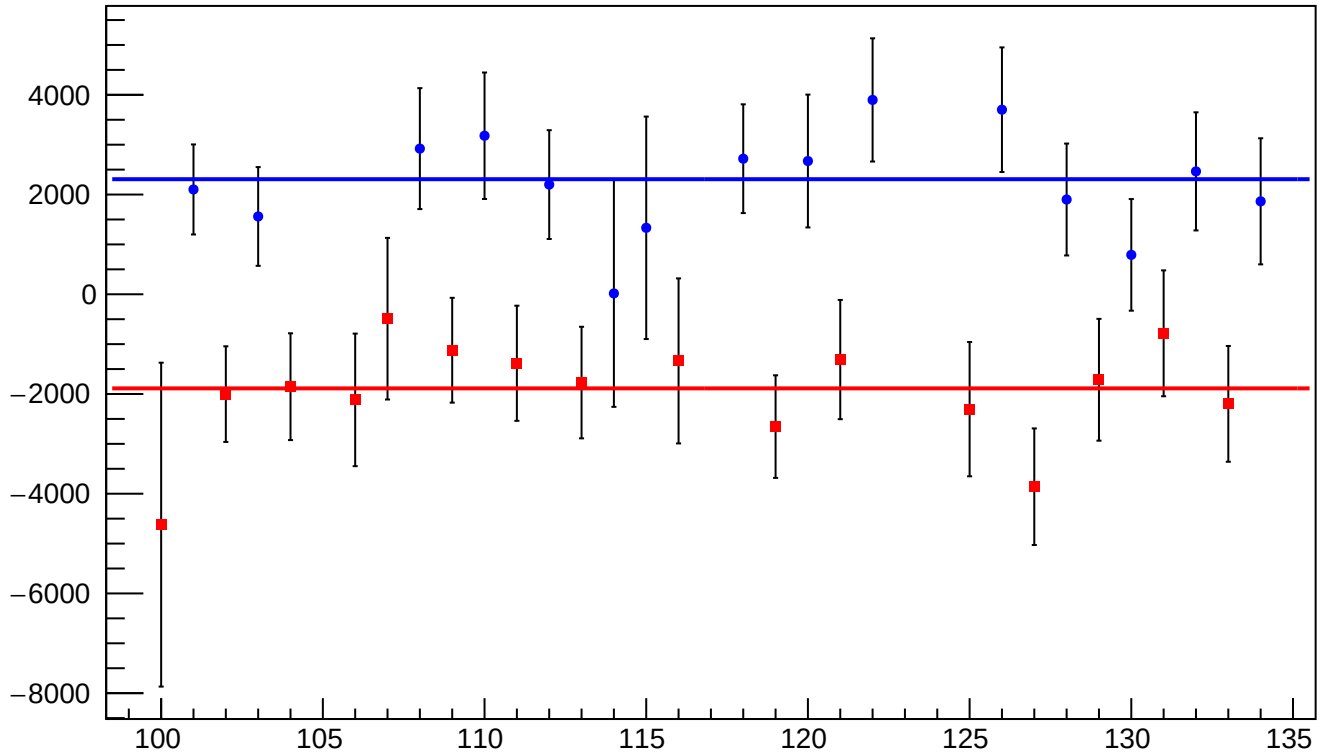


reg_asym_us_avg_mean vs Slug



Right In: 2307.917+/-309.910

χ^2/NDF : 7.8/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: -1887.597+/-304.472

χ^2/NDF : 6.9/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000

χ^2/NDF : 0.0/0

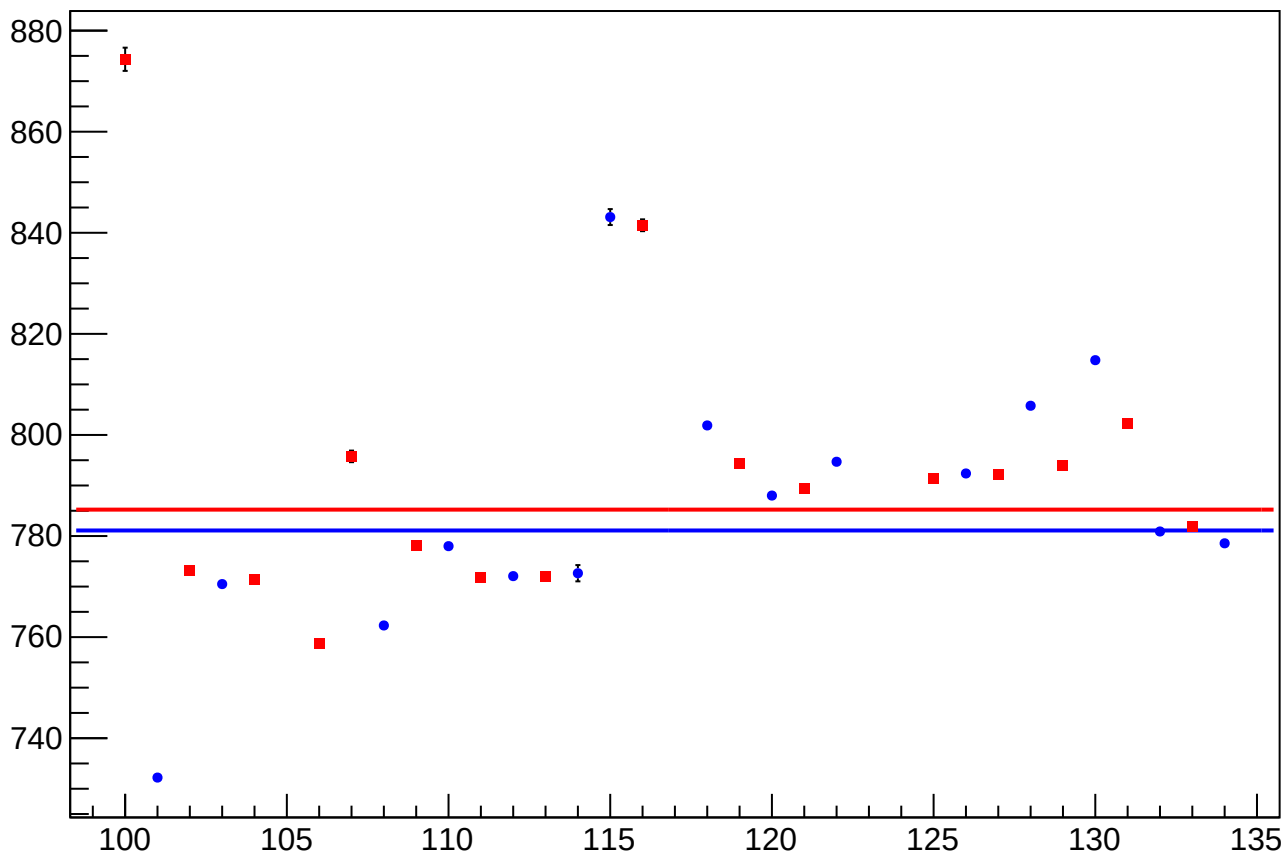
All: 173.033+/-217.191

χ^2/NDF : 108.0/30

- sign 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: 785.226+/-0.215 χ^2/NDF : 6753.8/15

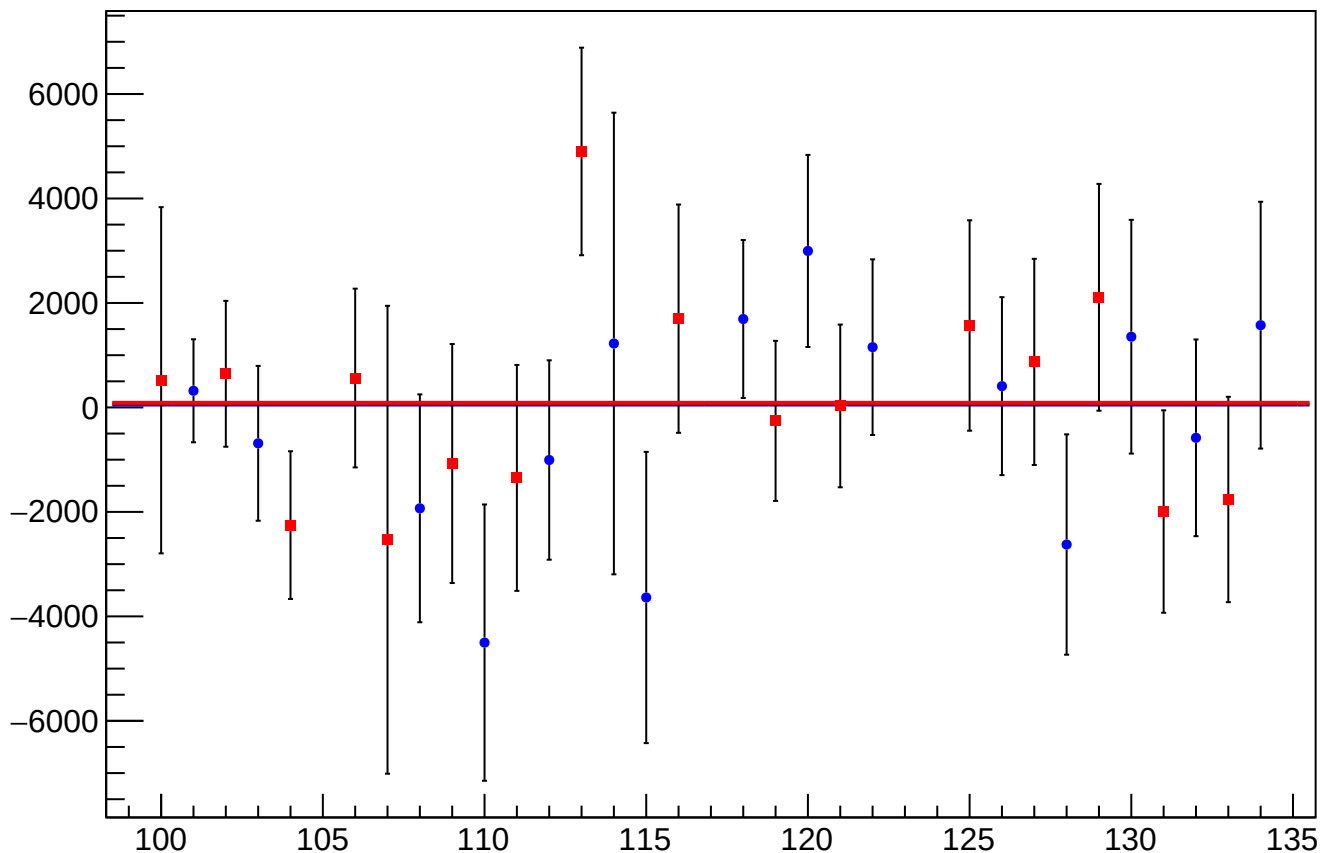
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 783.199+/-0.154 χ^2/NDF : 19200.7/30

- 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: 88.798 $\pm$ 474.460 χ^2 /NDF: 14.1/15

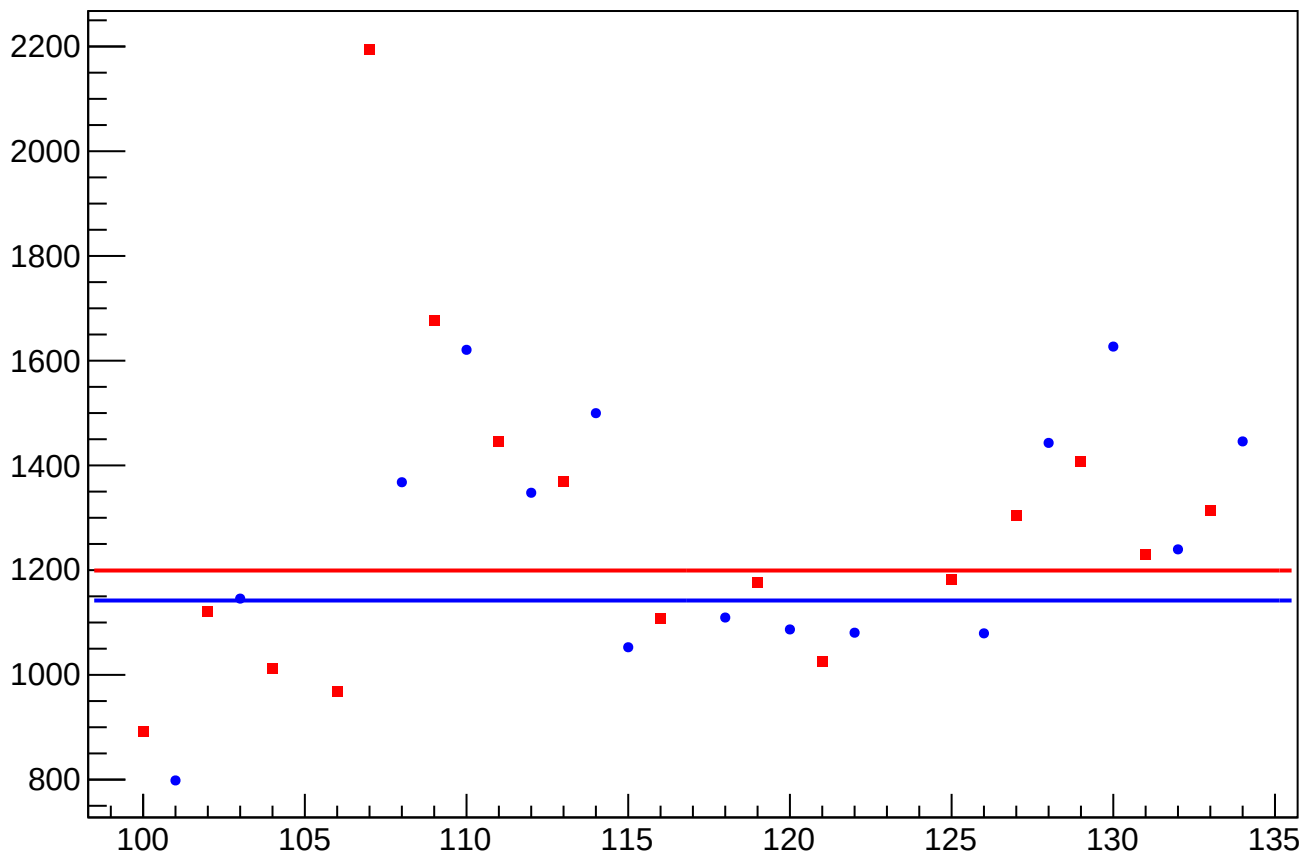
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 72.145 $\pm$ 332.394 χ^2 /NDF: 27.0/30

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

asym_us_avg_reg_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: 1199.311+/-0.335 χ^2/NDF : 381984.7/15

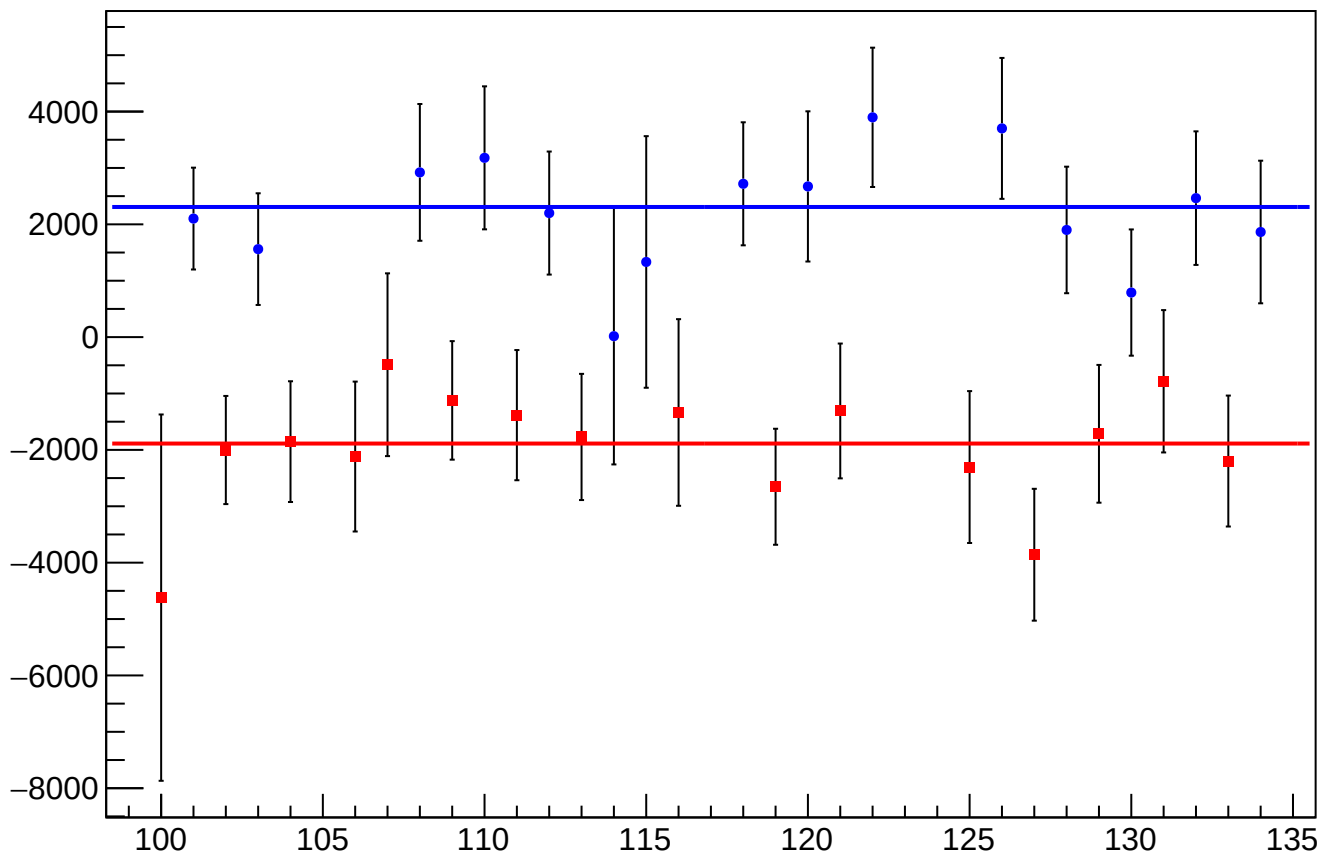
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1170.140+/-0.235 χ^2/NDF : 946328.7/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -1887.597 $\pm$ 304.472 χ^2 /NDF: 6.9/15

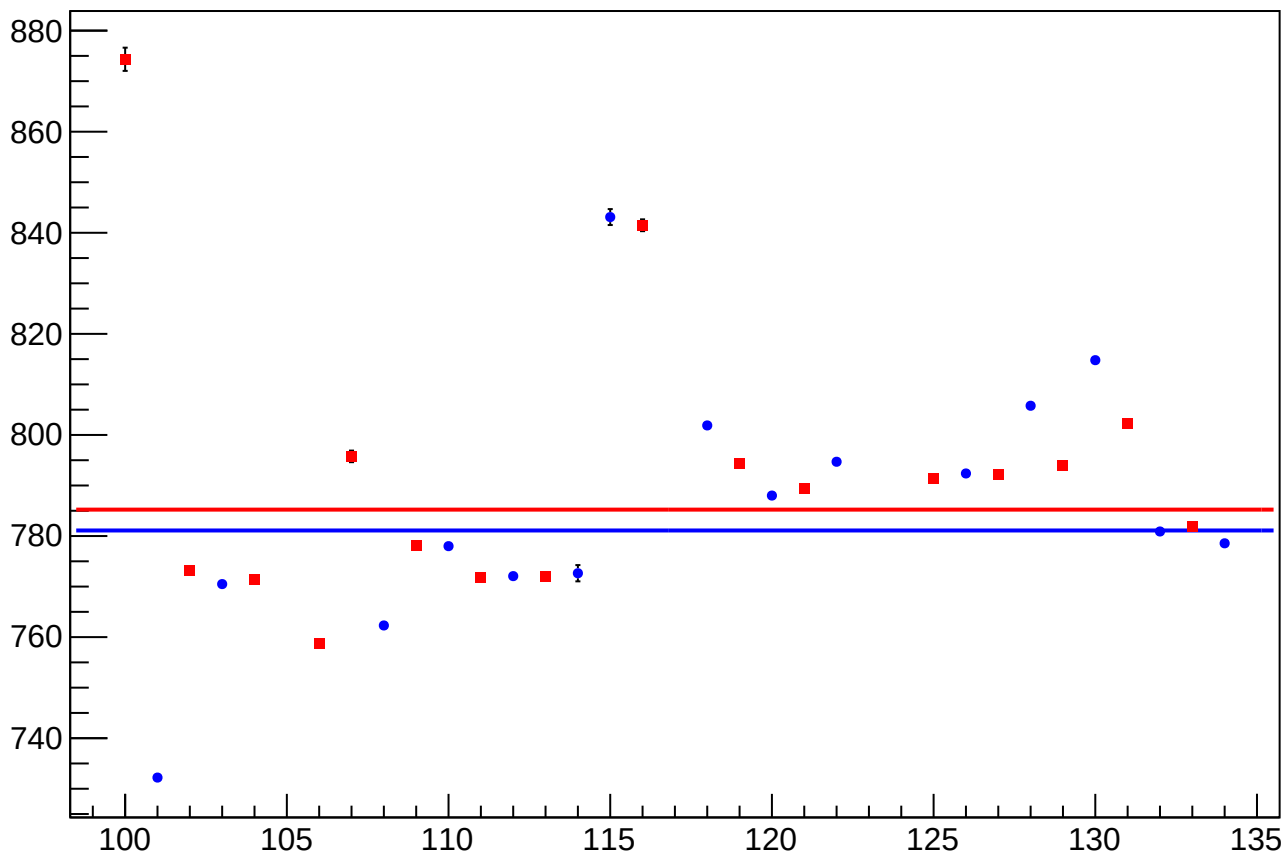
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 173.033 $\pm$ 217.191 χ^2 /NDF: 108.0/30

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

cor_asym_us_avg_rms vs Slug



Right In: 781.100 $\pm$ 0.219 χ^2 /NDF: 12266.5/14

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

Right Out: 785.226 $\pm$ 0.215 χ^2 /NDF: 6753.8/15

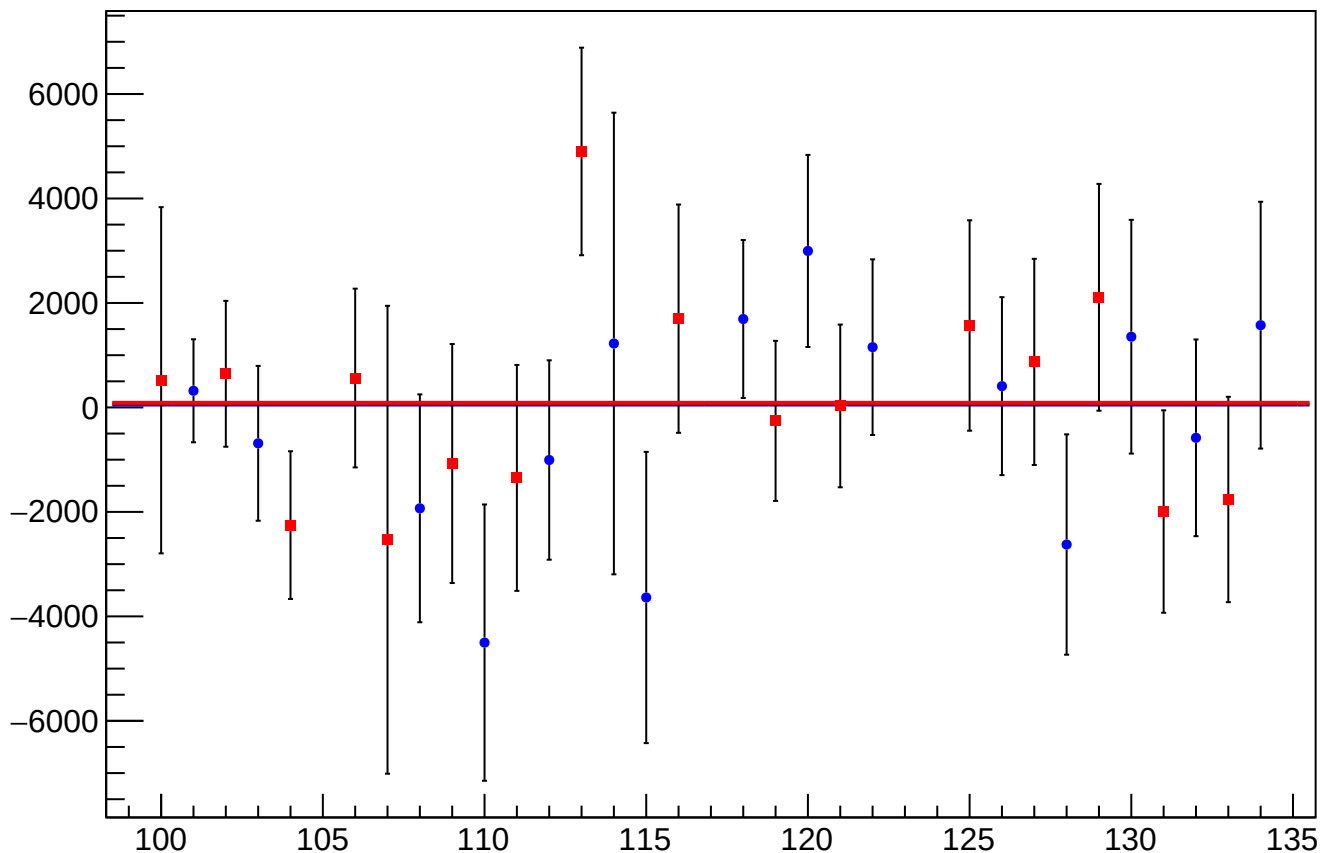
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 783.199 $\pm$ 0.154 χ^2 /NDF: 19200.7/30

- sign 0.000 $\pm$ 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: 88.798+/-474.460 χ^2/NDF : 14.1/15

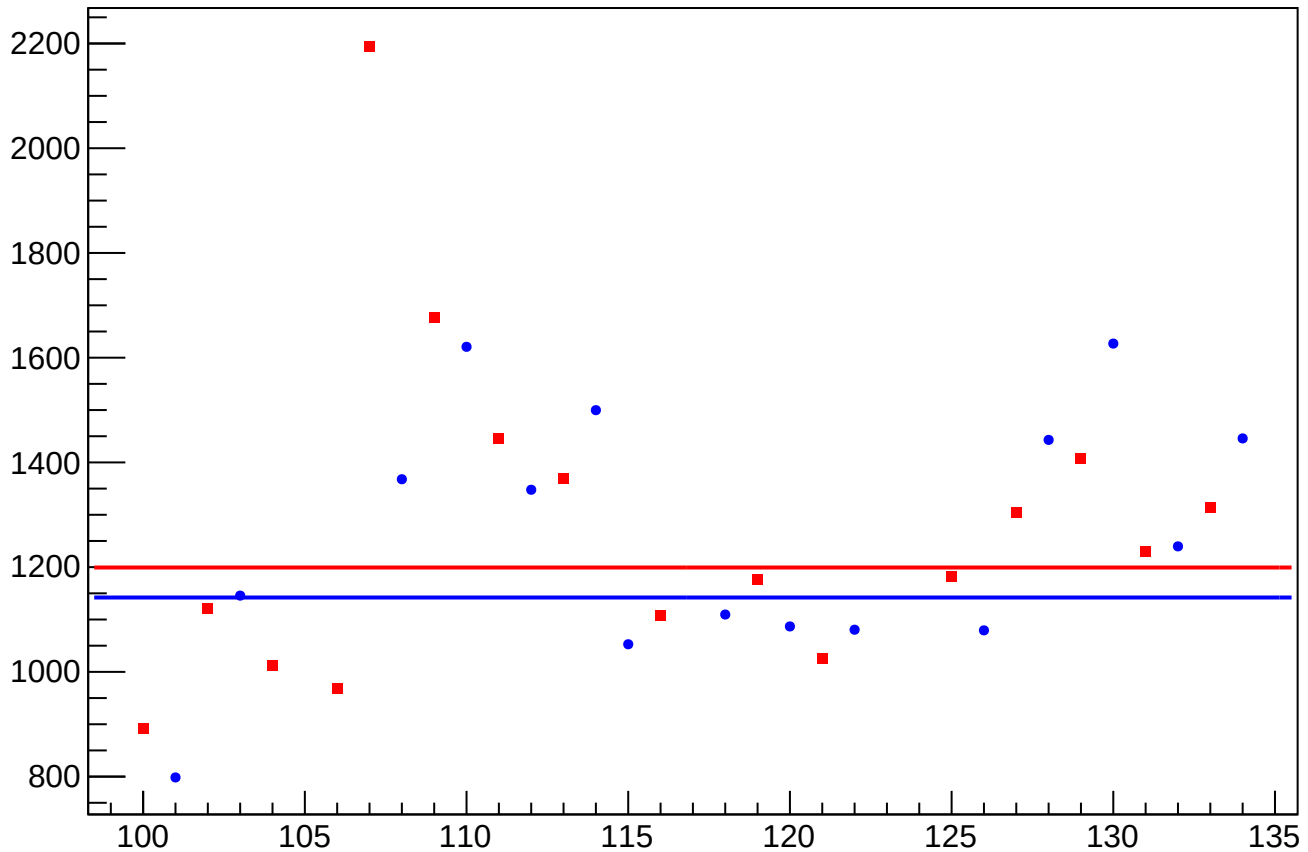
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.145+/-332.394 χ^2/NDF : 27.0/30

- 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: 1199.311+/-0.335 χ^2/NDF : 381984.7/15

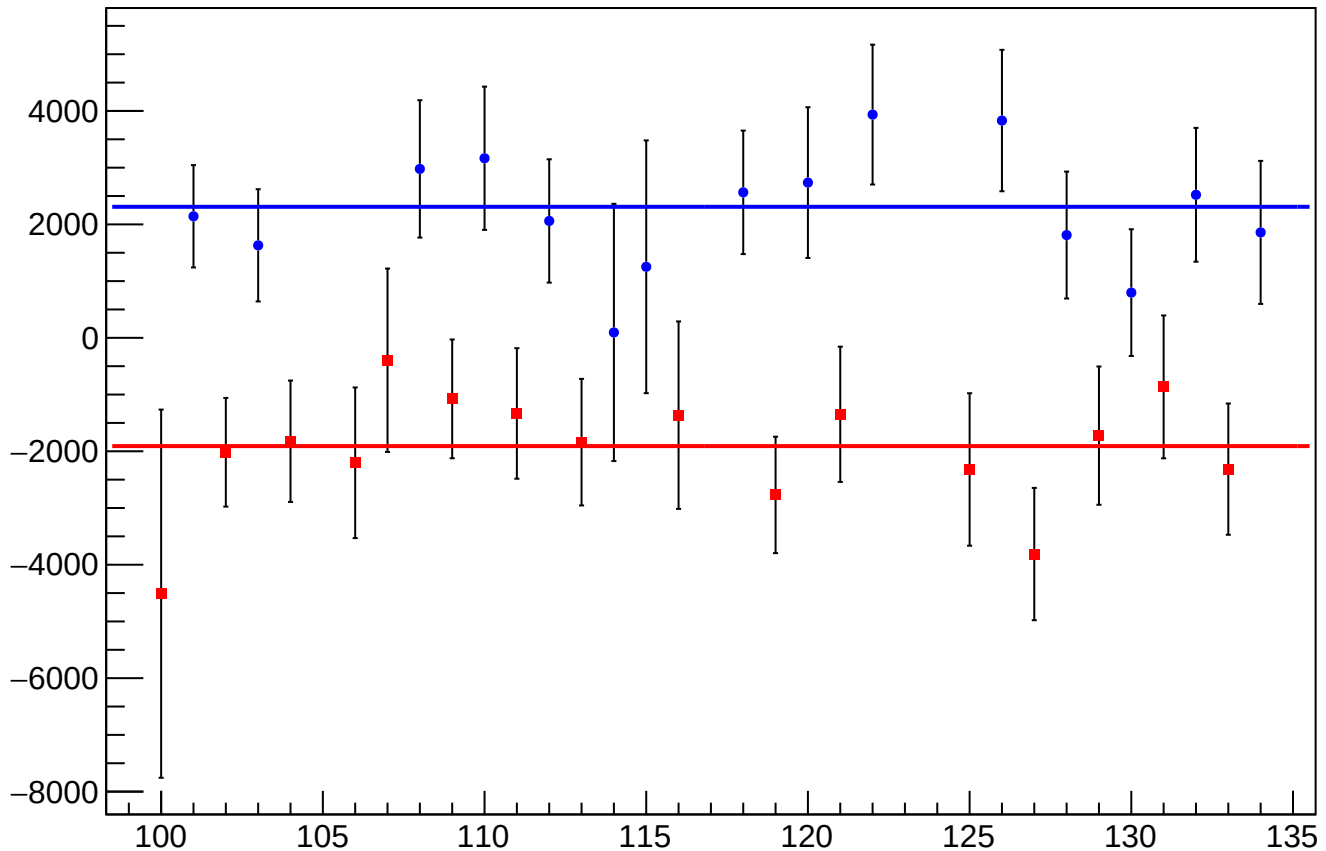
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1170.140+/-0.235 χ^2/NDF : 946328.7/30

- 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: -1908.721+/-303.767 χ^2/NDF : 7.1/15

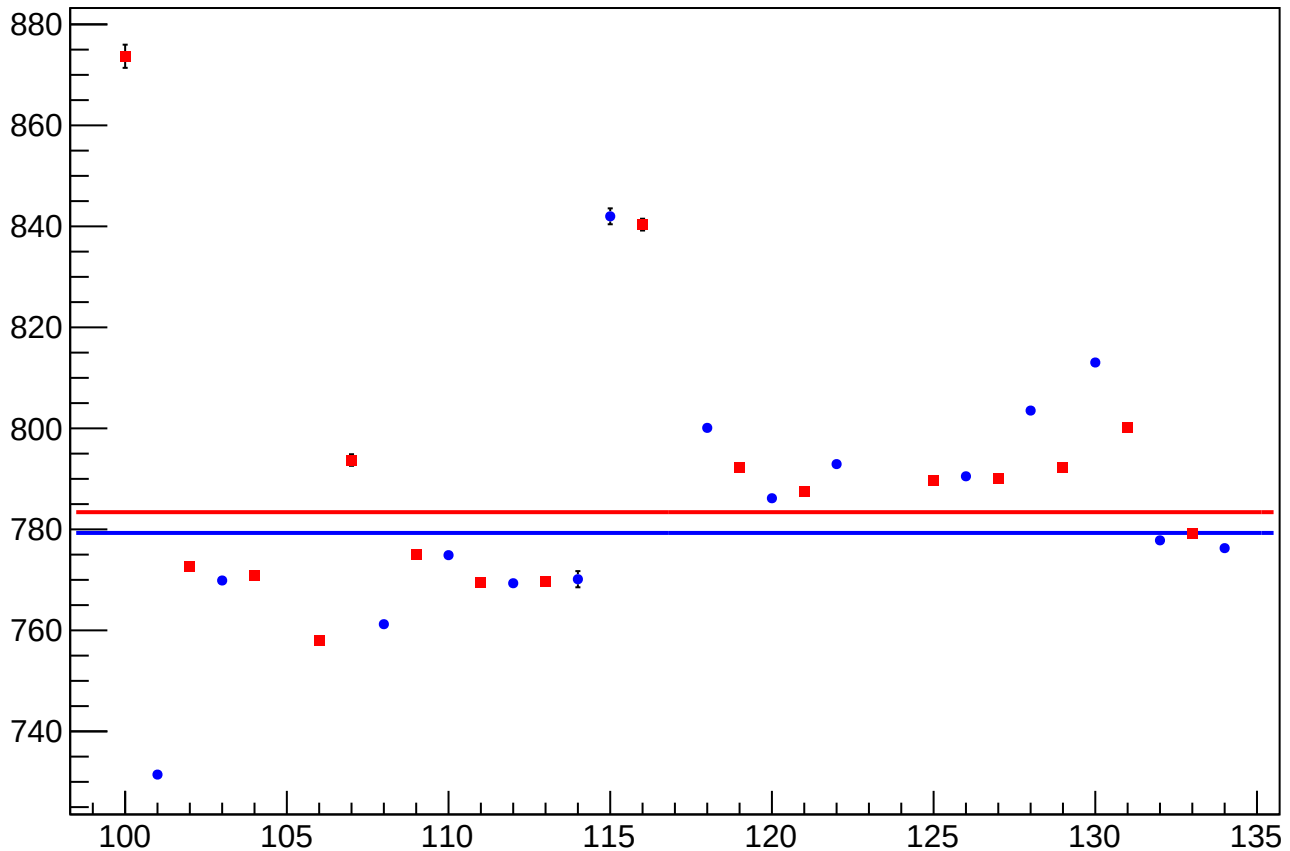
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.414+/-216.688 χ^2/NDF : 109.9/30

- 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: 783.406+/-0.215 χ^2/NDF : 6754.7/15

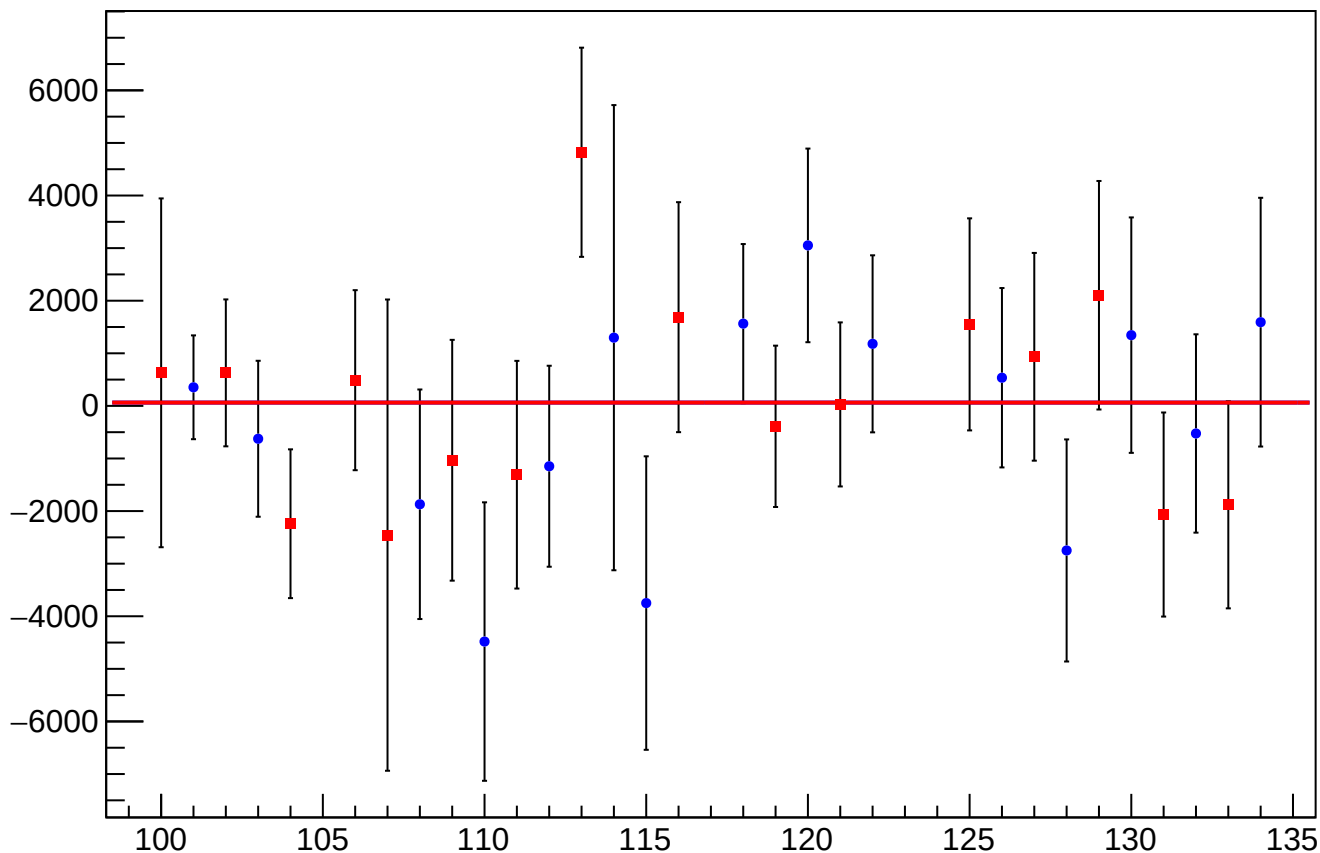
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.386+/-0.153 χ^2/NDF : 18966.4/30

- 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: 62.653+/-474.868 χ^2/NDF : 14.0/15

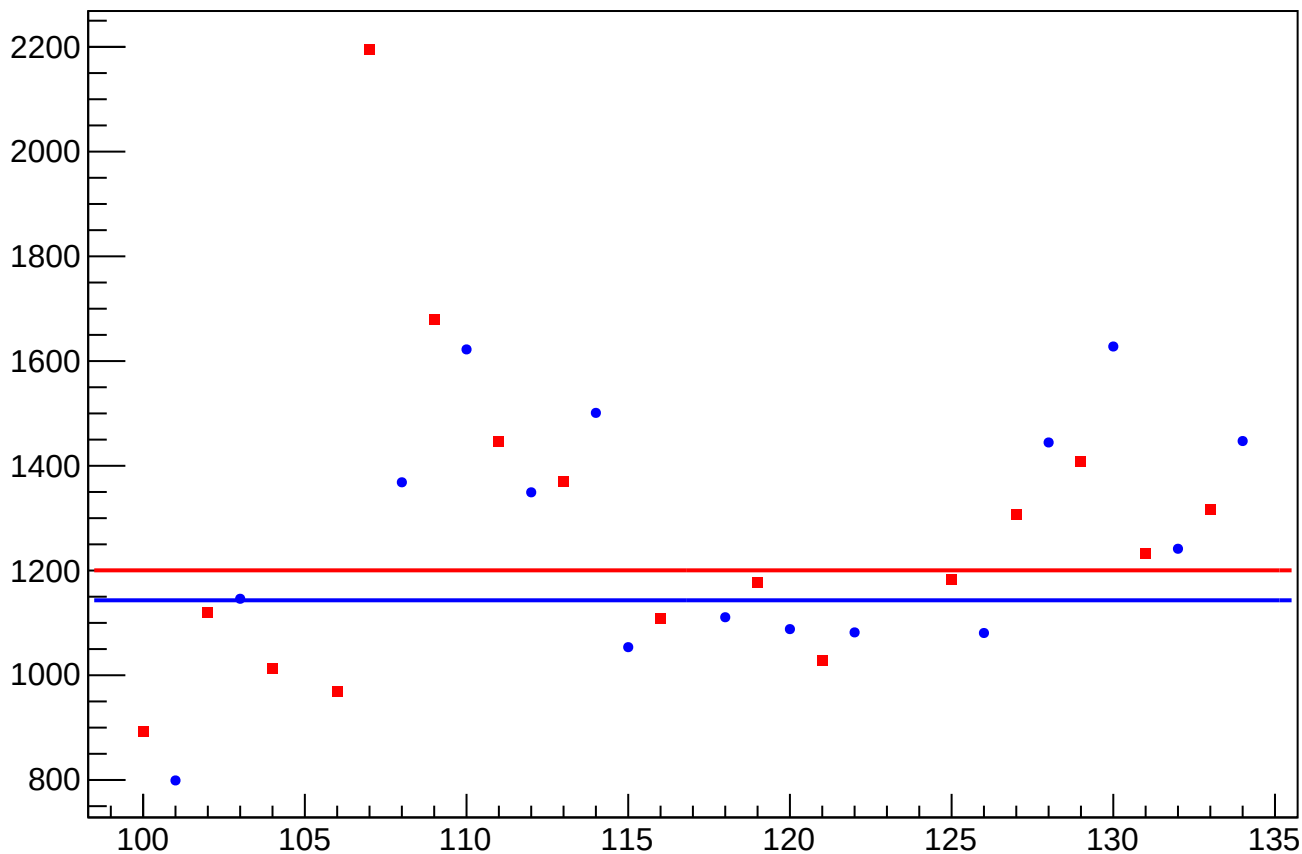
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.866+/-332.698 χ^2/NDF : 27.2/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_overload_cor_correction_rms vs Slug



Right In: 1143.148 $\pm$ 0.330 χ^2 /NDF: 549382.8/14

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

Right Out: 1200.349 $\pm$ 0.336 χ^2 /NDF: 382107.3/15

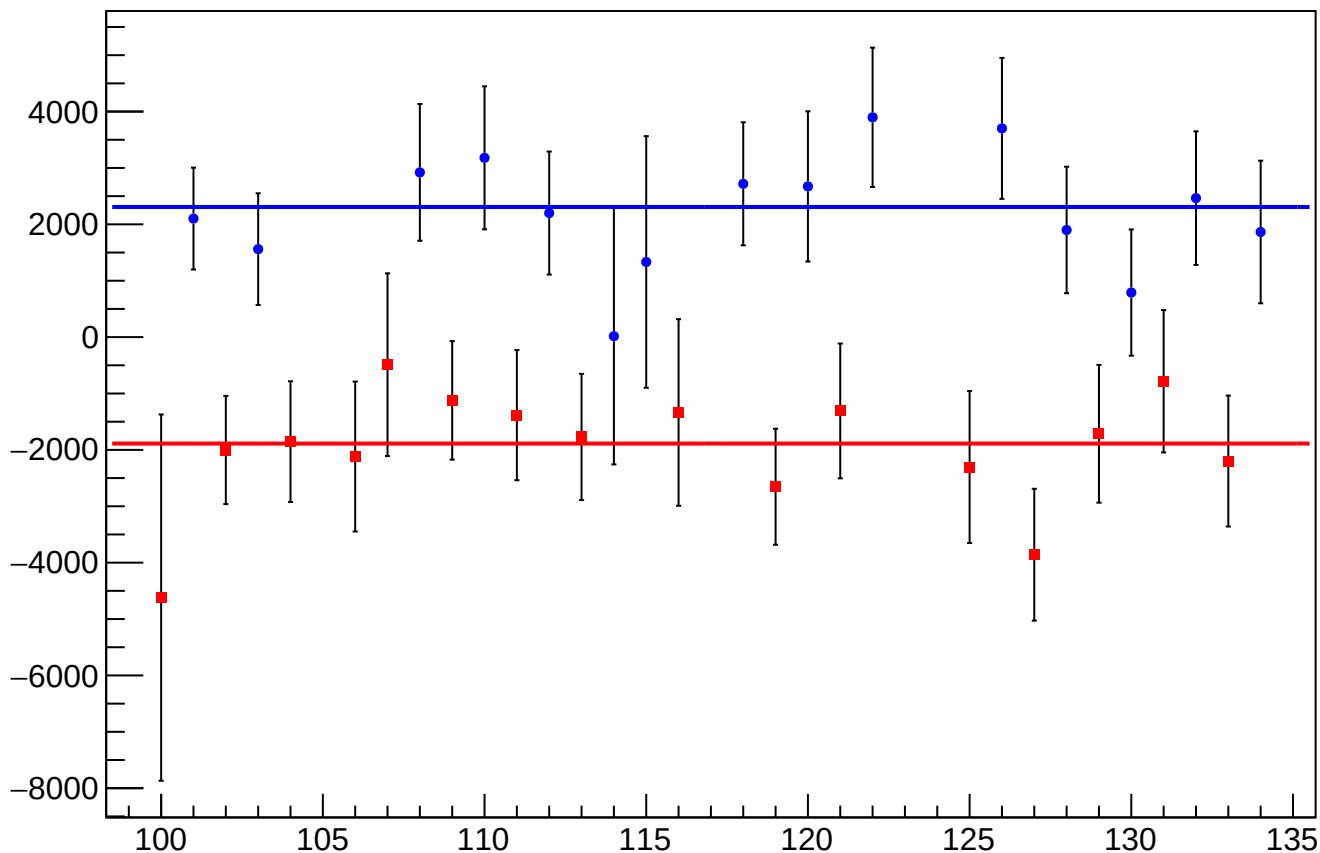
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1171.226 $\pm$ 0.235 χ^2 /NDF: 946265.4/30

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

eigen_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: -1887.597+/-304.472 χ^2/NDF : 6.9/15

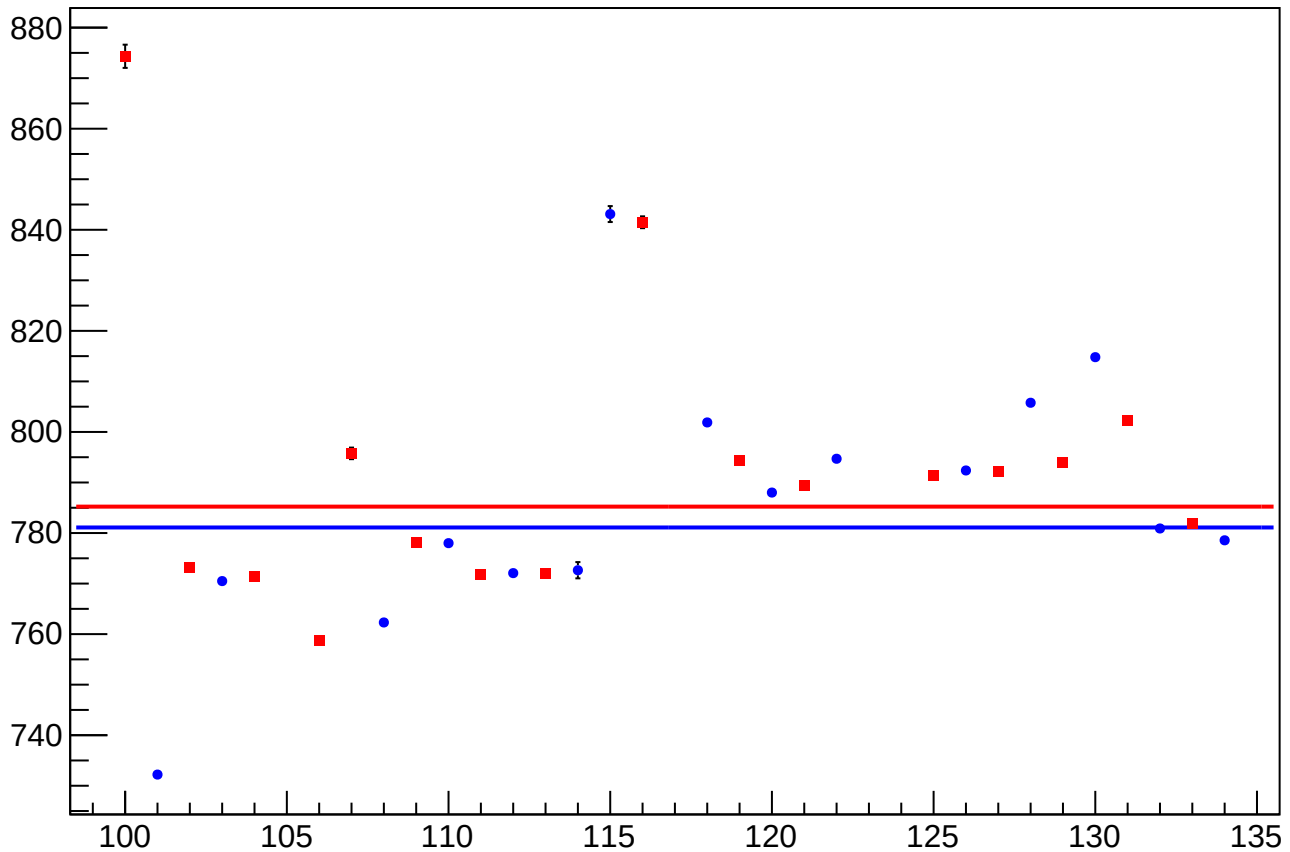
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.033+/-217.191 χ^2/NDF : 108.0/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_rms vs Slug



Right In: 781.100 $\pm$ 0.219 χ^2 /NDF: 12266.5/14

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

Right Out: 785.226 $\pm$ 0.215 χ^2 /NDF: 6753.8/15

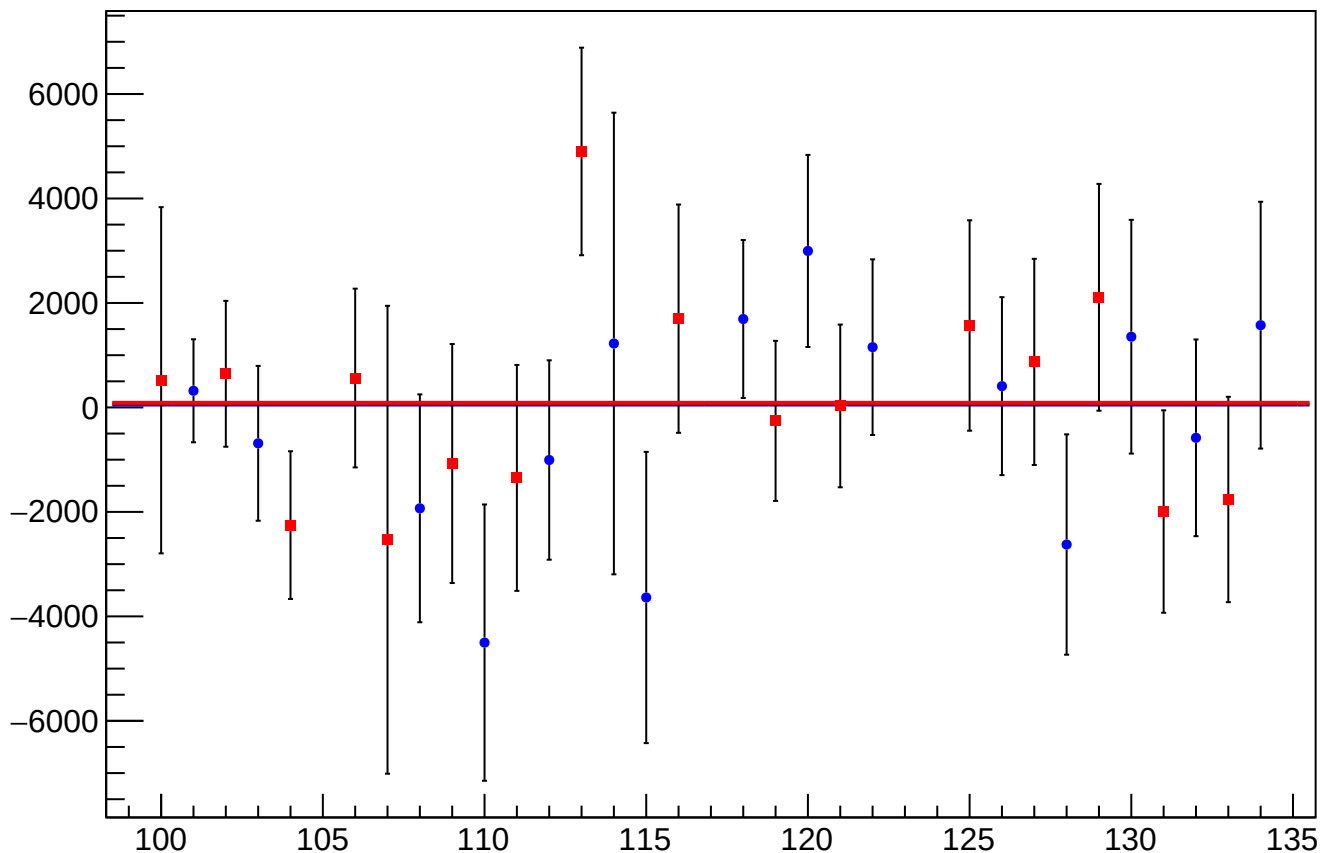
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 783.199 $\pm$ 0.154 χ^2 /NDF: 19200.7/30

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

asym_us_avg_eigen_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: 88.798+/-474.460 χ^2/NDF : 14.1/15

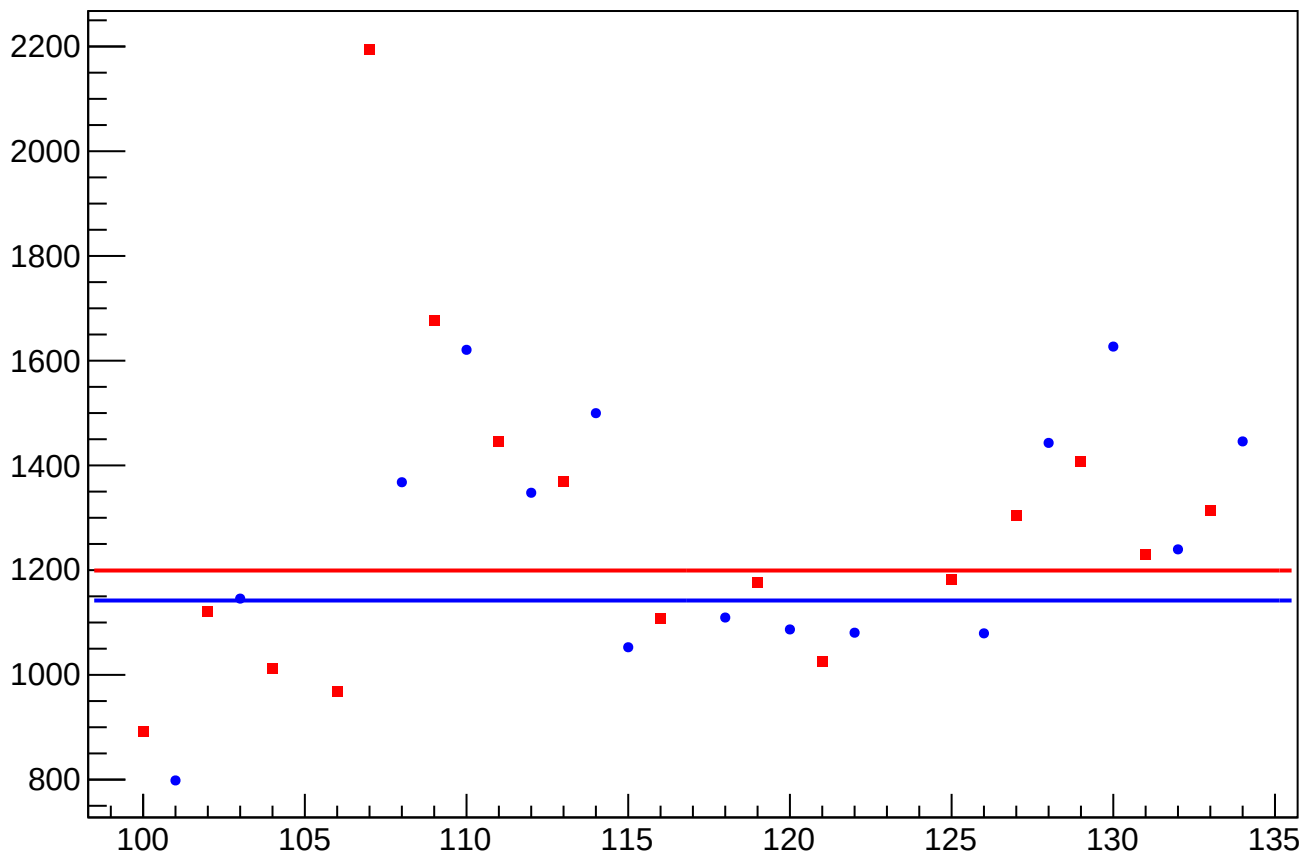
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.145+/-332.394 χ^2/NDF : 27.0/30

- sign 0.000+/-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

Right Out: 1199.311+/-0.335 χ^2/NDF : 381984.7/15

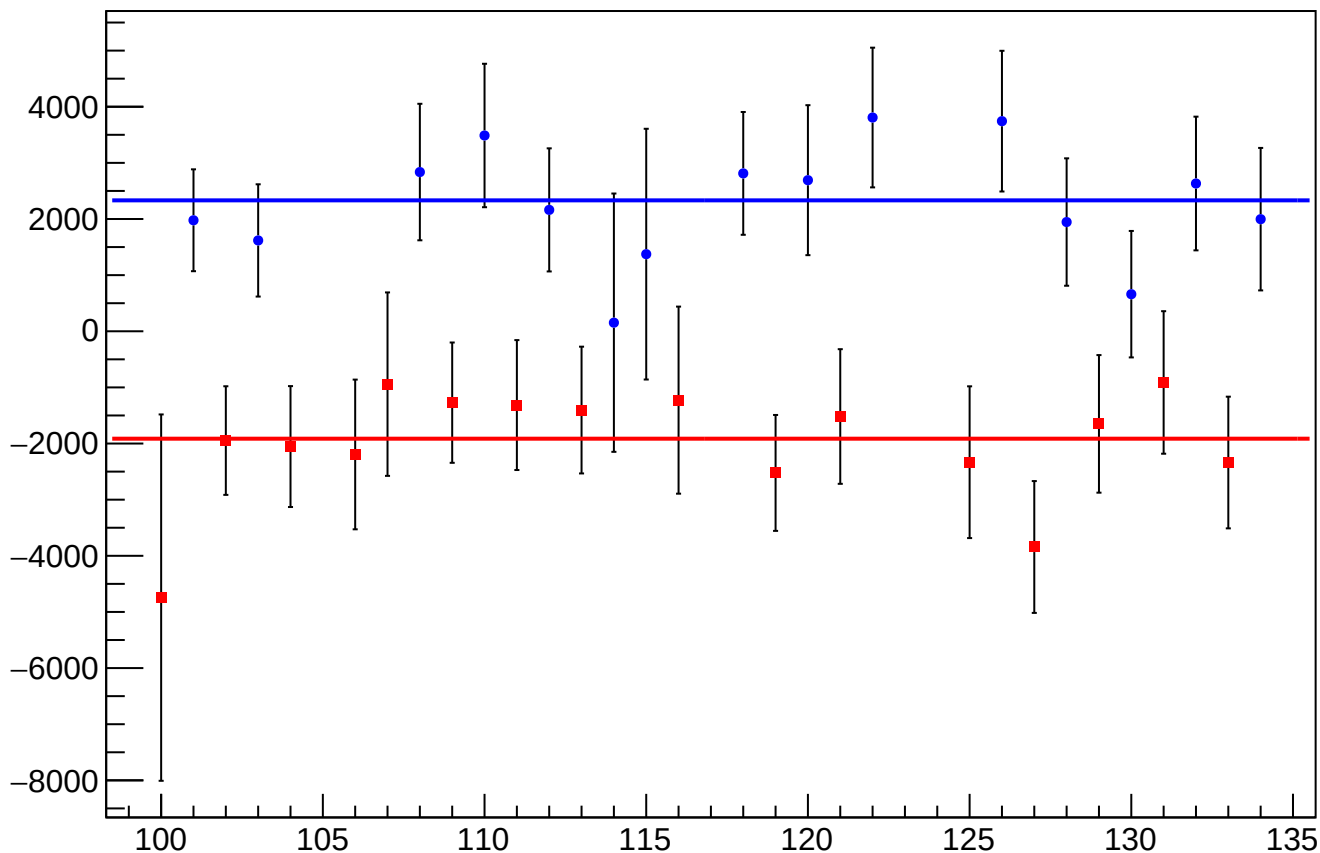
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1170.140+/-0.235 χ^2/NDF : 946328.7/30

- sign 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: -1913.590 $\pm$ 306.537 χ^2 /NDF: 6.2/15

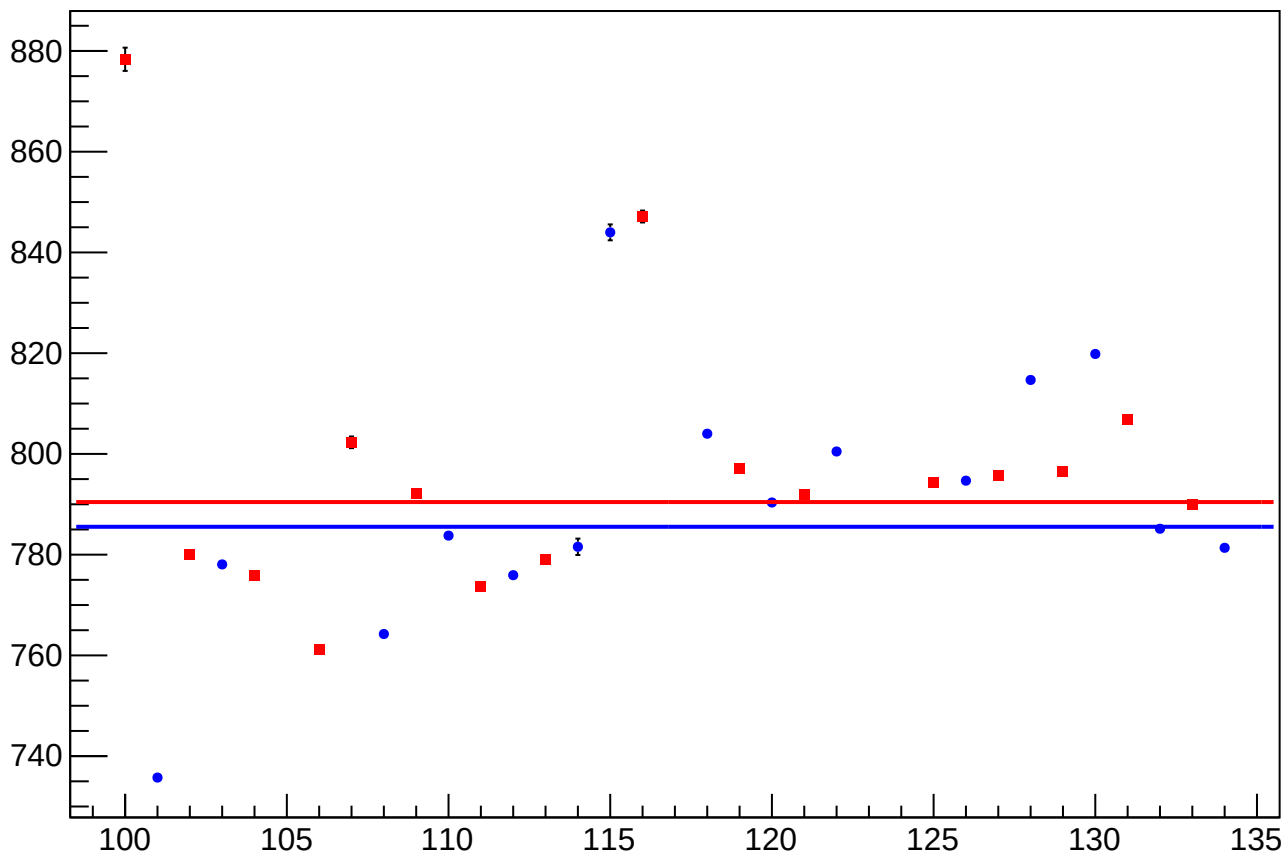
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 173.945 $\pm$ 218.552 χ^2 /NDF: 108.7/30

- 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: 790.445+/-0.217 χ^2/NDF : 6584.8/15

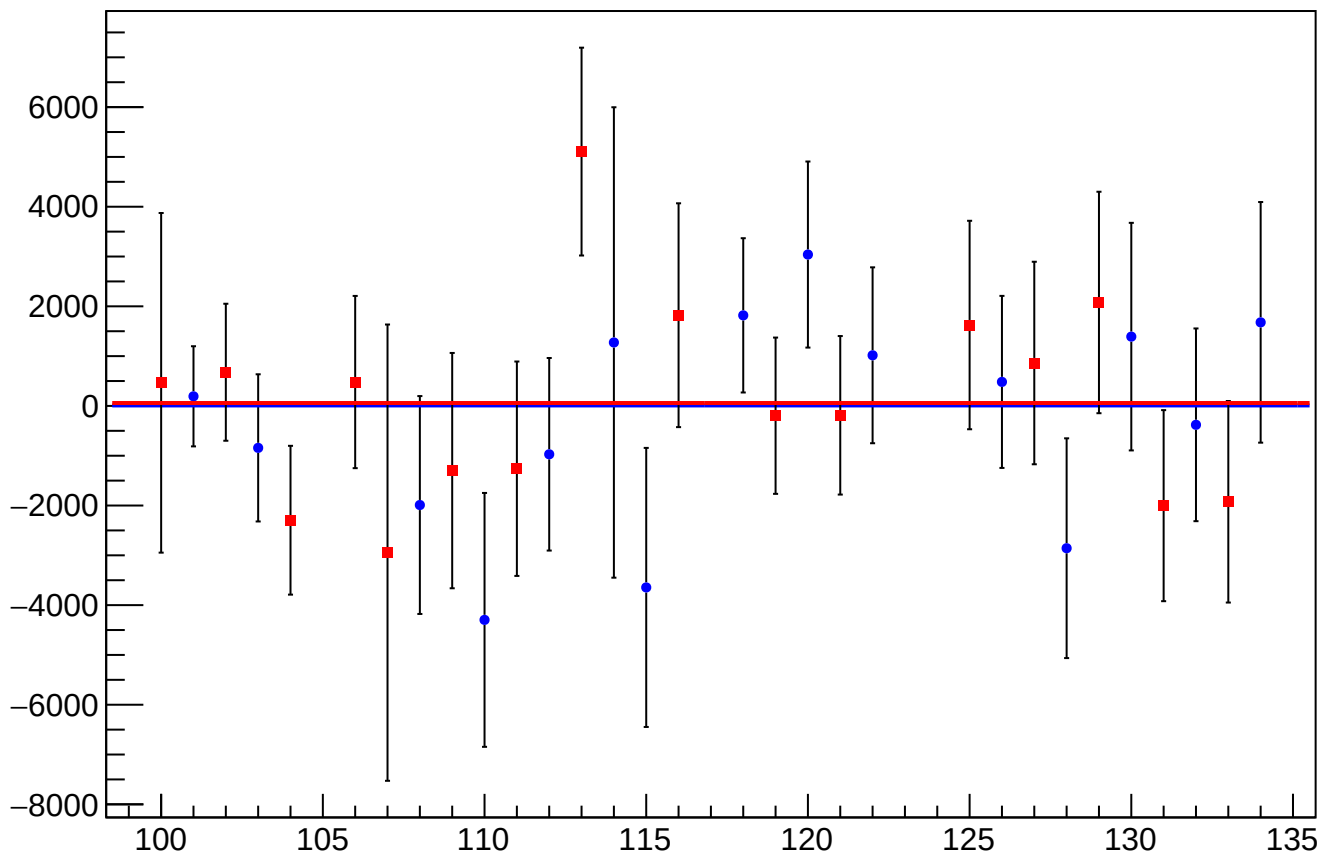
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 788.030+/-0.155 χ^2/NDF : 19306.2/30

- 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: 58.508+/-484.698 χ^2/NDF : 14.1/15

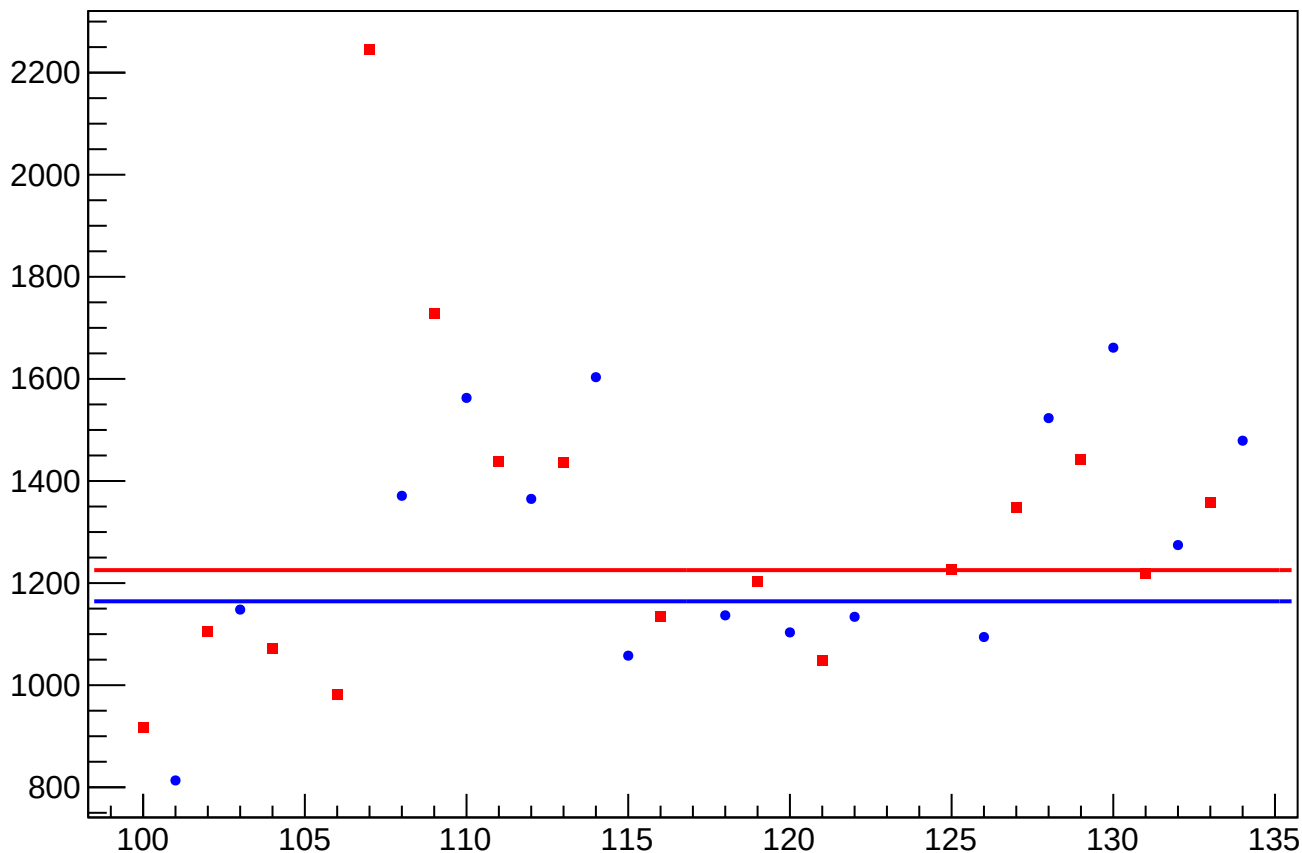
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.673+/-339.019 χ^2/NDF : 27.1/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_correction_rms vs Slug



Right In: 1164.301 $\pm$ 0.335 χ^2 /NDF: 546796.0/14

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

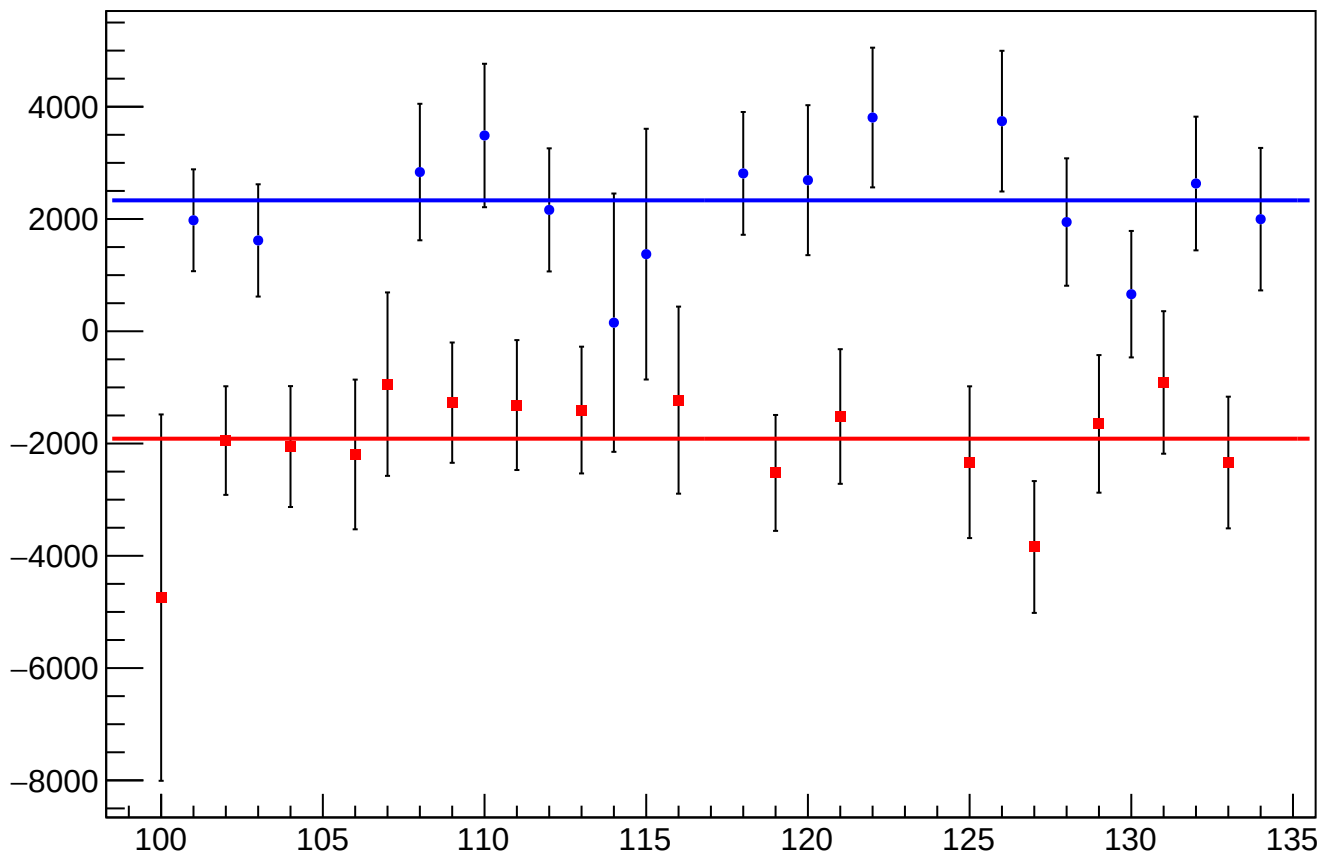
Right Out: 1225.389 $\pm$ 0.343 χ^2 /NDF: 385444.1/15

All: 1194.187 $\pm$ 0.240 χ^2 /NDF: 948467.3/30

- 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_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: -1913.589 $\pm$ 306.537 χ^2 /NDF: 6.2/15

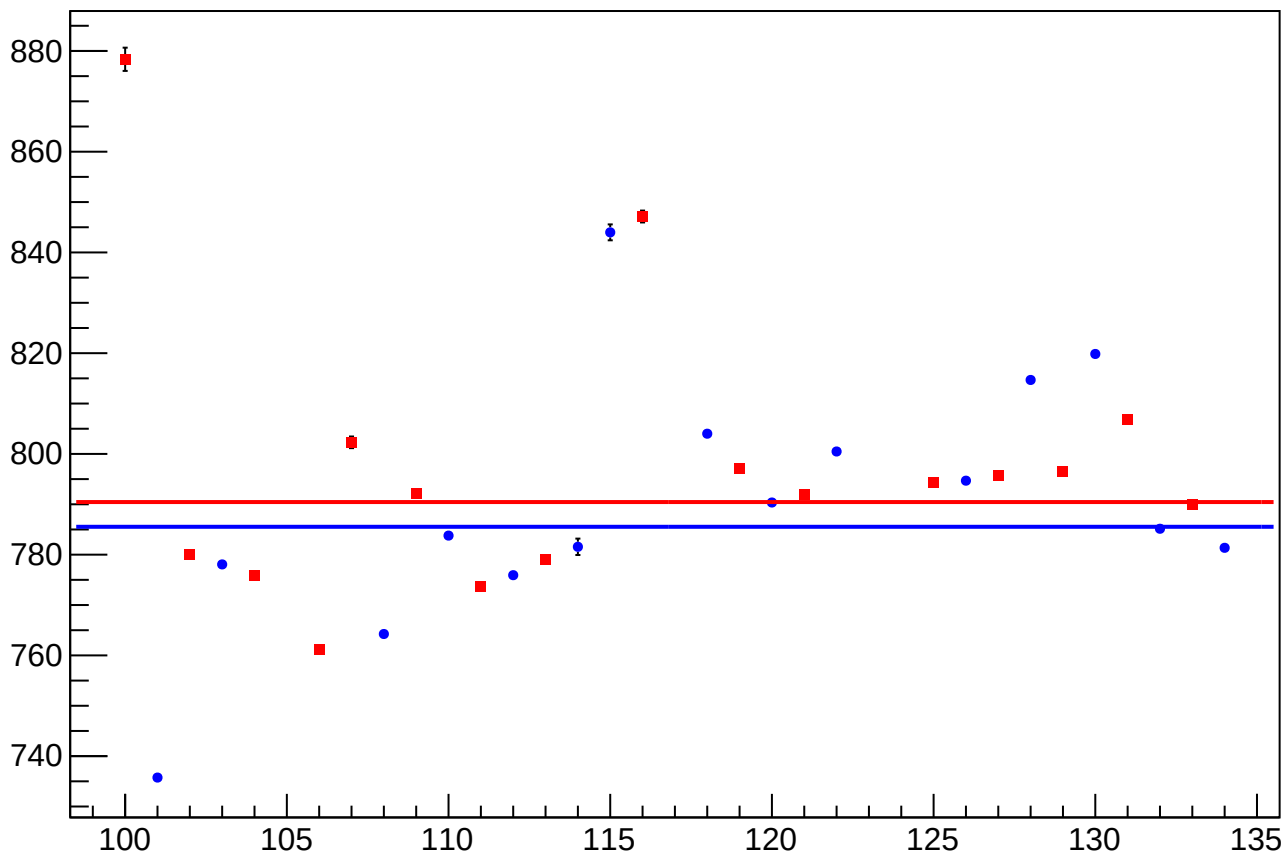
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 173.946 $\pm$ 218.552 χ^2 /NDF: 108.7/30

- 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: 790.445+/-0.217 χ^2/NDF : 6584.8/15

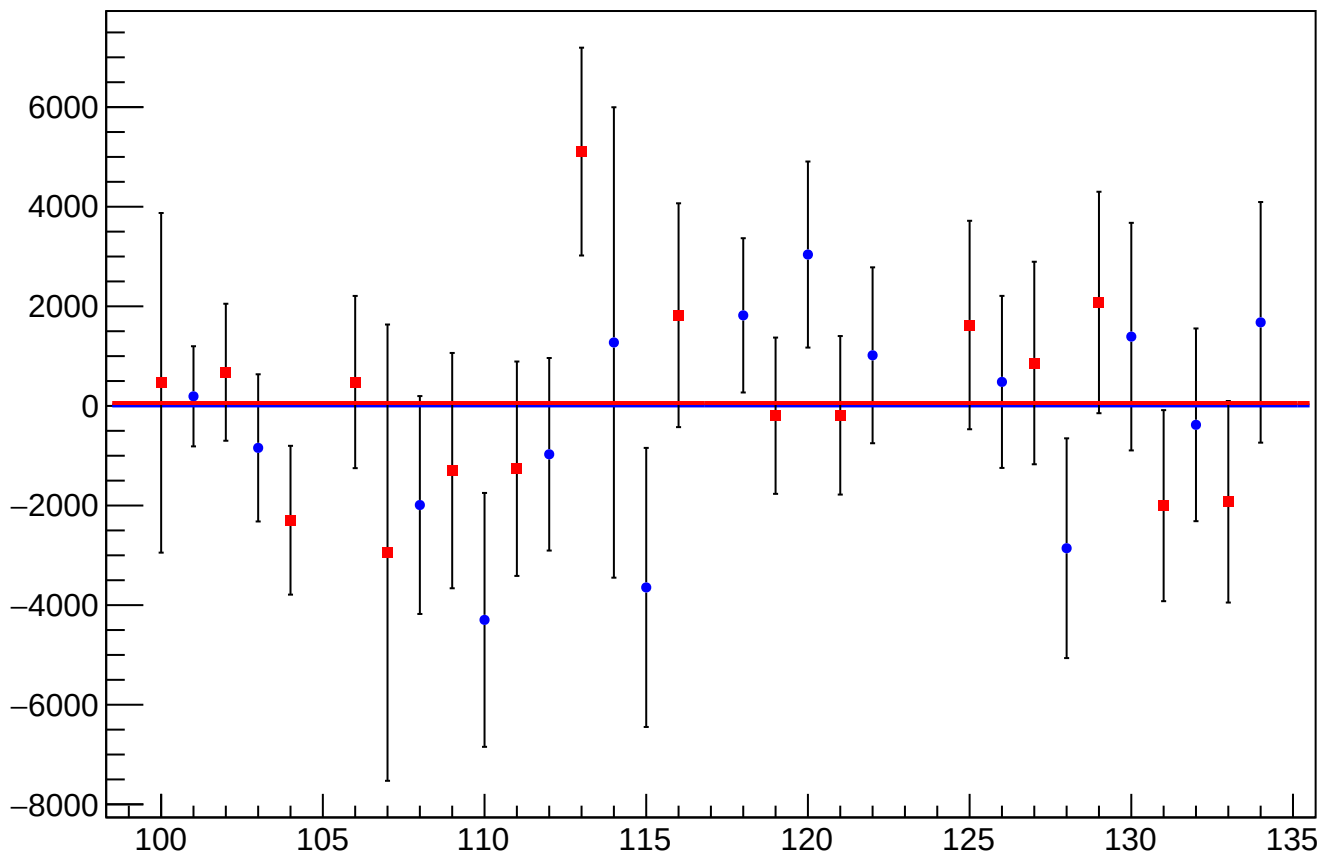
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 788.030+/-0.155 χ^2/NDF : 19306.1/30

- 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: 58.507+/-484.696 χ^2/NDF : 14.1/15

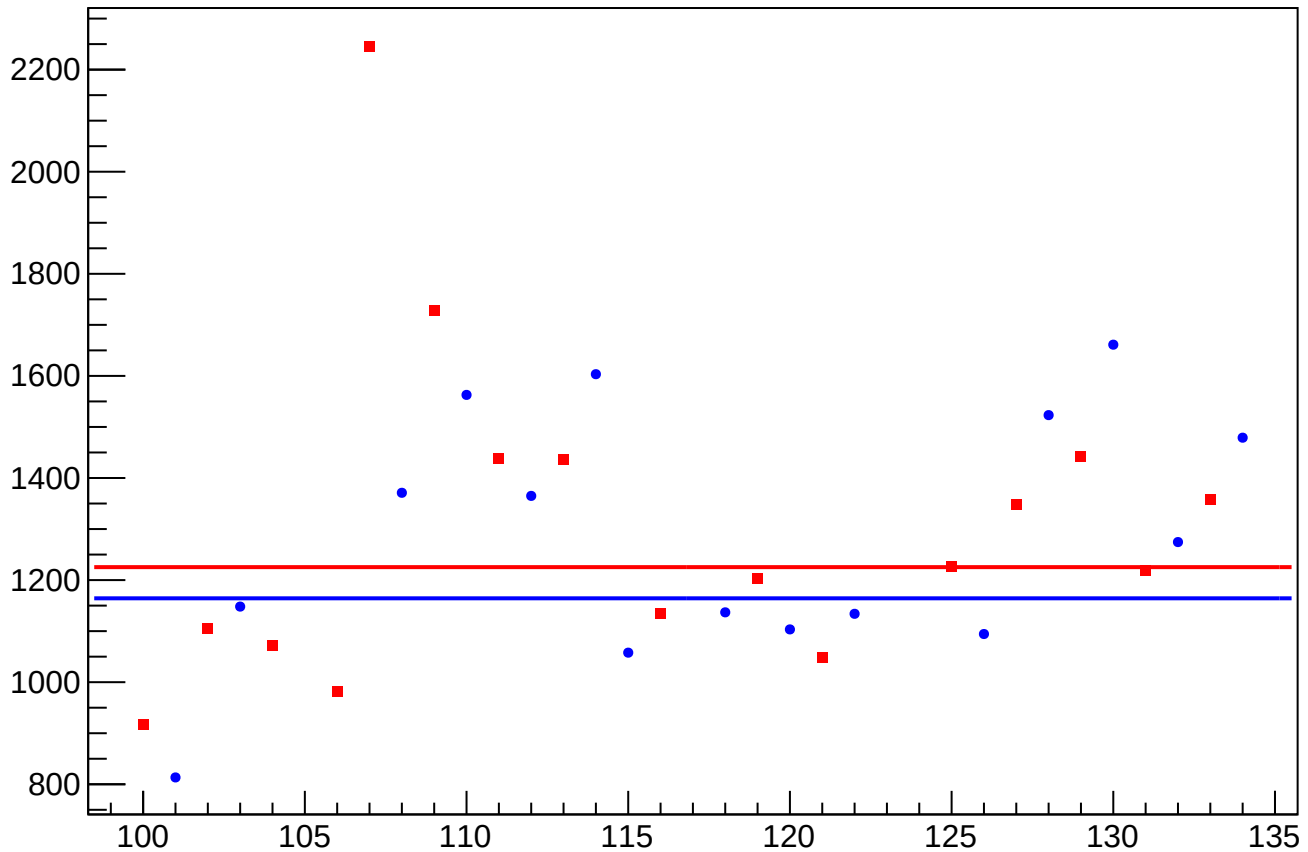
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.673+/-339.018 χ^2/NDF : 27.1/30

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

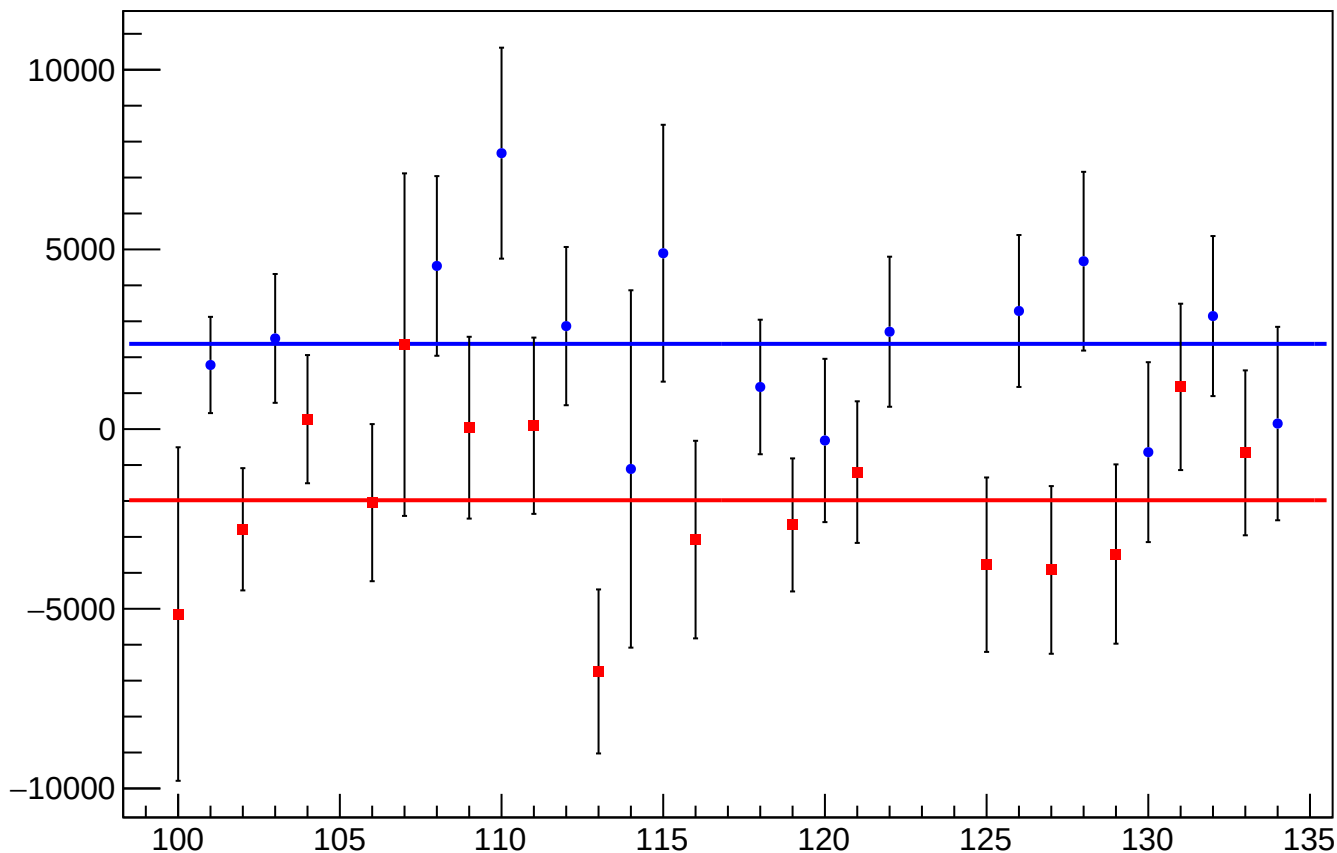
Right Out: 1225.386+/-0.343 χ^2/NDF : 385441.6/15

All: 1194.183+/-0.240 χ^2/NDF : 948461.1/30

- 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_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: -1979.792 $\pm$ 572.930 χ^2 /NDF: 13.1/15

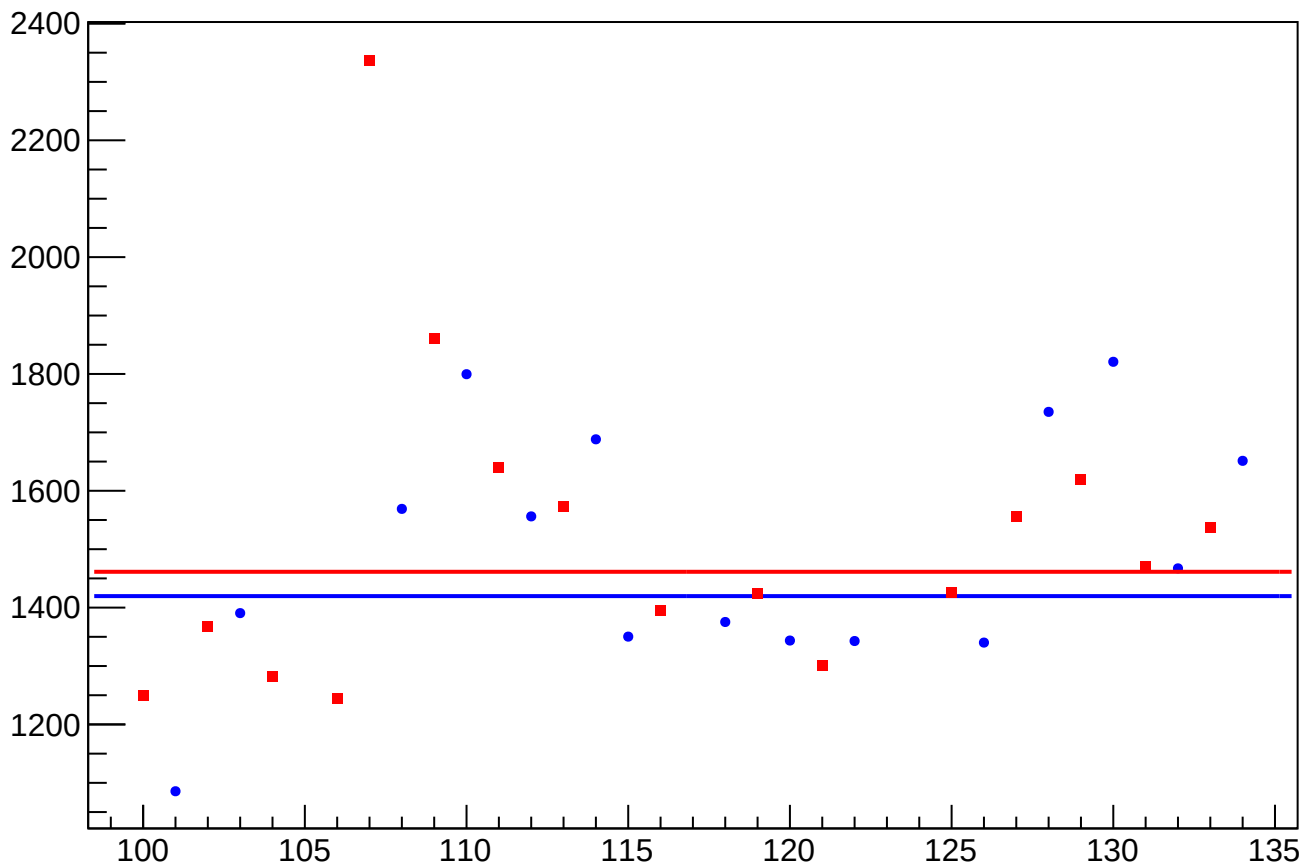
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 202.063 $\pm$ 404.574 χ^2 /NDF: 52.4/30

- 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

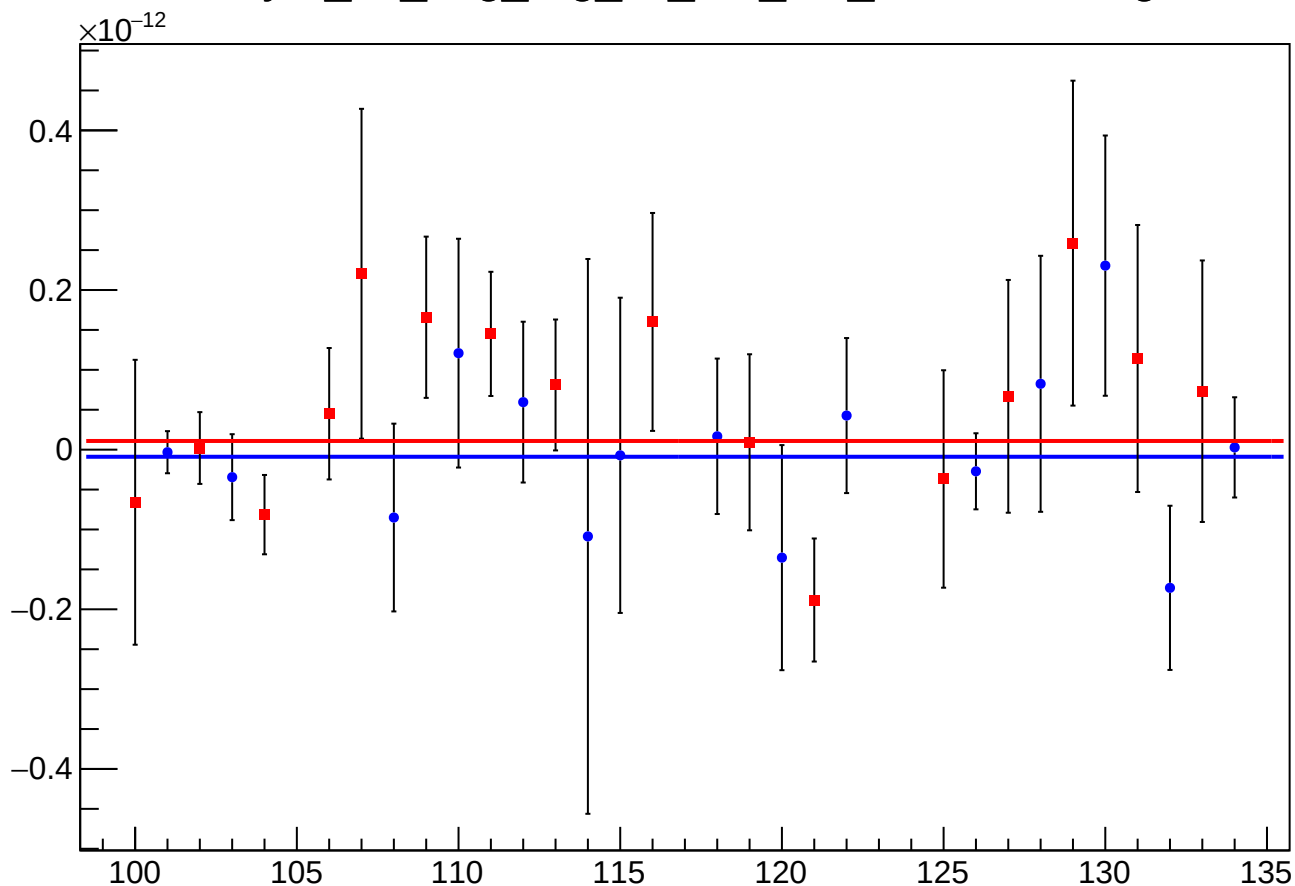
Right Out: 1461.324+/-0.405 χ^2/NDF : 212062.0/15

All: 1440.450+/-0.286 χ^2/NDF : 505377.2/30

- 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 : 21.1/15

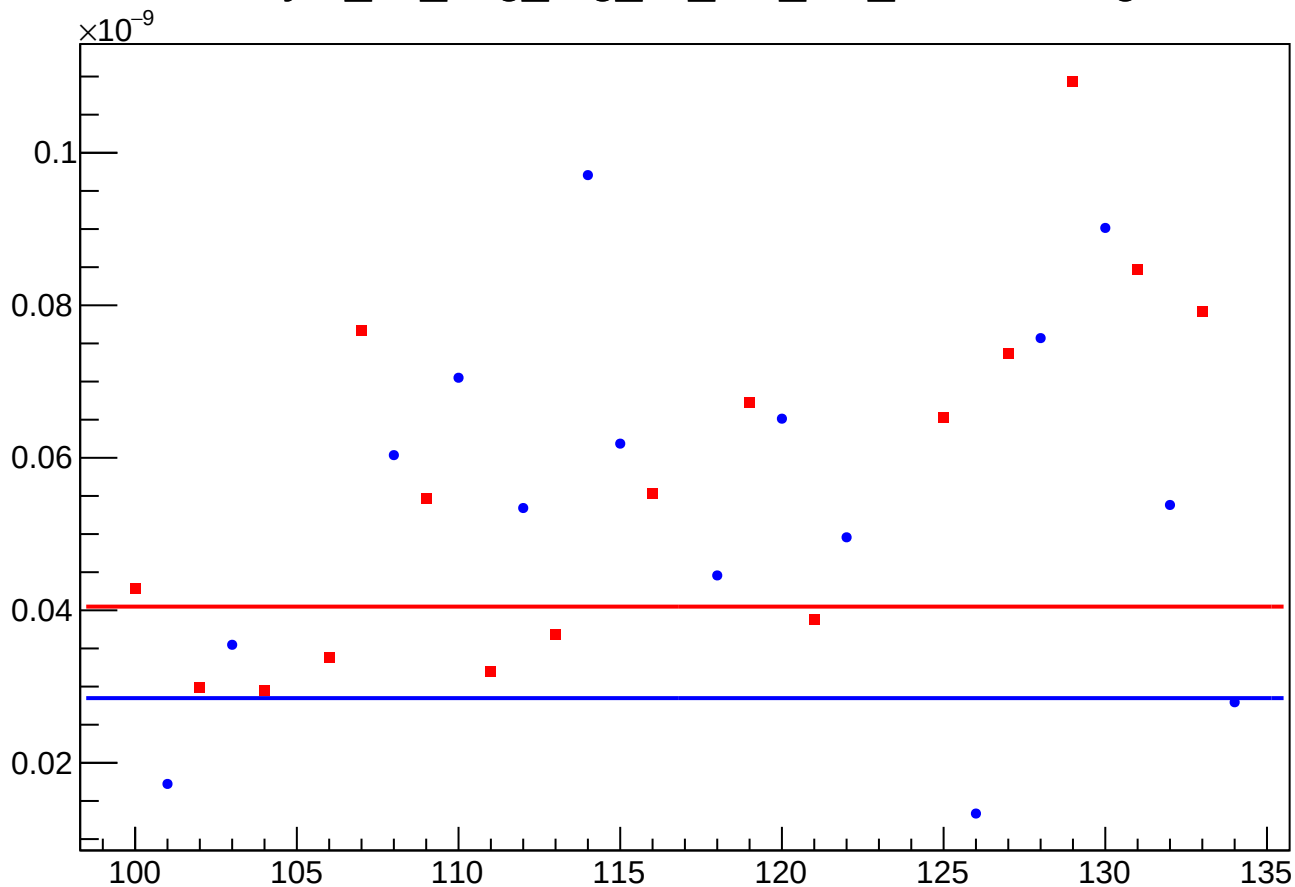
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 30.0/30

- 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 : 1142358.0/15

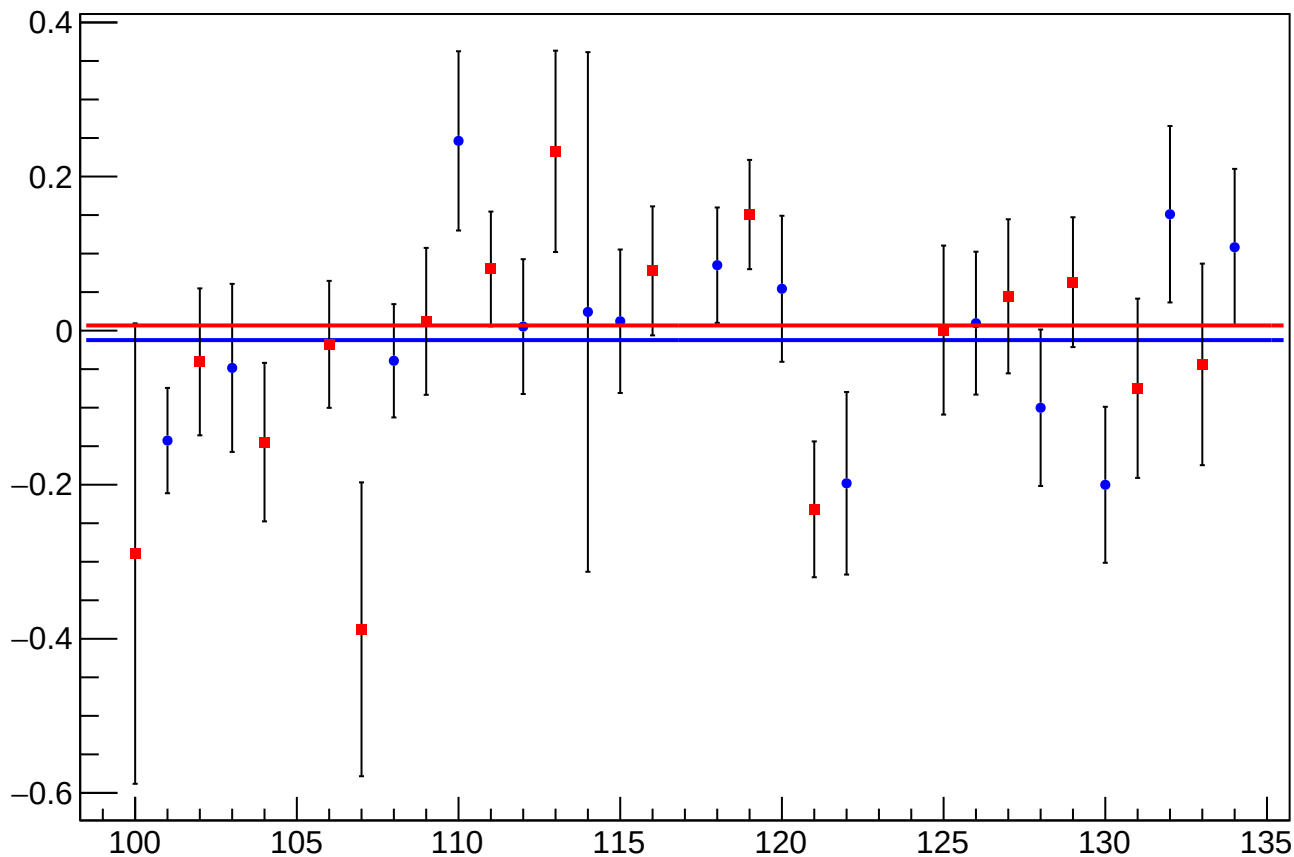
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3537658.3/30

- 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: 0.007 $\pm$ 0.025 χ^2 /NDF: 25.1/15

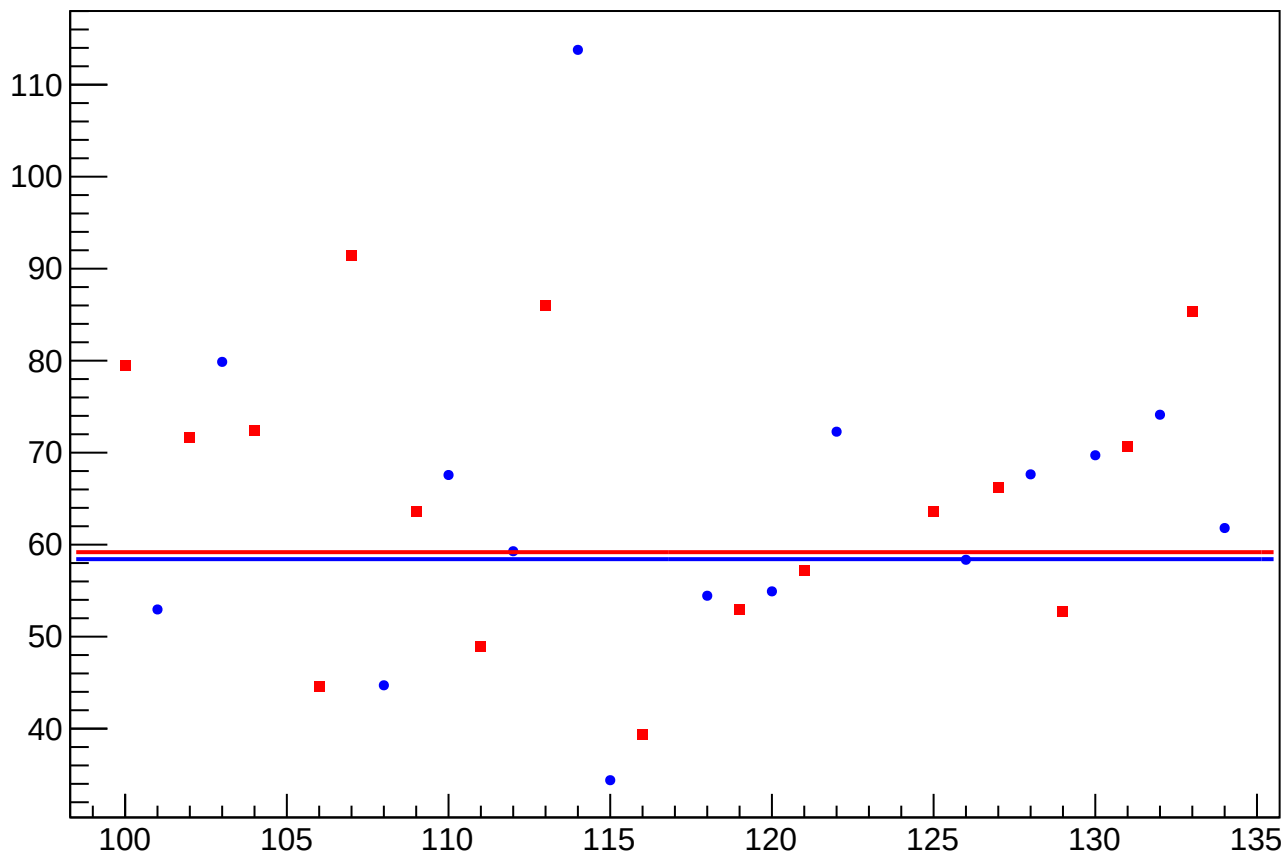
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.003 $\pm$ 0.017 χ^2 /NDF: 46.7/30

- 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: 59.184+/-0.017 χ^2/NDF : 575439.3/15

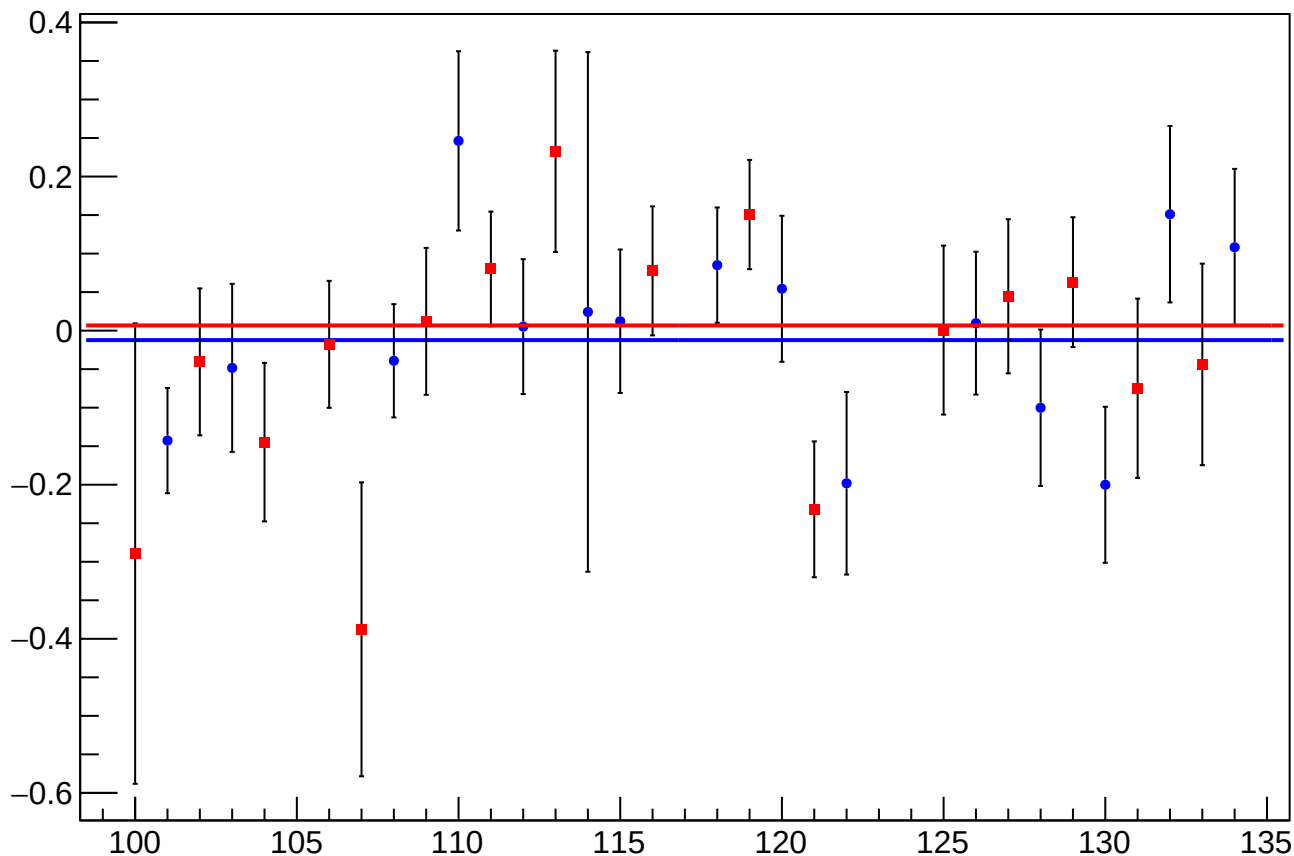
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.805+/-0.012 χ^2/NDF : 1052604.8/30

- 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 ± 0.025 χ^2/NDF : 21.3/14

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

Right Out: 0.007 ± 0.025 χ^2/NDF : 25.1/15

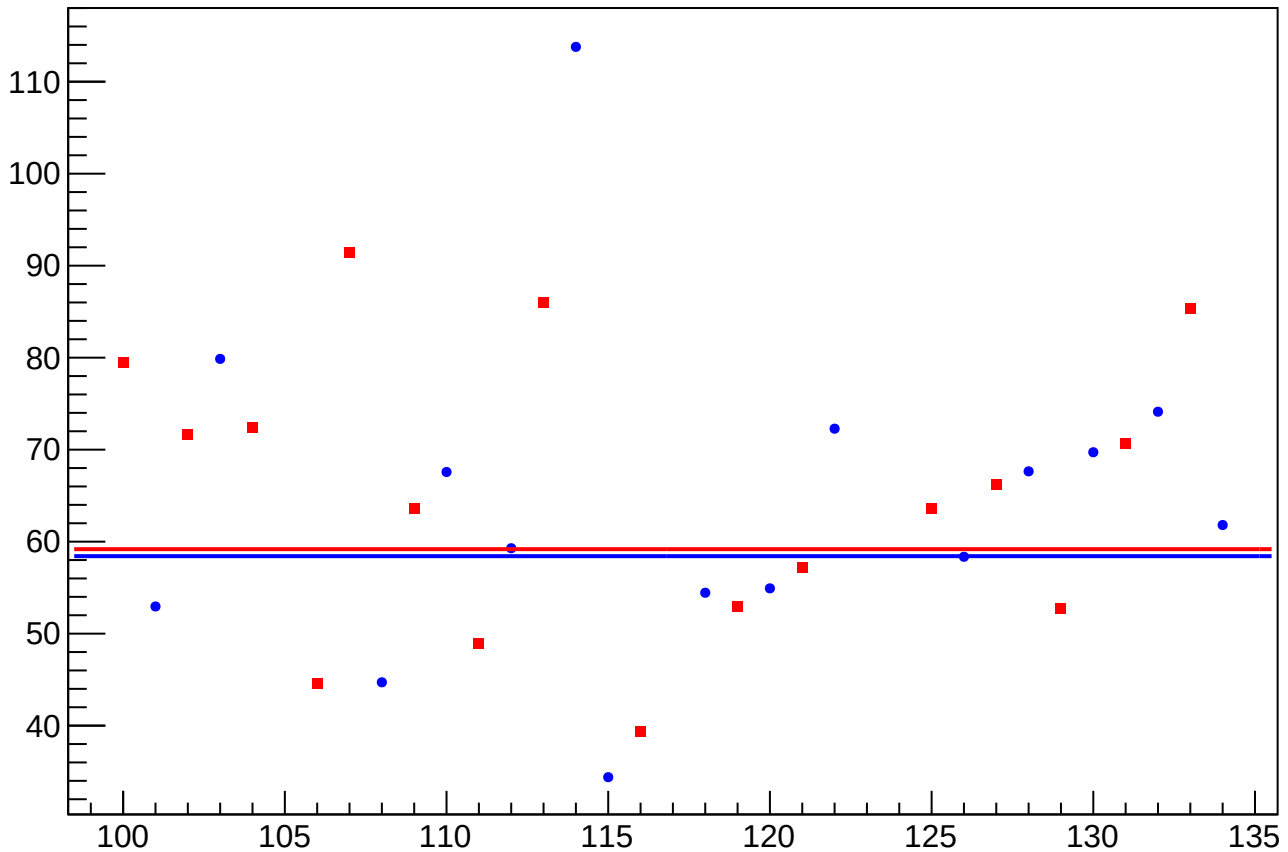
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.003 ± 0.017 χ^2/NDF : 46.7/30

- sign 0.000 ± 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: 59.184+/-0.017 χ^2/NDF : 575439.3/15

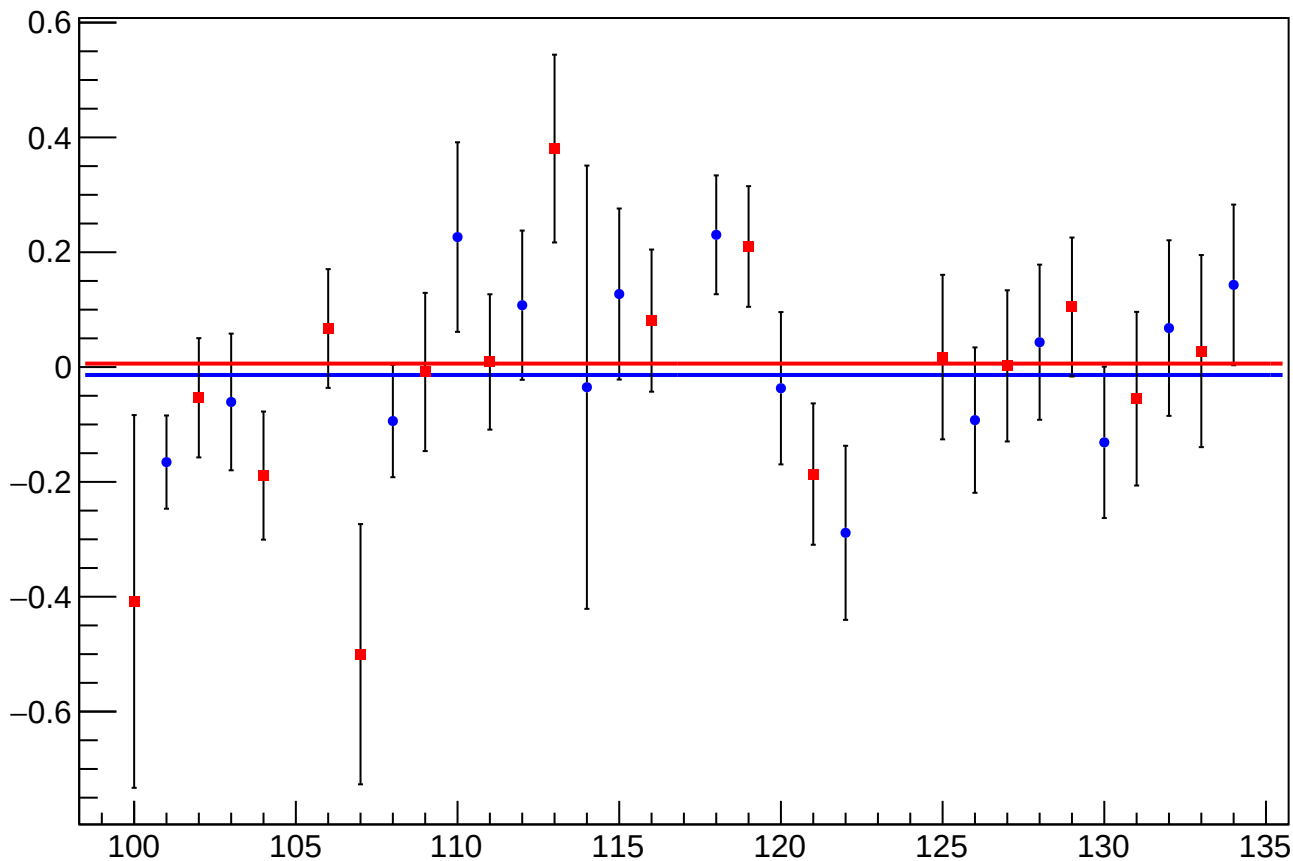
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.805+/-0.012 χ^2/NDF : 1052604.8/30

- 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+/-0.033 χ^2/NDF : 23.0/15

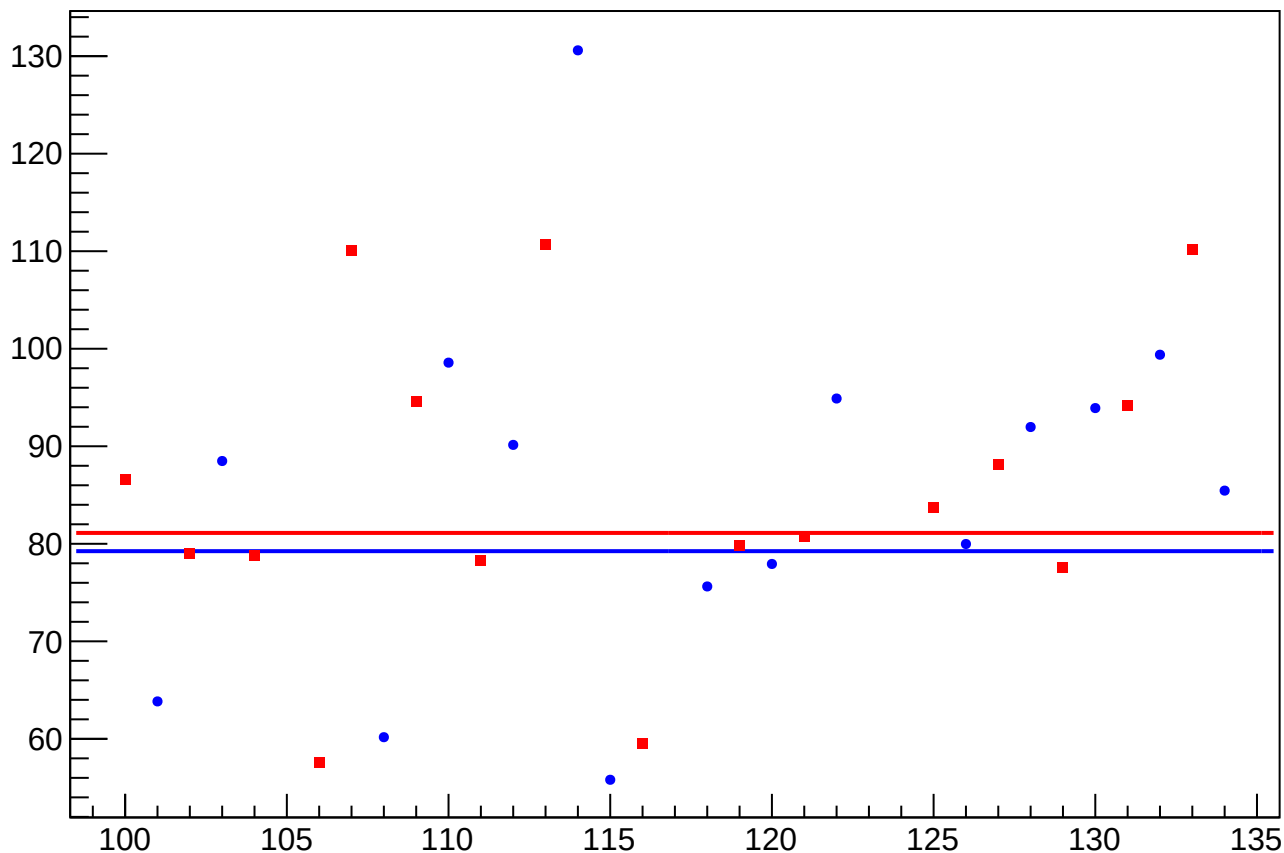
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.023 χ^2/NDF : 43.2/30

- 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: 81.114+/-0.023 χ^2/NDF : 368570.9/15

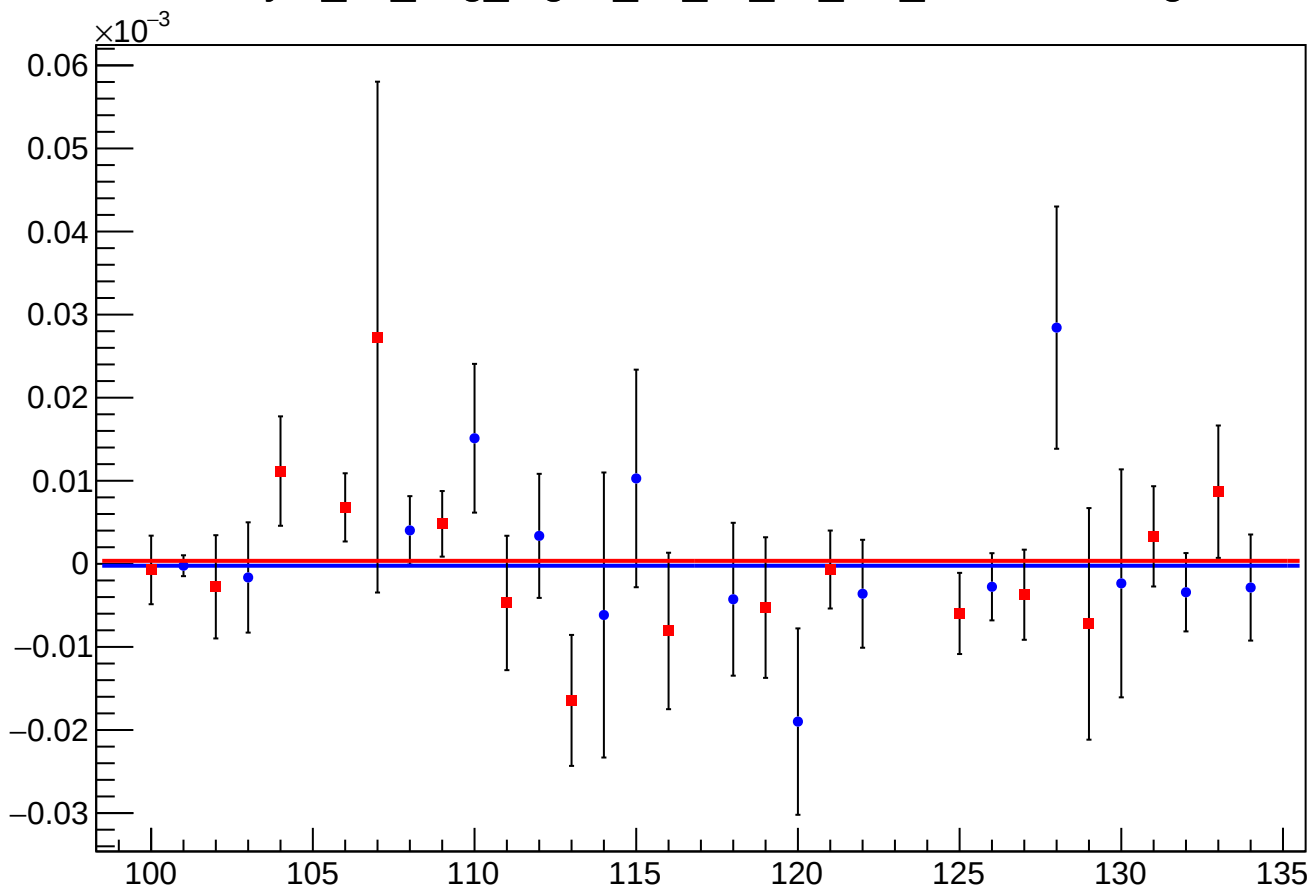
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.178+/-0.016 χ^2/NDF : 763478.6/30

- 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 $\pm$ 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: 17.6/15

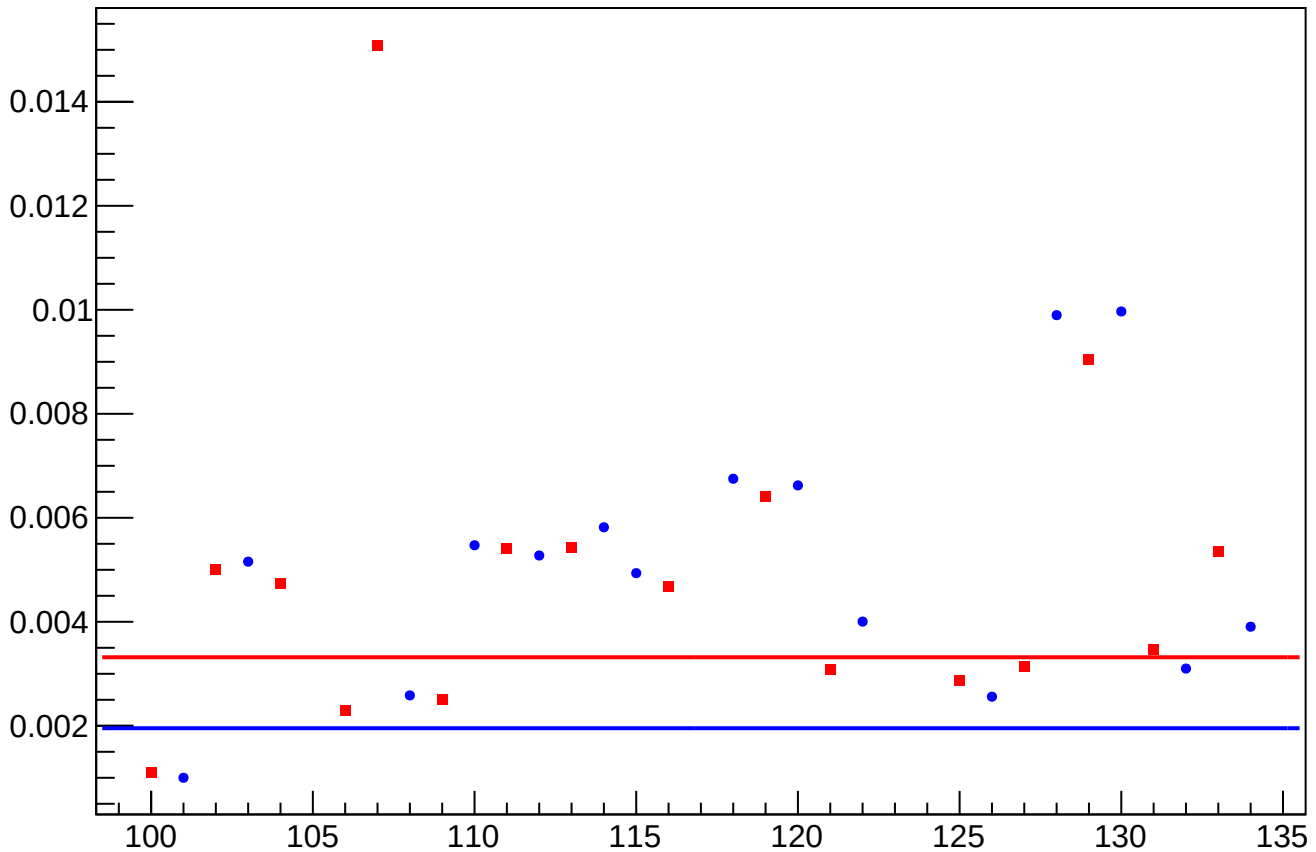
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 30.9/30

- sign 0.000 $\pm$ 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 : 2391539.1/15

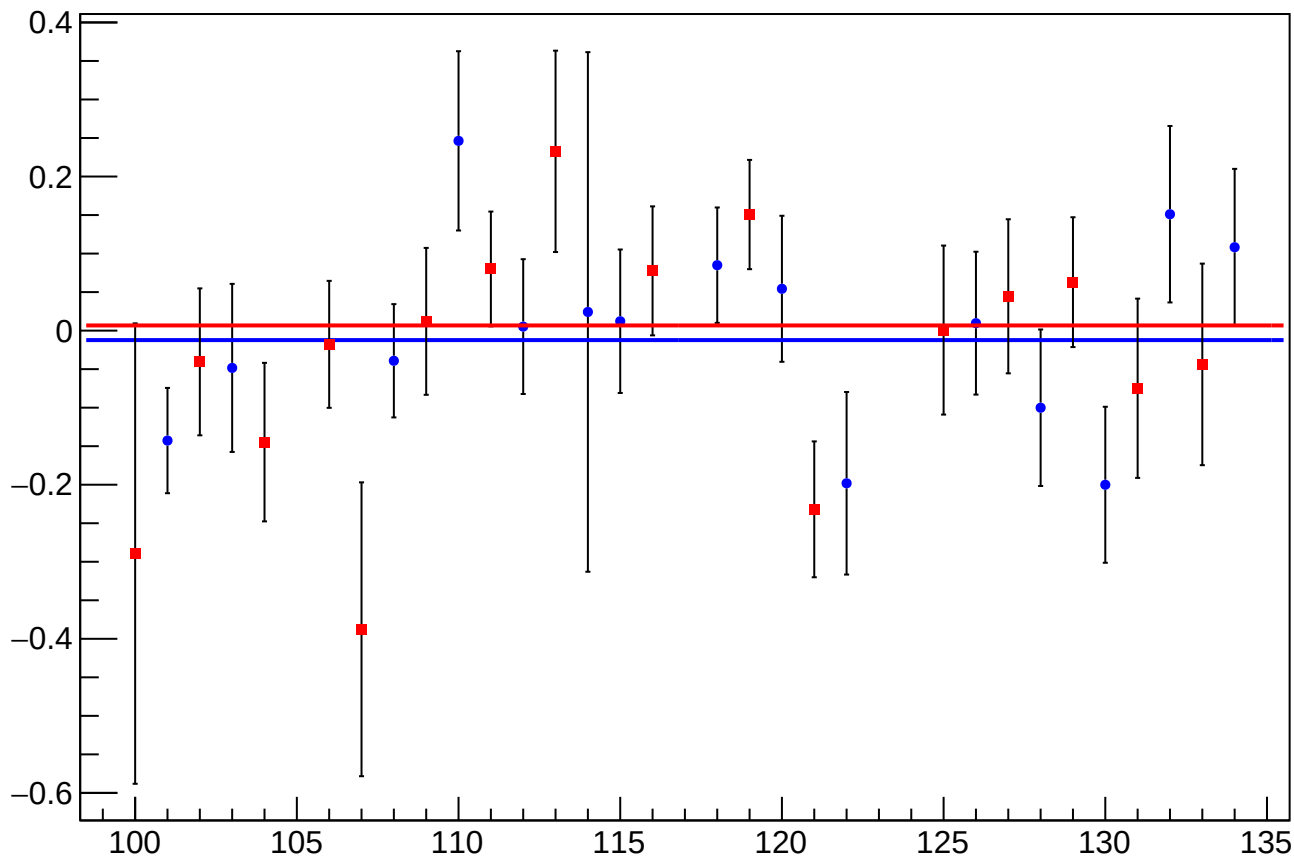
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 8825944.7/30

- 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 ± 0.025 χ^2/NDF : 21.3/14

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

Right Out: 0.007 ± 0.025 χ^2/NDF : 25.1/15

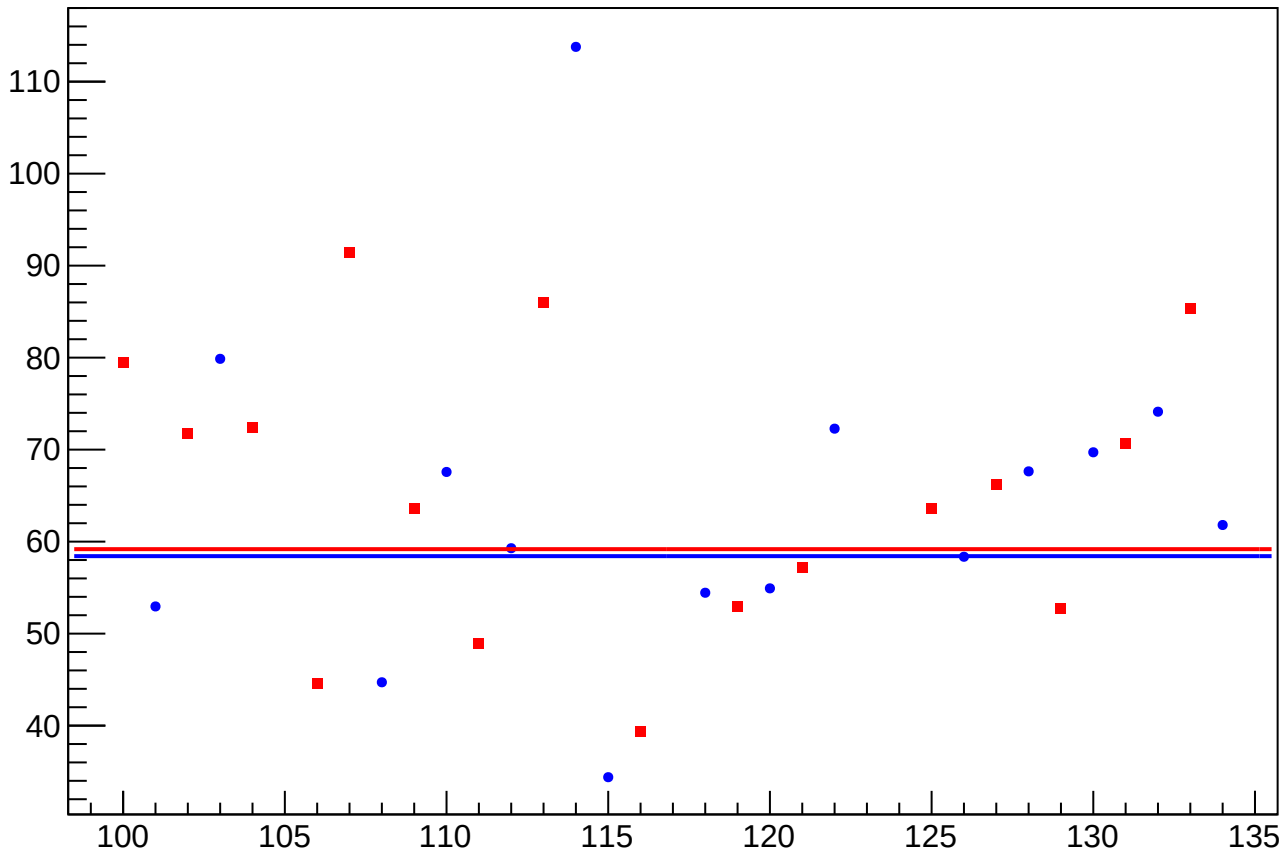
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.003 ± 0.017 χ^2/NDF : 46.7/30

- sign 0.000 ± 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: 59.182+/-0.017 χ^2/NDF : 575457.1/15

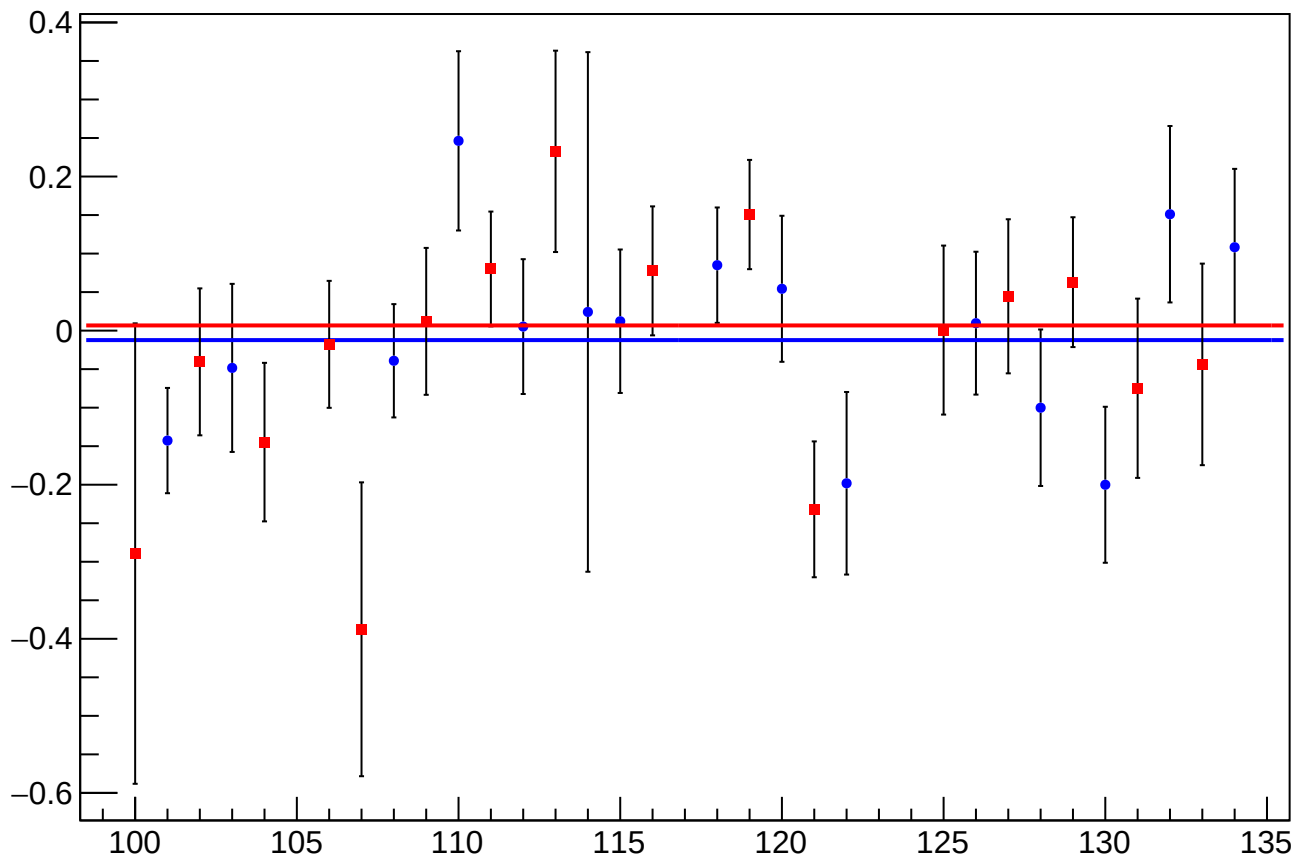
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.803+/-0.012 χ^2/NDF : 1052619.6/30

- 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 $\pm$ 0.025 χ^2 /NDF: 21.3/14

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

Right Out: 0.007 $\pm$ 0.025 χ^2 /NDF: 25.1/15

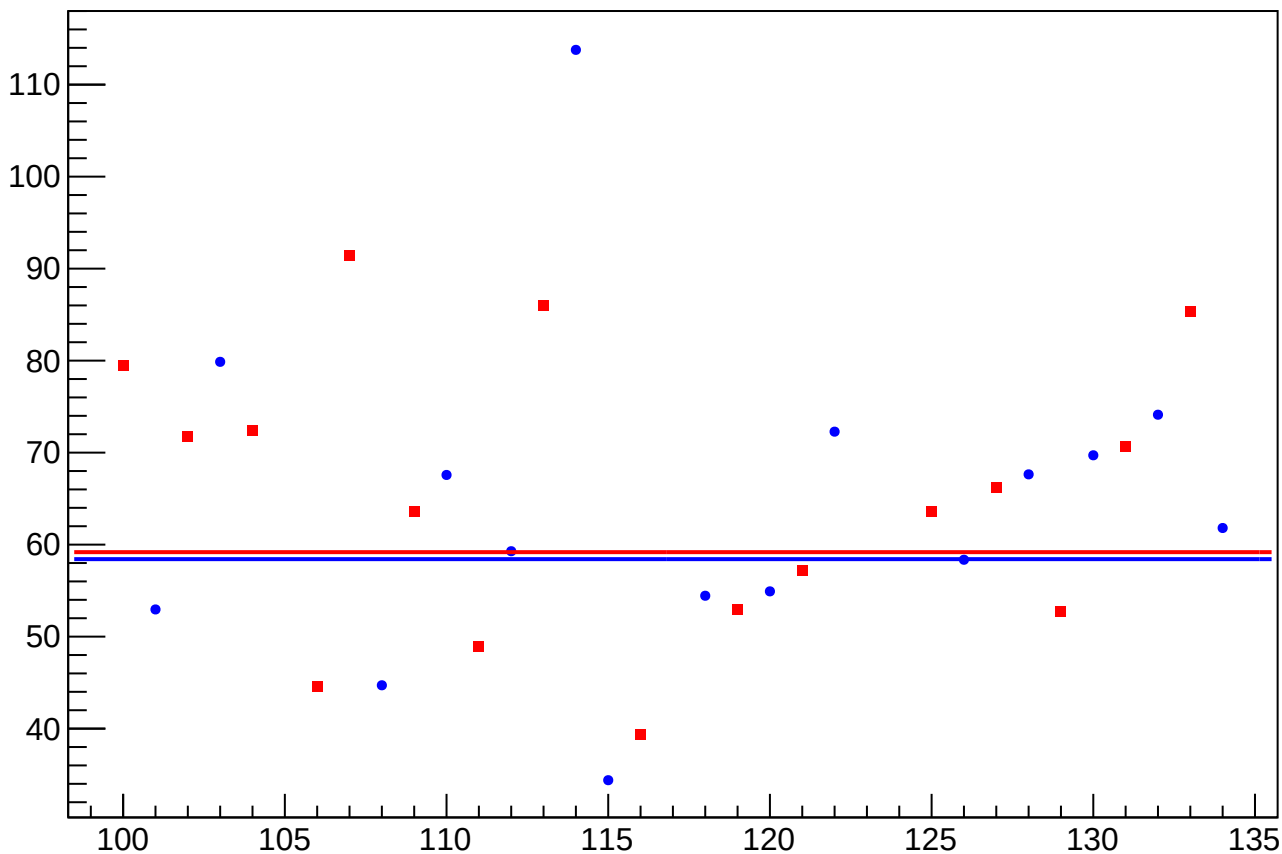
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.003 $\pm$ 0.017 χ^2 /NDF: 46.7/30

- sign 0.000 $\pm$ 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: 59.182+/-0.017 χ^2/NDF : 575457.1/15

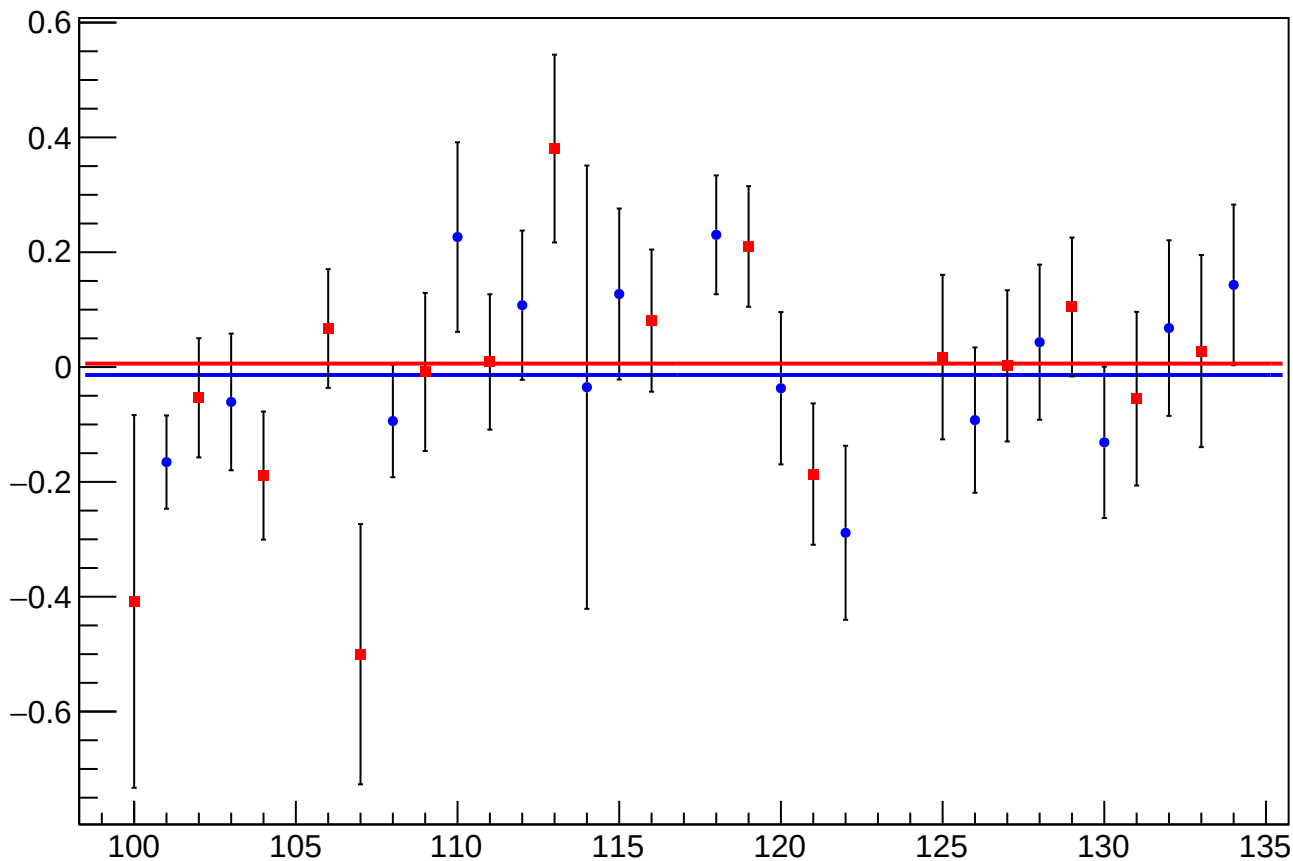
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.803+/-0.012 χ^2/NDF : 1052619.6/30

- 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+/-0.033 χ^2/NDF : 23.0/15

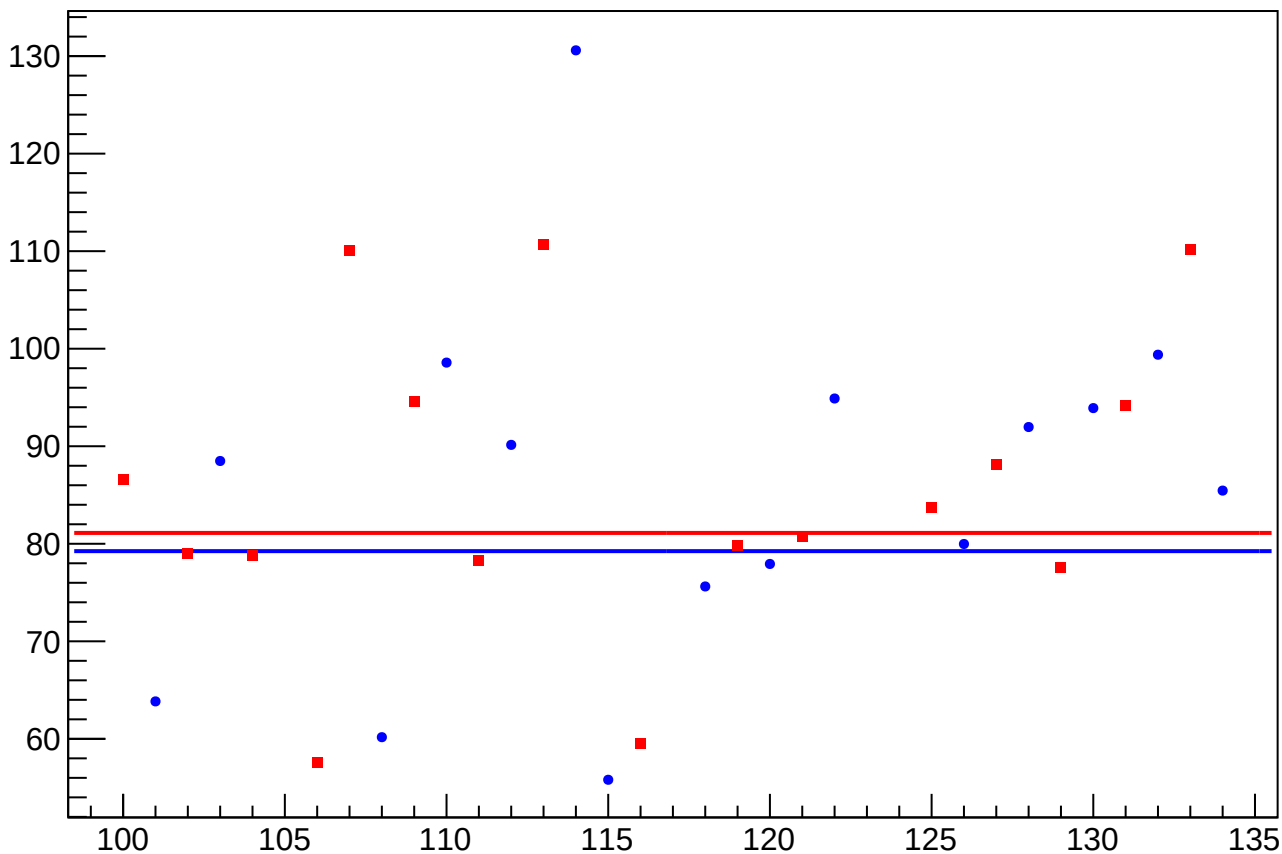
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.023 χ^2/NDF : 43.2/30

- 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: 81.113+/-0.023 χ^2/NDF : 368563.0/15

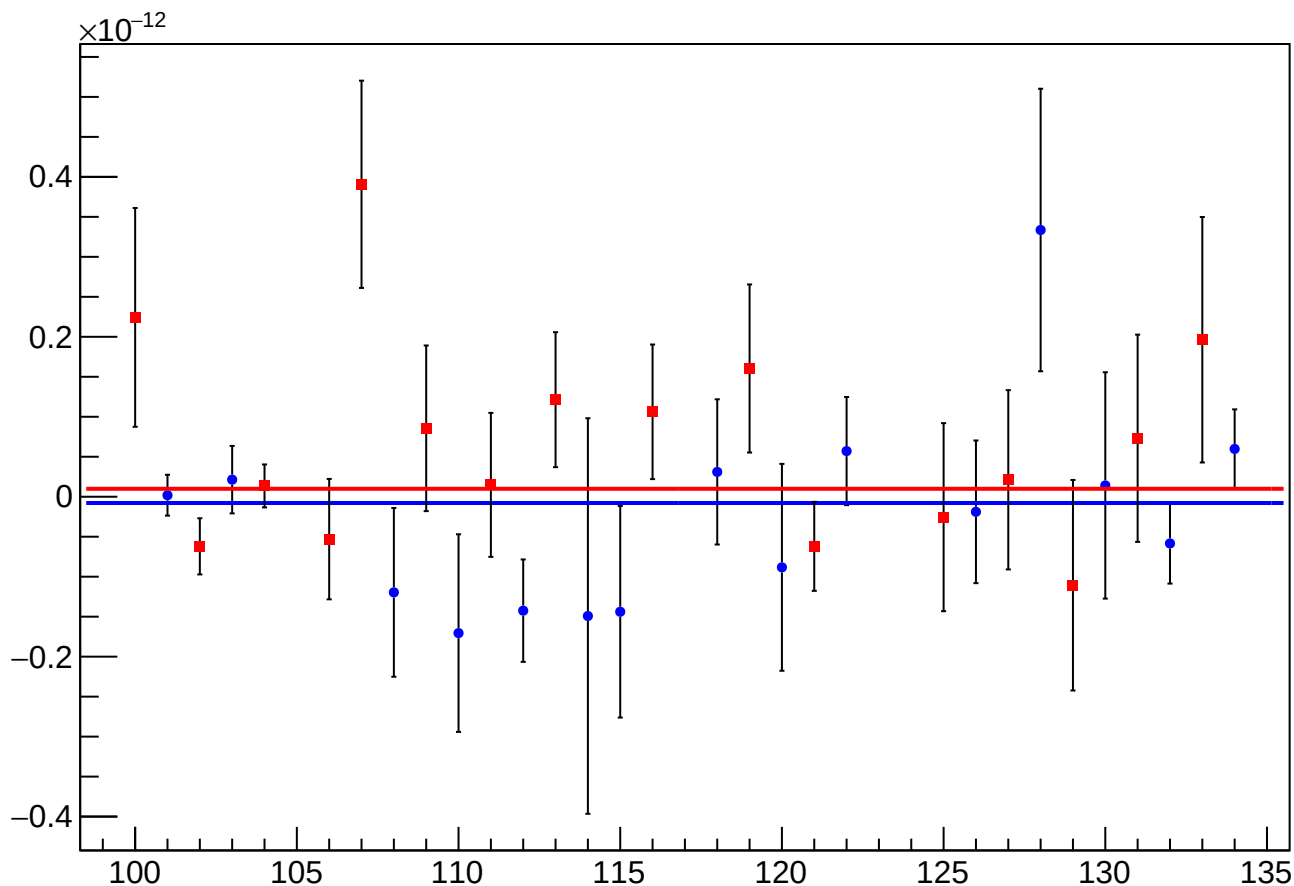
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.177+/-0.016 χ^2/NDF : 763451.3/30

- 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 $\pm$ 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: 26.0/15

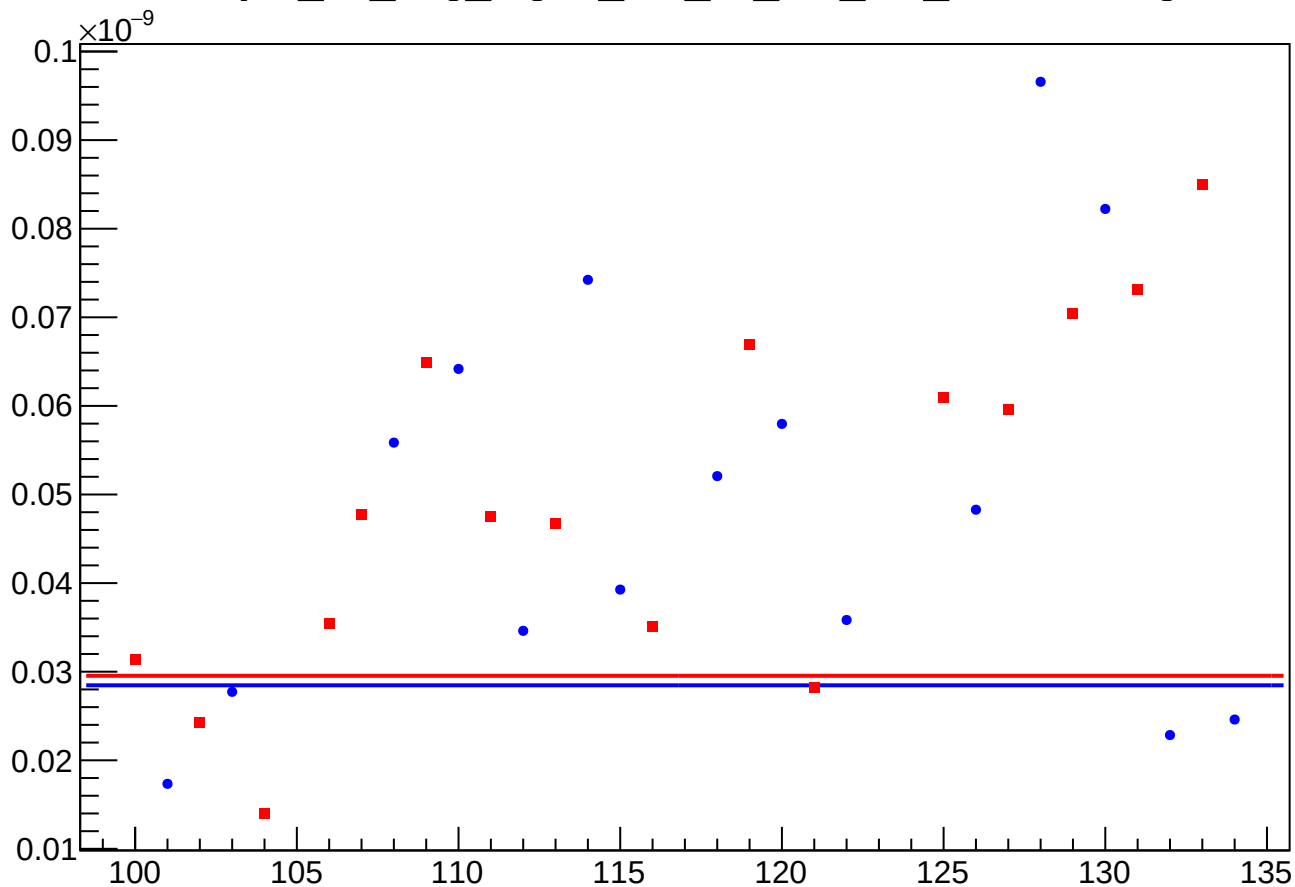
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 44.0/30

- sign 0.000 $\pm$ 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 : 176637.5/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2394307.7/15

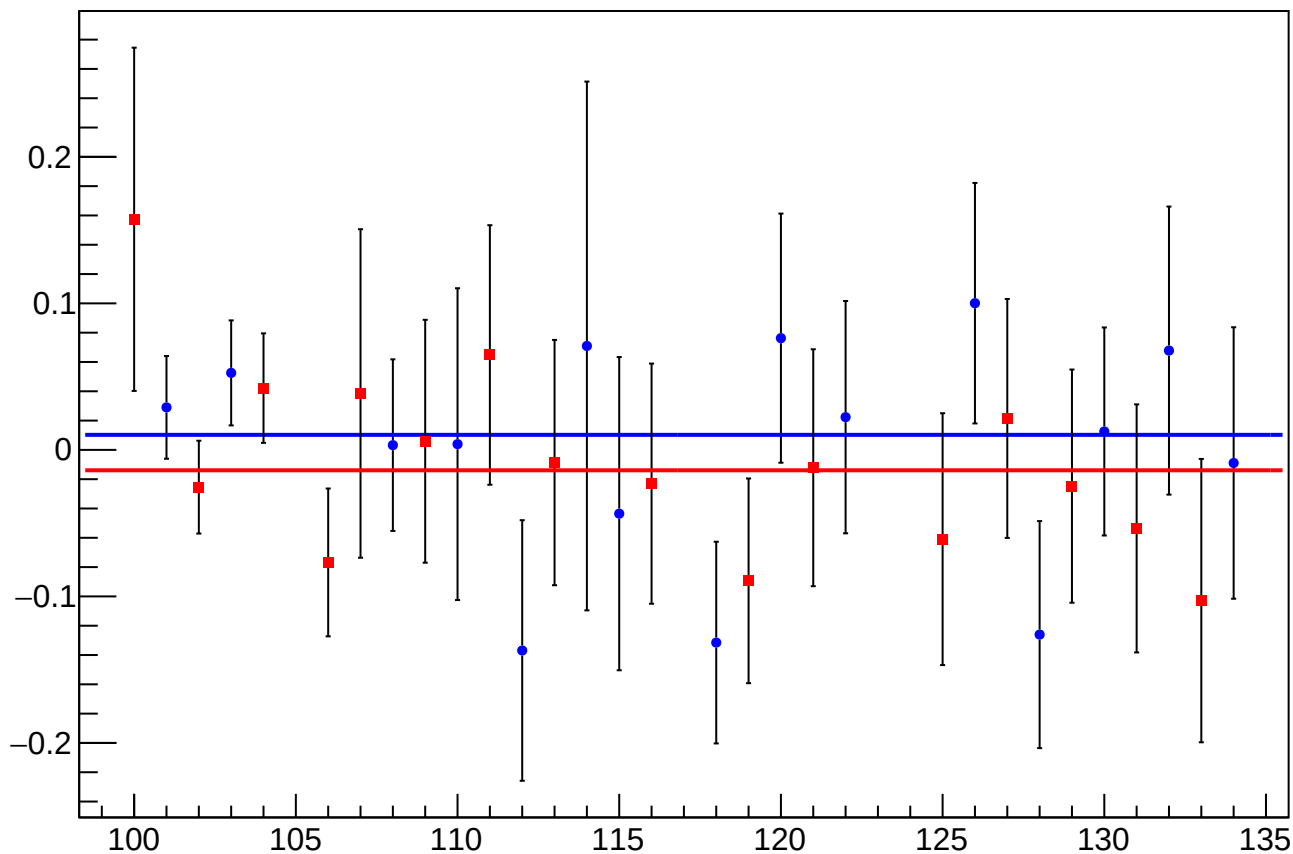
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4165393.5/30

- 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: -0.014 $\pm$ 0.016 χ^2 /NDF: 9.9/15

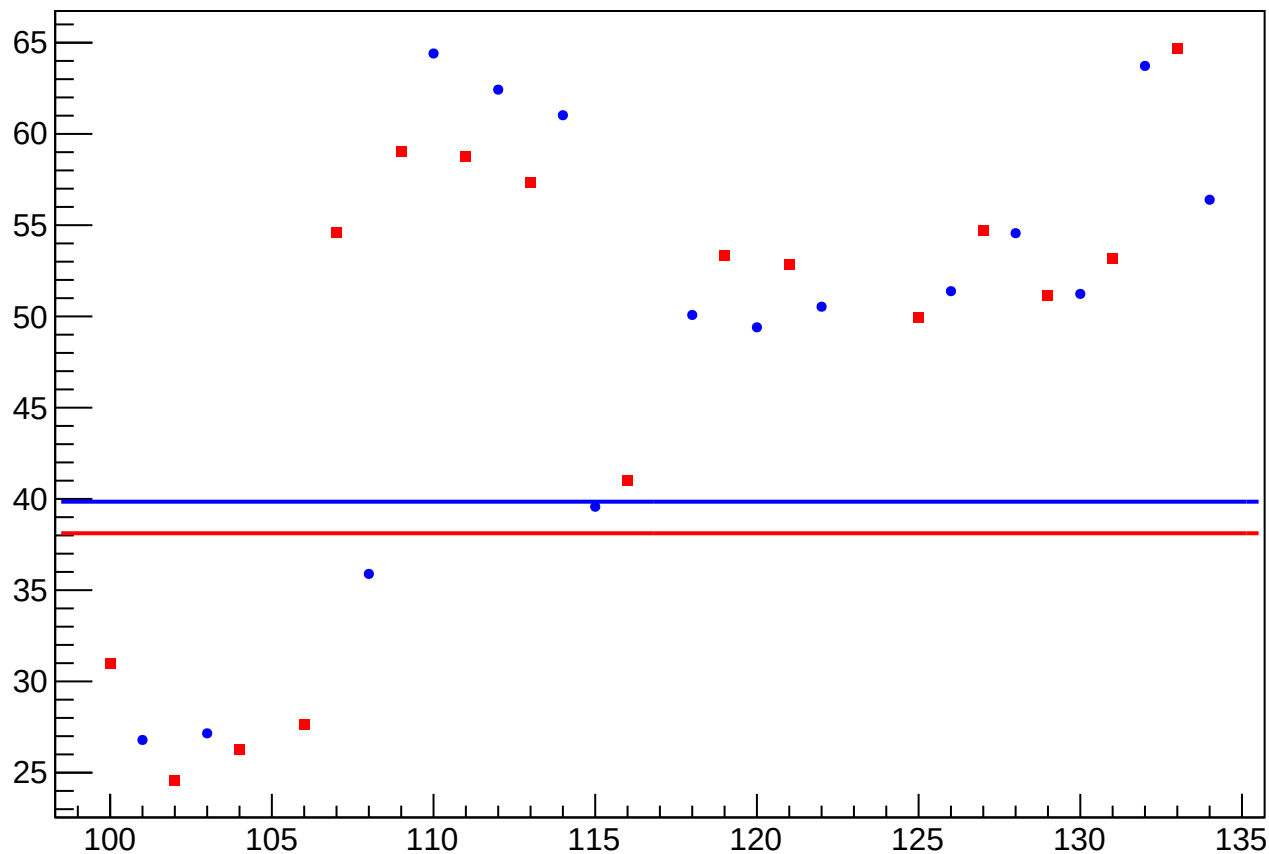
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.003 $\pm$ 0.012 χ^2 /NDF: 25.3/30

- 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: 38.119+/-0.011 χ^2/NDF : 1596739.9/15

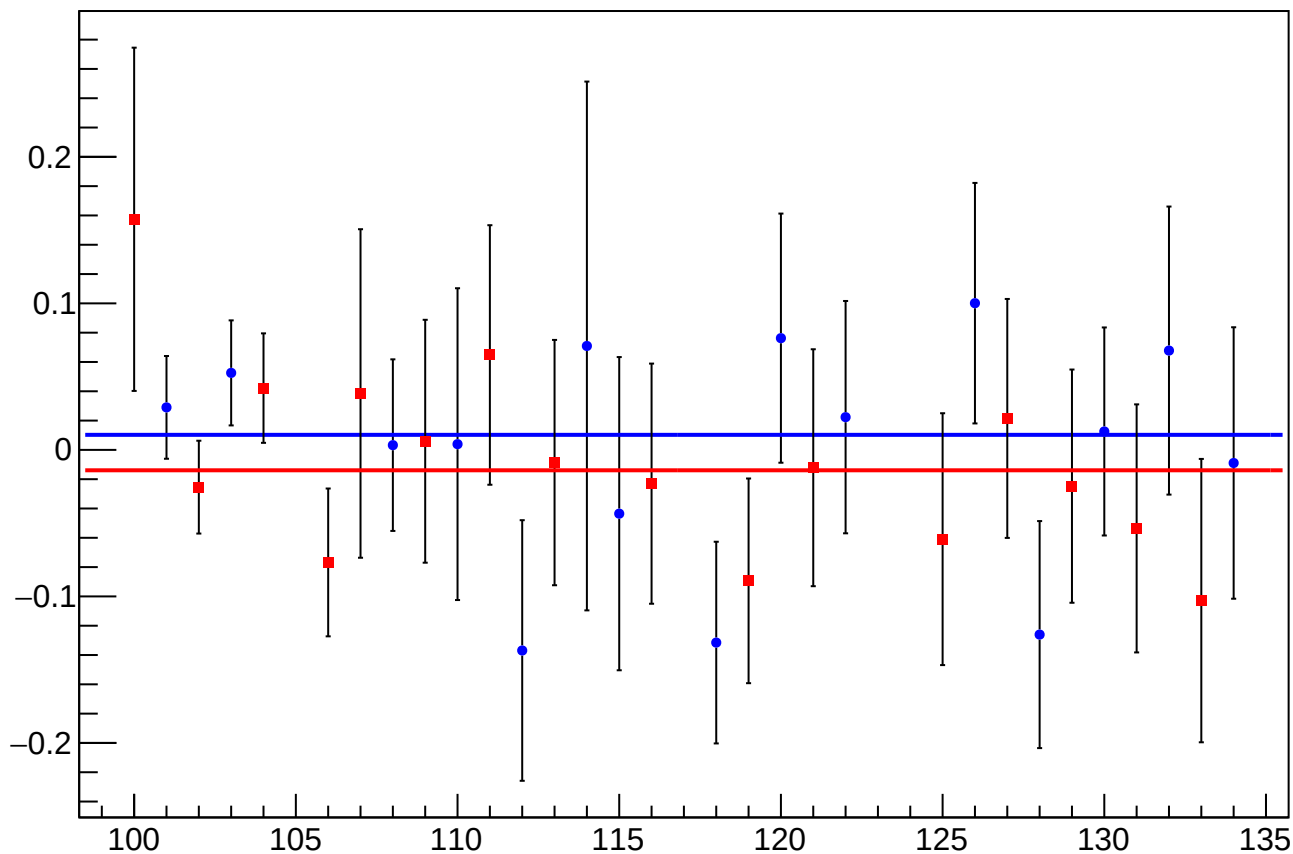
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.935+/-0.008 χ^2/NDF : 2858654.7/30

- 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: -0.014 $\pm$ 0.016 χ^2 /NDF: 9.9/15

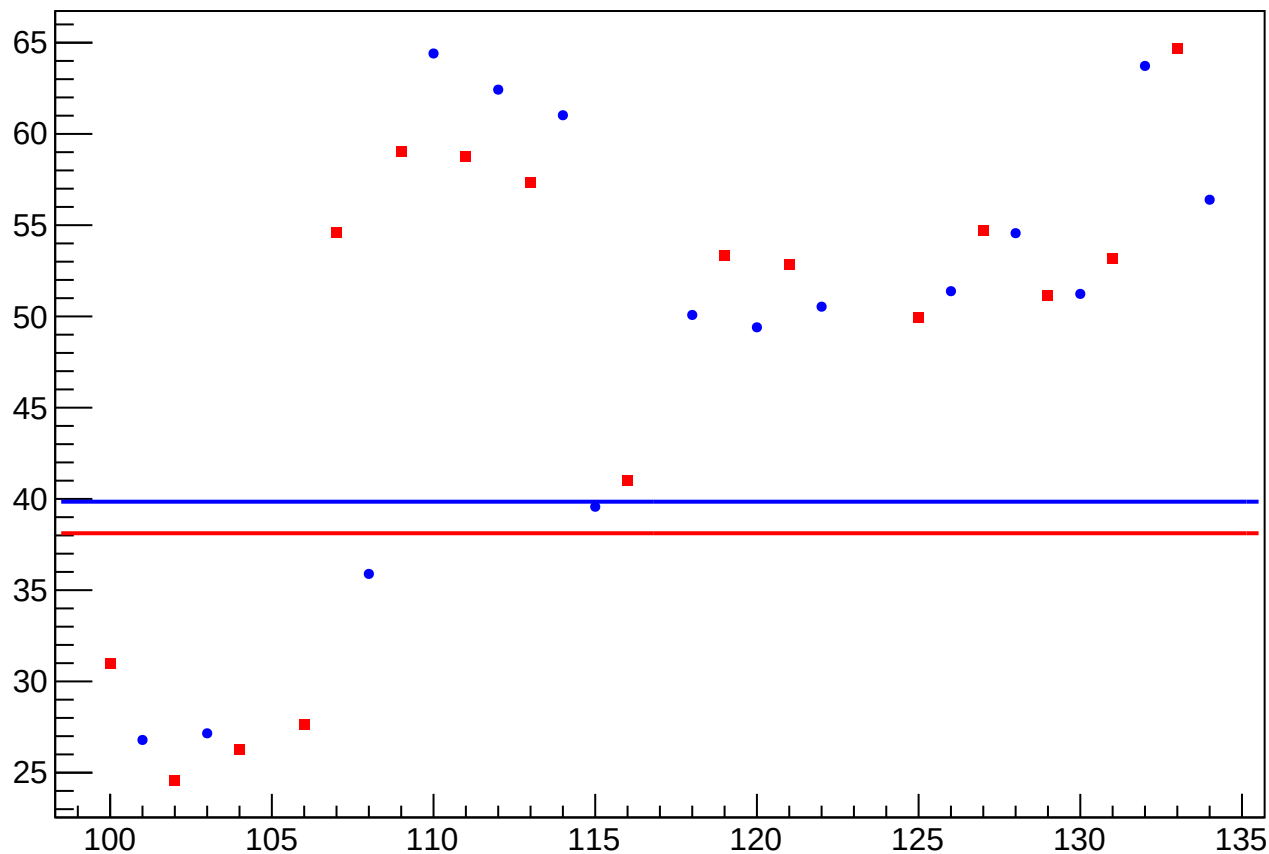
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.003 $\pm$ 0.012 χ^2 /NDF: 25.3/30

- 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: 38.119+/-0.011 χ^2/NDF : 1596739.9/15

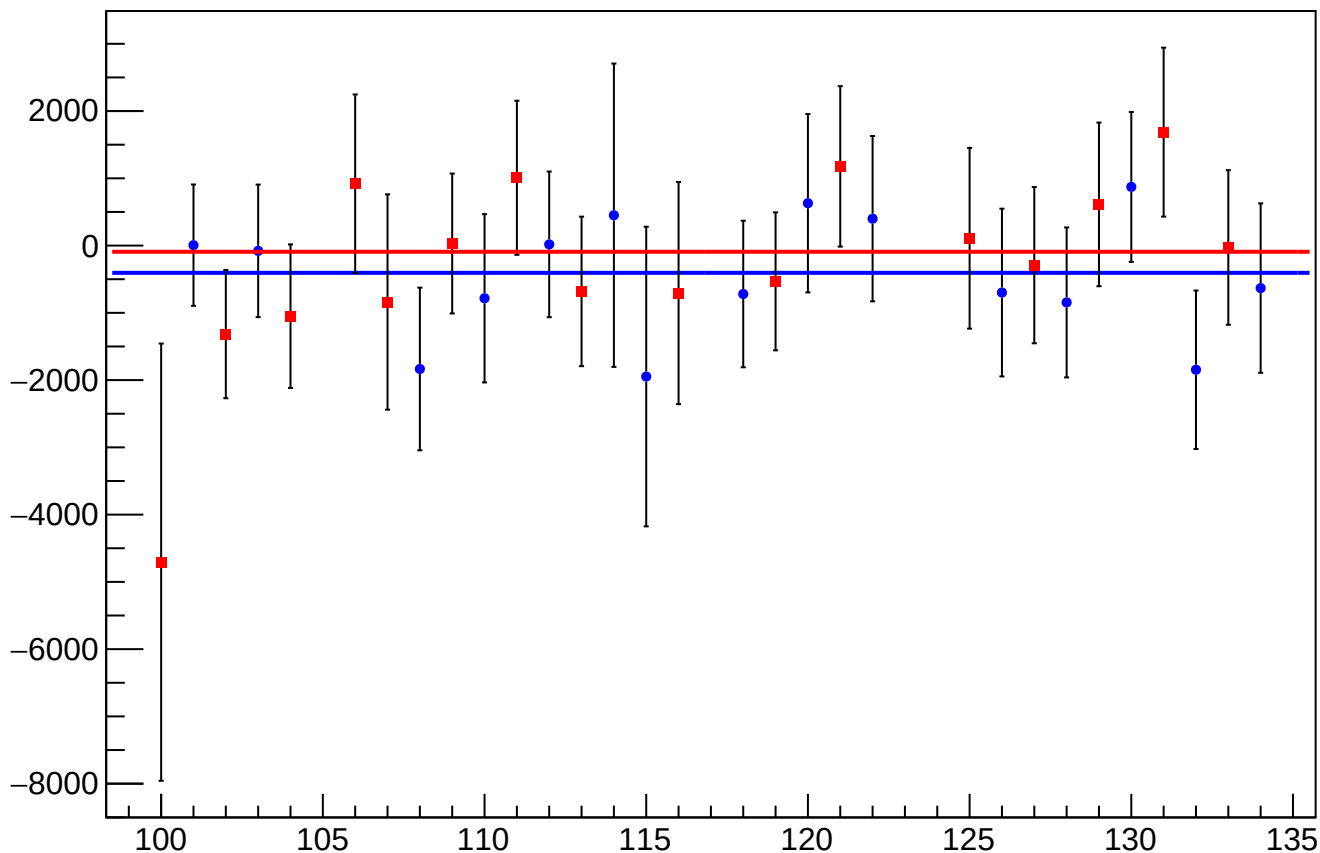
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.935+/-0.008 χ^2/NDF : 2858654.7/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_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: -92.144+/-302.780 χ^2 /NDF: 10.3/15

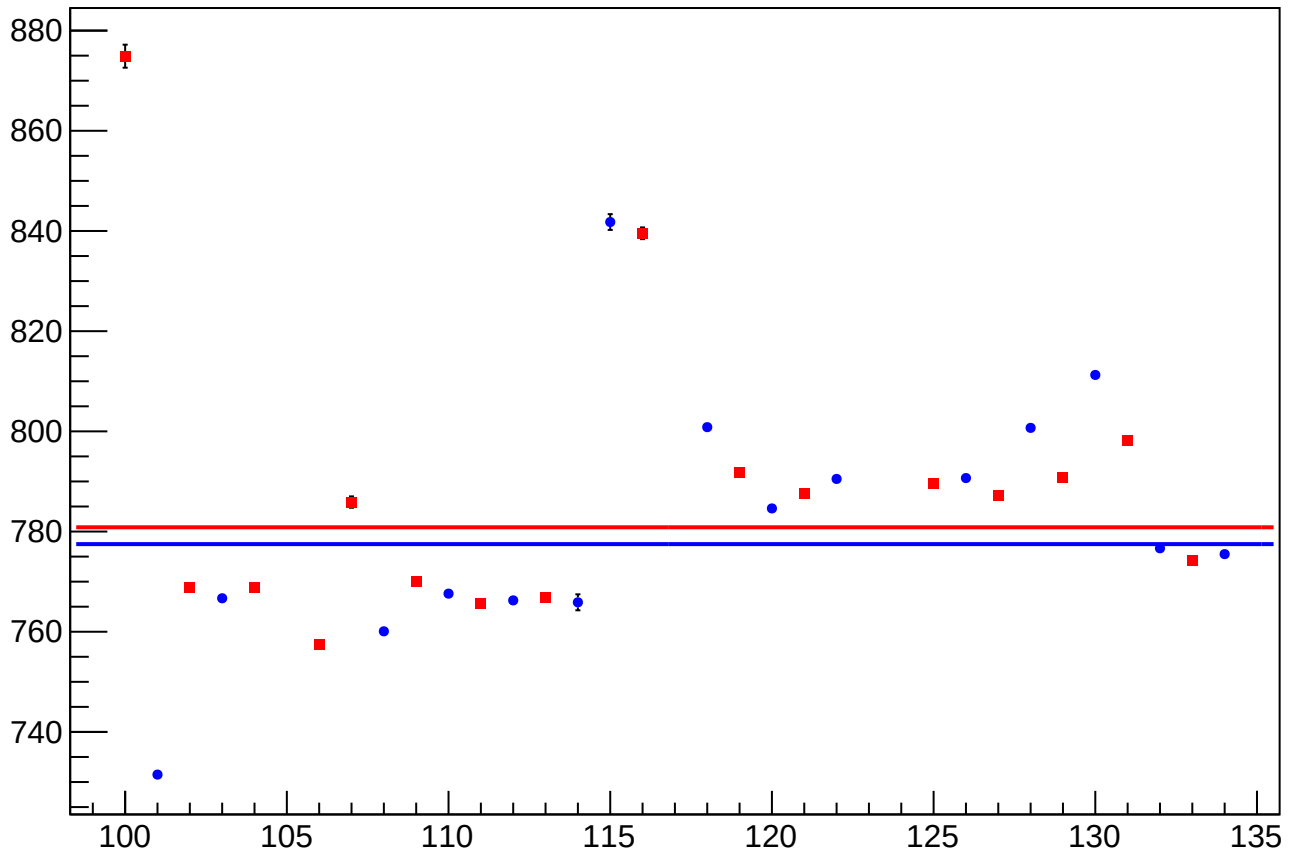
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -245.655+/-216.084 χ^2 /NDF: 17.6/30

- sign 0.000+/-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: 780.850 $\pm$ 0.214 χ^2 /NDF: 7315.7/15

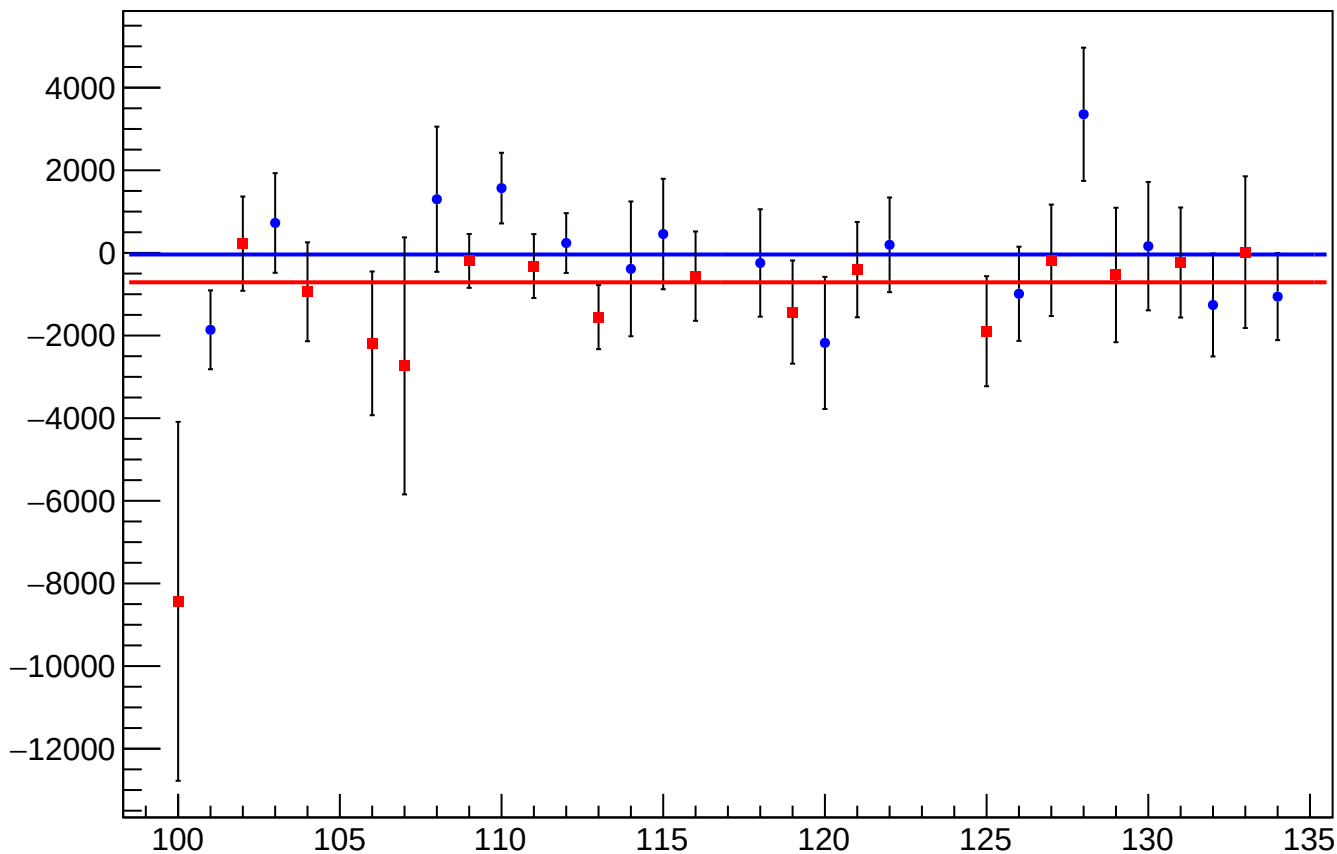
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 779.202 $\pm$ 0.153 χ^2 /NDF: 19486.1/30

- 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: -711.078 ± 285.777 χ^2/NDF : 8.8/15

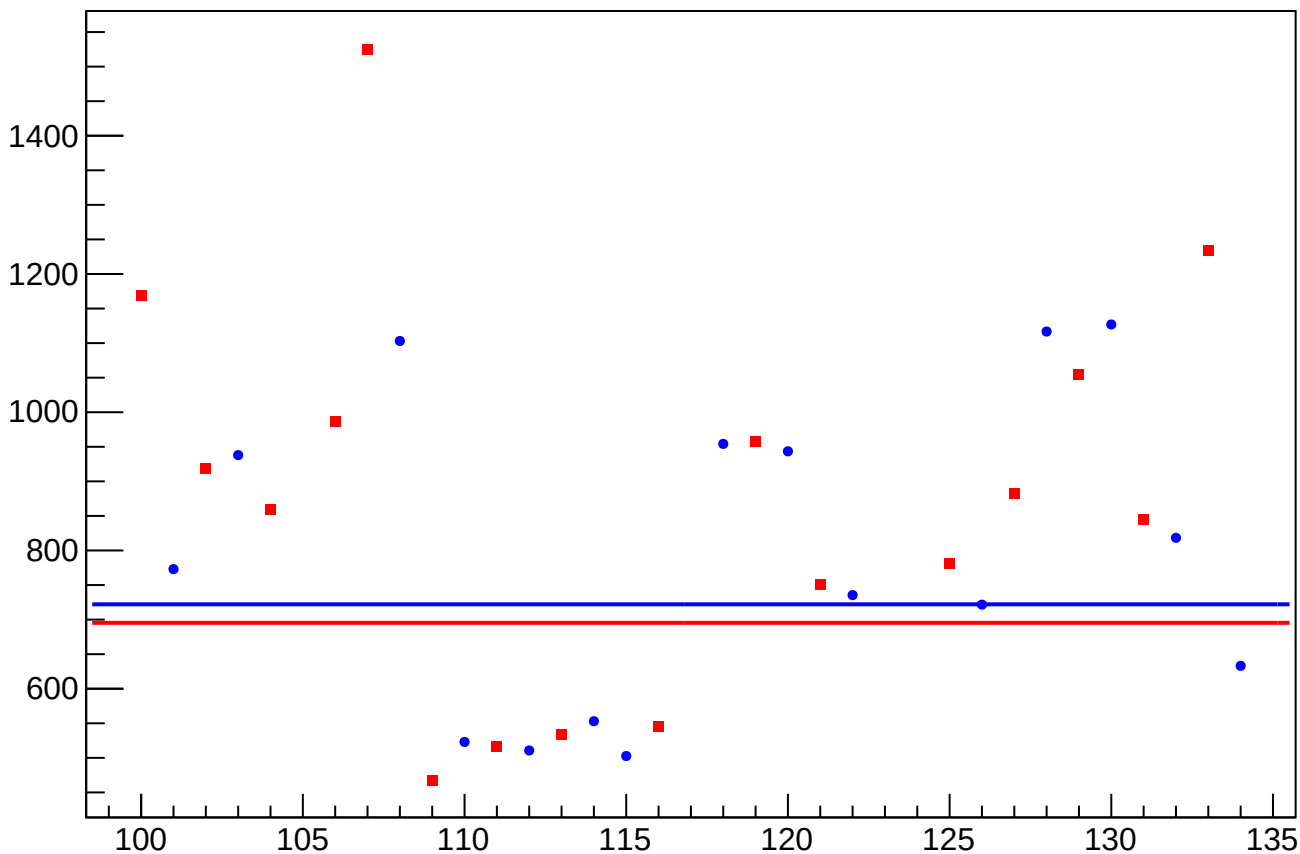
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -389.859 ± 206.607 χ^2/NDF : 28.8/30

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

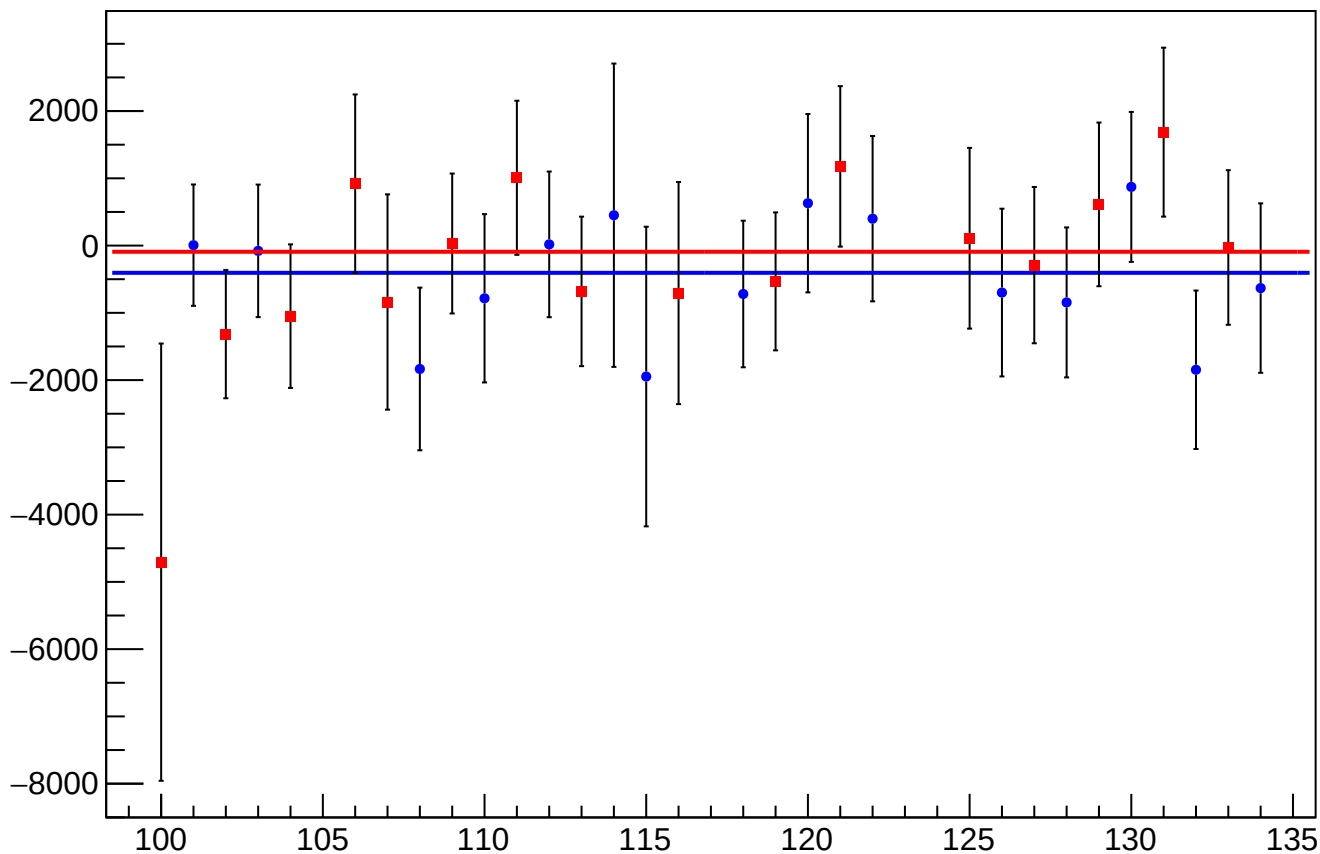
Right Out: 695.333+/-0.202 χ^2/NDF : 1248656.0/15

All: 708.121+/-0.146 χ^2/NDF : 2159587.0/30

- 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_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: -92.144 ± 302.780 χ^2/NDF : 10.3/15

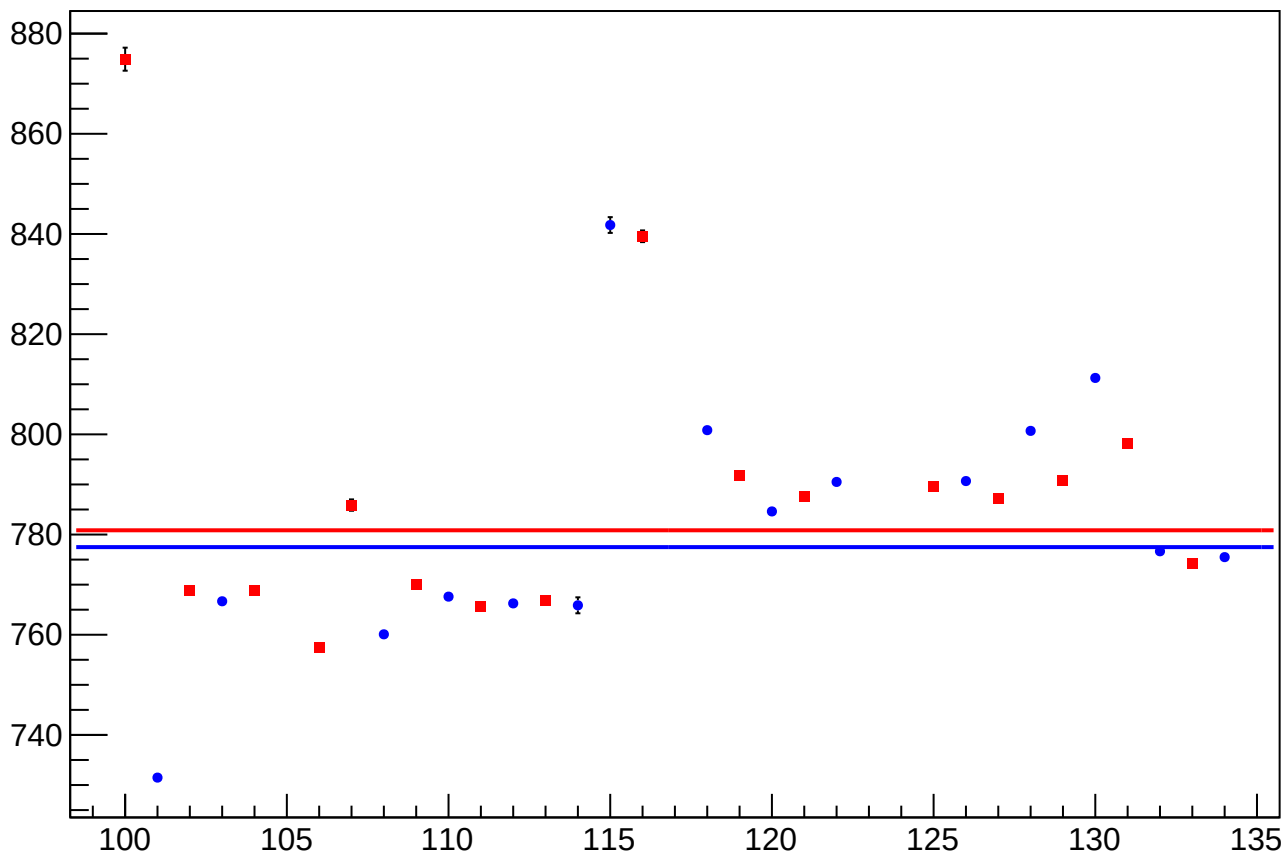
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -245.655 ± 216.084 χ^2/NDF : 17.6/30

- 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: 780.850 $\pm$ 0.214 χ^2 /NDF: 7315.7/15

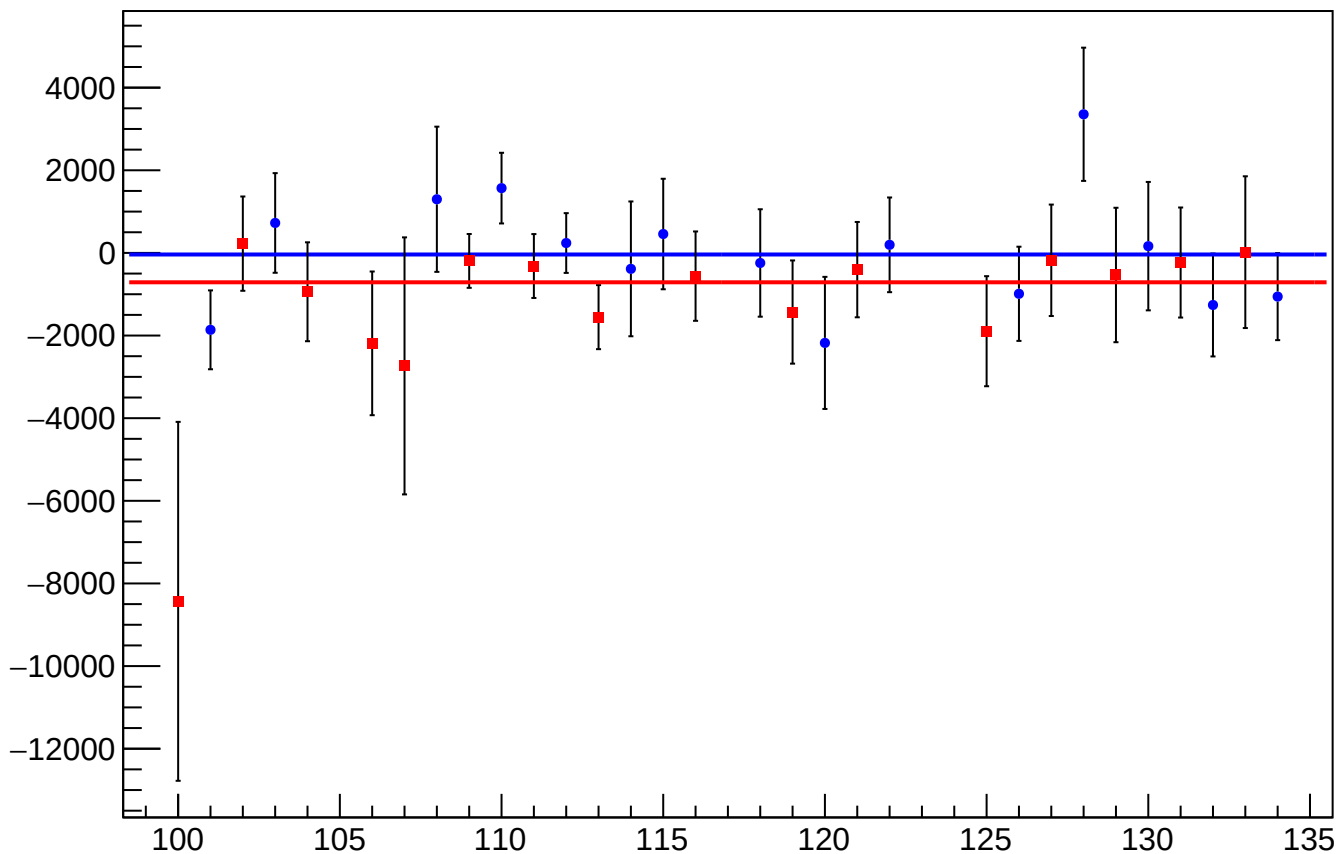
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 779.202 $\pm$ 0.153 χ^2 /NDF: 19486.1/30

- 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: -711.078 ± 285.777 χ^2/NDF : 8.8/15

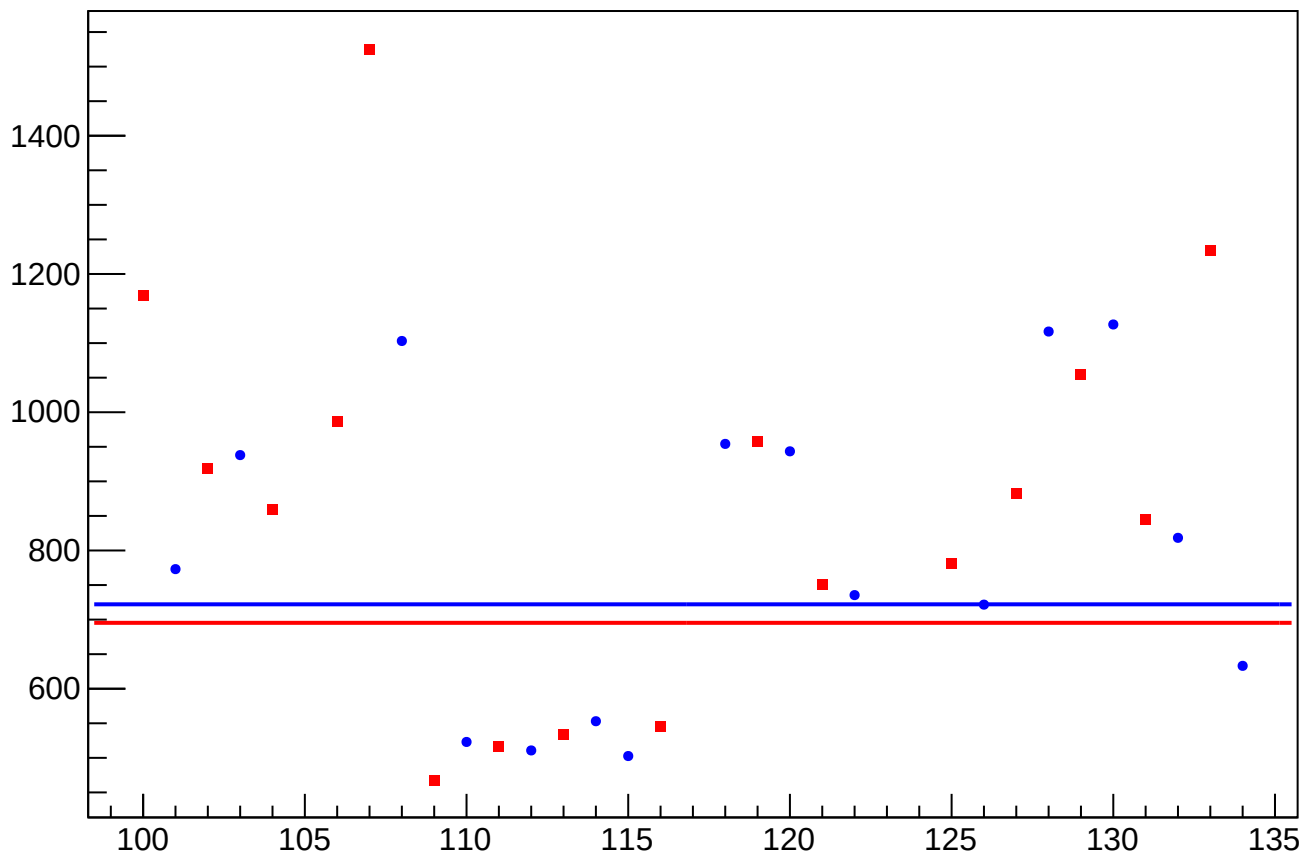
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -389.859 ± 206.607 χ^2/NDF : 28.8/30

- 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

Right Out: 695.333+/-0.202 χ^2/NDF : 1248656.0/15

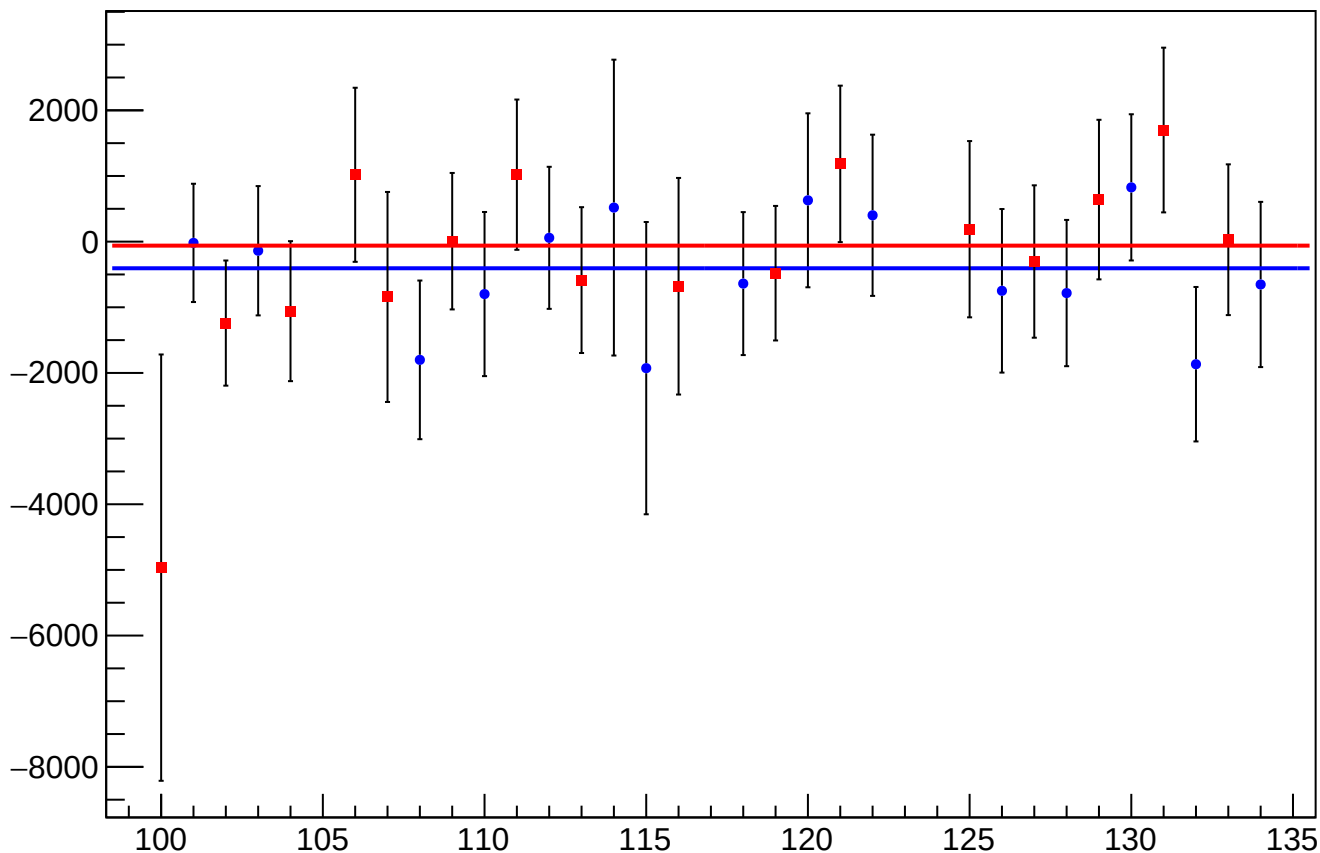
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 708.121+/-0.146 χ^2/NDF : 2159587.0/30

- sign 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: -60.939 ± 302.502 χ^2/NDF : 10.5/15

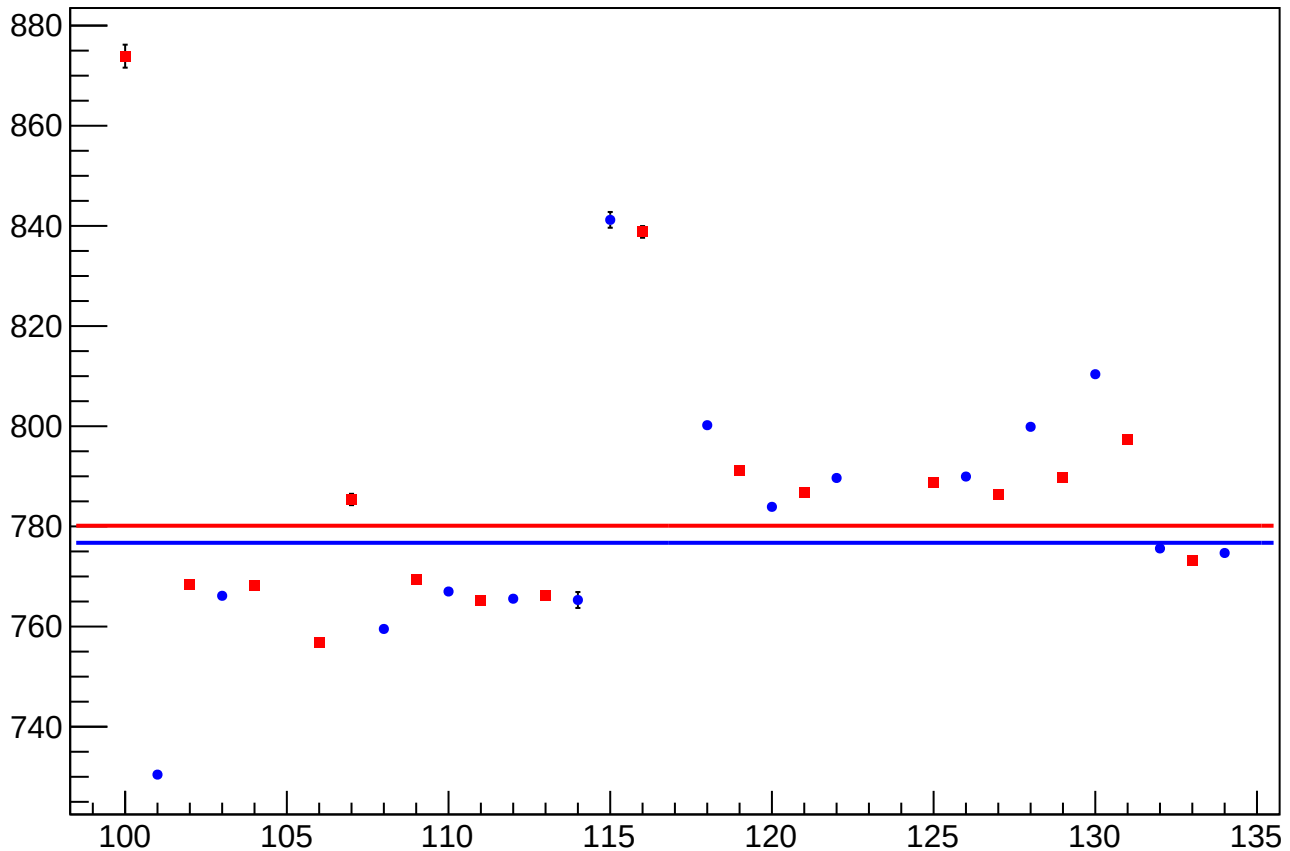
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -230.088 ± 215.878 χ^2/NDF : 17.7/30

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

overload_cor_asym_us_dd_rms vs Slug



Right In: 776.724+/-0.218 χ^2/NDF : 12117.5/14

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

Right Out: 780.134+/-0.214 χ^2/NDF : 7273.3/15

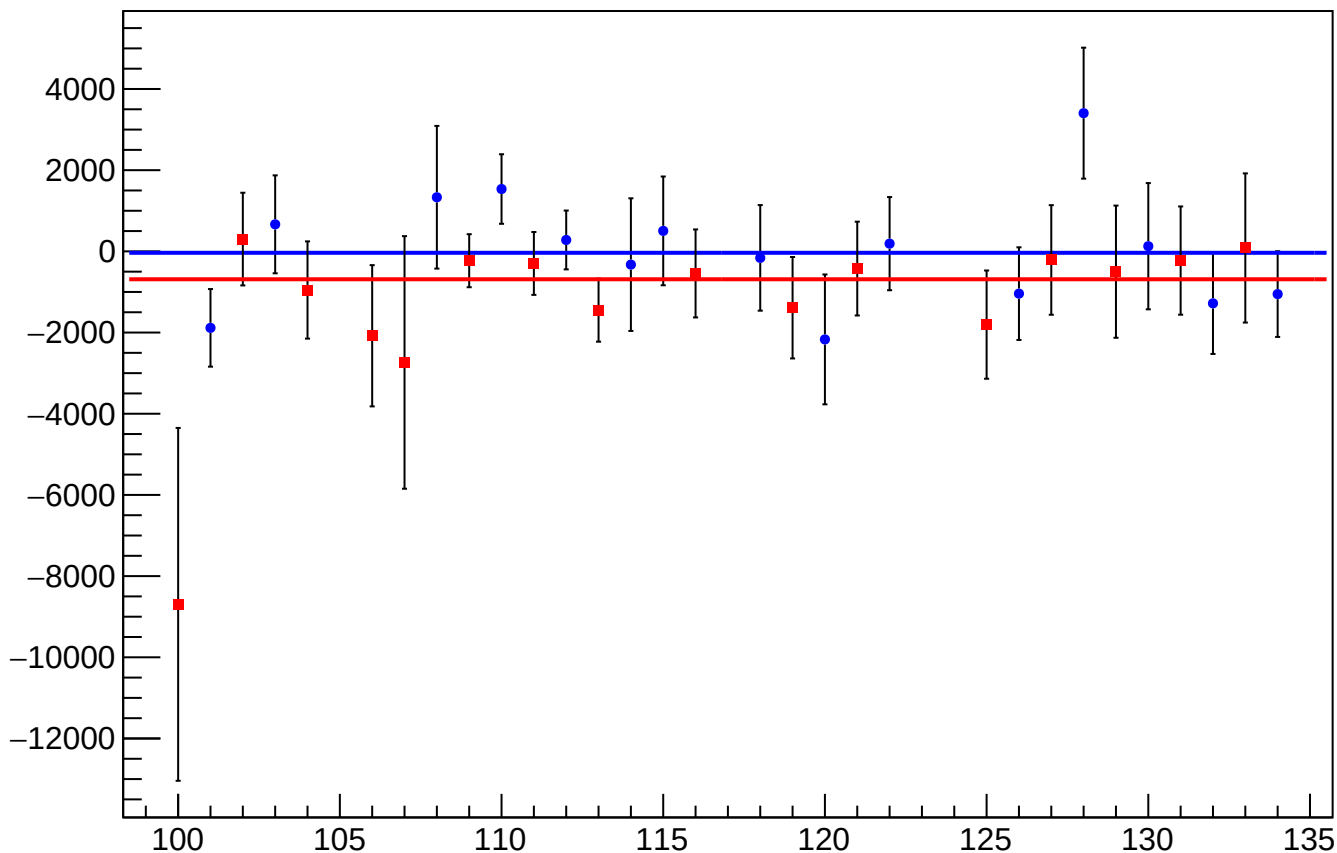
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 778.461+/-0.153 χ^2/NDF : 19515.4/30

- sign 0.000+/-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: -687.264 ± 286.191 χ^2/NDF : 8.5/15

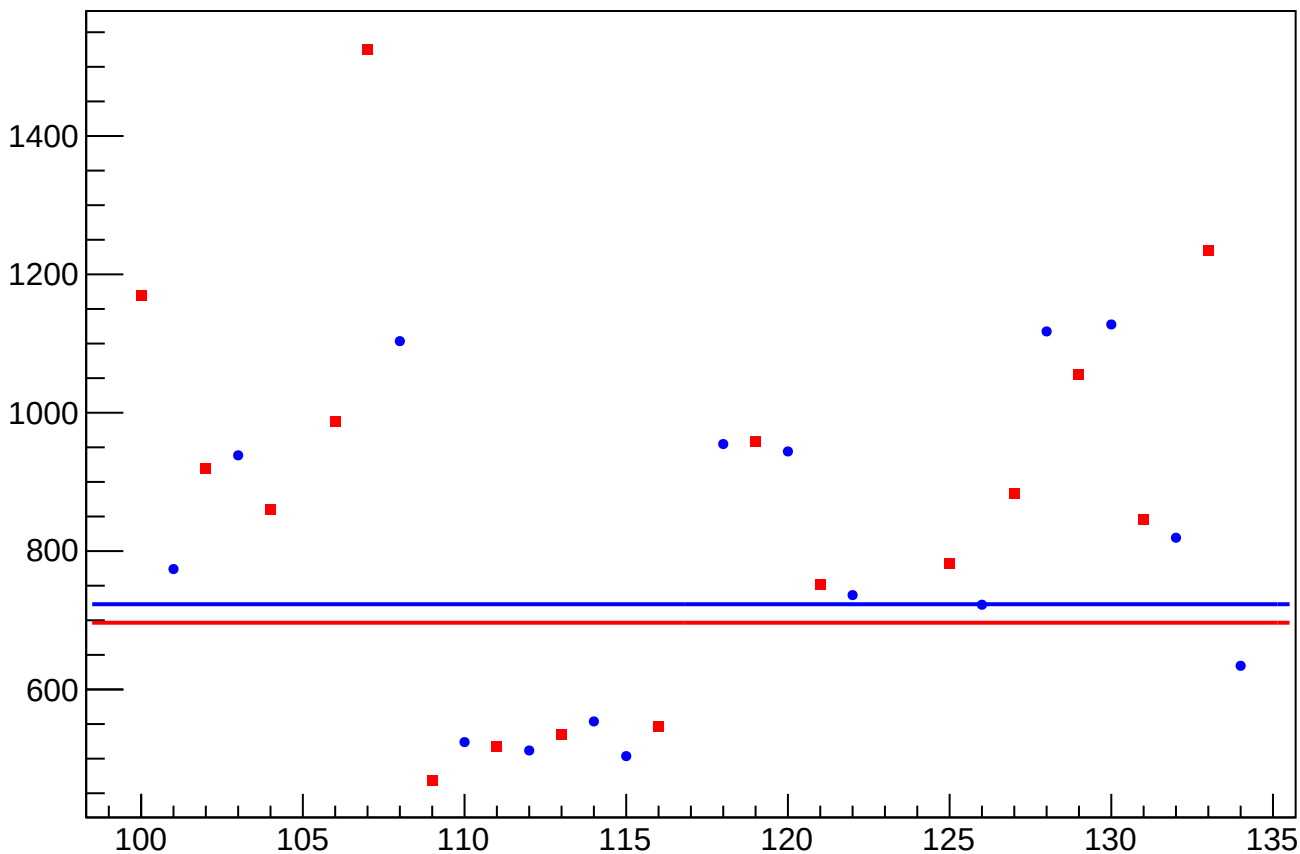
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -376.025 ± 206.896 χ^2/NDF : 28.5/30

- 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

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

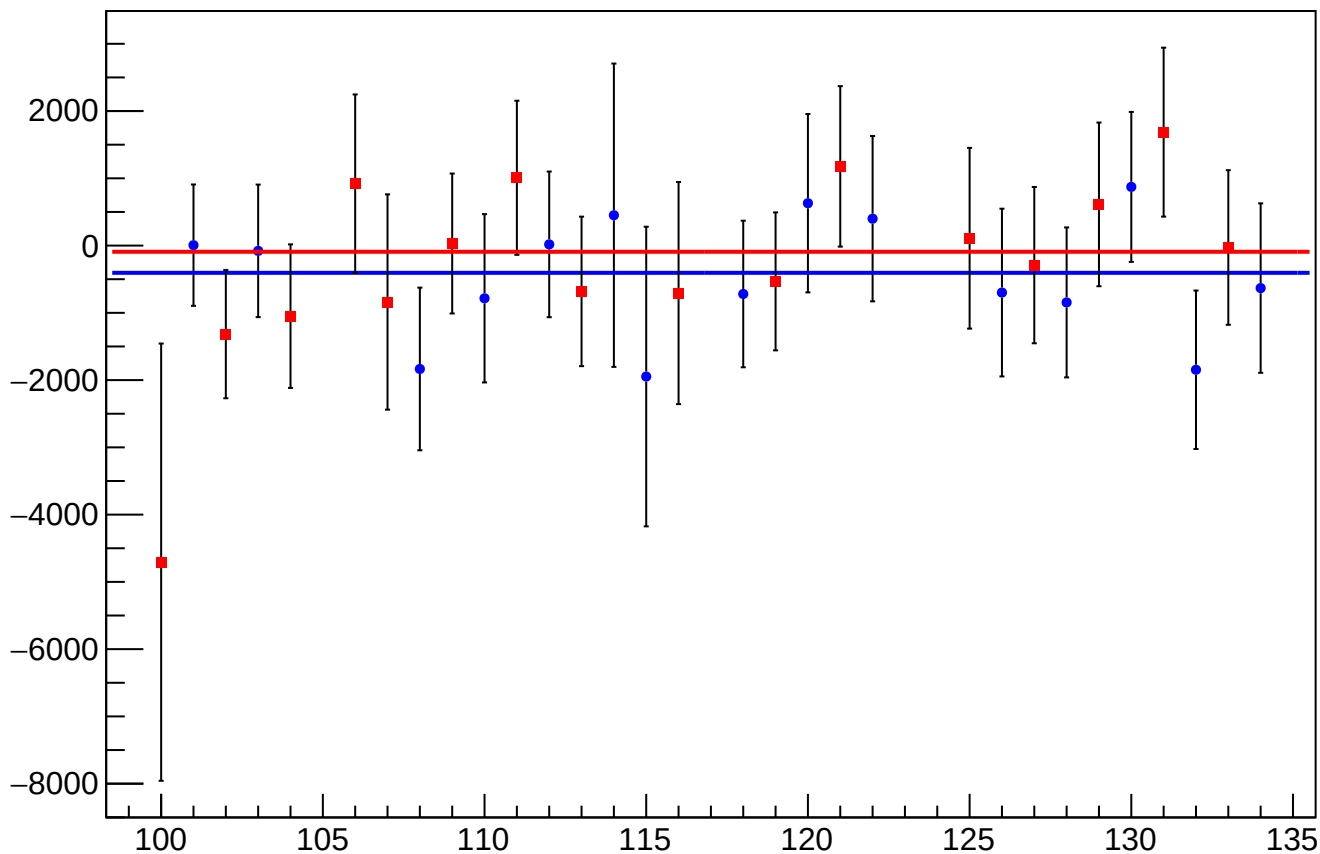
Right Out: 696.507 ± 0.202 χ^2/NDF : 1243776.1/15

All: 709.255 ± 0.146 χ^2/NDF : 2151255.2/30

- 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_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: -92.144 ± 302.780 χ^2/NDF : 10.3/15

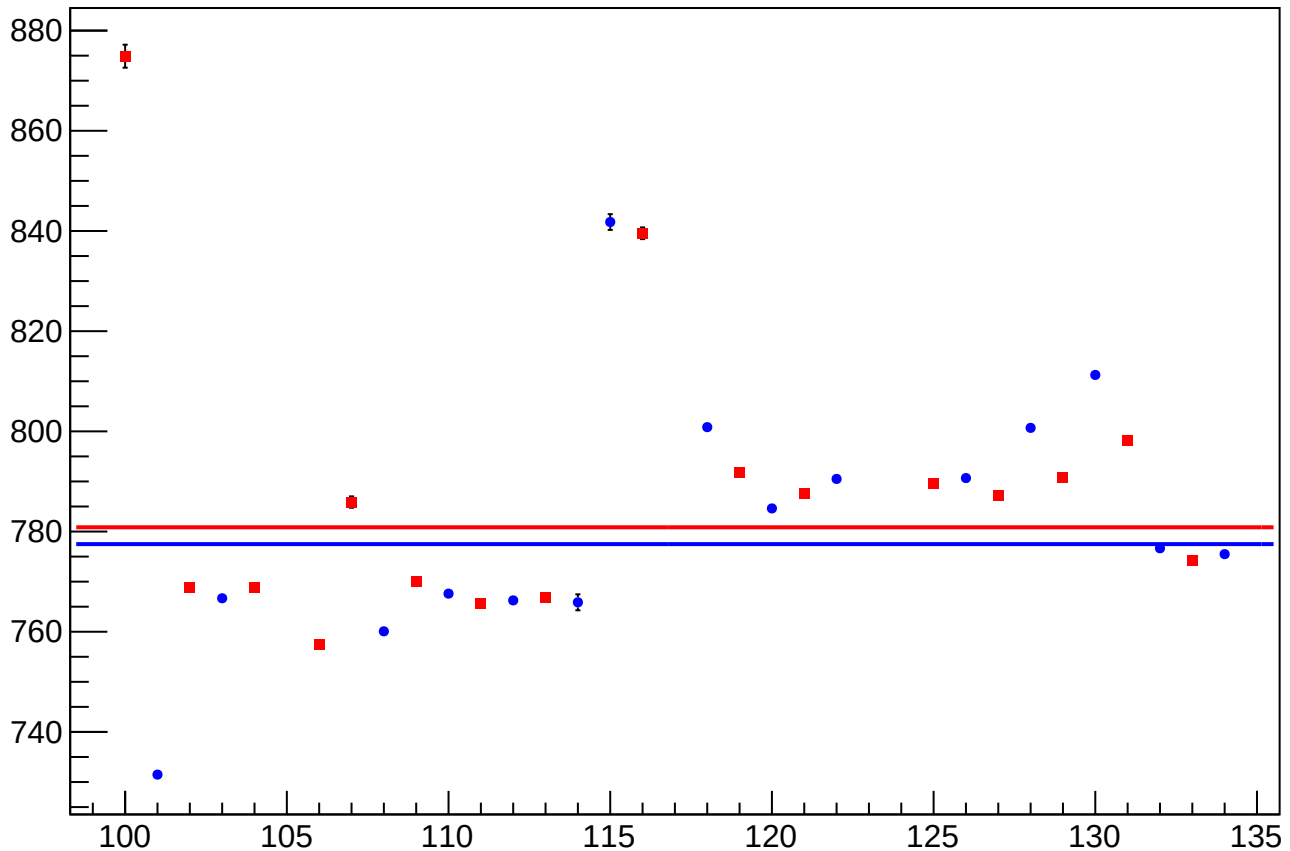
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -245.655 ± 216.084 χ^2/NDF : 17.6/30

- sign 0.000 ± 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: 780.850 $\pm$ 0.214 χ^2 /NDF: 7315.7/15

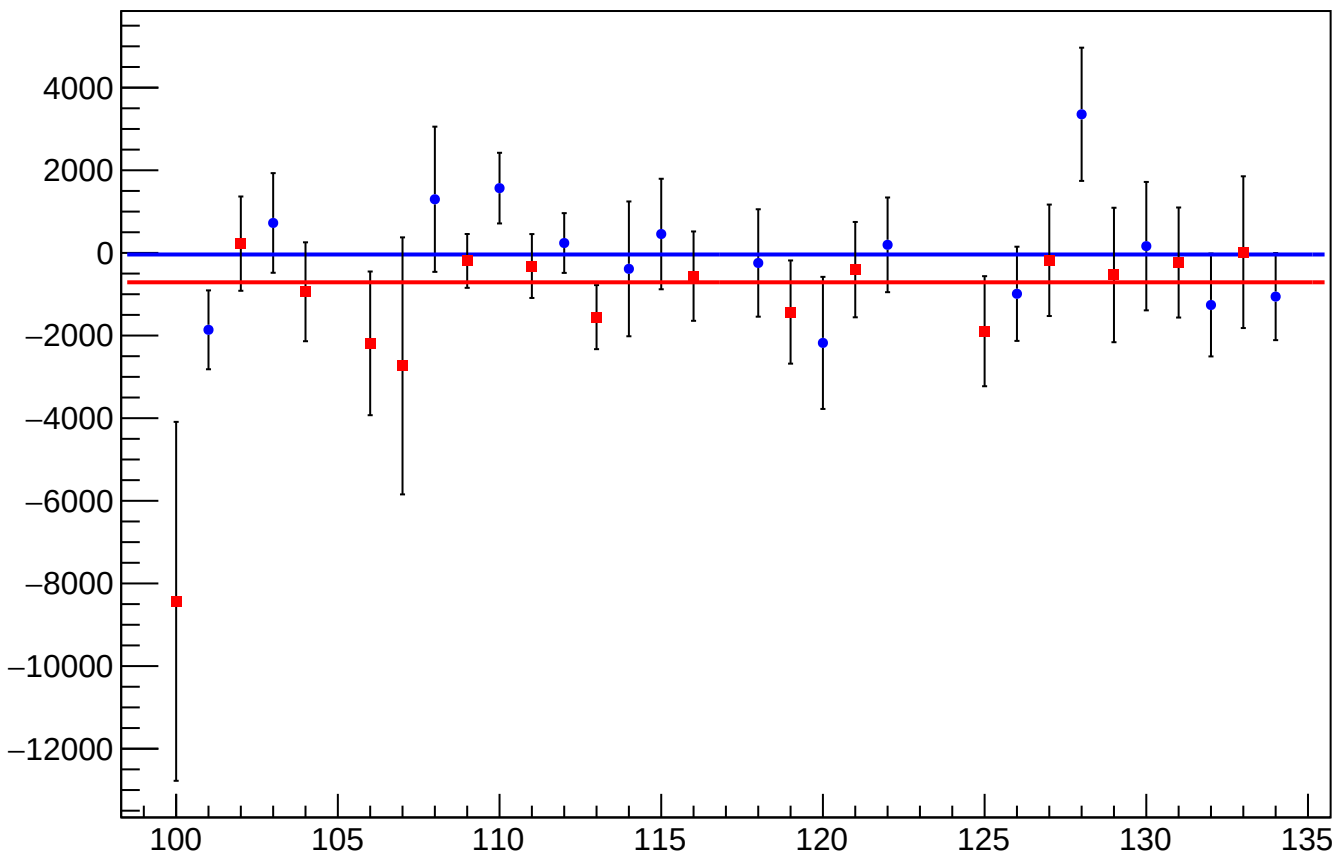
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 779.202 $\pm$ 0.153 χ^2 /NDF: 19486.1/30

- 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: -711.078 ± 285.777 χ^2/NDF : 8.8/15

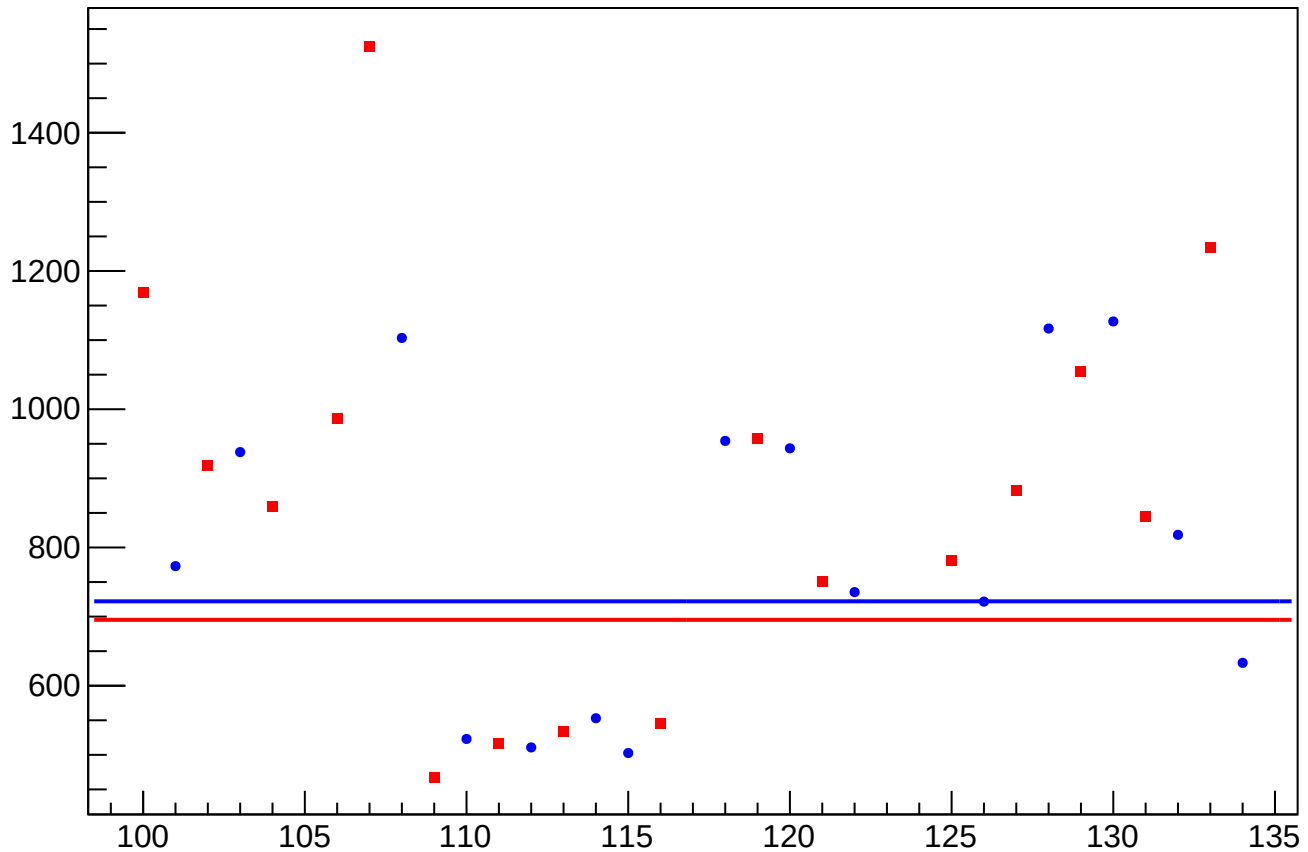
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -389.859 ± 206.607 χ^2/NDF : 28.8/30

- 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

Right Out: 695.333+/-0.202 χ^2/NDF : 1248656.0/15

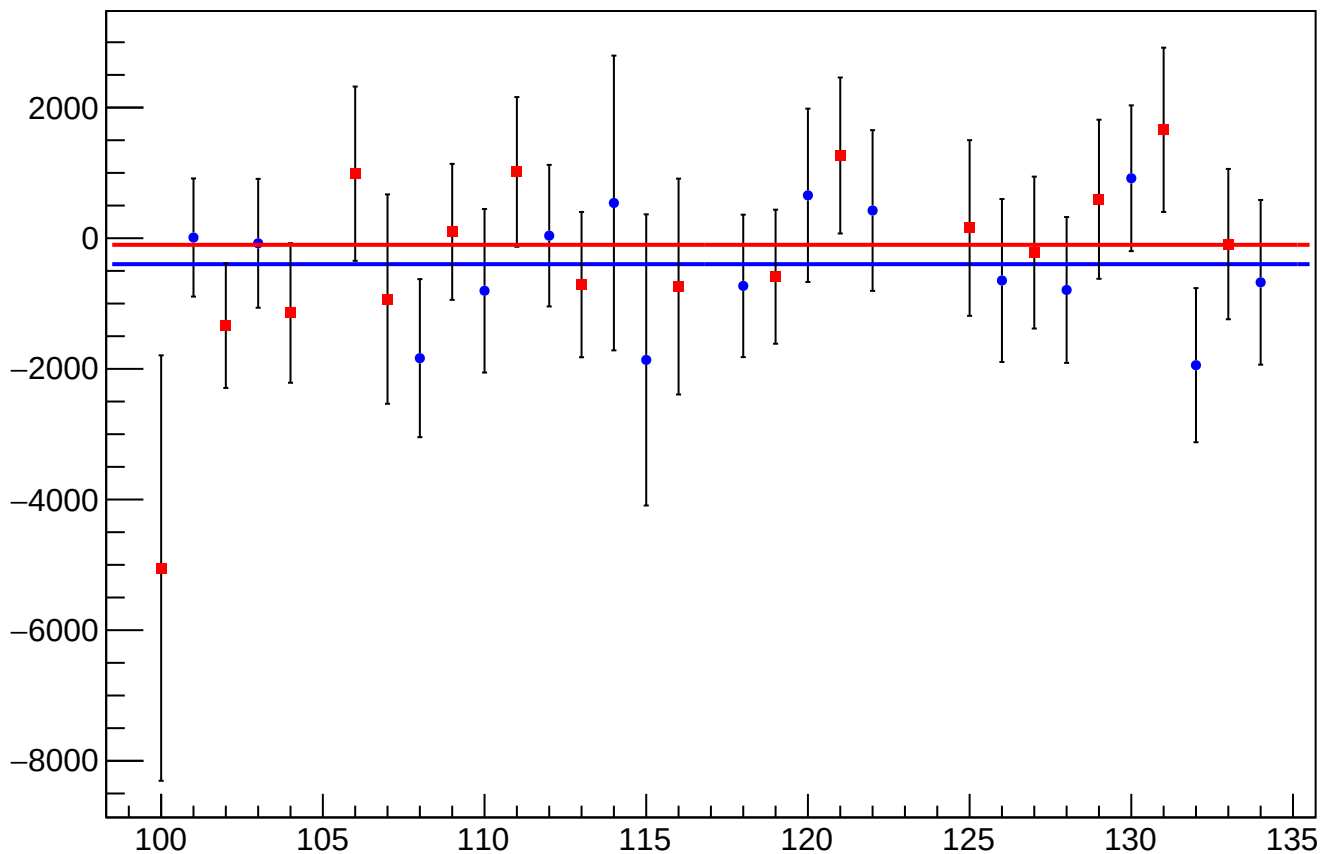
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 708.121+/-0.146 χ^2/NDF : 2159587.0/30

- sign 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: -101.147 ± 303.093 χ^2/NDF : 11.2/15

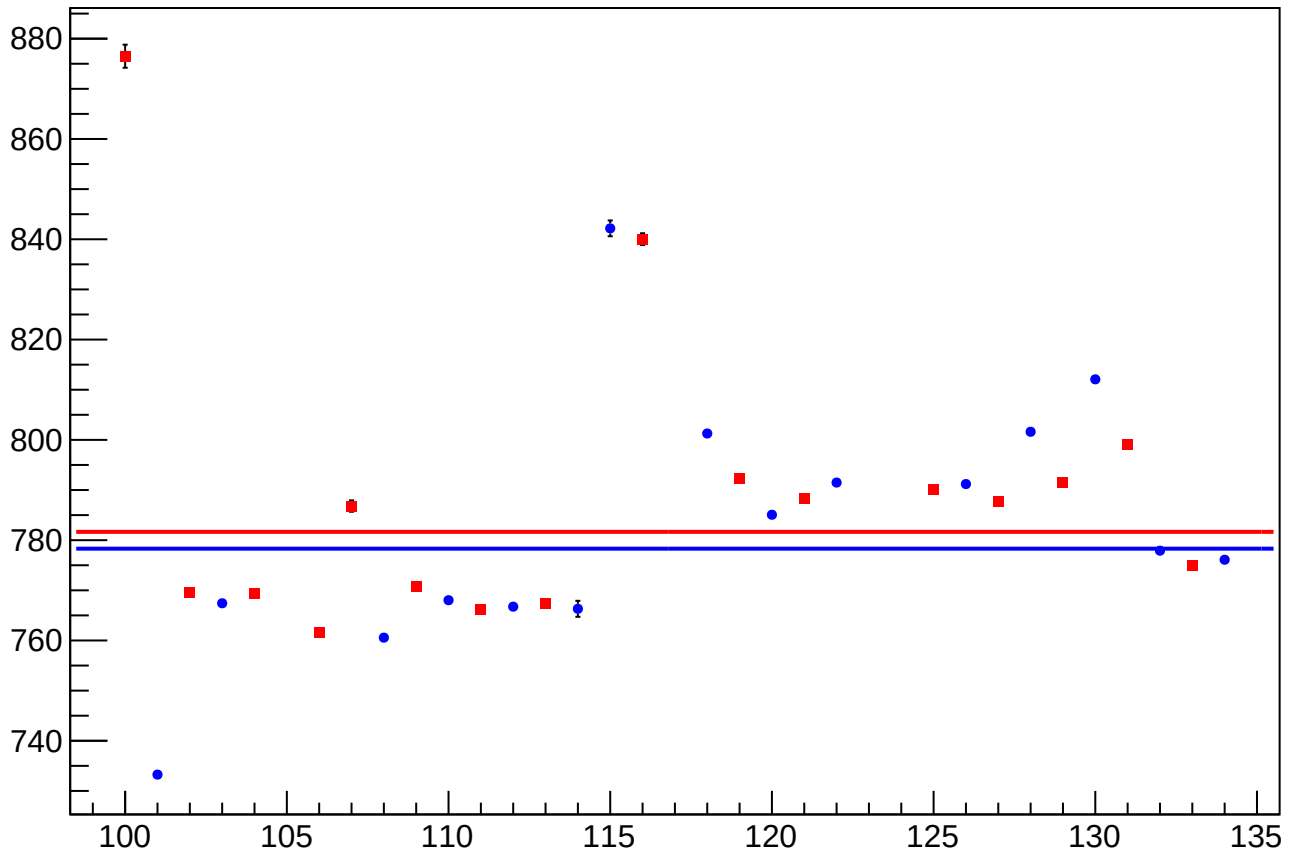
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -246.442 ± 216.307 χ^2/NDF : 18.7/30

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_rms vs Slug



Right In: 778.306+/-0.218 χ^2/NDF : 11791.4/14

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

Right Out: 781.660+/-0.214 χ^2/NDF : 7172.0/15

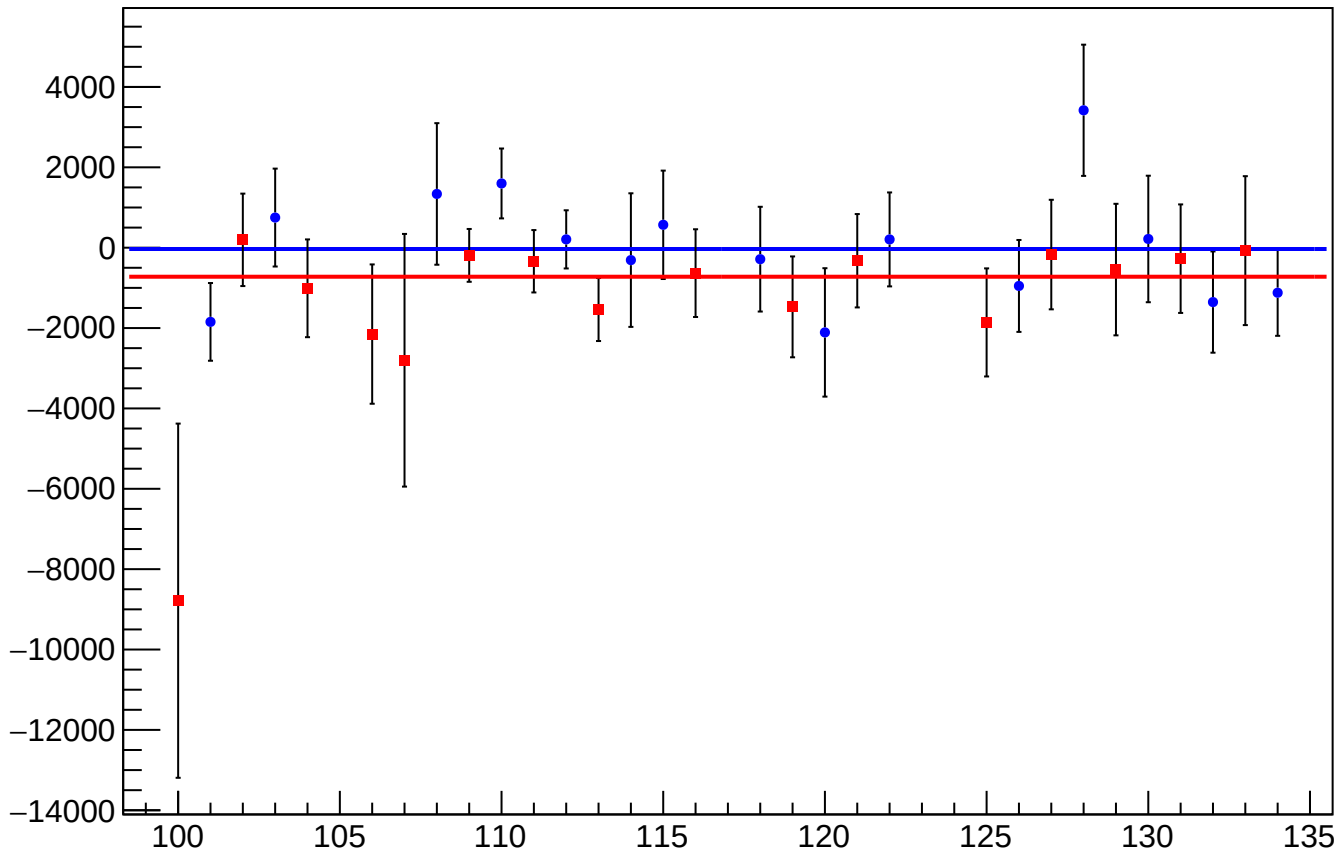
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 780.015+/-0.153 χ^2/NDF : 19083.6/30

- sign 0.000+/-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: -722.396+/-288.232 χ^2/NDF : 8.7/15

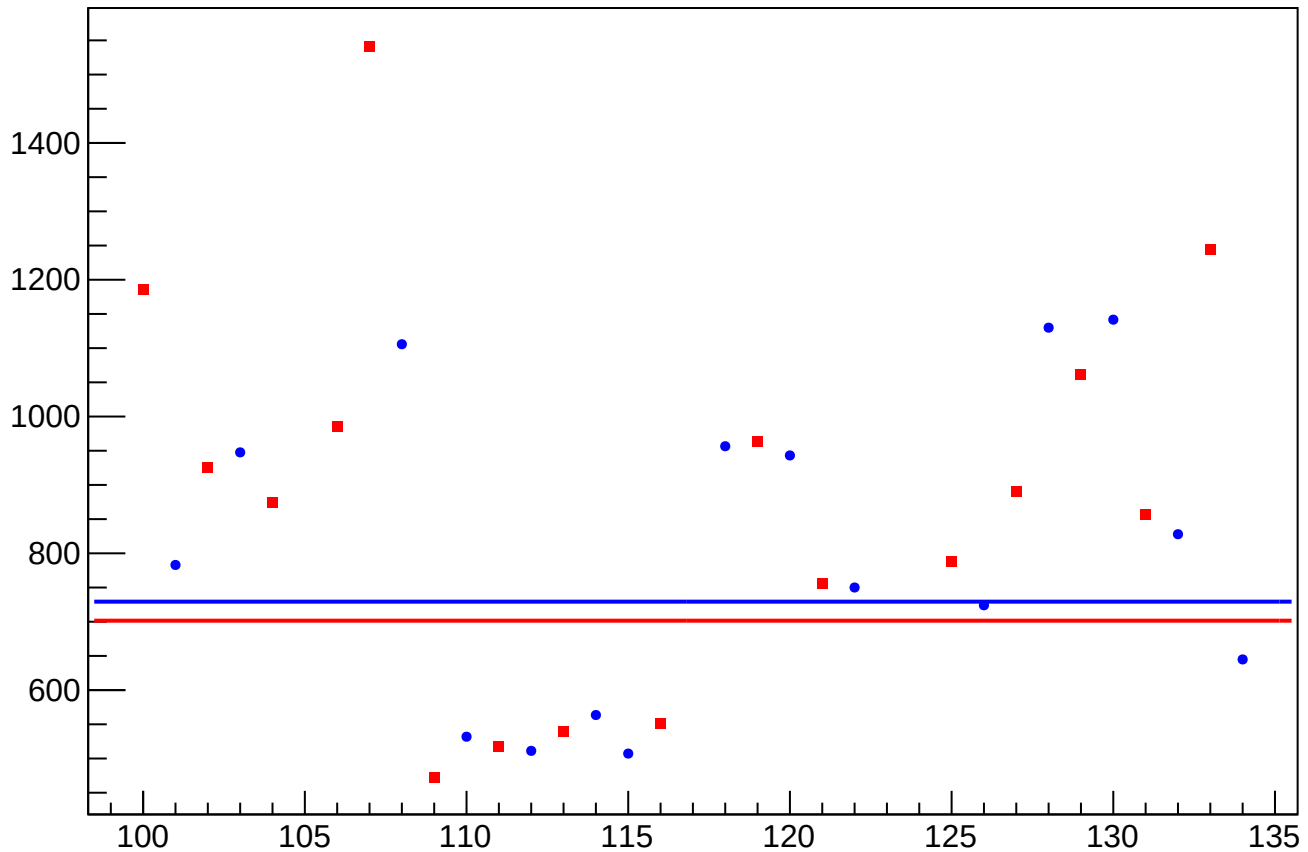
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -393.534+/-208.515 χ^2/NDF : 28.9/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_dit_correction_rms vs Slug



Right In: 729.355 $\pm$ 0.214 χ^2 /NDF: 900024.0/14

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

Right Out: 701.528 $\pm$ 0.204 χ^2 /NDF: 1248736.8/15

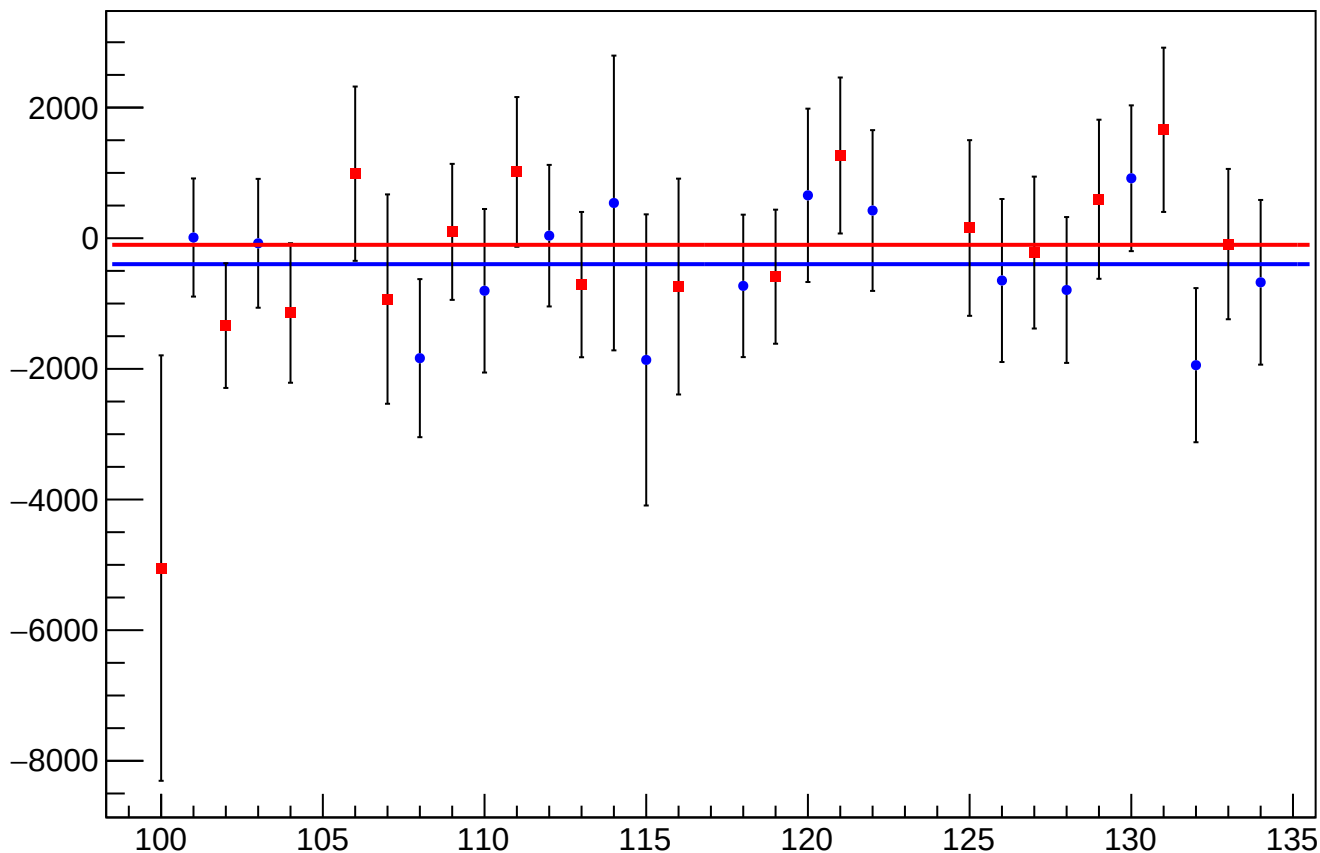
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 714.792 $\pm$ 0.147 χ^2 /NDF: 2157645.9/30

- sign 0.000 $\pm$ 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: -101.145+/-303.093 χ^2 /NDF: 11.2/15

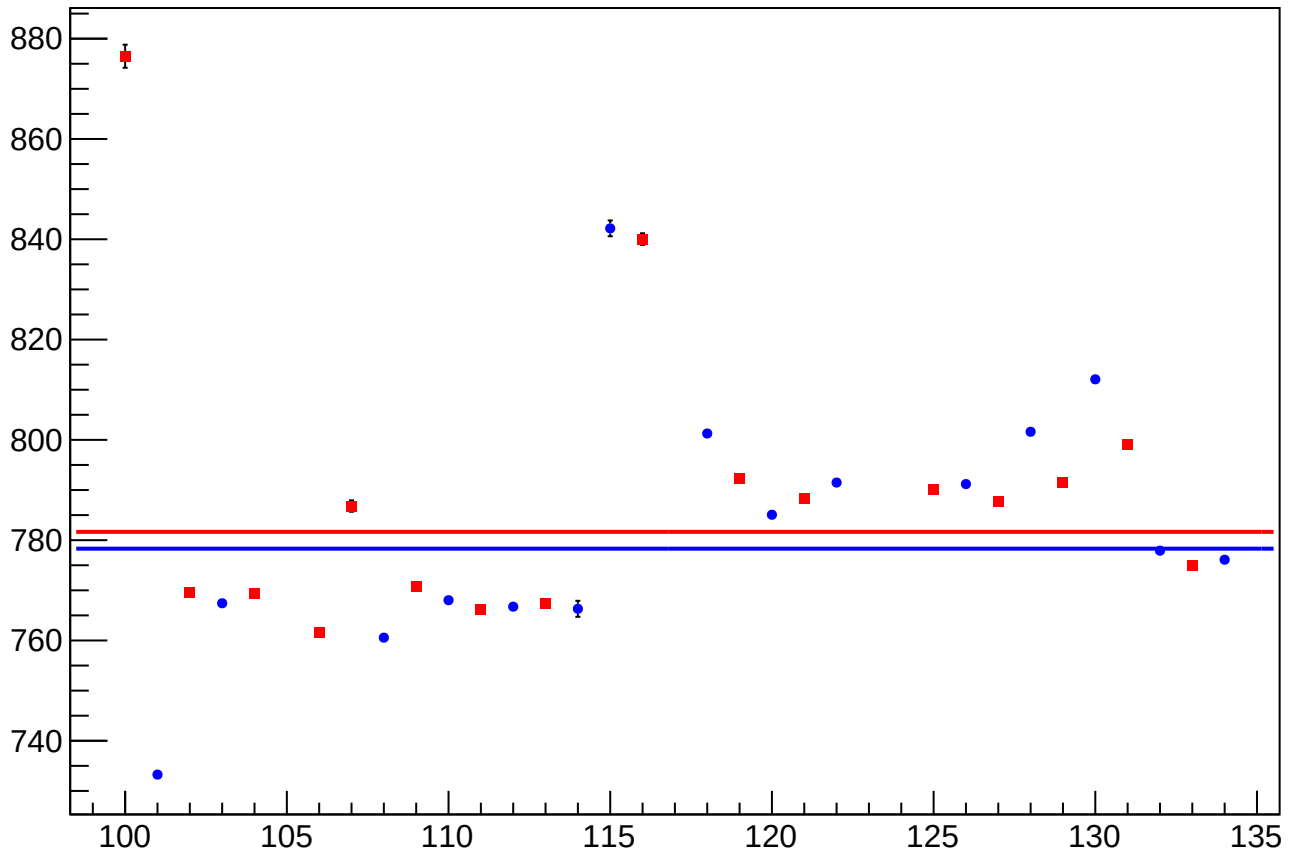
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -246.441+/-216.307 χ^2 /NDF: 18.7/30

- 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: 781.660 $\pm$ 0.214 χ^2 /NDF: 7172.0/15

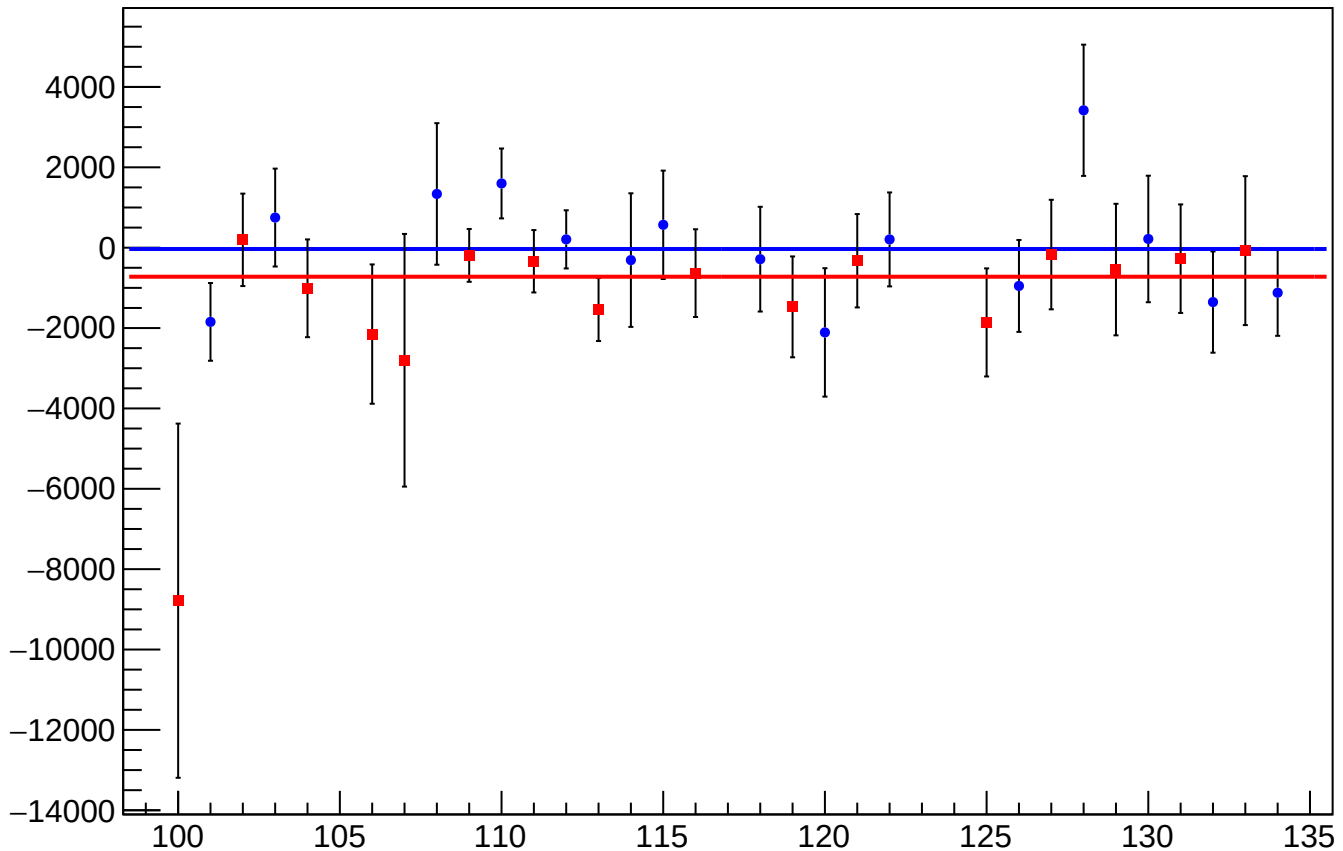
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 780.015 $\pm$ 0.153 χ^2 /NDF: 19083.6/30

- 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: -722.393 ± 288.230 χ^2/NDF : 8.7/15

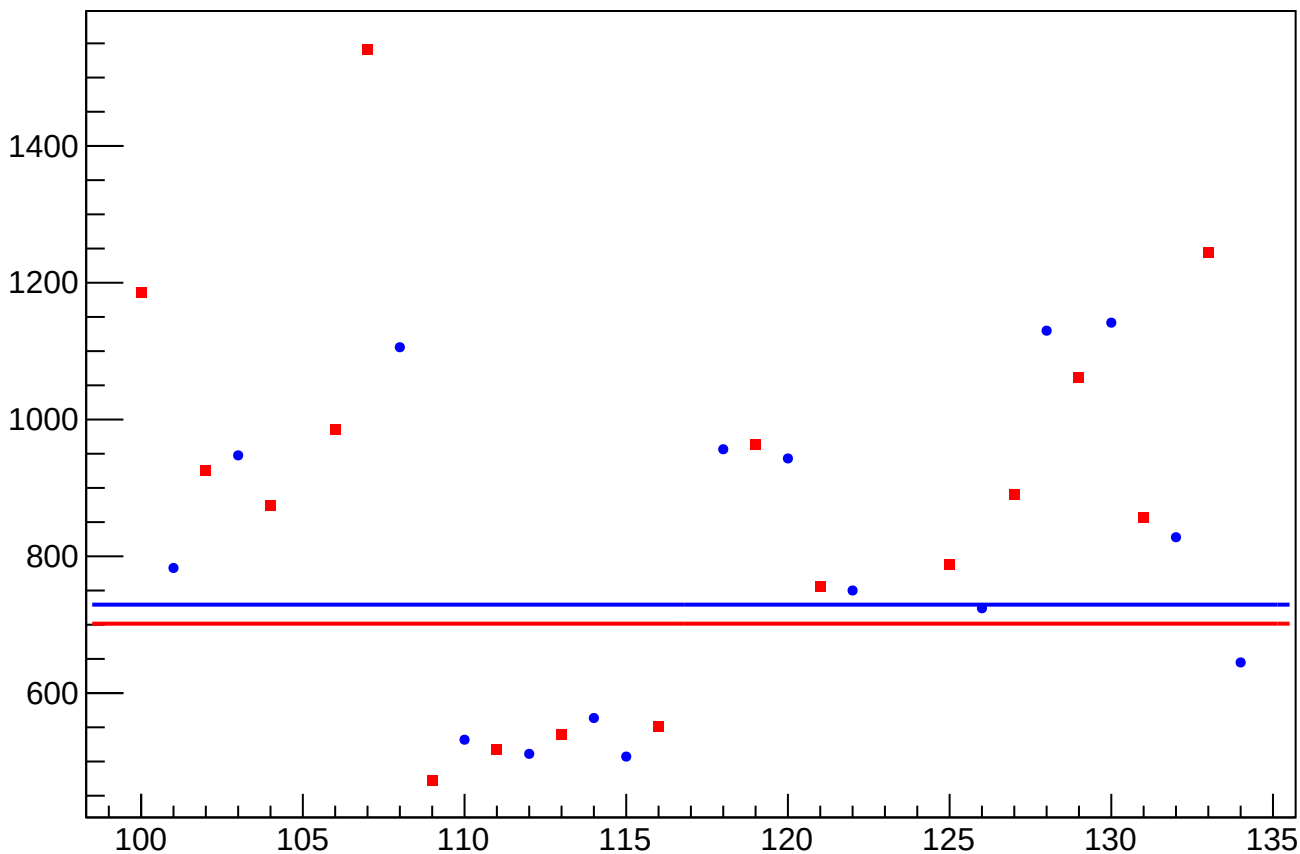
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -393.532 ± 208.514 χ^2/NDF : 28.9/30

- 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

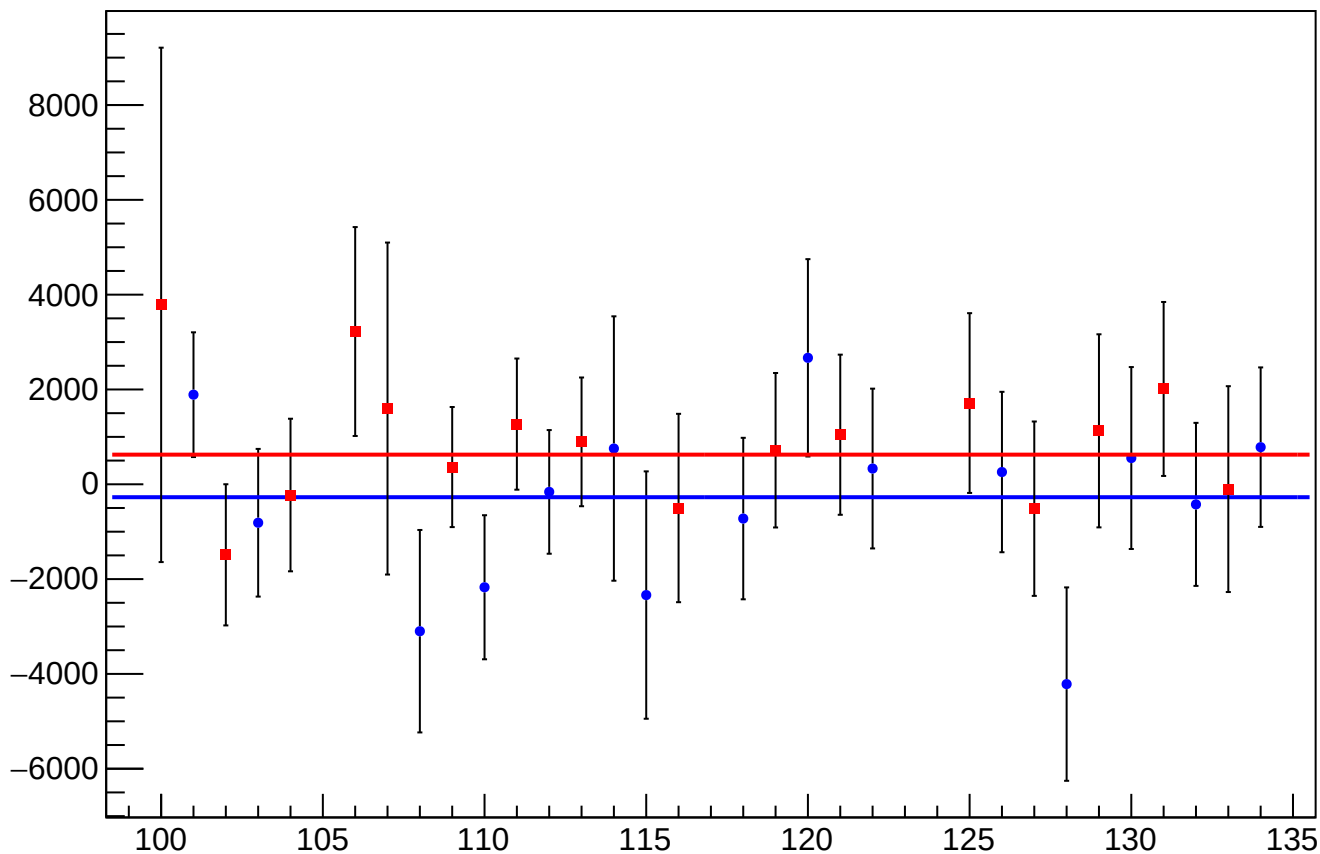
Right Out: 701.524+/-0.204 χ^2/NDF : 1248759.3/15

All: 714.788+/-0.147 χ^2/NDF : 2157685.0/30

- 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: 625.340 ± 440.592 χ^2/NDF : 6.2/15

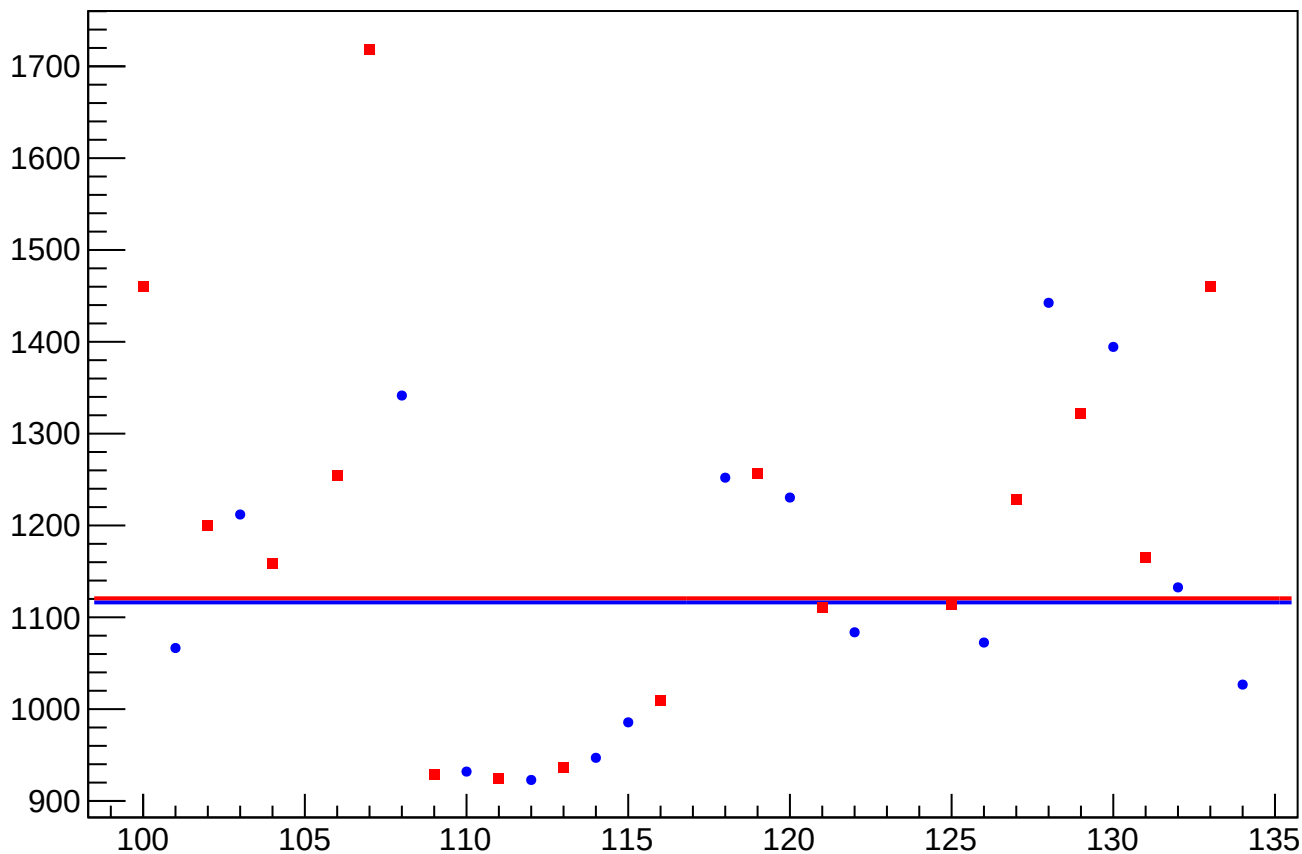
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 183.719 ± 314.079 χ^2/NDF : 21.8/30

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_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: 1120.673 $\pm$ 0.312 χ^2 /NDF: 299449.7/15

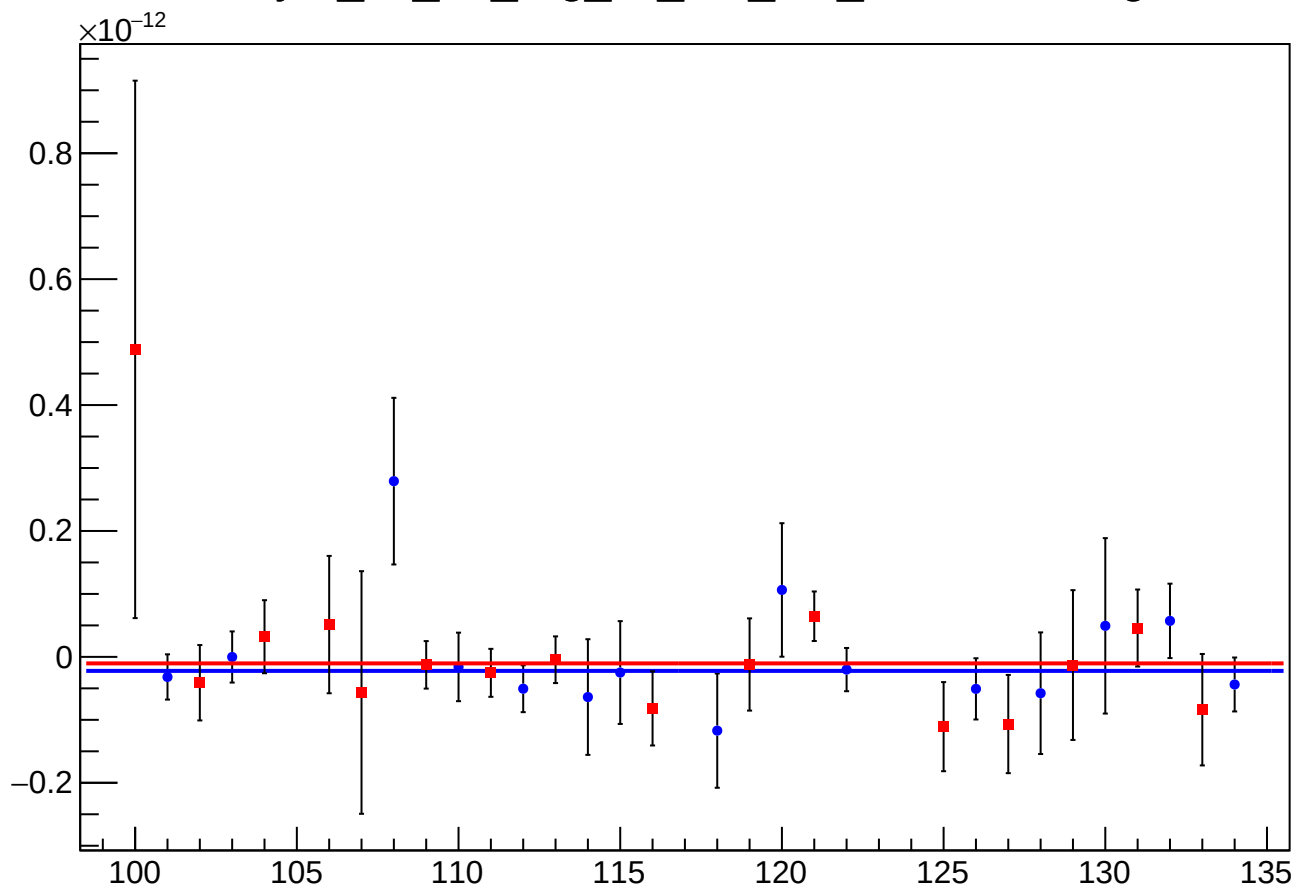
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1118.490 $\pm$ 0.222 χ^2 /NDF: 537793.2/30

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

asym_us_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.7/14

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.9/15

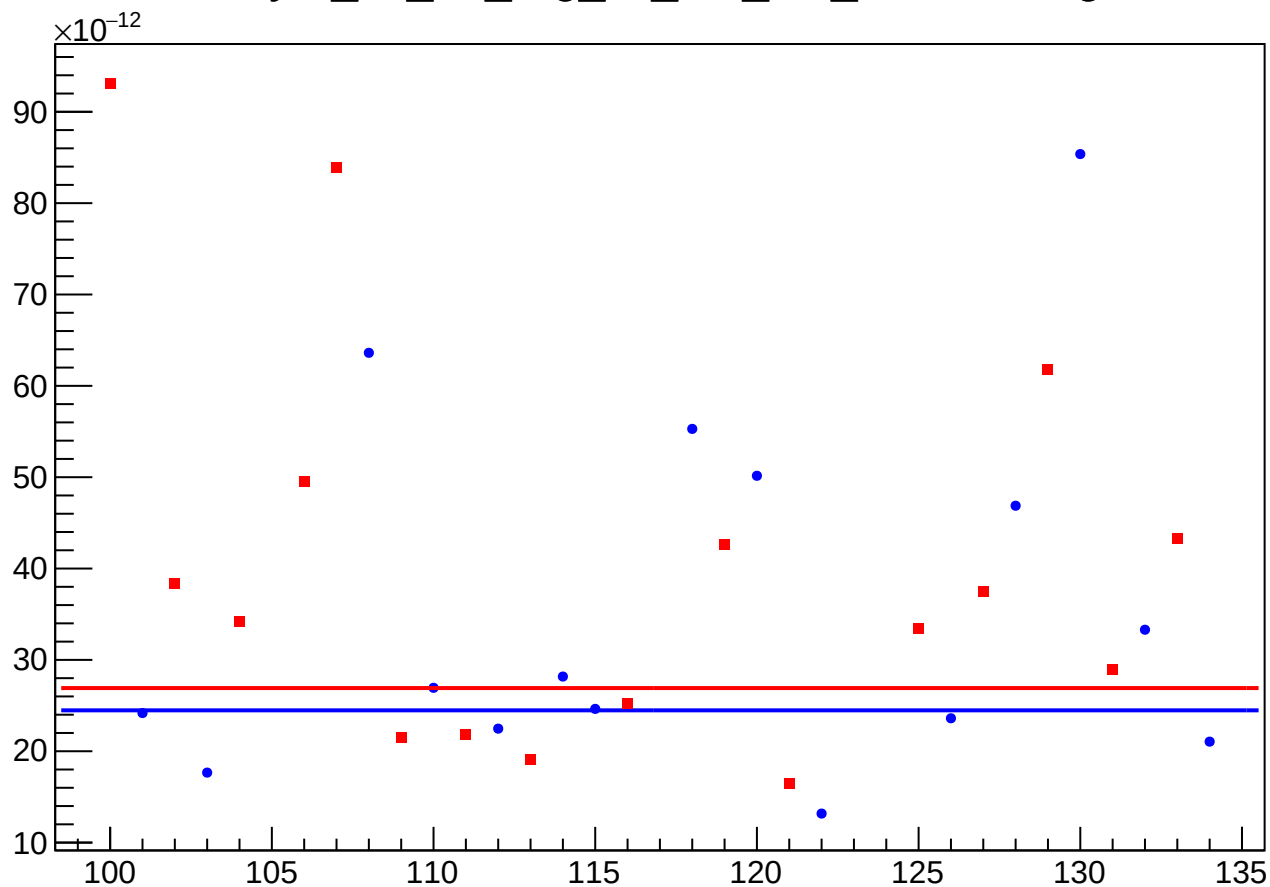
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 25.0/30

- sign 0.000 $\pm$ 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 : 1111657.9/15

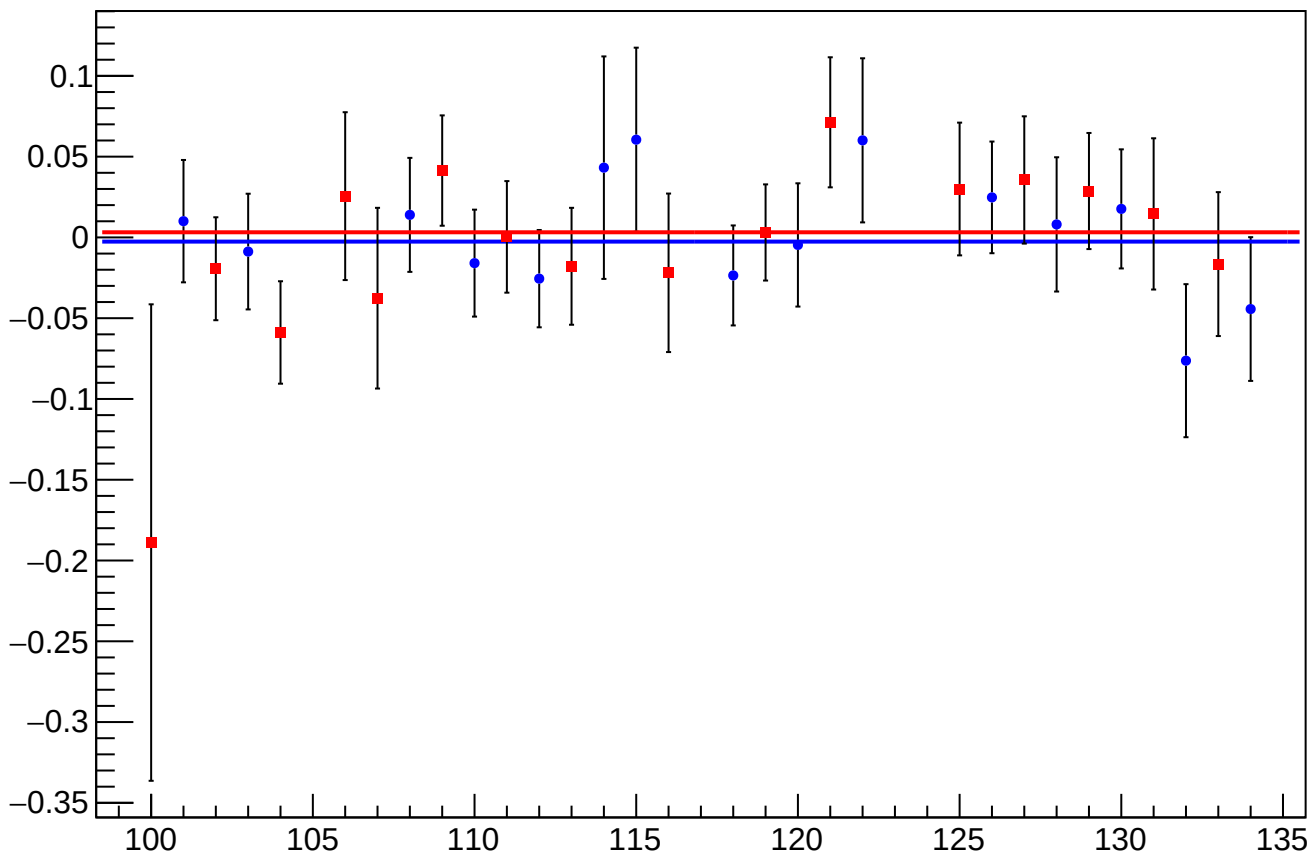
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2497809.2/30

- 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: 0.003 ± 0.010 χ^2/NDF : 13.3/15

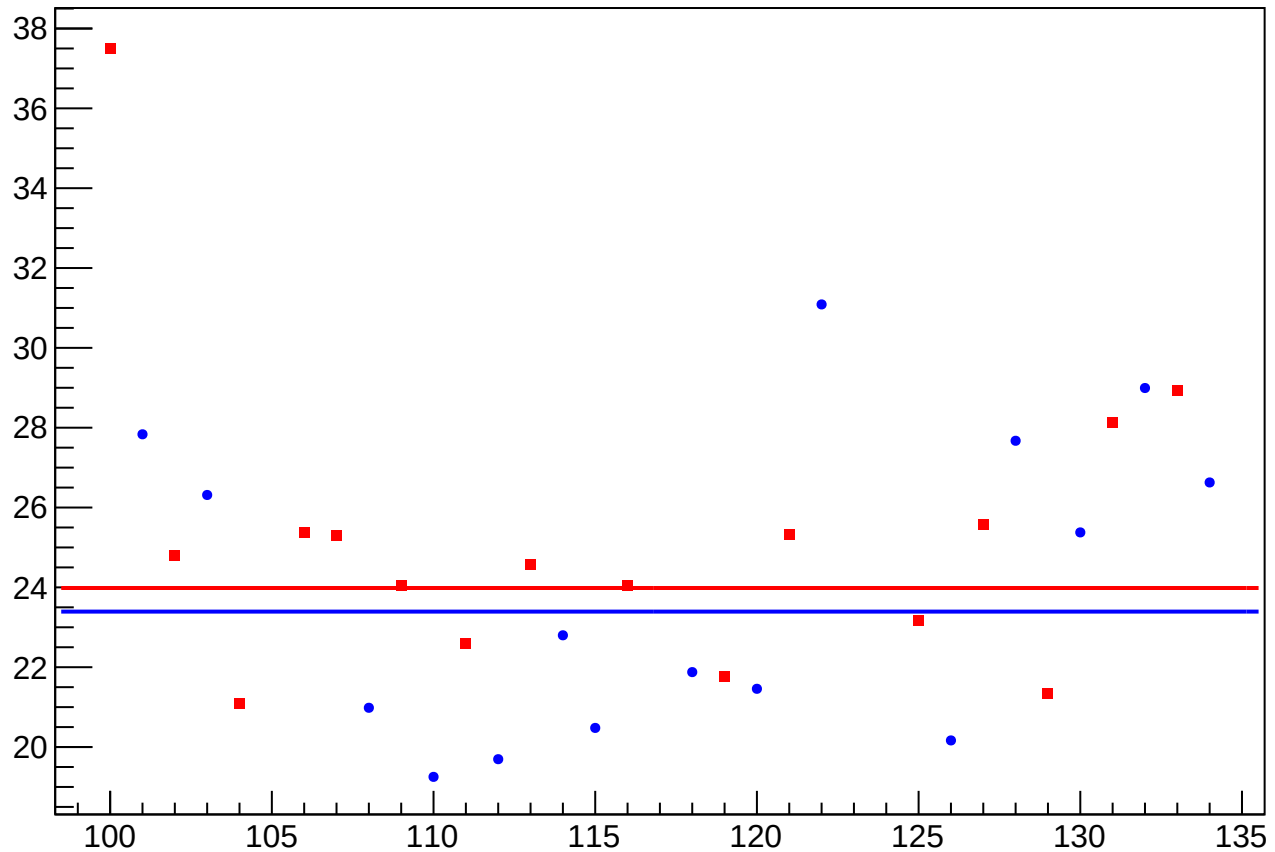
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.007 χ^2/NDF : 22.5/30

- 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: 23.984+/-0.007 χ^2/NDF : 109603.4/15

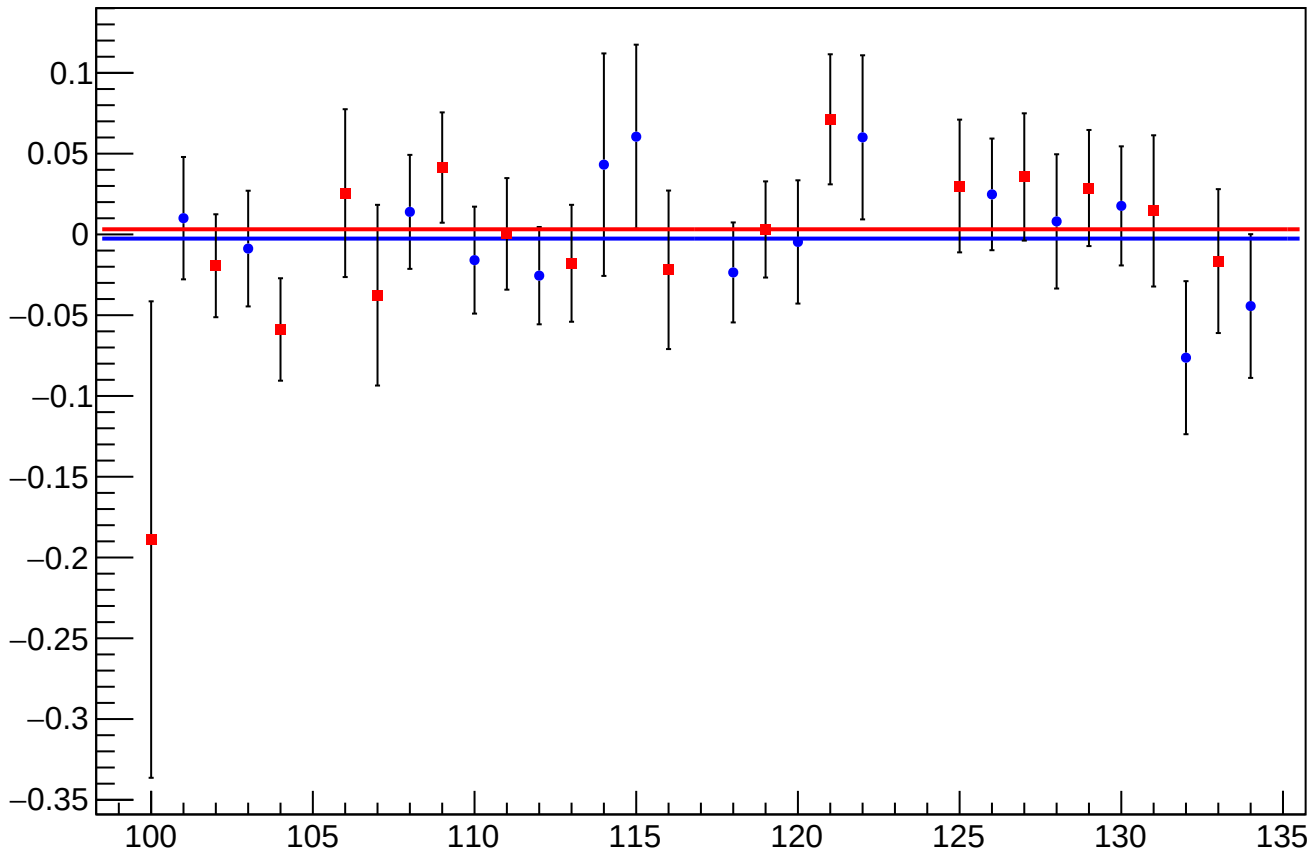
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.693+/-0.005 χ^2/NDF : 368932.9/30

- 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: 0.003 ± 0.010 χ^2/NDF : 13.3/15

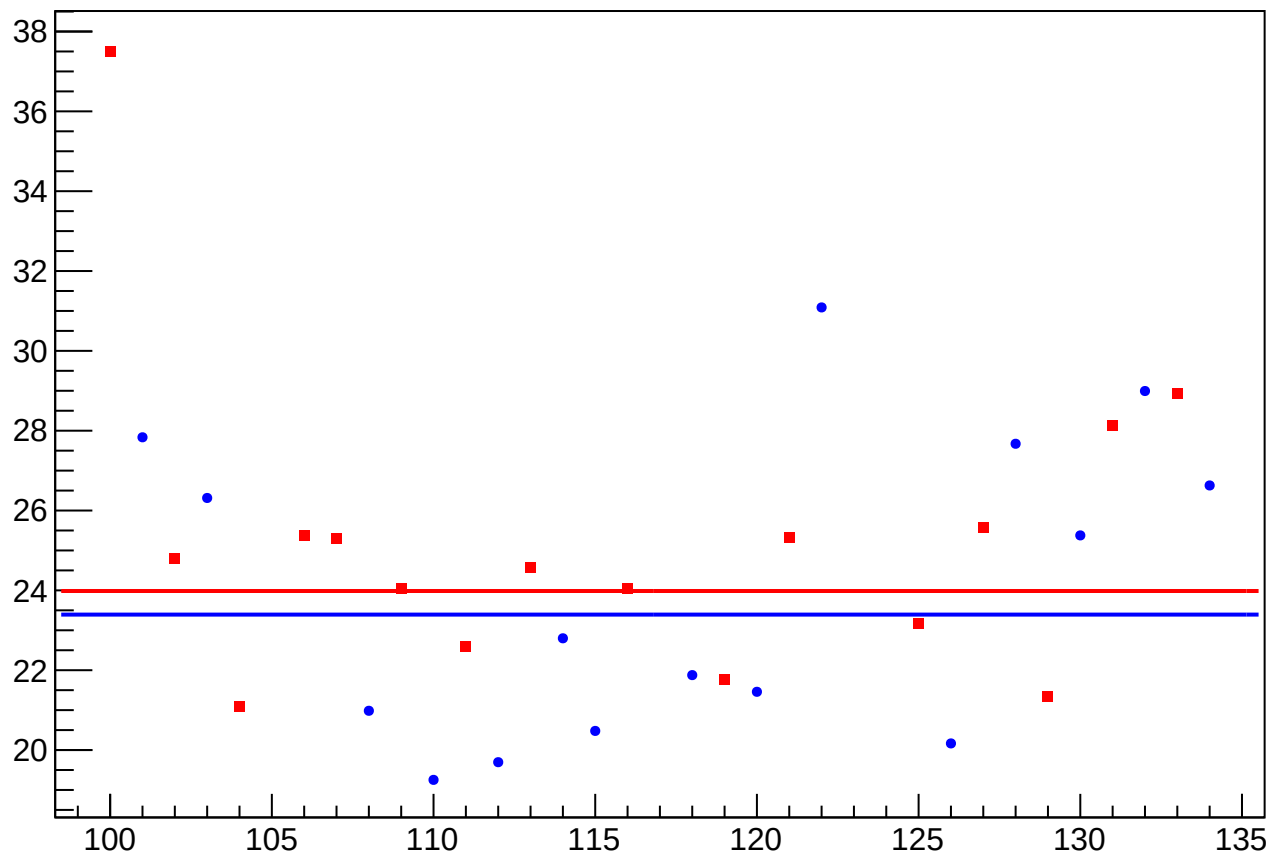
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.007 χ^2/NDF : 22.5/30

- 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: 23.984+/-0.007 χ^2/NDF : 109603.4/15

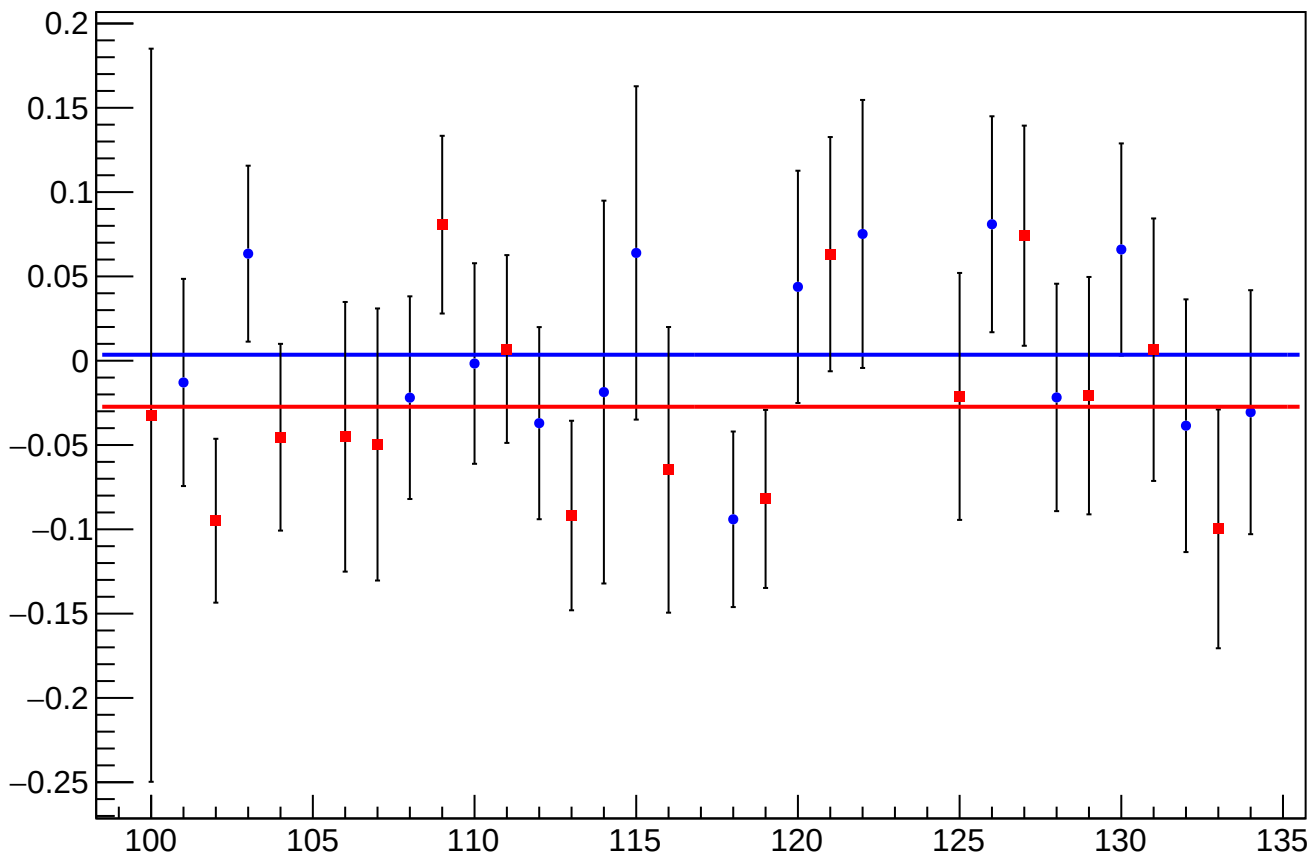
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.693+/-0.005 χ^2/NDF : 368932.9/30

- 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: -0.027 $\pm$ 0.016 χ^2 /NDF: 14.7/15

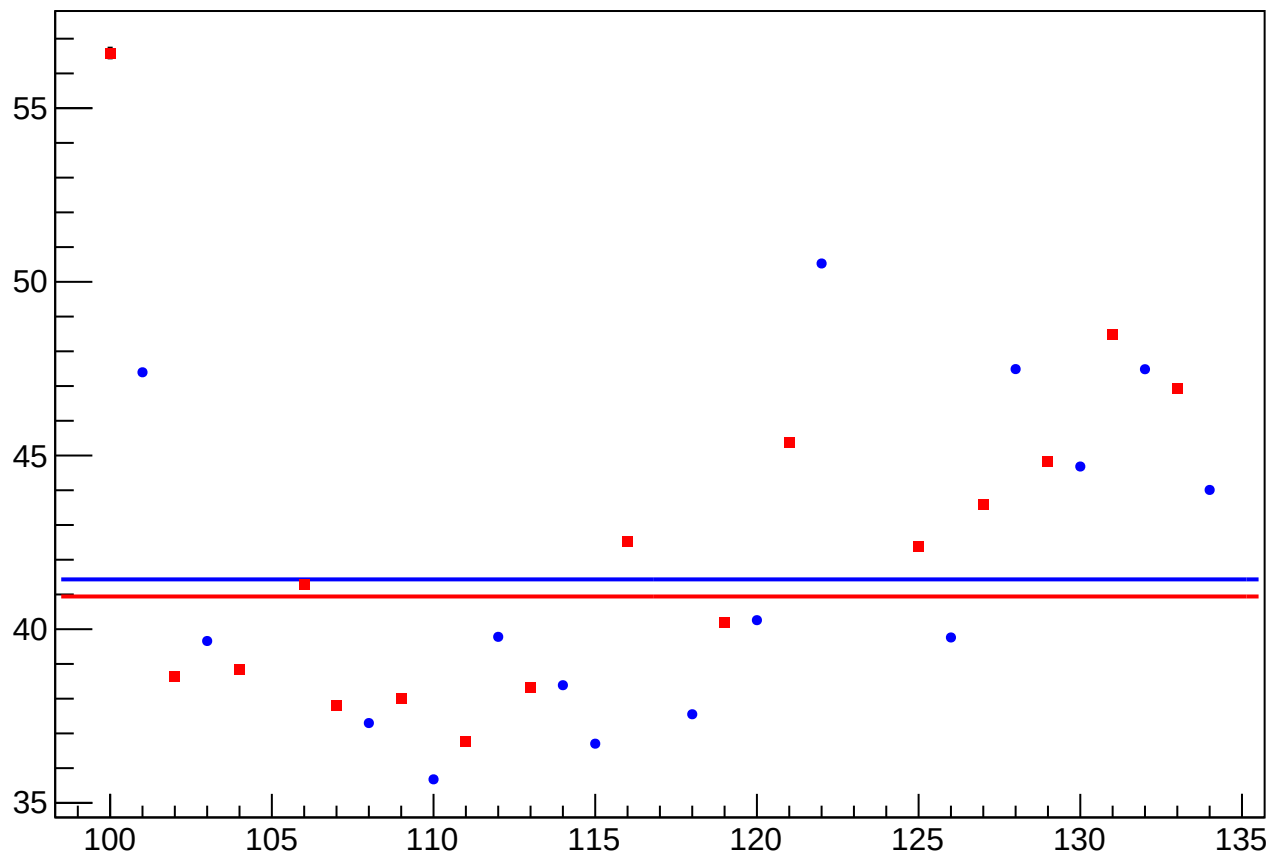
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.012 $\pm$ 0.012 χ^2 /NDF: 26.7/30

- 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: 40.942+/-0.012 χ^2/NDF : 95218.4/15

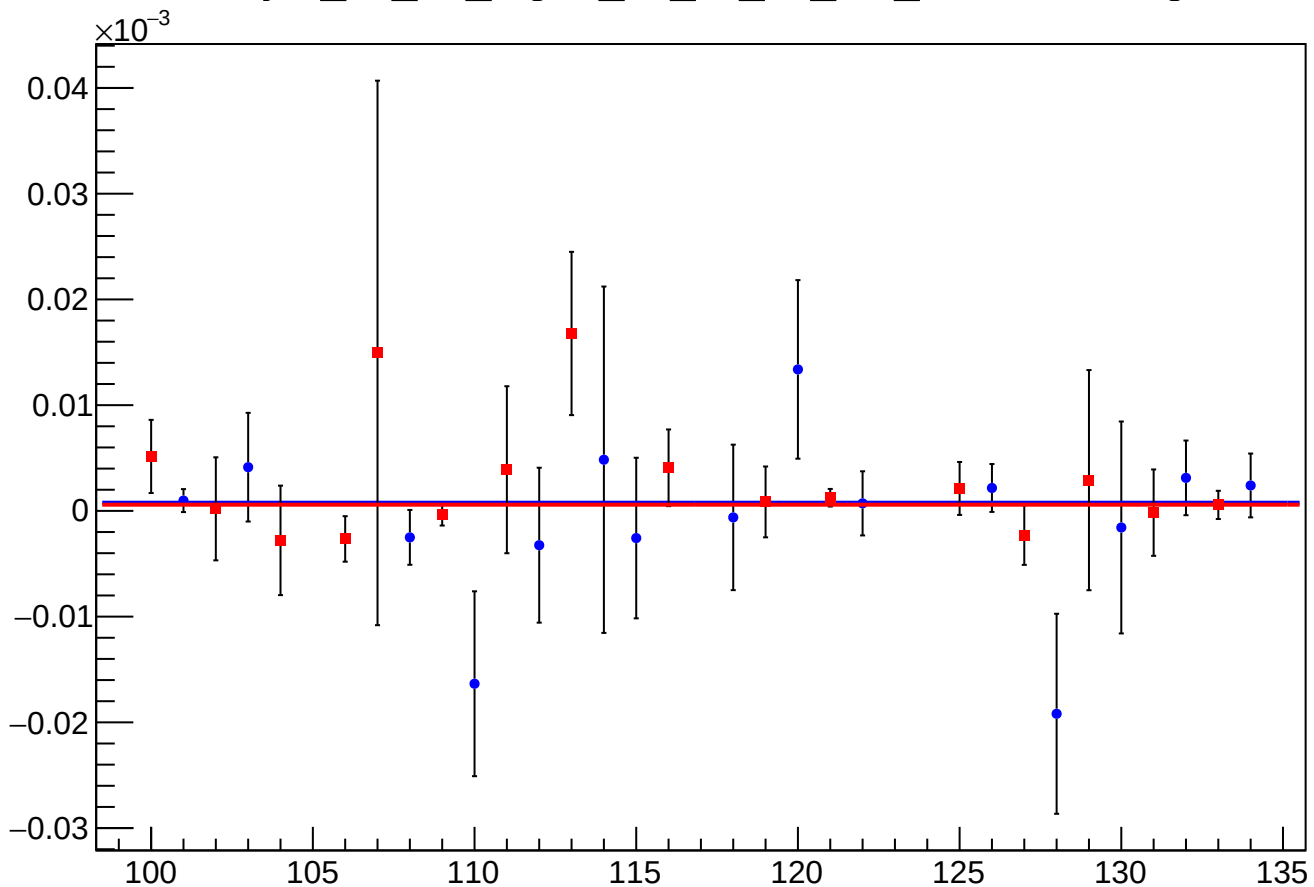
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.179+/-0.008 χ^2/NDF : 229423.5/30

- 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: 13.3/15

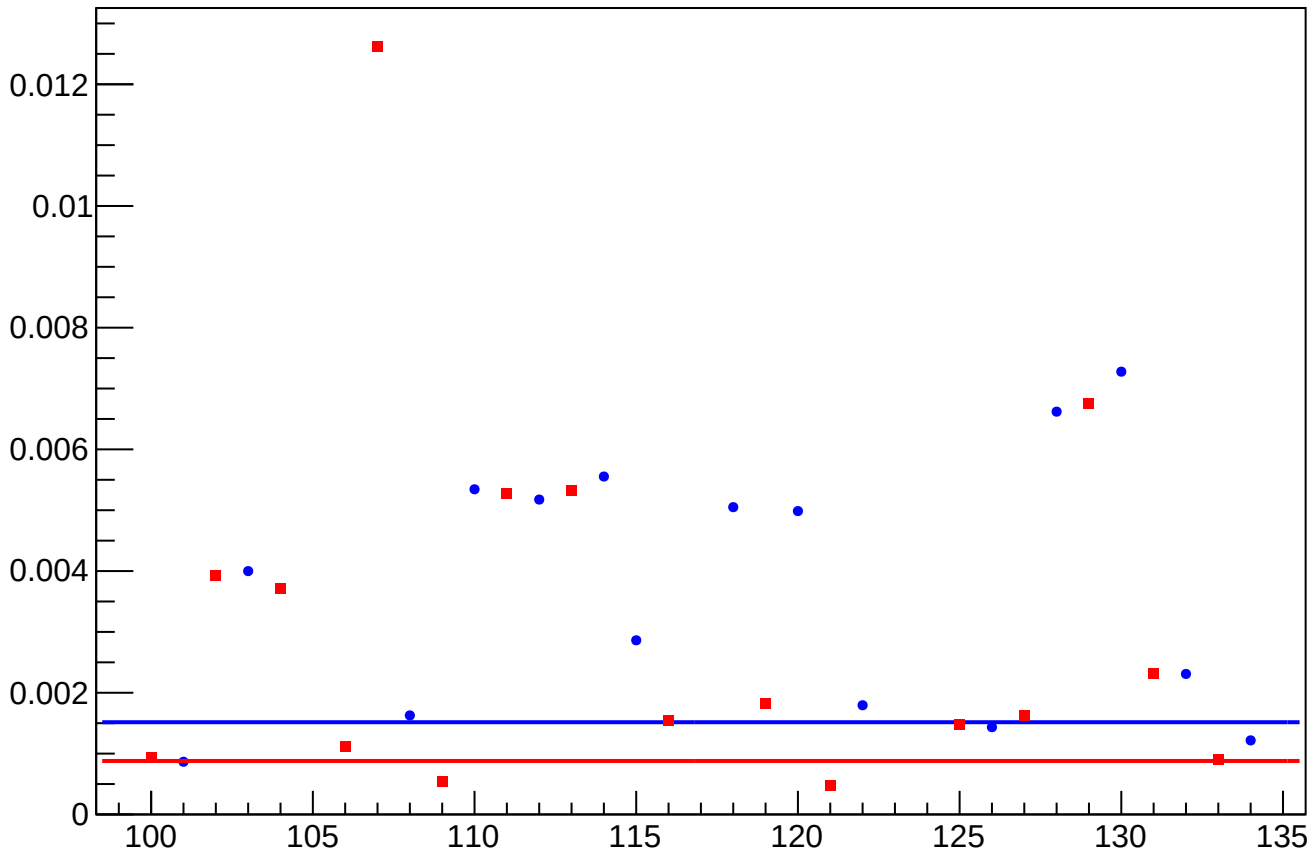
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 27.7/30

- 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 : 5167651.6/15

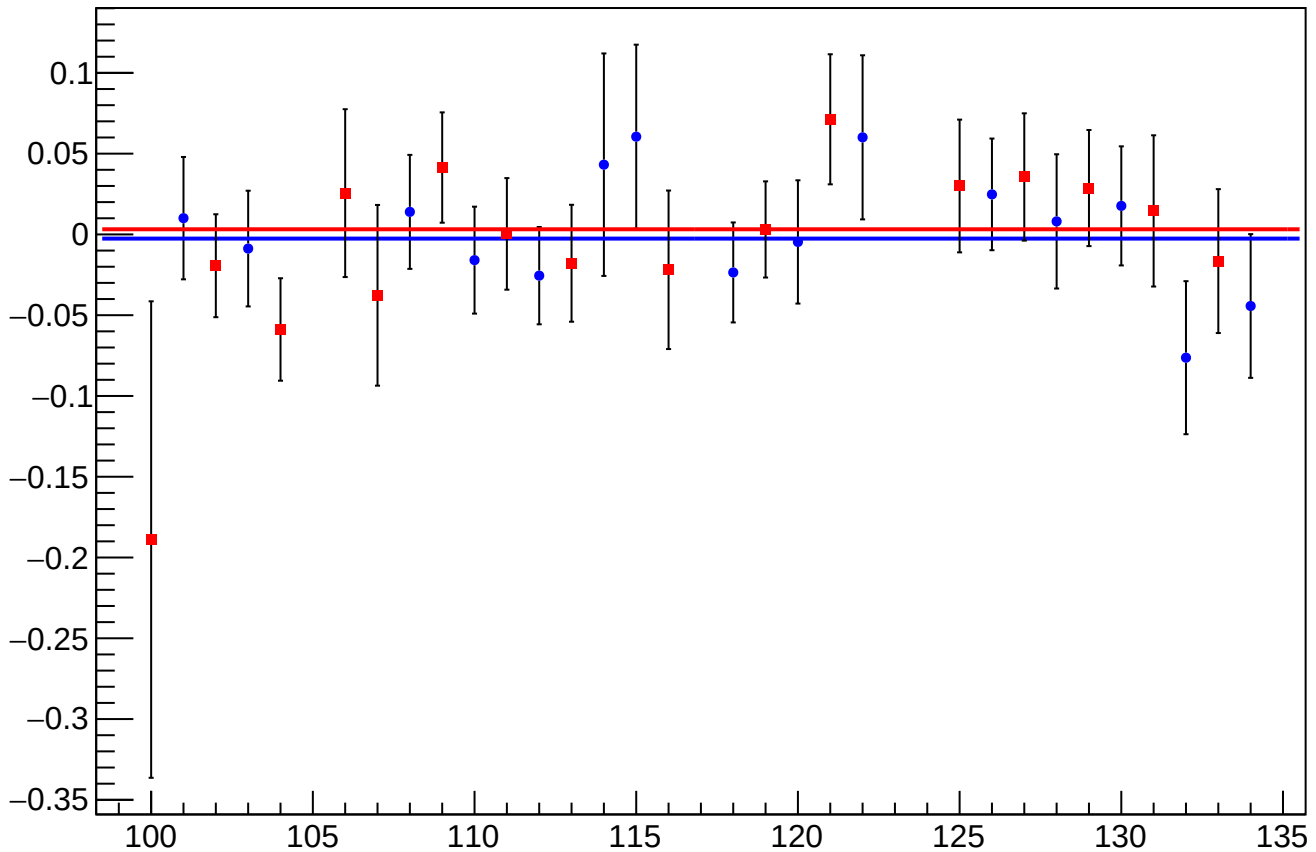
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 10606723.1/30

- 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: 0.003 ± 0.010 χ^2/NDF : 13.3/15

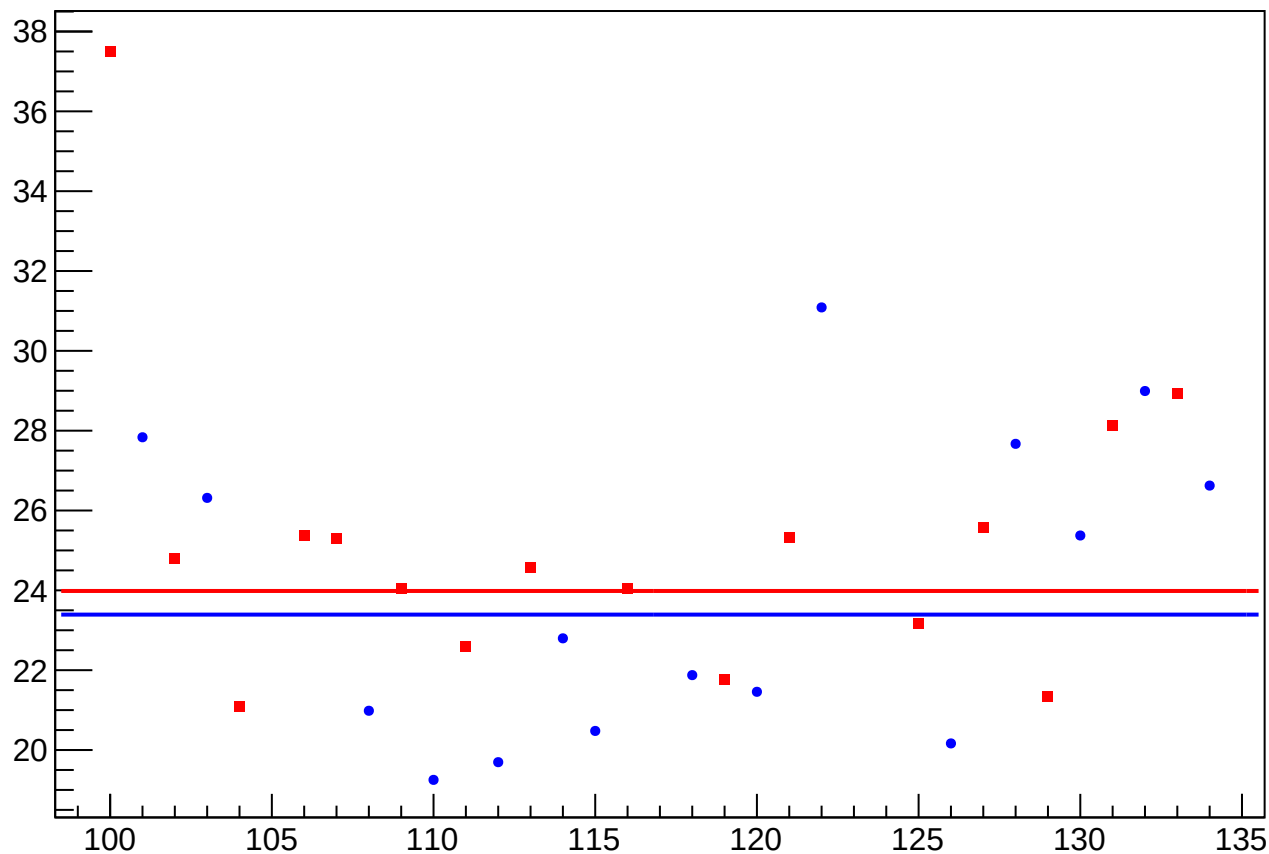
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.007 χ^2/NDF : 22.5/30

- 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 $\pm$ 0.007 χ^2 /NDF: 255768.8/14

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

Right Out: 23.984 $\pm$ 0.007 χ^2 /NDF: 109585.6/15

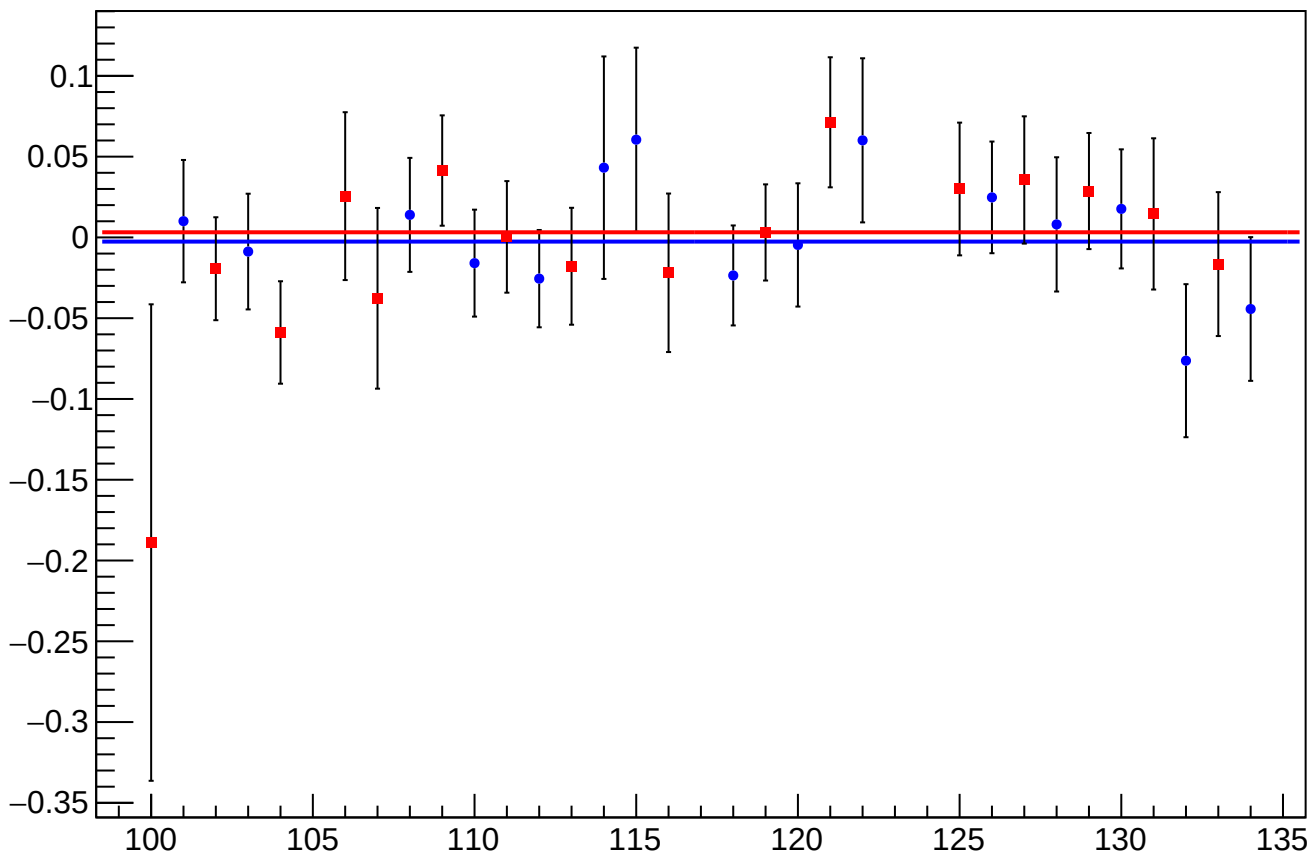
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 23.692 $\pm$ 0.005 χ^2 /NDF: 368920.5/30

- sign 0.000 $\pm$ 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: 0.003+/-0.010 χ^2/NDF : 13.3/15

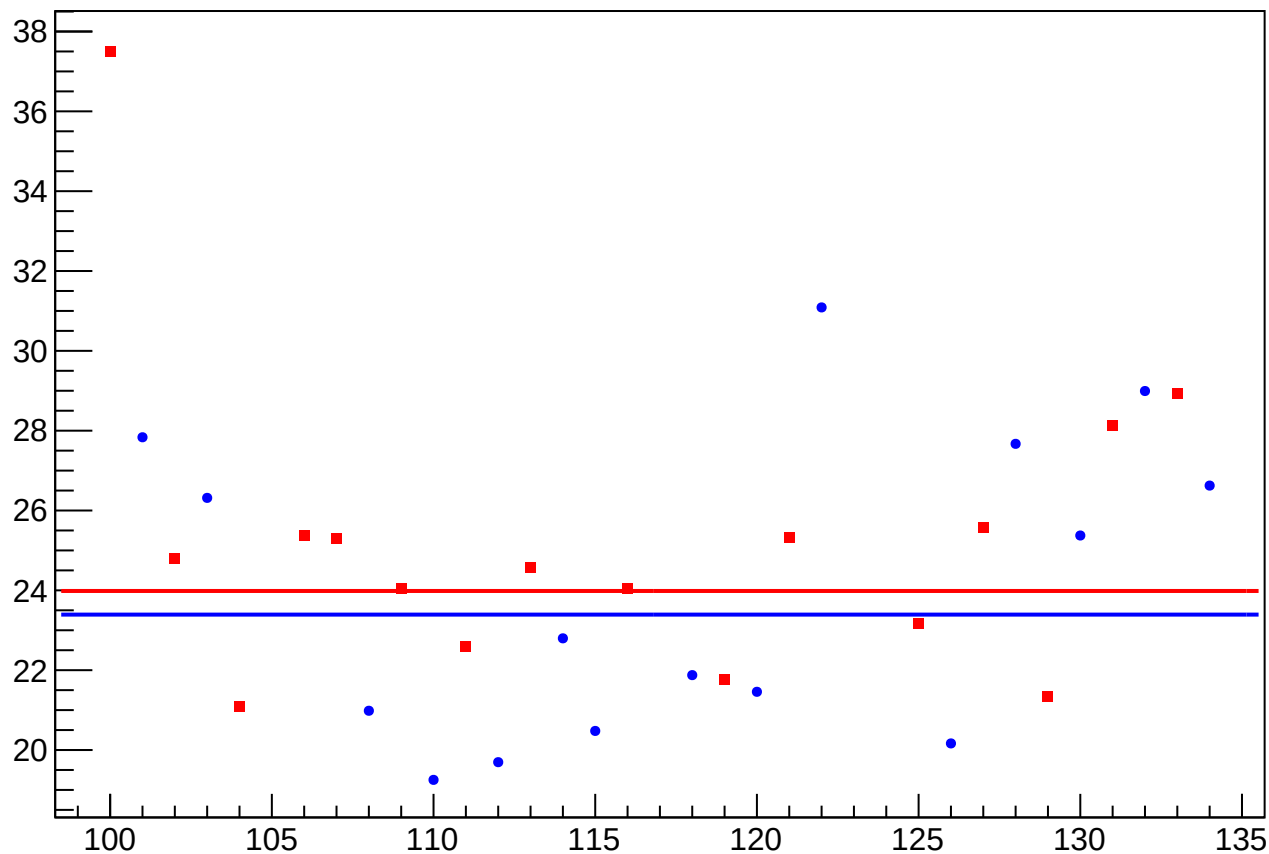
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.007 χ^2/NDF : 22.5/30

- 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: 23.984+/-0.007 χ^2/NDF : 109585.6/15

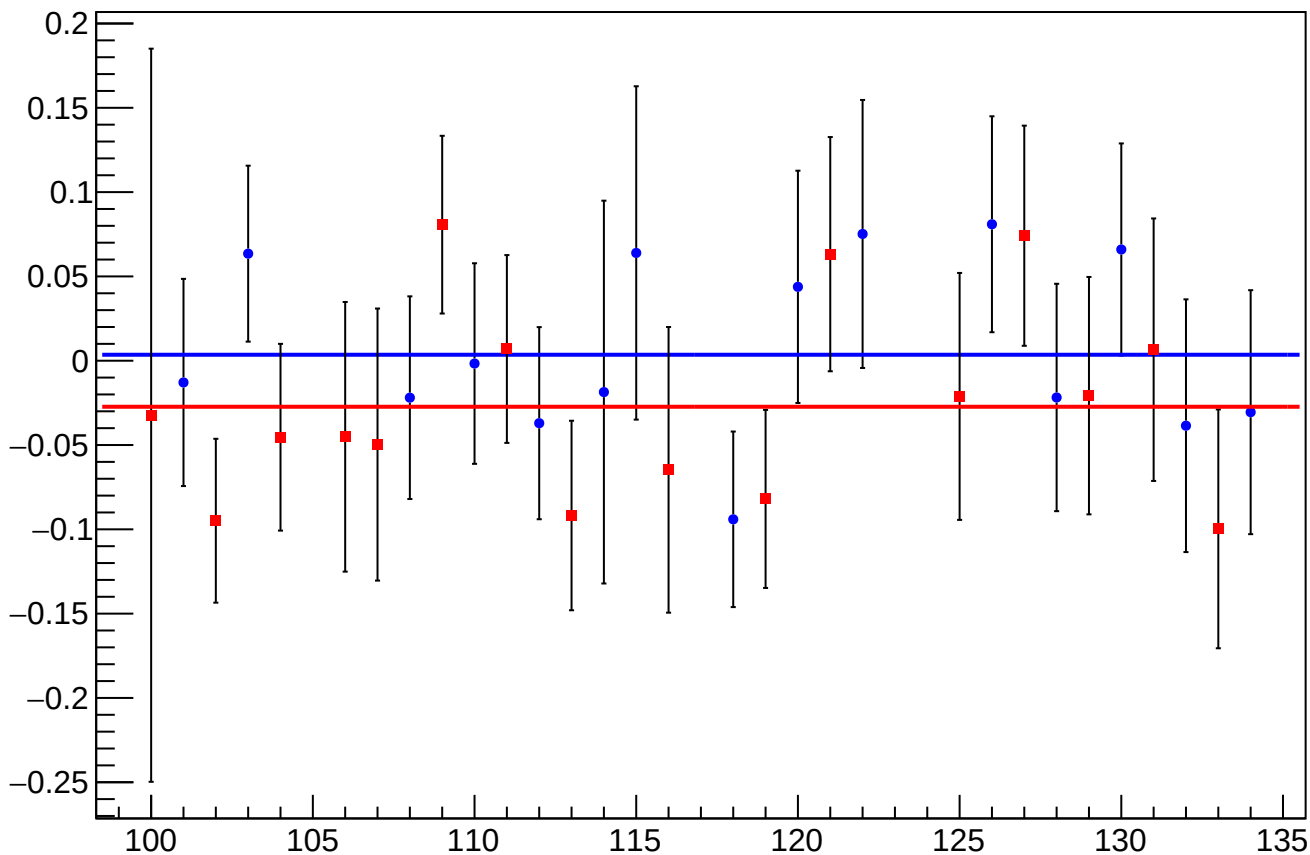
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.692+/-0.005 χ^2/NDF : 368920.5/30

- 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: -0.027 $\pm$ 0.016 χ^2 /NDF: 14.7/15

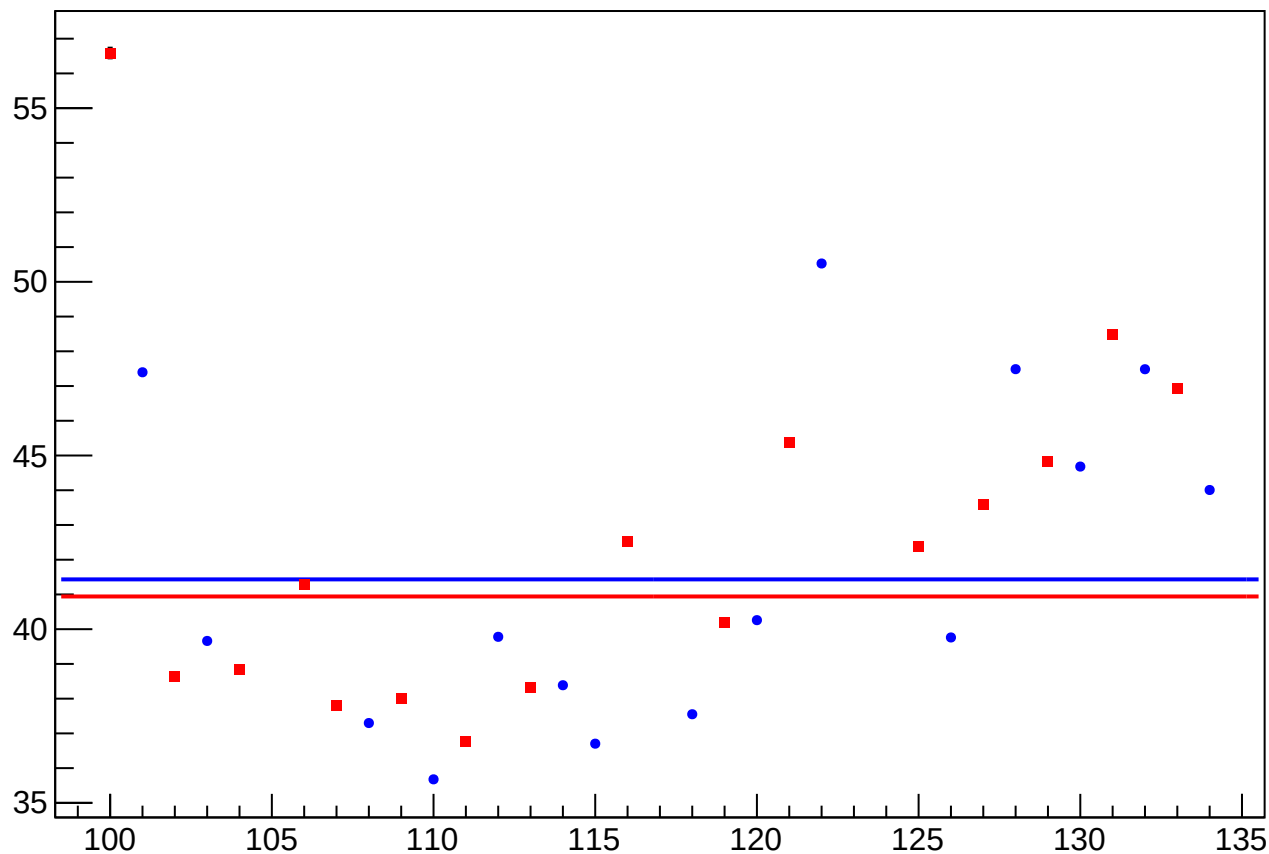
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.012 $\pm$ 0.012 χ^2 /NDF: 26.7/30

- 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: 40.942+/-0.012 χ^2/NDF : 95206.5/15

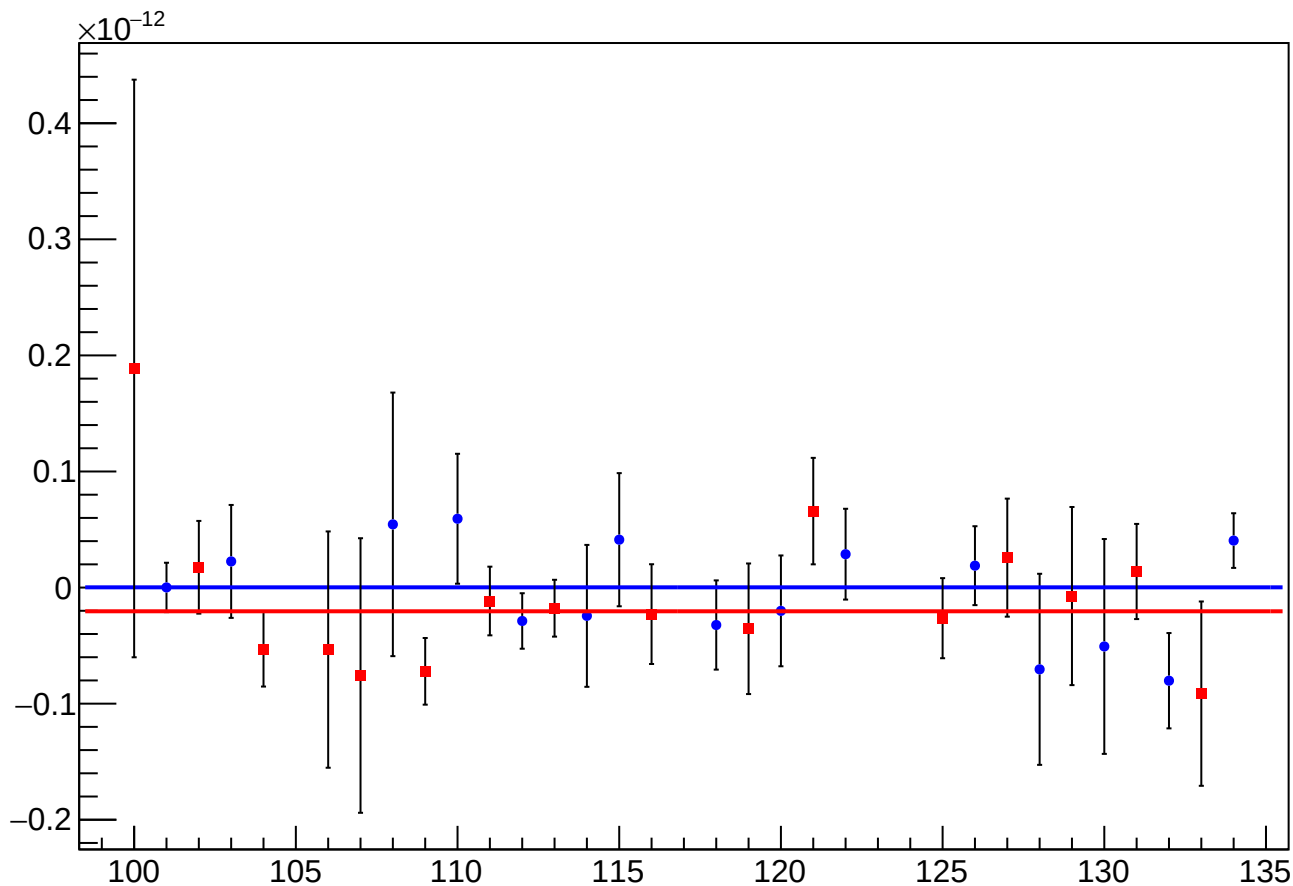
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.179+/-0.008 χ^2/NDF : 229390.0/30

- 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 ± 0.000 $\chi^2/\text{NDF}: 13.2/14$

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

Right Out: -0.000 ± 0.000 $\chi^2/\text{NDF}: 12.3/15$

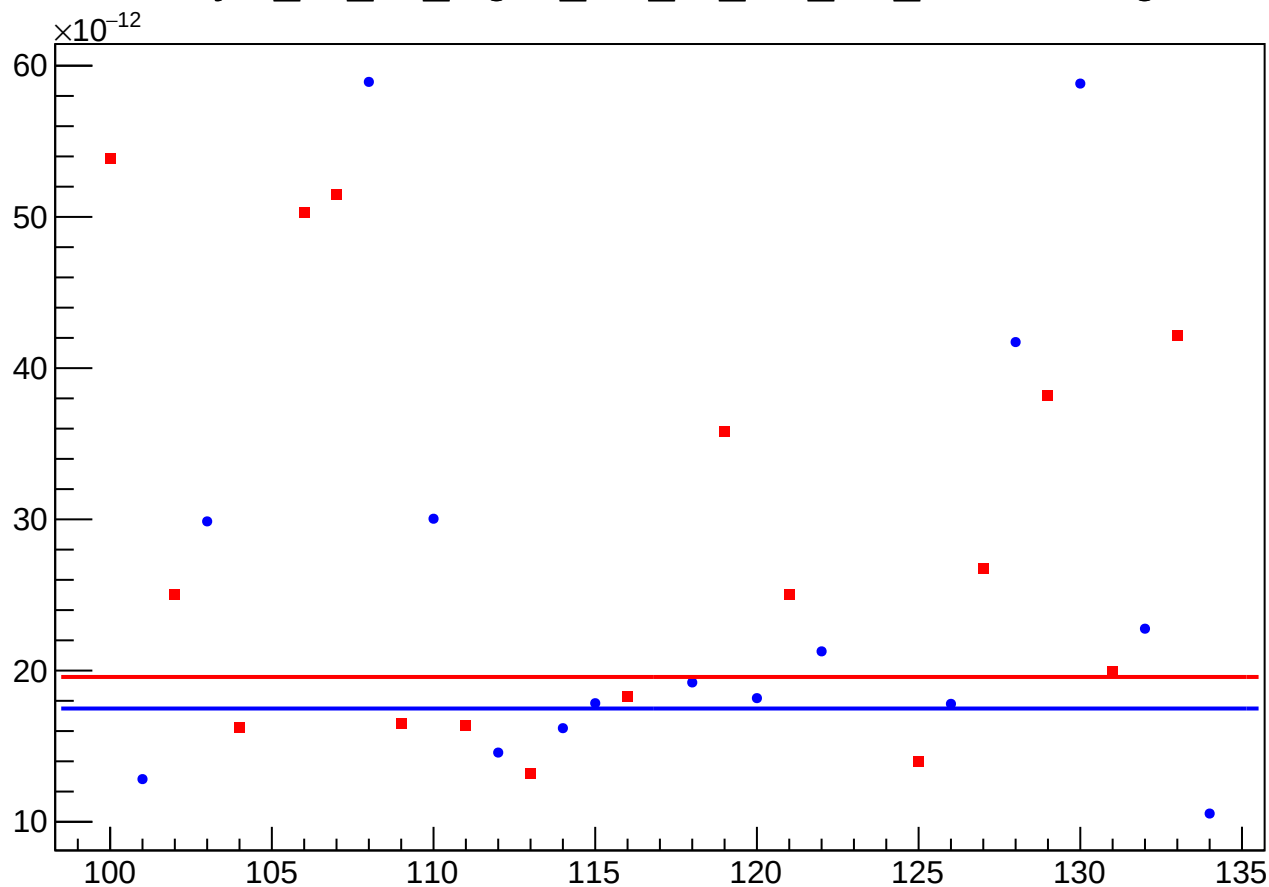
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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

All: -0.000 ± 0.000 $\chi^2/\text{NDF}: 27.6/30$

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

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 : 1174873.1/15

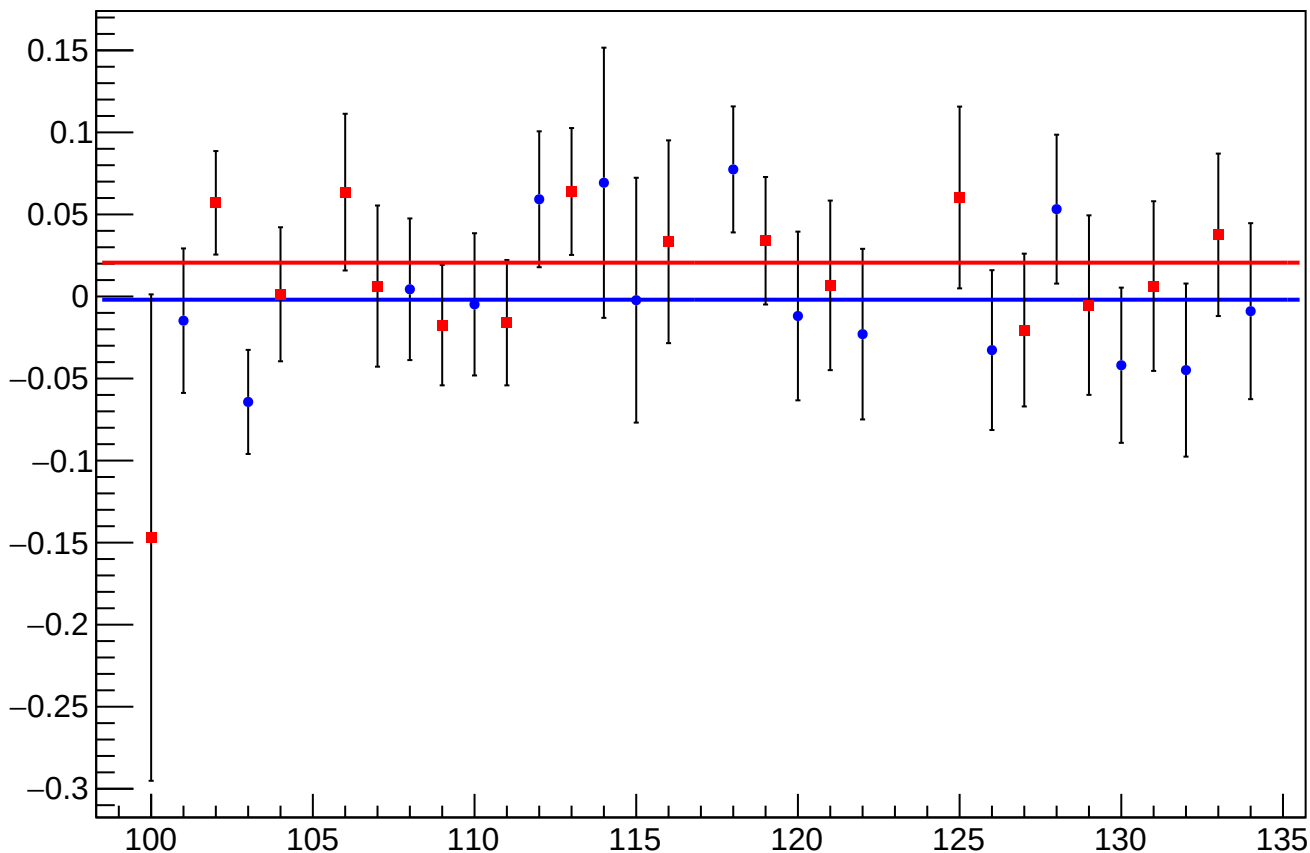
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2644213.8/30

- 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 ± 0.012 χ^2/NDF : 14.6/14

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

Right Out: 0.021 ± 0.011 χ^2/NDF : 8.9/15

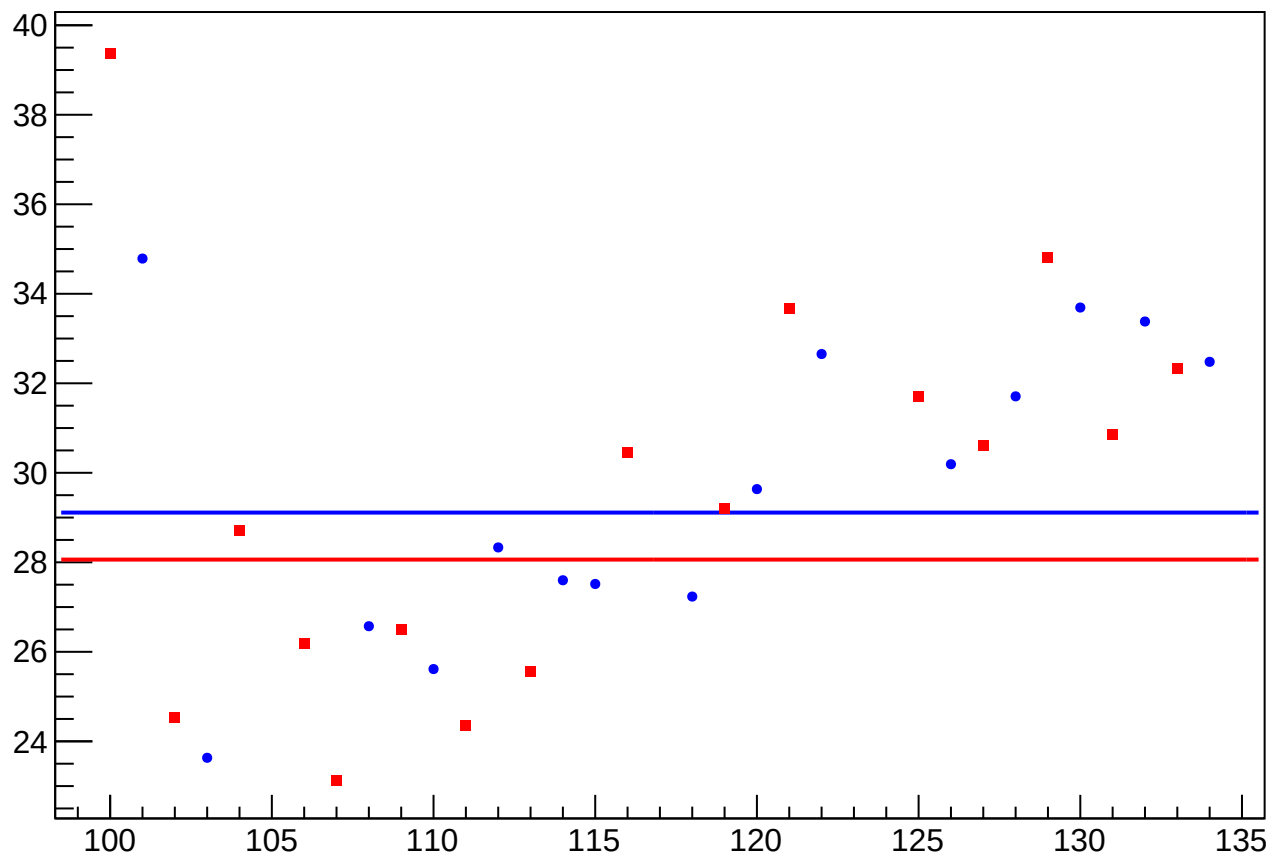
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.010 ± 0.008 χ^2/NDF : 25.4/30

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_overload_cor_vs_cor_diff_rms vs Slug



Right In: 29.111+/-0.008 χ^2/NDF : 176753.3/14

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

Right Out: 28.061+/-0.008 χ^2/NDF : 185558.7/15

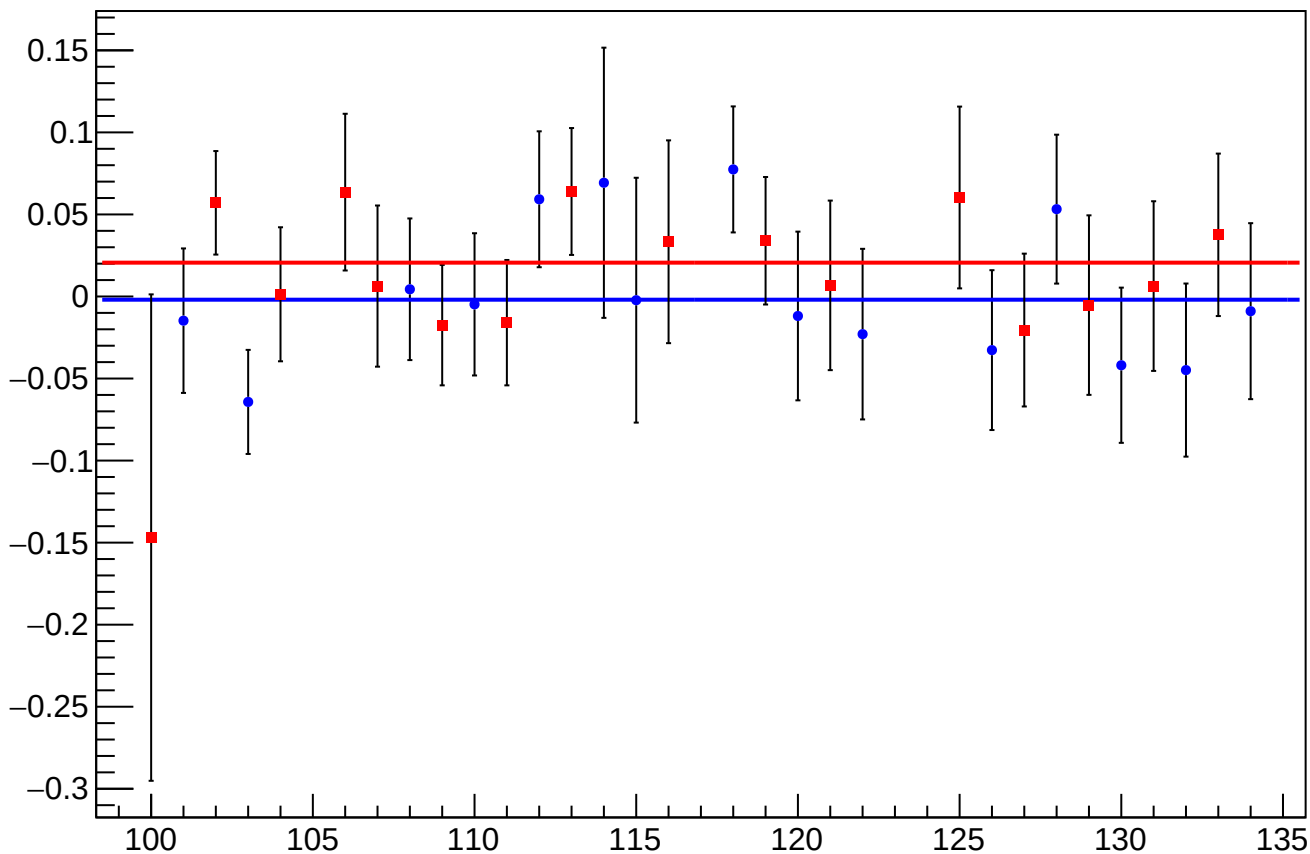
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.557+/-0.006 χ^2/NDF : 370437.3/30

- sign 0.000+/-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: 8.9/15

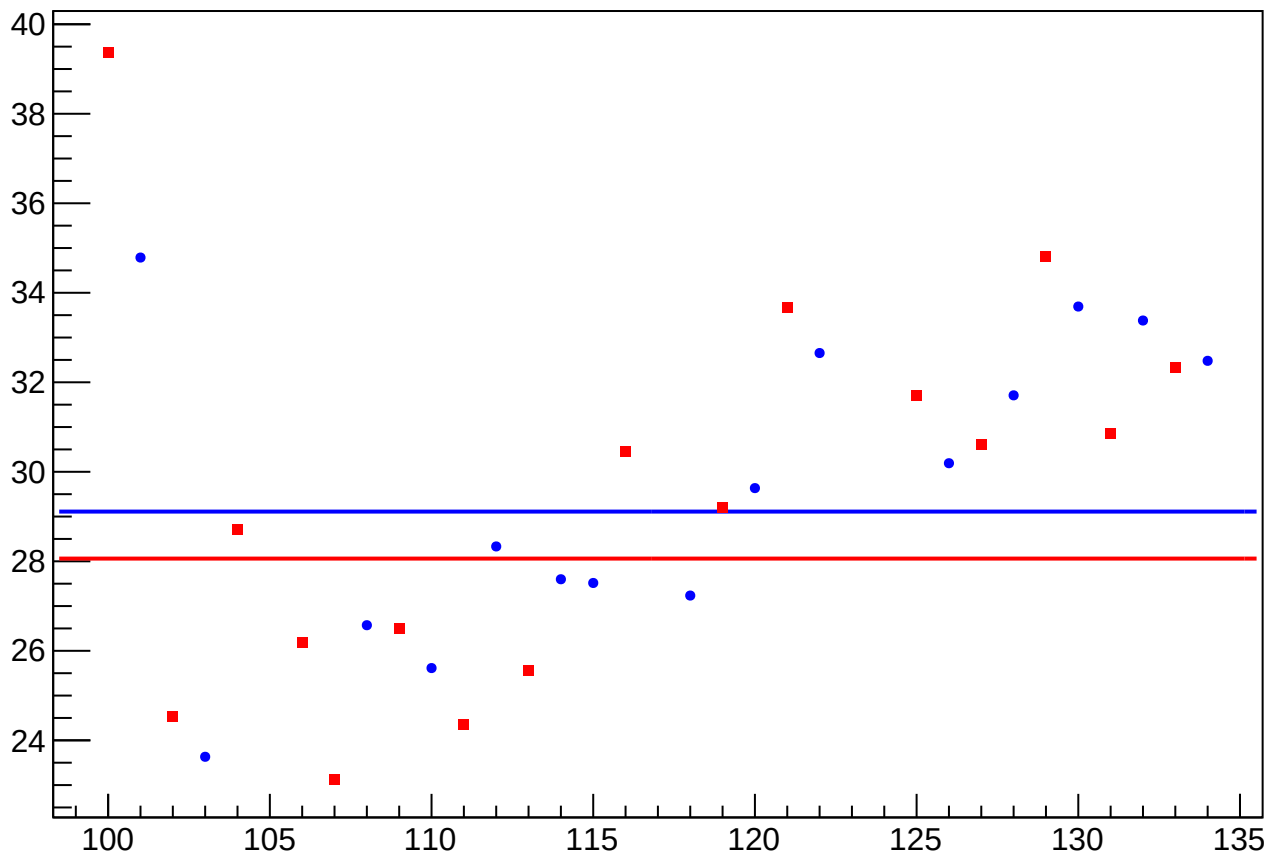
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.010 $\pm$ 0.008 χ^2 /NDF: 25.4/30

- 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: 28.061 $\pm$ 0.008 χ^2 /NDF: 185558.7/15

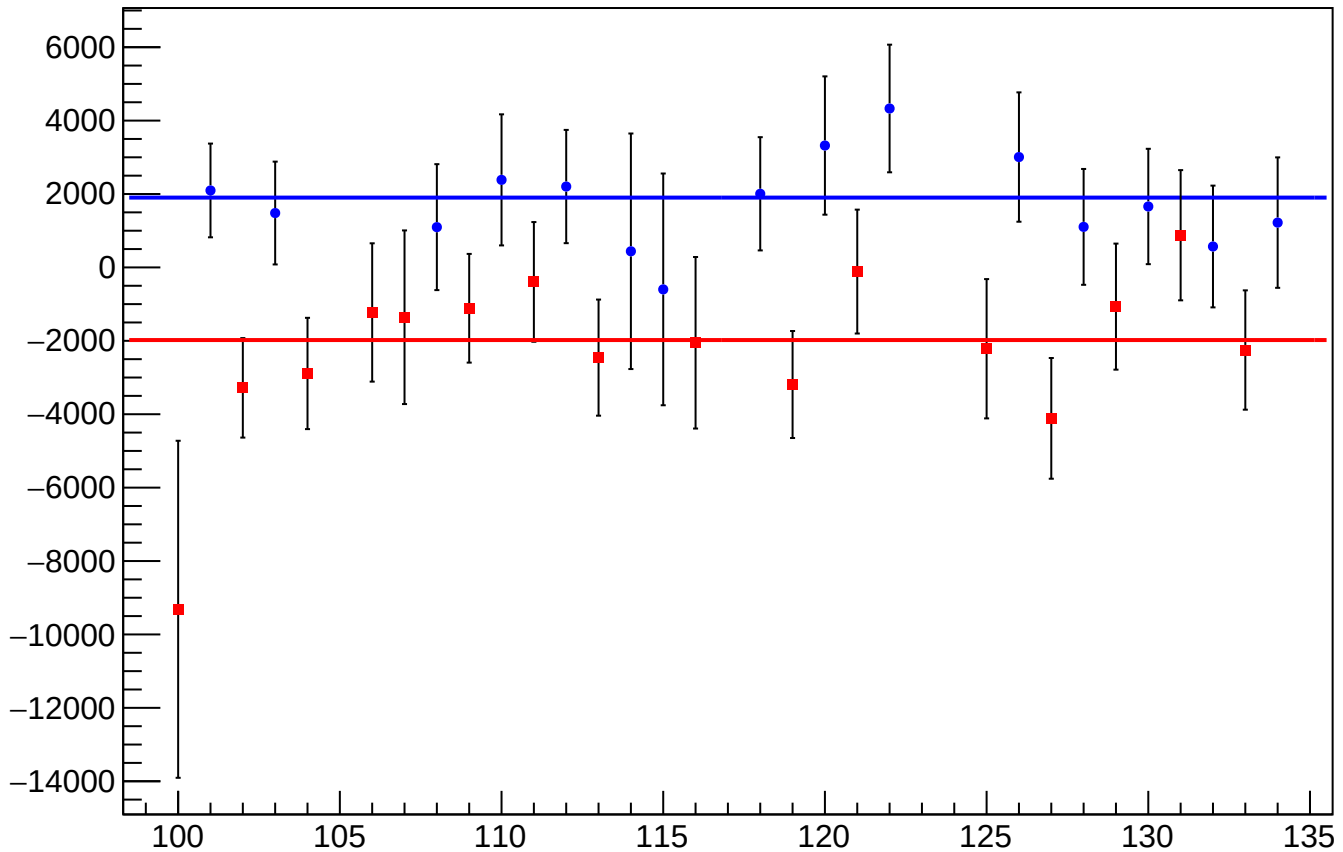
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 28.557 $\pm$ 0.006 χ^2 /NDF: 370437.3/30

- 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: -1979.021+/-430.085 χ^2 /NDF: 12.0/15

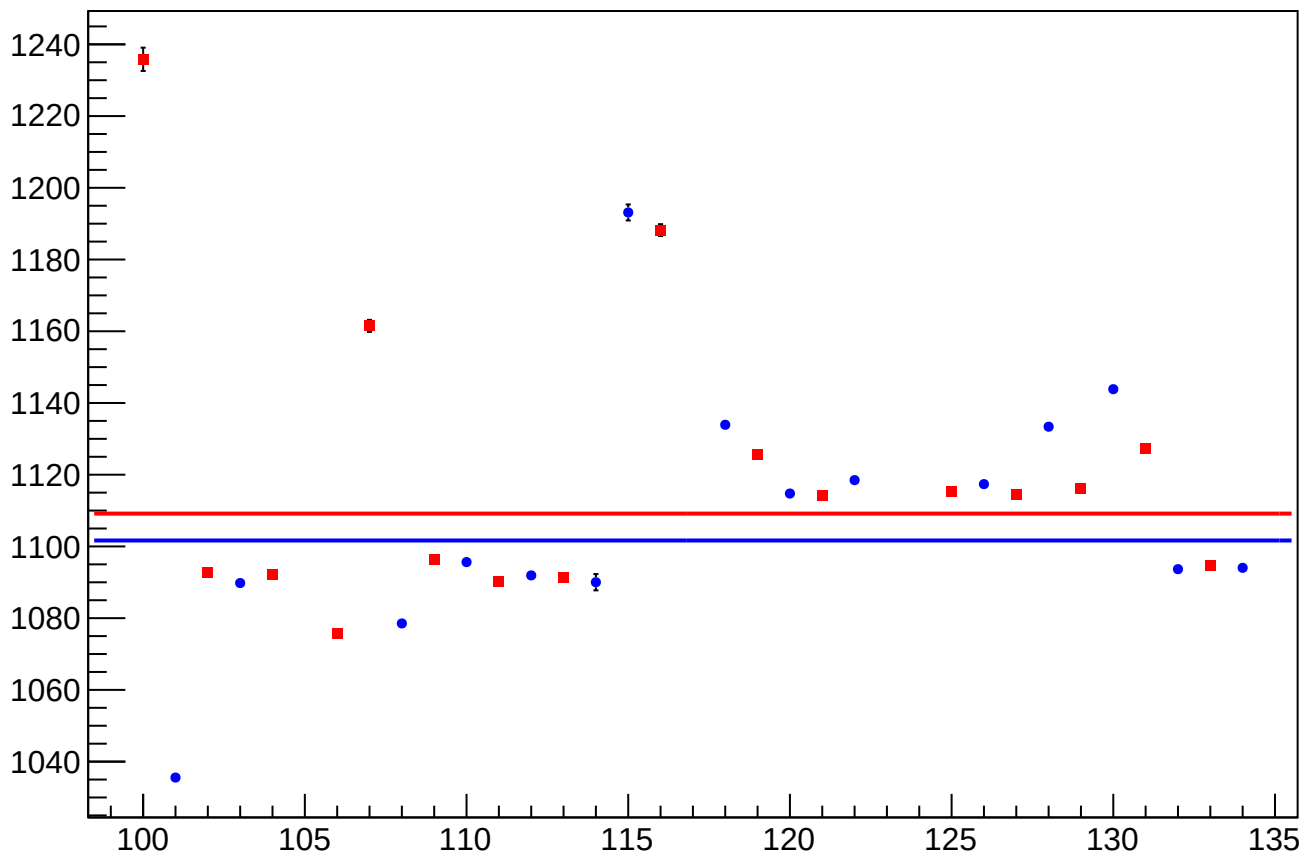
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -69.655+/-306.560 χ^2 /NDF: 57.3/30

- 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: 1109.157+/-0.304 χ^2/NDF : 7348.7/15

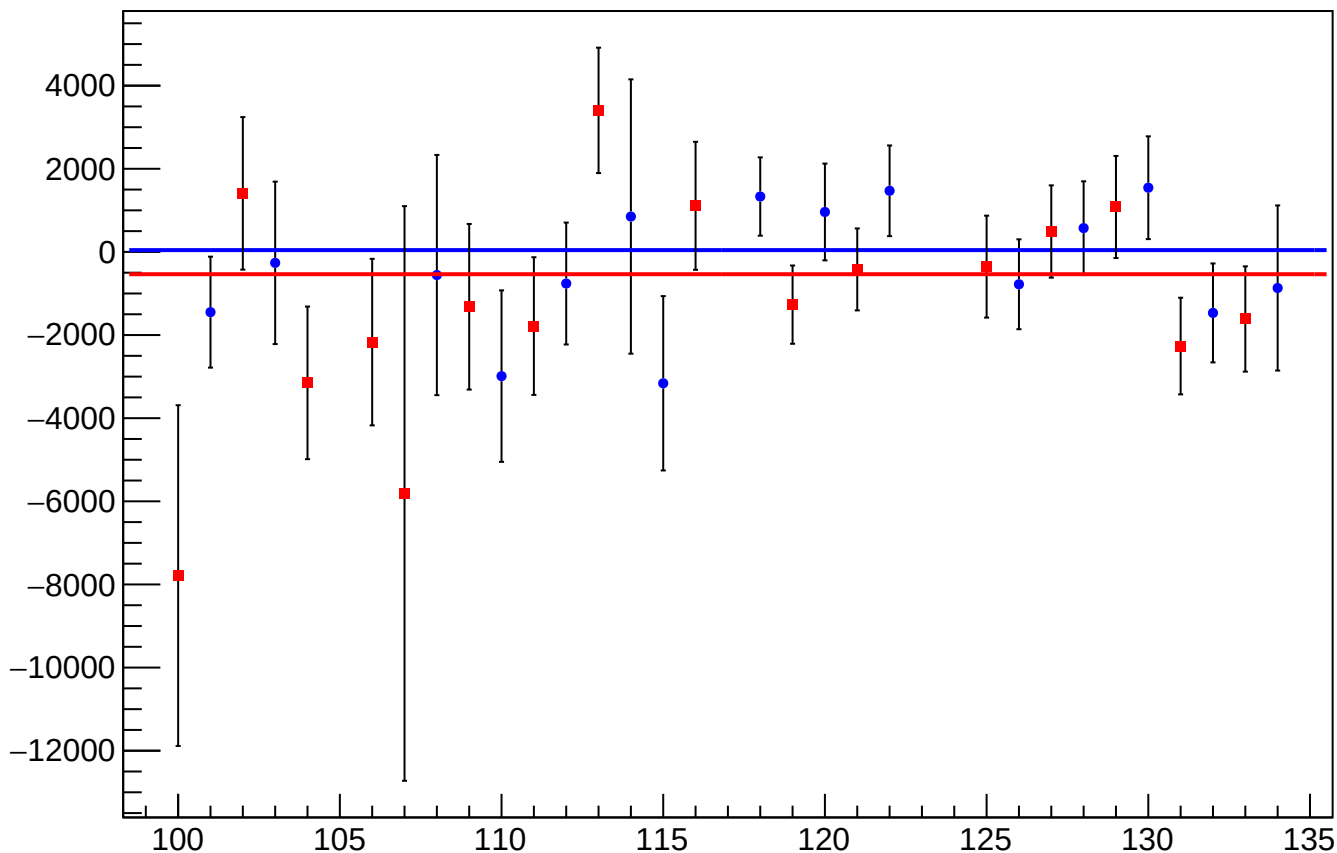
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1105.468+/-0.217 χ^2/NDF : 18971.1/30

- 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: -536.573+/-352.194 χ^2/NDF : 22.4/15

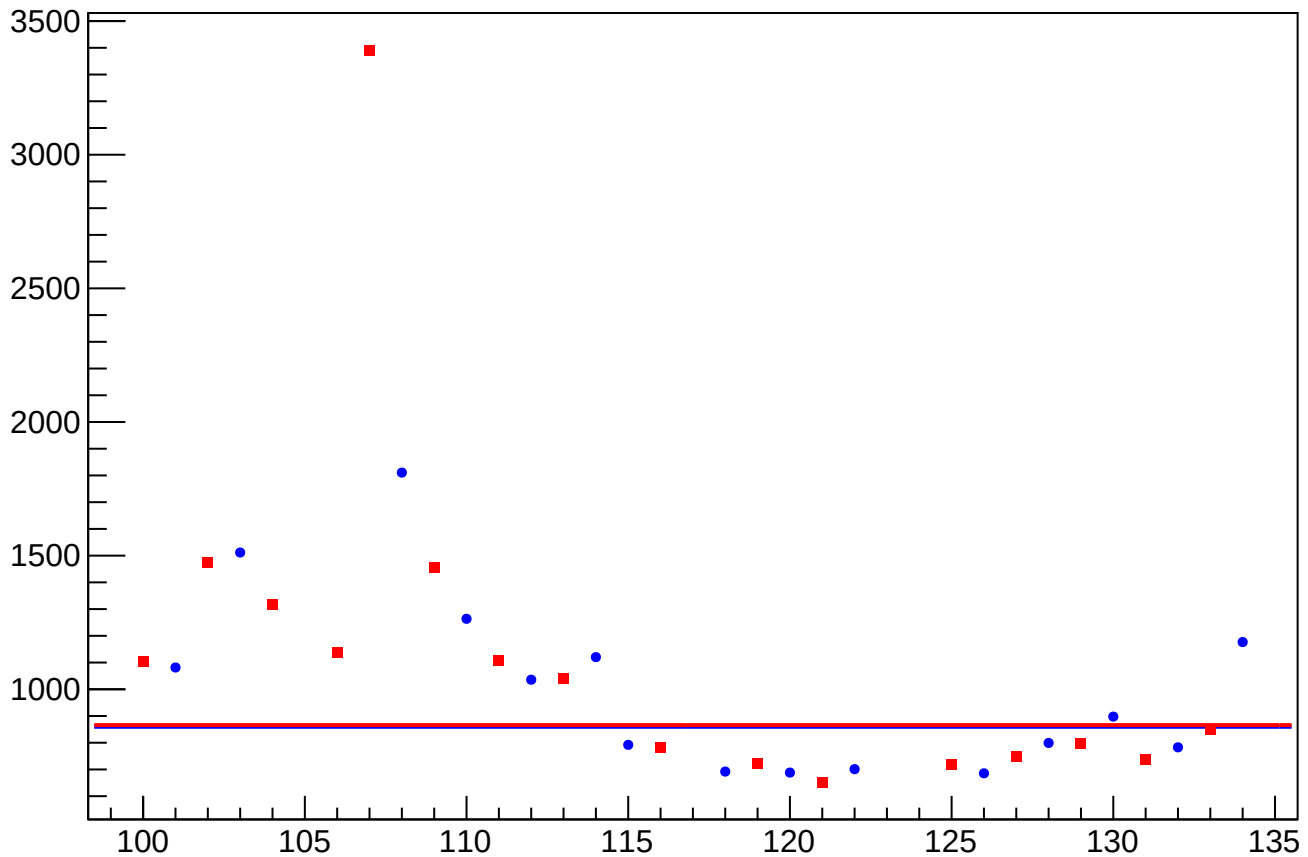
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -249.048+/-250.090 χ^2/NDF : 38.2/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_reg_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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

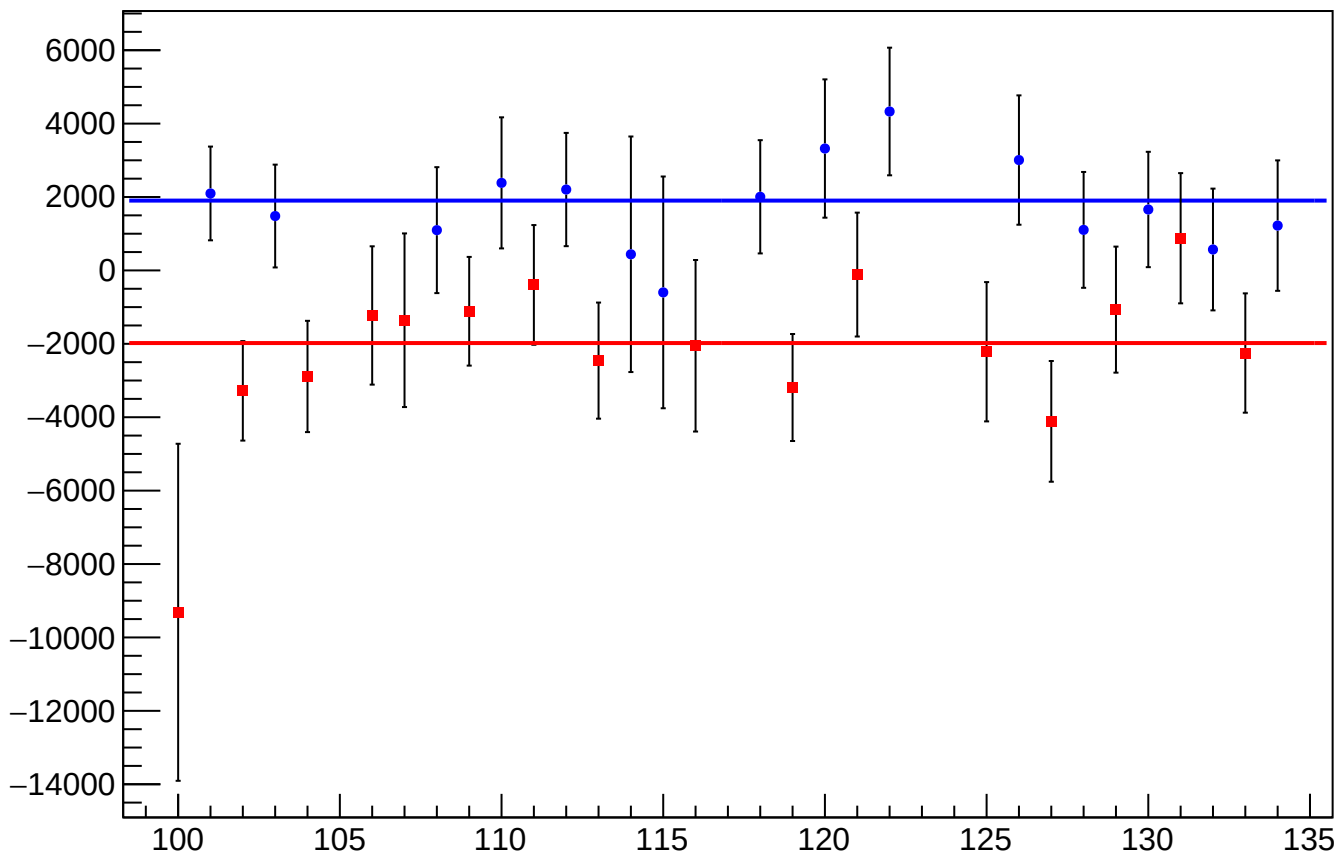
Right Out: 865.920+/-0.249 χ^2/NDF : 1122712.3/15

All: 862.844+/-0.177 χ^2/NDF : 2005379.5/30

- 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_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: -1979.021+/-430.085 χ^2 /NDF: 12.0/15

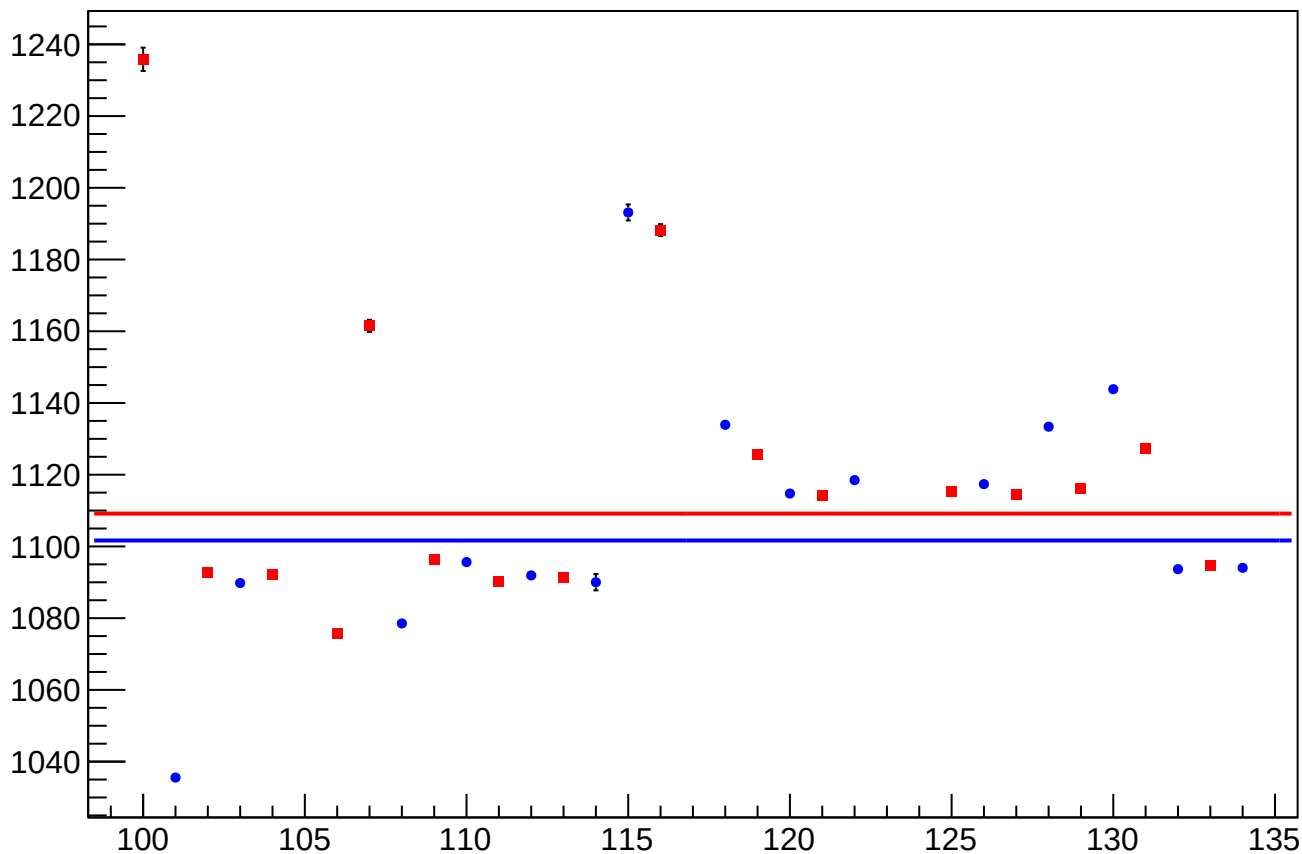
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -69.655+/-306.560 χ^2 /NDF: 57.3/30

- 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: 1109.157+/-0.304 χ^2/NDF : 7348.7/15

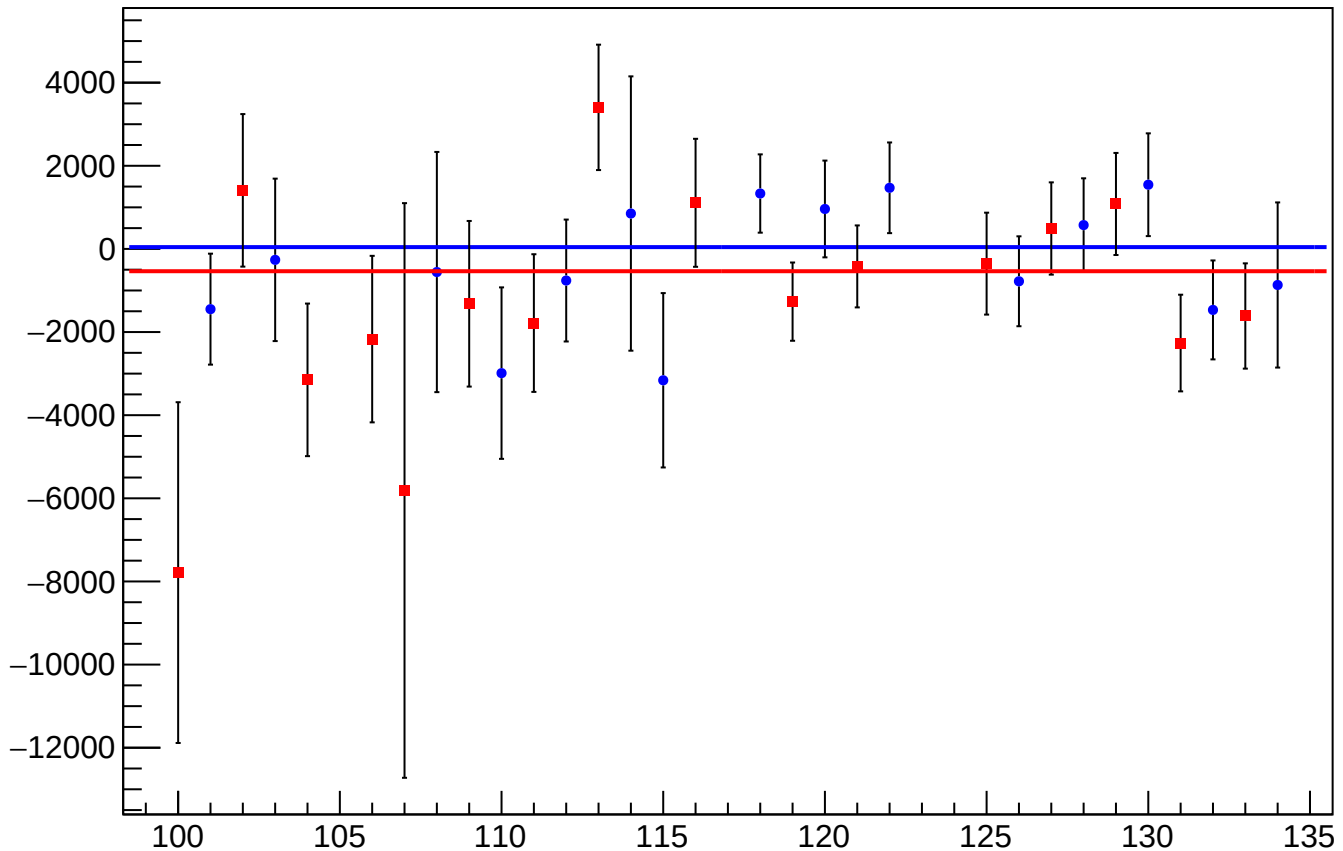
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1105.468+/-0.217 χ^2/NDF : 18971.1/30

- 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: -536.573+/-352.194 χ^2/NDF : 22.4/15

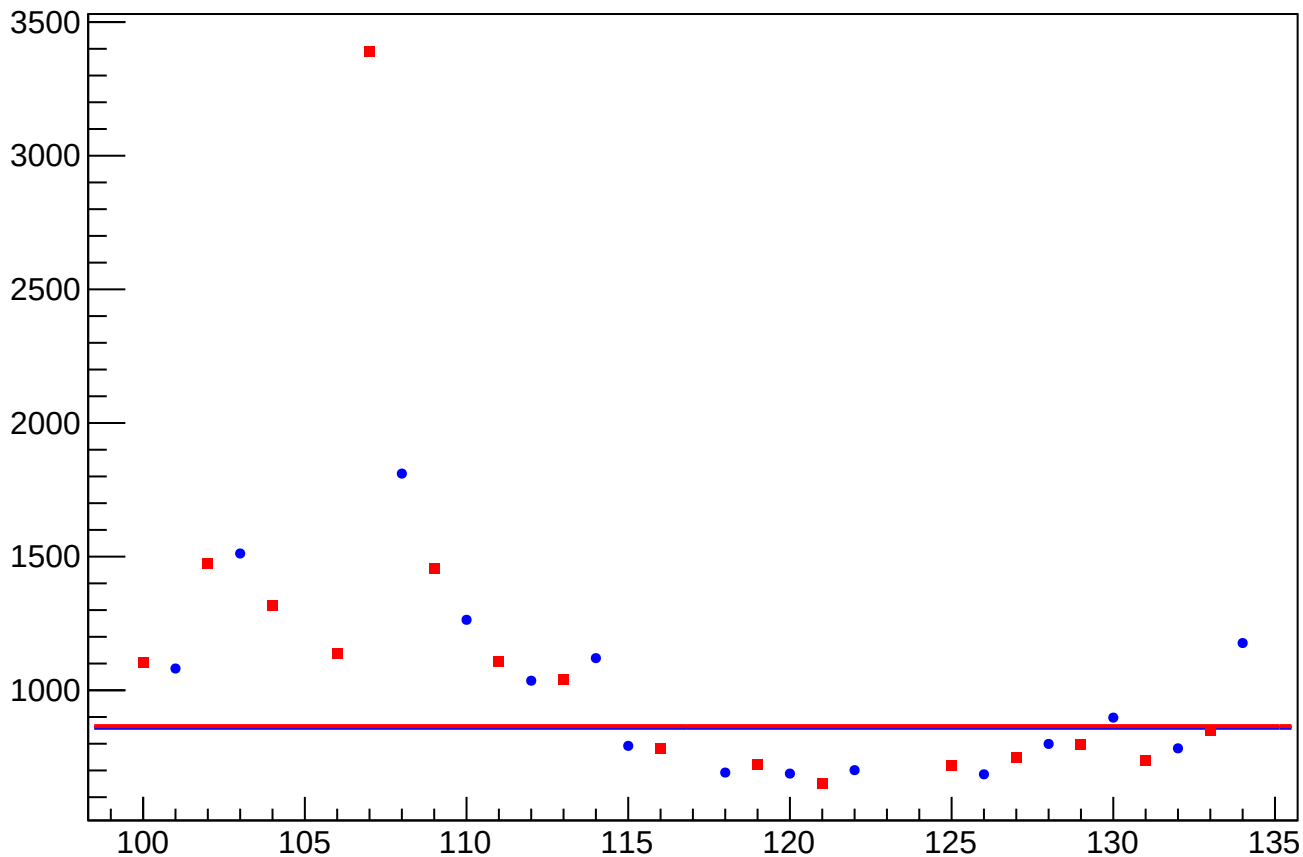
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -249.048+/-250.090 χ^2/NDF : 38.2/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_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: 865.920+/-0.249 χ^2/NDF : 1122712.3/15

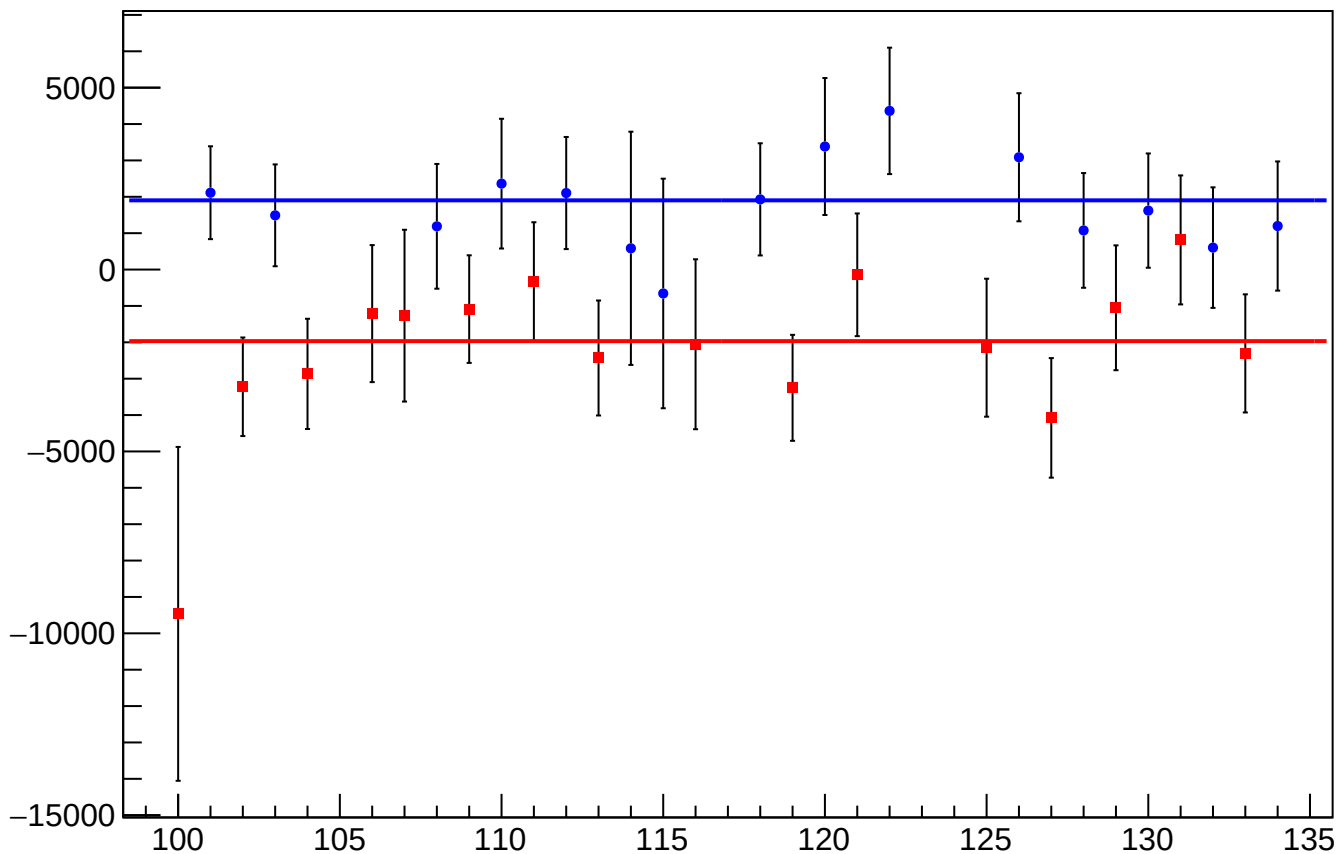
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 862.844+/-0.177 χ^2/NDF : 2005379.5/30

- sign 0.000+/-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: -1967.724+/-429.730 χ^2/NDF : 12.0/15

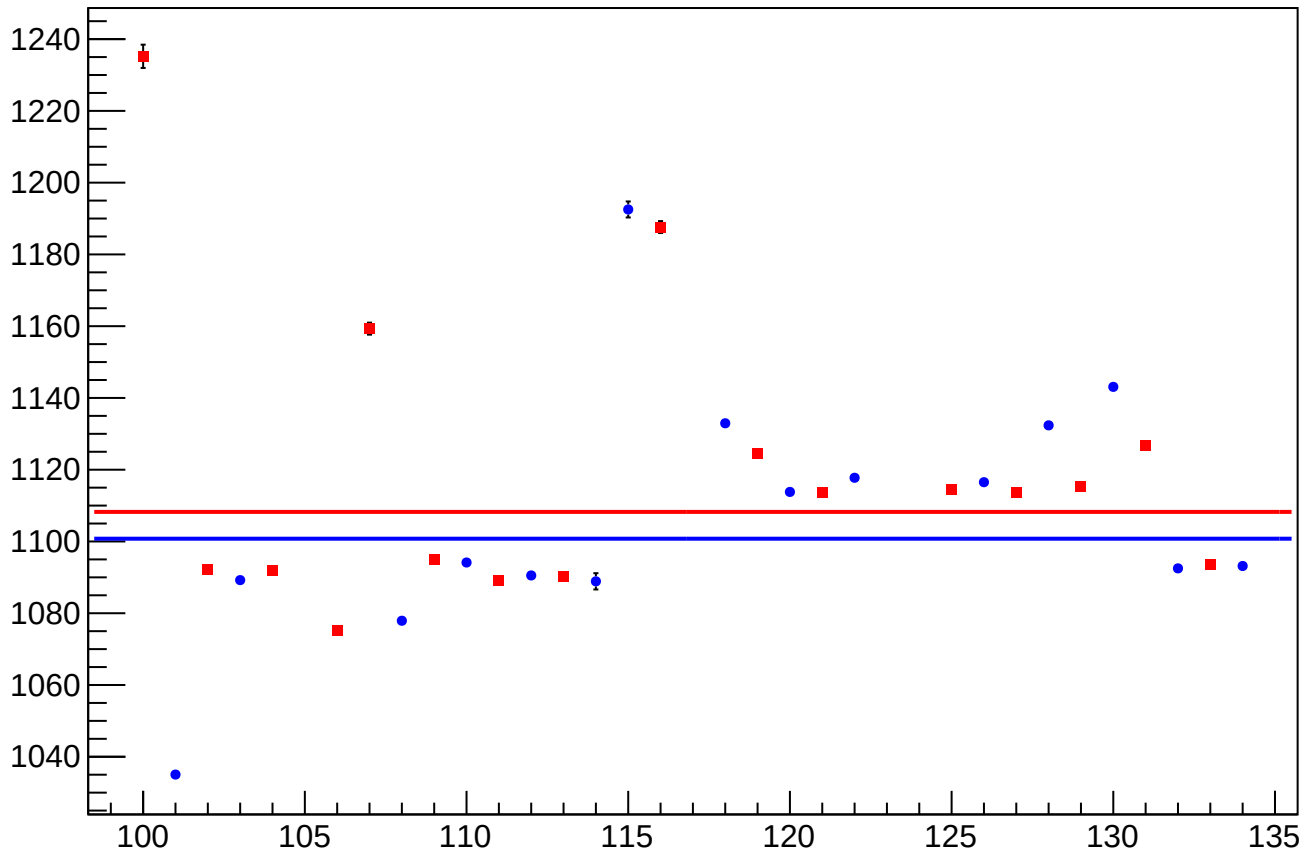
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.758+/-306.310 χ^2/NDF : 57.2/30

- 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: 1108.242+/-0.304 χ^2/NDF : 7337.2/15

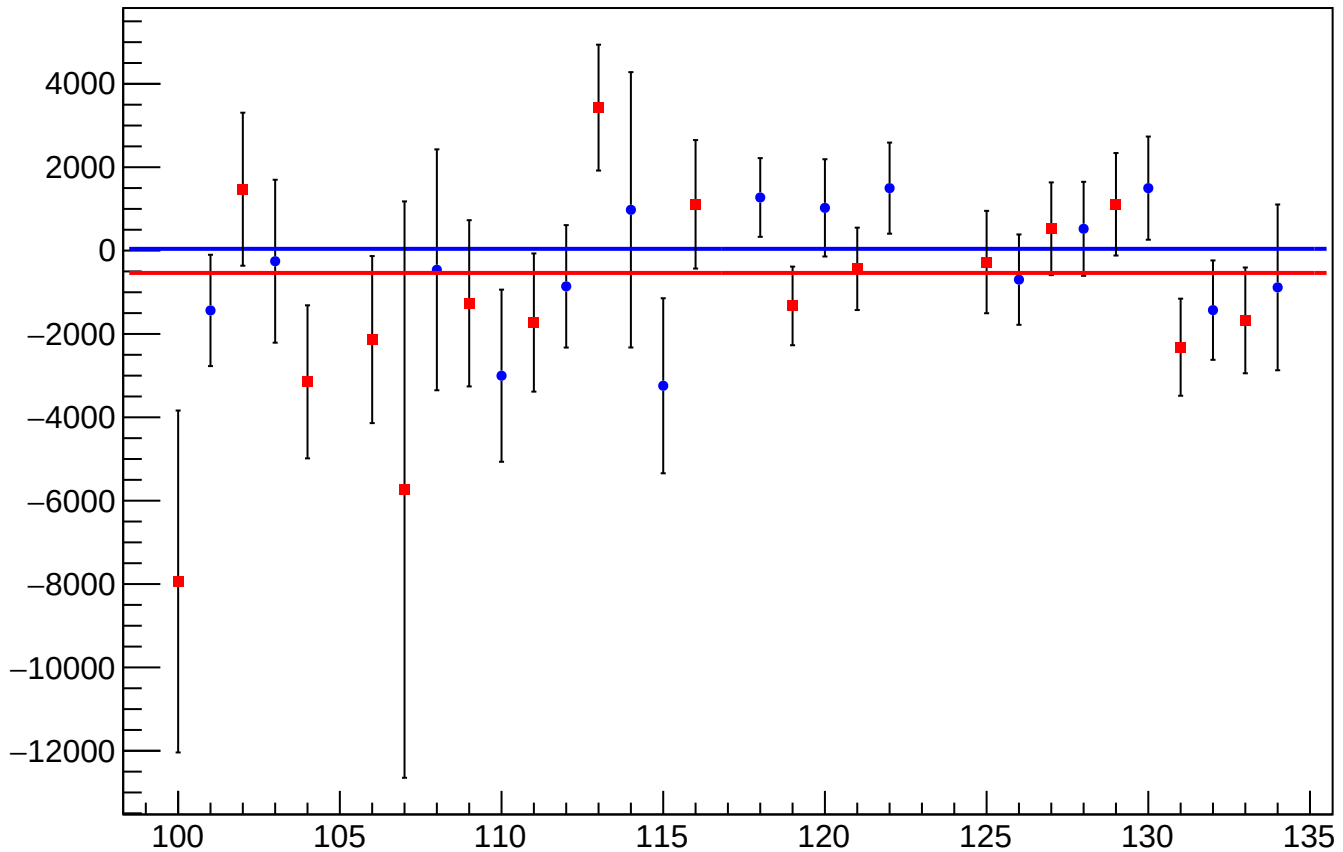
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1104.568+/-0.217 χ^2/NDF : 18922.8/30

- 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: -536.025+/-352.726 χ^2/NDF : 23.0/15

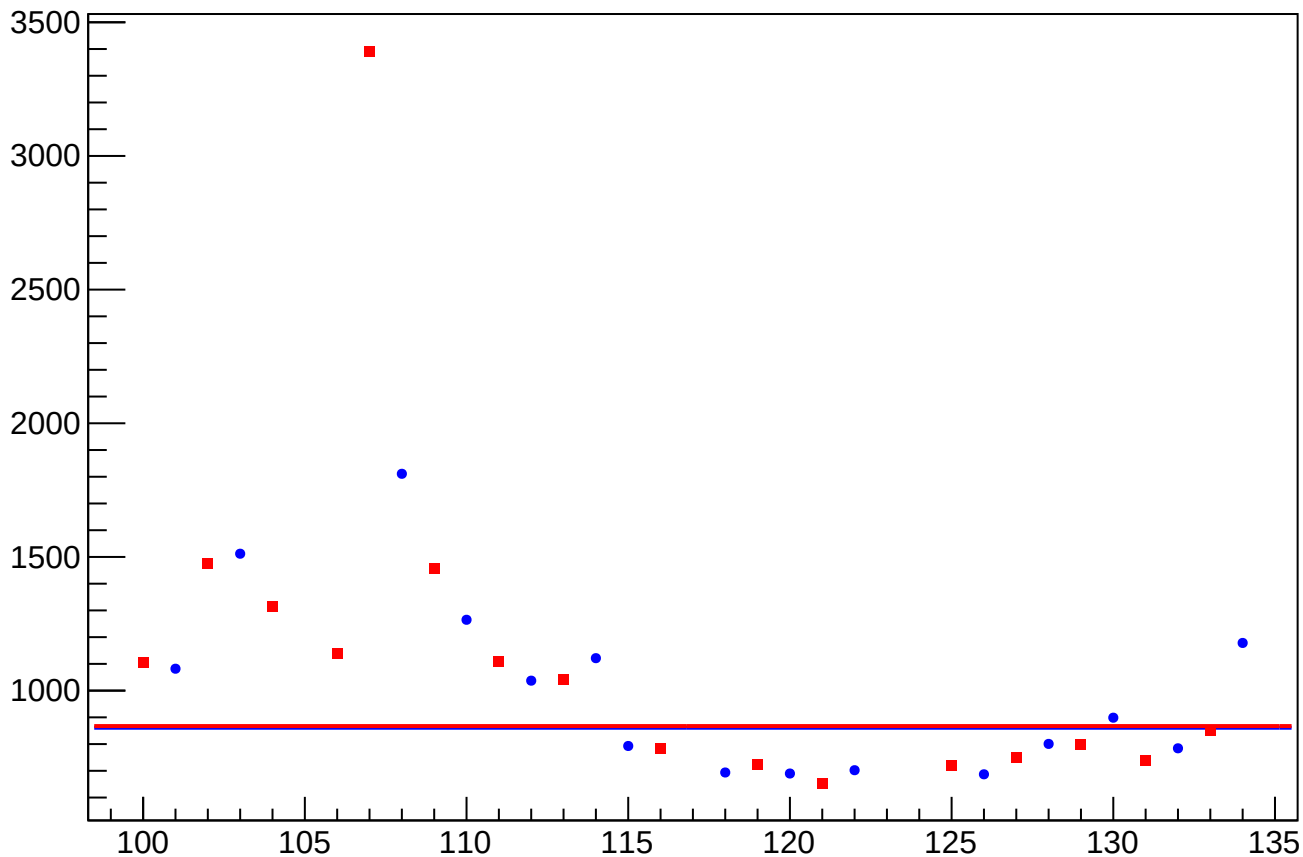
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -249.501+/-250.480 χ^2/NDF : 38.6/30

- 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: 867.360+/-0.249 χ^2/NDF : 1119373.5/15

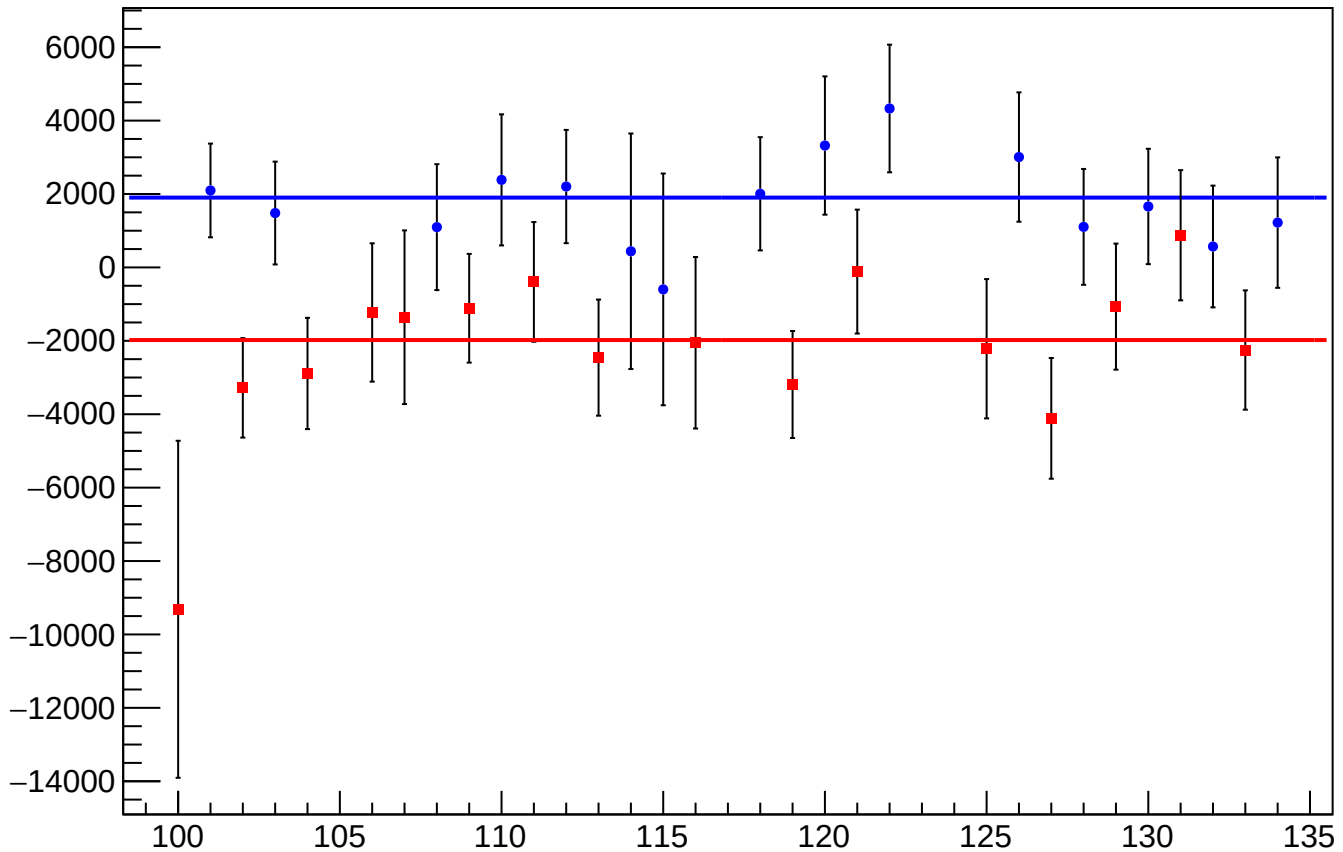
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 864.322+/-0.177 χ^2/NDF : 1998795.3/30

- 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: -1979.021+/-430.085 χ^2 /NDF: 12.0/15

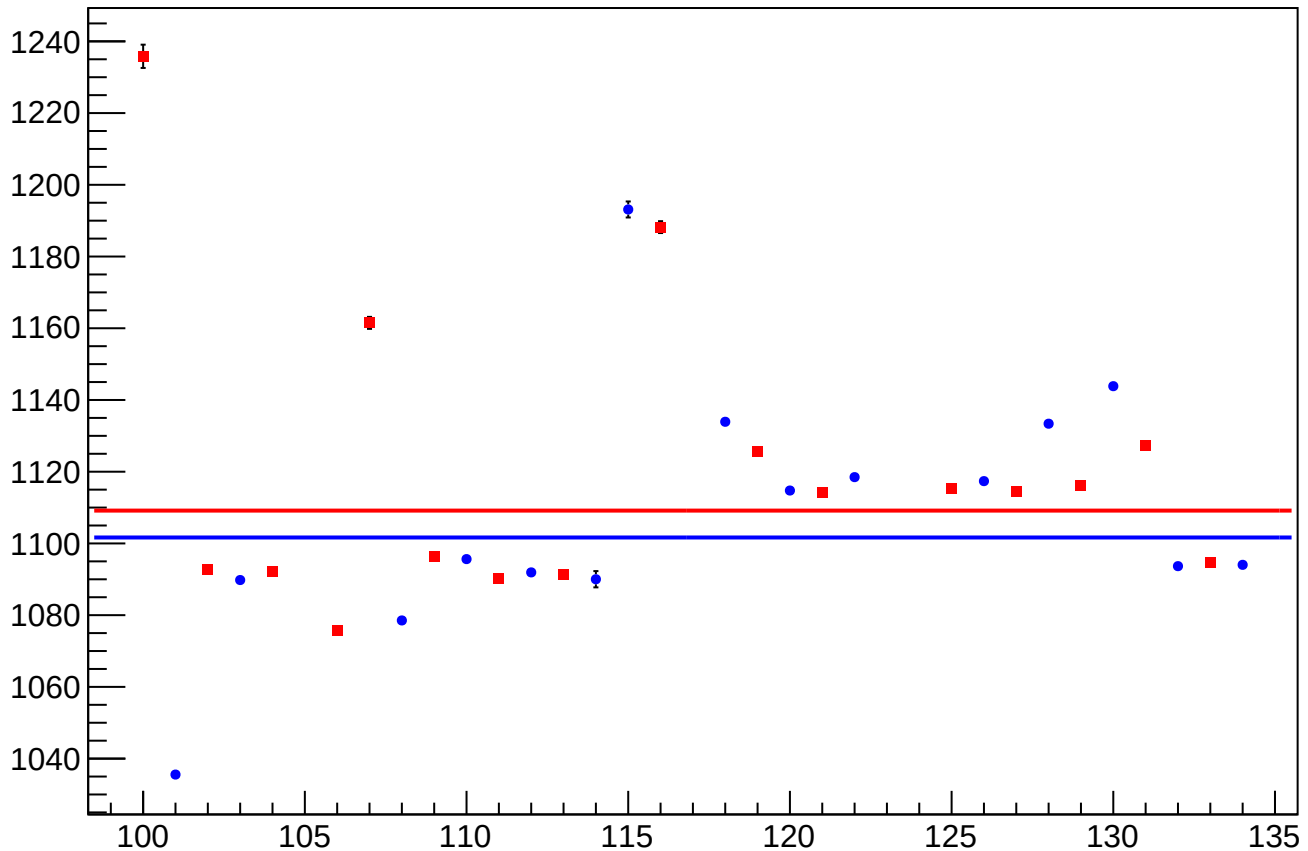
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -69.655+/-306.560 χ^2 /NDF: 57.3/30

- 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: 1109.157+/-0.304 χ^2/NDF : 7348.7/15

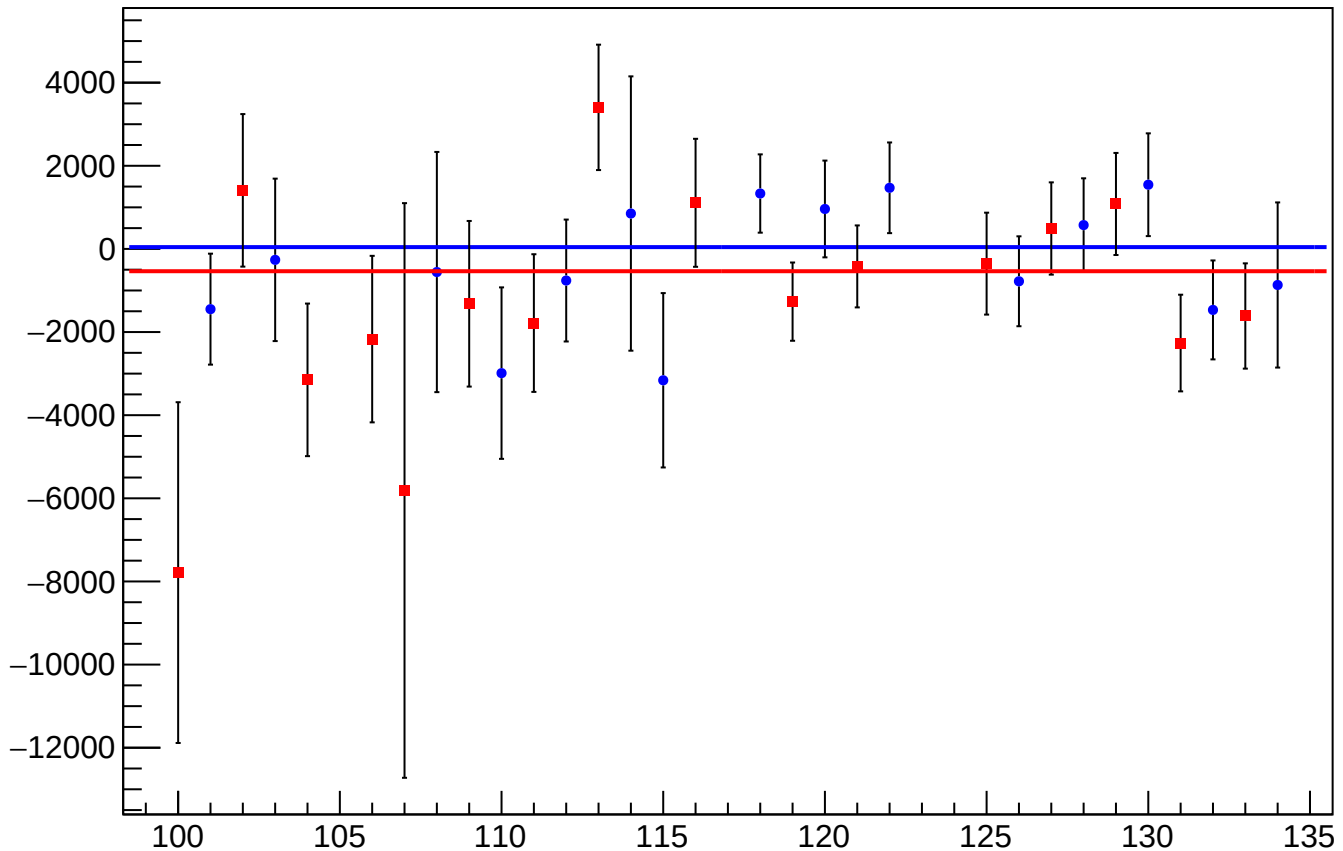
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1105.468+/-0.217 χ^2/NDF : 18971.1/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_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: -536.573+/-352.194 χ^2 /NDF: 22.4/15

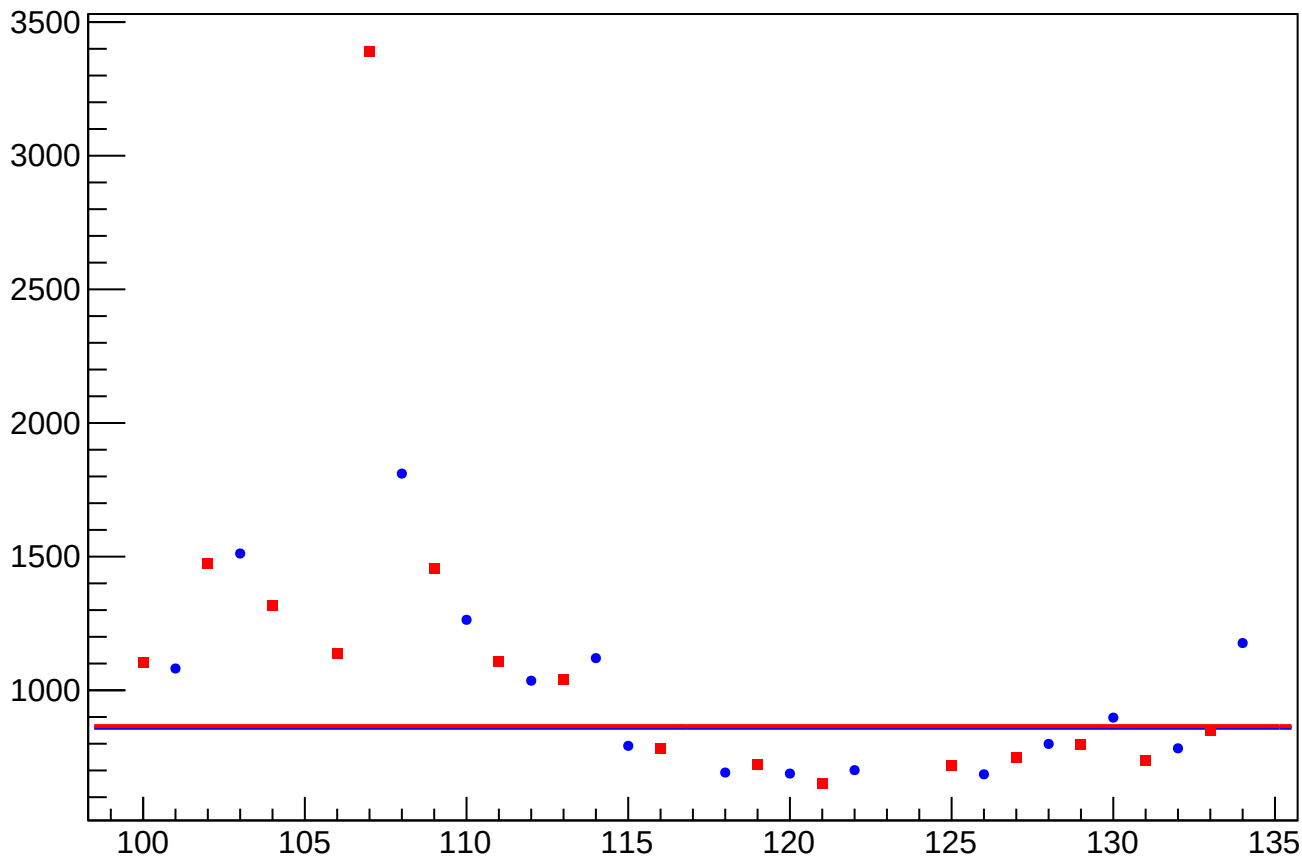
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -249.048+/-250.090 χ^2 /NDF: 38.2/30

- sign 0.000+/-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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

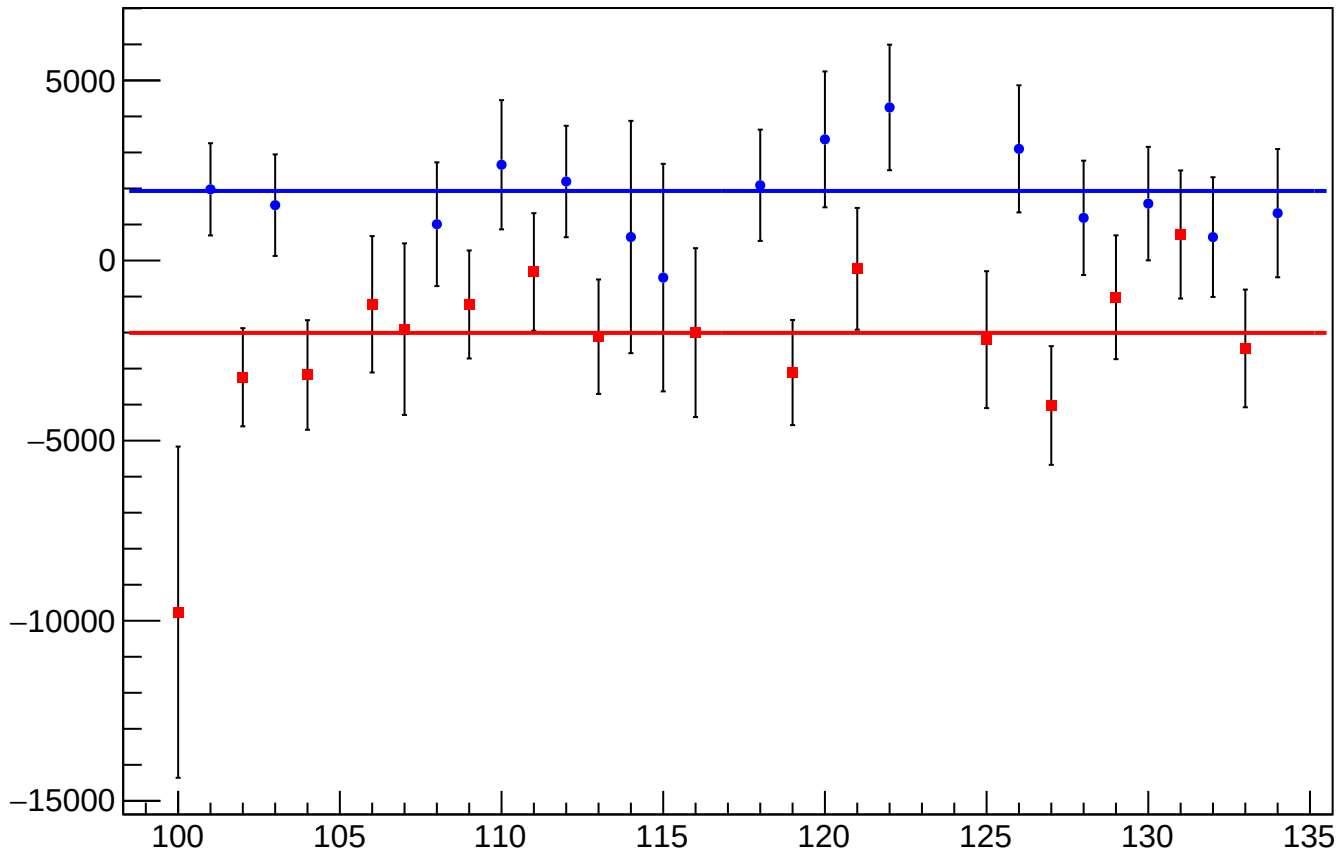
Right Out: 865.920+/-0.249 χ^2/NDF : 1122712.3/15

All: 862.844+/-0.177 χ^2/NDF : 2005379.5/30

- 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_mean vs Slug



Right In: 1931.478+/-438.274 χ^2/NDF : 5.1/14

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

Right Out: -2008.841+/-431.700 χ^2/NDF : 11.7/15

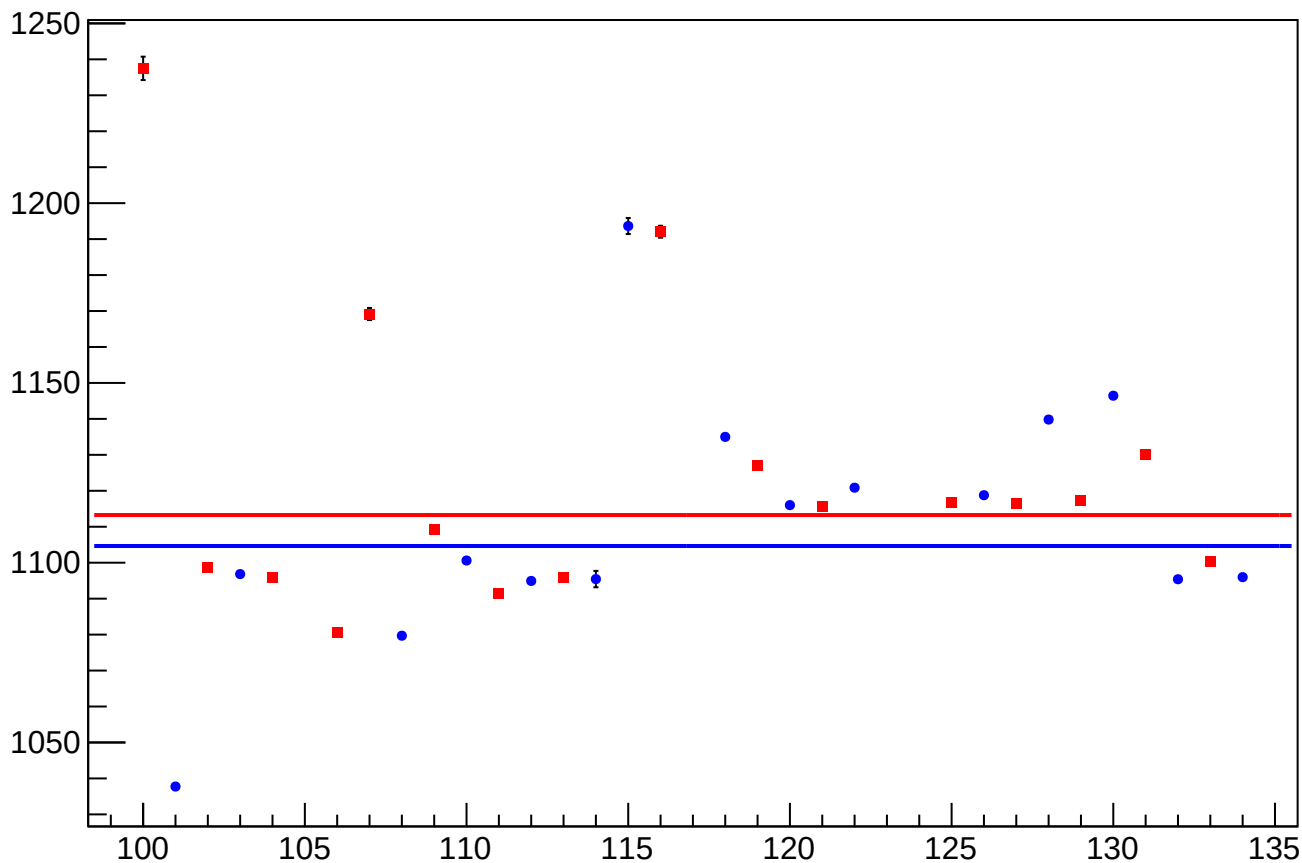
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.454+/-307.556 χ^2/NDF : 57.8/30

- sign 0.000+/-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: 1113.259 ± 0.305 χ^2/NDF : 7029.1/15

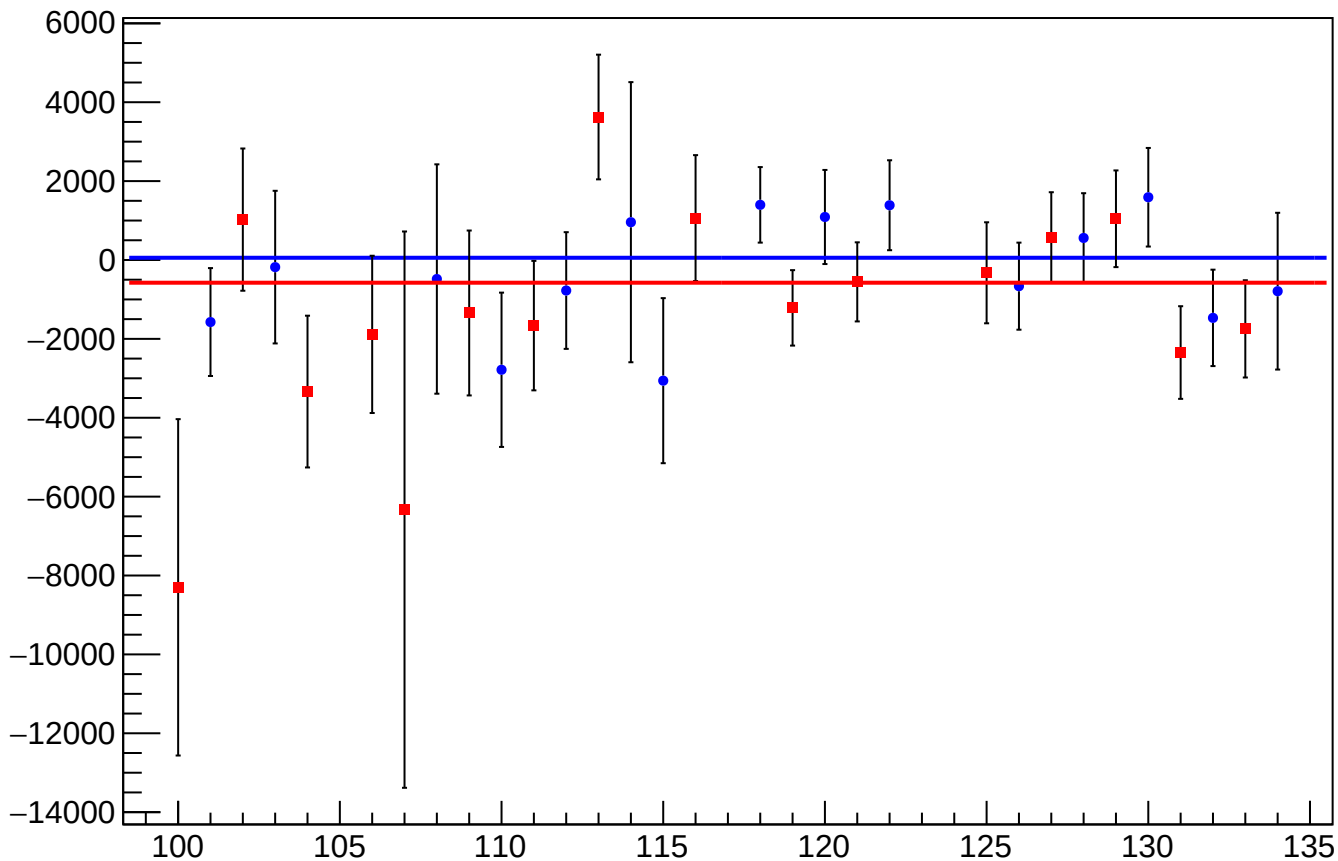
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1109.018 ± 0.217 χ^2/NDF : 18709.1/30

- 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: -576.220+/-357.927 χ^2/NDF : 22.3/15

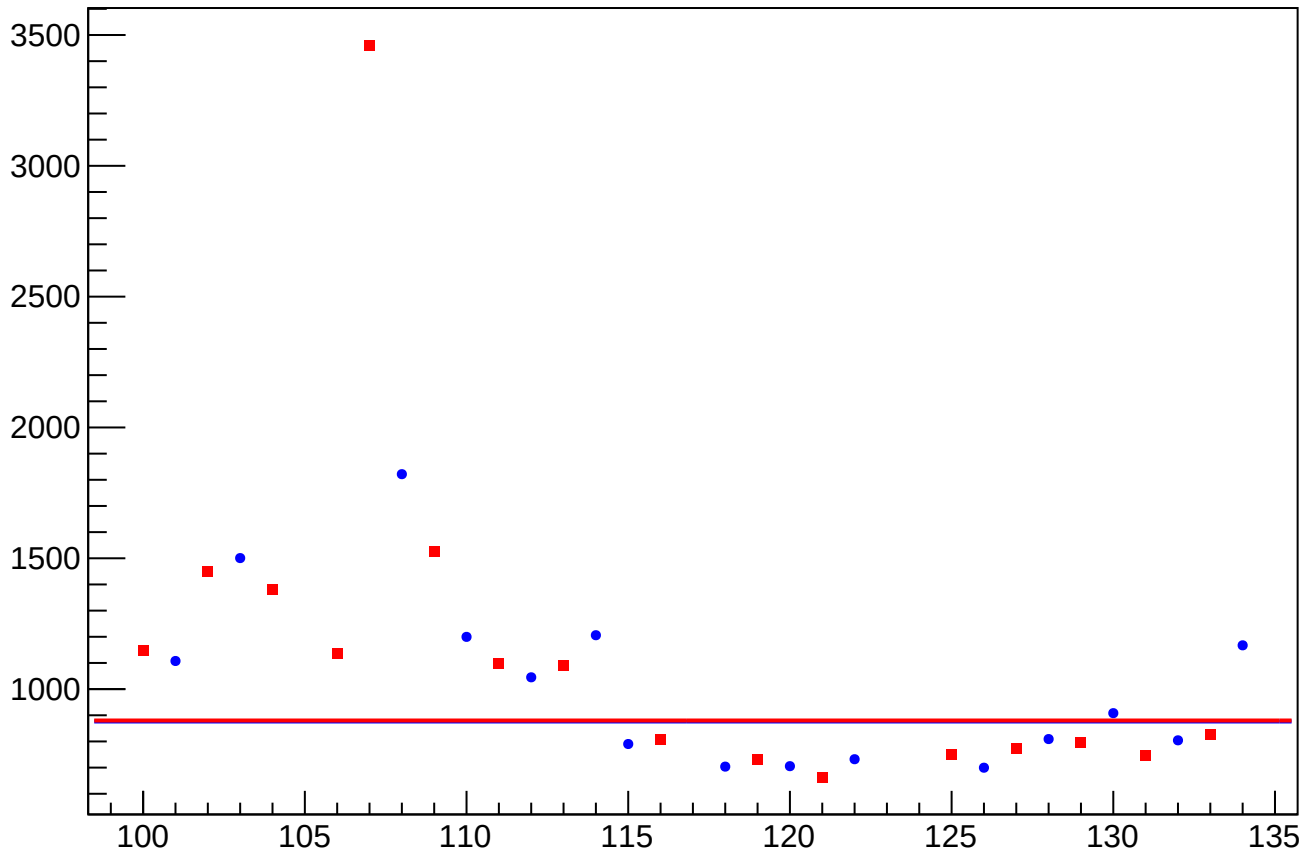
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -262.726+/-254.210 χ^2/NDF : 38.0/30

- 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: 880.031 $\pm$ 0.253 χ^2 /NDF: 1128670.7/15

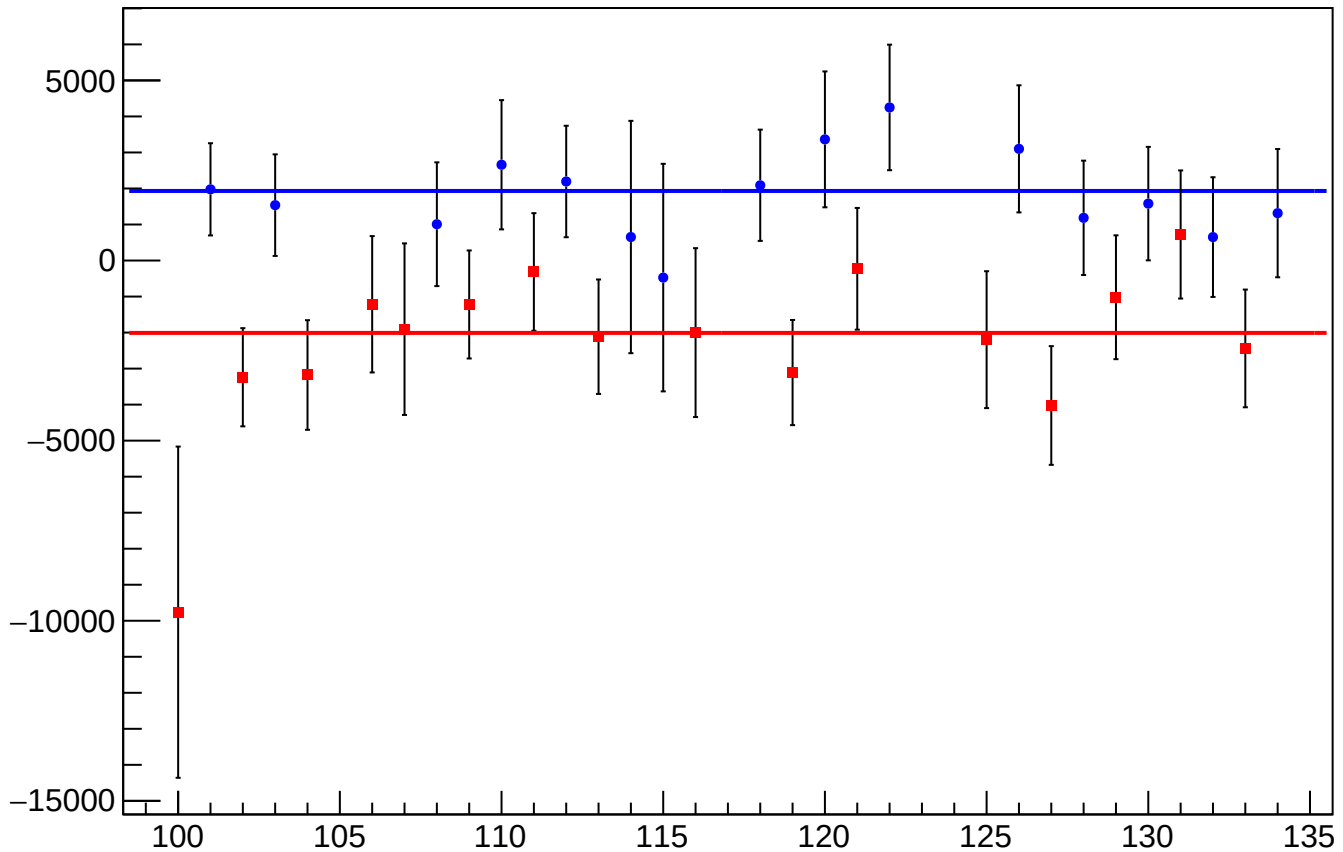
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 878.168 $\pm$ 0.180 χ^2 /NDF: 1954250.3/30

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

eigen_dit_asym_usl_mean vs Slug



Right In: 1931.478+/-438.274 χ^2/NDF : 5.1/14

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

Right Out: -2008.838+/-431.700 χ^2/NDF : 11.7/15

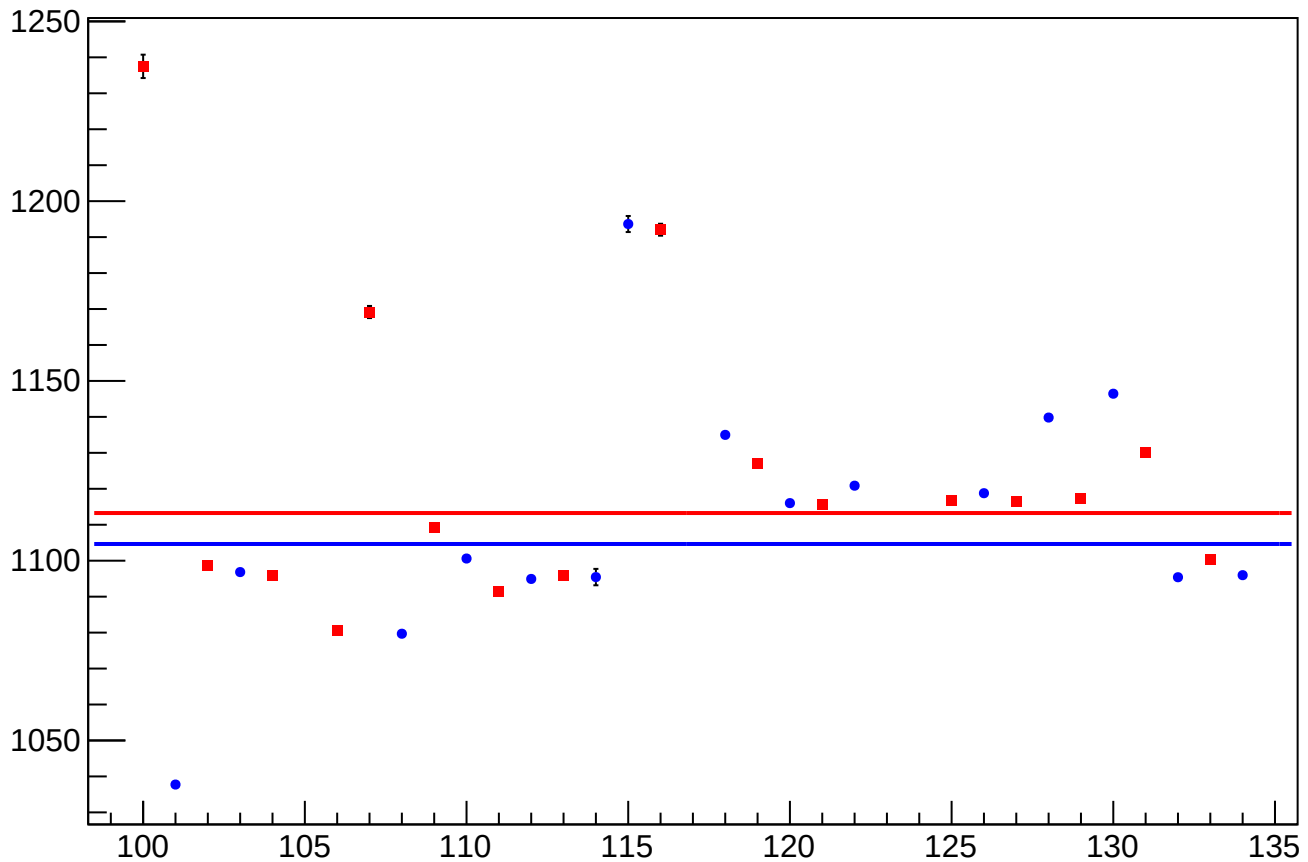
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.453+/-307.556 χ^2/NDF : 57.8/30

- sign 0.000+/-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: 1113.259+/-0.305 χ^2/NDF : 7029.0/15

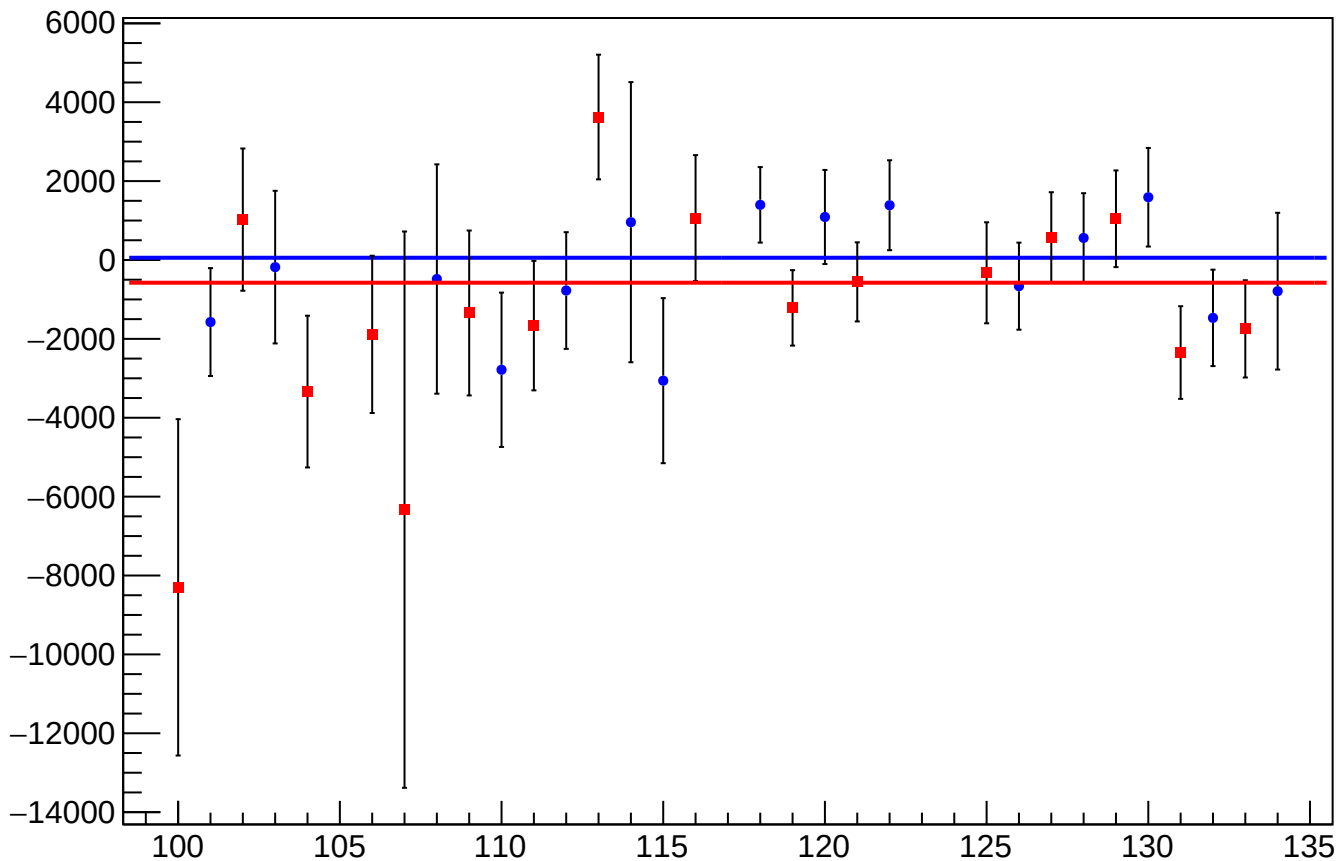
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1109.018+/-0.217 χ^2/NDF : 18709.0/30

- 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: -576.219+/-357.926 χ^2/NDF : 22.3/15

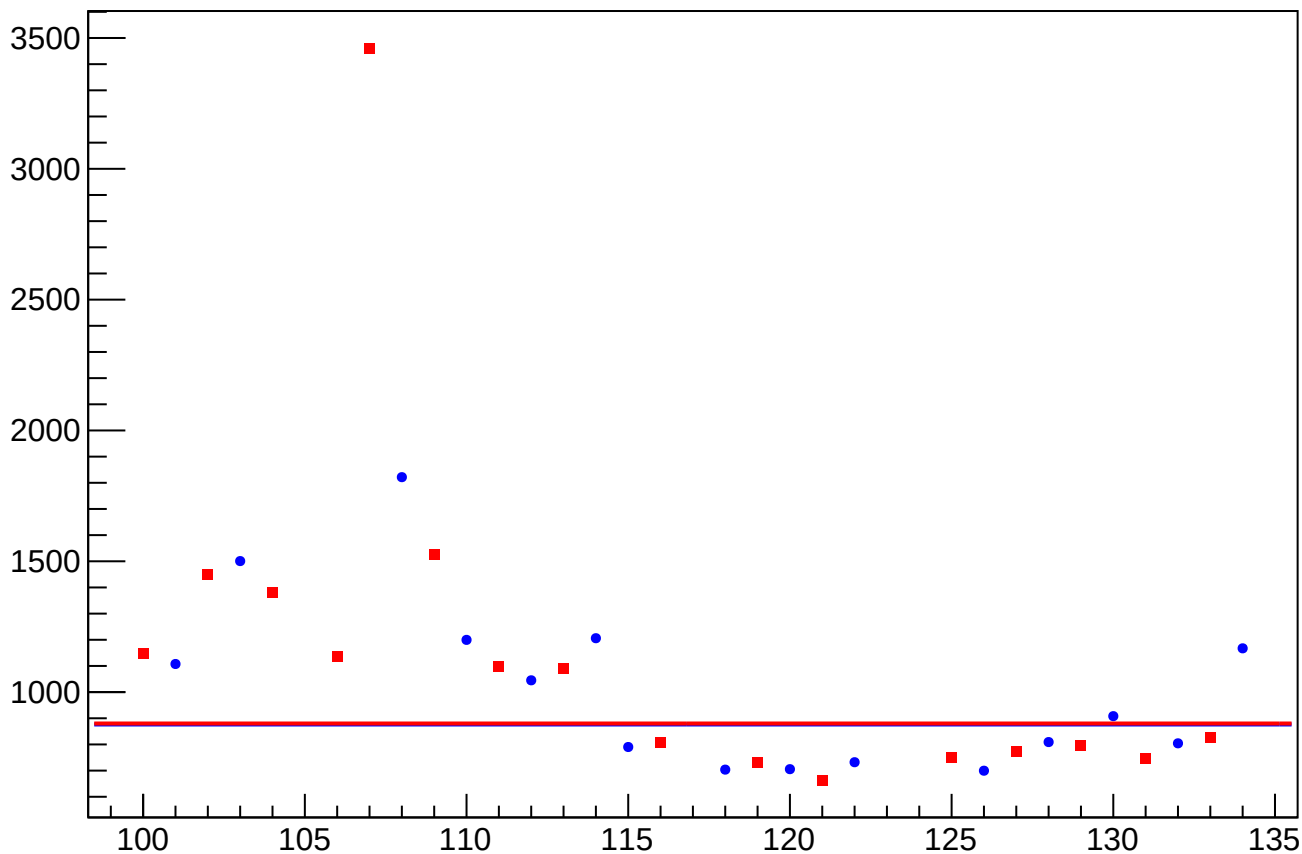
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -262.725+/-254.210 χ^2/NDF : 38.0/30

- 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: 880.029+/-0.253 χ^2/NDF : 1128671.8/15

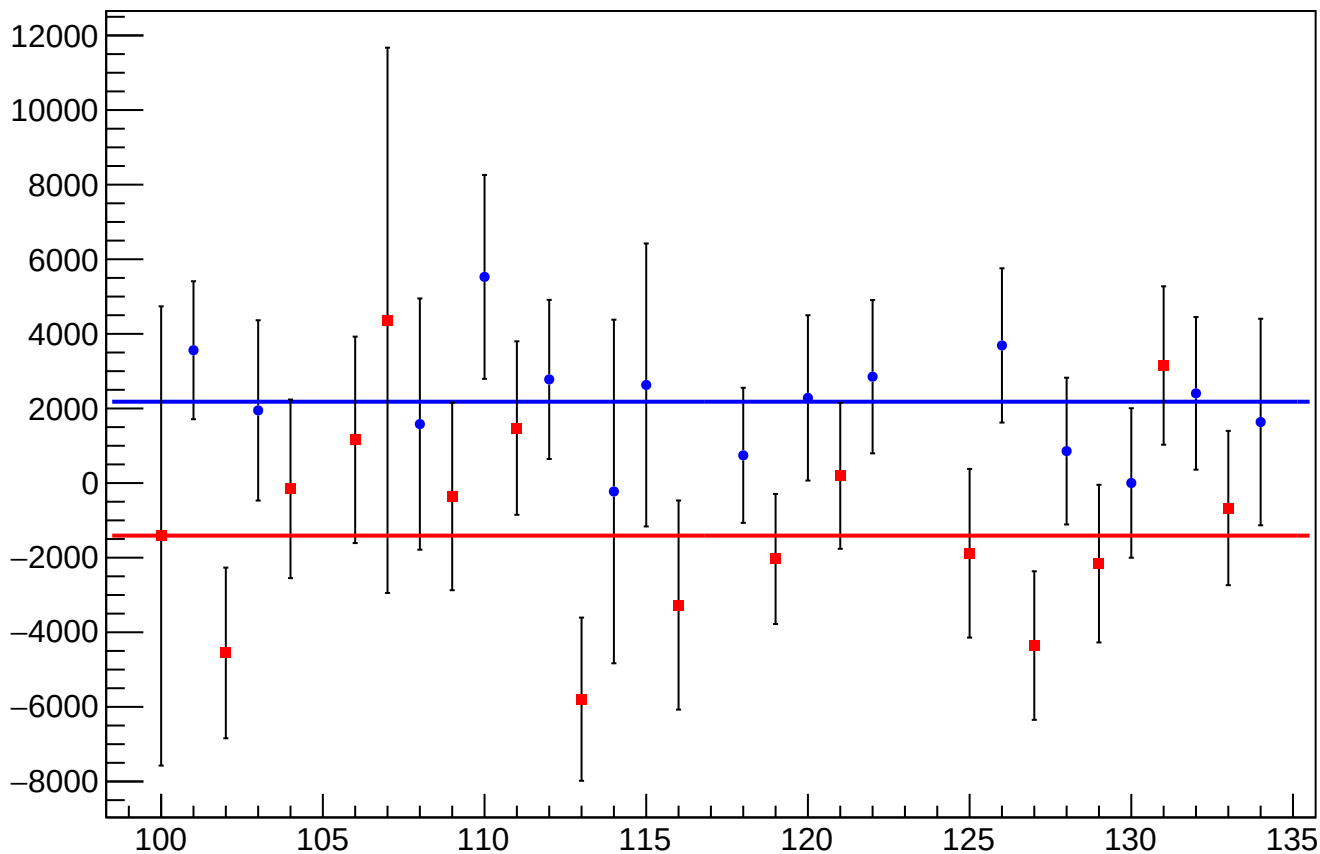
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 878.166+/-0.180 χ^2/NDF : 1954253.9/30

- 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: -1408.518 $\pm$ 583.400 χ^2 /NDF: 17.7/15

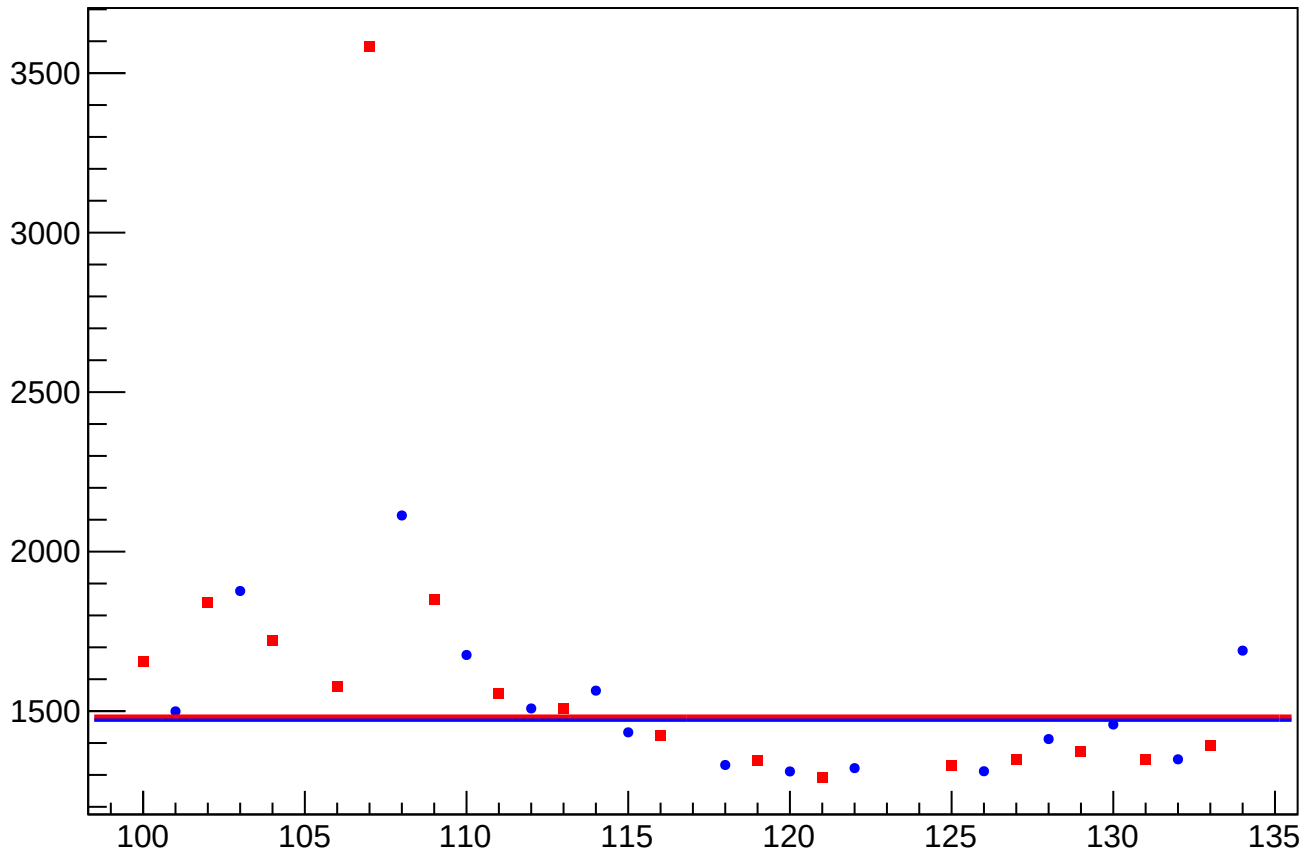
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 367.749 $\pm$ 414.644 χ^2 /NDF: 41.9/30

- 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

Right Out: 1483.253+/-0.413 χ^2/NDF : 351263.6/15

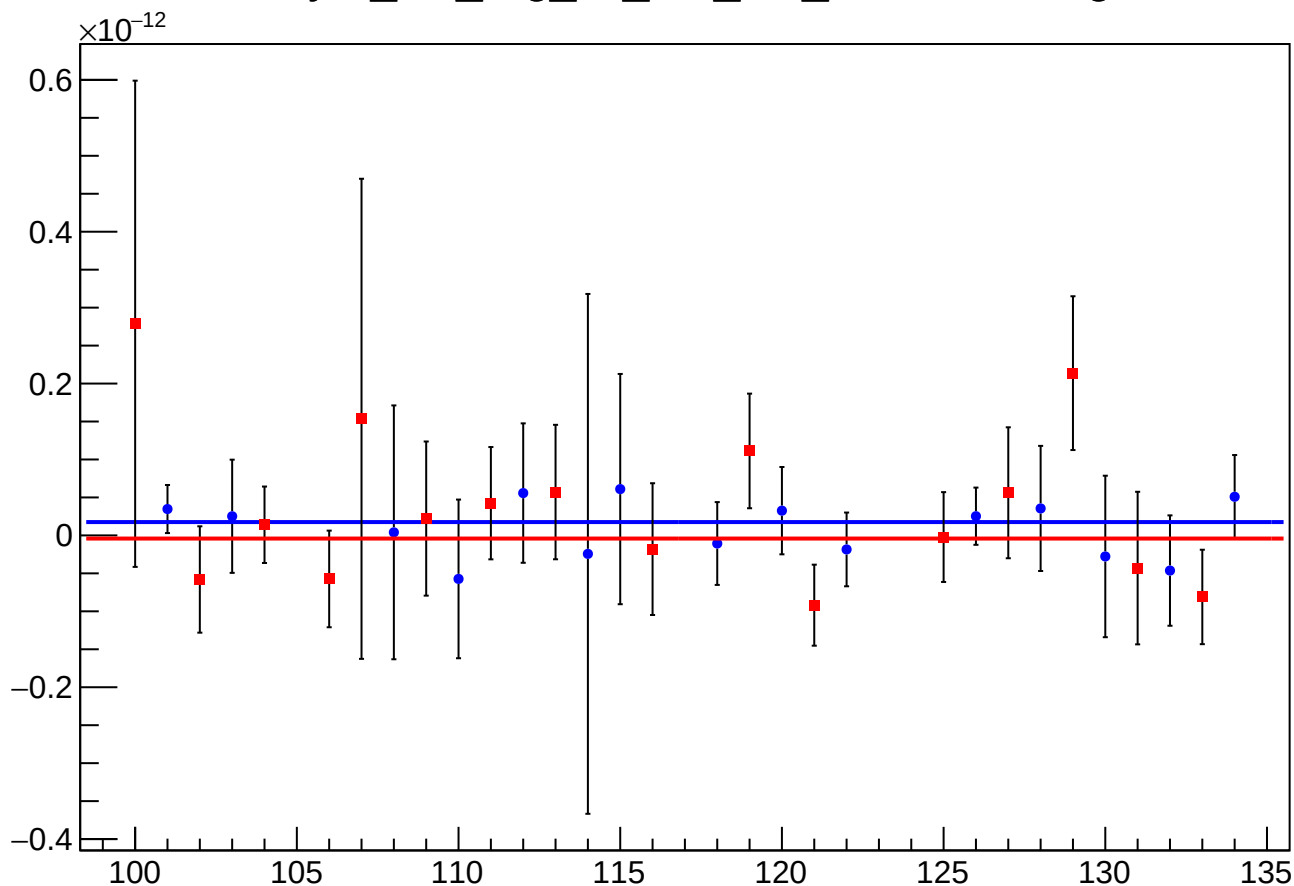
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1478.010+/-0.293 χ^2/NDF : 560322.3/30

- sign 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: 15.3/15

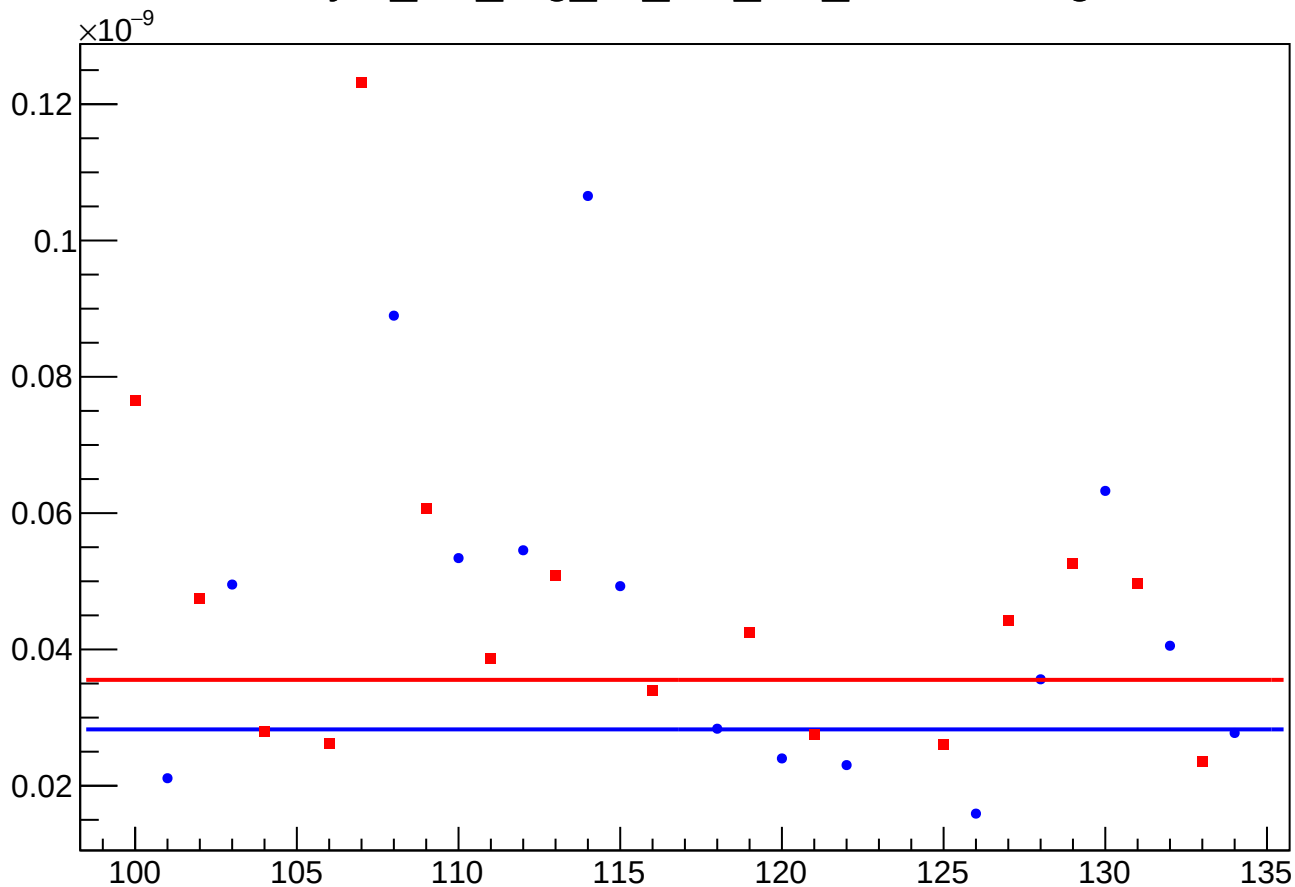
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.4/30

- 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 : 823211.6/15

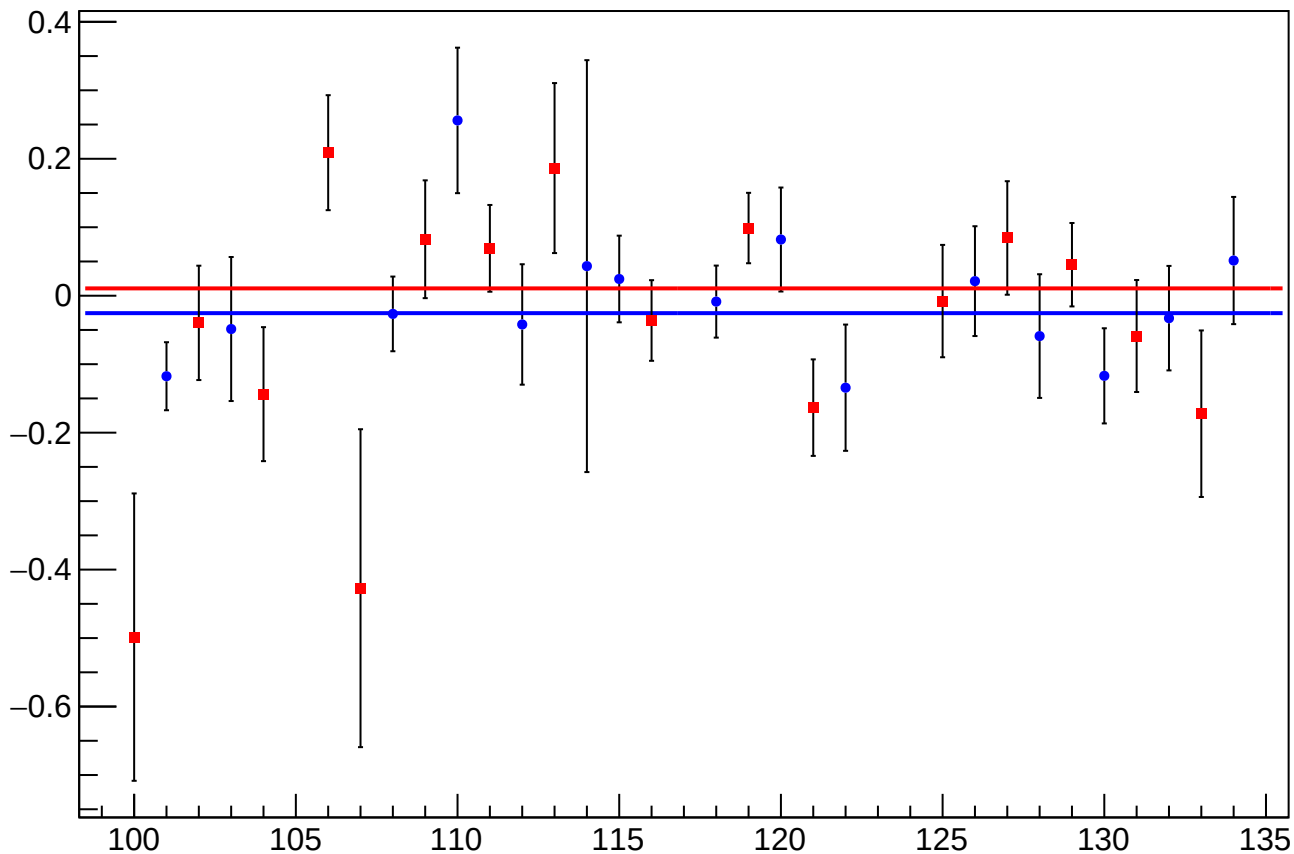
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2487375.4/30

- 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: 0.011+/-0.020 χ^2/NDF : 35.3/15

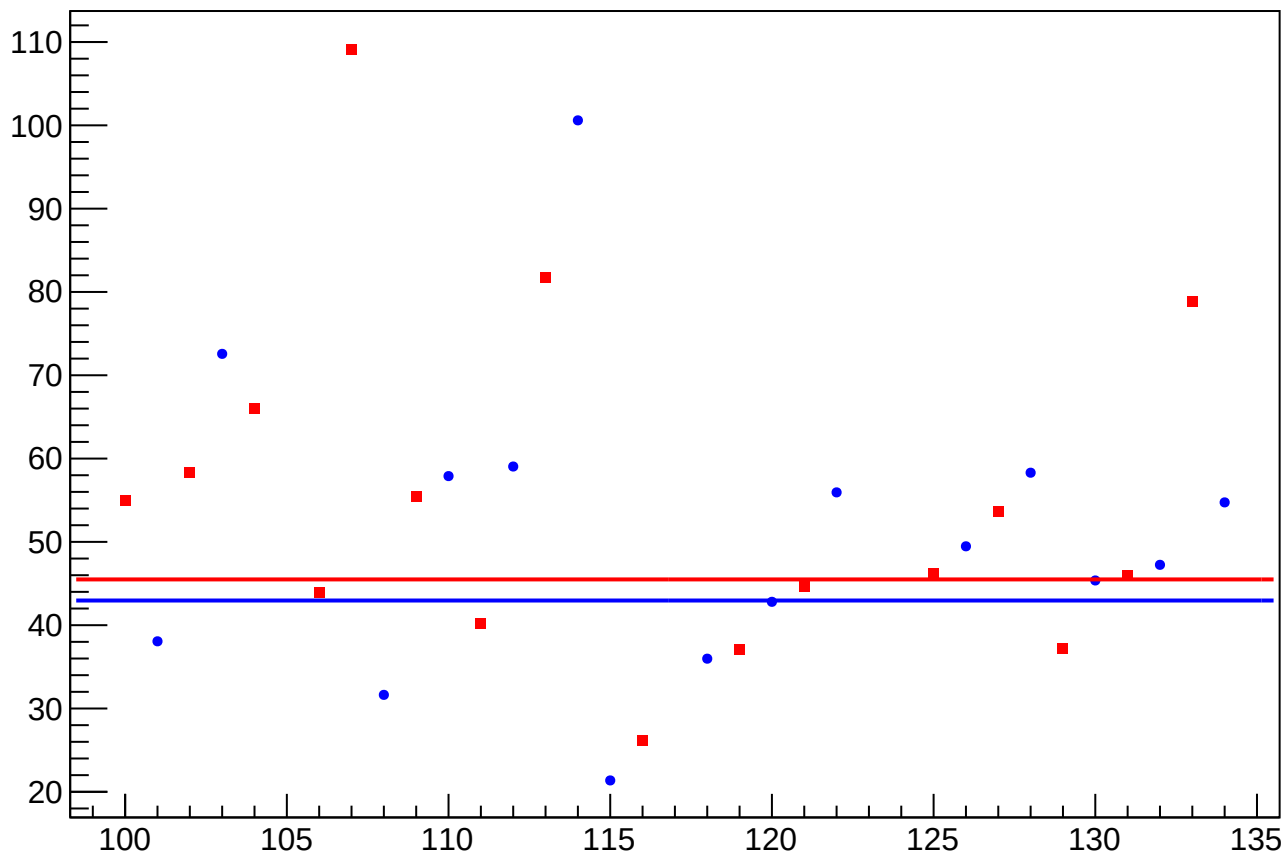
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.014 χ^2/NDF : 54.6/30

- 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: 45.494+/-0.014 χ^2/NDF : 976278.4/15

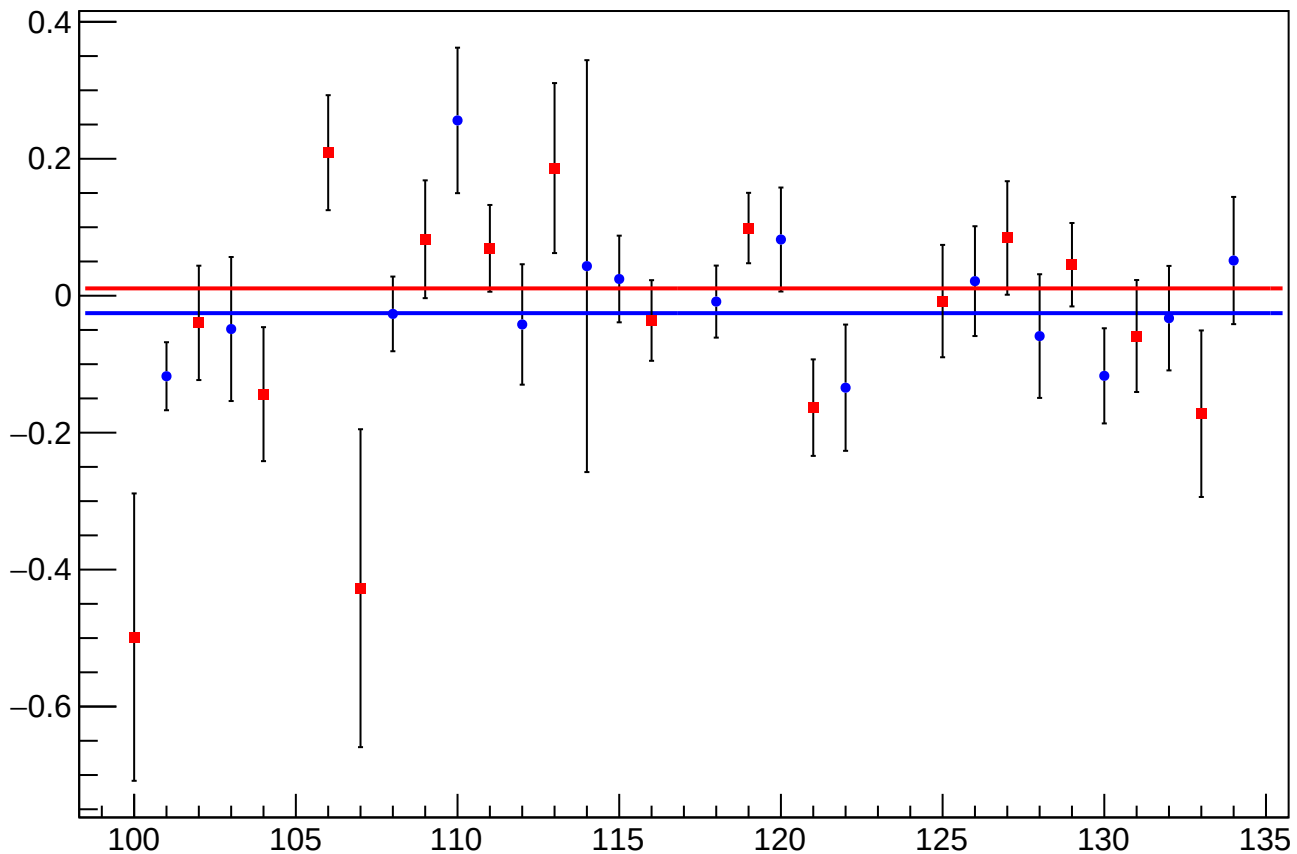
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.179+/-0.010 χ^2/NDF : 1856647.4/30

- 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: 0.011+/-0.020 χ^2/NDF : 35.3/15

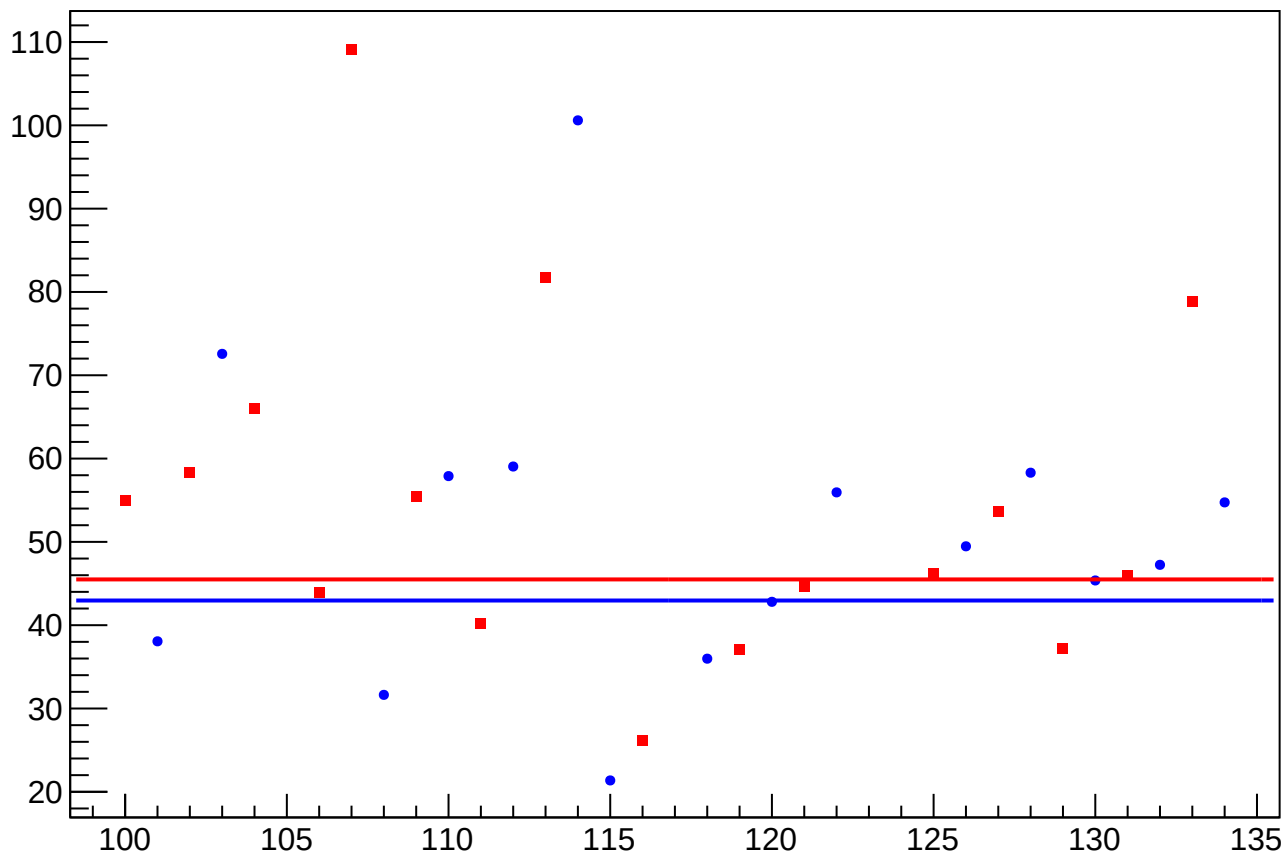
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.014 χ^2/NDF : 54.6/30

- 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: 45.494+/-0.014 χ^2/NDF : 976278.4/15

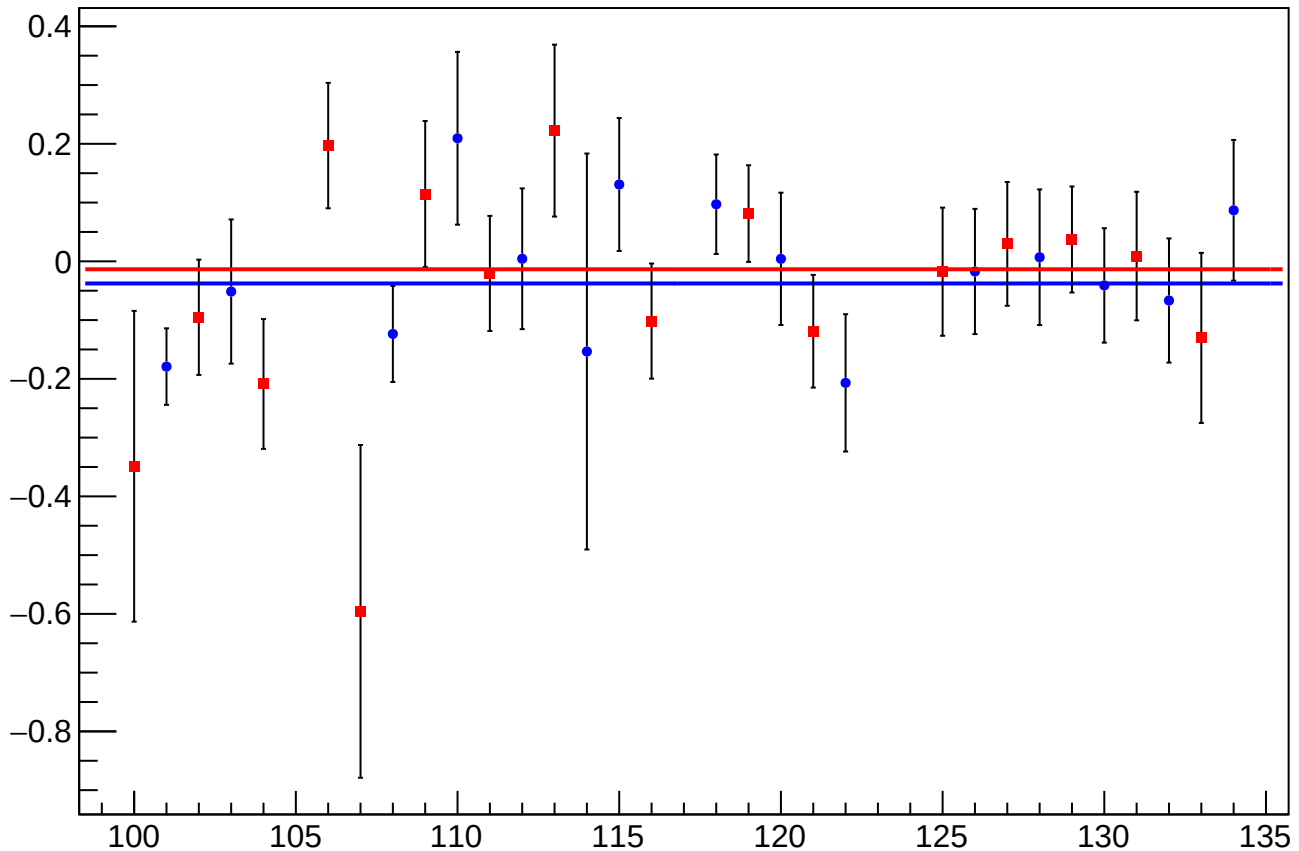
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.179+/-0.010 χ^2/NDF : 1856647.4/30

- 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 χ^2 /NDF: 17.2/14

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

Right Out: -0.014+/-0.028 χ^2 /NDF: 21.7/15

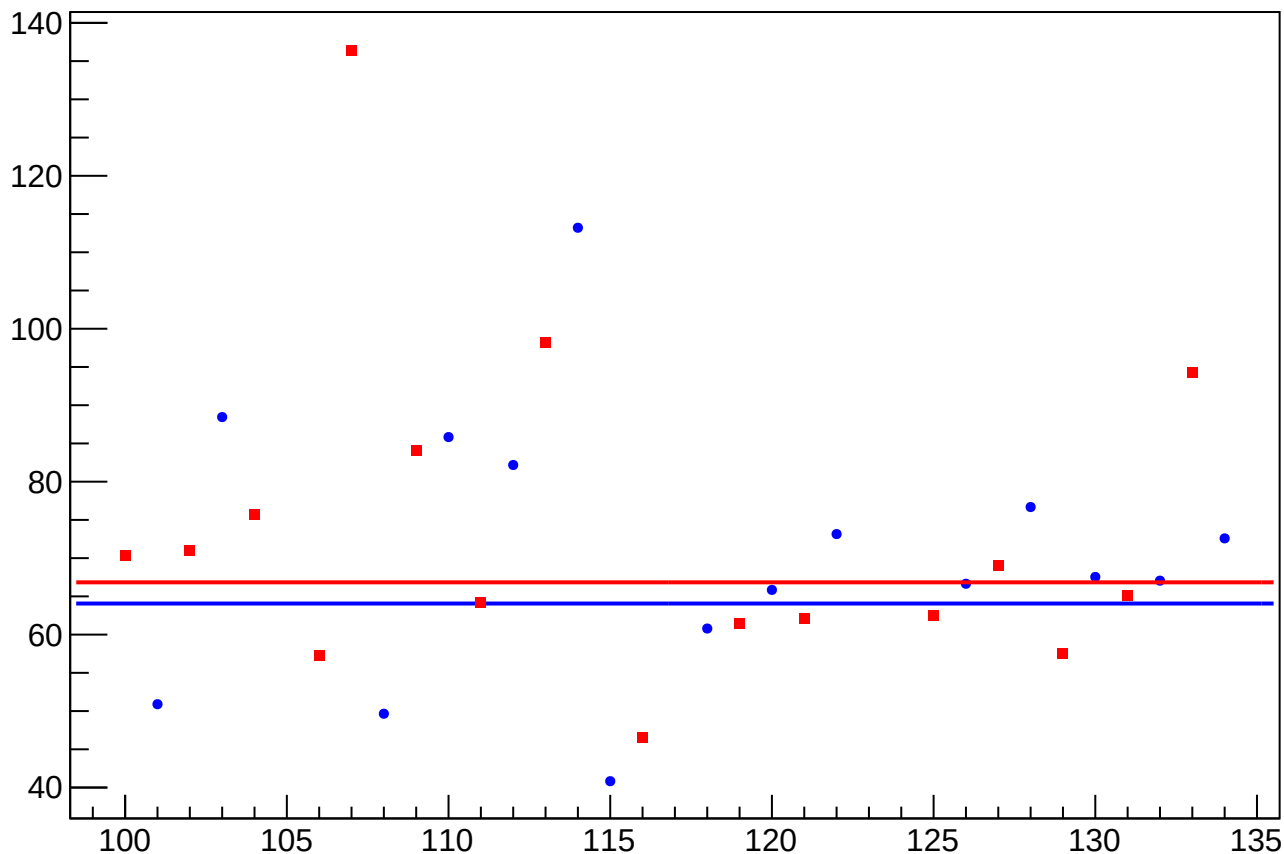
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.026+/-0.019 χ^2 /NDF: 39.4/30

- sign 0.000+/-0.000 χ^2 /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: 66.835+/-0.020 χ^2/NDF : 482743.0/15

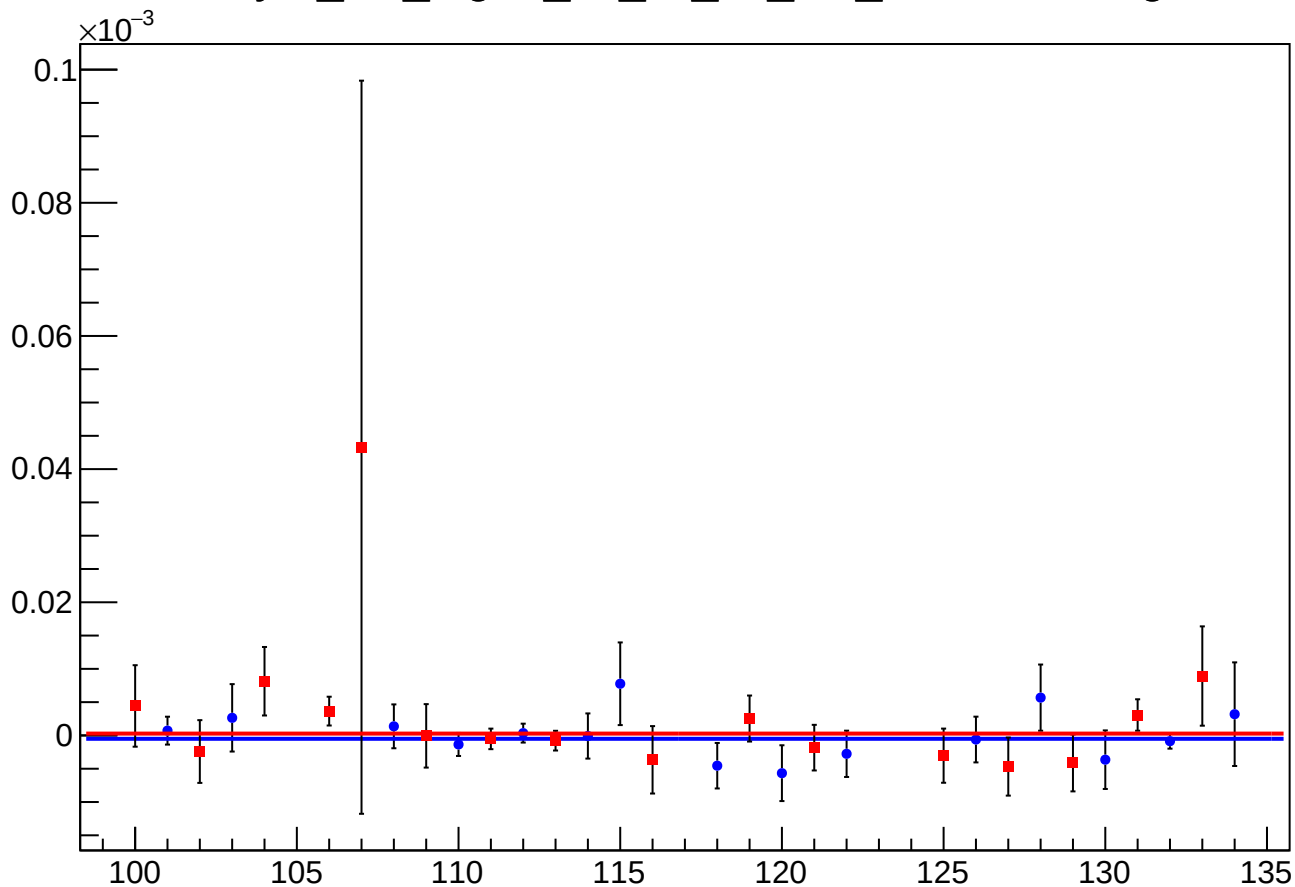
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.414+/-0.014 χ^2/NDF : 987254.4/30

- 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: 14.1/15

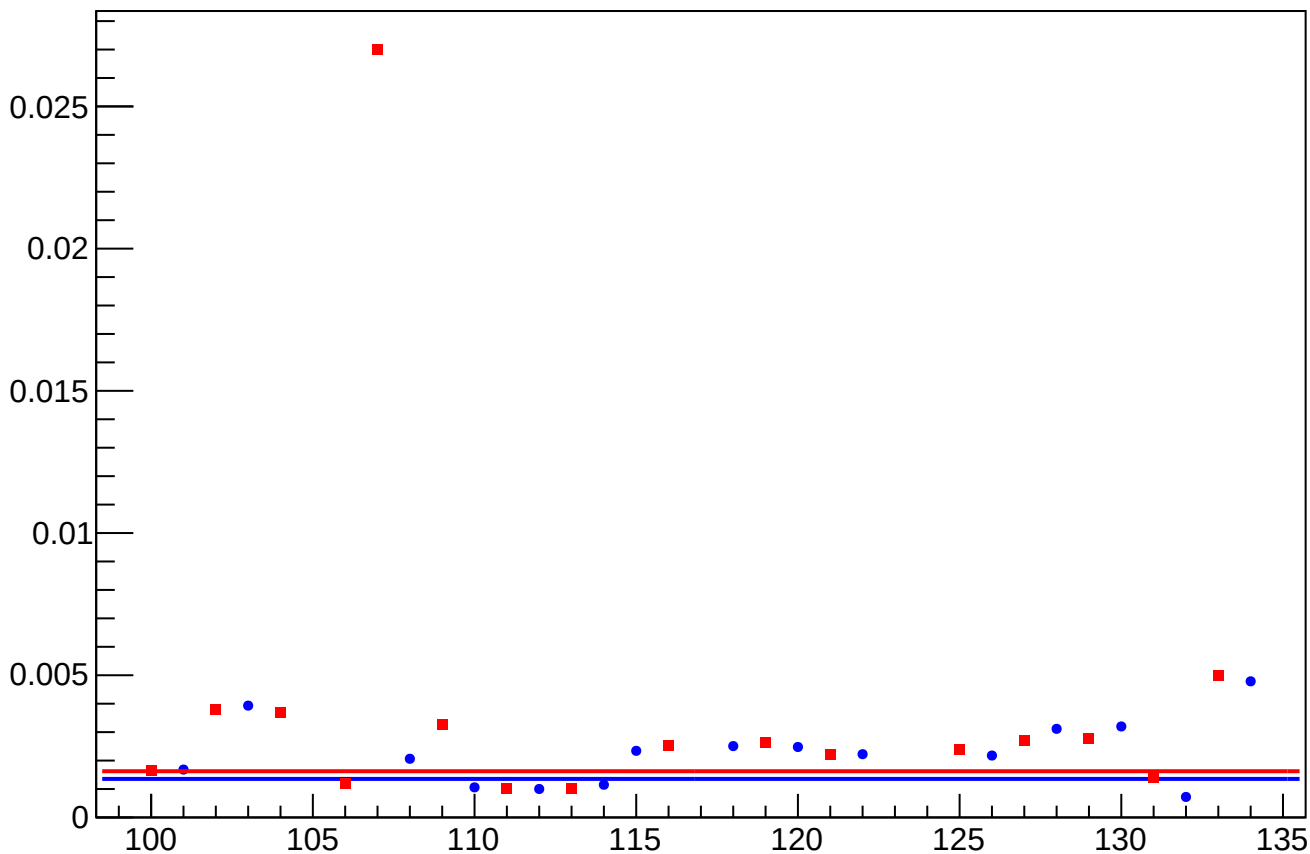
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 23.9/30

- 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 : 3180917.6/15

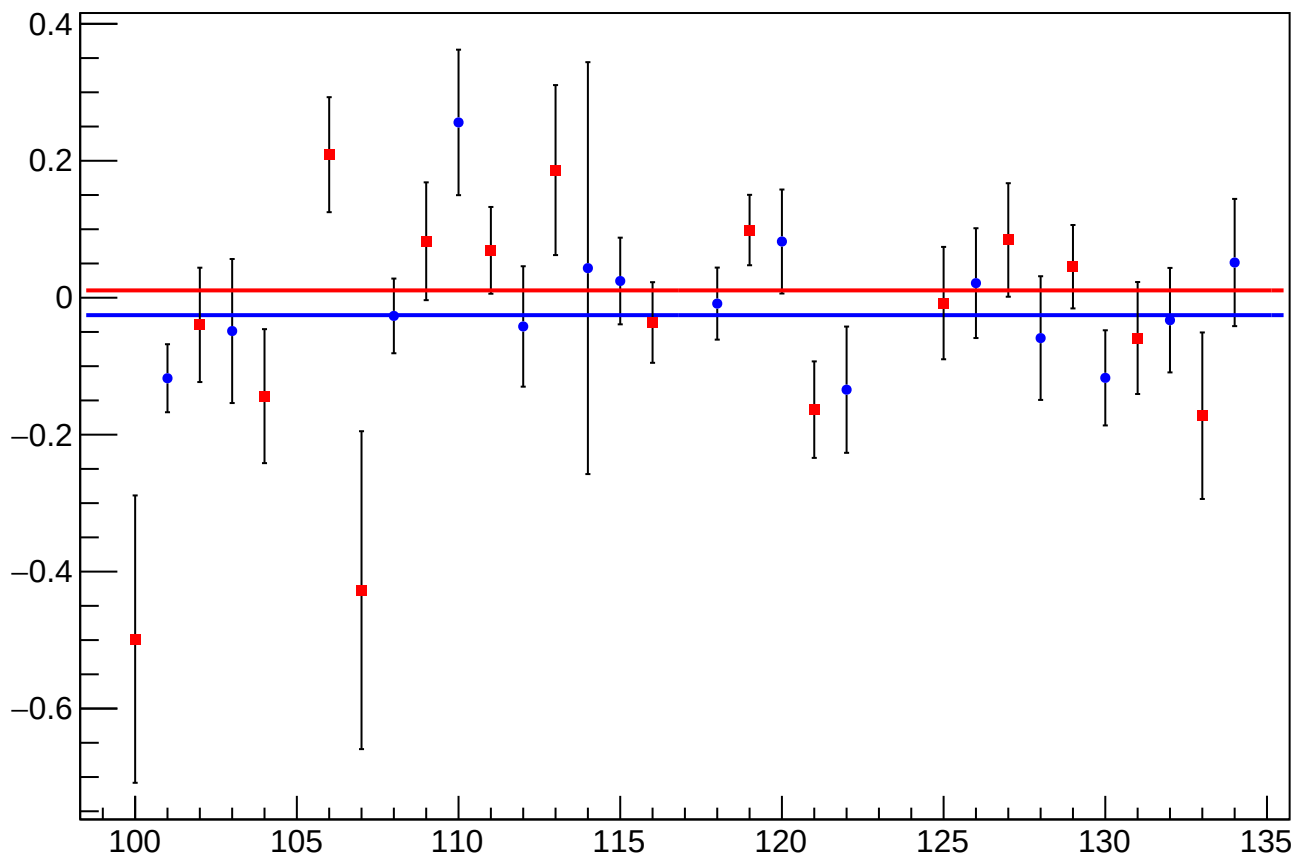
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6472909.7/30

- 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 χ^2/NDF : 17.6/14

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

Right Out: 0.011+/-0.020 χ^2/NDF : 35.3/15

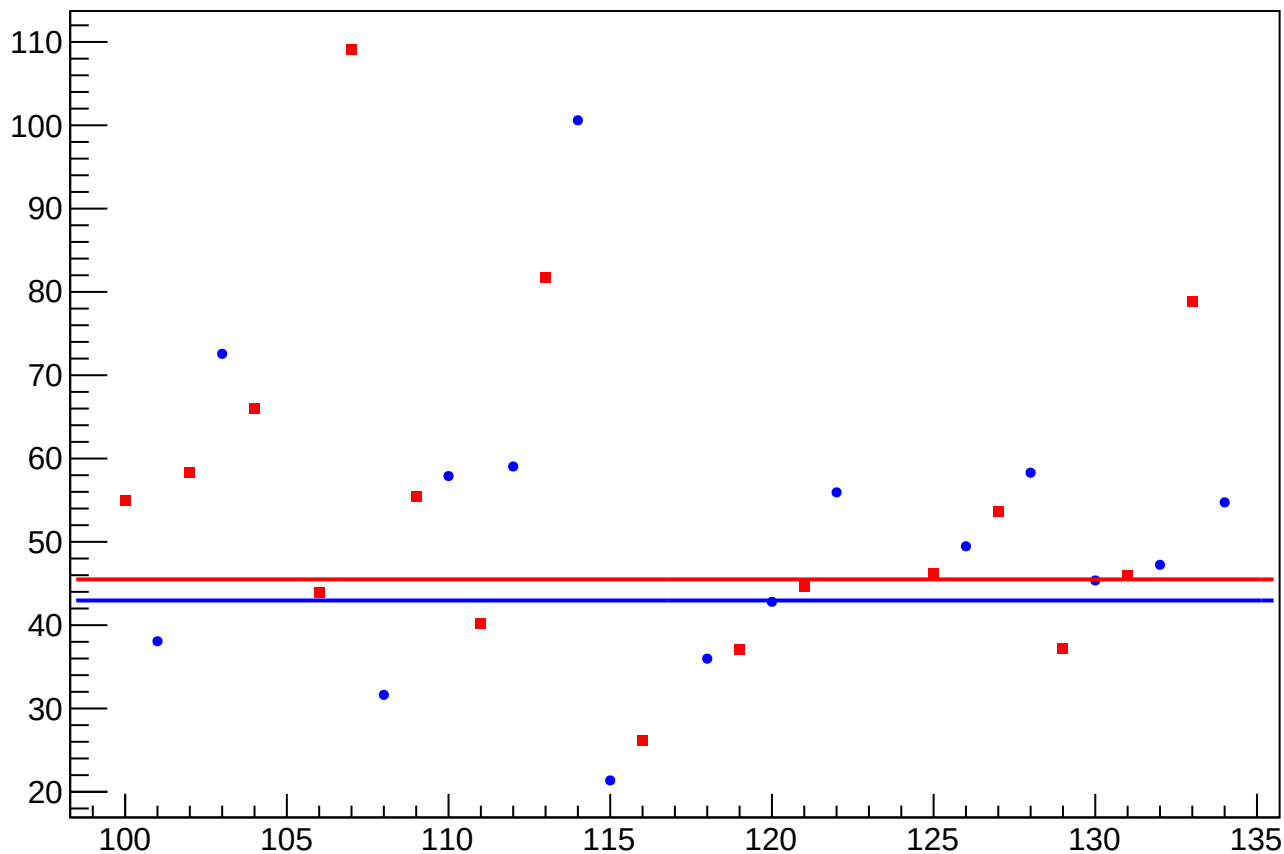
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.014 χ^2/NDF : 54.6/30

- sign 0.000+/-0.000 χ^2/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: 45.493+/-0.014 χ^2/NDF : 976305.1/15

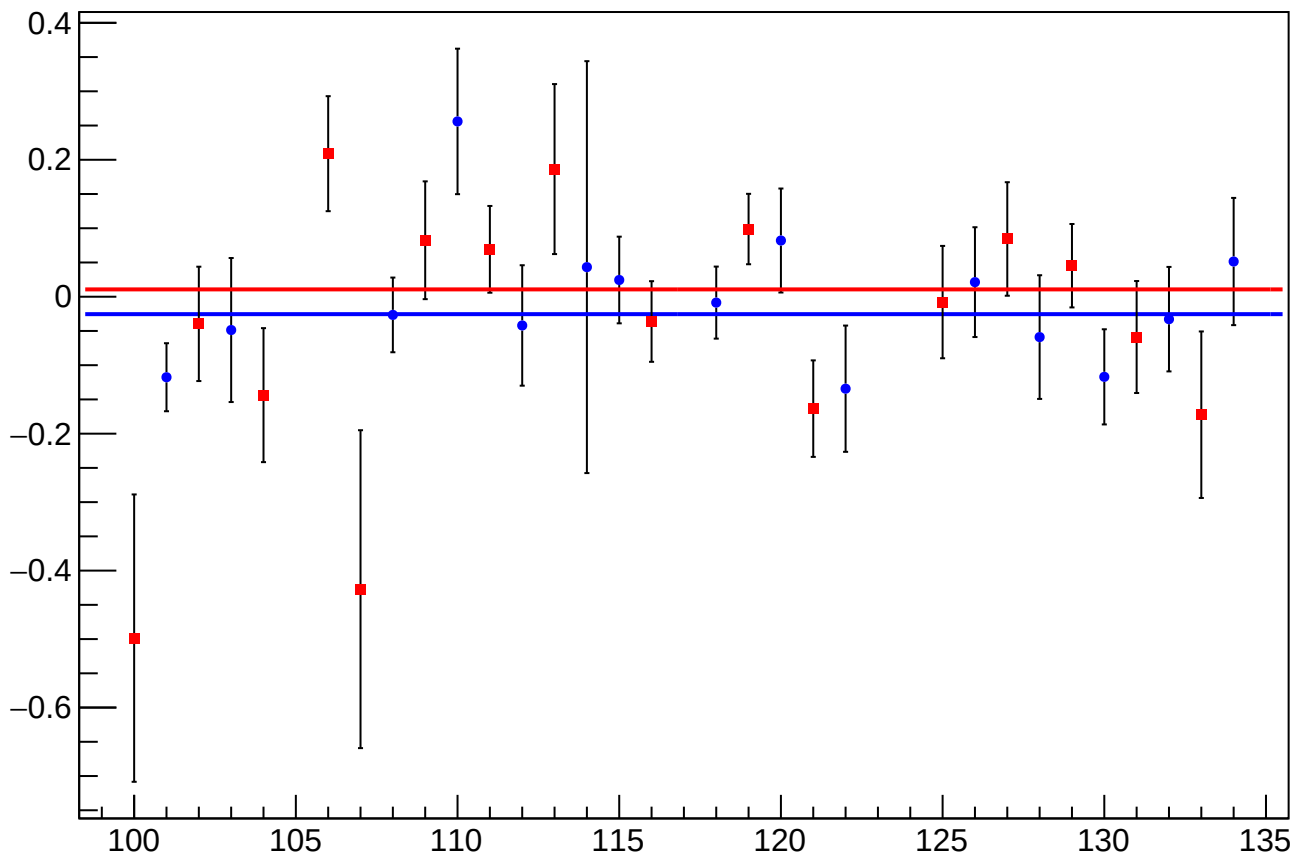
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.178+/-0.010 χ^2/NDF : 1856719.5/30

- 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+/-0.019 χ^2/NDF : 17.6/14

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

Right Out: 0.011+/-0.020 χ^2/NDF : 35.3/15

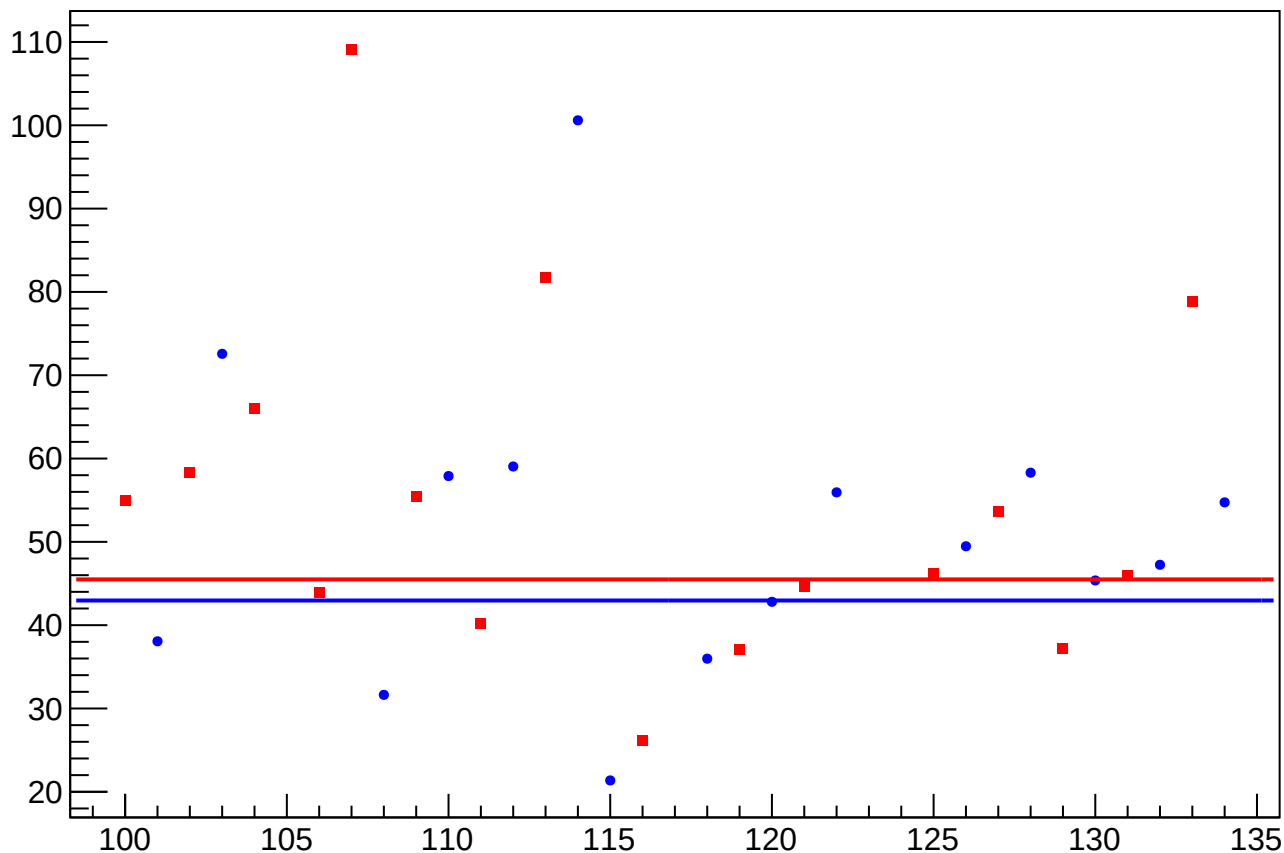
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.014 χ^2/NDF : 54.6/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_vs_eigen_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: 45.493+/-0.014 χ^2/NDF : 976305.1/15

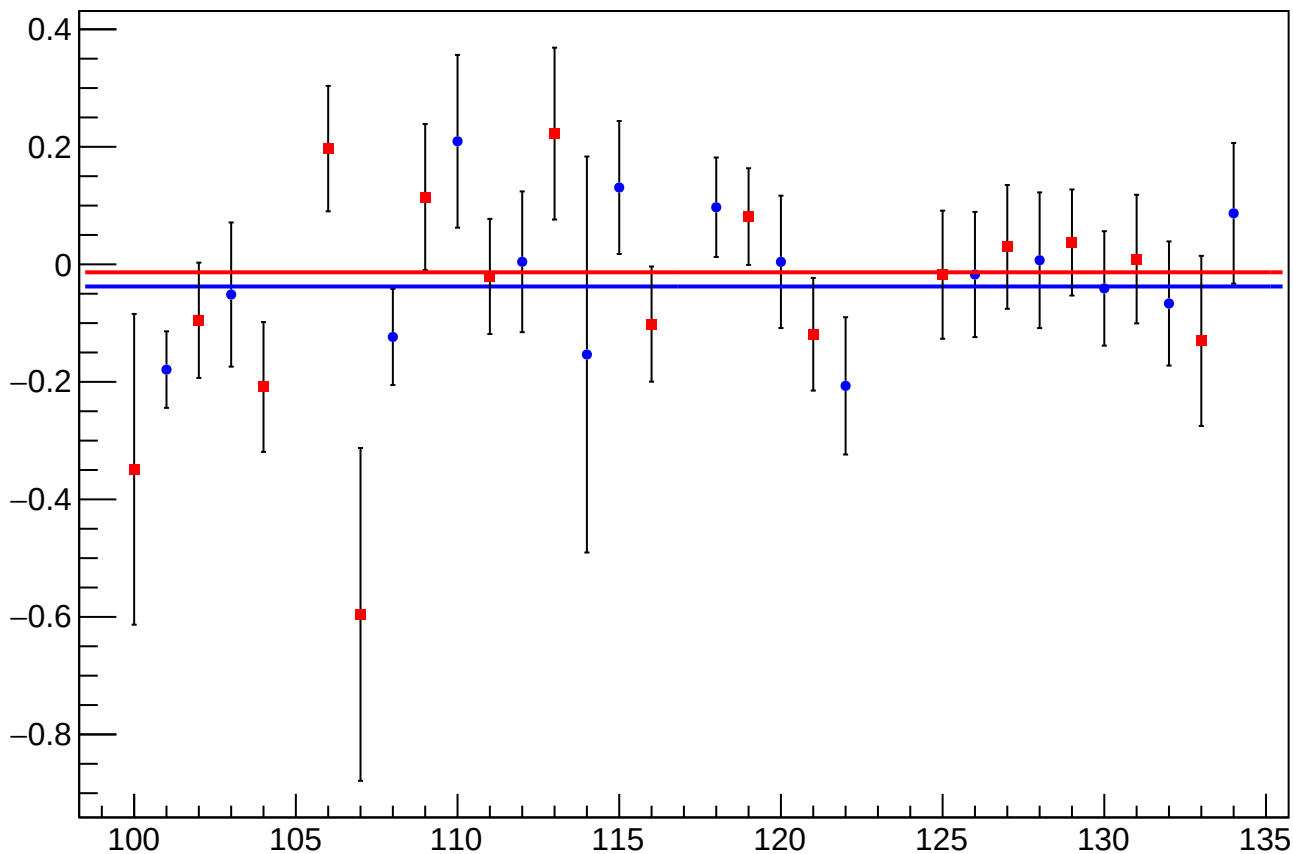
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.178+/-0.010 χ^2/NDF : 1856719.5/30

- sign 0.000+/-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: -0.014 ± 0.028 χ^2/NDF : 21.7/15

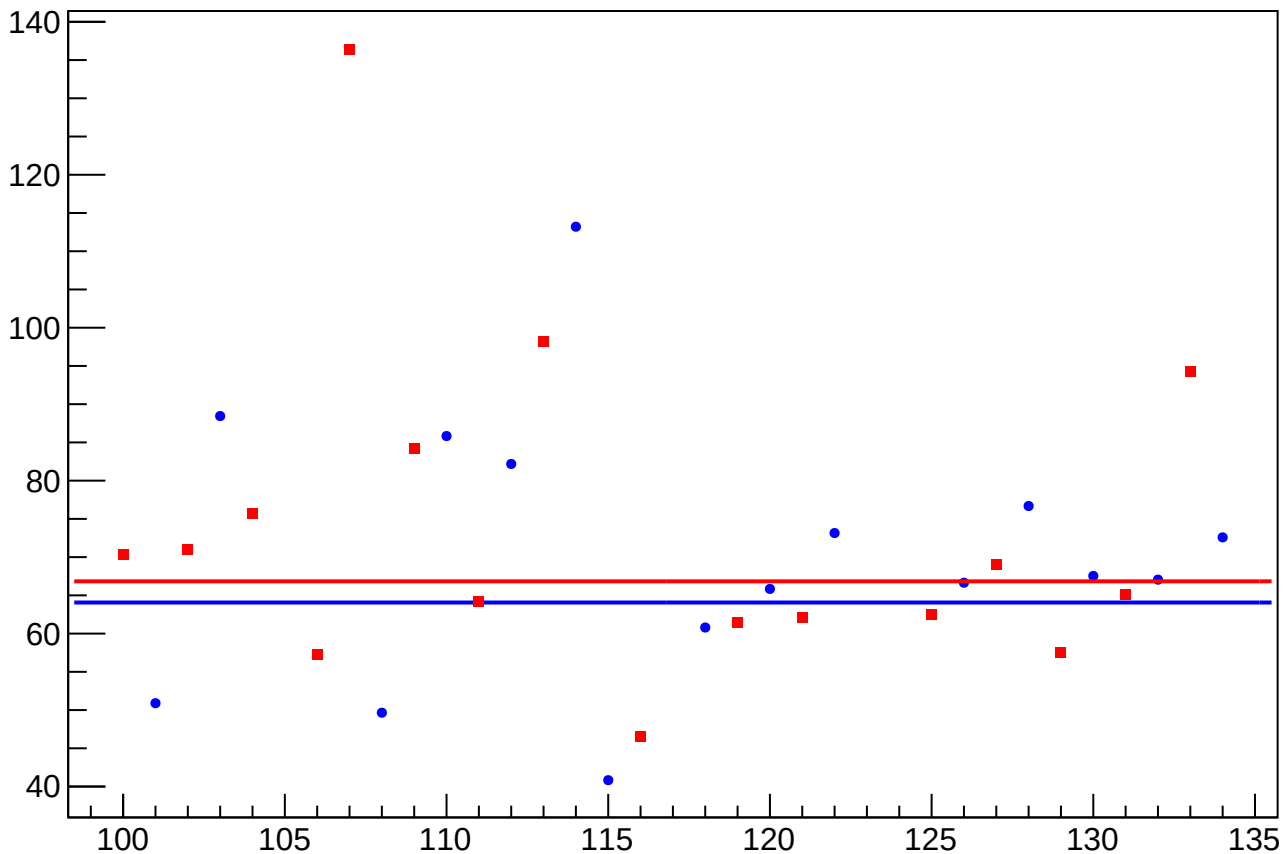
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.026 ± 0.019 χ^2/NDF : 39.4/30

- 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: 66.834+/-0.020 χ^2/NDF : 482732.8/15

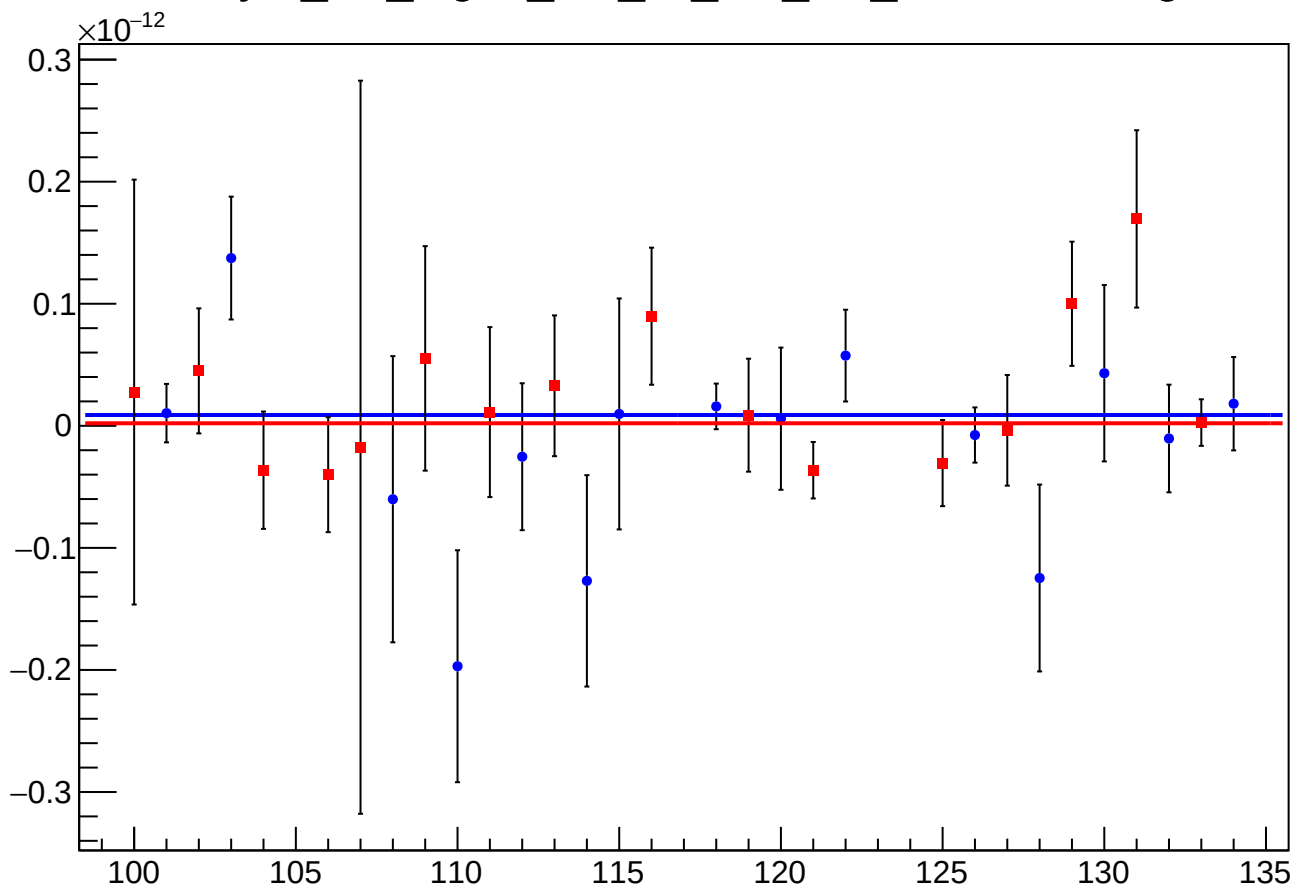
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.414+/-0.014 χ^2/NDF : 987244.0/30

- 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: 17.9/15

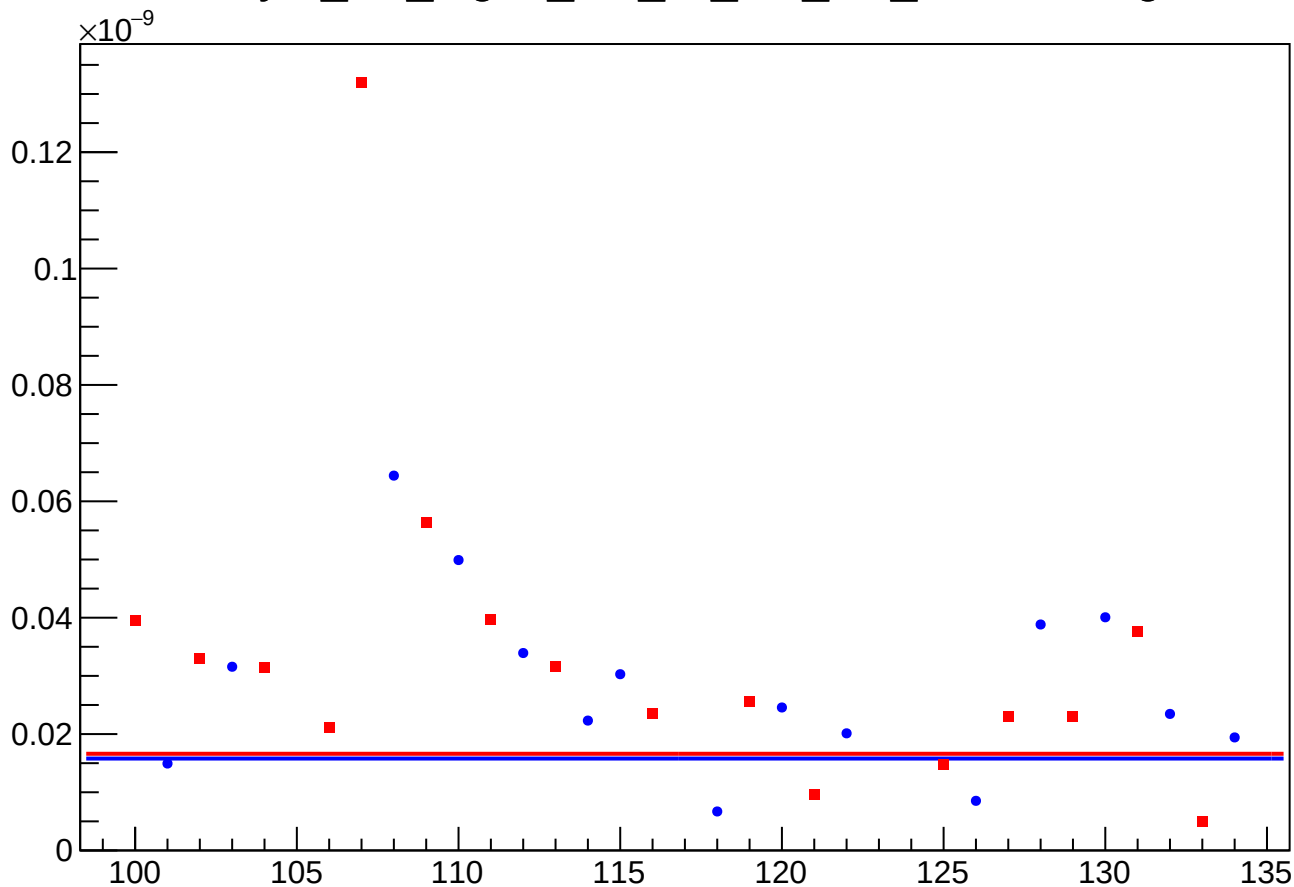
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 38.4/30

- 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 $\pm$ 0.000 χ^2/NDF : 2277941.2/14

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

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 2746676.5/15

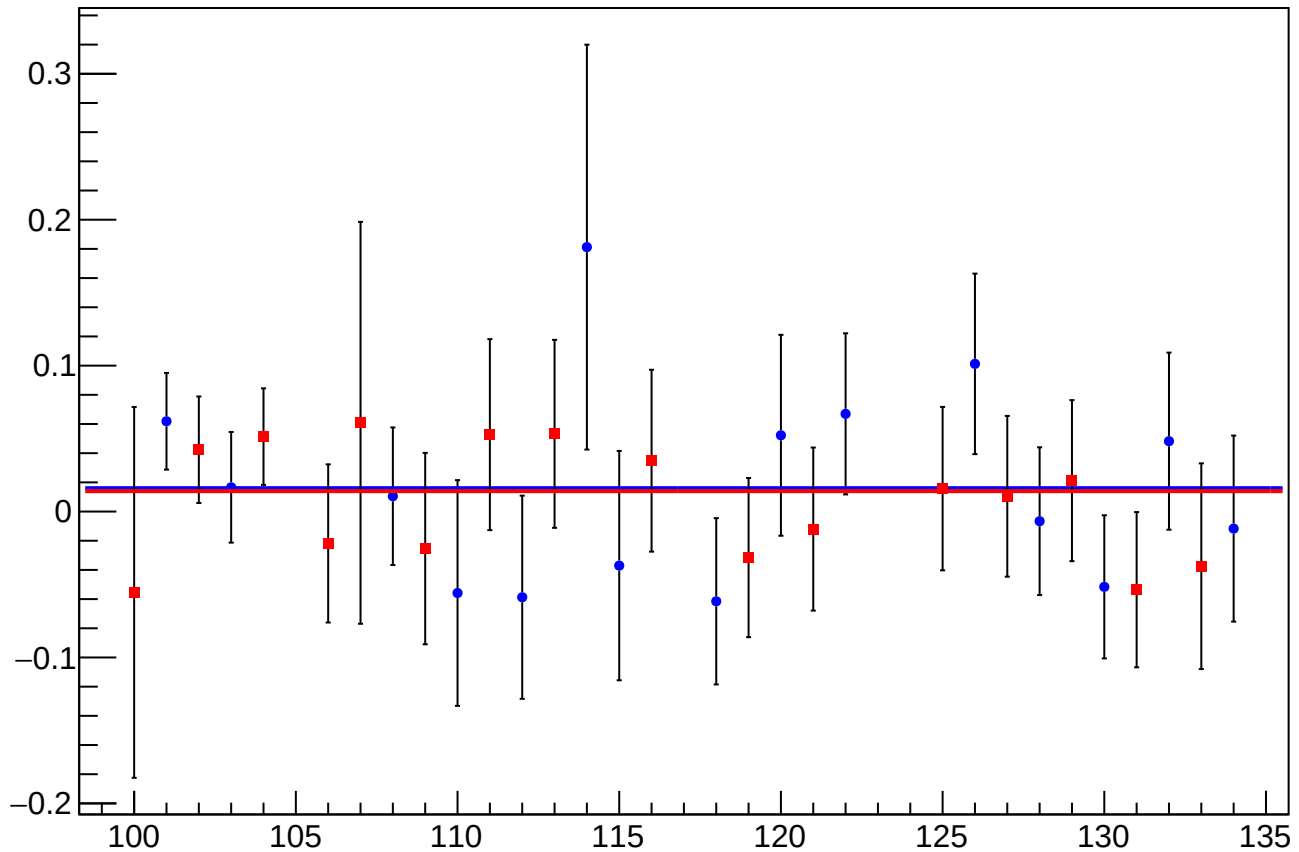
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2/NDF : 5031144.6/30

- sign 0.000 $\pm$ 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: 0.014 $\pm$ 0.014 χ^2 /NDF: 7.0/15

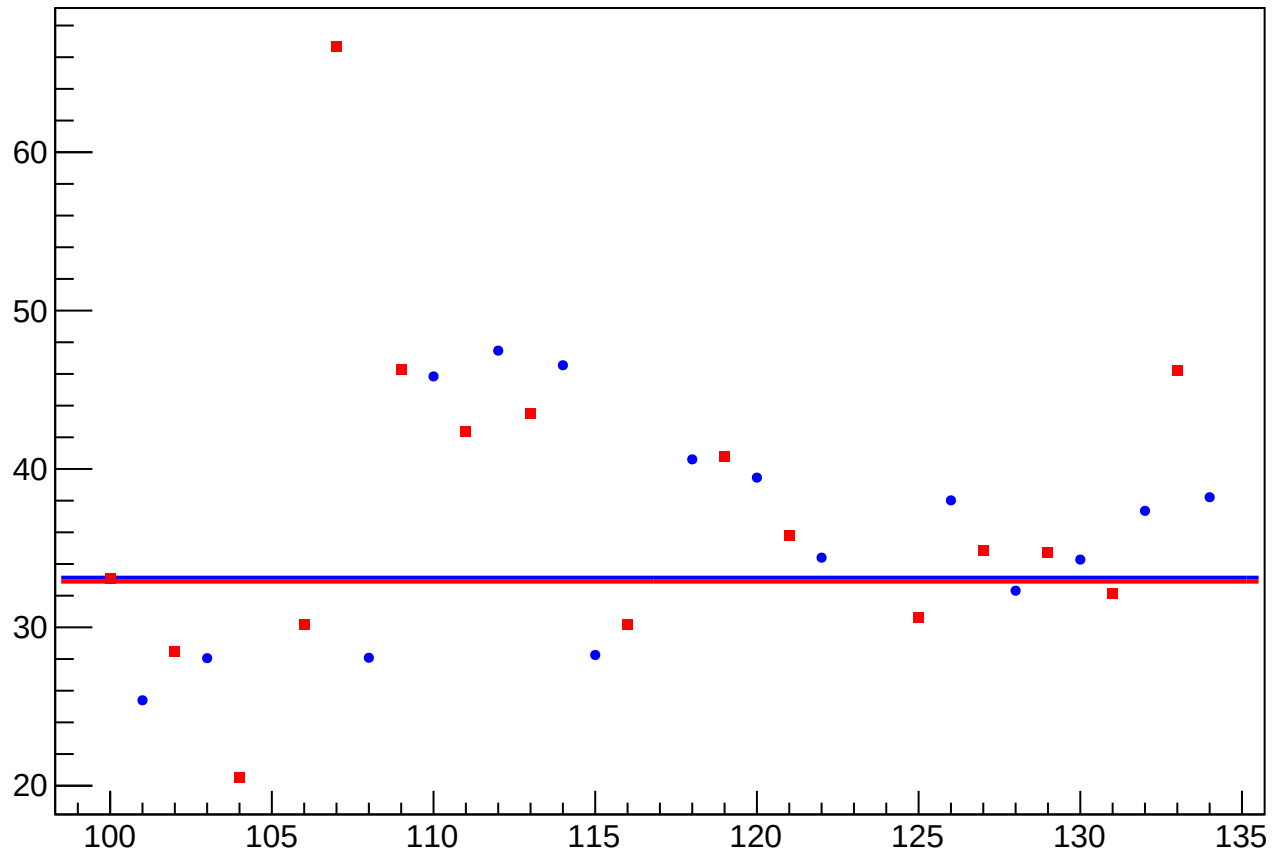
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.015 $\pm$ 0.010 χ^2 /NDF: 20.3/30

- 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 $\pm$ 0.010 χ^2 /NDF: 422053.3/14

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

Right Out: 32.885 $\pm$ 0.010 χ^2 /NDF: 745217.3/15

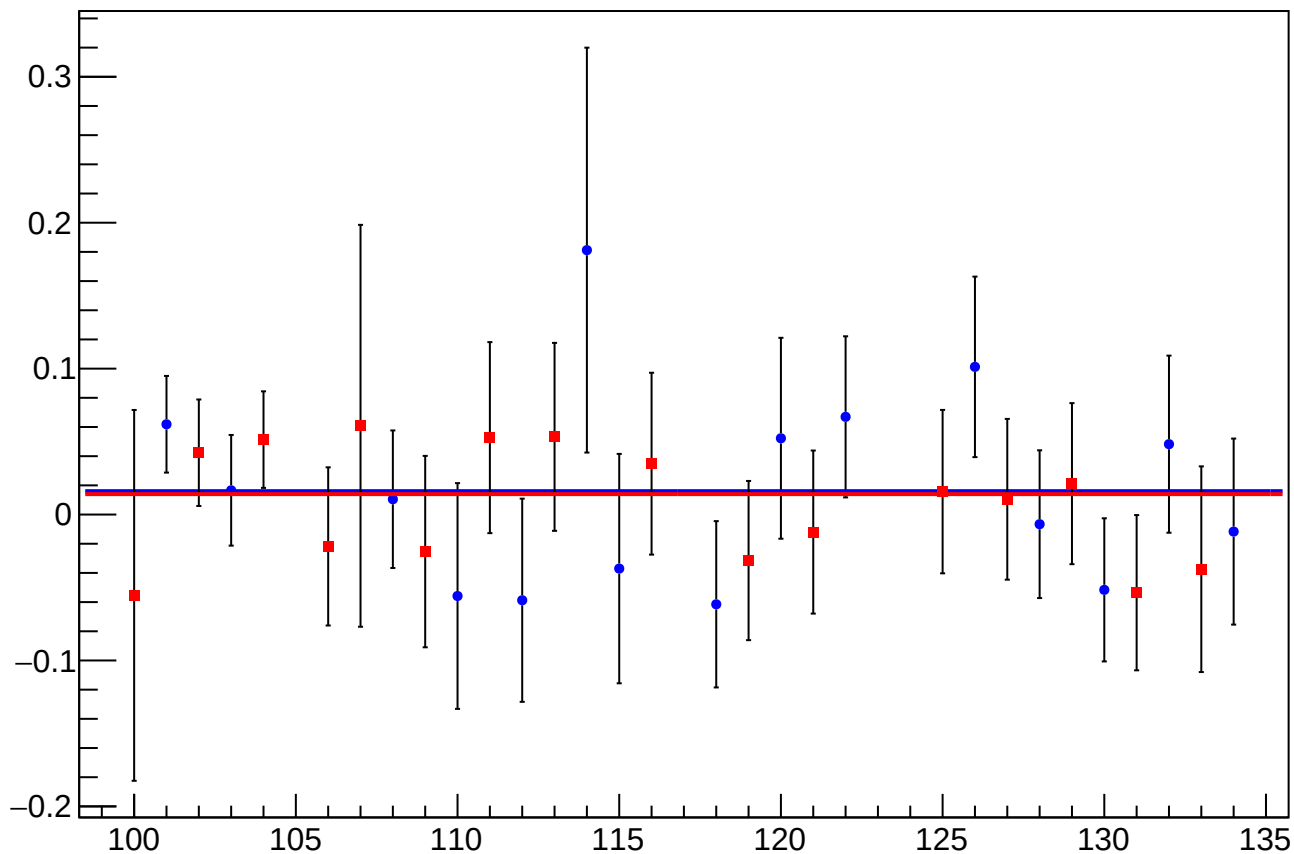
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 33.008 $\pm$ 0.007 χ^2 /NDF: 1167596.1/30

- sign 0.000 $\pm$ 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: 0.014 $\pm$ 0.014 χ^2 /NDF: 7.0/15

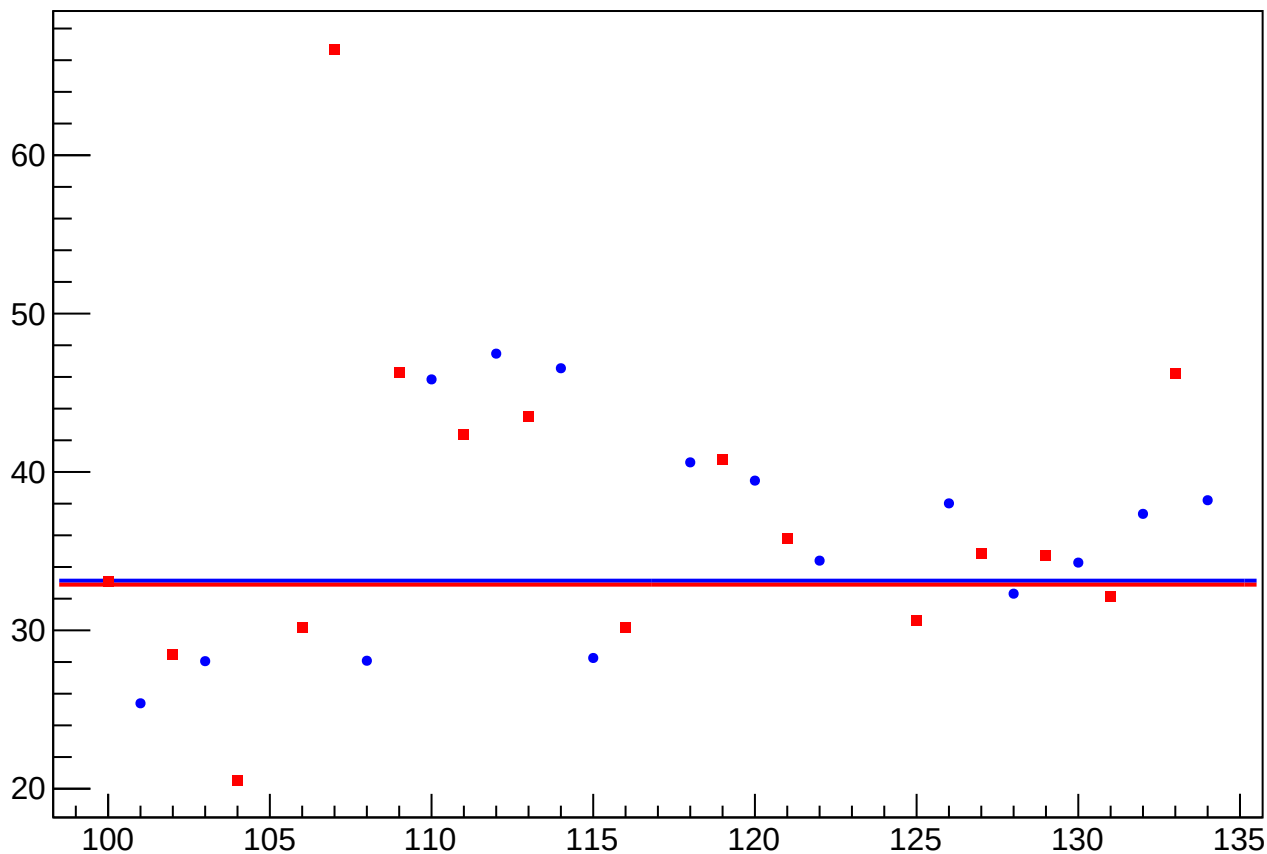
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.015 $\pm$ 0.010 χ^2 /NDF: 20.3/30

- 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: 32.885+/-0.010 χ^2 /NDF: 745217.3/15

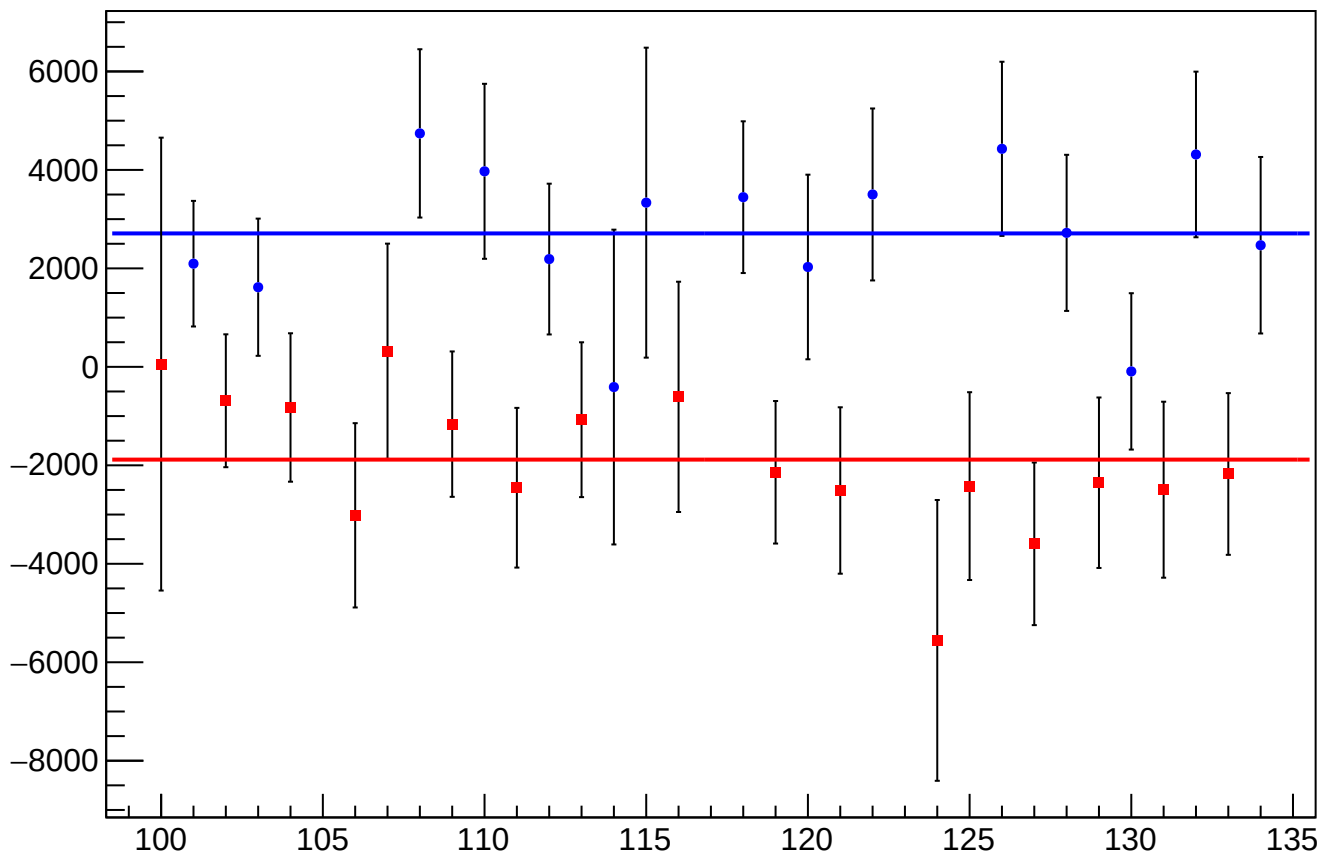
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 33.008+/-0.007 χ^2 /NDF: 1167596.1/30

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_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: -1883.984+/-423.839 χ^2/NDF : 7.0/16

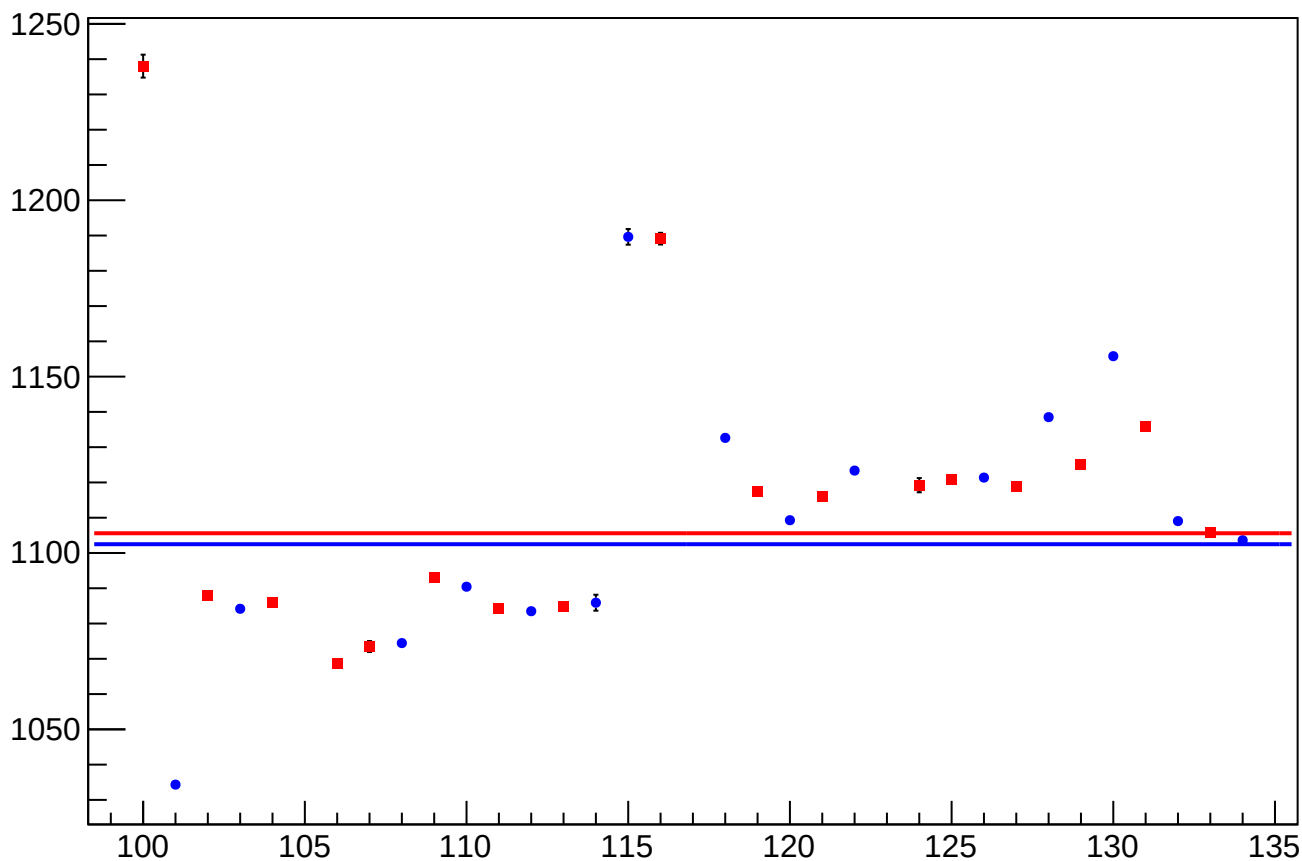
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 340.570+/-304.394 χ^2/NDF : 73.3/31

- sign 0.000+/-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: 1105.596+/-0.300 χ^2/NDF : 8280.5/16

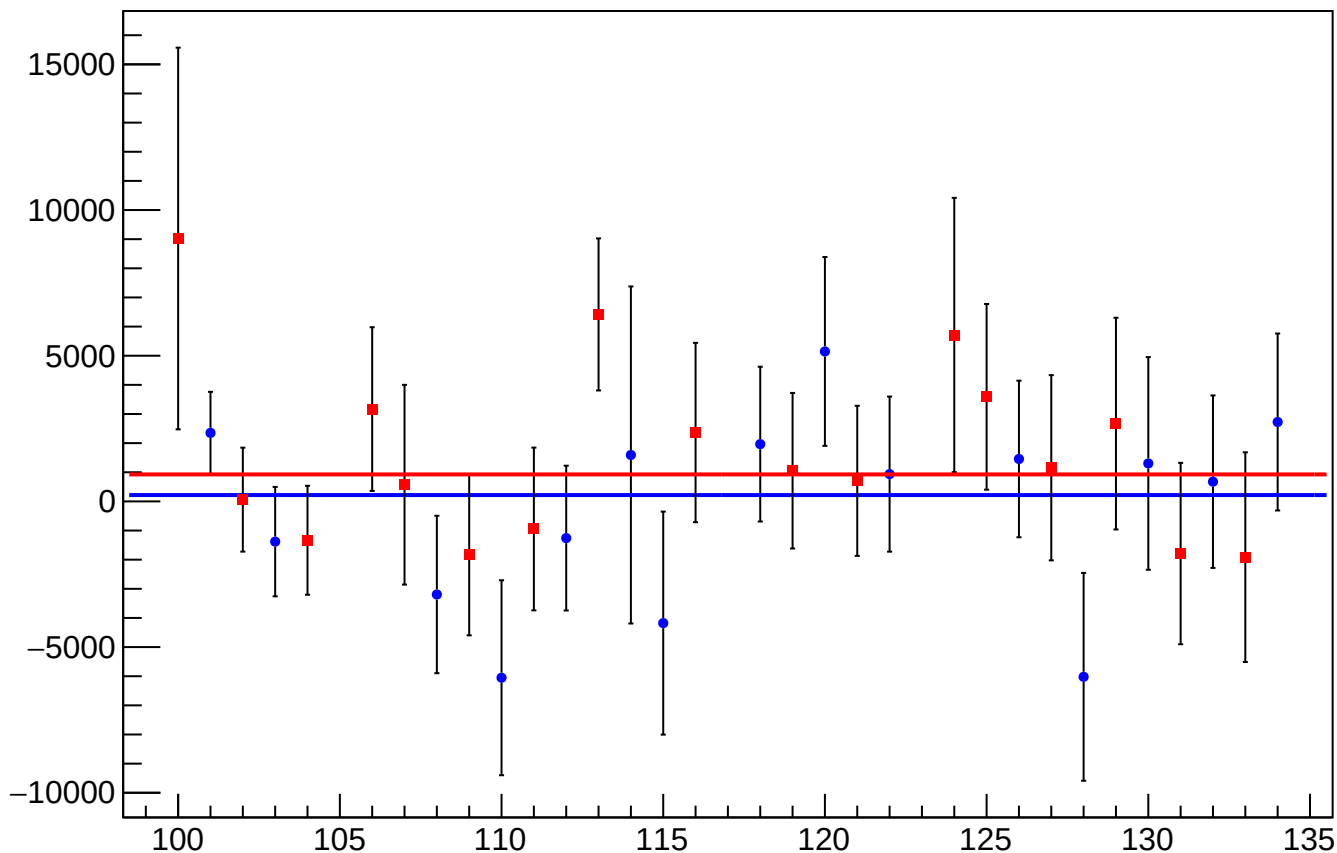
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1104.091+/-0.215 χ^2/NDF : 21535.0/31

- 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: 926.327 $\pm$ 684.156 χ^2 /NDF: 13.3/16

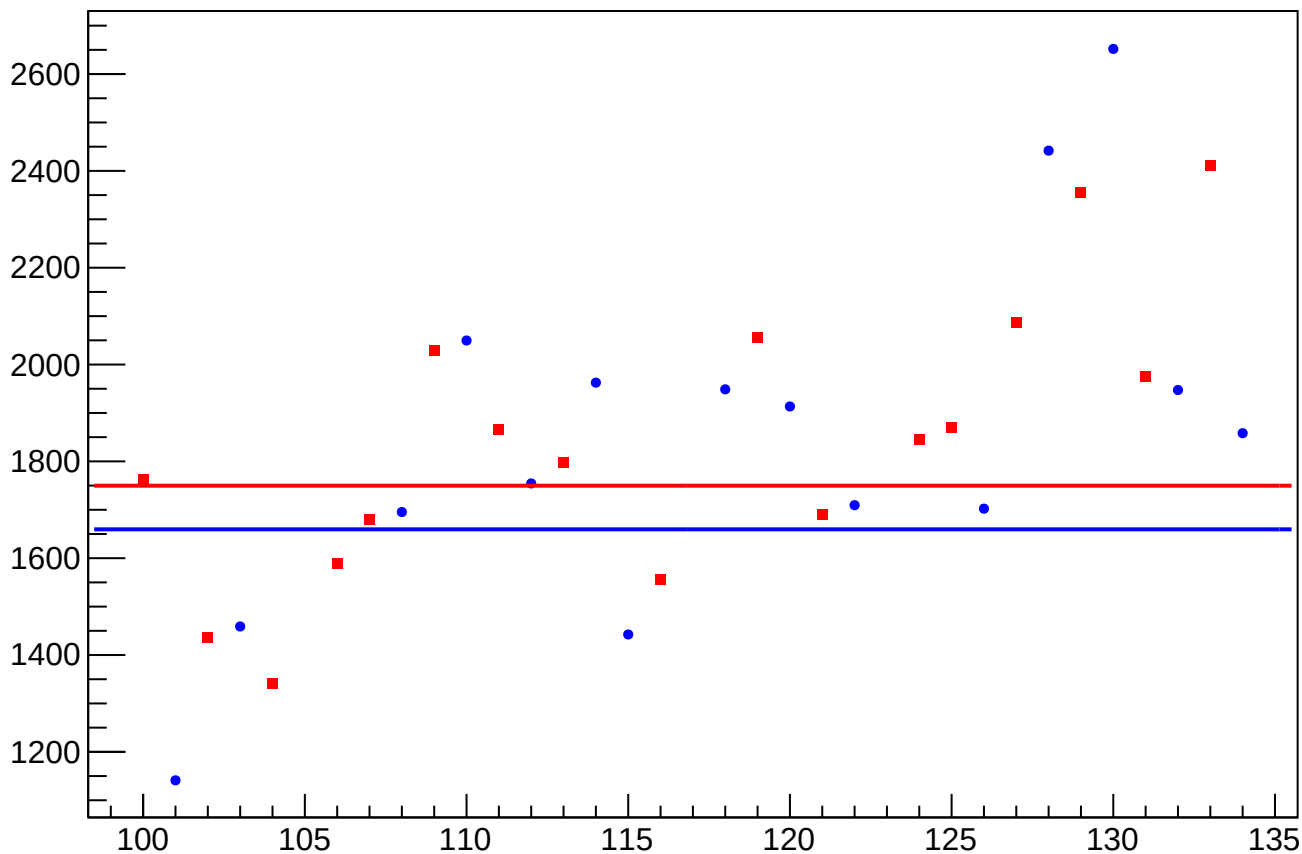
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 569.626 $\pm$ 482.090 χ^2 /NDF: 30.6/31

- 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

Right Out: 1749.763 $\pm$ 0.484 χ^2 /NDF: 384217.7/16

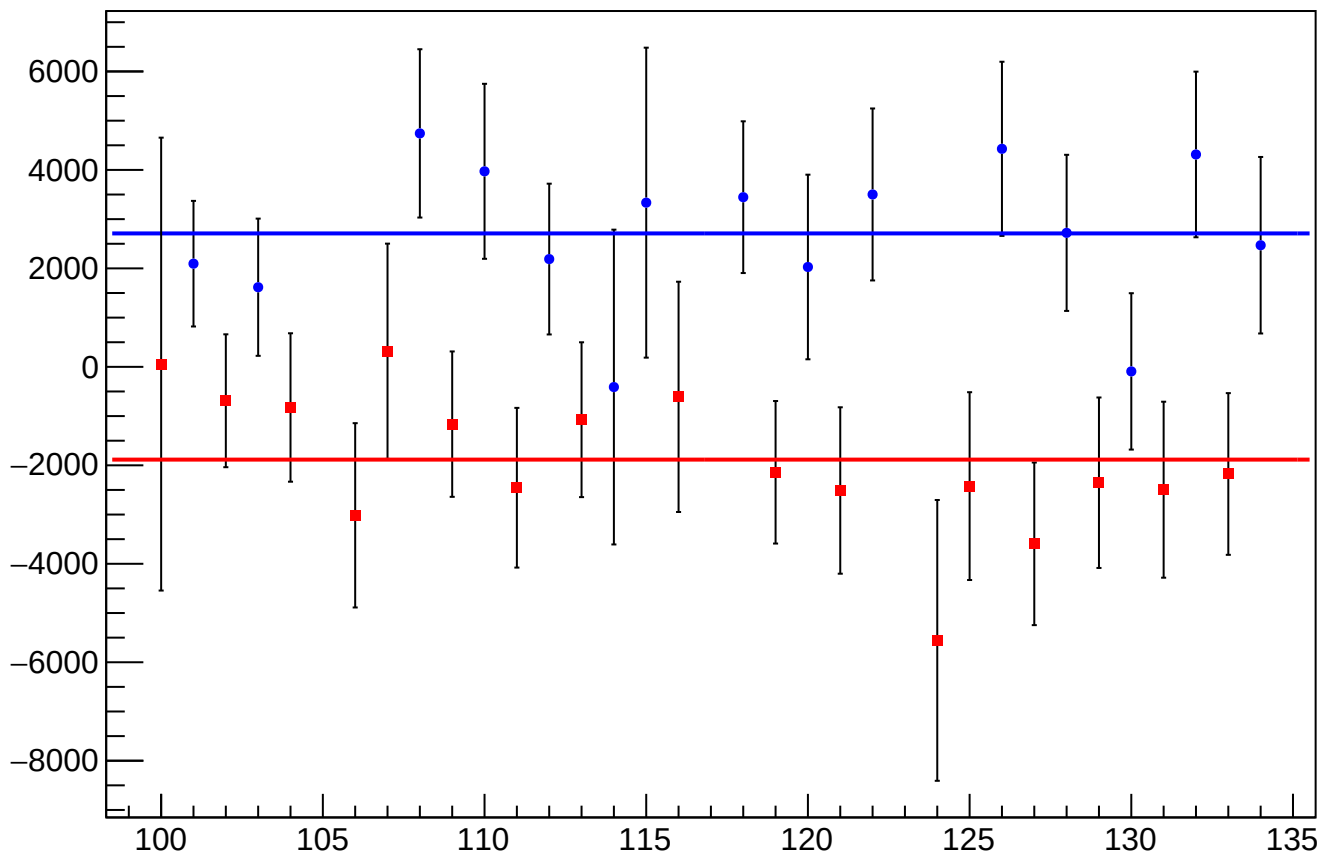
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1704.367 $\pm$ 0.341 χ^2 /NDF: 1046055.2/31

- sign 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: -1883.984+/-423.839 χ^2/NDF : 7.0/16

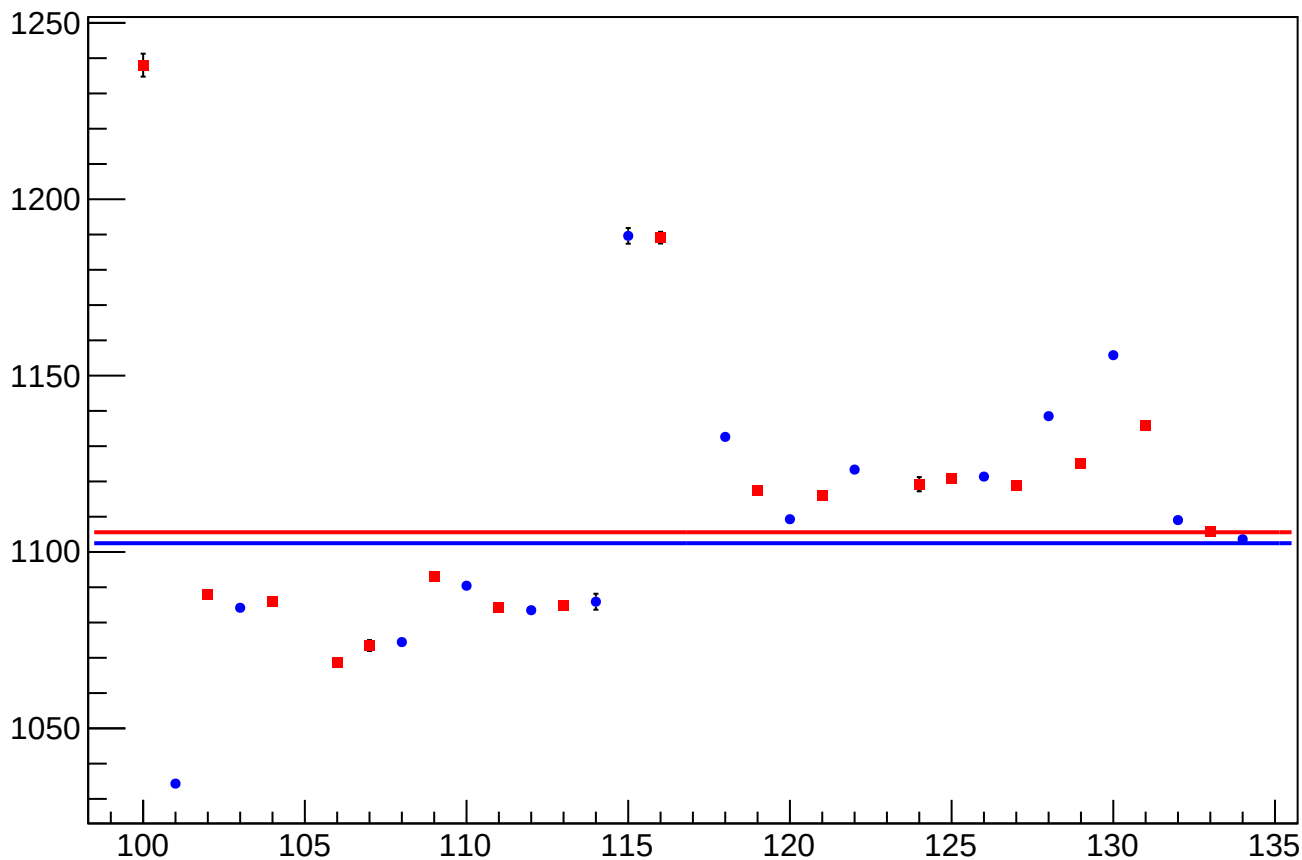
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 340.570+/-304.394 χ^2/NDF : 73.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_rms vs Slug



Right In: 1102.487 $\pm$ 0.309 χ^2 /NDF: 13202.4/14

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

Right Out: 1105.596 $\pm$ 0.300 χ^2 /NDF: 8280.5/16

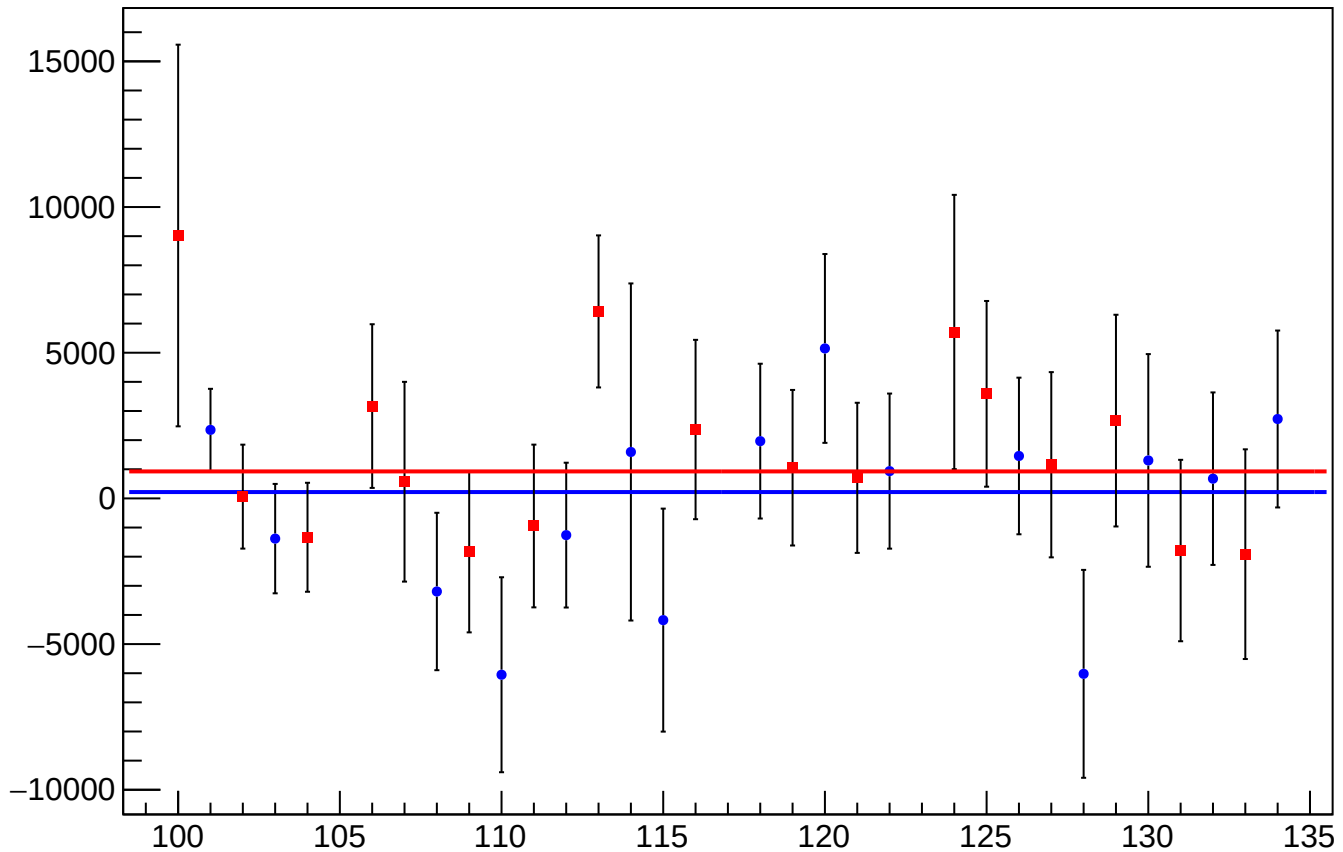
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1104.091 $\pm$ 0.215 χ^2 /NDF: 21535.0/31

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

asym_usr_cor_correction_mean vs Slug



Right In: 217.841+/-679.425 χ^2/NDF : 16.7/14

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

Right Out: 926.327+/-684.156 χ^2/NDF : 13.3/16

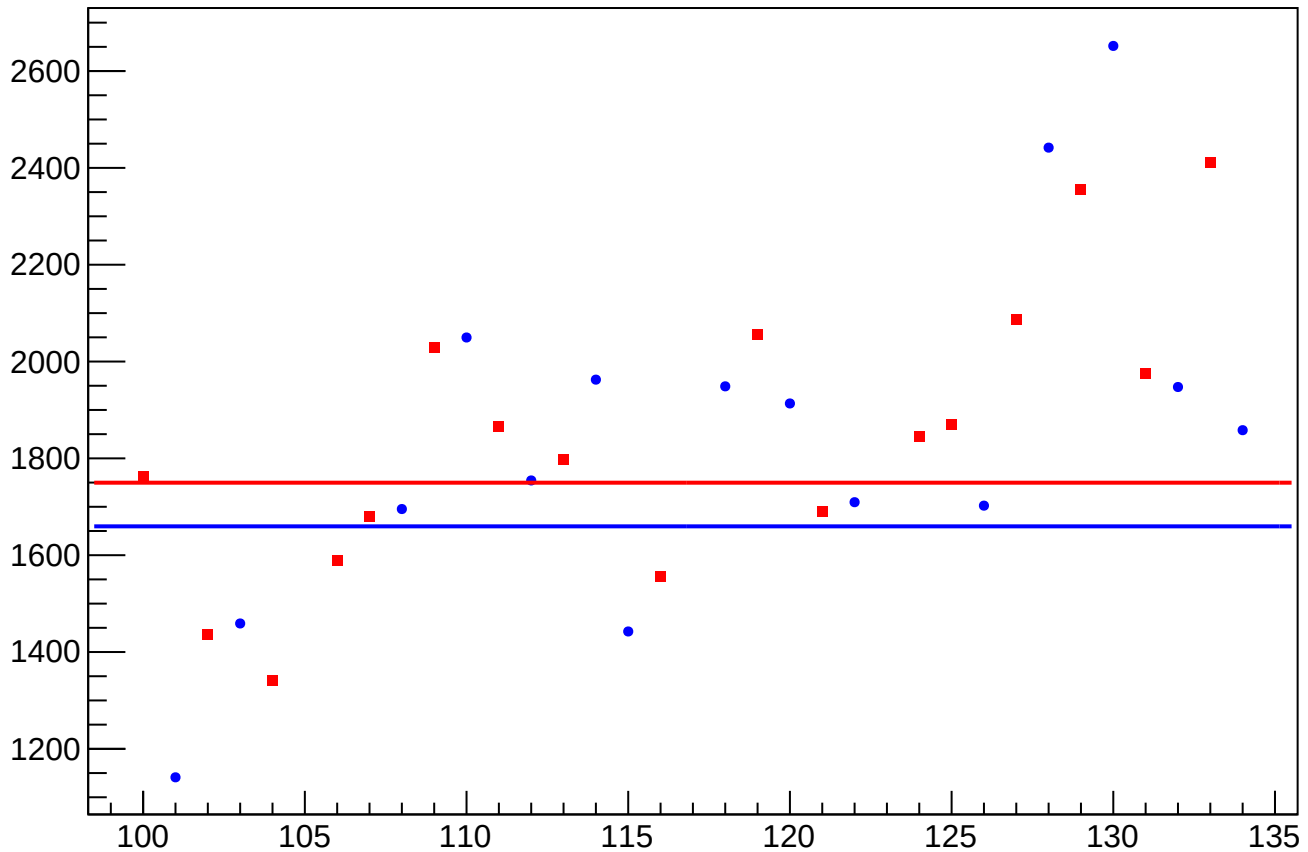
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 569.626+/-482.090 χ^2/NDF : 30.6/31

- sign 0.000+/-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

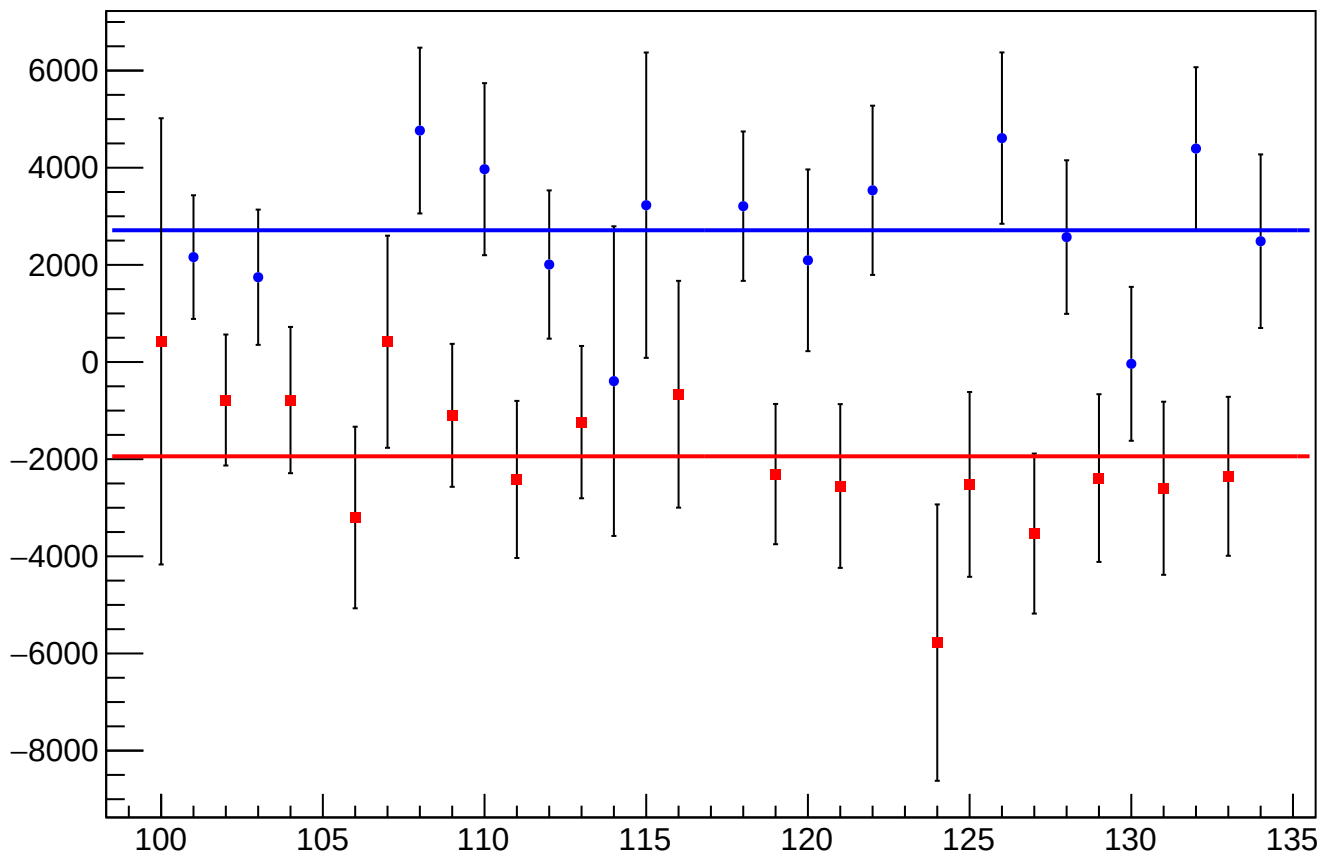
Right Out: 1749.763 $\pm$ 0.484 χ^2 /NDF: 384217.7/16

All: 1704.367 $\pm$ 0.341 χ^2 /NDF: 1046055.2/31

- 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

overload_cor_asym_usr_mean vs Slug



Right In: 2712.573+/-436.341 χ^2/NDF : 9.5/14

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

Right Out: -1940.899+/-422.817 χ^2/NDF : 7.4/16

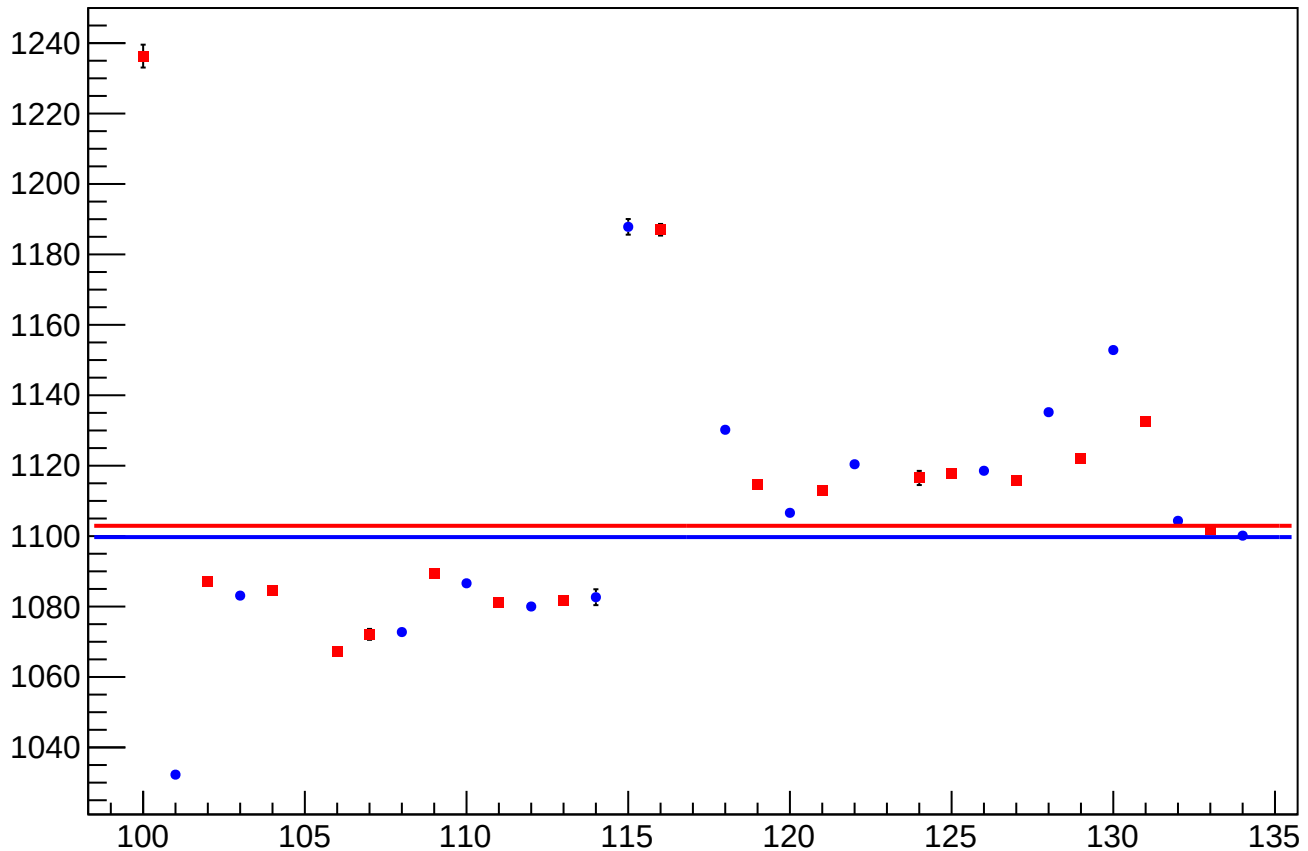
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.605+/-303.645 χ^2/NDF : 75.5/31

- sign 0.000+/-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: 1102.932+/-0.299 χ^2/NDF : 8166.8/16

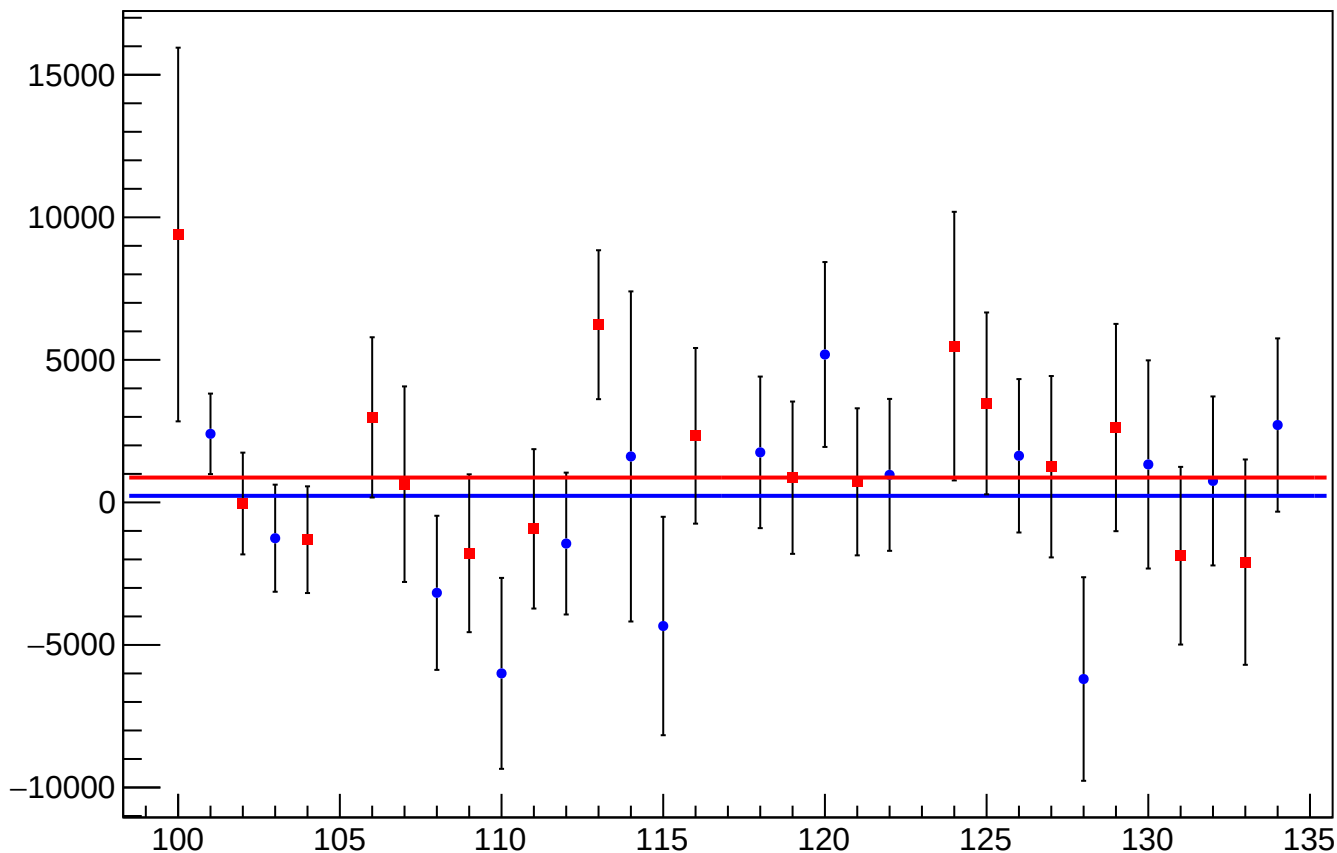
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1101.380+/-0.215 χ^2/NDF : 21288.2/31

- 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: 872.016+/-684.726 χ^2/NDF : 13.0/16

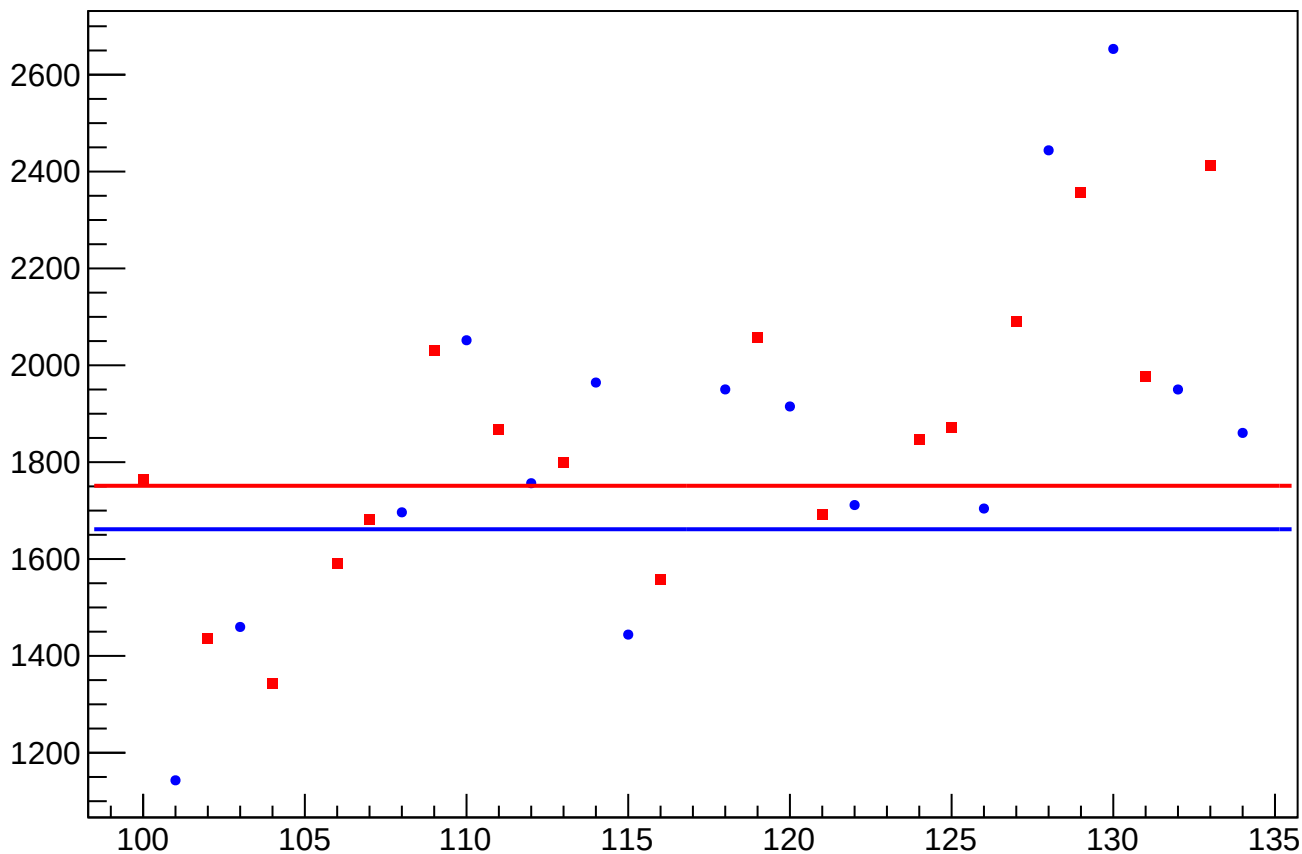
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 549.103+/-482.550 χ^2/NDF : 30.4/31

- 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: 1751.229+/-0.484 χ^2/NDF : 384432.9/16

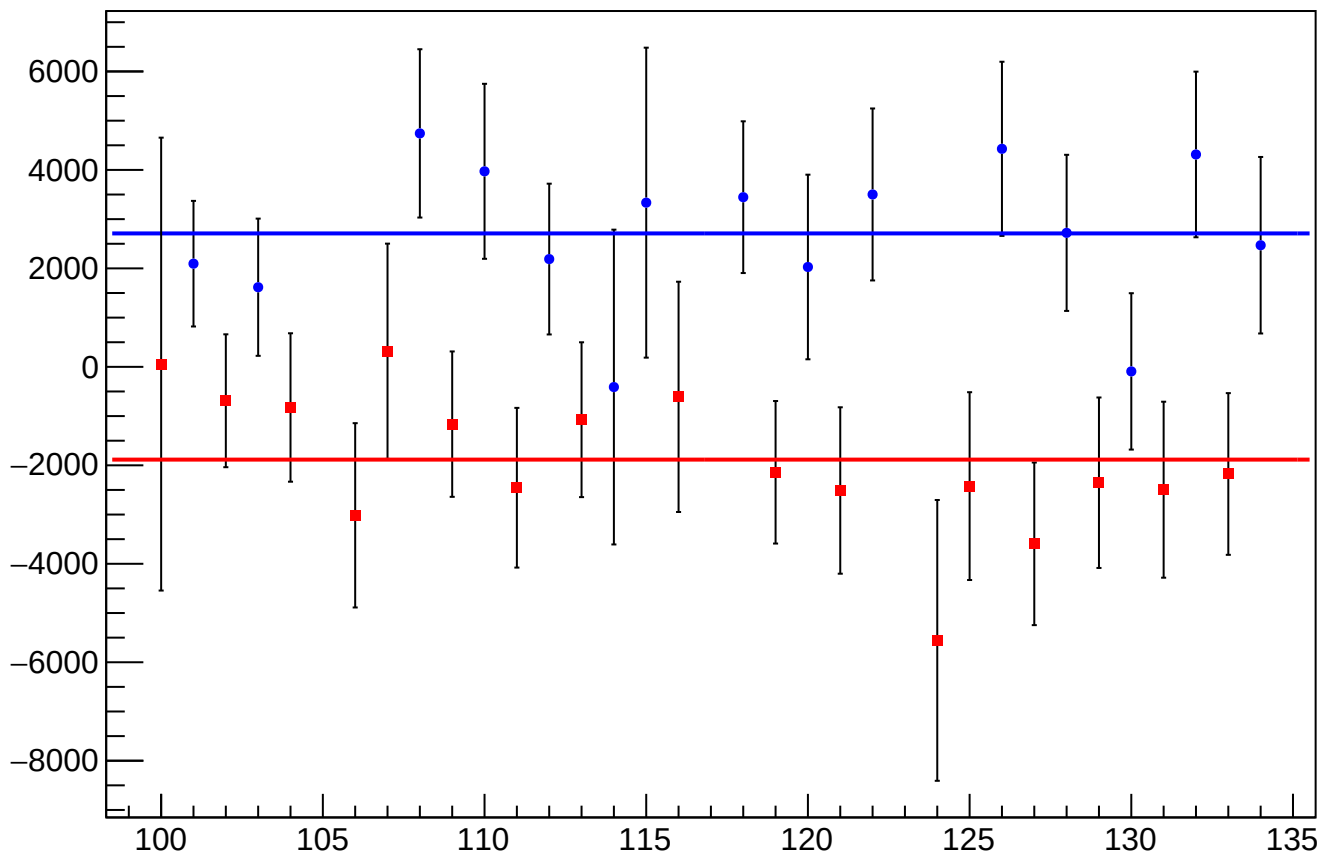
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1706.059+/-0.341 χ^2/NDF : 1044807.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_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: -1883.984 $\pm$ 423.839 χ^2 /NDF: 7.0/16

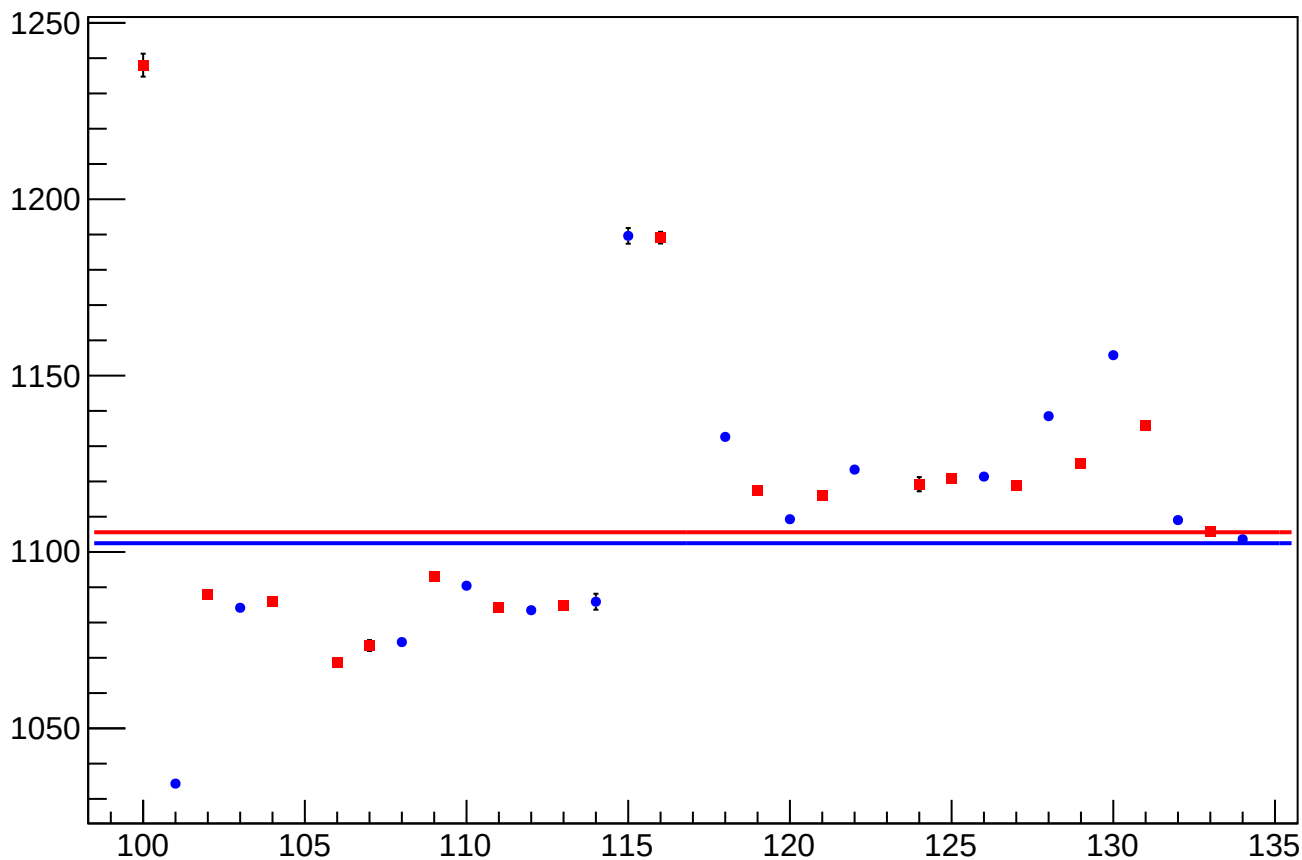
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 340.570 $\pm$ 304.394 χ^2 /NDF: 73.3/31

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

eigen_cor_asym_usr_rms vs Slug



Right In: 1102.487 $\pm$ 0.309 χ^2 /NDF: 13202.4/14

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

Right Out: 1105.596 $\pm$ 0.300 χ^2 /NDF: 8280.5/16

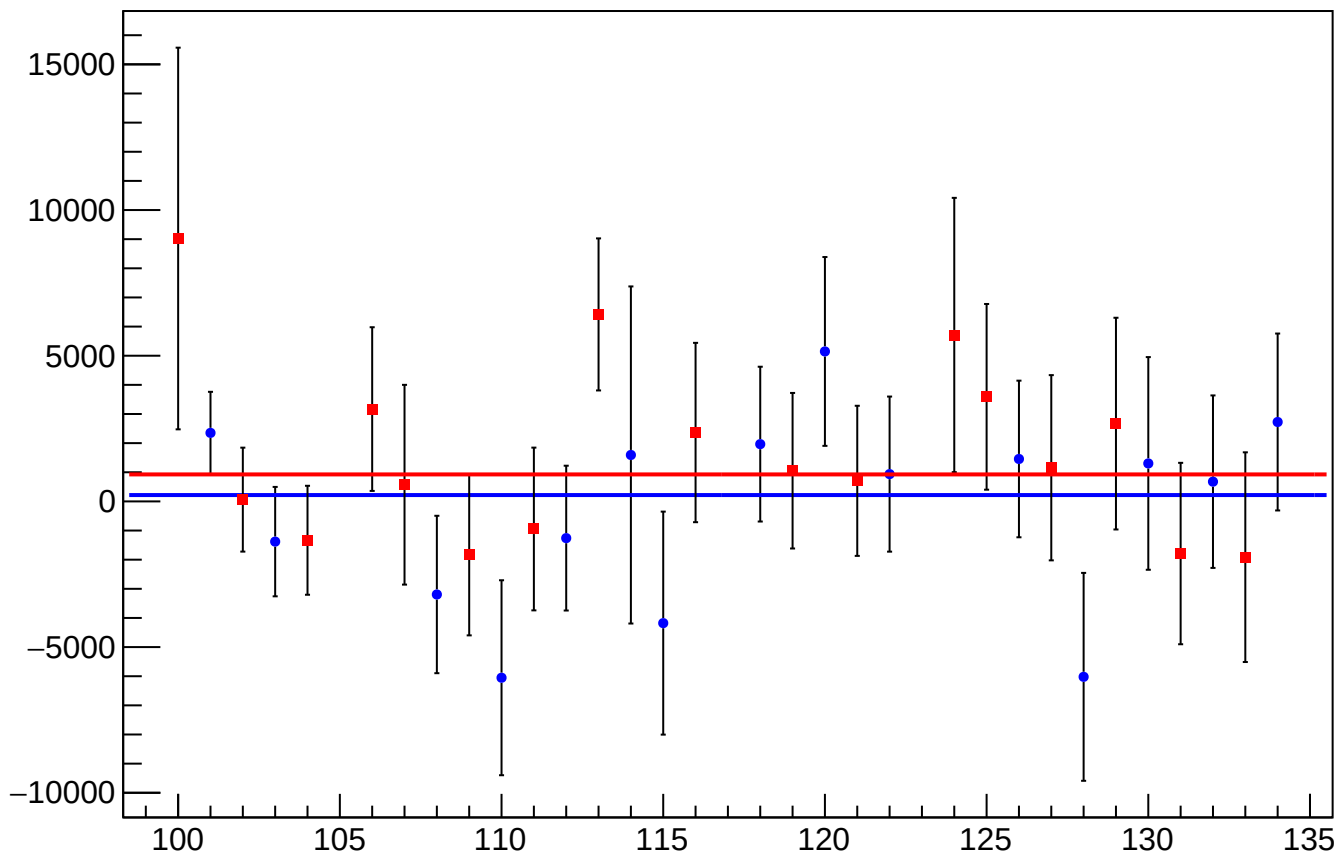
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1104.091 $\pm$ 0.215 χ^2 /NDF: 21535.0/31

- sign 0.000 $\pm$ 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: 926.327 $\pm$ 684.156 χ^2 /NDF: 13.3/16

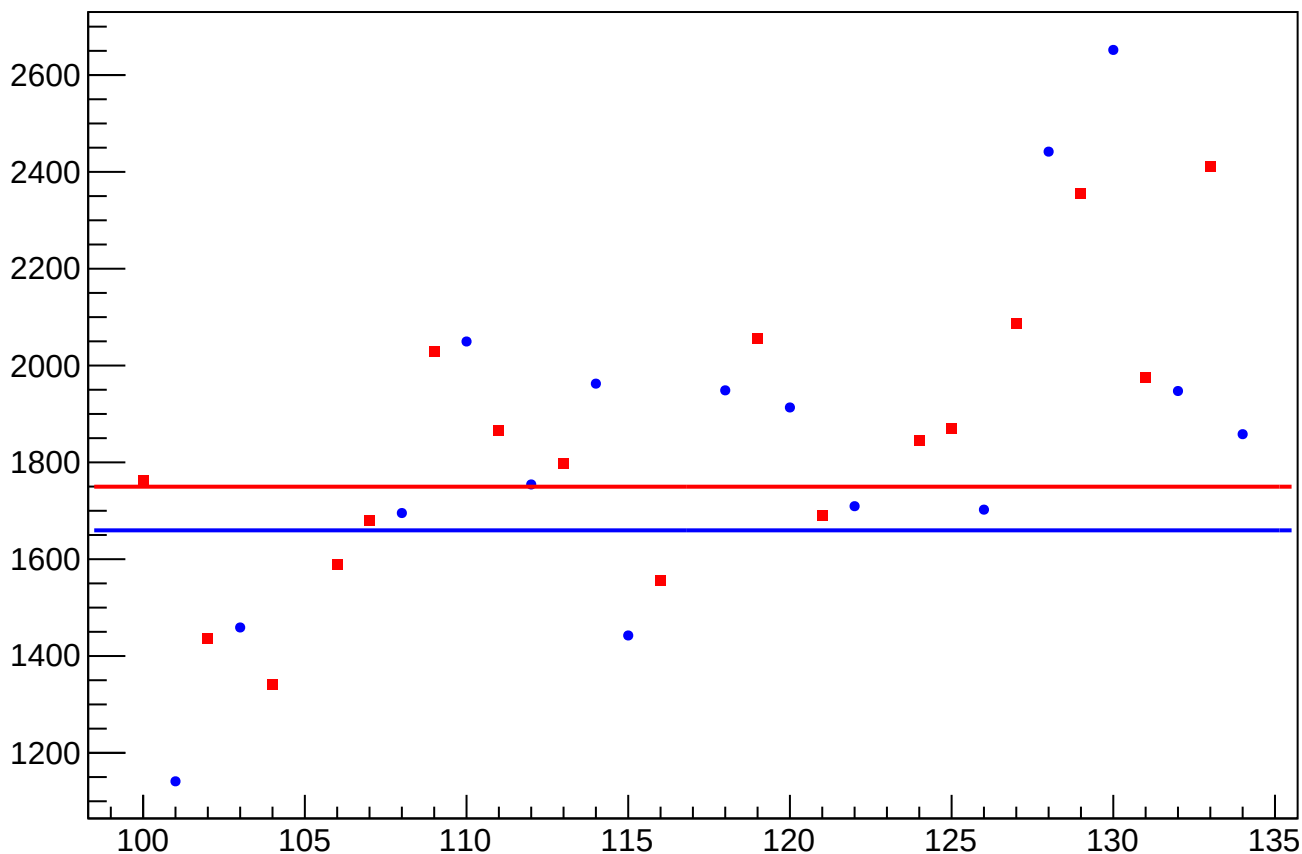
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 569.626 $\pm$ 482.090 χ^2 /NDF: 30.6/31

- 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: 1749.763+/-0.484 χ^2/NDF : 384217.7/16

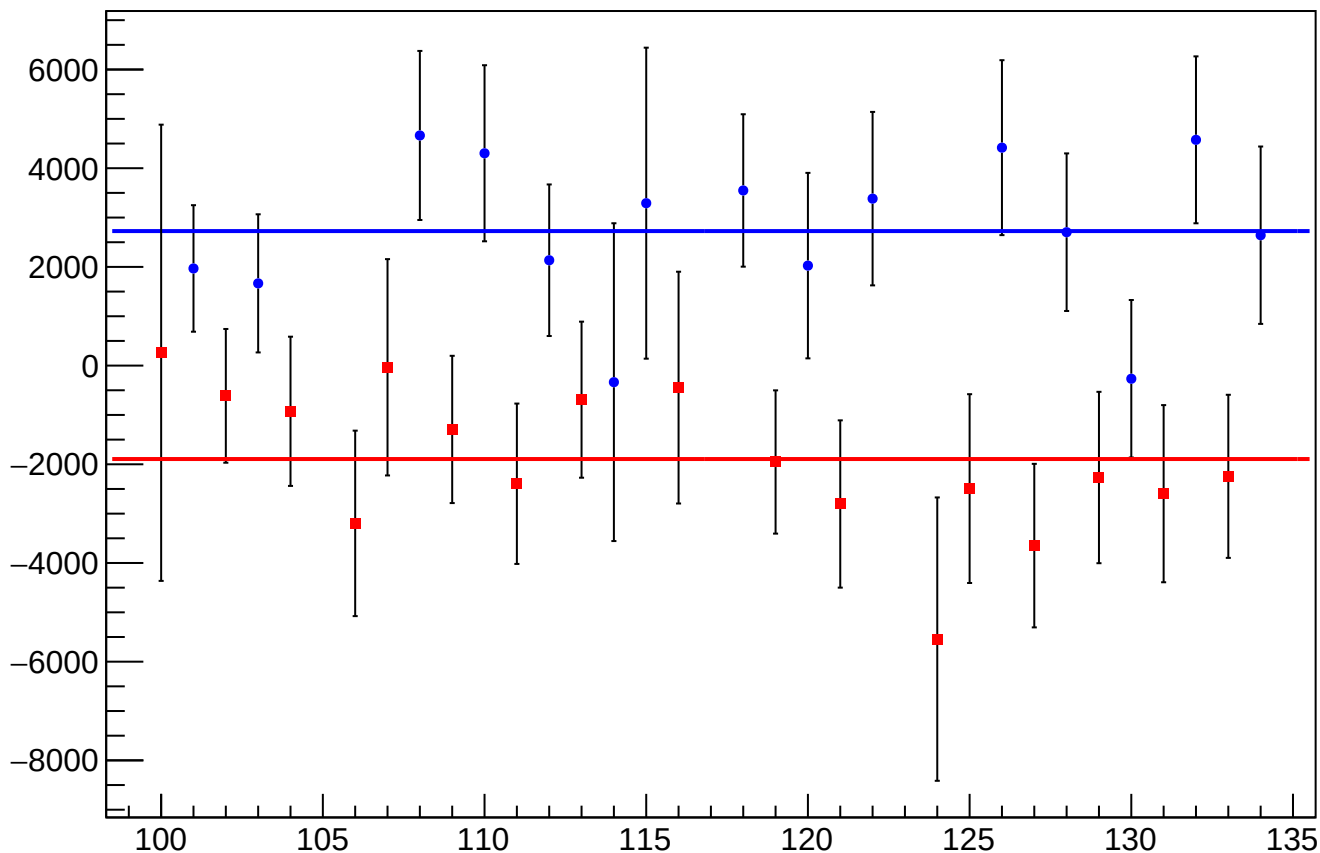
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1704.367+/-0.341 χ^2/NDF : 1046055.2/31

- 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: -1893.451 $\pm$ 425.692 χ^2 /NDF: 7.3/16

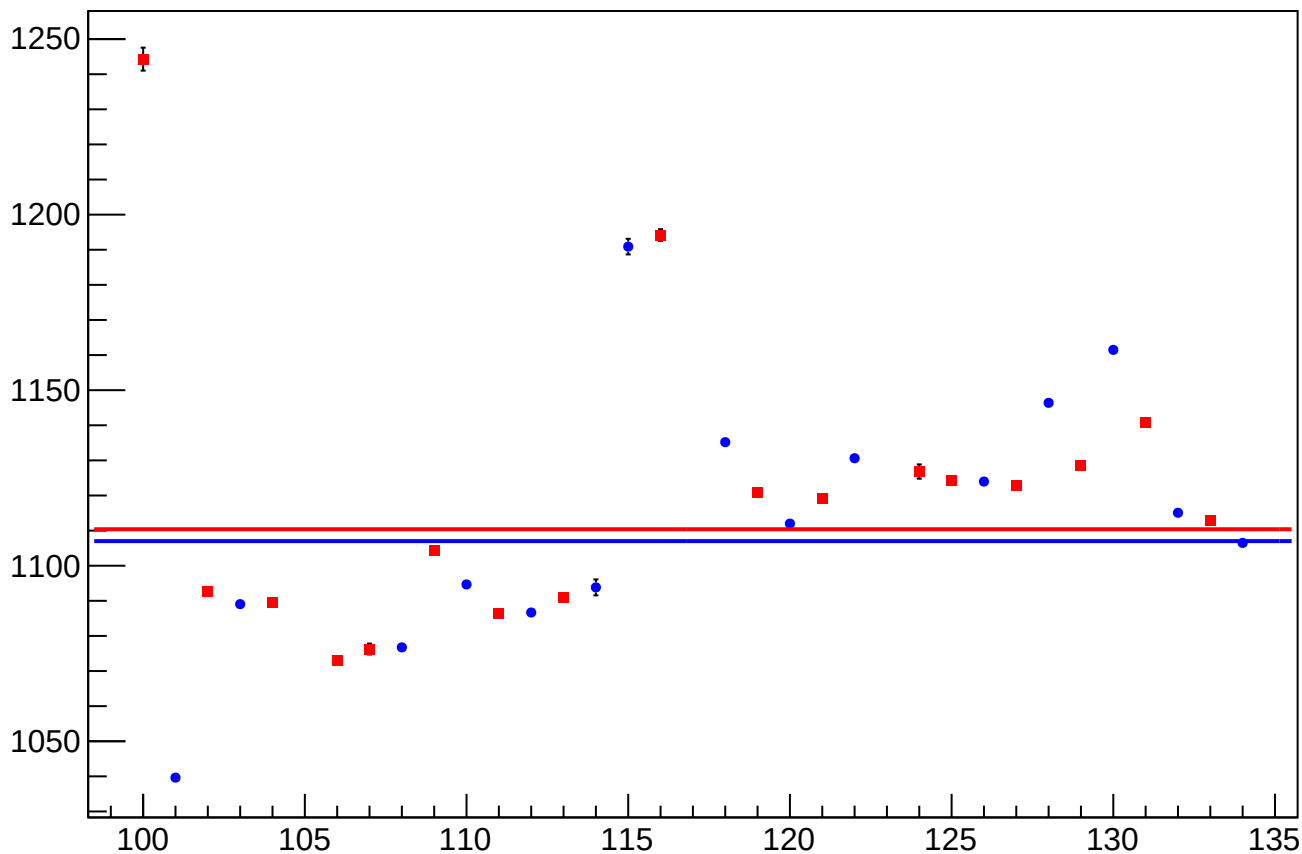
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 343.937 $\pm$ 305.687 χ^2 /NDF: 74.6/31

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

dit_asym_usr_rms vs Slug



Right In: 1107.006+/-0.311 χ^2/NDF : 13189.4/14

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

Right Out: 1110.386+/-0.301 χ^2/NDF : 8248.5/16

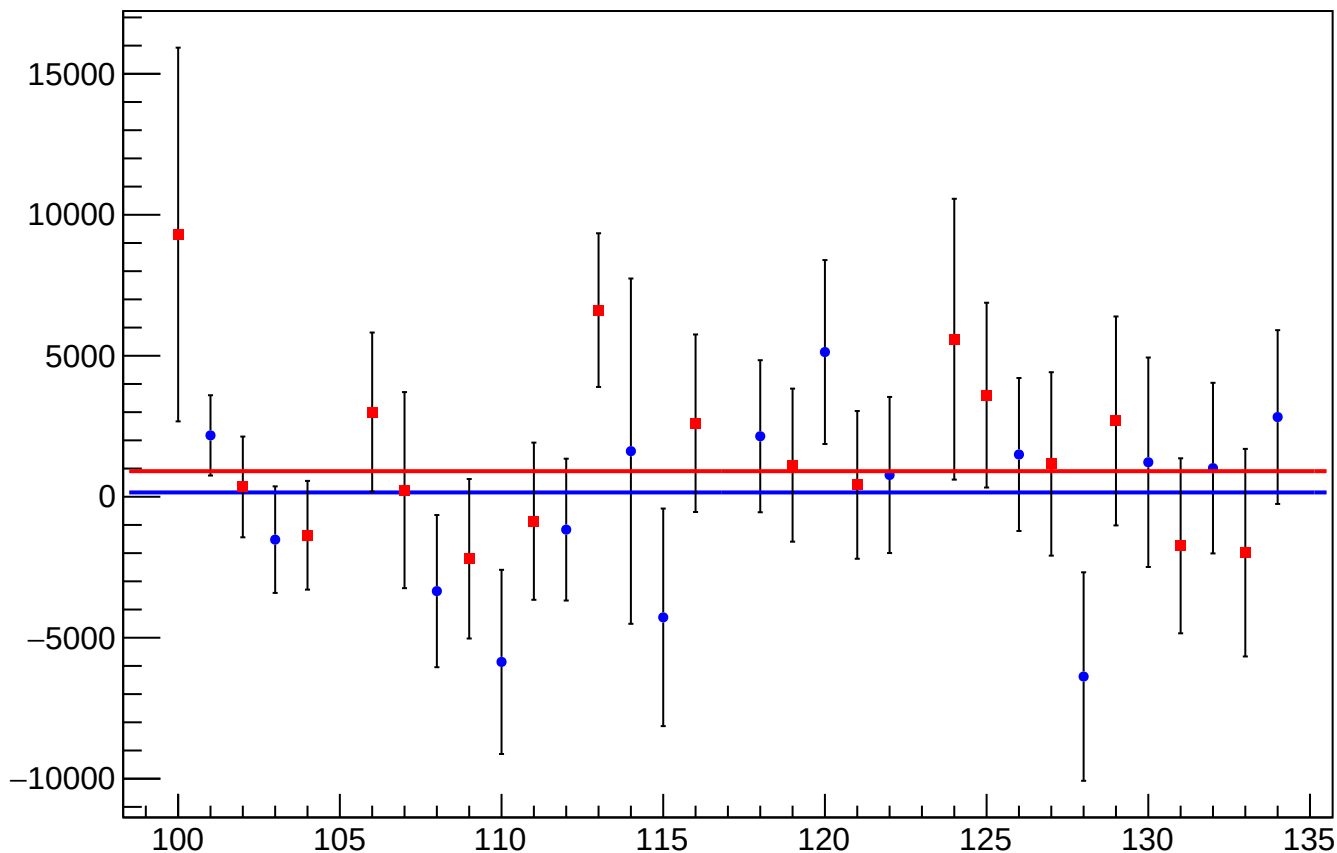
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1108.749+/-0.216 χ^2/NDF : 21499.0/31

- sign 0.000+/-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: 907.155 $\pm$ 696.325 χ^2 /NDF: 13.2/16

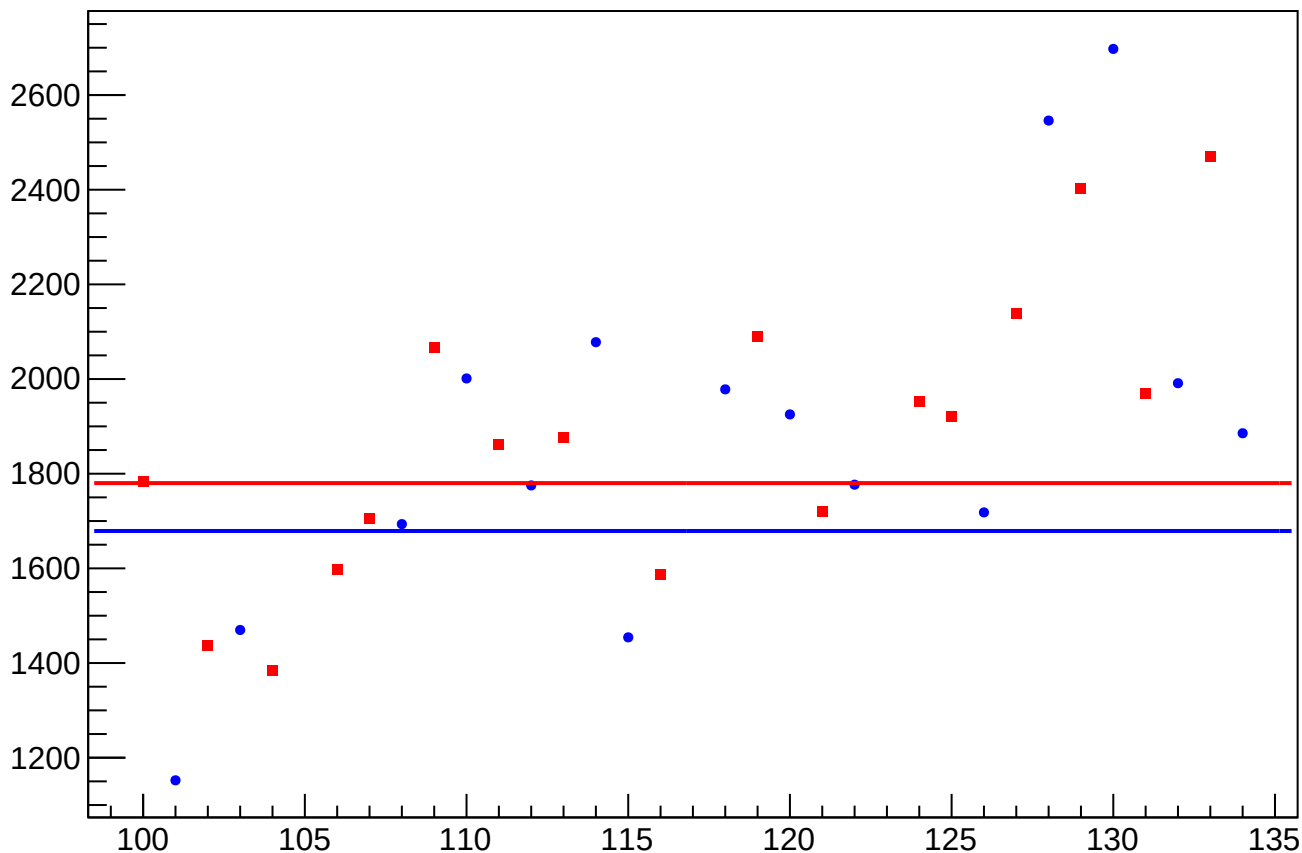
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 525.358 $\pm$ 489.303 χ^2 /NDF: 30.5/31

- 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: 1780.156+/-0.492 χ^2/NDF : 391477.9/16

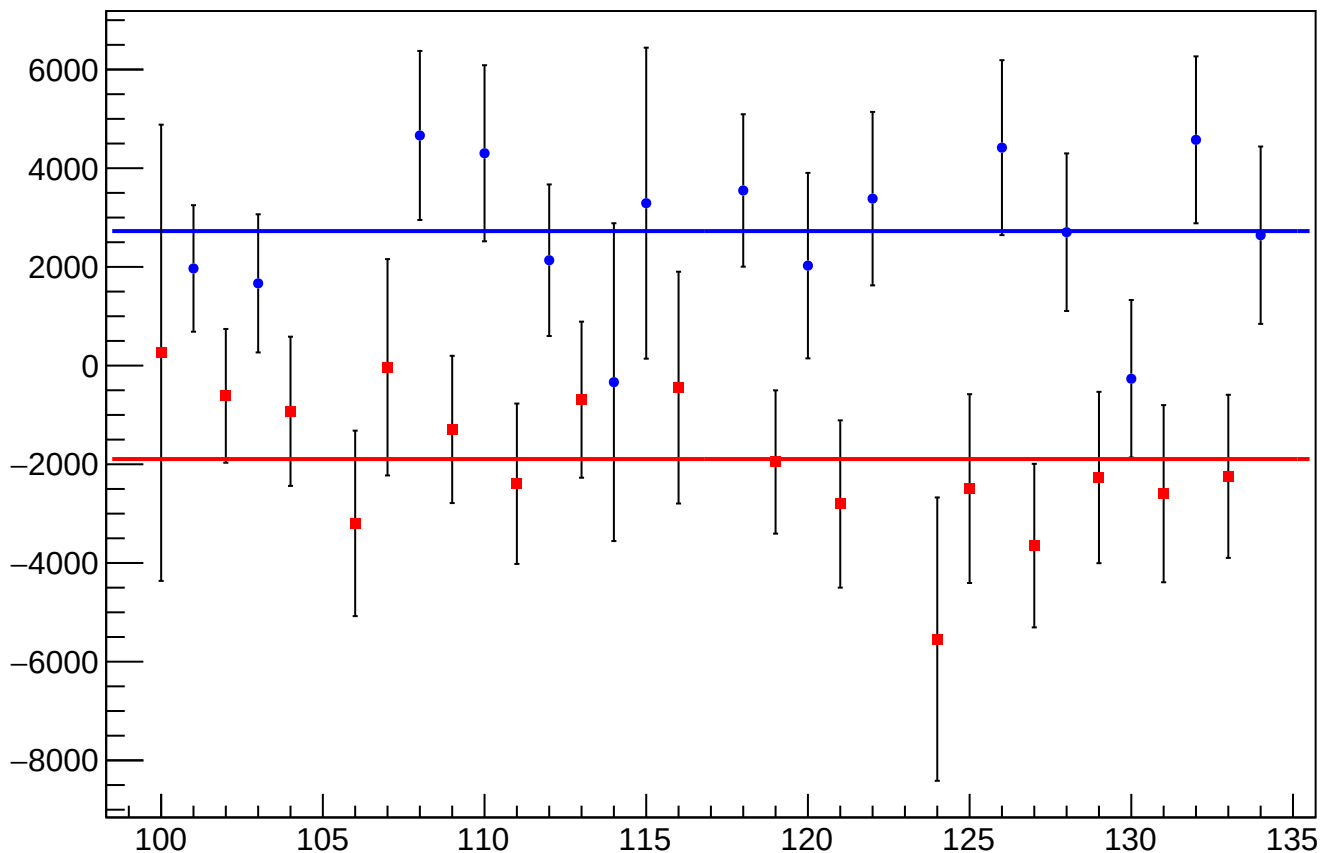
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1728.931+/-0.346 χ^2/NDF : 1078475.0/31

- 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: -1893.455 $\pm$ 425.692 χ^2 /NDF: 7.3/16

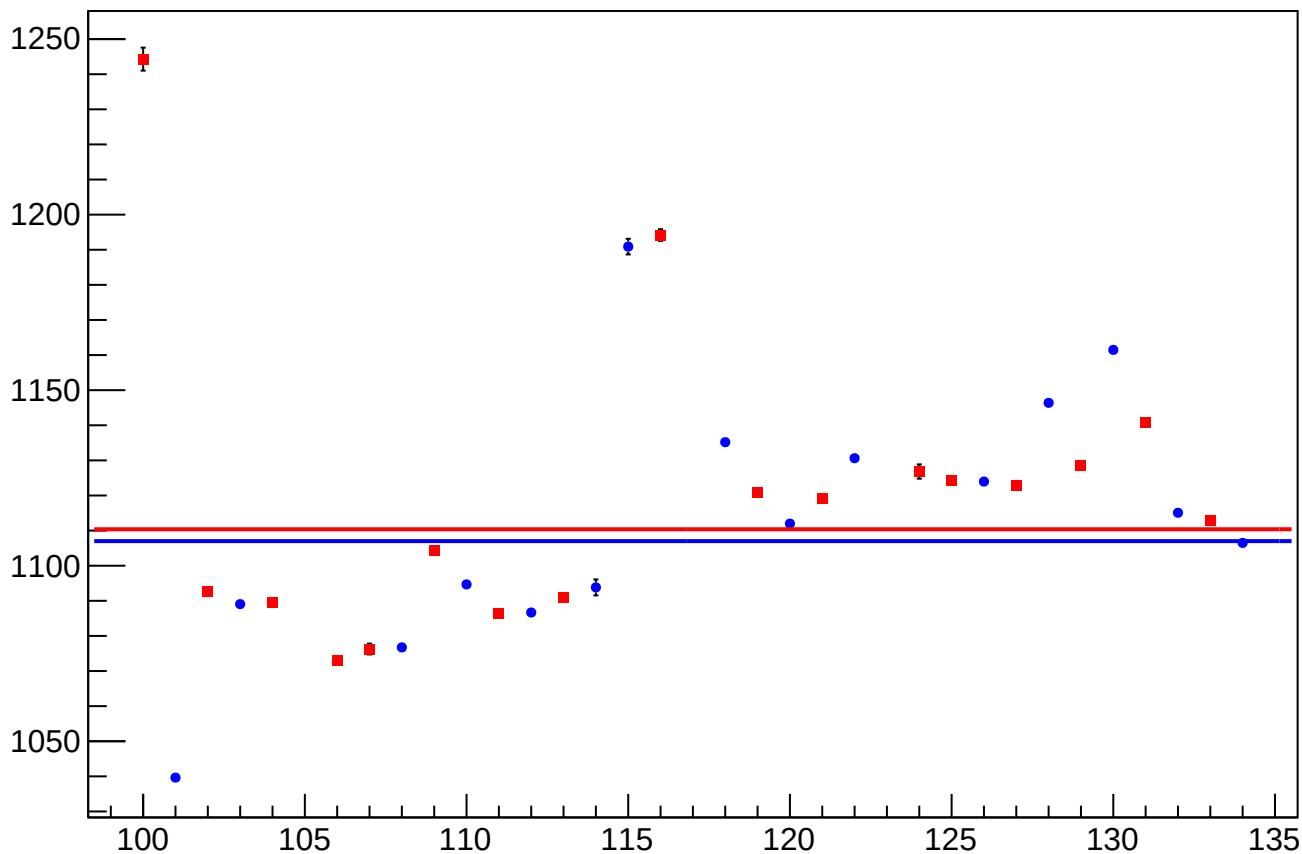
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 343.936 $\pm$ 305.687 χ^2 /NDF: 74.6/31

- 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: 1110.386+/-0.301 χ^2/NDF : 8248.5/16

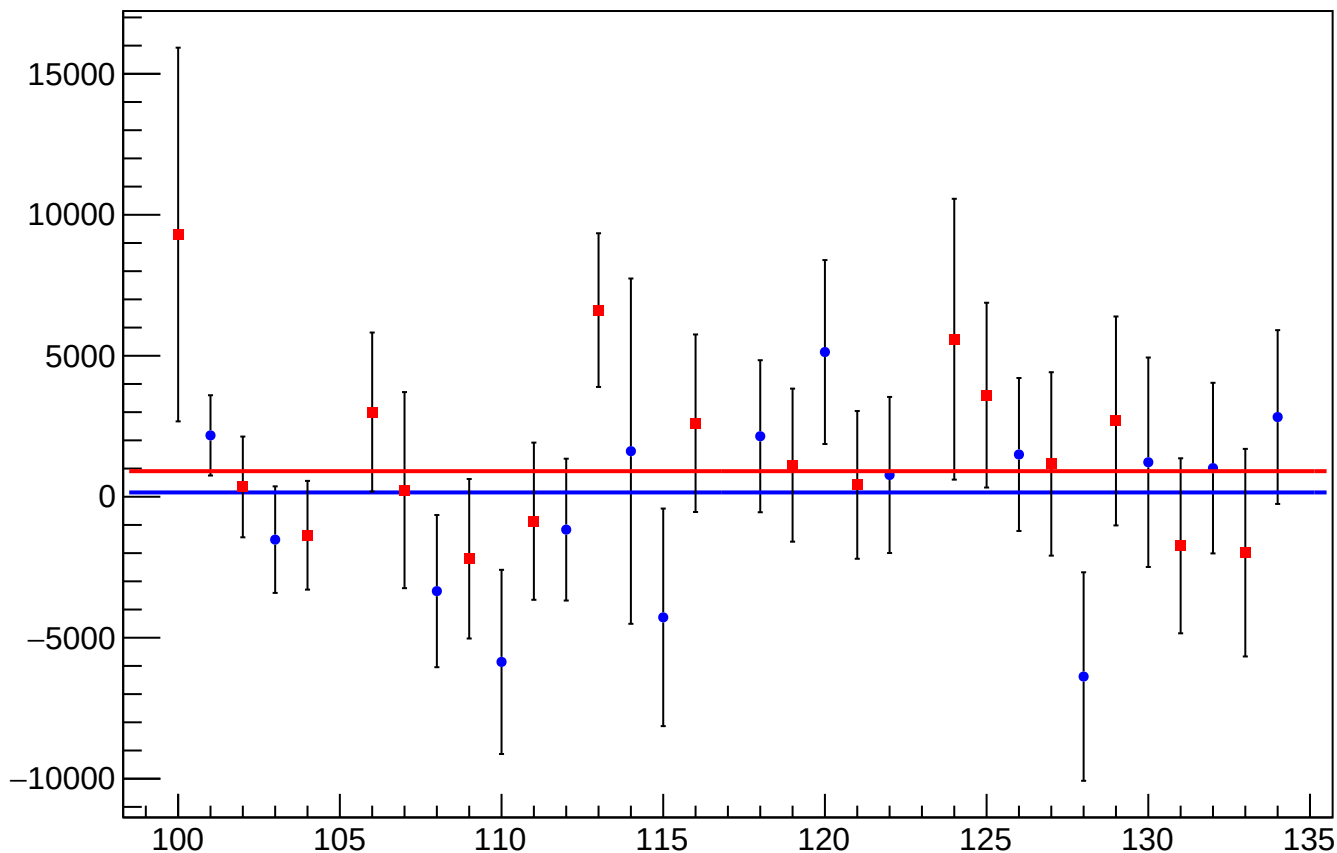
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1108.748+/-0.216 χ^2/NDF : 21498.9/31

- 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: 907.157 $\pm$ 696.324 χ^2 /NDF: 13.2/16

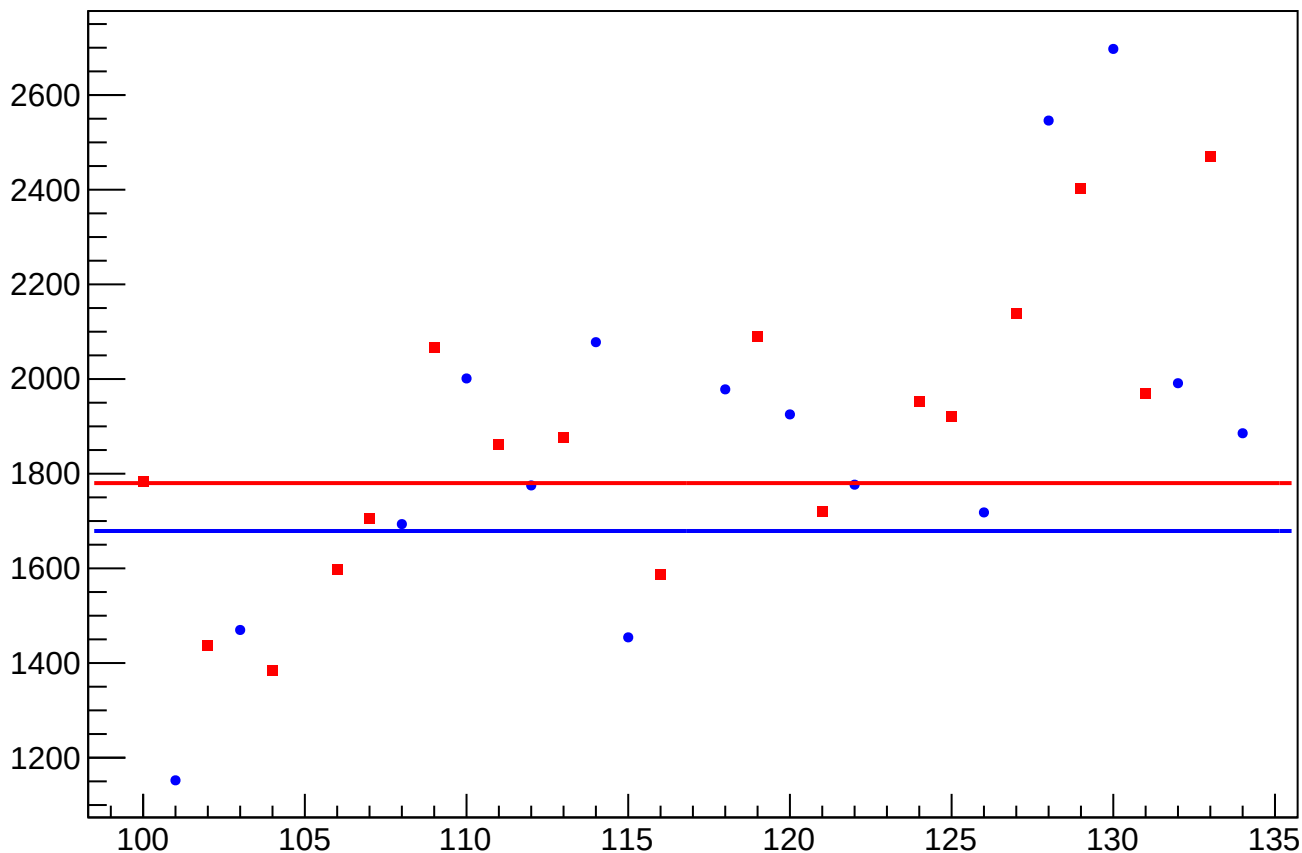
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 525.358 $\pm$ 489.302 χ^2 /NDF: 30.5/31

- 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

Right Out: 1780.155+/-0.492 χ^2/NDF : 391466.9/16

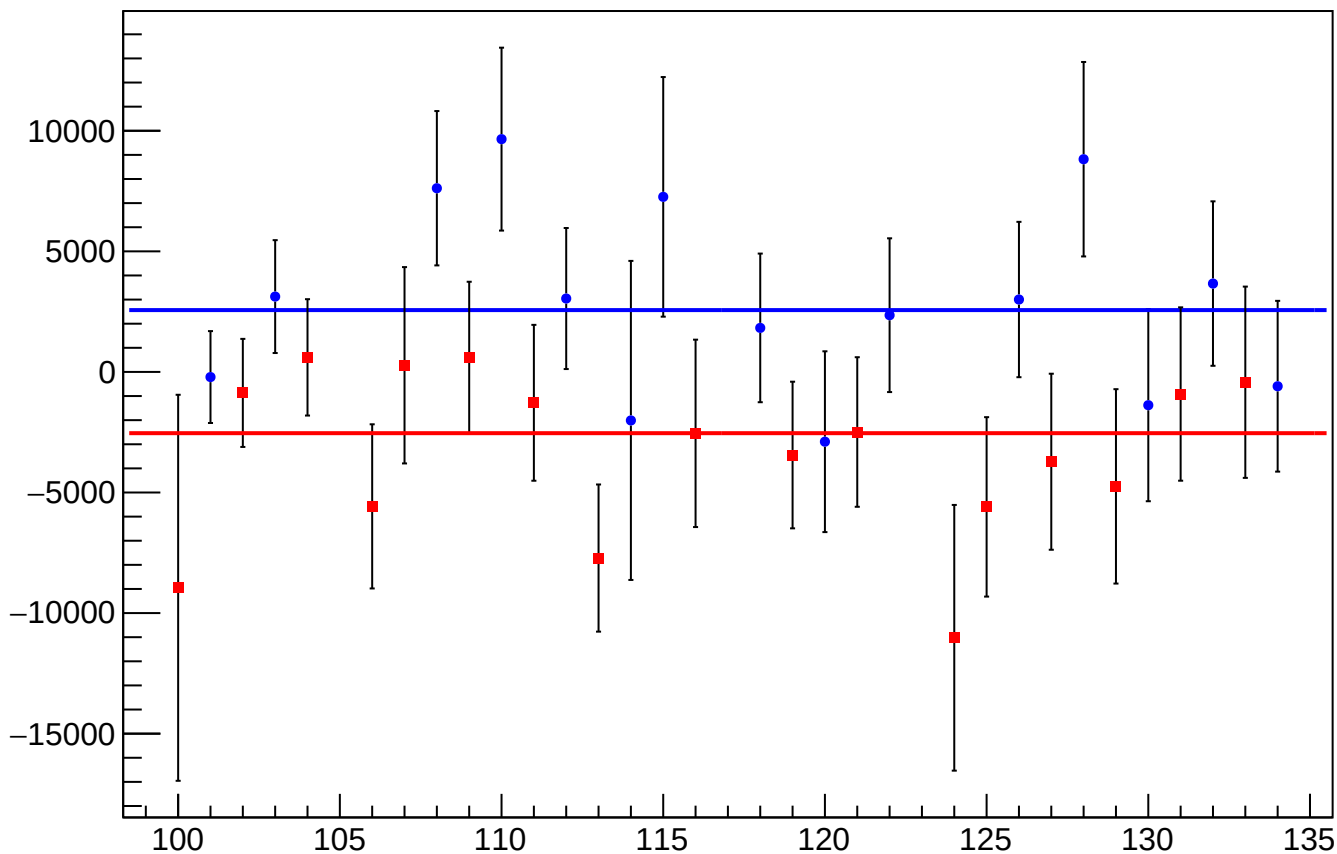
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1728.929+/-0.346 χ^2/NDF : 1078453.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_mean vs Slug



Right In: 2564.064 $\pm$ 825.617 χ^2 /NDF: 16.1/14

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

Right Out: -2539.792 $\pm$ 817.016 χ^2 /NDF: 12.2/16

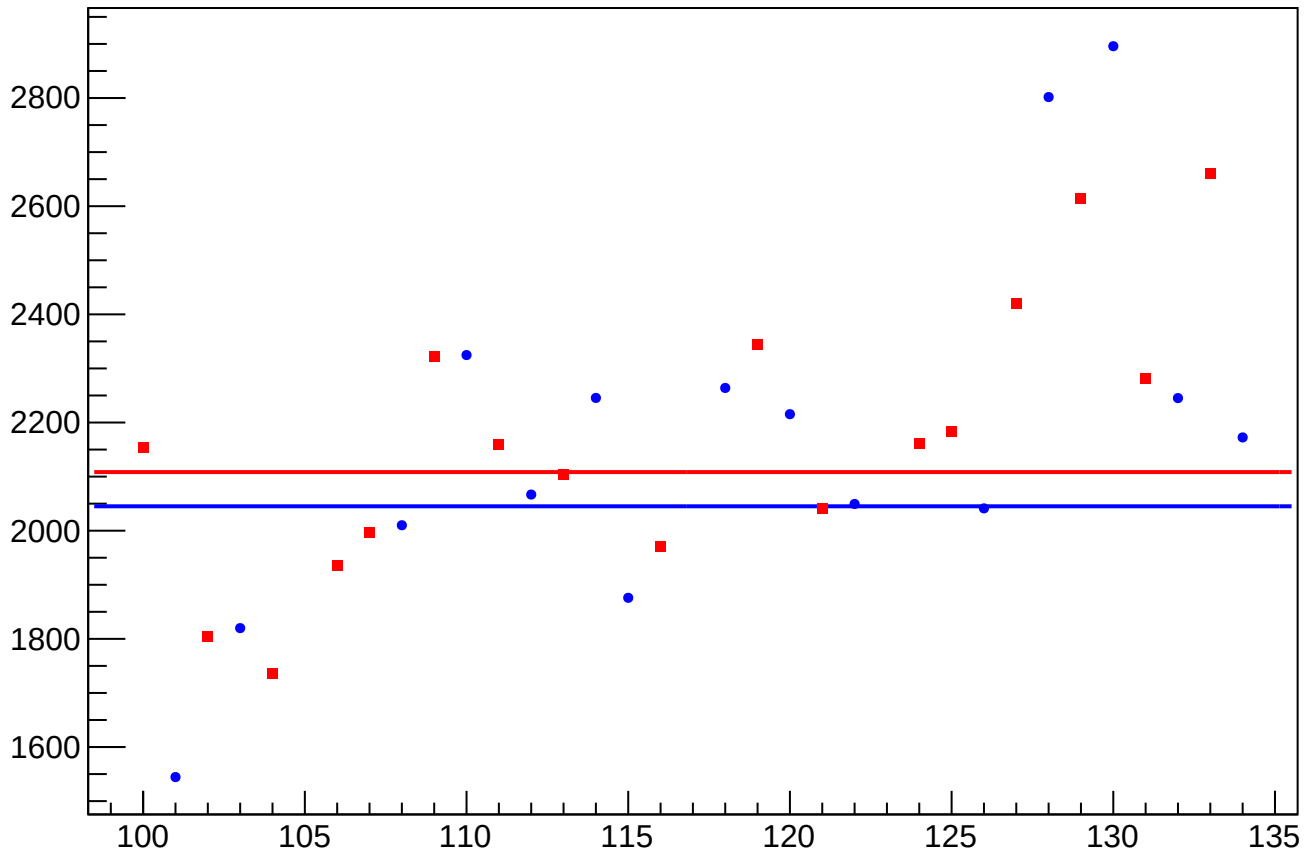
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -14.590 $\pm$ 580.735 χ^2 /NDF: 47.6/31

- sign 0.000 $\pm$ 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

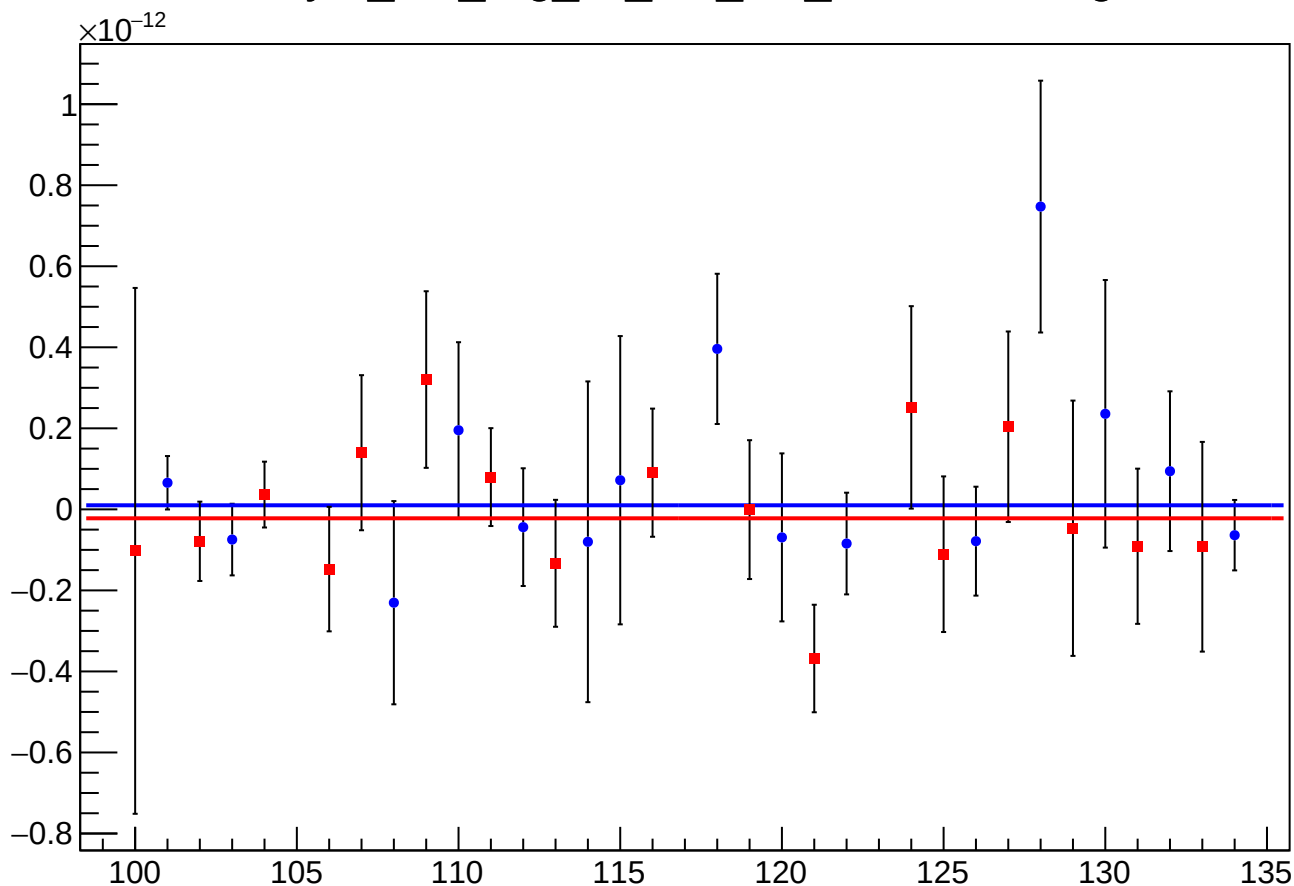
Right Out: 2108.380+/-0.578 χ^2/NDF : 206945.4/16

All: 2077.076+/-0.411 χ^2/NDF : 570228.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_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: 15.8/16

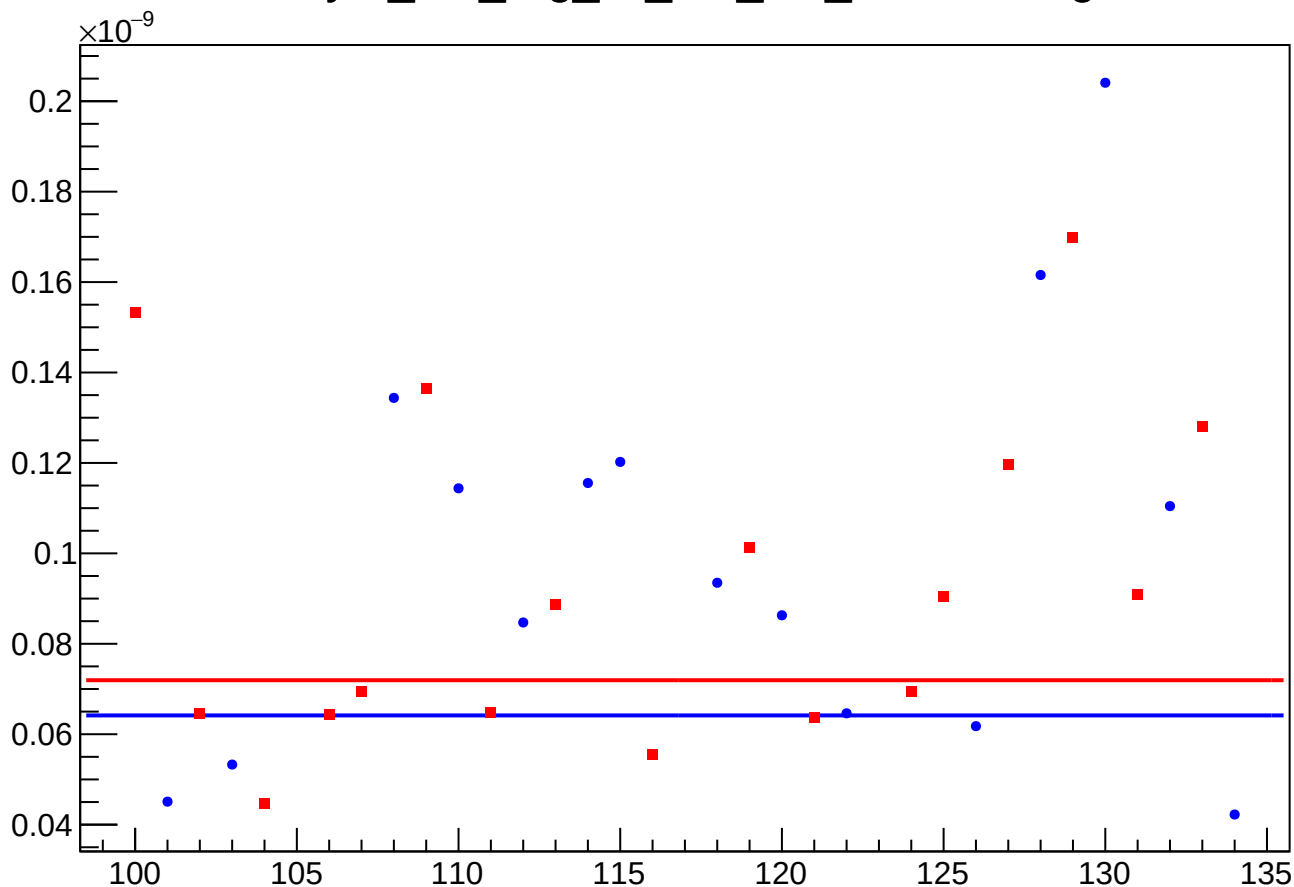
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 32.2/31

- 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 : 973220.7/16

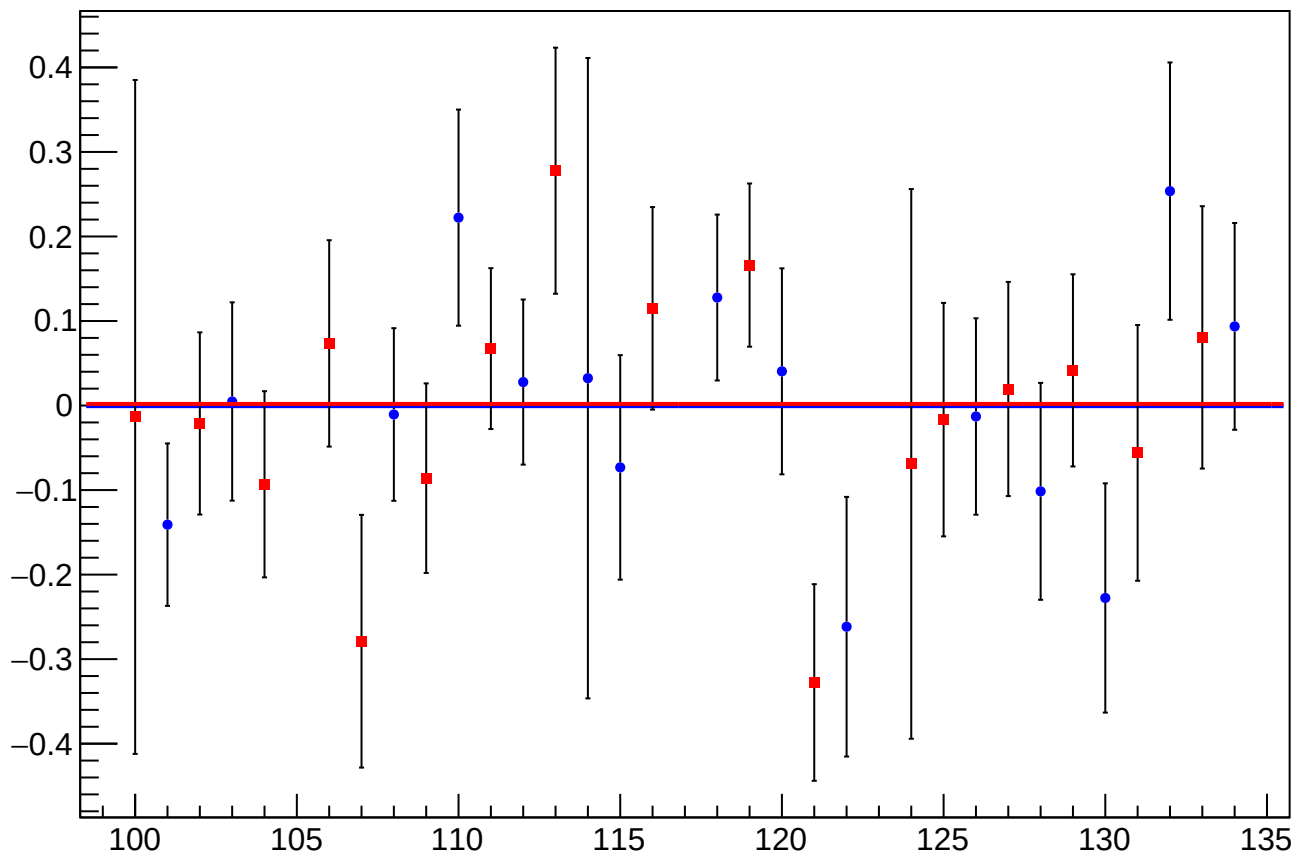
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2/NDF : 2470129.0/31

- 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: 0.002 ± 0.031 χ^2/NDF : 21.8/16

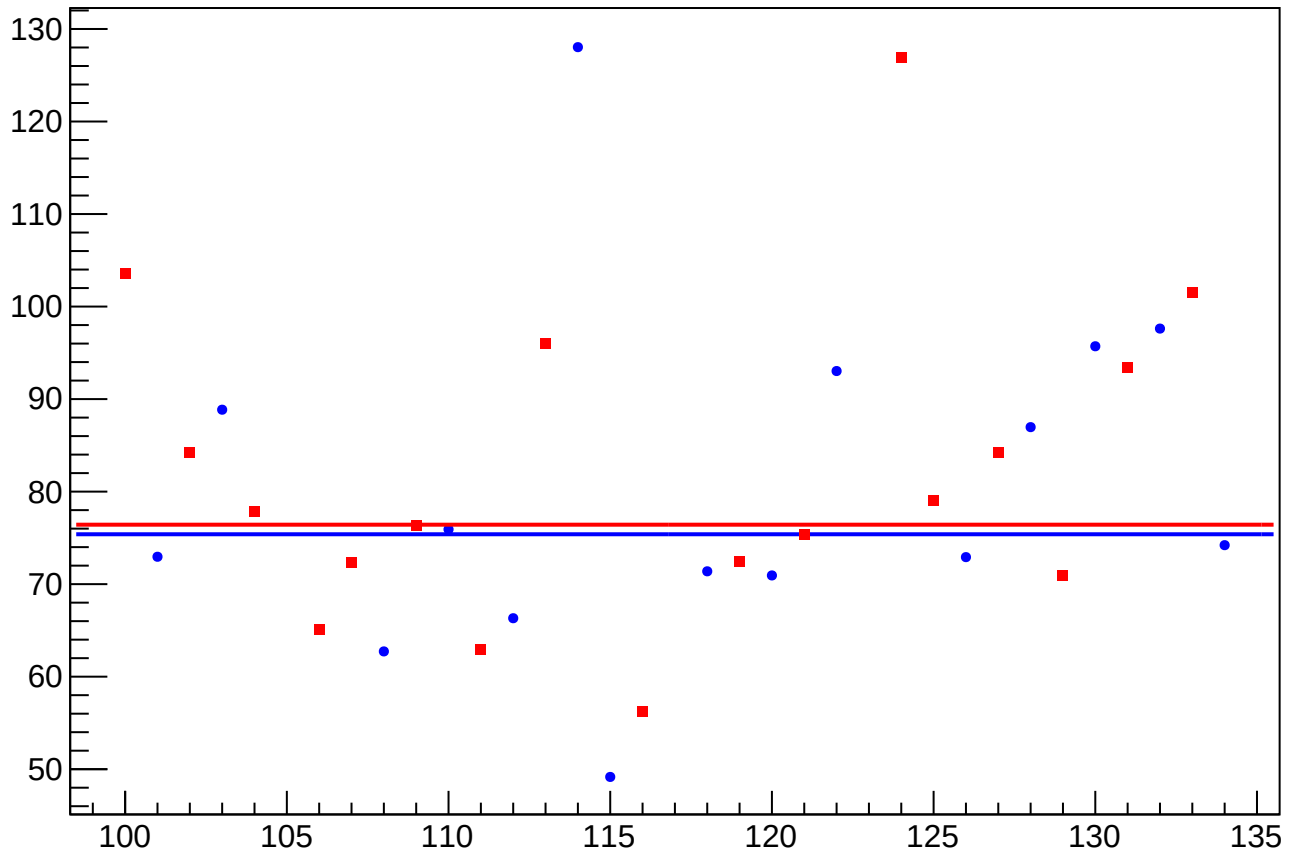
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.022 χ^2/NDF : 38.9/31

- 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: 76.426+/-0.022 χ^2/NDF : 314604.0/16

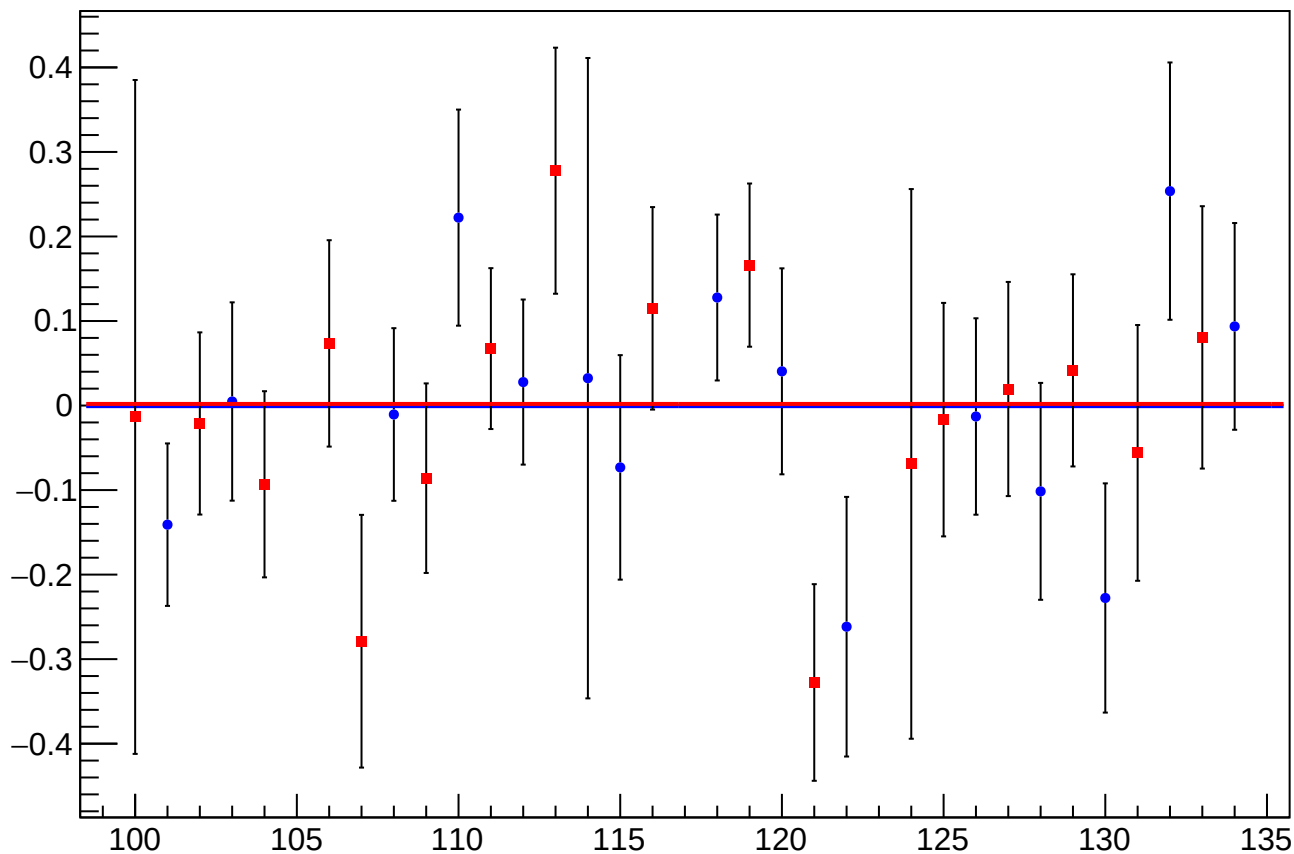
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.919+/-0.016 χ^2/NDF : 645371.0/31

- 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 $\pm$ 0.031 χ^2 /NDF: 17.1/14

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

Right Out: 0.002 $\pm$ 0.031 χ^2 /NDF: 21.8/16

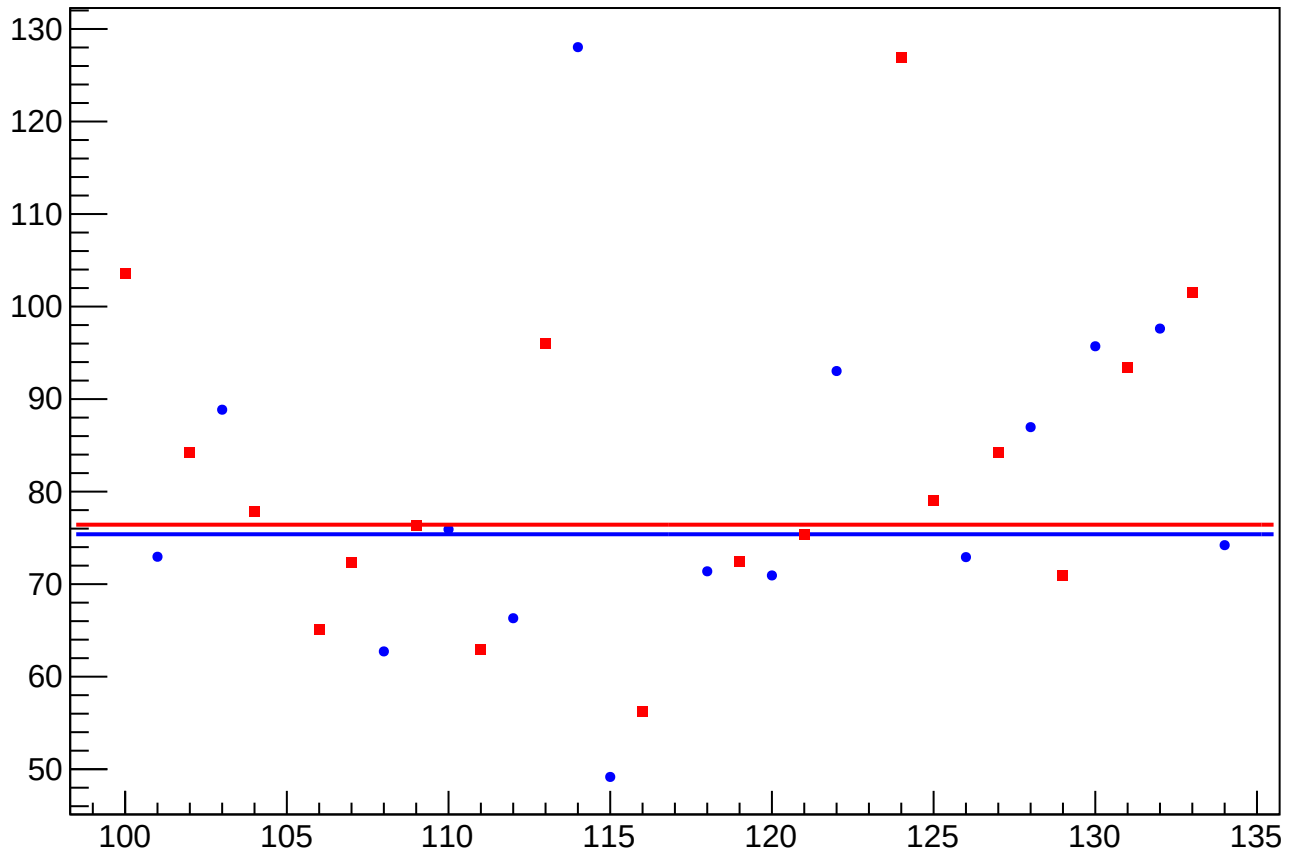
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.001 $\pm$ 0.022 χ^2 /NDF: 38.9/31

- sign 0.000 $\pm$ 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: 76.426+/-0.022 χ^2/NDF : 314604.0/16

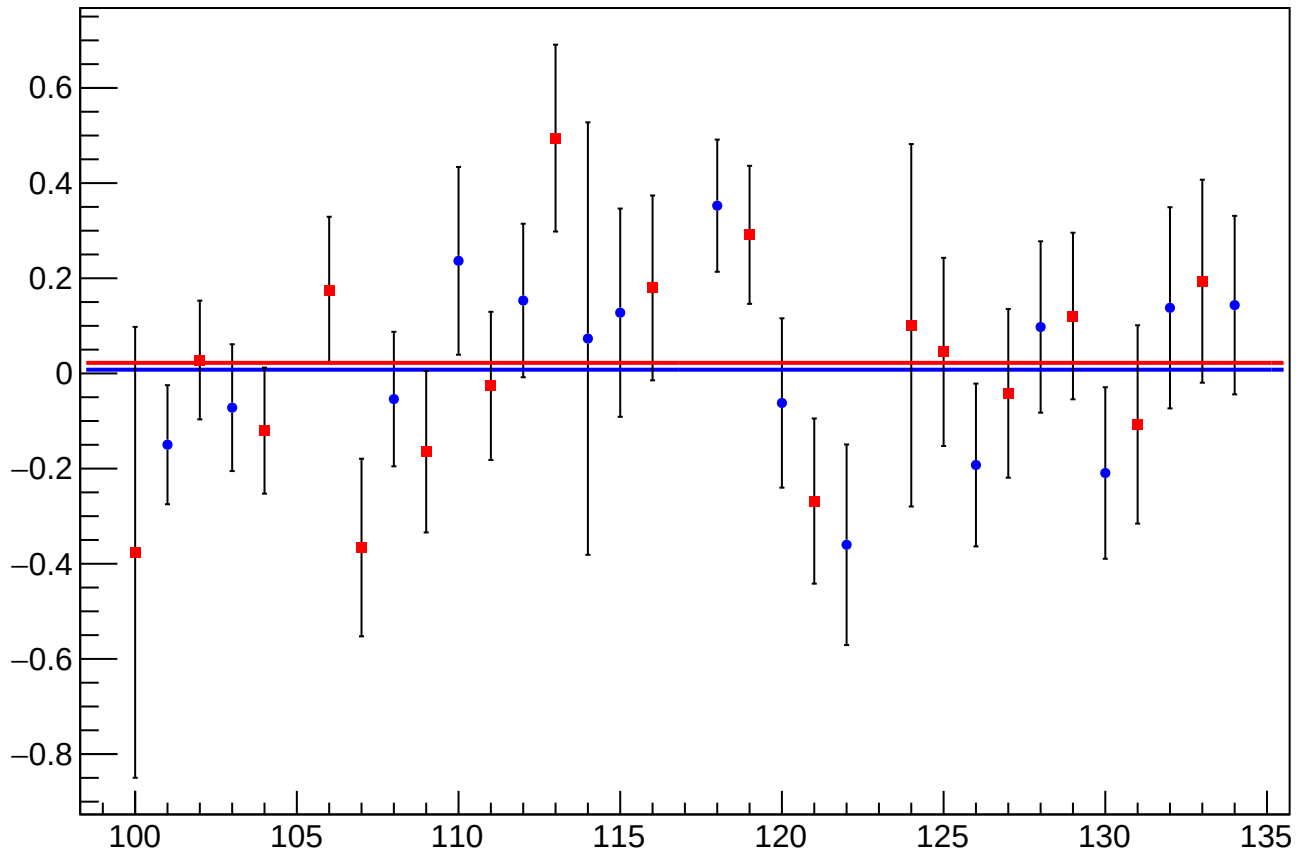
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.919+/-0.016 χ^2/NDF : 645371.0/31

- 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: 0.022 $\pm$ 0.043 χ^2 /NDF: 22.7/16

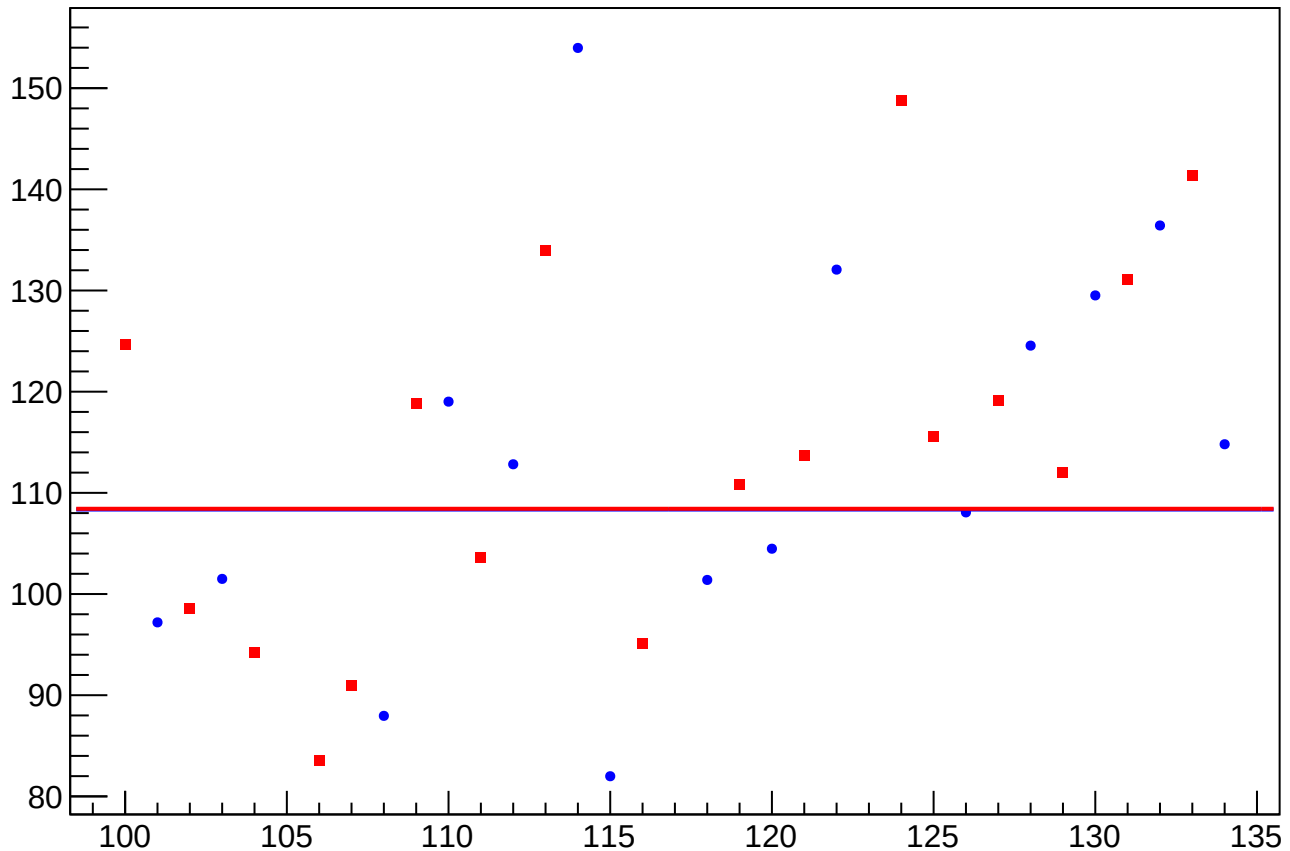
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.015 $\pm$ 0.031 χ^2 /NDF: 40.7/31

- 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 $\pm$ 0.031 χ^2 /NDF: 232059.9/14

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

Right Out: 108.427 $\pm$ 0.030 χ^2 /NDF: 267595.8/16

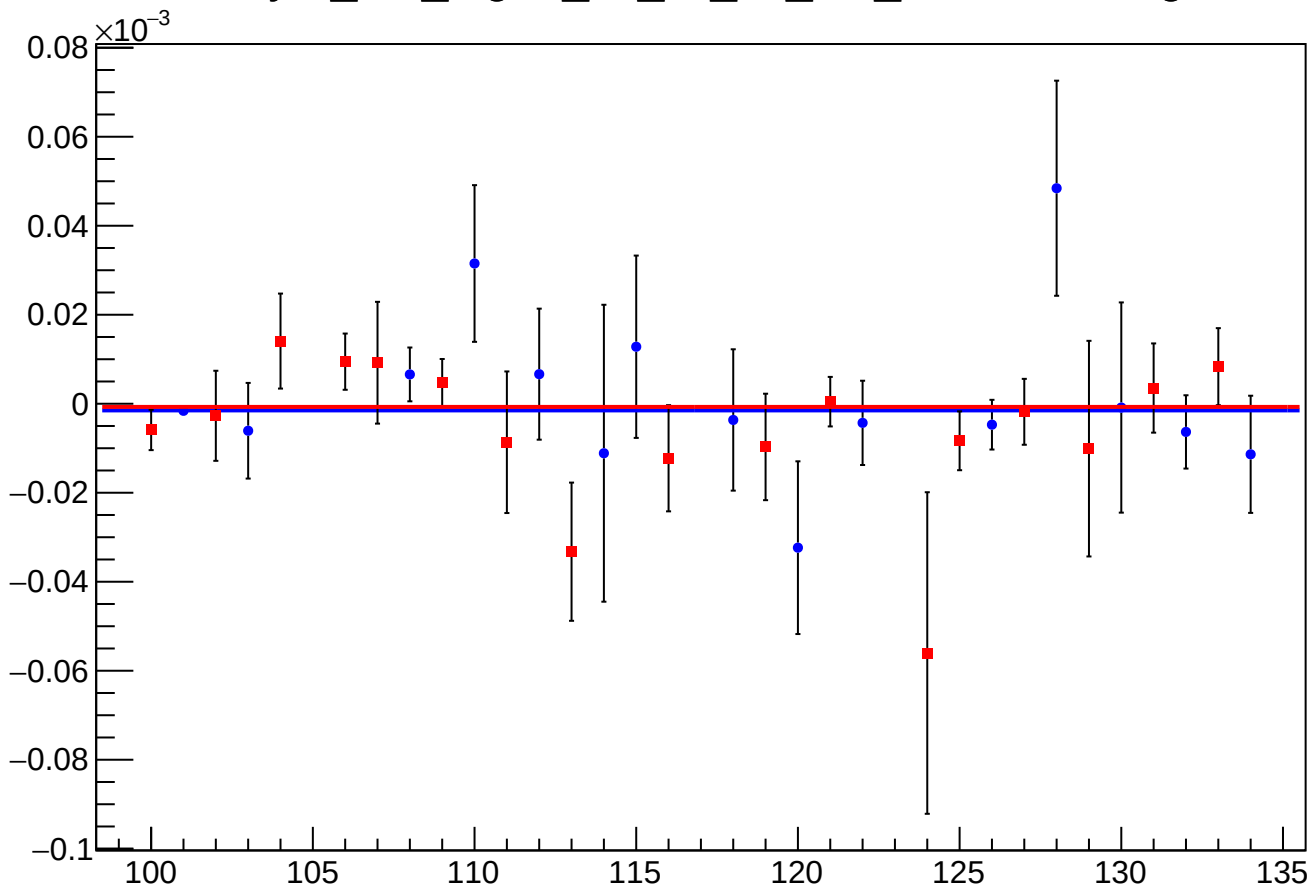
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 108.391 $\pm$ 0.022 χ^2 /NDF: 499658.7/31

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

asym_usr_eigen_dit_vs_dit_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: 18.7/16

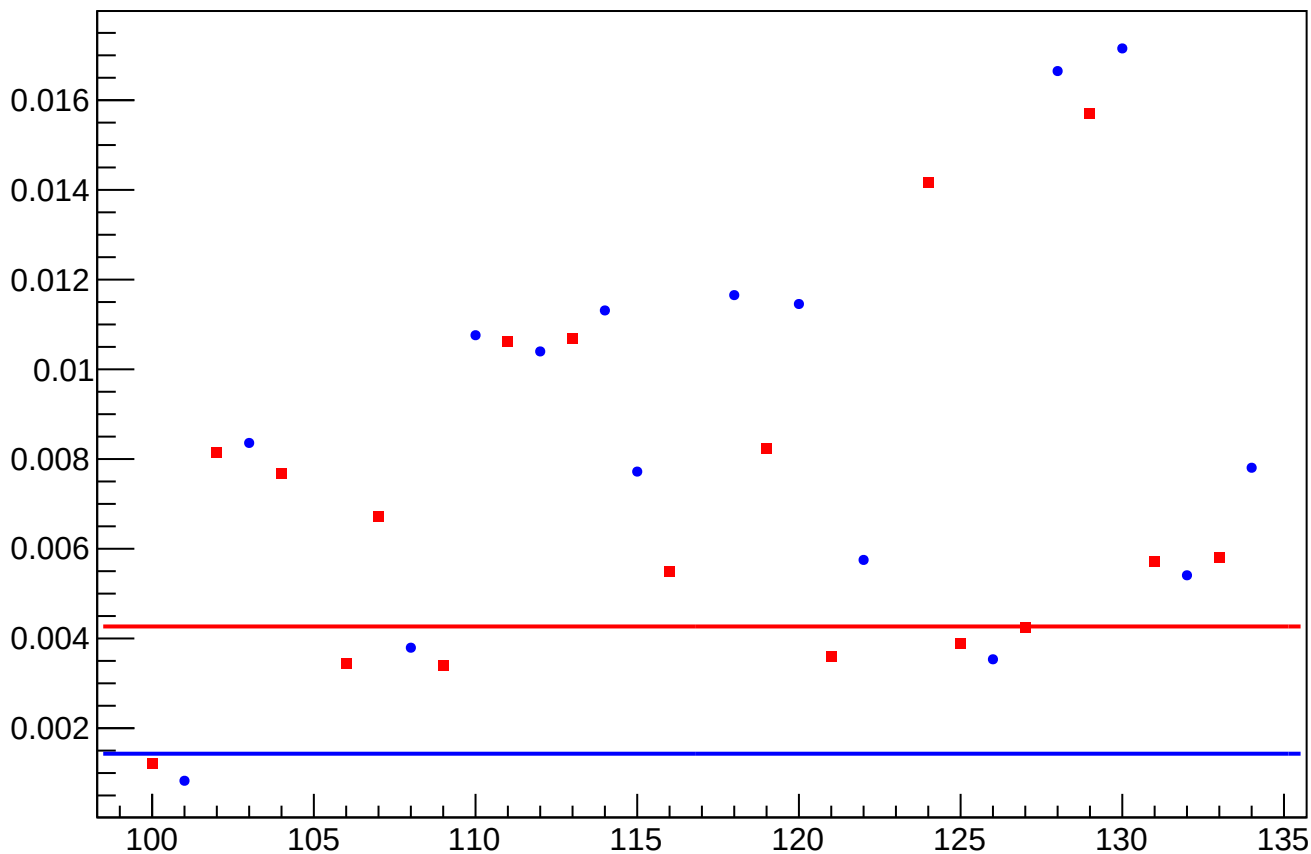
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 33.4/31

- sign 0.000 $\pm$ 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 : 3192946.7/16

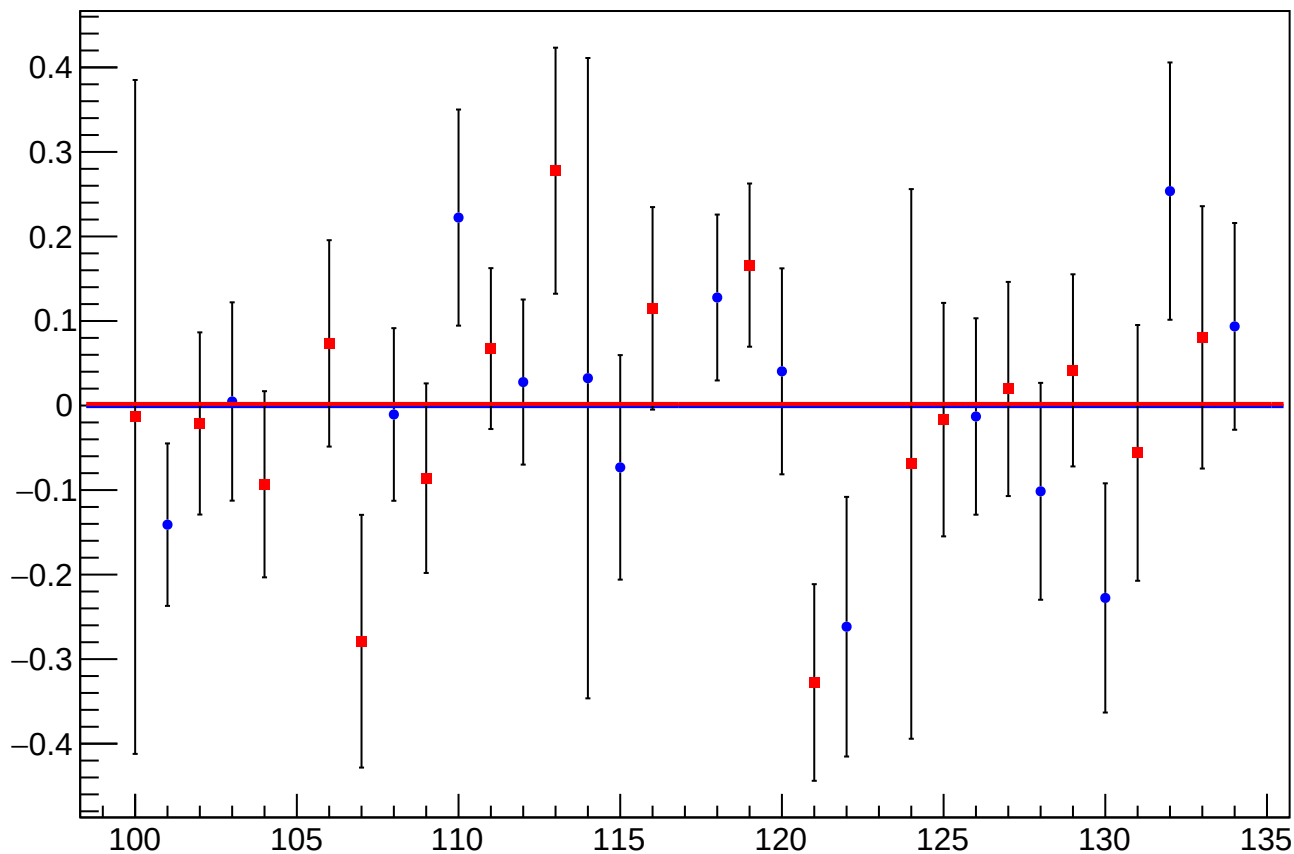
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 14629926.2/31

- 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: 0.002 ± 0.031 χ^2/NDF : 21.8/16

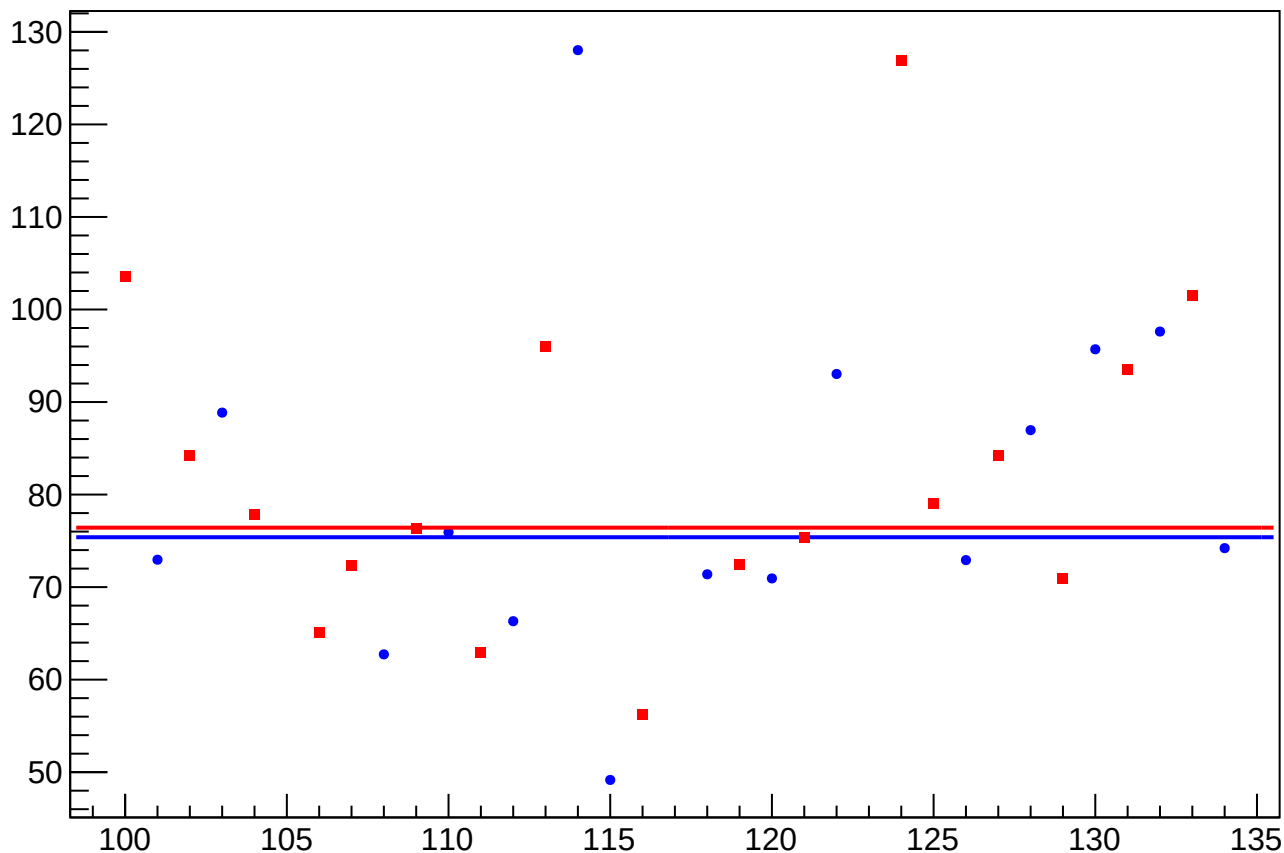
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.022 χ^2/NDF : 38.9/31

- 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: 76.424 $\pm$ 0.022 χ^2 /NDF: 314595.6/16

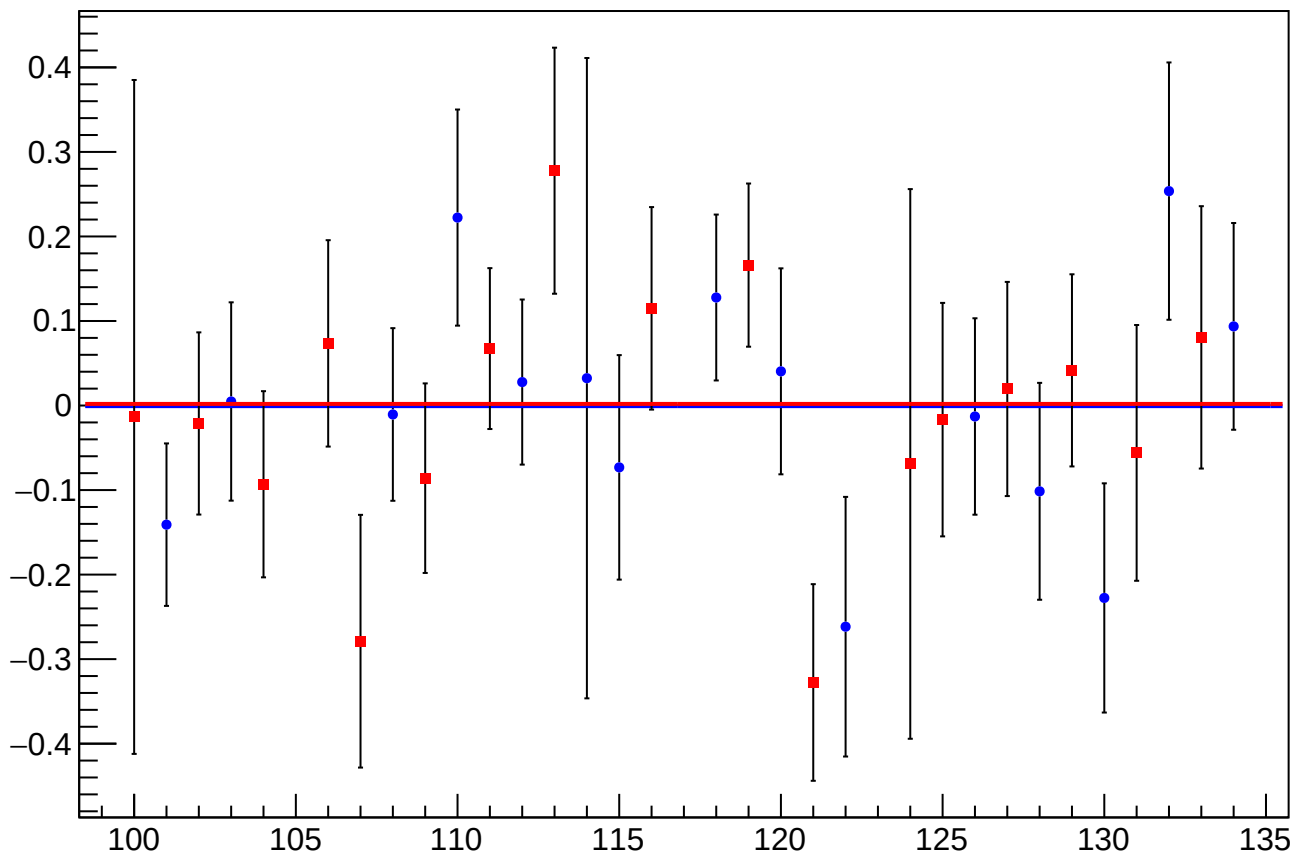
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 75.917 $\pm$ 0.015 χ^2 /NDF: 645339.0/31

- 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: 0.002 ± 0.031 χ^2/NDF : 21.8/16

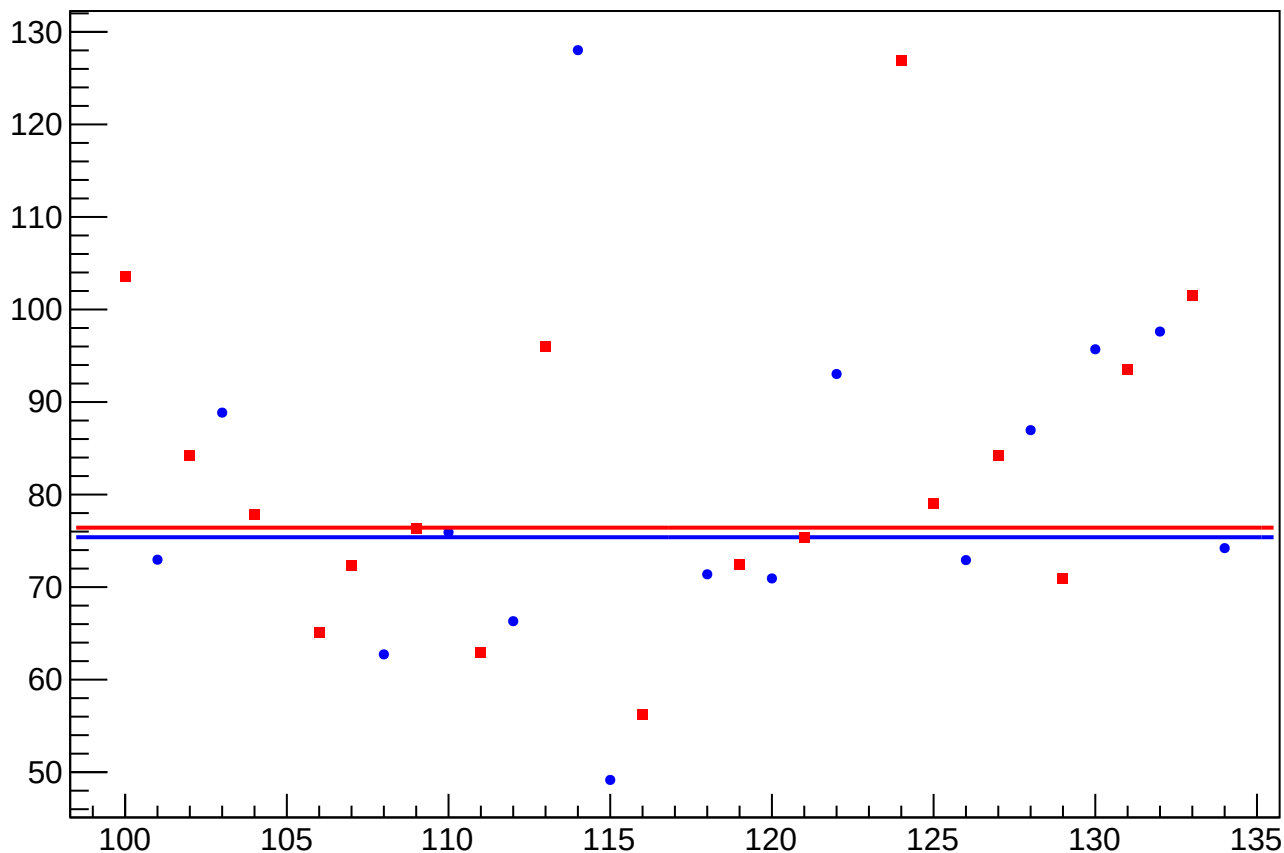
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.022 χ^2/NDF : 38.9/31

- 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+/-0.022 χ^2/NDF : 329630.2/14

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

Right Out: 76.424+/-0.022 χ^2/NDF : 314595.6/16

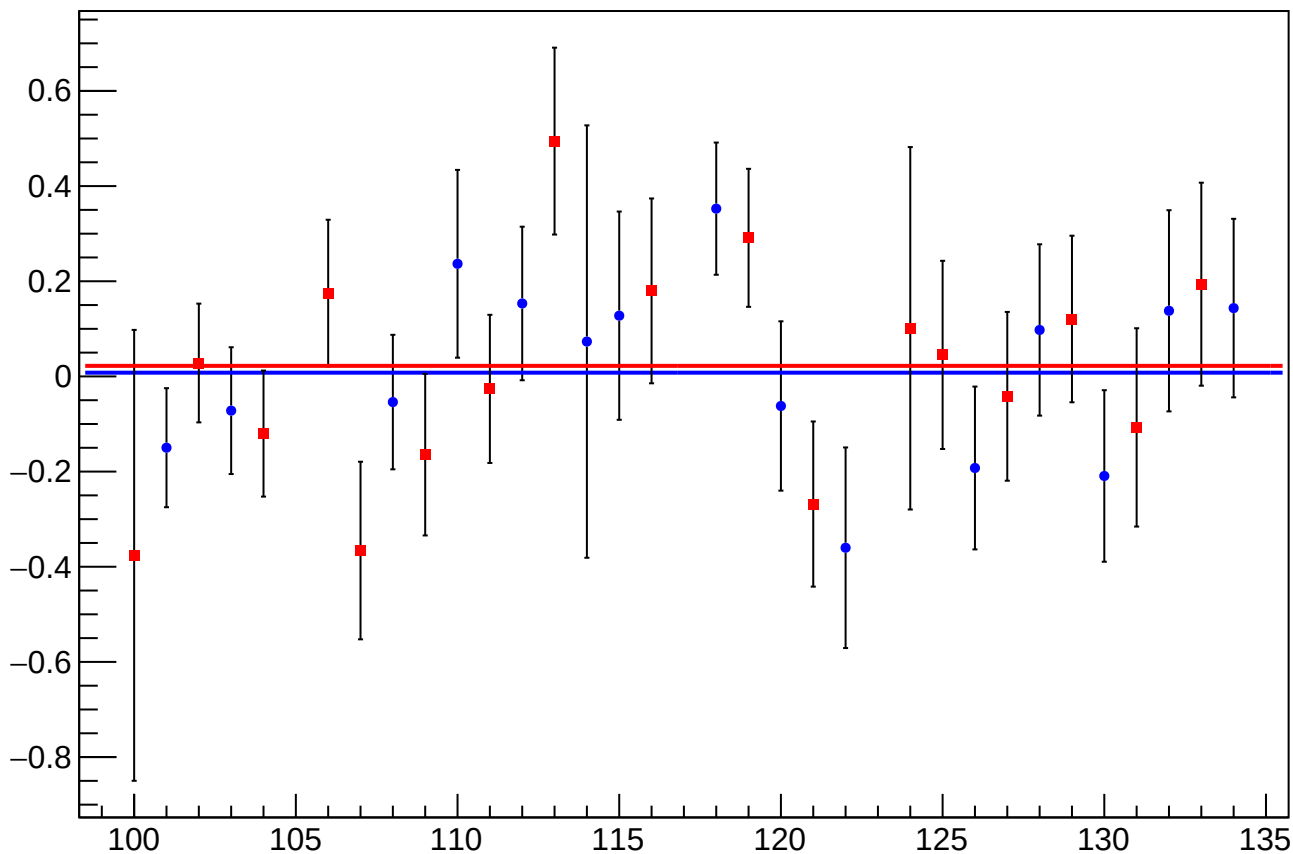
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.917+/-0.015 χ^2/NDF : 645339.0/31

- sign 0.000+/-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: 0.022 $\pm$ 0.043 χ^2 /NDF: 22.7/16

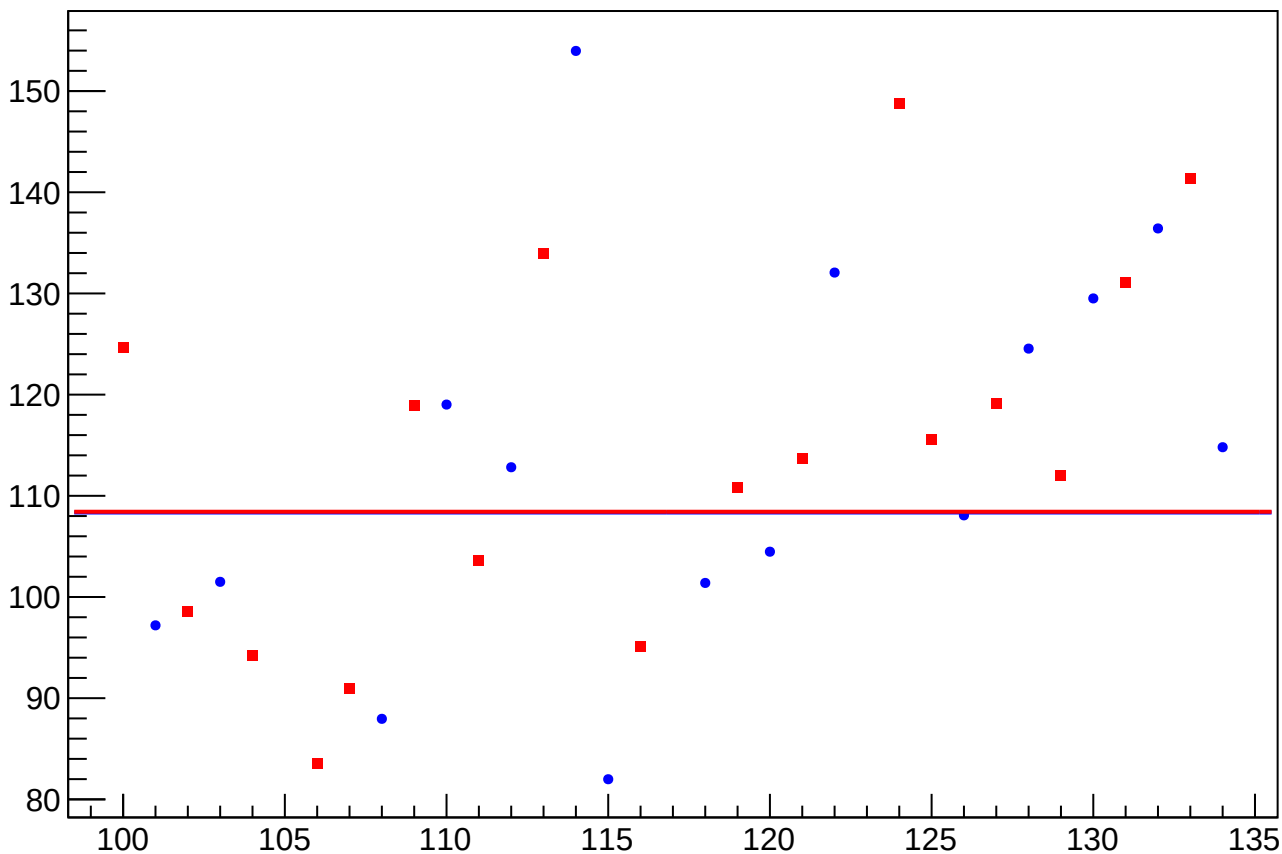
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.015 $\pm$ 0.031 χ^2 /NDF: 40.7/31

- 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: 108.426+/-0.030 χ^2/NDF : 267565.3/16

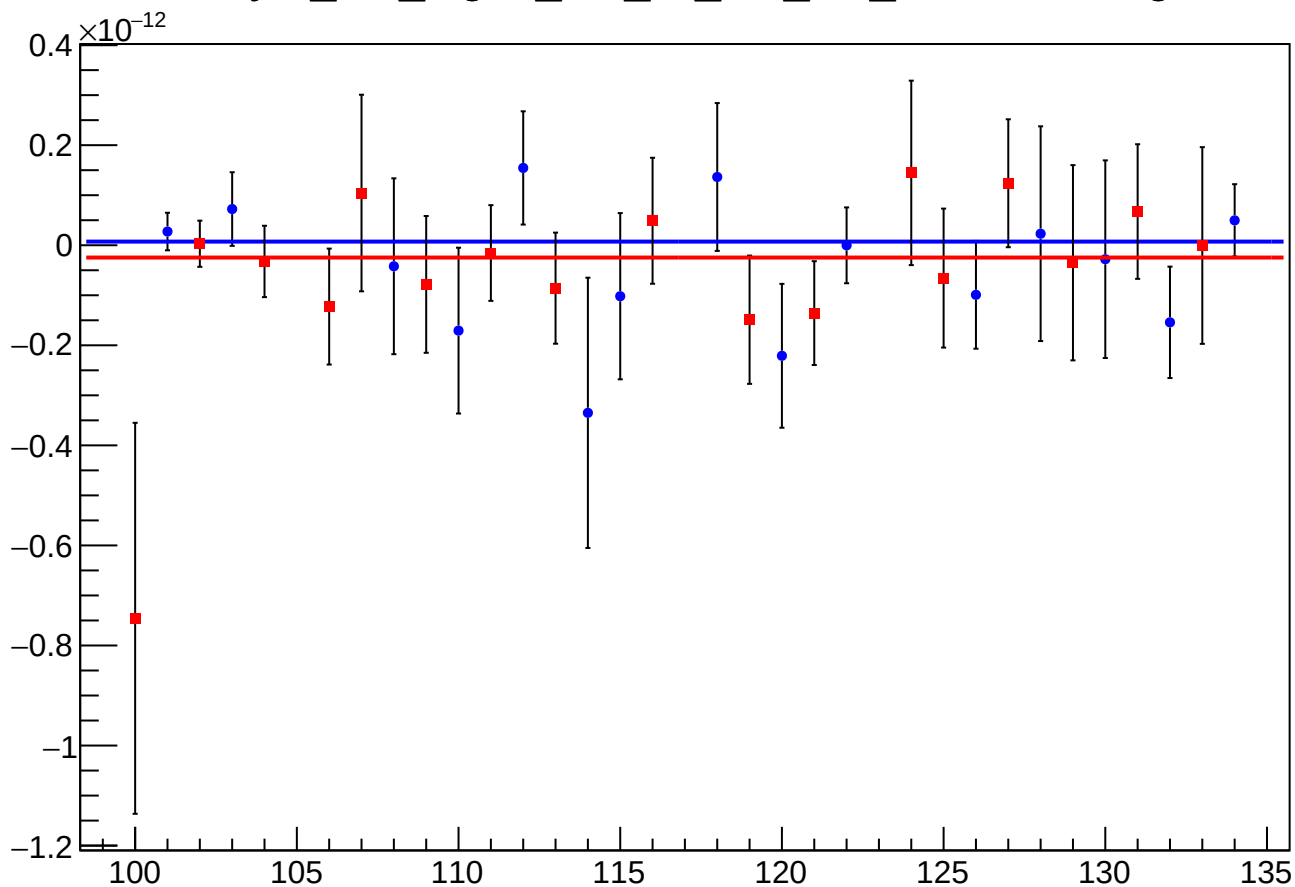
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.390+/-0.022 χ^2/NDF : 499599.5/31

- 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: 10.6/16

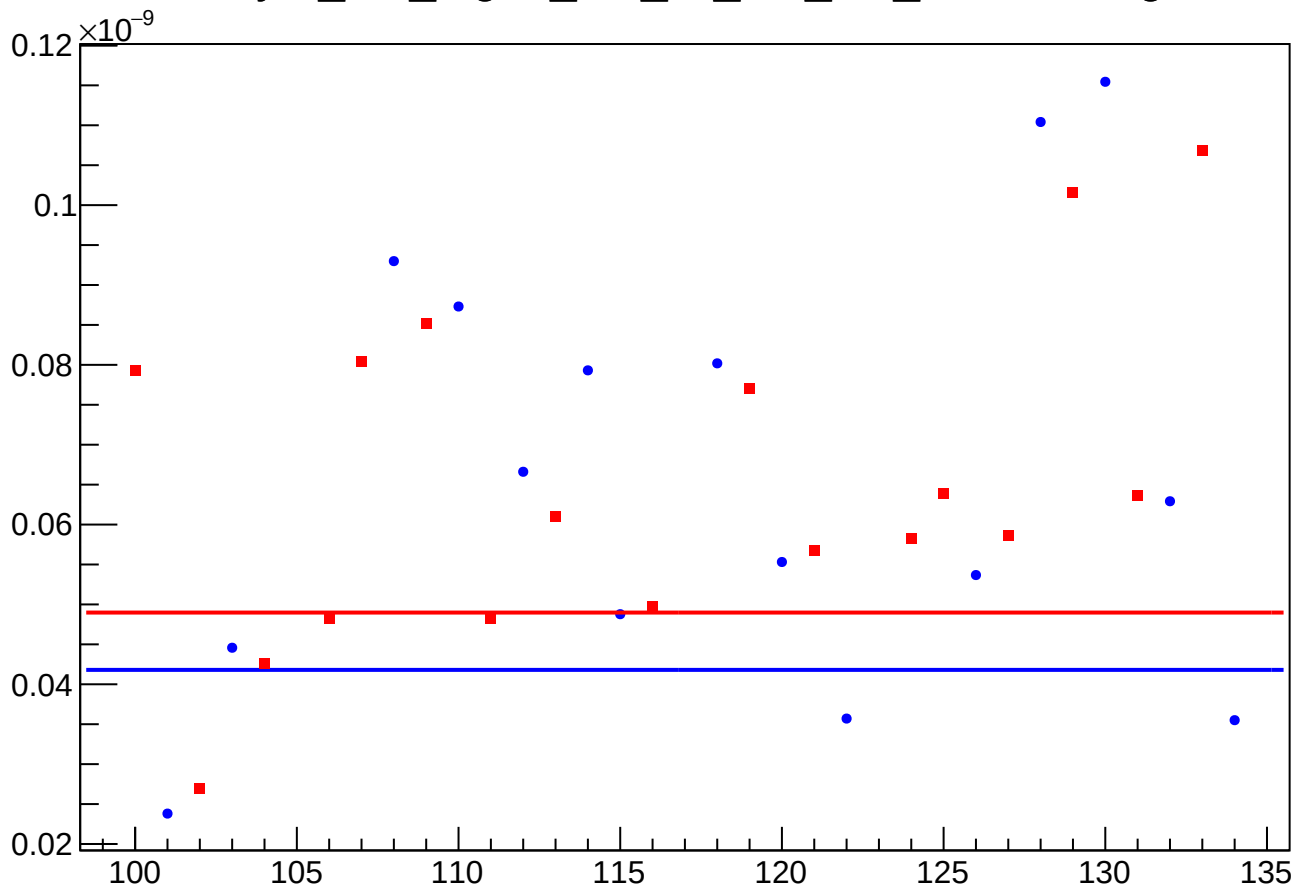
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 24.2/31

- 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+/-0.000 χ^2/NDF : 1680945.1/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1188299.6/16

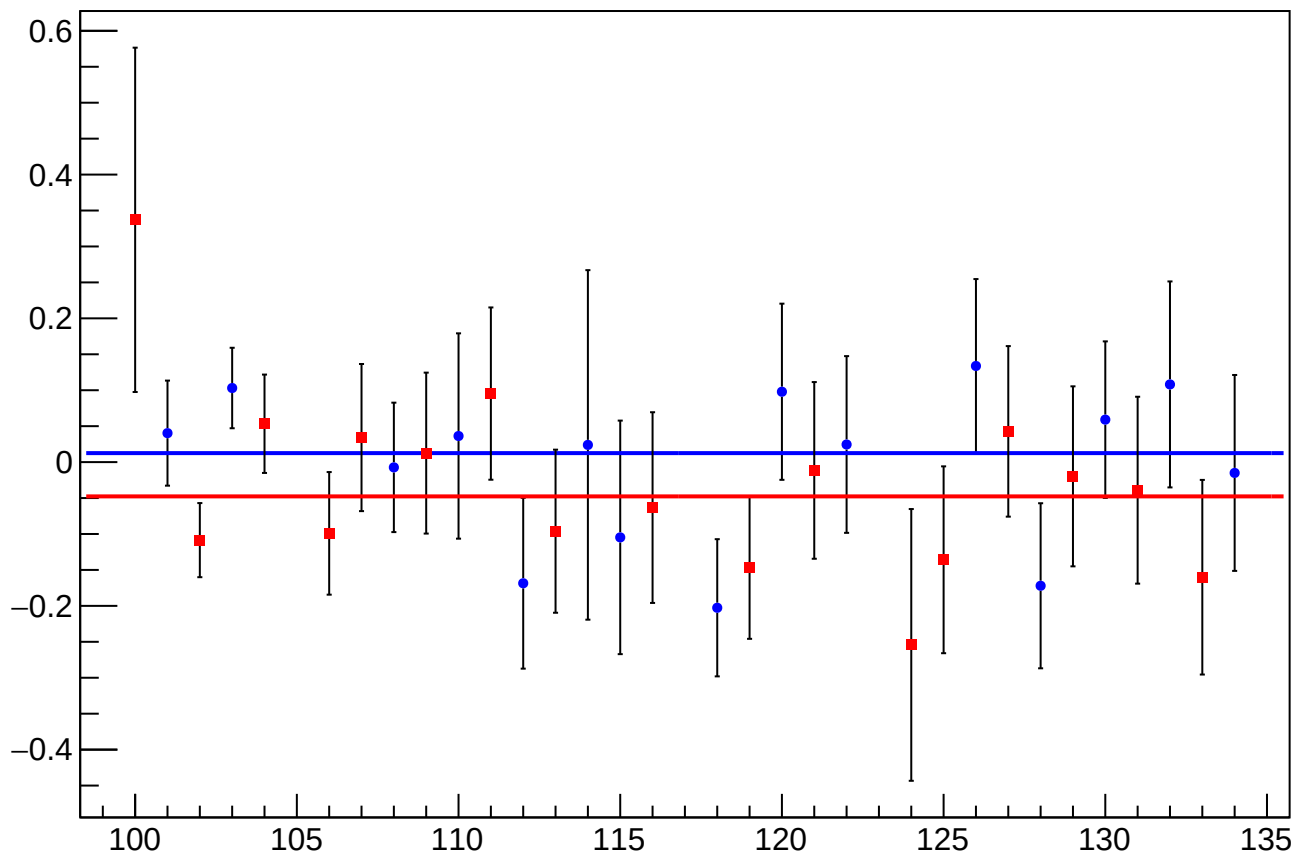
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2952310.1/31

- sign 0.000+/-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: -0.048 $\pm$ 0.025 χ^2 /NDF: 13.2/16

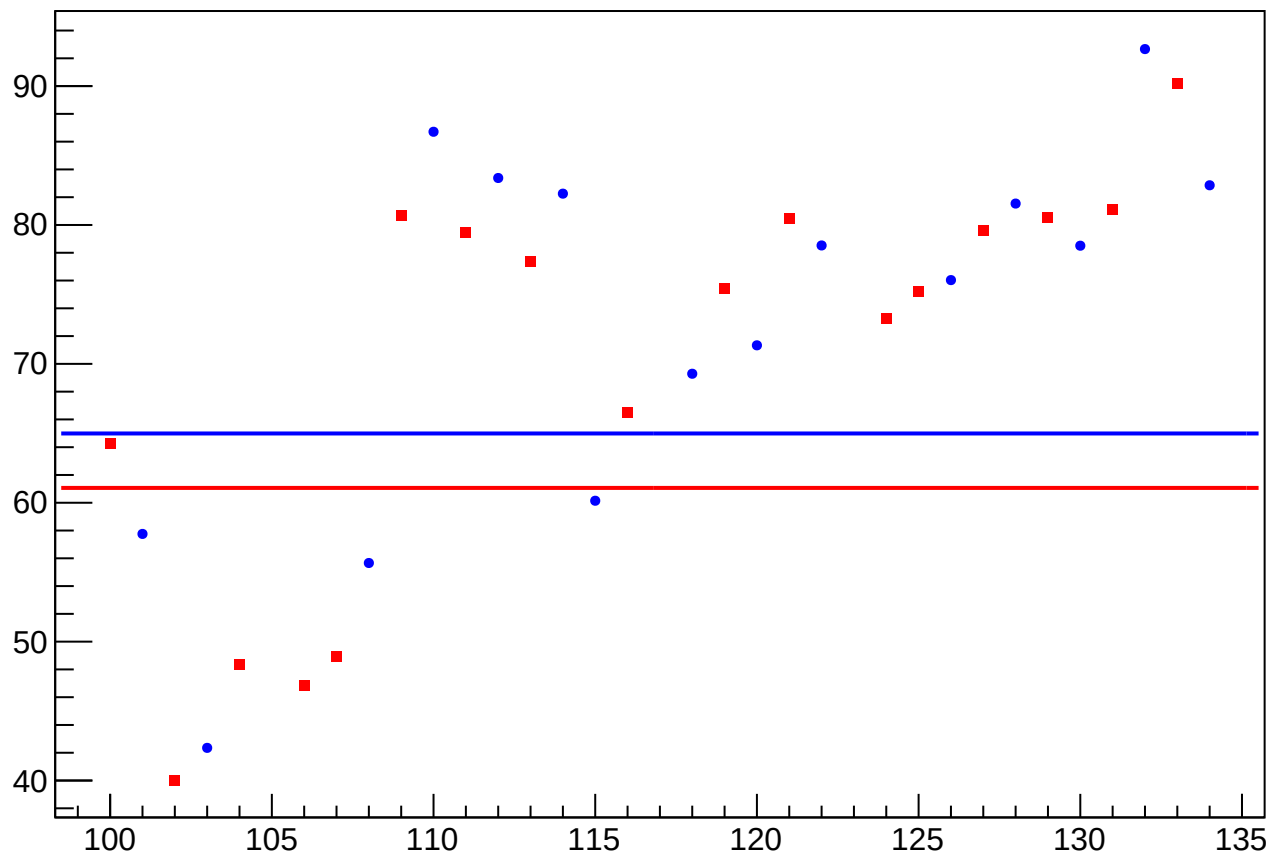
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.020 $\pm$ 0.018 χ^2 /NDF: 31.4/31

- 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: 61.069+/-0.018 χ^2/NDF : 100223.9/16

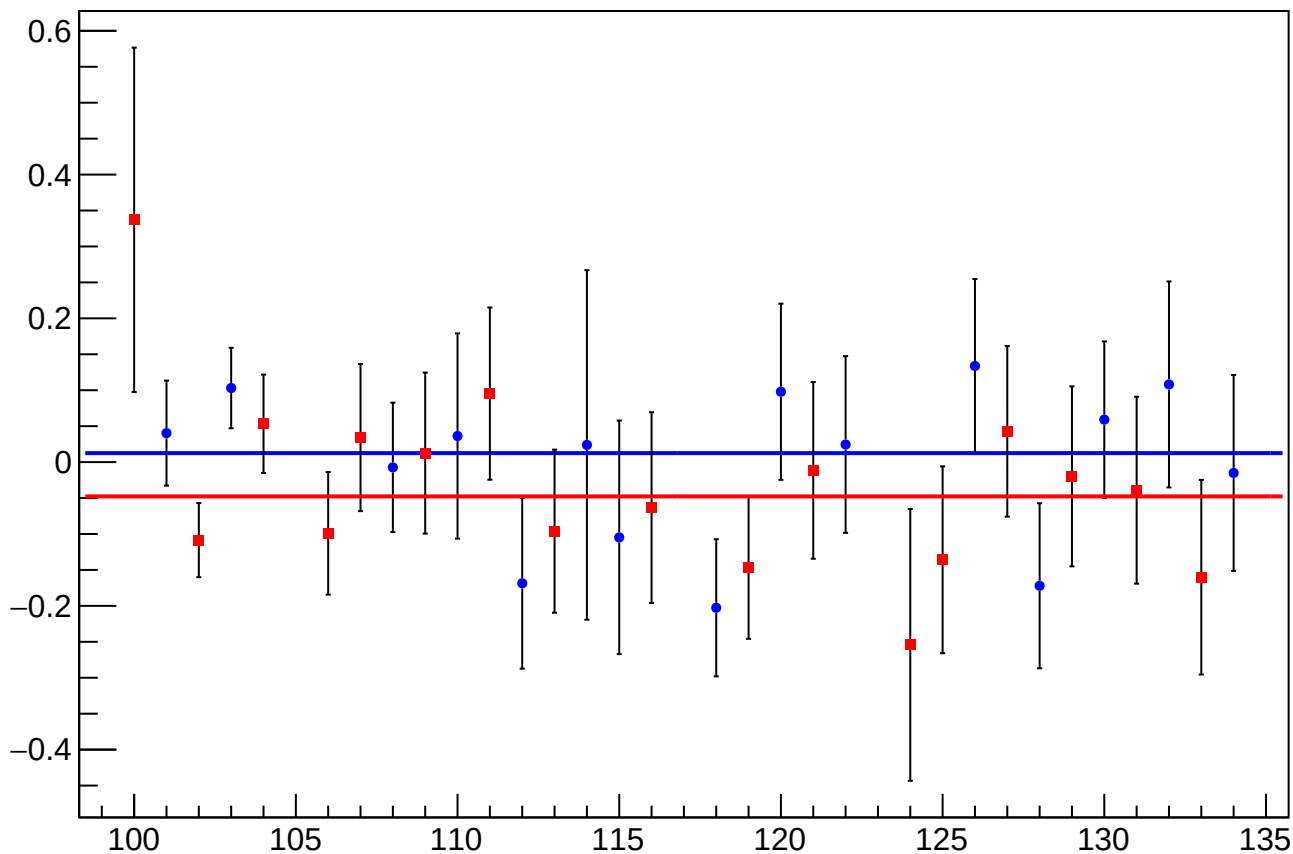
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.865+/-0.013 χ^2/NDF : 1731151.8/31

- 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: -0.048 $\pm$ 0.025 χ^2 /NDF: 13.2/16

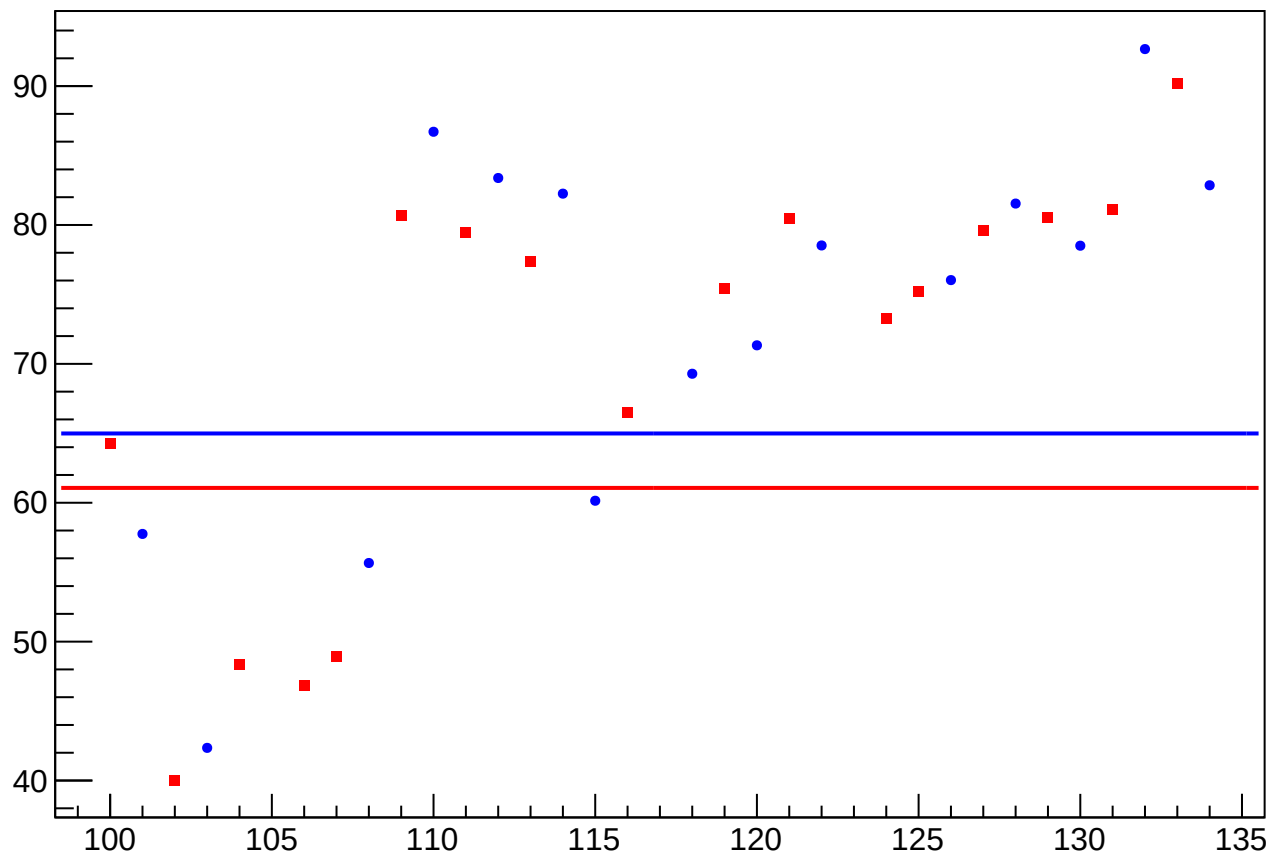
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.020 $\pm$ 0.018 χ^2 /NDF: 31.4/31

- 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: 61.069+/-0.018 χ^2/NDF : 100223.9/16

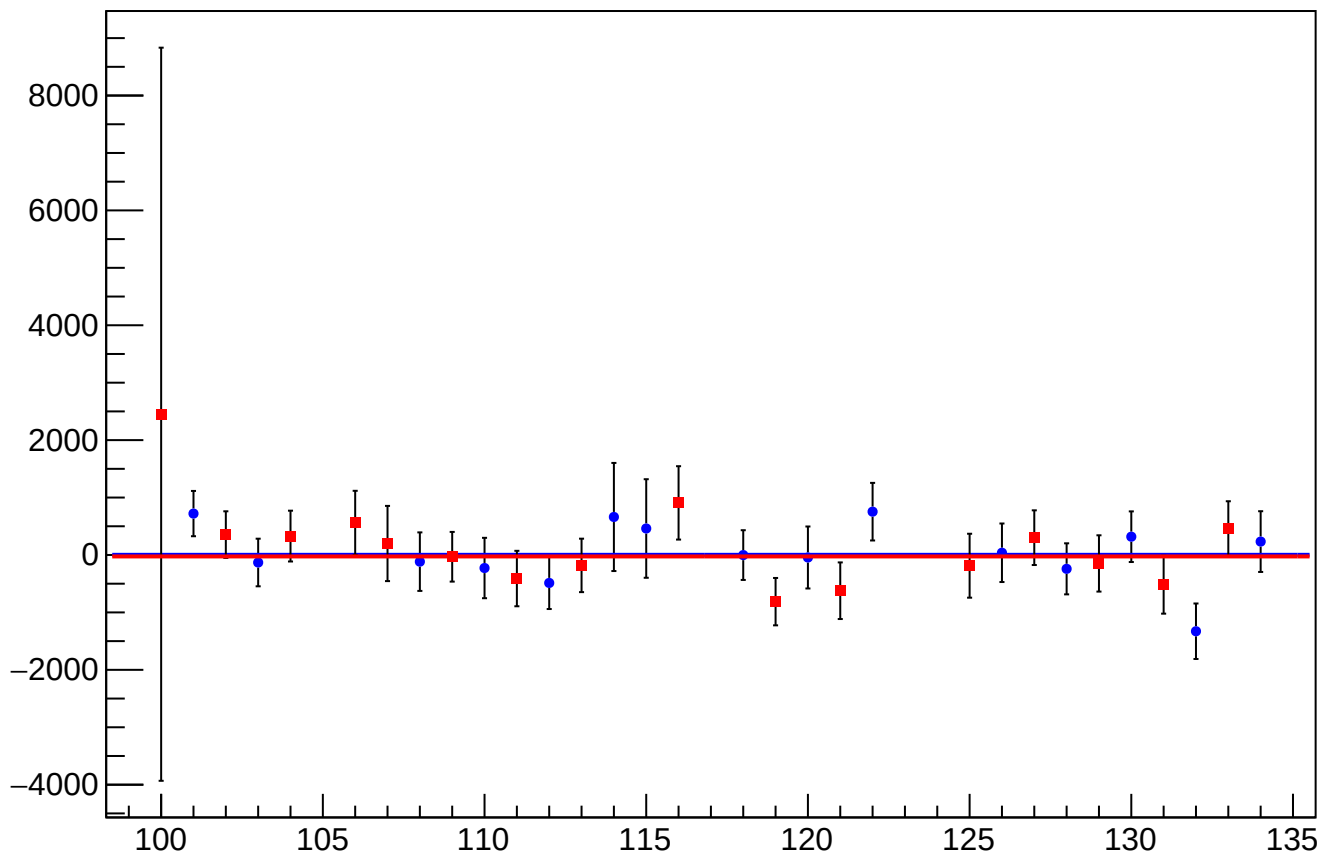
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.865+/-0.013 χ^2/NDF : 1731151.8/31

- 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: -25.376+/-125.396 χ^2/NDF : 13.5/15

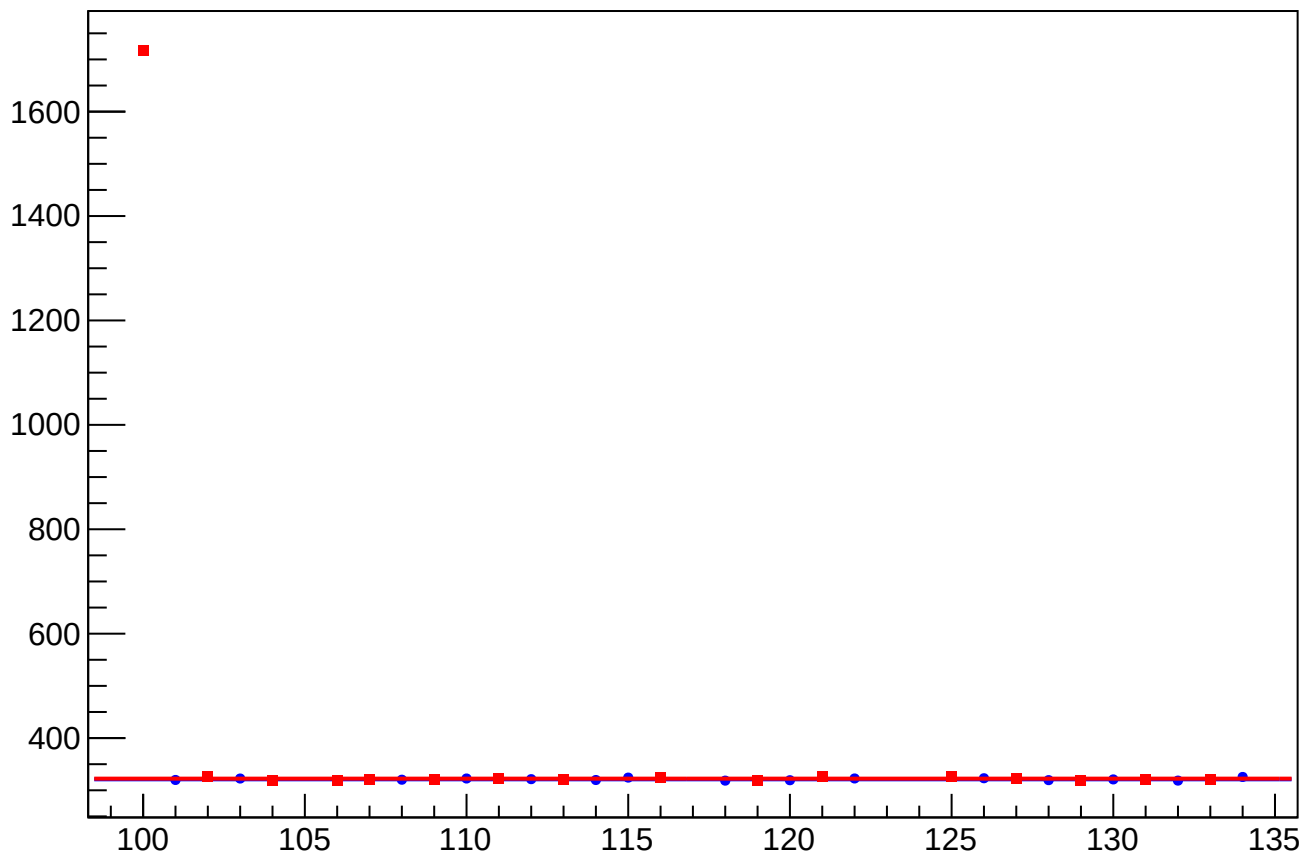
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.590+/-89.330 χ^2/NDF : 30.0/30

- 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: 322.322 $\pm$ 0.089 χ^2 /NDF: 96820.2/15

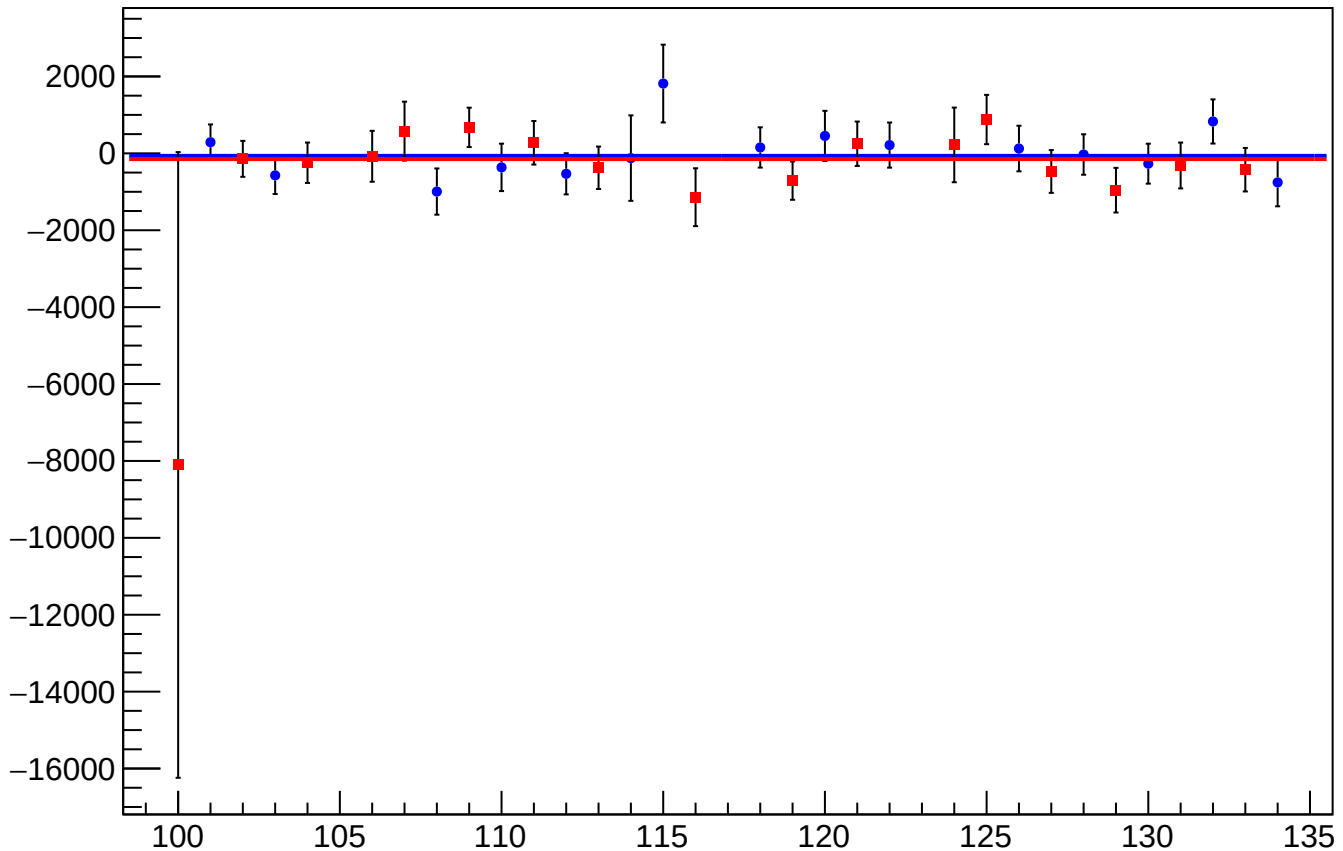
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 321.680 $\pm$ 0.063 χ^2 /NDF: 97394.7/30

- 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: -149.239 ± 146.119 χ^2/NDF : 14.0/16

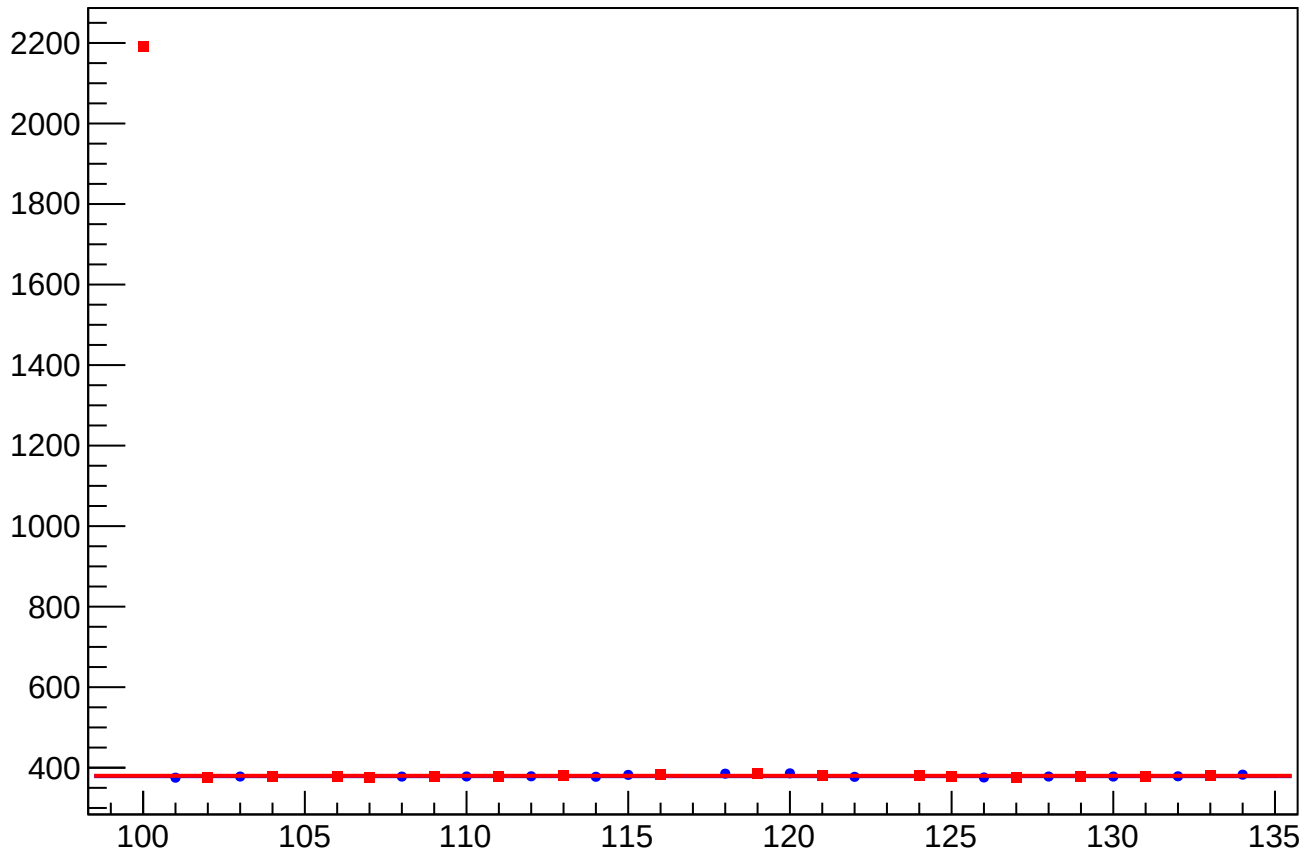
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -108.655 ± 104.768 χ^2/NDF : 27.6/31

- 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: 379.888 $\pm$ 0.103 χ^2 /NDF: 99579.5/16

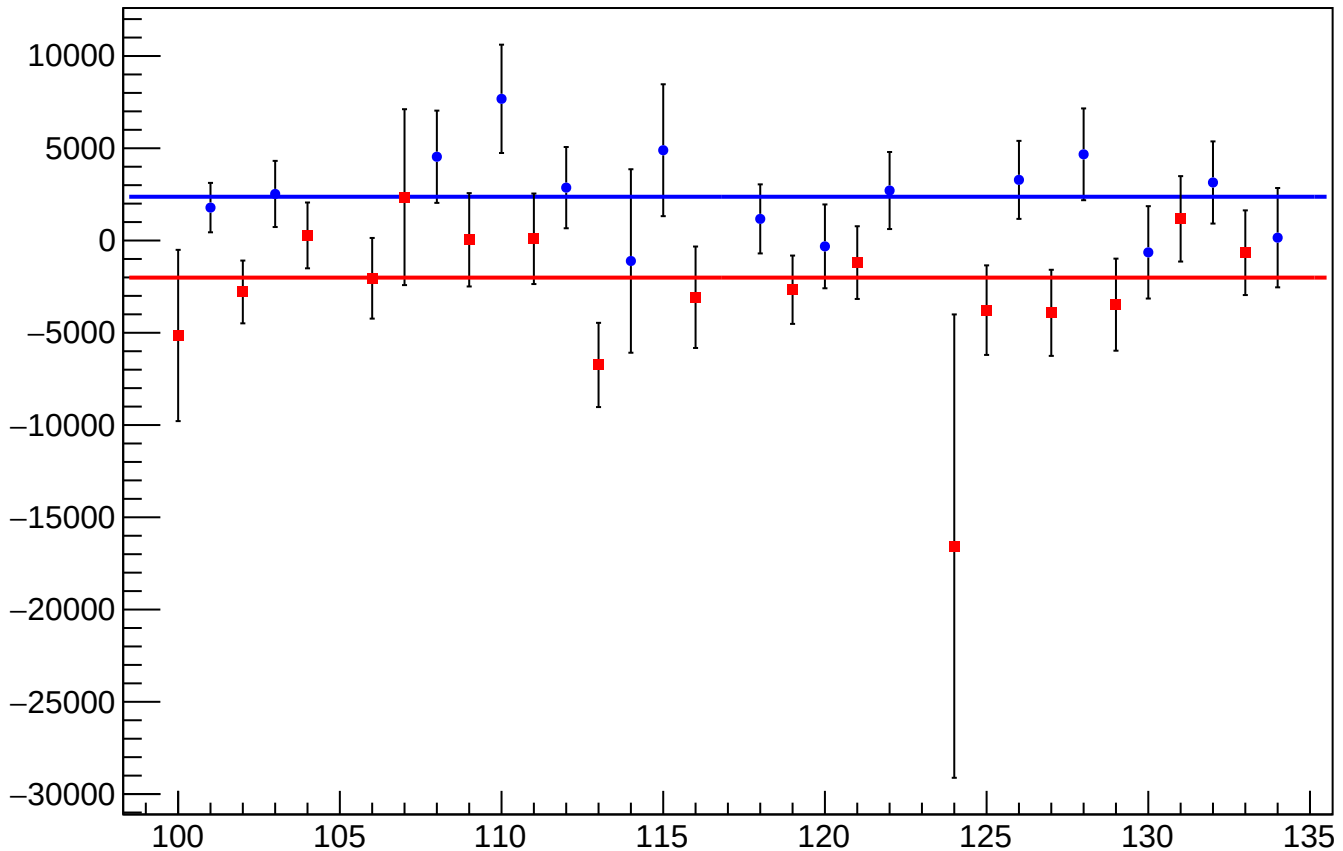
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 379.466 $\pm$ 0.074 χ^2 /NDF: 100456.4/31

- 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: -2010.087 $\pm$ 572.334 χ^2 /NDF: 14.4/16

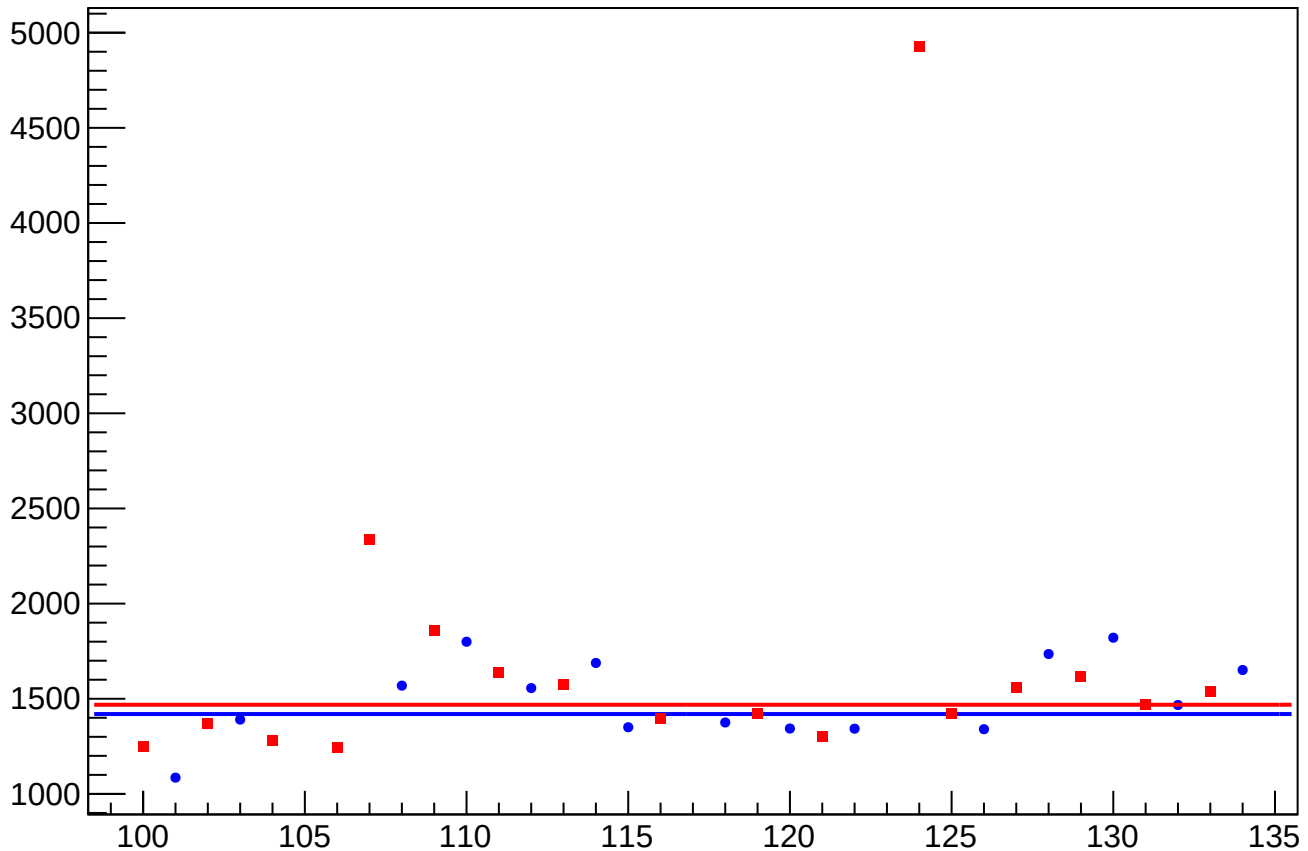
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 184.678 $\pm$ 404.364 χ^2 /NDF: 54.2/31

- 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

Right Out: 1468.526+/-0.405 χ^2/NDF : 364207.8/16

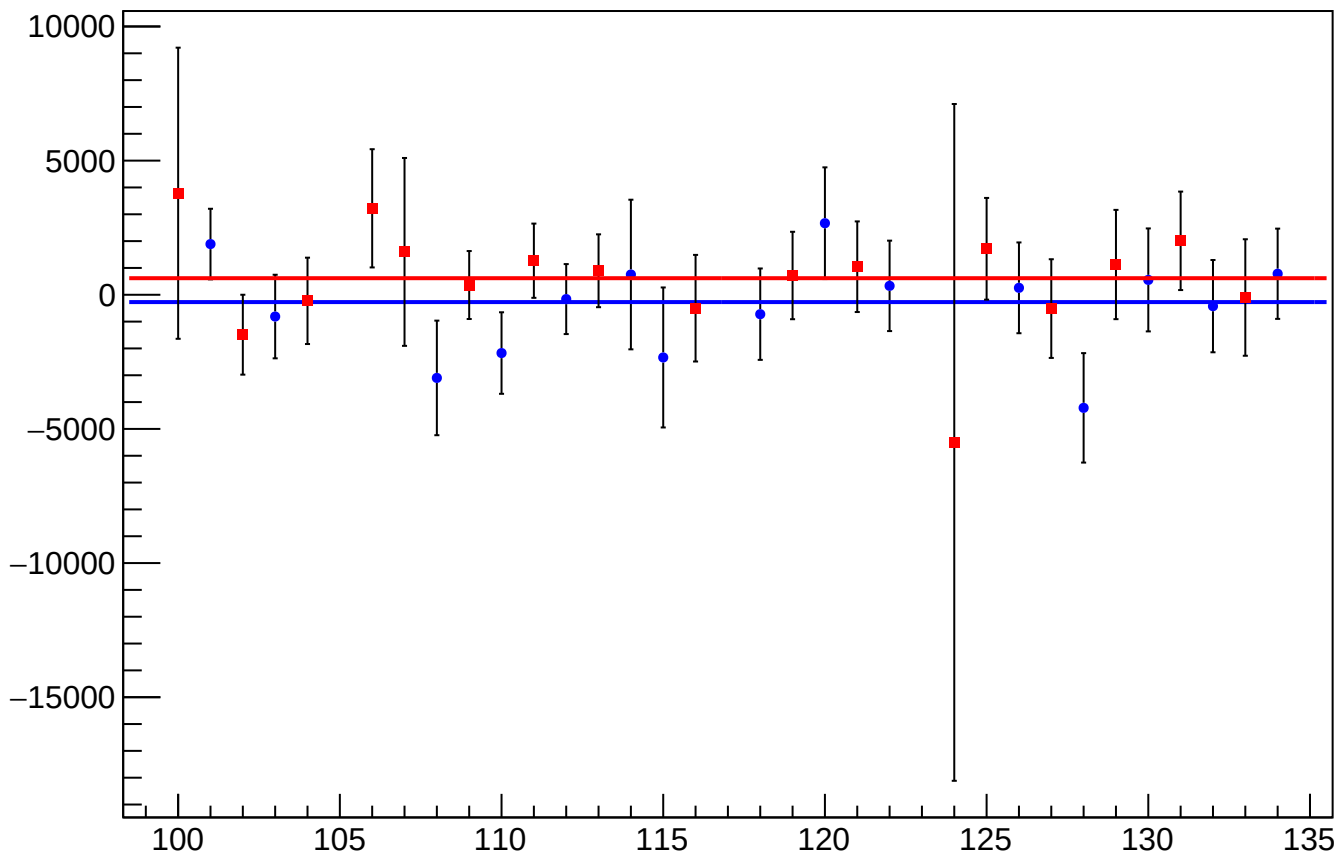
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1444.067+/-0.286 χ^2/NDF : 659521.3/31

- sign 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: 617.872 ± 440.324 χ^2/NDF : 6.5/16

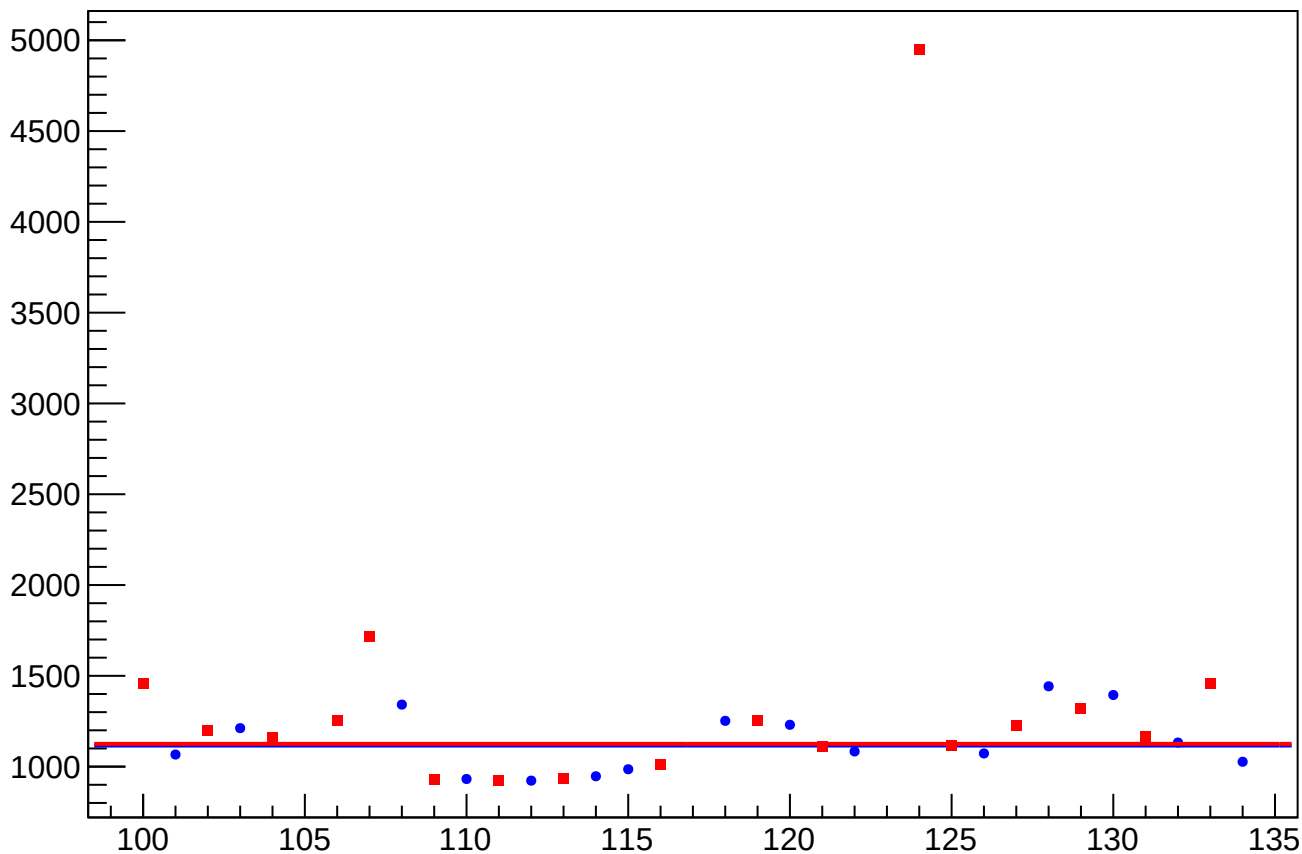
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 180.196 ± 313.981 χ^2/NDF : 22.0/31

- 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: 1125.340 $\pm$ 0.311 χ^2 /NDF: 483606.4/16

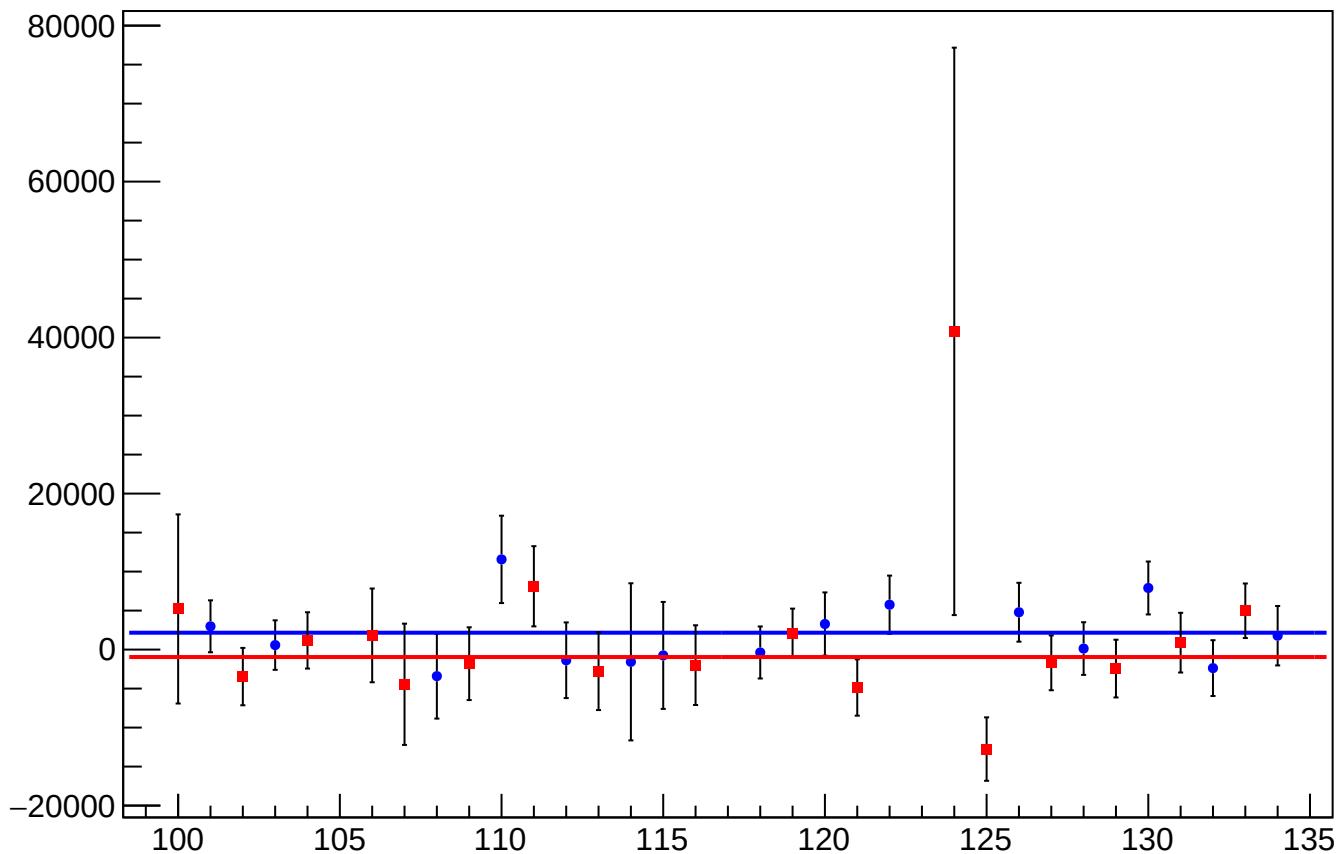
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1120.865 $\pm$ 0.222 χ^2 /NDF: 722270.4/31

- 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: -954.263+/-1049.972 χ^2/NDF : 20.0/16

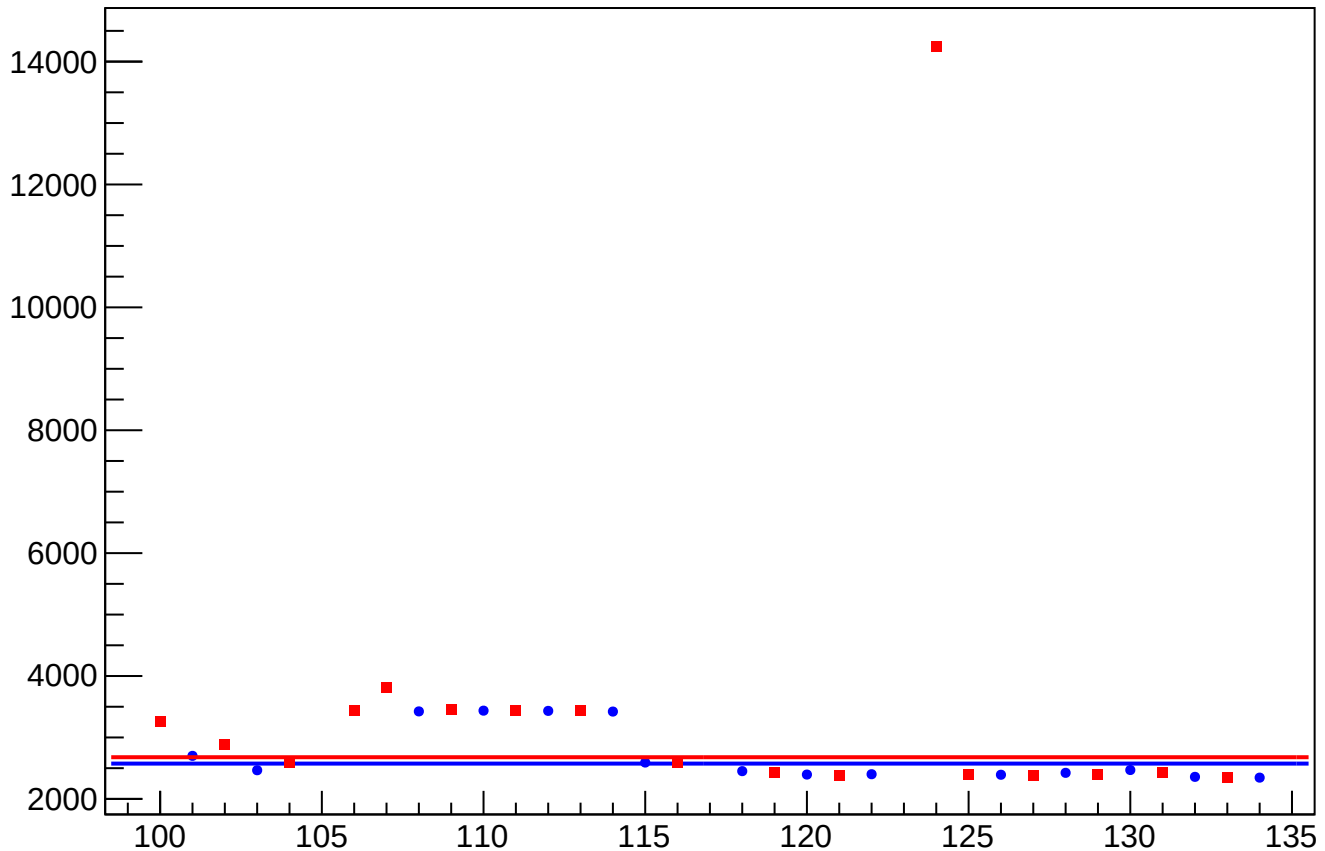
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 634.958+/-735.218 χ^2/NDF : 36.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_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: 2678.337+/-0.742 χ^2/NDF : 520661.6/16

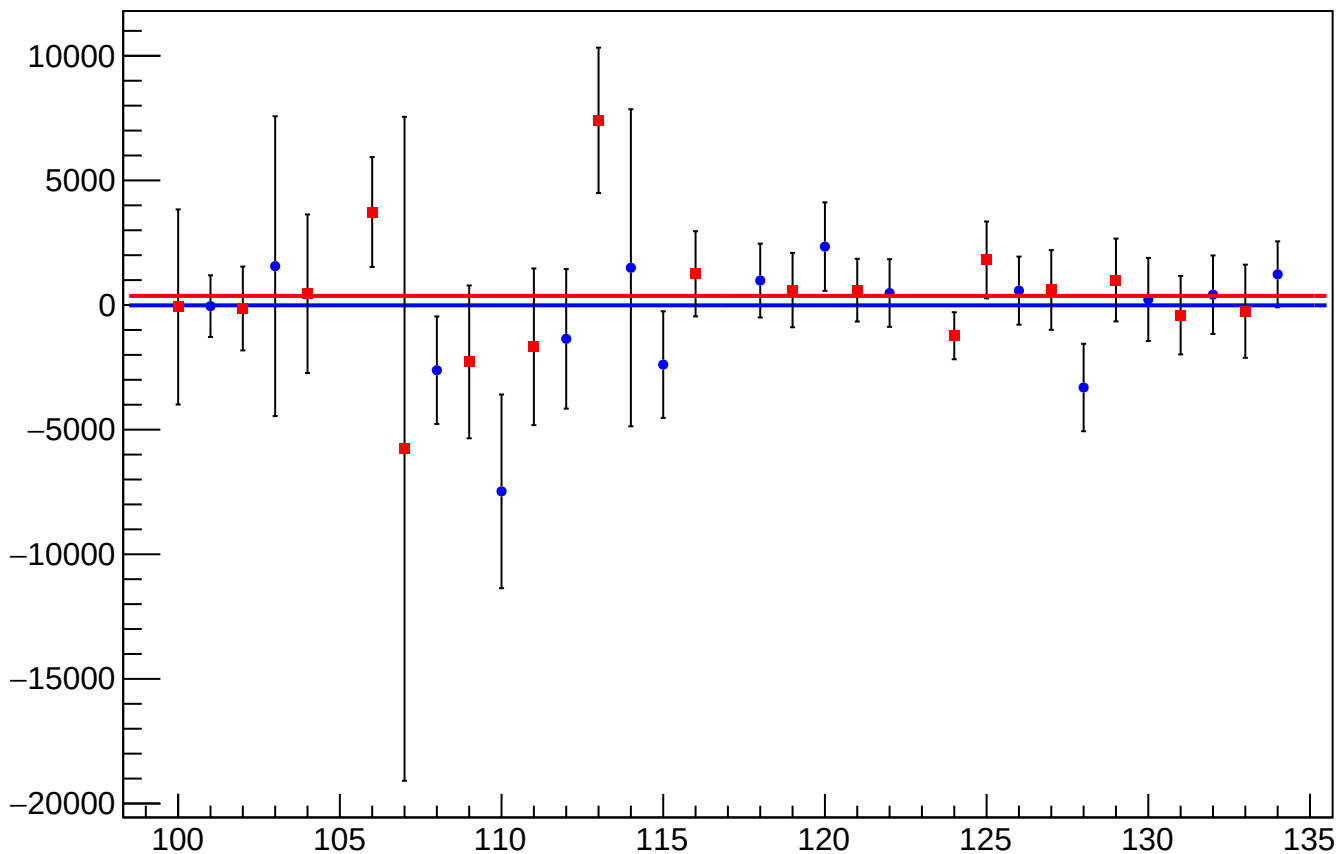
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2625.486+/-0.520 χ^2/NDF : 744292.3/31

- sign 0.000+/-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: 366.577 ± 427.790 χ^2/NDF : 14.2/16

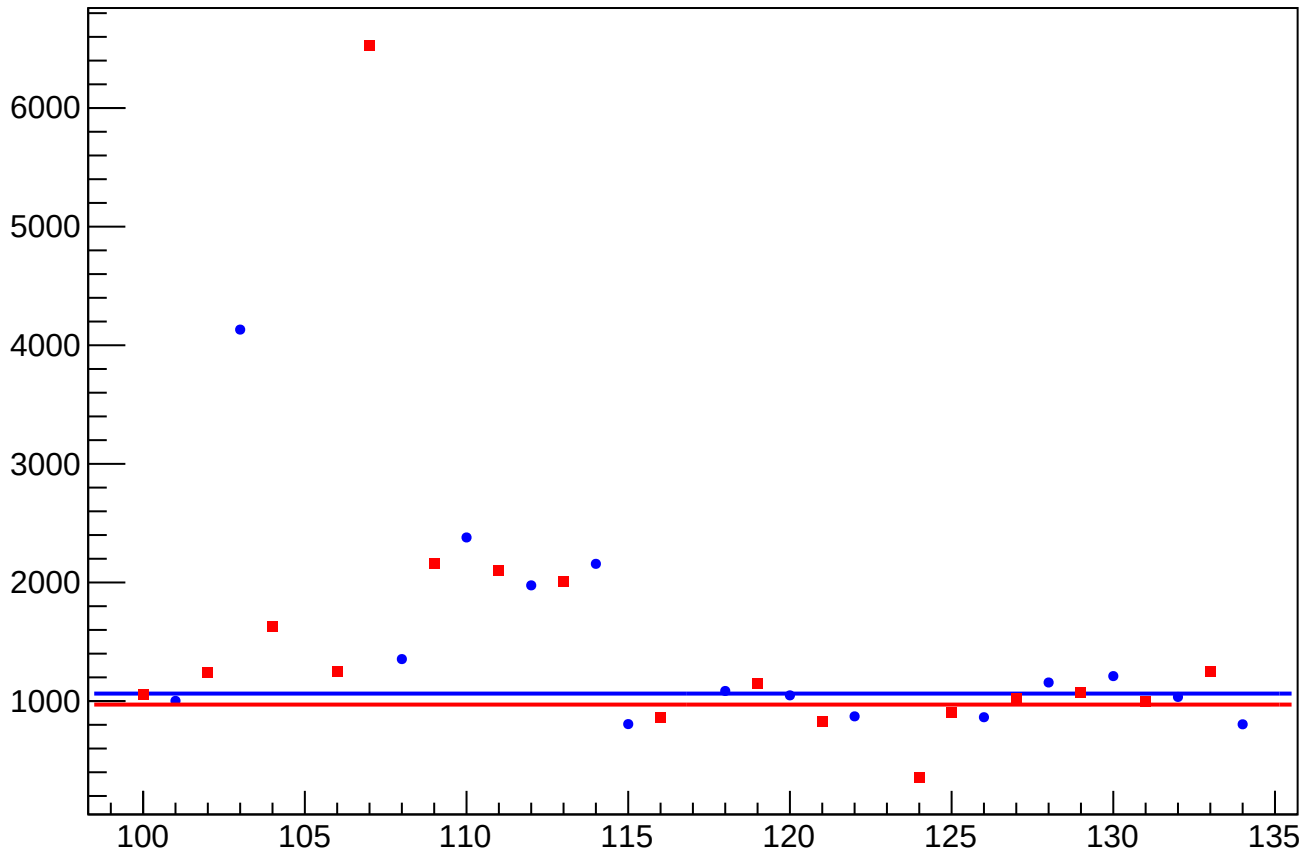
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 188.496 ± 311.485 χ^2/NDF : 28.4/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1_reg_correction_rms vs Slug



Right In: 1063.288 $\pm$ 0.321 χ^2 /NDF: 1273298.4/14

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

Right Out: 970.514 $\pm$ 0.302 χ^2 /NDF: 2306090.4/16

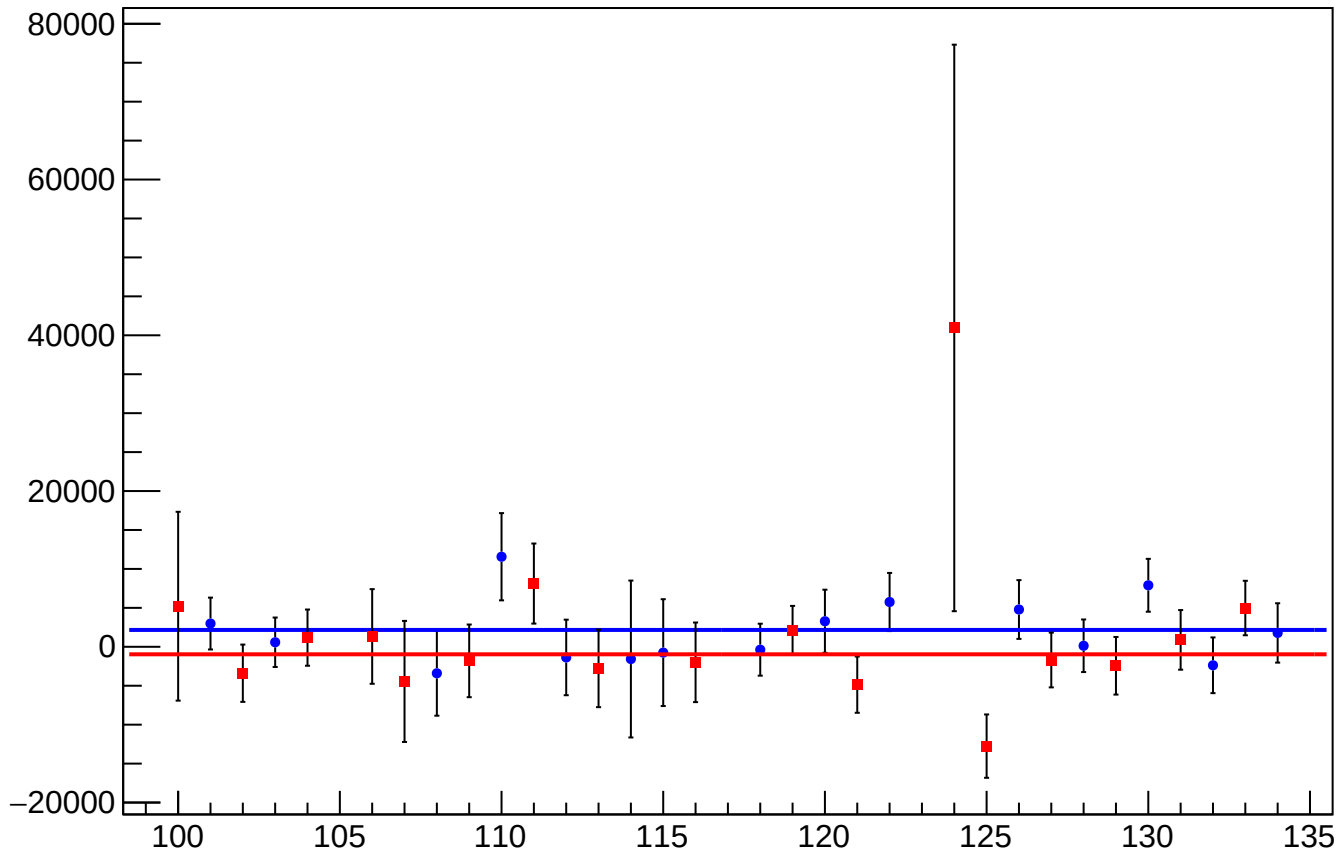
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1014.103 $\pm$ 0.220 χ^2 /NDF: 3623583.3/31

- sign 0.000 $\pm$ 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: -964.864+/-1050.336 χ^2/NDF : 19.9/16

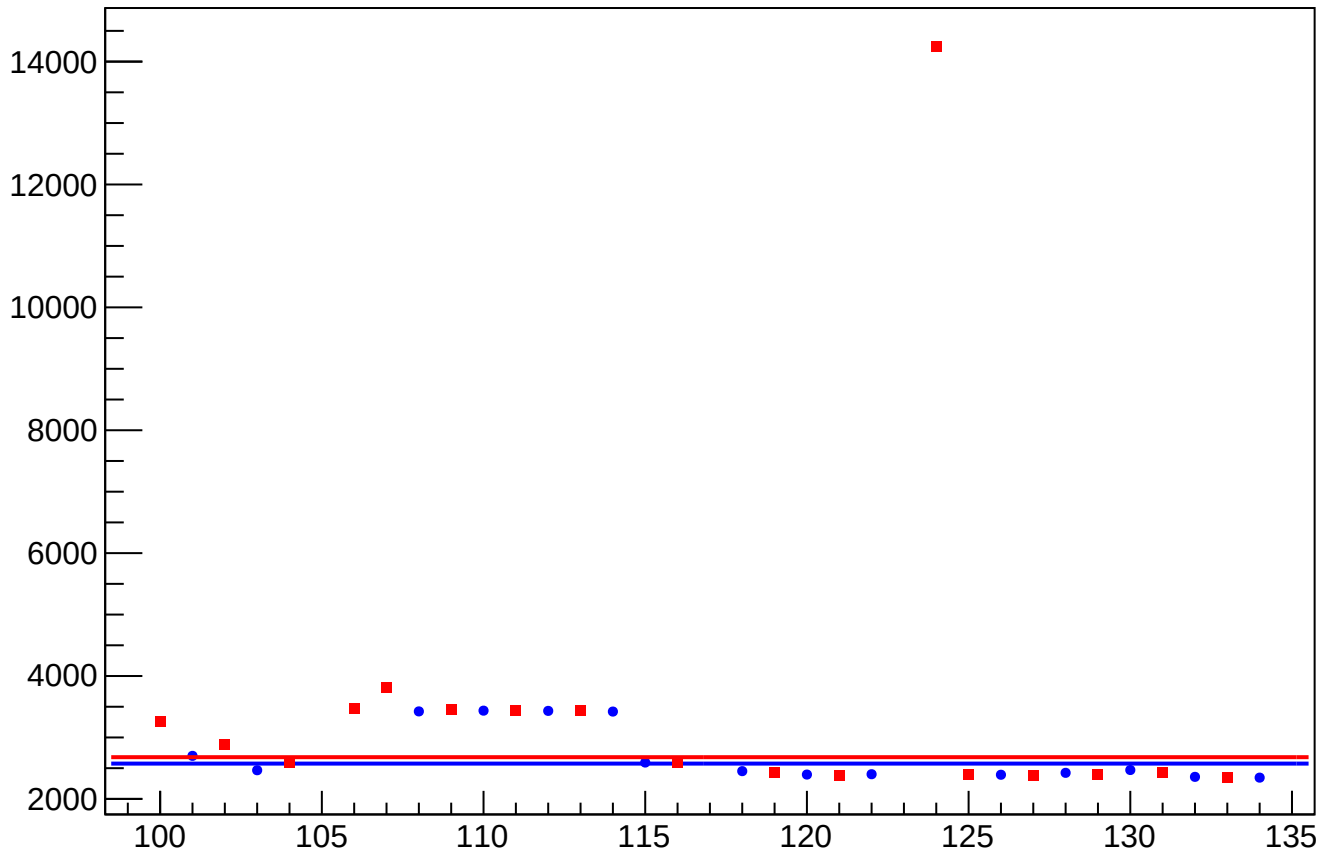
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 630.508+/-735.343 χ^2/NDF : 36.3/31

- 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: 2678.992 $\pm$ 0.743 χ^2 /NDF: 523166.8/16

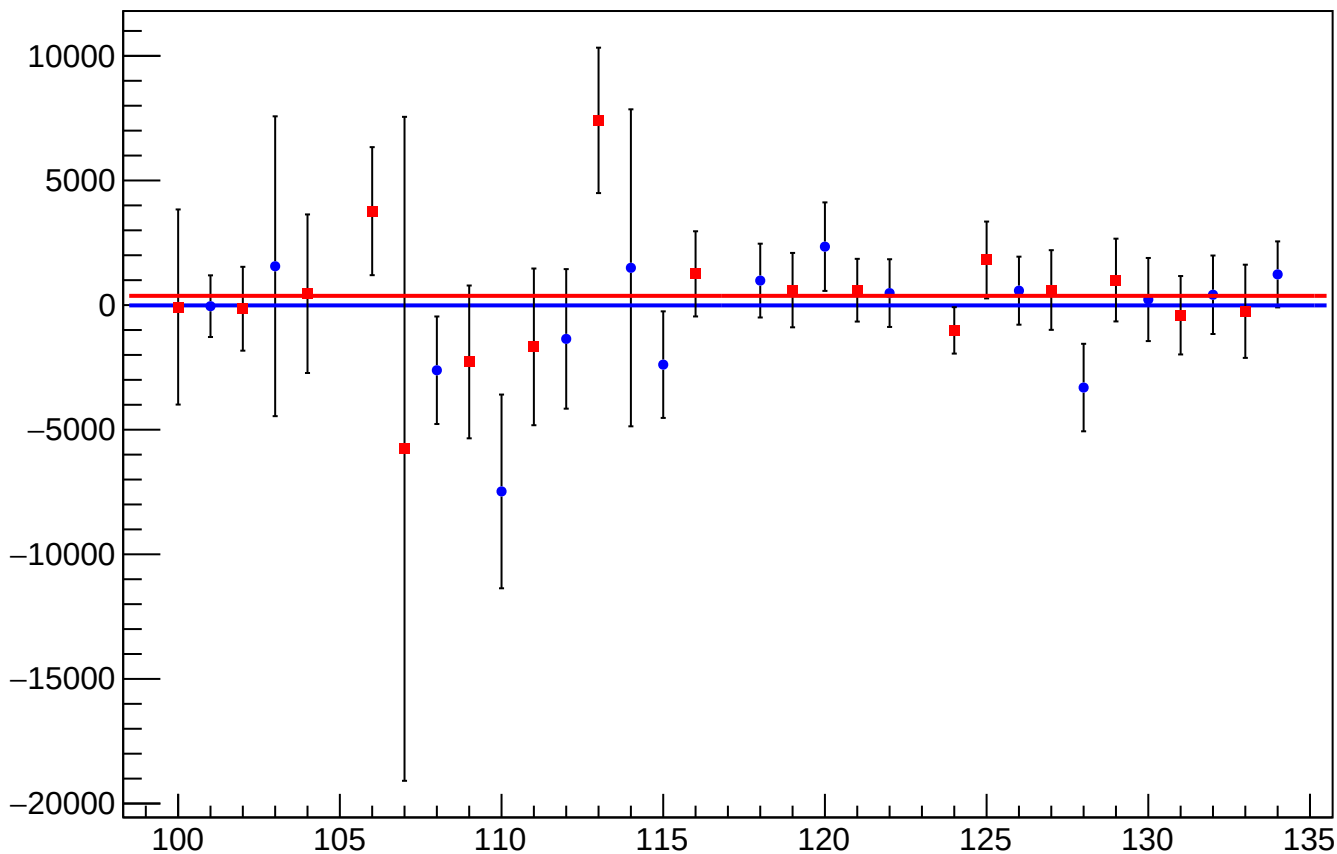
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 2625.789 $\pm$ 0.520 χ^2 /NDF: 746919.8/31

- 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: 370.978 ± 428.741 χ^2/NDF : 13.0/16

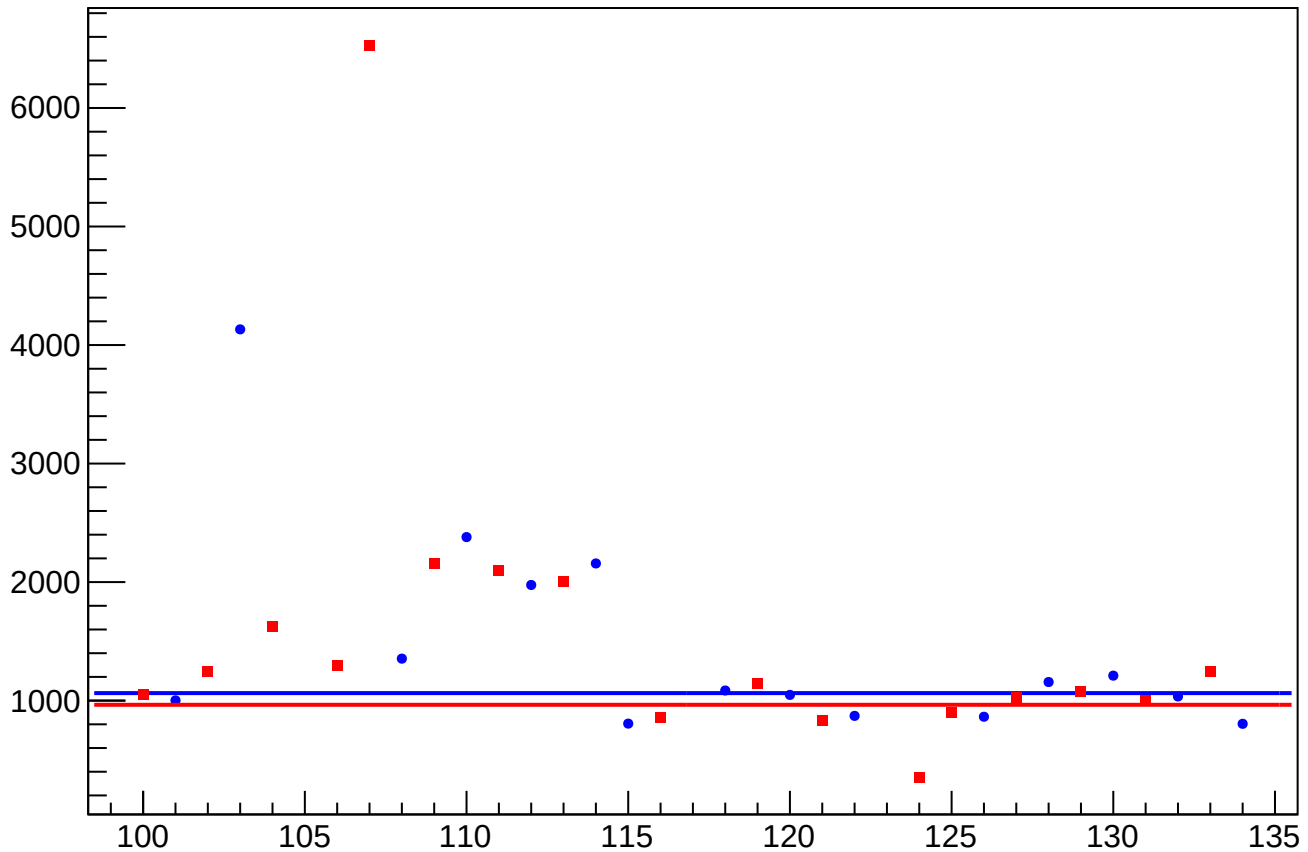
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 190.388 ± 311.851 χ^2/NDF : 27.1/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1_cor_correction_rms vs Slug



Right In: 1063.283 $\pm$ 0.321 χ^2 /NDF: 1273283.0/14

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

Right Out: 964.743 $\pm$ 0.303 χ^2 /NDF: 2341887.1/16

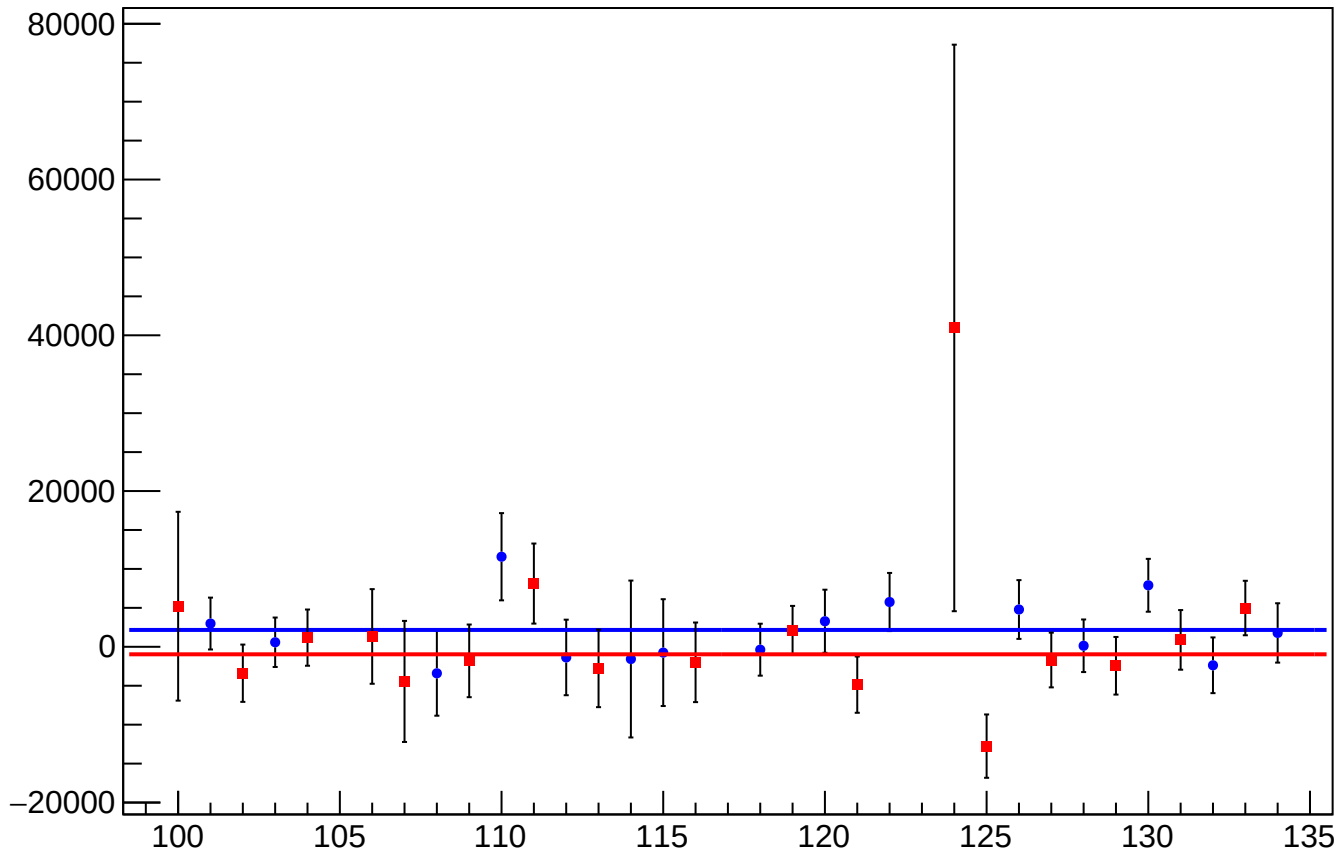
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1011.149 $\pm$ 0.221 χ^2 /NDF: 3664923.9/31

- sign 0.000 $\pm$ 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: -964.864+/-1050.336 χ^2/NDF : 19.9/16

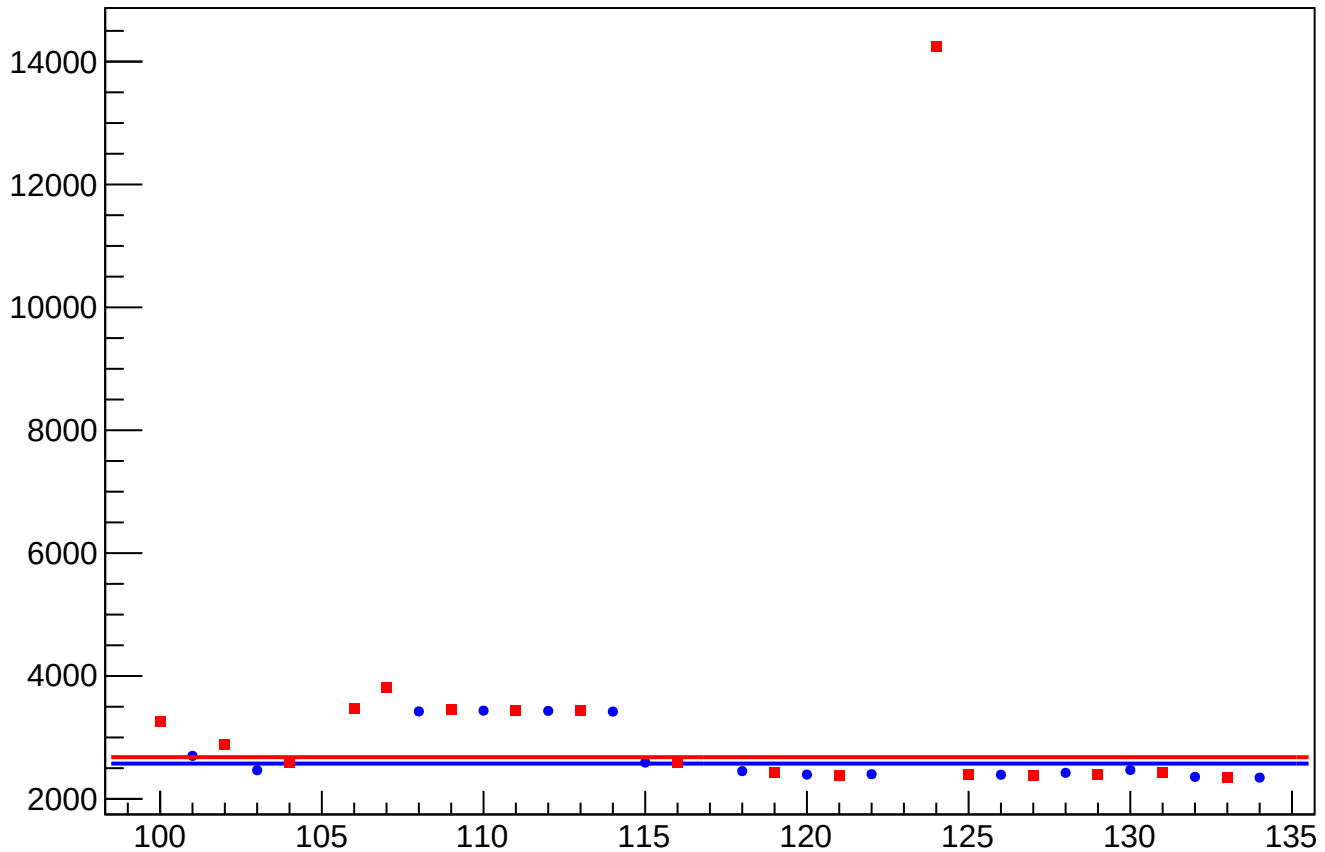
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 630.508+/-735.343 χ^2/NDF : 36.3/31

- 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: 2678.992+/-0.743 χ^2/NDF : 523166.8/16

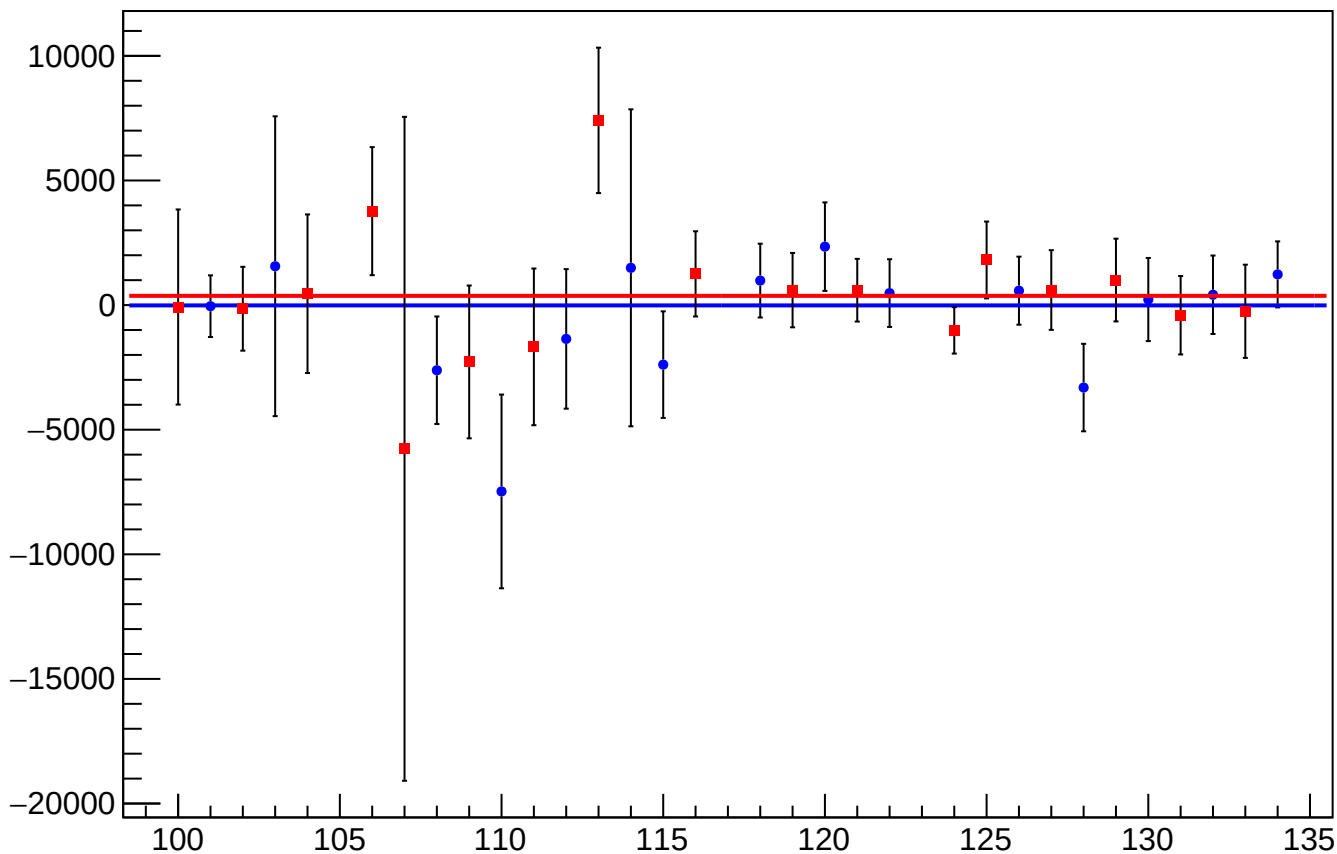
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2625.789+/-0.520 χ^2/NDF : 746919.8/31

- 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: 370.978 ± 428.741 χ^2/NDF : 13.0/16

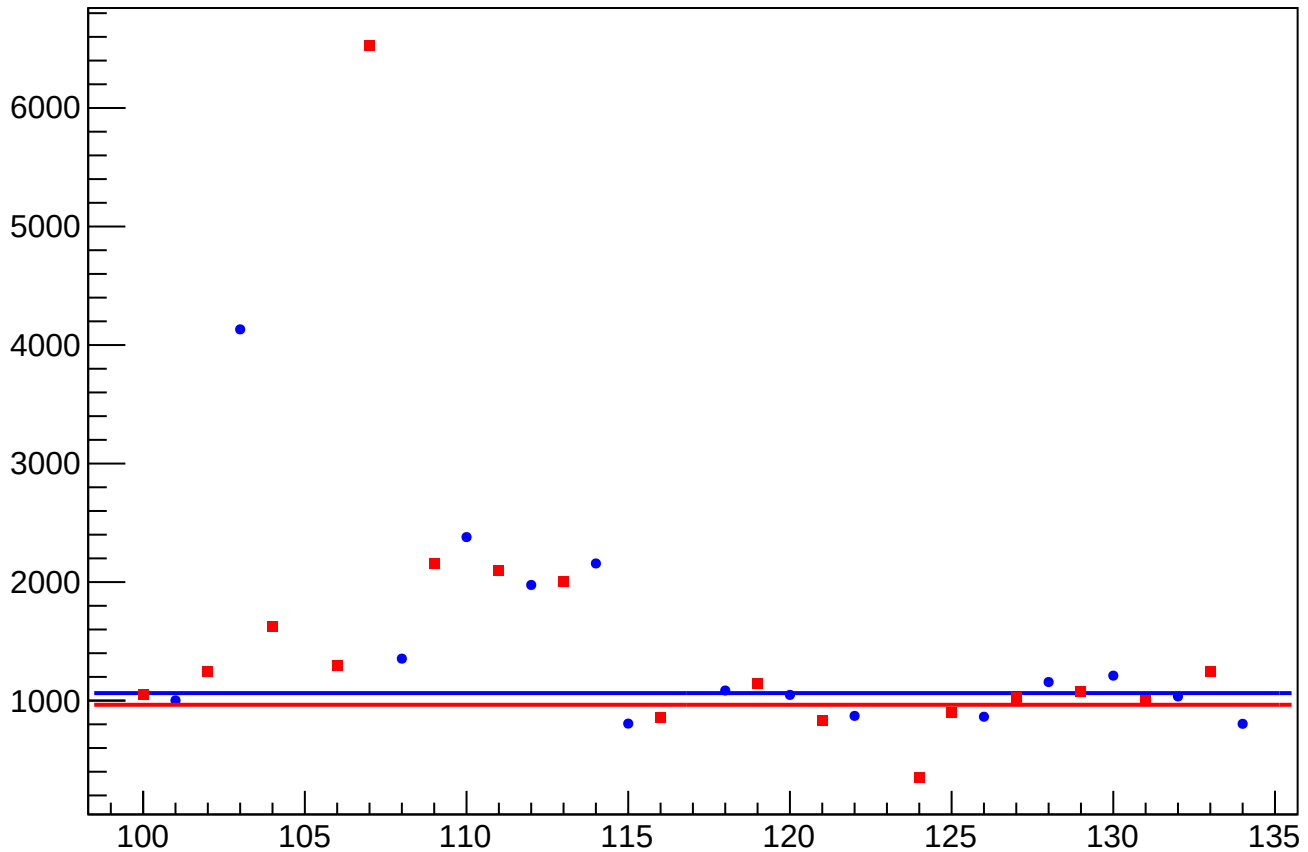
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 190.388 ± 311.851 χ^2/NDF : 27.1/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_cor_correction_rms vs Slug



Right In: 1063.283 $\pm$ 0.321 χ^2 /NDF: 1273283.0/14

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

Right Out: 964.743 $\pm$ 0.303 χ^2 /NDF: 2341887.1/16

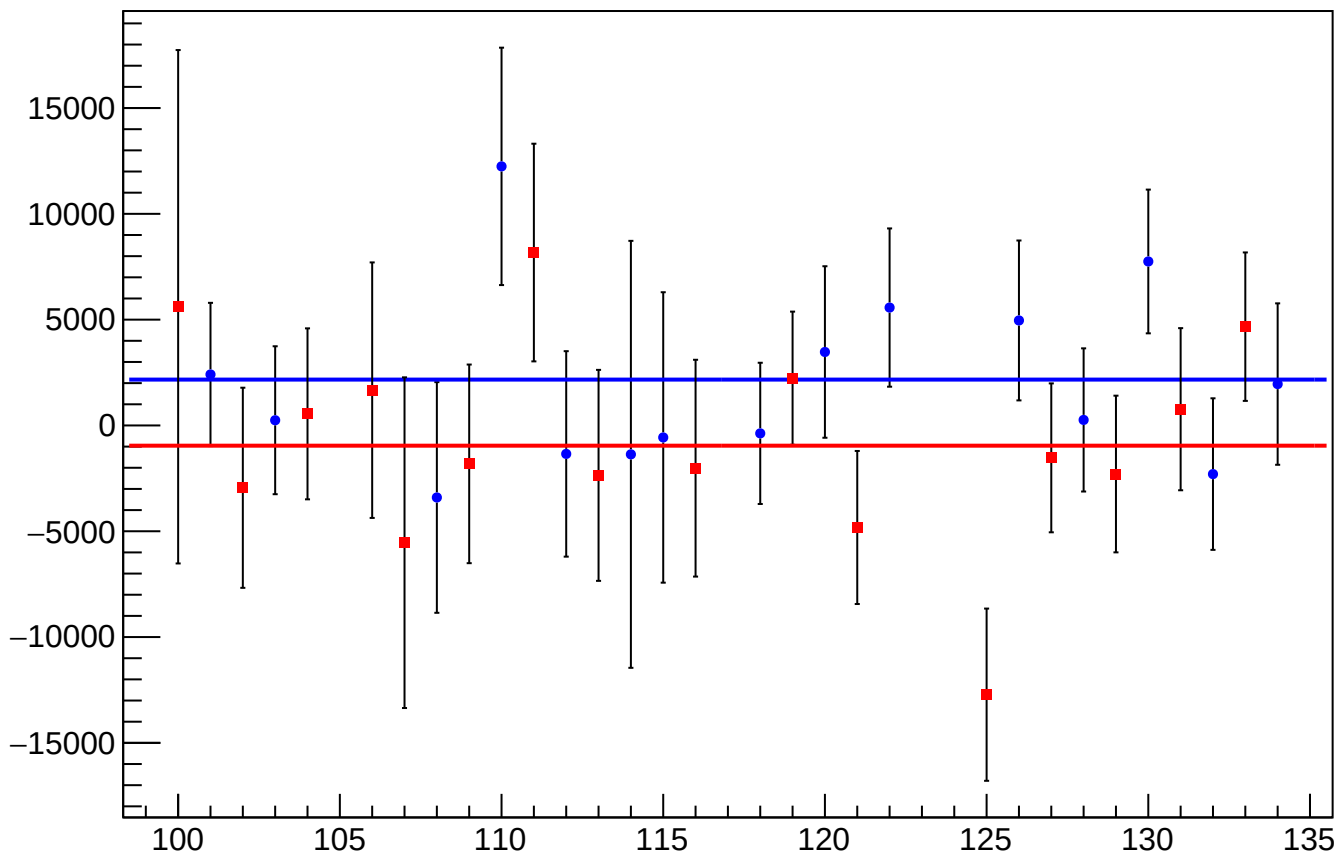
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1011.149 $\pm$ 0.221 χ^2 /NDF: 3664923.9/31

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

dit_asym_atl1_mean vs Slug



Right In: 2167.089 $\pm$ 1041.949 χ^2 /NDF: 12.0/14

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

Right Out: -956.025 $\pm$ 1078.879 χ^2 /NDF: 17.9/15

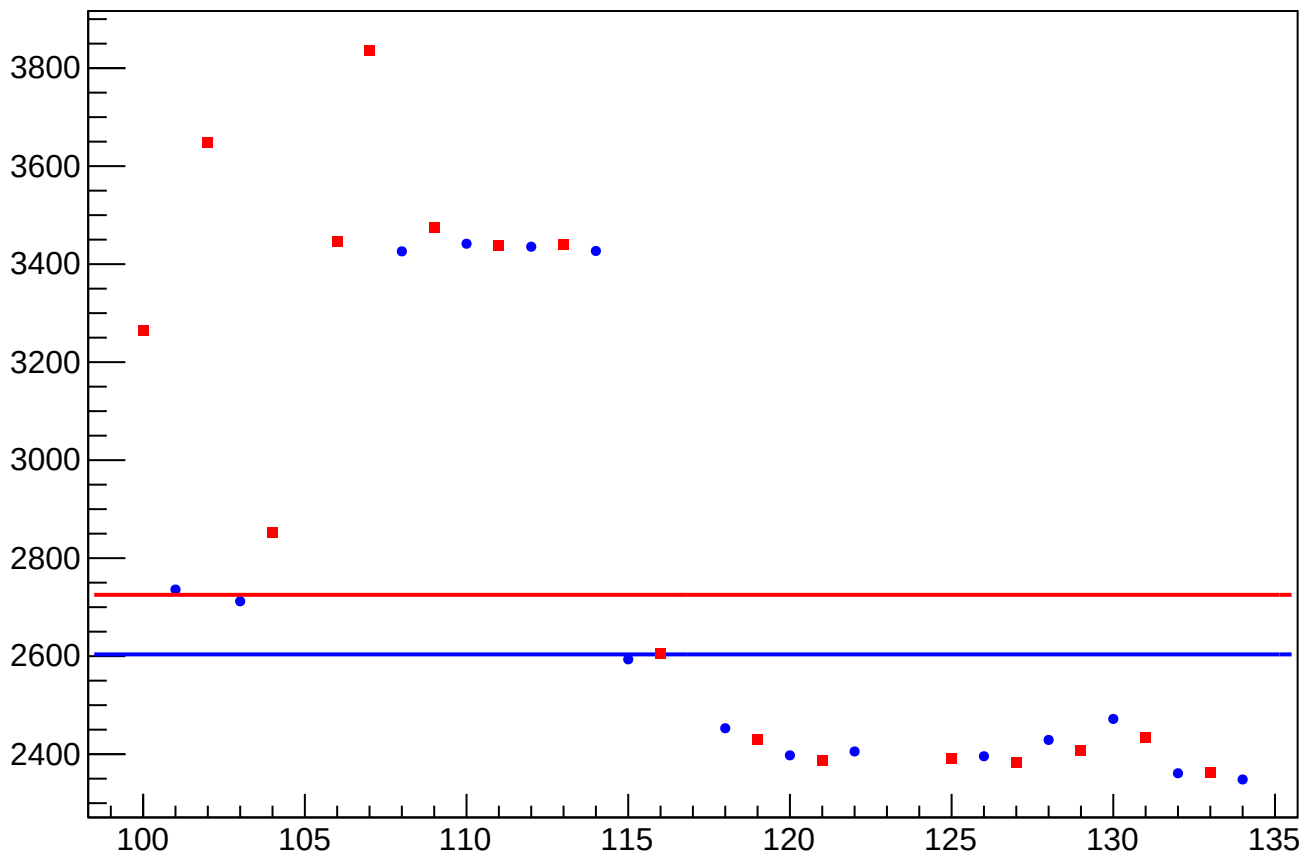
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 659.899 $\pm$ 749.485 χ^2 /NDF: 34.3/30

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

dit_asym_atl1_rms vs Slug



Right In: 2603.599+/-0.737 χ^2/NDF : 214598.5/14

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

Right Out: 2725.167+/-0.763 χ^2/NDF : 397770.3/15

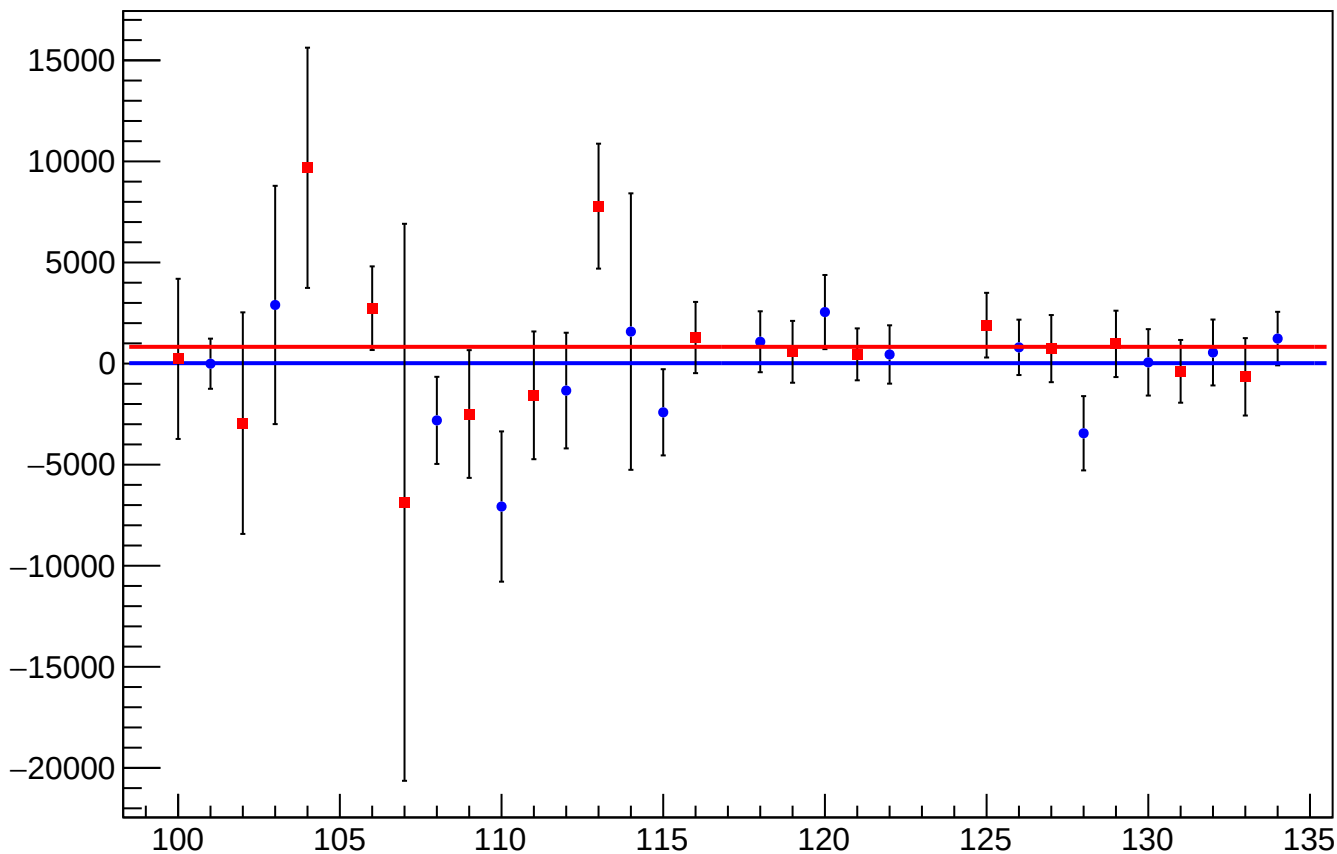
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2662.267+/-0.530 χ^2/NDF : 625507.6/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_dit_correction_mean vs Slug



Right In: 19.436 $\pm$ 461.515 χ^2 /NDF: 14.5/14

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

Right Out: 827.852 $\pm$ 510.468 χ^2 /NDF: 12.5/15

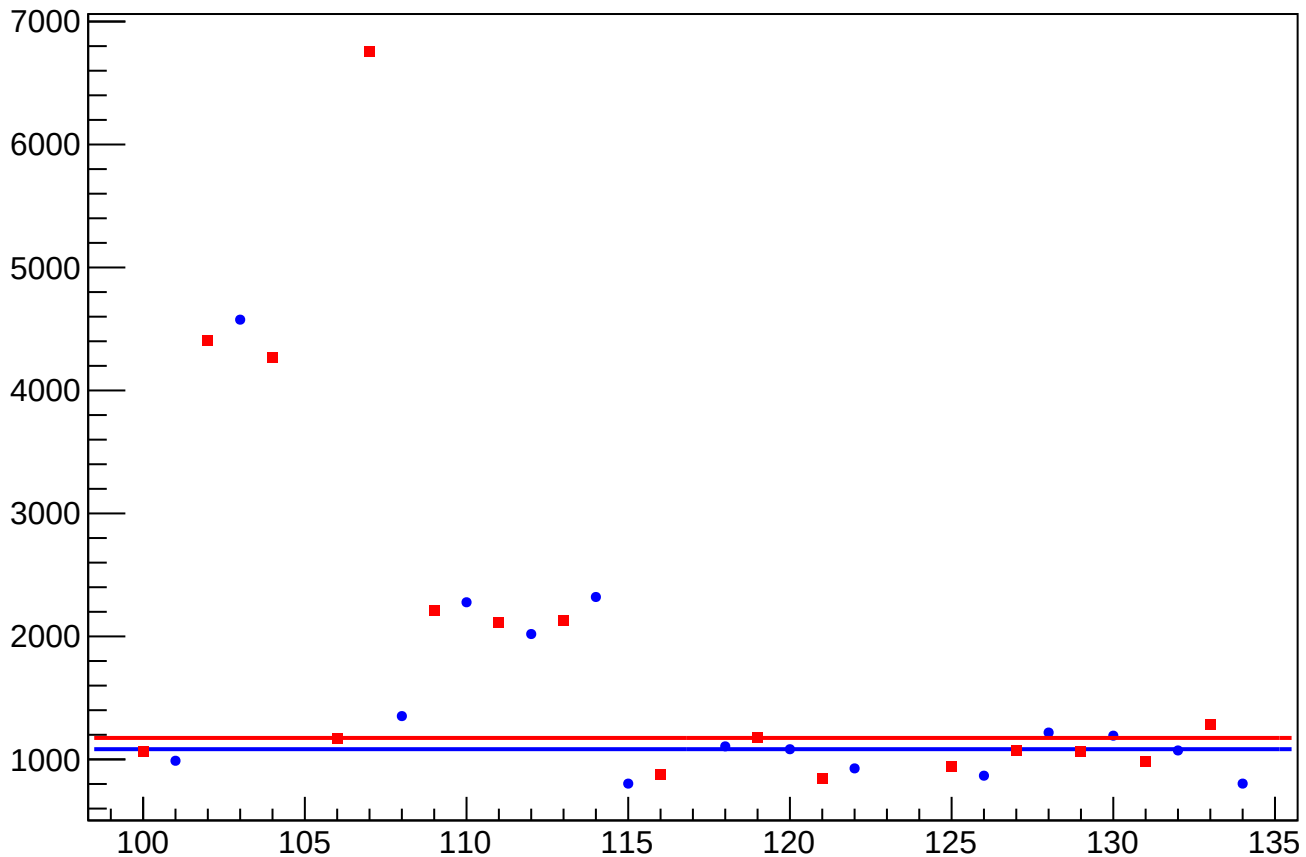
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 383.032 $\pm$ 342.342 χ^2 /NDF: 28.4/30

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

asym_atl1_dit_correction_rms vs Slug



Right In: 1083.070 $\pm$ 0.326 χ^2 /NDF: 1448689.8/14

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

Right Out: 1174.434 $\pm$ 0.361 χ^2 /NDF: 2427903.9/15

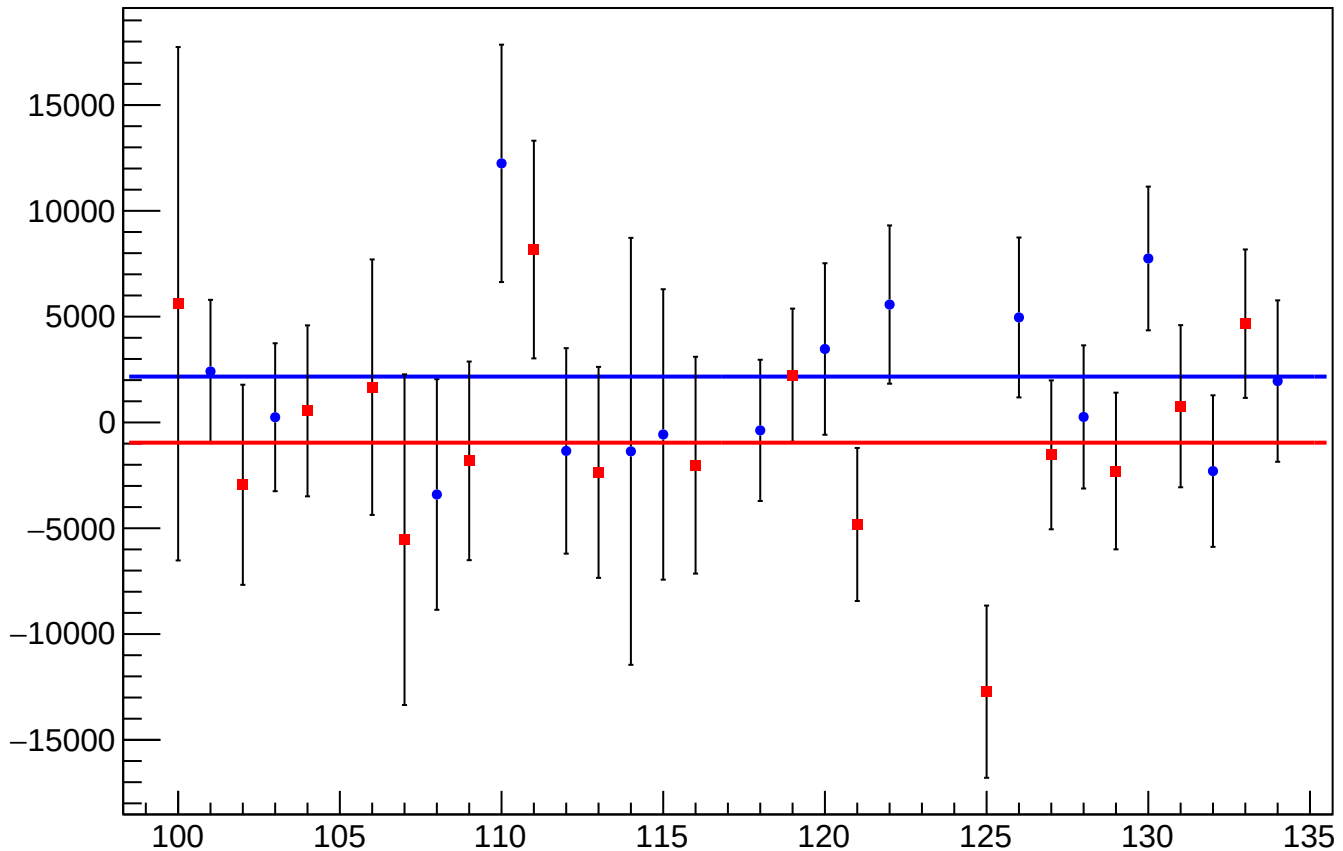
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1124.162 $\pm$ 0.242 χ^2 /NDF: 3911846.3/30

- sign 0.000 $\pm$ 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: -956.022 $\pm$ 1078.879 χ^2 /NDF: 17.9/15

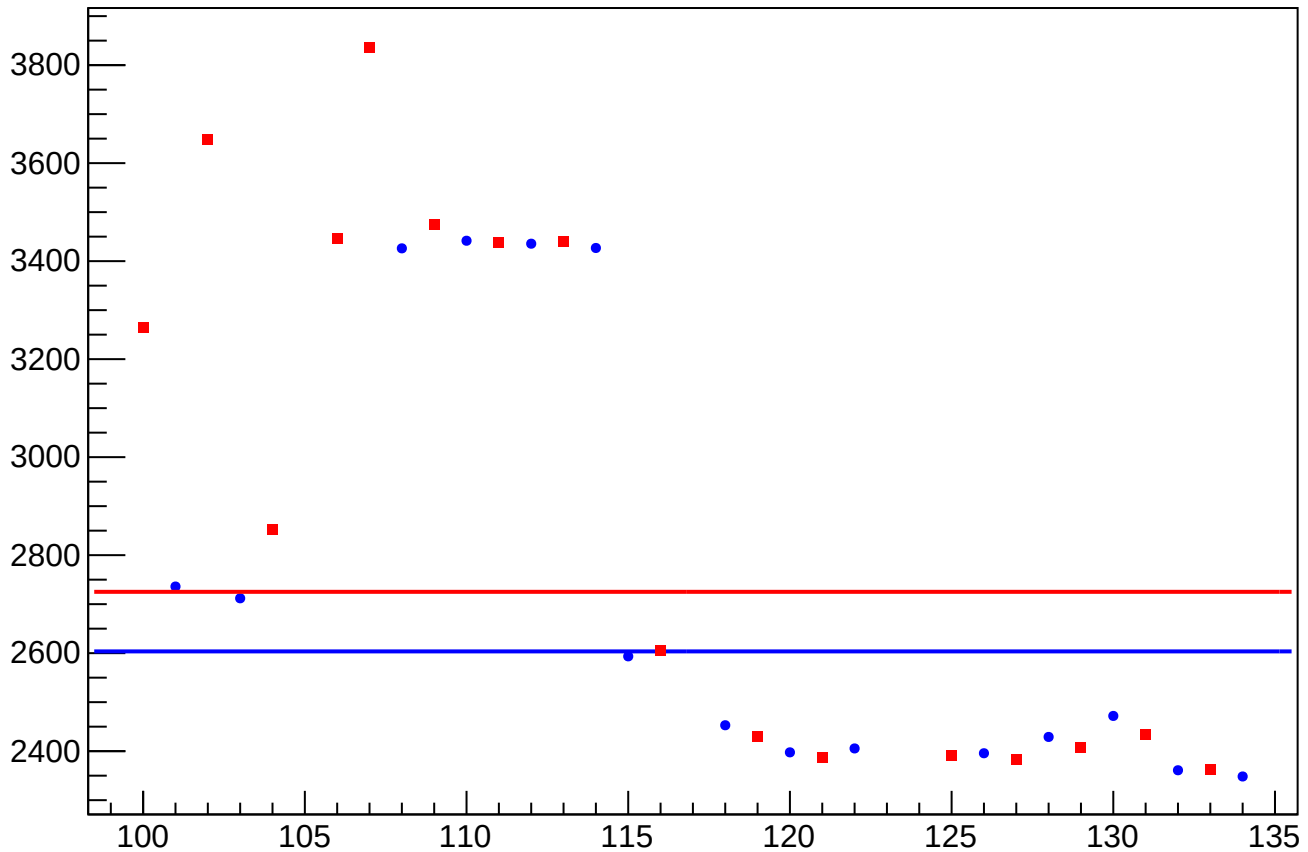
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 659.899 $\pm$ 749.485 χ^2 /NDF: 34.3/30

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

eigen_dit_asym_atl1_rms vs Slug



Right In: 2603.598+/-0.737 χ^2/NDF : 214598.3/14

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

Right Out: 2725.167+/-0.763 χ^2/NDF : 397769.8/15

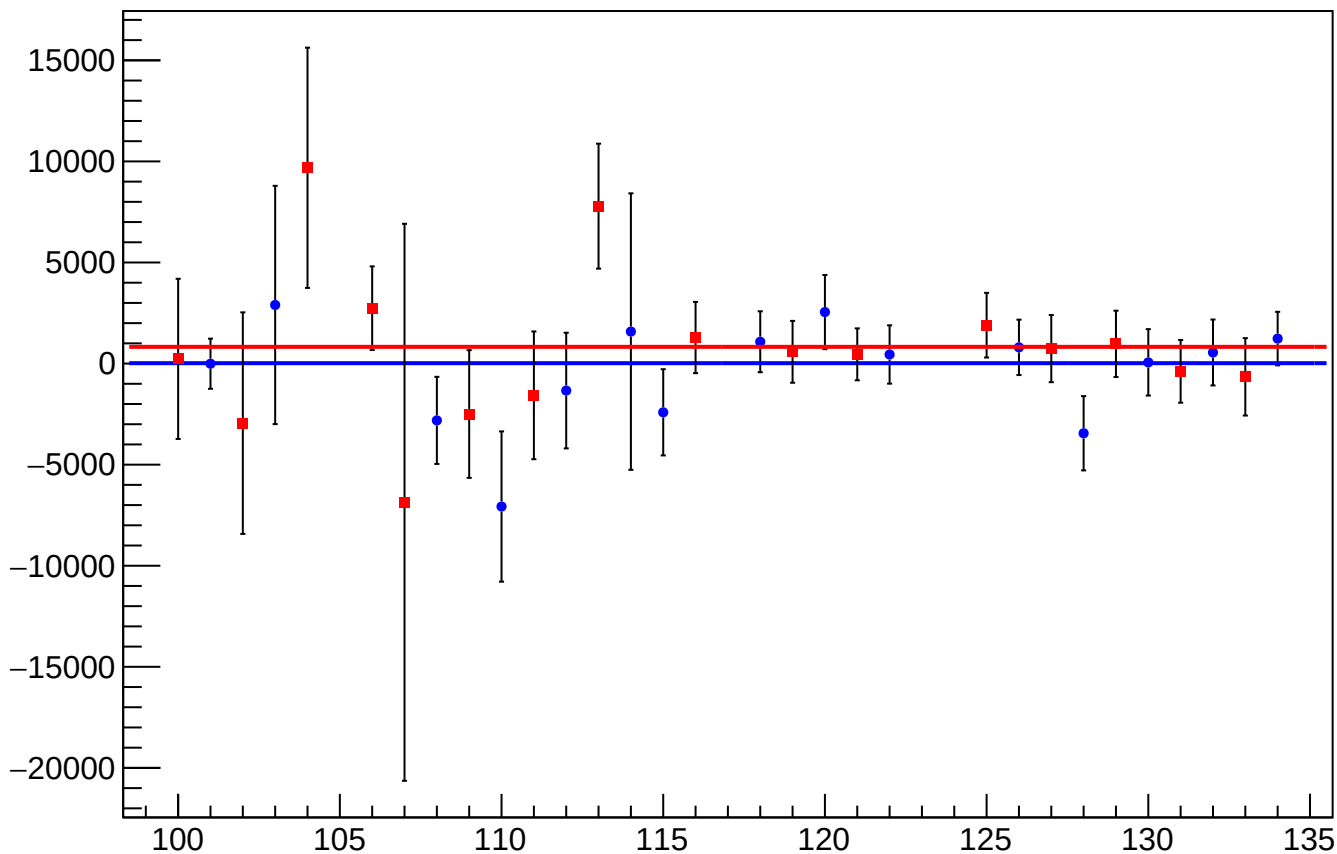
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2662.266+/-0.530 χ^2/NDF : 625506.9/30

- sign 0.000+/-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: 827.851+/-510.467 χ^2/NDF : 12.5/15

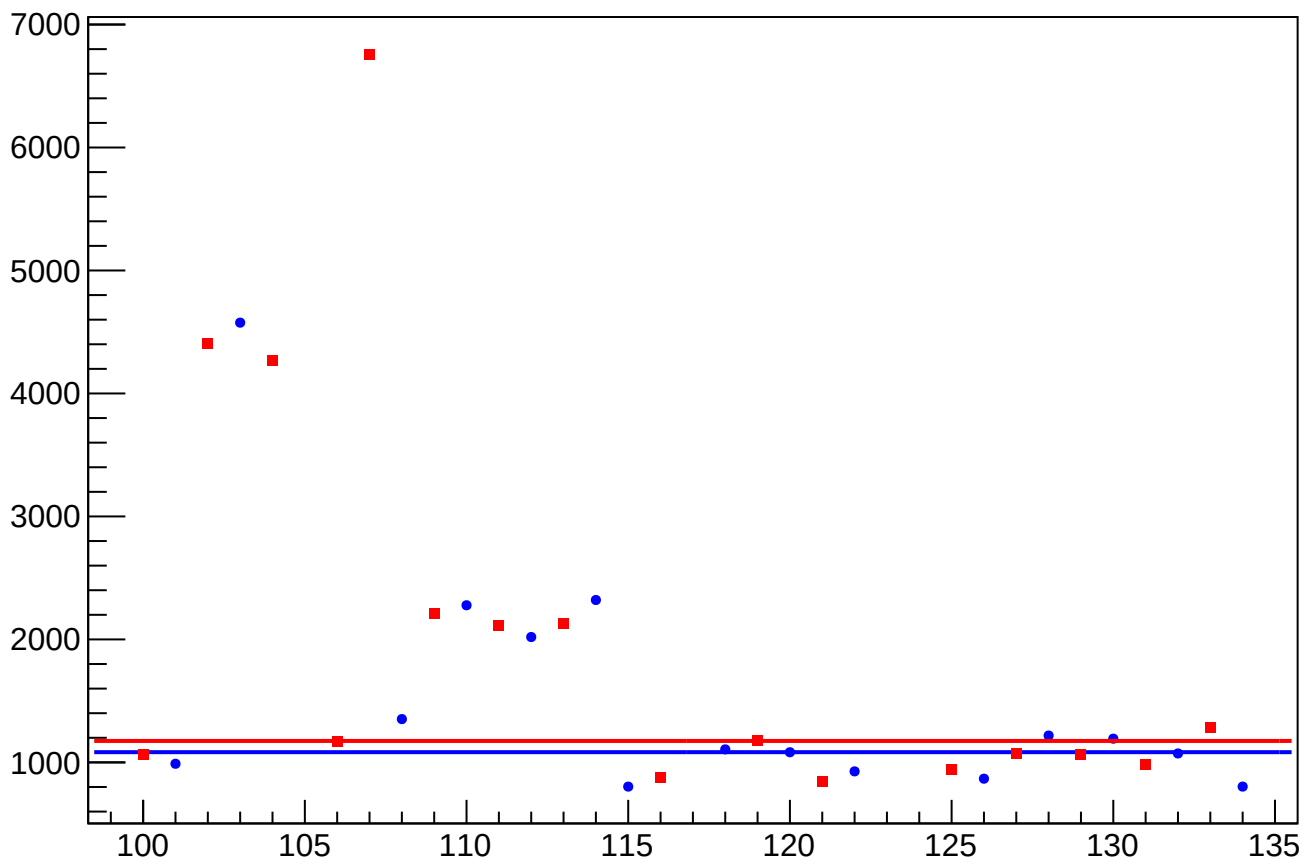
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 383.030+/-342.342 χ^2/NDF : 28.4/30

- 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: 1174.432+/-0.361 χ^2/NDF : 2427906.2/15

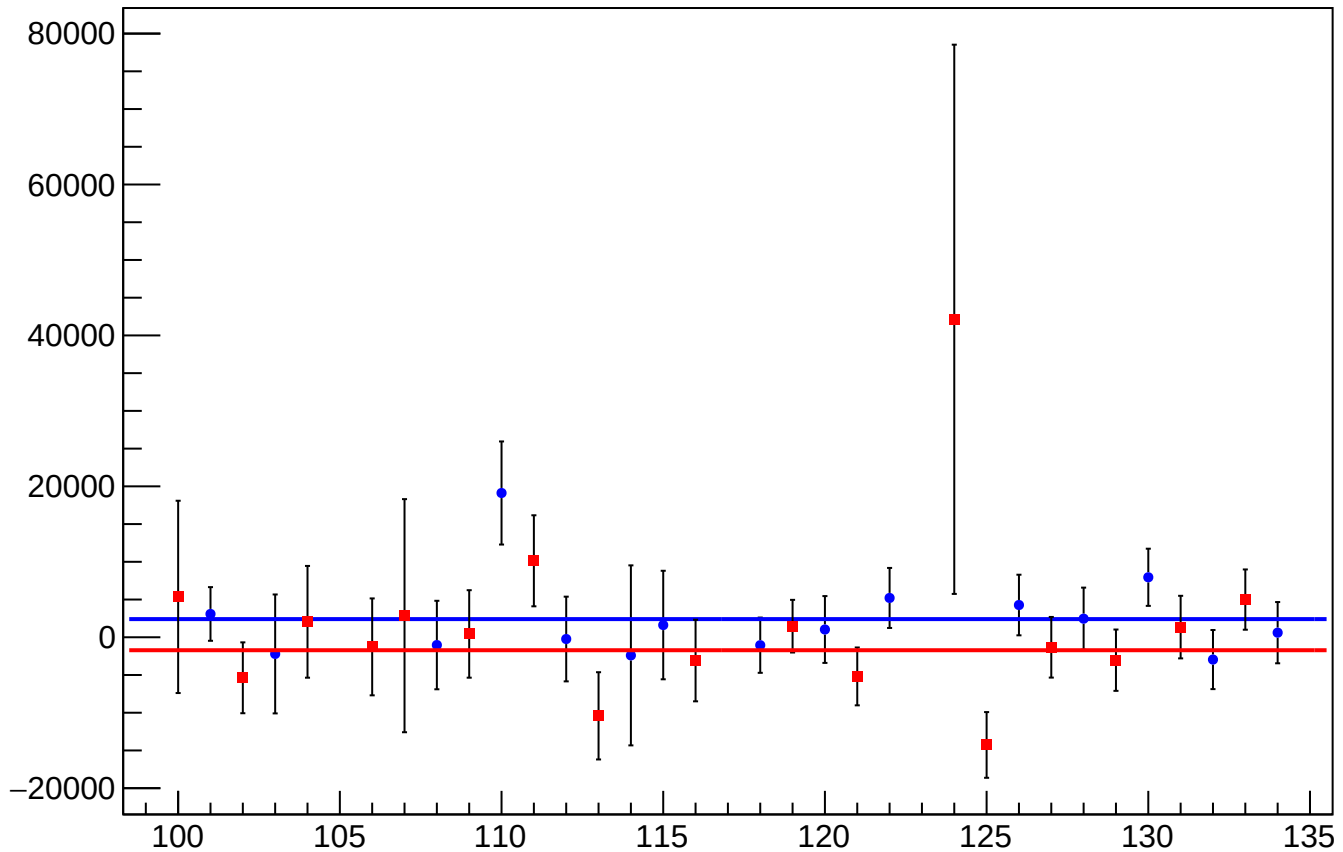
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1124.161+/-0.242 χ^2/NDF : 3911844.8/30

- 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: -1717.605+/-1224.730 χ^2/NDF : 22.5/16

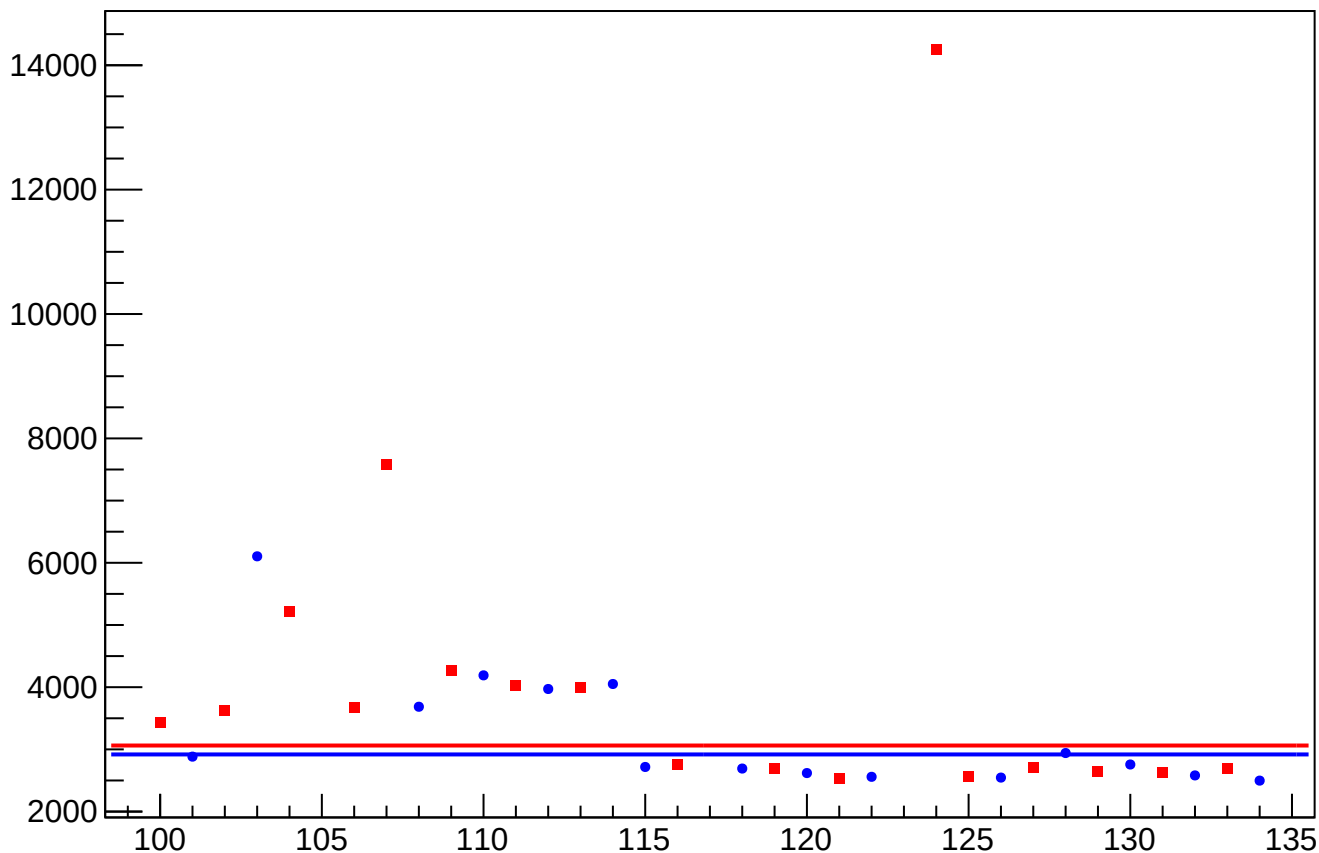
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 408.592+/-852.502 χ^2/NDF : 41.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_rms vs Slug



Right In: 2918.696+/-0.840 χ^2/NDF : 610814.2/14

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

Right Out: 3062.113+/-0.866 χ^2/NDF : 936411.5/16

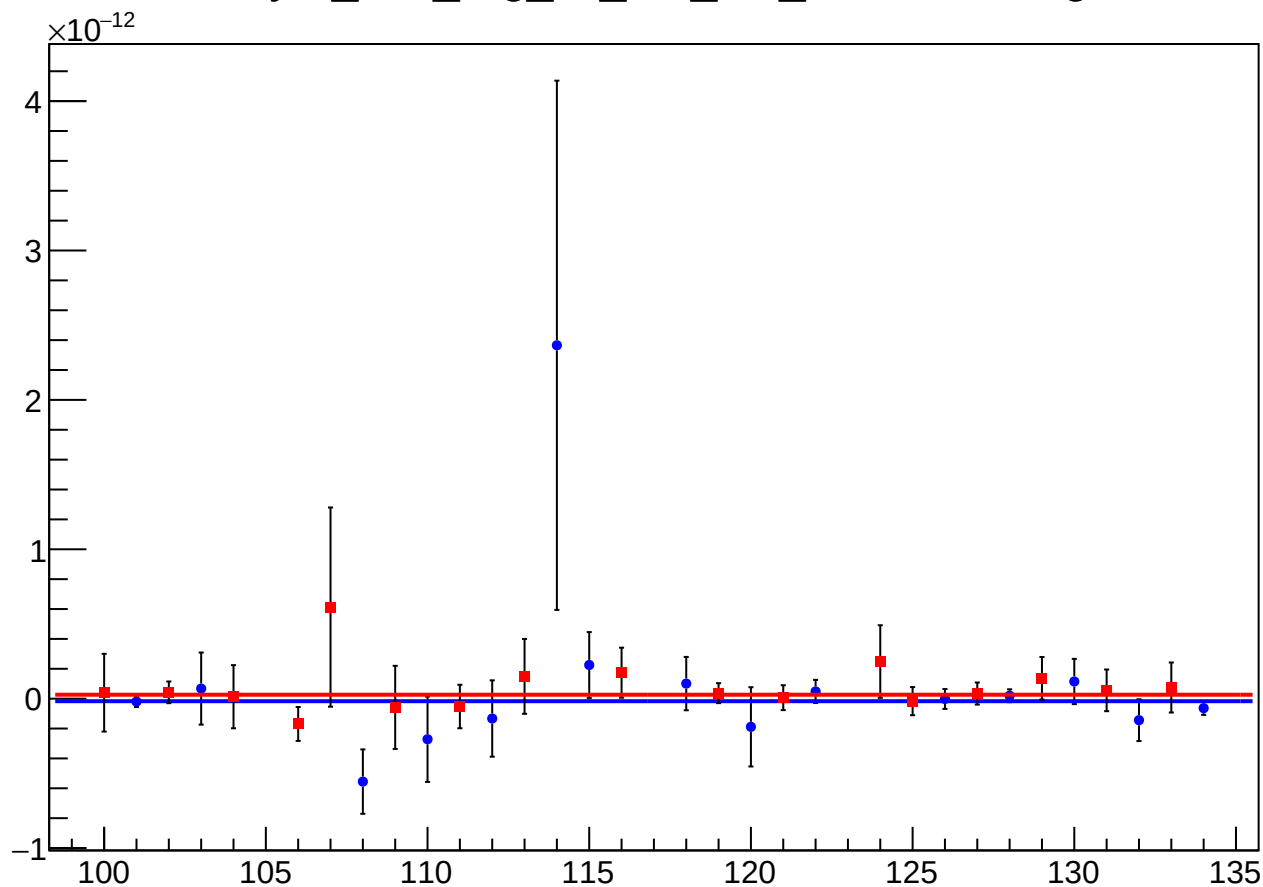
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2988.184+/-0.603 χ^2/NDF : 1561362.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_reg_vs_cor_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: 7.1/16

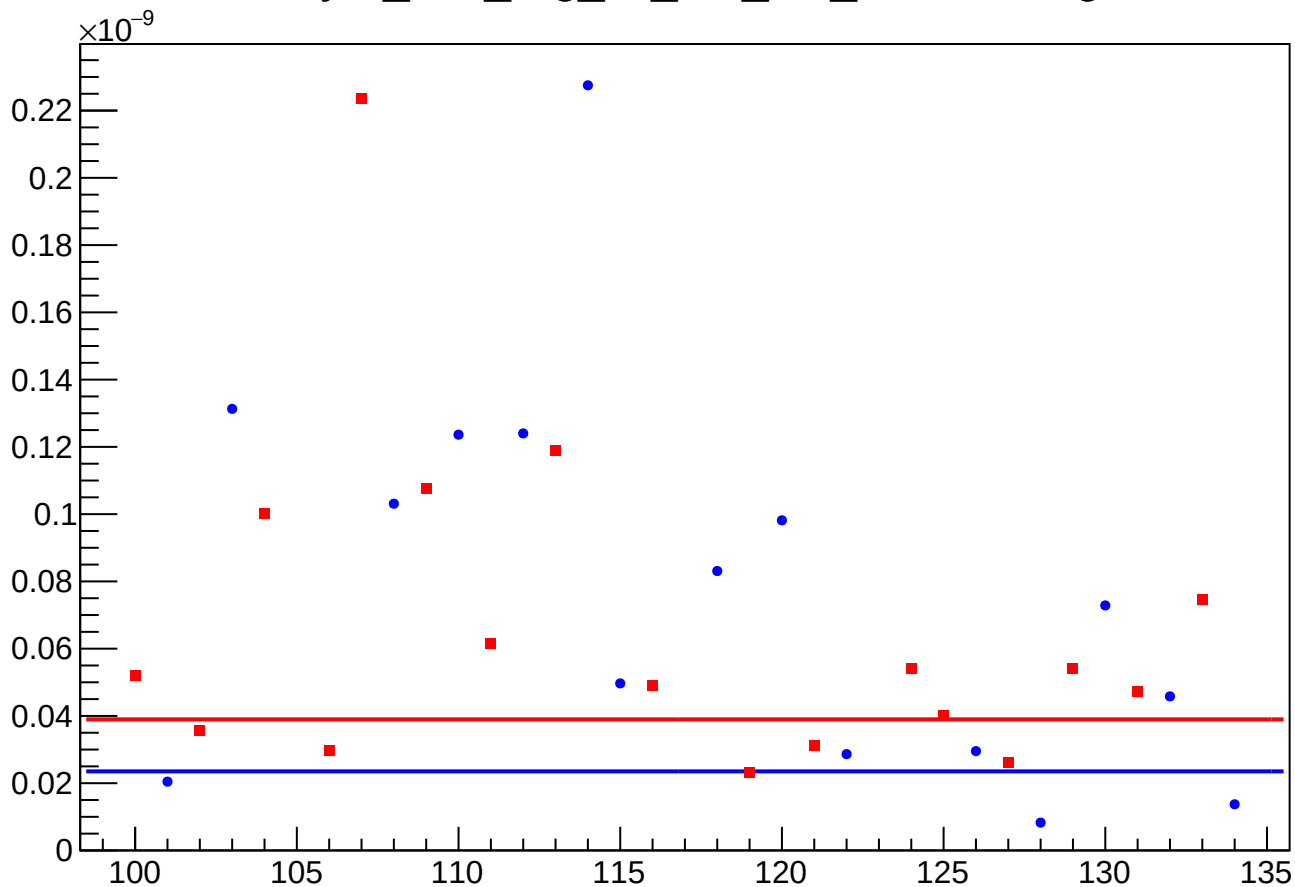
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 24.0/31

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

asym_atl1_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2309708.7/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1044194.6/16

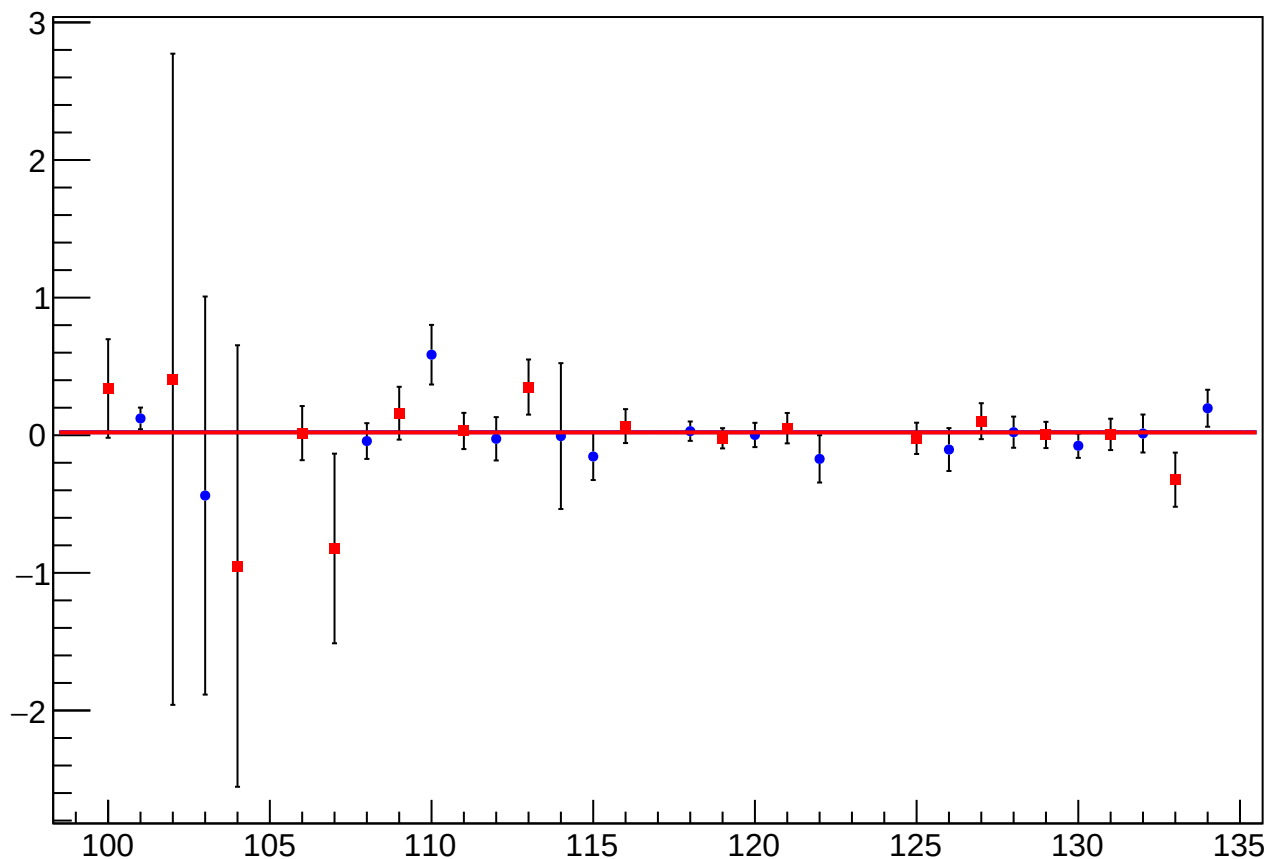
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3745013.5/31

- sign 0.000+/-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: 0.021 $\pm$ 0.035 χ^2 /NDF: 10.1/15

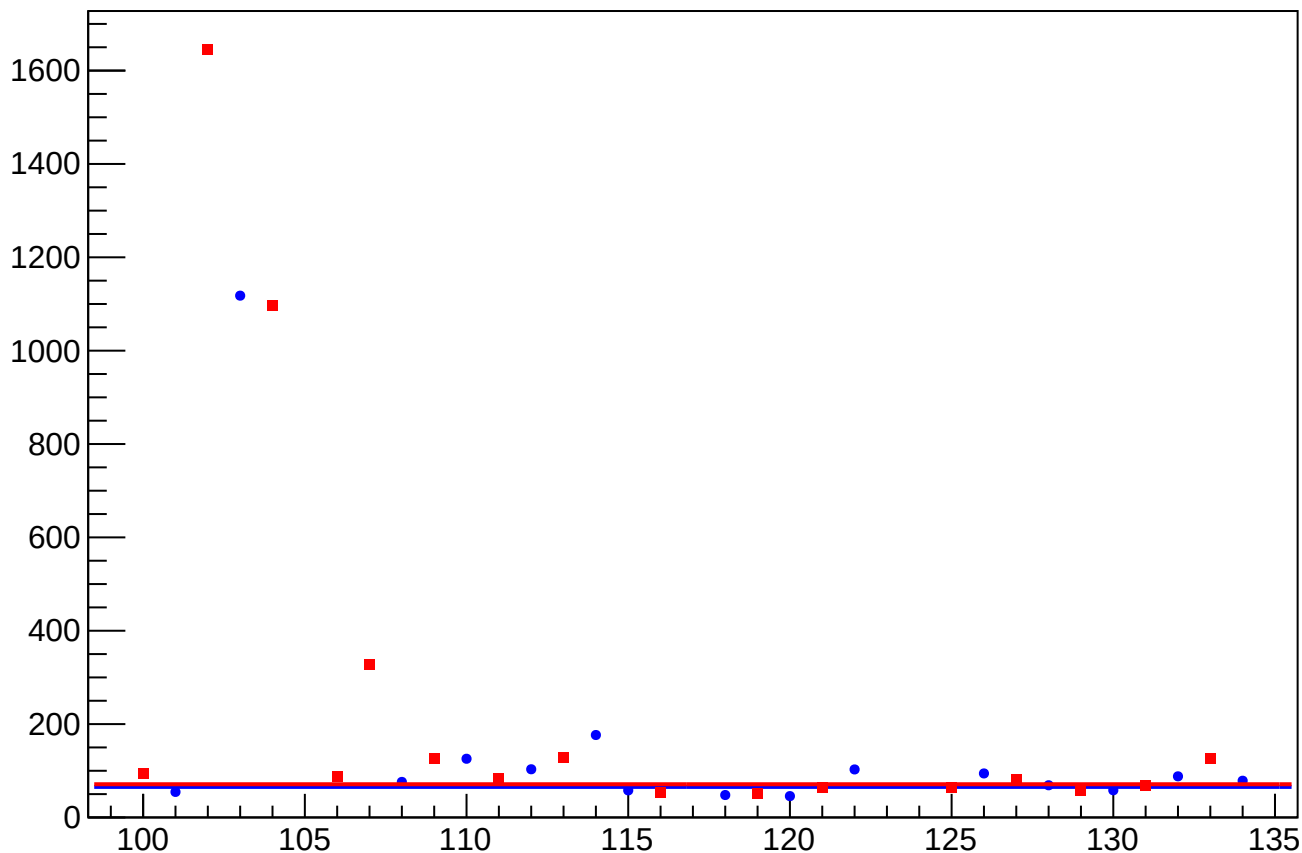
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.021 $\pm$ 0.023 χ^2 /NDF: 24.9/30

- 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 $\pm$ 0.022 χ^2 /NDF: 1945420.3/14

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

Right Out: 71.153 $\pm$ 0.025 χ^2 /NDF: 2753130.7/15

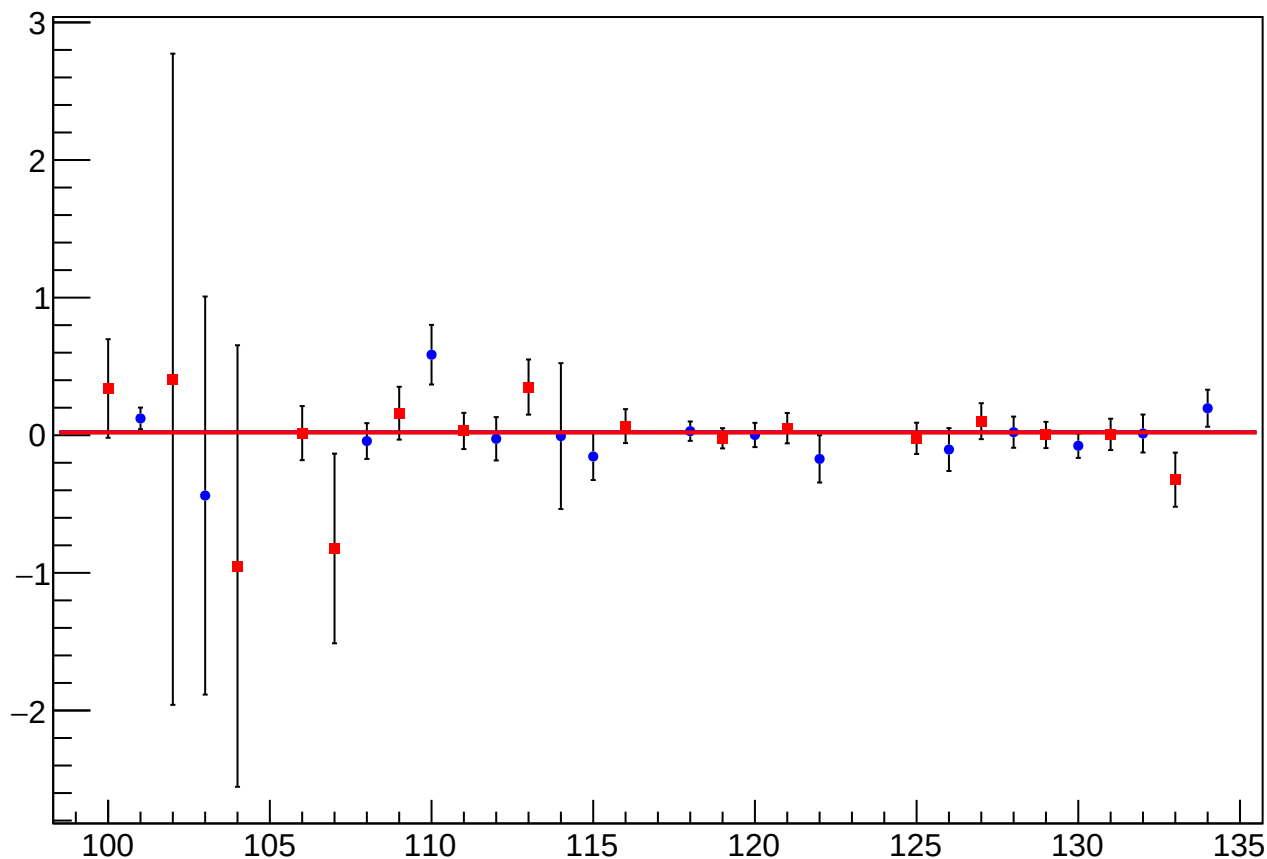
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 67.999 $\pm$ 0.016 χ^2 /NDF: 4728168.8/30

- sign 0.000 $\pm$ 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: 0.021 $\pm$ 0.035 χ^2 /NDF: 10.1/15

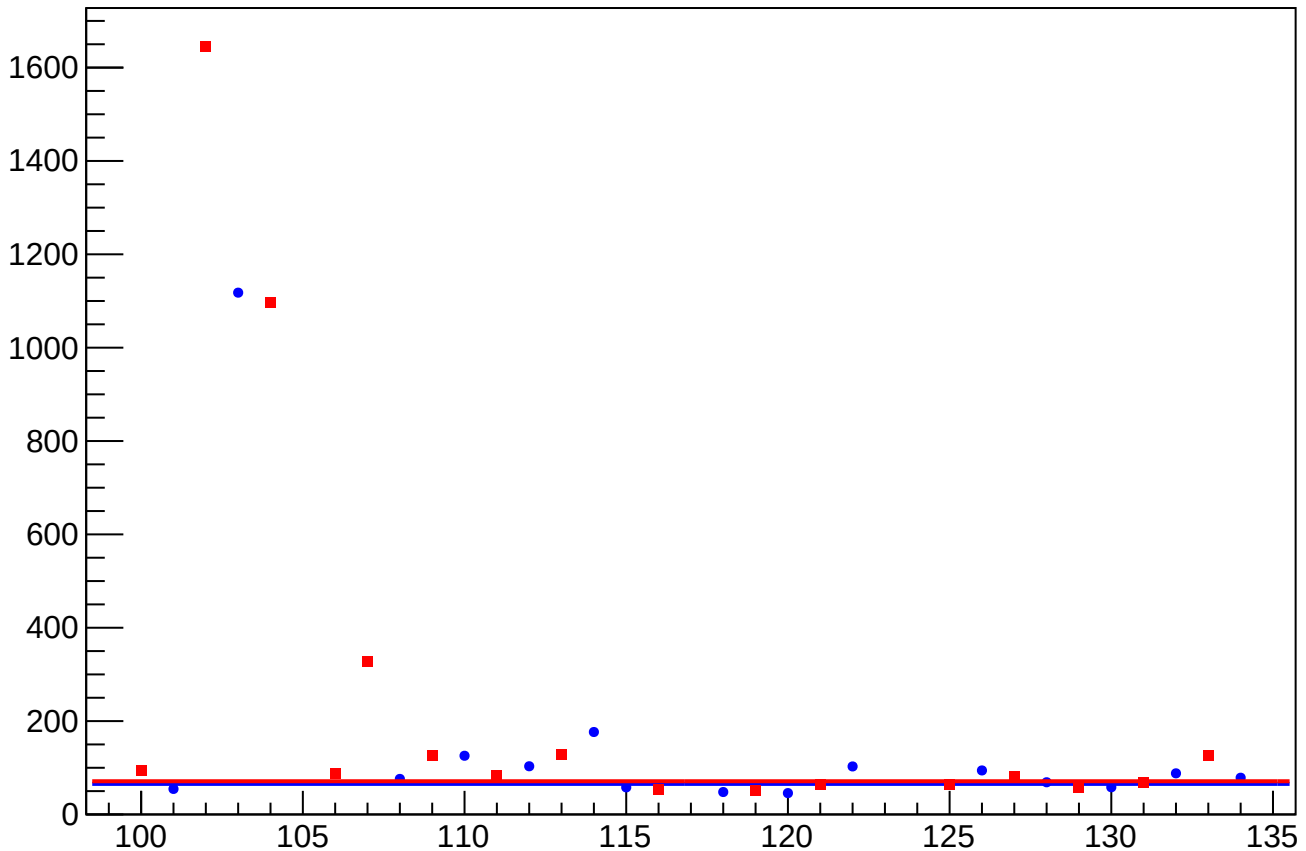
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.021 $\pm$ 0.023 χ^2 /NDF: 24.9/30

- 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: 71.153 $\pm$ 0.025 χ^2 /NDF: 2753130.7/15

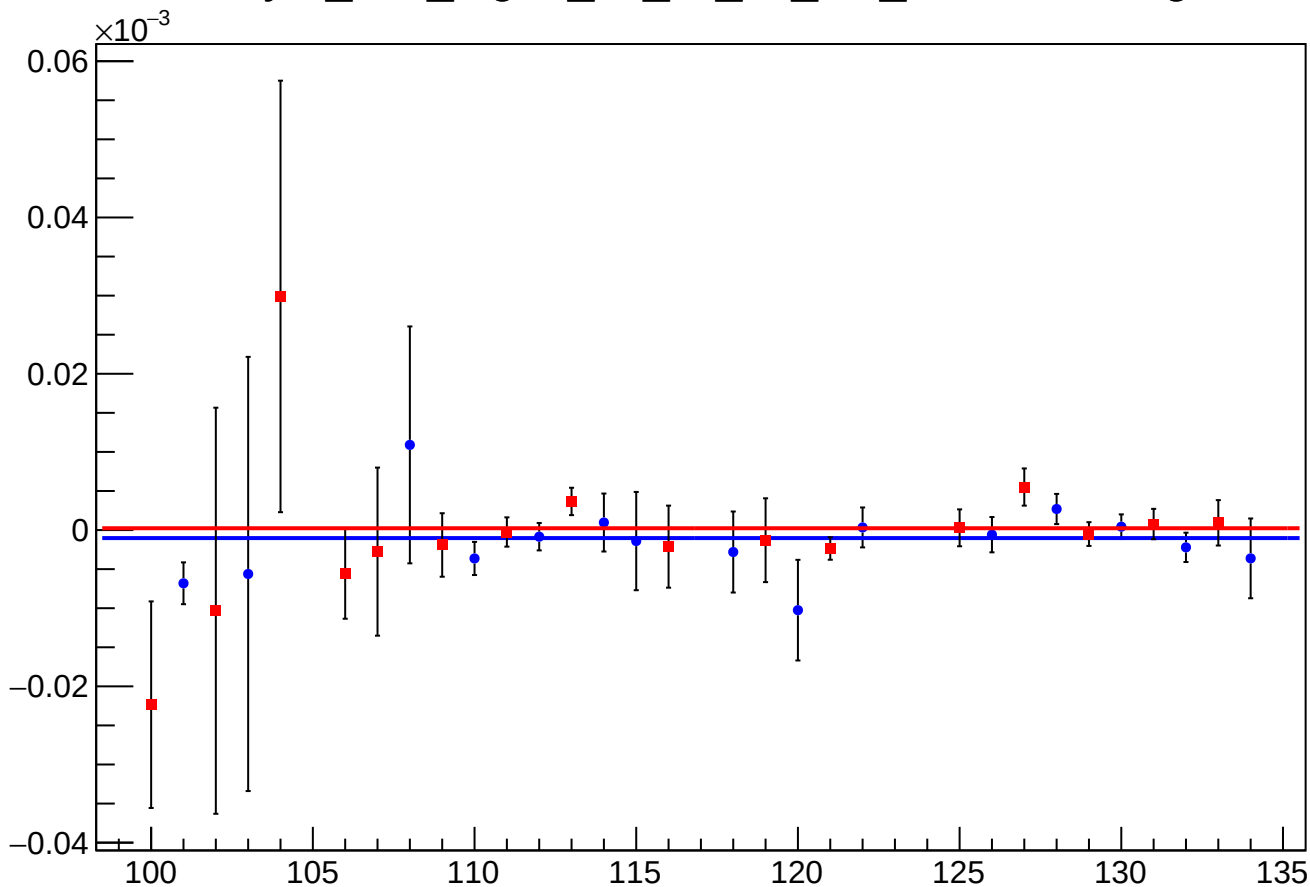
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 67.999 $\pm$ 0.016 χ^2 /NDF: 4728168.8/30

- 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 ± 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 : 18.3/15

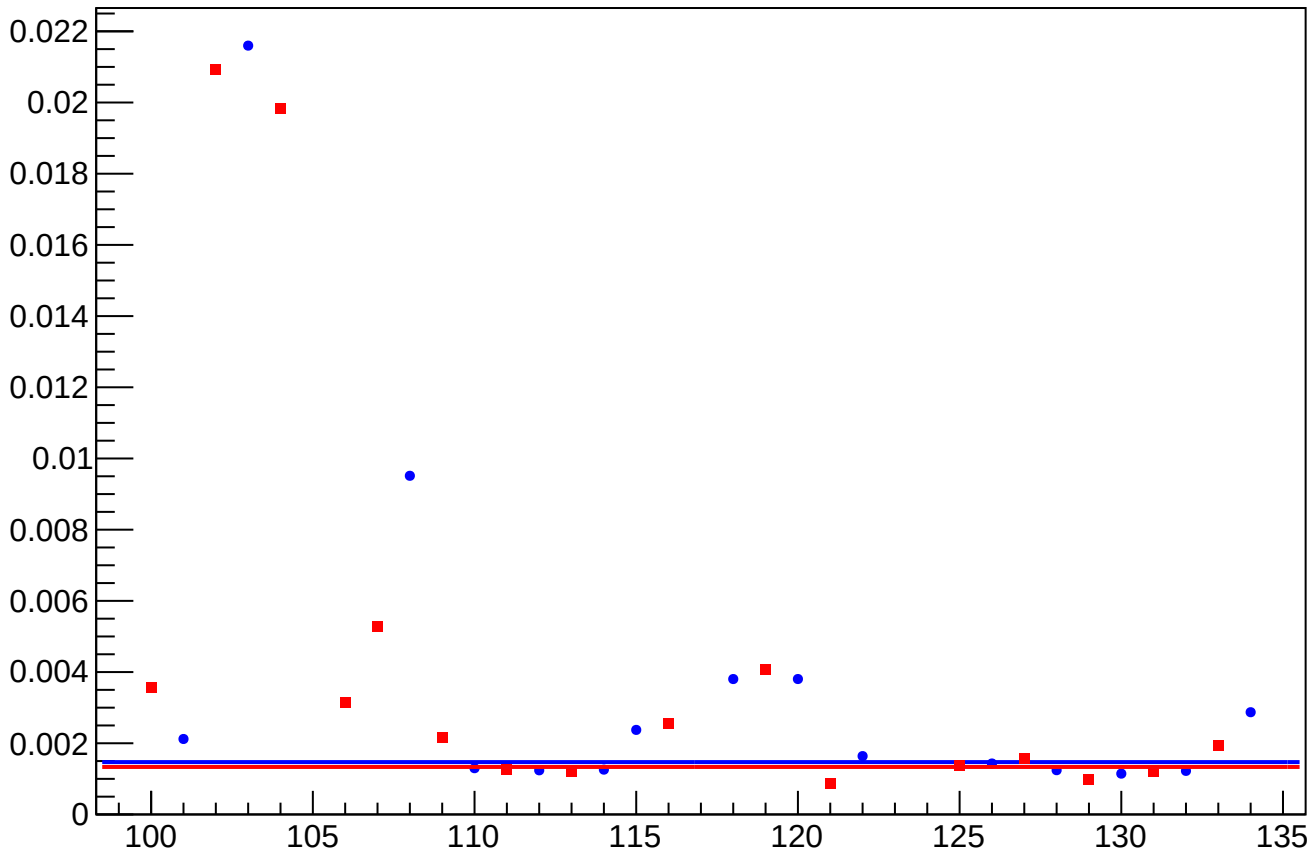
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 35.0/30

- sign 0.000 ± 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 : 3704175.8/15

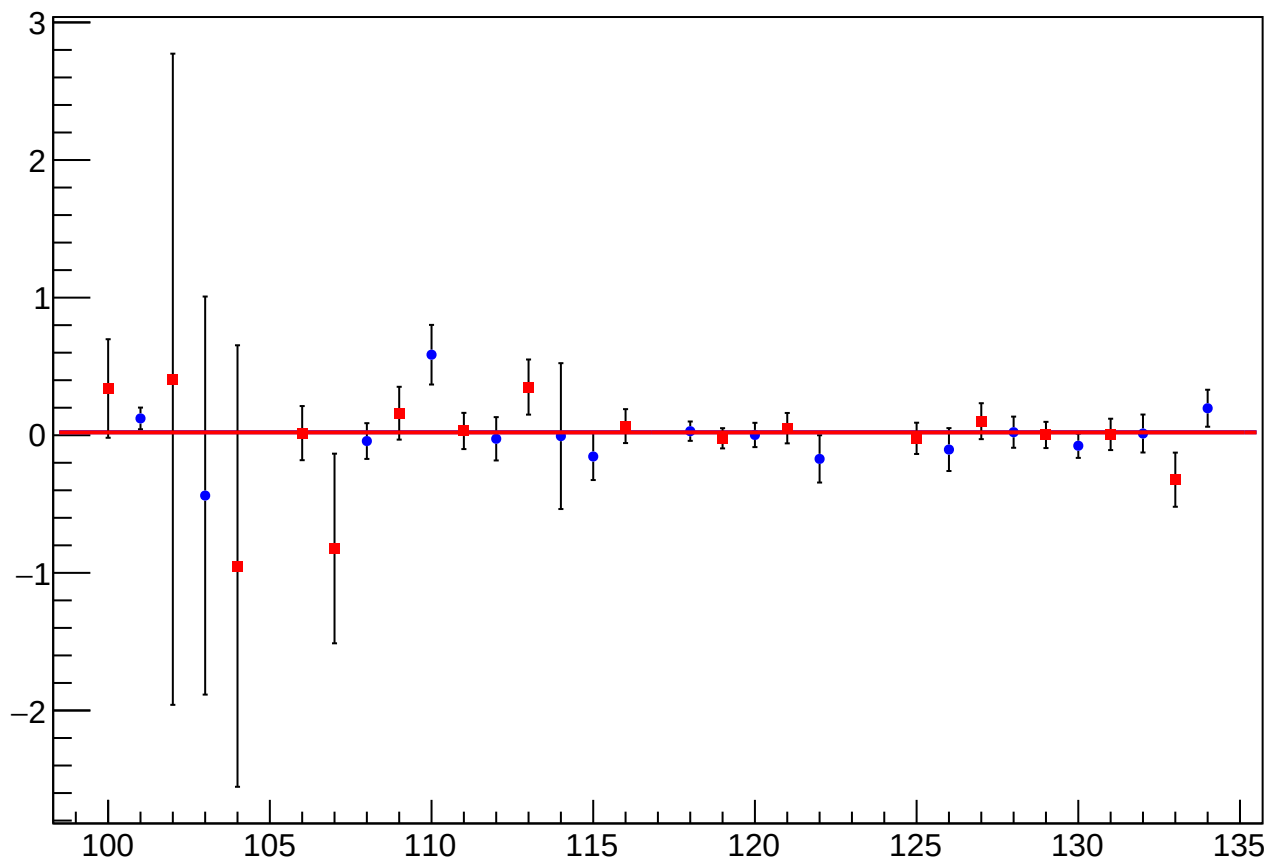
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6548361.5/30

- 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: 0.021 $\pm$ 0.035 χ^2 /NDF: 10.1/15

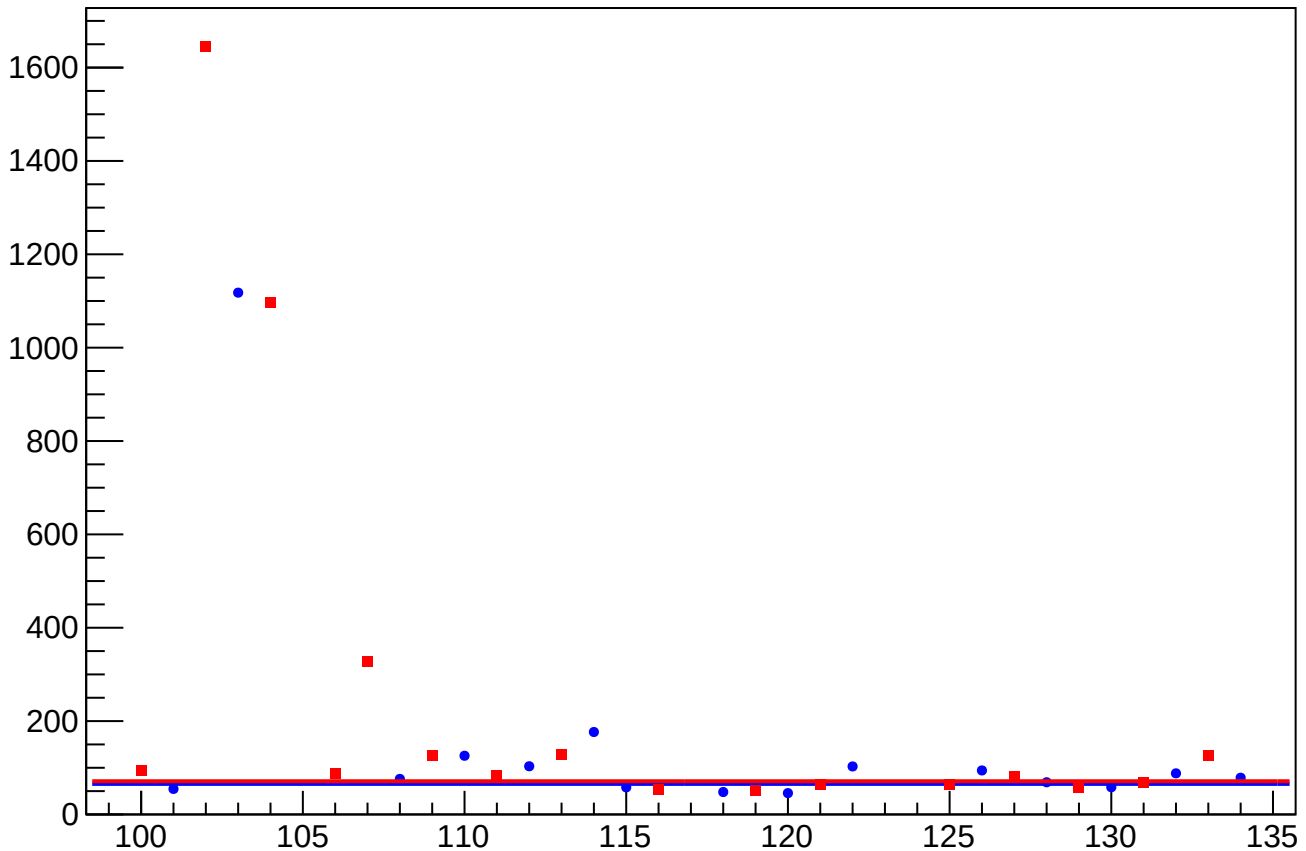
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.021 $\pm$ 0.023 χ^2 /NDF: 24.9/30

- 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 ± 0.022 χ^2/NDF : 1945491.9/14

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

Right Out: 71.153 ± 0.025 χ^2/NDF : 2753144.6/15

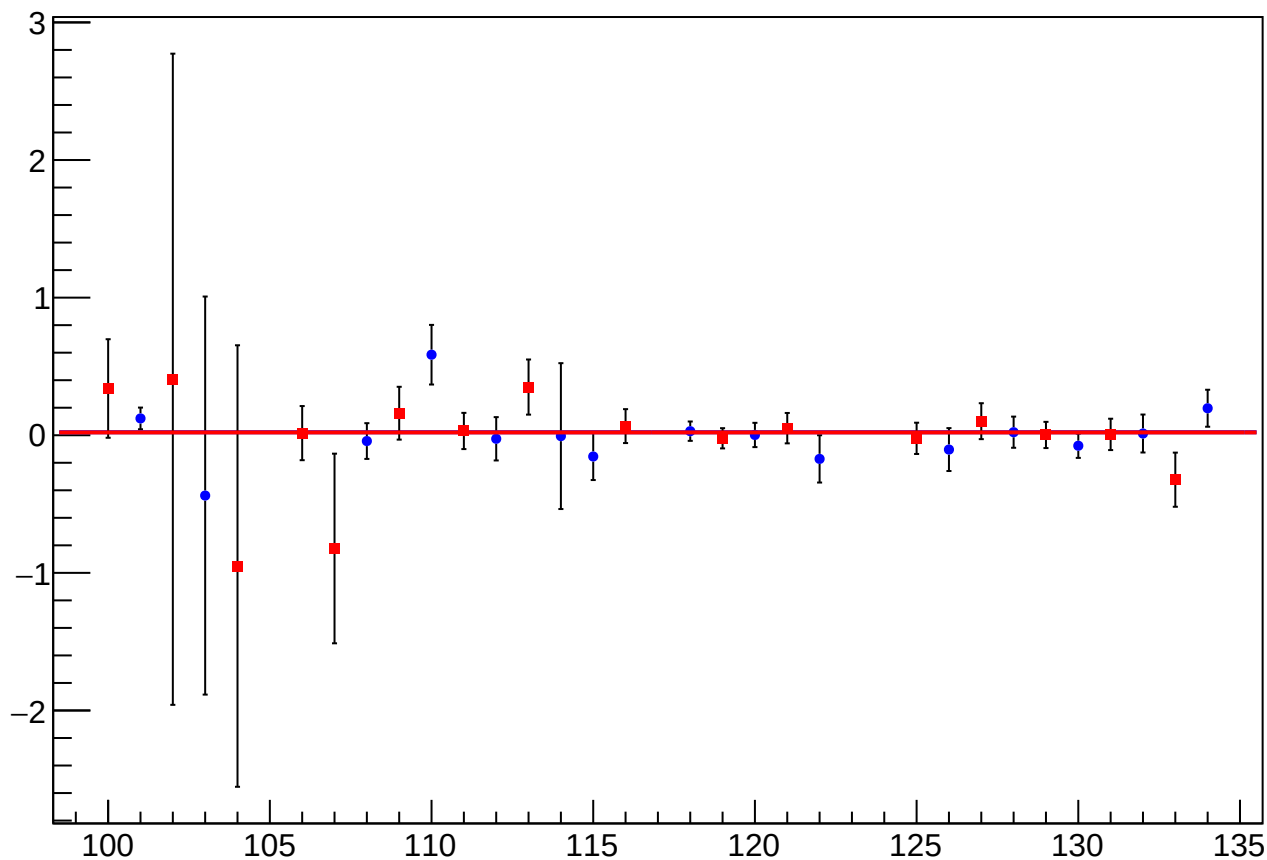
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 67.998 ± 0.016 χ^2/NDF : 4728259.3/30

- sign 0.000 ± 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: 0.021 $\pm$ 0.035 χ^2 /NDF: 10.1/15

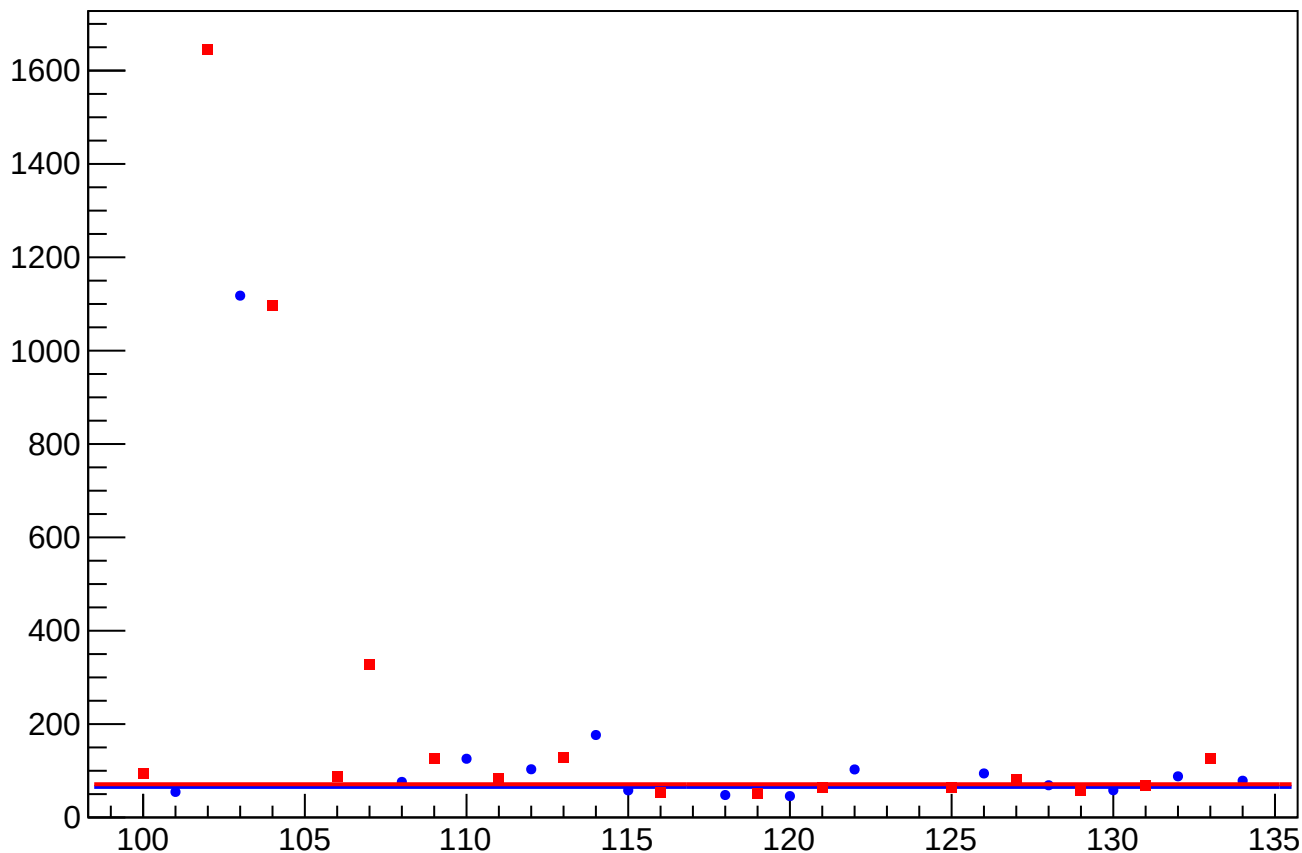
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.021 $\pm$ 0.023 χ^2 /NDF: 24.9/30

- 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: 71.153+/-0.025 χ^2/NDF : 2753144.6/15

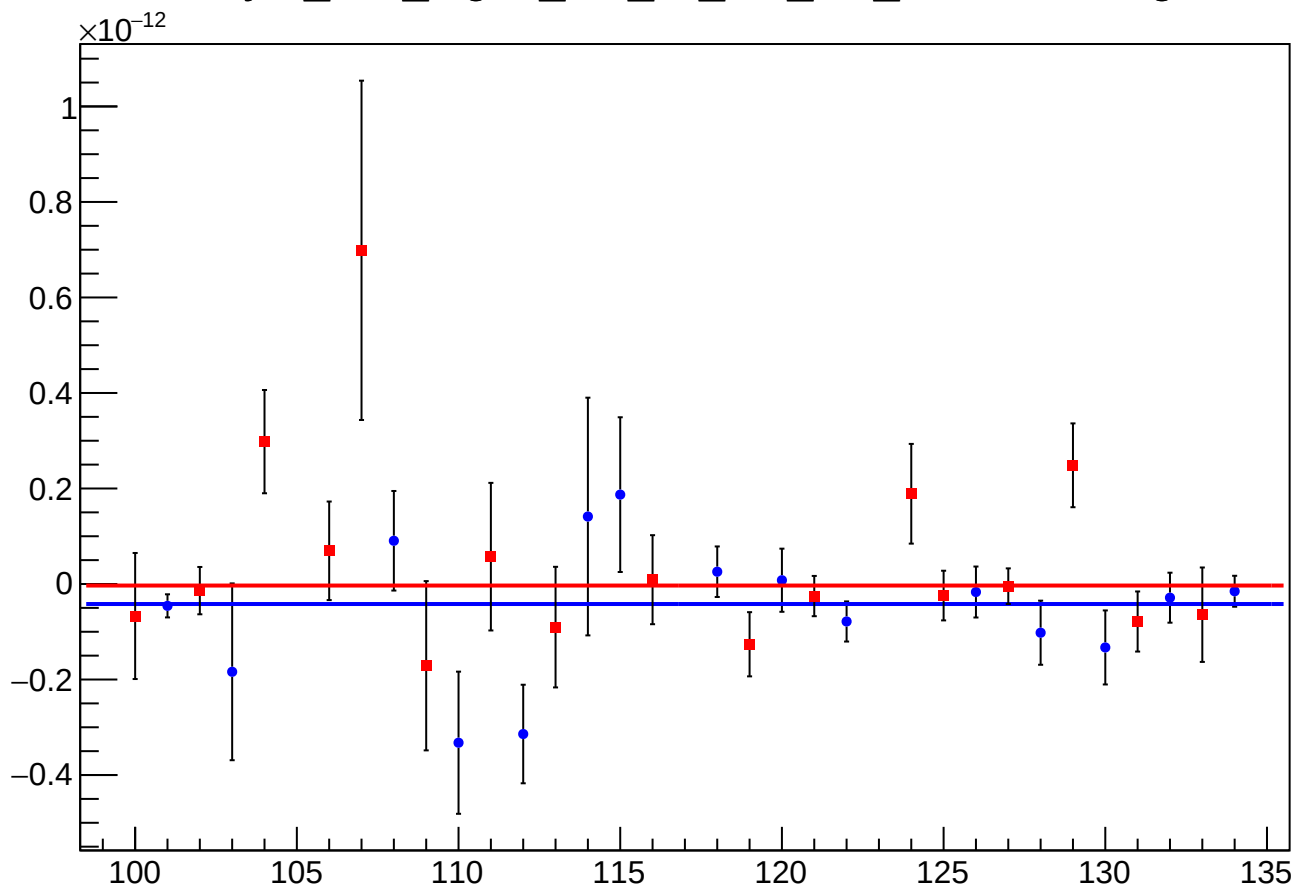
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.998+/-0.016 χ^2/NDF : 4728259.3/30

- 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 : 31.2/16

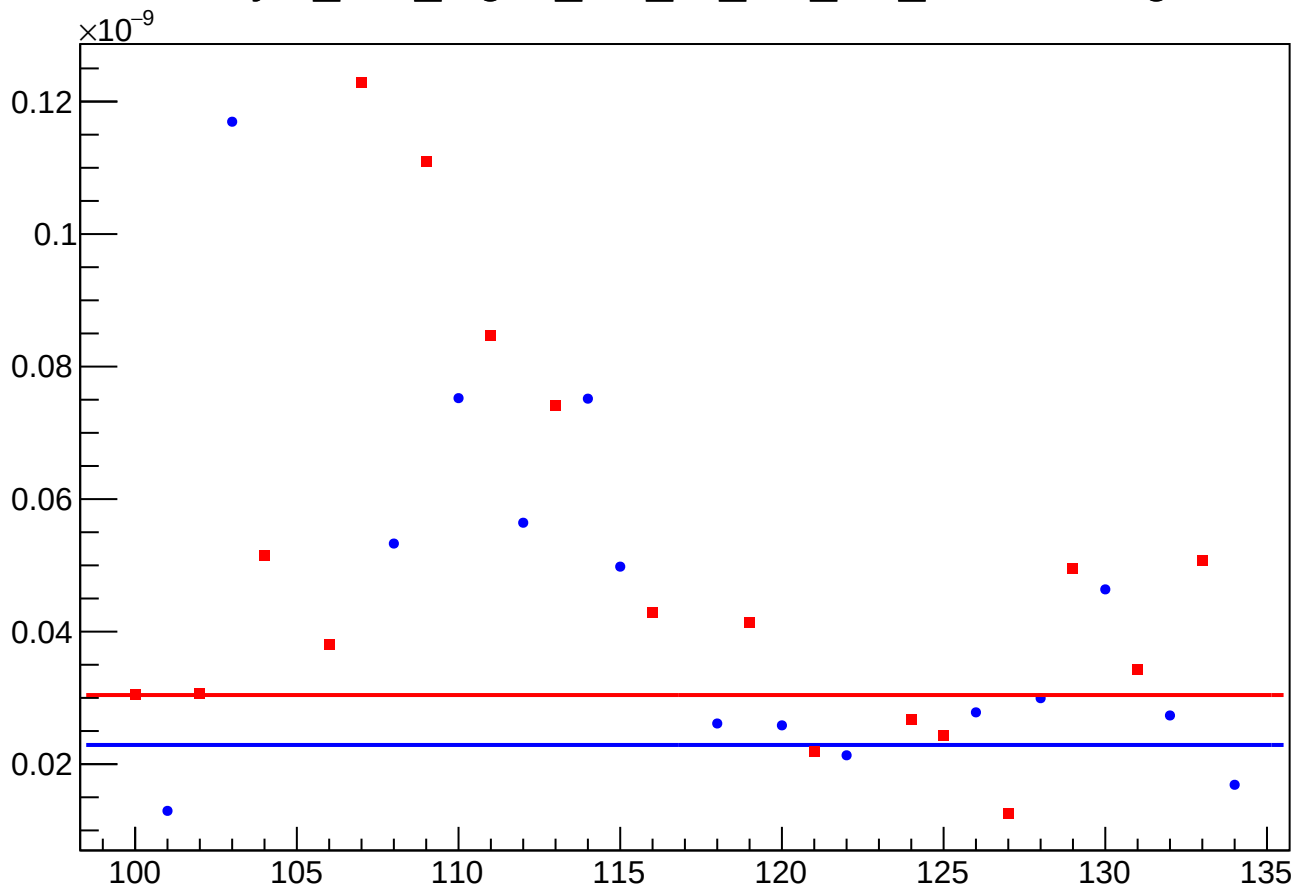
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 55.9/31

- 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 $\pm$ 0.000 χ^2 /NDF: 1946362.7/14

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1967754.9/16

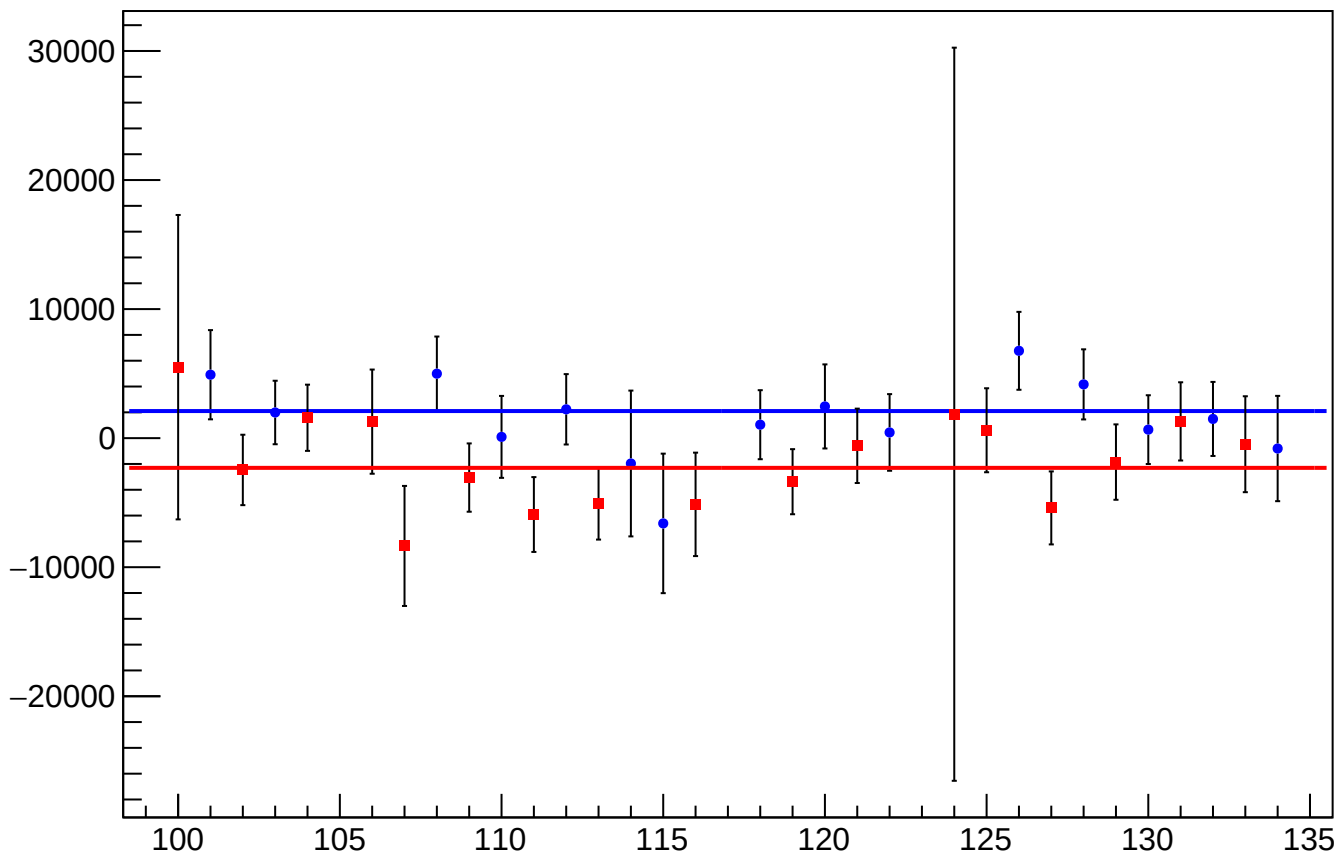
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 4146091.0/31

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

reg_asym_atl2_mean vs Slug



Right In: 2099.178+/-794.533 χ^2/NDF : 9.5/14

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

Right Out: -2302.332+/-778.342 χ^2/NDF : 12.6/16

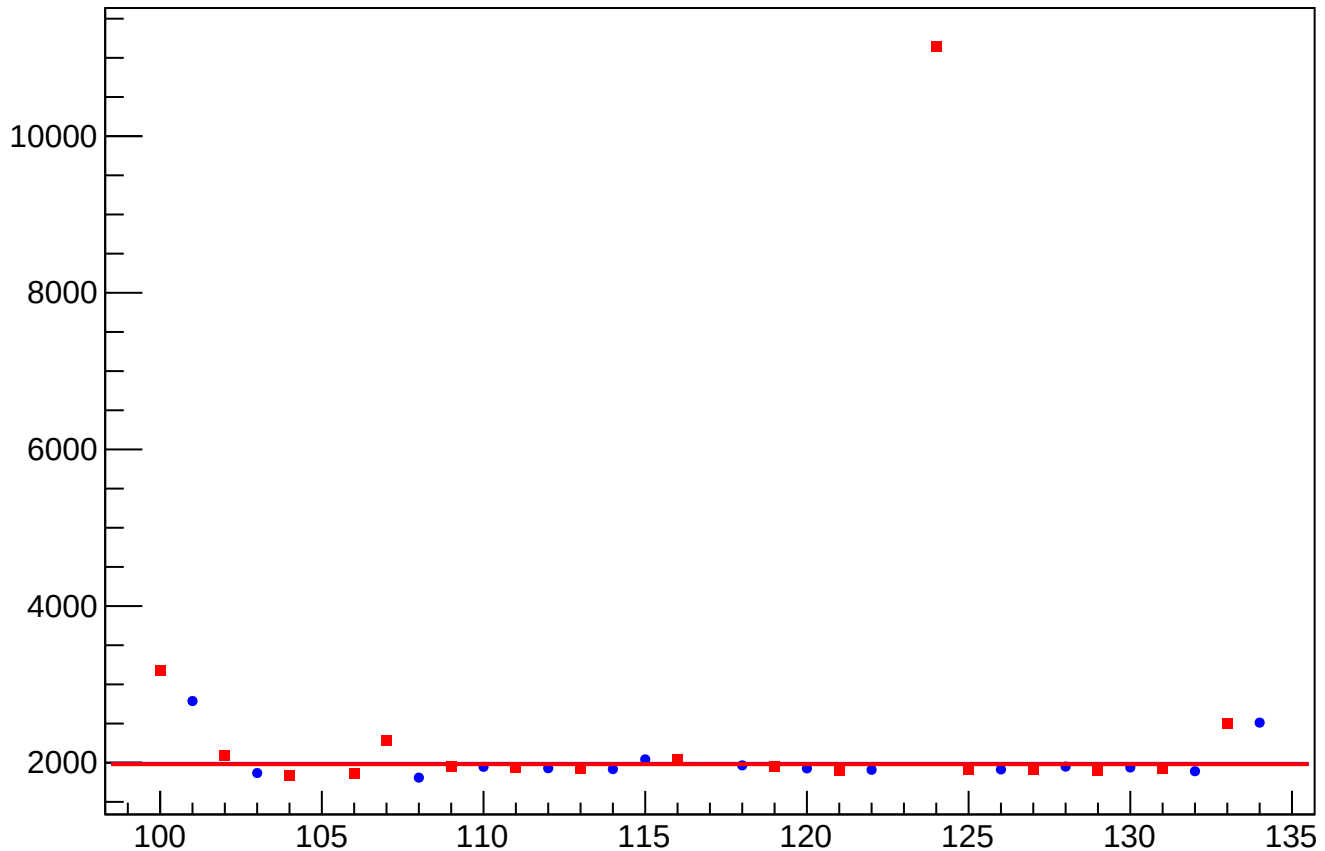
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -146.881+/-556.007 χ^2/NDF : 37.7/31

- sign 0.000+/-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: 1981.508+/-0.550 χ^2/NDF : 296038.7/16

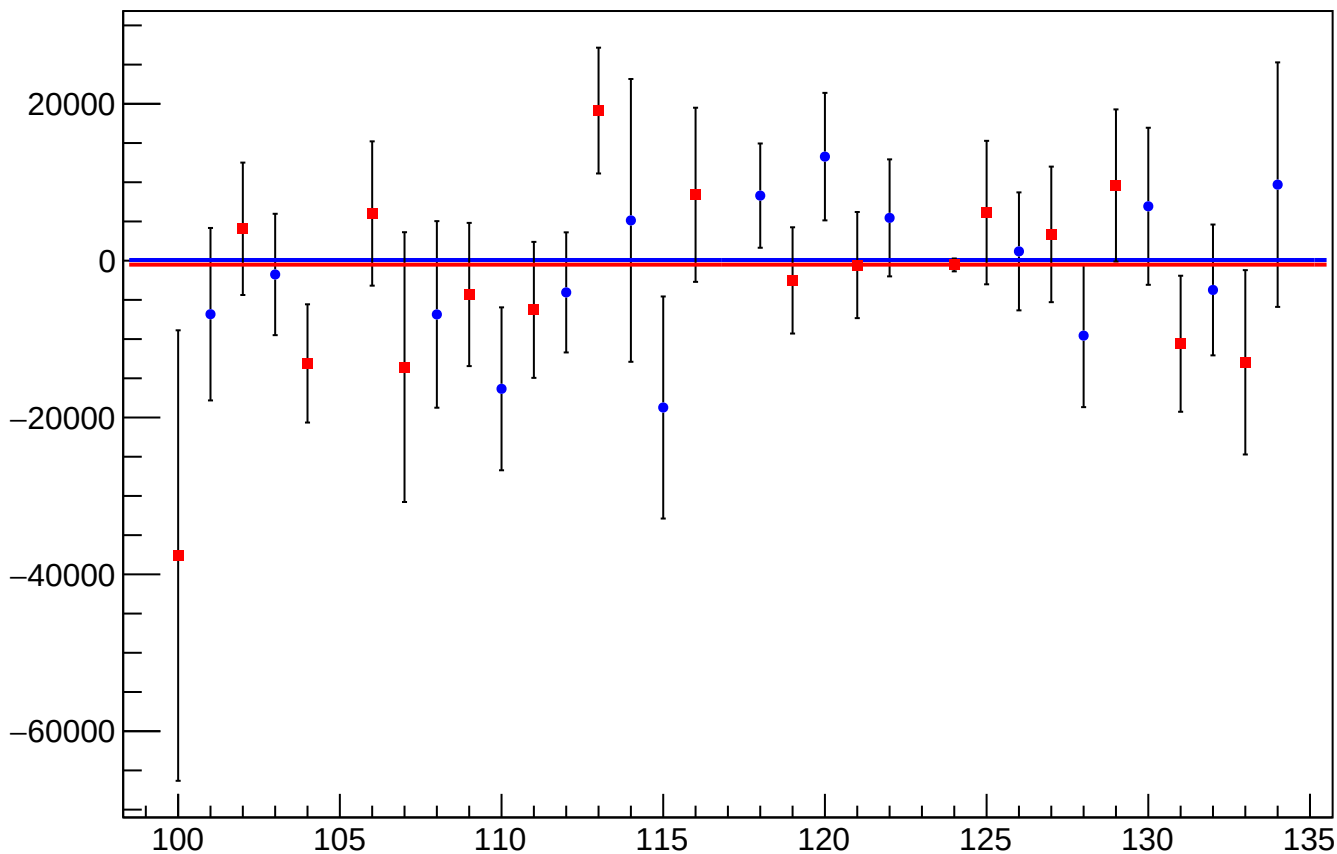
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1983.286+/-0.393 χ^2/NDF : 456857.6/31

- 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: -505.602+/-770.501 χ^2/NDF : 17.5/16

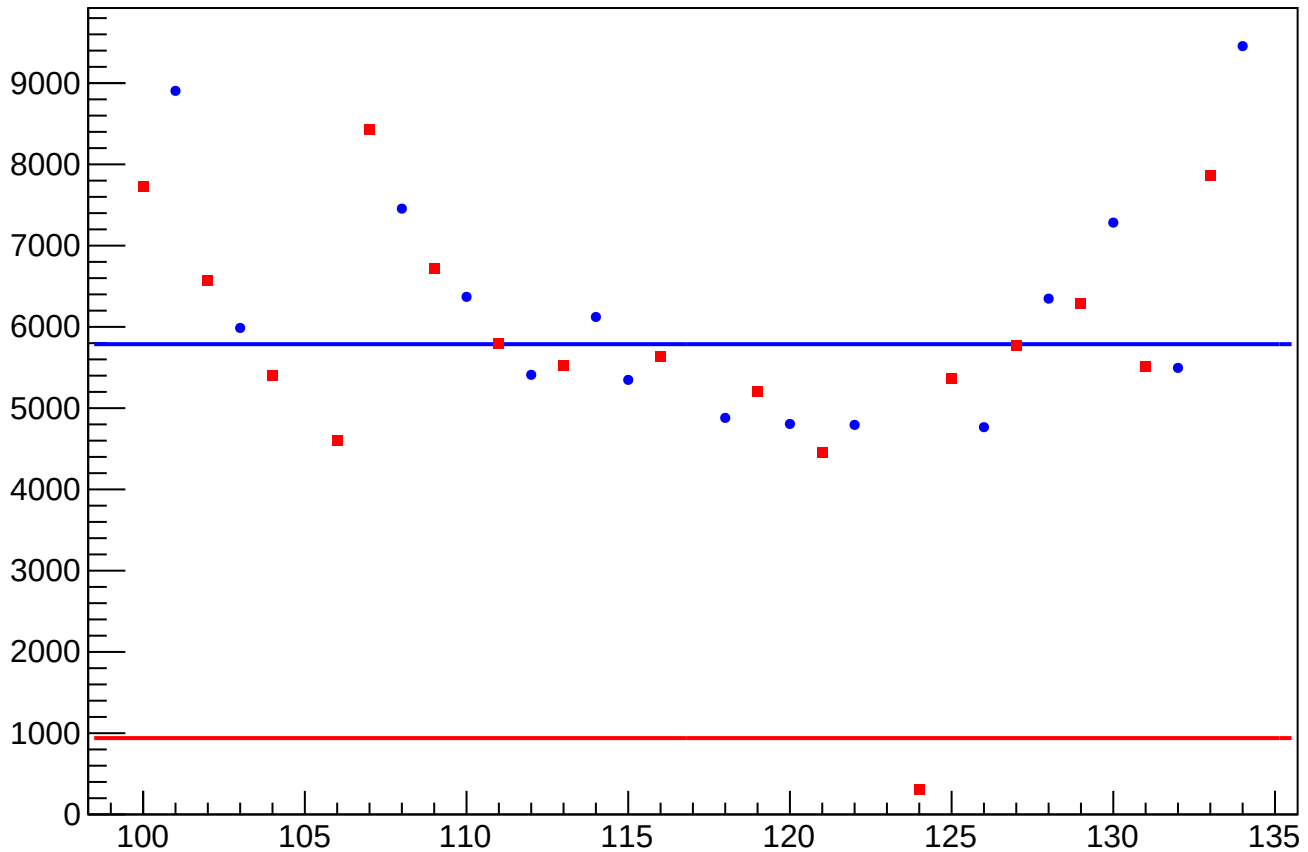
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -448.374+/-732.301 χ^2/NDF : 29.8/31

- 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

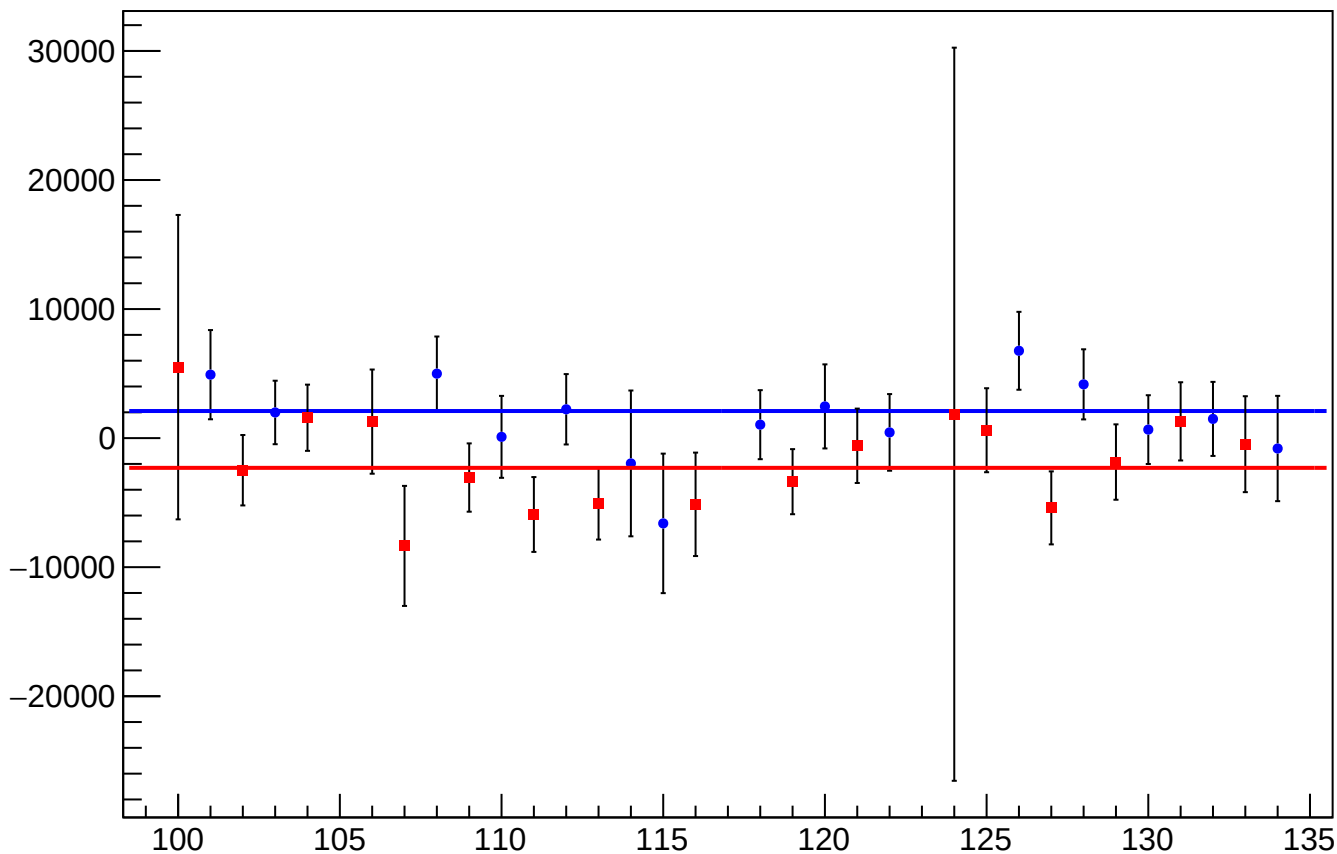
Right Out: 939.587+/-0.545 χ^2/NDF : 10294096.9/16

All: 1408.345+/-0.518 χ^2/NDF : 18468727.5/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

cor_asym_atl2_mean vs Slug



Right In: 2099.360+/-794.533 χ^2/NDF : 9.5/14

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

Right Out: -2304.183+/-778.350 χ^2/NDF : 12.6/16

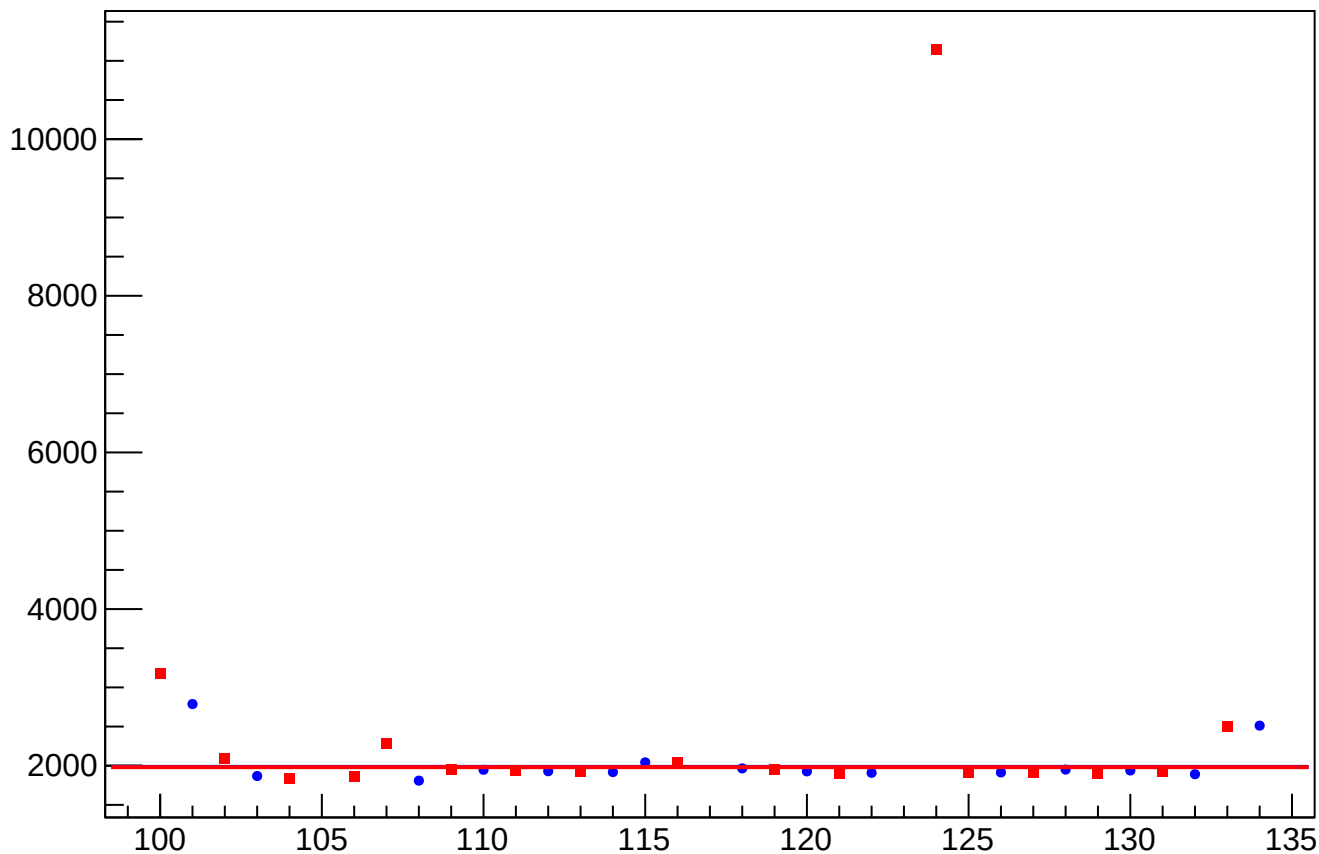
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -147.713+/-556.010 χ^2/NDF : 37.7/31

- sign 0.000+/-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: 1981.530+/-0.550 χ^2/NDF : 296056.2/16

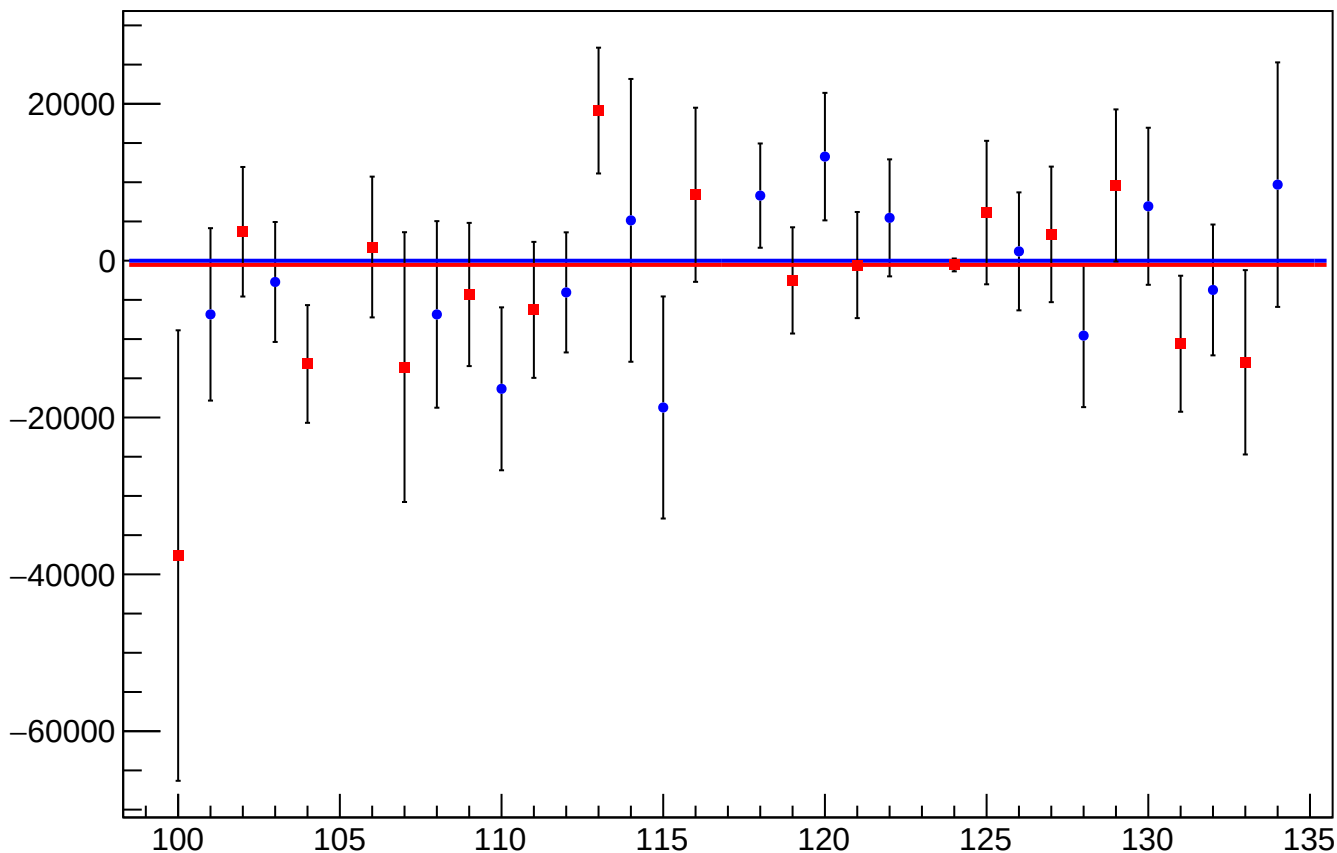
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1983.298+/-0.393 χ^2/NDF : 456874.7/31

- 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: -539.092 ± 770.158 χ^2/NDF : 17.0/16

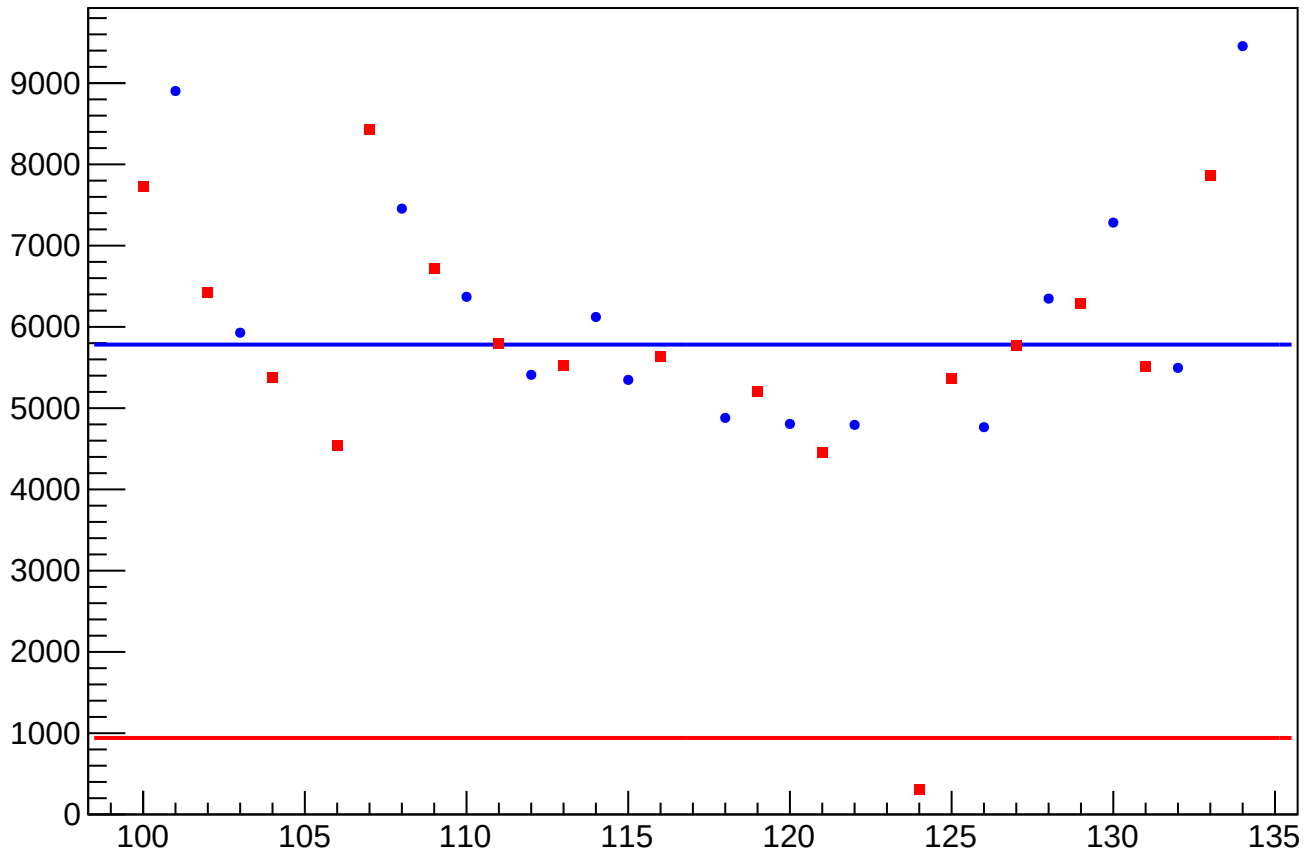
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -487.809 ± 731.929 χ^2/NDF : 29.5/31

- 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

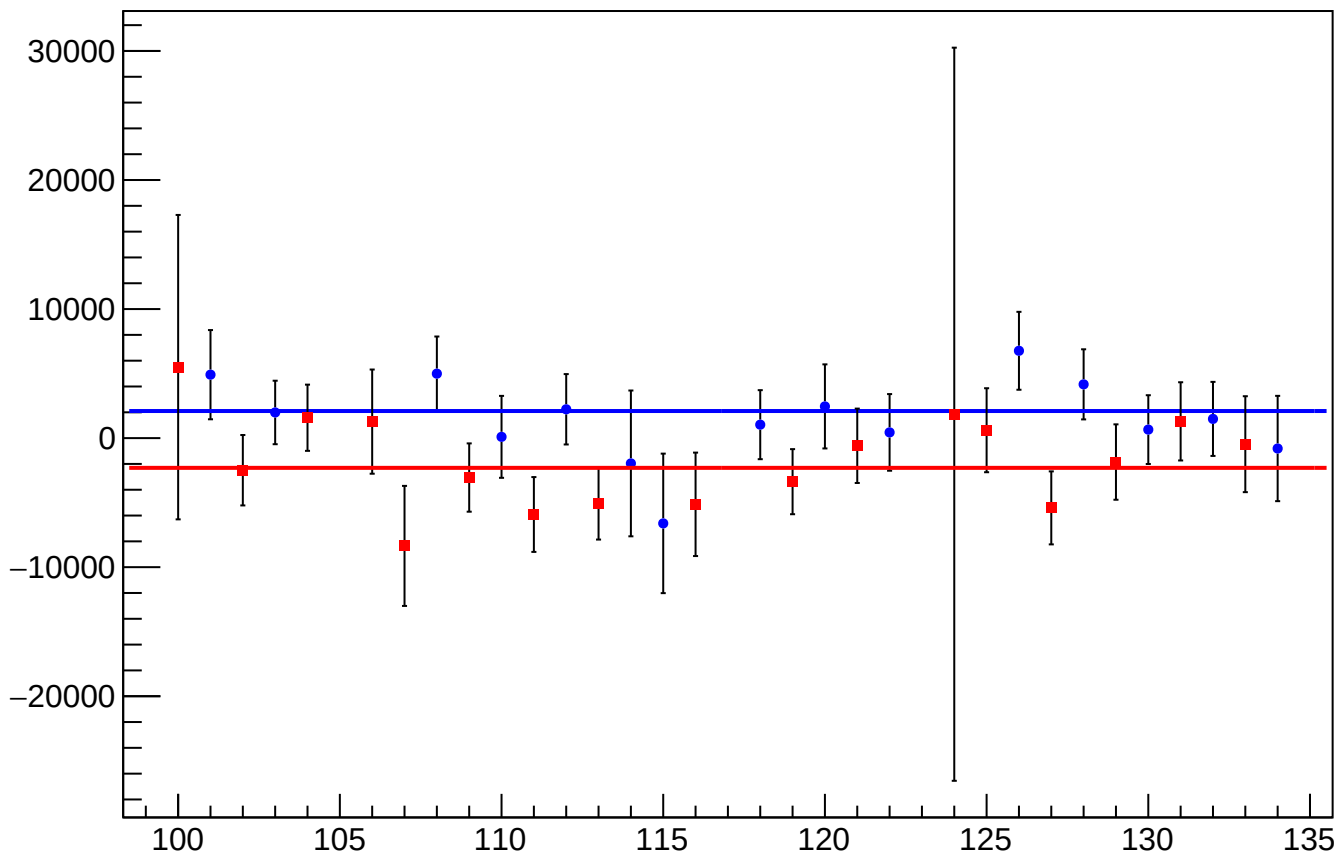
Right Out: 941.364+/-0.545 χ^2/NDF : 10290767.6/16

All: 1410.011+/-0.518 χ^2/NDF : 18458678.8/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

eigen_cor_asym_atl2_mean vs Slug



Right In: 2099.360+/-794.533 χ^2/NDF : 9.5/14

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

Right Out: -2304.183+/-778.350 χ^2/NDF : 12.6/16

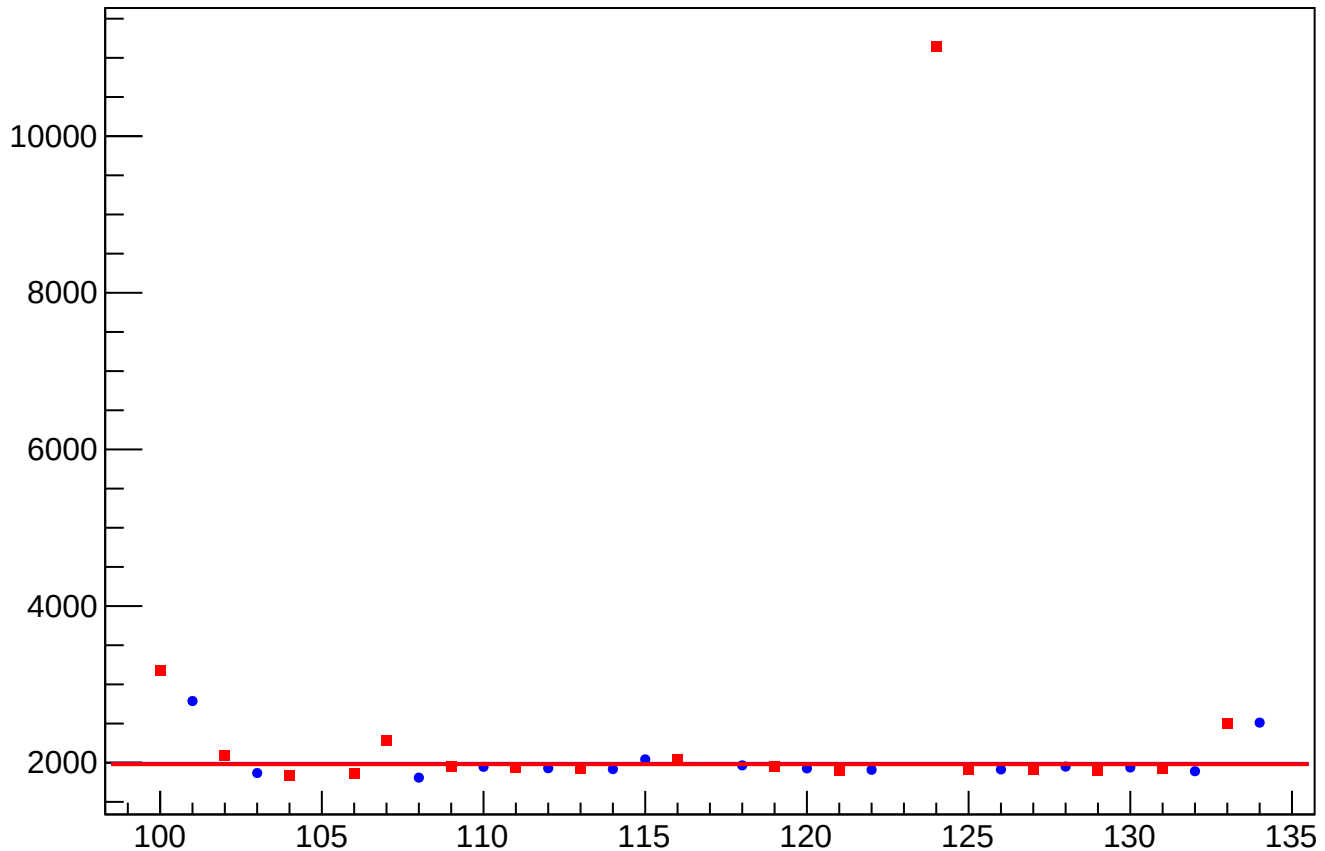
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -147.713+/-556.010 χ^2/NDF : 37.7/31

- sign 0.000+/-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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

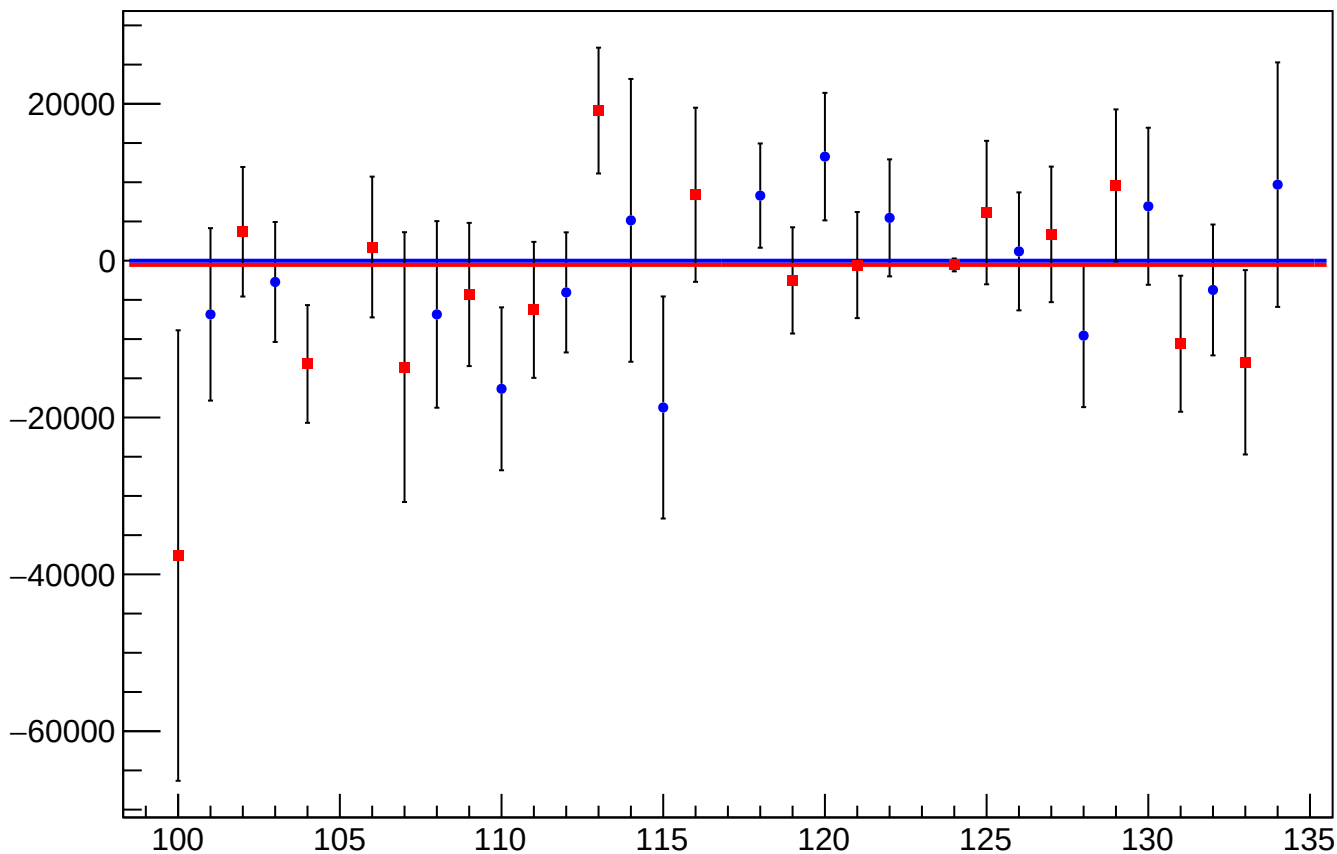
Right Out: 1981.530+/-0.550 χ^2/NDF : 296056.2/16

All: 1983.298+/-0.393 χ^2/NDF : 456874.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_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: -539.092+/-770.158 χ^2/NDF : 17.0/16

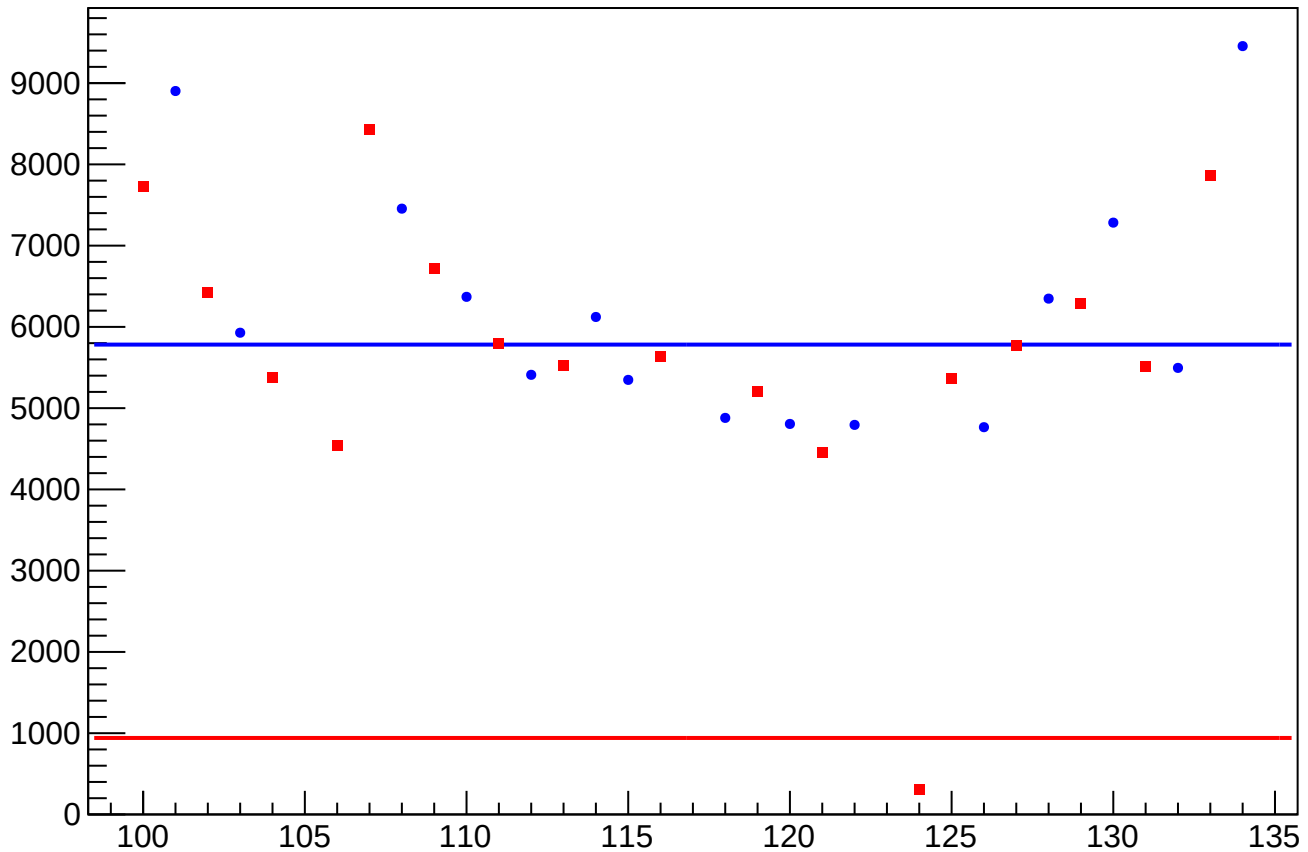
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -487.809+/-731.929 χ^2/NDF : 29.5/31

- 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

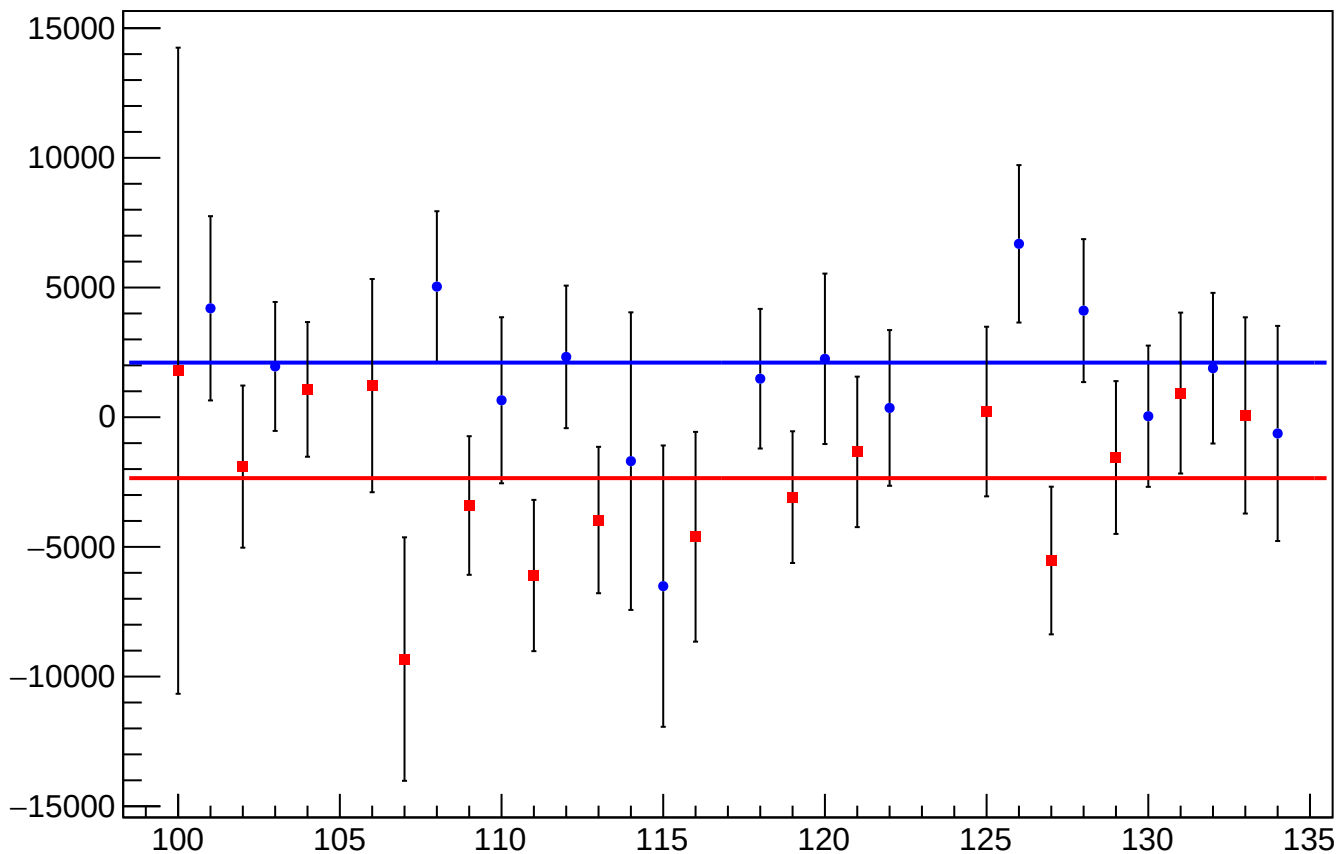
Right Out: 941.364+/-0.545 χ^2/NDF : 10290767.6/16

All: 1410.011+/-0.518 χ^2/NDF : 18458678.8/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_asym_atl2_mean vs Slug



Right In: 2105.236+/-803.963 χ^2/NDF : 8.8/14

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

Right Out: -2349.227+/-794.122 χ^2/NDF : 10.9/15

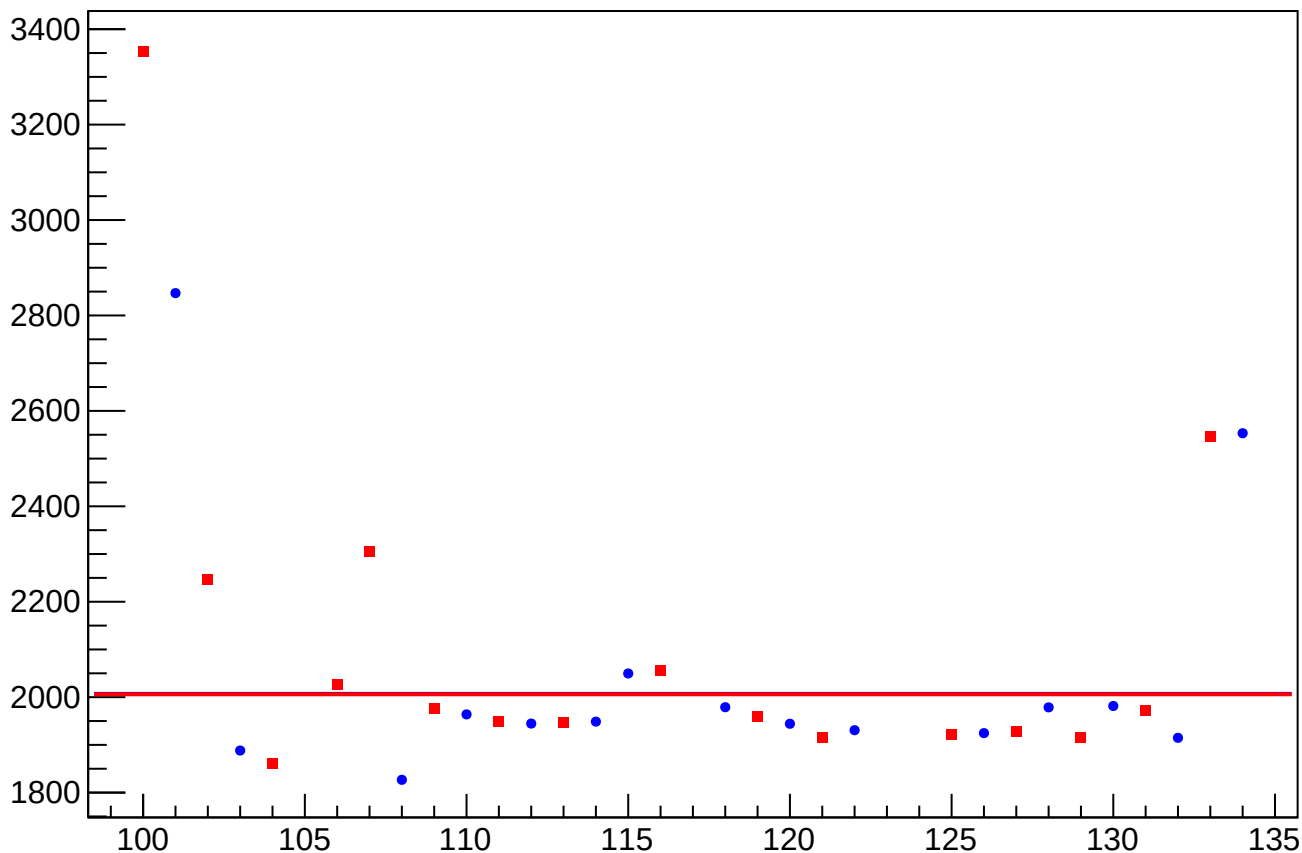
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -149.426+/-564.976 χ^2/NDF : 35.2/30

- sign 0.000+/-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

Right Out: 2006.103+/-0.561 χ^2/NDF : 100276.6/15

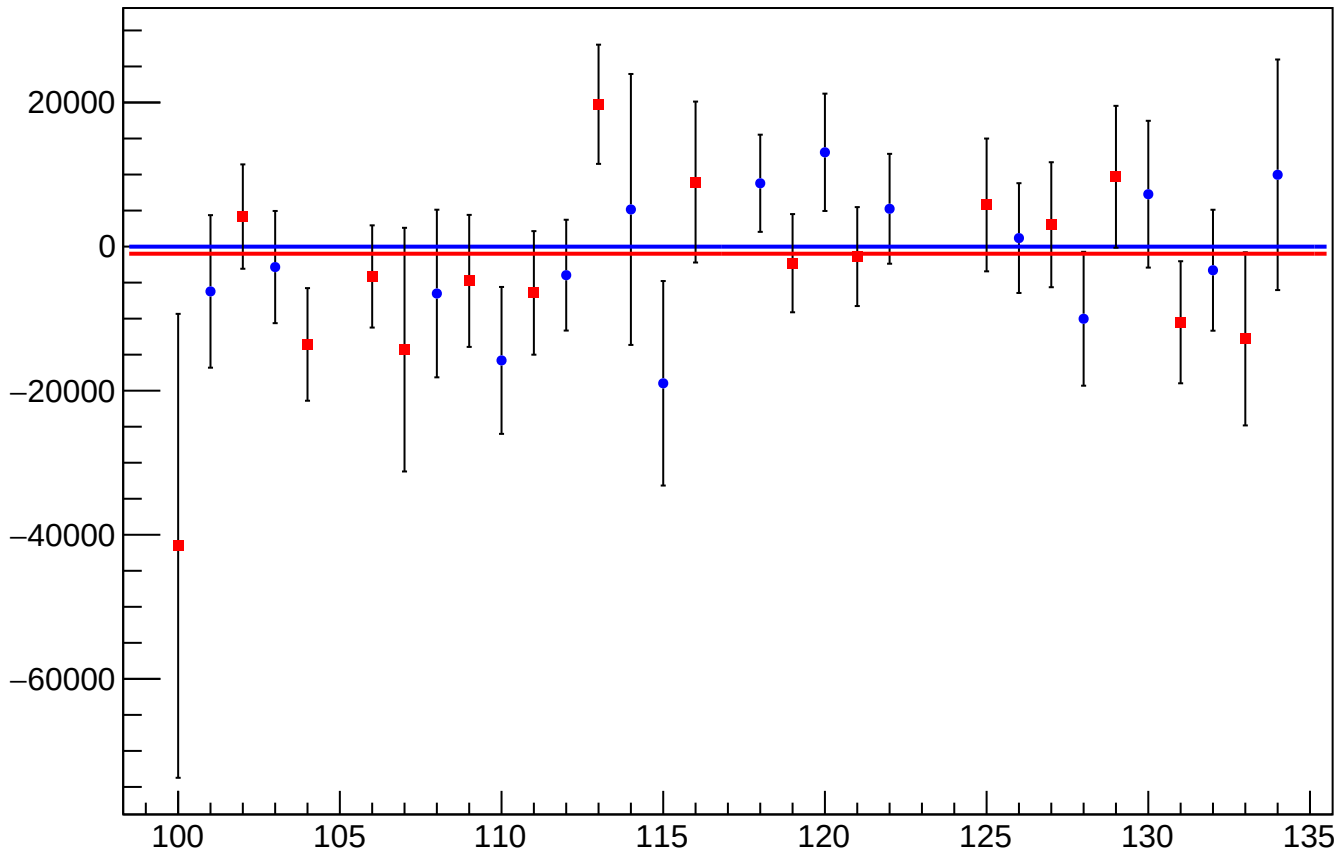
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2006.479+/-0.399 χ^2/NDF : 266842.7/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_dit_correction_mean vs Slug



Right In: -9.659 $\pm$ 2370.662 χ^2/NDF : 12.3/14

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

Right Out: -990.337 $\pm$ 2198.588 χ^2/NDF : 17.4/15

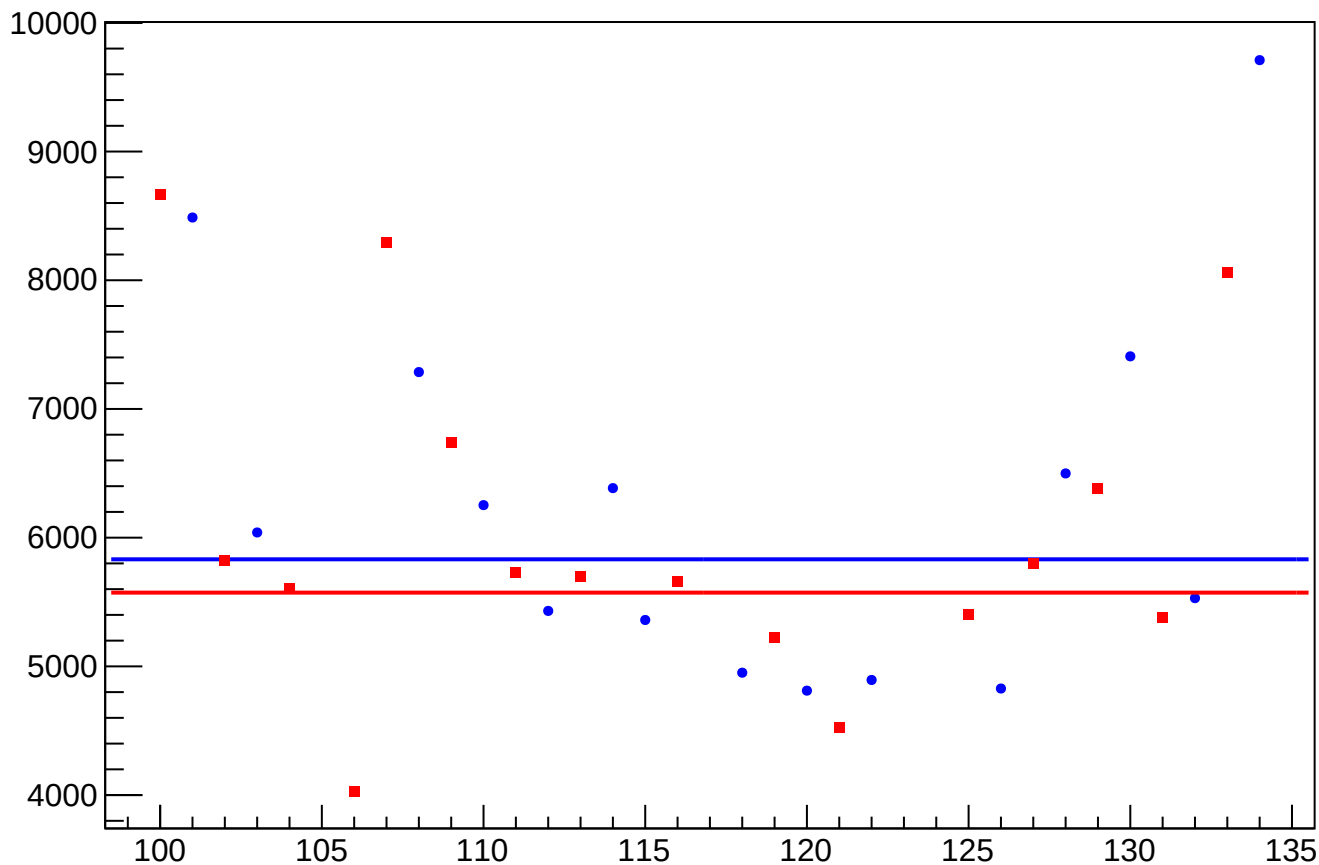
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: -536.877 $\pm$ 1612.040 χ^2/NDF : 29.8/30

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

asym_atl2_dit_correction_rms vs Slug



Right In: 5831.787 $\pm$ 1.676 χ^2 /NDF: 480113.3/14

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

Right Out: 5572.997 $\pm$ 1.555 χ^2 /NDF: 355189.2/15

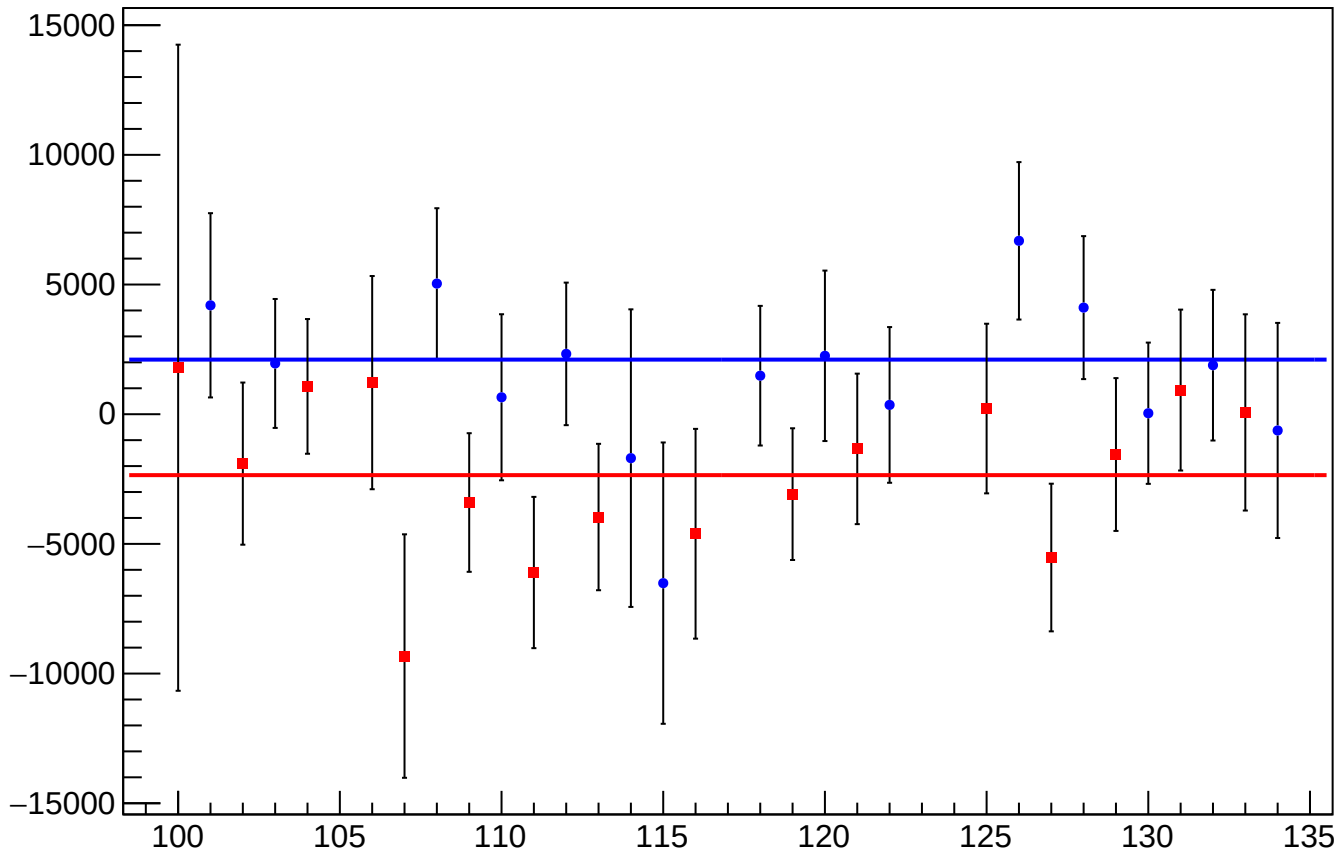
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 5692.660 $\pm$ 1.140 χ^2 /NDF: 848115.4/30

- sign 0.000 $\pm$ 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: -2349.232 $\pm$ 794.122 χ^2 /NDF: 10.9/15

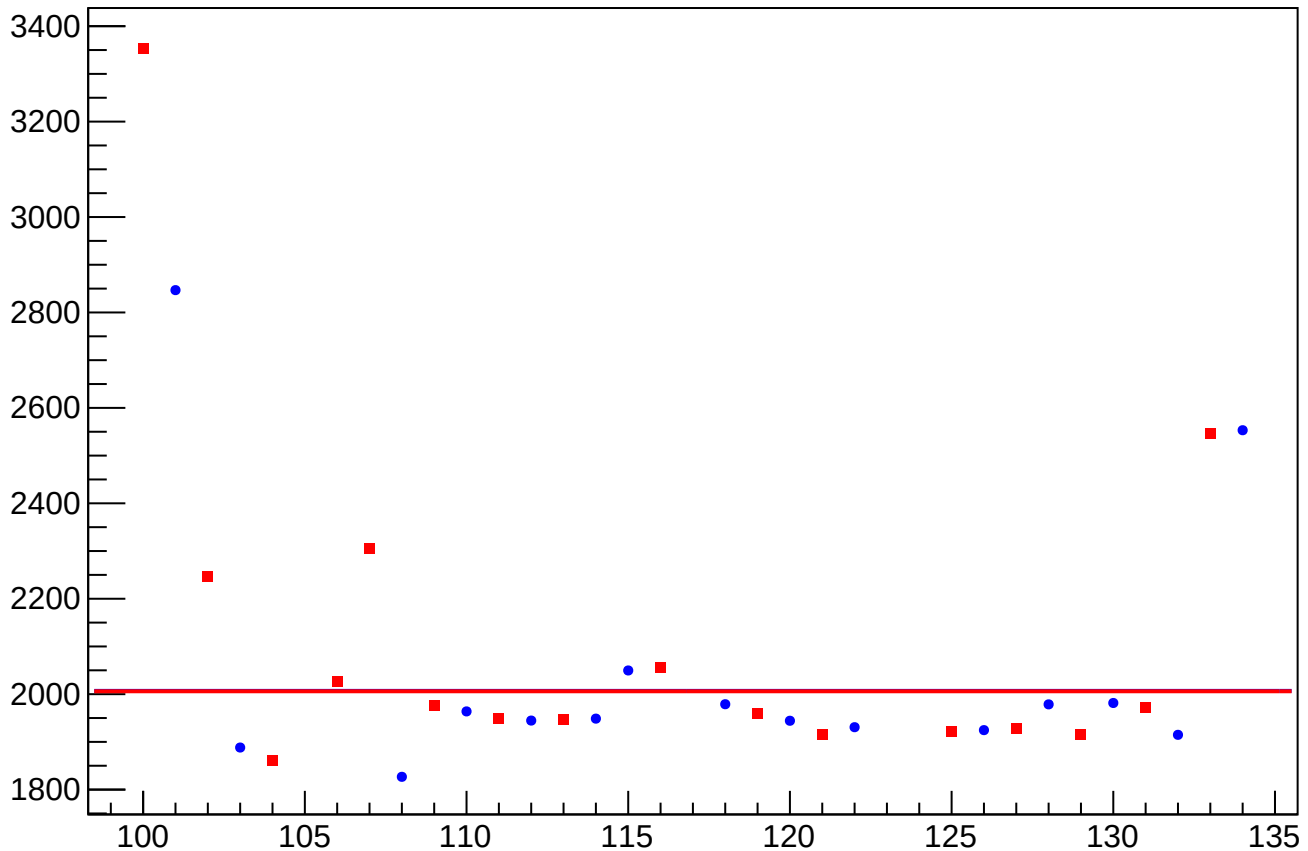
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -149.424 $\pm$ 564.976 χ^2 /NDF: 35.2/30

- 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

Right Out: 2006.103+/-0.561 χ^2/NDF : 100276.5/15

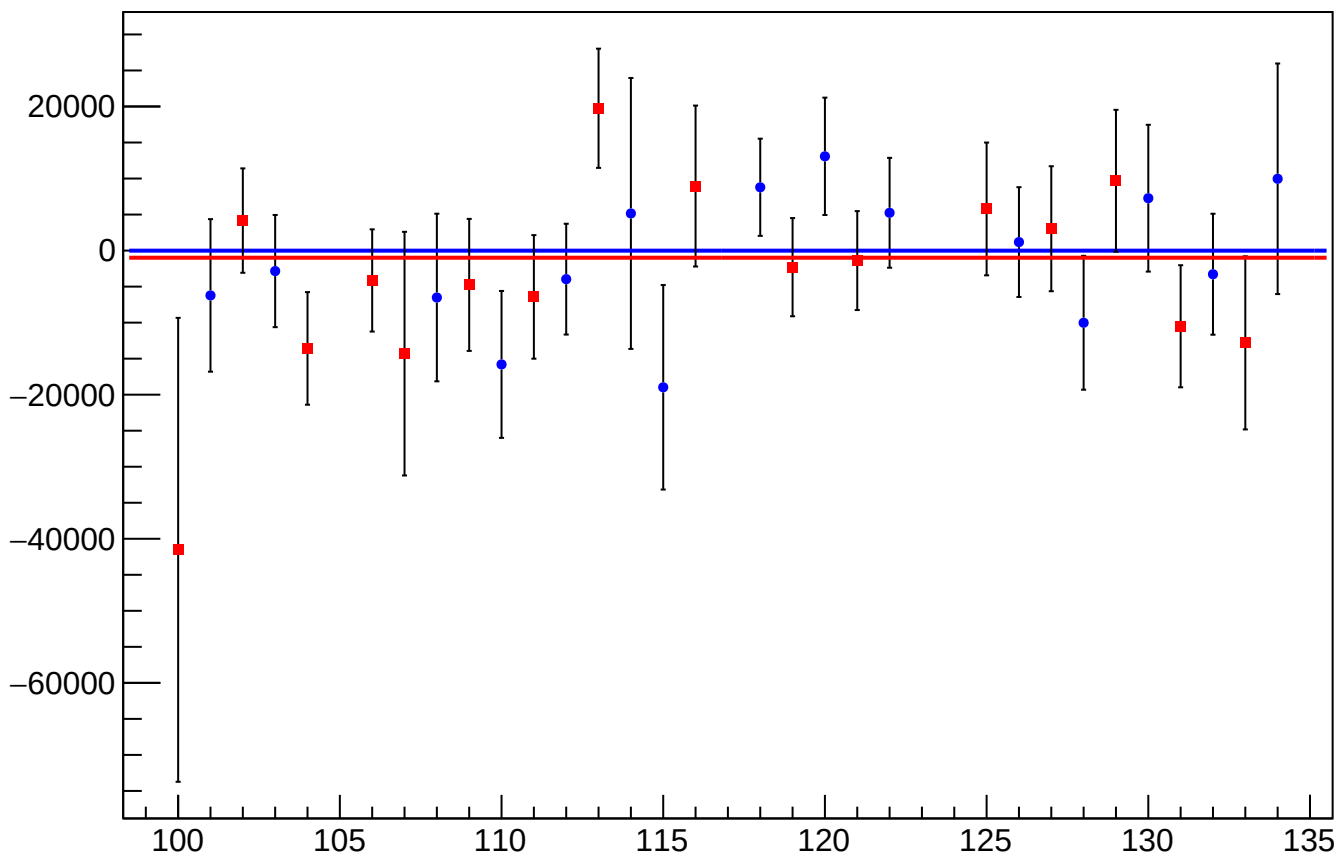
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2006.478+/-0.399 χ^2/NDF : 266842.4/30

- sign 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: -990.342+/-2198.581 χ^2/NDF : 17.4/15

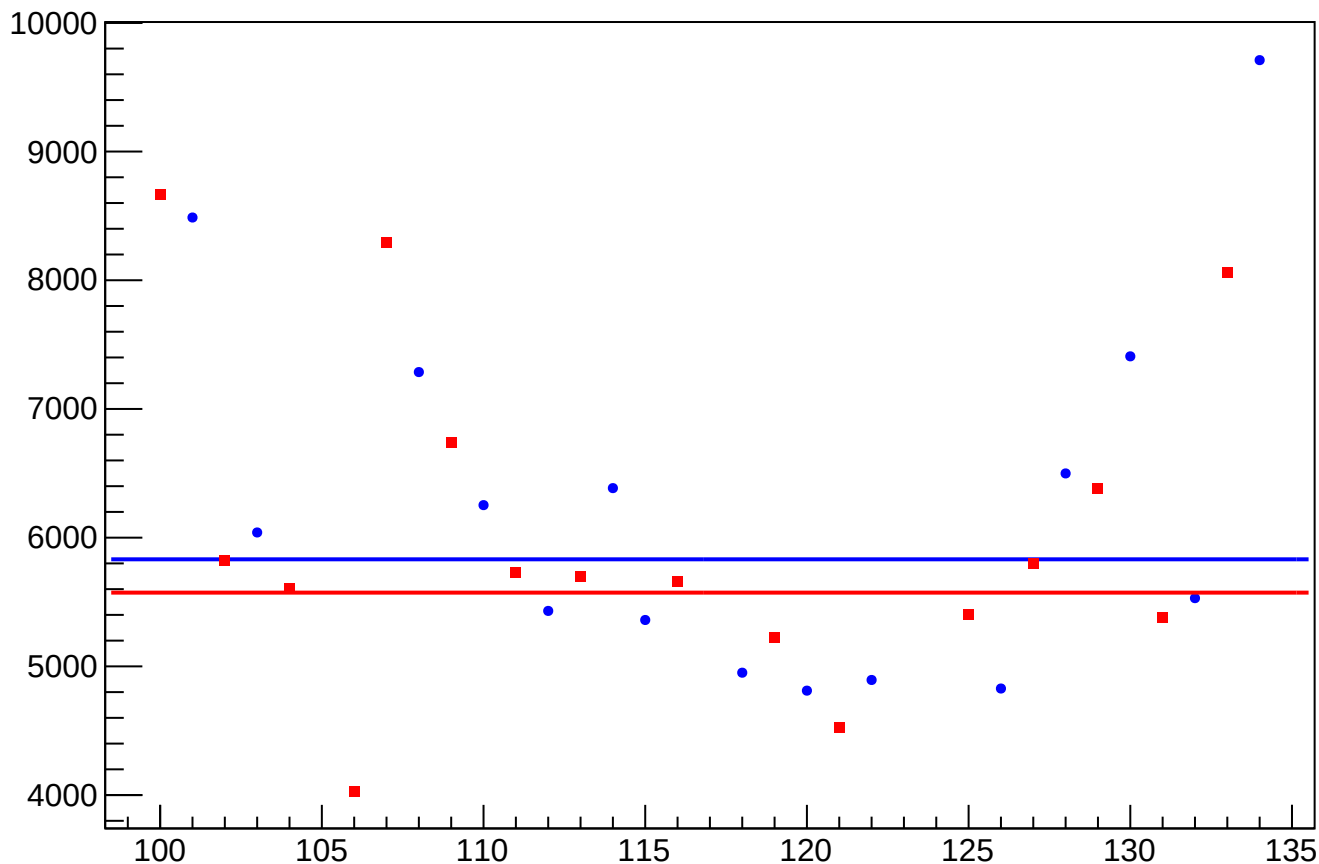
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -536.877+/-1612.035 χ^2/NDF : 29.8/30

- 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: 5572.980+/-1.555 χ^2/NDF : 355189.7/15

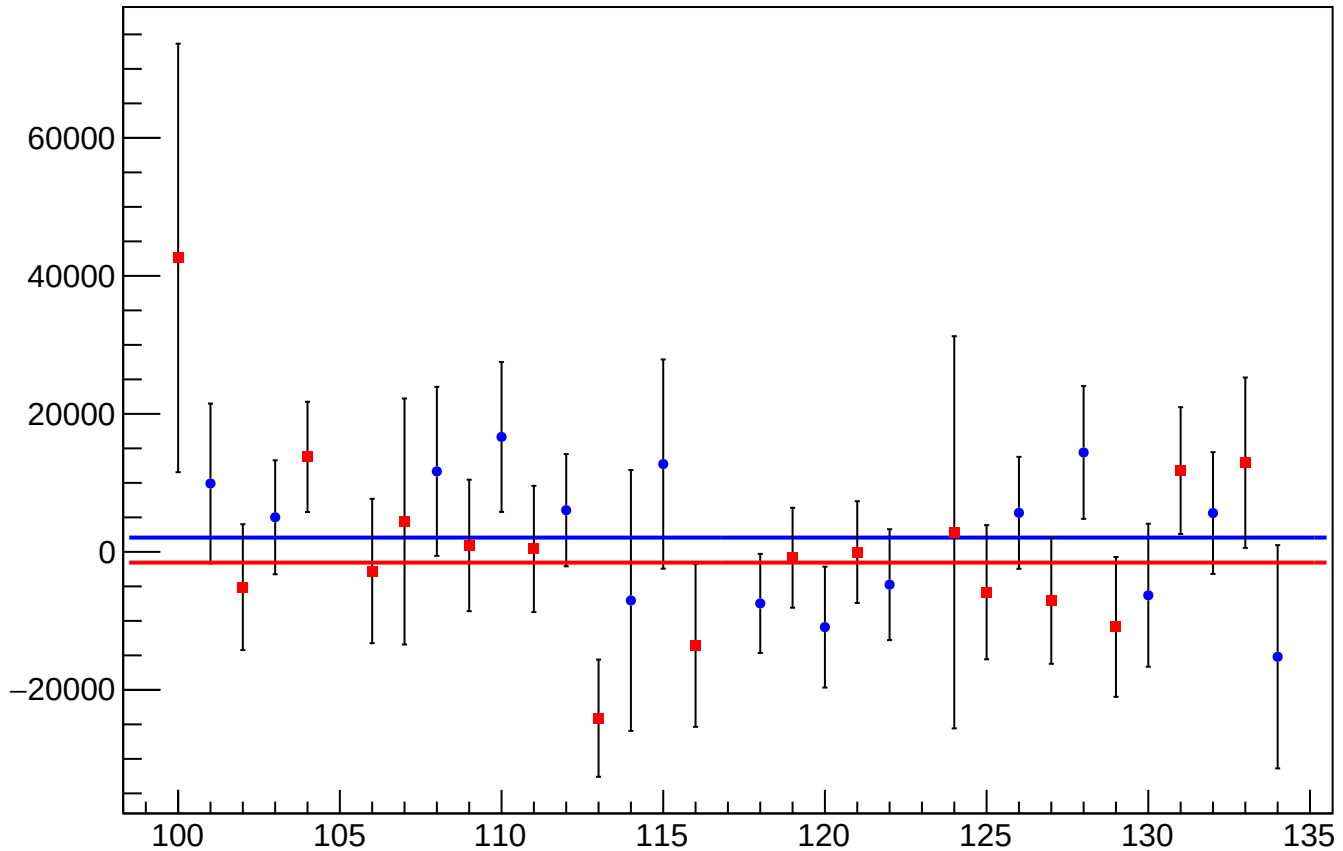
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5692.642+/-1.140 χ^2/NDF : 848120.0/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_mean vs Slug



Right In: 2071.161+/-2504.389 χ^2/NDF : 12.4/14

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

Right Out: -1551.656+/-2394.366 χ^2/NDF : 19.1/16

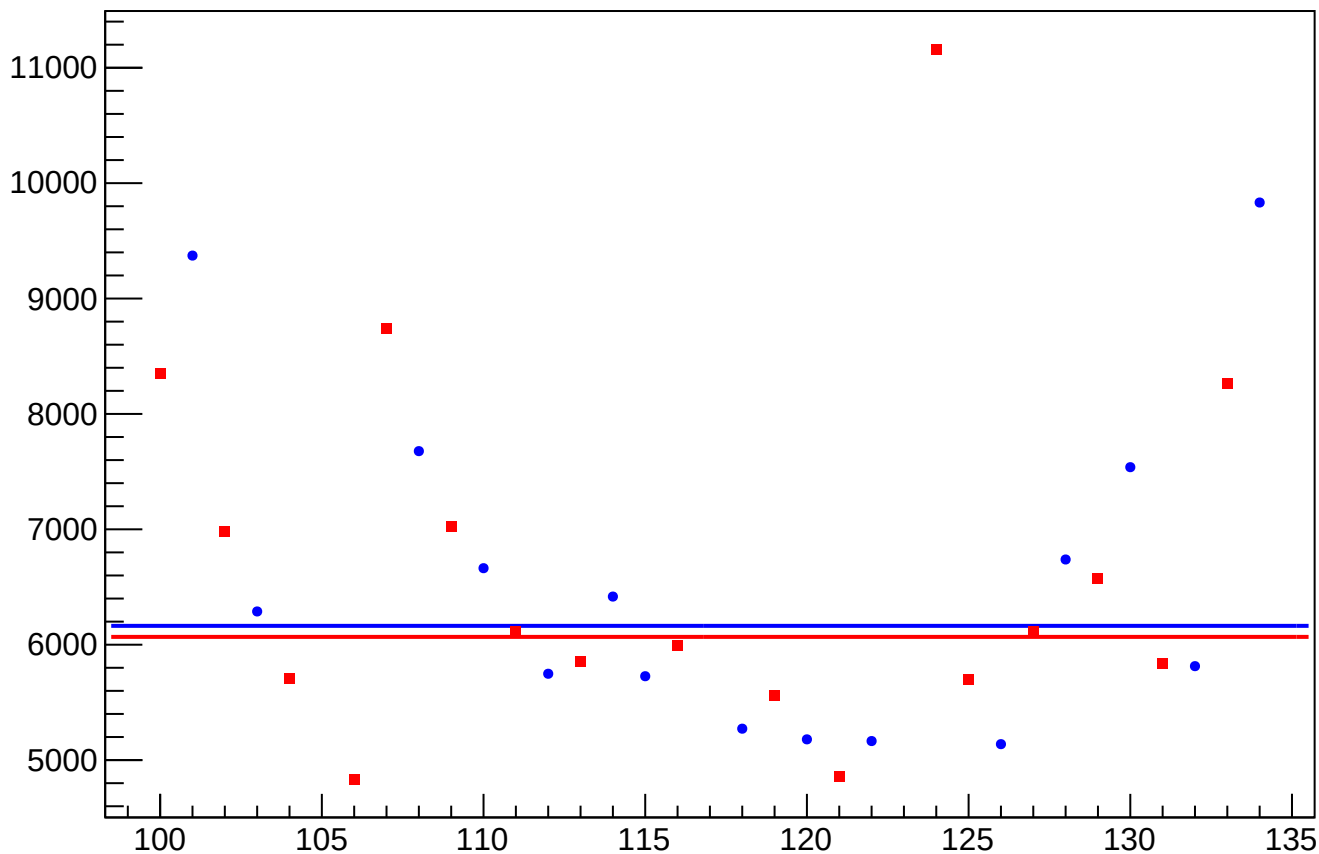
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.428+/-1730.661 χ^2/NDF : 32.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_rms vs Slug



Right In: 6163.436 $\pm$ 1.771 χ^2 /NDF: 463354.7/14

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

Right Out: 6067.767 $\pm$ 1.693 χ^2 /NDF: 329421.1/16

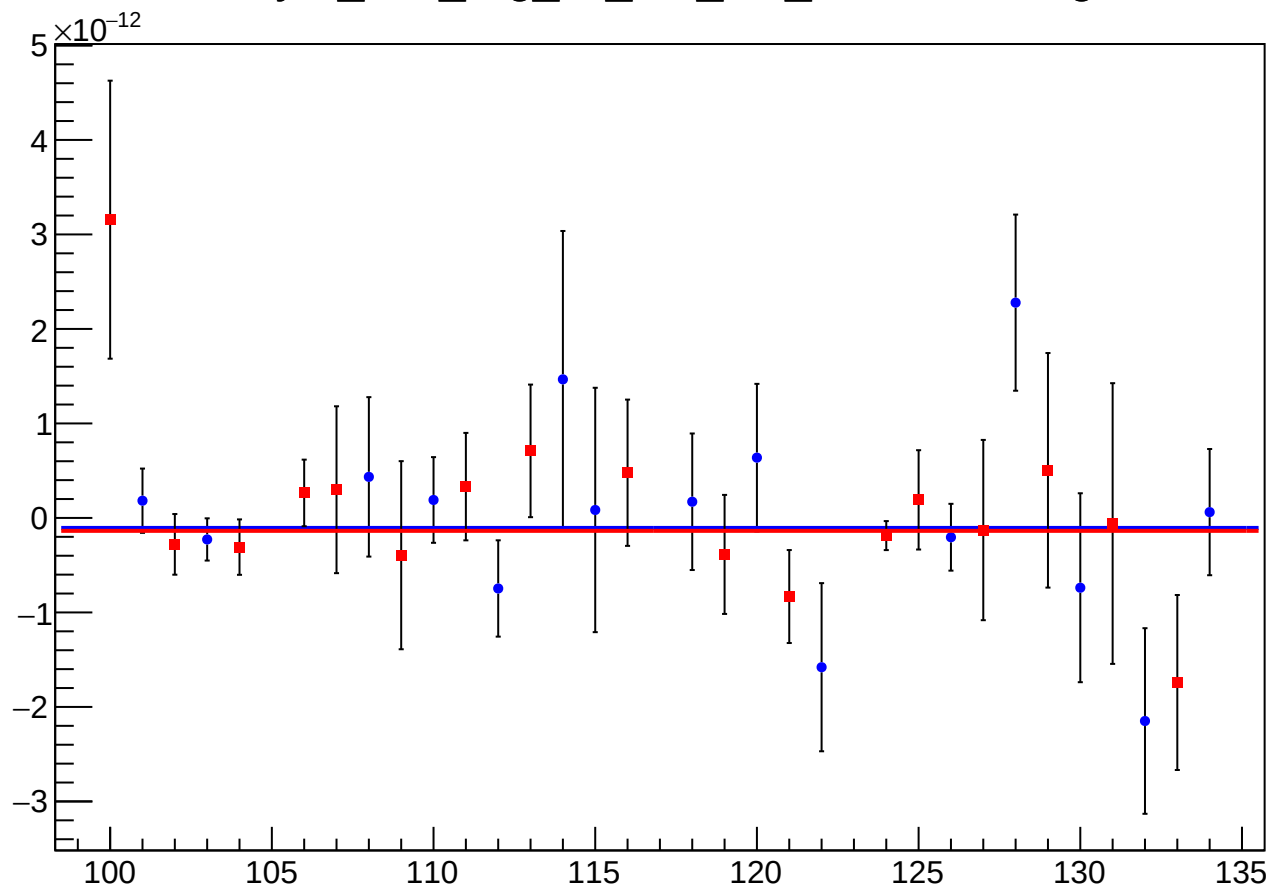
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 6113.454 $\pm$ 1.224 χ^2 /NDF: 794300.7/31

- sign 0.000 $\pm$ 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: 15.8/16

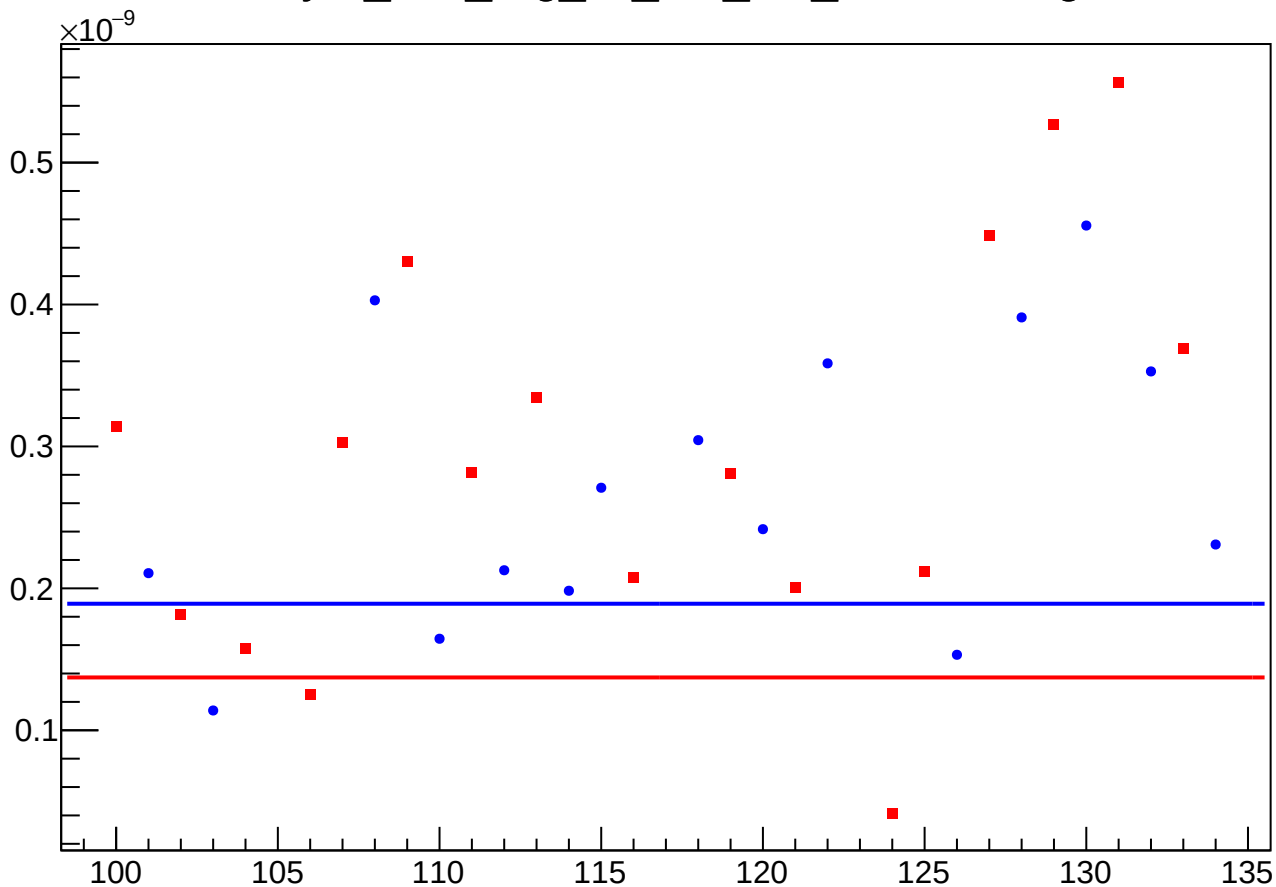
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 35.5/31

- 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 : 2281594.2/16

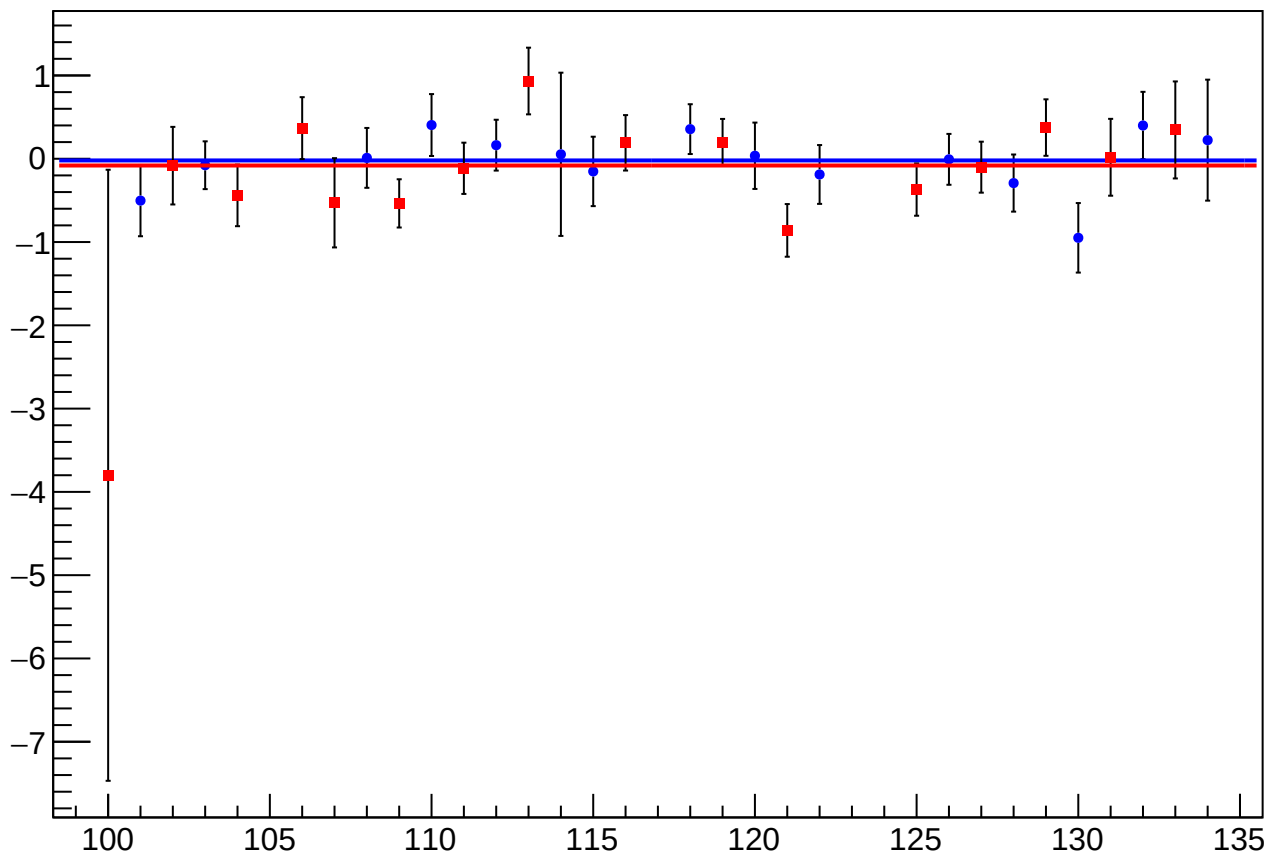
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3309639.9/31

- 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: -0.081 ± 0.091 χ^2/NDF : 24.0/15

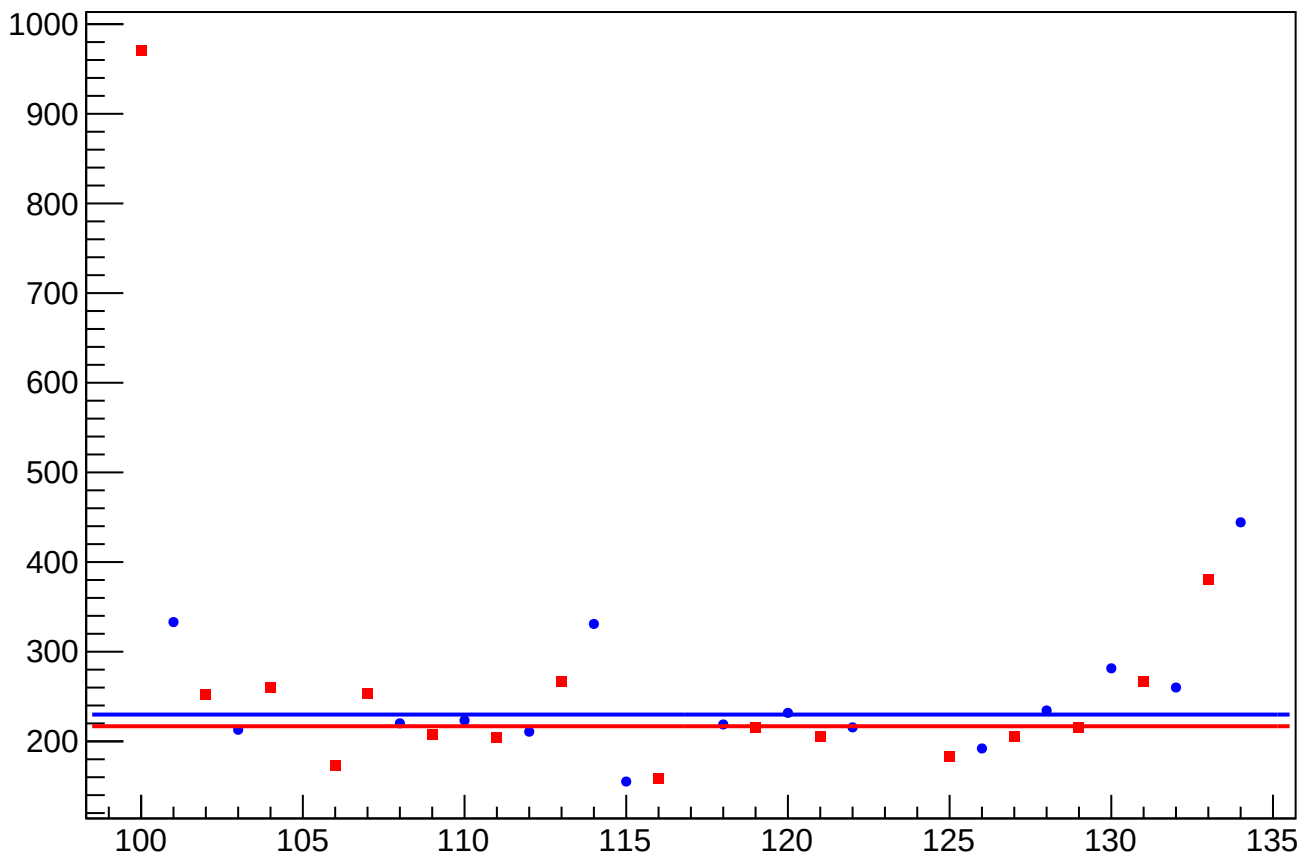
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.052 ± 0.066 χ^2/NDF : 35.9/30

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl2_dit_vs_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: 216.854 $\pm$ 0.065 χ^2 /NDF: 467229.2/15

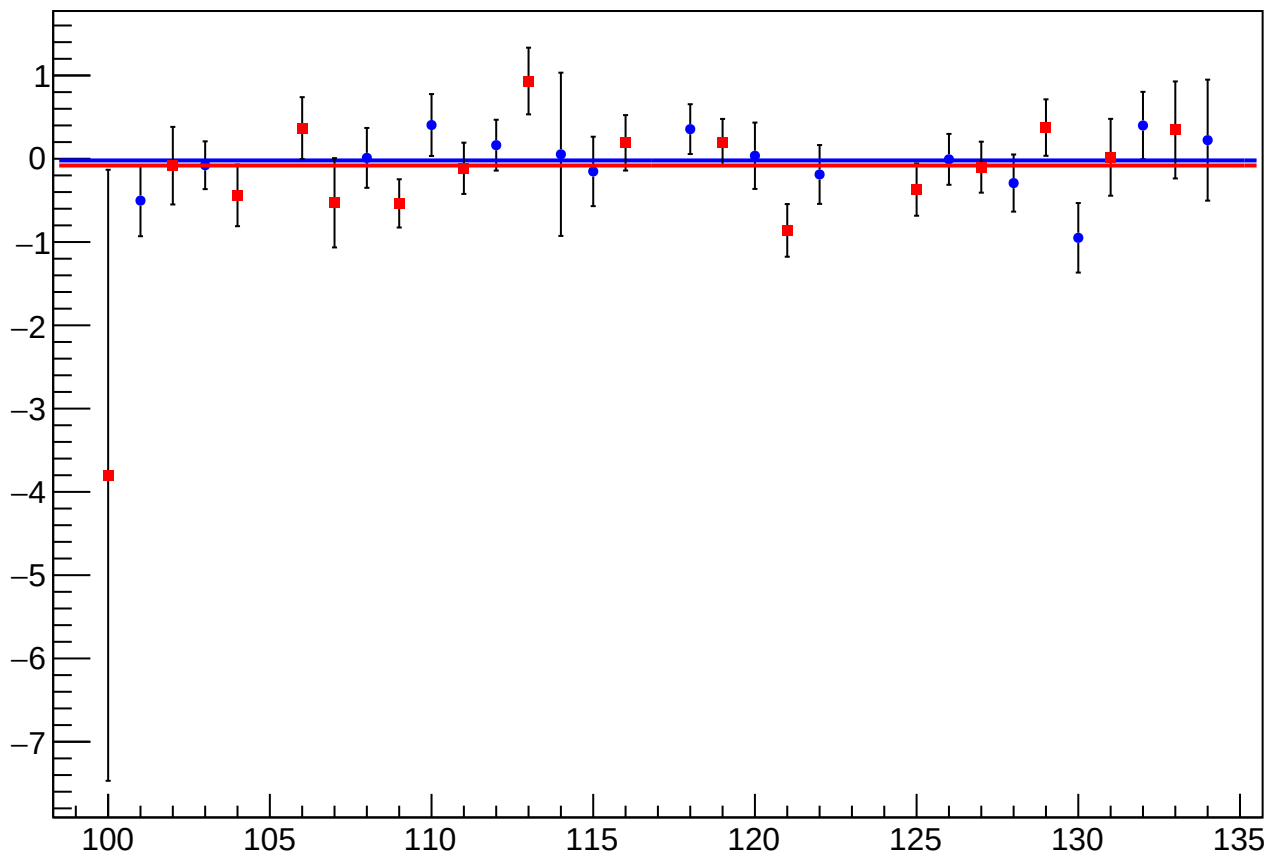
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 223.039 $\pm$ 0.047 χ^2 /NDF: 958373.4/30

- sign 0.000 $\pm$ 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: -0.081 ± 0.091 χ^2/NDF : 24.0/15

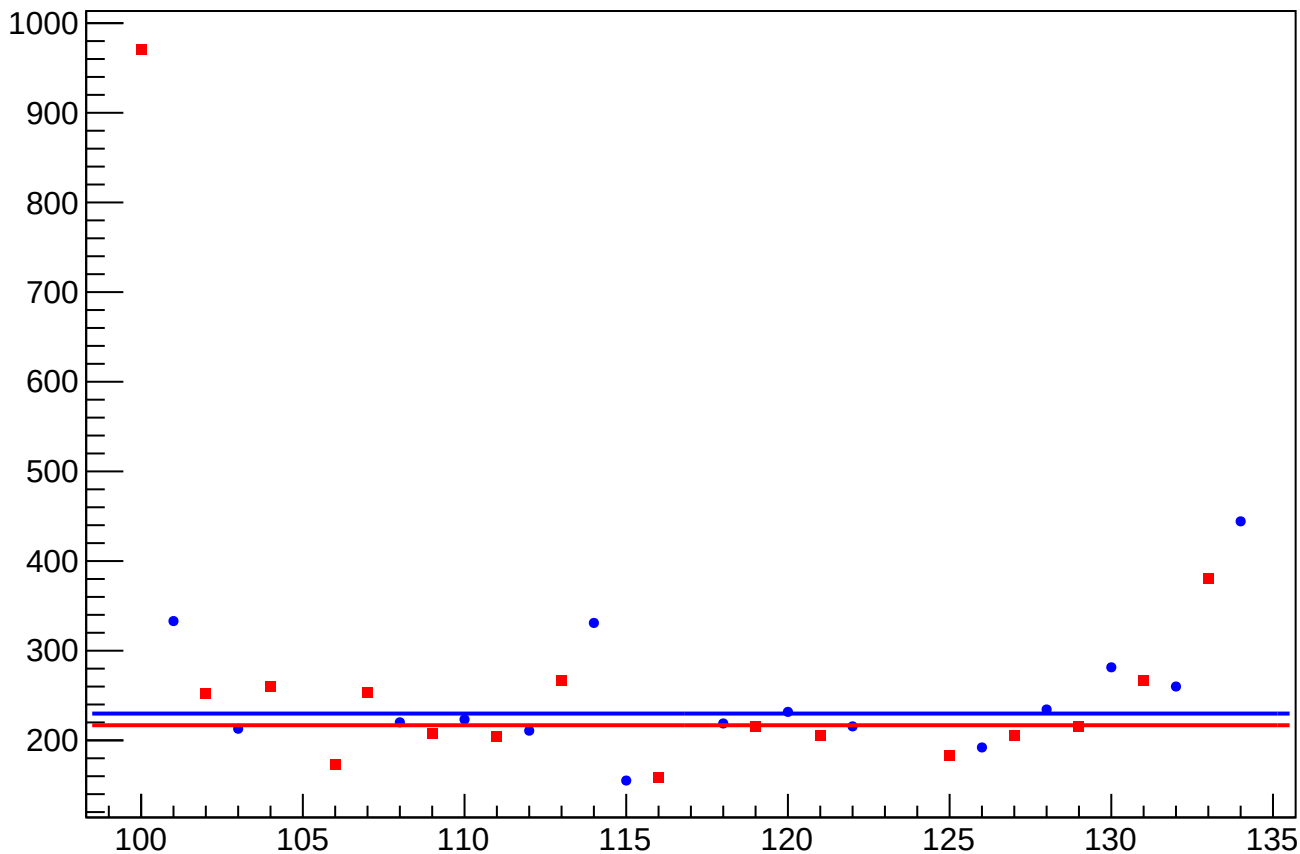
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.052 ± 0.066 χ^2/NDF : 35.9/30

- 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: 216.854 $\pm$ 0.065 χ^2 /NDF: 467229.2/15

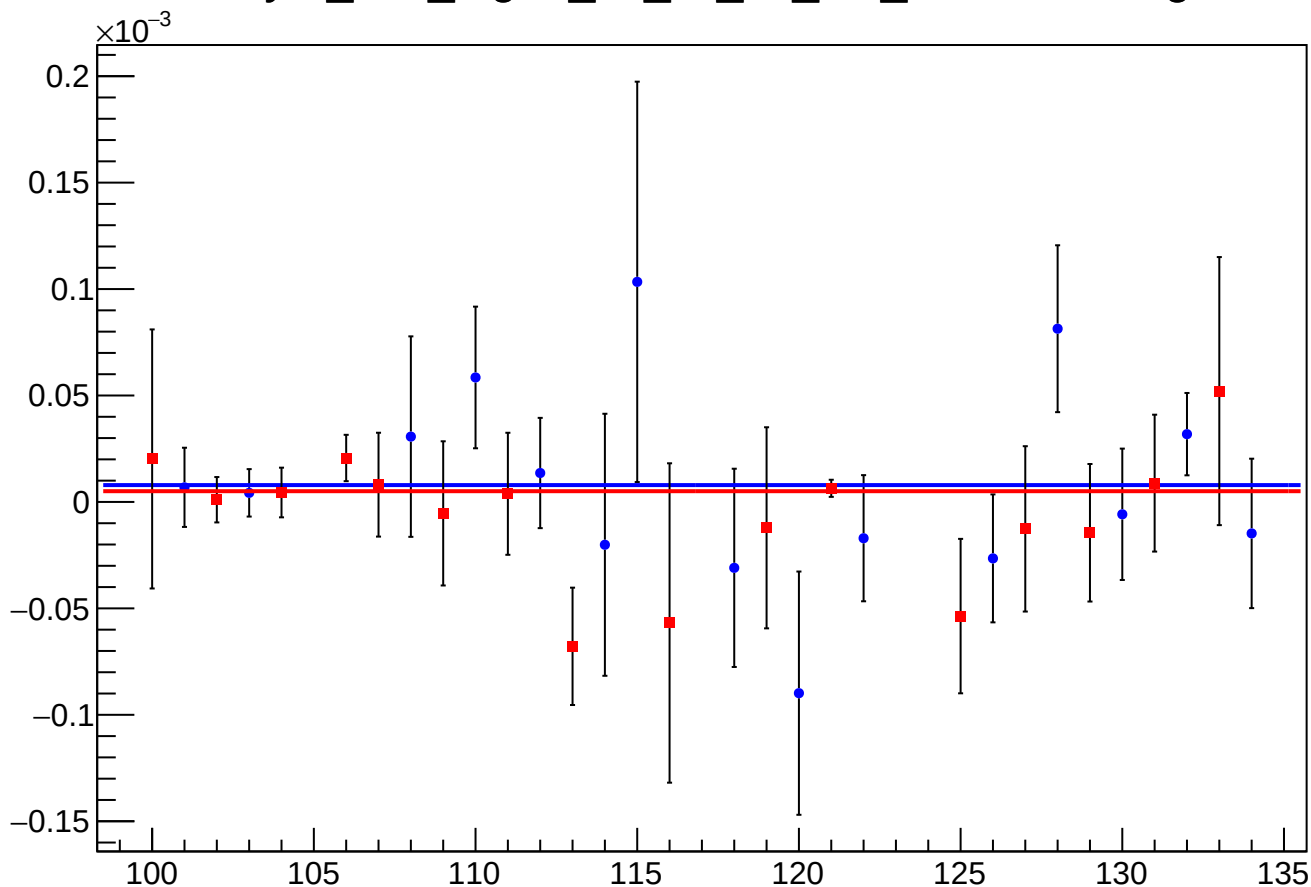
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 223.039 $\pm$ 0.047 χ^2 /NDF: 958373.4/30

- 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: 14.0/15

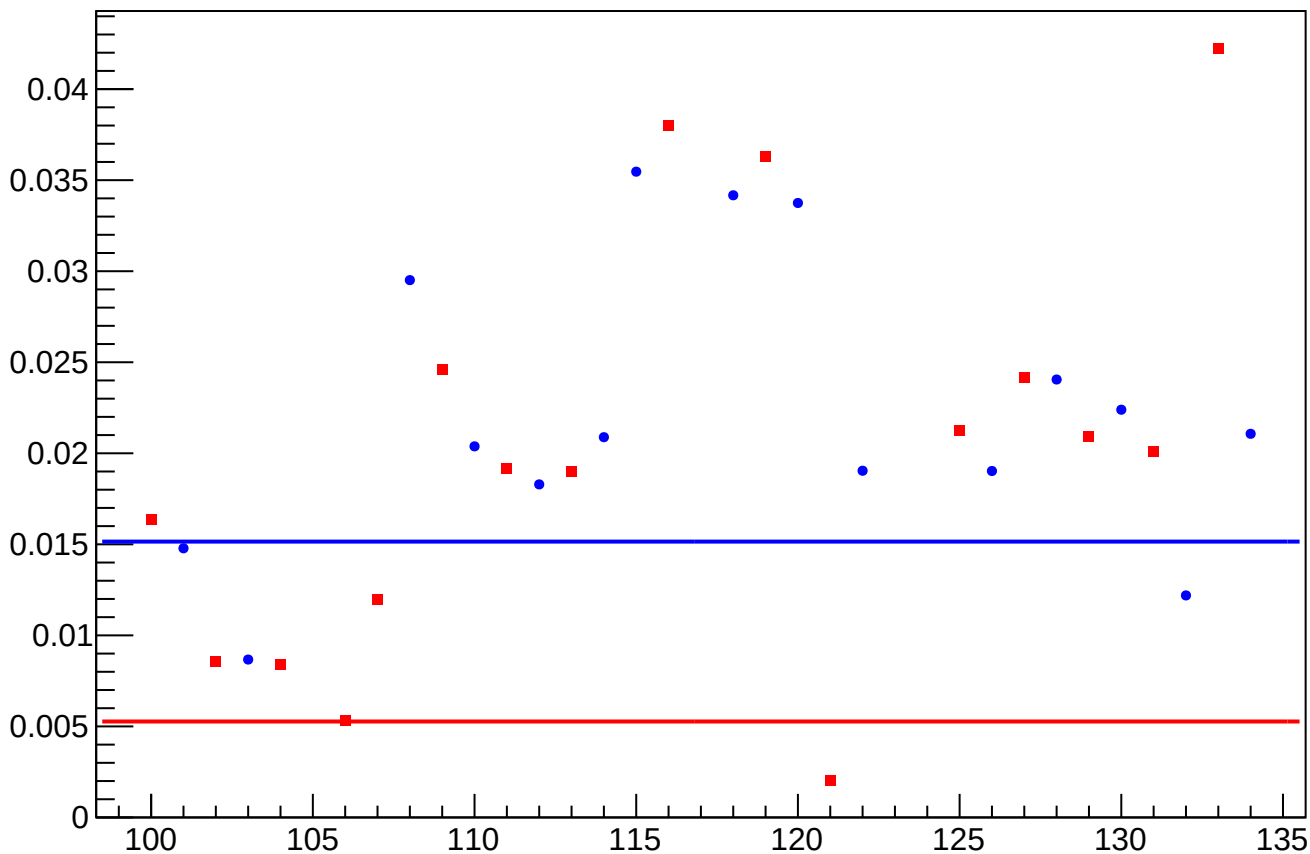
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 29.4/30

- 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 : 7181972.7/15

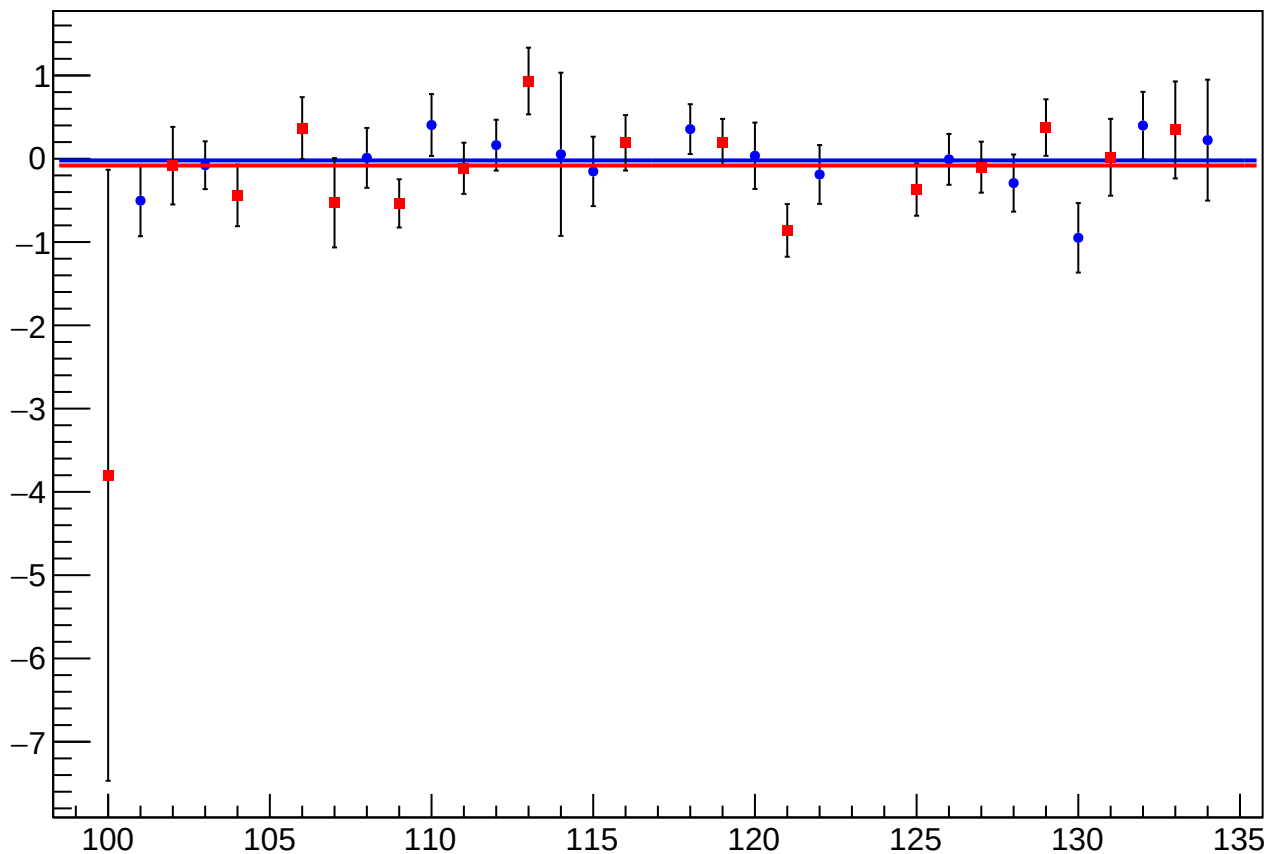
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 12704953.6/30

- 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: -0.081 ± 0.091 χ^2/NDF : 24.0/15

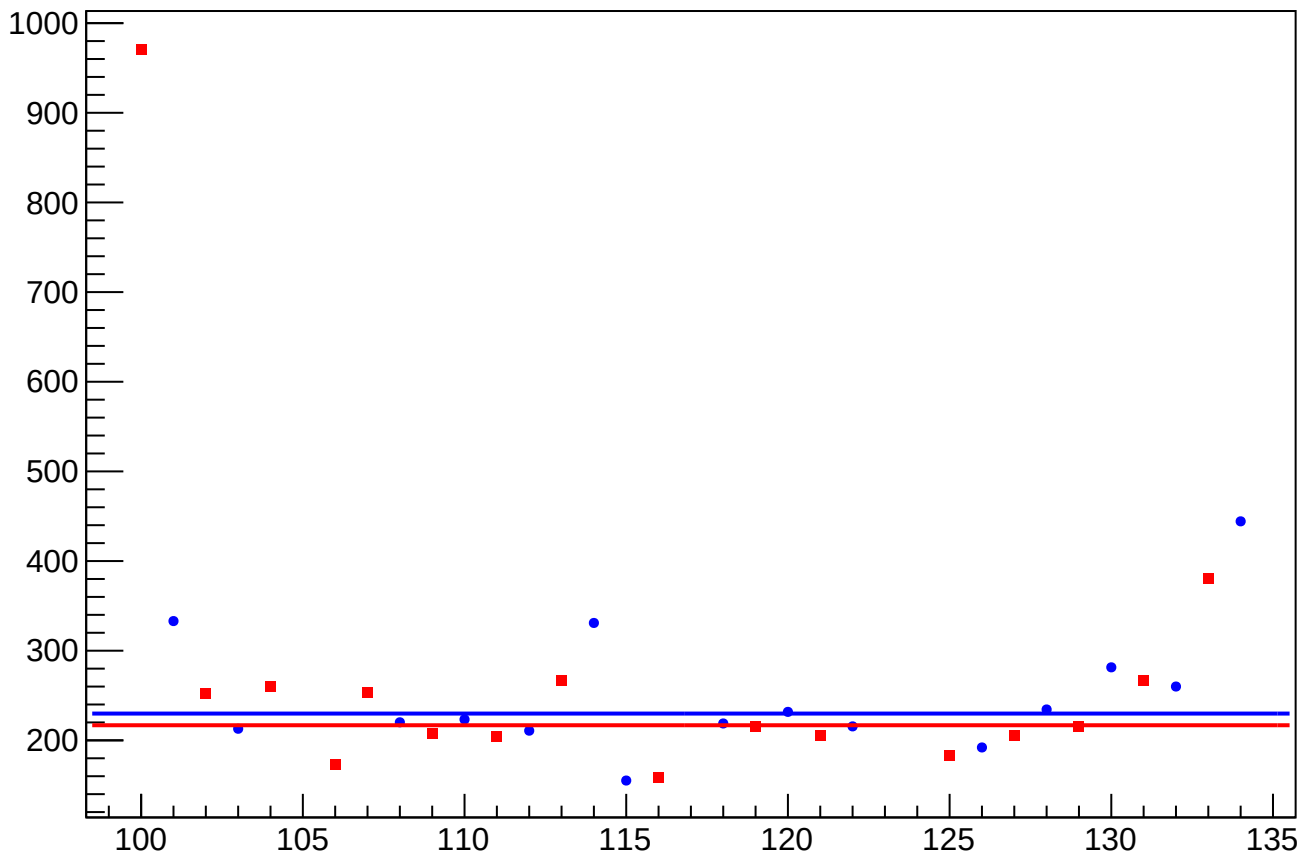
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.052 ± 0.066 χ^2/NDF : 35.9/30

- 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: 216.856+/-0.065 χ^2/NDF : 467162.9/15

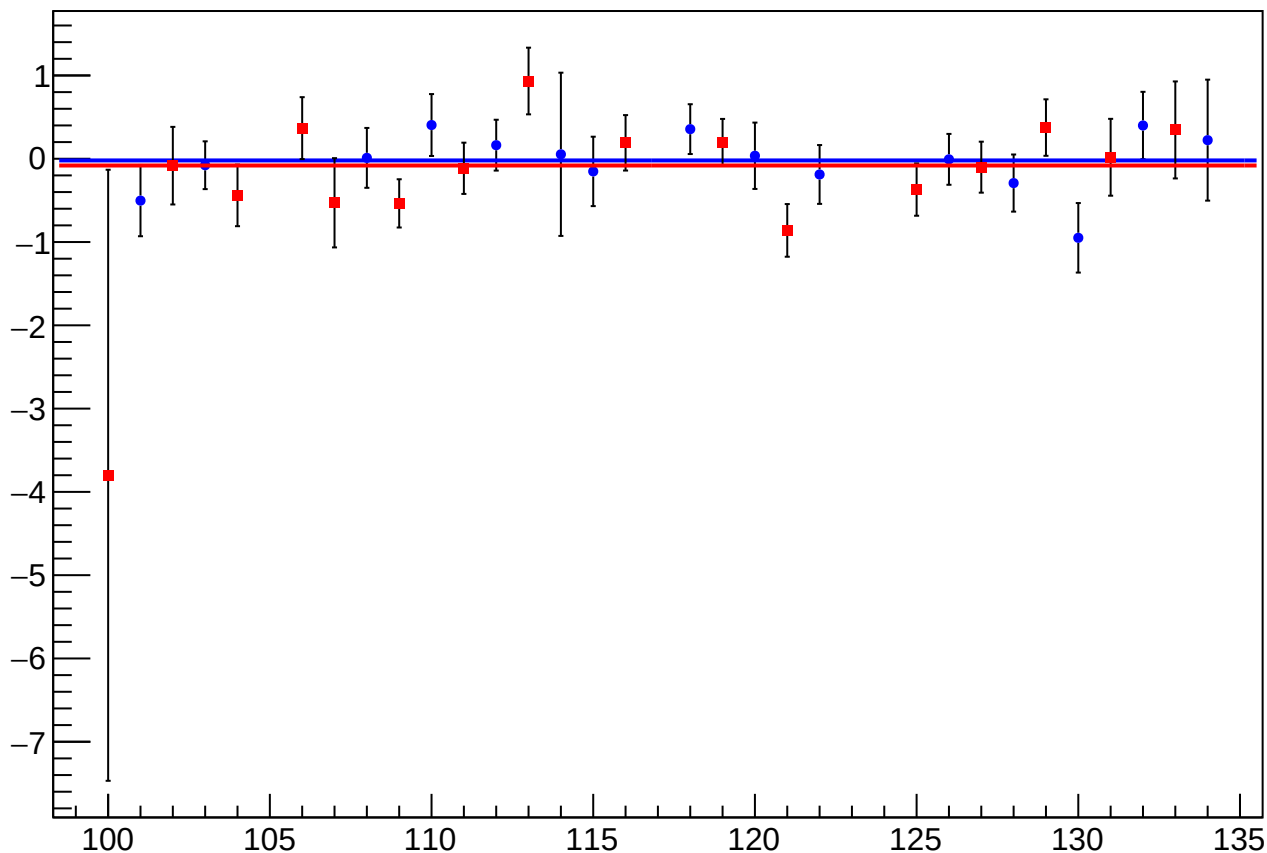
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 223.040+/-0.047 χ^2/NDF : 958258.4/30

- 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: -0.081 ± 0.091 χ^2/NDF : 24.0/15

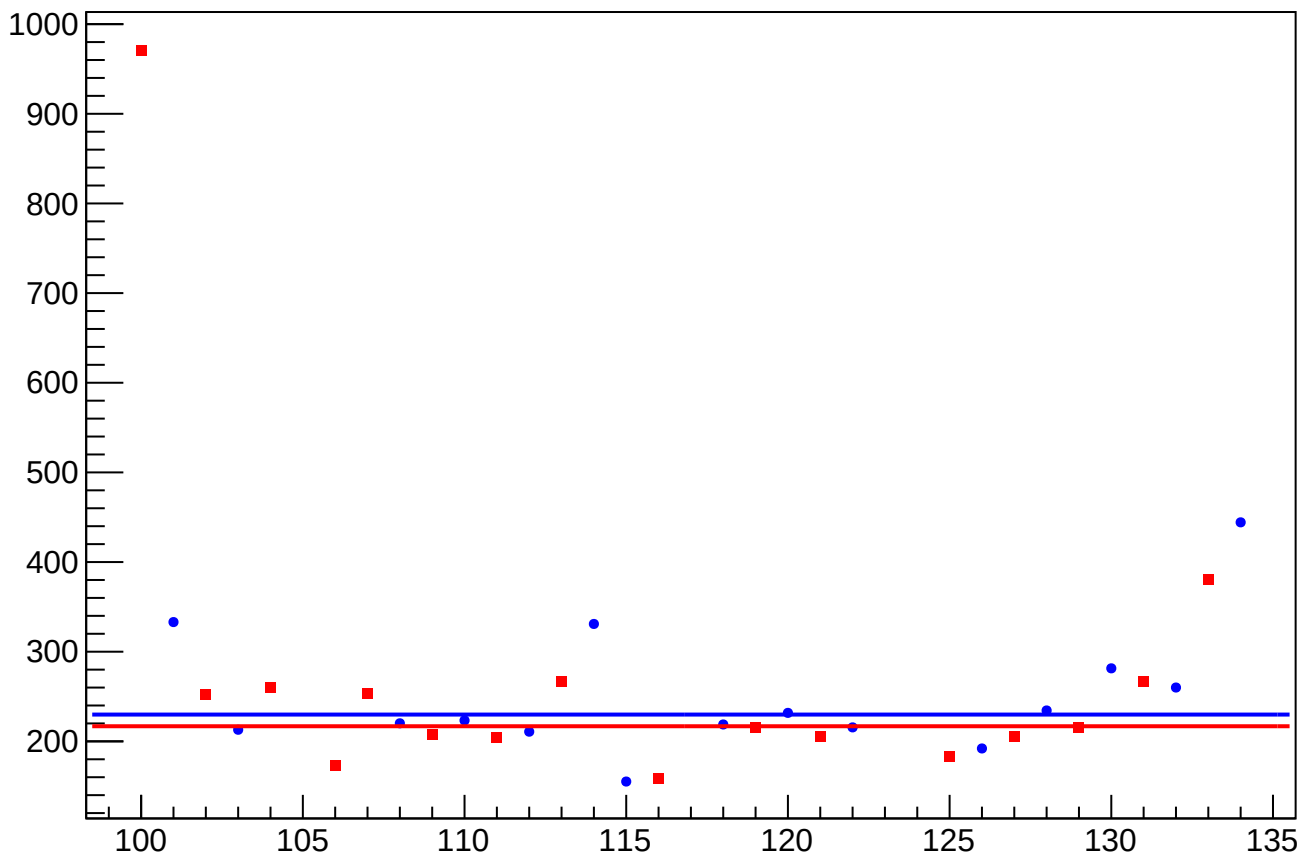
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.052 ± 0.066 χ^2/NDF : 35.9/30

- 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: 216.856 ± 0.065 χ^2/NDF : 467162.9/15

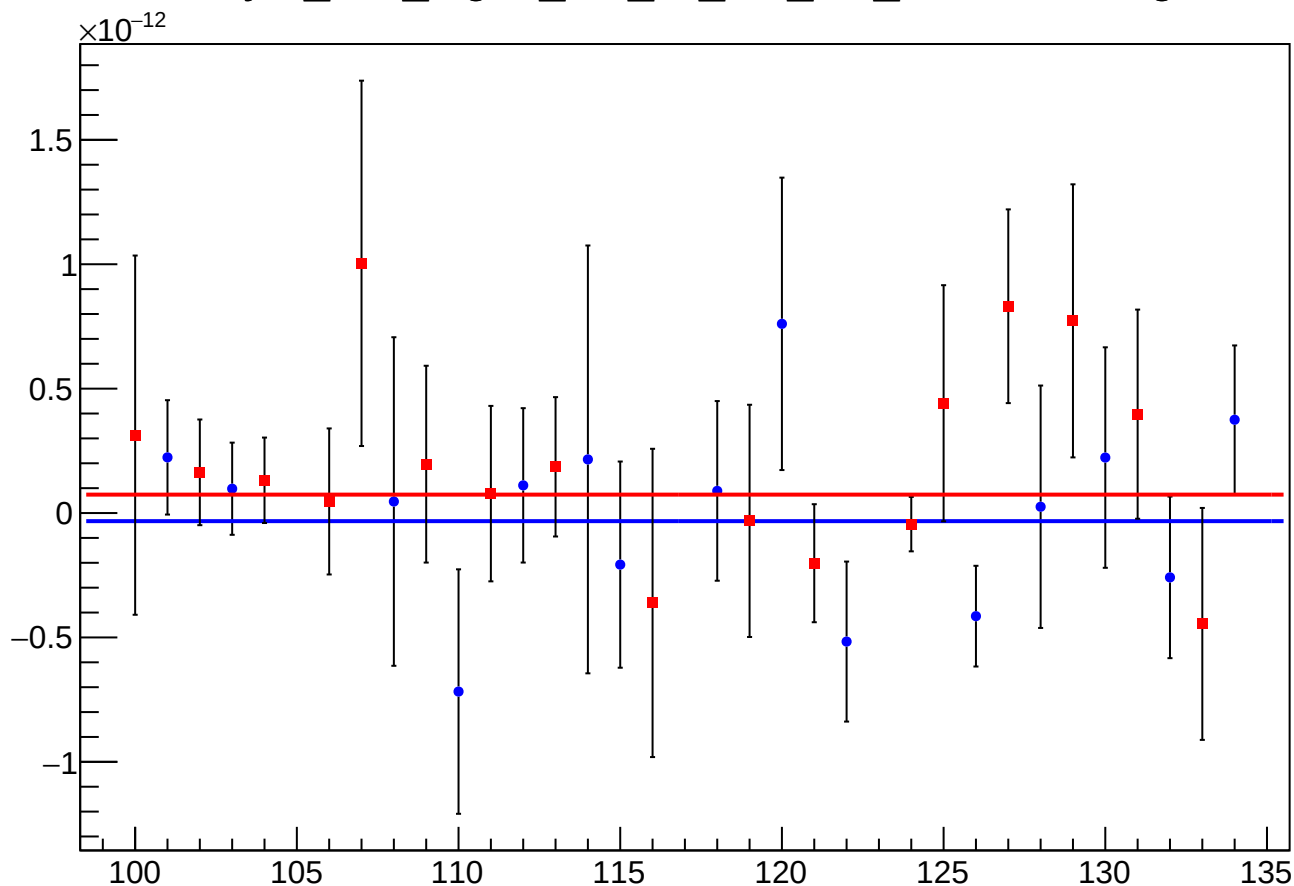
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 223.040 ± 0.047 χ^2/NDF : 958258.4/30

- 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 : 13.2/16

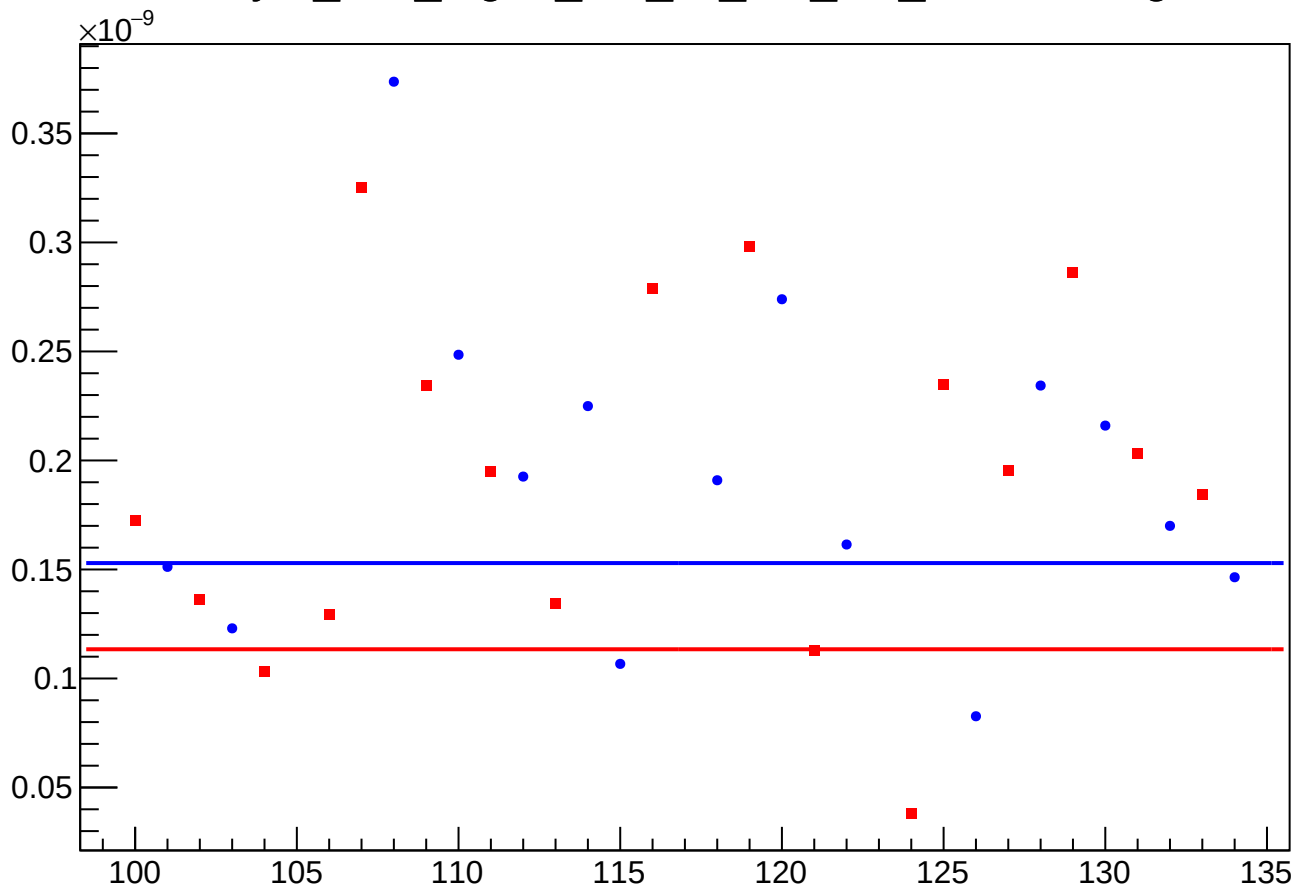
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 28.8/31

- 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+/-0.000 χ^2/NDF : 875358.2/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2483556.5/16

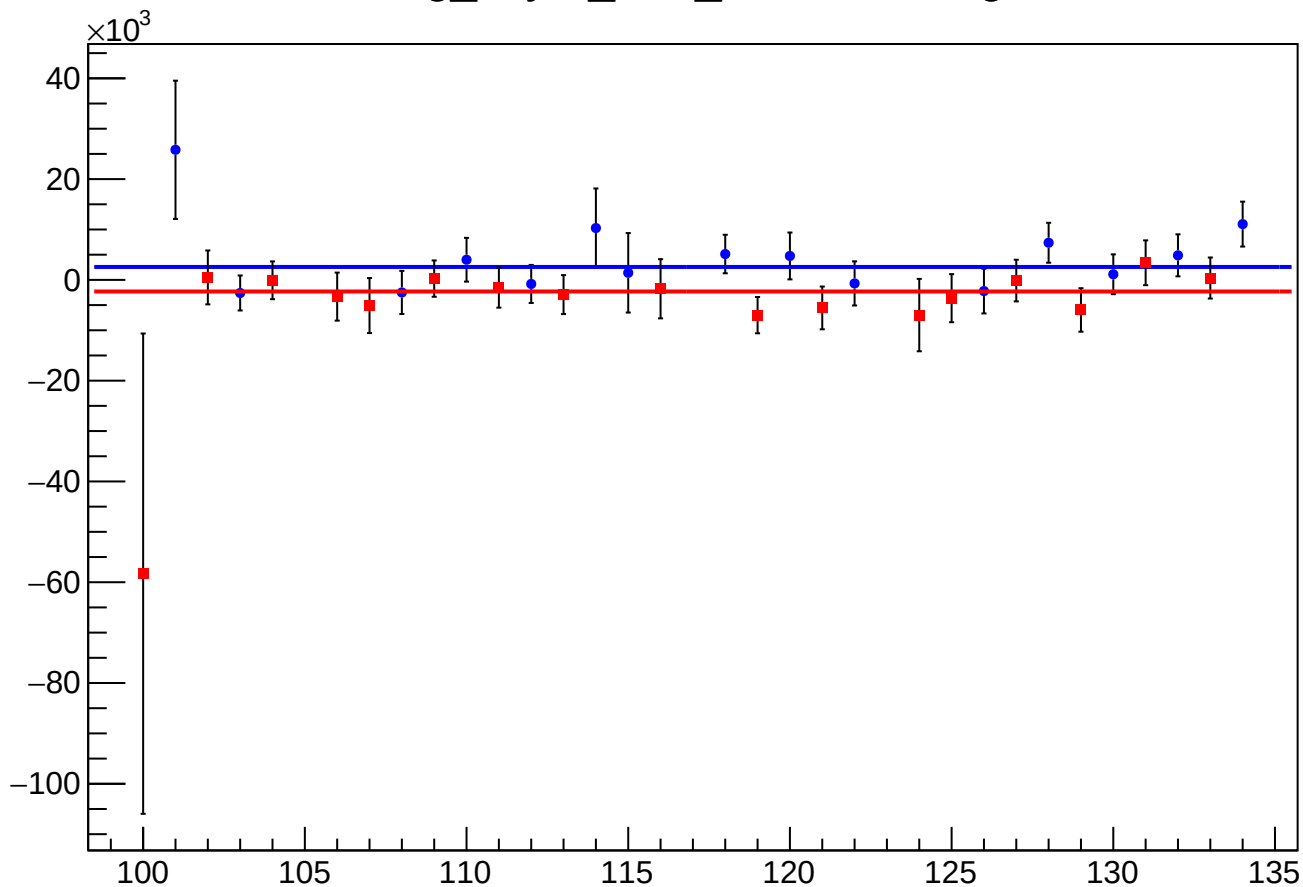
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3639754.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_mean vs Slug



Right In: 2568.430+/-1153.097 χ^2/NDF : 16.3/14

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

Right Out: -2303.200+/-1091.583 χ^2/NDF : 8.7/16

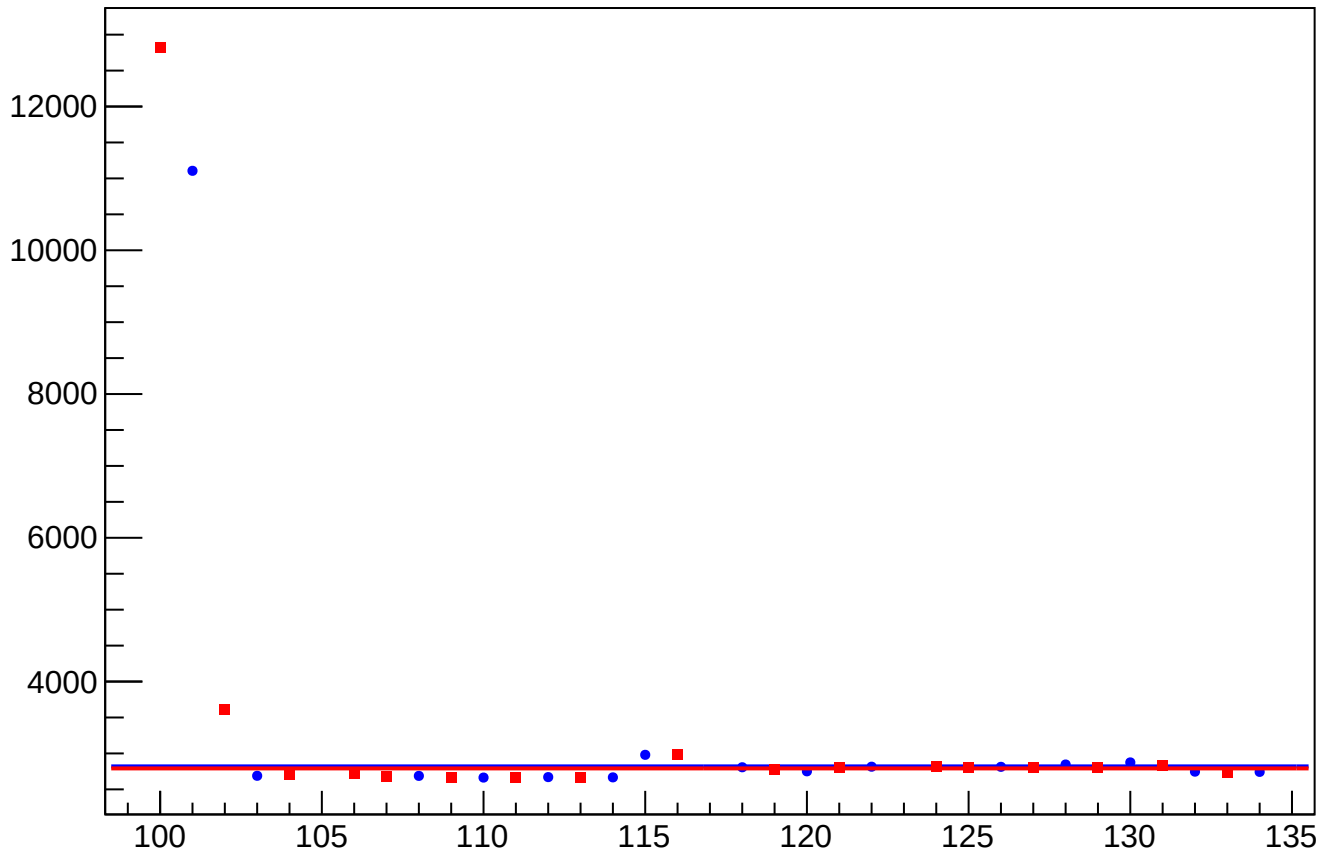
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.790+/-792.721 χ^2/NDF : 34.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_rms vs Slug



Right In: 2819.669+/-0.815 χ^2/NDF : 744040.3/14

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

Right Out: 2791.599+/-0.772 χ^2/NDF : 146742.6/16

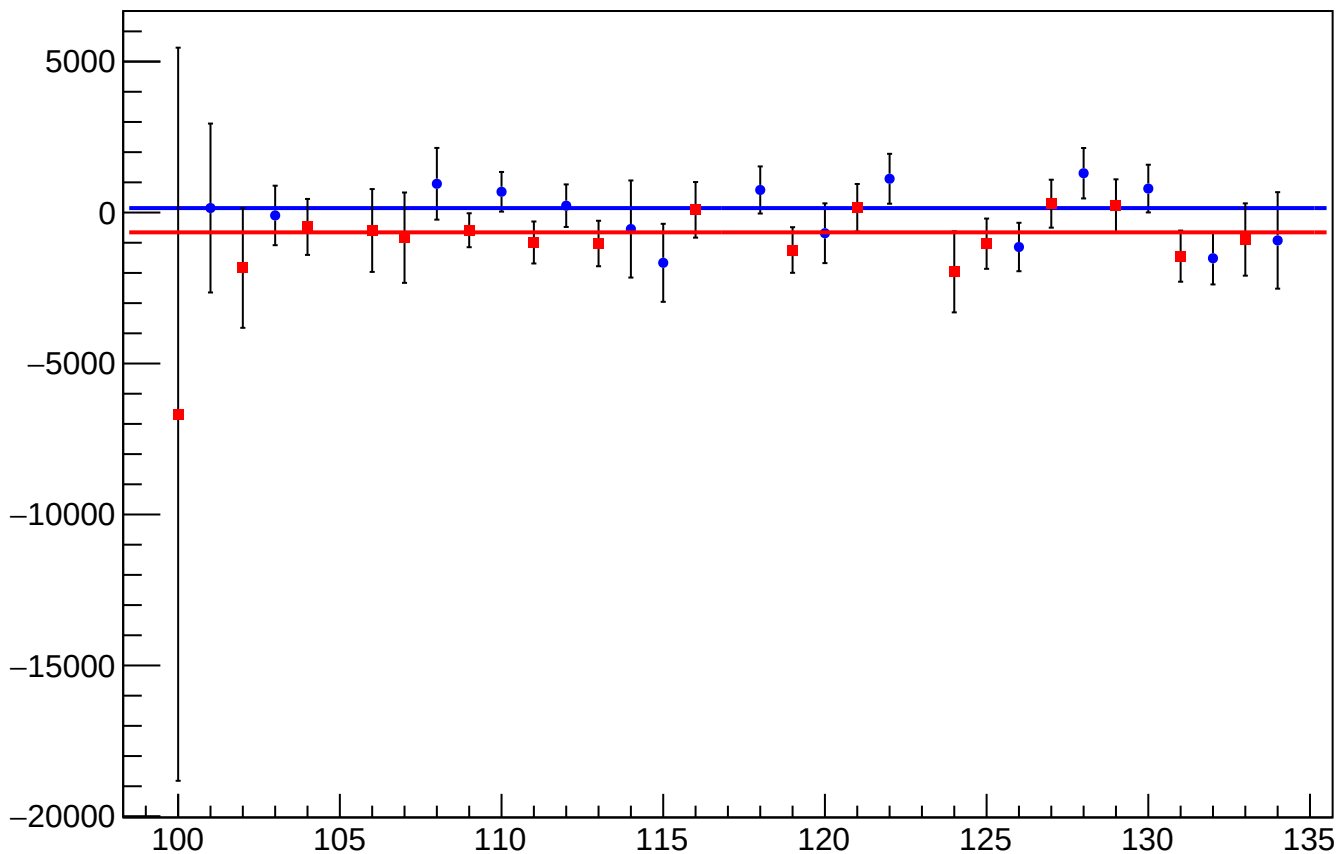
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2804.865+/-0.561 χ^2/NDF : 891407.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_reg_correction_mean vs Slug



Right In: 147.482+/-238.195 χ^2/NDF : 15.3/14

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

Right Out: -655.997+/-218.565 χ^2/NDF : 8.0/16

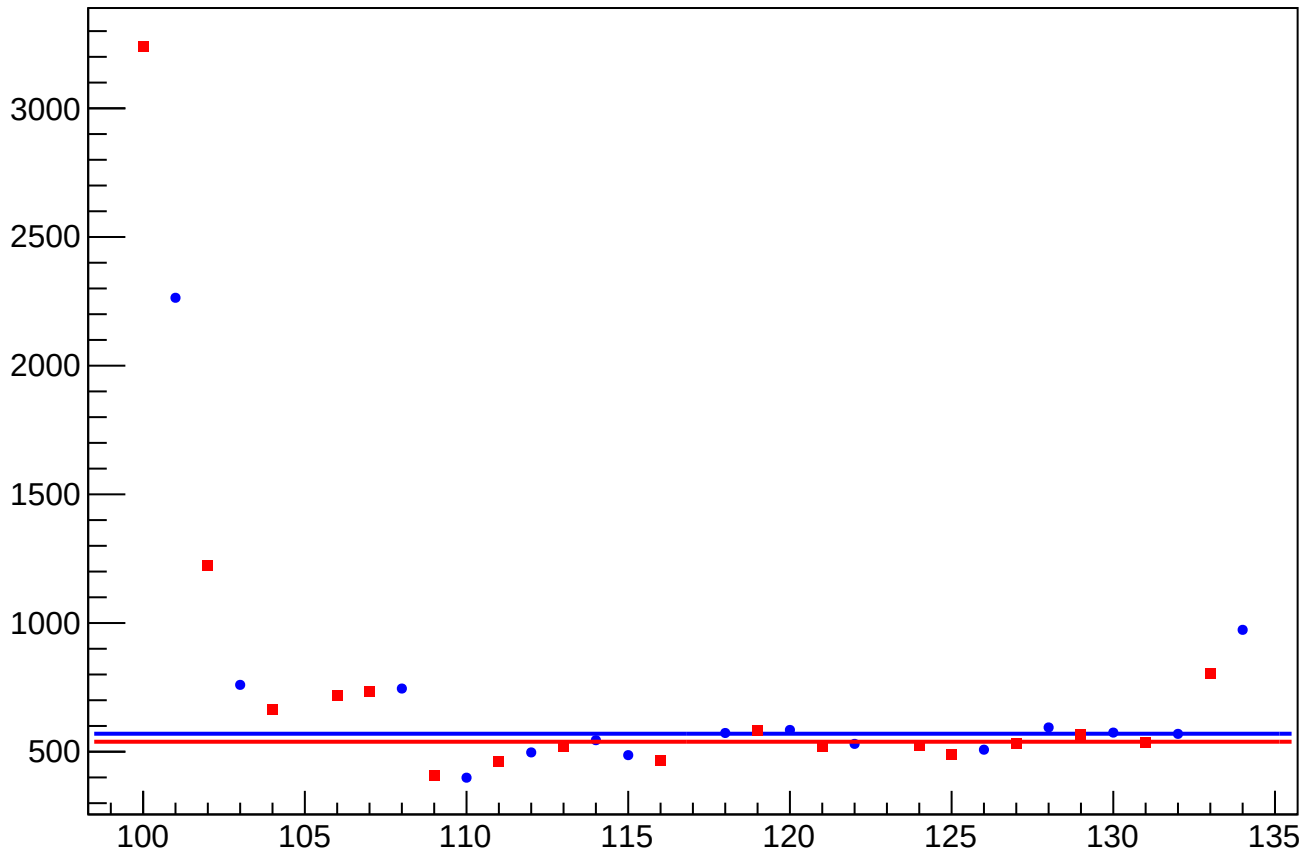
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -288.725+/-161.042 χ^2/NDF : 29.5/31

- sign 0.000+/-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: 538.734 $\pm$ 0.155 χ^2 /NDF: 707550.0/16

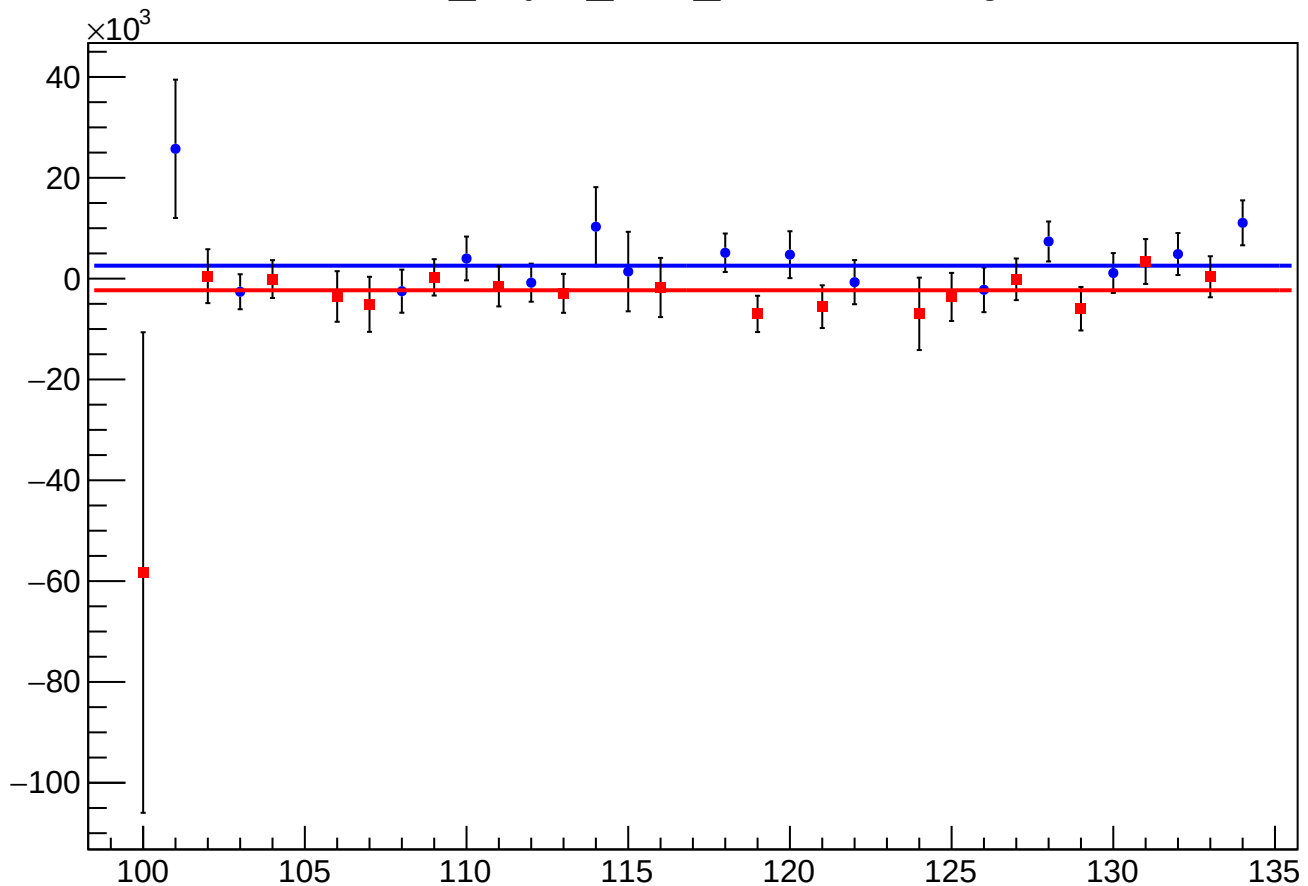
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 552.953 $\pm$ 0.114 χ^2 /NDF: 1889310.8/31

- 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: -2309.421 $\pm$ 1094.378 χ^2 /NDF: 8.8/16

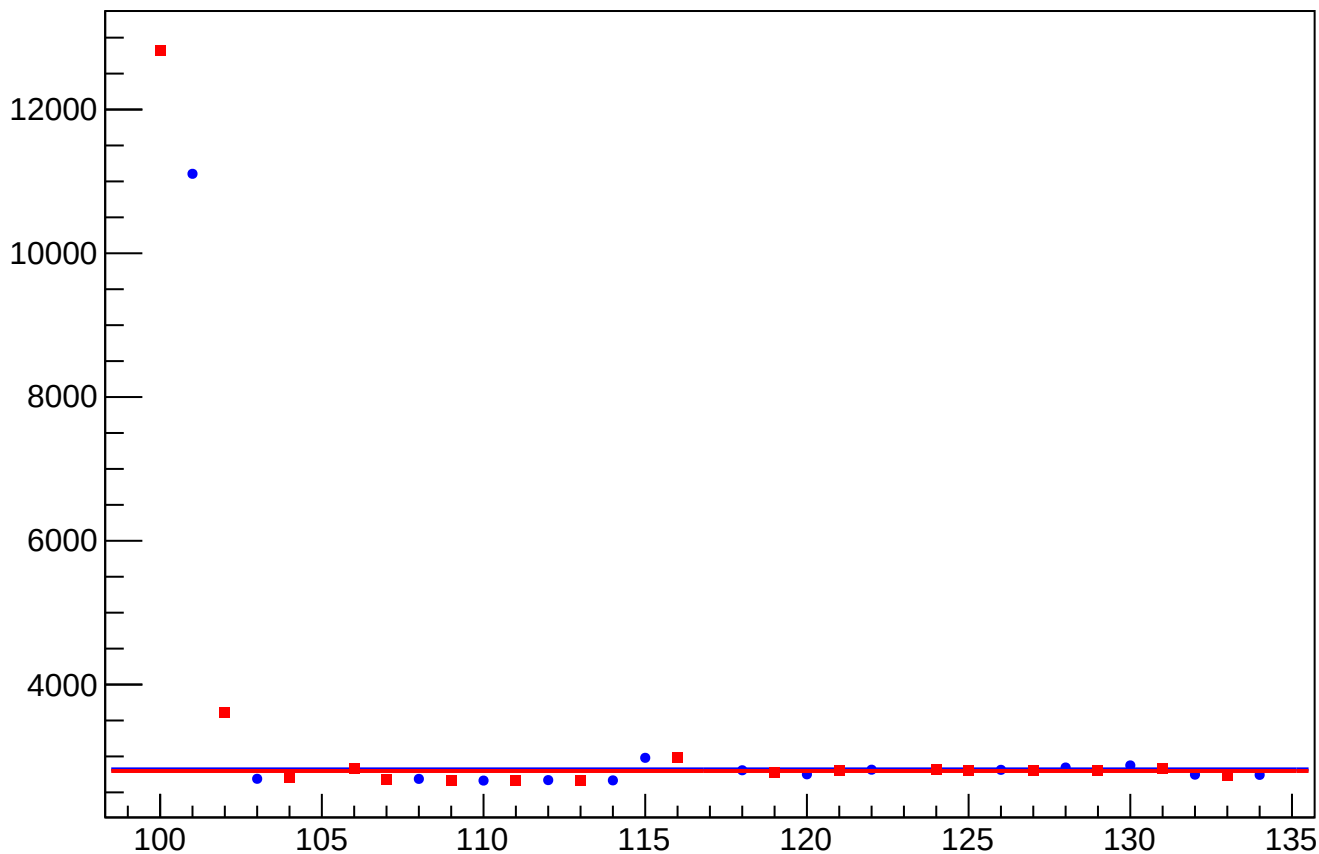
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1.705 $\pm$ 793.789 χ^2 /NDF: 34.5/31

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

cor_asym_atr1_rms vs Slug



Right In: 2819.669+/-0.815 χ^2/NDF : 744039.4/14

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

Right Out: 2797.547+/-0.774 χ^2/NDF : 146427.2/16

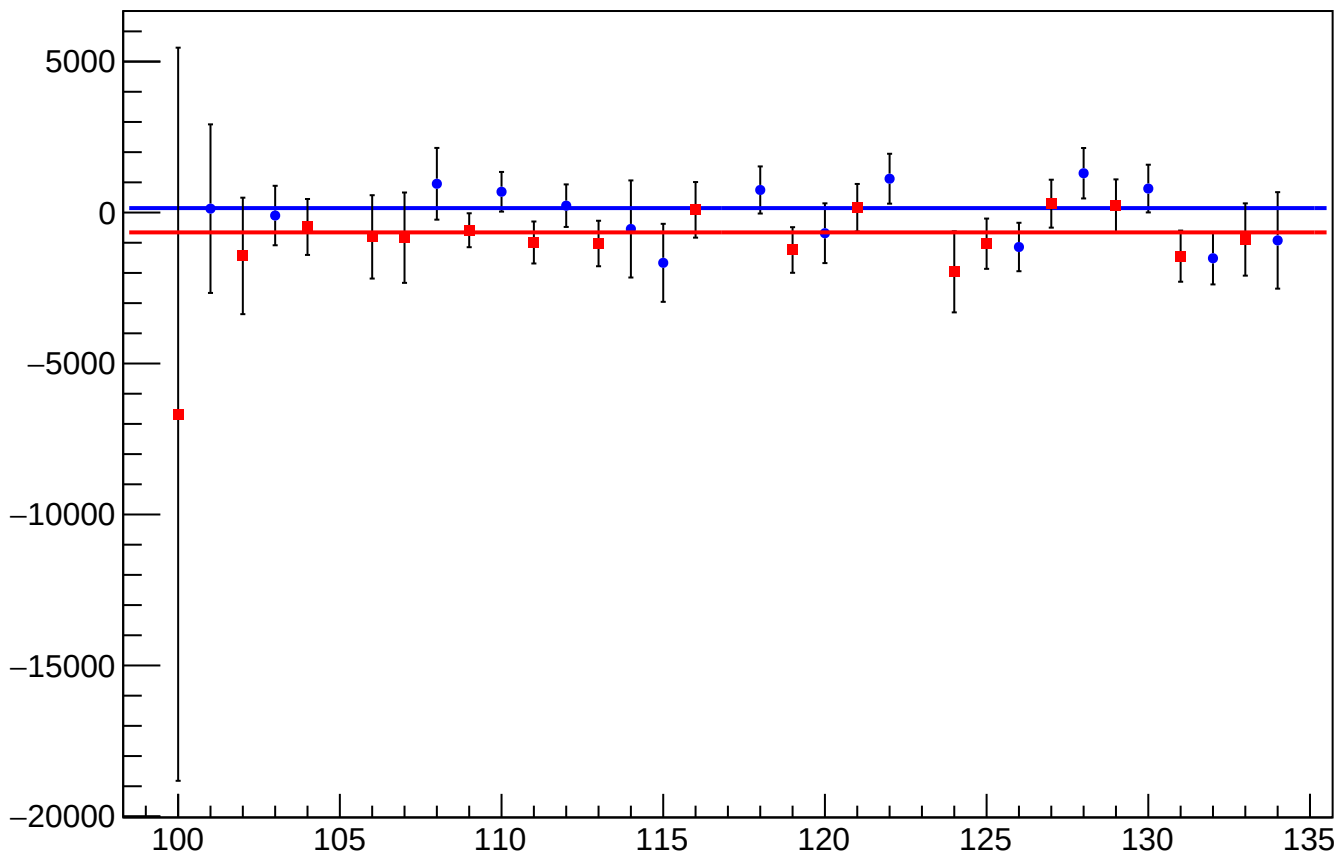
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2808.030+/-0.561 χ^2/NDF : 890853.9/31

- sign 0.000+/-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: -657.128 $\pm$ 218.517 χ^2 /NDF: 7.8/16

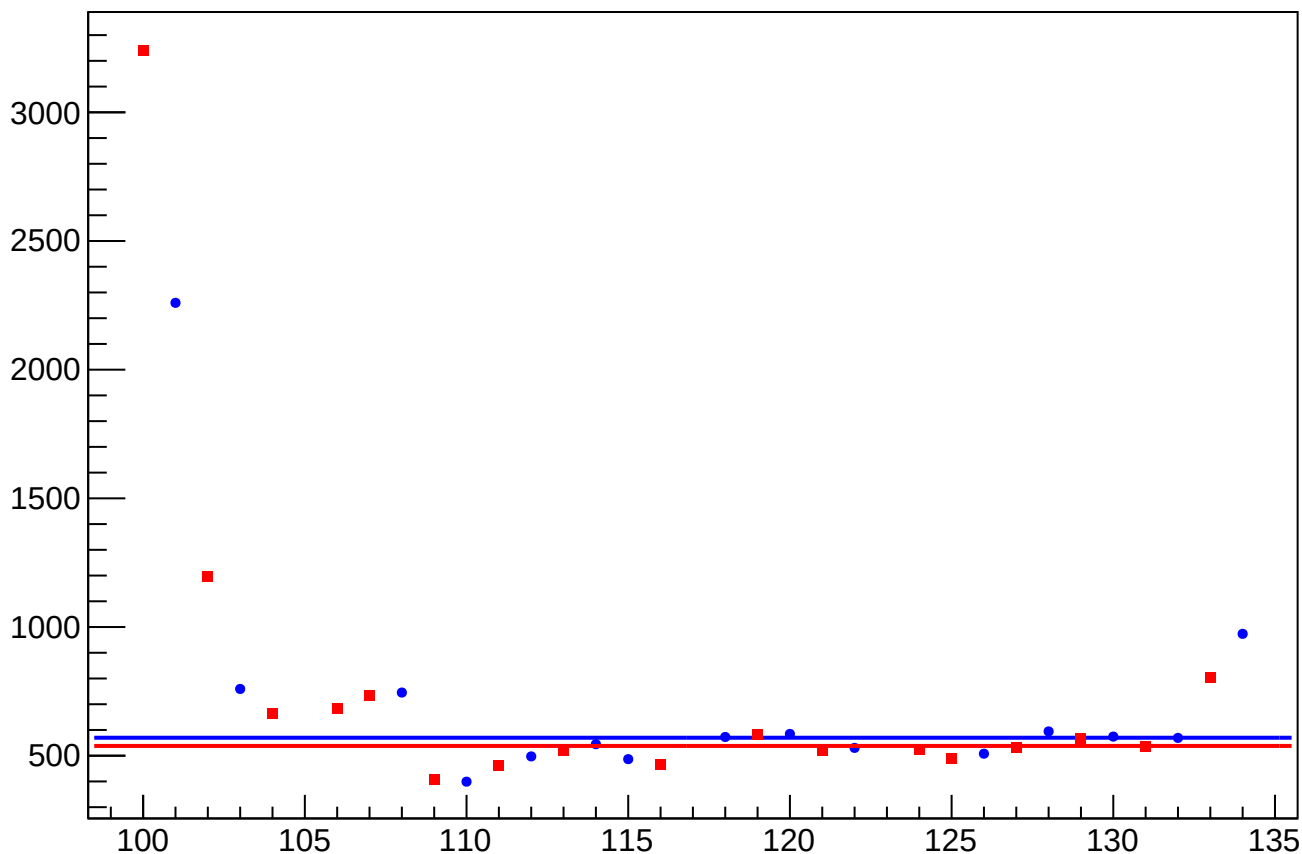
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -289.438 $\pm$ 161.019 χ^2 /NDF: 29.3/31

- 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: 537.973 $\pm$ 0.155 χ^2/NDF : 691312.6/16

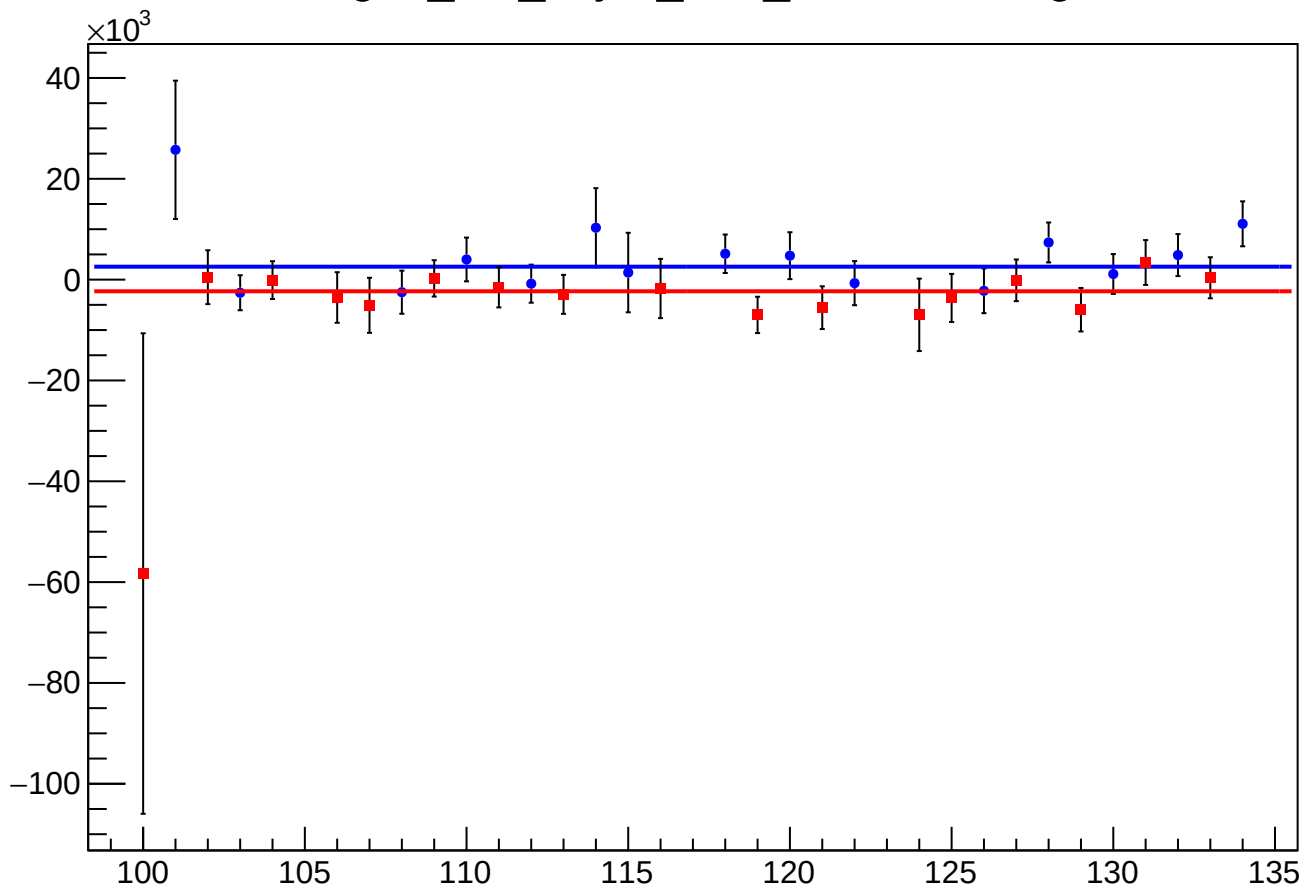
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: 552.538 $\pm$ 0.114 χ^2/NDF : 1872988.4/31

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

eigen_cor_asym_atr1_mean vs Slug



Right In: 2567.495+/-1153.098 χ^2/NDF : 16.3/14

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

Right Out: -2309.421+/-1094.378 χ^2/NDF : 8.8/16

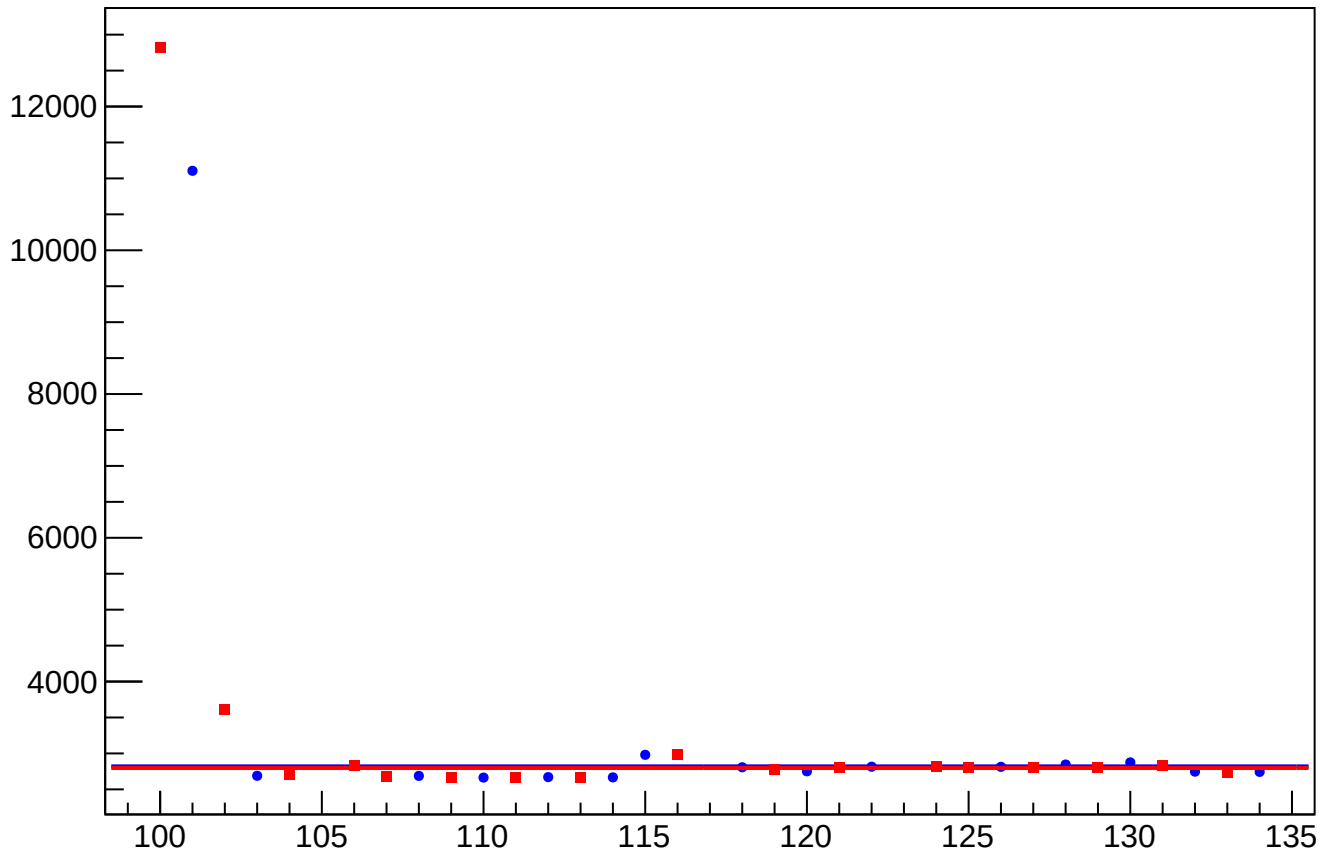
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.705+/-793.789 χ^2/NDF : 34.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr1_rms vs Slug



Right In: 2819.669+/-0.815 χ^2/NDF : 744039.4/14

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

Right Out: 2797.547+/-0.774 χ^2/NDF : 146427.2/16

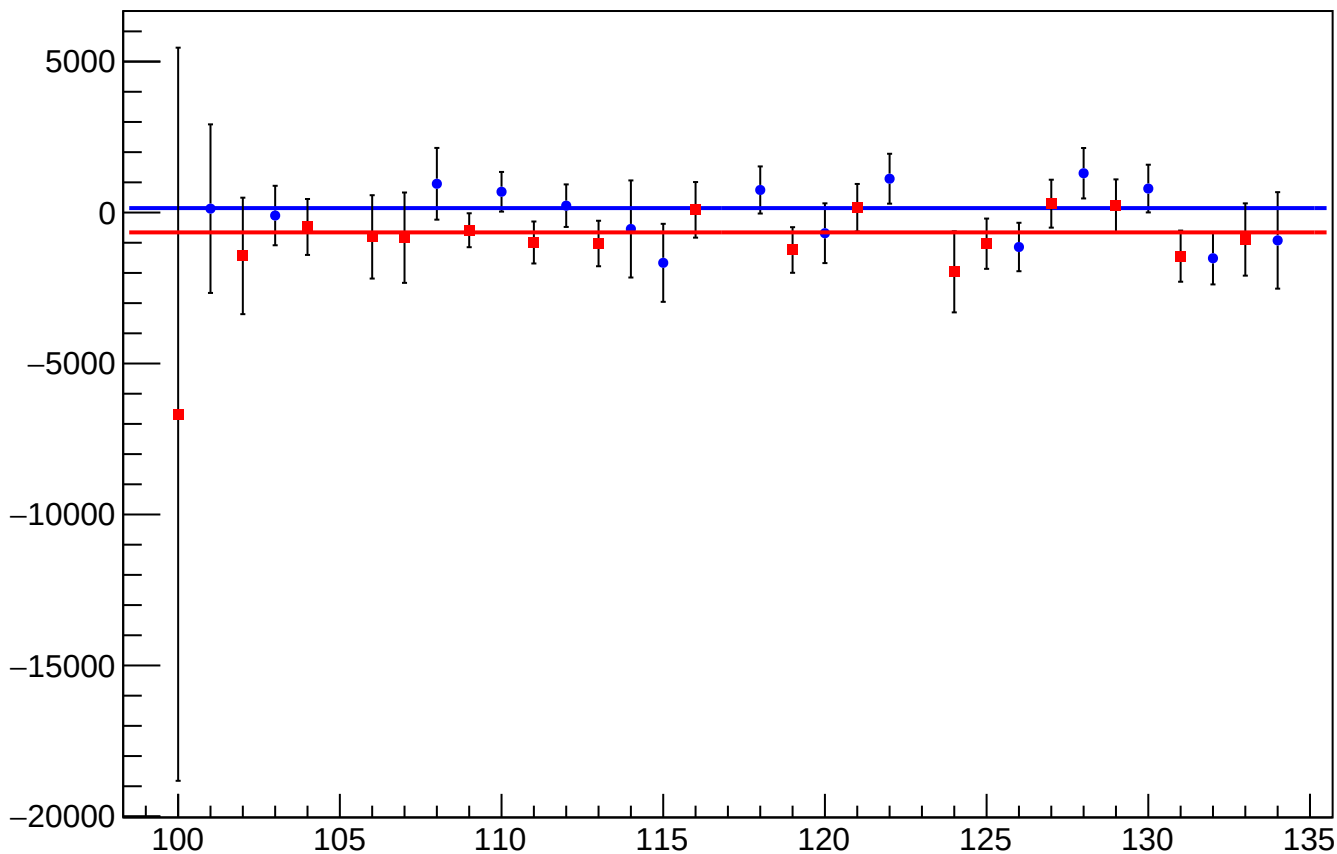
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2808.030+/-0.561 χ^2/NDF : 890853.9/31

- sign 0.000+/-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: -657.128 $\pm$ 218.517 χ^2 /NDF: 7.8/16

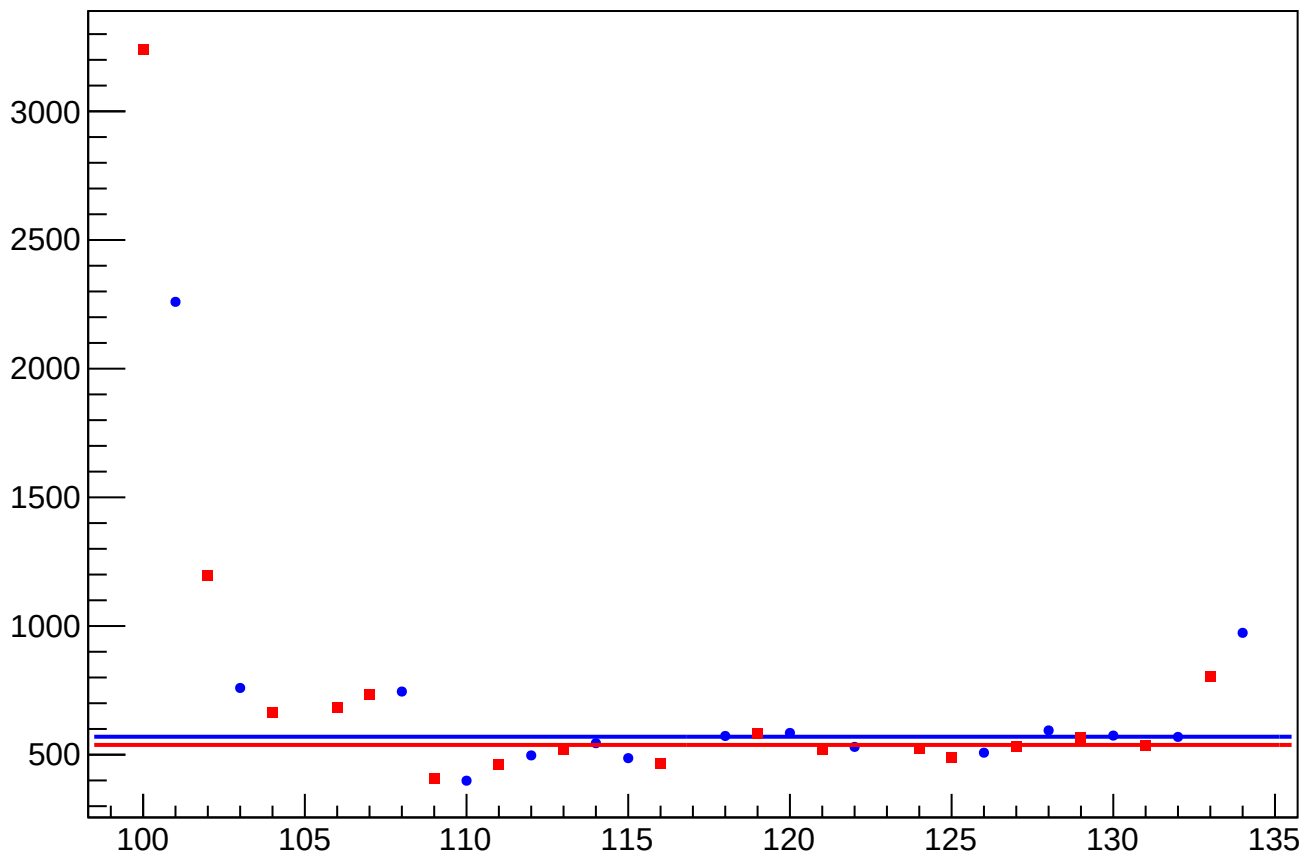
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -289.438 $\pm$ 161.019 χ^2 /NDF: 29.3/31

- 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: 537.973 $\pm$ 0.155 χ^2 /NDF: 691312.6/16

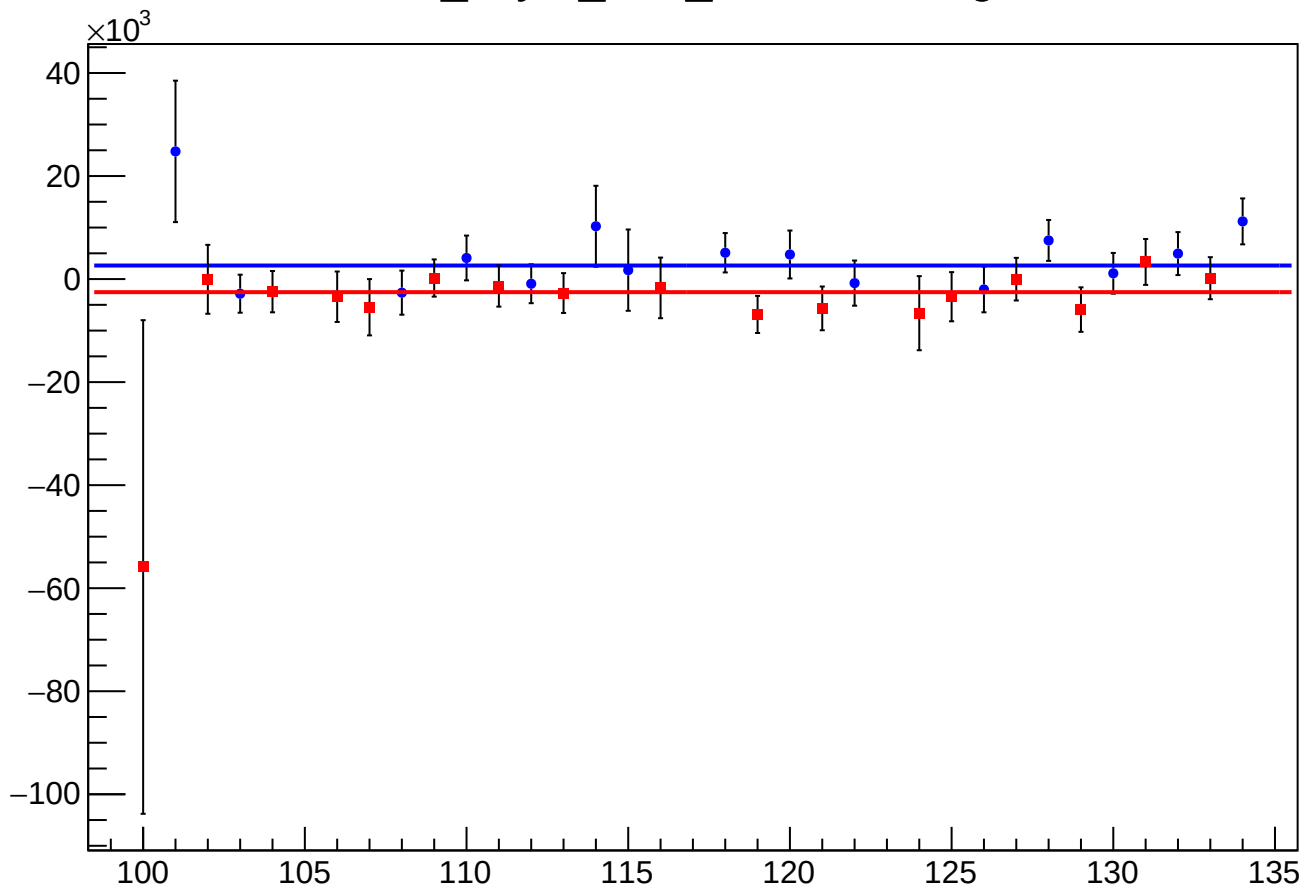
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 552.538 $\pm$ 0.114 χ^2 /NDF: 1872988.4/31

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

dit_asym_atr1_mean vs Slug



Right In: 2628.709+/-1161.302 χ^2/NDF : 16.2/14

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

Right Out: -2540.353+/-1108.280 χ^2/NDF : 7.9/16

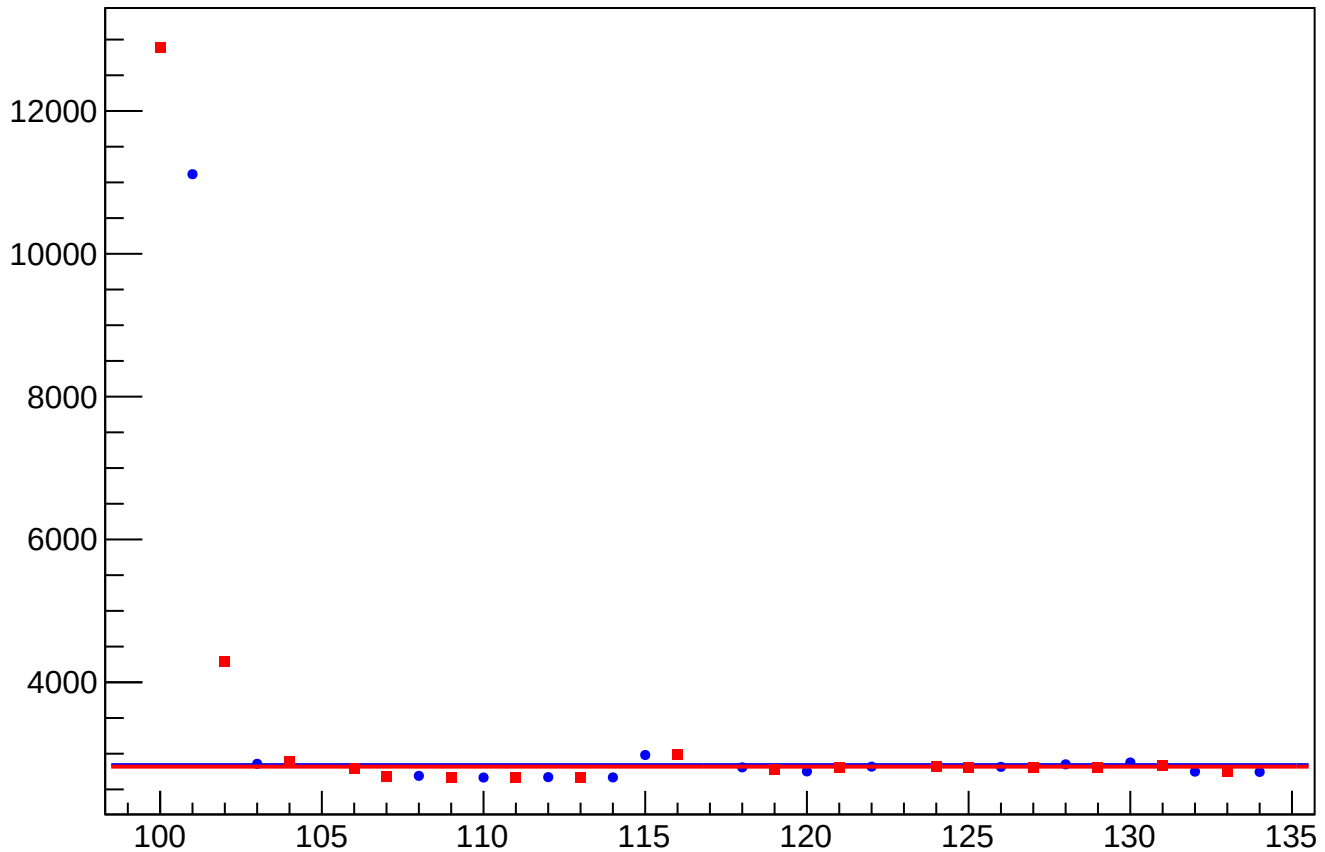
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -76.516+/-801.762 χ^2/NDF : 34.5/31

- sign 0.000+/-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: 2819.011+/-0.784 χ^2 /NDF: 199987.6/16

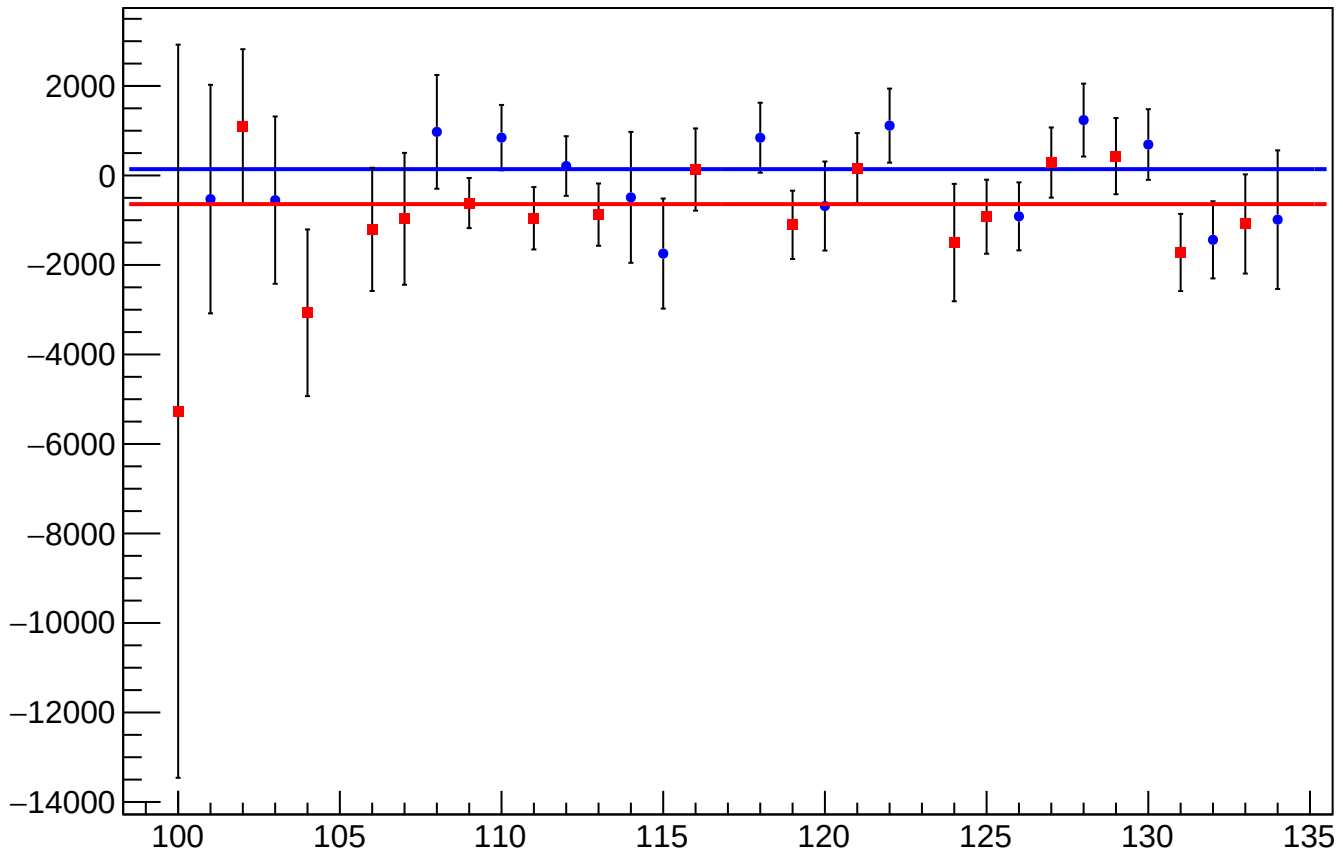
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 2829.047+/-0.567 χ^2 /NDF: 941314.5/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr1_dit_correction_mean vs Slug



Right In: 141.088+/-242.317 χ^2/NDF : 15.1/14

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

Right Out: -640.680+/-219.928 χ^2/NDF : 10.9/16

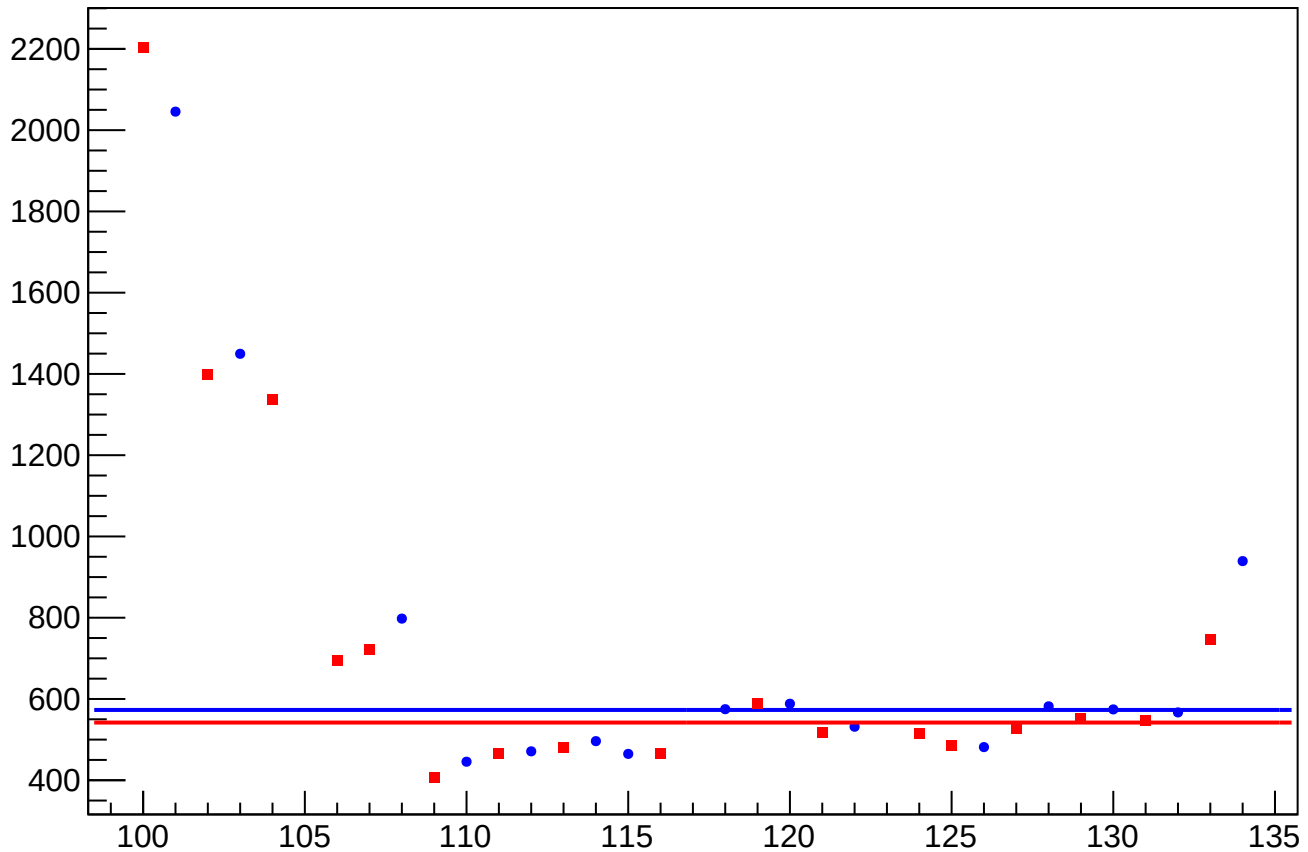
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -287.573+/-162.854 χ^2/NDF : 31.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_dit_correction_rms vs Slug



Right In: 572.986+/-0.171 χ^2/NDF : 1442480.5/14

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

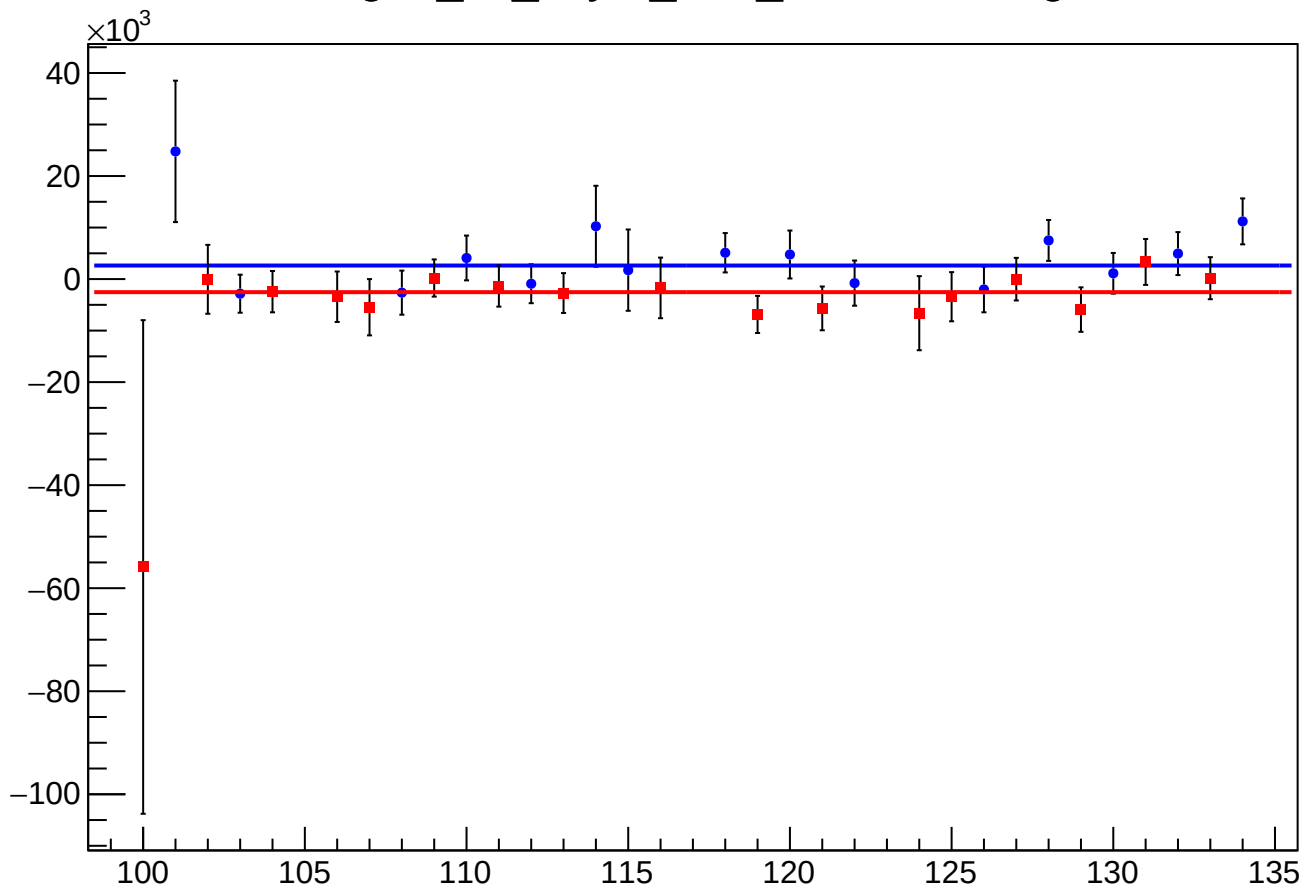
Right Out: 541.953+/-0.156 χ^2/NDF : 1246190.3/16

All: 555.970+/-0.115 χ^2/NDF : 2706657.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

eigen_dit_asym_atr1_mean vs Slug



Right In: 2628.709+/-1161.302 χ^2/NDF : 16.2/14

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

Right Out: -2540.351+/-1108.280 χ^2/NDF : 7.9/16

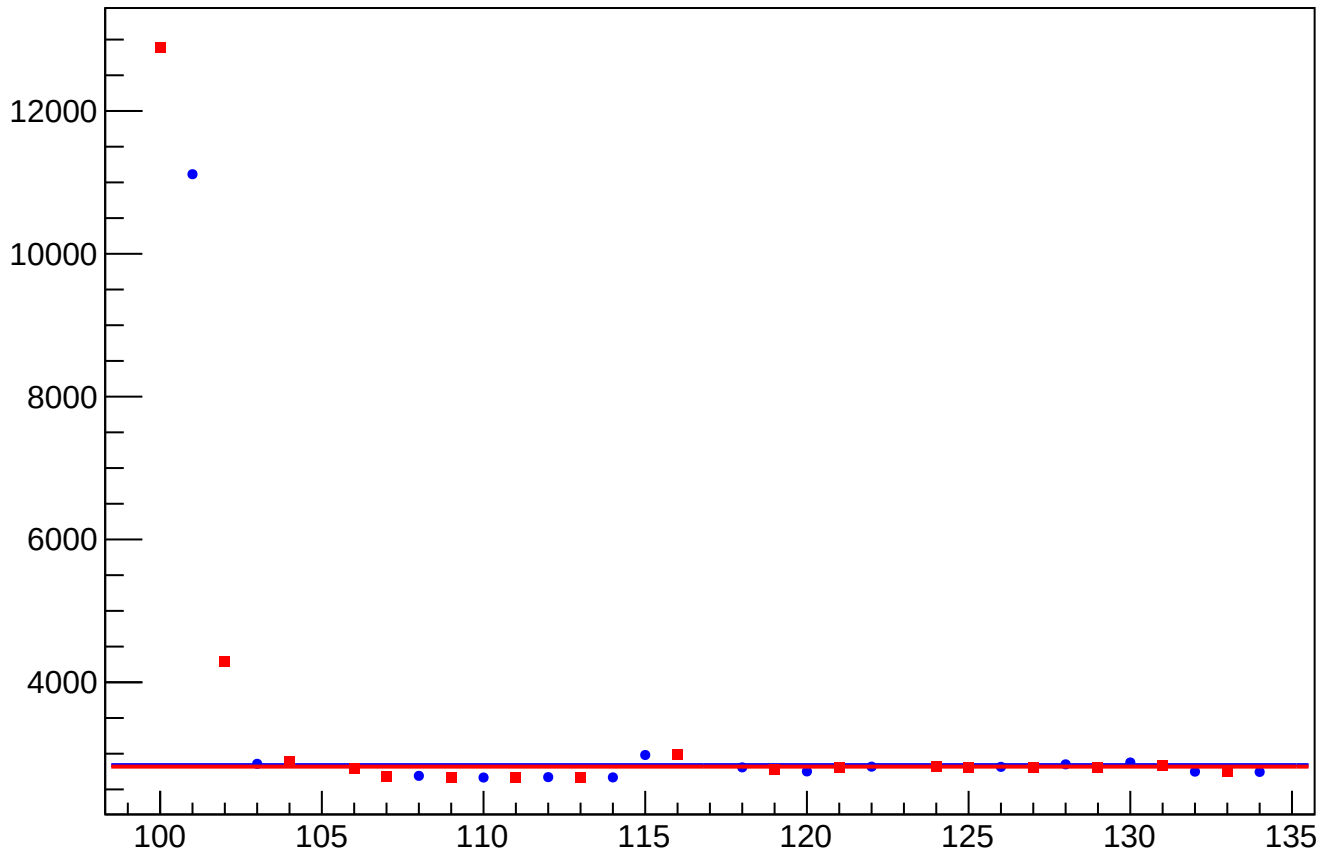
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -76.516+/-801.761 χ^2/NDF : 34.5/31

- sign 0.000+/-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: 2819.011+/-0.784 χ^2 /NDF: 199987.4/16

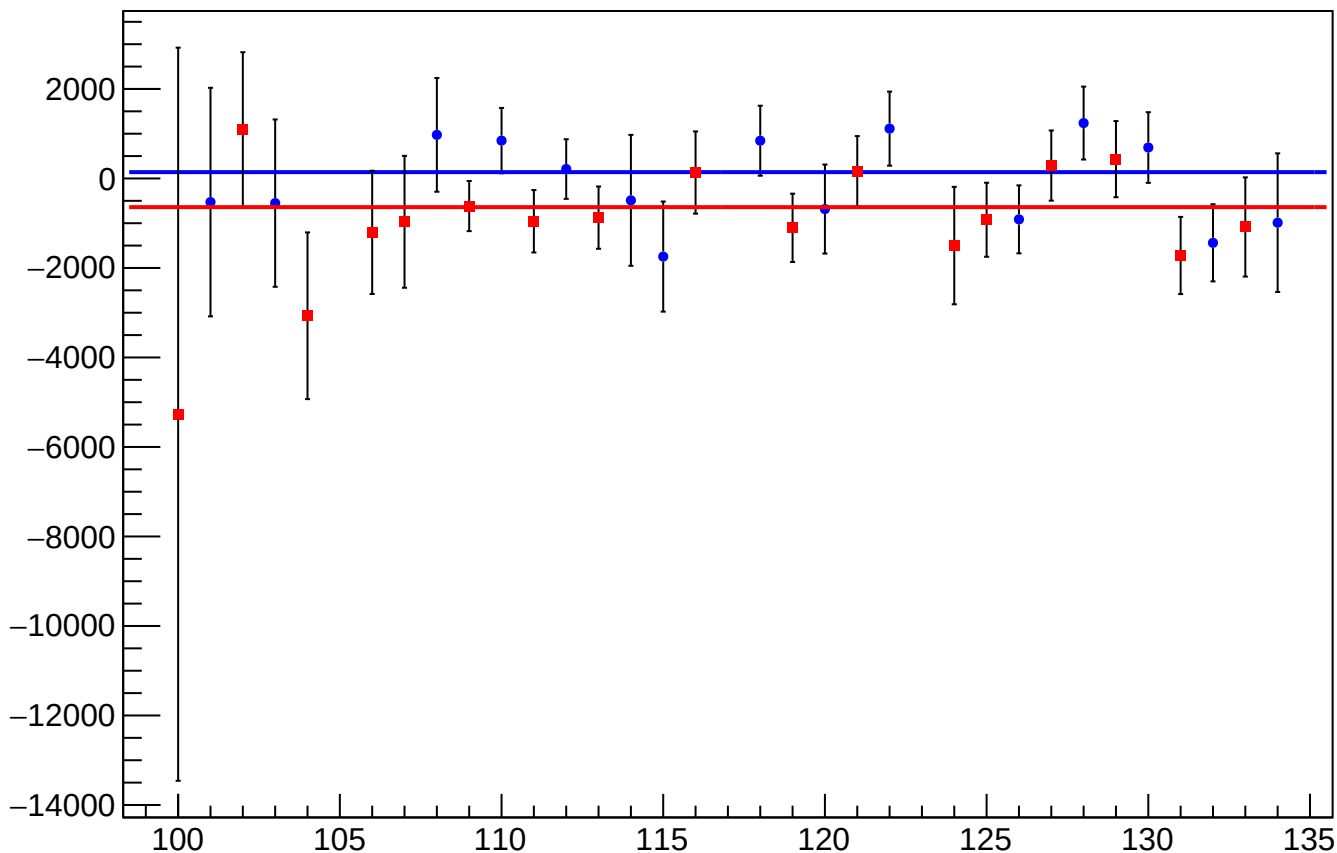
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 2829.047+/-0.567 χ^2 /NDF: 941314.3/31

- 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: -640.680 $\pm$ 219.928 χ^2 /NDF: 10.9/16

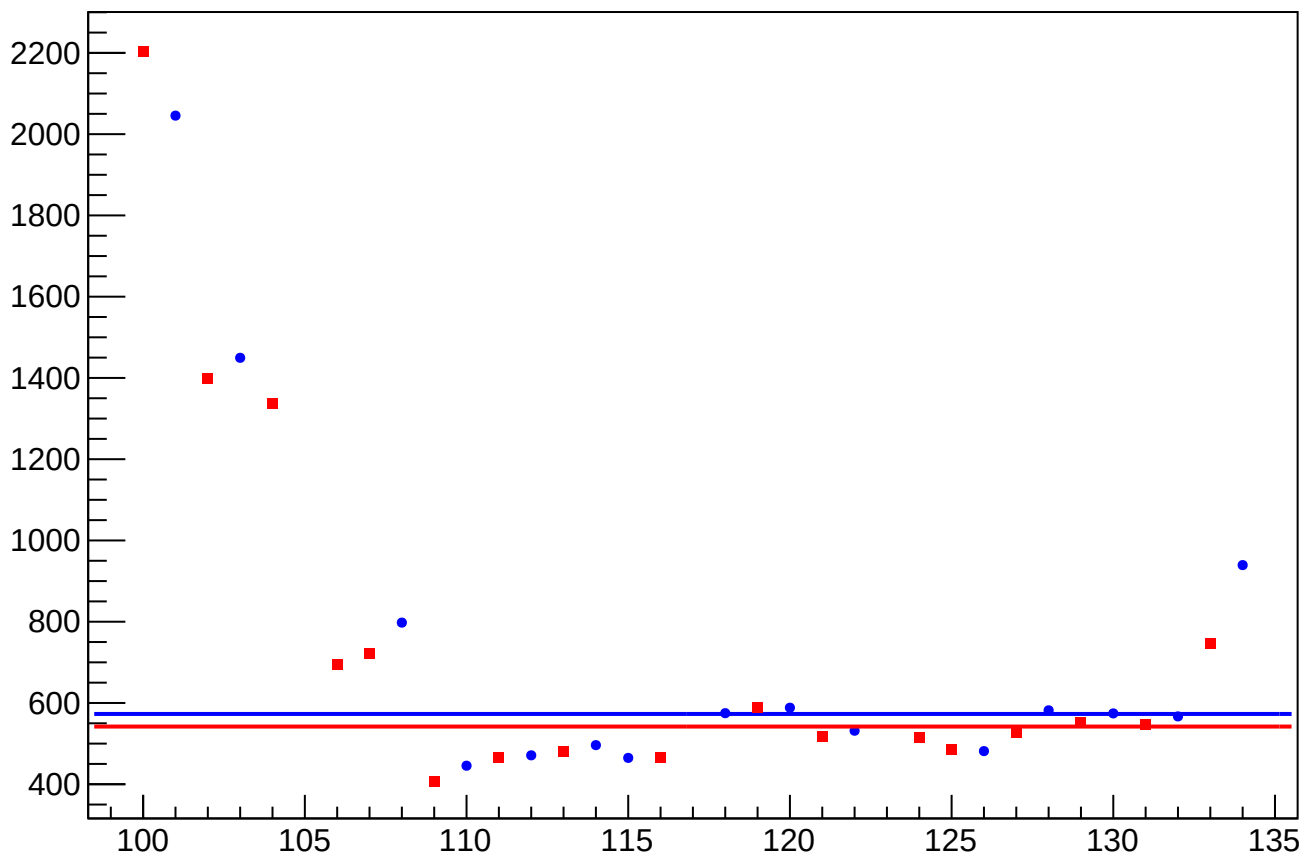
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -287.573 $\pm$ 162.854 χ^2 /NDF: 31.8/31

- 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: 541.953+/-0.156 χ^2/NDF : 1246186.7/16

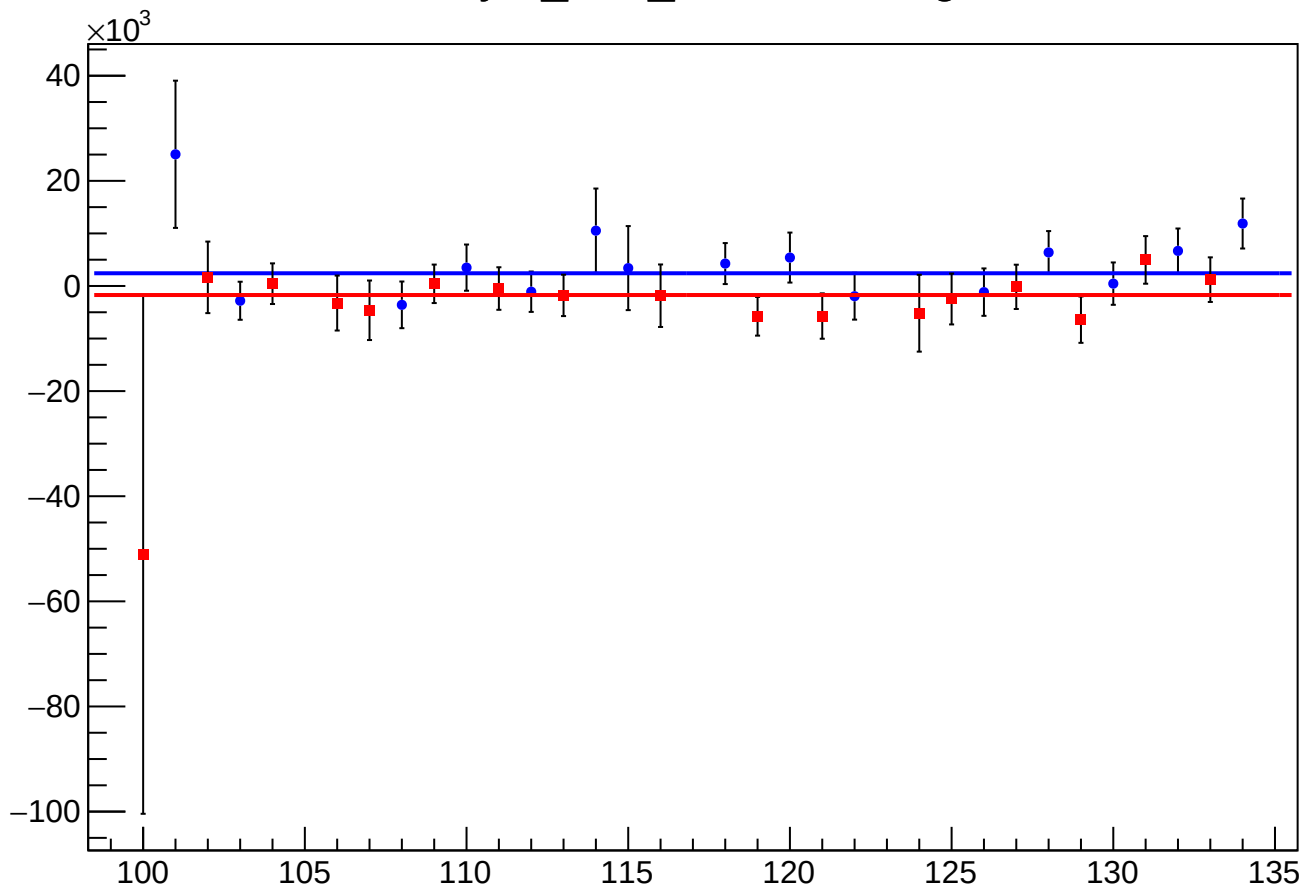
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 555.970+/-0.115 χ^2/NDF : 2706647.5/31

- 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: -1720.301 $\pm$ 1127.881 χ^2 /NDF: 8.6/16

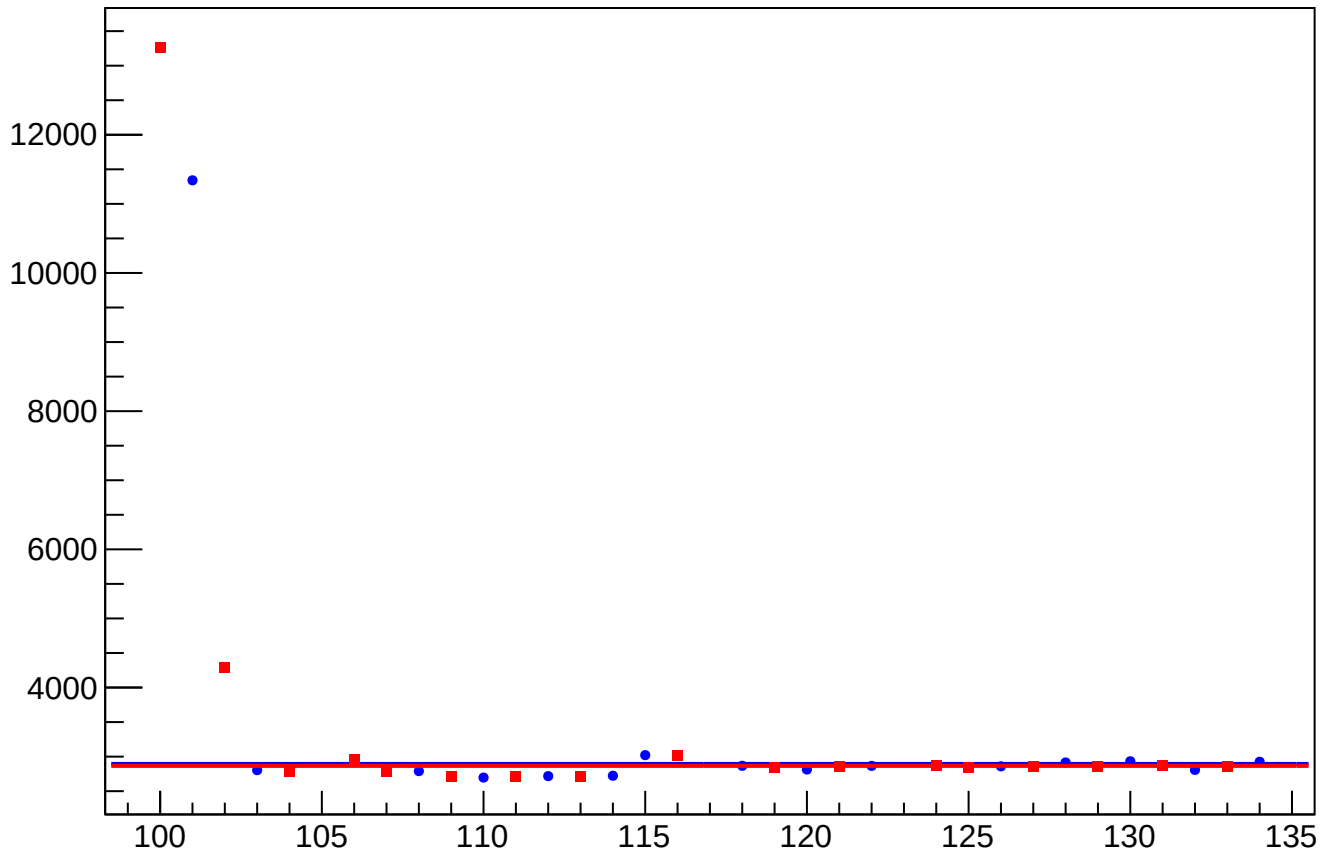
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 250.234 $\pm$ 816.448 χ^2 /NDF: 31.8/31

- 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: 2865.801+/-0.798 χ^2/NDF : 190255.9/16

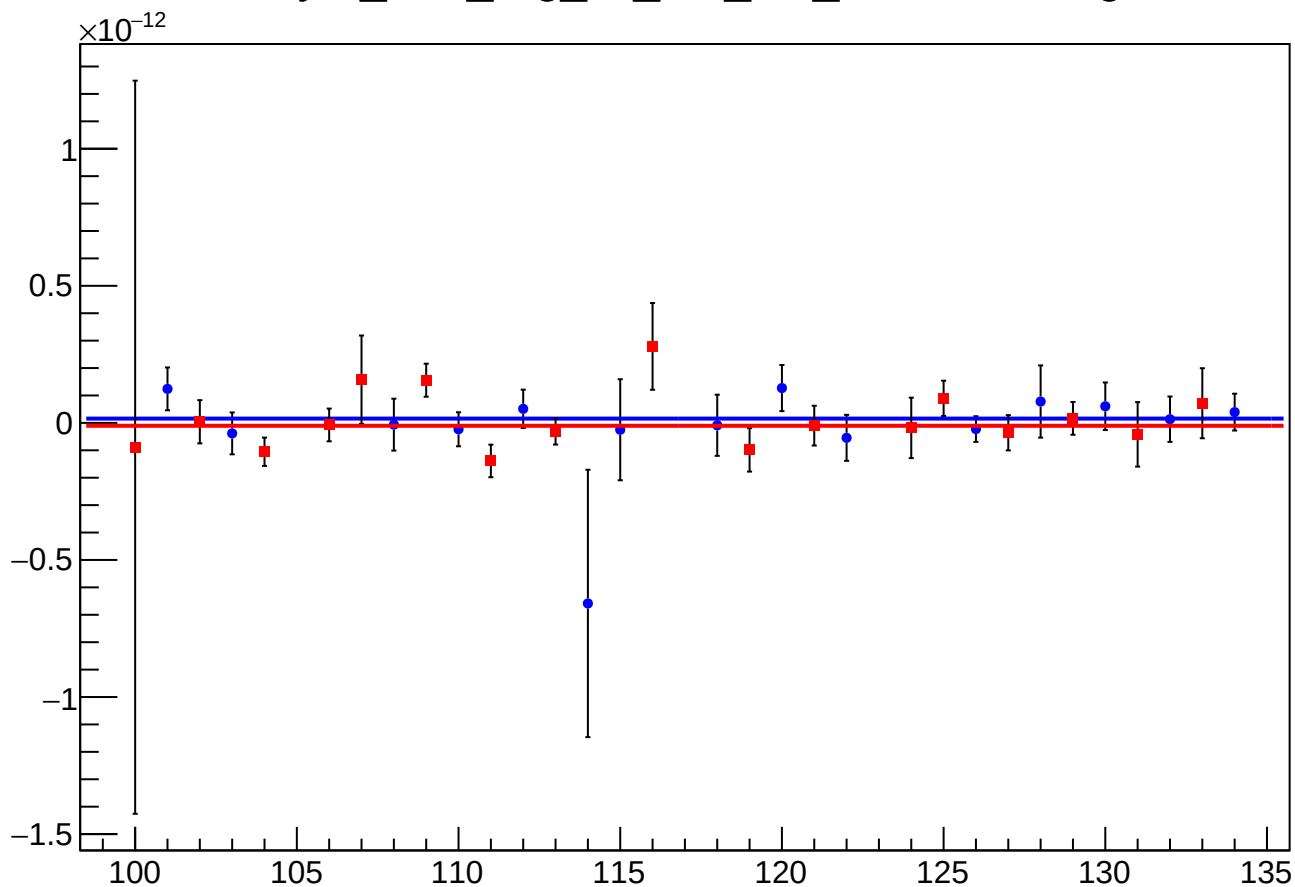
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2879.286+/-0.577 χ^2/NDF : 932307.3/31

- 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 : 24.8/16

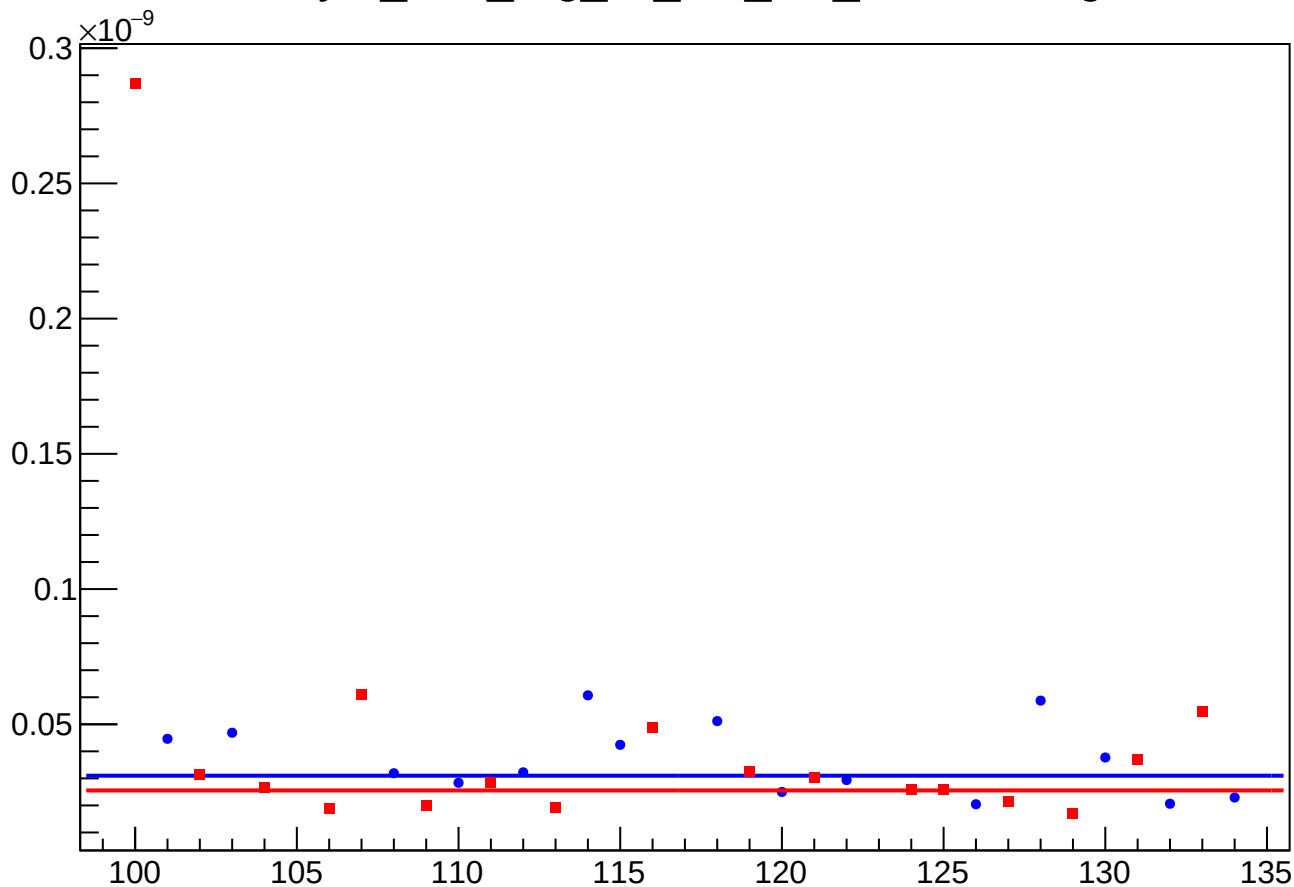
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.6/31

- 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 : 508453.1/16

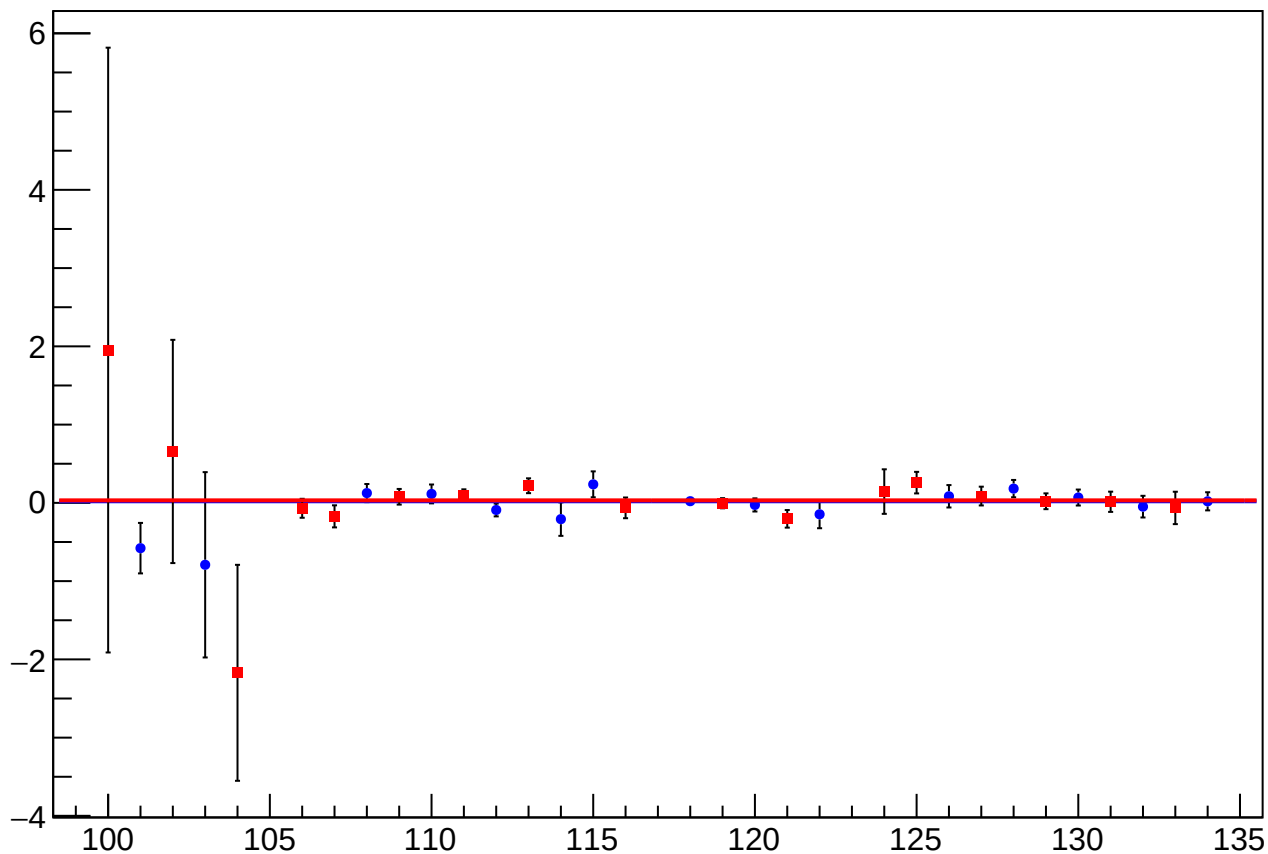
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2/NDF : 1095123.9/31

- 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: 0.032 $\pm$ 0.029 χ^2 /NDF: 19.3/16

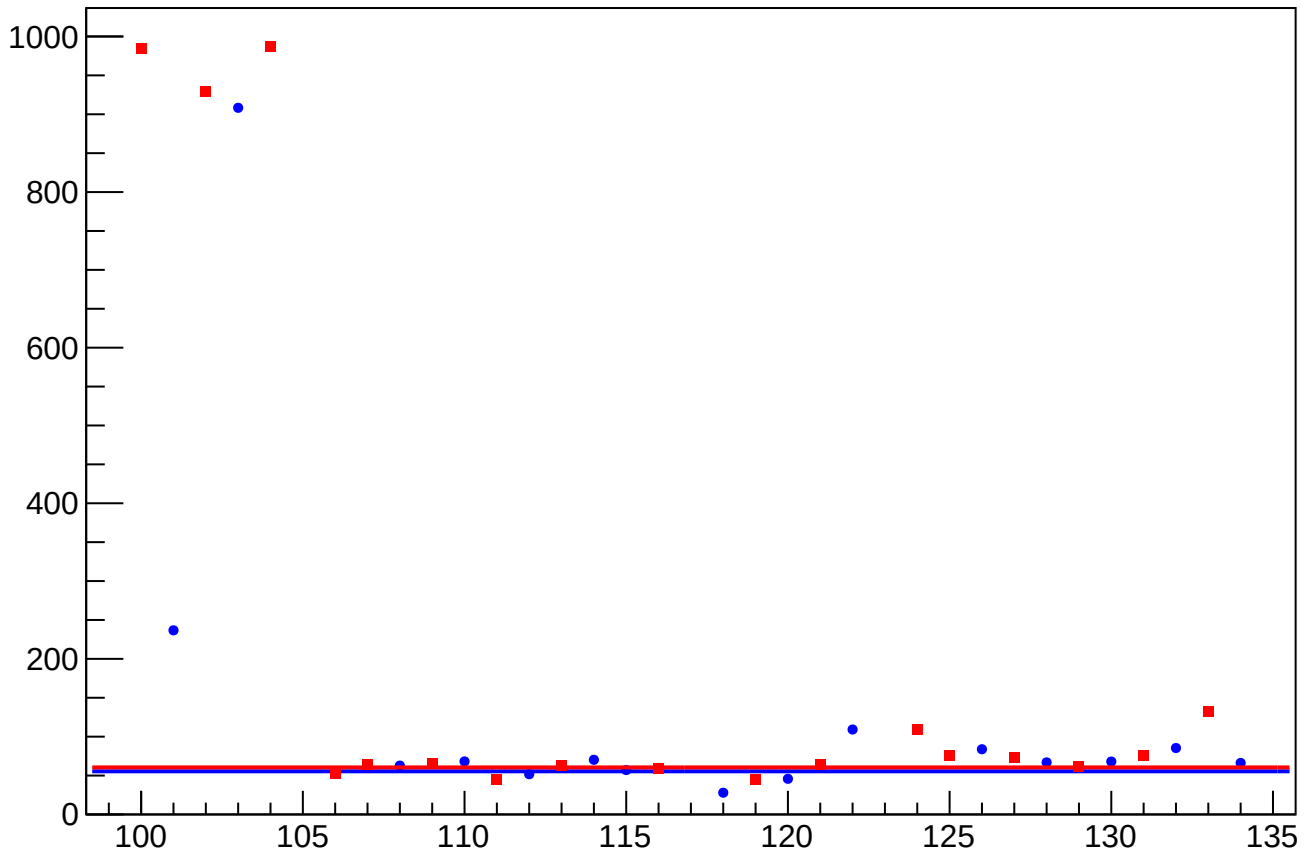
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.026 $\pm$ 0.020 χ^2 /NDF: 33.4/31

- 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 $\pm$ 0.020 χ^2 /NDF: 2702120.2/14

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

Right Out: 60.461 $\pm$ 0.020 χ^2 /NDF: 2370940.4/16

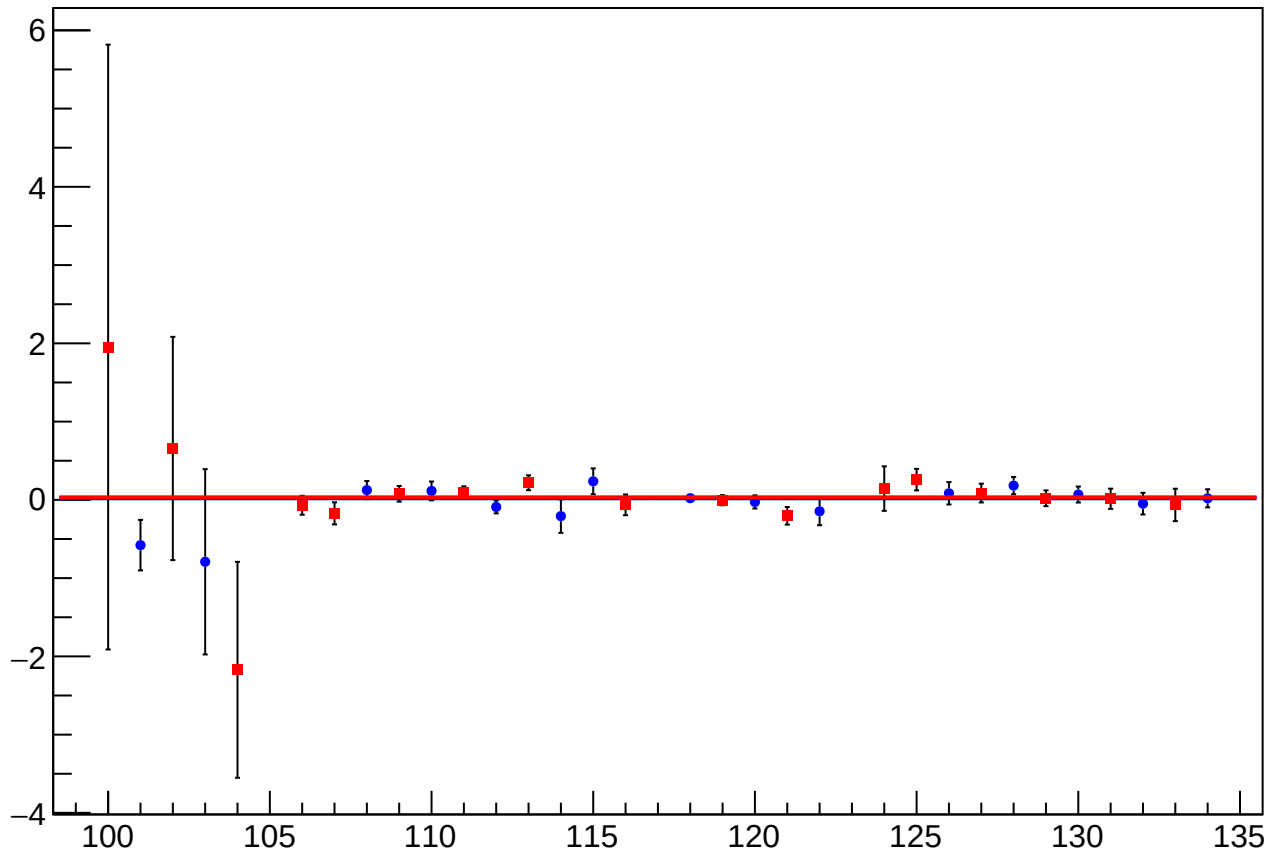
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 57.920 $\pm$ 0.014 χ^2 /NDF: 5103826.7/31

- sign 0.000 $\pm$ 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: 0.032+/-0.029 χ^2/NDF : 19.3/16

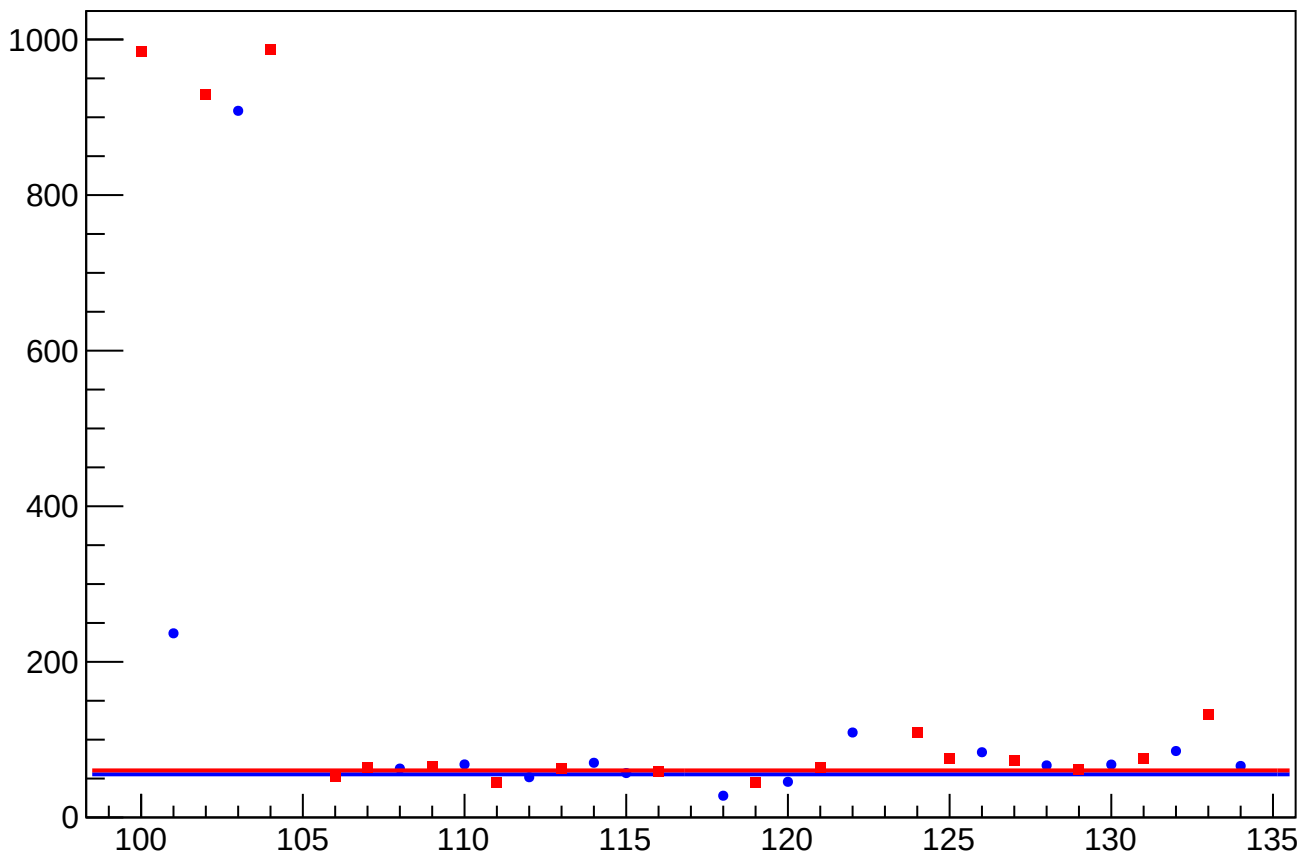
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.026+/-0.020 χ^2/NDF : 33.4/31

- 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: 60.461 $\pm$ 0.020 χ^2 /NDF: 2370940.4/16

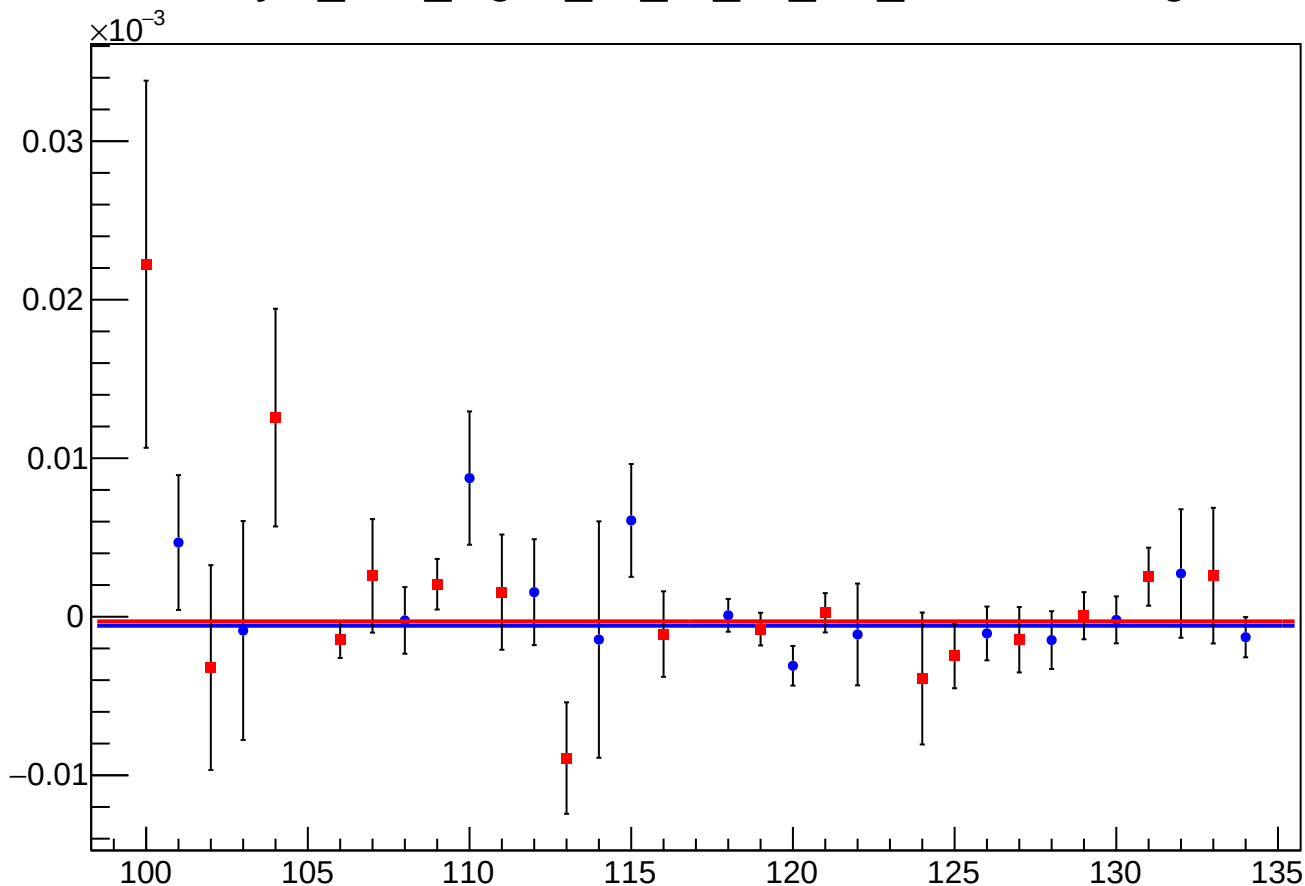
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 57.920 $\pm$ 0.014 χ^2 /NDF: 5103826.7/31

- 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+/-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 : 23.2/16

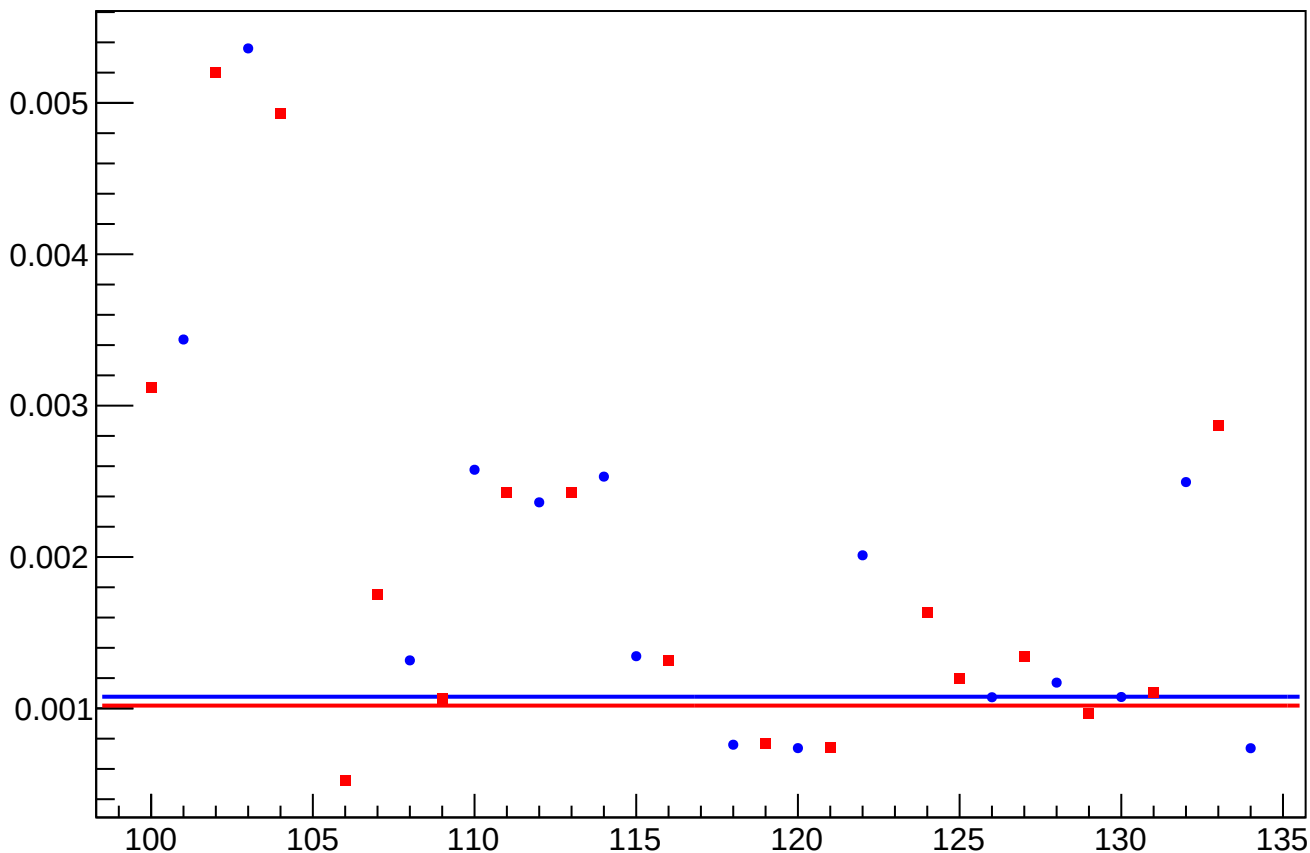
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 39.6/31

- sign 0.000+/-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 : 3367052.1/16

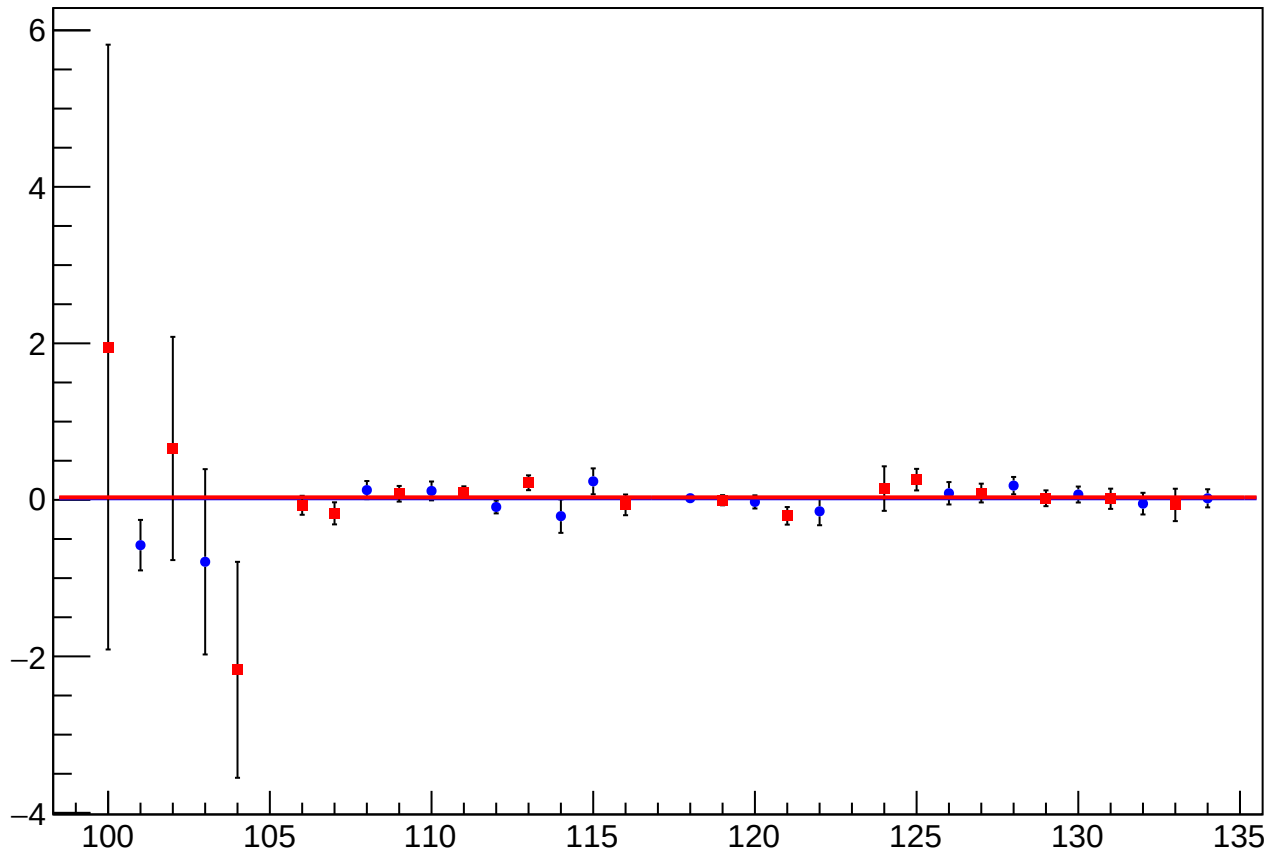
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6328701.1/31

- 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: 0.032 $\pm$ 0.029 χ^2 /NDF: 19.3/16

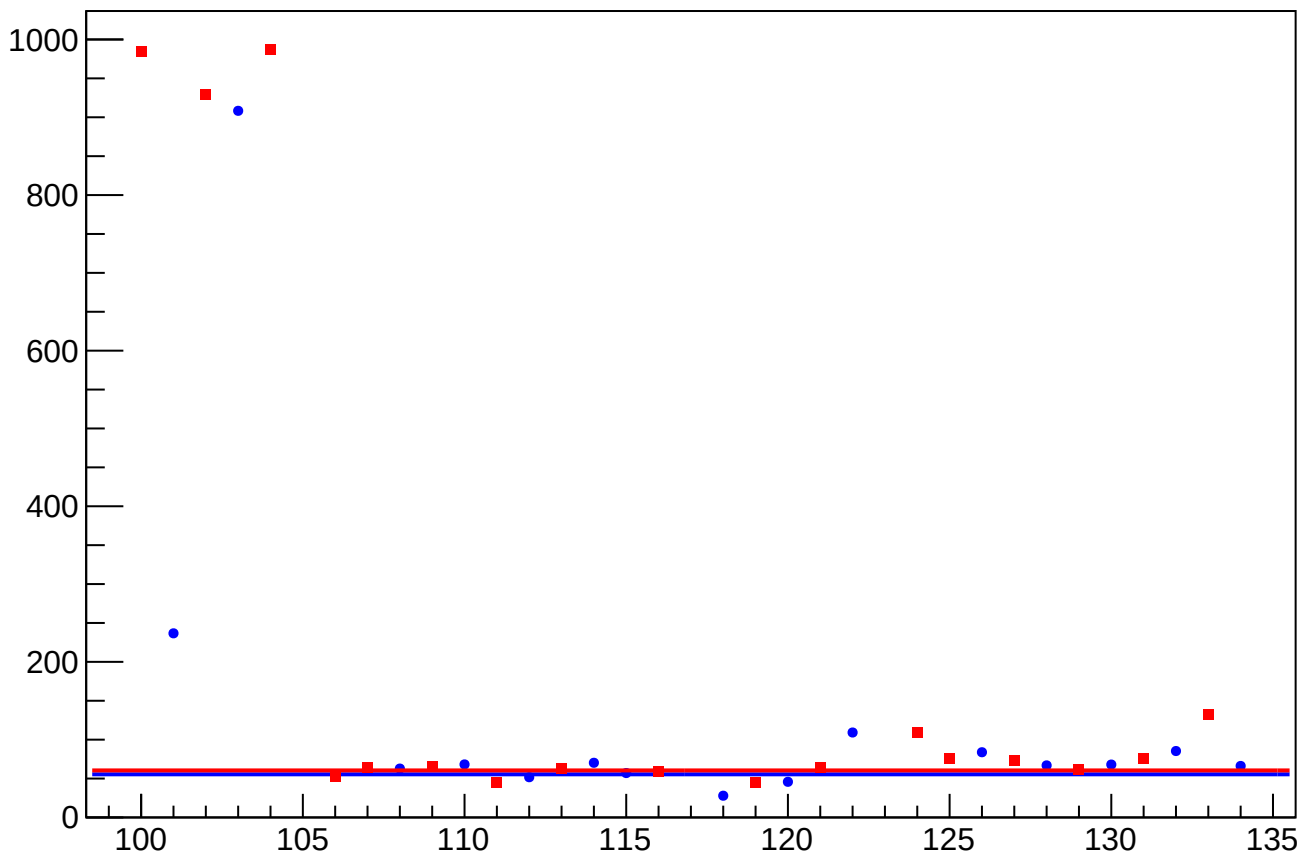
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.026 $\pm$ 0.020 χ^2 /NDF: 33.4/31

- 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+/-0.020 χ^2/NDF : 2702185.3/14

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

Right Out: 60.461+/-0.020 χ^2/NDF : 2370929.4/16

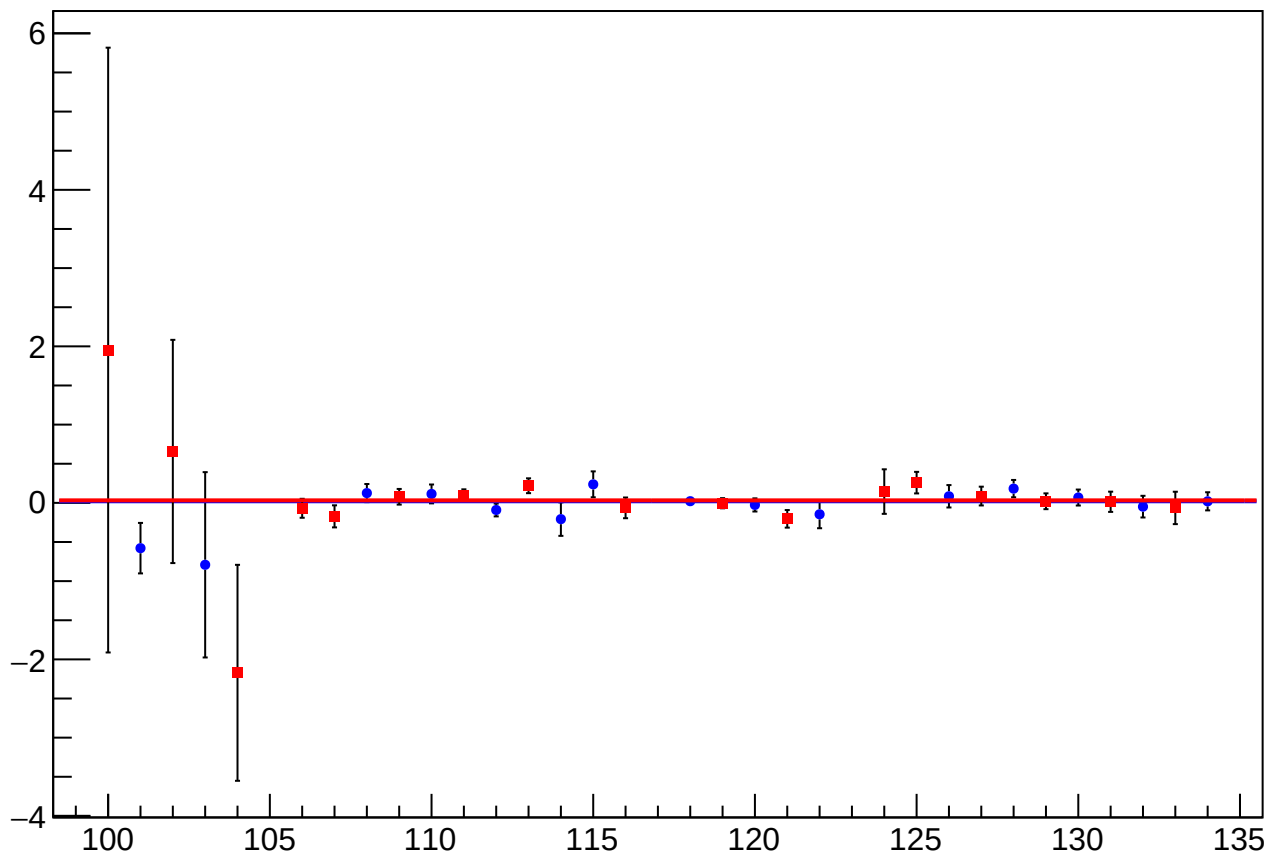
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.920+/-0.014 χ^2/NDF : 5103888.9/31

- sign 0.000+/-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: 0.032 $\pm$ 0.029 χ^2 /NDF: 19.3/16

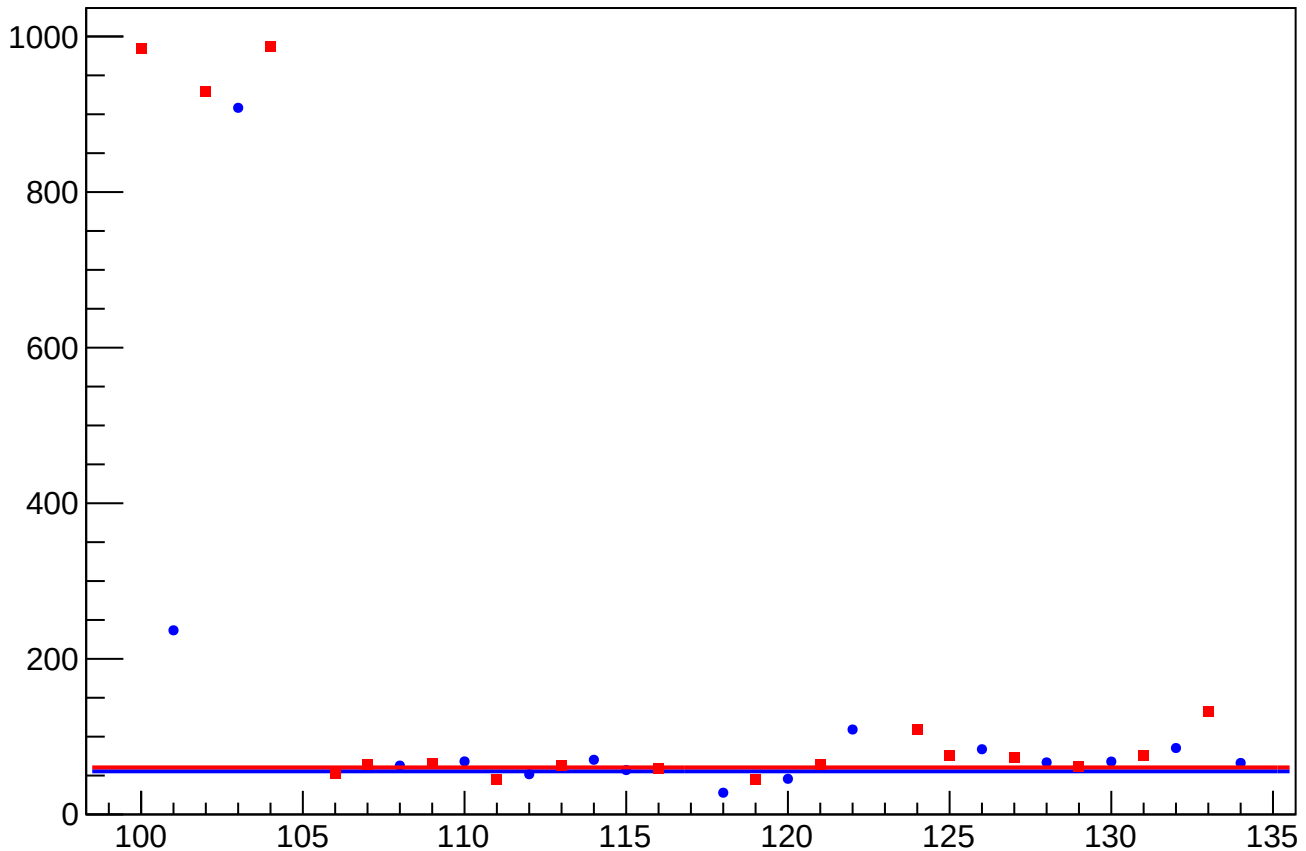
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.026 $\pm$ 0.020 χ^2 /NDF: 33.4/31

- 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: 60.461+/-0.020 χ^2/NDF : 2370929.4/16

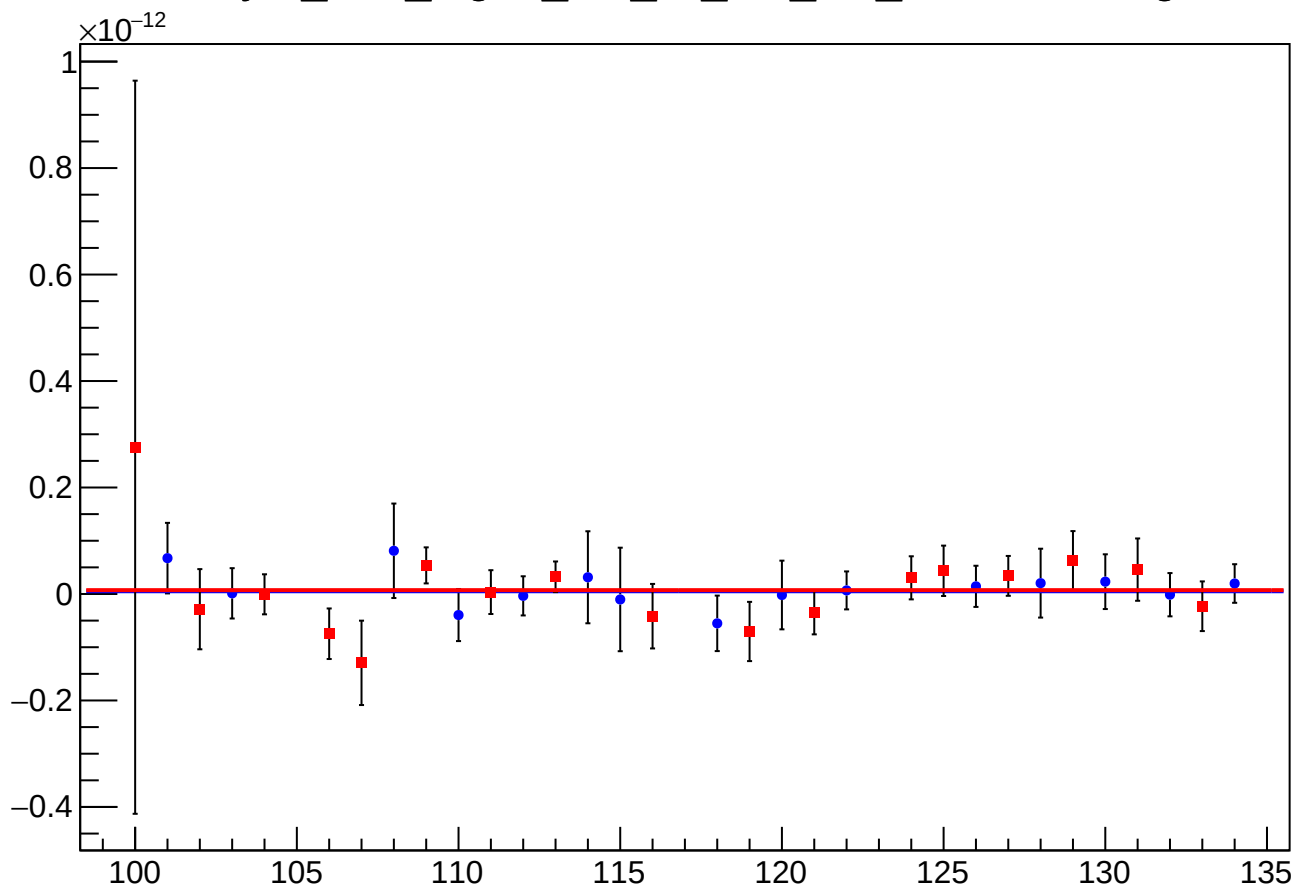
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.920+/-0.014 χ^2/NDF : 5103888.9/31

- 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 ± 0.000 χ^2/NDF : 4.4/14

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

Right Out: 0.000 ± 0.000 χ^2/NDF : 15.9/16

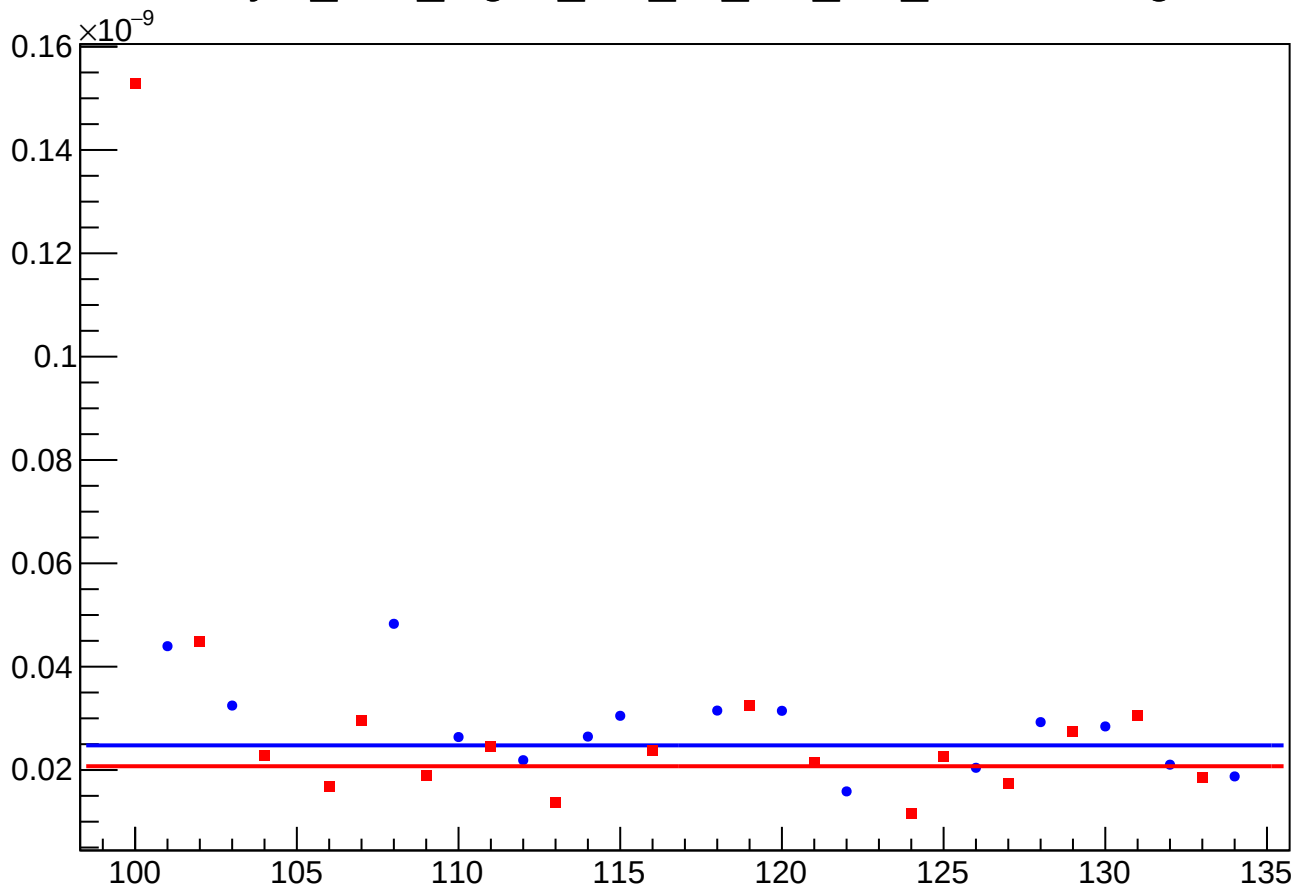
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 20.3/31

- sign 0.000 ± 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 : 770451.4/16

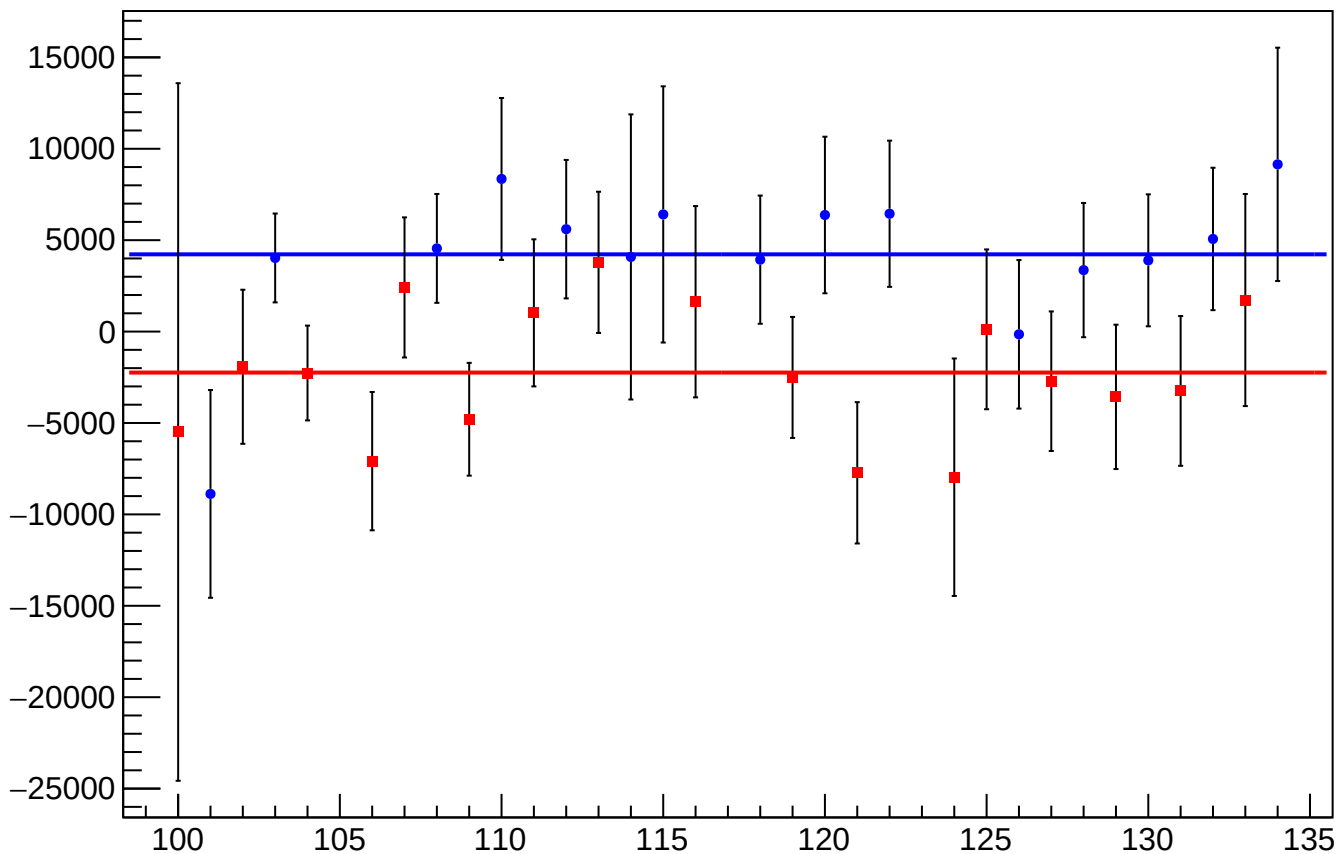
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2/NDF : 1566378.5/31

- 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: -2242.091+/-965.587 χ^2/NDF : 11.2/16

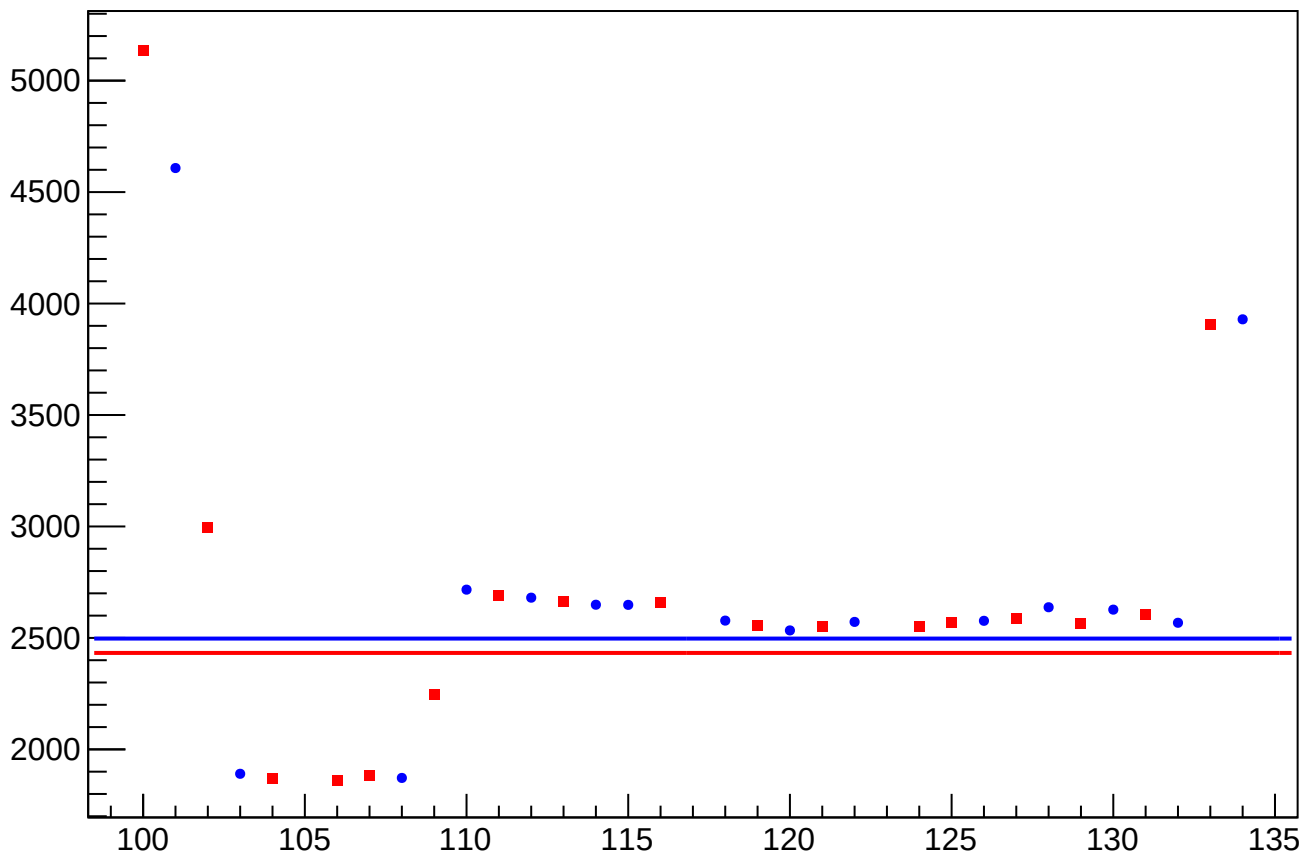
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 830.823+/-699.557 χ^2/NDF : 41.4/31

- 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: 2432.664+/-0.683 χ^2/NDF : 429778.1/16

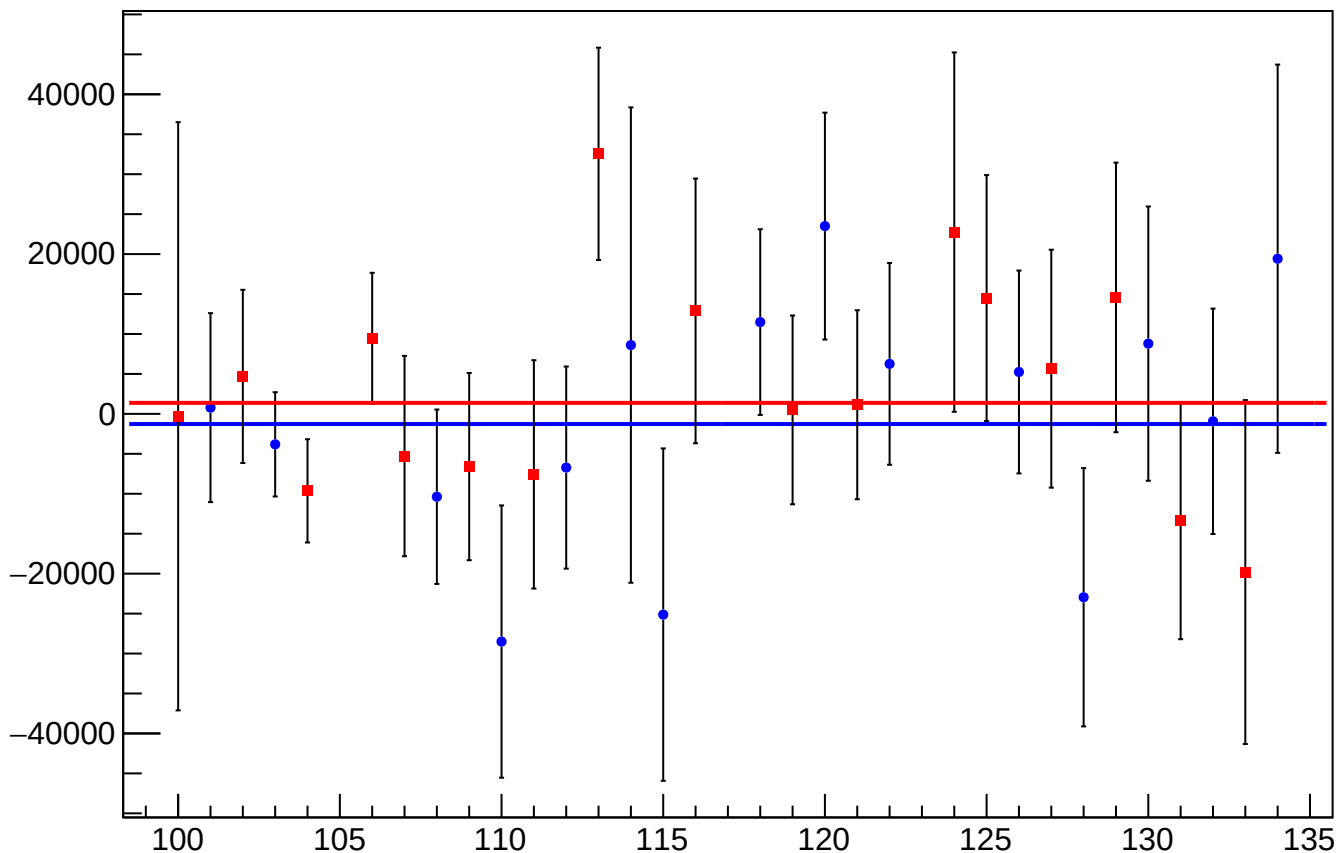
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2463.270+/-0.495 χ^2/NDF : 1043503.3/33

- 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: 1378.824+/-2998.704 χ^2/NDF : 15.4/16

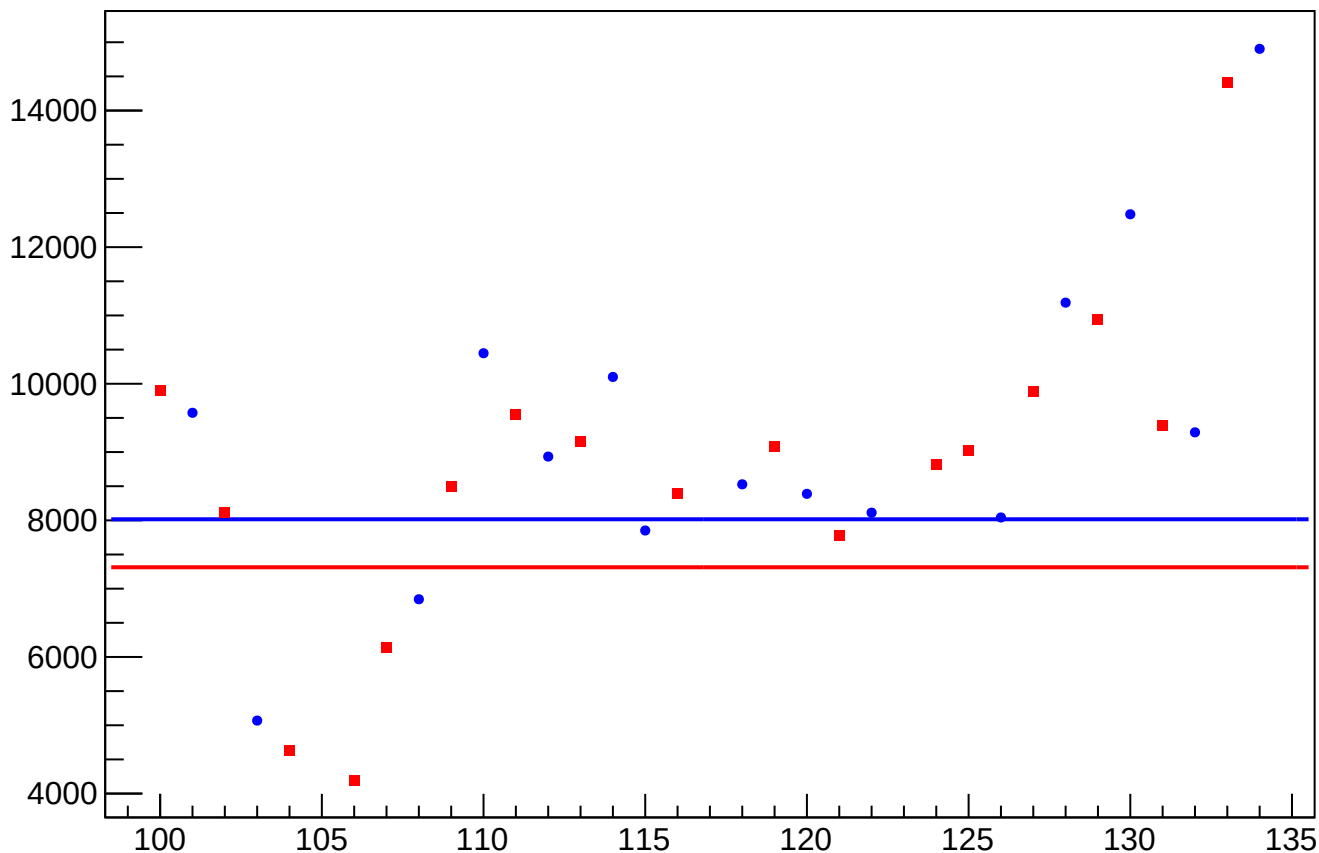
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.624+/-2224.229 χ^2/NDF : 28.5/31

- 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

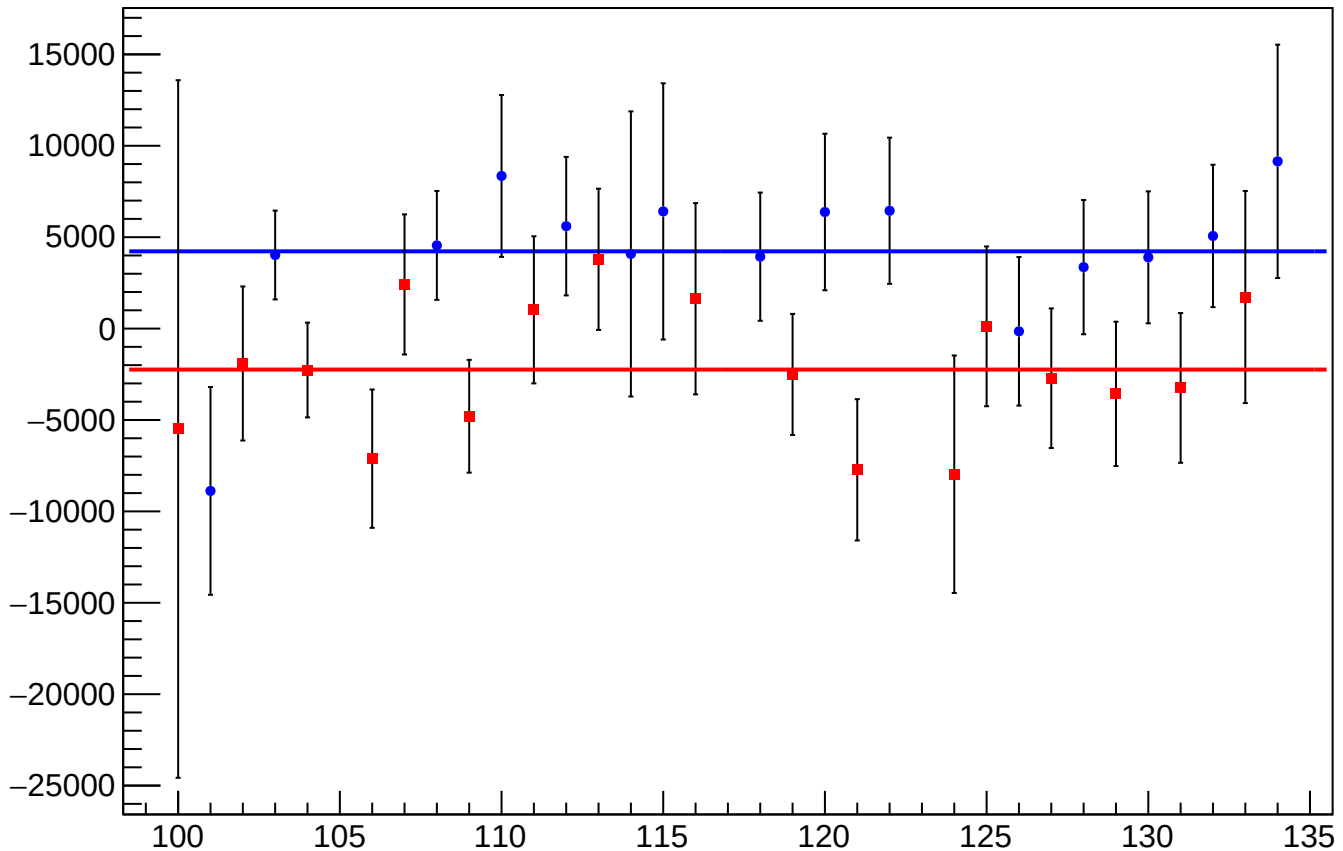
Right Out: 7313.329+/-2.120 χ^2/NDF : 1280678.9/16

All: 7629.380+/-1.573 χ^2/NDF : 2251425.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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: -2242.880 $\pm$ 965.596 χ^2 /NDF: 11.3/16

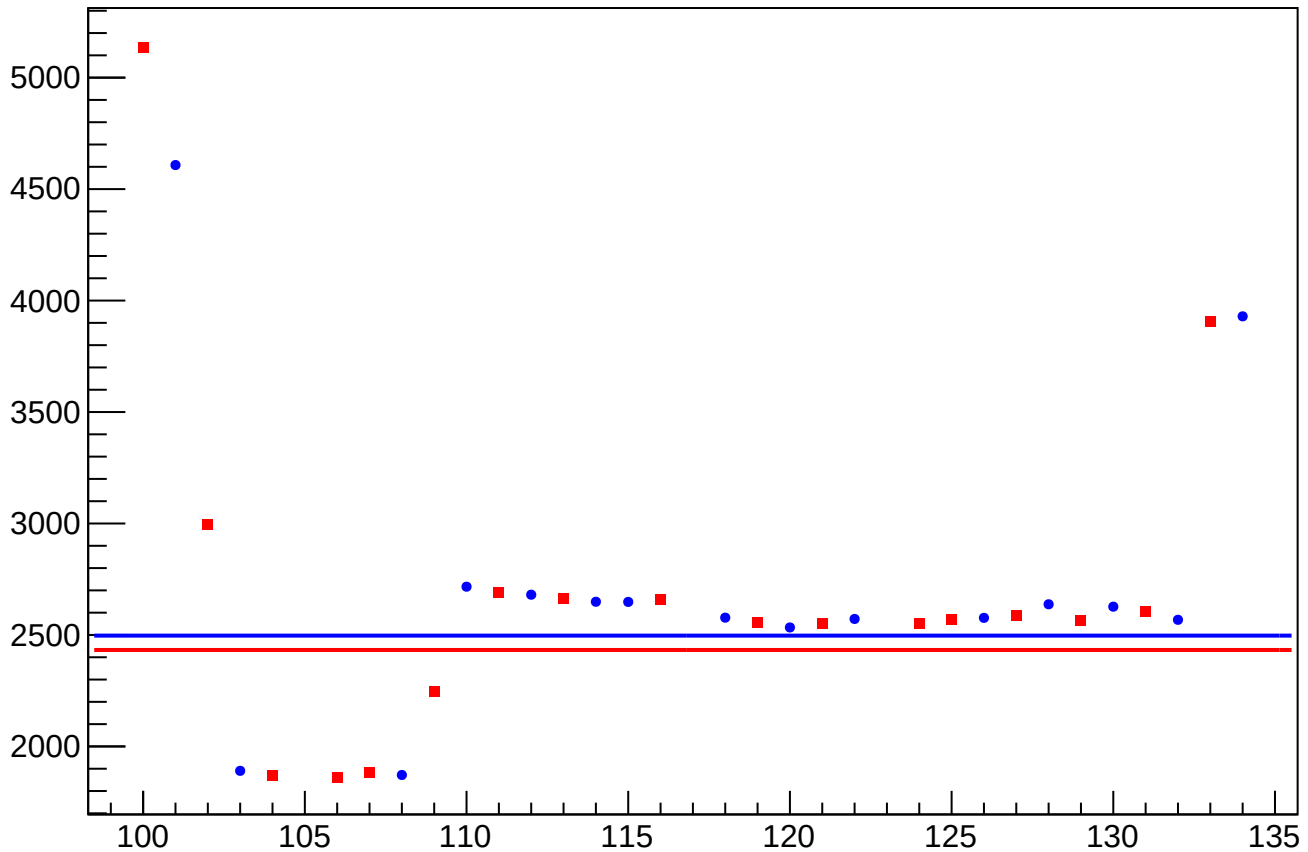
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 830.159 $\pm$ 699.560 χ^2 /NDF: 41.4/31

- 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: 2432.690+/-0.683 χ^2/NDF : 429725.6/16

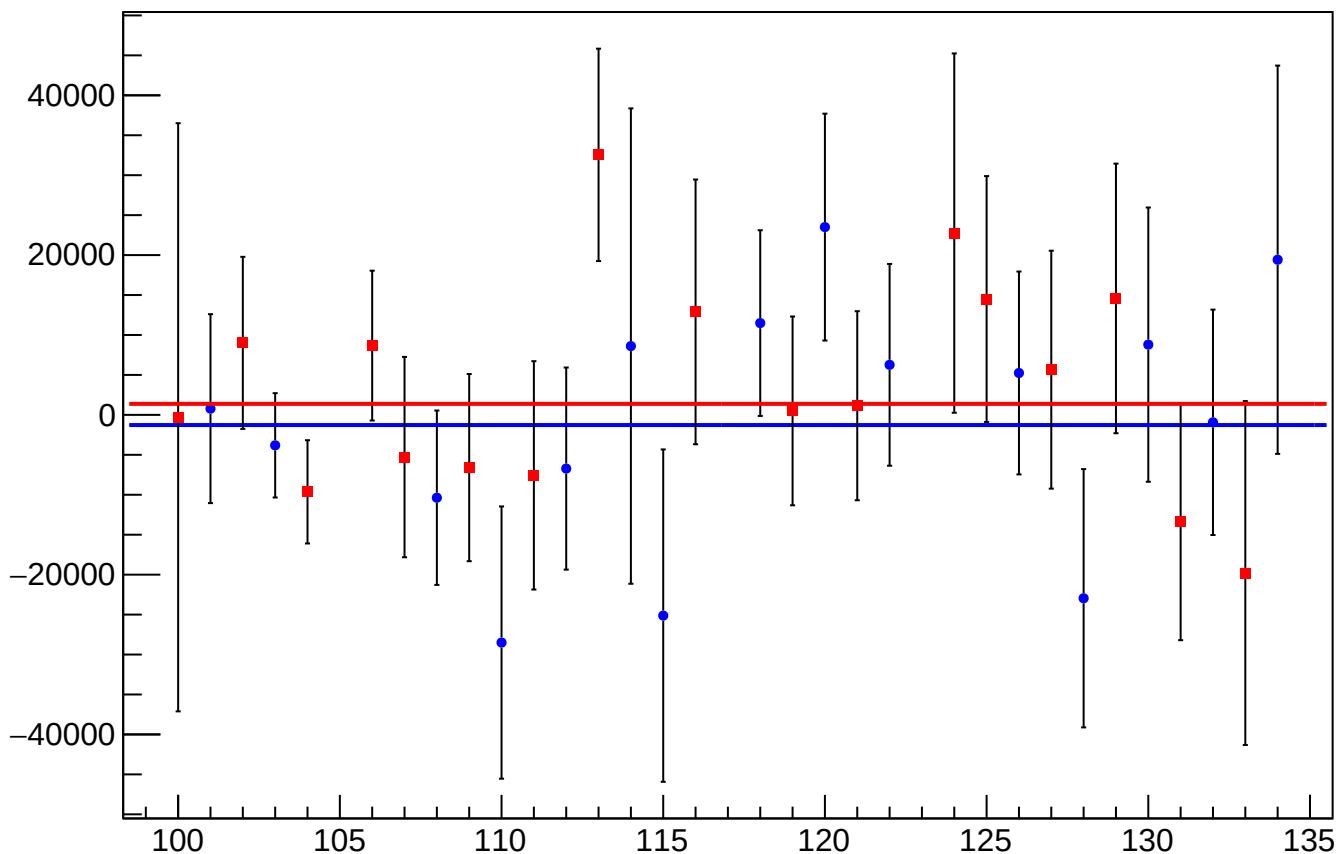
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2463.284+/-0.495 χ^2/NDF : 1043445.3/31

- 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: 1378.032+/-3046.113 χ^2/NDF : 15.4/16

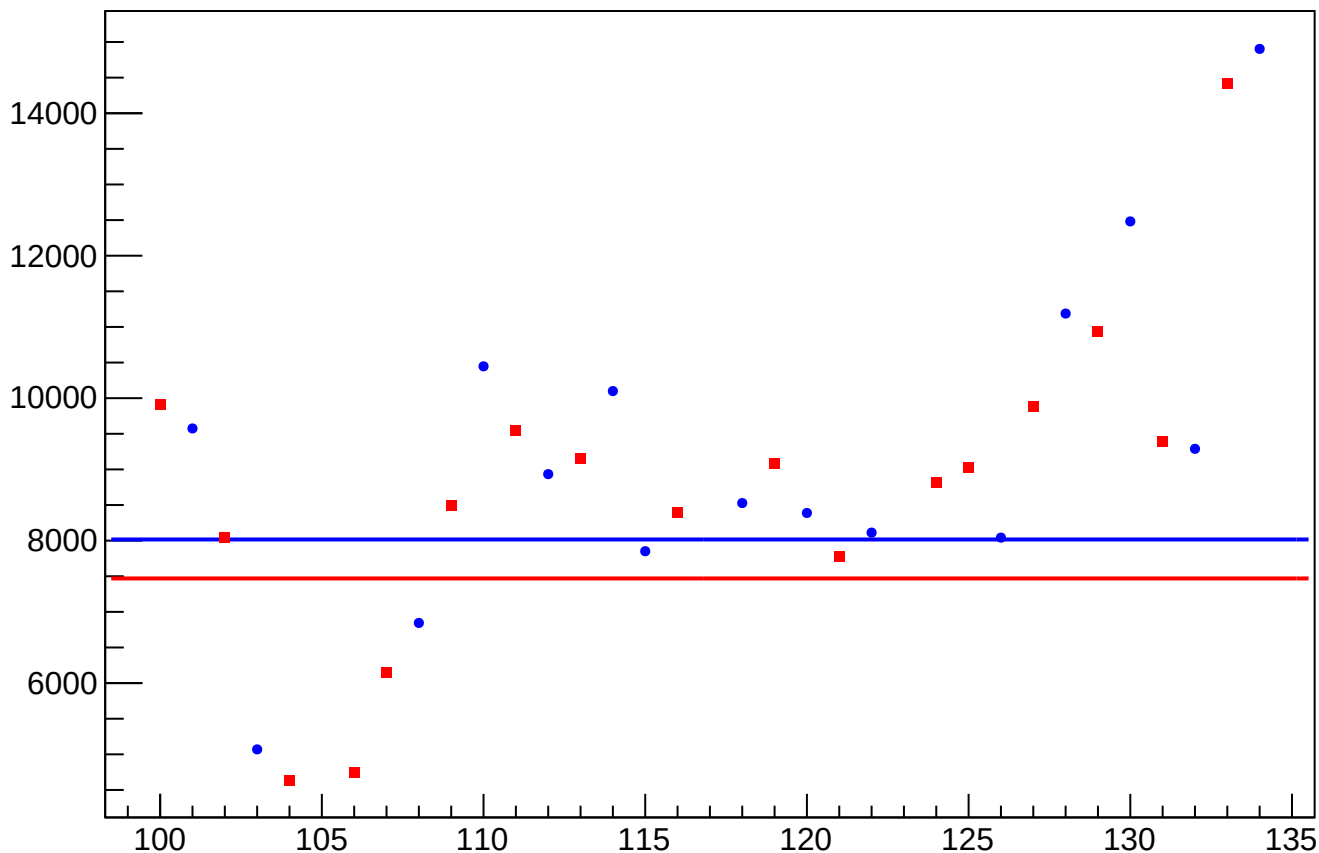
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.776+/-2243.404 χ^2/NDF : 28.6/31

- 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: 7469.133+/-2.154 χ^2/NDF : 1132974.3/16

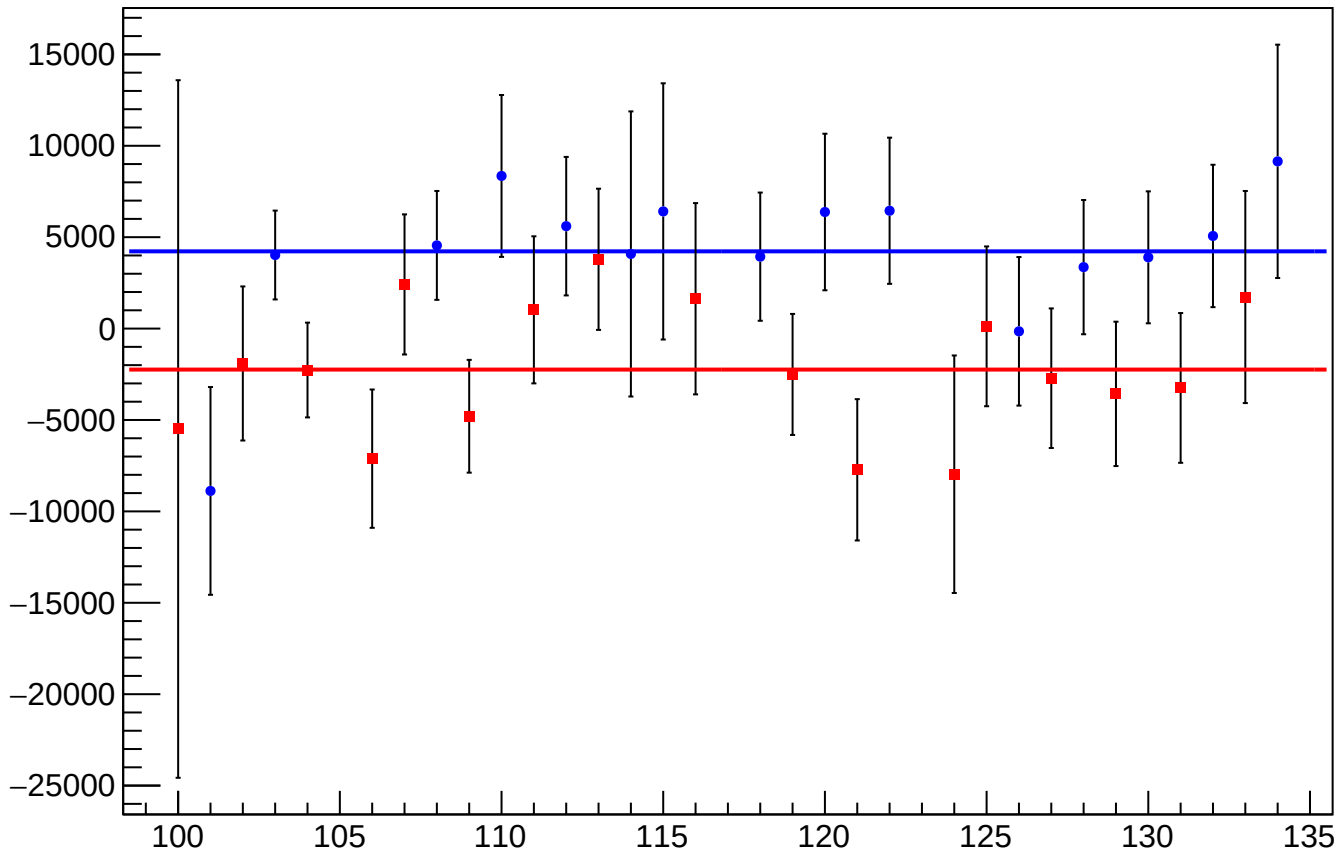
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7719.515+/-1.586 χ^2/NDF : 2083559.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_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: -2242.880 $\pm$ 965.596 χ^2 /NDF: 11.3/16

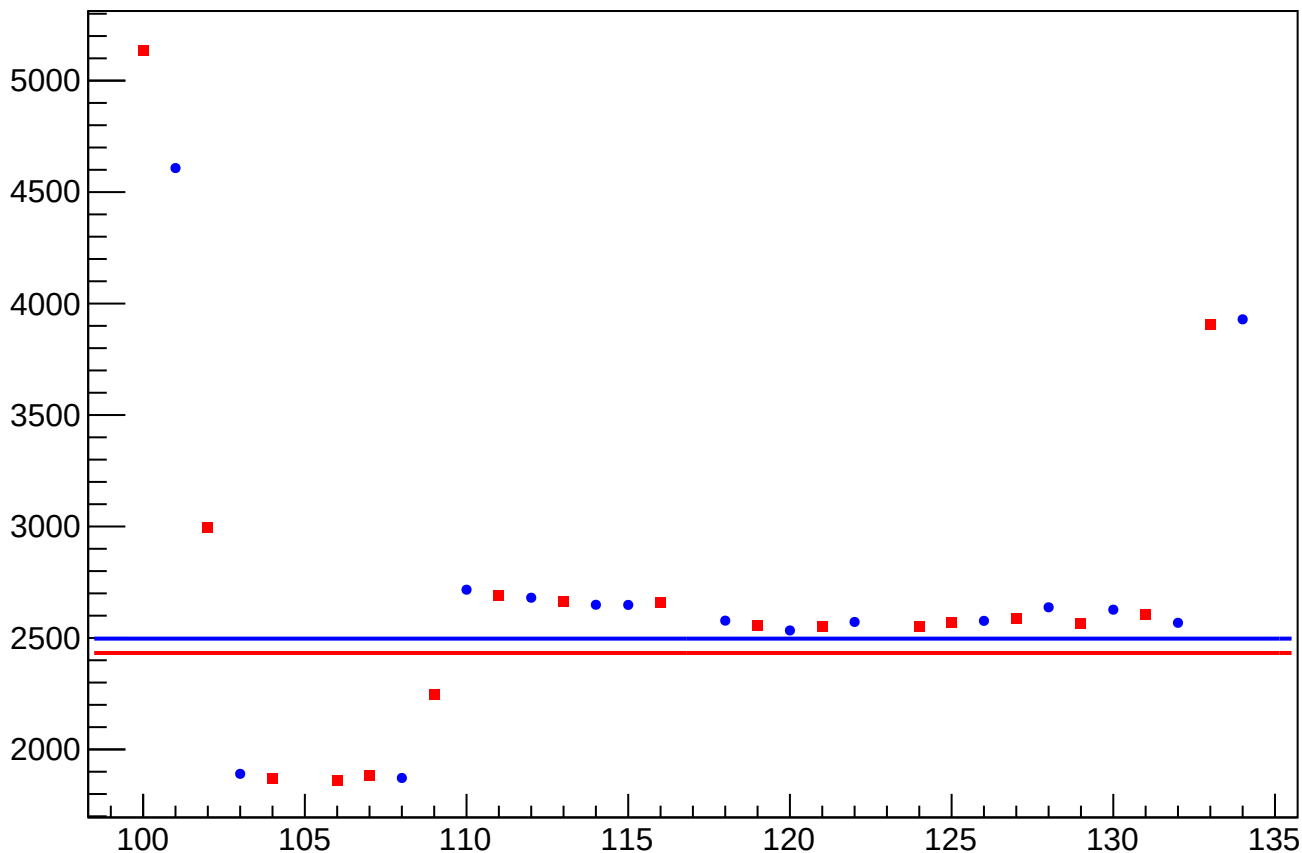
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 830.159 $\pm$ 699.560 χ^2 /NDF: 41.4/31

- sign 0.000 $\pm$ 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: 2432.690+/-0.683 χ^2/NDF : 429725.6/16

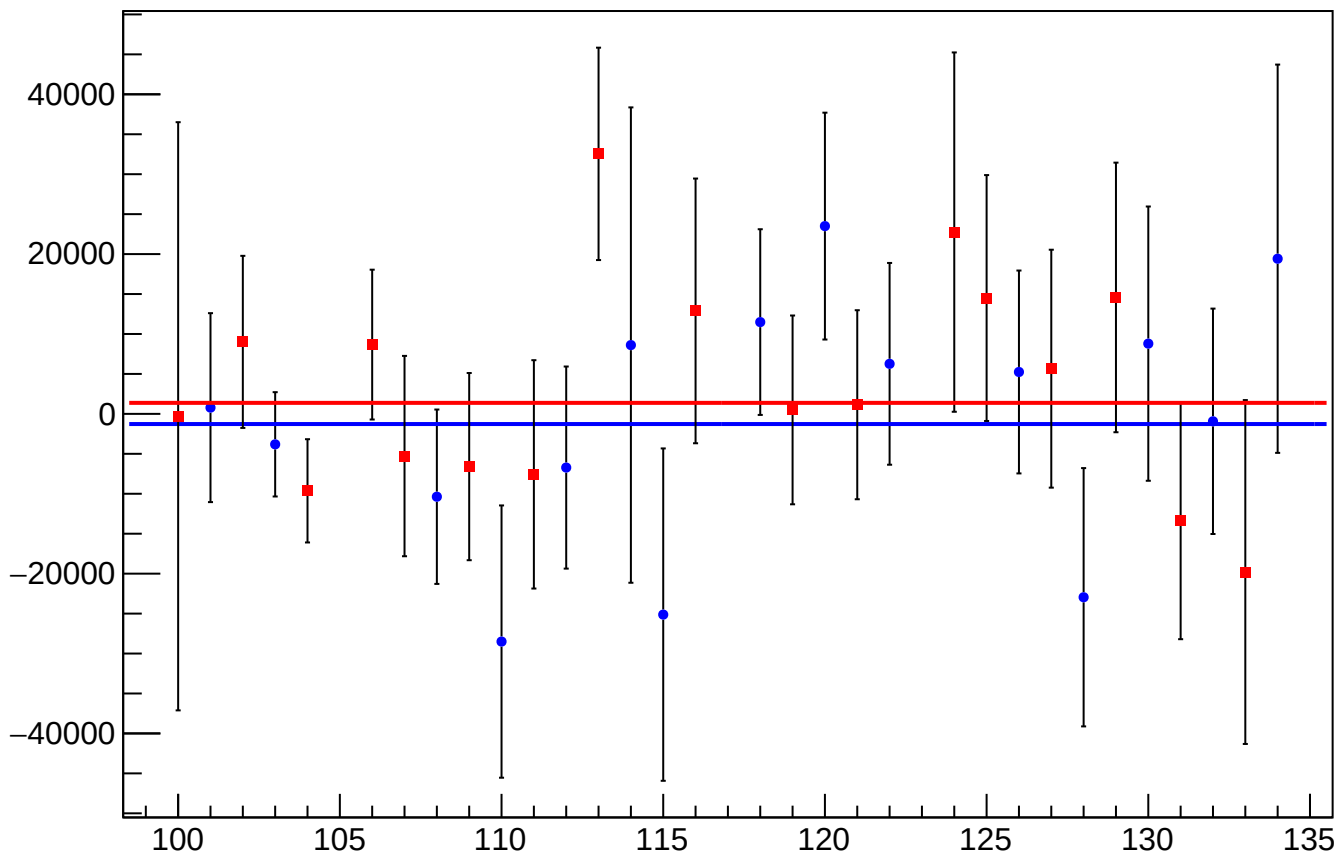
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2463.284+/-0.495 χ^2/NDF : 1043445.3/33

- 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: 1378.032+/-3046.113 χ^2/NDF : 15.4/16

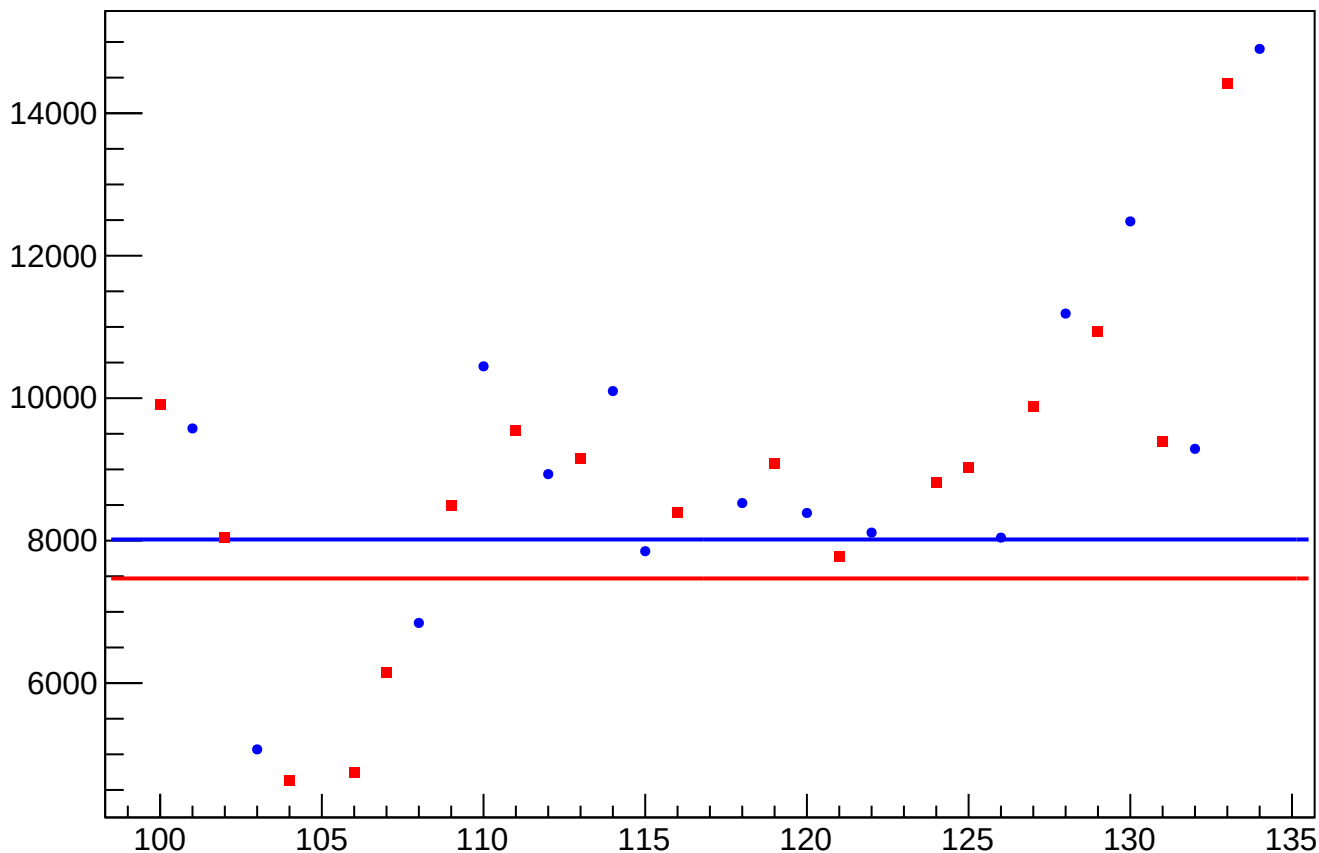
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.776+/-2243.404 χ^2/NDF : 28.6/31

- 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

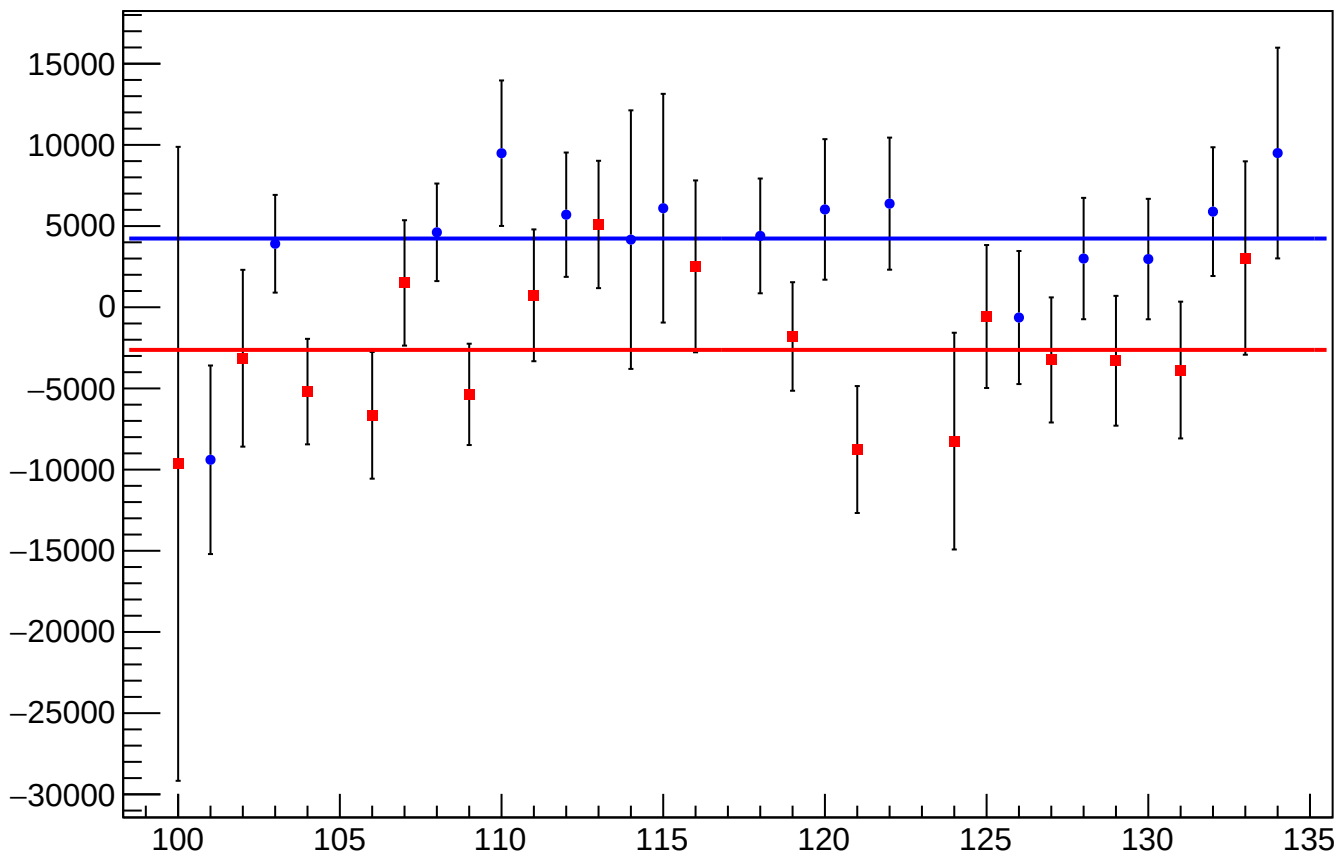
Right Out: 7469.133+/-2.154 χ^2/NDF : 1132974.3/16

All: 7719.515+/-1.586 χ^2/NDF : 2083559.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_asym_atr2_mean vs Slug



Right In: 4232.690+/-1060.081 χ^2/NDF : 10.0/14

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

Right Out: -2626.599+/-1014.637 χ^2/NDF : 13.7/16

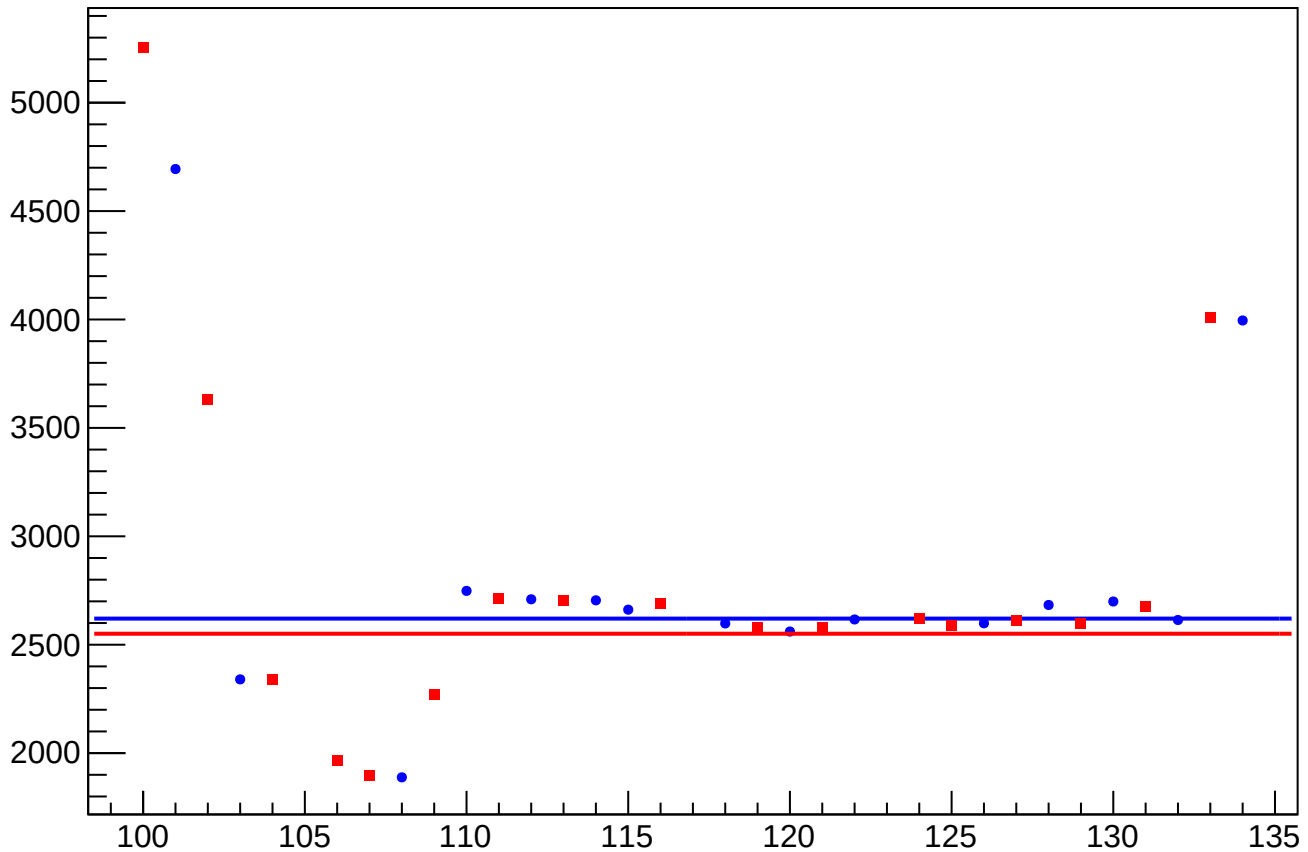
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 652.874+/-732.996 χ^2/NDF : 45.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr2_rms vs Slug



Right In: 2620.437 $\pm$ 0.750 χ^2 /NDF: 485910.2/14

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

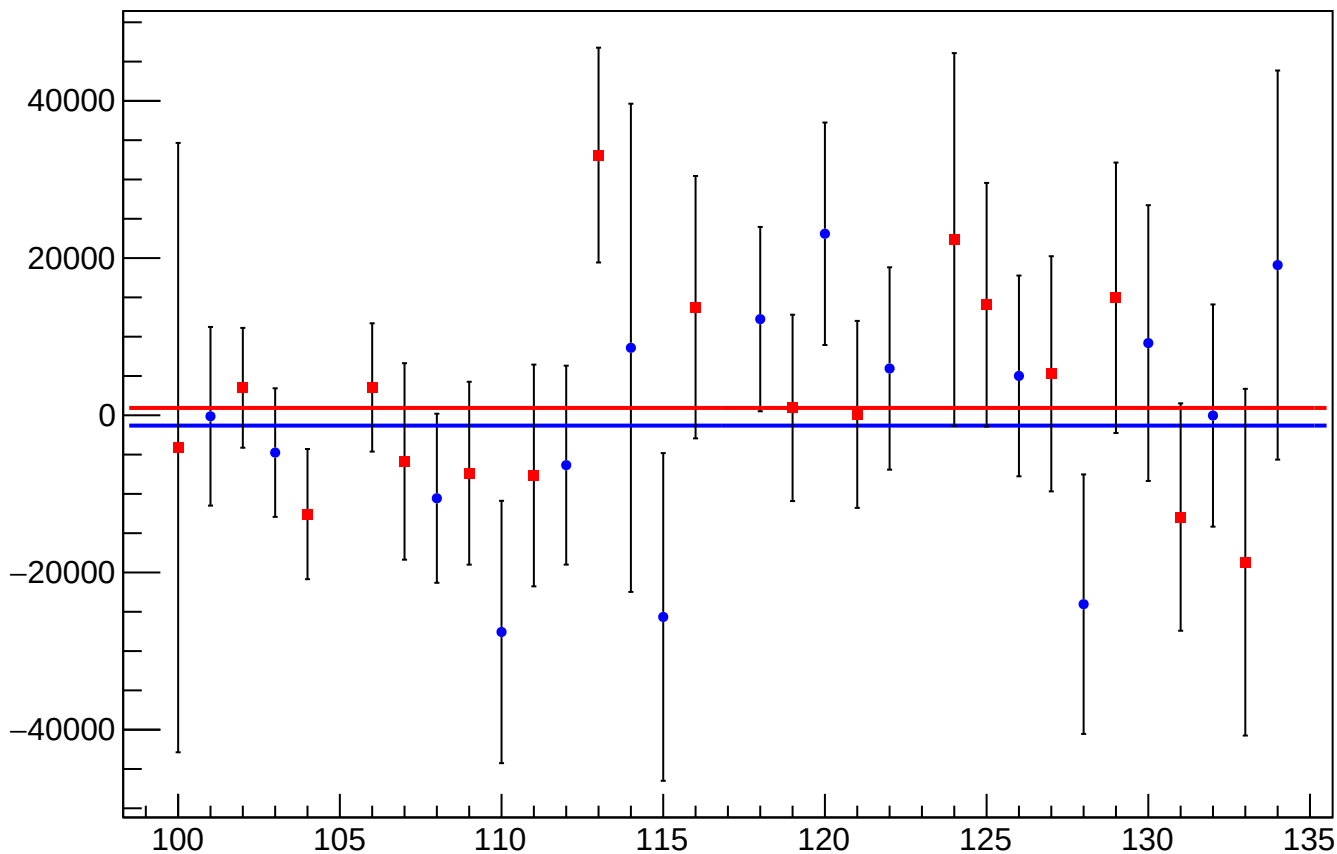
Right Out: 2550.674 $\pm$ 0.717 χ^2 /NDF: 375533.7/16

All: 2584.006 $\pm$ 0.518 χ^2 /NDF: 865967.2/31

- 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_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: 935.737+/-3014.764 χ^2/NDF : 14.2/16

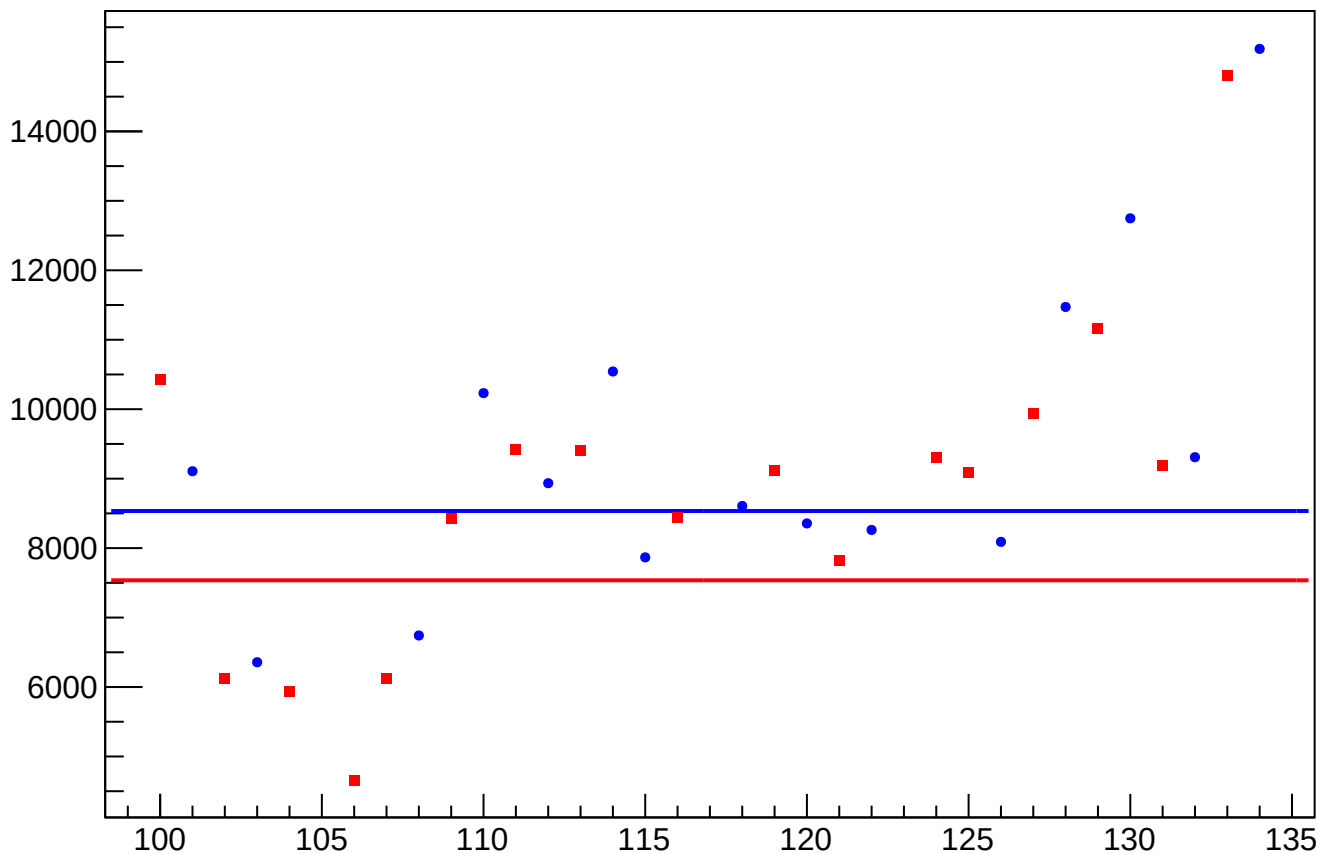
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.569+/-2279.158 χ^2/NDF : 27.3/31

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

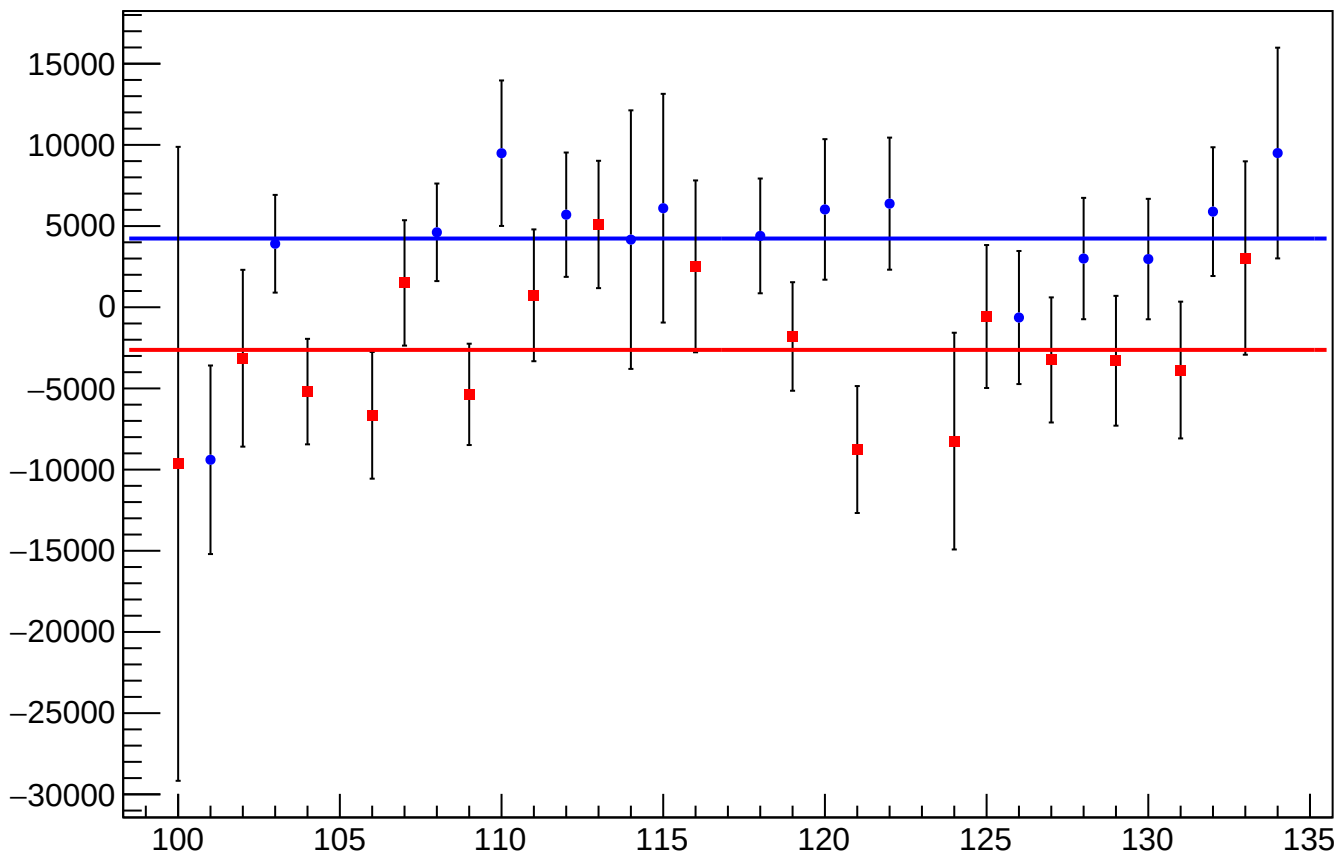
Right Out: 7536.591+/-2.132 χ^2/NDF : 969698.7/16

All: 7964.149+/-1.612 χ^2/NDF : 1631994.6/31

- 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_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: -2626.608+/-1014.637 χ^2/NDF : 13.7/16

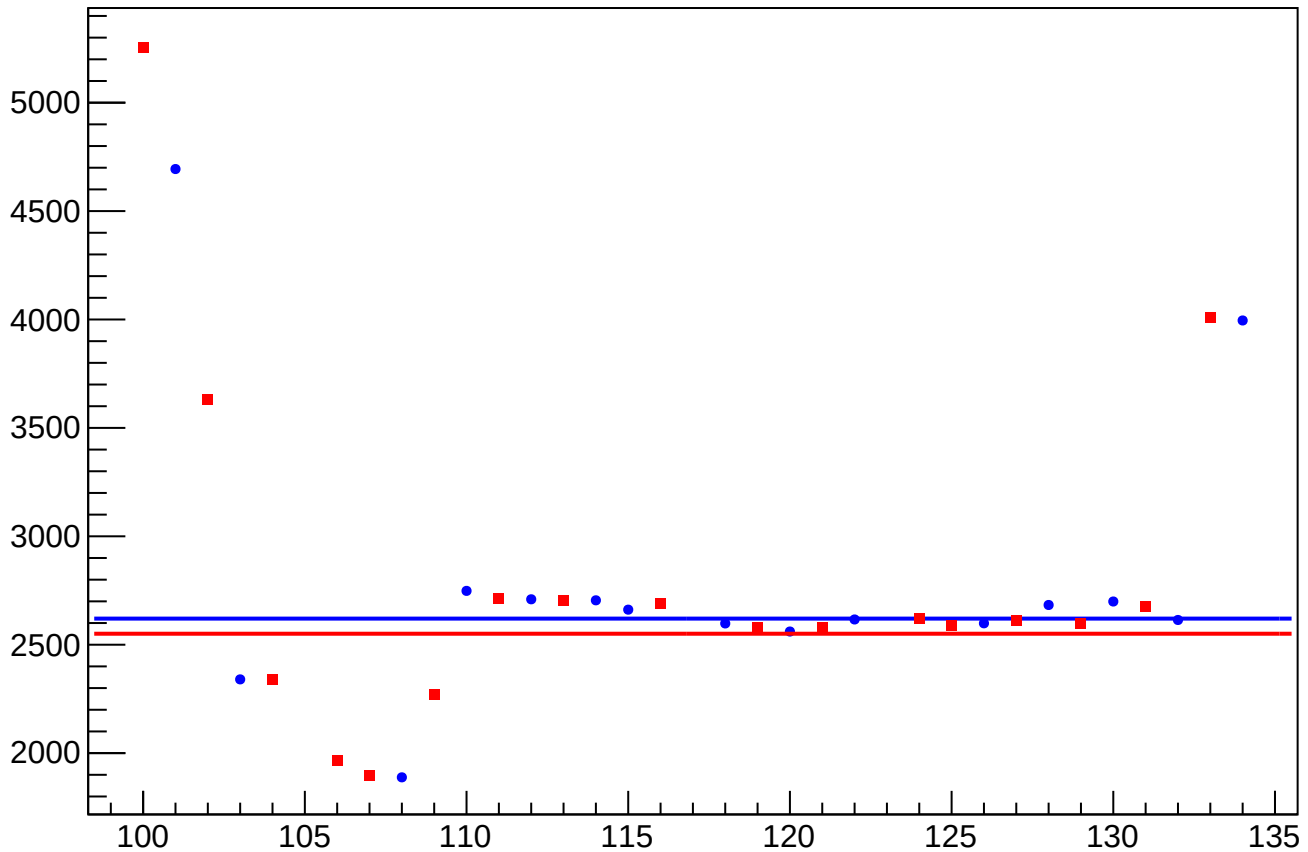
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 652.869+/-732.995 χ^2/NDF : 45.6/31

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

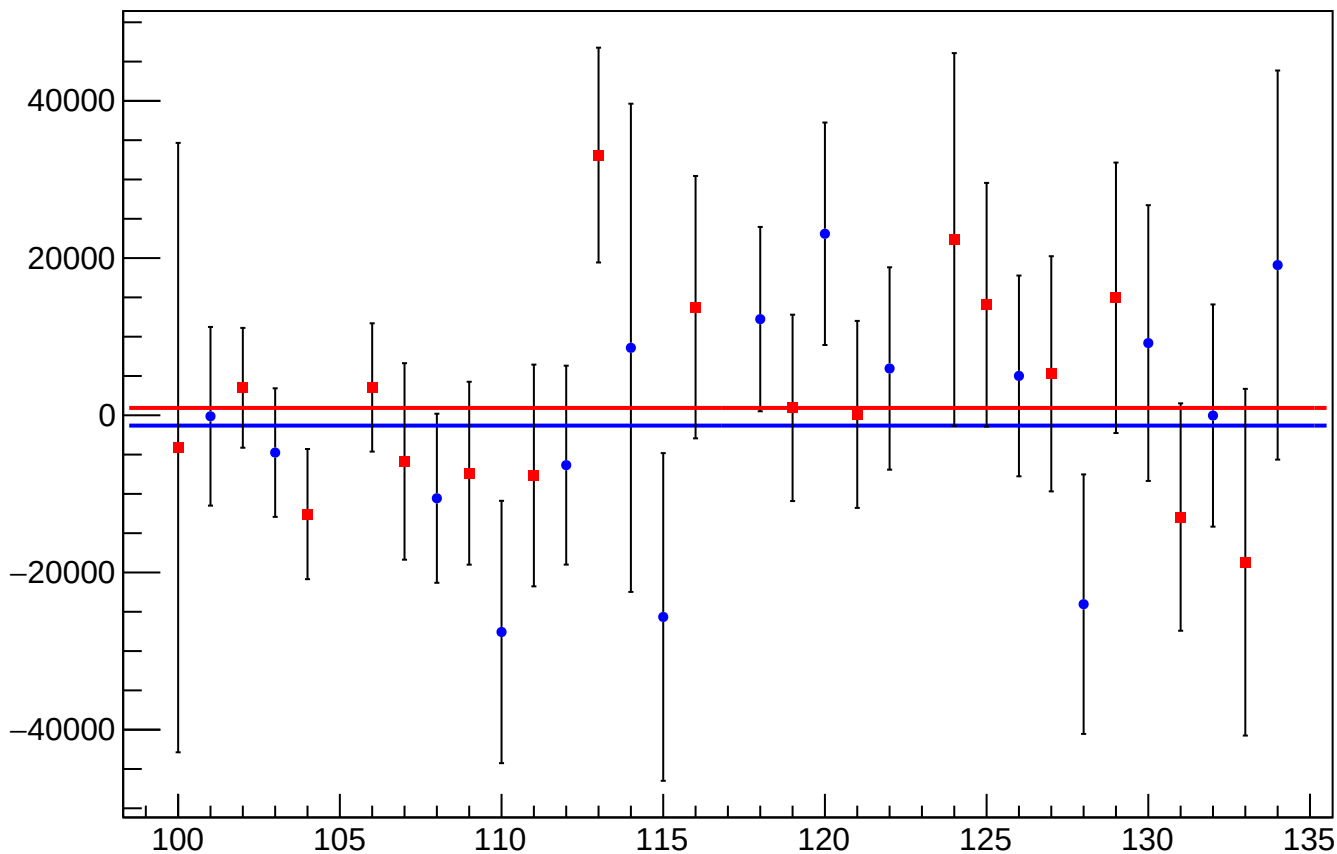
Right Out: 2550.673+/-0.717 χ^2/NDF : 375533.0/16

All: 2584.005+/-0.518 χ^2/NDF : 865966.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_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: 935.732+/-3014.758 χ^2/NDF : 14.2/16

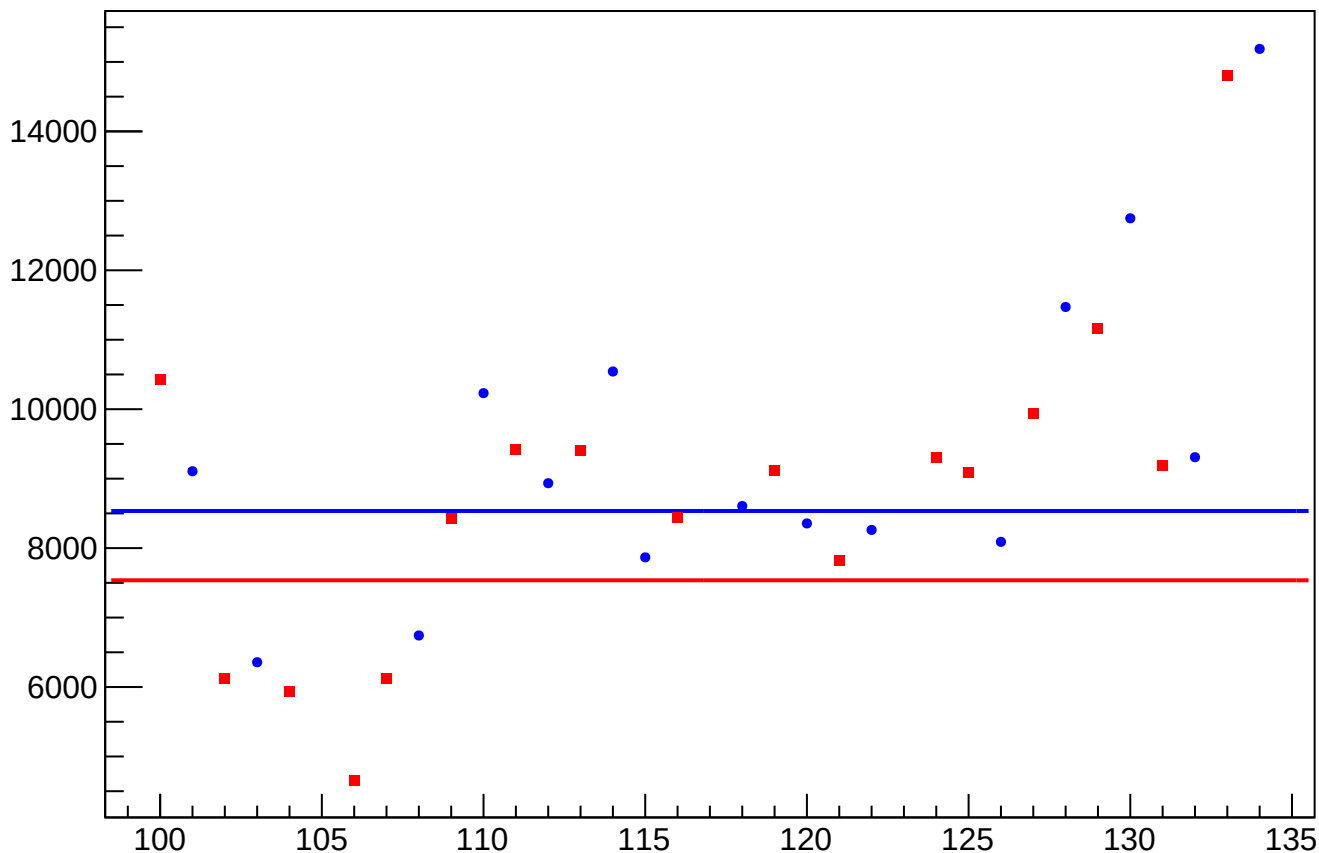
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.567+/-2279.153 χ^2/NDF : 27.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_correction_rms vs Slug



Right In: 8534.456 $\pm$ 2.462 χ^2 /NDF: 568406.2/14

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

Right Out: 7536.576 $\pm$ 2.132 χ^2 /NDF: 969694.3/16

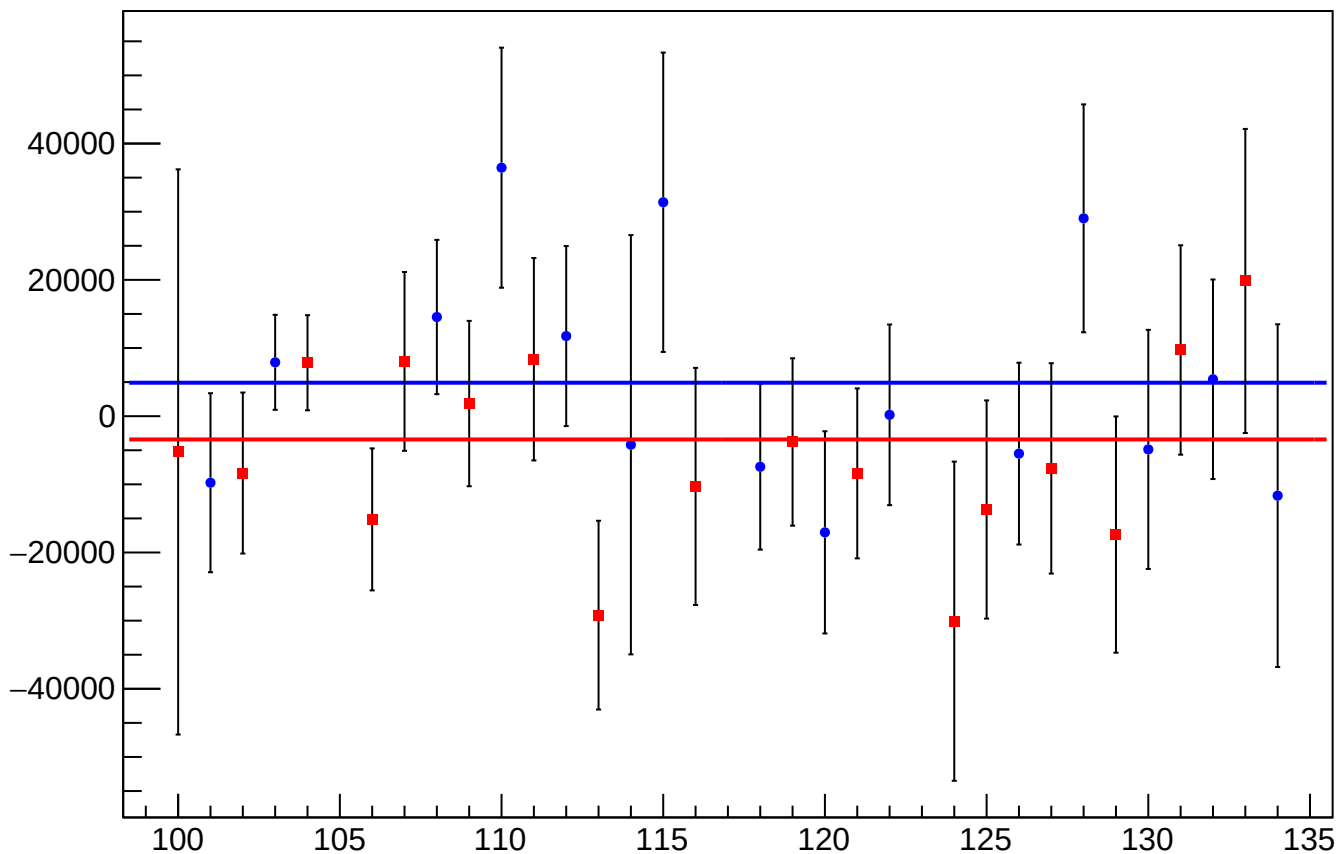
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 7964.134 $\pm$ 1.612 χ^2 /NDF: 1631985.9/31

- sign 0.000 $\pm$ 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: -3414.735+/-3232.334 χ^2/NDF : 13.7/16

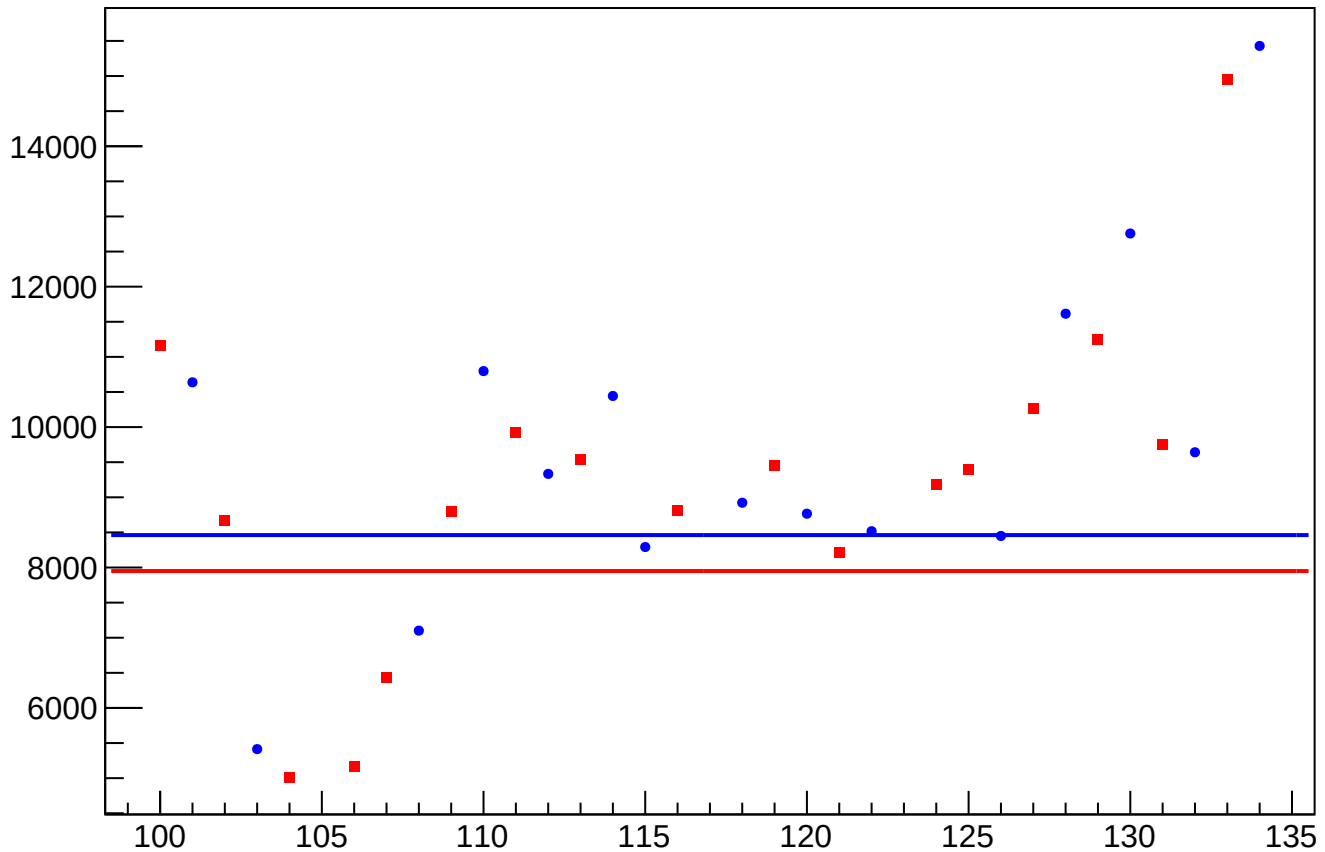
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 426.407+/-2372.283 χ^2/NDF : 30.7/31

- 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

Right Out: 7949.911+/-2.286 χ^2/NDF : 1014306.4/16

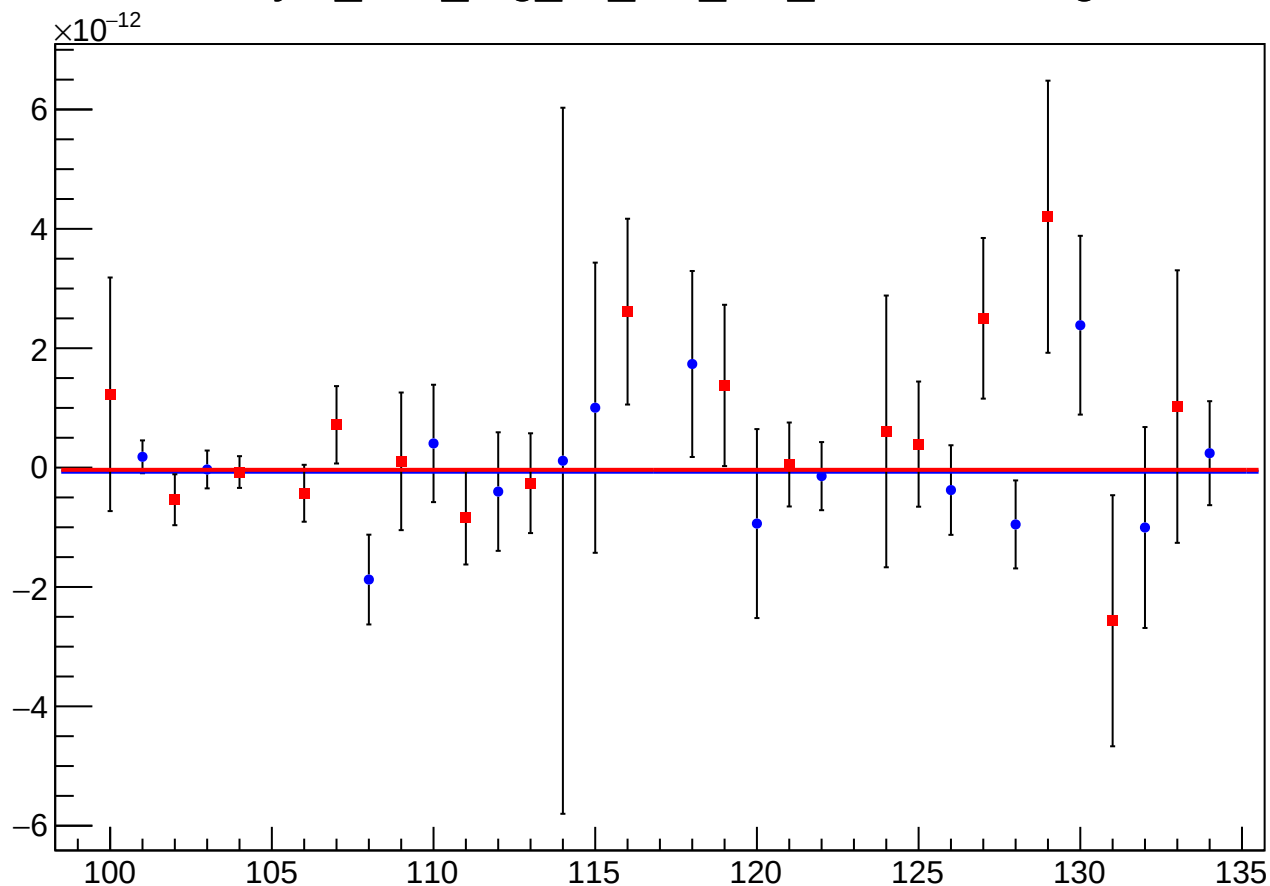
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8186.192+/-1.677 χ^2/NDF : 1917487.2/31

- sign 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 : 17.9/16

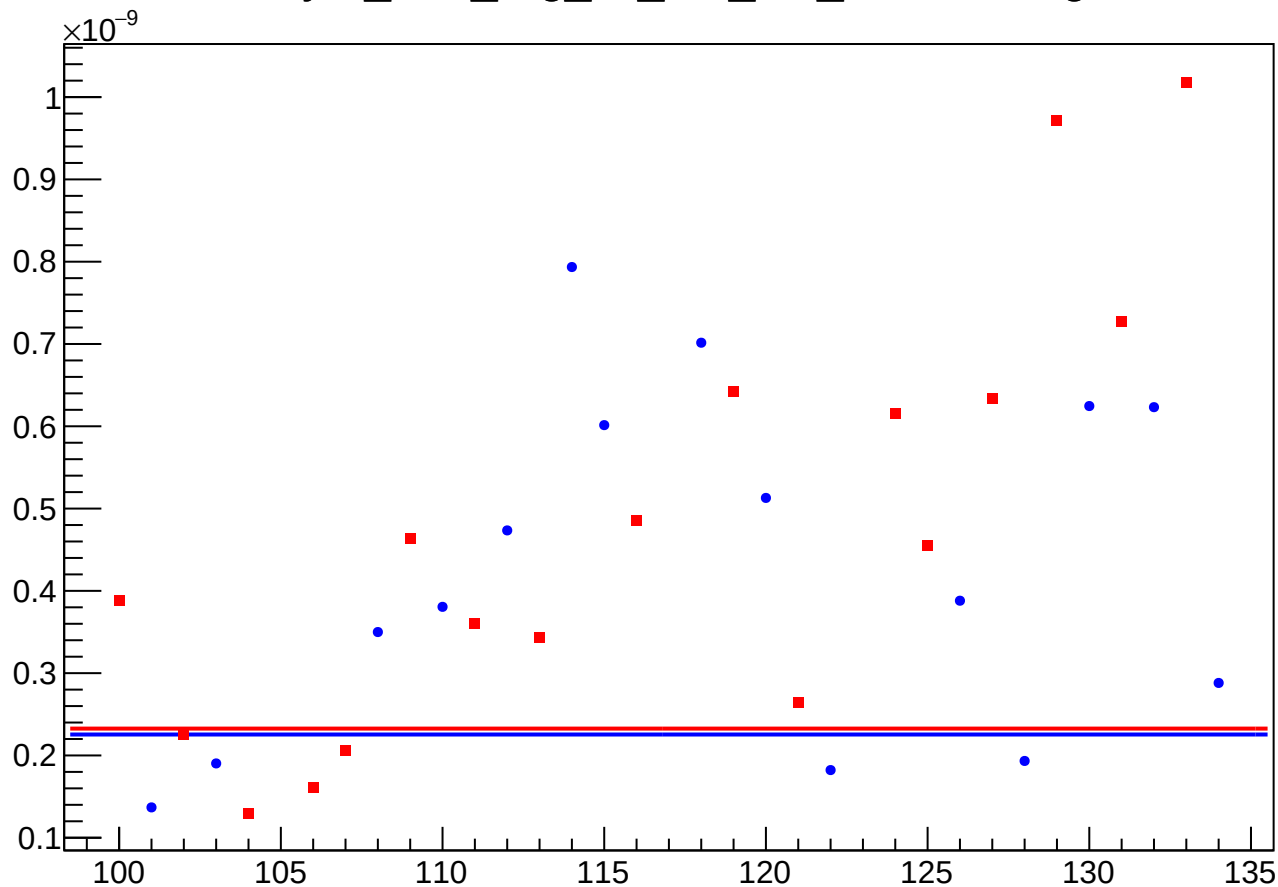
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.5/31

- 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: 1656605.5/16

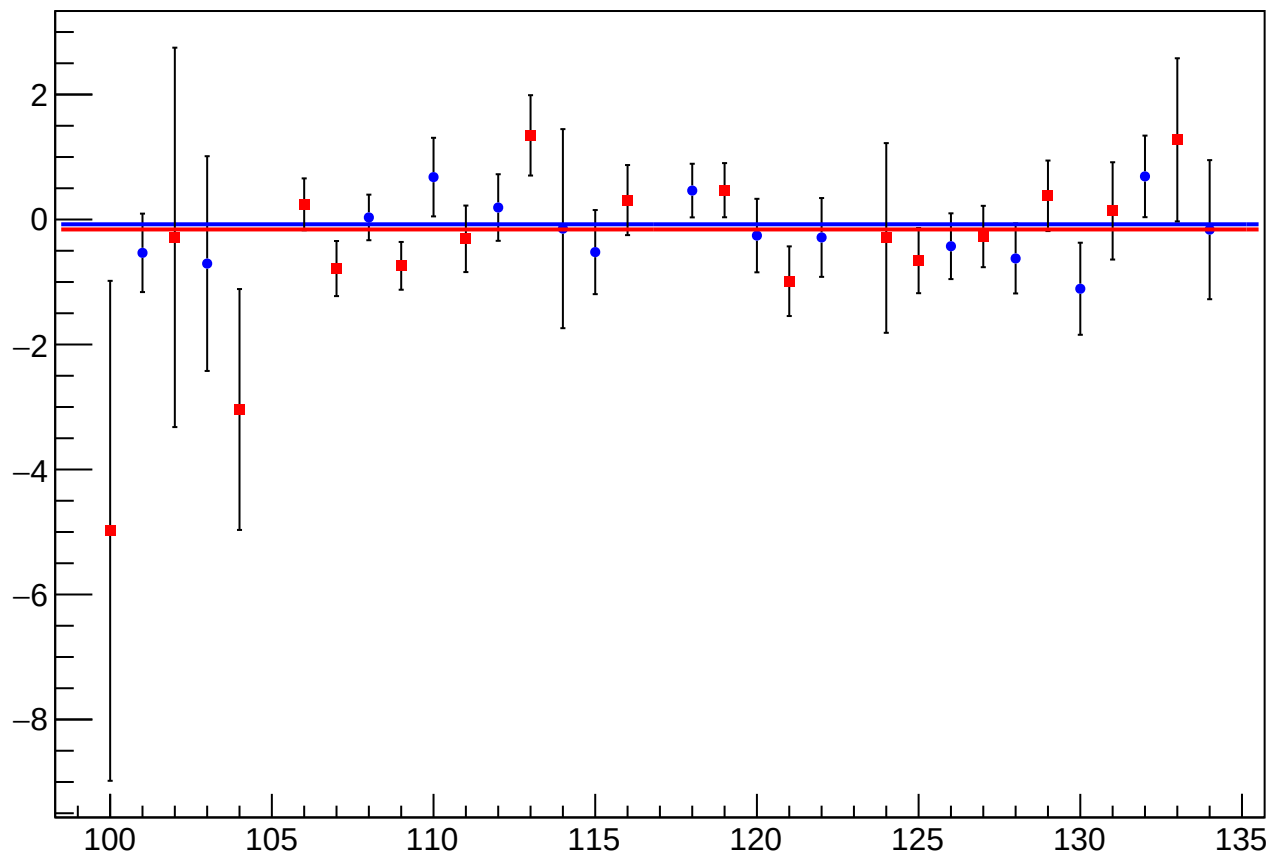
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2812013.5/31

- 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: -0.159 ± 0.142 χ^2/NDF : 22.8/16

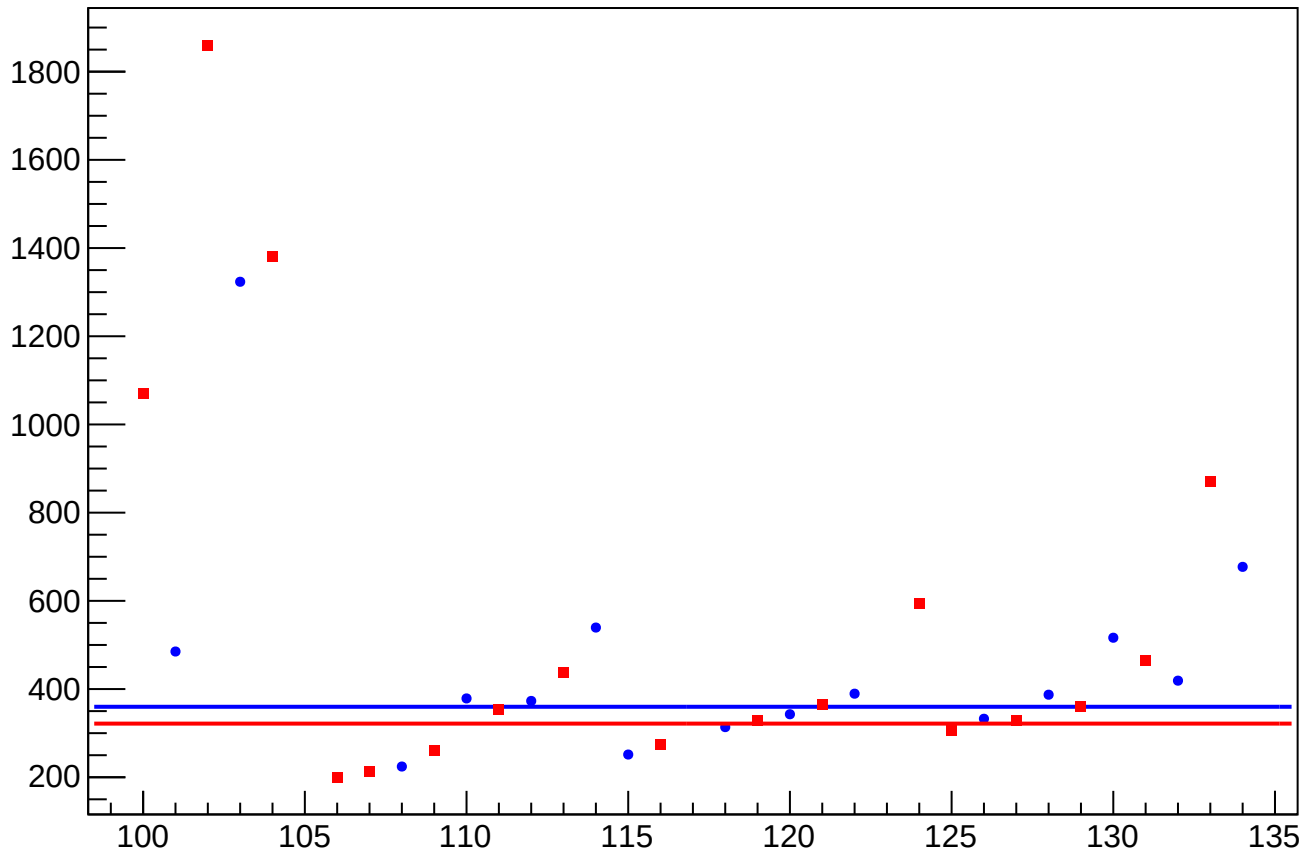
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.121 ± 0.105 χ^2/NDF : 32.4/31

- 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: 321.648+/-0.100 χ^2/NDF : 2128812.7/16

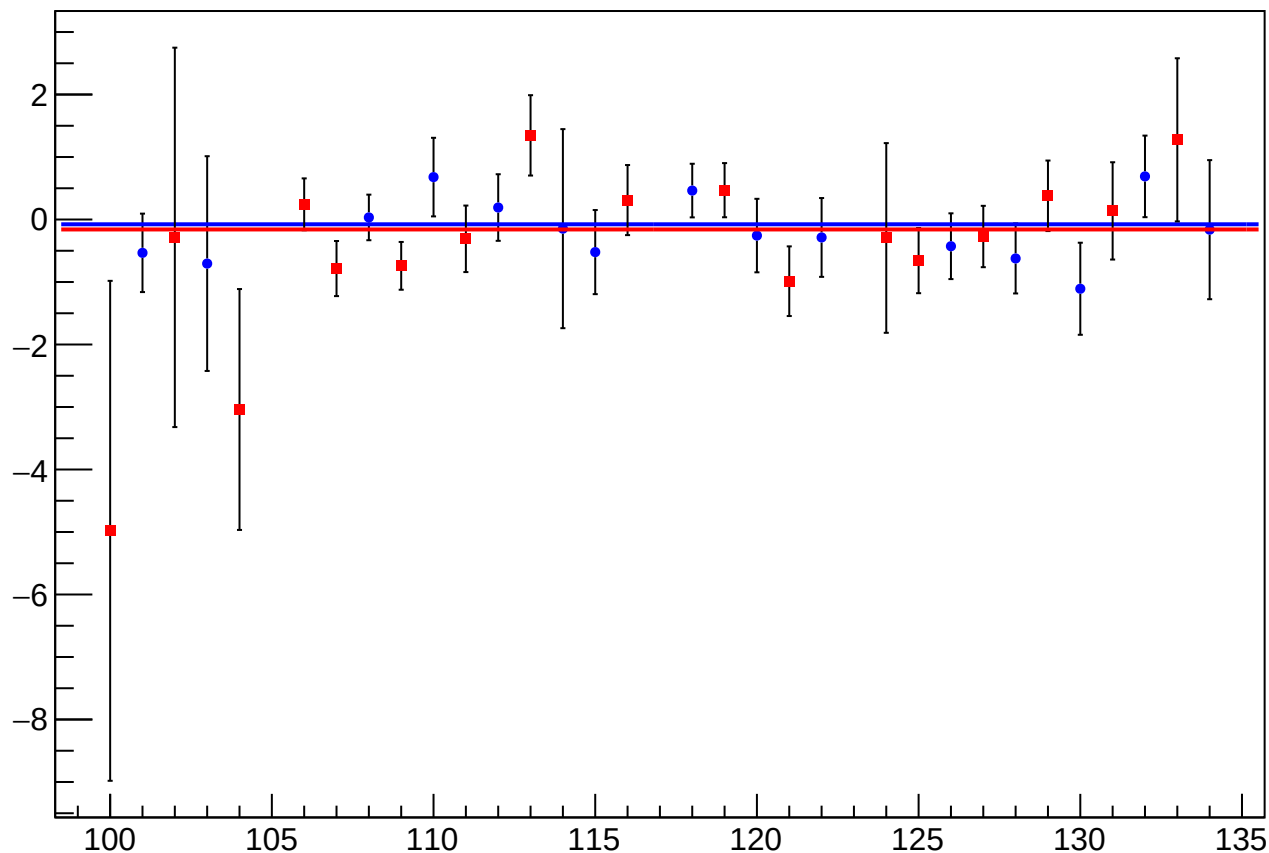
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 339.094+/-0.074 χ^2/NDF : 3568955.0/31

- 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: -0.159 ± 0.142 χ^2/NDF : 22.8/16

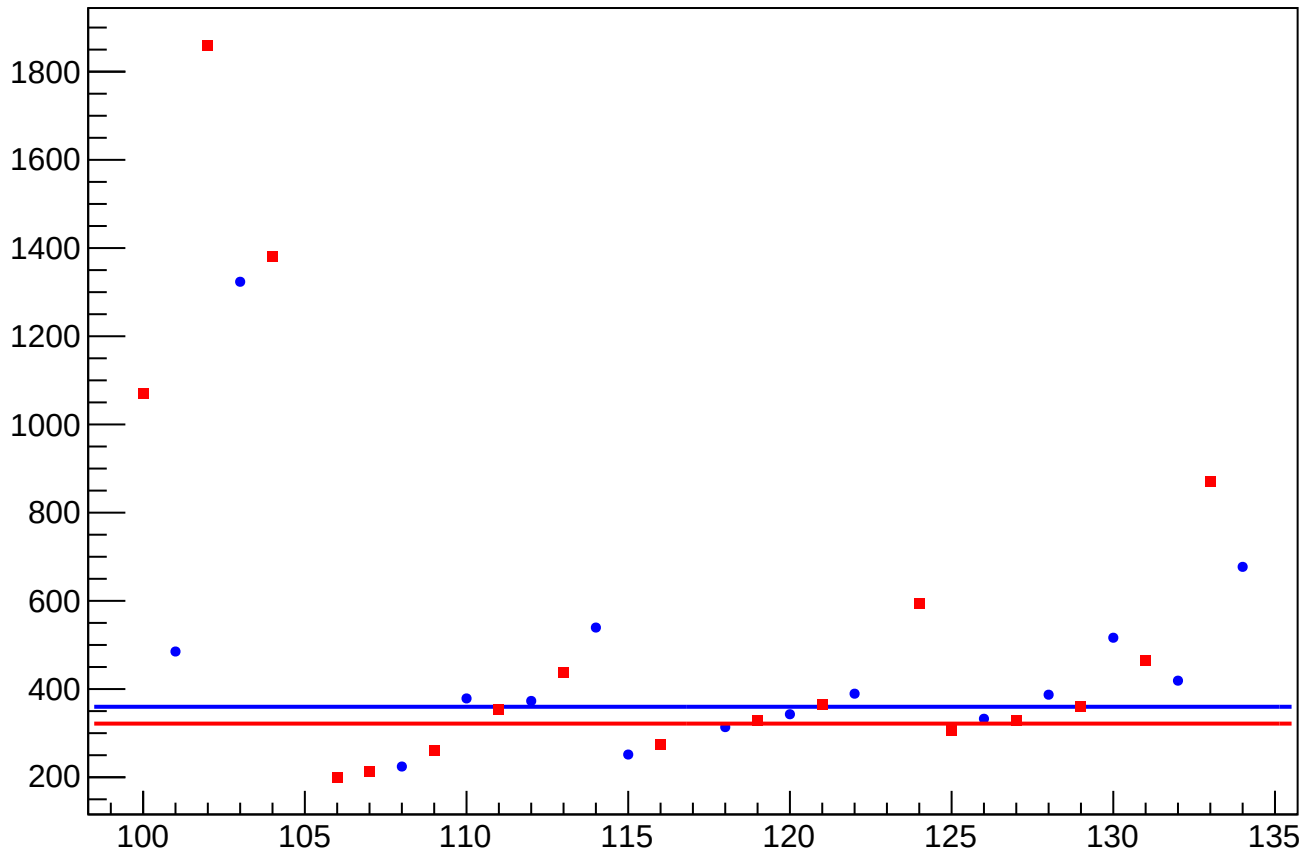
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.121 ± 0.105 χ^2/NDF : 32.4/31

- 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 $\pm$ 0.110 χ^2 /NDF: 1374132.1/14

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

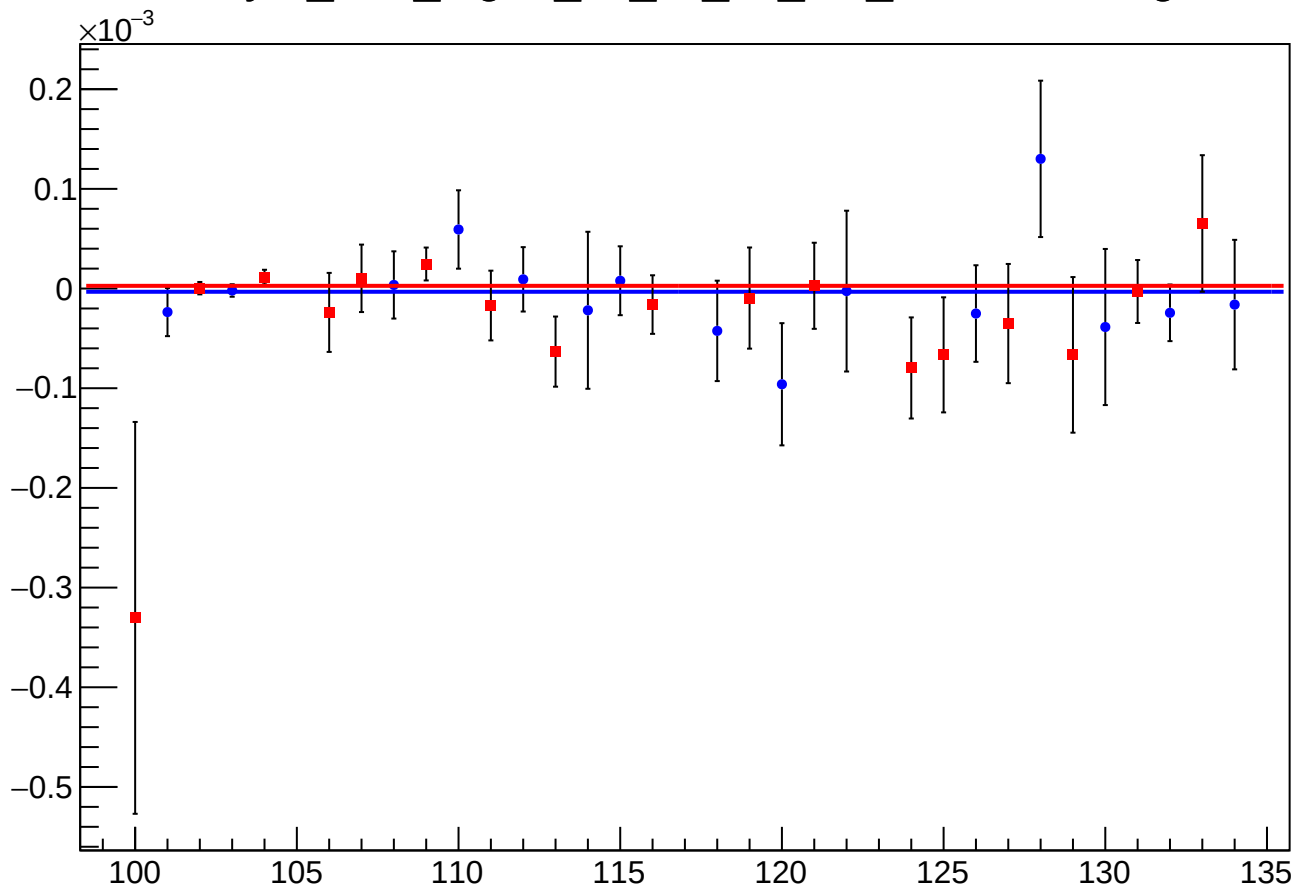
Right Out: 321.648 $\pm$ 0.100 χ^2 /NDF: 2128812.7/16

All: 339.094 $\pm$ 0.074 χ^2 /NDF: 3568955.0/31

- 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_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 : 17.1/16

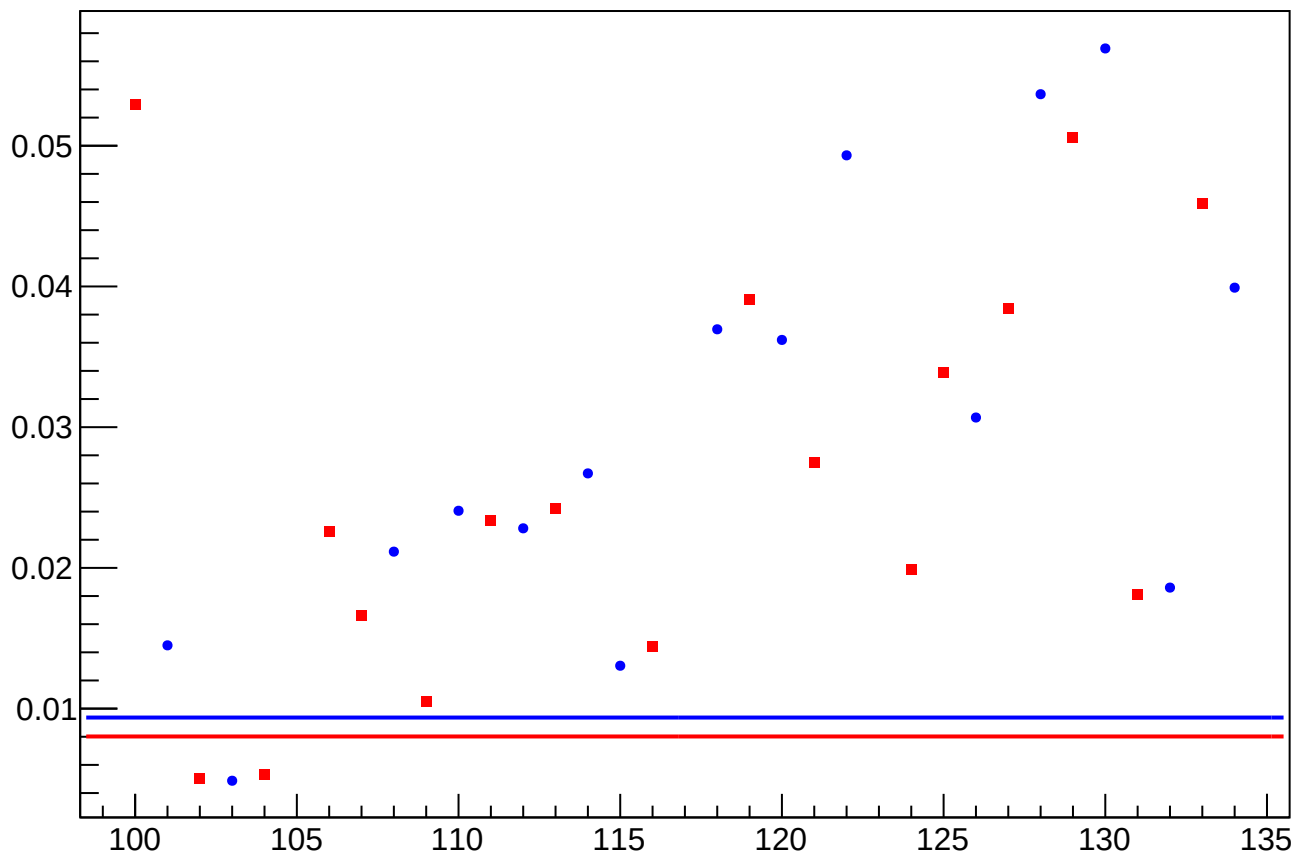
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 28.3/31

- 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+/-0.000 χ^2/NDF : 5997613.4/14

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

Right Out: 0.008+/-0.000 χ^2/NDF : 5791532.0/16

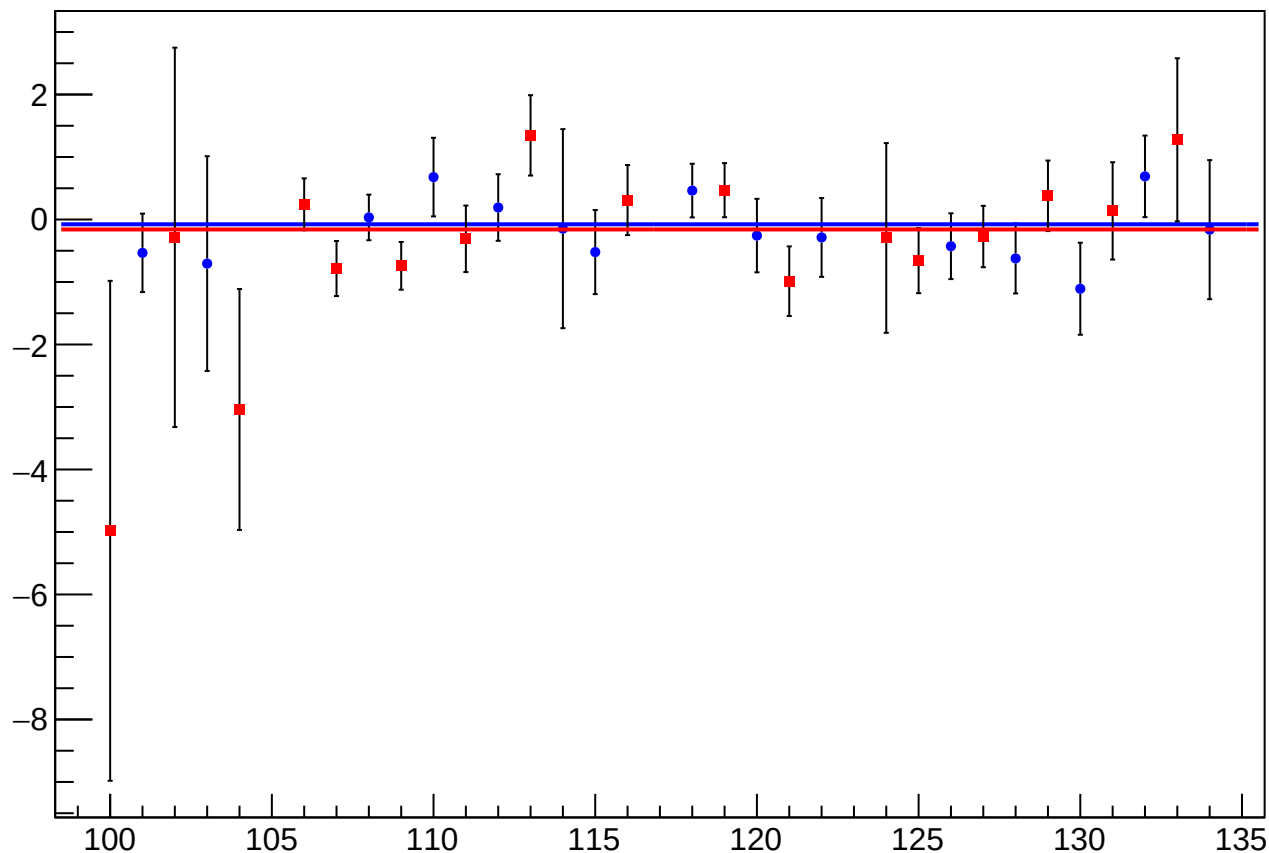
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 11865082.4/31

- sign 0.000+/-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: -0.159 ± 0.142 χ^2/NDF : 22.8/16

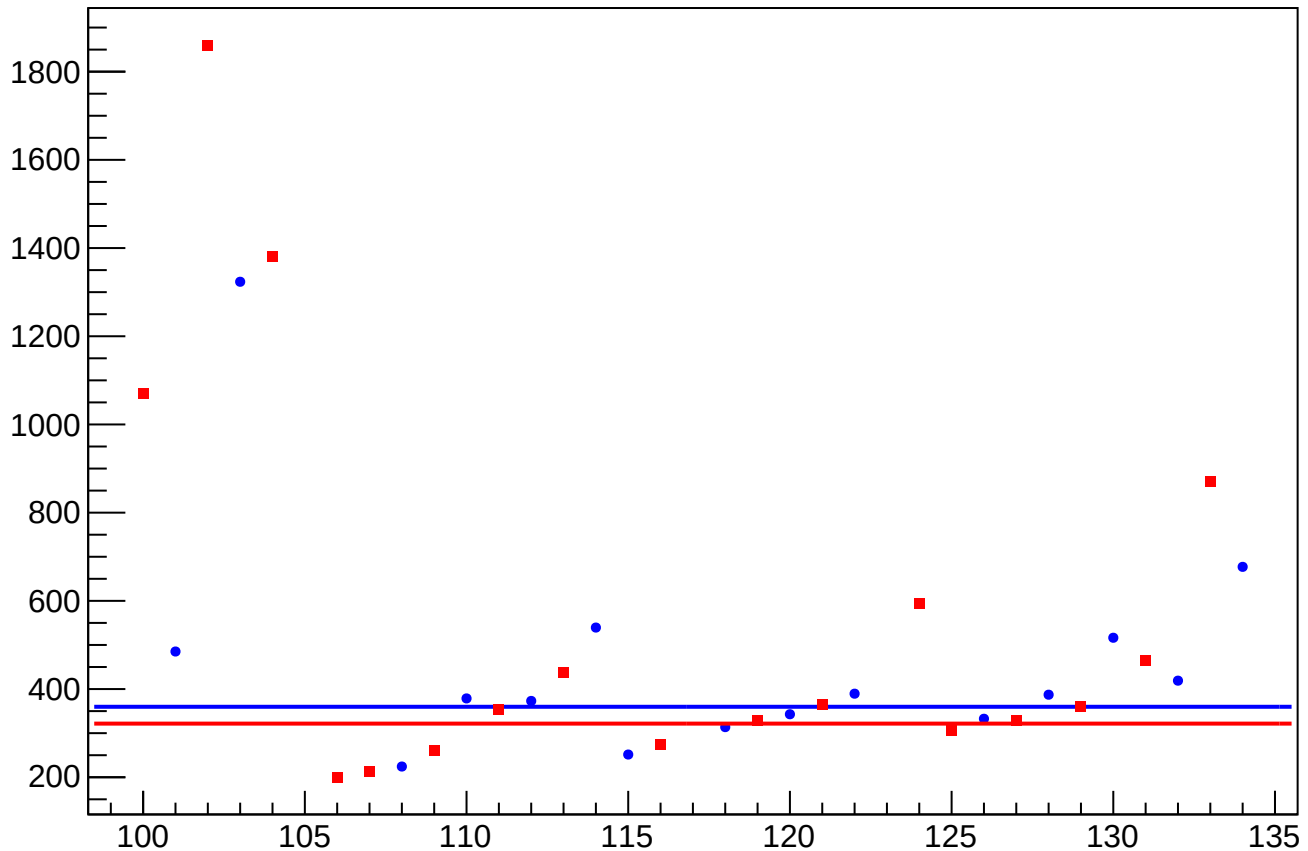
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.121 ± 0.105 χ^2/NDF : 32.4/31

- 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

Right Out: 321.646+/-0.100 χ^2/NDF : 2128785.3/16

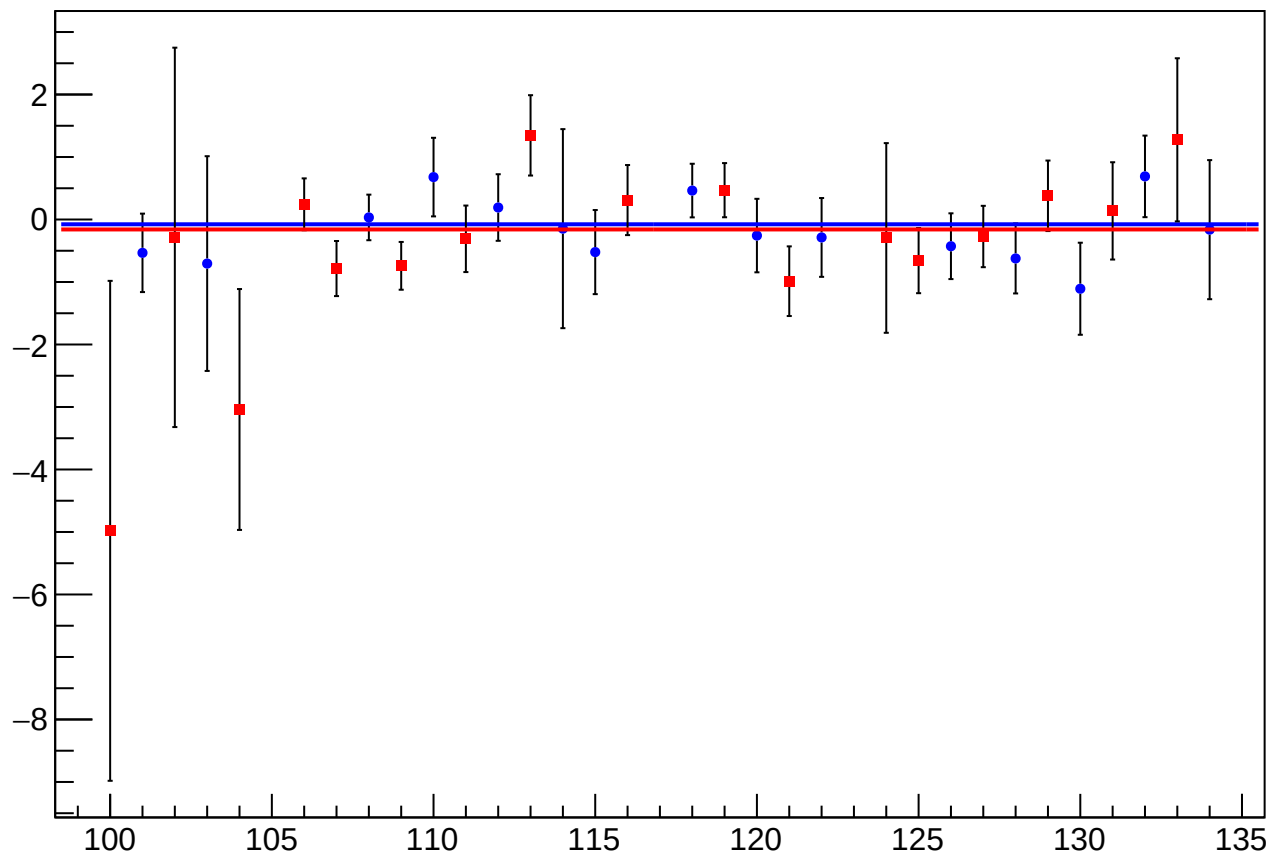
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 339.091+/-0.074 χ^2/NDF : 3568917.1/31

- sign 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: -0.159 ± 0.142 χ^2/NDF : 22.8/16

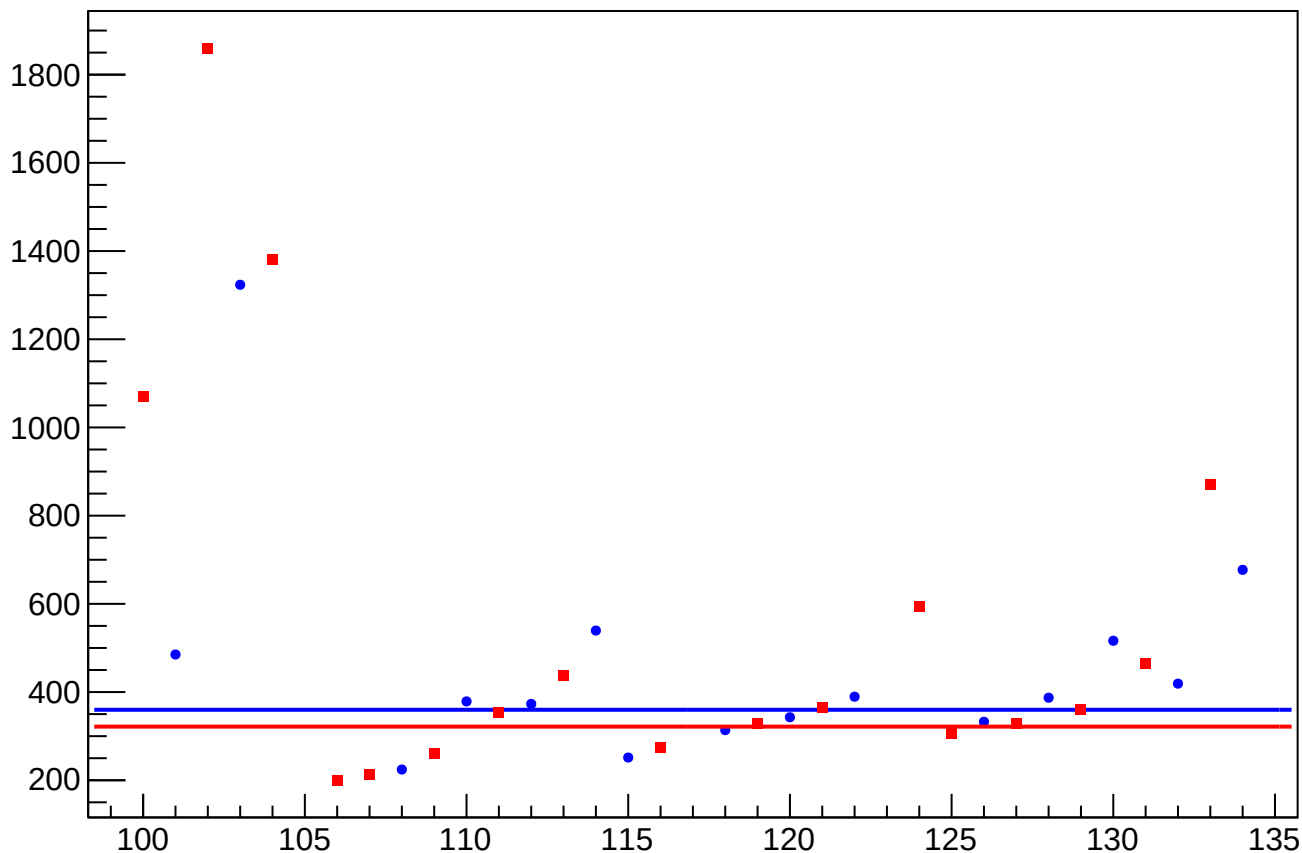
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.121 ± 0.105 χ^2/NDF : 32.4/31

- 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: 321.646+/-0.100 χ^2/NDF : 2128785.3/16

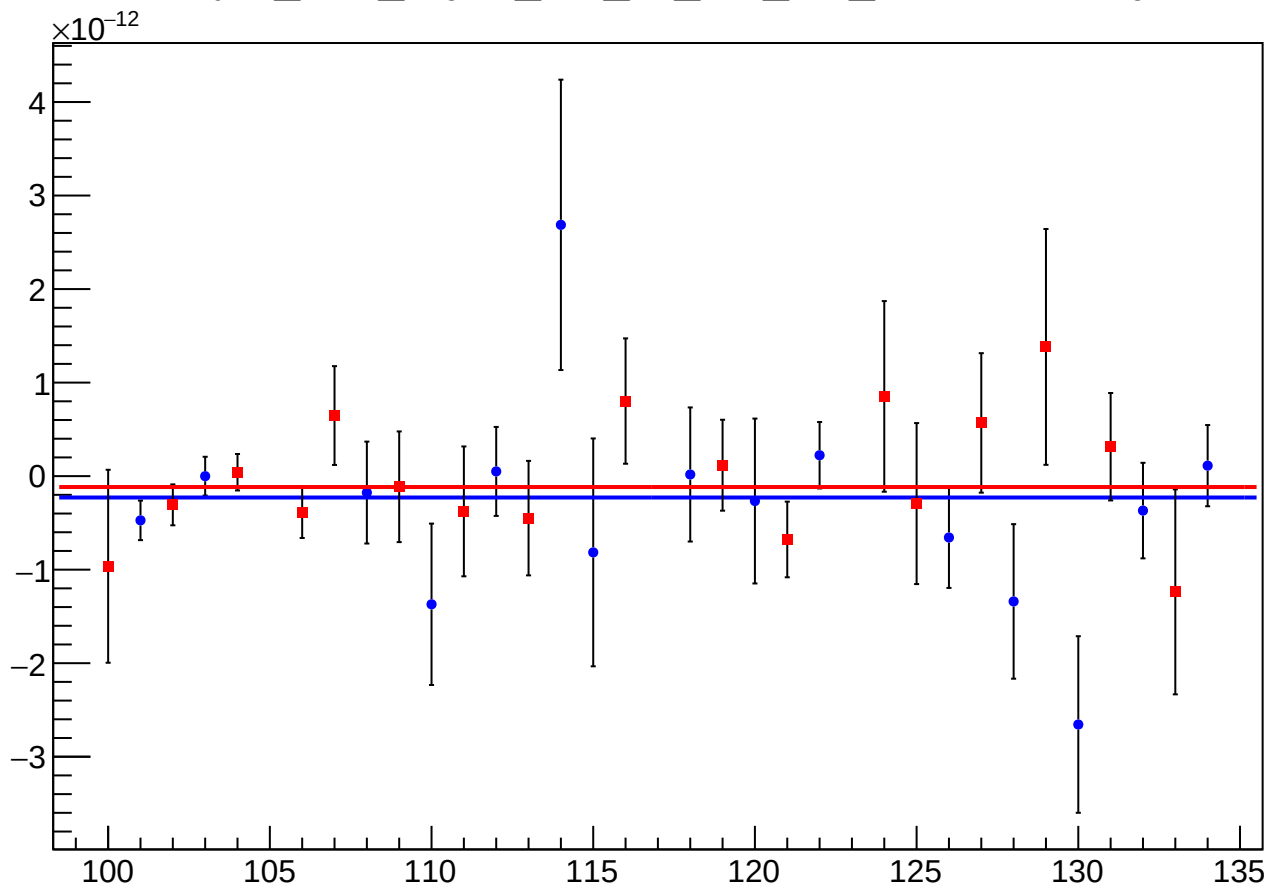
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 339.091+/-0.074 χ^2/NDF : 3568917.1/31

- 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 : 14.4/16

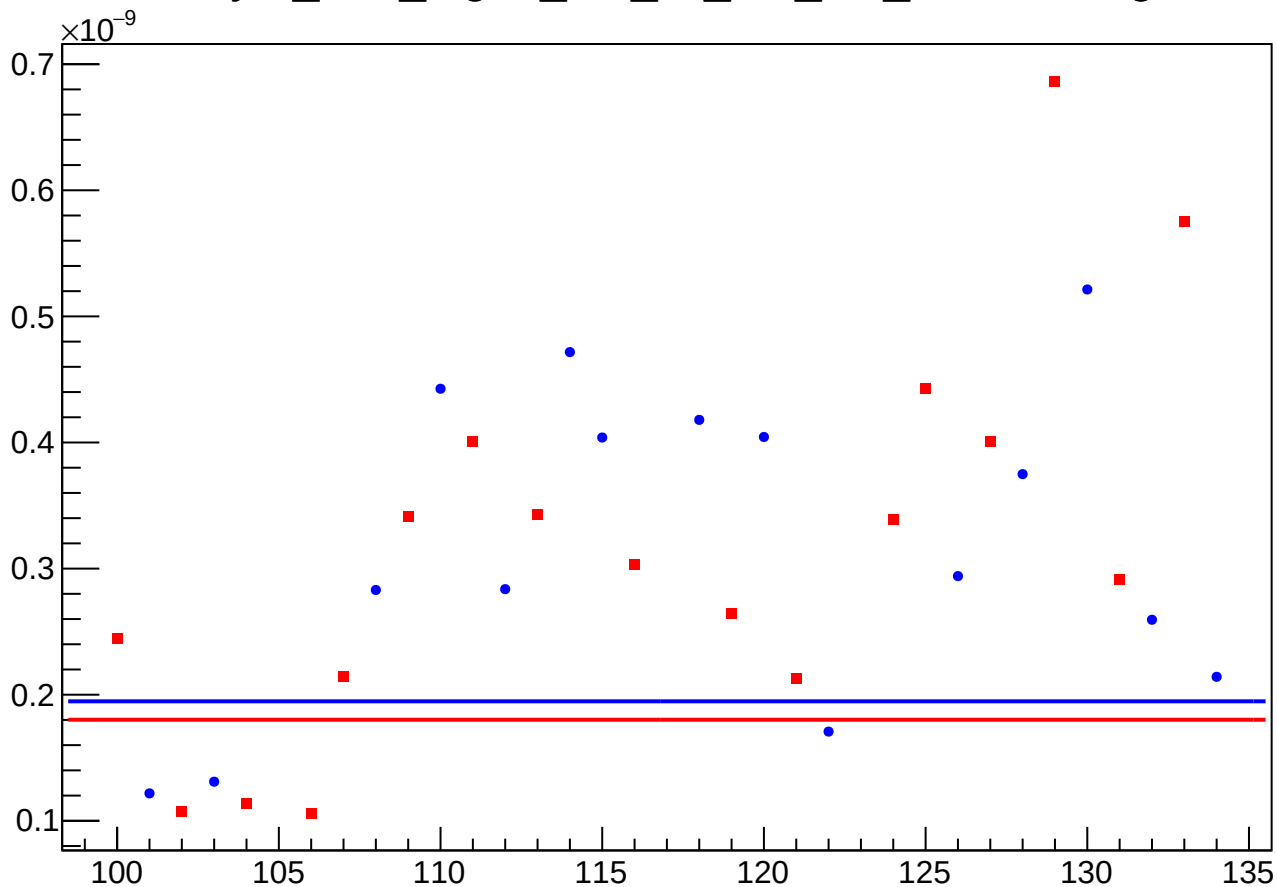
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 34.9/31

- 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 : 2313942.9/16

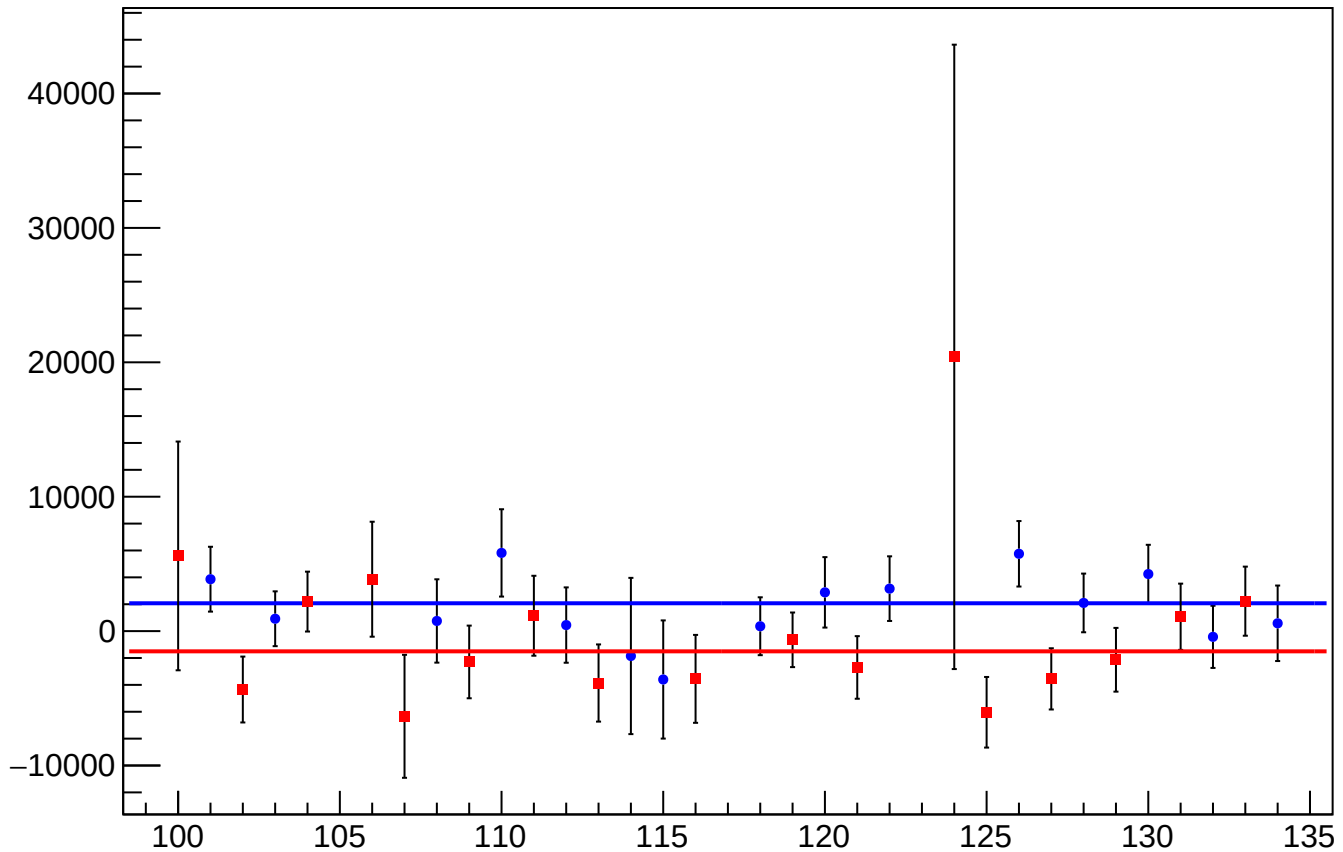
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3924711.8/31

- 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: -1504.960+/-672.865 χ^2 /NDF: 17.8/16

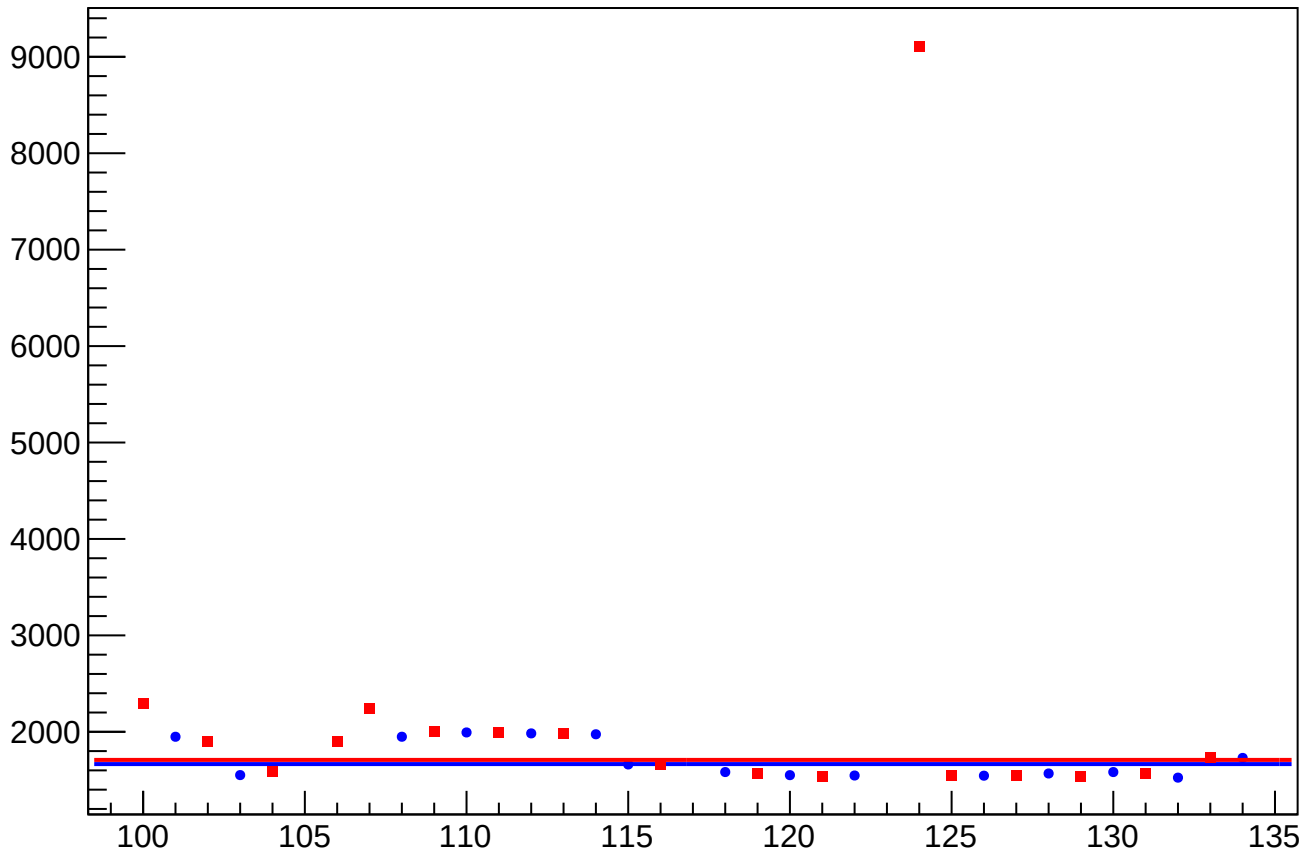
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 302.890+/-473.194 χ^2 /NDF: 42.6/31

- 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

Right Out: 1708.671+/-0.473 χ^2/NDF : 378294.1/16

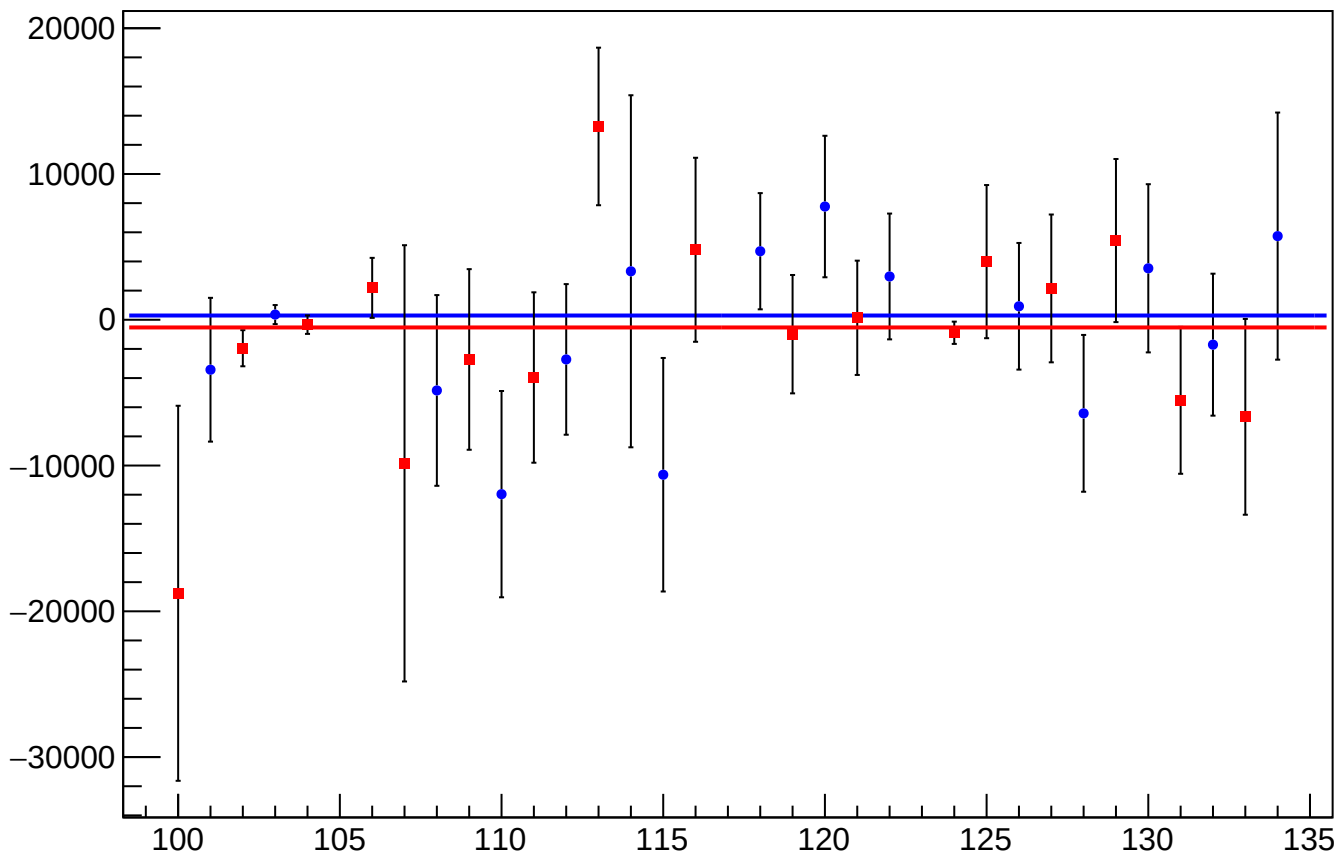
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1686.837+/-0.334 χ^2/NDF : 516763.8/31

- sign 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: -527.012+/-426.038 χ^2/NDF : 17.5/16

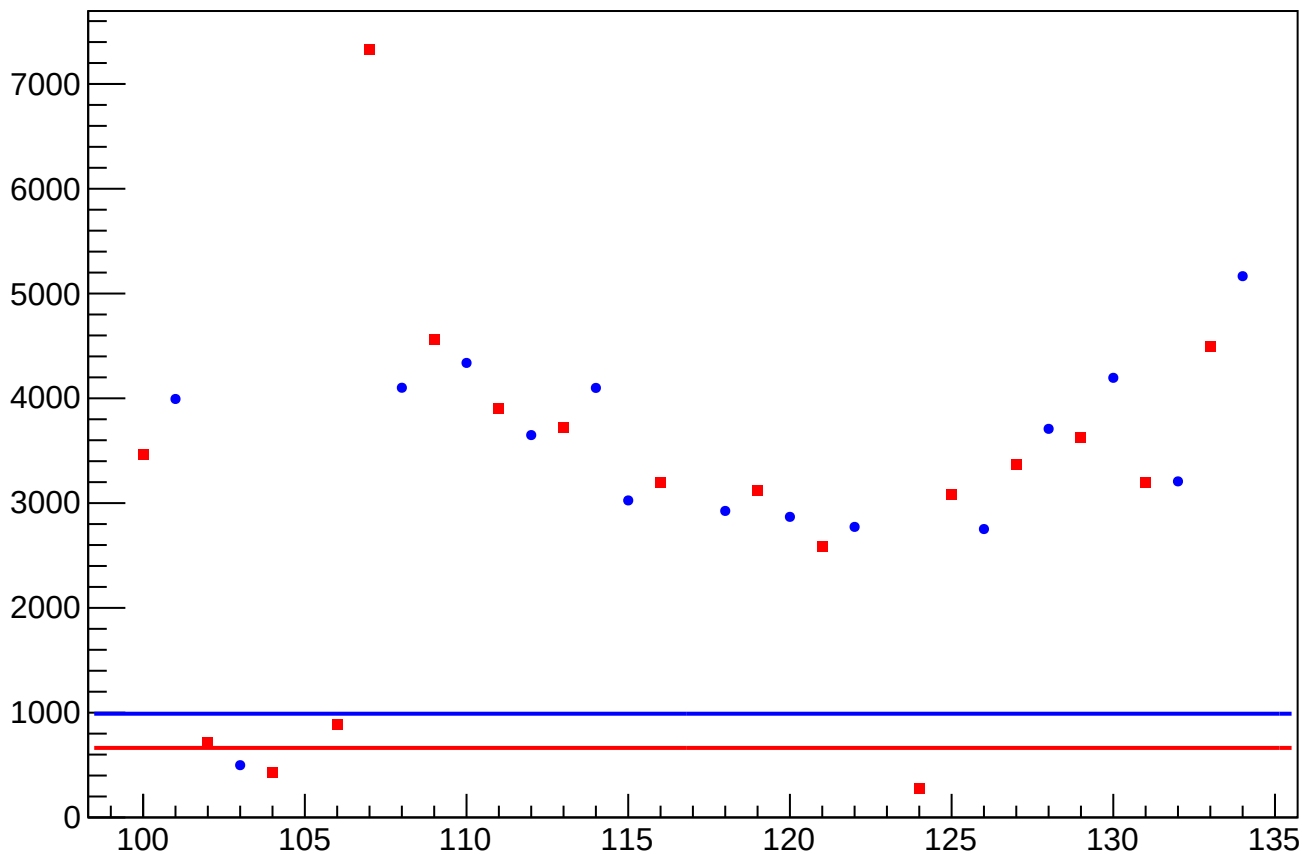
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -250.180+/-346.592 χ^2/NDF : 31.7/31

- 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: 663.734+/-0.301 χ^2/NDF : 7589190.1/16

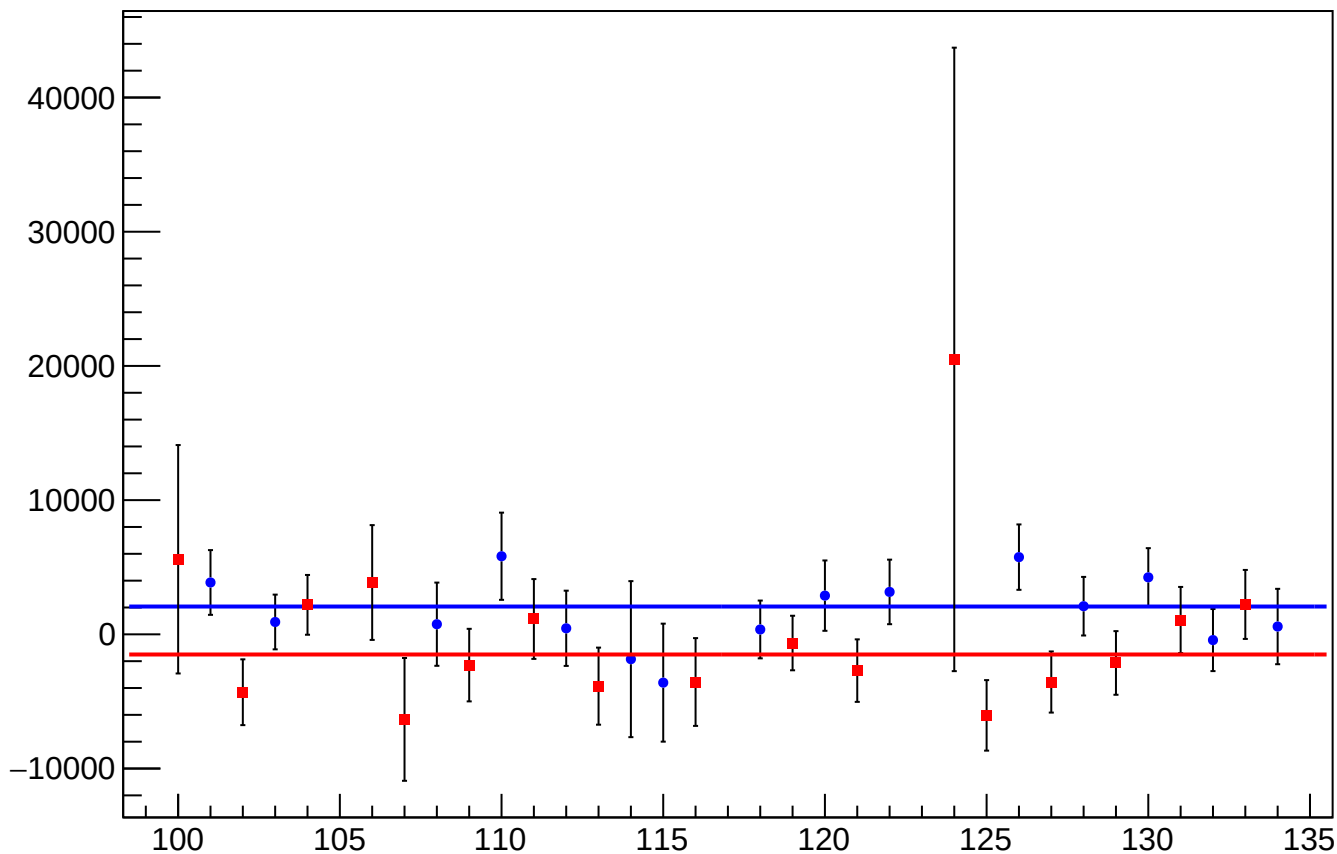
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 774.090+/-0.245 χ^2/NDF : 15017564.0/30

- 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: -1502.166 $\pm$ 672.871 χ^2 /NDF: 17.8/16

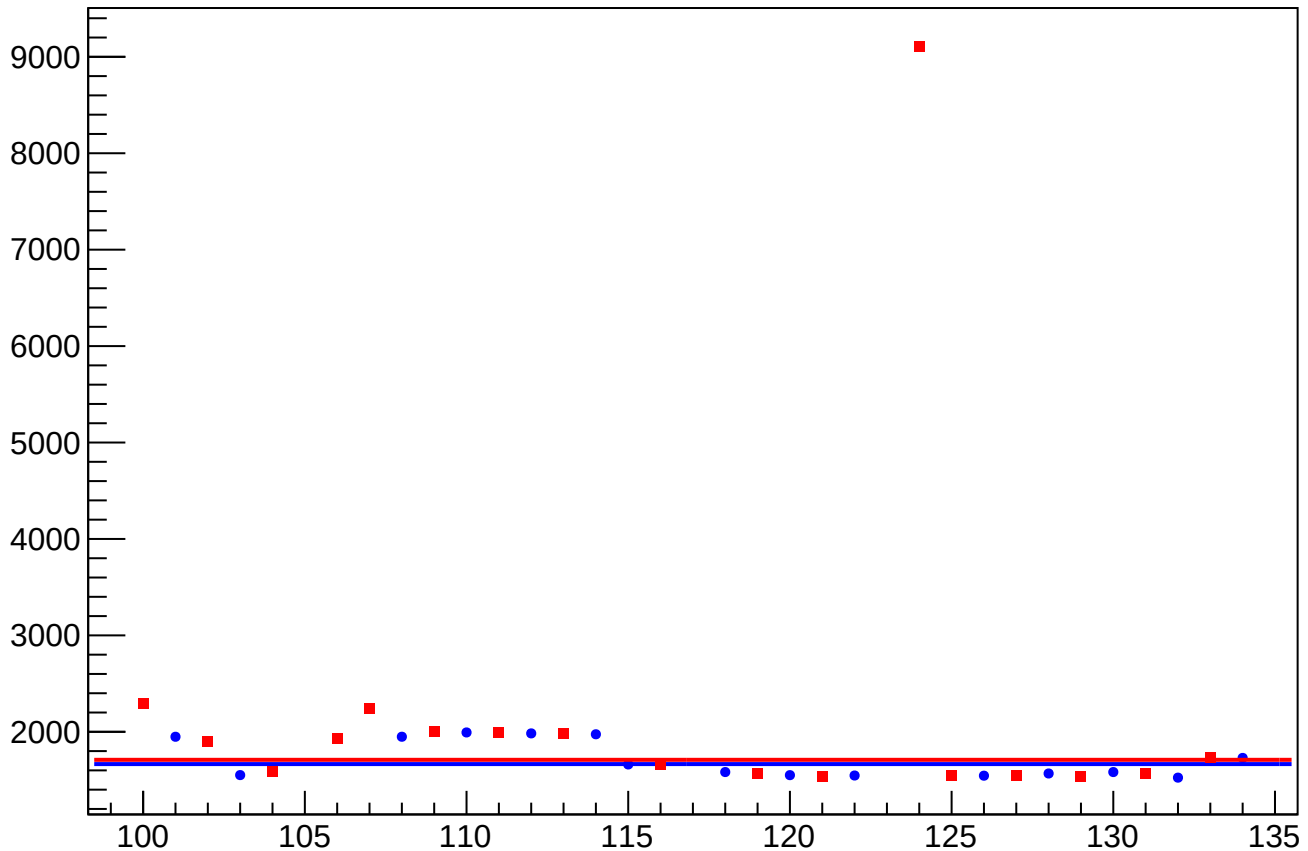
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 304.370 $\pm$ 473.196 χ^2 /NDF: 42.6/31

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

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: 1709.576 $\pm$ 0.474 χ^2 /NDF: 380115.1/16

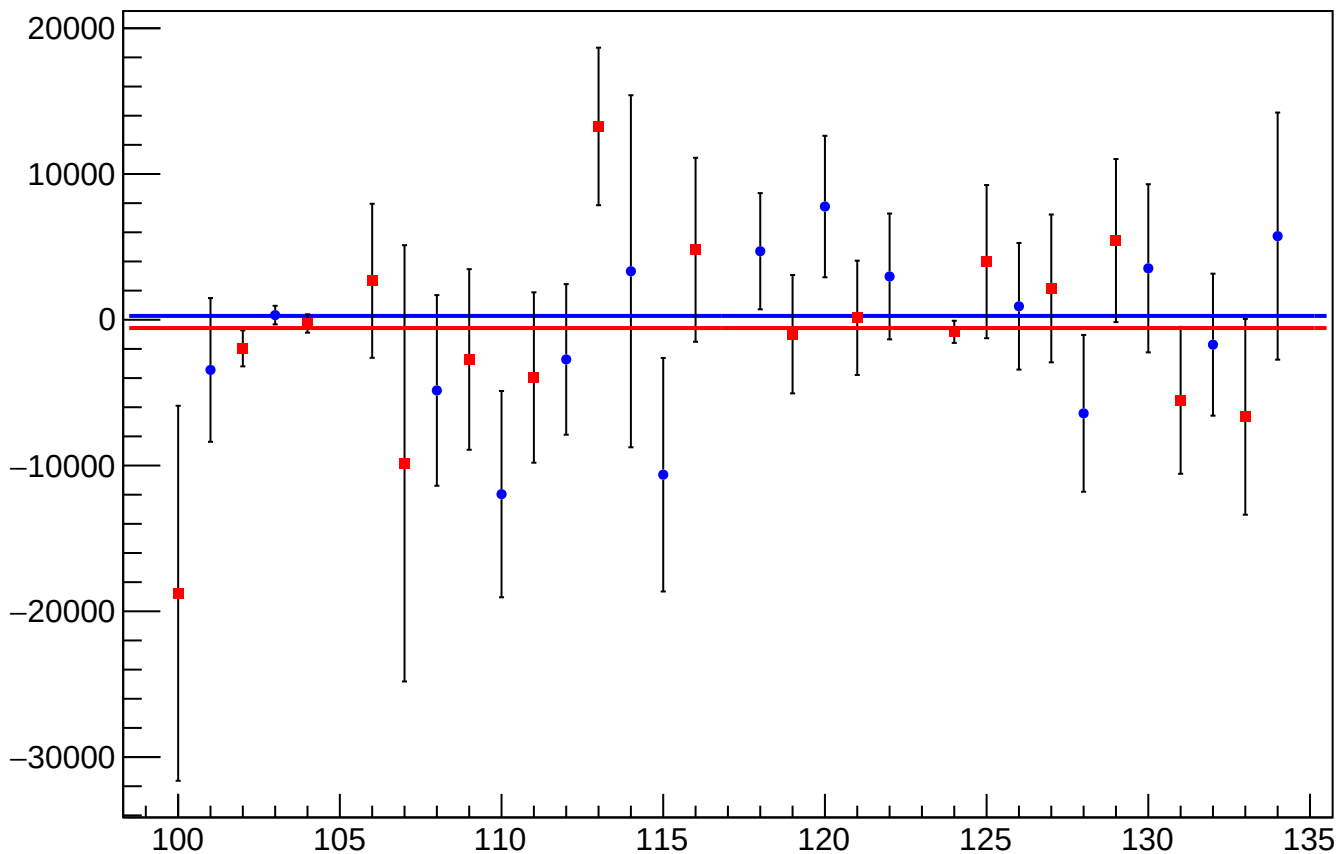
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1687.275 $\pm$ 0.334 χ^2 /NDF: 518760.6/31

- sign 0.000 $\pm$ 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: -567.787 $\pm$ 431.930 χ^2 /NDF: 16.2/16

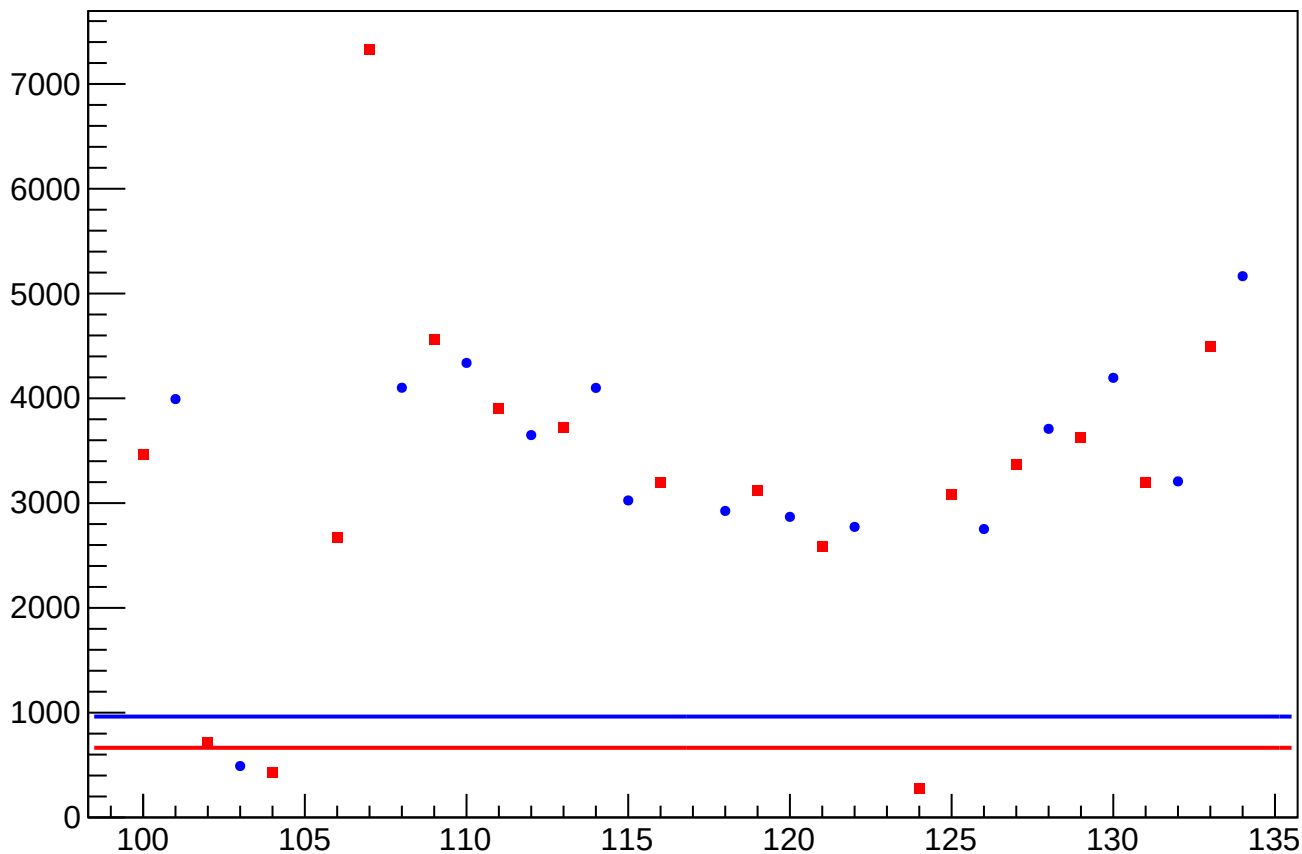
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -273.184 $\pm$ 347.158 χ^2 /NDF: 30.4/31

- 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: 664.813+/-0.305 χ^2/NDF : 7868757.2/16

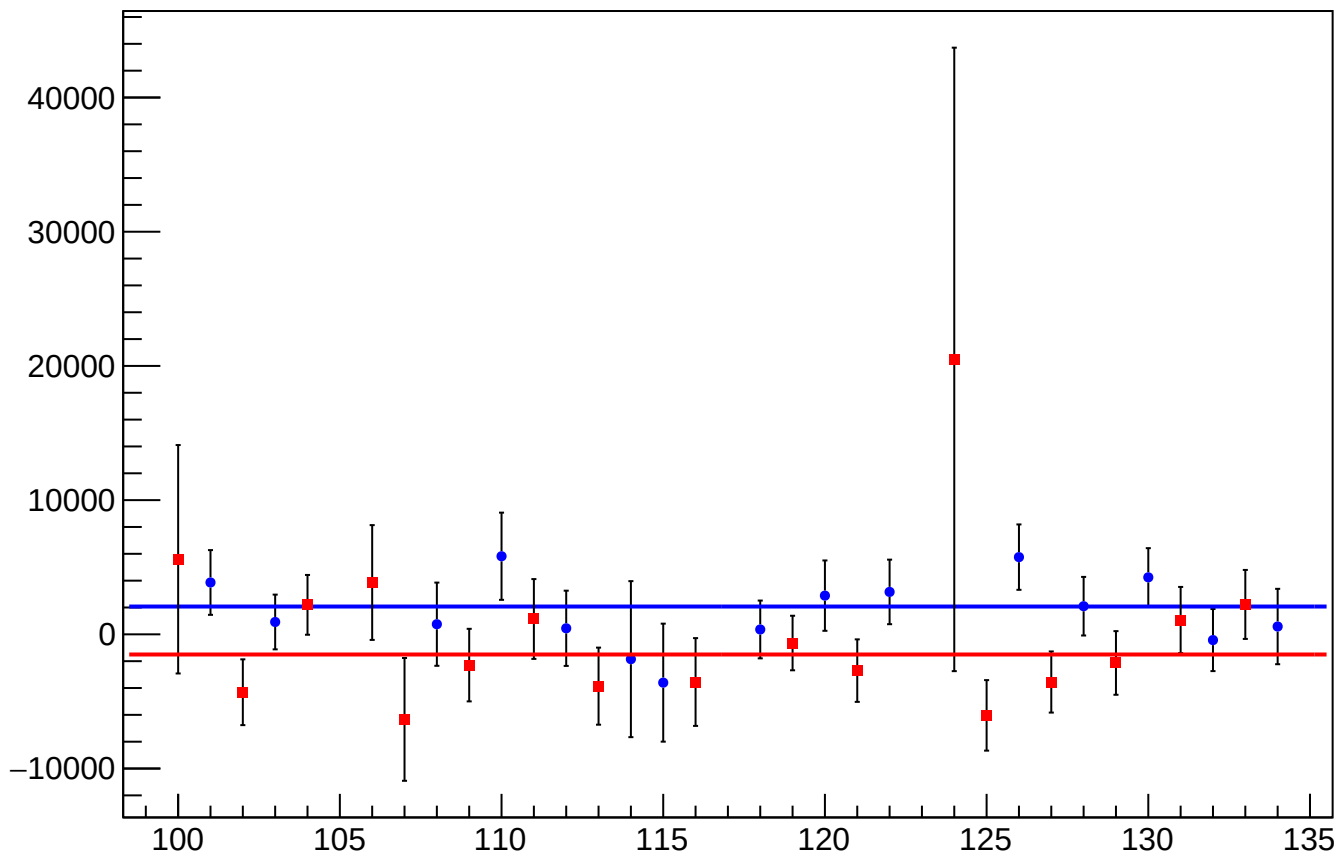
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 770.310+/-0.245 χ^2/NDF : 15331487.2/31

- 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: -1502.166+/-672.871 χ^2/NDF : 17.8/16

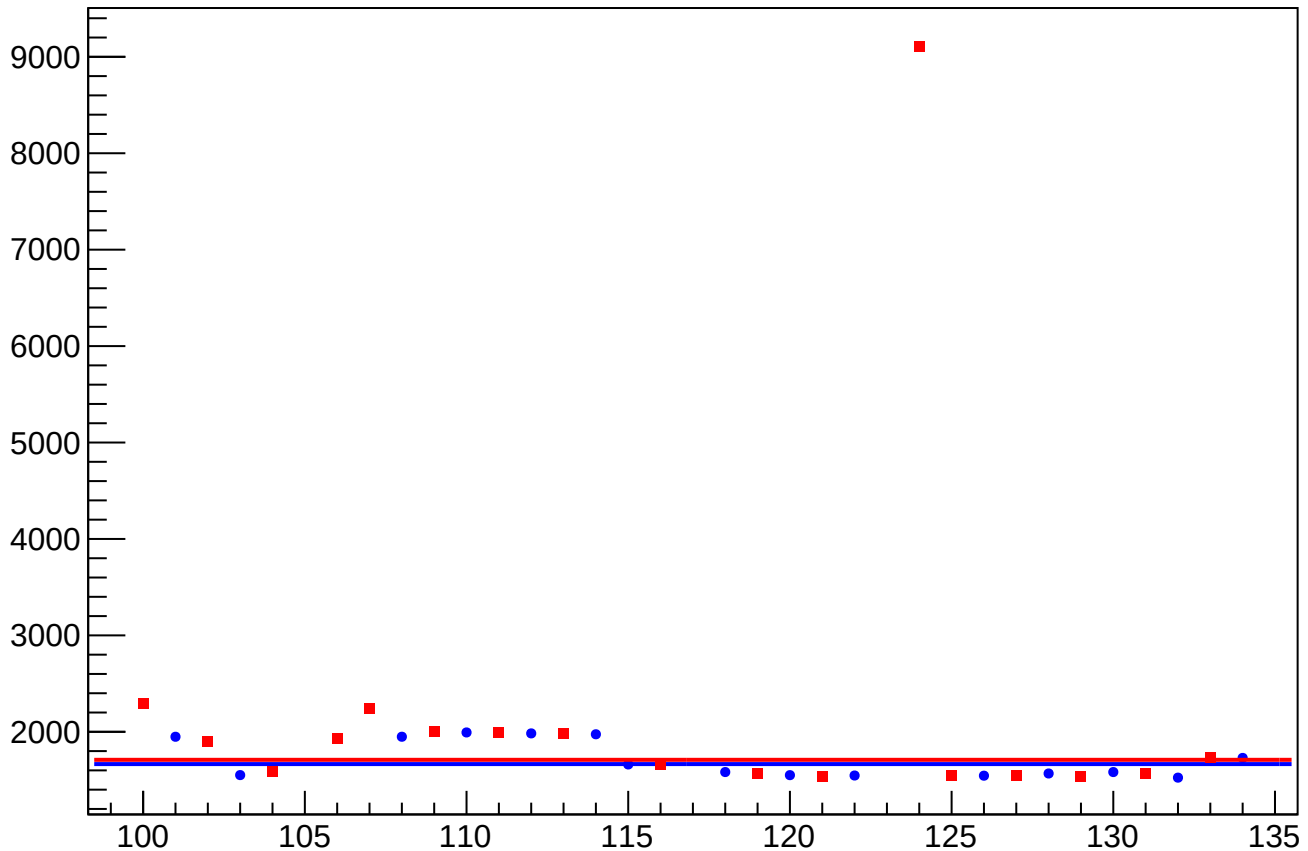
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 304.370+/-473.196 χ^2/NDF : 42.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_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

Right Out: 1709.576+/-0.474 χ^2/NDF : 380115.1/16

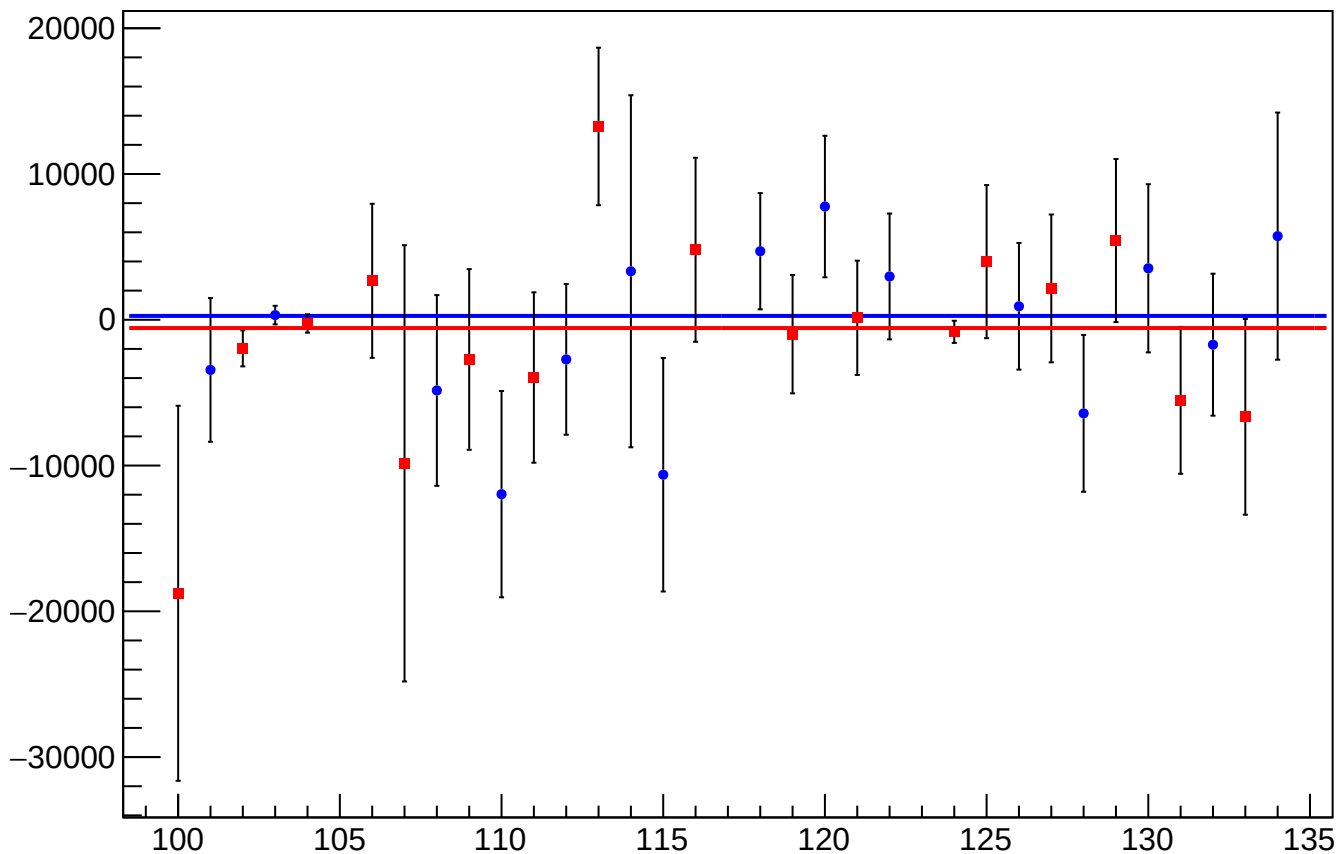
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1687.275+/-0.334 χ^2/NDF : 518760.6/31

- sign 0.000+/-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: -567.787+/-431.930 χ^2/NDF : 16.2/16

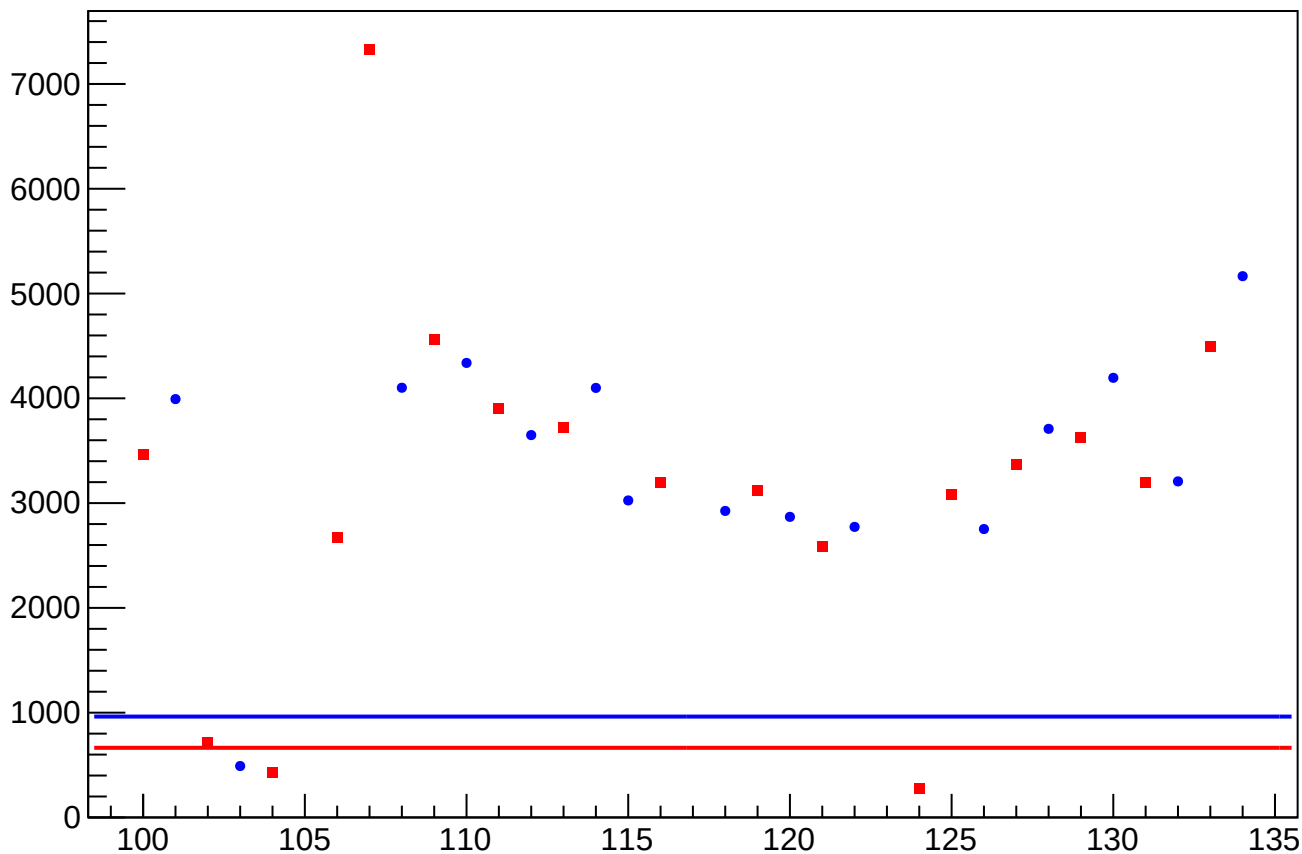
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -273.184+/-347.158 χ^2/NDF : 30.4/31

- 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

Right Out: 664.813+/-0.305 χ^2/NDF : 7868757.2/16

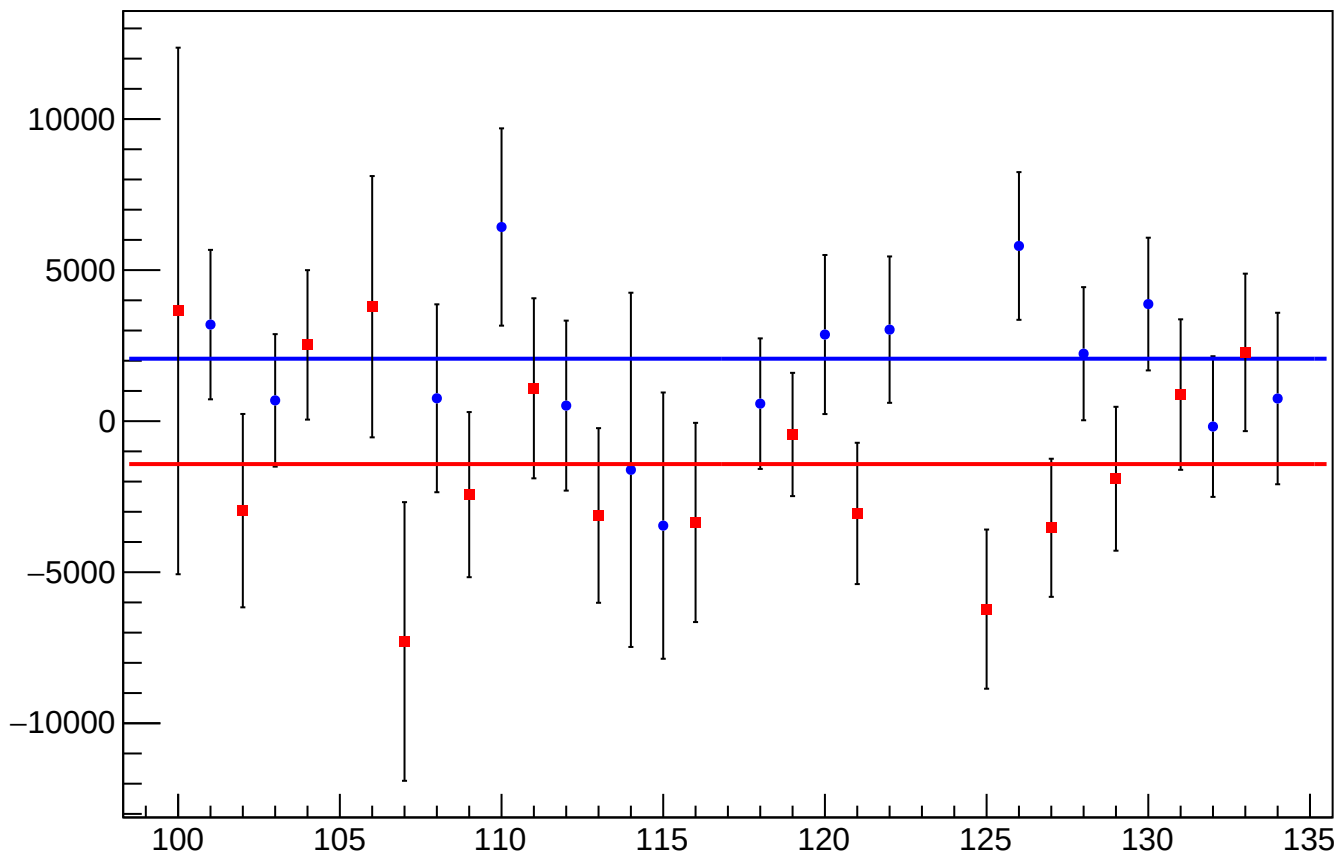
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 770.310+/-0.245 χ^2/NDF : 15331487.2/31

- sign 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: -1420.633 $\pm$ 694.010 χ^2 /NDF: 15.5/15

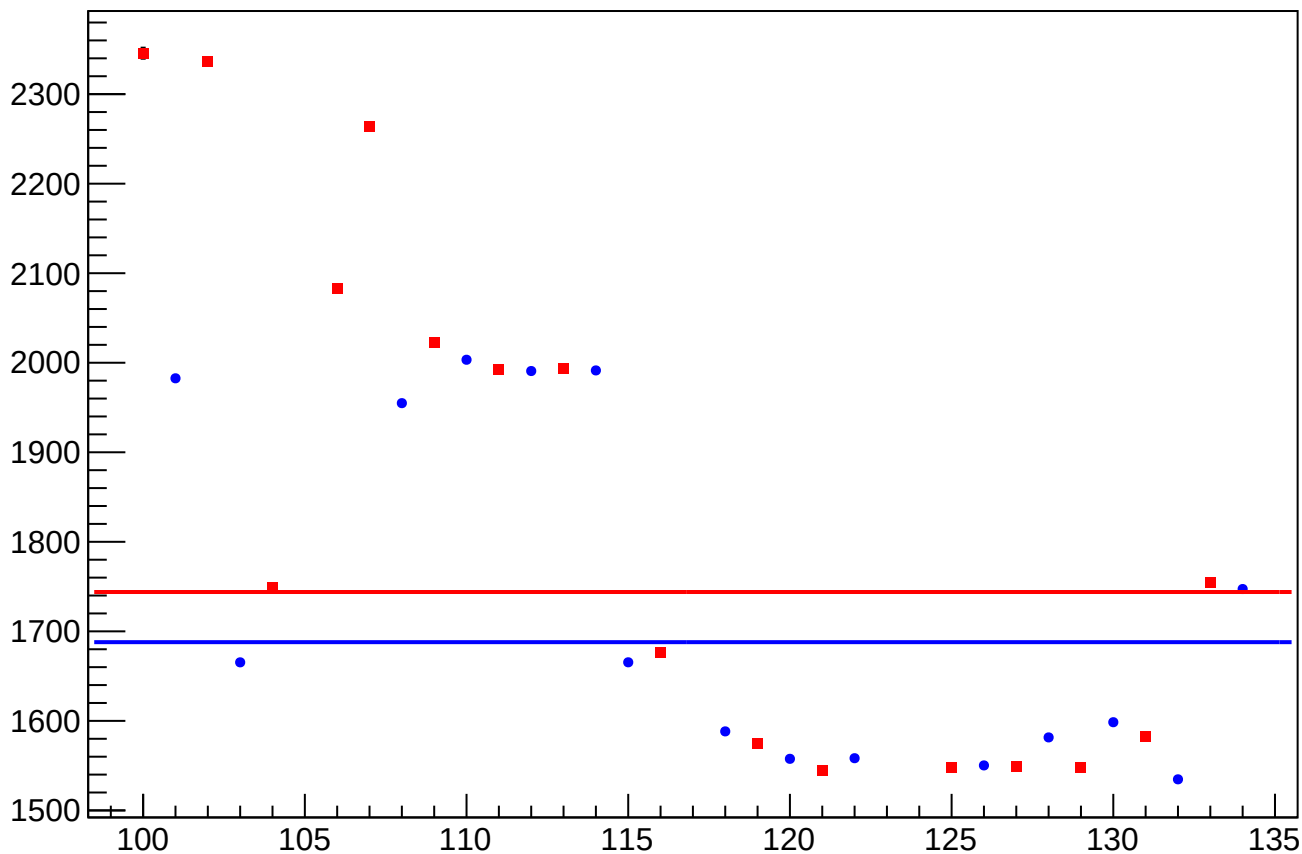
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 371.210 $\pm$ 483.938 χ^2 /NDF: 38.2/30

- 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: 1743.938+/-0.490 χ^2/NDF : 244595.9/15

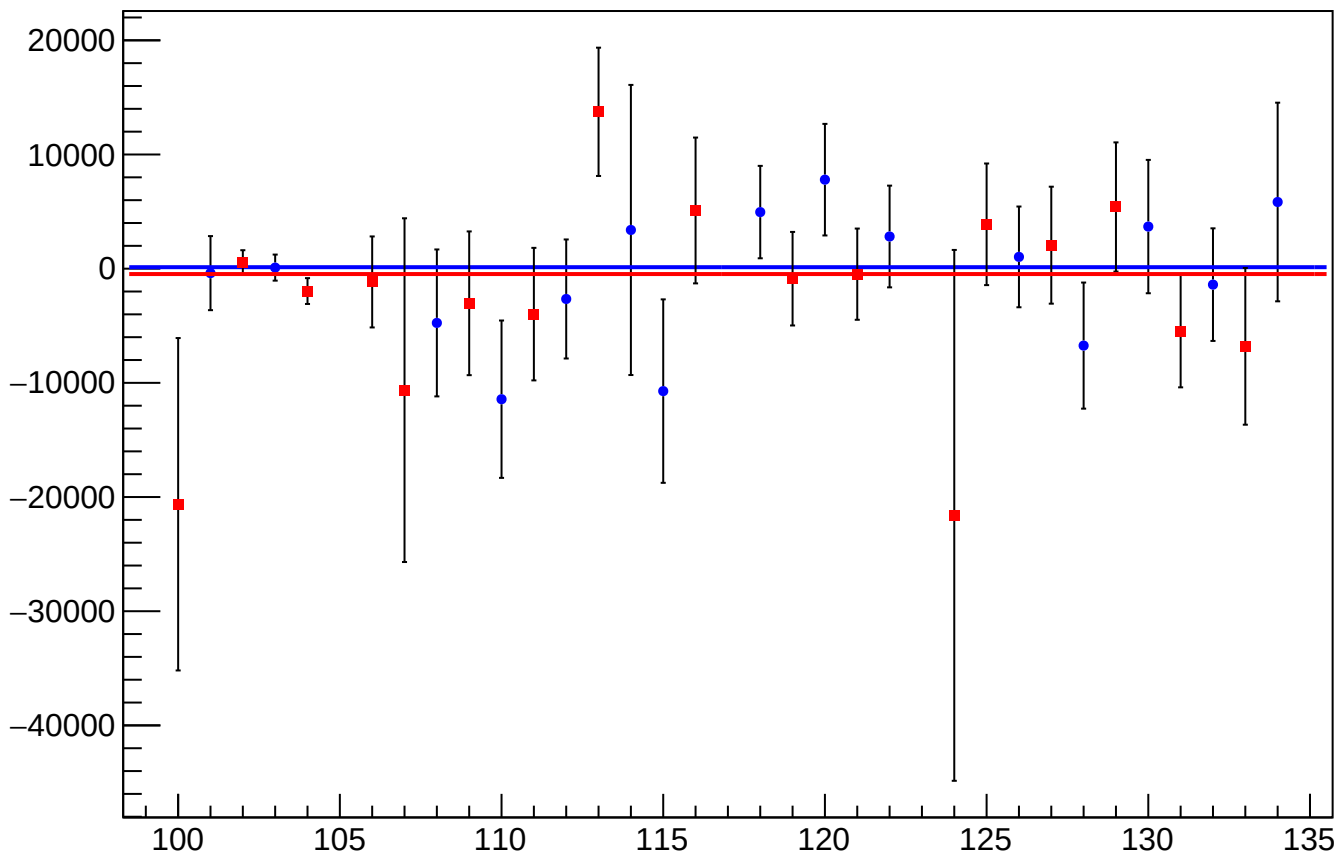
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1715.227+/-0.342 χ^2/NDF : 380635.6/30

- 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: -470.504+/-684.113 χ^2/NDF : 17.5/16

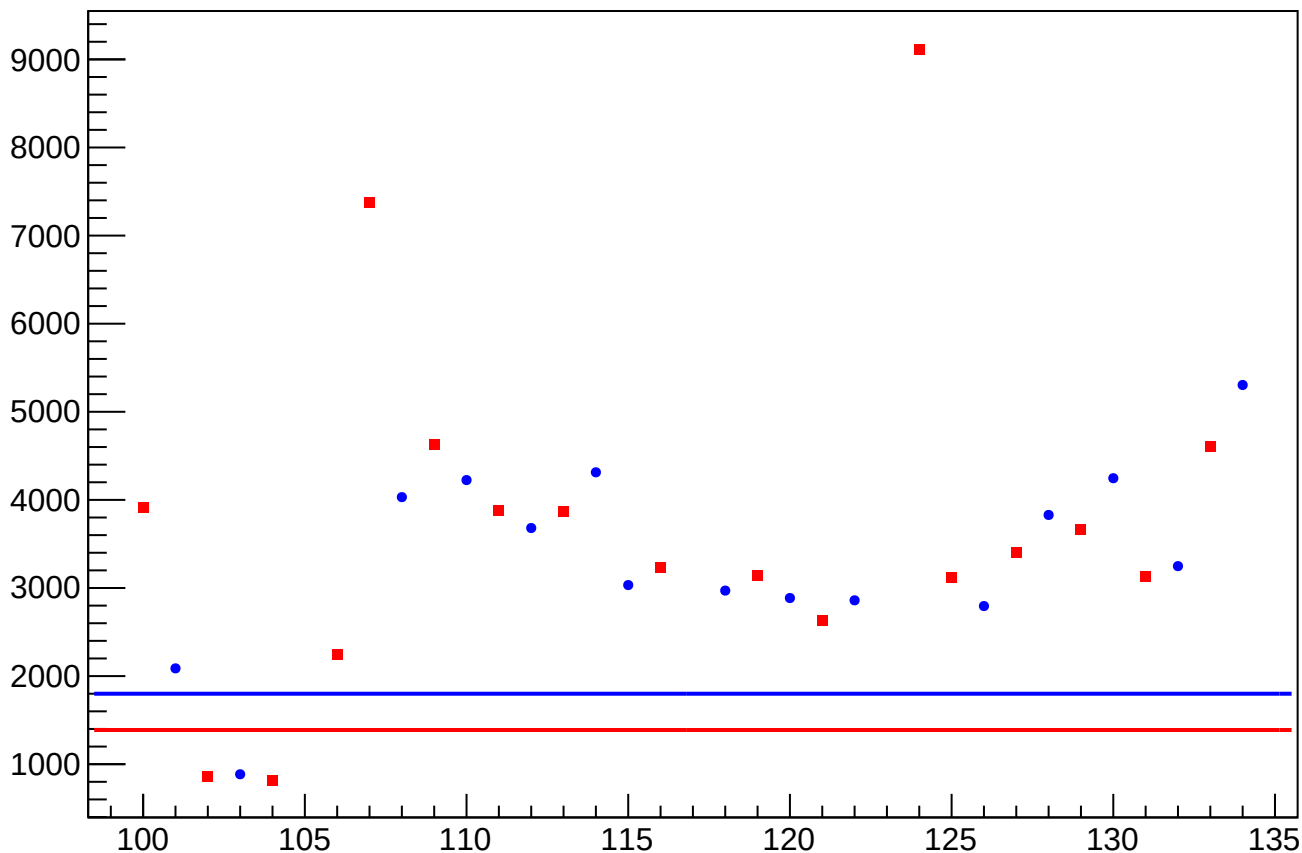
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -244.522+/-540.389 χ^2/NDF : 30.1/31

- 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: 1388.278+/-0.484 χ^2/NDF : 5258392.9/16

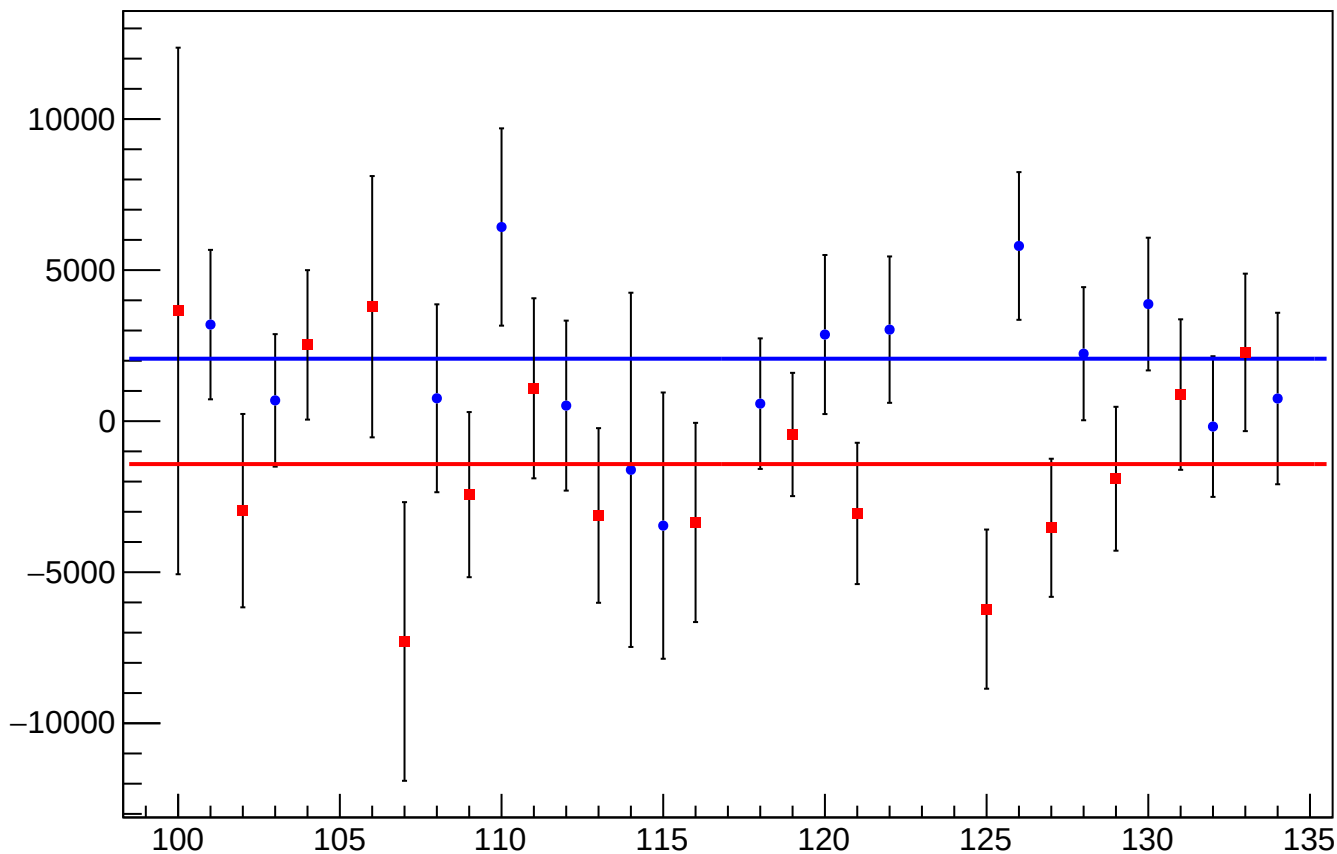
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1543.073+/-0.382 χ^2/NDF : 9303311.0/31

- 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: -1420.631+/-694.010 χ^2/NDF : 15.5/15

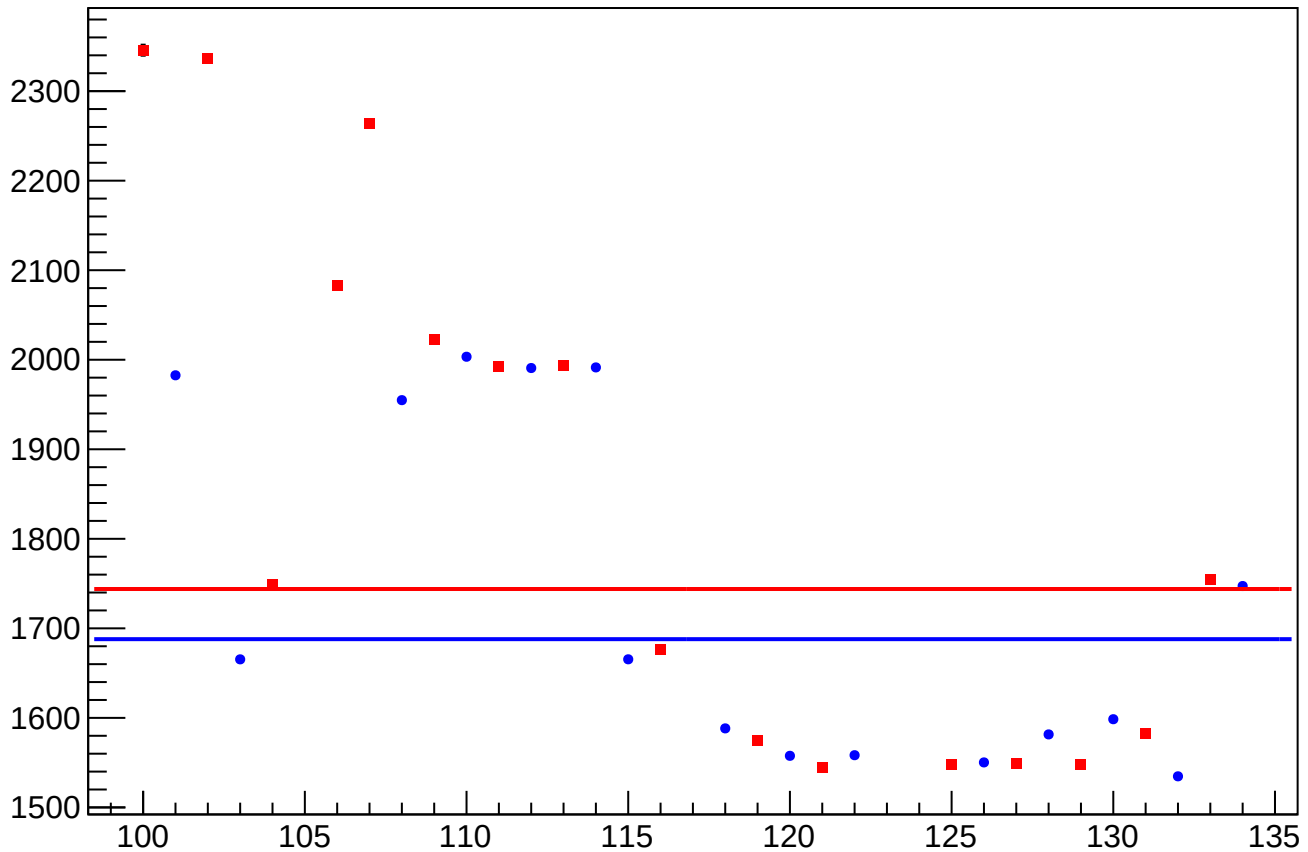
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 371.212+/-483.938 χ^2/NDF : 38.2/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_avg_rms vs Slug



Right In: 1687.918 $\pm$ 0.477 χ^2 /NDF: 129327.7/14

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

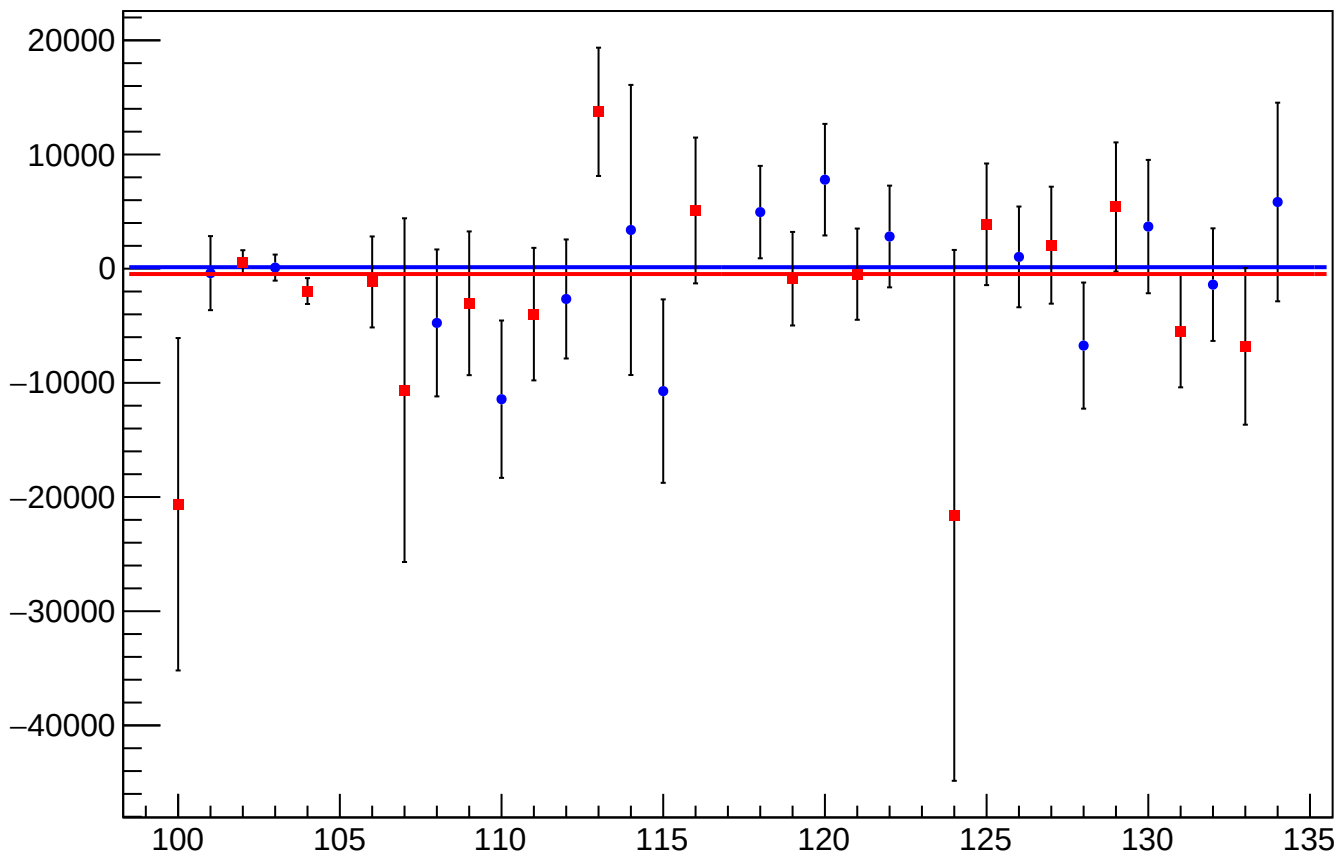
Right Out: 1743.937 $\pm$ 0.490 χ^2 /NDF: 244595.4/15

All: 1715.227 $\pm$ 0.342 χ^2 /NDF: 380635.2/30

- 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_eigen_dit_correction_mean vs Slug



Right In: 130.447 $\pm$ 881.223 χ^2 /NDF: 12.3/14

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

Right Out: -470.503 $\pm$ 684.108 χ^2 /NDF: 17.5/16

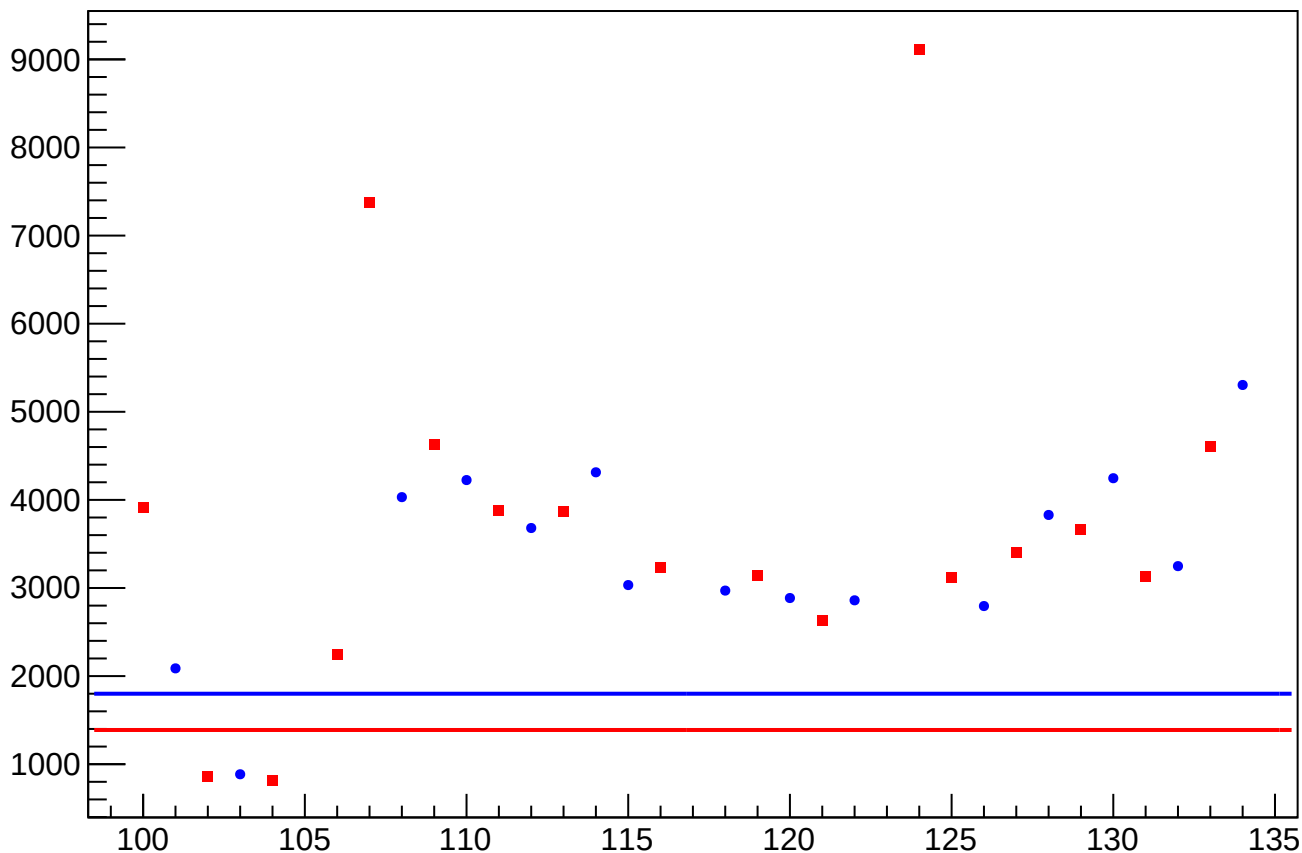
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -244.521 $\pm$ 540.385 χ^2 /NDF: 30.1/31

- sign 0.000 $\pm$ 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: 1388.265 $\pm$ 0.484 χ^2 /NDF: 5258420.8/16

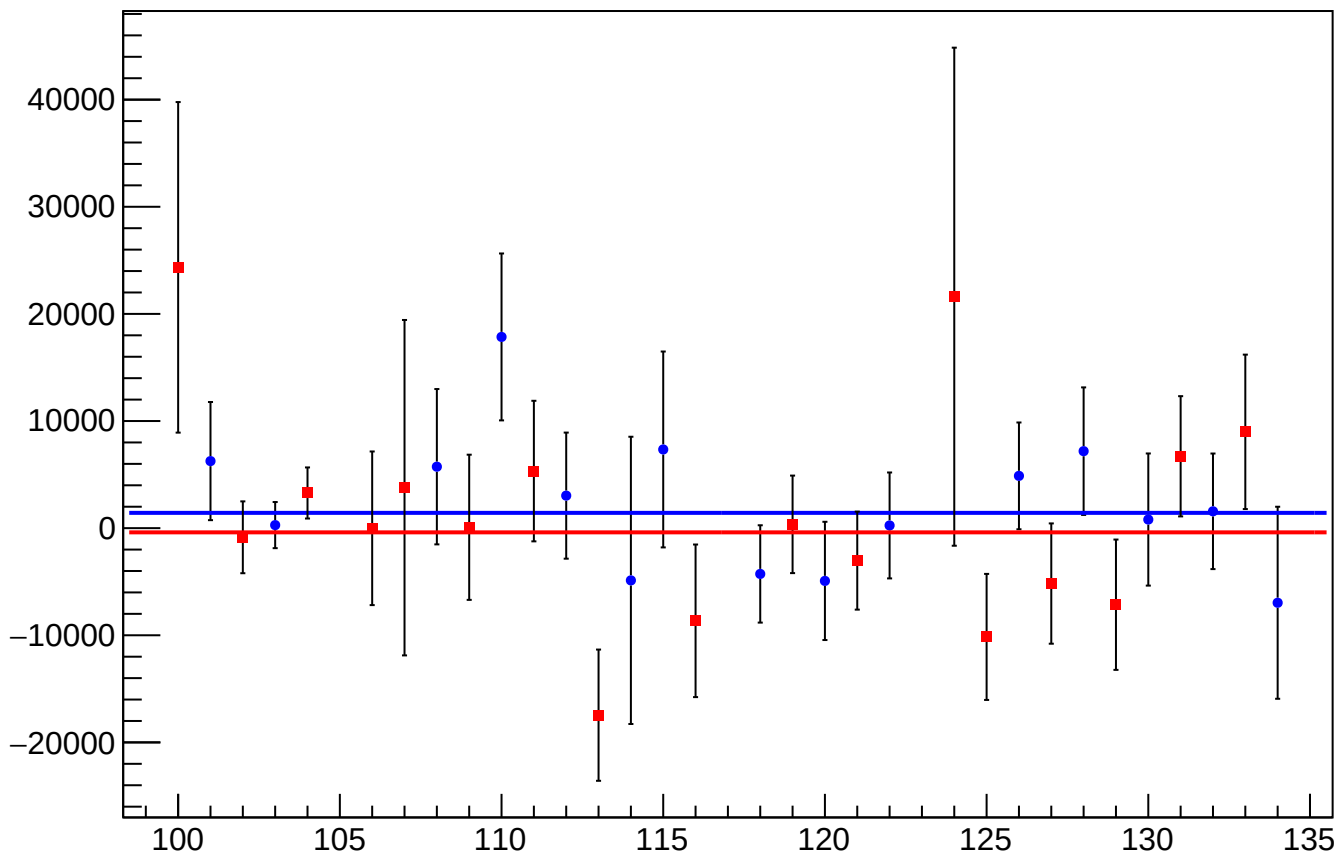
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1543.059 $\pm$ 0.382 χ^2 /NDF: 9303367.0/31

- 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: -392.825+/-1269.526 χ^2/NDF : 24.2/16

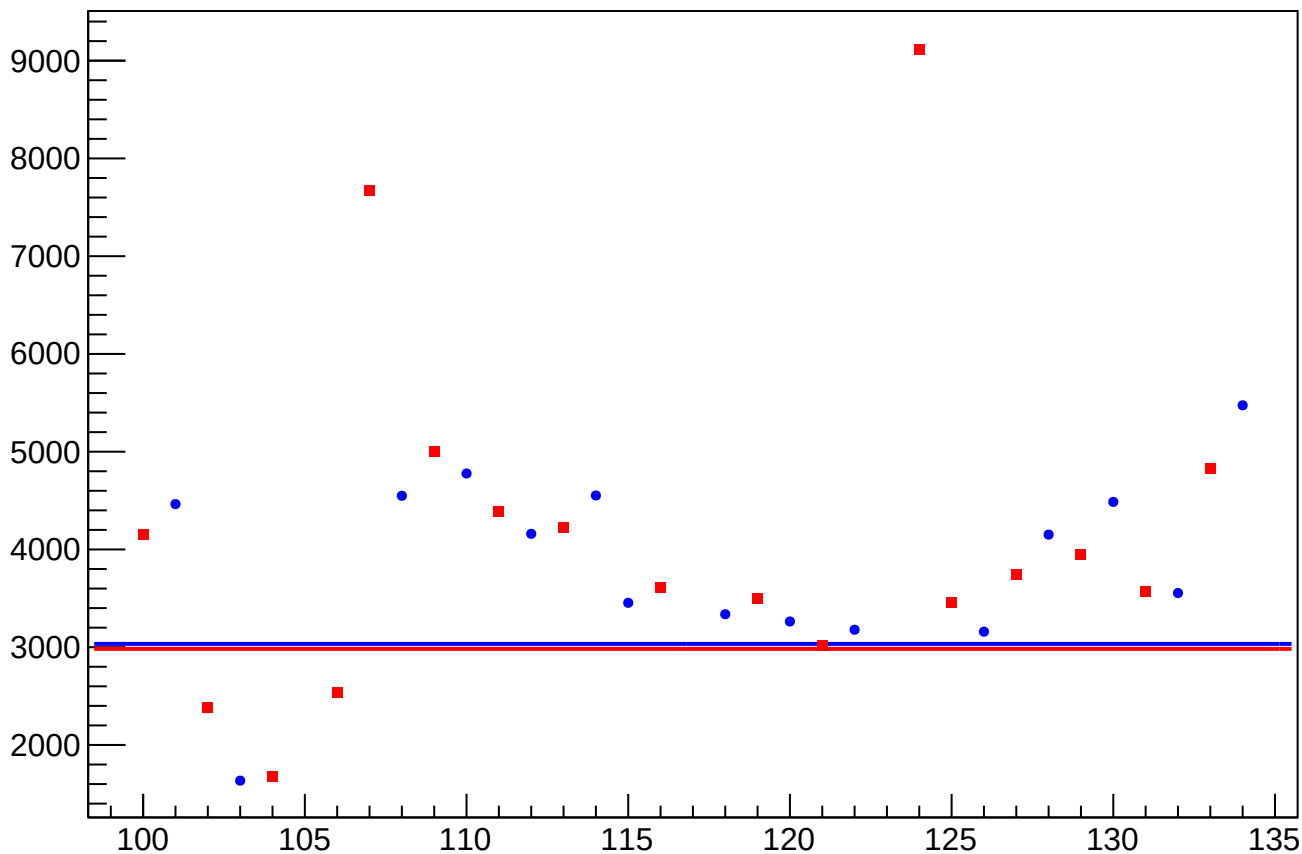
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 497.701+/-907.319 χ^2/NDF : 37.0/31

- 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: 2983.104+/-0.883 χ^2/NDF : 1657396.8/16

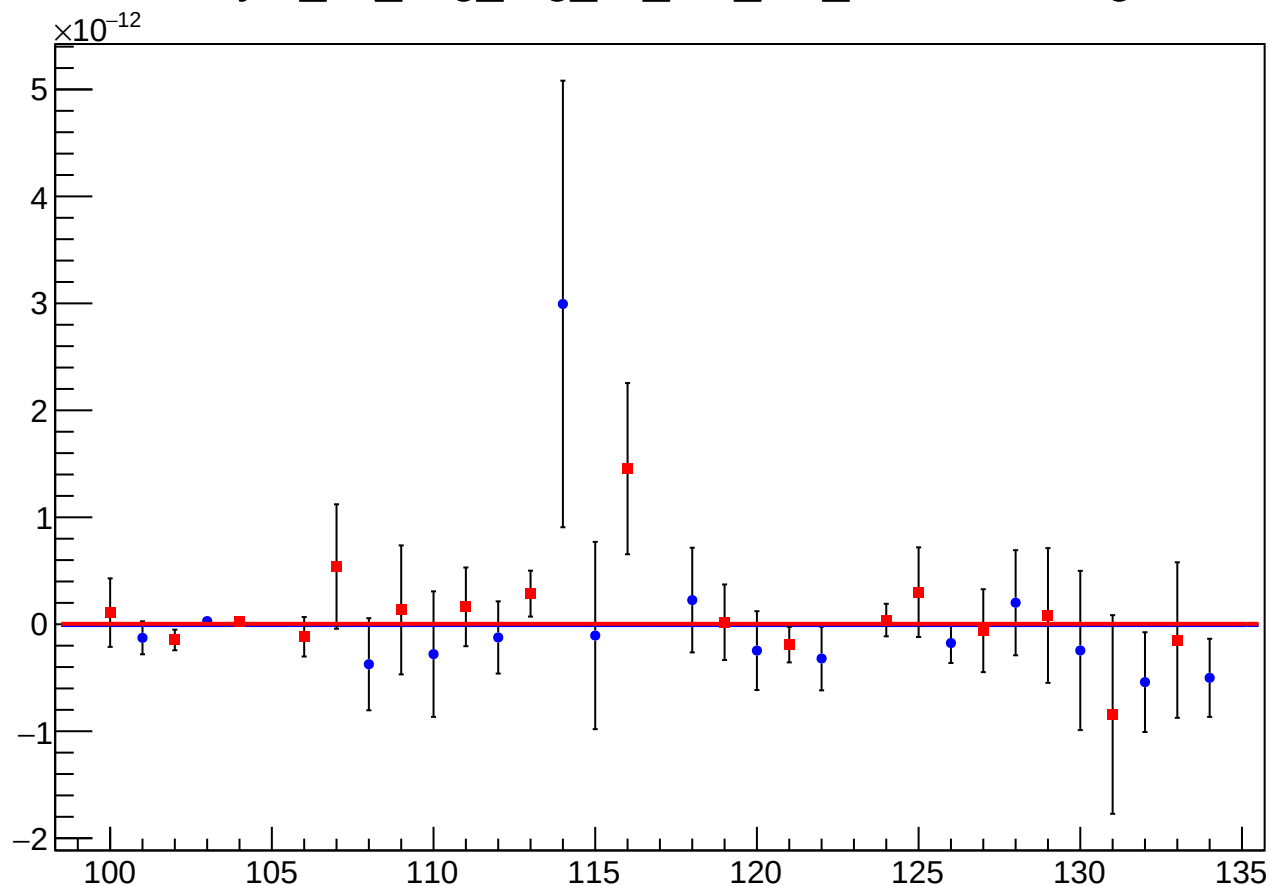
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3007.539+/-0.636 χ^2/NDF : 3292085.4/32

- 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+/-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 : 12.2/16

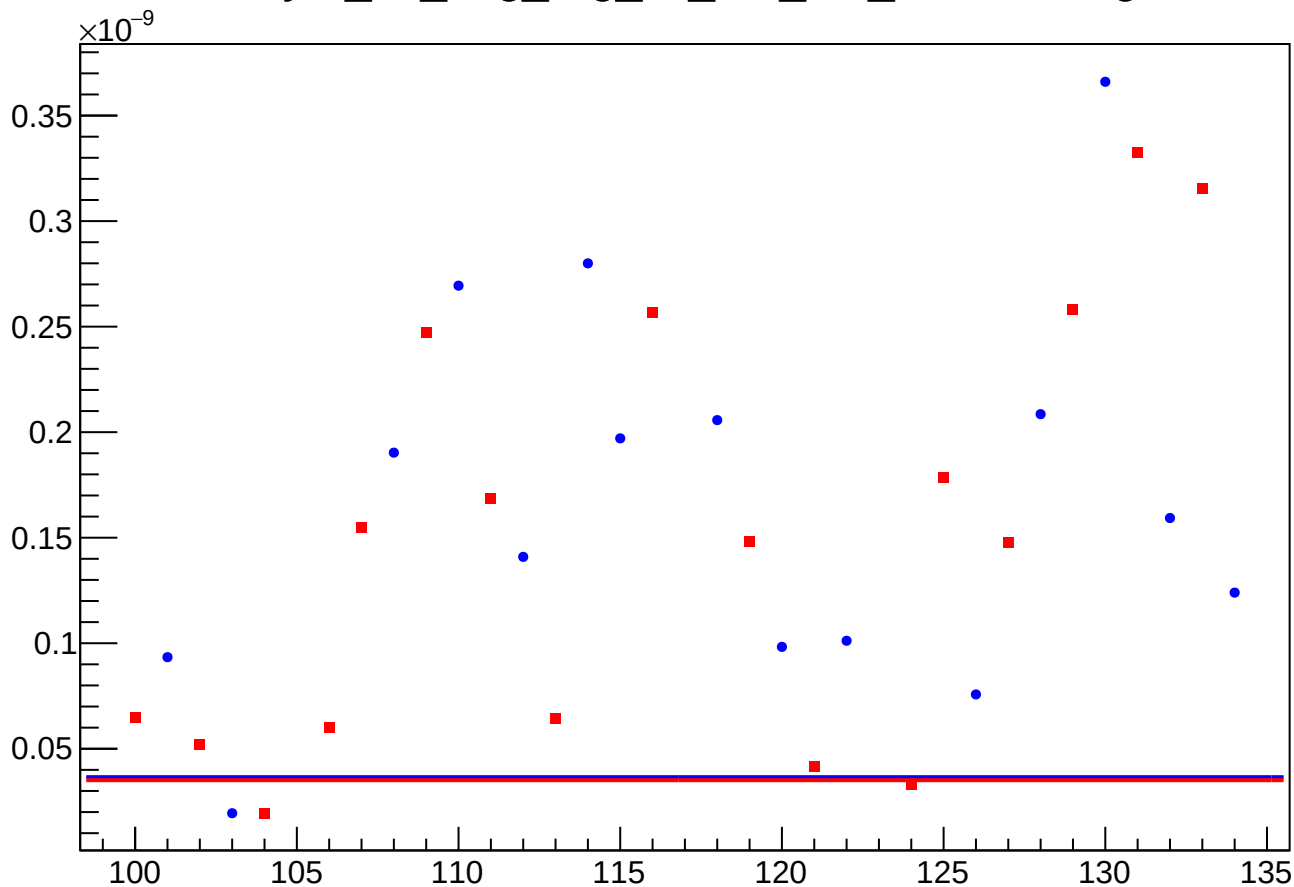
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.8/31

- sign 0.000+/-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 : 2582318.7/16

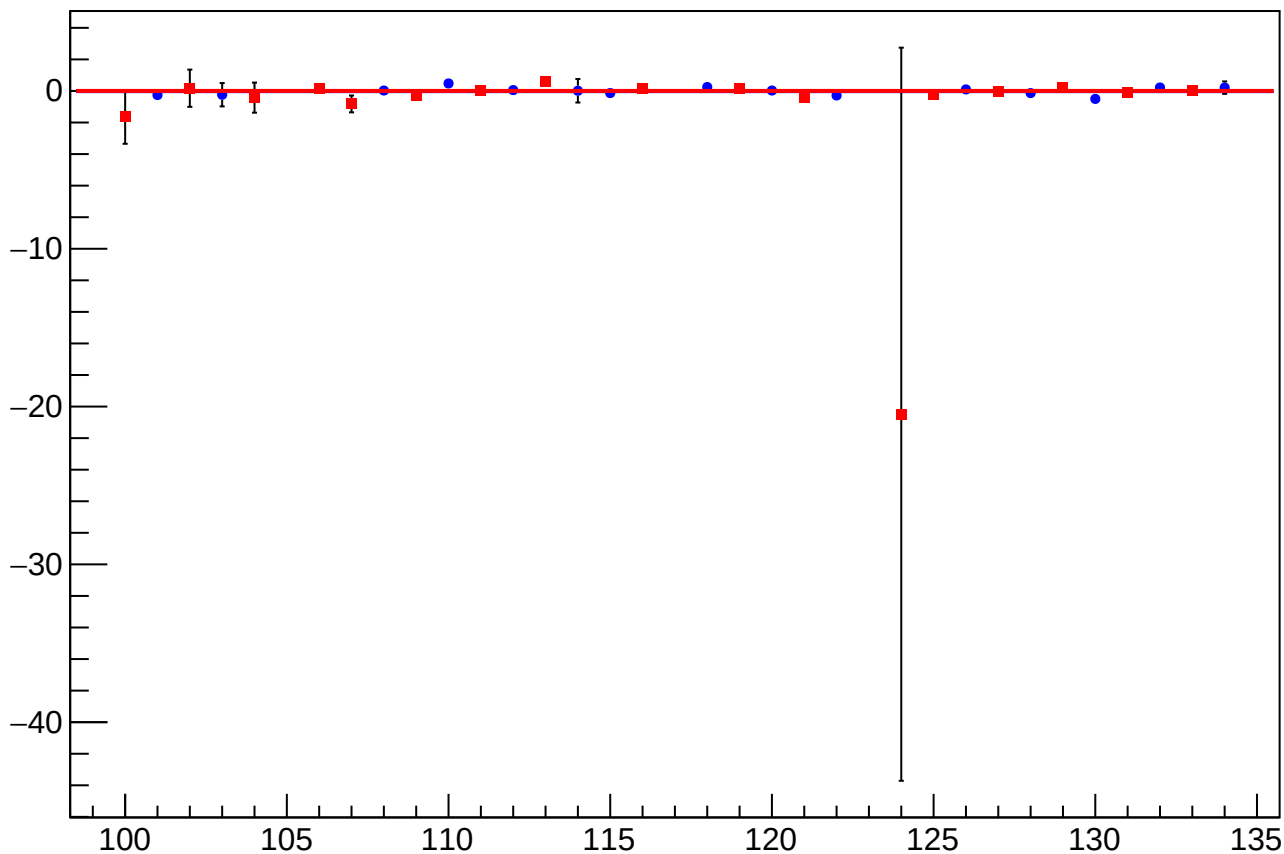
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5444936.3/31

- 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: 0.003 ± 0.058 χ^2/NDF : 19.8/16

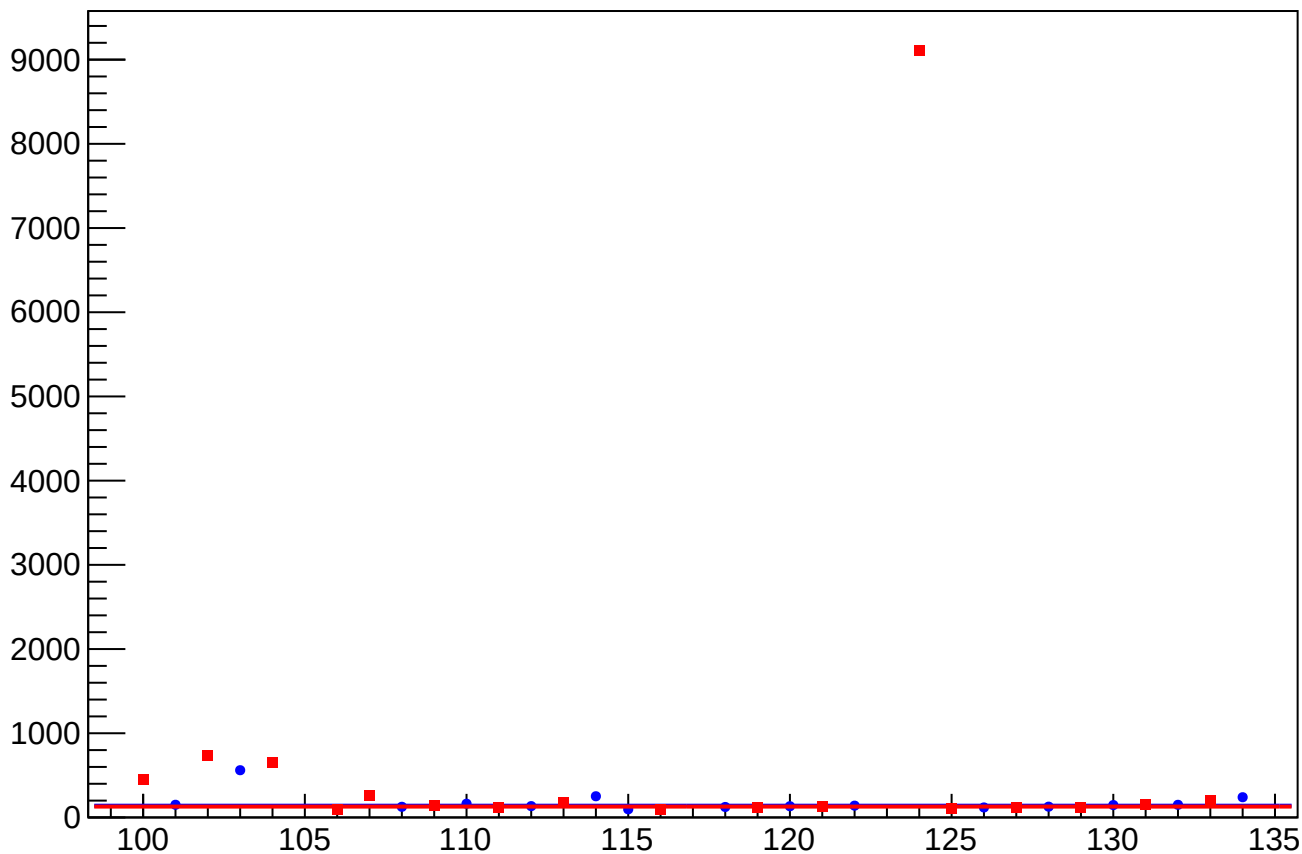
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.042 χ^2/NDF : 35.9/31

- 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

Right Out: 129.072 $\pm$ 0.041 χ^2 /NDF: 1968386.1/16

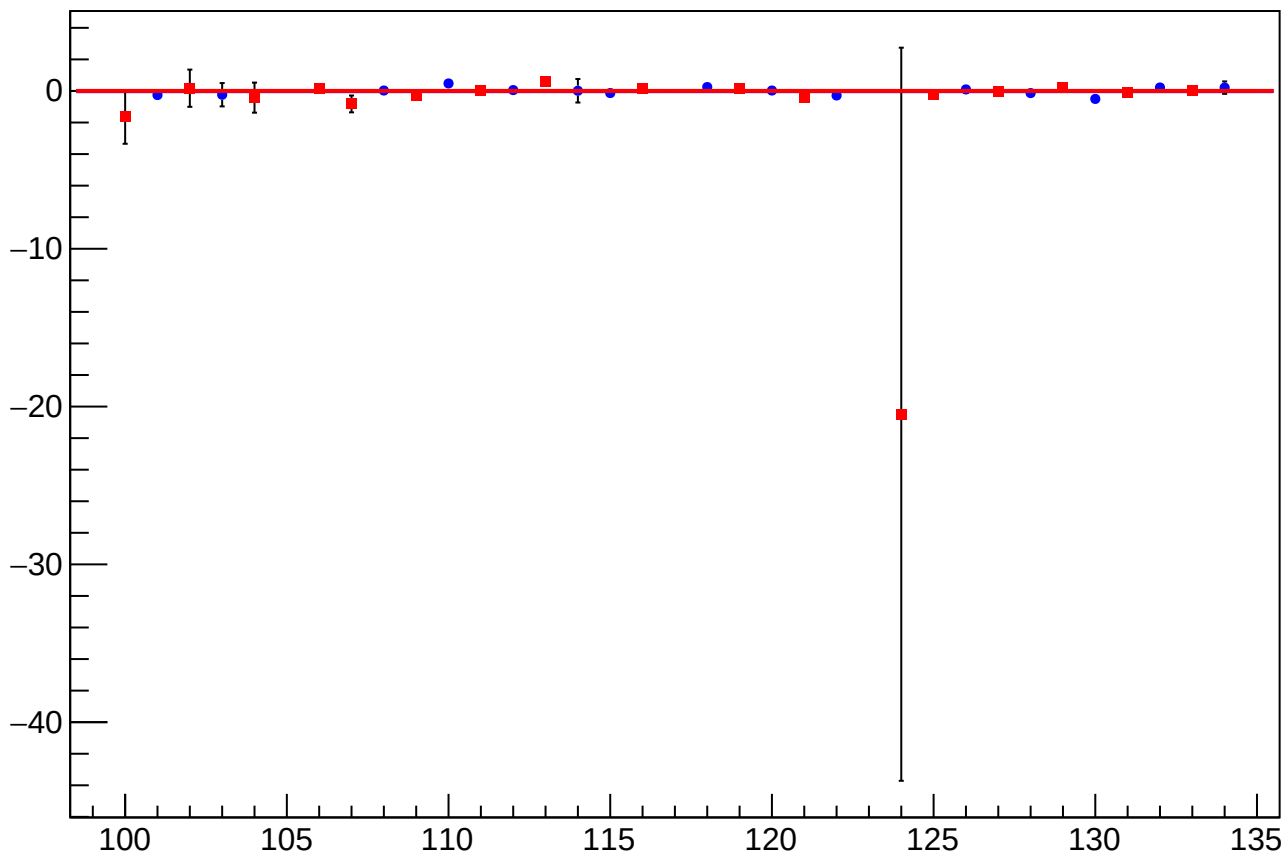
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 134.212 $\pm$ 0.029 χ^2 /NDF: 2962211.6/31

- sign 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 $\pm$ 0.060 χ^2 /NDF: 16.1/14

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

Right Out: 0.003 $\pm$ 0.058 χ^2 /NDF: 19.8/16

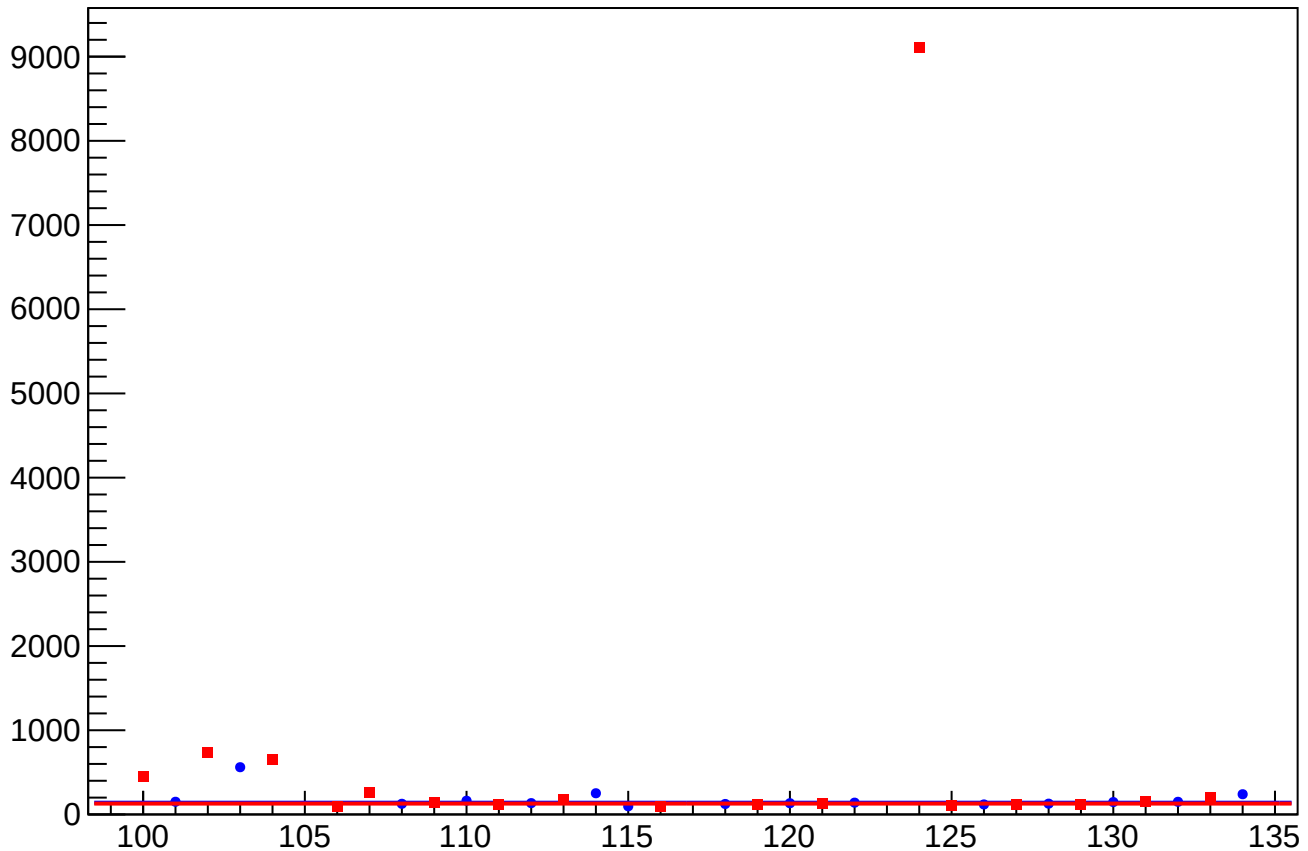
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.004 $\pm$ 0.042 χ^2 /NDF: 35.9/31

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

asym_atl_avg_dit_vs_eigen_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

Right Out: 129.072 $\pm$ 0.041 χ^2 /NDF: 1968386.1/16

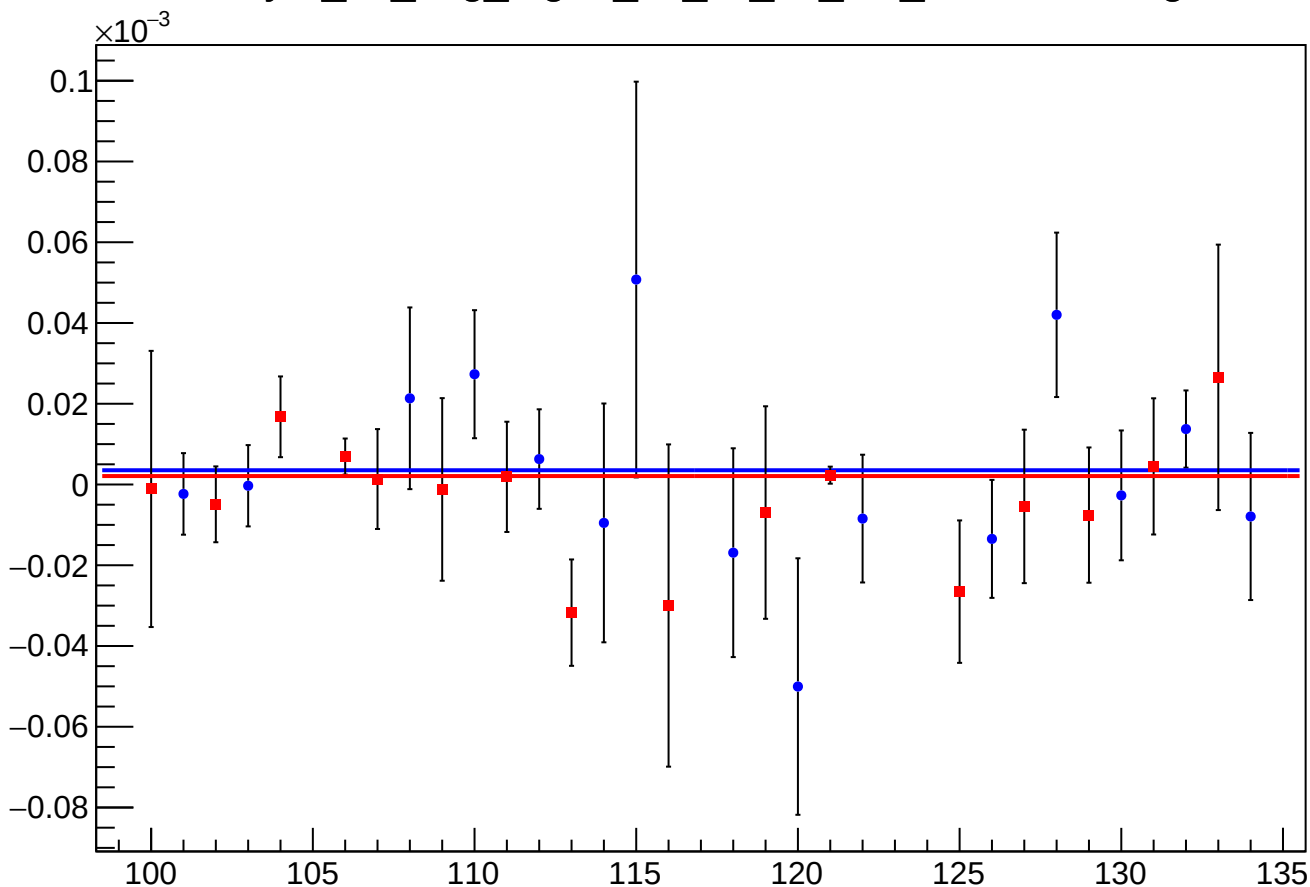
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 134.212 $\pm$ 0.029 χ^2 /NDF: 2962211.6/31

- sign 0.000 $\pm$ 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: 15.0/15

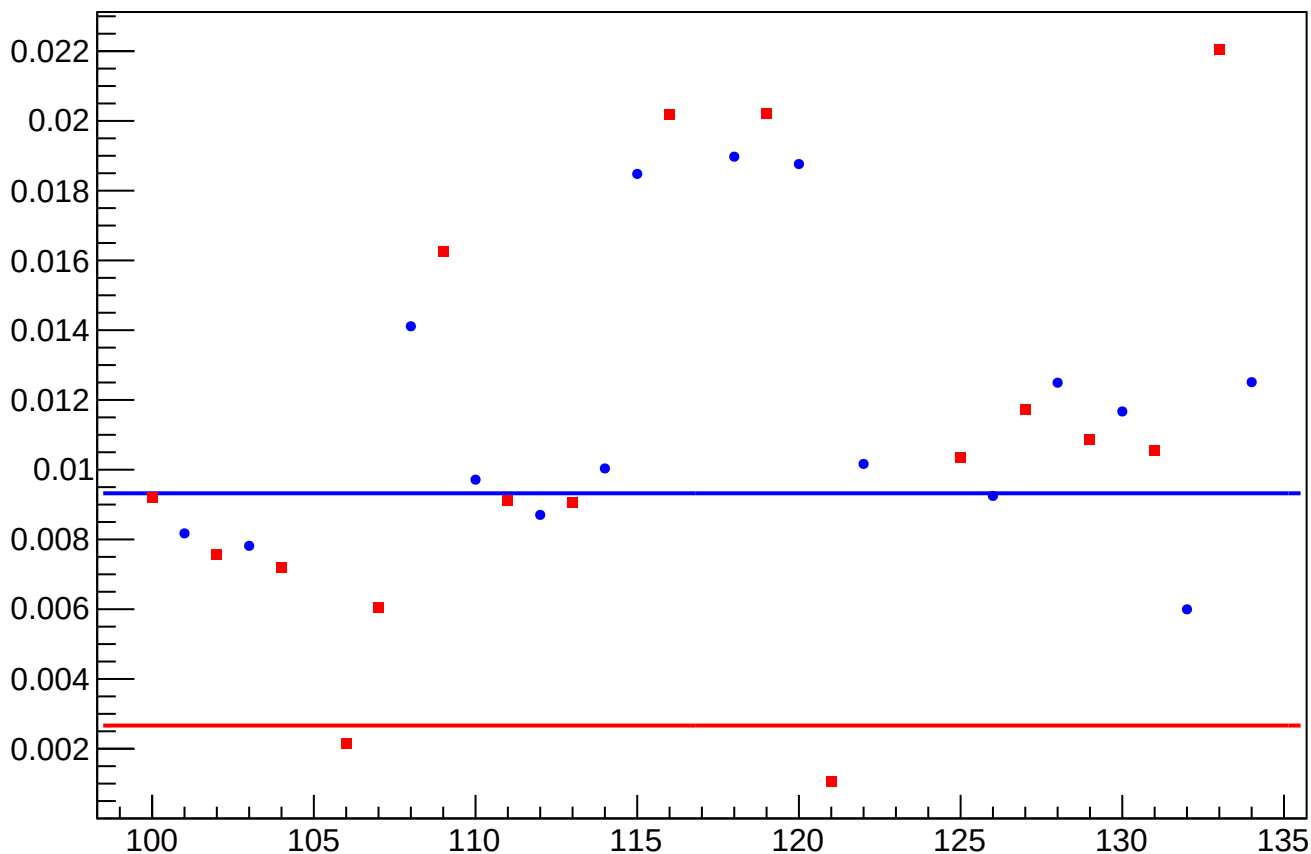
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 30.2/30

- 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 : 7730373.5/15

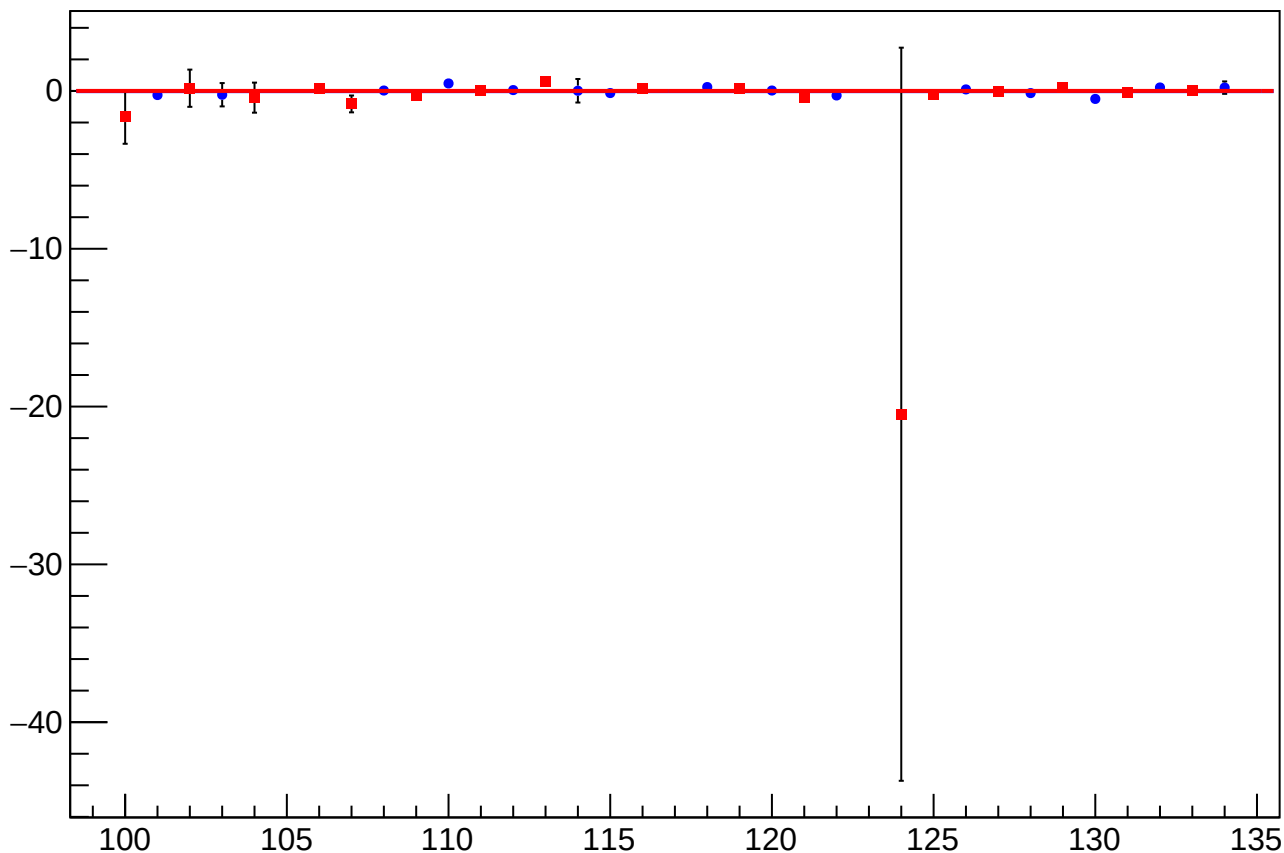
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 13601062.7/30

- 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 ± 0.060 χ^2/NDF : 16.1/14

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

Right Out: 0.003 ± 0.058 χ^2/NDF : 19.8/16

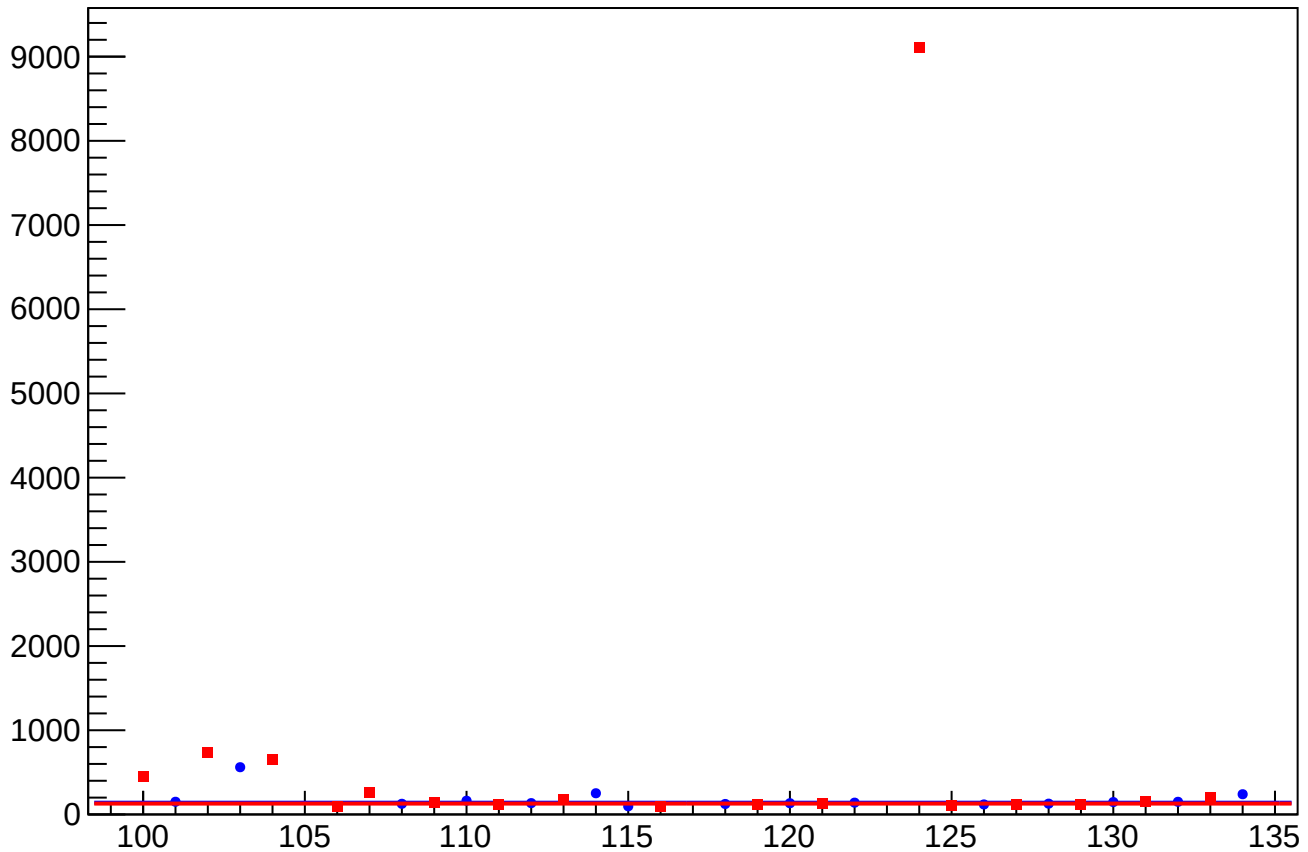
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.042 χ^2/NDF : 35.9/31

- sign 0.000 ± 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

Right Out: 129.072+/-0.041 χ^2/NDF : 1968331.7/16

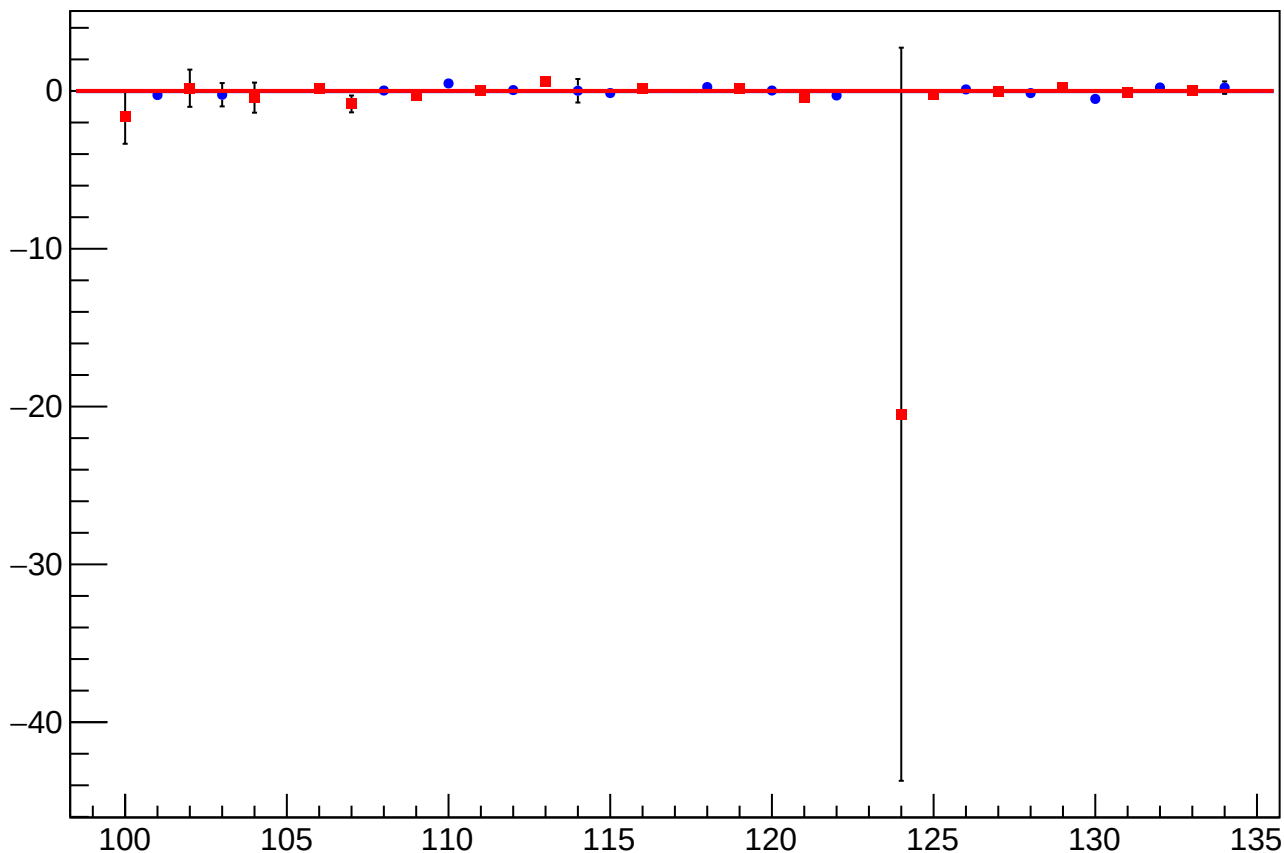
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.211+/-0.029 χ^2/NDF : 2962155.7/31

- sign 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: 0.003 ± 0.058 χ^2/NDF : 19.8/16

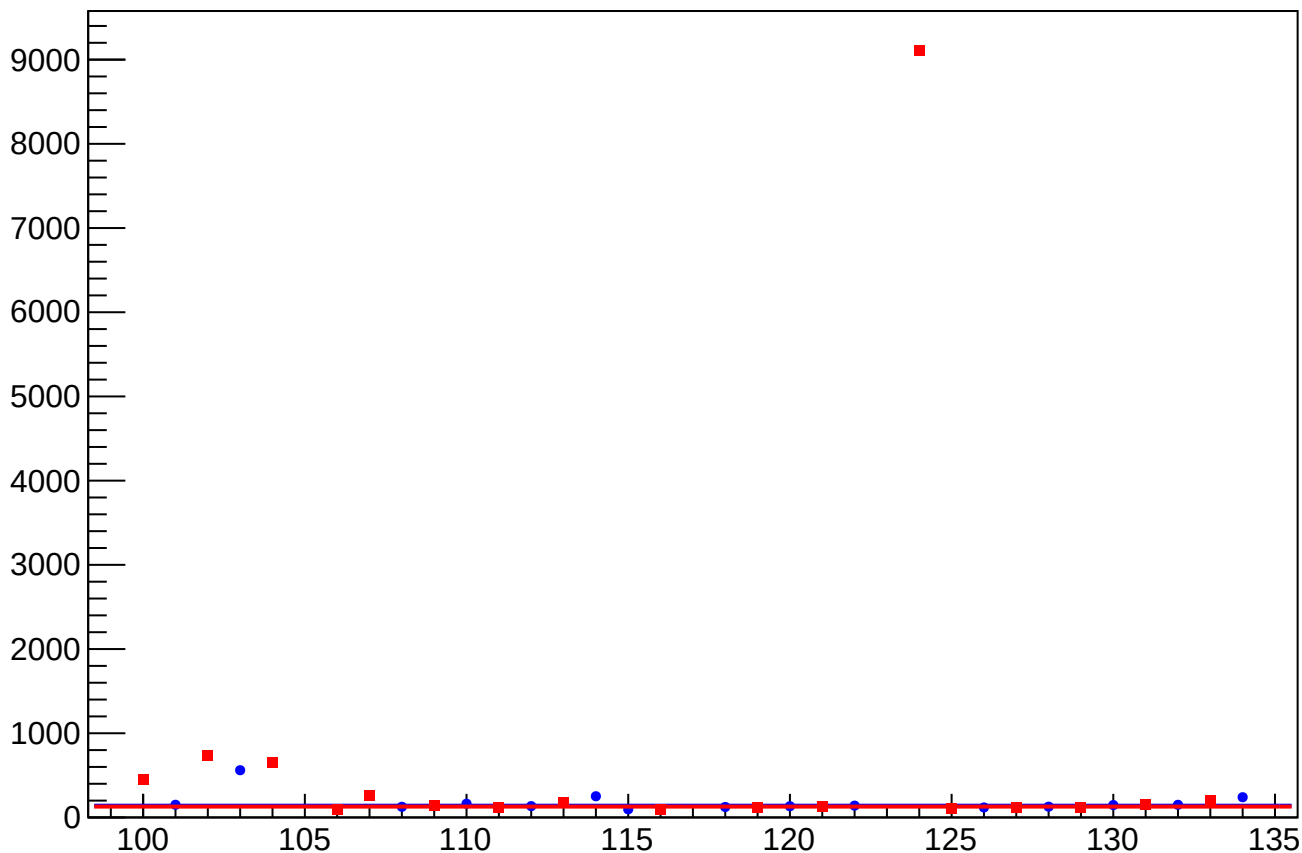
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

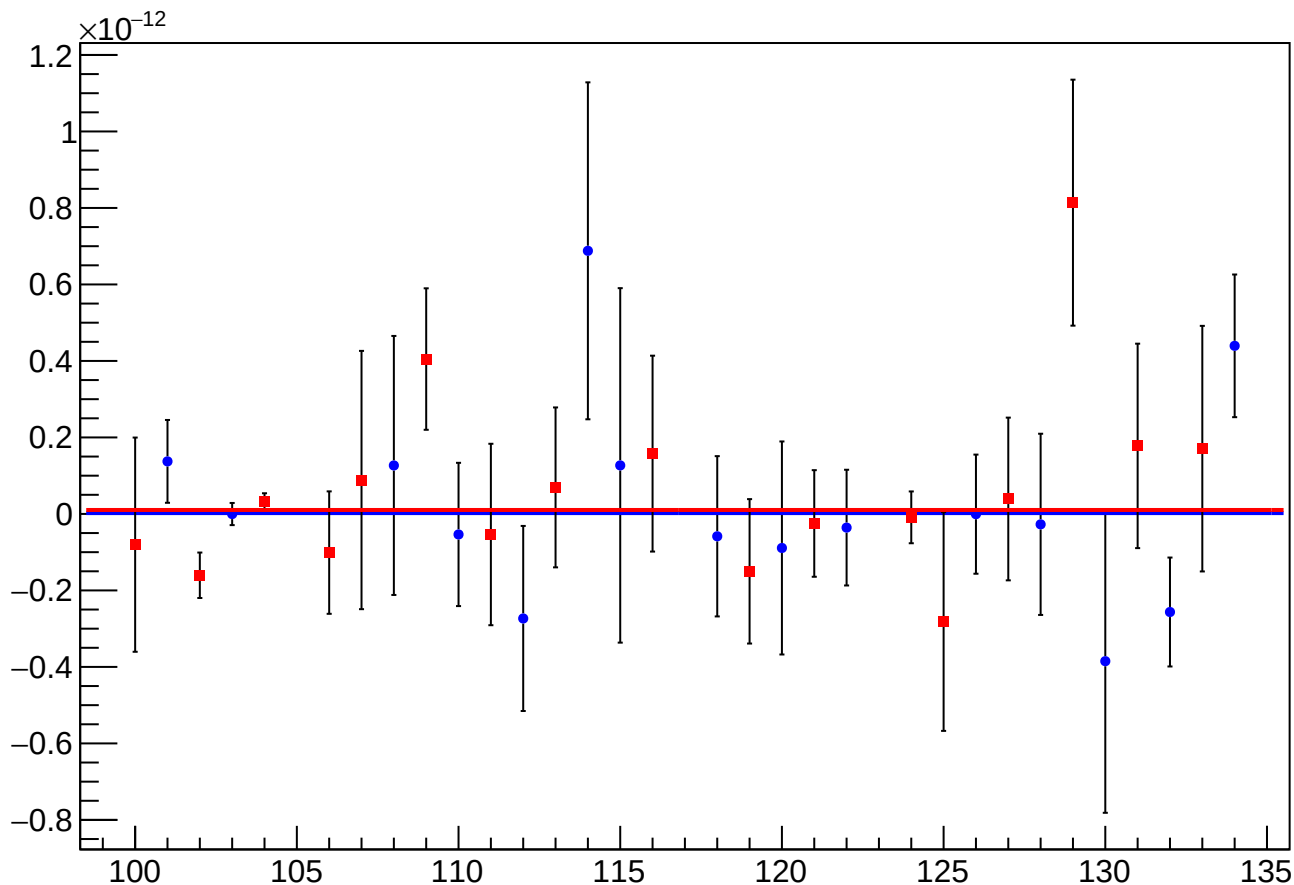
All: -0.004 ± 0.042 χ^2/NDF : 35.9/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 23.6/16

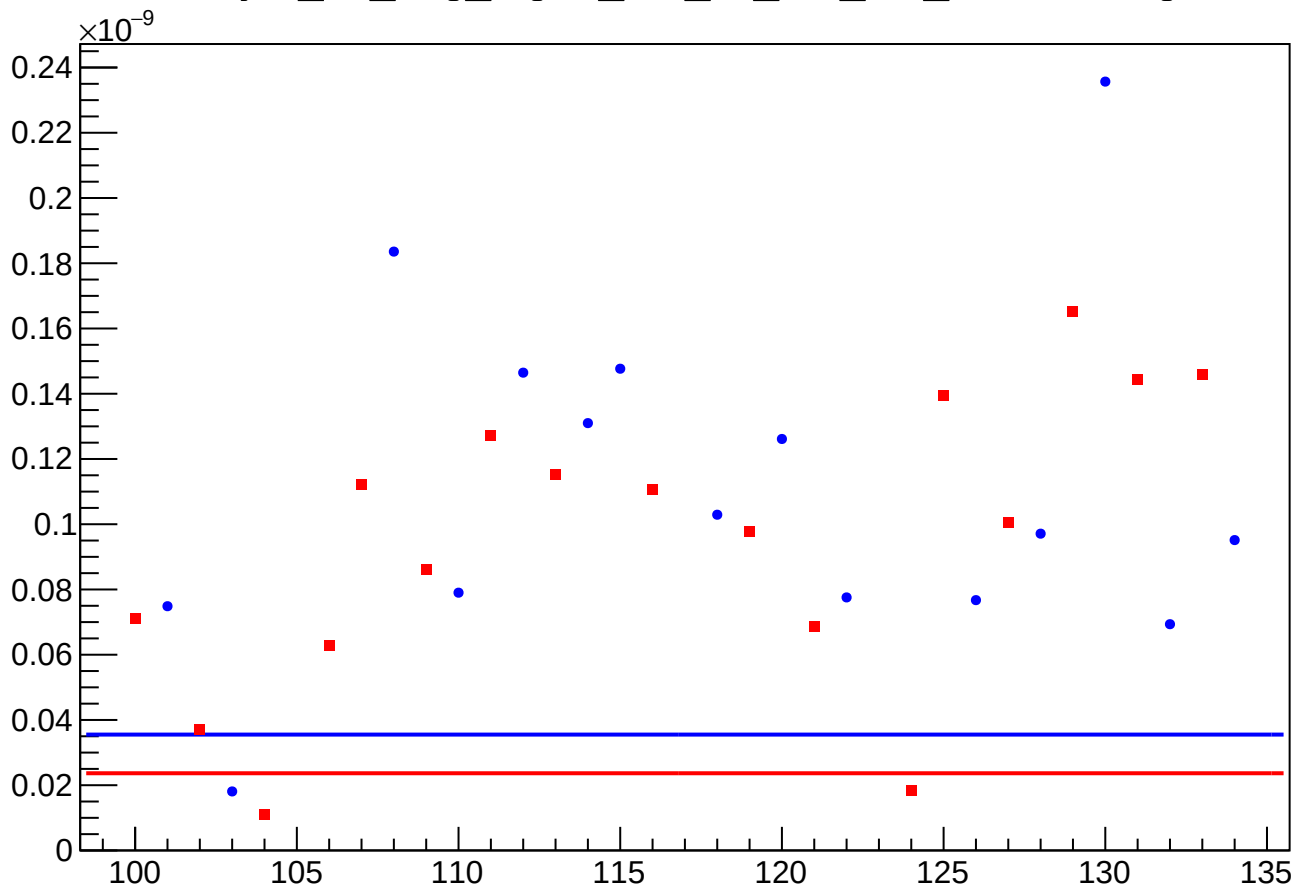
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 39.3/31

- 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 $\pm$ 0.000 χ^2 /NDF: 3786301.8/14

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 4451972.7/16

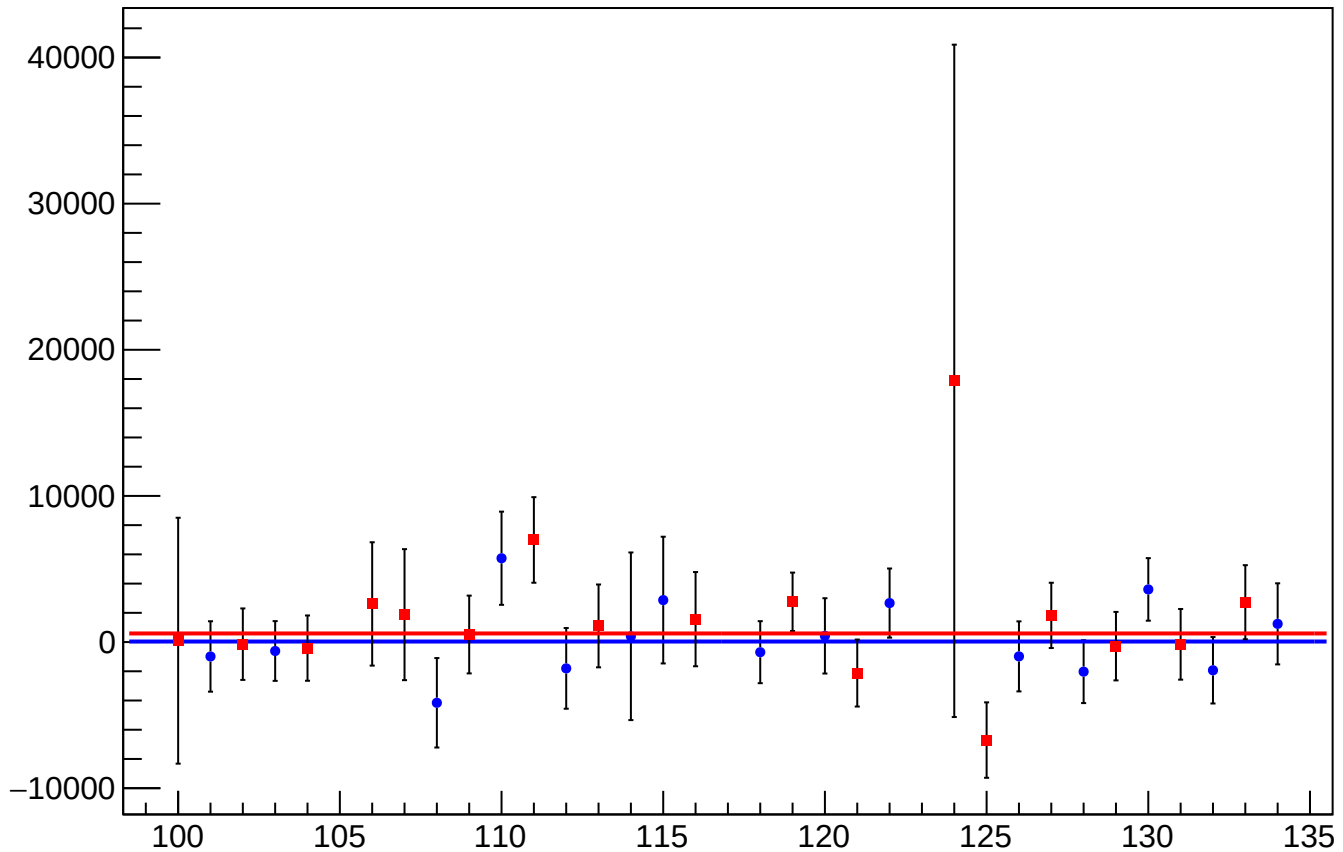
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 8518191.4/31

- sign 0.000 $\pm$ 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: 588.718+/-663.957 χ^2/NDF : 17.9/16

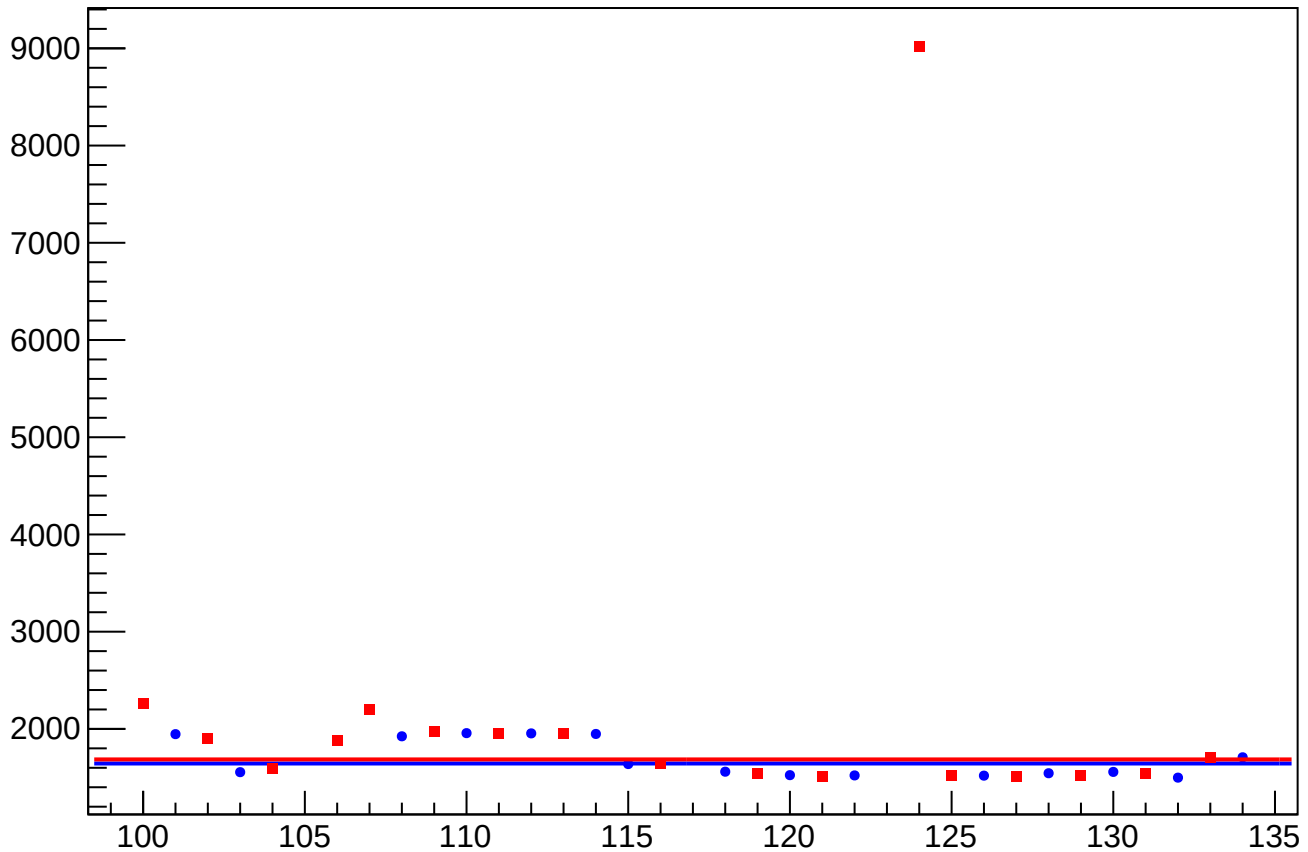
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 309.860+/-467.100 χ^2/NDF : 30.7/31

- 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: 1686.199+/-0.467 χ^2/NDF : 381462.4/16

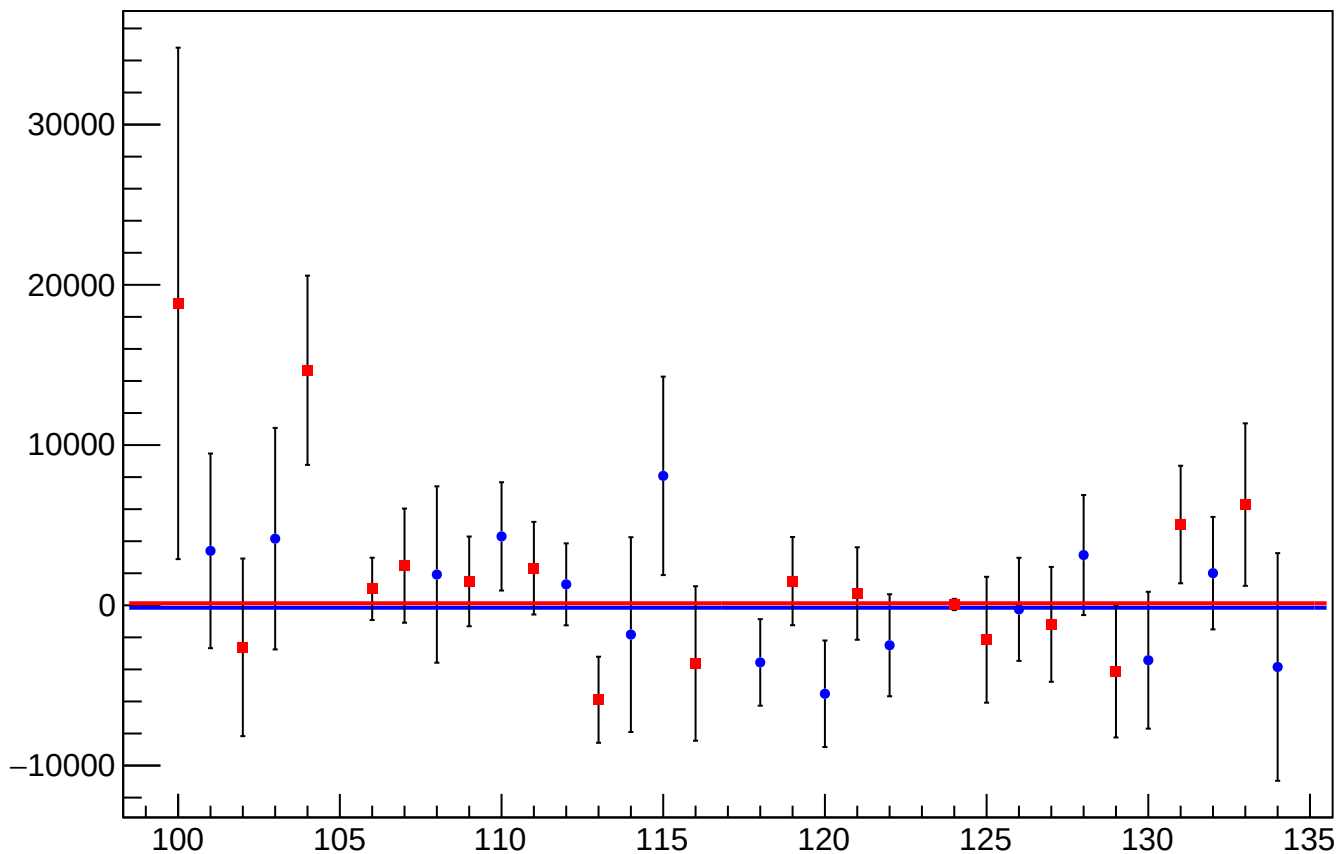
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1665.112+/-0.329 χ^2/NDF : 522544.3/31

- 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: 128.473 ± 324.511 χ^2/NDF : 19.9/16

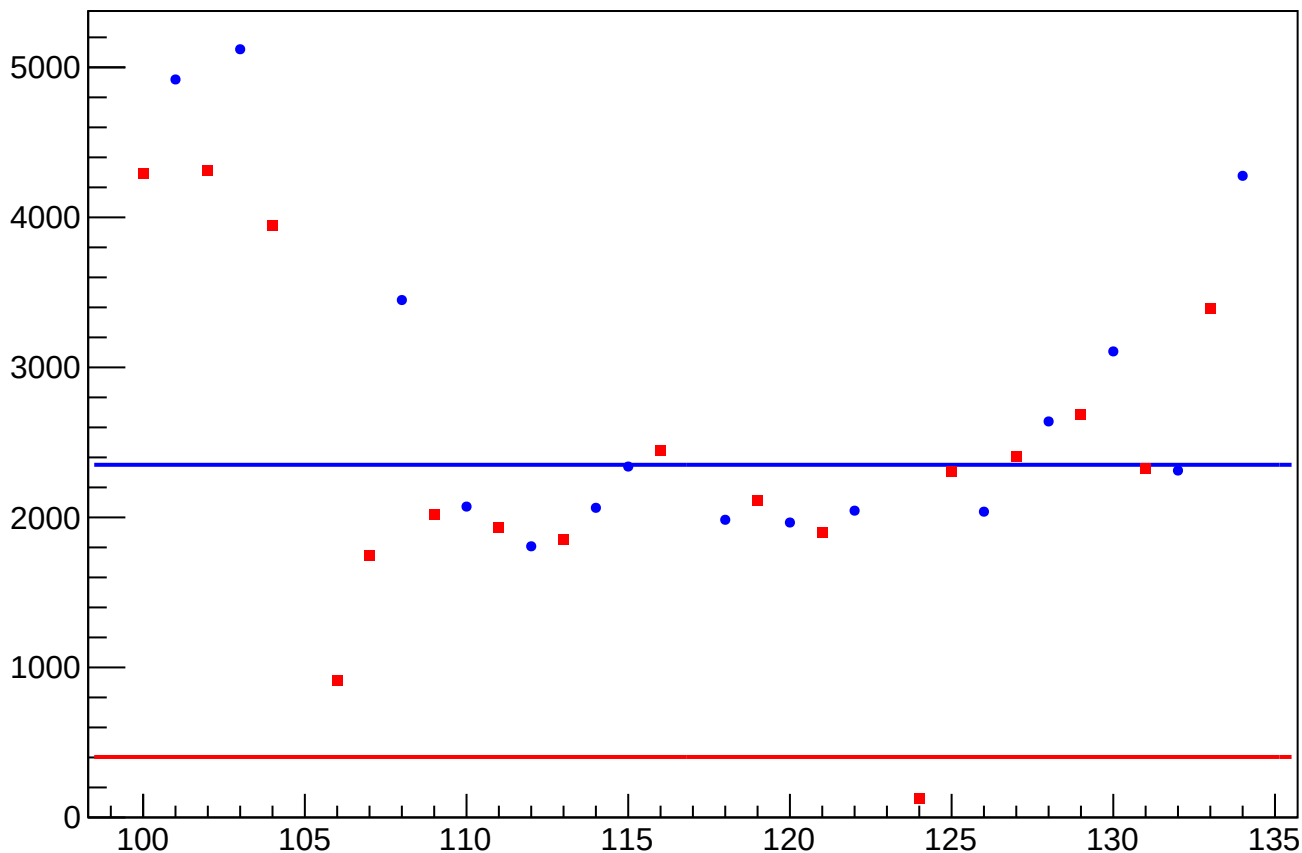
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 101.285 ± 308.305 χ^2/NDF : 31.5/31

- 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

Right Out: 403.136 $\pm$ 0.229 χ^2 /NDF: 9923950.3/16

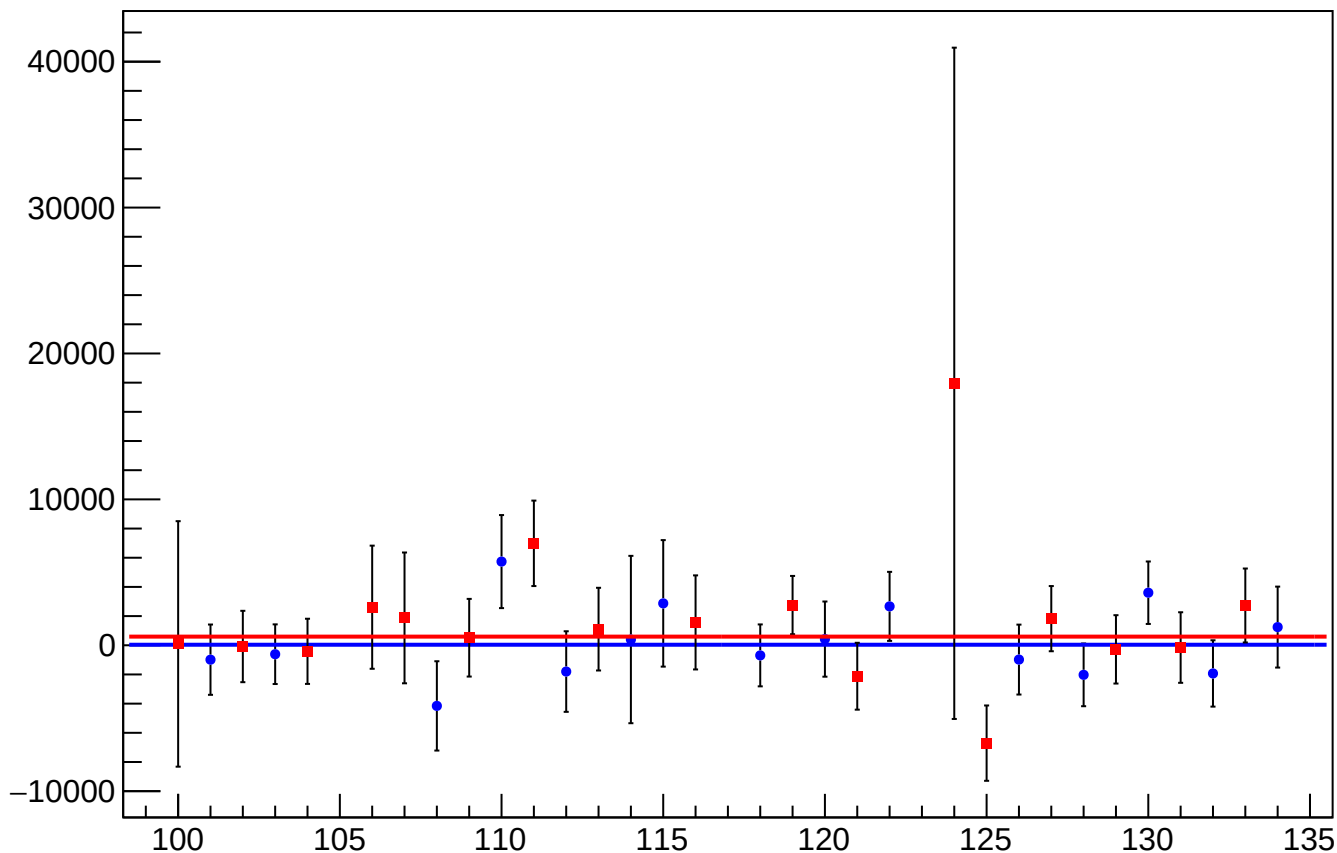
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 592.805 $\pm$ 0.218 χ^2 /NDF: 18129109.5/3

- sign 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: 593.396+/-663.964 χ^2/NDF : 17.9/16

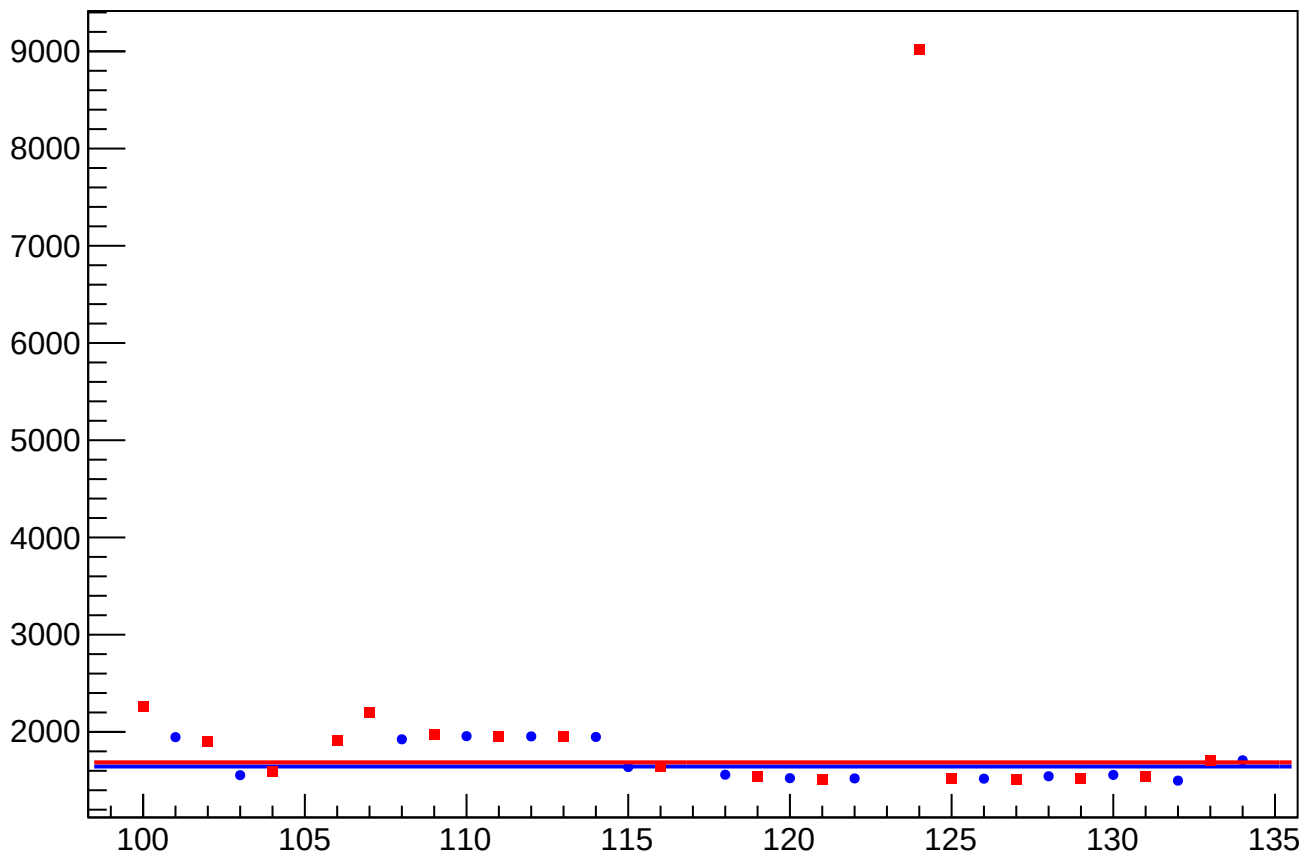
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.110+/-467.103 χ^2/NDF : 30.7/31

- 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

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

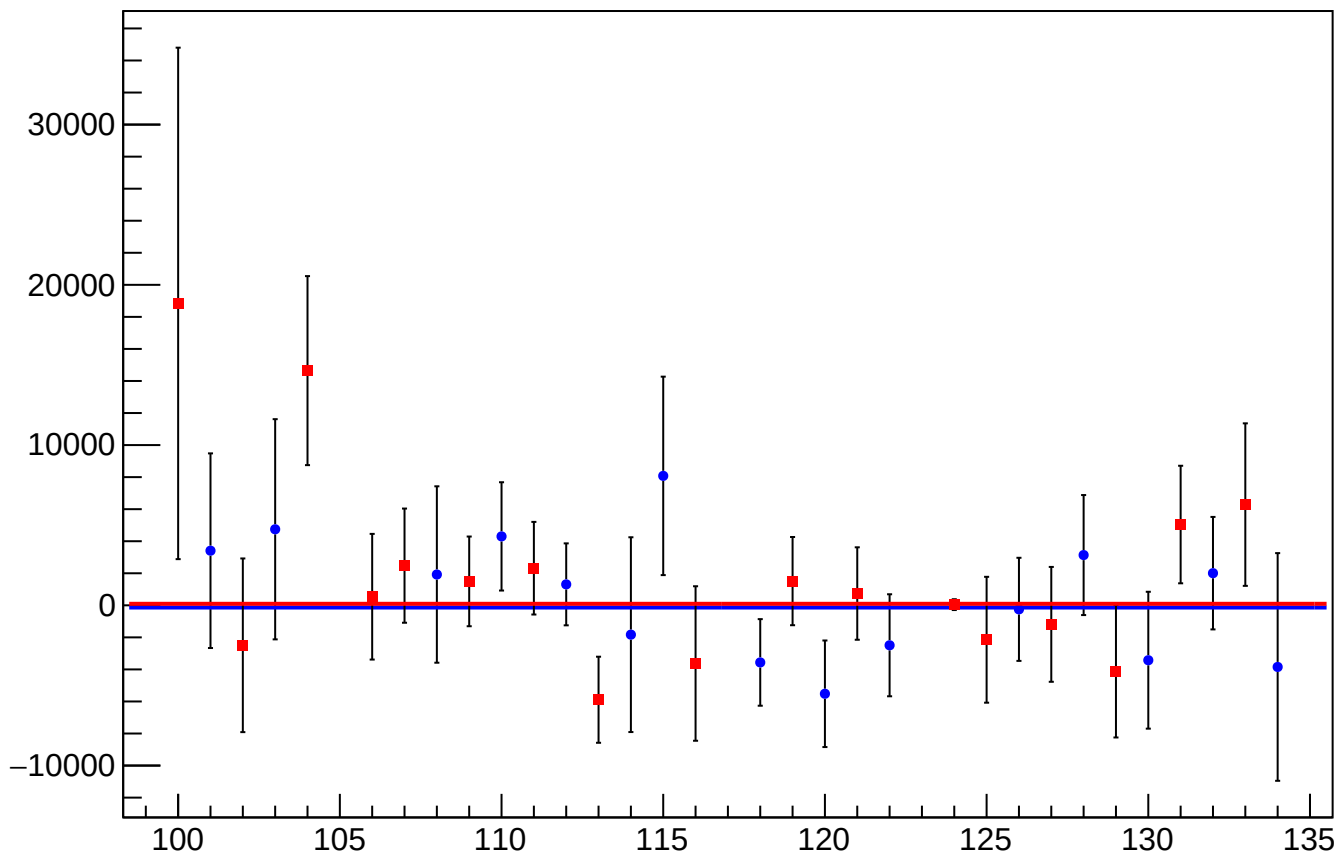
Right Out: 1687.059 $\pm$ 0.467 χ^2 /NDF: 383295.3/16

All: 1665.529 $\pm$ 0.330 χ^2 /NDF: 524542.9/31

- 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_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: 94.831+/-316.496 χ^2/NDF : 19.7/16

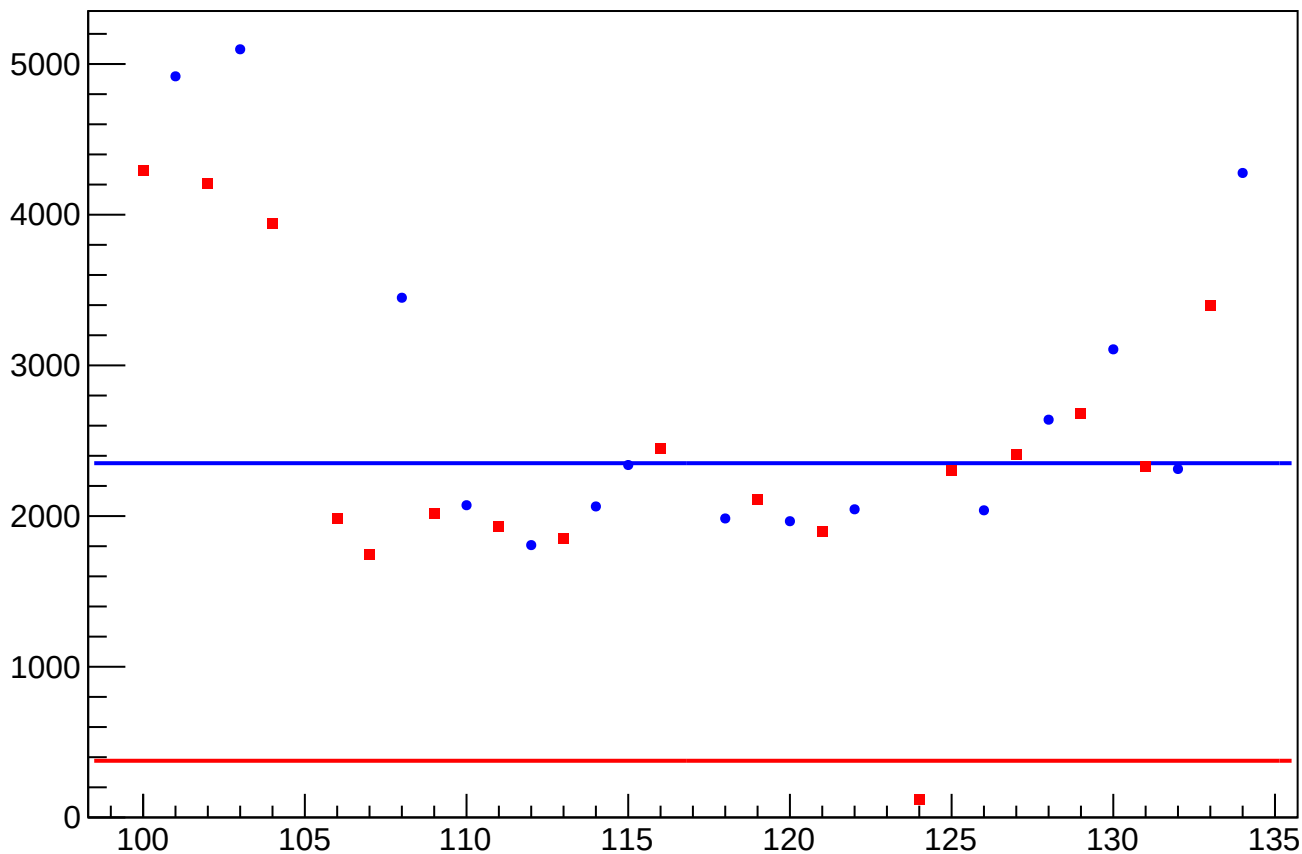
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.218+/-301.404 χ^2/NDF : 31.4/31

- 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

Right Out: 376.217 $\pm$ 0.224 χ^2 /NDF: 10250095.0/16

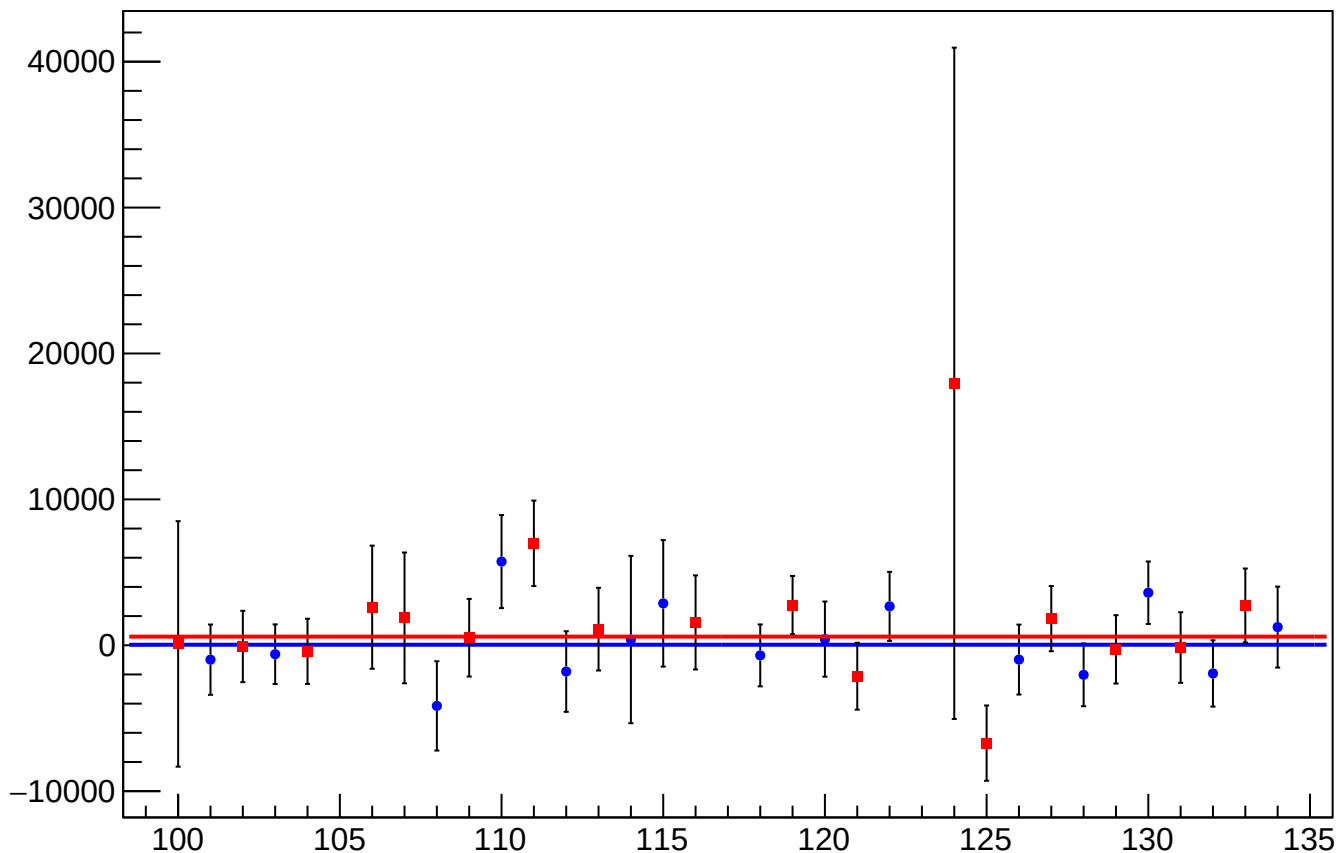
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 560.061 $\pm$ 0.213 χ^2 /NDF: 18686476.8/31

- sign 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: 593.396+/-663.964 χ^2/NDF : 17.9/16

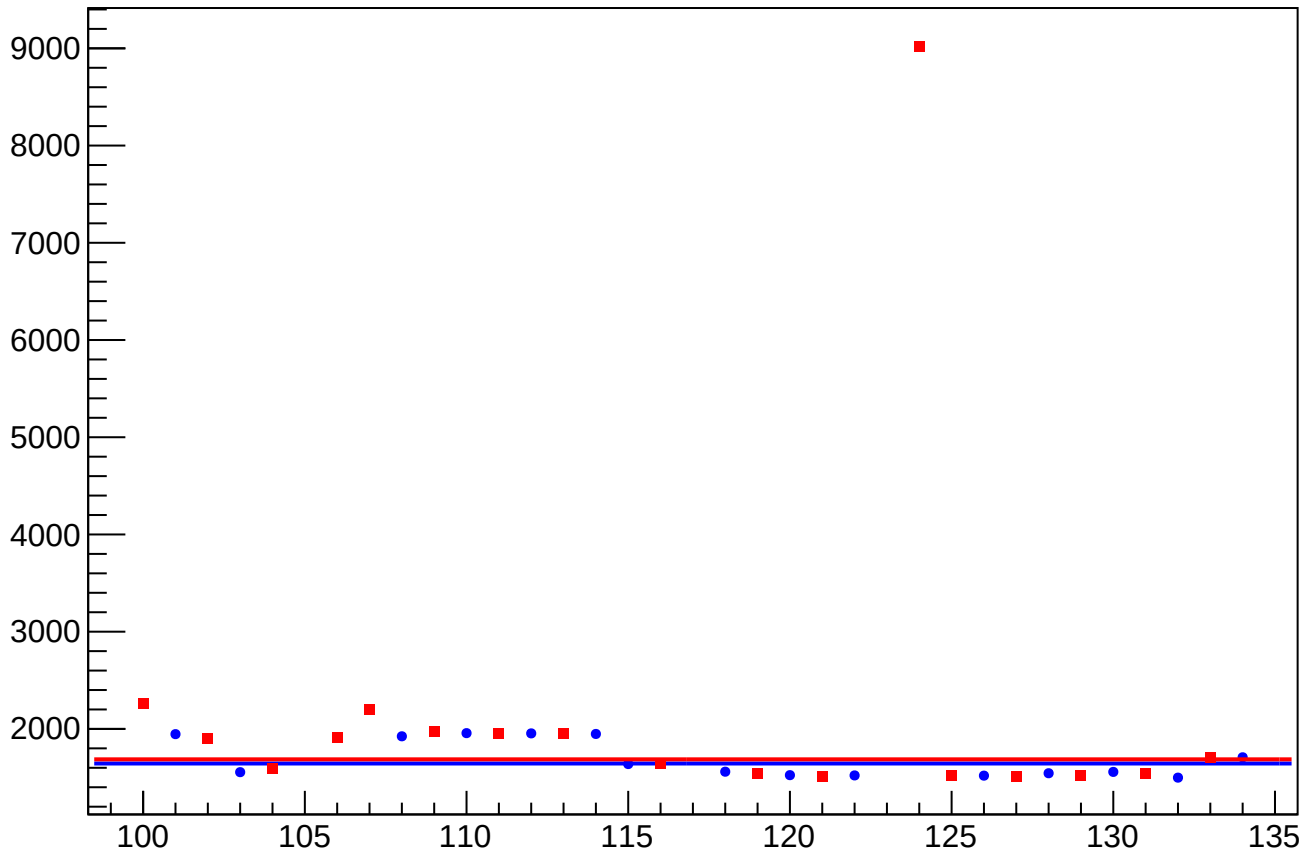
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.110+/-467.103 χ^2/NDF : 30.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

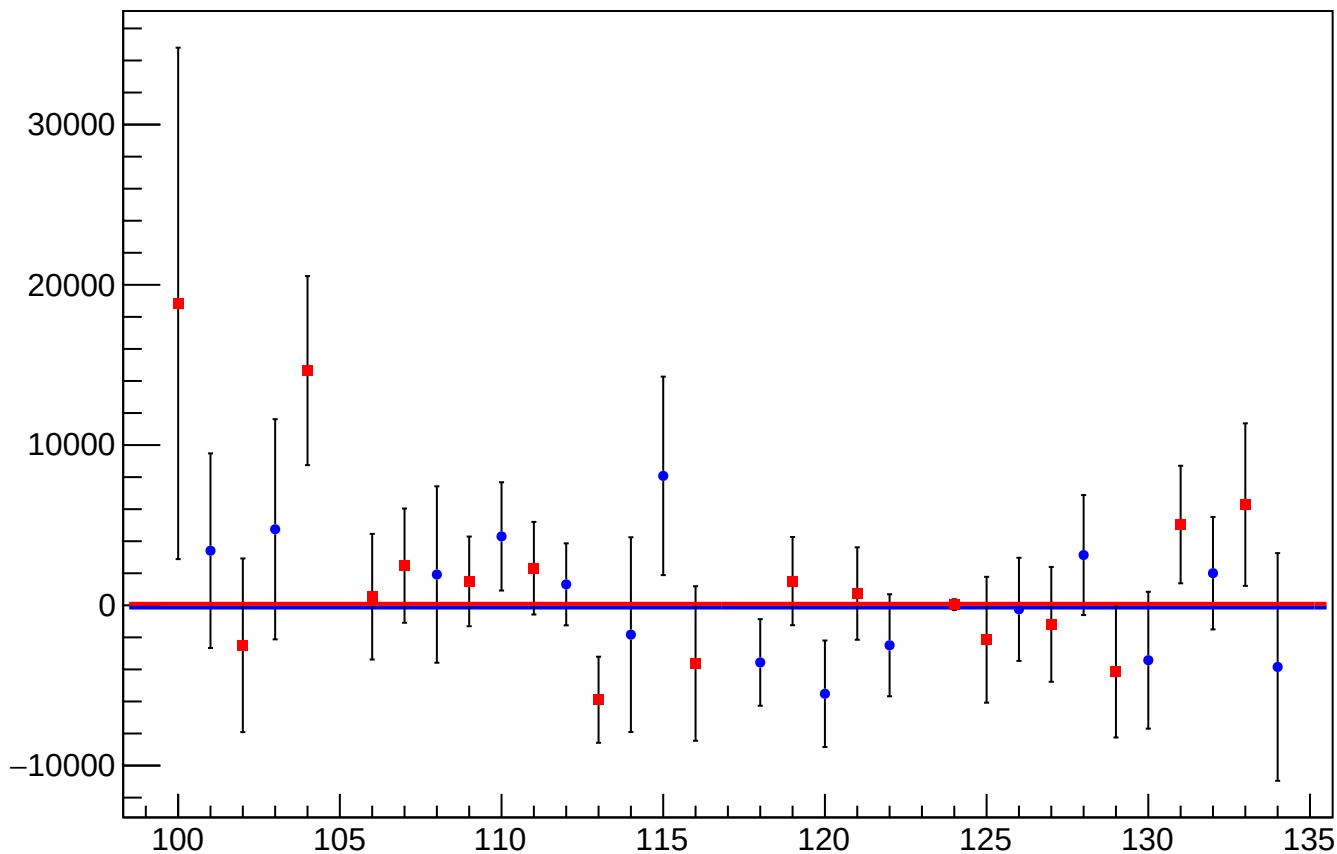
Right Out: 1687.059+/-0.467 χ^2/NDF : 383295.3/16

All: 1665.529+/-0.330 χ^2/NDF : 524542.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_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: 94.831+/-316.496 χ^2/NDF : 19.7/16

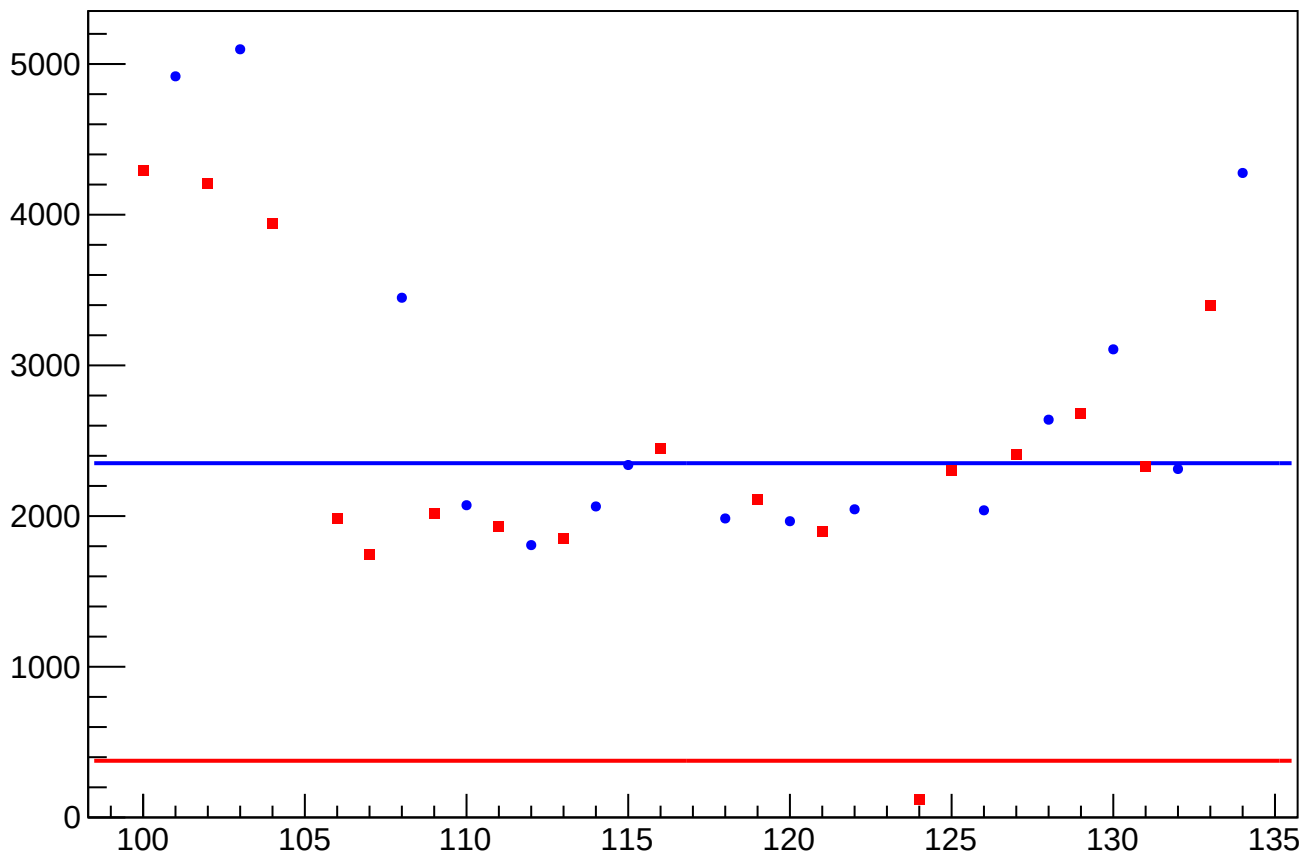
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.218+/-301.404 χ^2/NDF : 31.4/31

- 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

Right Out: 376.217 $\pm$ 0.224 χ^2 /NDF: 10250095.0/16

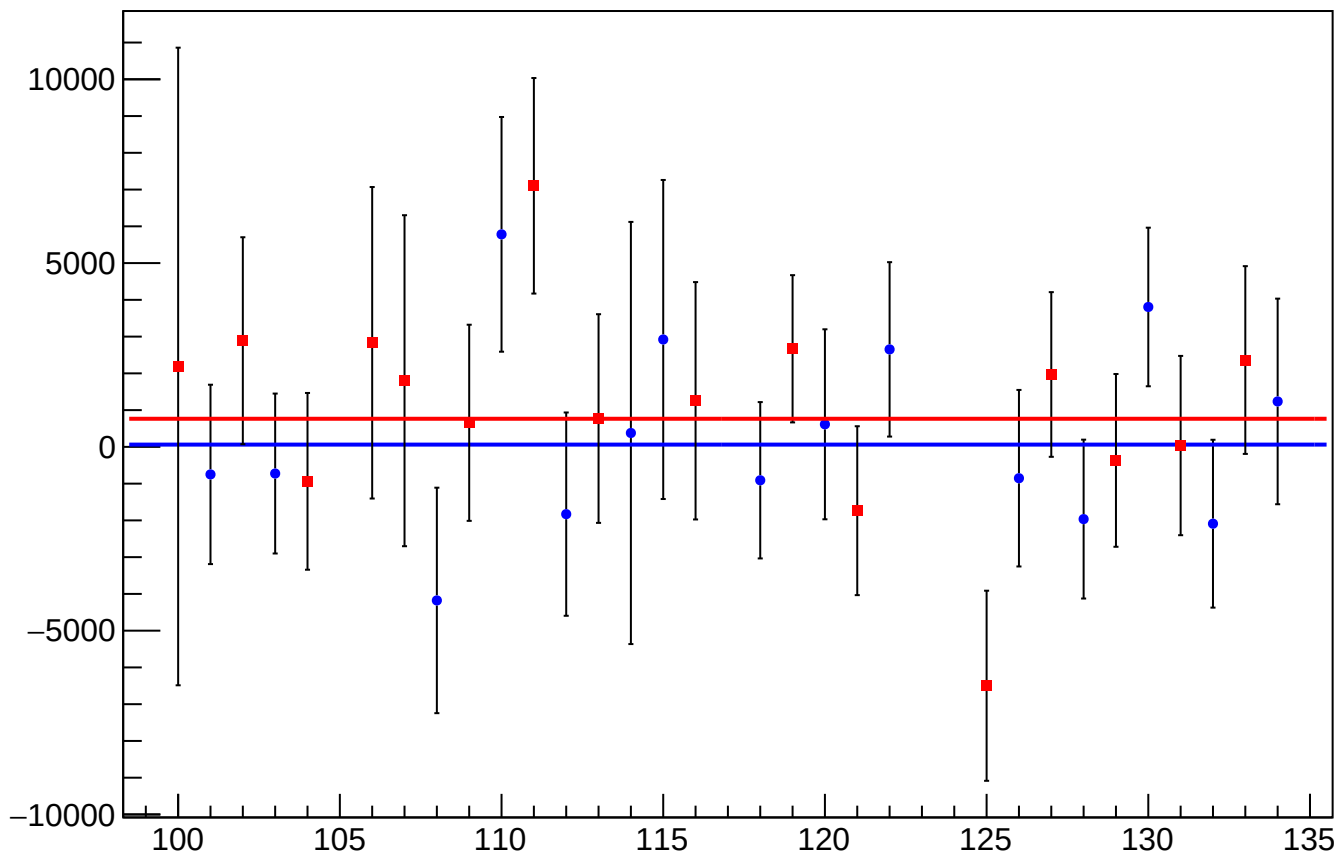
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 560.061 $\pm$ 0.213 χ^2 /NDF: 18686476.8/3

- sign 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: 764.763 $\pm$ 676.602 χ^2 /NDF: 17.1/15

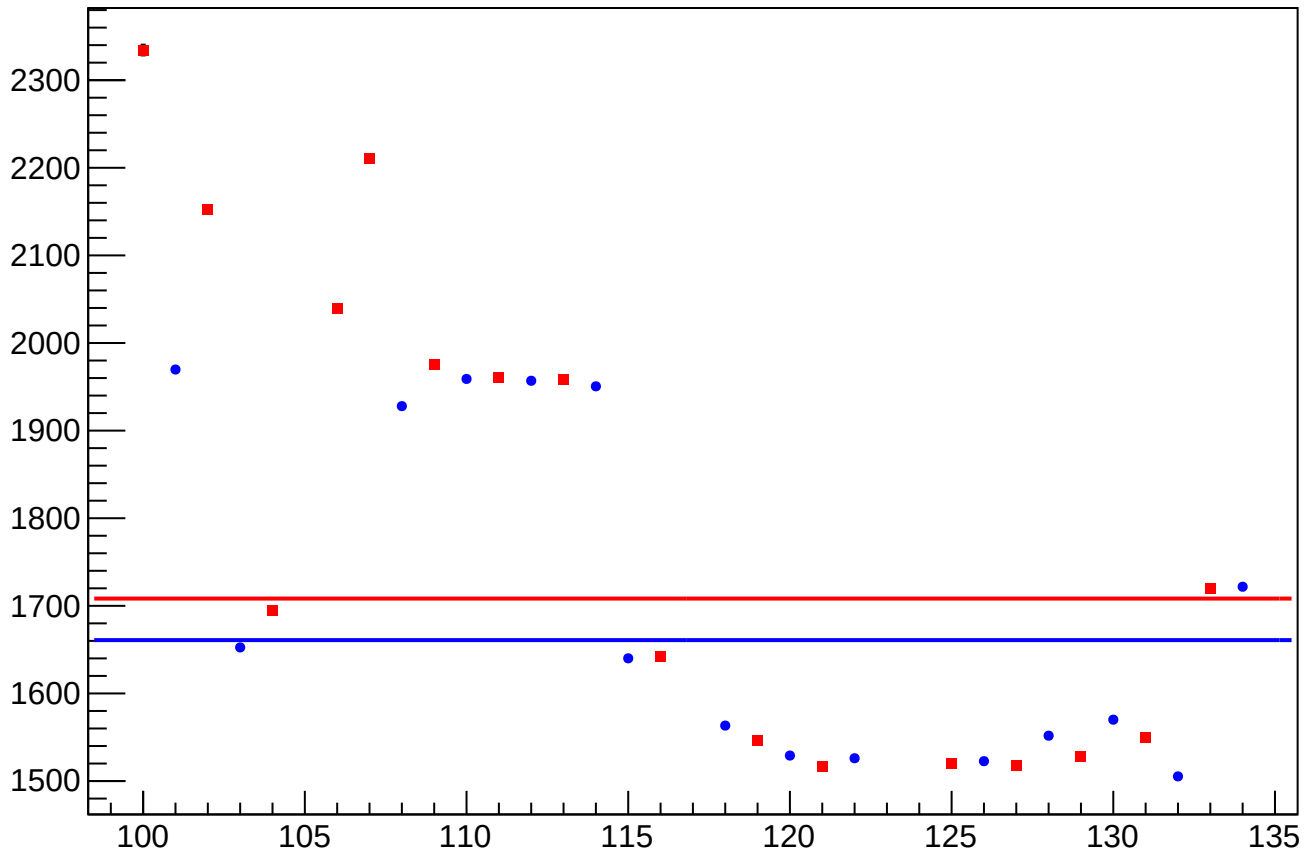
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 406.680 $\pm$ 473.892 χ^2 /NDF: 30.4/30

- 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

Right Out: 1708.295+/-0.477 χ^2/NDF : 223254.3/15

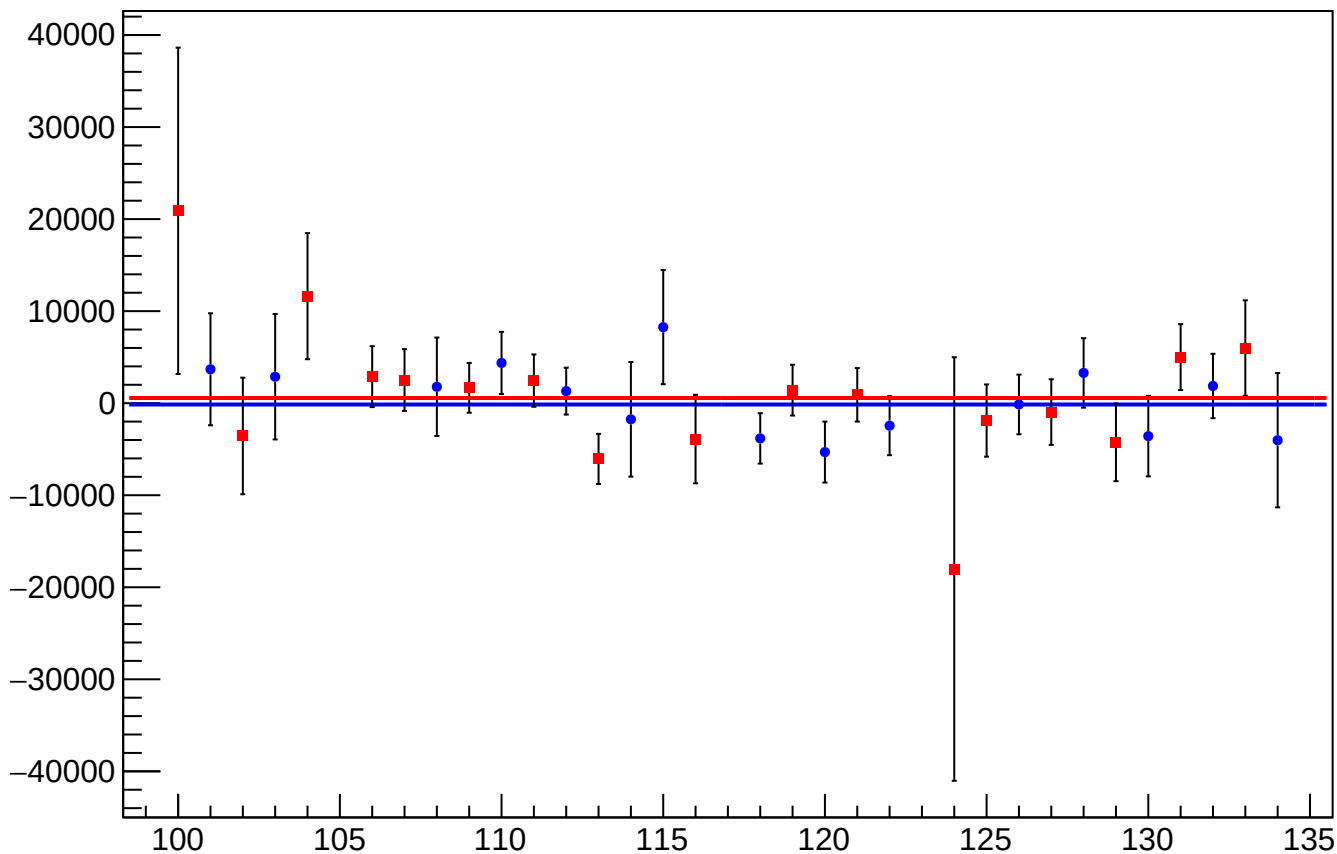
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1684.199+/-0.335 χ^2/NDF : 362370.6/30

- sign 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: 563.197+/-899.713 χ^2/NDF : 17.8/16

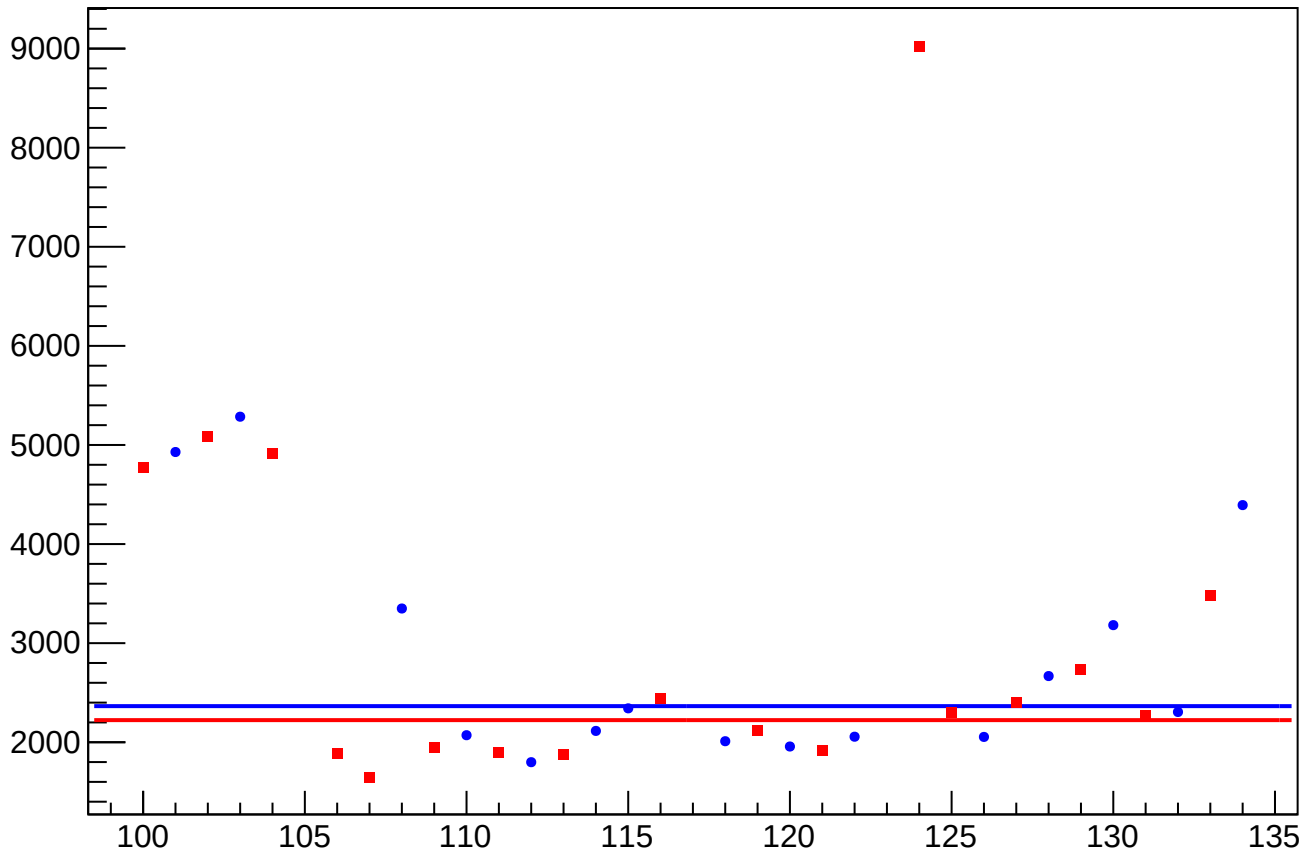
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 244.127+/-666.249 χ^2/NDF : 29.7/31

- 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

Right Out: 2223.237+/-0.636 χ^2/NDF : 1276475.9/16

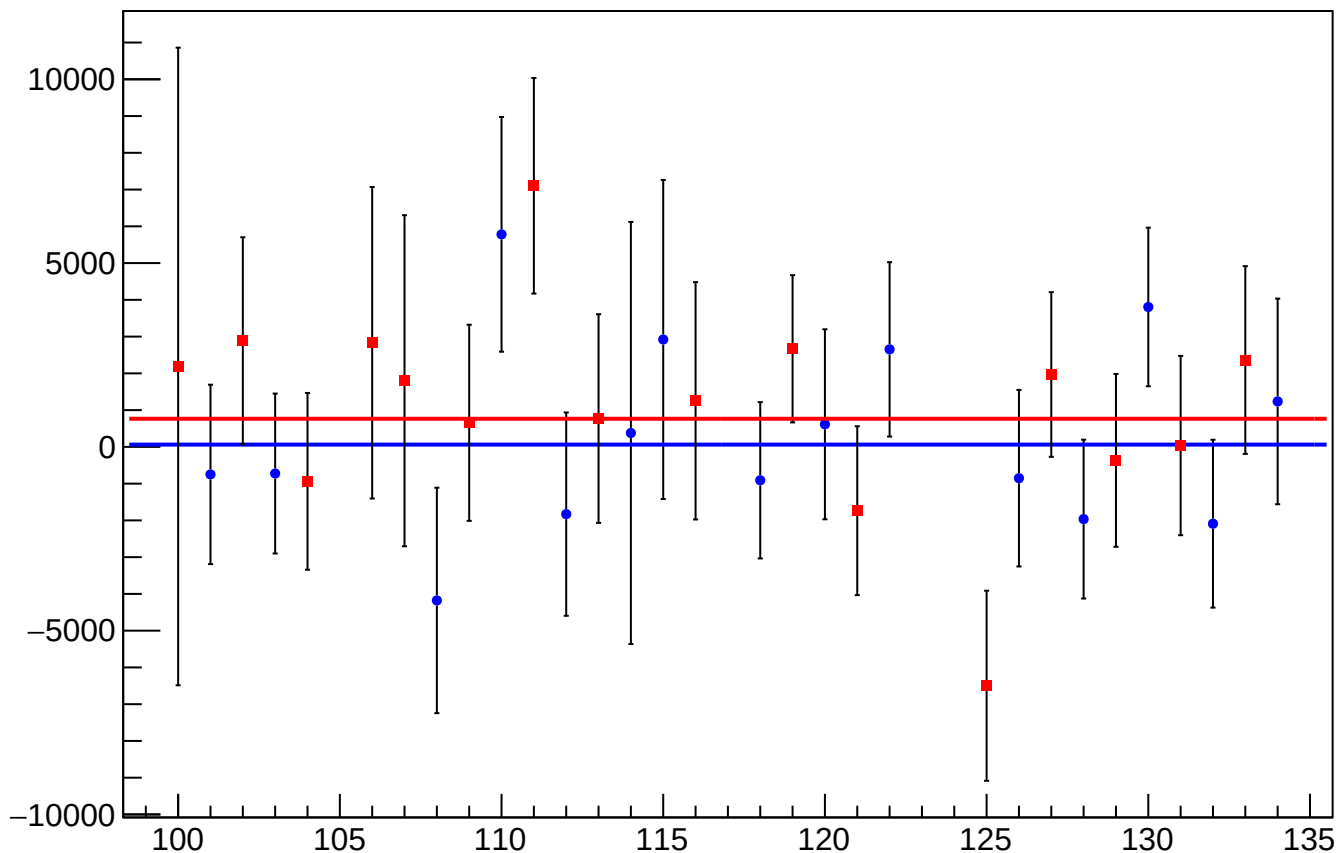
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2287.035+/-0.471 χ^2/NDF : 2545467.0/31

- sign 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: 764.766 $\pm$ 676.602 χ^2 /NDF: 17.1/15

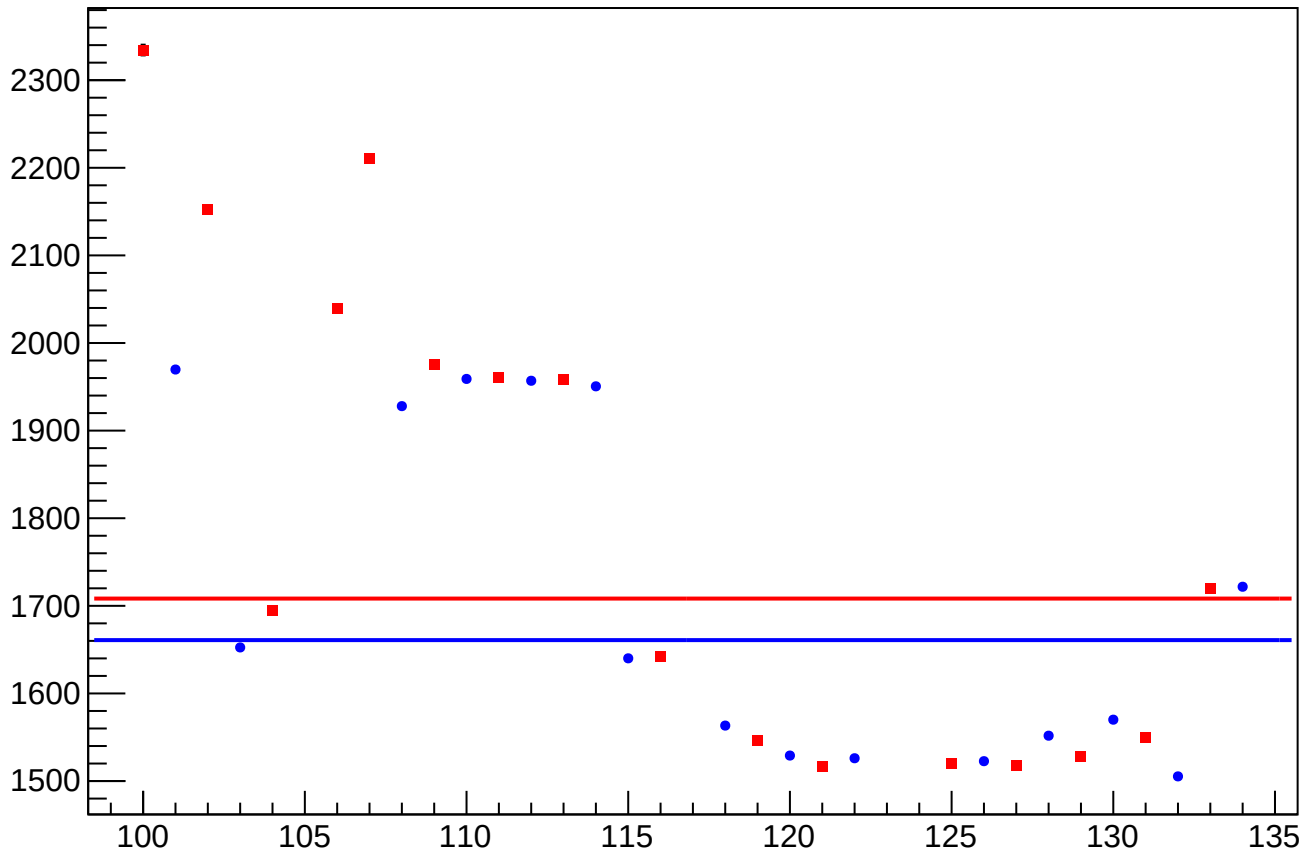
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 406.679 $\pm$ 473.892 χ^2 /NDF: 30.4/30

- 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: 1708.295+/-0.477 χ^2/NDF : 223253.5/15

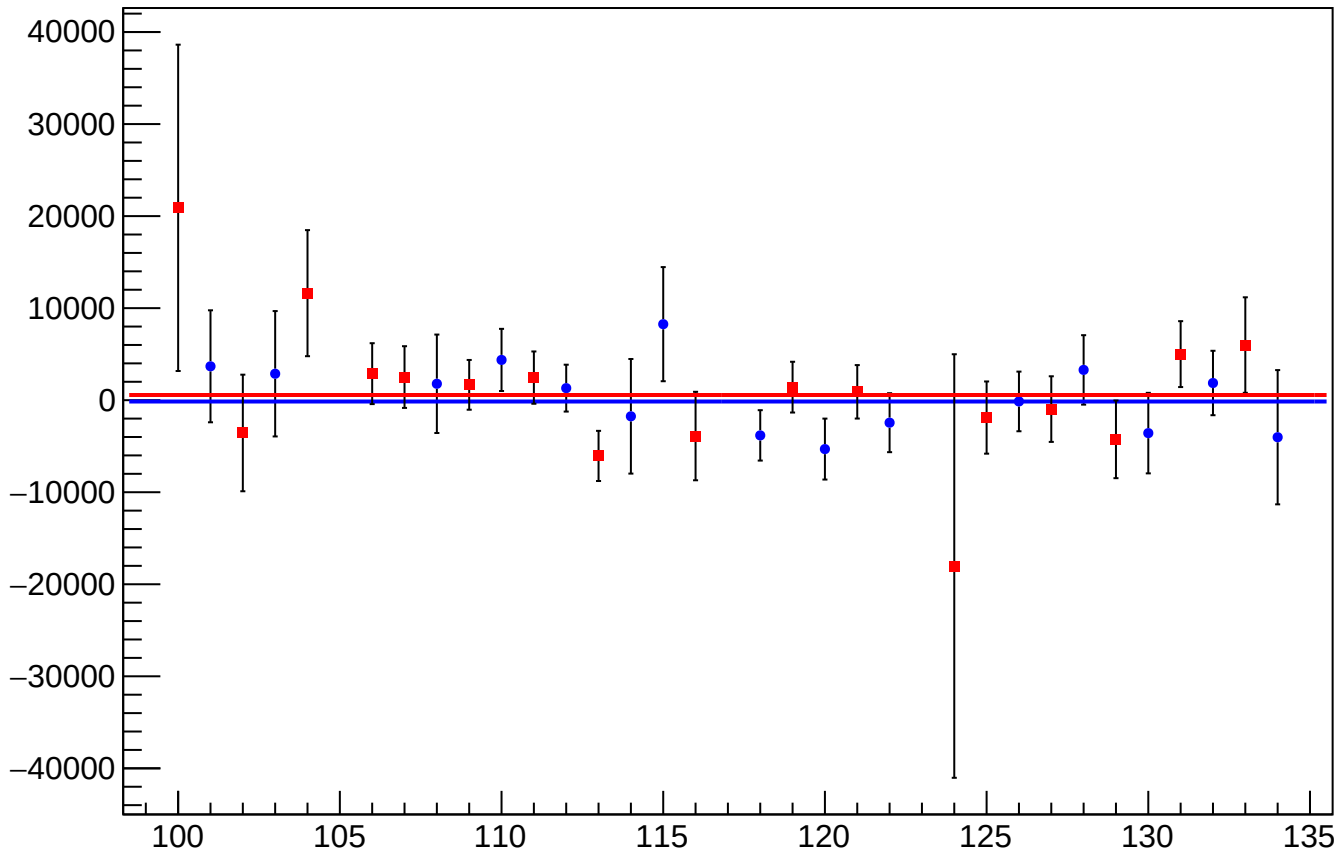
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1684.199+/-0.335 χ^2/NDF : 362369.8/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_dit_correction_mean vs Slug



Right In: -143.272 $\pm$ 991.374 χ^2 /NDF: 11.6/14

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

Right Out: 563.199 $\pm$ 899.710 χ^2 /NDF: 17.8/16

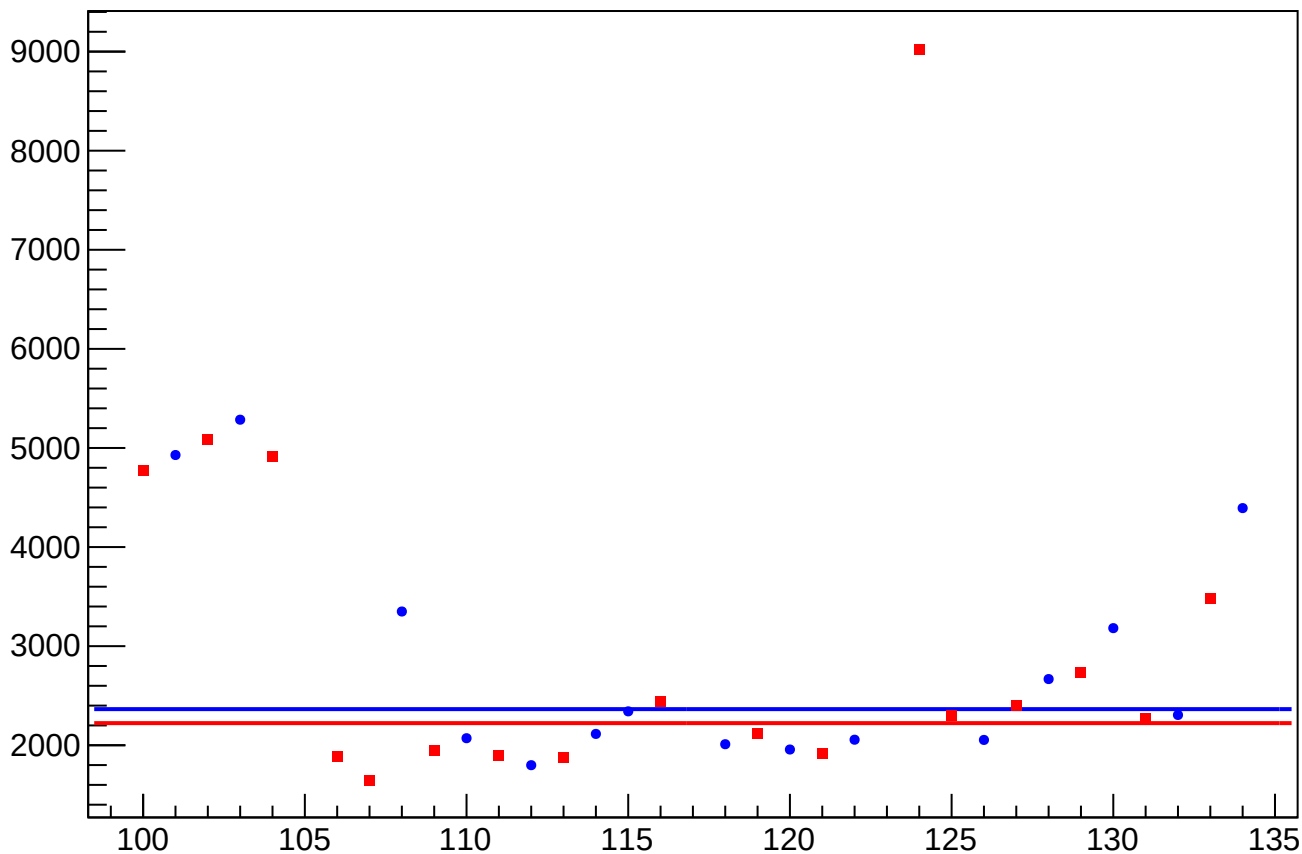
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 244.127 $\pm$ 666.246 χ^2 /NDF: 29.7/31

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

asym_atl_dd_eigen_dit_correction_rms vs Slug



Right In: 2364.484 $\pm$ 0.701 χ^2 /NDF: 1246732.9/14

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

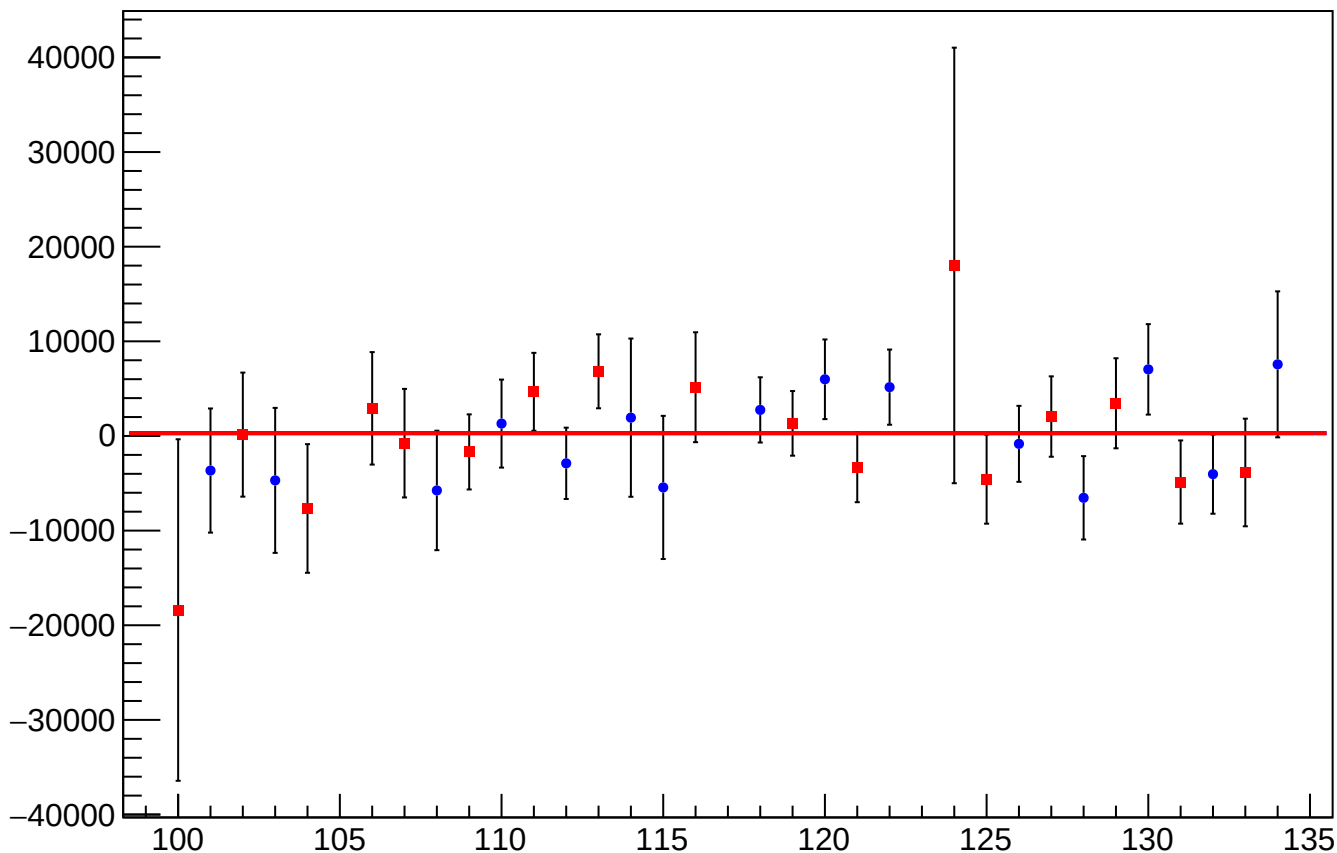
Right Out: 2223.228 $\pm$ 0.636 χ^2 /NDF: 1276480.2/16

All: 2287.025 $\pm$ 0.471 χ^2 /NDF: 2545478.3/31

- 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_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: 287.954 $\pm$ 1184.584 χ^2 /NDF: 12.8/16

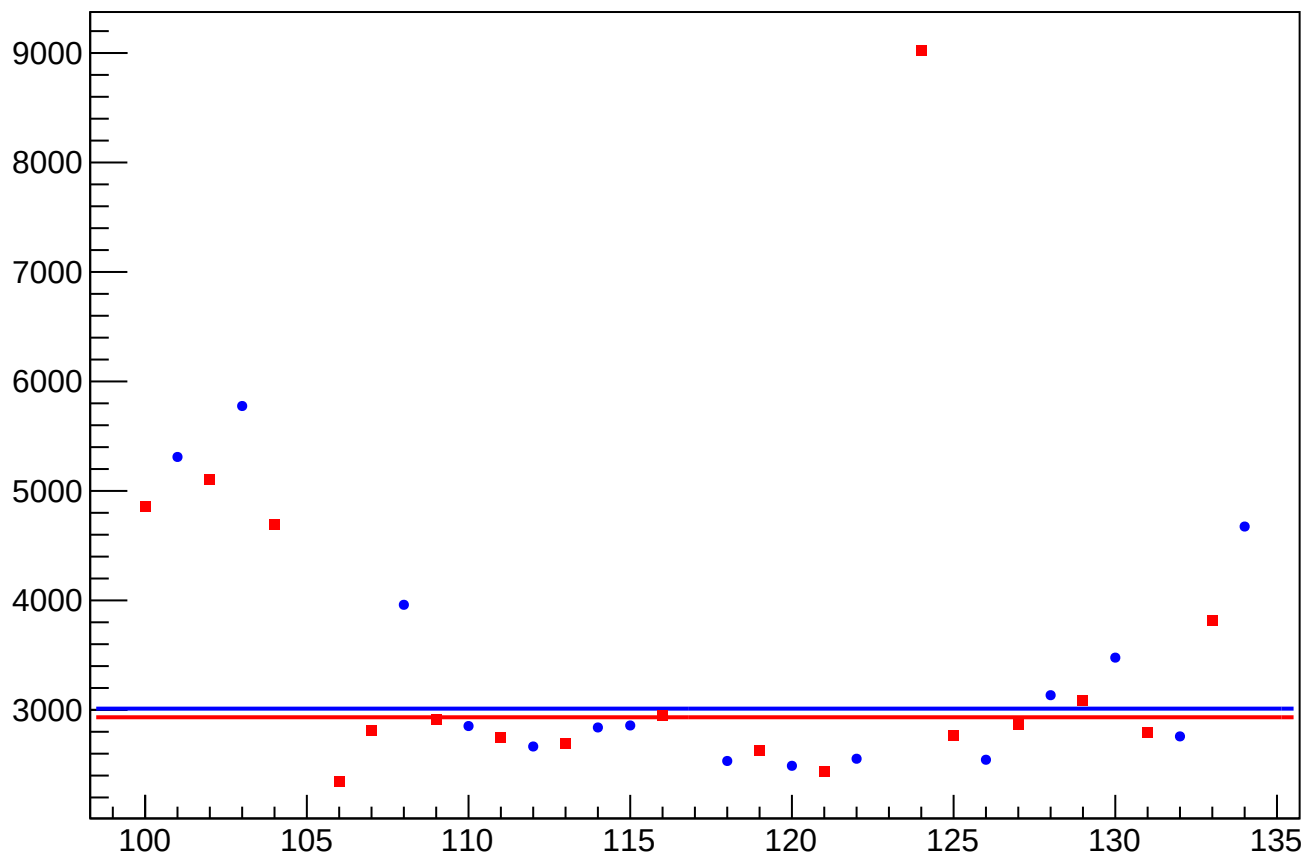
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 293.155 $\pm$ 856.902 χ^2 /NDF: 26.1/31

- 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: 2932.522+/-0.826 χ^2/NDF : 670040.0/16

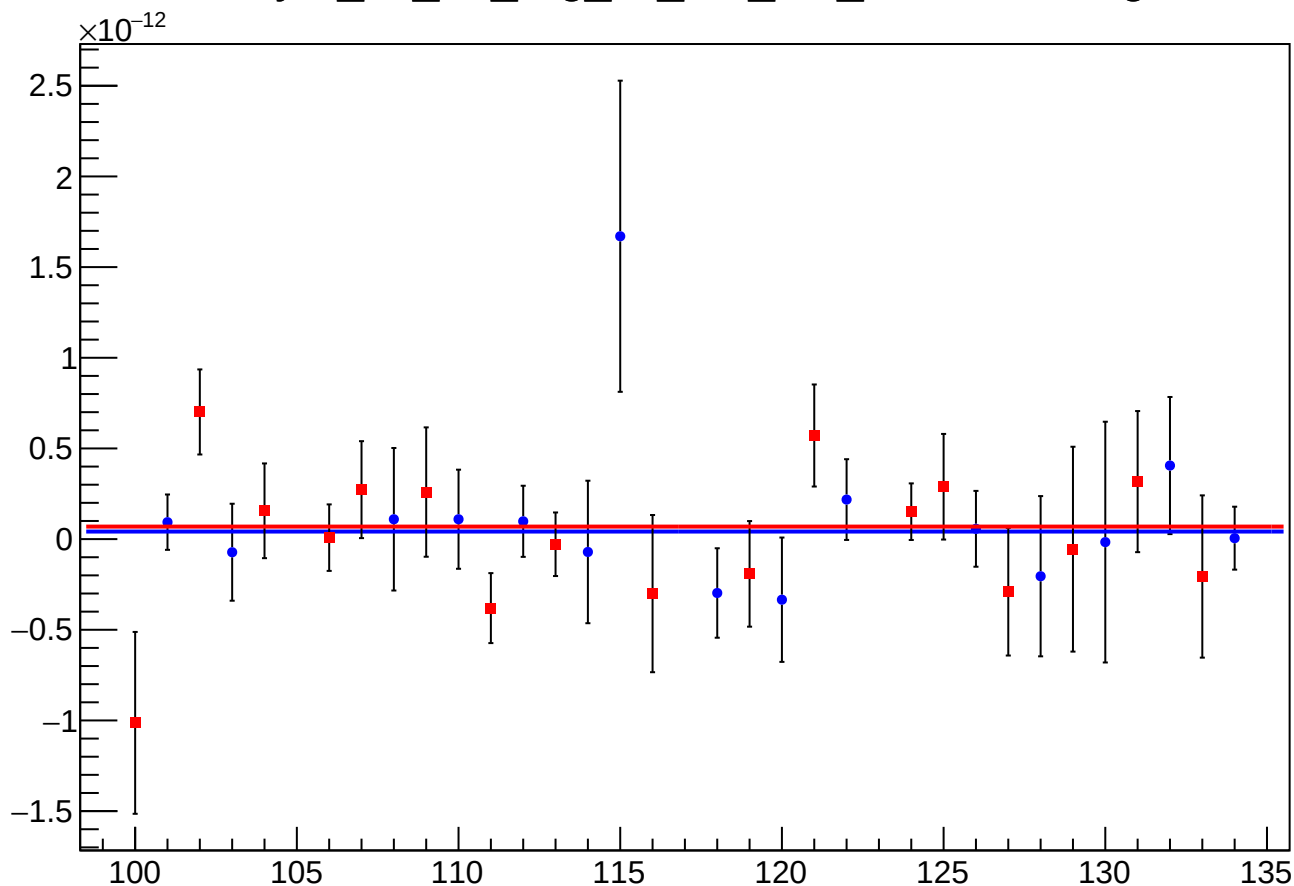
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2969.567+/-0.601 χ^2/NDF : 1490363.1/31

- 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 ± 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 : 26.2/16

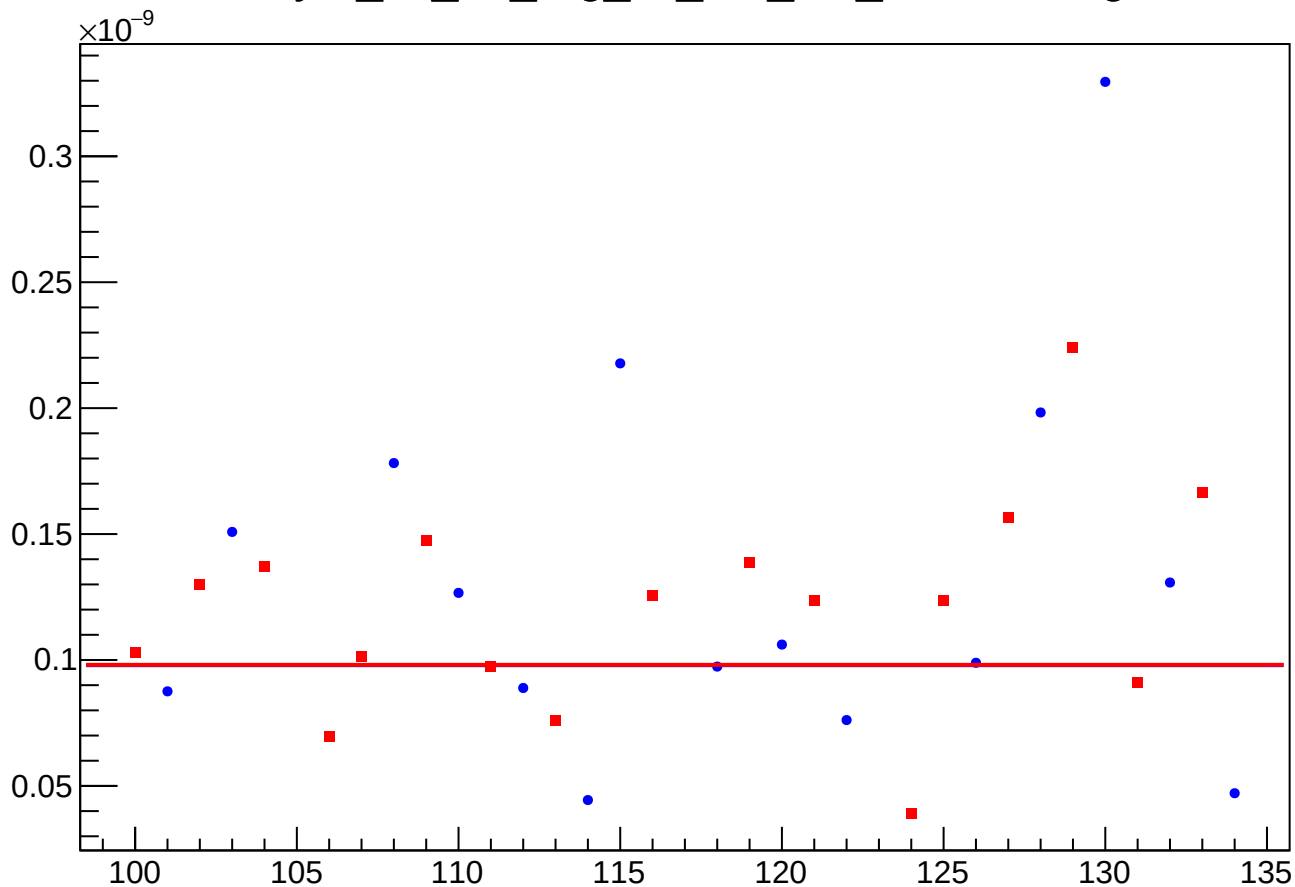
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 35.4/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 827185.3/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 768421.7/16

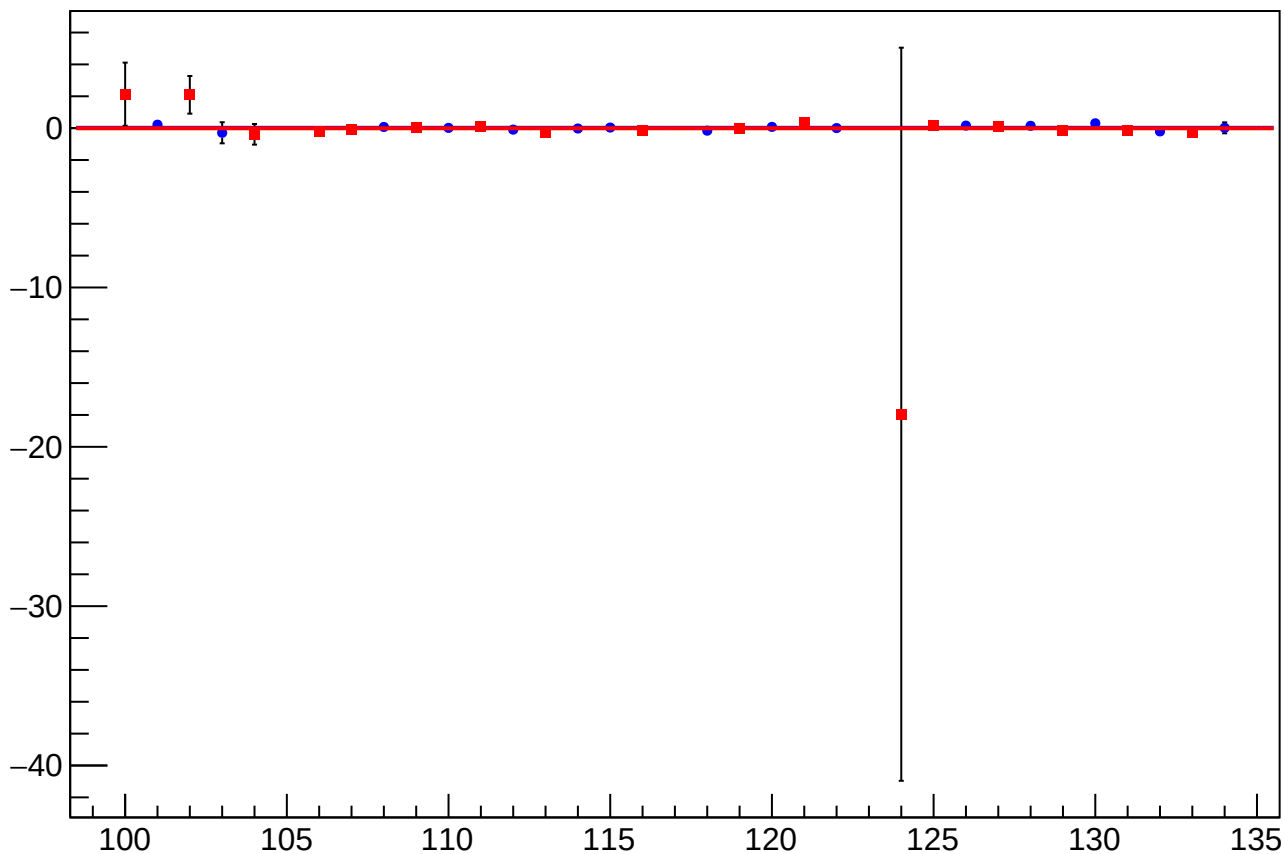
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1595610.3/31

- sign 0.000+/-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: -0.008 $\pm$ 0.044 χ^2 /NDF: 21.5/16

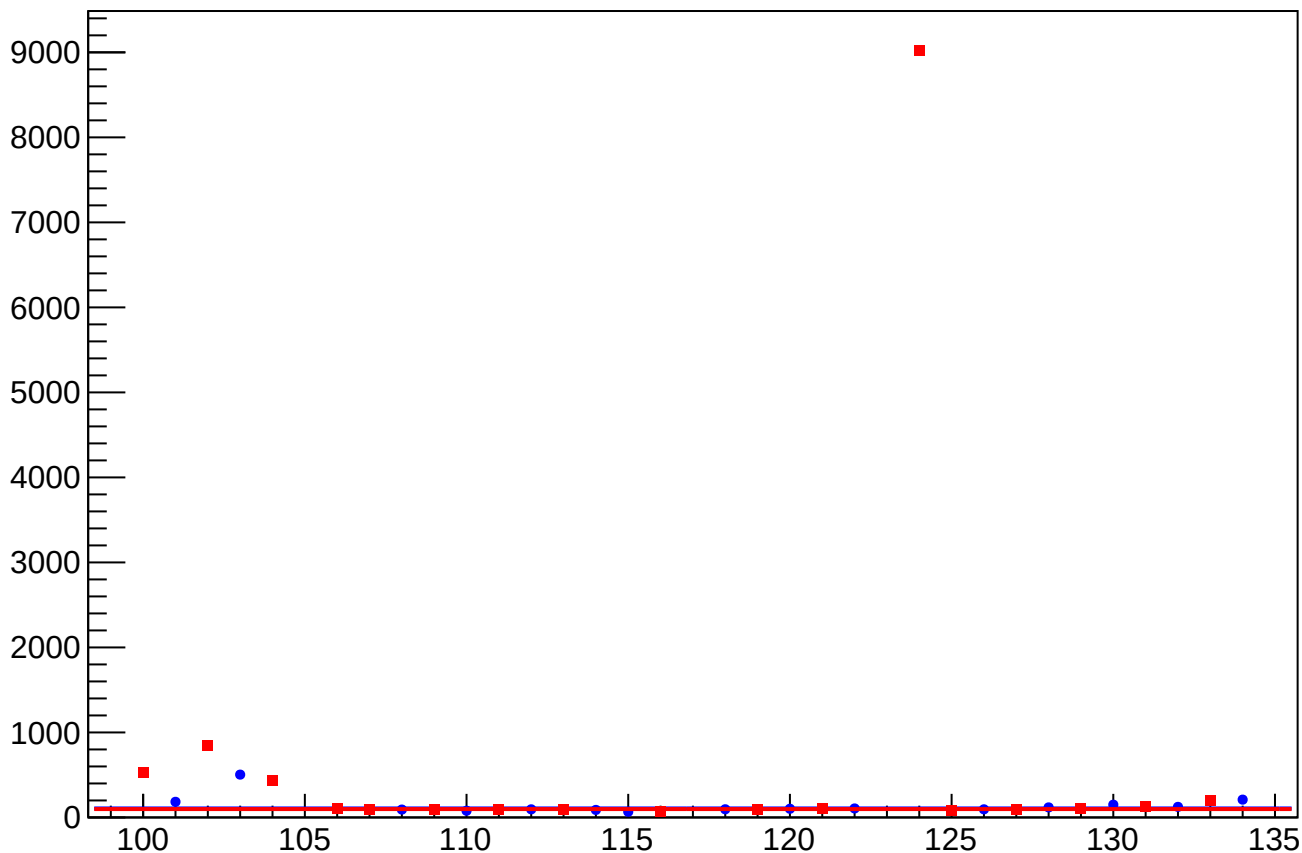
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.005 $\pm$ 0.032 χ^2 /NDF: 29.7/31

- 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: 98.675 $\pm$ 0.031 χ^2 /NDF: 2093482.8/16

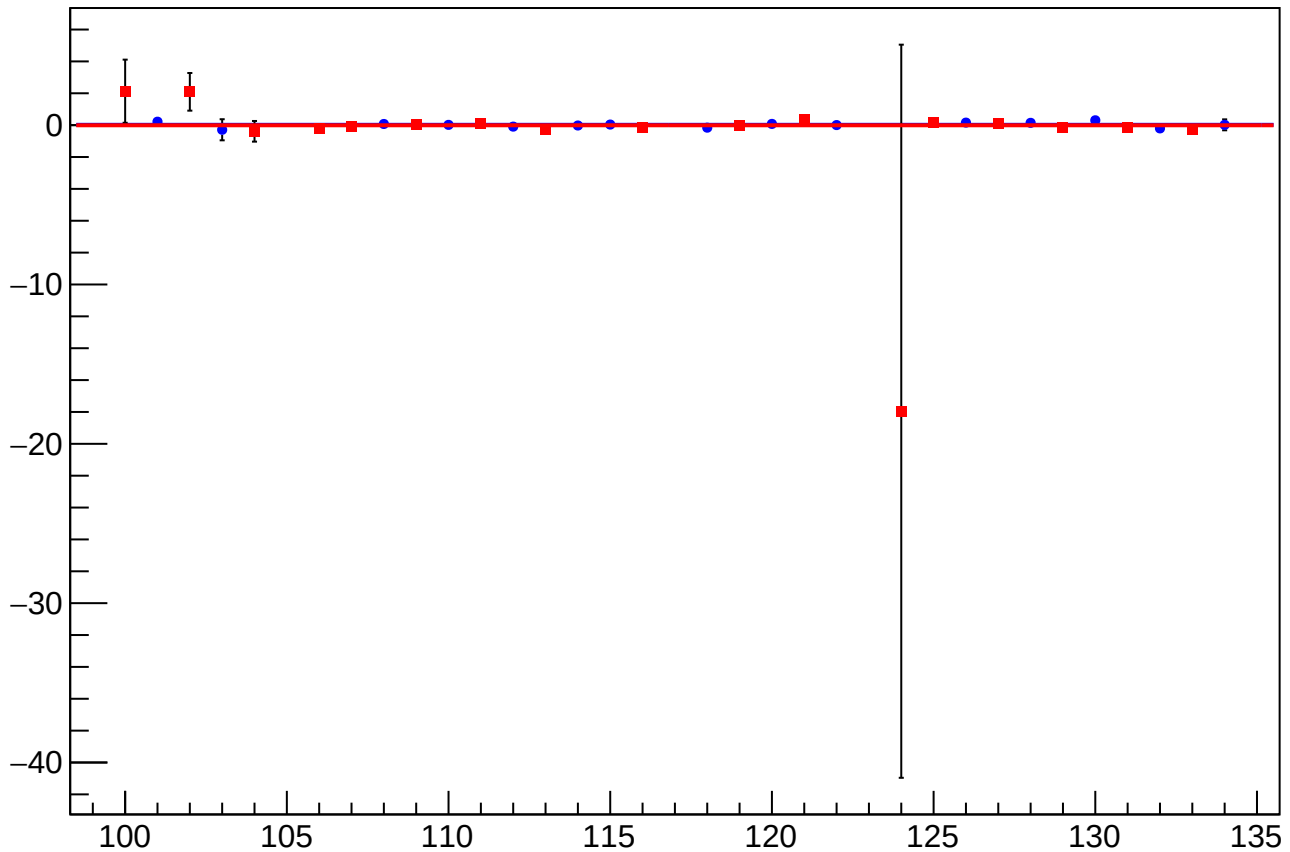
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 102.049 $\pm$ 0.022 χ^2 /NDF: 3582614.6/31

- 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: -0.008 $\pm$ 0.044 χ^2 /NDF: 21.5/16

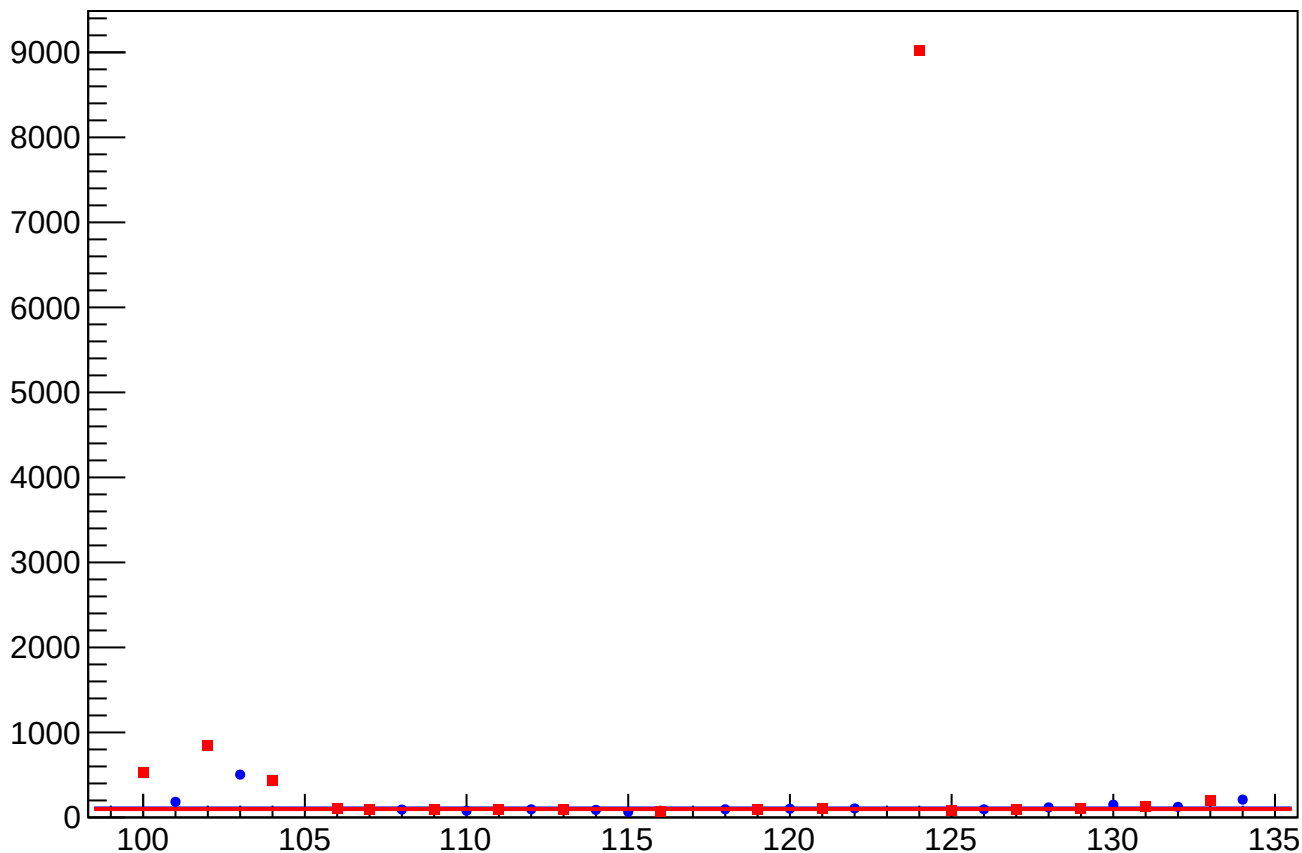
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.005 $\pm$ 0.032 χ^2 /NDF: 29.7/31

- 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 $\pm$ 0.033 χ^2 /NDF: 1464170.8/14

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

Right Out: 98.675 $\pm$ 0.031 χ^2 /NDF: 2093482.8/16

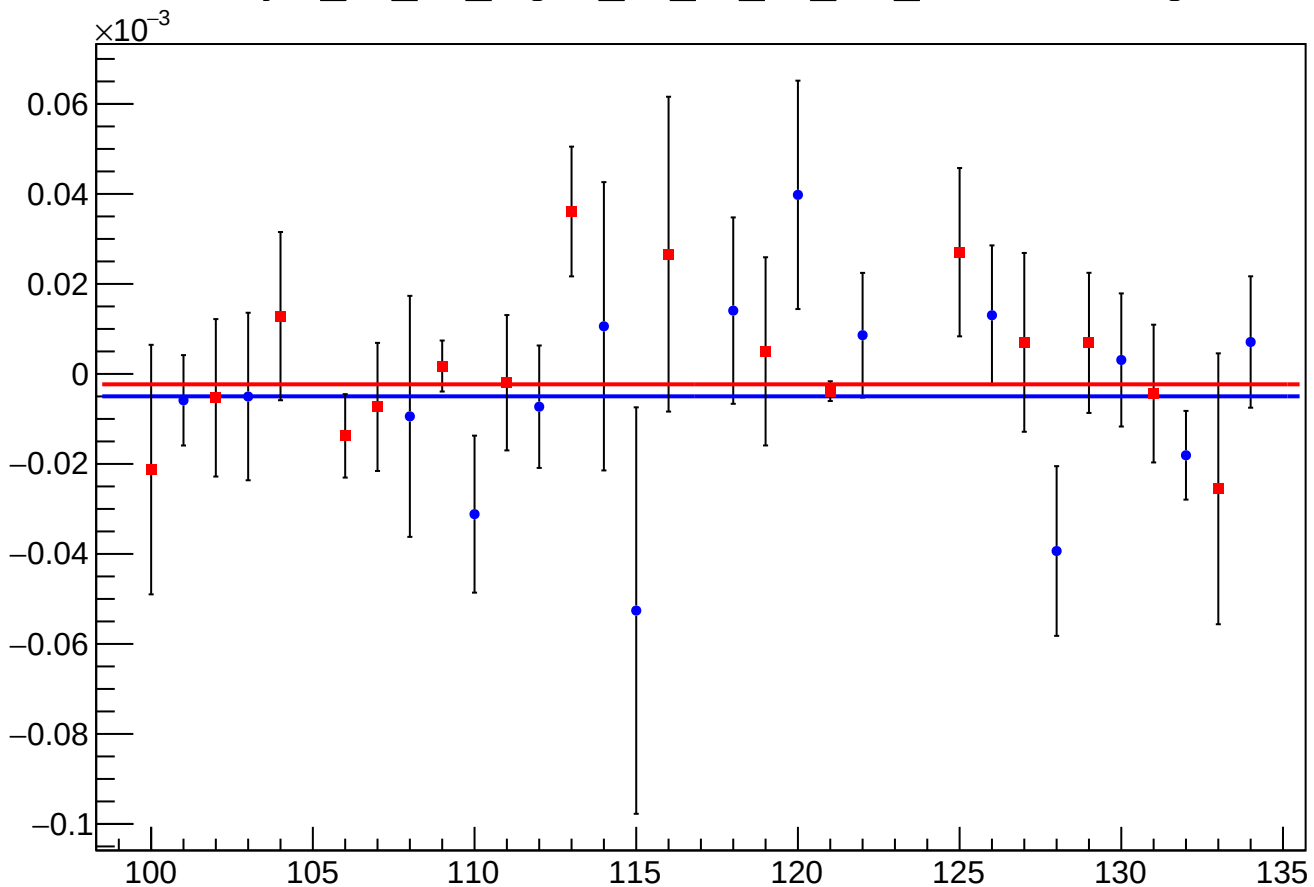
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 102.049 $\pm$ 0.022 χ^2 /NDF: 3582614.6/31

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

asym_atl_dd_eigen_dit_vs_dit_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: 15.3/15

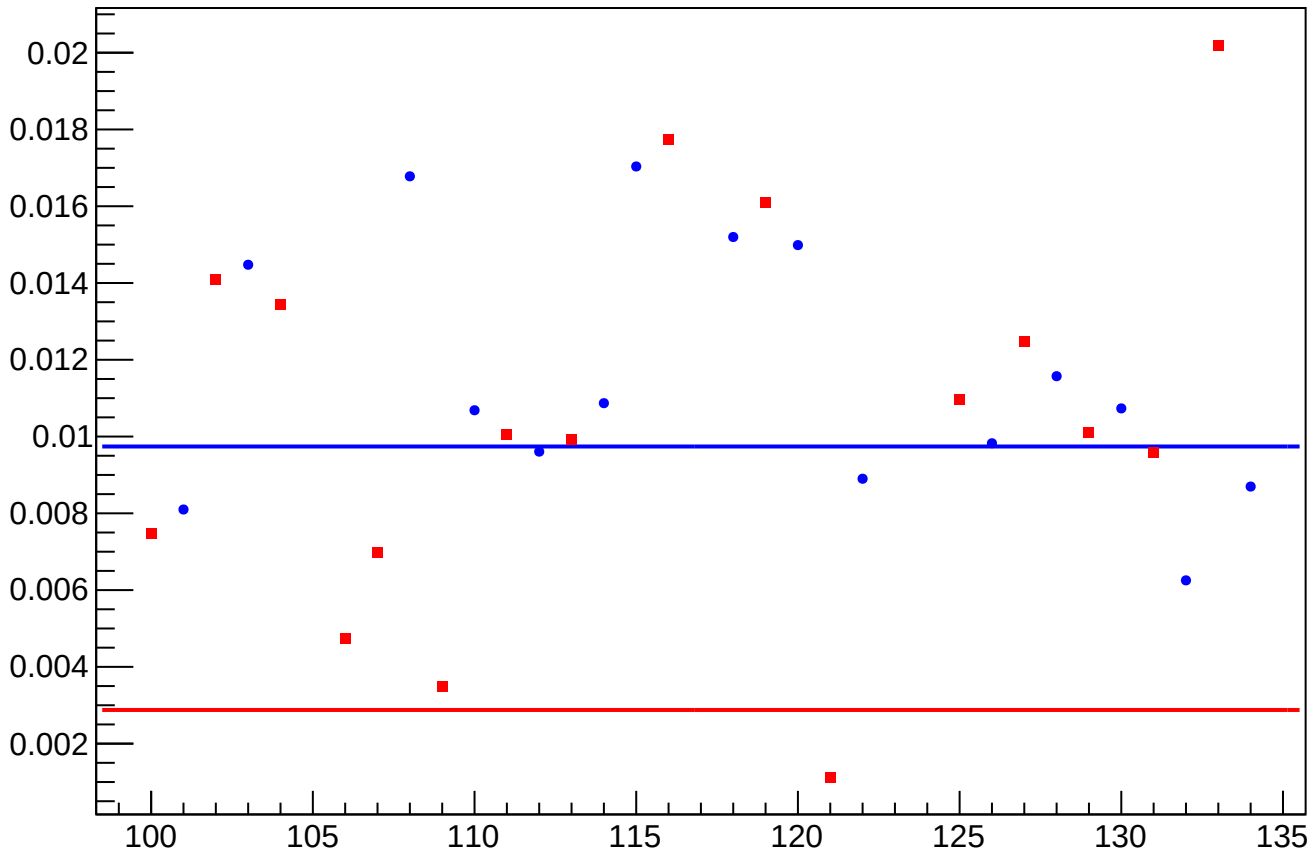
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 31.7/30

- sign 0.000 $\pm$ 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 : 7489866.2/15

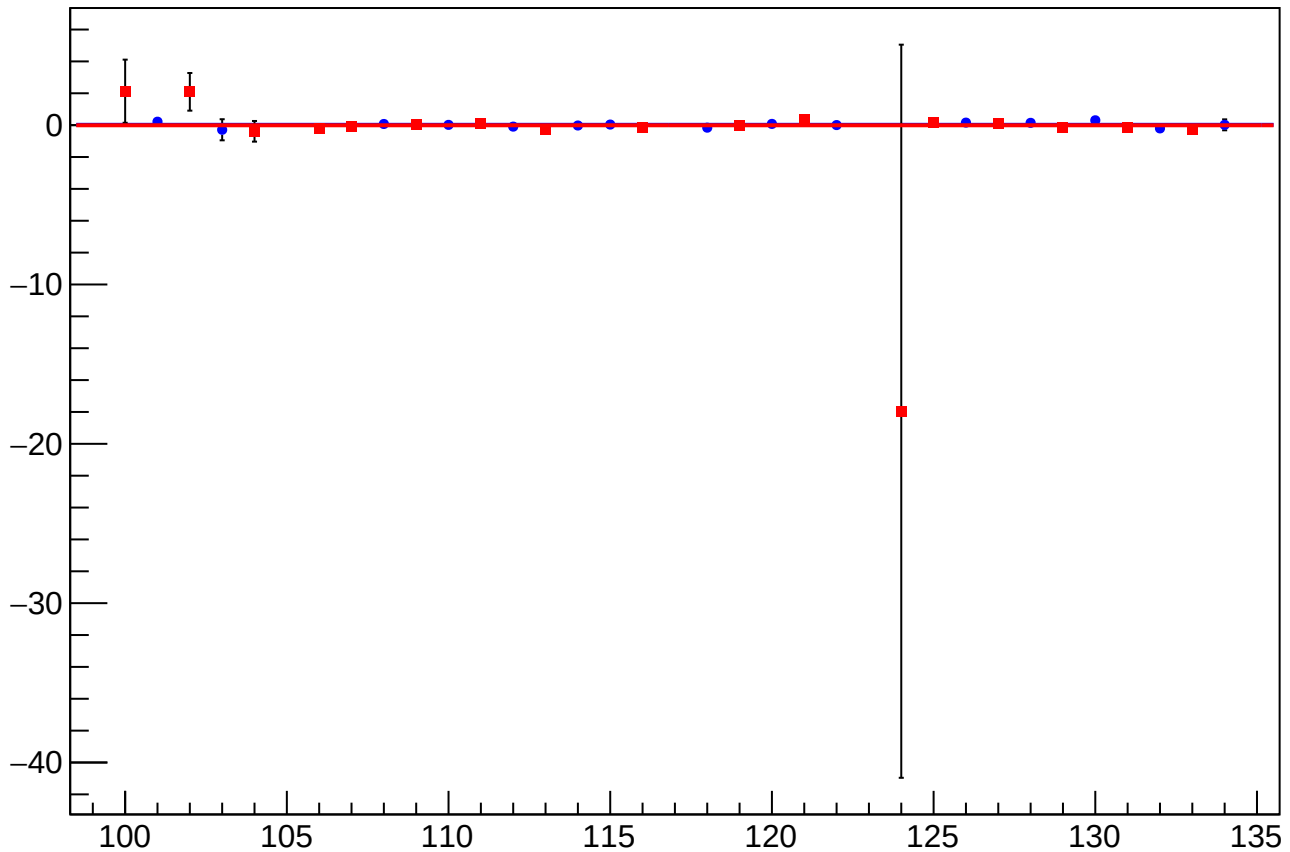
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 13074383.3/30

- 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: -0.008 $\pm$ 0.044 χ^2 /NDF: 21.5/16

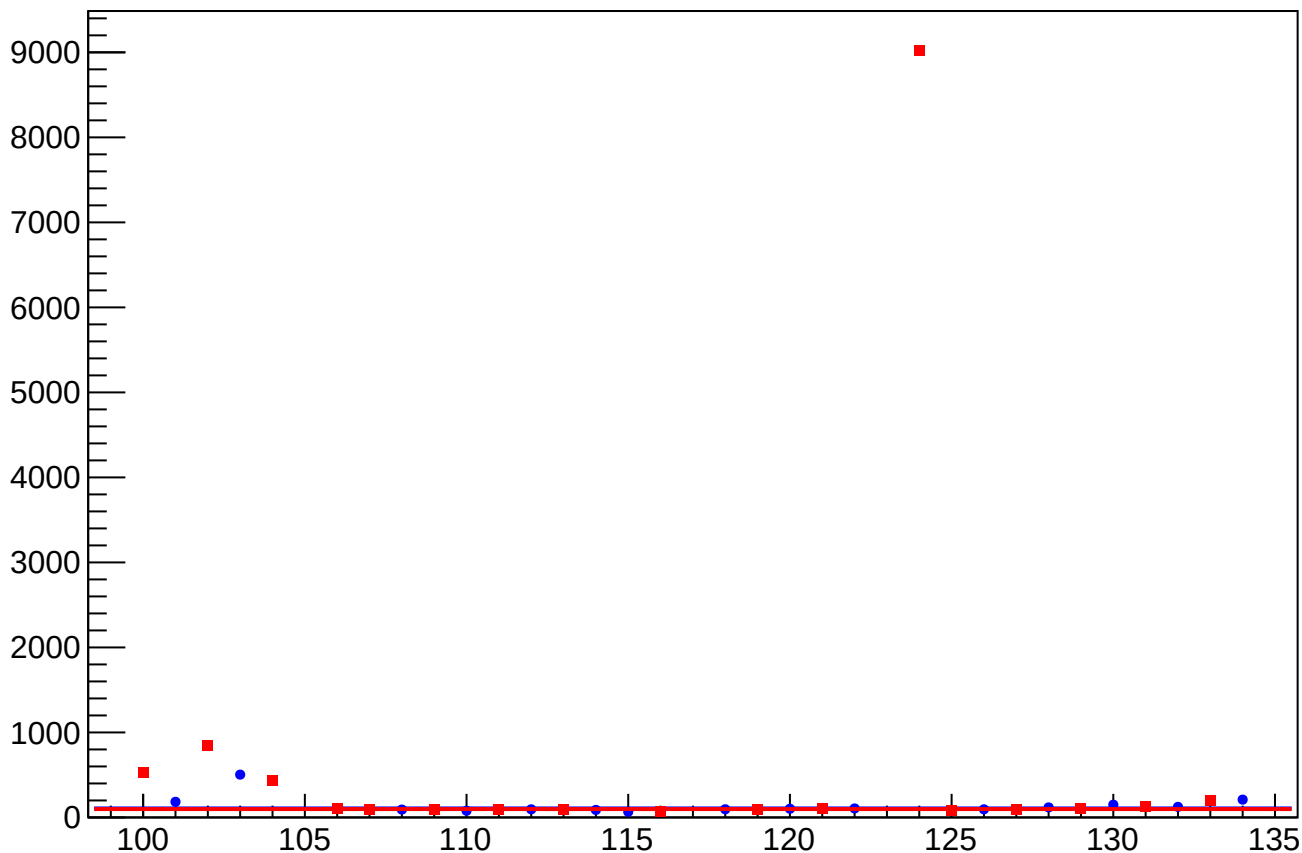
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.005 $\pm$ 0.032 χ^2 /NDF: 29.7/31

- 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 $\pm$ 0.033 χ^2 /NDF: 1464098.0/14

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

Right Out: 98.676 $\pm$ 0.031 χ^2 /NDF: 2093398.8/16

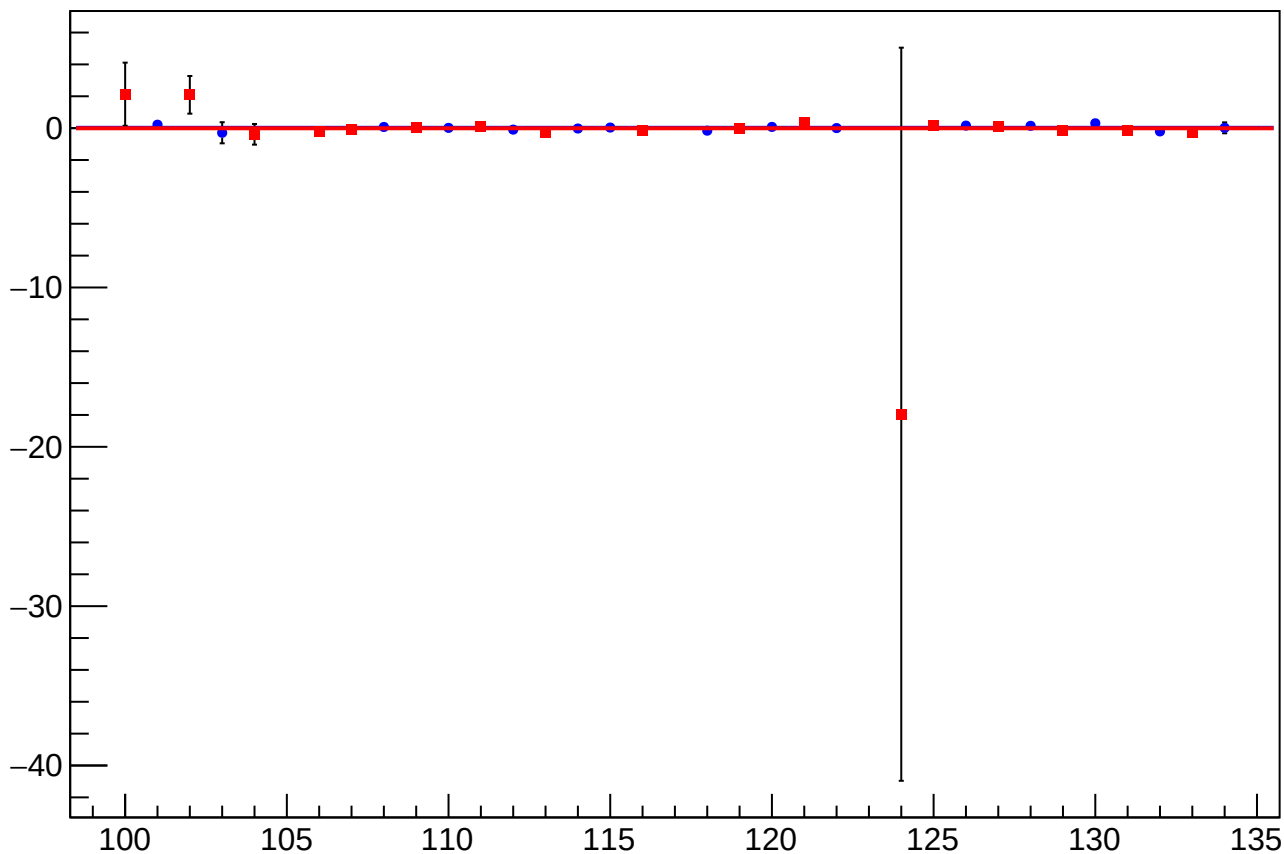
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 102.050 $\pm$ 0.022 χ^2 /NDF: 3582454.7/31

- sign 0.000 $\pm$ 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: -0.008 $\pm$ 0.044 χ^2 /NDF: 21.5/16

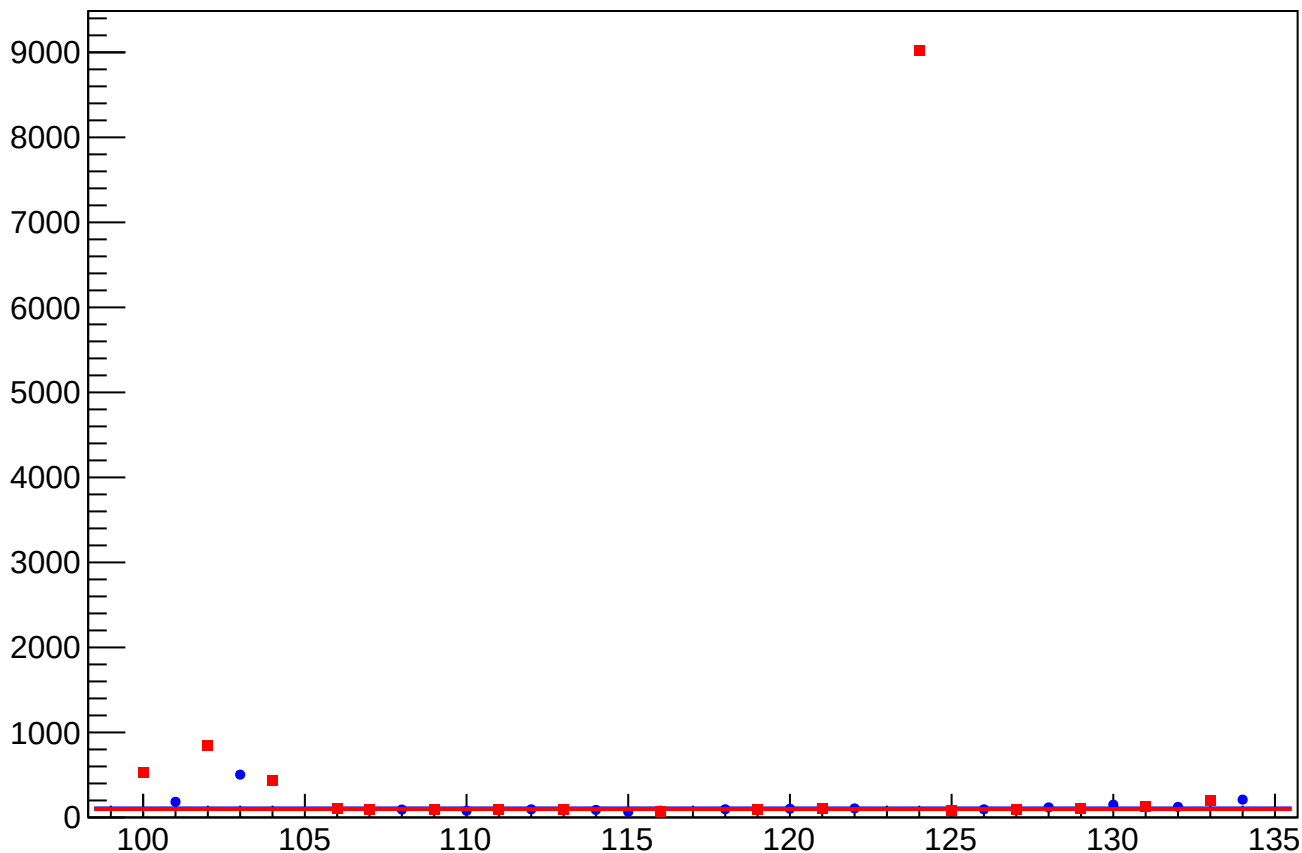
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

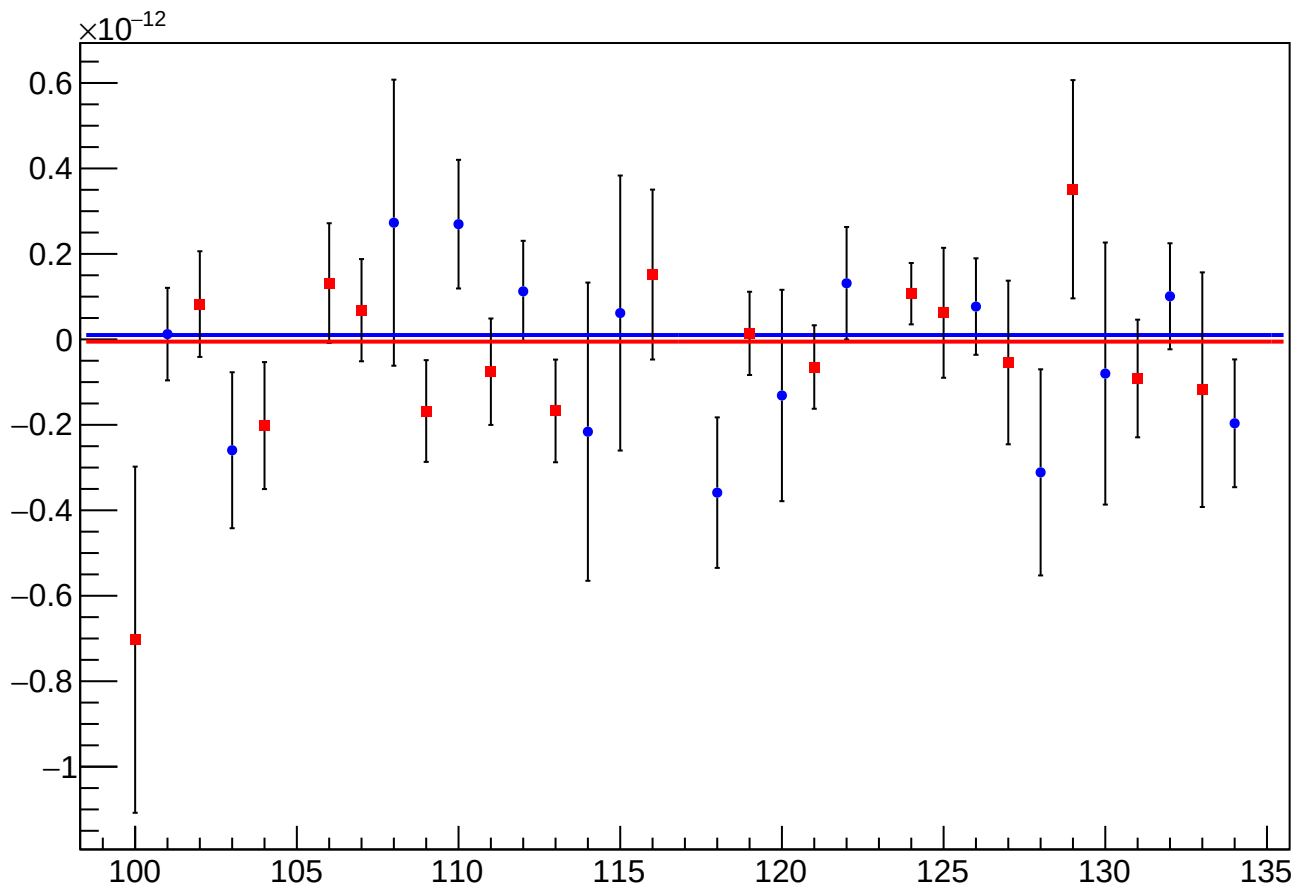
All: 0.005 $\pm$ 0.032 χ^2 /NDF: 29.7/31

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

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



asym_atl_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.2/14

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 16.8/16

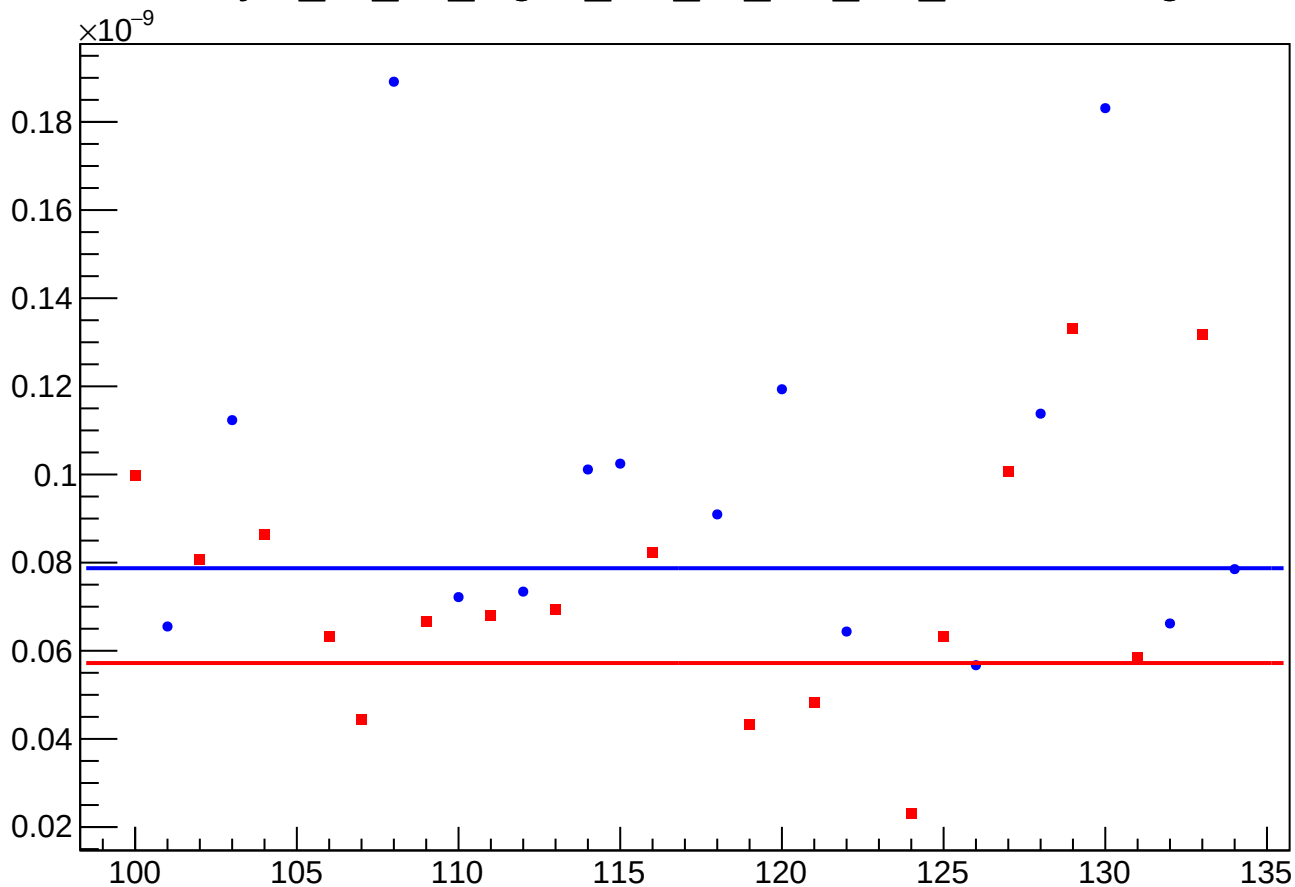
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 34.1/31

- sign 0.000 $\pm$ 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 : 1220508.7/16

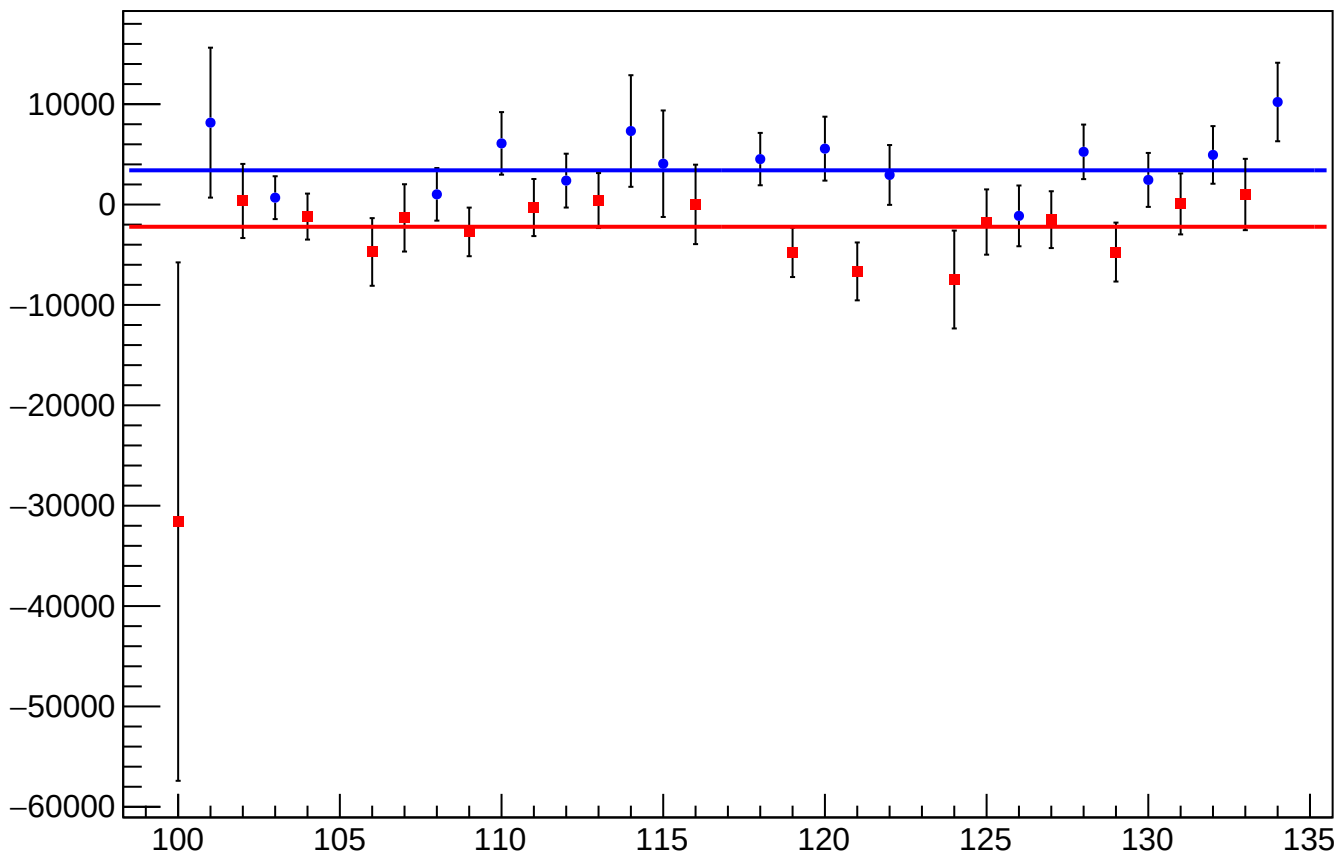
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2363281.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_mean vs Slug



Right In: 3409.080 ± 785.437 χ^2/NDF : 11.1/14

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

Right Out: -2213.877 ± 748.588 χ^2/NDF : 11.1/16

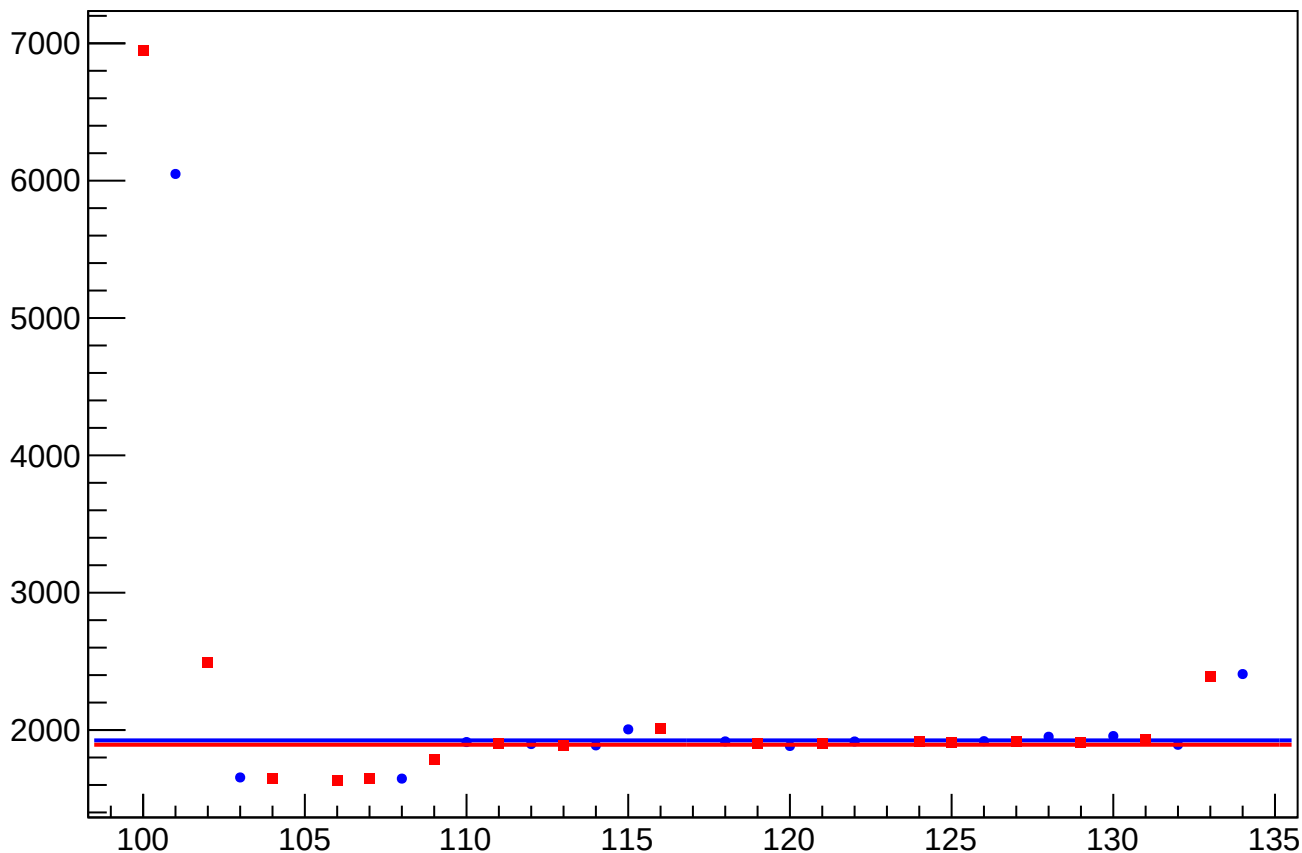
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 462.611 ± 541.890 χ^2/NDF : 49.1/31

- sign 0.000 ± 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: 1893.007 $\pm$ 0.527 χ^2 /NDF: 221946.7/16

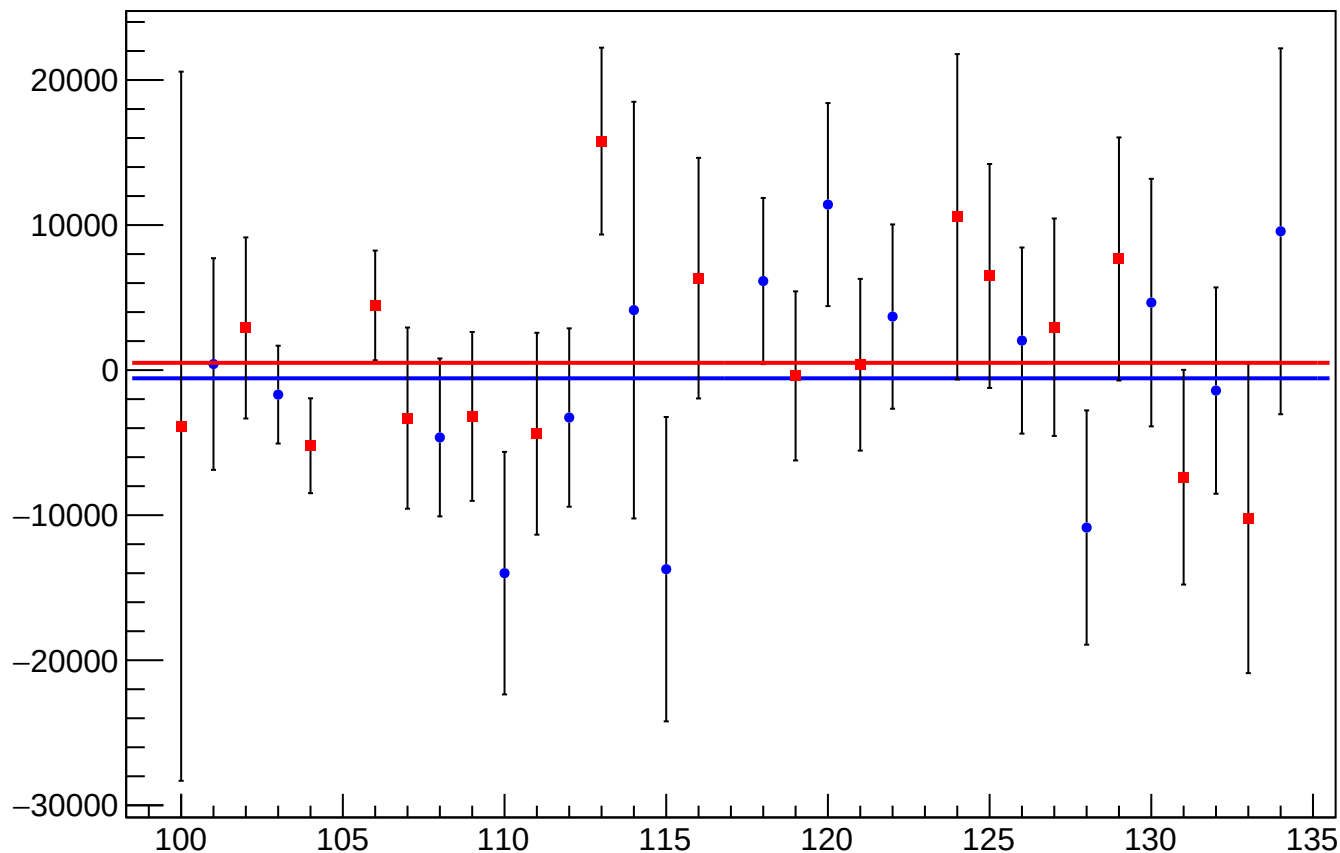
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1907.988 $\pm$ 0.382 χ^2 /NDF: 920425.8/31

- 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: 502.639+/-1495.655 χ^2/NDF : 16.1/16

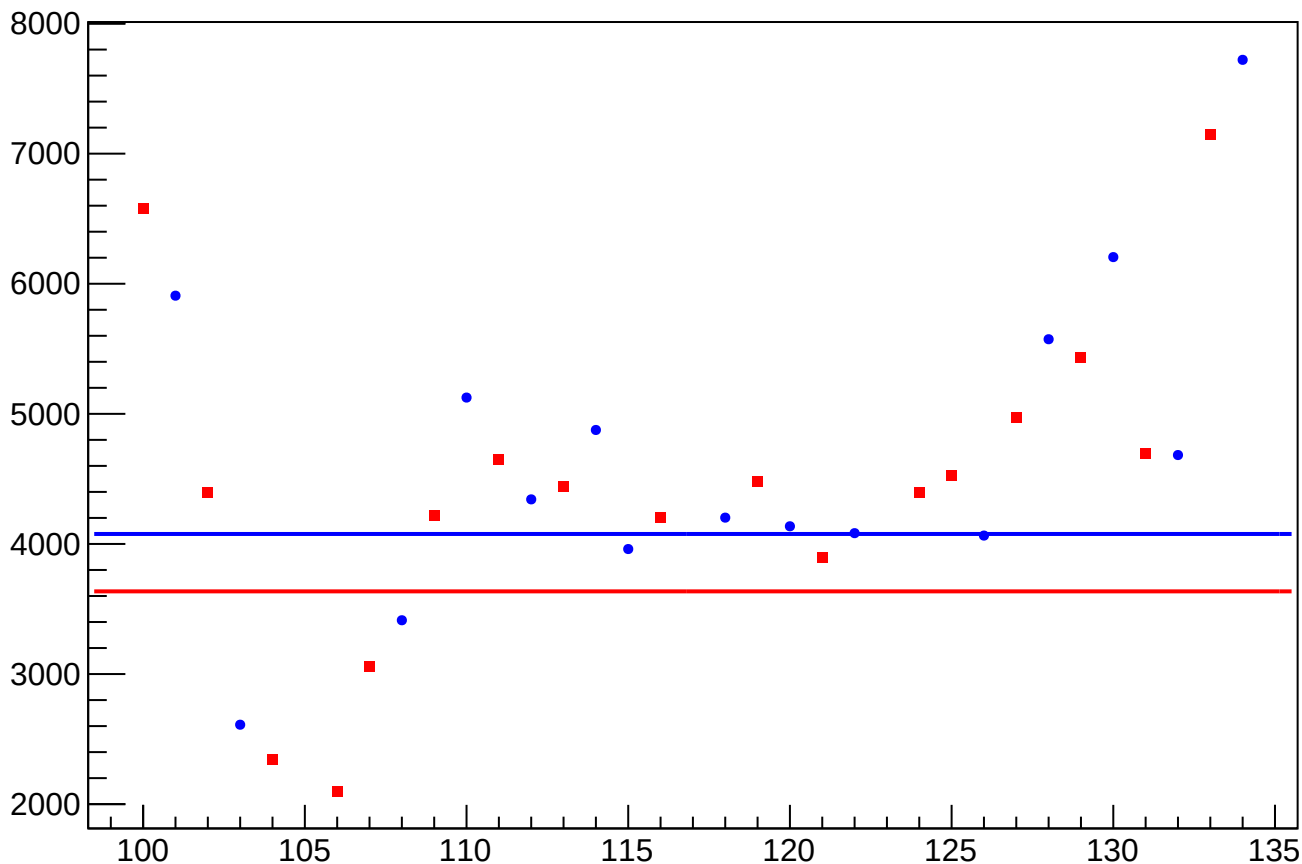
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.712+/-1119.950 χ^2/NDF : 29.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_reg_correction_rms vs Slug



Right In: 4076.704+/-1.195 χ^2/NDF : 951057.5/14

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

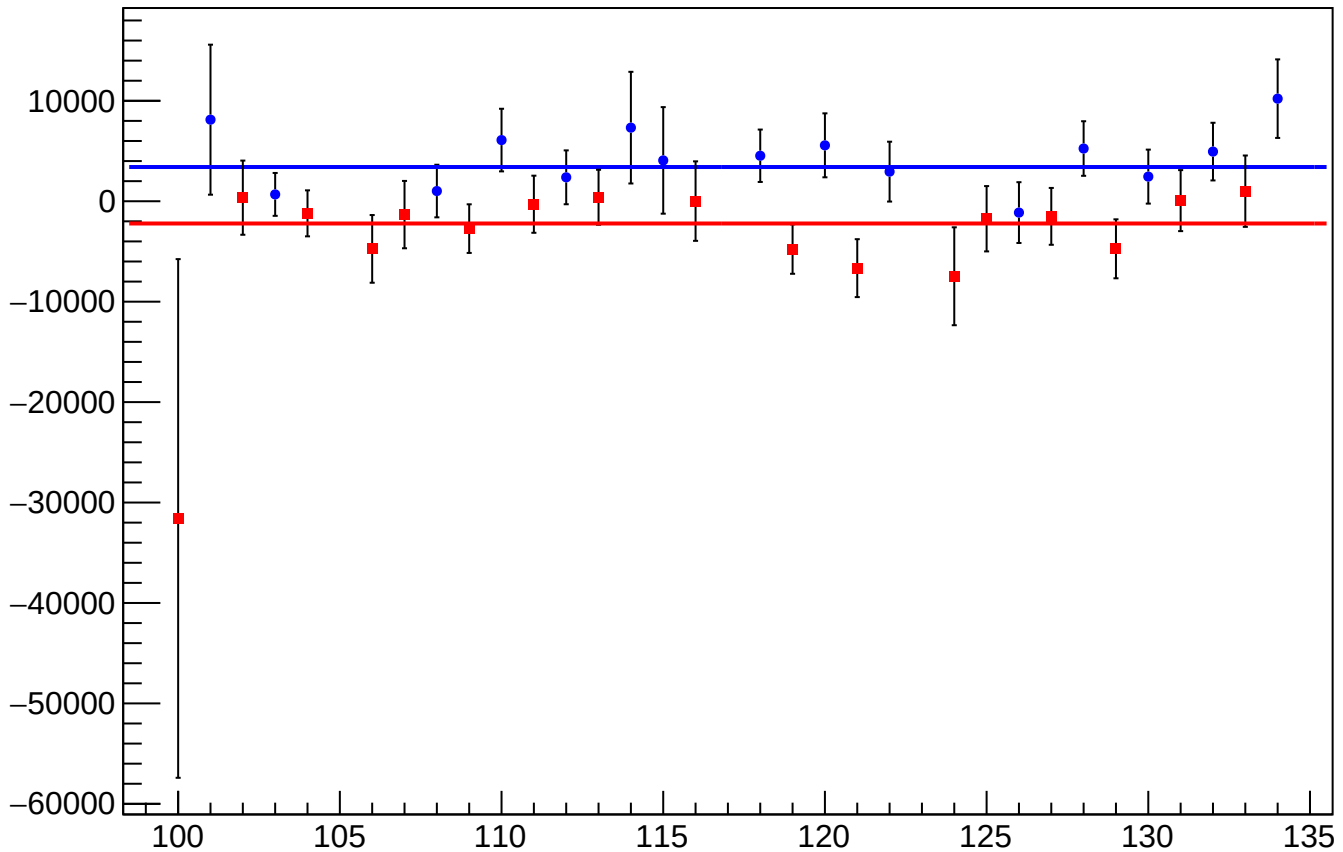
Right Out: 3635.560+/-1.058 χ^2/NDF : 1317614.5/16

All: 3829.352+/-0.792 χ^2/NDF : 2345105.7/31

- 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_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: -2215.221+/-748.593 χ^2/NDF : 11.1/16

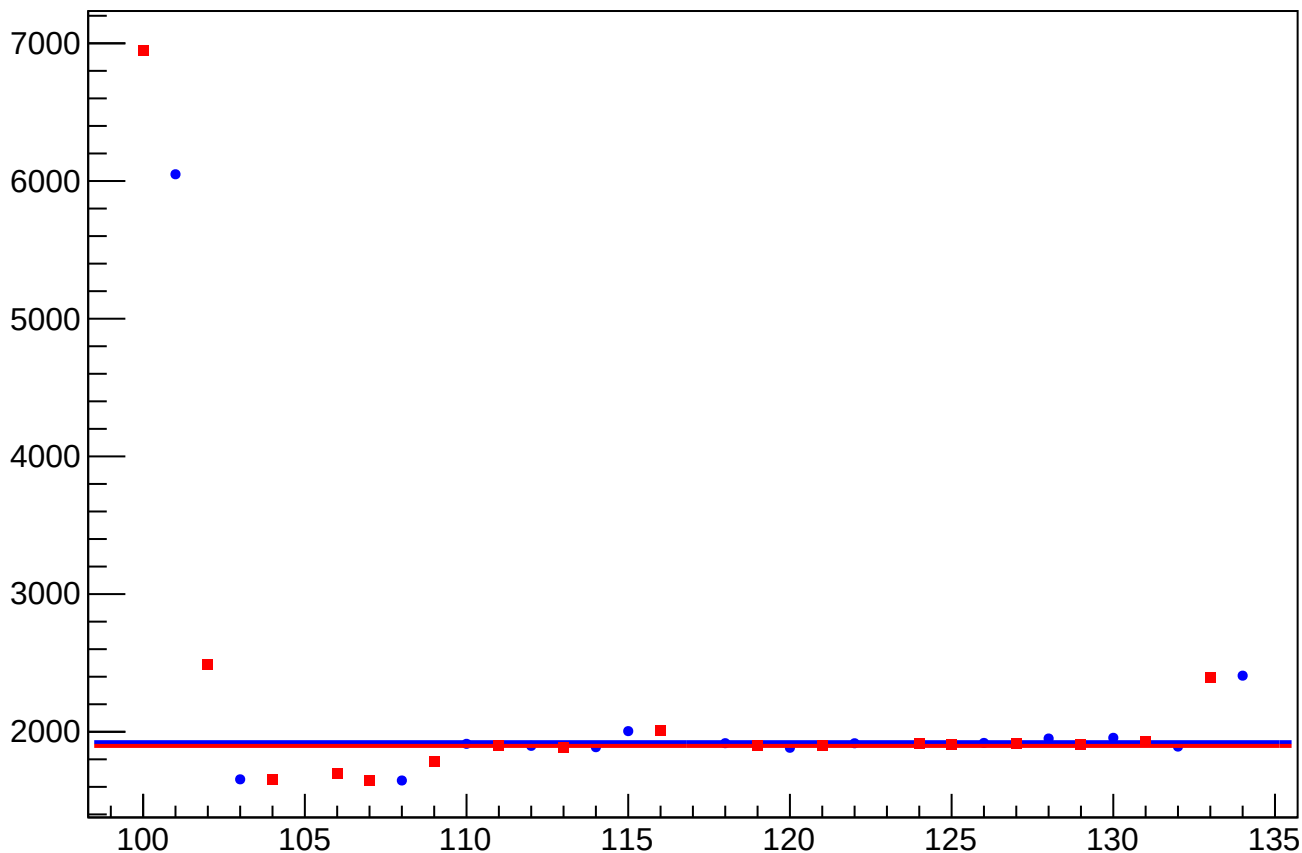
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 461.516+/-541.892 χ^2/NDF : 49.1/31

- 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

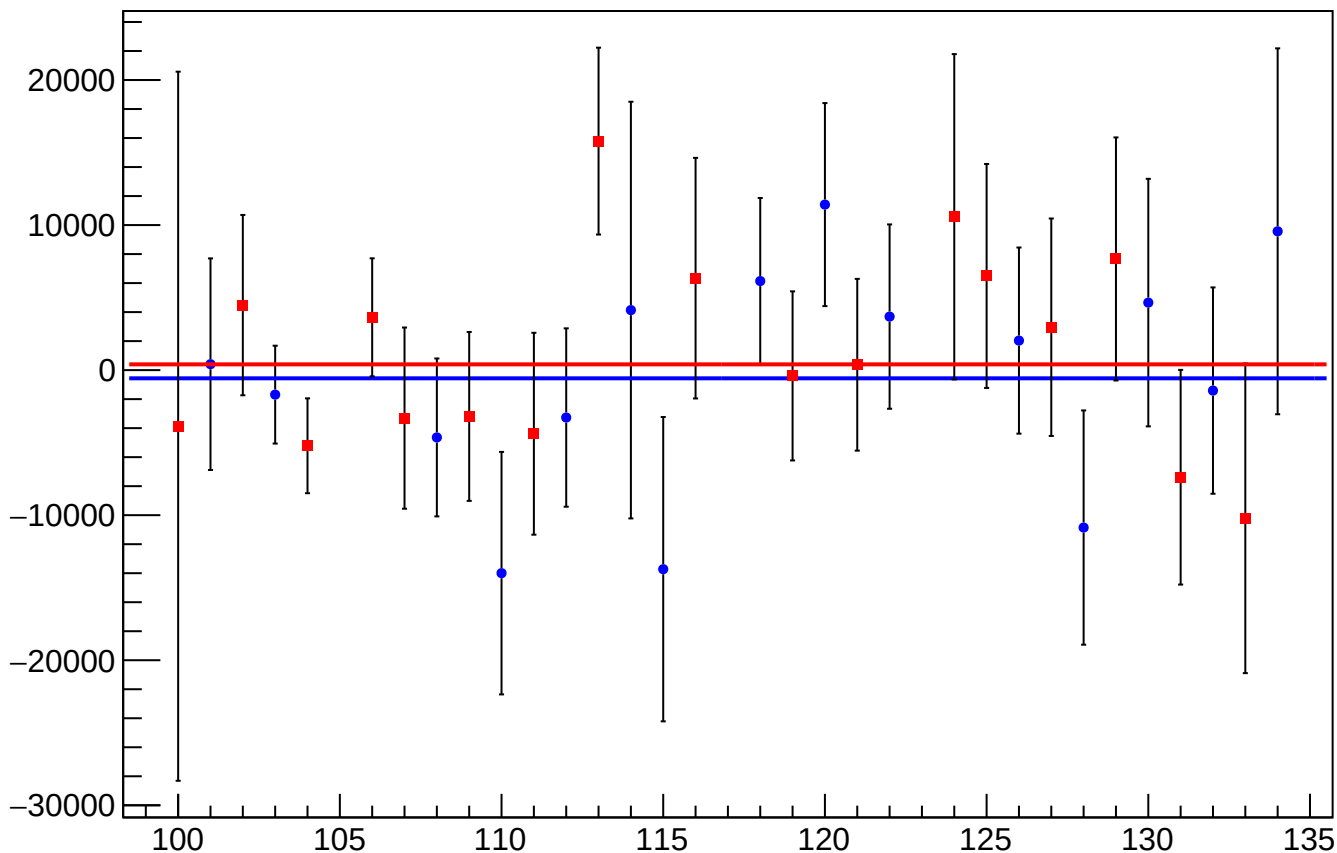
Right Out: 1897.433 $\pm$ 0.528 χ^2 /NDF: 215395.0/16

All: 1910.345 $\pm$ 0.383 χ^2 /NDF: 913427.3/31

- 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_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: 397.139+/-1511.517 χ^2/NDF : 15.9/16

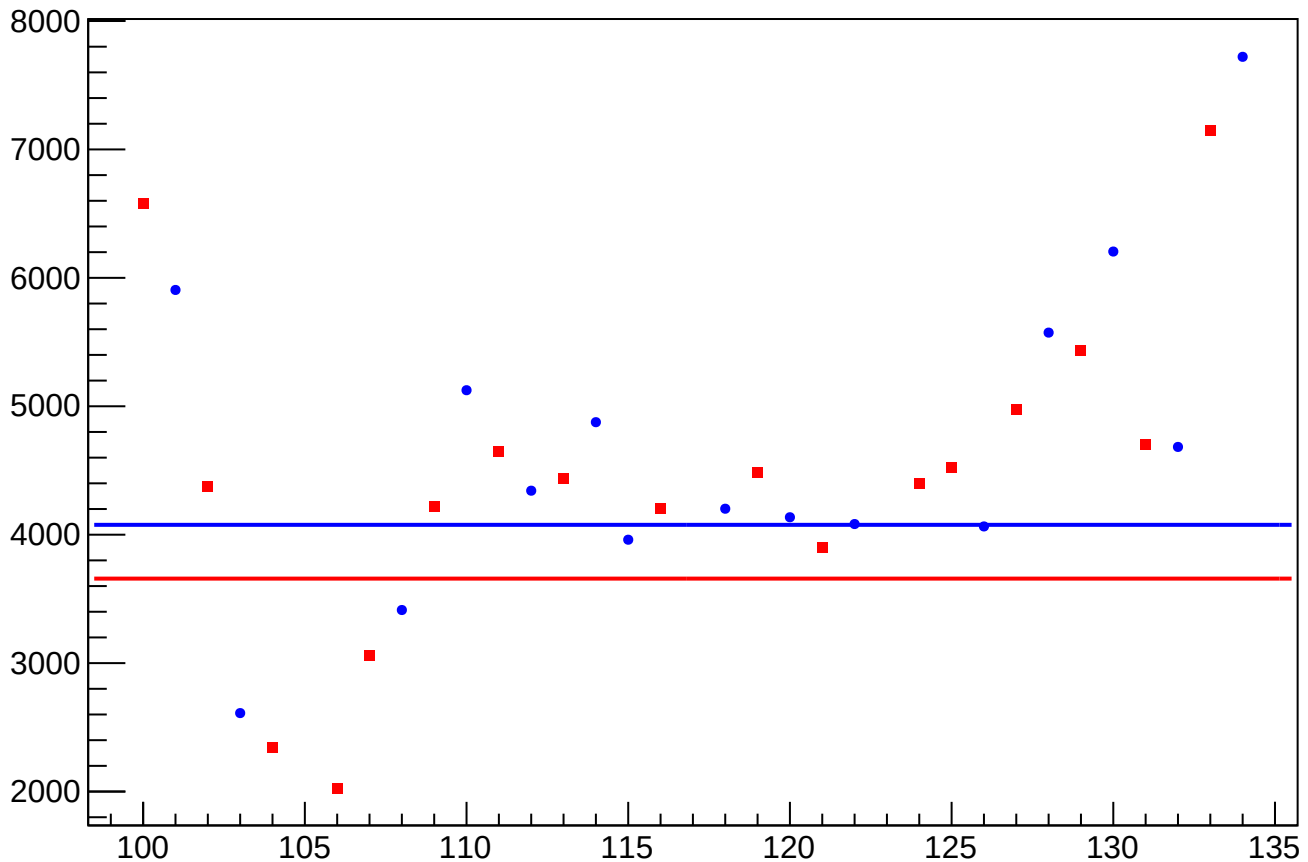
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.648+/-1126.565 χ^2/NDF : 28.8/31

- 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

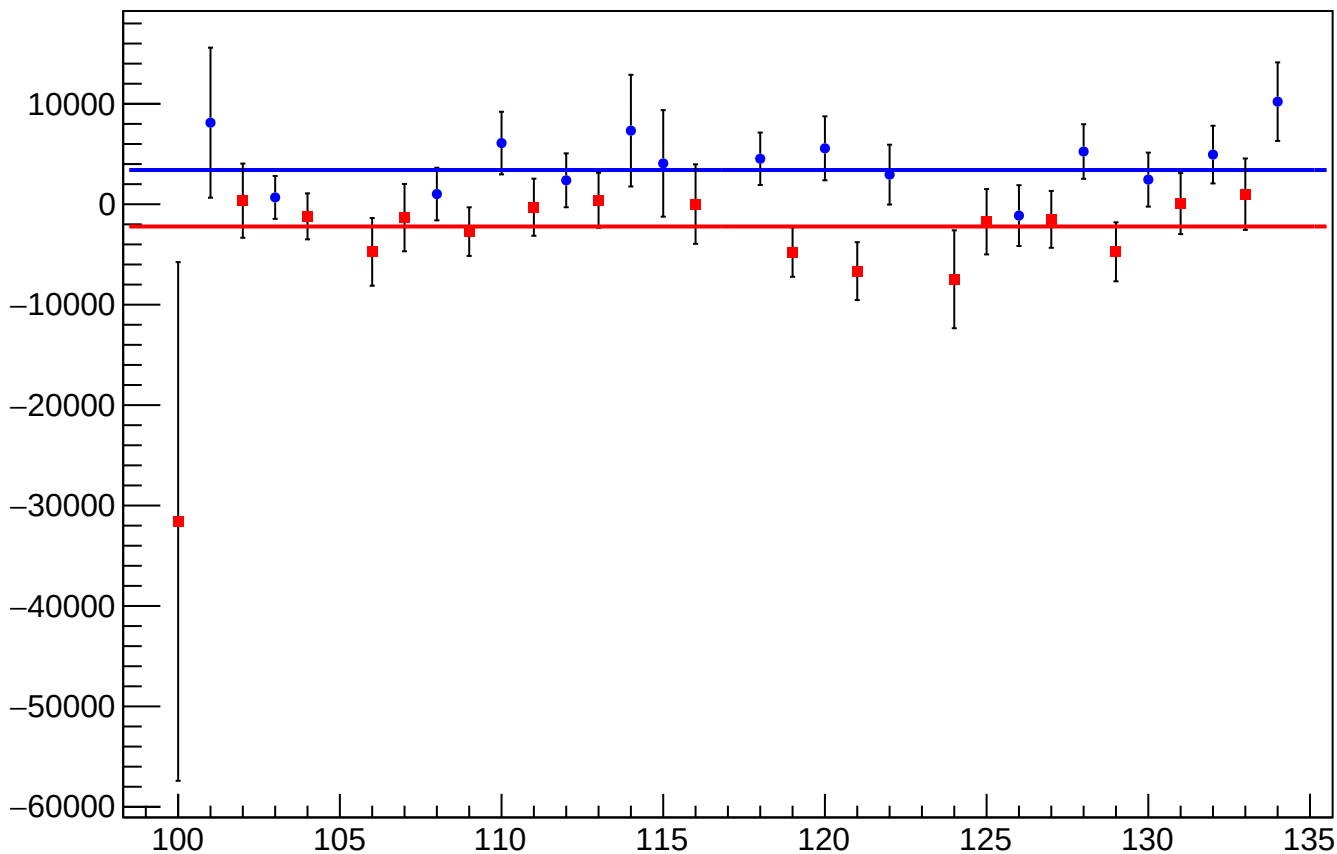
Right Out: 3658.115+/-1.069 χ^2/NDF : 1298422.7/16

All: 3844.225+/-0.797 χ^2/NDF : 2317200.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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: -2215.221+/-748.593 χ^2/NDF : 11.1/16

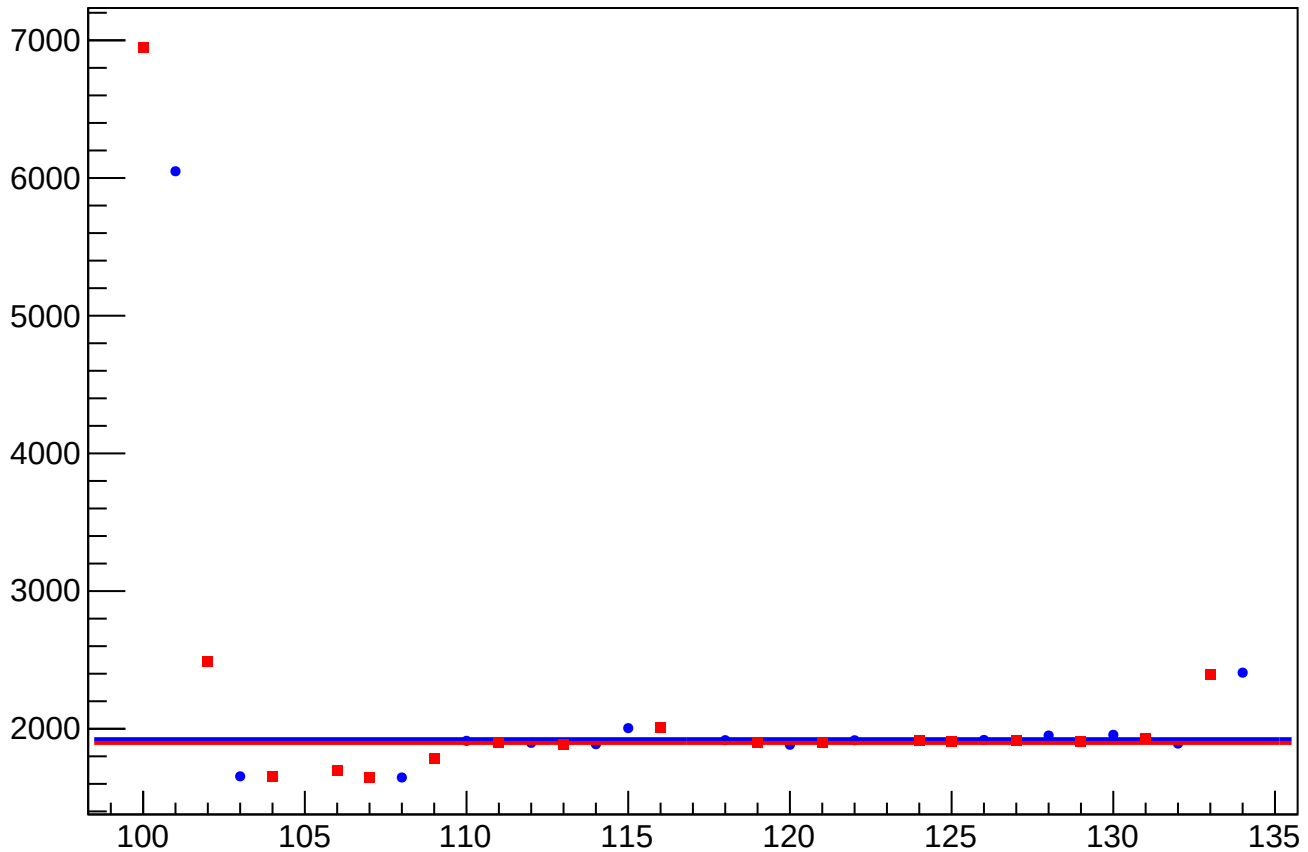
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 461.516+/-541.892 χ^2/NDF : 49.1/31

- 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

Right Out: 1897.433 $\pm$ 0.528 χ^2 /NDF: 215395.0/16

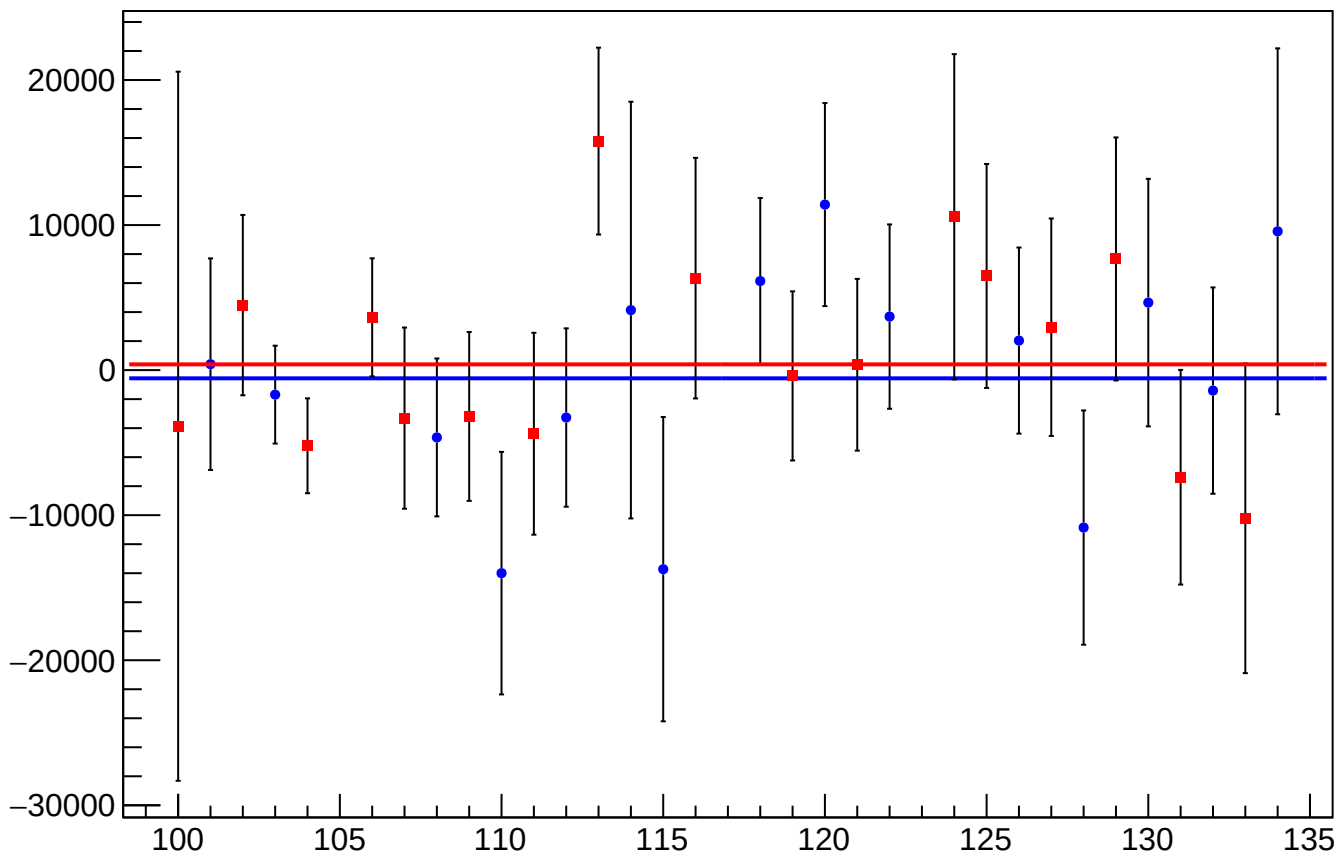
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1910.345 $\pm$ 0.383 χ^2 /NDF: 913427.3/31

- sign 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: 397.139+/-1511.517 χ^2/NDF : 15.9/16

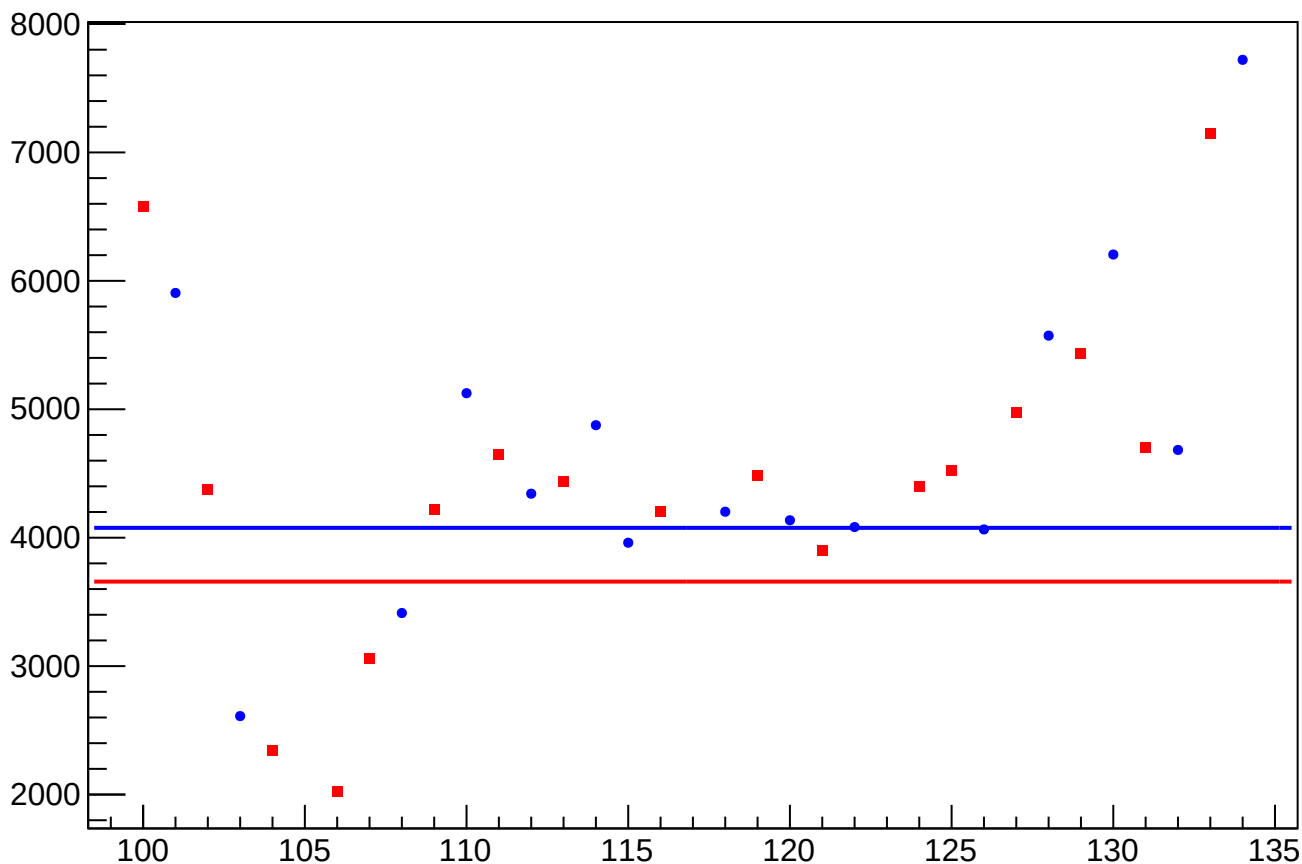
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.648+/-1126.565 χ^2/NDF : 28.8/31

- 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

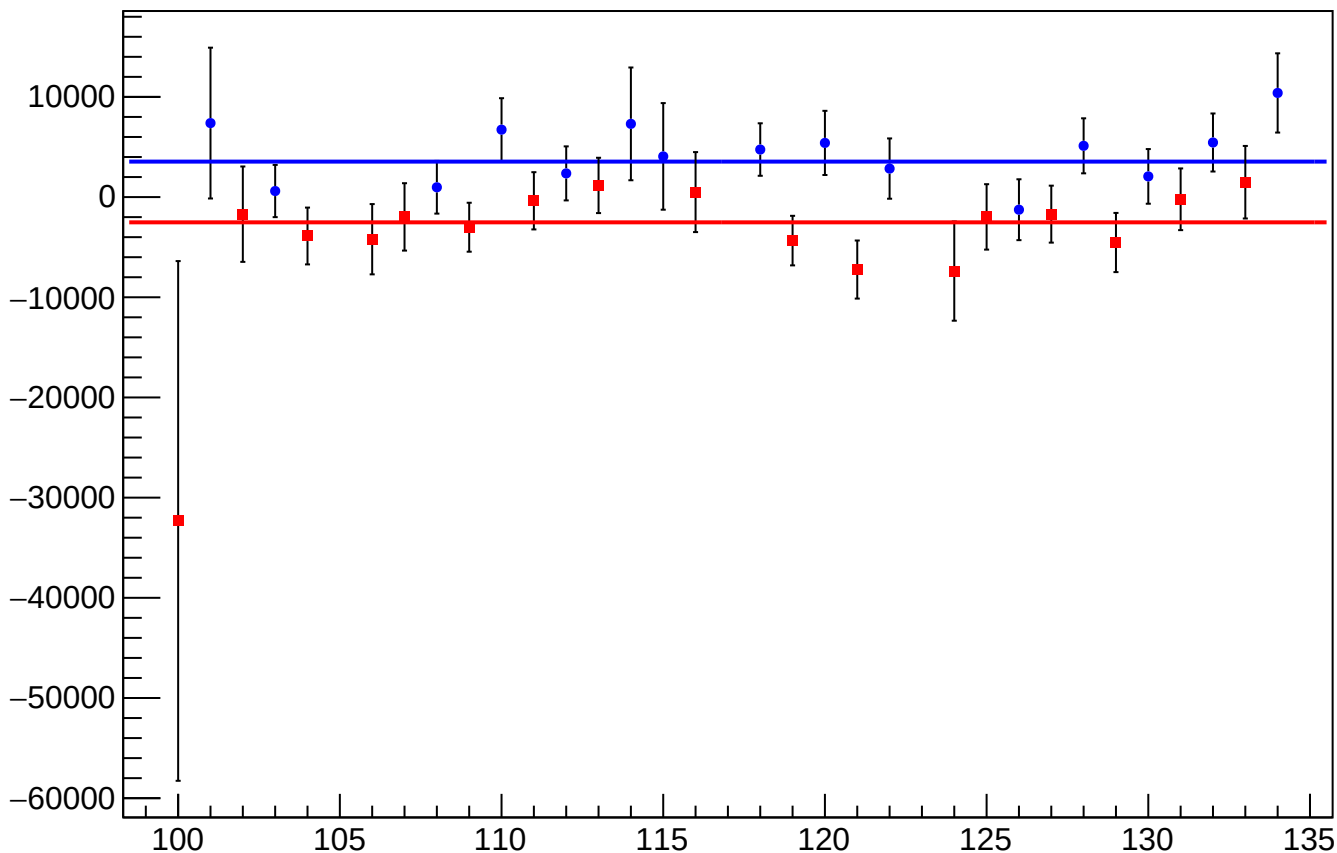
Right Out: 3658.115+/-1.069 χ^2/NDF : 1298422.7/16

All: 3844.225+/-0.797 χ^2/NDF : 2317200.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_asym_atr_avg_mean vs Slug



Right In: 3541.985 $\pm$ 809.212 χ^2 /NDF: 11.3/14

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

Right Out: -2520.173 $\pm$ 776.017 χ^2 /NDF: 11.3/16

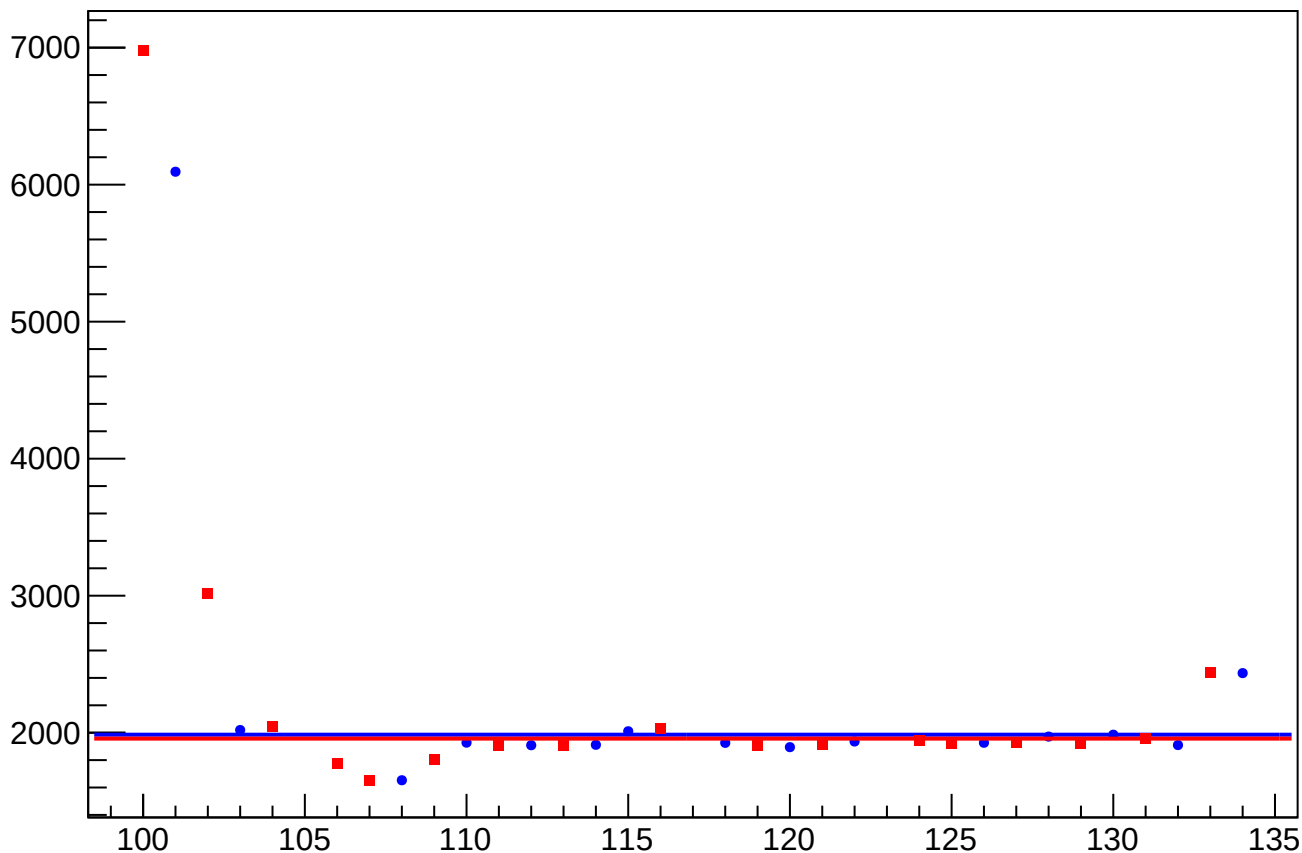
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 384.018 $\pm$ 560.095 χ^2 /NDF: 51.9/31

- sign 0.000 $\pm$ 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

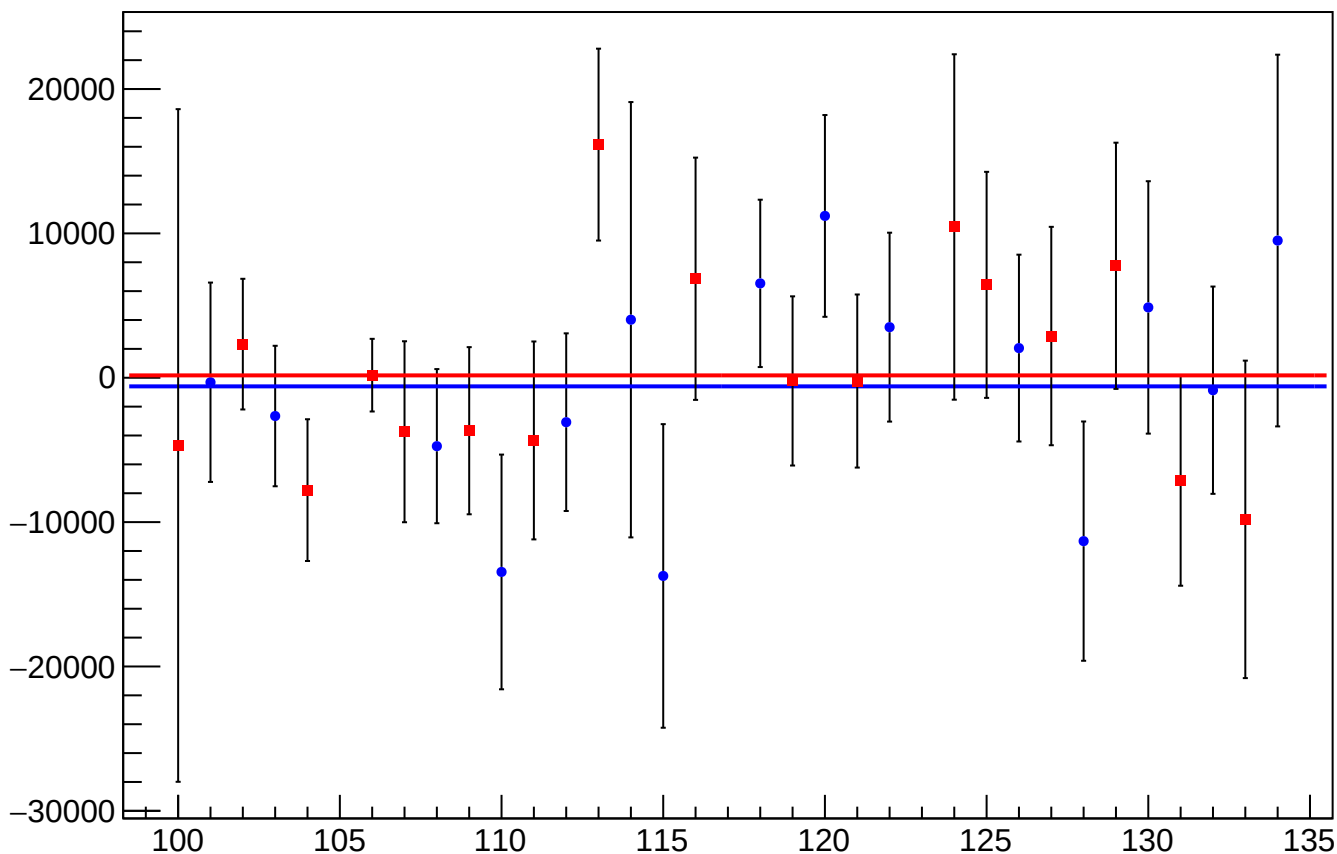
Right Out: 1956.883+/-0.548 χ^2/NDF : 245816.8/16

All: 1970.584+/-0.396 χ^2/NDF : 909206.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_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: 163.938+/-1411.129 χ^2/NDF : 14.7/16

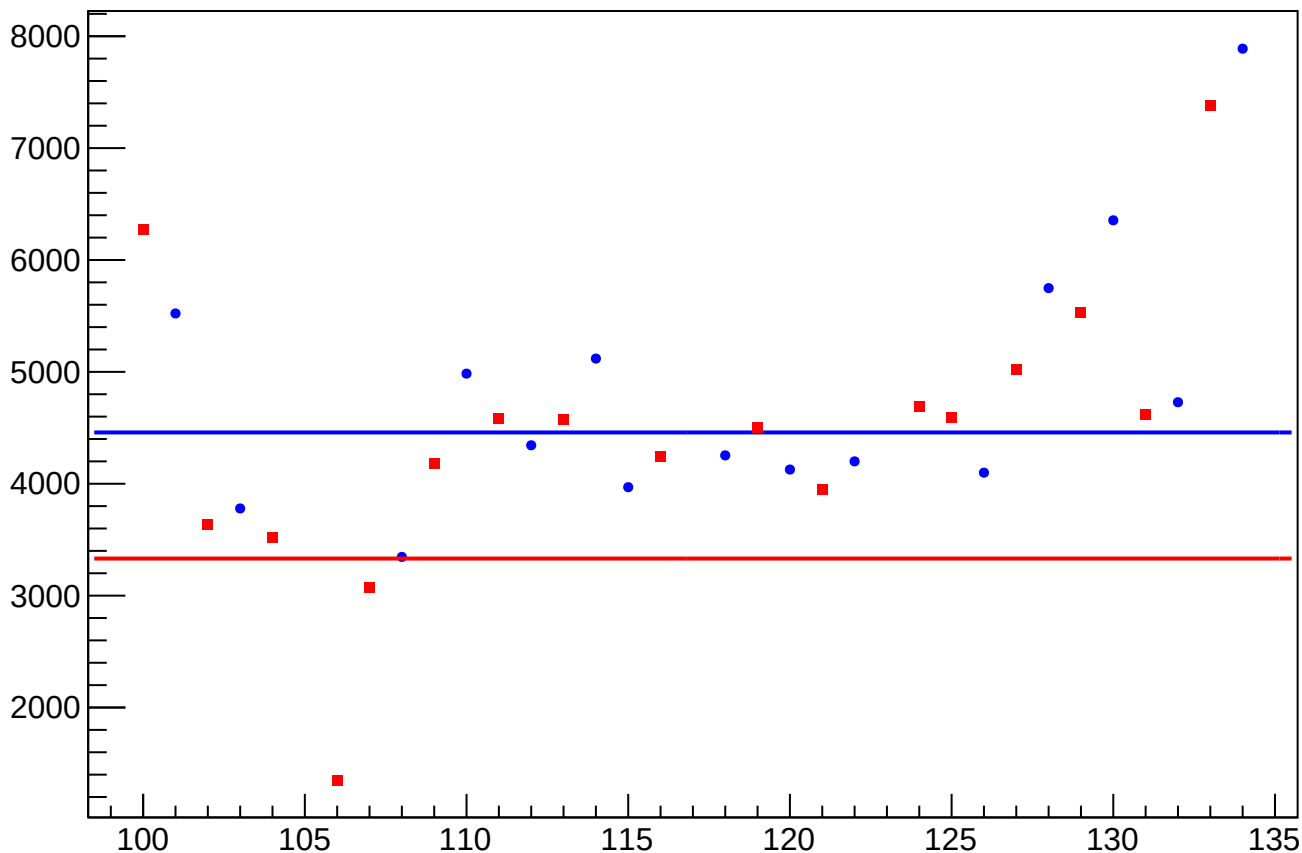
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -122.852+/-1113.838 χ^2/NDF : 27.5/31

- 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

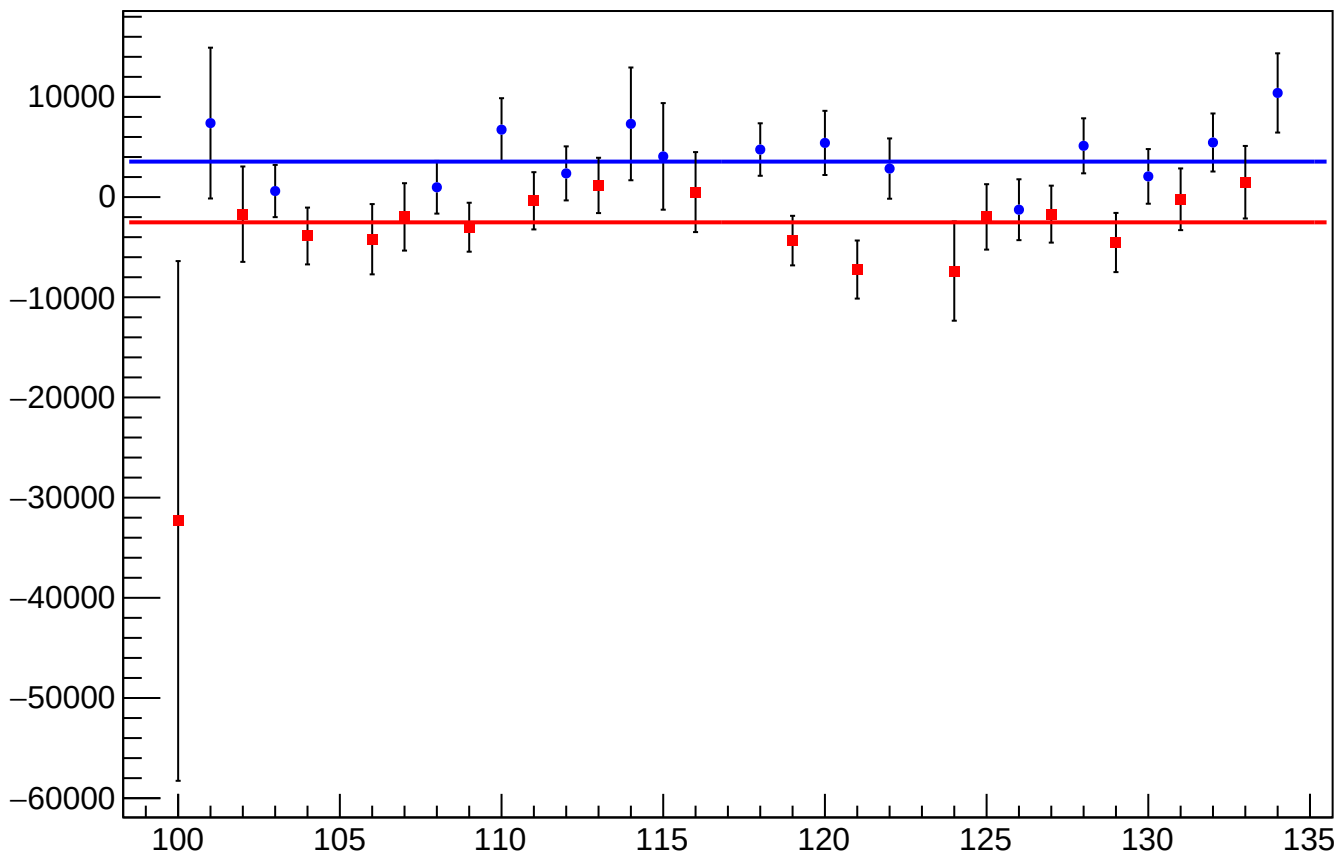
Right Out: 3331.529+/-0.998 χ^2/NDF : 2239259.2/16

All: 3756.368+/-0.788 χ^2/NDF : 3214315.5/32

- 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_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: -2520.178+/-776.017 χ^2/NDF : 11.3/16

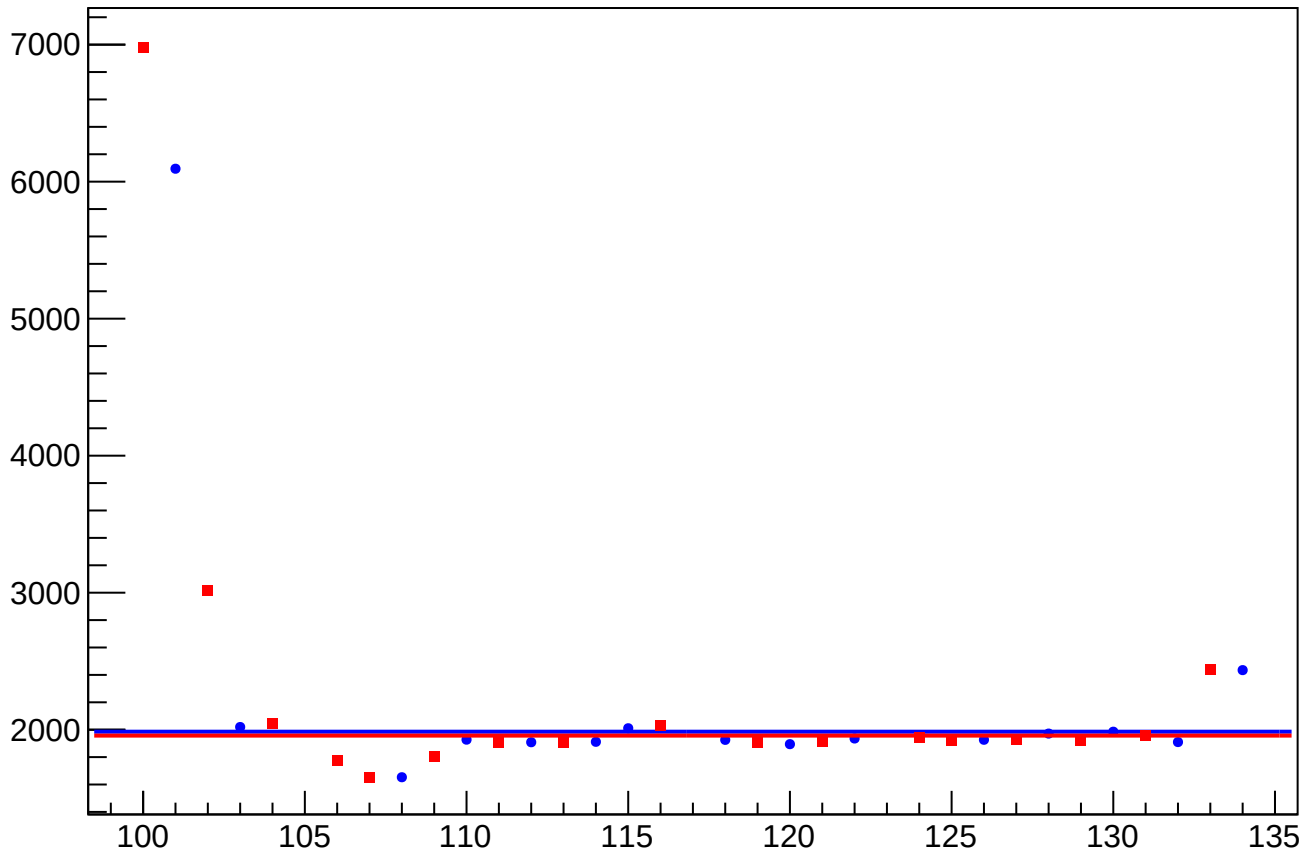
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 384.015+/-560.095 χ^2/NDF : 51.9/31

- 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: 1956.883+/-0.548 χ^2/NDF : 245816.4/16

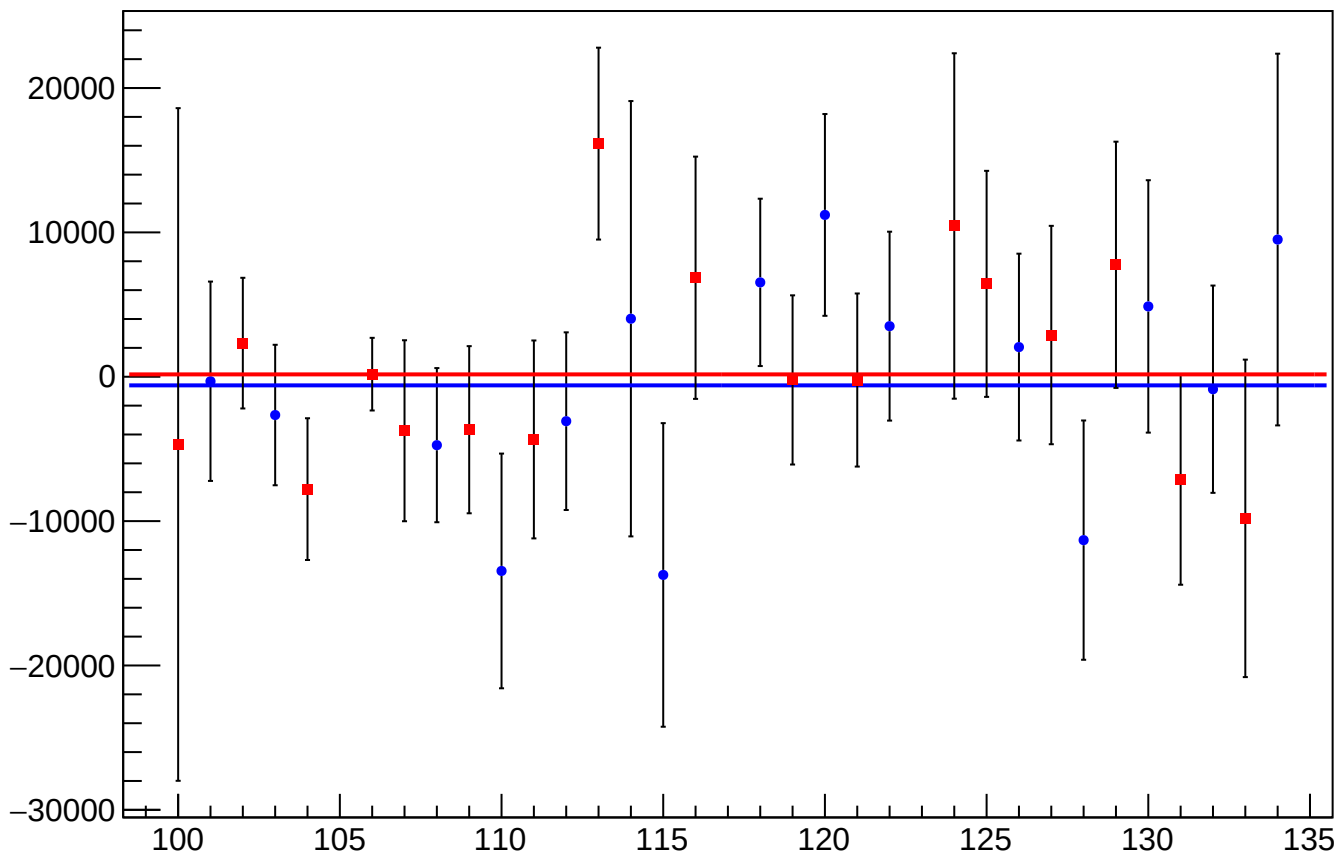
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1970.583+/-0.396 χ^2/NDF : 909205.8/31

- 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: 163.940+/-1411.126 χ^2/NDF : 14.7/16

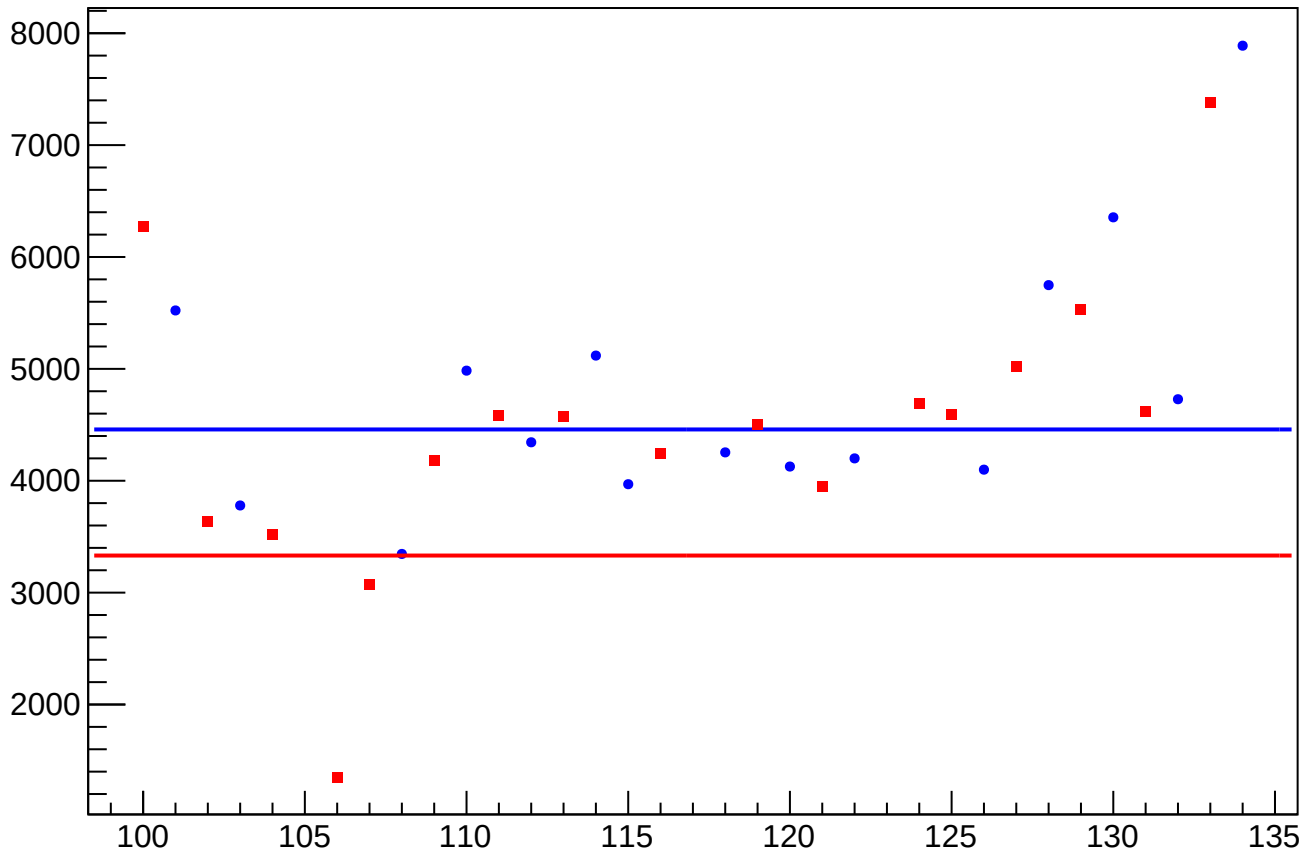
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -122.848+/-1113.835 χ^2/NDF : 27.5/31

- 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

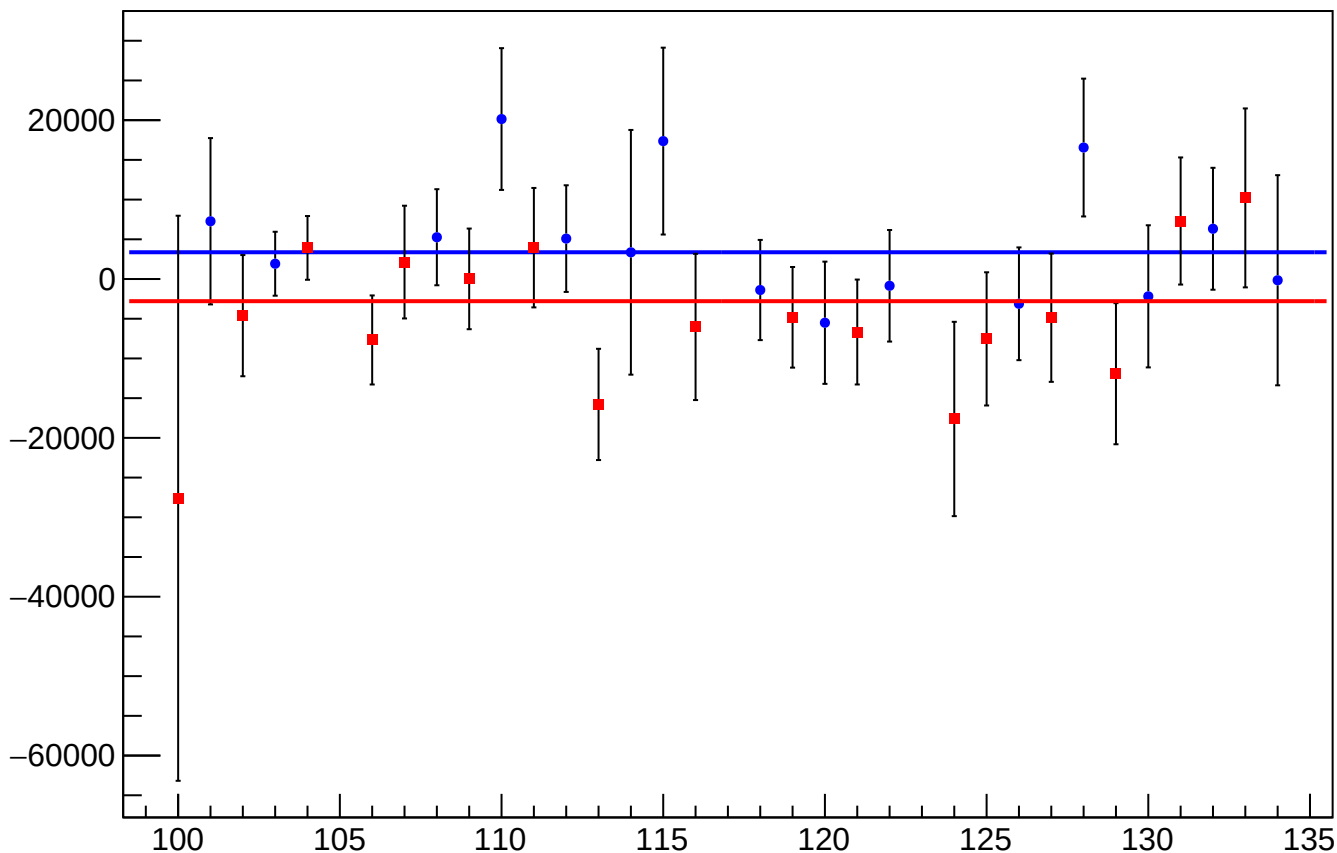
Right Out: 3331.520+/-0.998 χ^2/NDF : 2239260.2/16

All: 3756.359+/-0.788 χ^2/NDF : 3214315.0/32

- 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_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: -2789.706 $\pm$ 1749.372 χ^2 /NDF: 15.4/16

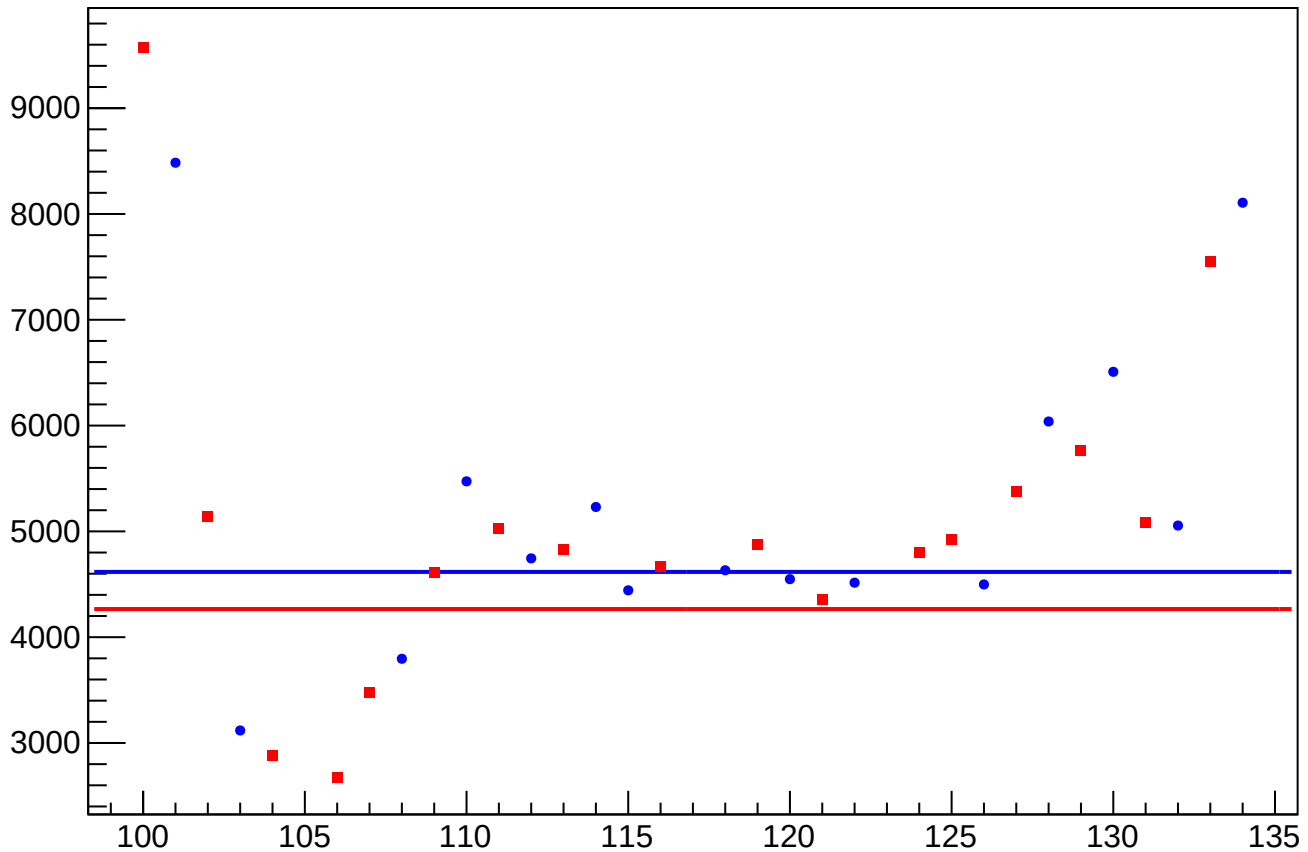
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 24.928 $\pm$ 1289.148 χ^2 /NDF: 32.5/31

- 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

Right Out: 4266.197+/-1.225 χ^2/NDF : 888862.2/16

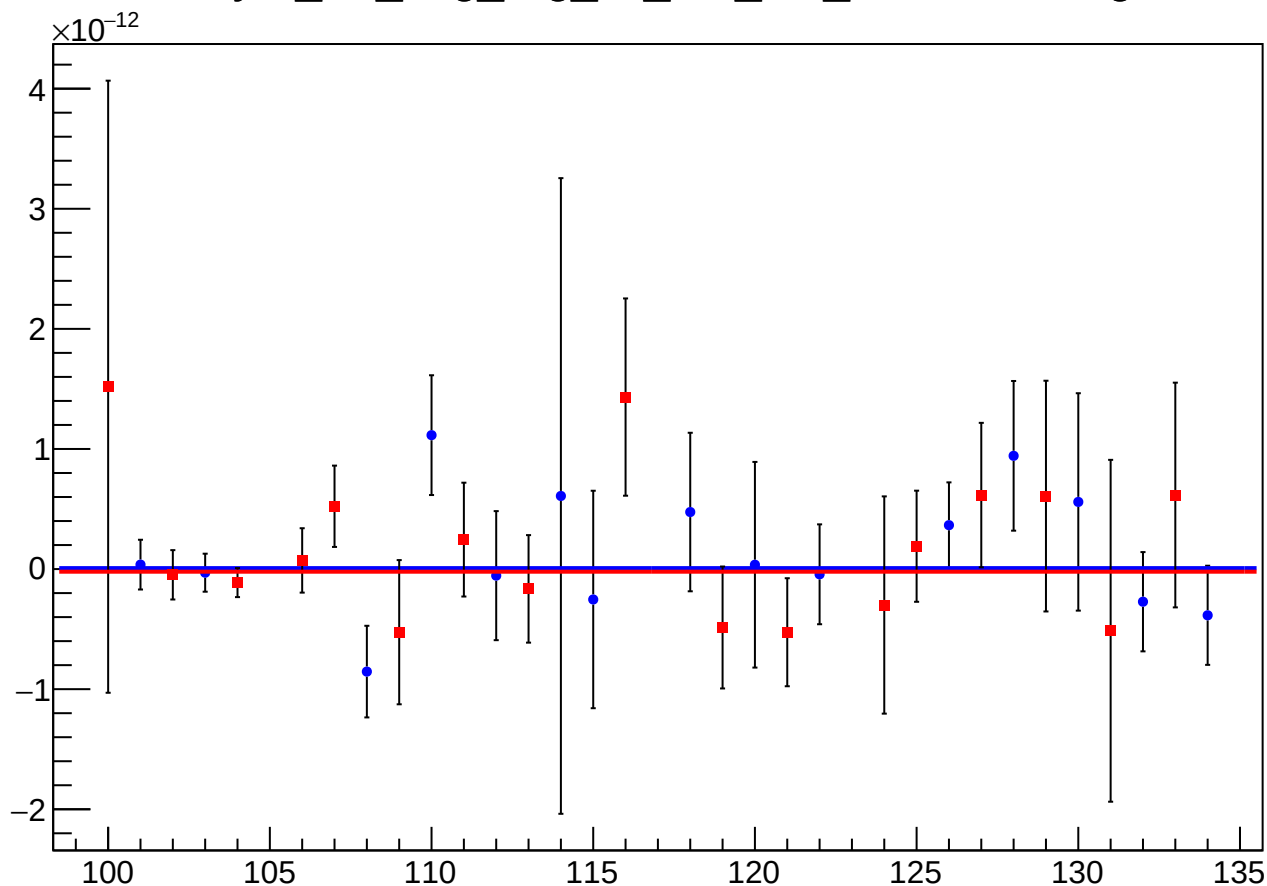
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4424.780+/-0.907 χ^2/NDF : 1825404.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_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 : 12.5/16

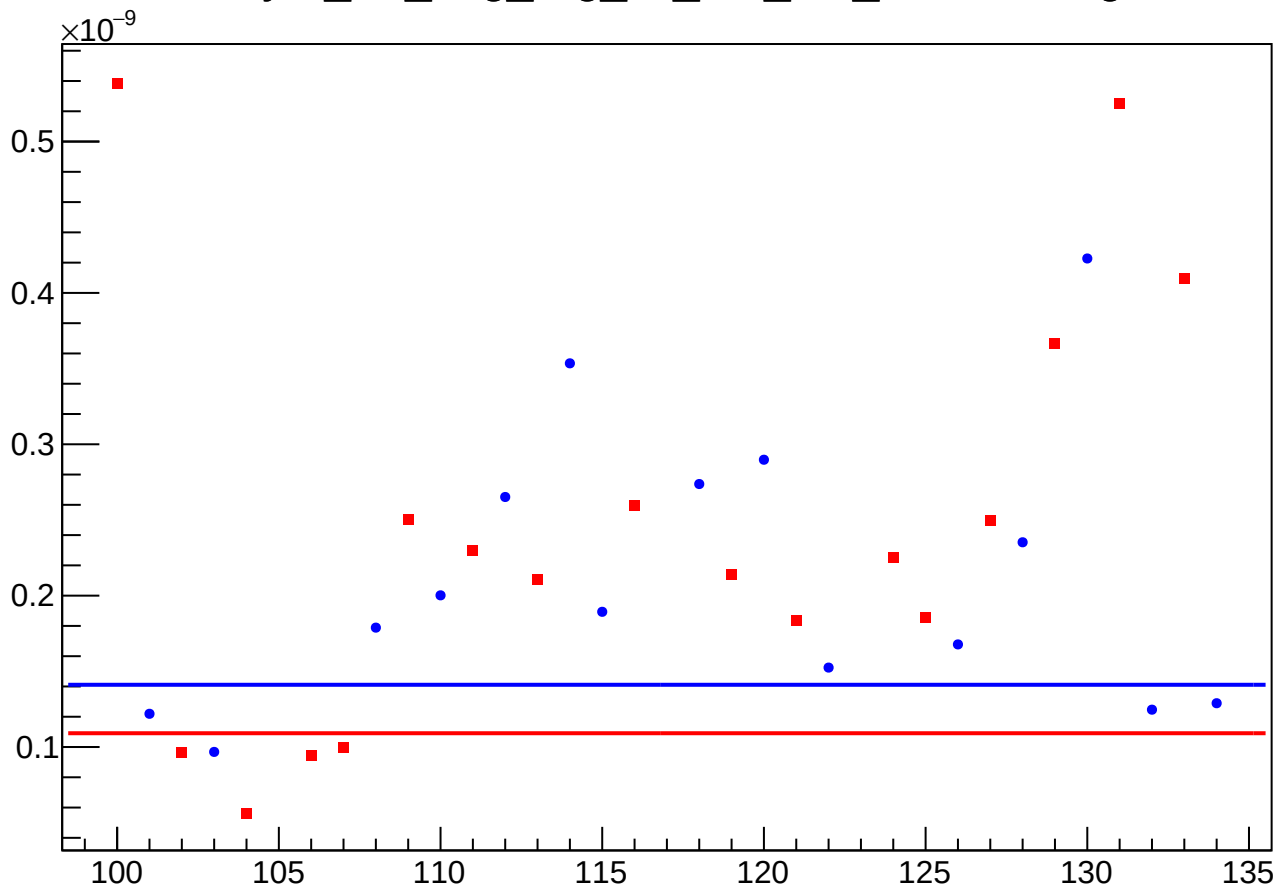
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 28.3/31

- sign 0.000 ± 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 : 1726687.1/16

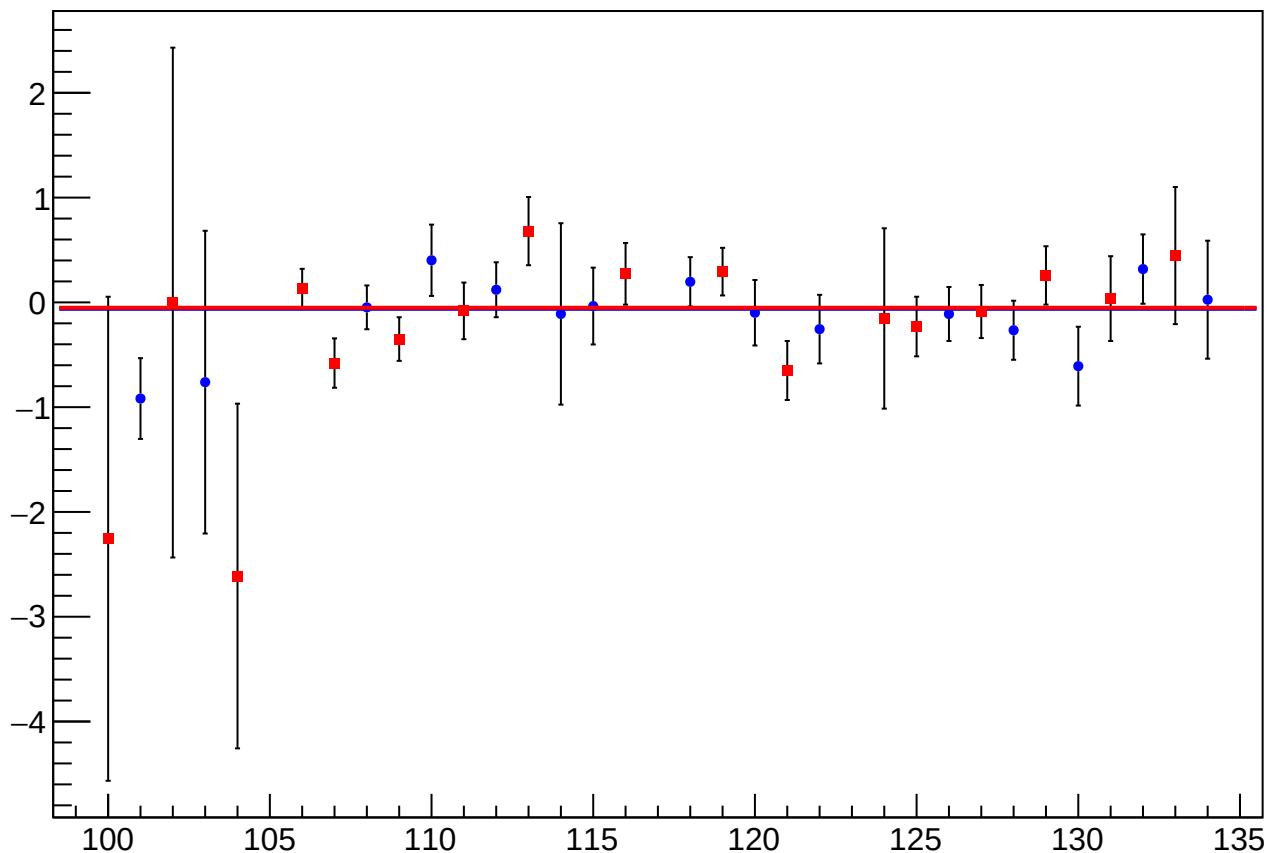
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2602581.1/31

- 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: -0.051 ± 0.073 χ^2/NDF : 26.9/16

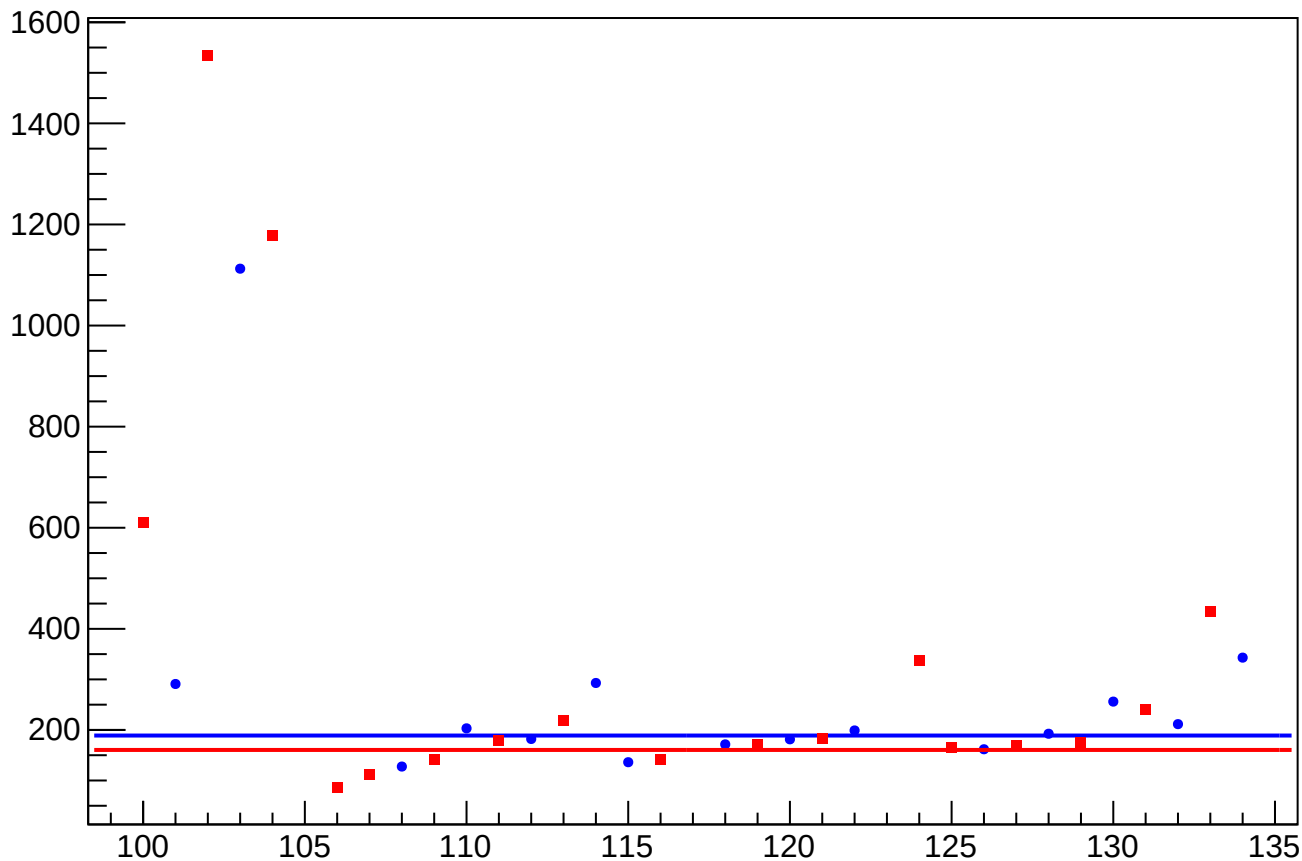
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.056 ± 0.055 χ^2/NDF : 40.0/31

- 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

Right Out: 160.421+/-0.051 χ^2/NDF : 2534919.0/16

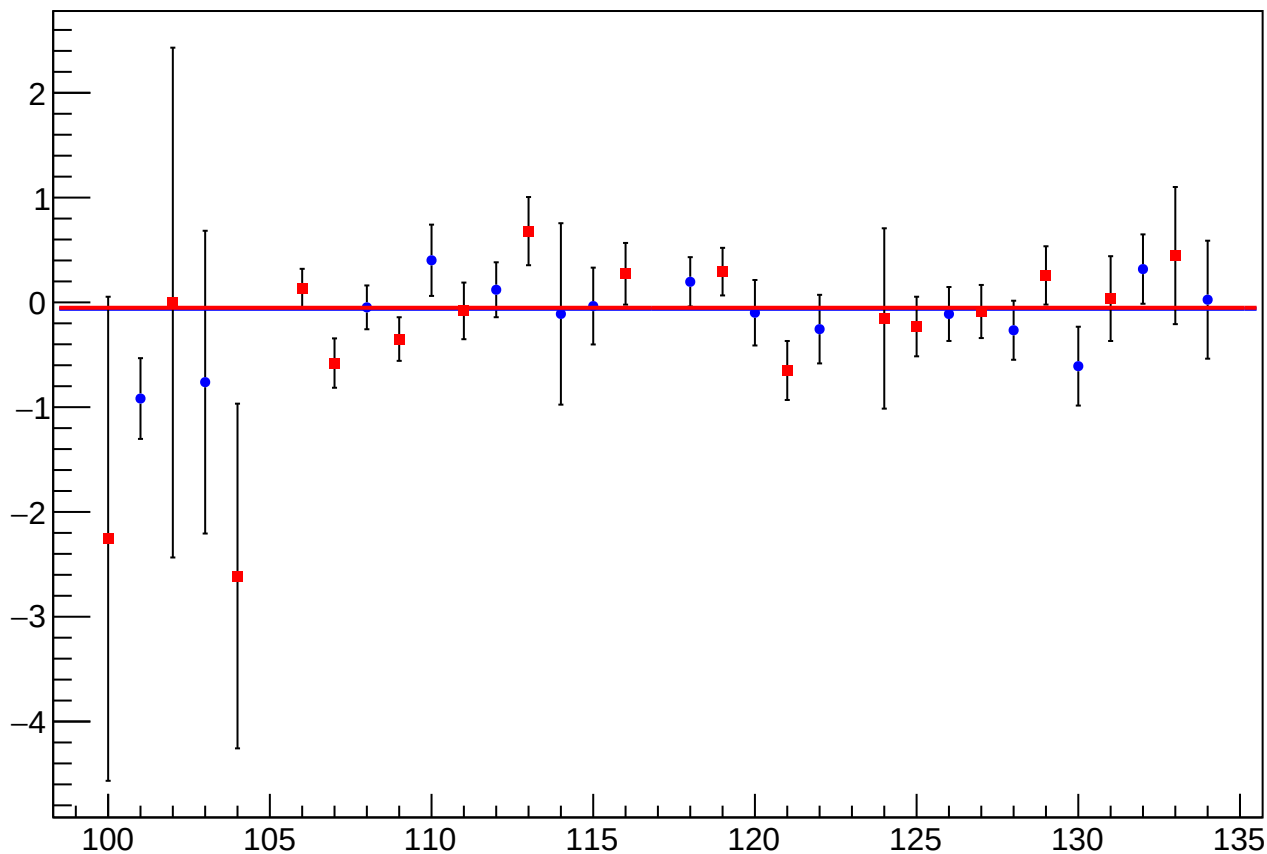
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.882+/-0.039 χ^2/NDF : 4133599.0/31

- sign 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+/-0.083 χ^2/NDF : 13.1/14

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

Right Out: -0.051+/-0.073 χ^2/NDF : 26.9/16

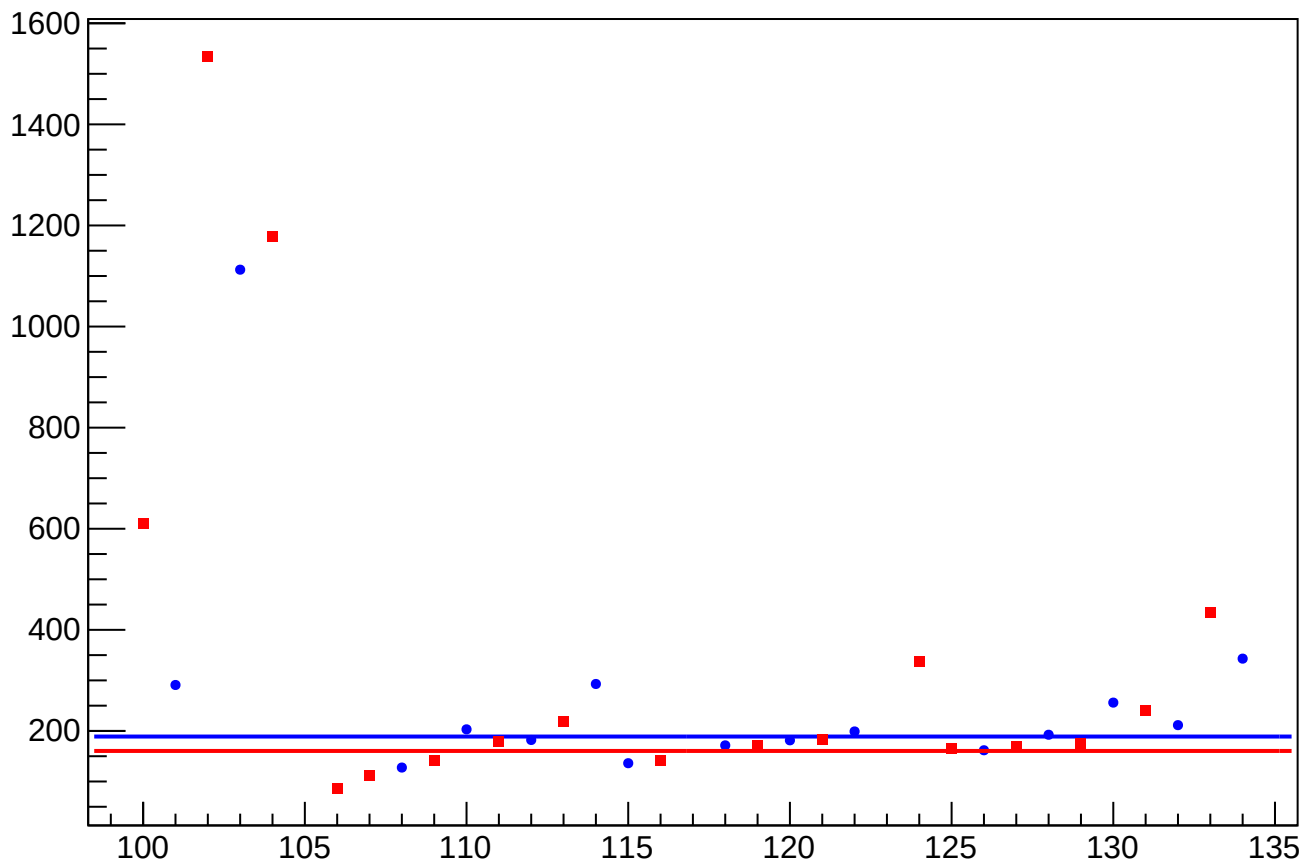
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.056+/-0.055 χ^2/NDF : 40.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_vs_eigen_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

Right Out: 160.421+/-0.051 χ^2/NDF : 2534919.0/16

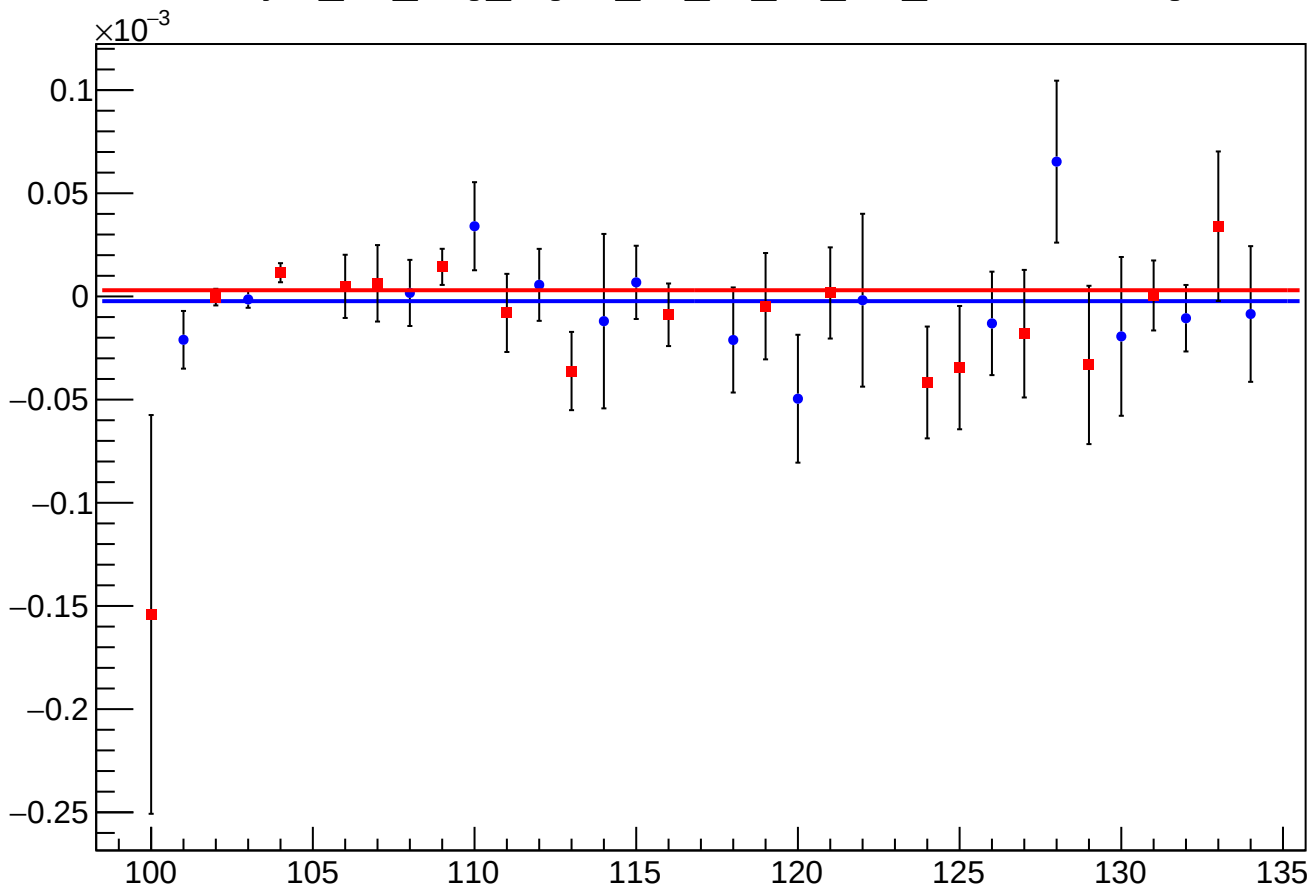
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.882+/-0.039 χ^2/NDF : 4133599.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_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: 20.1/16

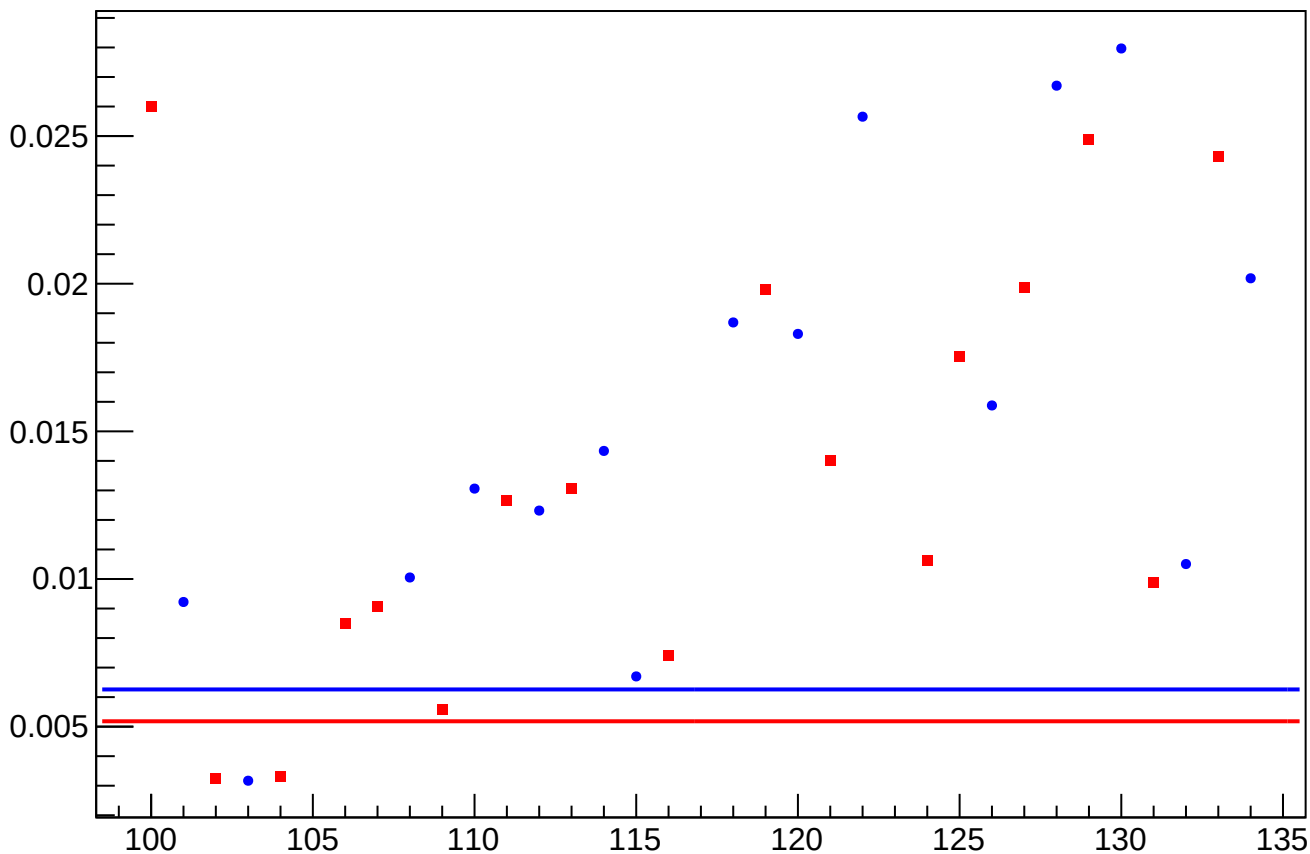
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 33.6/31

- sign 0.000 $\pm$ 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 : 4840088.7/16

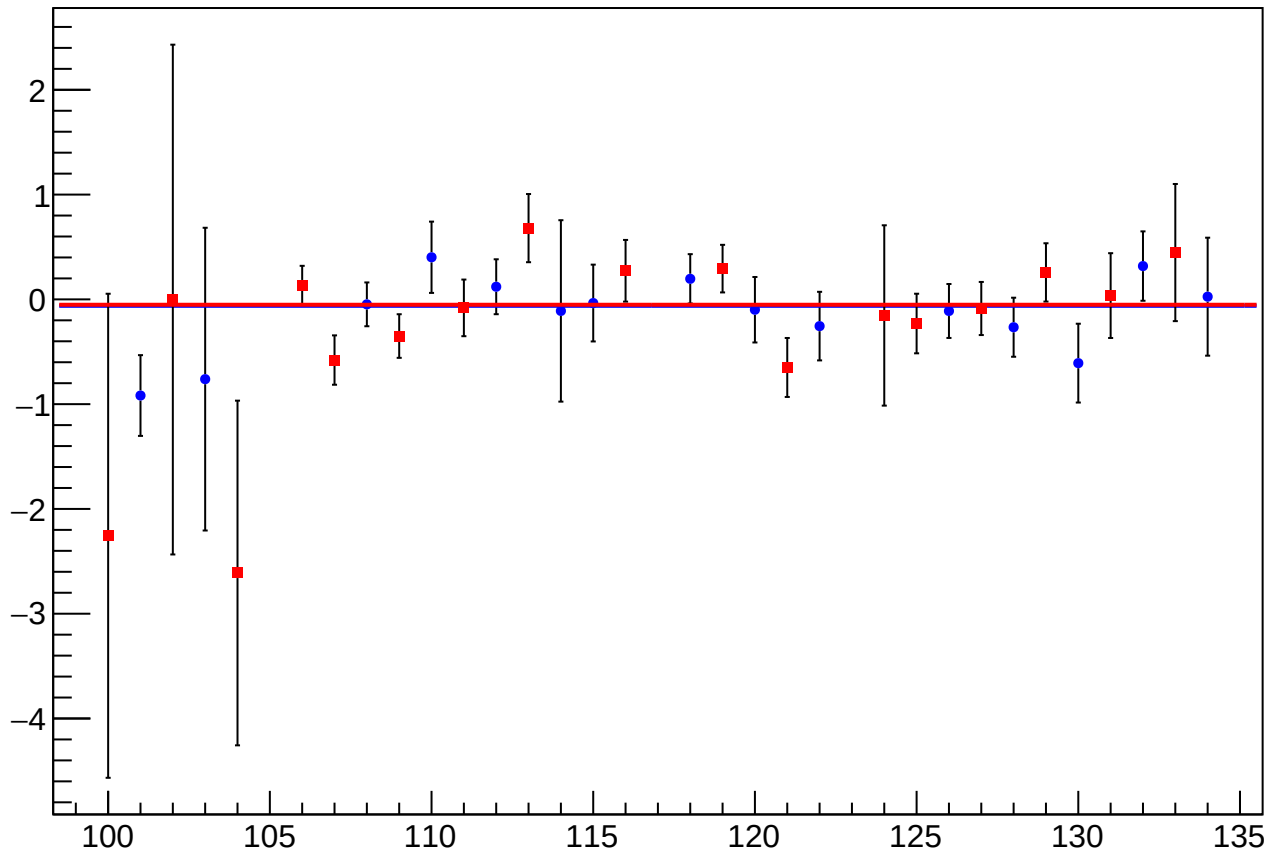
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 10018723.2/31

- 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: -0.051 ± 0.073 χ^2/NDF : 26.9/16

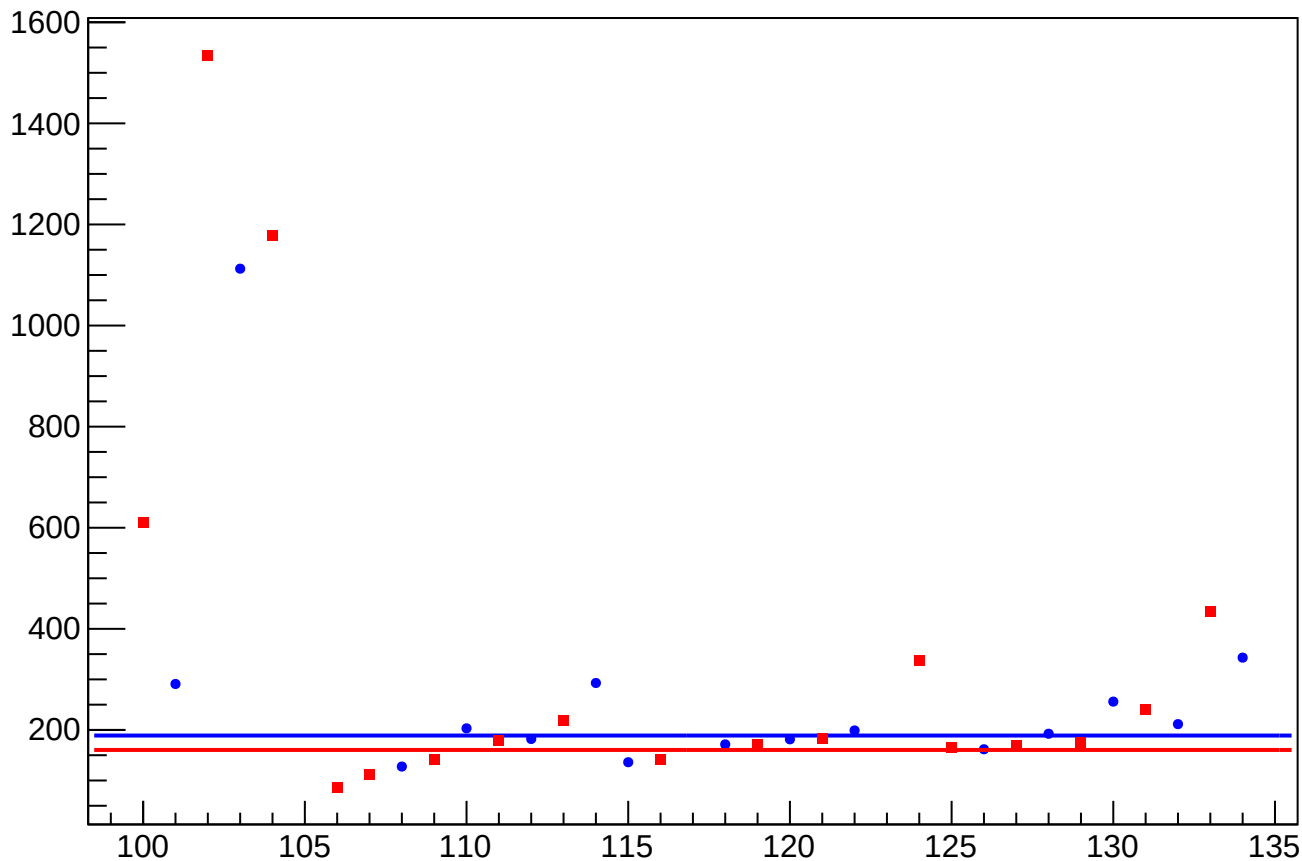
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.056 ± 0.055 χ^2/NDF : 40.0/31

- 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+/-0.058 χ^2/NDF : 1464402.2/14

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

Right Out: 160.420+/-0.051 χ^2/NDF : 2534880.1/16

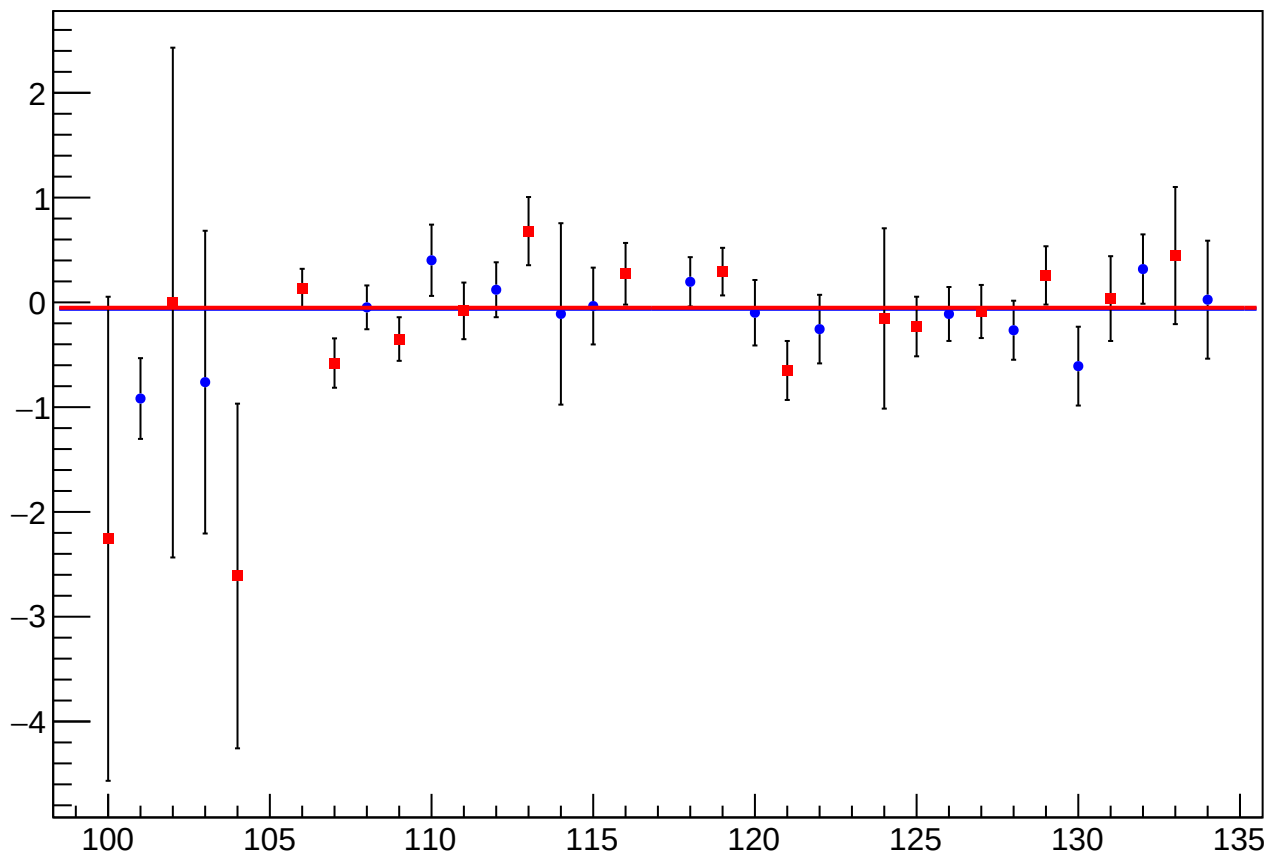
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.881+/-0.039 χ^2/NDF : 4133540.9/31

- sign 0.000+/-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 χ^2 /NDF: 13.1/14

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

Right Out: -0.051+/-0.073 χ^2 /NDF: 26.9/16

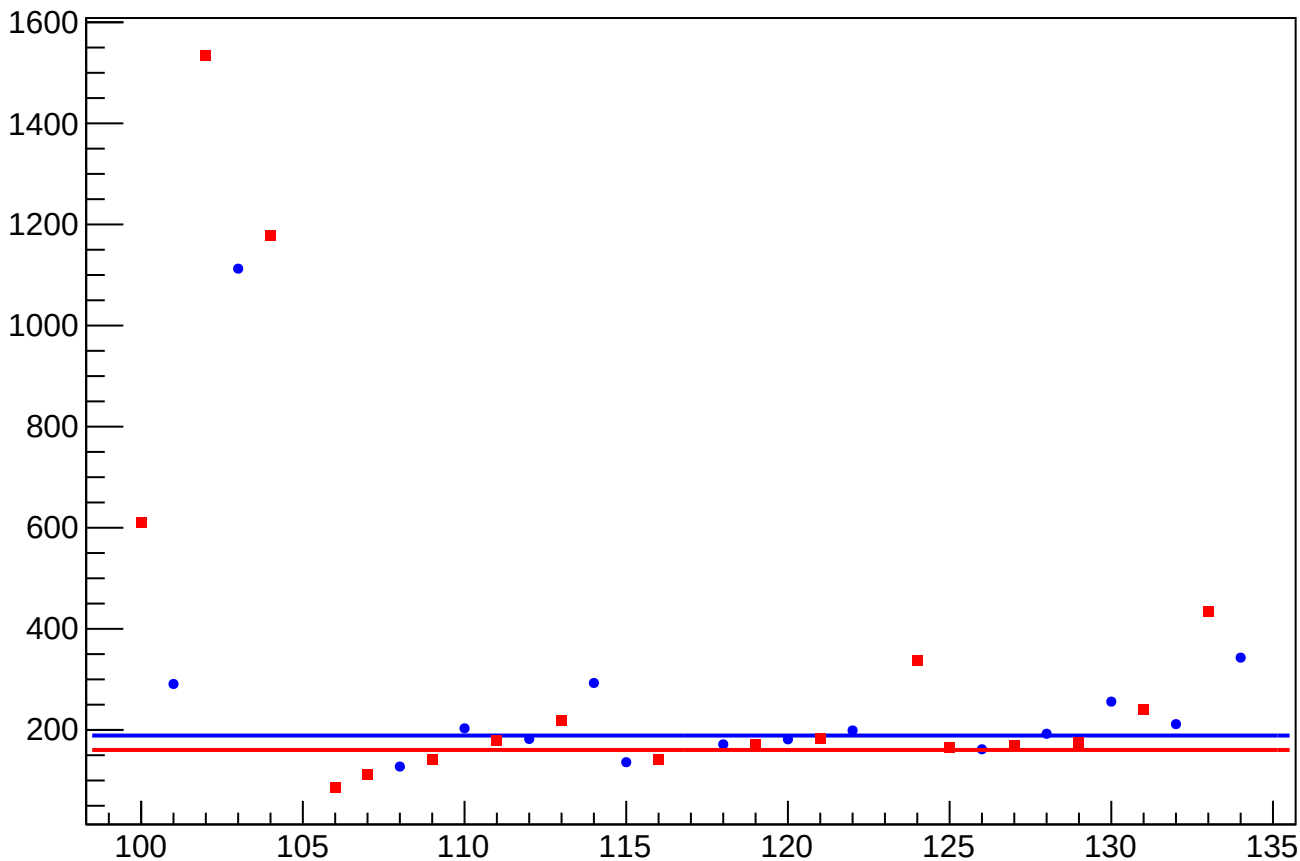
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.056+/-0.055 χ^2 /NDF: 40.0/31

- sign 0.000+/-0.000 χ^2 /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

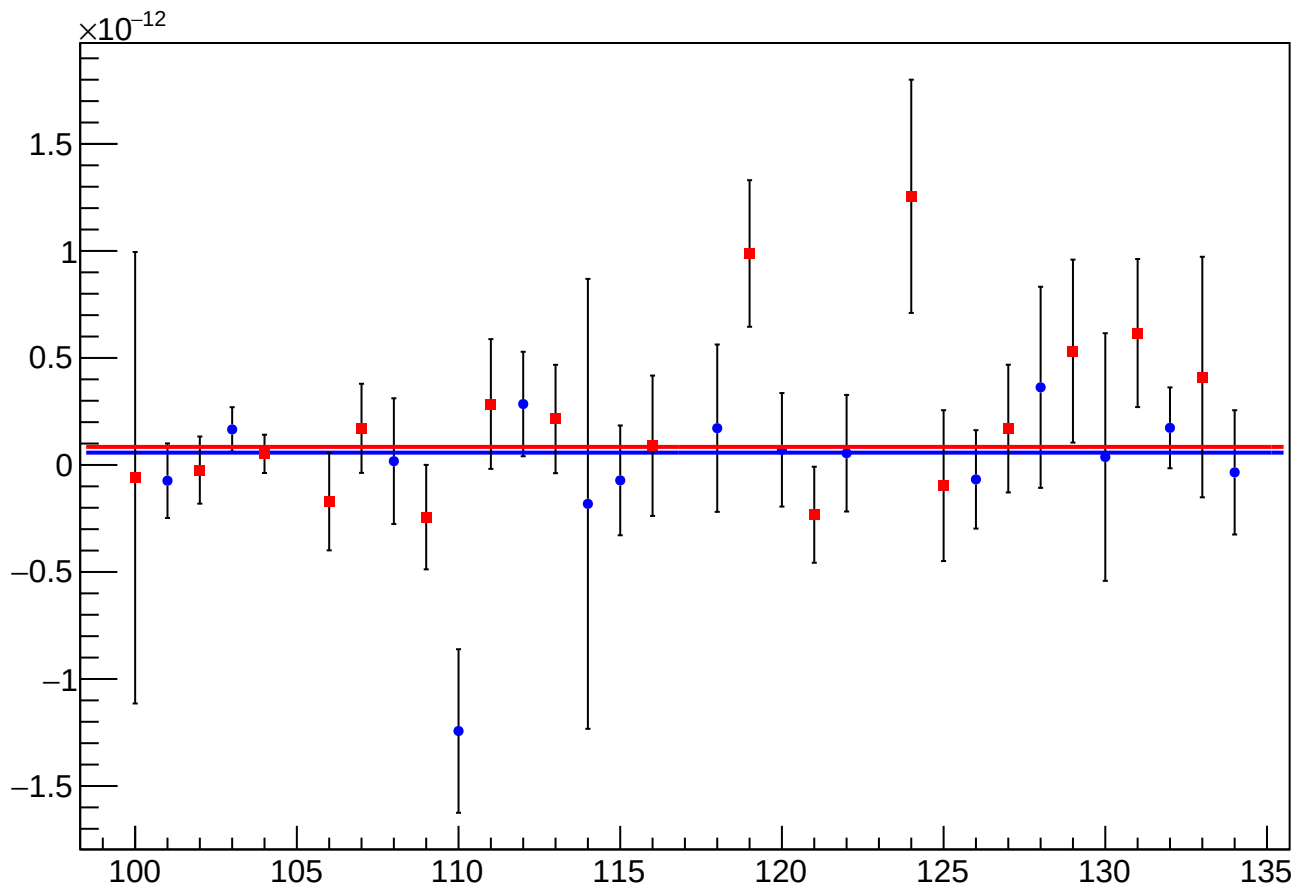
Right Out: 160.420+/-0.051 χ^2/NDF : 2534880.1/16

All: 172.881+/-0.039 χ^2/NDF : 4133540.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_atr_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.7/14

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.3/16

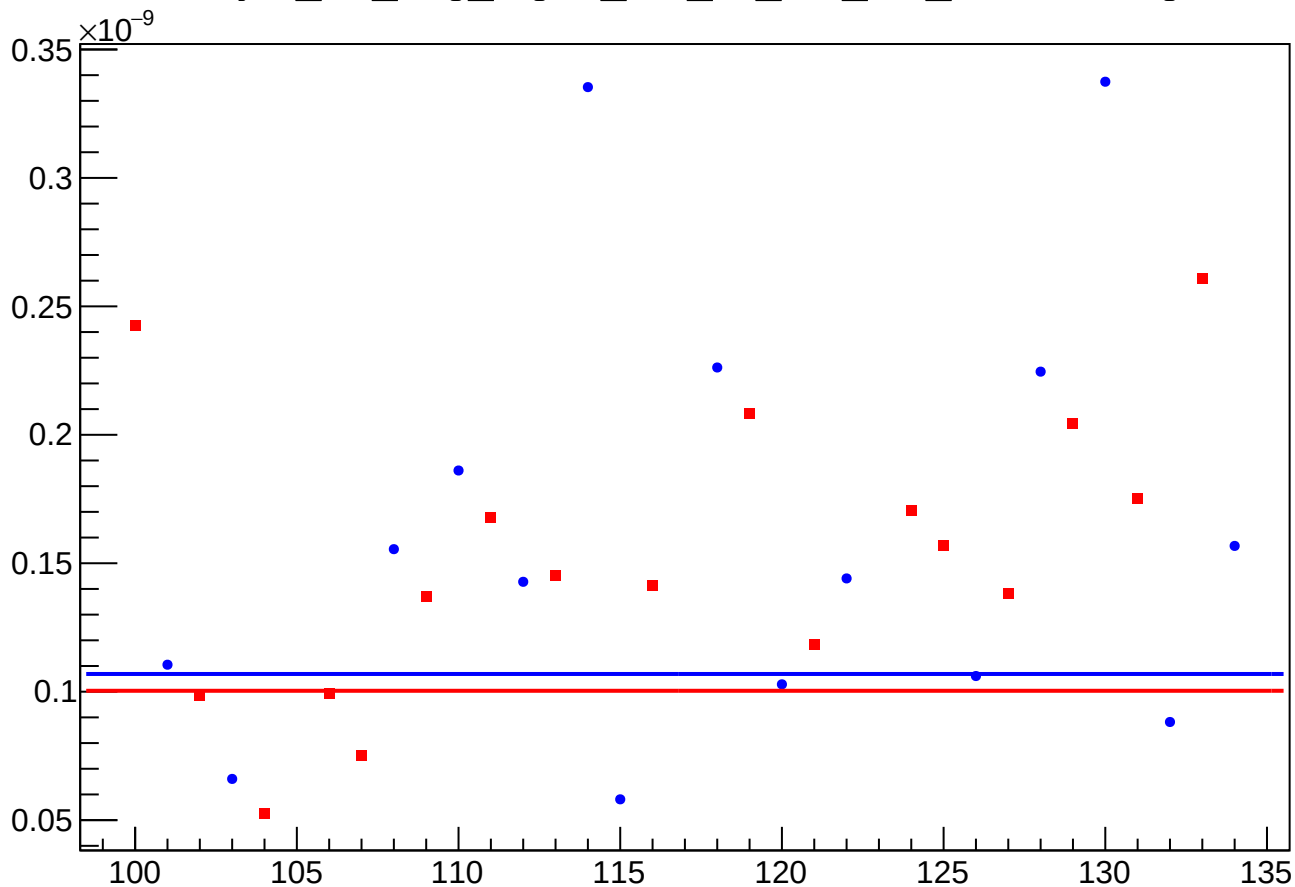
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 38.1/31

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

asym_atr_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1406914.8/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1578298.0/16

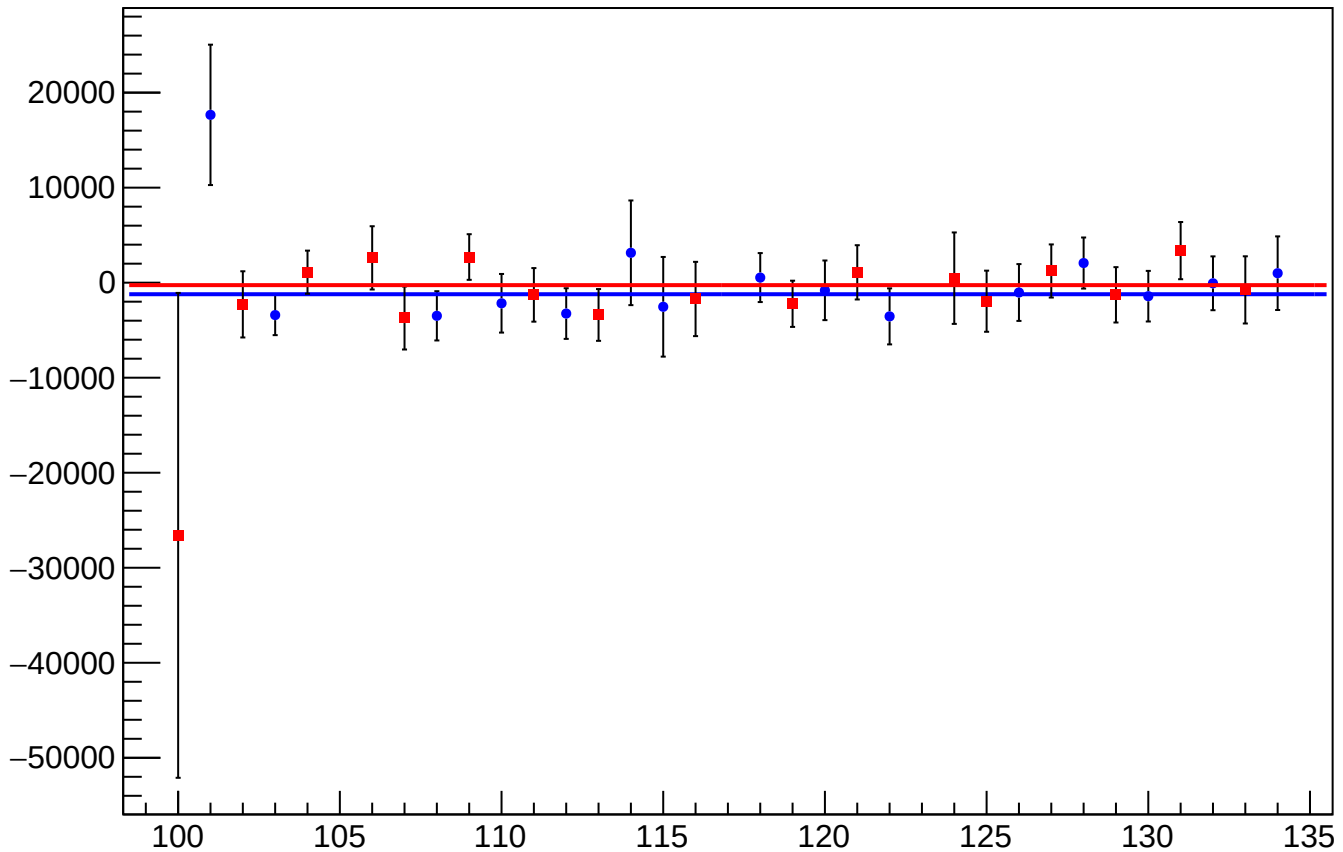
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2998107.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_mean vs Slug



Right In: -1215.604 $\pm$ 776.996 χ^2 /NDF: 12.8/14

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

Right Out: -258.642 $\pm$ 739.889 χ^2 /NDF: 9.8/16

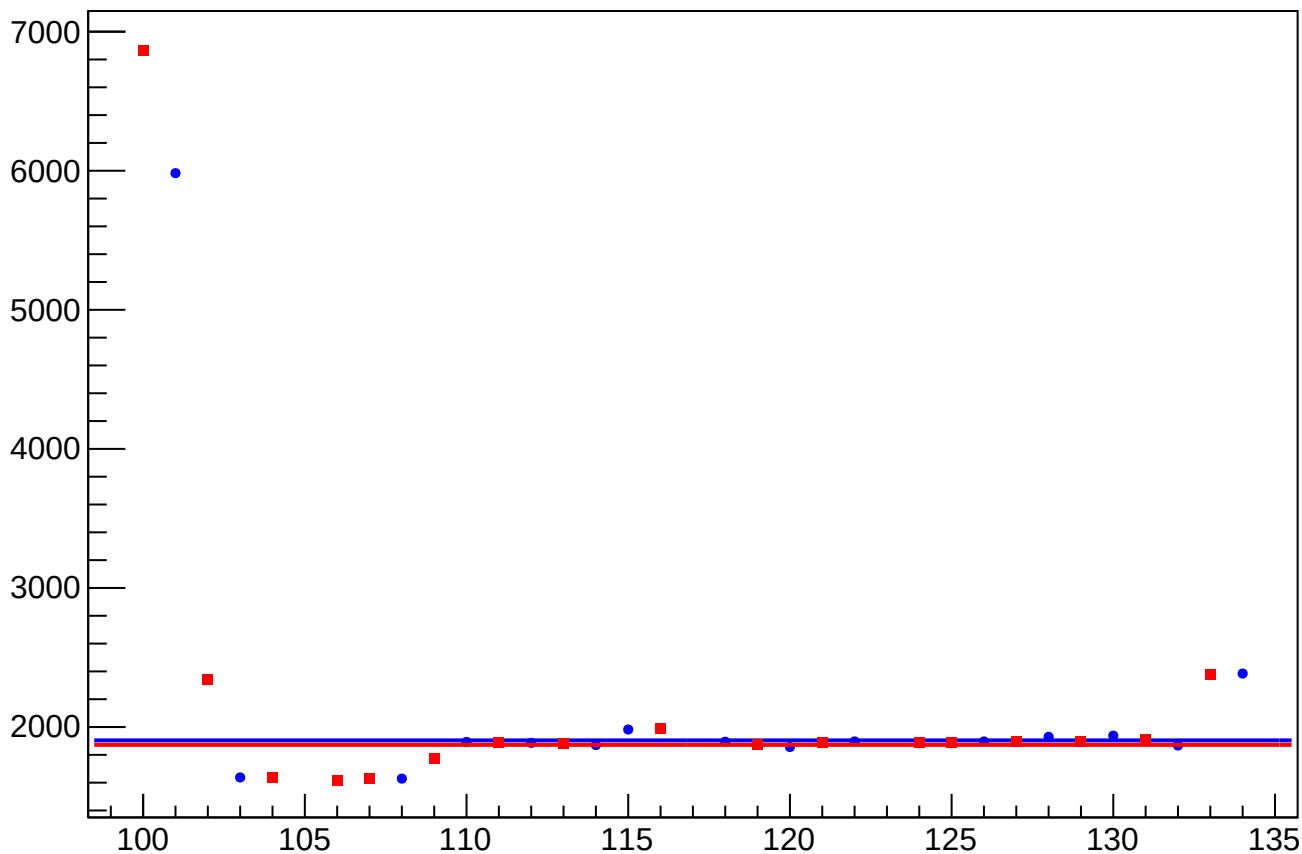
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -713.728 $\pm$ 535.819 χ^2 /NDF: 23.4/31

- sign 0.000 $\pm$ 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

Right Out: 1872.031+/-0.521 χ^2/NDF : 207352.8/16

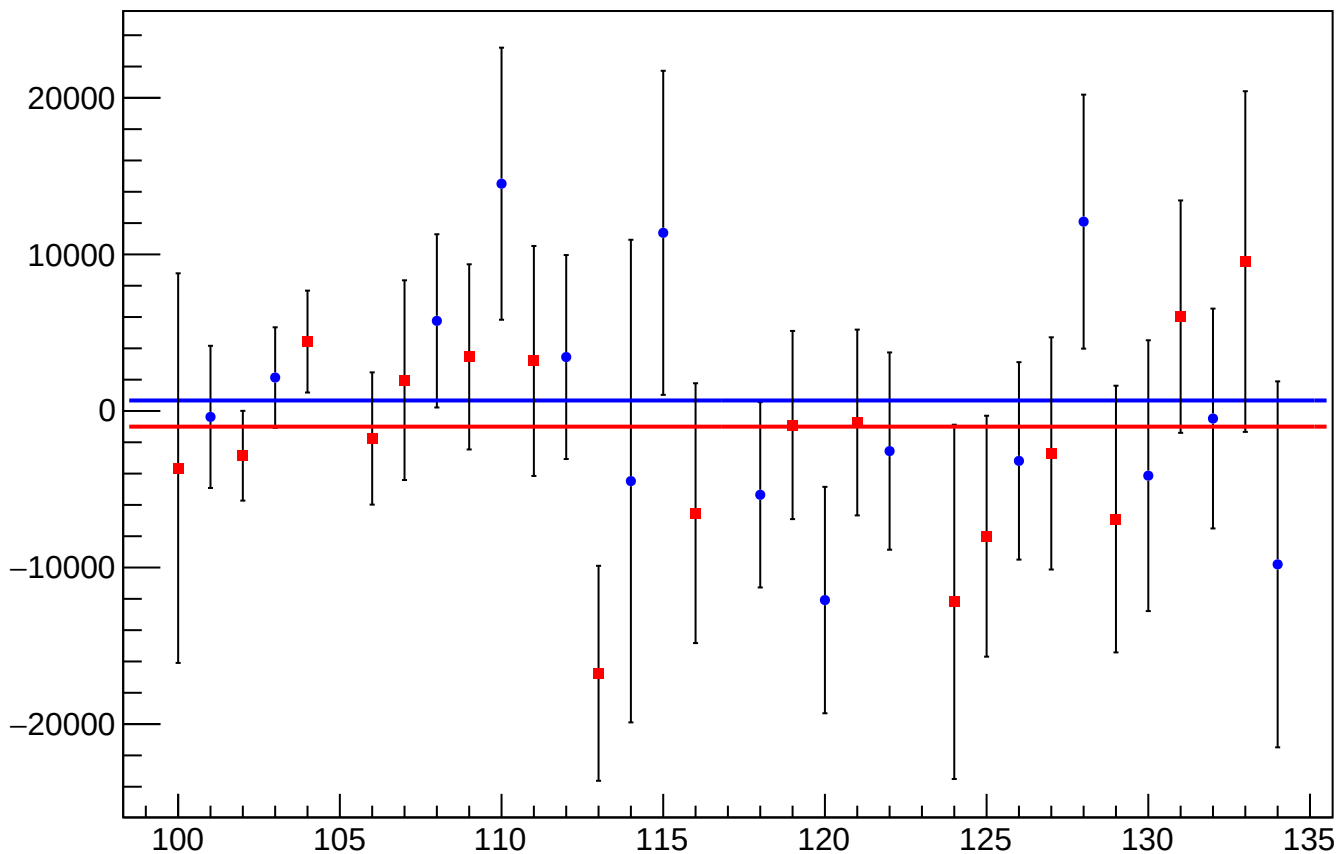
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1887.133+/-0.378 χ^2/NDF : 905998.7/31

- sign 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: -1000.774+/-1379.556 χ^2/NDF : 14.3/16

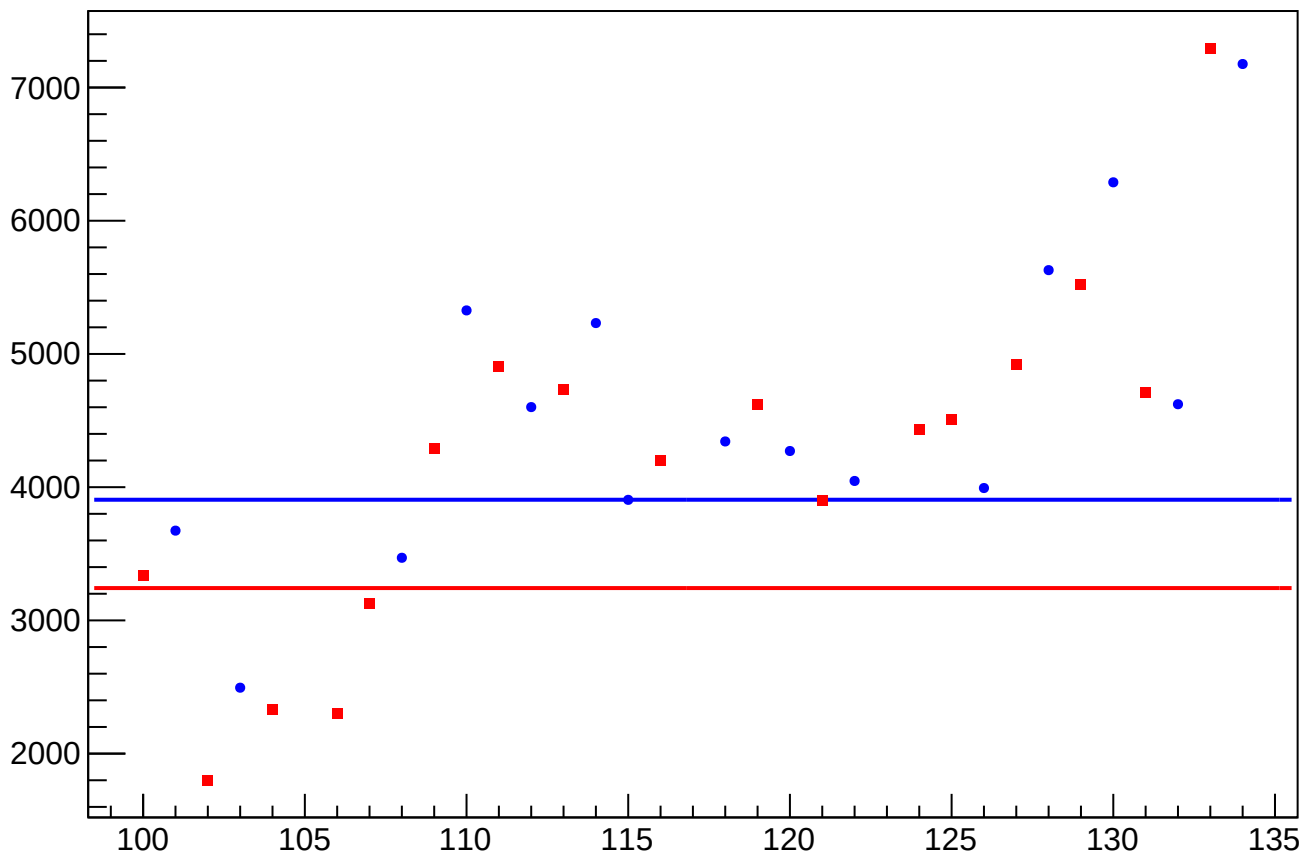
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -296.352+/-1049.254 χ^2/NDF : 27.8/31

- 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 $\chi^2/\text{NDF}: 932595.0/14$

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

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

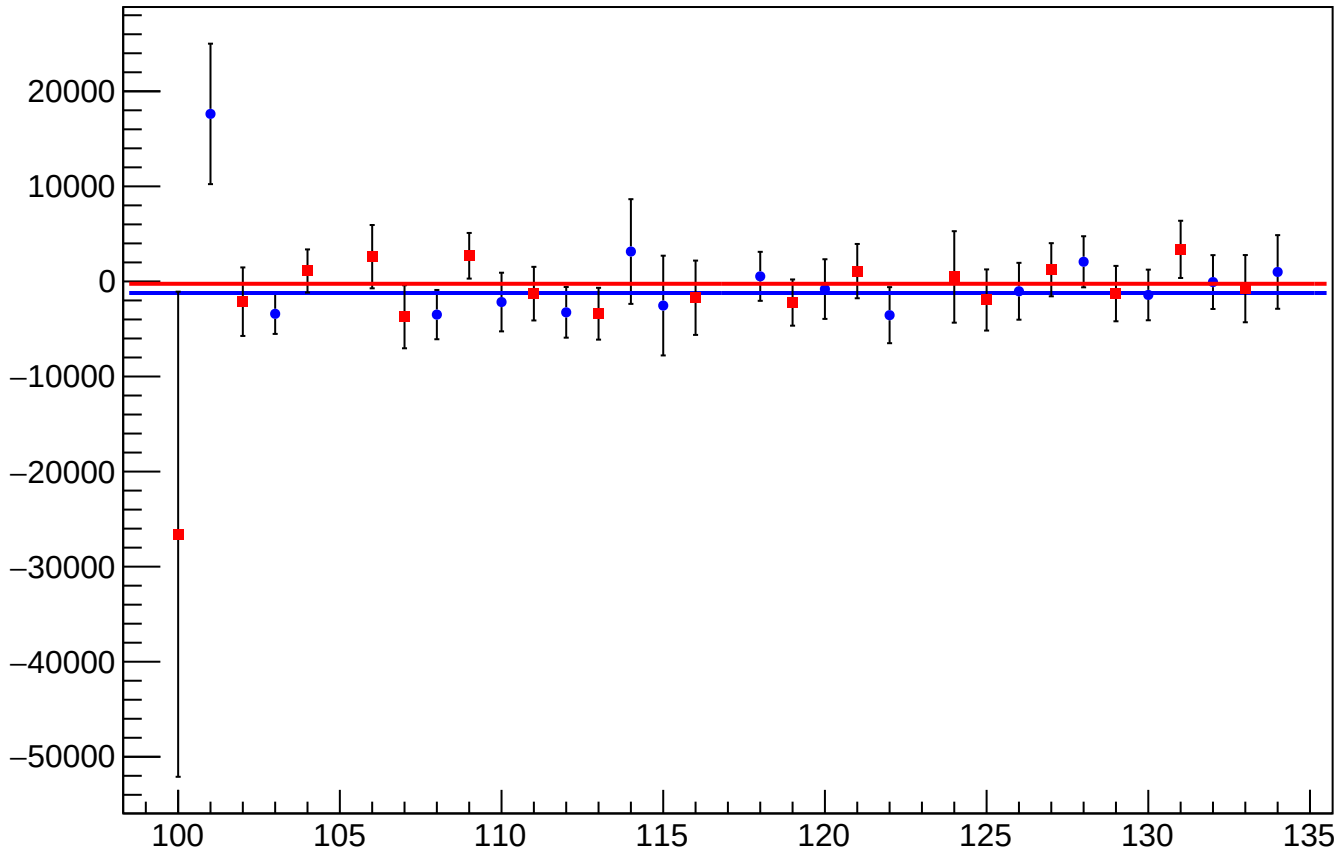
Right Out: 3242.656 ± 0.975 $\chi^2/\text{NDF}: 1859277.3/16$

All: 3522.157 ± 0.742 $\chi^2/\text{NDF}: 2986629.3/31$

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

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

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: -246.820 $\pm$ 740.996 χ^2 /NDF: 9.7/16

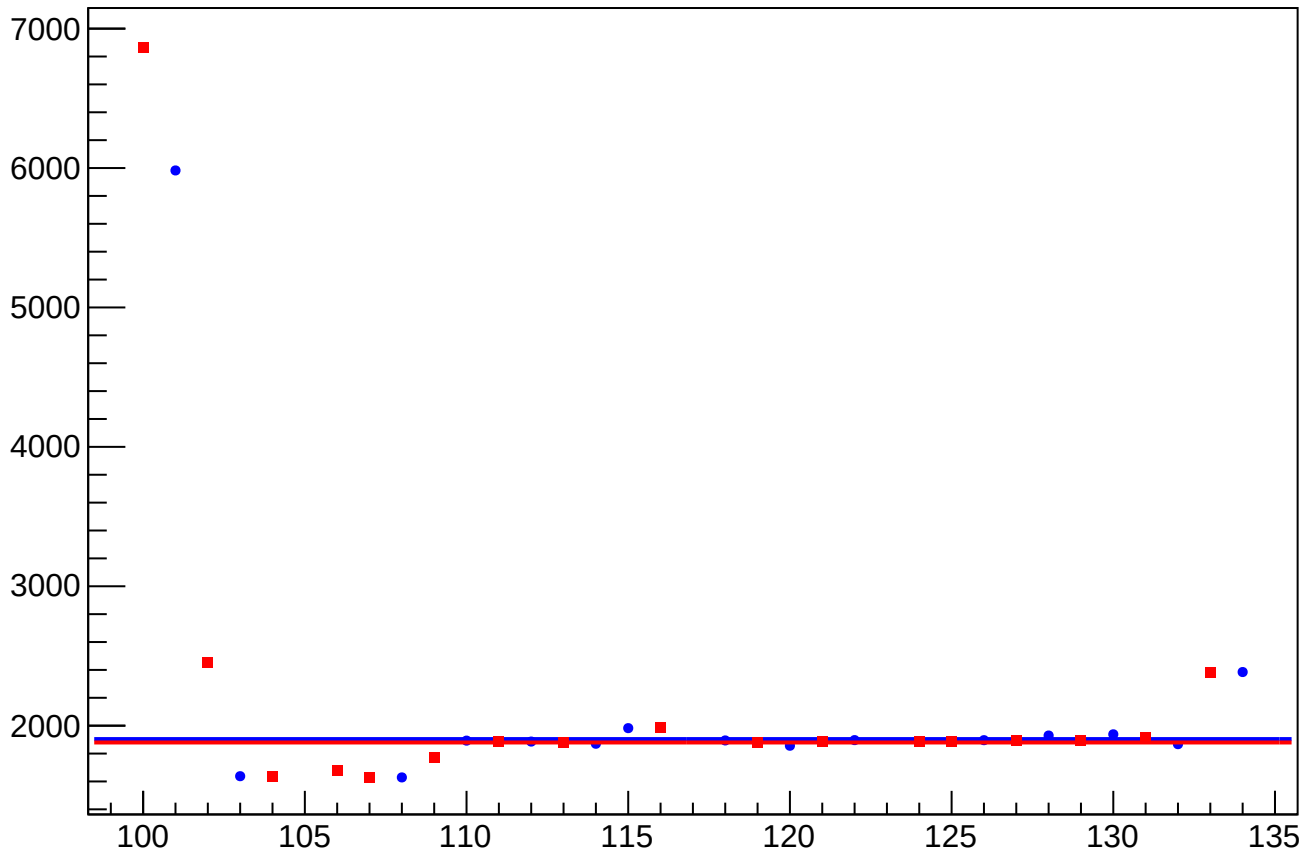
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -708.455 $\pm$ 536.238 χ^2 /NDF: 23.3/31

- 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: 1879.505+/-0.523 χ^2/NDF : 216361.6/16

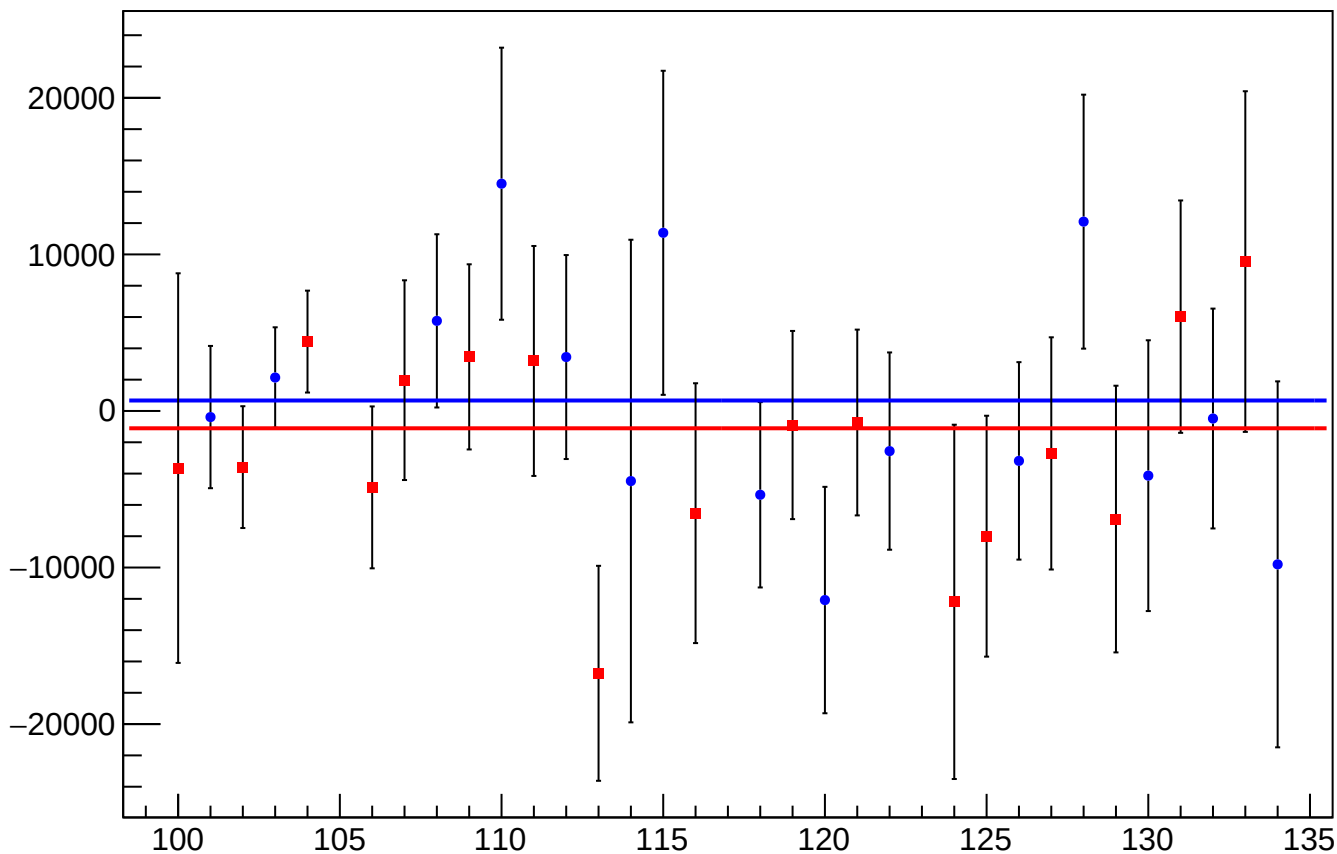
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1891.110+/-0.379 χ^2/NDF : 914270.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_cor_correction_mean vs Slug



Right In: 668.746+/-1616.323 χ^2/NDF : 12.9/14

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

Right Out: -1106.200+/-1488.758 χ^2/NDF : 14.8/16

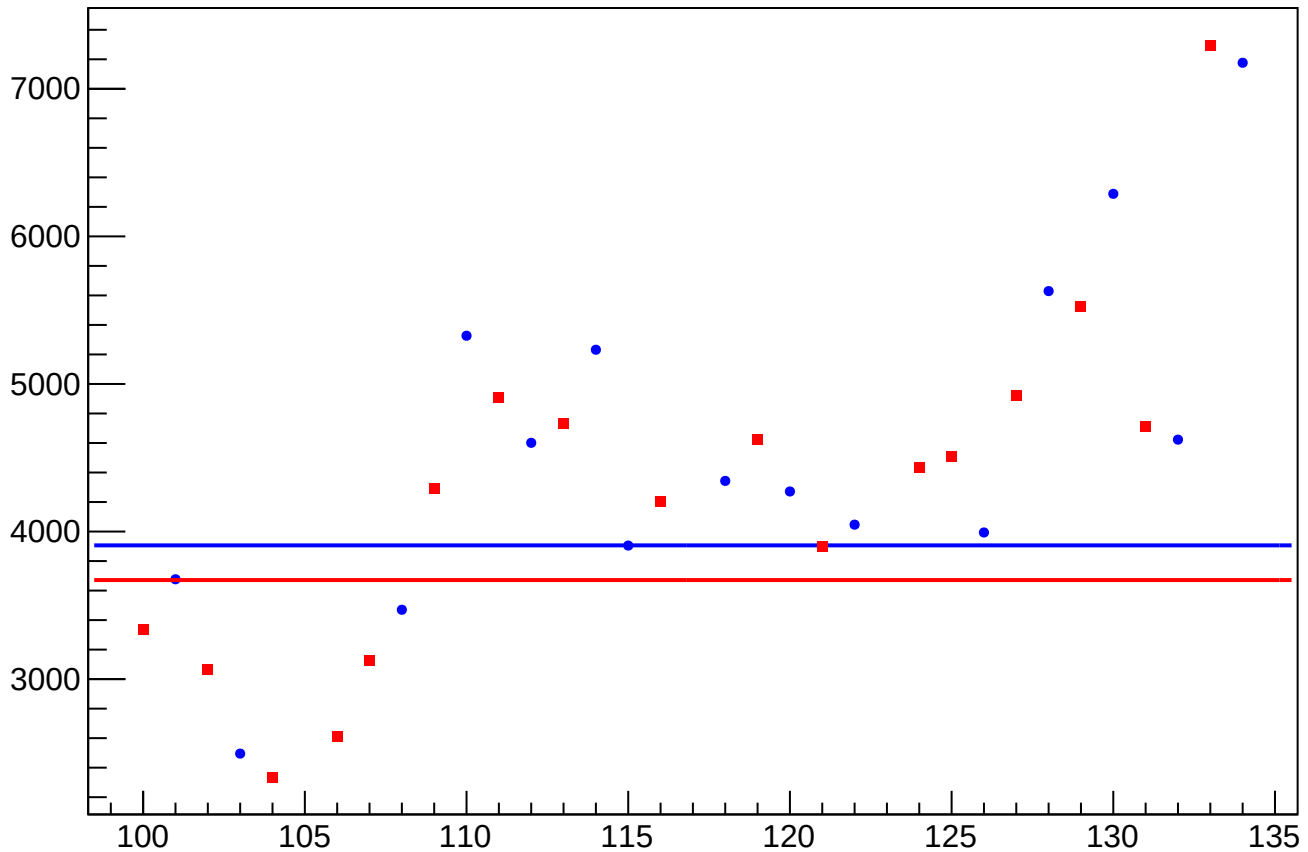
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -291.524+/-1095.036 χ^2/NDF : 28.4/31

- sign 0.000+/-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

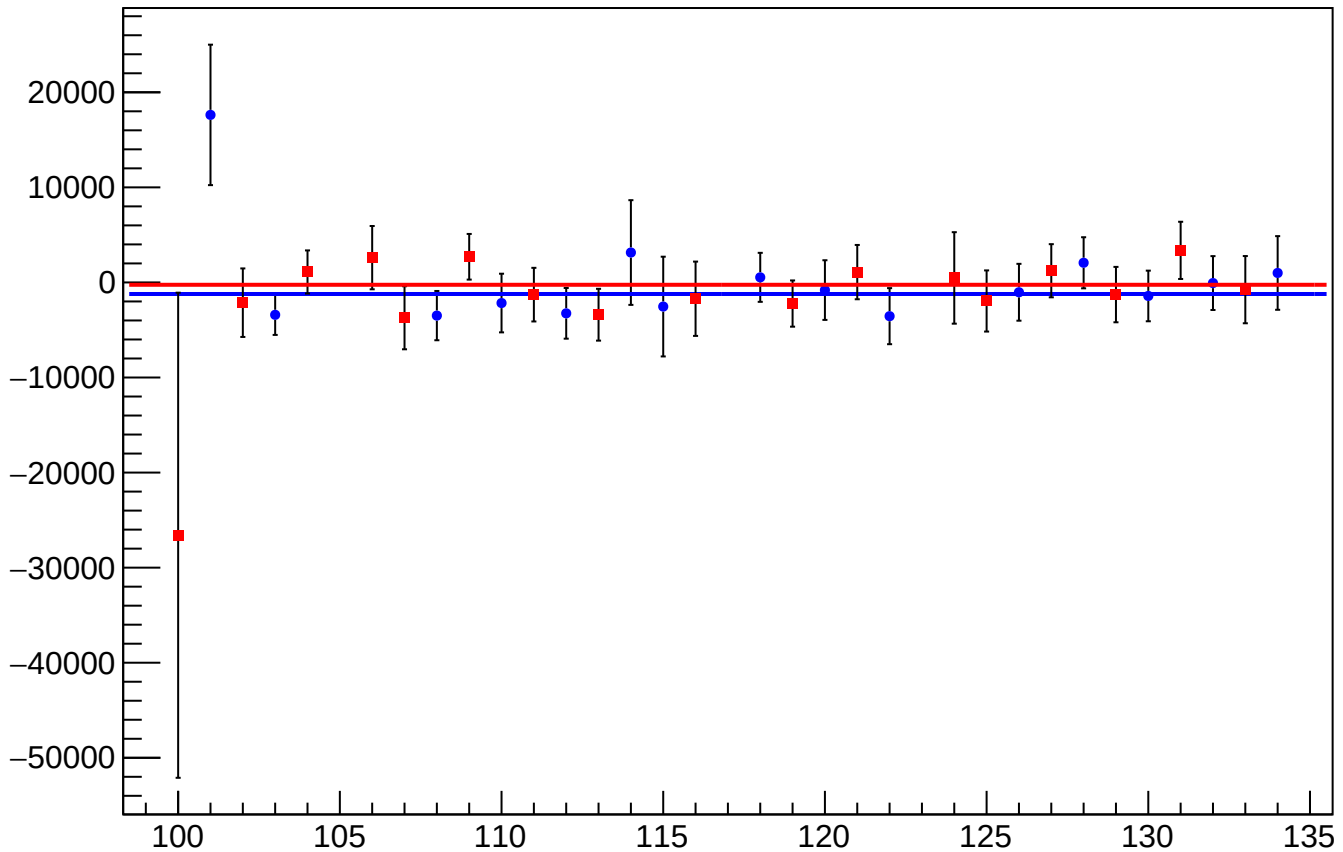
Right Out: 3671.244+/-1.053 χ^2/NDF : 1119715.4/16

All: 3779.164+/-0.774 χ^2/NDF : 2074675.1/31

- 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_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: -246.820 $\pm$ 740.996 χ^2 /NDF: 9.7/16

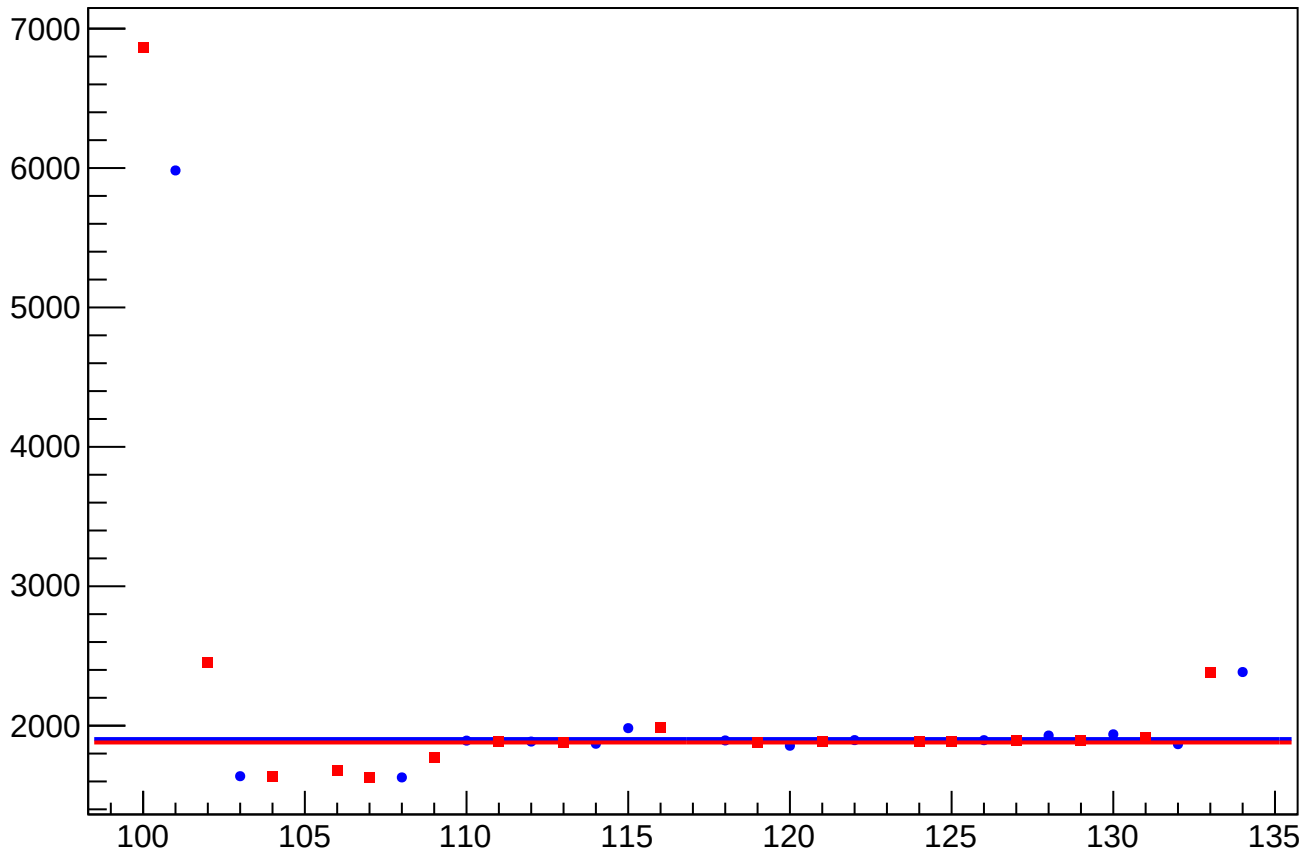
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -708.455 $\pm$ 536.238 χ^2 /NDF: 23.3/31

- 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: 1879.505+/-0.523 χ^2/NDF : 216361.6/16

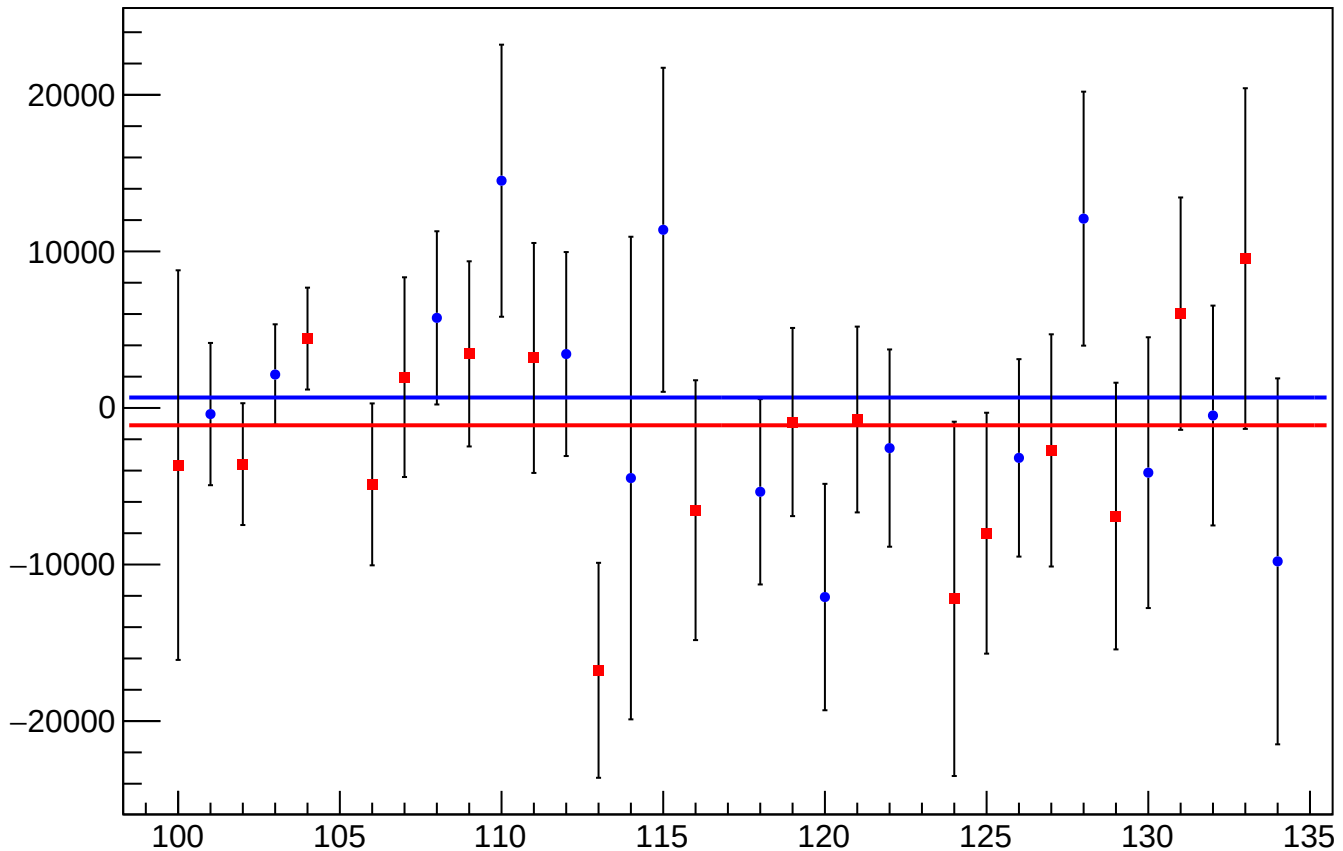
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1891.110+/-0.379 χ^2/NDF : 914270.6/31

- 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: -1106.200 $\pm$ 1488.758 χ^2 /NDF: 14.8/16

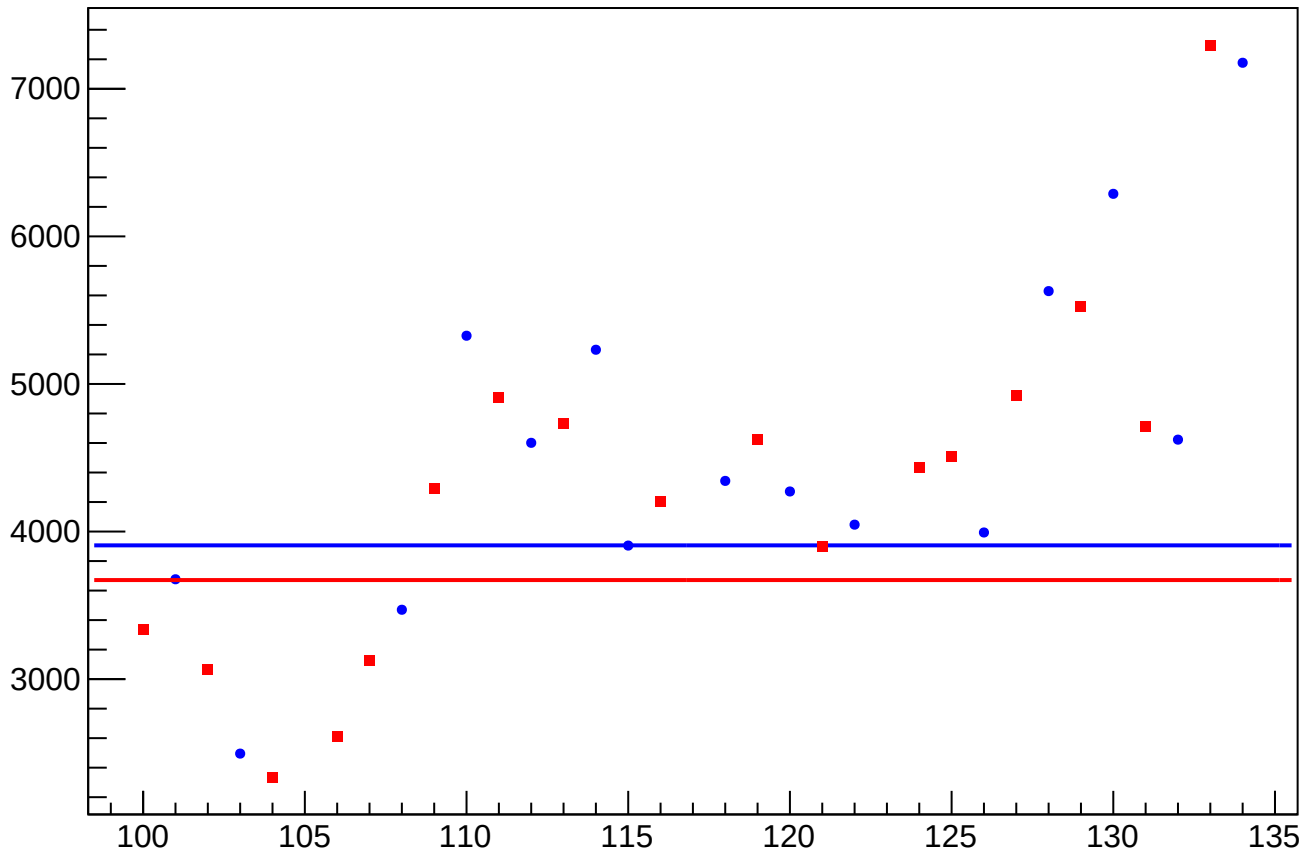
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -291.524 $\pm$ 1095.036 χ^2 /NDF: 28.4/31

- 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

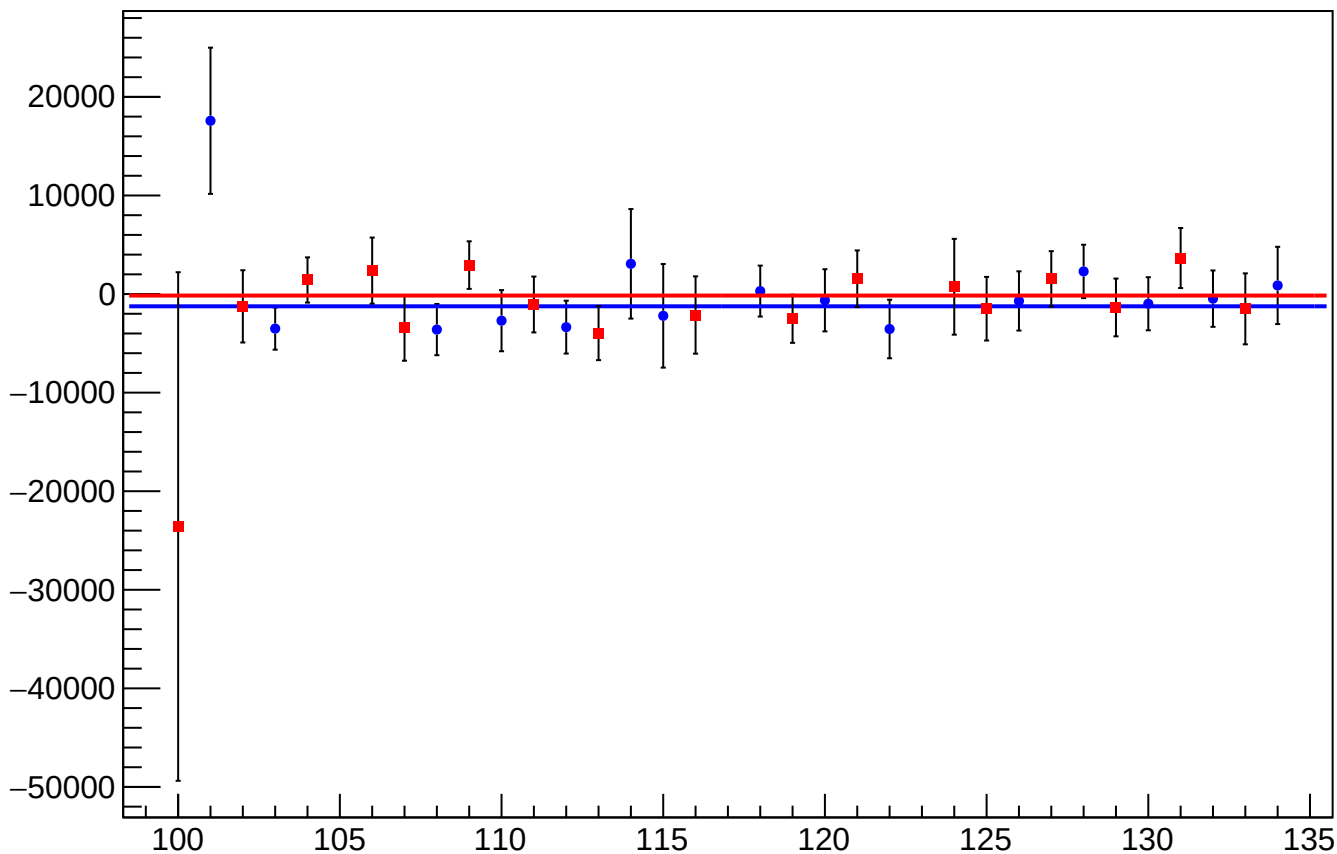
Right Out: 3671.244+/-1.053 χ^2/NDF : 1119715.4/16

All: 3779.164+/-0.774 χ^2/NDF : 2074675.1/31

- 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_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: -153.492+/-746.343 χ^2/NDF : 10.6/16

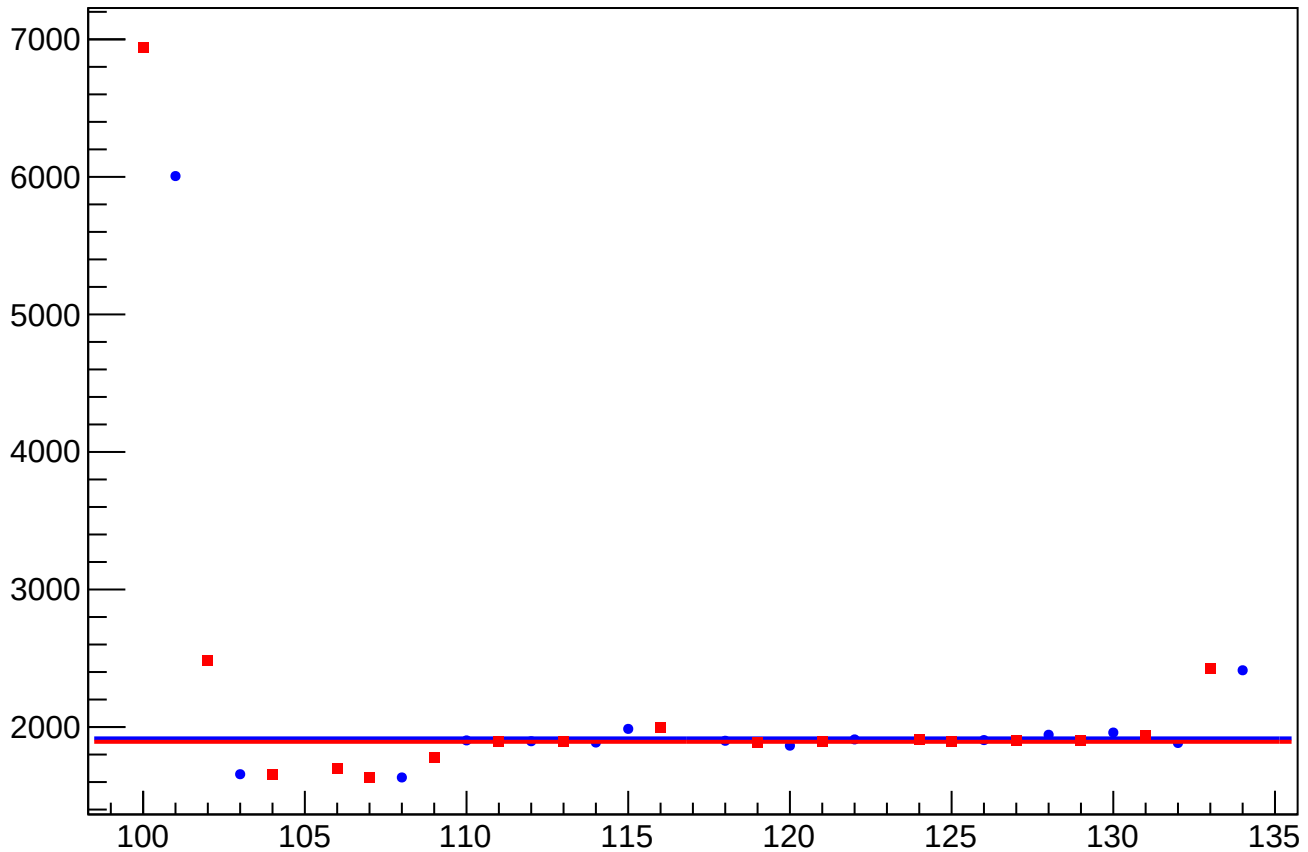
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -672.393+/-540.066 χ^2/NDF : 24.6/31

- 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

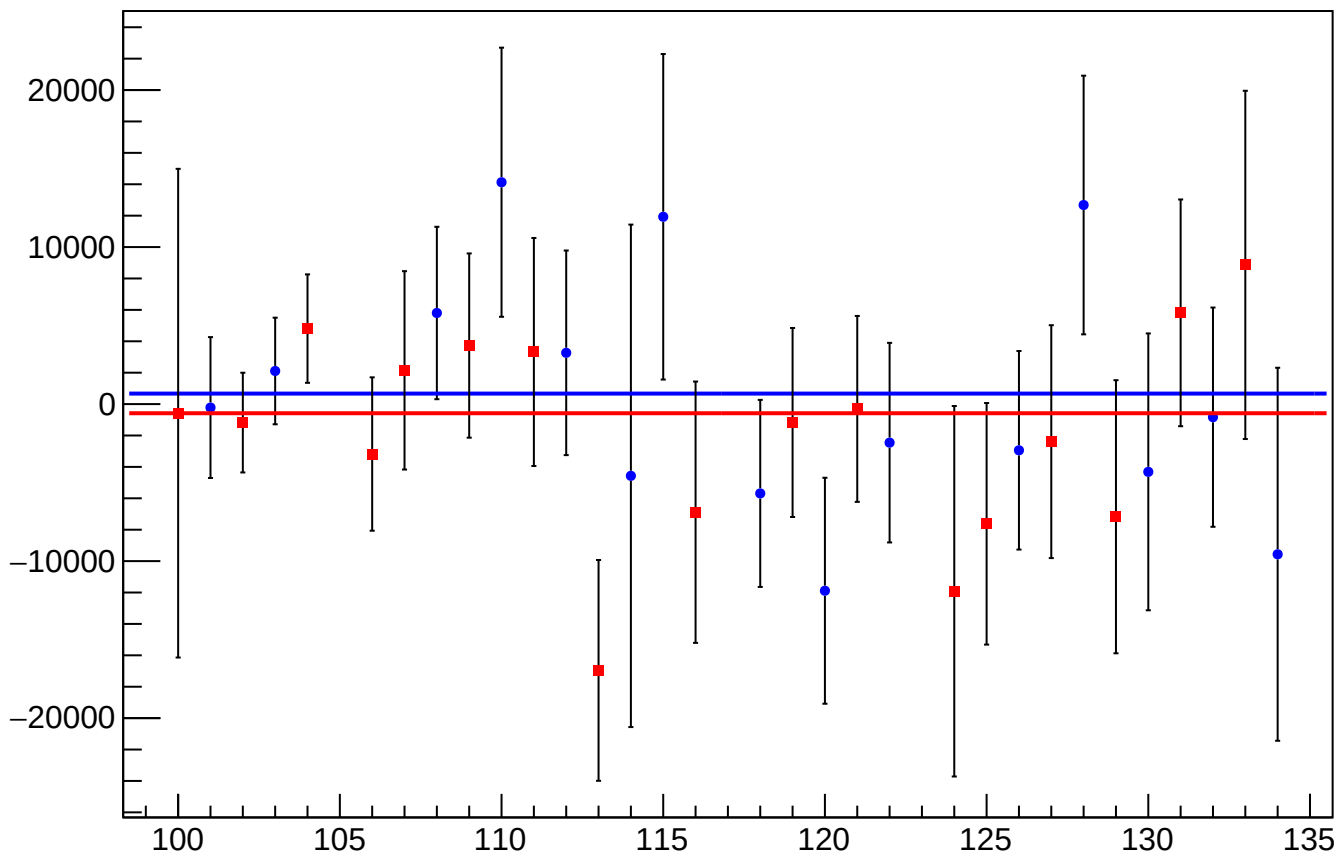
Right Out: 1892.749+/-0.527 χ^2/NDF : 219538.1/16

All: 1904.489+/-0.382 χ^2/NDF : 916179.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_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: -582.597 ± 1449.777 χ^2/NDF : 13.7/16

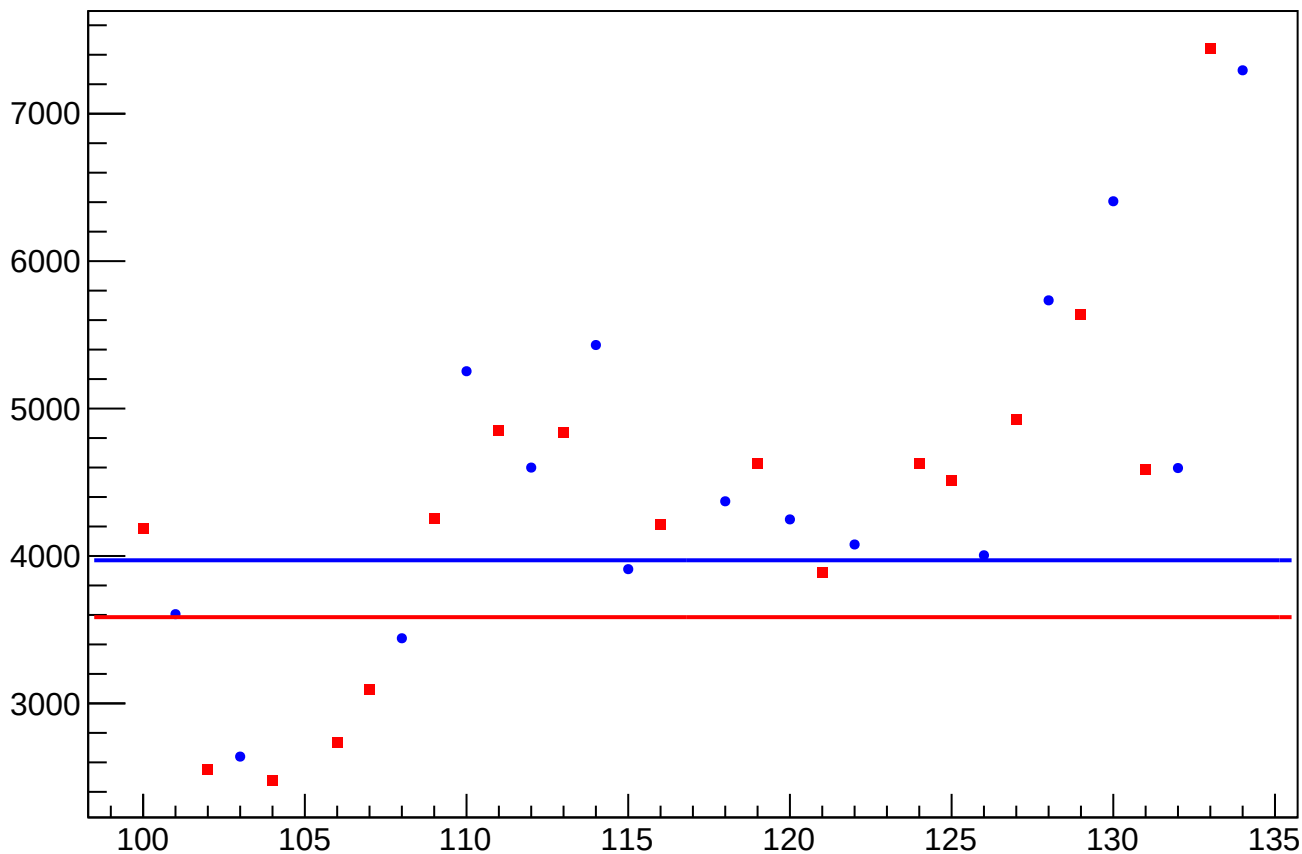
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -32.837 ± 1085.738 χ^2/NDF : 27.0/31

- 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

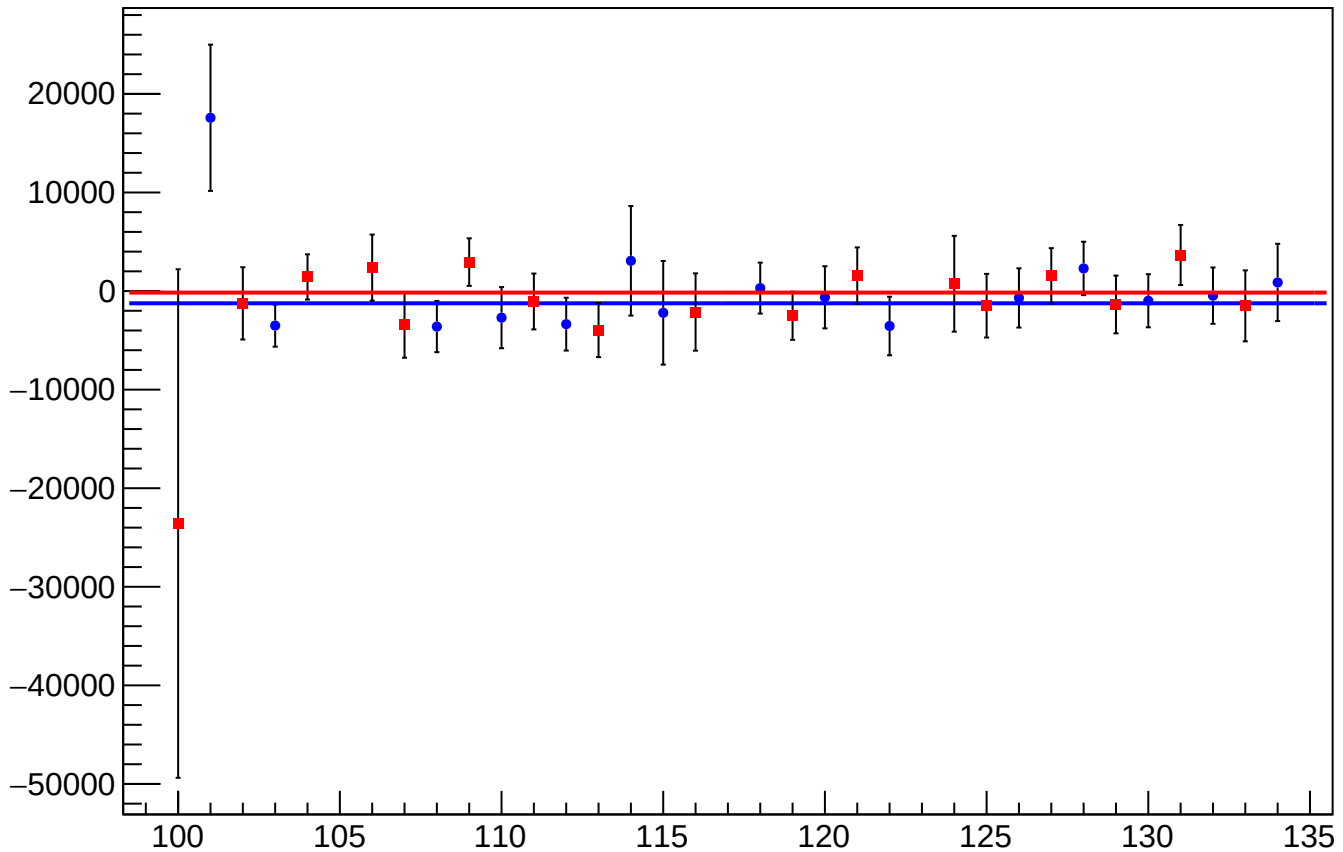
Right Out: 3585.041+/-1.025 χ^2/NDF : 1221572.1/16

All: 3754.453+/-0.768 χ^2/NDF : 2133097.0/31

- 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_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: -153.487+/-746.343 χ^2/NDF : 10.6/16

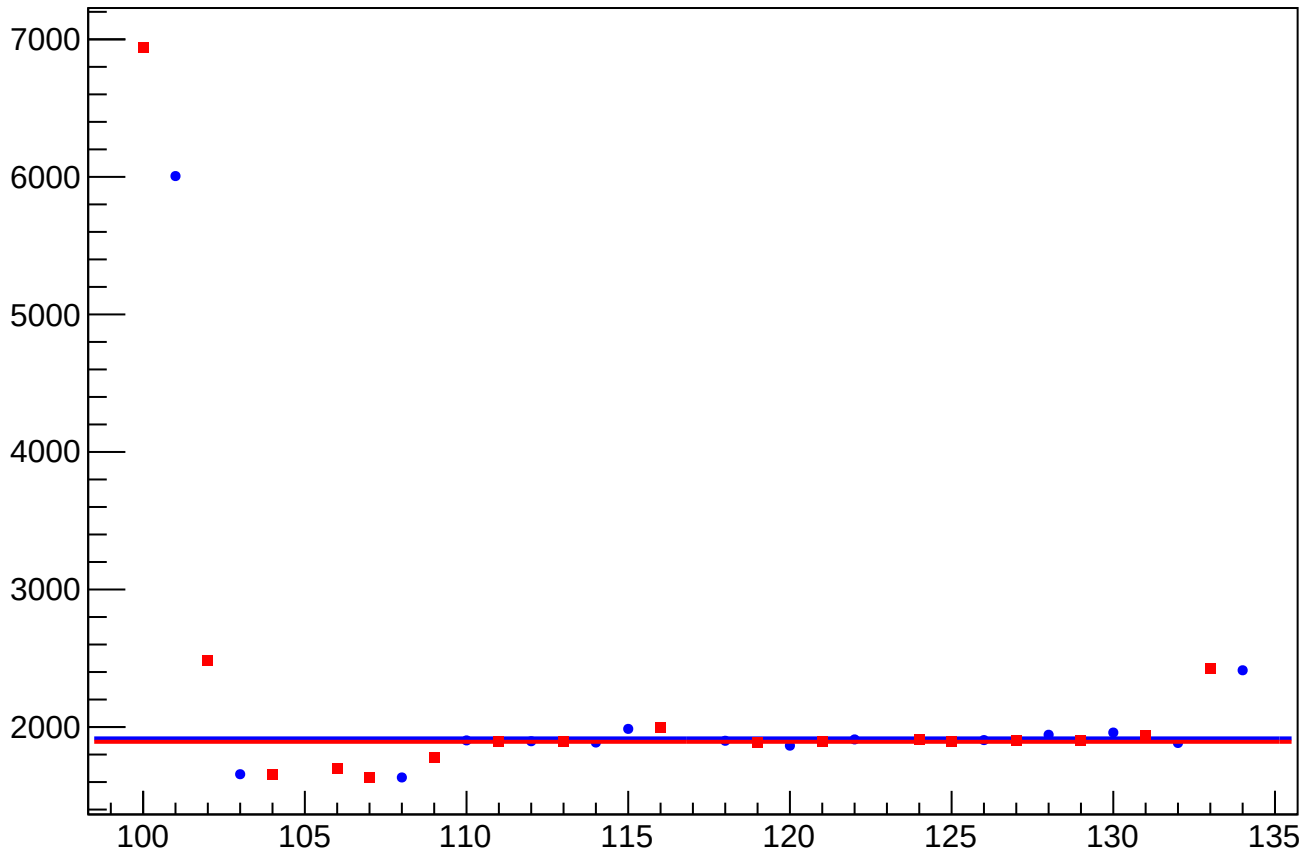
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -672.391+/-540.066 χ^2/NDF : 24.6/31

- 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

Right Out: 1892.749+/-0.527 χ^2/NDF : 219538.1/16

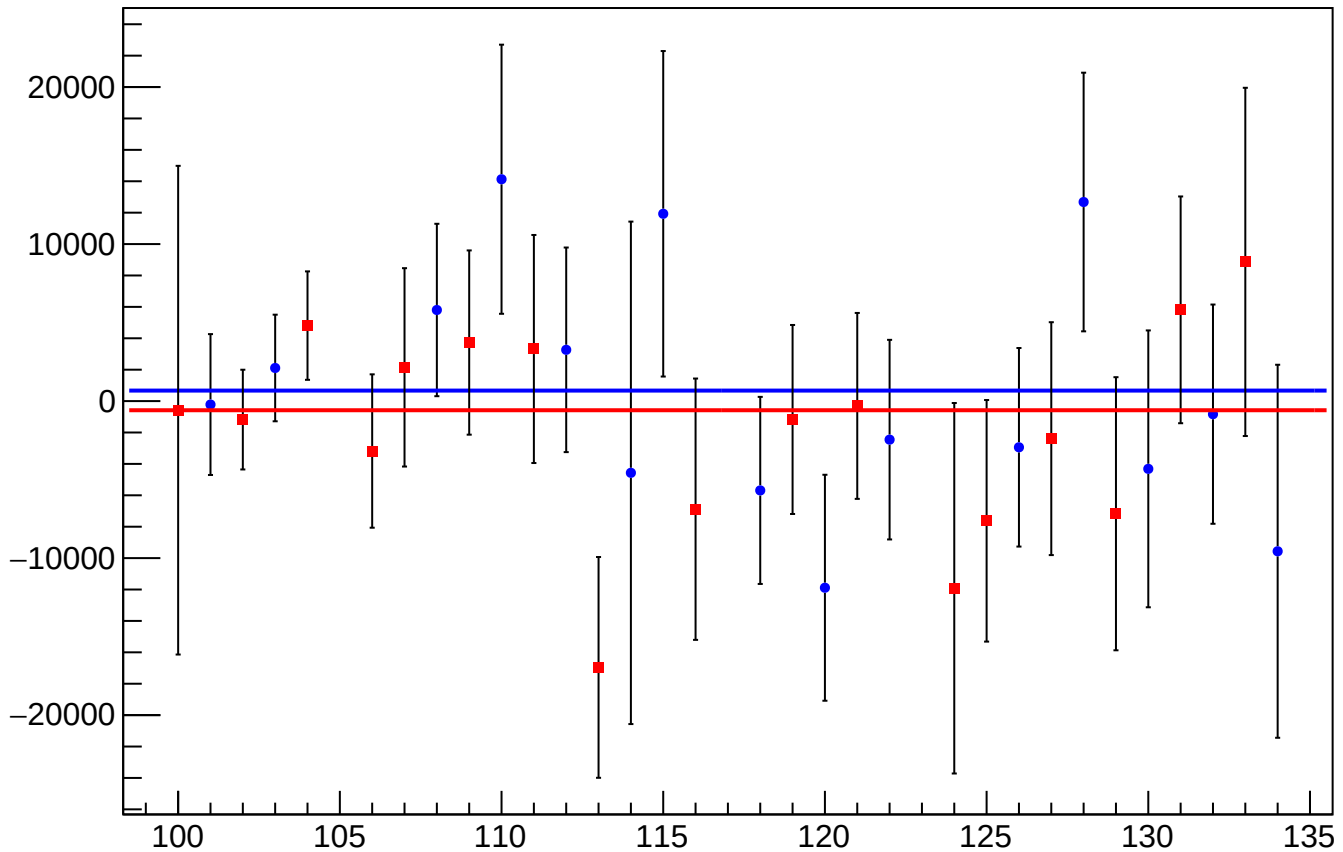
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1904.488+/-0.382 χ^2/NDF : 916179.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_dit_correction_mean vs Slug



Right In: 669.275 $\pm$ 1638.394 χ^2 /NDF: 13.0/14

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

Right Out: -582.596 $\pm$ 1449.775 χ^2 /NDF: 13.7/16

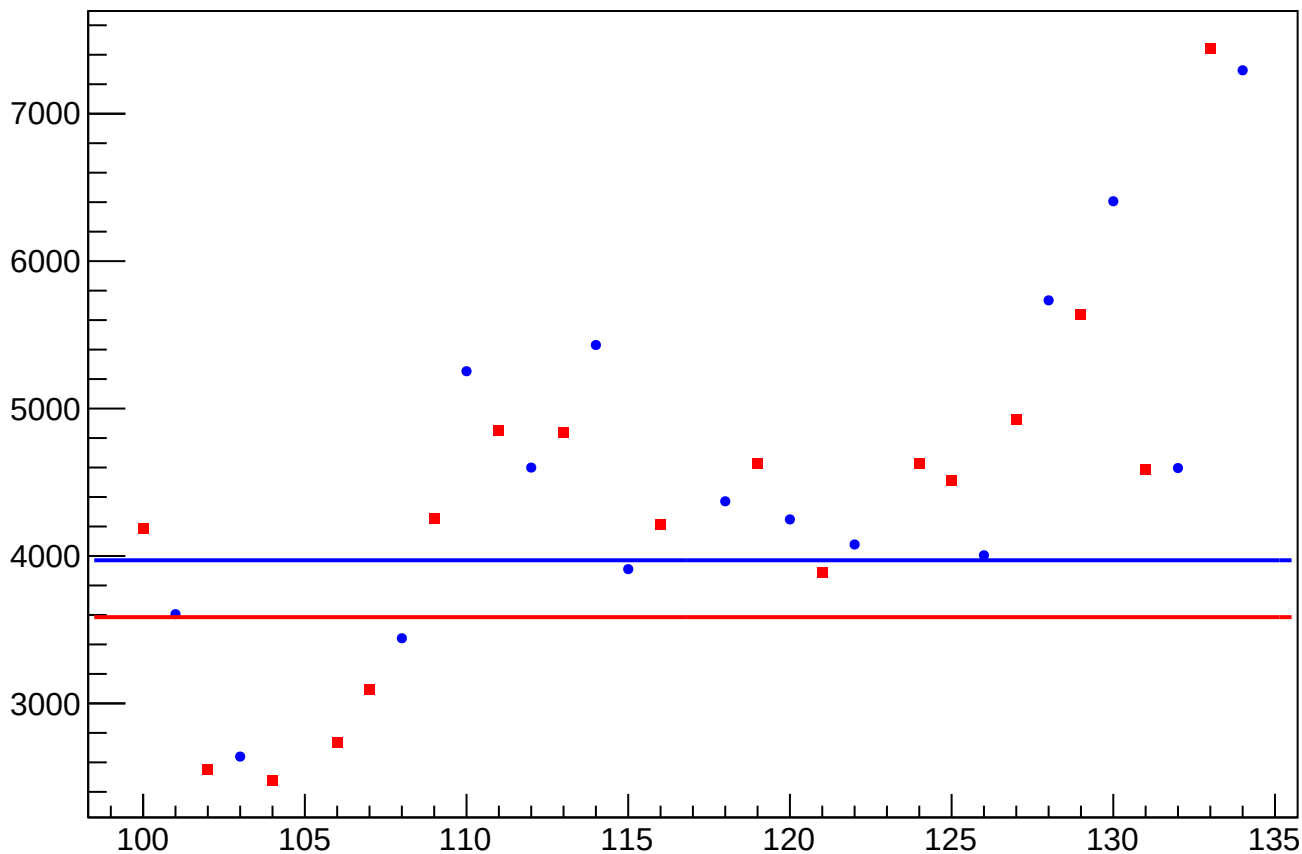
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -32.838 $\pm$ 1085.736 χ^2 /NDF: 27.0/31

- sign 0.000 $\pm$ 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

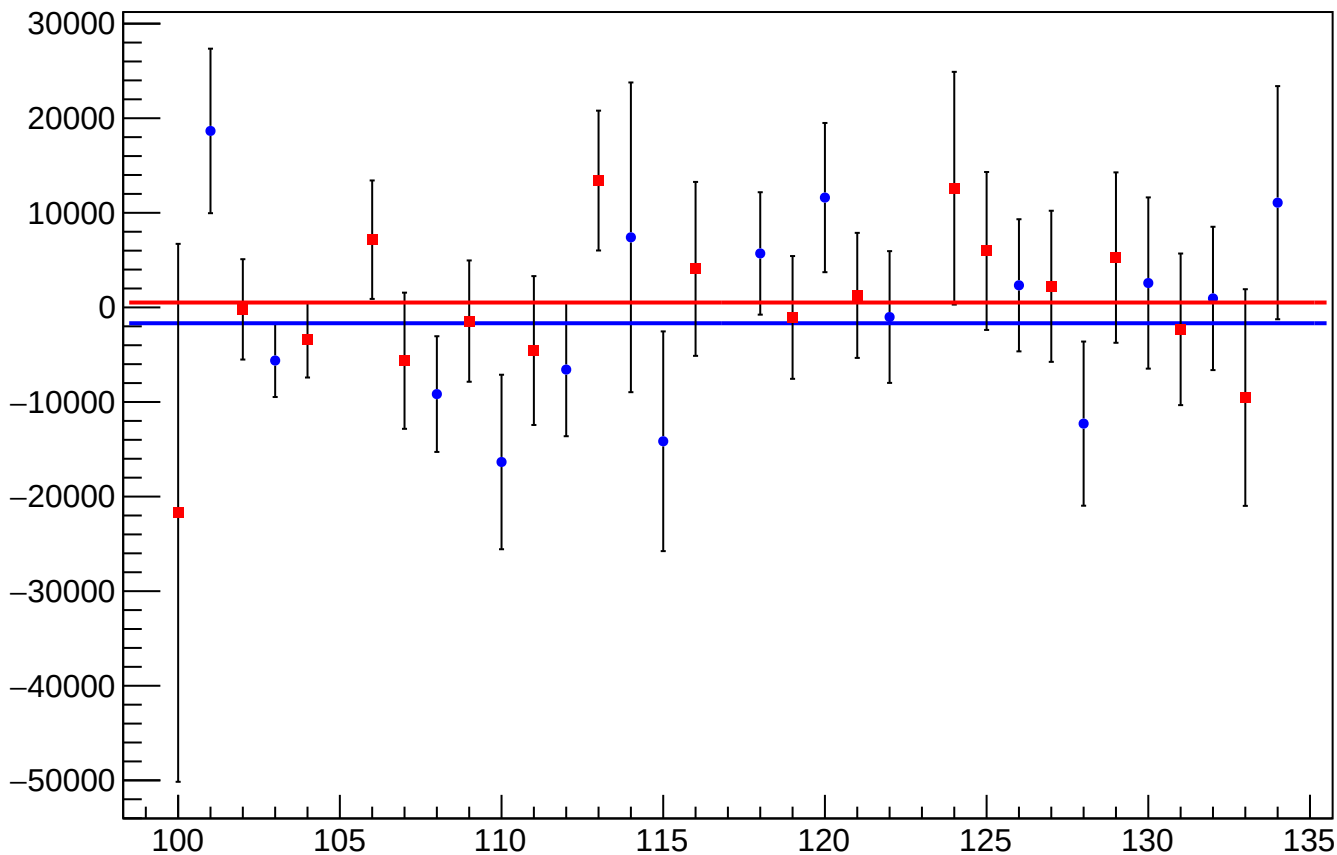
Right Out: 3585.036+/-1.025 χ^2/NDF : 1221563.5/16

All: 3754.448+/-0.768 χ^2/NDF : 2133081.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_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: 515.836 ± 1730.492 χ^2/NDF : 9.9/16

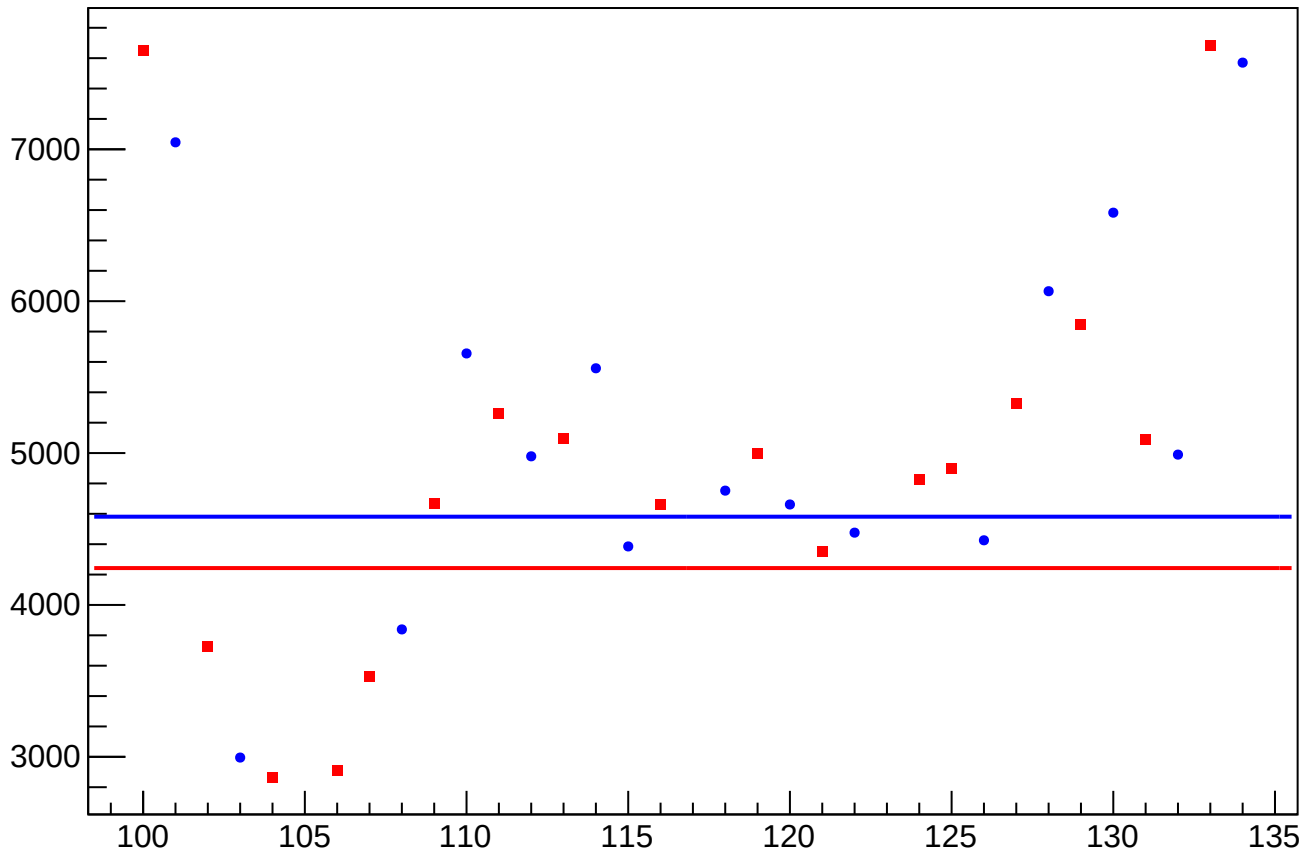
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -484.259 ± 1275.490 χ^2/NDF : 30.4/31

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

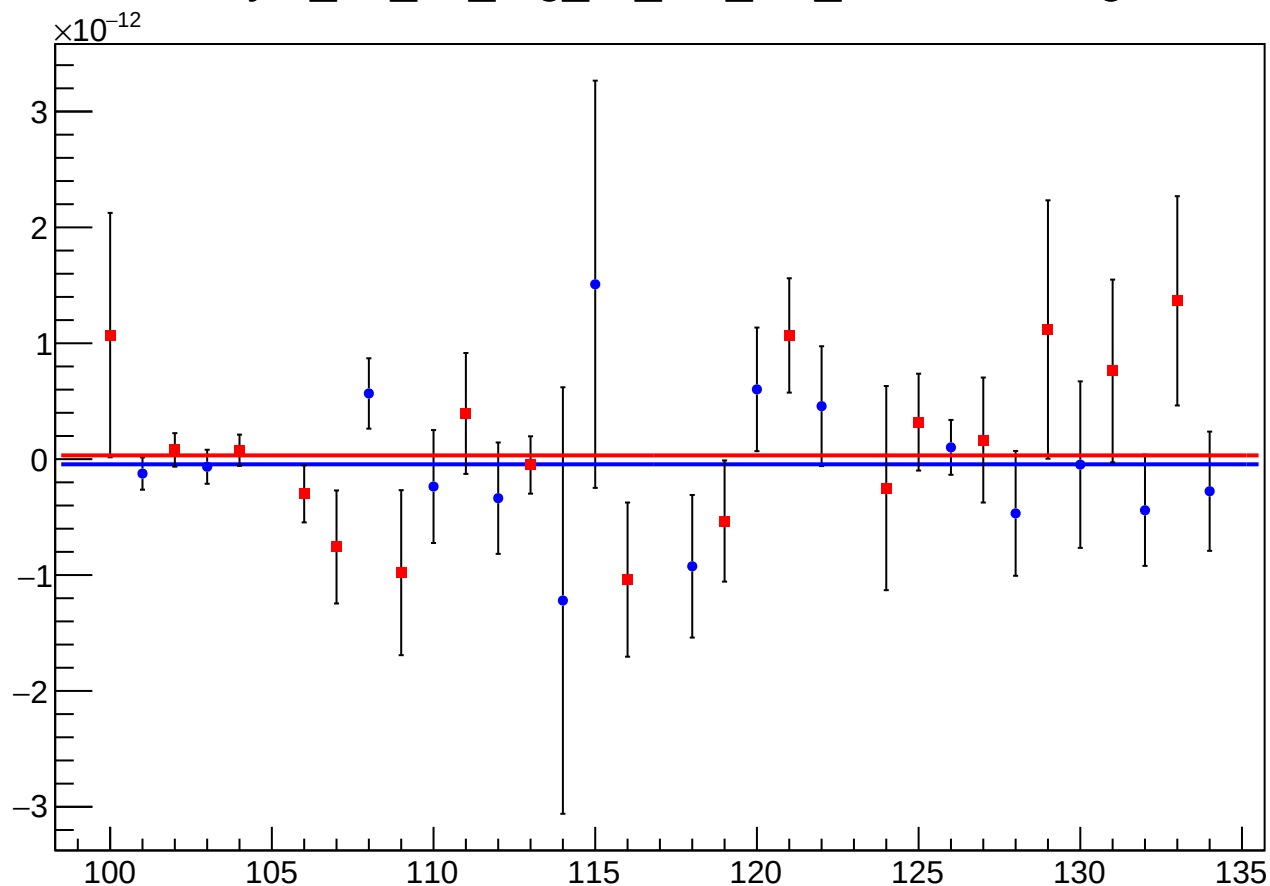
Right Out: 4242.776+/-1.212 χ^2/NDF : 838957.1/16

All: 4395.734+/-0.897 χ^2/NDF : 1726412.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_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 : 21.0/16

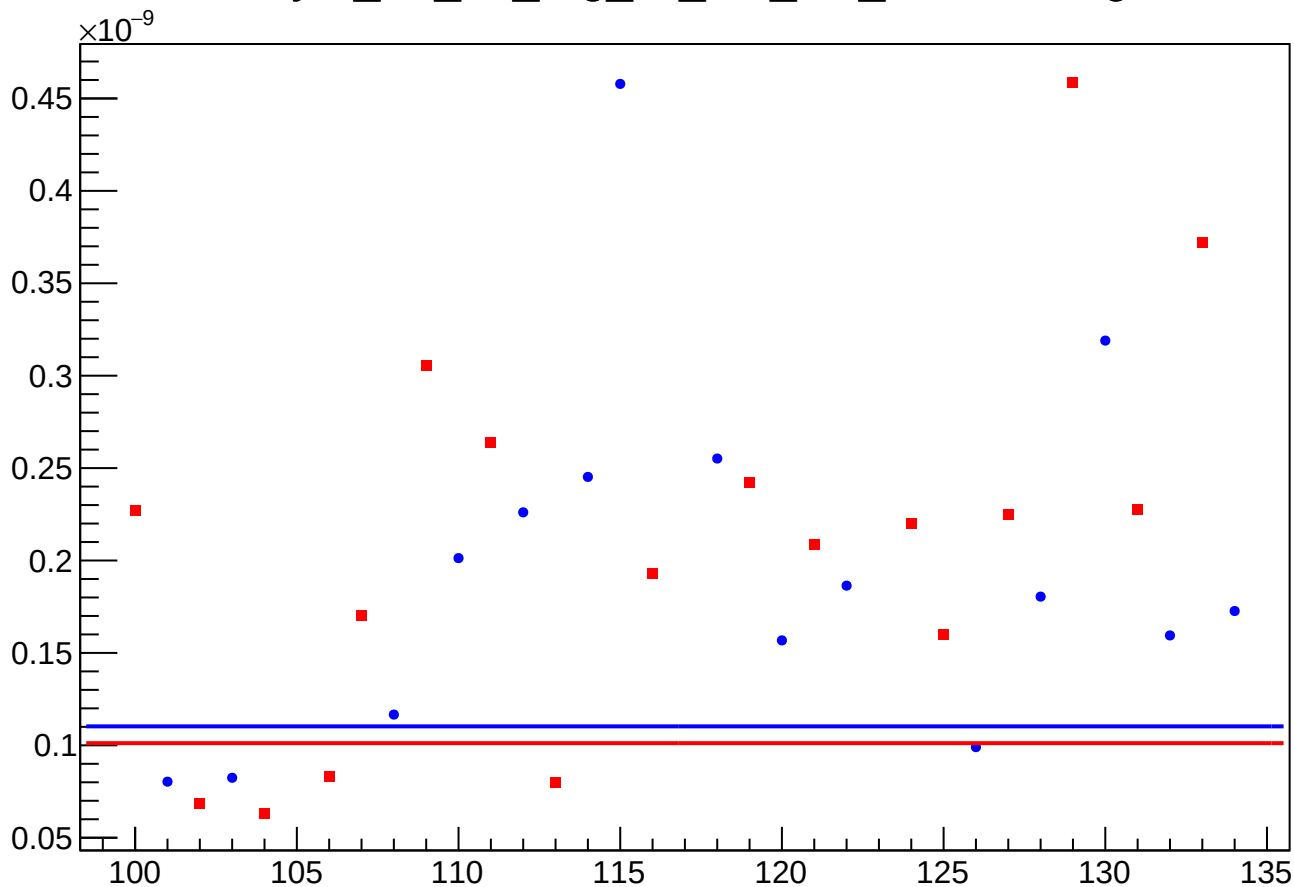
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 34.0/31

- 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: 1613585.4/16

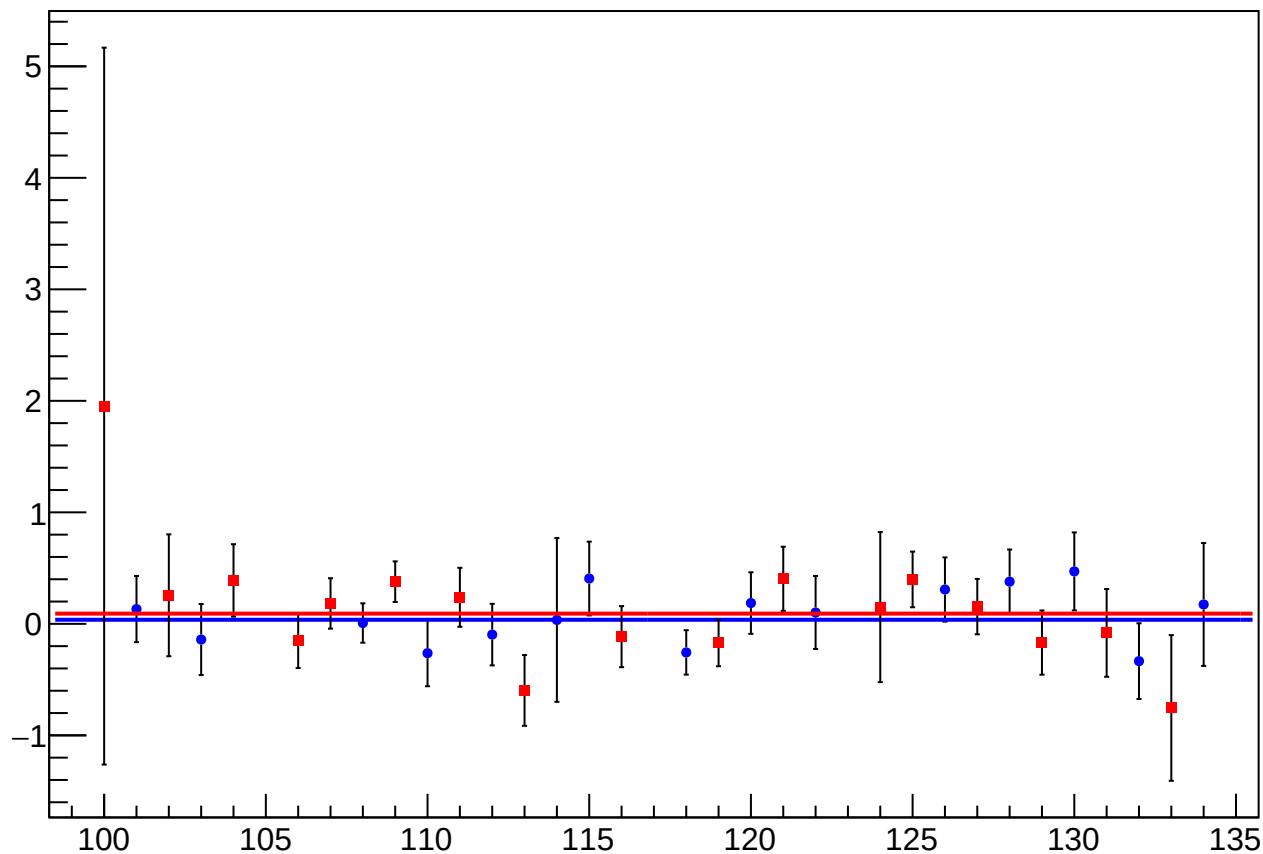
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2494560.3/31

- 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: 0.092 $\pm$ 0.069 χ^2 /NDF: 17.5/16

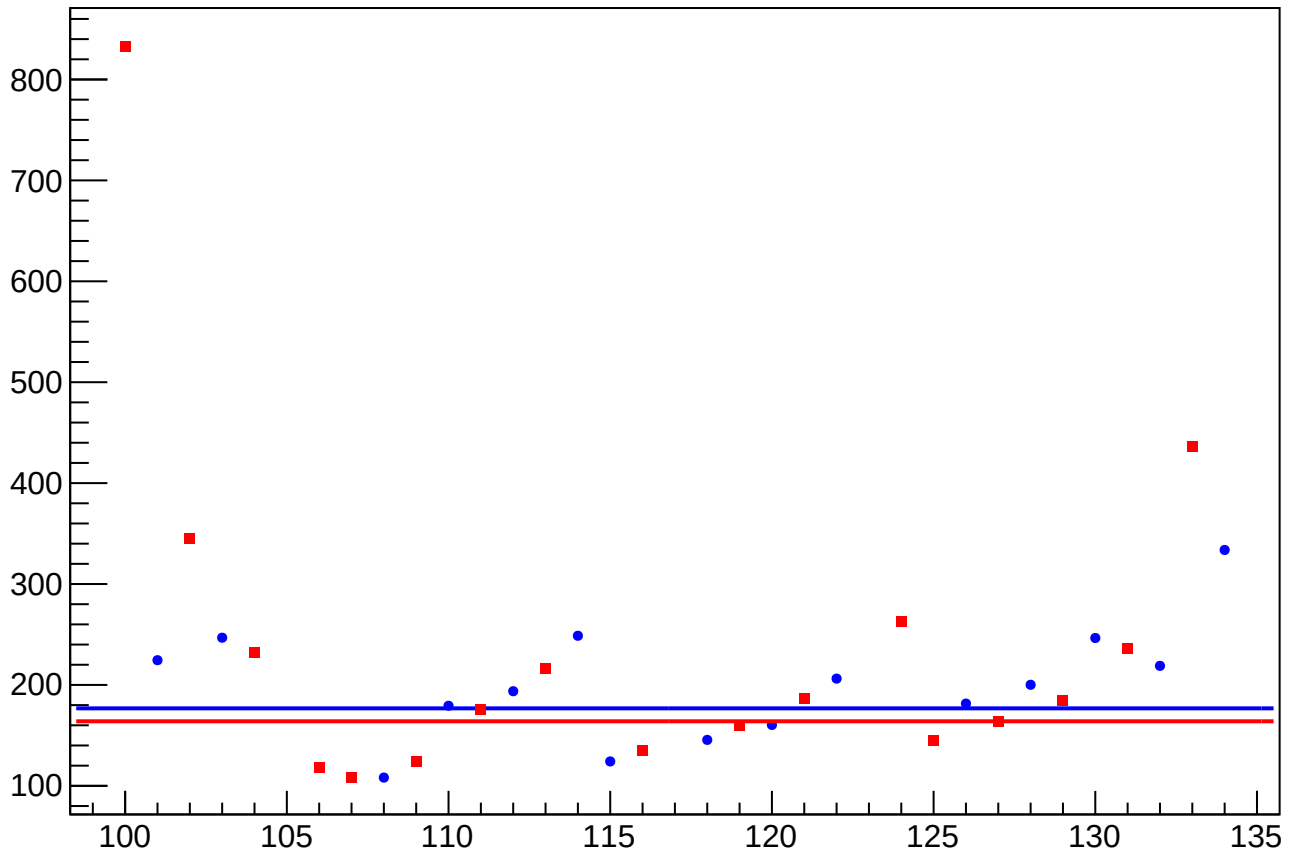
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.066 $\pm$ 0.051 χ^2 /NDF: 28.3/31

- 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

Right Out: 163.956 $\pm$ 0.049 χ^2 /NDF: 1253869.1/16

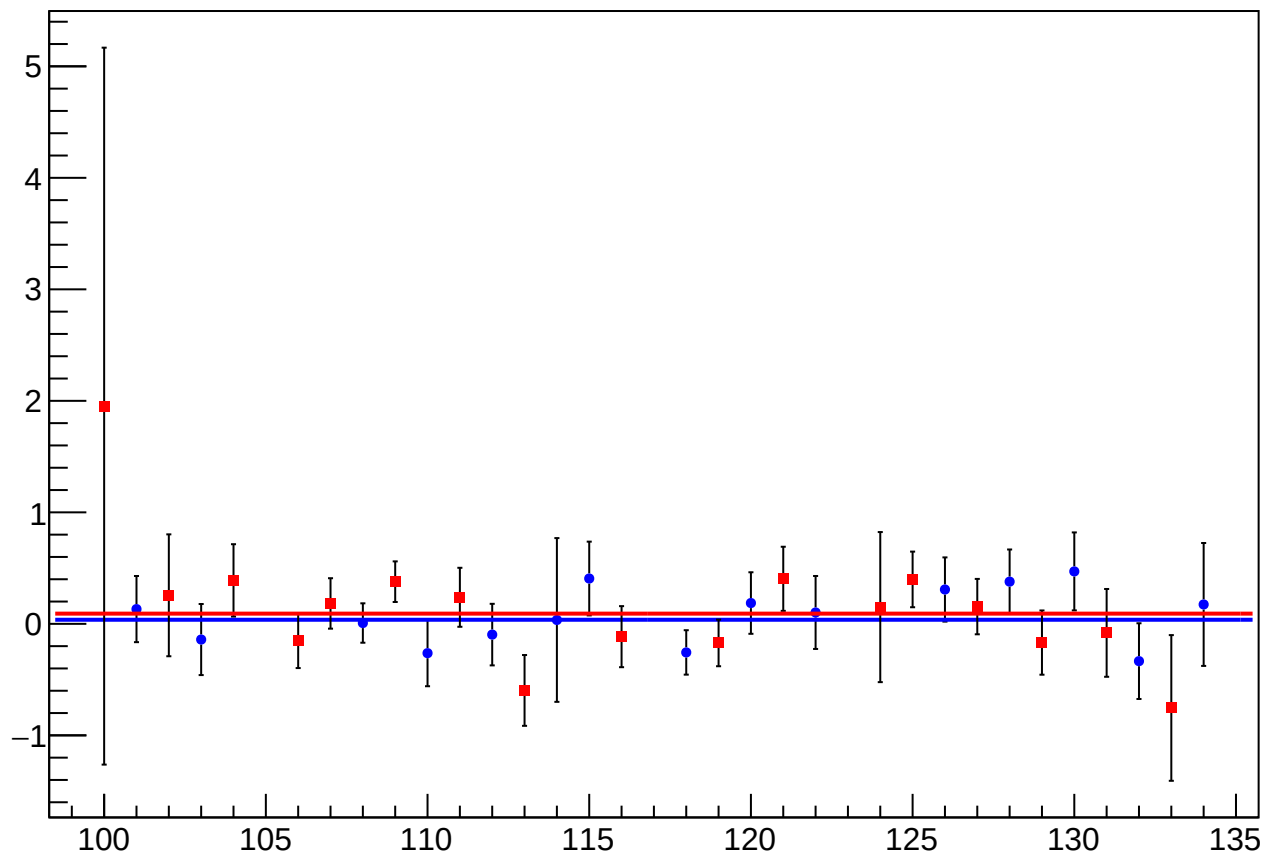
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 169.933 $\pm$ 0.036 χ^2 /NDF: 2171748.8/31

- sign 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+/-0.074 χ^2/NDF : 10.5/14

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

Right Out: 0.092+/-0.069 χ^2/NDF : 17.5/16

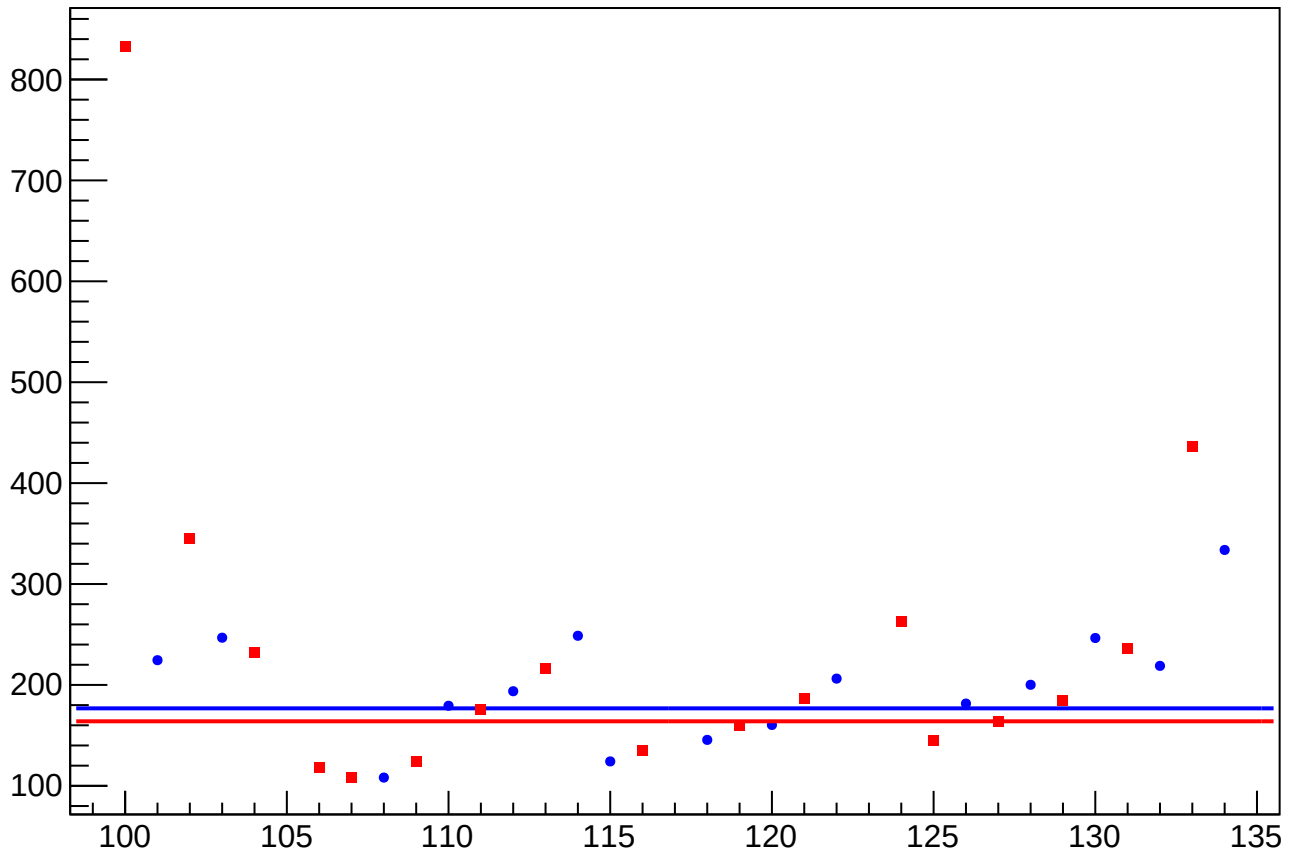
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.066+/-0.051 χ^2/NDF : 28.3/31

- sign 0.000+/-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

Right Out: 163.956 $\pm$ 0.049 χ^2 /NDF: 1253869.1/16

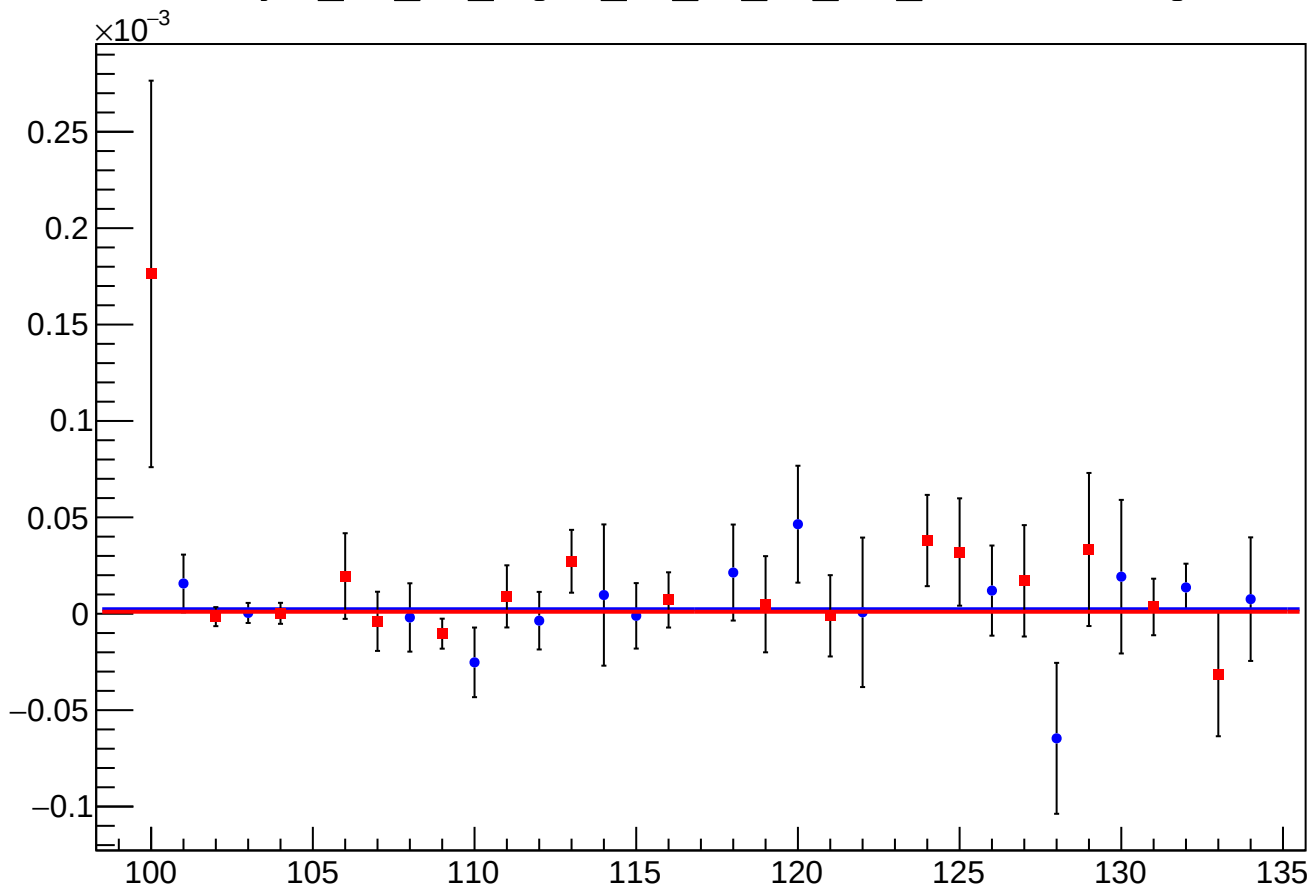
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 169.933 $\pm$ 0.036 χ^2 /NDF: 2171748.8/31

- sign 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: 15.0/16

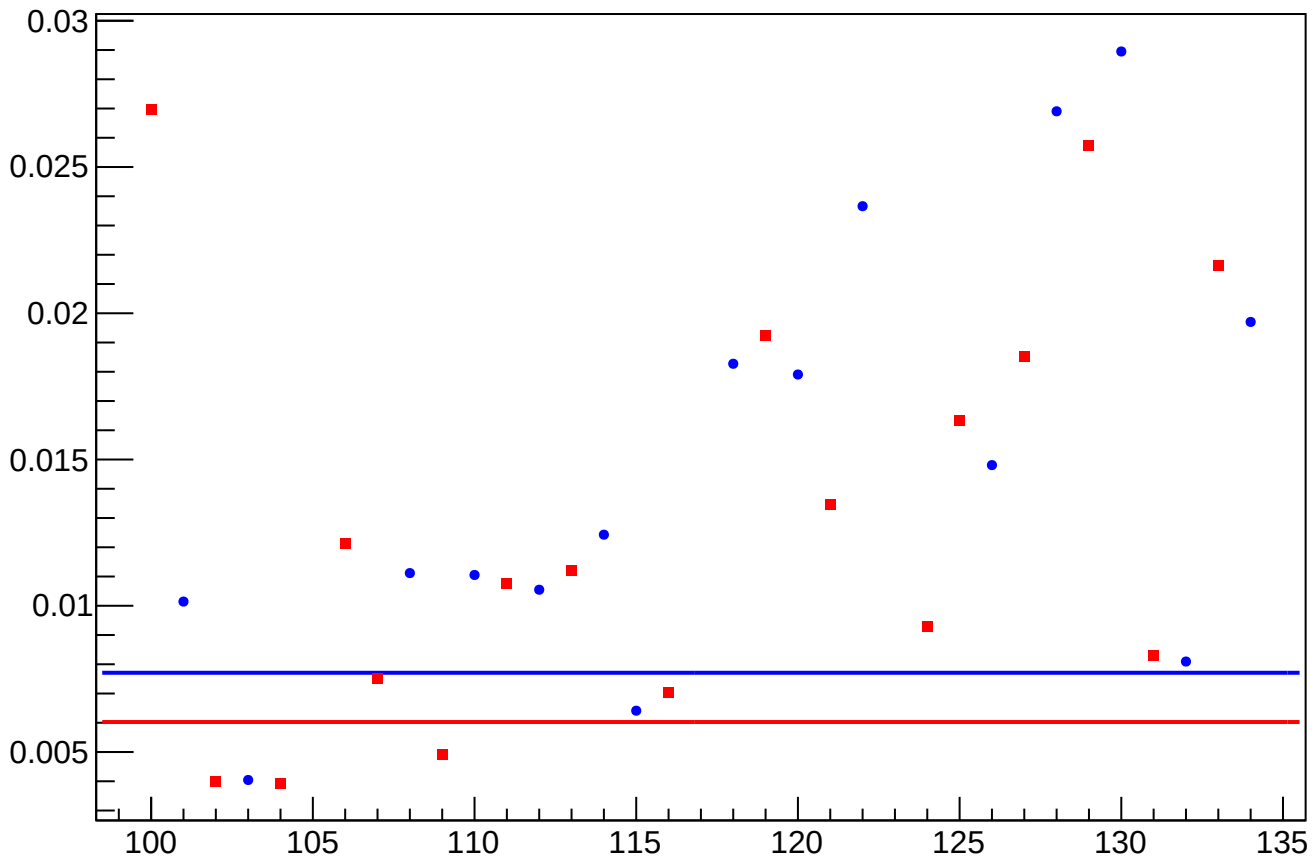
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 25.5/31

- 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 : 3833953.4/16

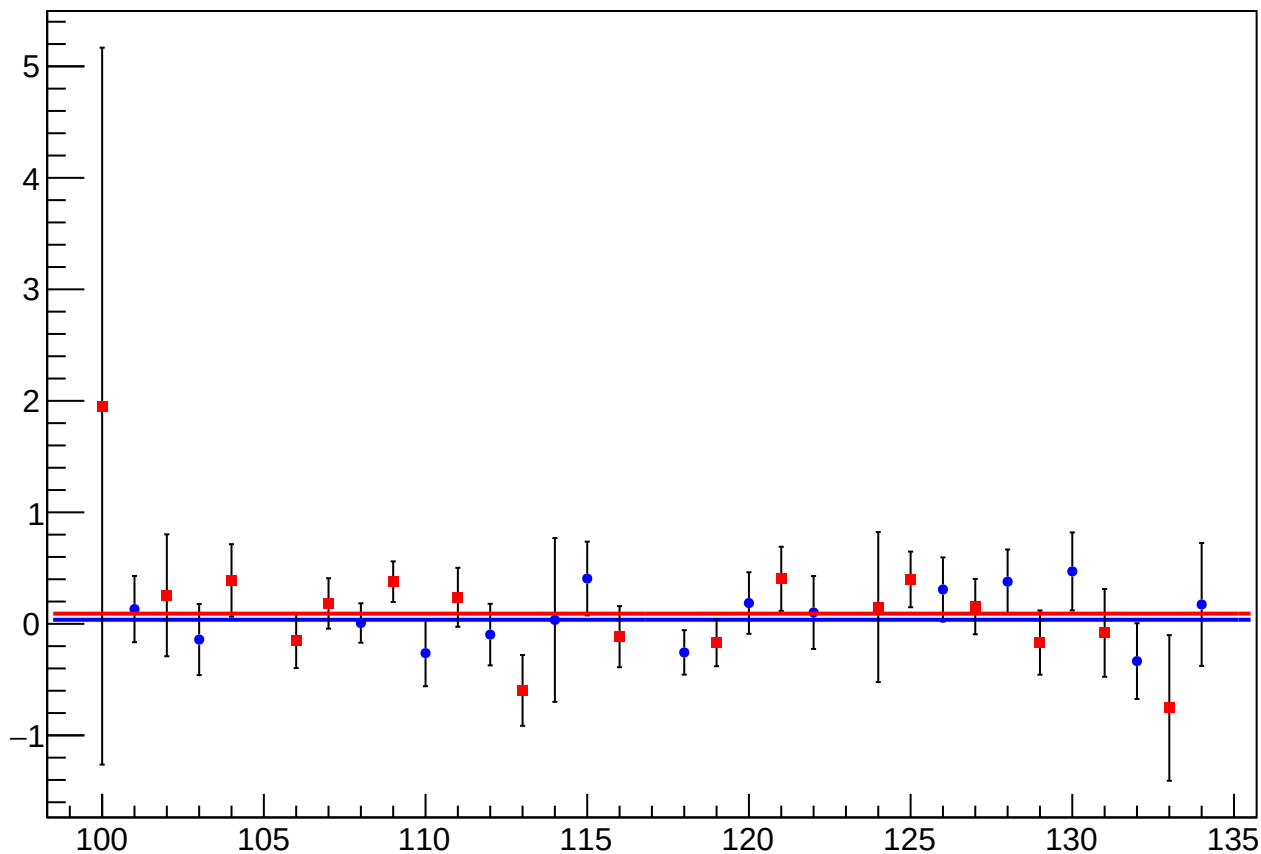
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 7836181.9/31

- 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+/-0.074 χ^2/NDF : 10.5/14

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

Right Out: 0.092+/-0.069 χ^2/NDF : 17.5/16

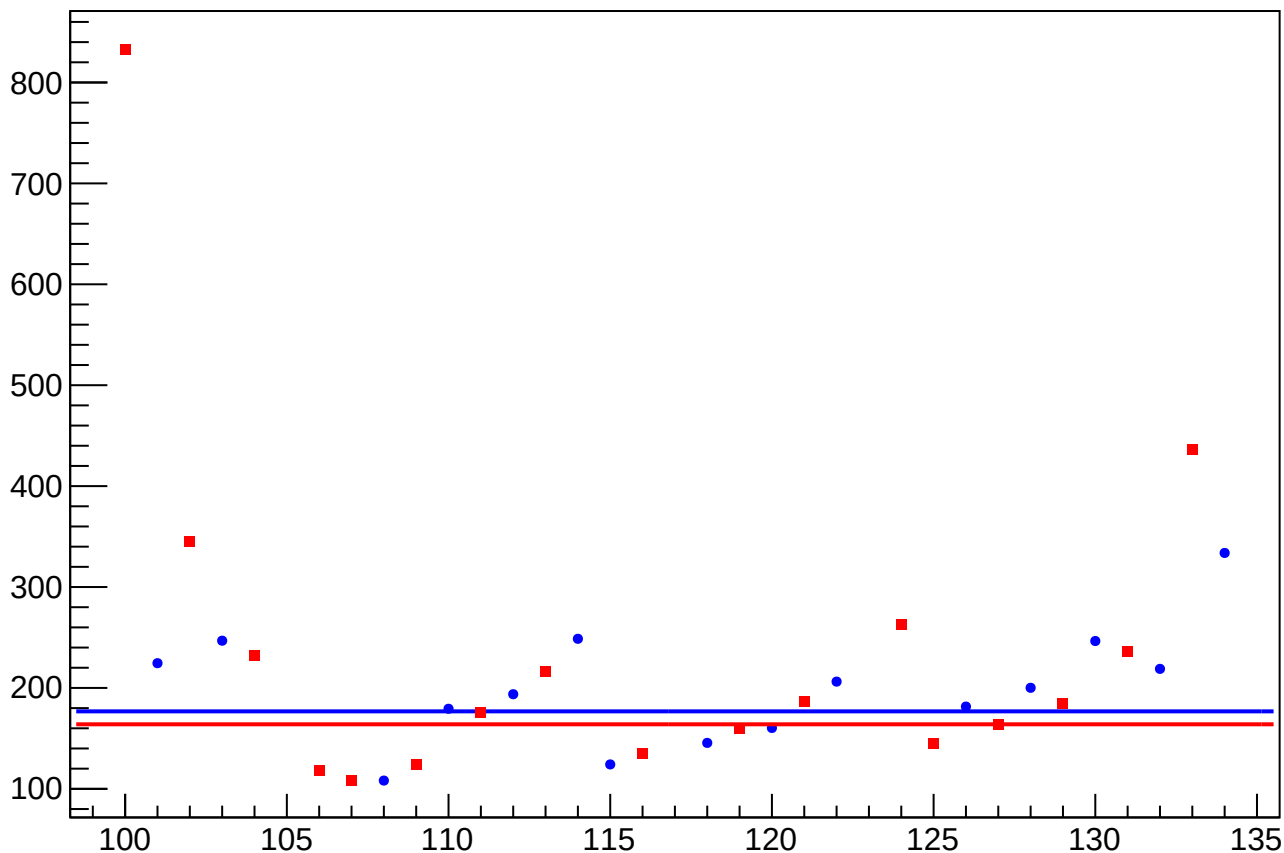
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.066+/-0.051 χ^2/NDF : 28.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 176.791+/-0.053 χ^2/NDF : 886089.1/14

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

Right Out: 163.955+/-0.049 χ^2/NDF : 1253851.7/16

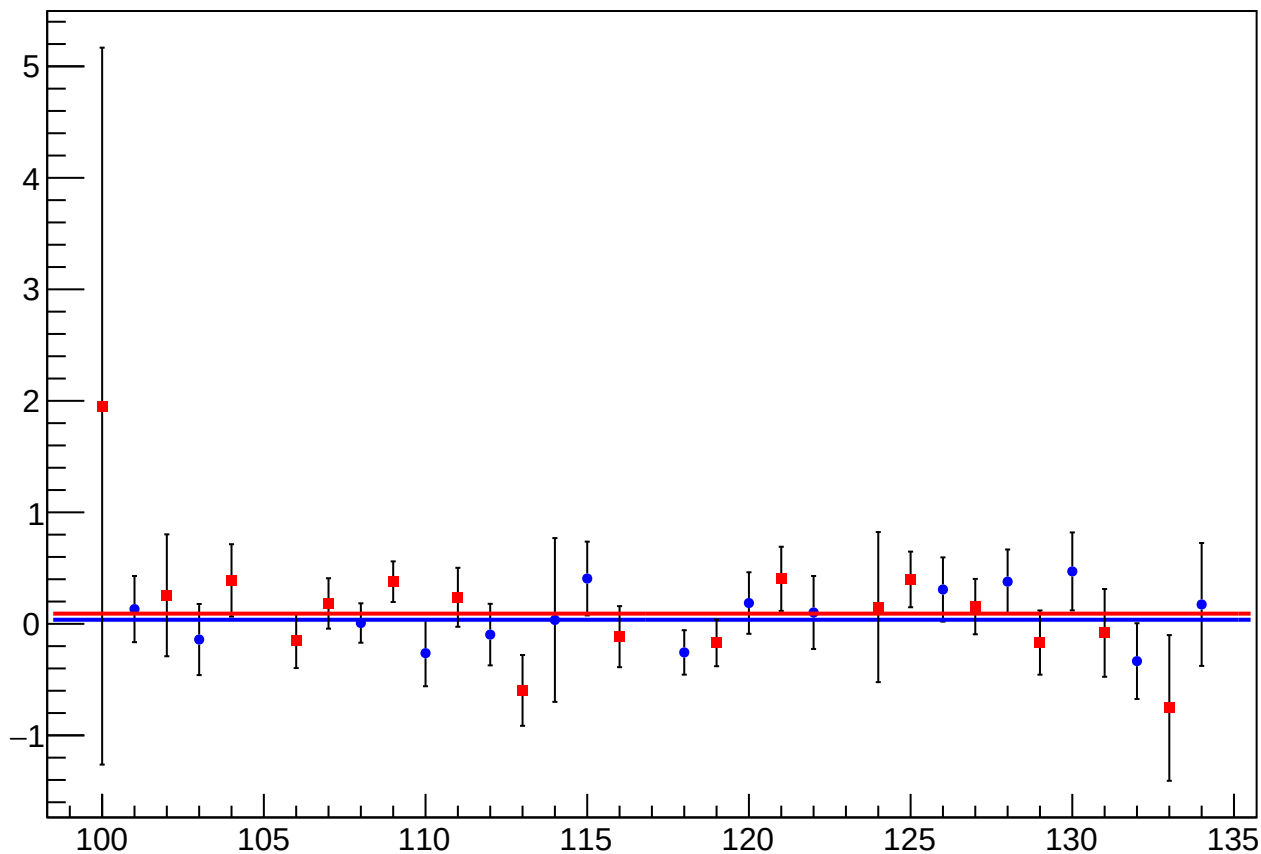
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.931+/-0.036 χ^2/NDF : 2171748.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.037+/-0.074 χ^2/NDF : 10.5/14

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

Right Out: 0.092+/-0.069 χ^2/NDF : 17.5/16

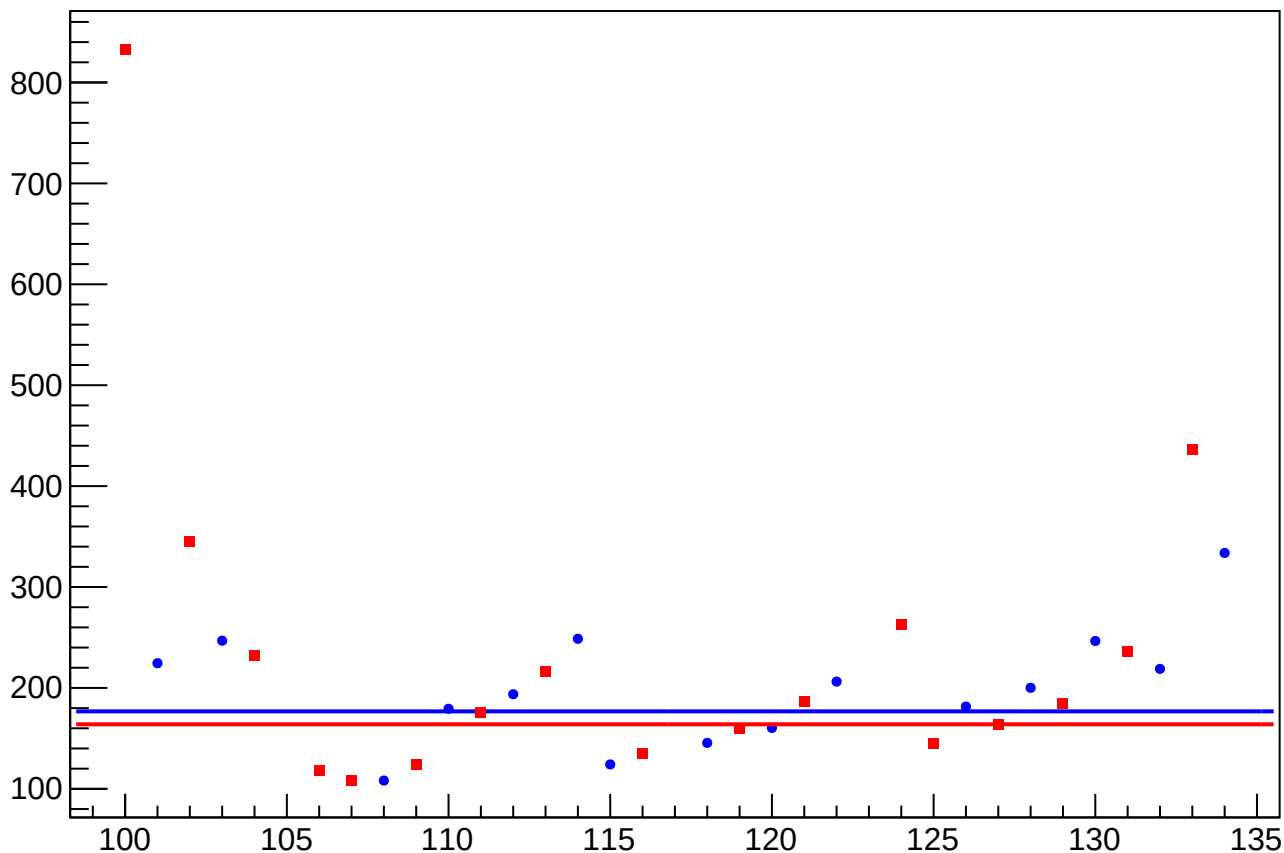
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.066+/-0.051 χ^2/NDF : 28.3/31

- sign 0.000+/-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: 163.955 $\pm$ 0.049 χ^2 /NDF: 1253851.7/16

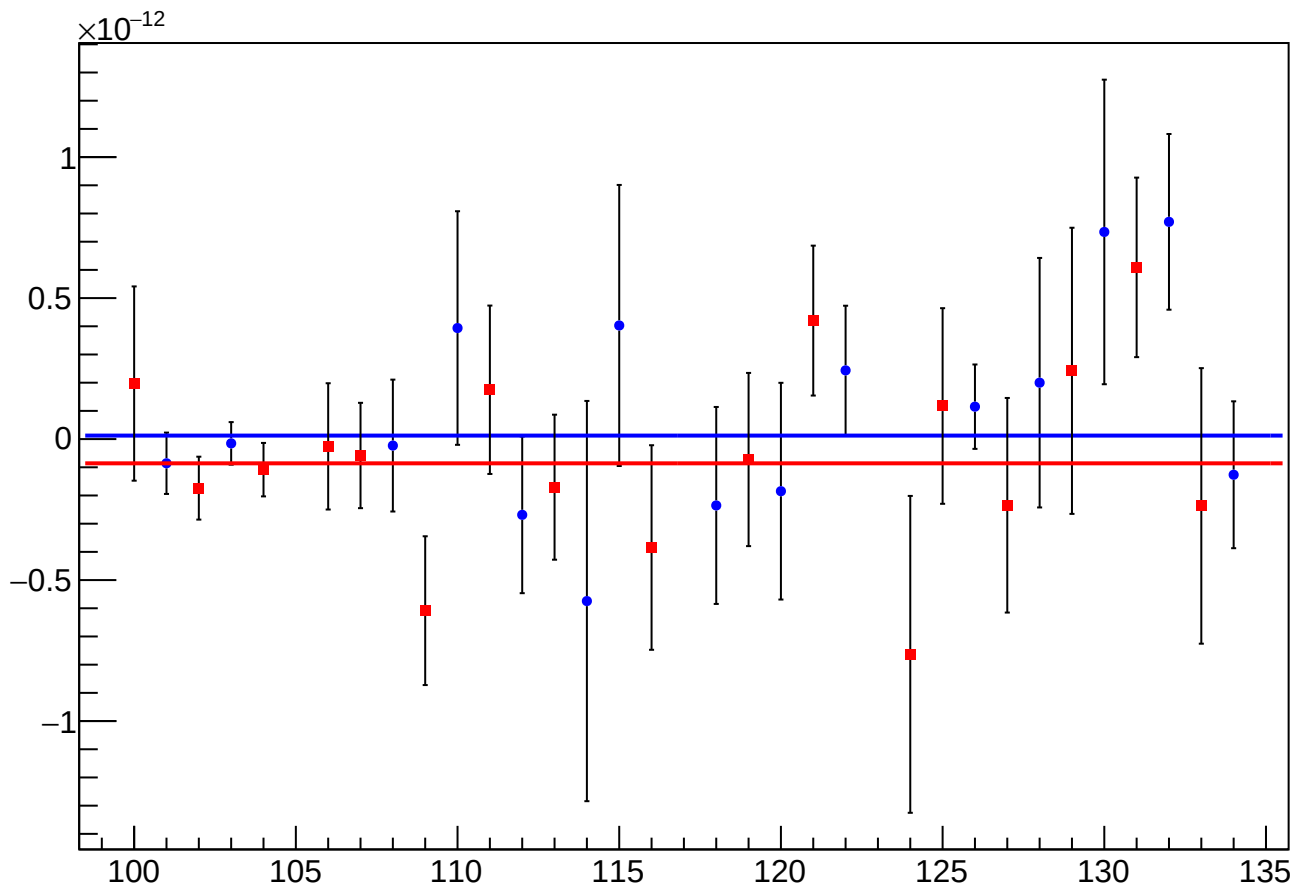
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 169.931 $\pm$ 0.036 χ^2 /NDF: 2171748.7/31

- 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 : 17.8/16

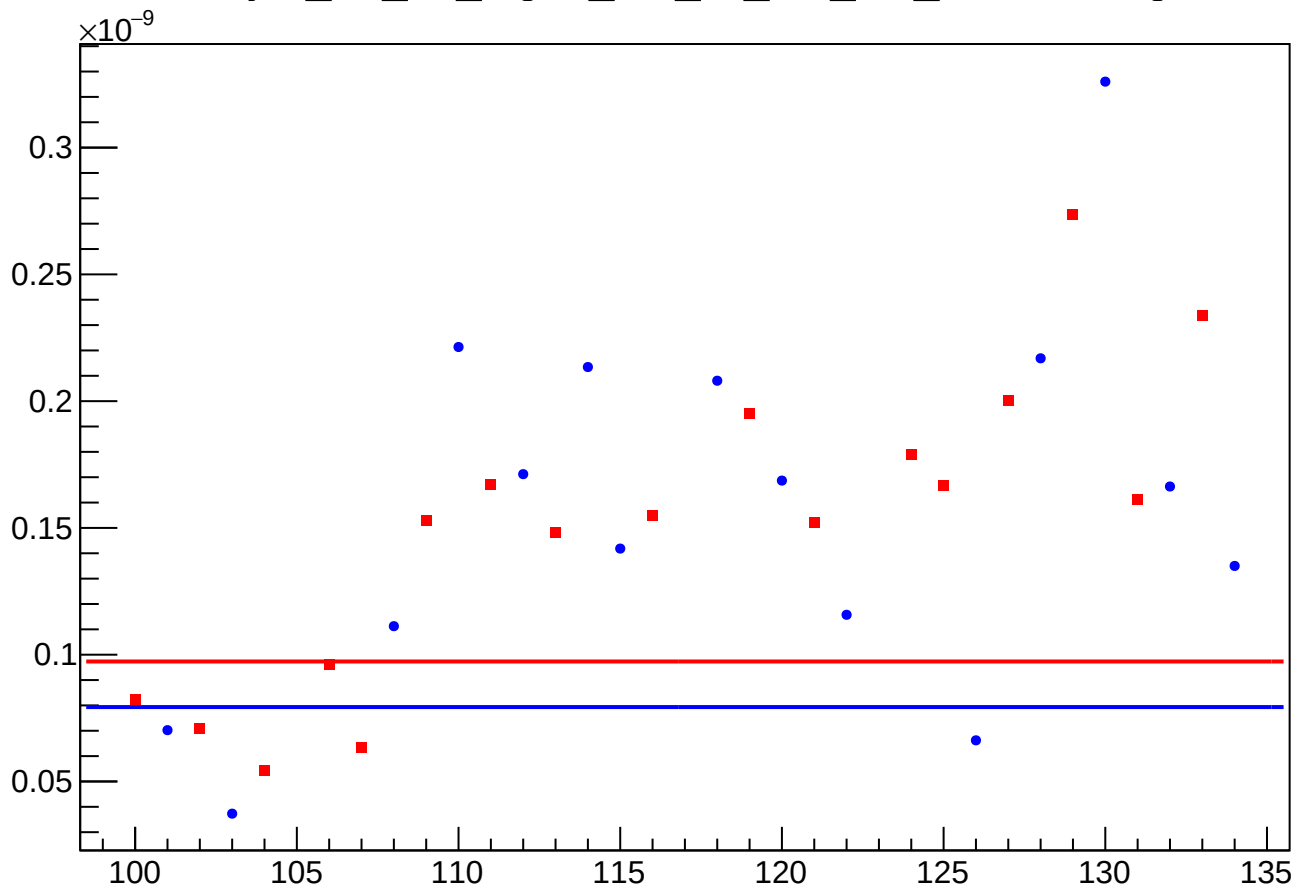
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 34.2/31

- 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 : 1957388.8/16

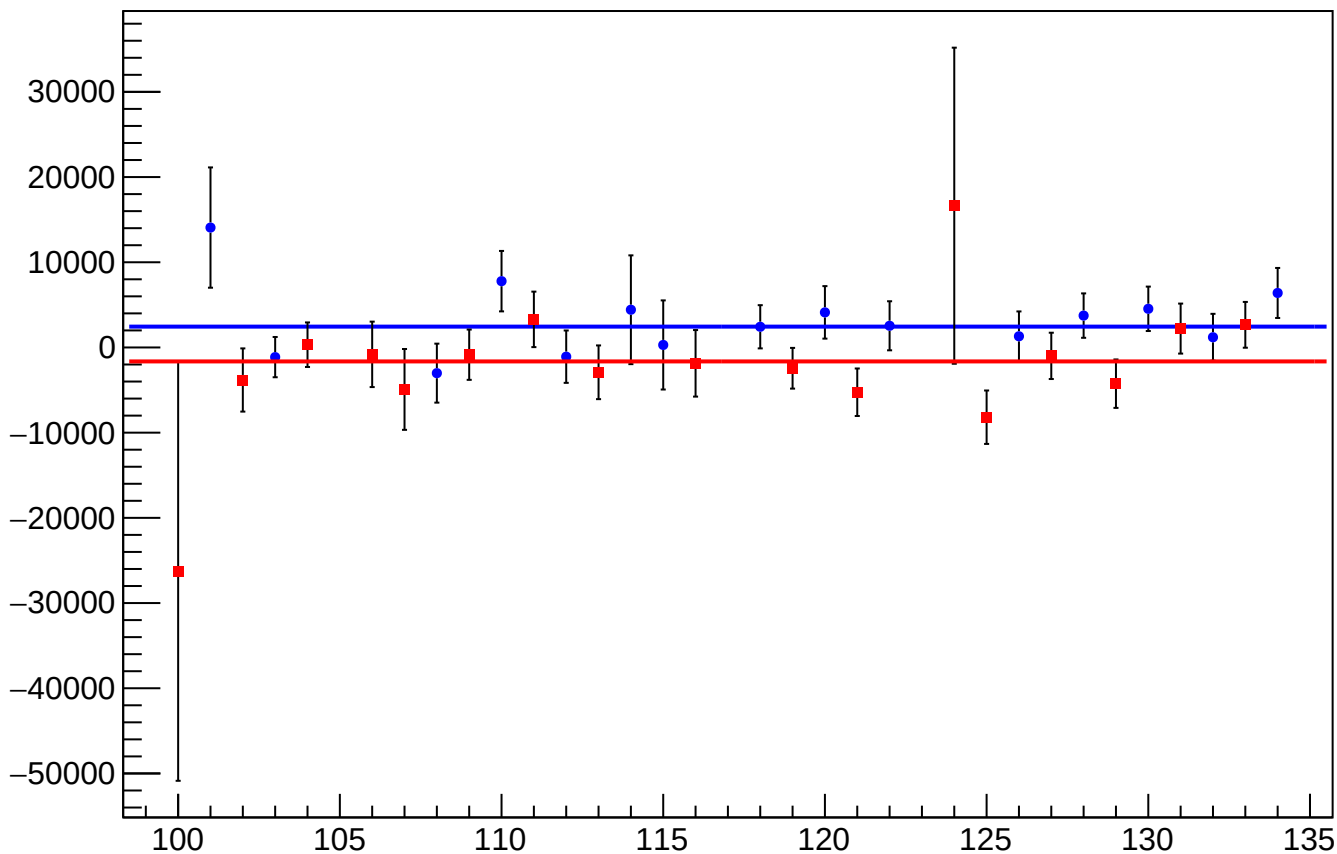
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4613700.8/31

- 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: -1638.626+/-783.202 χ^2/NDF : 17.3/16

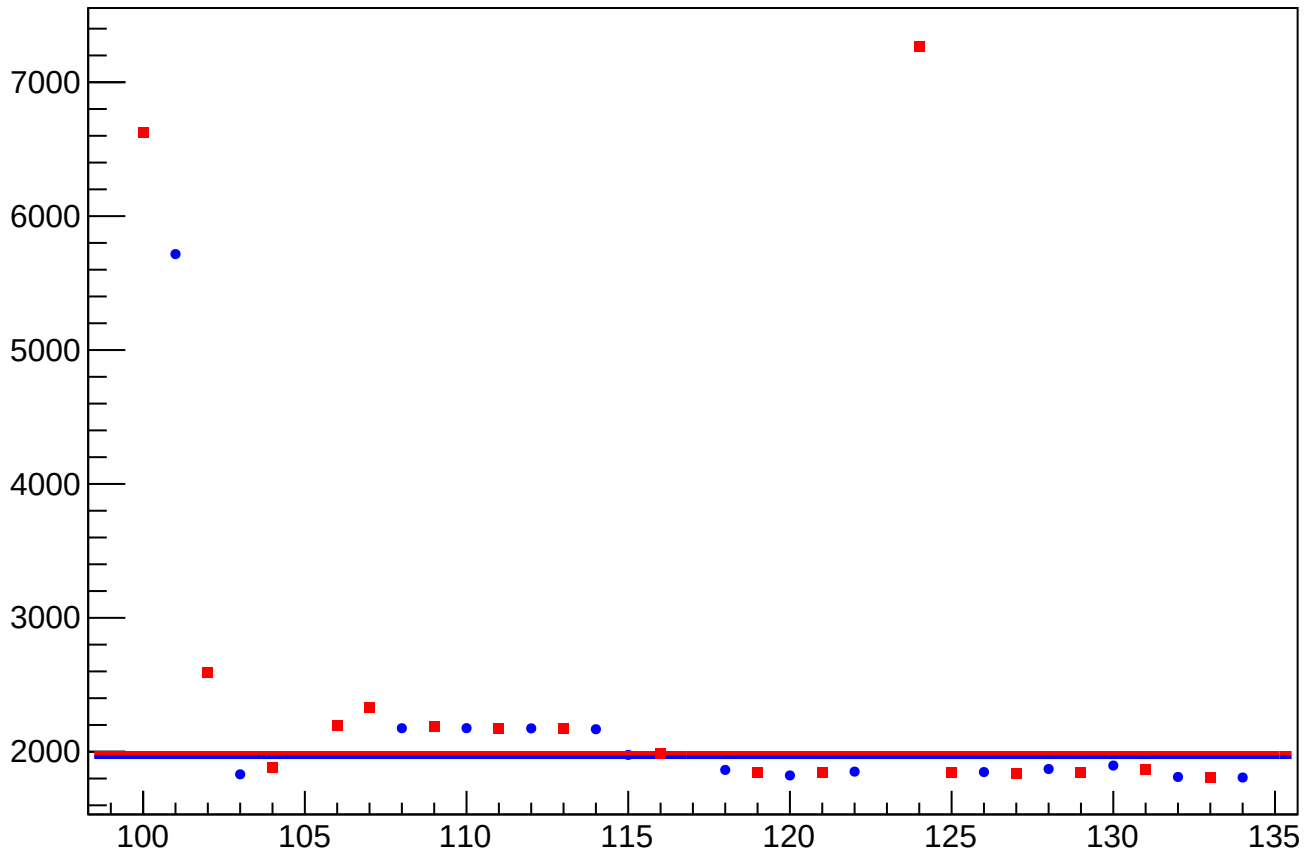
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 365.970+/-558.896 χ^2/NDF : 45.3/31

- 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

Right Out: 1990.702+/-0.554 χ^2/NDF : 368303.2/16

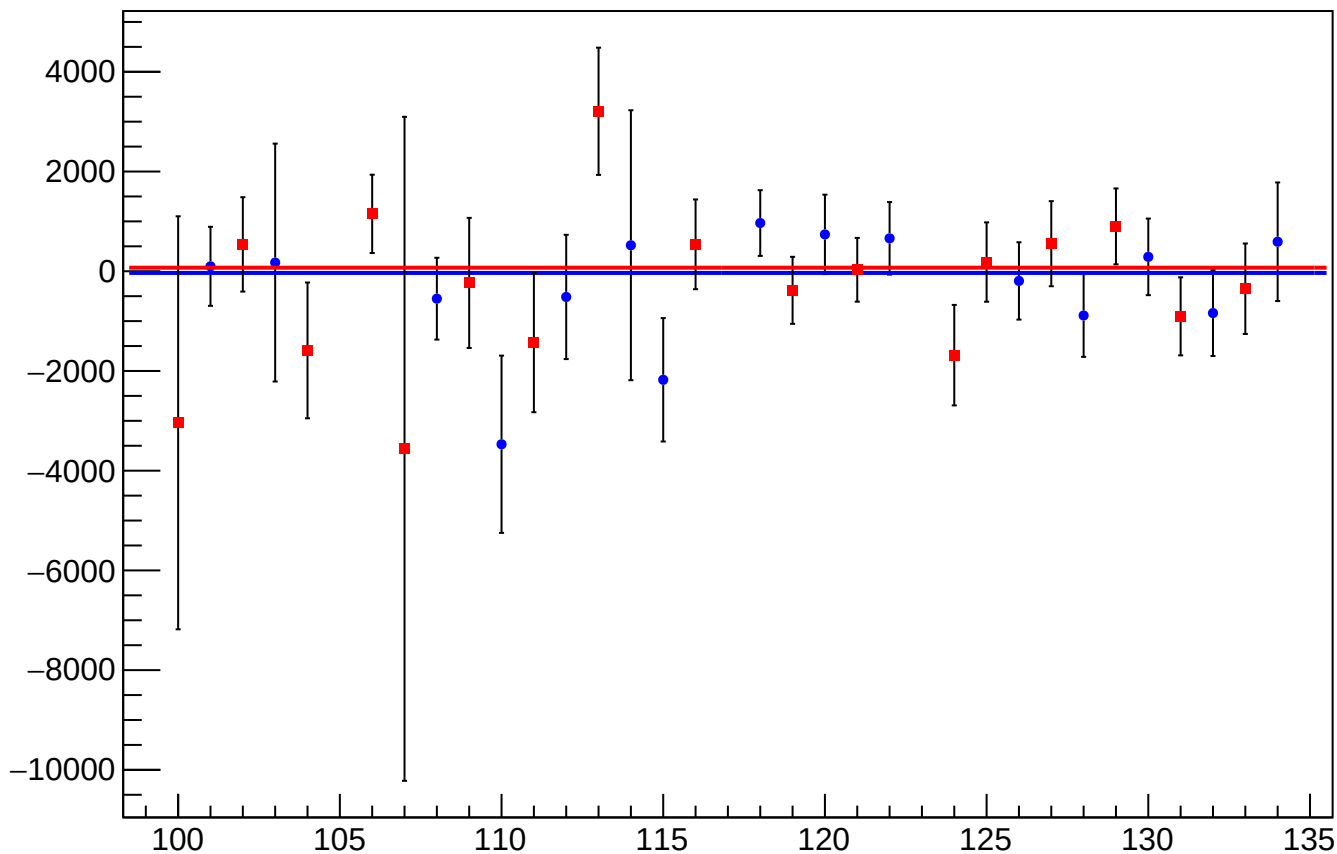
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1975.895+/-0.395 χ^2/NDF : 996380.3/31

- sign 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: 71.230 $\pm$ 226.584 χ^2 /NDF: 18.8/16

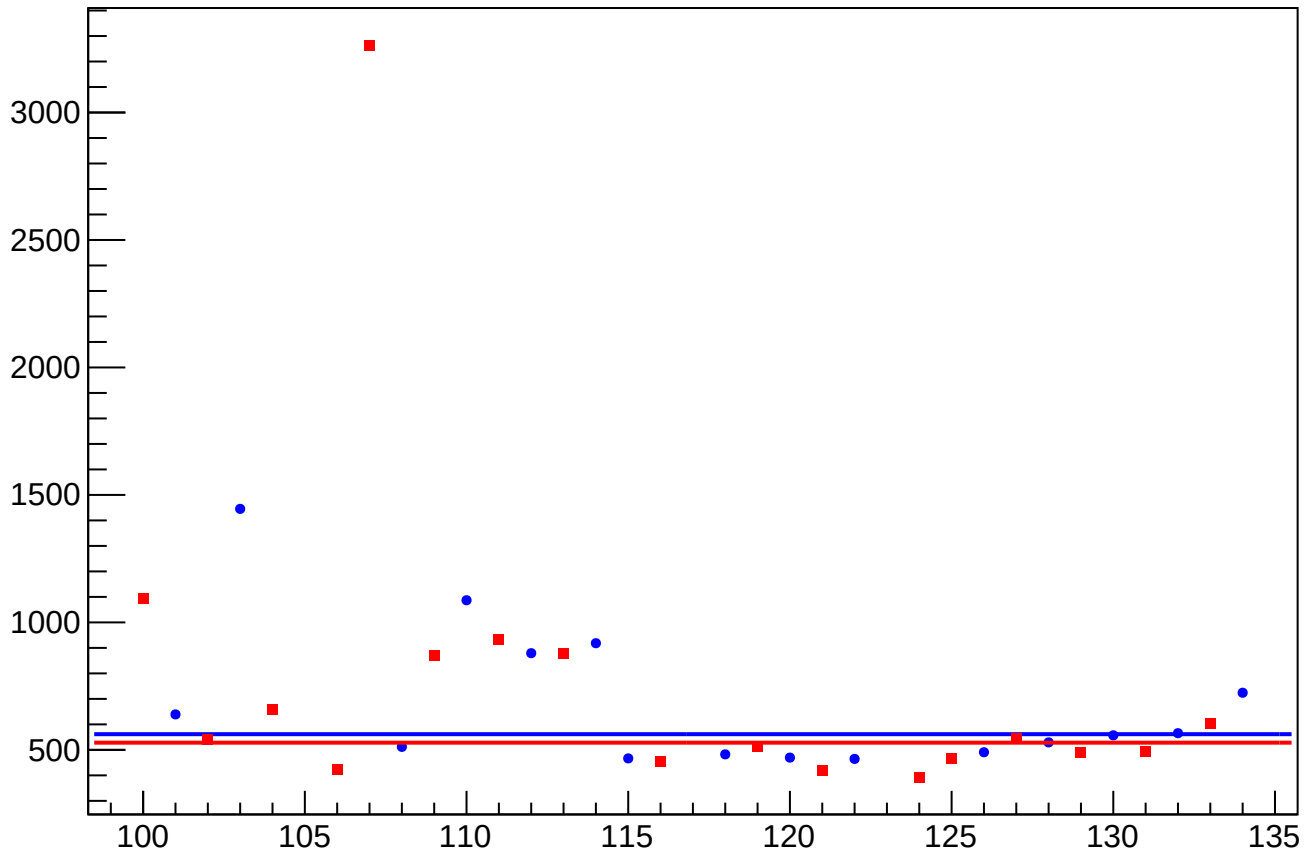
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 21.214 $\pm$ 164.129 χ^2 /NDF: 32.8/31

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

asym_at1_avg_reg_correction_rms vs Slug



Right In: 561.552 $\pm$ 0.168 χ^2 /NDF: 800385.6/14

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

Right Out: 528.293 $\pm$ 0.160 χ^2 /NDF: 1029232.7/16

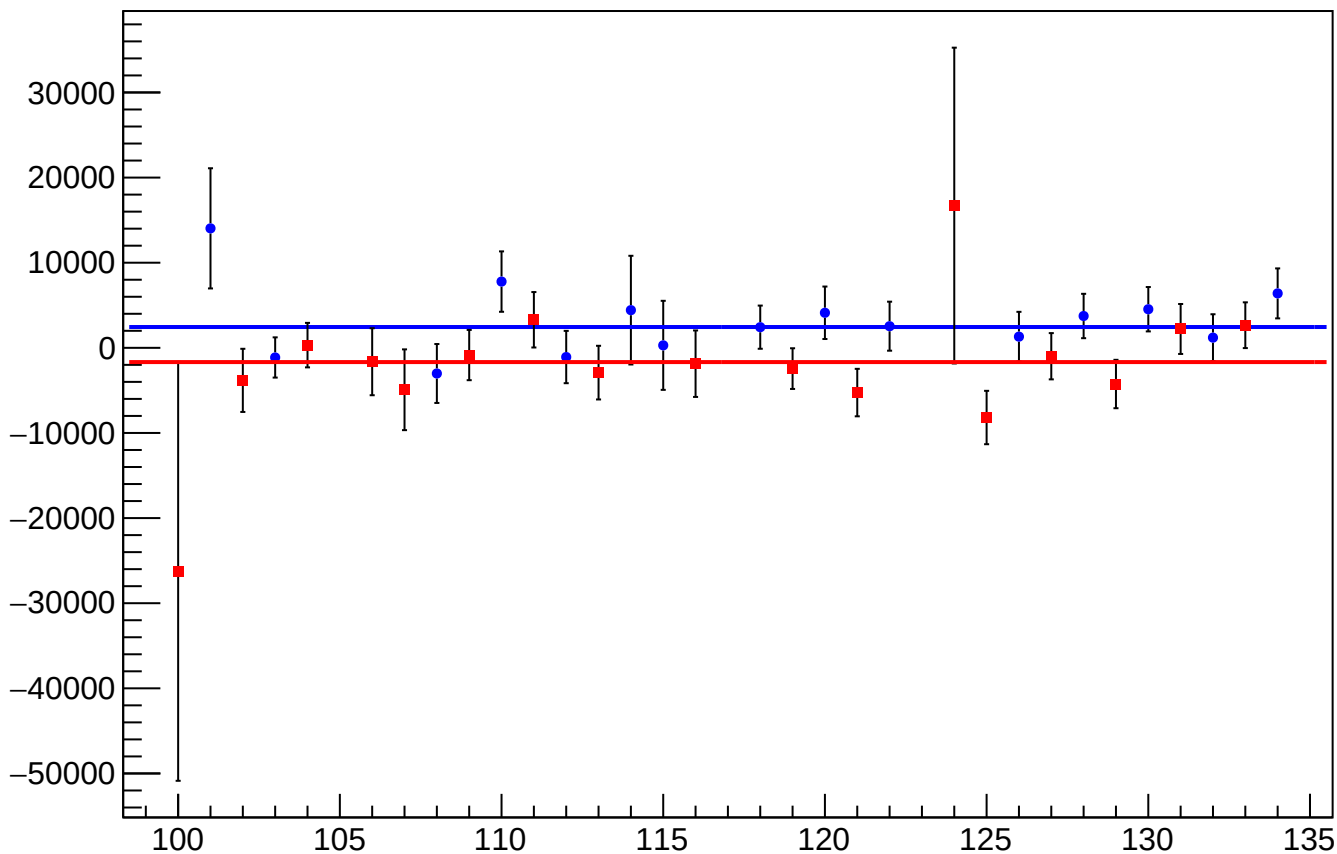
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 544.101 $\pm$ 0.116 χ^2 /NDF: 1850100.2/31

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

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: -1673.160+/-783.982 χ^2/NDF : 17.2/16

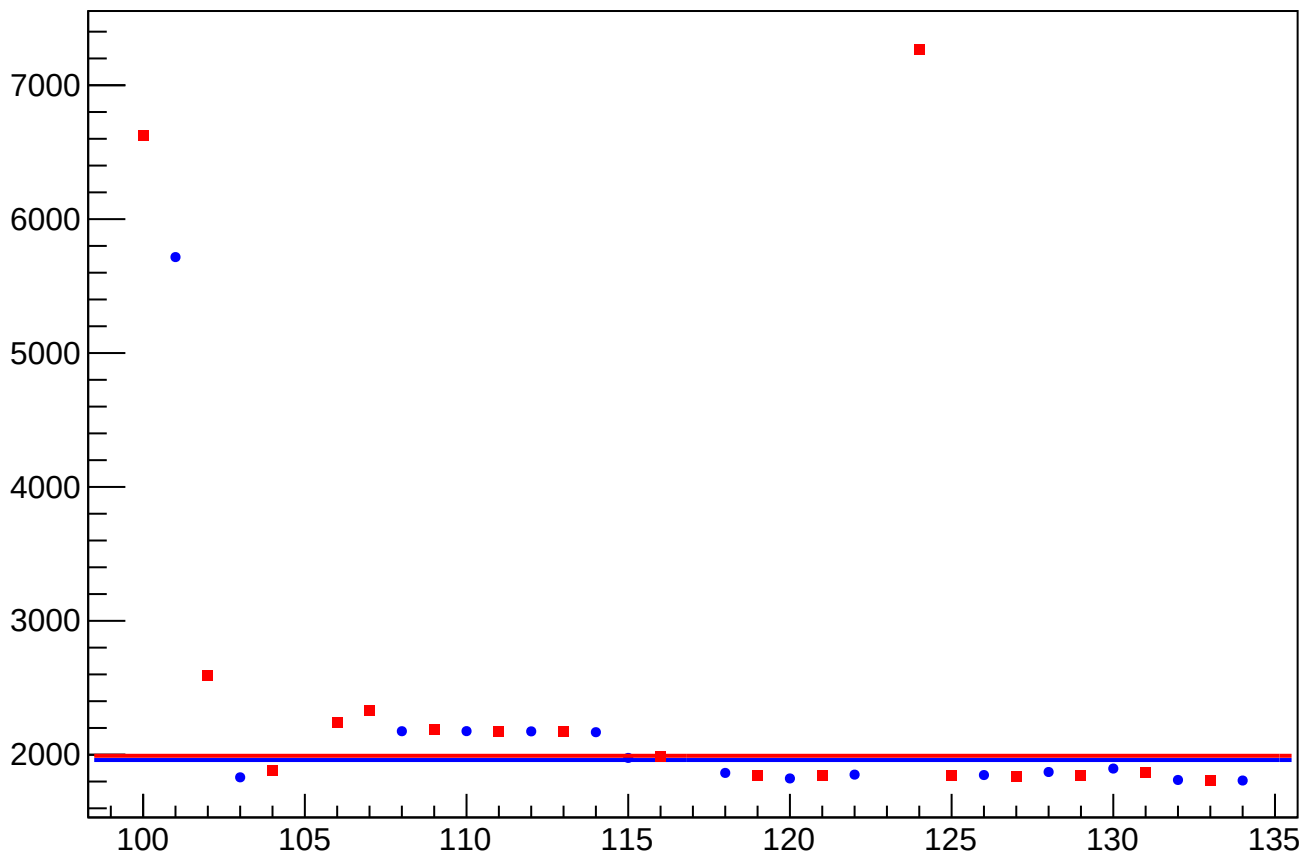
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 350.218+/-559.180 χ^2/NDF : 45.5/31

- sign 0.000+/-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: 1992.314+/-0.554 χ^2/NDF : 371009.3/16

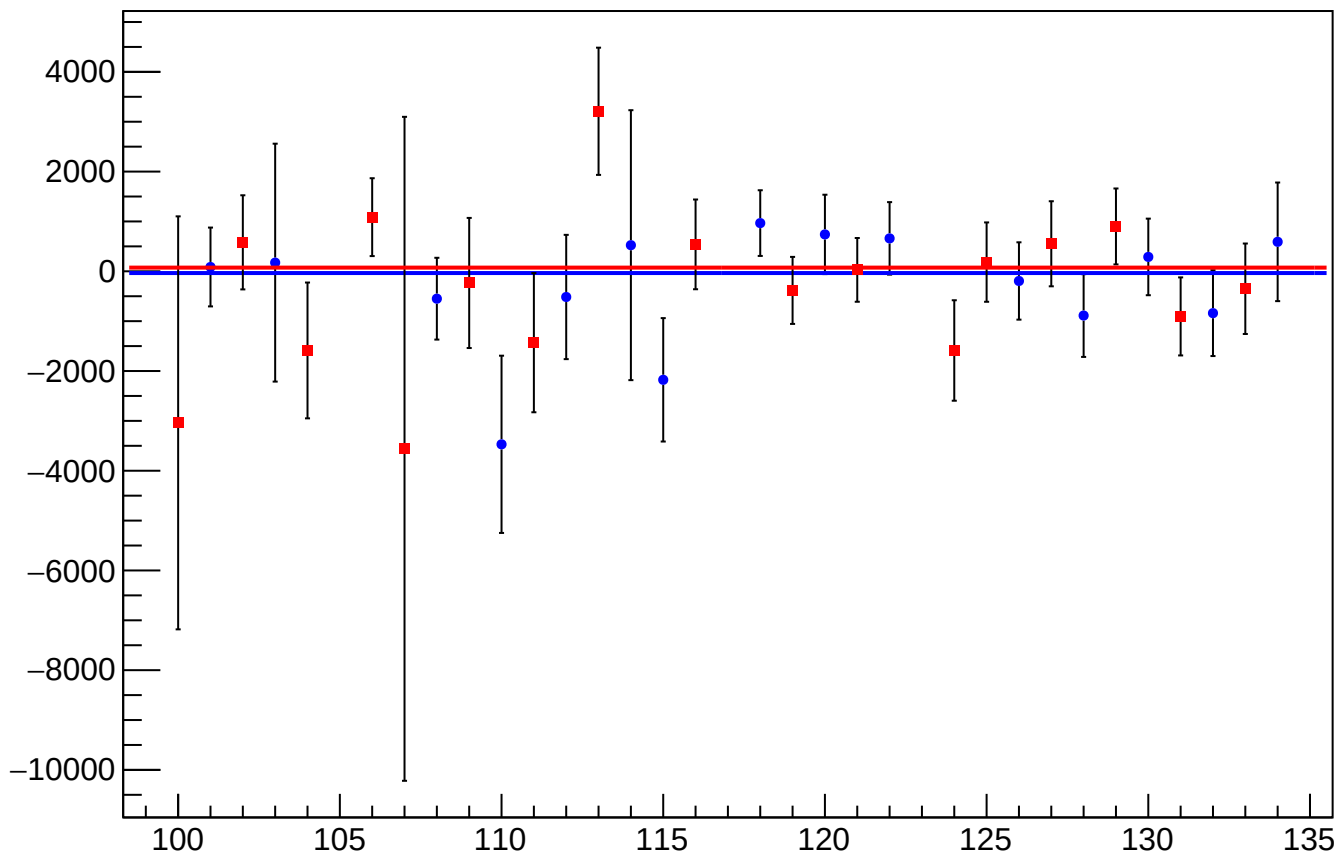
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1976.700+/-0.395 χ^2/NDF : 999244.7/31

- 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: 74.033 ± 226.437 χ^2/NDF : 18.3/16

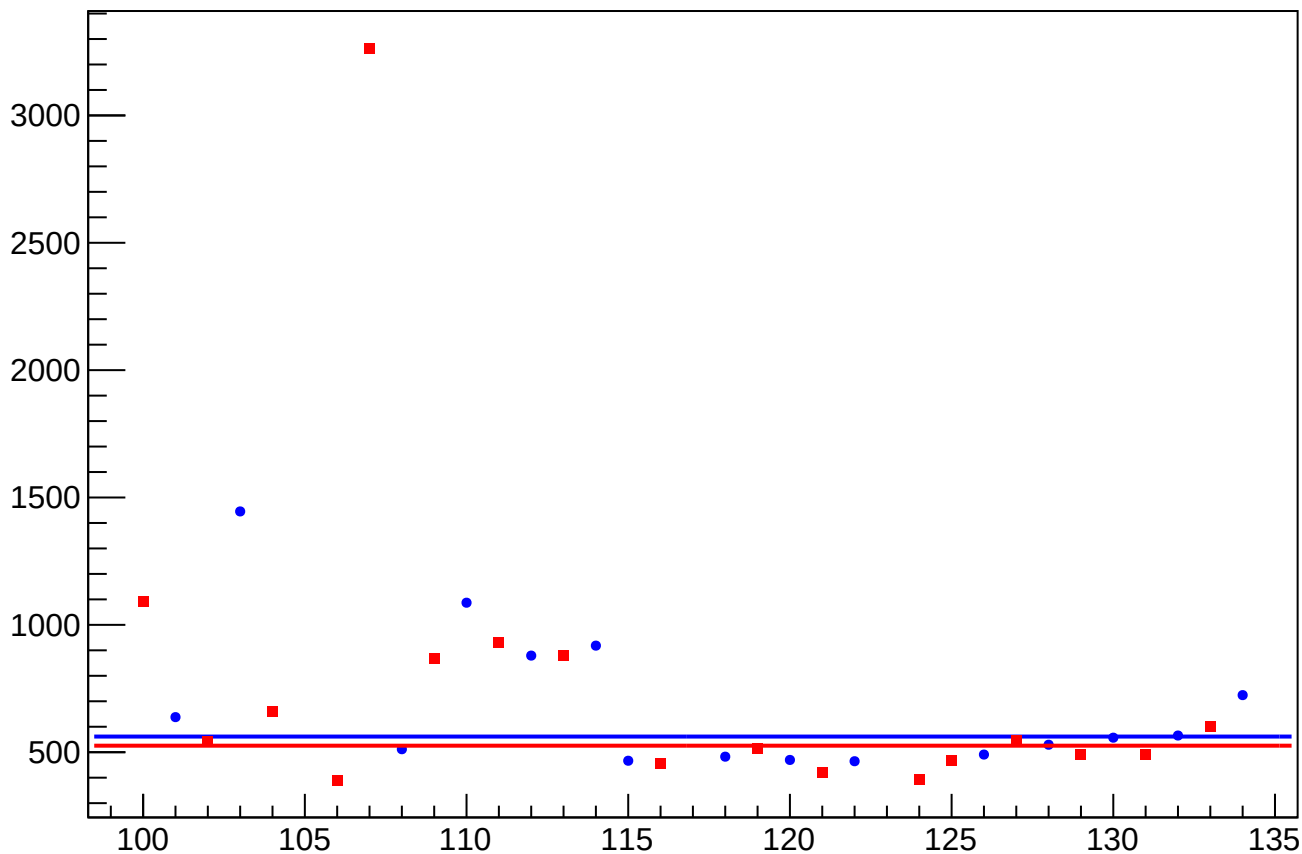
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 22.249 ± 164.055 χ^2/NDF : 32.4/31

- 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: 525.615+/-0.160 χ^2/NDF : 1057029.9/16

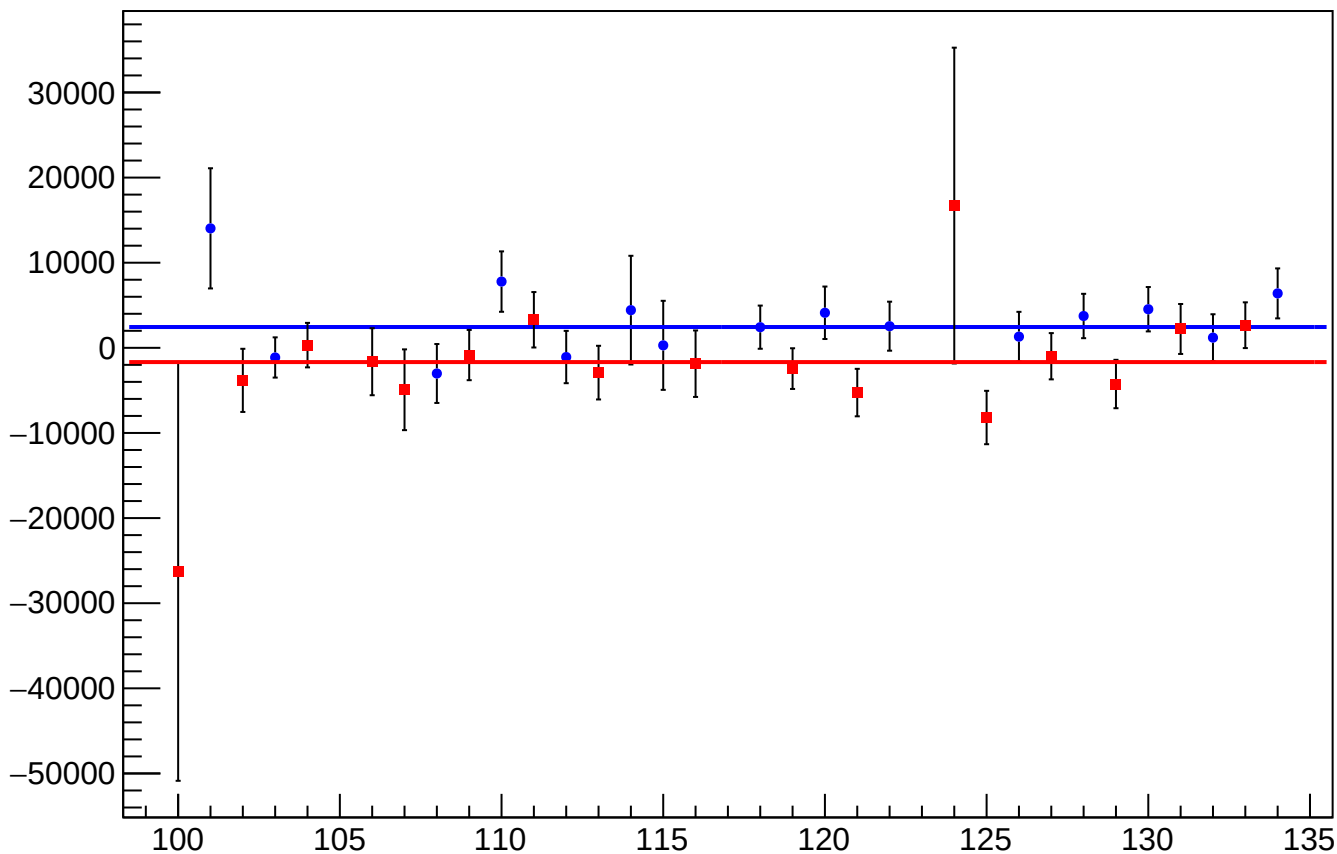
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 542.646+/-0.116 χ^2/NDF : 1880614.6/31

- 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: -1673.160+/-783.982 χ^2/NDF : 17.2/16

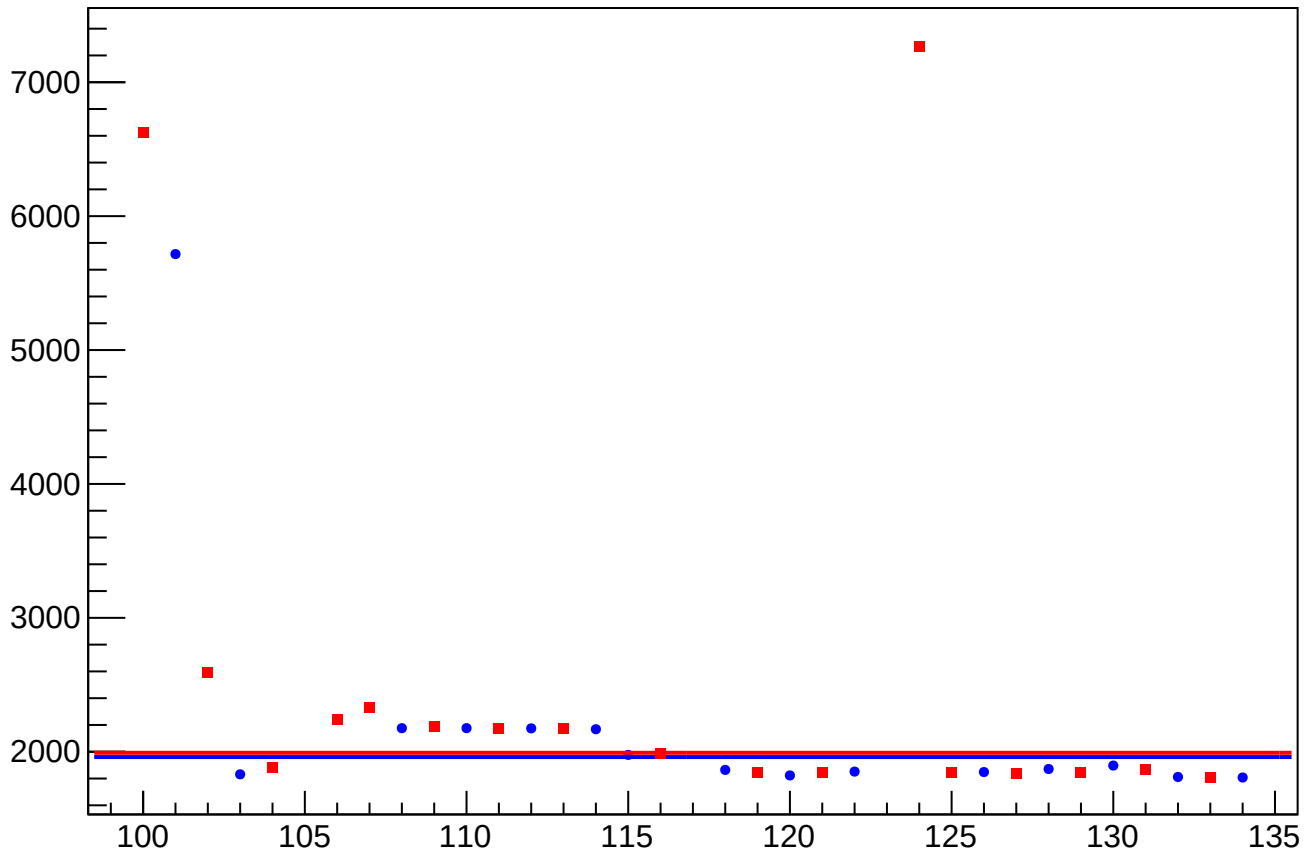
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 350.218+/-559.180 χ^2/NDF : 45.5/31

- 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: 1992.314+/-0.554 χ^2/NDF : 371009.3/16

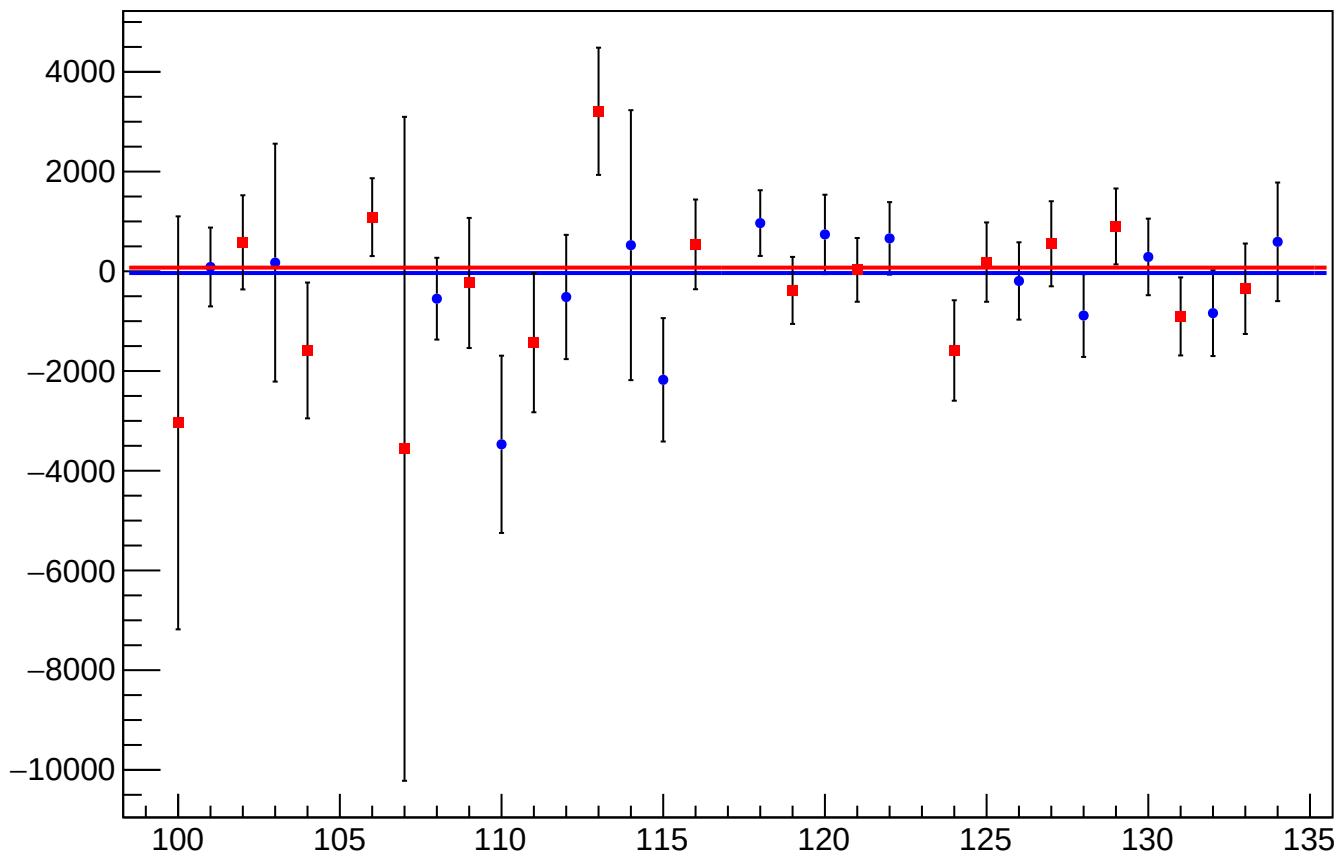
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1976.700+/-0.395 χ^2/NDF : 999244.7/31

- 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: 74.033+/-226.437 χ^2/NDF : 18.3/16

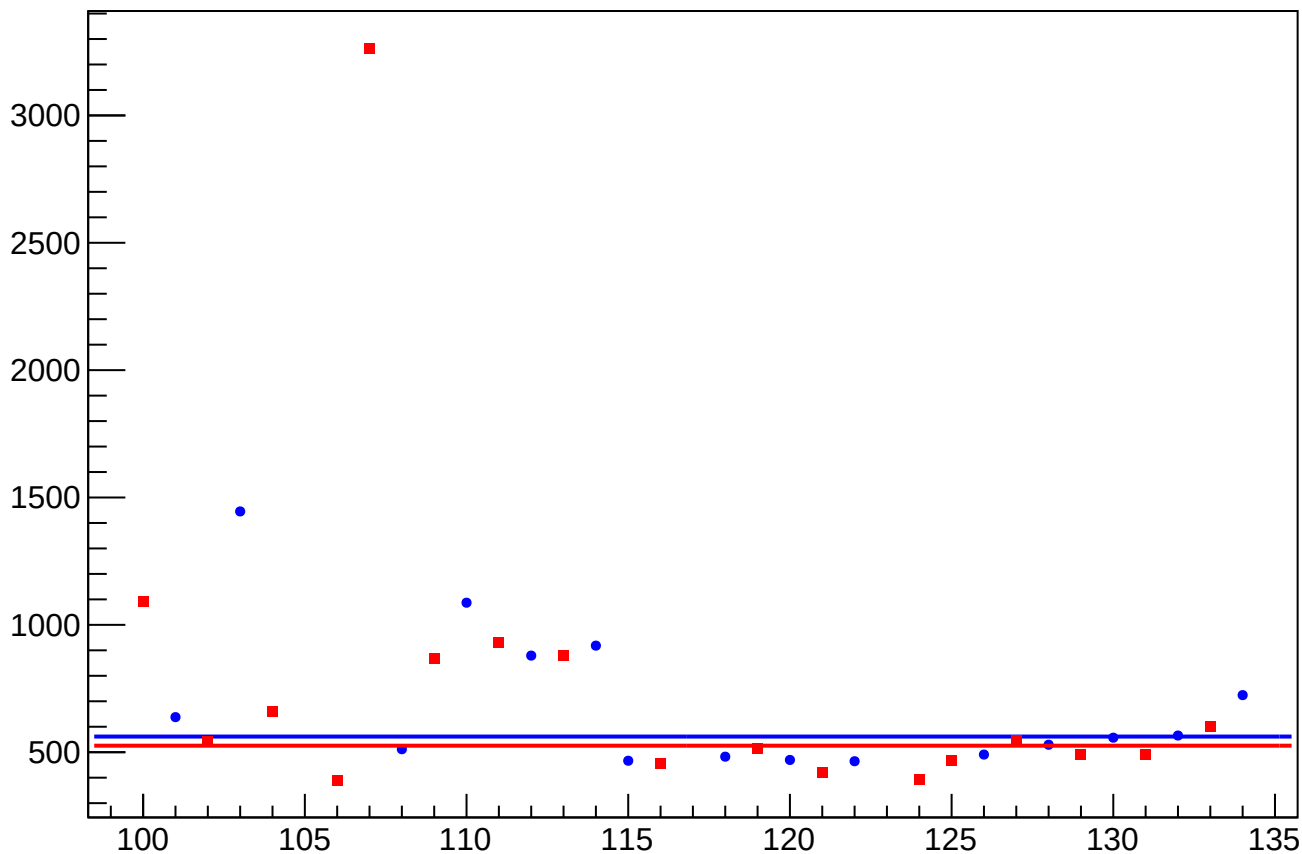
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.249+/-164.055 χ^2/NDF : 32.4/31

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

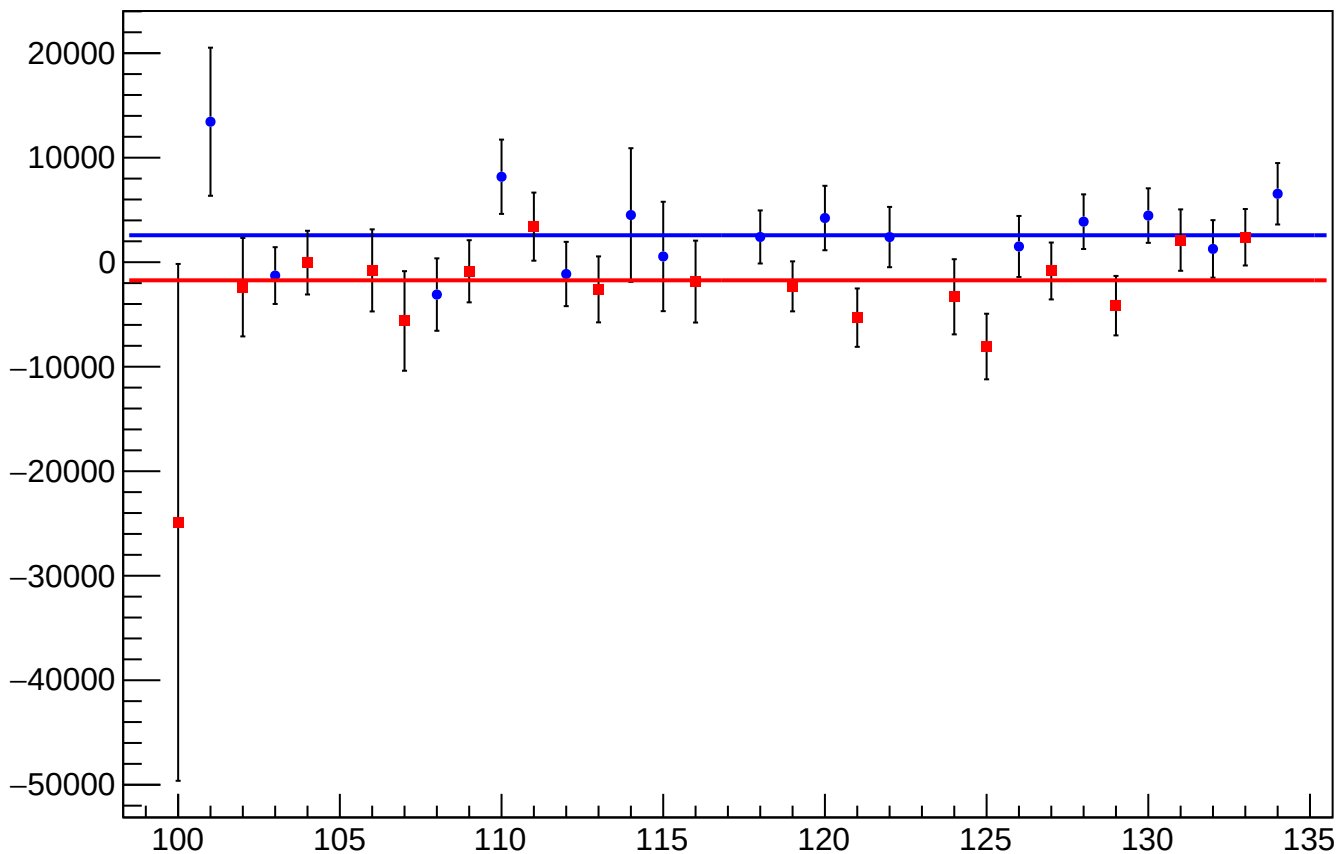
Right Out: 525.615+/-0.160 χ^2/NDF : 1057029.9/16

All: 542.646+/-0.116 χ^2/NDF : 1880614.6/31

- 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_at1_avg_mean vs Slug



Right In: 2578.396+/-810.200 χ^2/NDF : 14.5/14

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

Right Out: -1733.871+/-783.403 χ^2/NDF : 15.4/16

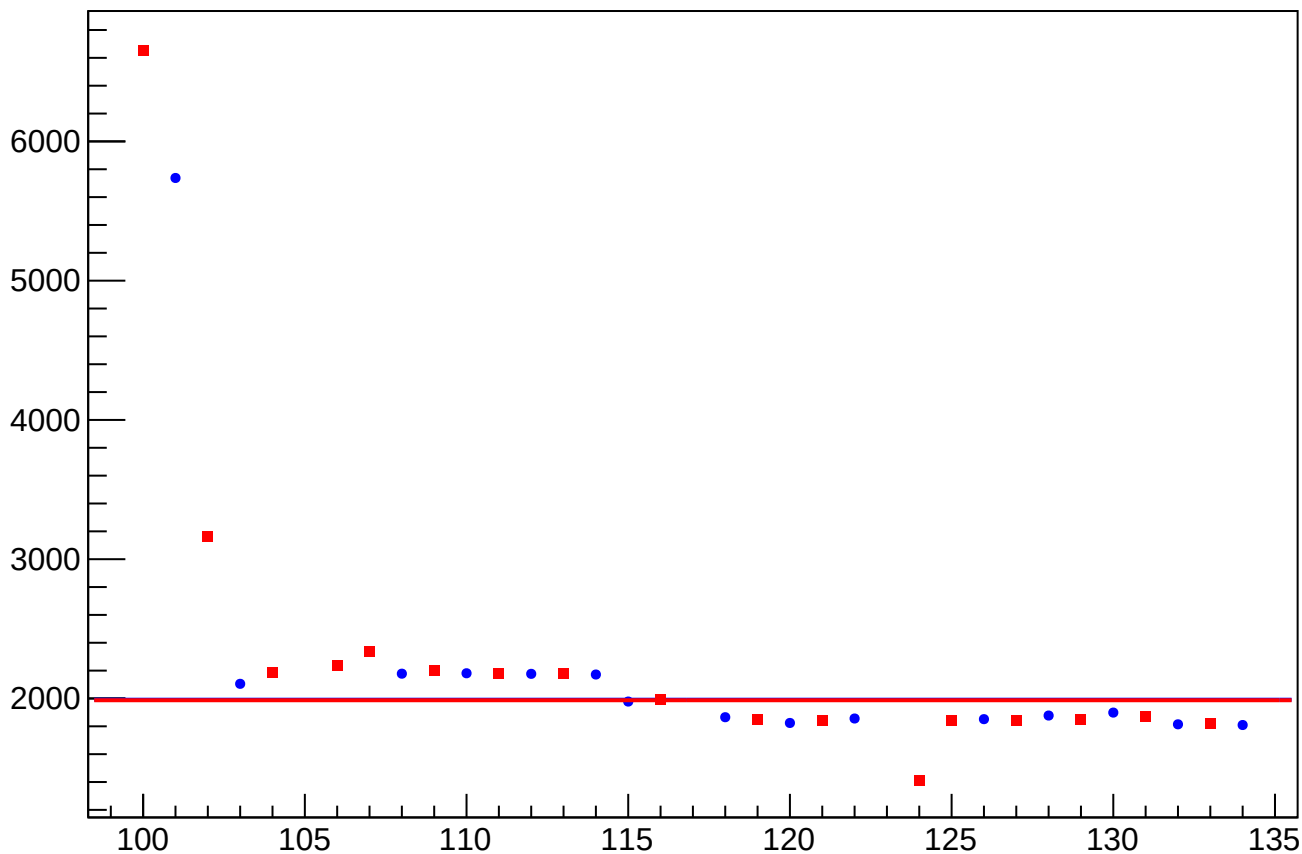
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 349.772+/-563.185 χ^2/NDF : 44.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at1_avg_rms vs Slug



Right In: 1991.058 $\pm$ 0.573 χ^2 /NDF: 624902.0/14

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

Right Out: 1987.252 $\pm$ 0.554 χ^2 /NDF: 337044.3/16

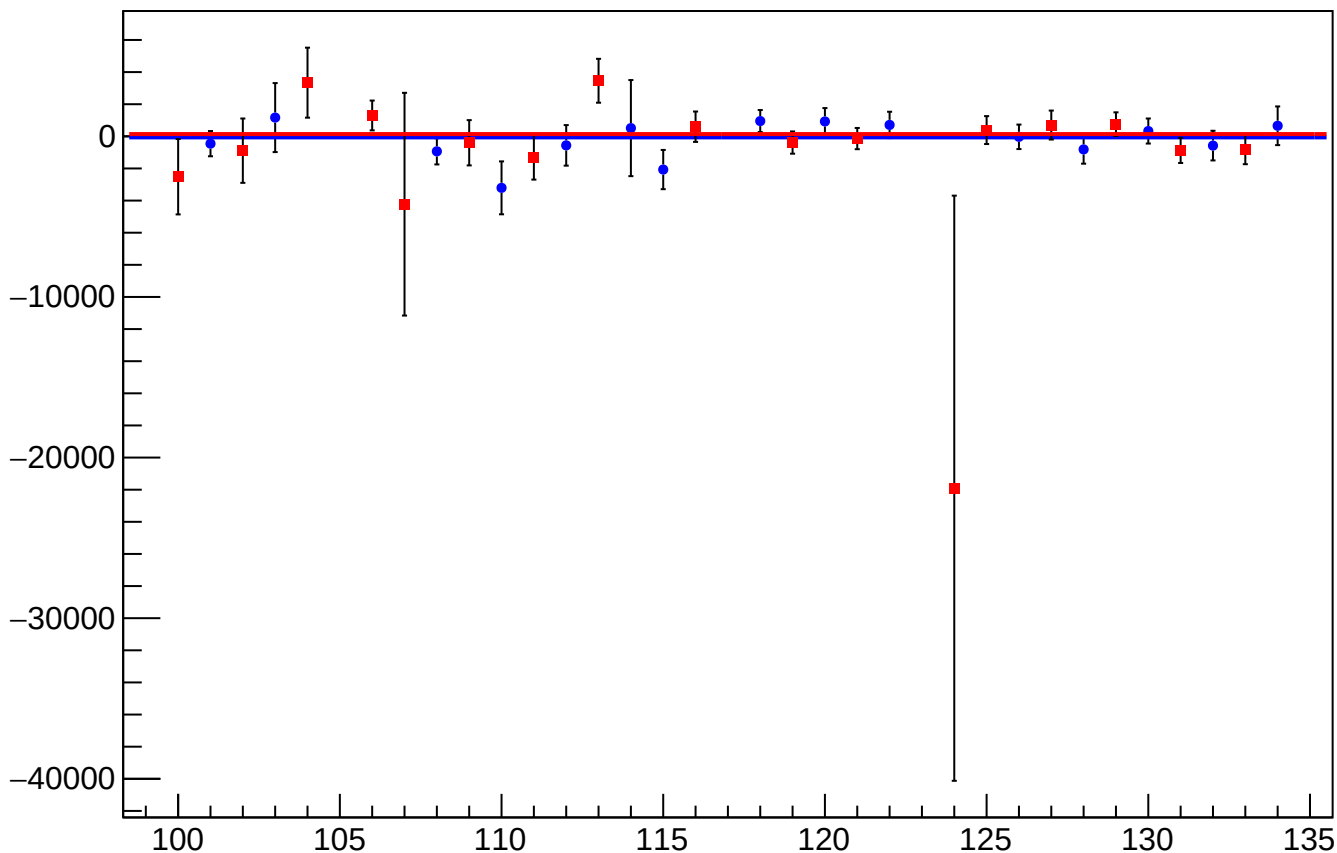
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1989.091 $\pm$ 0.398 χ^2 /NDF: 961969.1/31

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

asym_at1_avg_dit_correction_mean vs Slug



Right In: -65.750 $\pm$ 244.940 χ^2 /NDF: 14.4/14

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

Right Out: 140.842 $\pm$ 249.304 χ^2 /NDF: 19.2/16

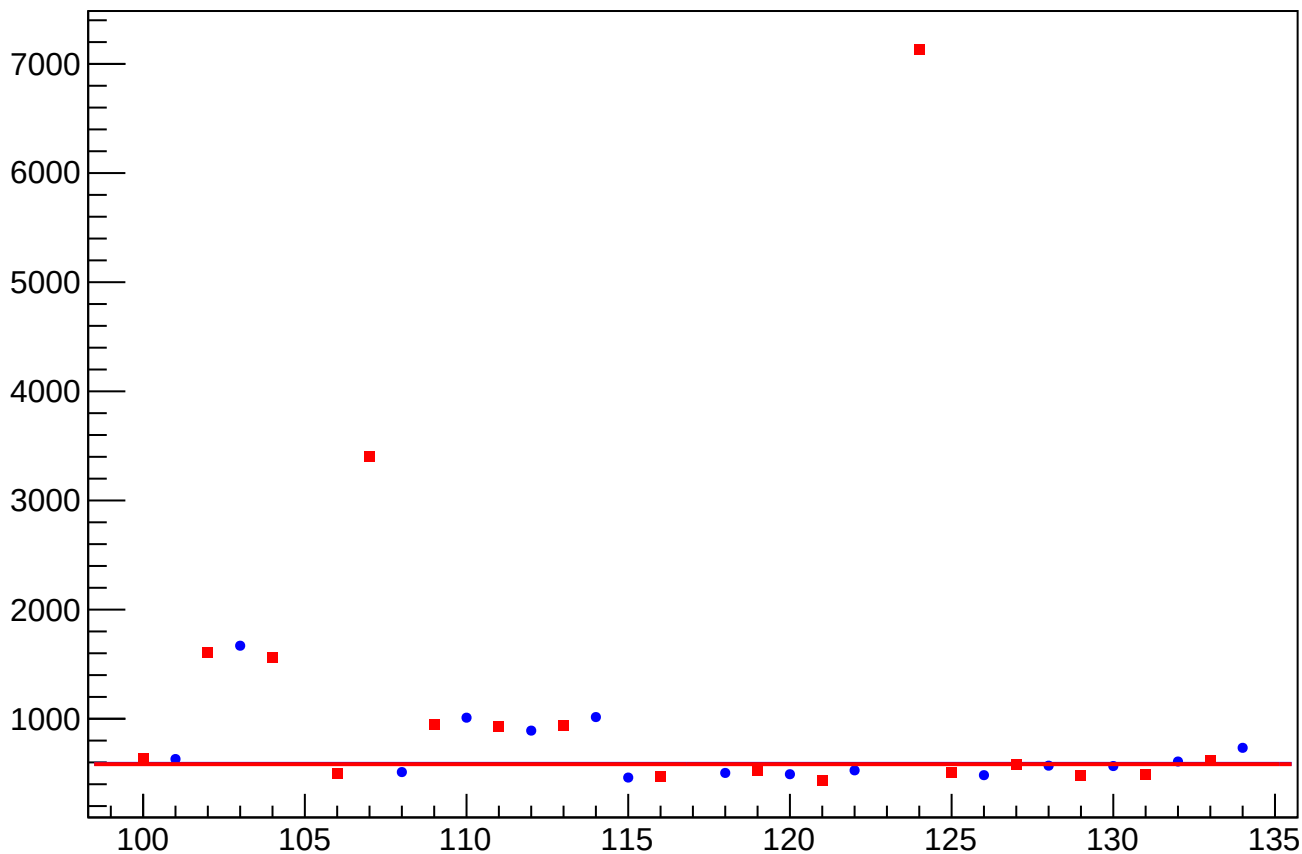
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 35.722 $\pm$ 174.721 χ^2 /NDF: 33.9/31

- sign 0.000 $\pm$ 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: 583.966+/-0.176 χ^2/NDF : 2157542.3/16

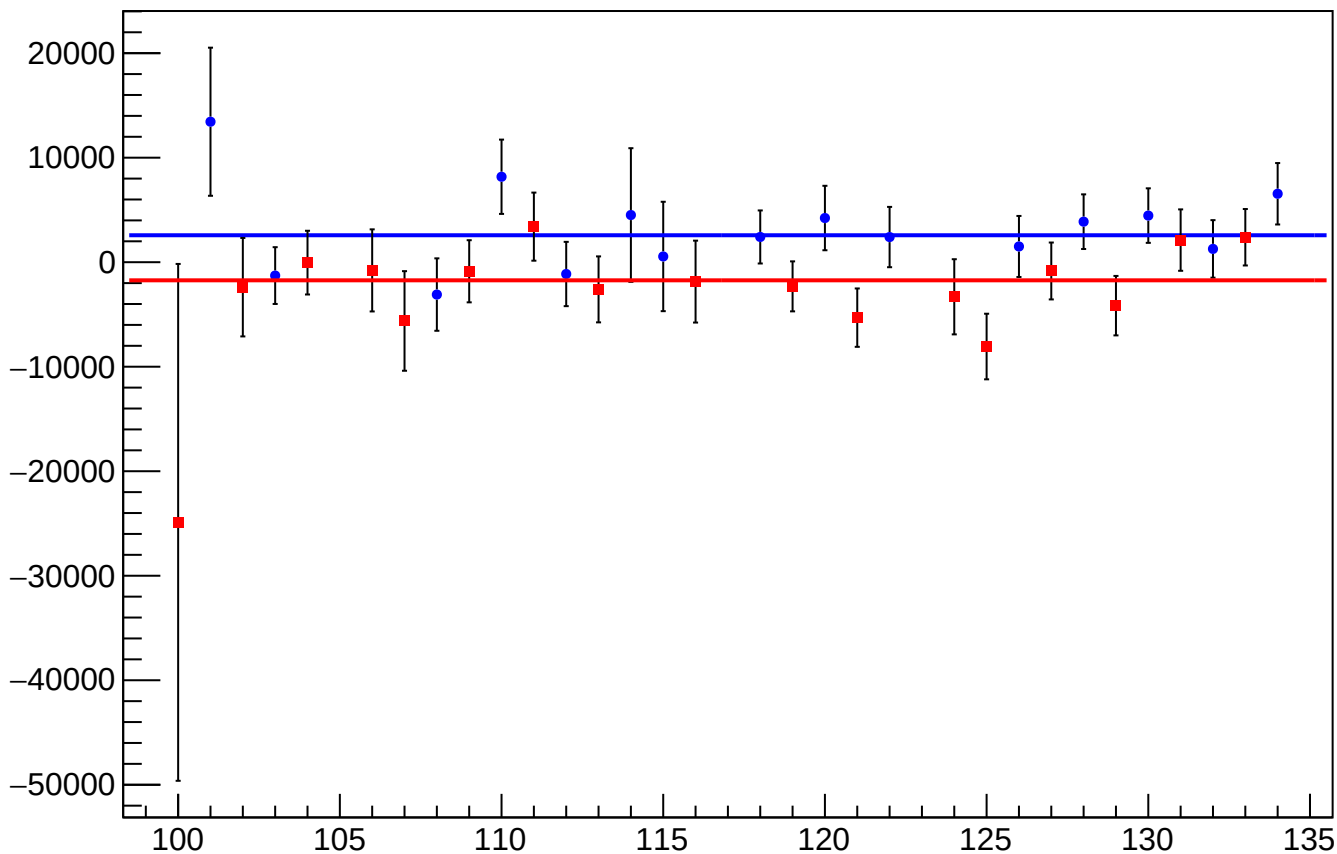
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 585.262+/-0.124 χ^2/NDF : 3135084.6/31

- 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: -1733.869+/-783.403 χ^2/NDF : 15.4/16

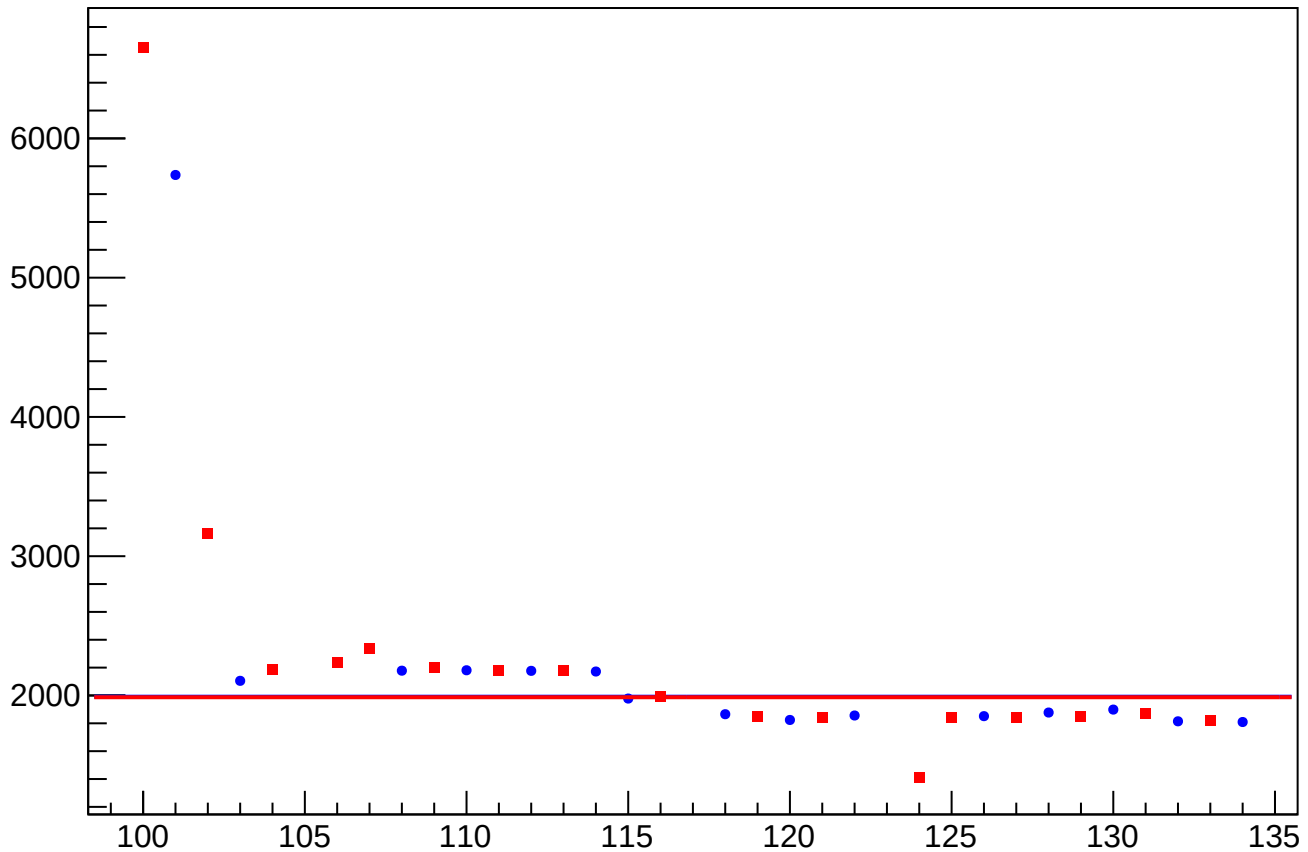
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 349.771+/-563.185 χ^2/NDF : 44.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_avg_rms vs Slug



Right In: 1991.057 $\pm$ 0.573 χ^2 /NDF: 624901.8/14

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

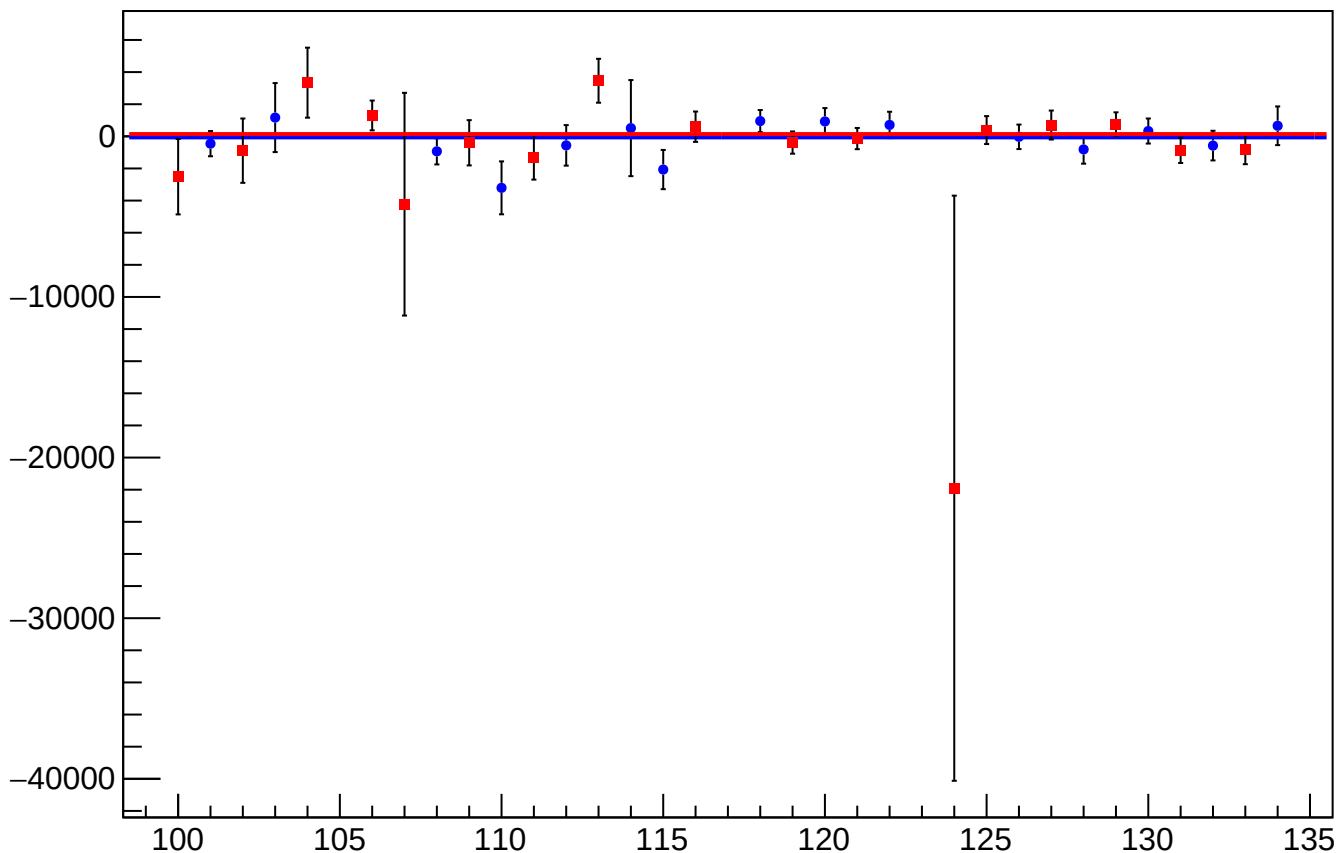
Right Out: 1987.252 $\pm$ 0.554 χ^2 /NDF: 337043.0/16

All: 1989.091 $\pm$ 0.398 χ^2 /NDF: 961967.7/31

- 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_at1_avg_eigen_dit_correction_mean vs Slug



Right In: -65.750 ± 244.939 χ^2/NDF : 14.4/14

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

Right Out: 140.841 ± 249.303 χ^2/NDF : 19.2/16

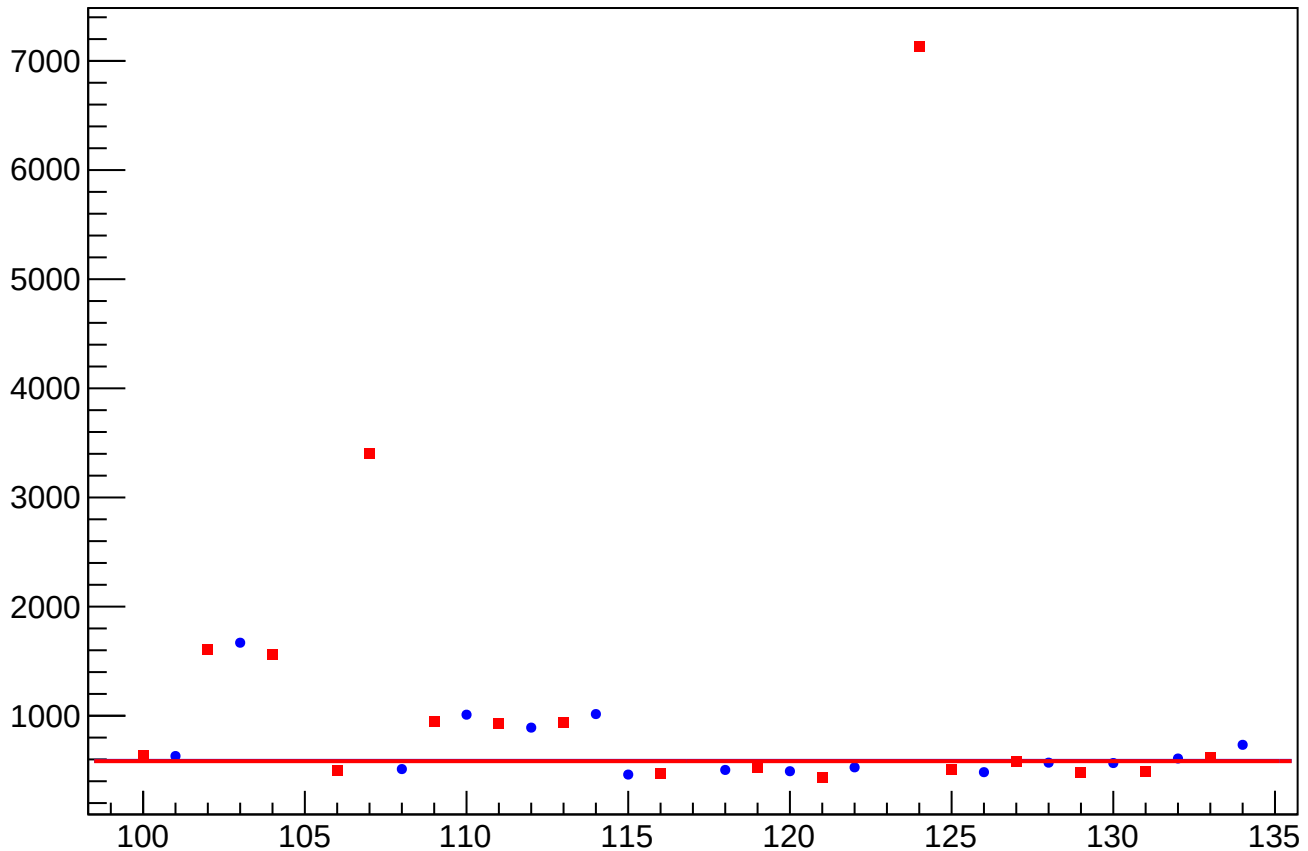
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 35.722 ± 174.721 χ^2/NDF : 33.9/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_dit_correction_rms vs Slug



Right In: 586.512+/-0.173 χ^2/NDF : 977440.2/14

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

Right Out: 583.965+/-0.176 χ^2/NDF : 2157547.5/16

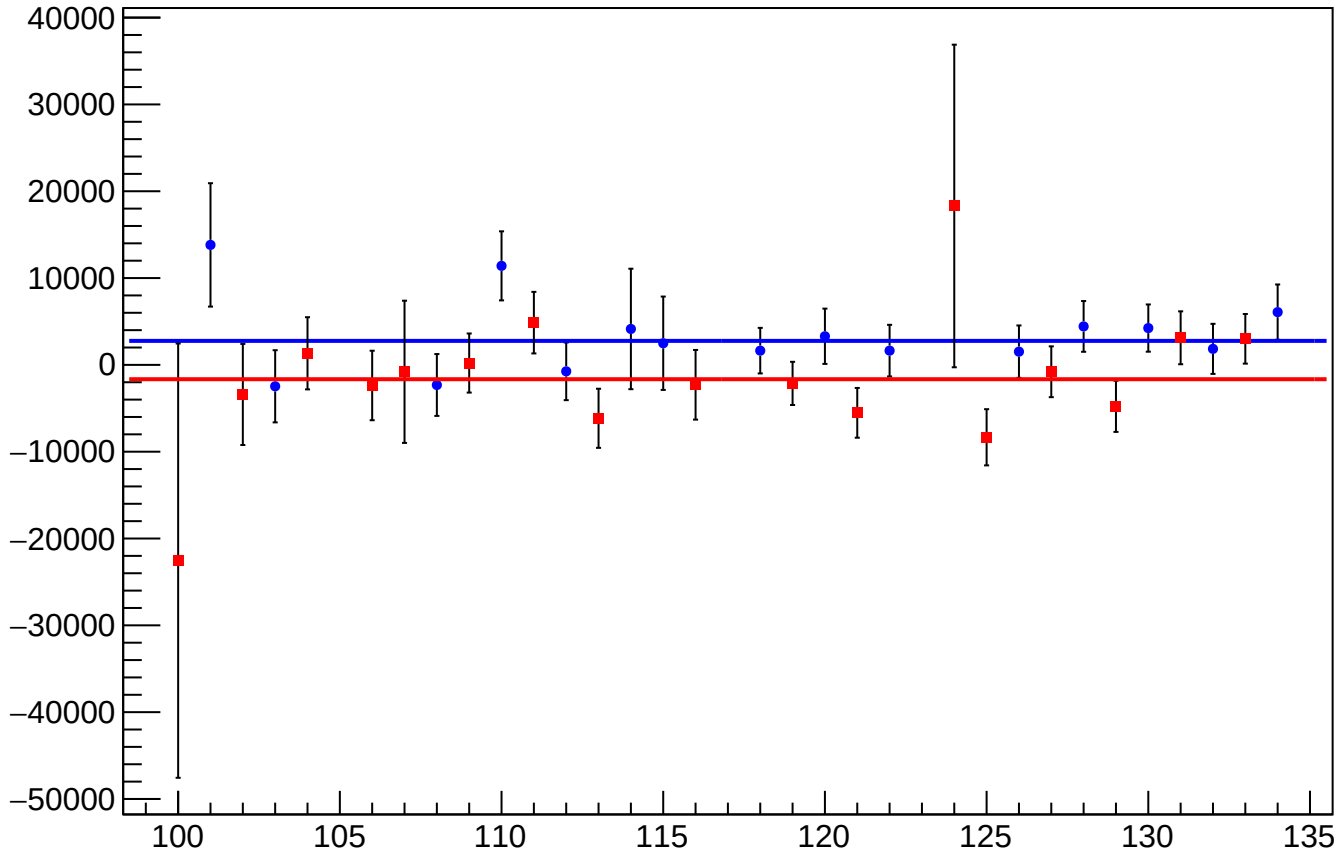
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 585.261+/-0.124 χ^2/NDF : 3135093.9/31

- sign 0.000+/-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: -1650.470+/-868.961 χ^2/NDF : 20.4/16

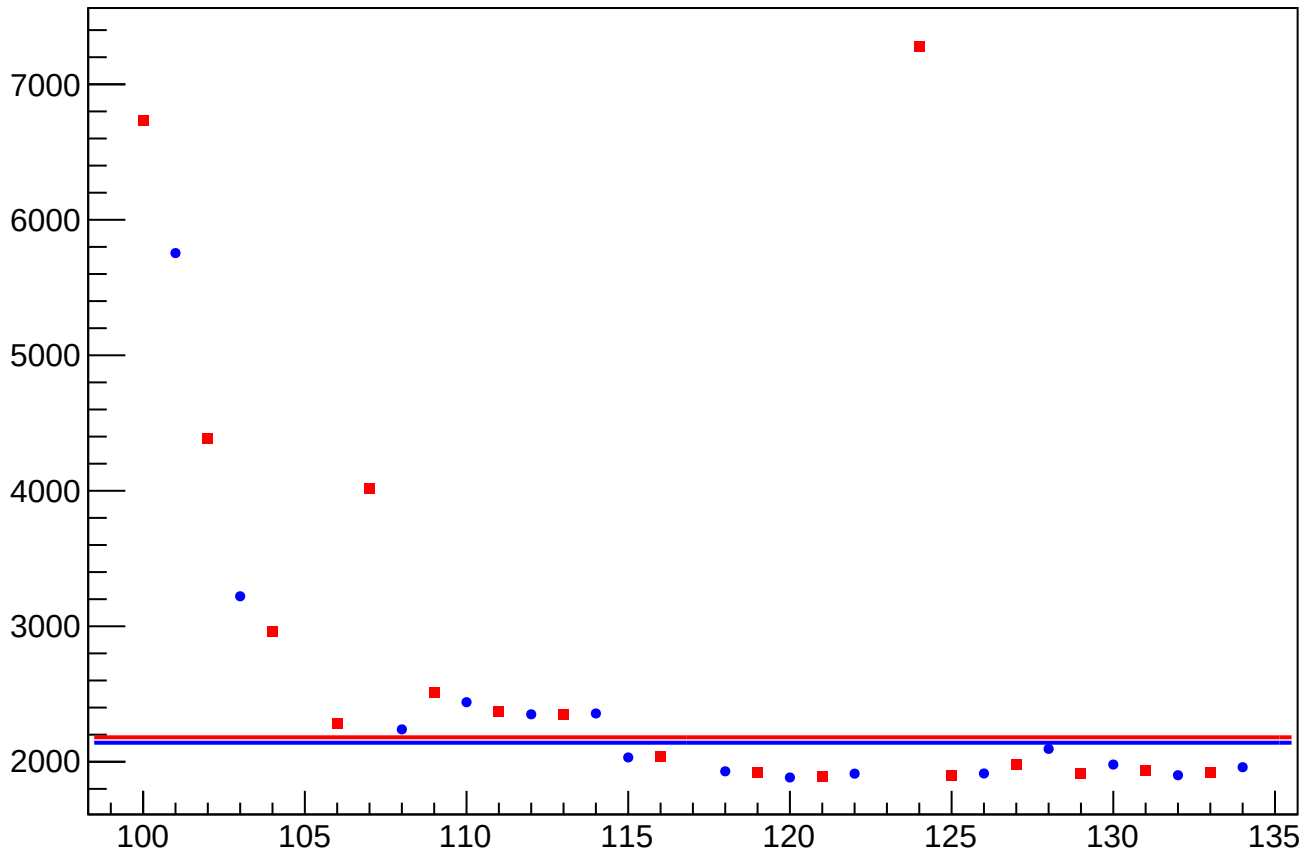
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 539.483+/-616.871 χ^2/NDF : 47.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_rms vs Slug



Right In: 2140.705 $\pm$ 0.619 χ^2 /NDF: 752851.3/14

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

Right Out: 2180.655 $\pm$ 0.614 χ^2 /NDF: 820041.5/16

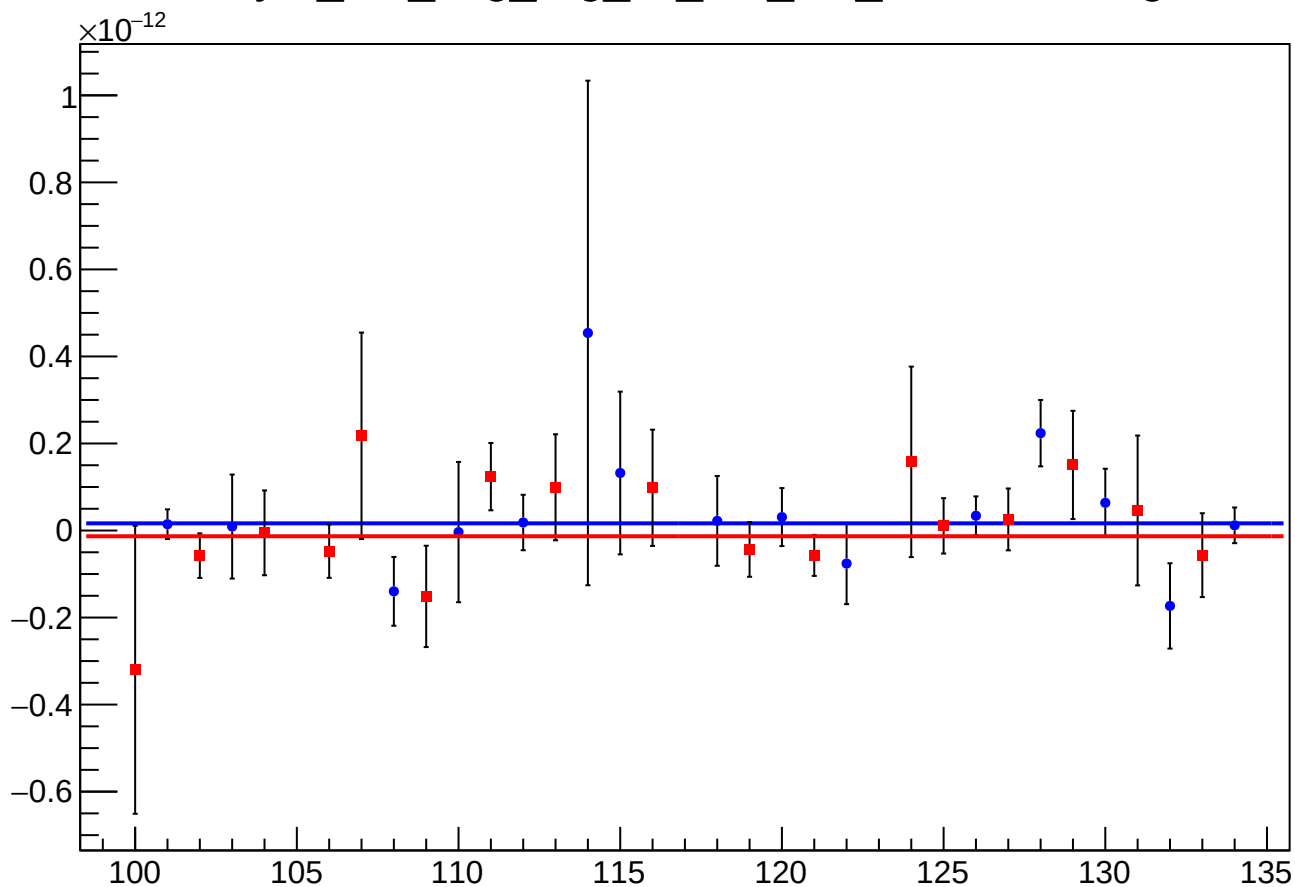
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 2160.838 $\pm$ 0.436 χ^2 /NDF: 1574989.8/31

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

asym_at1_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 17.6/14

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

Right Out: -0.000 ± 0.000 χ^2/NDF : 13.2/16

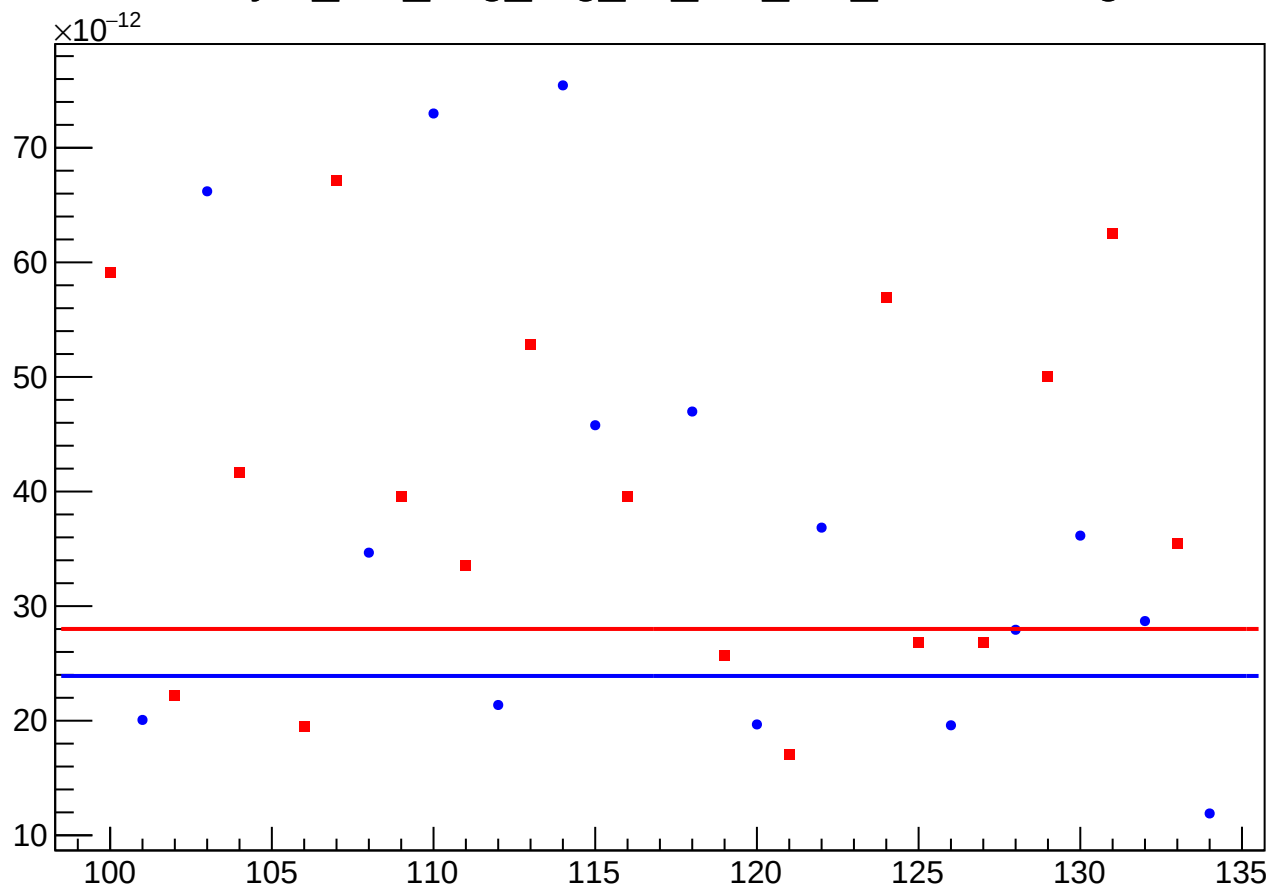
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 32.0/31

- sign 0.000 ± 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 : 606333.5/16

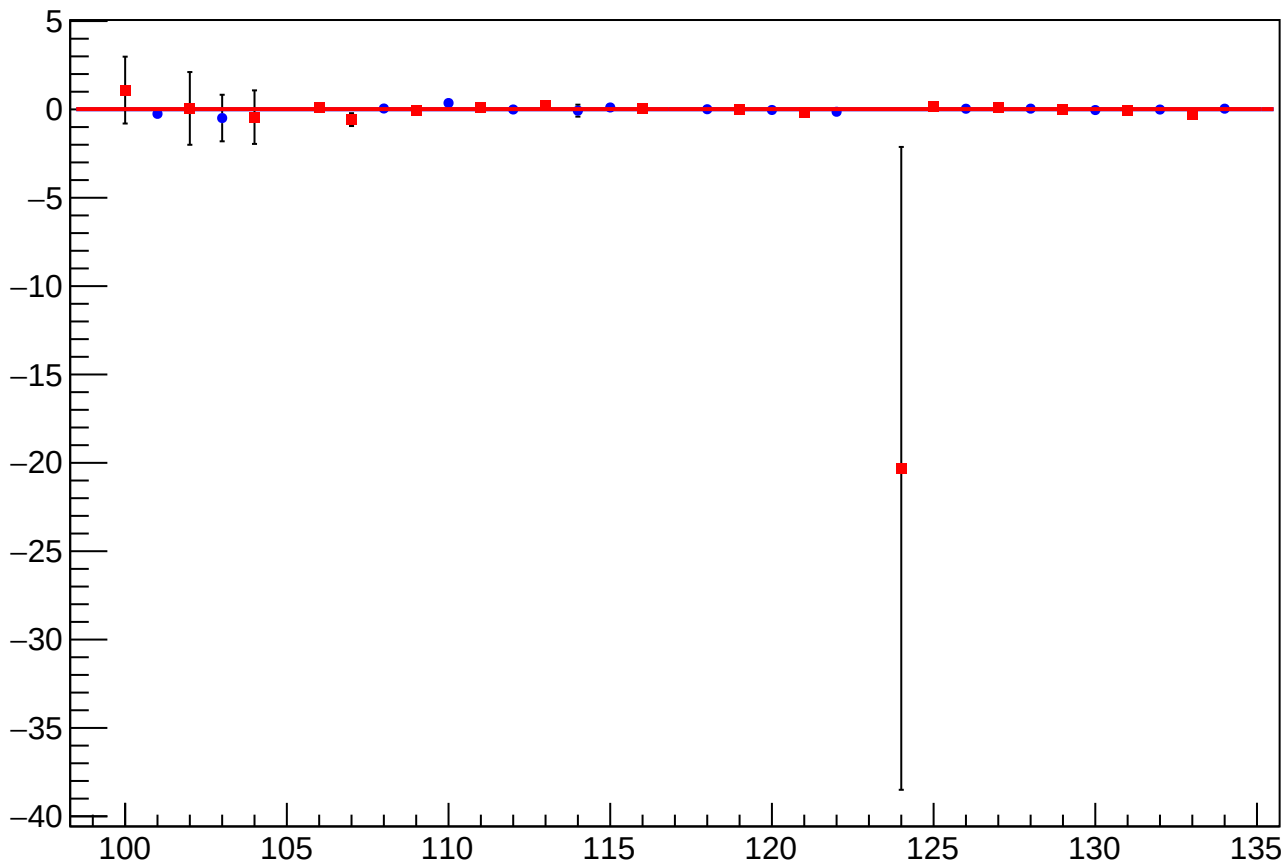
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1595763.6/31

- 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: 0.017 $\pm$ 0.026 χ^2 /NDF: 16.9/16

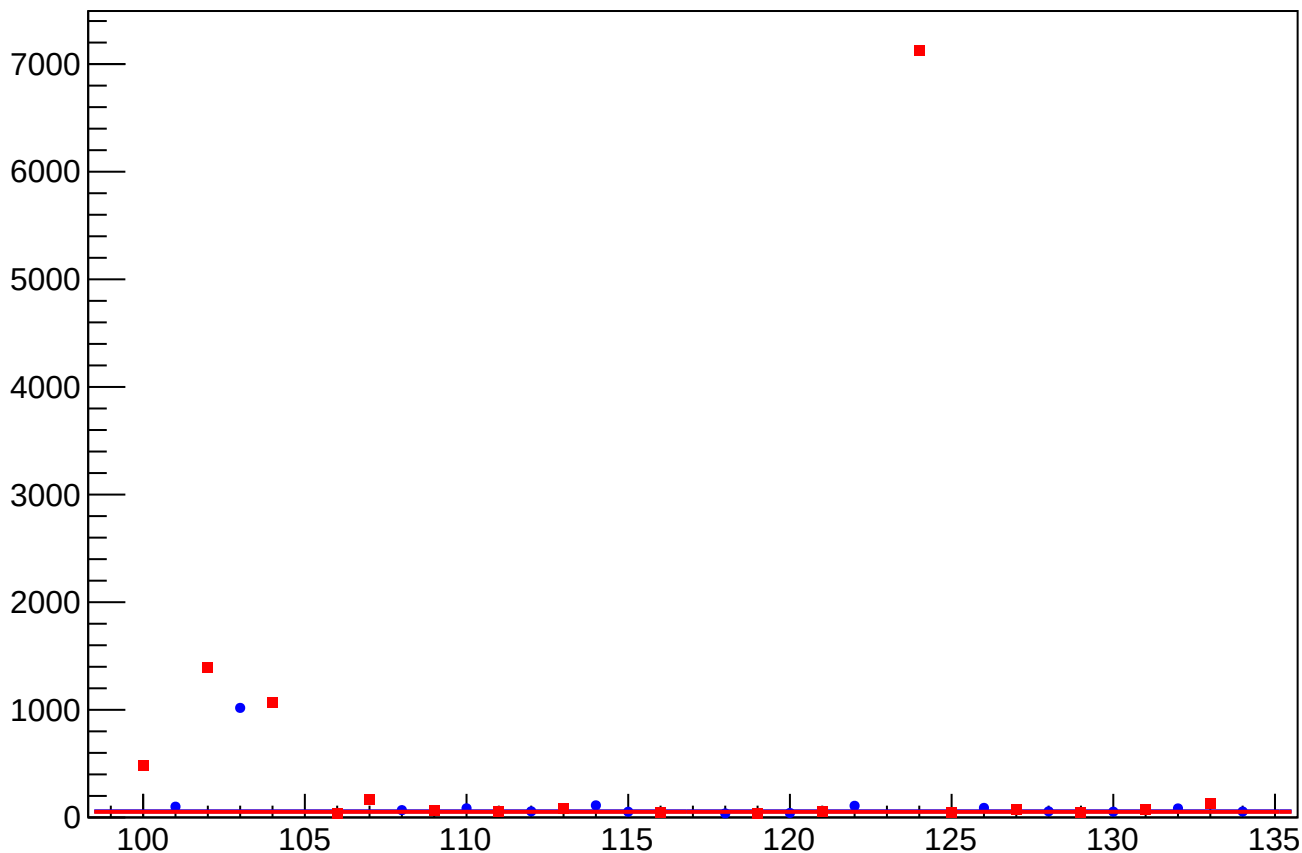
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.012 $\pm$ 0.019 χ^2 /NDF: 28.2/31

- 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: 52.296+/-0.019 χ^2/NDF : 3190155.6/16

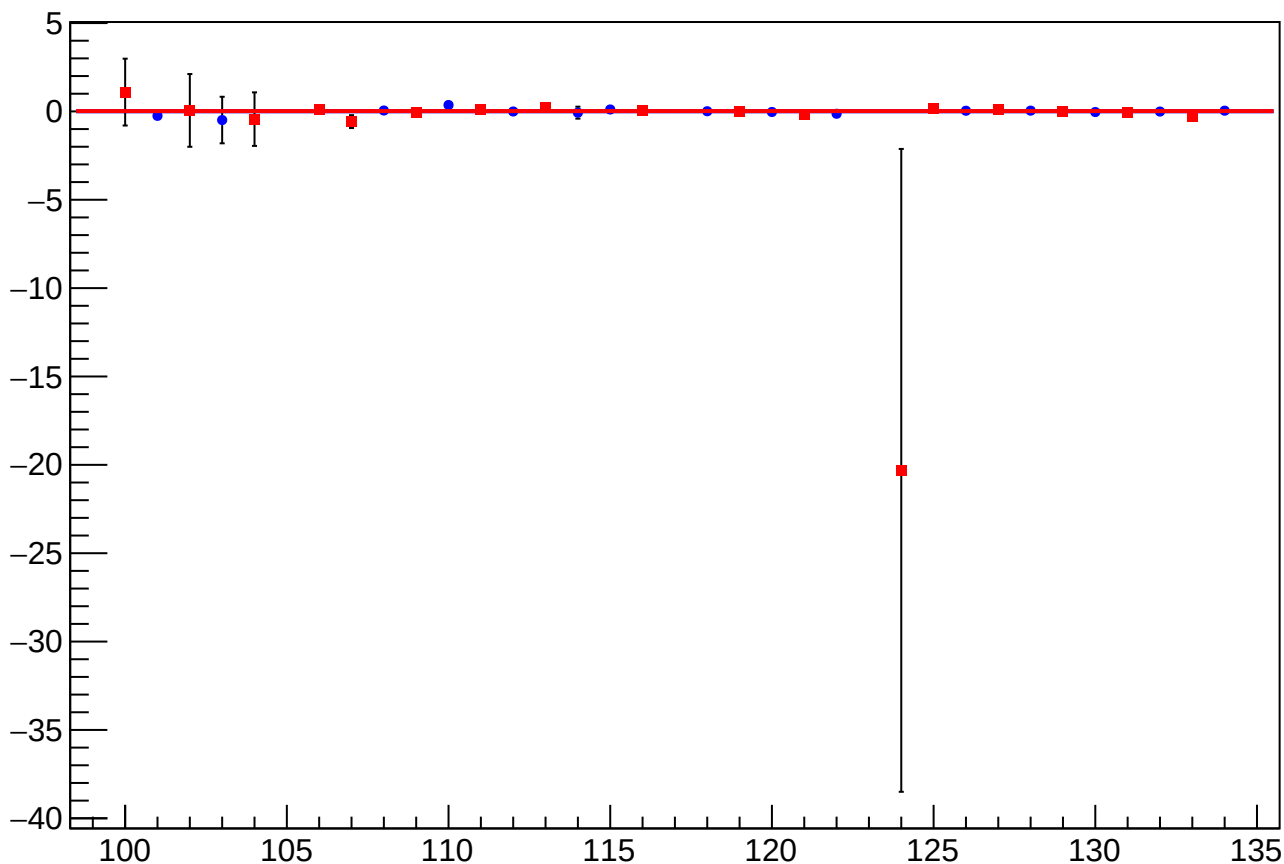
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.661+/-0.013 χ^2/NDF : 5284447.7/31

- 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: 0.017 $\pm$ 0.026 χ^2 /NDF: 16.9/16

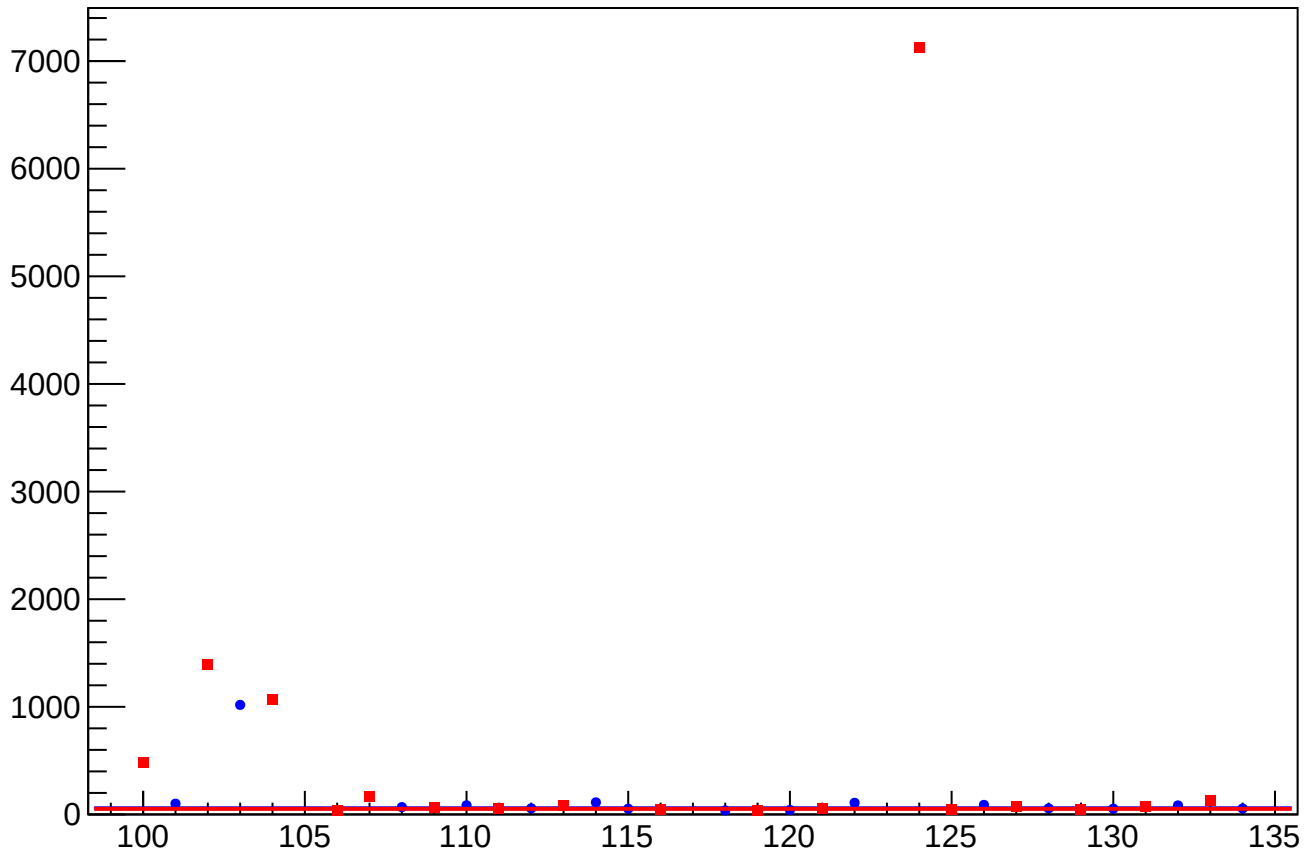
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.012 $\pm$ 0.019 χ^2 /NDF: 28.2/31

- 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: 52.296+/-0.019 χ^2/NDF : 3190155.6/16

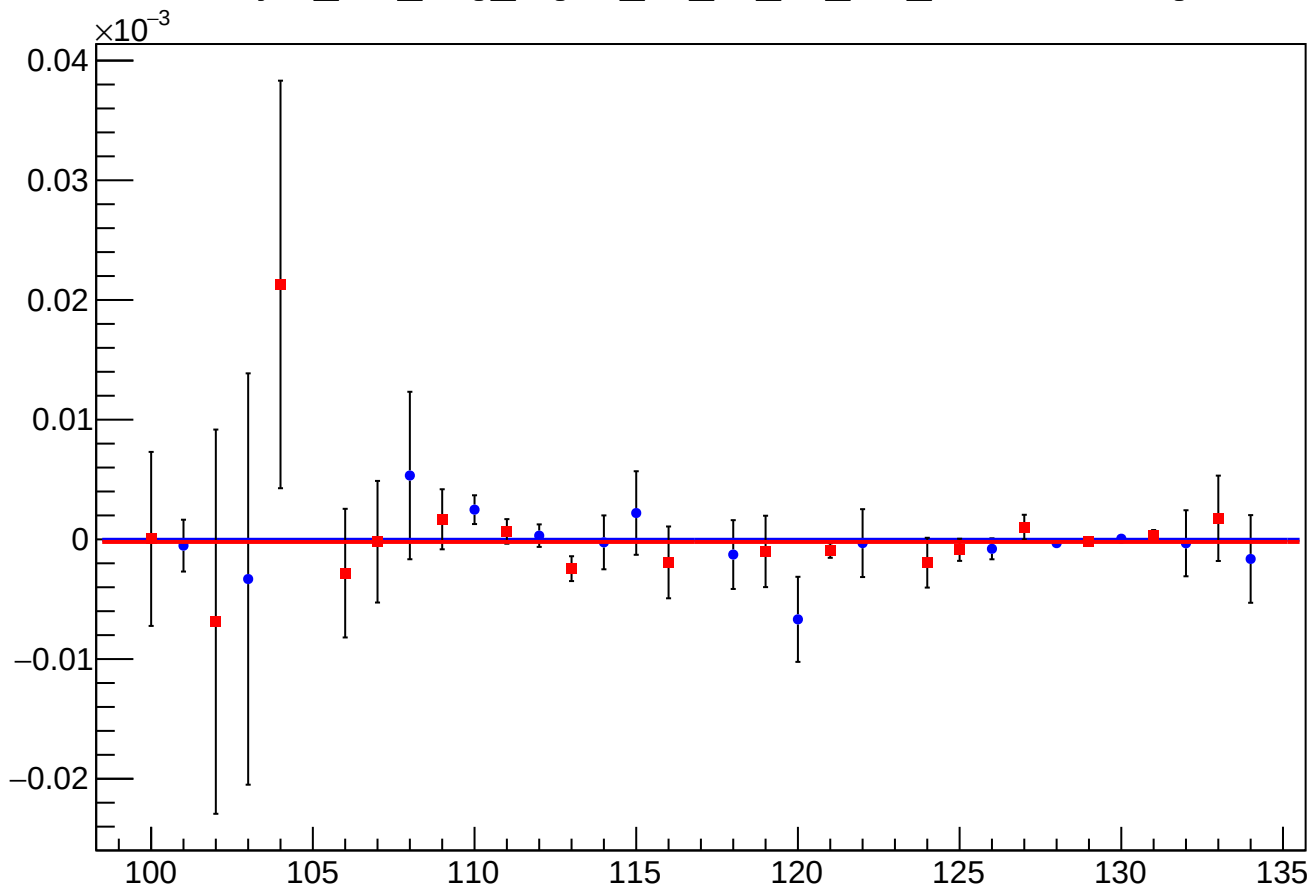
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.661+/-0.013 χ^2/NDF : 5284447.7/31

- 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 : 14.3/16

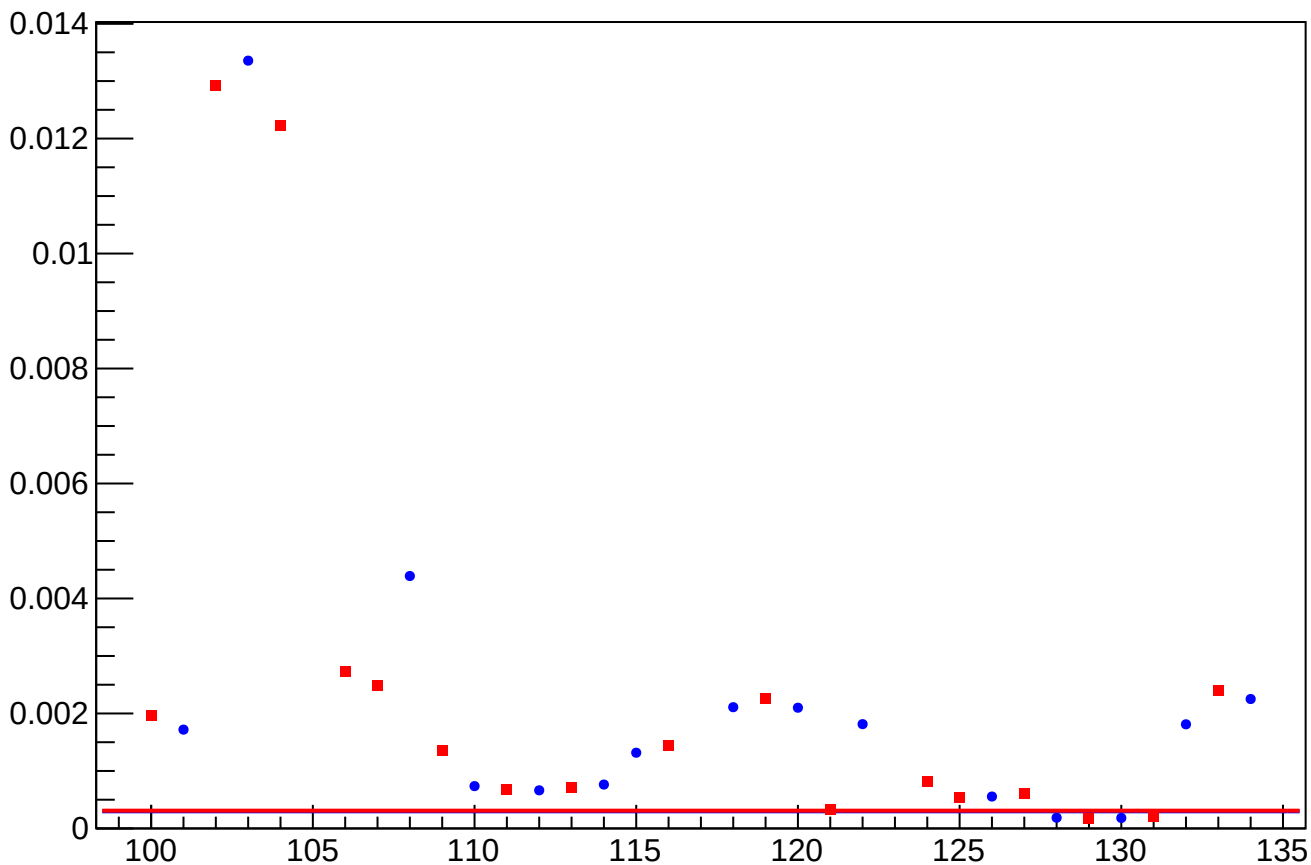
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2/NDF : 25.6/31

- 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 : 6867757.0/16

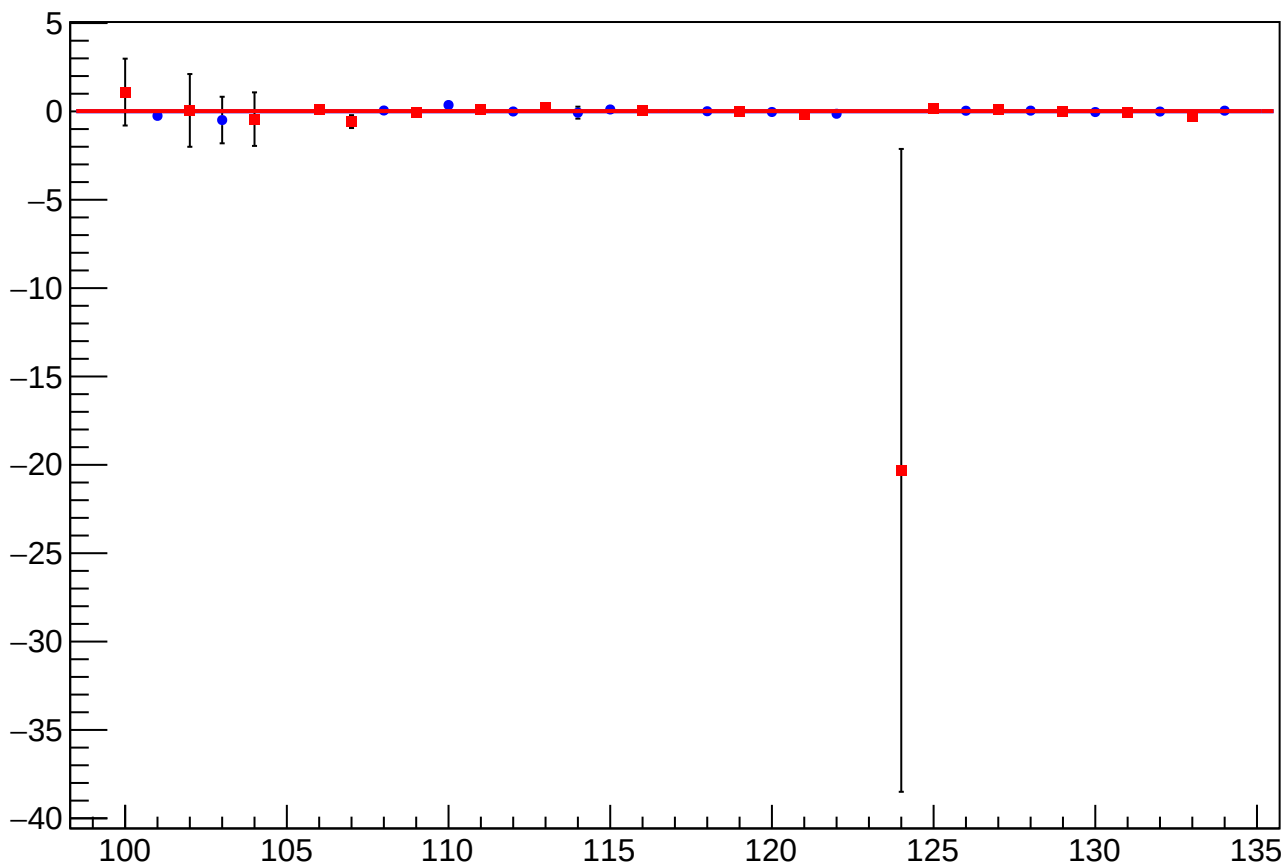
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14201675.9/31

- 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: 0.017 $\pm$ 0.026 χ^2/NDF : 16.9/16

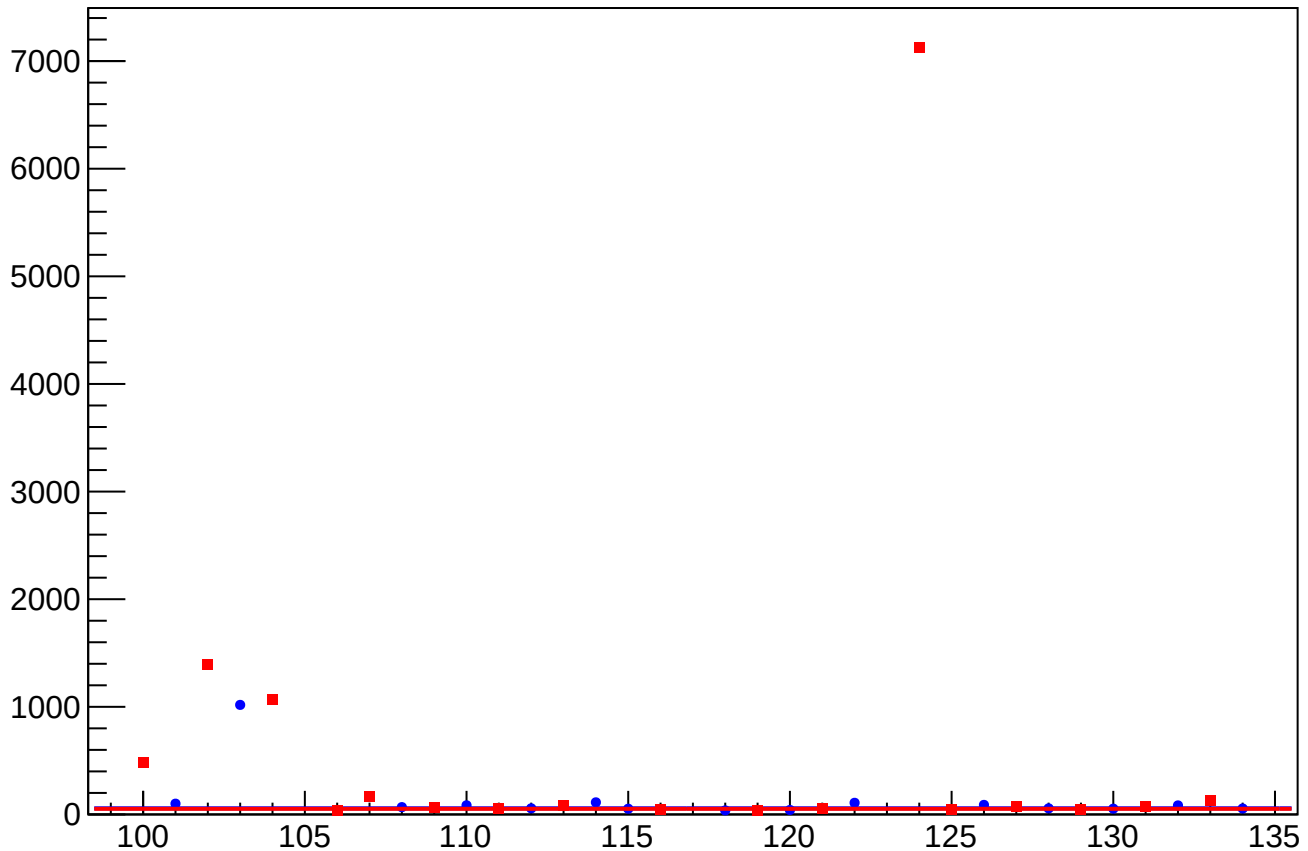
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: 0.012 $\pm$ 0.019 χ^2/NDF : 28.2/31

- 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: 52.295+/-0.019 χ^2/NDF : 3190205.2/16

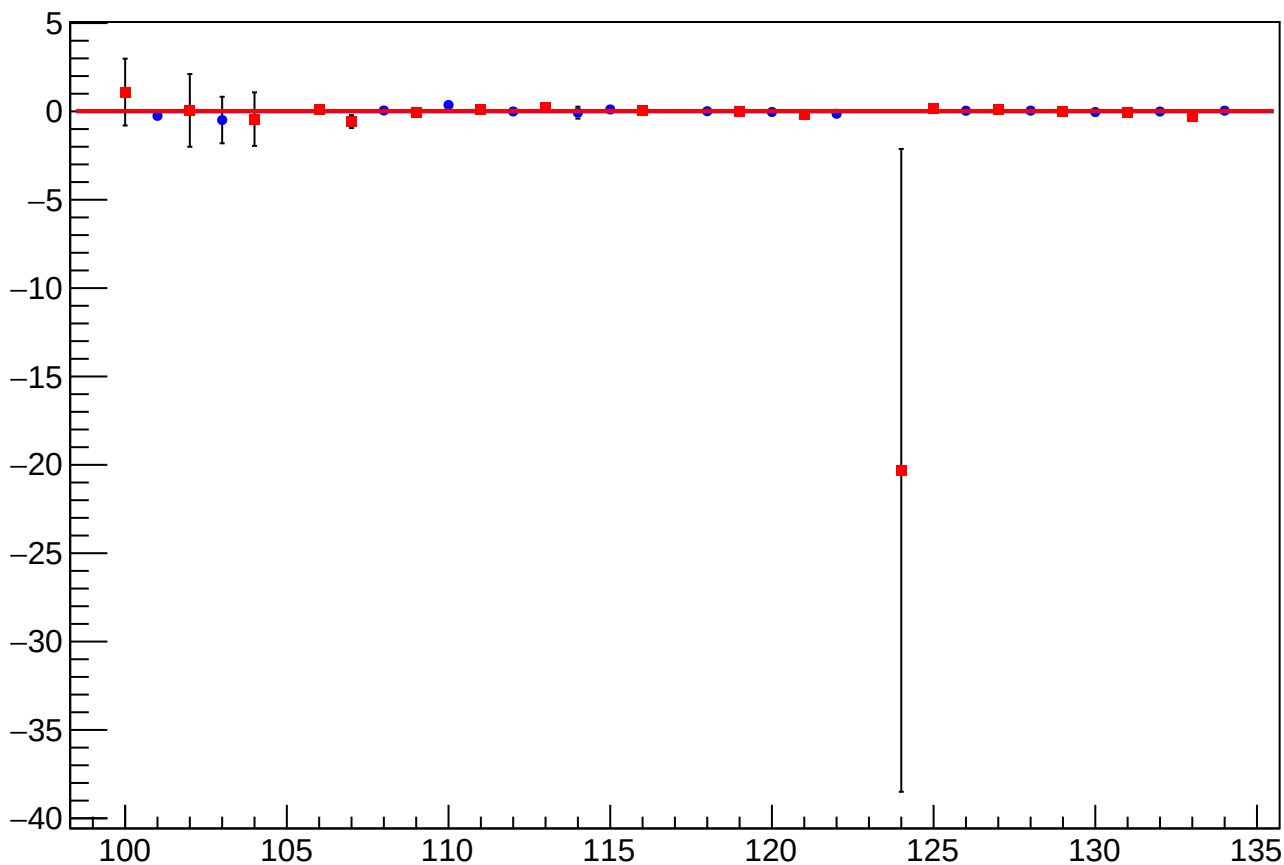
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.660+/-0.013 χ^2/NDF : 5284518.0/31

- 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: 0.017 $\pm$ 0.026 χ^2 /NDF: 16.9/16

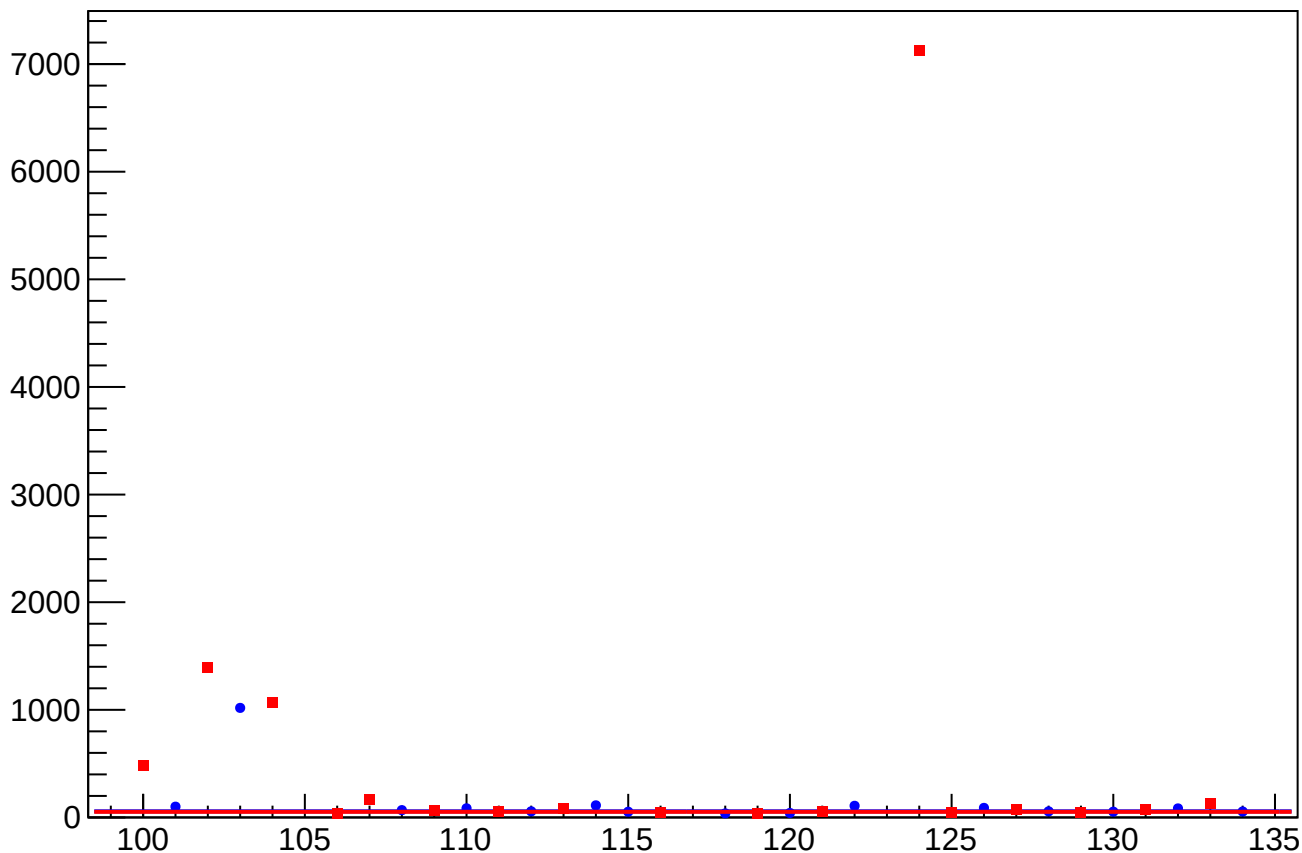
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.012 $\pm$ 0.019 χ^2 /NDF: 28.2/31

- 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: 52.295+/-0.019 χ^2/NDF : 3190205.2/16

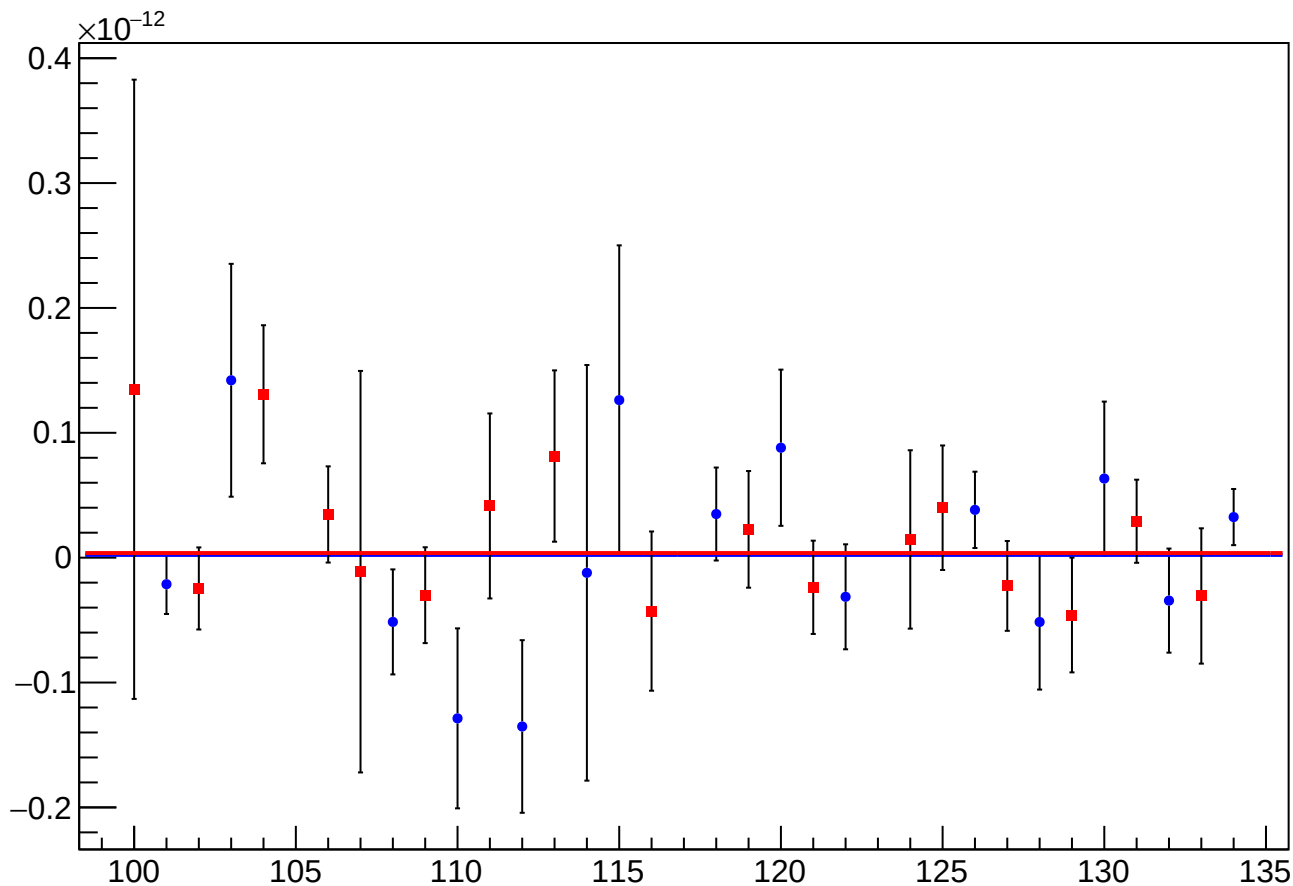
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.660+/-0.013 χ^2/NDF : 5284518.0/31

- 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: 13.8/16

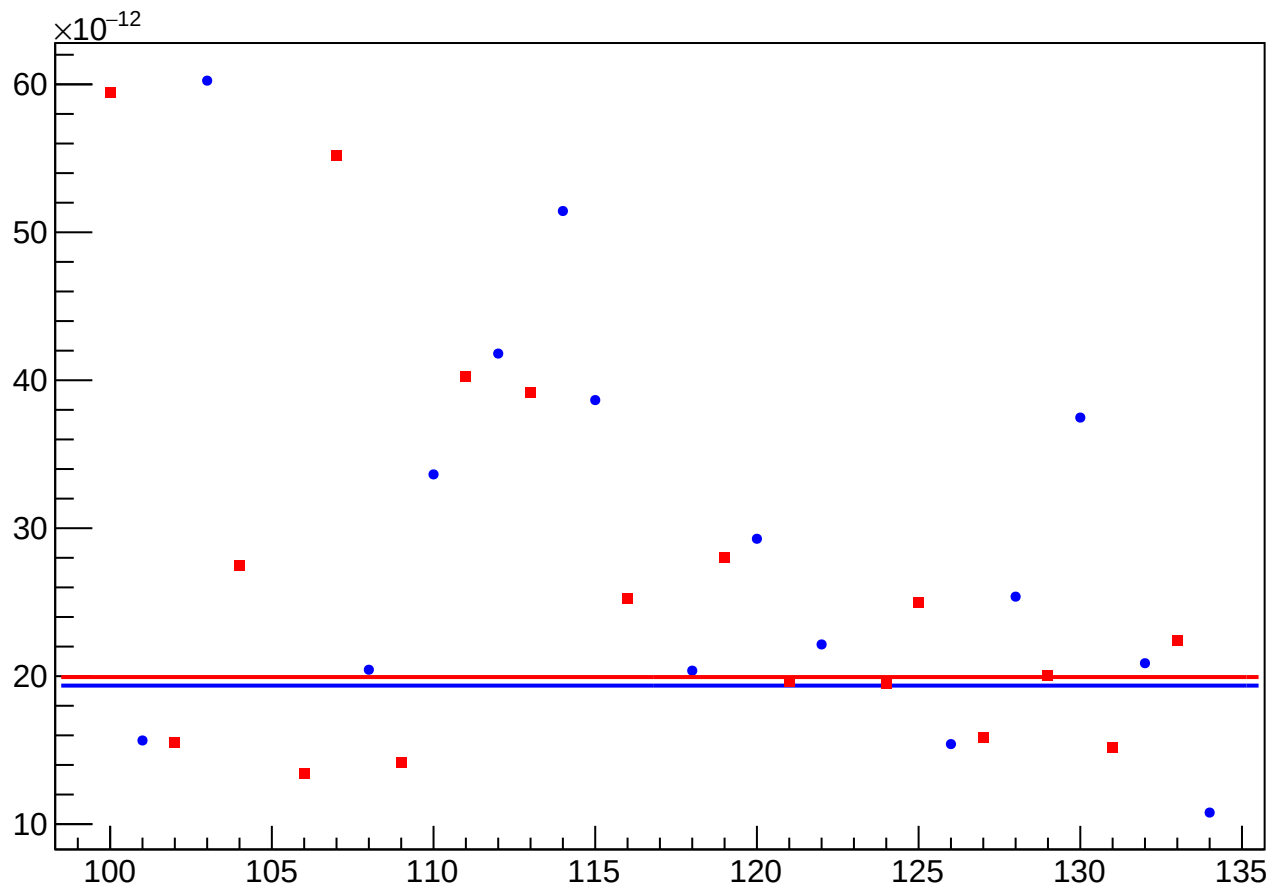
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 36.1/31

- 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 : 796356.7/16

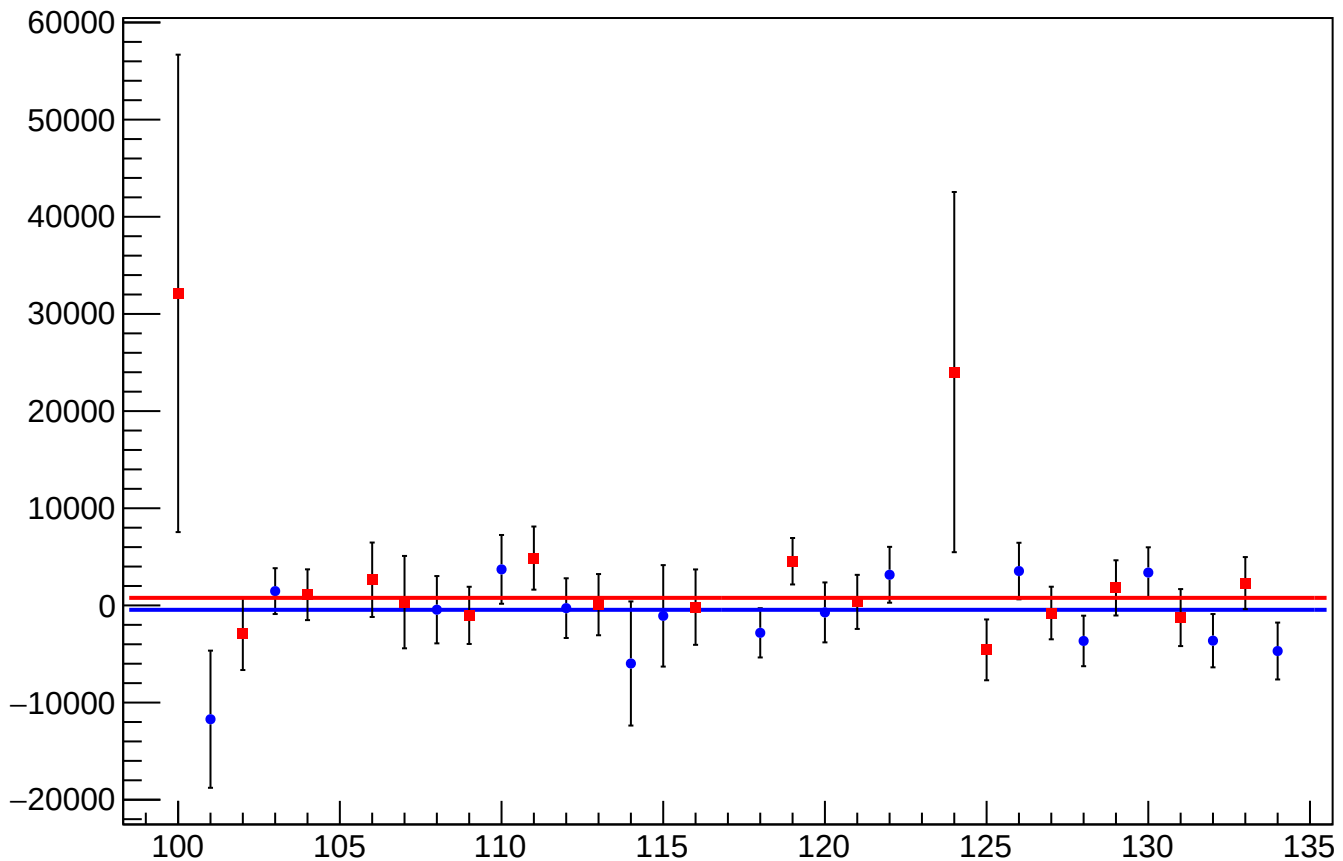
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2230516.3/31

- 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: 777.531+/-781.972 χ^2 /NDF: 13.2/16

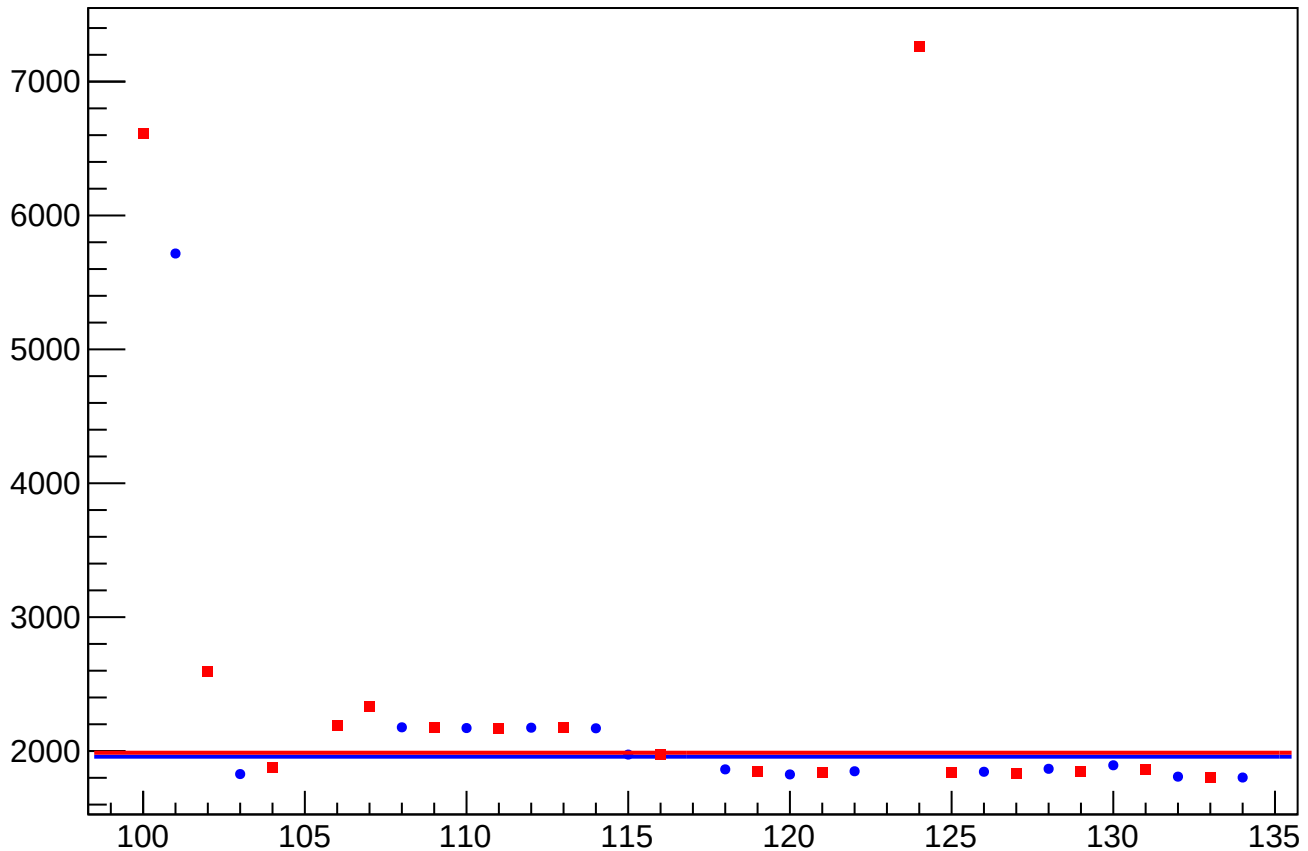
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 173.816+/-558.105 χ^2 /NDF: 31.3/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_rms vs Slug



Right In: 1957.940 $\pm$ 0.563 χ^2 /NDF: 628008.6/14

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

Right Out: 1987.474 $\pm$ 0.553 χ^2 /NDF: 368791.4/16

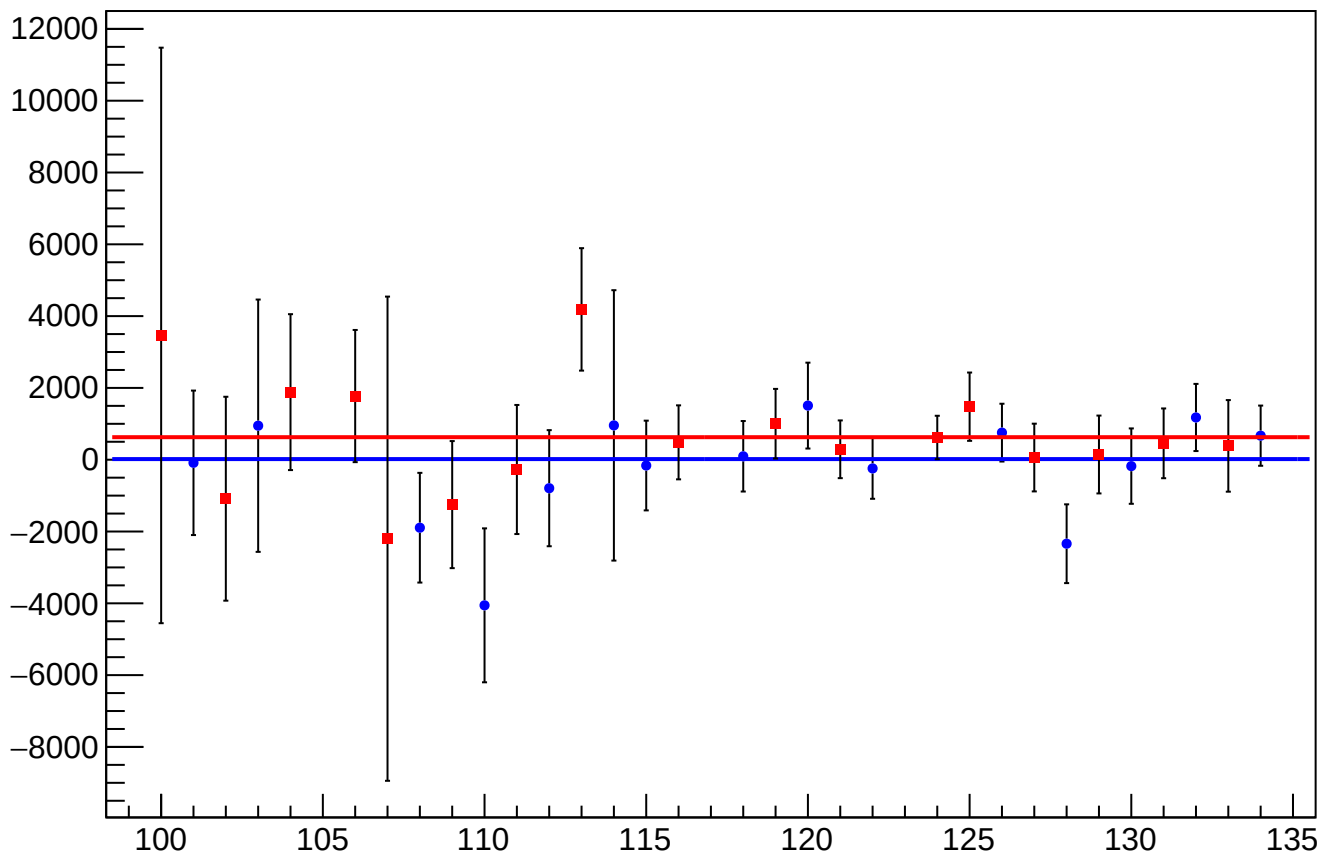
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1972.984 $\pm$ 0.395 χ^2 /NDF: 998199.7/31

- sign 0.000 $\pm$ 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: 627.570+/-280.822 χ^2/NDF : 8.9/16

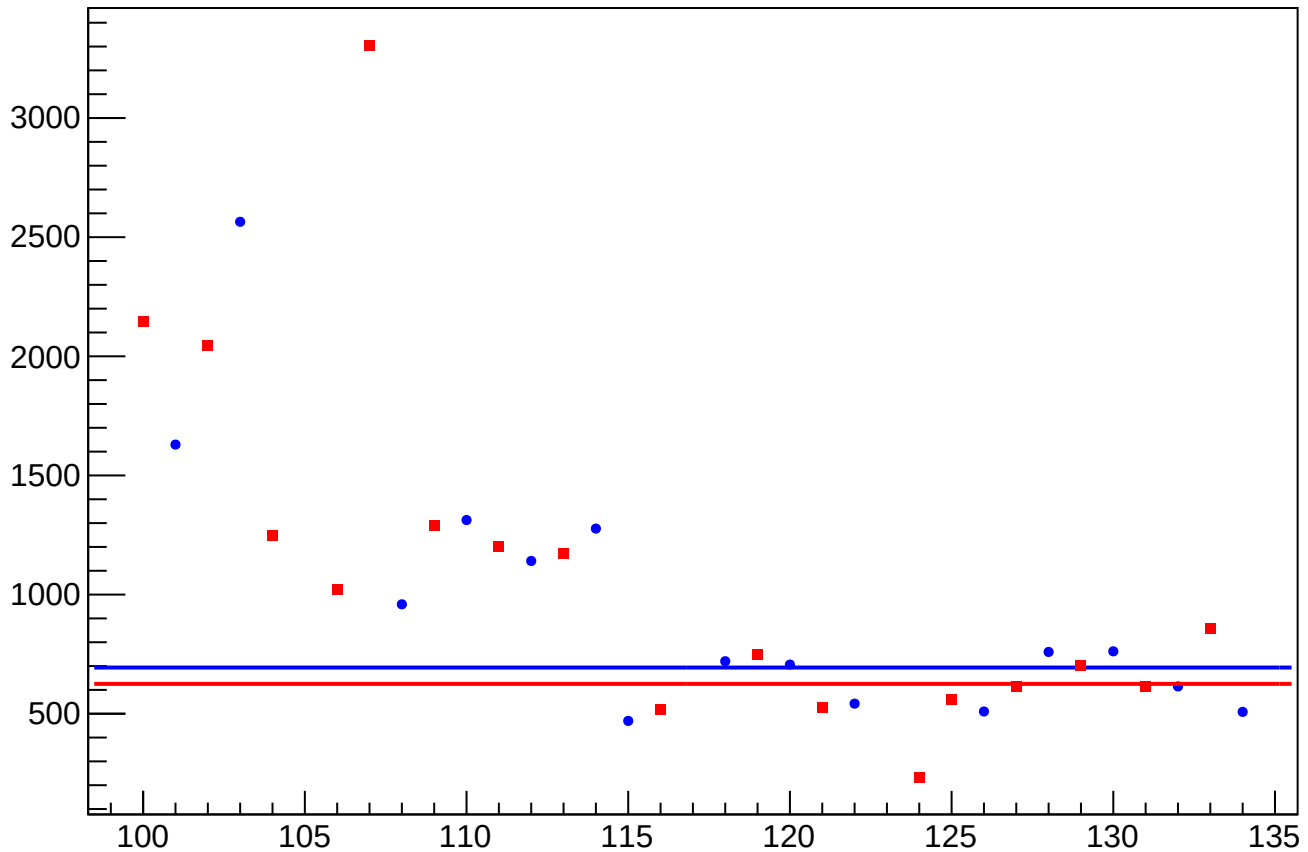
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 343.565+/-205.286 χ^2/NDF : 26.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_reg_correction_rms vs Slug



Right In: 693.822 $\pm$ 0.213 χ^2 /NDF: 1790950.8/14

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

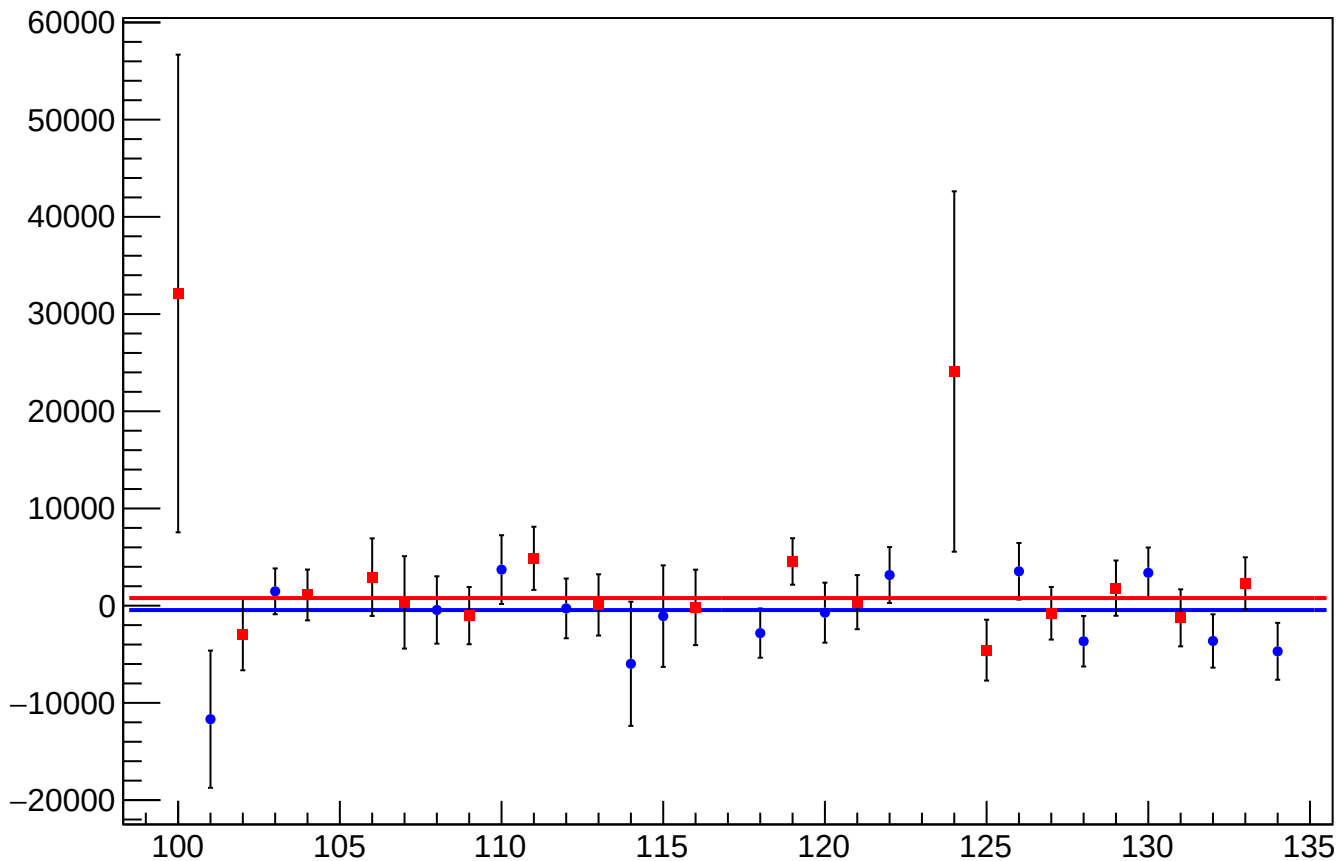
Right Out: 625.281 $\pm$ 0.199 χ^2 /NDF: 2854545.2/16

All: 657.194 $\pm$ 0.145 χ^2 /NDF: 4700970.0/31

- 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

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: 783.483+/-783.260 χ^2/NDF : 13.3/16

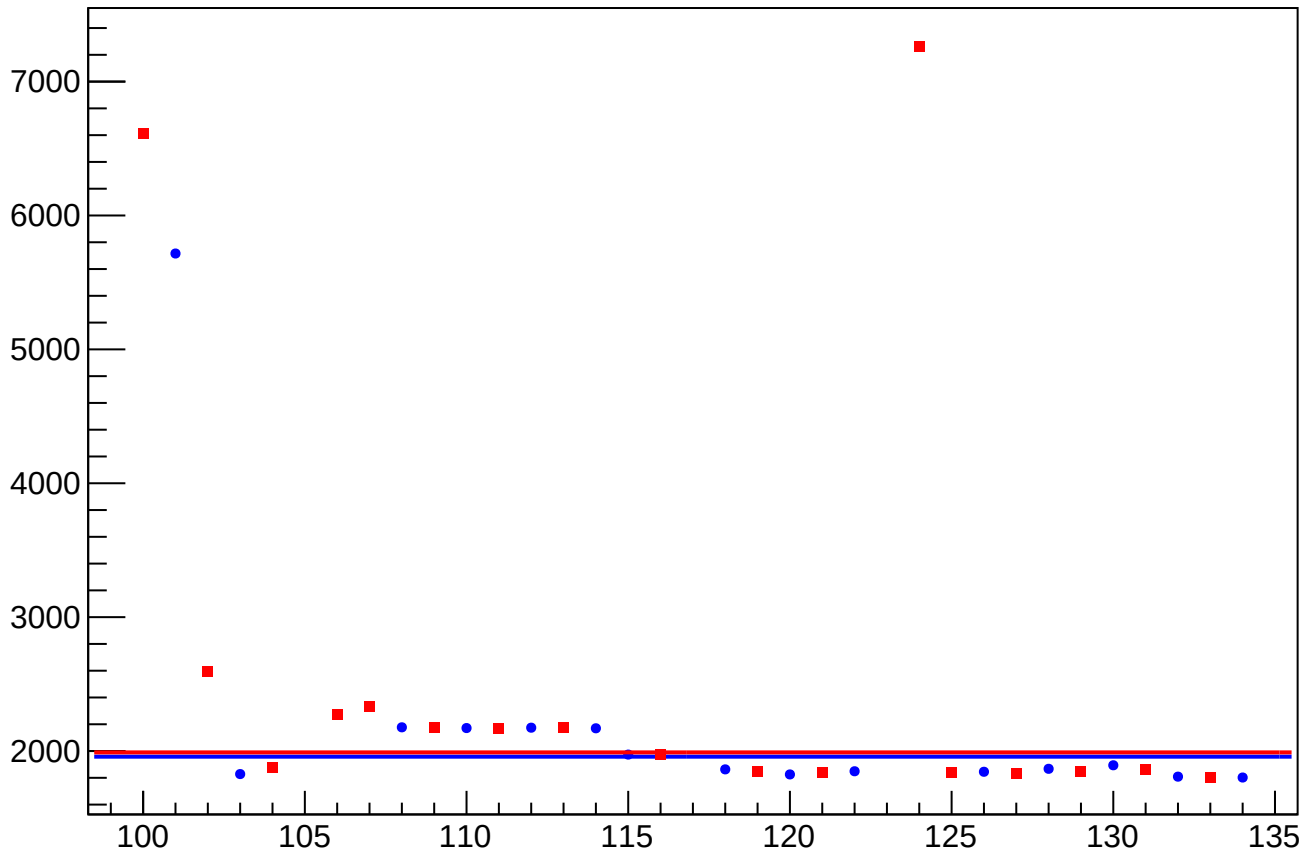
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.297+/-558.573 χ^2/NDF : 31.3/31

- 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

Right Out: 1989.969+/-0.554 χ^2/NDF : 373292.3/16

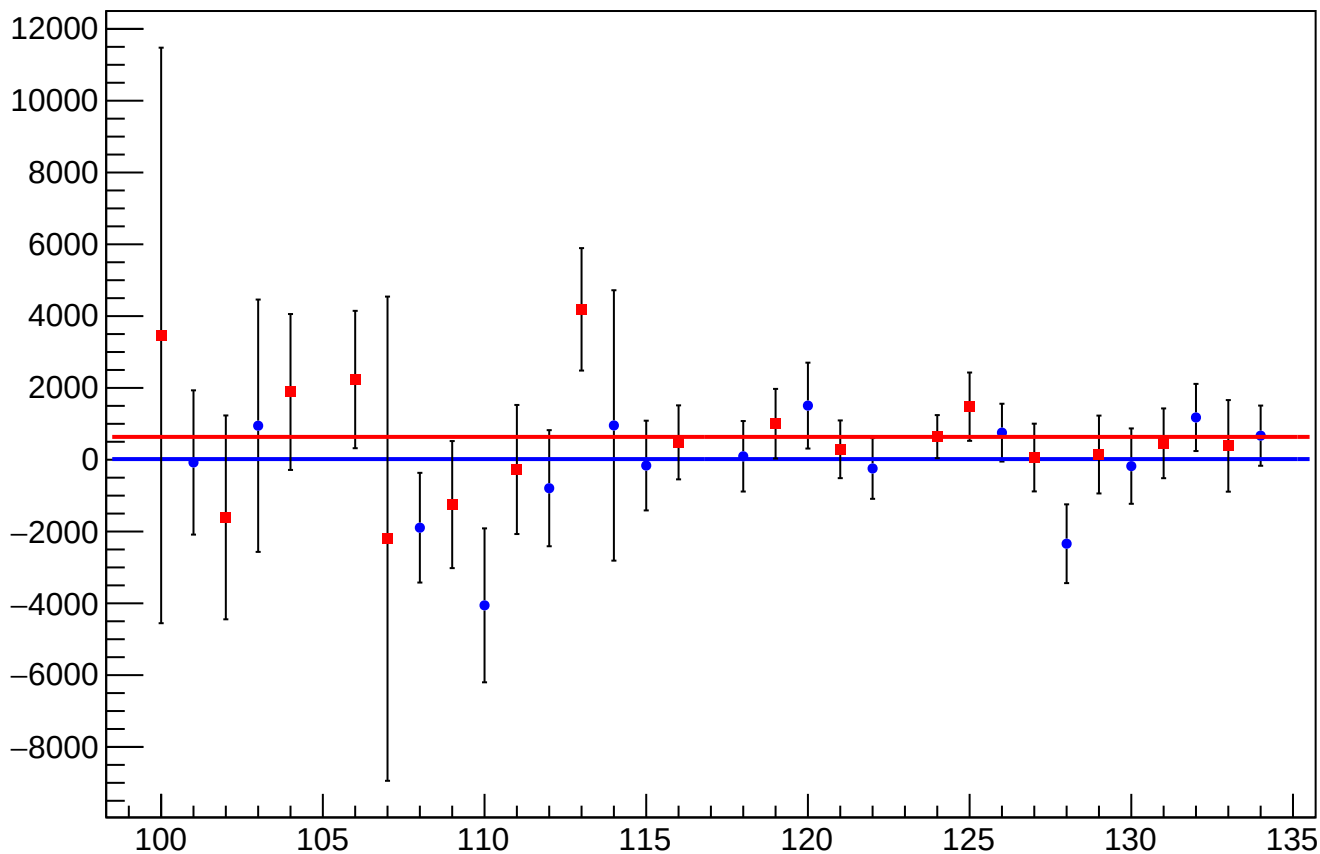
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1974.229+/-0.395 χ^2/NDF : 1002944.3/31

- sign 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: 635.672 $\pm$ 280.620 χ^2 /NDF: 9.5/16

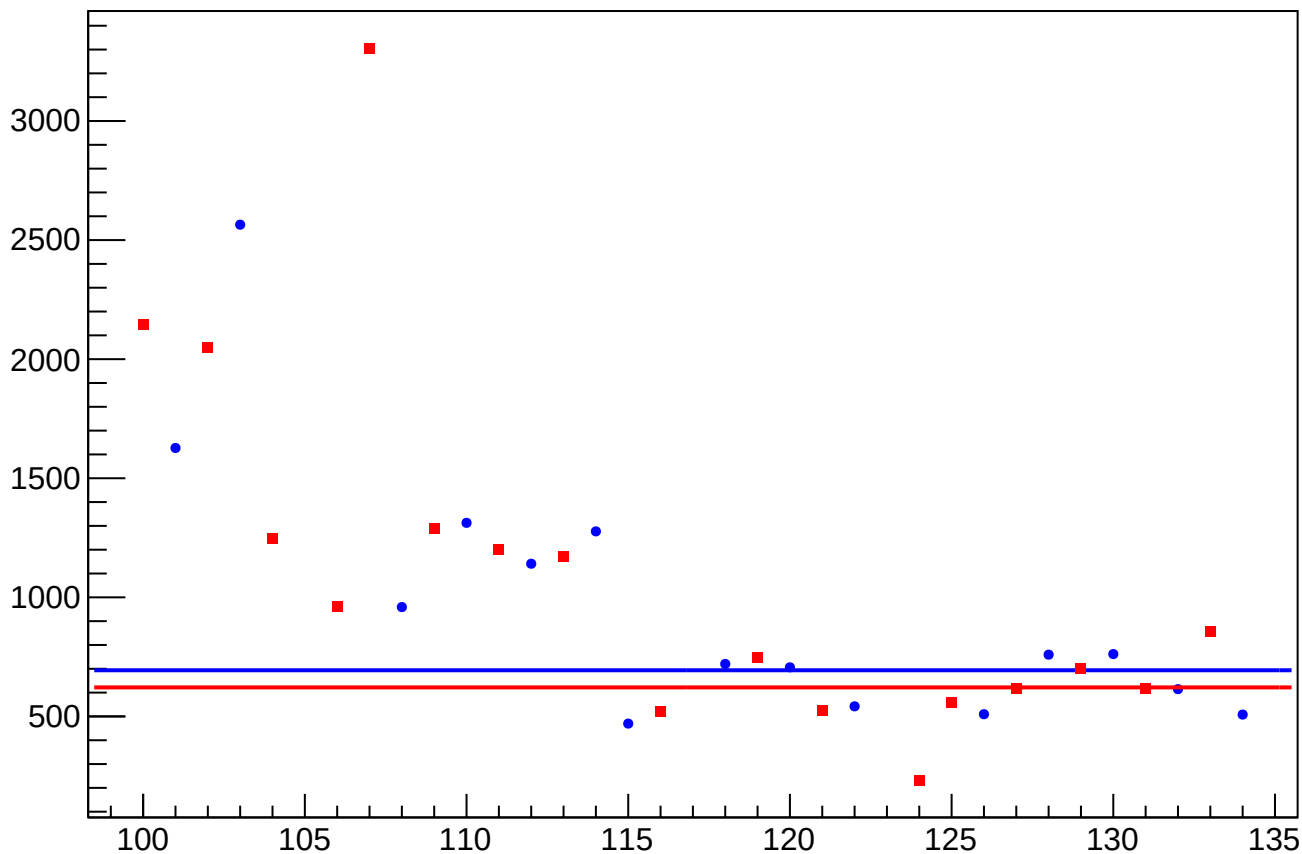
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 348.165 $\pm$ 205.202 χ^2 /NDF: 26.6/31

- 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: 621.839 $\pm$ 0.198 χ^2 /NDF: 2845243.7/16

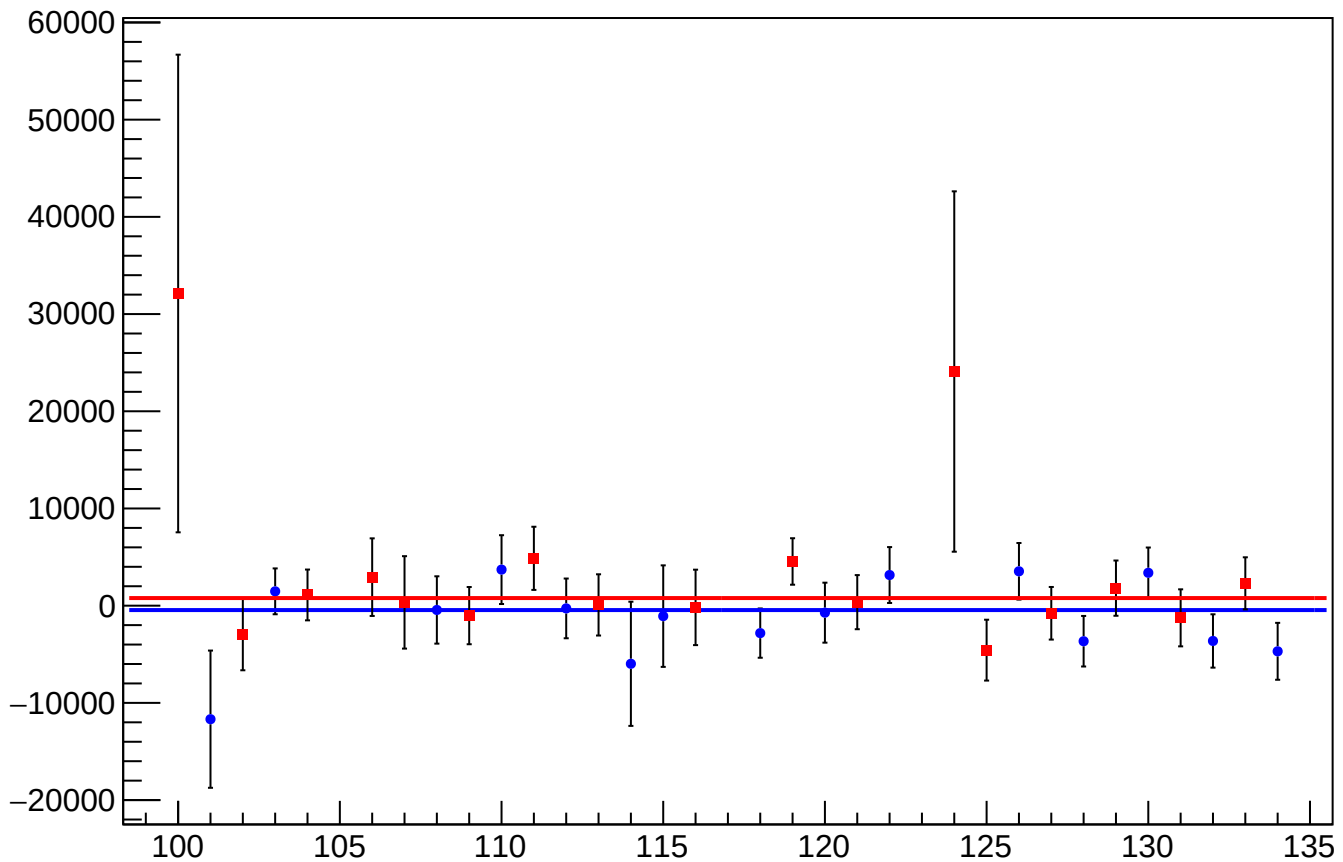
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 655.327 $\pm$ 0.145 χ^2 /NDF: 4696547.7/31

- 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: 783.483+/-783.260 χ^2 /NDF: 13.3/16

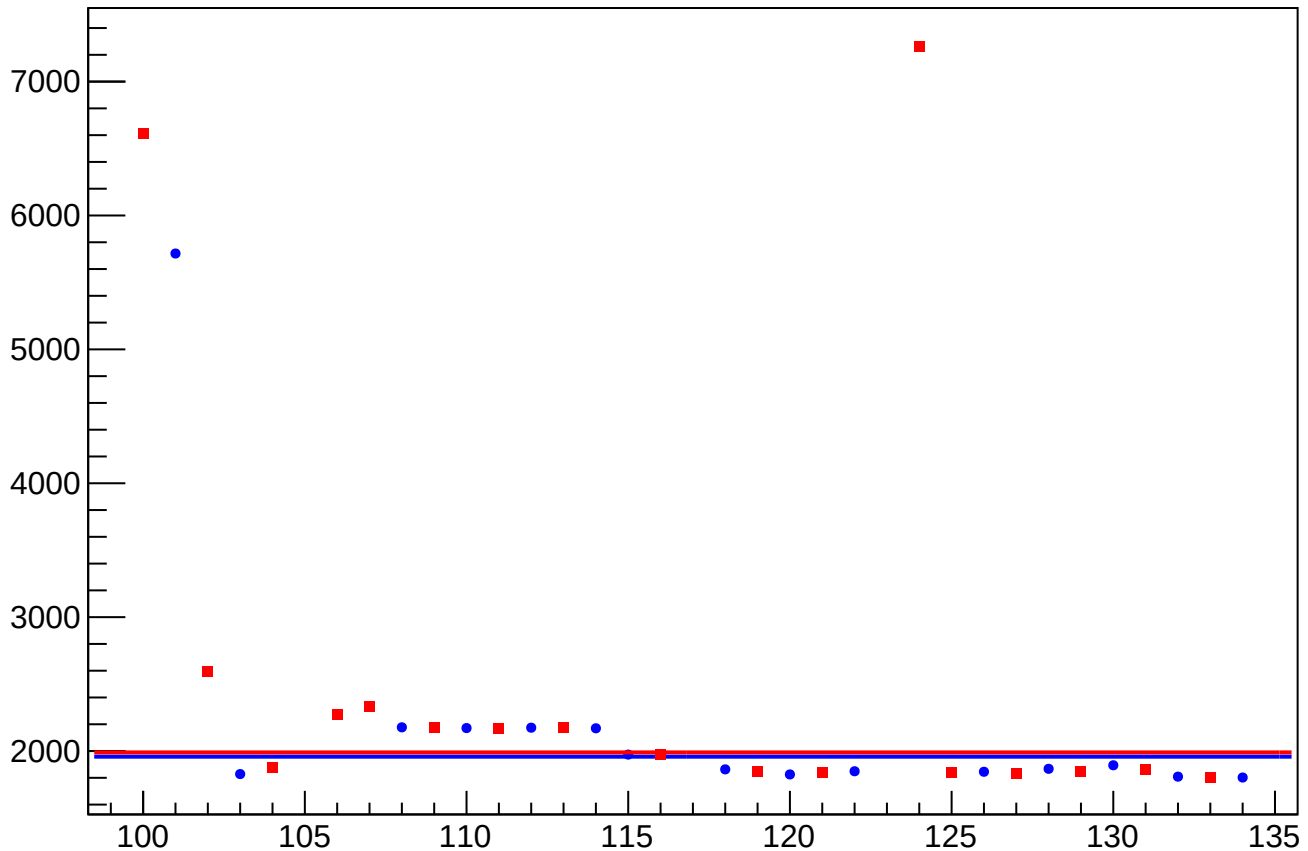
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 176.297+/-558.573 χ^2 /NDF: 31.3/31

- 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

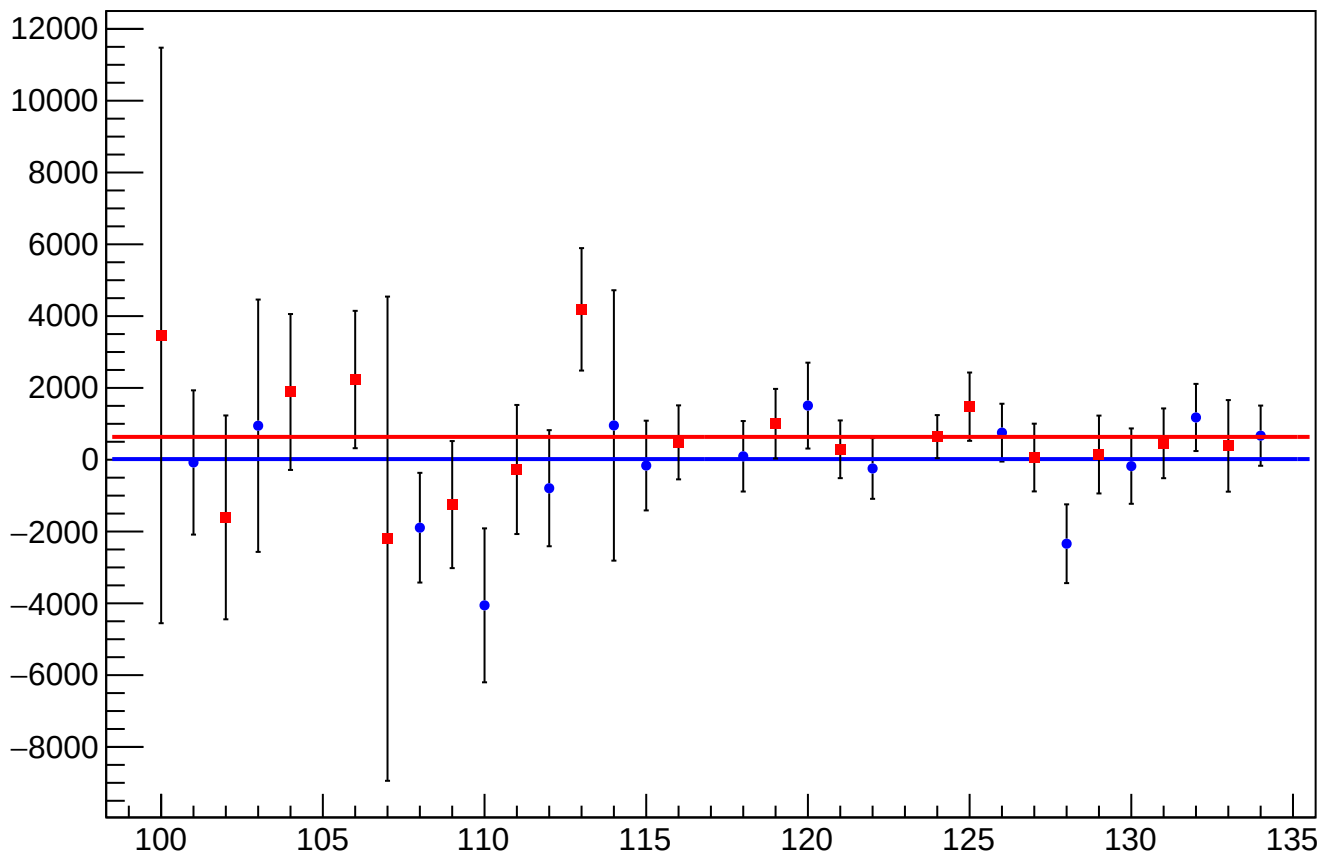
Right Out: 1989.969+/-0.554 χ^2/NDF : 373292.3/16

All: 1974.229+/-0.395 χ^2/NDF : 1002944.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_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: 635.672 $\pm$ 280.620 χ^2 /NDF: 9.5/16

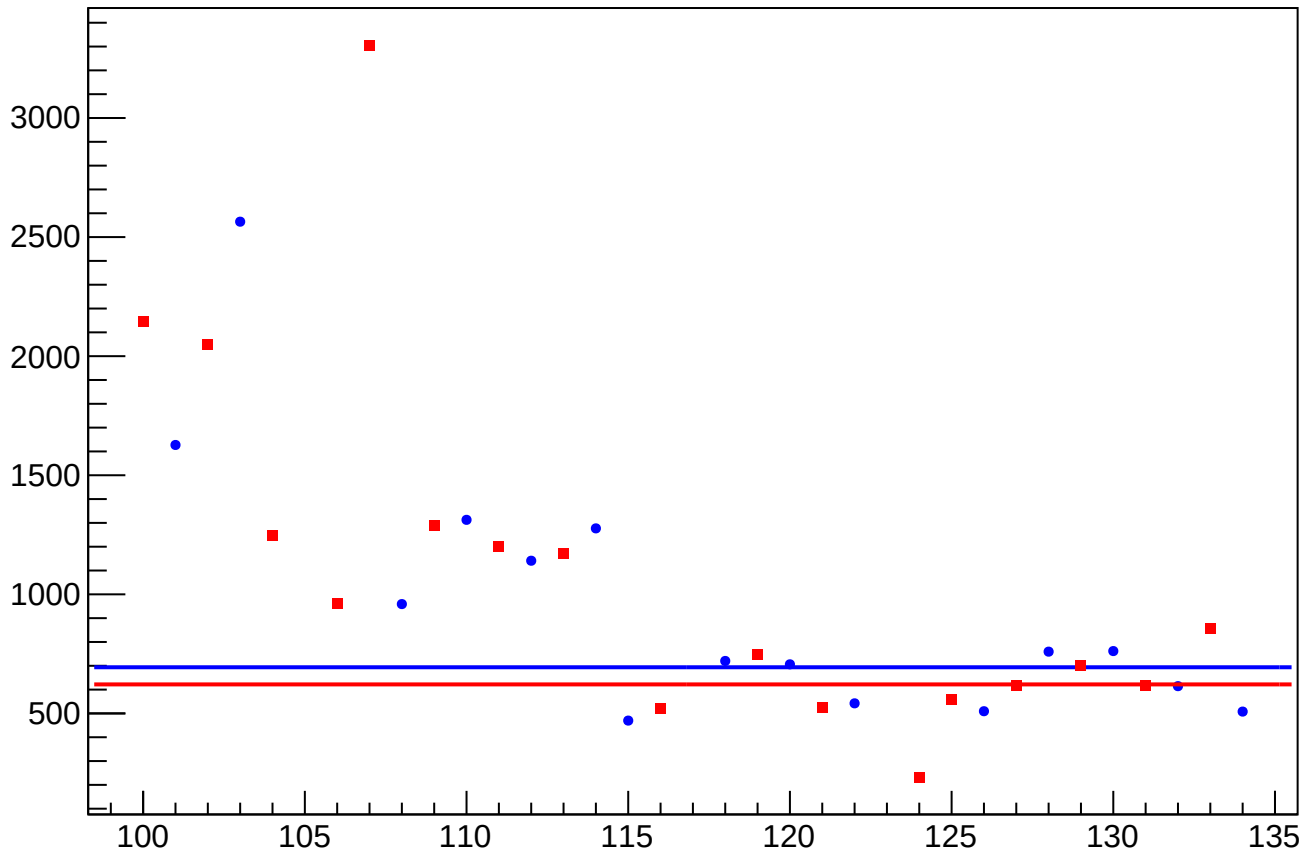
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 348.165 $\pm$ 205.202 χ^2 /NDF: 26.6/31

- 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 $\pm$ 0.213 χ^2 /NDF: 1790086.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 621.839 $\pm$ 0.198 χ^2 /NDF: 2845243.7/16

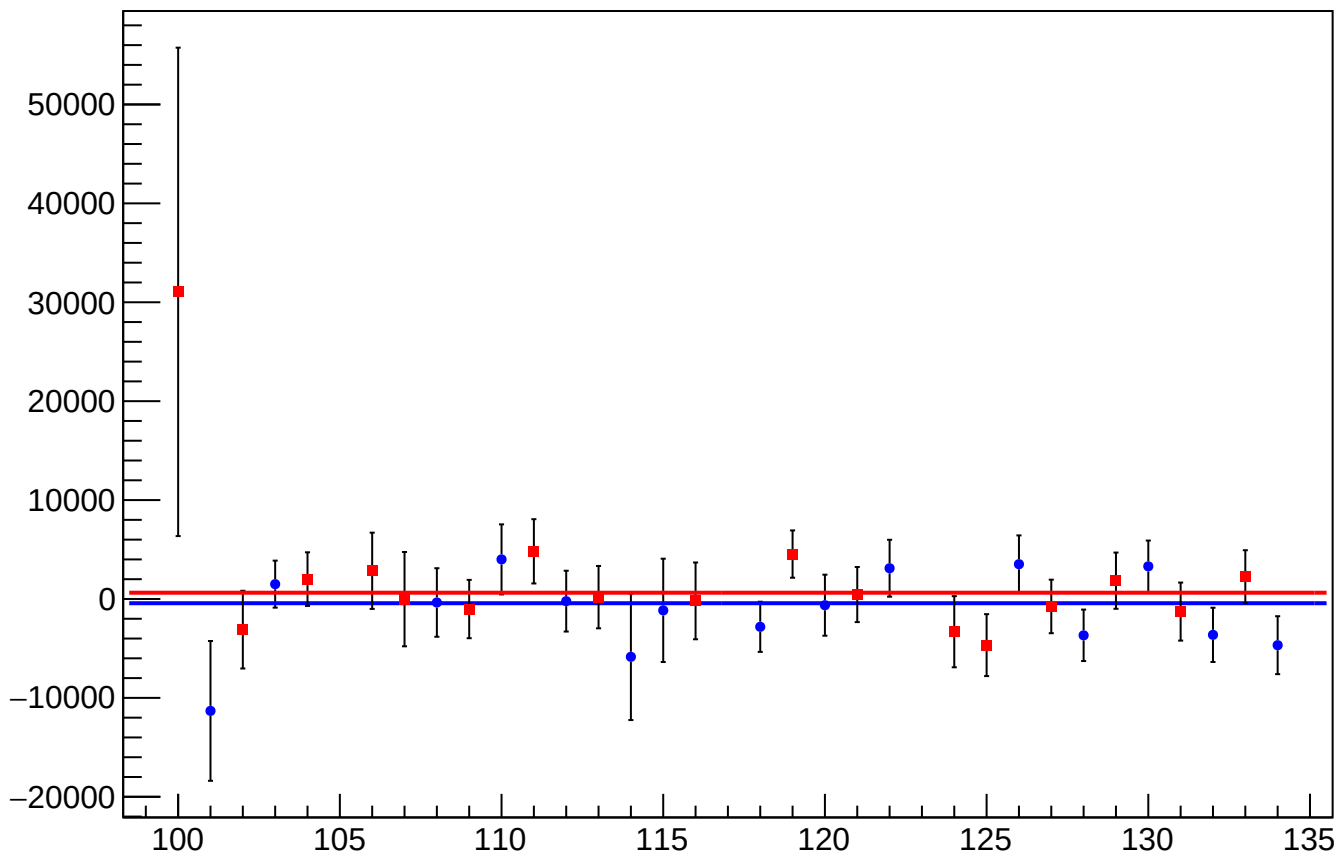
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 655.327 $\pm$ 0.145 χ^2 /NDF: 4696547.7/31

- sign 0.000 $\pm$ 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: 633.904+/-769.363 χ^2/NDF : 13.0/16

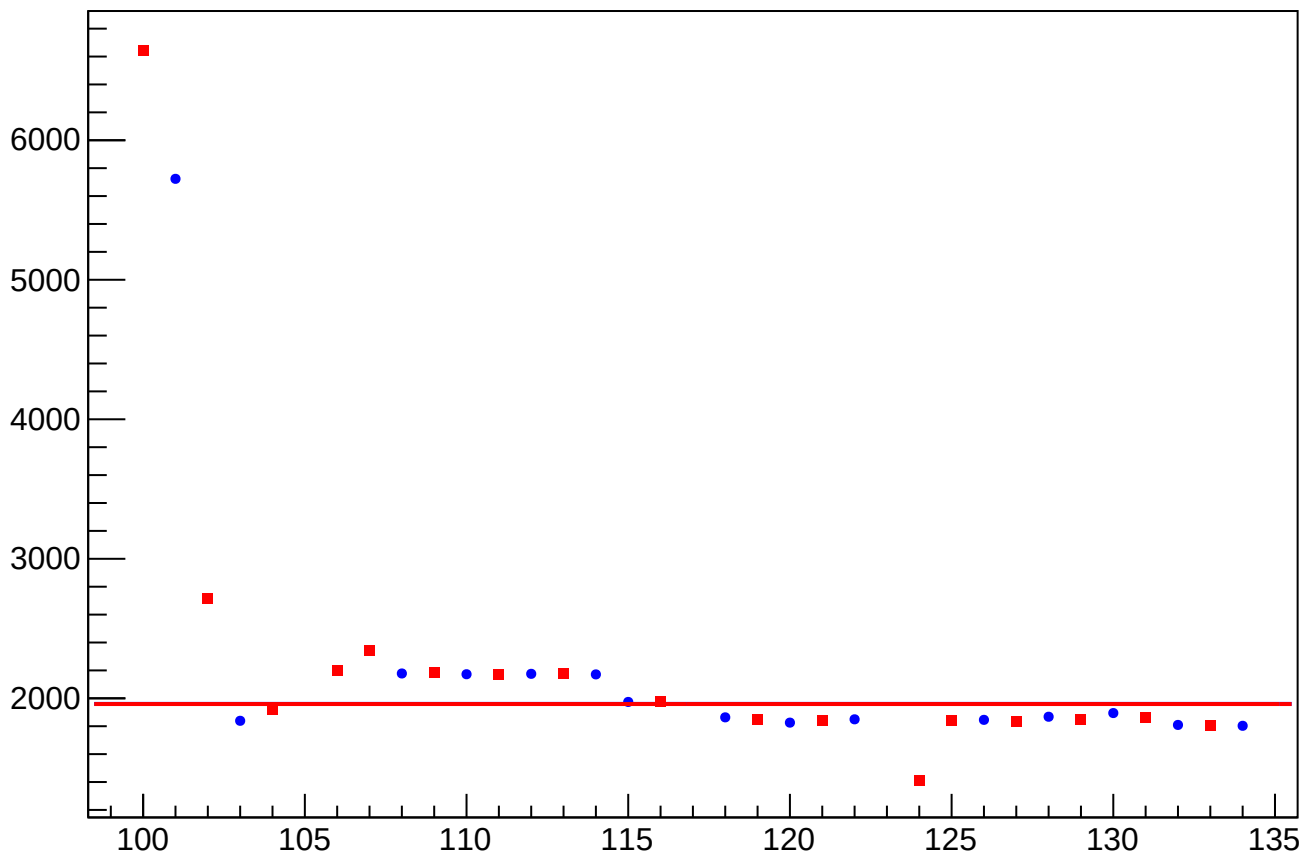
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.825+/-553.784 χ^2/NDF : 30.6/31

- 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: 1958.990+/-0.544 χ^2/NDF : 269760.6/16

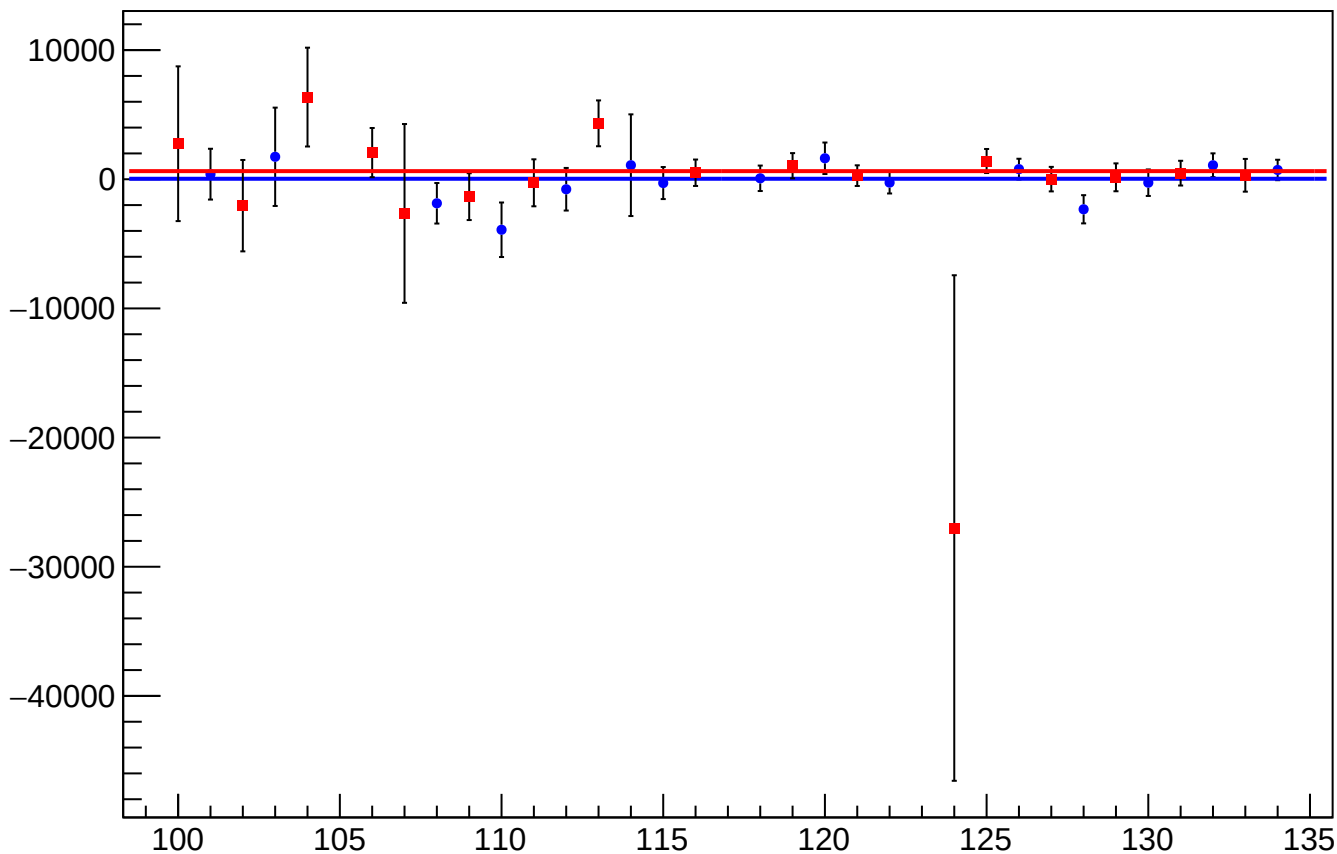
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1959.457+/-0.392 χ^2/NDF : 897443.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_dit_correction_mean vs Slug



Right In: 38.122 $\pm$ 297.917 χ^2 /NDF: 15.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 628.925 $\pm$ 319.463 χ^2 /NDF: 13.3/16

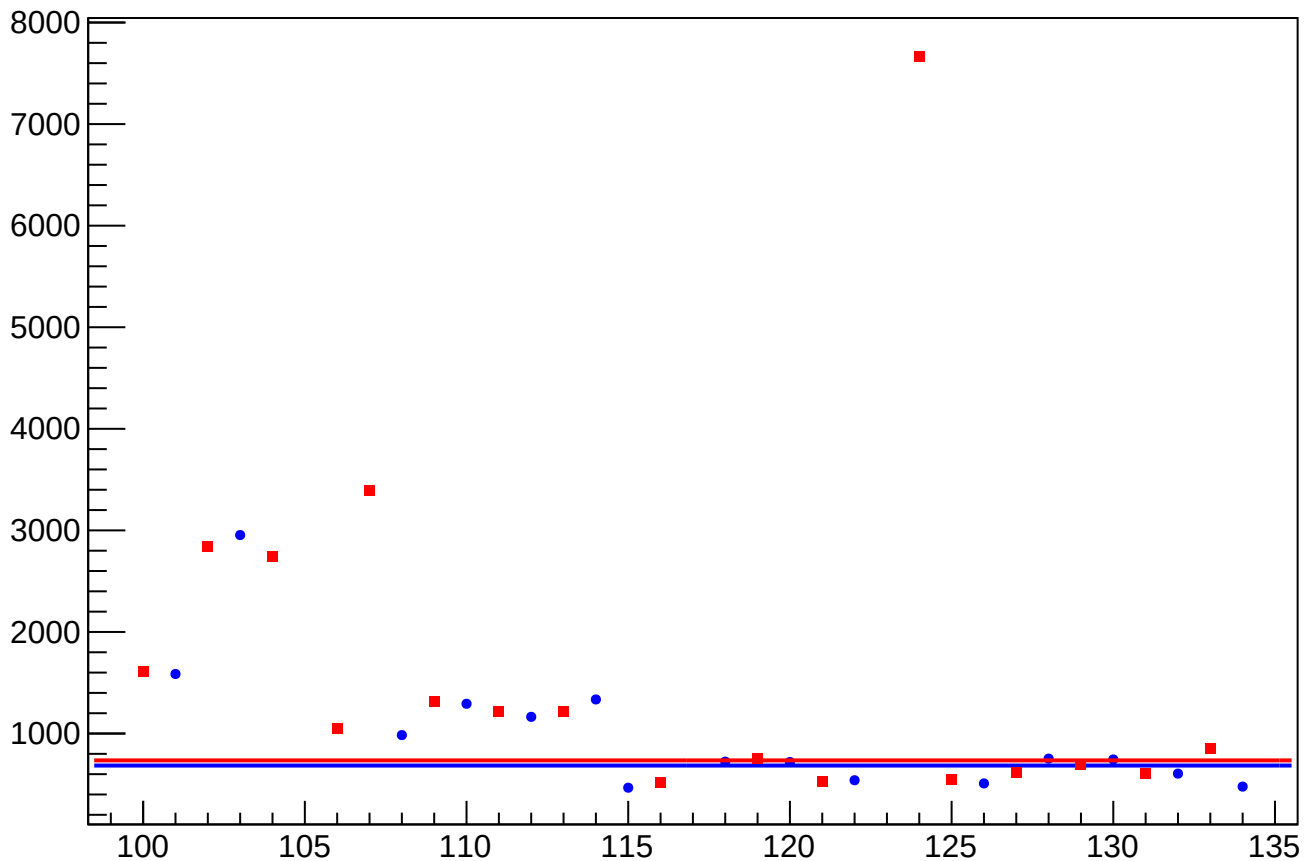
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 312.930 $\pm$ 217.878 χ^2 /NDF: 30.2/31

- sign 0.000 $\pm$ 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: 735.583+/-0.226 χ^2/NDF : 2797320.9/16

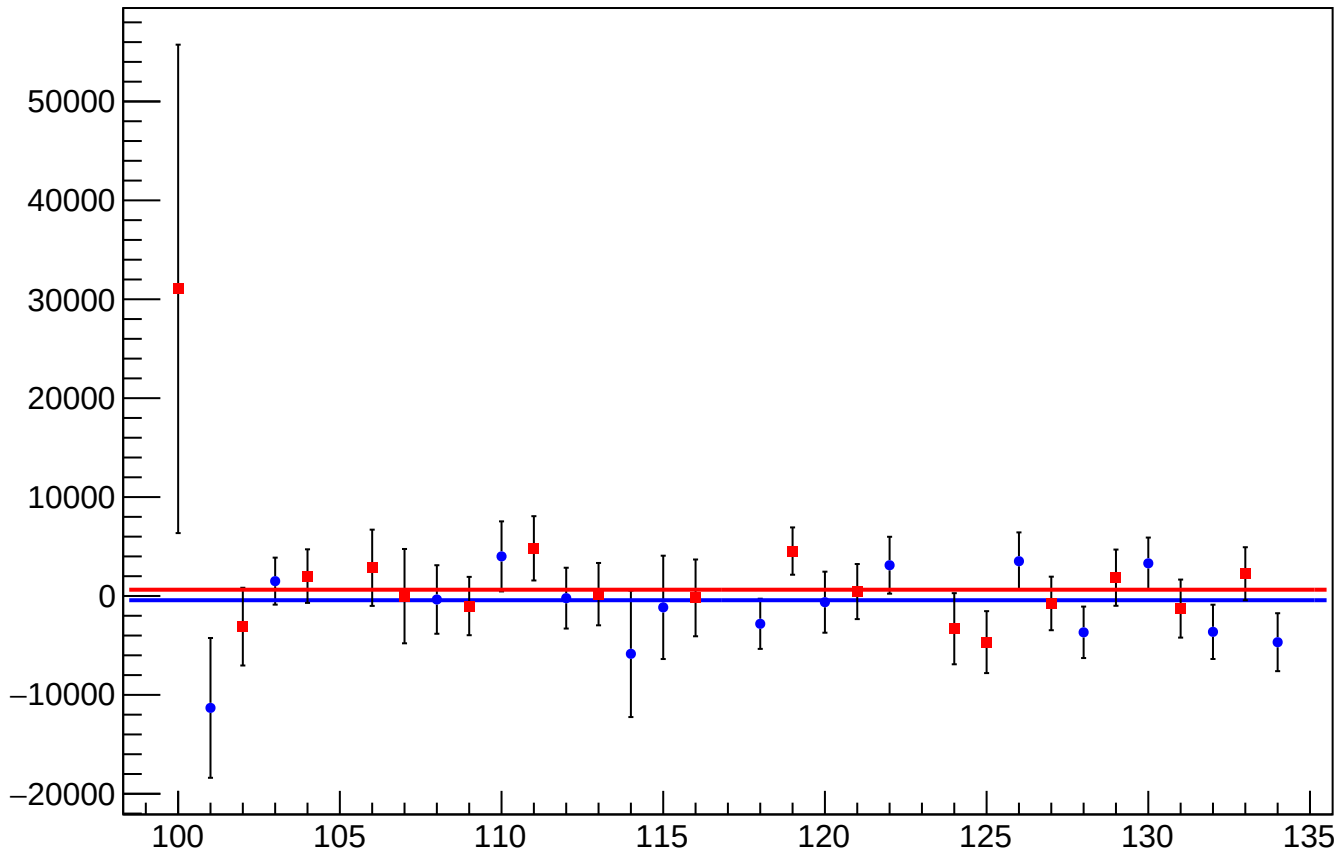
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 708.460+/-0.154 χ^2/NDF : 4805868.5/31

- 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: 633.905+/-769.363 χ^2/NDF : 13.0/16

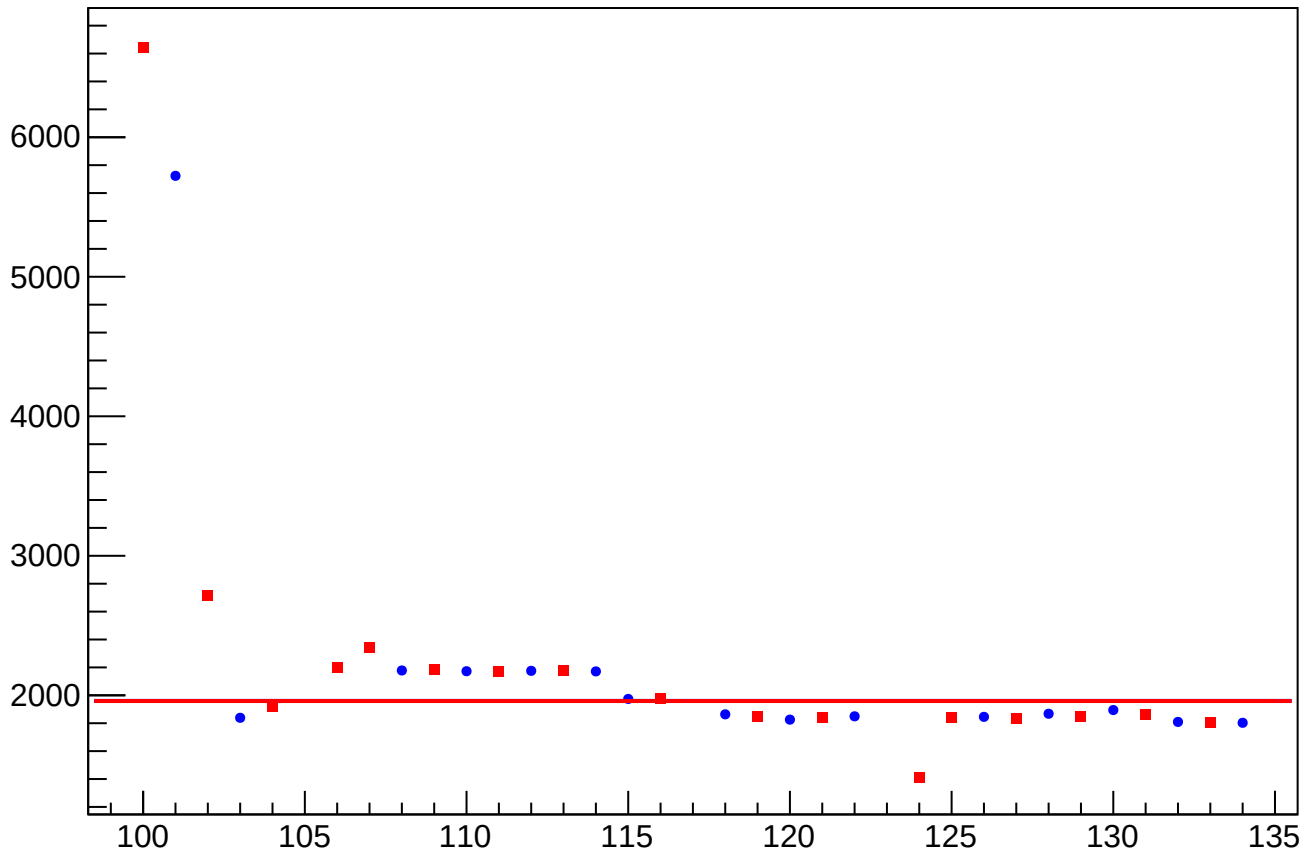
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.825+/-553.784 χ^2/NDF : 30.6/31

- 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

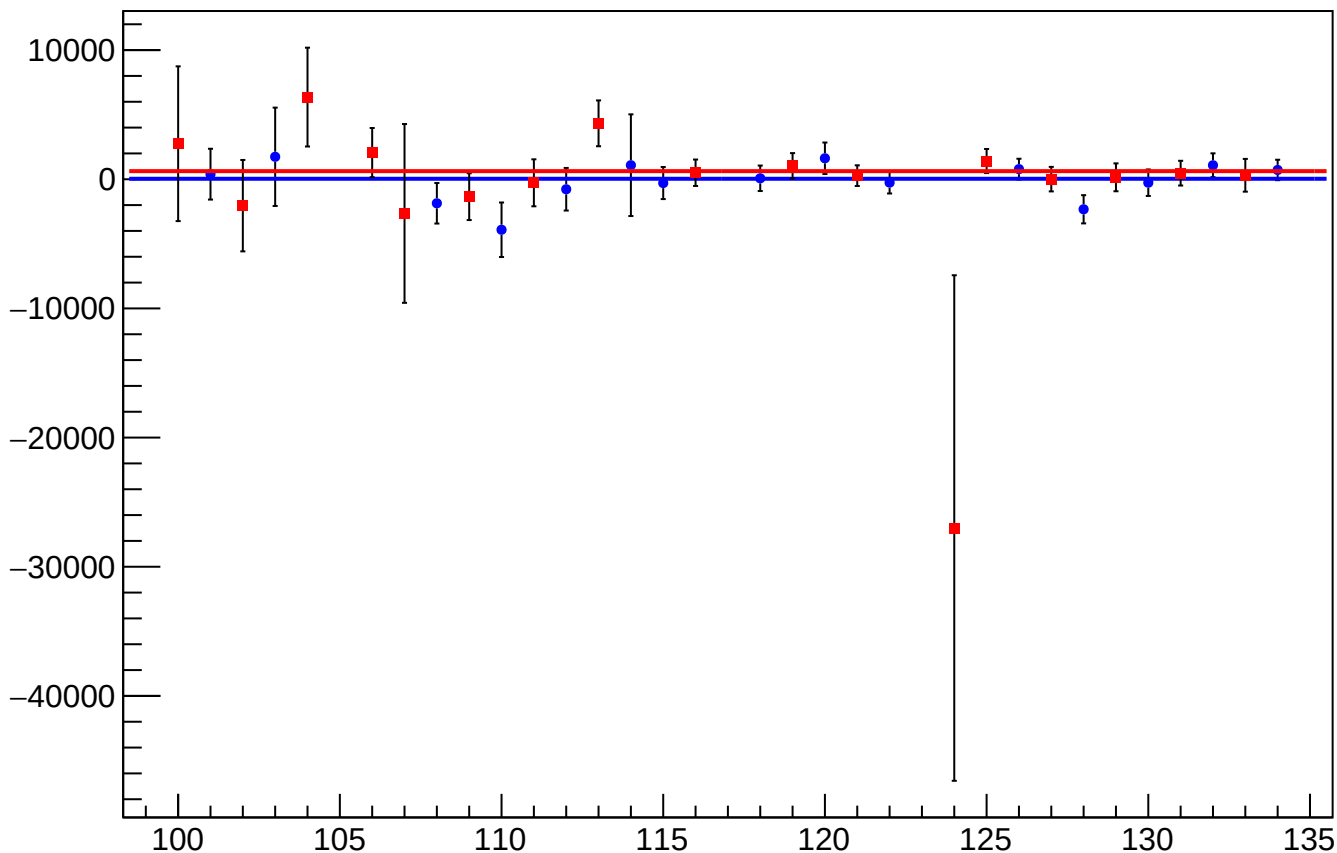
Right Out: 1958.990+/-0.544 χ^2/NDF : 269760.4/16

All: 1959.457+/-0.392 χ^2/NDF : 897442.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_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: 628.925+/-319.463 χ^2/NDF : 13.3/16

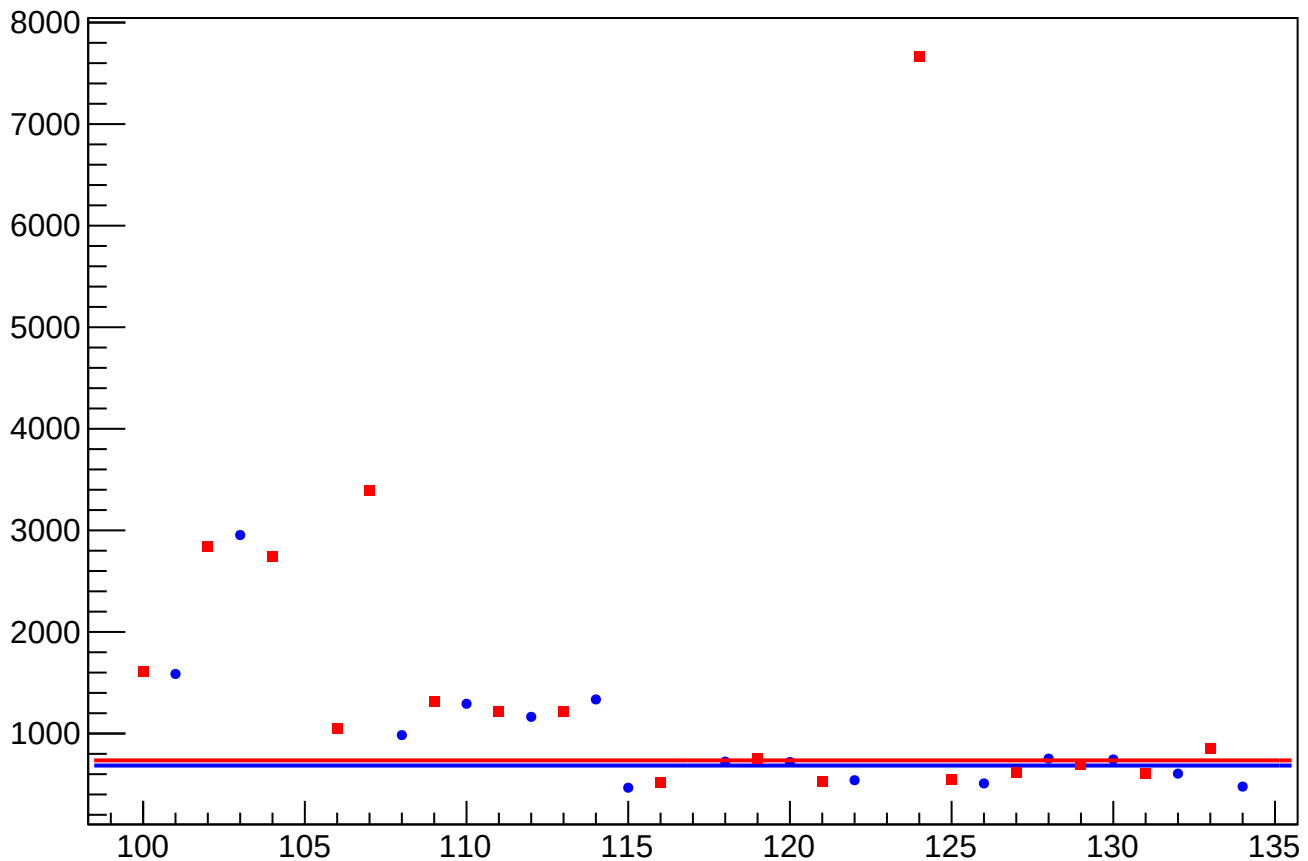
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.930+/-217.878 χ^2/NDF : 30.2/31

- 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: 735.583+/-0.226 χ^2/NDF : 2797321.4/16

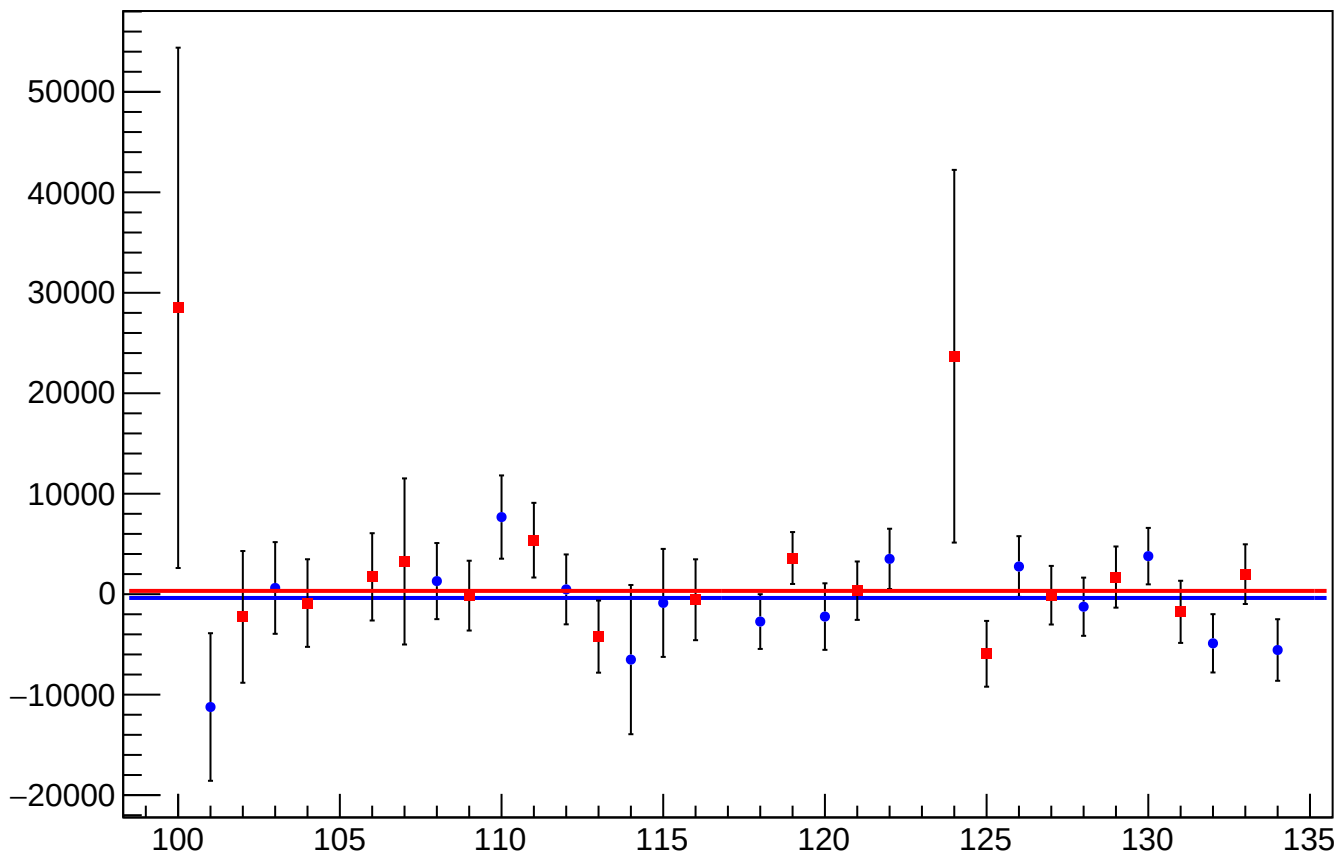
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 708.460+/-0.154 χ^2/NDF : 4805867.7/31

- 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: 326.244+/-895.452 χ^2/NDF : 13.0/16

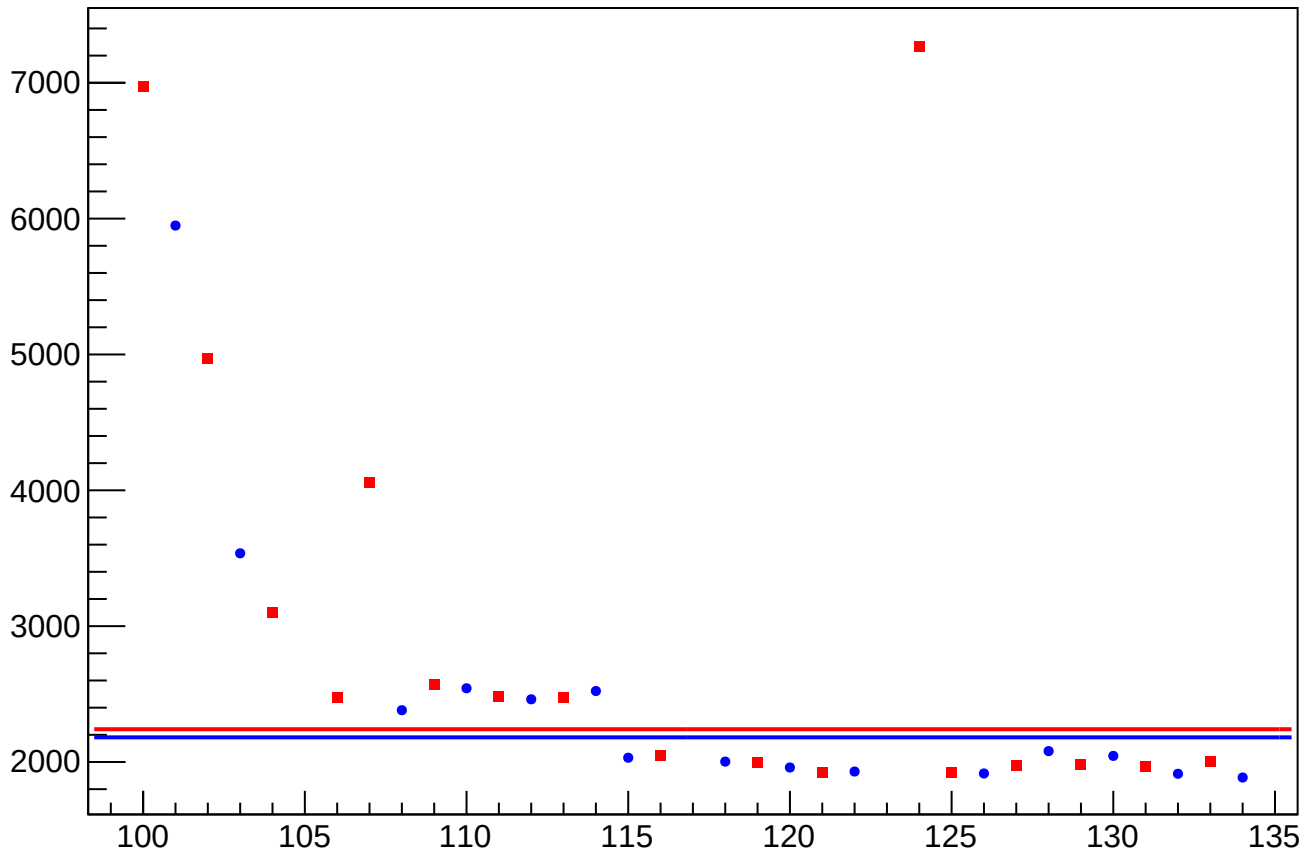
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.291+/-633.140 χ^2/NDF : 31.6/31

- 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: 2241.241+/-0.633 χ^2/NDF : 901173.1/16

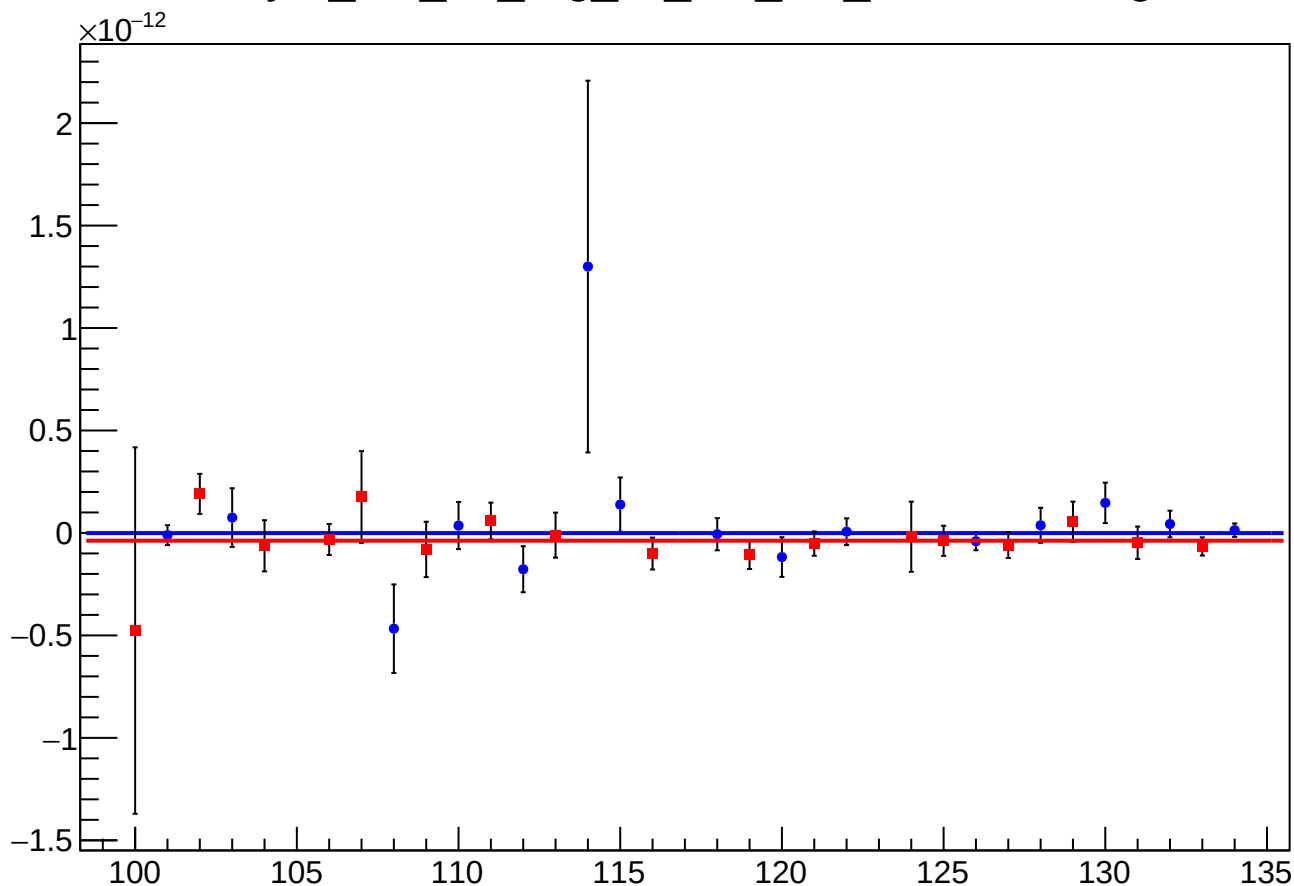
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2211.304+/-0.448 χ^2/NDF : 1737562.2/31

- 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 : 11.0/16

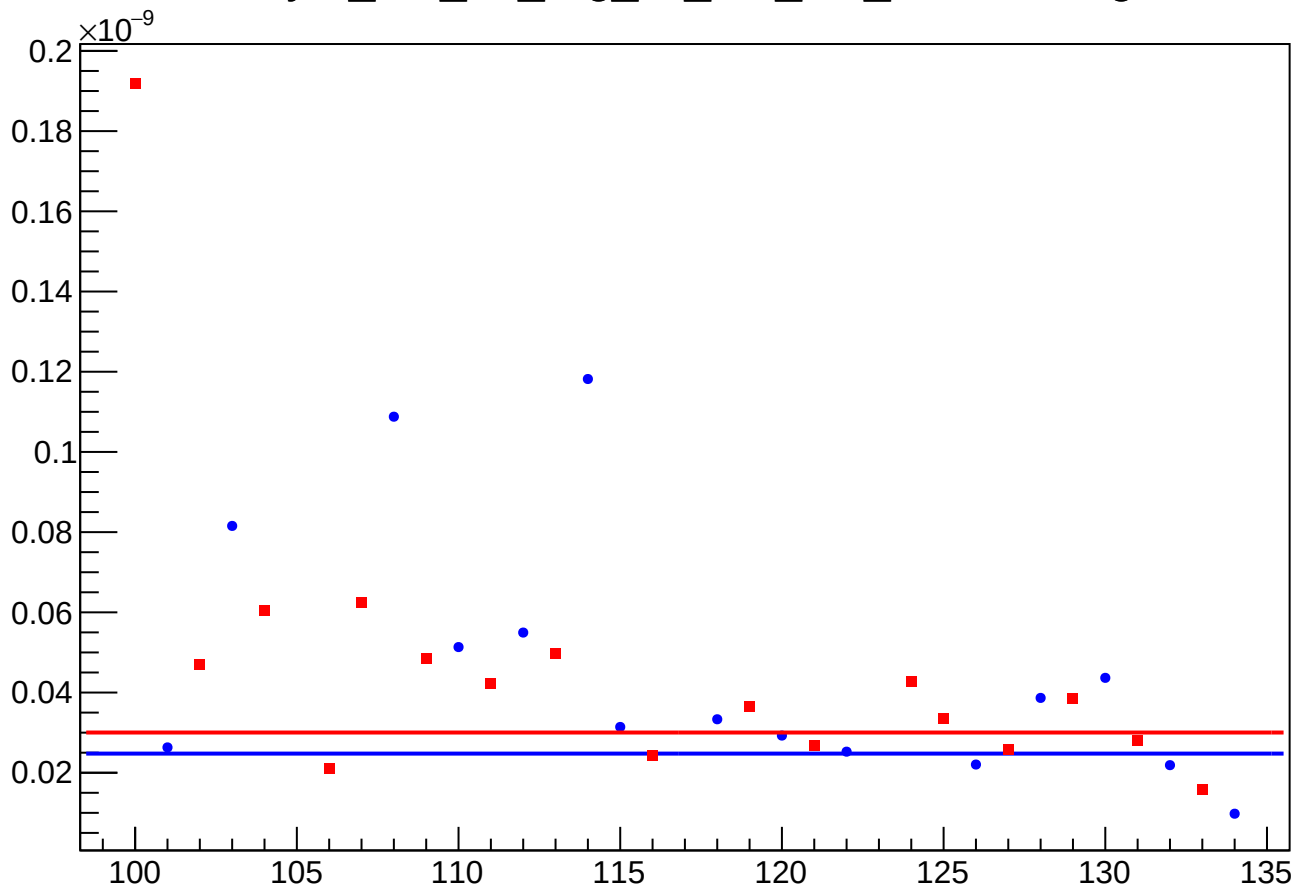
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 29.0/31

- 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 : 730345.5/16

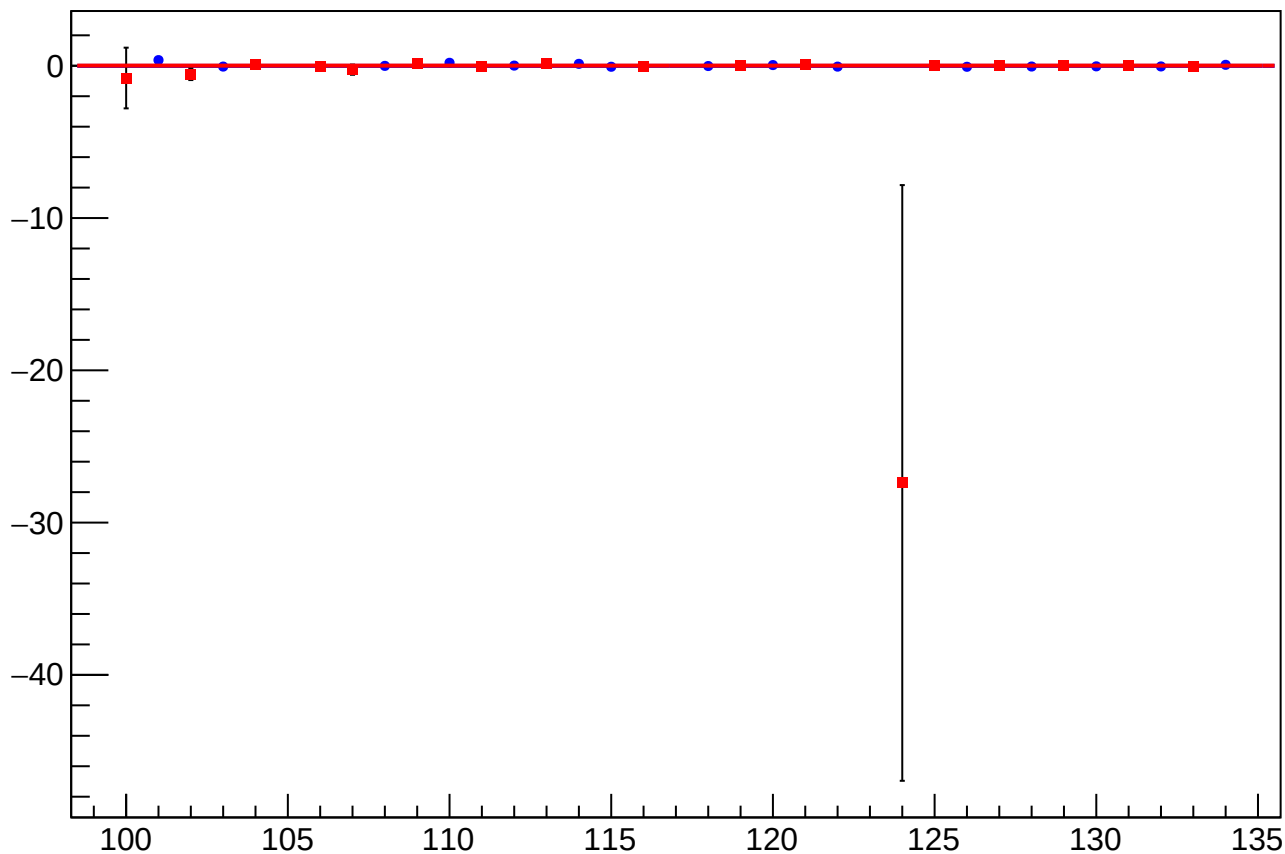
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2284472.0/31

- 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 $\pm$ 0.016 χ^2/NDF : 19.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.010 $\pm$ 0.016 χ^2/NDF : 11.9/16

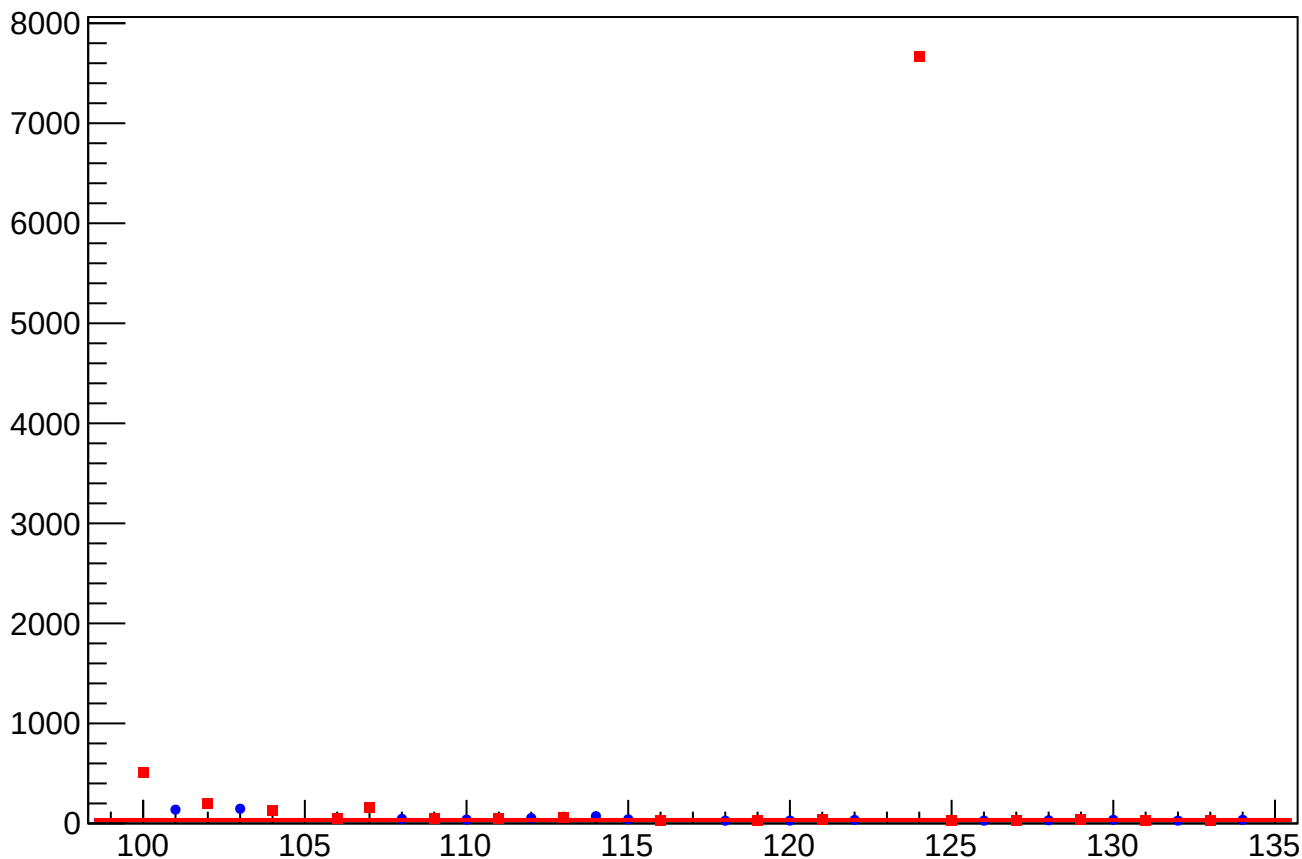
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.001 $\pm$ 0.012 χ^2/NDF : 31.6/31

- sign 0.000 $\pm$ 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: 34.786 $\pm$ 0.012 χ^2 /NDF: 1961163.7/16

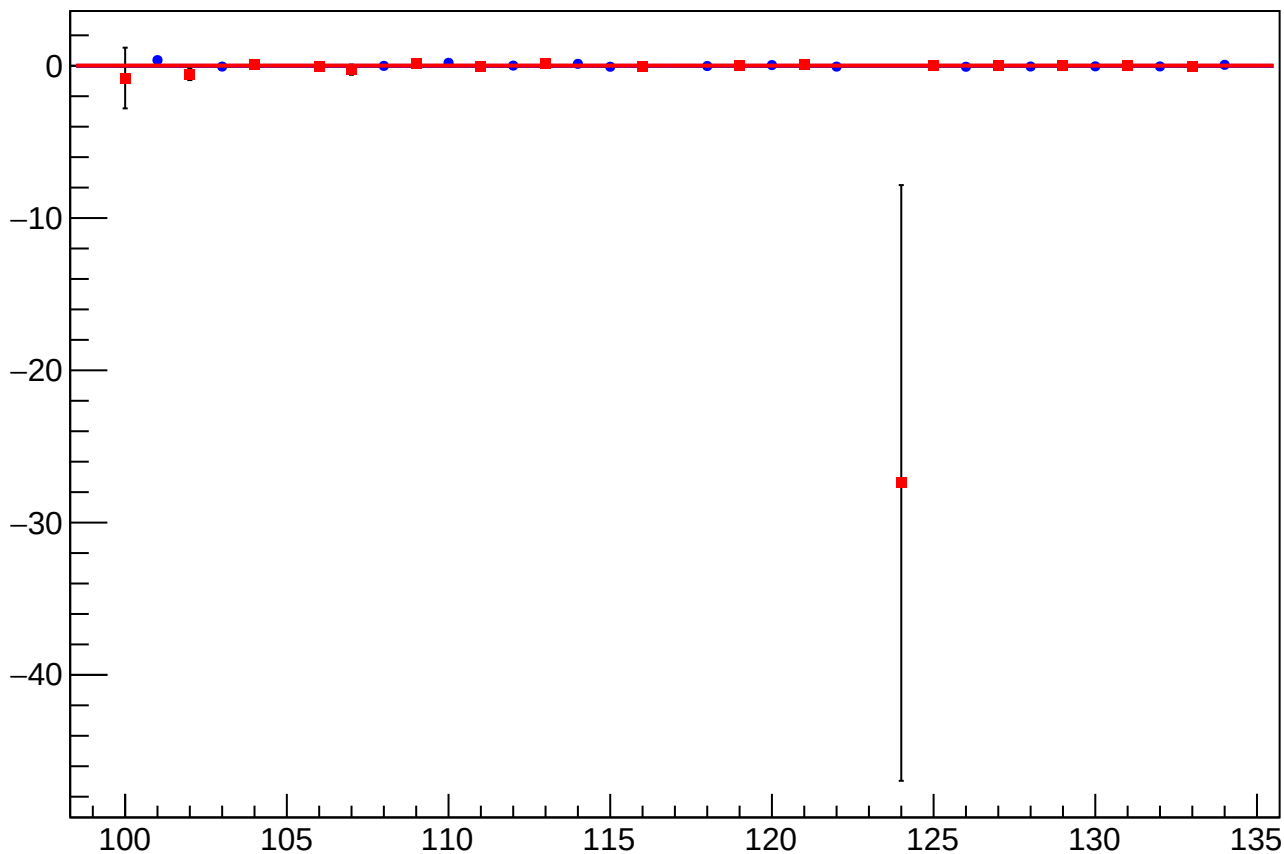
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.797 $\pm$ 0.008 χ^2 /NDF: 3654578.6/31

- 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 ± 0.016 χ^2/NDF : 19.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.010 ± 0.016 χ^2/NDF : 11.9/16

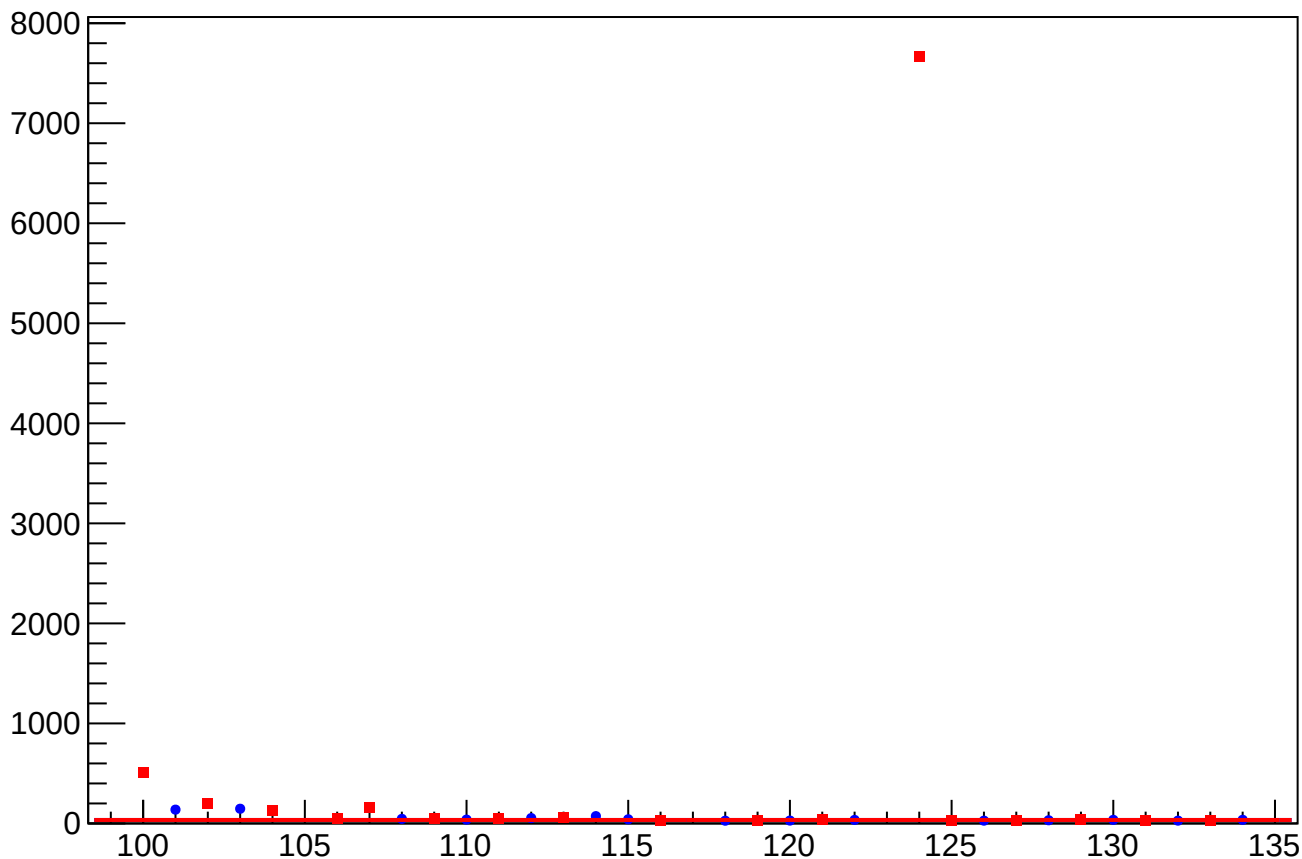
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.012 χ^2/NDF : 31.6/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at1_dd_dit_vs_eigen_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: 34.786 $\pm$ 0.012 χ^2 /NDF: 1961163.7/16

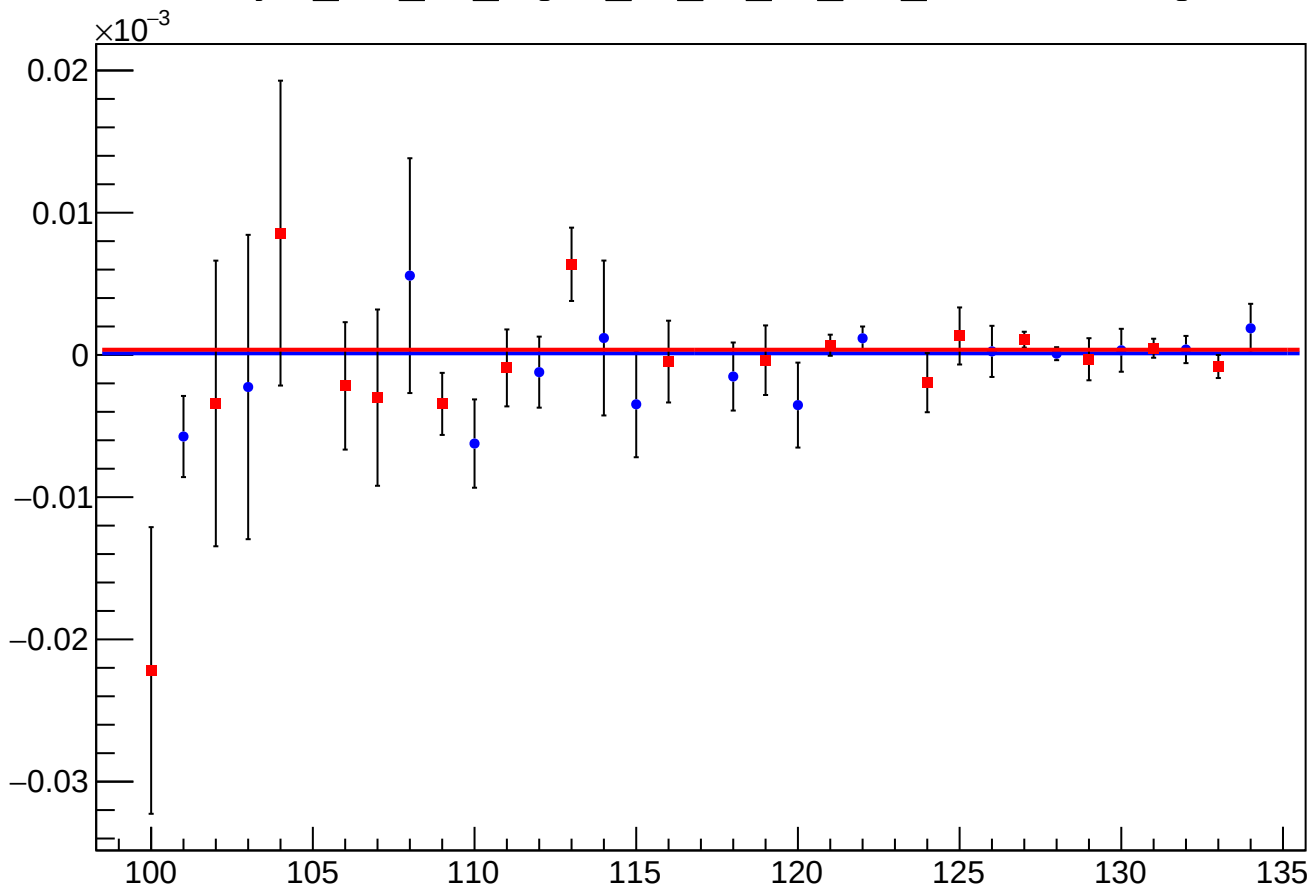
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.797 $\pm$ 0.008 χ^2 /NDF: 3654578.6/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_dit_vs_dit_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 : 20.8/16

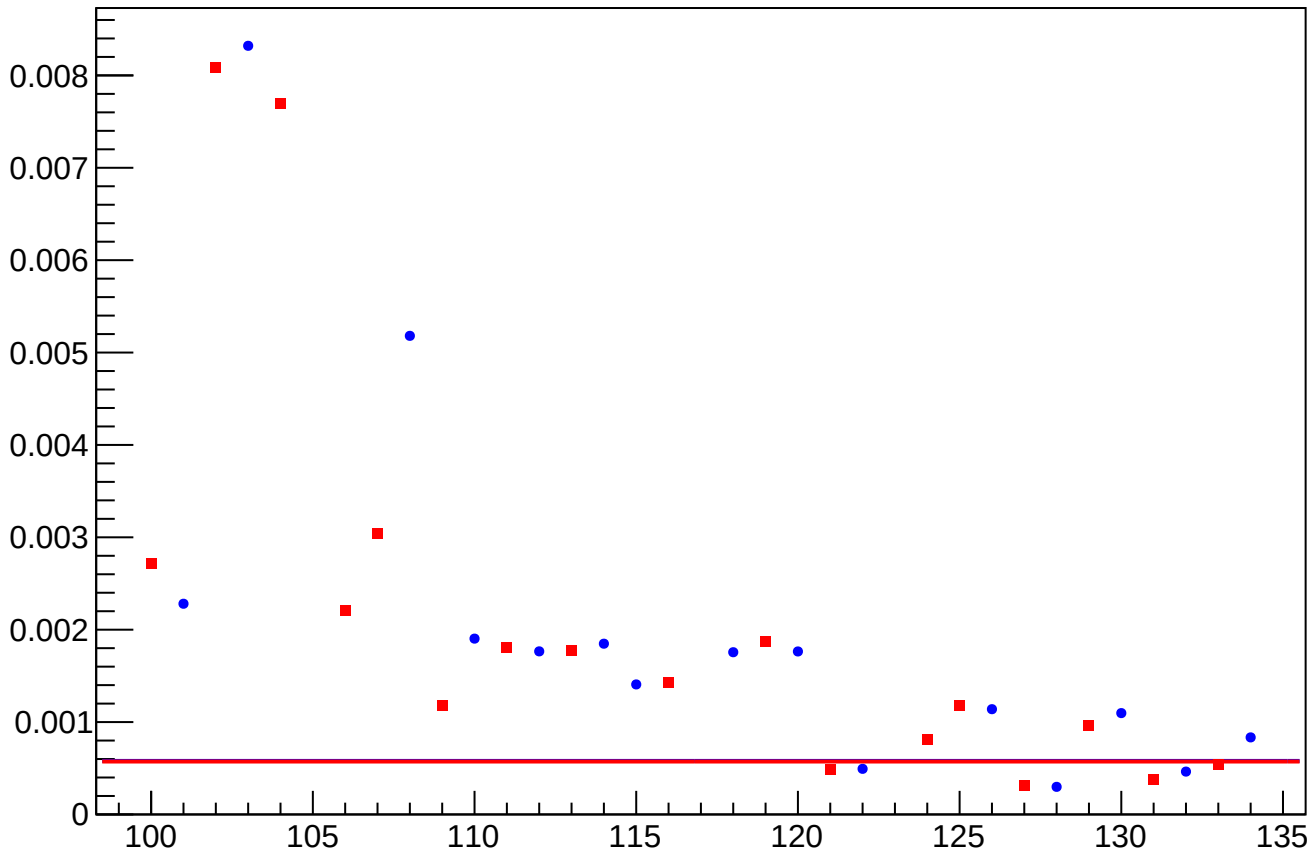
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 36.0/31

- sign 0.000 ± 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 : 5416182.0/16

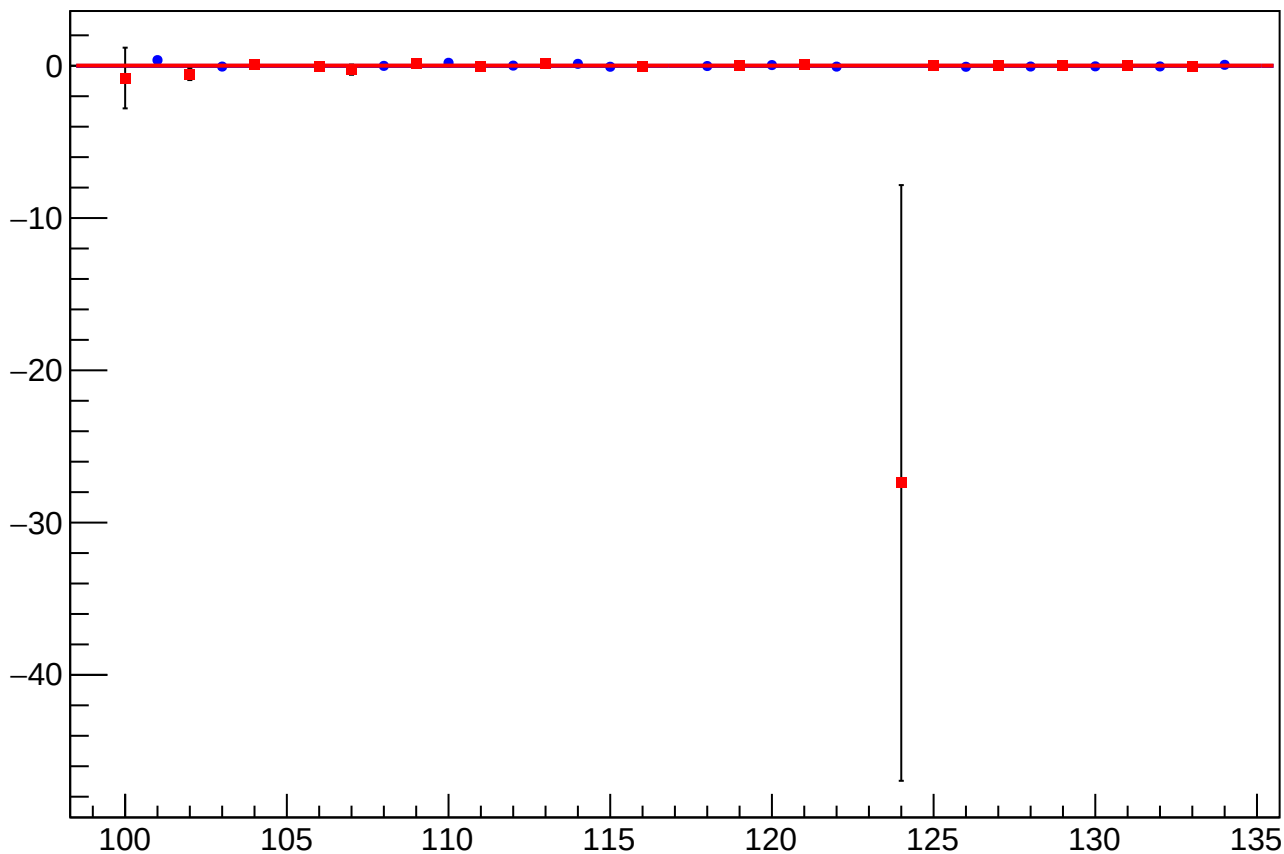
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 10897695.5/31

- 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 $\pm$ 0.016 χ^2 /NDF: 19.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.010 $\pm$ 0.016 χ^2 /NDF: 11.9/16

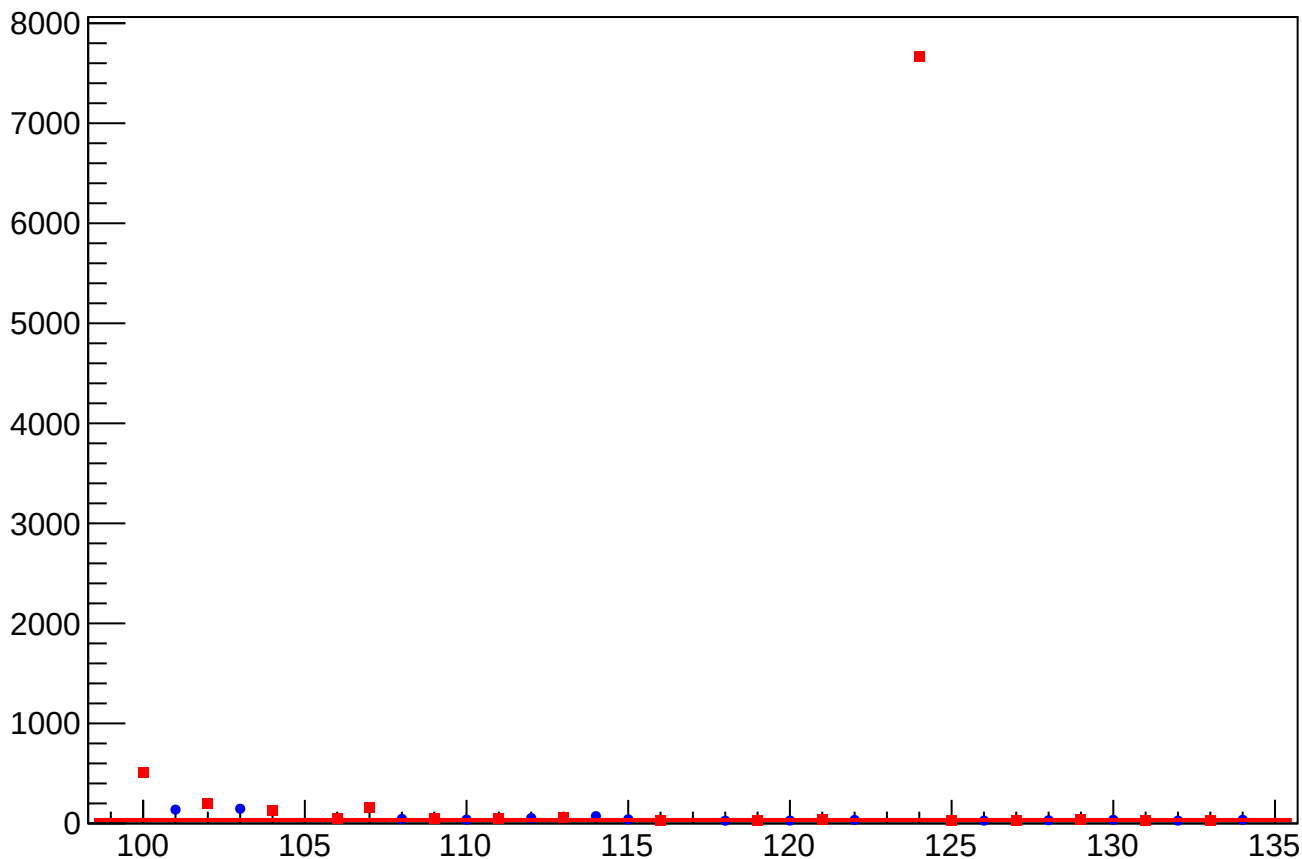
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.012 χ^2 /NDF: 31.6/31

- sign 0.000 $\pm$ 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: 34.785 $\pm$ 0.012 χ^2 /NDF: 1961152.2/16

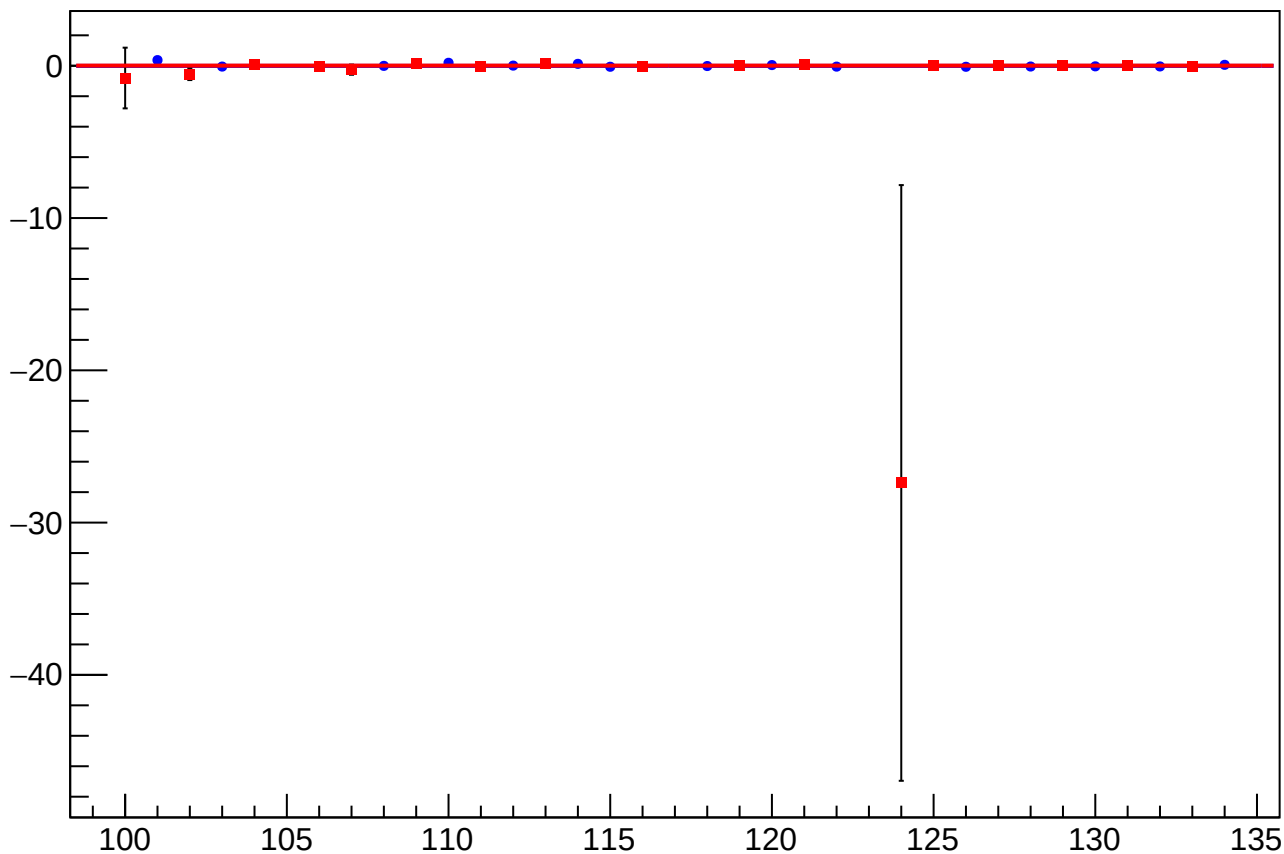
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.797 $\pm$ 0.008 χ^2 /NDF: 3654555.2/31

- 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 ± 0.016 χ^2/NDF : 19.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.010 ± 0.016 χ^2/NDF : 11.9/16

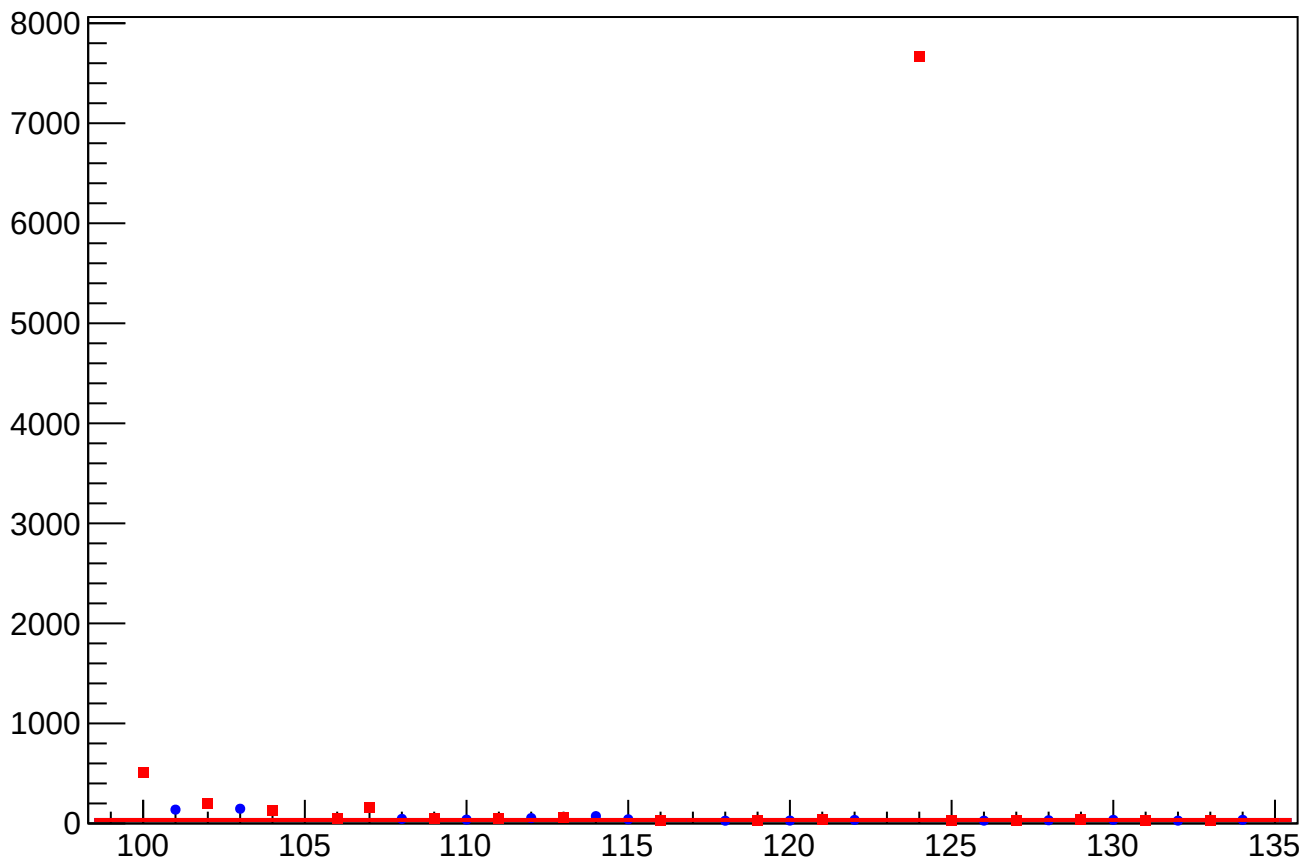
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.012 χ^2/NDF : 31.6/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_dit_vs_eigen_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: 34.785 $\pm$ 0.012 χ^2 /NDF: 1961152.2/16

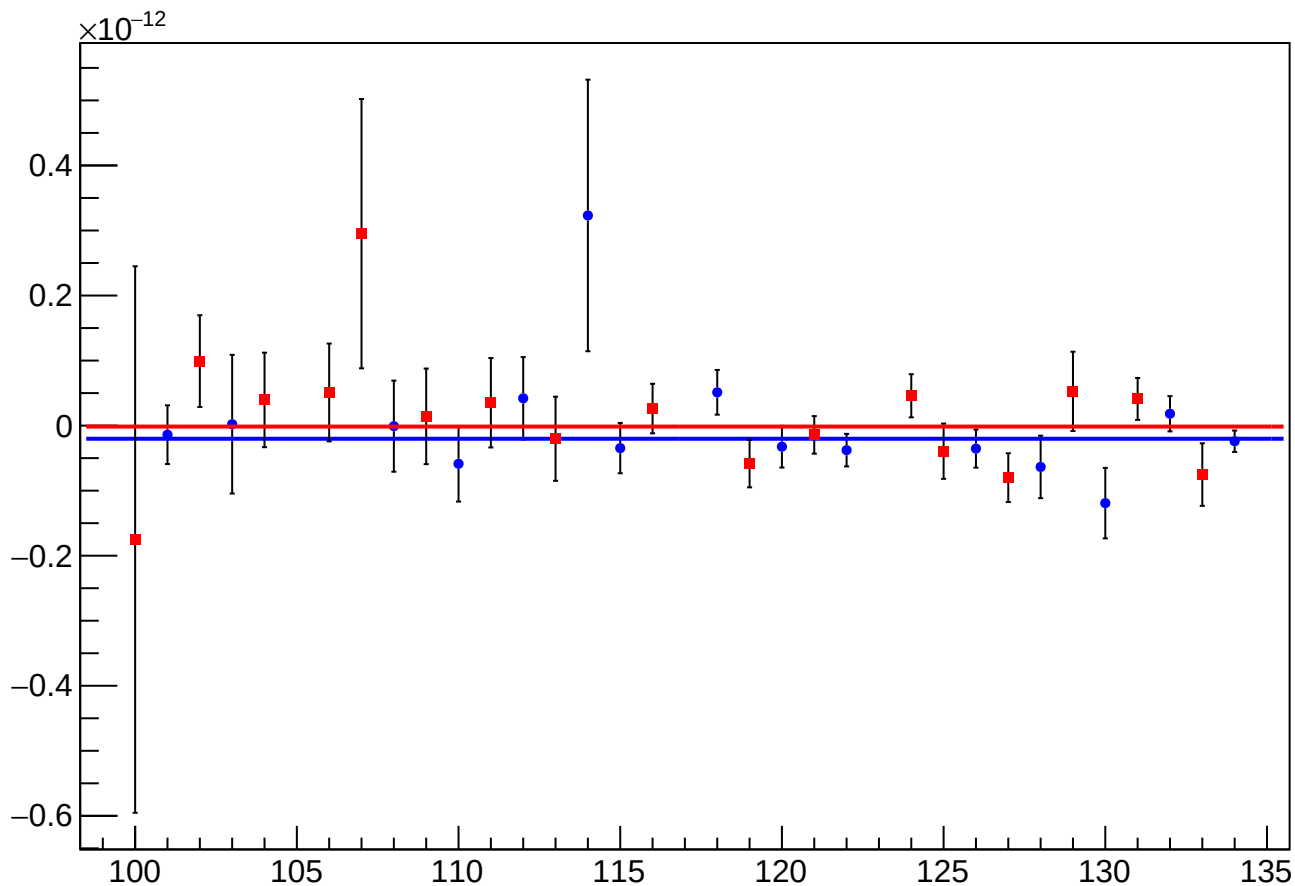
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.797 $\pm$ 0.008 χ^2 /NDF: 3654555.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_cor_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 : 20.7/16

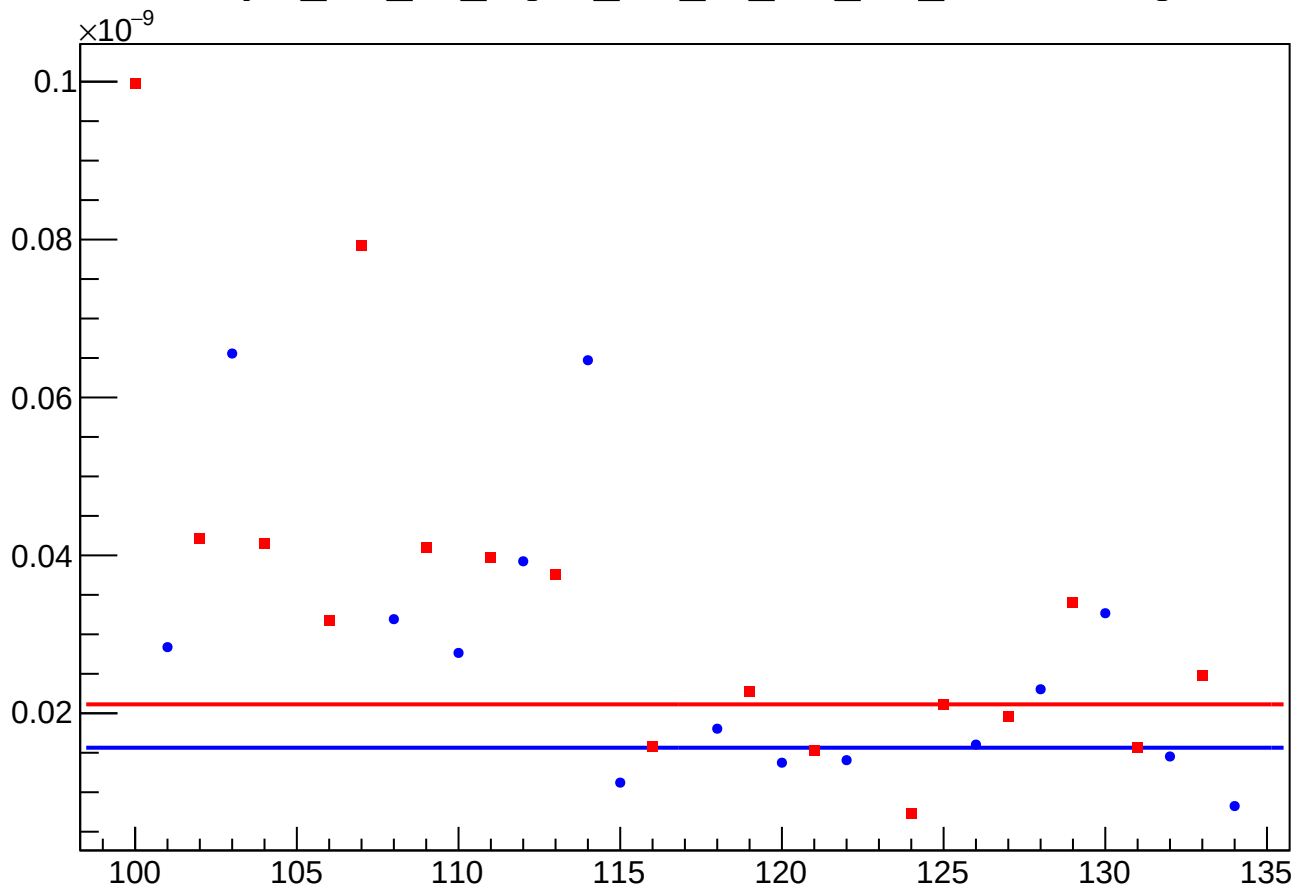
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 38.2/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1882101.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1658285.9/16

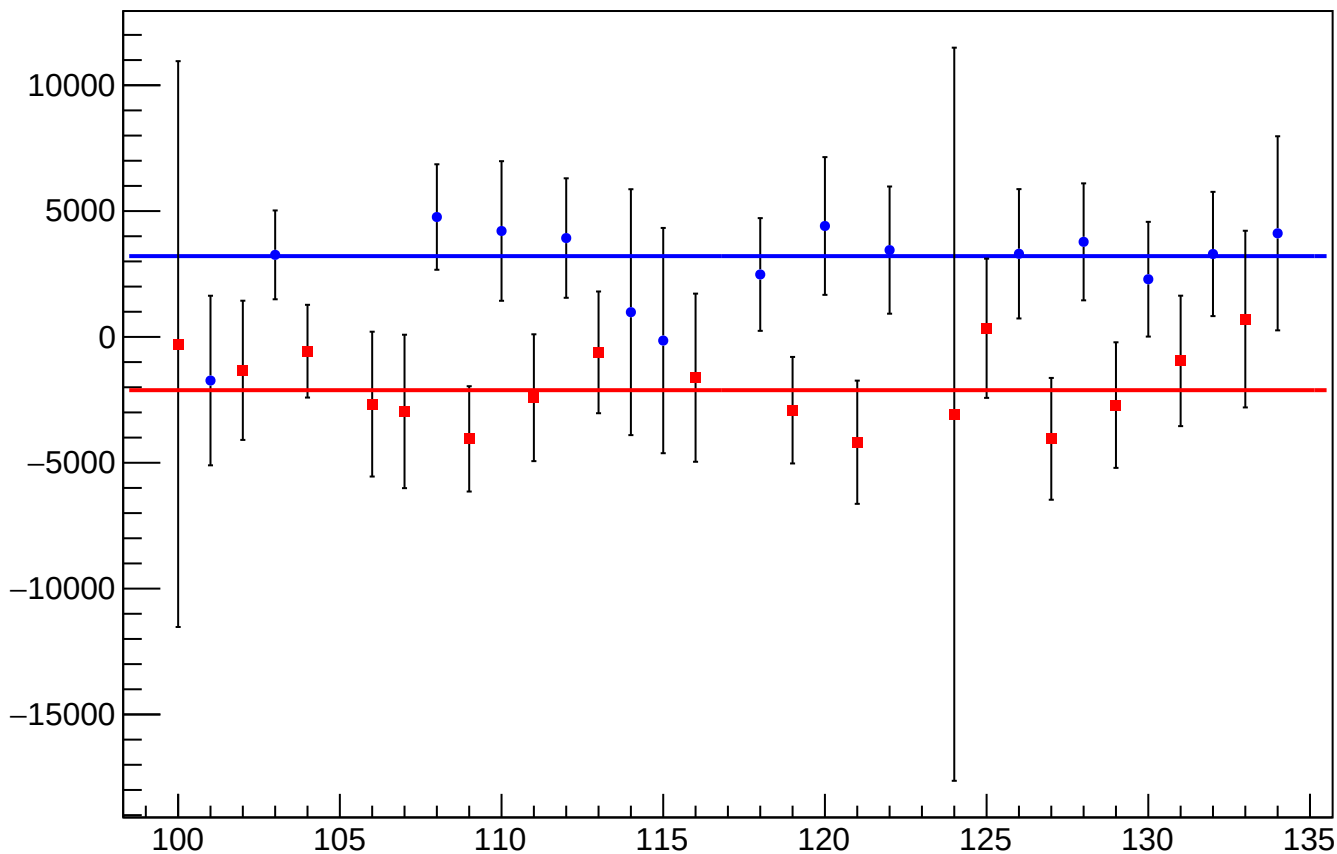
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3827255.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_avg_mean vs Slug



Right In: 3210.458 $\pm$ 661.366 χ^2 /NDF: 4.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2115.961 $\pm$ 646.153 χ^2 /NDF: 5.4/16

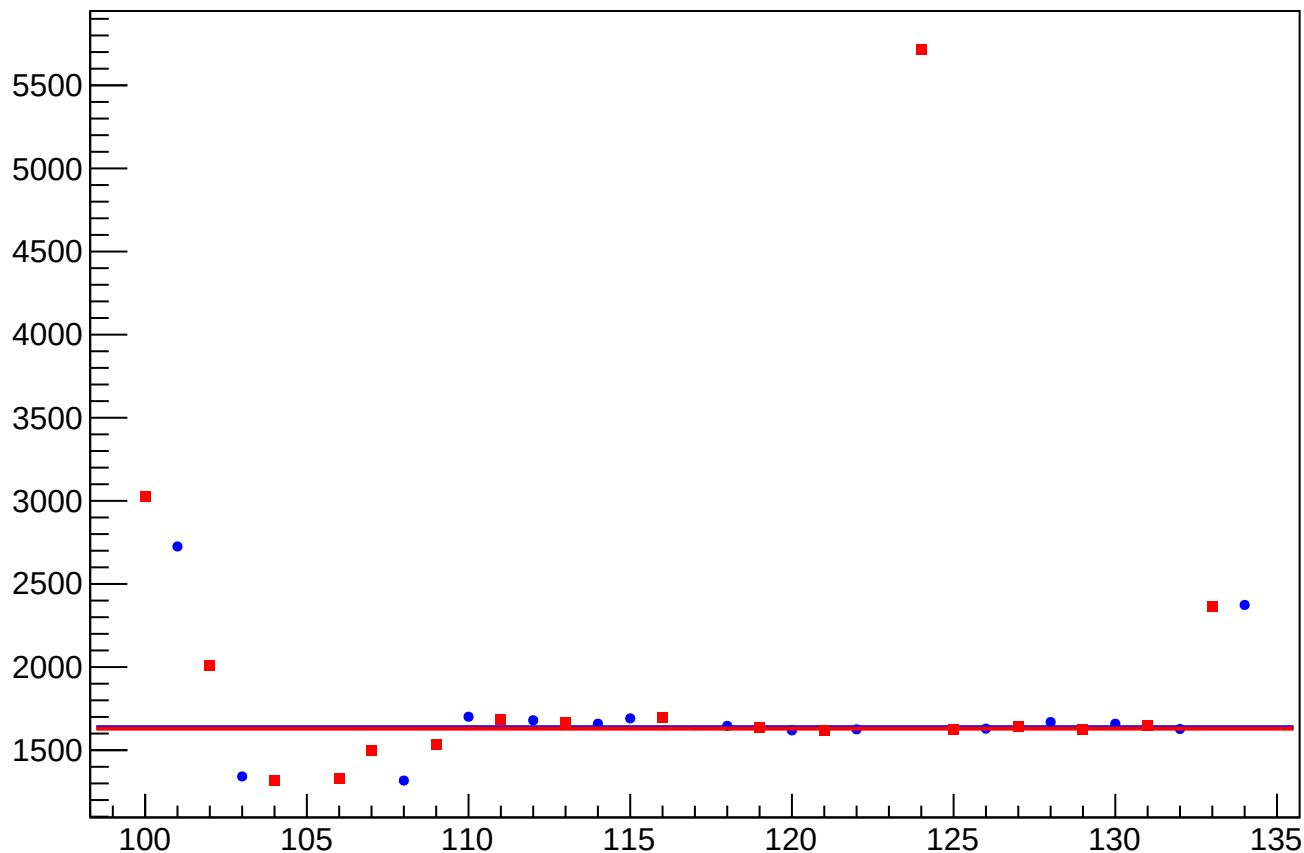
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 485.286 $\pm$ 462.184 χ^2 /NDF: 42.9/31

- sign 0.000 $\pm$ 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: 1629.673+/-0.457 χ^2/NDF : 401885.9/16

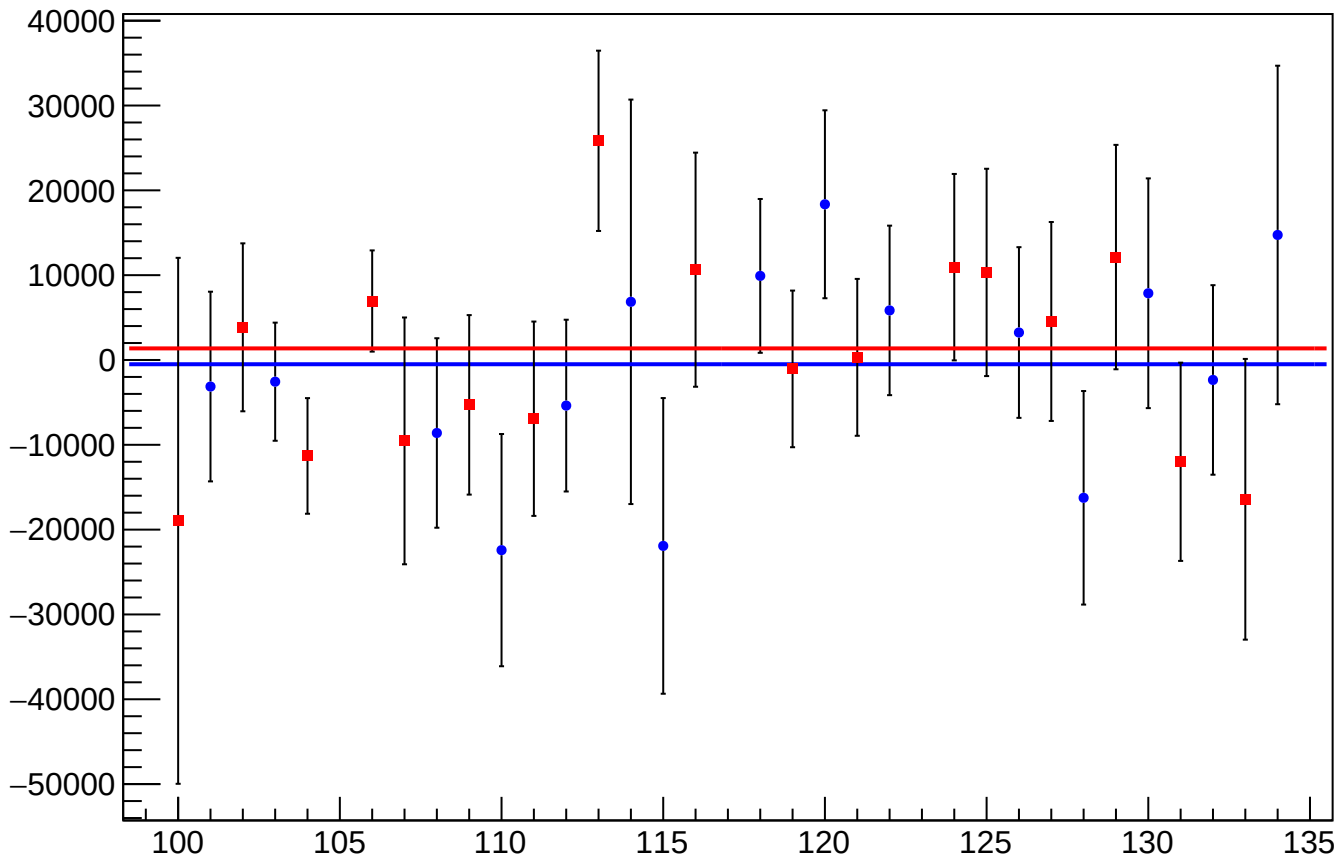
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1633.808+/-0.327 χ^2/NDF : 789186.6/31

- 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

Right Out: 1365.646+/-2510.949 χ^2/NDF : 16.6/16

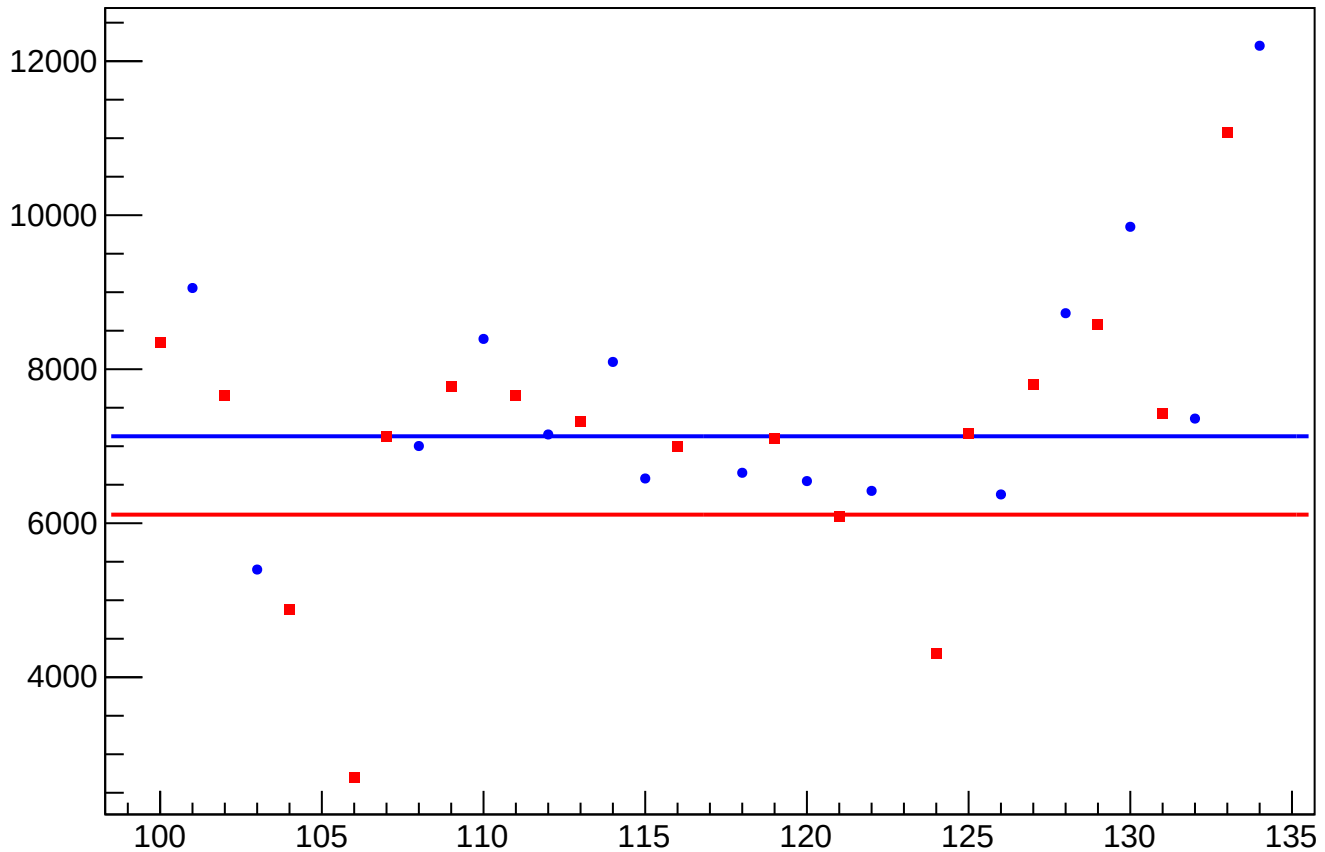
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 564.225+/-1897.061 χ^2/NDF : 29.3/31

- sign 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

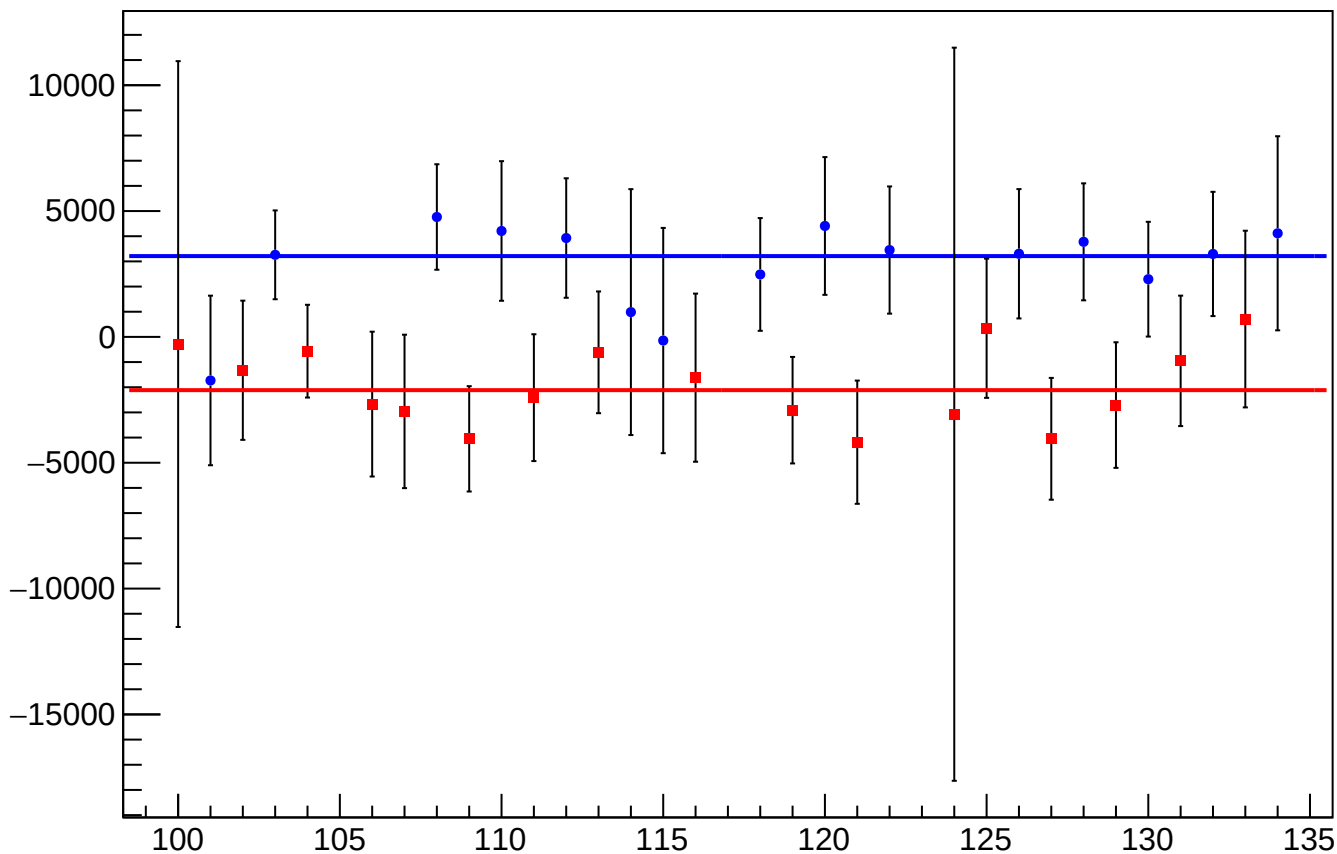
Right Out: 6111.584+/-1.776 χ^2/NDF : 1315792.6/16

All: 6548.324+/-1.341 χ^2/NDF : 1937435.8/31

- 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_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: -2115.729 $\pm$ 646.153 χ^2 /NDF: 5.4/16

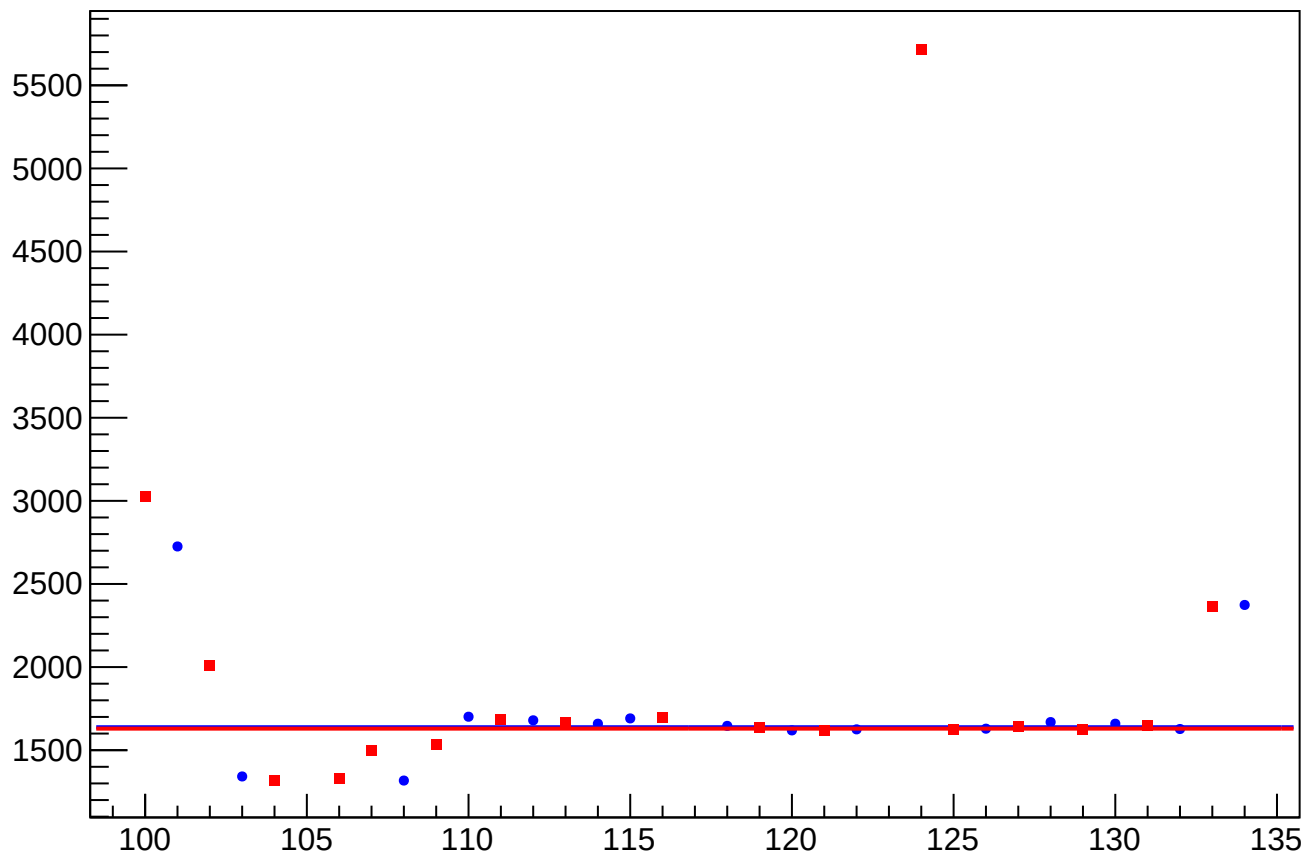
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 485.463 $\pm$ 462.184 χ^2 /NDF: 42.9/31

- 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: 1629.672+/-0.457 χ^2/NDF : 401885.9/16

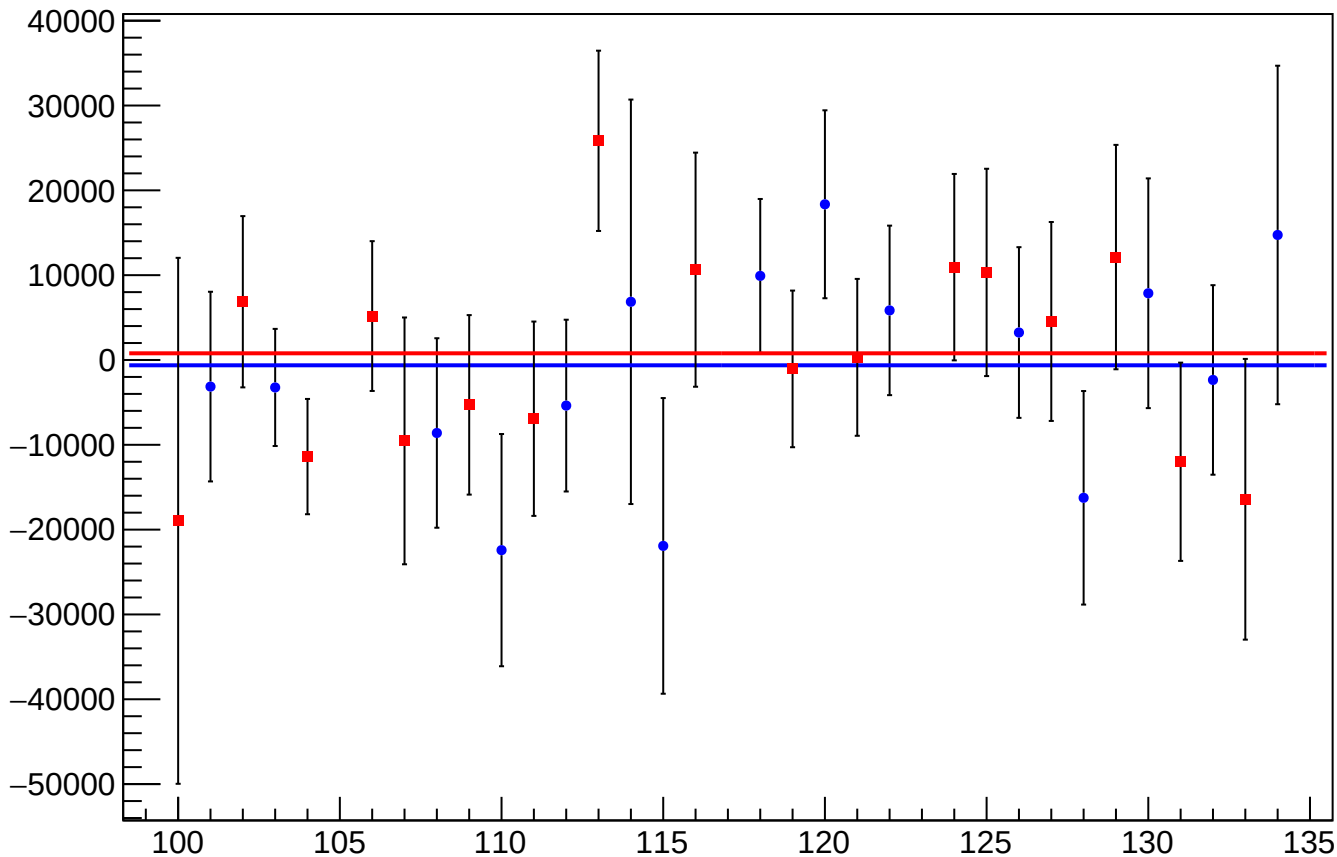
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1633.808+/-0.327 χ^2/NDF : 789186.9/31

- 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: 787.518+/-2643.879 χ^2/NDF : 16.2/16

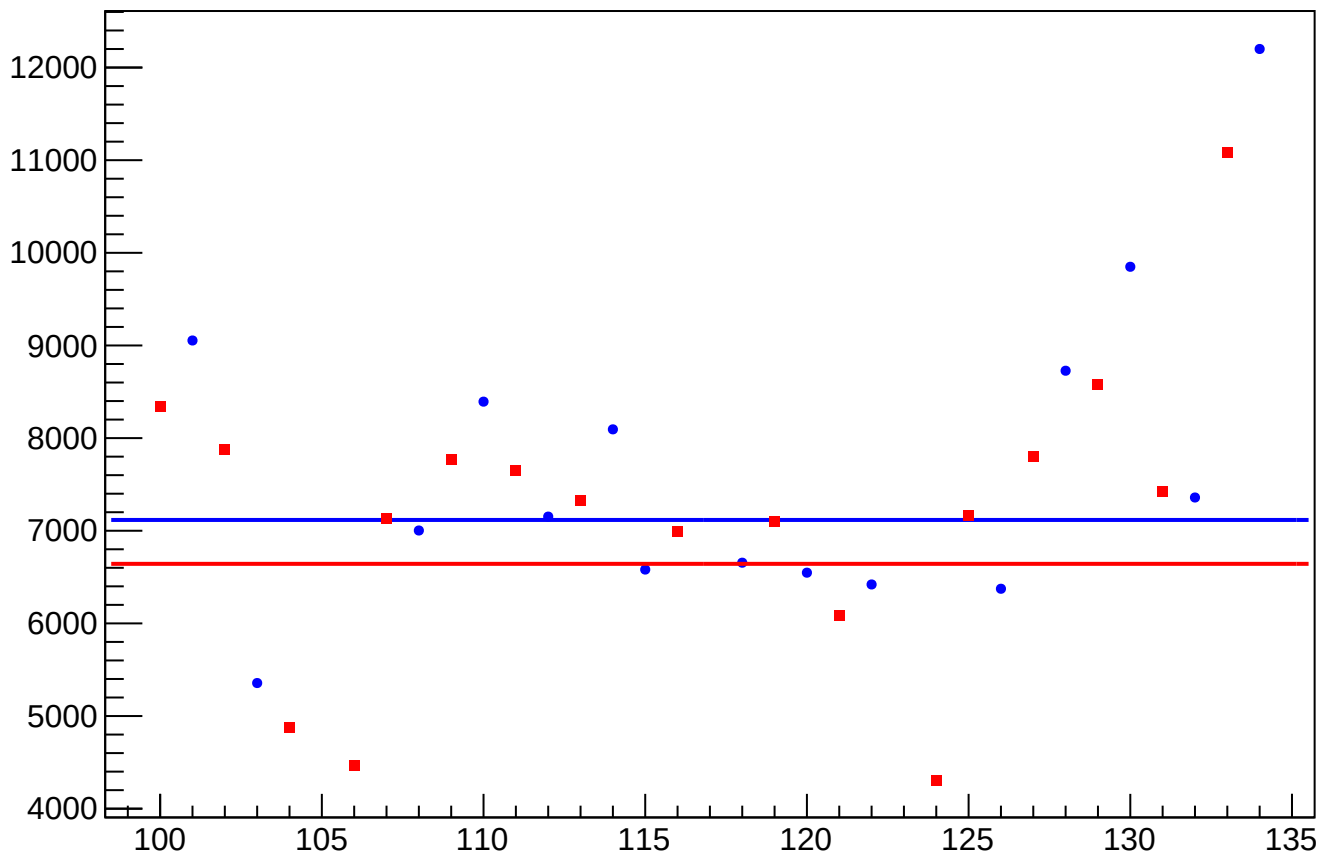
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.438+/-1951.151 χ^2/NDF : 28.8/31

- 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

Right Out: 6642.801+/-1.870 χ^2/NDF : 663611.0/16

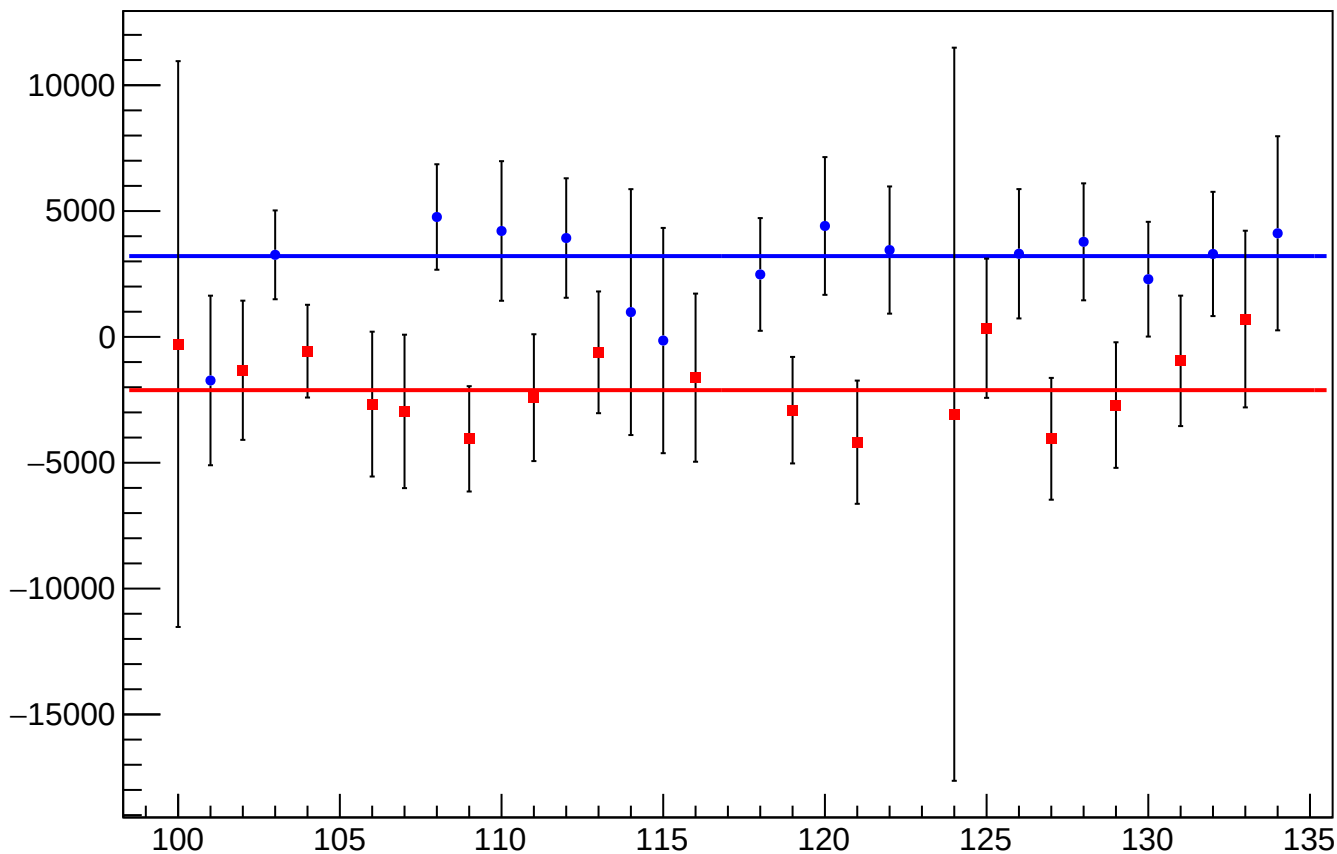
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6858.548+/-1.380 χ^2/NDF : 1181789.1/31

- sign 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: -2115.729 $\pm$ 646.153 χ^2 /NDF: 5.4/16

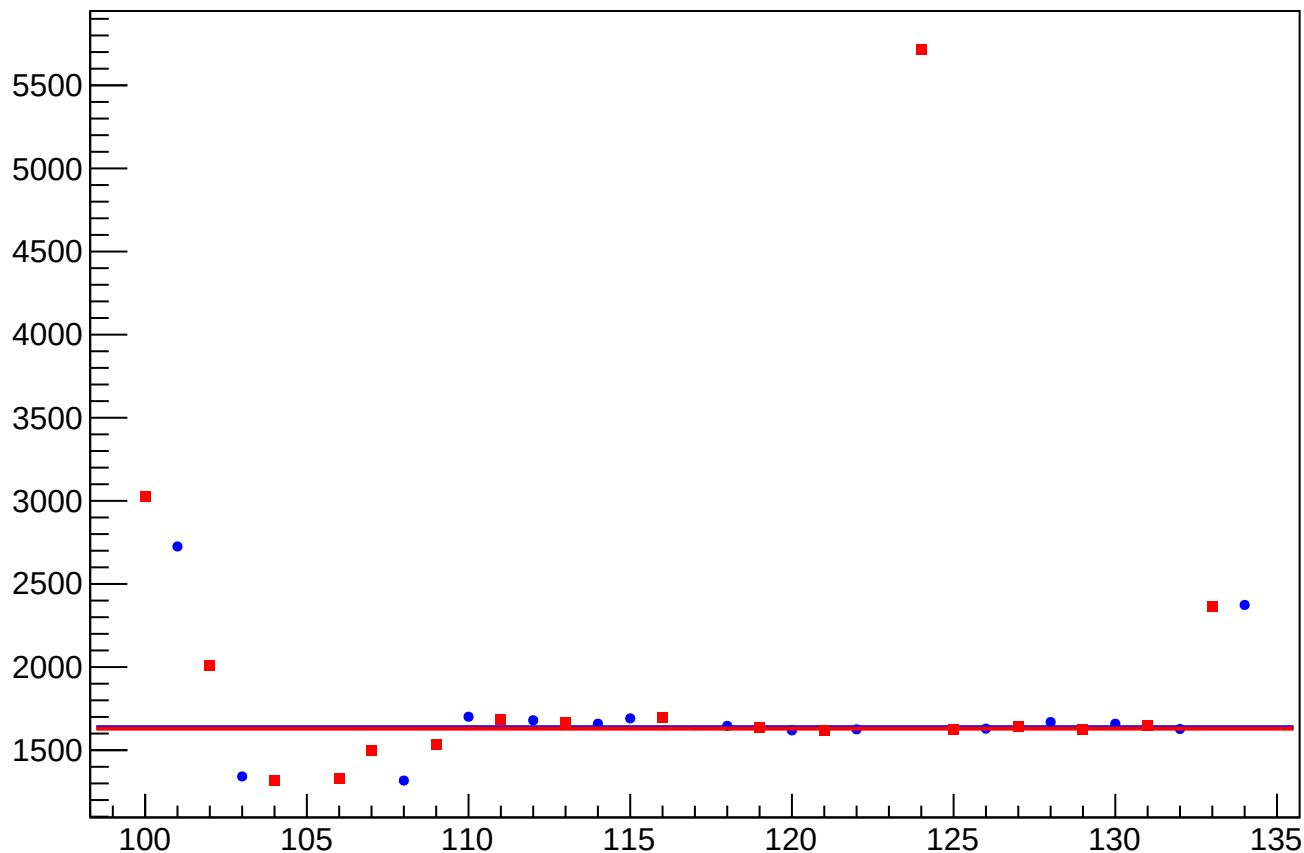
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 485.463 $\pm$ 462.184 χ^2 /NDF: 42.9/31

- 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

Right Out: 1629.672+/-0.457 χ^2/NDF : 401885.9/16

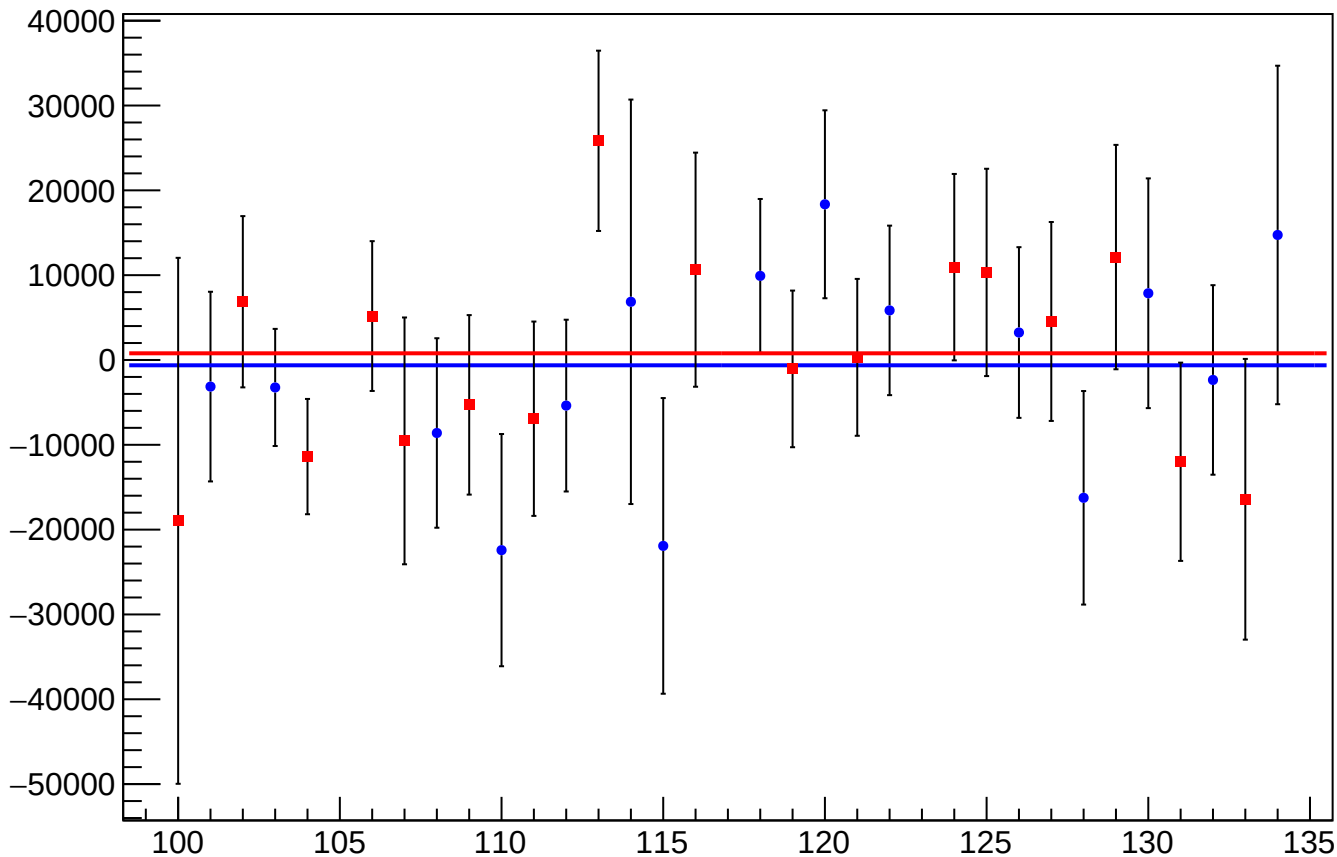
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1633.808+/-0.327 χ^2/NDF : 789186.9/31

- sign 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: 787.518+/-2643.879 χ^2/NDF : 16.2/16

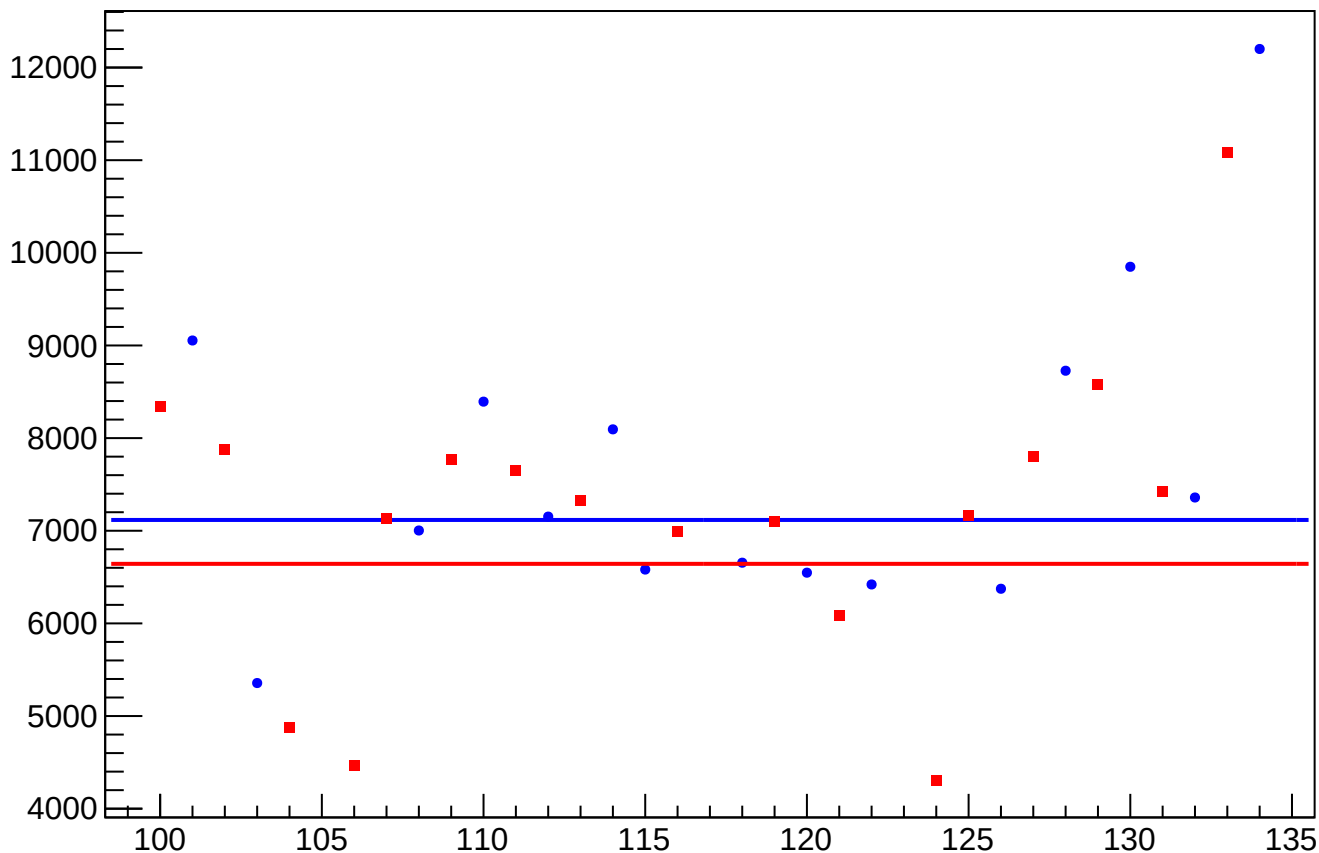
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.438+/-1951.151 χ^2/NDF : 28.8/31

- 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

Right Out: 6642.801+/-1.870 χ^2/NDF : 663611.0/16

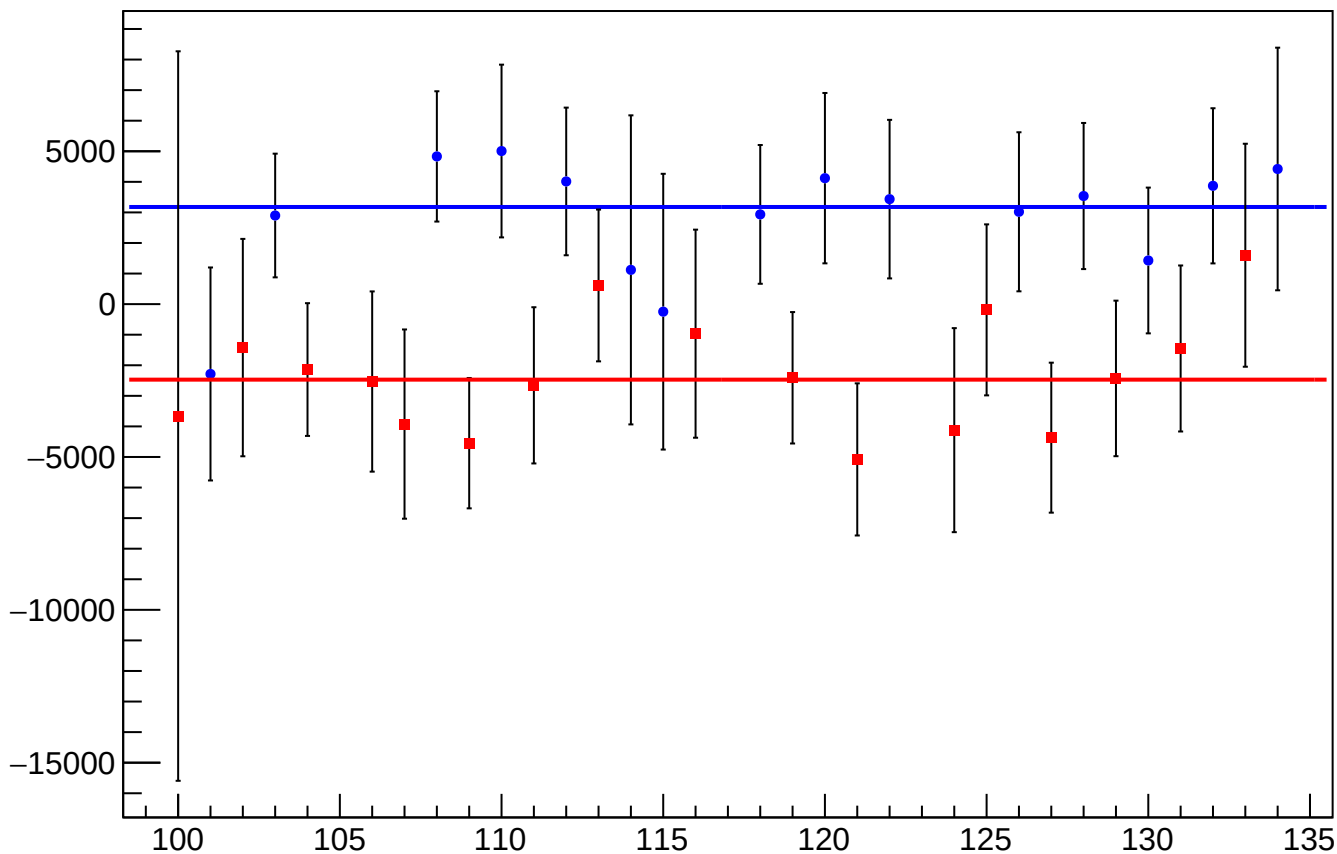
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6858.548+/-1.380 χ^2/NDF : 1181789.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at2_avg_mean vs Slug



Right In: 3177.670 $\pm$ 686.626 χ^2 /NDF: 5.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2470.349 $\pm$ 664.229 χ^2 /NDF: 7.0/16

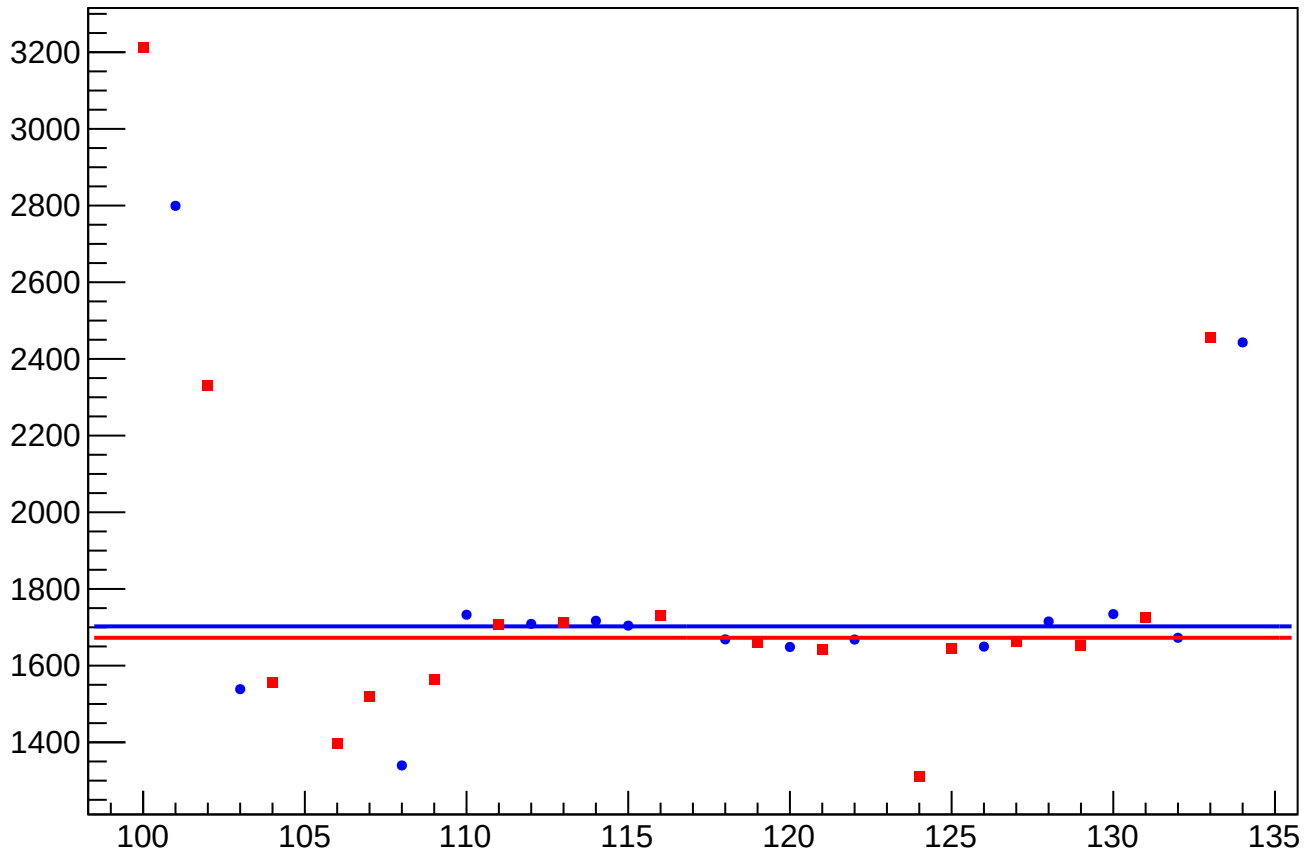
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 260.046 $\pm$ 477.402 χ^2 /NDF: 47.2/31

- sign 0.000 $\pm$ 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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

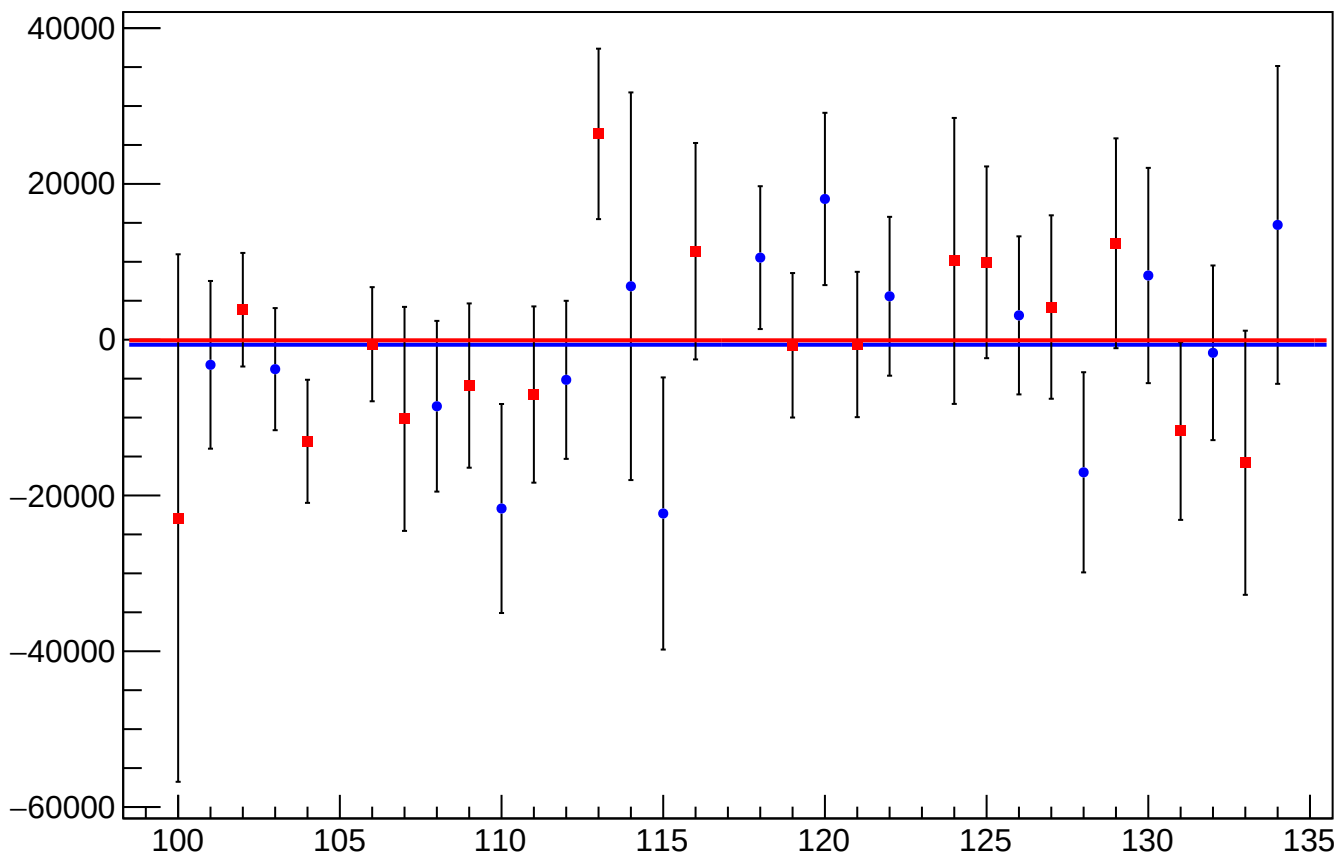
Right Out: 1672.676 $\pm$ 0.469 χ^2 /NDF: 254033.6/16

All: 1687.028 $\pm$ 0.338 χ^2 /NDF: 598285.8/31

- 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_at2_avg_dit_correction_mean vs Slug



Right In: -646.586+/-2956.133 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -77.241+/-2616.686 χ^2/NDF : 15.0/16

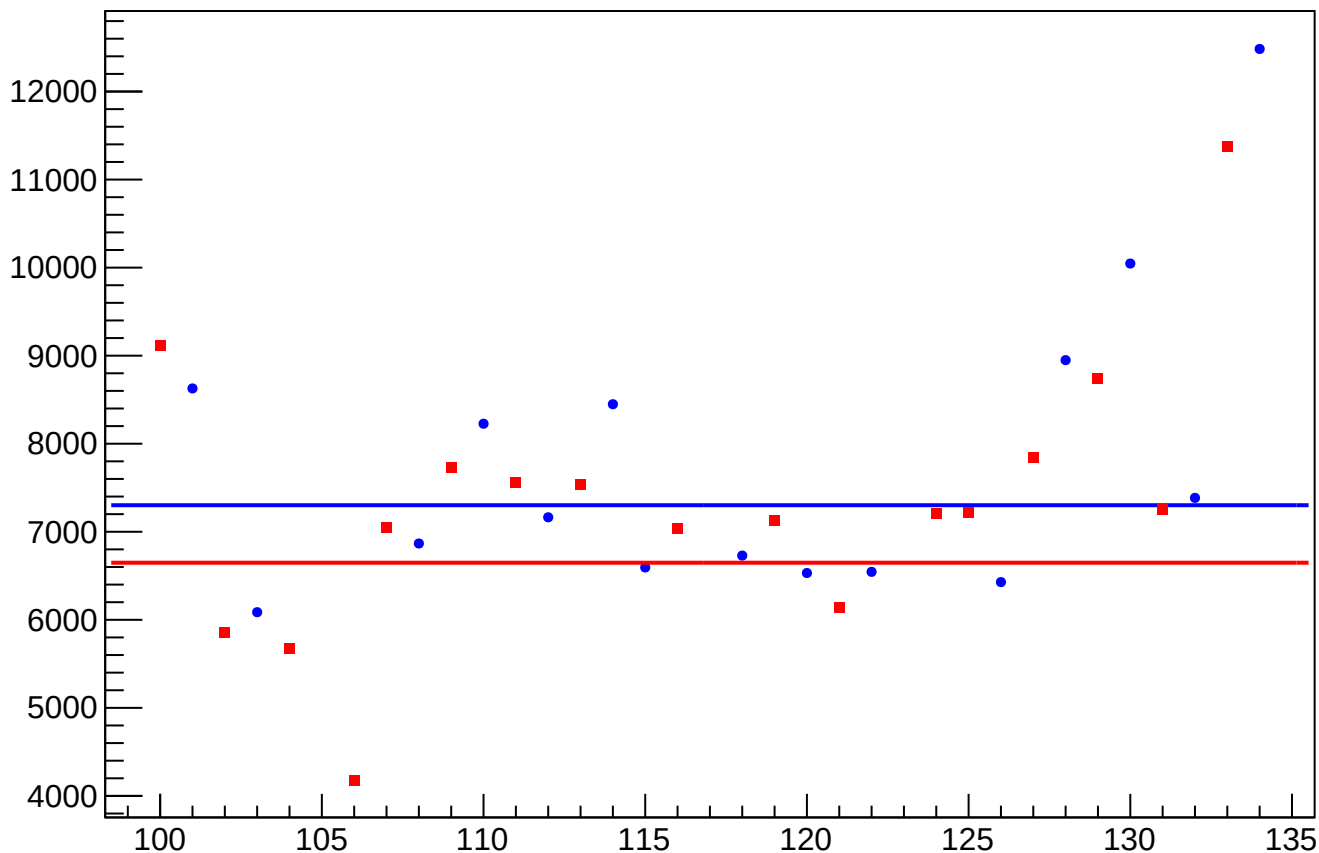
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -327.362+/-1959.347 χ^2/NDF : 27.5/31

- sign 0.000+/-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

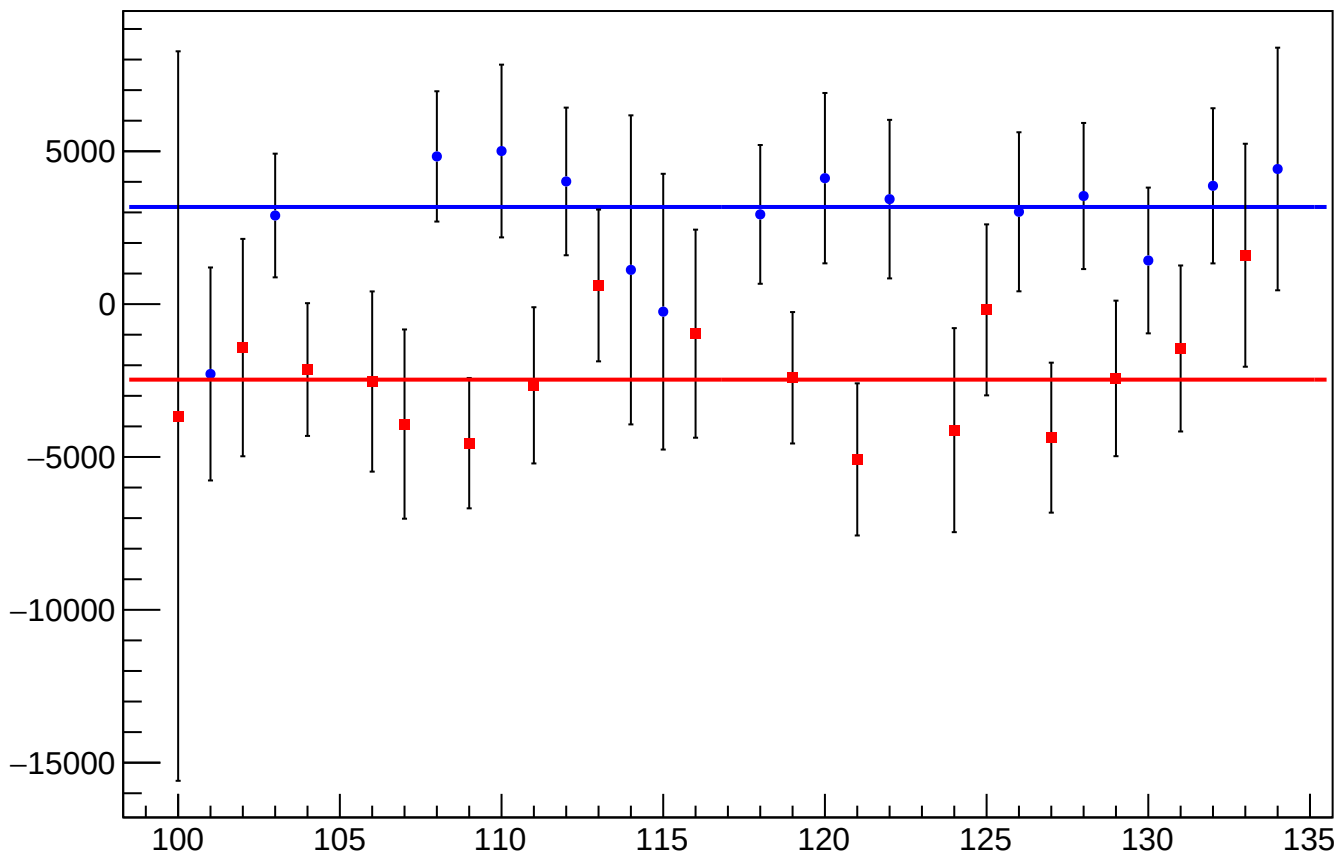
Right Out: 6648.543+/-1.850 χ^2/NDF : 589412.5/16

All: 6935.421+/-1.385 χ^2/NDF : 1027294.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at2_avg_mean vs Slug



Right In: 3177.672+/-686.625 χ^2/NDF : 5.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2470.357+/-664.229 χ^2/NDF : 7.0/16

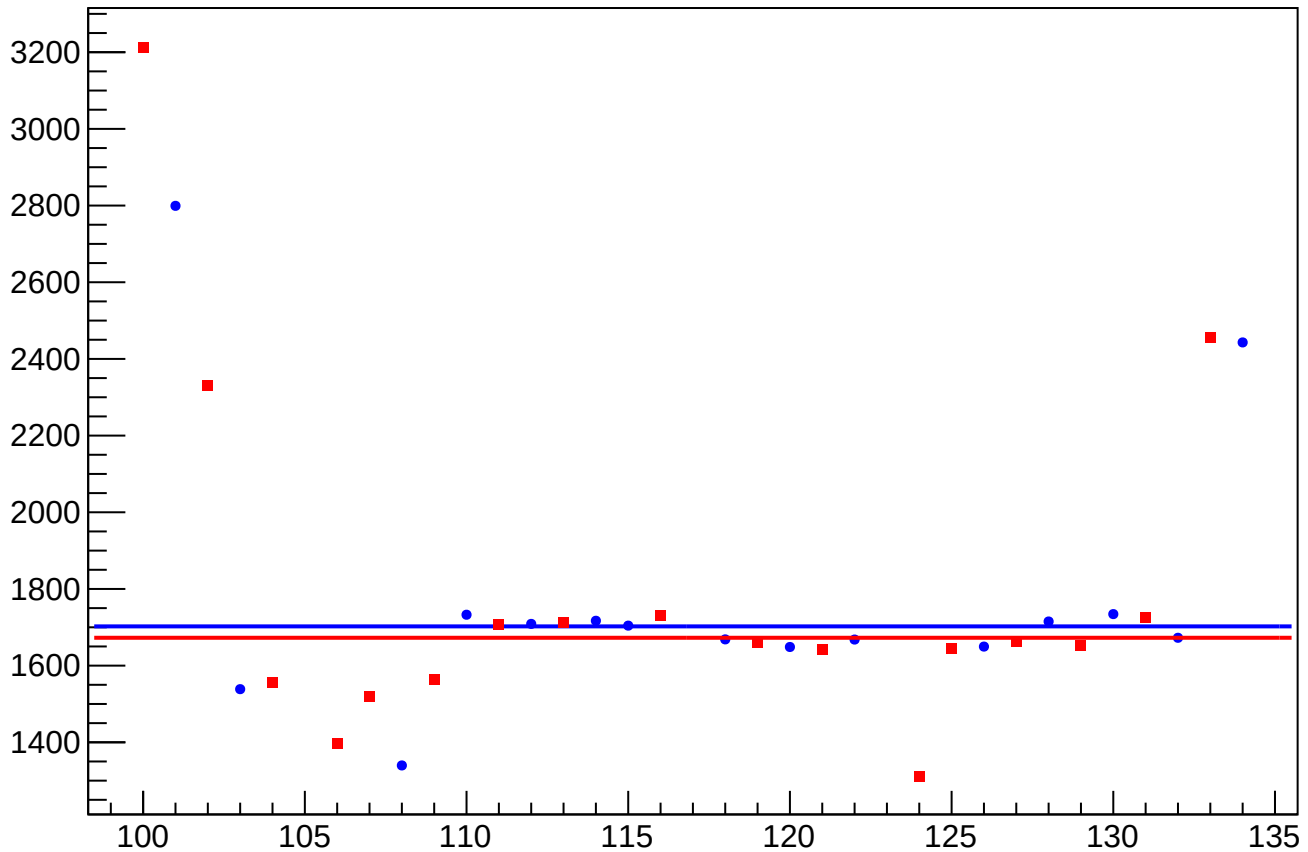
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 260.042+/-477.402 χ^2/NDF : 47.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at2_avg_rms vs Slug



Right In: 1702.376 $\pm$ 0.486 χ^2 /NDF: 342318.1/14

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

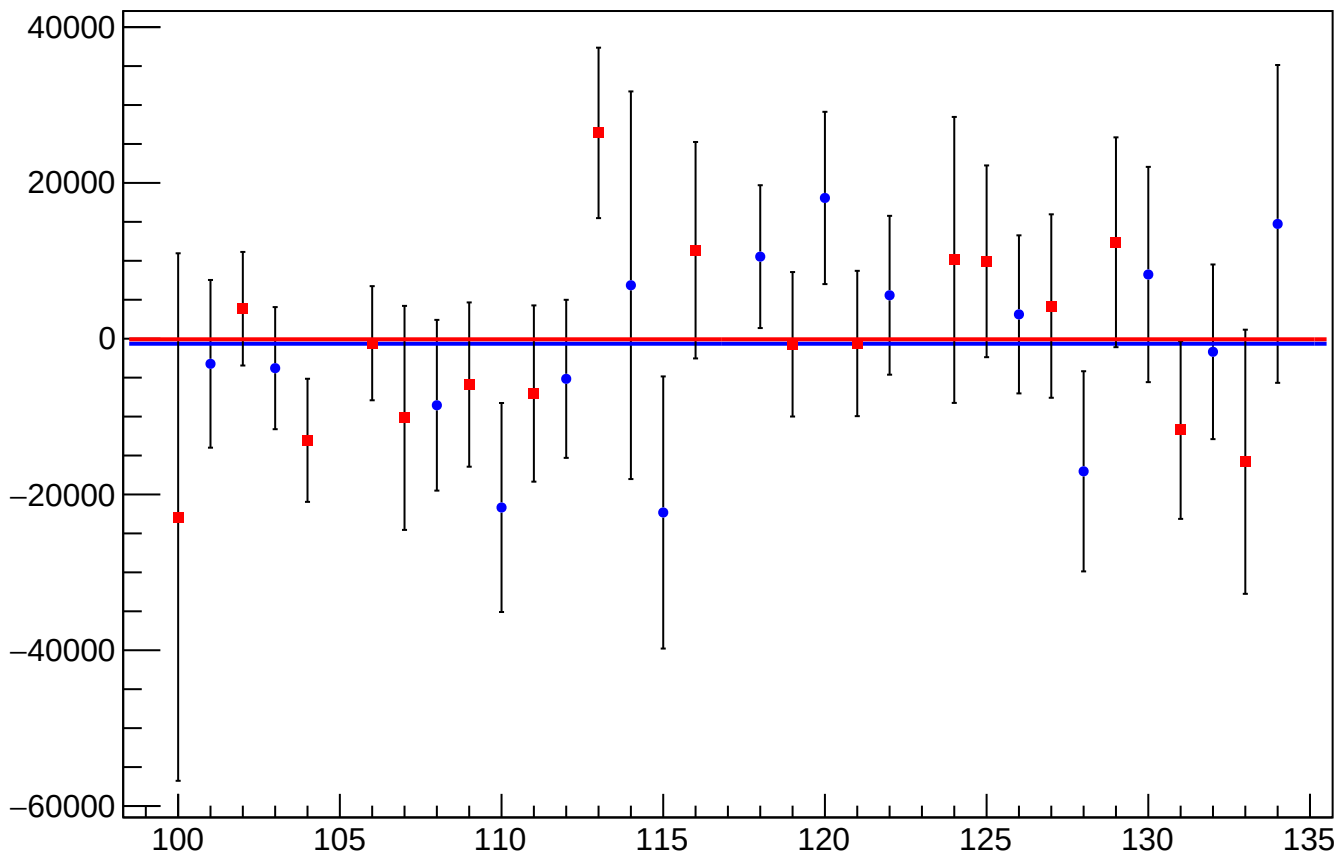
Right Out: 1672.676 $\pm$ 0.469 χ^2 /NDF: 254033.4/16

All: 1687.028 $\pm$ 0.338 χ^2 /NDF: 598285.3/31

- 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_at2_avg_eigen_dit_correction_mean vs Slug



Right In: -646.577 $\pm$ 2956.125 χ^2 /NDF: 12.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -77.248 $\pm$ 2616.679 χ^2 /NDF: 15.0/16

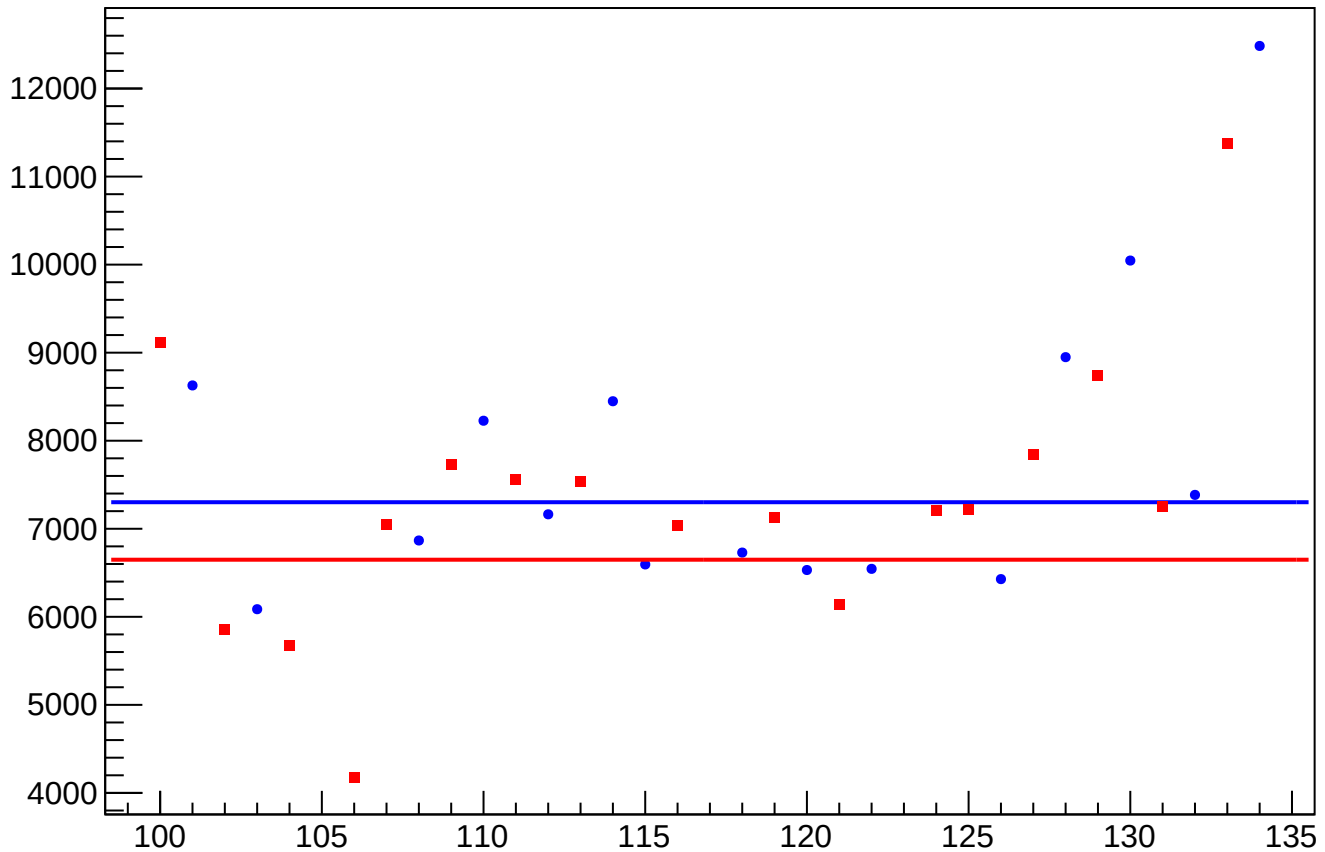
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -327.362 $\pm$ 1959.342 χ^2 /NDF: 27.5/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_eigen_dit_correction_rms vs Slug



Right In: 7301.537 $\pm$ 2.090 χ^2 /NDF: 383162.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6648.527 $\pm$ 1.850 χ^2 /NDF: 589409.3/16

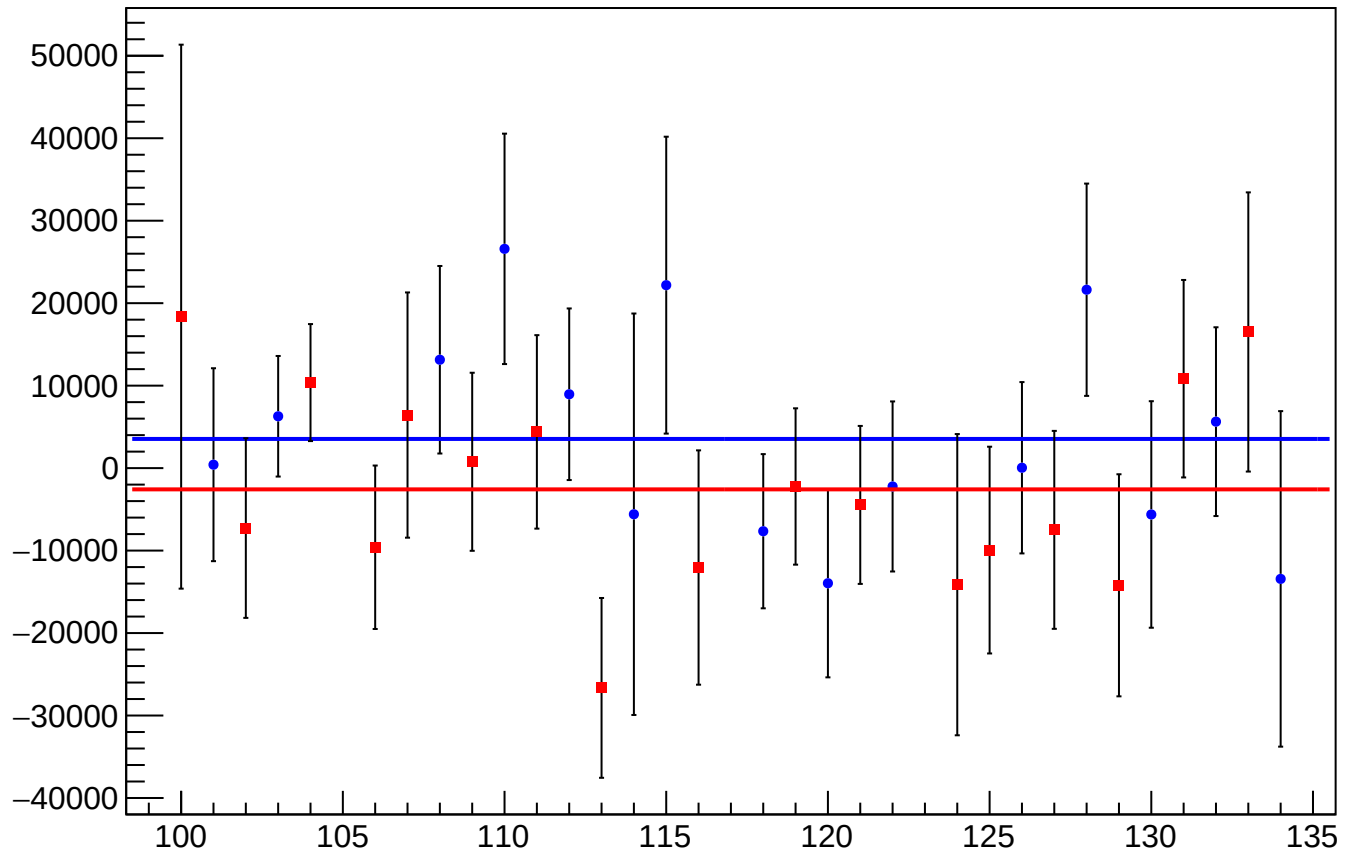
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6935.404 $\pm$ 1.385 χ^2 /NDF: 1027291.1/31

- sign 0.000 $\pm$ 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: -2577.405 $\pm$ 2800.985 χ^2 /NDF: 14.8/16

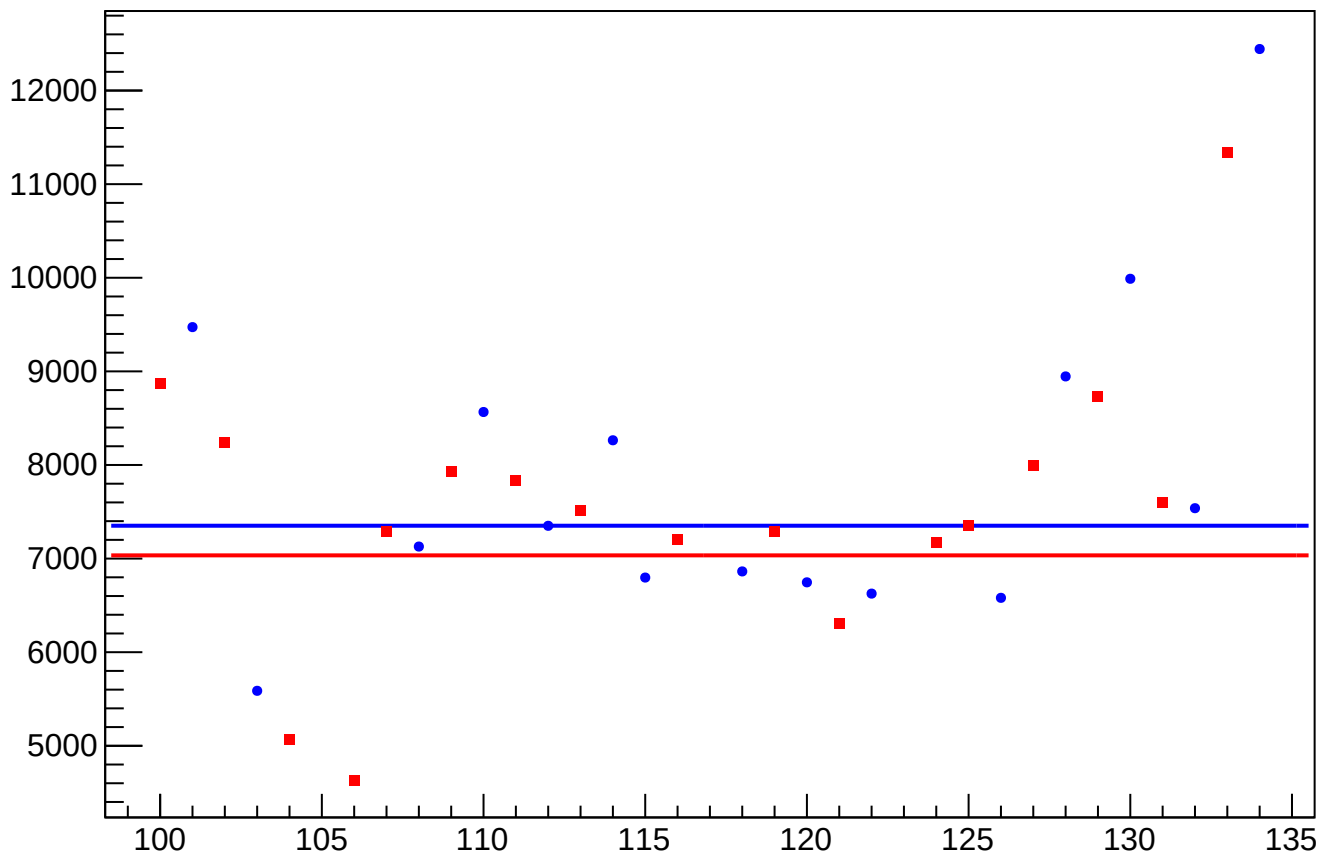
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 283.659 $\pm$ 2043.218 χ^2 /NDF: 29.5/31

- 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: 7034.408+/-1.980 χ^2/NDF : 523319.2/16

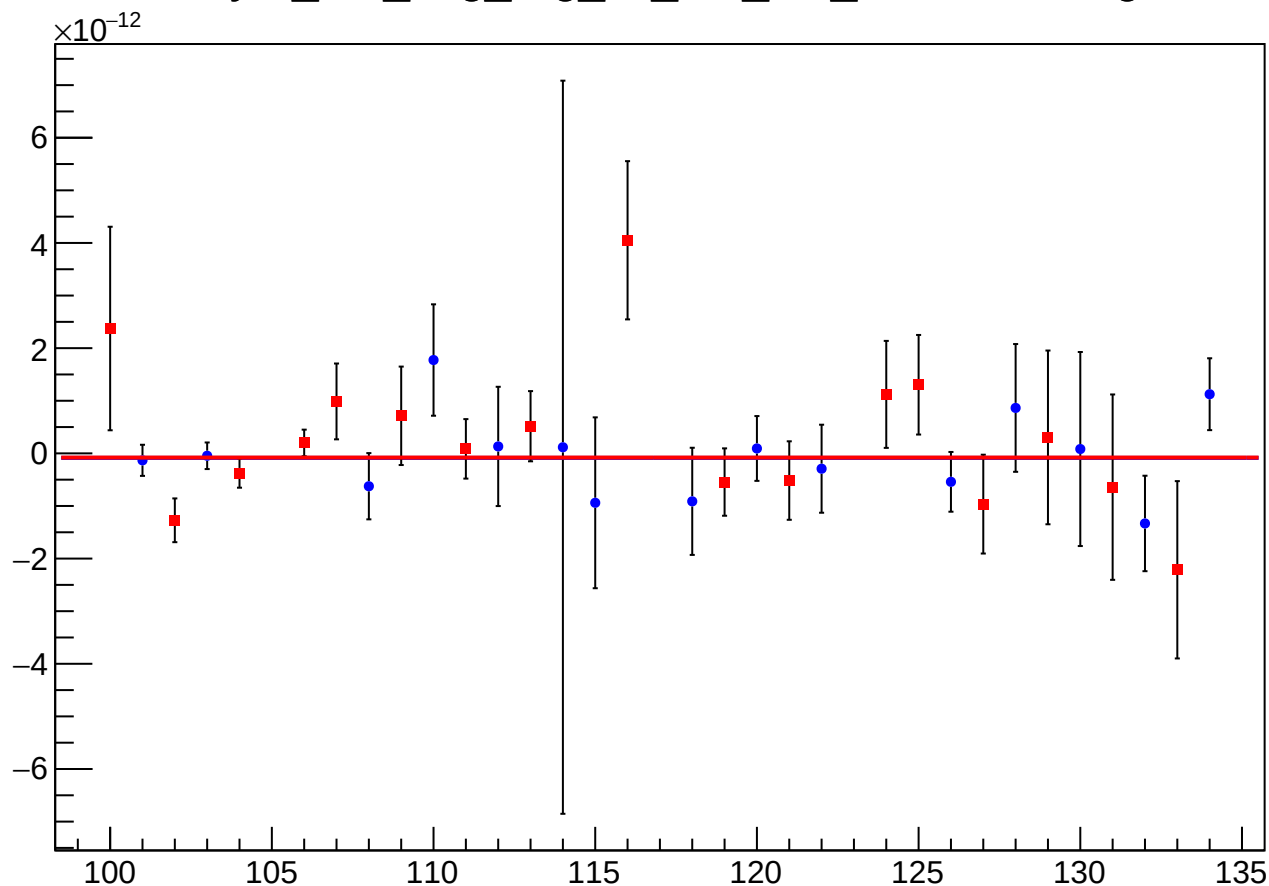
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7182.547+/-1.445 χ^2/NDF : 1000421.5/31

- 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: 30.5/16

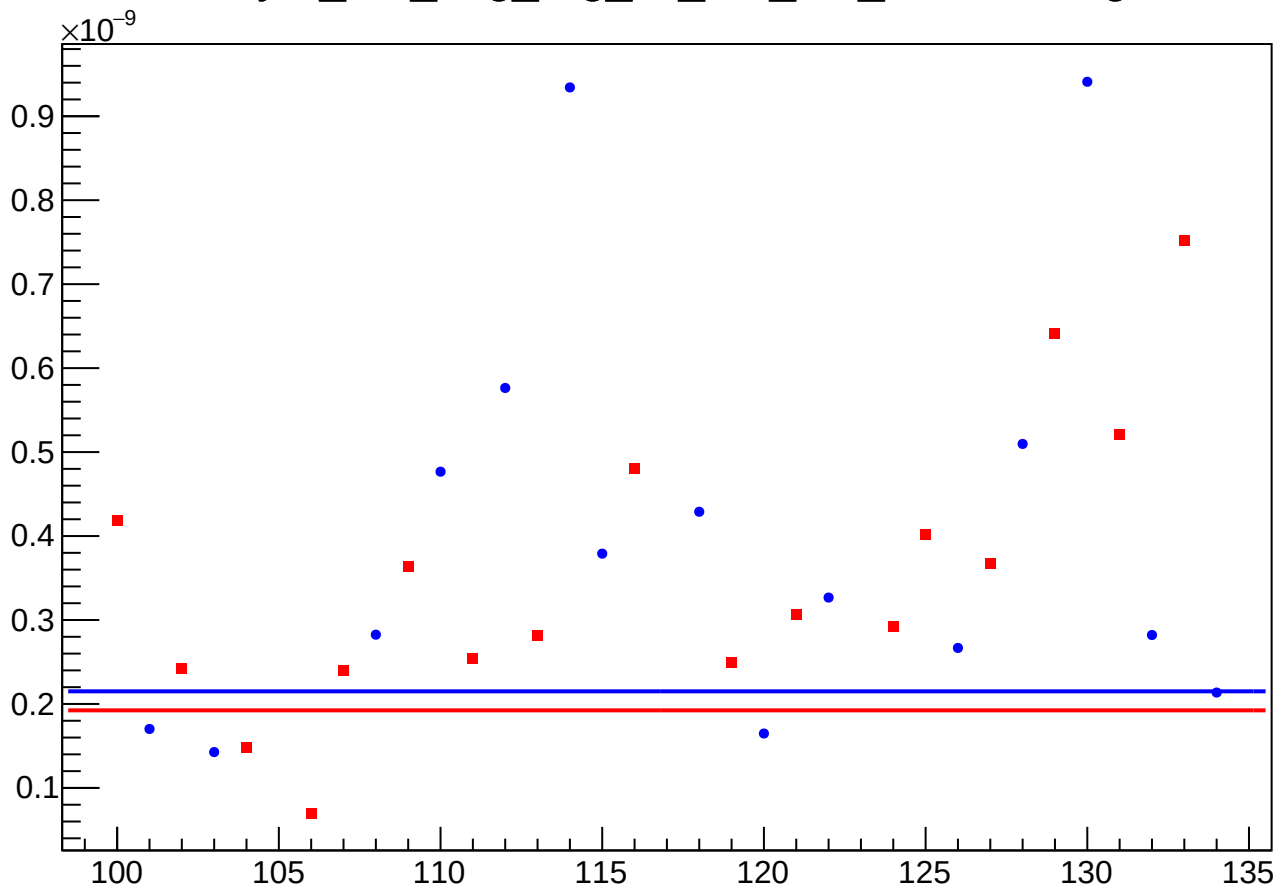
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 41.8/31

- 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: 1475828.6/16

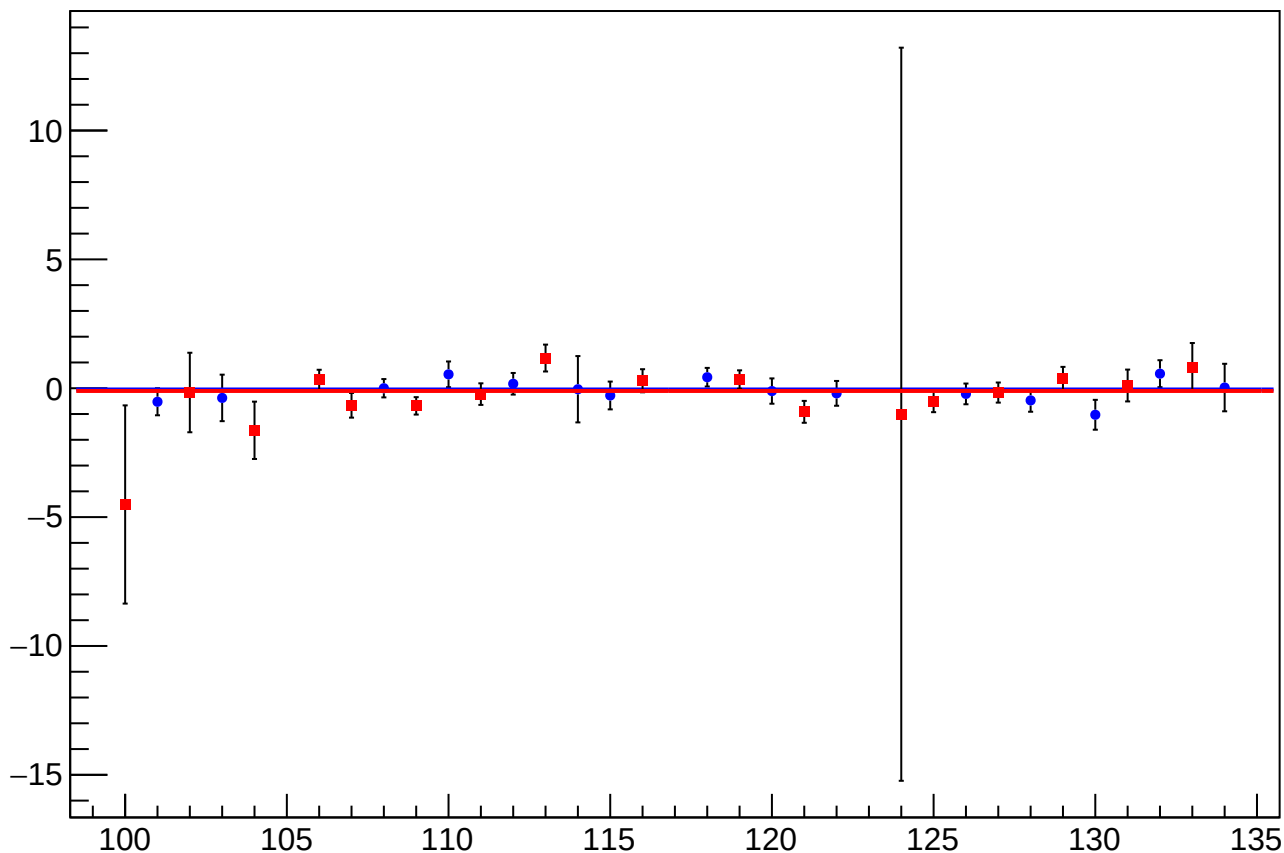
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2692488.4/31

- 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: -0.105 ± 0.120 χ^2/NDF : 24.0/16

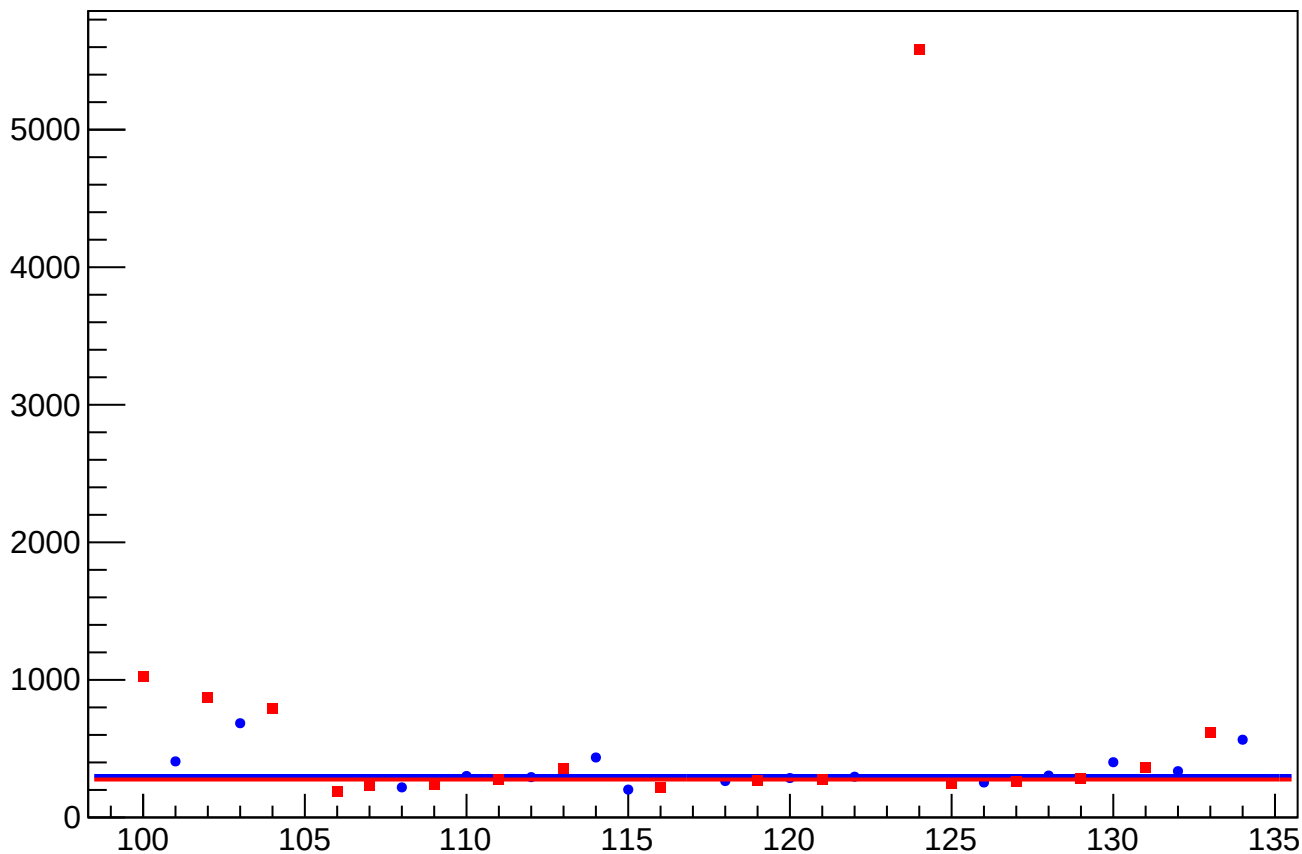
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.079 ± 0.087 χ^2/NDF : 34.1/31

- 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 $\pm$ 0.090 χ^2 /NDF: 924504.1/14

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

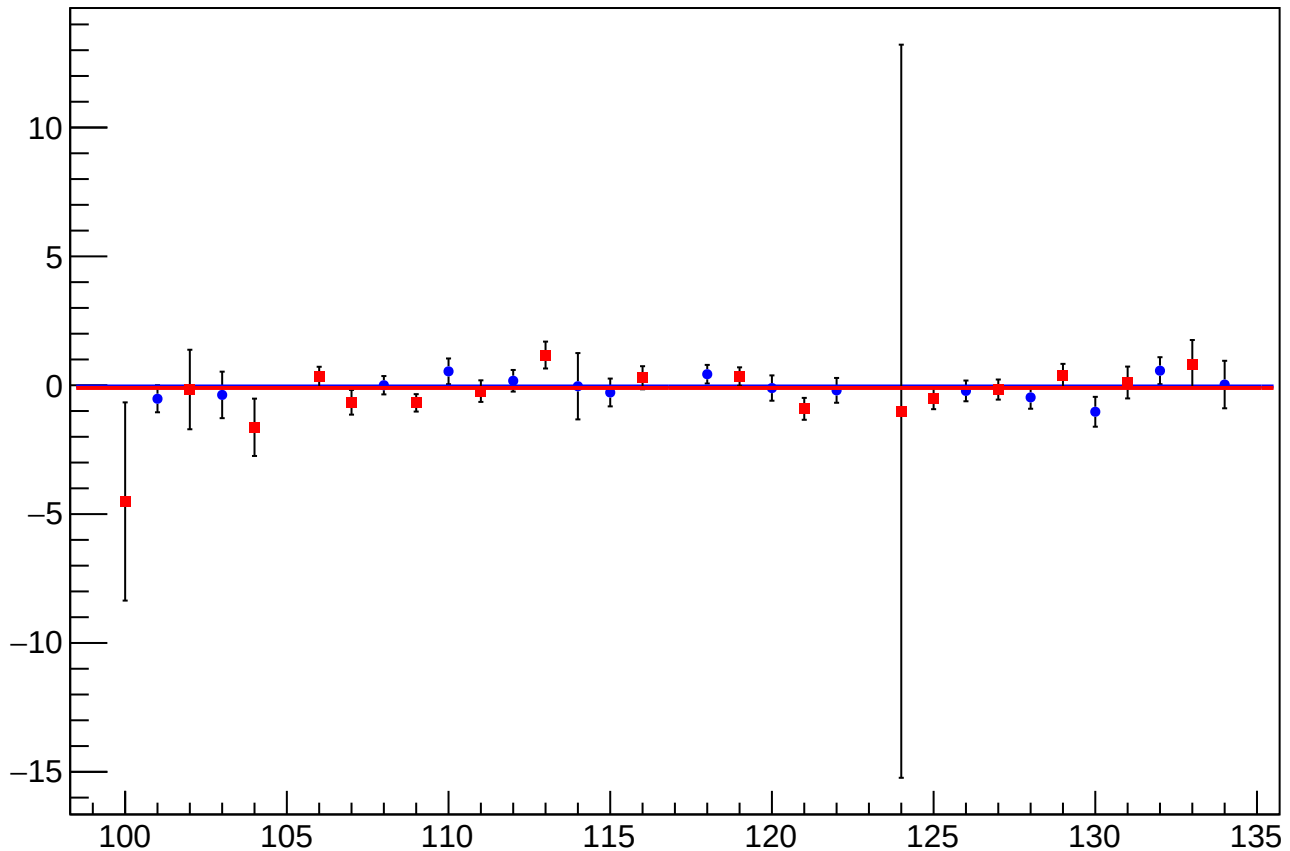
Right Out: 275.826 $\pm$ 0.085 χ^2 /NDF: 1638038.0/16

All: 287.784 $\pm$ 0.062 χ^2 /NDF: 2605113.3/31

- 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_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: -0.105 ± 0.120 χ^2/NDF : 24.0/16

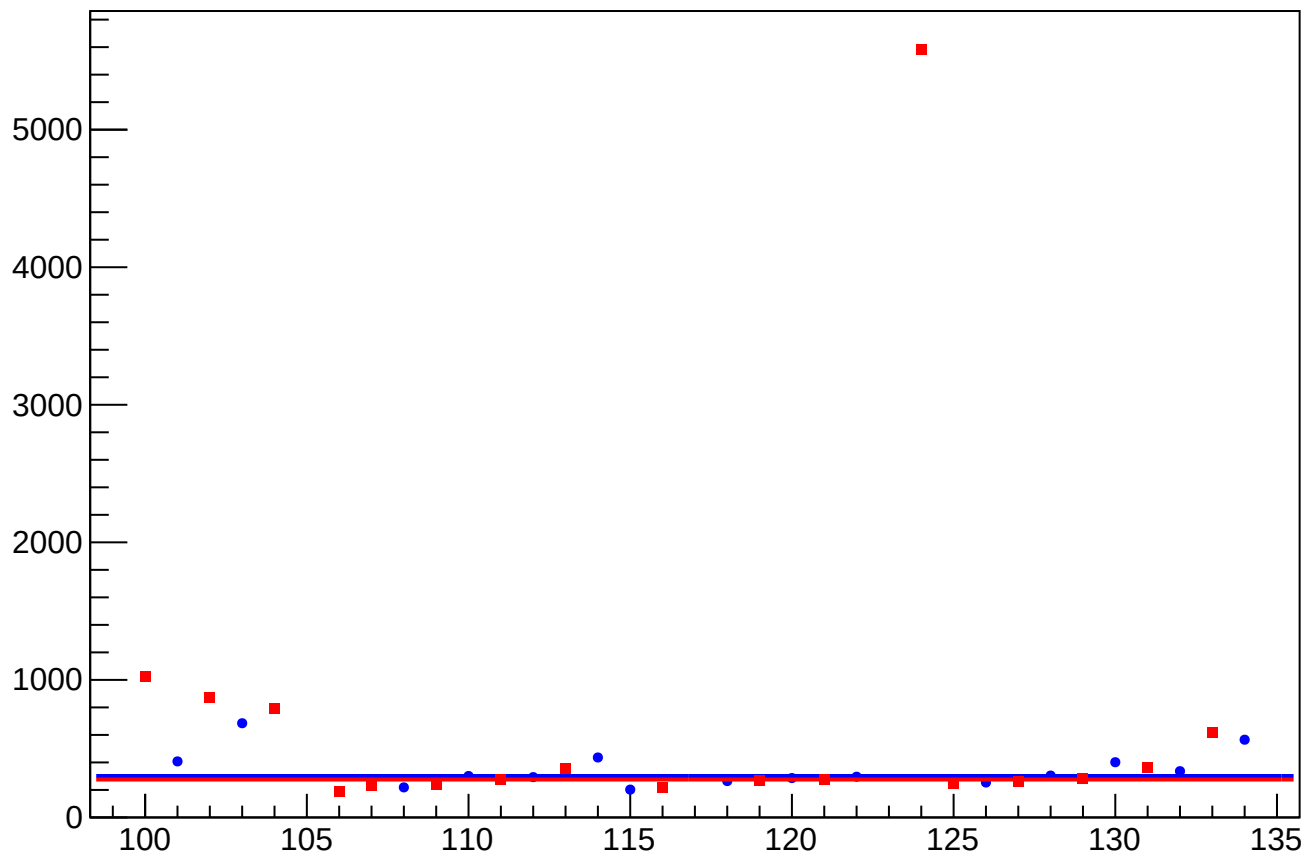
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.079 ± 0.087 χ^2/NDF : 34.1/31

- 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: 275.826+/-0.085 χ^2/NDF : 1638038.0/16

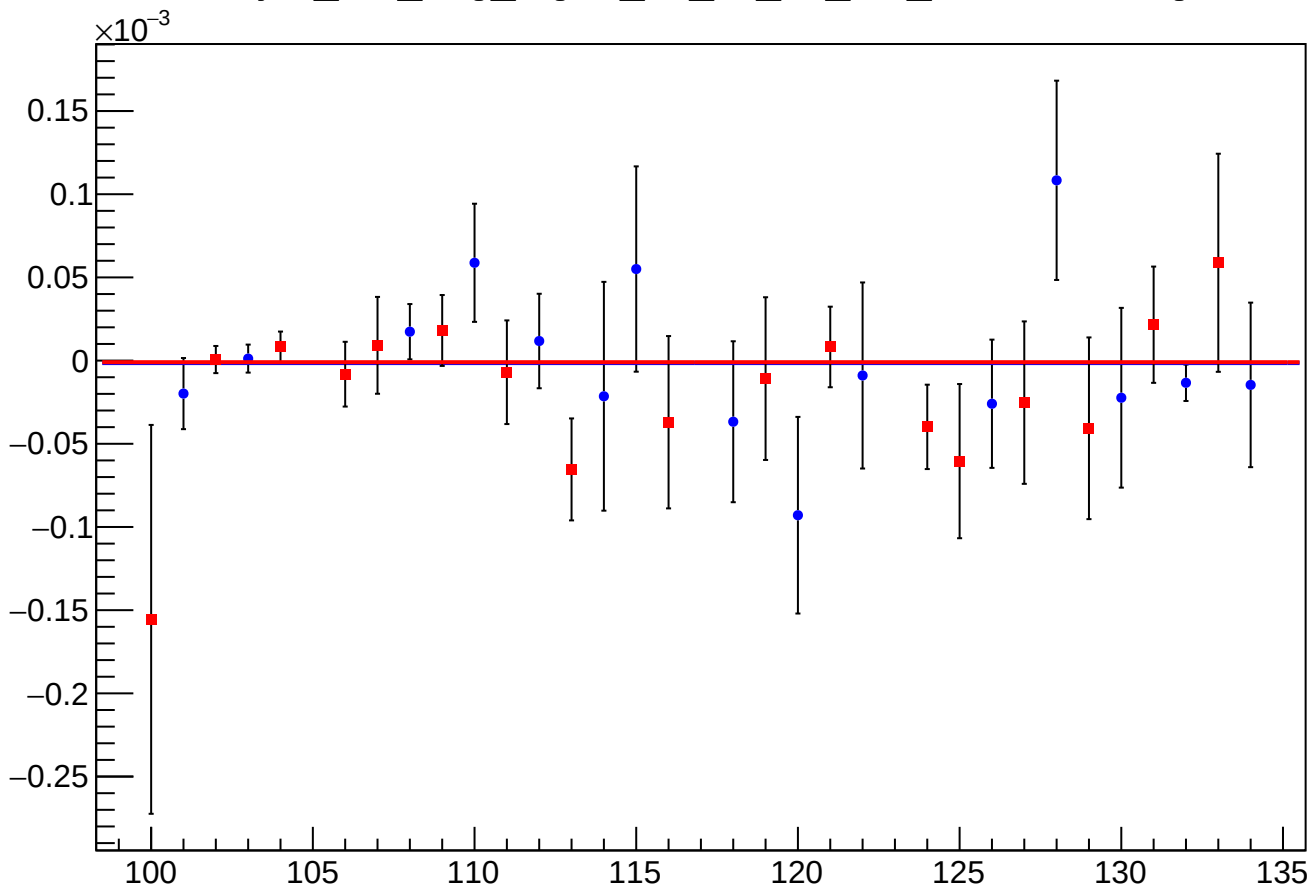
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 287.784+/-0.062 χ^2/NDF : 2605113.3/31

- 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 $\pm$ 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: 15.0/16

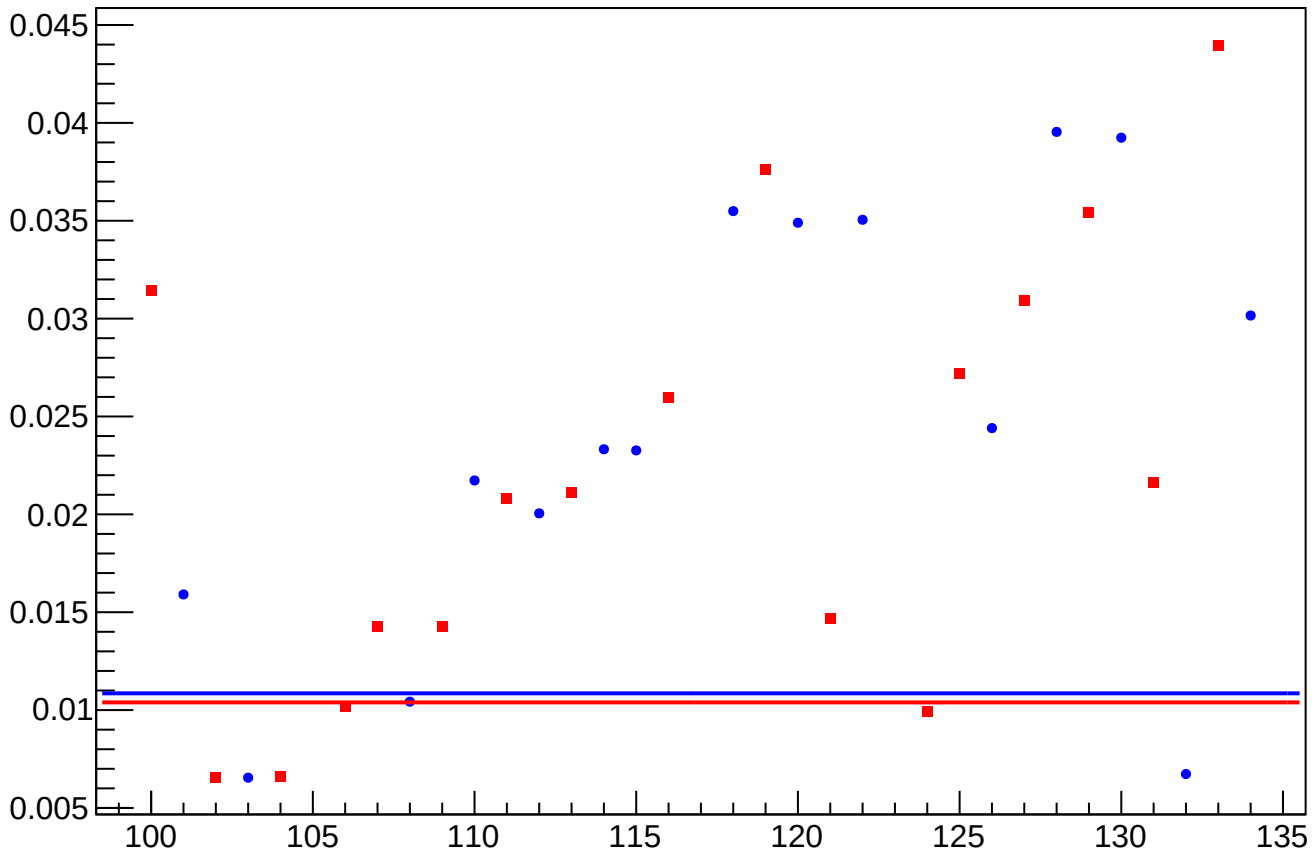
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 29.3/31

- sign 0.000 $\pm$ 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: 0.010+/-0.000 χ^2/NDF : 4039997.8/16

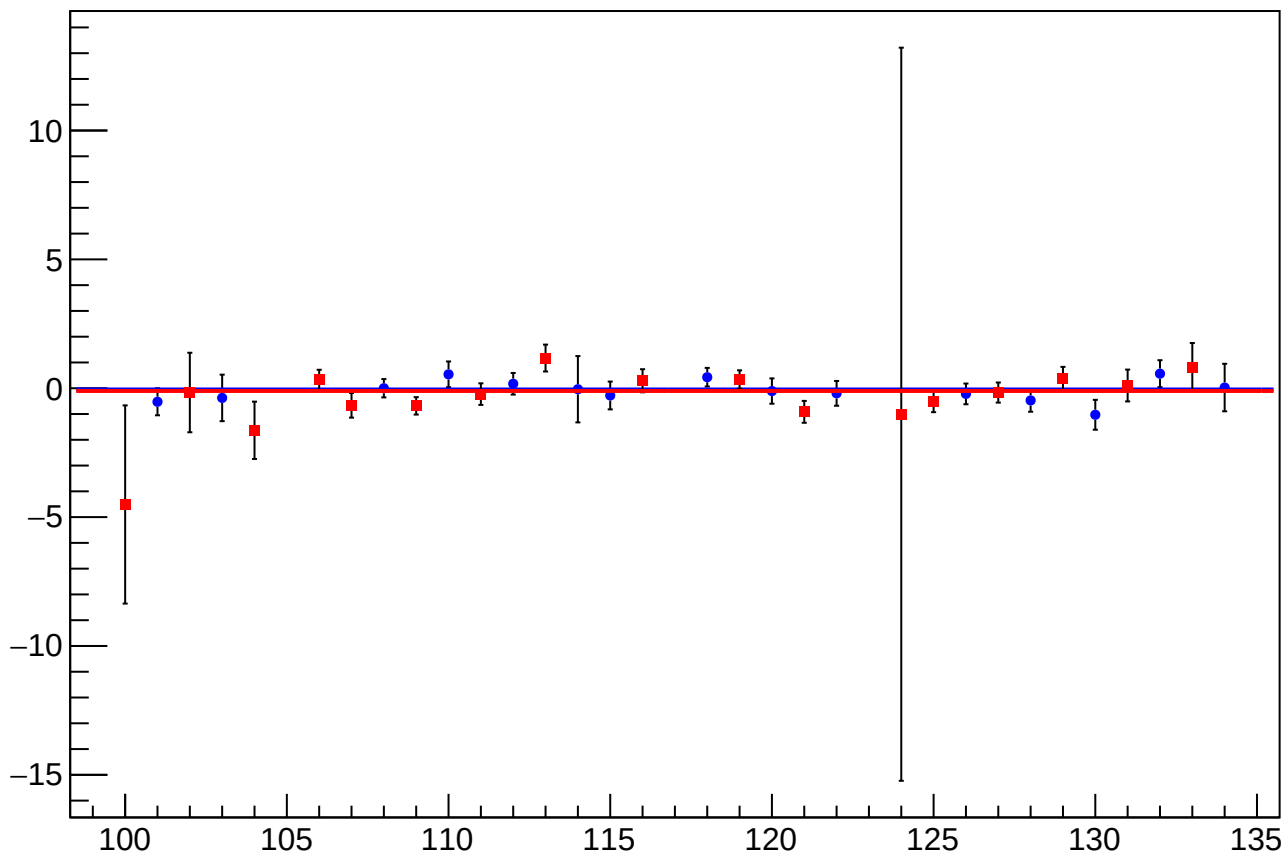
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 8301418.9/31

- 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: -0.105 ± 0.120 χ^2/NDF : 24.0/16

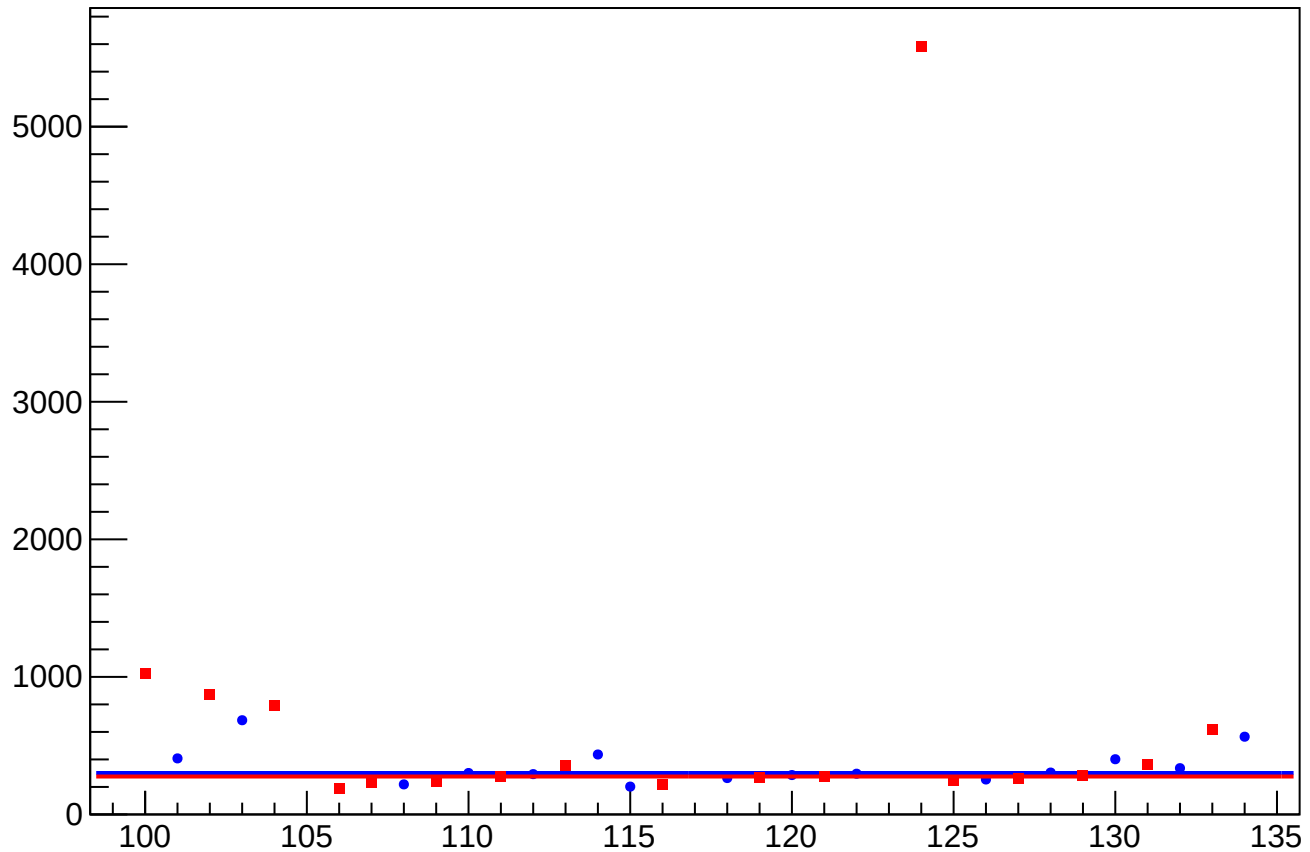
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.079 ± 0.087 χ^2/NDF : 34.1/31

- 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: 275.825+/-0.085 χ^2/NDF : 1638004.8/16

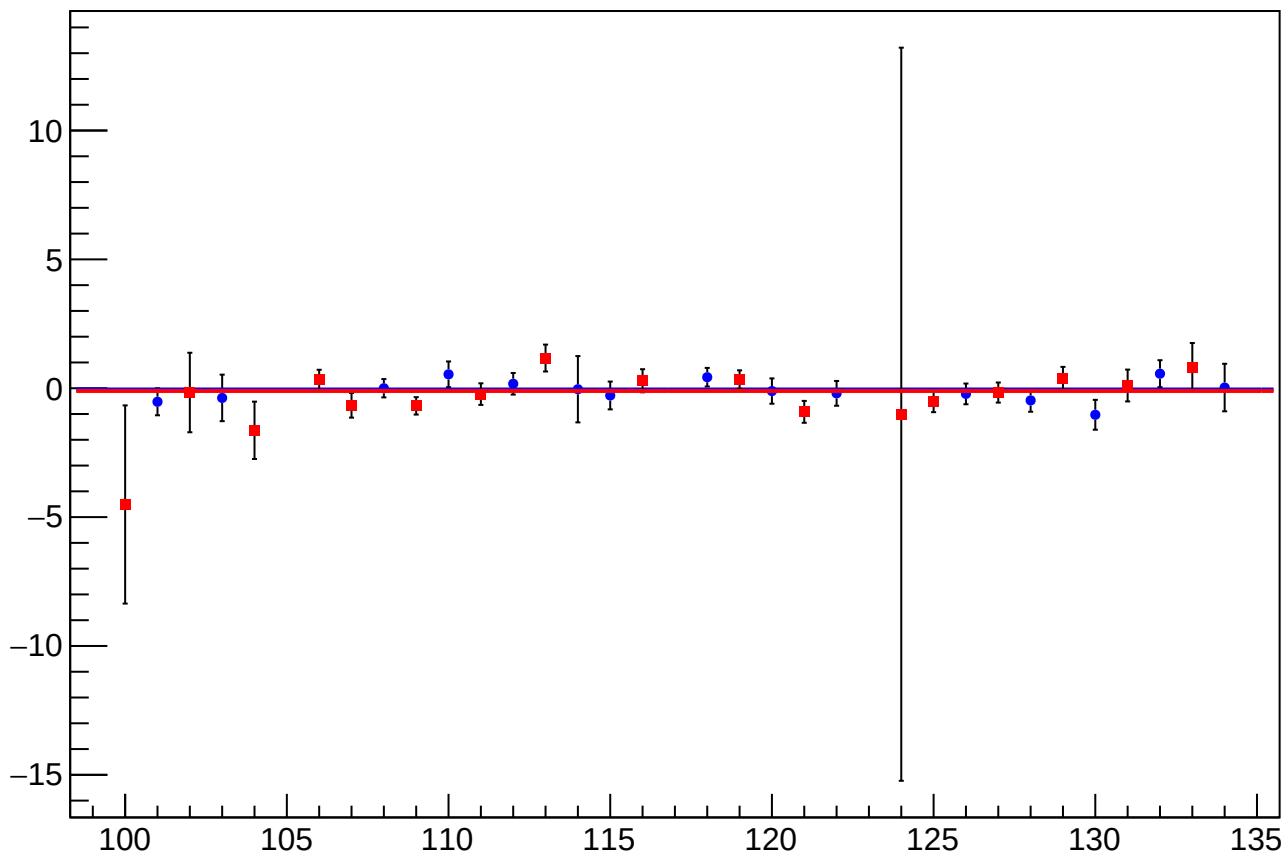
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 287.783+/-0.062 χ^2/NDF : 2605033.2/31

- 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: -0.105 ± 0.120 χ^2/NDF : 24.0/16

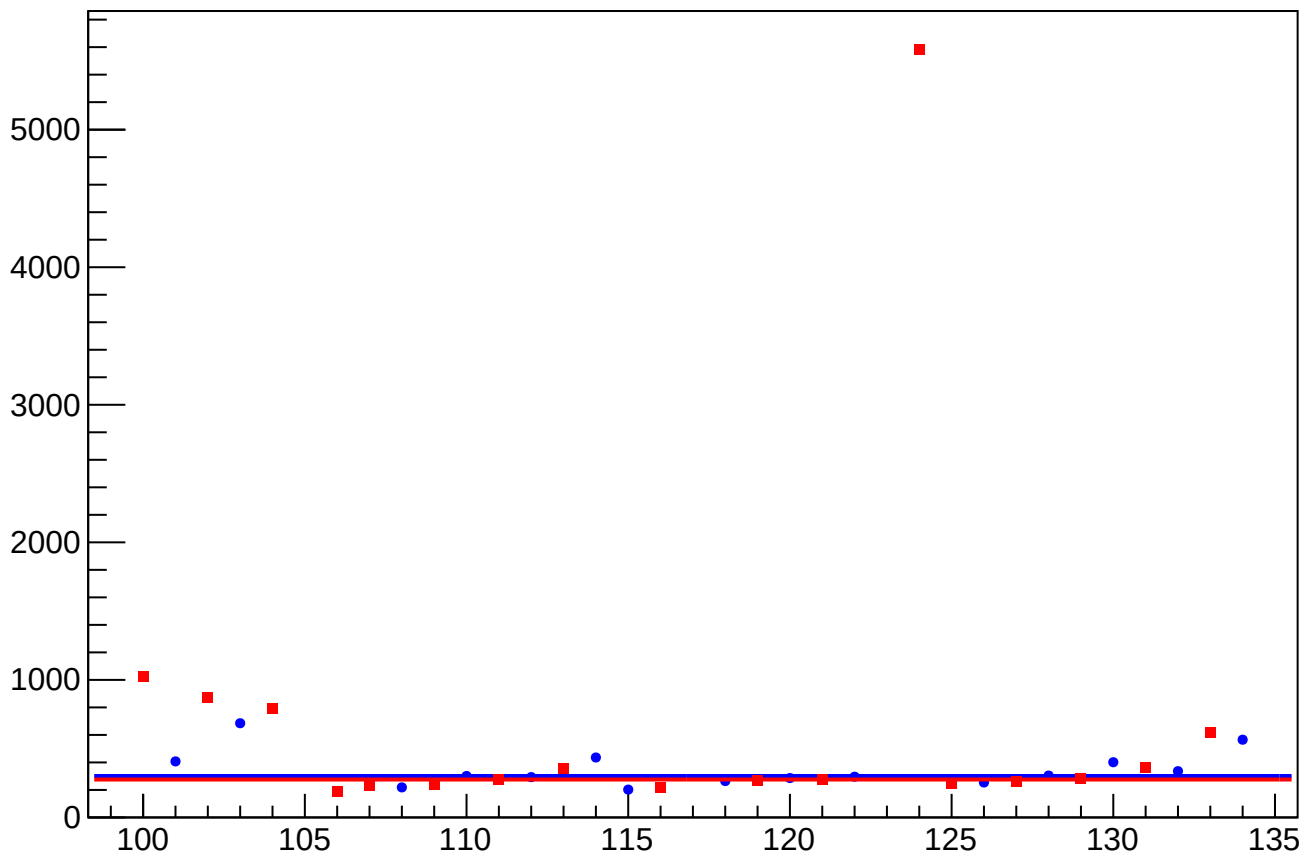
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.079 ± 0.087 χ^2/NDF : 34.1/31

- 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: 275.825+/-0.085 χ^2/NDF : 1638004.8/16

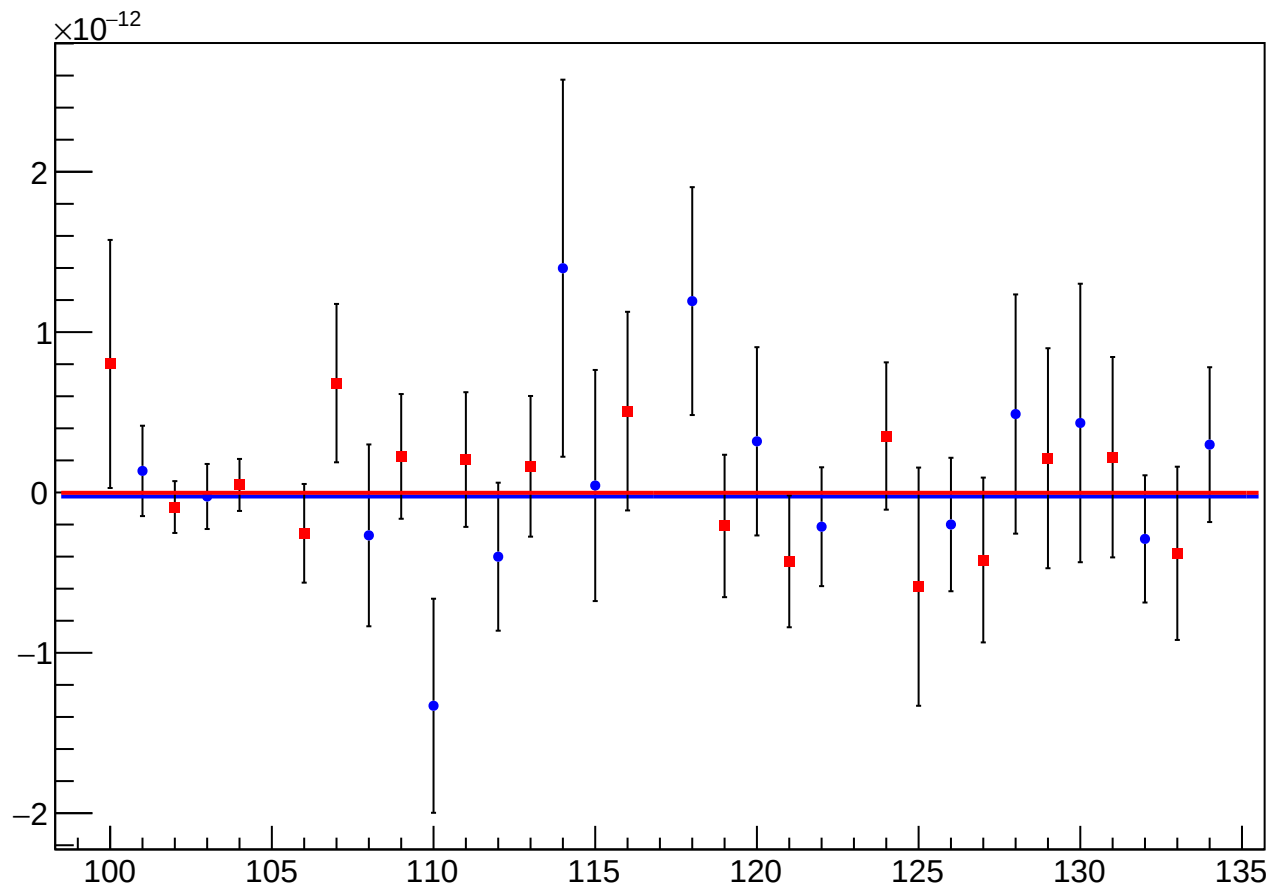
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 287.783+/-0.062 χ^2/NDF : 2605033.2/31

- 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 $\pm$ 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: 9.4/16

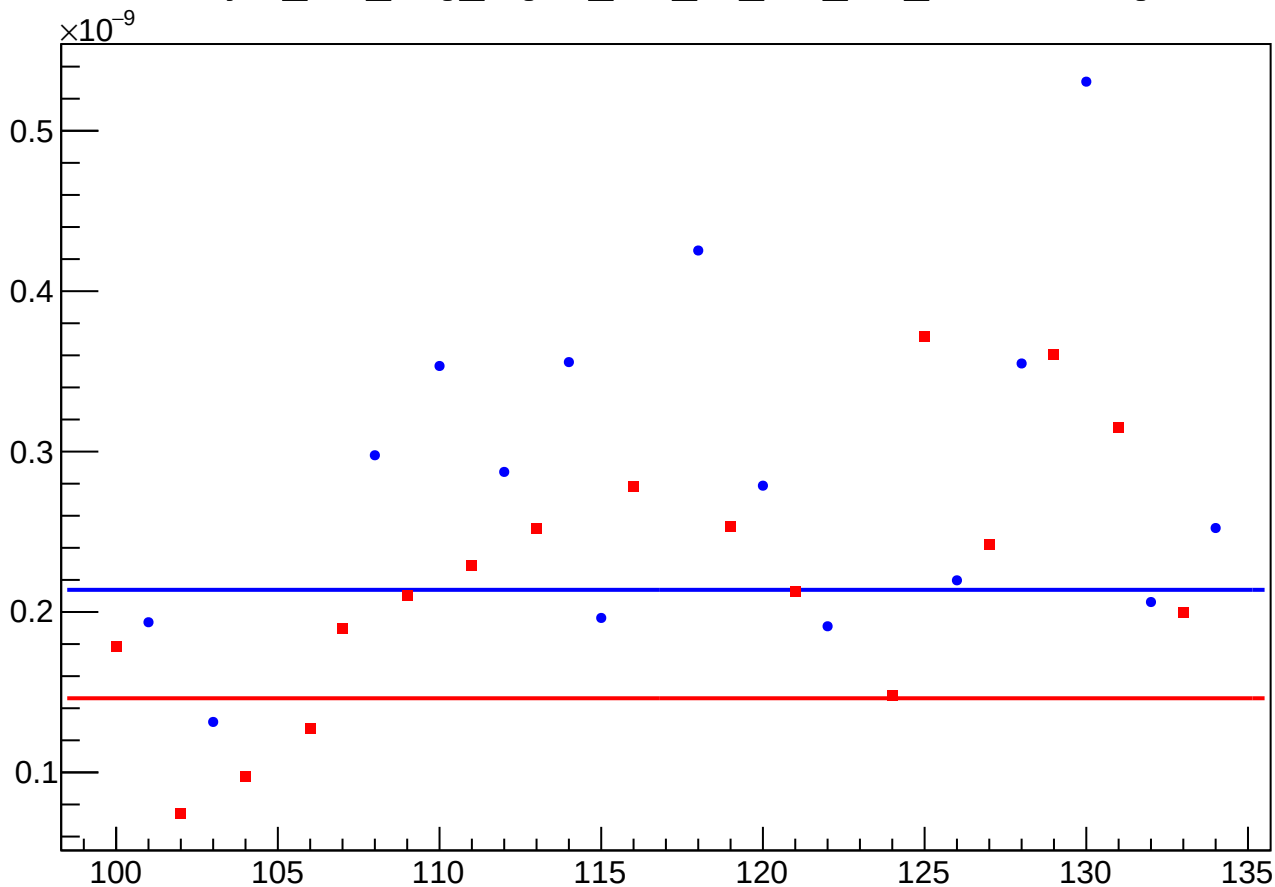
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.2/31

- sign 0.000 $\pm$ 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 : 1726441.8/16

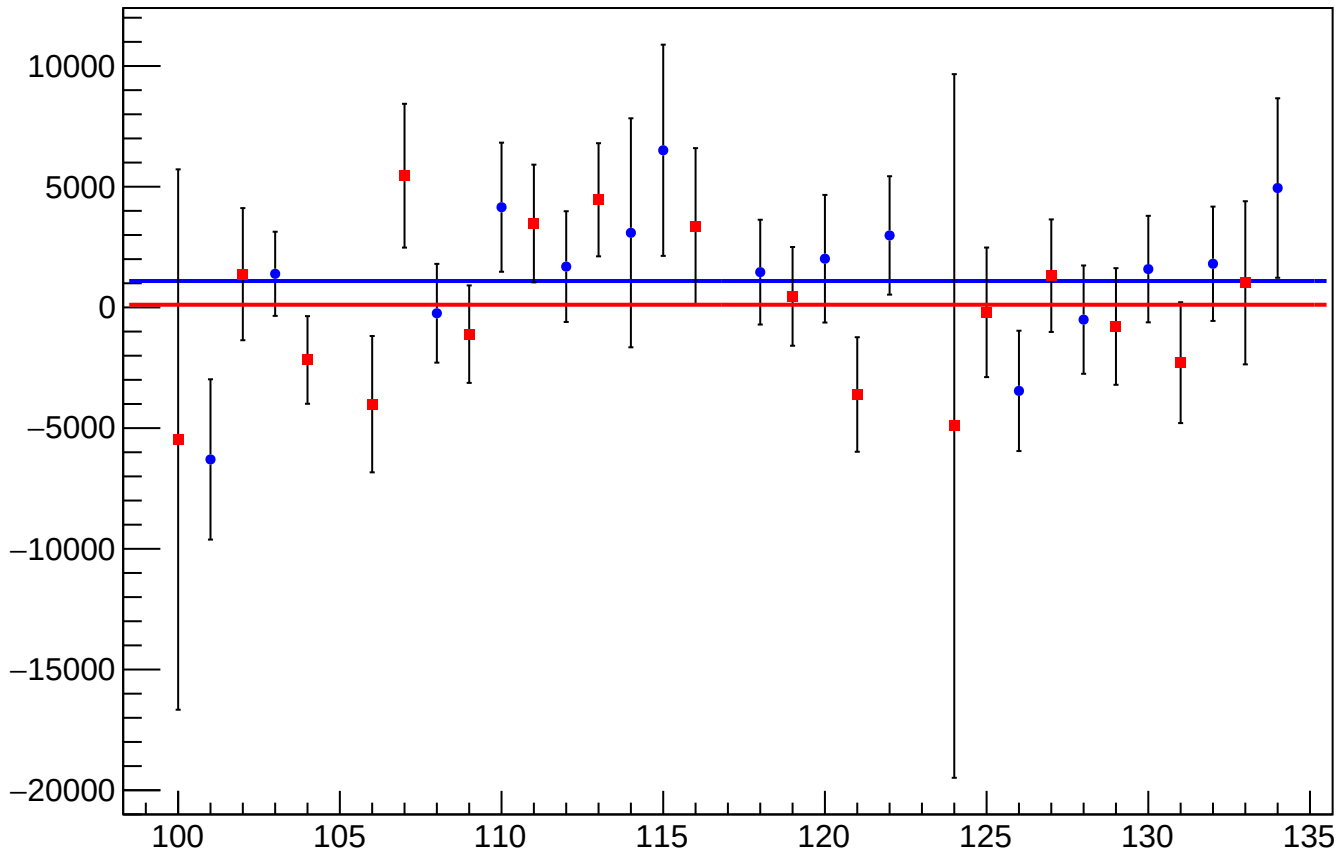
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3312081.2/31

- 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: 111.166+/-627.890 χ^2 /NDF: 18.1/16

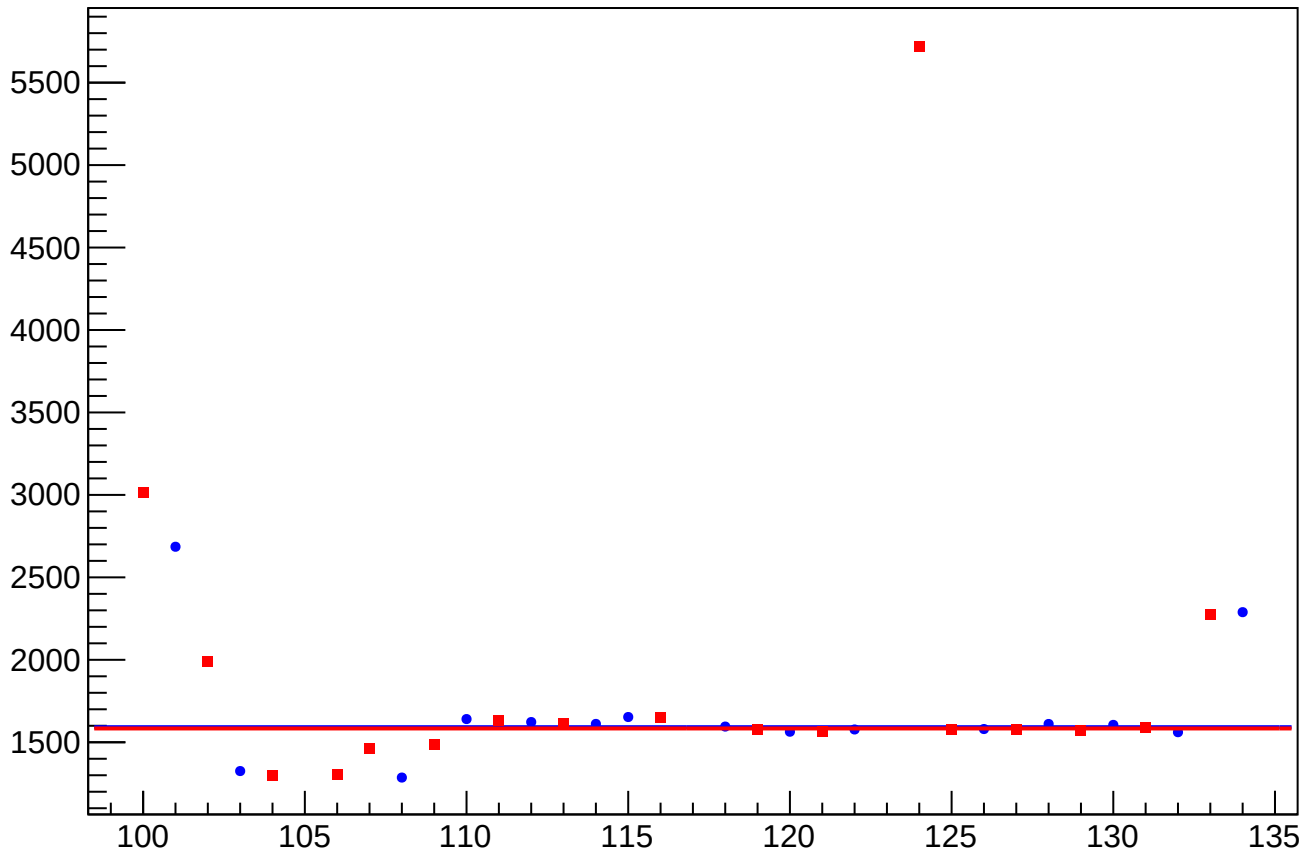
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 591.696+/-449.031 χ^2 /NDF: 33.6/31

- 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

Right Out: 1583.715+/-0.444 χ^2/NDF : 399729.3/16

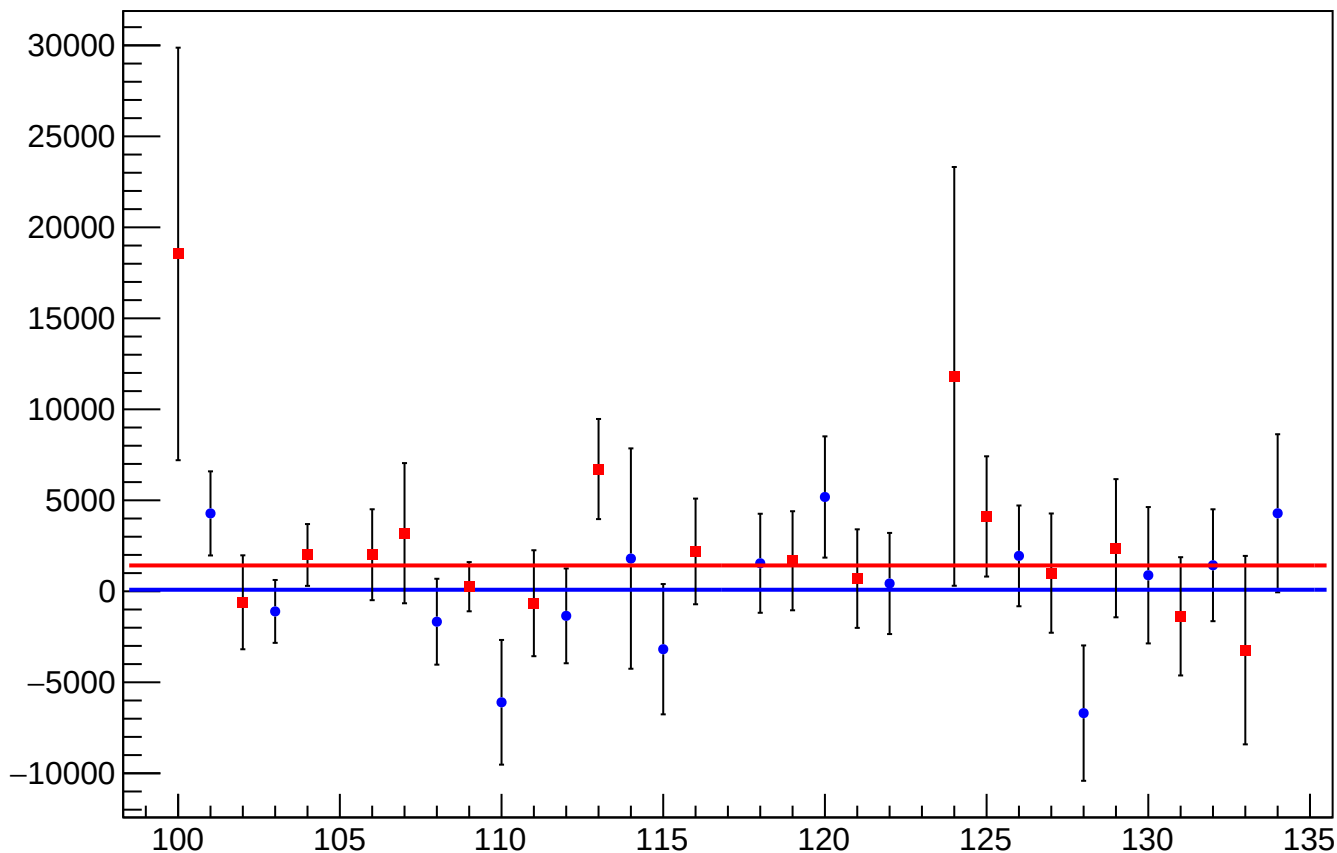
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1587.543+/-0.318 χ^2/NDF : 781040.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_reg_correction_mean vs Slug



Right In: 85.478 $\pm$ 739.803 χ^2 /NDF: 16.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1421.049 $\pm$ 657.543 χ^2 /NDF: 11.5/16

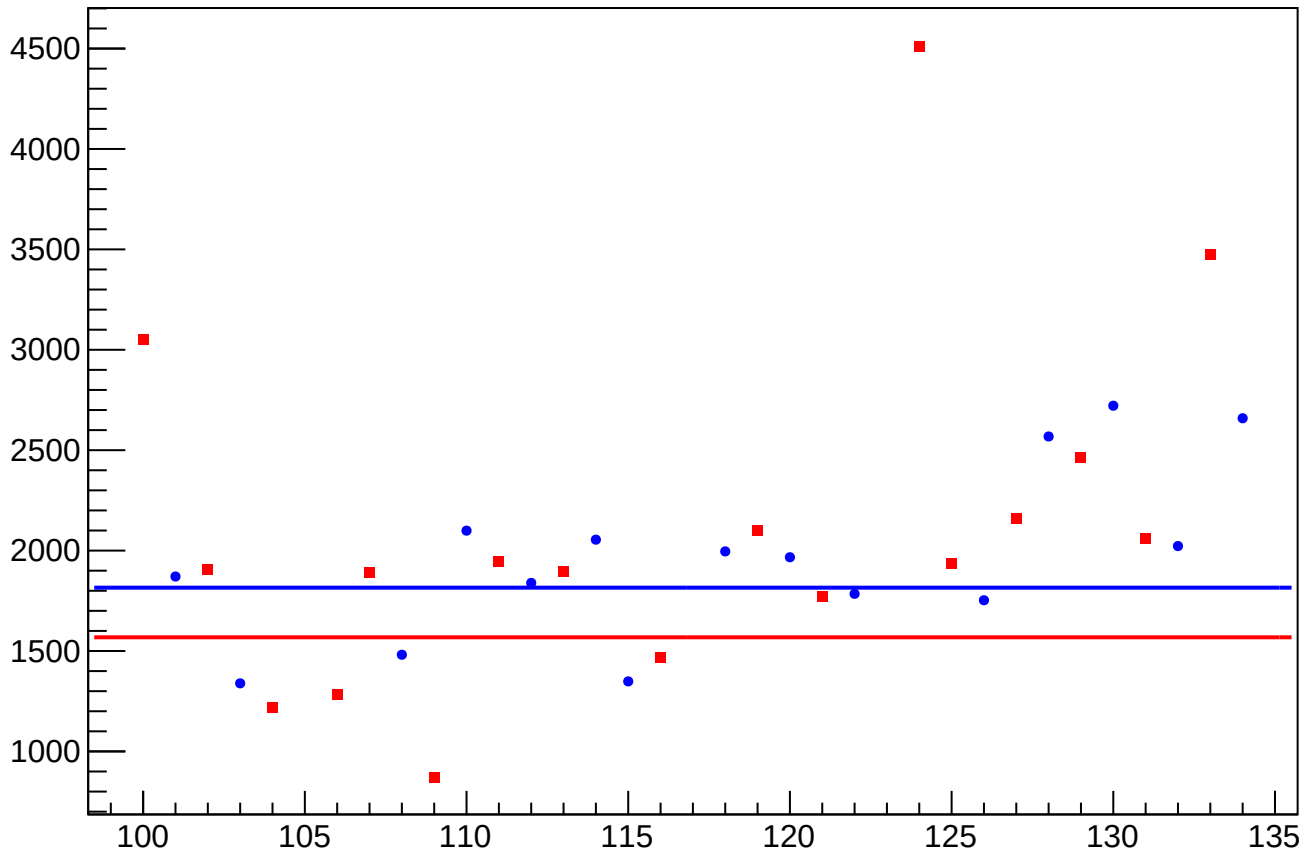
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 831.615 $\pm$ 491.473 χ^2 /NDF: 29.7/31

- sign 0.000 $\pm$ 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

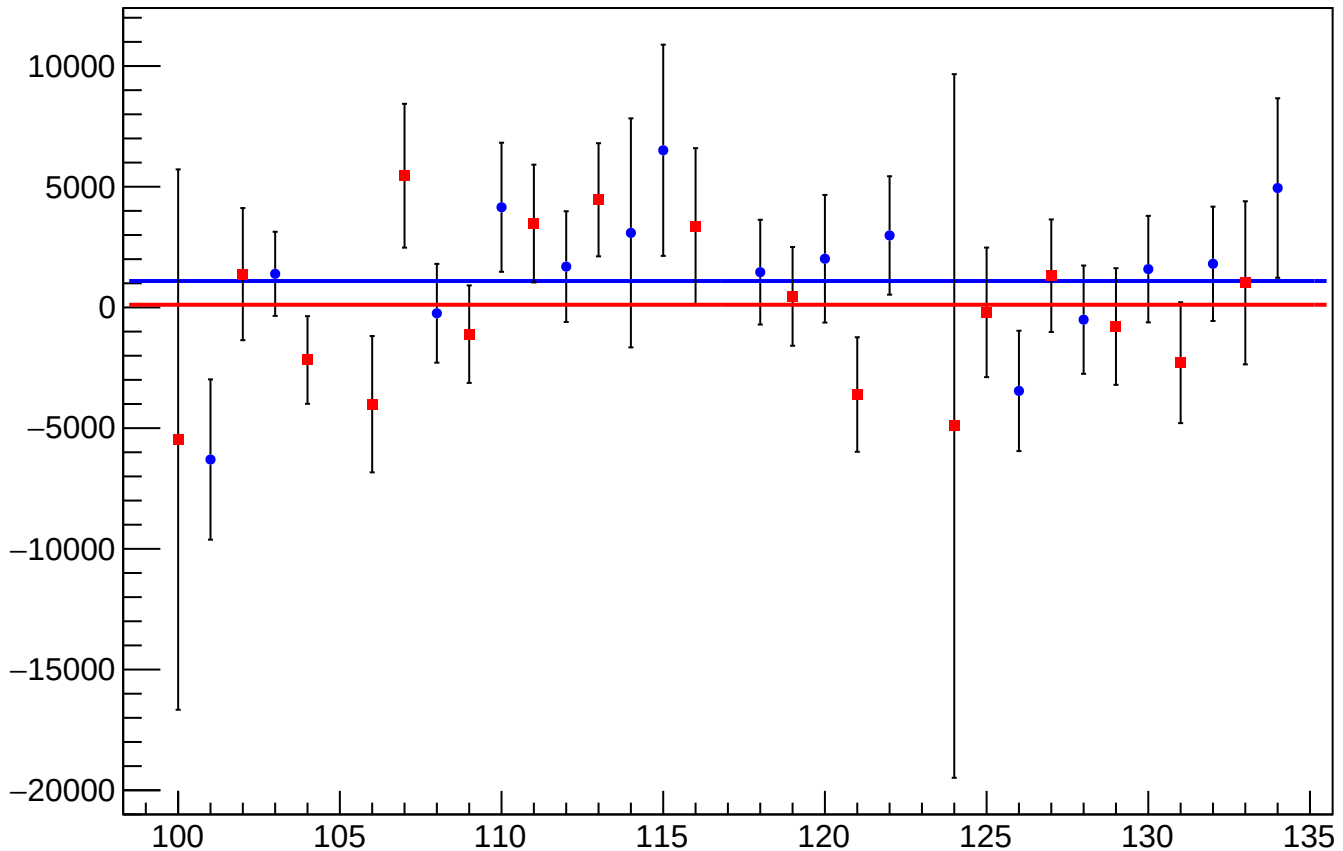
Right Out: 1568.221+/-0.465 χ^2/NDF : 1526828.4/16

All: 1677.336+/-0.348 χ^2/NDF : 2193645.7/31

- 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_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: 111.397 $\pm$ 627.890 χ^2 /NDF: 18.1/16

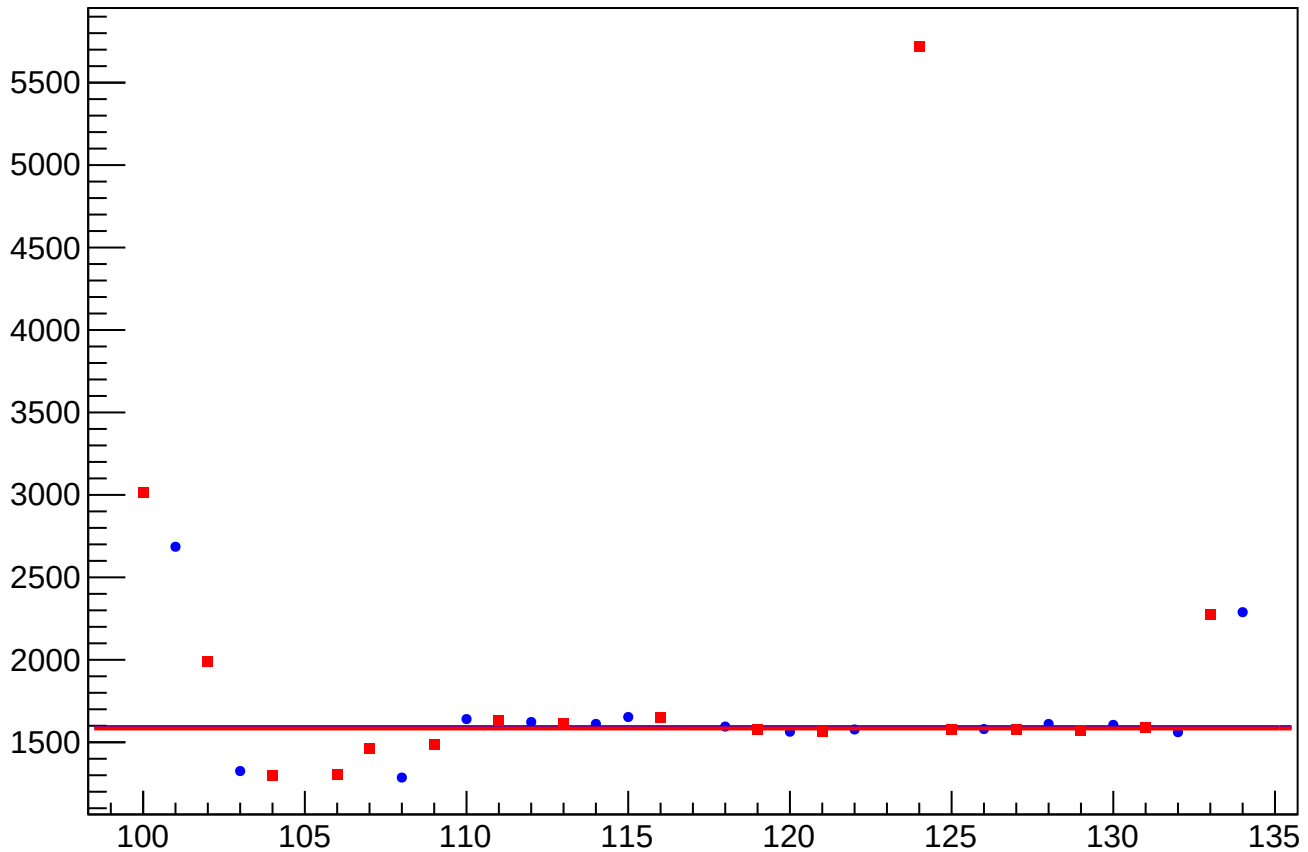
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 591.744 $\pm$ 449.031 χ^2 /NDF: 33.6/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_at2_dd_rms vs Slug



Right In: 1591.550 $\pm$ 0.454 χ^2 /NDF: 381159.6/14

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

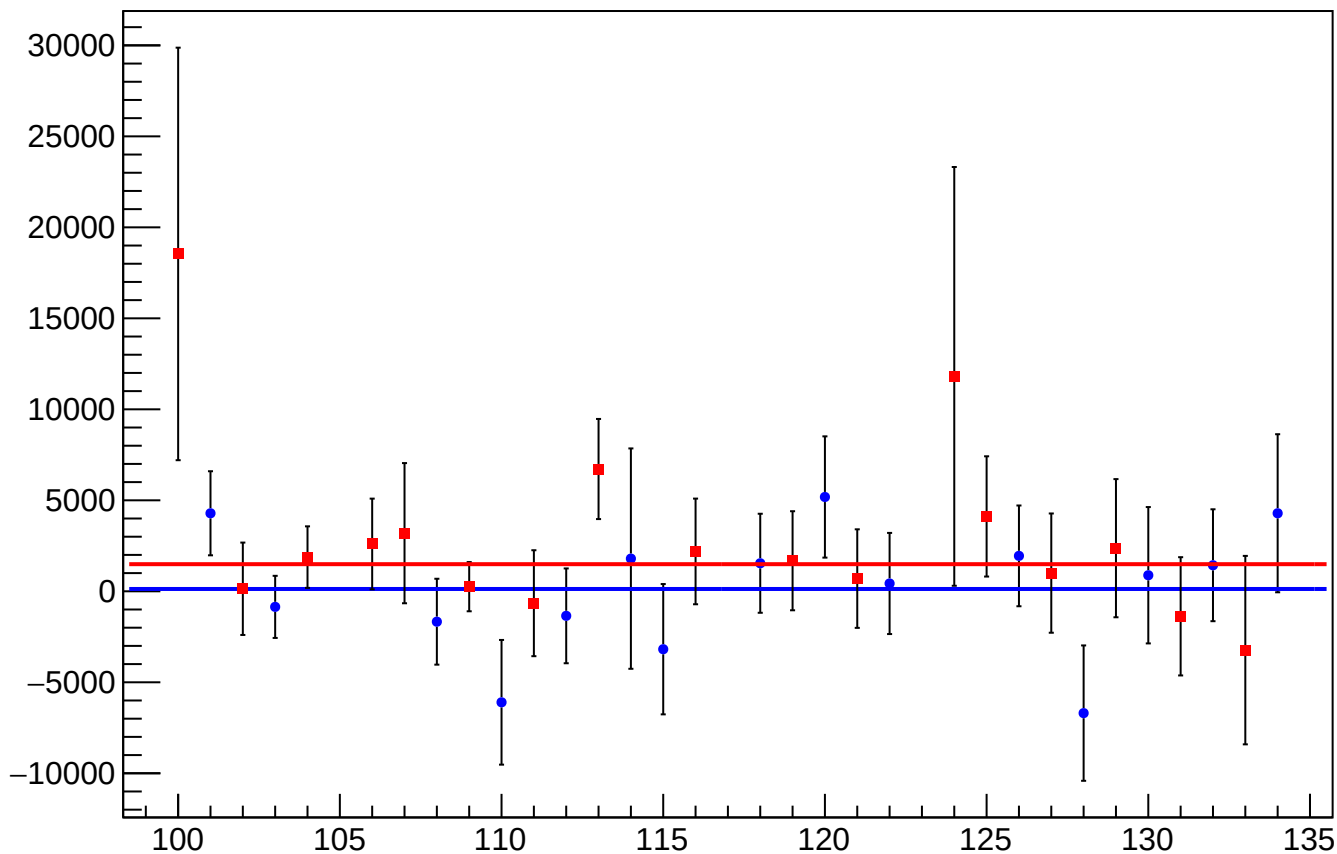
Right Out: 1583.715 $\pm$ 0.444 χ^2 /NDF: 399729.2/16

All: 1587.543 $\pm$ 0.318 χ^2 /NDF: 781041.0/31

- 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_at2_dd_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: 1490.551 $\pm$ -656.278 χ^2 /NDF: 11.3/16

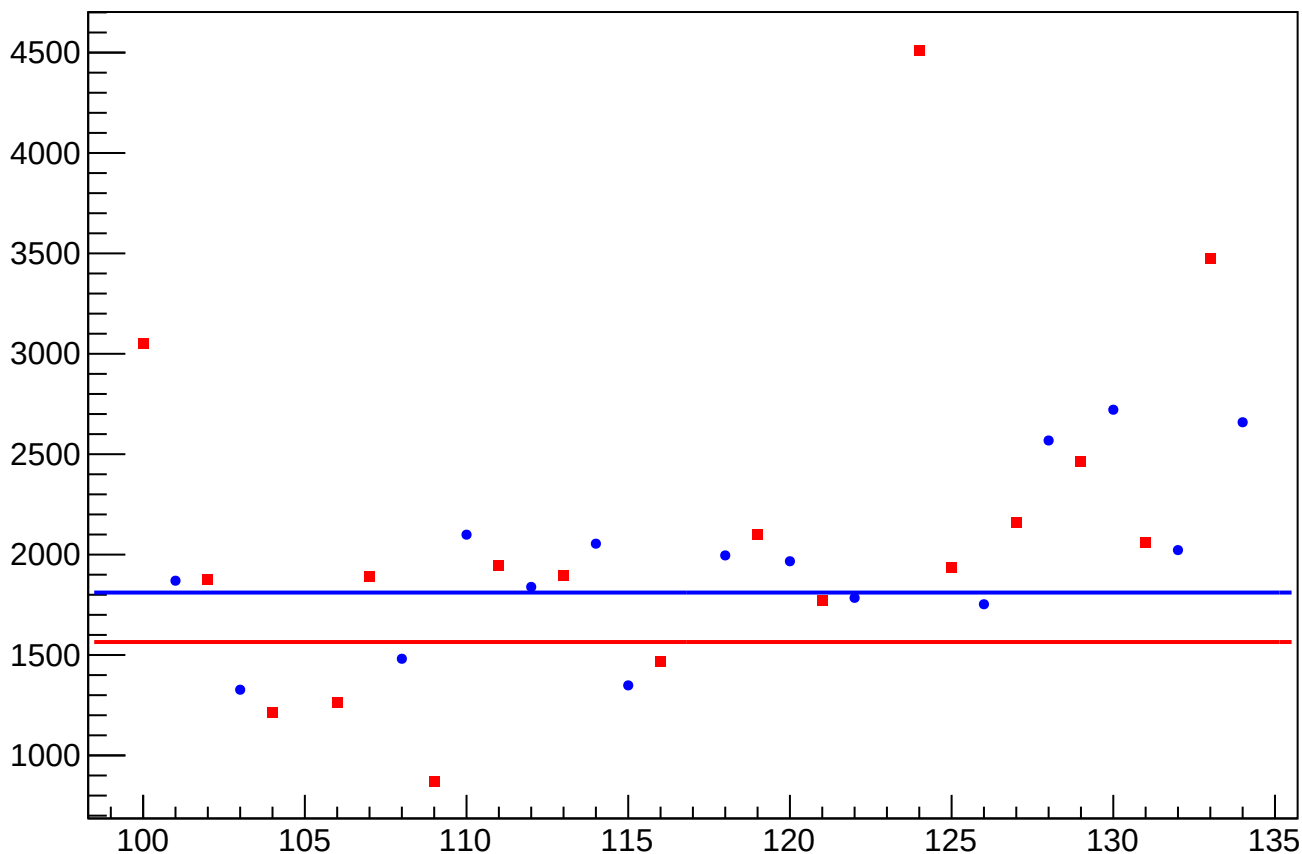
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: 888.800 $\pm$ -490.442 χ^2 /NDF: 29.4/31

- sign 0.000 $\pm$ -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

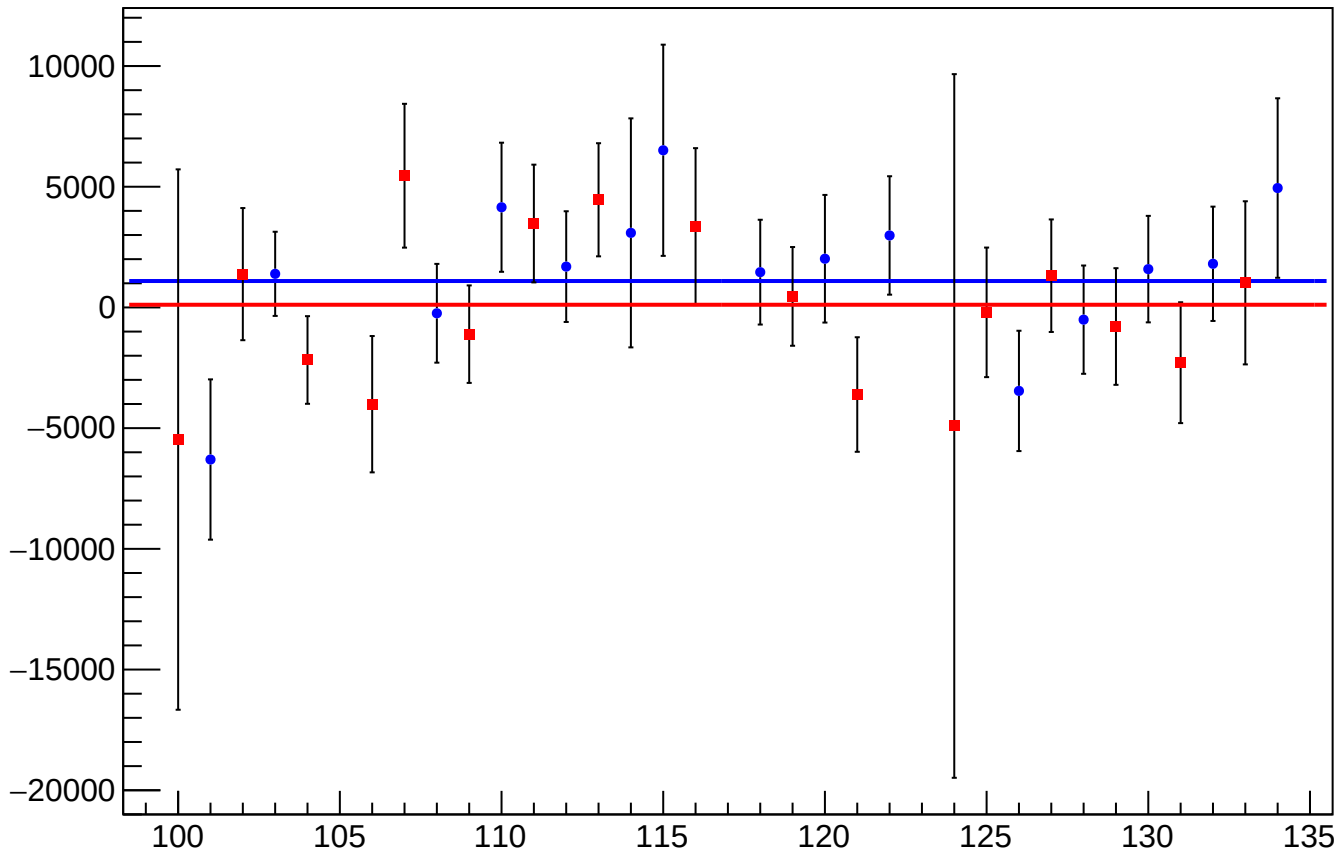
Right Out: 1564.663+/-0.464 χ^2/NDF : 1528108.6/16

All: 1673.429+/-0.347 χ^2/NDF : 2206028.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at2_dd_mean vs Slug



Right In: 1094.566+/-642.411 χ^2 /NDF: 14.3/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 111.397+/-627.890 χ^2 /NDF: 18.1/16

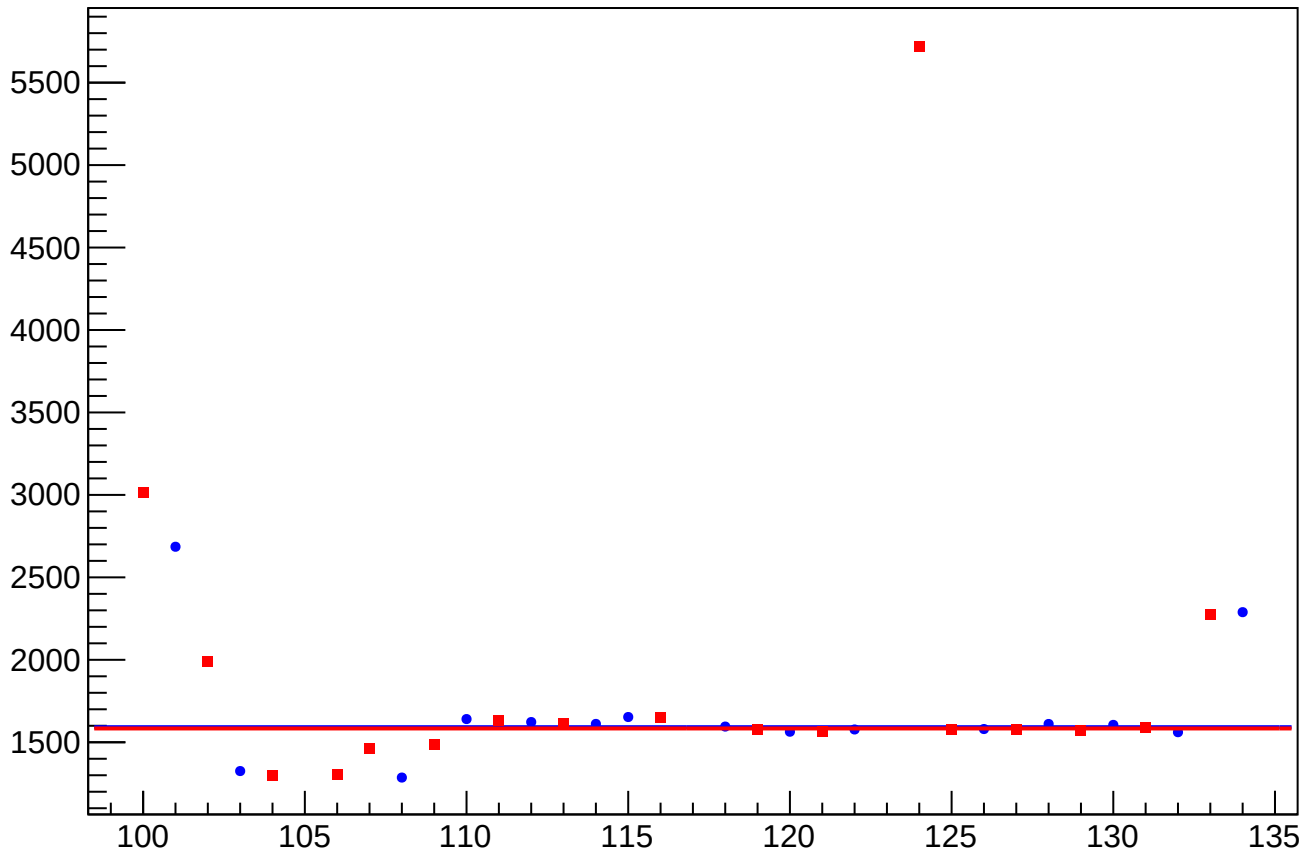
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 591.744+/-449.031 χ^2 /NDF: 33.6/31

- sign 0.000+/-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

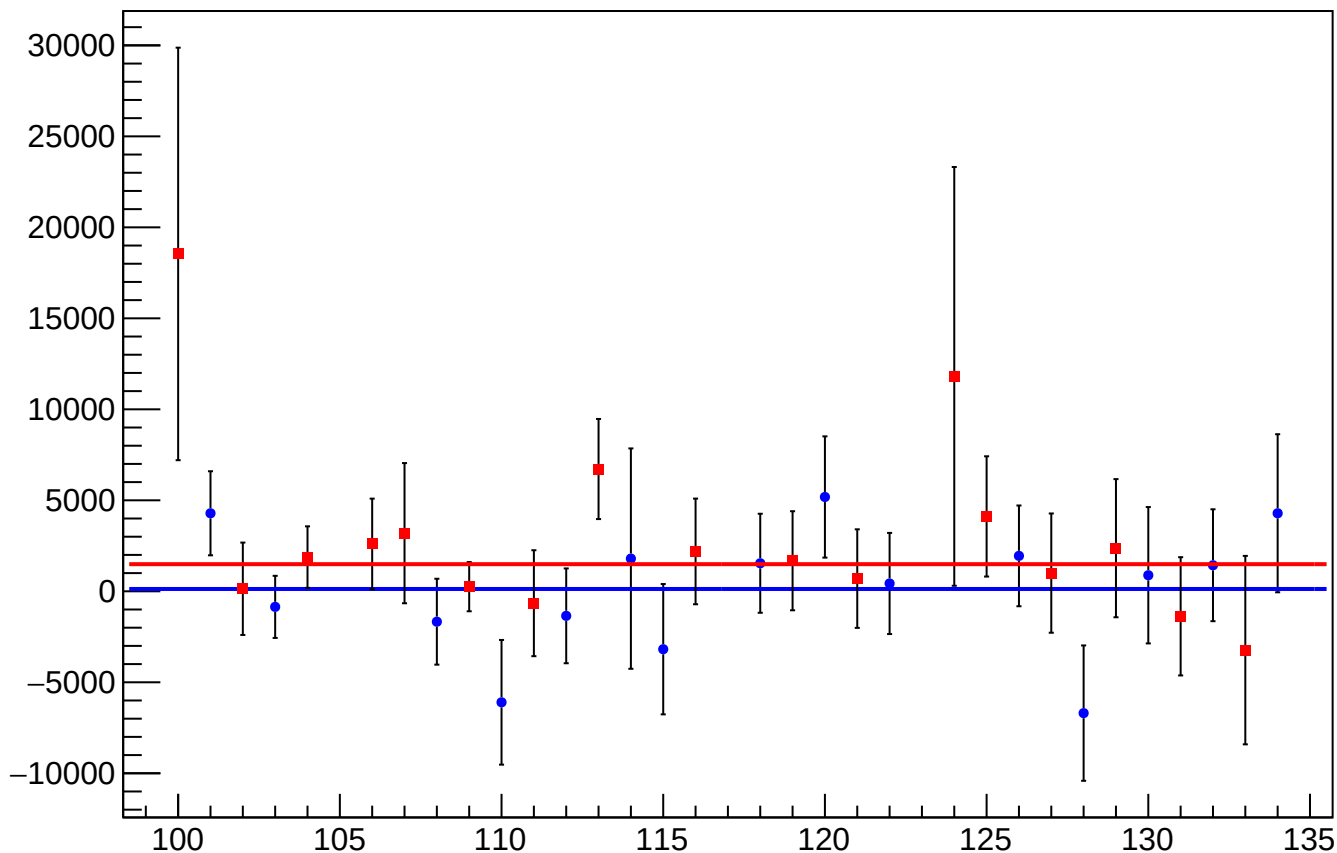
Right Out: 1583.715+/-0.444 χ^2/NDF : 399729.2/16

All: 1587.543+/-0.318 χ^2/NDF : 781041.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_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: 1490.551+/-656.278 χ^2/NDF : 11.3/16

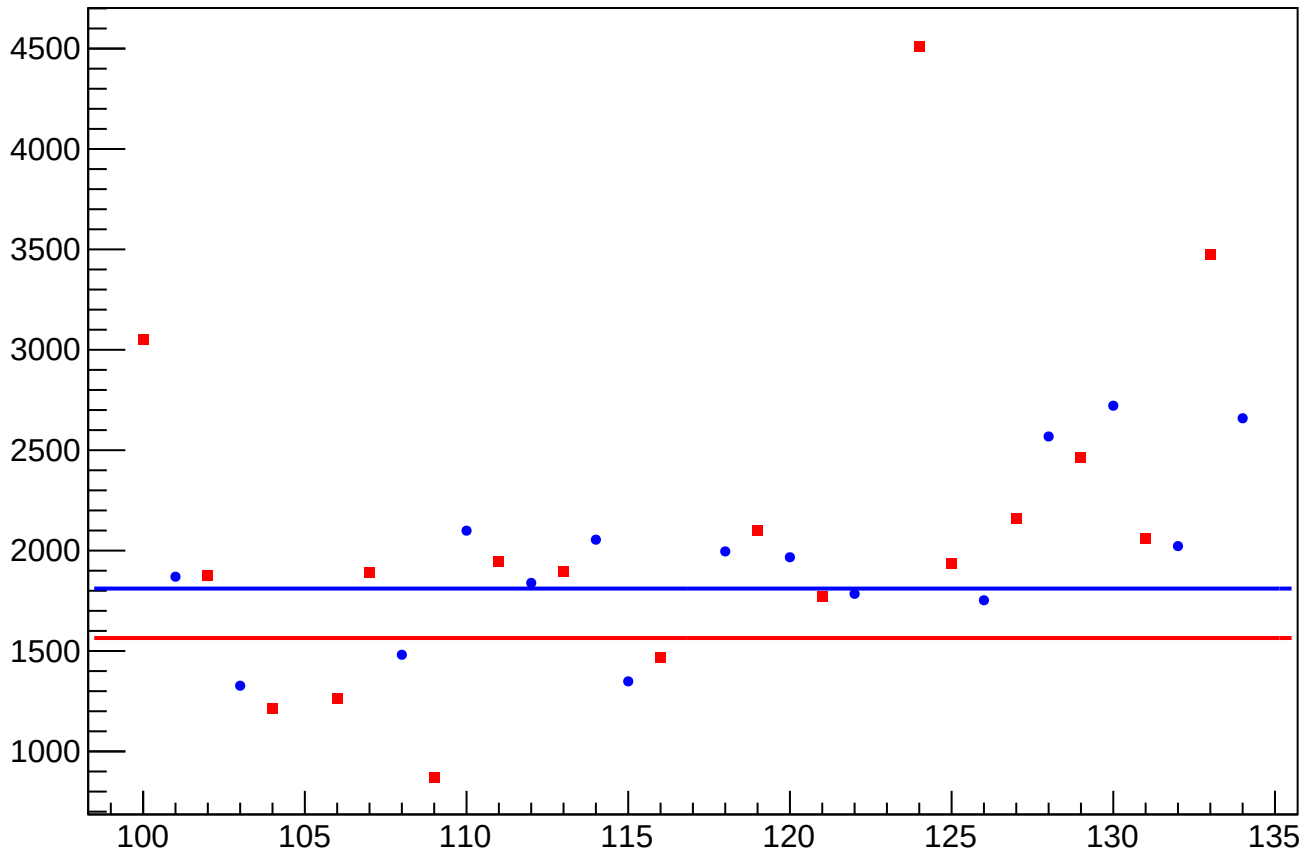
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 888.800+/-490.442 χ^2/NDF : 29.4/31

- sign 0.000+/-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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

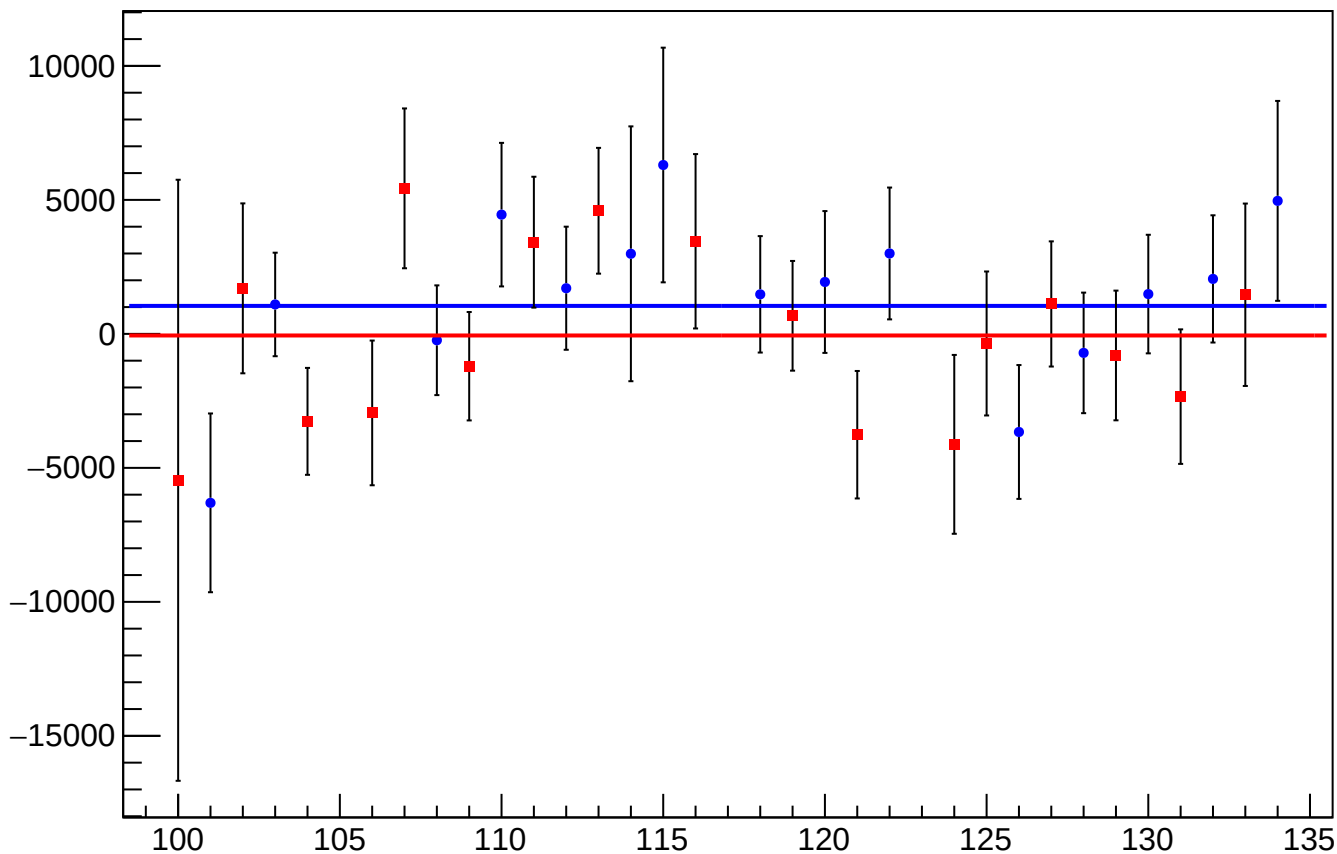
Right Out: 1564.663+/-0.464 χ^2/NDF : 1528108.6/16

All: 1673.429+/-0.347 χ^2/NDF : 2206028.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at2_dd_mean vs Slug



Right In: 1044.327 $\pm$ 651.851 χ^2 /NDF: 14.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -59.480 $\pm$ 627.538 χ^2 /NDF: 20.5/16

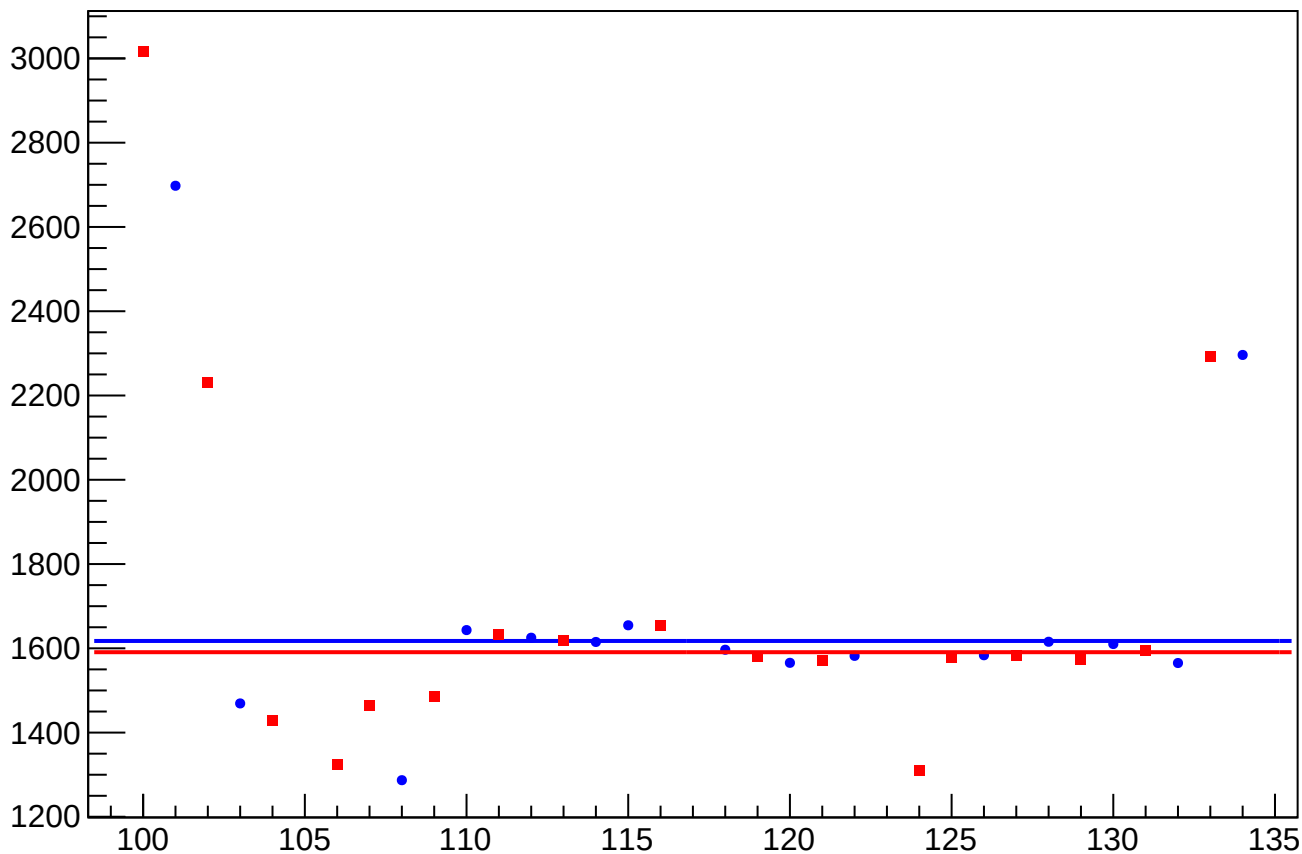
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 471.456 $\pm$ 452.087 χ^2 /NDF: 36.8/31

- sign 0.000 $\pm$ 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: 1590.806+/-0.444 χ^2/NDF : 255999.9/16

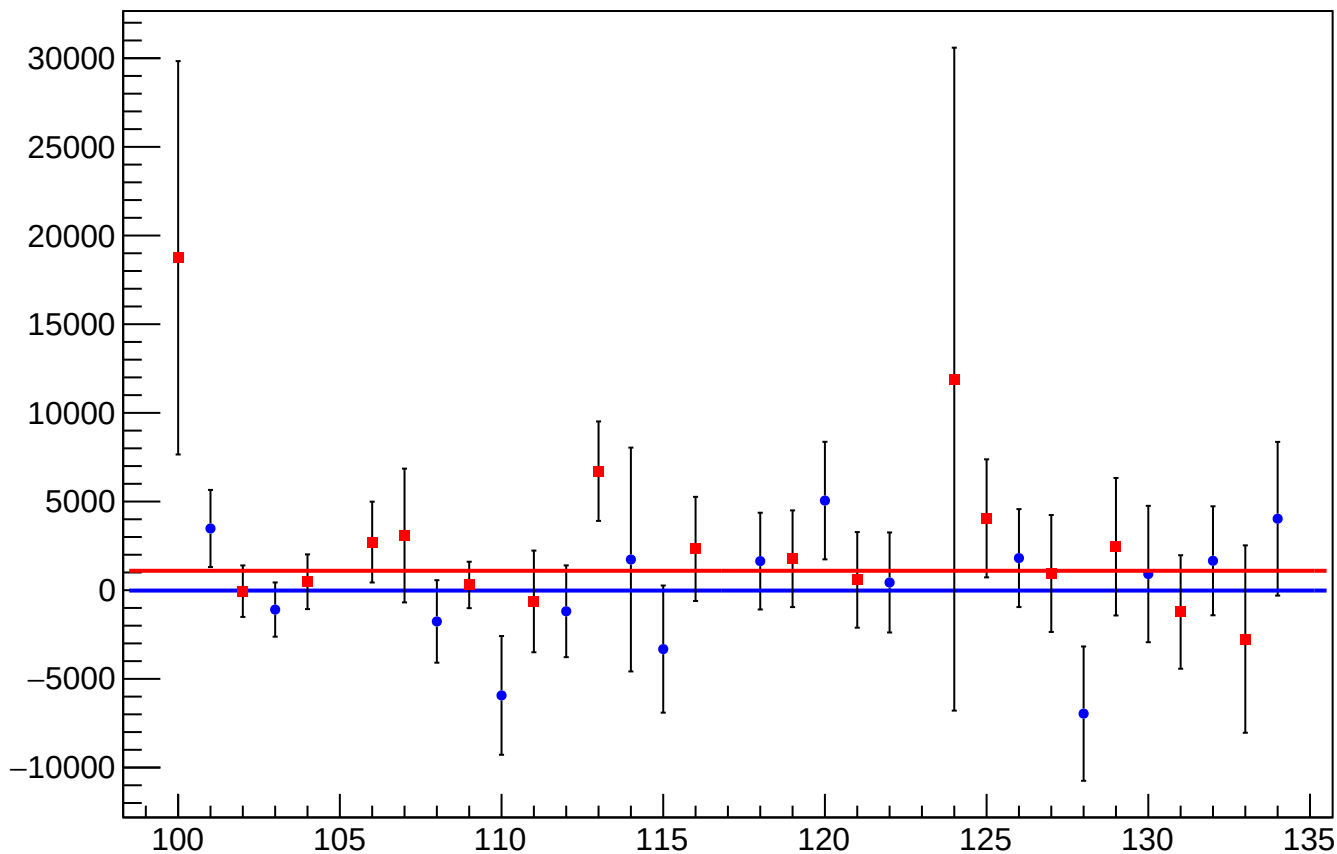
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1603.629+/-0.320 χ^2/NDF : 600742.2/31

- 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: 1095.516+/-600.672 χ^2/NDF : 11.4/16

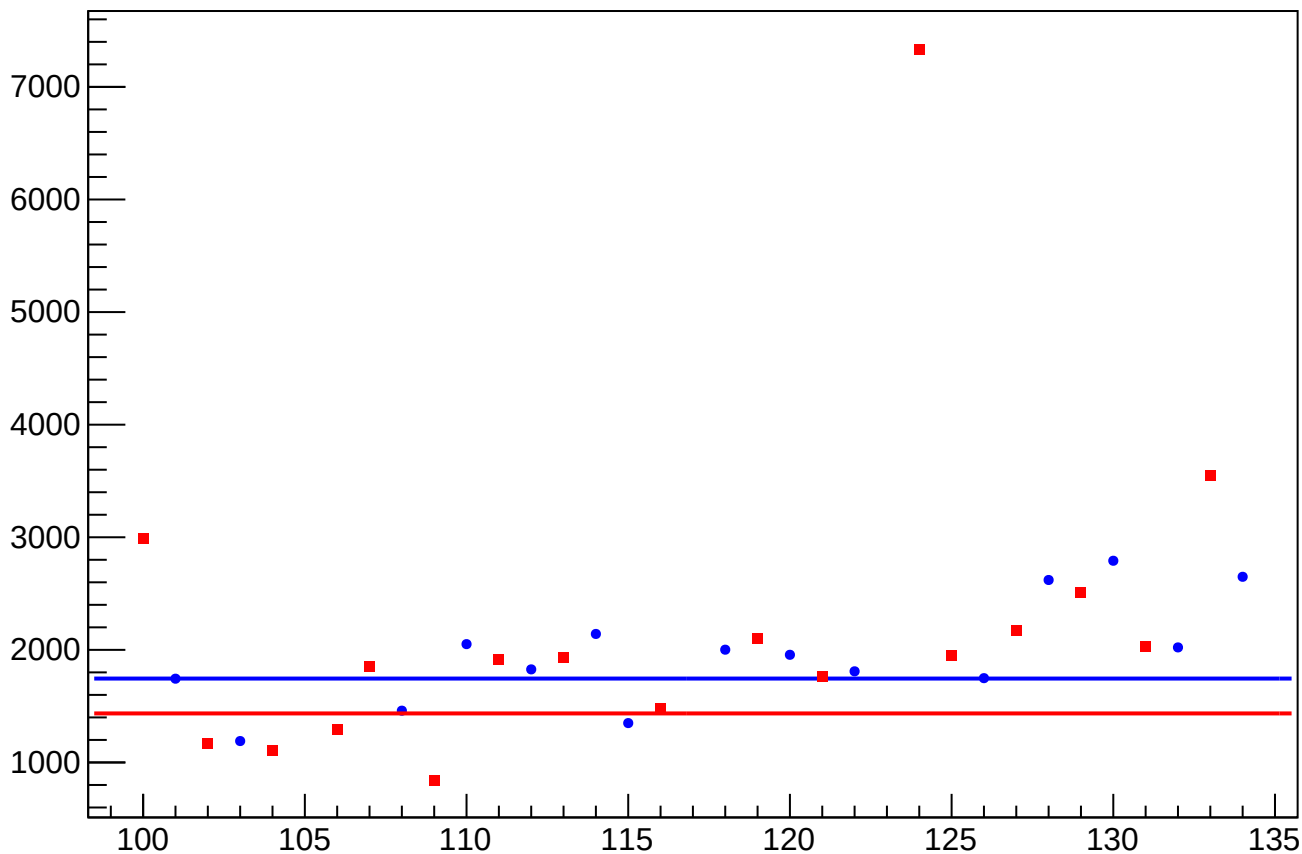
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 635.631+/-460.525 χ^2/NDF : 28.5/31

- 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

Right Out: 1435.438+/-0.425 χ^2/NDF : 1802583.9/16

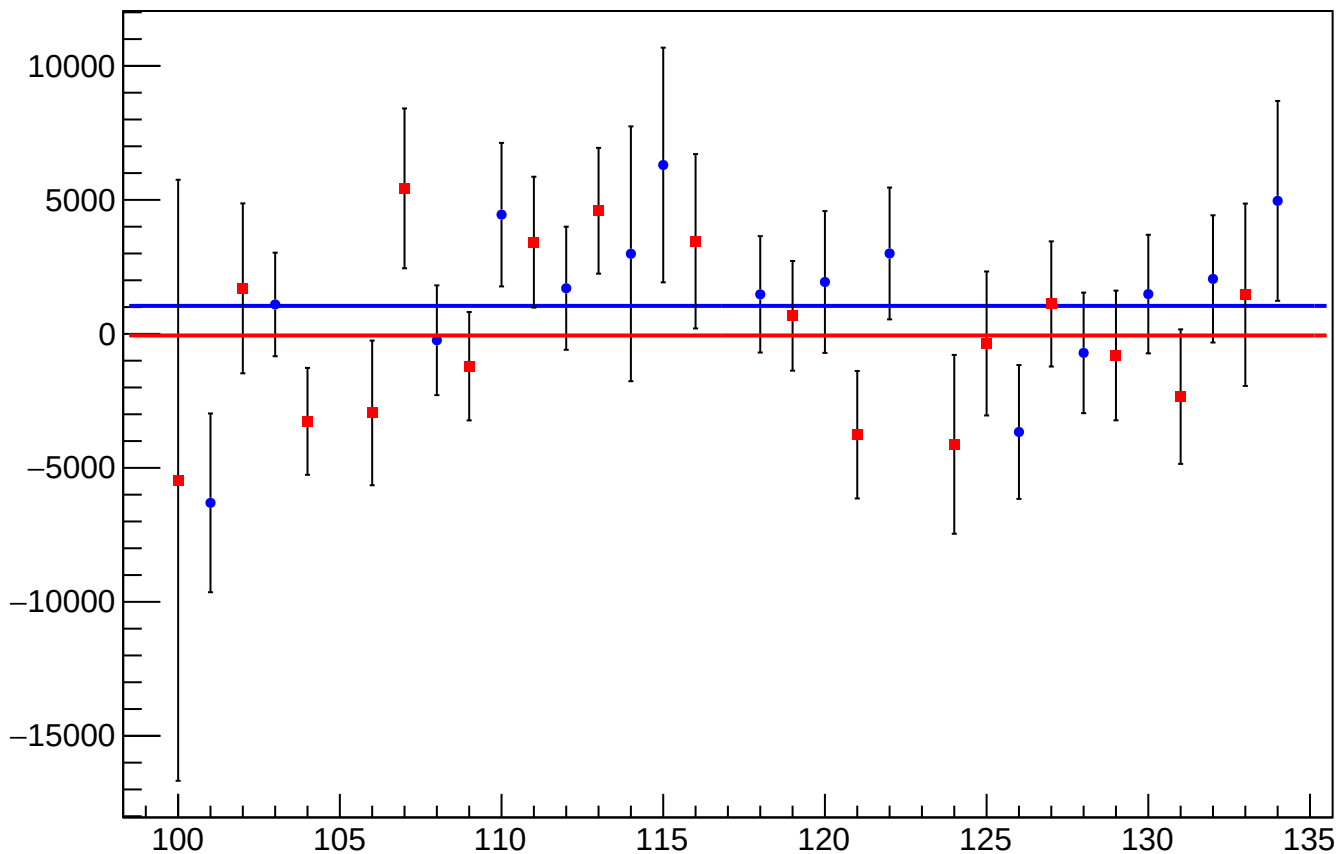
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1563.083+/-0.326 χ^2/NDF : 2750854.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at2_dd_mean vs Slug



Right In: 1044.321 $\pm$ 651.850 χ^2 /NDF: 14.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -59.484 $\pm$ 627.538 χ^2 /NDF: 20.5/16

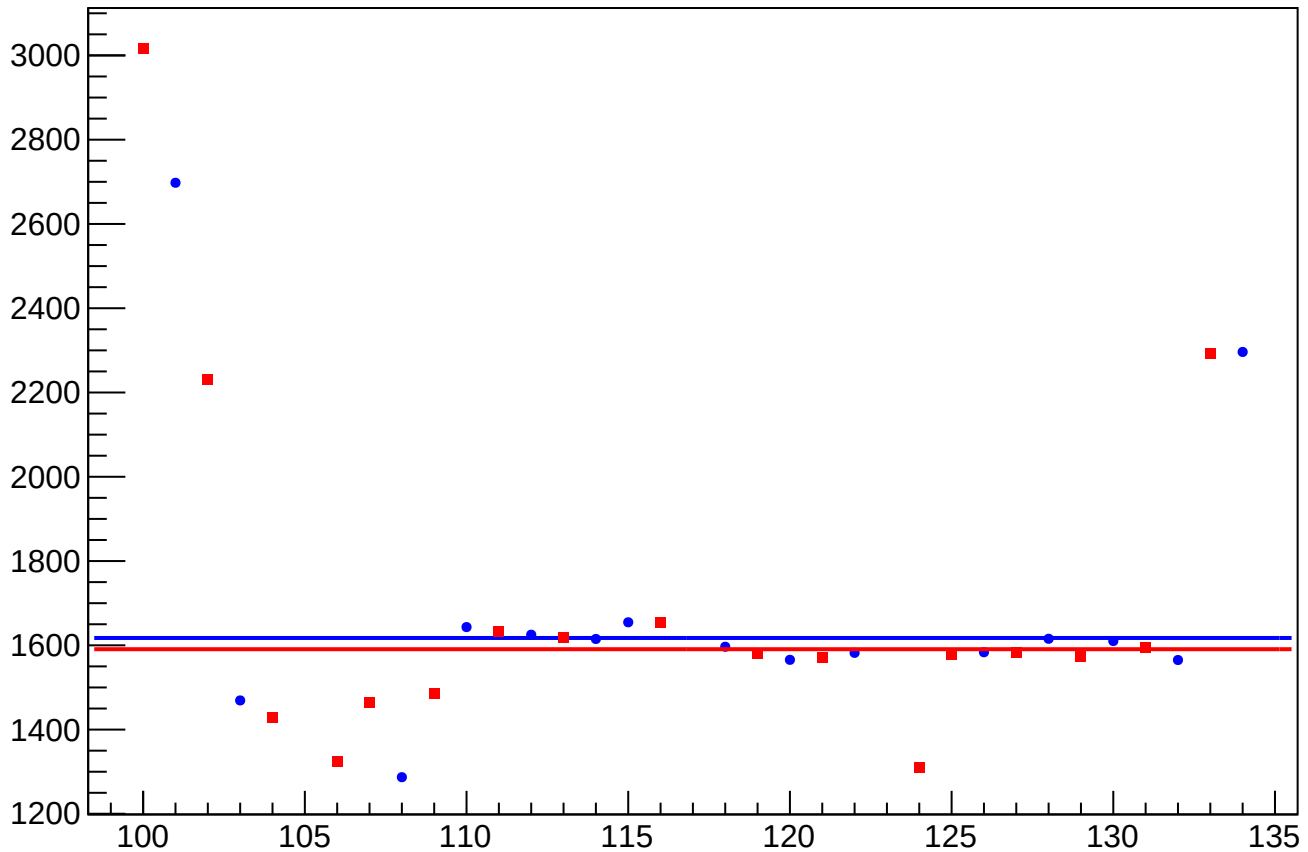
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 471.451 $\pm$ 452.087 χ^2 /NDF: 36.8/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at2_dd_rms vs Slug



Right In: 1617.465 $\pm$ 0.461 χ^2 /NDF: 343006.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1590.806 $\pm$ 0.444 χ^2 /NDF: 256000.1/16

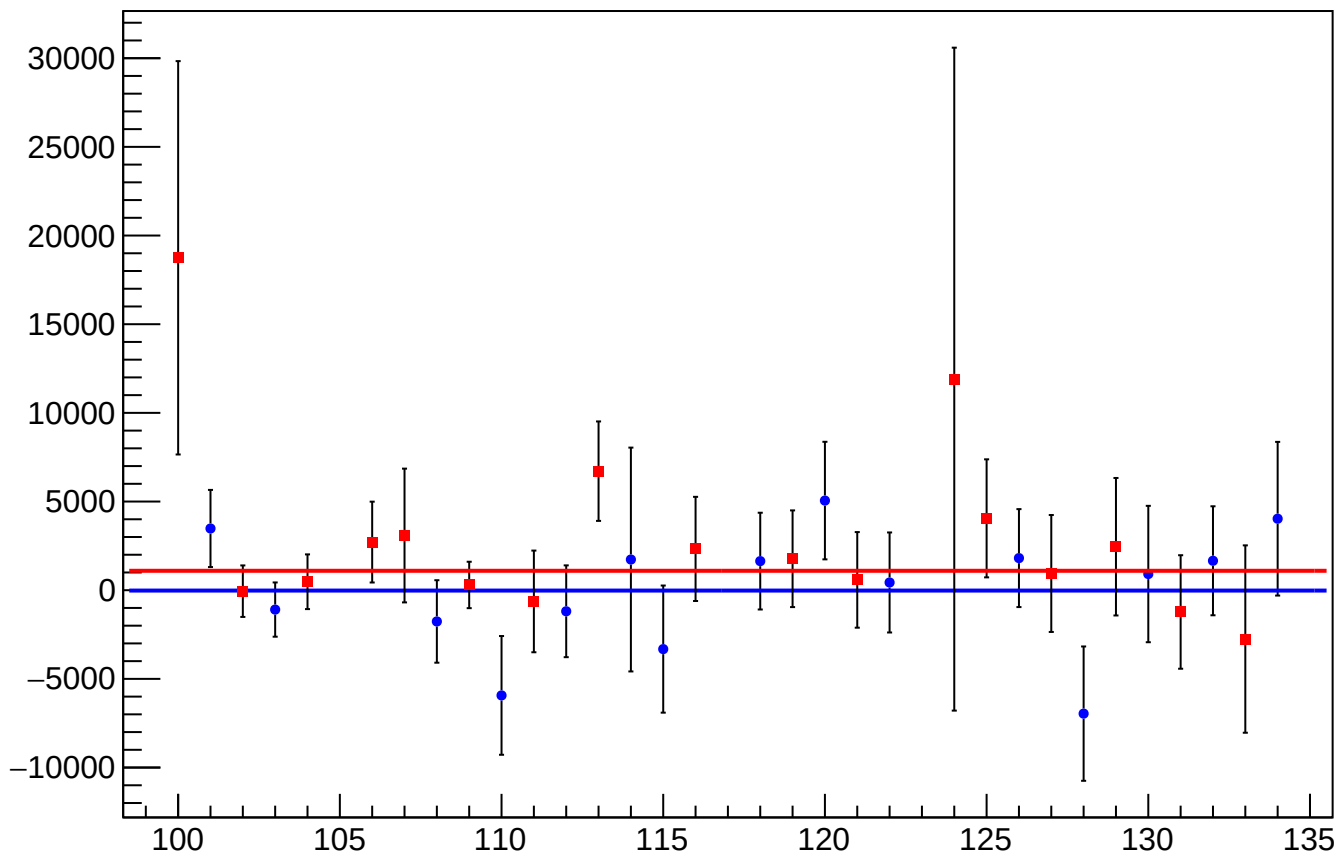
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1603.629 $\pm$ 0.320 χ^2 /NDF: 600742.2/31

- sign 0.000 $\pm$ 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: 1095.518+/-600.673 χ^2/NDF : 11.4/16

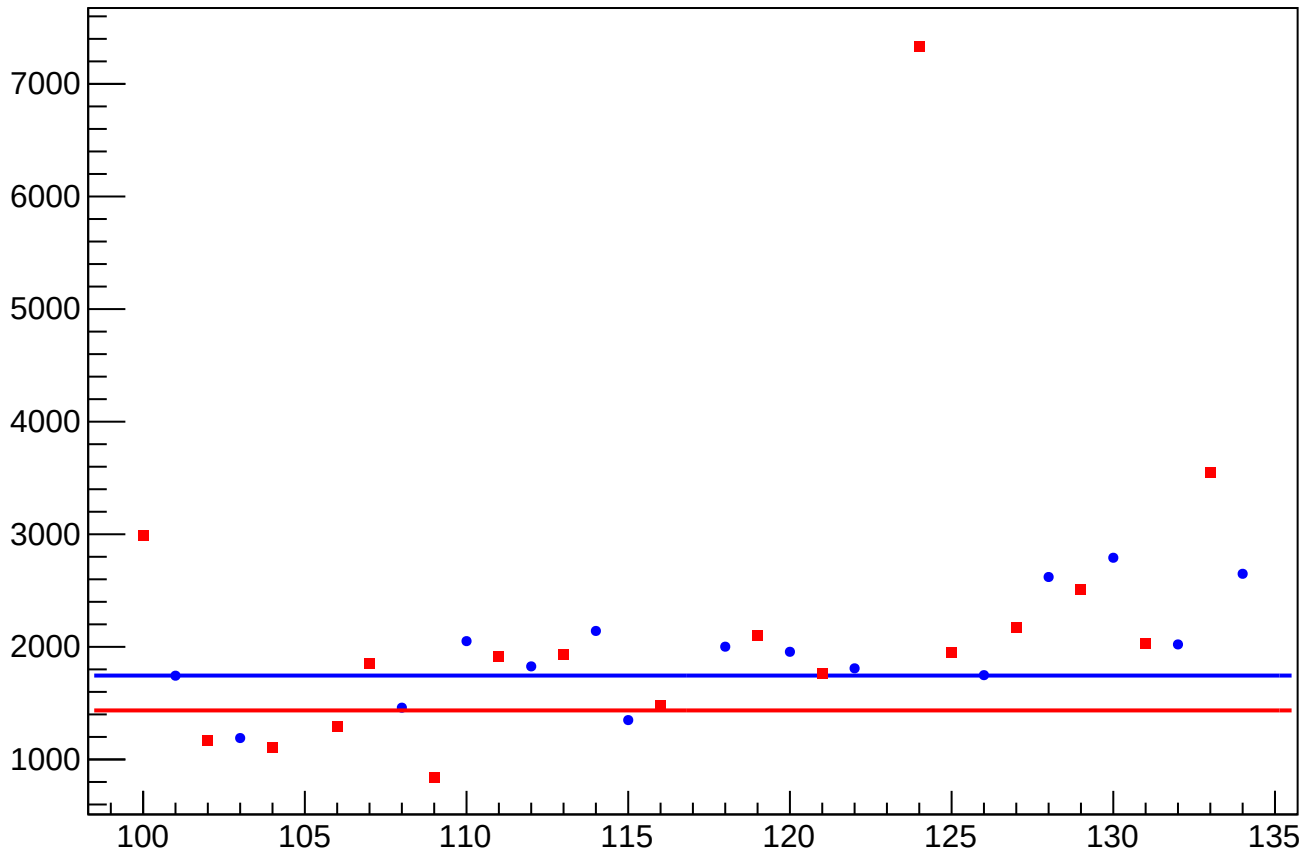
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 635.631+/-460.525 χ^2/NDF : 28.5/31

- 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

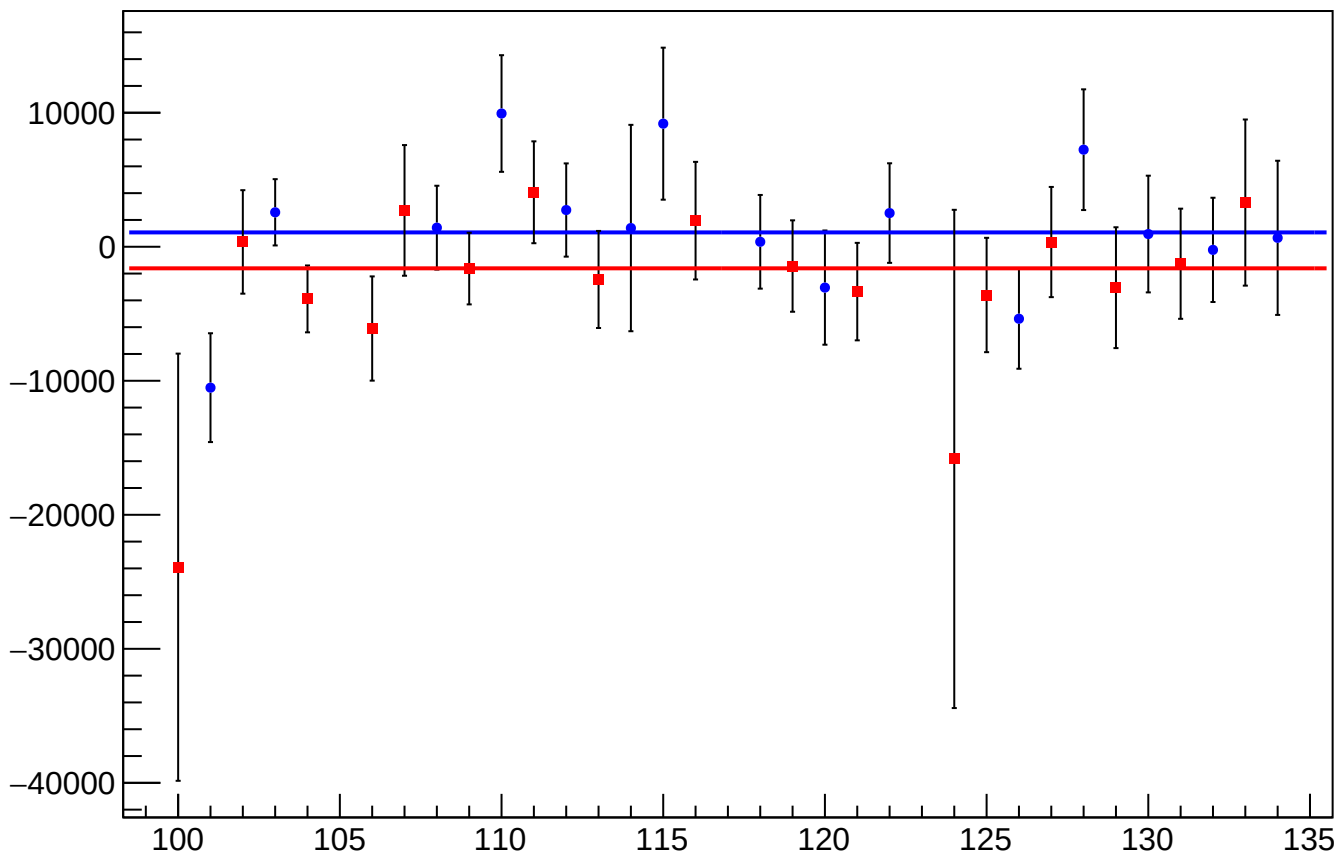
Right Out: 1435.443+/-0.425 χ^2/NDF : 1802549.3/16

All: 1563.086+/-0.326 χ^2/NDF : 2750800.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_mean vs Slug



Right In: 1070.586+/-1005.324 χ^2/NDF : 21.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1609.551+/-957.670 χ^2/NDF : 10.1/16

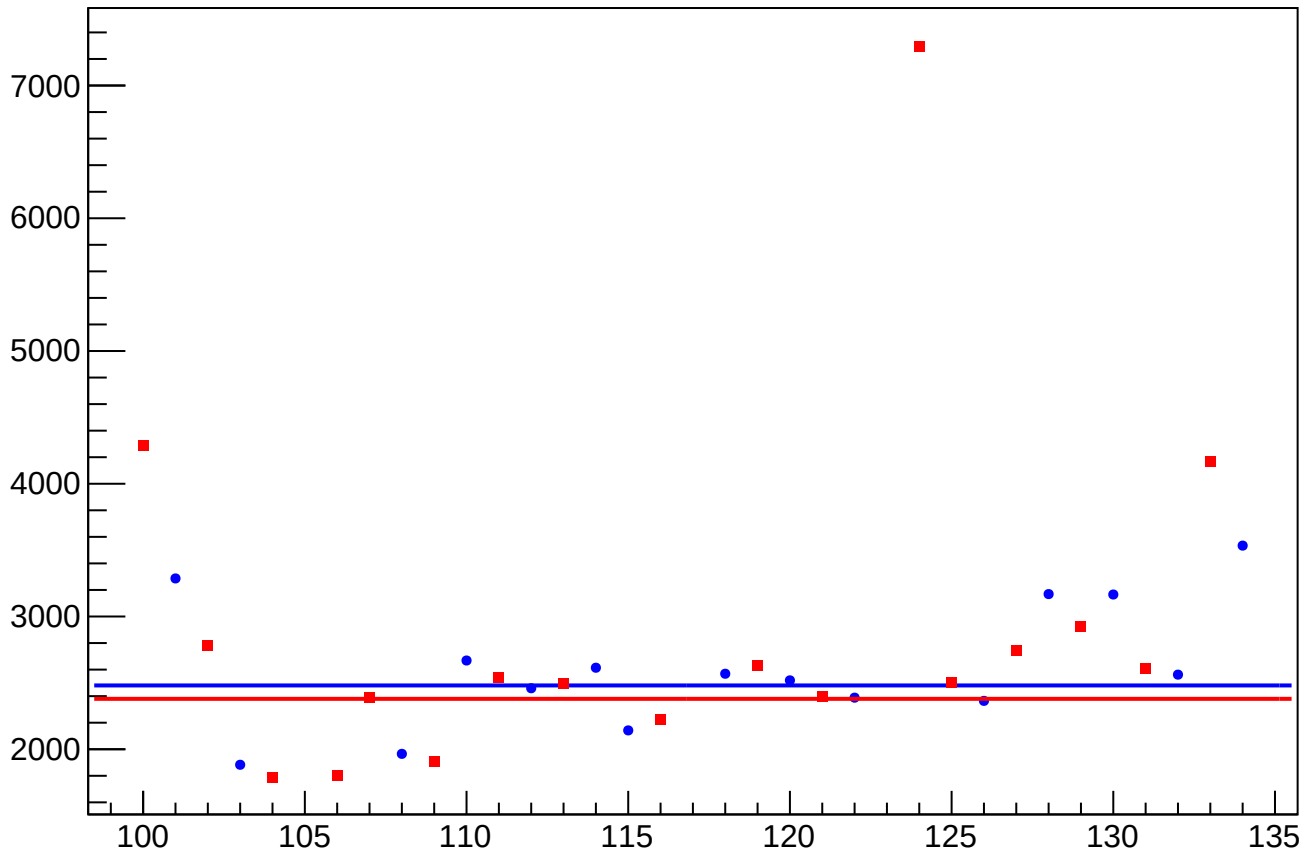
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -334.508+/-693.410 χ^2/NDF : 34.9/31

- sign 0.000+/-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

Right Out: 2379.757+/-0.677 χ^2/NDF : 648370.4/16

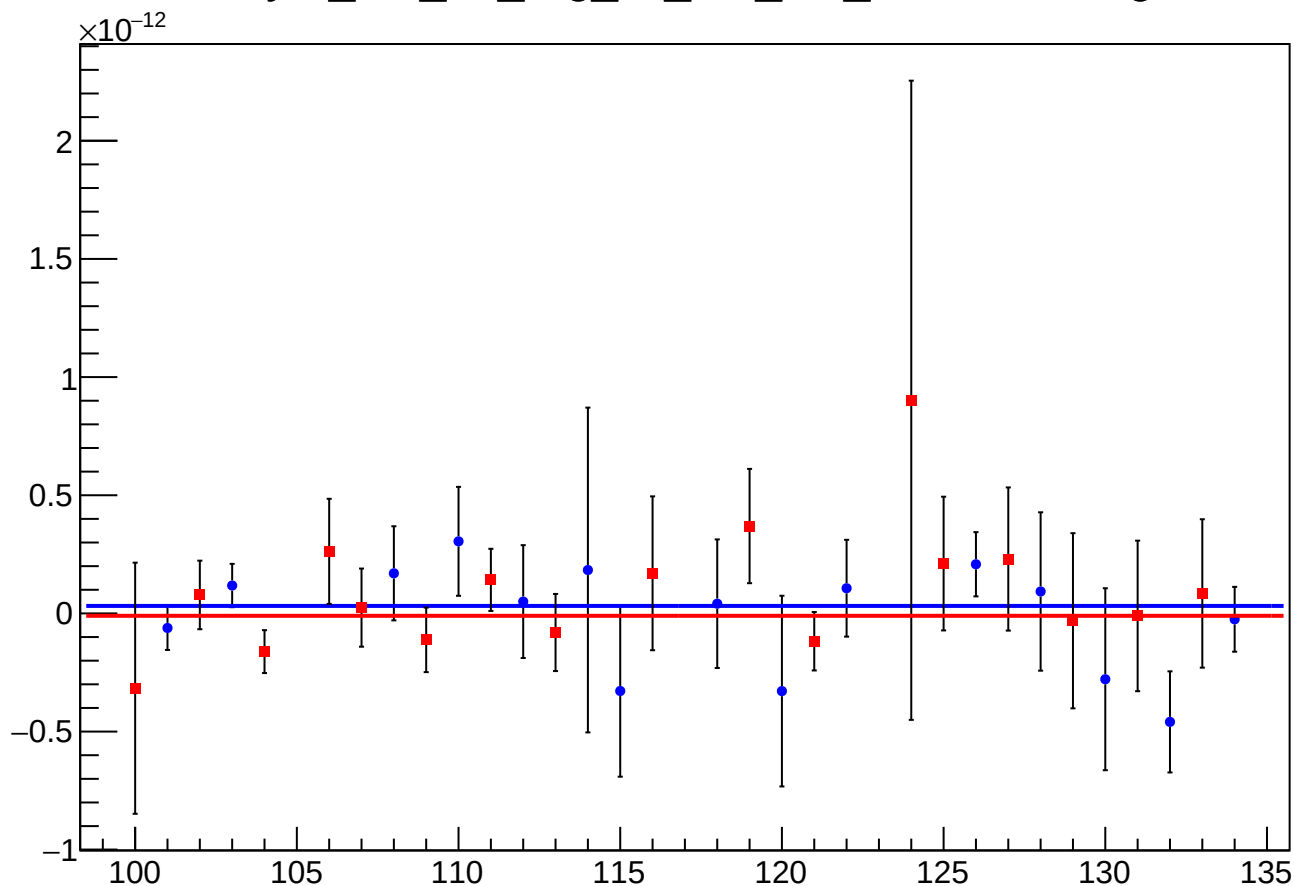
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2427.766+/-0.490 χ^2/NDF : 1089139.2/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 13.5/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.000 ± 0.000 $\chi^2/\text{NDF}: 12.4/16$

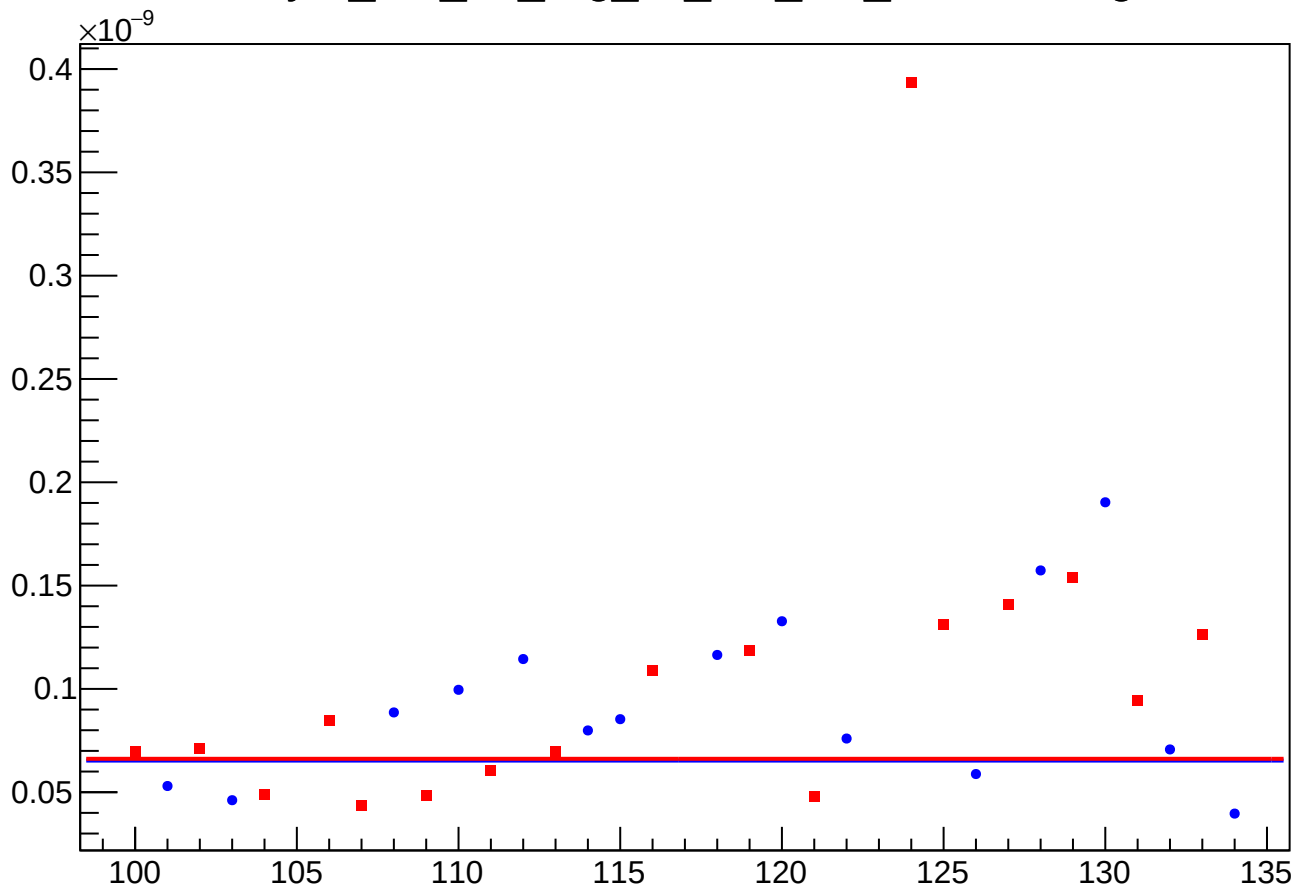
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.000 ± 0.000 $\chi^2/\text{NDF}: 26.4/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_at2_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 855200.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 878692.1/16

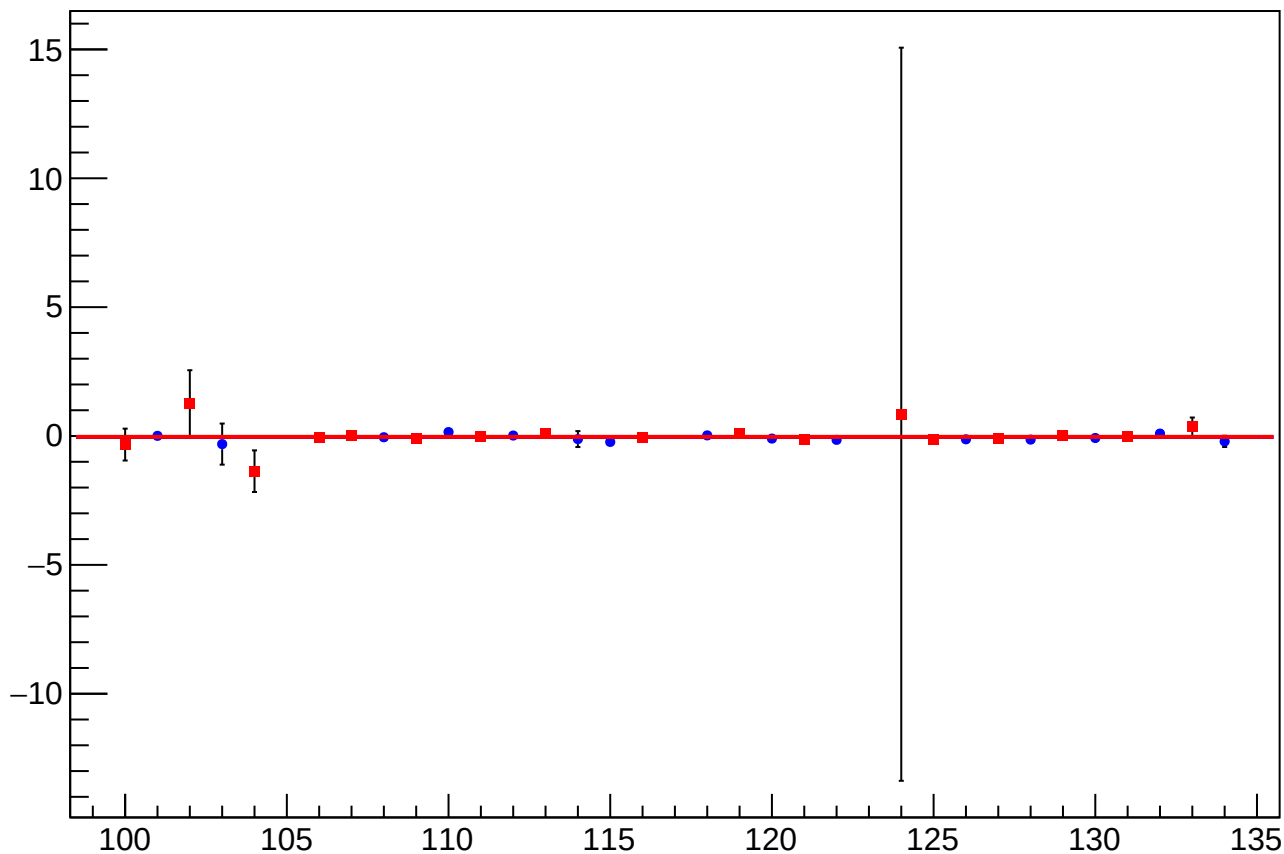
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1734265.5/31

- sign 0.000+/-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: -0.033 ± 0.029 $\chi^2/\text{NDF}: 11.8/16$

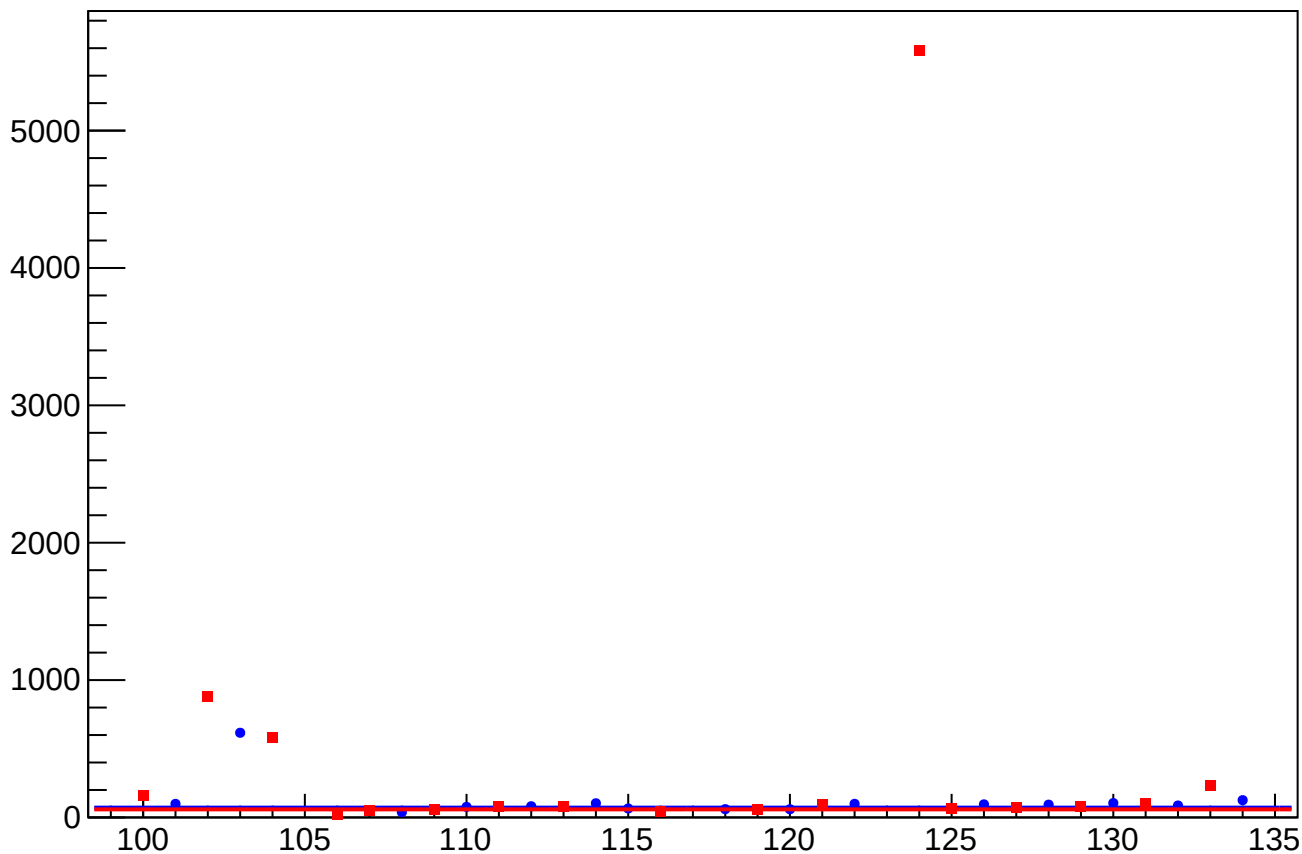
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.035 ± 0.022 $\chi^2/\text{NDF}: 19.5/31$

- 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: 58.870+/-0.020 χ^2/NDF : 3608314.8/16

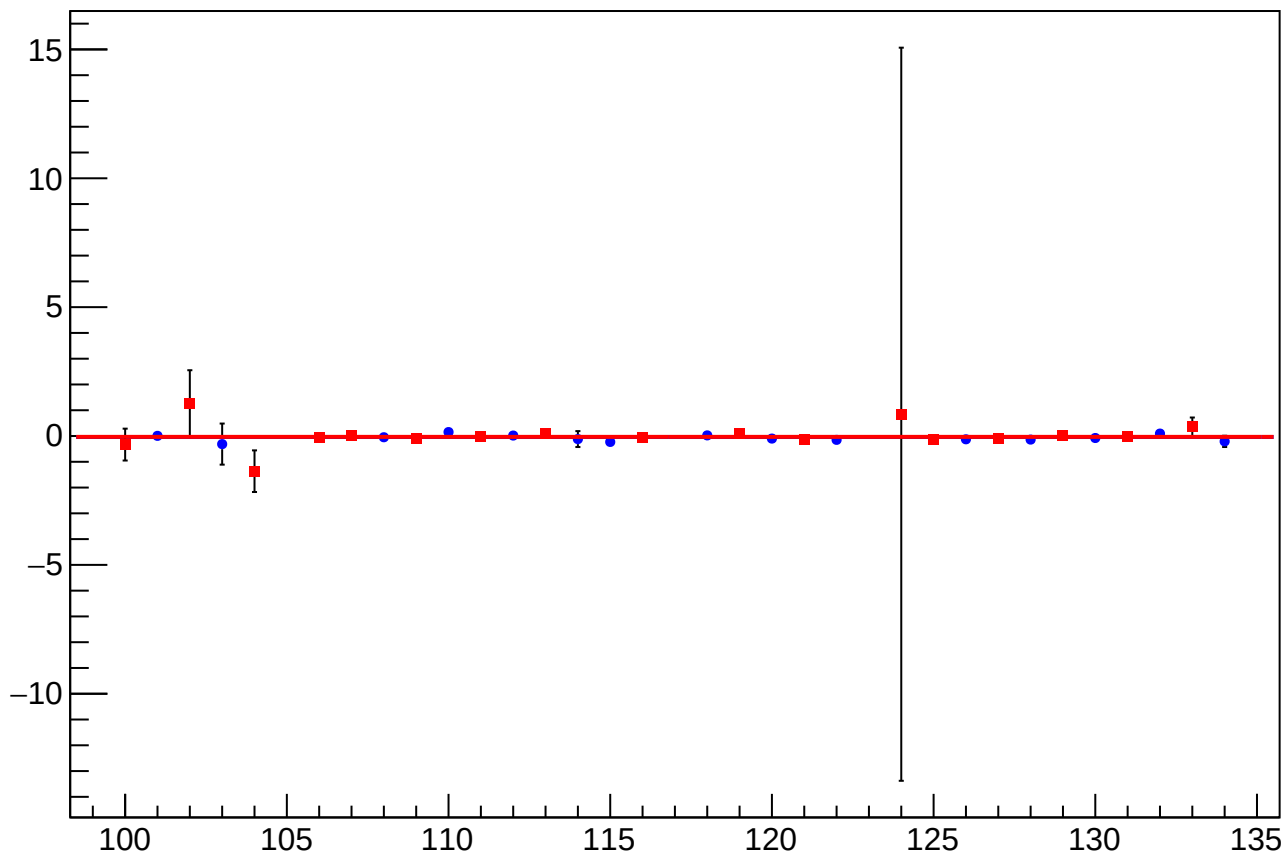
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.447+/-0.015 χ^2/NDF : 5808161.6/31

- 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 $\chi^2/\text{NDF}: 7.7/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.033 ± 0.029 $\chi^2/\text{NDF}: 11.8/16$

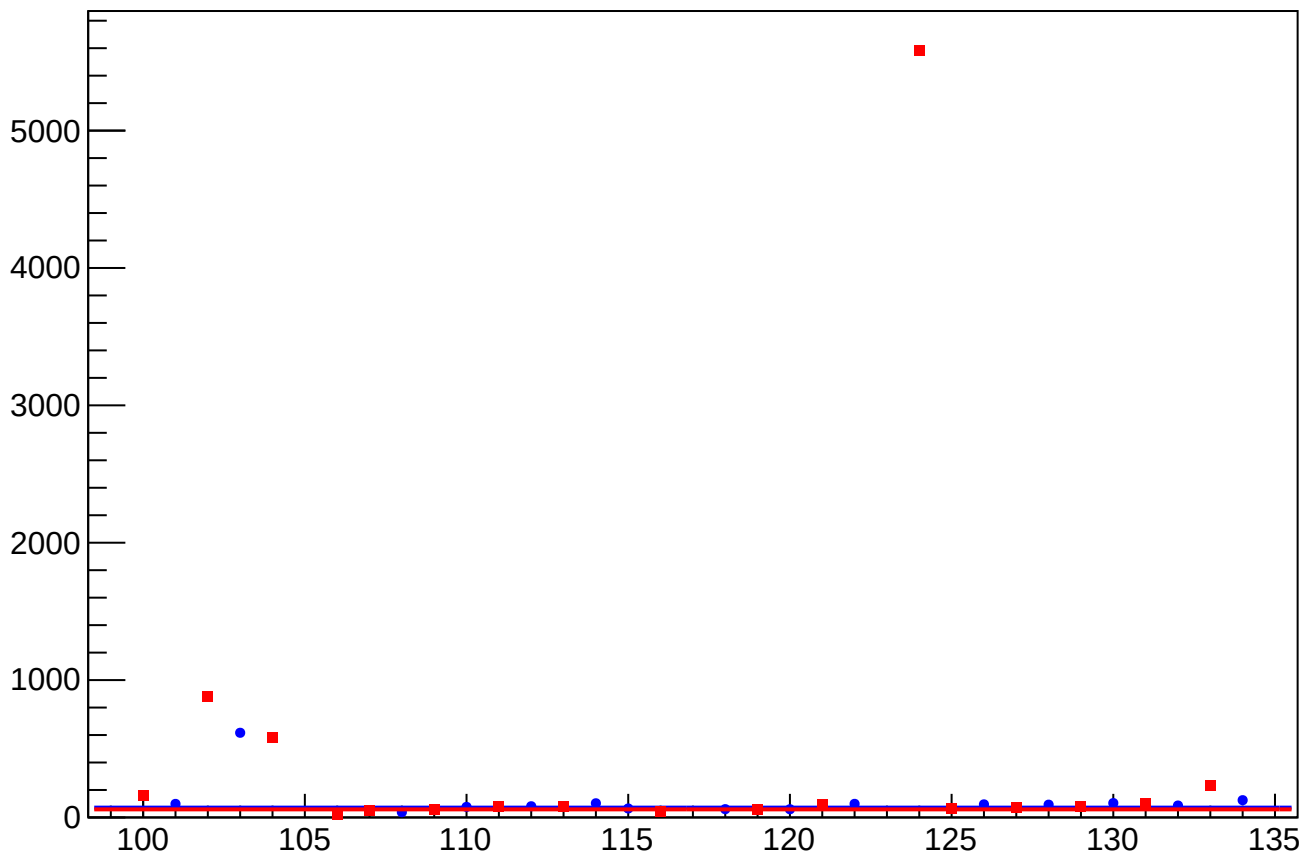
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.035 ± 0.022 $\chi^2/\text{NDF}: 19.5/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_at2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 71.482 $\pm$ 0.023 χ^2 /NDF: 2031134.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 58.870 $\pm$ 0.020 χ^2 /NDF: 3608314.8/16

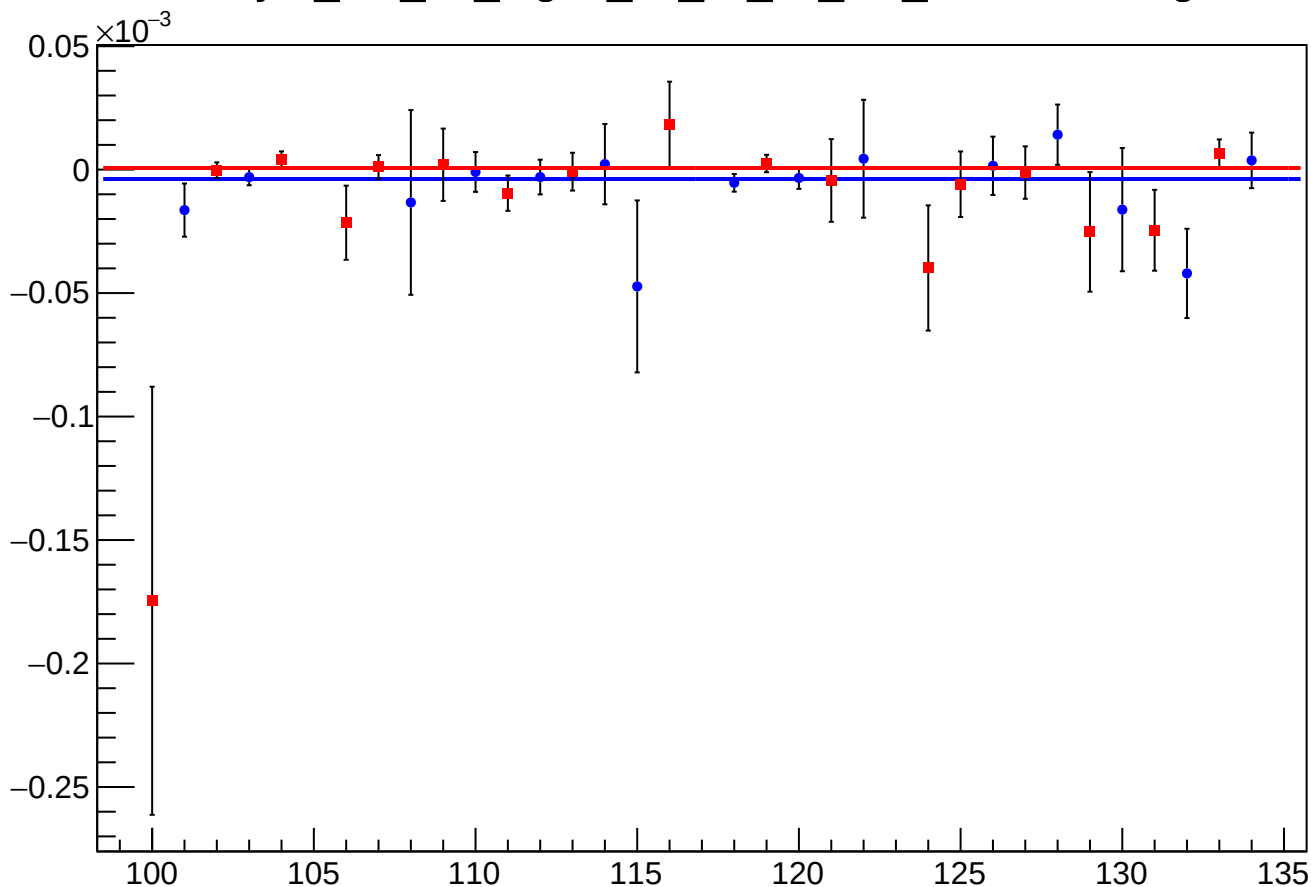
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 64.447 $\pm$ 0.015 χ^2 /NDF: 5808161.6/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.2/16

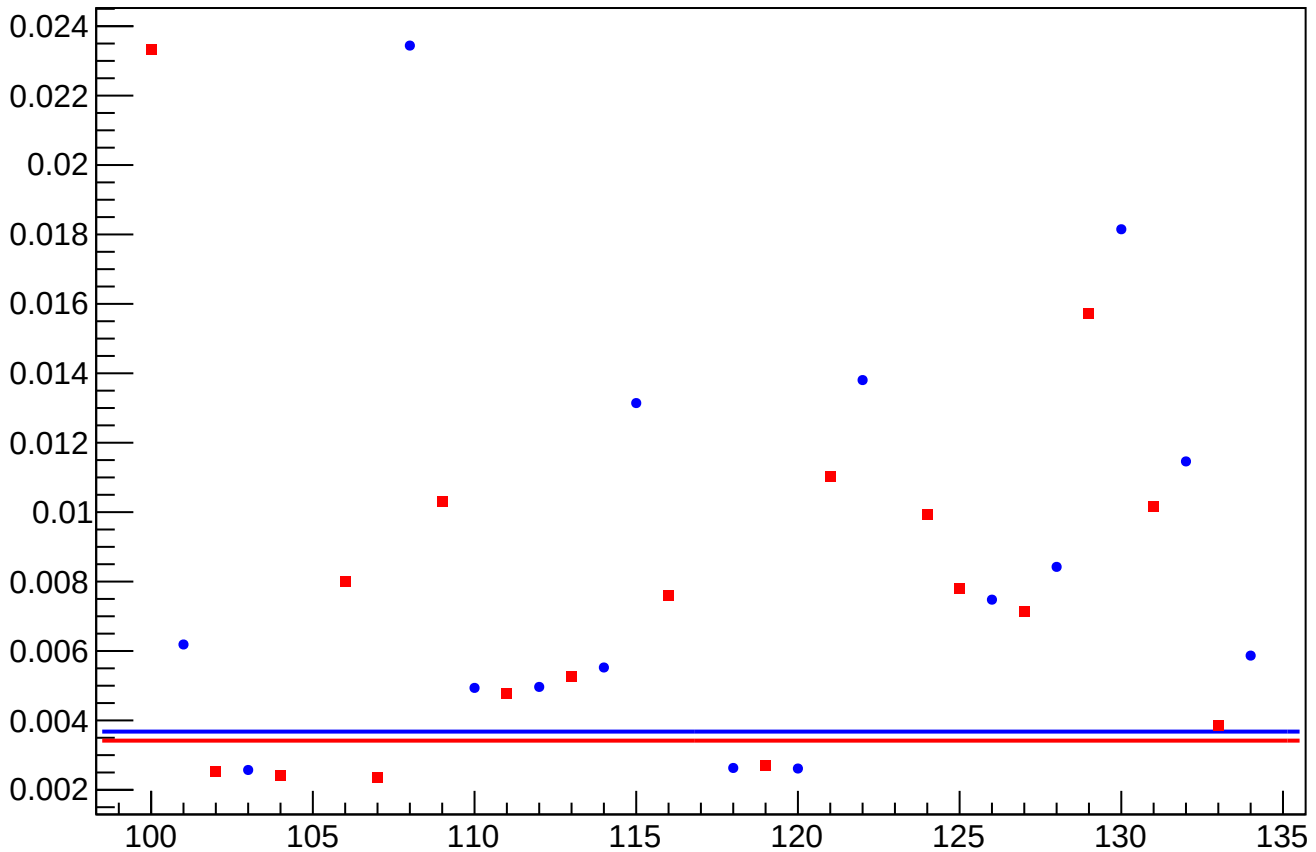
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 32.9/31

- sign 0.000 $\pm$ 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 : 3434840.1/16

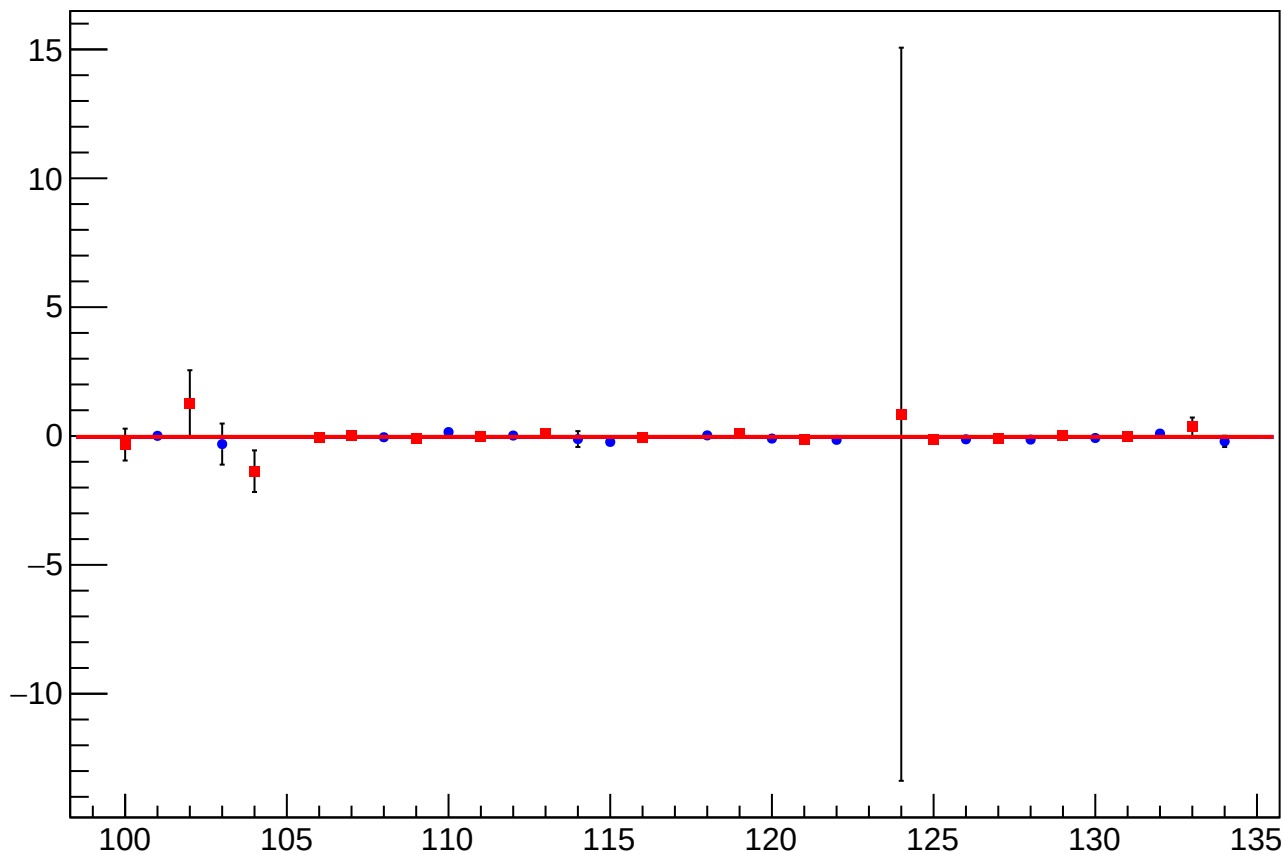
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 6915311.4/31

- 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: -0.033 ± 0.029 χ^2/NDF : 11.8/16

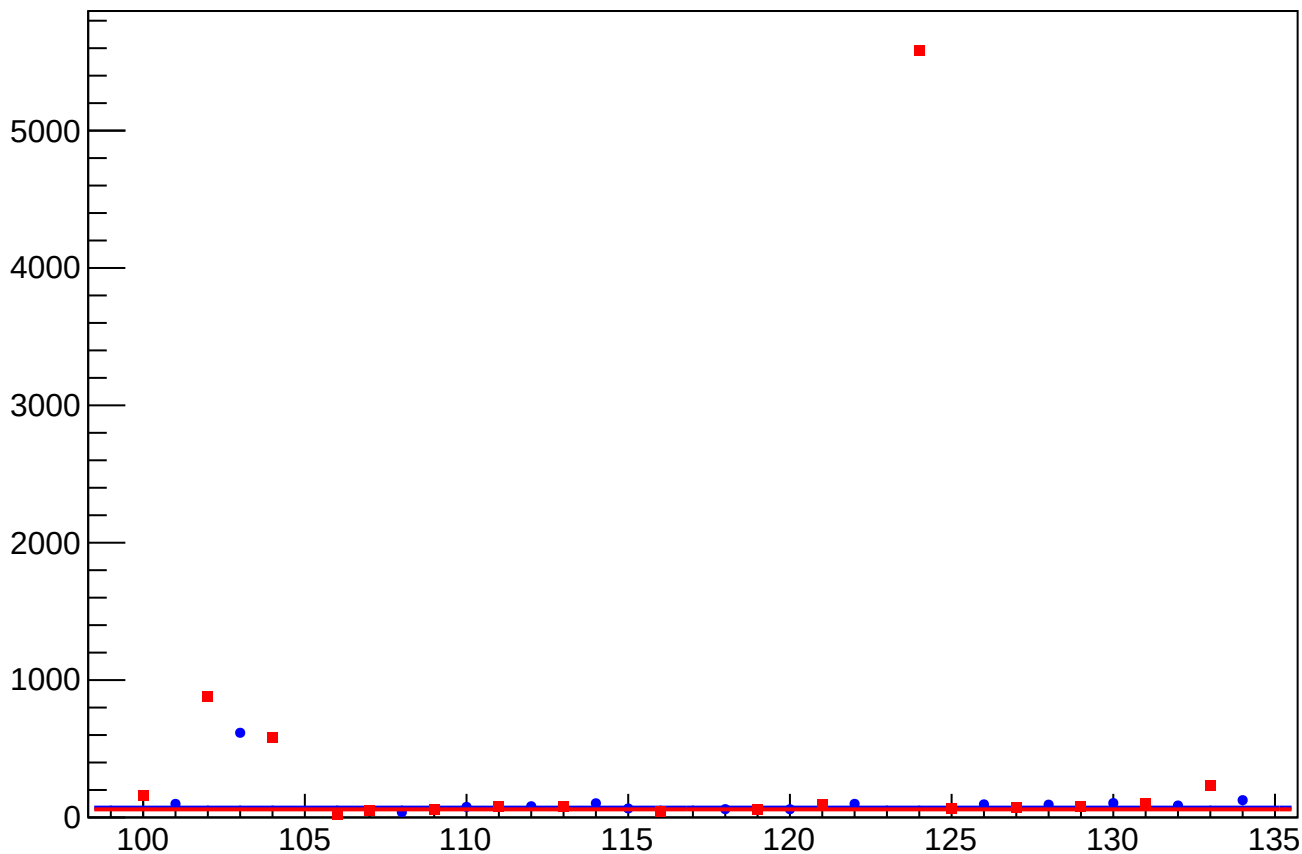
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.035 ± 0.022 χ^2/NDF : 19.5/31

- 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: 58.863+/-0.020 χ^2/NDF : 3608898.2/16

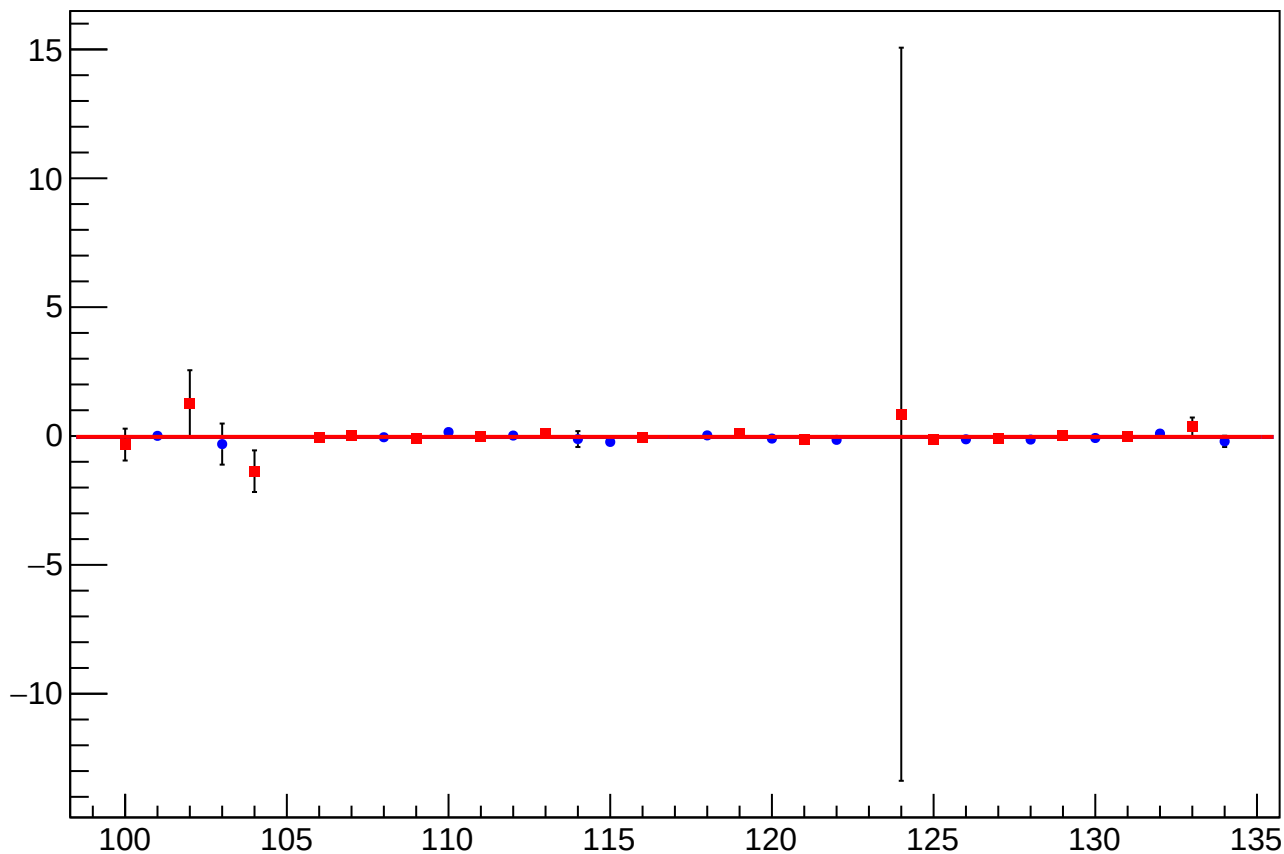
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.447+/-0.015 χ^2/NDF : 5808182.6/31

- 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 χ^2/NDF : 7.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.033 ± 0.029 χ^2/NDF : 11.8/16

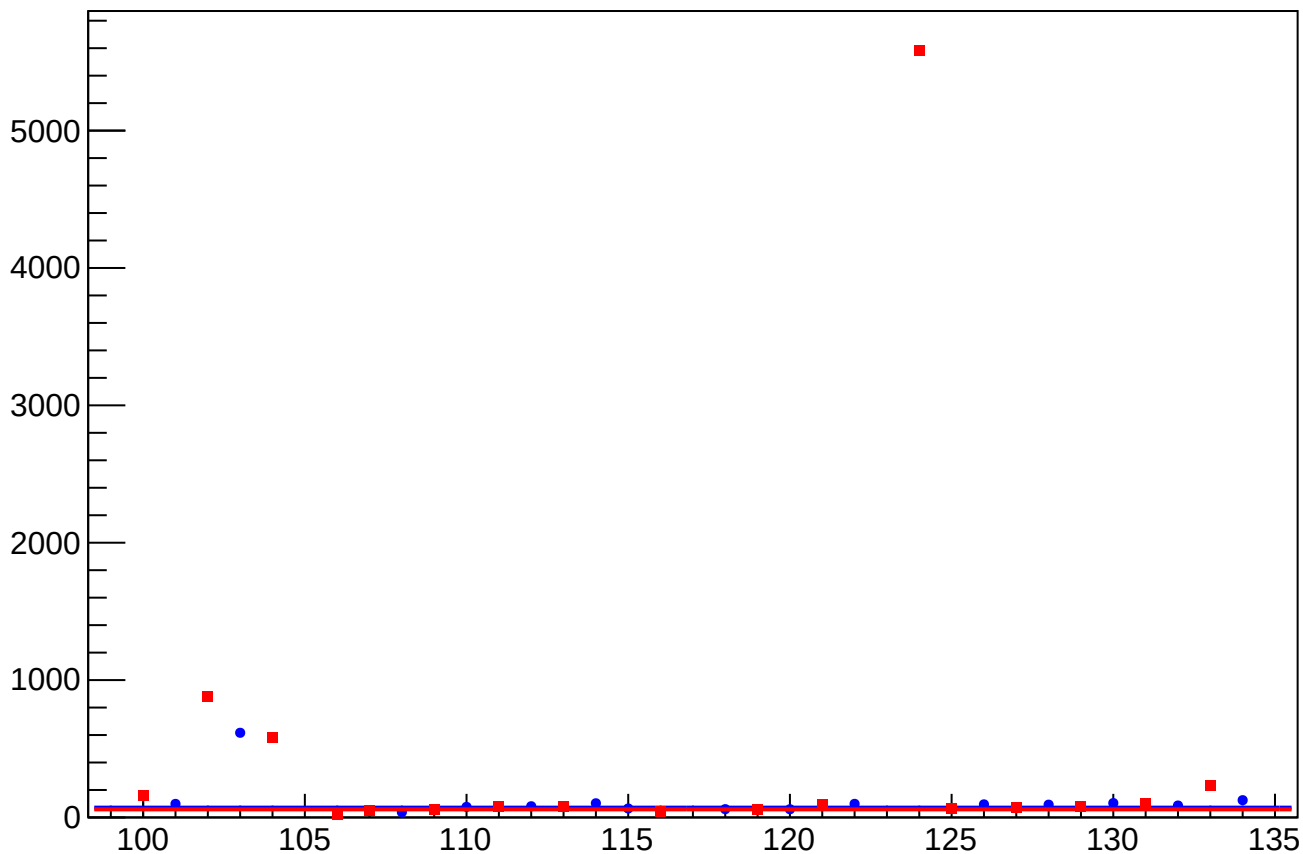
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.035 ± 0.022 χ^2/NDF : 19.5/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_dit_vs_eigen_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: 58.863+/-0.020 χ^2/NDF : 3608898.2/16

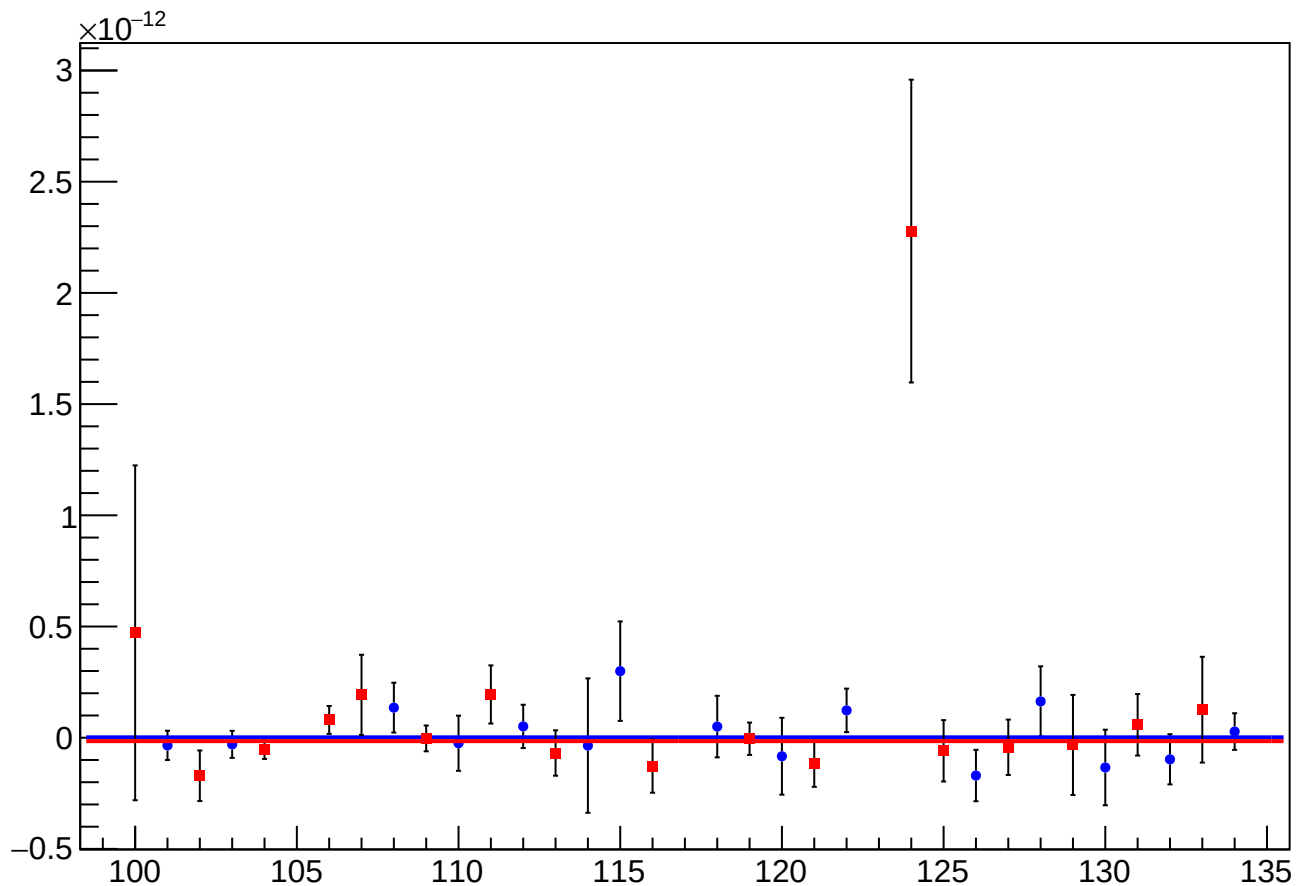
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.447+/-0.015 χ^2/NDF : 5808182.6/31

- sign 0.000+/-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: 23.7/16

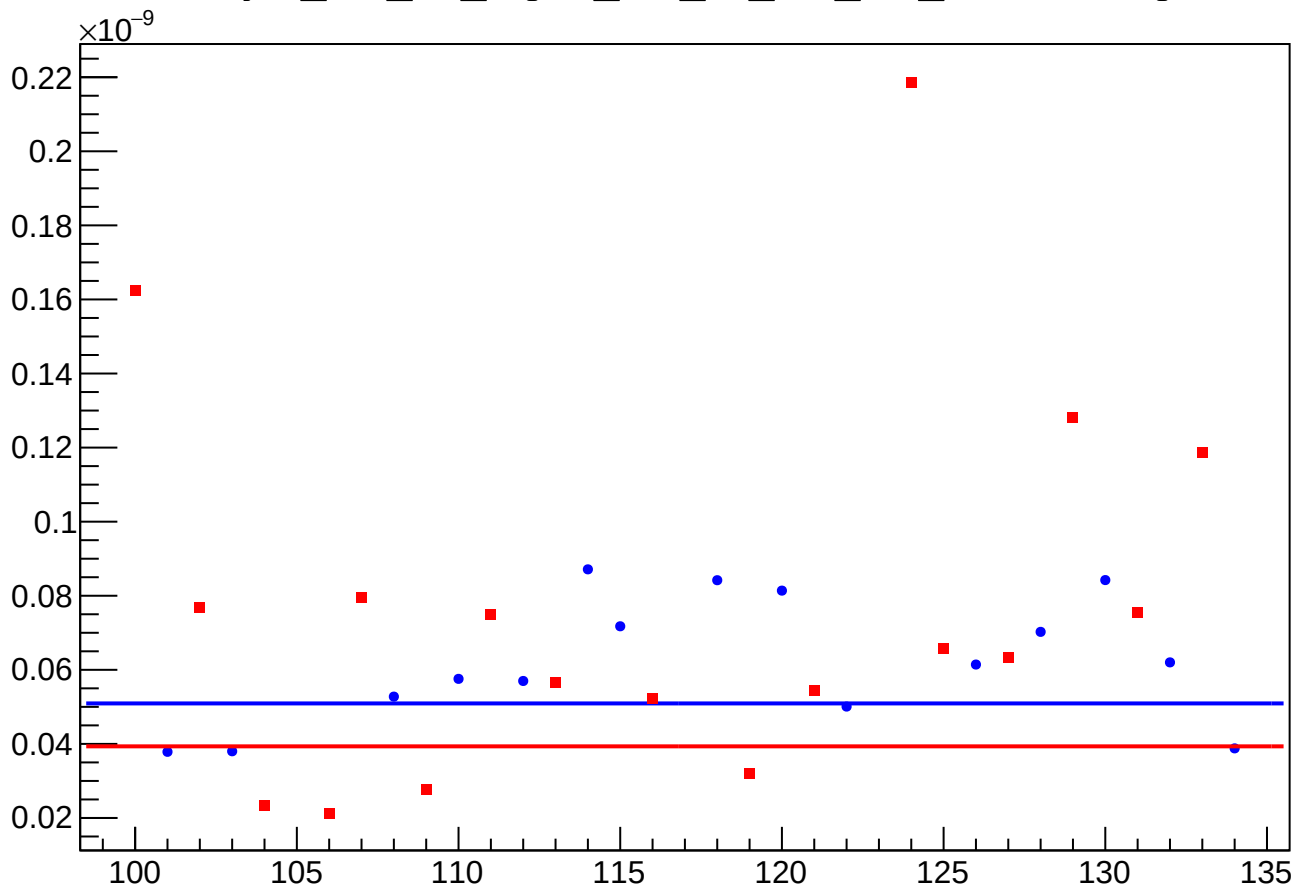
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 34.6/31

- 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 : 2163243.4/16

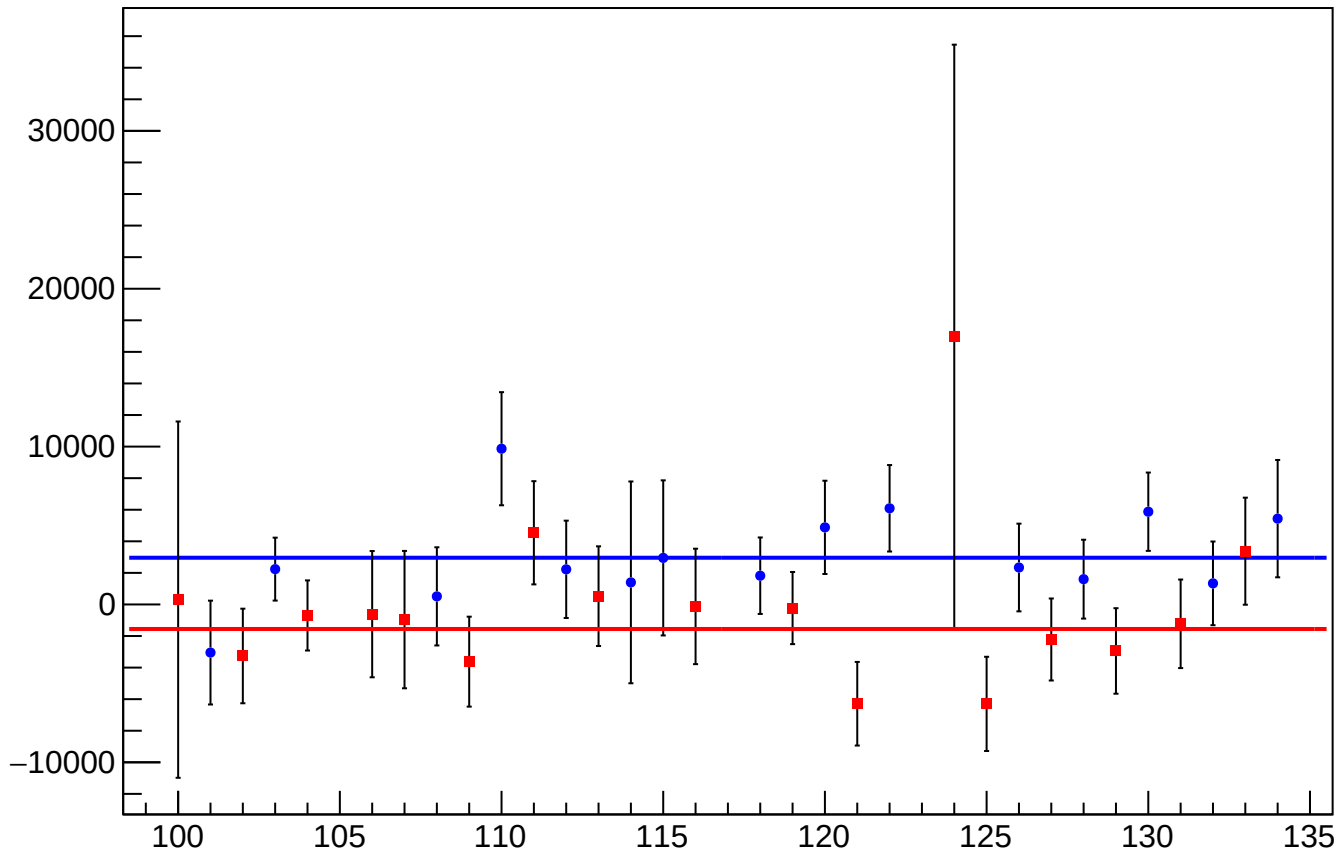
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2970376.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_mean vs Slug



Right In: 2959.638 $\pm$ 749.114 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1553.703 $\pm$ 750.155 χ^2 /NDF: 14.7/16

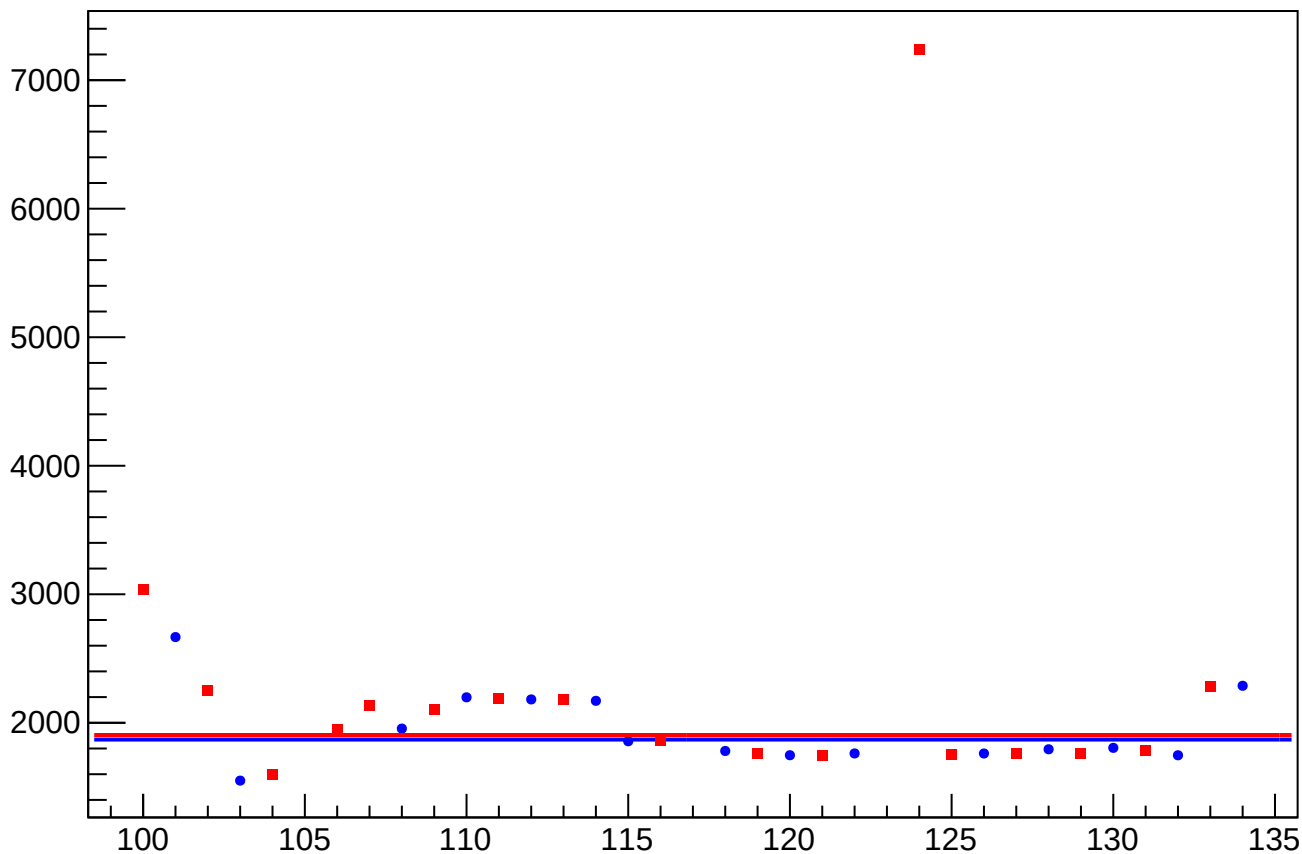
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 706.102 $\pm$ 530.071 χ^2 /NDF: 45.2/31

- sign 0.000 $\pm$ 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: 1905.075+/-0.529 χ^2/NDF : 357972.2/16

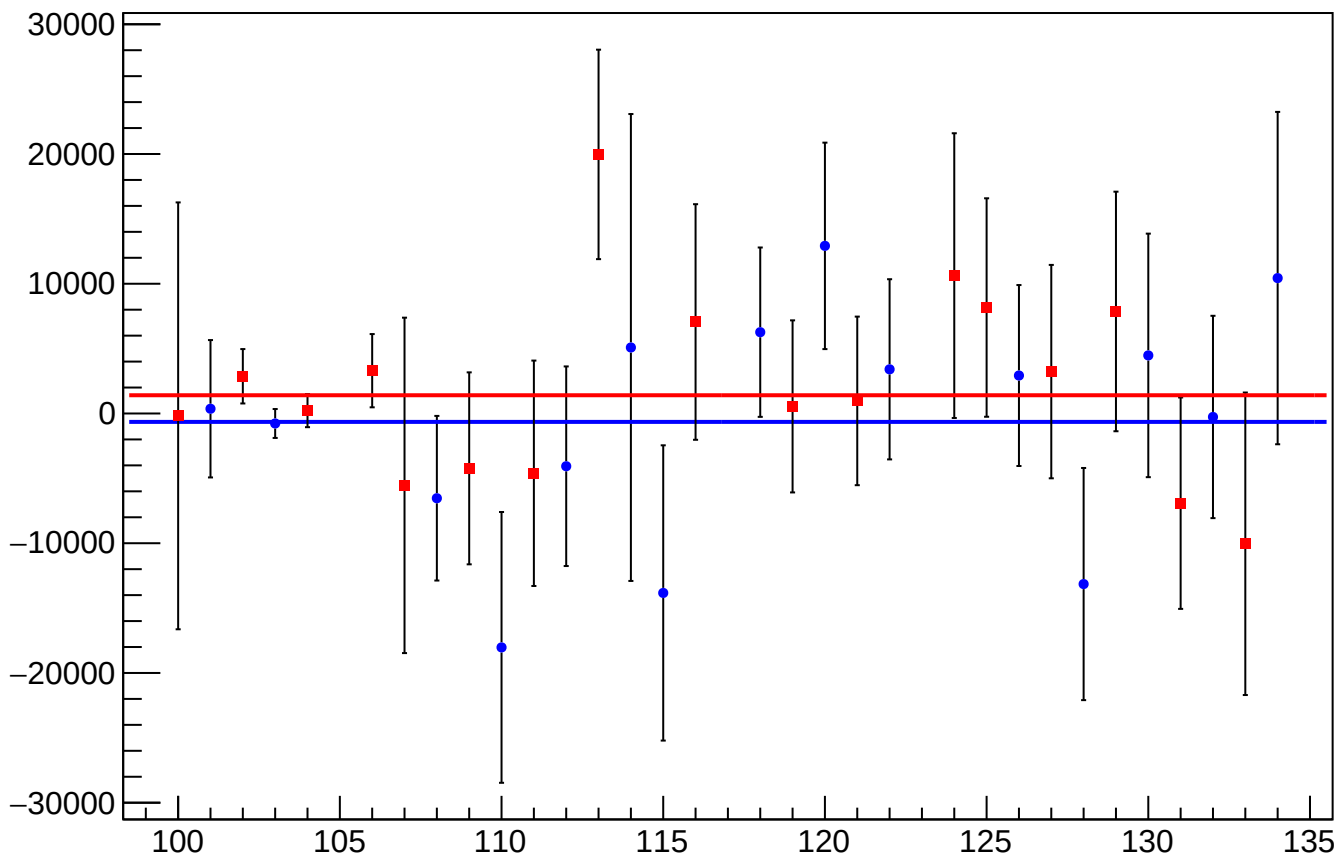
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1887.412+/-0.374 χ^2/NDF : 617457.5/31

- 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: 1405.901+/-930.844 χ^2/NDF : 12.8/16

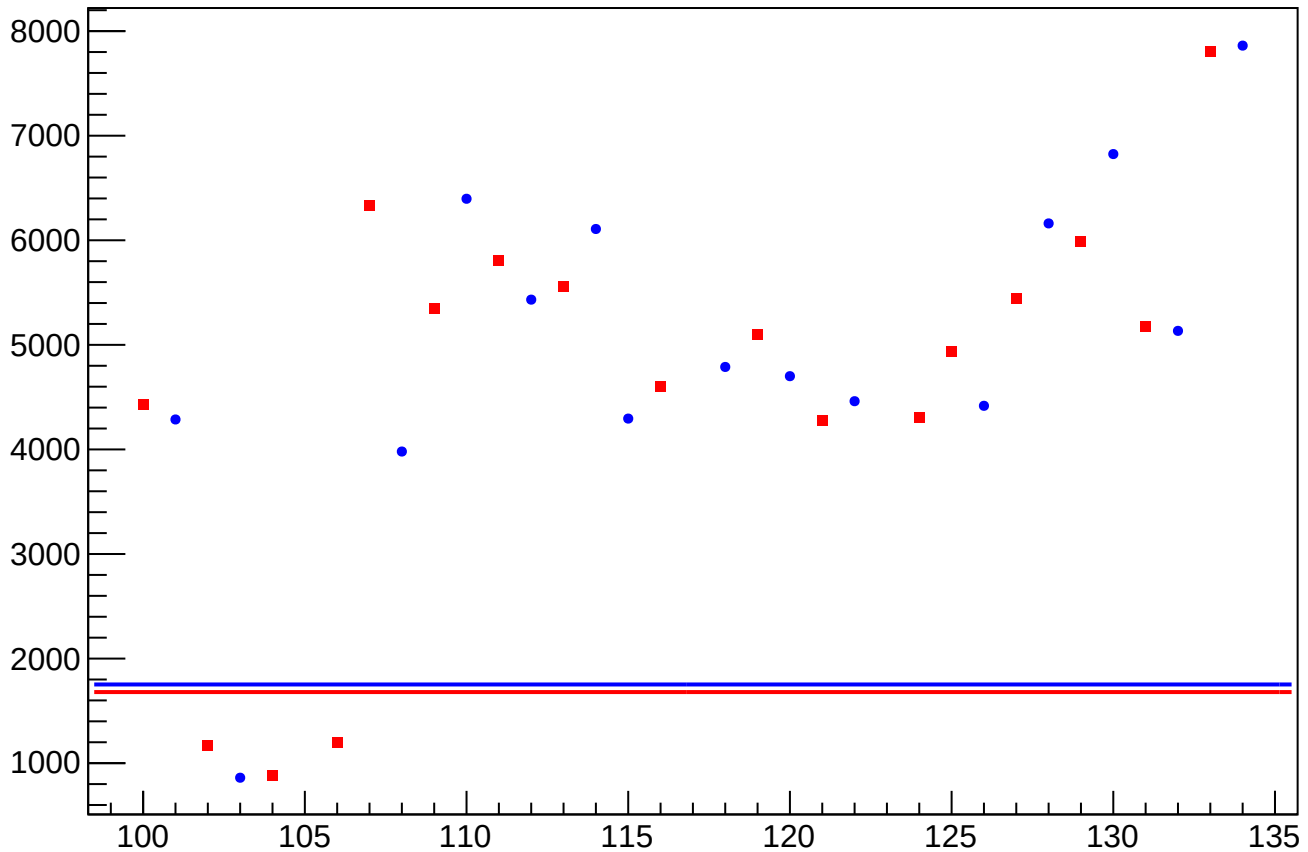
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 437.416+/-676.709 χ^2/NDF : 28.0/31

- 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

Right Out: 1679.858+/-0.658 χ^2/NDF : 5917388.5/16

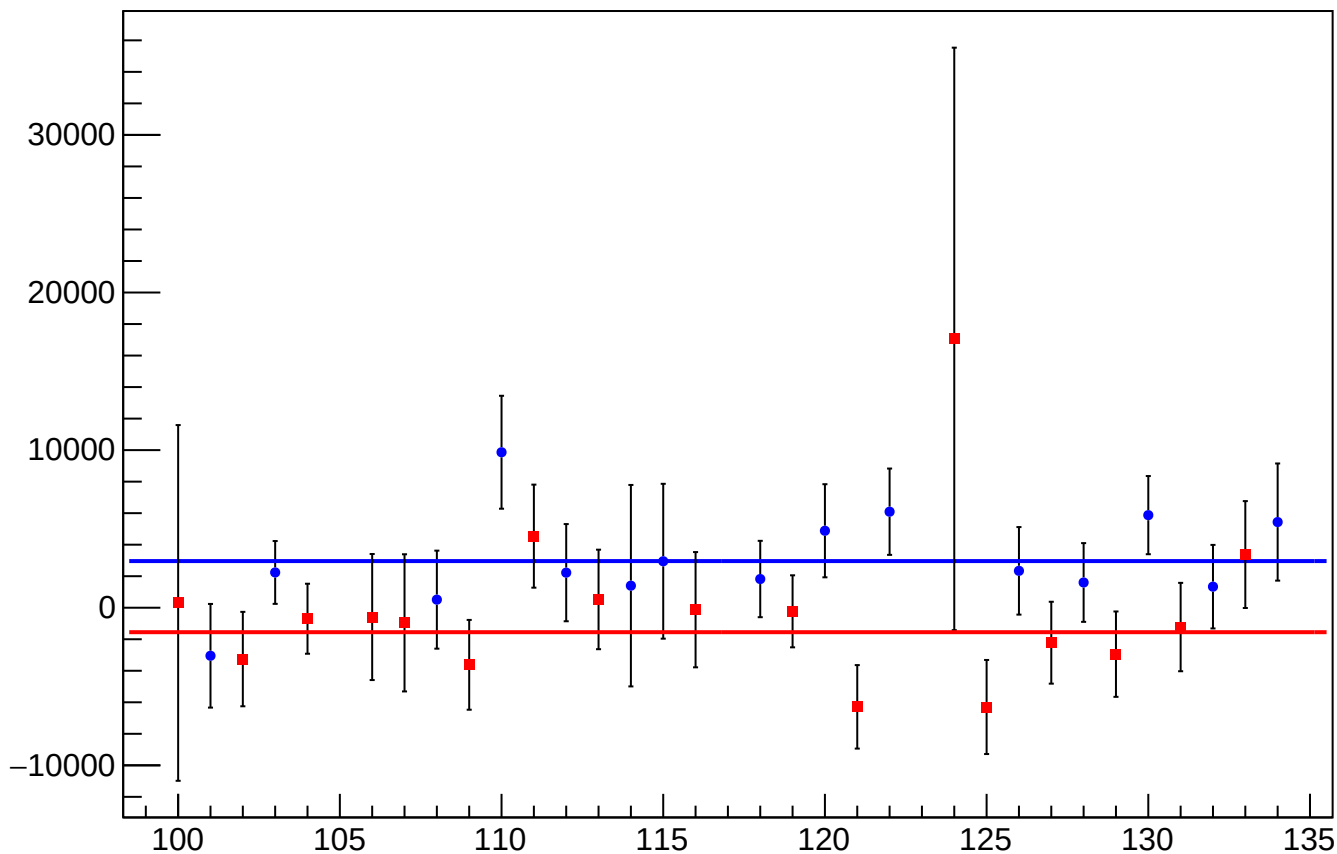
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1714.110+/-0.479 χ^2/NDF : 12183454.8/3

- sign 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: -1552.170 $\pm$ 750.156 χ^2 /NDF: 14.7/16

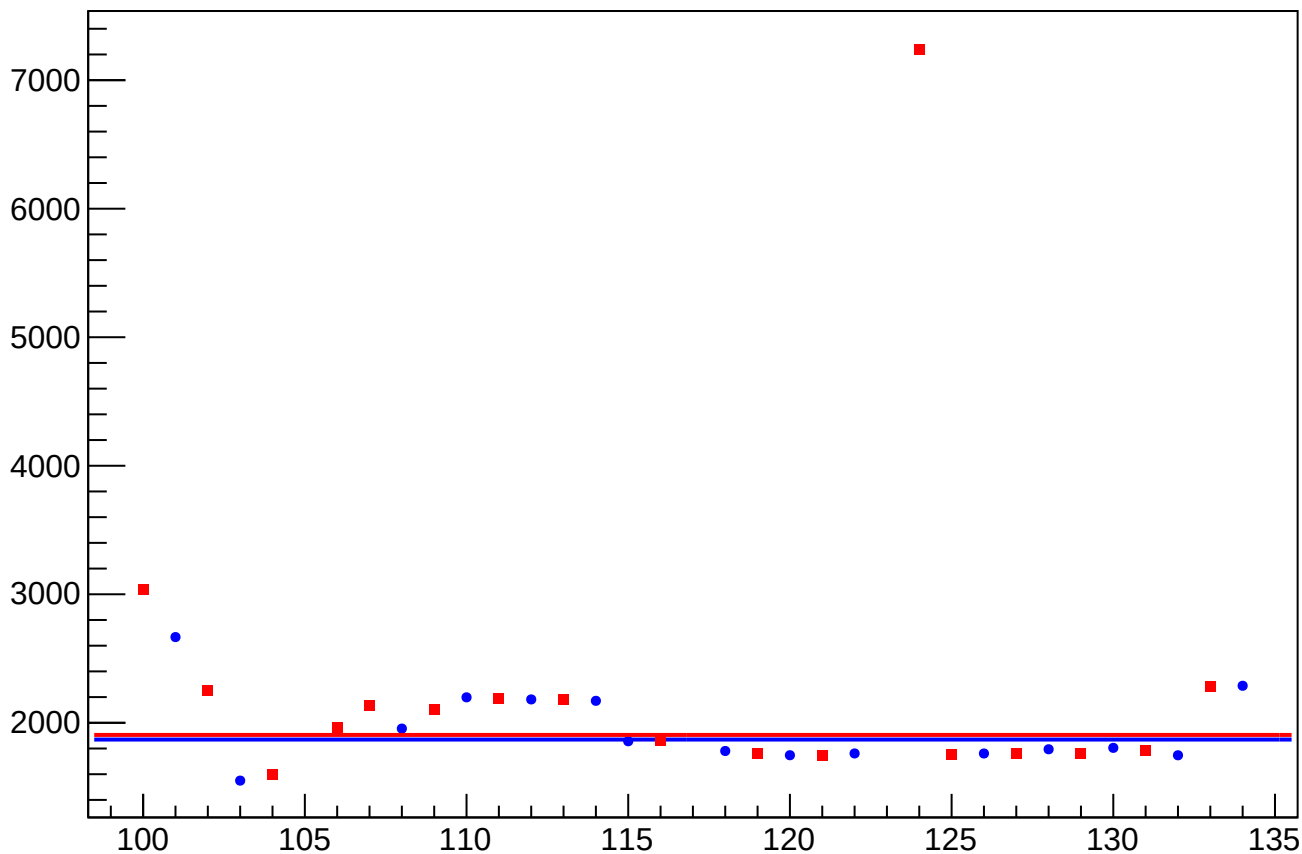
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 706.921 $\pm$ 530.072 χ^2 /NDF: 45.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl1r2_avg_rms vs Slug



Right In: 1869.705 $\pm$ 0.530 χ^2 /NDF: 257253.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1905.598 $\pm$ 0.529 χ^2 /NDF: 358163.2/16

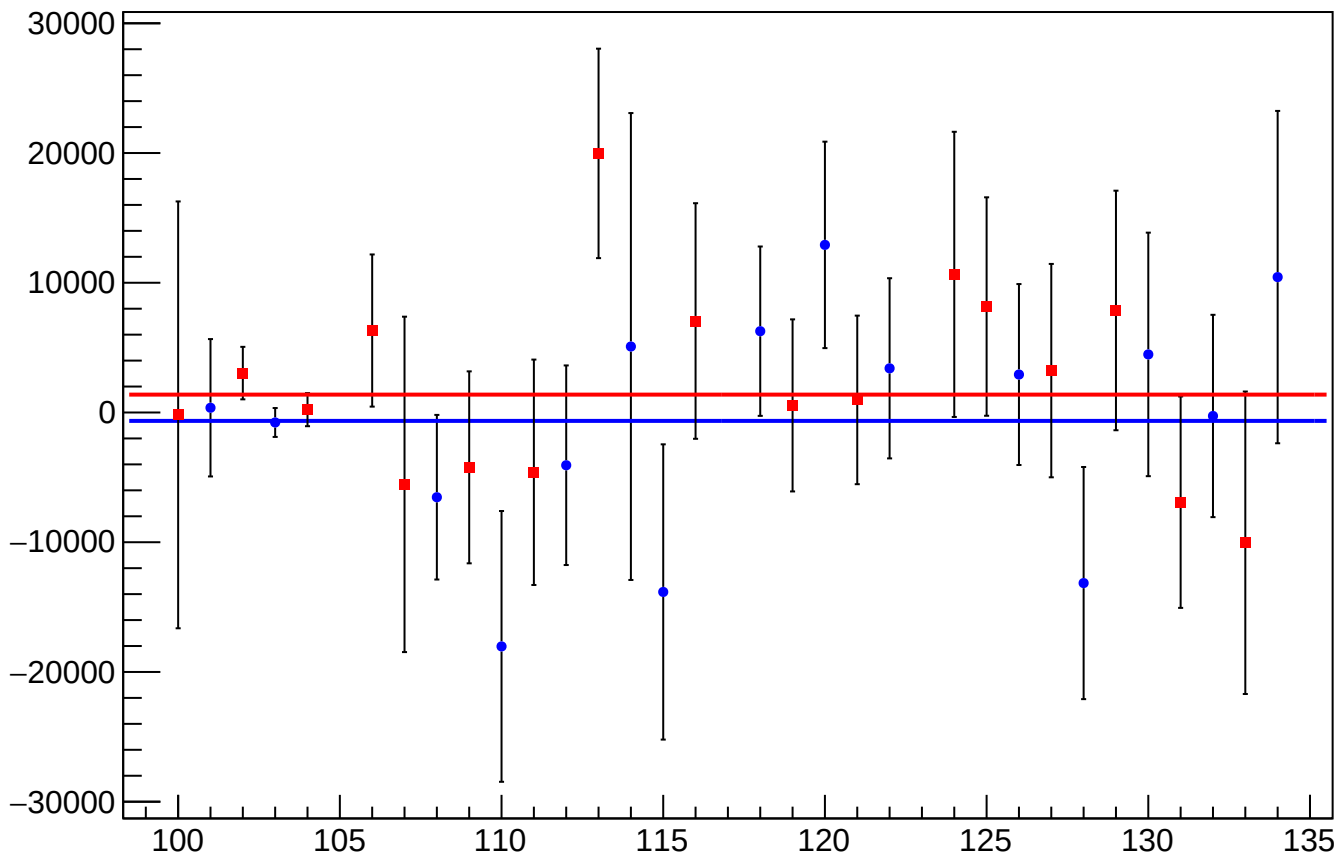
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1887.669 $\pm$ 0.374 χ^2 /NDF: 617714.2/31

- sign 0.000 $\pm$ 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: 1377.978+/-964.743 χ^2/NDF : 13.2/16

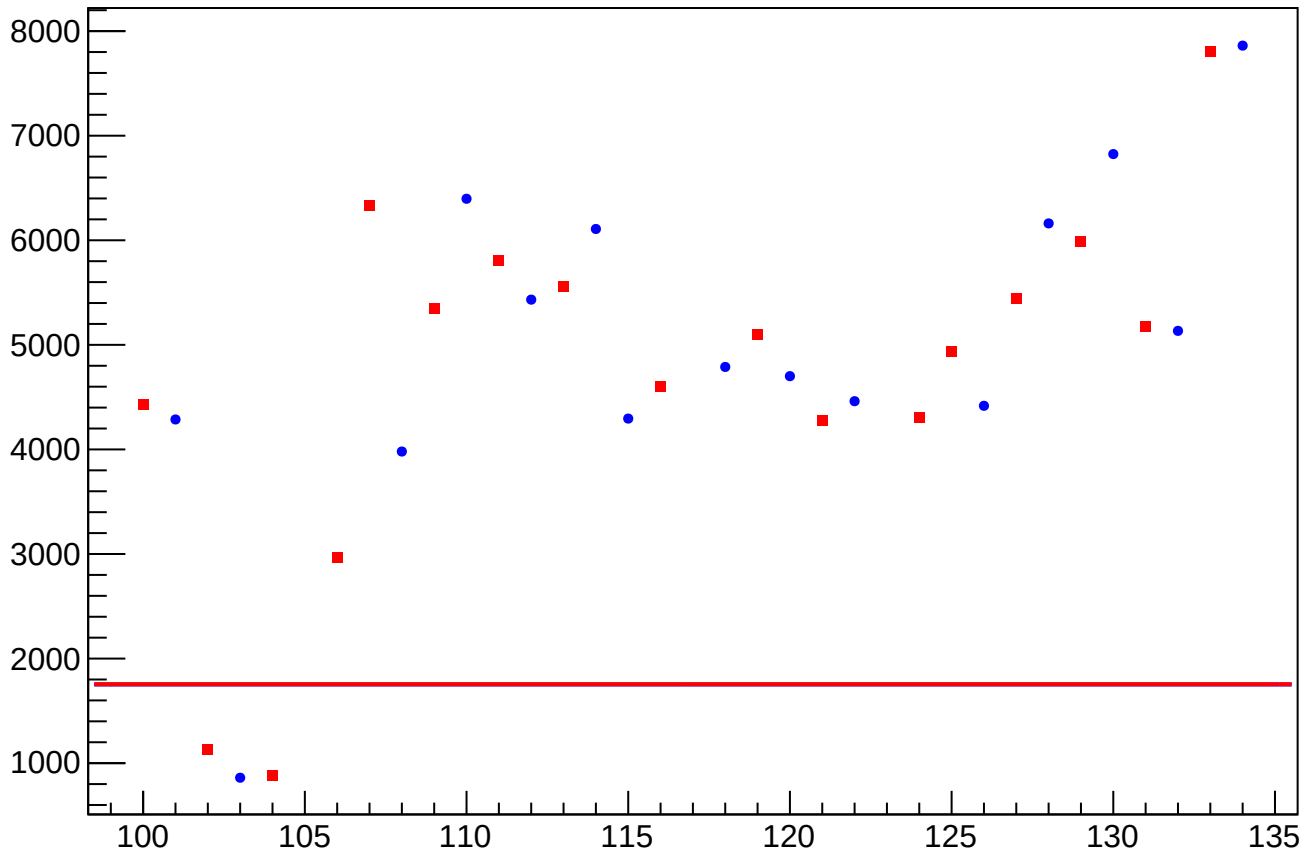
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 386.656+/-689.384 χ^2/NDF : 28.3/31

- 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: 1754.971+/-0.682 χ^2/NDF : 5971047.9/16

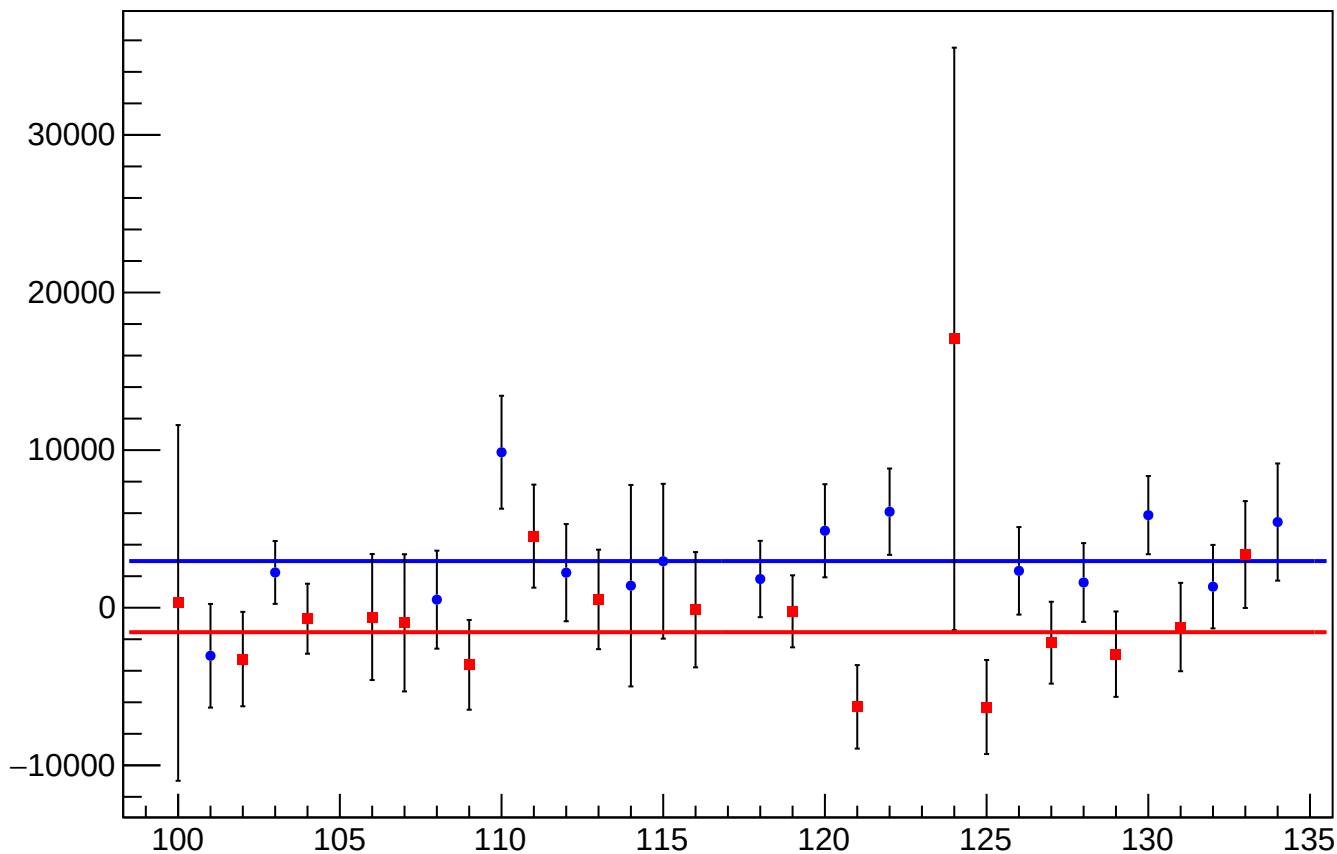
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1753.691+/-0.487 χ^2/NDF : 12231732.8/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_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: -1552.170 $\pm$ 750.156 χ^2 /NDF: 14.7/16

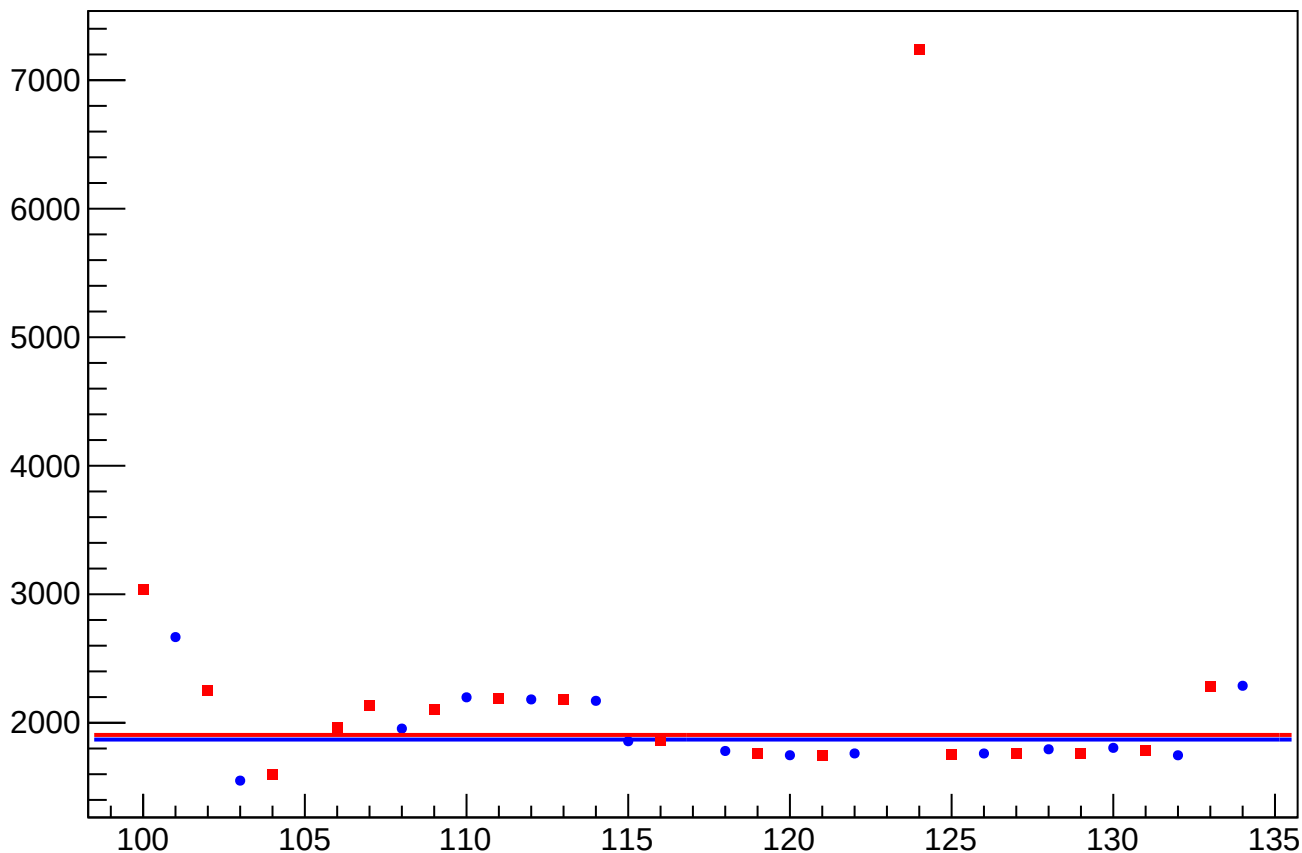
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 706.921 $\pm$ 530.072 χ^2 /NDF: 45.2/31

- sign 0.000 $\pm$ 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

Right Out: 1905.598+/-0.529 χ^2/NDF : 358163.2/16

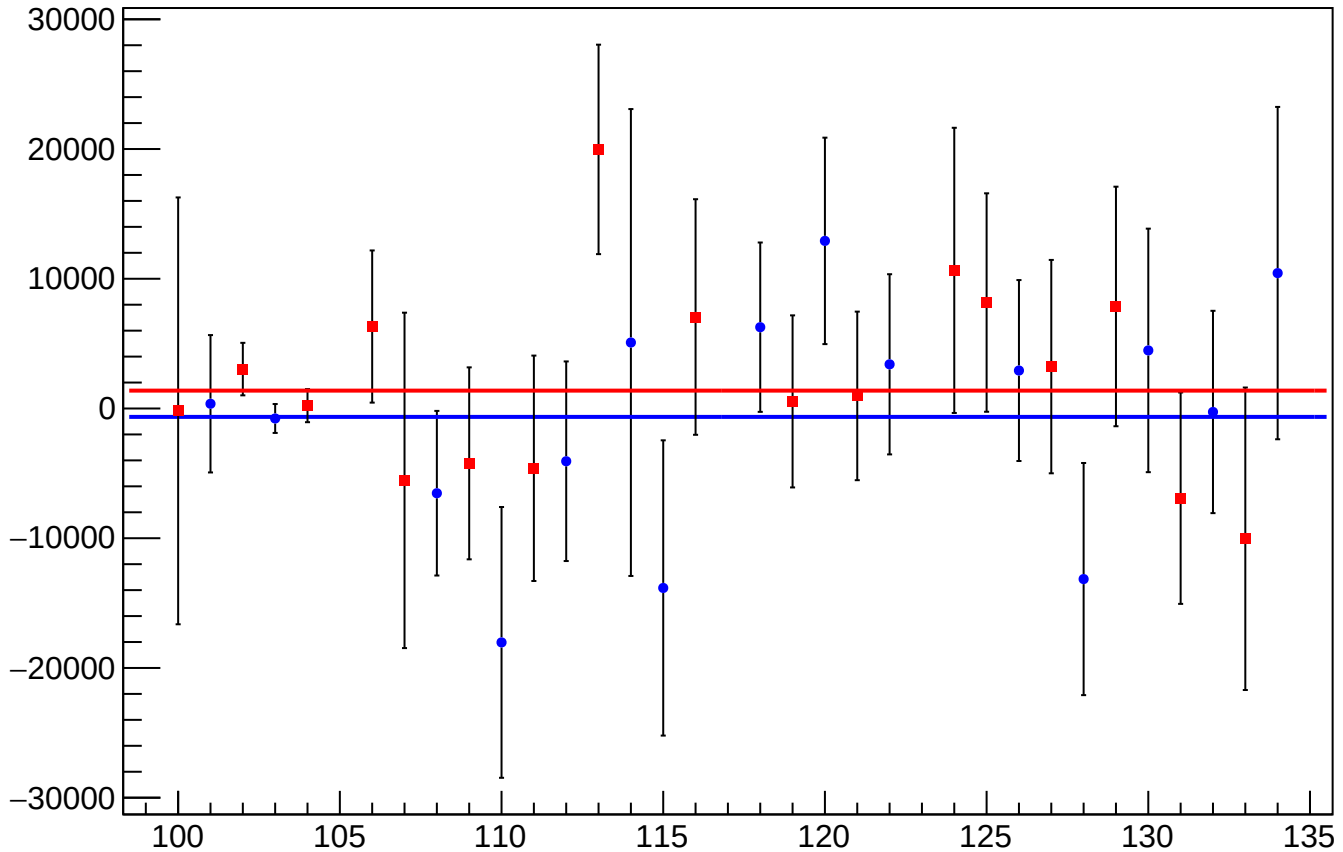
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1887.669+/-0.374 χ^2/NDF : 617714.2/31

- sign 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: 1377.978+/-964.743 χ^2/NDF : 13.2/16

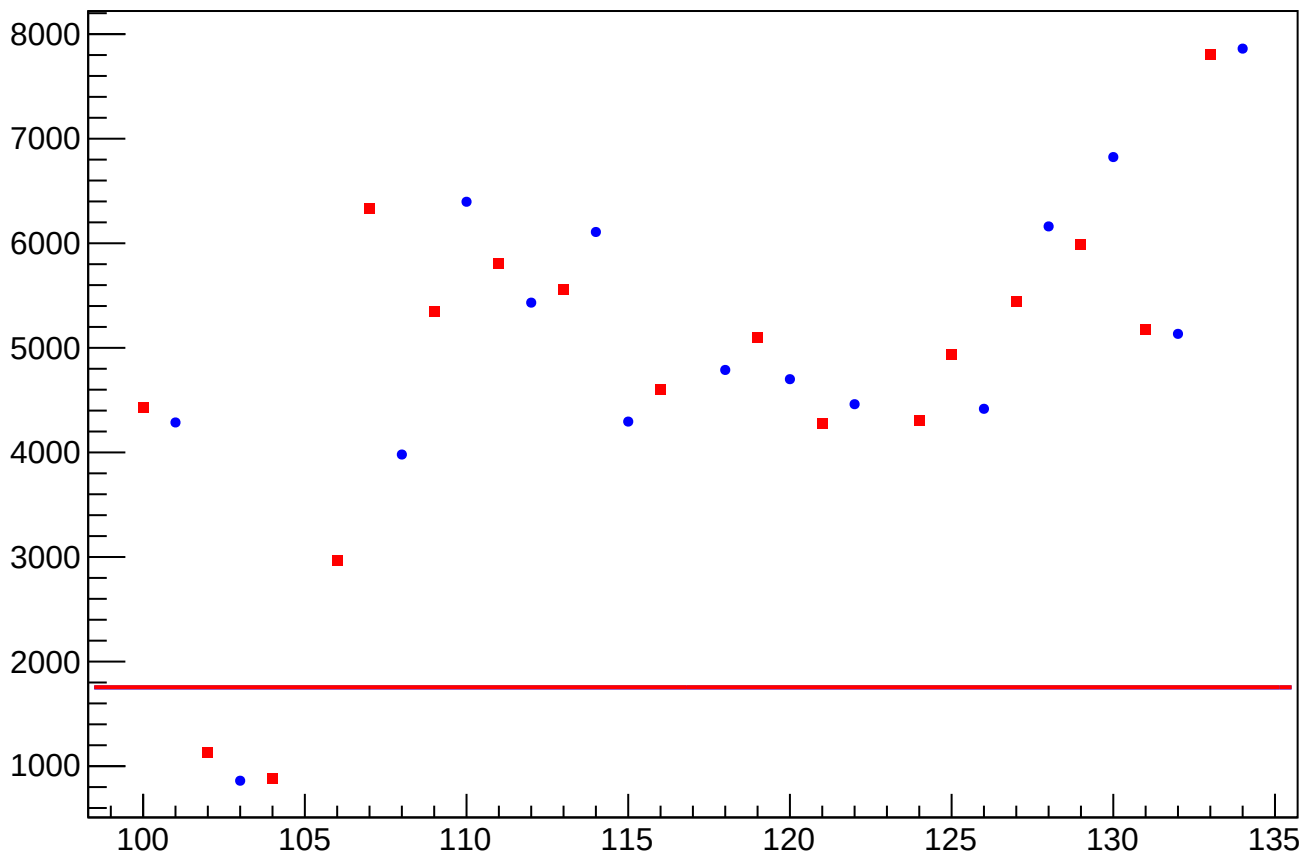
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 386.656+/-689.384 χ^2/NDF : 28.3/31

- 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

Right Out: 1754.971+/-0.682 χ^2/NDF : 5971047.9/16

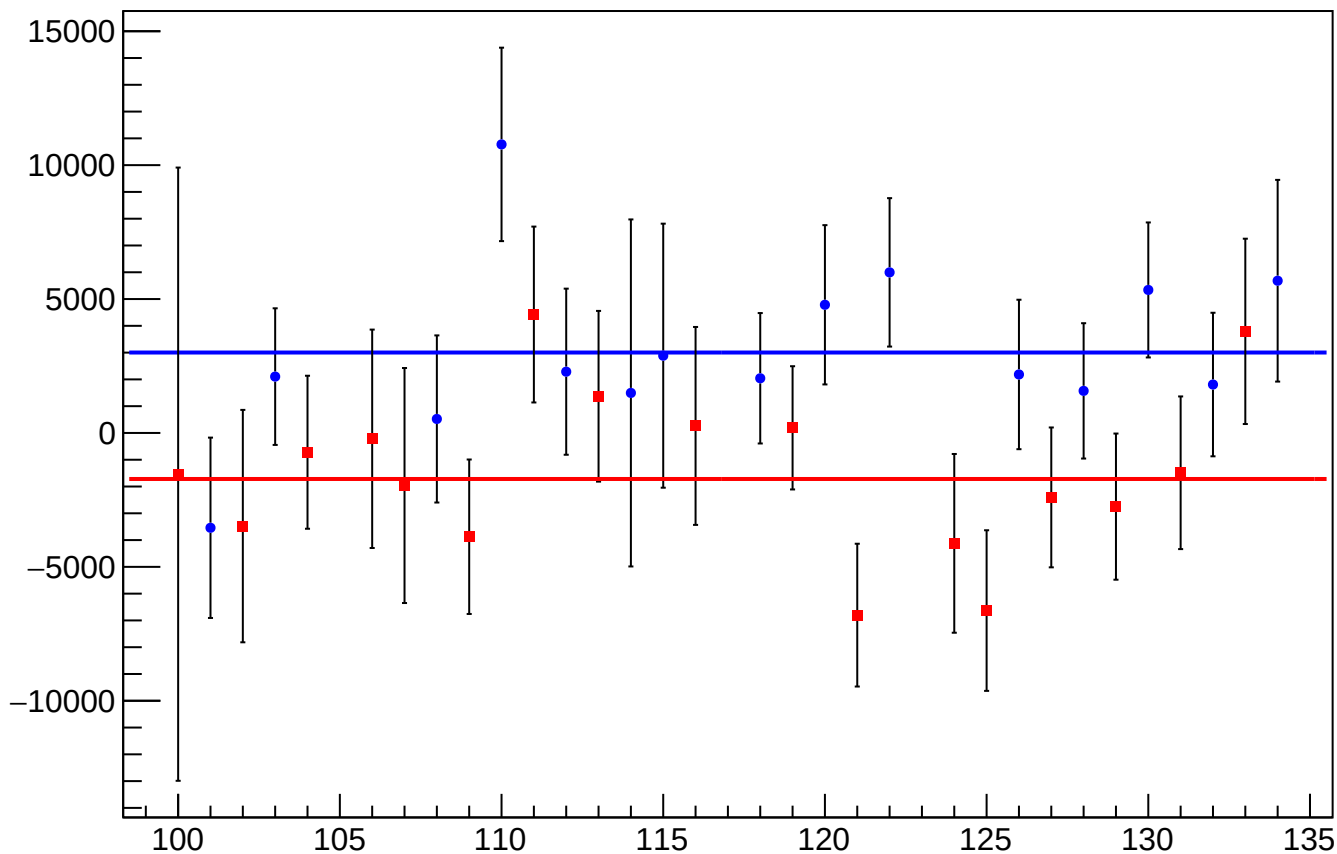
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1753.691+/-0.487 χ^2/NDF : 12231732.8/3

- sign 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: -1718.695+/-767.347 χ^2/NDF : 16.0/16

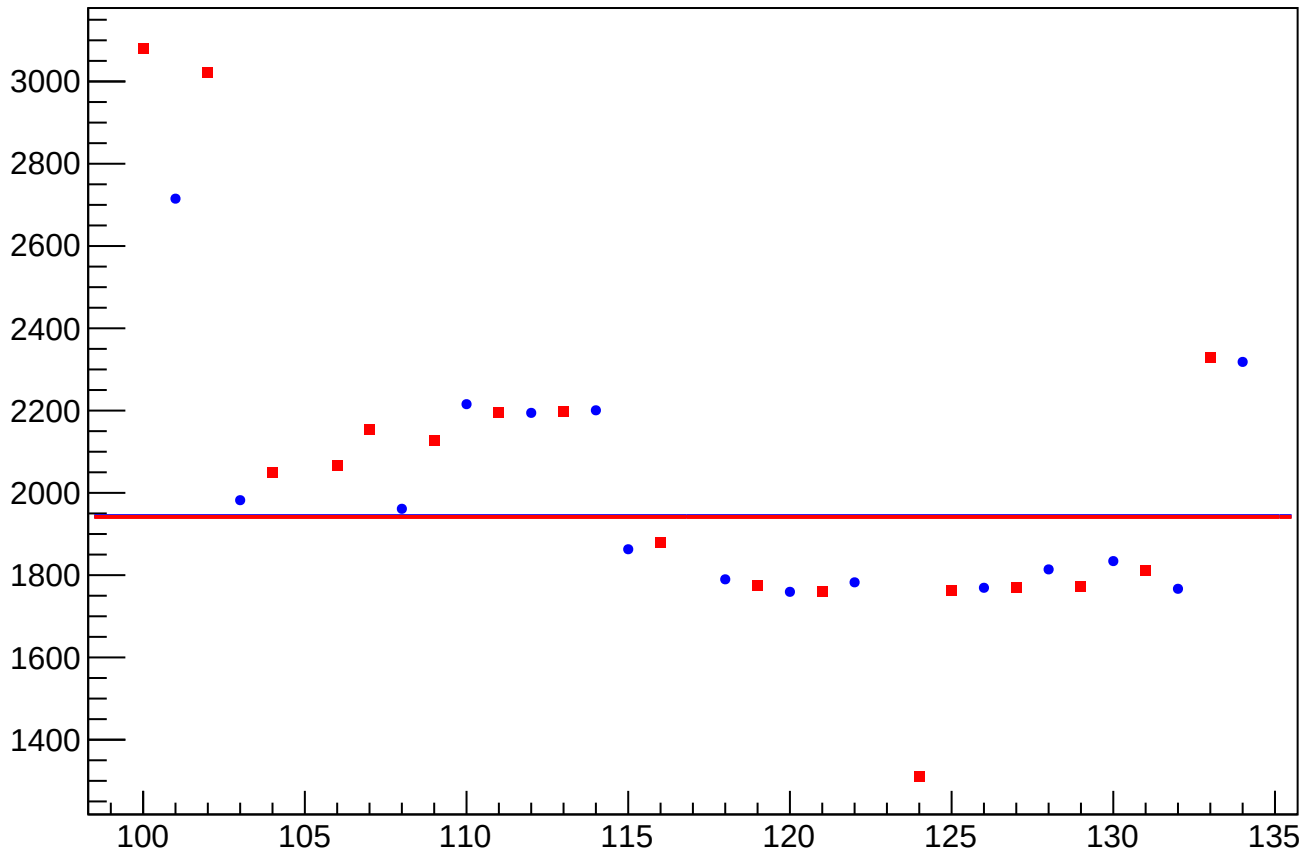
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 611.454+/-546.134 χ^2/NDF : 47.6/31

- 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: 1941.501+/-0.542 χ^2/NDF : 331031.1/16

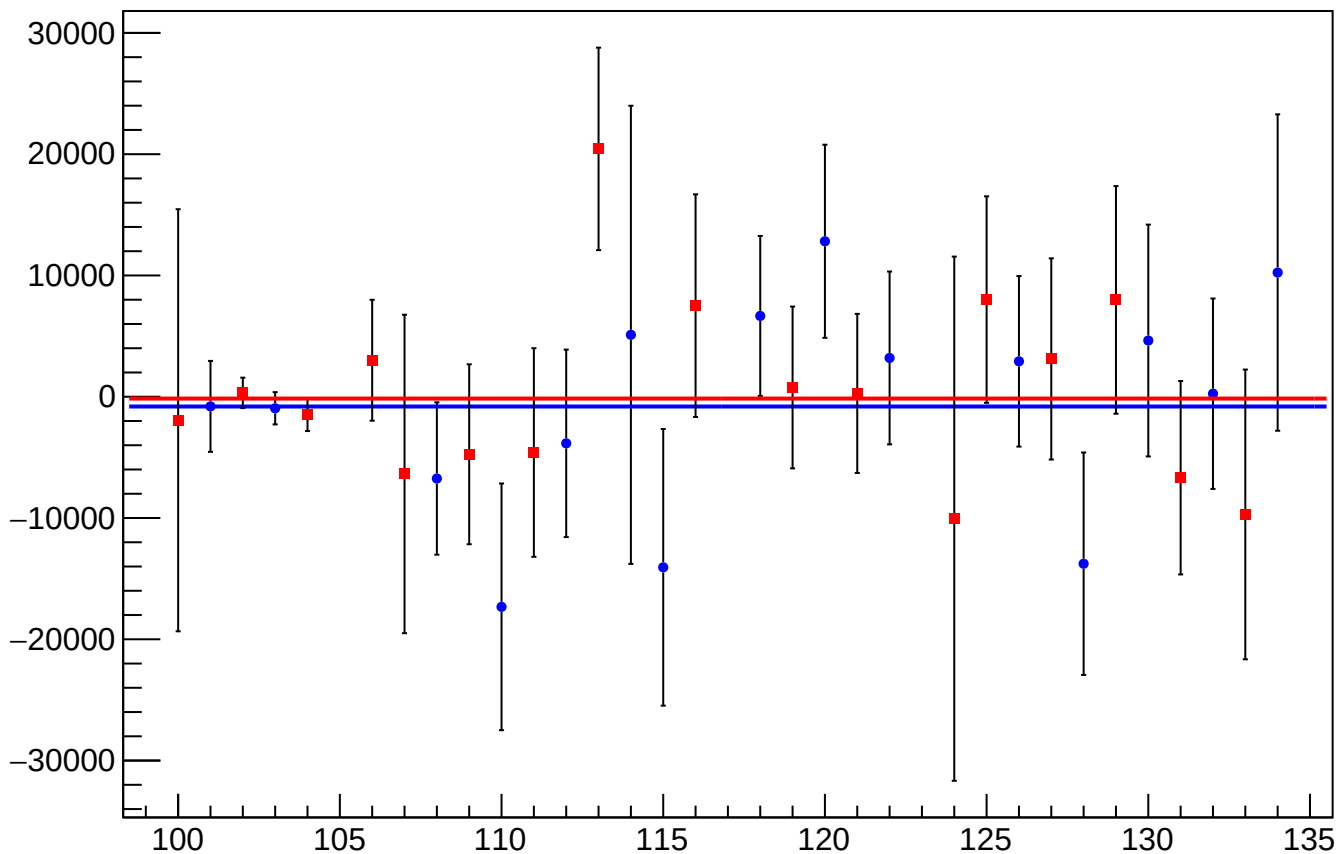
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1942.458+/-0.386 χ^2/NDF : 532415.8/31

- 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: -150.407 ± 846.484 χ^2/NDF : 12.5/16

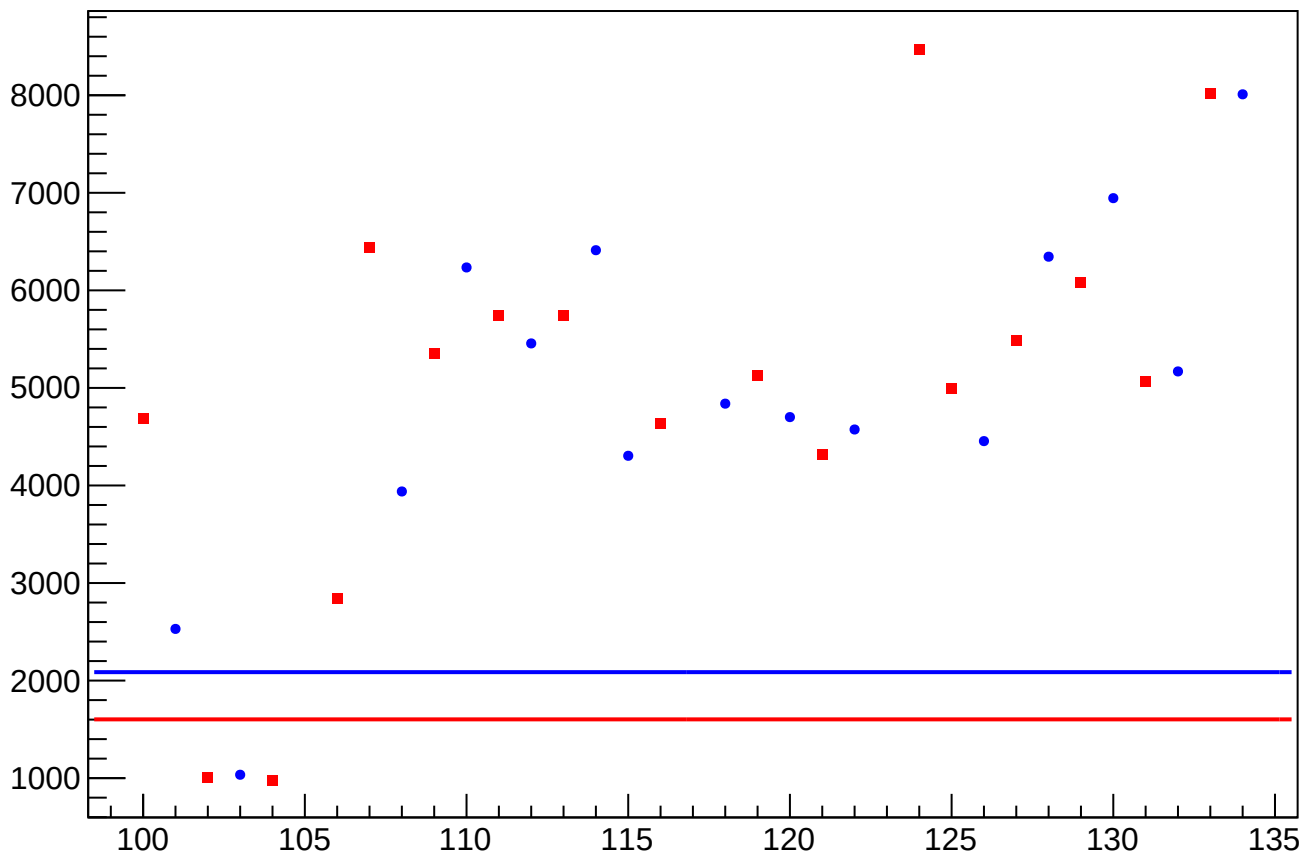
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -393.425 ± 671.521 χ^2/NDF : 25.8/31

- 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: 1602.450+/-0.599 χ^2/NDF : 6288435.7/16

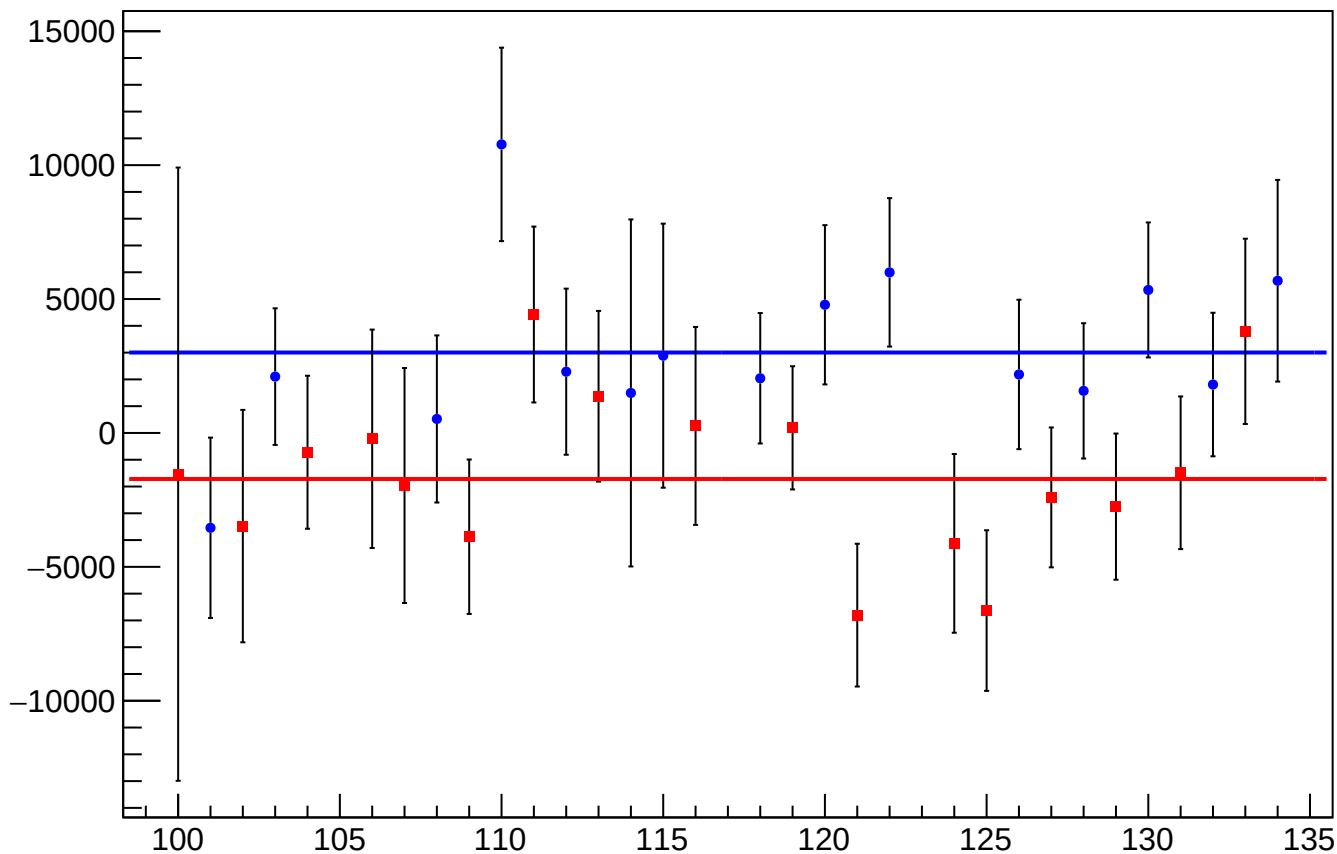
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1781.867+/-0.475 χ^2/NDF : 11579184.2/3

- 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: -1718.700+/-767.346 χ^2/NDF : 16.0/16

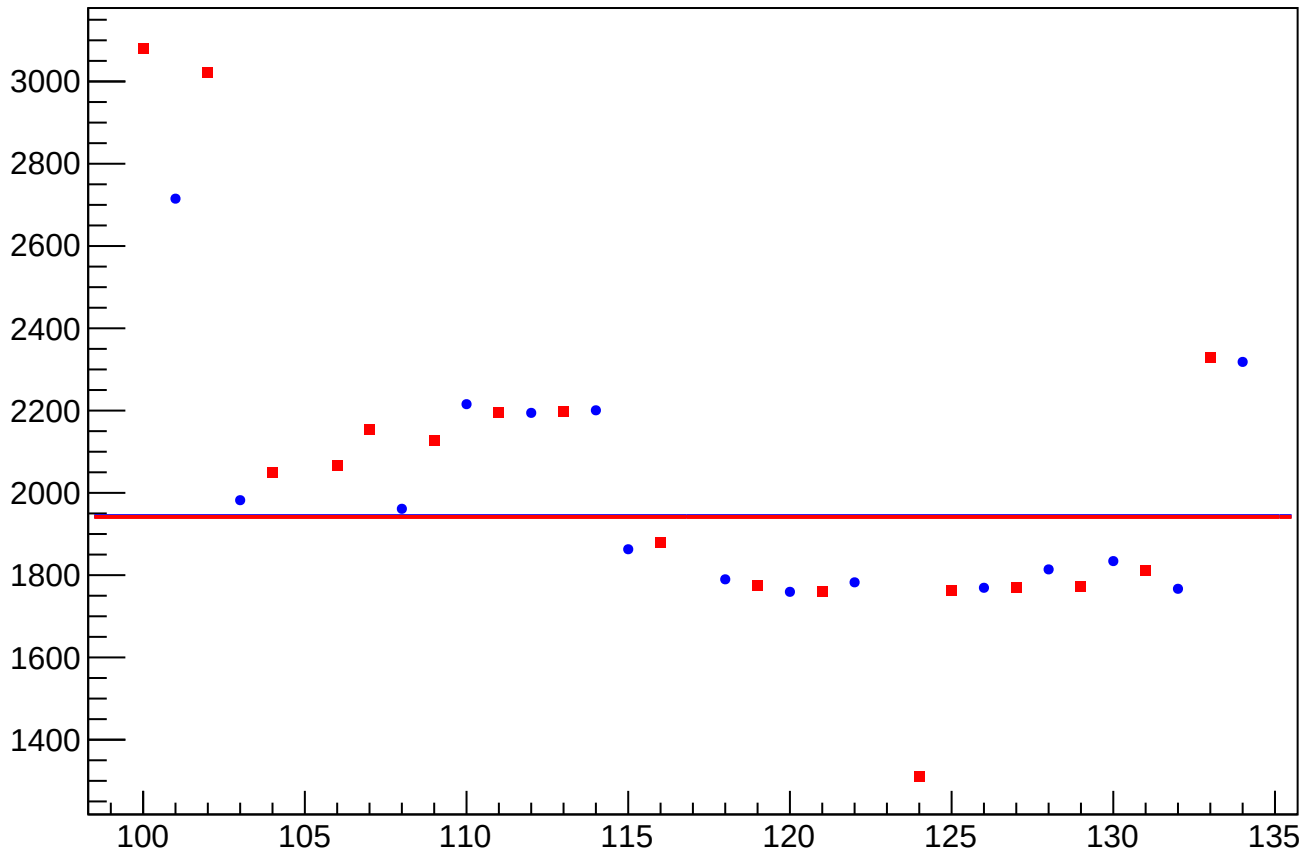
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 611.450+/-546.134 χ^2/NDF : 47.6/31

- 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: 1941.500 $\pm$ 0.542 χ^2 /NDF: 331030.3/16

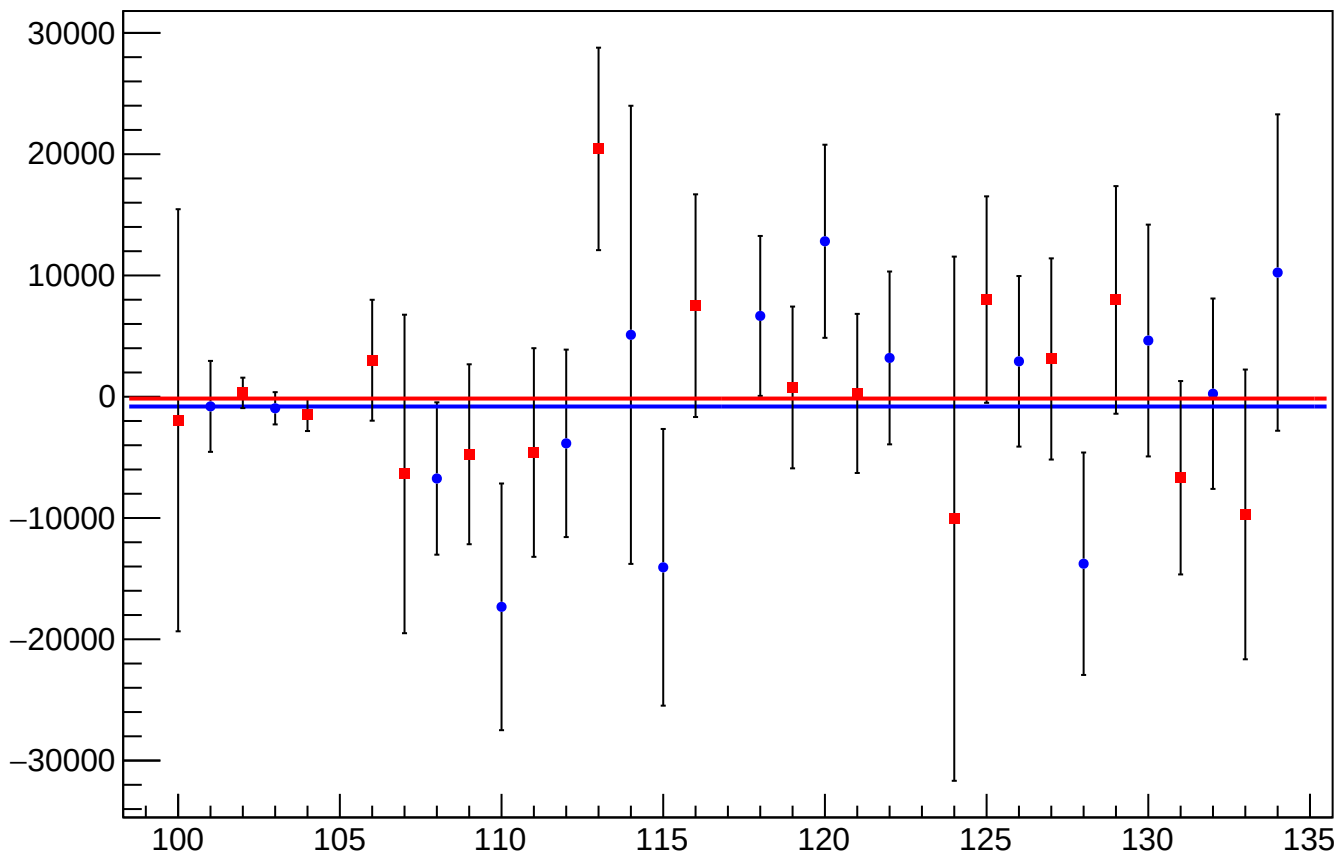
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1942.457 $\pm$ 0.386 χ^2 /NDF: 532415.3/31

- 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 $\pm$ 1102.979 χ^2 /NDF: 13.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -150.401 $\pm$ 846.483 χ^2 /NDF: 12.5/16

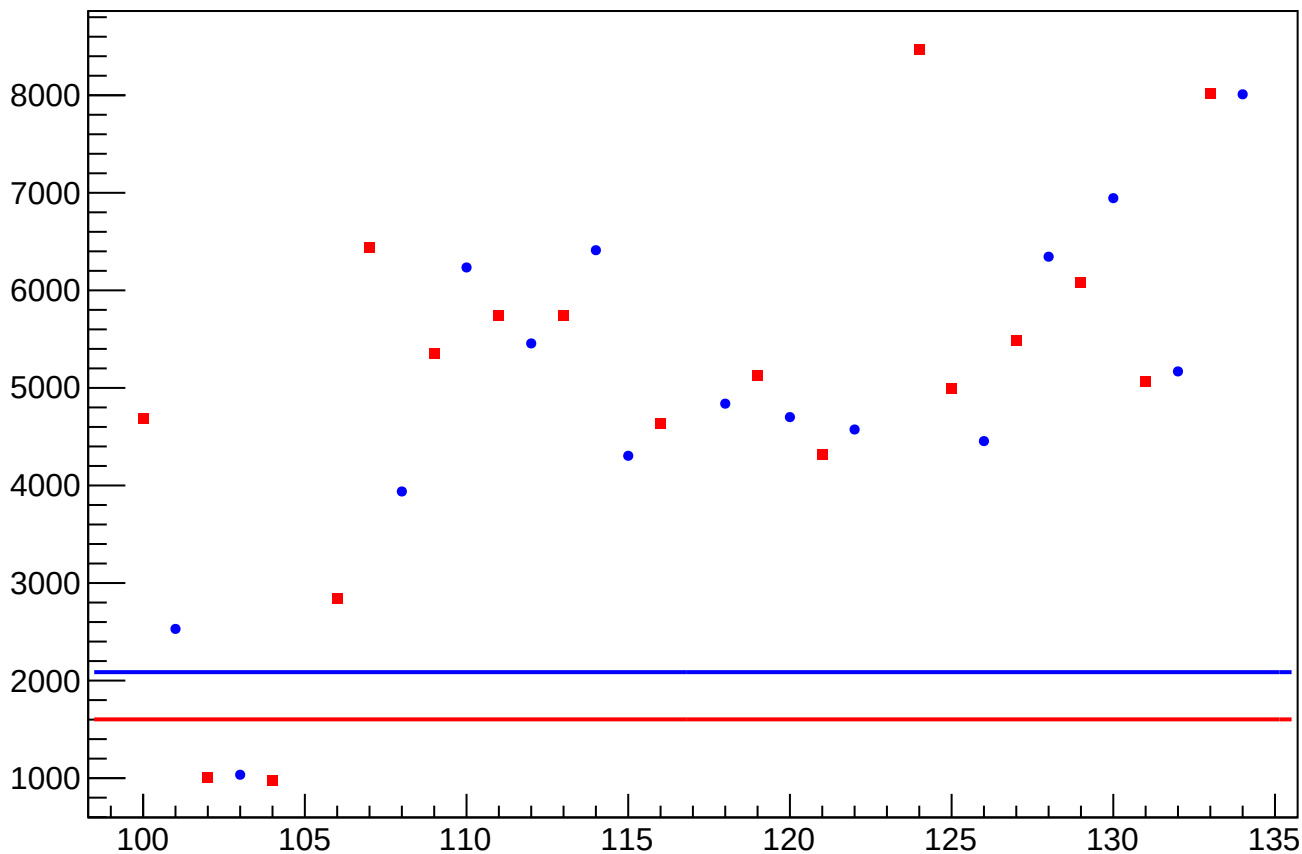
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -393.422 $\pm$ 671.520 χ^2 /NDF: 25.8/31

- sign 0.000 $\pm$ 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

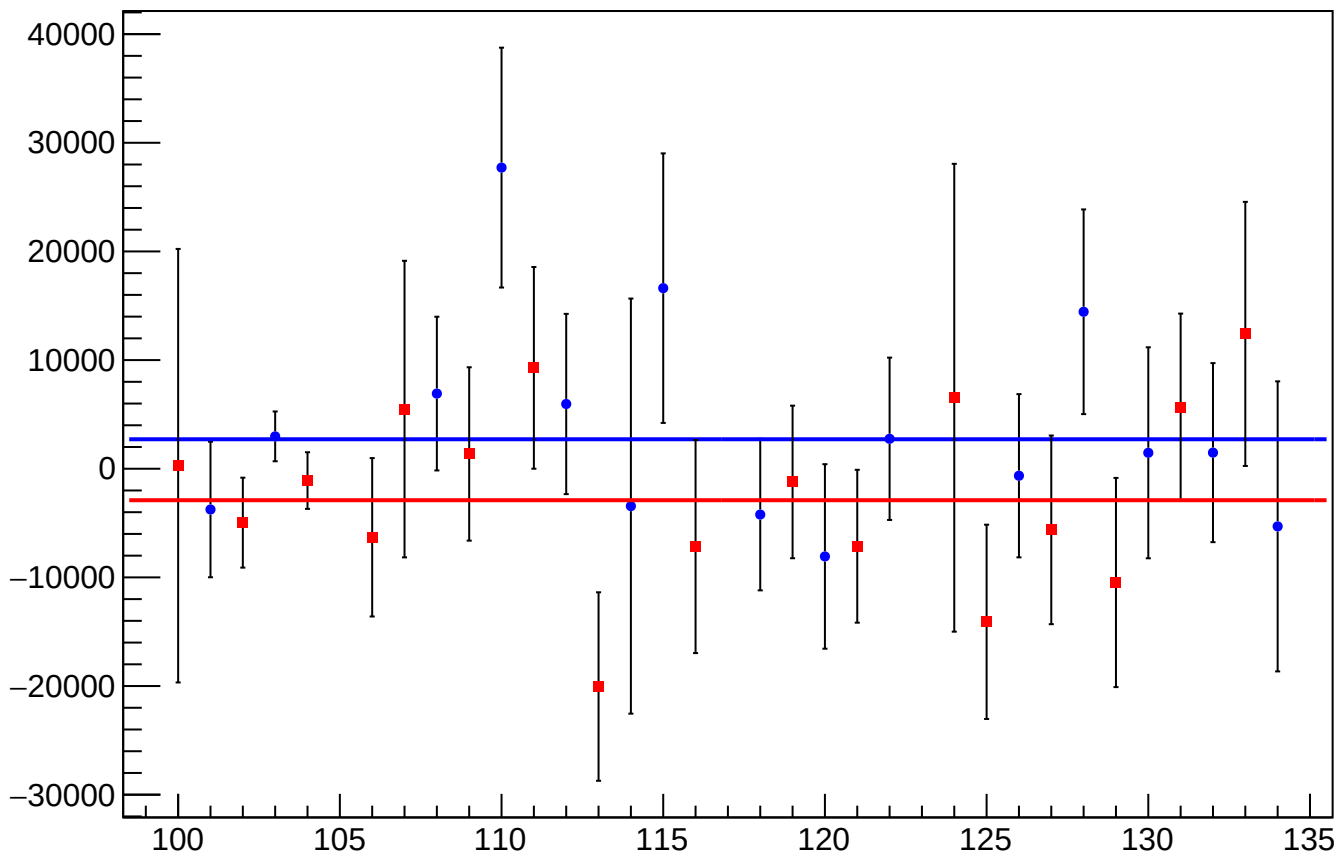
Right Out: 1602.450+/-0.599 χ^2/NDF : 6288425.4/16

All: 1781.867+/-0.475 χ^2/NDF : 11579163.5/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_mean vs Slug



Right In: 2712.558+/-1621.566 χ^2/NDF : 12.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2897.691+/-1616.492 χ^2/NDF : 12.9/16

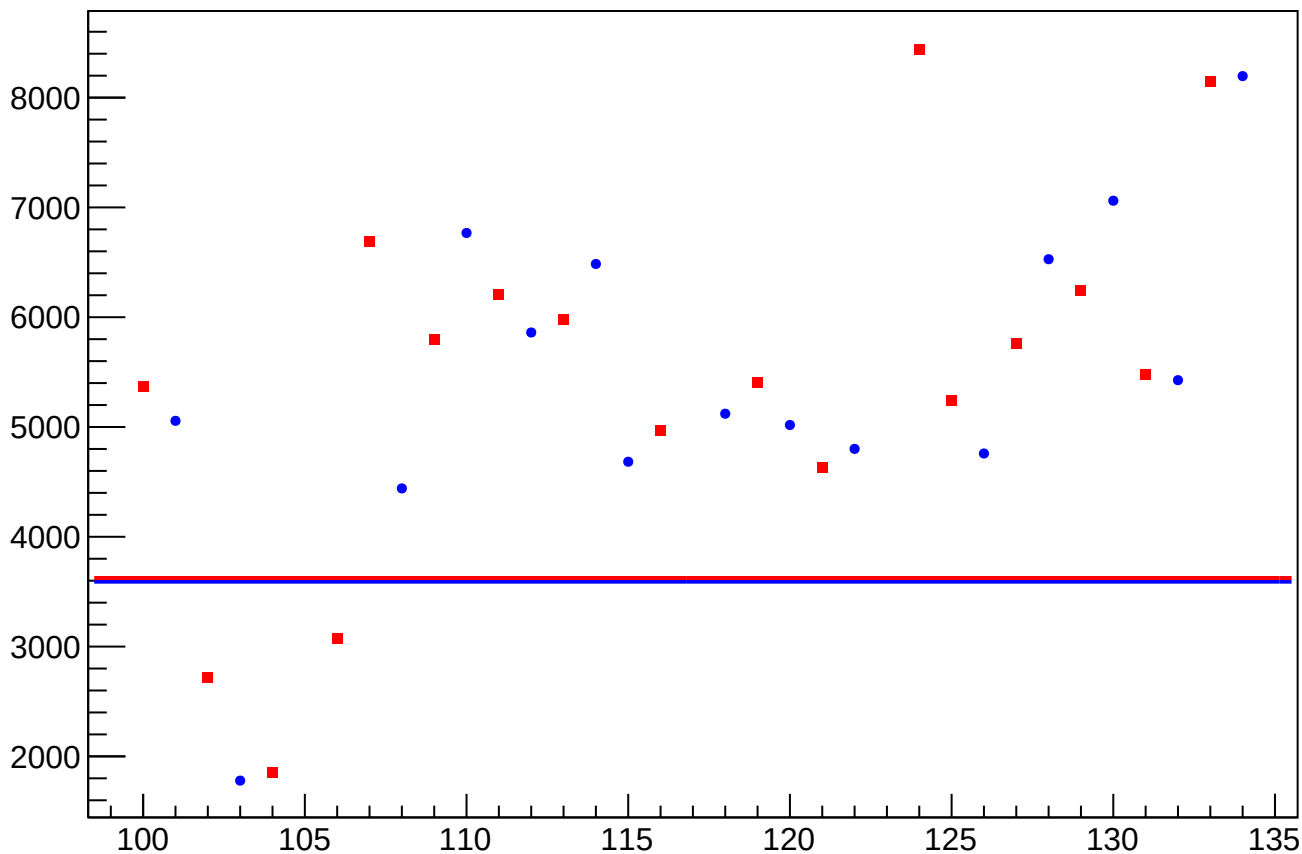
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.359+/-1144.822 χ^2/NDF : 31.8/31

- sign 0.000+/-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

Right Out: 3624.602+/-1.131 χ^2/NDF : 2616588.9/16

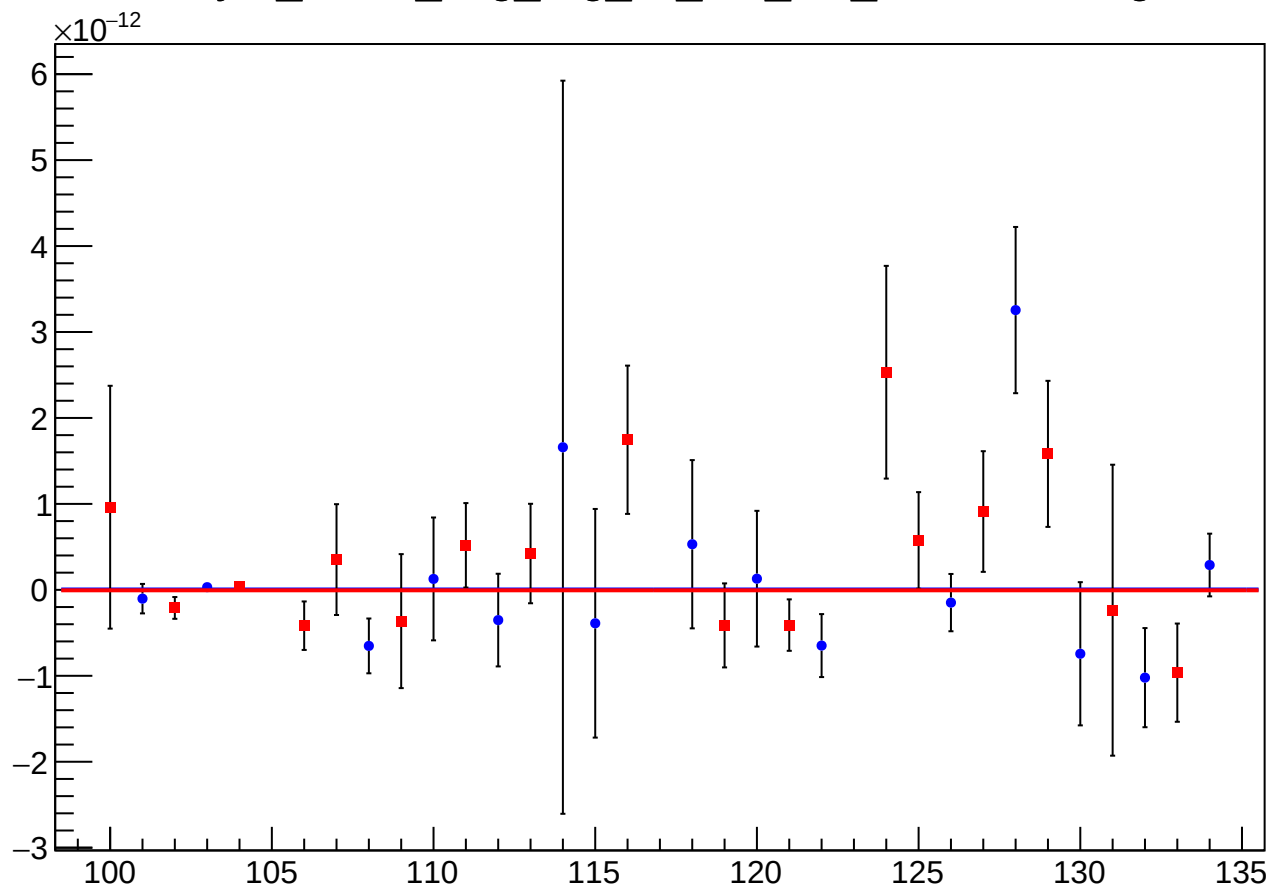
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3608.250+/-0.805 χ^2/NDF : 5423653.0/31

- sign 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 : 27.9/16

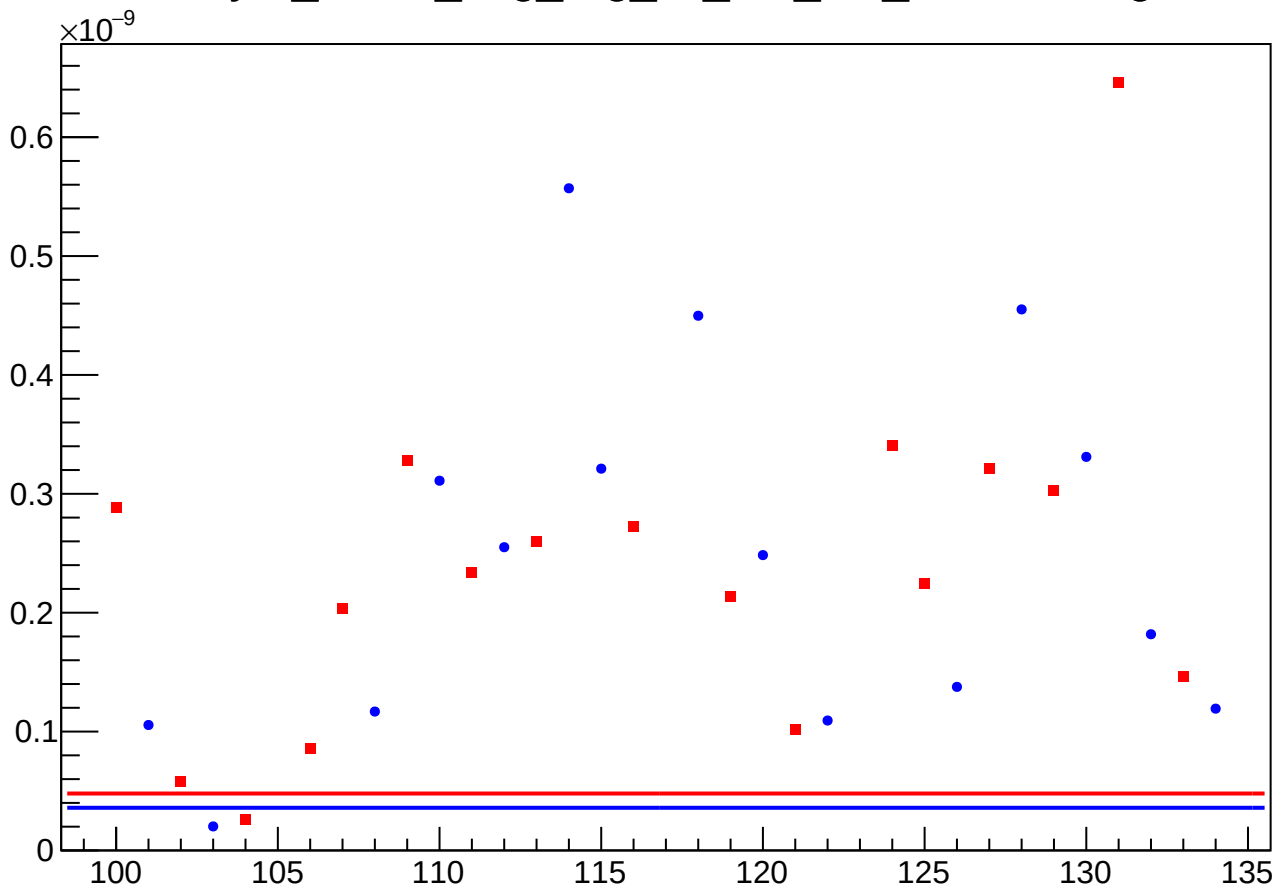
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 53.2/31

- 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 : 2888035.0/16

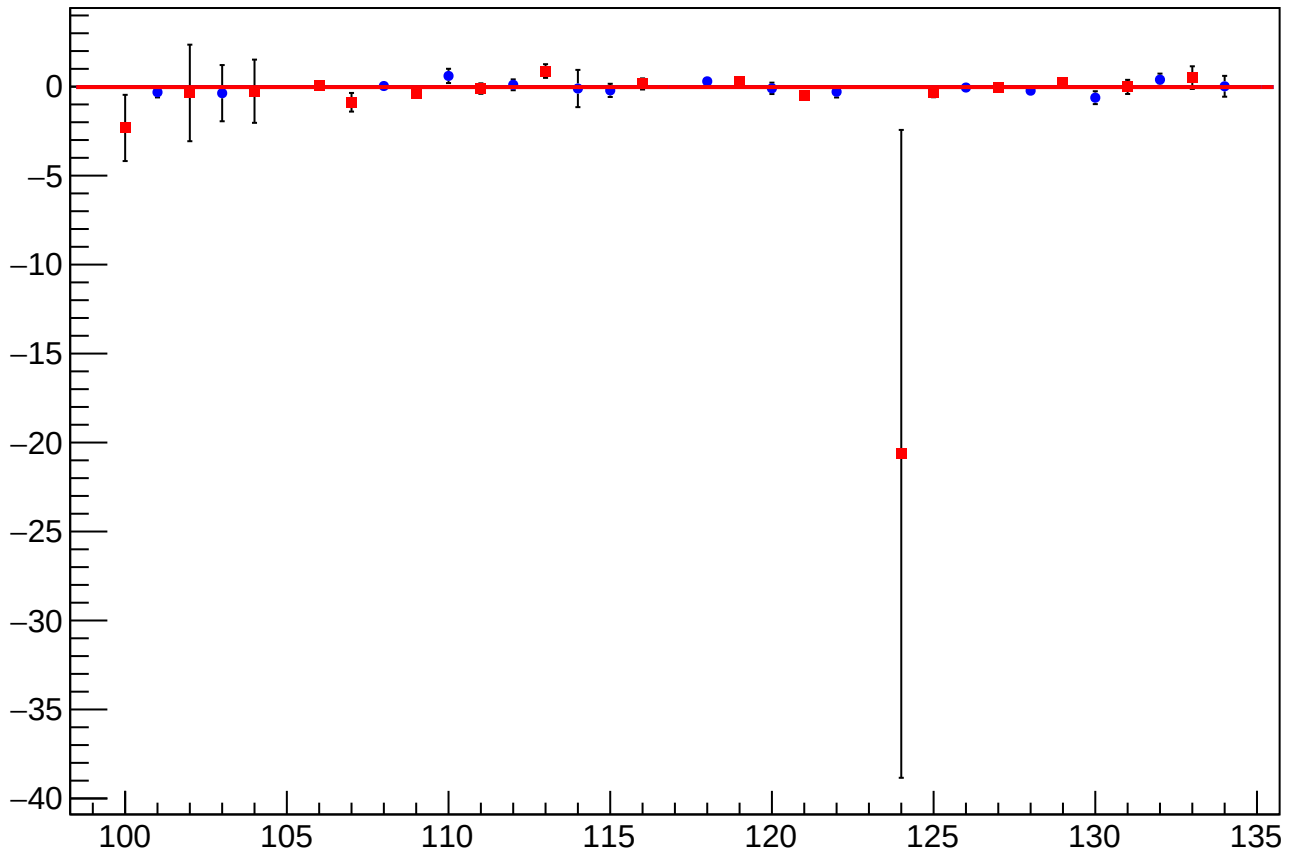
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6075910.2/31

- 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 ± 0.084 χ^2/NDF : 11.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.024 ± 0.083 χ^2/NDF : 20.9/16

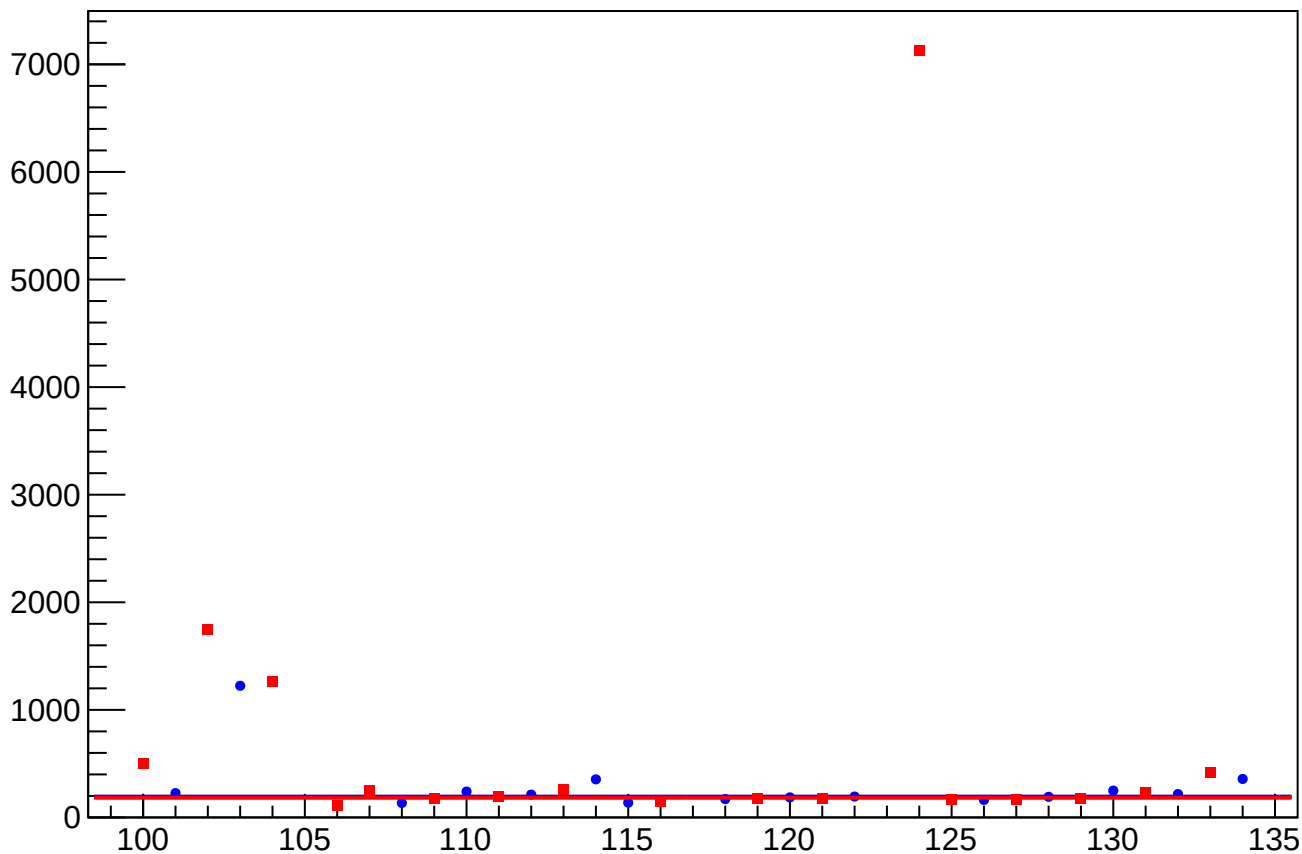
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.023 ± 0.059 χ^2/NDF : 32.2/31

- sign 0.000 ± 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: 183.215+/-0.058 χ^2/NDF : 2414378.8/16

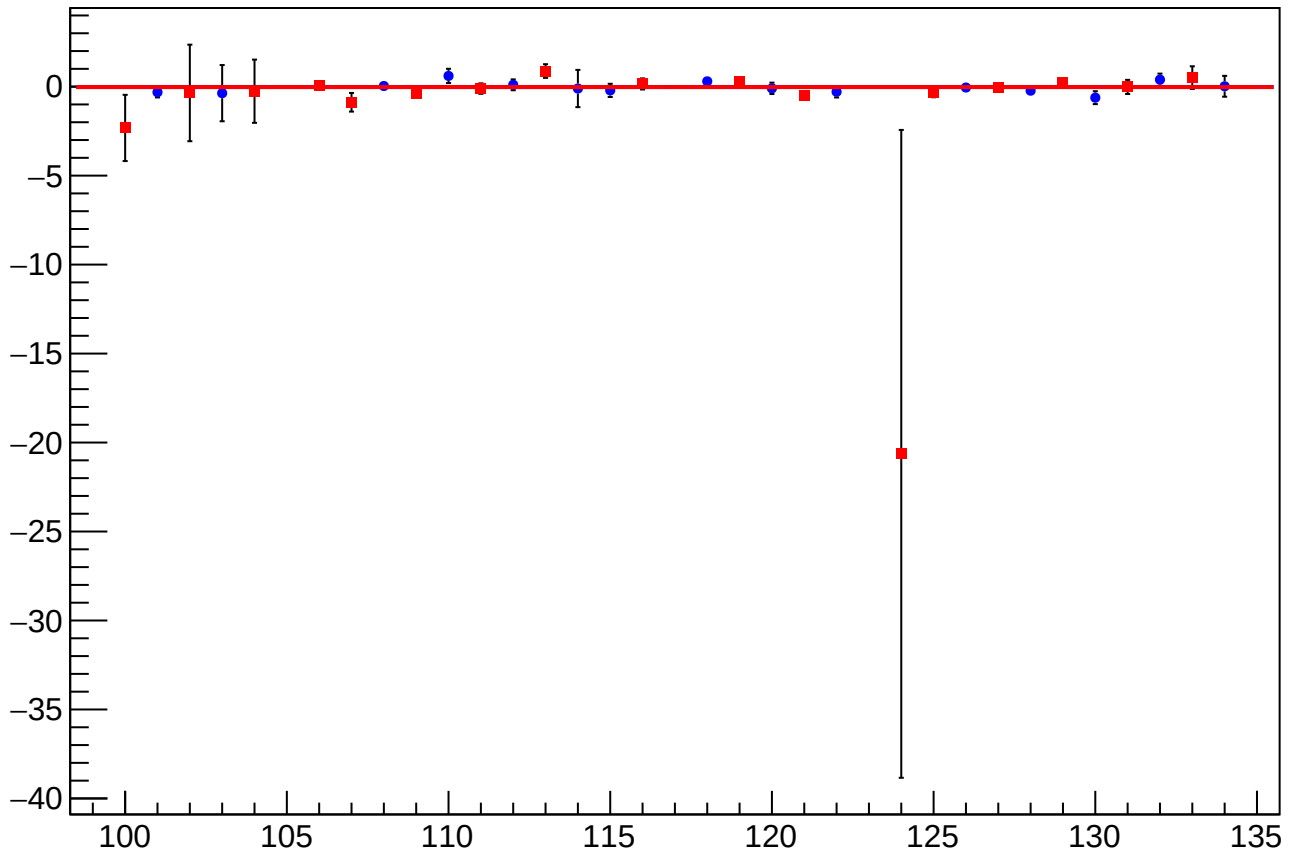
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.190+/-0.042 χ^2/NDF : 3837523.8/31

- 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 $\pm$ 0.084 χ^2/NDF : 11.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.024 $\pm$ 0.083 χ^2/NDF : 20.9/16

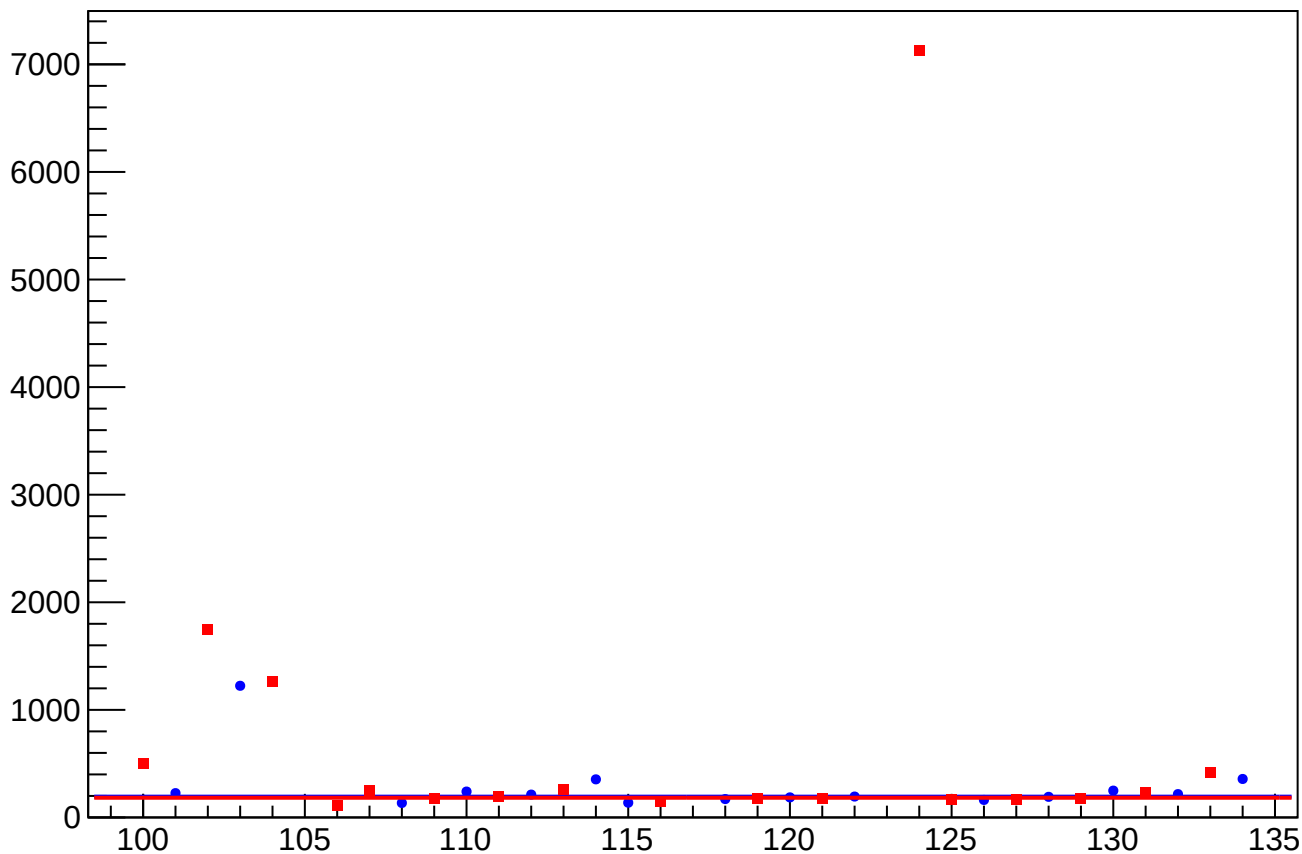
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.023 $\pm$ 0.059 χ^2/NDF : 32.2/31

- sign 0.000 $\pm$ 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: 183.215+/-0.058 χ^2/NDF : 2414378.8/16

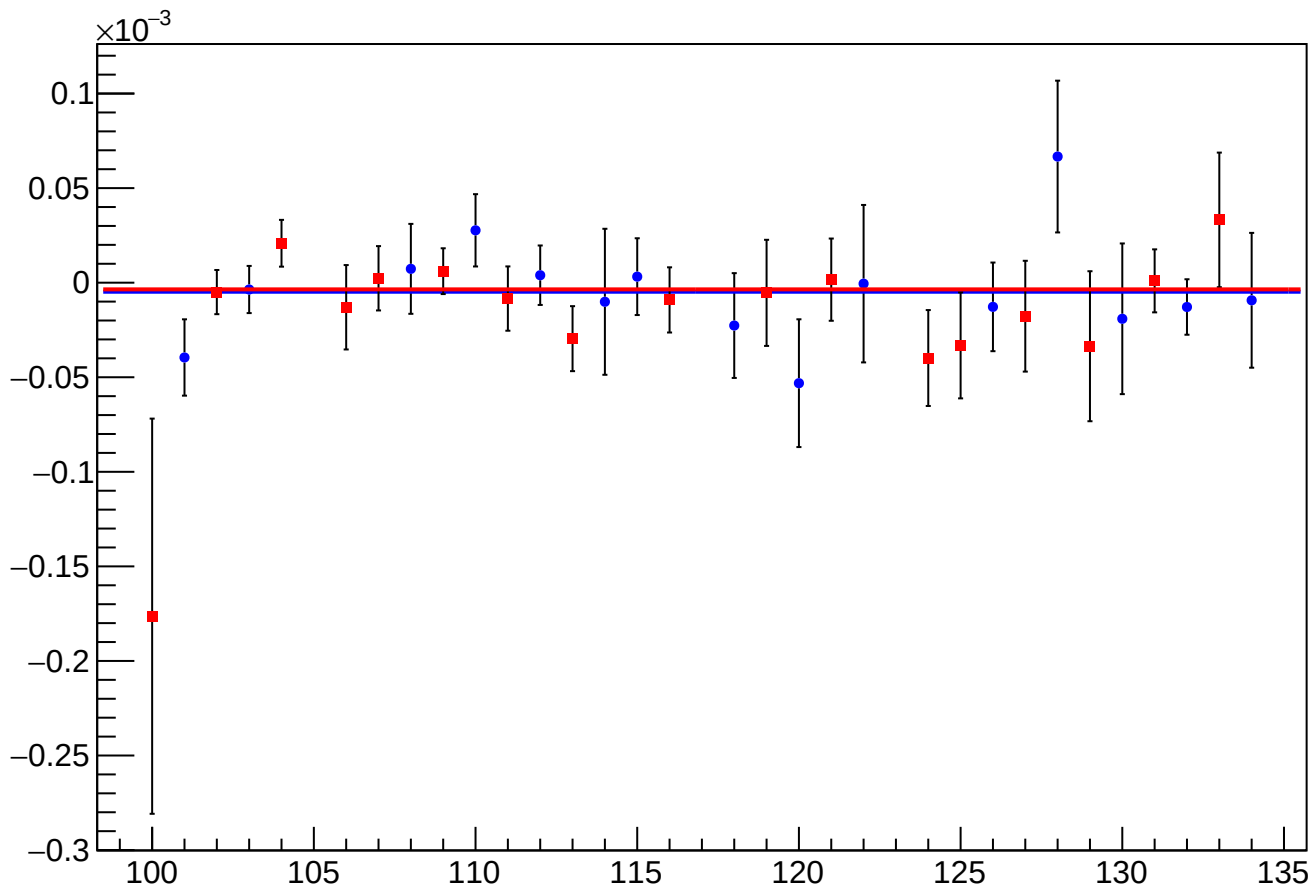
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.190+/-0.042 χ^2/NDF : 3837523.8/31

- 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: 15.2/16

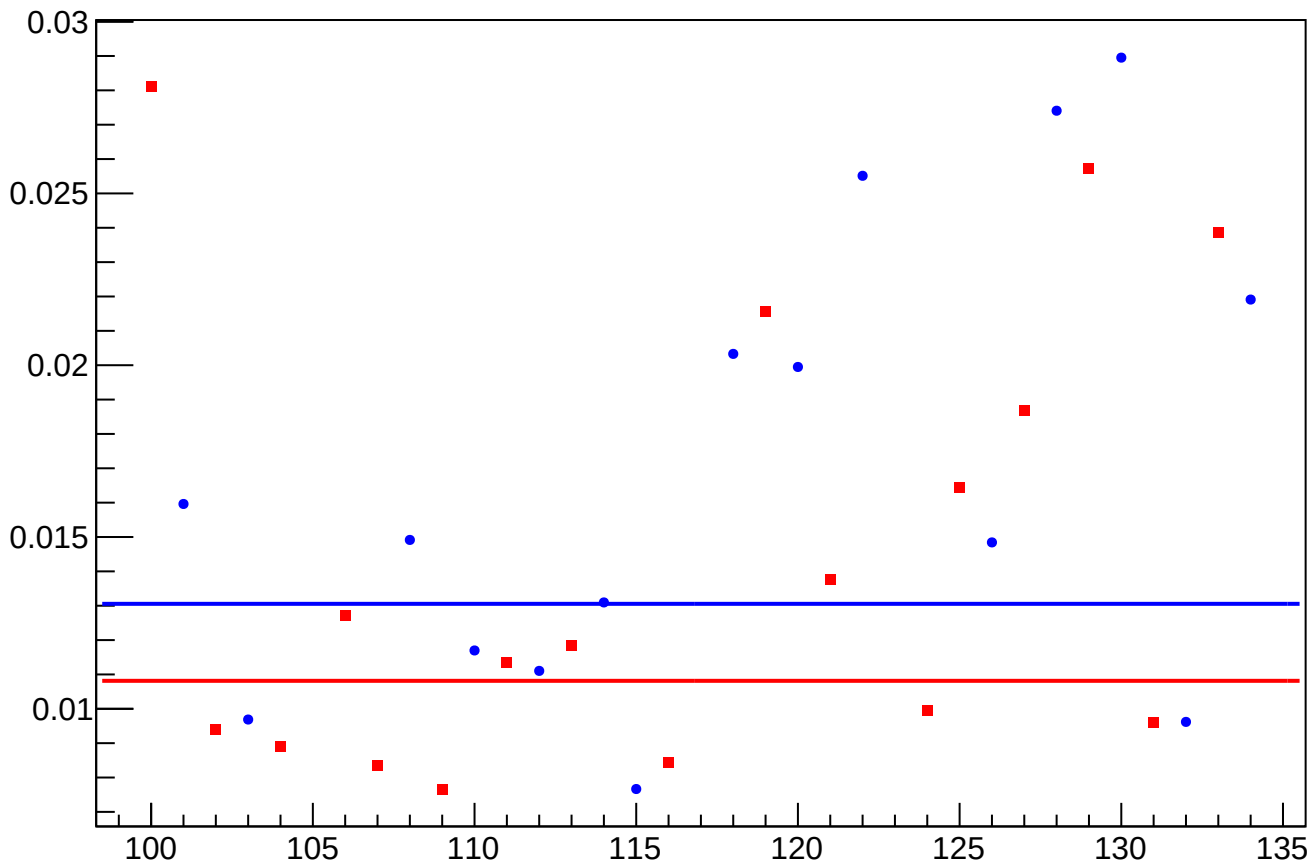
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 28.1/31

- 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 : 1492720.1/16

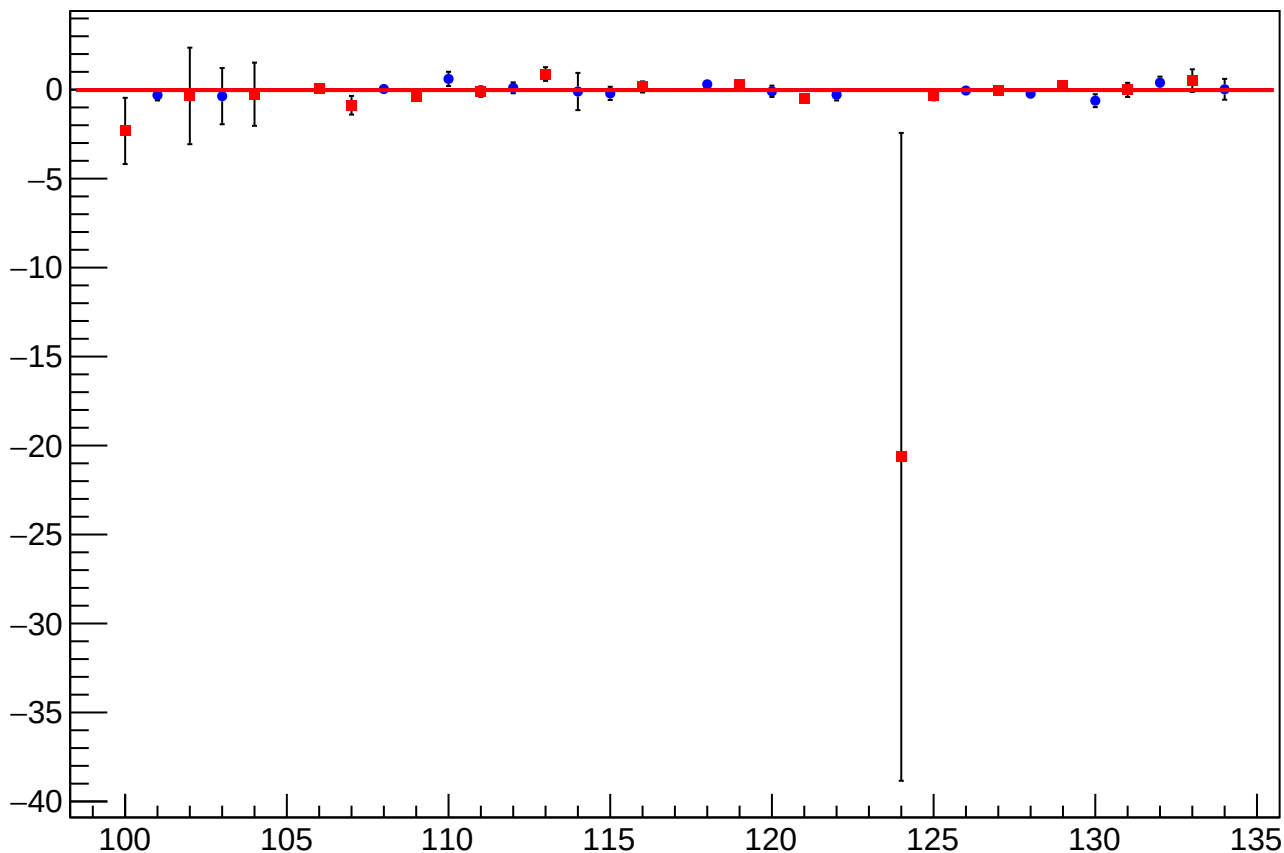
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 3287366.0/31

- 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 ± 0.084 χ^2/NDF : 11.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.024 ± 0.083 χ^2/NDF : 20.9/16

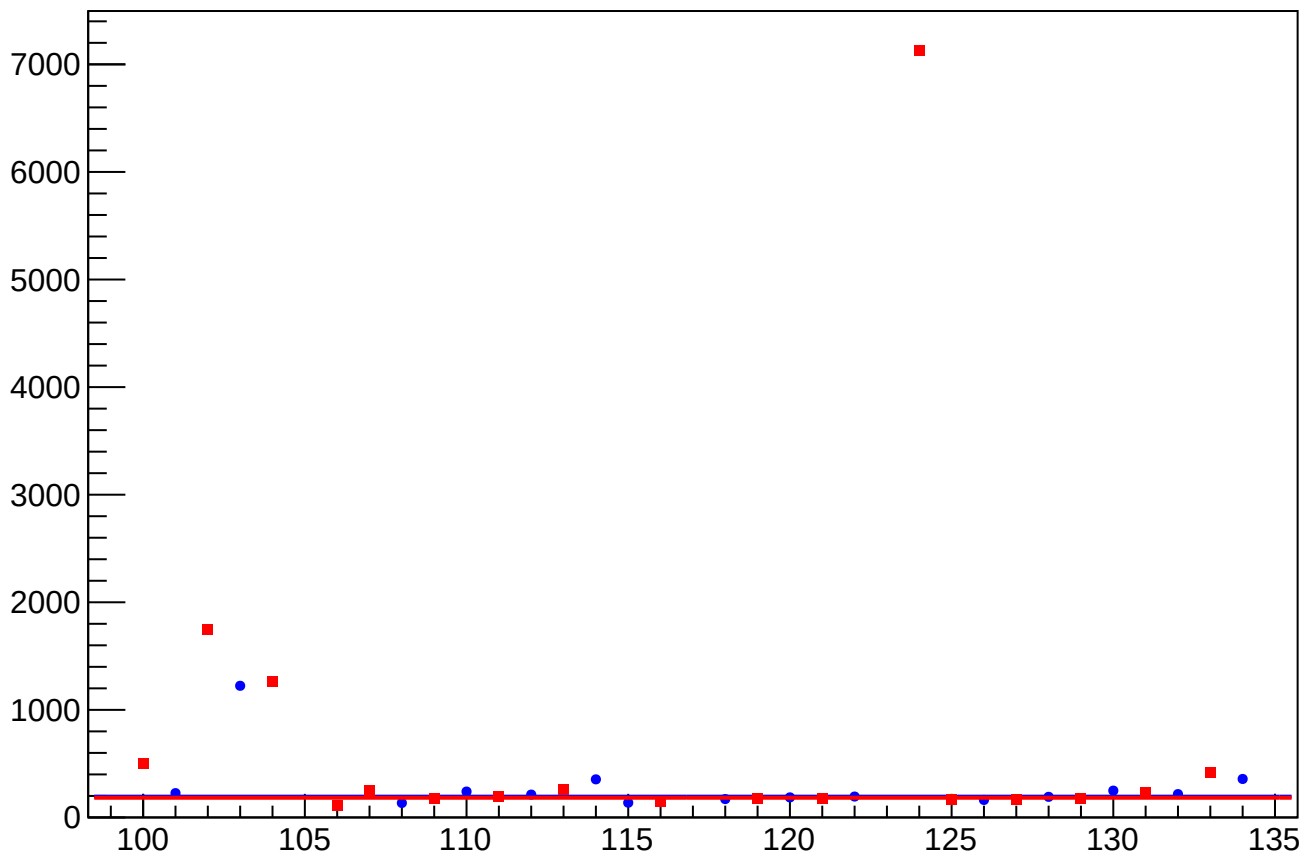
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.023 ± 0.059 χ^2/NDF : 32.2/31

- sign 0.000 ± 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: 183.212+/-0.058 χ^2/NDF : 2414396.3/16

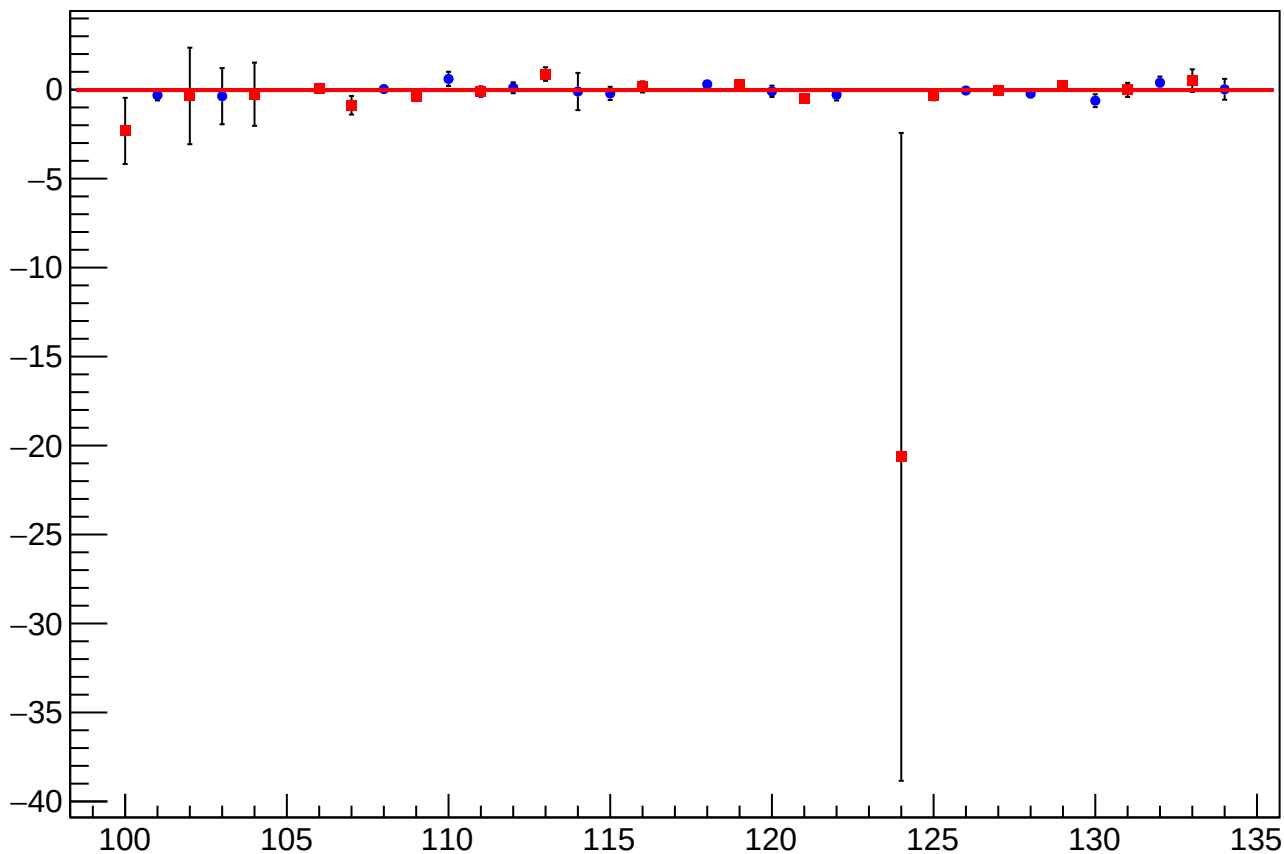
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.187+/-0.042 χ^2/NDF : 3837536.2/31

- 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: -0.024 ± 0.083 χ^2/NDF : 20.9/16

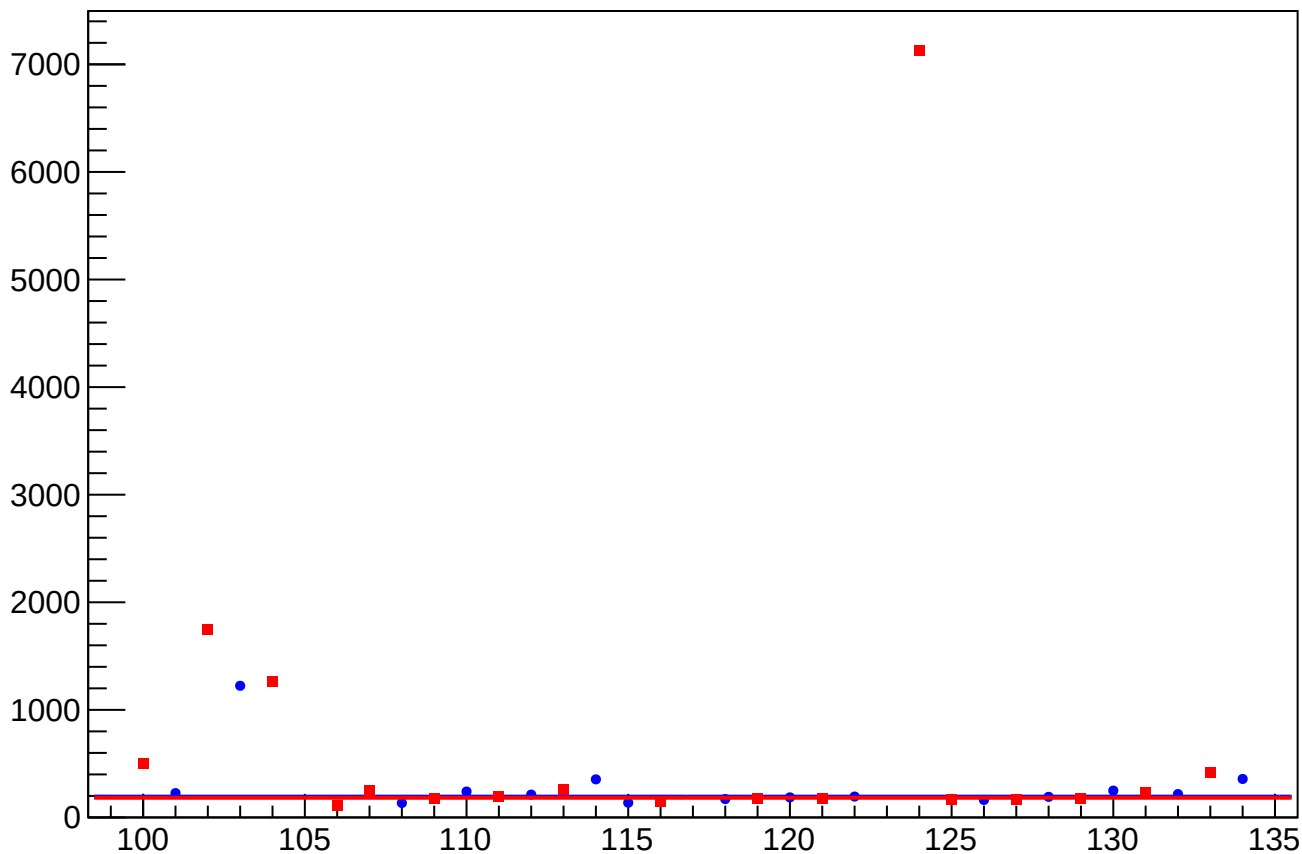
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.023 ± 0.059 χ^2/NDF : 32.2/31

- 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: 183.212+/-0.058 χ^2/NDF : 2414396.3/16

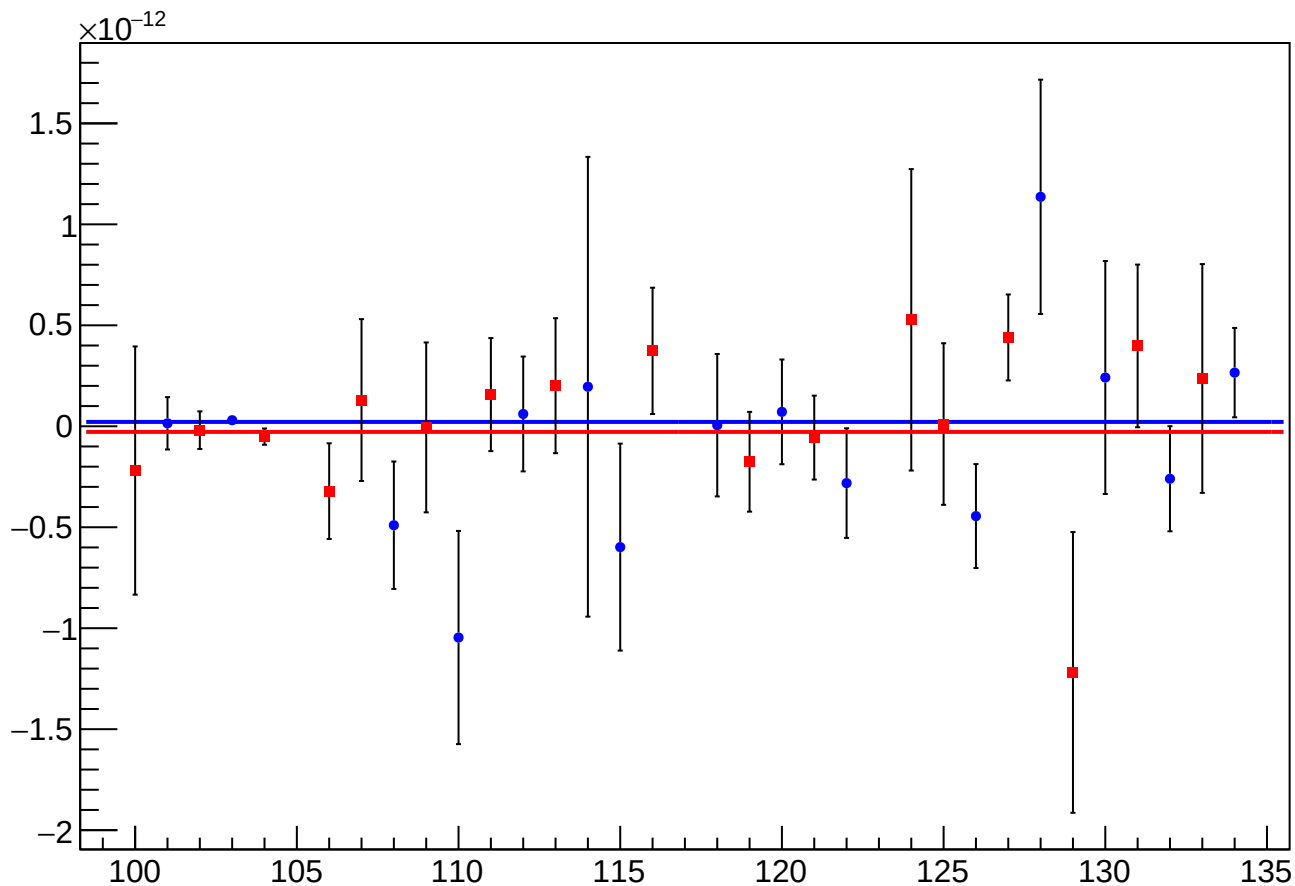
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.187+/-0.042 χ^2/NDF : 3837536.2/31

- 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 $\pm$ 0.000 χ^2 /NDF: 19.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.7/16

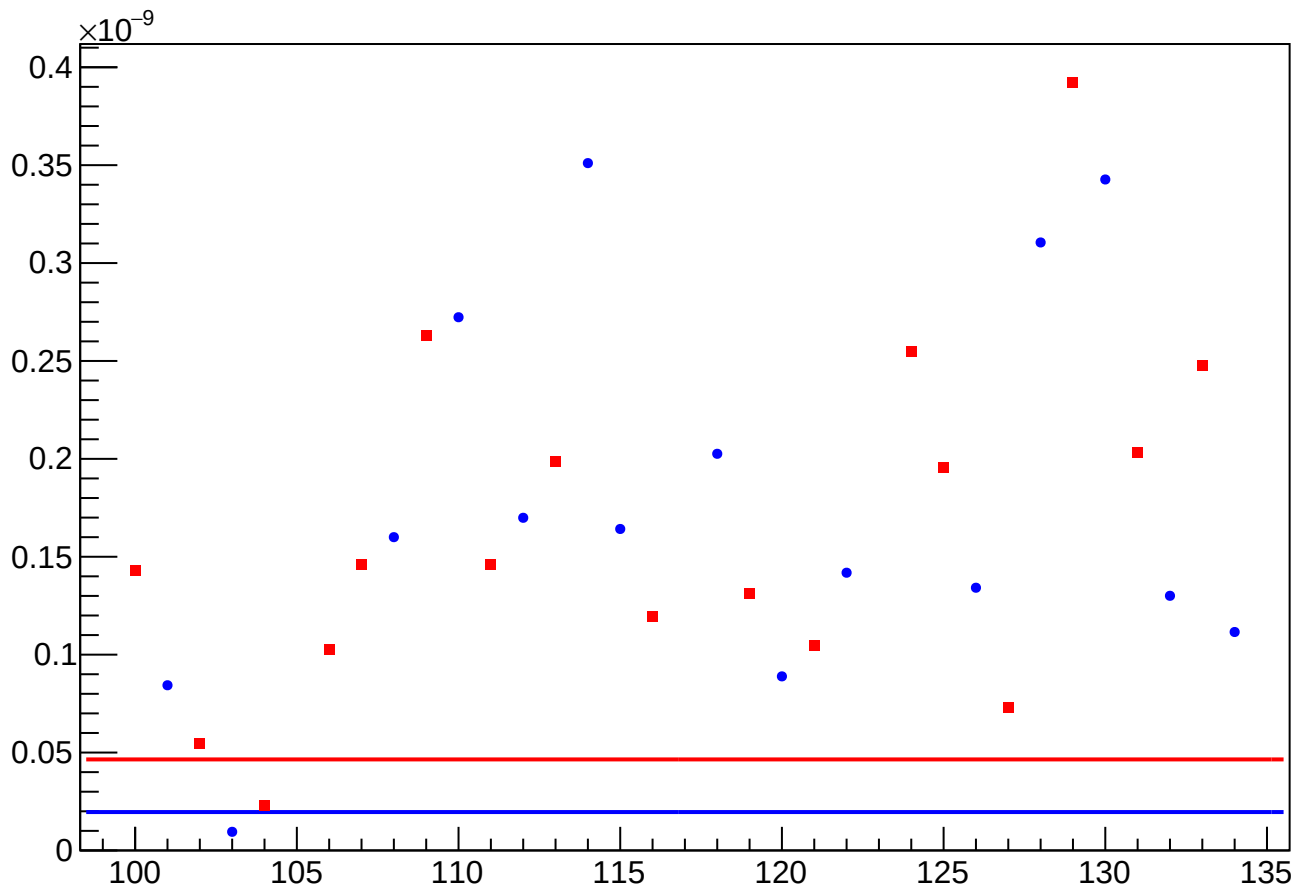
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 35.4/31

- sign 0.000 $\pm$ 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 : 4181726.1/16

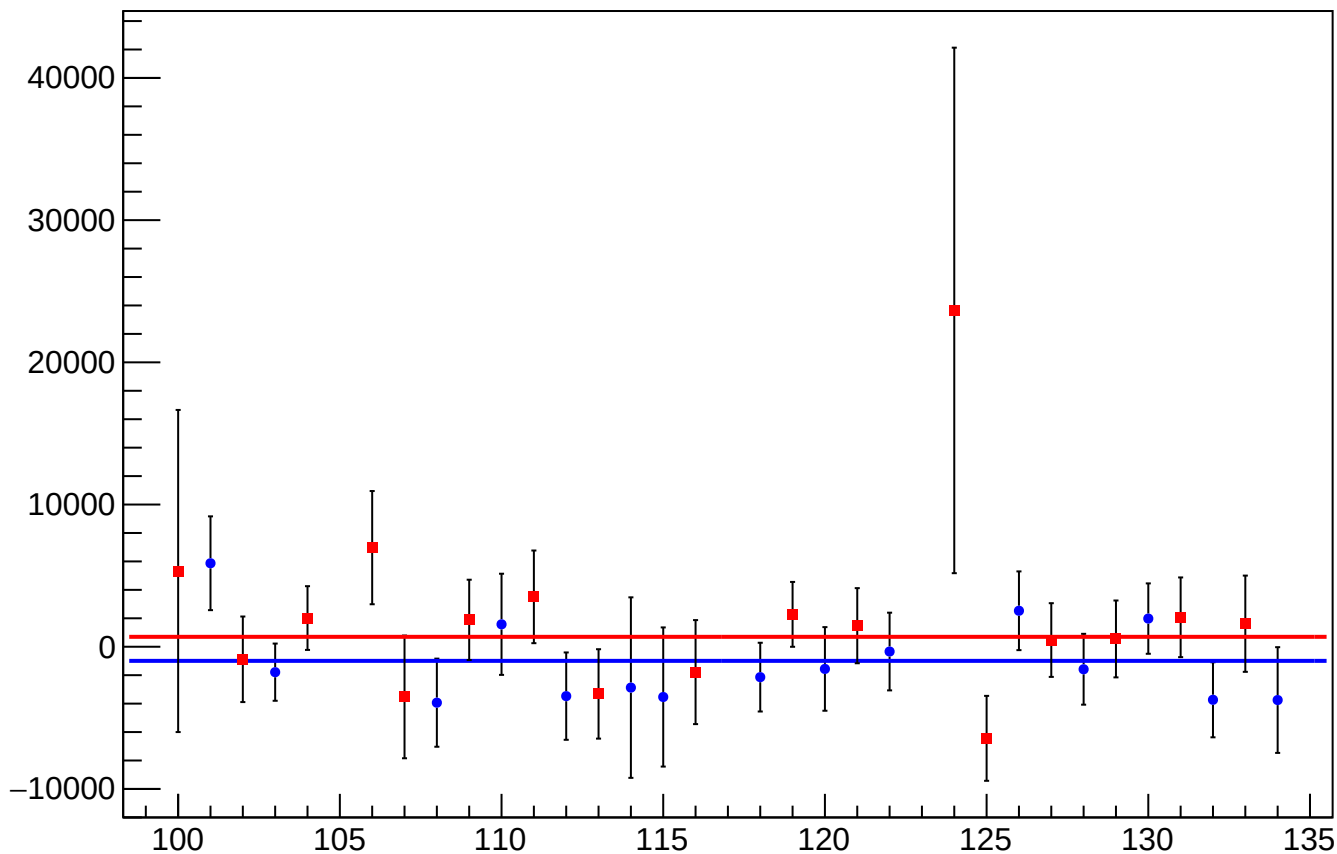
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11048659.8/31

- 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: 697.182 ± 749.364 χ^2/NDF : 15.4/16

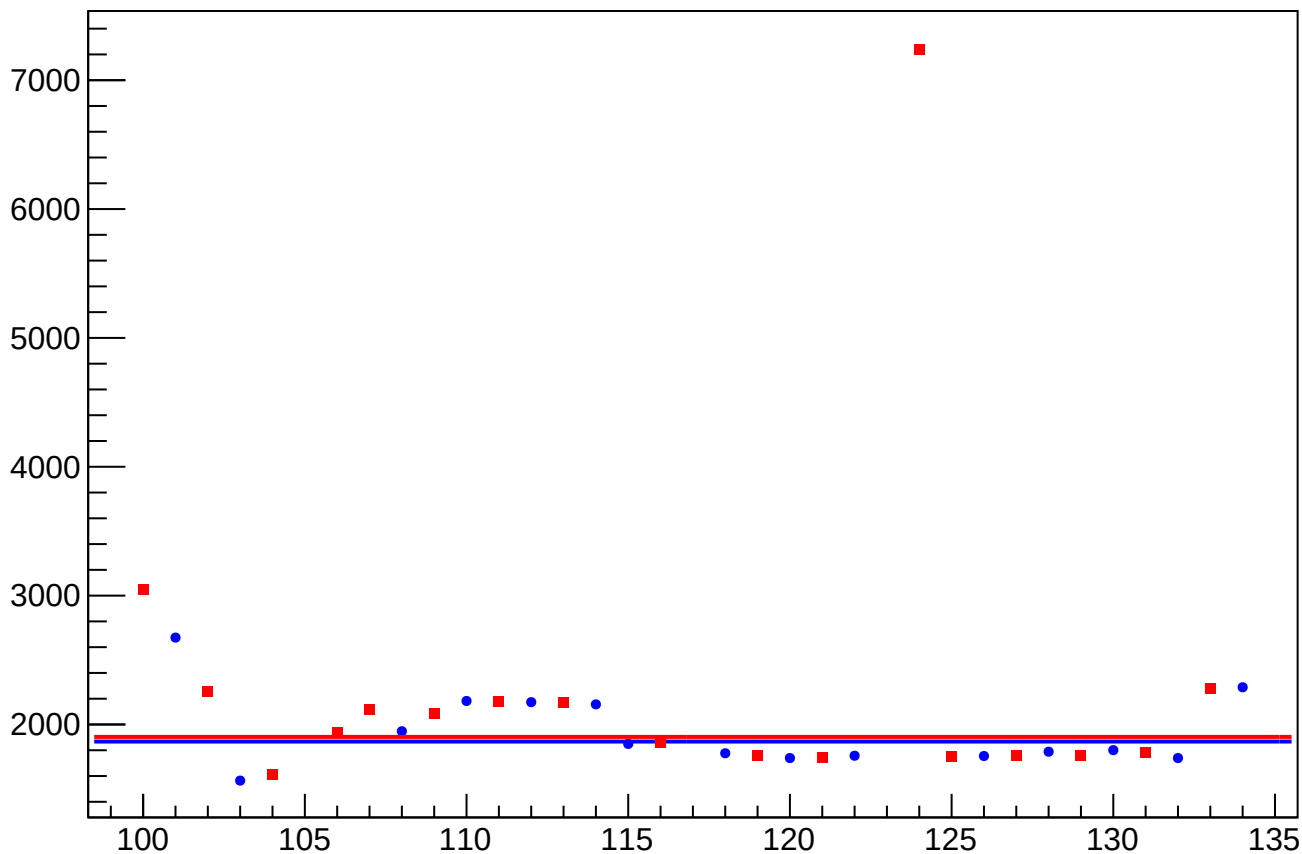
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -149.431 ± 529.450 χ^2/NDF : 29.9/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_rms vs Slug



Right In: 1867.628 $\pm$ 0.529 χ^2/NDF : 253037.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1903.674 $\pm$ 0.529 χ^2/NDF : 352431.5/16

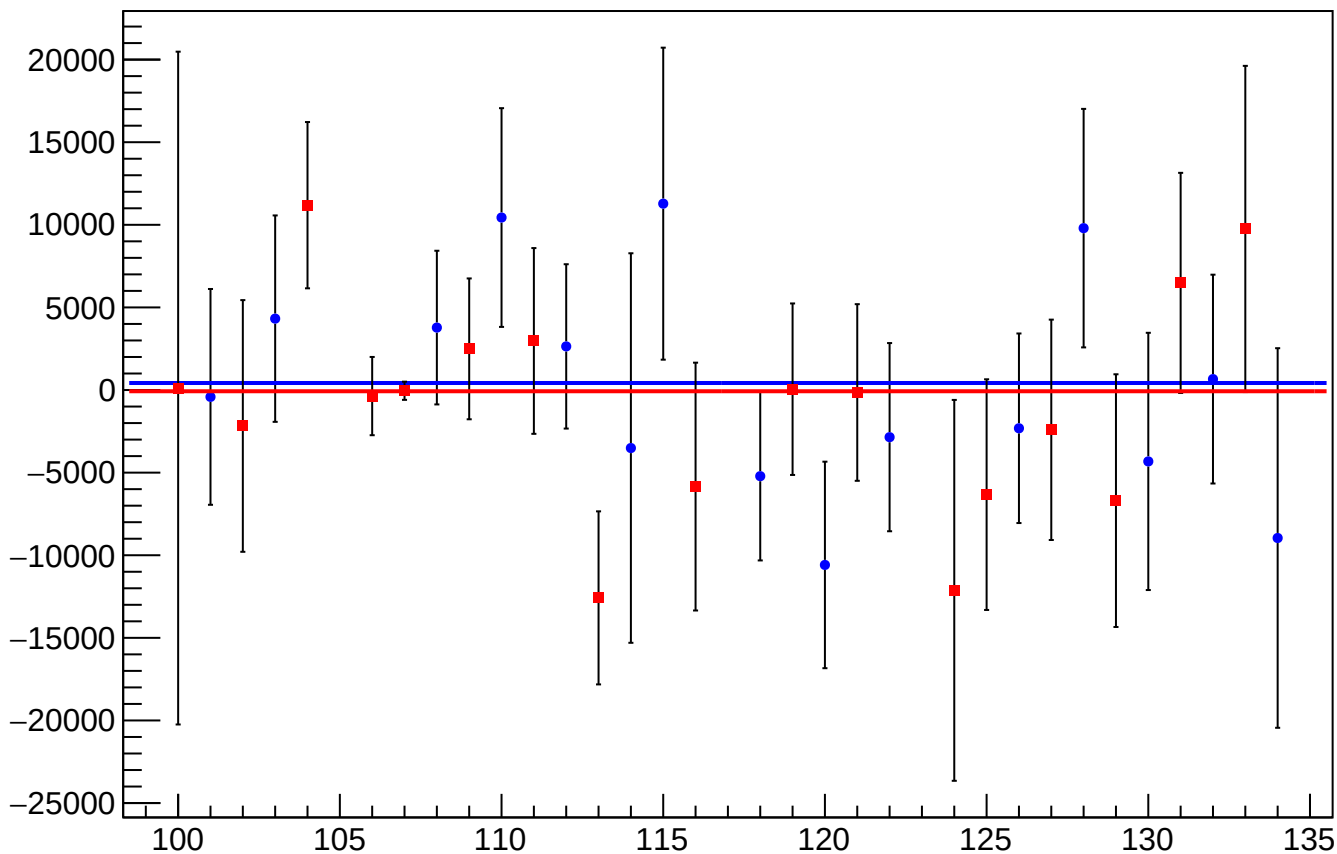
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1885.669 $\pm$ 0.374 χ^2/NDF : 607792.6/31

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_reg_correction_mean vs Slug



Right In: 426.066 $\pm$ 1642.875 χ^2 /NDF: 12.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -74.440 $\pm$ 509.527 χ^2 /NDF: 16.8/16

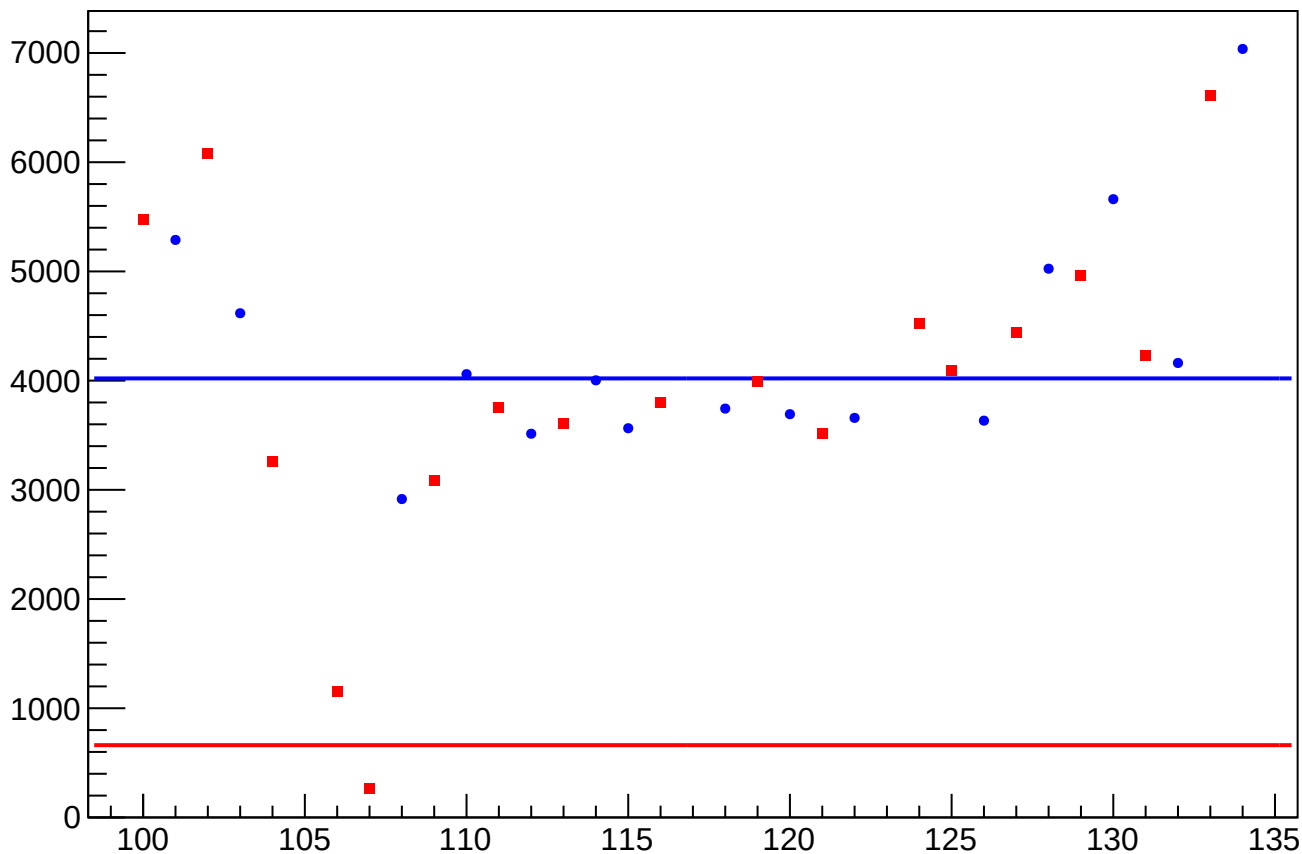
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -30.522 $\pm$ 486.658 χ^2 /NDF: 29.3/31

- sign 0.000 $\pm$ 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

Right Out: 662.050+/-0.360 χ^2/NDF : 9697505.1/16

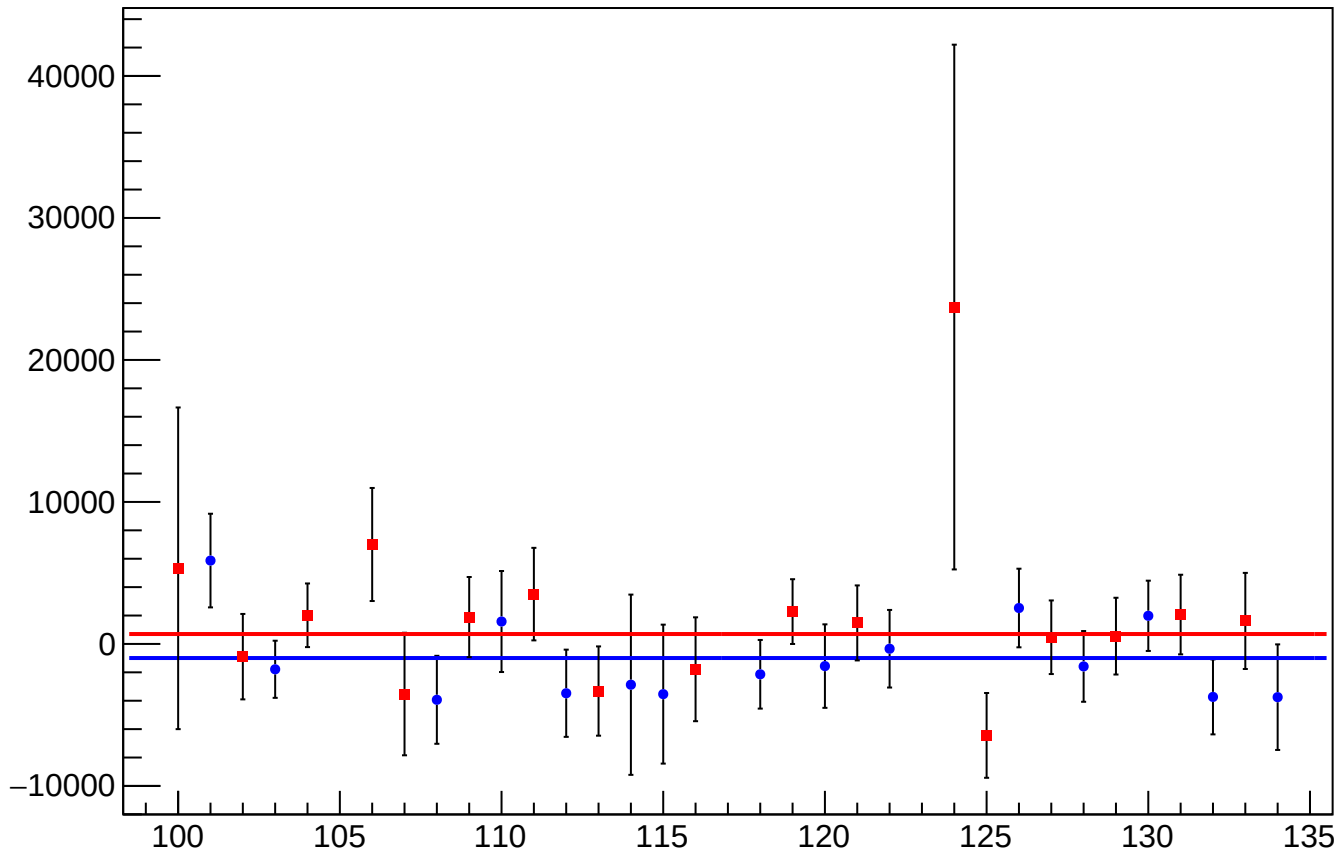
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 956.728+/-0.344 χ^2/NDF : 17848015.2/3

- sign 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: 697.728±/749.366 χ^2/NDF : 15.4/16

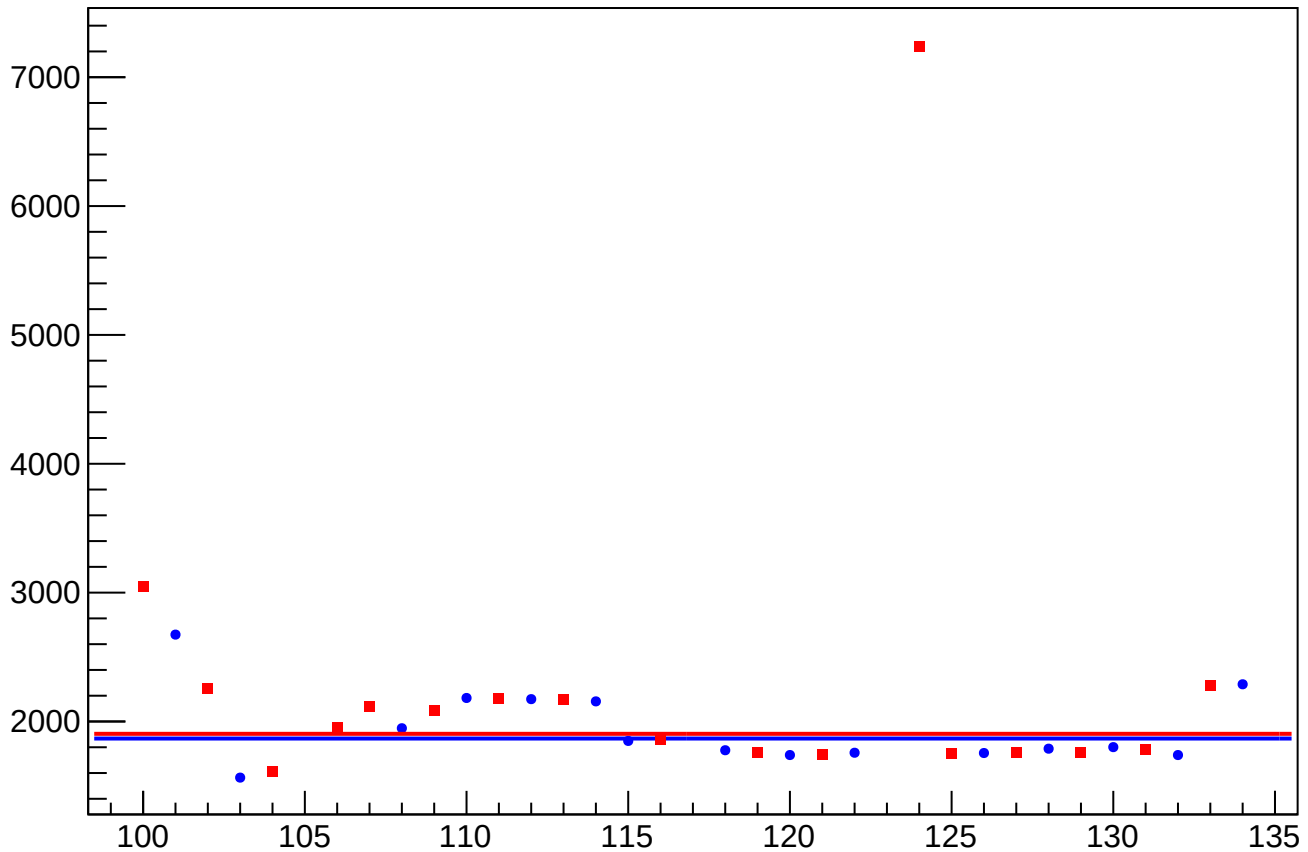
Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

+ sign 0.000±/0.000 χ^2/NDF : 0.0/0

All: -148.905±/529.451 χ^2/NDF : 30.0/31

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

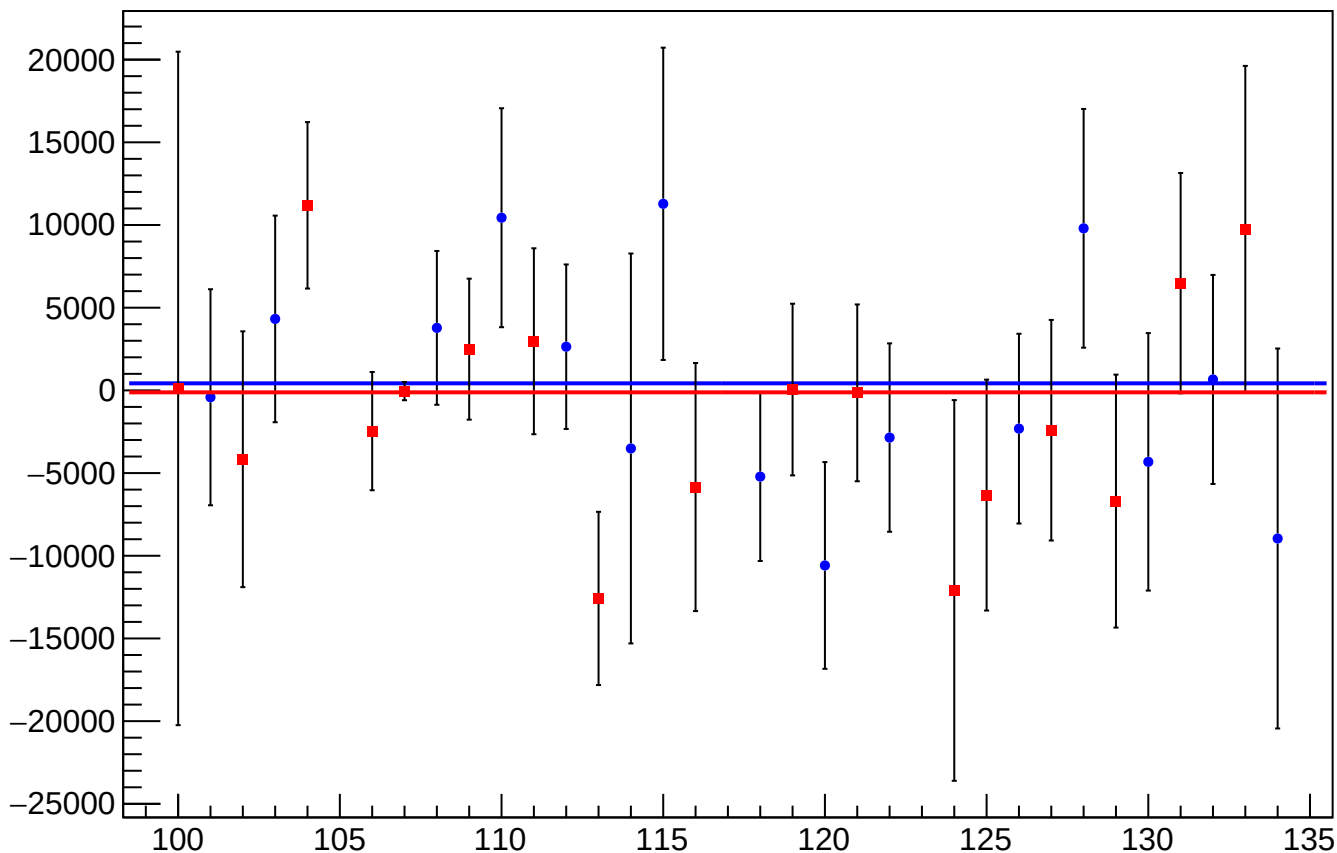
Right Out: 1904.197+/-0.529 χ^2/NDF : 352598.5/16

All: 1885.926+/-0.374 χ^2/NDF : 608025.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_cor_correction_mean vs Slug



Right In: 426.043 $\pm$ 1642.883 χ^2 /NDF: 12.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -118.378 $\pm$ 516.276 χ^2 /NDF: 17.4/16

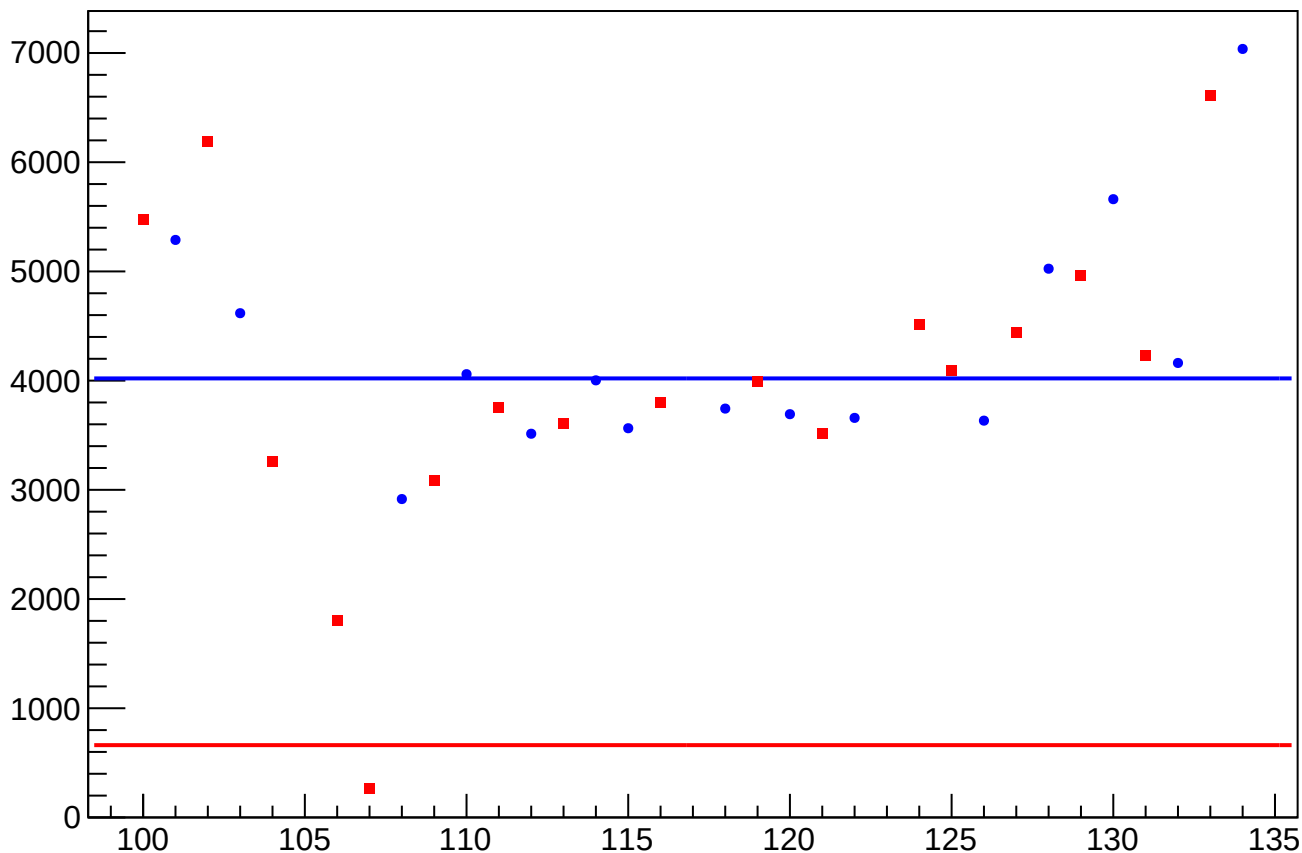
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -69.447 $\pm$ 492.529 χ^2 /NDF: 30.0/31

- sign 0.000 $\pm$ 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

Right Out: 662.176+/-0.365 χ^2/NDF : 9826517.1/16

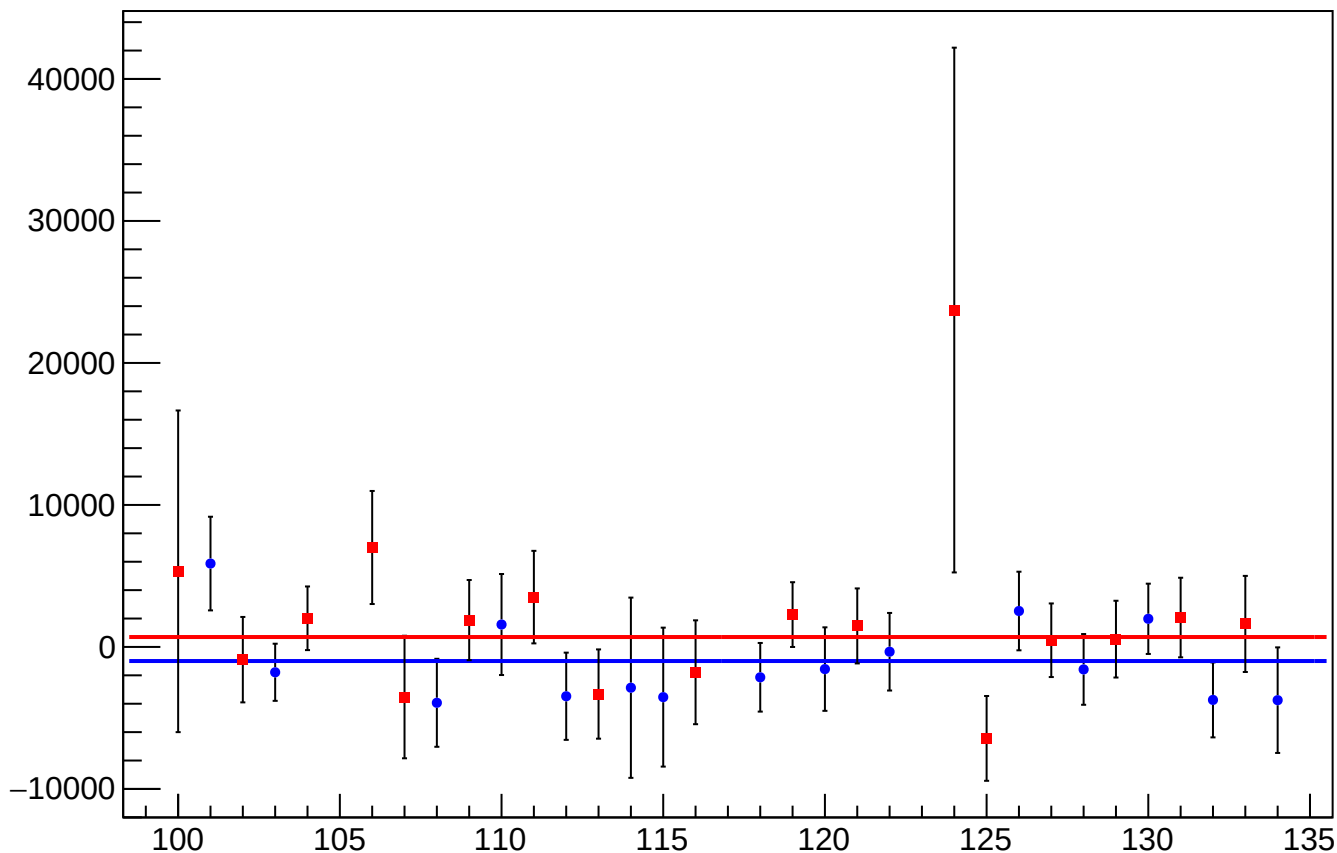
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 963.992+/-0.348 χ^2/NDF : 17958675.0/3

- sign 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: 697.728+/-749.366 χ^2/NDF : 15.4/16

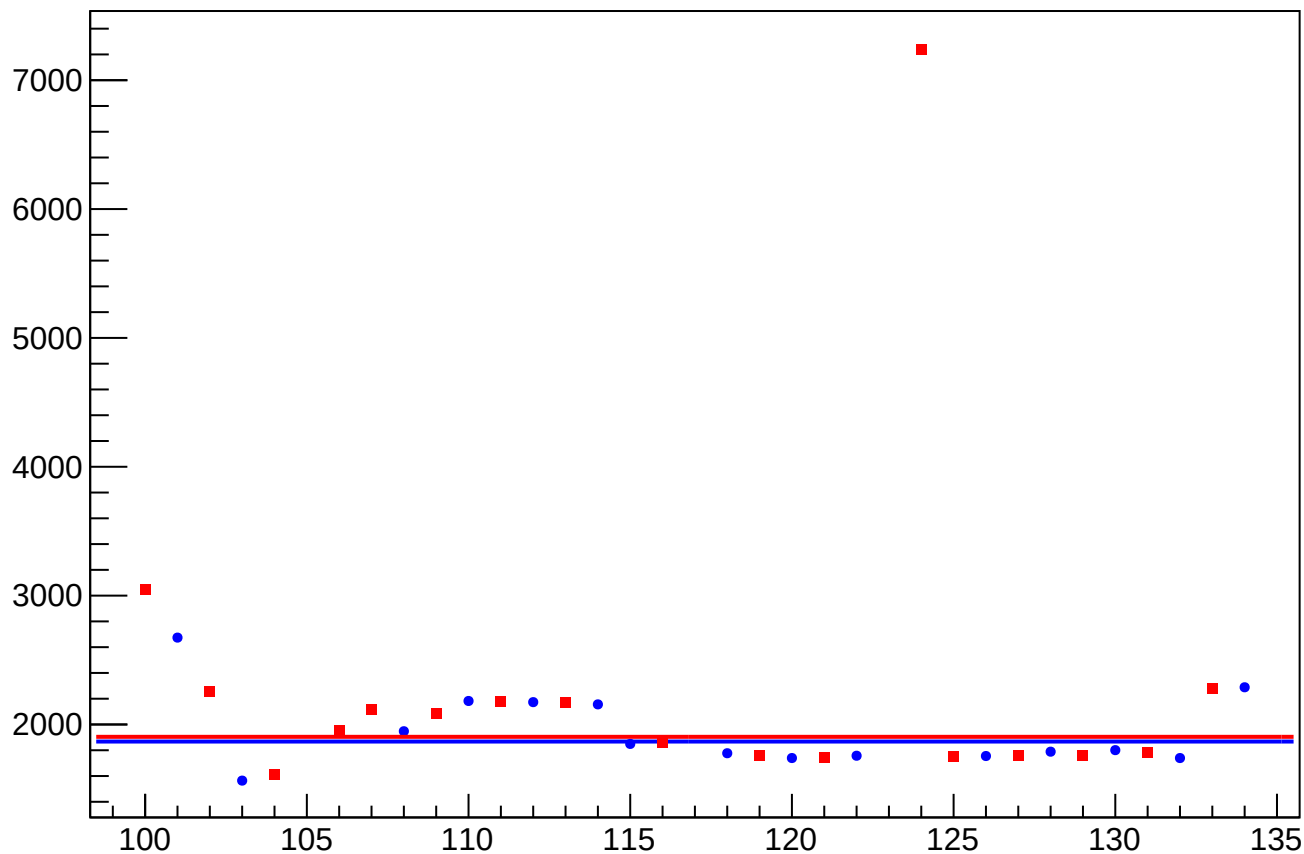
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -148.905+/-529.451 χ^2/NDF : 30.0/31

- 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: 1904.197+/-0.529 χ^2/NDF : 352598.5/16

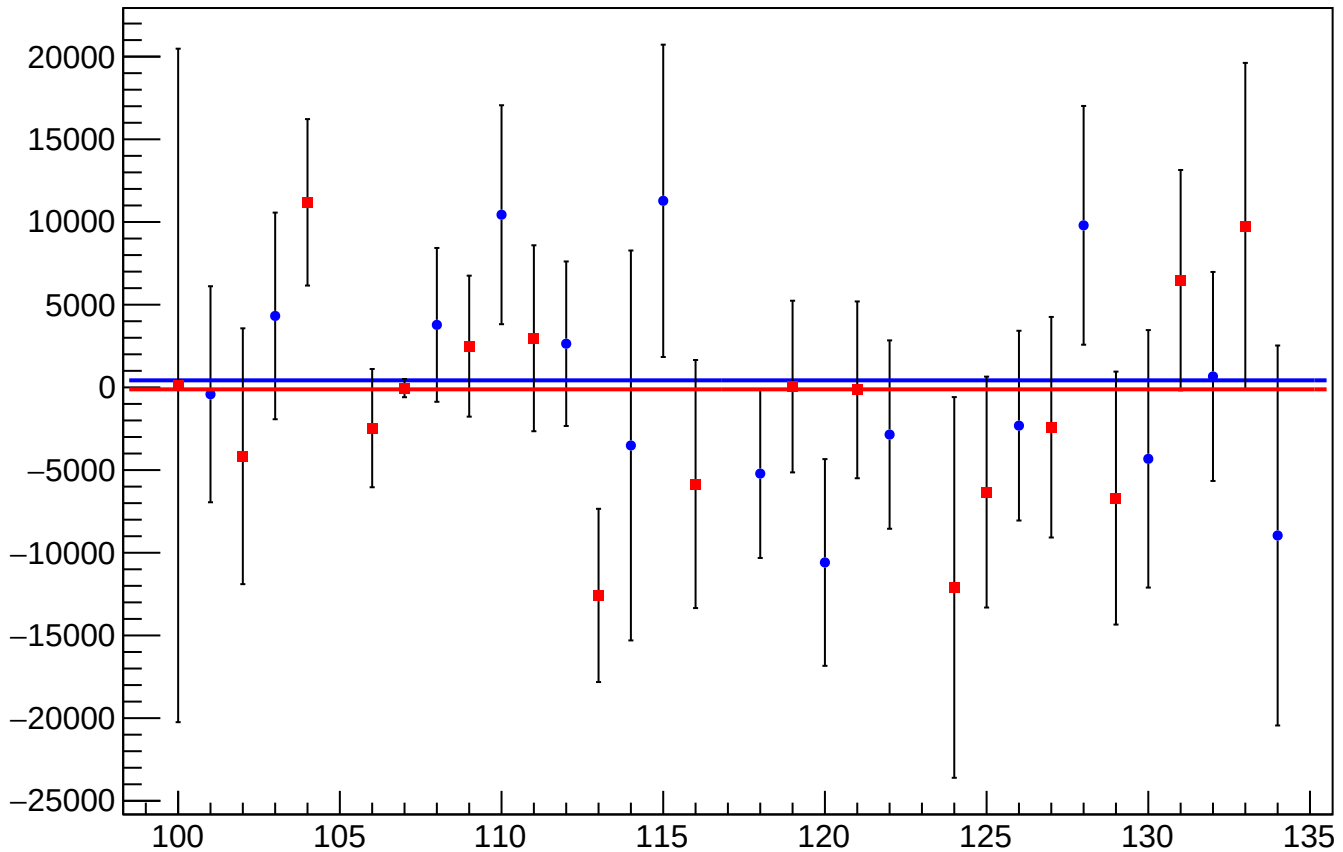
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1885.926+/-0.374 χ^2/NDF : 608025.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_cor_correction_mean vs Slug



Right In: 426.043 $\pm$ 1642.883 χ^2 /NDF: 12.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -118.378 $\pm$ 516.276 χ^2 /NDF: 17.4/16

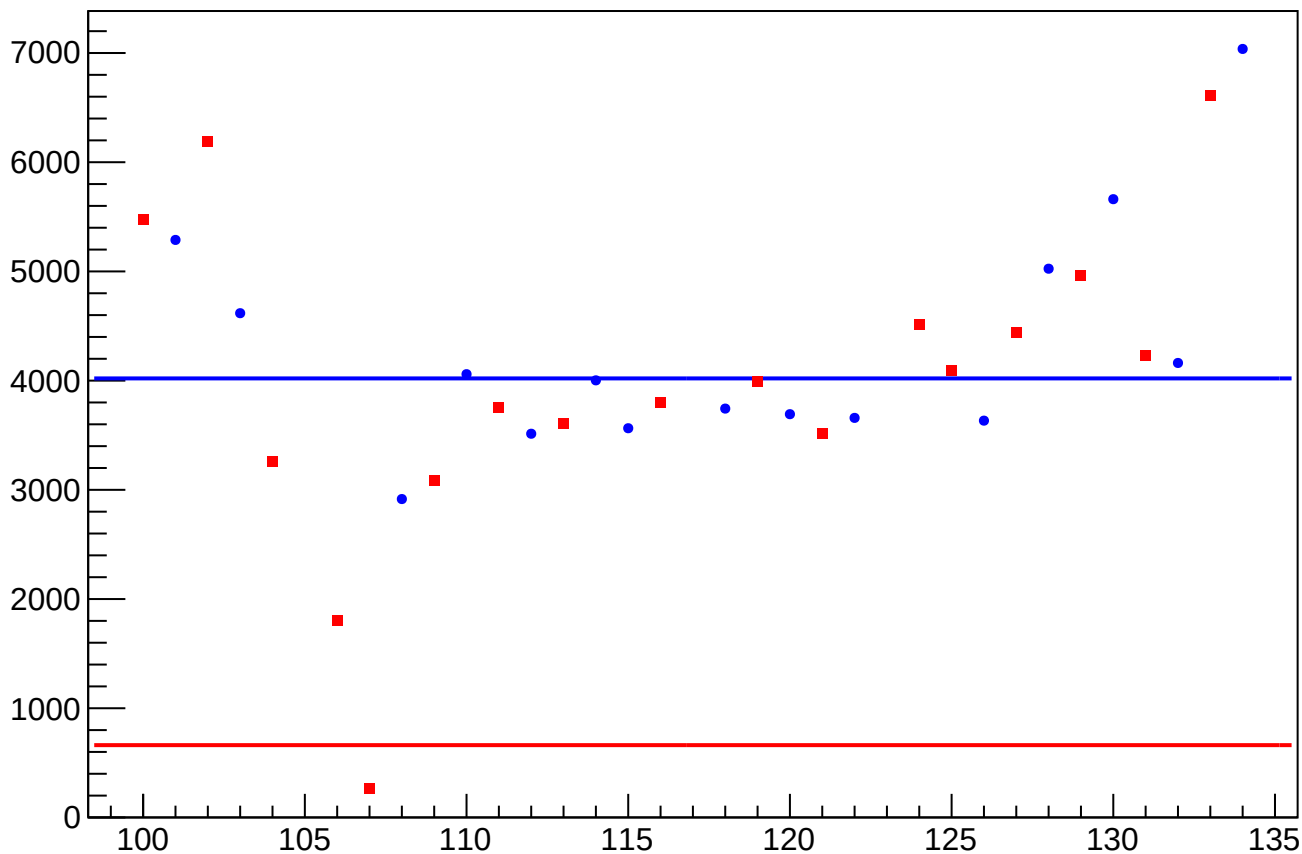
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -69.447 $\pm$ 492.529 χ^2 /NDF: 30.0/31

- sign 0.000 $\pm$ 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

Right Out: 662.176+/-0.365 χ^2/NDF : 9826517.1/16

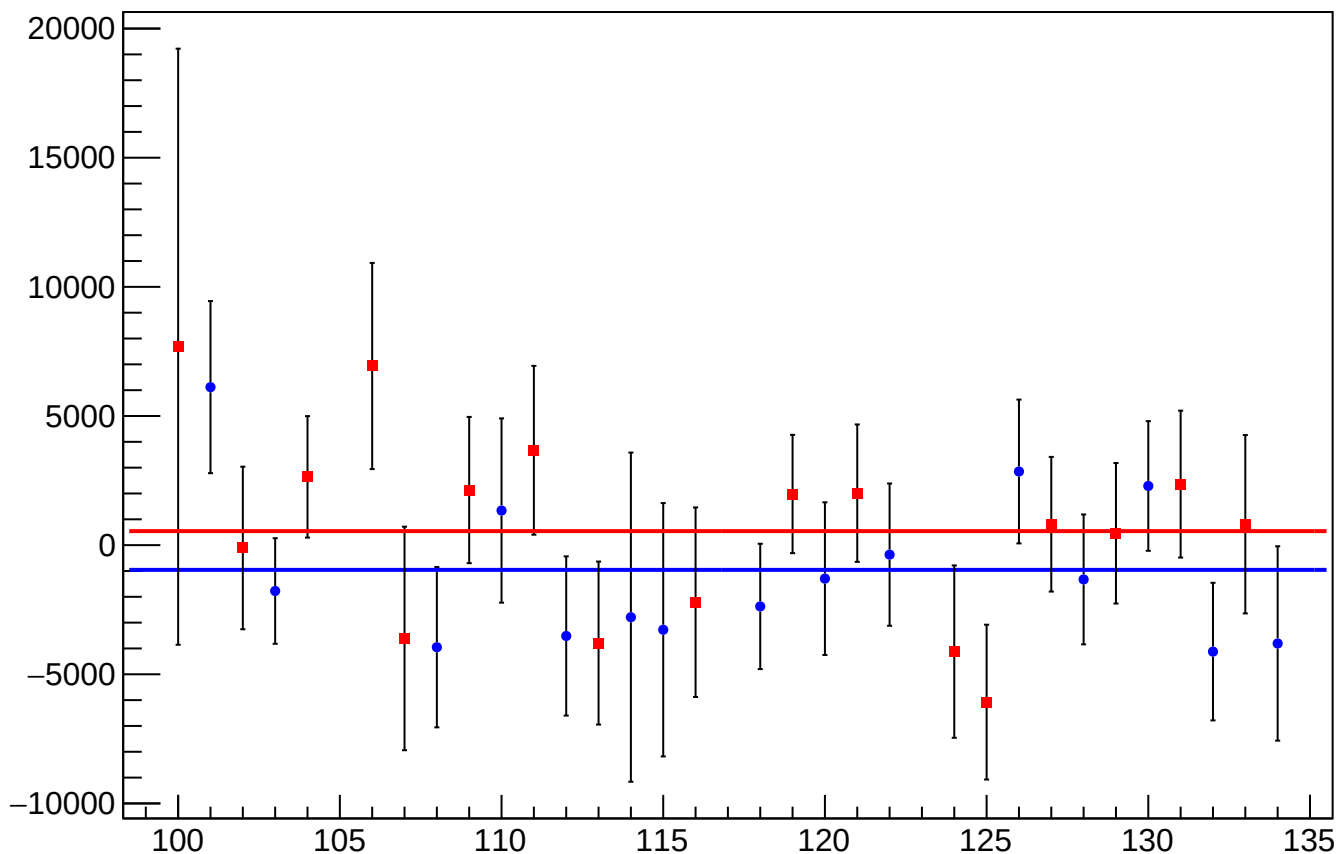
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 963.992+/-0.348 χ^2/NDF : 17958675.0/30

- sign 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: 543.047 ± 740.935 χ^2/NDF : 16.4/16

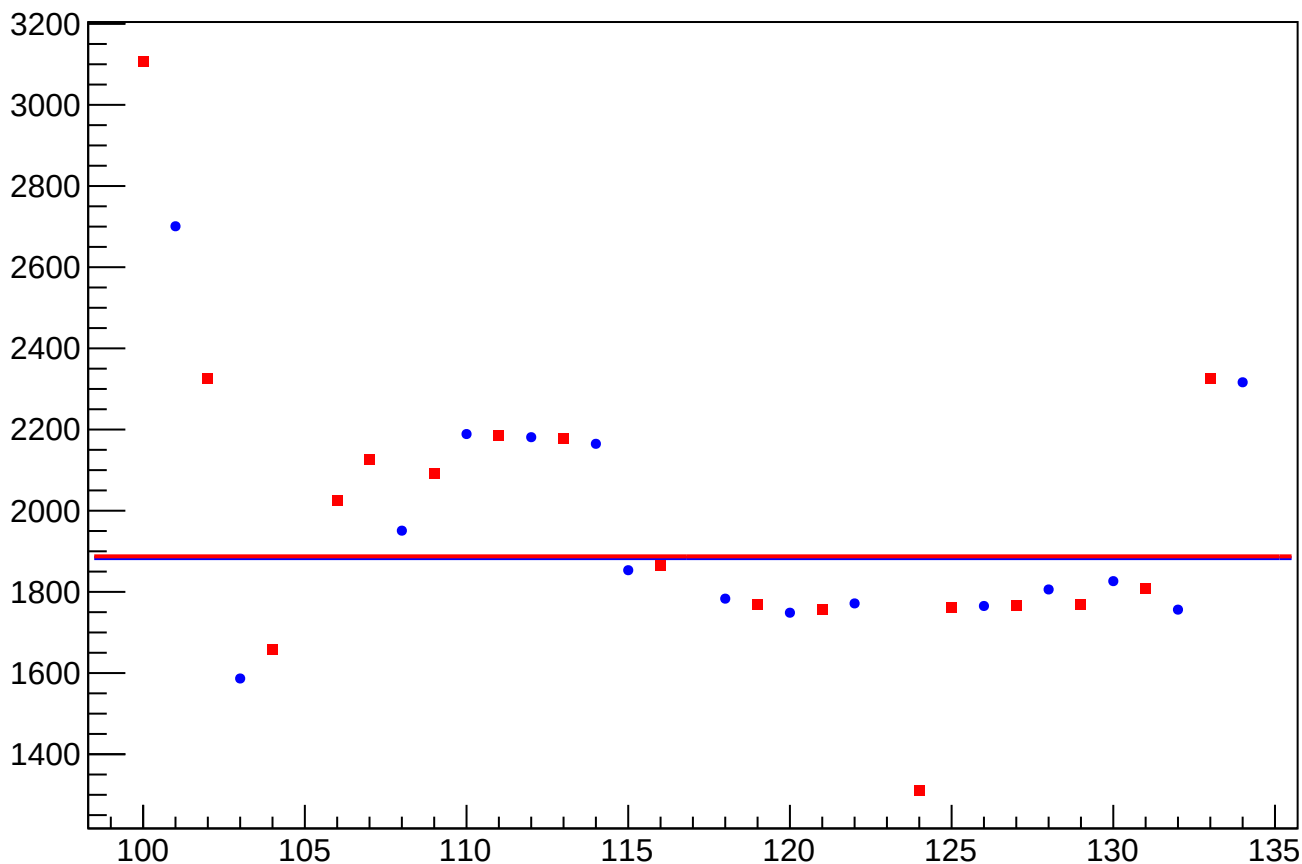
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -193.437 ± 528.636 χ^2/NDF : 31.3/31

- 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: 1887.546 $\pm$ 0.523 χ^2 /NDF: 248487.5/16

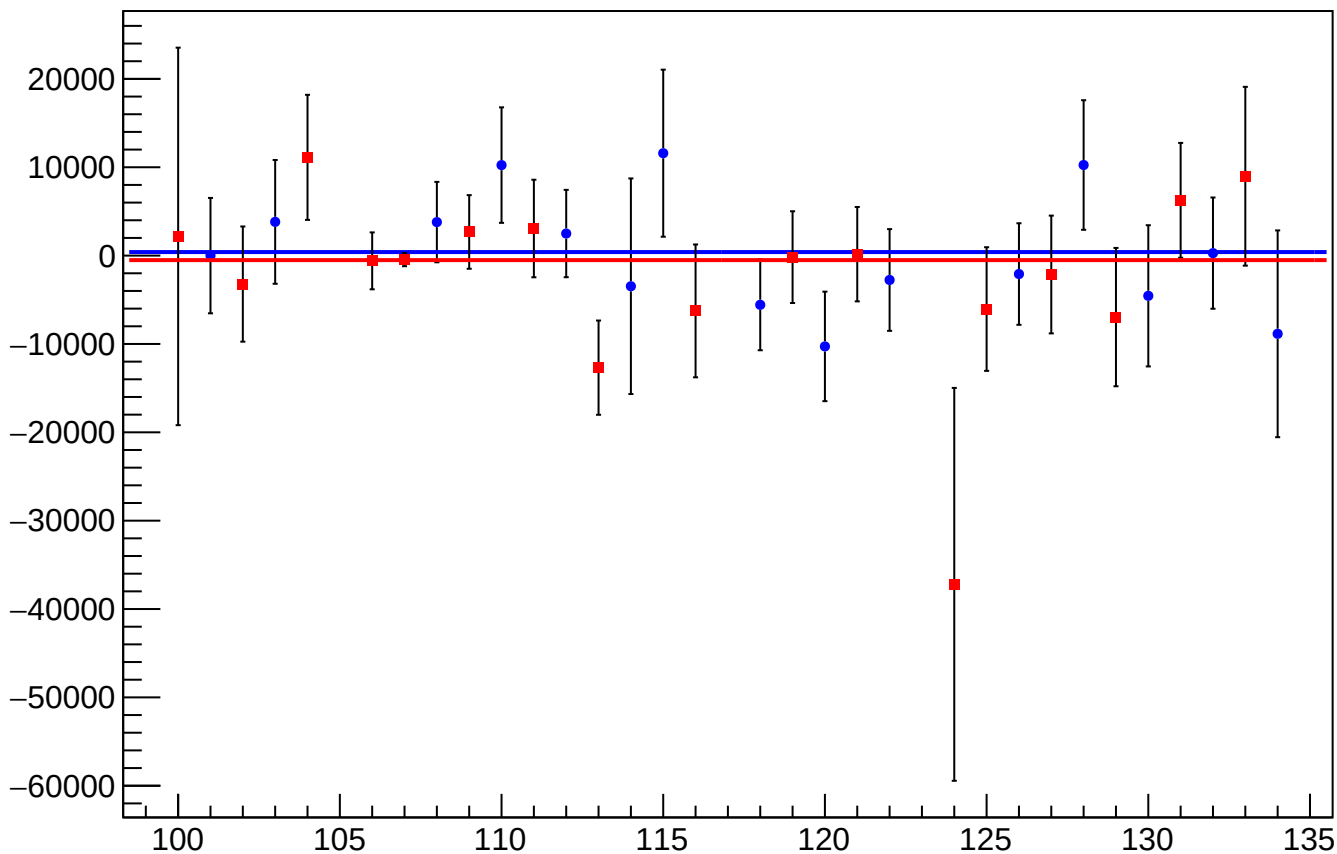
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1885.424 $\pm$ 0.374 χ^2 /NDF: 497740.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_dit_correction_mean vs Slug



Right In: 400.934 $\pm$ 1654.091 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -510.787 $\pm$ 666.581 χ^2 /NDF: 15.8/16

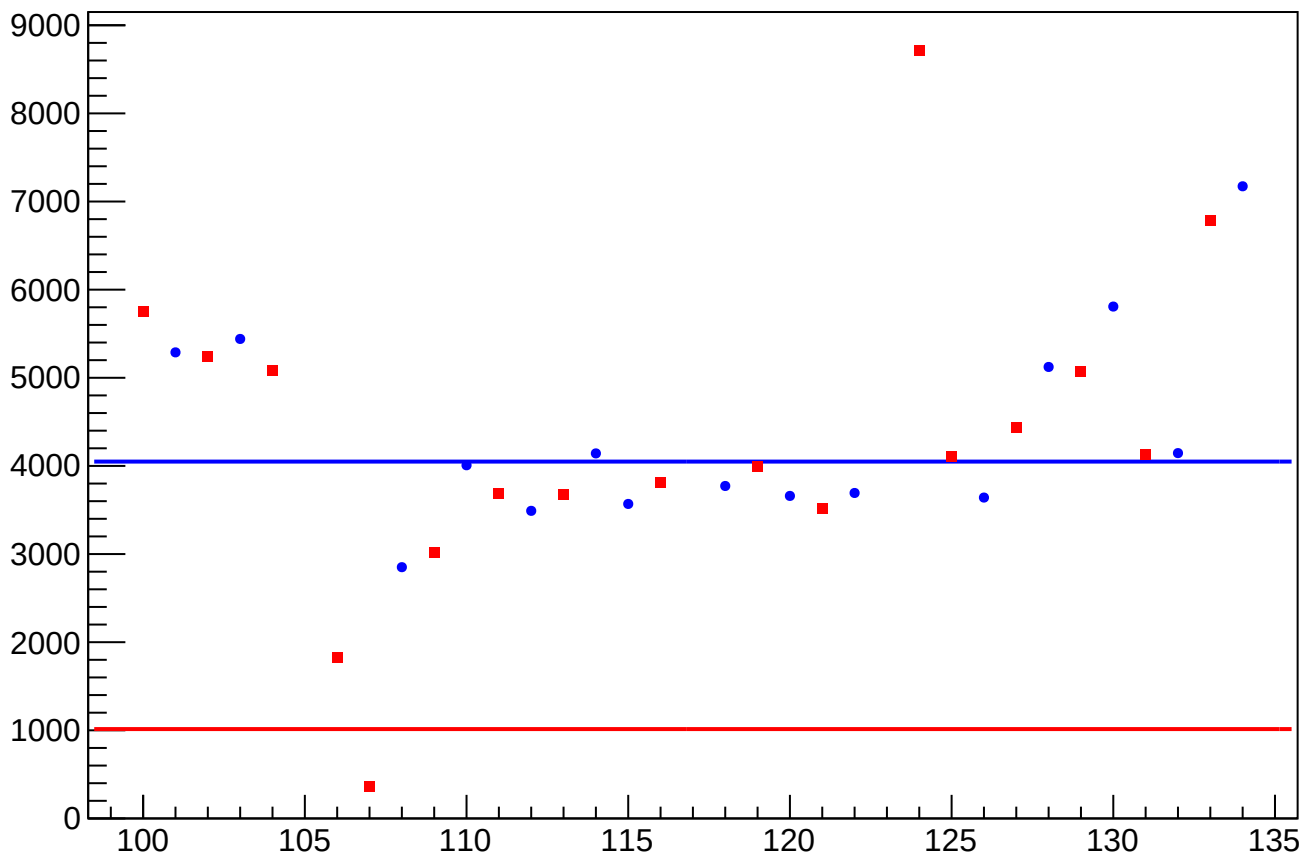
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -383.410 $\pm$ 618.266 χ^2 /NDF: 28.4/31

- sign 0.000 $\pm$ 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

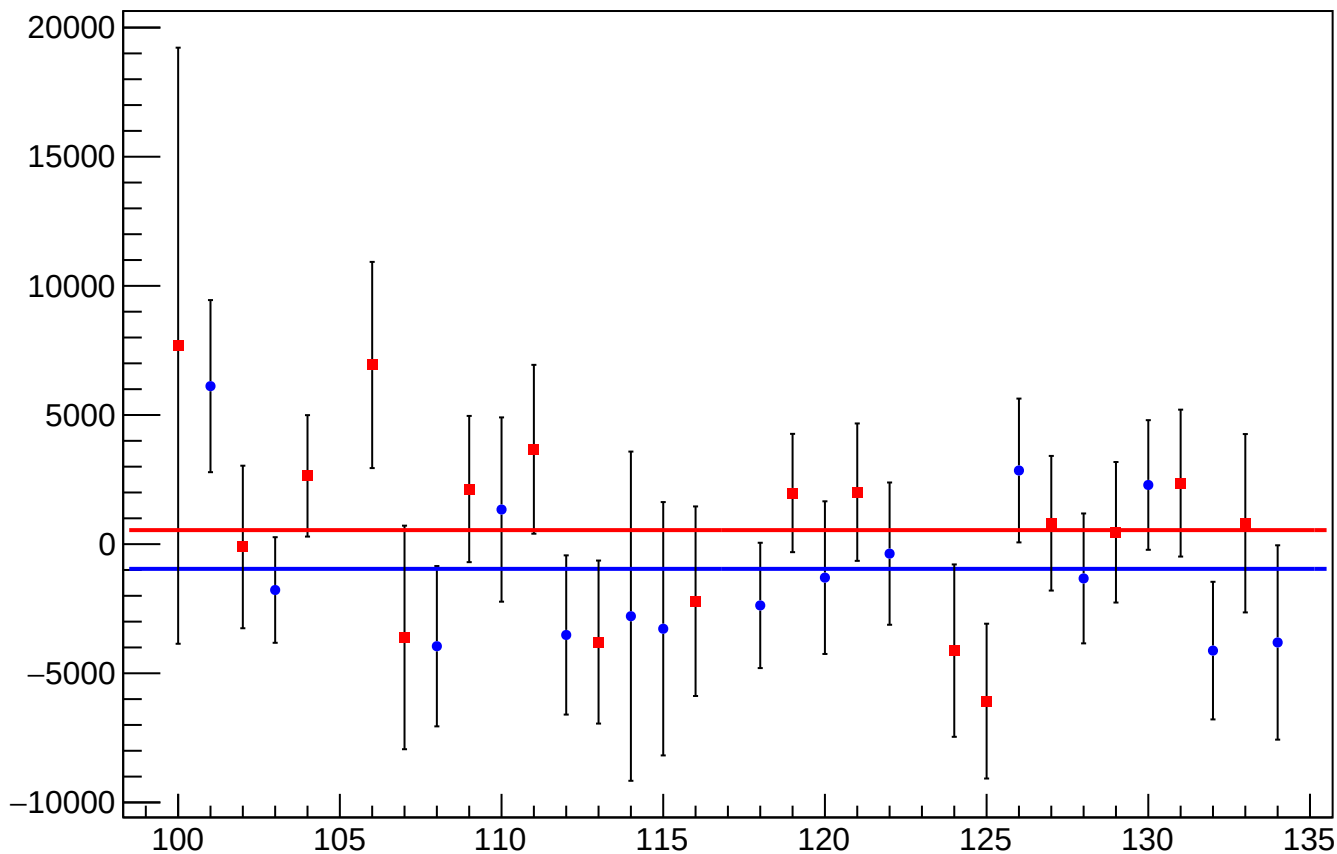
Right Out: 1014.142+/-0.471 χ^2/NDF : 8843680.6/16

All: 1438.174+/-0.437 χ^2/NDF : 15271279.2/3

- 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: 543.051+/-740.935 χ^2/NDF : 16.4/16

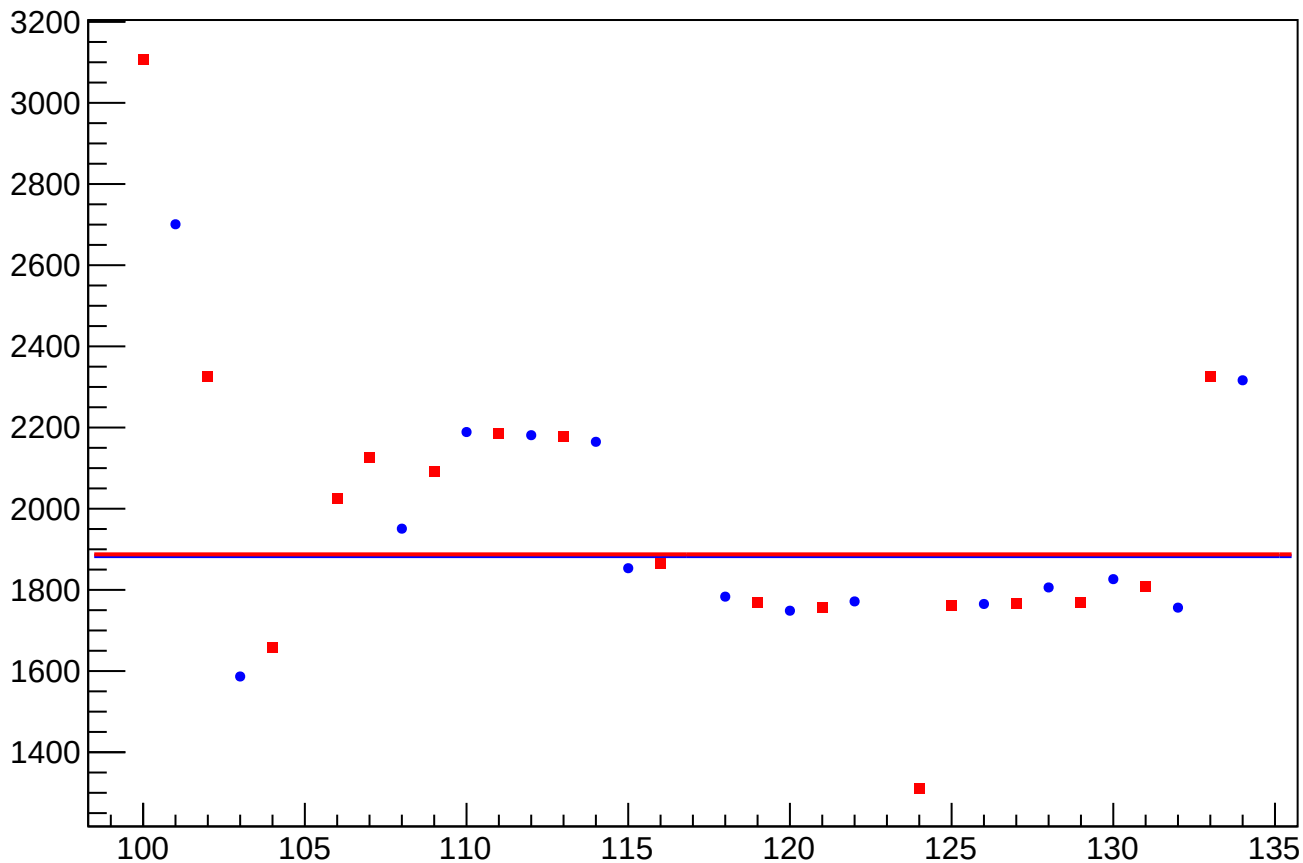
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -193.434+/-528.636 χ^2/NDF : 31.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_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: 1887.546 $\pm$ 0.523 χ^2 /NDF: 248487.9/16

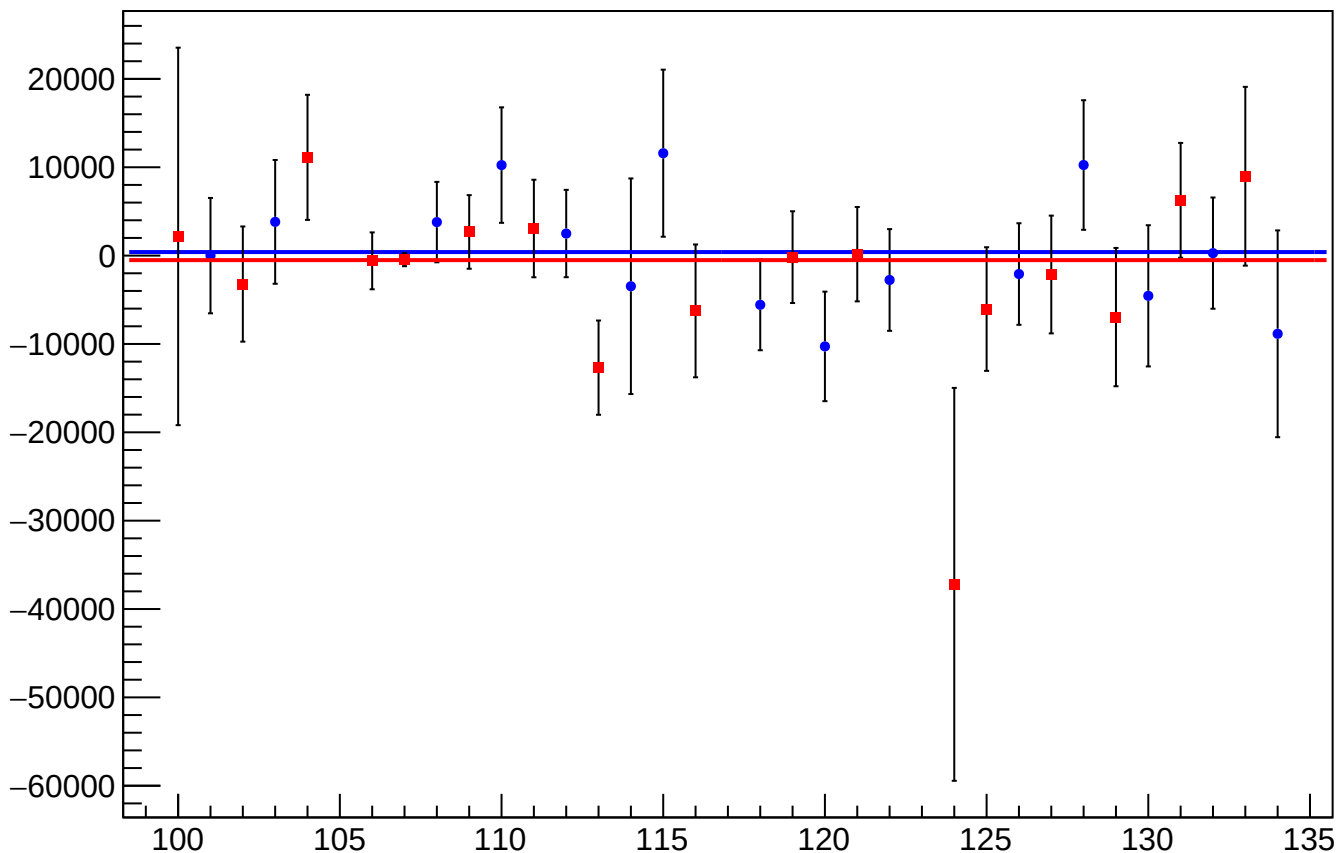
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1885.424 $\pm$ 0.374 χ^2 /NDF: 497740.6/31

- sign 0.000 $\pm$ 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: -510.795 $\pm$ 666.592 χ^2 /NDF: 15.8/16

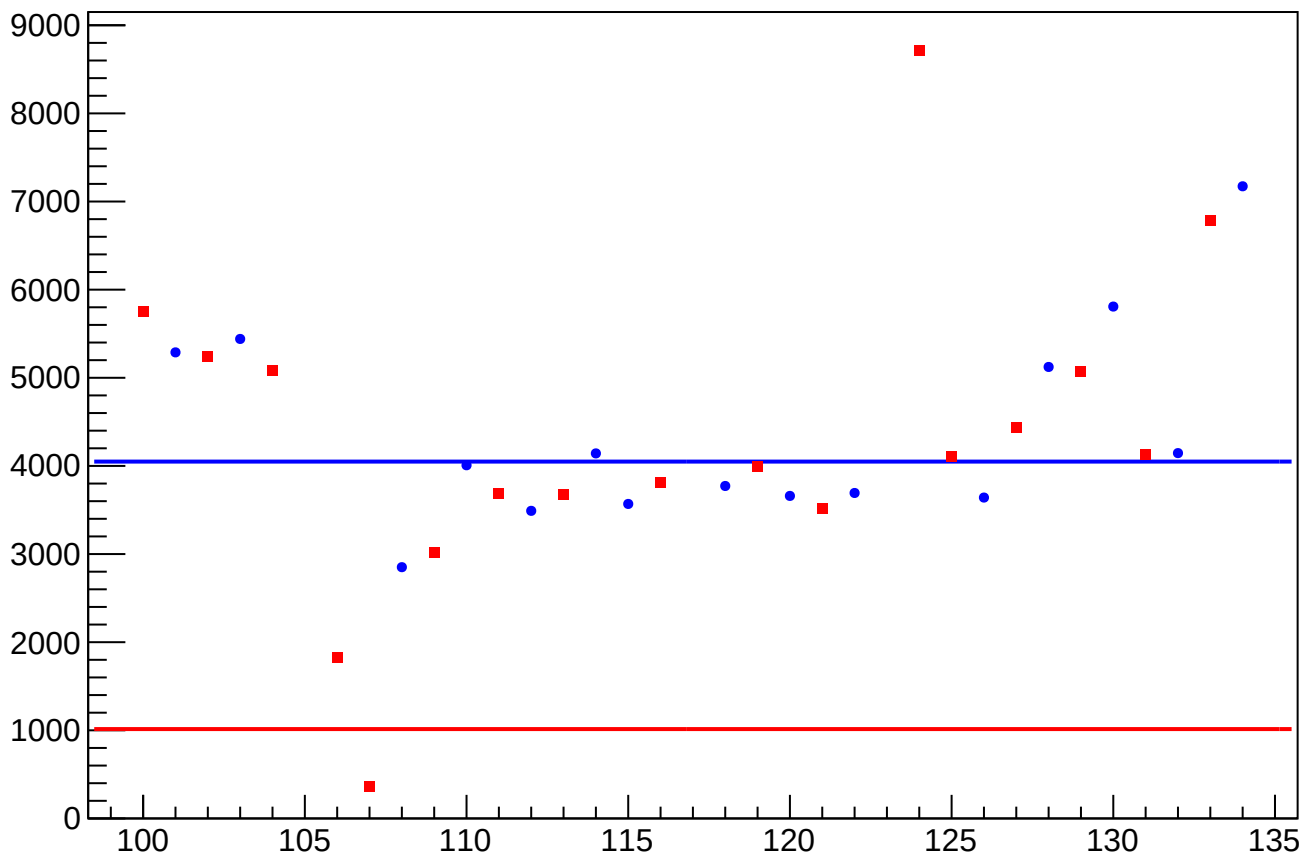
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -383.413 $\pm$ 618.274 χ^2 /NDF: 28.4/31

- 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

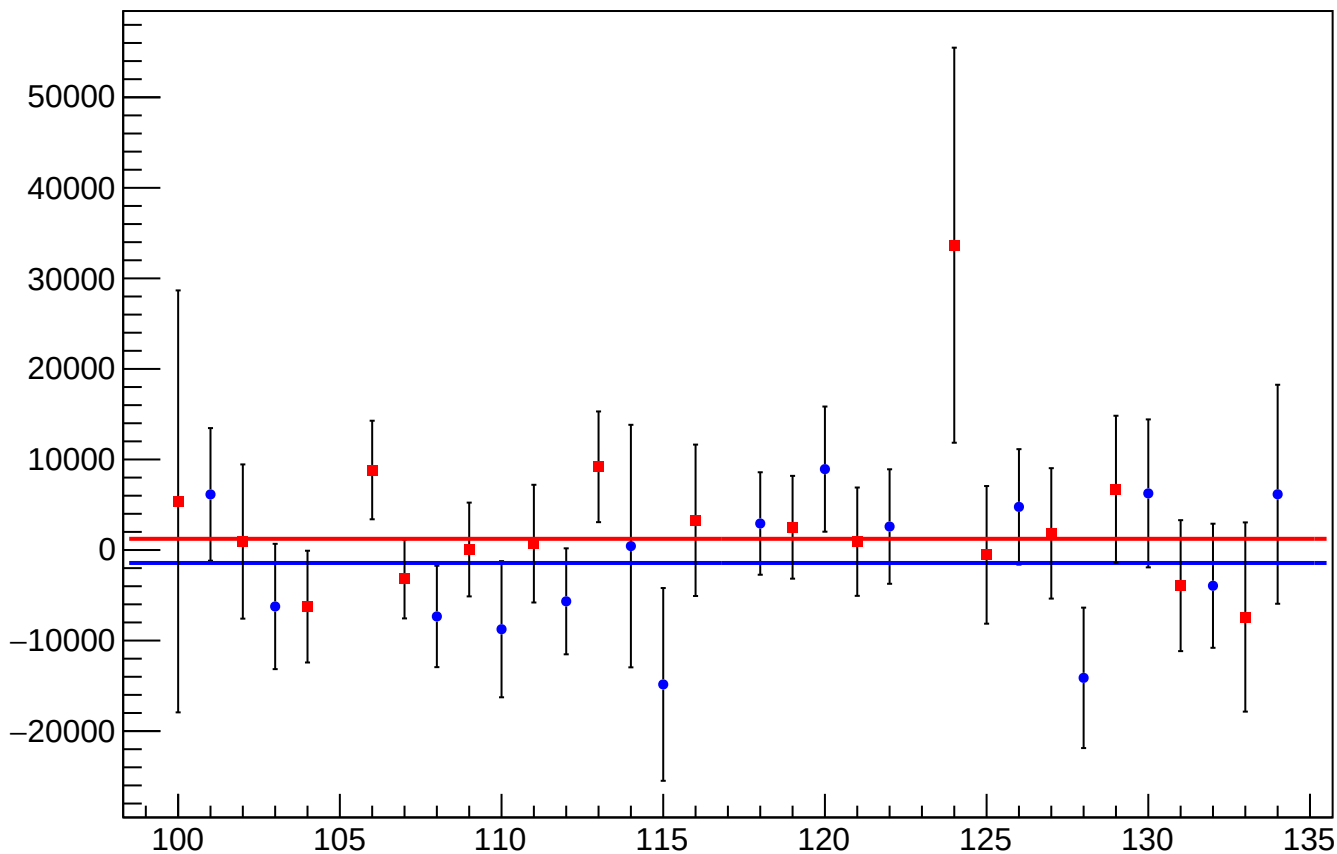
Right Out: 1014.171+/-0.471 χ^2/NDF : 8843566.3/16

All: 1438.212+/-0.437 χ^2/NDF : 15271010.4/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1237.082+/-1640.852 χ^2/NDF : 10.3/16

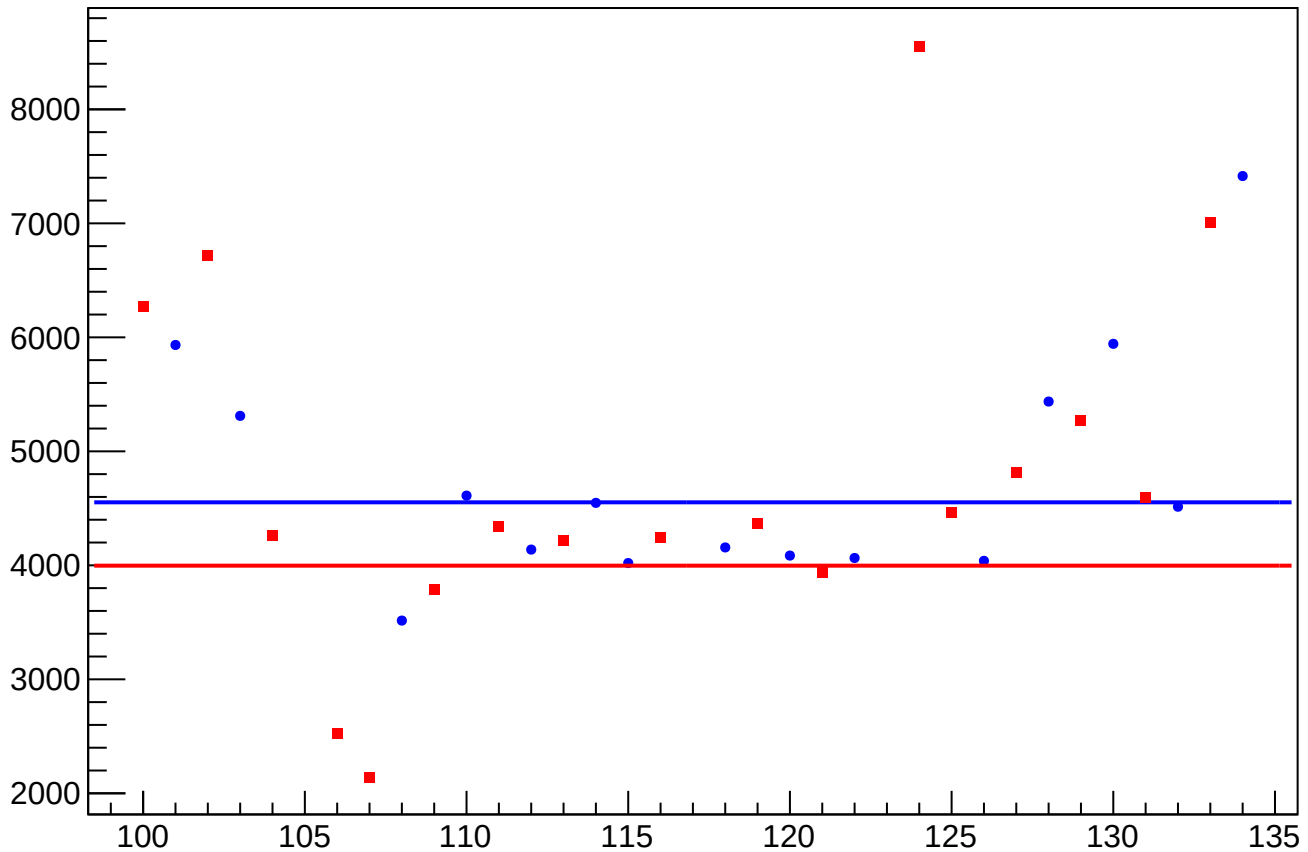
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.030+/-1225.710 χ^2/NDF : 25.5/31

- 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 $\chi^2/\text{NDF}: 0.0/0$

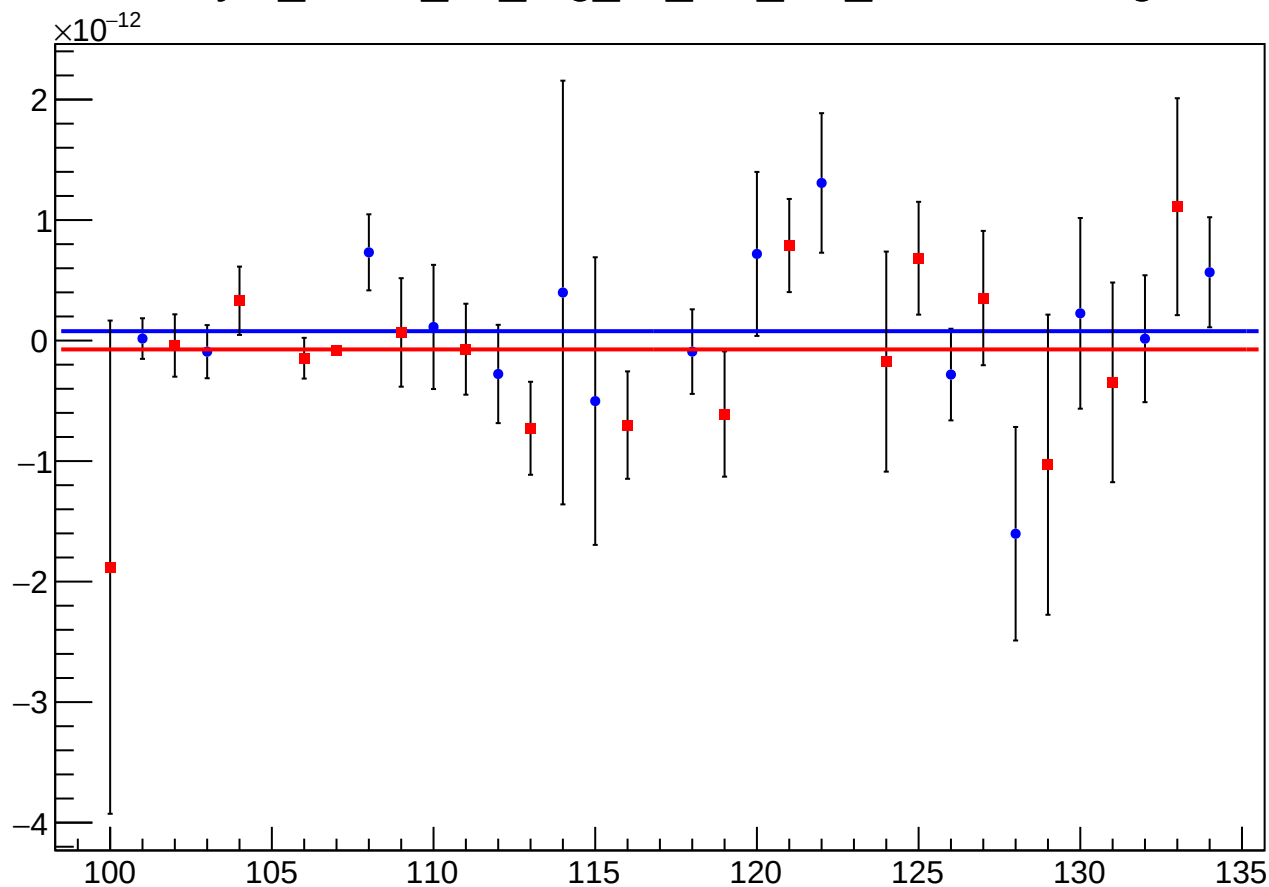
Right Out: 3997.122 ± 1.147 $\chi^2/\text{NDF}: 1143298.6/16$

All: 4239.624 ± 0.861 $\chi^2/\text{NDF}: 1664349.6/31$

- 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_atl1r2_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 17.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.000 ± 0.000 $\chi^2/\text{NDF}: 19.7/16$

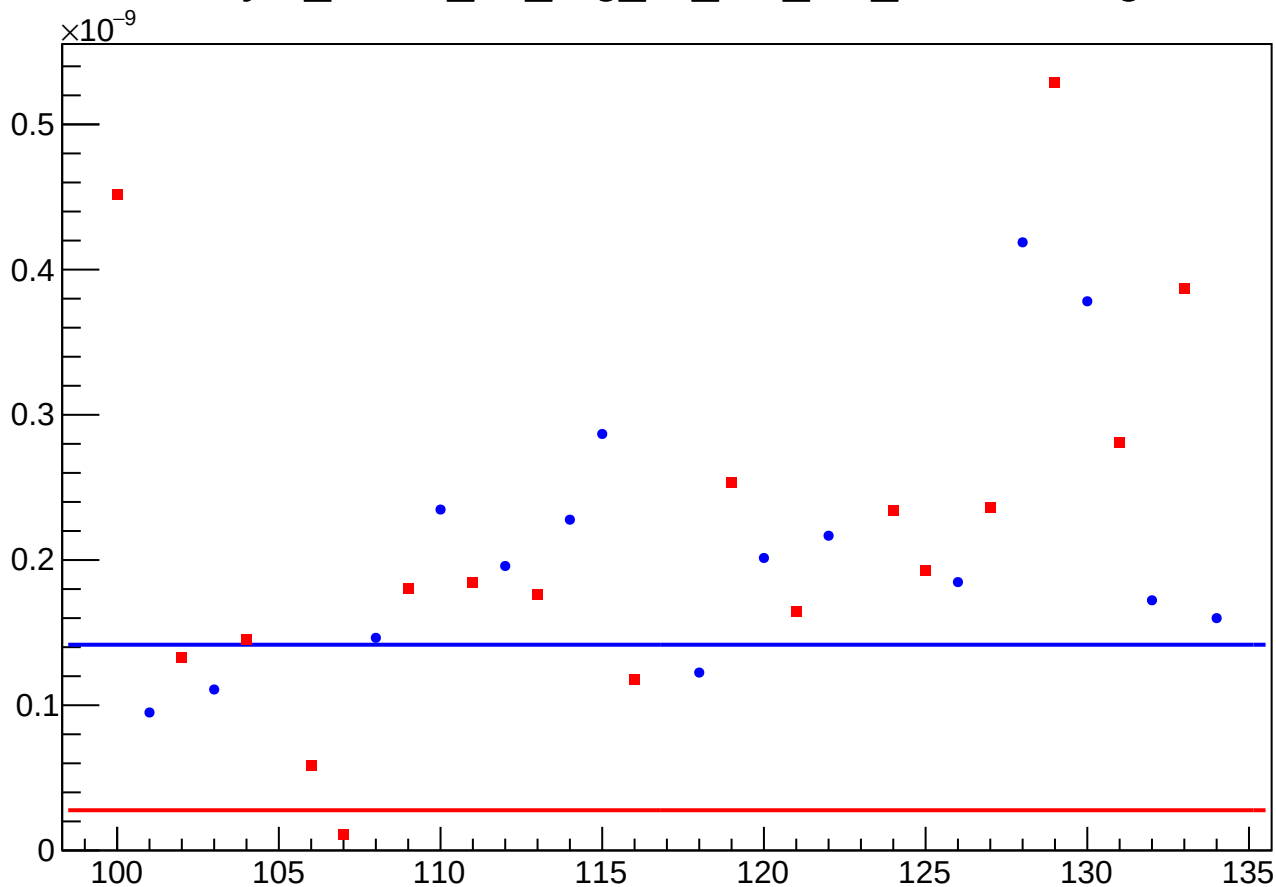
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.000 ± 0.000 $\chi^2/\text{NDF}: 39.3/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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 : 4265000.7/16

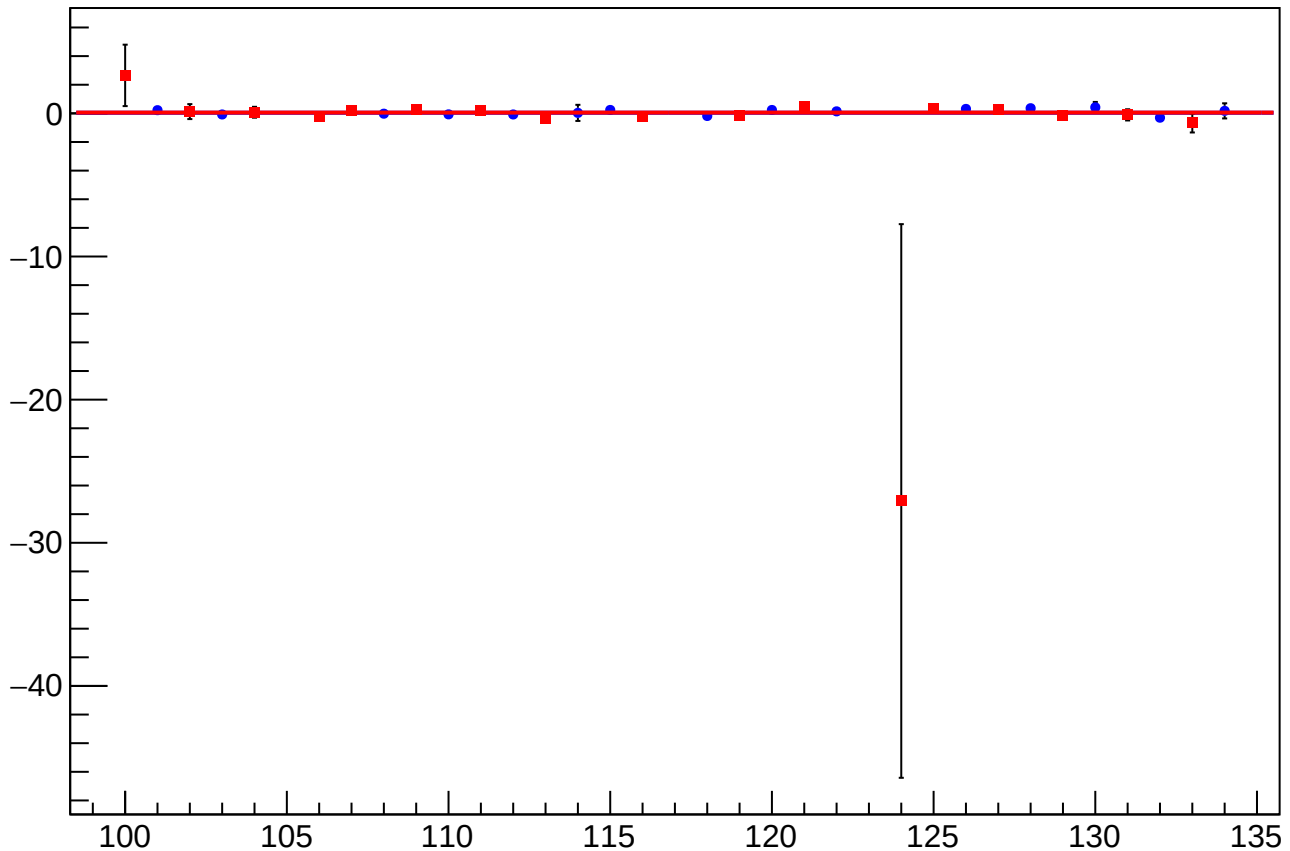
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 7547777.3/31

- 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: 0.054 $\pm$ 0.066 χ^2 /NDF: 17.9/16

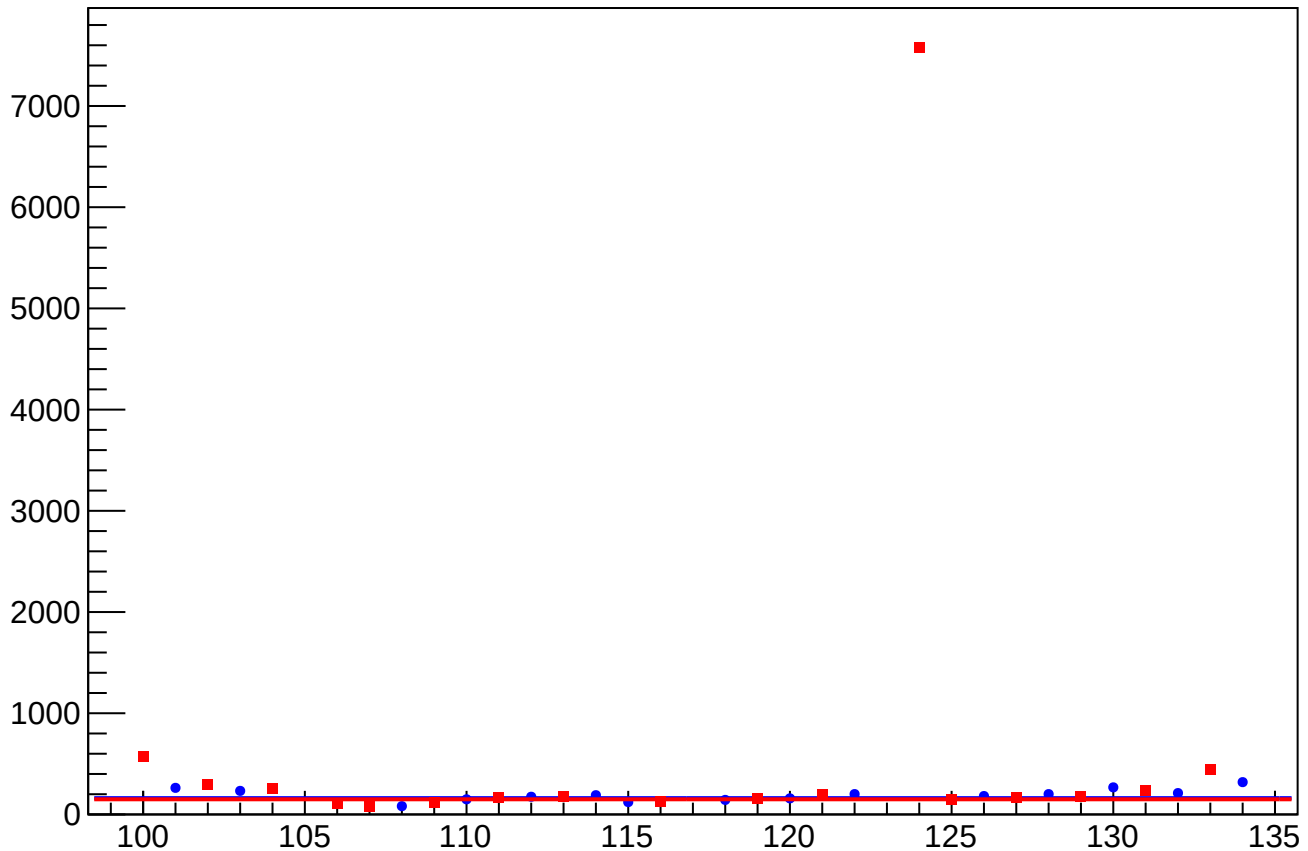
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.048 $\pm$ 0.048 χ^2 /NDF: 25.5/31

- 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: 149.837+/-0.047 χ^2/NDF : 1728891.8/16

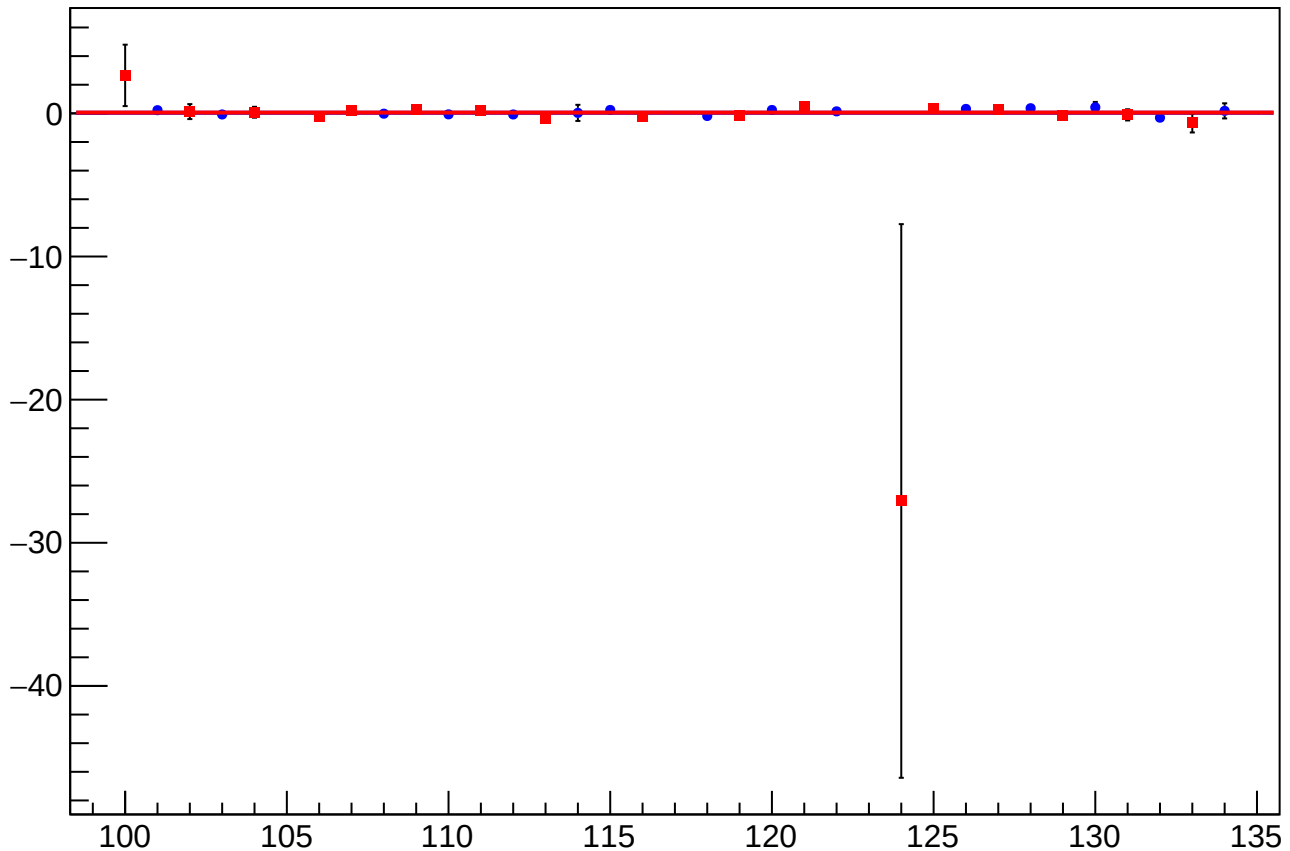
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.228+/-0.034 χ^2/NDF : 3175864.3/31

- 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: 0.054 $\pm$ 0.066 χ^2 /NDF: 17.9/16

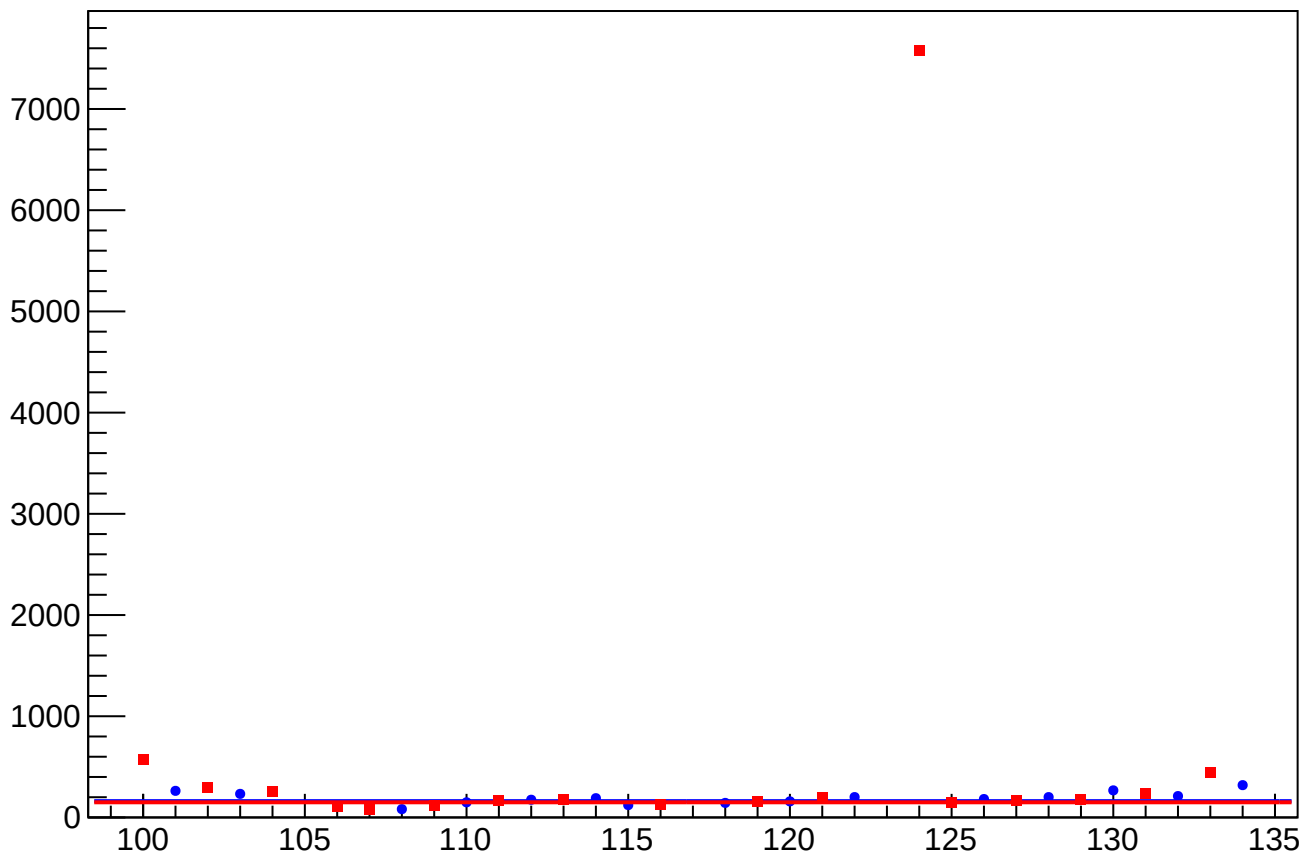
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.048 $\pm$ 0.048 χ^2 /NDF: 25.5/31

- 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: 149.837+/-0.047 χ^2/NDF : 1728891.8/16

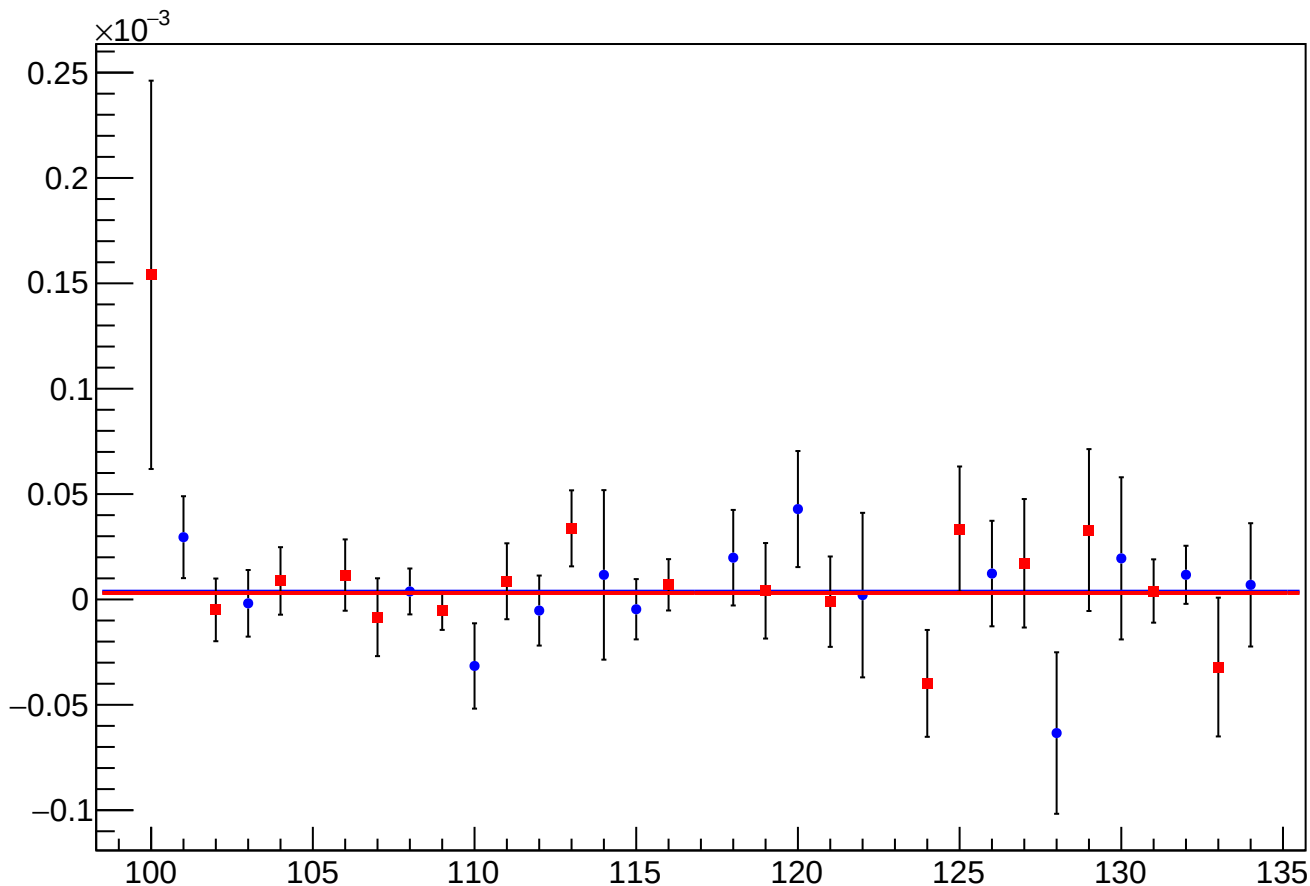
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.228+/-0.034 χ^2/NDF : 3175864.3/31

- 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: 13.6/16

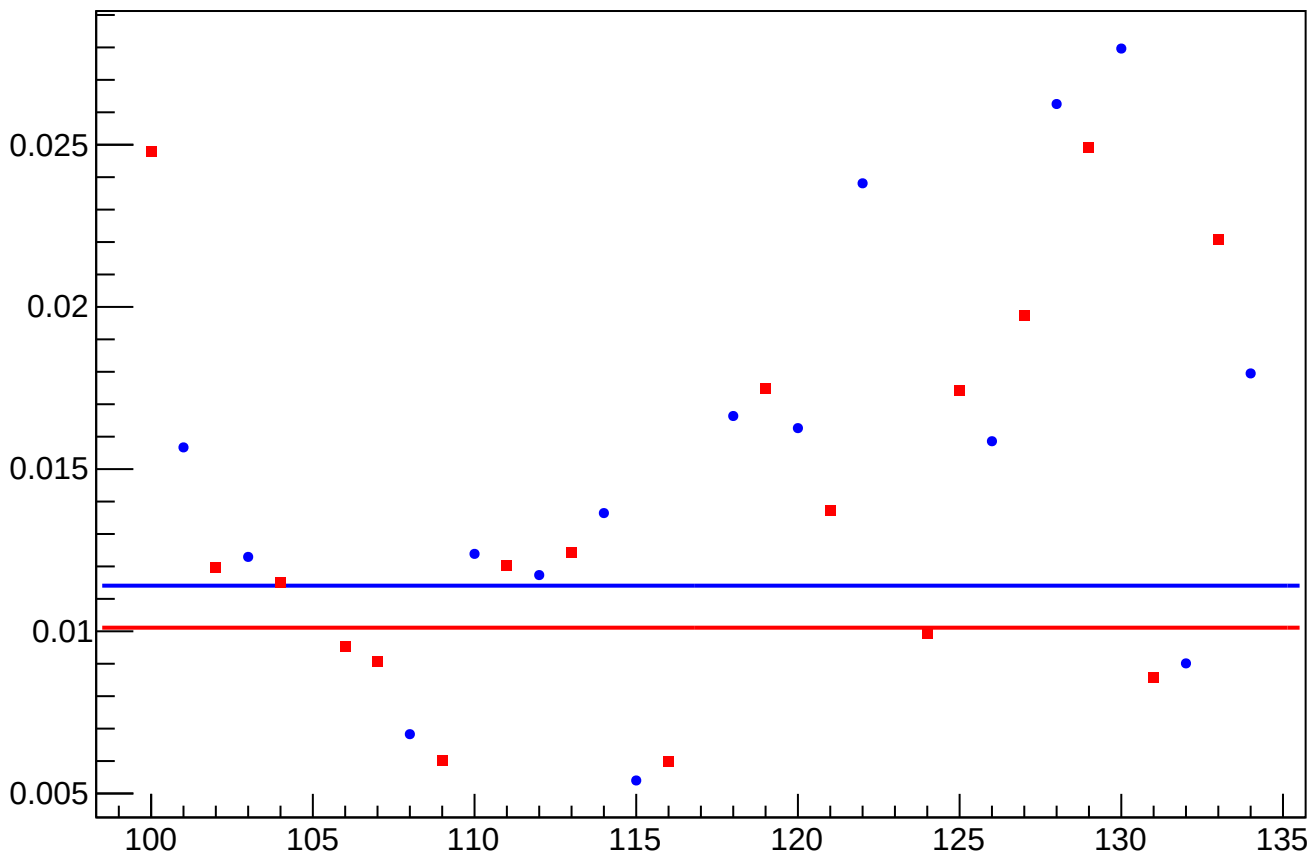
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 25.5/31

- 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 : 1975168.1/16

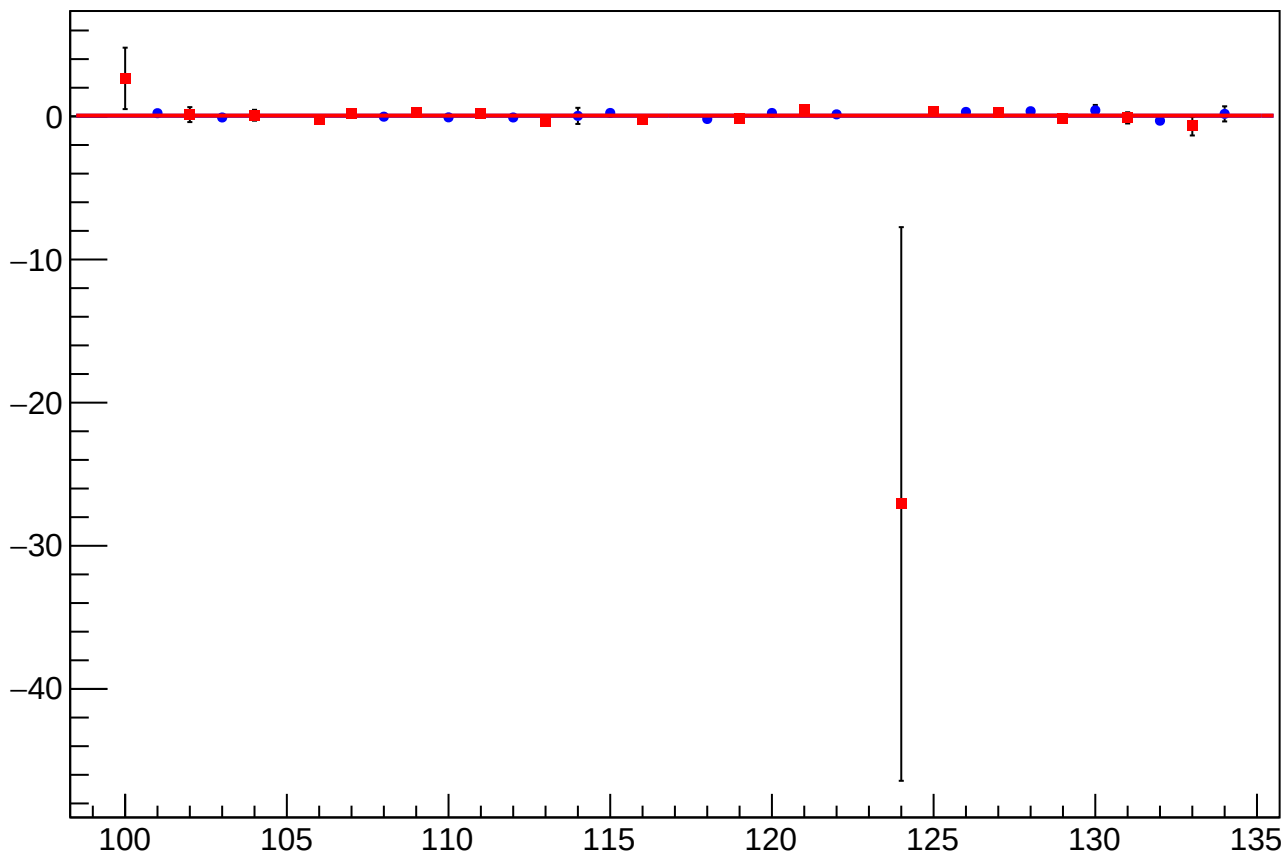
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 4137356.8/31

- 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: 0.054 $\pm$ 0.066 χ^2 /NDF: 17.9/16

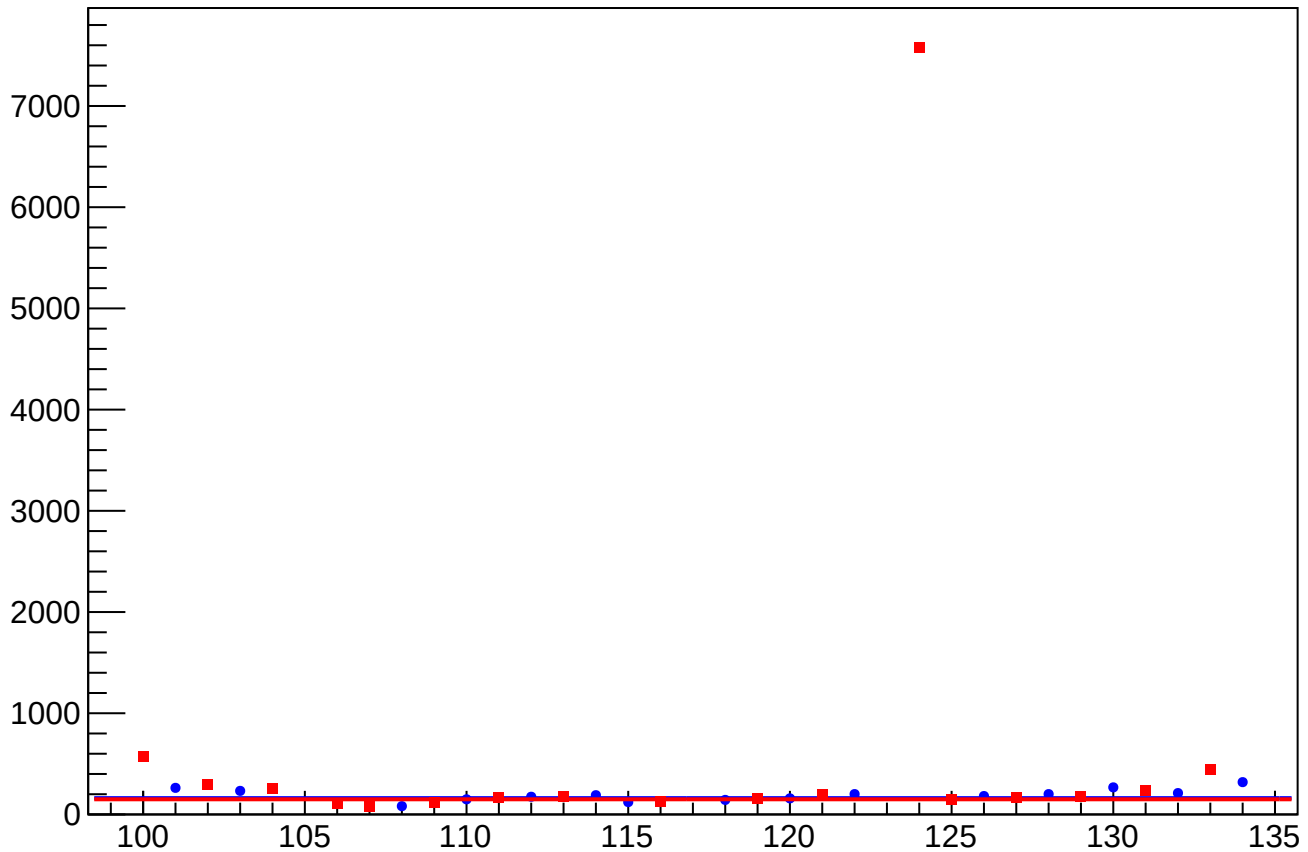
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.048 $\pm$ 0.048 χ^2 /NDF: 25.5/31

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

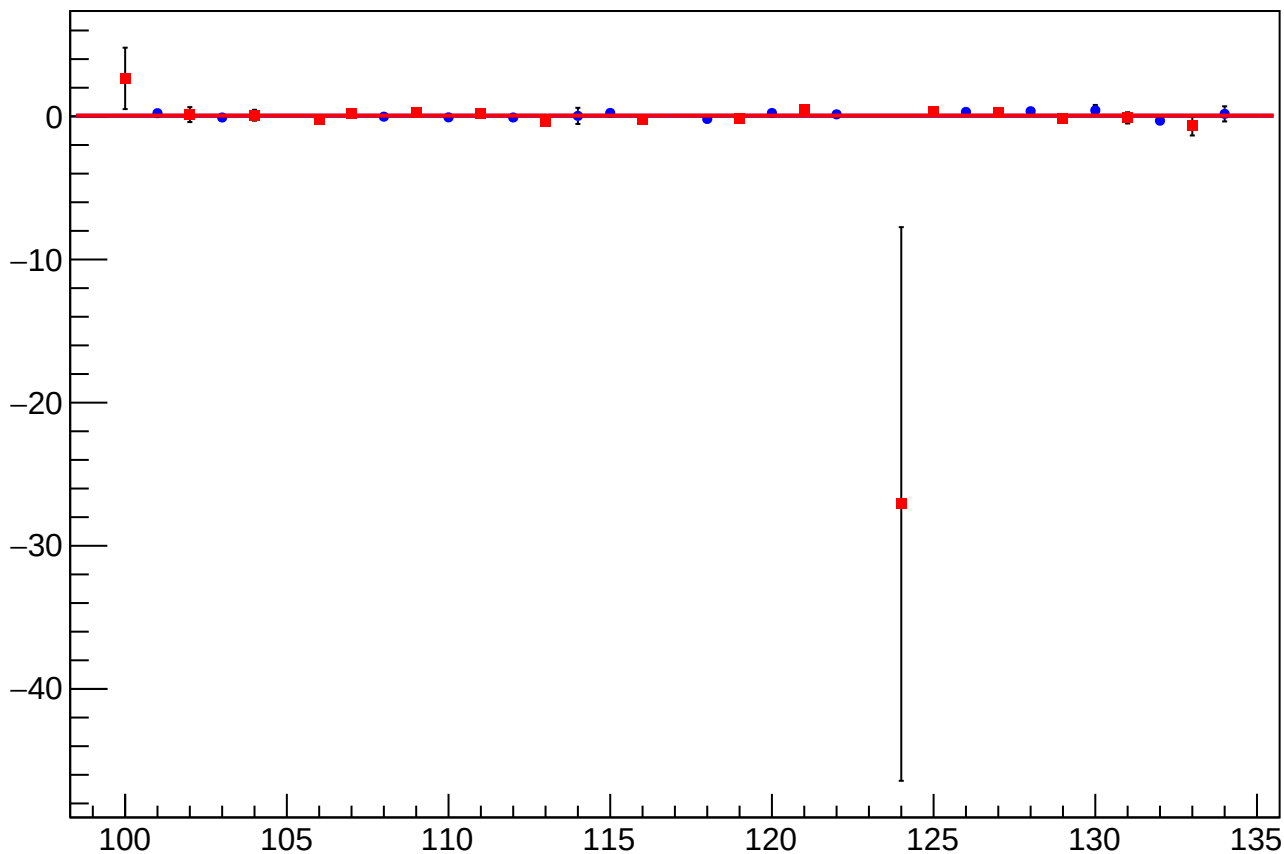
Right Out: 149.837+/-0.047 χ^2/NDF : 1728896.9/16

All: 155.227+/-0.034 χ^2/NDF : 3175829.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_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: 0.054 $\pm$ 0.066 χ^2 /NDF: 17.9/16

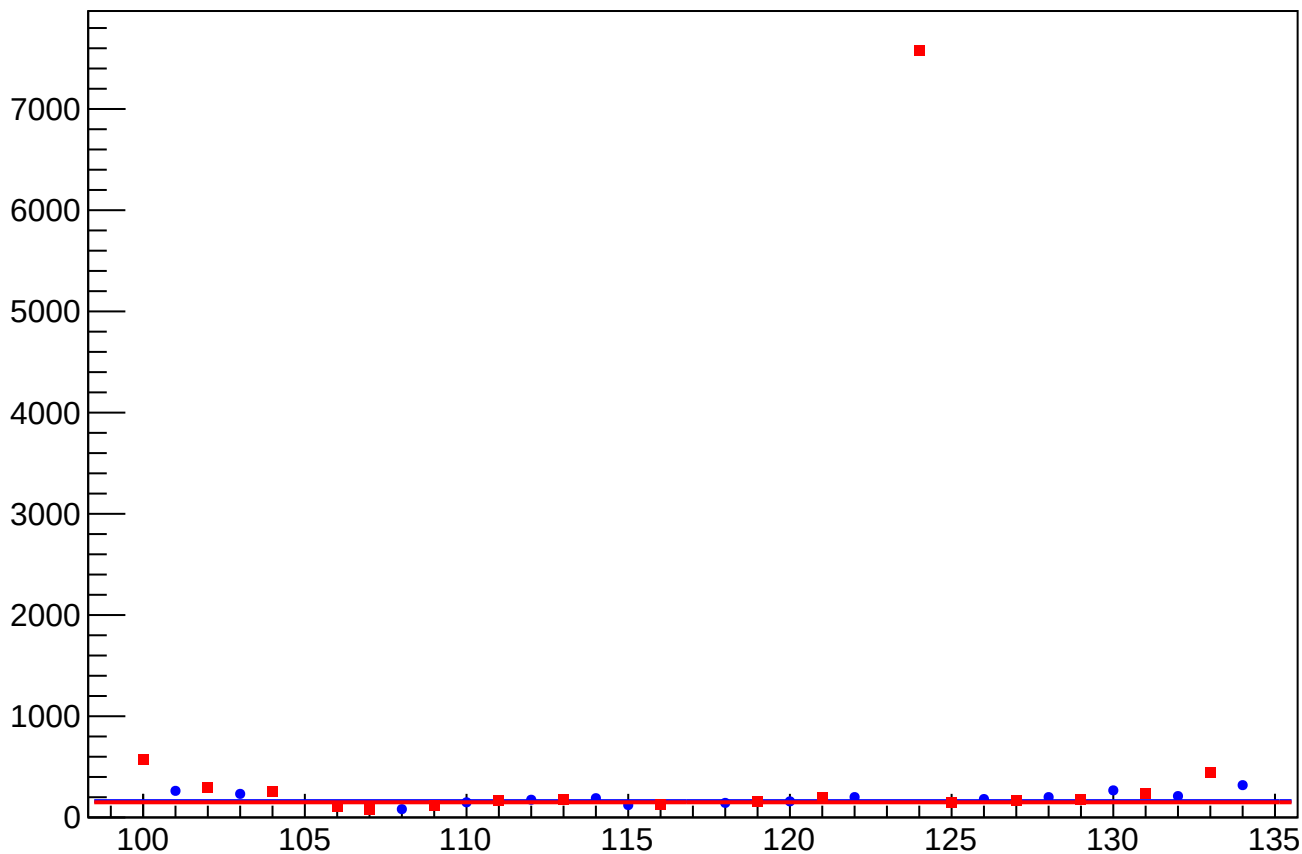
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.048 $\pm$ 0.048 χ^2 /NDF: 25.5/31

- 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

Right Out: 149.837+/-0.047 χ^2/NDF : 1728896.9/16

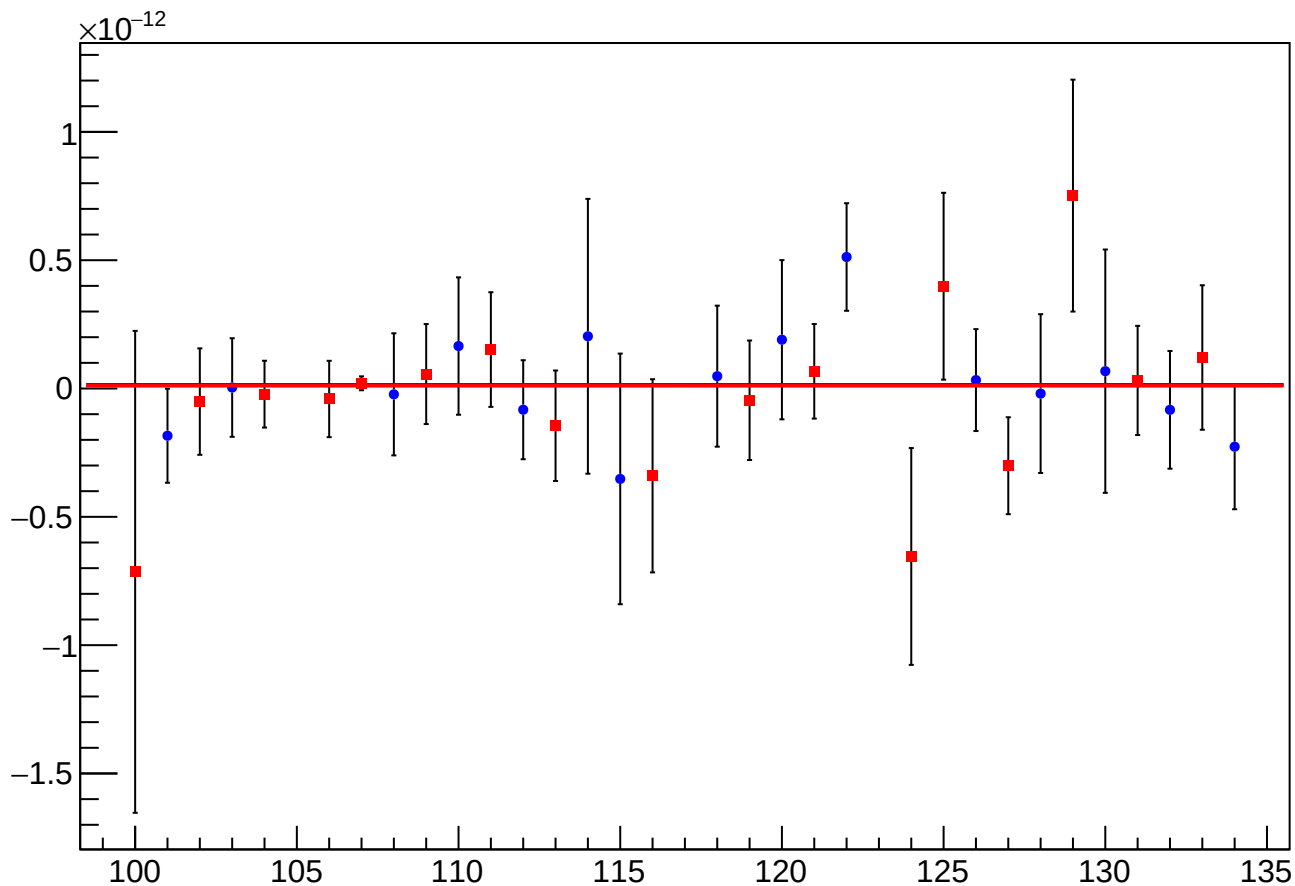
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.227+/-0.034 χ^2/NDF : 3175829.7/31

- sign 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: 12.2/16

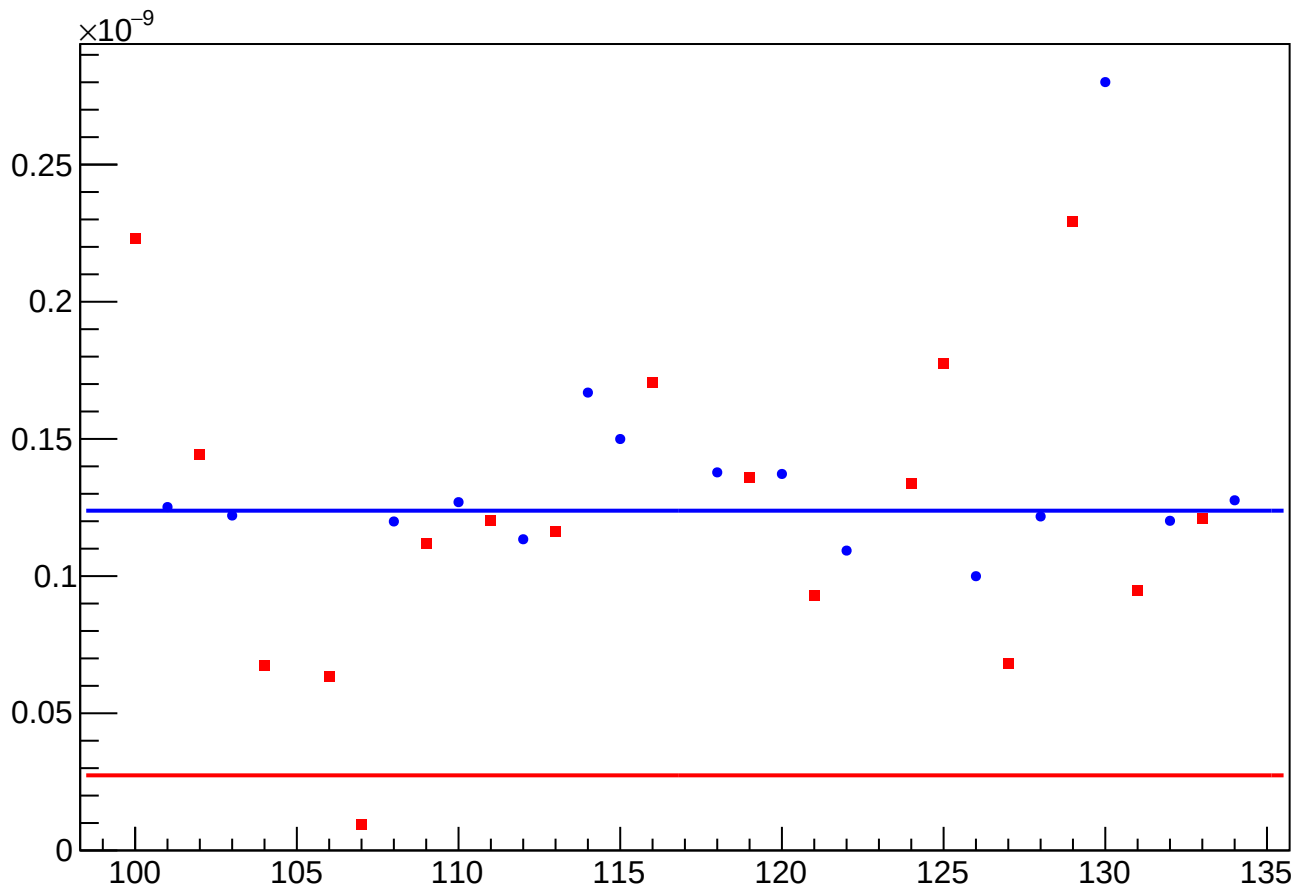
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 21.8/31

- 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 : 5322179.5/16

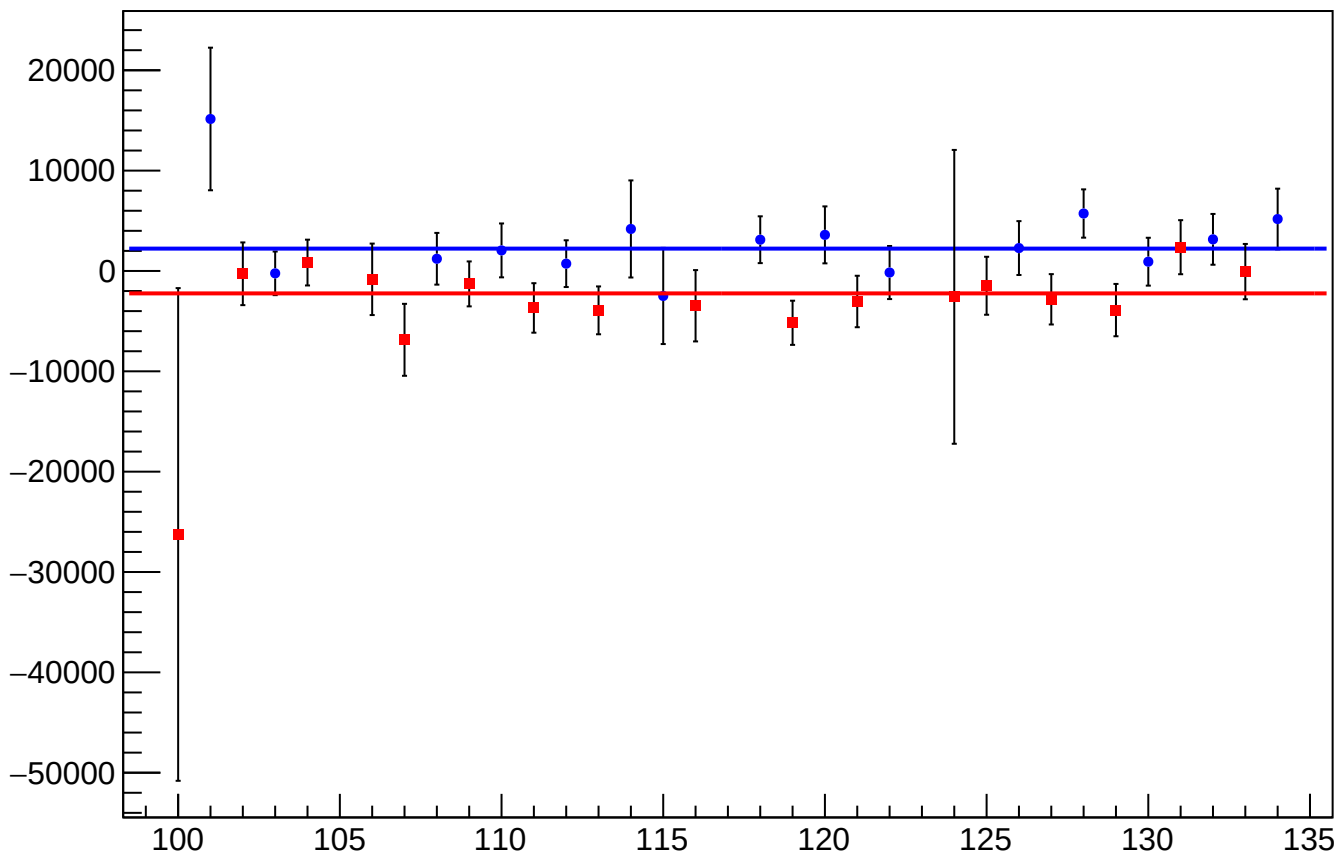
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 9607723.8/31

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_mean vs Slug



Right In: 2227.417 $\pm$ 707.977 χ^2 /NDF: 11.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2234.978 $\pm$ 685.162 χ^2 /NDF: 12.1/16

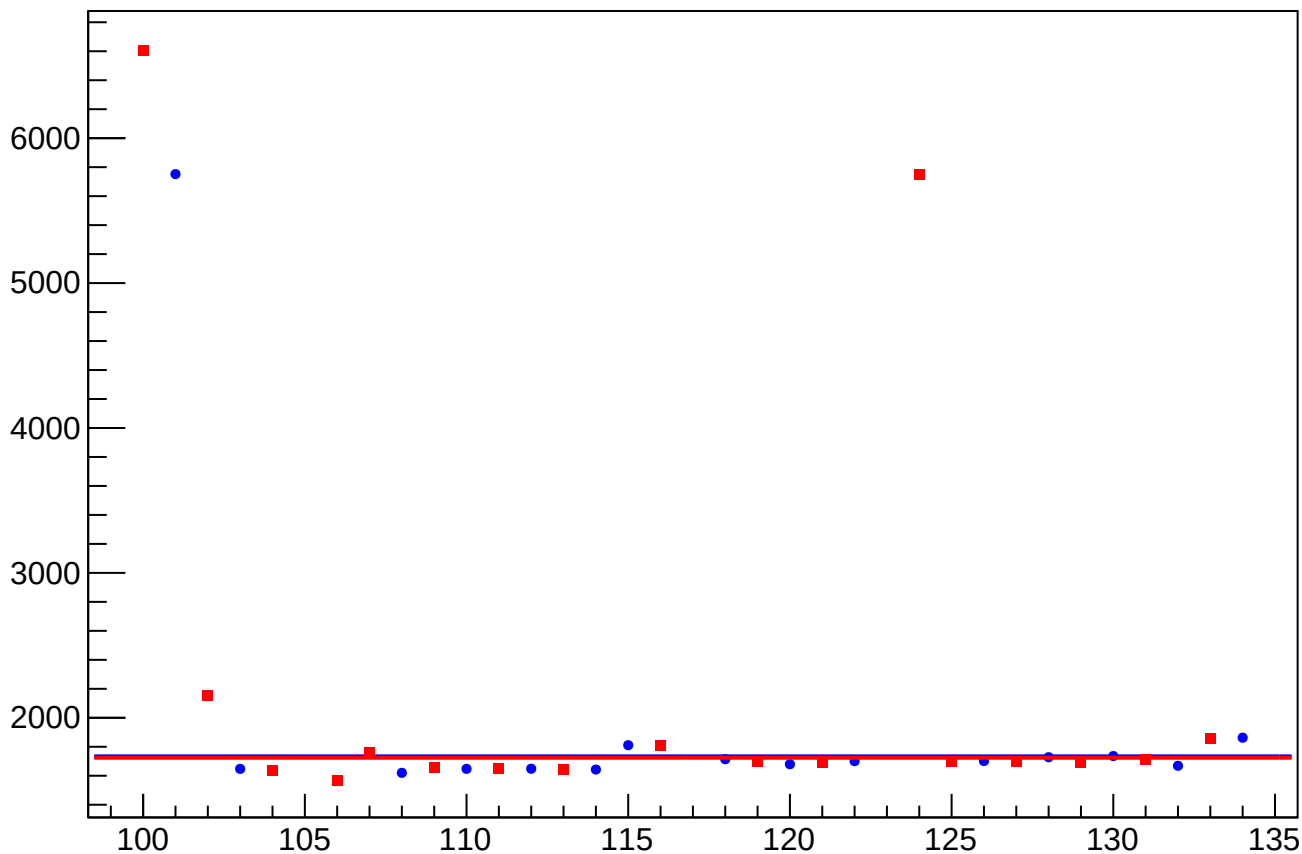
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -76.839 $\pm$ 492.351 χ^2 /NDF: 43.6/31

- sign 0.000 $\pm$ 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: 1724.329+/-0.481 χ^2/NDF : 289598.5/16

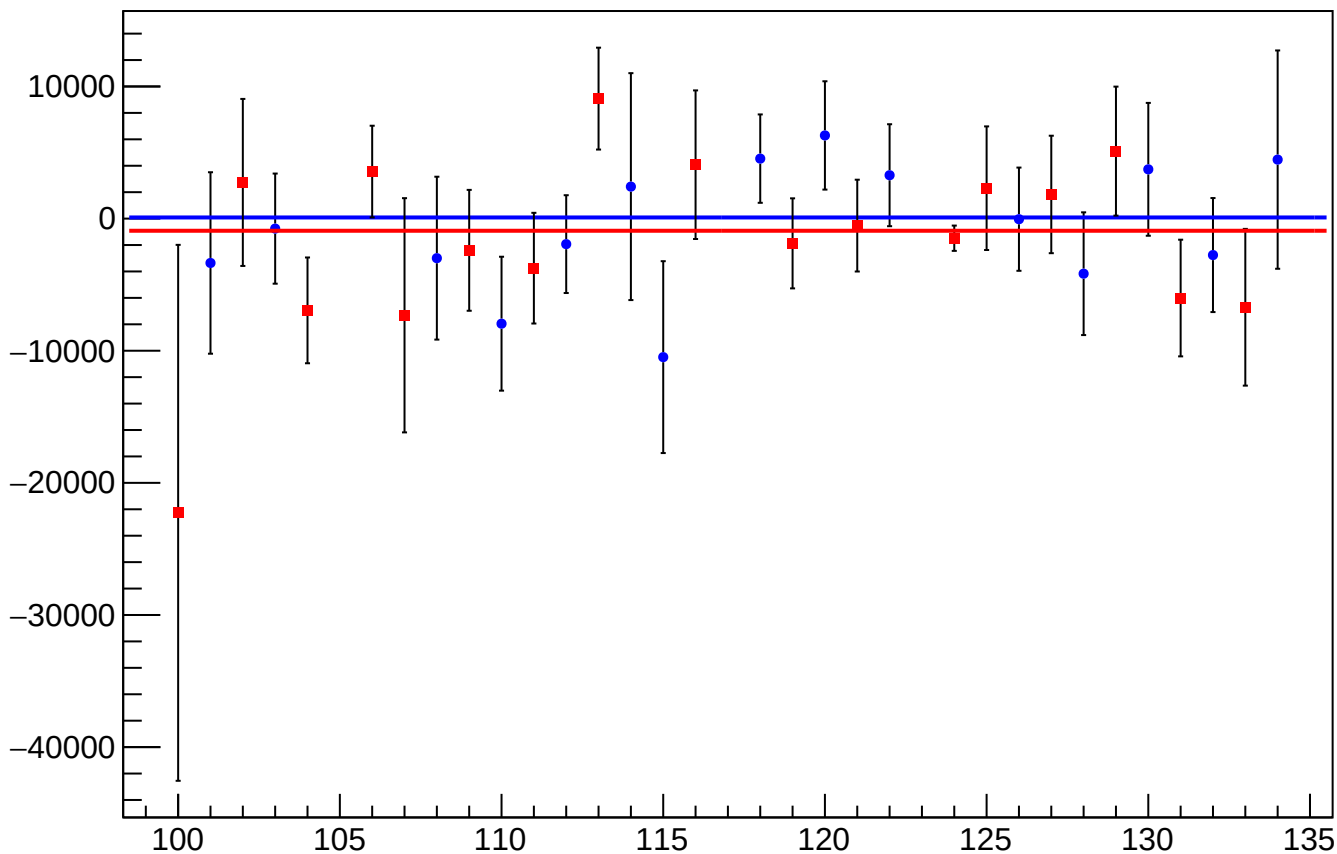
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1728.818+/-0.347 χ^2/NDF : 948841.4/31

- 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: -919.786+/-731.680 χ^2/NDF : 19.1/16

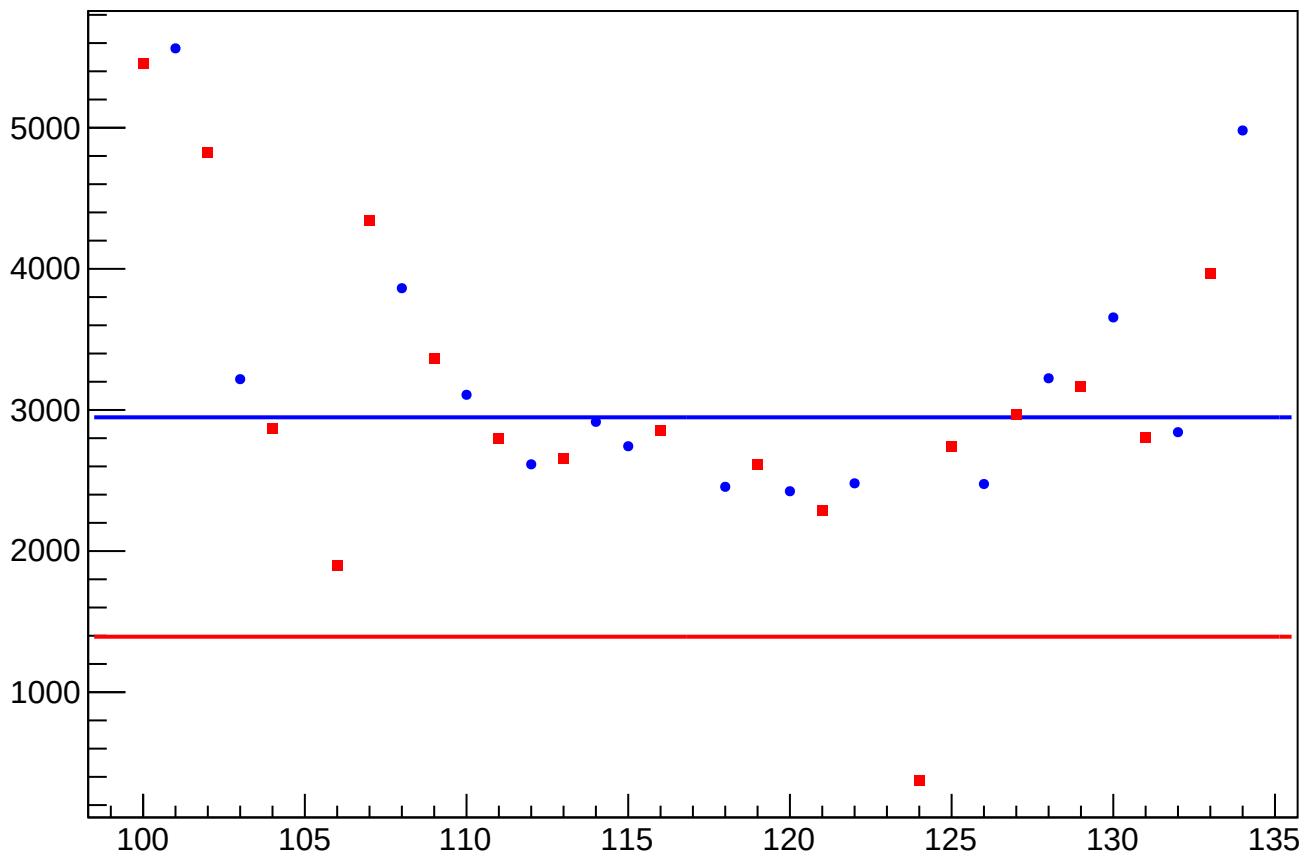
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -649.634+/-625.806 χ^2/NDF : 32.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_reg_correction_rms vs Slug



Right In: 2947.980+/-0.854 χ^2/NDF : 665979.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

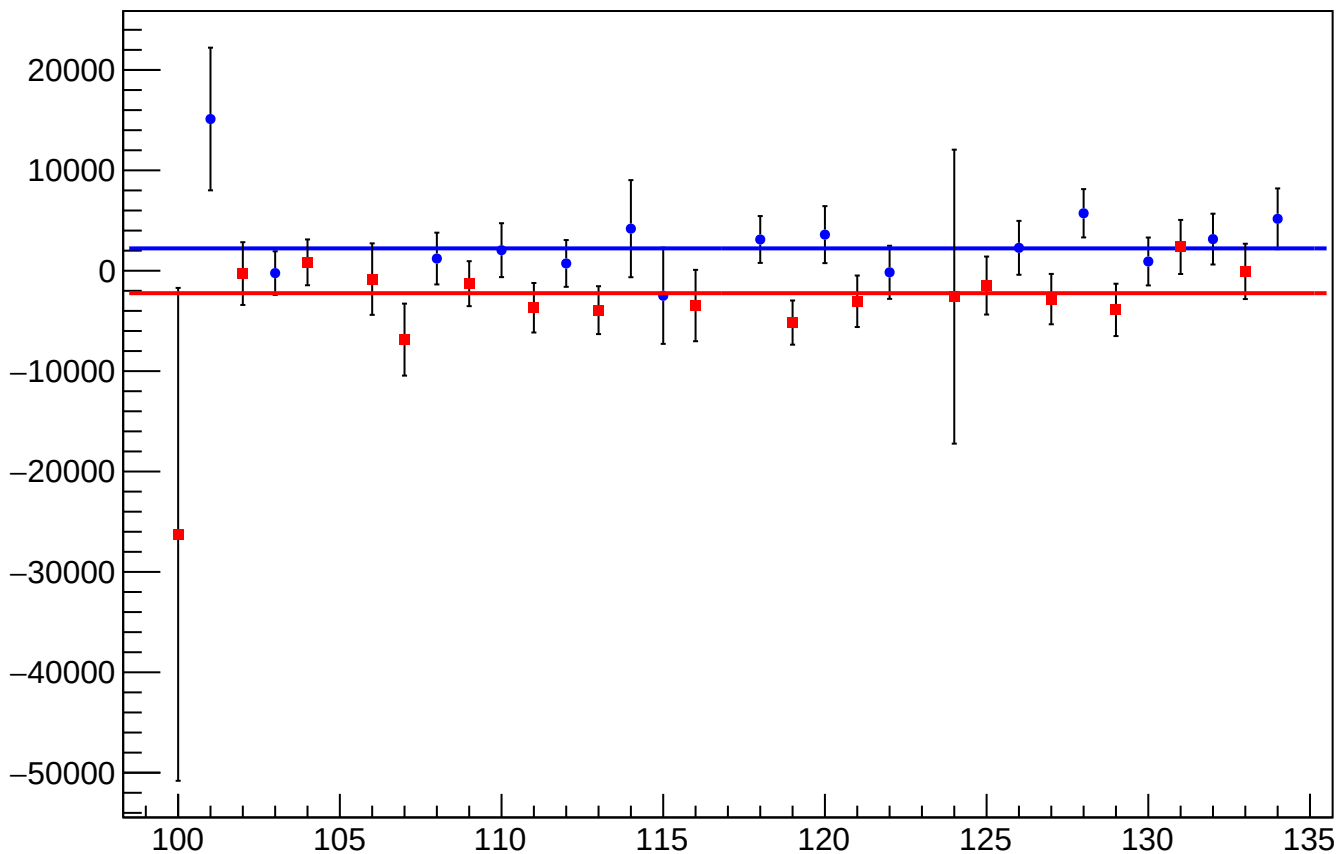
Right Out: 1393.152+/-0.517 χ^2/NDF : 6079120.4/16

All: 1810.566+/-0.443 χ^2/NDF : 9169680.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr1l2_avg_mean vs Slug



Right In: 2227.056+/-707.977 χ^2/NDF : 11.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2235.029+/-685.162 χ^2/NDF : 12.1/16

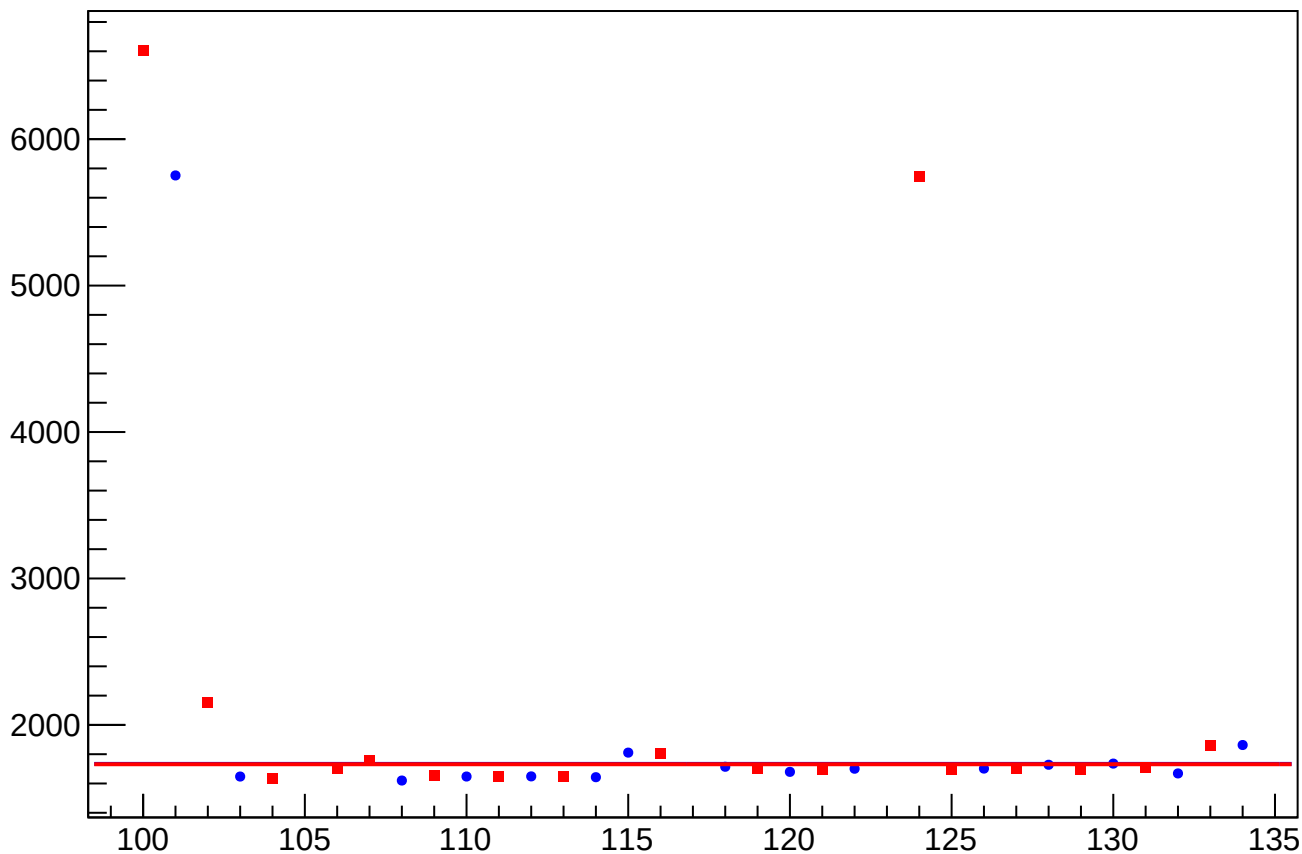
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -77.041+/-492.351 χ^2/NDF : 43.6/31

- sign 0.000+/-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: 1731.531+/-0.483 χ^2/NDF : 283894.6/16

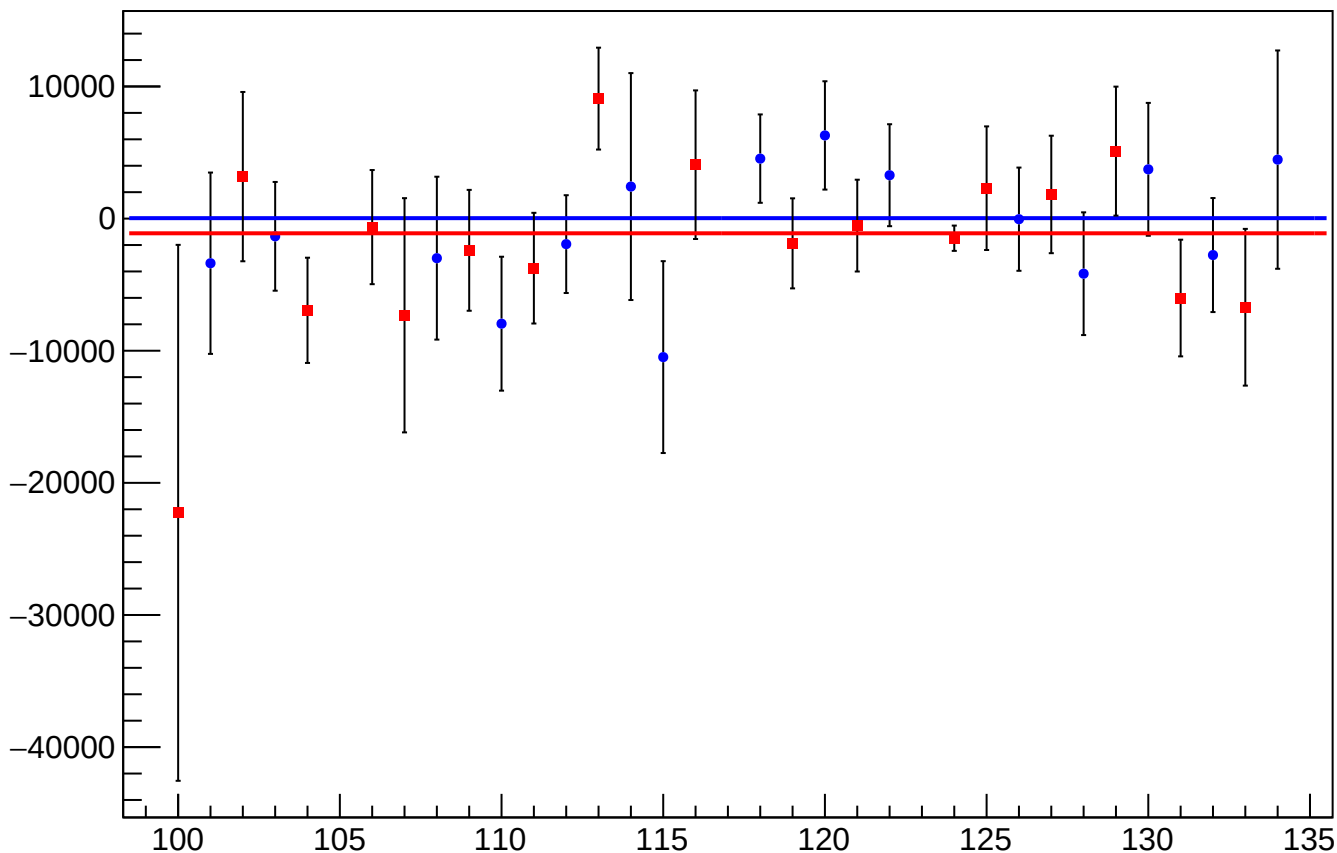
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1732.570+/-0.347 χ^2/NDF : 942965.4/31

- 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: -1112.056+/-737.544 χ^2/NDF : 17.4/16

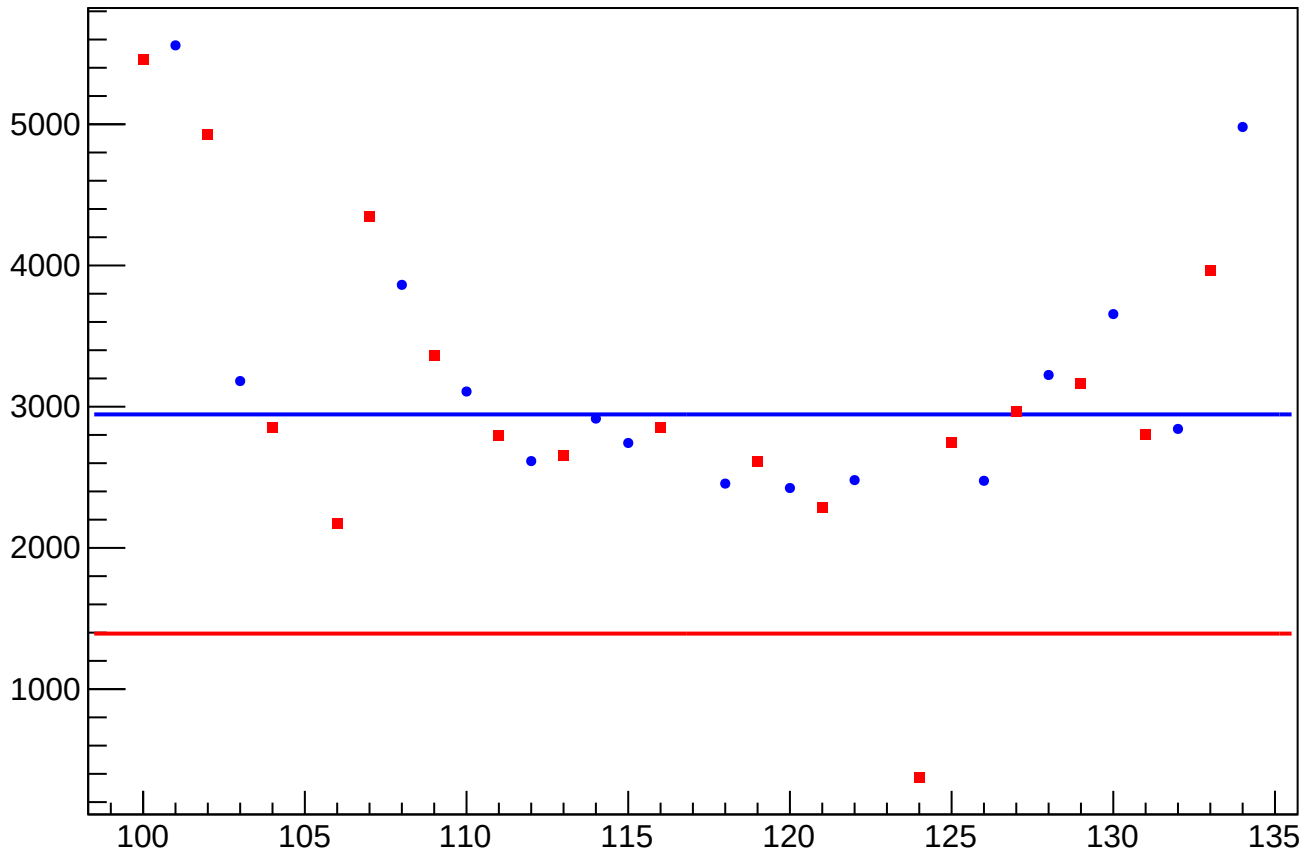
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -800.303+/-629.276 χ^2/NDF : 30.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_cor_correction_rms vs Slug



Right In: 2945.394 $\pm$ 0.853 χ^2 /NDF: 663533.7/14

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

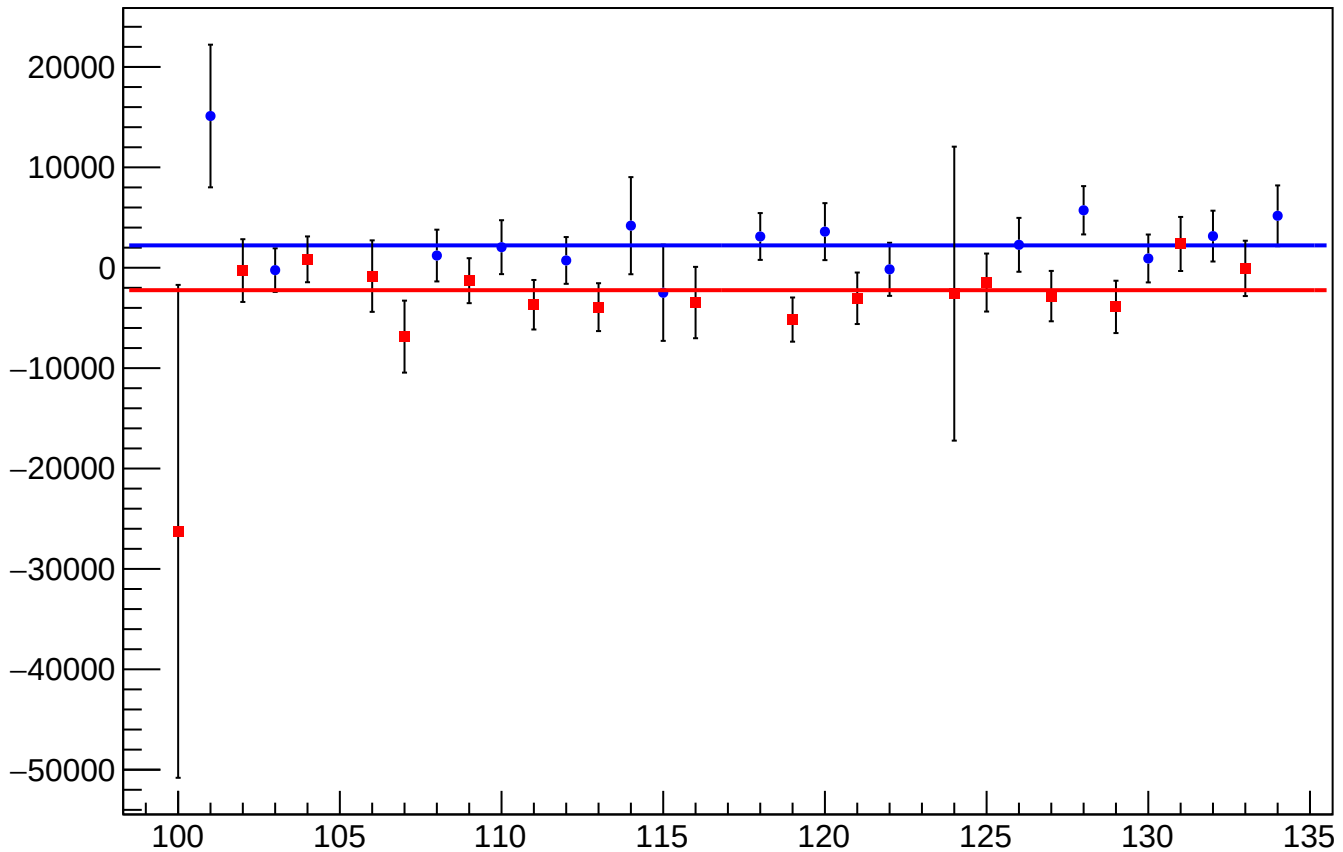
Right Out: 1393.274 $\pm$ 0.522 χ^2 /NDF: 6118144.0/16

All: 1815.515 $\pm$ 0.445 χ^2 /NDF: 9191243.7/31

- 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_atr1l2_avg_mean vs Slug



Right In: 2227.056±/-707.977 χ^2/NDF : 11.0/14

Left Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

Right Out: -2235.029±/-685.162 χ^2/NDF : 12.1/16

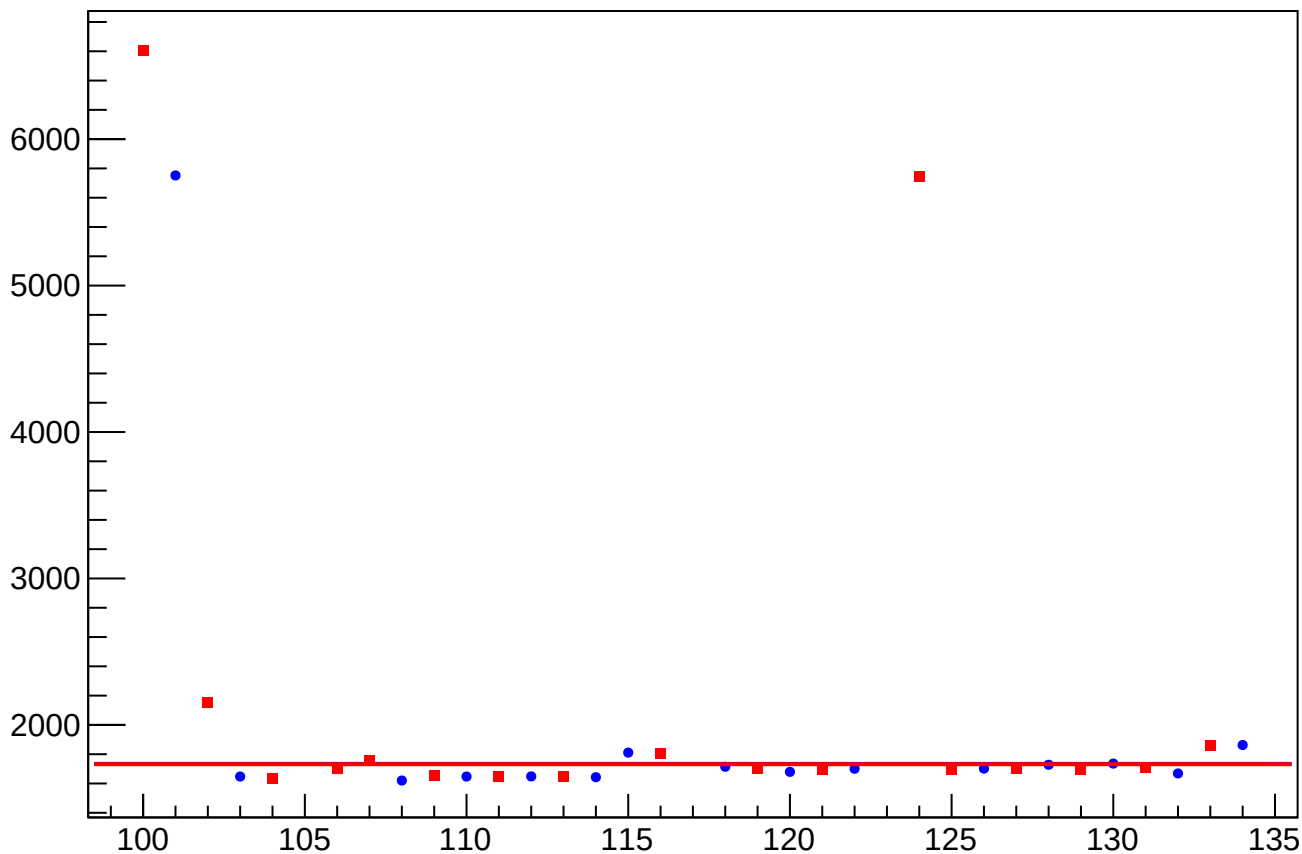
Left In: 0.000±/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000±/-0.000 χ^2/NDF : 0.0/0

All: -77.041±/-492.351 χ^2/NDF : 43.6/31

- sign 0.000±/-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: 1731.531+/-0.483 χ^2 /NDF: 283894.6/16

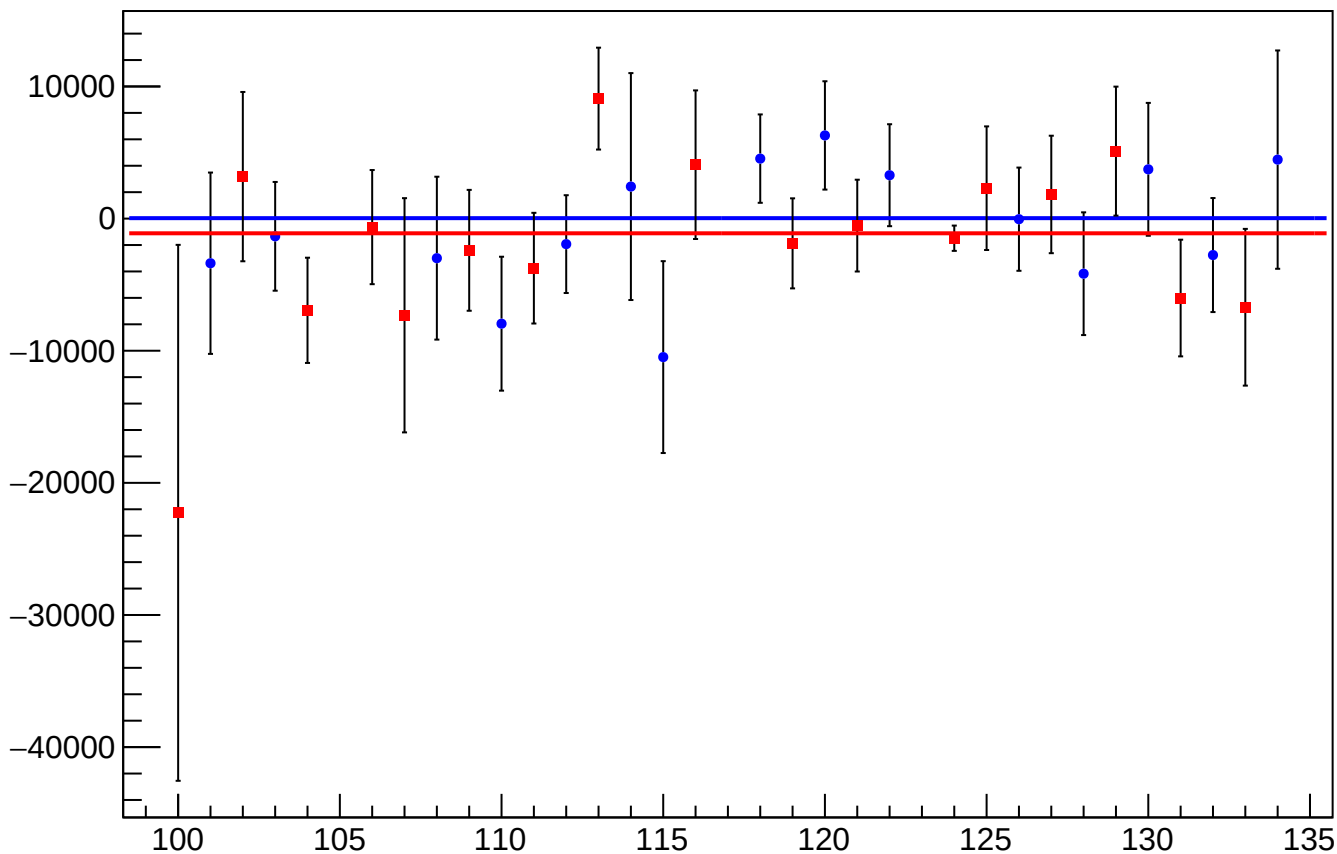
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1732.570+/-0.347 χ^2 /NDF: 942965.4/31

- 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: -1112.056+/-737.544 χ^2/NDF : 17.4/16

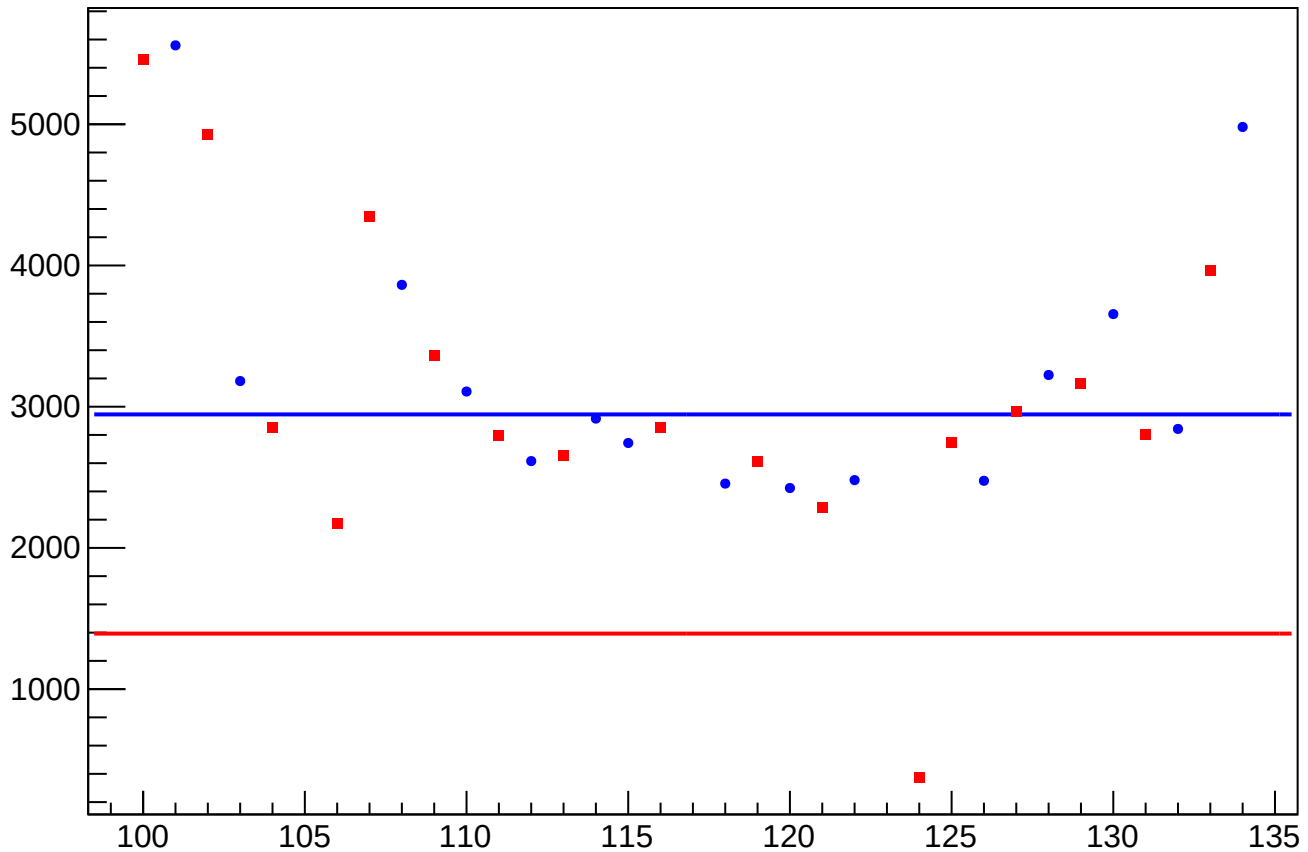
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -800.303+/-629.276 χ^2/NDF : 30.6/31

- 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

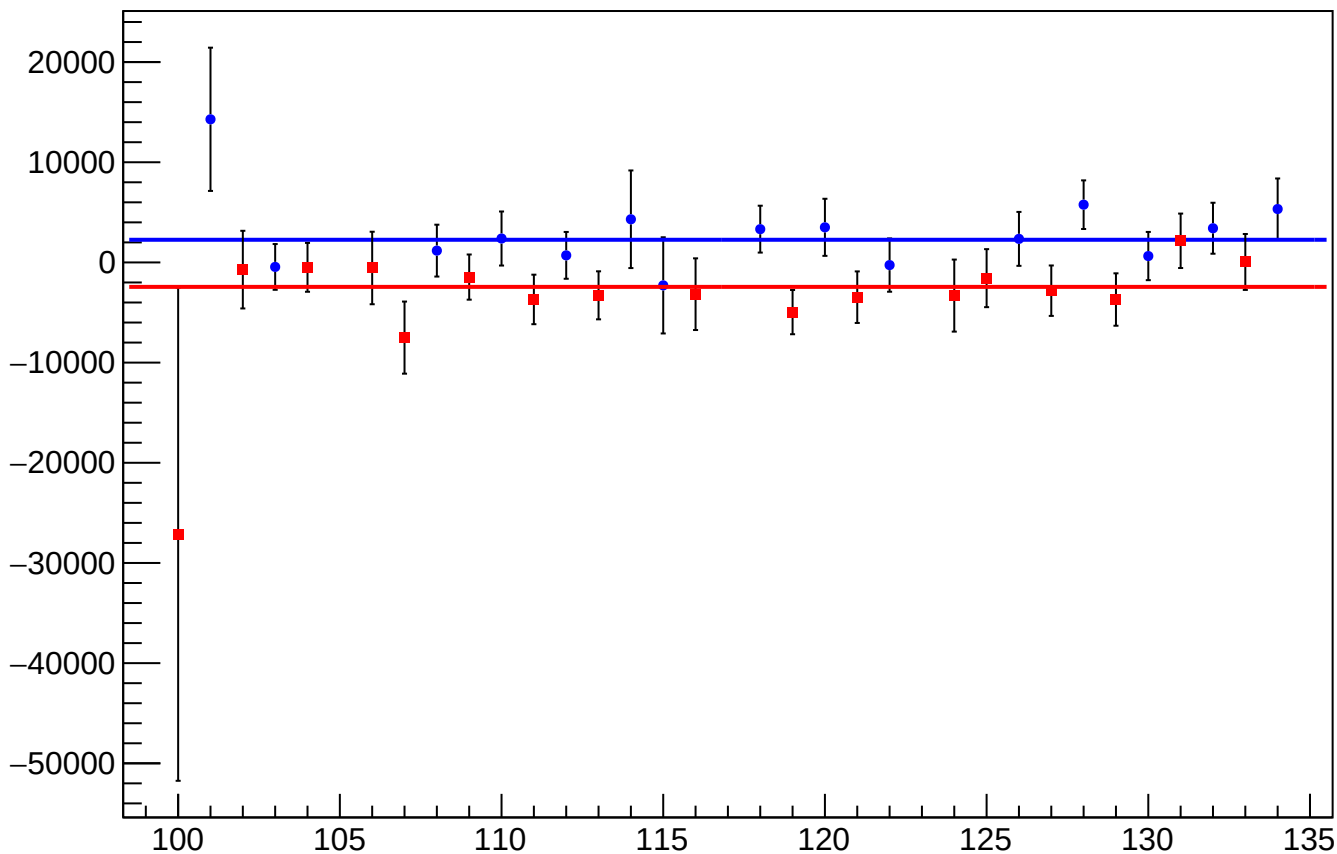
Right Out: 1393.274+/-0.522 χ^2/NDF : 6118144.0/16

All: 1815.515+/-0.445 χ^2/NDF : 9191243.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -2440.283+/-686.292 χ^2/NDF : 10.2/16

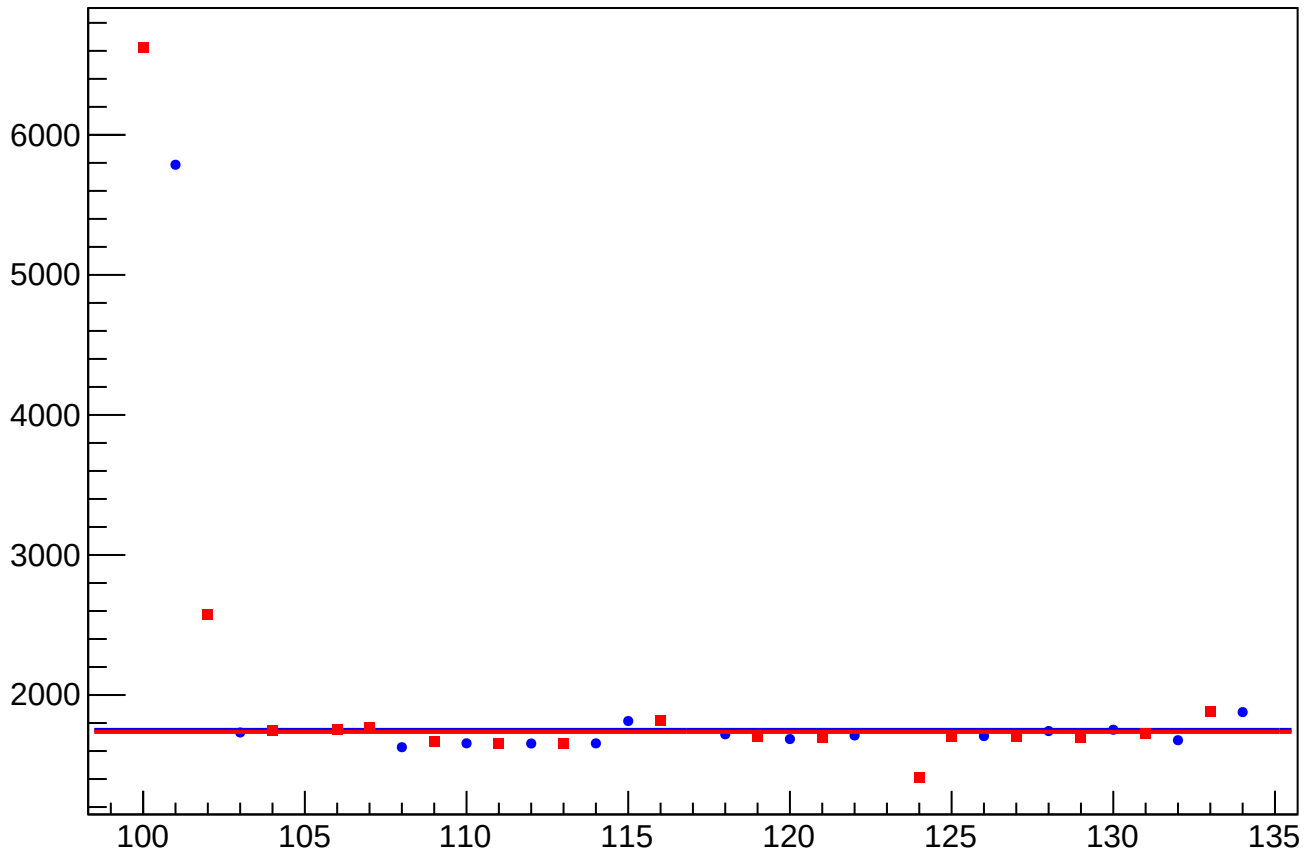
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -185.553+/-495.118 χ^2/NDF : 43.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr1l2_avg_rms vs Slug



Right In: 1750.988 $\pm$ 0.506 χ^2 /NDF: 656598.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1736.499 $\pm$ 0.484 χ^2 /NDF: 203655.6/16

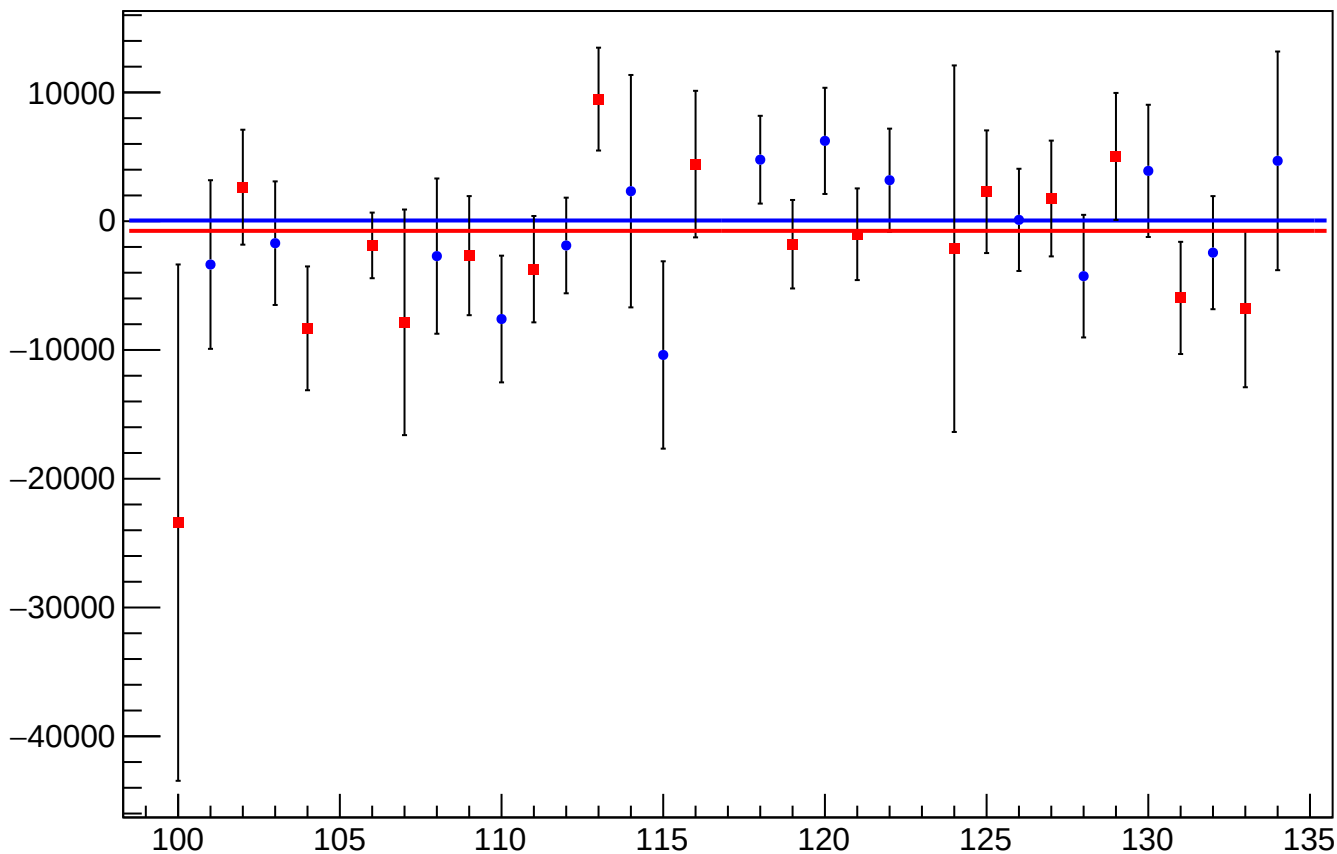
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1743.426 $\pm$ 0.350 χ^2 /NDF: 860683.1/31

- sign 0.000 $\pm$ 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: -750.187 $\pm$ 1088.047 χ^2 /NDF: 17.9/16

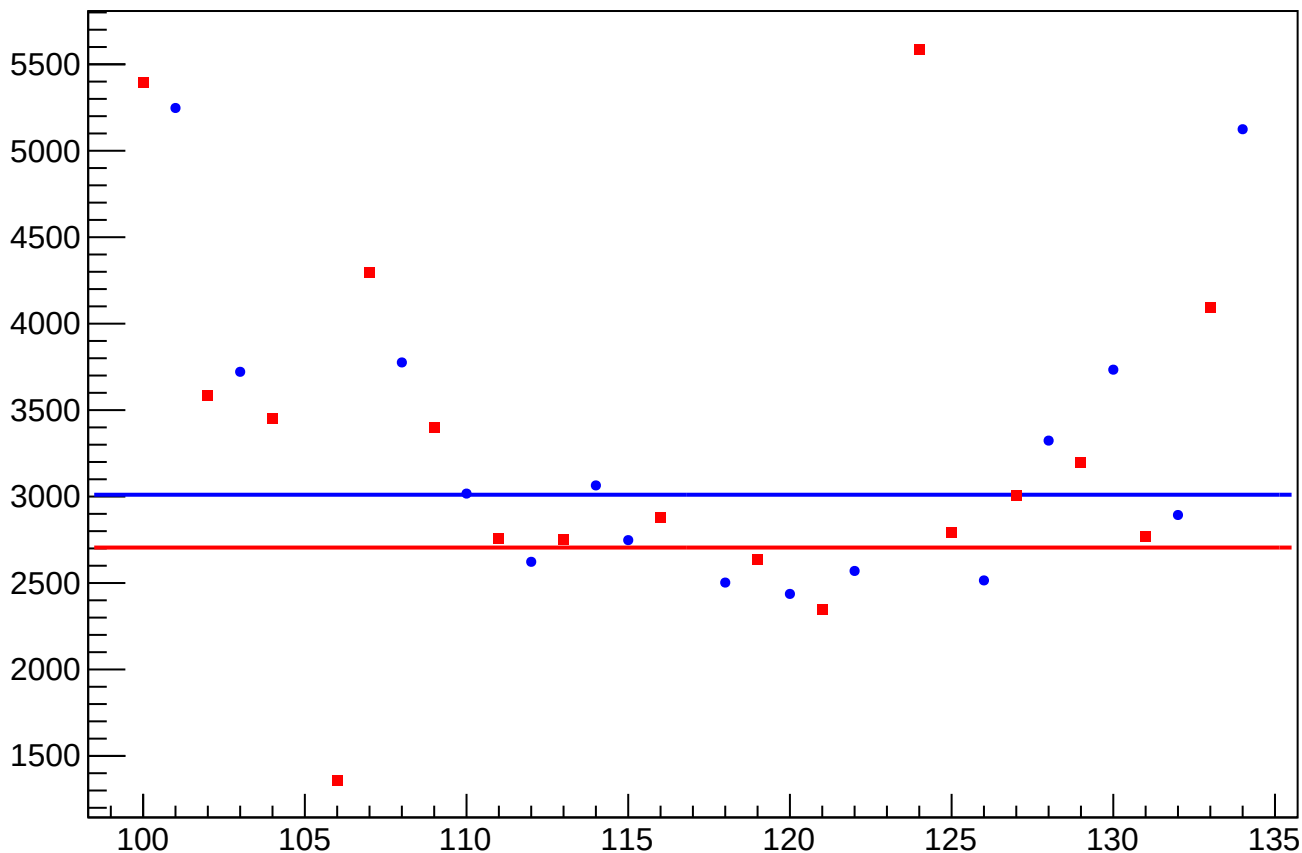
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -397.602 $\pm$ 815.793 χ^2 /NDF: 30.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_dit_correction_rms vs Slug



Right In: 3010.607+/-0.872 χ^2/NDF : 646325.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2705.132+/-0.769 χ^2/NDF : 1071216.1/16

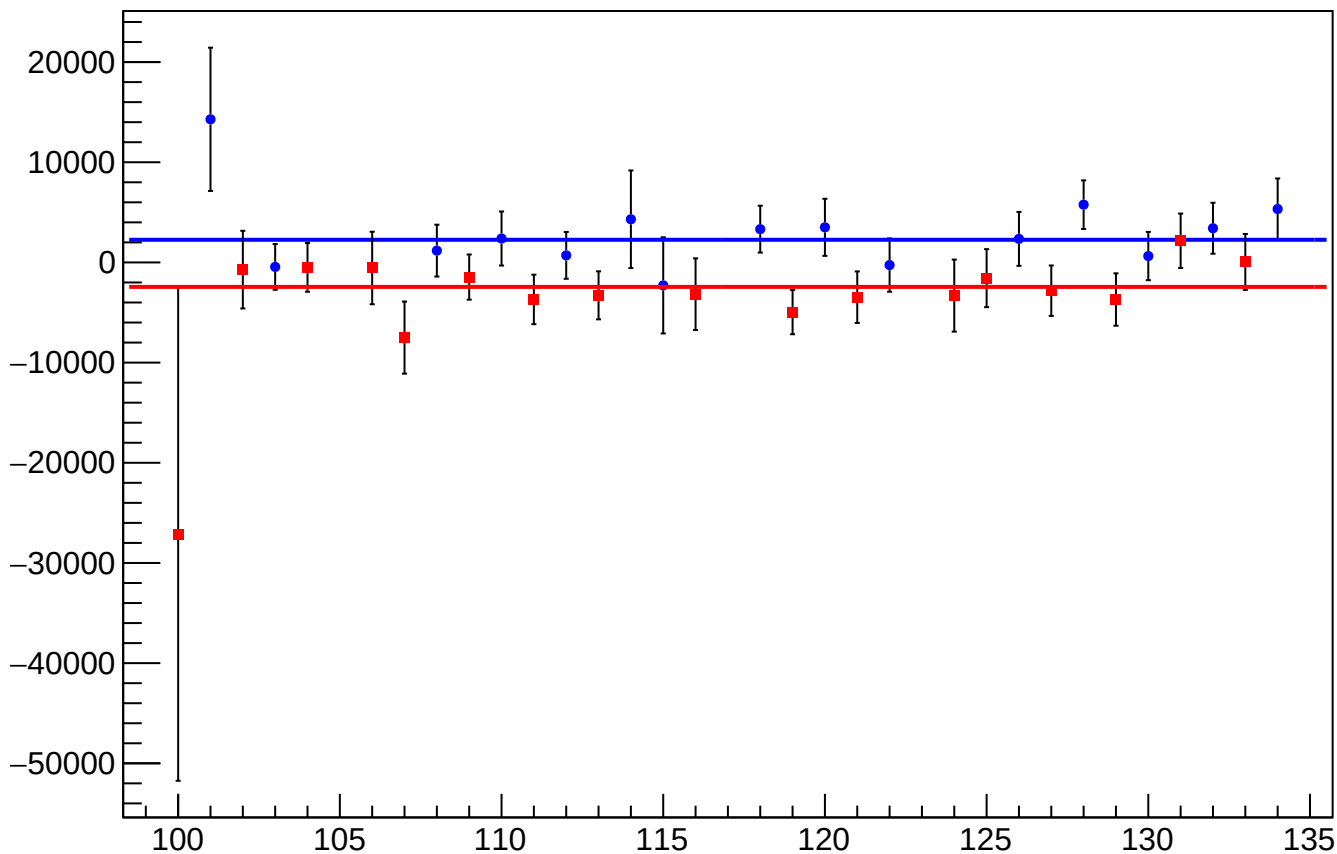
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2838.879+/-0.577 χ^2/NDF : 1786564.6/31

- sign 0.000+/-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: -2440.284 $\pm$ 686.291 χ^2 /NDF: 10.2/16

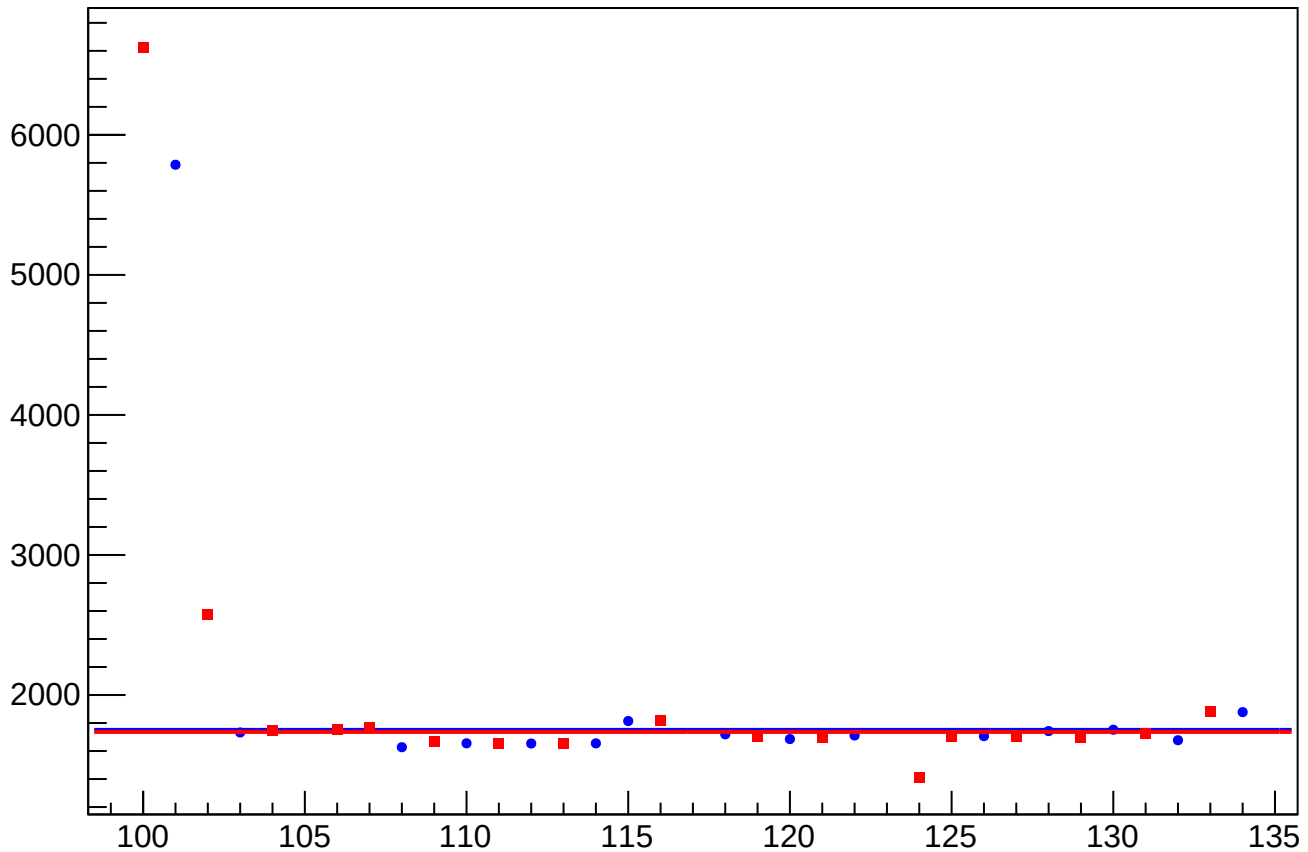
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -185.552 $\pm$ 495.118 χ^2 /NDF: 43.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atr1l2_avg_rms vs Slug



Right In: 1750.988 ± 0.506 χ^2/NDF : 656598.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

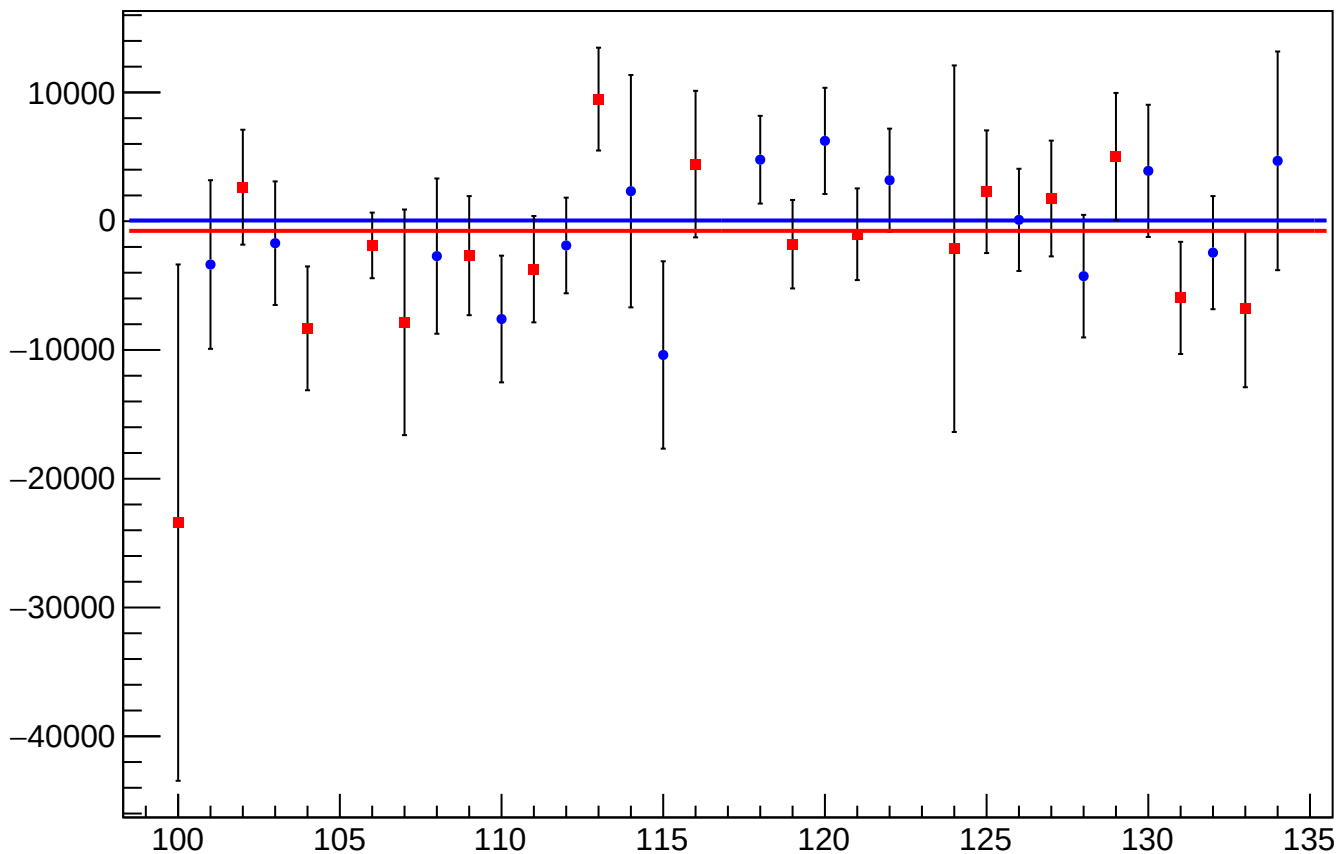
Right Out: 1736.499 ± 0.484 χ^2/NDF : 203655.5/16

All: 1743.426 ± 0.350 χ^2/NDF : 860682.9/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_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: -750.188+/-1088.042 χ^2/NDF : 17.9/16

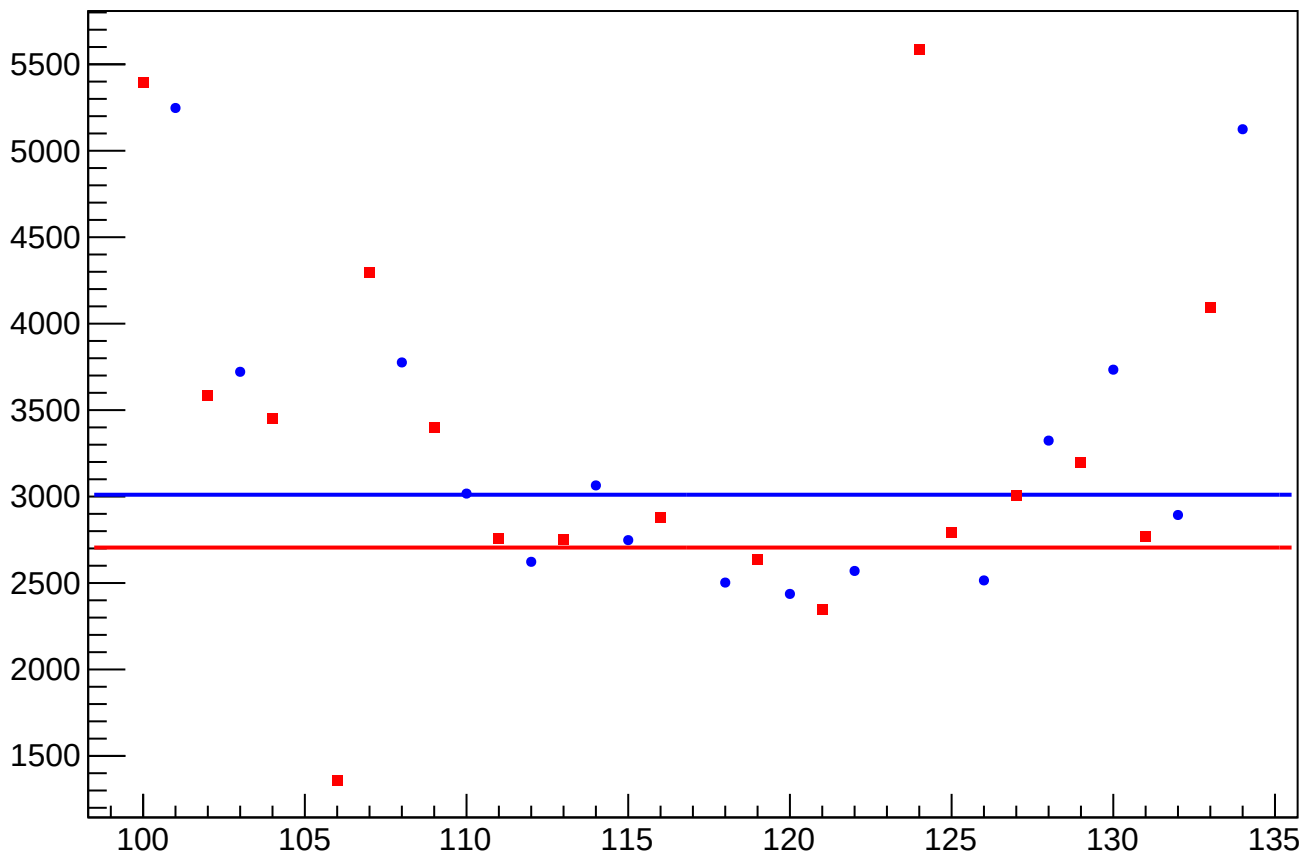
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -397.602+/-815.790 χ^2/NDF : 30.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_correction_rms vs Slug



Right In: 3010.595+/-0.872 χ^2/NDF : 646330.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

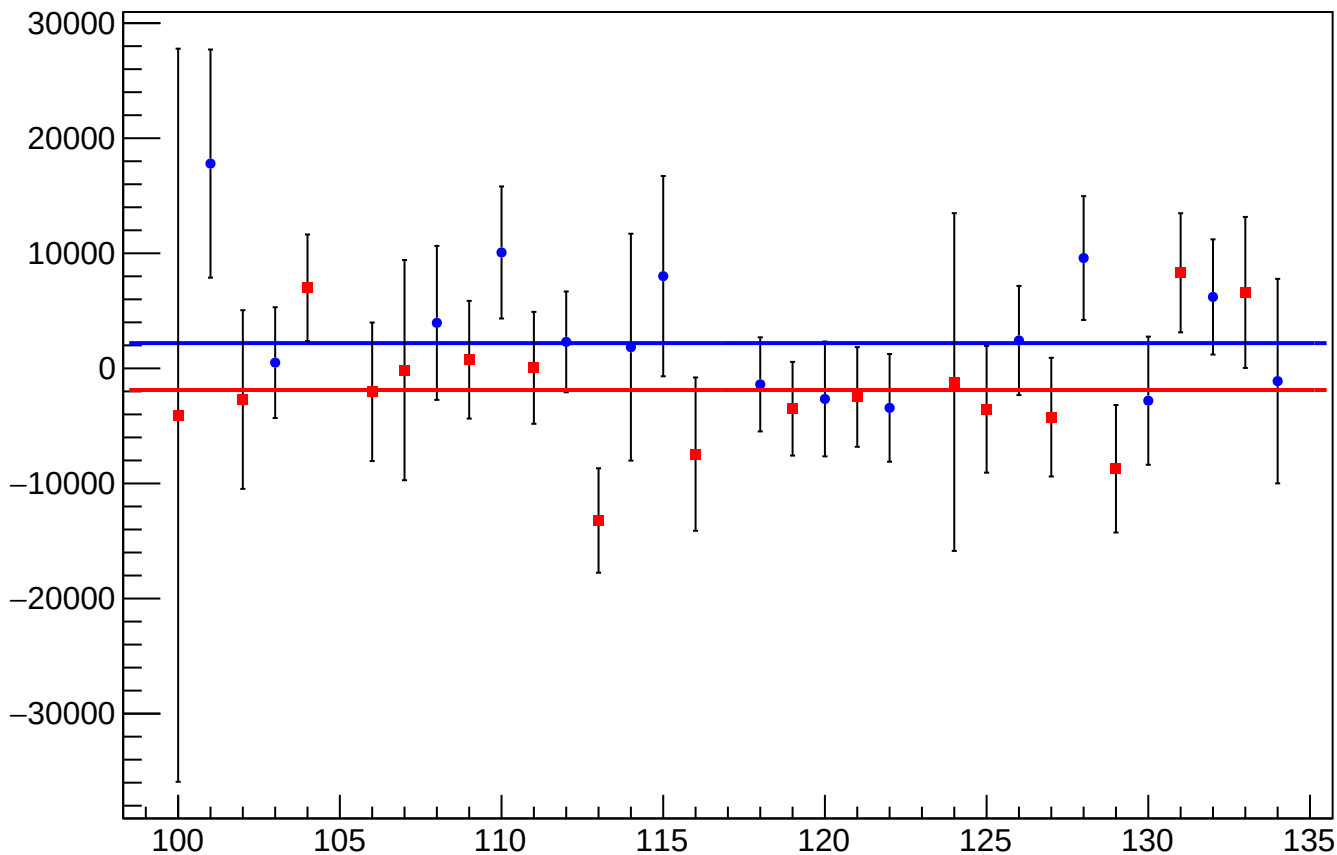
Right Out: 2705.119+/-0.769 χ^2/NDF : 1071230.5/16

All: 2838.866+/-0.577 χ^2/NDF : 1786585.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_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: -1877.417 $\pm$ 1365.463 χ^2 /NDF: 18.6/16

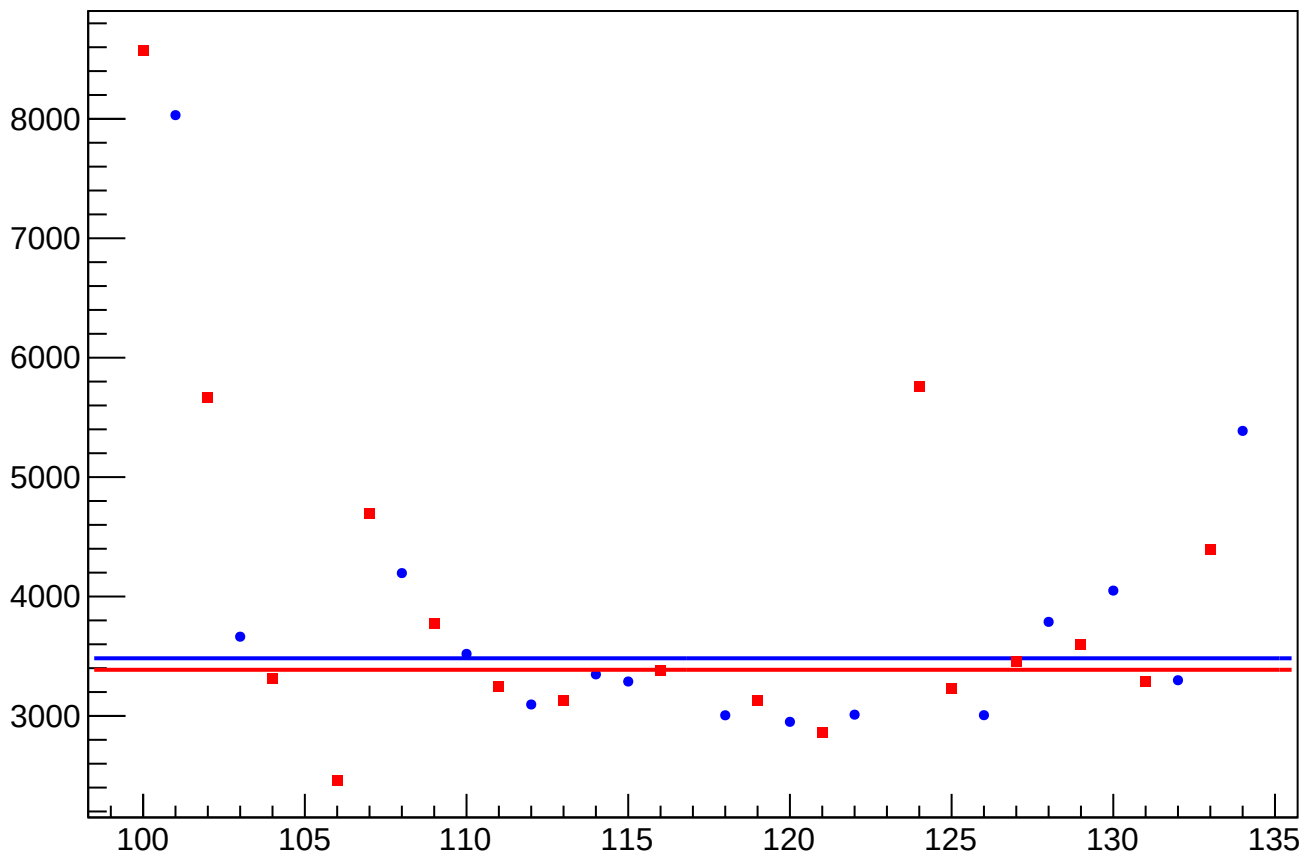
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 69.233 $\pm$ 986.541 χ^2 /NDF: 34.5/31

- 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: 3386.399+/-0.950 χ^2/NDF : 502247.3/16

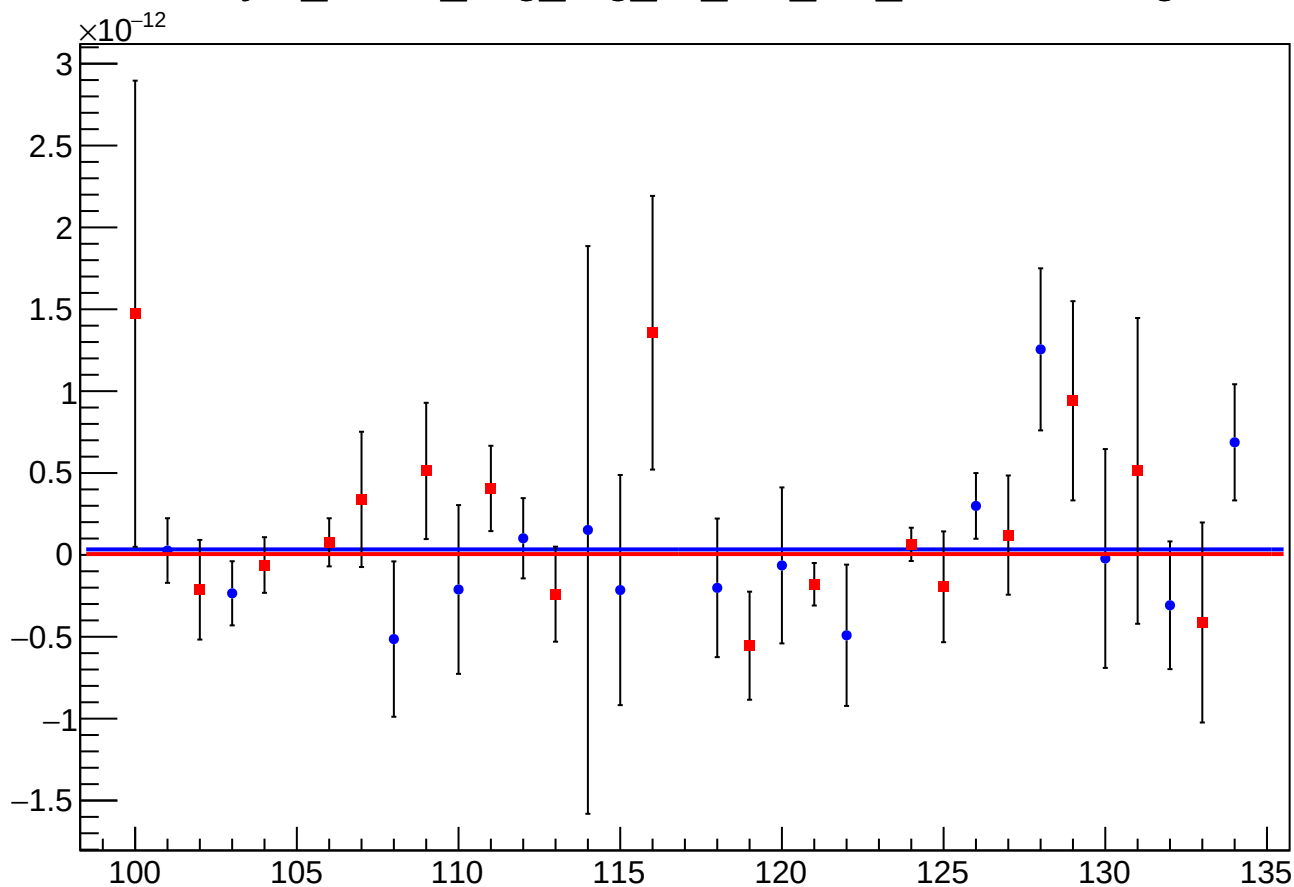
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3431.691+/-0.692 χ^2/NDF : 1183092.6/31

- 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: 18.6/16

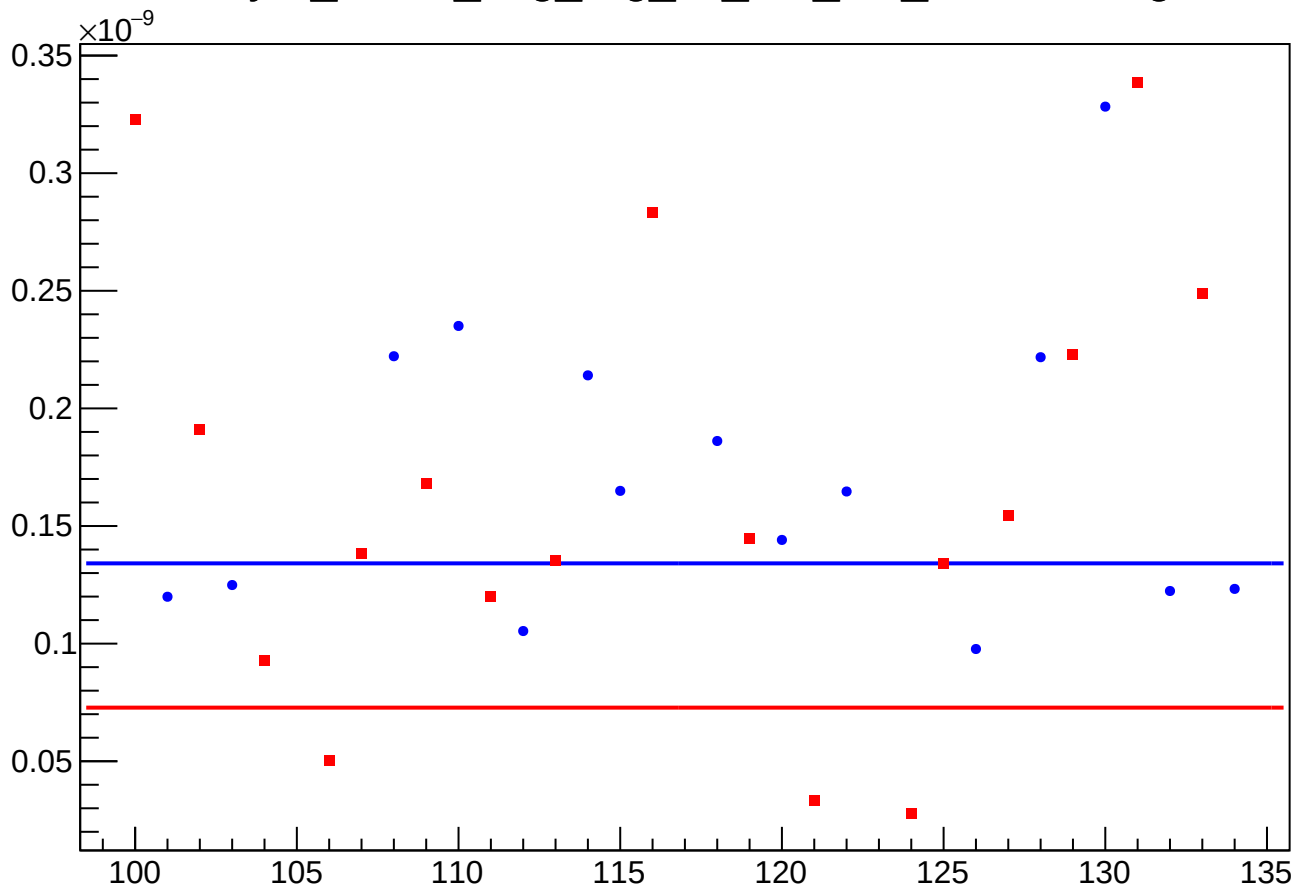
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 36.2/31

- 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 : 2171234.2/16

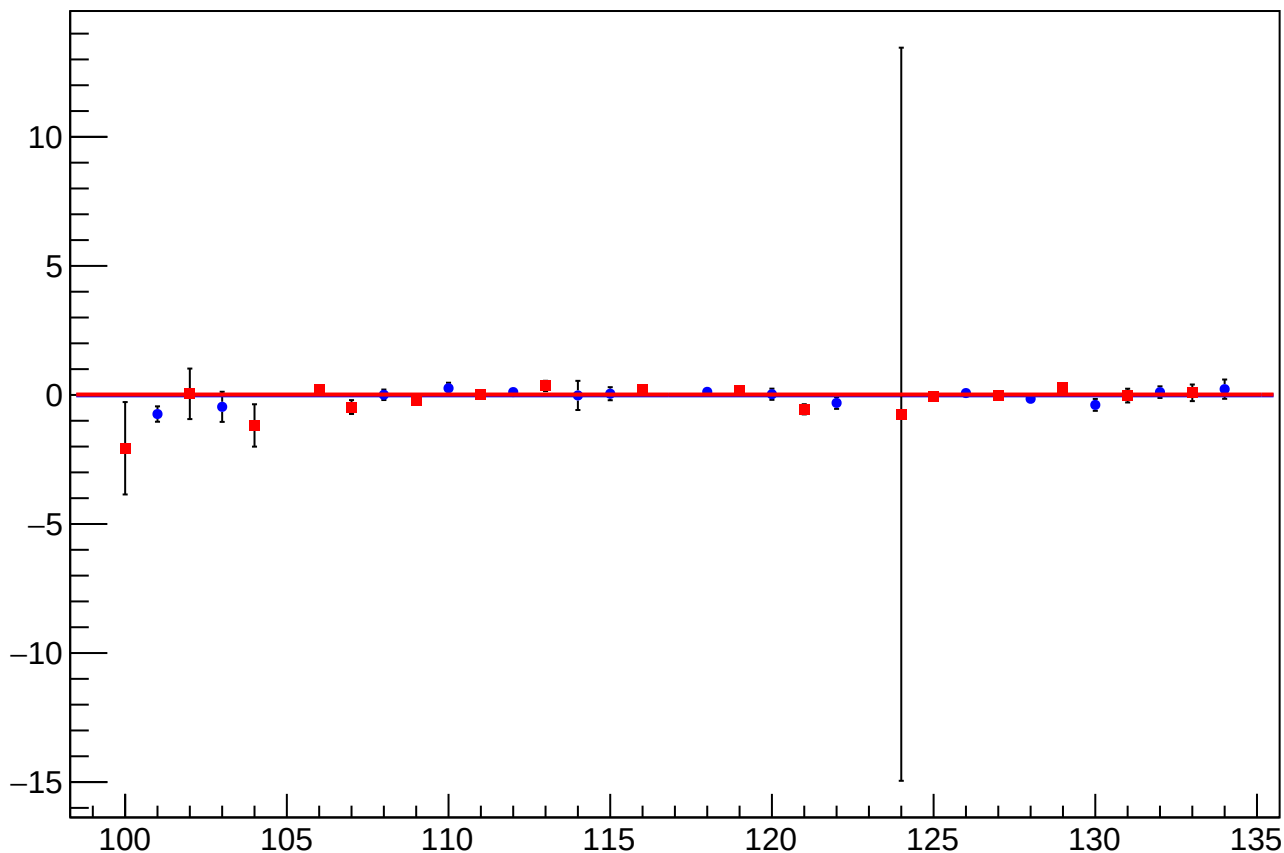
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3442345.4/31

- 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: 0.016 ± 0.052 χ^2/NDF : 26.5/16

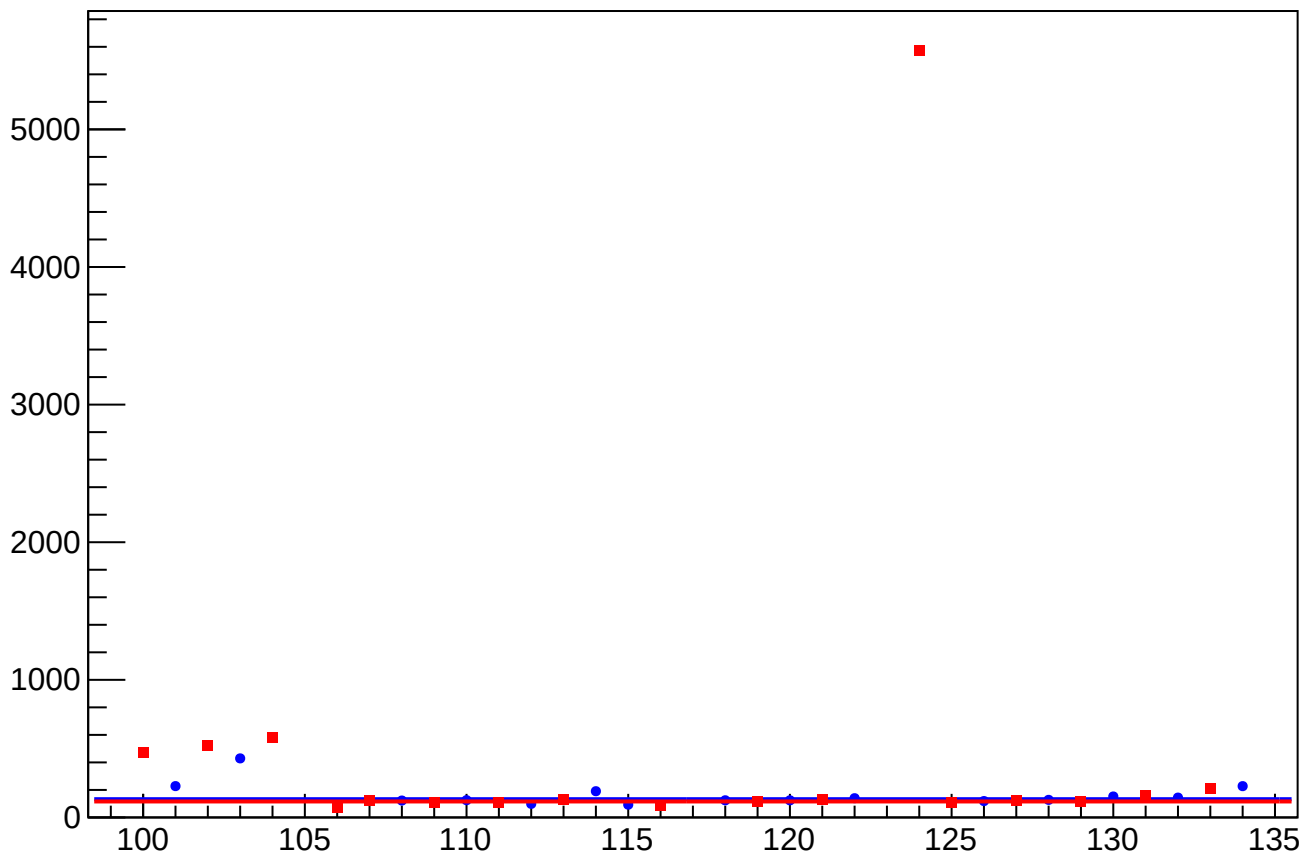
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.039 χ^2/NDF : 42.0/31

- 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: 116.198+/-0.037 χ^2/NDF : 1838167.0/16

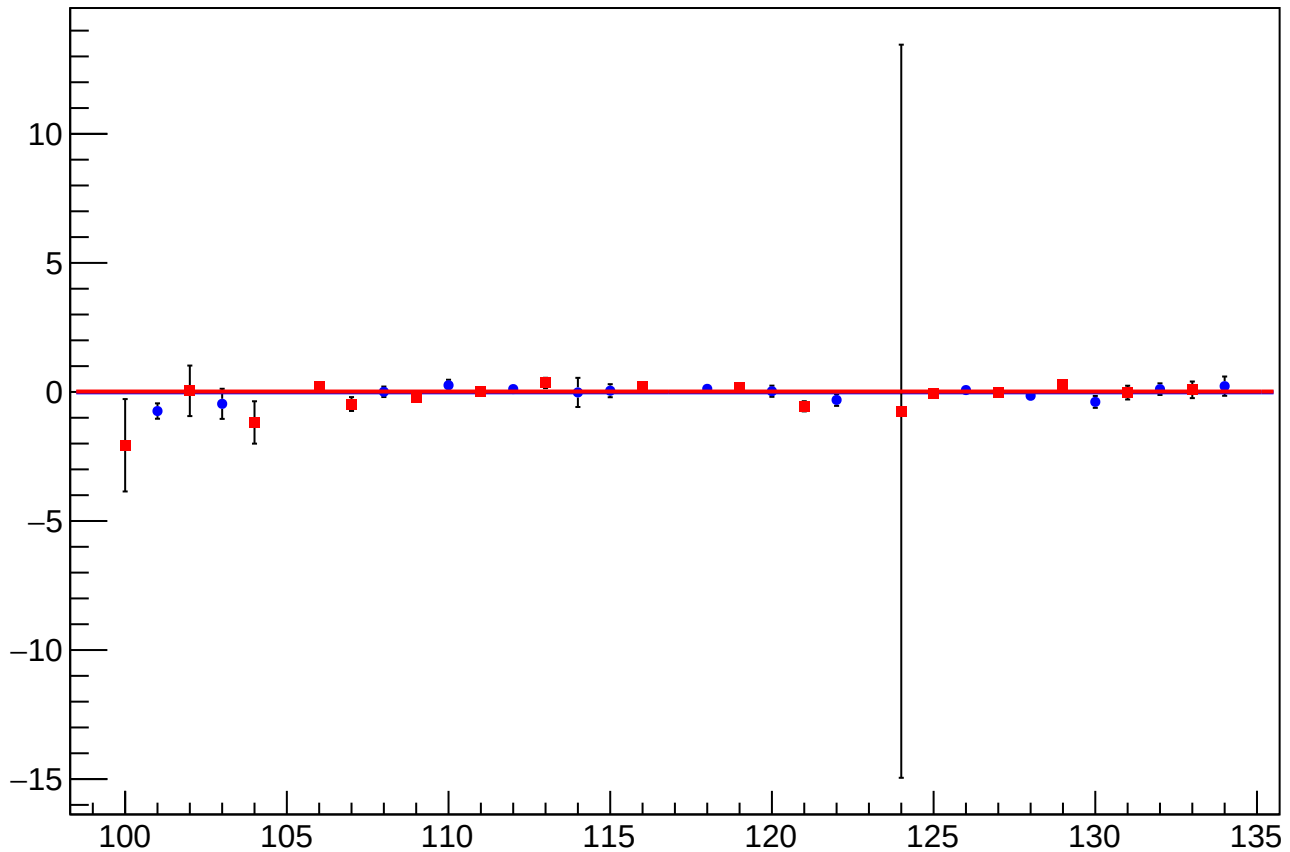
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.602+/-0.027 χ^2/NDF : 3000774.2/31

- 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: 0.016 ± 0.052 χ^2/NDF : 26.5/16

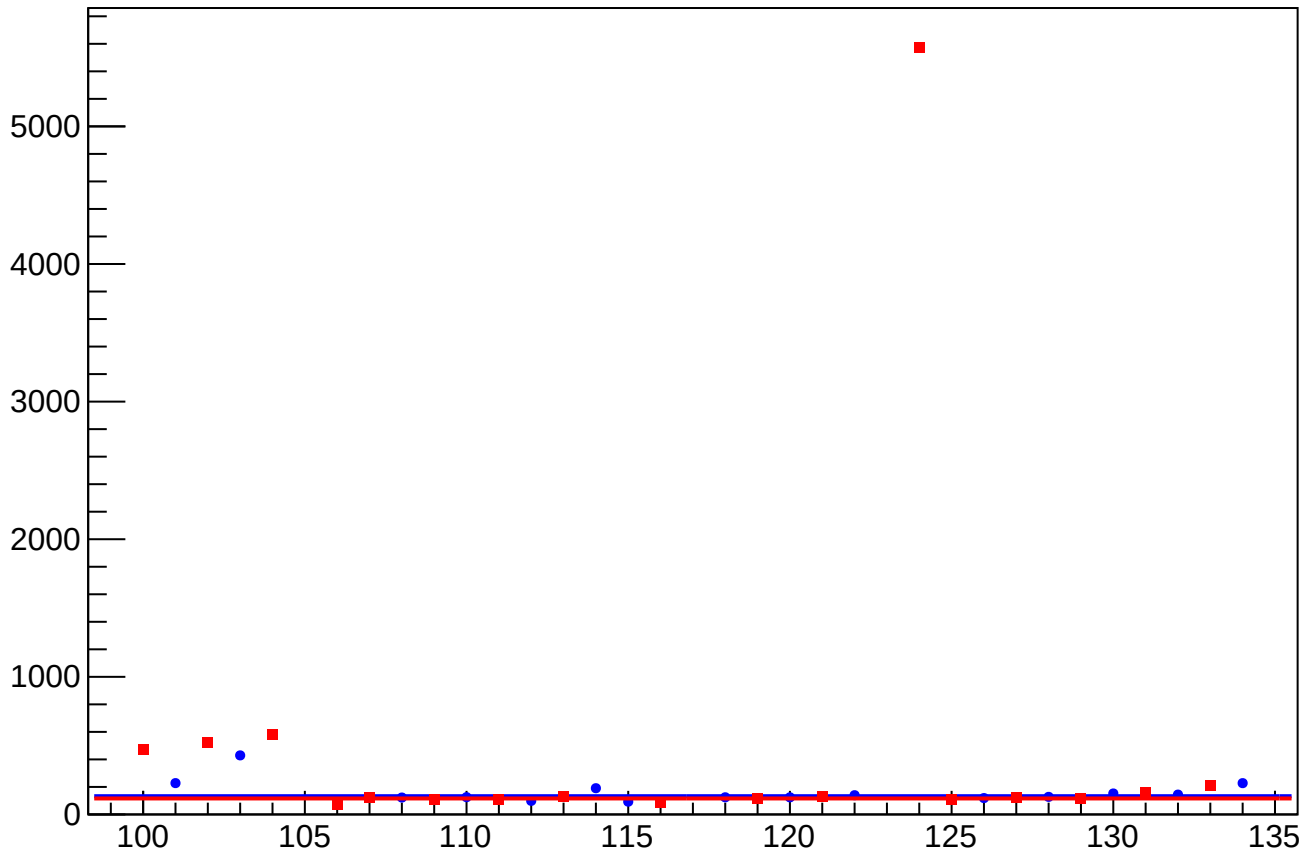
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.039 χ^2/NDF : 42.0/31

- 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: 116.198+/-0.037 χ^2/NDF : 1838167.0/16

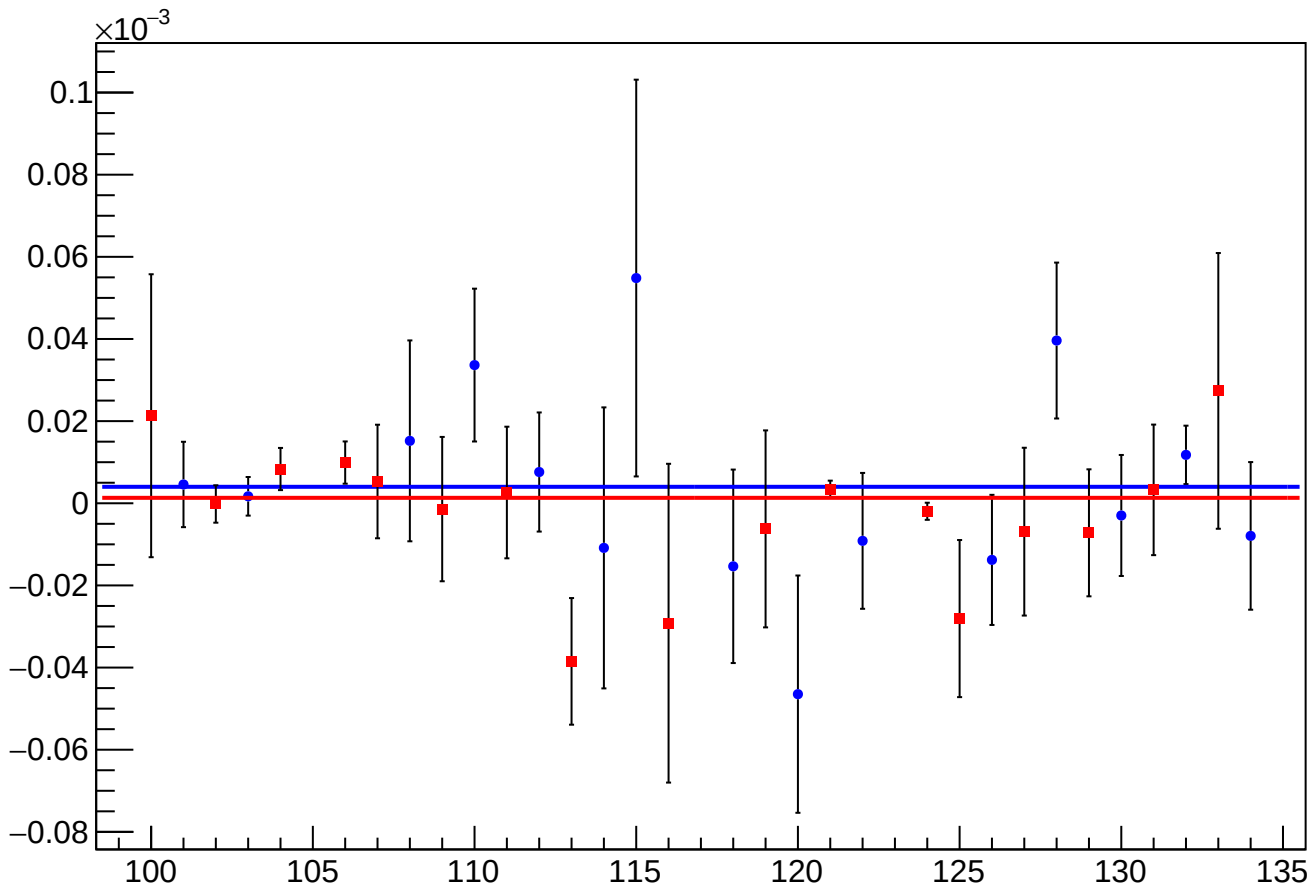
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.602+/-0.027 χ^2/NDF : 3000774.2/31

- 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: 19.6/16

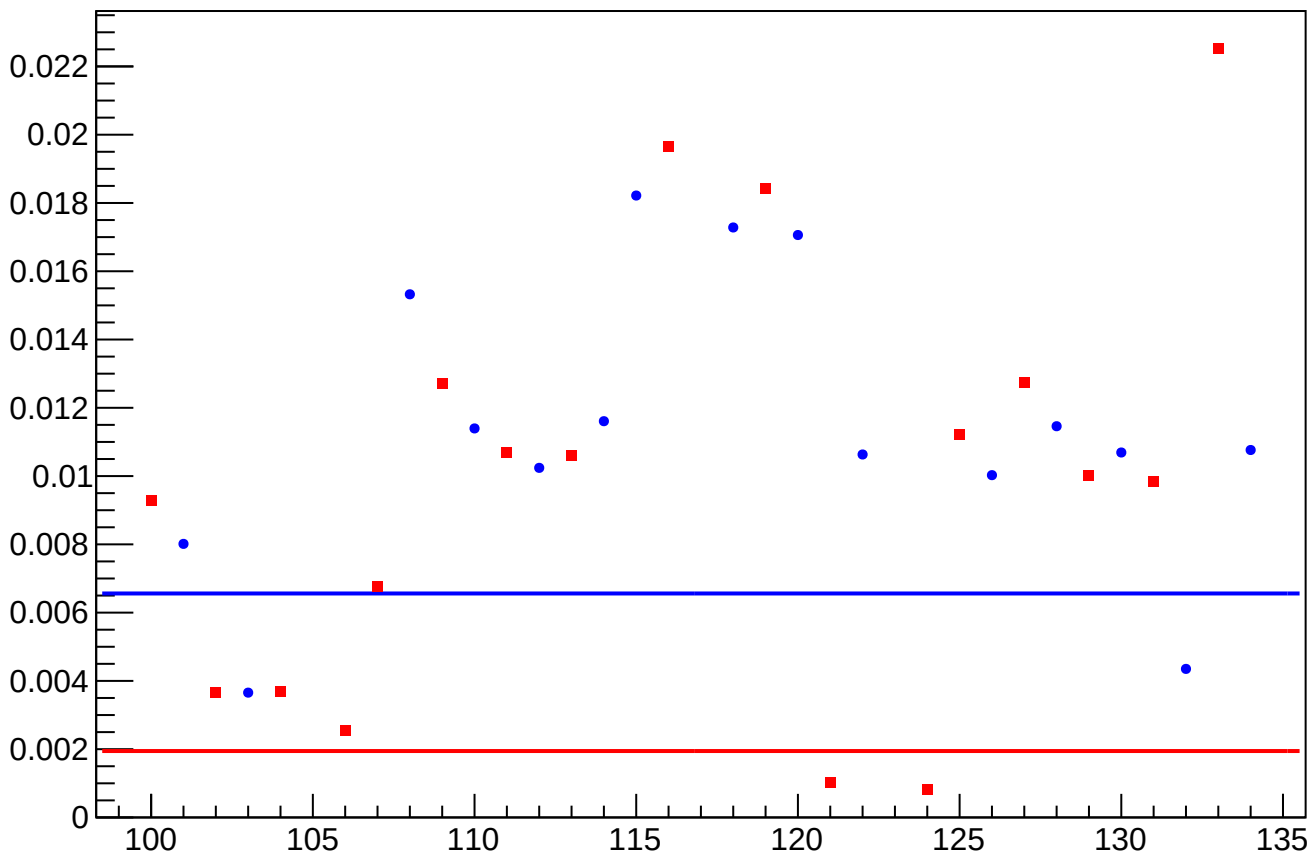
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 35.6/31

- 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 : 8045271.0/16

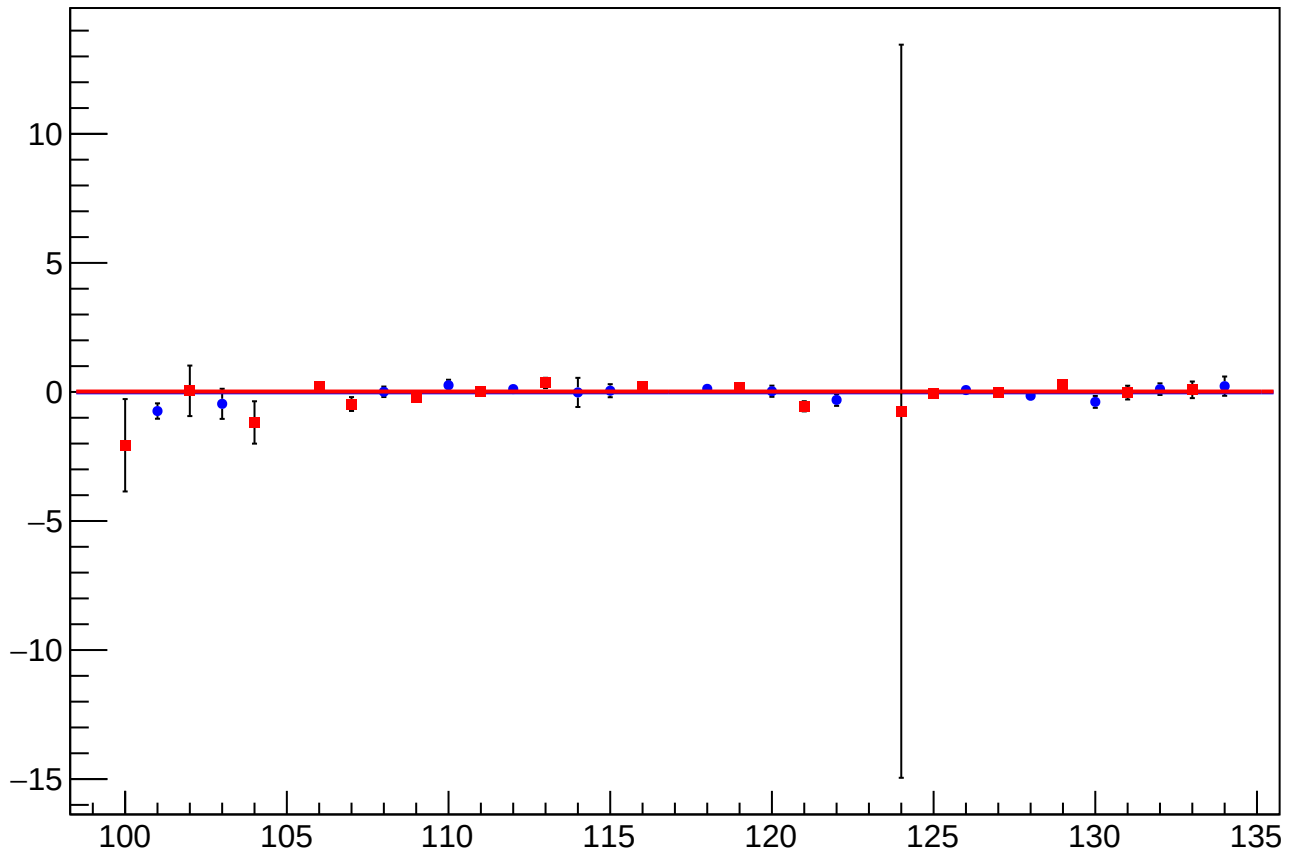
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 14881184.7/31

- 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: 0.016 ± 0.052 χ^2/NDF : 26.5/16

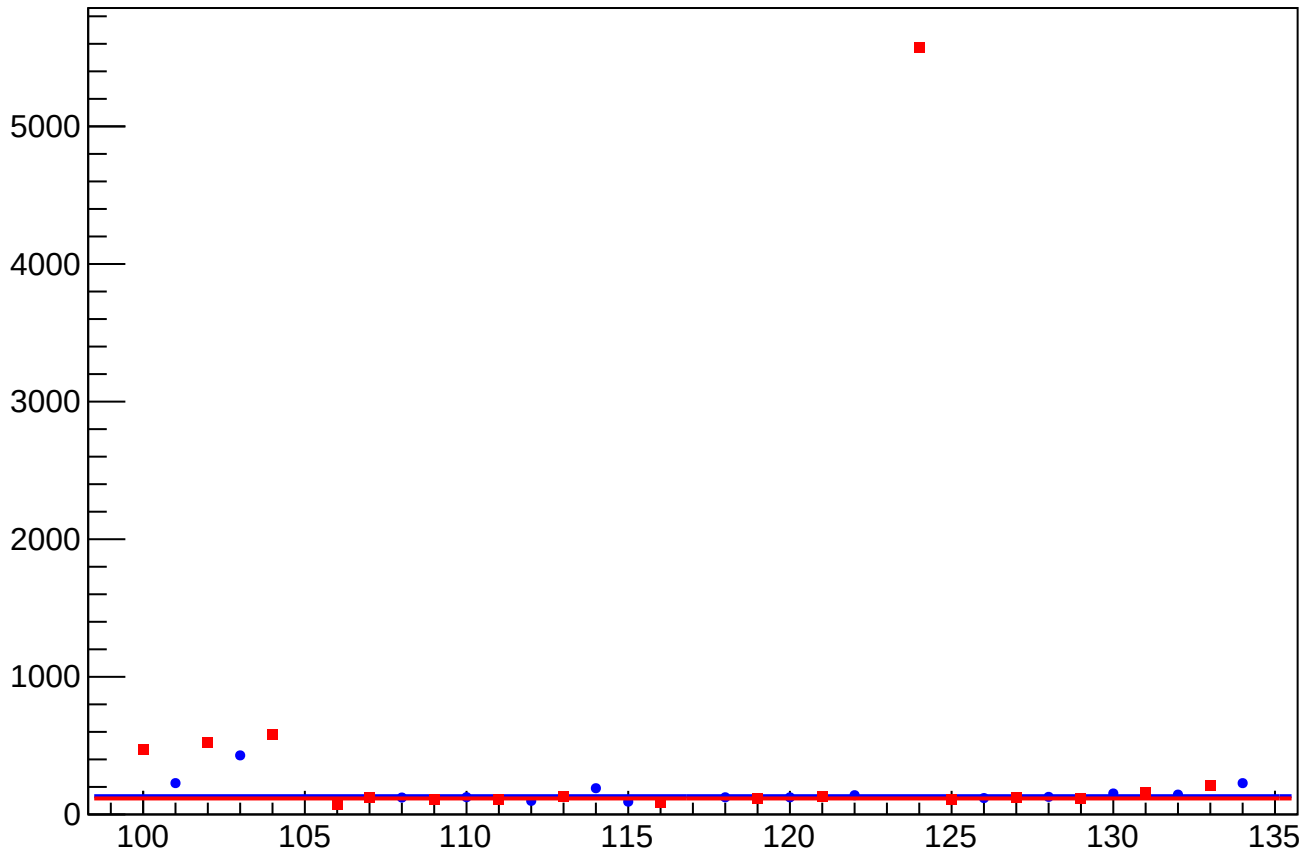
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.039 χ^2/NDF : 42.0/31

- 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 $\pm$ 0.041 χ^2 /NDF: 1071599.1/14

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

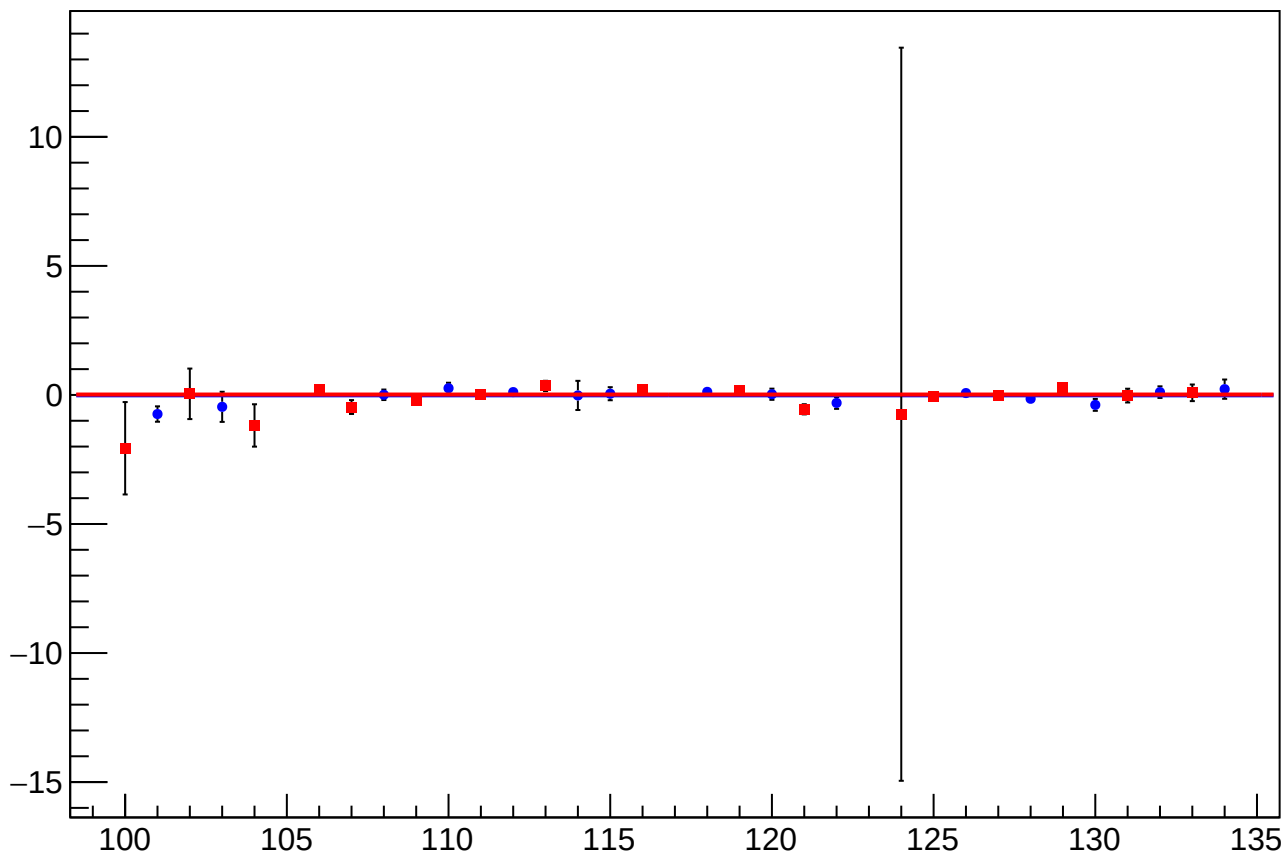
Right Out: 116.199 $\pm$ 0.037 χ^2 /NDF: 1838082.4/16

All: 123.603 $\pm$ 0.027 χ^2 /NDF: 3000632.0/31

- 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_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: 0.016 ± 0.052 χ^2/NDF : 26.5/16

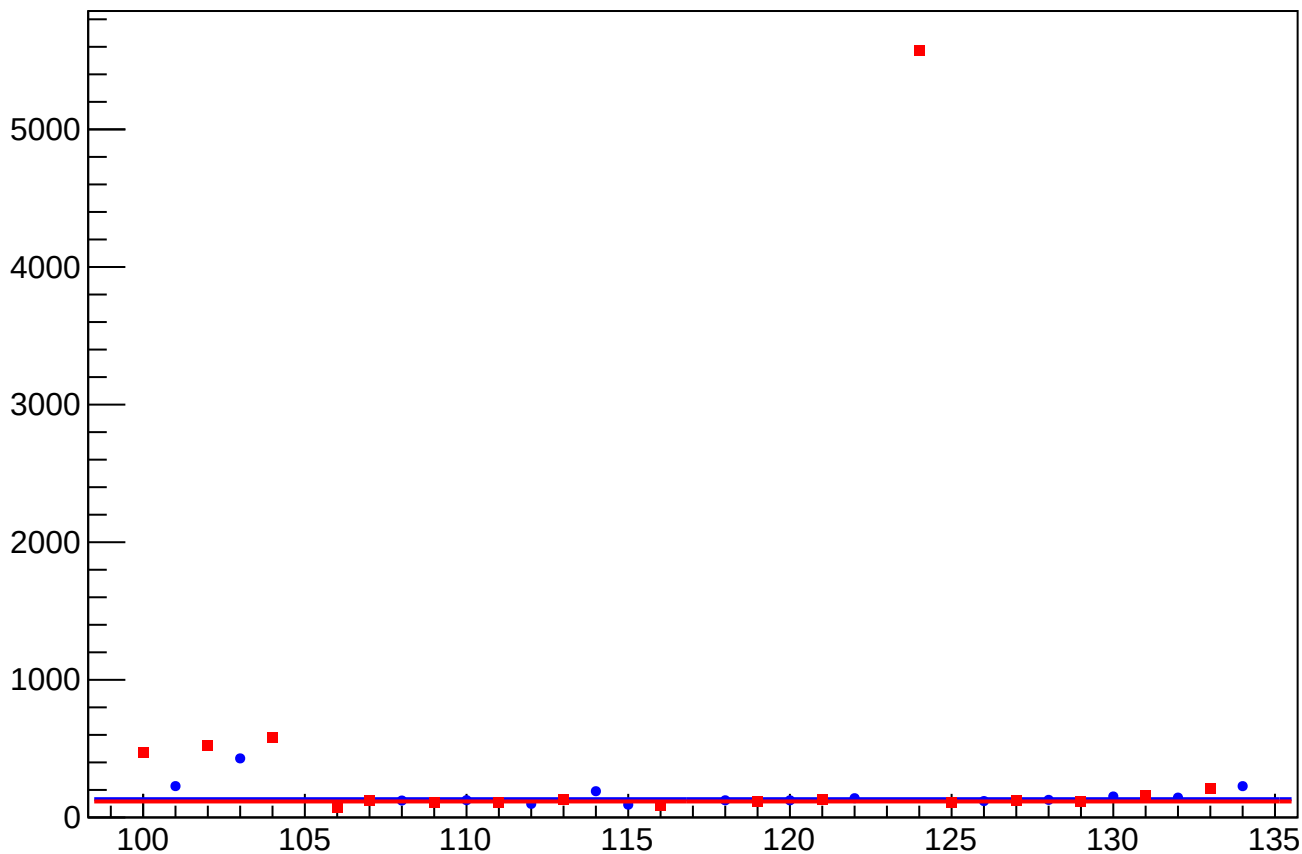
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.039 χ^2/NDF : 42.0/31

- 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: 116.199 $\pm$ 0.037 χ^2 /NDF: 1838082.4/16

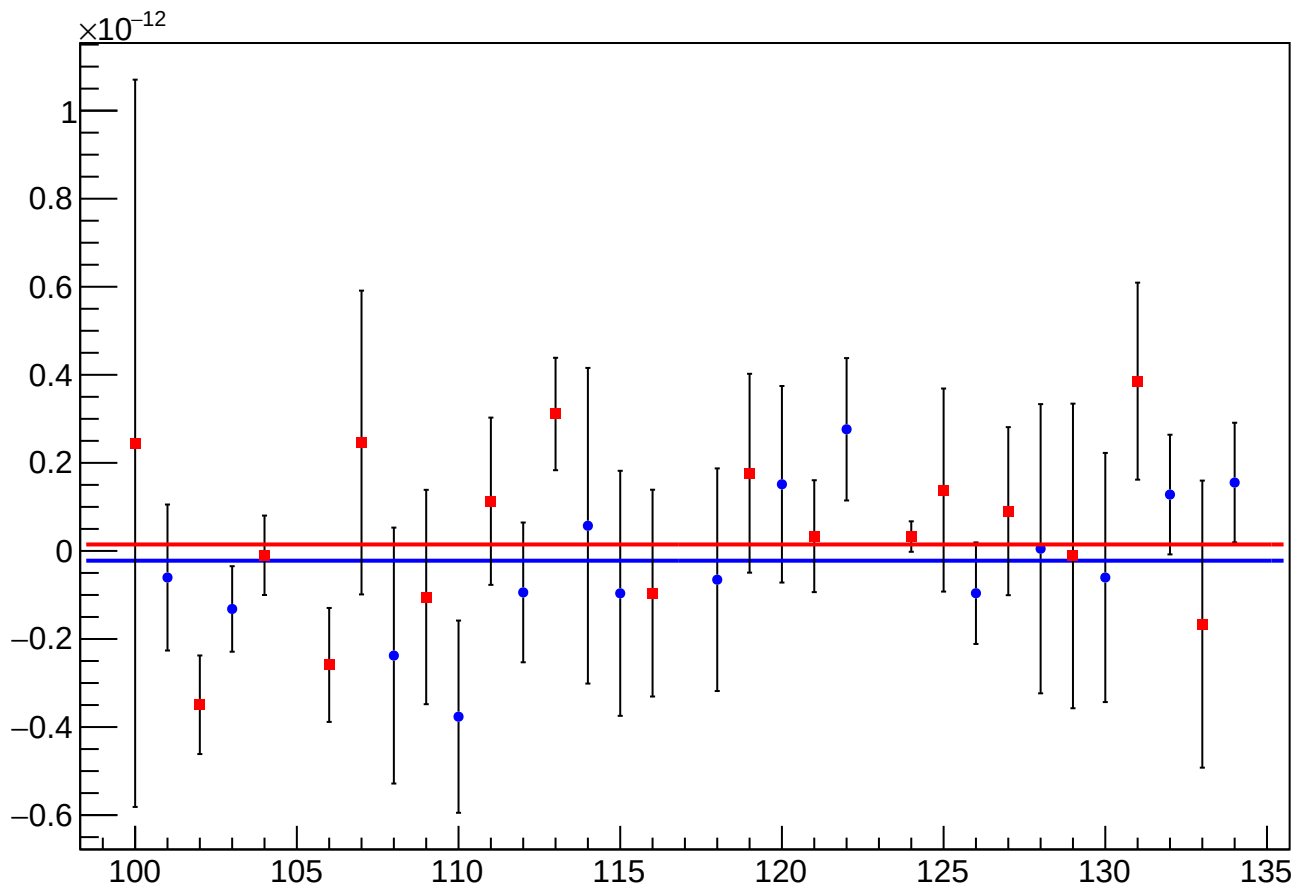
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 123.603 $\pm$ 0.027 χ^2 /NDF: 3000632.0/31

- 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: 26.1/16

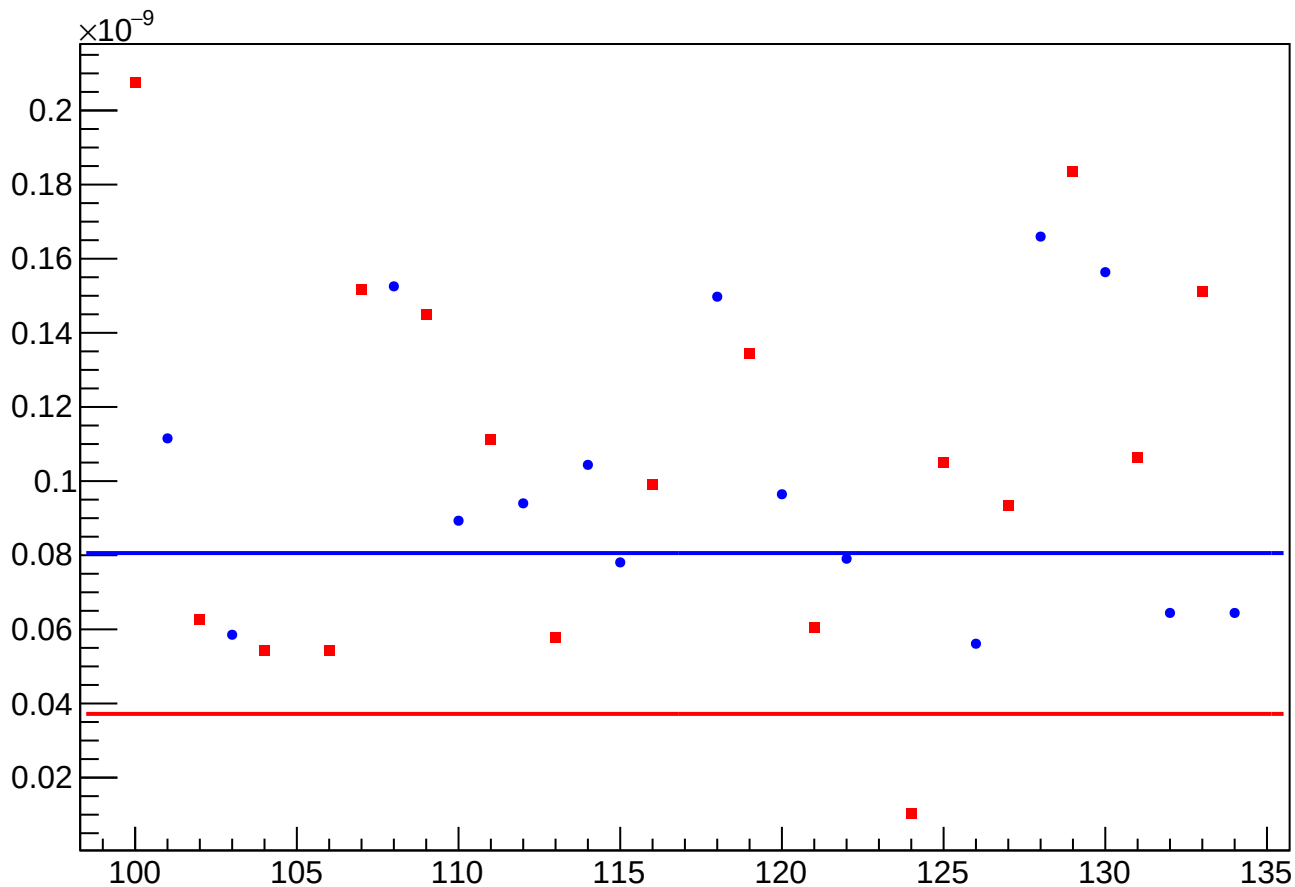
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 38.8/31

- 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 : 4197544.4/16

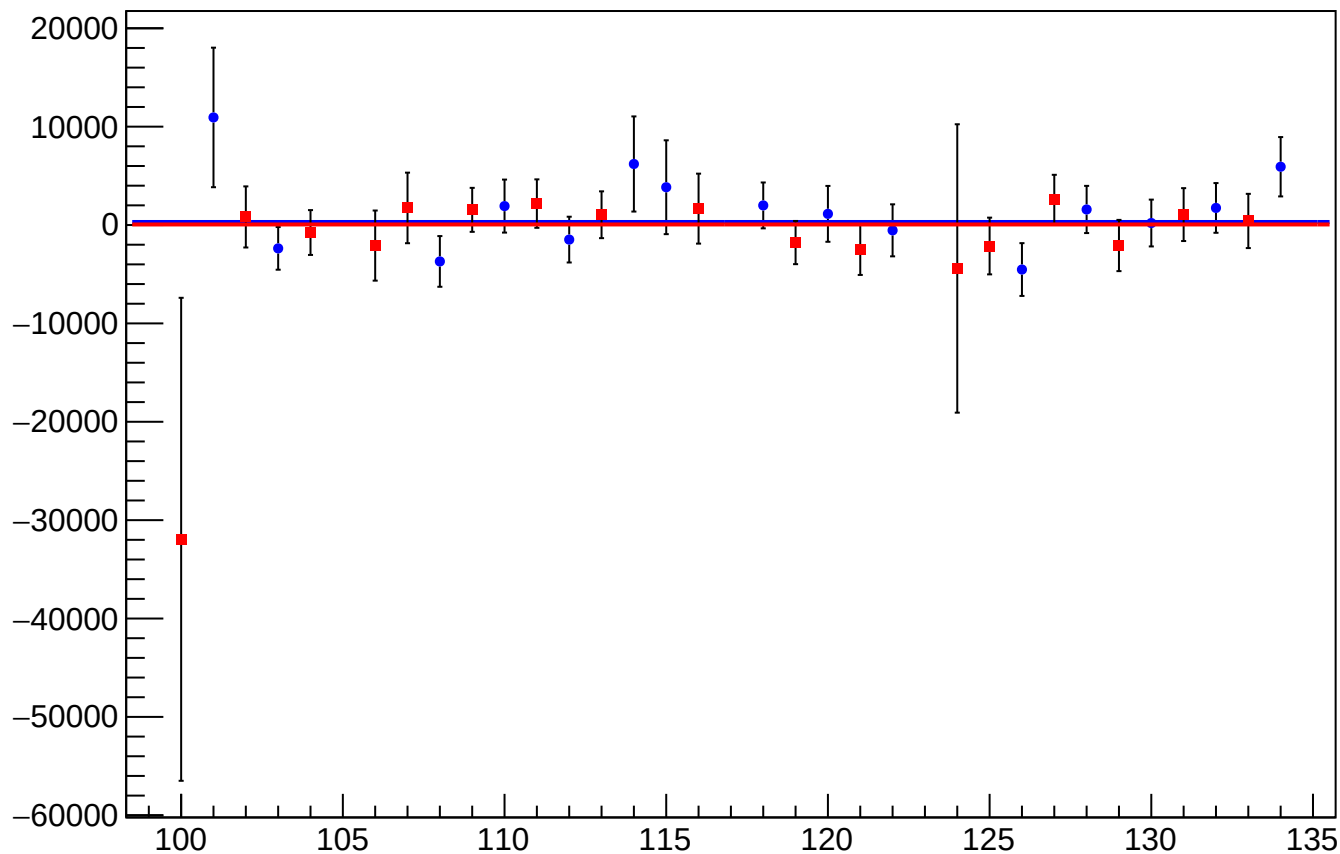
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6521149.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_mean vs Slug



Right In: 308.891 $\pm$ 707.229 χ^2 /NDF: 17.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 58.130 $\pm$ 684.022 χ^2 /NDF: 8.3/16

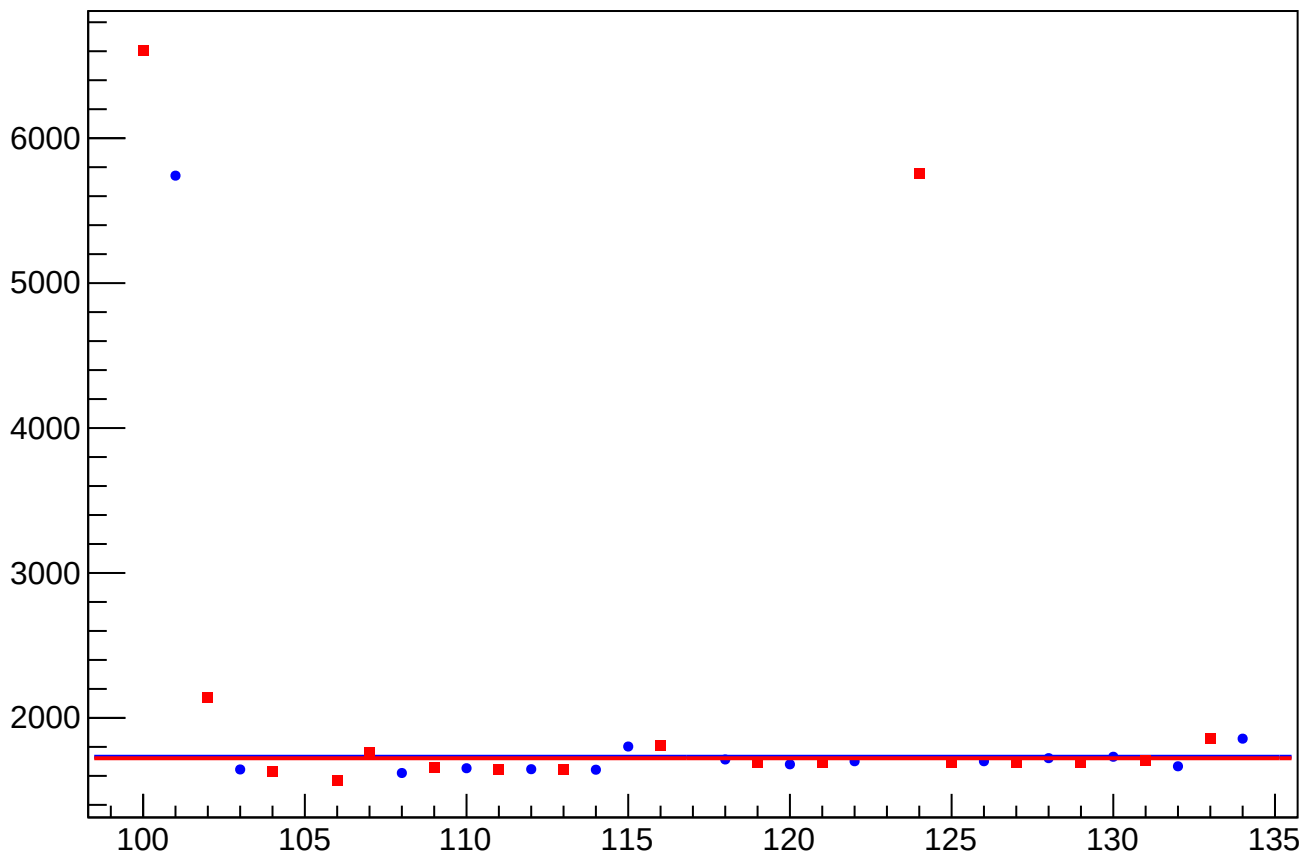
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 179.329 $\pm$ 491.676 χ^2 /NDF: 25.6/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_dd_rms vs Slug



Right In: 1731.912 $\pm$ 0.500 χ^2 /NDF: 657908.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1721.643 $\pm$ 0.480 χ^2 /NDF: 289143.6/16

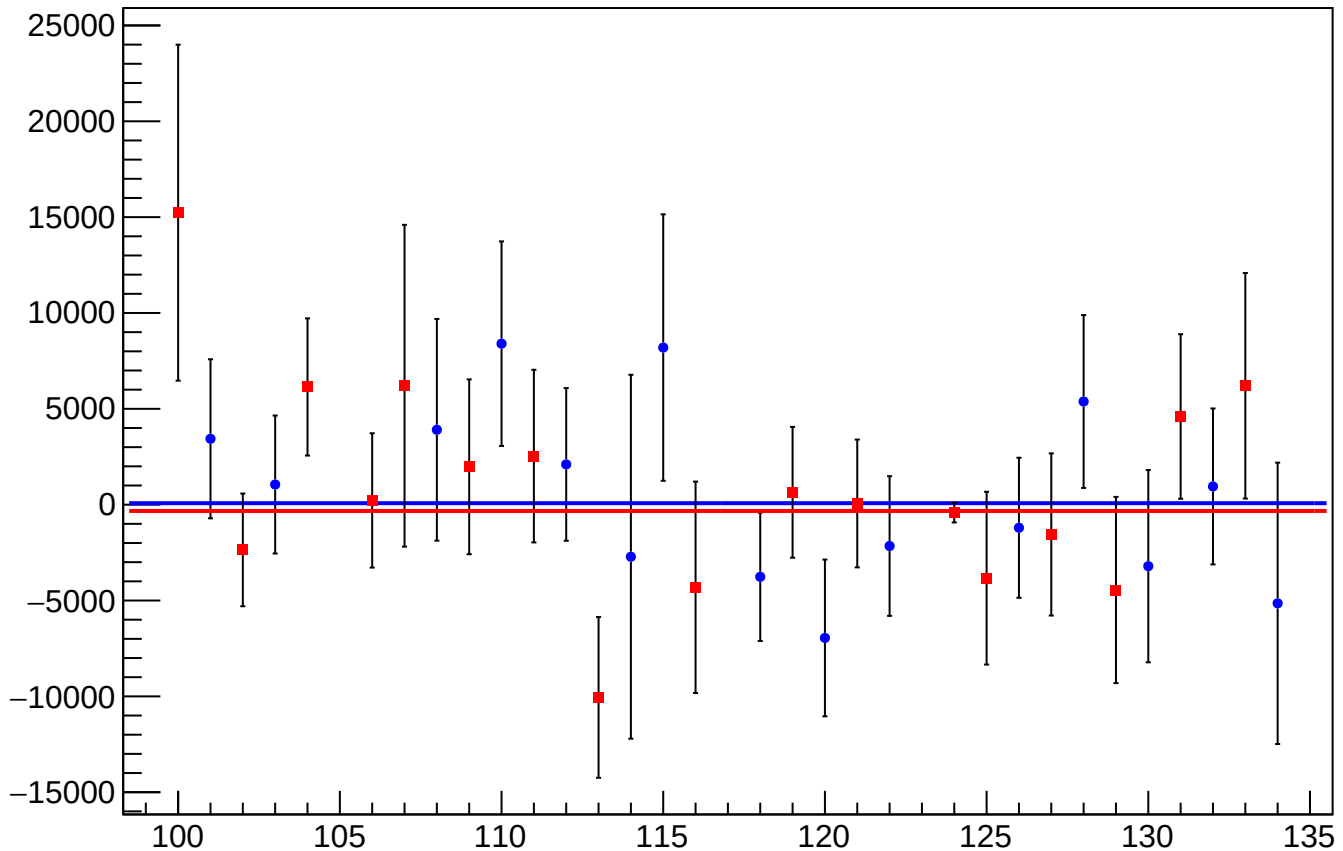
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1726.565 $\pm$ 0.346 χ^2 /NDF: 947271.9/31

- sign 0.000 $\pm$ 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: -327.384+/-460.386 χ^2/NDF : 18.2/16

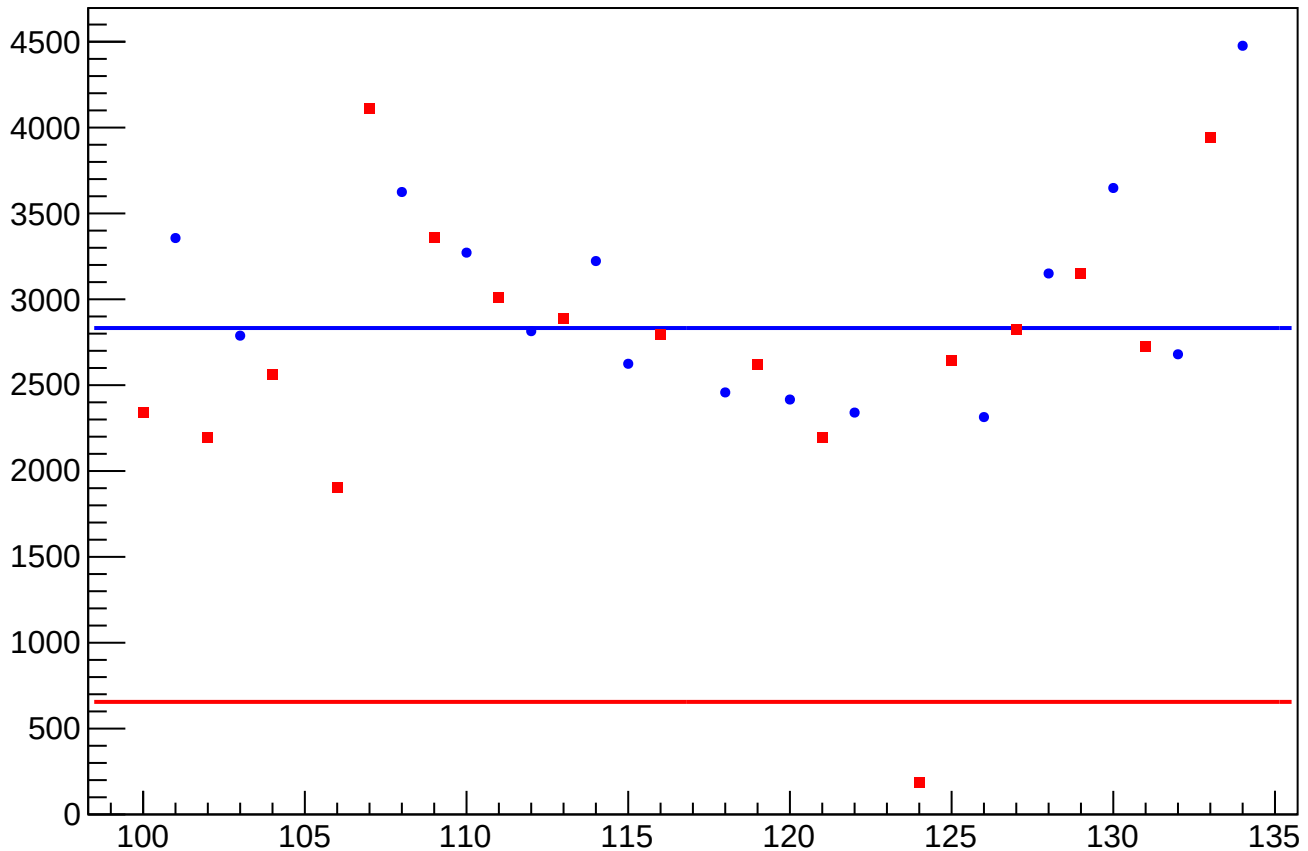
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -271.036+/-427.167 χ^2/NDF : 30.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_reg_correction_rms vs Slug



Right In: 2832.675 $\pm$ 0.810 χ^2 /NDF: 377066.6/14

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

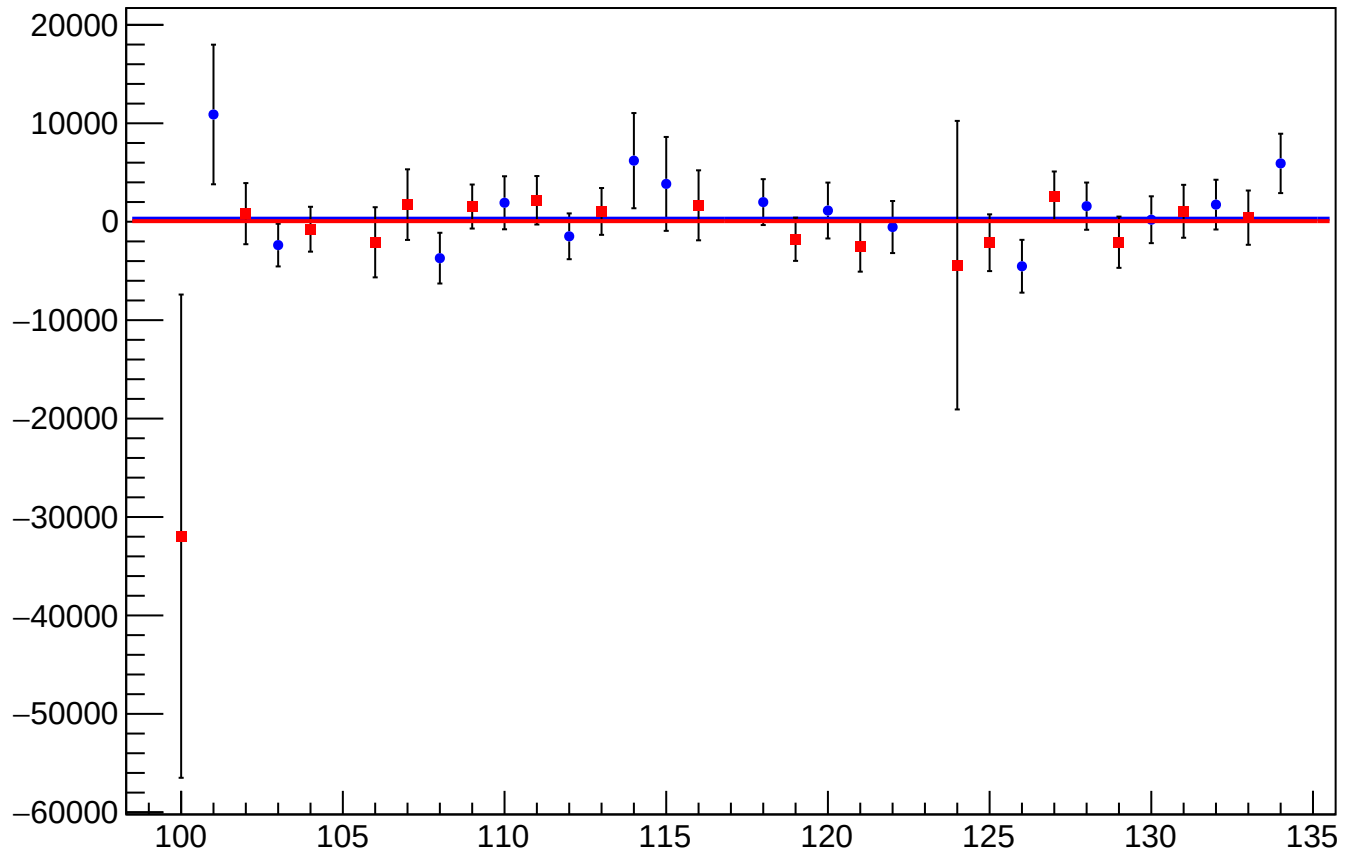
Right Out: 655.521 $\pm$ 0.326 χ^2 /NDF: 9187795.7/16

All: 958.367 $\pm$ 0.302 χ^2 /NDF: 15786388.2/3

- 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

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: 57.981+/-684.022 χ^2/NDF : 8.3/16

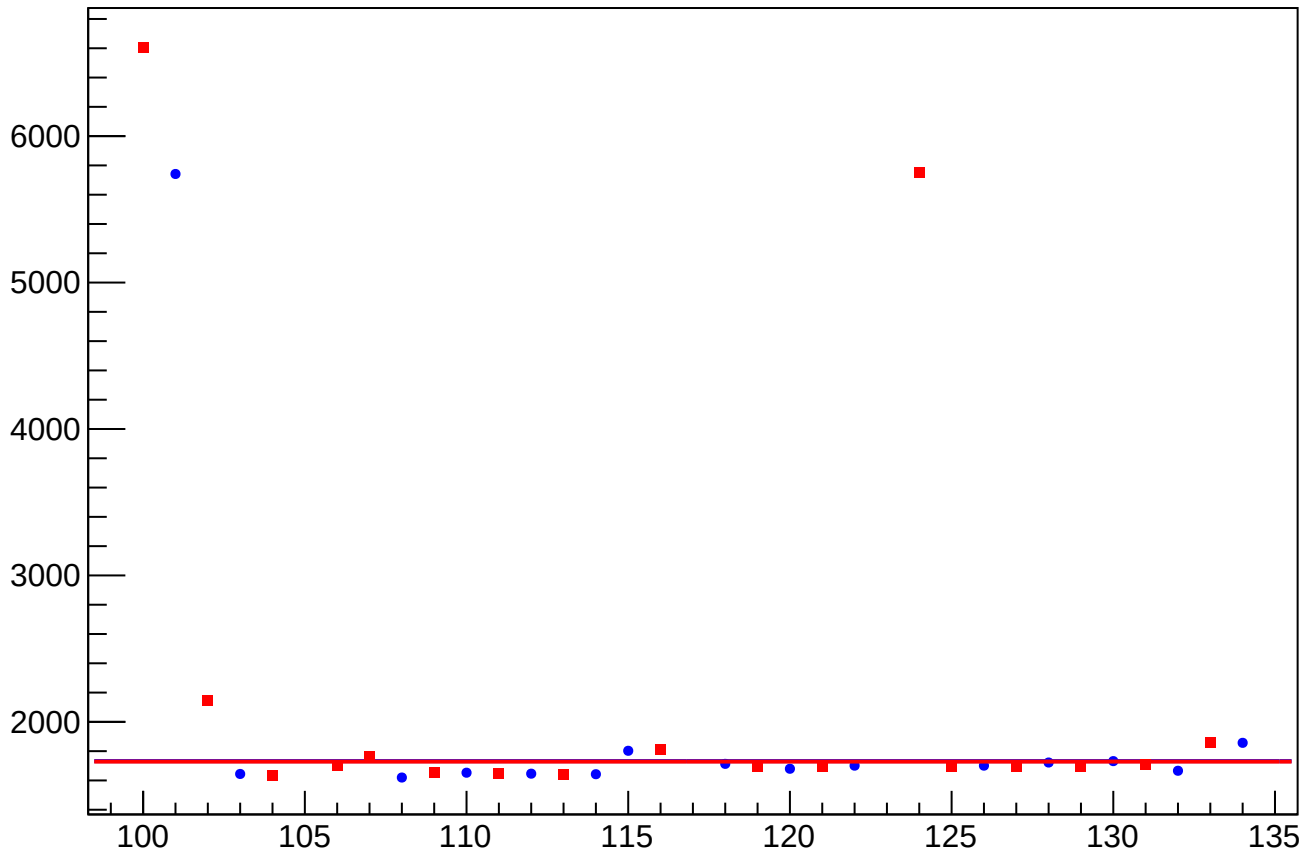
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.981+/-491.677 χ^2/NDF : 25.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1728.800+/-0.482 χ^2/NDF : 283667.9/16

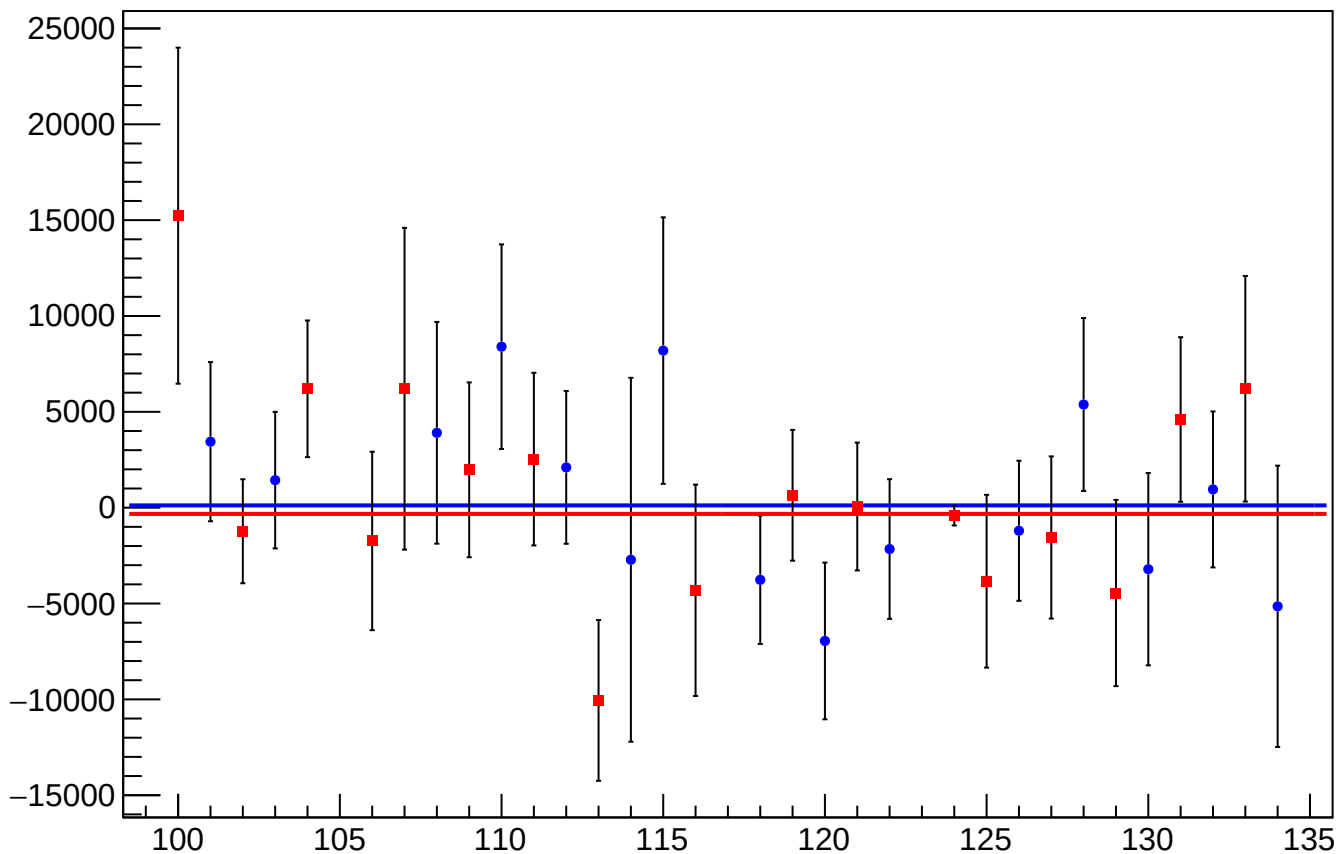
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1730.298+/-0.347 χ^2/NDF : 941596.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_cor_correction_mean vs Slug



Right In: 119.581+/-1144.165 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -324.973+/-461.315 χ^2/NDF : 18.0/16

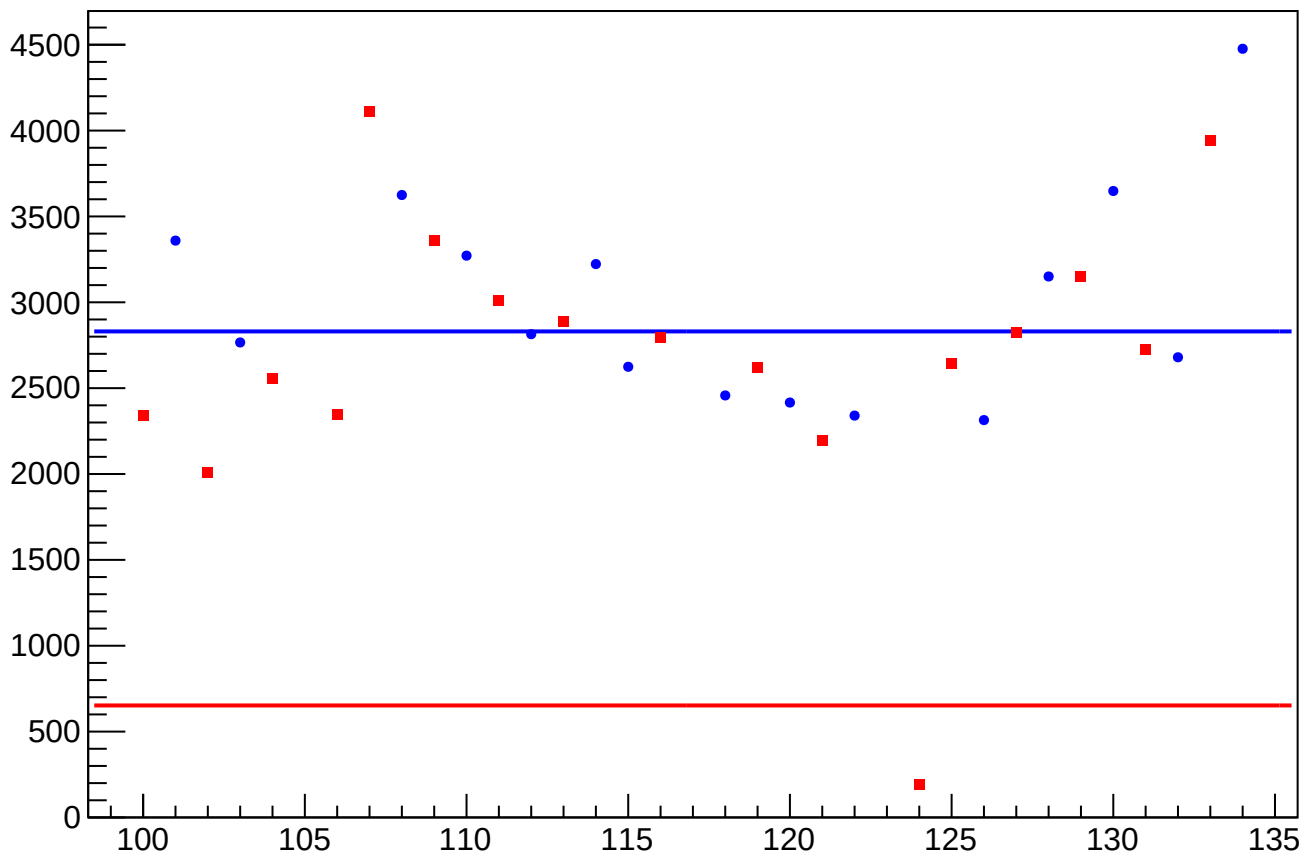
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -262.811+/-427.848 χ^2/NDF : 30.6/31

- 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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

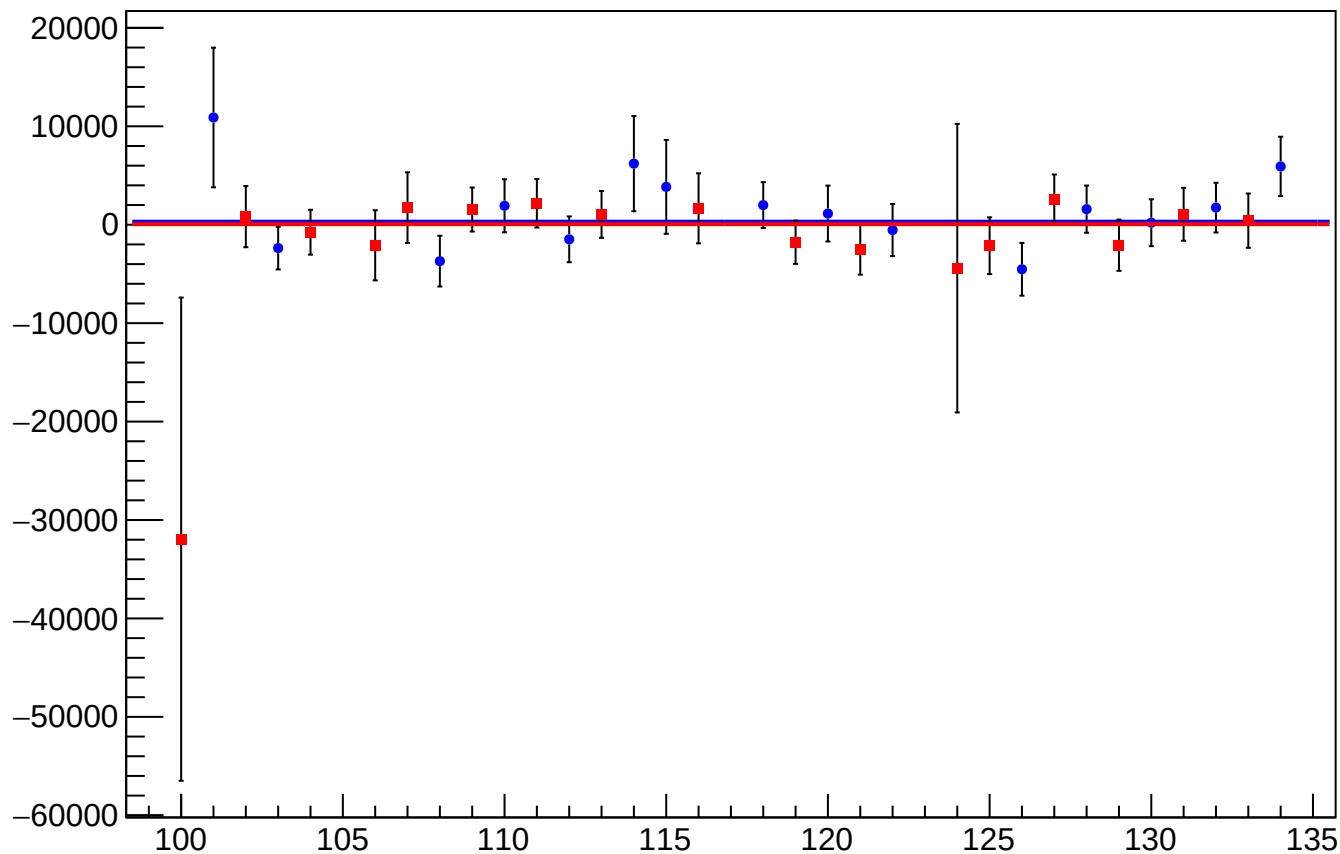
Right Out: 652.293 $\pm$ 0.326 χ^2 /NDF: 9142722.1/16

All: 956.865 $\pm$ 0.303 χ^2 /NDF: 15755090.4/3

- 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

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: 57.981+/-684.022 χ^2/NDF : 8.3/16

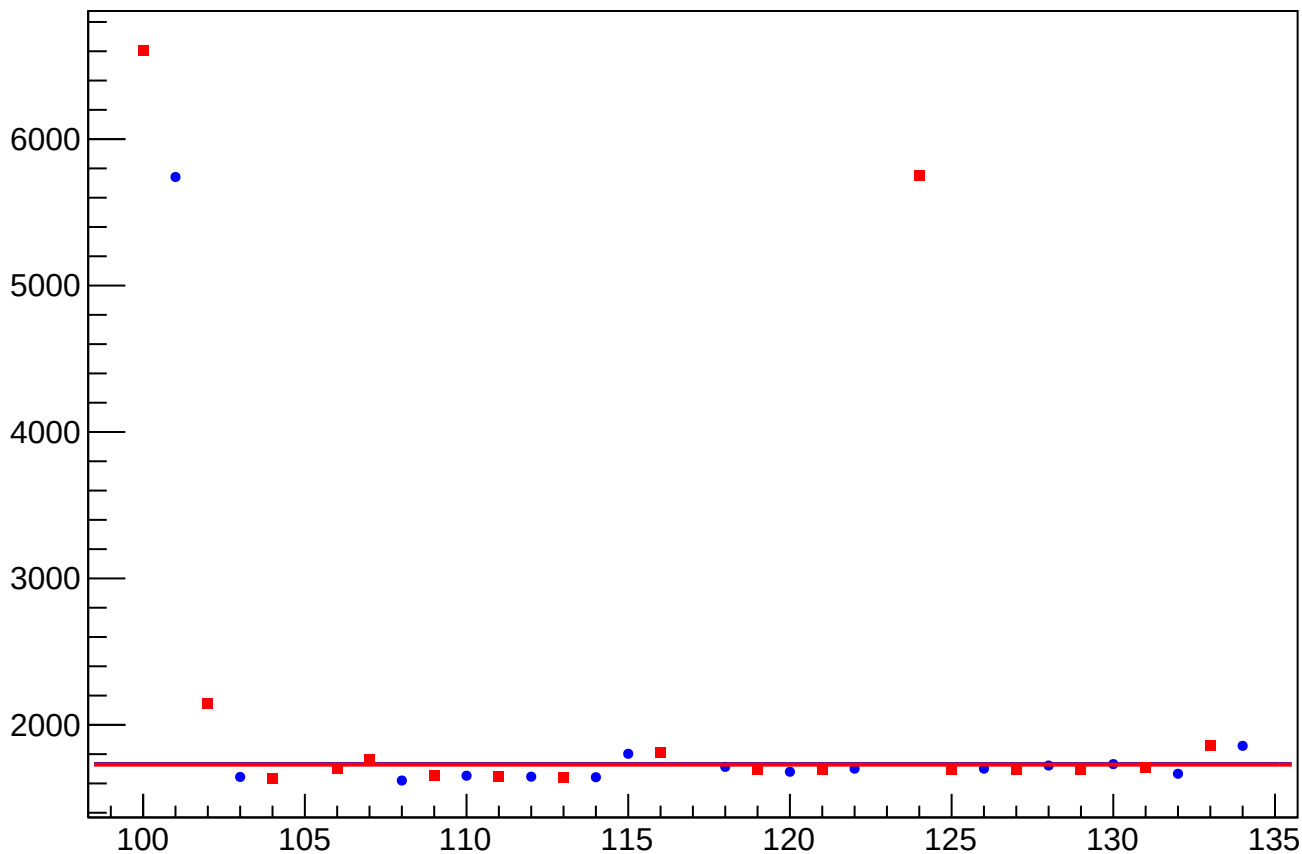
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.981+/-491.677 χ^2/NDF : 25.5/31

- 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: 1728.800+/-0.482 χ^2/NDF : 283667.9/16

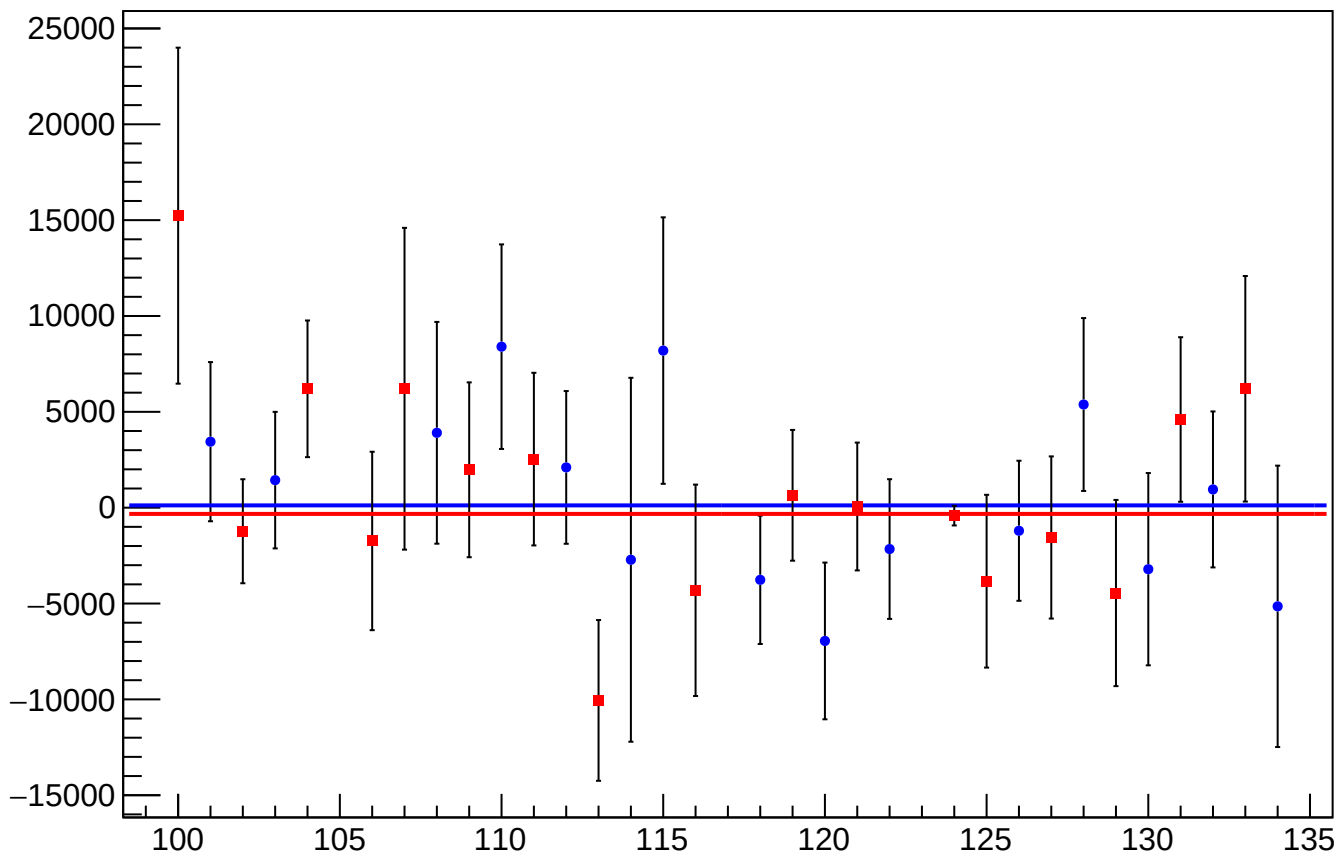
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1730.298+/-0.347 χ^2/NDF : 941596.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_cor_correction_mean vs Slug



Right In: 119.581+/-1144.165 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -324.973+/-461.315 χ^2/NDF : 18.0/16

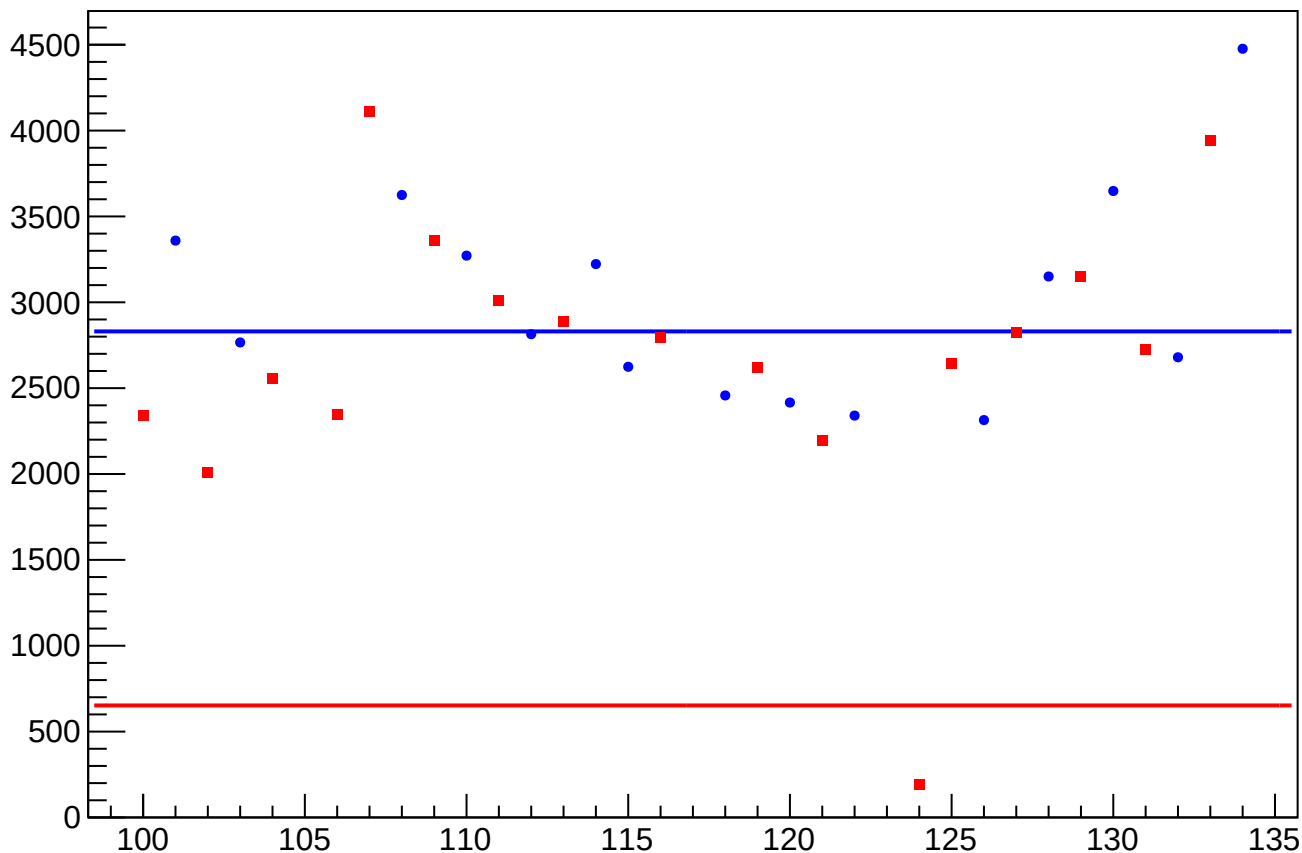
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -262.811+/-427.848 χ^2/NDF : 30.6/31

- sign 0.000+/-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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

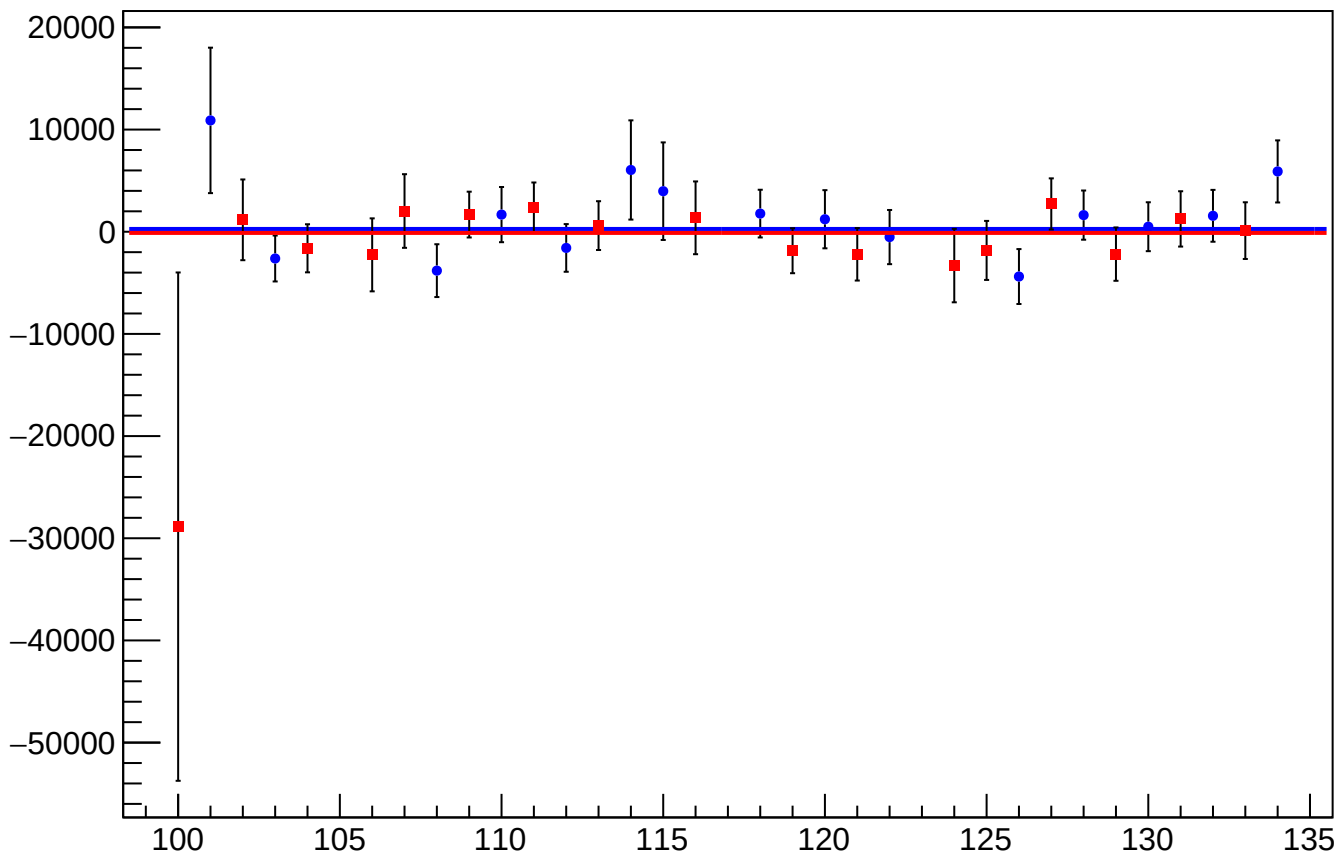
Right Out: 652.293 $\pm$ 0.326 χ^2 /NDF: 9142722.1/16

All: 956.865 $\pm$ 0.303 χ^2 /NDF: 15755090.4/3

- 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

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: -115.213+/-682.482 χ^2/NDF : 9.1/16

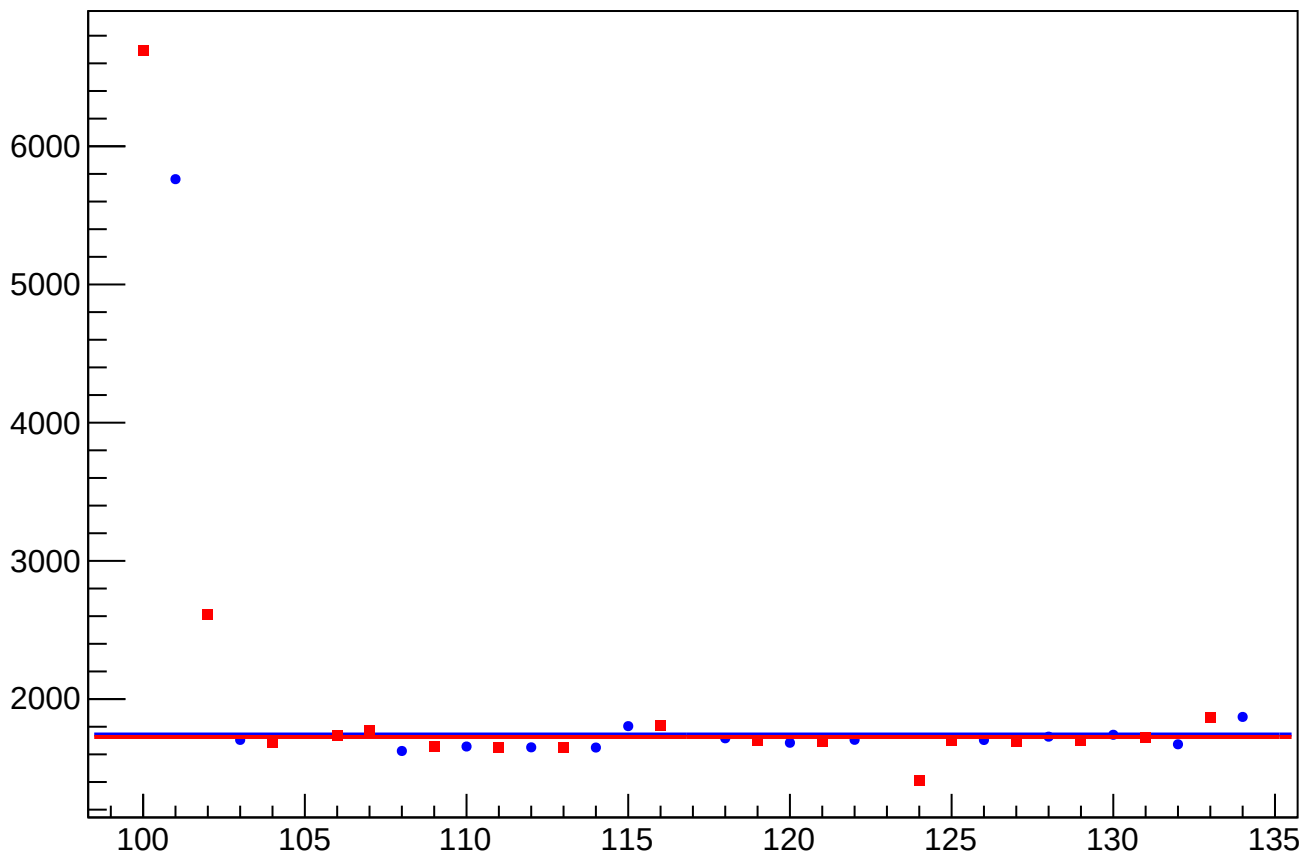
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.047+/-492.679 χ^2/NDF : 26.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr1l2_dd_rms vs Slug



Right In: 1743.686 $\pm$ 0.503 χ^2 /NDF: 655609.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1725.883 $\pm$ 0.481 χ^2 /NDF: 210496.2/16

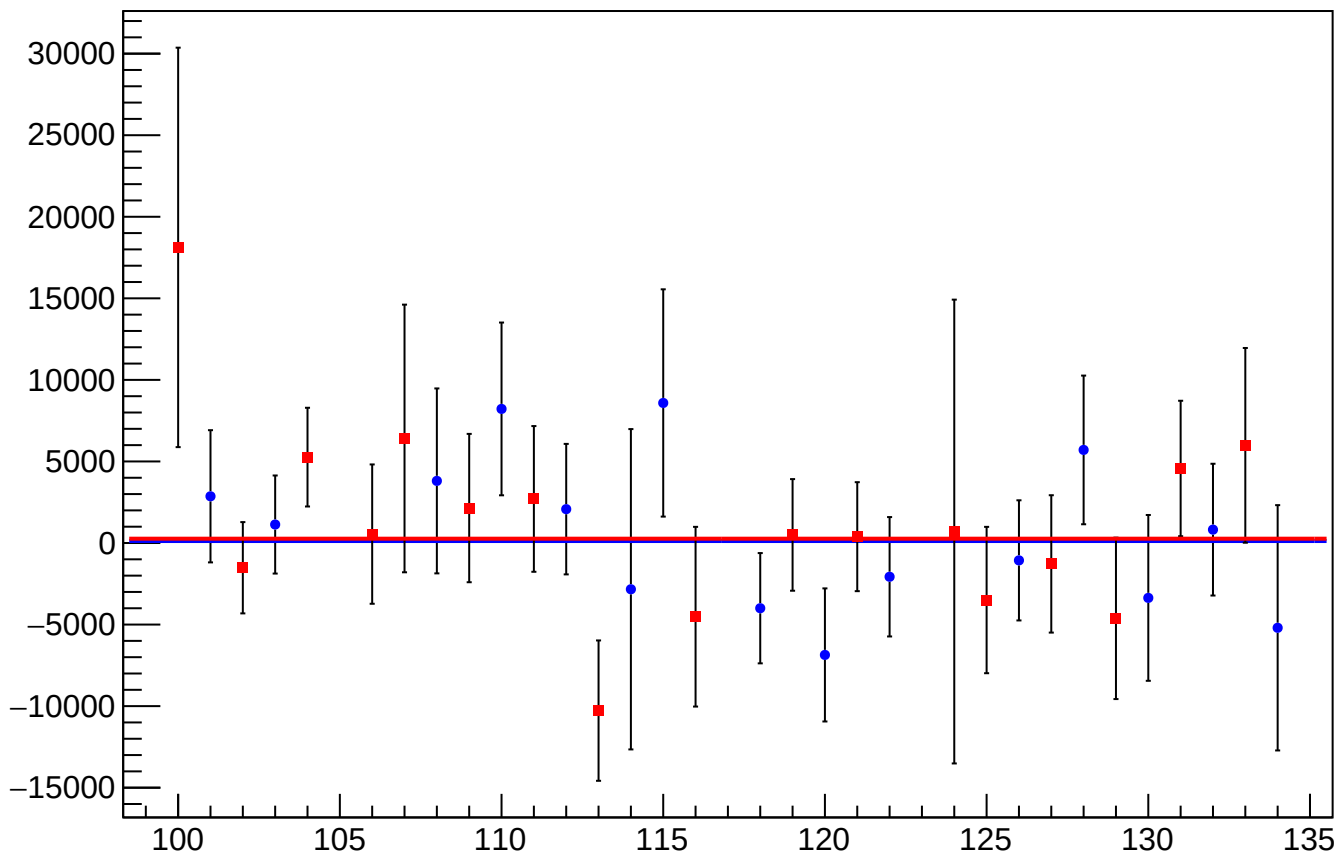
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1734.380 $\pm$ 0.348 χ^2 /NDF: 866758.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_dit_correction_mean vs Slug



Right In: 121.306 $\pm$ 1122.517 χ^2 /NDF: 12.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 264.785 $\pm$ 1047.283 χ^2 /NDF: 16.9/16

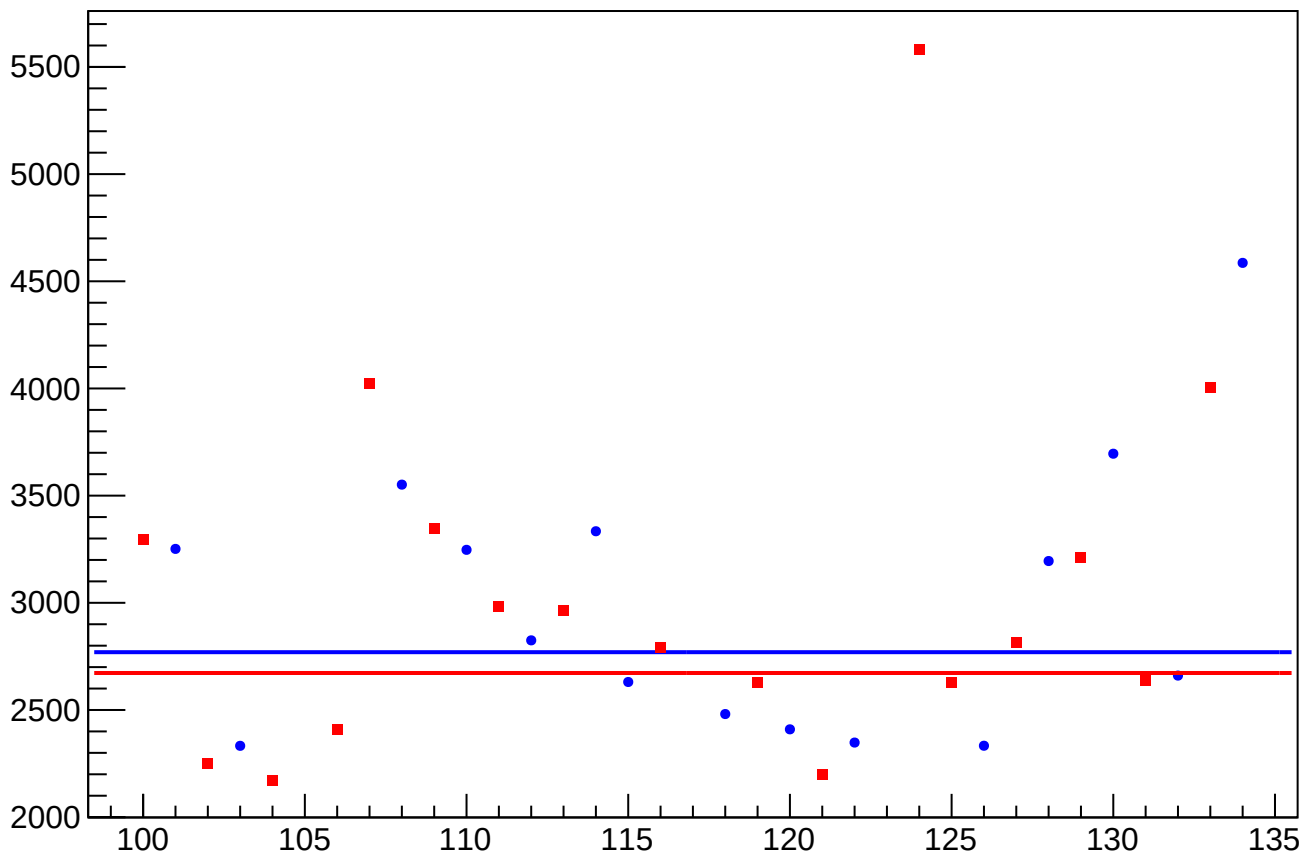
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 198.014 $\pm$ 765.758 χ^2 /NDF: 29.4/31

- sign 0.000 $\pm$ 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: 2672.573+/-0.741 χ^2/NDF : 481327.0/16

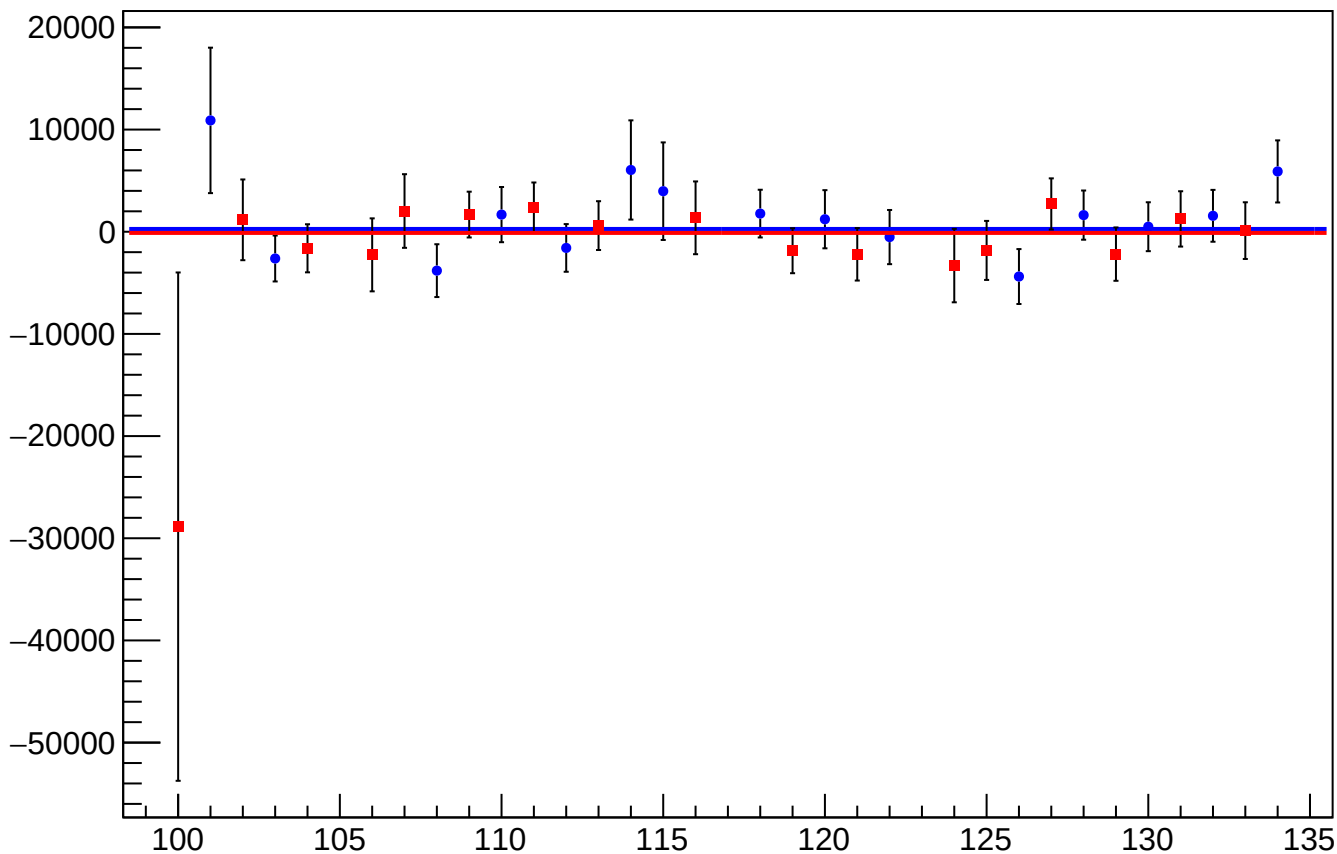
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2717.751+/-0.541 χ^2/NDF : 908621.8/31

- 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: -115.211+/-682.482 χ^2/NDF : 9.1/16

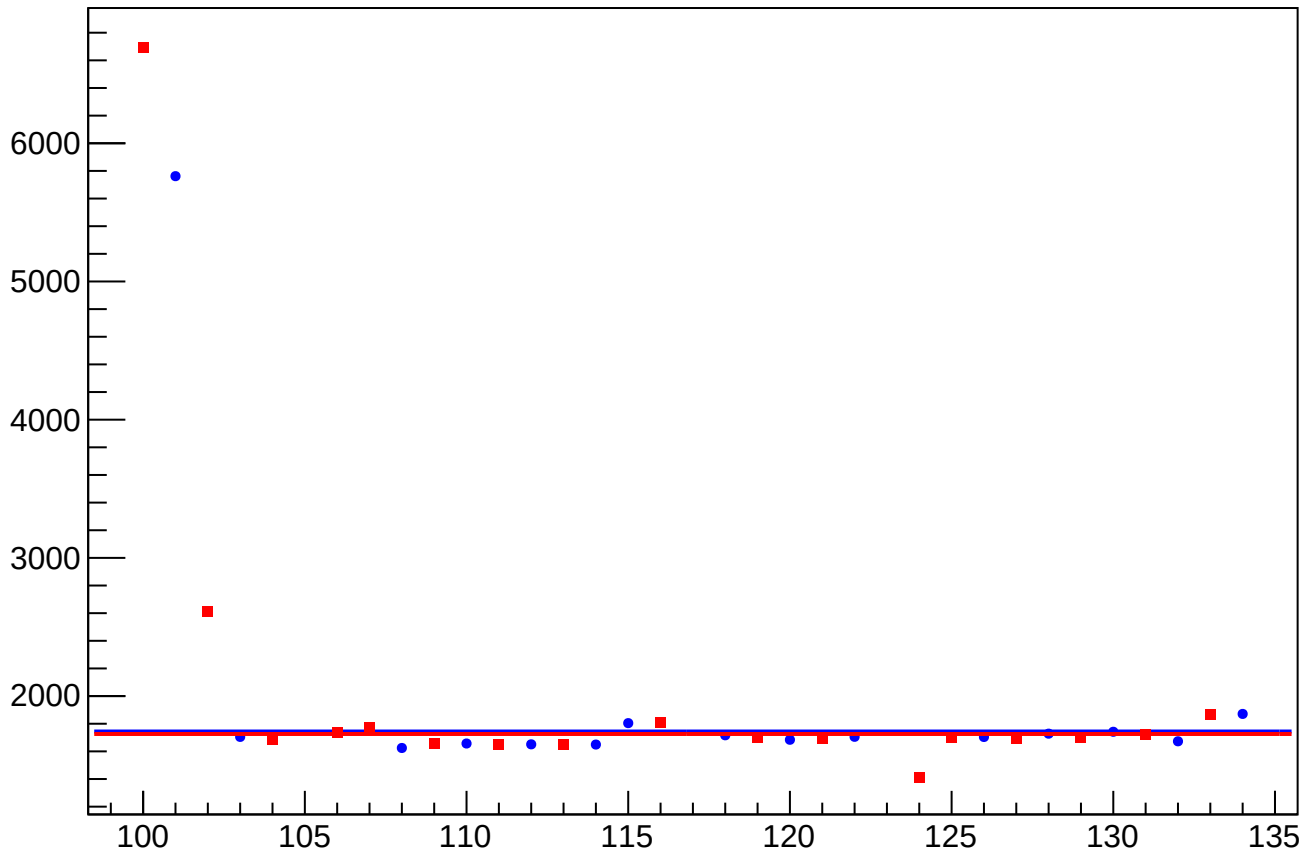
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.046+/-492.679 χ^2/NDF : 26.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr1l2_dd_rms vs Slug



Right In: 1743.686 $\pm$ 0.503 χ^2 /NDF: 655609.0/14

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

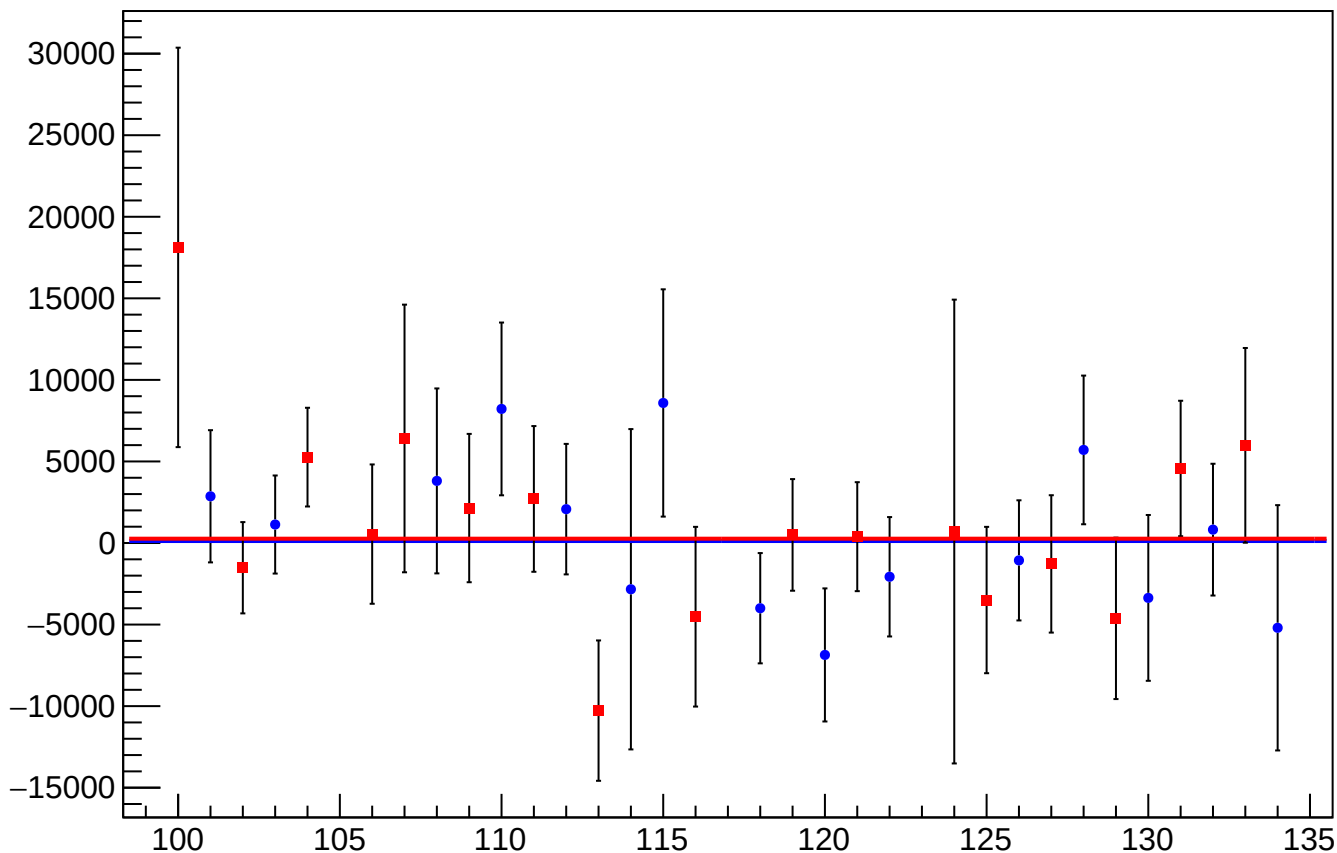
Right Out: 1725.883 $\pm$ 0.481 χ^2 /NDF: 210496.2/16

All: 1734.380 $\pm$ 0.348 χ^2 /NDF: 866758.9/31

Left 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_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: 264.786+/-1047.281 χ^2/NDF : 16.9/16

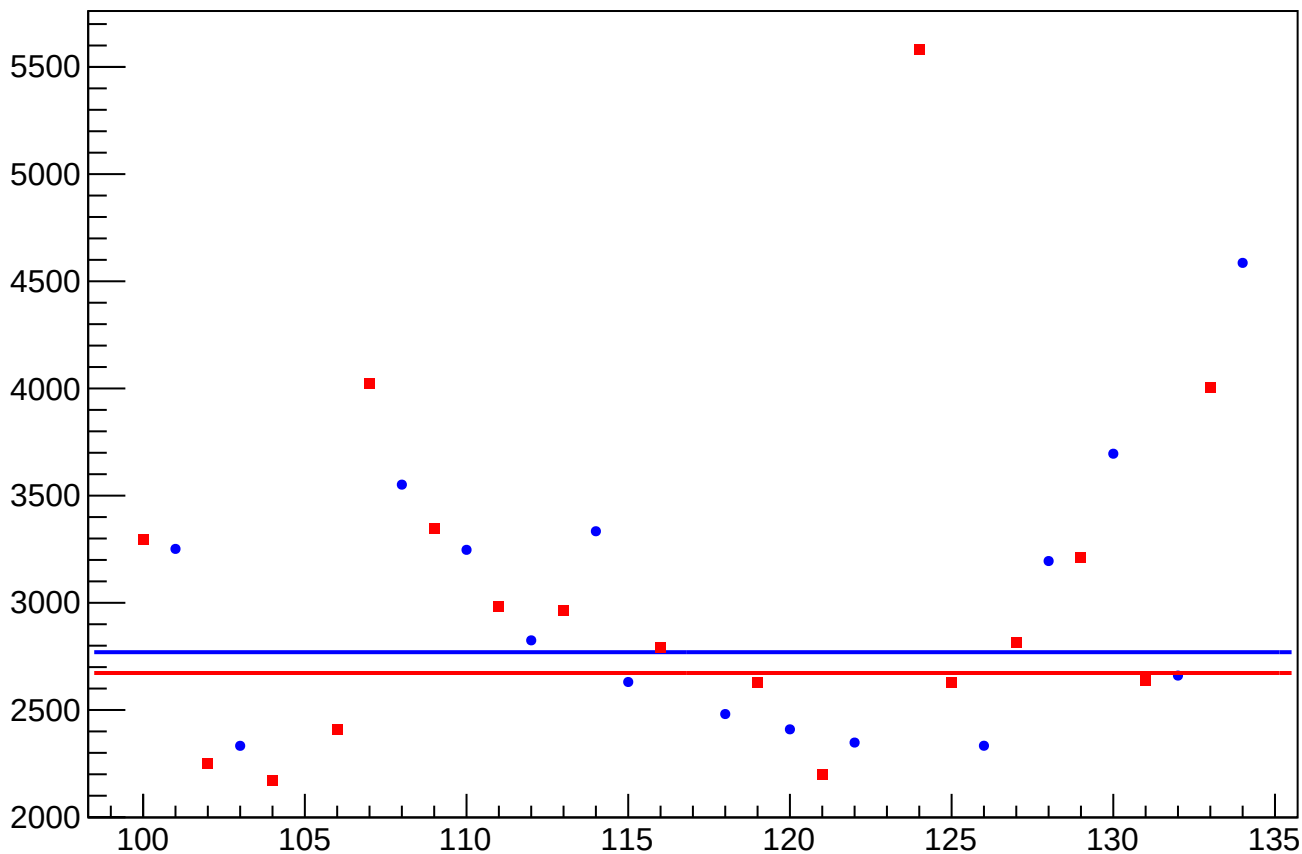
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 198.013+/-765.756 χ^2/NDF : 29.4/31

- 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

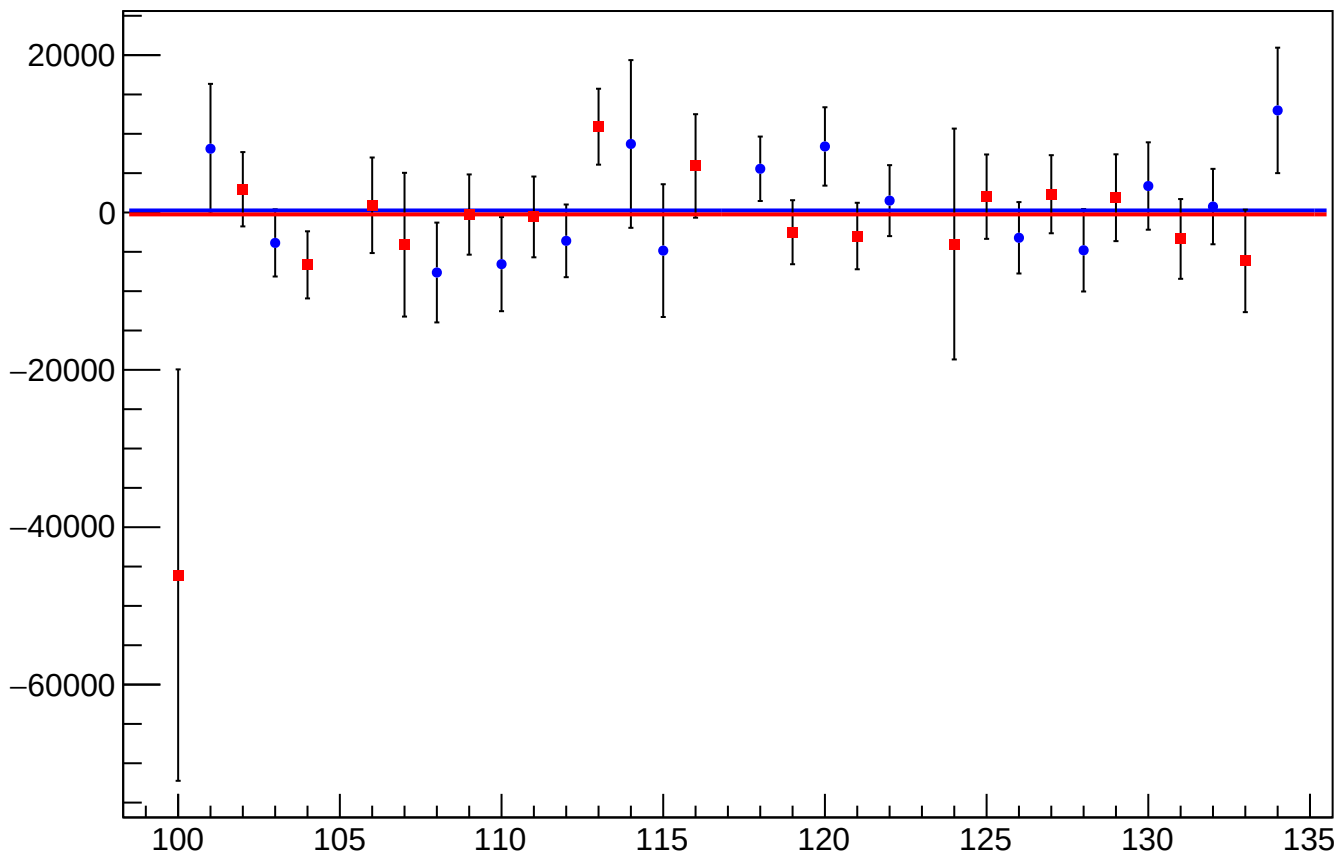
Right Out: 2672.567+/-0.741 χ^2/NDF : 481322.1/16

All: 2717.744+/-0.541 χ^2/NDF : 908617.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_mean vs Slug



Right In: 255.335+/-1389.617 χ^2 /NDF: 15.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -241.907+/-1319.208 χ^2 /NDF: 14.8/16

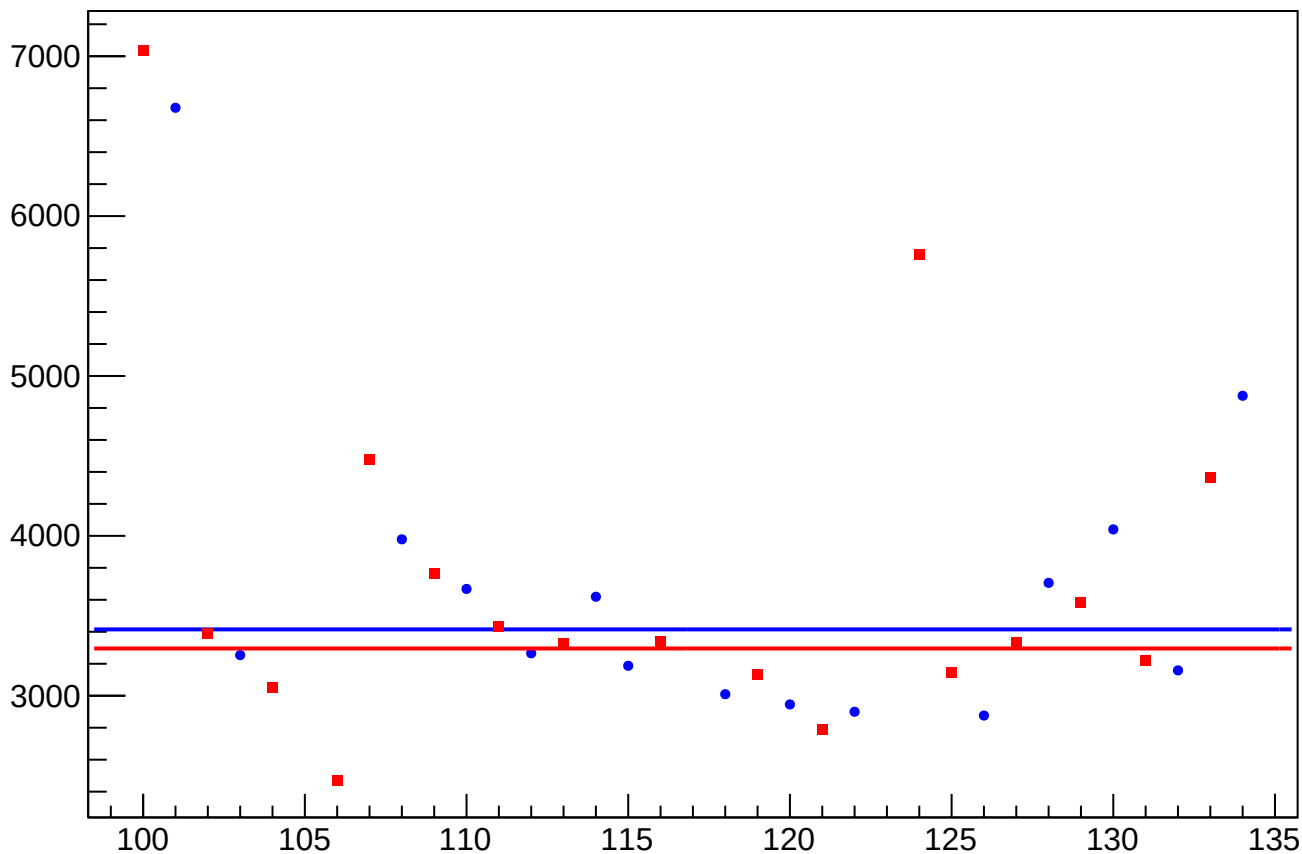
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -6.202+/-956.744 χ^2 /NDF: 30.1/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_rms vs Slug



Right In: 3414.861+/-0.983 χ^2/NDF : 535768.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3295.543+/-0.919 χ^2/NDF : 311191.1/16

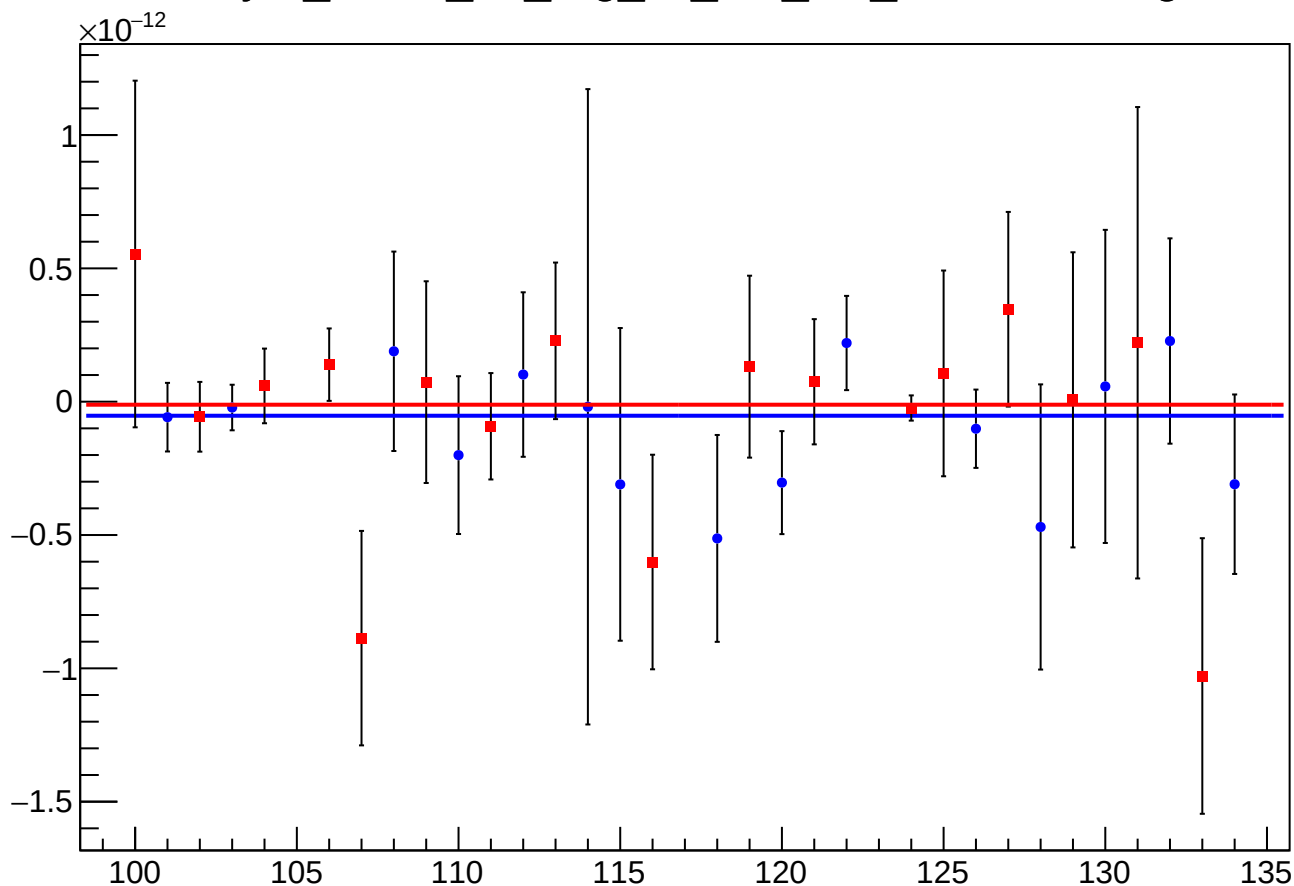
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3351.211+/-0.671 χ^2/NDF : 854825.2/31

- sign 0.000+/-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: 15.5/16

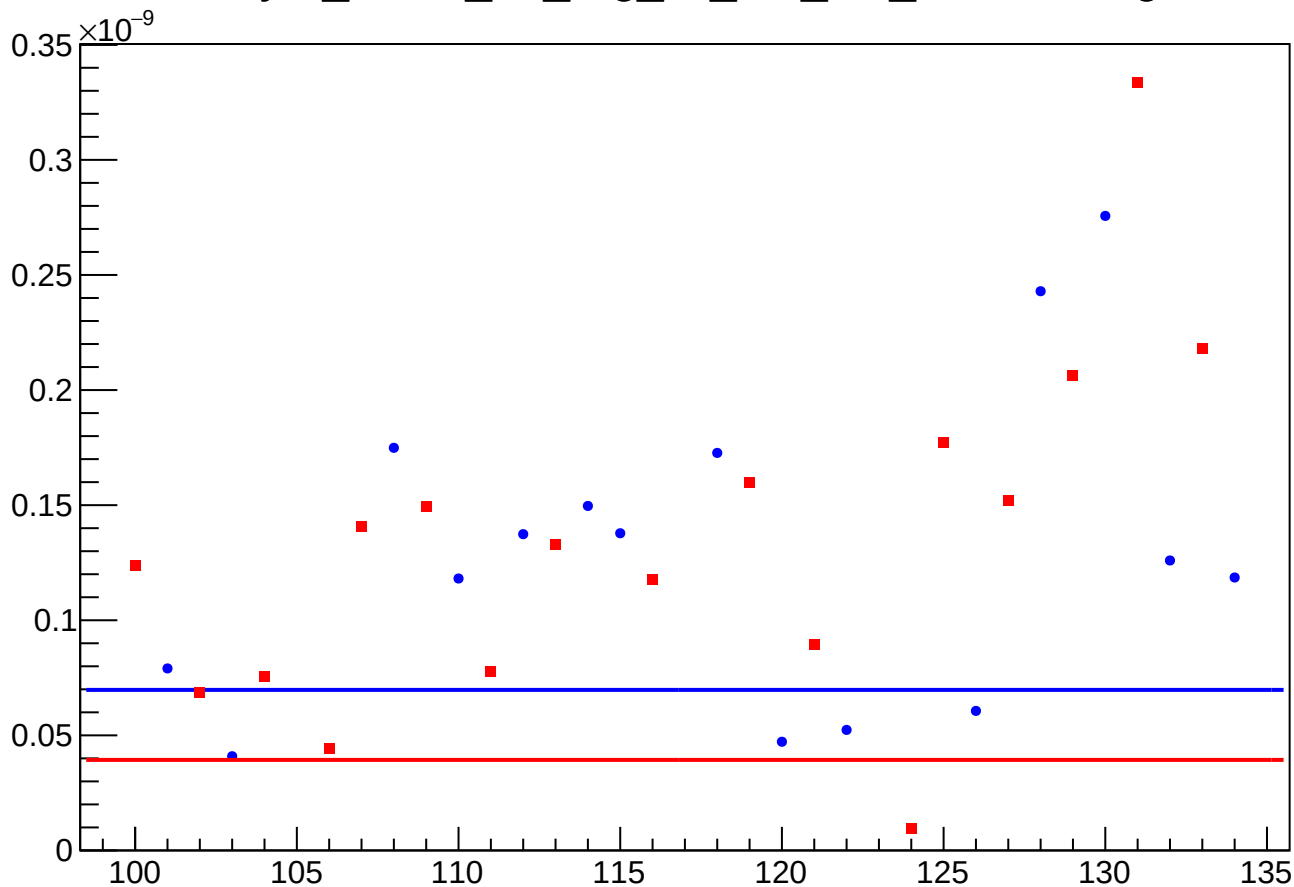
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 24.5/31

- 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 $\pm$ 0.000 χ^2/NDF : 1317464.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 3136251.2/16

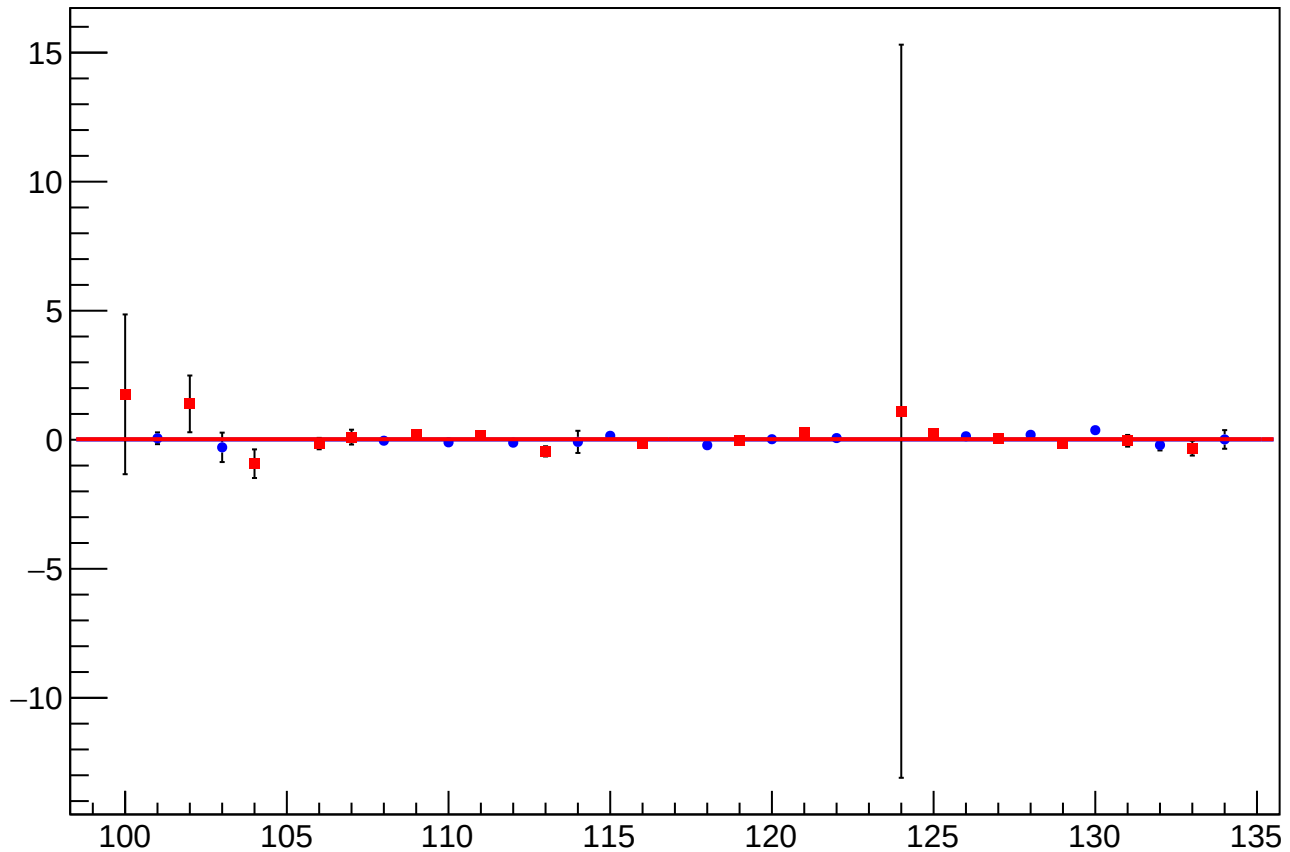
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 4900543.1/31

- sign 0.000 $\pm$ 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: 0.022 $\pm$ 0.047 χ^2 /NDF: 21.7/16

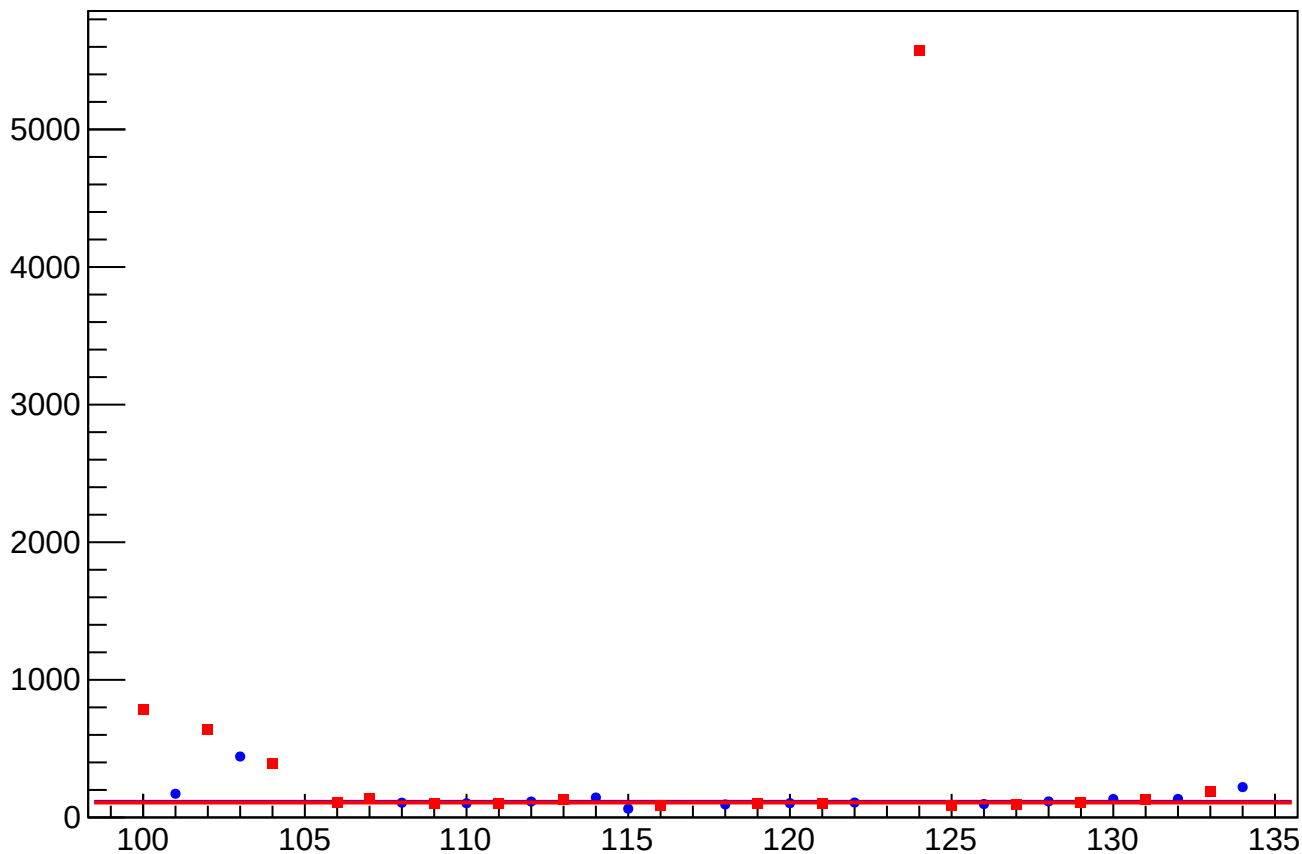
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.016 $\pm$ 0.034 χ^2 /NDF: 33.2/31

- 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: 108.697+/-0.034 χ^2/NDF : 1742891.0/16

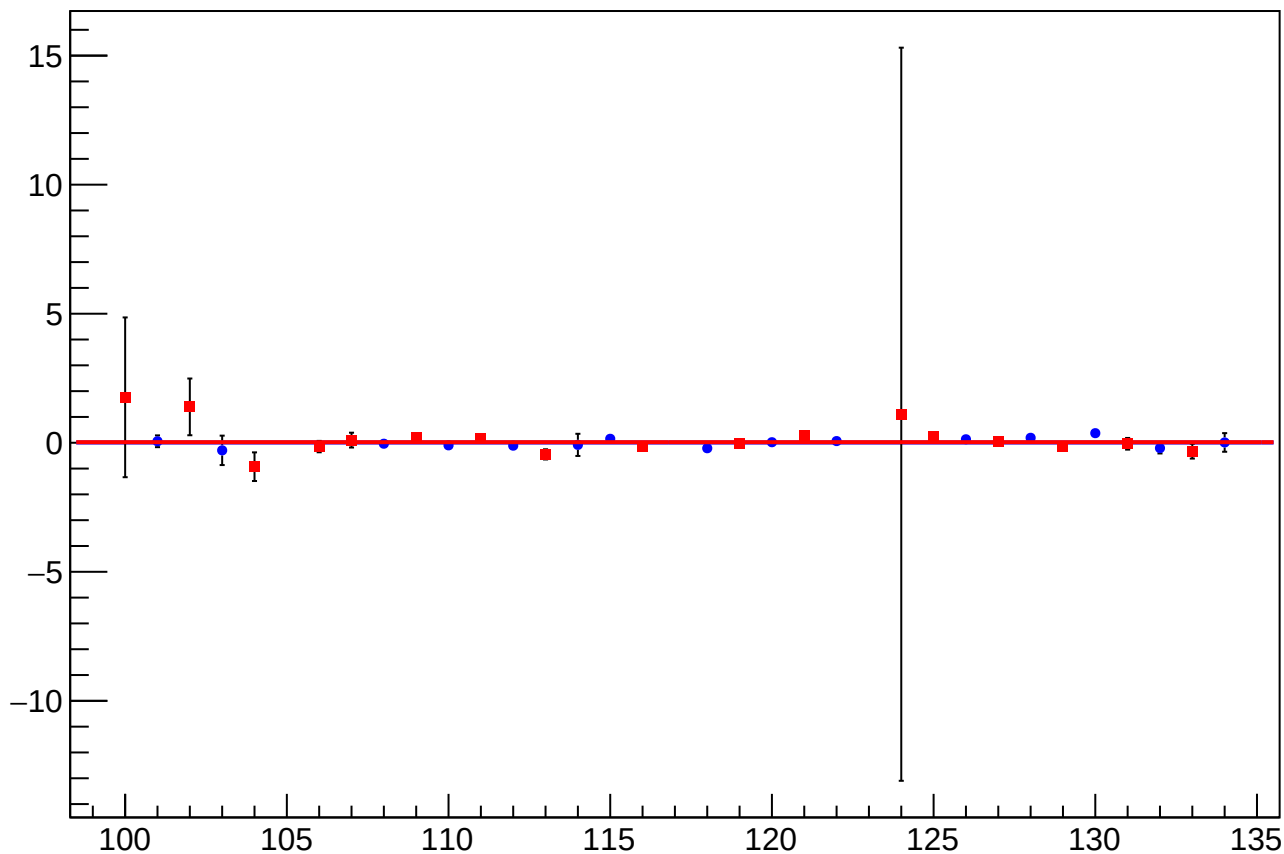
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.898+/-0.024 χ^2/NDF : 3026810.9/31

- 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: 0.022 $\pm$ 0.047 χ^2 /NDF: 21.7/16

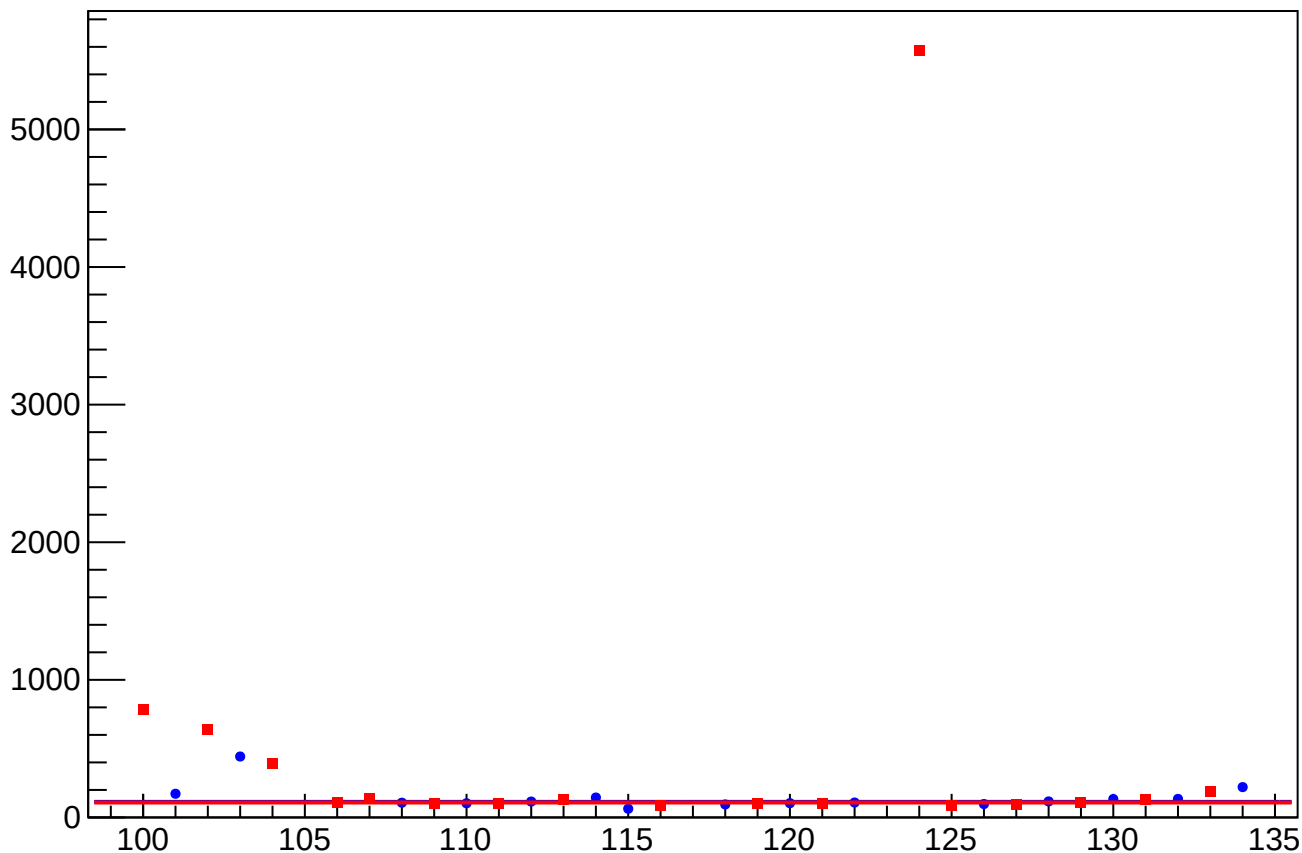
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.016 $\pm$ 0.034 χ^2 /NDF: 33.2/31

- 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: 108.697+/-0.034 χ^2/NDF : 1742891.0/16

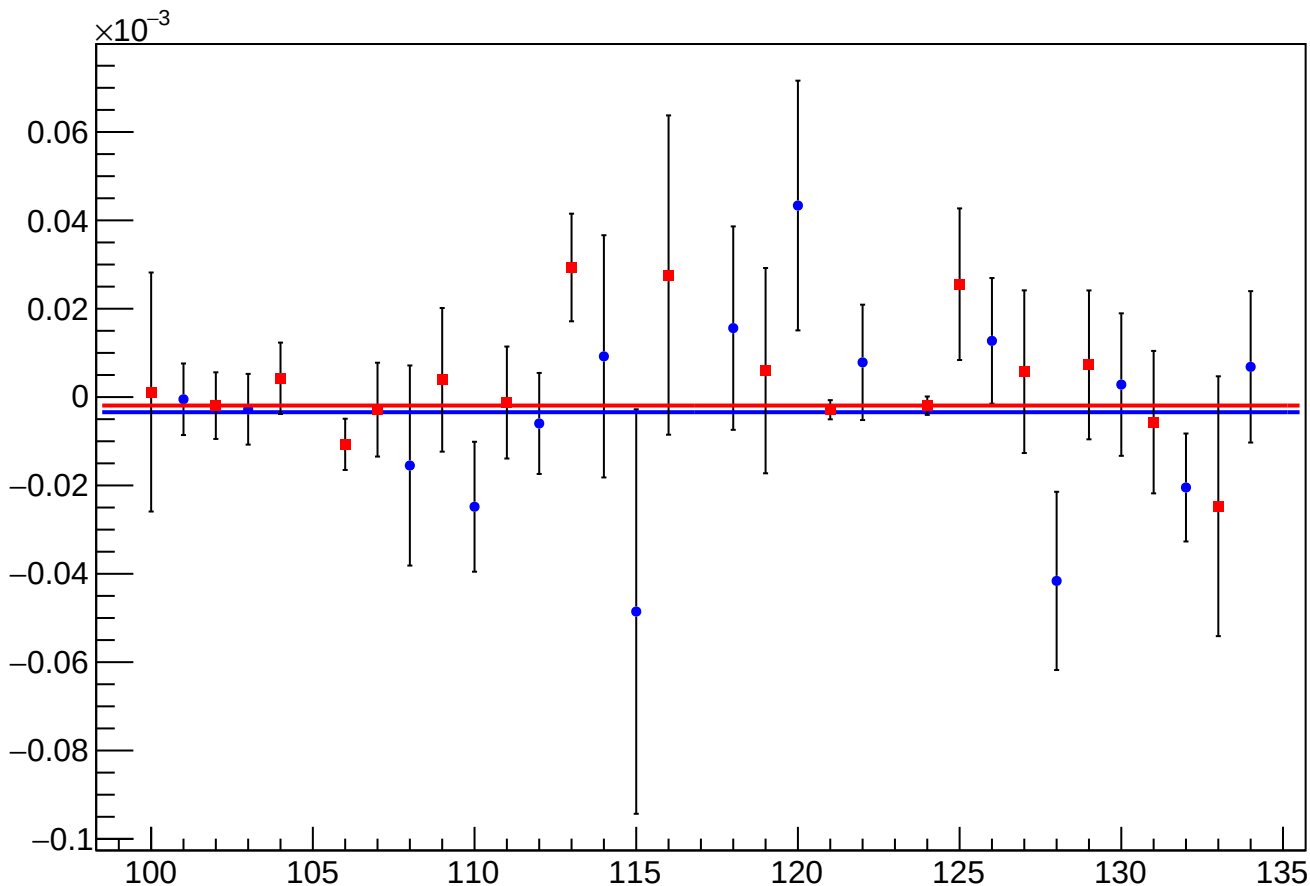
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.898+/-0.024 χ^2/NDF : 3026810.9/31

- 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: 14.3/16

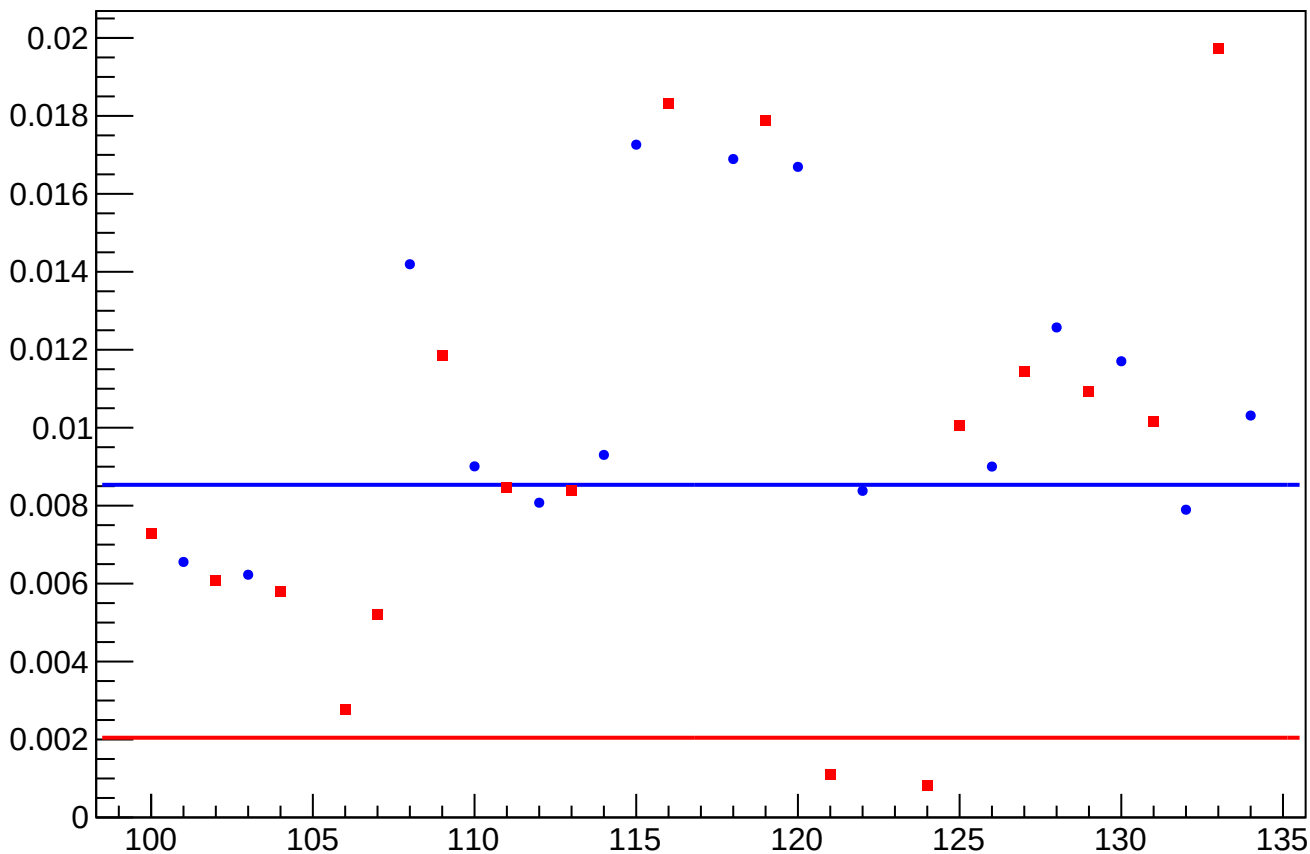
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 29.7/31

- 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 : 8225929.8/16

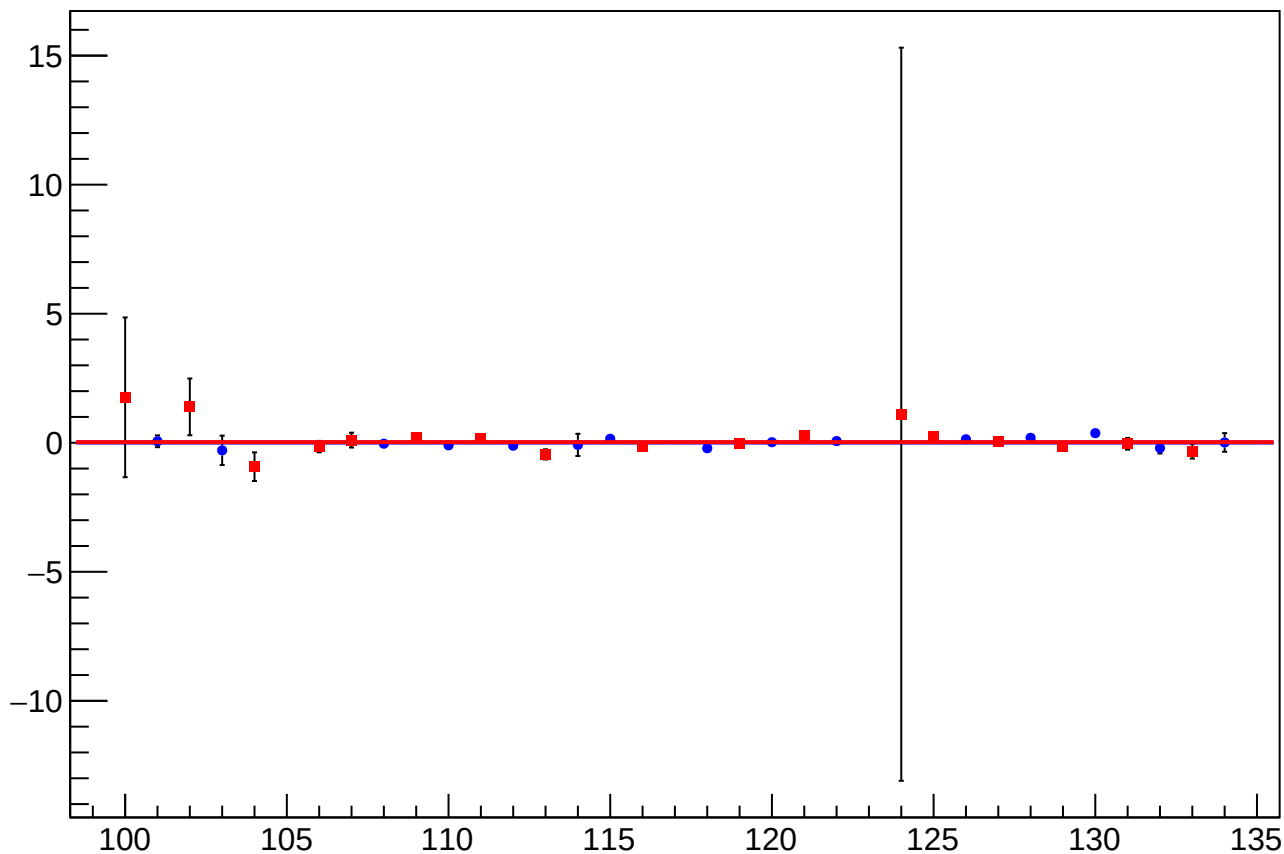
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 15038507.6/31

- 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: 0.022 $\pm$ 0.047 χ^2 /NDF: 21.7/16

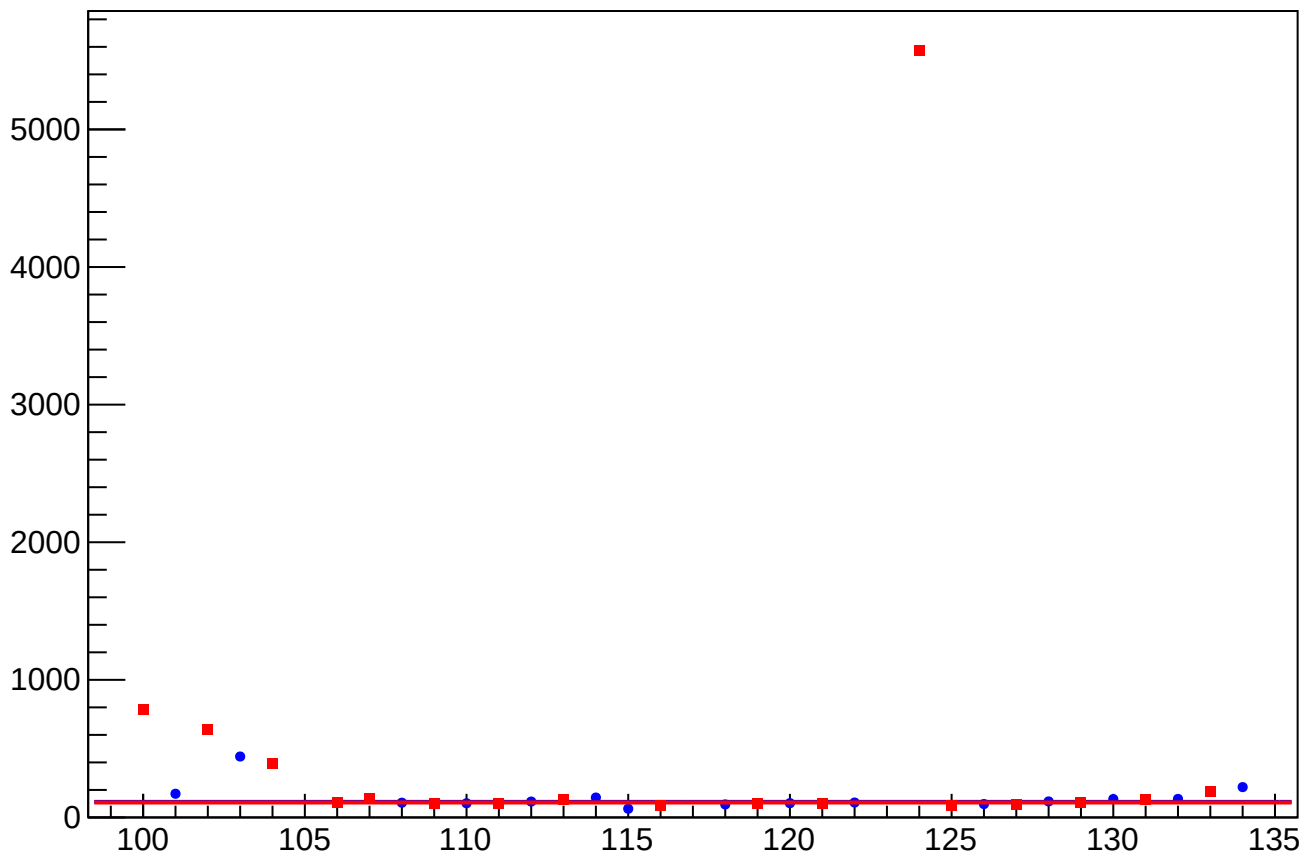
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.016 $\pm$ 0.034 χ^2 /NDF: 33.2/31

- 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: 108.698+/-0.034 χ^2/NDF : 1742821.8/16

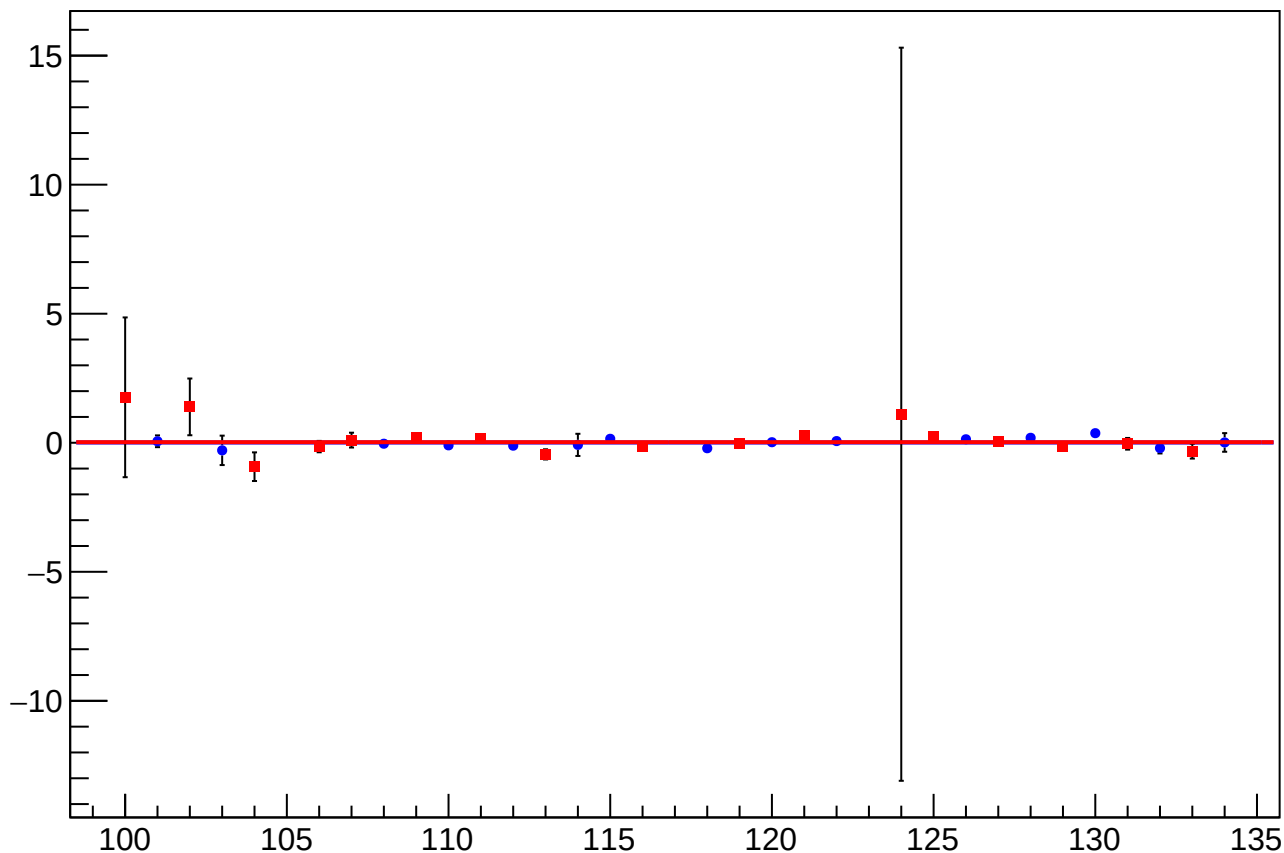
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.899+/-0.024 χ^2/NDF : 3026692.5/31

- 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: 0.022 $\pm$ 0.047 χ^2 /NDF: 21.7/16

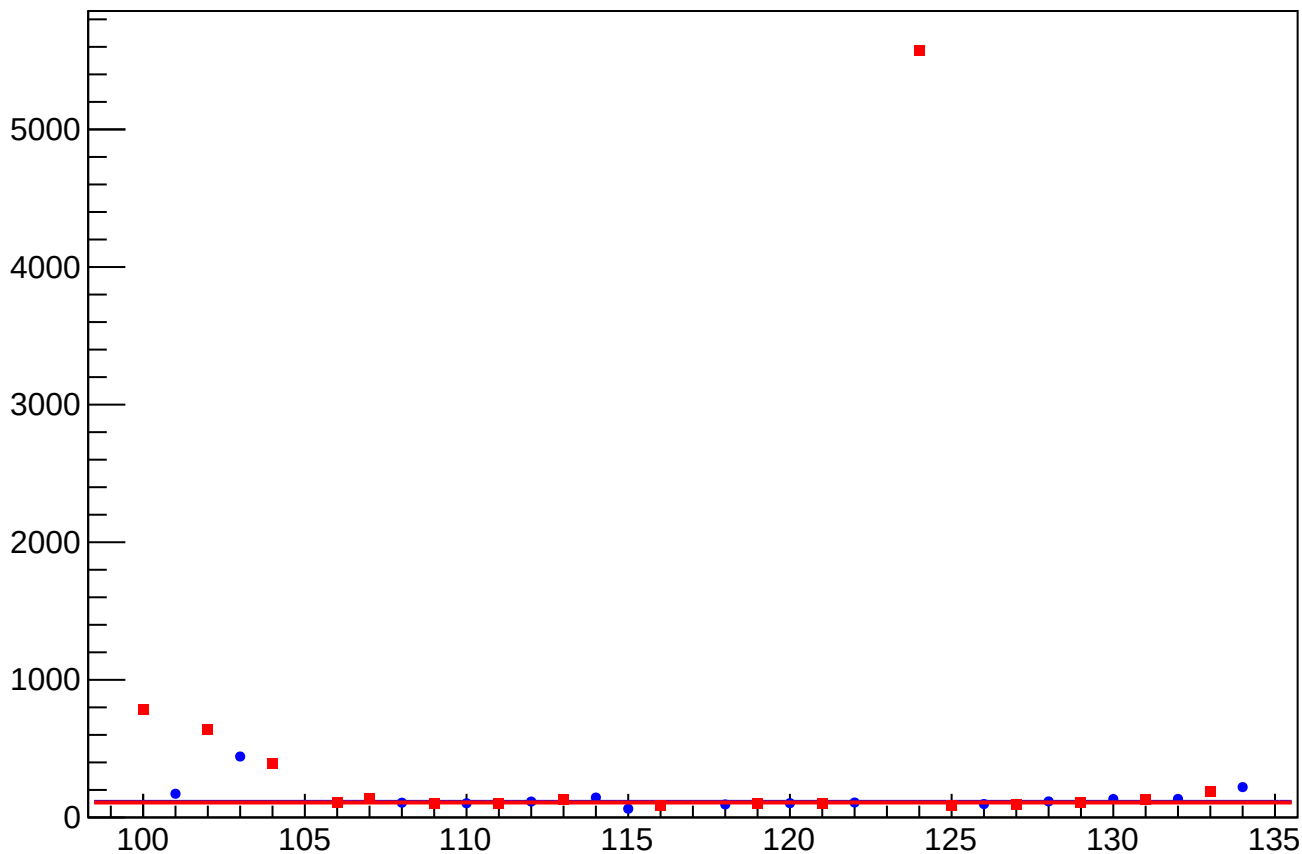
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.016 $\pm$ 0.034 χ^2 /NDF: 33.2/31

- 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: 108.698+/-0.034 χ^2/NDF : 1742821.8/16

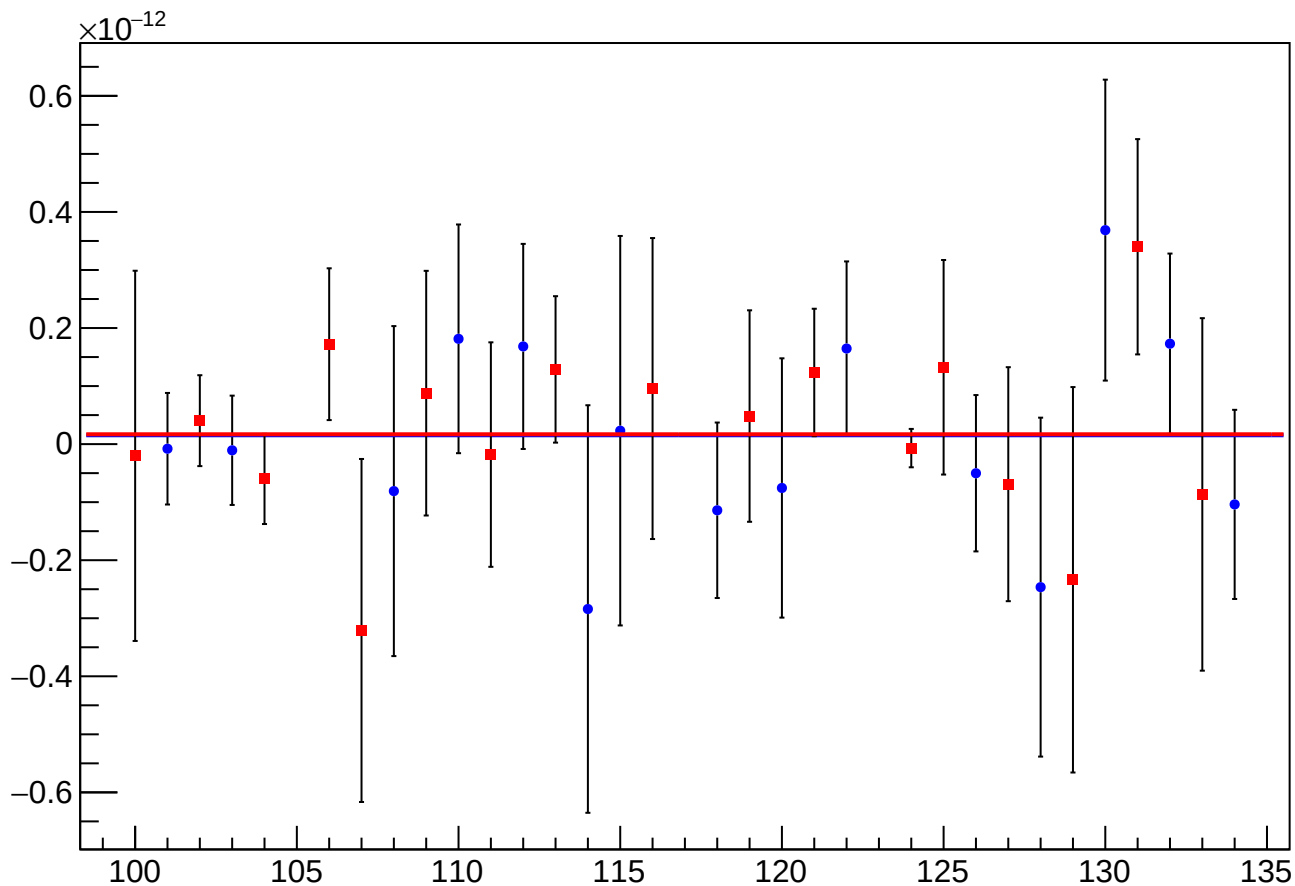
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.899+/-0.024 χ^2/NDF : 3026692.5/31

- 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 $\pm$ 0.000 χ^2 /NDF: 8.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.6/16

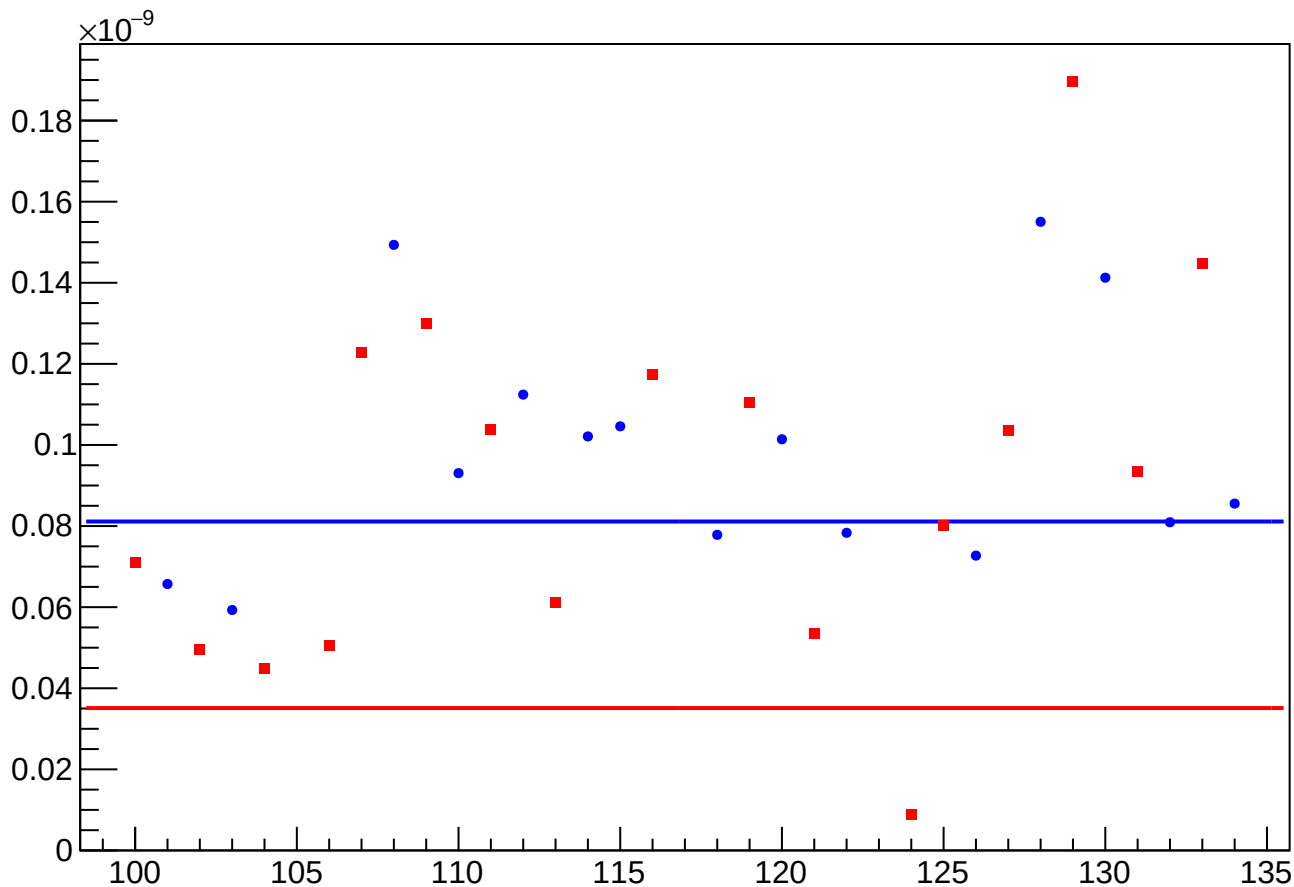
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.4/31

- sign 0.000 $\pm$ 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 : 4183330.1/16

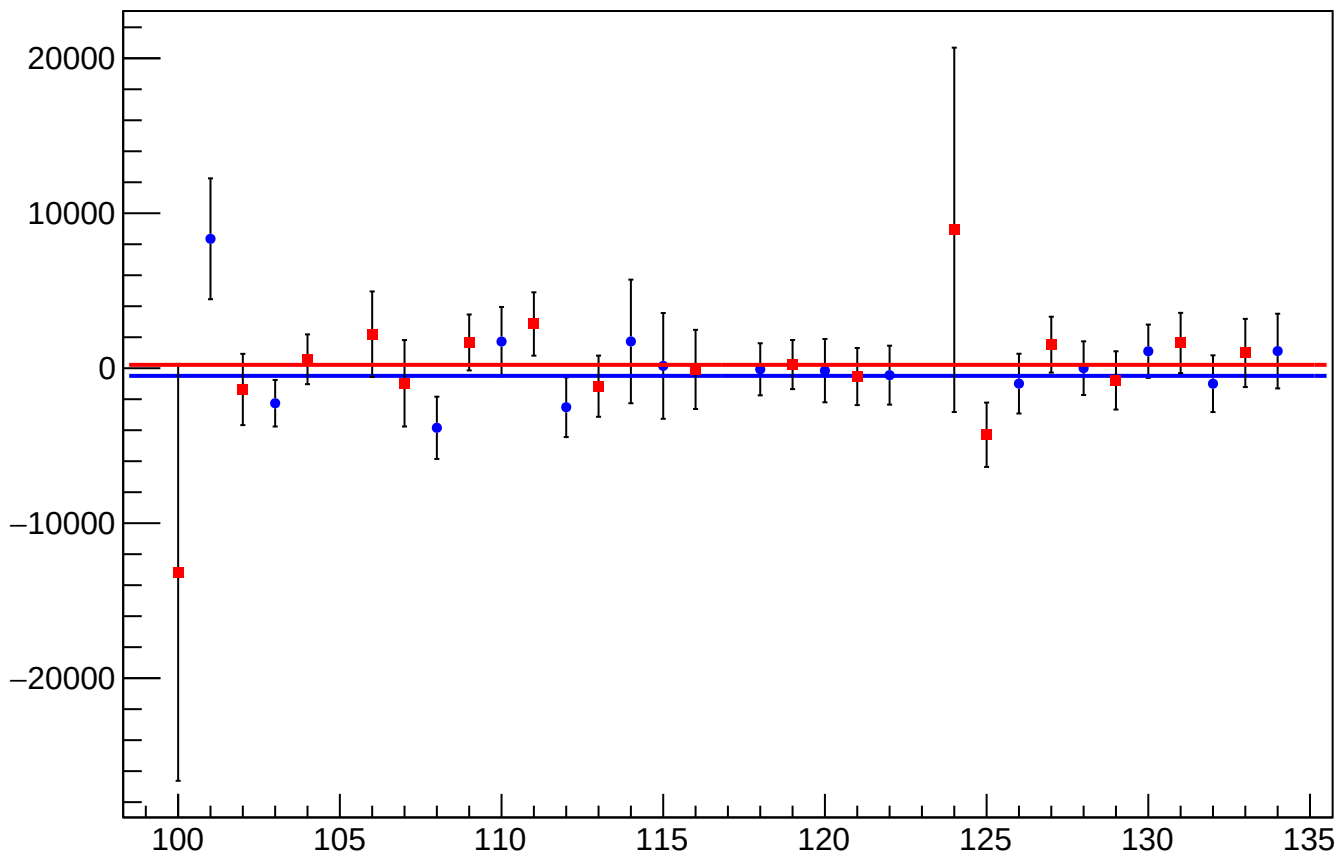
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6622172.4/31

- 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: 217.420 ± 513.494 χ^2/NDF : 11.9/16

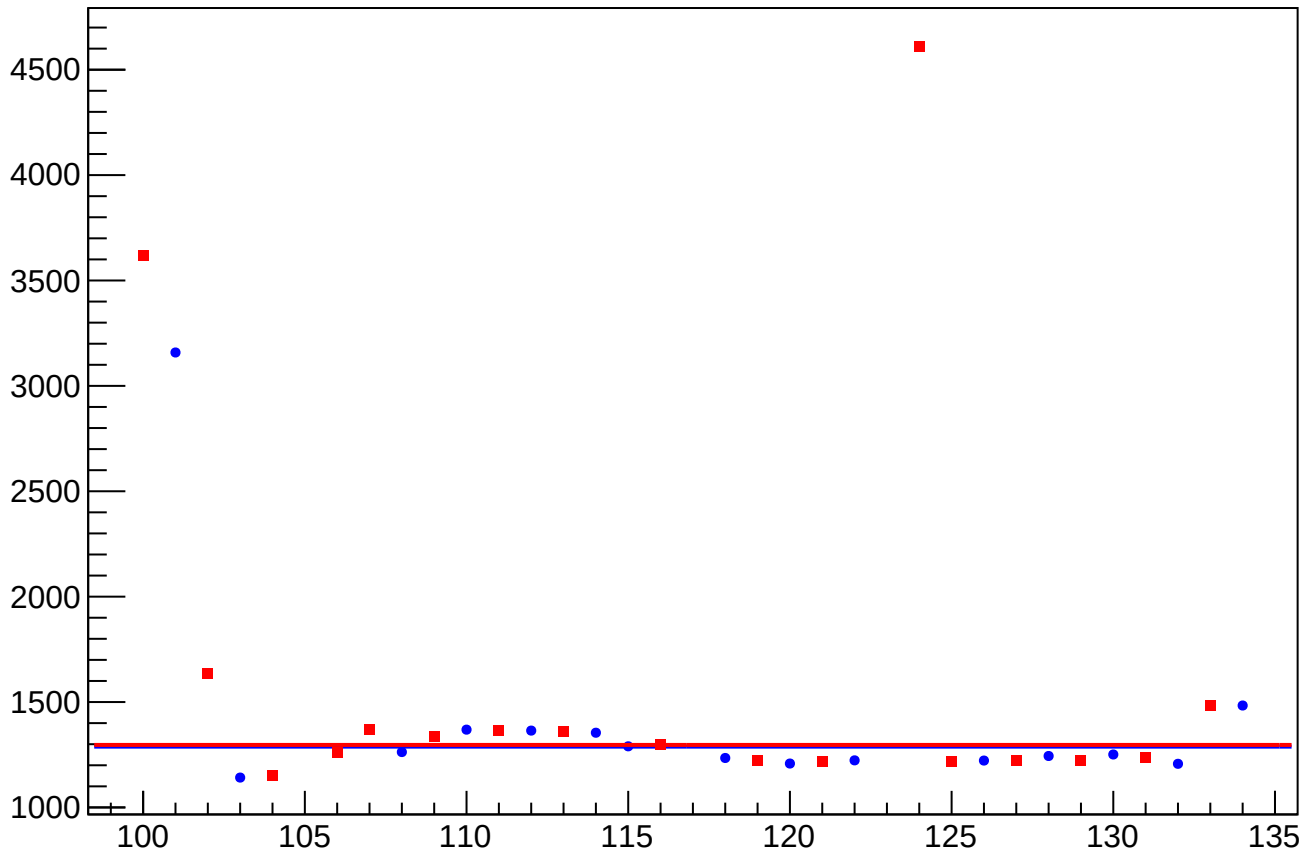
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -131.266 ± 366.375 χ^2/NDF : 26.2/31

- 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: 1296.555+/-0.362 χ^2/NDF : 318960.1/16

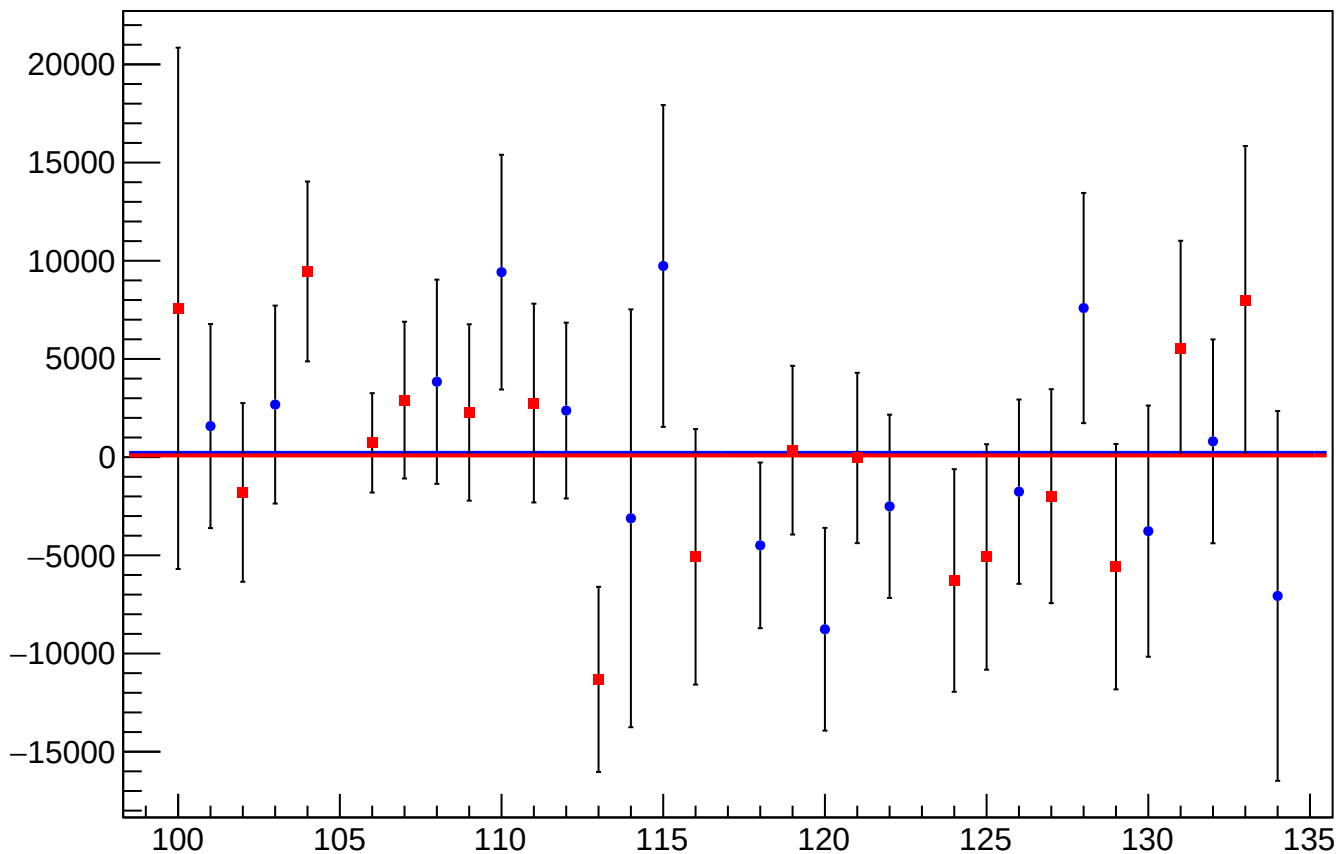
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1292.620+/-0.259 χ^2/NDF : 833824.4/31

- 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: 86.795 $\pm$ 1150.348 χ^2 /NDF: 17.3/16

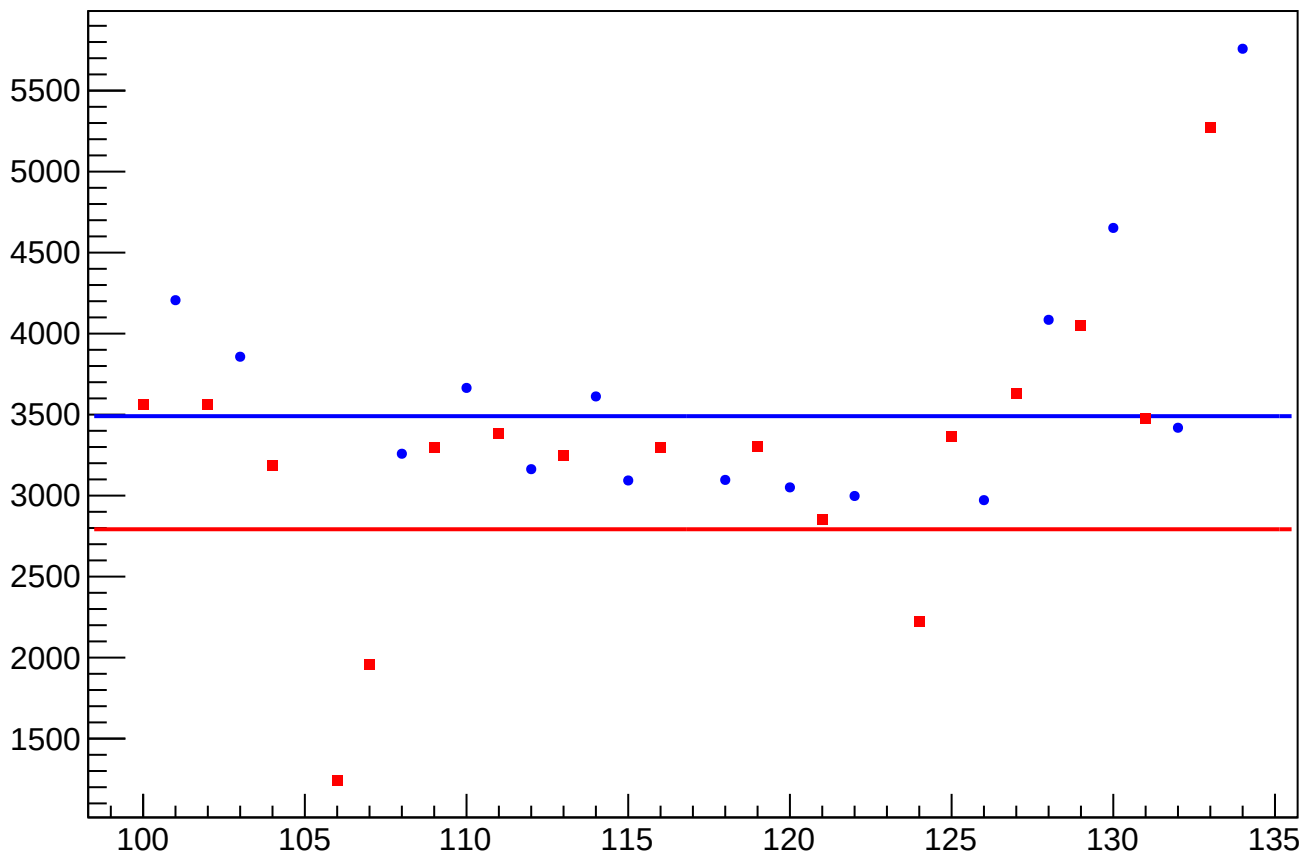
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 138.595 $\pm$ 891.696 χ^2 /NDF: 29.5/31

- 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

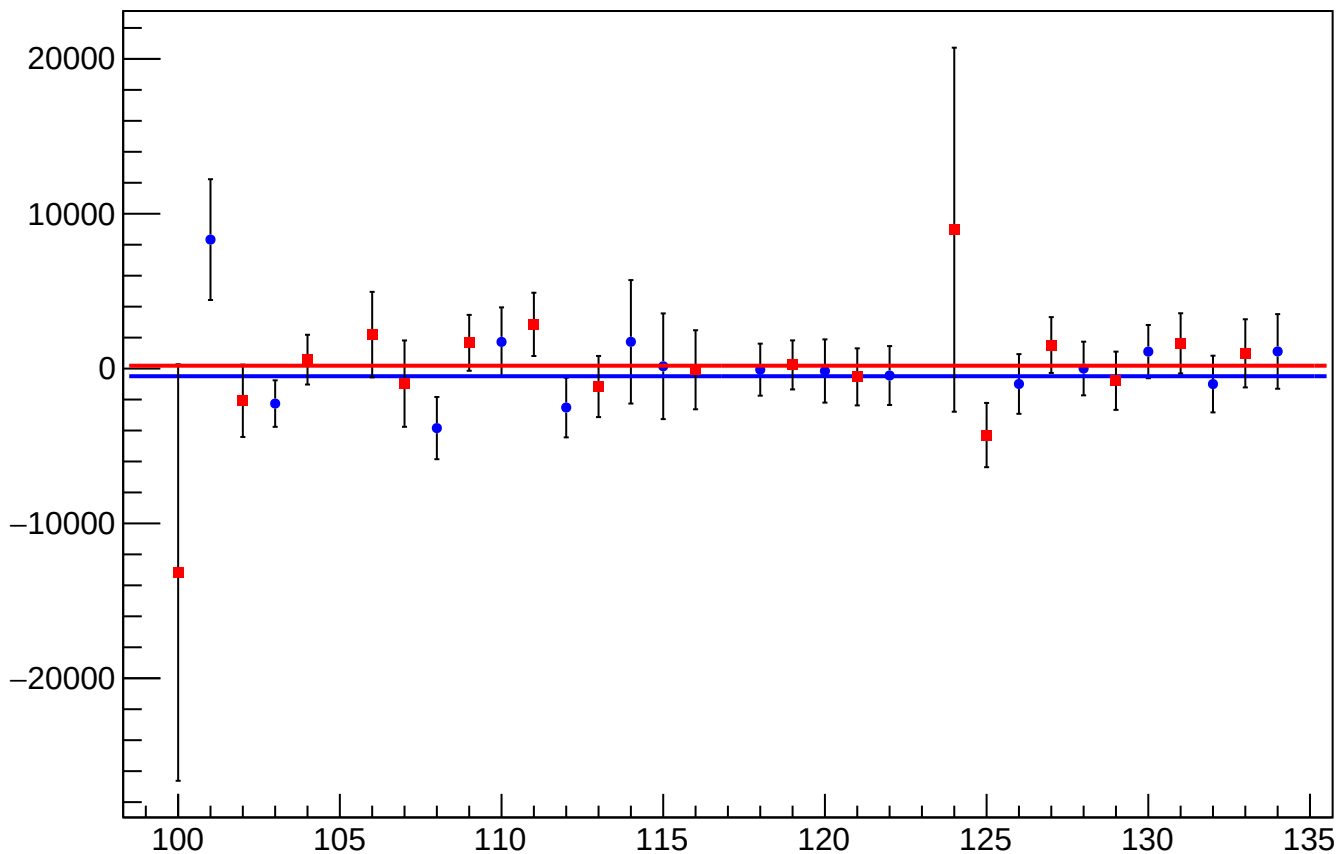
Right Out: 2792.290+/-0.813 χ^2/NDF : 1429809.5/16

All: 3070.942+/-0.631 χ^2/NDF : 2075360.9/31

- 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_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: 185.468 ± 513.871 χ^2/NDF : 12.4/16

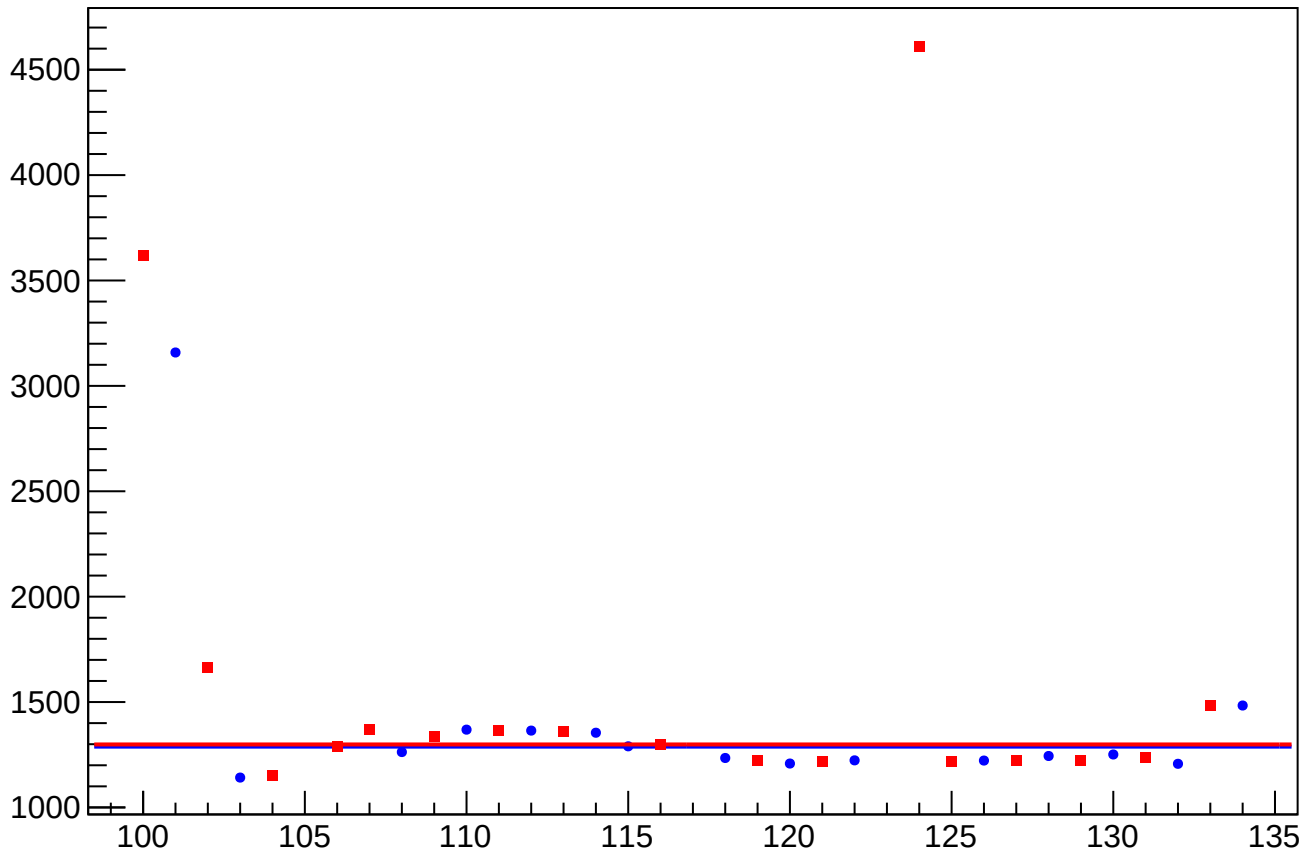
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -148.004 ± 366.512 χ^2/NDF : 26.6/31

- 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+/-0.370 χ^2/NDF : 514624.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.796+/-0.363 χ^2/NDF : 325561.1/16

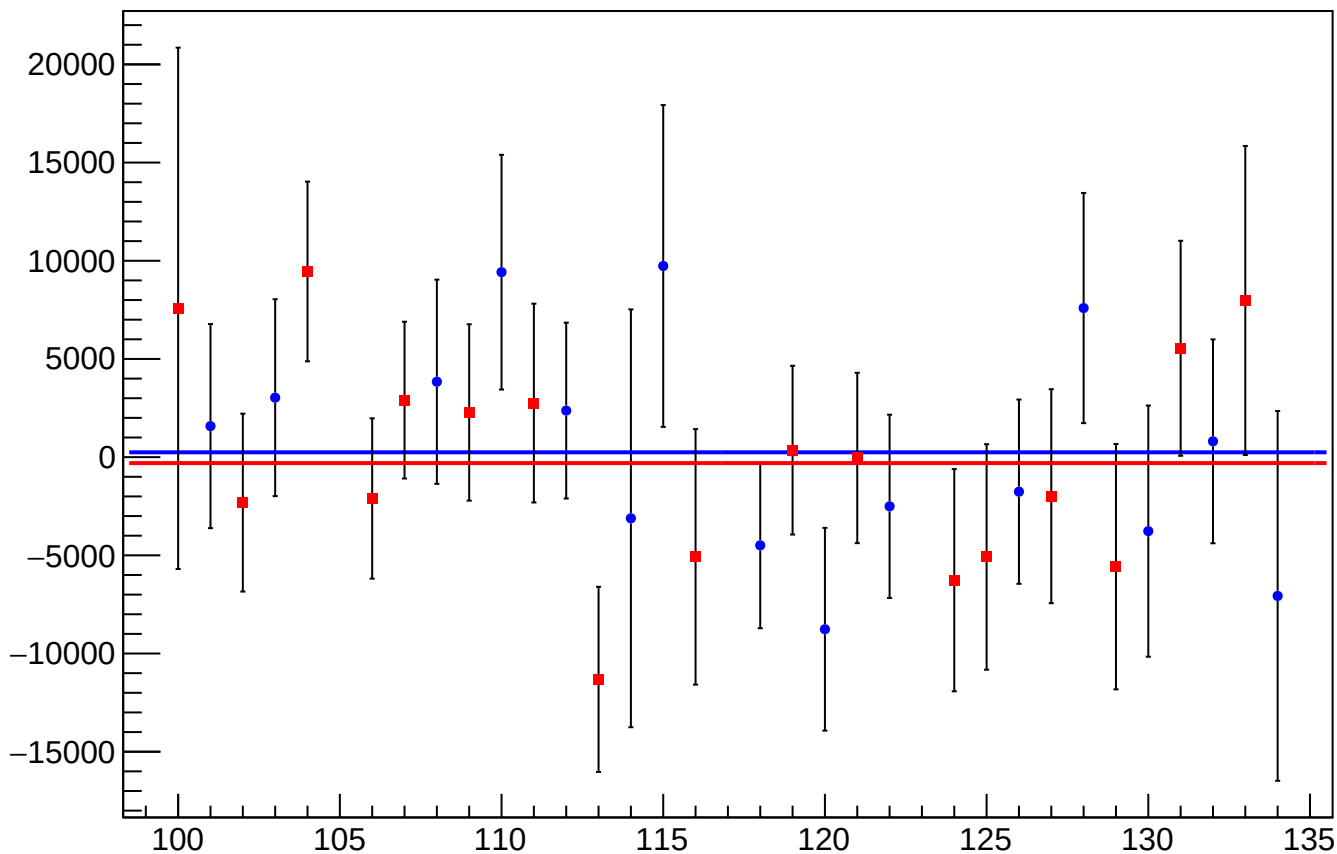
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.756+/-0.259 χ^2/NDF : 840579.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_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: -302.867+/-1230.941 χ^2/NDF : 17.5/16

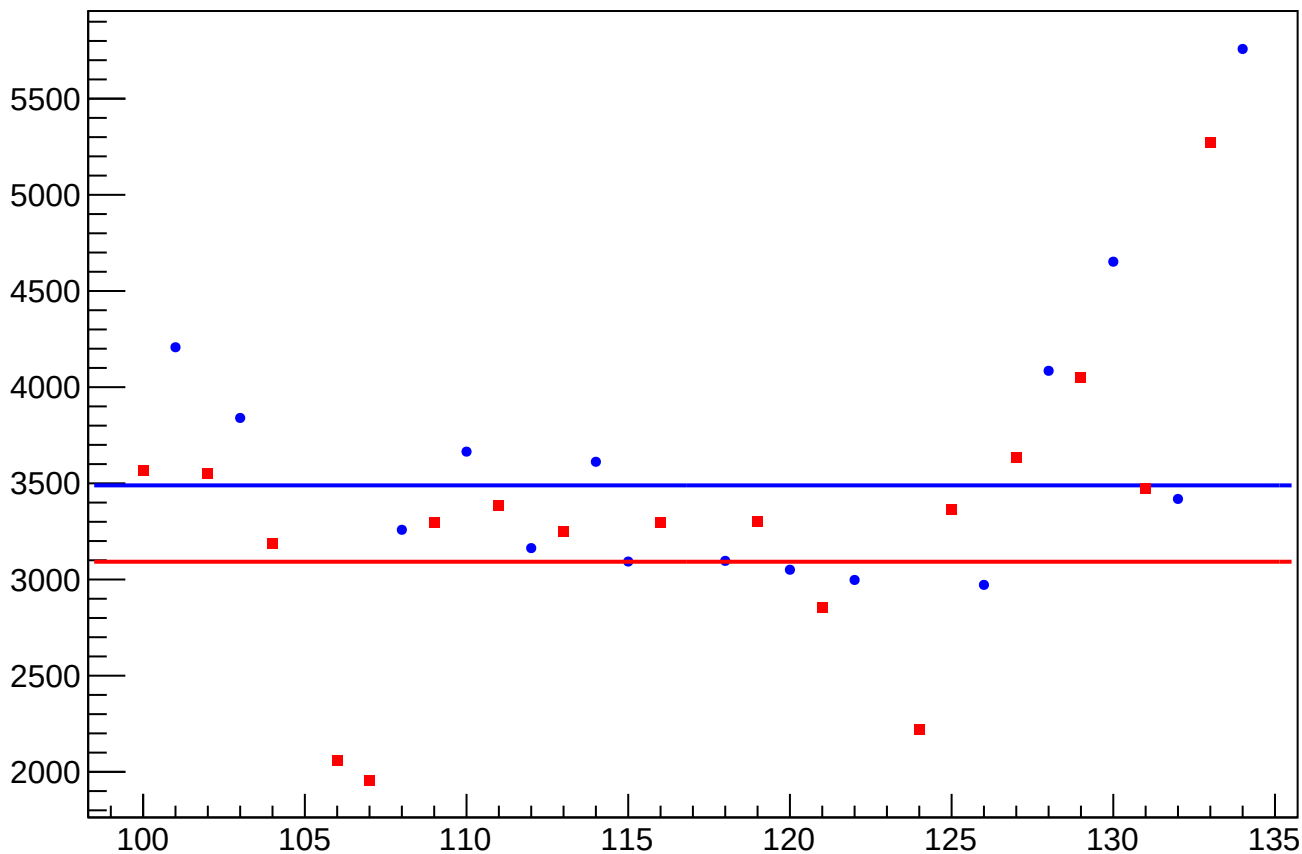
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.552+/-927.539 χ^2/NDF : 29.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_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

Right Out: 3092.446+/-0.870 χ^2/NDF : 621572.7/16

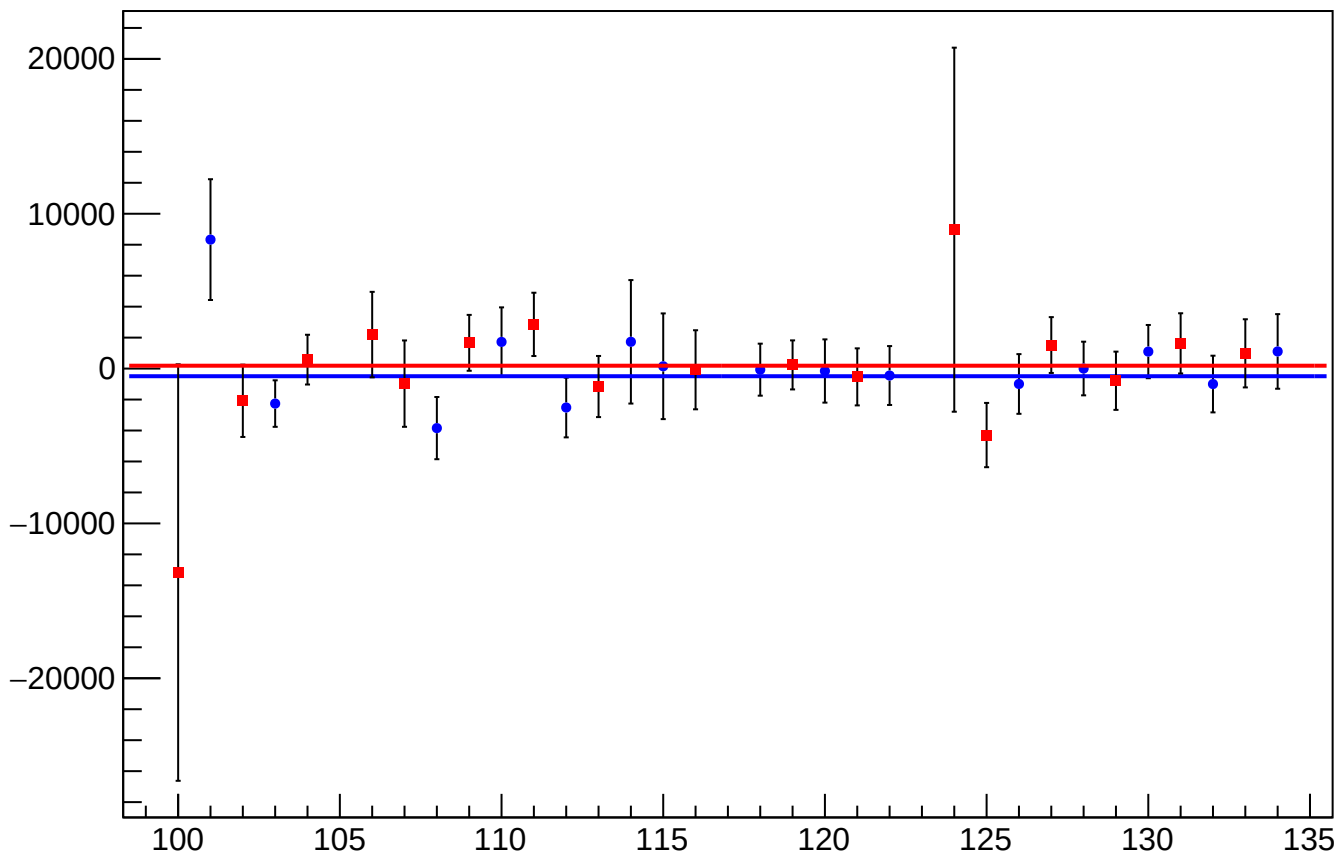
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3264.013+/-0.656 χ^2/NDF : 1062225.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_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: 185.468+/-513.871 χ^2/NDF : 12.4/16

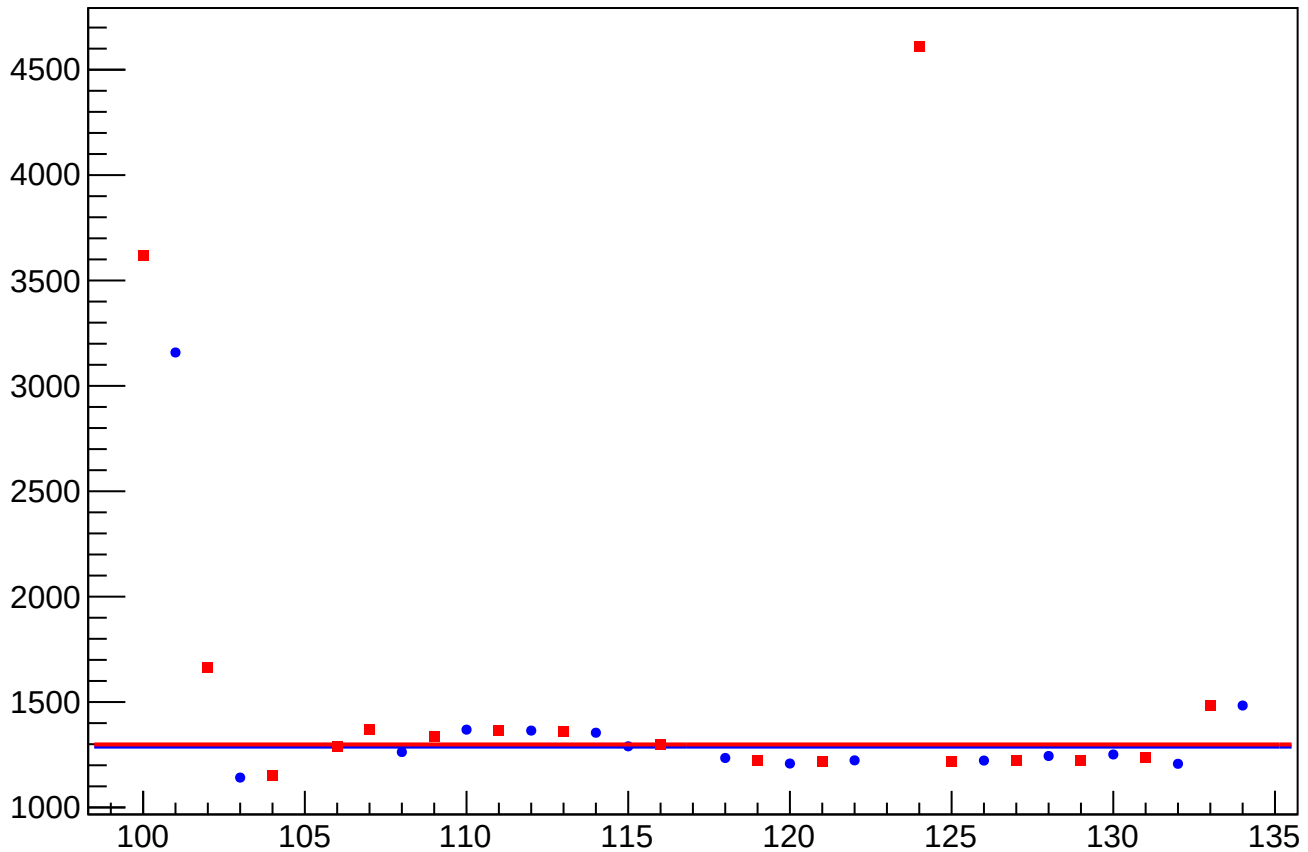
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -148.004+/-366.512 χ^2/NDF : 26.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_dd_atr_dd_avg_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: 1298.796+/-0.363 χ^2/NDF : 325561.1/16

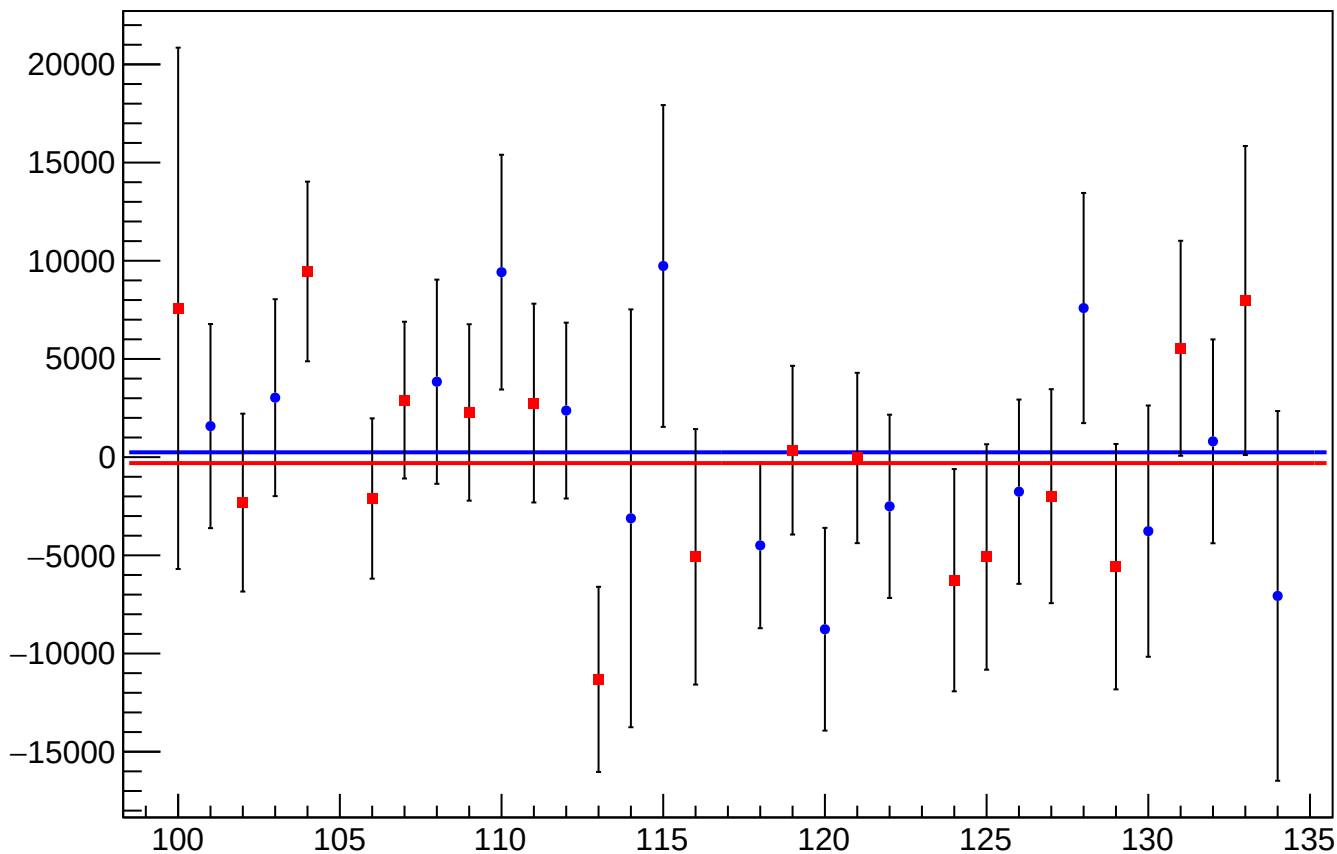
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.756+/-0.259 χ^2/NDF : 840579.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_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: -302.867+/-1230.941 χ^2/NDF : 17.5/16

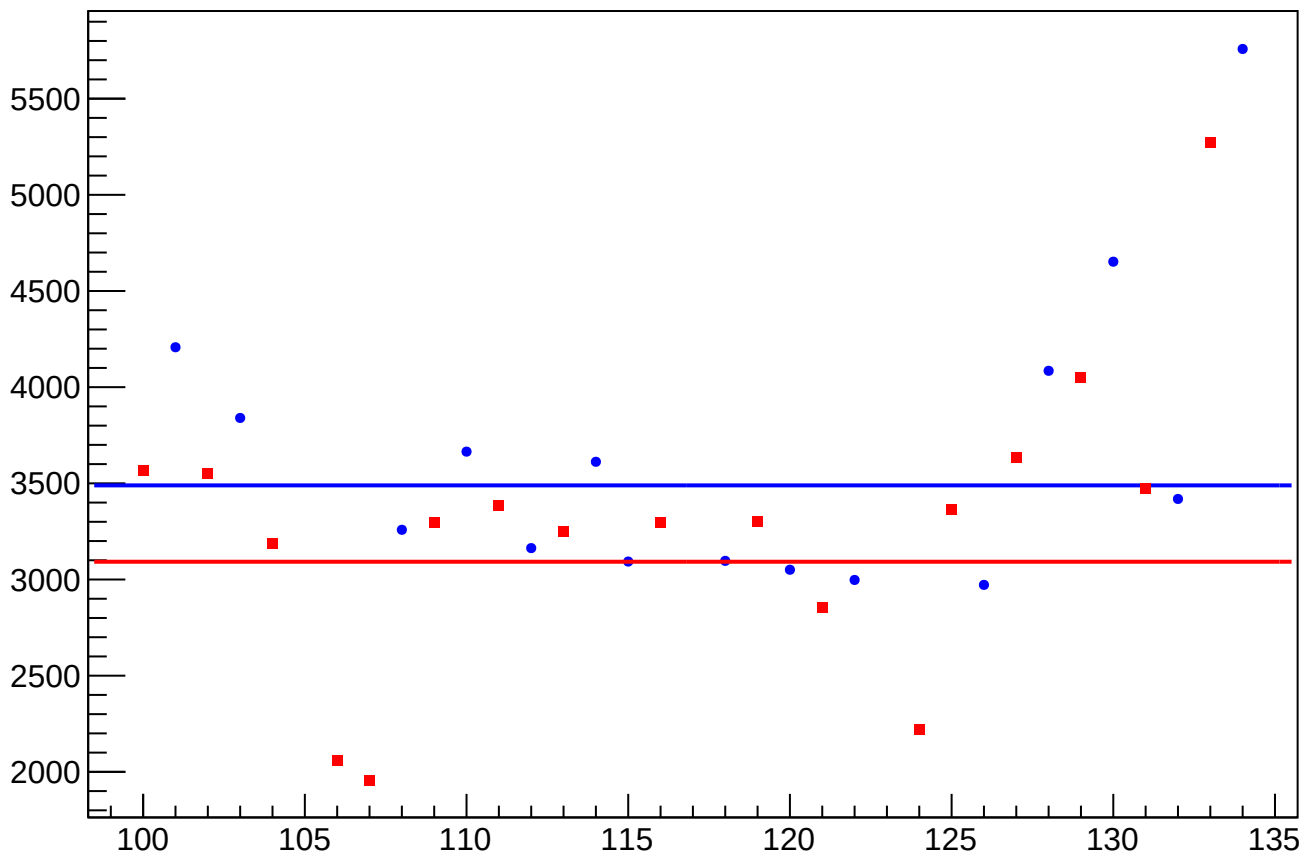
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.552+/-927.539 χ^2/NDF : 29.9/31

- sign 0.000+/-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

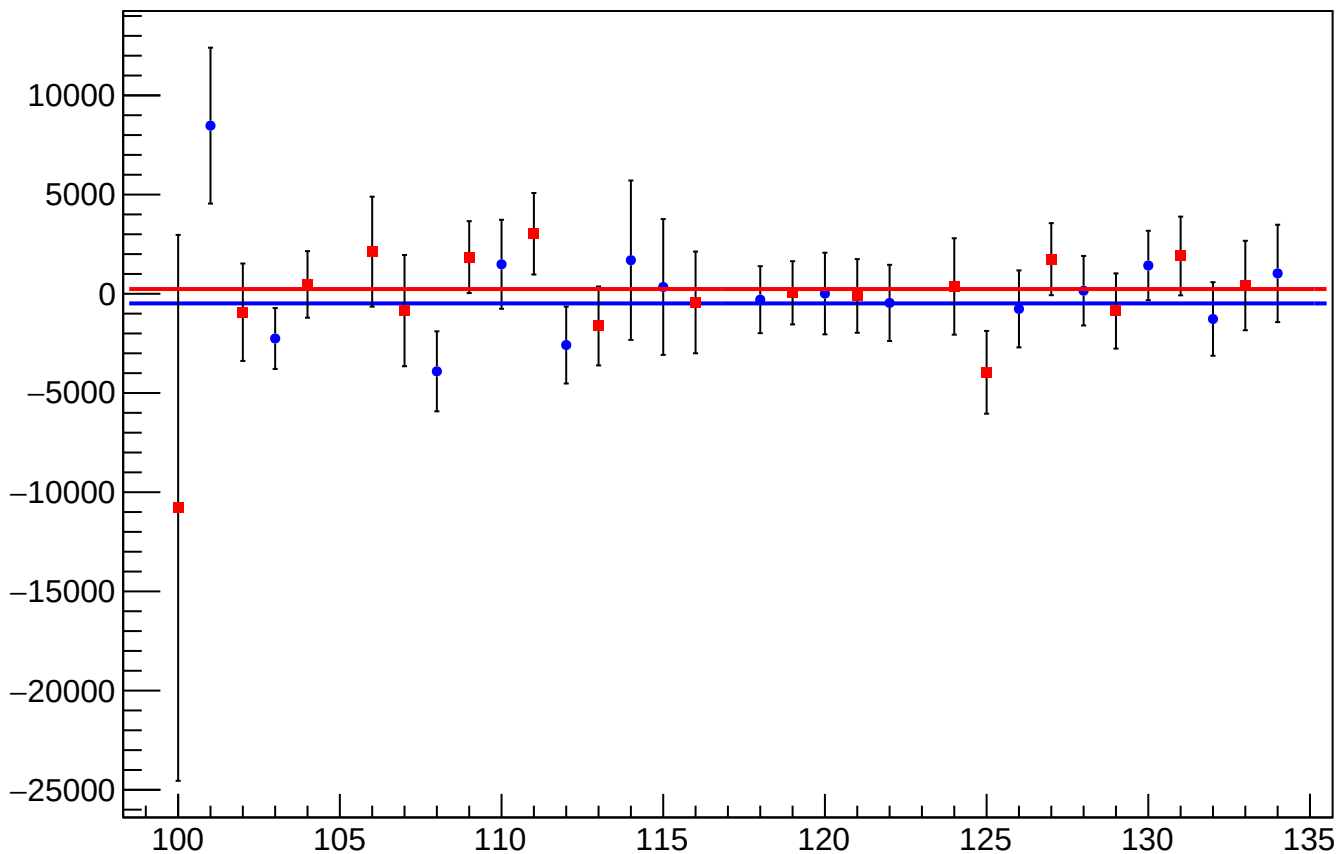
Right Out: 3092.446+/-0.870 χ^2/NDF : 621572.7/16

All: 3264.013+/-0.656 χ^2/NDF : 1062225.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_dd_atr_dd_avg_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: 240.257 ± 509.871 χ^2/NDF : 10.9/16

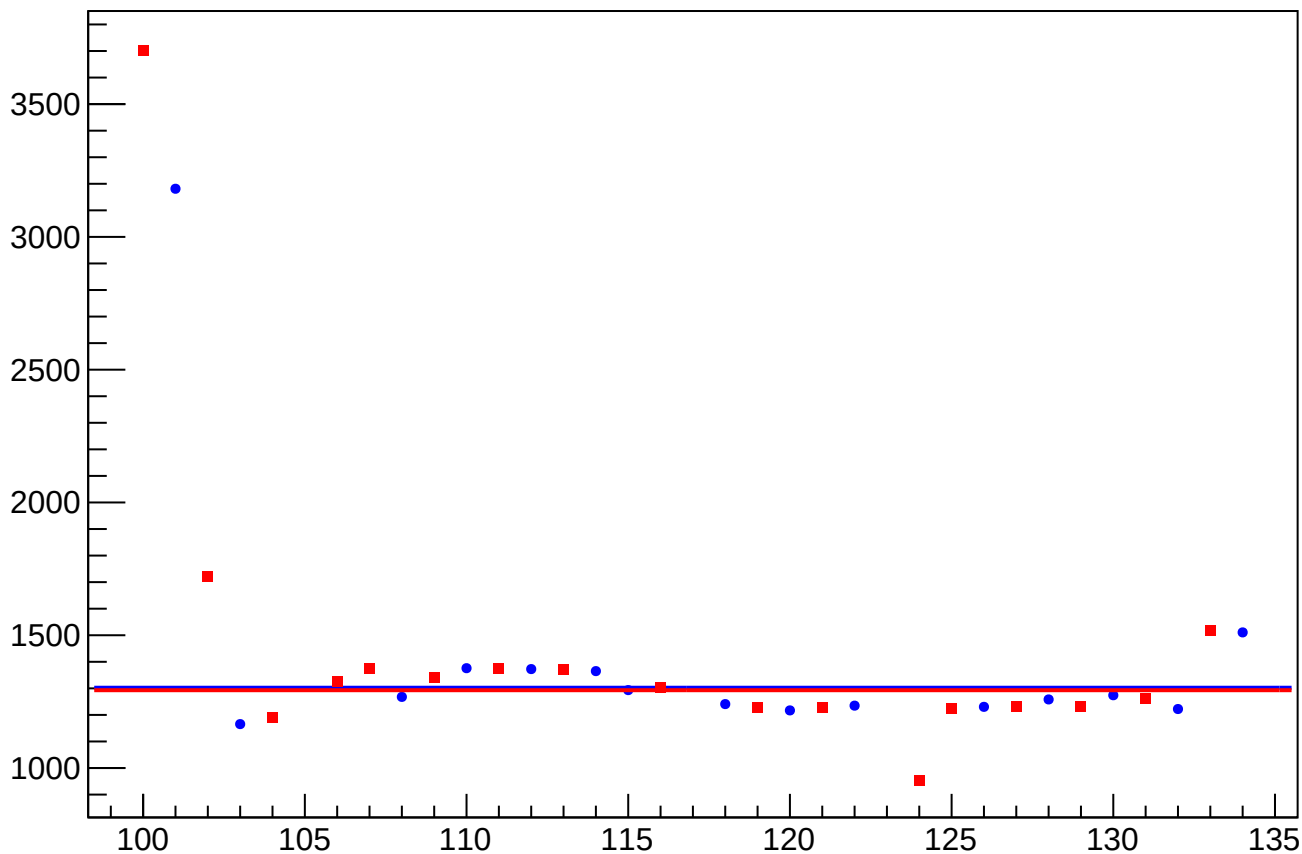
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -109.389 ± 366.934 χ^2/NDF : 25.6/31

- sign 0.000 ± 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

Right Out: 1293.041+/-0.360 χ^2/NDF : 211204.6/16

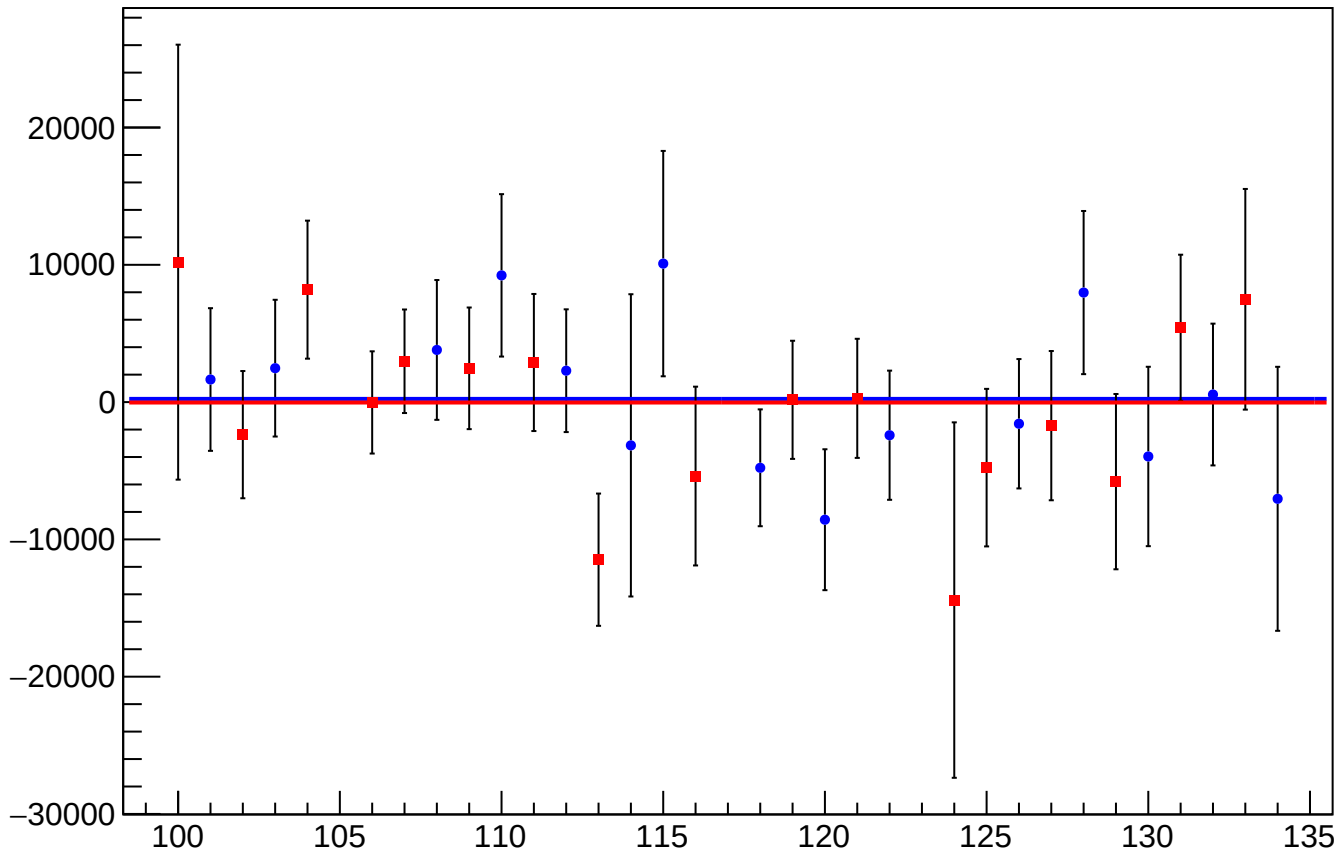
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1297.524+/-0.259 χ^2/NDF : 721940.0/31

- sign 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: -30.502 $\pm$ 1247.043 χ^2 /NDF: 15.7/16

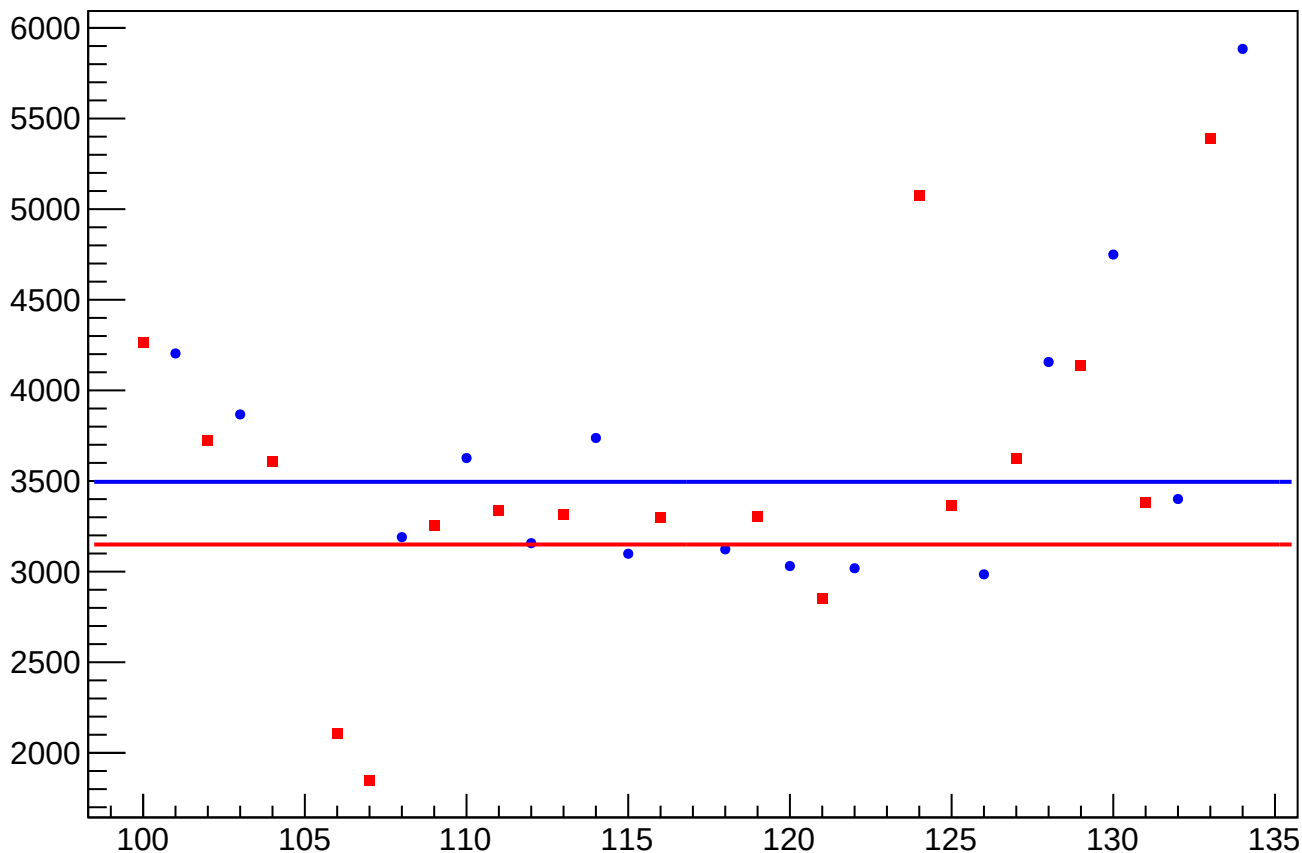
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 85.399 $\pm$ 934.881 χ^2 /NDF: 28.1/31

- 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

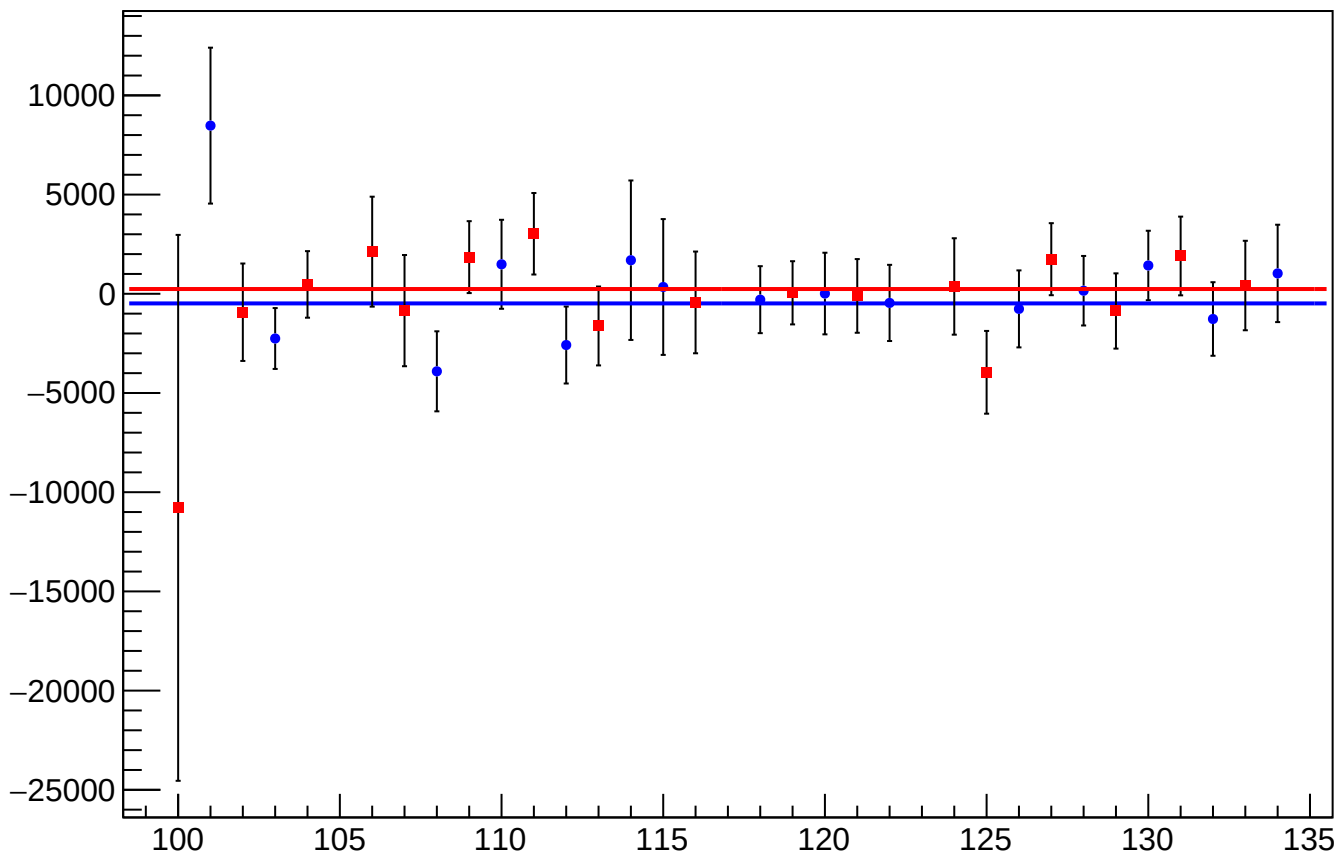
Right Out: 3149.771+/-0.882 χ^2/NDF : 741142.1/16

All: 3301.191+/-0.661 χ^2/NDF : 1180371.5/31

- 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_atl_dd_atr_dd_avg_mean vs Slug



Right In: -485.016 $\pm$ 528.473 χ^2 /NDF: 13.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 240.262 $\pm$ 509.871 χ^2 /NDF: 10.9/16

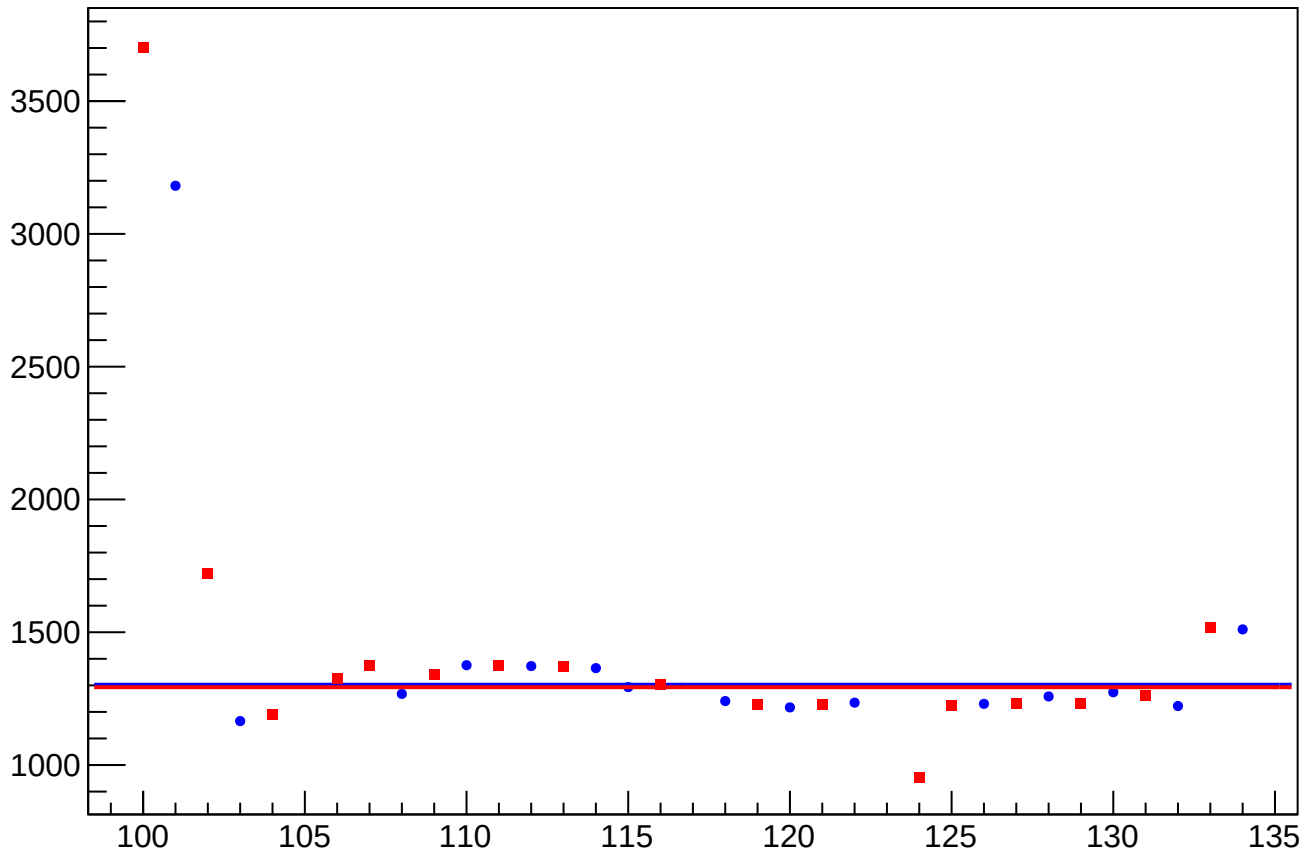
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -109.387 $\pm$ 366.933 χ^2 /NDF: 25.6/31

- sign 0.000 $\pm$ 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: 1293.041 $\pm$ 0.360 χ^2 /NDF: 211204.6/16

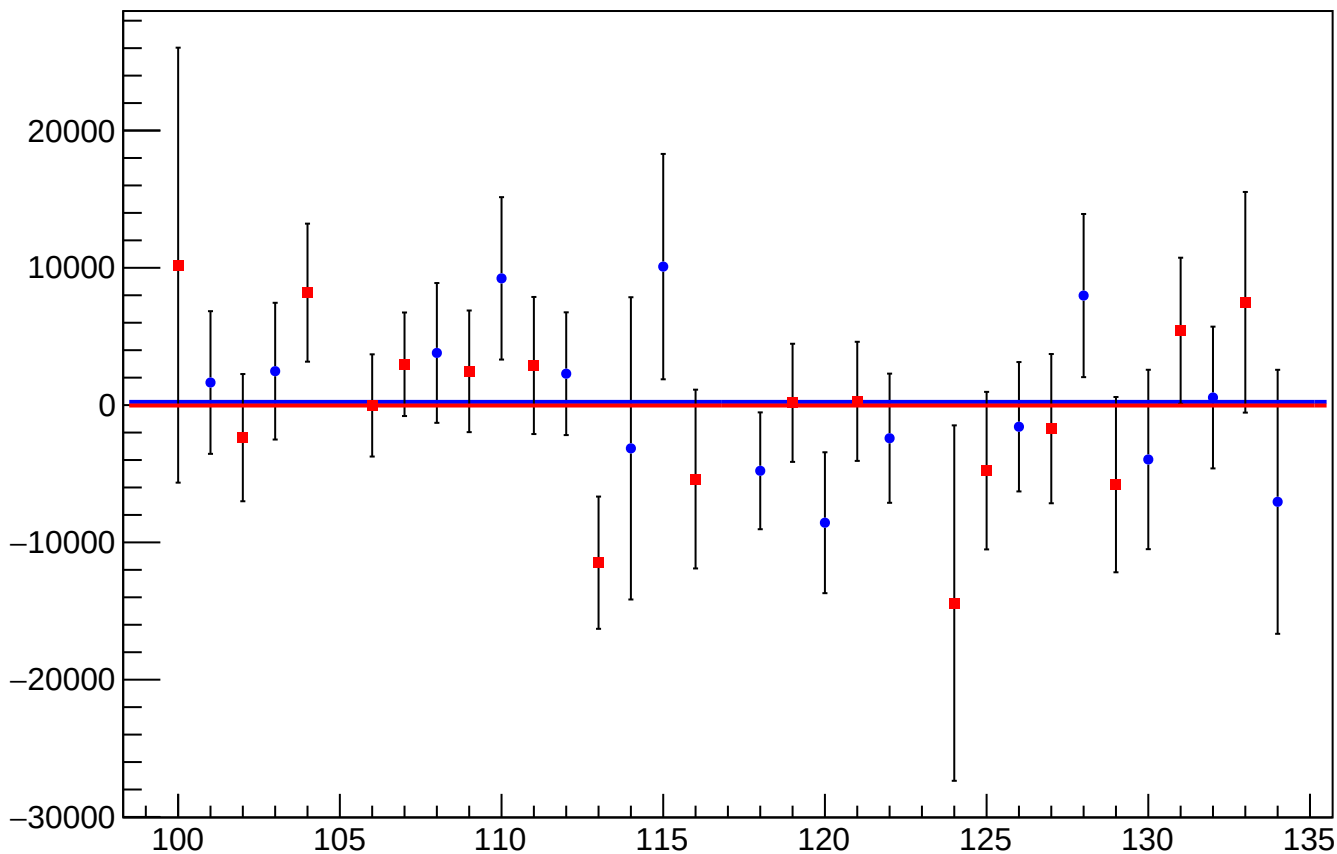
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1297.524 $\pm$ 0.259 χ^2 /NDF: 721940.1/31

- 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 ± 1412.623 χ^2/NDF : 12.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -30.498 ± 1247.039 χ^2/NDF : 15.7/16

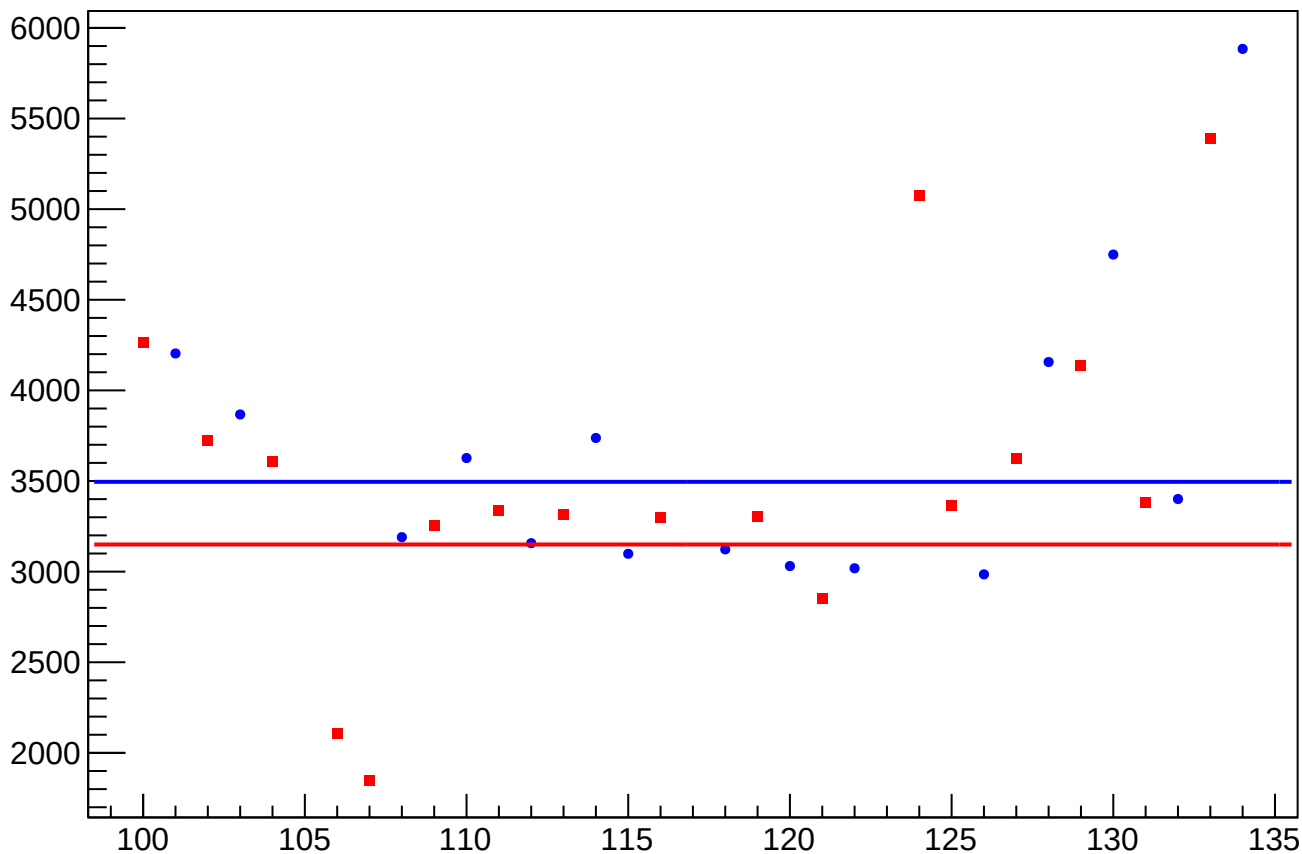
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 85.400 ± 934.878 χ^2/NDF : 28.1/31

- sign 0.000 ± 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

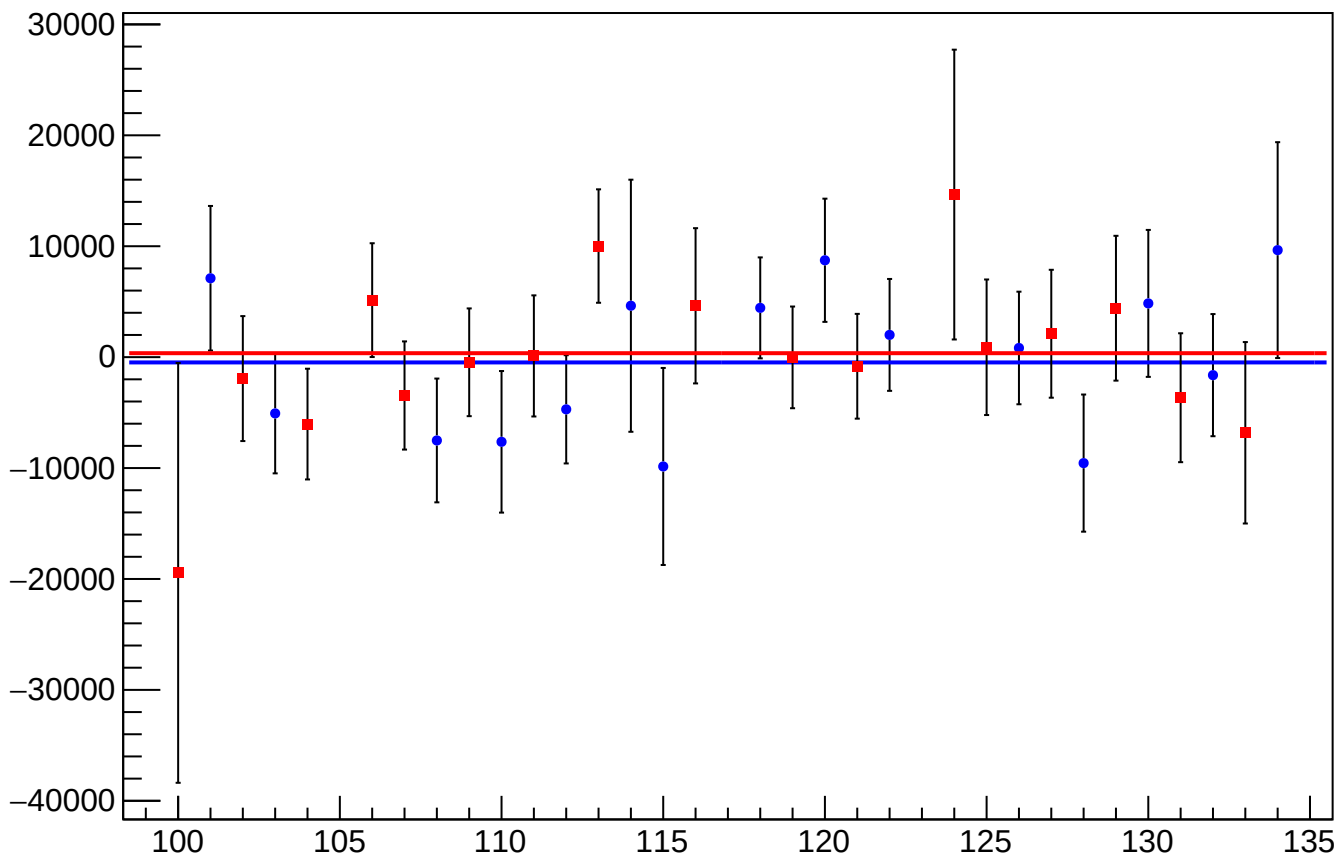
Right Out: 3149.762 $\pm$ 0.882 χ^2 /NDF: 741142.7/16

All: 3301.182 $\pm$ 0.661 χ^2 /NDF: 1180375.0/31

- 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_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: 356.476+/-1397.238 χ^2/NDF : 11.4/16

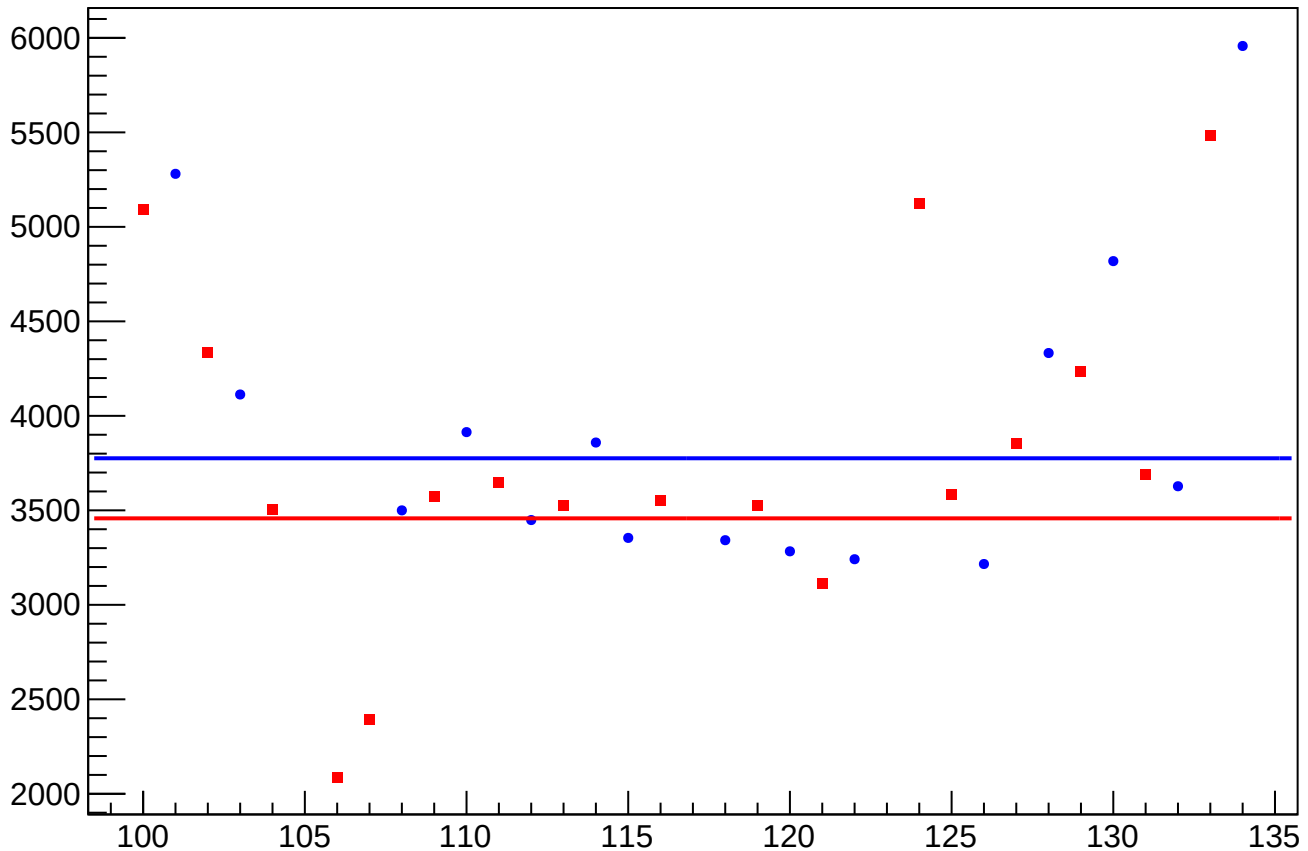
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.889+/-1031.208 χ^2/NDF : 26.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3775.485 $\pm$ 1.081 χ^2 /NDF: 382252.5/14

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

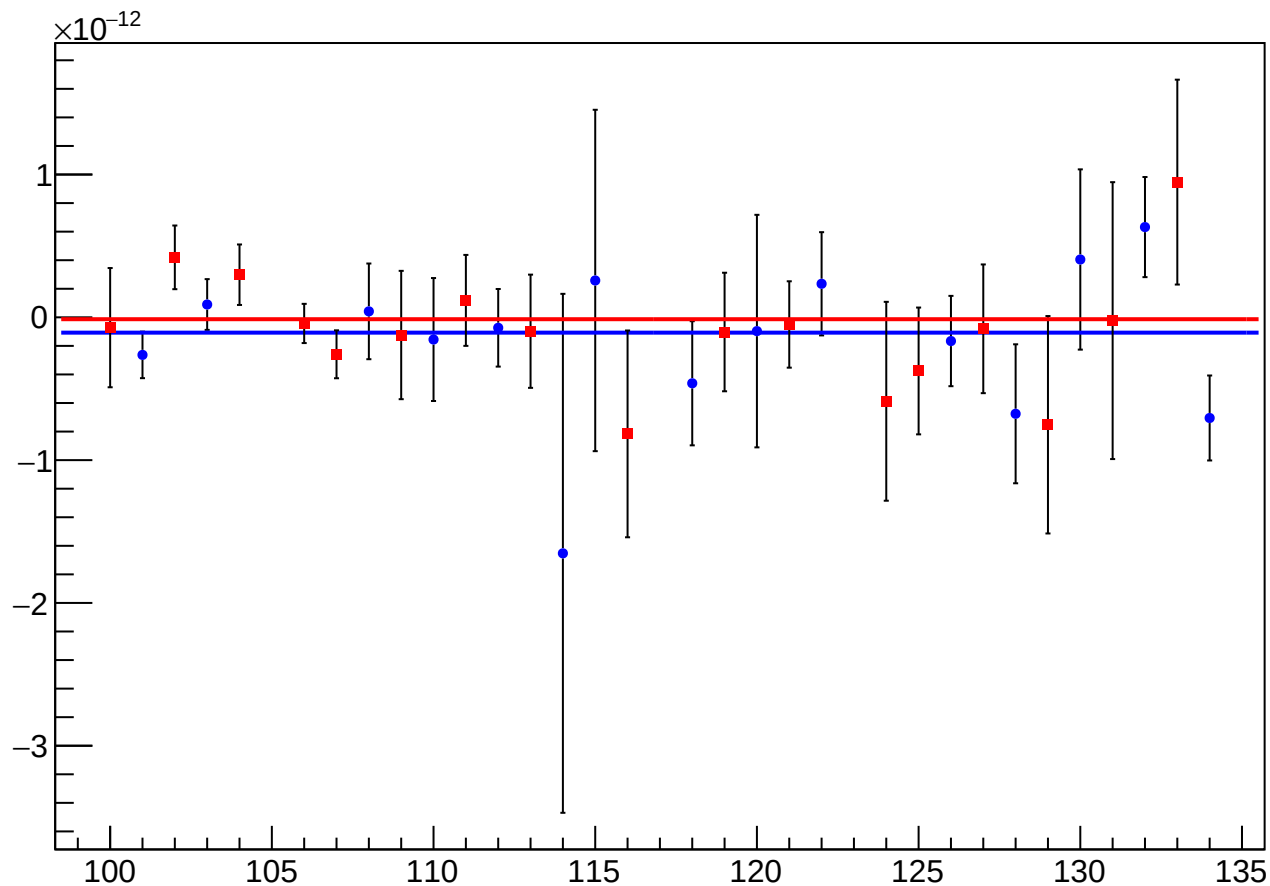
Right Out: 3457.587 $\pm$ 0.973 χ^2 /NDF: 572805.3/16

All: 3599.969 $\pm$ 0.723 χ^2 /NDF: 1002838.6/31

- 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_atl_dd_atr_dd_avg_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 : 13.8/16

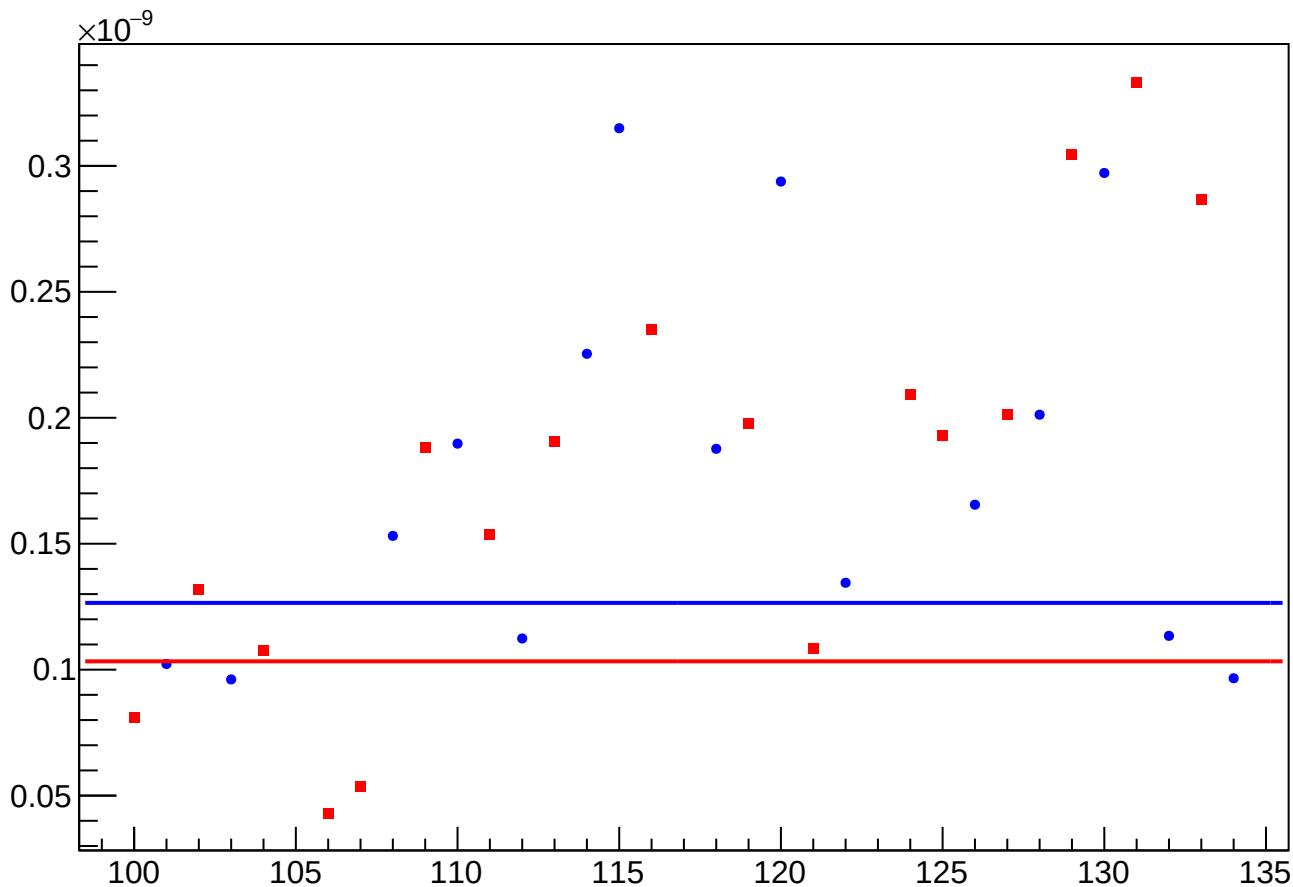
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 29.9/31

- sign 0.000 ± 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 $\pm$ 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: 1596591.4/16

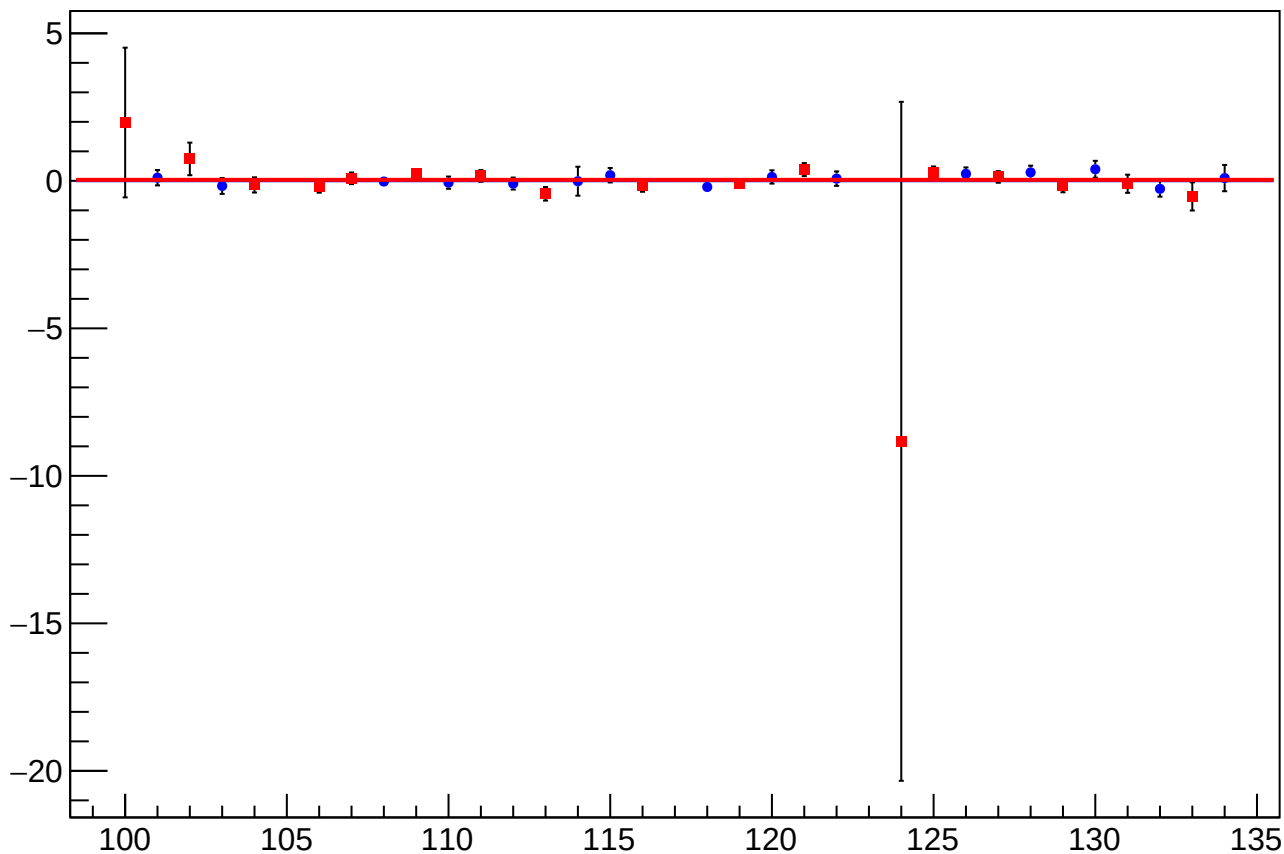
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2278499.3/31

- sign 0.000 $\pm$ 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: 0.034 $\pm$ 0.056 χ^2 /NDF: 19.6/16

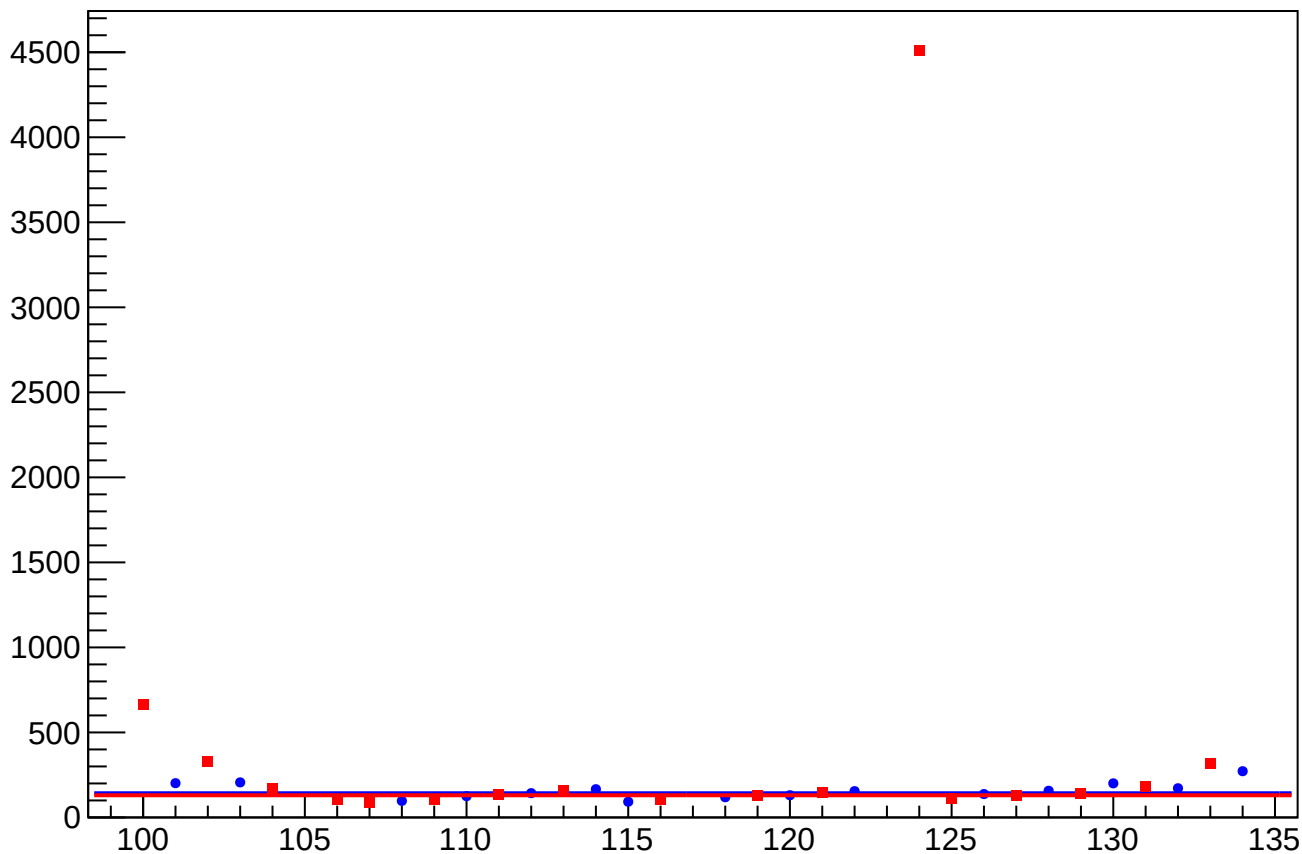
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.028 $\pm$ 0.041 χ^2 /NDF: 28.8/31

- 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: 130.506+/-0.039 χ^2/NDF : 1302037.0/16

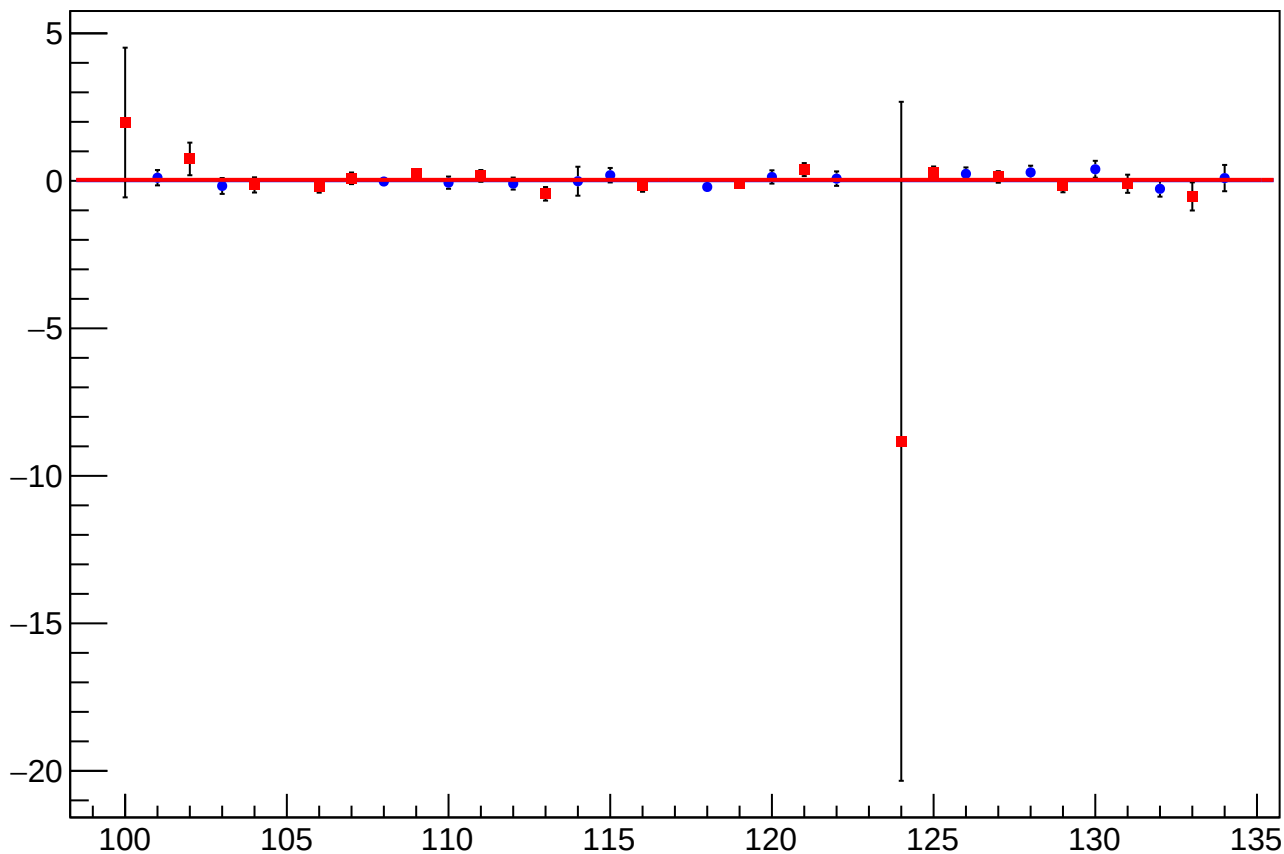
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.993+/-0.029 χ^2/NDF : 2153902.1/31

- 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 $\pm$ 0.060 χ^2 /NDF: 9.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.034 $\pm$ 0.056 χ^2 /NDF: 19.6/16

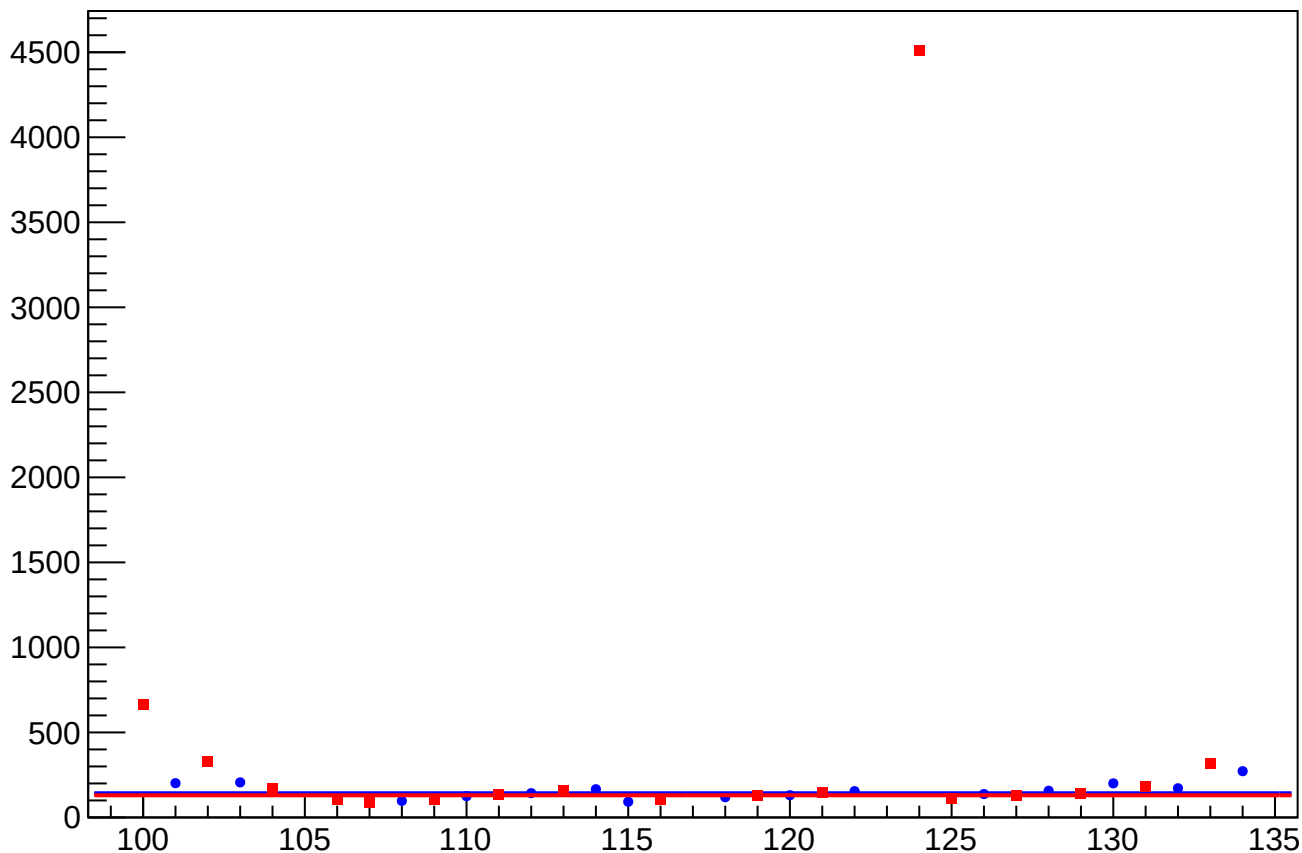
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.028 $\pm$ 0.041 χ^2 /NDF: 28.8/31

- sign 0.000 $\pm$ 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

Right Out: 130.506+/-0.039 χ^2/NDF : 1302037.0/16

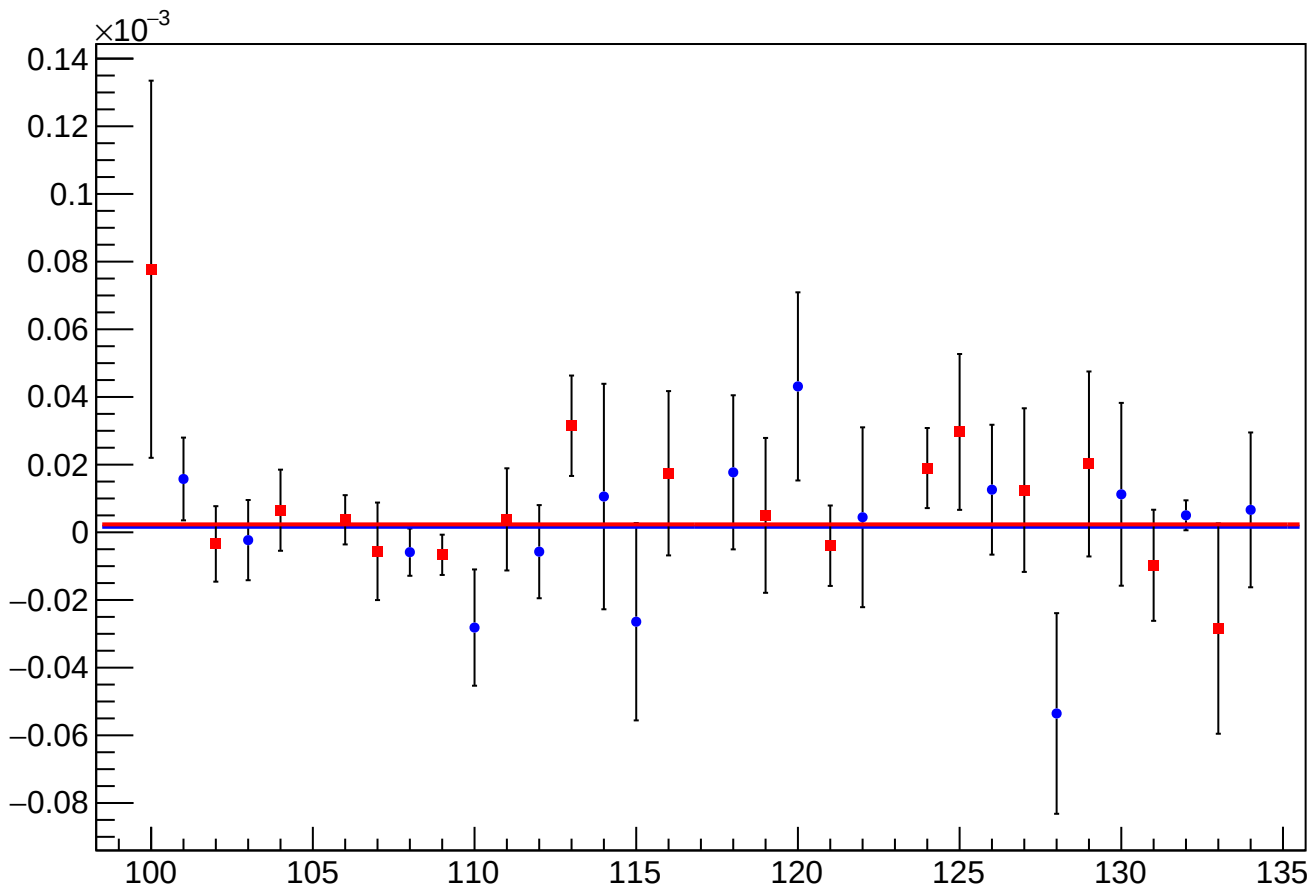
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.993+/-0.029 χ^2/NDF : 2153902.1/31

- sign 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+/-0.000 χ^2/NDF : 14.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.9/16

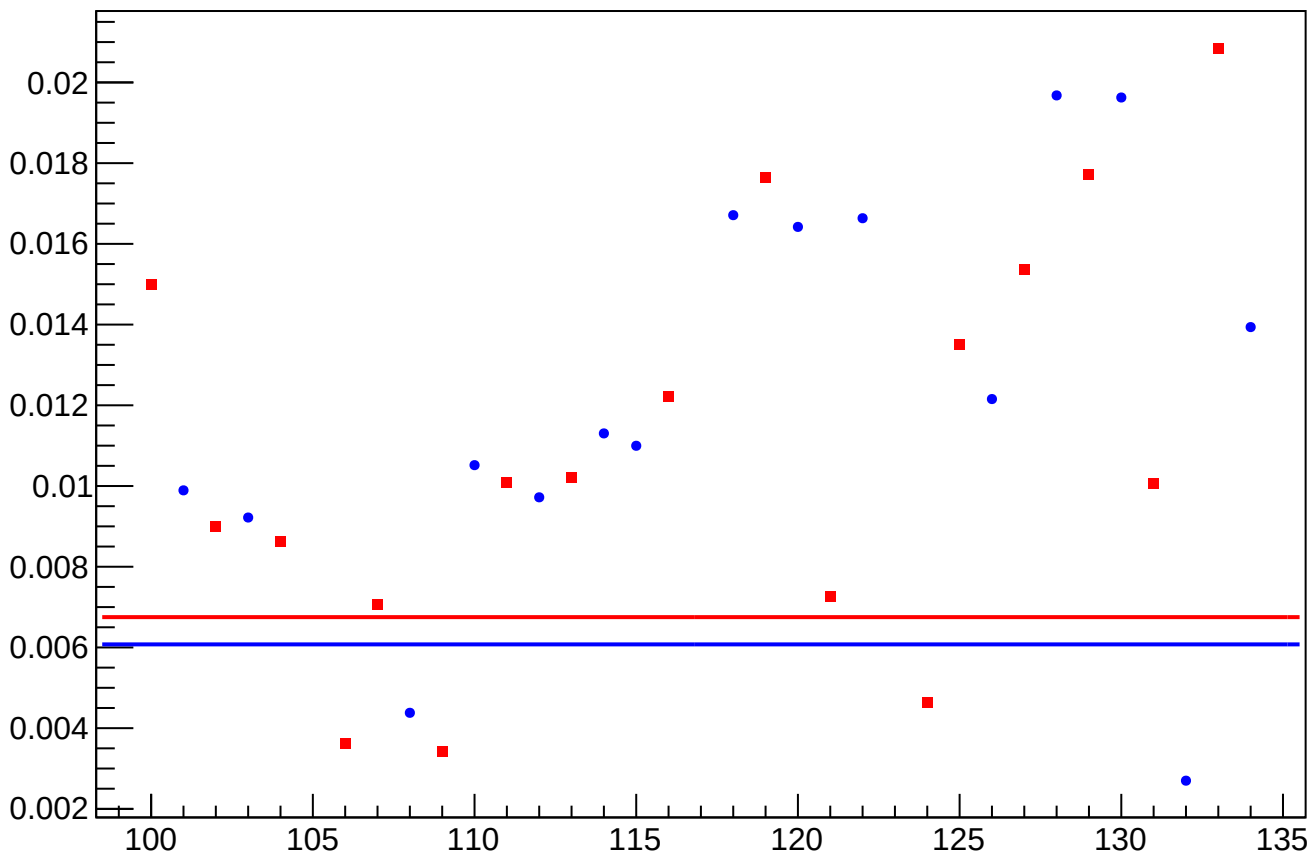
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.1/31

- sign 0.000+/-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 : 3236557.9/16

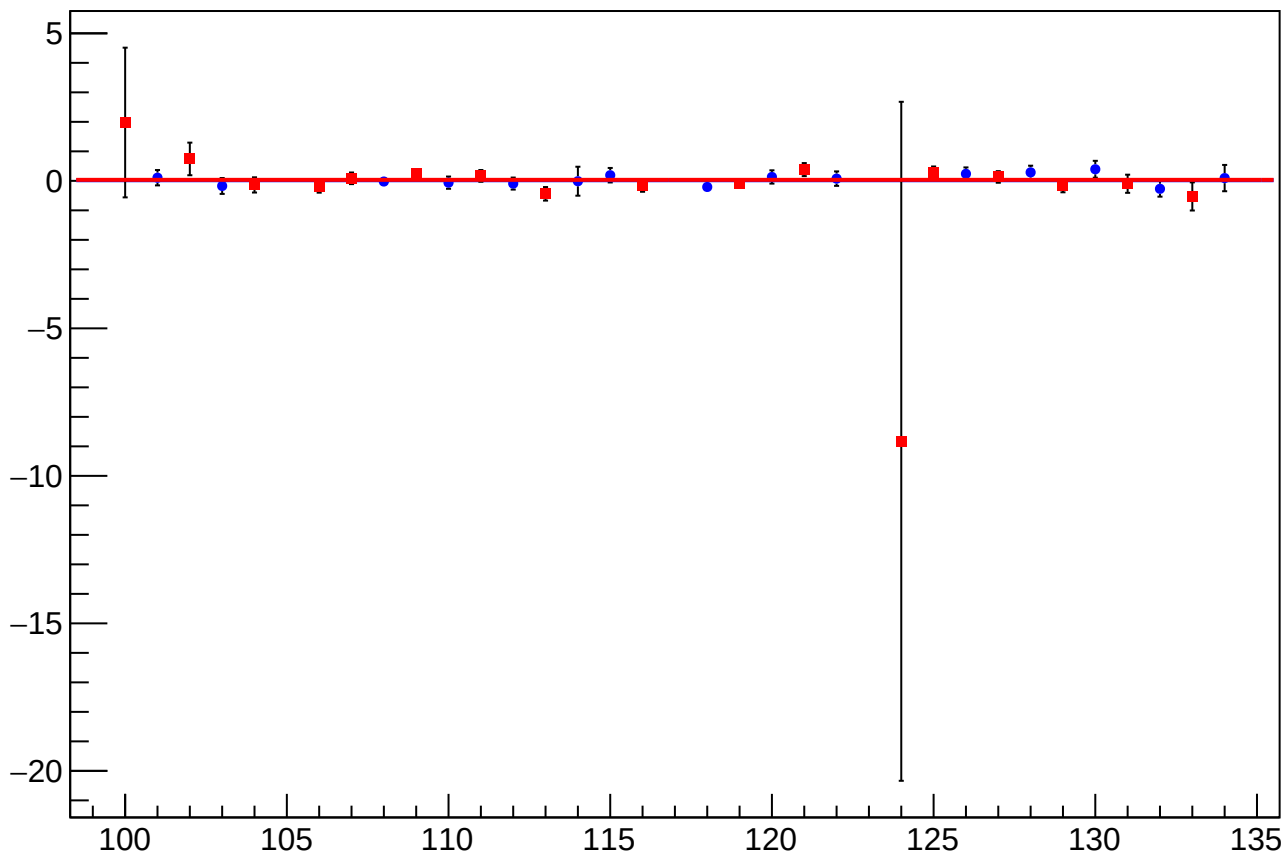
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 7671629.5/31

- 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: 0.034 $\pm$ 0.056 χ^2 /NDF: 19.6/16

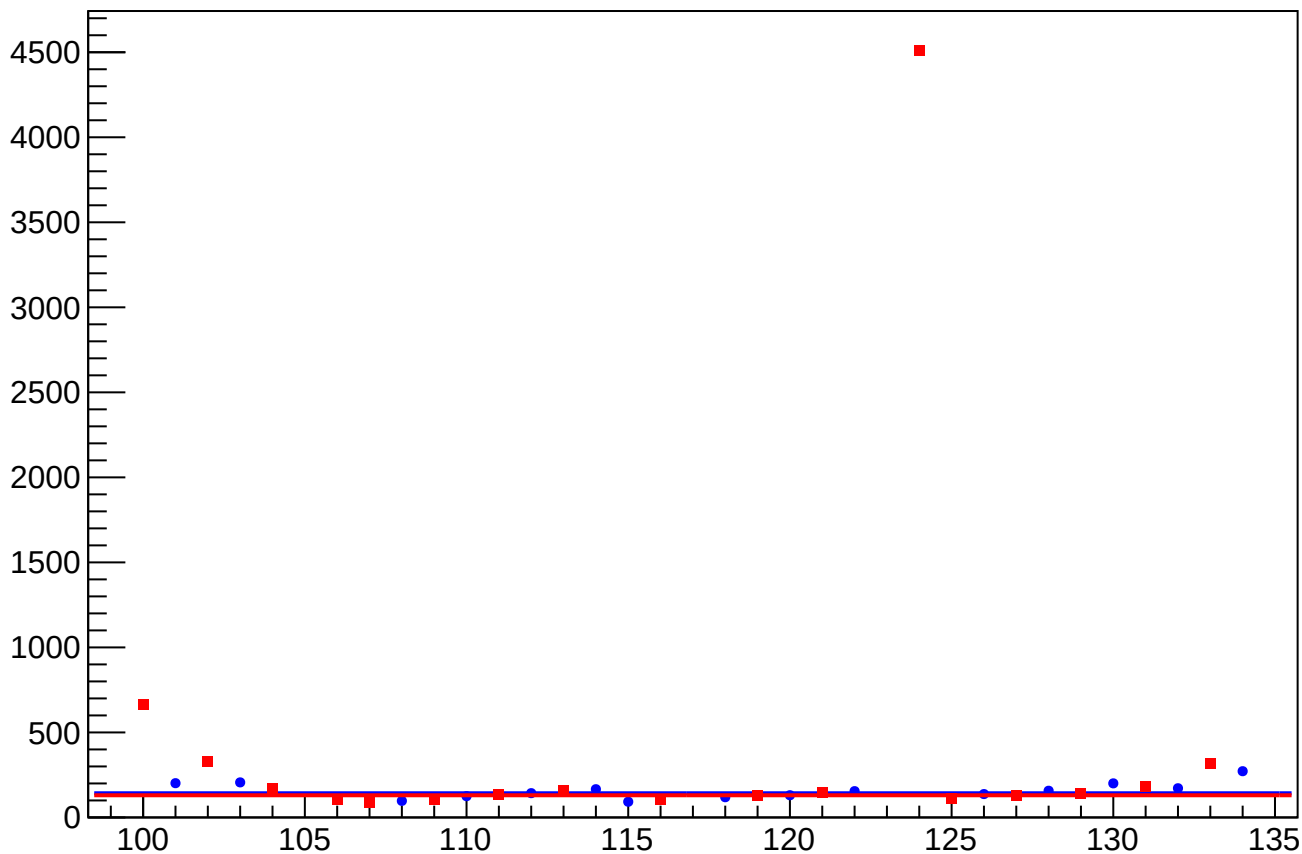
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.028 $\pm$ 0.041 χ^2 /NDF: 28.8/31

- 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: 130.507+/-0.039 χ^2/NDF : 1301957.4/16

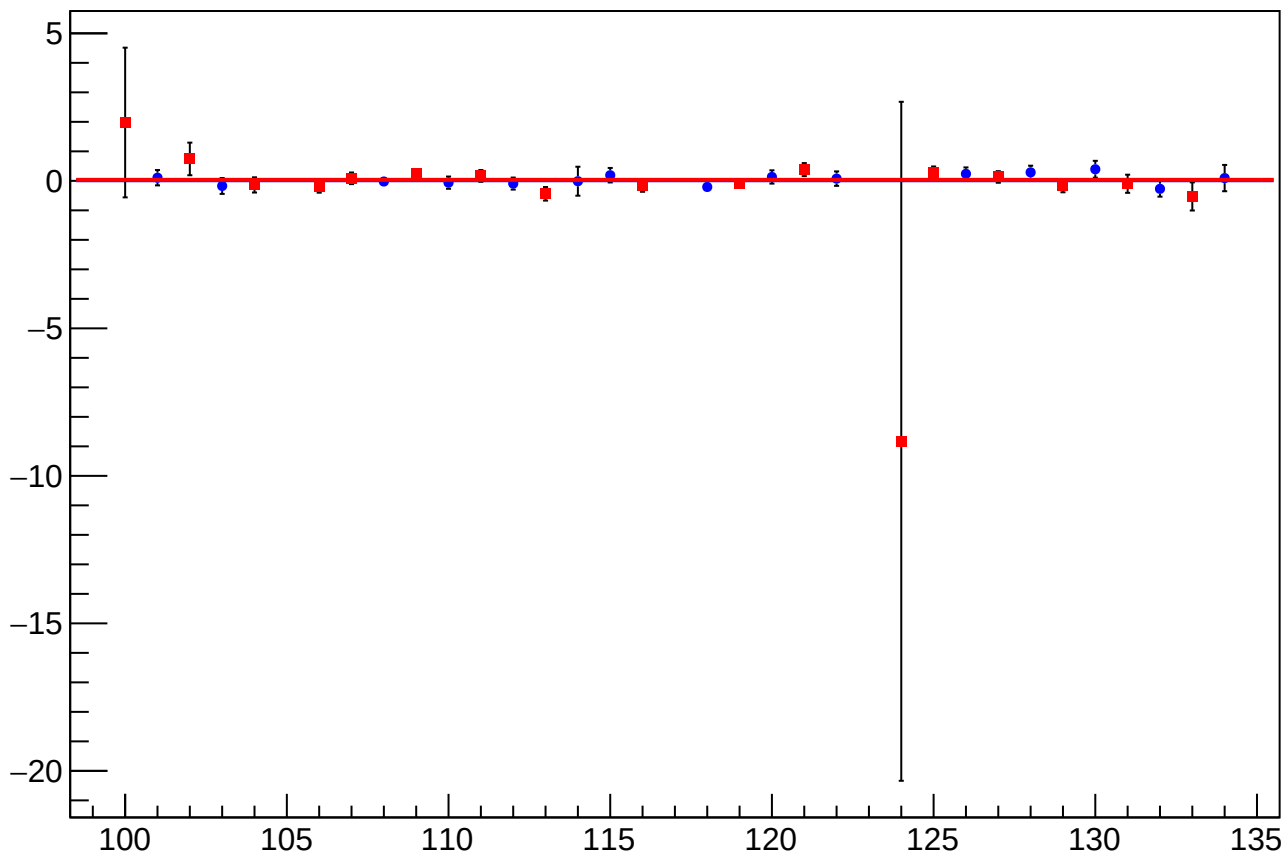
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.994+/-0.029 χ^2/NDF : 2153742.3/31

- 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: 0.034 $\pm$ 0.056 χ^2 /NDF: 19.6/16

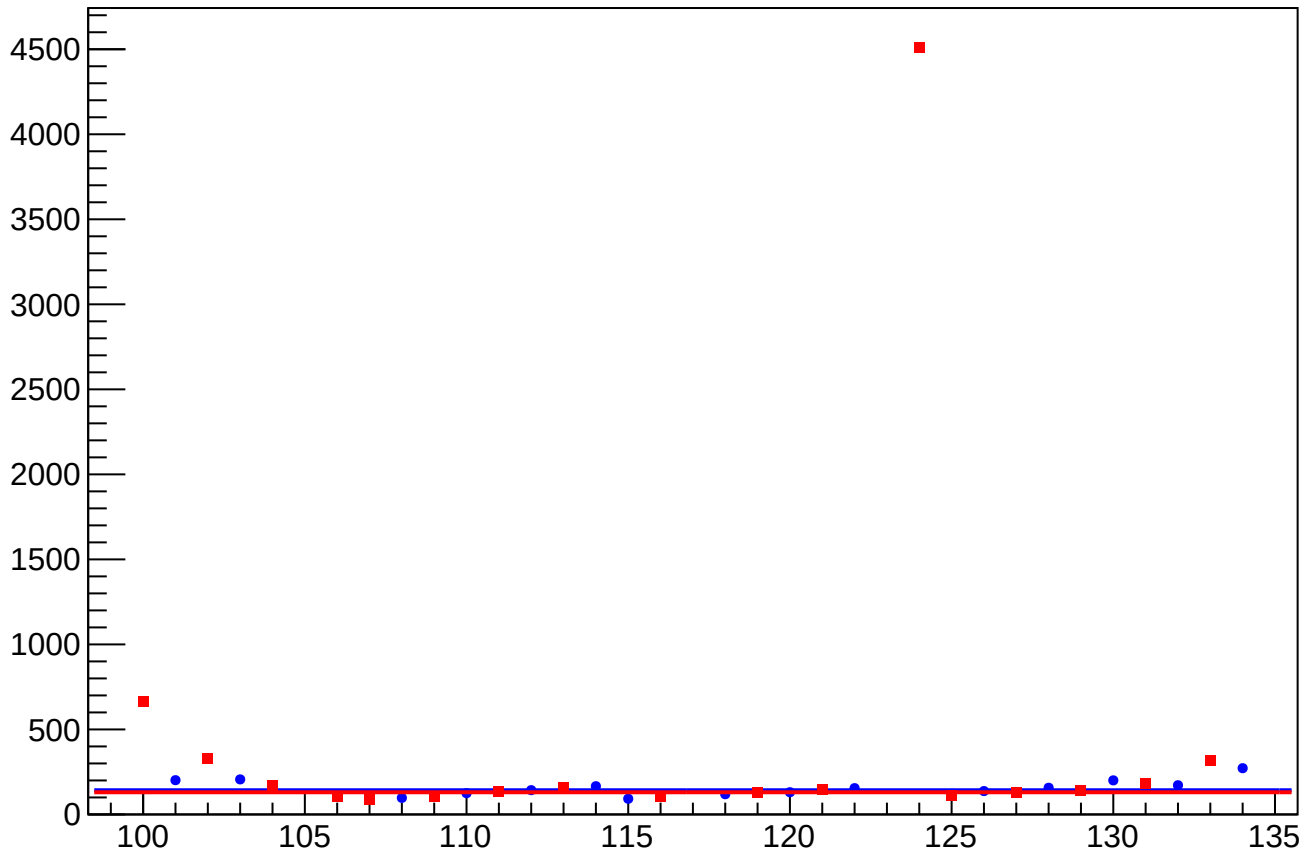
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.028 $\pm$ 0.041 χ^2 /NDF: 28.8/31

- 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: 130.507+/-0.039 χ^2/NDF : 1301957.4/16

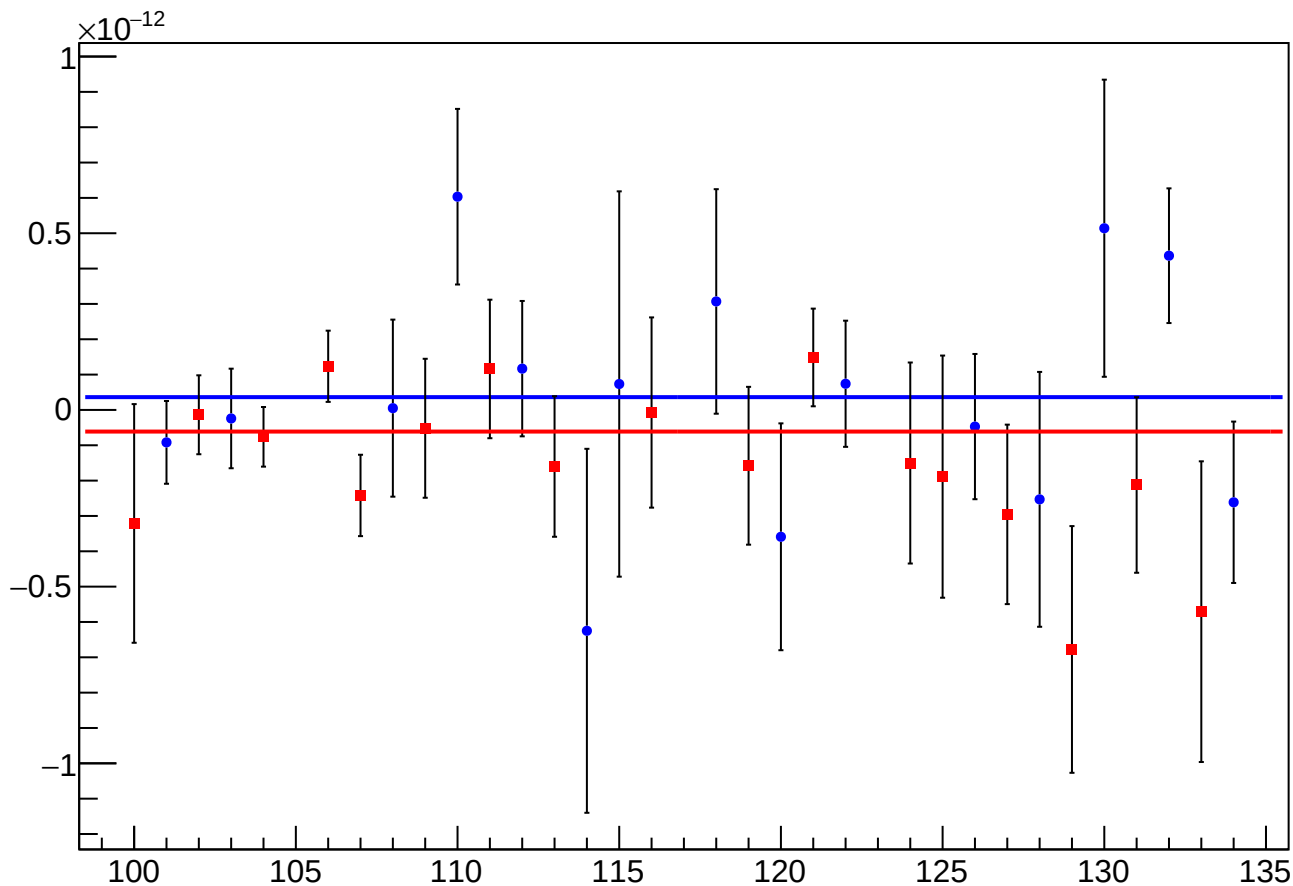
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.994+/-0.029 χ^2/NDF : 2153742.3/31

- 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 : 16.2/16

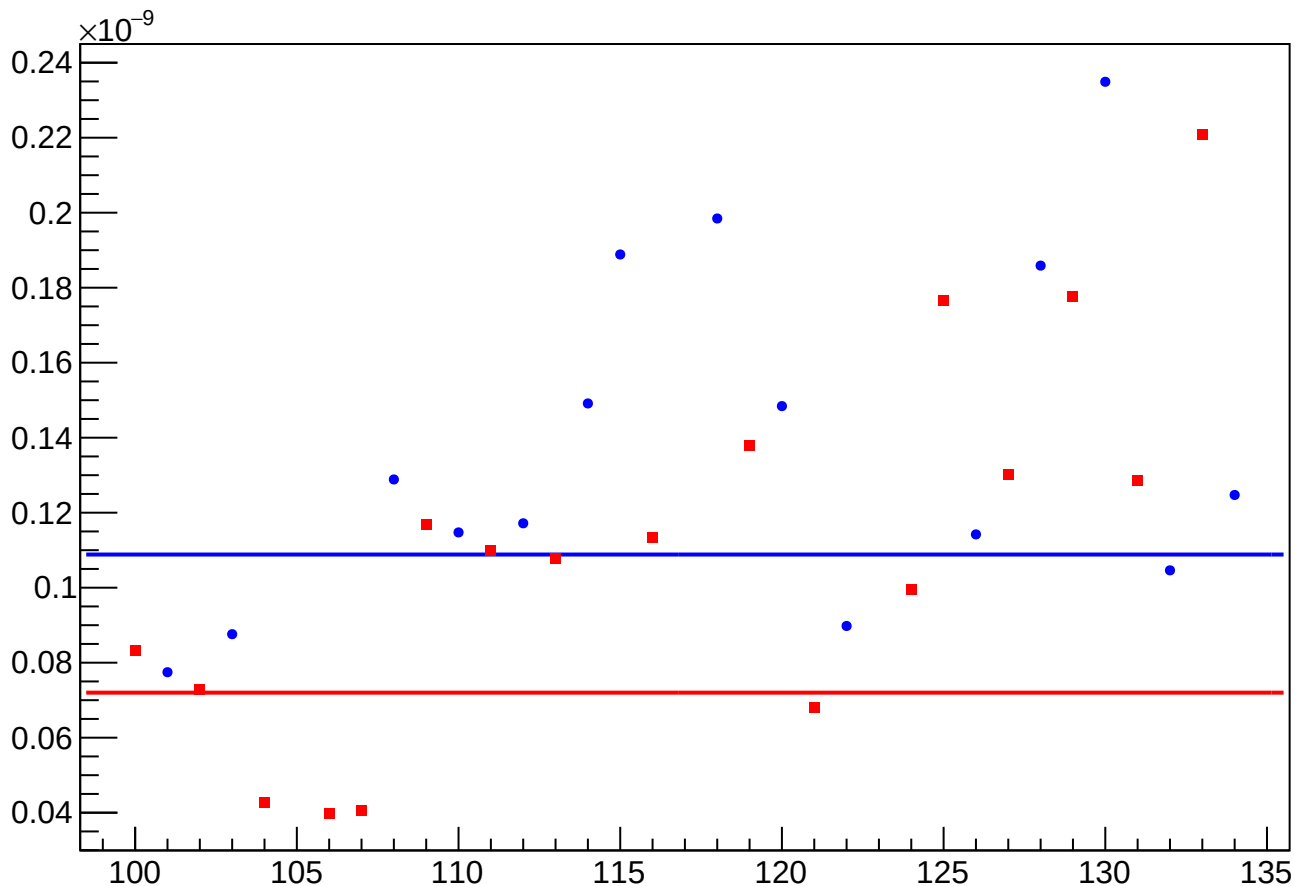
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 37.2/31

- 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: 1902273.2/16

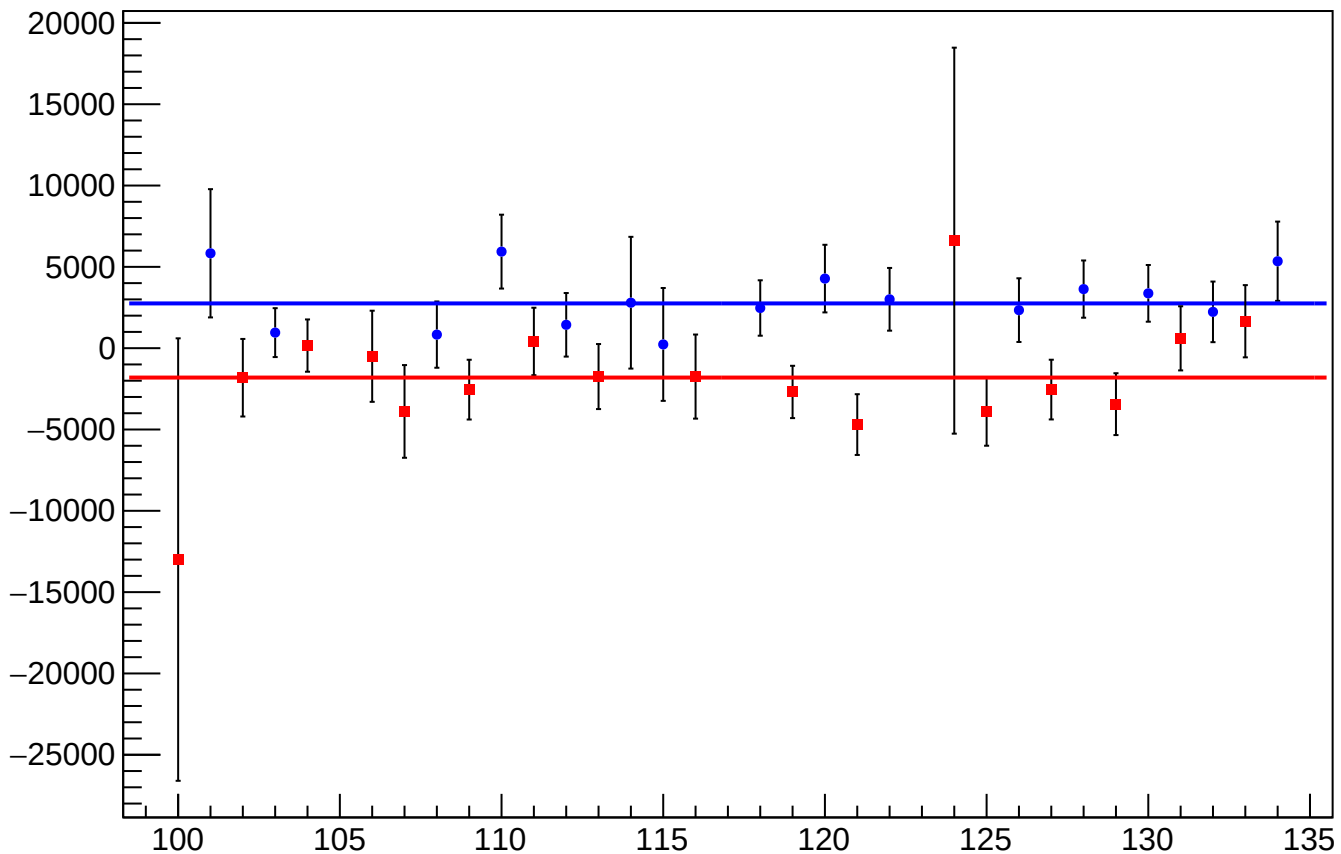
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3242034.0/31

- 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: -1806.616+/-520.825 χ^2/NDF : 13.2/16

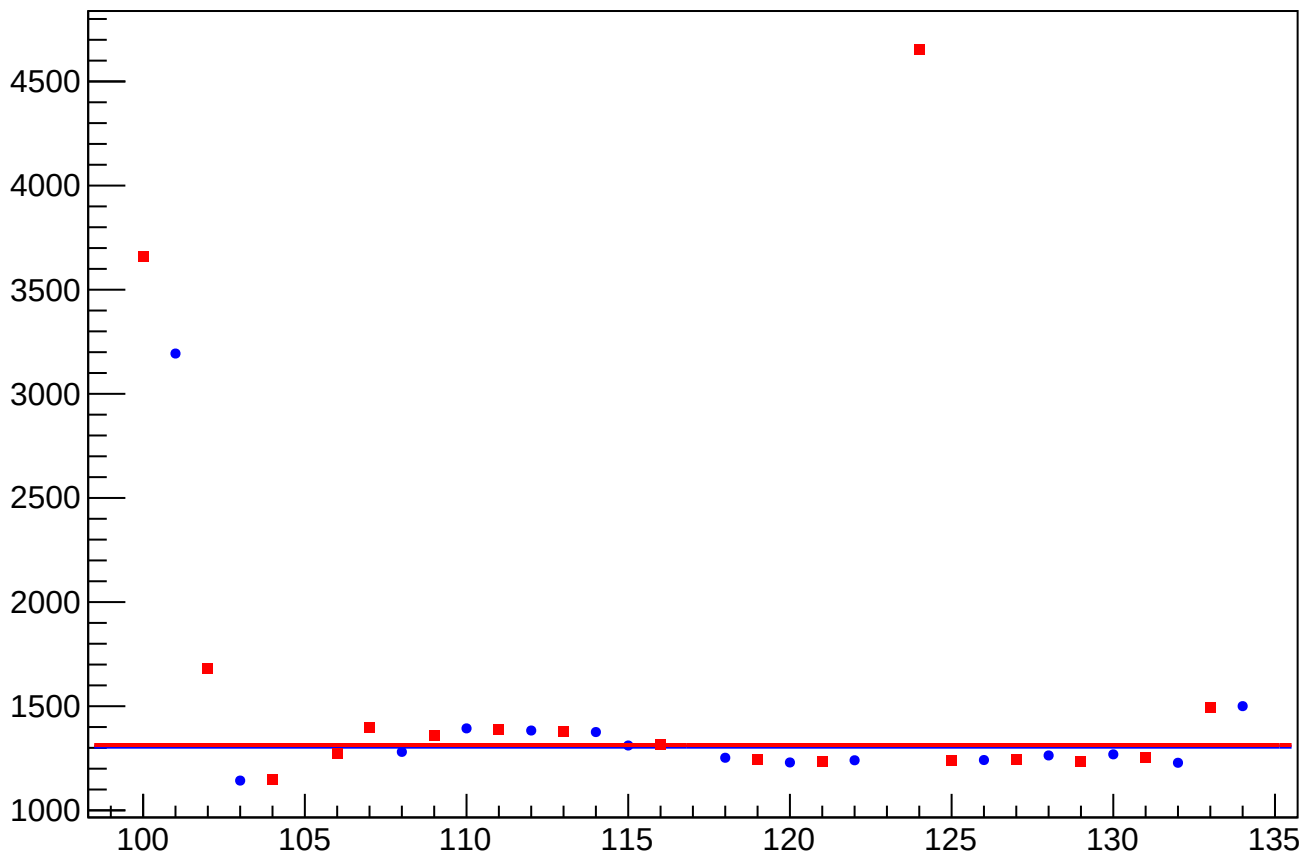
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 433.386+/-371.453 χ^2/NDF : 59.0/31

- 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

Right Out: 1313.759+/-0.367 χ^2/NDF : 325903.2/16

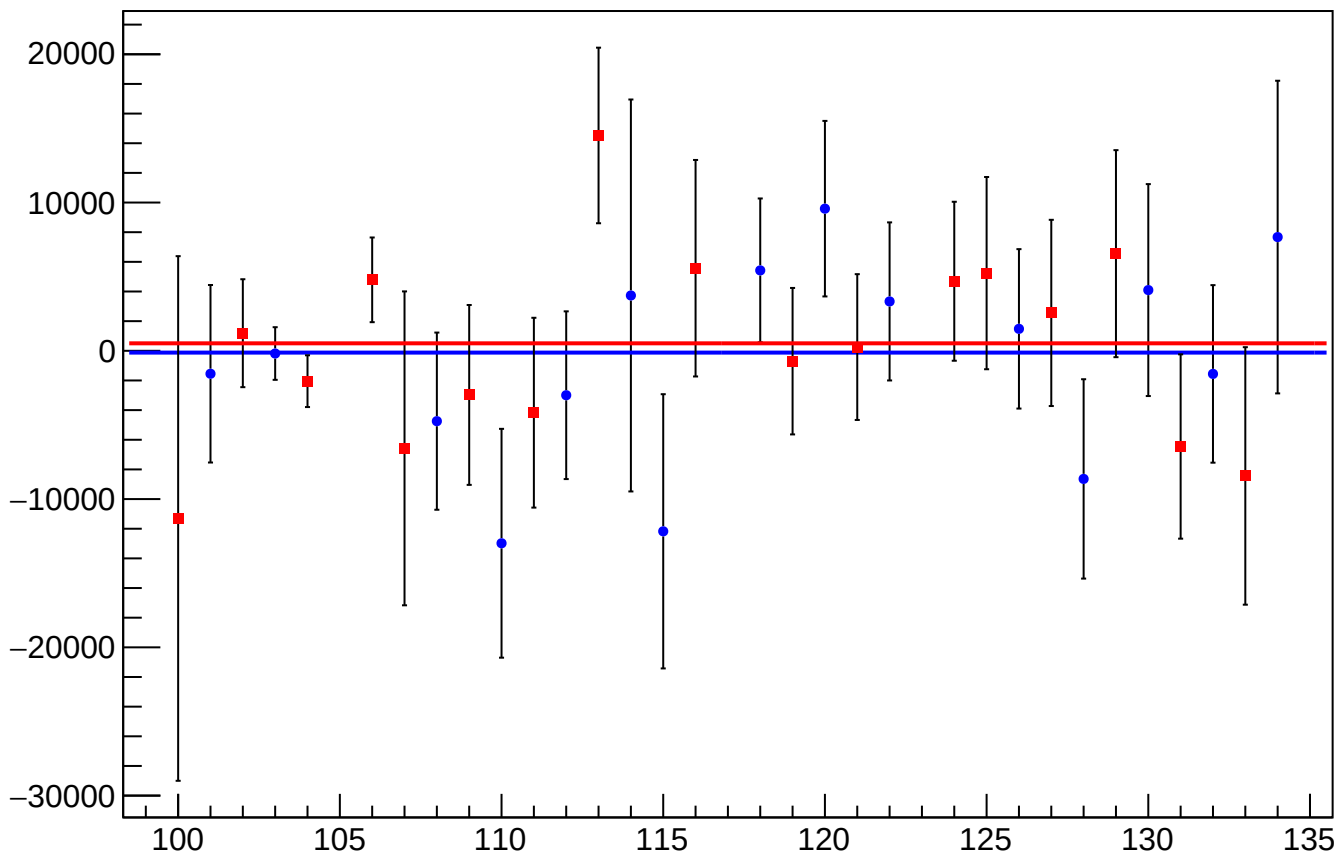
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1309.826+/-0.262 χ^2/NDF : 842285.4/31

- sign 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: 505.082+/-1076.452 χ^2/NDF : 16.6/16

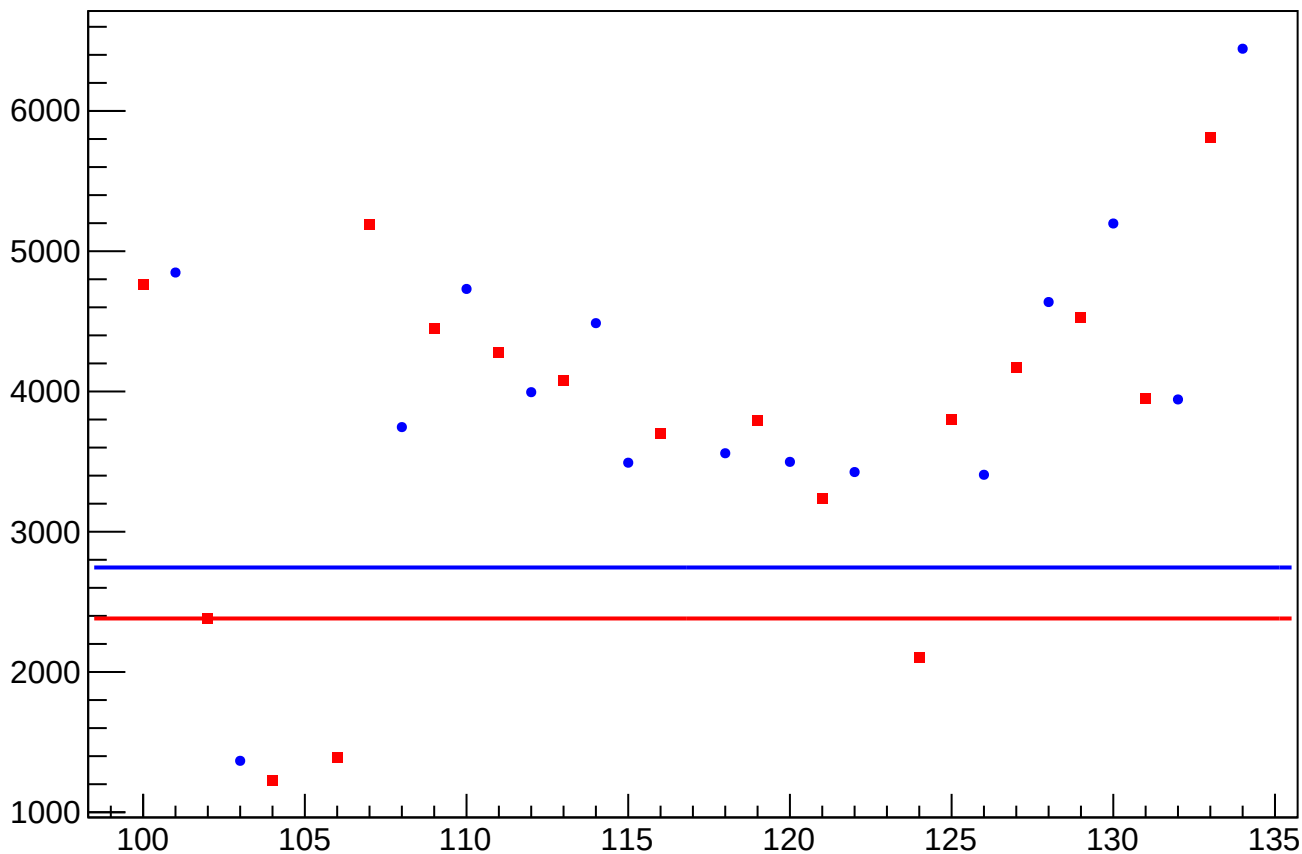
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.313+/-810.816 χ^2/NDF : 29.3/31

- 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

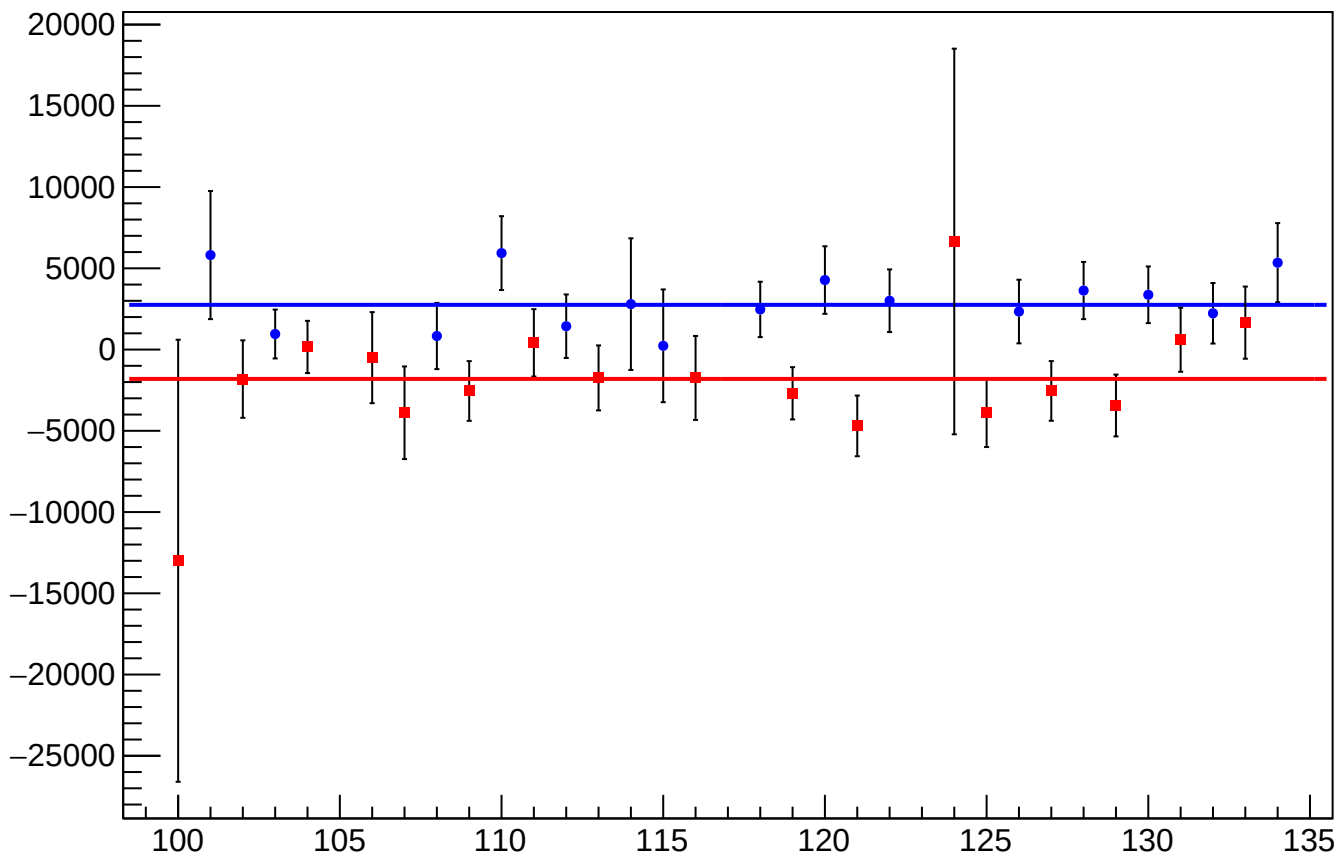
Right Out: 2381.530+/-0.761 χ^2/NDF : 3047974.1/16

All: 2538.854+/-0.573 χ^2/NDF : 5805009.4/31

- 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_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: -1806.310 $\pm$ 520.825 χ^2 /NDF: 13.3/16

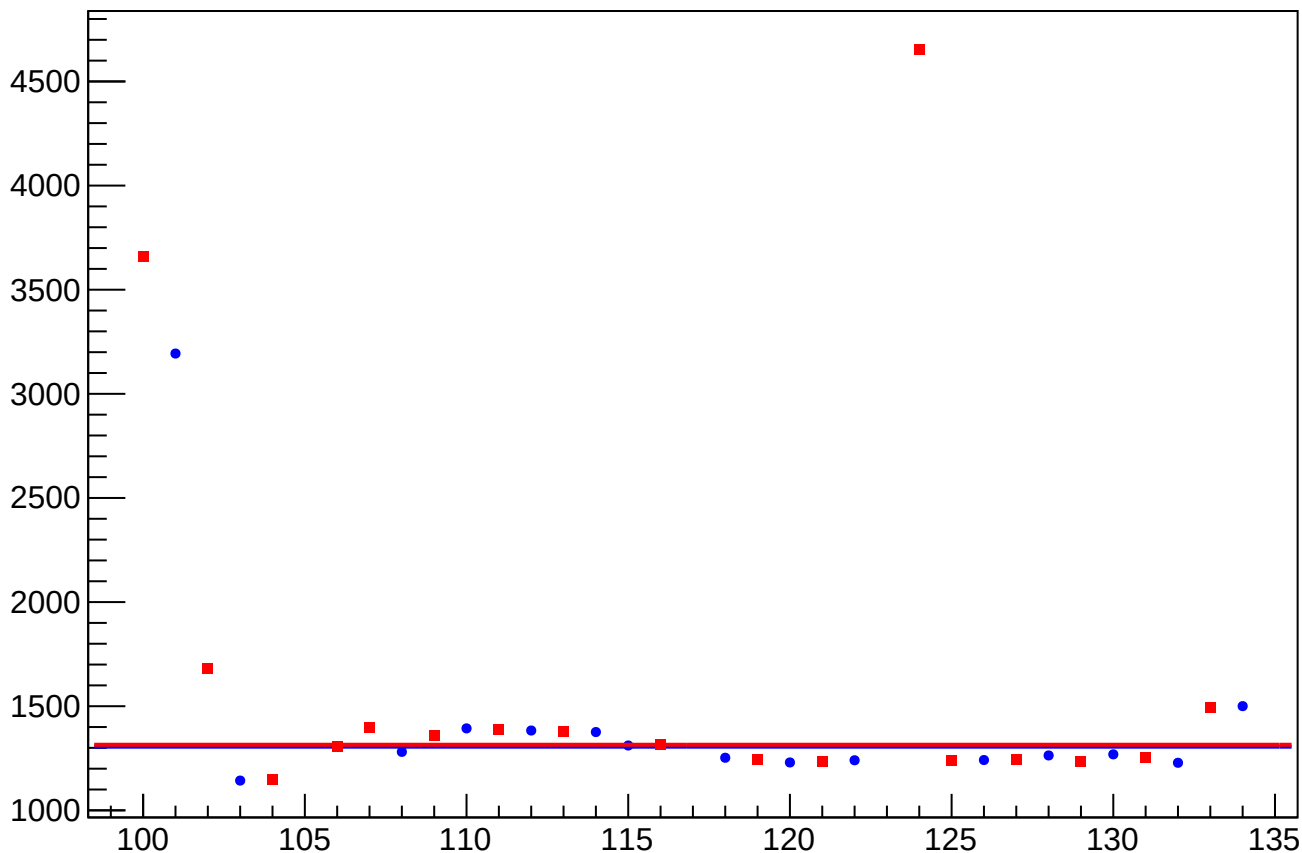
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 433.391 $\pm$ 371.453 χ^2 /NDF: 59.0/31

- 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

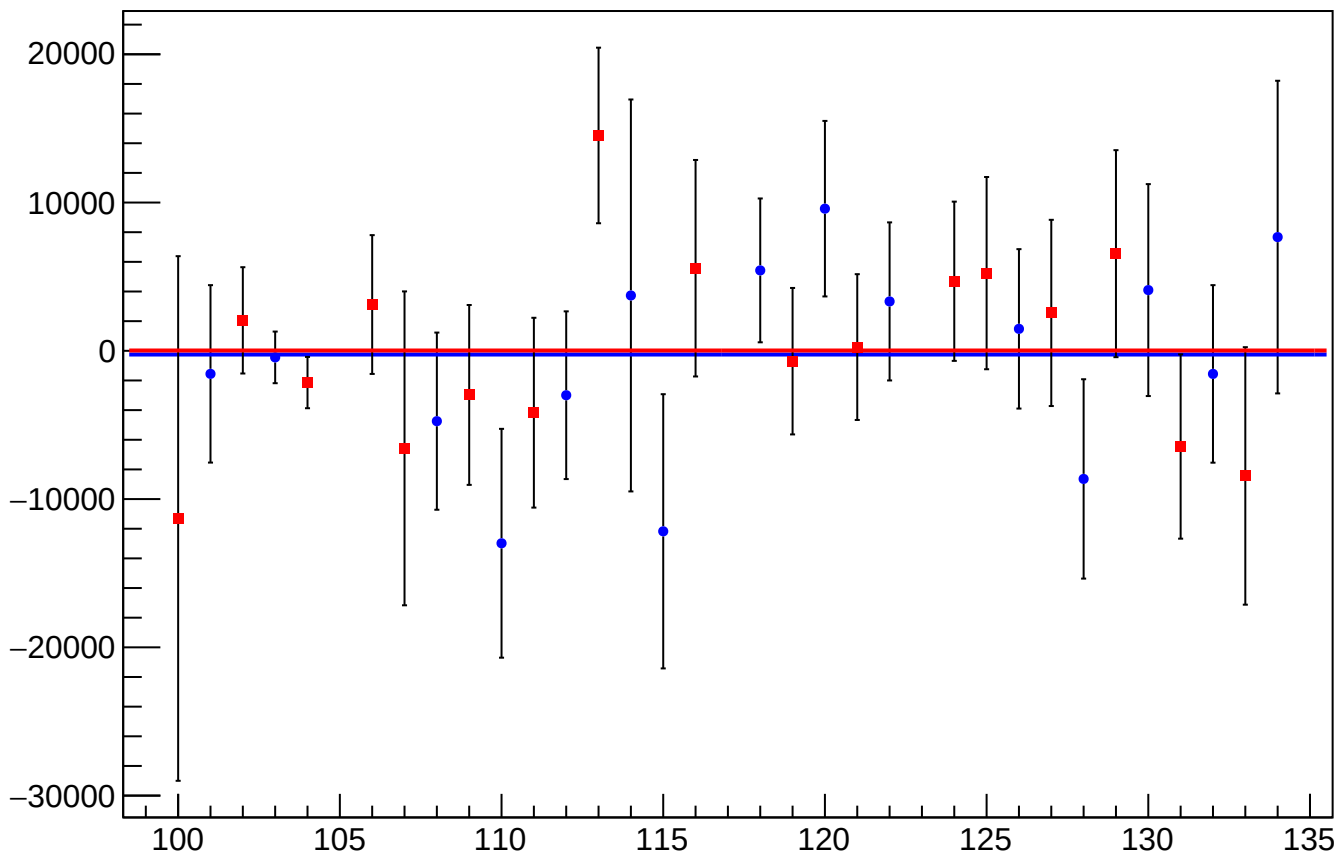
Right Out: 1315.006 $\pm$ 0.368 χ^2 /NDF: 325450.3/16

All: 1310.458 $\pm$ 0.262 χ^2 /NDF: 841912.2/31

- 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_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: 21.276+/-1121.944 χ^2/NDF : 14.9/16

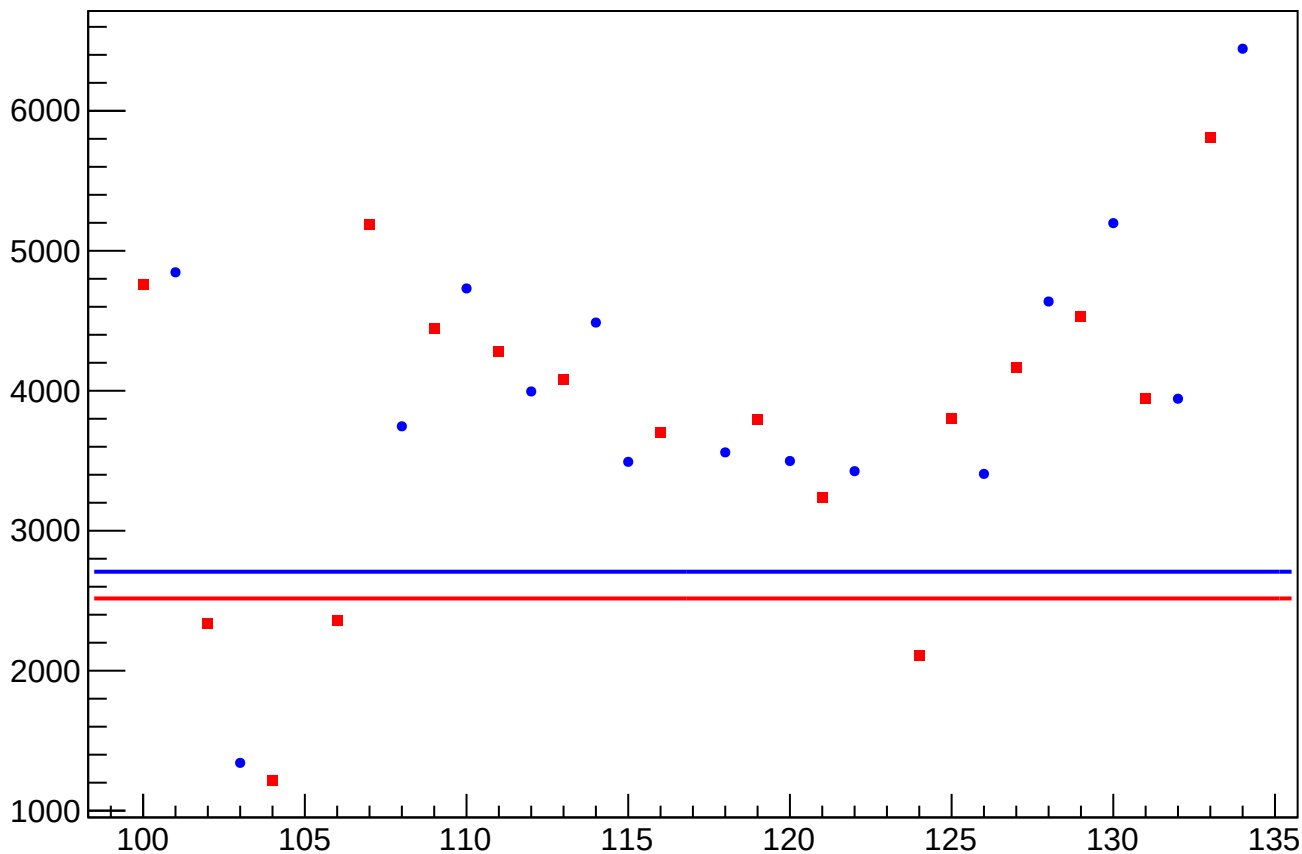
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -103.047+/-826.199 χ^2/NDF : 27.5/31

- 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

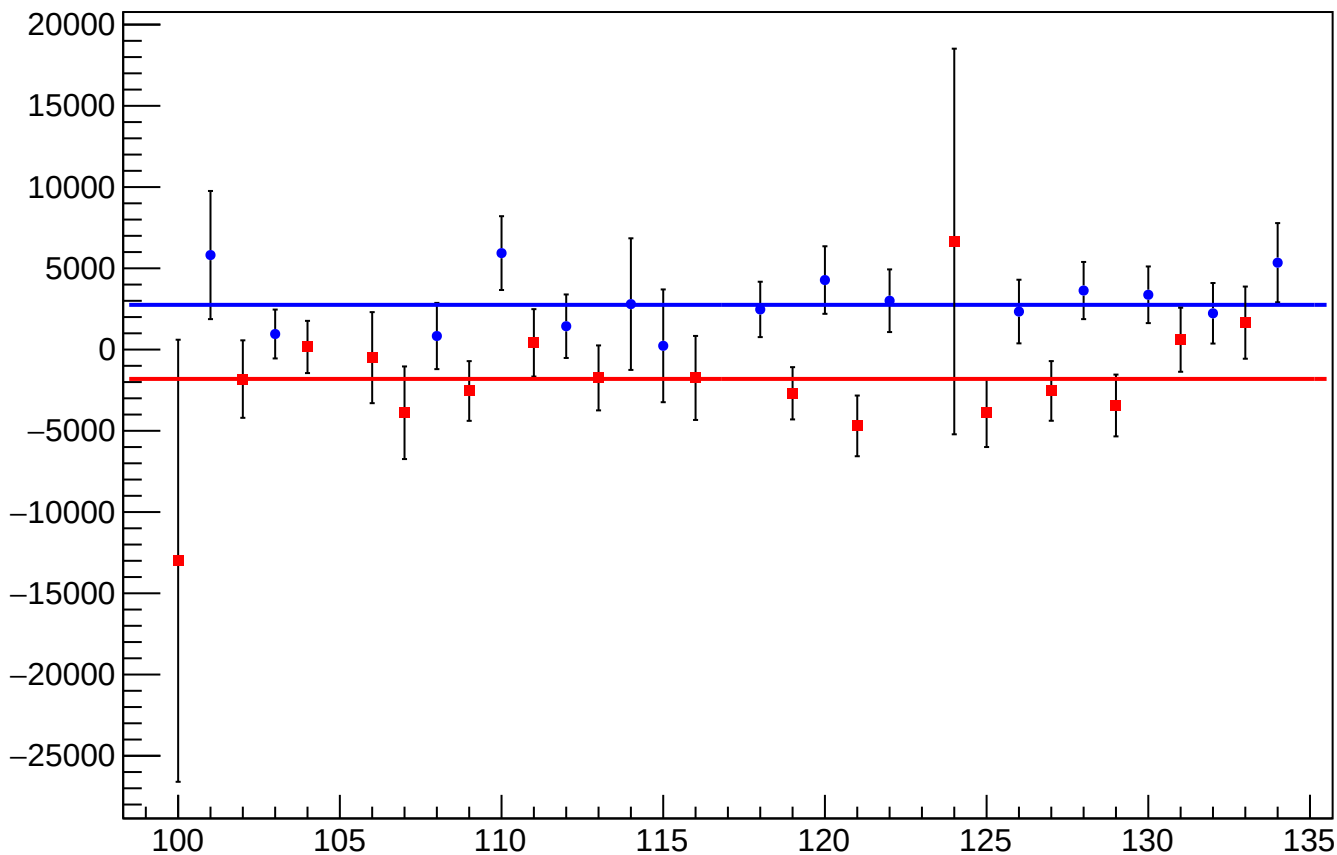
Right Out: 2516.232+/-0.793 χ^2/NDF : 2811110.8/16

All: 2603.629+/-0.584 χ^2/NDF : 5587331.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -1806.310 $\pm$ 520.825 χ^2 /NDF: 13.3/16

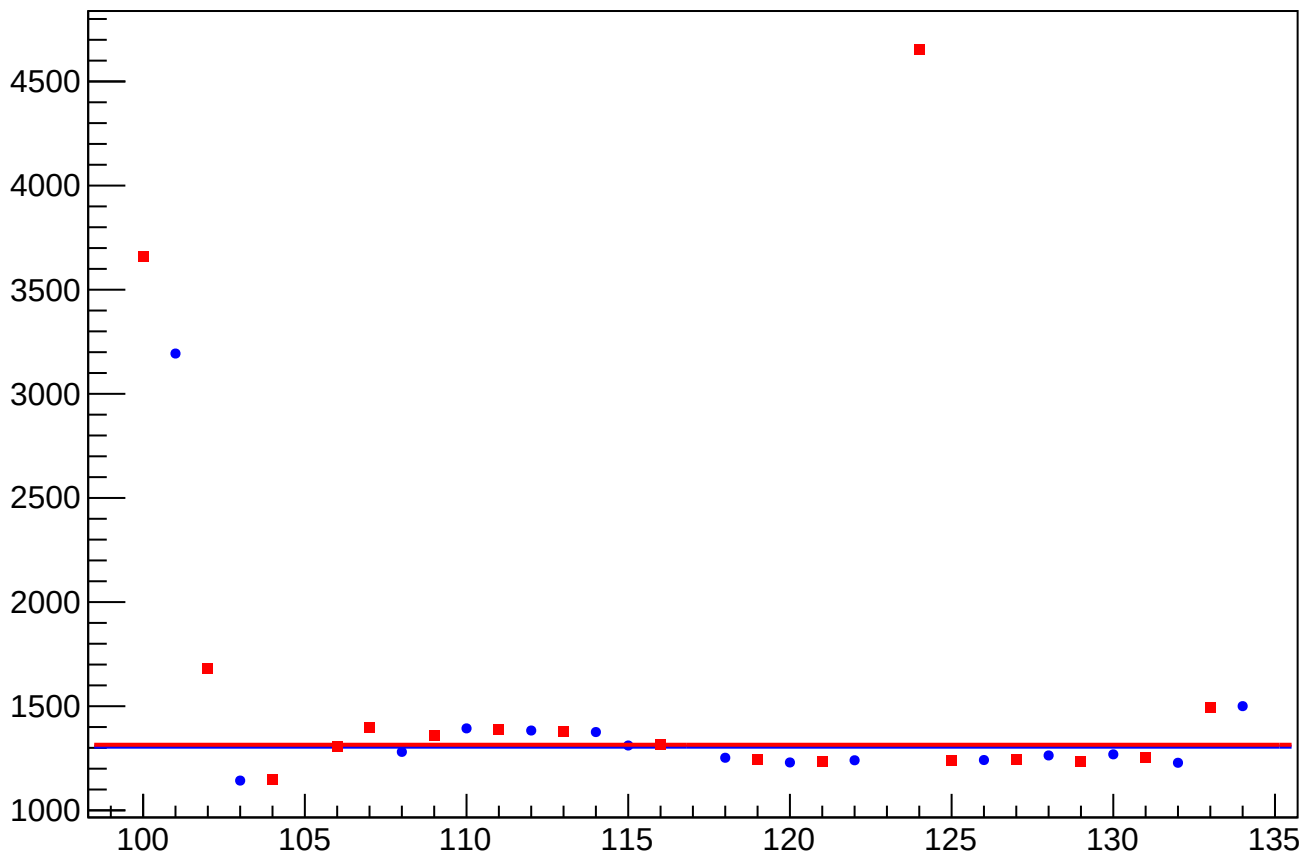
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 433.391 $\pm$ 371.453 χ^2 /NDF: 59.0/31

- 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

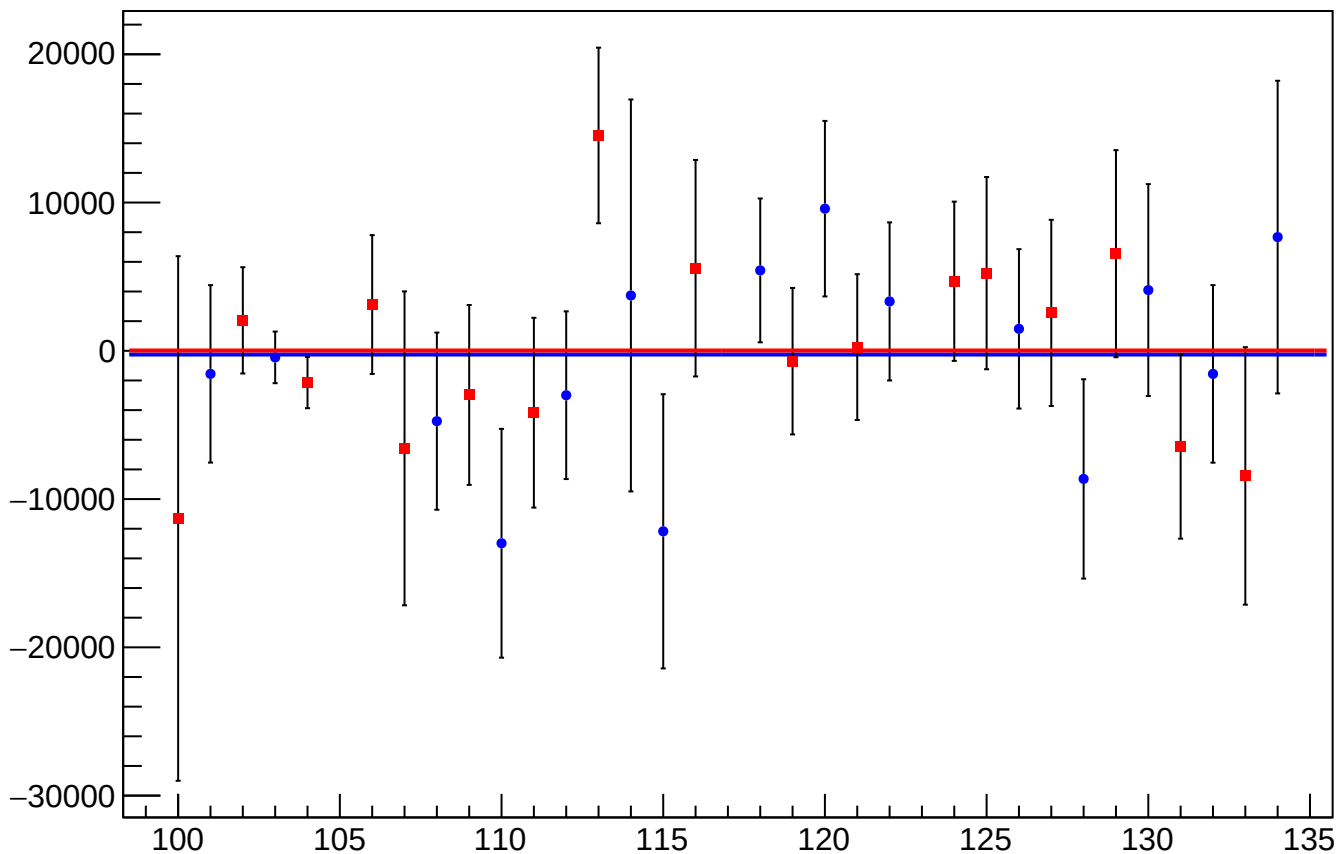
Right Out: 1315.006+/-0.368 χ^2/NDF : 325450.3/16

All: 1310.458+/-0.262 χ^2/NDF : 841912.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_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: 21.276+/-1121.944 χ^2/NDF : 14.9/16

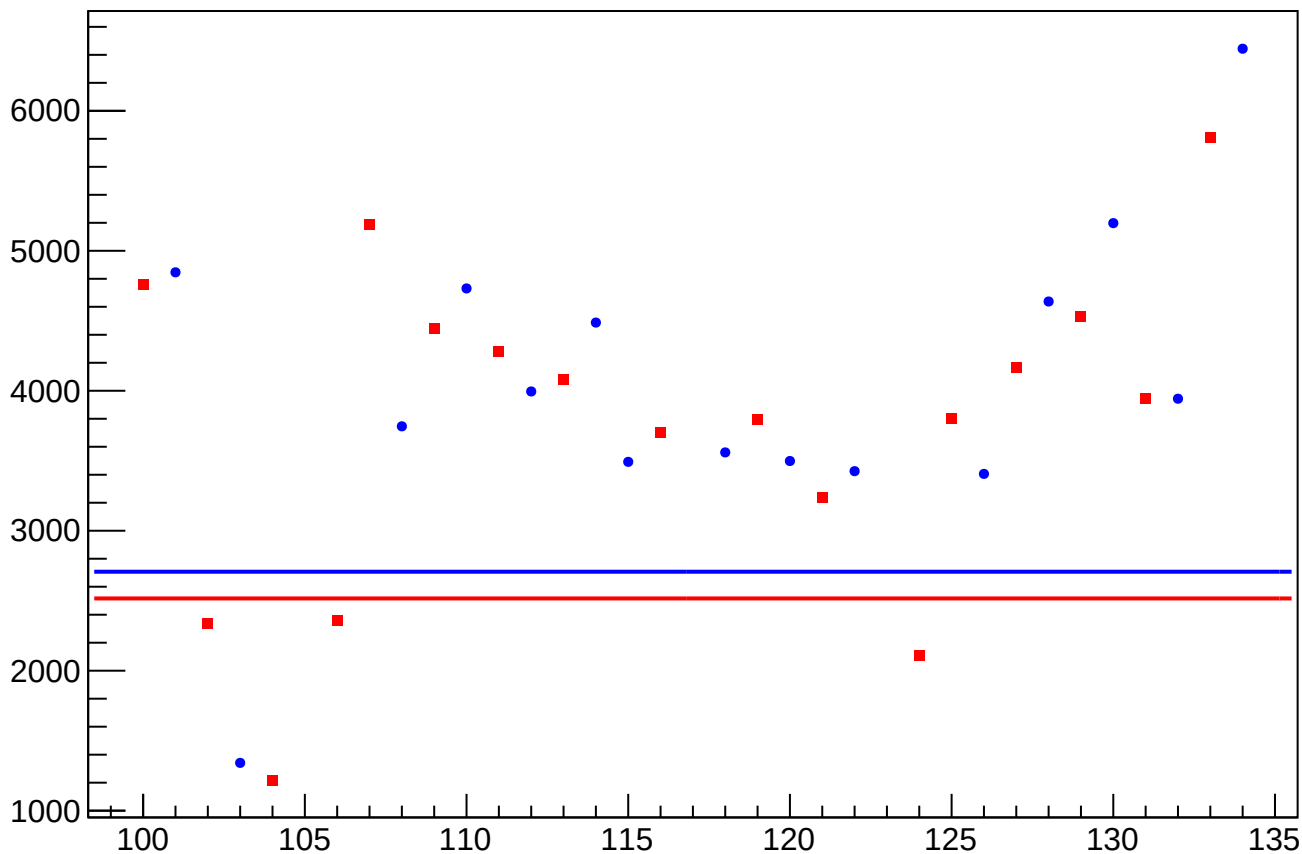
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -103.047+/-826.199 χ^2/NDF : 27.5/31

- 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

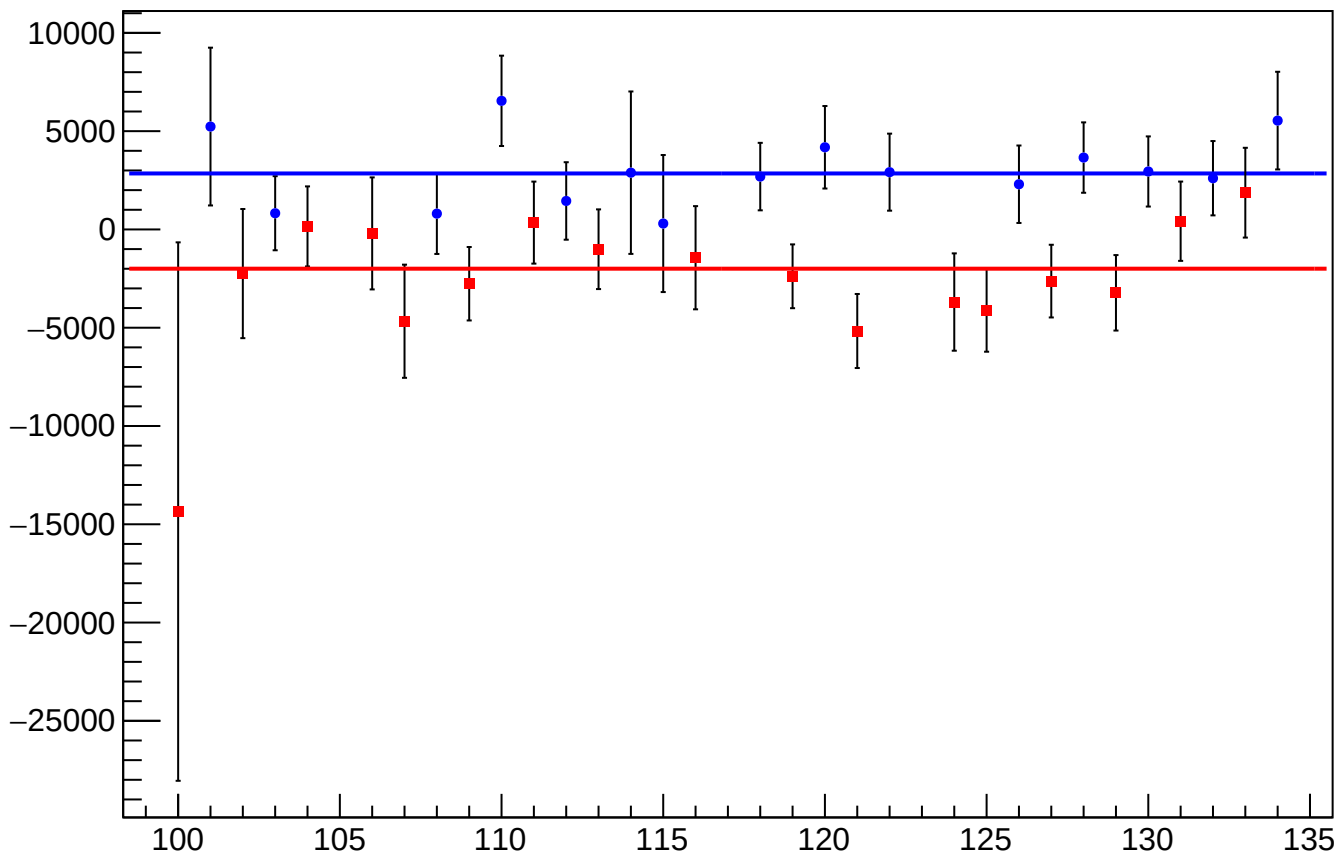
Right Out: 2516.232+/-0.793 χ^2/NDF : 2811110.8/16

All: 2603.629+/-0.584 χ^2/NDF : 5587331.9/31

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 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: -1996.908 $\pm$ 531.788 χ^2/NDF : 14.1/16

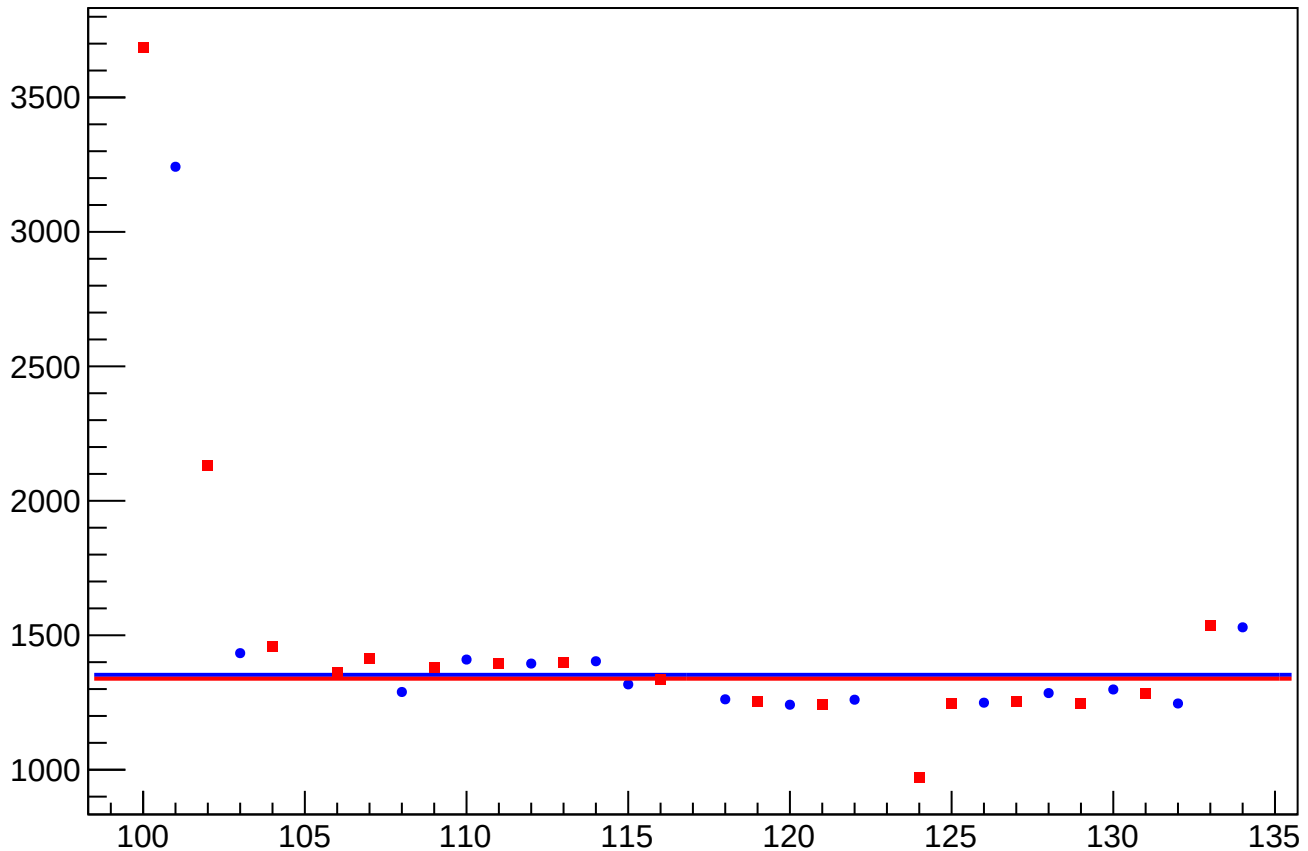
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 349.626 $\pm$ 381.883 χ^2/NDF : 62.3/31

- 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: 1338.542+/-0.376 χ^2/NDF : 271670.1/16

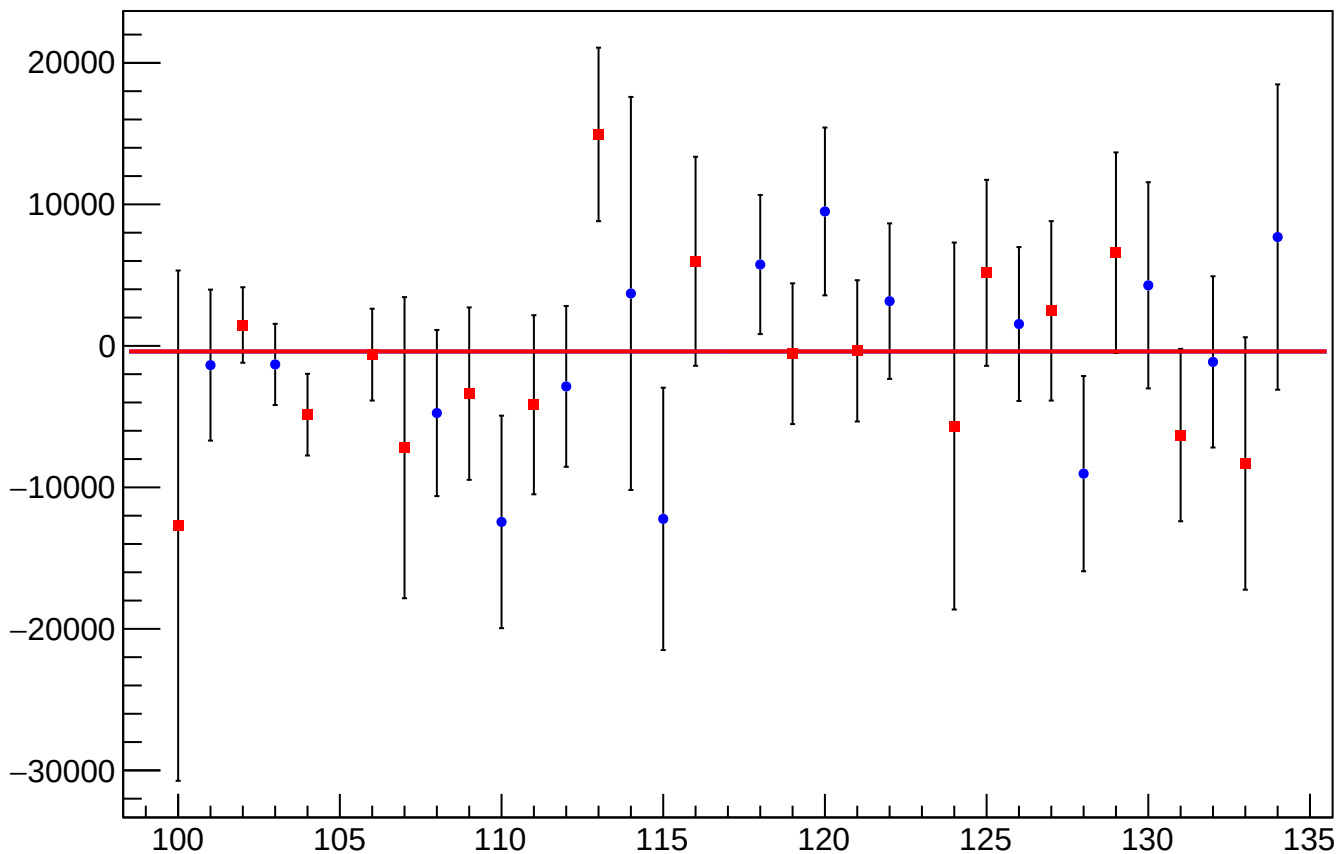
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1345.504+/-0.270 χ^2/NDF : 766098.8/31

- 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: -391.307+/-1232.618 χ^2/NDF : 15.1/16

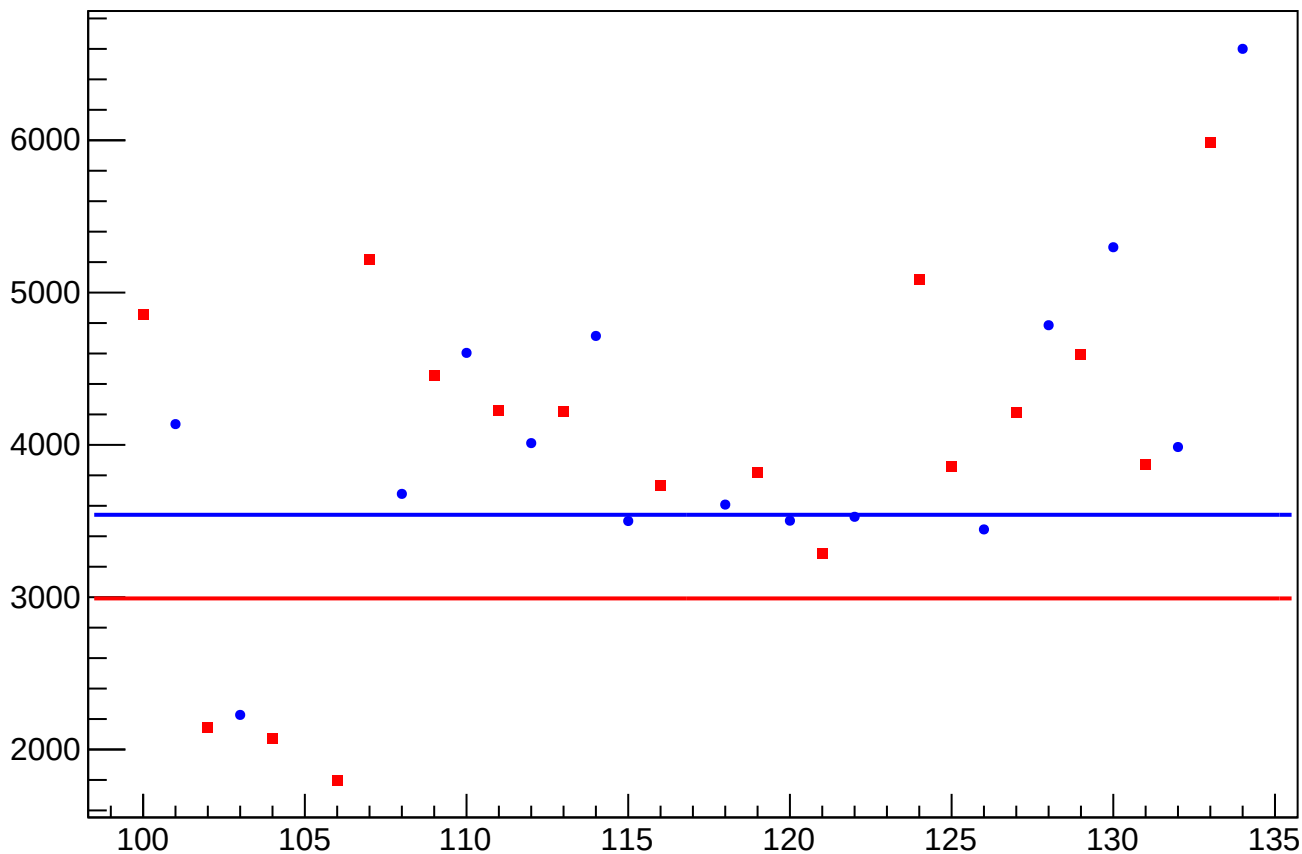
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -395.222+/-944.166 χ^2/NDF : 27.8/31

- 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 $\pm$ 1.039 χ^2 /NDF: 867523.9/14

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

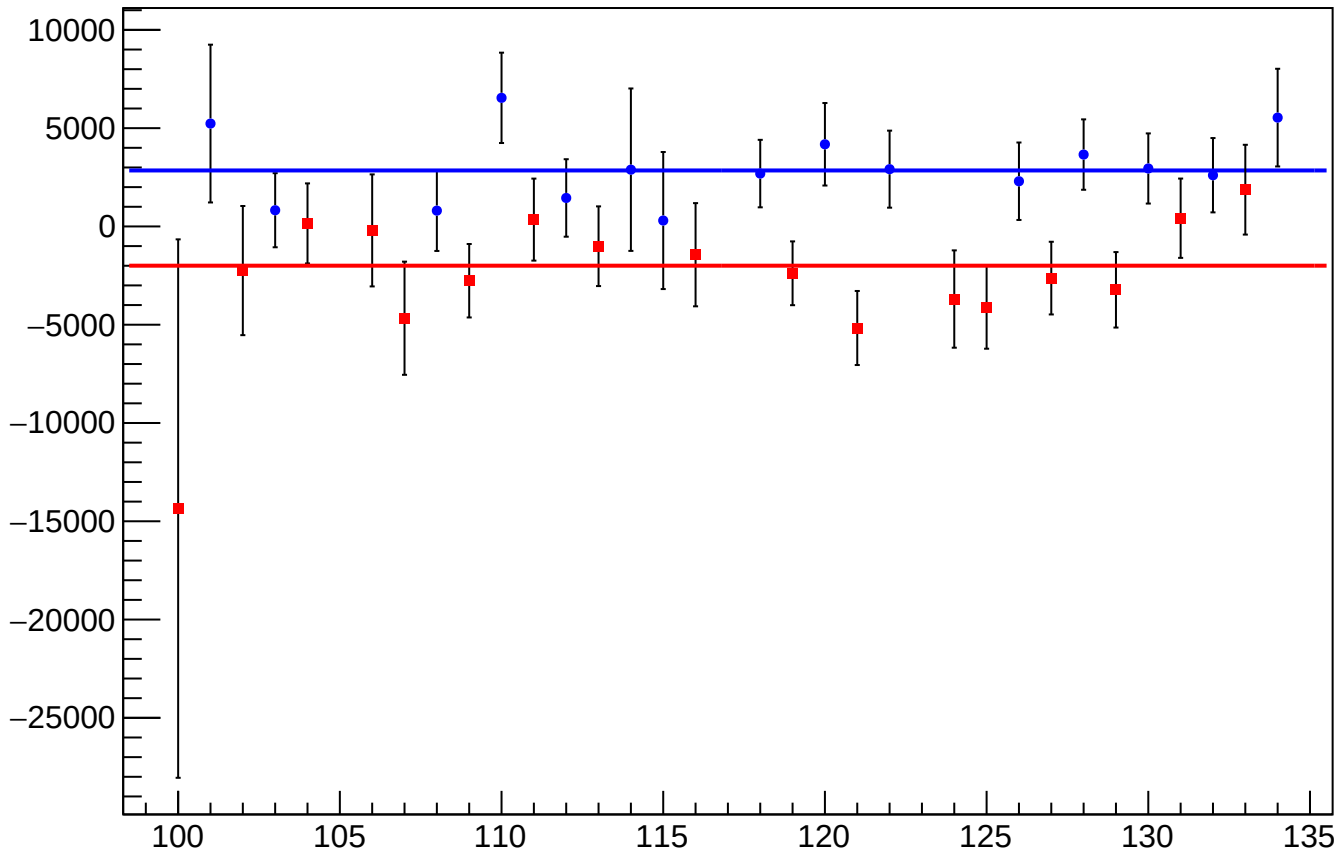
Right Out: 2991.888 $\pm$ 0.872 χ^2 /NDF: 1670342.4/16

All: 3218.820 $\pm$ 0.668 χ^2 /NDF: 2701900.4/31

- 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_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: -1996.911+/-531.788 χ^2/NDF : 14.1/16

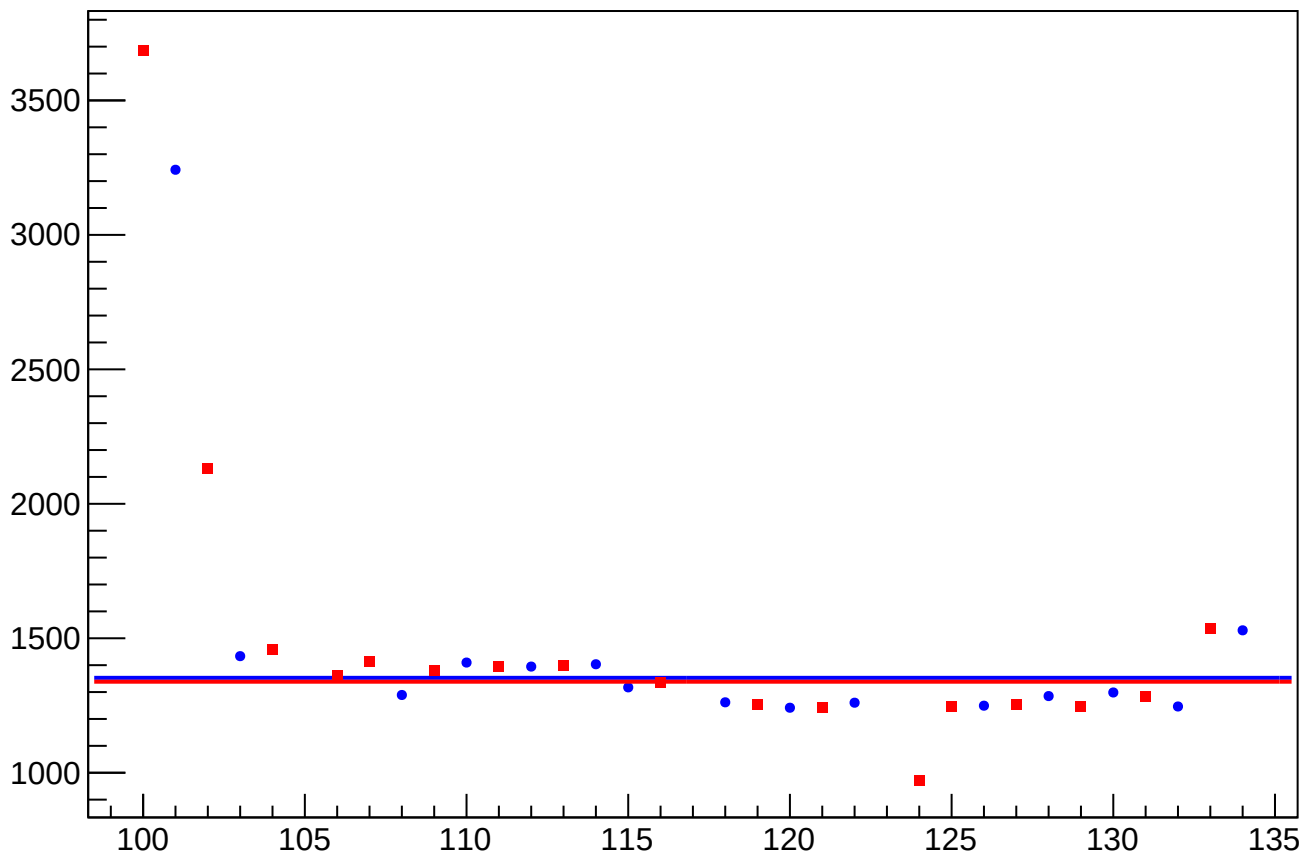
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 349.624+/-381.883 χ^2/NDF : 62.3/31

- 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

Right Out: 1338.541+/-0.376 χ^2/NDF : 271669.1/16

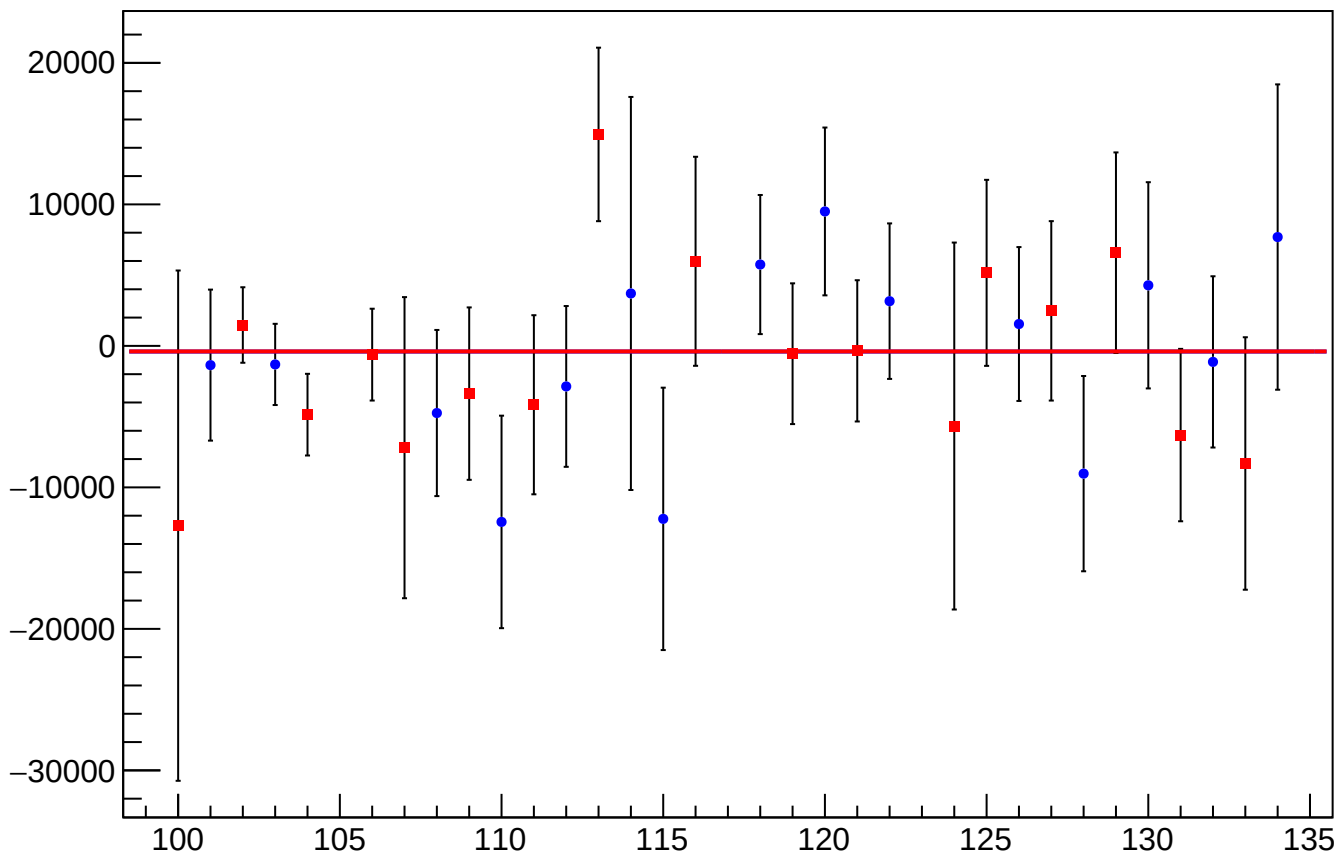
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1345.504+/-0.270 χ^2/NDF : 766097.9/31

- sign 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: -391.308+/-1232.614 χ^2/NDF : 15.1/16

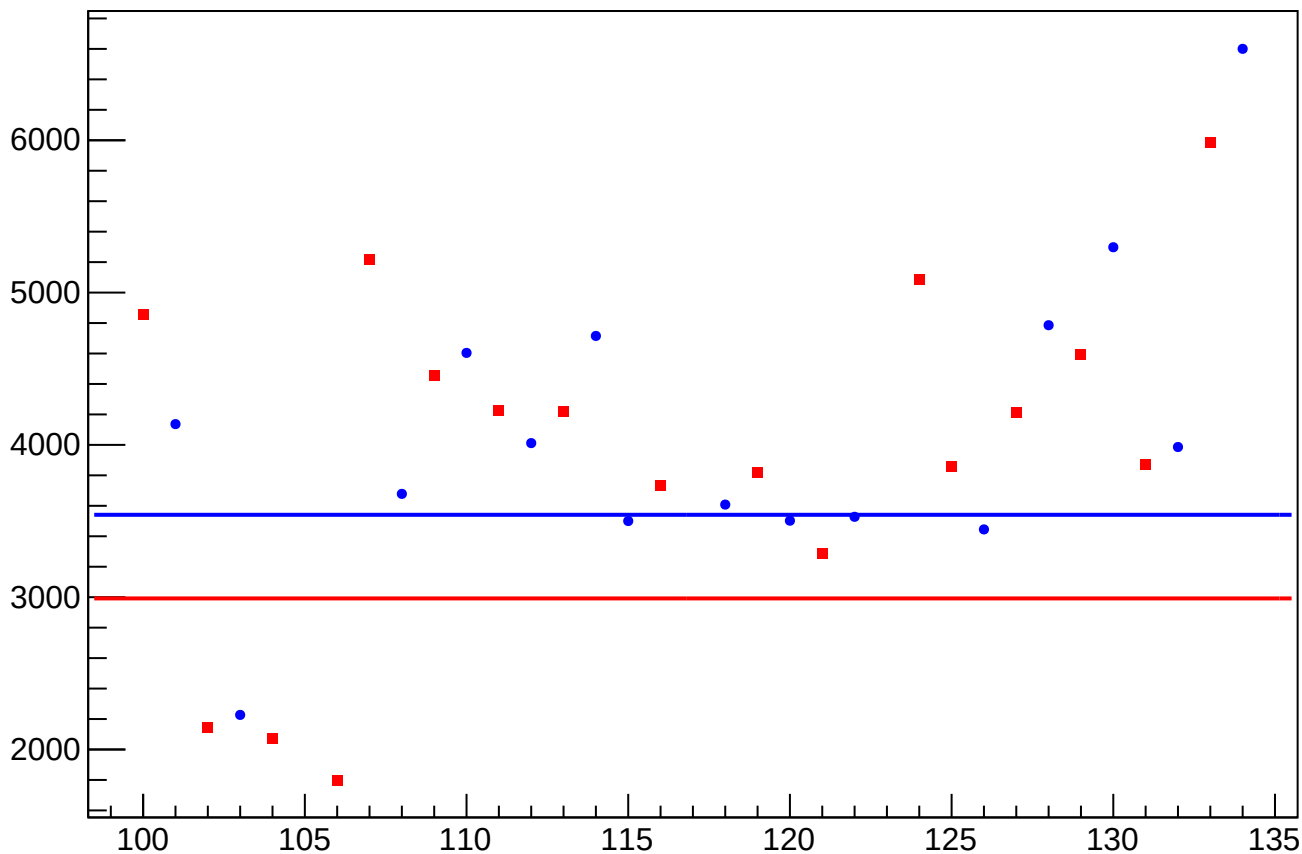
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -395.221+/-944.164 χ^2/NDF : 27.8/31

- 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 $\pm$ 1.039 χ^2 /NDF: 867523.2/14

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

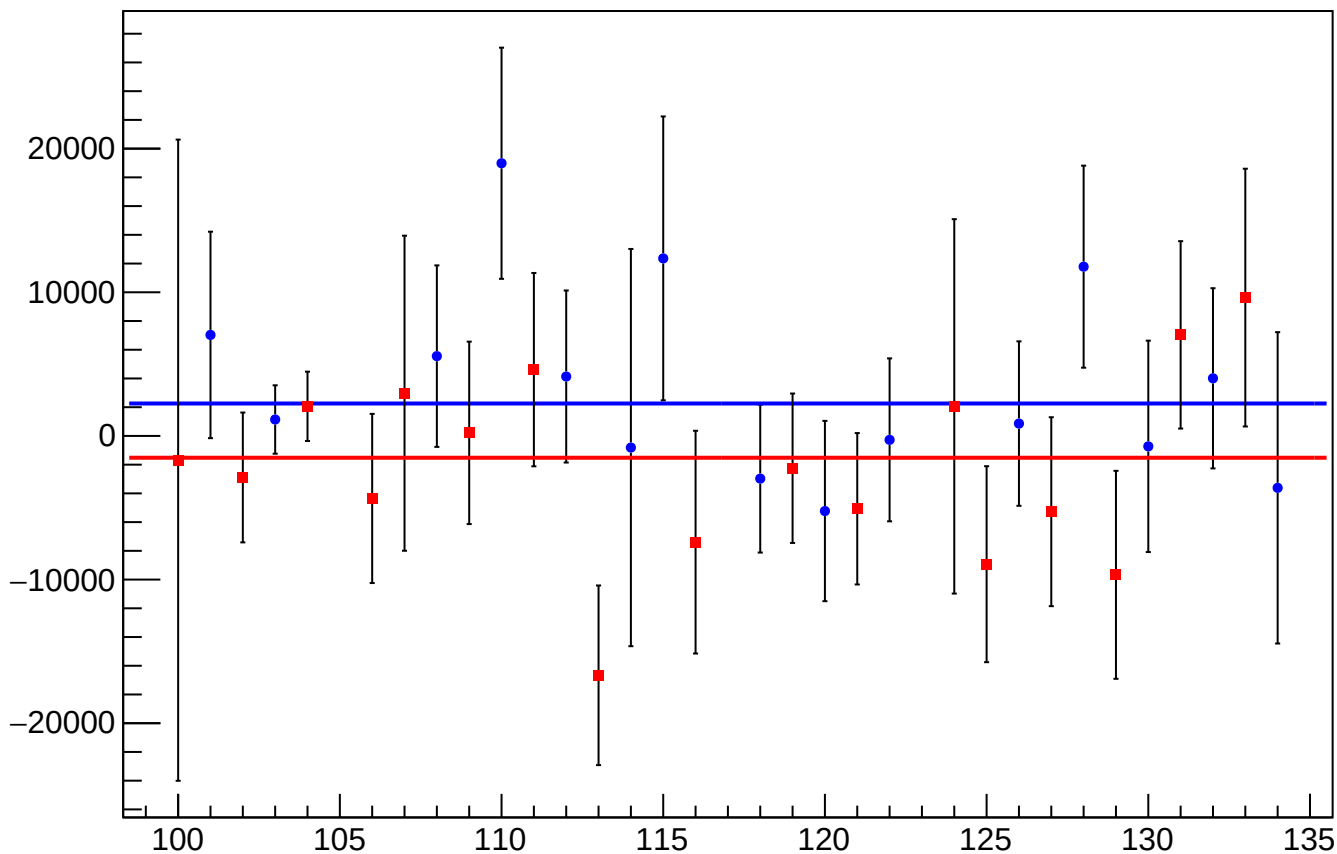
Right Out: 2991.880 $\pm$ 0.872 χ^2 /NDF: 1670342.0/16

All: 3218.811 $\pm$ 0.668 χ^2 /NDF: 2701899.6/31

- 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_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: -1518.134 $\pm$ 1376.881 χ^2 /NDF: 16.6/16

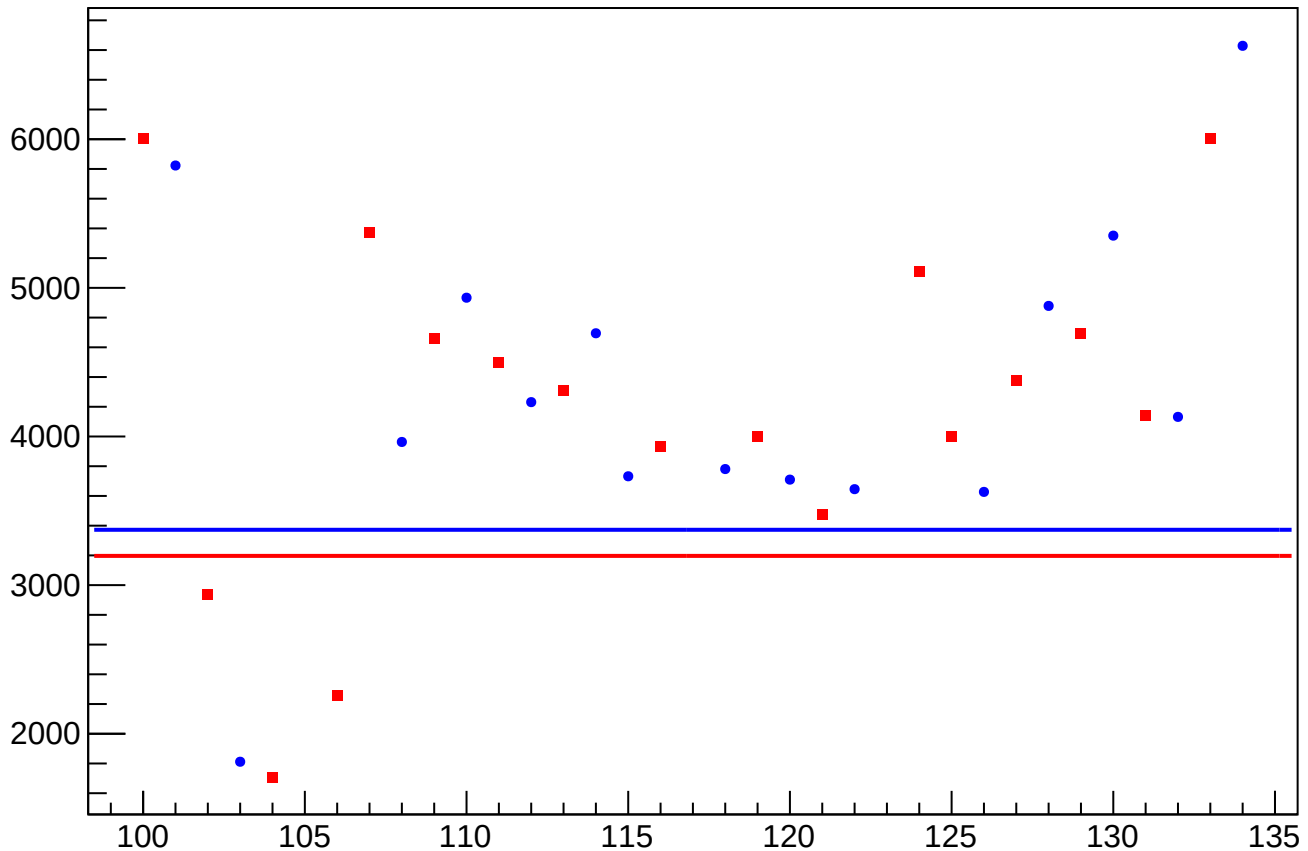
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 274.635 $\pm$ 997.820 χ^2 /NDF: 31.7/31

- 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

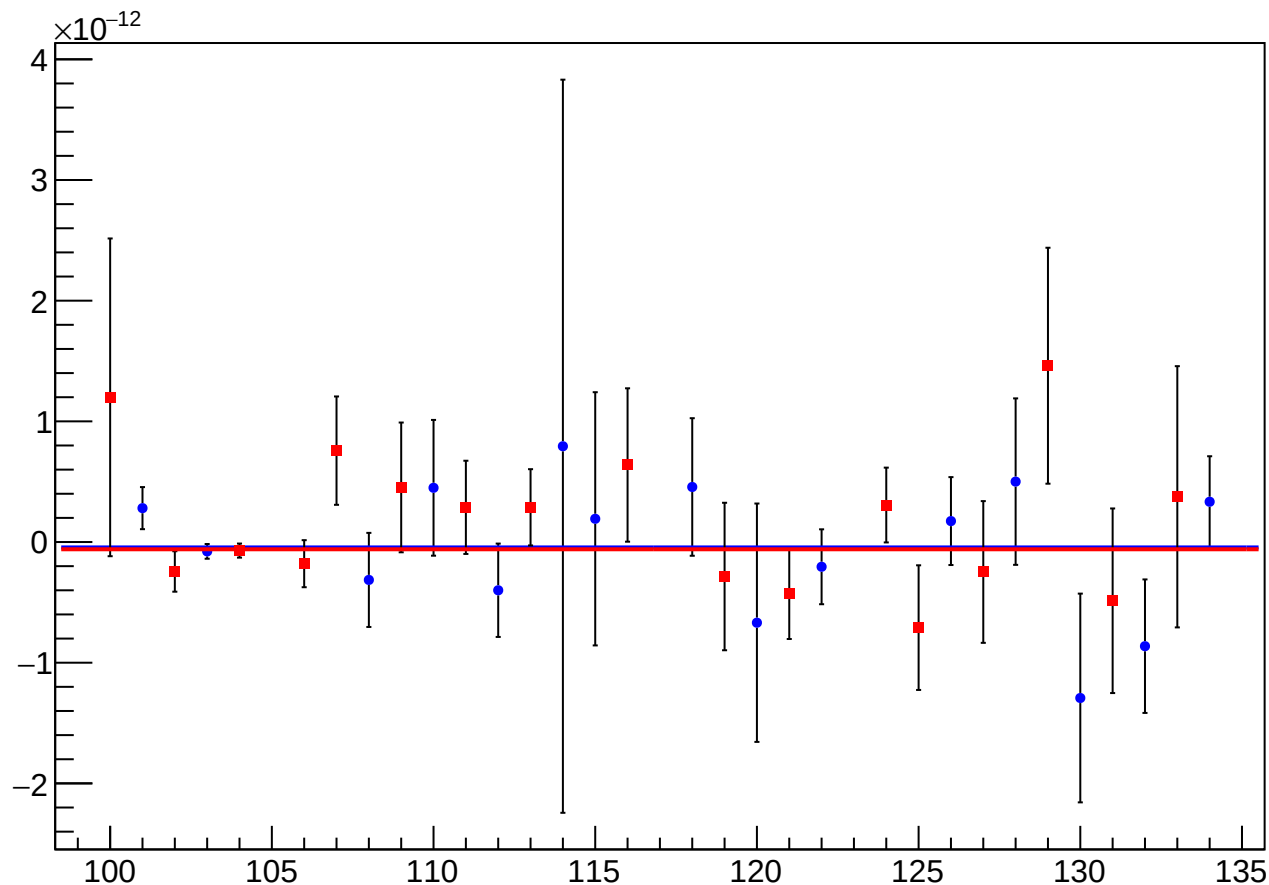
Right Out: 3196.680+/-0.960 χ^2/NDF : 1734786.5/16

All: 3278.790+/-0.700 χ^2/NDF : 3470304.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_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: 17.1/16

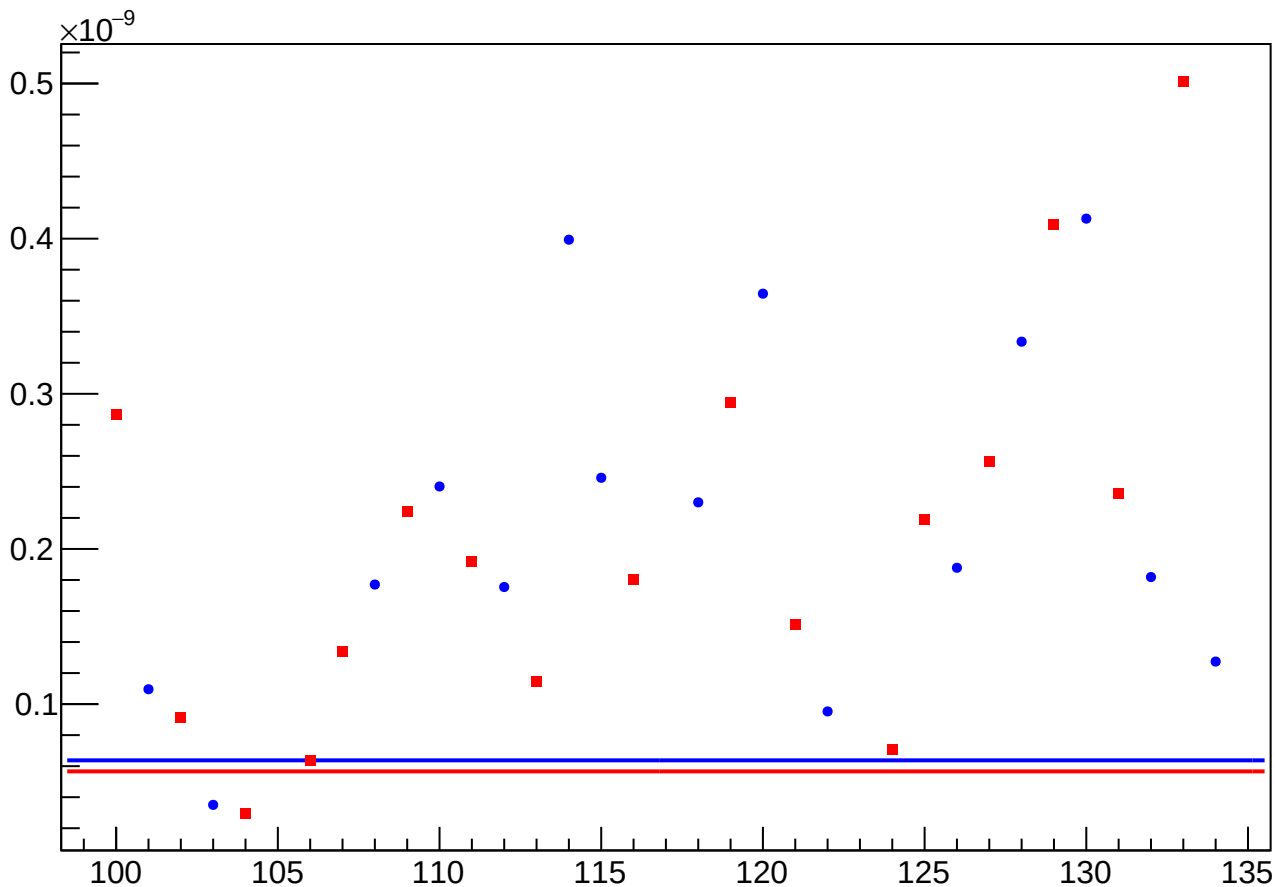
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 30.8/31

- 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+/-0.000 χ^2/NDF : 2587317.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2803800.6/16

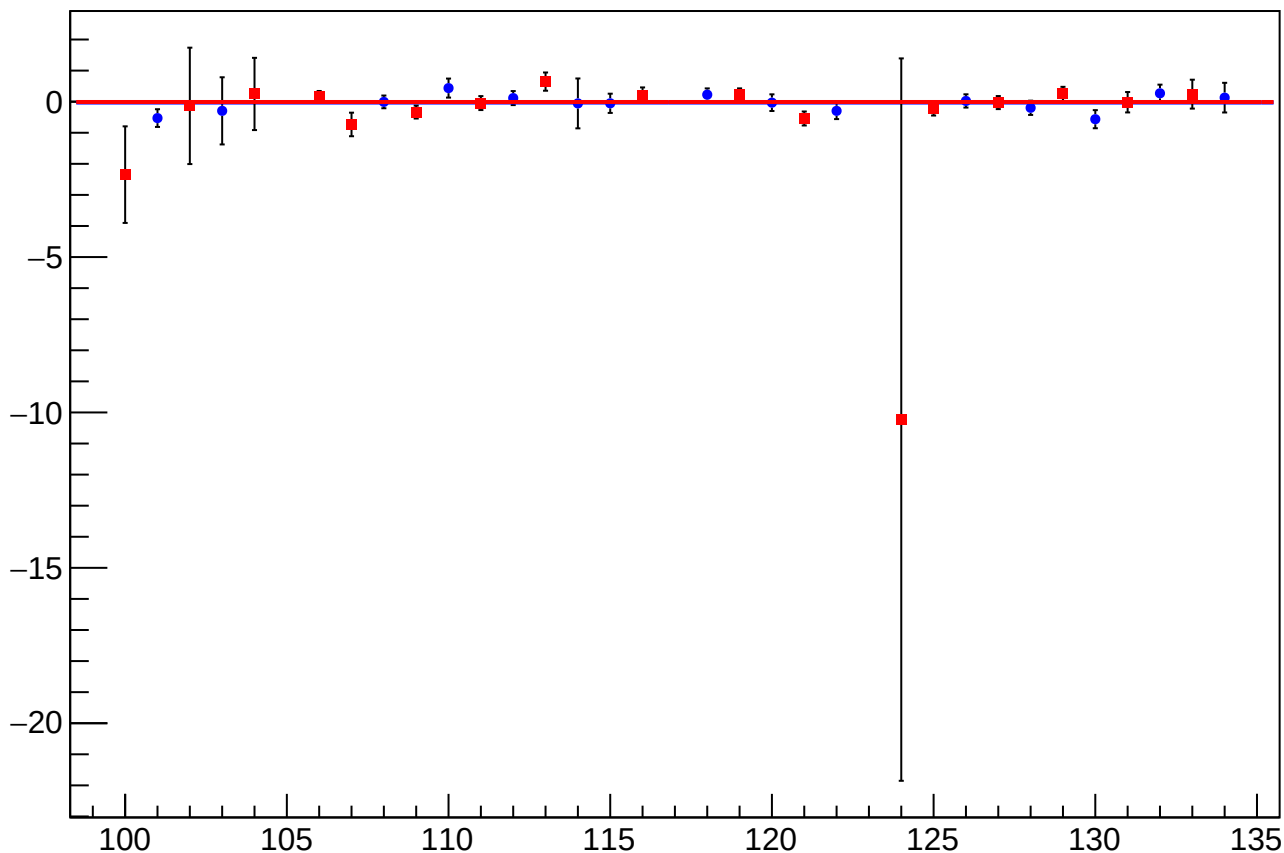
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5410438.5/31

- sign 0.000+/-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 ± 0.070 χ^2/NDF : 13.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.010 ± 0.066 χ^2/NDF : 25.4/16

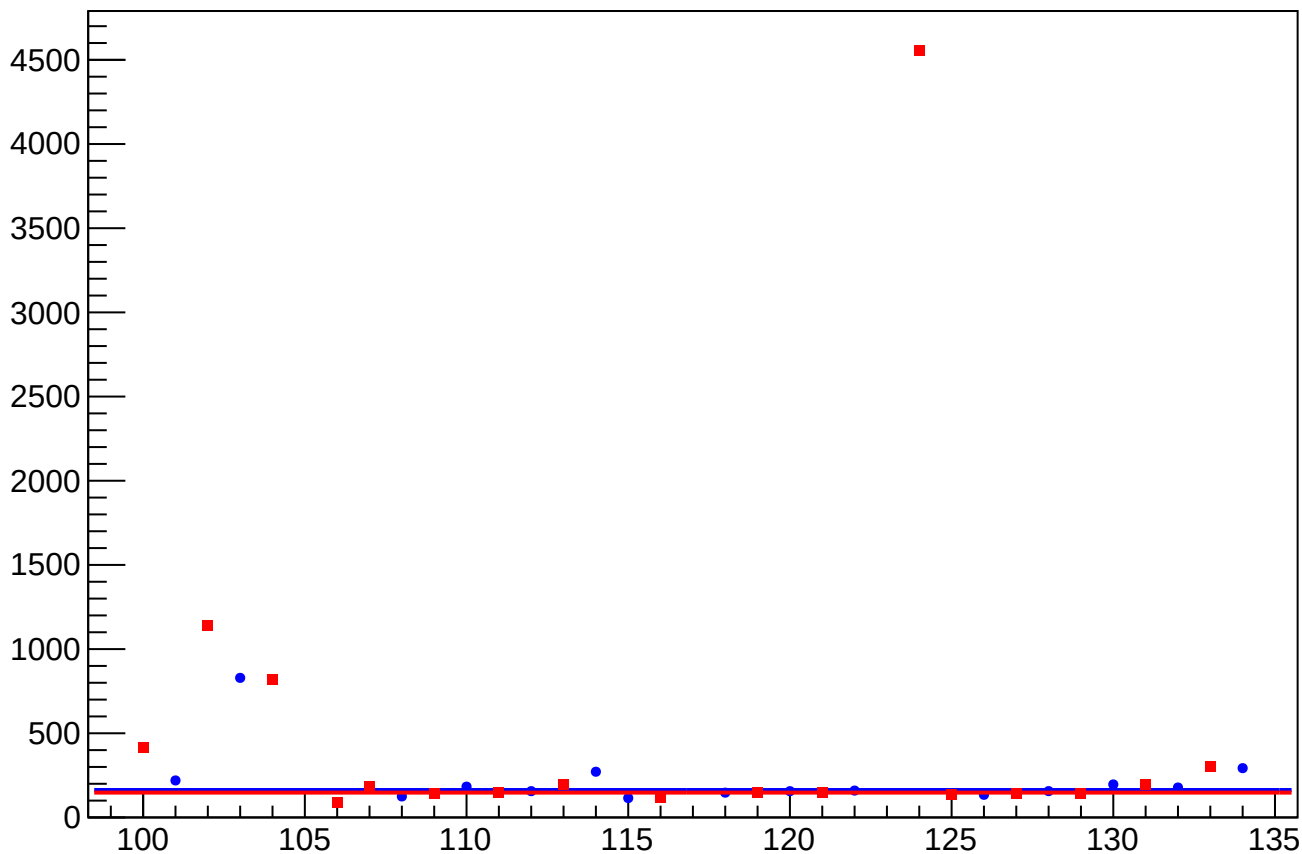
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.048 χ^2/NDF : 39.2/31

- sign 0.000 ± 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: 147.643+/-0.047 χ^2/NDF : 2156558.1/16

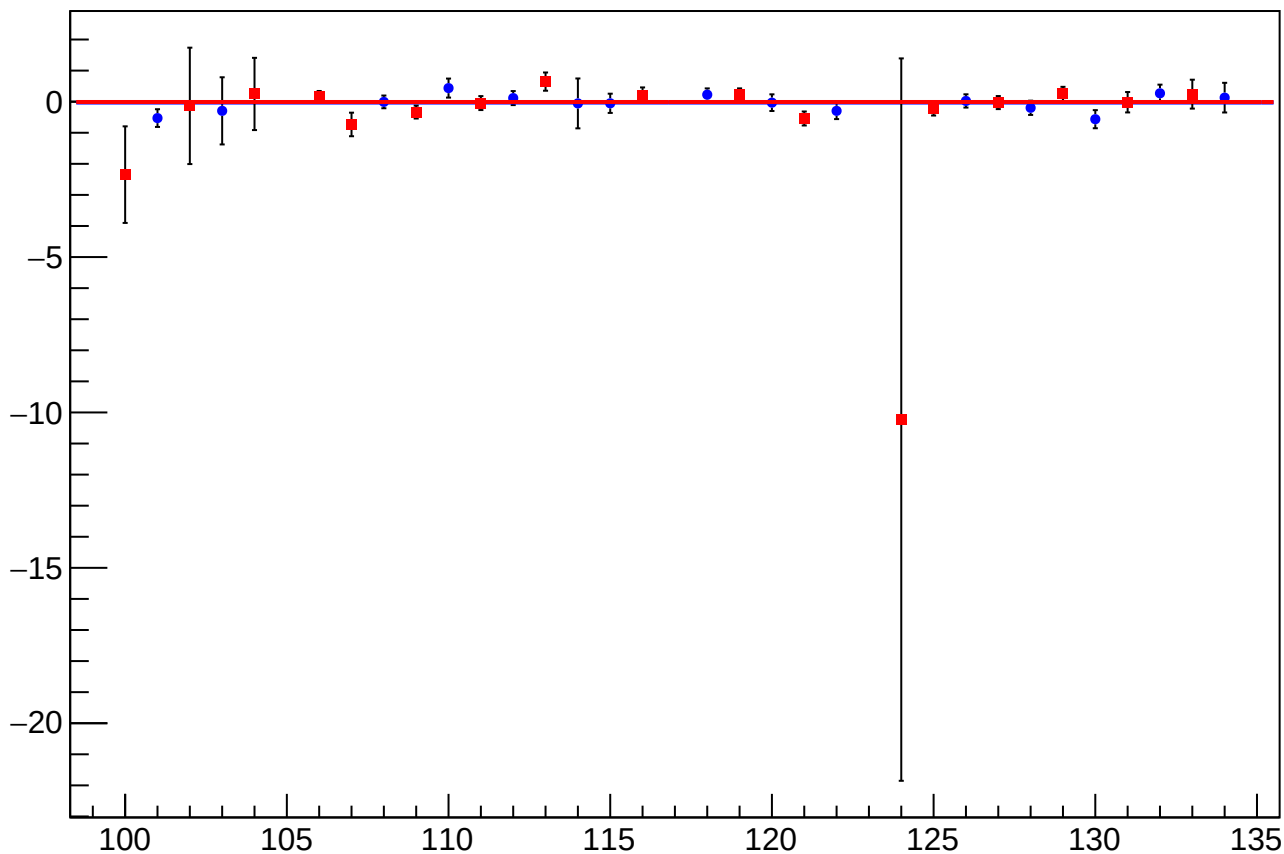
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.804+/-0.034 χ^2/NDF : 3441279.7/31

- 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: -0.010 ± 0.066 χ^2/NDF : 25.4/16

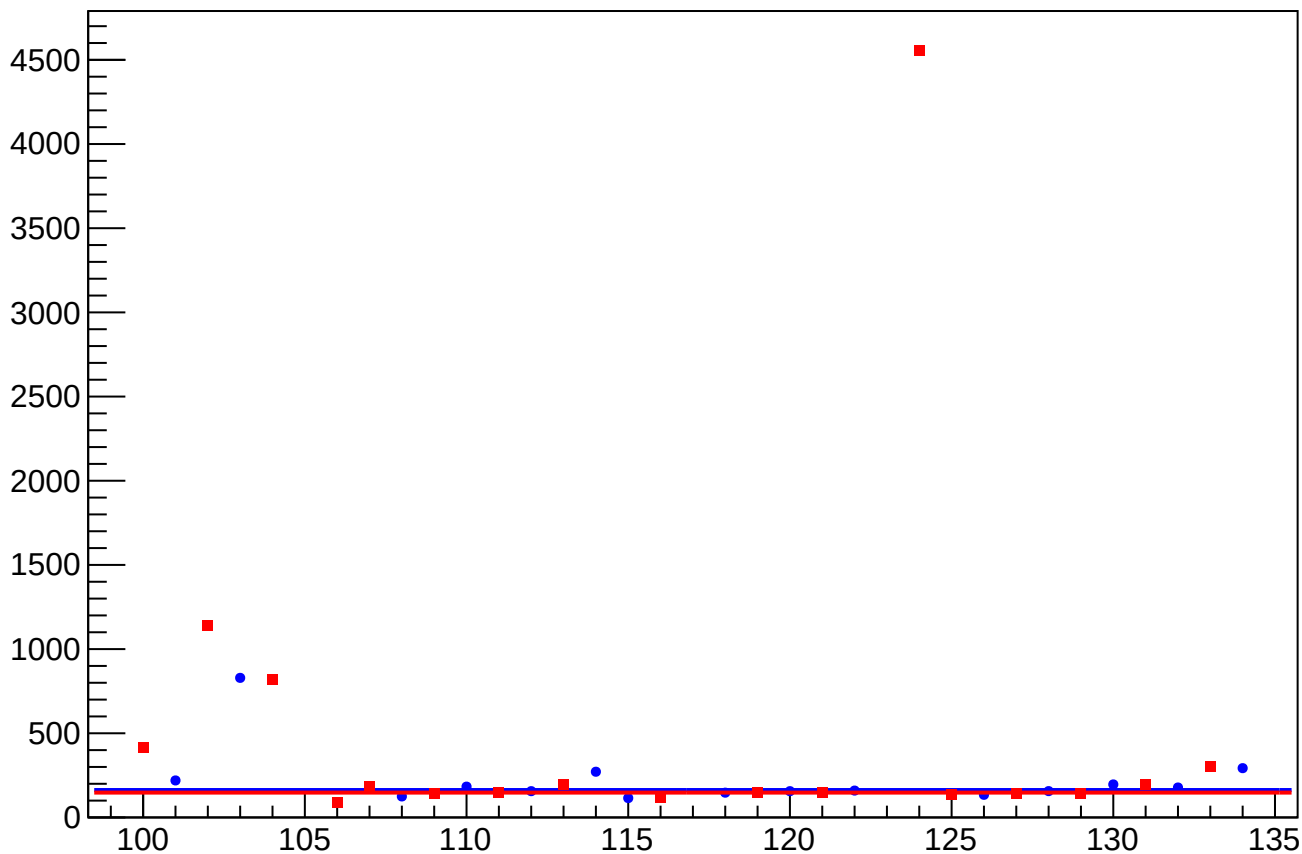
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.048 χ^2/NDF : 39.2/31

- 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

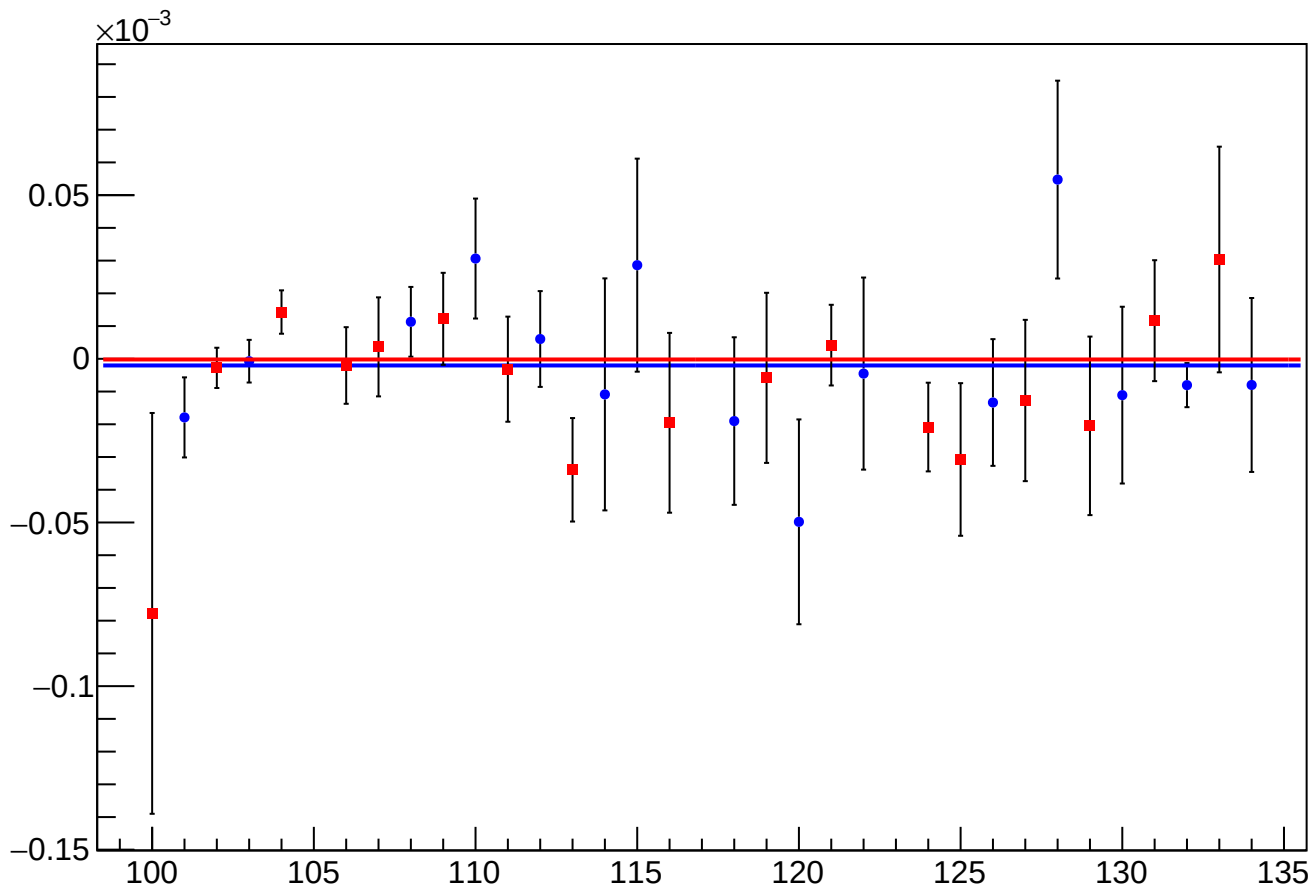
Right Out: 147.643+/-0.047 χ^2/NDF : 2156558.1/16

All: 154.804+/-0.034 χ^2/NDF : 3441279.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_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 : 18.7/16

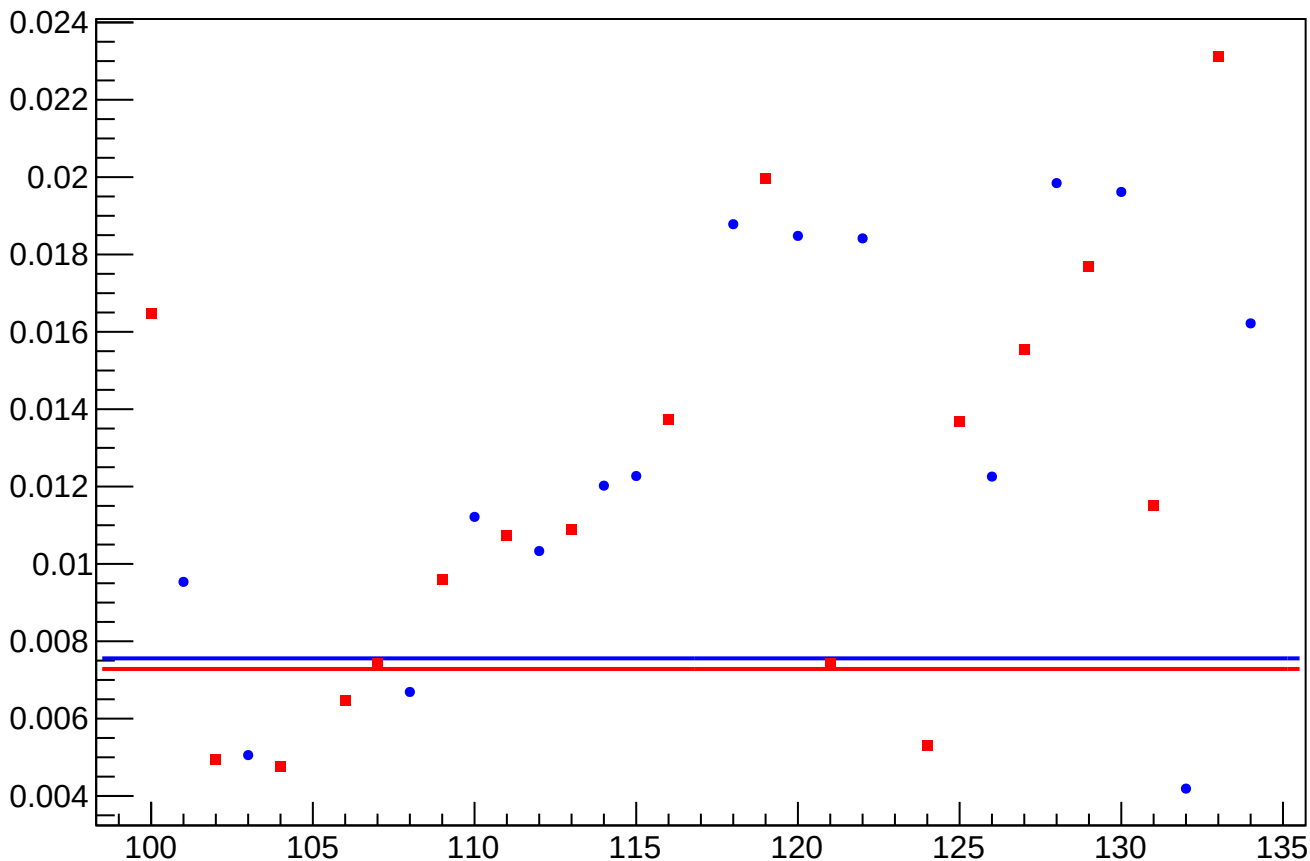
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 34.2/31

- sign 0.000+/-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 : 2703434.7/16

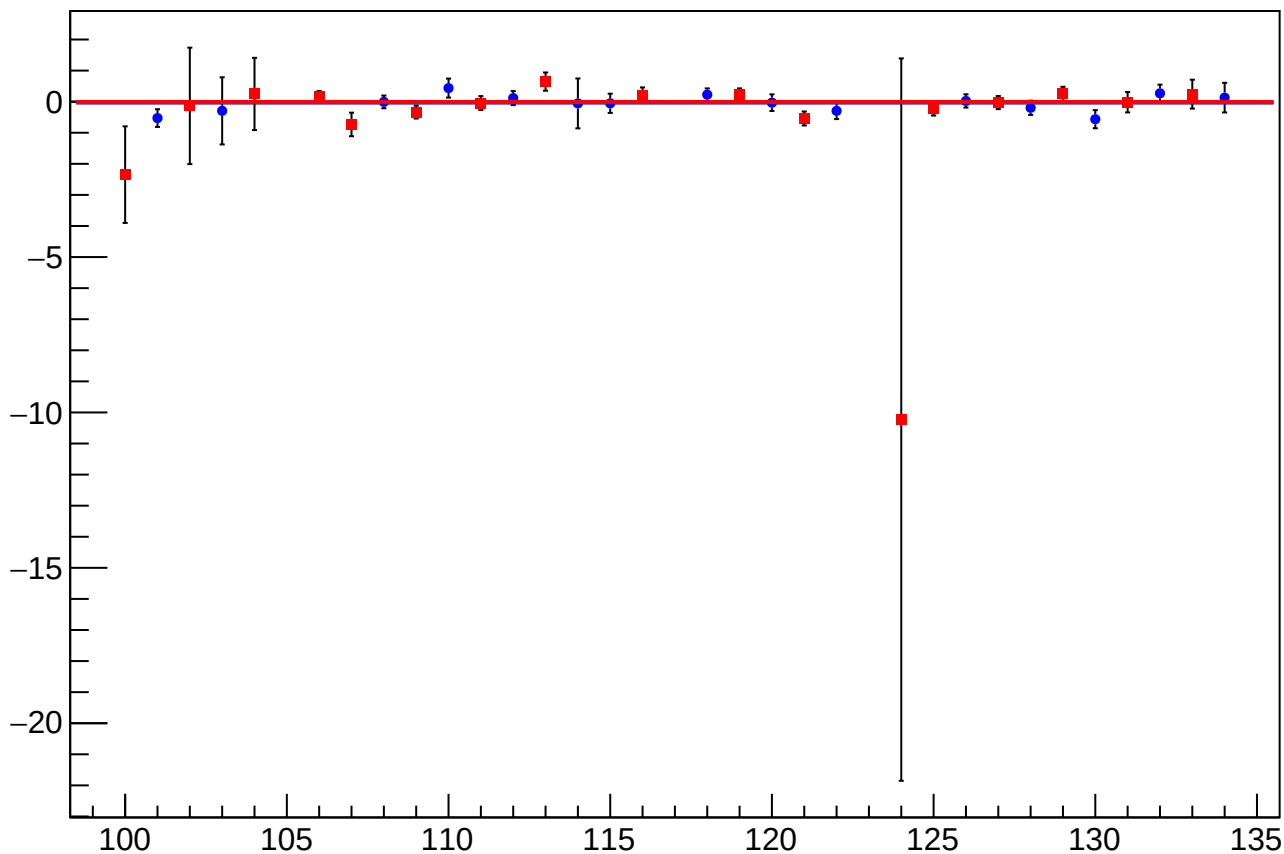
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 5757825.1/31

- 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: -0.010 ± 0.066 χ^2/NDF : 25.4/16

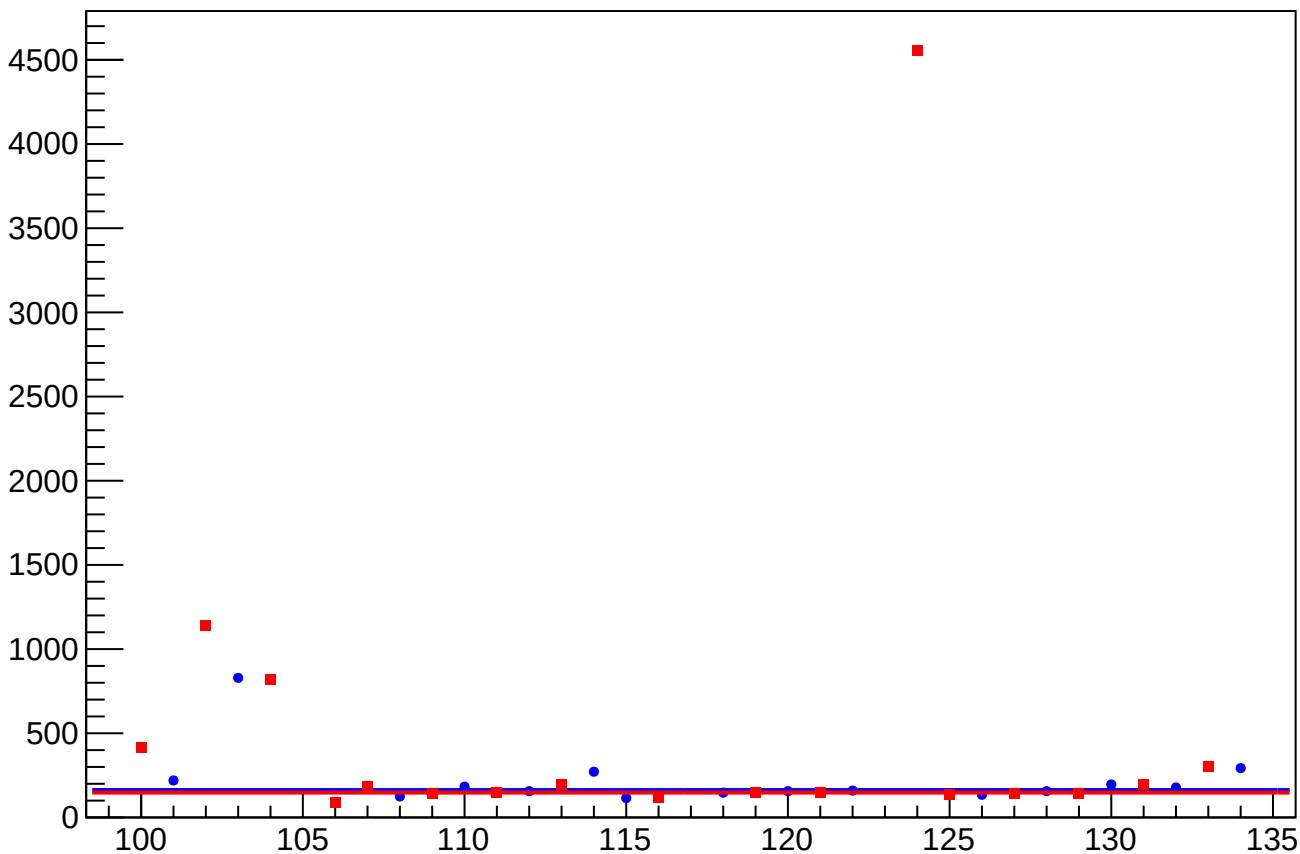
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.048 χ^2/NDF : 39.2/31

- 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

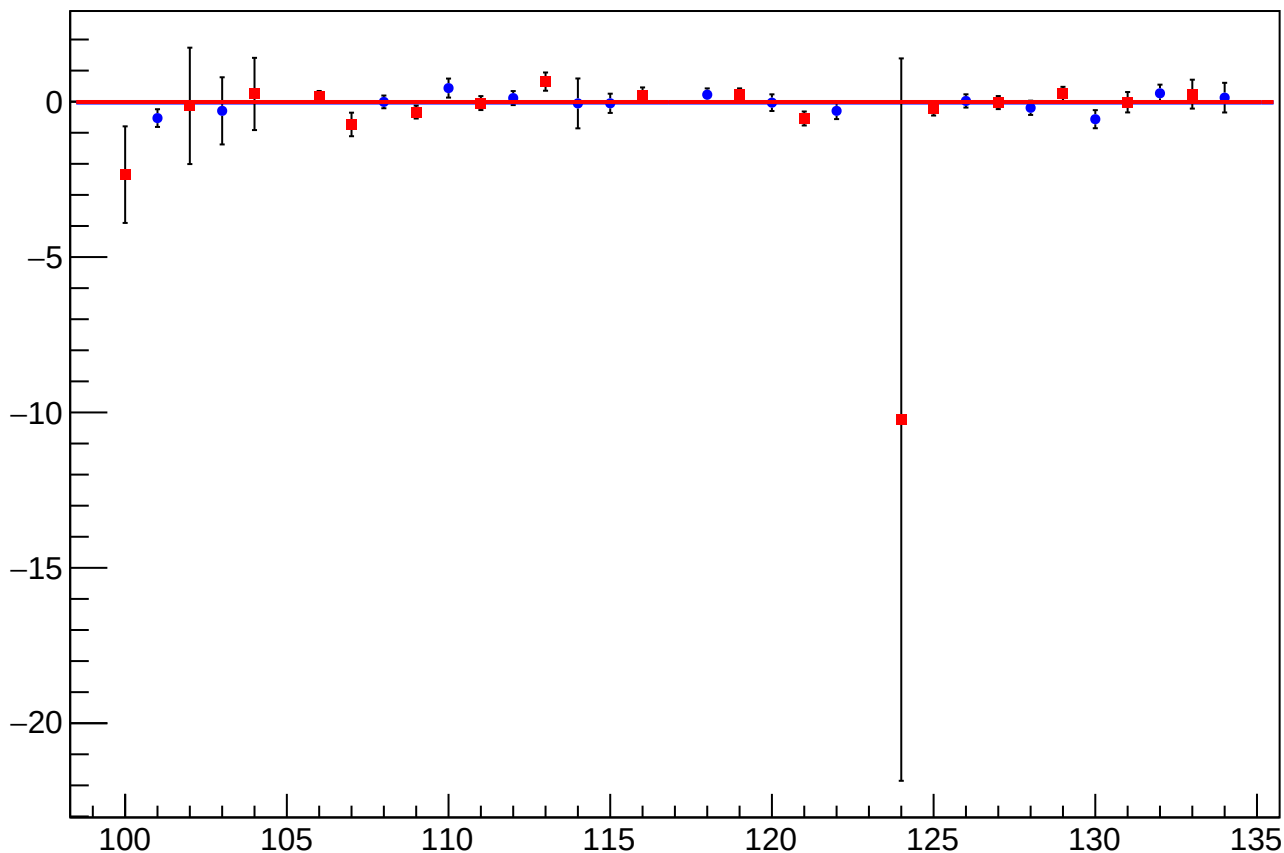
Right Out: 147.642+/-0.047 χ^2/NDF : 2156544.3/16

All: 154.803+/-0.034 χ^2/NDF : 3441251.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_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: -0.010 $\pm$ 0.066 χ^2 /NDF: 25.4/16

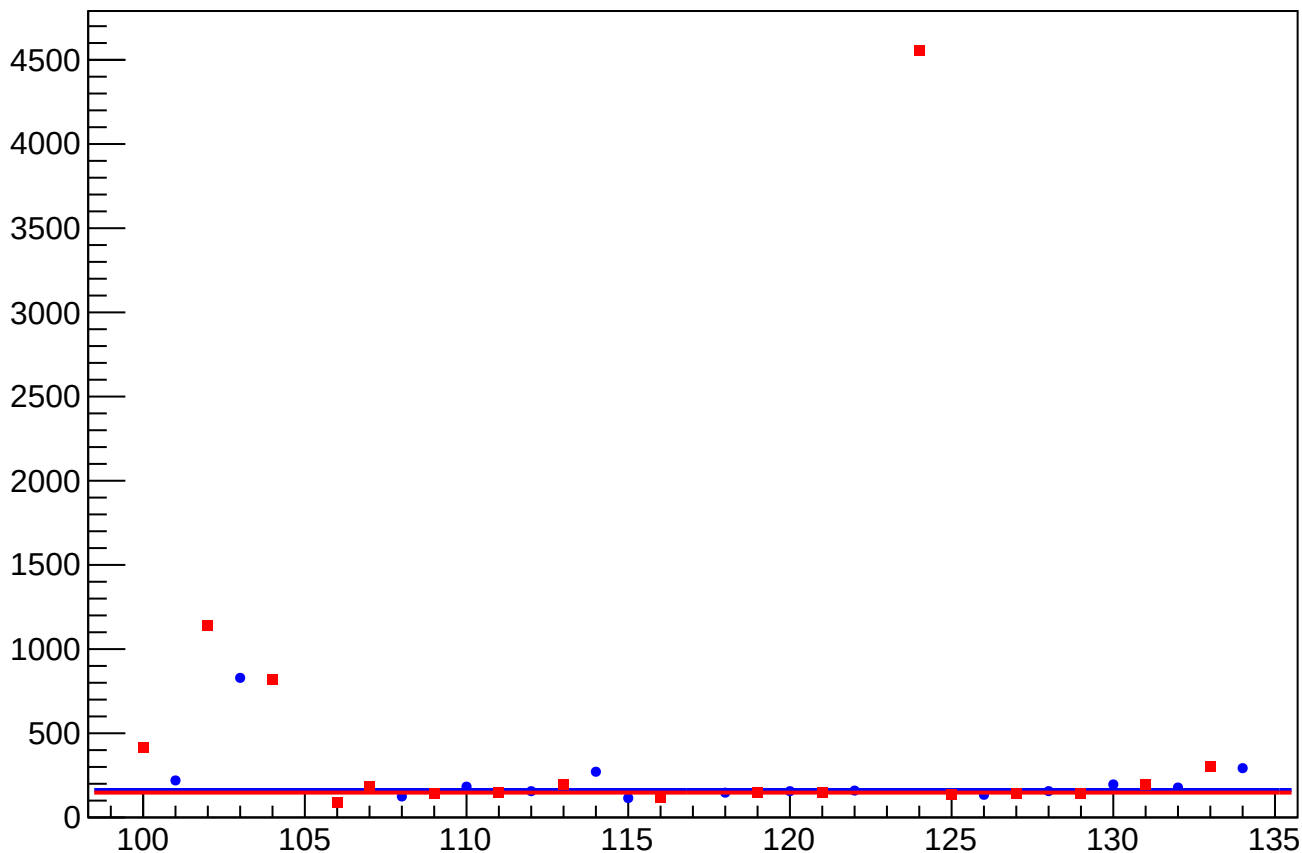
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.018 $\pm$ 0.048 χ^2 /NDF: 39.2/31

- sign 0.000 $\pm$ 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: 147.642+/-0.047 χ^2/NDF : 2156544.3/16

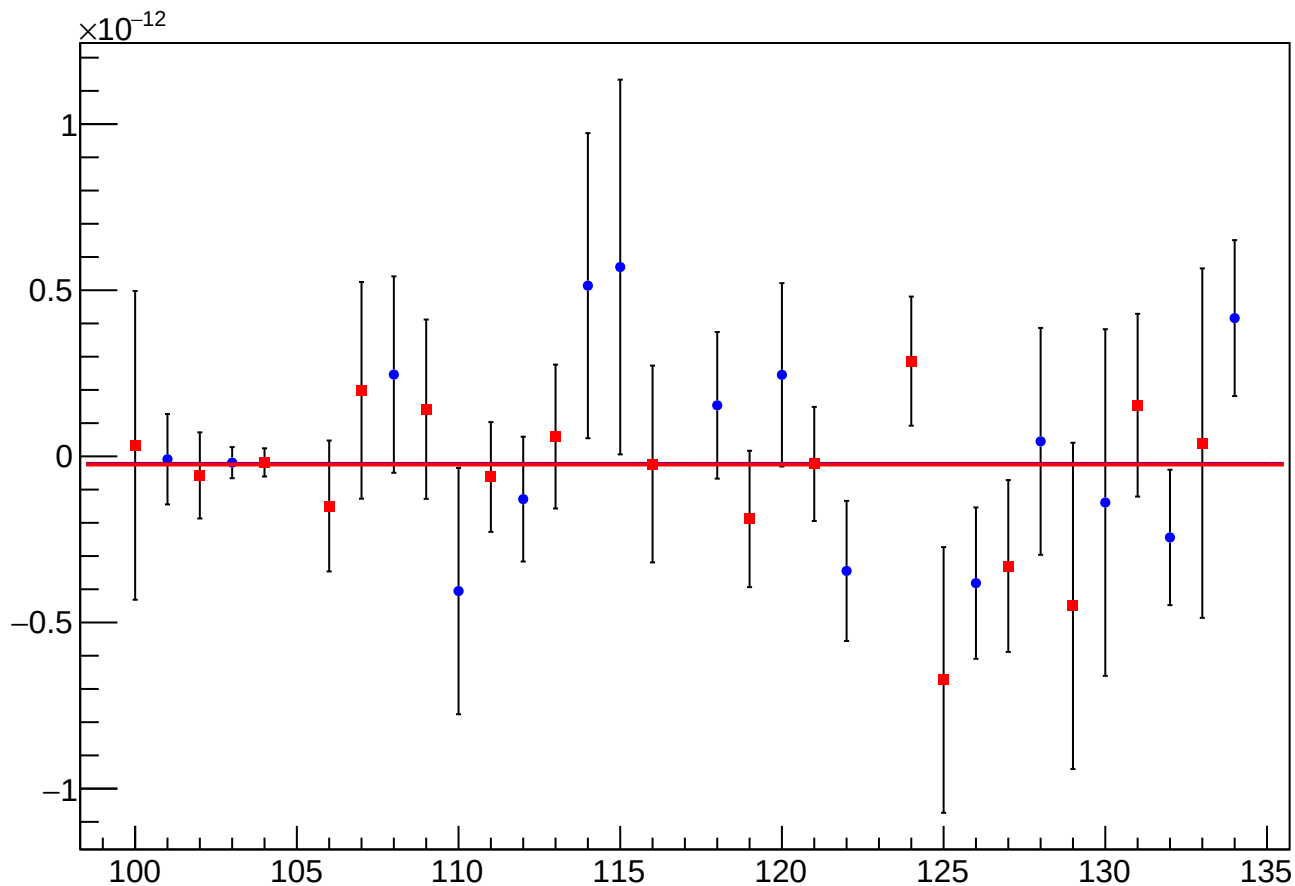
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.803+/-0.034 χ^2/NDF : 3441251.4/31

- 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: 10.0/16

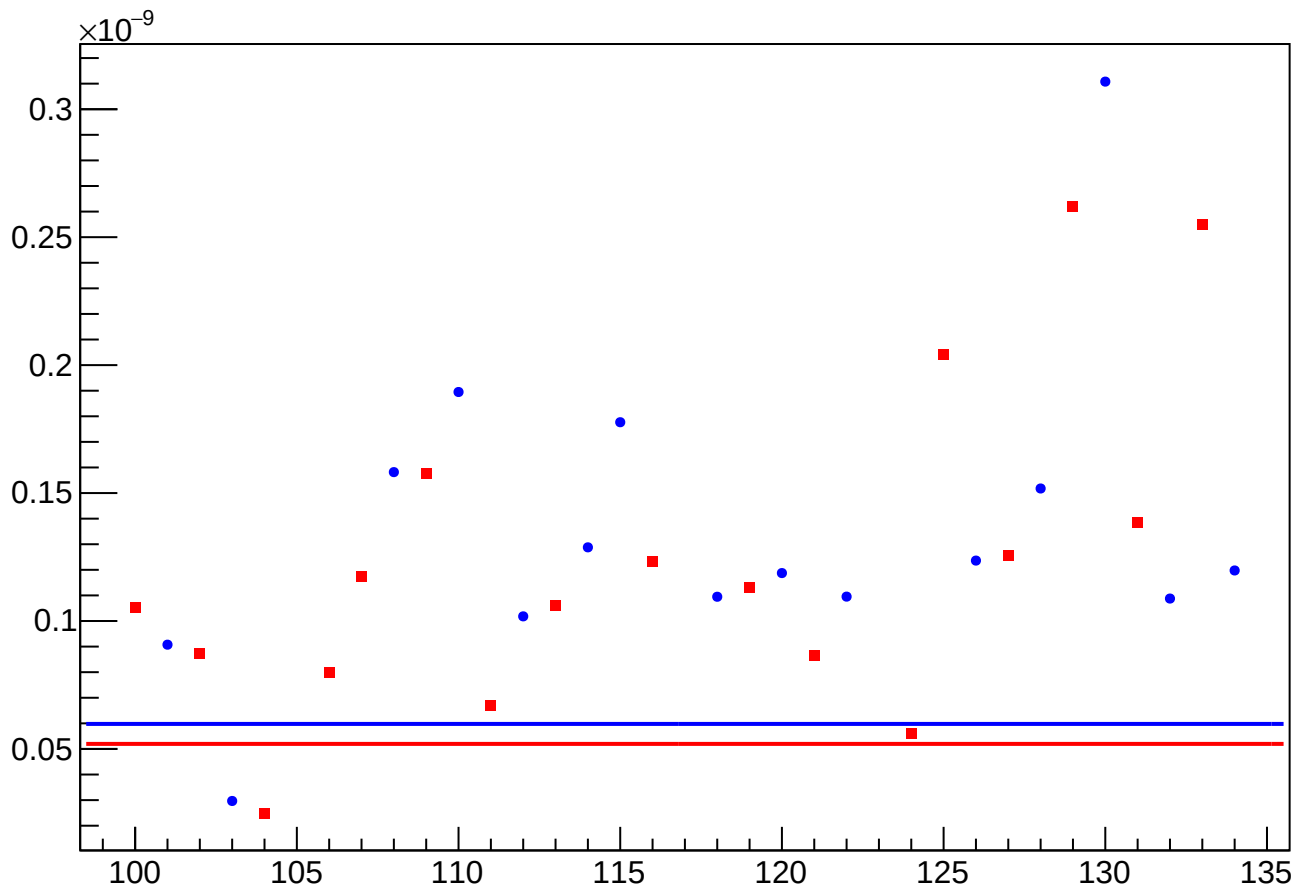
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 25.8/31

- 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 : 3261382.7/16

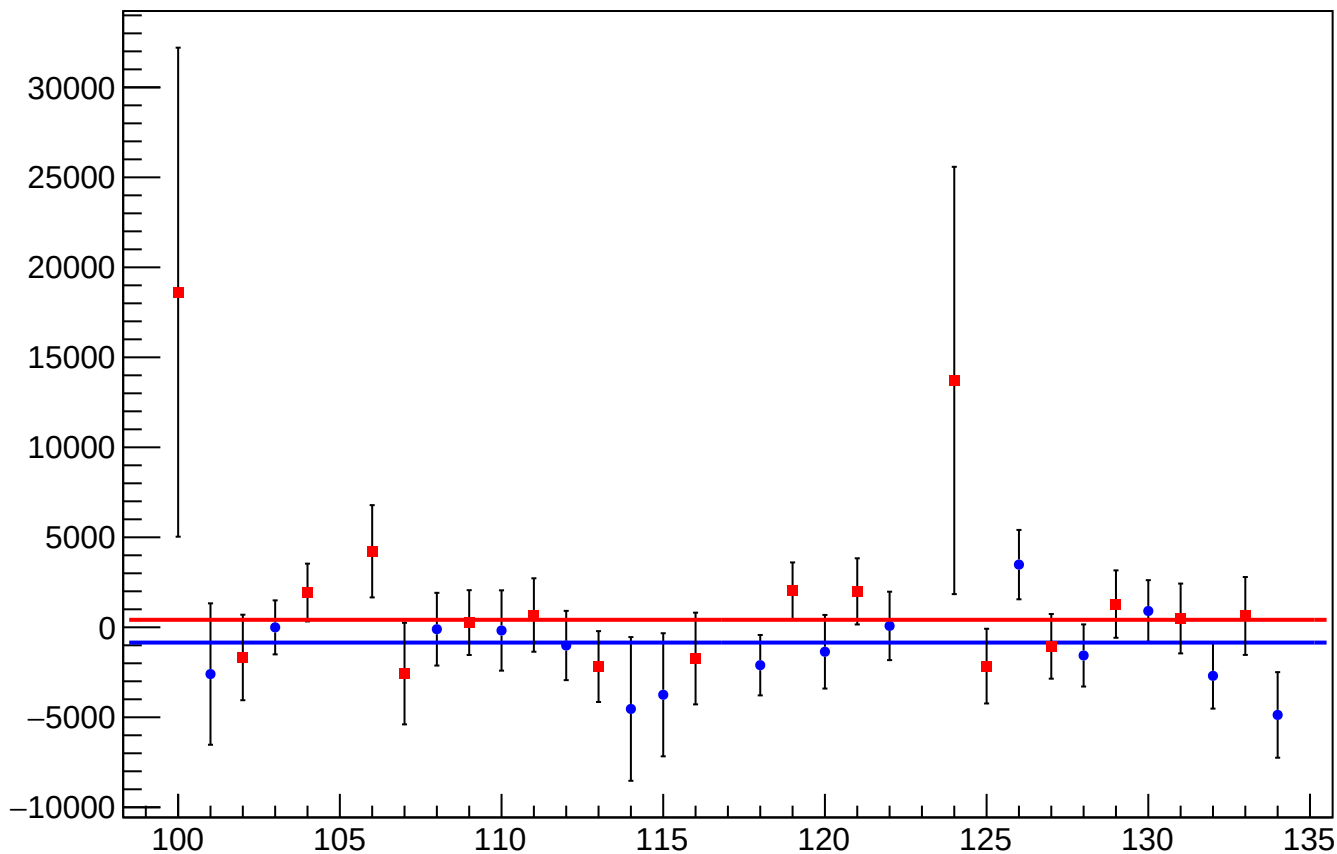
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6255601.3/31

- 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: 416.064+/-511.787 χ^2 /NDF: 14.7/16

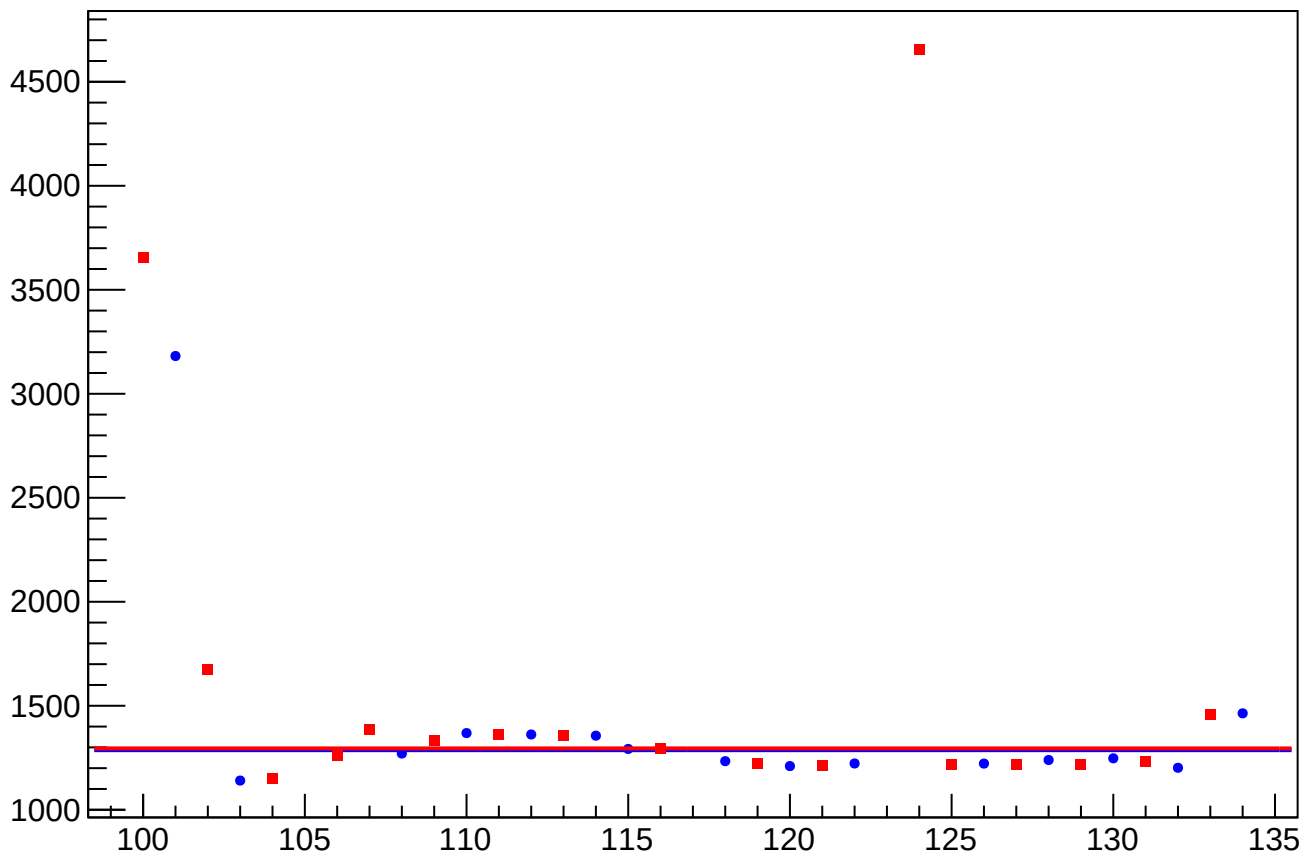
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -203.559+/-365.513 χ^2 /NDF: 31.1/31

- 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: 1294.931+/-0.362 χ^2/NDF : 327826.2/16

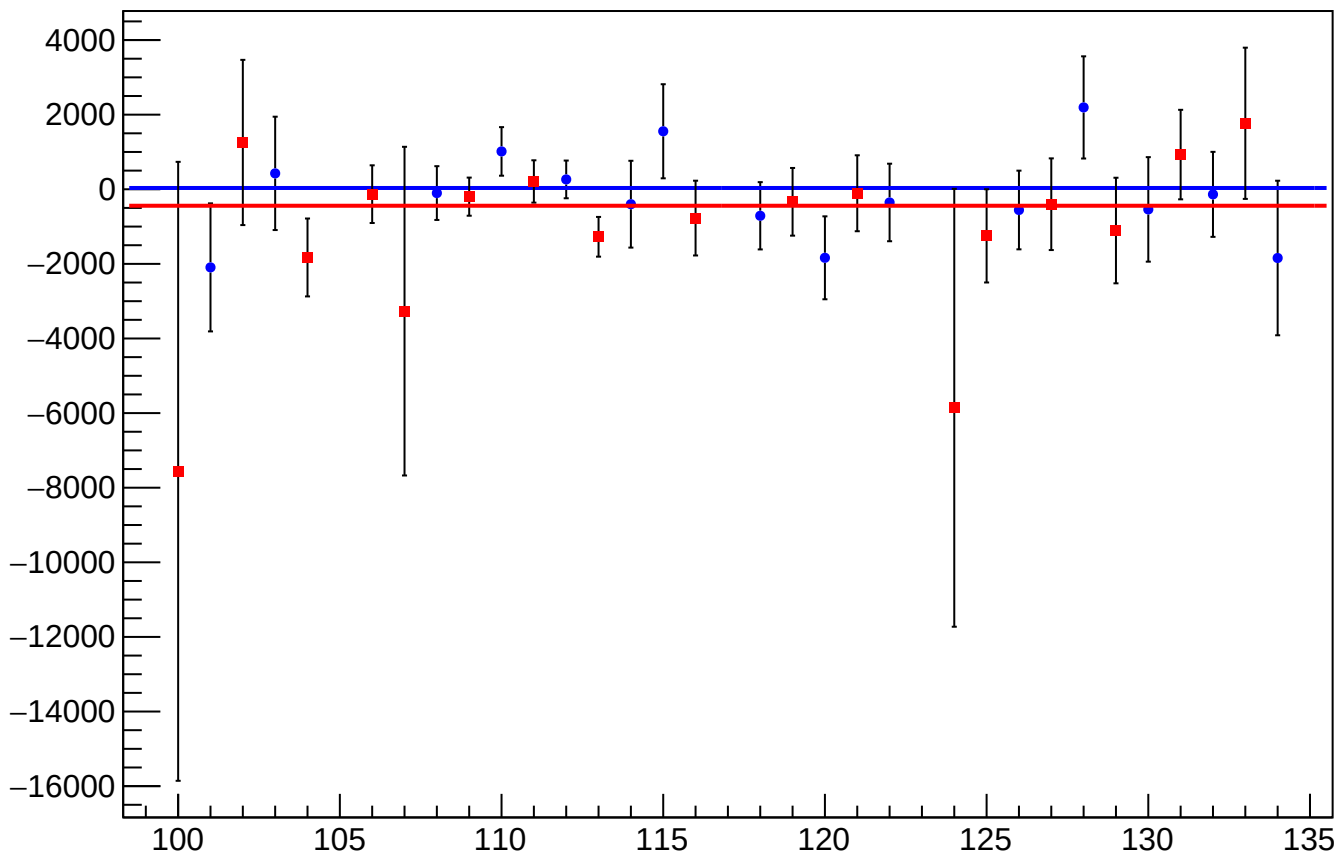
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1290.837+/-0.258 χ^2/NDF : 846201.3/31

- 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: -441.609 ± 227.848 χ^2/NDF : 11.9/16

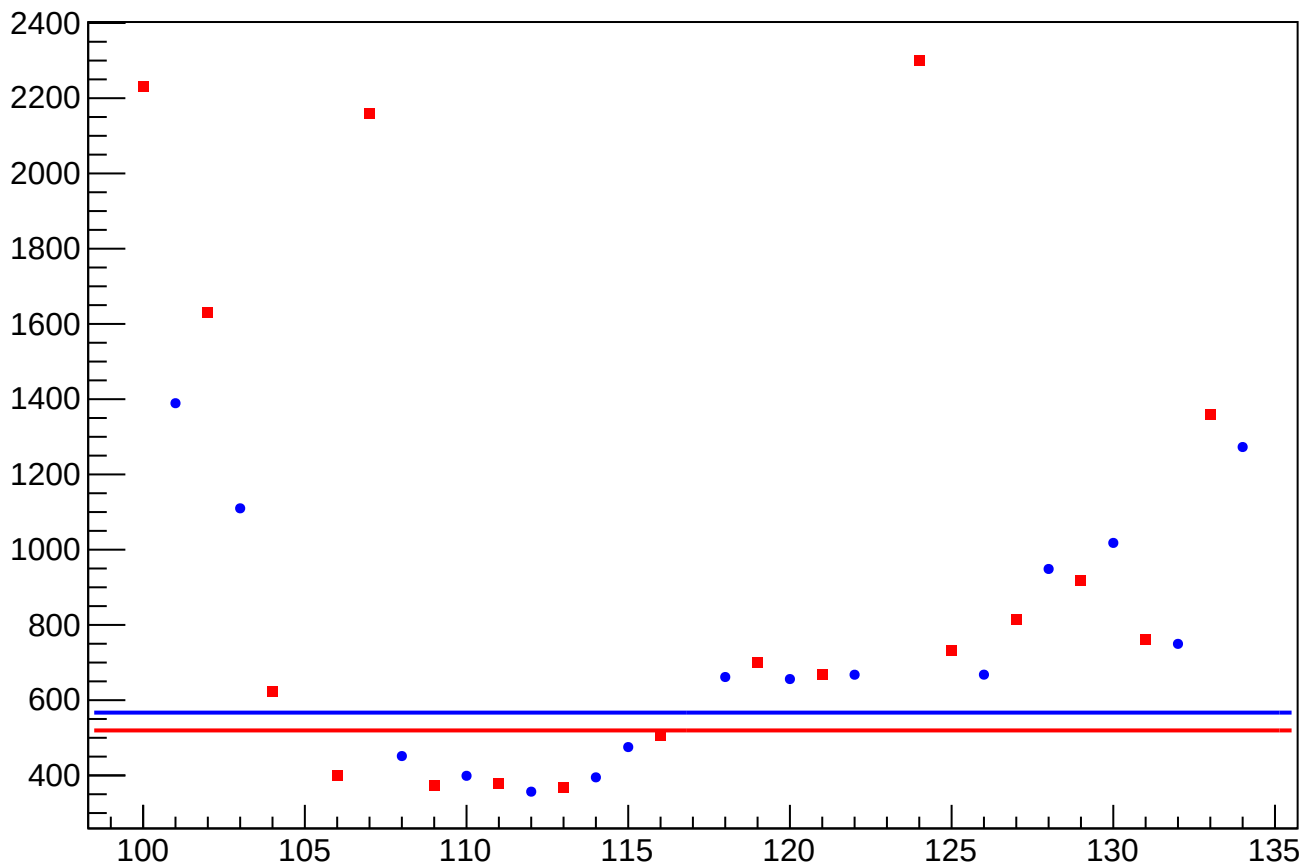
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -223.753 ± 167.810 χ^2/NDF : 27.0/31

- 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+/-0.175 χ^2/NDF : 2017605.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 519.572+/-0.161 χ^2/NDF : 2444739.8/16

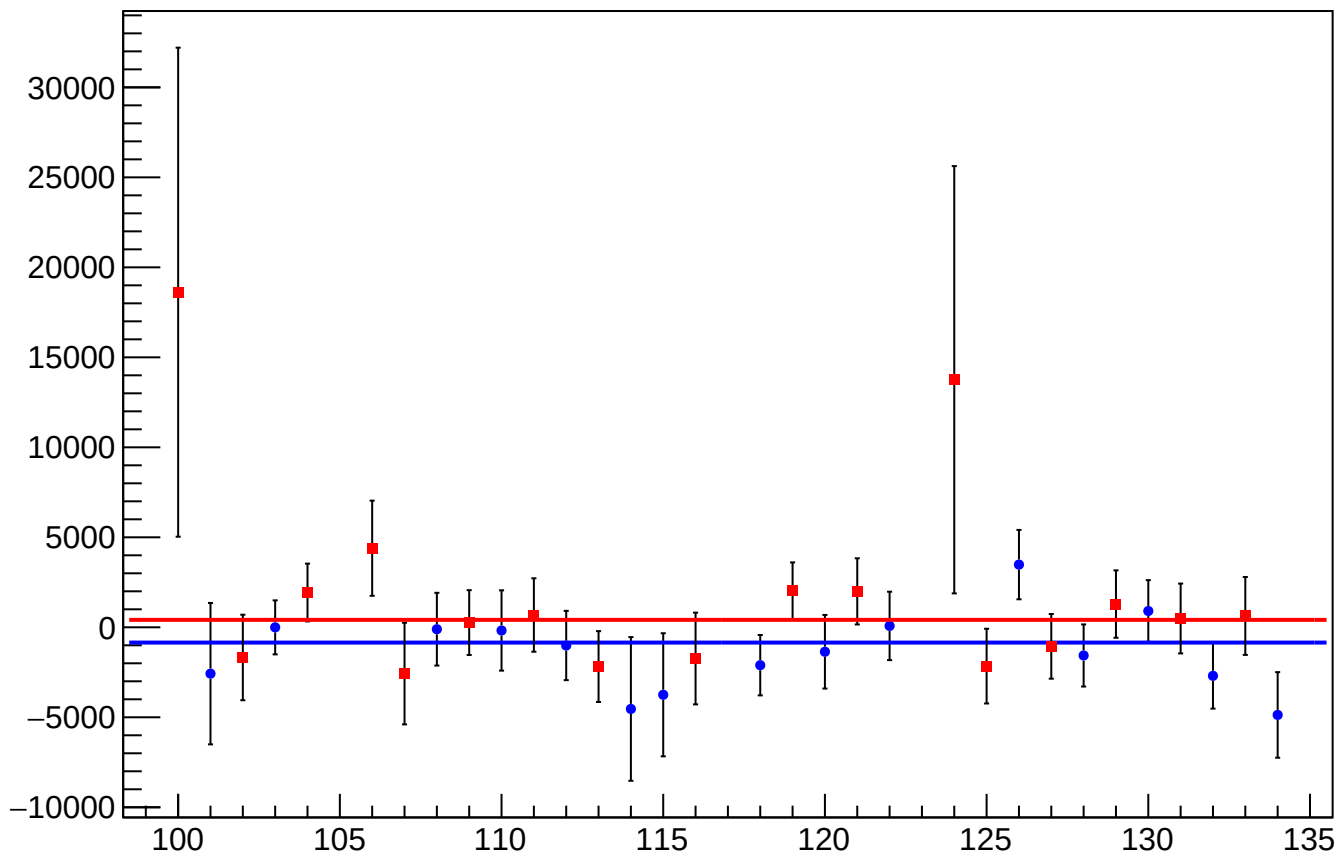
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.248+/-0.119 χ^2/NDF : 4501907.4/31

- sign 0.000+/-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: 413.469+/-512.399 χ^2/NDF : 14.8/16

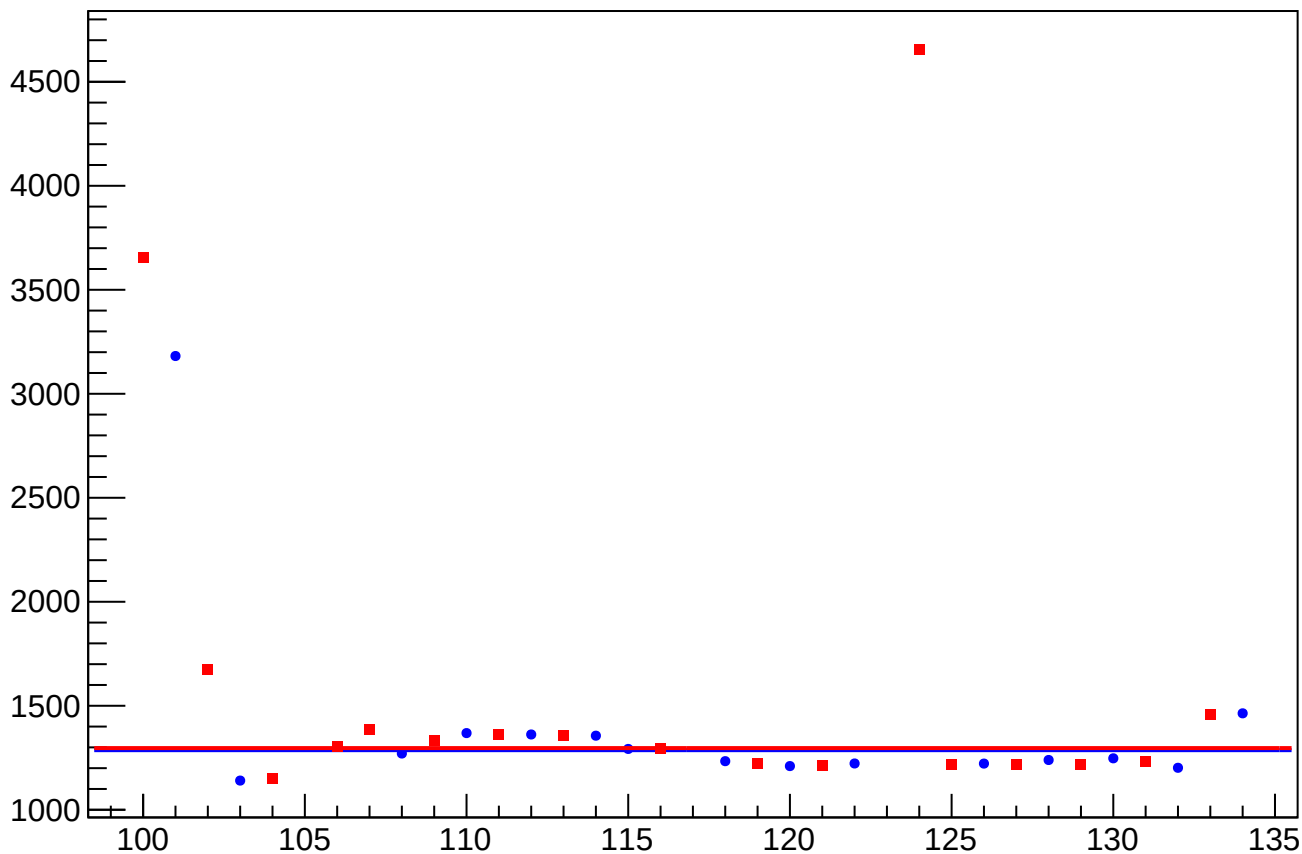
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -205.396+/-365.735 χ^2/NDF : 31.1/31

- 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: 1296.539+/-0.362 χ^2/NDF : 327520.9/16

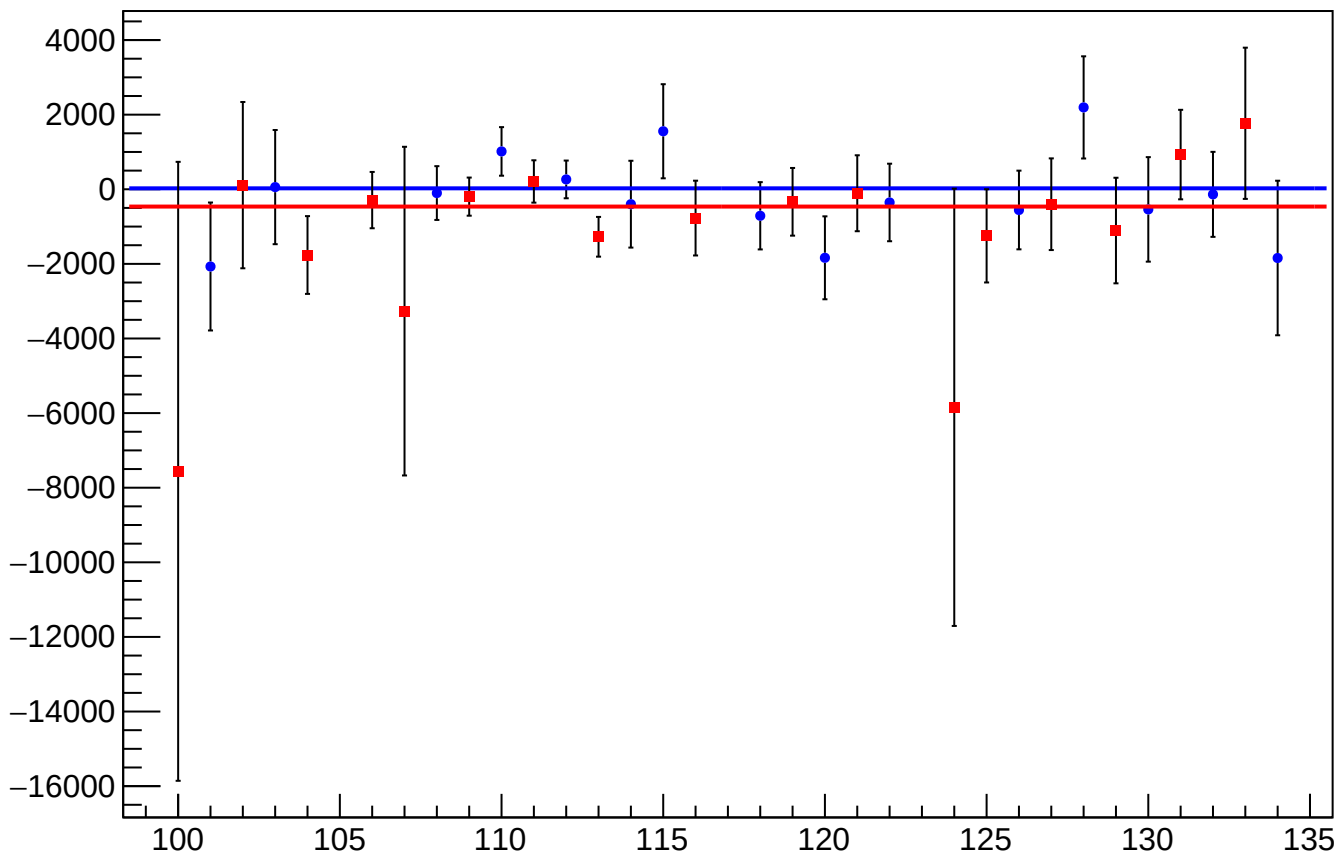
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.651+/-0.259 χ^2/NDF : 846007.2/31

- 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: -463.749+/-227.363 χ^2/NDF : 11.0/16

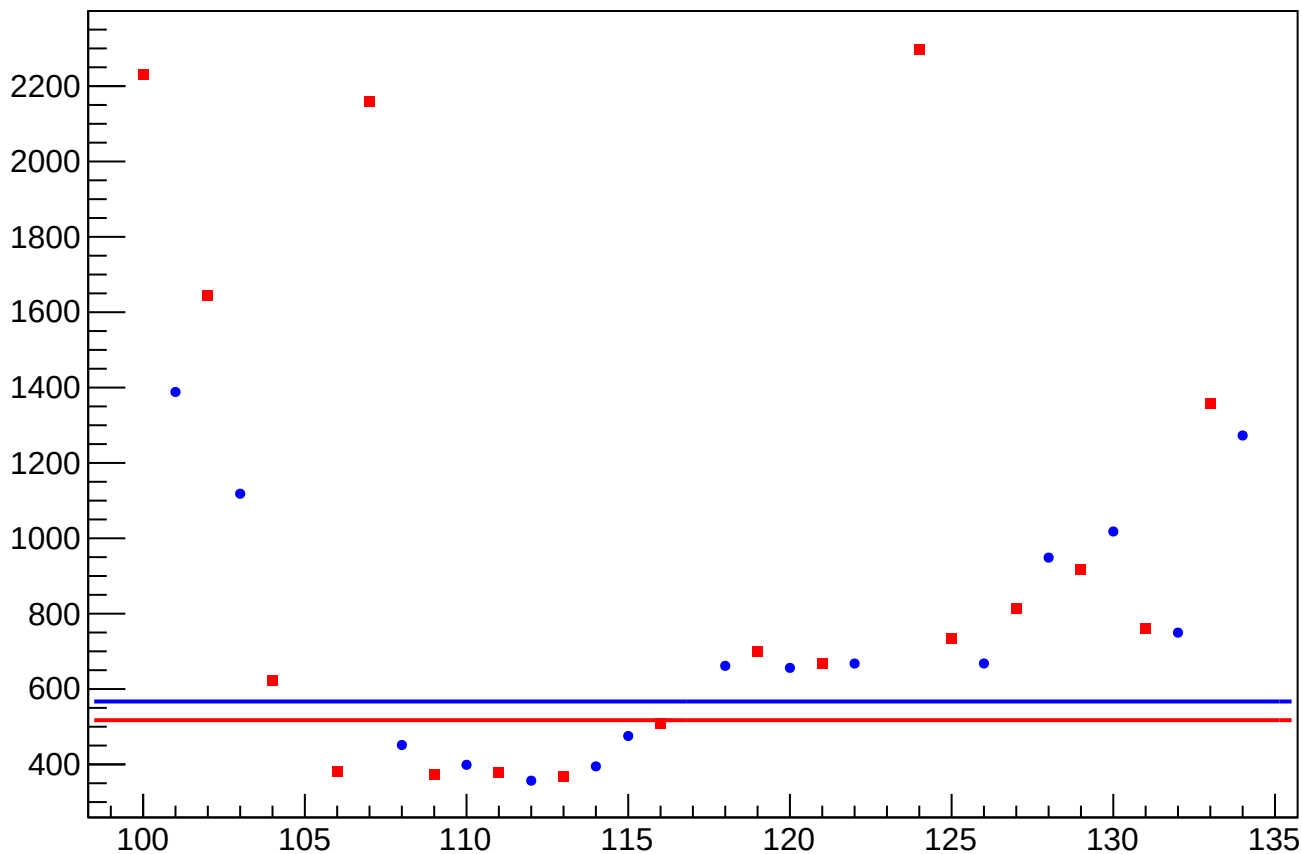
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -240.592+/-167.630 χ^2/NDF : 26.2/31

- 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

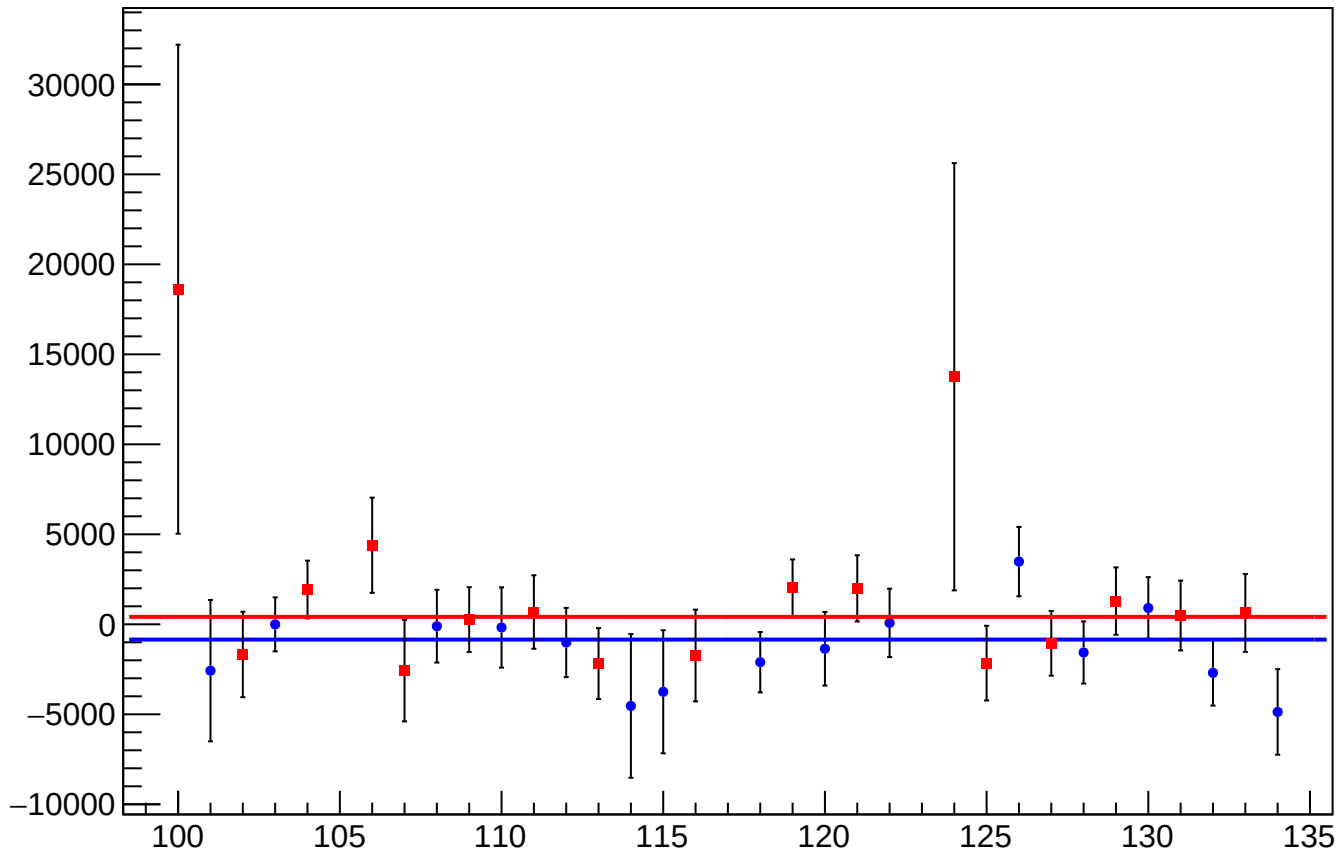
Right Out: 517.287+/-0.161 χ^2/NDF : 2471265.9/16

All: 539.959+/-0.119 χ^2/NDF : 4536101.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_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: 413.469+/-512.399 χ^2/NDF : 14.8/16

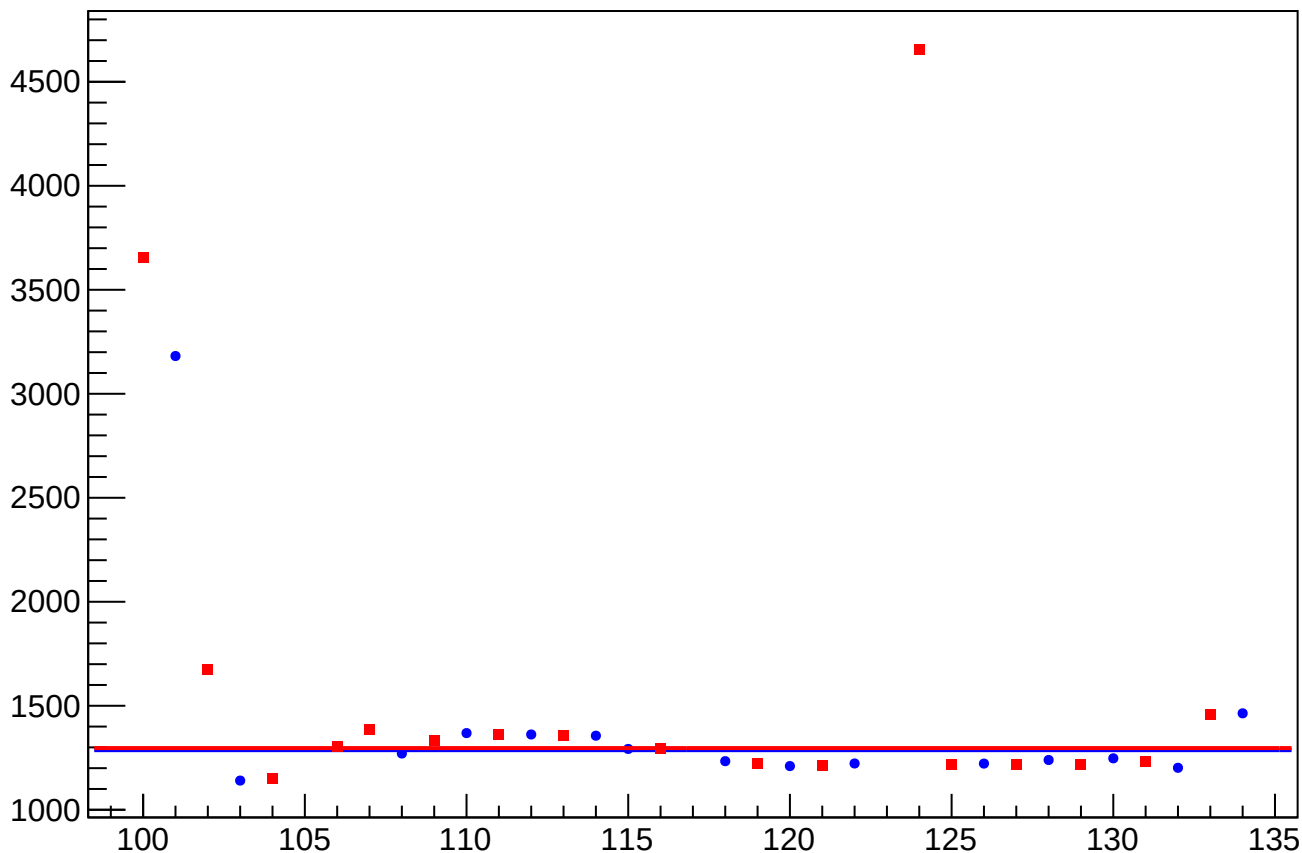
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -205.396+/-365.735 χ^2/NDF : 31.1/31

- 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: 1296.539+/-0.362 χ^2/NDF : 327520.9/16

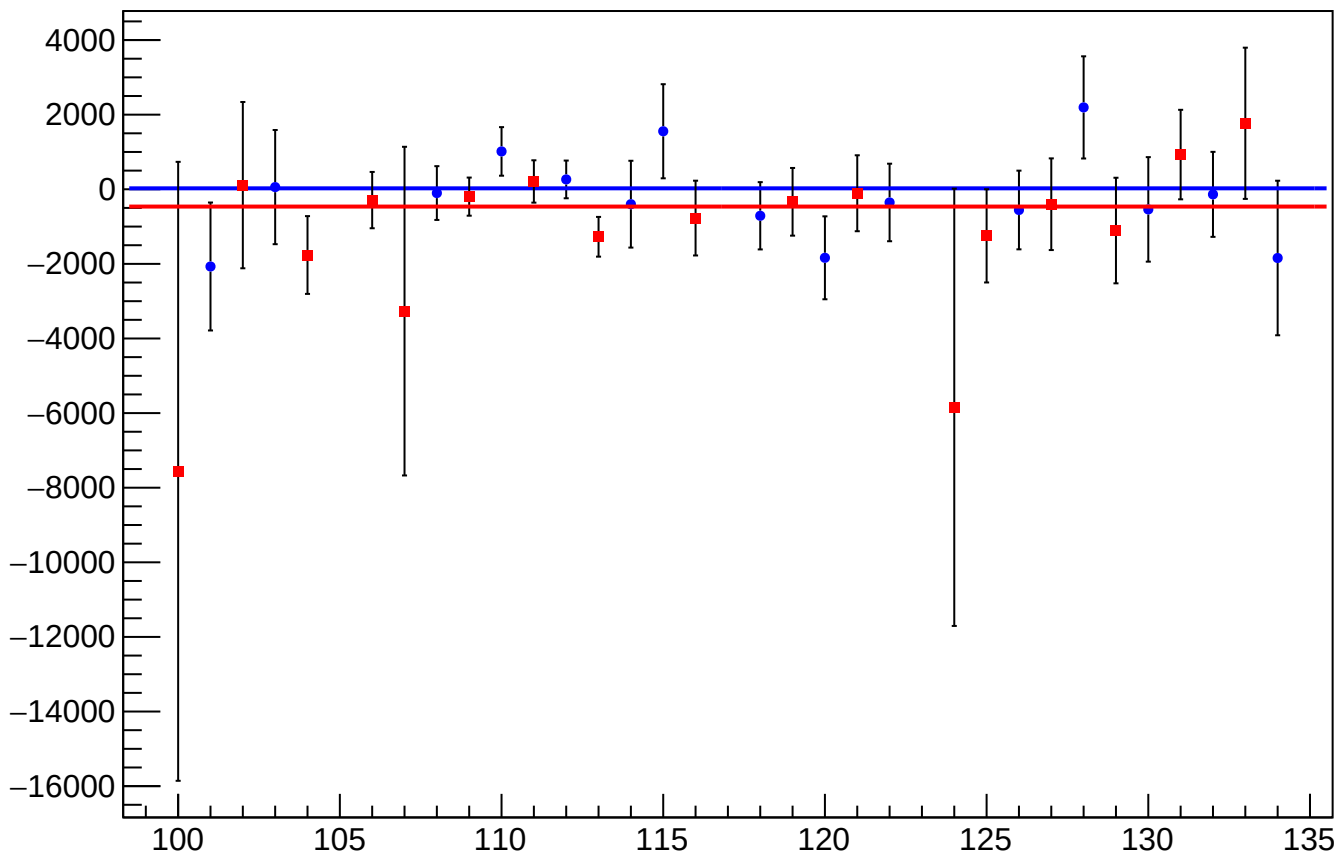
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.651+/-0.259 χ^2/NDF : 846007.2/31

- 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: -463.749+/-227.363 χ^2/NDF : 11.0/16

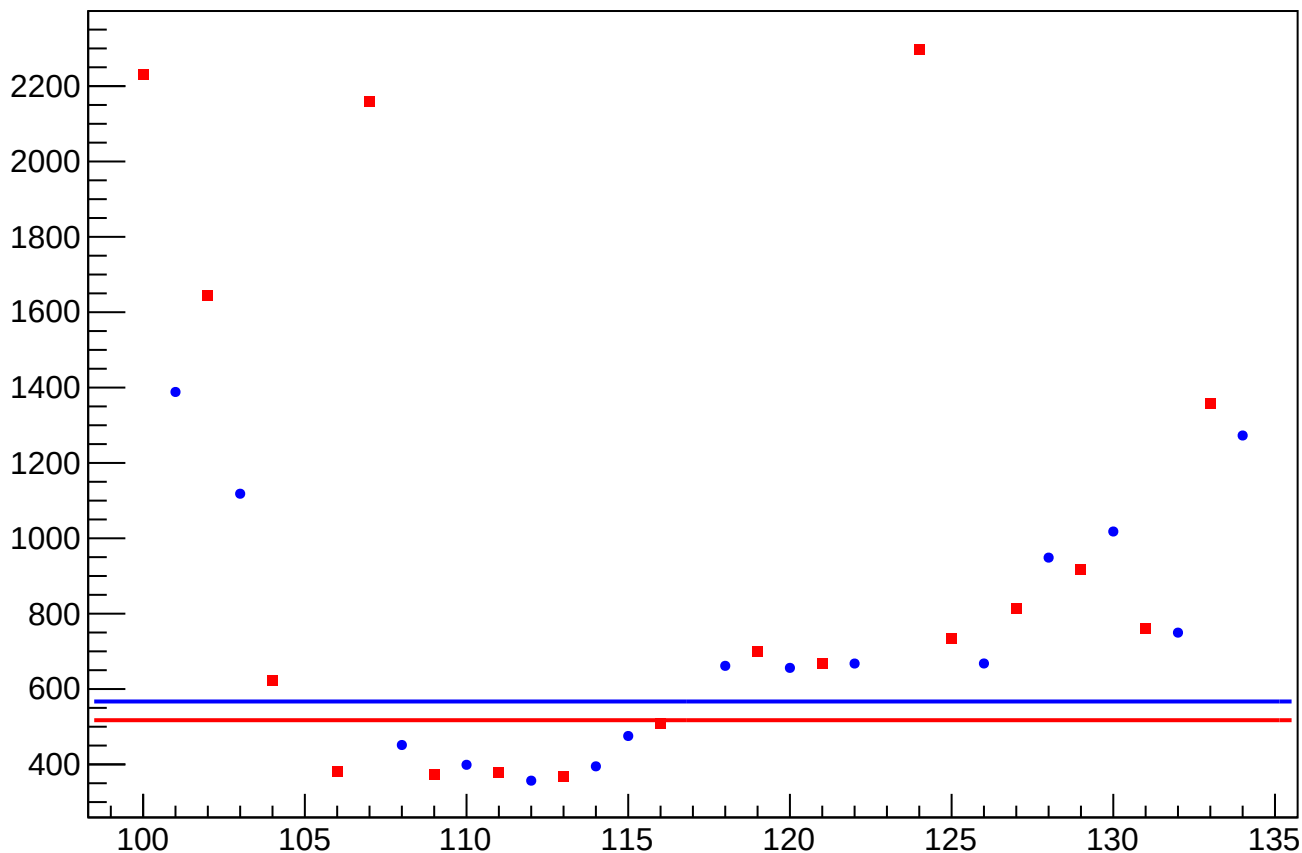
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -240.592+/-167.630 χ^2/NDF : 26.2/31

- 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: 517.287+/-0.161 χ^2/NDF : 2471265.9/16

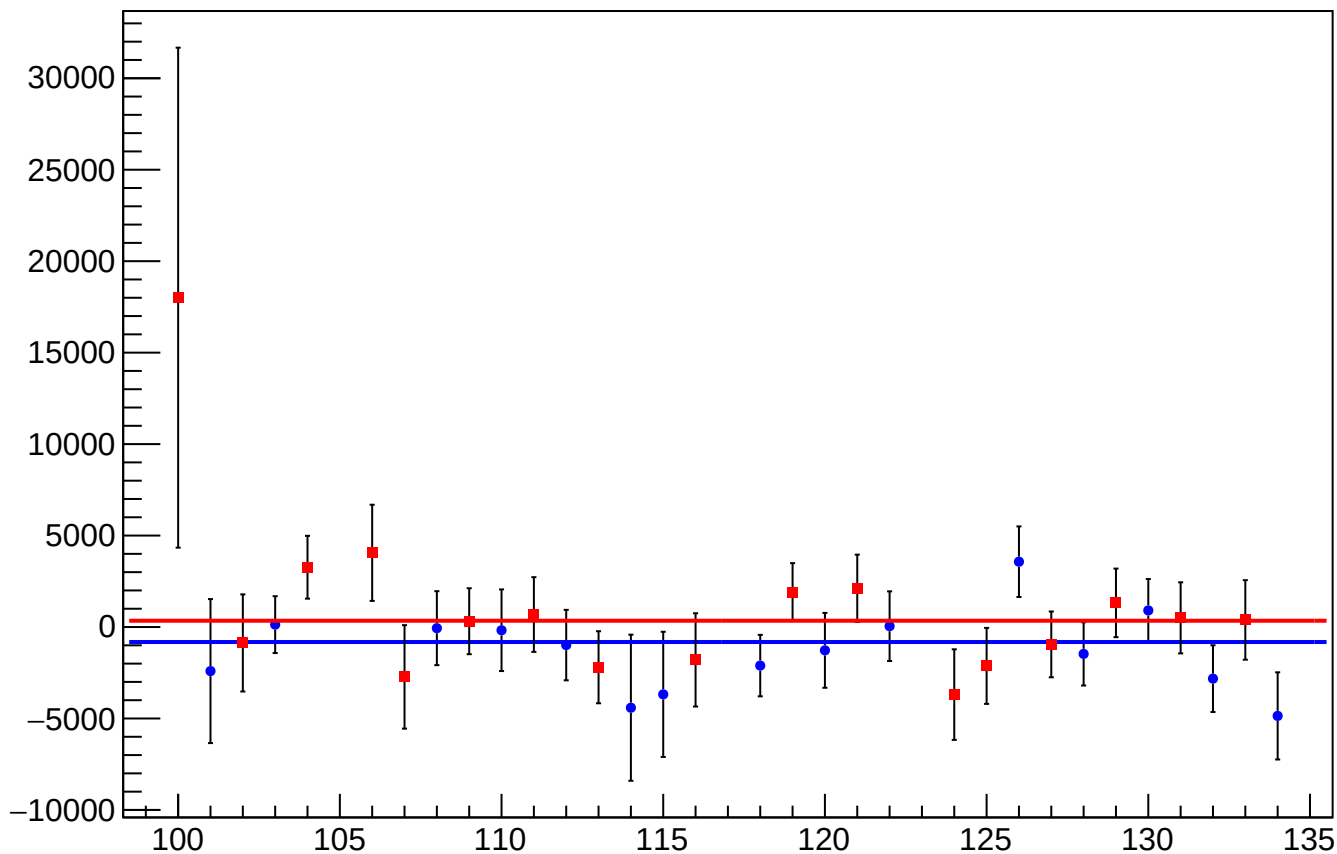
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 539.959+/-0.119 χ^2/NDF : 4536101.7/31

- 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: 344.103 ± 508.049 χ^2/NDF : 17.1/16

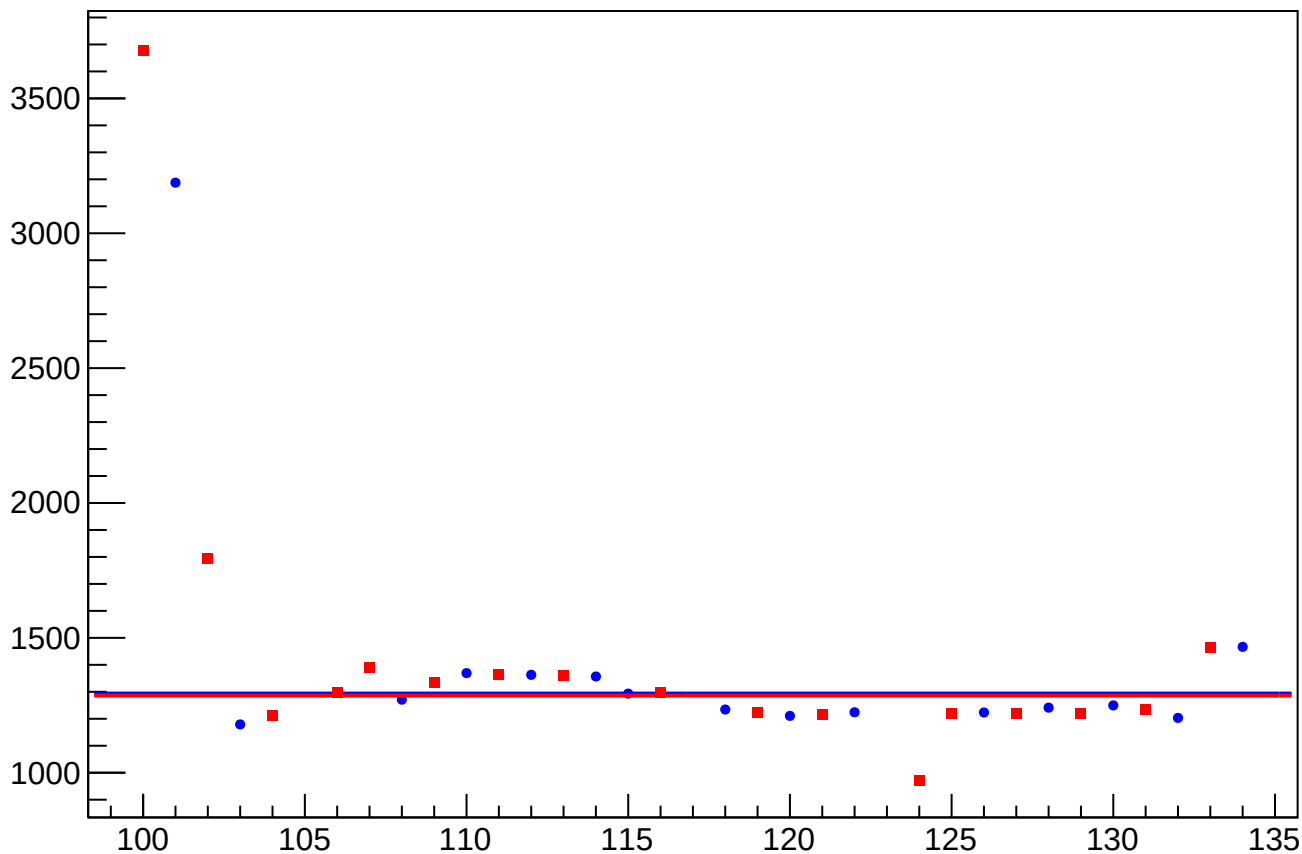
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -218.712 ± 365.025 χ^2/NDF : 33.2/31

- 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

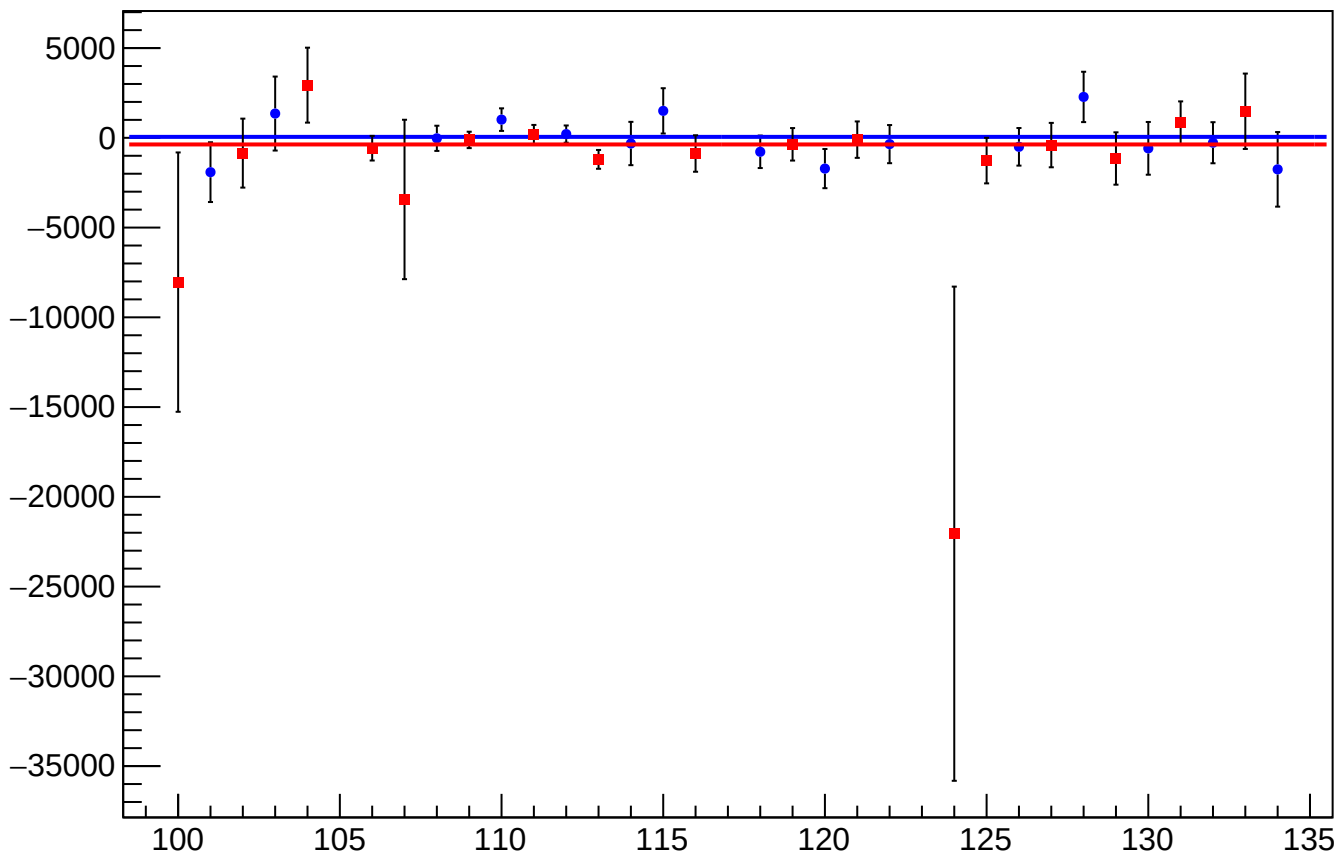
Right Out: 1286.078+/-0.359 χ^2/NDF : 208756.4/16

All: 1289.581+/-0.258 χ^2/NDF : 718267.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_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: -369.222 $\pm$ 220.983 χ^2 /NDF: 13.5/16

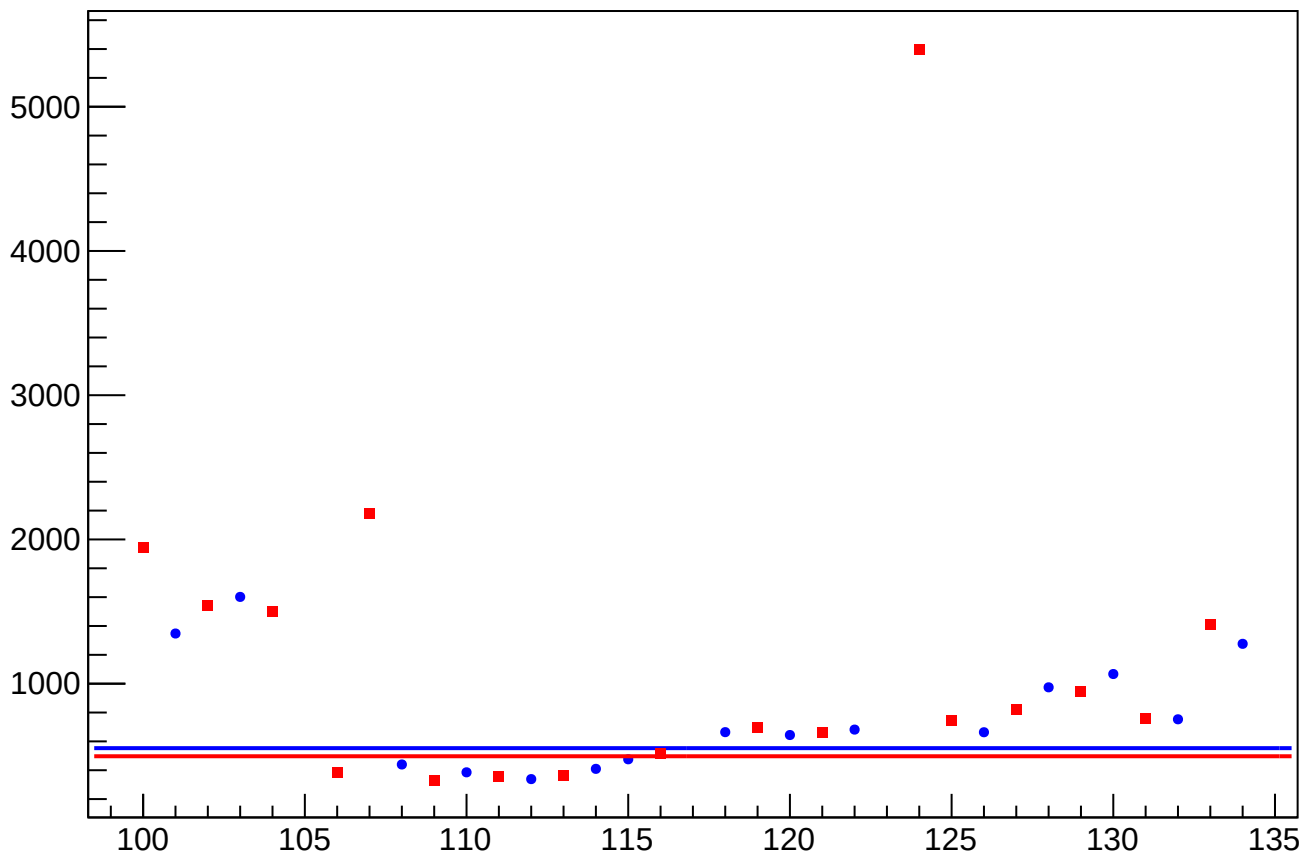
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -179.910 $\pm$ 164.139 χ^2 /NDF: 28.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_dit_correction_rms vs Slug



Right In: 553.060 $\pm$ 0.173 χ^2 /NDF: 2428331.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 496.853 $\pm$ 0.156 χ^2 /NDF: 3304215.7/16

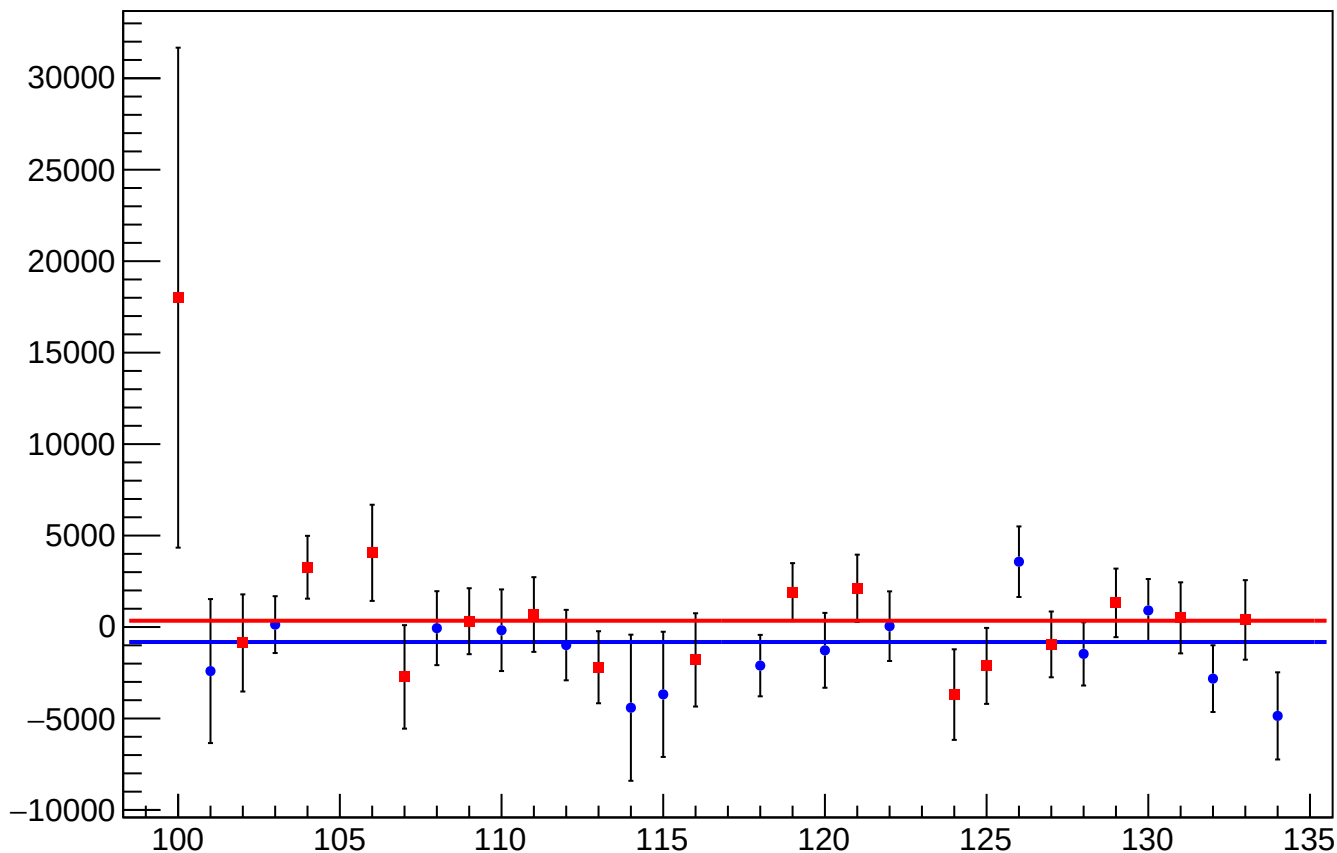
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 522.050 $\pm$ 0.116 χ^2 /NDF: 5790551.4/31

- sign 0.000 $\pm$ 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: 344.103+/-508.049 χ^2/NDF : 17.1/16

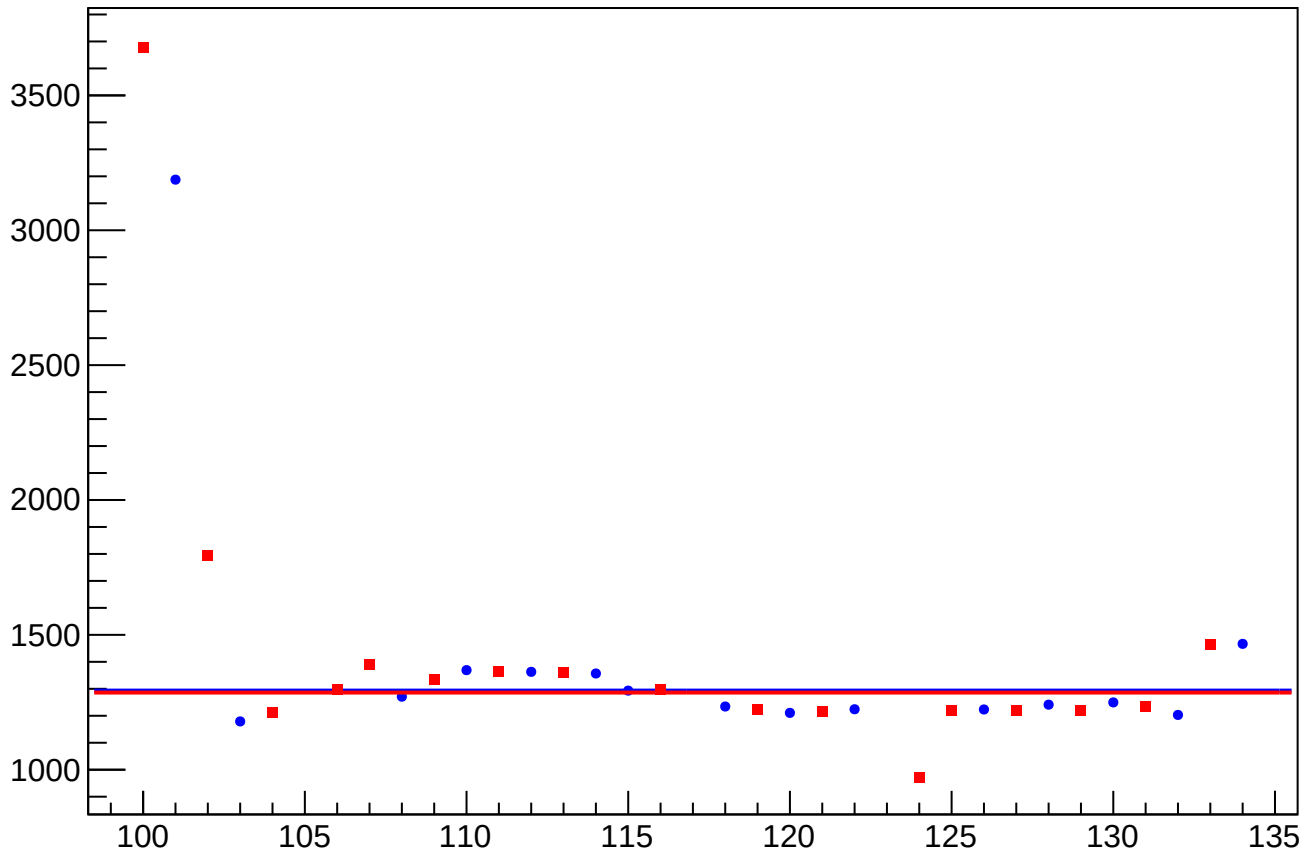
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -218.710+/-365.025 χ^2/NDF : 33.2/31

- 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

Right Out: 1286.078+/-0.359 χ^2/NDF : 208756.7/16

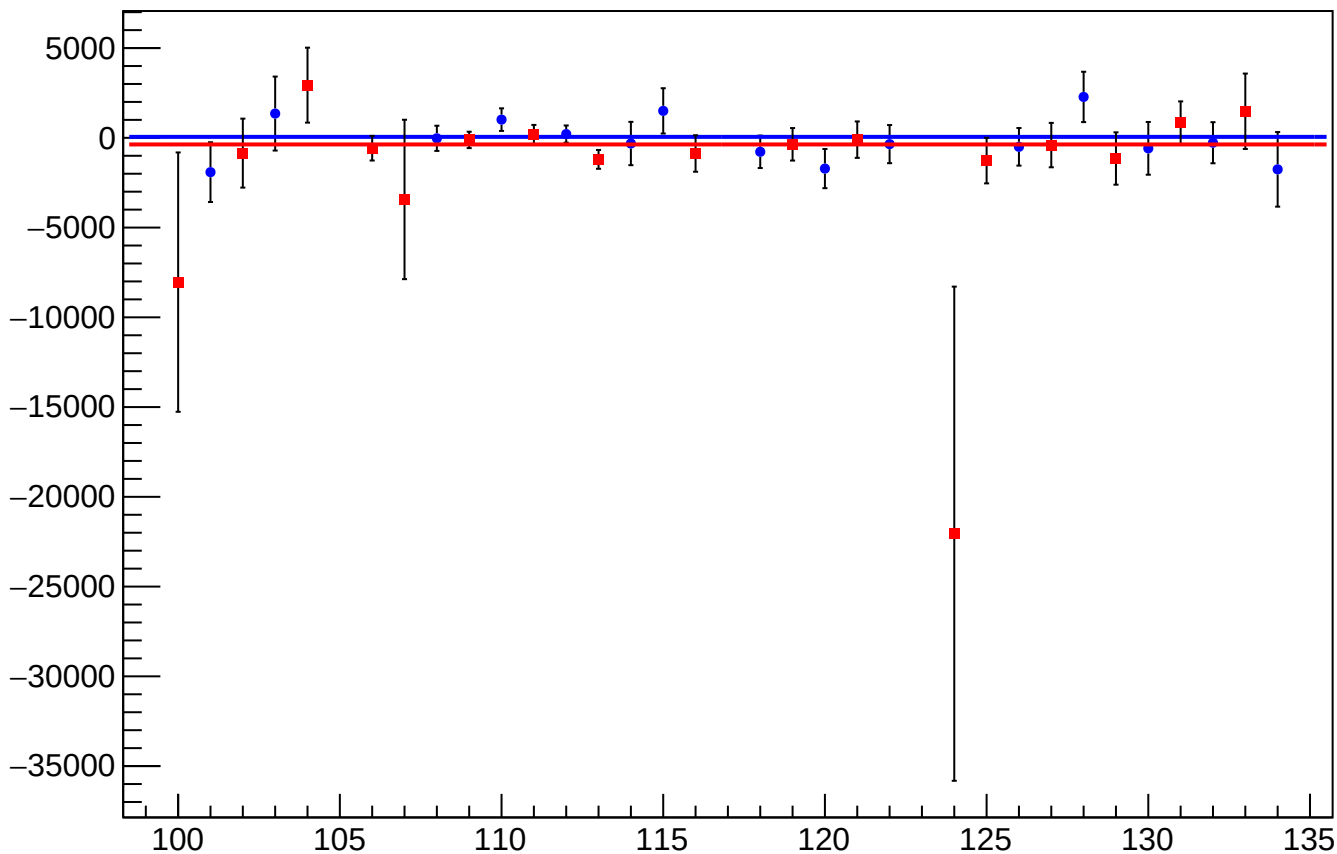
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.581+/-0.258 χ^2/NDF : 718267.5/31

- sign 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: -369.221 $\pm$ 220.983 χ^2 /NDF: 13.5/16

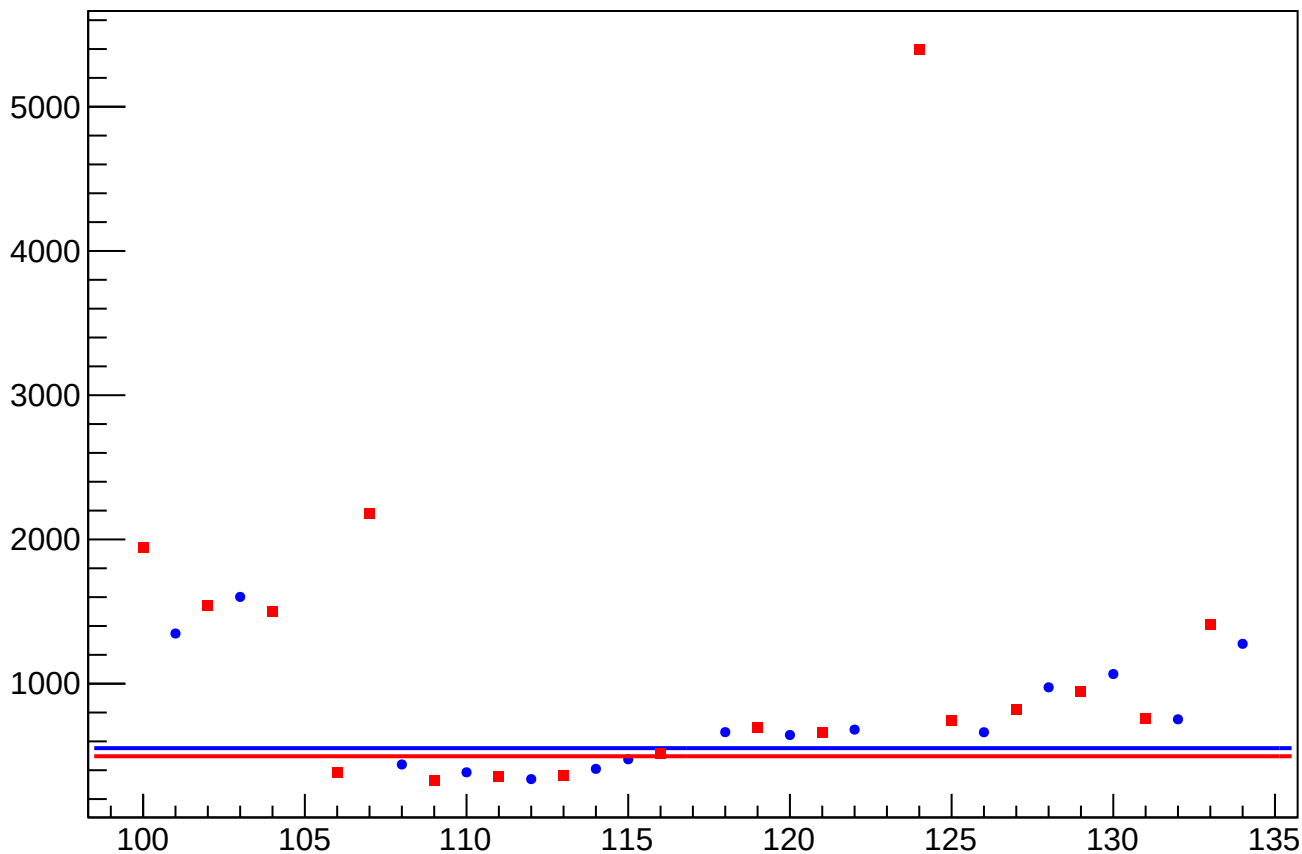
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -179.909 $\pm$ 164.138 χ^2 /NDF: 28.3/31

- 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

Right Out: 496.851+/-0.156 χ^2/NDF : 3304223.2/16

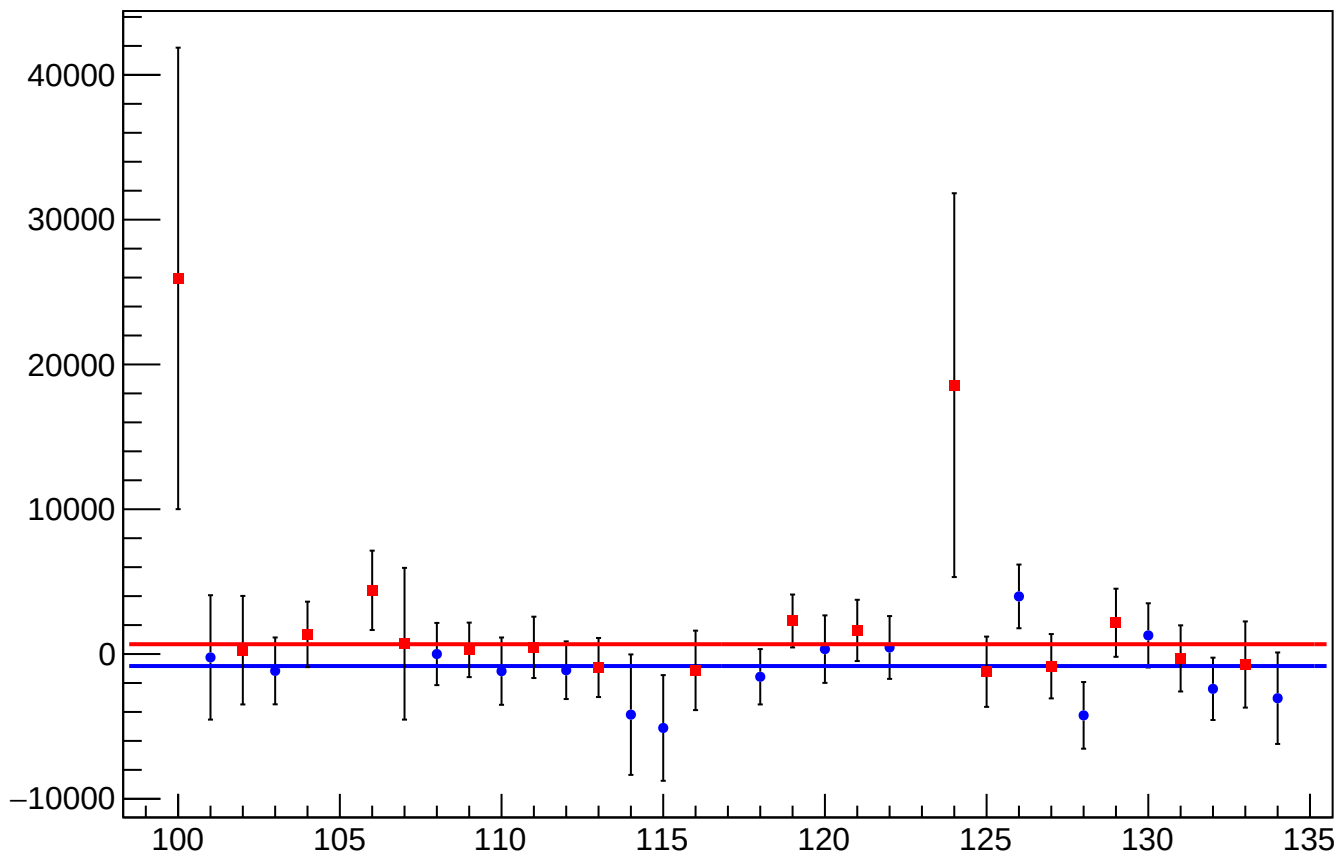
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.048+/-0.116 χ^2/NDF : 5790563.5/31

- sign 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: 678.558+/-607.974 χ^2/NDF : 10.2/16

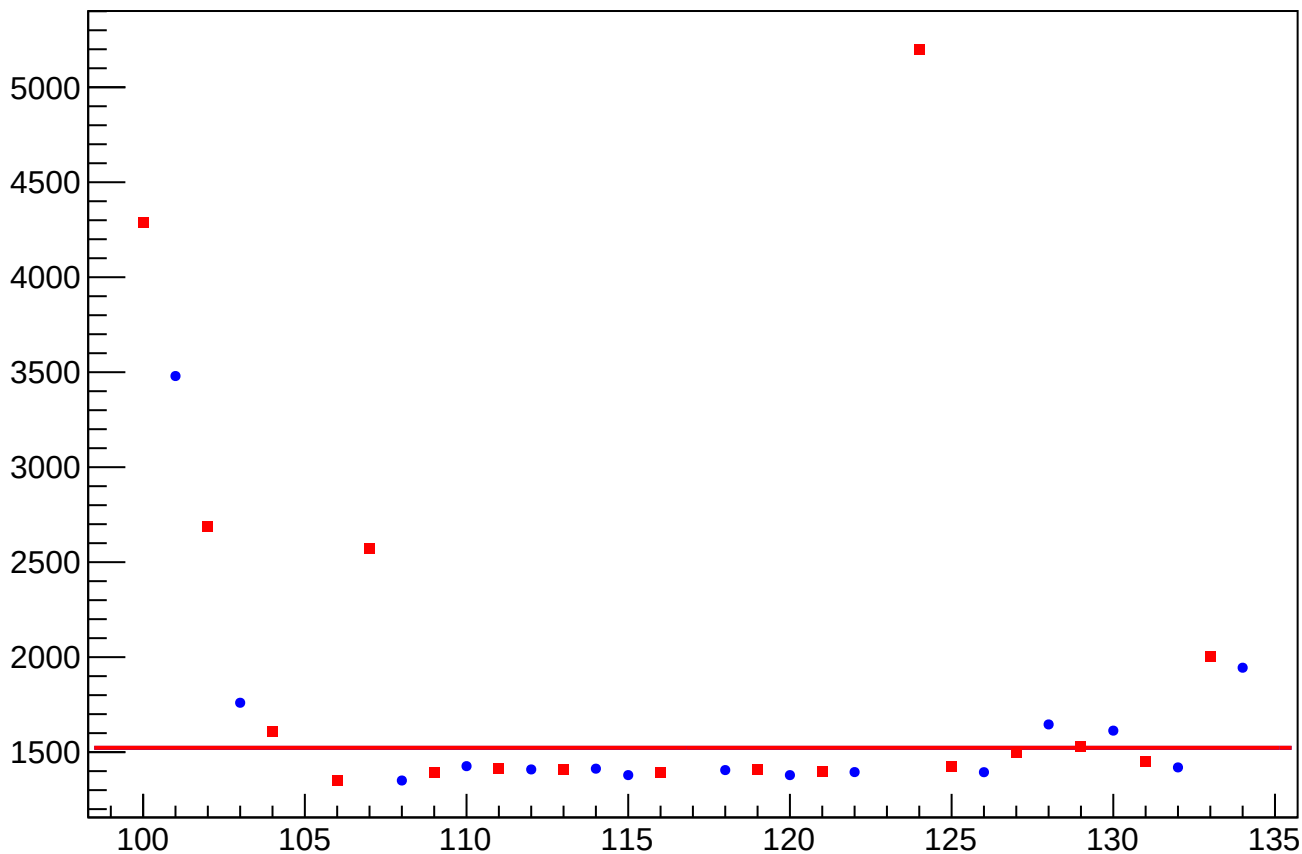
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -62.243+/-433.596 χ^2/NDF : 25.2/31

- 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: 1523.038+/-0.430 χ^2/NDF : 594813.3/16

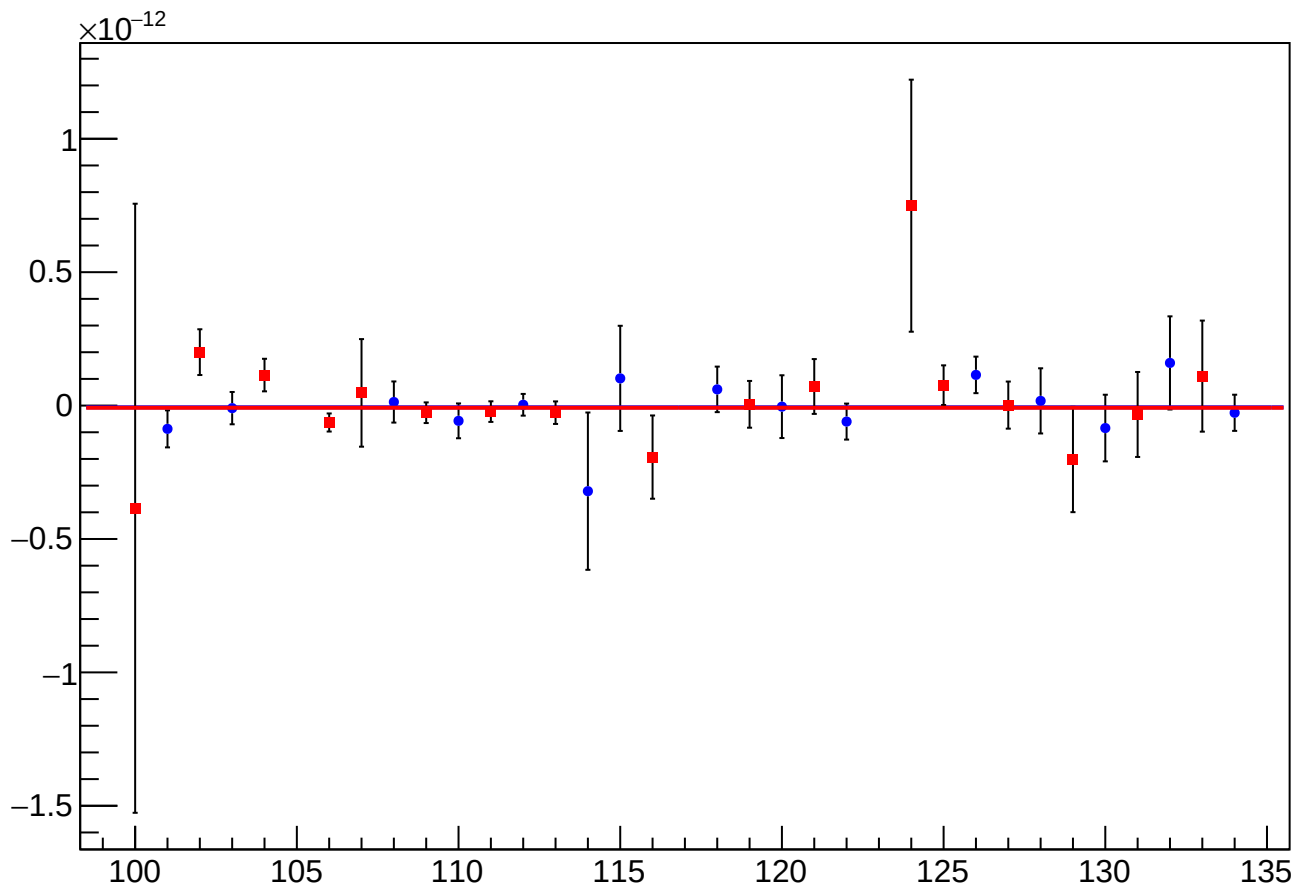
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1522.719+/-0.307 χ^2/NDF : 1136528.9/31

- 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: 20.6/16

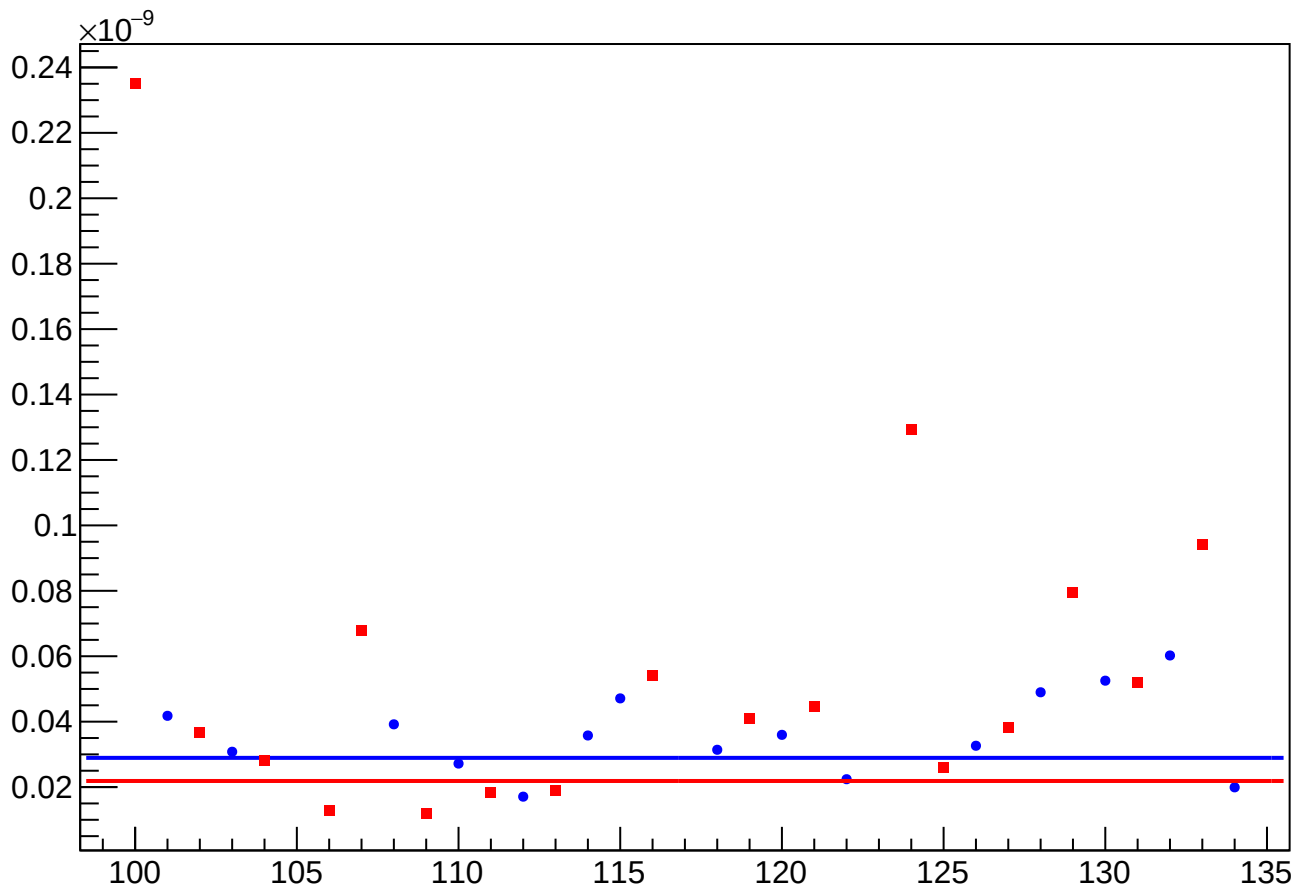
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 29.9/31

- 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+/-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 : 1500598.7/16

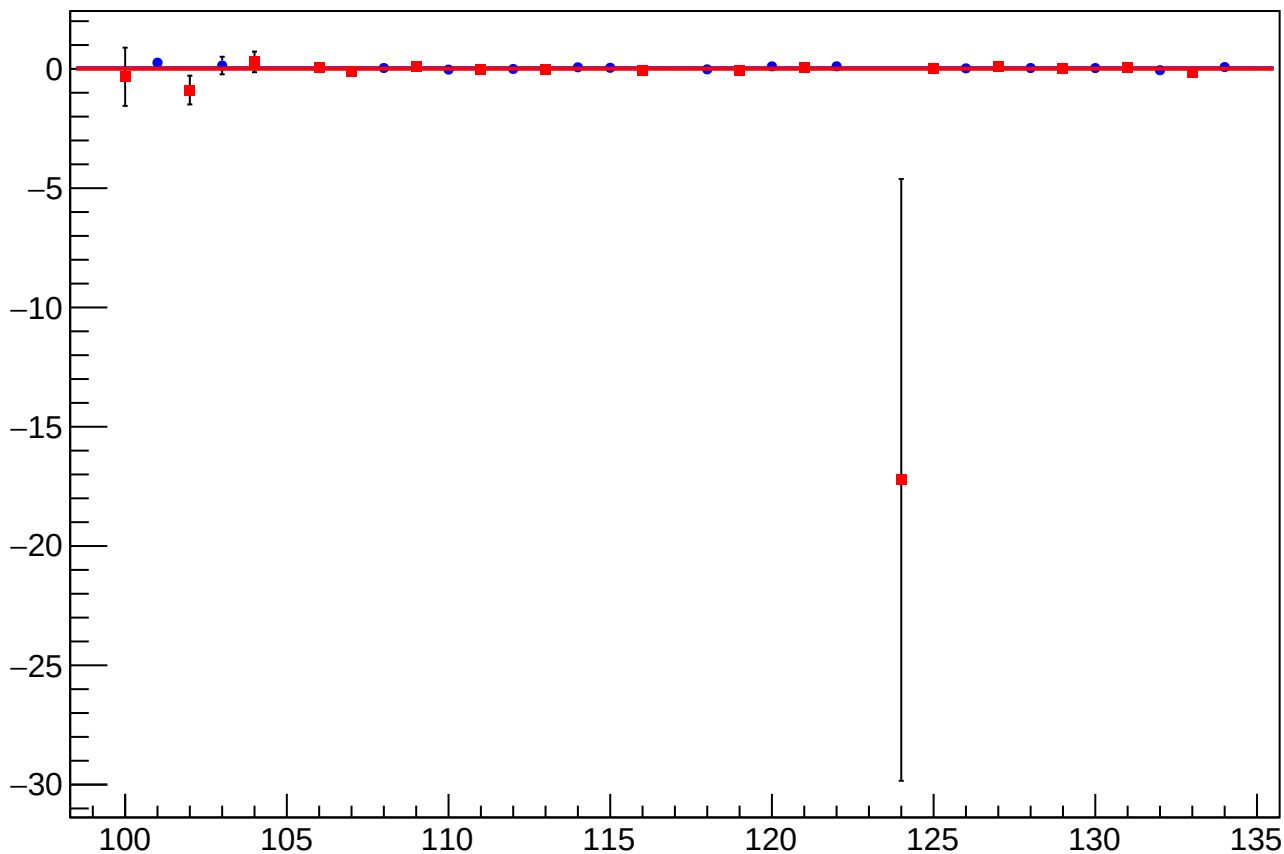
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2207603.6/31

- sign 0.000+/-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: 0.010 $\pm$ 0.018 χ^2 /NDF: 15.8/16

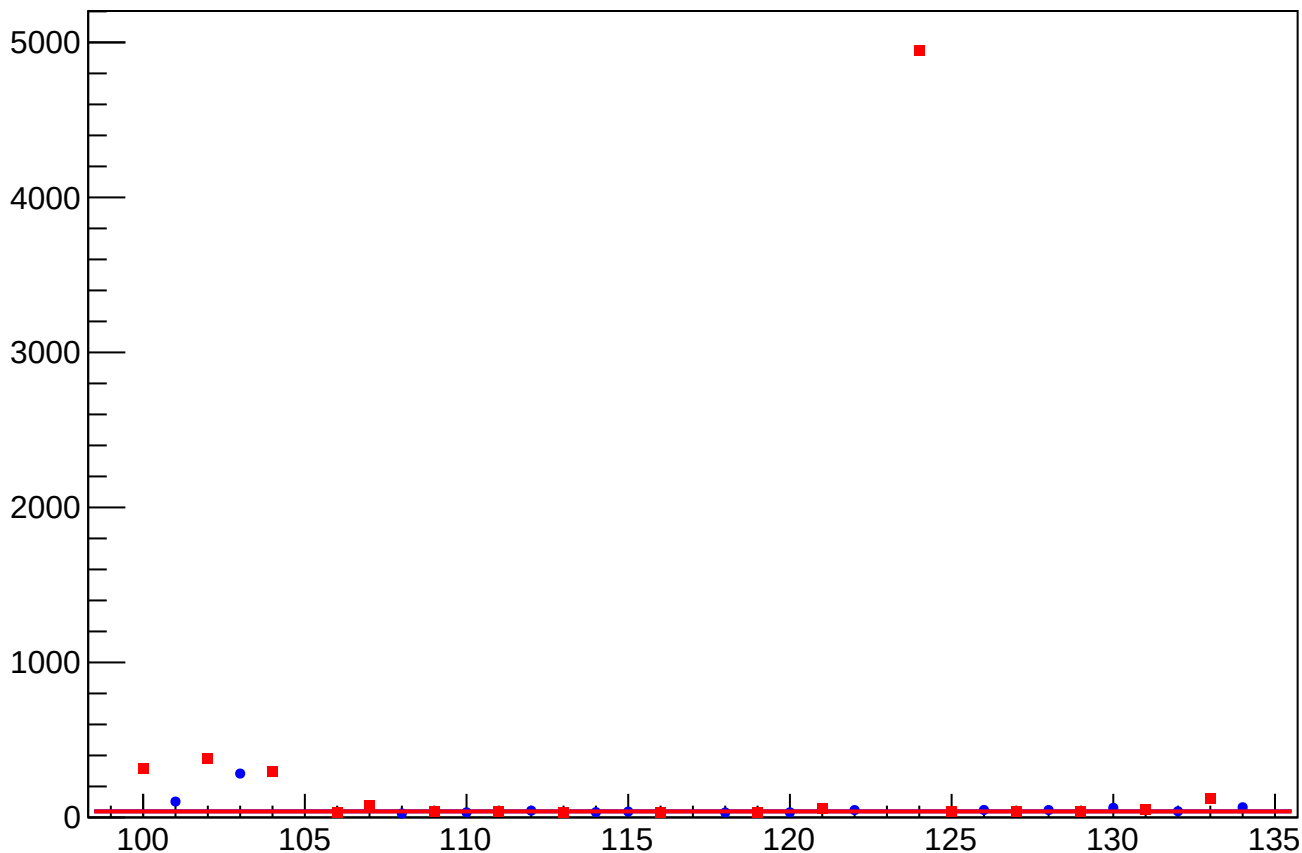
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.013 χ^2 /NDF: 26.5/31

- 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: 38.919+/-0.013 χ^2/NDF : 2491876.4/16

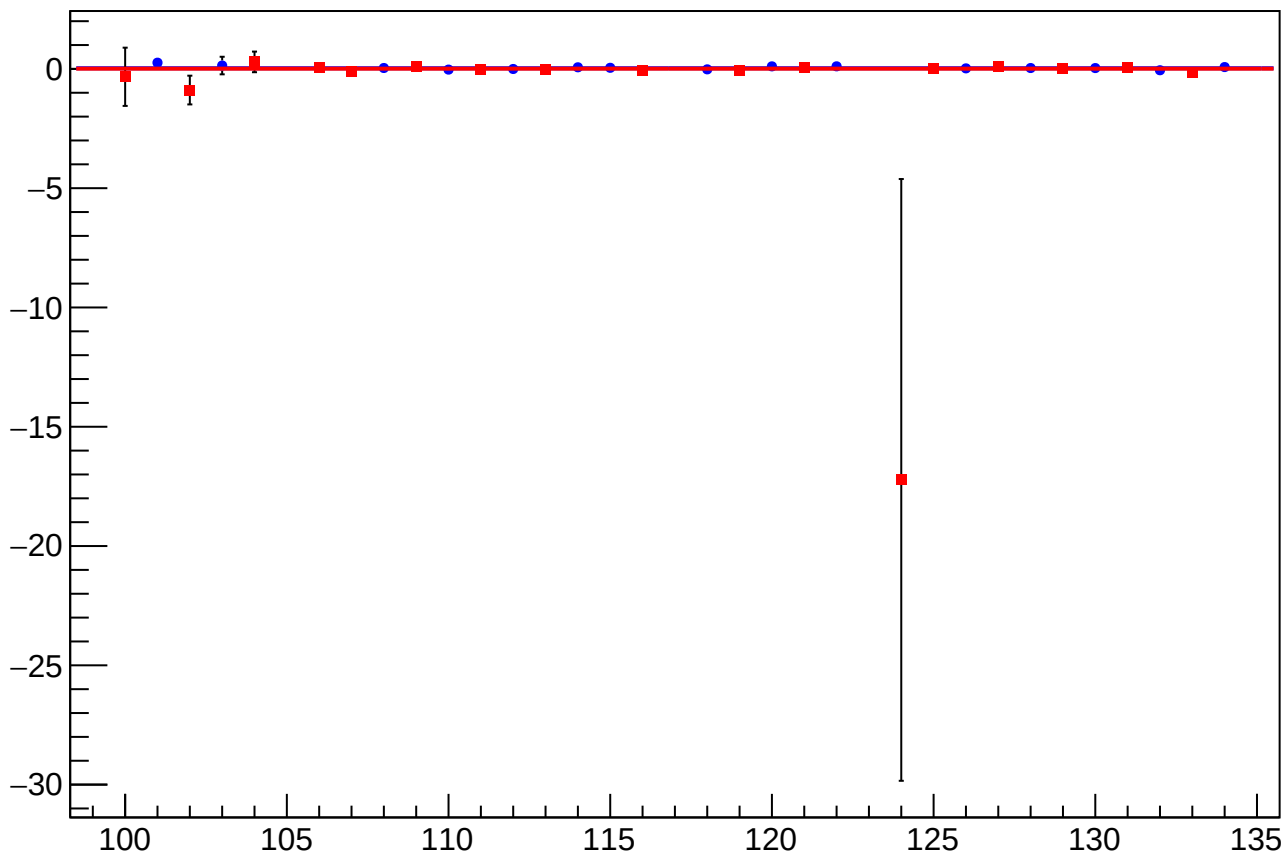
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.225+/-0.009 χ^2/NDF : 4430590.1/31

- 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: 0.010 $\pm$ 0.018 χ^2 /NDF: 15.8/16

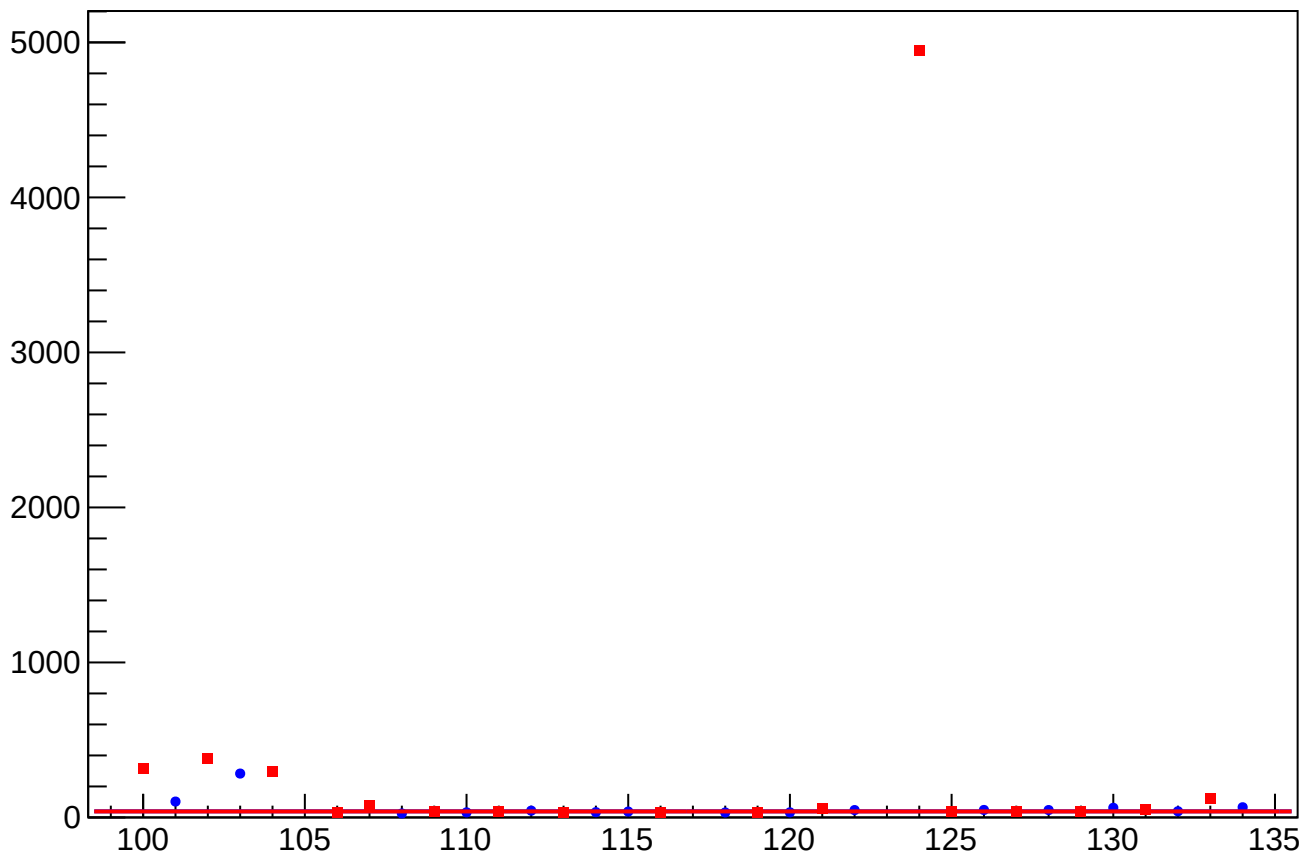
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.013 χ^2 /NDF: 26.5/31

- 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 $\pm$ 0.013 χ^2 /NDF: 1937587.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.919 $\pm$ 0.013 χ^2 /NDF: 2491876.4/16

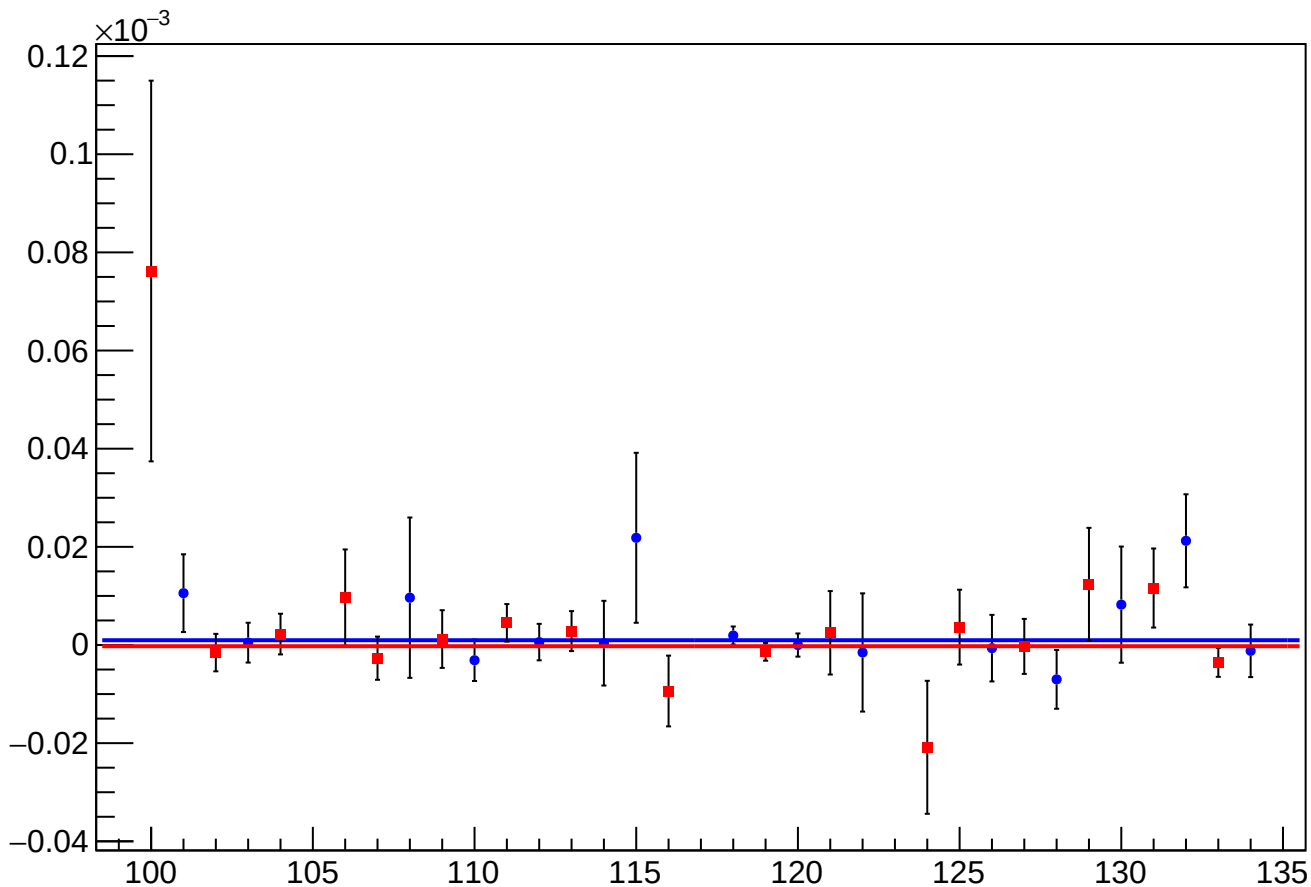
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.225 $\pm$ 0.009 χ^2 /NDF: 4430590.1/31

- sign 0.000 $\pm$ 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: 17.2/16

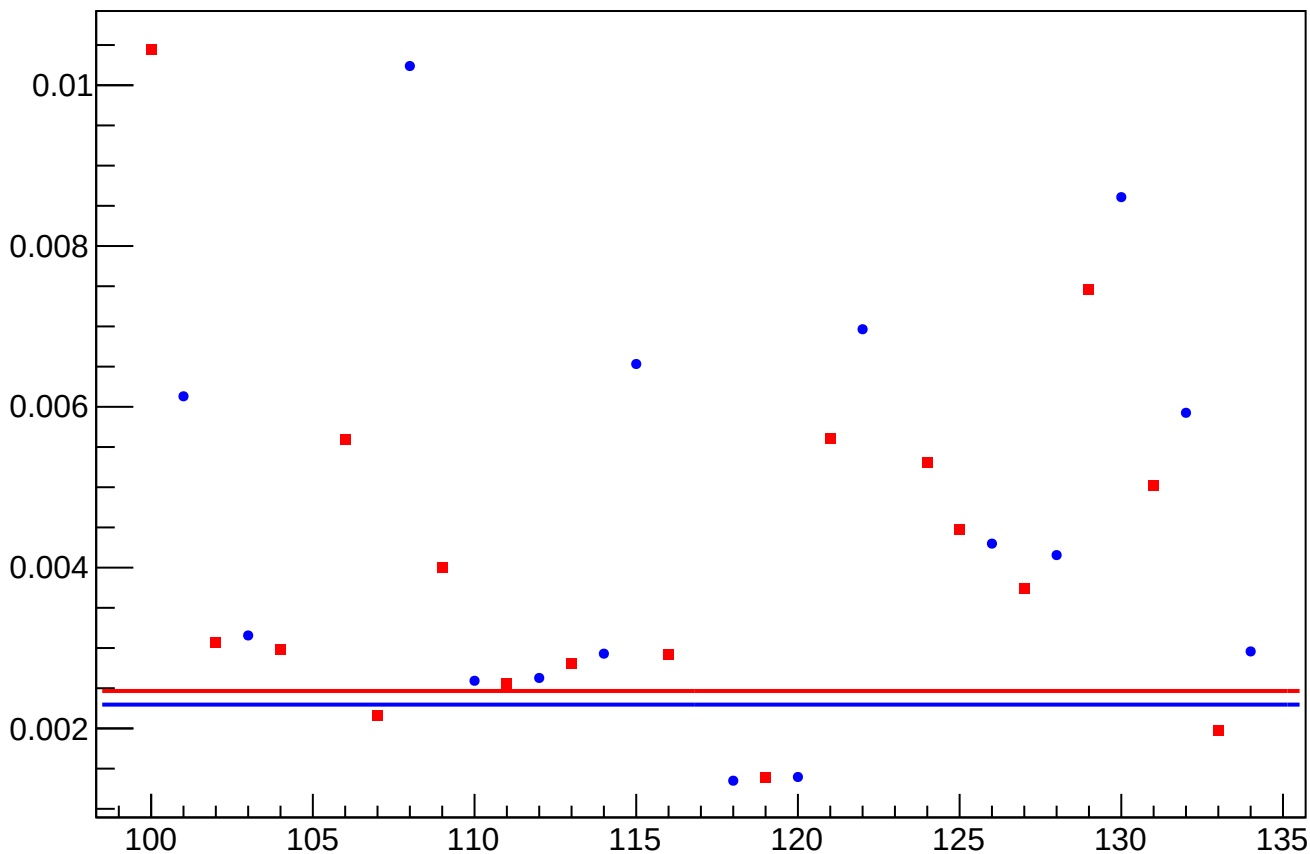
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 29.4/31

- 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: 0.002+/-0.000 χ^2/NDF : 2481197.0/16

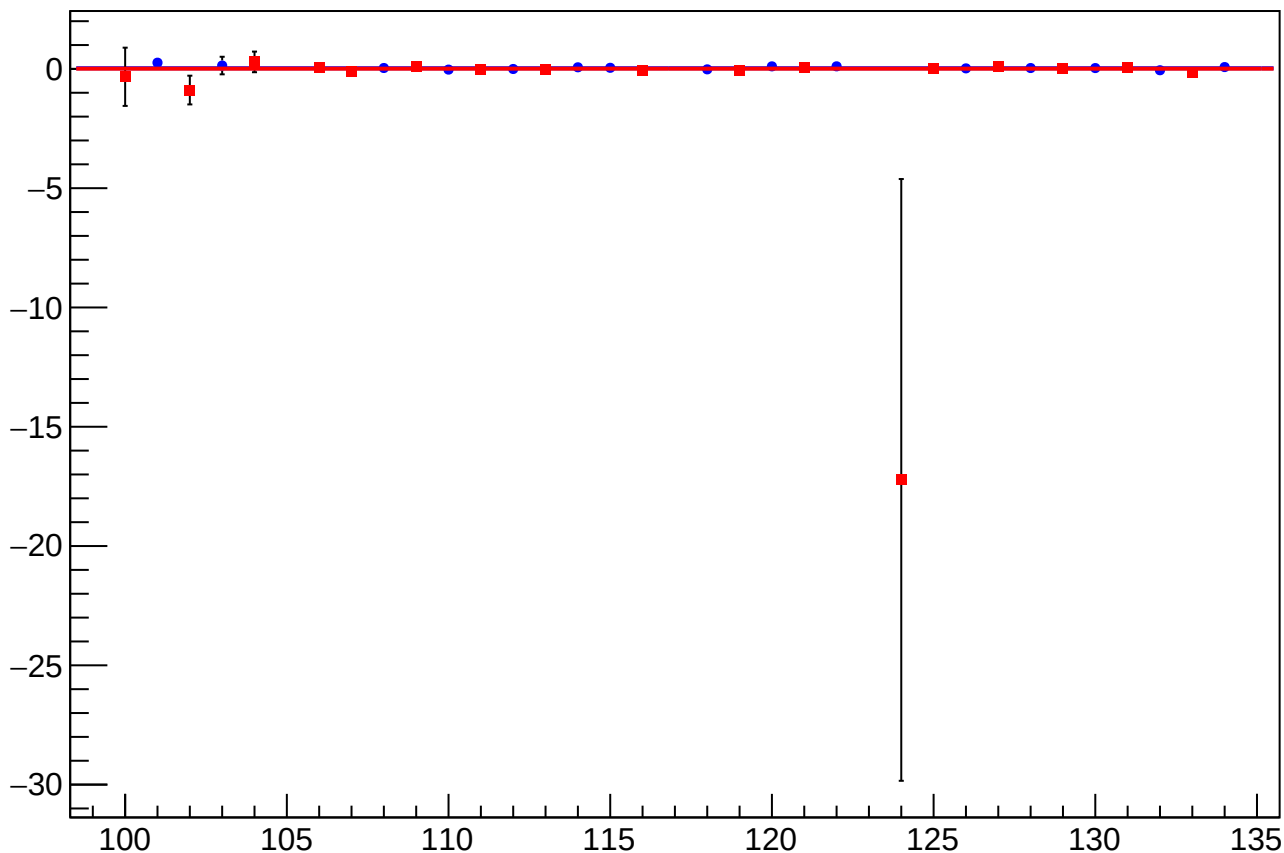
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6075324.2/31

- 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: 0.010 $\pm$ 0.018 χ^2 /NDF: 15.8/16

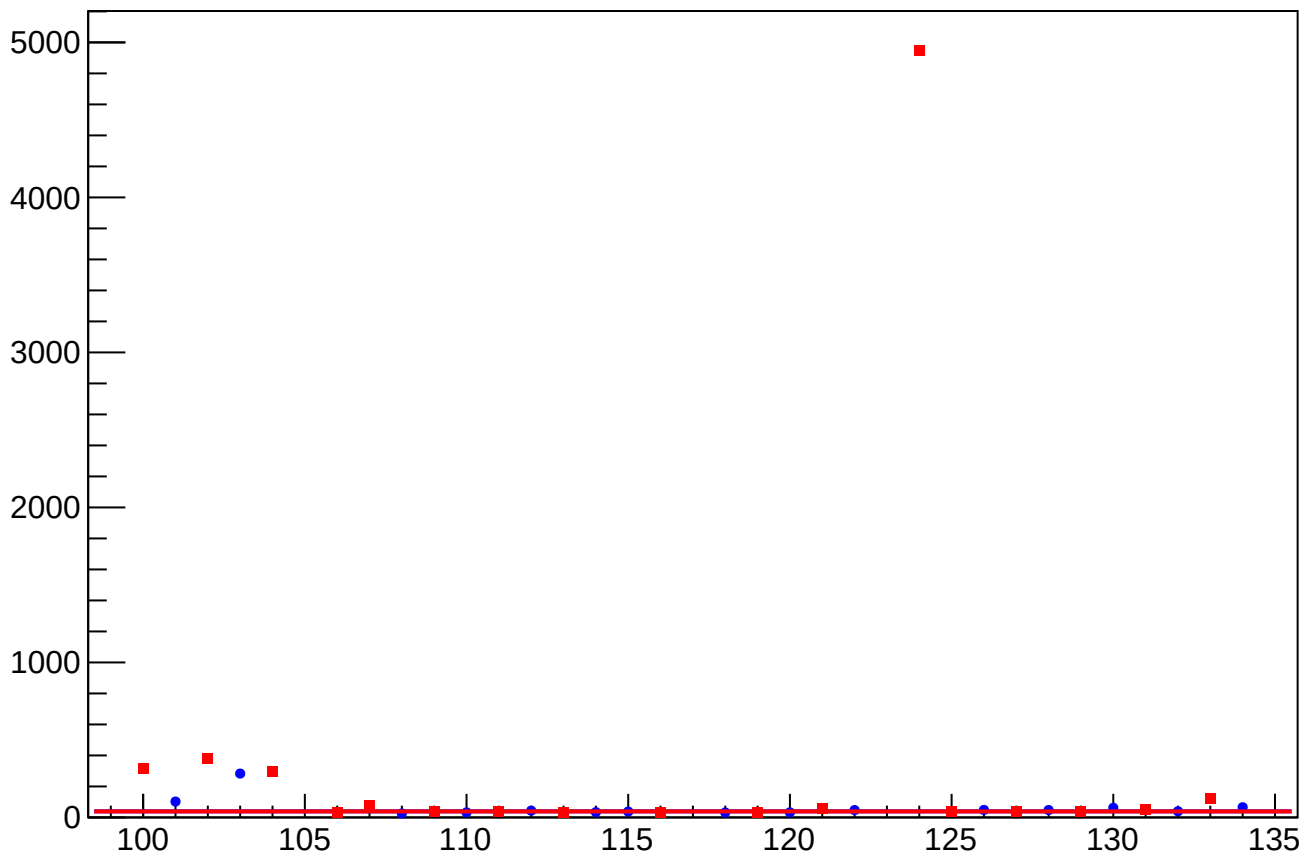
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.013 χ^2 /NDF: 26.5/31

- 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 χ^2 /NDF: 1937436.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.919 $\pm$ 0.013 χ^2 /NDF: 2491874.5/16

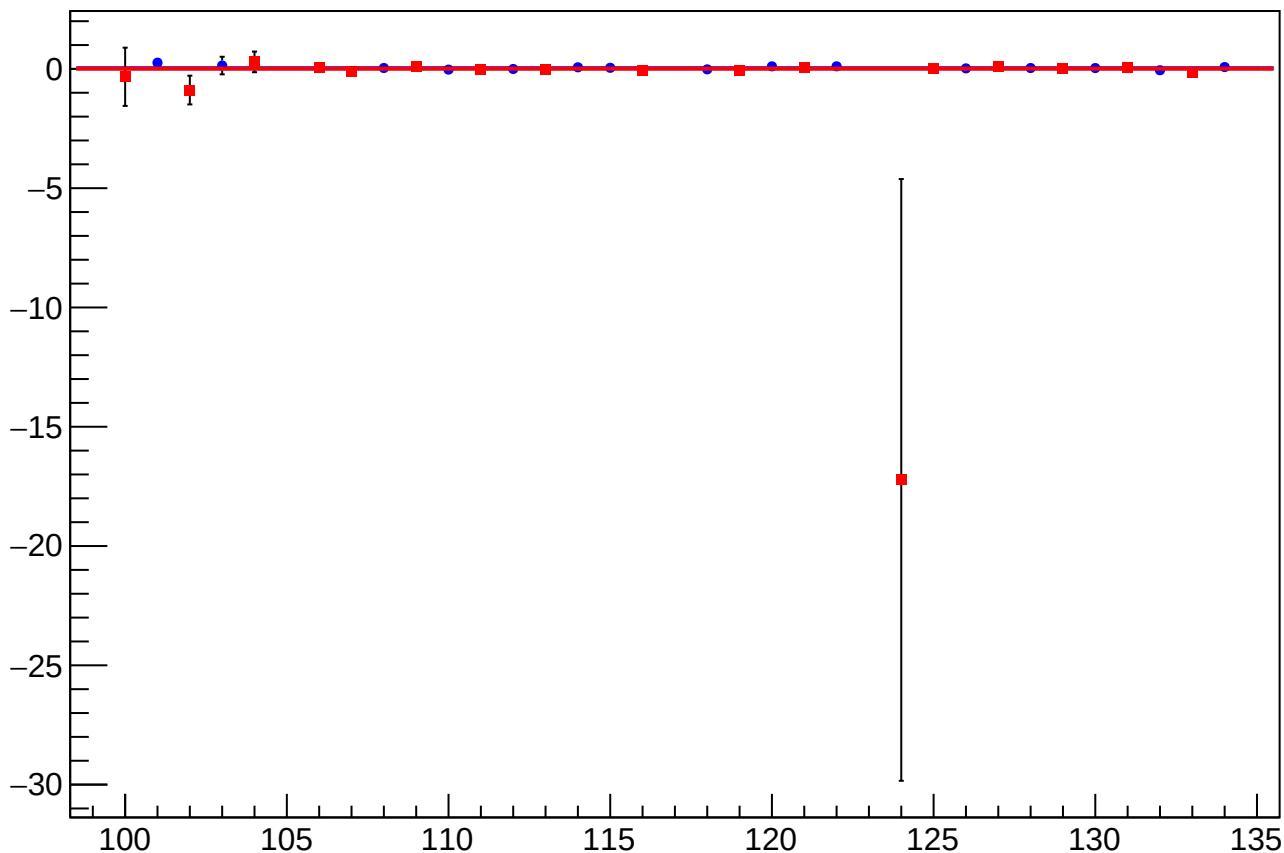
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.225 $\pm$ 0.009 χ^2 /NDF: 4430440.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_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: 0.010 $\pm$ 0.018 χ^2 /NDF: 15.8/16

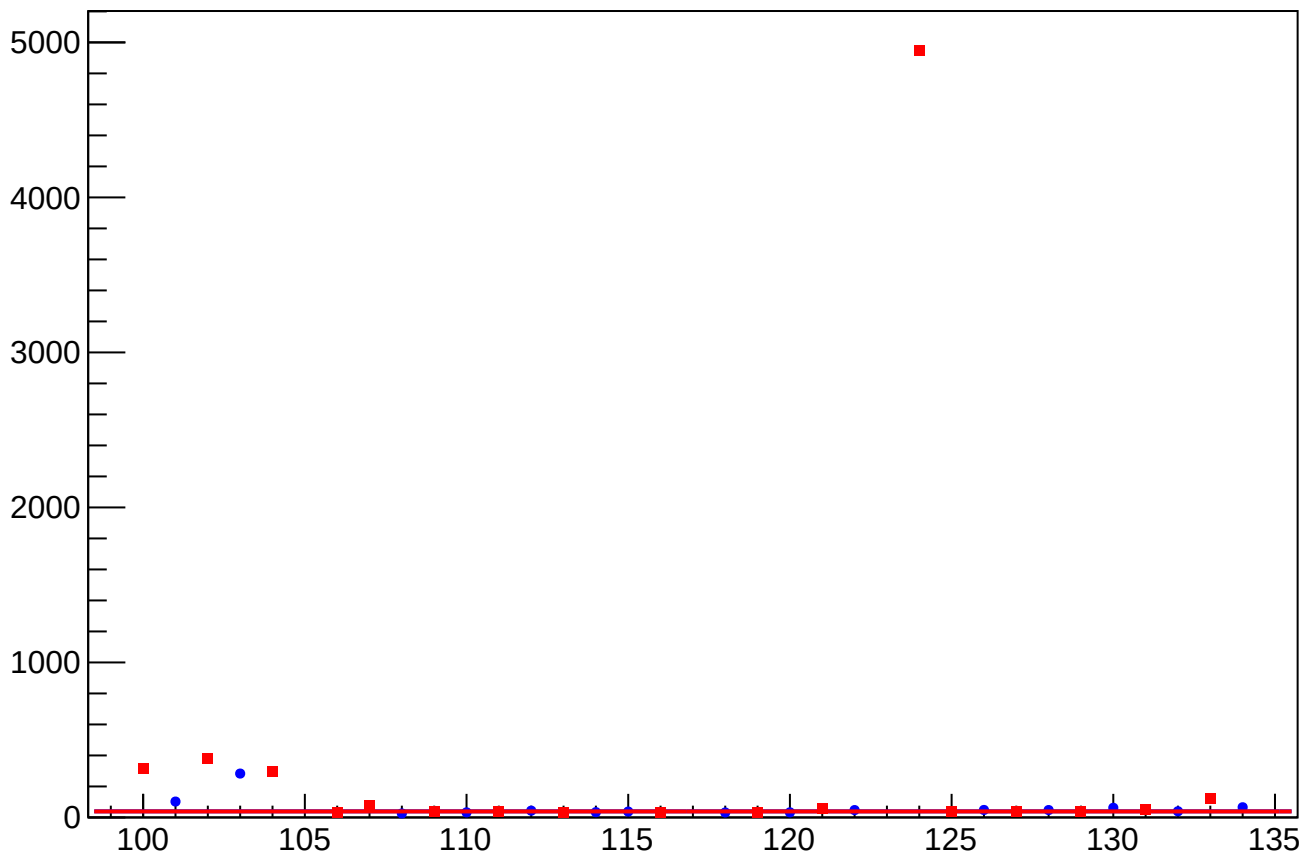
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.013 χ^2 /NDF: 26.5/31

- sign 0.000 $\pm$ 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: 38.919+/-0.013 χ^2/NDF : 2491874.5/16

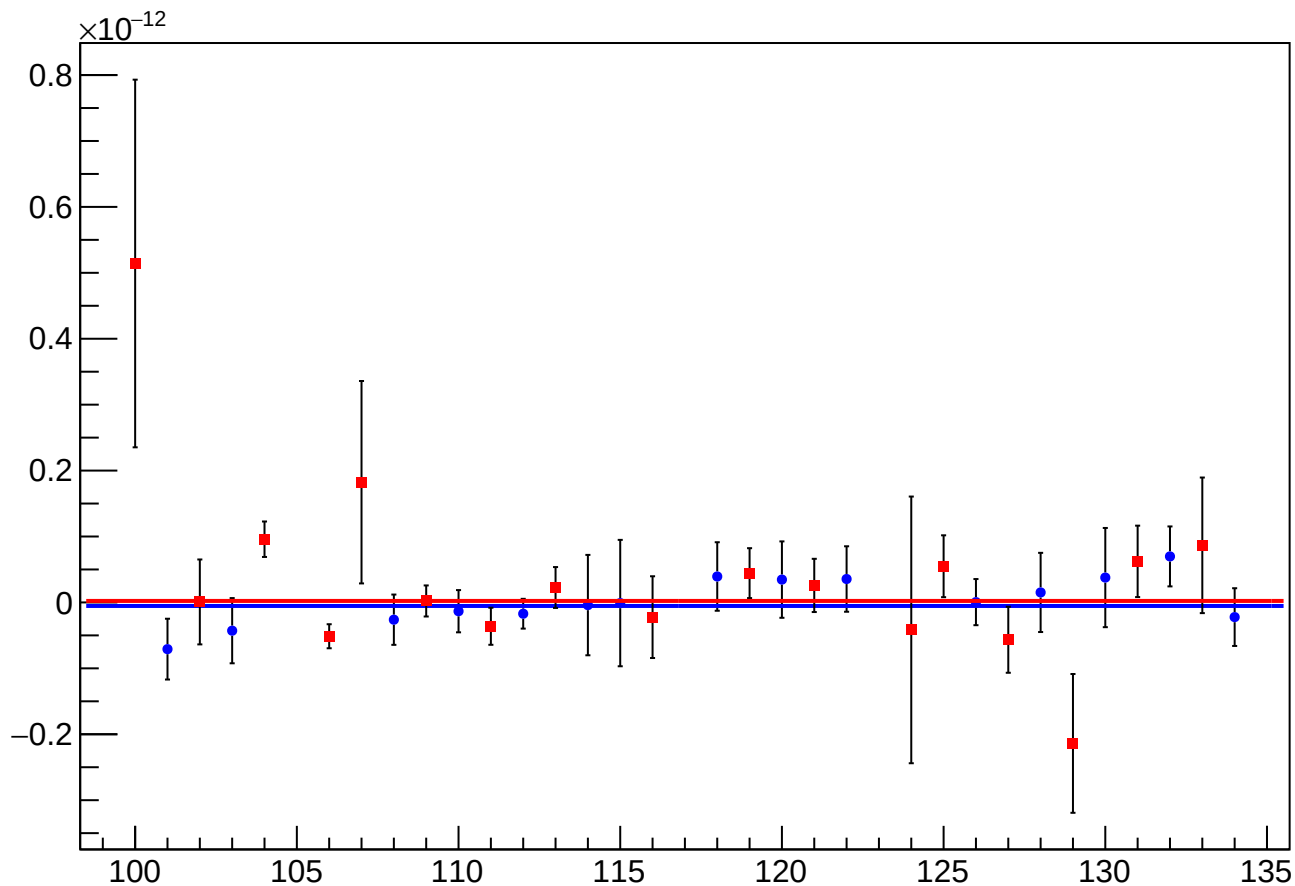
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.225+/-0.009 χ^2/NDF : 4430440.3/31

- 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 $\pm$ 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: 38.3/16

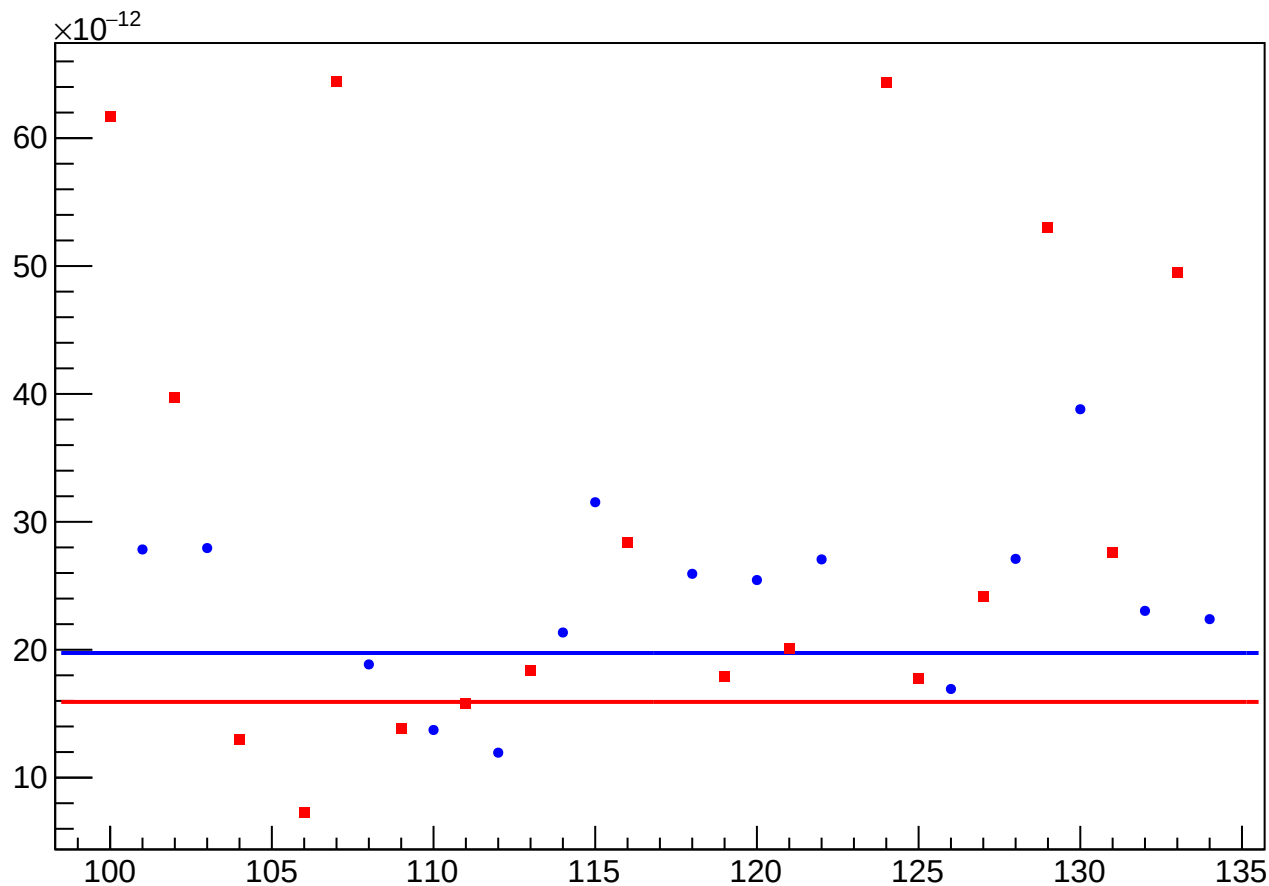
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 47.1/31

- sign 0.000 $\pm$ 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 : 1865420.0/16

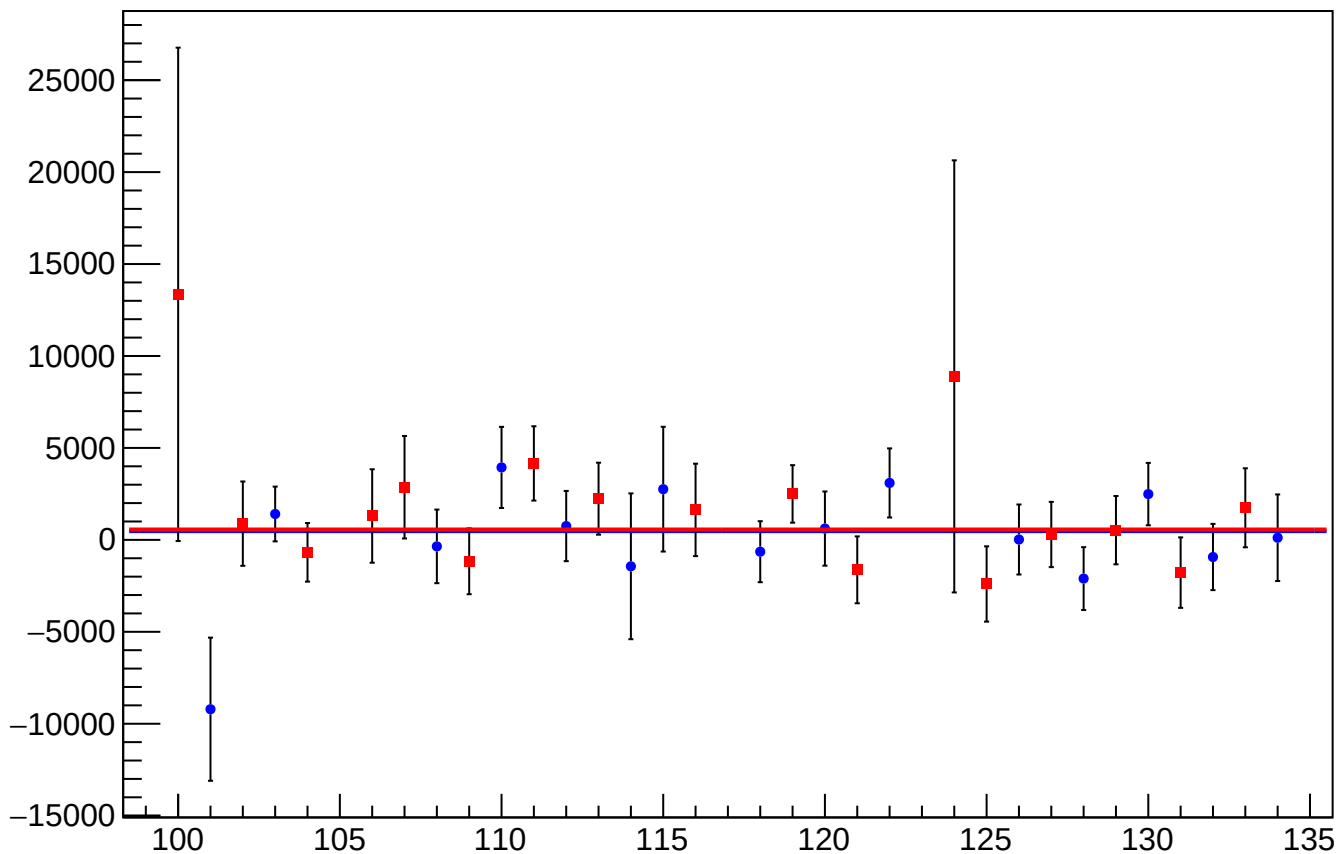
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2744195.1/31

- 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: 564.036+/-506.210 χ^2/NDF : 14.7/16

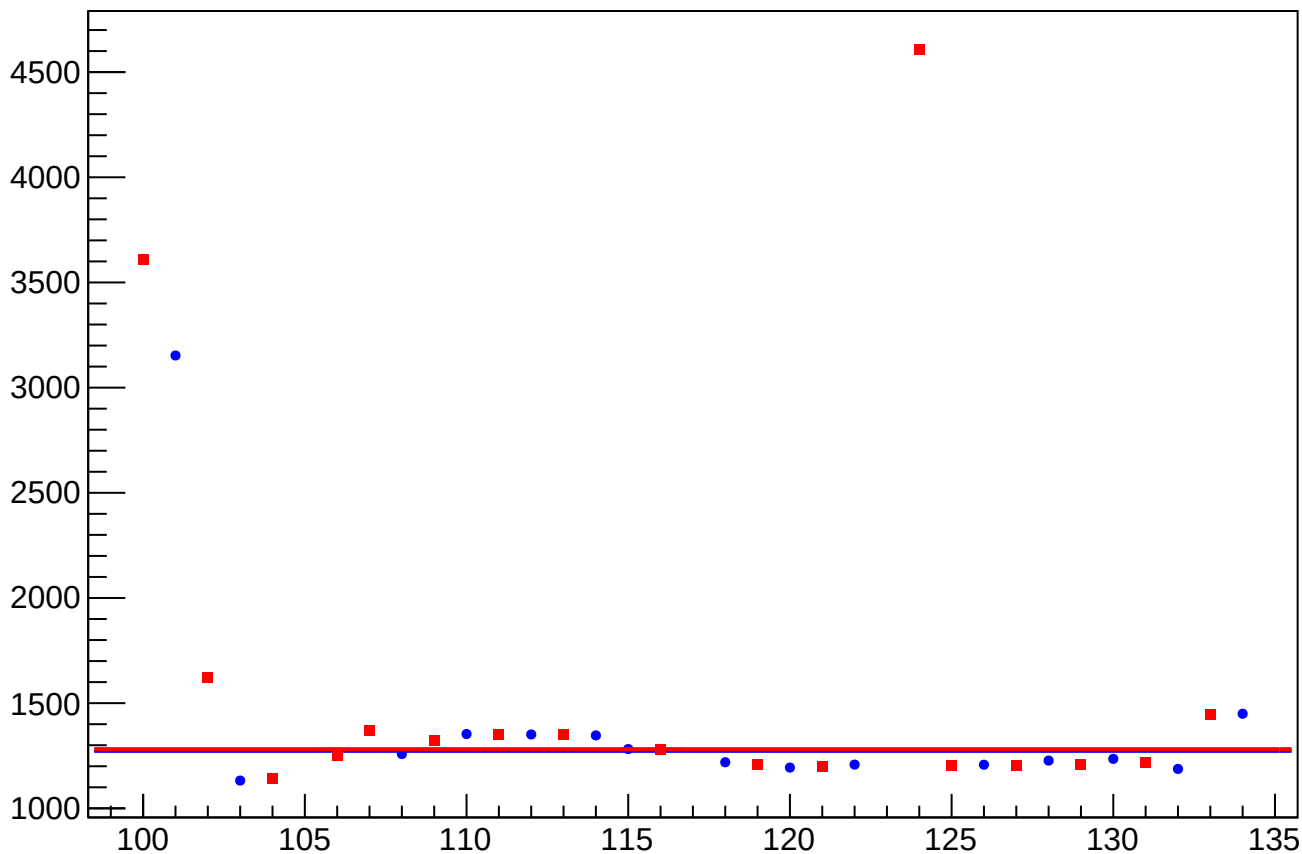
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 520.584+/-361.641 χ^2/NDF : 31.4/31

- 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: 1281.473+/-0.358 χ^2/NDF : 321826.6/16

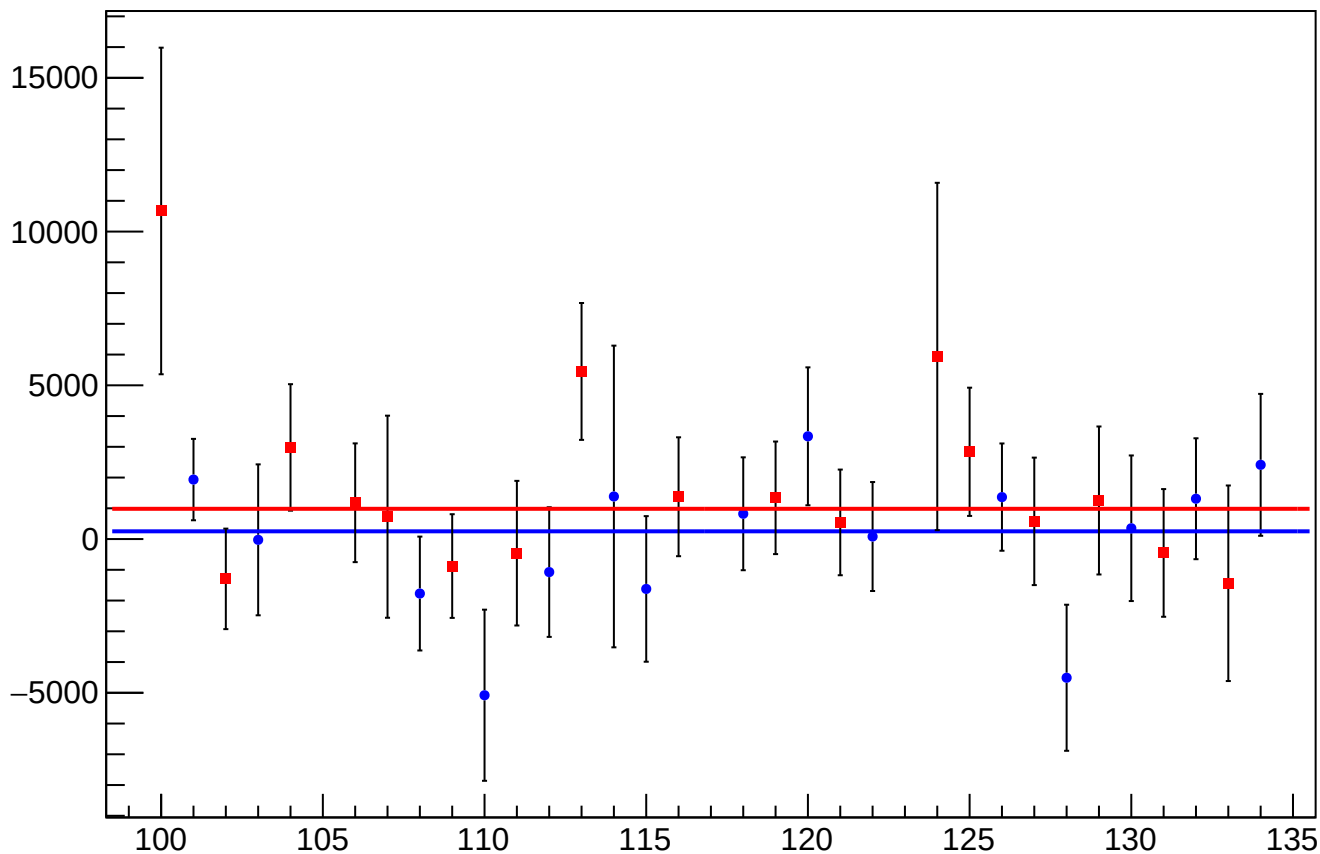
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1277.473+/-0.256 χ^2/NDF : 841365.4/31

- 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 $\pm$ 530.946 χ^2 /NDF: 15.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 983.684 $\pm$ 523.898 χ^2 /NDF: 14.7/16

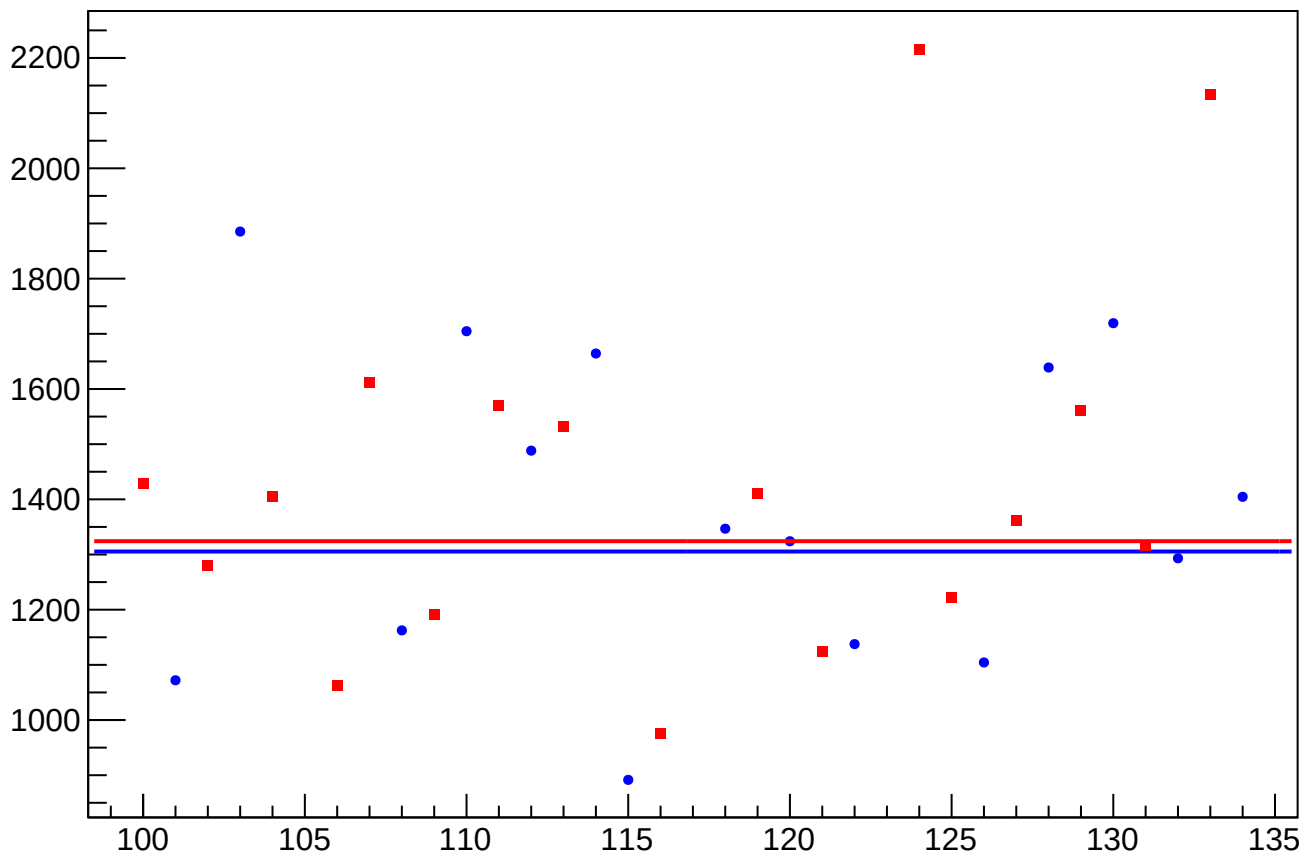
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 622.480 $\pm$ 372.918 χ^2 /NDF: 30.8/31

- sign 0.000 $\pm$ 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

Right Out: 1324.151+/-0.370 χ^2/NDF : 409822.5/16

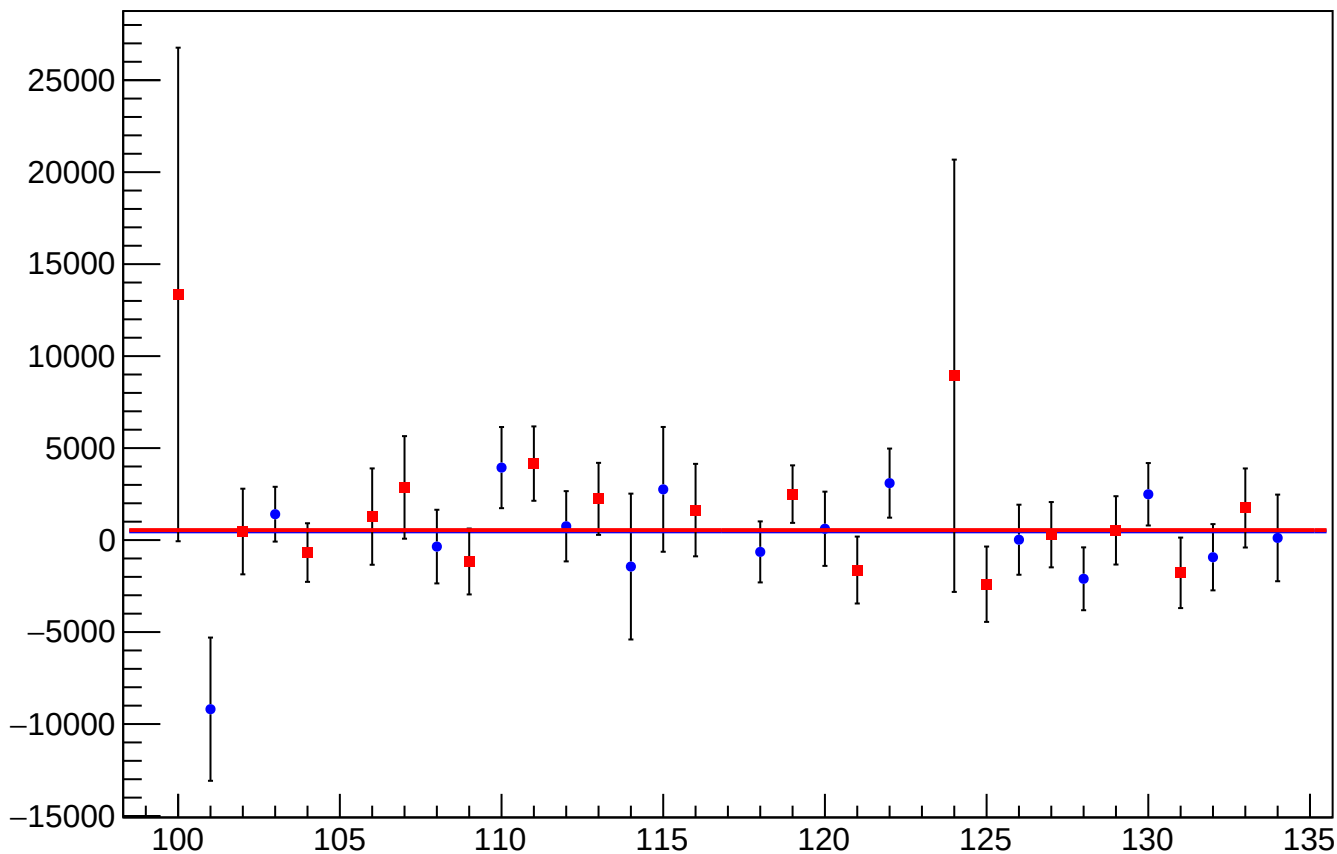
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1314.910+/-0.264 χ^2/NDF : 874854.9/31

- sign 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: 541.482+/-507.165 χ^2/NDF : 14.7/16

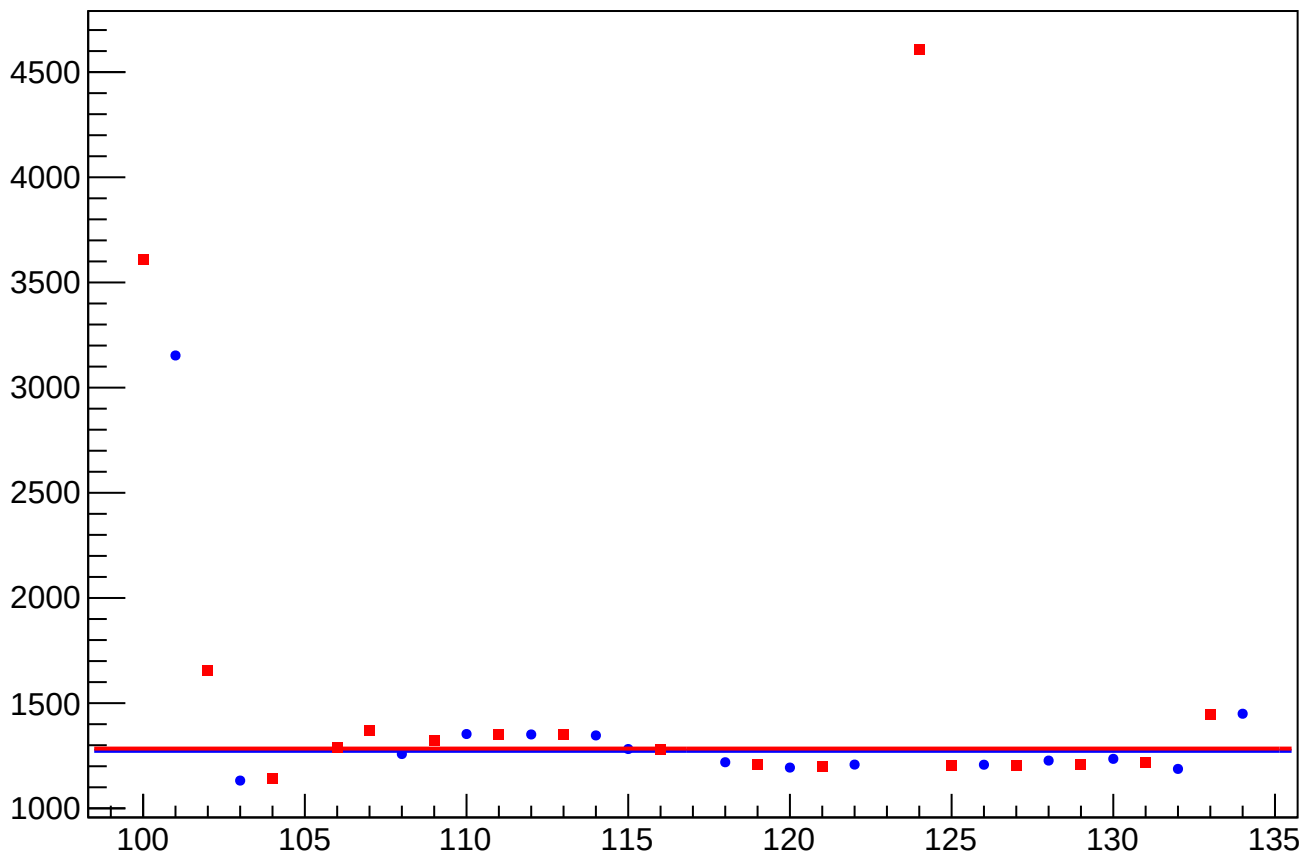
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 509.176+/-361.989 χ^2/NDF : 31.4/31

- 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+/-0.365 χ^2/NDF : 519285.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.011+/-0.359 χ^2/NDF : 328513.3/16

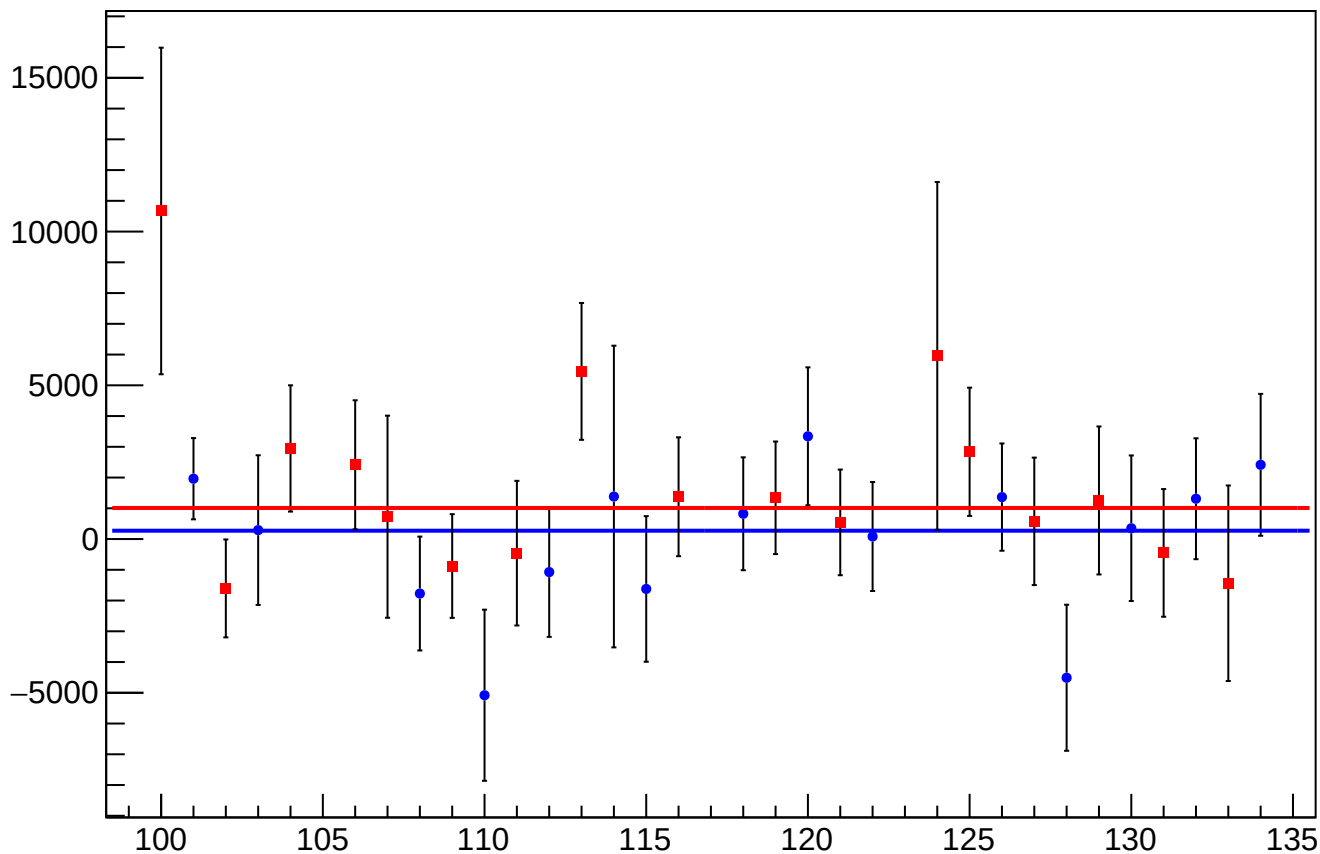
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.758+/-0.256 χ^2/NDF : 848235.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_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: 1010.941 $\pm$ 525.345 χ^2 /NDF: 15.8/16

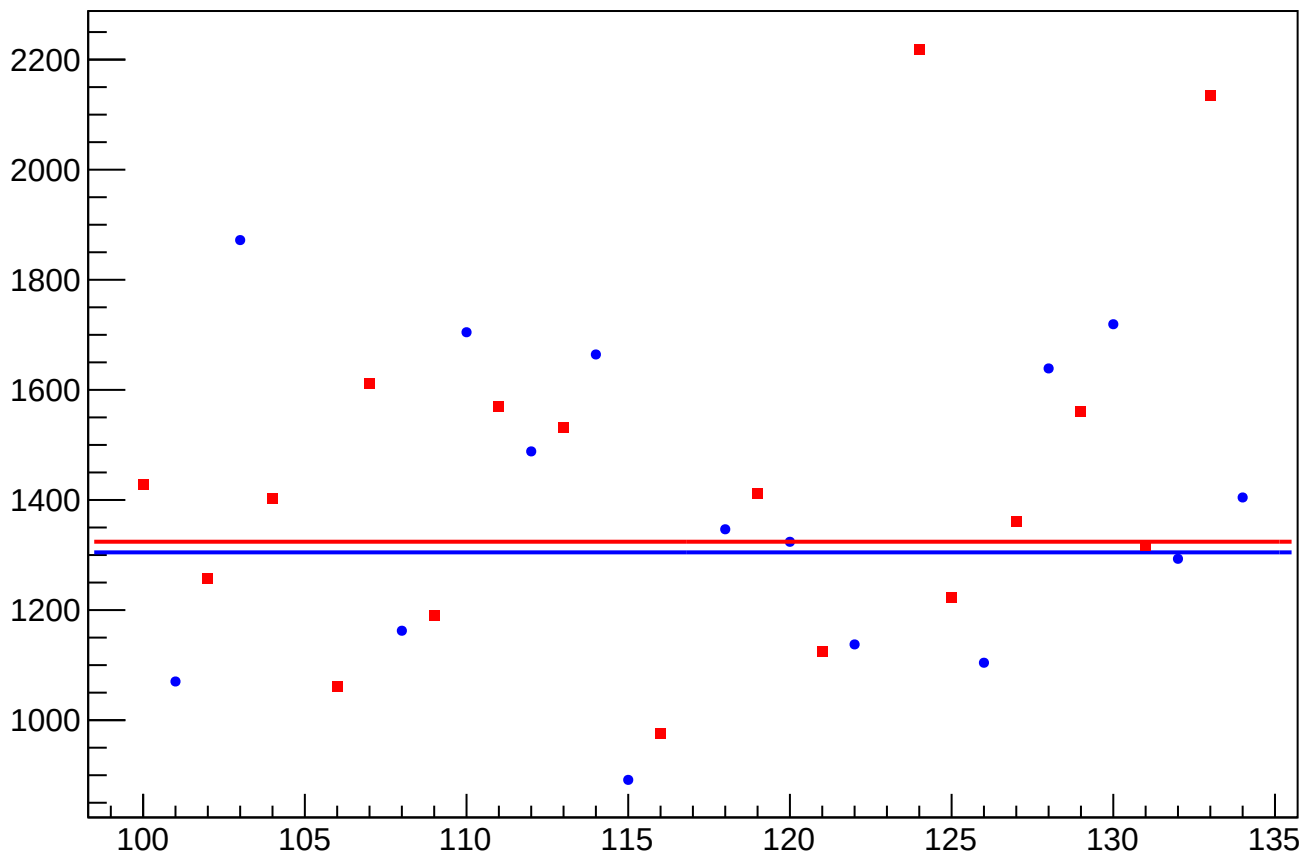
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 644.944 $\pm$ 373.320 χ^2 /NDF: 32.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_cor_correction_rms vs Slug



Right In: 1304.835+/-0.375 χ^2/NDF : 461667.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1324.171+/-0.371 χ^2/NDF : 406955.0/16

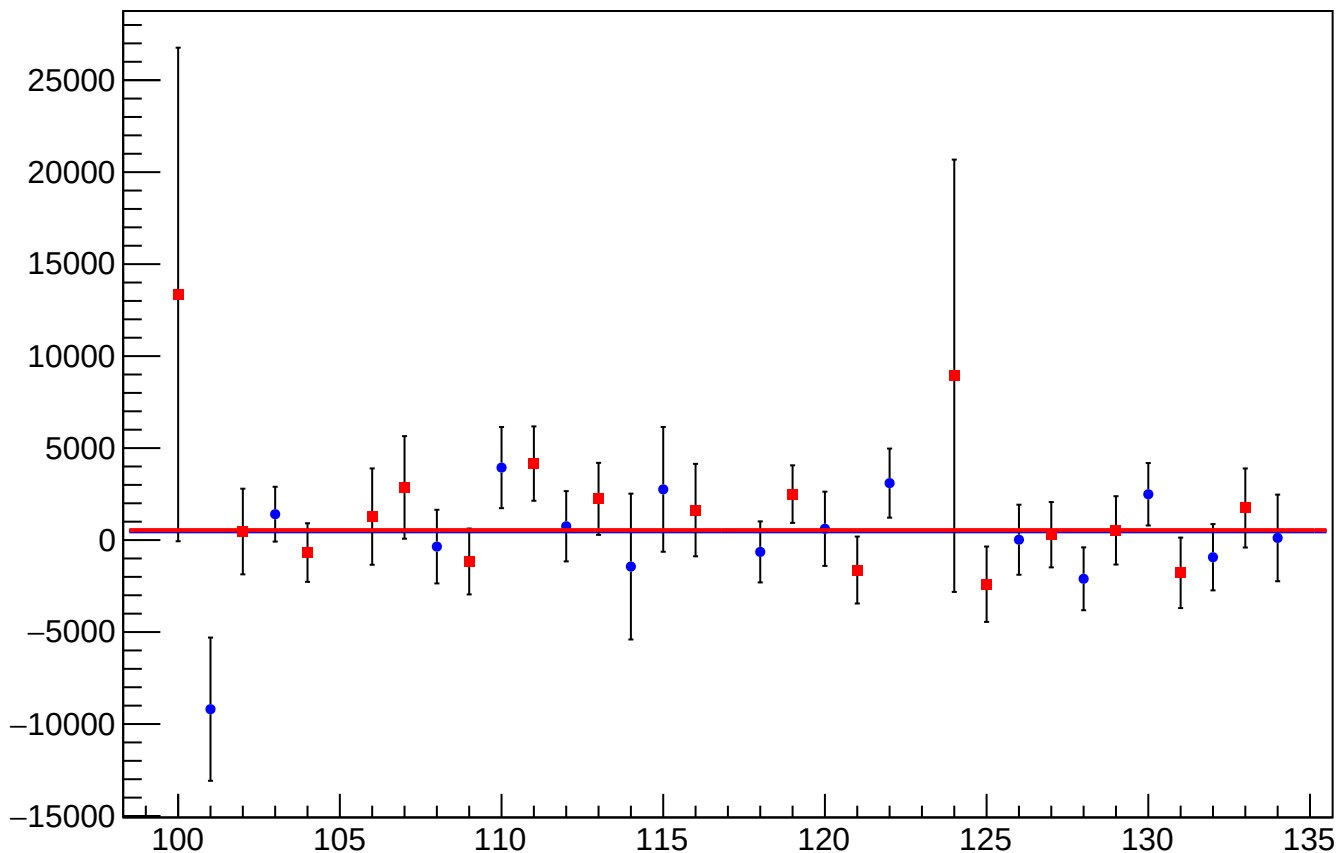
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1314.599+/-0.264 χ^2/NDF : 869963.5/31

- sign 0.000+/-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: 541.482+/-507.165 χ^2/NDF : 14.7/16

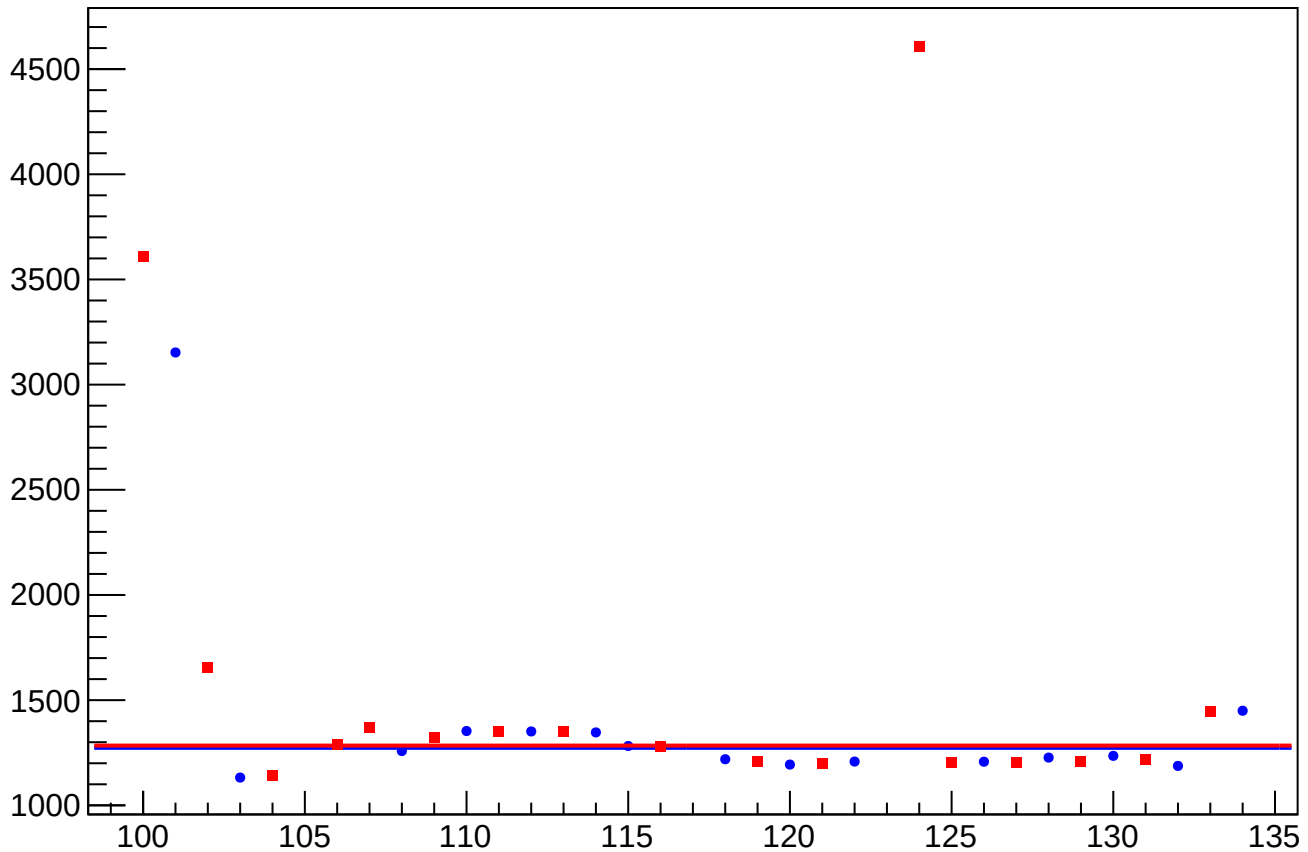
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 509.176+/-361.989 χ^2/NDF : 31.4/31

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

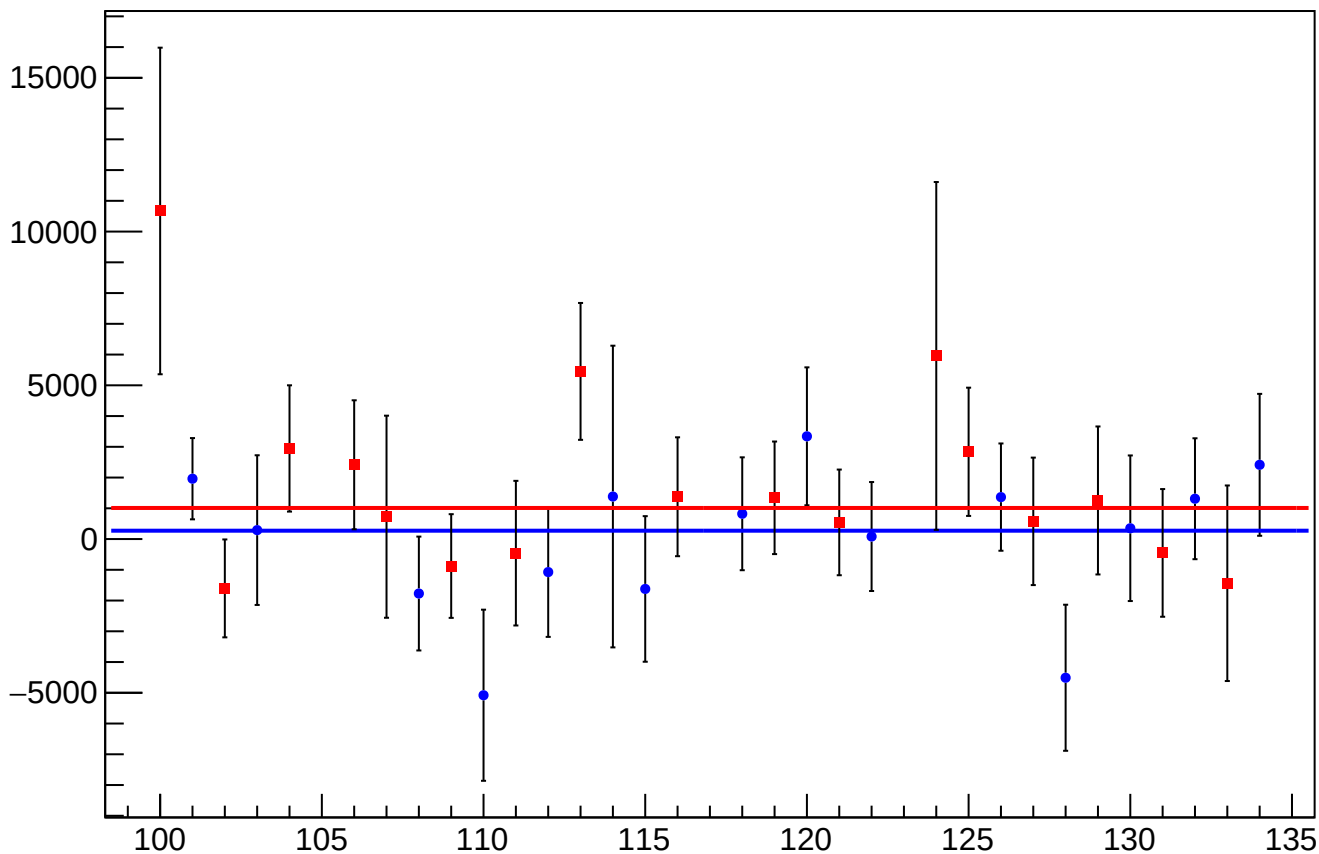
Right Out: 1284.011+/-0.359 χ^2/NDF : 328513.3/16

All: 1278.758+/-0.256 χ^2/NDF : 848235.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_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: 1010.941 $\pm$ 525.345 χ^2 /NDF: 15.8/16

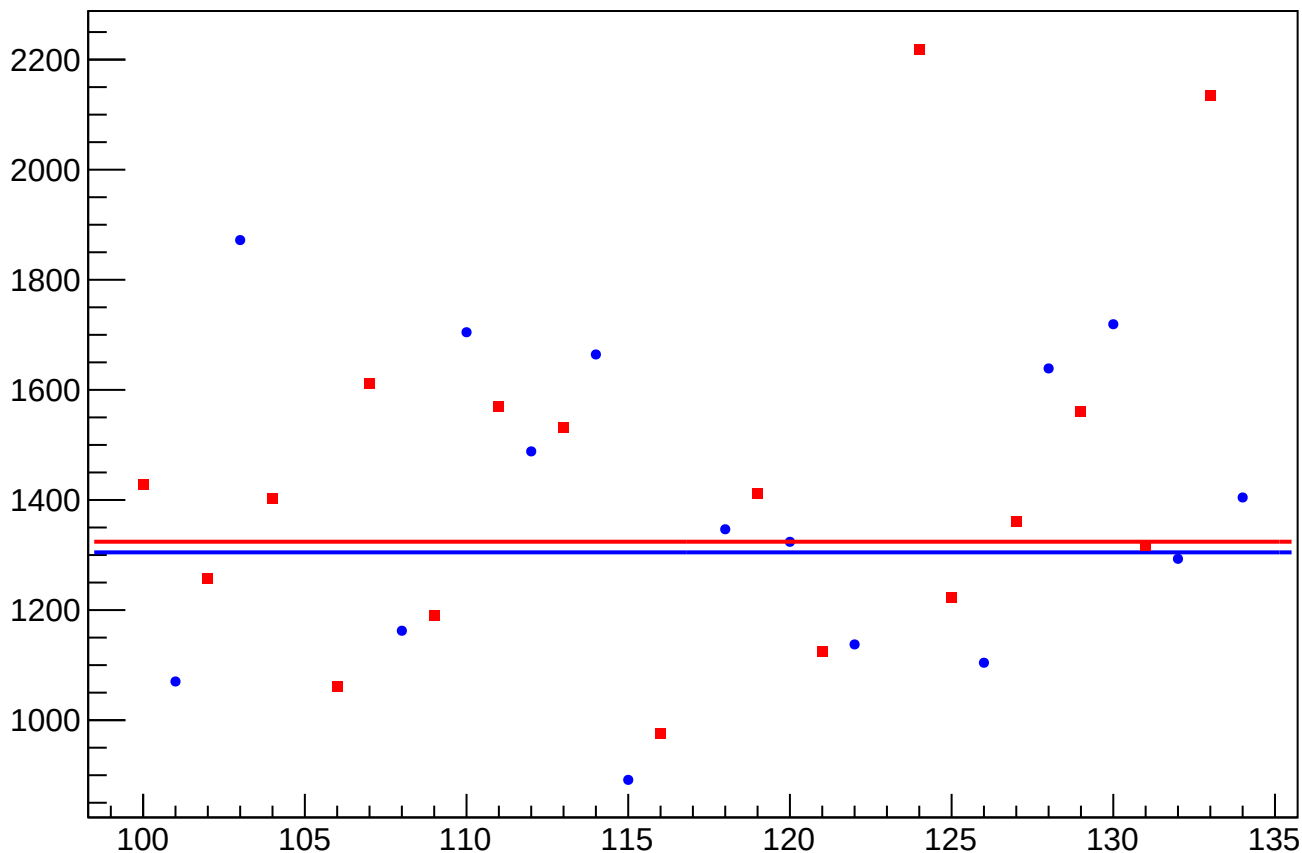
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 644.944 $\pm$ 373.320 χ^2 /NDF: 32.0/31

- 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+/-0.375 χ^2/NDF : 461667.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1324.171+/-0.371 χ^2/NDF : 406955.0/16

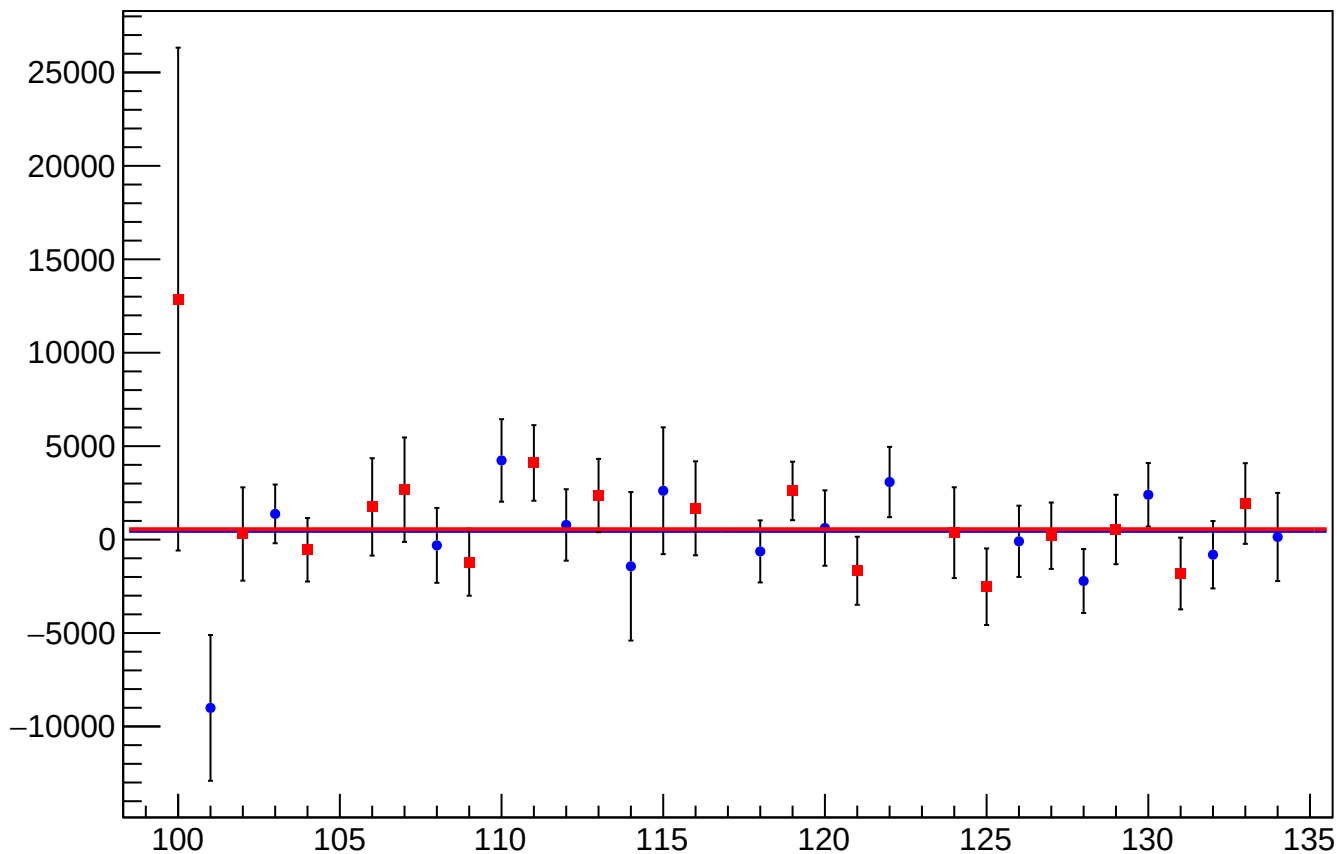
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1314.599+/-0.264 χ^2/NDF : 869963.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 467.437 $\pm$ 520.557 χ^2 /NDF: 16.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 554.398 $\pm$ 501.845 χ^2 /NDF: 14.6/16

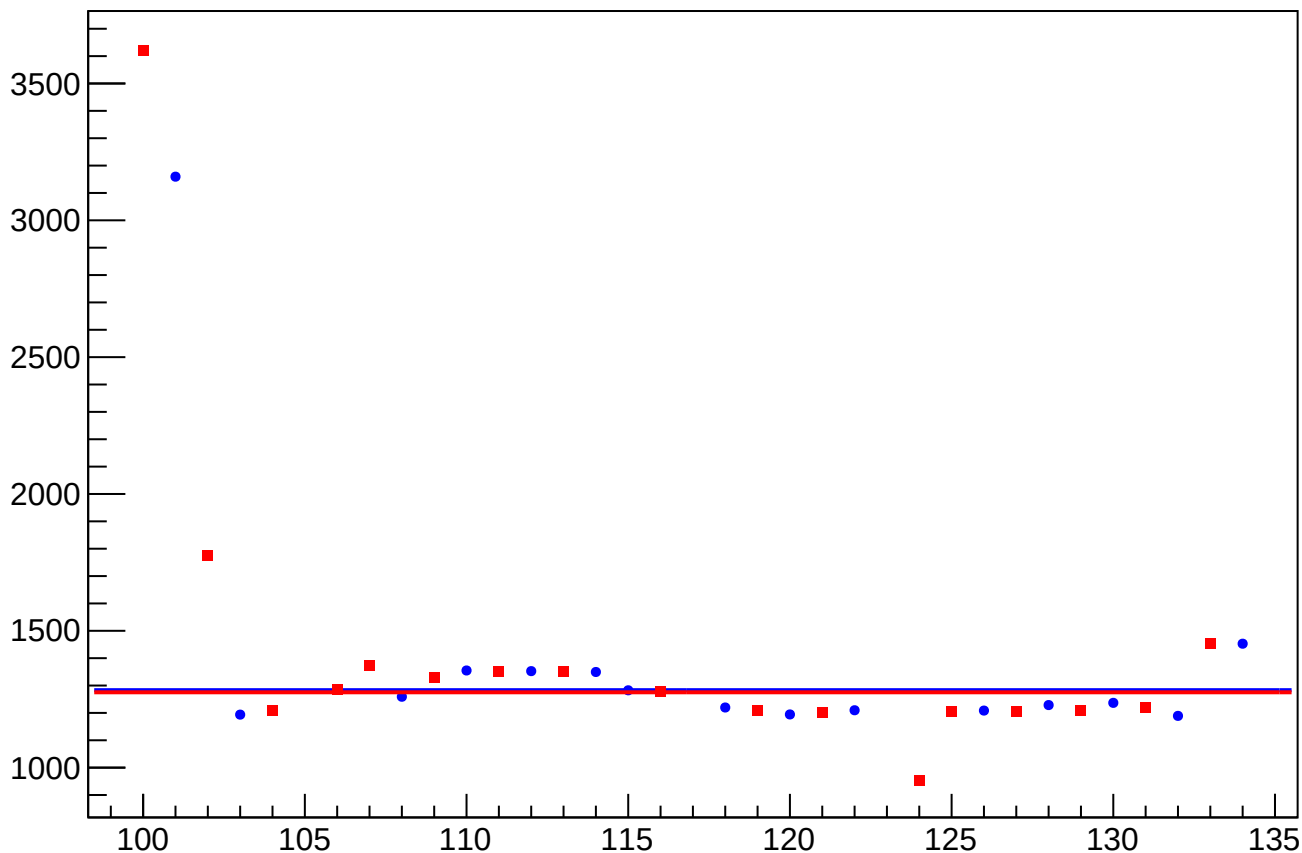
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 512.508 $\pm$ 361.292 χ^2 /NDF: 31.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl_dd_atr_dd_dd_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

Right Out: 1275.340 $\pm$ 0.355 χ^2 /NDF: 220135.3/16

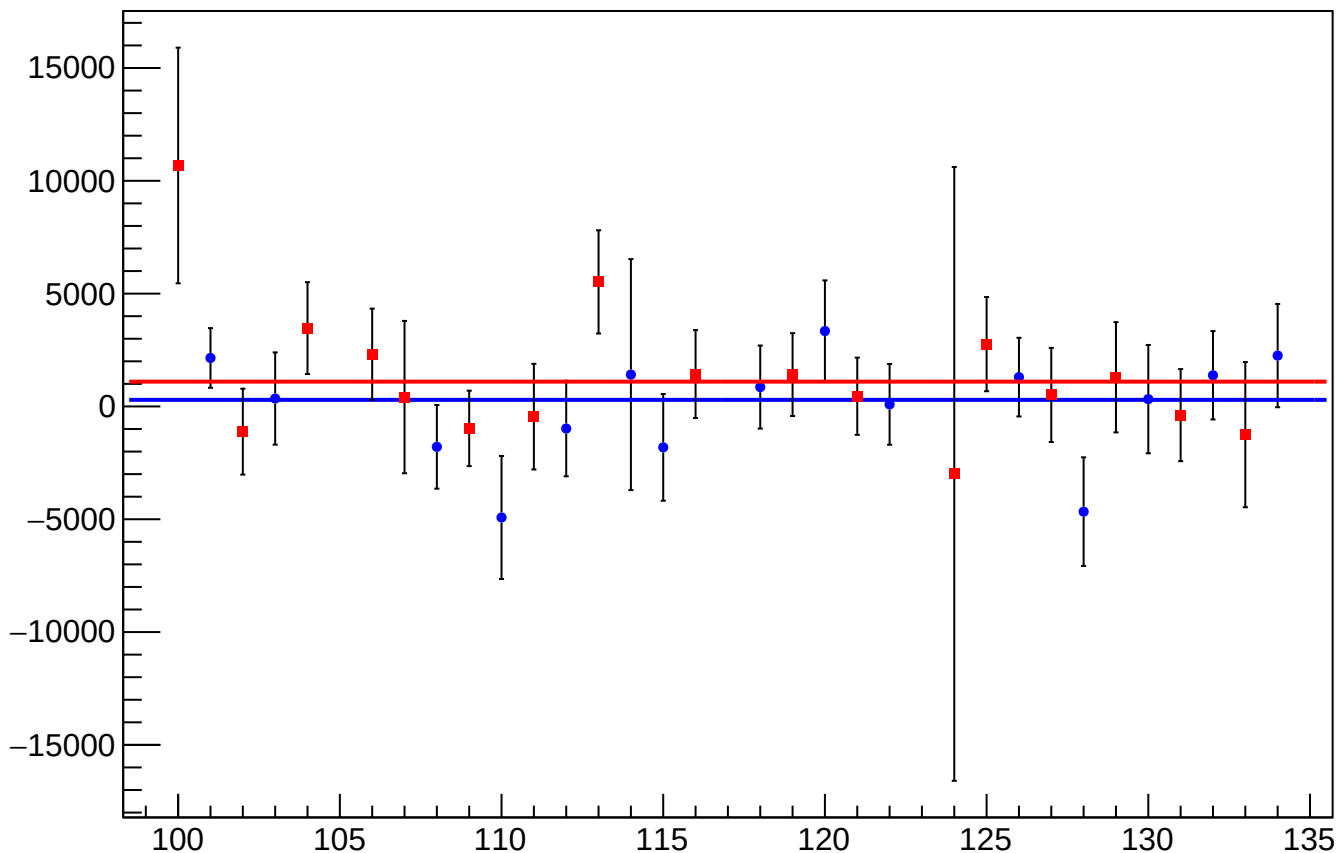
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1279.071 $\pm$ 0.255 χ^2 /NDF: 727276.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_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: 1099.359 $\pm$ 535.449 χ^2 /NDF: 14.3/16

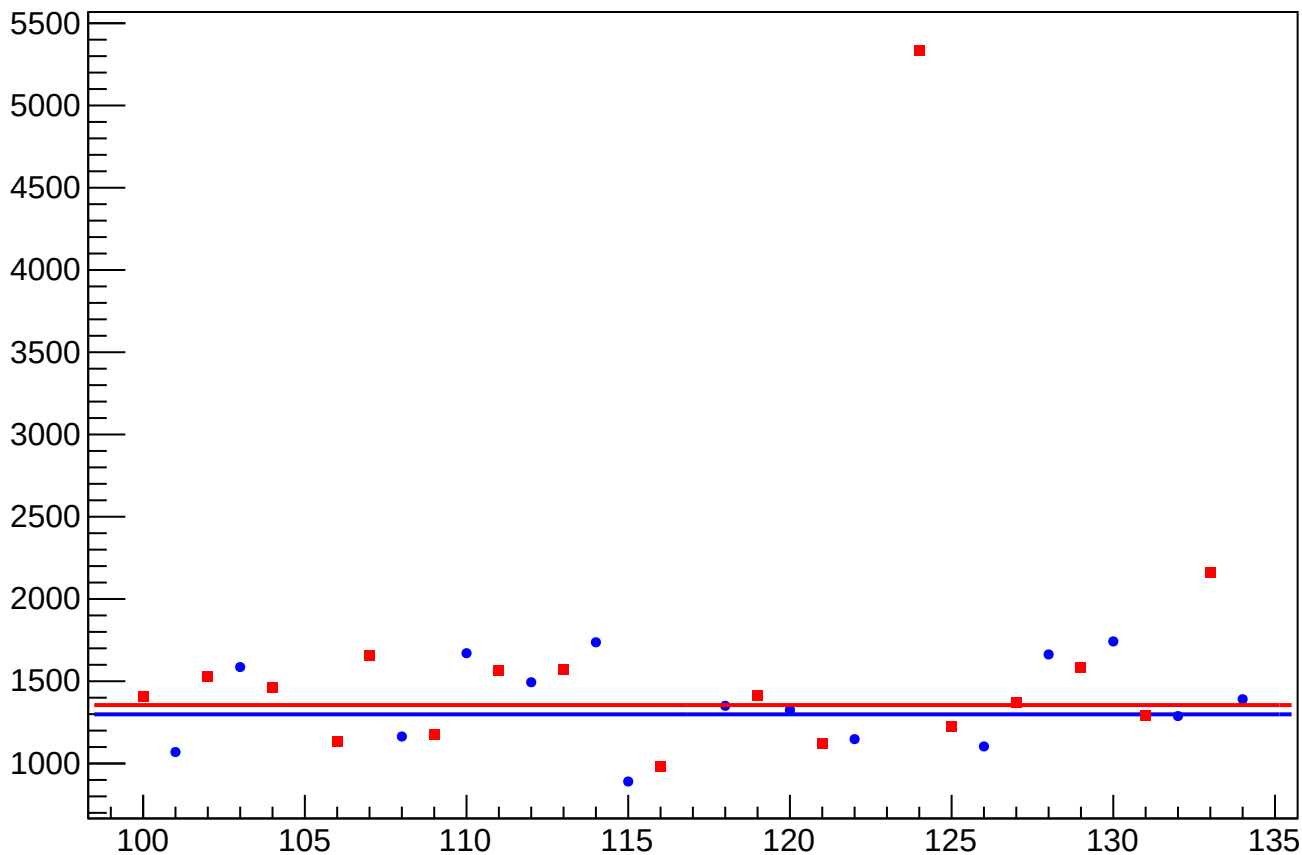
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 688.979 $\pm$ 375.397 χ^2 /NDF: 31.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_dit_correction_rms vs Slug



Right In: 1298.757 $\pm$ 0.372 χ^2 /NDF: 396730.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1355.120 $\pm$ 0.379 χ^2 /NDF: 556398.3/16

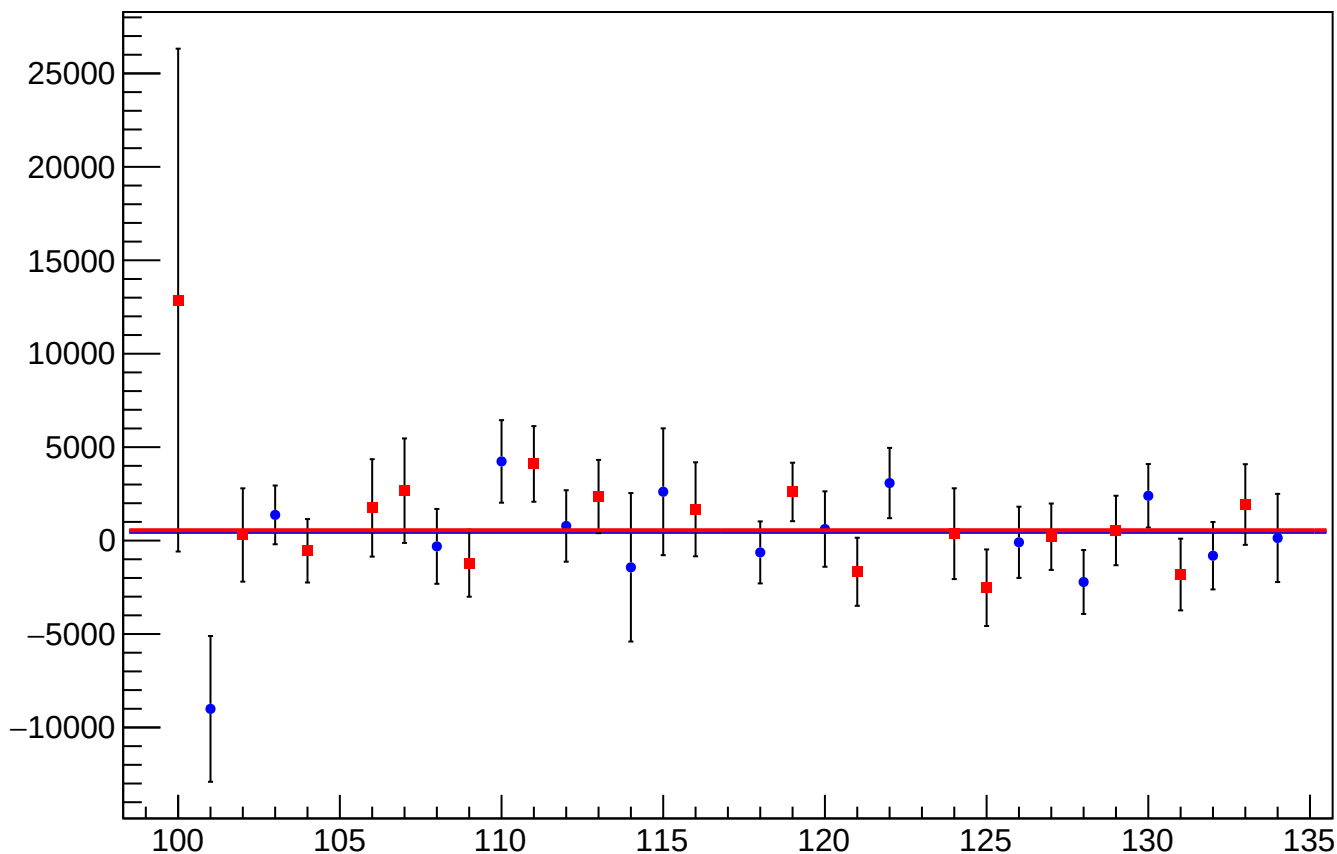
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1326.461 $\pm$ 0.265 χ^2 /NDF: 964396.3/31

- sign 0.000 $\pm$ 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: 554.398+/-501.845 χ^2/NDF : 14.6/16

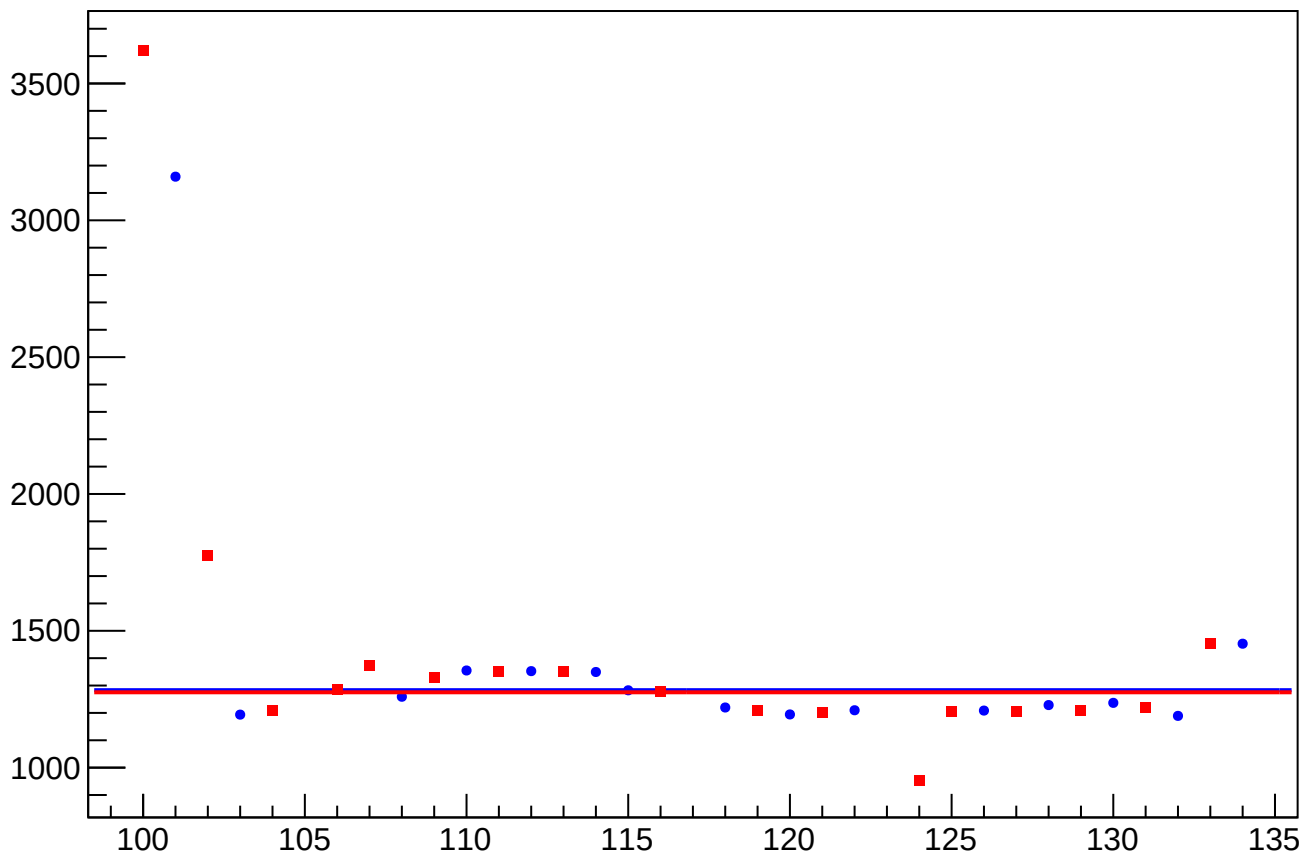
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 512.507+/-361.292 χ^2/NDF : 31.3/31

- 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: 1275.340+/-0.355 χ^2/NDF : 220135.1/16

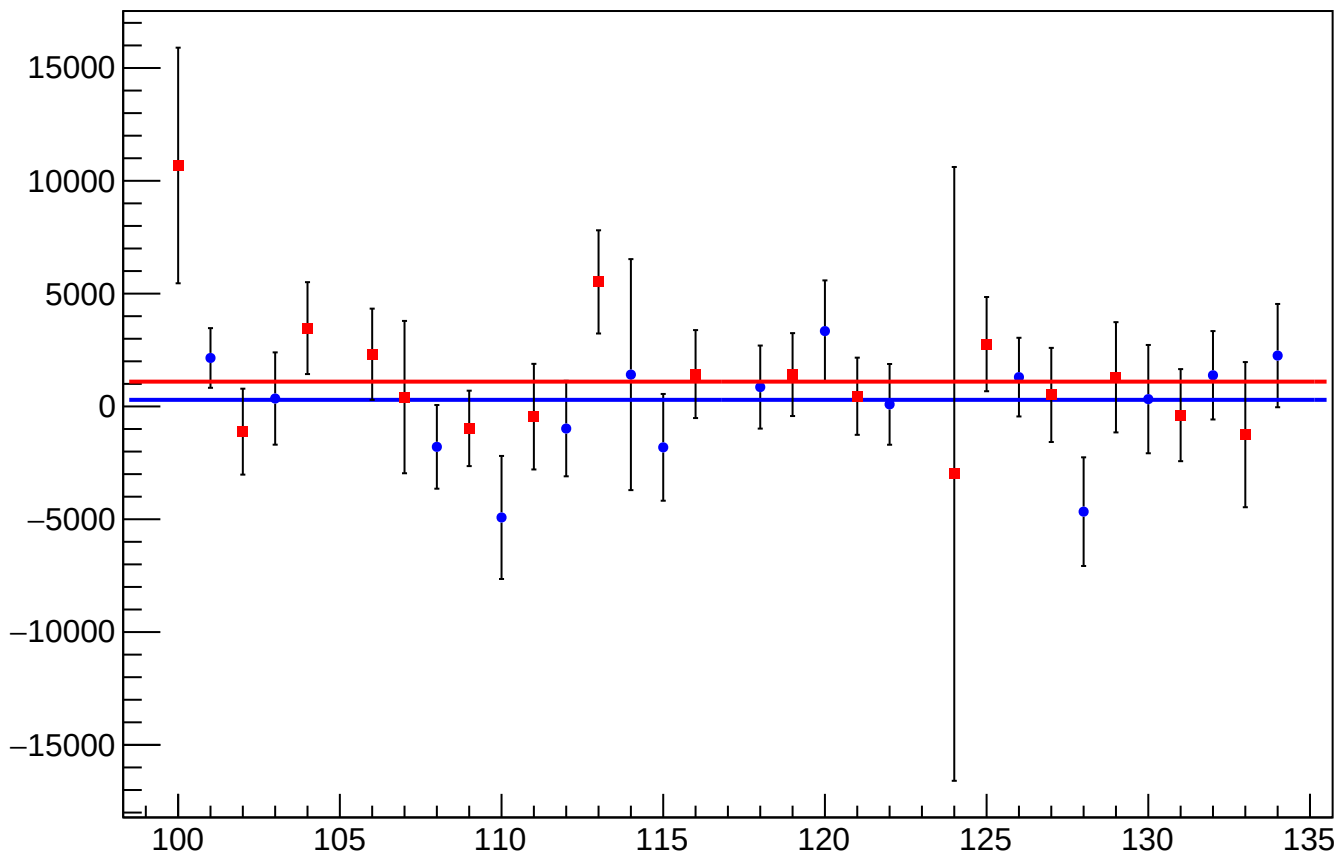
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1279.071+/-0.255 χ^2/NDF : 727276.1/31

- 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: 1099.360+/-535.448 χ^2/NDF : 14.3/16

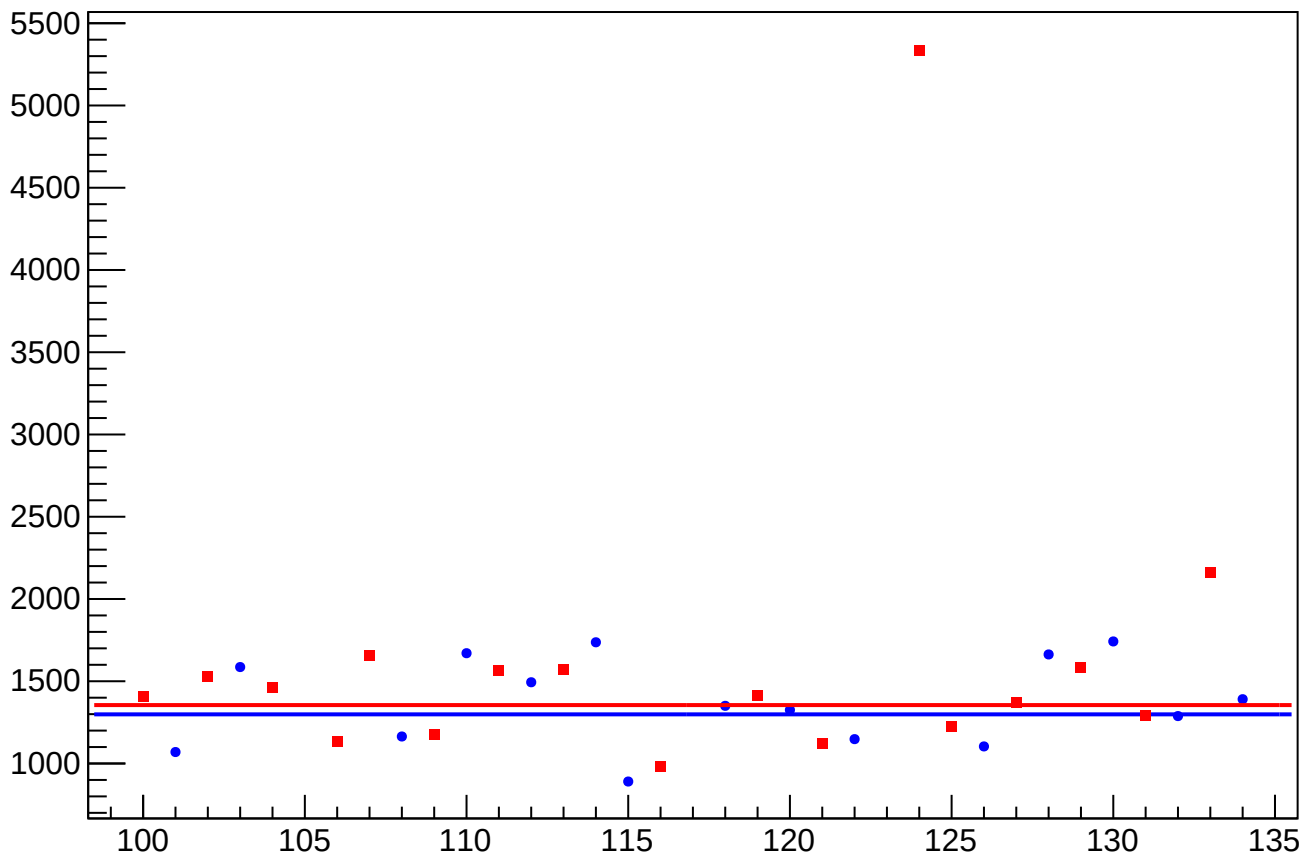
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 688.977+/-375.396 χ^2/NDF : 31.1/31

- 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

Right Out: 1355.119+/-0.379 χ^2/NDF : 556398.8/16

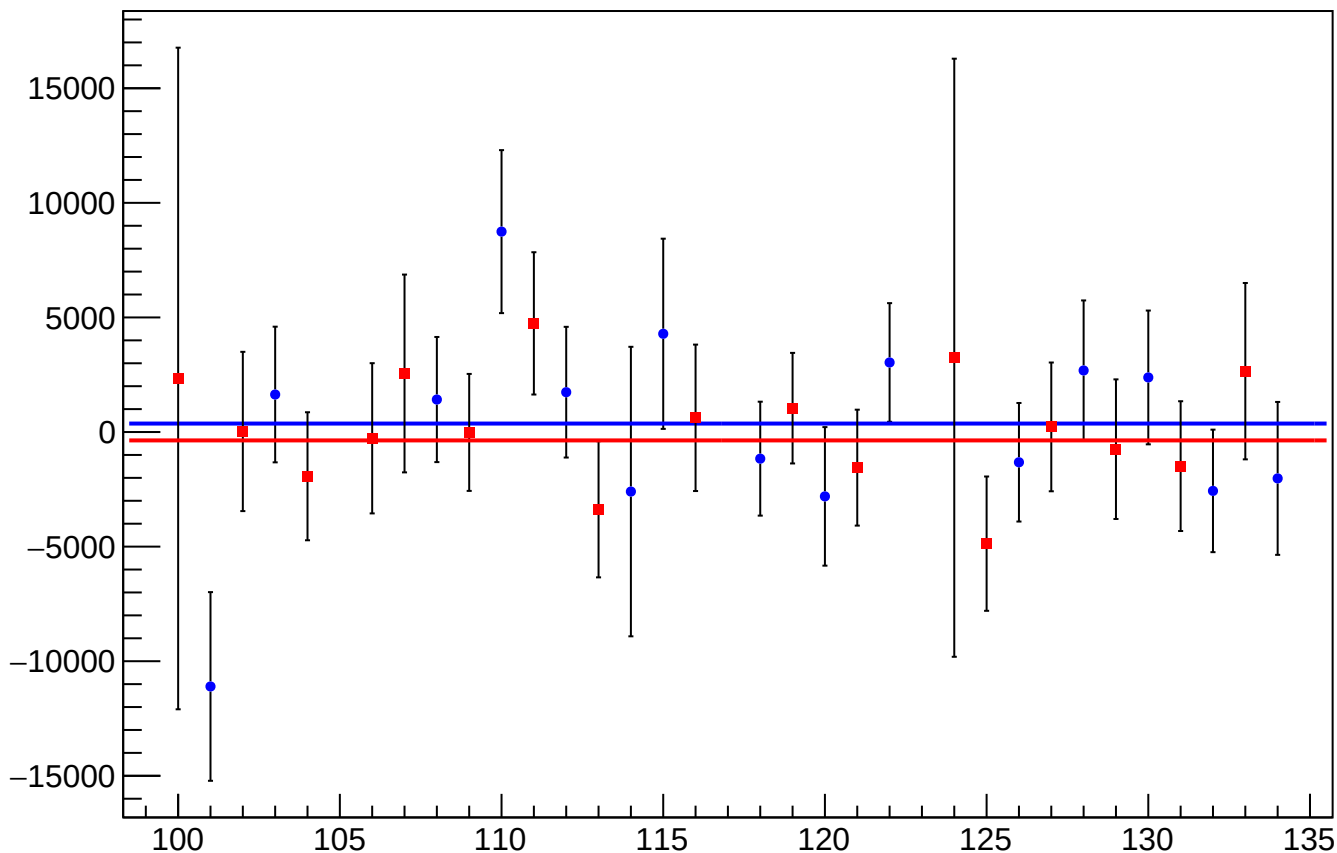
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1326.458+/-0.265 χ^2/NDF : 964403.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 369.542 $\pm$ 786.441 χ^2 /NDF: 20.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -365.785 $\pm$ 765.056 χ^2 /NDF: 8.5/16

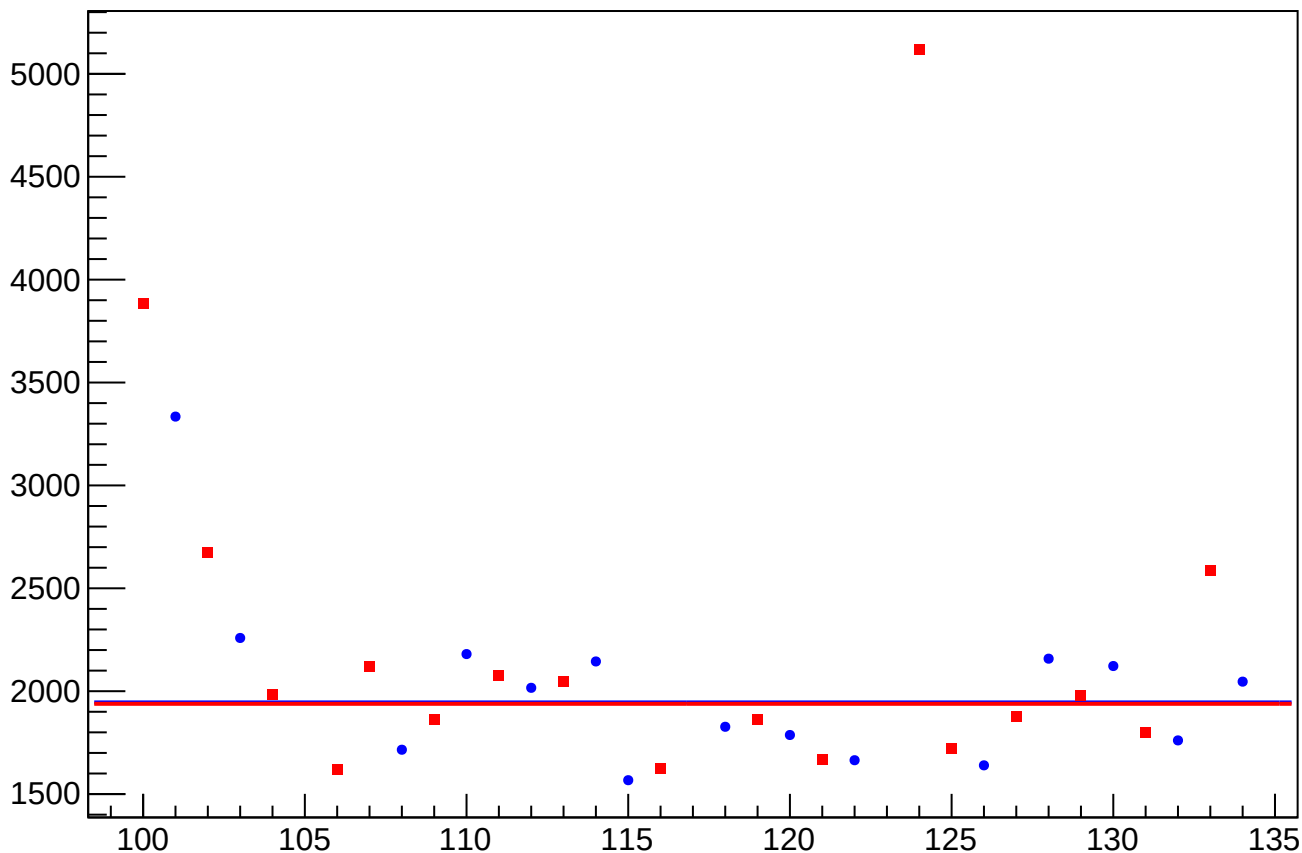
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -8.255 $\pm$ 548.381 χ^2 /NDF: 29.7/31

- sign 0.000 $\pm$ 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

Right Out: 1938.744+/-0.541 χ^2/NDF : 394697.6/16

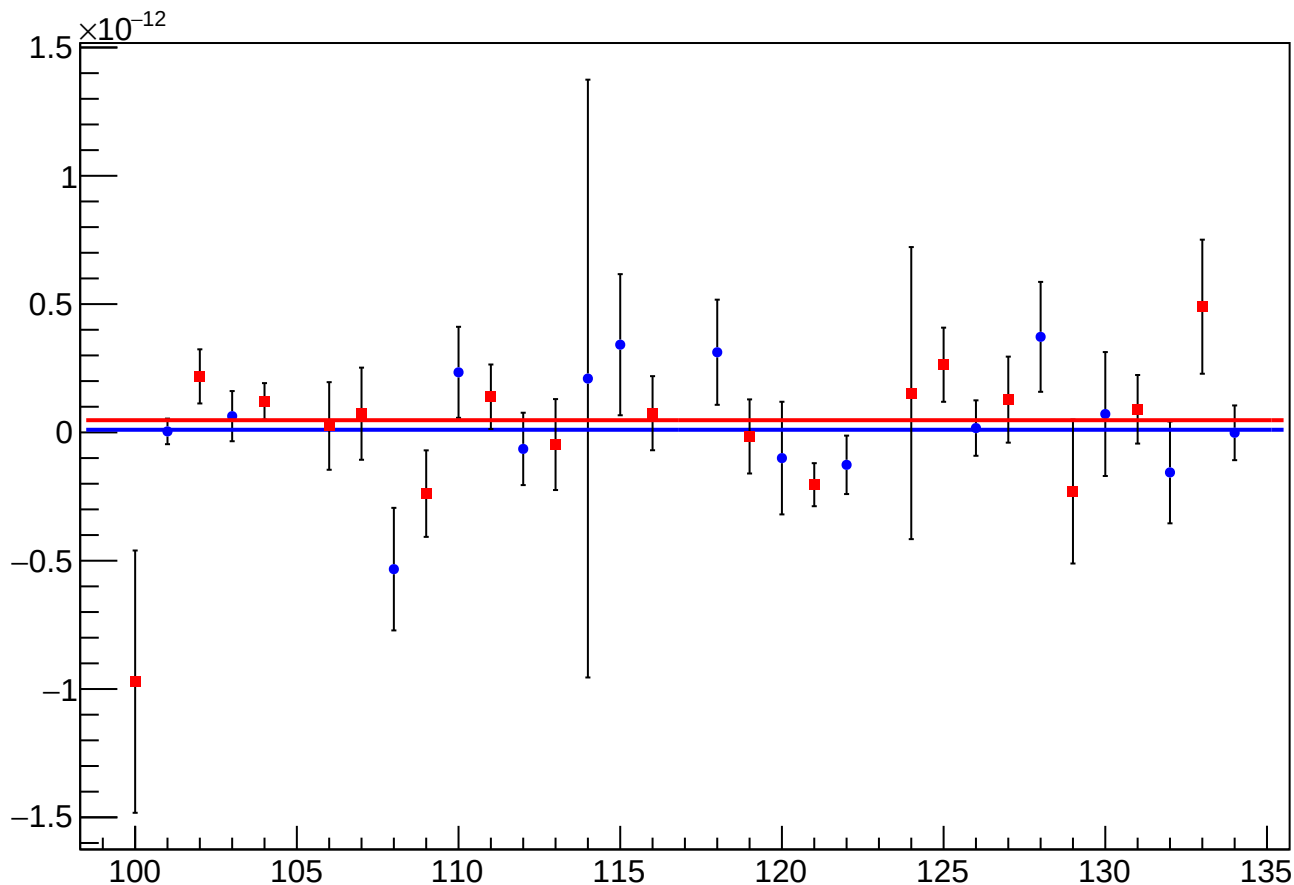
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1941.985+/-0.388 χ^2/NDF : 777546.6/31

- sign 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: 27.0/16

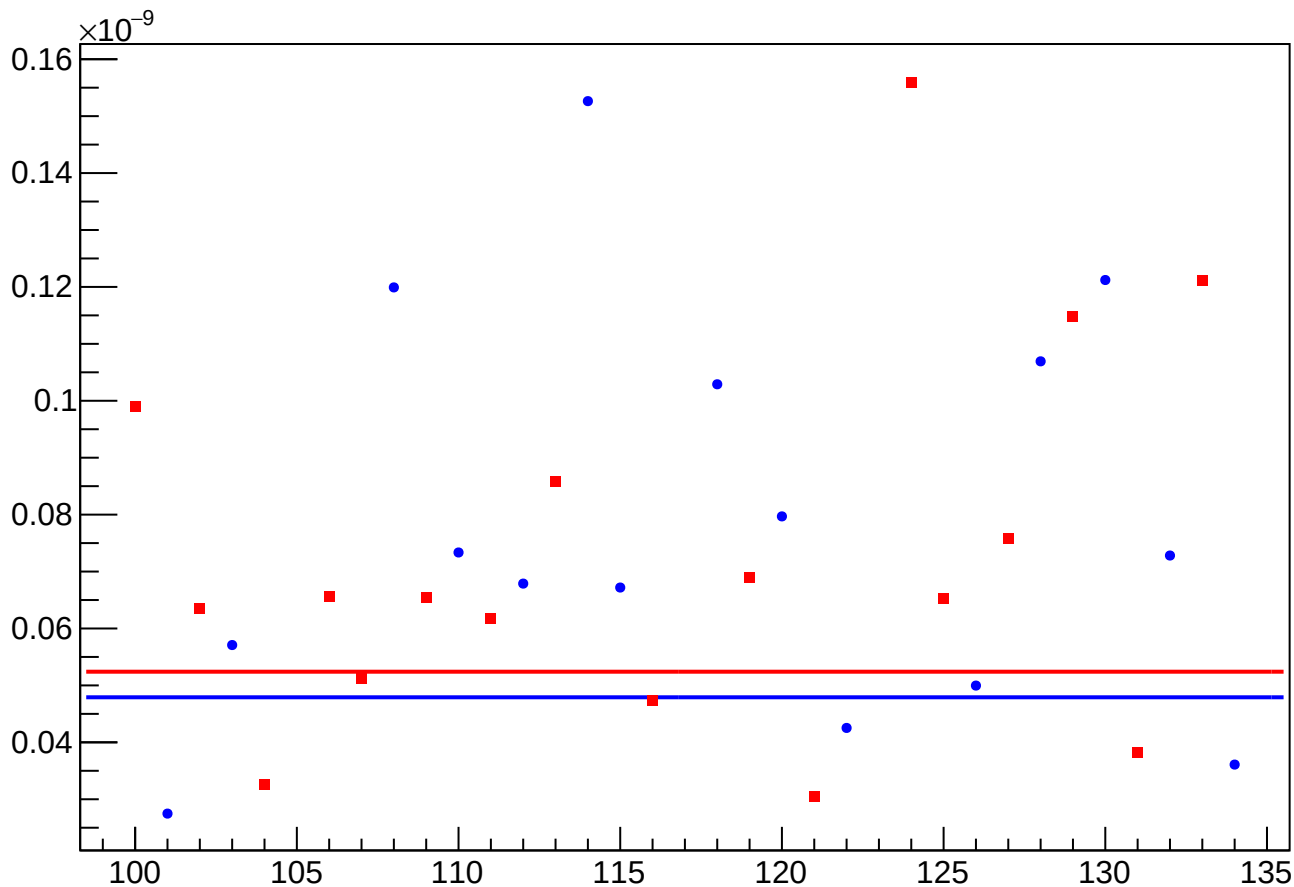
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 44.1/31

- 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 : 844884.2/16

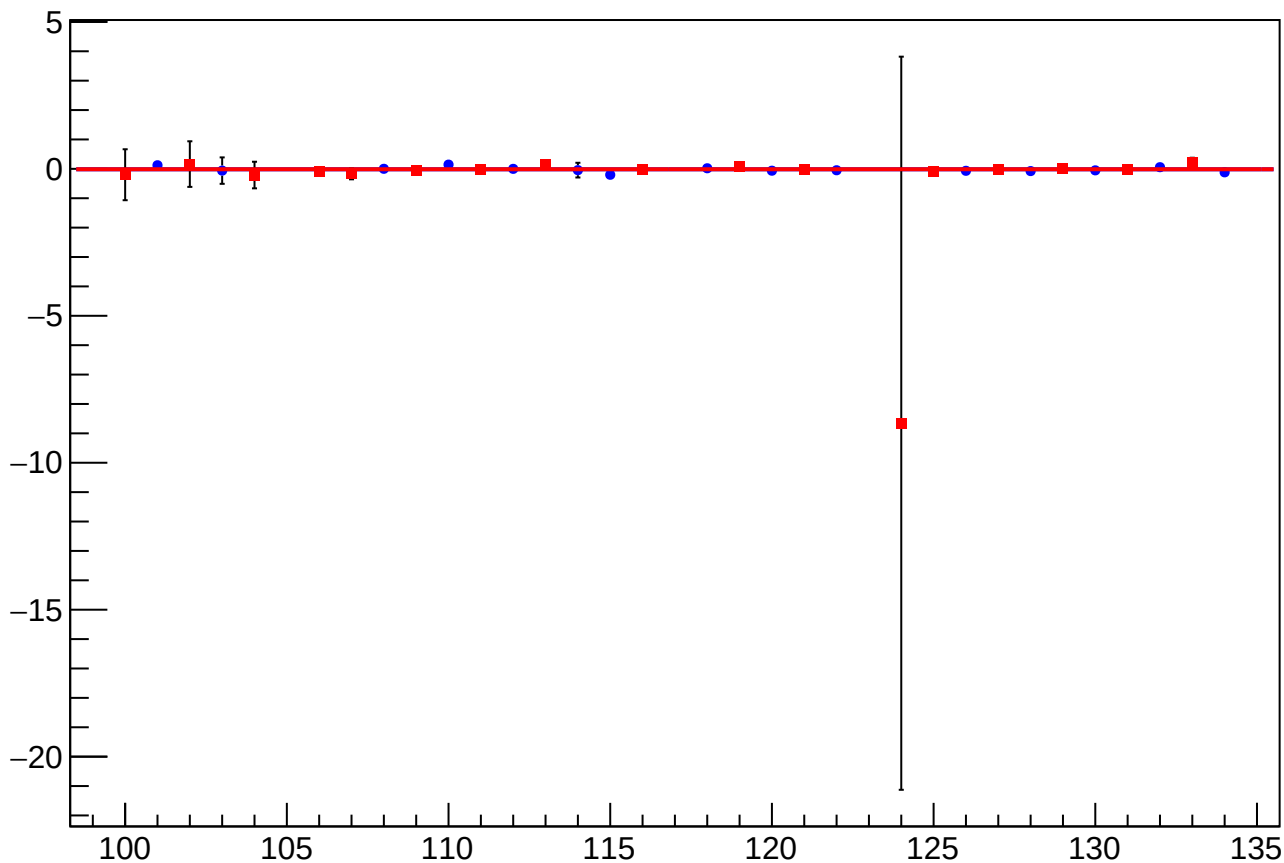
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2090533.9/31

- 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: -0.014 ± 0.019 χ^2/NDF : 12.5/16

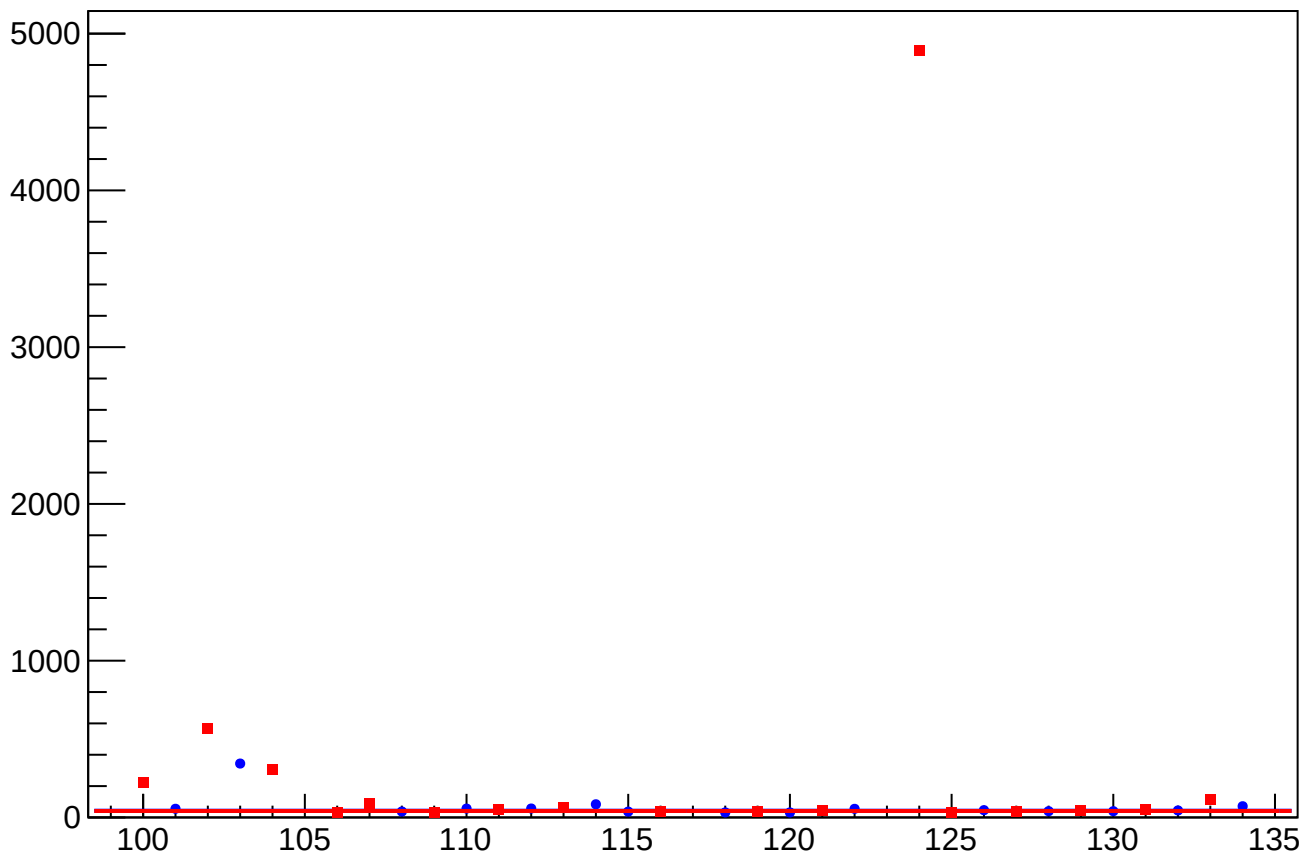
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.014 χ^2/NDF : 26.8/31

- 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+/-0.014 χ^2/NDF : 1466685.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.239+/-0.014 χ^2/NDF : 2799445.4/16

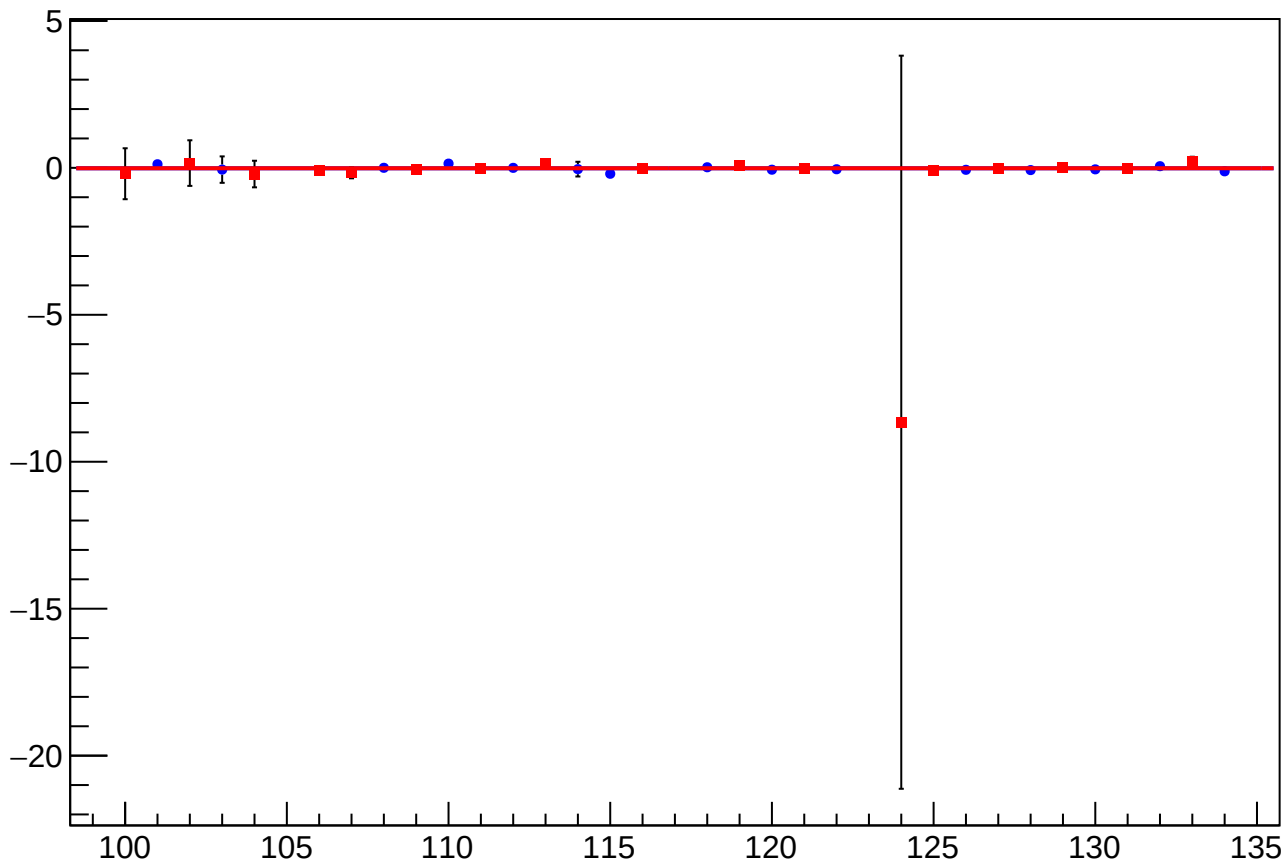
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.129+/-0.010 χ^2/NDF : 4274447.3/31

- sign 0.000+/-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 ± 0.019 χ^2/NDF : 14.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.014 ± 0.019 χ^2/NDF : 12.5/16

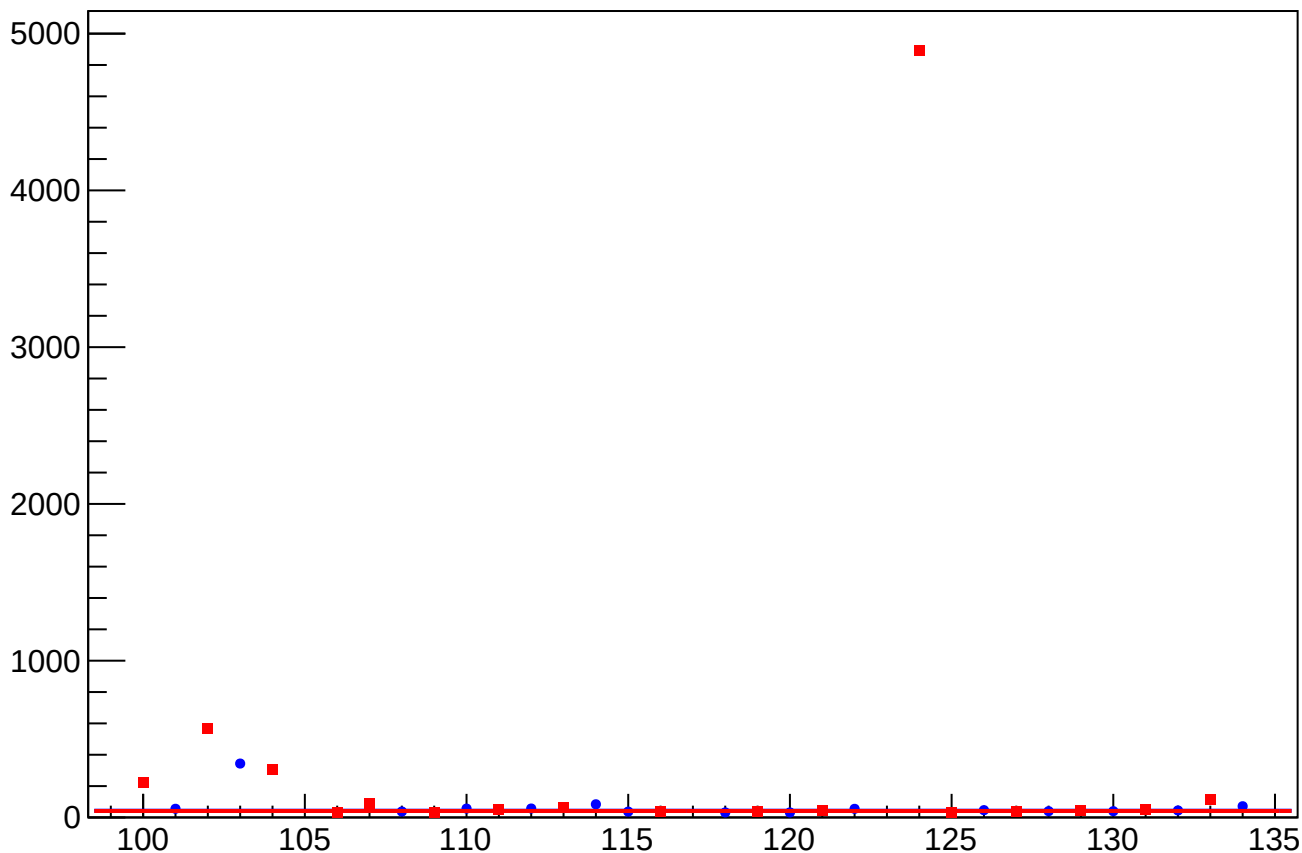
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.014 χ^2/NDF : 26.8/31

- sign 0.000 ± 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: 41.239 $\pm$ 0.014 χ^2 /NDF: 2799445.4/16

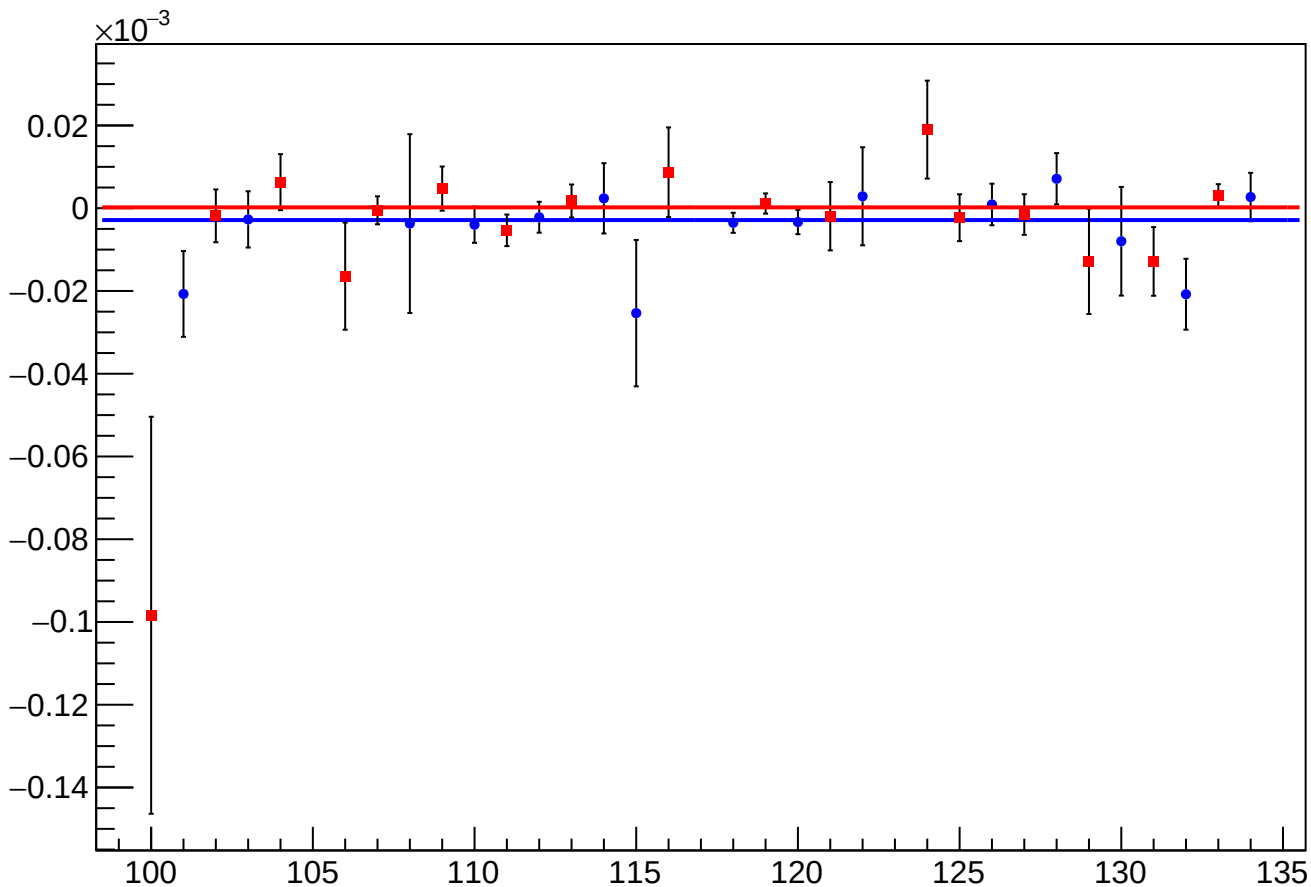
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 42.129 $\pm$ 0.010 χ^2 /NDF: 4274447.3/31

- 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 : 17.9/16

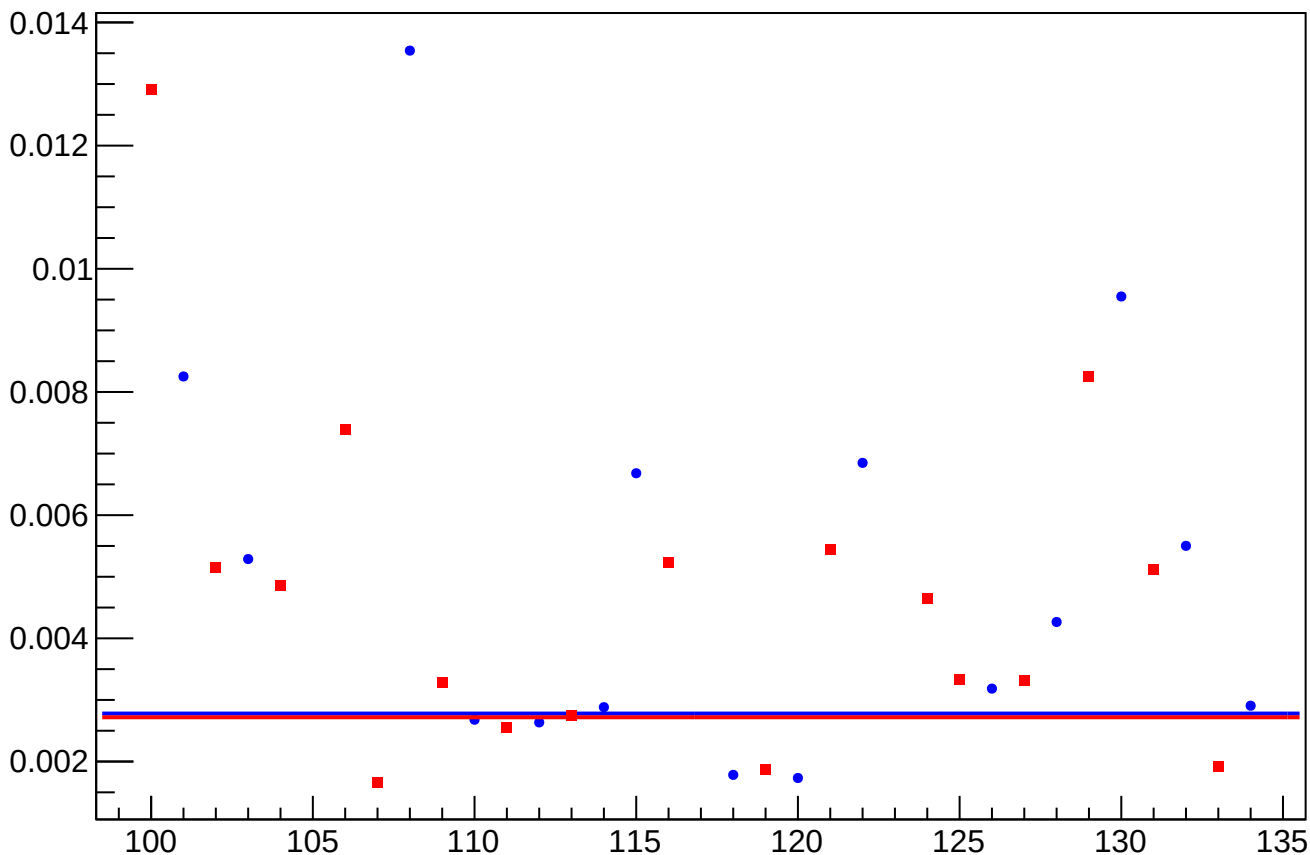
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 35.0/31

- 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 : 2442211.3/16

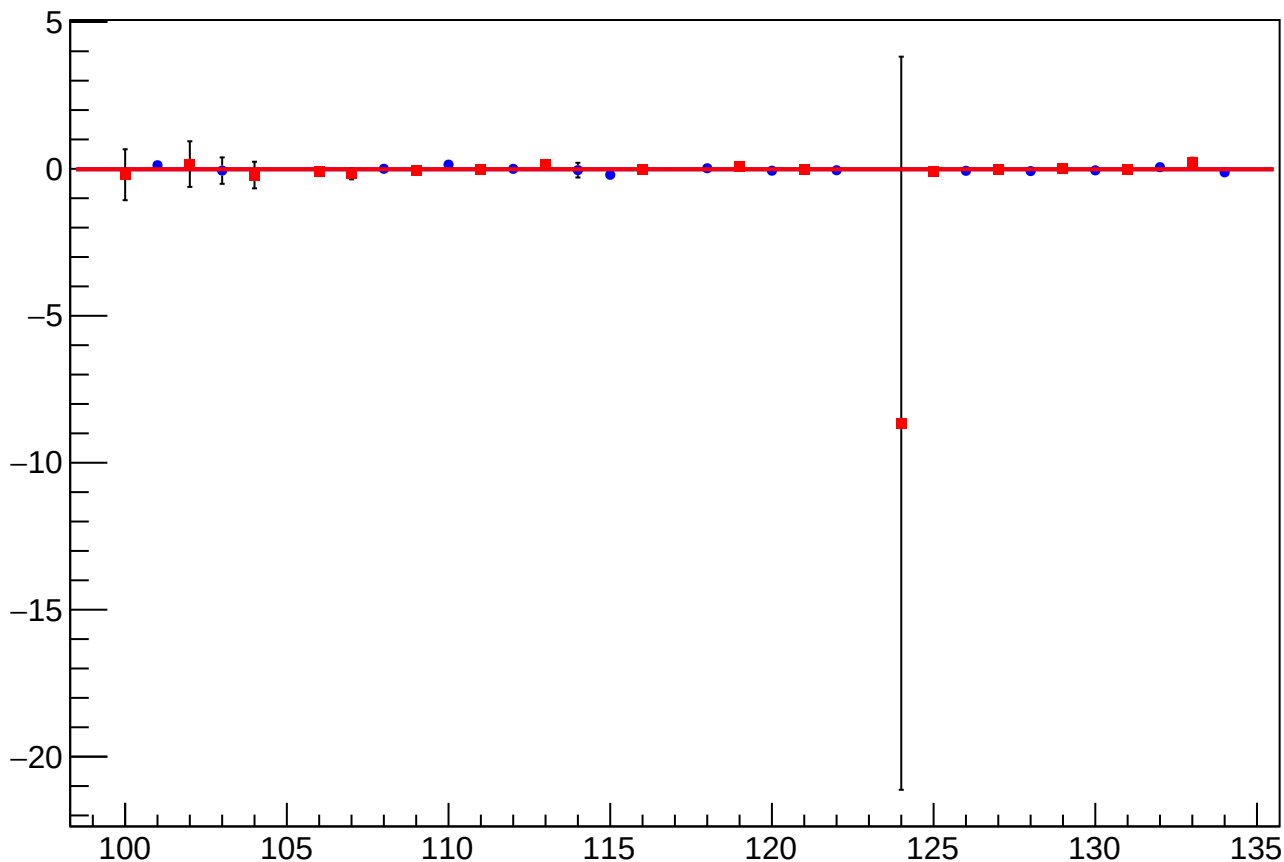
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 5561533.5/31

- 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 ± 0.019 χ^2/NDF : 14.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.014 ± 0.019 χ^2/NDF : 12.5/16

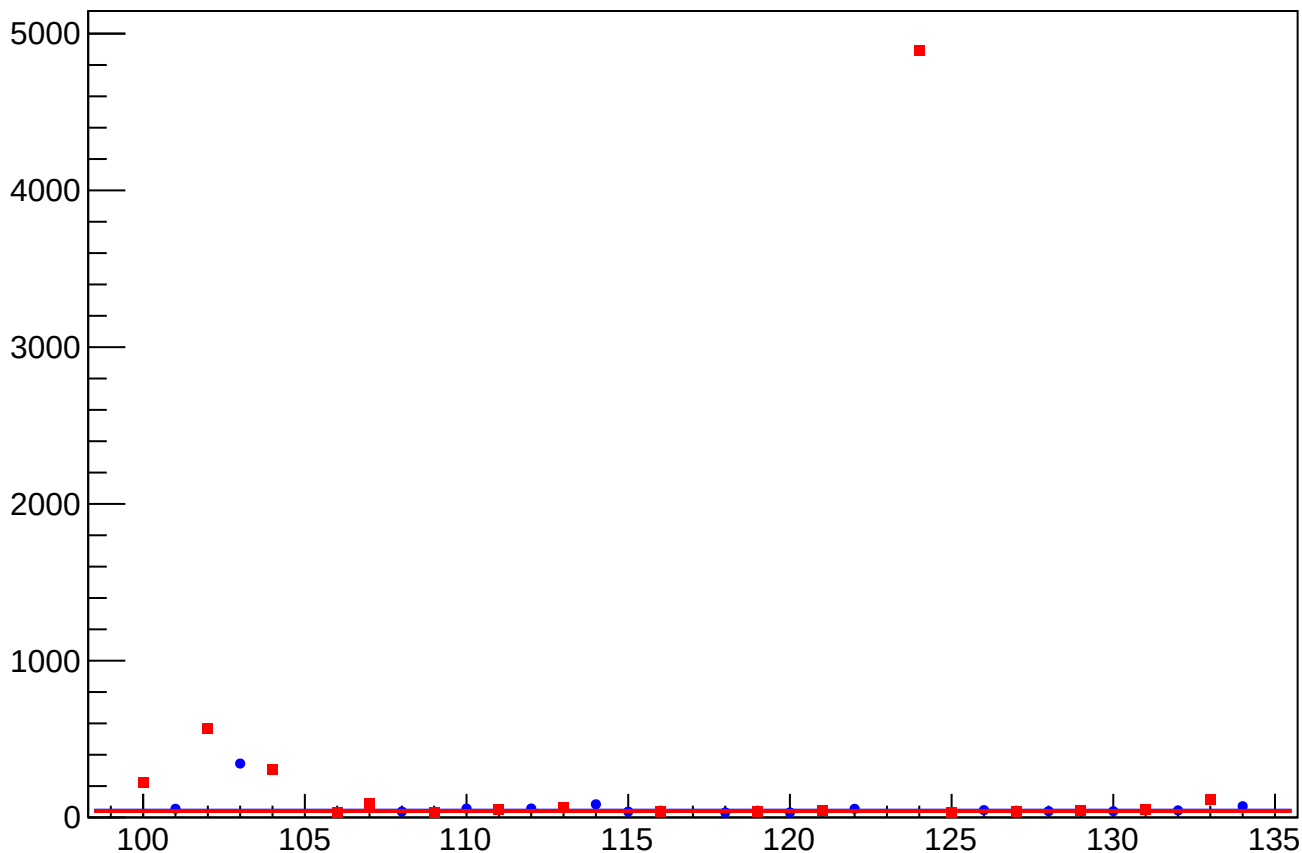
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.014 χ^2/NDF : 26.8/31

- sign 0.000 ± 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 χ^2/NDF : 1466691.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 41.238 $\pm$ 0.014 χ^2/NDF : 2799499.6/16

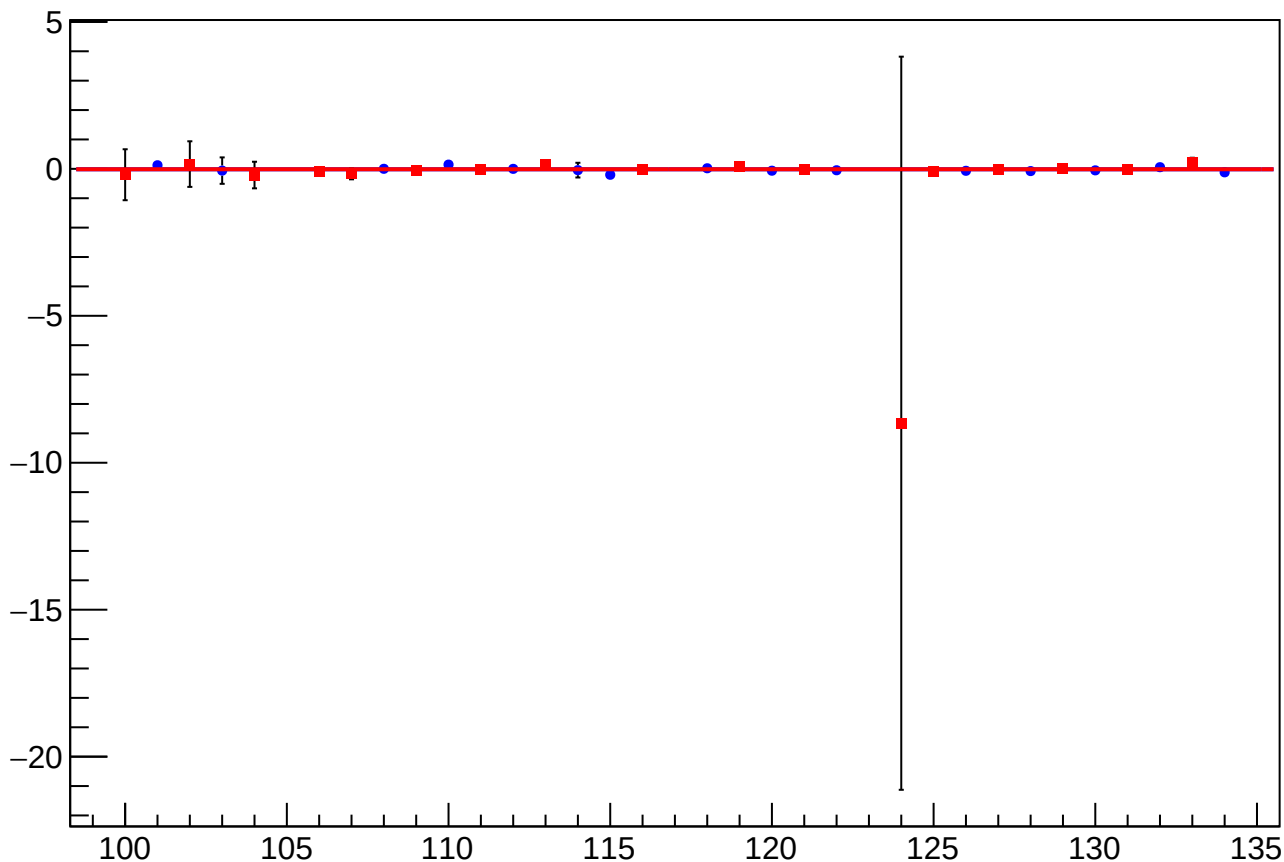
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 42.128 $\pm$ 0.010 χ^2/NDF : 4274516.6/31

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_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: -0.014 ± 0.019 χ^2/NDF : 12.5/16

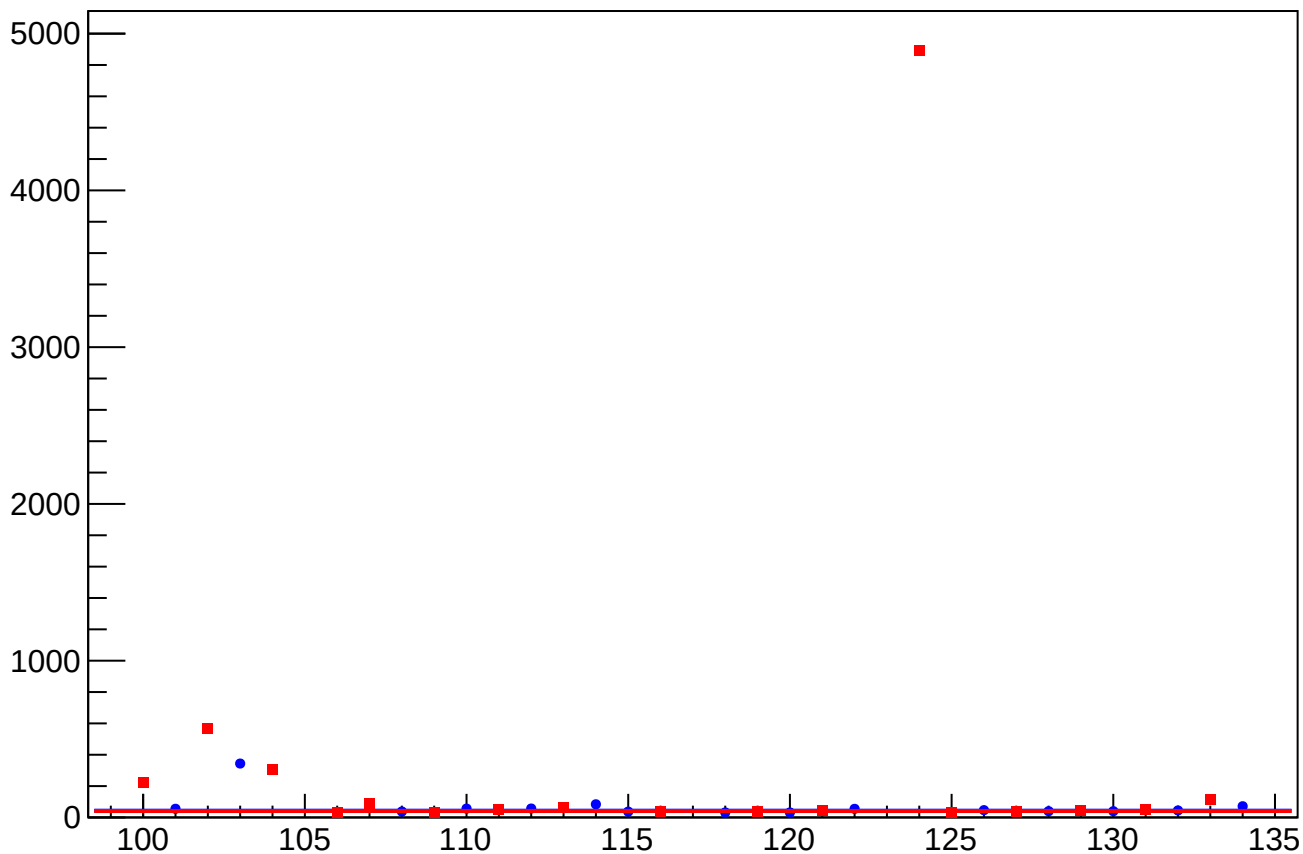
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

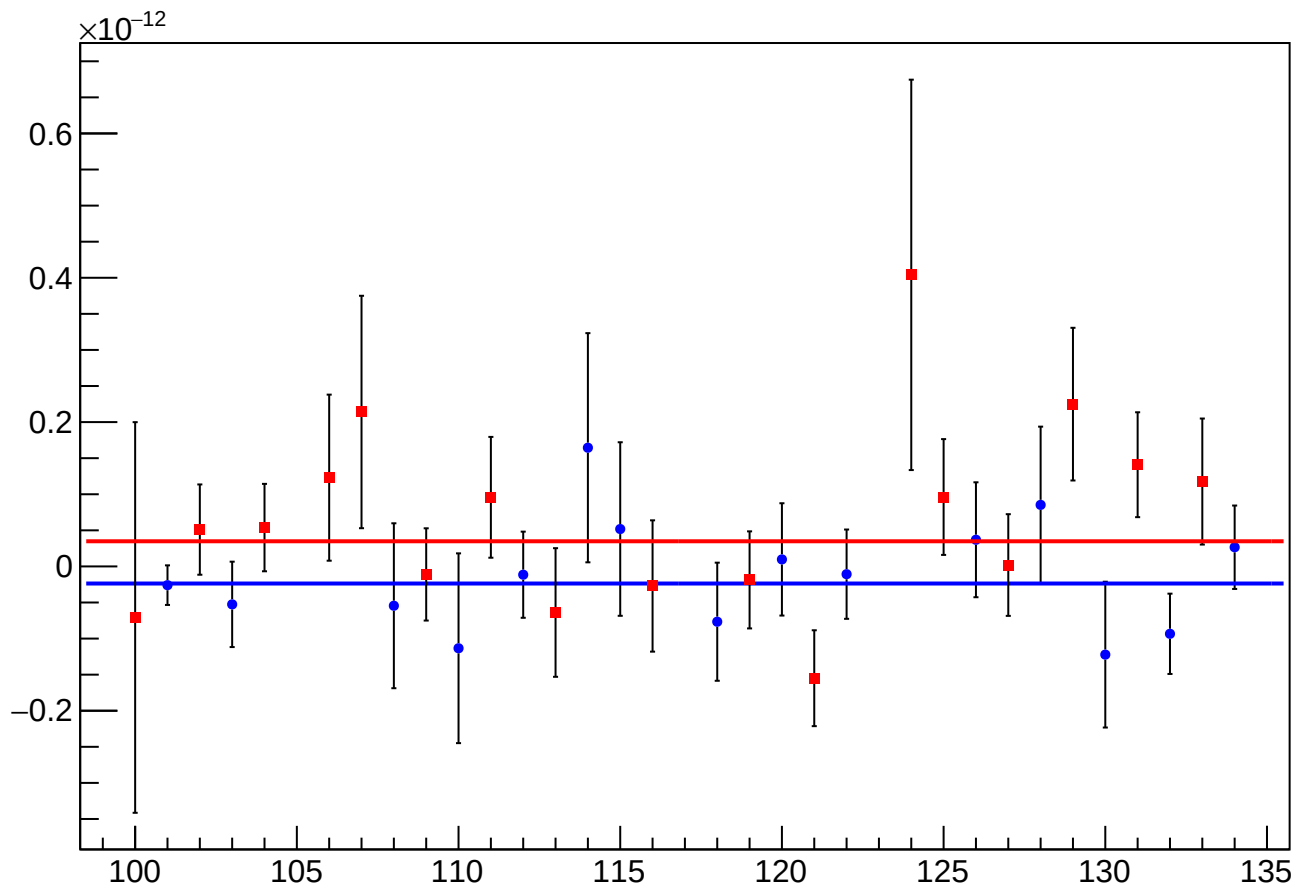
All: -0.015 ± 0.014 χ^2/NDF : 26.8/31

- sign 0.000 ± 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 : 22.6/16

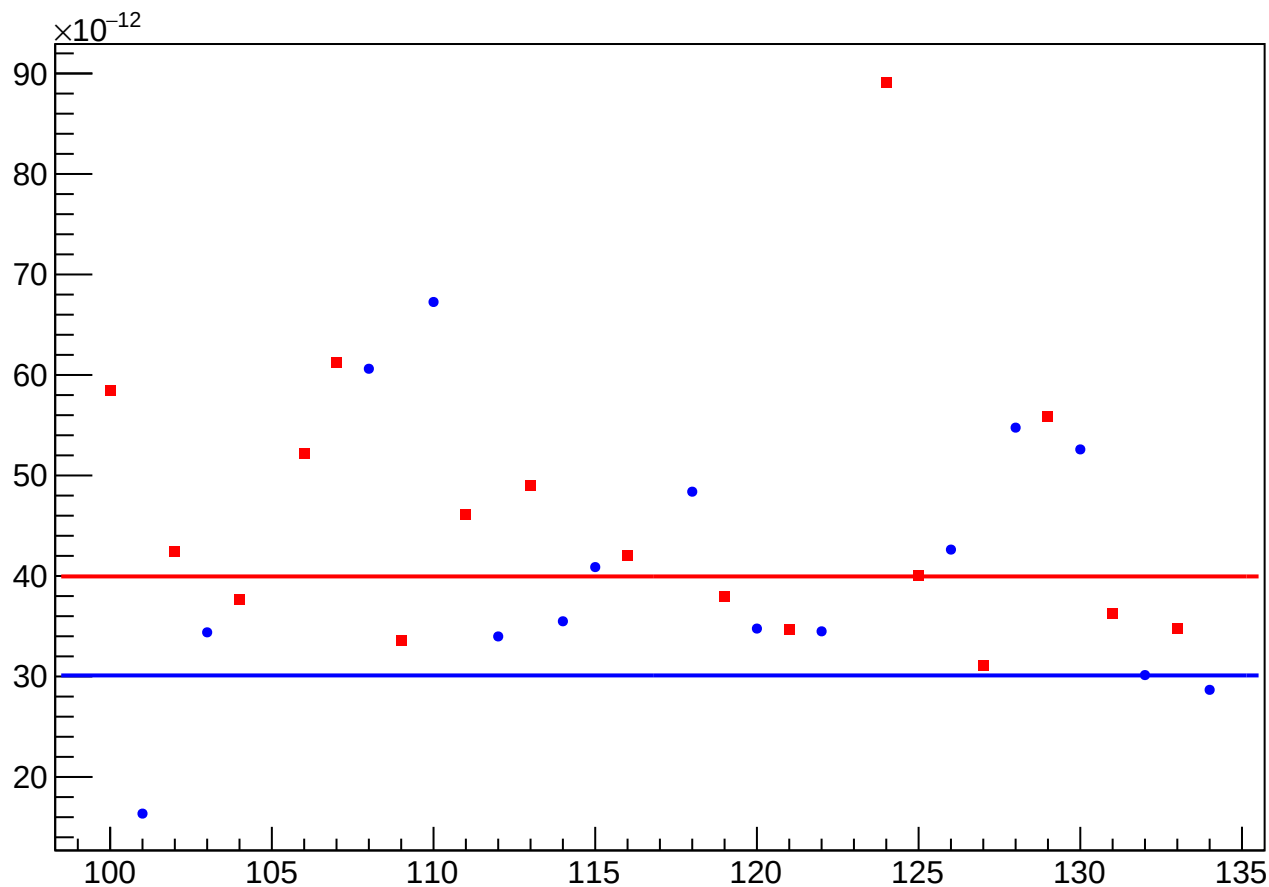
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 35.8/31

- 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 $\pm$ 0.000 χ^2/NDF : 1212034.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 294973.2/16

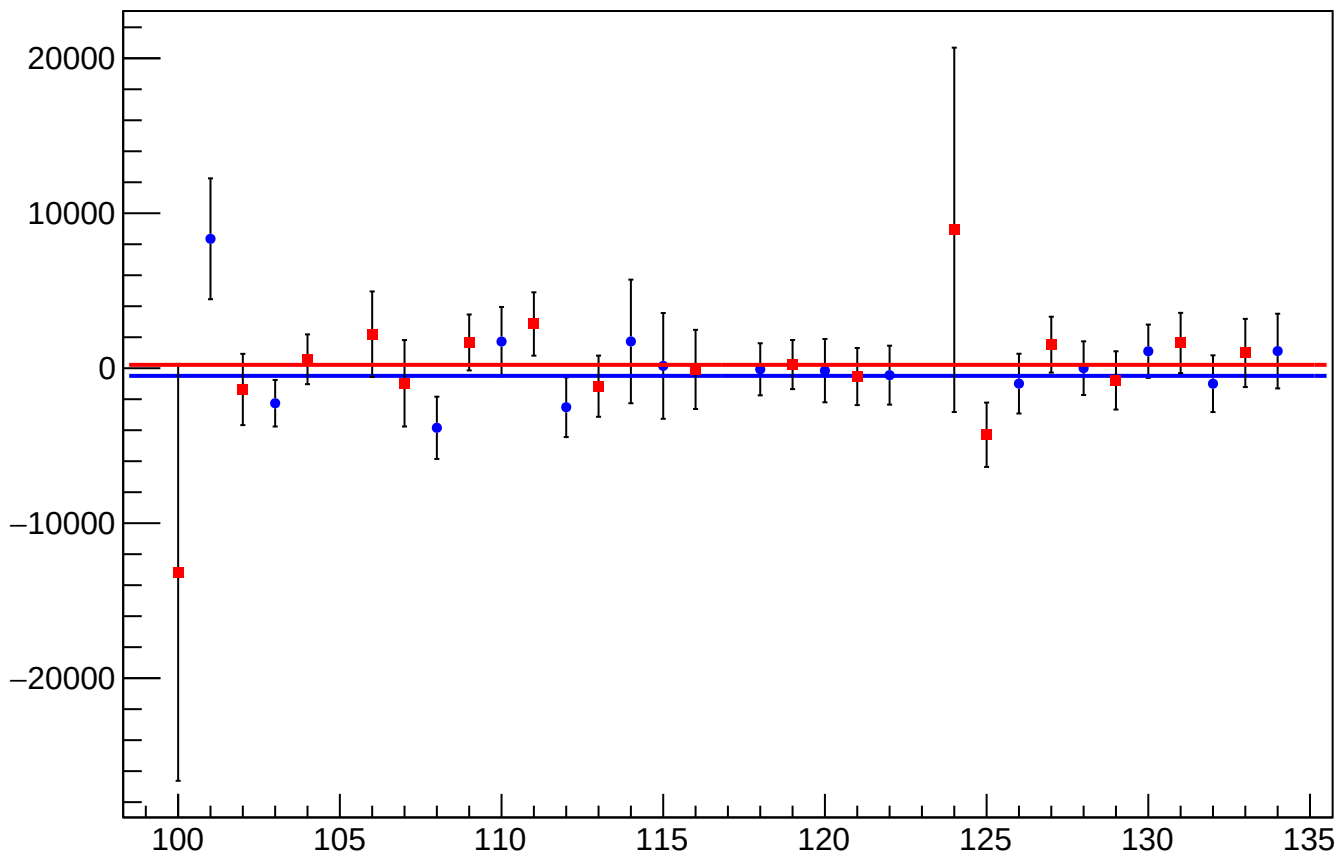
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 1797004.6/31

- sign 0.000 $\pm$ 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: 217.420+/-513.494 χ^2/NDF : 11.9/16

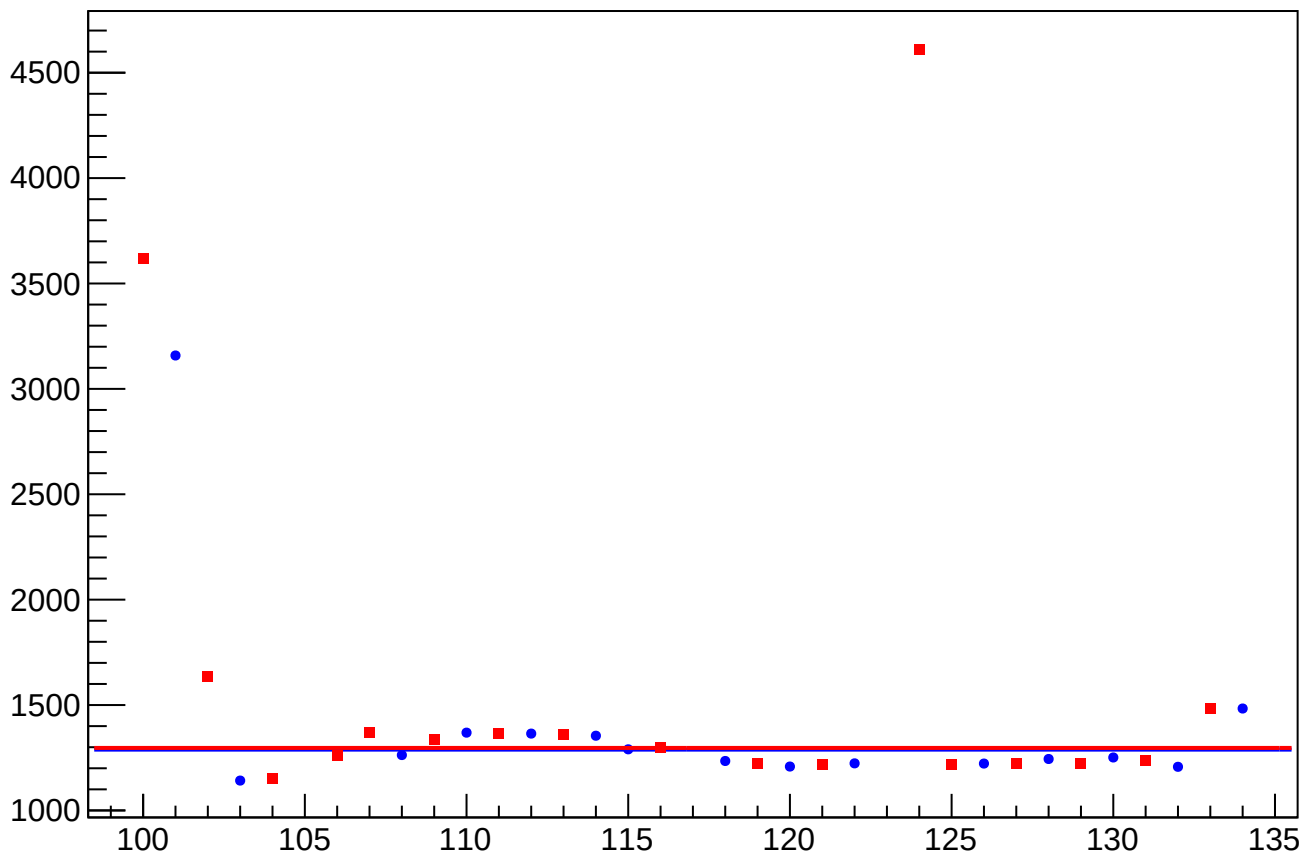
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -131.266+/-366.375 χ^2/NDF : 26.2/31

- 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: 1296.555 $\pm$ 0.362 χ^2 /NDF: 318960.1/16

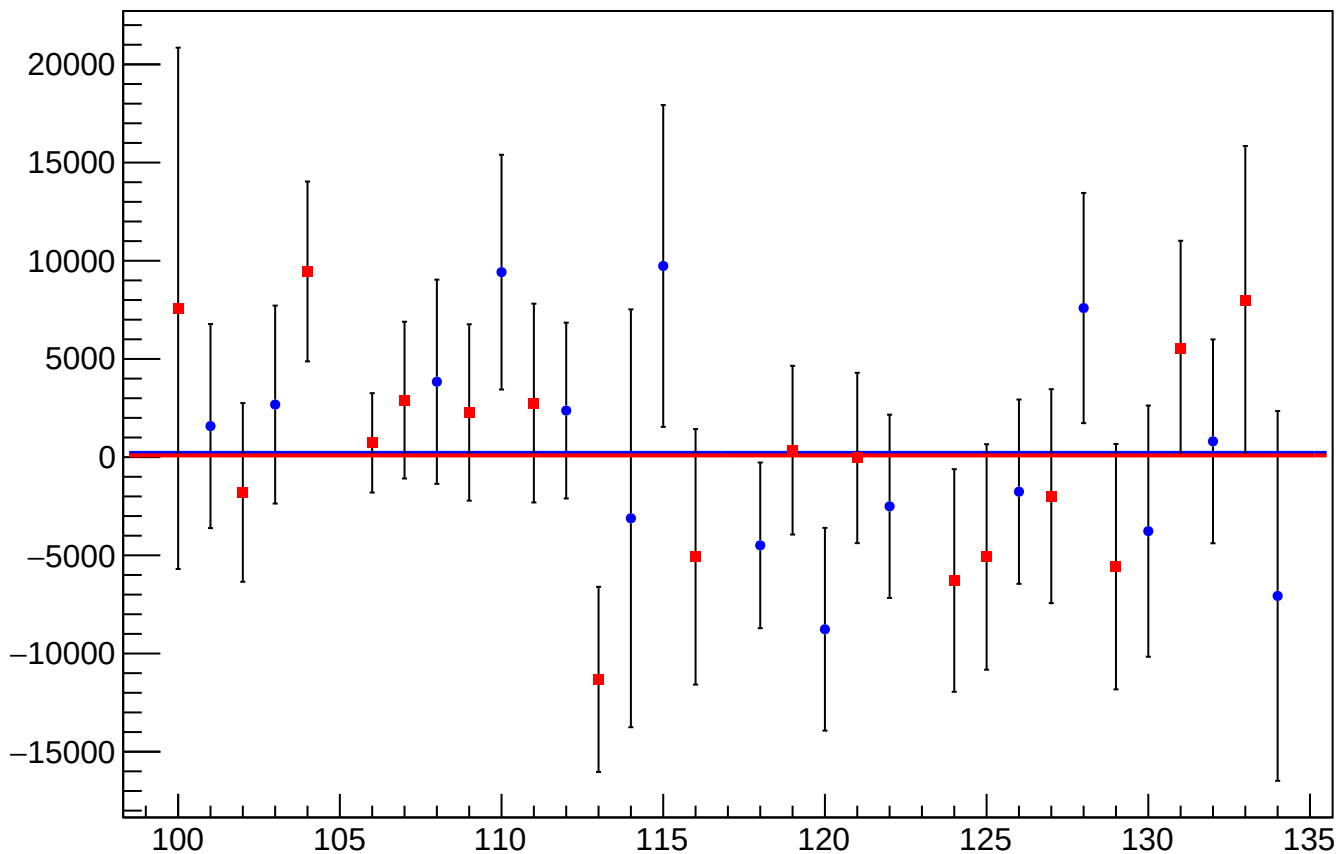
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1292.620 $\pm$ 0.259 χ^2 /NDF: 833824.4/31

- 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: 86.795 $\pm$ 1150.348 χ^2 /NDF: 17.3/16

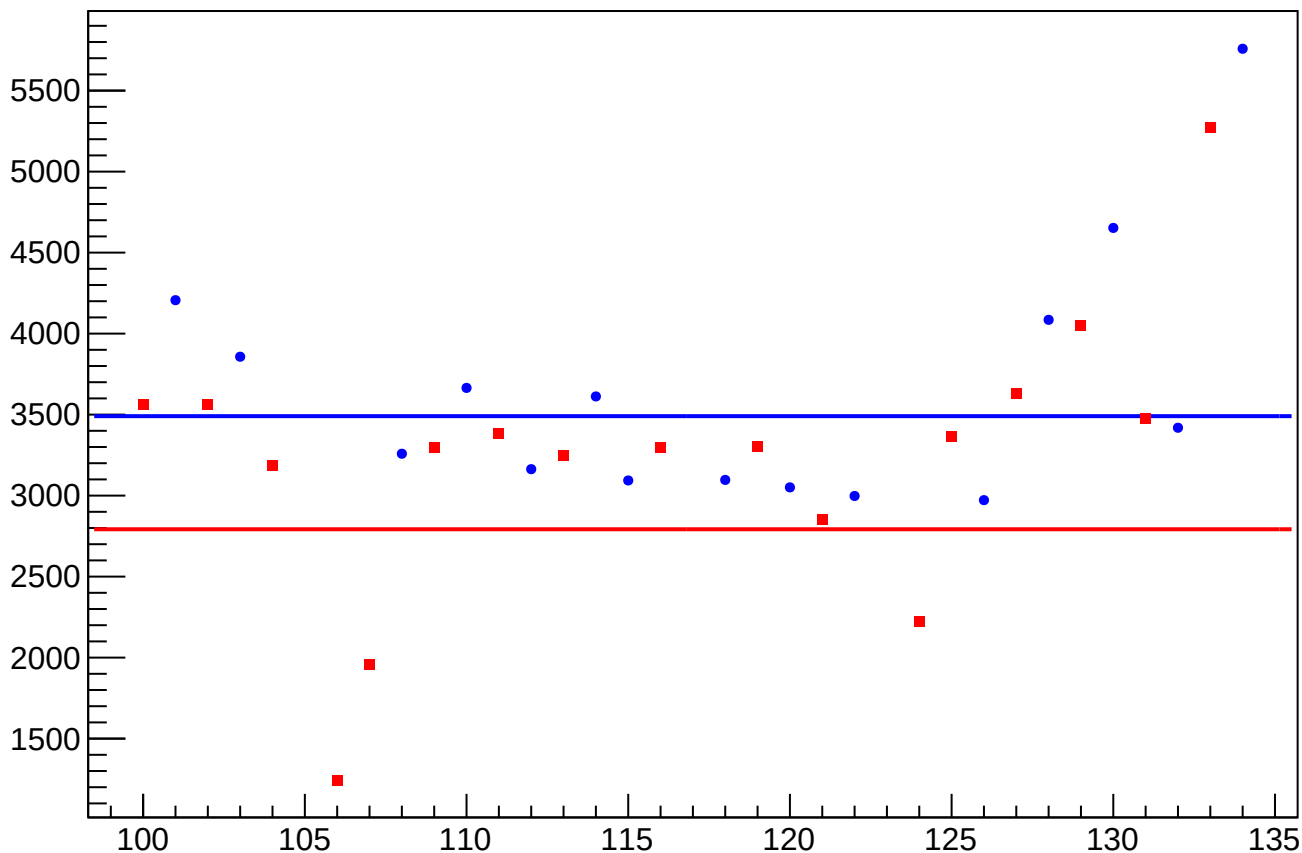
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 138.595 $\pm$ 891.696 χ^2 /NDF: 29.5/31

- 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

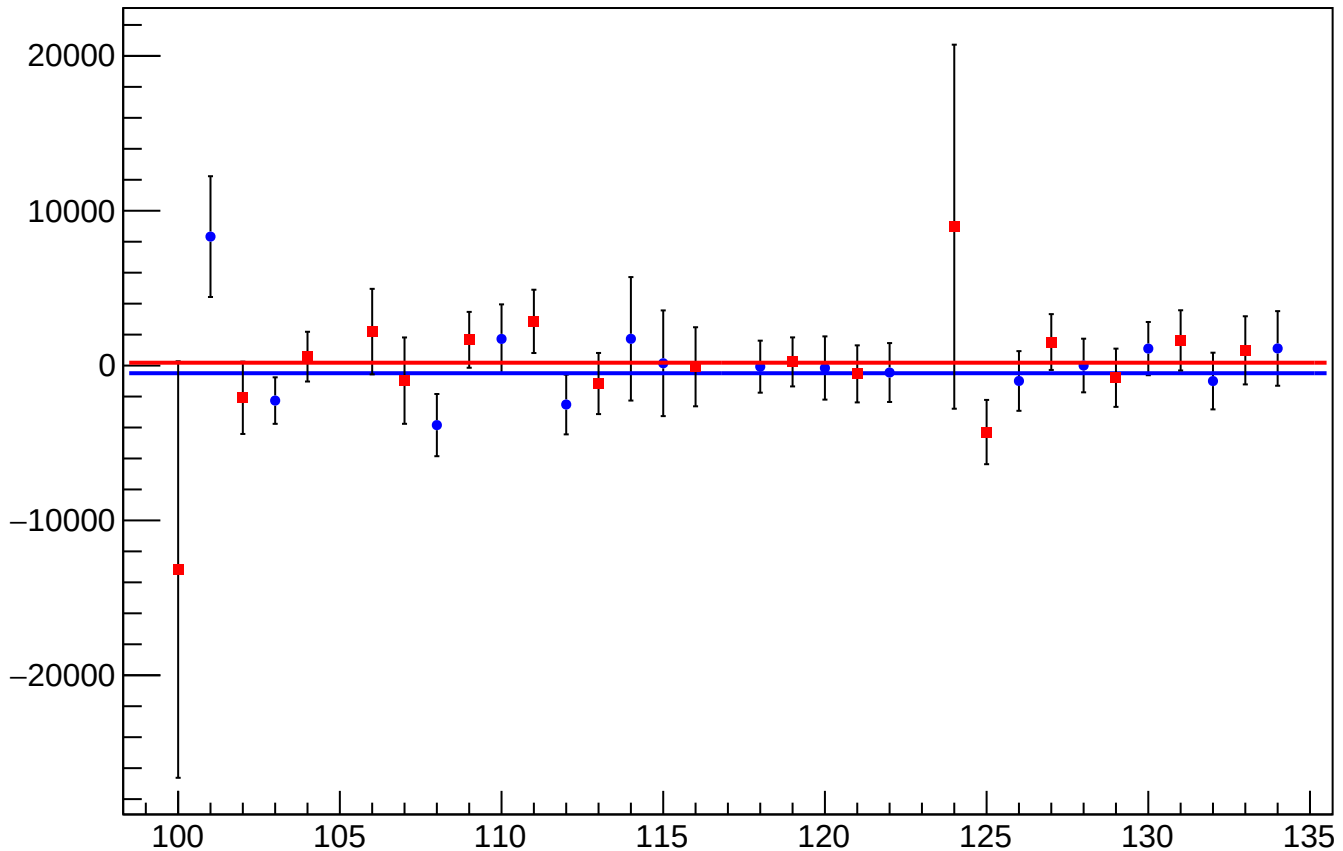
Right Out: 2792.290+/-0.813 χ^2/NDF : 1429809.5/16

All: 3070.942+/-0.631 χ^2/NDF : 2075360.9/31

- 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_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: 185.468+/-513.871 χ^2/NDF : 12.4/16

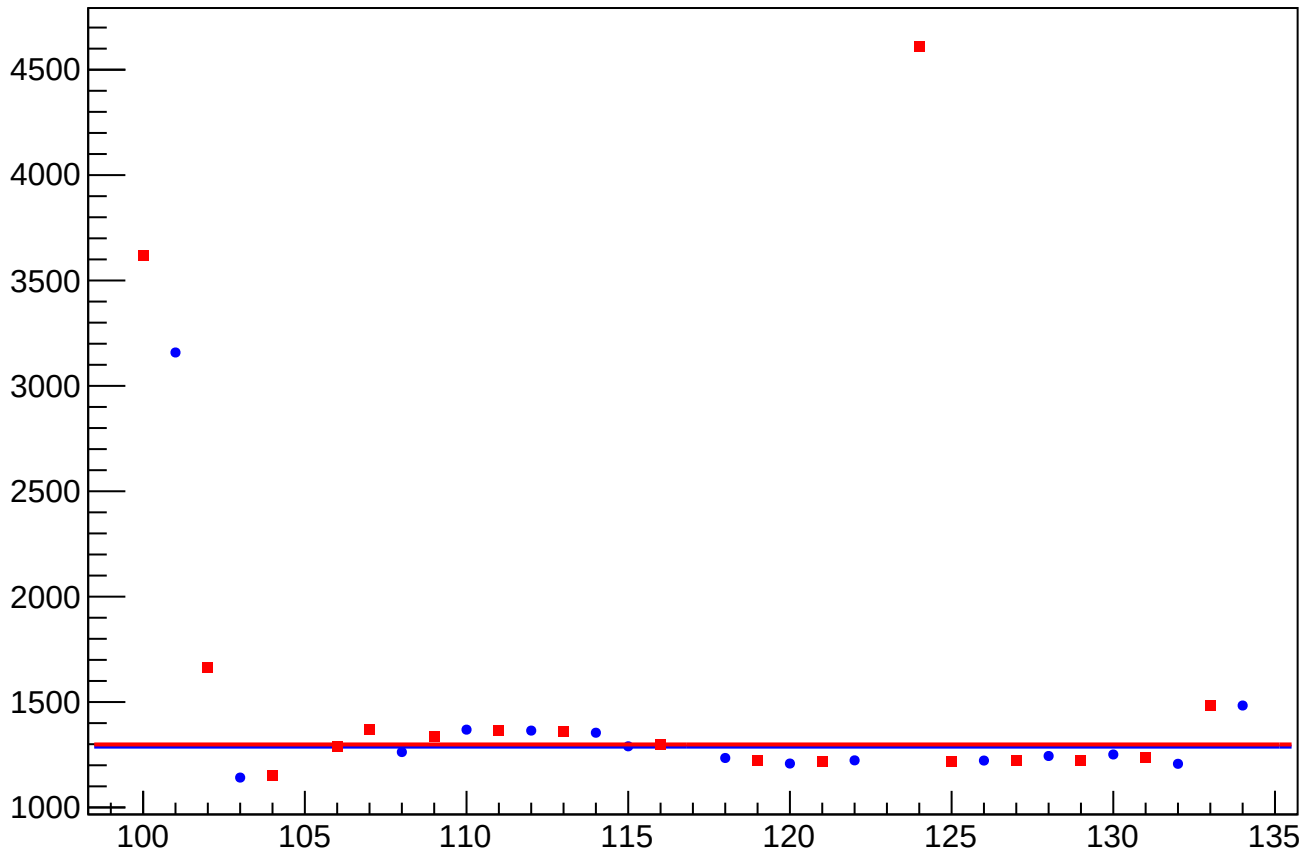
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -148.004+/-366.512 χ^2/NDF : 26.6/31

- 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

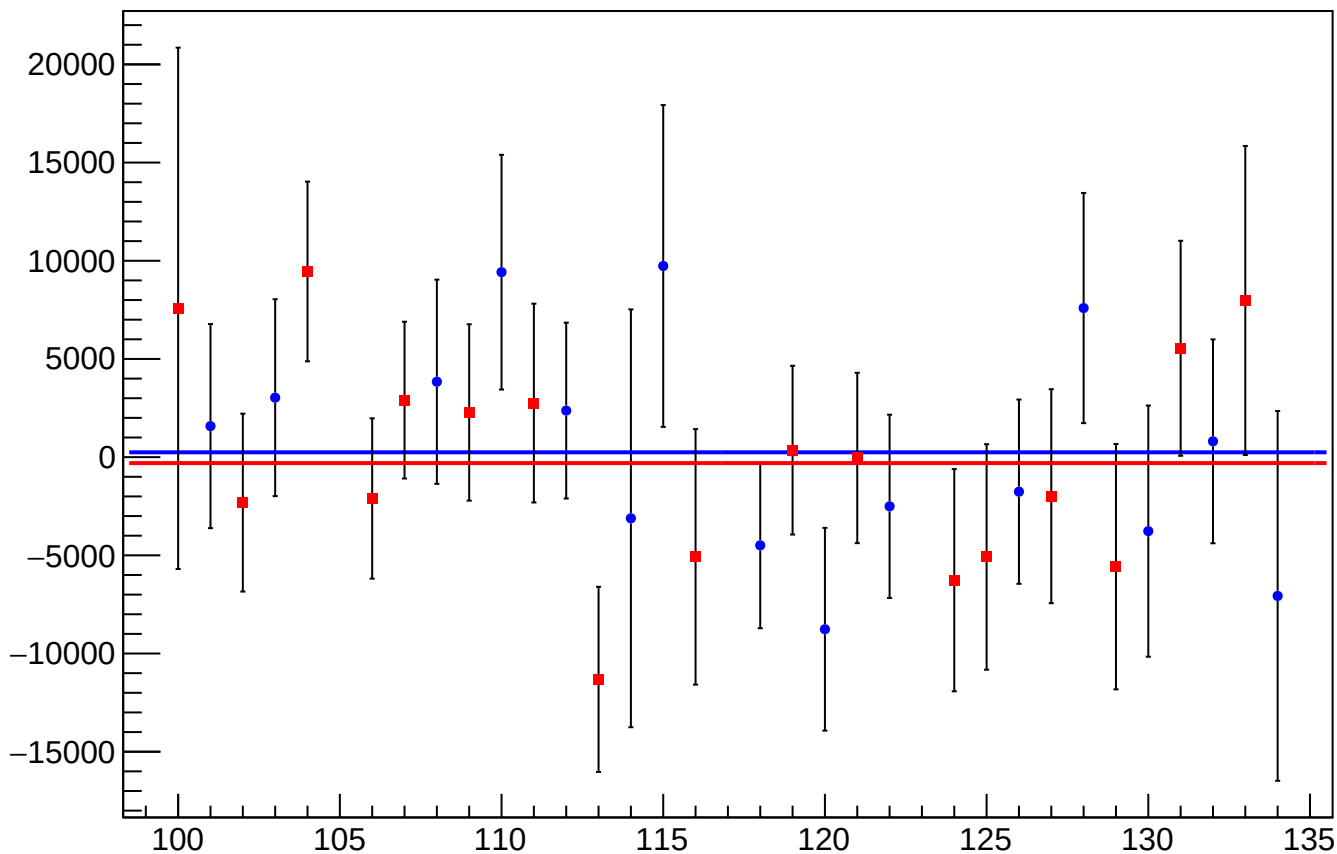
Right Out: 1298.796 $\pm$ 0.363 χ^2 /NDF: 325561.1/16

All: 1293.756 $\pm$ 0.259 χ^2 /NDF: 840579.5/31

- 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_at1_avg_at2_avg_dd_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: -302.867+/-1230.941 χ^2/NDF : 17.5/16

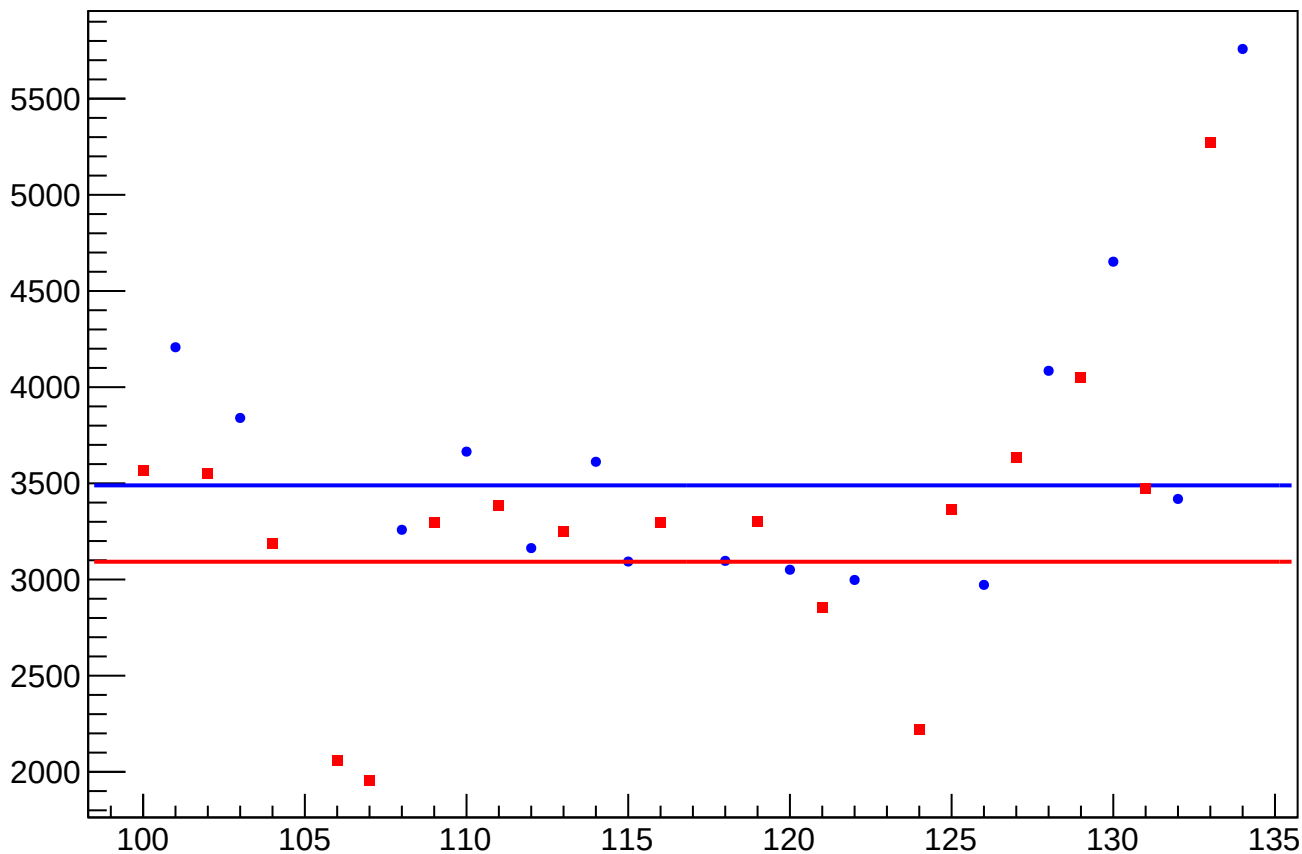
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.552+/-927.539 χ^2/NDF : 29.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_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

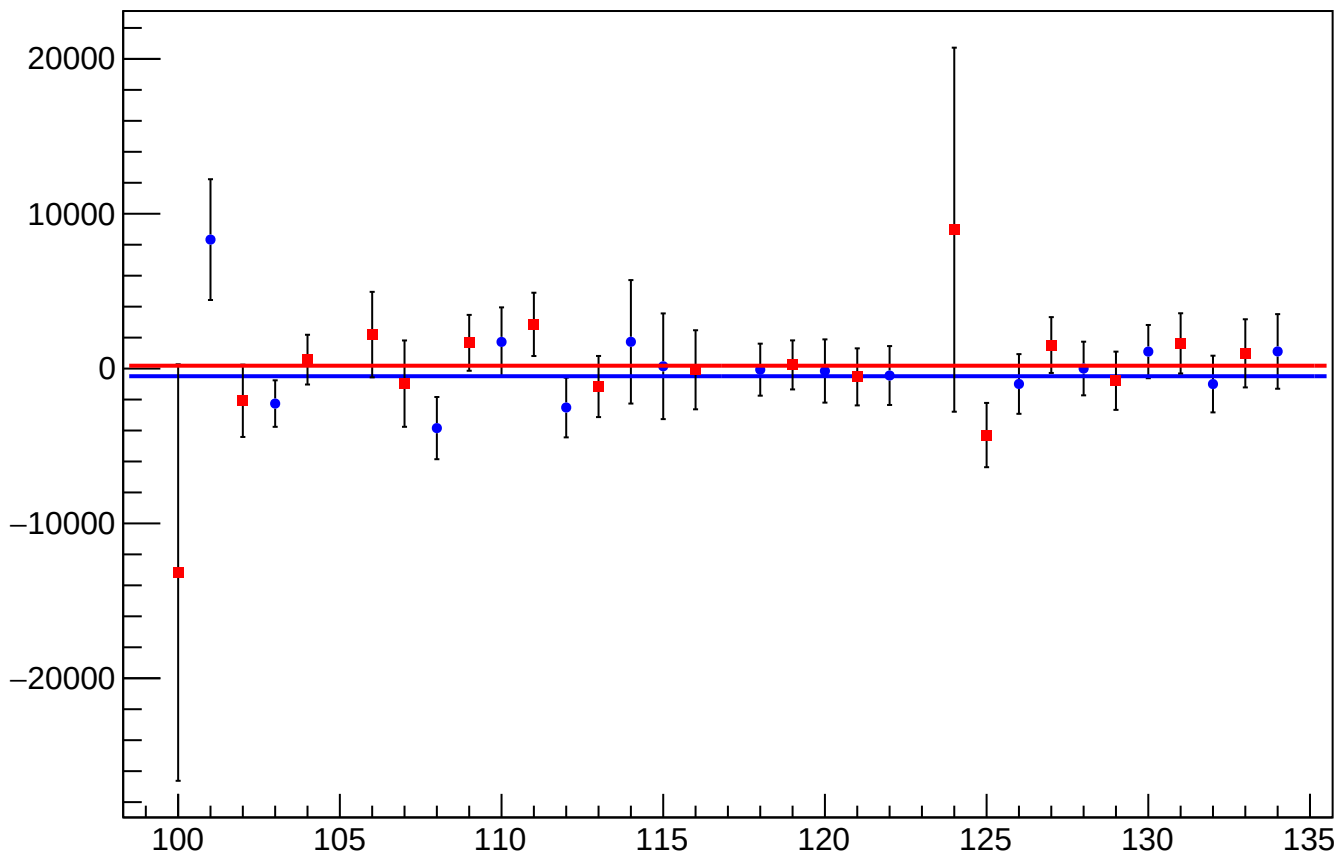
Right Out: 3092.446+/-0.870 χ^2/NDF : 621572.7/16

All: 3264.013+/-0.656 χ^2/NDF : 1062225.4/31

- 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_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: 185.468+/-513.871 χ^2/NDF : 12.4/16

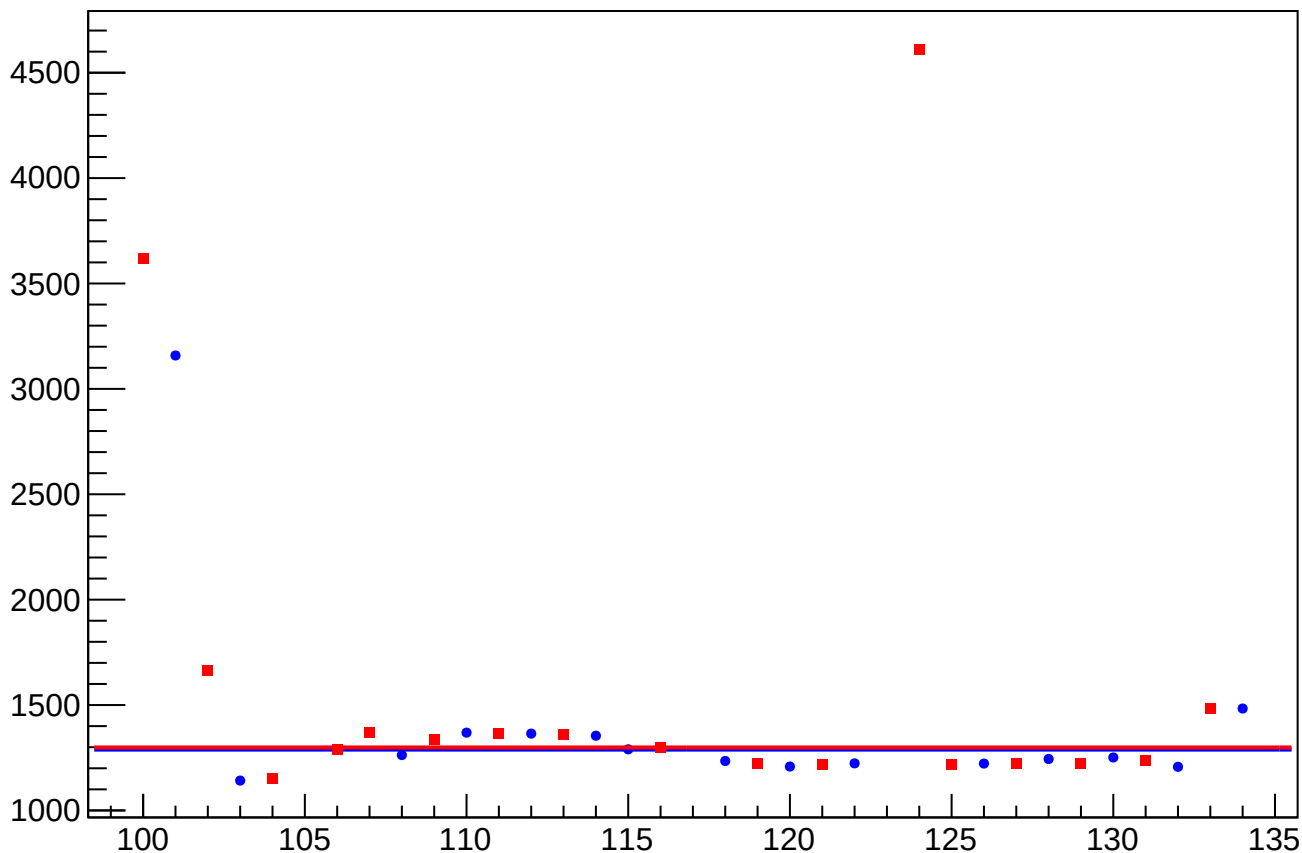
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -148.004+/-366.512 χ^2/NDF : 26.6/31

- 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+/-0.370 χ^2/NDF : 514624.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.796+/-0.363 χ^2/NDF : 325561.1/16

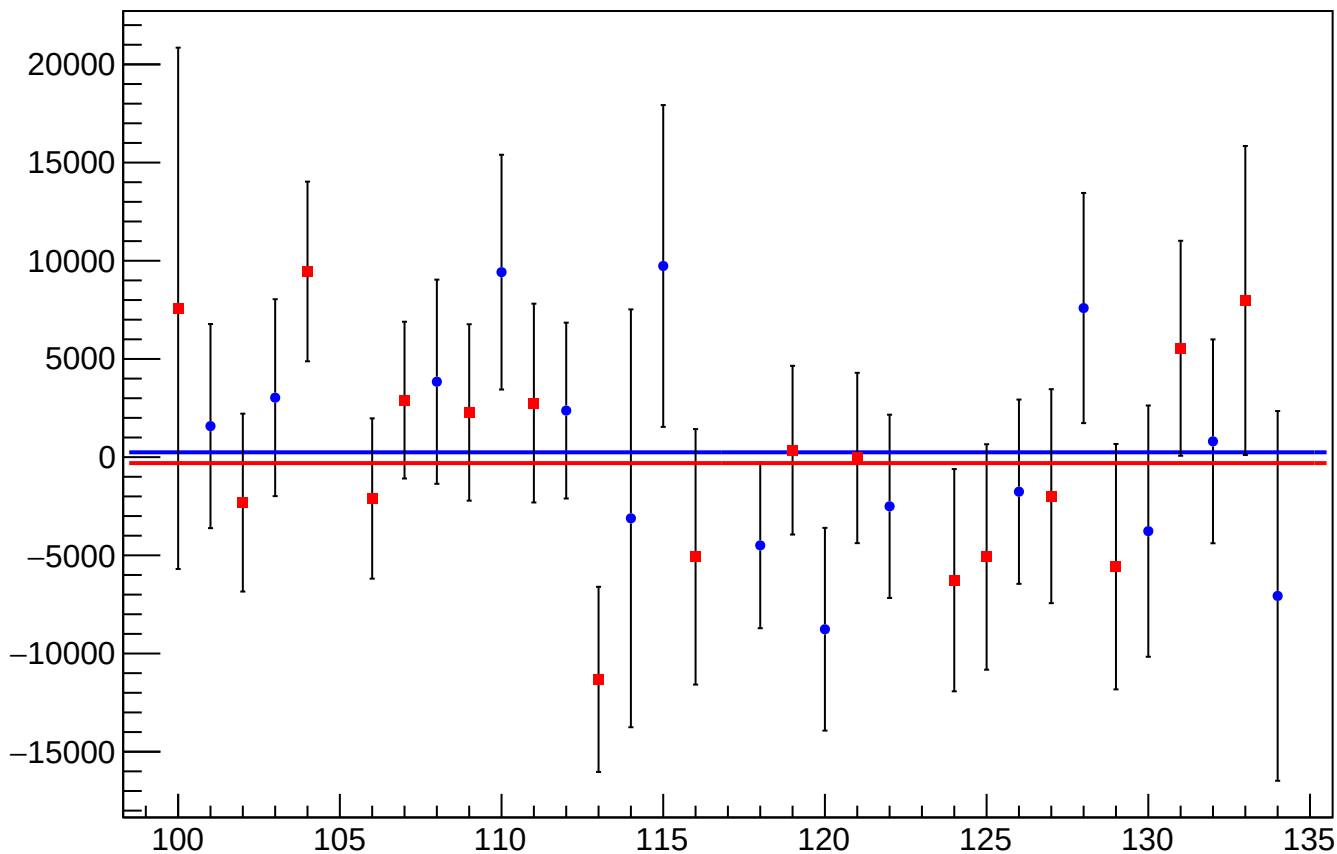
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.756+/-0.259 χ^2/NDF : 840579.5/31

- sign 0.000+/-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: -302.867+/-1230.941 χ^2/NDF : 17.5/16

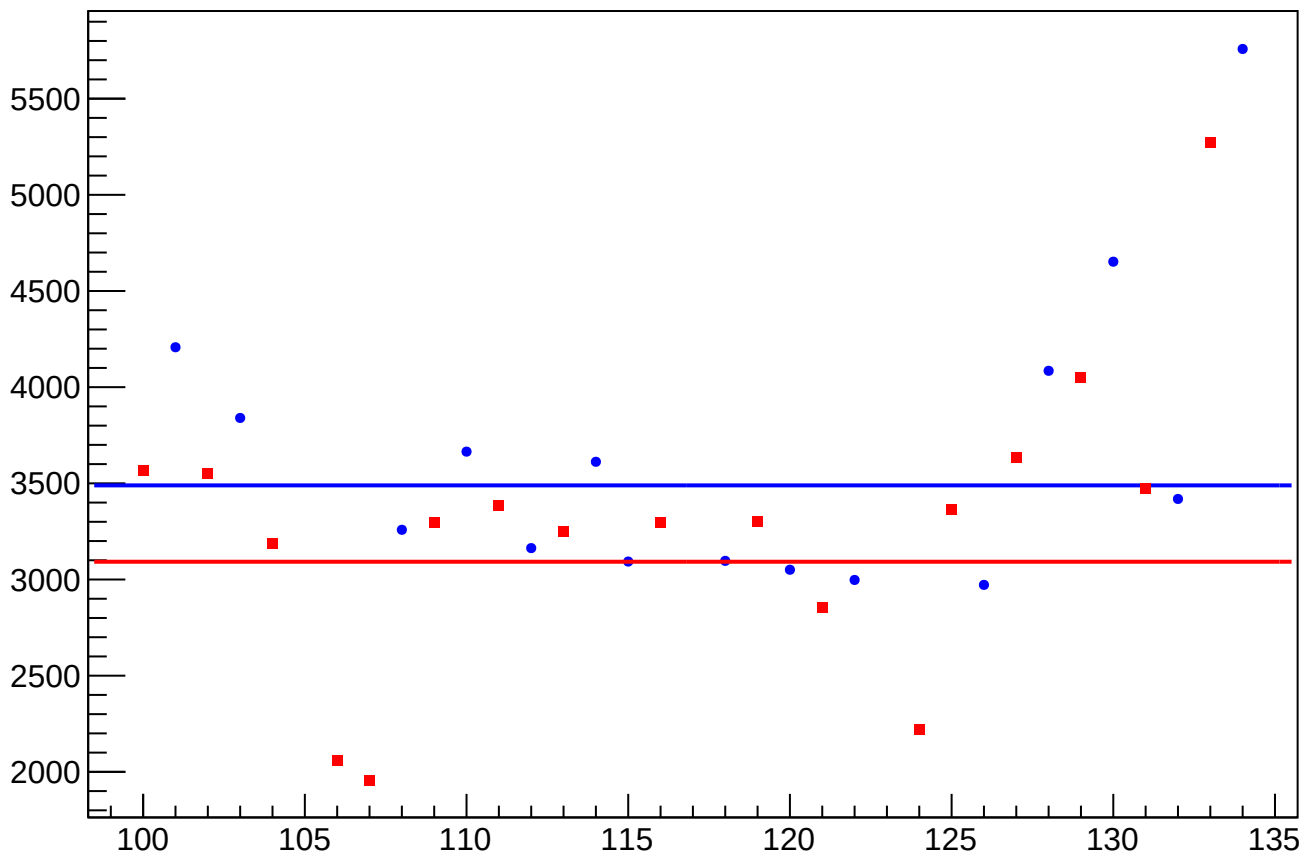
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.552+/-927.539 χ^2/NDF : 29.9/31

- 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

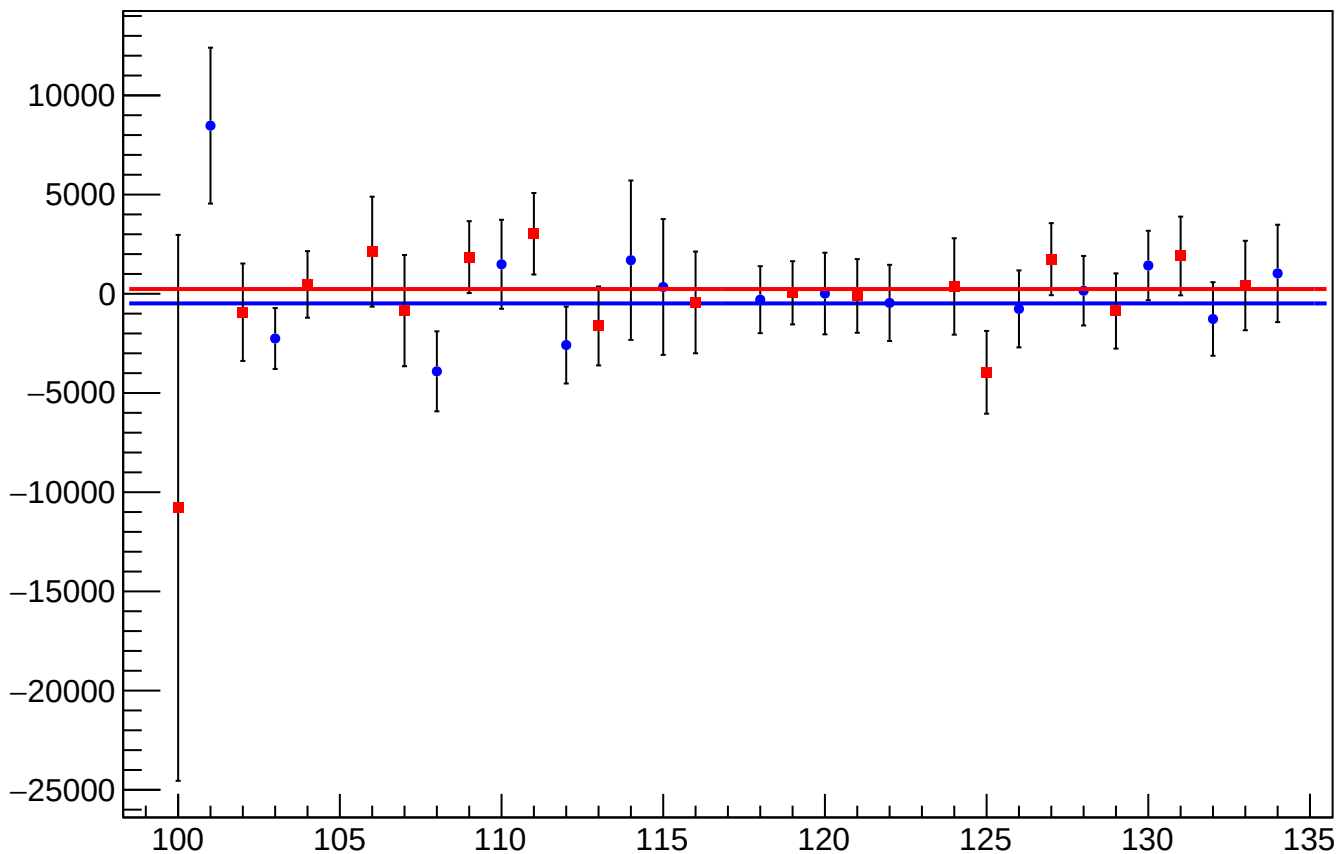
Right Out: 3092.446 $\pm$ 0.870 χ^2 /NDF: 621572.7/16

All: 3264.013 $\pm$ 0.656 χ^2 /NDF: 1062225.4/31

- 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_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: 240.257+/-509.871 χ^2/NDF : 10.9/16

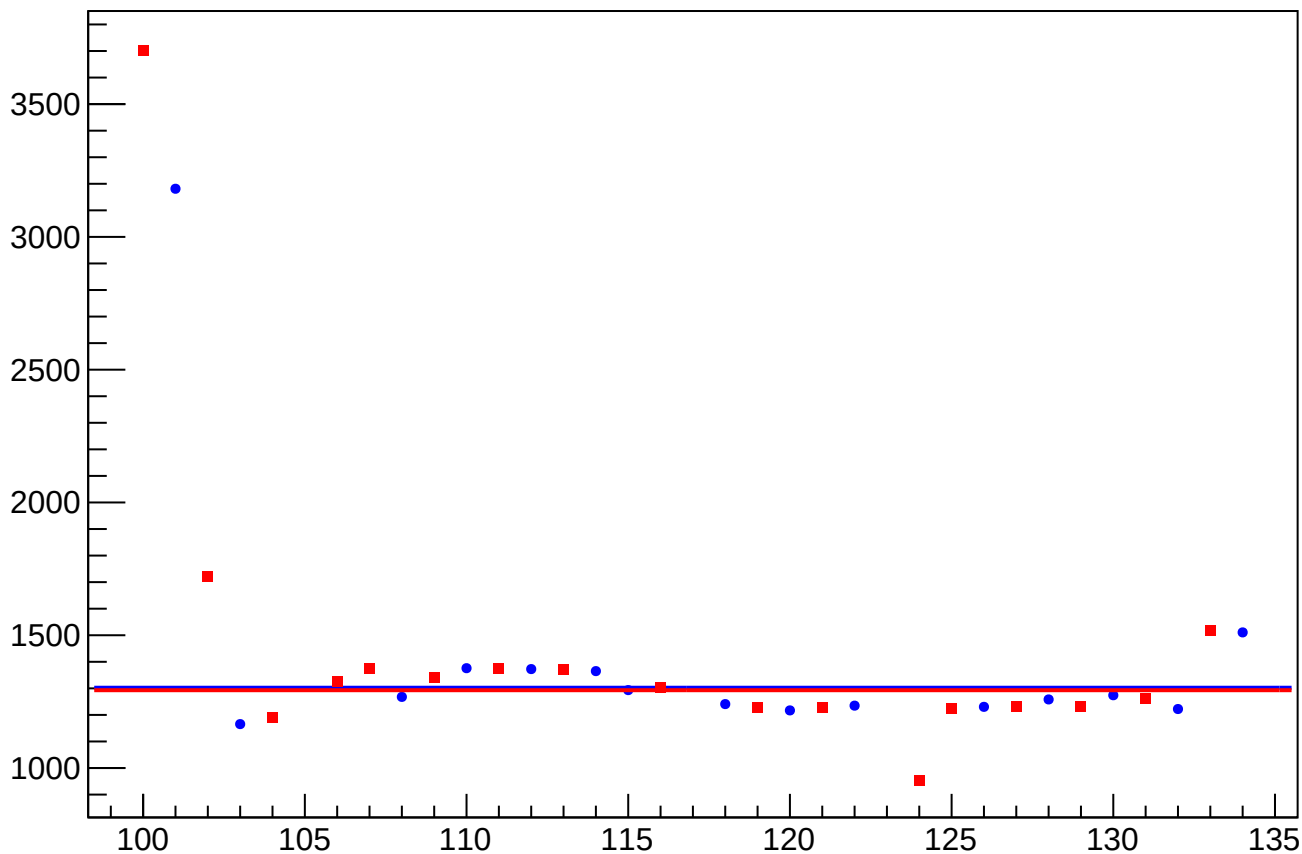
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -109.389+/-366.934 χ^2/NDF : 25.6/31

- 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+/-0.374 χ^2/NDF : 510413.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1293.041+/-0.360 χ^2/NDF : 211204.6/16

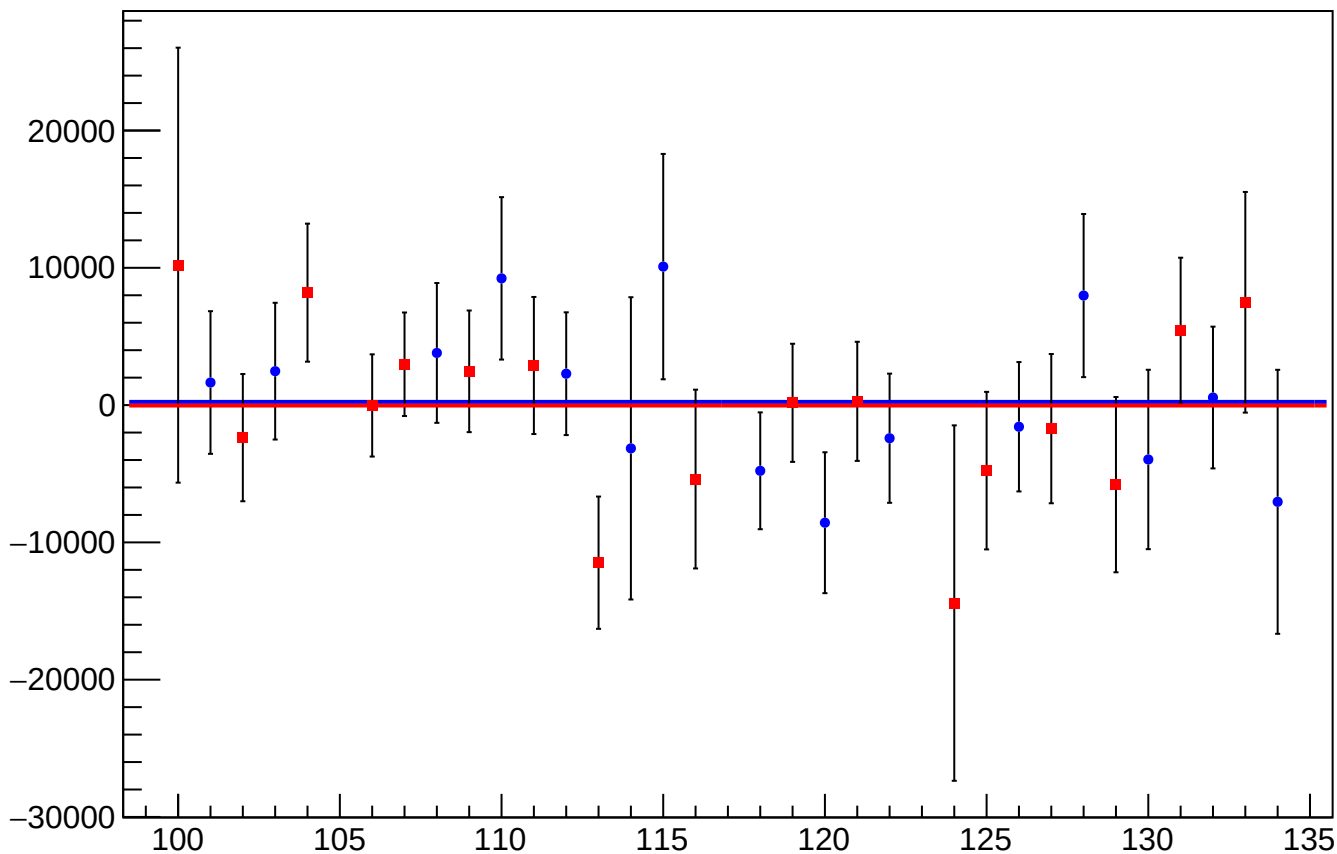
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1297.524+/-0.259 χ^2/NDF : 721940.0/31

- sign 0.000+/-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: -30.502 $\pm$ 1247.043 χ^2 /NDF: 15.7/16

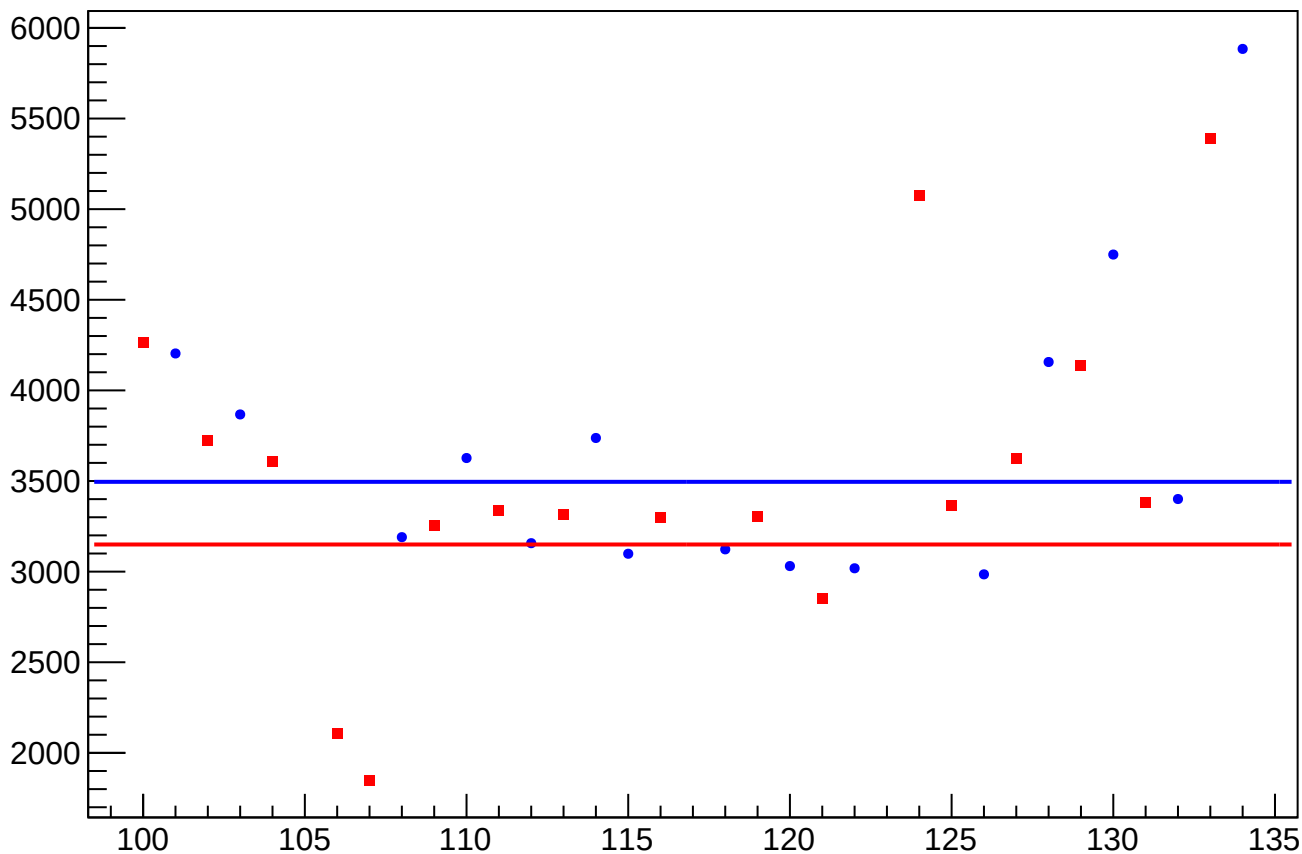
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 85.399 $\pm$ 934.881 χ^2 /NDF: 28.1/31

- 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

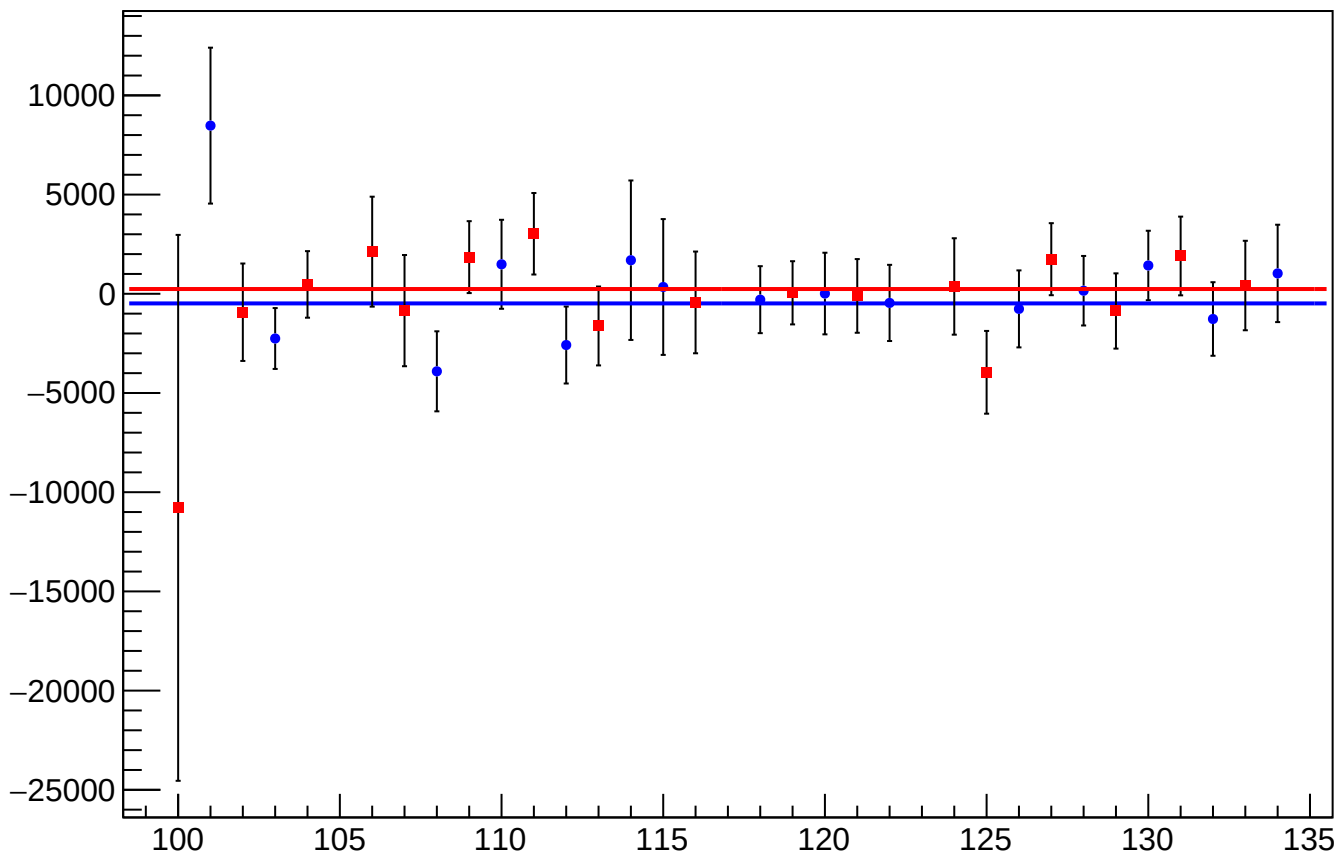
Right Out: 3149.771+/-0.882 χ^2/NDF : 741142.1/16

All: 3301.191+/-0.661 χ^2/NDF : 1180371.5/31

- 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_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: 240.262 ± 509.871 χ^2/NDF : 10.9/16

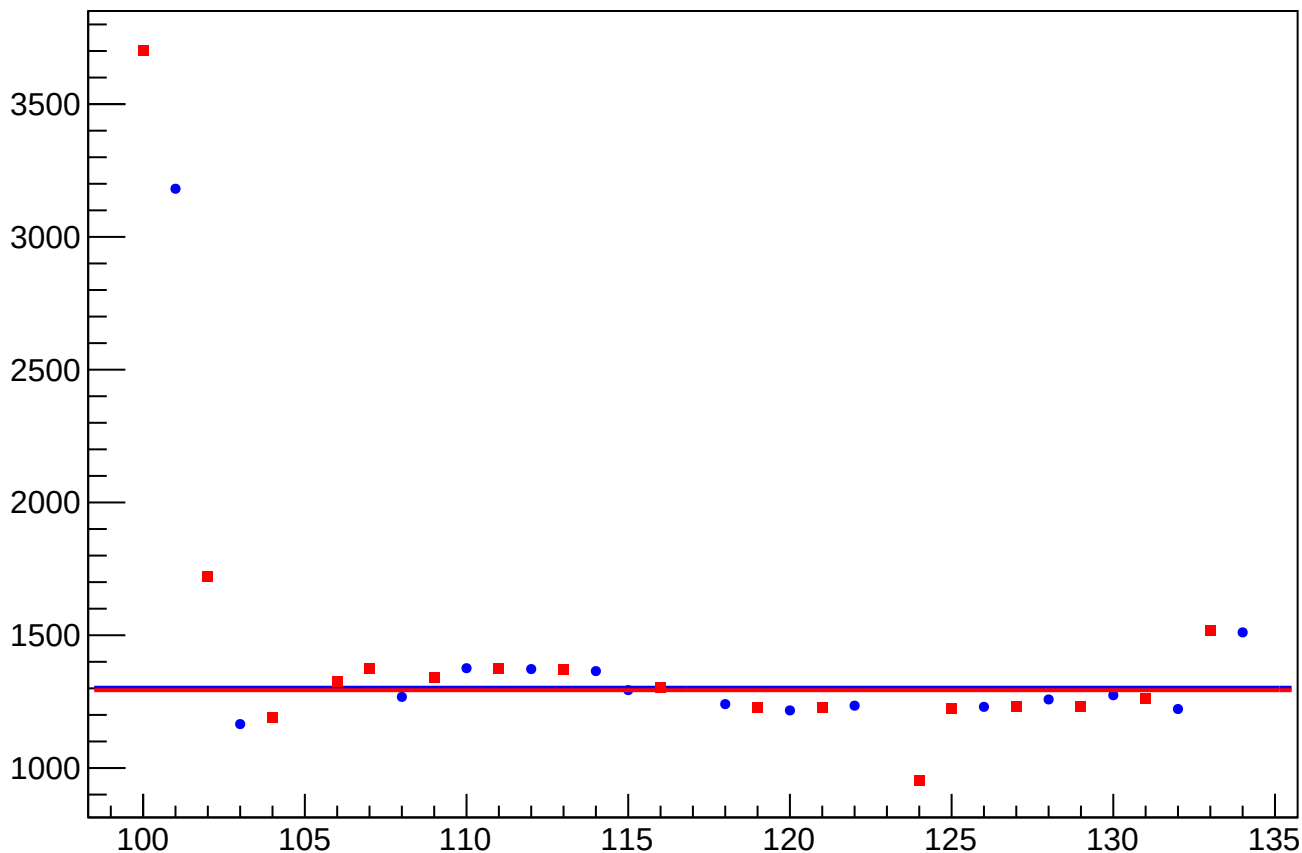
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -109.387 ± 366.933 χ^2/NDF : 25.6/31

- 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: 1293.041+/-0.360 χ^2/NDF : 211204.6/16

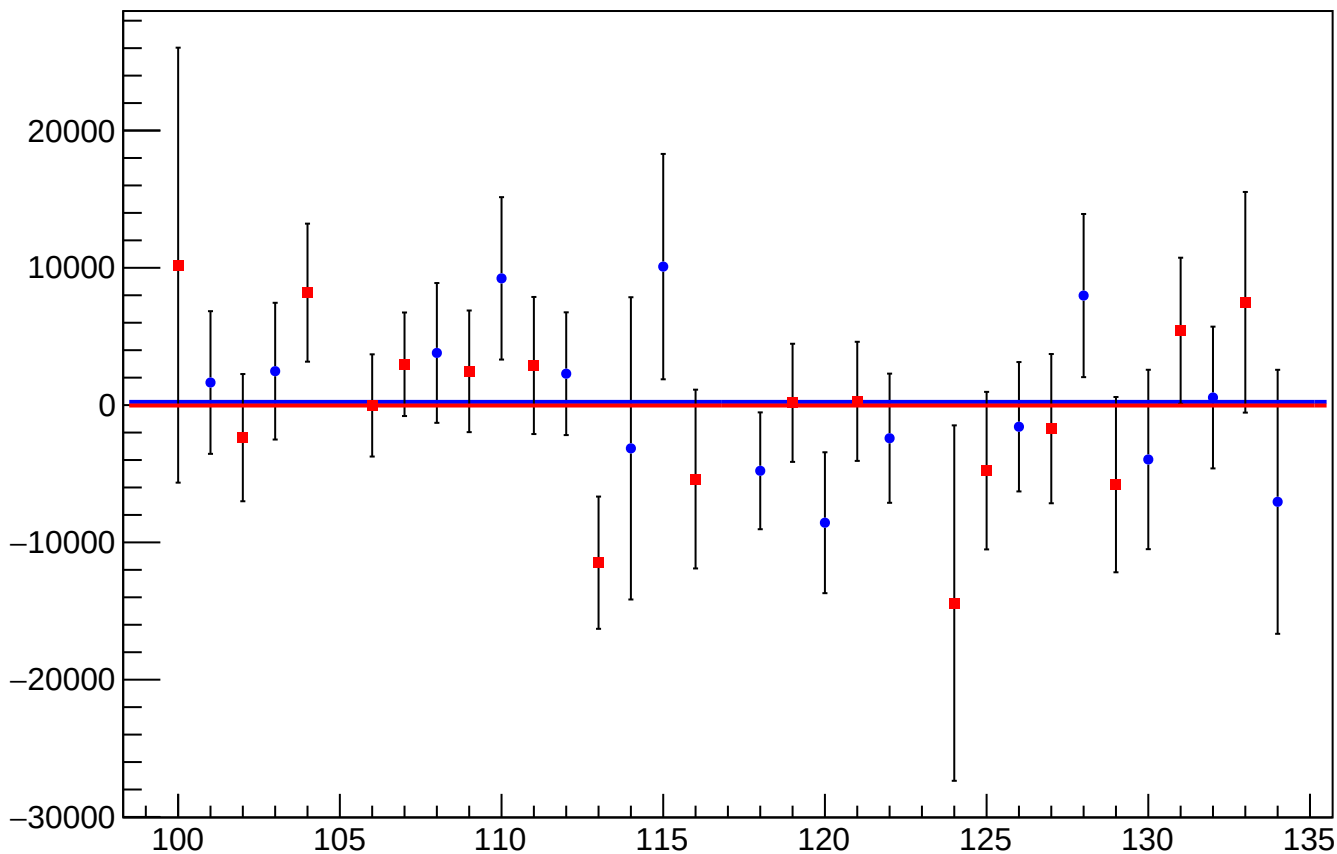
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1297.524+/-0.259 χ^2/NDF : 721940.1/31

- 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 ± 1412.623 χ^2/NDF : 12.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -30.498 ± 1247.039 χ^2/NDF : 15.7/16

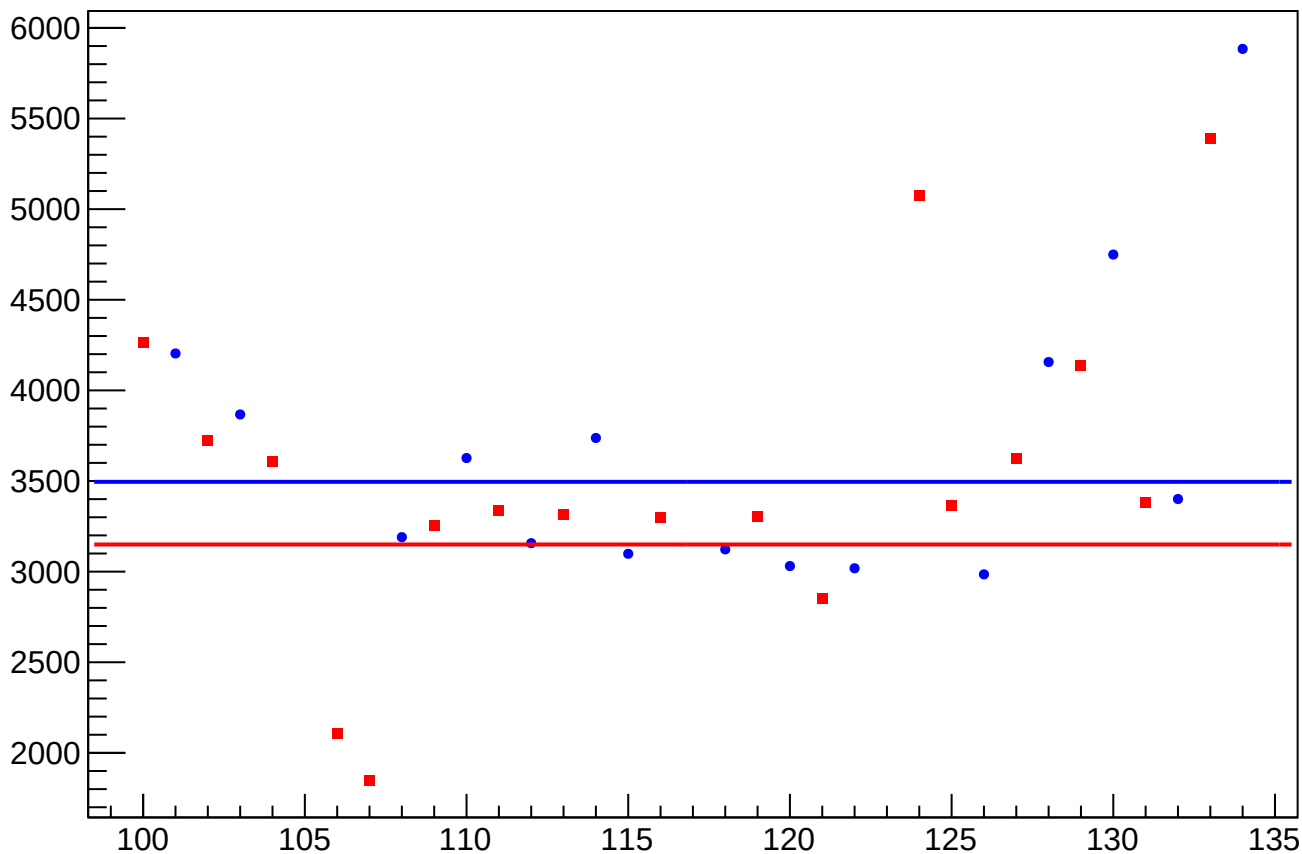
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 85.400 ± 934.878 χ^2/NDF : 28.1/31

- sign 0.000 ± 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: 3149.762 $\pm$ 0.882 χ^2 /NDF: 741142.7/16

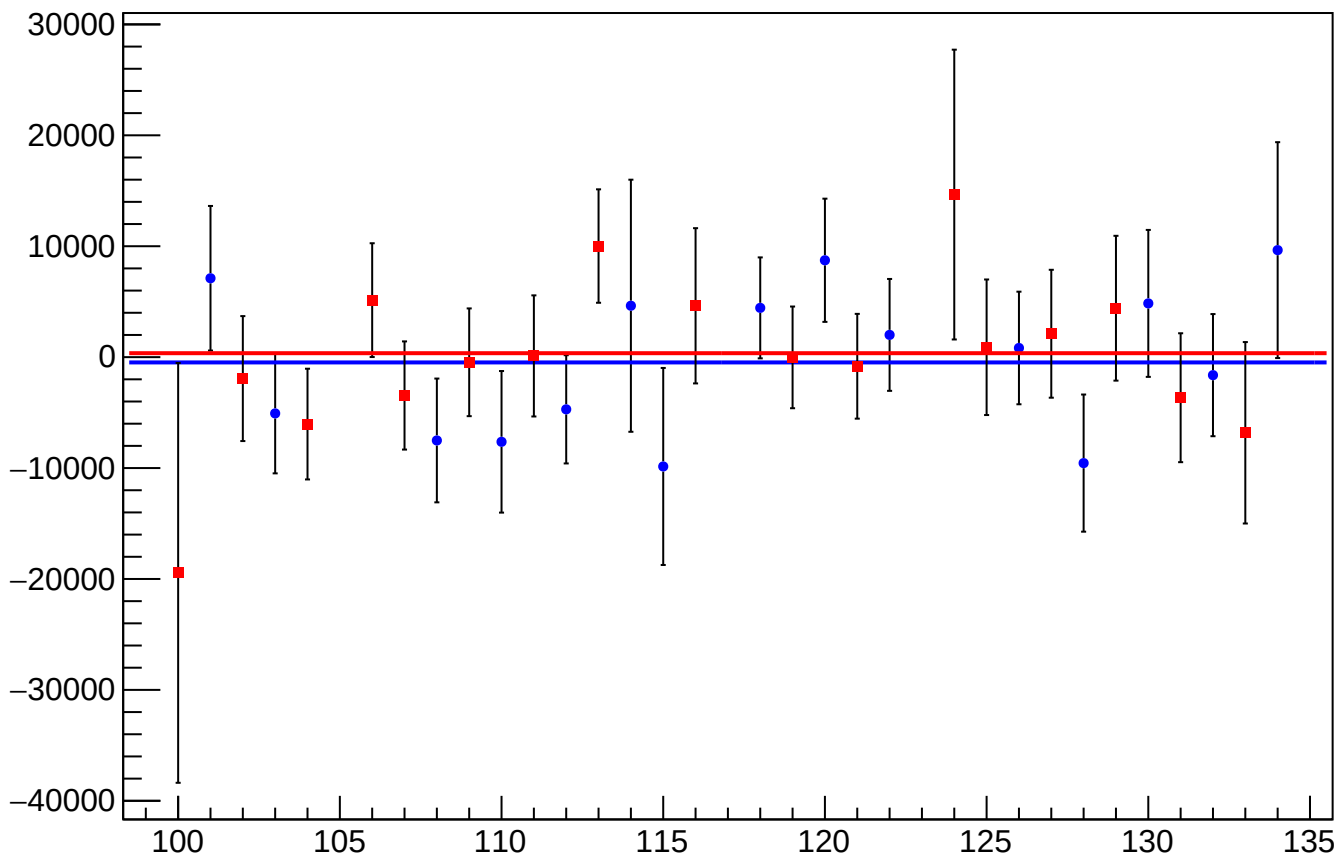
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3301.182 $\pm$ 0.661 χ^2 /NDF: 1180375.0/31

- 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: 356.476+/-1397.238 χ^2/NDF : 11.4/16

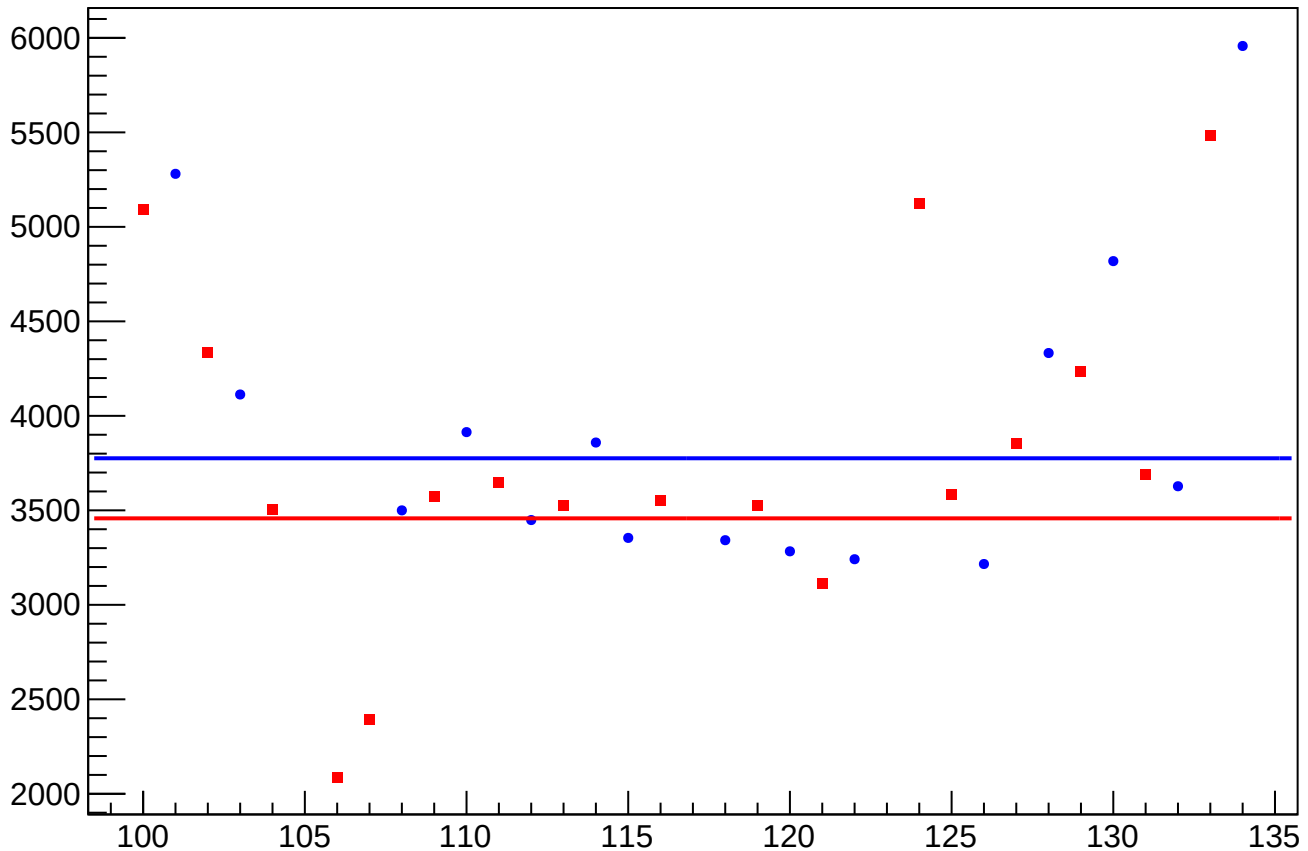
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.889+/-1031.208 χ^2/NDF : 26.7/31

- 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

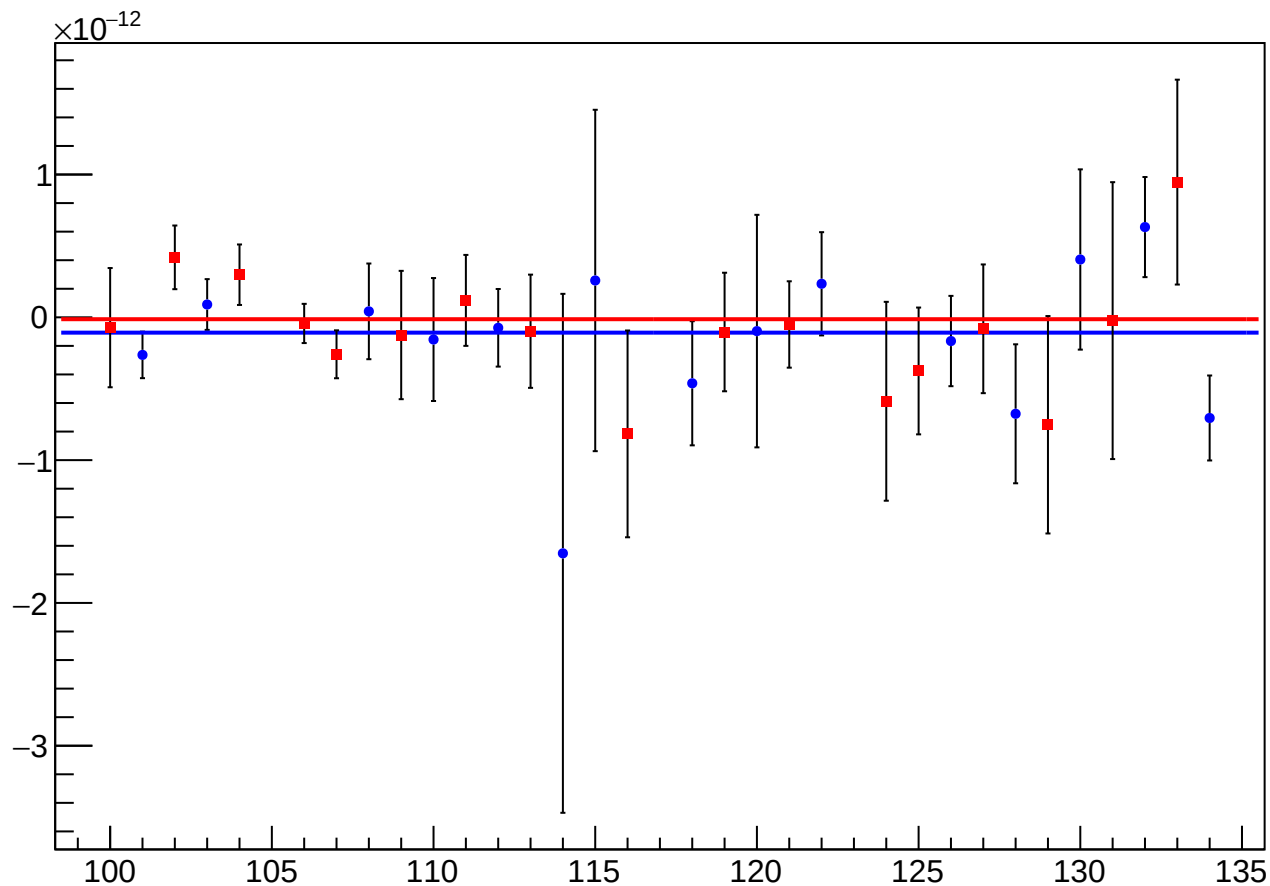
Right Out: 3457.587+/-0.973 χ^2/NDF : 572805.3/16

All: 3599.969+/-0.723 χ^2/NDF : 1002838.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_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 : 13.8/16

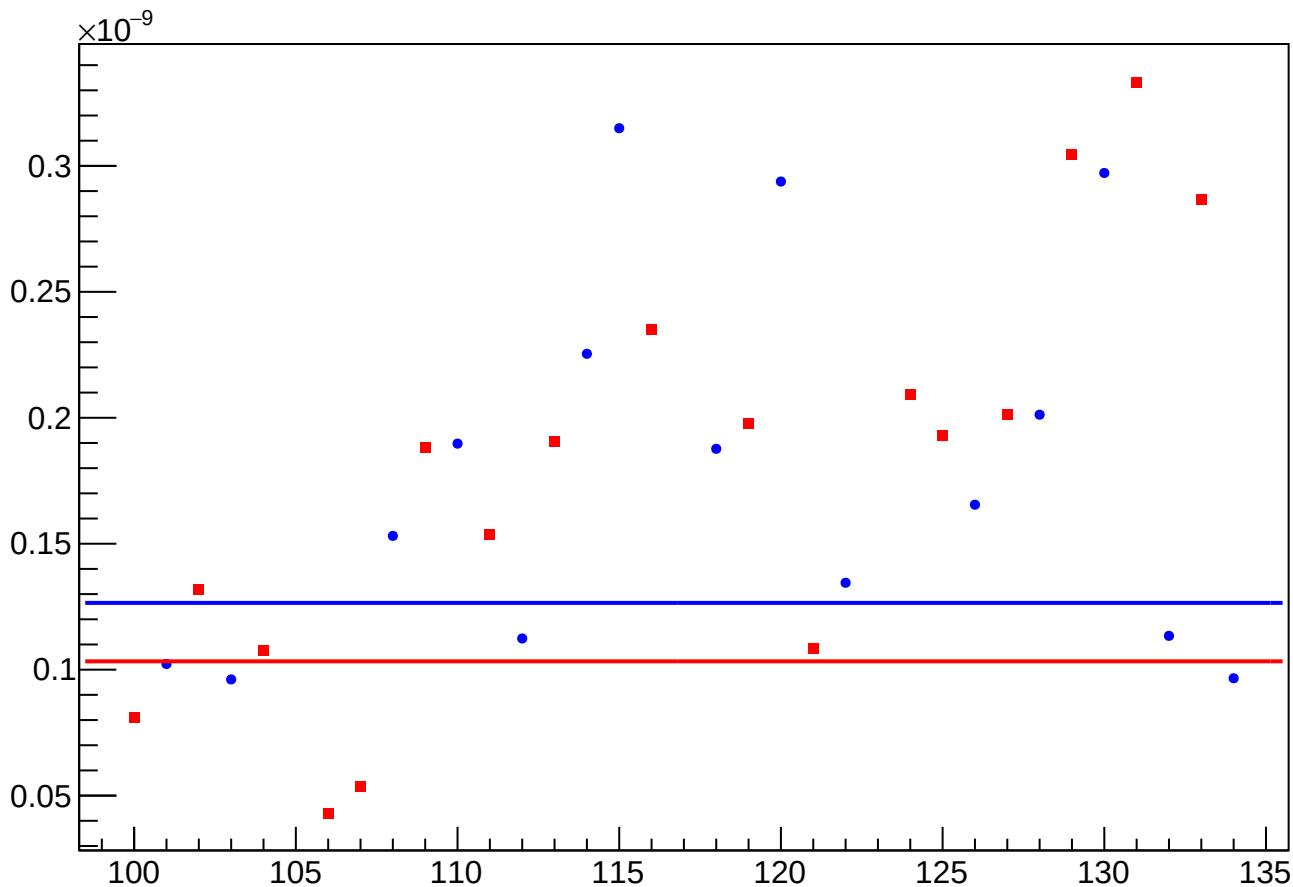
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 29.9/31

- 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 $\pm$ 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: 1596591.4/16

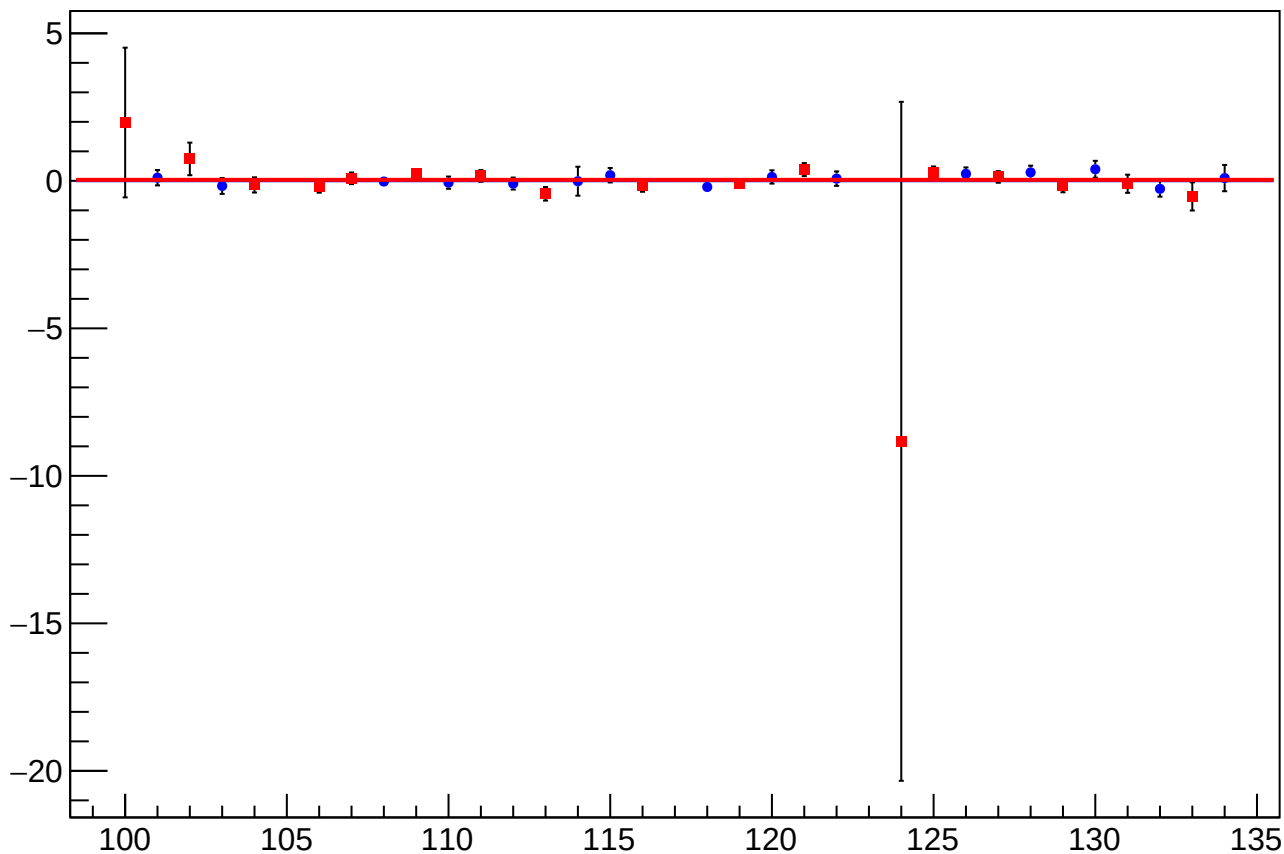
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2278499.3/31

- sign 0.000 $\pm$ 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+/-0.060 χ^2/NDF : 9.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.034+/-0.056 χ^2/NDF : 19.6/16

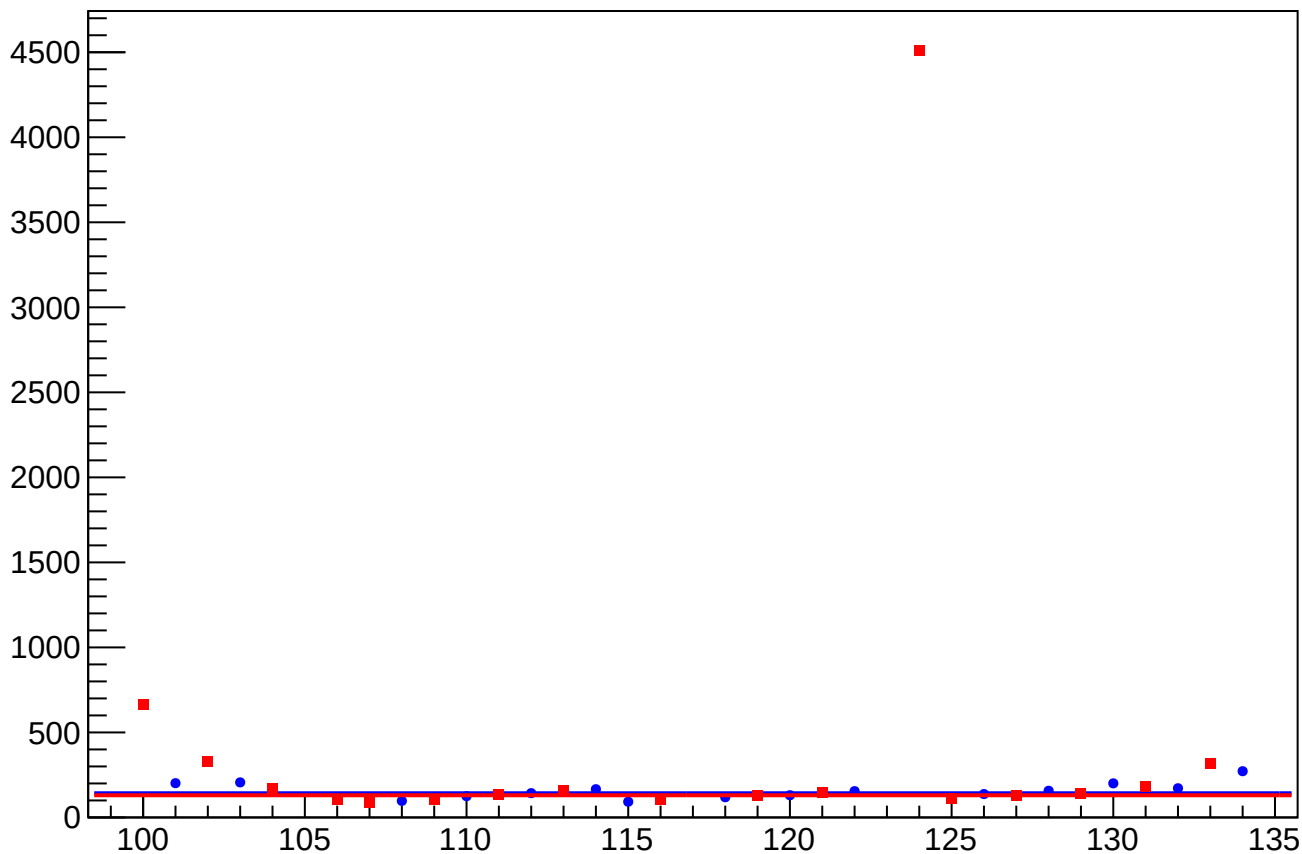
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.041 χ^2/NDF : 28.8/31

- sign 0.000+/-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 $\pm$ 0.042 χ^2 /NDF: 810347.9/14

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

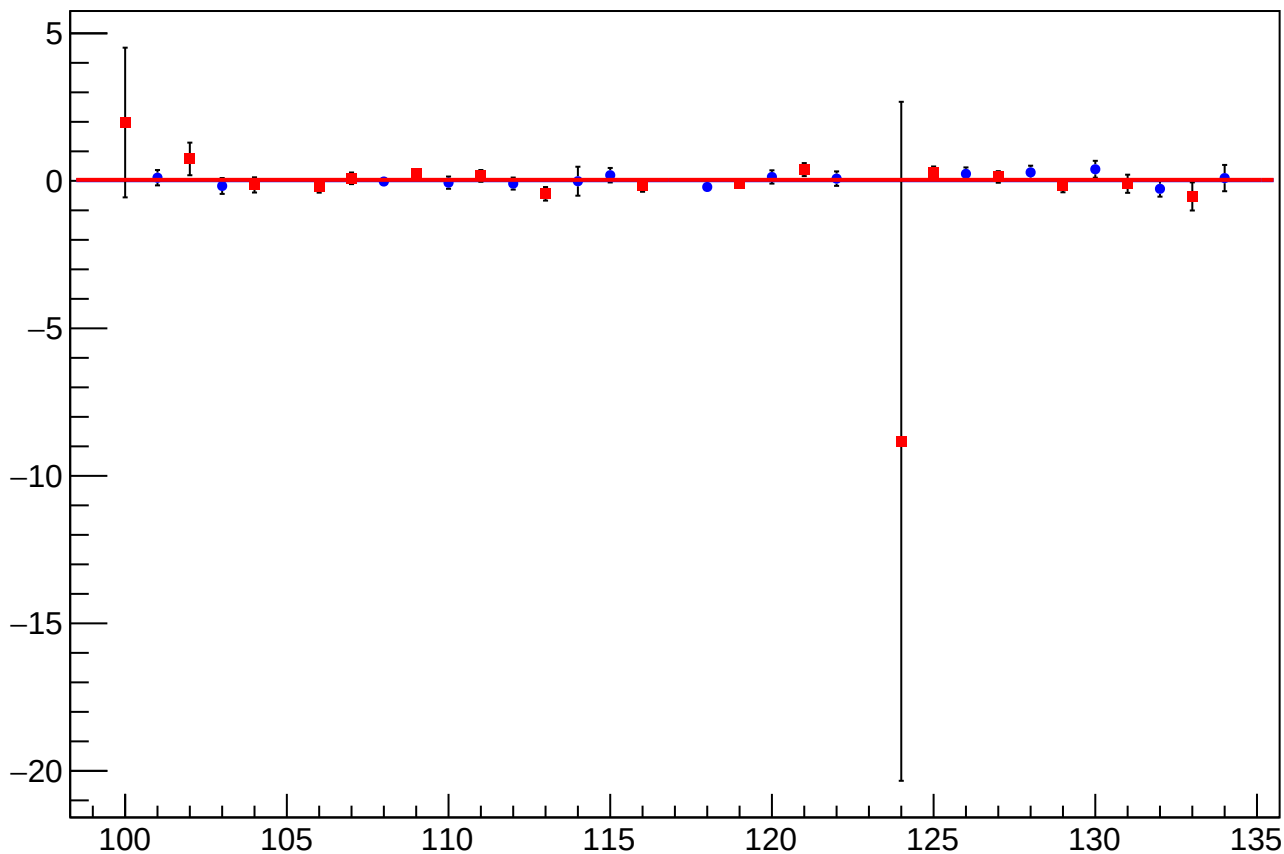
Right Out: 130.506 $\pm$ 0.039 χ^2 /NDF: 1302037.0/16

All: 135.993 $\pm$ 0.029 χ^2 /NDF: 2153902.1/31

- 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_at1_avg_at2_avg_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: 0.034+/-0.056 χ^2/NDF : 19.6/16

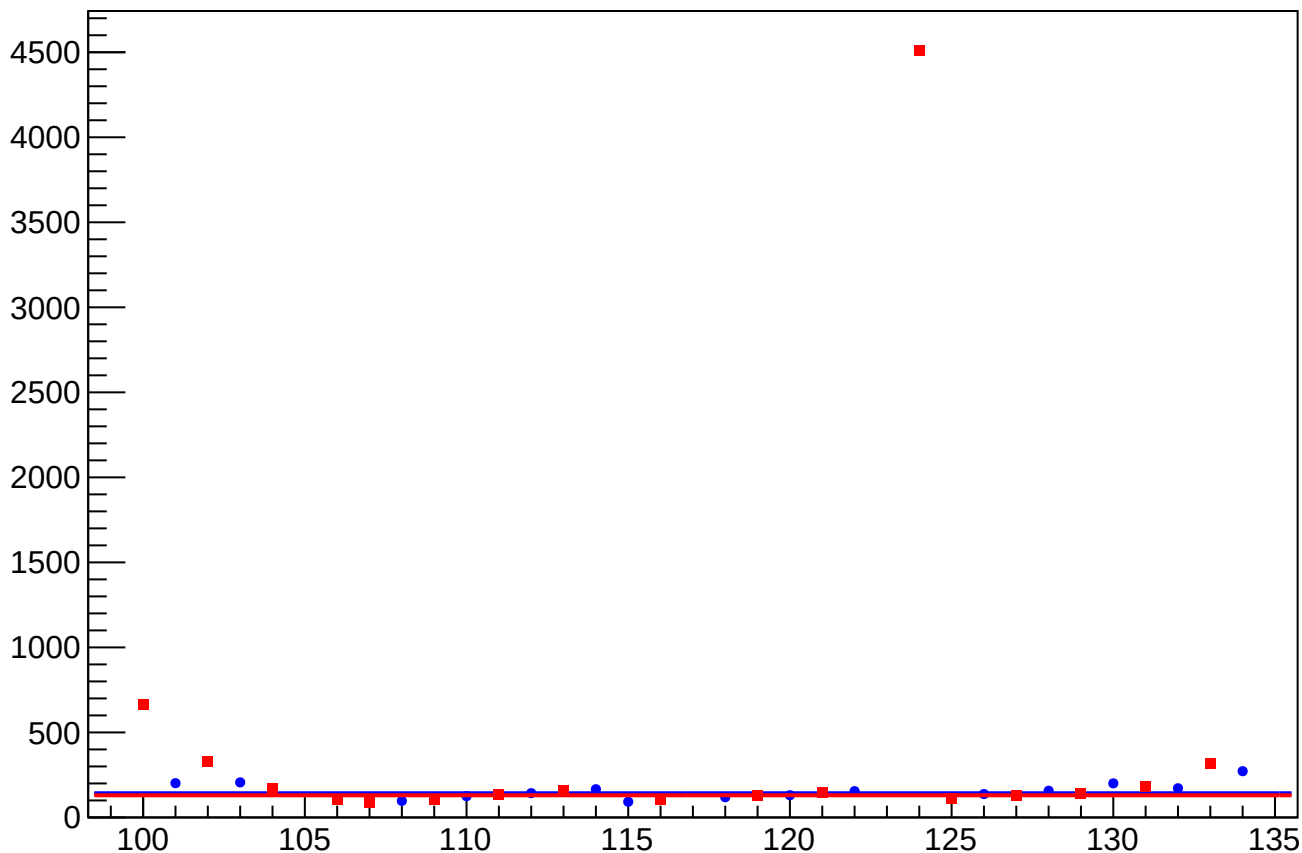
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.041 χ^2/NDF : 28.8/31

- sign 0.000+/-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: 130.506+/-0.039 χ^2/NDF : 1302037.0/16

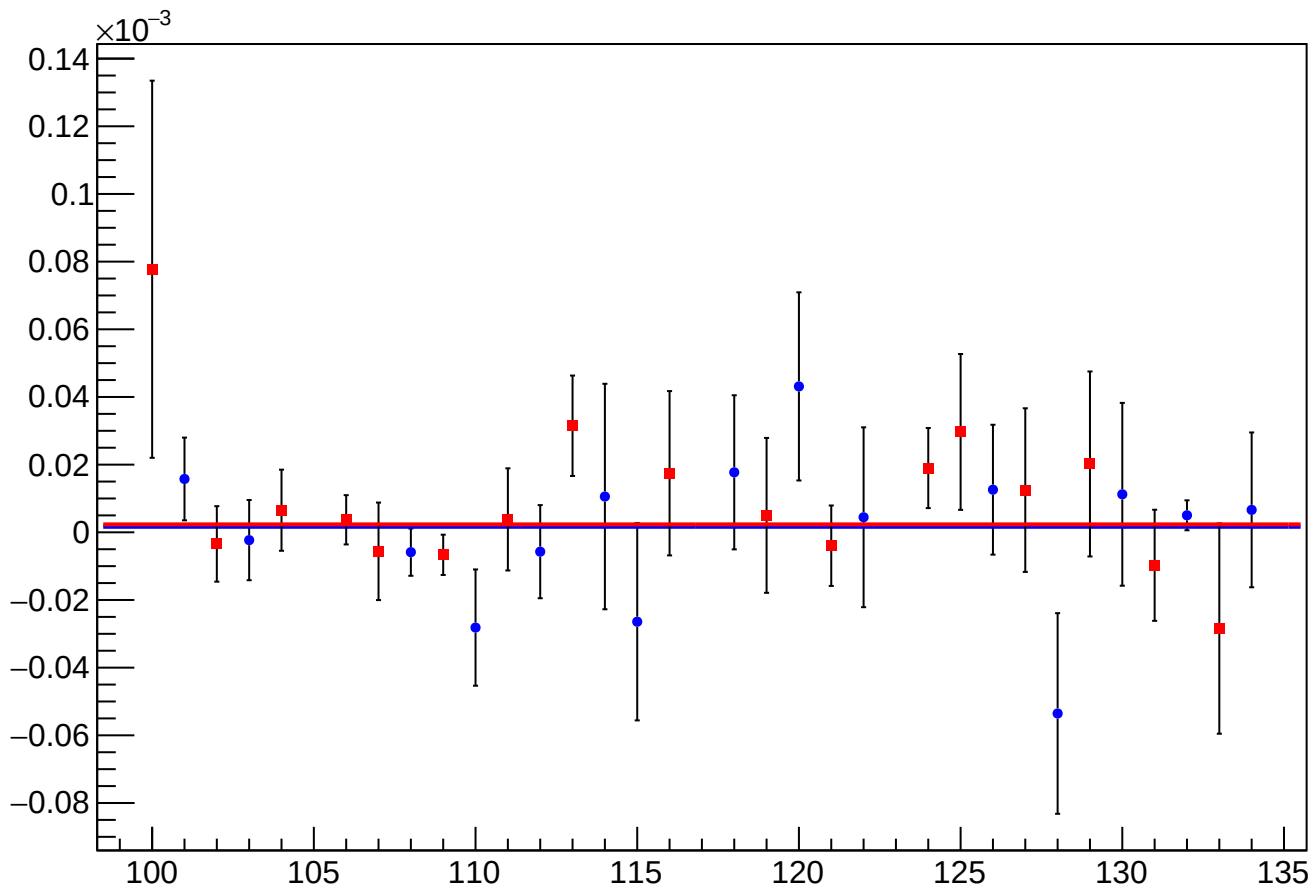
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.993+/-0.029 χ^2/NDF : 2153902.1/31

- 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: 14.9/16

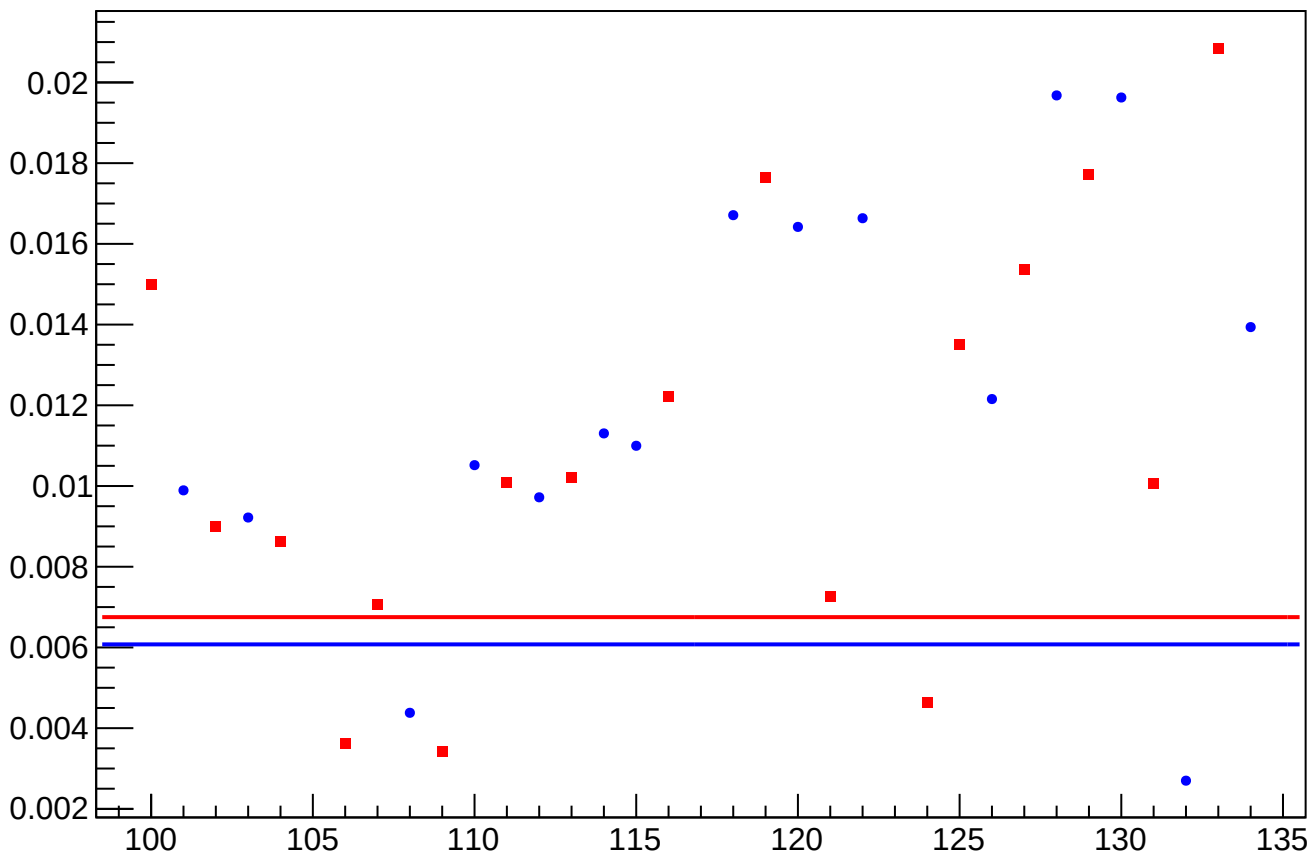
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 29.1/31

- 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 : 3236557.9/16

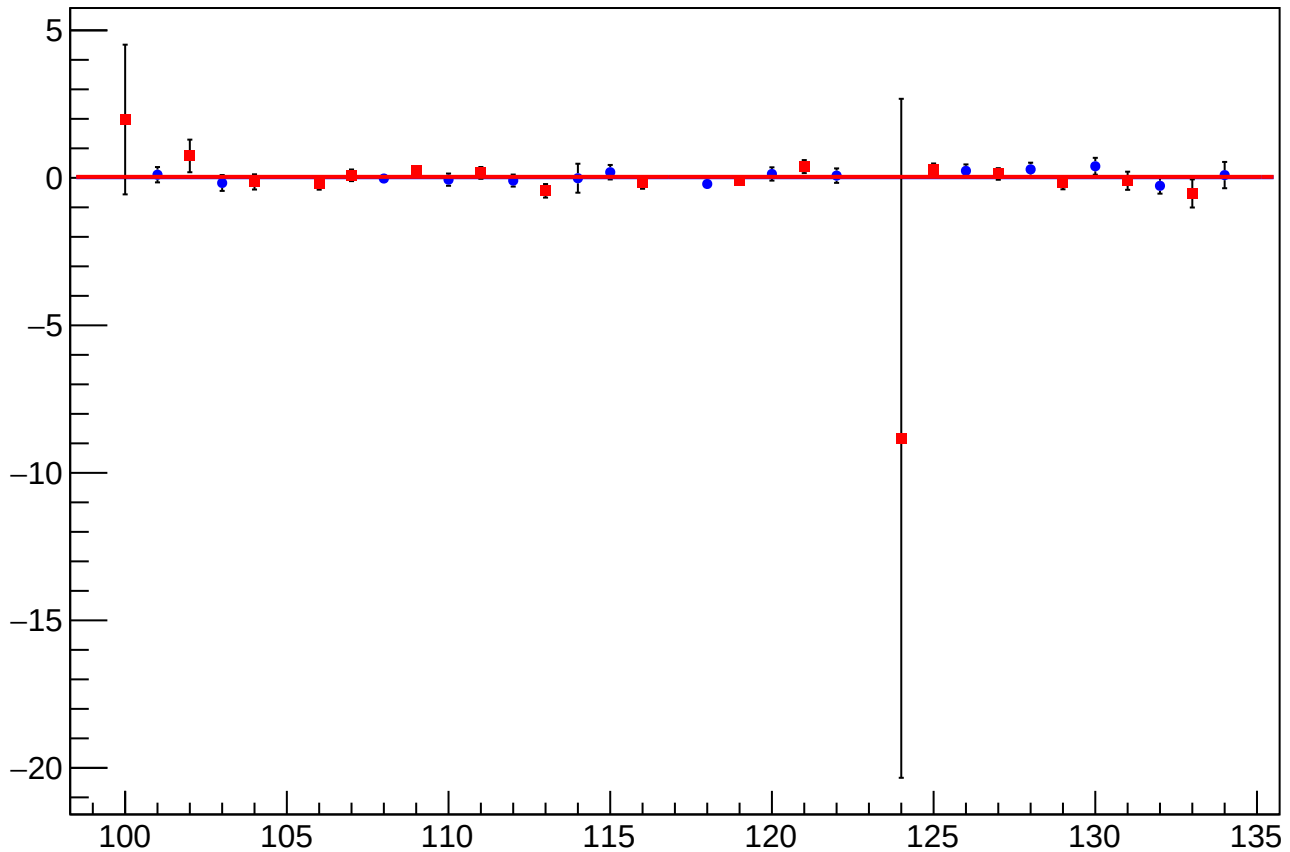
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 7671629.5/31

- 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+/-0.060 χ^2/NDF : 9.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.034+/-0.056 χ^2/NDF : 19.6/16

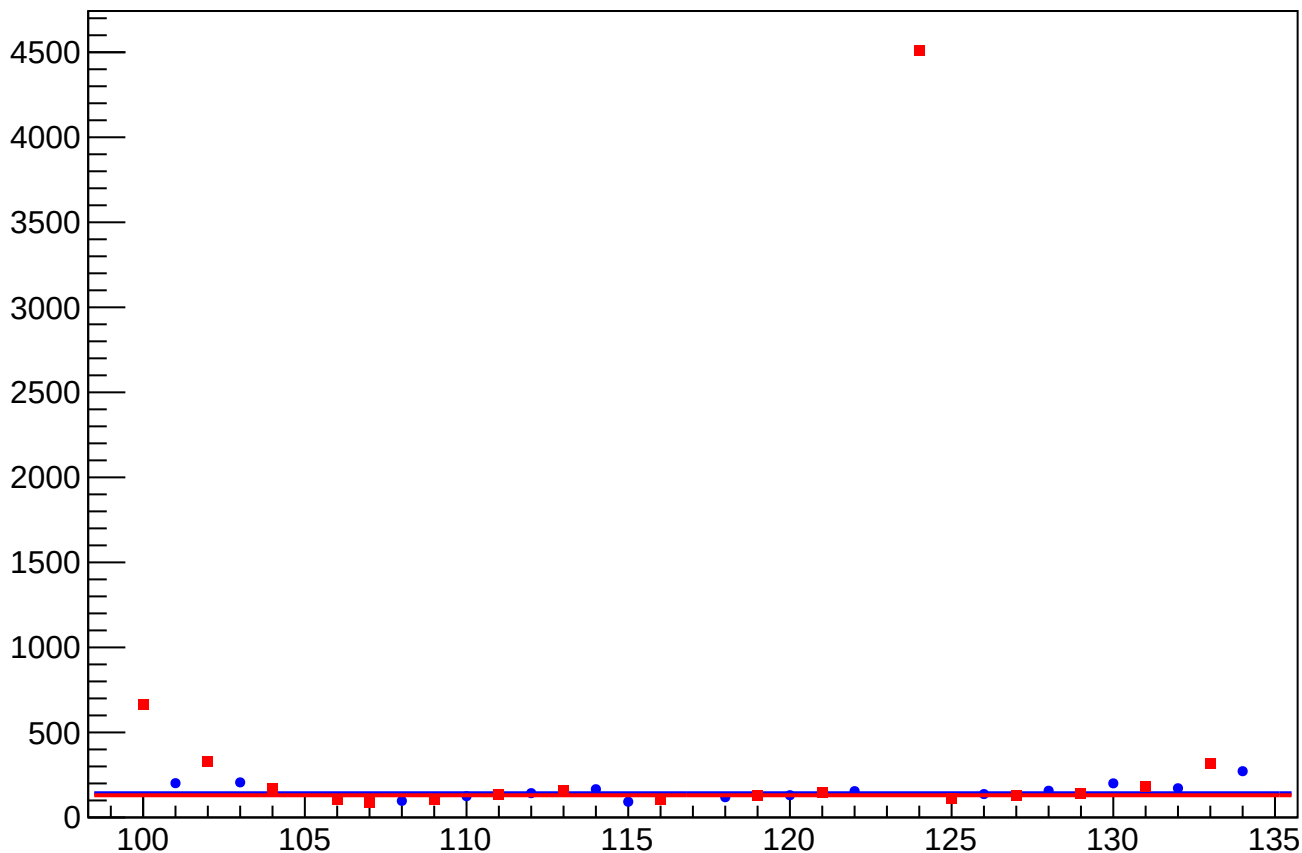
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.041 χ^2/NDF : 28.8/31

- sign 0.000+/-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

Right Out: 130.507+/-0.039 χ^2/NDF : 1301957.4/16

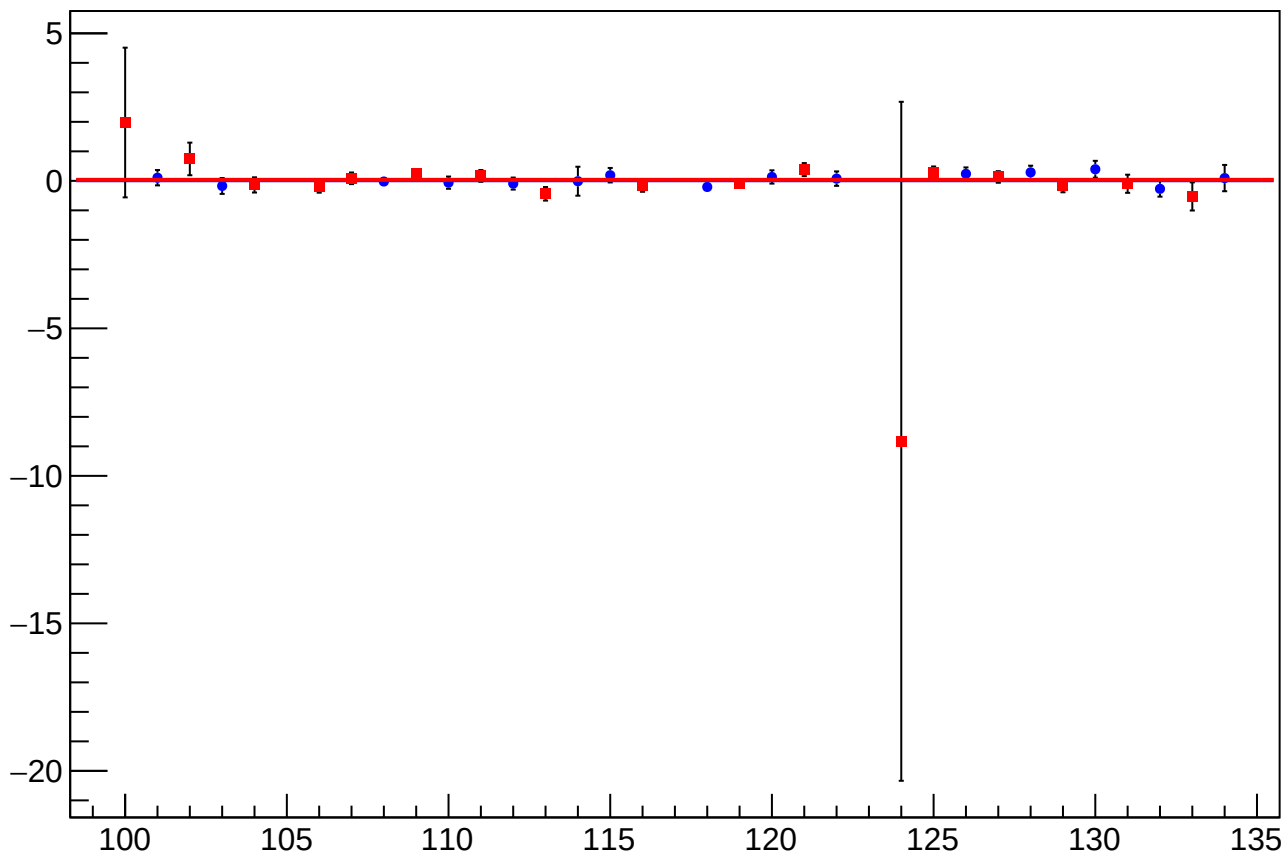
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.994+/-0.029 χ^2/NDF : 2153742.3/31

- sign 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+/-0.060 χ^2/NDF : 9.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.034+/-0.056 χ^2/NDF : 19.6/16

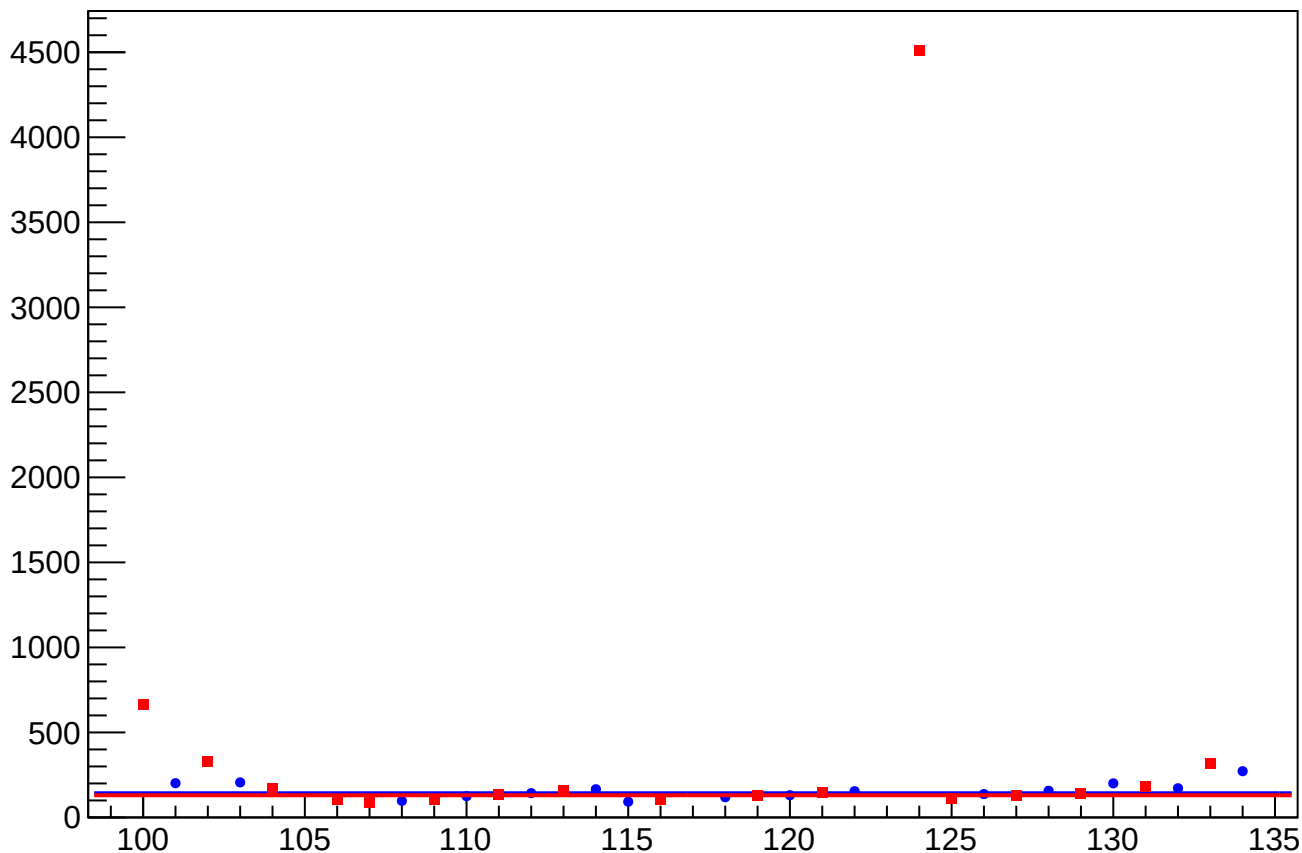
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.041 χ^2/NDF : 28.8/31

- sign 0.000+/-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

Right Out: 130.507+/-0.039 χ^2/NDF : 1301957.4/16

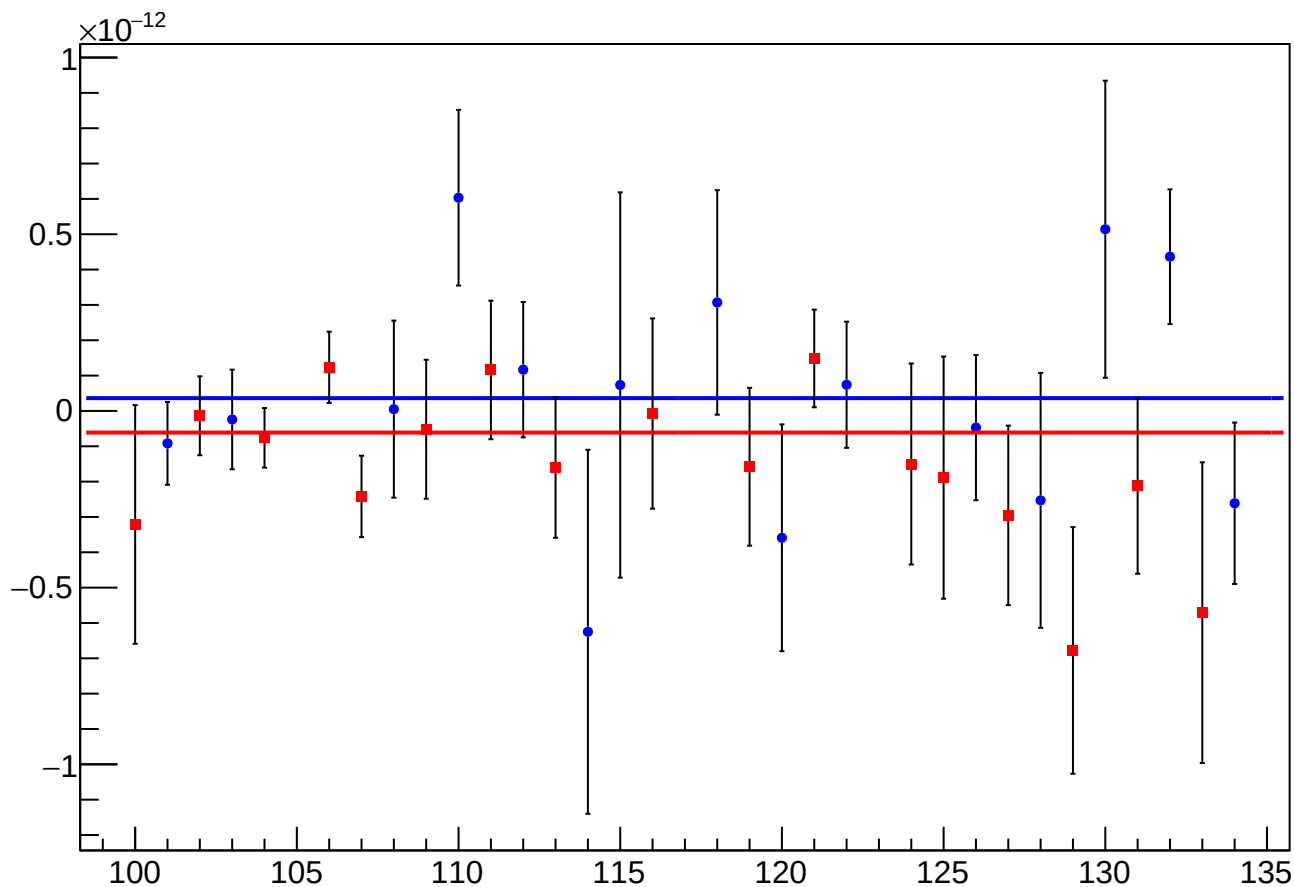
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.994+/-0.029 χ^2/NDF : 2153742.3/31

- sign 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+/-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 : 16.2/16

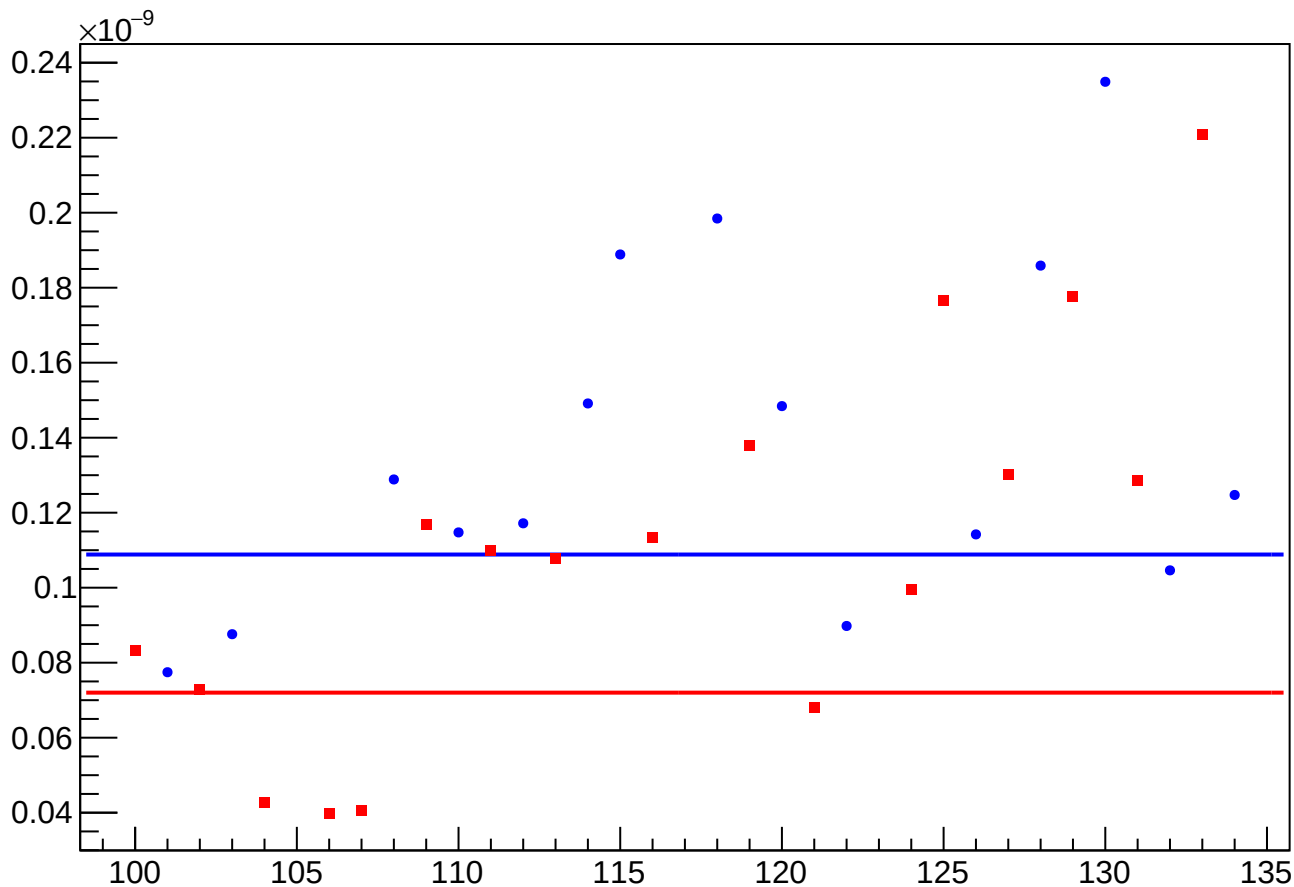
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 37.2/31

- sign 0.000+/-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: 1902273.2/16

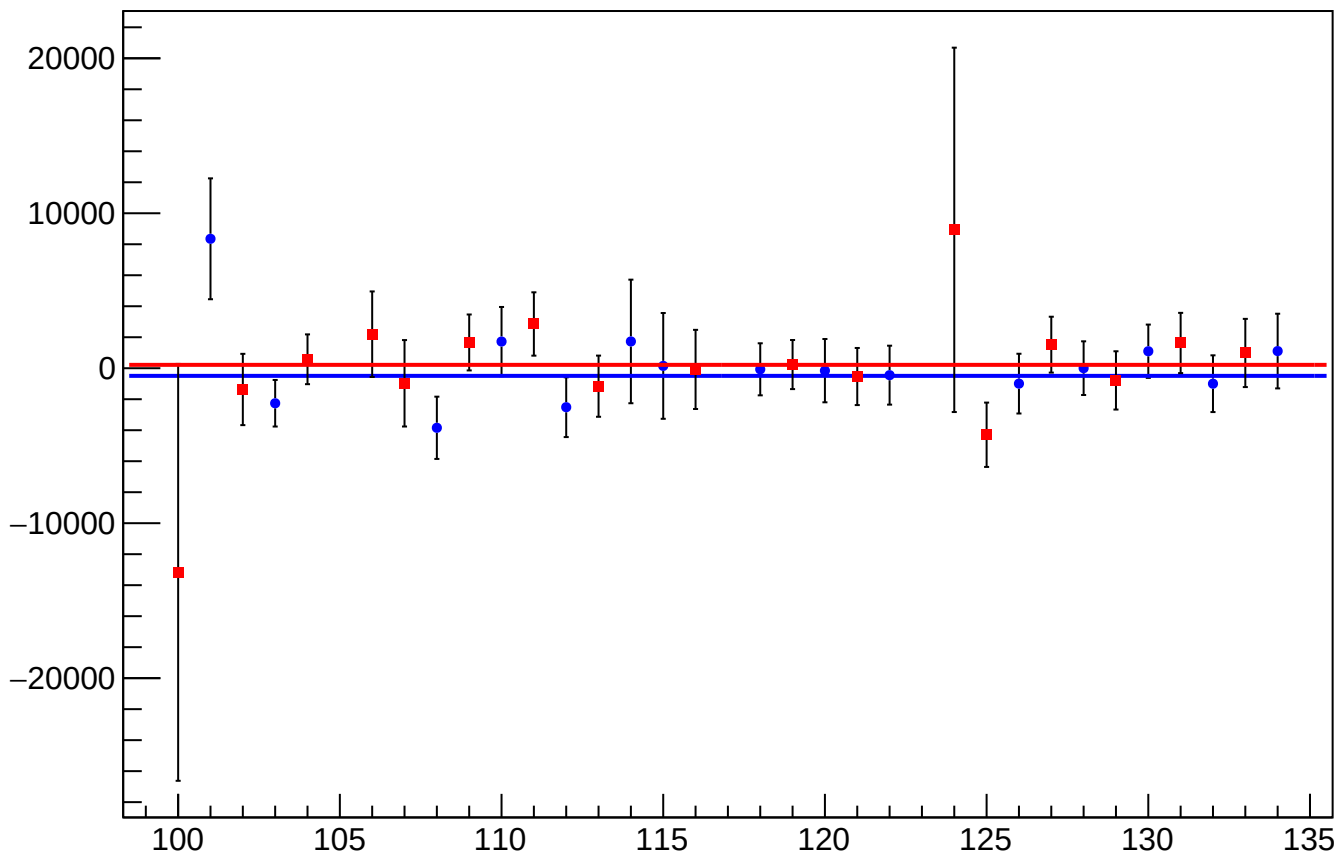
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3242034.0/31

- 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: 217.420+/-513.494 χ^2/NDF : 11.9/16

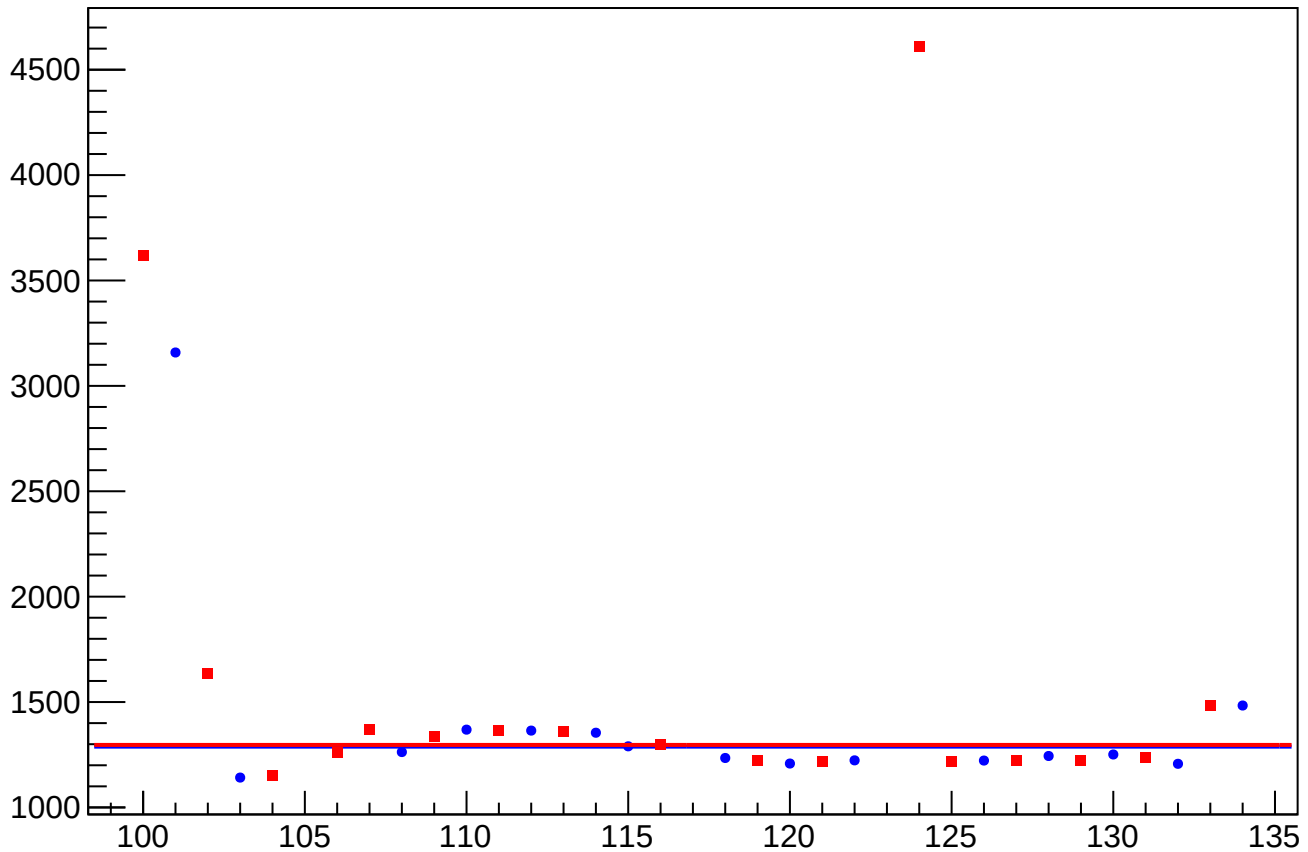
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -131.266+/-366.375 χ^2/NDF : 26.2/31

- 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+/-0.370 χ^2/NDF : 514622.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1296.555+/-0.362 χ^2/NDF : 318960.1/16

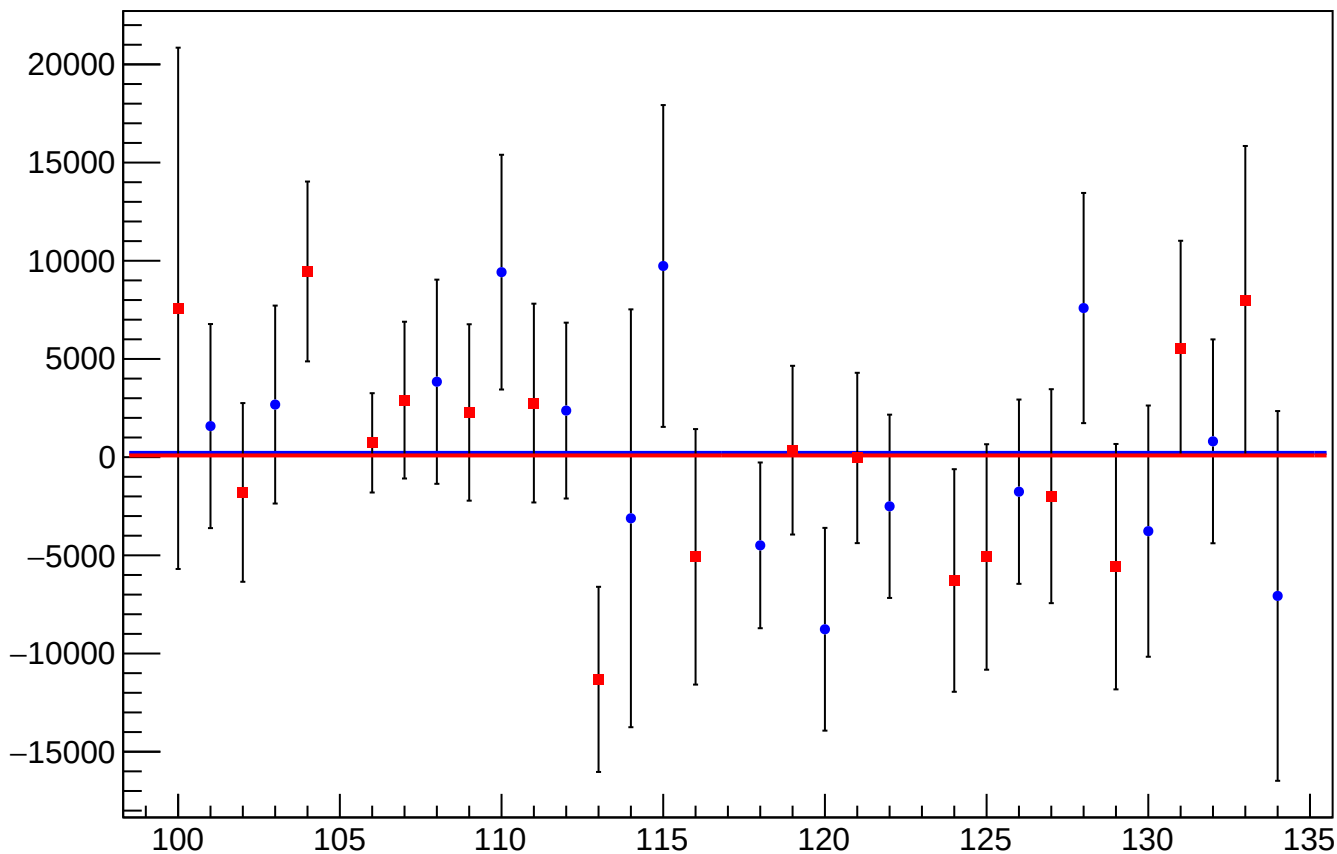
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1292.620+/-0.259 χ^2/NDF : 833824.4/31

- sign 0.000+/-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: 86.795 $\pm$ 1150.348 χ^2 /NDF: 17.3/16

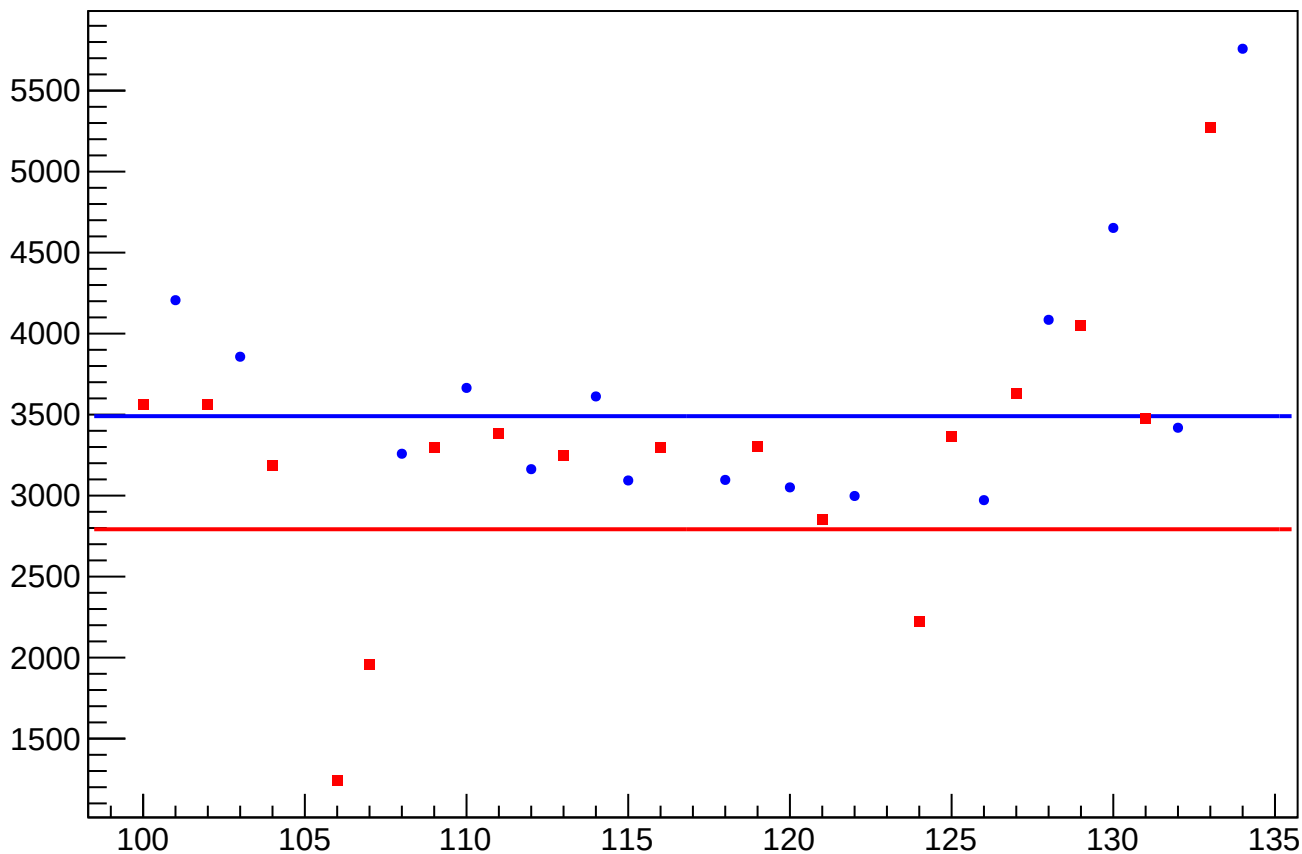
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 138.595 $\pm$ 891.696 χ^2 /NDF: 29.5/31

- 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

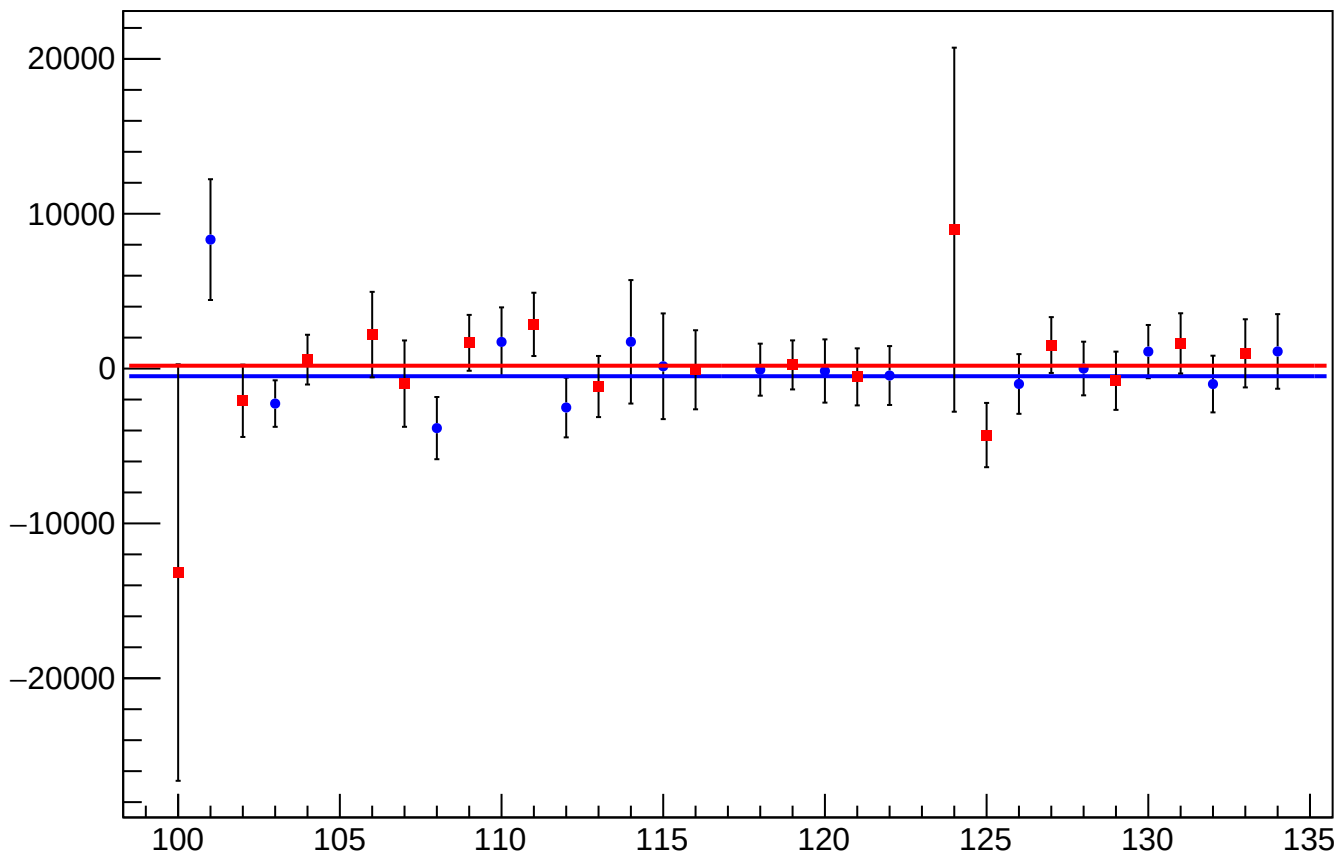
Right Out: 2792.290+/-0.813 χ^2/NDF : 1429809.5/16

All: 3070.942+/-0.631 χ^2/NDF : 2075360.9/31

- 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_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: 185.468+/-513.871 χ^2/NDF : 12.4/16

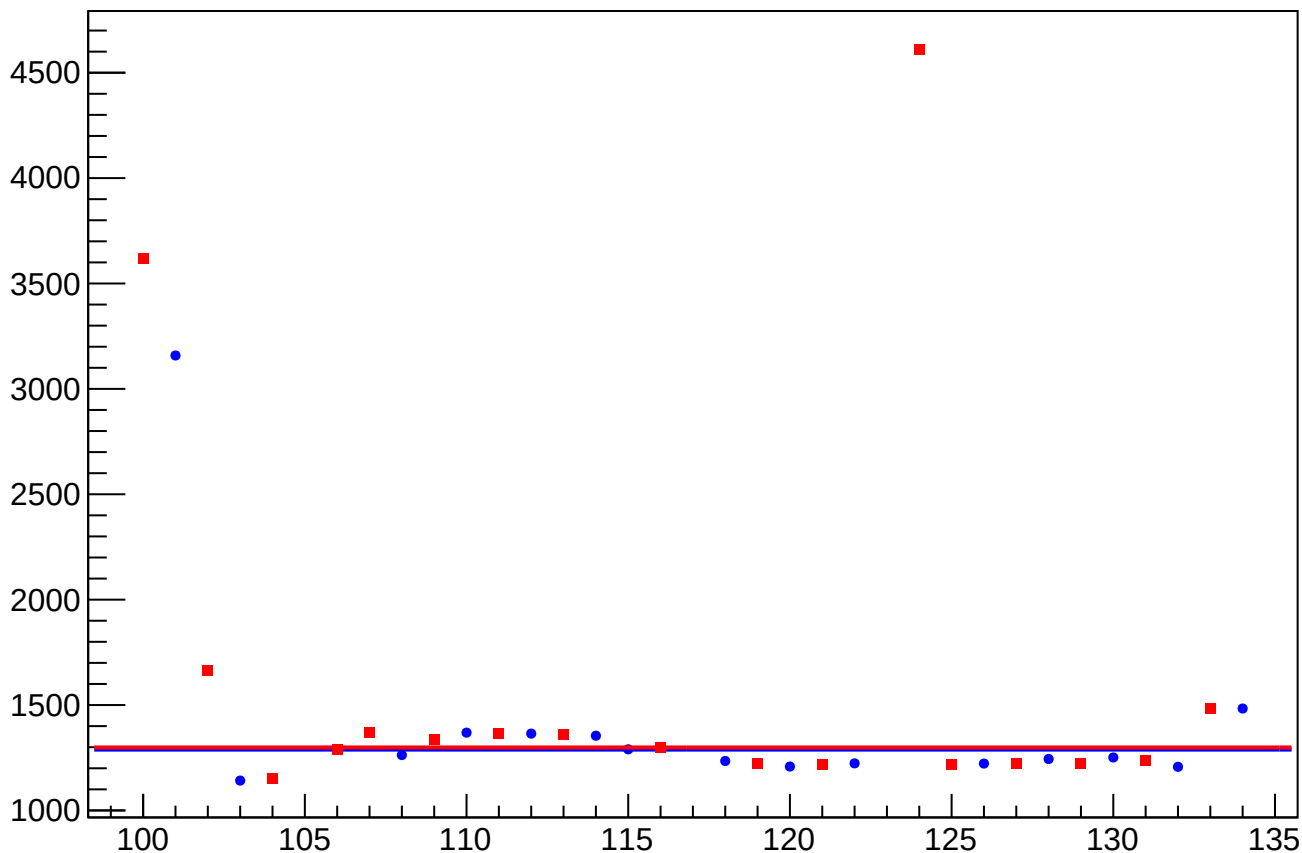
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -148.004+/-366.512 χ^2/NDF : 26.6/31

- sign 0.000+/-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: 1298.796 $\pm$ 0.363 χ^2 /NDF: 325561.1/16

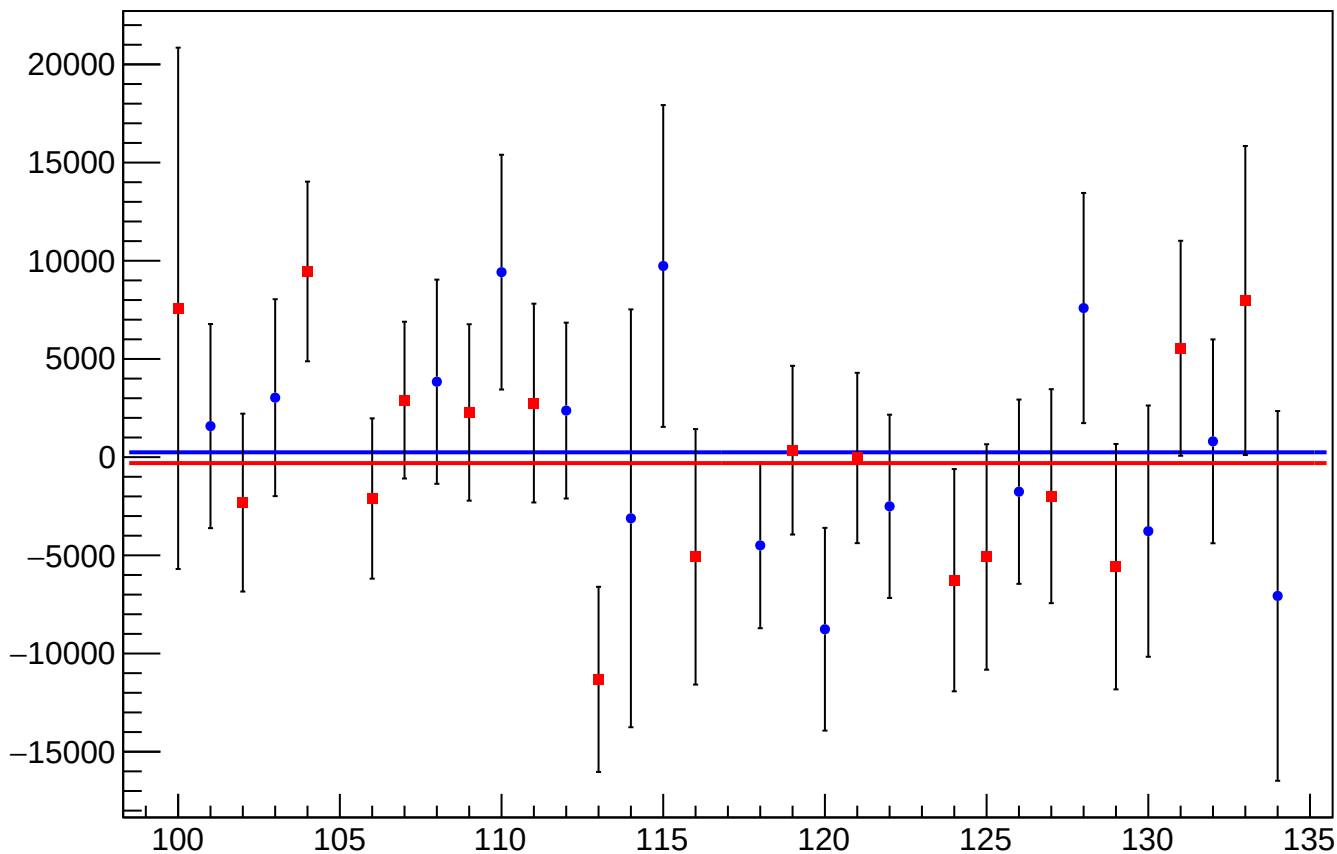
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1293.756 $\pm$ 0.259 χ^2 /NDF: 840579.5/31

- 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+/-1410.868 χ^2/NDF : 12.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -302.867+/-1230.941 χ^2/NDF : 17.5/16

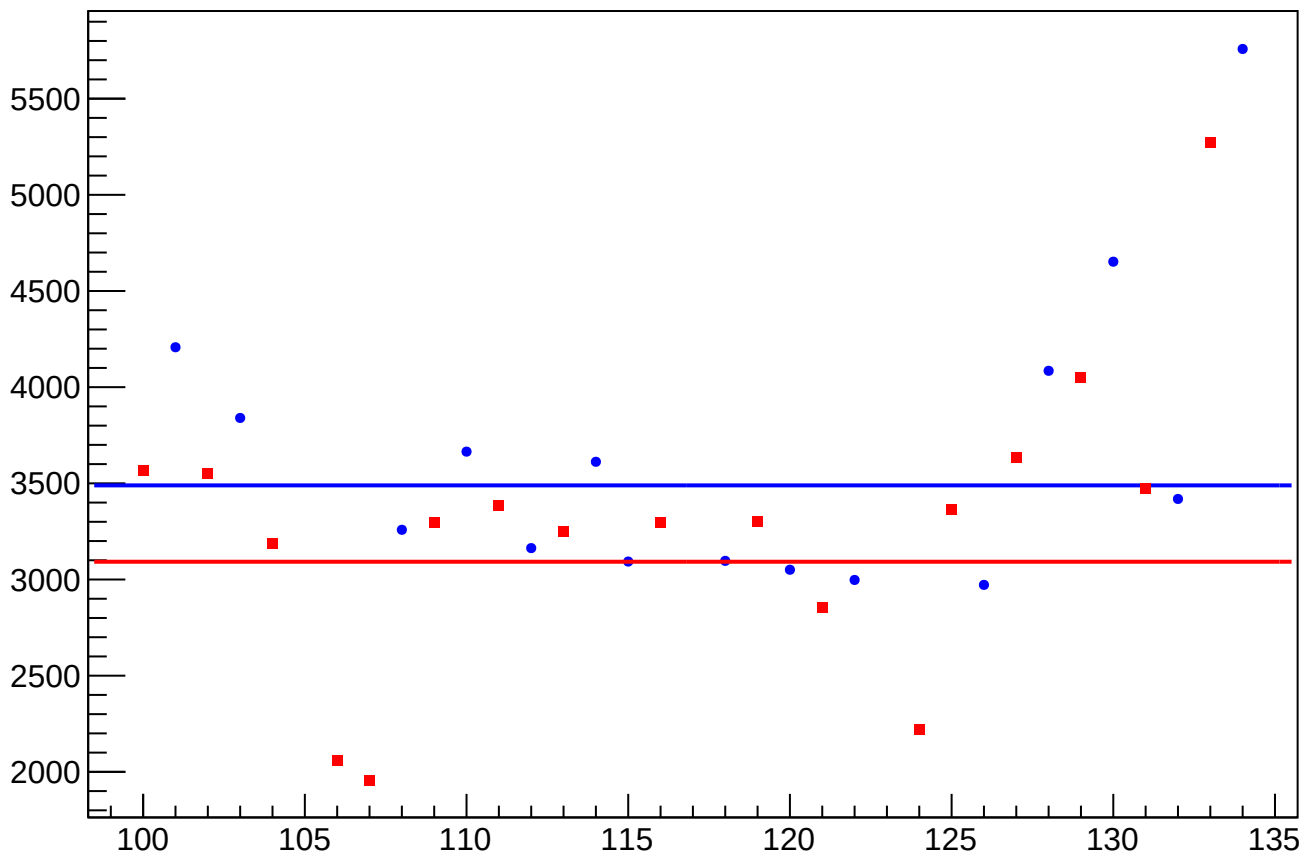
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.552+/-927.539 χ^2/NDF : 29.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_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

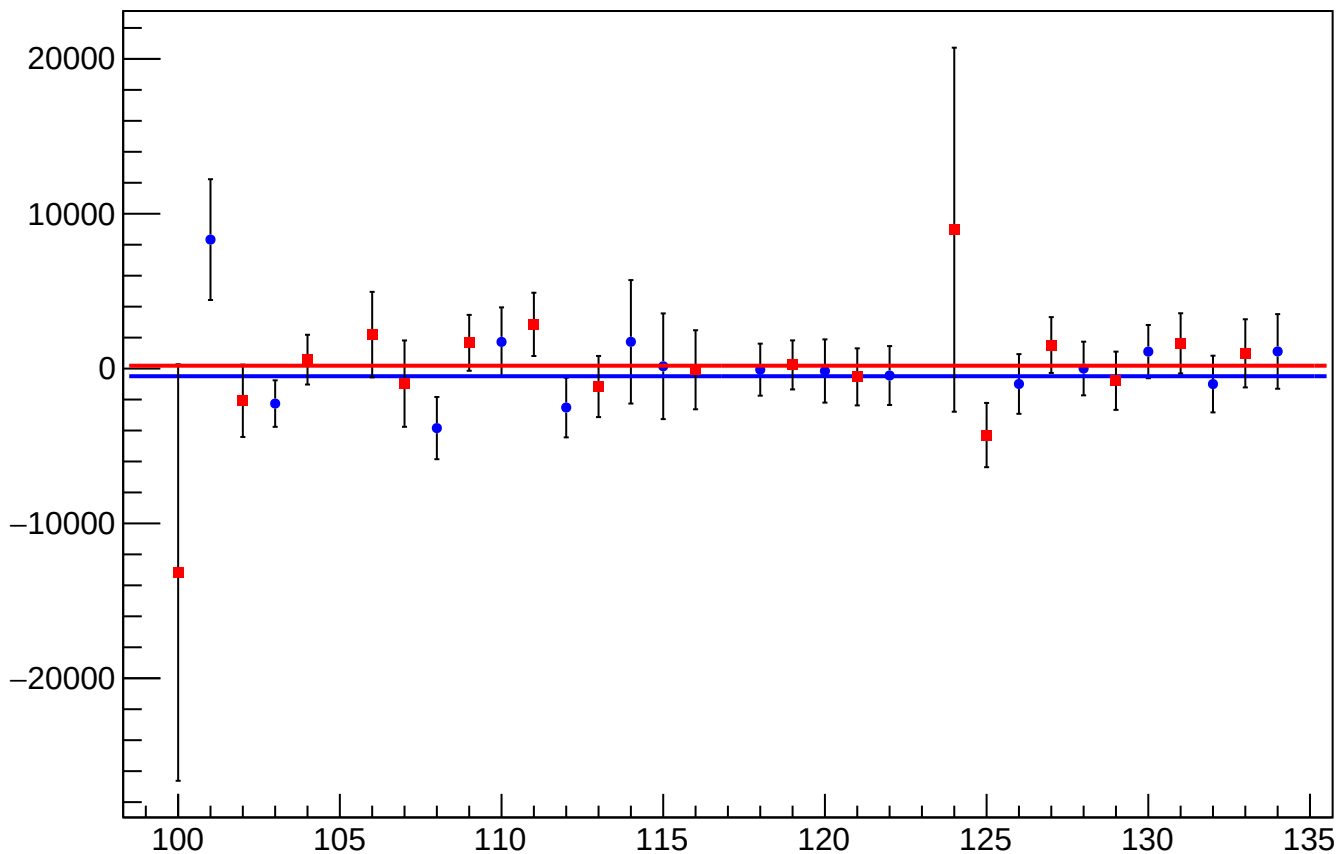
Right Out: 3092.446+/-0.870 χ^2/NDF : 621572.7/16

All: 3264.013+/-0.656 χ^2/NDF : 1062225.4/31

- 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_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: 185.468 ± 513.871 χ^2/NDF : 12.4/16

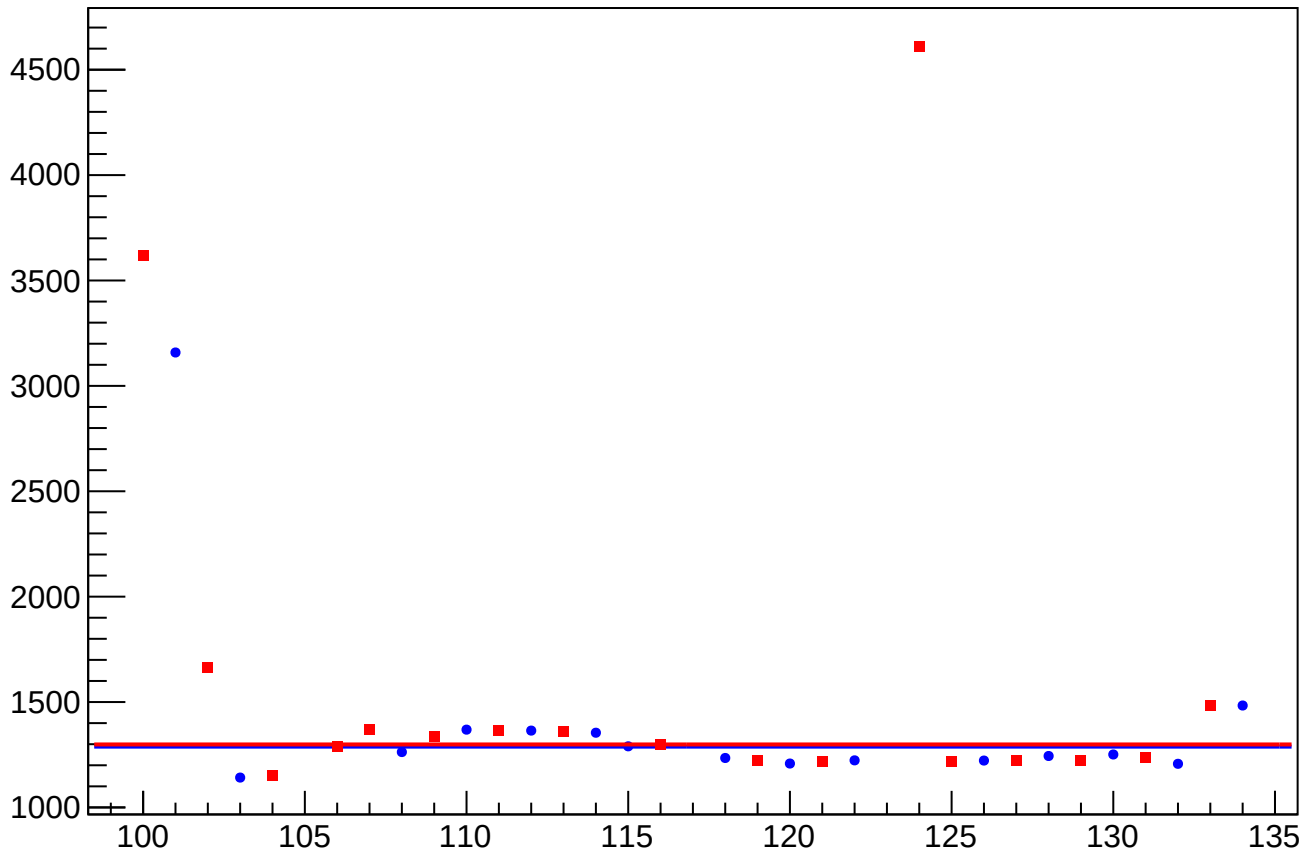
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -148.004 ± 366.512 χ^2/NDF : 26.6/31

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

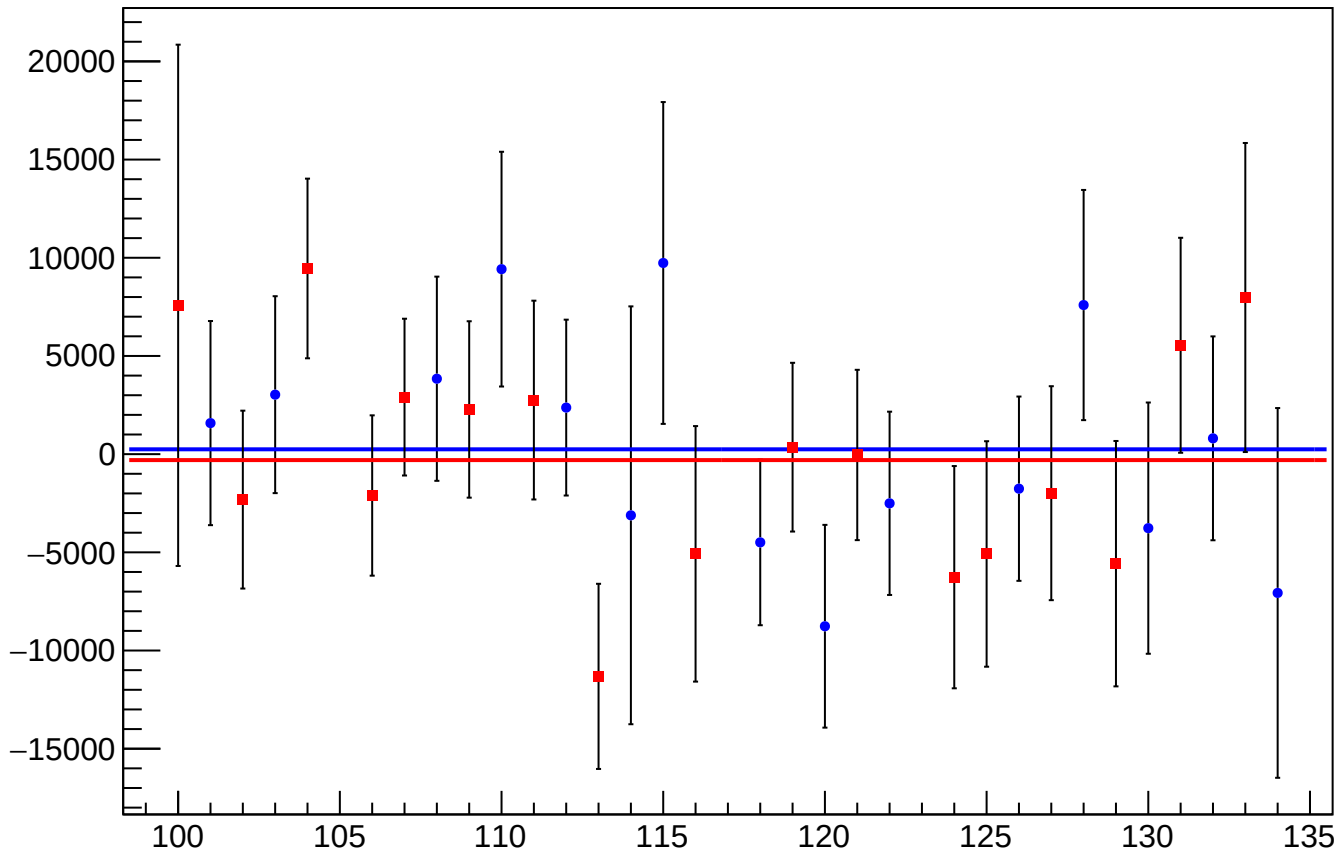
Right Out: 1298.796+/-0.363 χ^2/NDF : 325561.1/16

All: 1293.756+/-0.259 χ^2/NDF : 840579.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_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: -302.867+/-1230.941 χ^2/NDF : 17.5/16

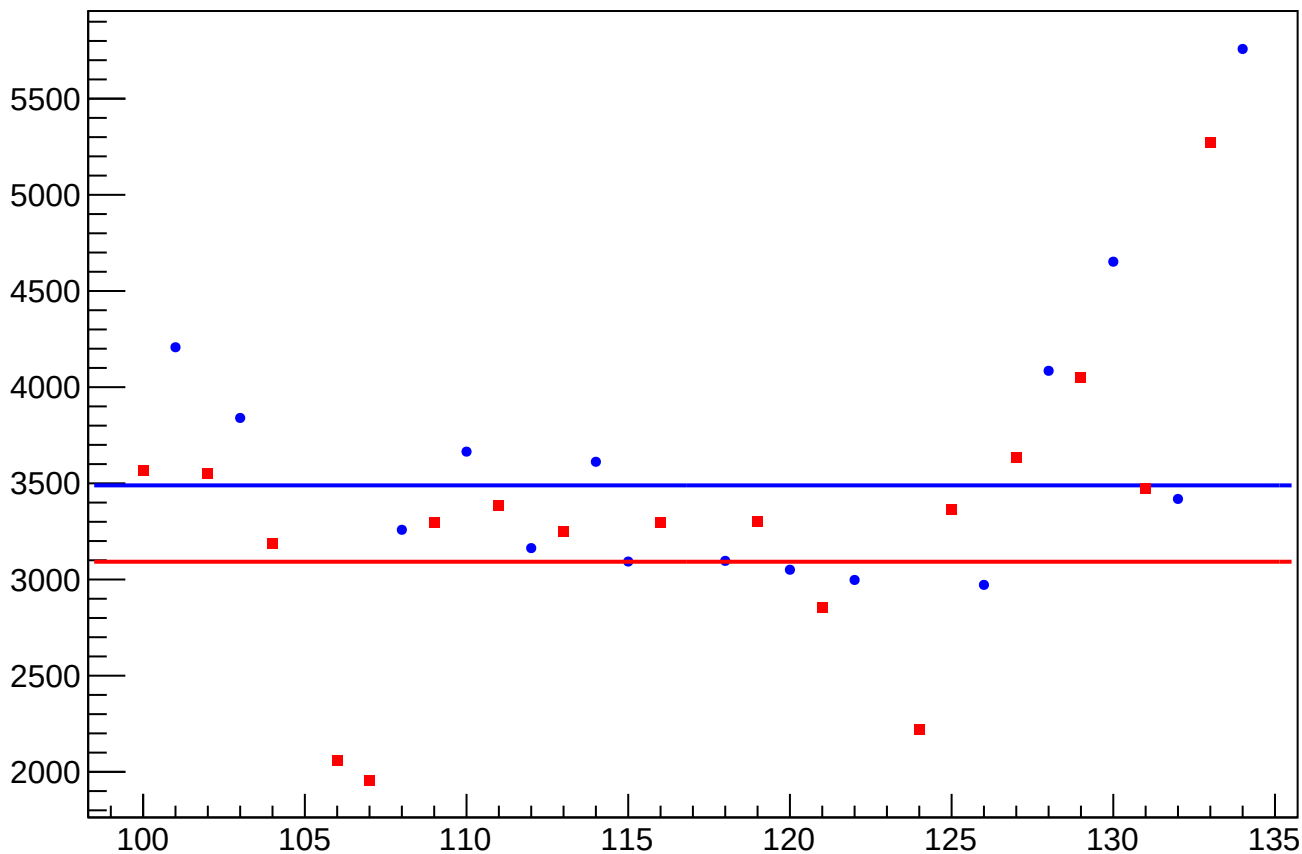
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.552+/-927.539 χ^2/NDF : 29.9/31

- sign 0.000+/-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

Right Out: 3092.446+/-0.870 χ^2/NDF : 621572.7/16

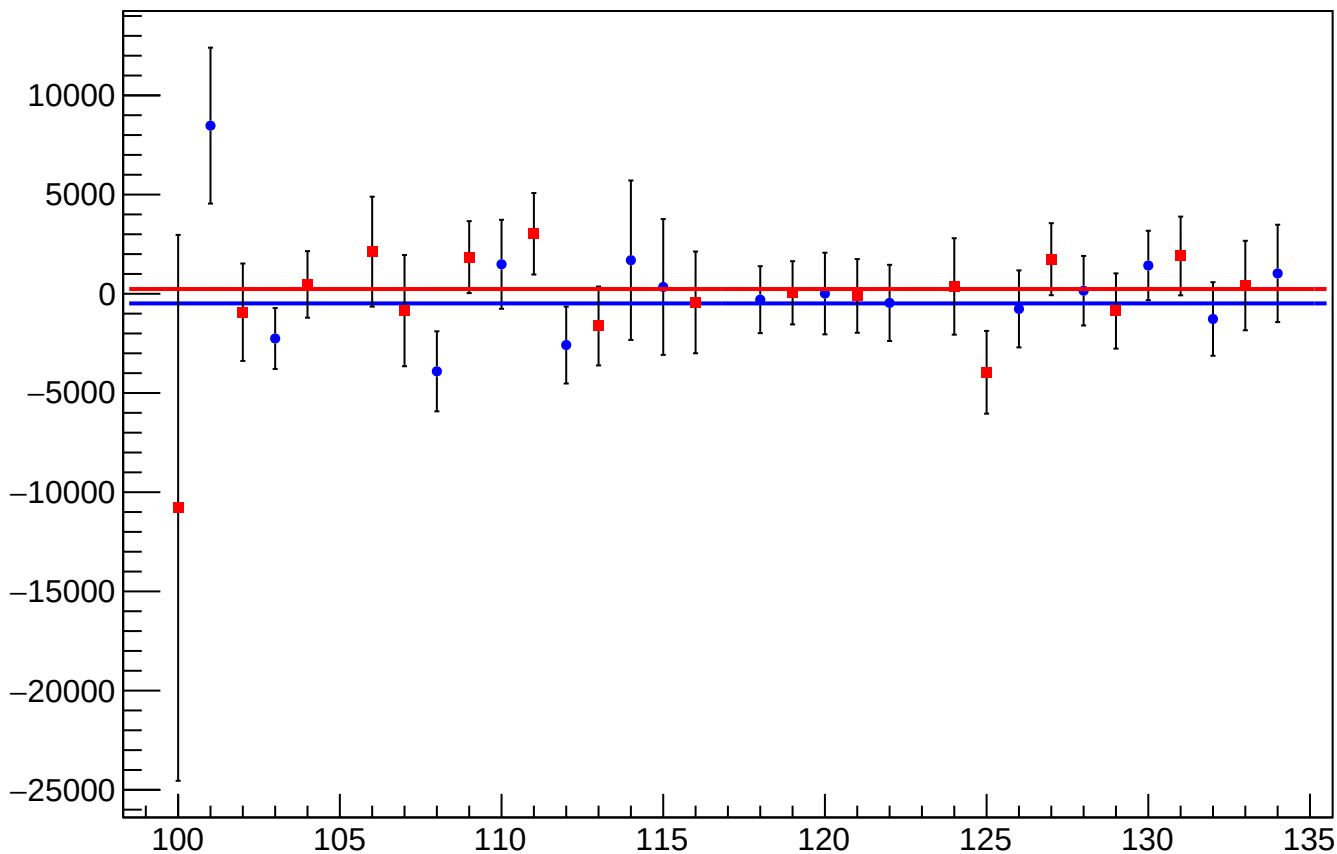
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3264.013+/-0.656 χ^2/NDF : 1062225.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_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: 240.257+/-509.871 χ^2/NDF : 10.9/16

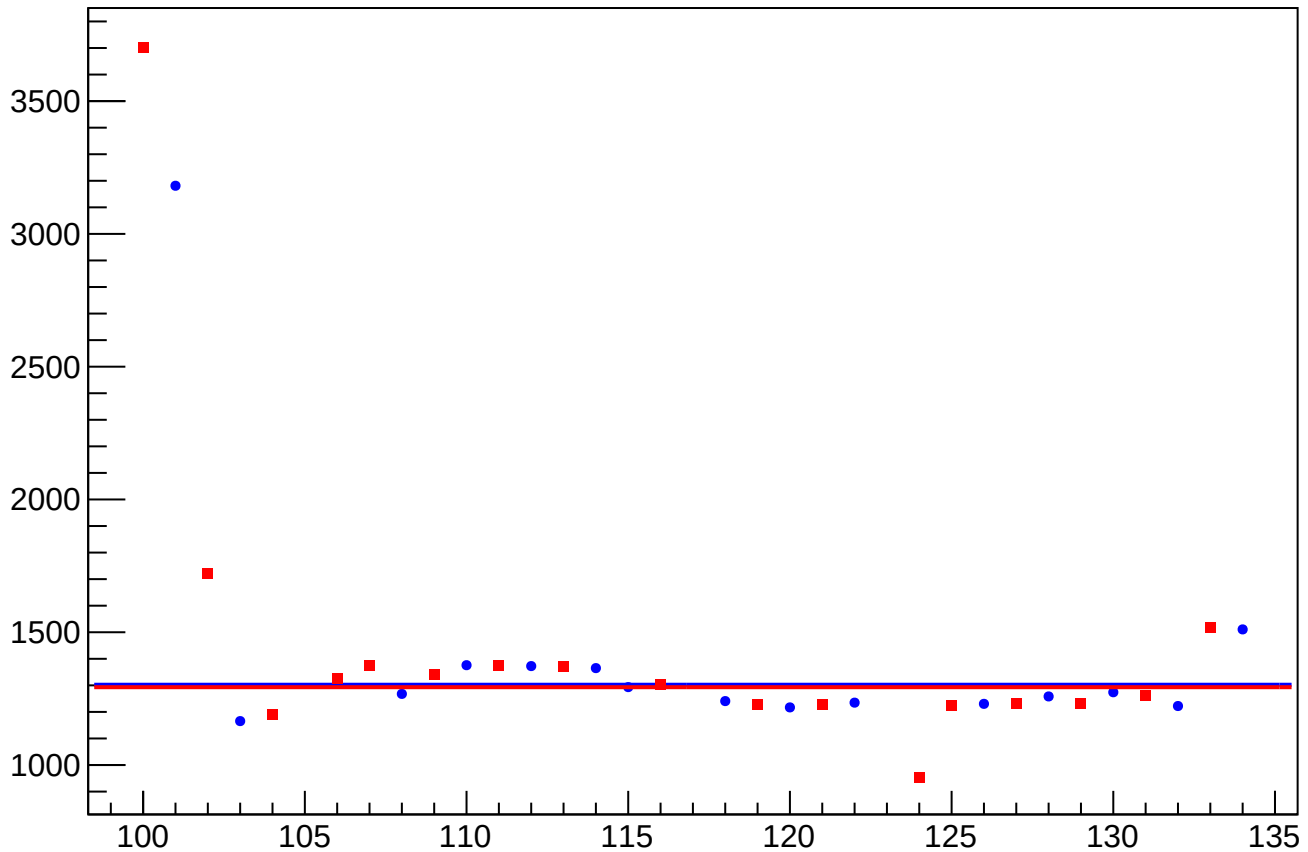
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -109.389+/-366.934 χ^2/NDF : 25.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_dd_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

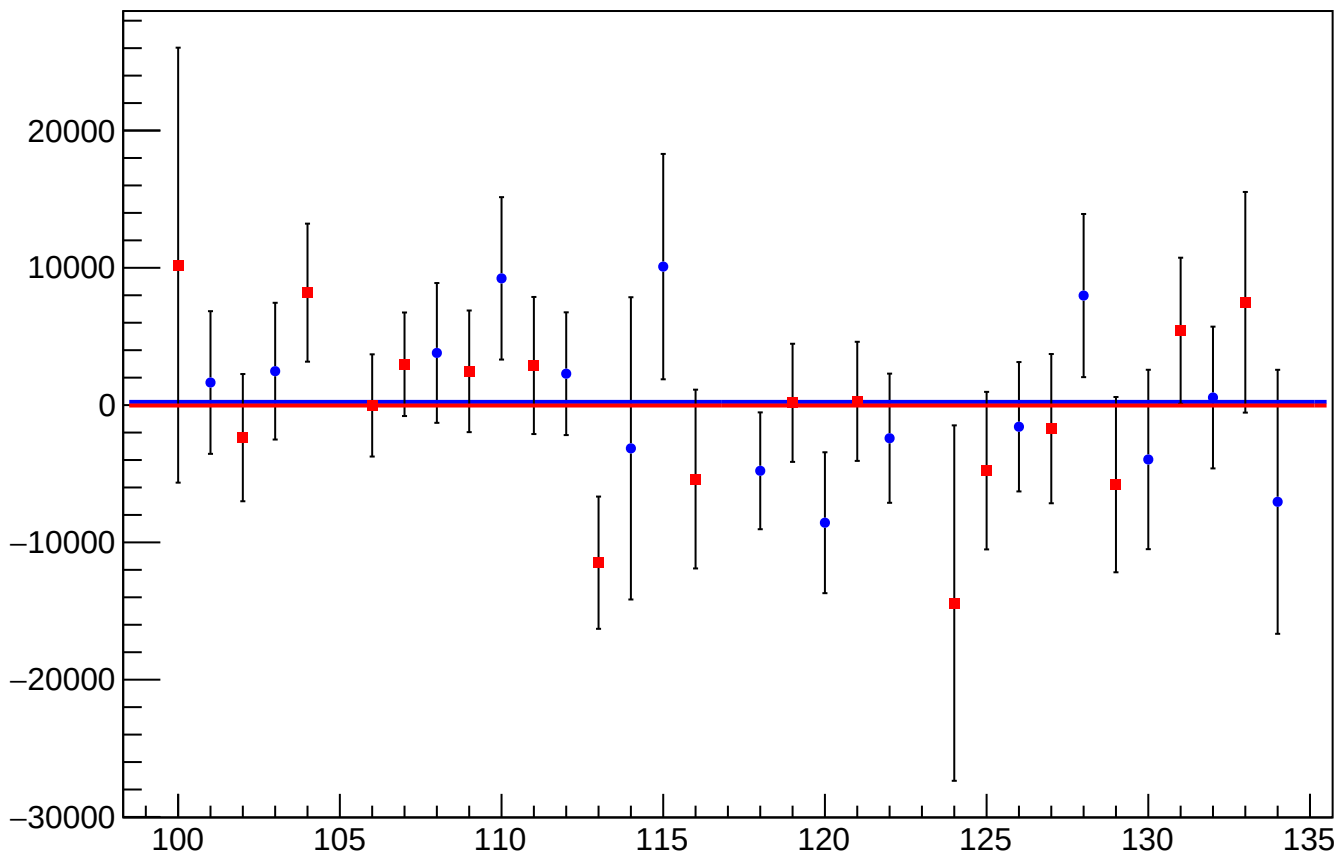
Right Out: 1293.041+/-0.360 χ^2/NDF : 211204.6/16

All: 1297.524+/-0.259 χ^2/NDF : 721940.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_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: -30.502 $\pm$ 1247.043 χ^2 /NDF: 15.7/16

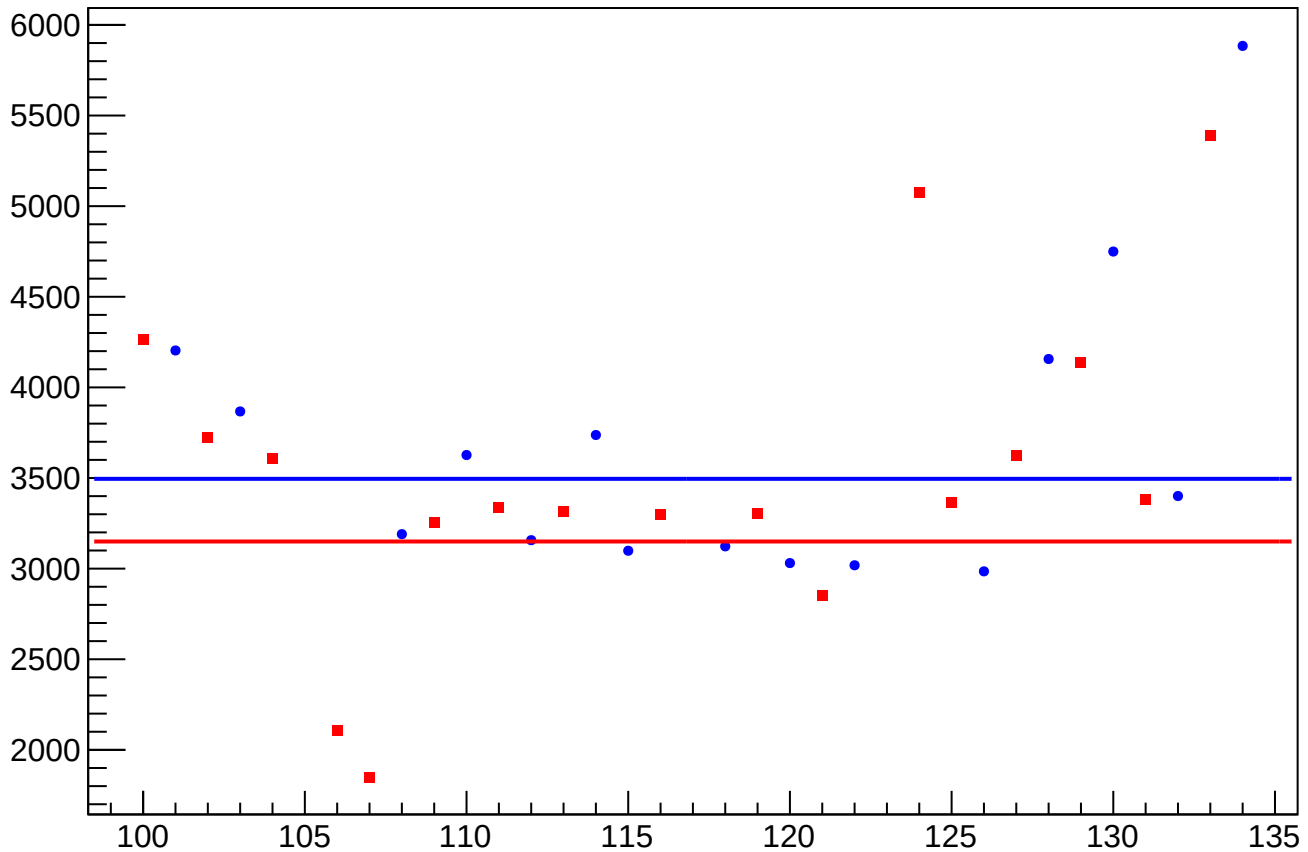
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 85.399 $\pm$ 934.881 χ^2 /NDF: 28.1/31

- 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

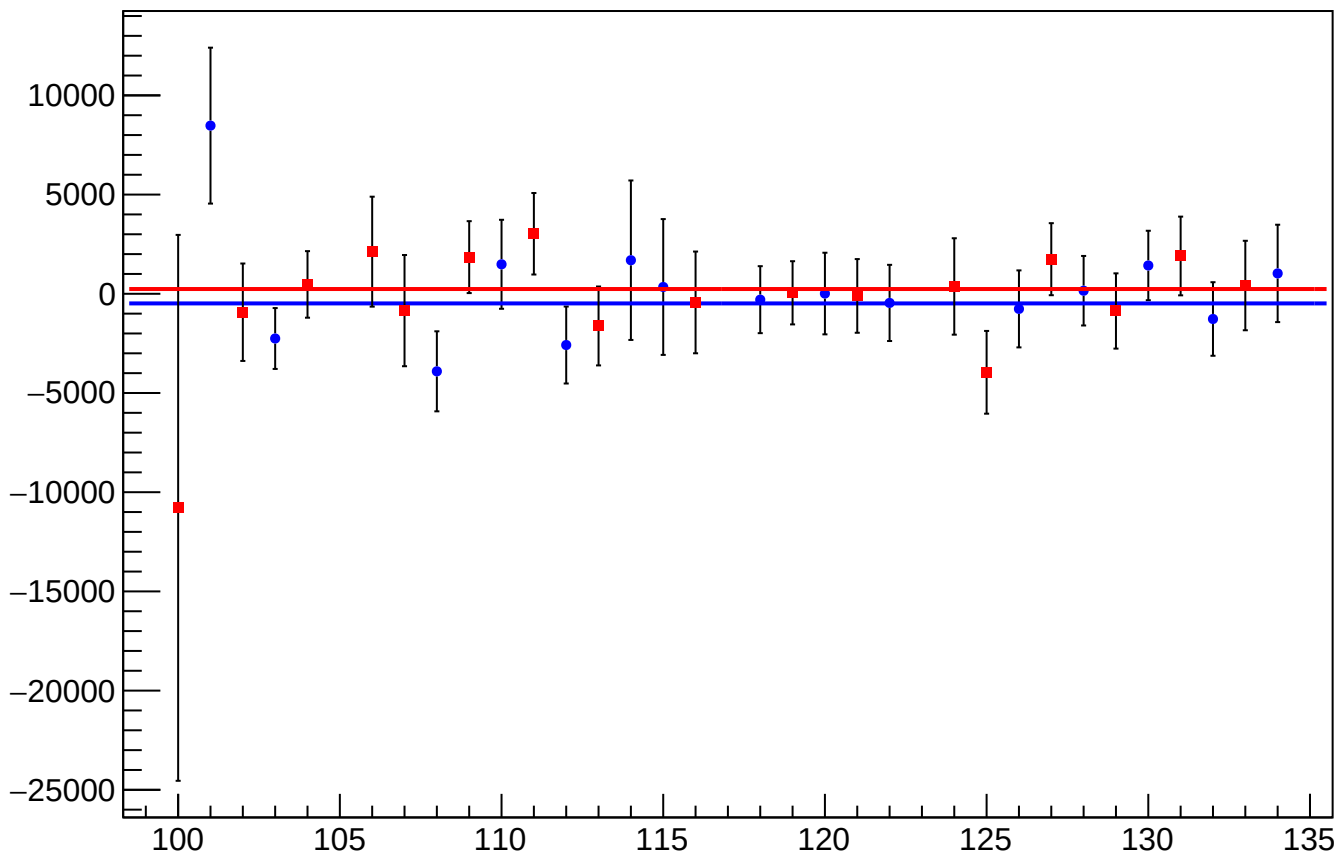
Right Out: 3149.771+/-0.882 χ^2/NDF : 741142.1/16

All: 3301.191+/-0.661 χ^2/NDF : 1180371.5/31

- 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_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: 240.262 ± 509.871 χ^2/NDF : 10.9/16

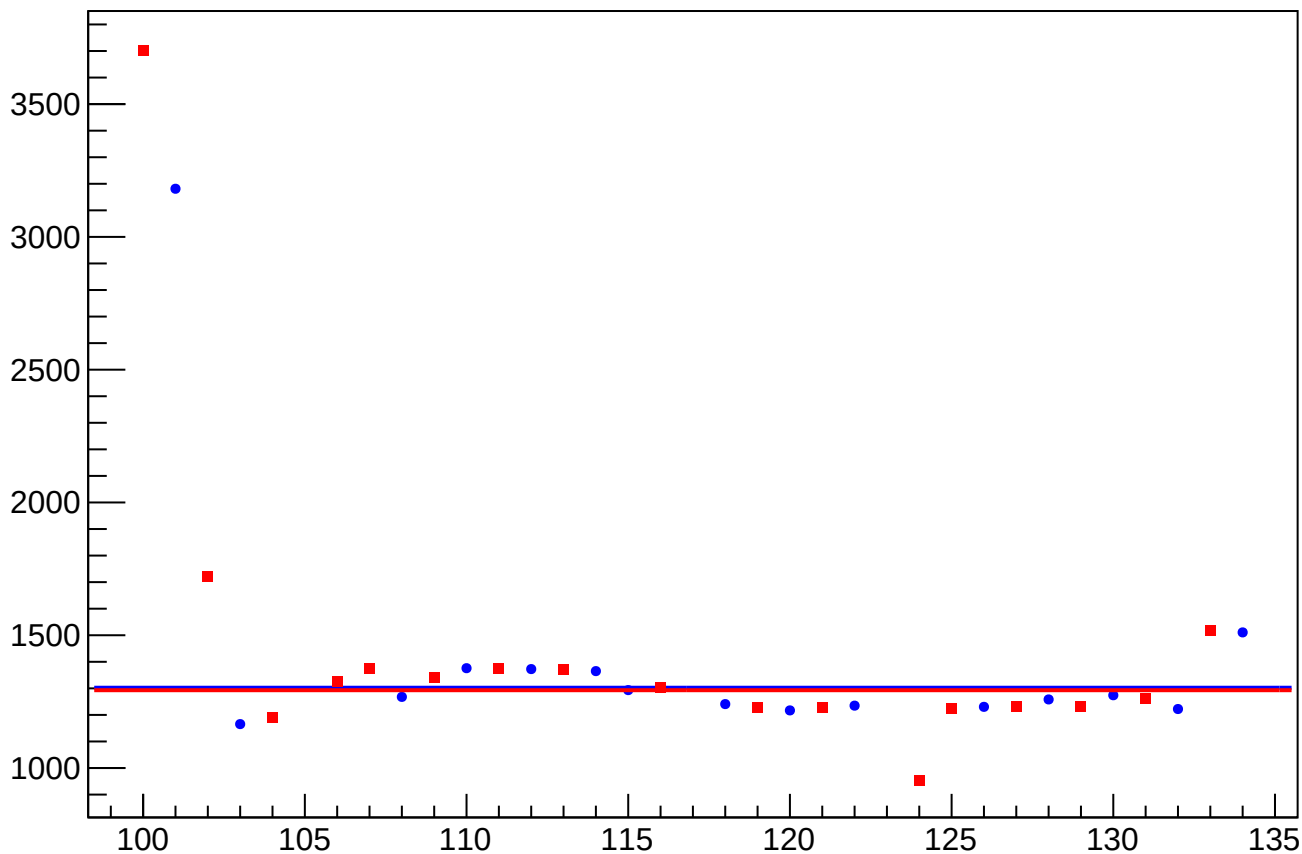
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -109.387 ± 366.933 χ^2/NDF : 25.6/31

- 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: 1293.041+/-0.360 χ^2/NDF : 211204.6/16

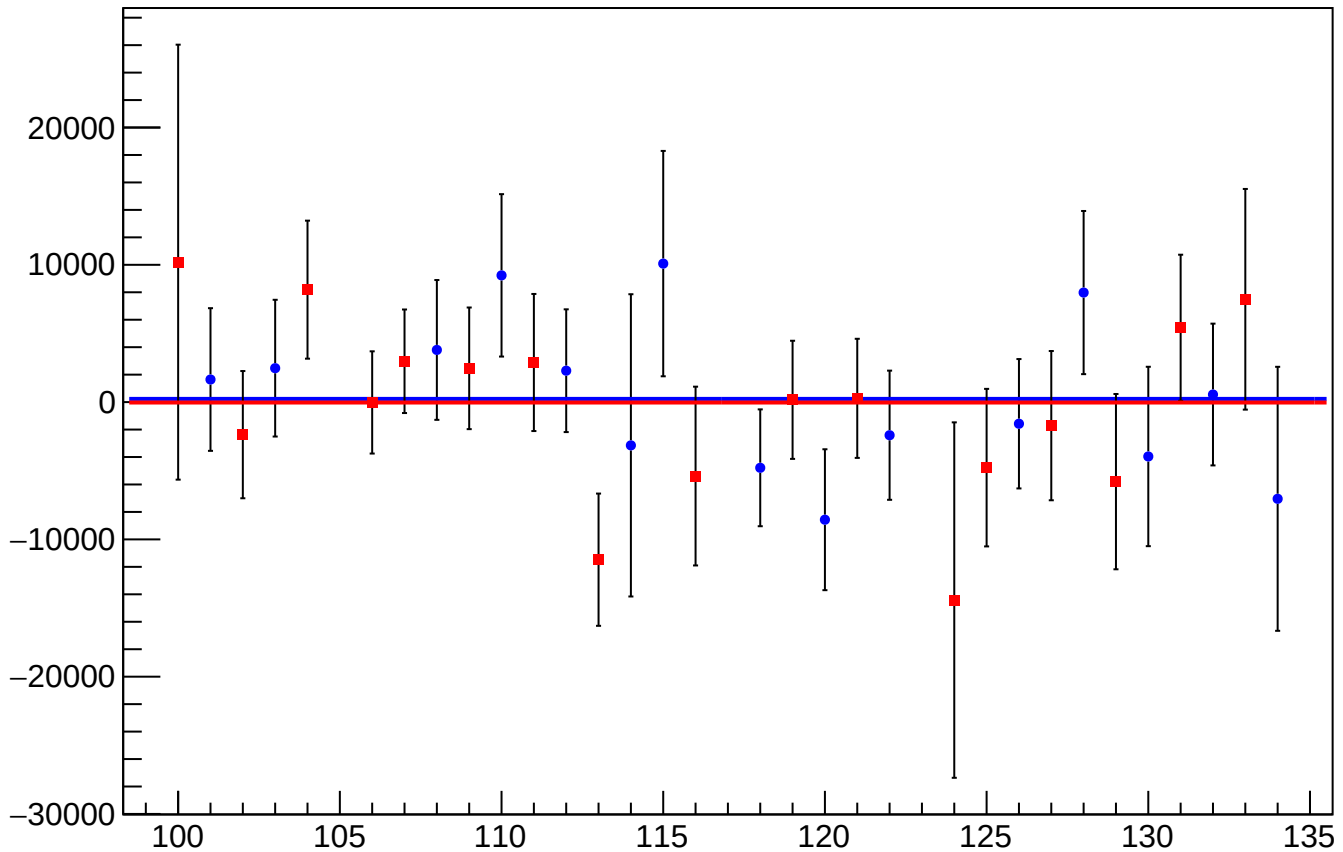
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1297.524+/-0.259 χ^2/NDF : 721940.1/31

- 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: -30.498 $\pm$ 1247.039 χ^2 /NDF: 15.7/16

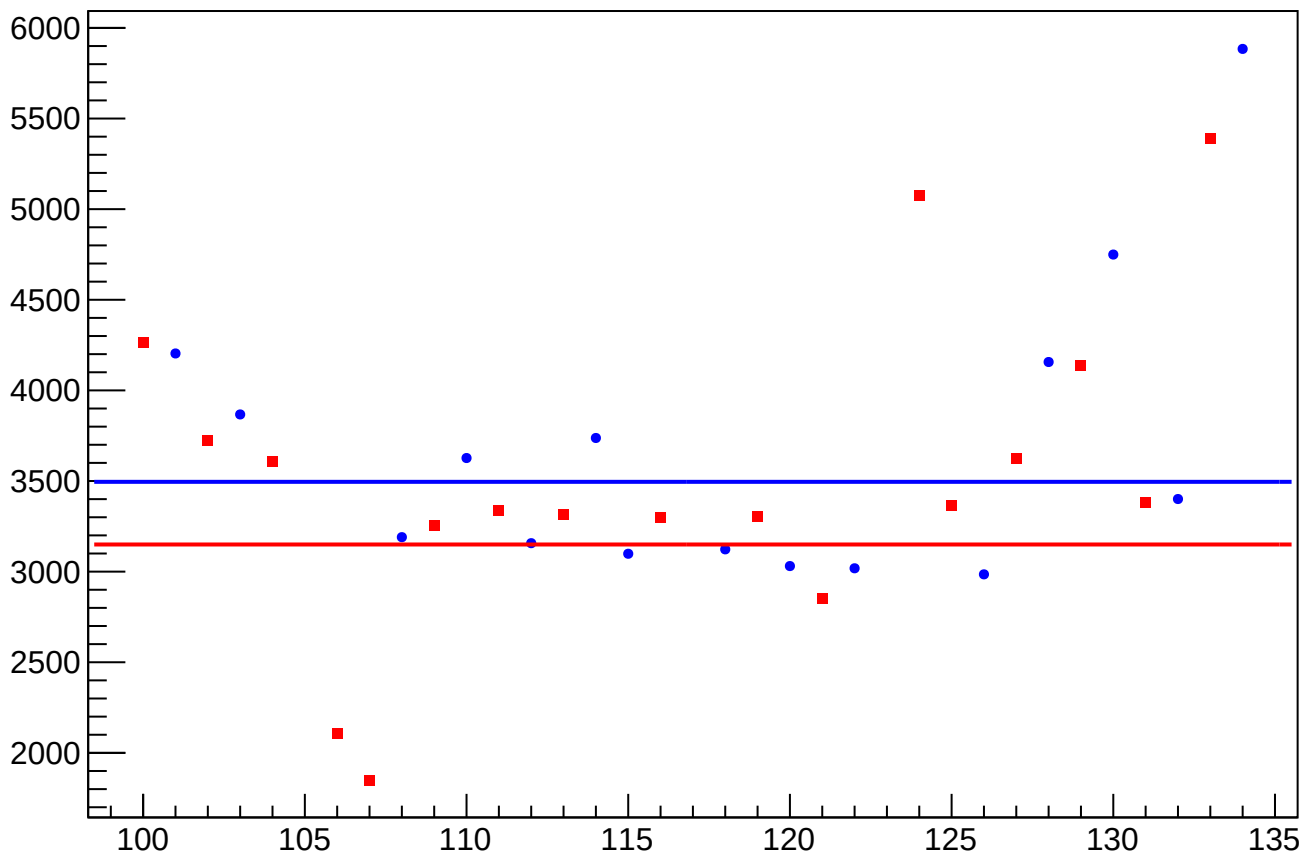
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 85.400 $\pm$ 934.878 χ^2 /NDF: 28.1/31

- 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+/-0.999 χ^2/NDF : 371907.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3149.762+/-0.882 χ^2/NDF : 741142.7/16

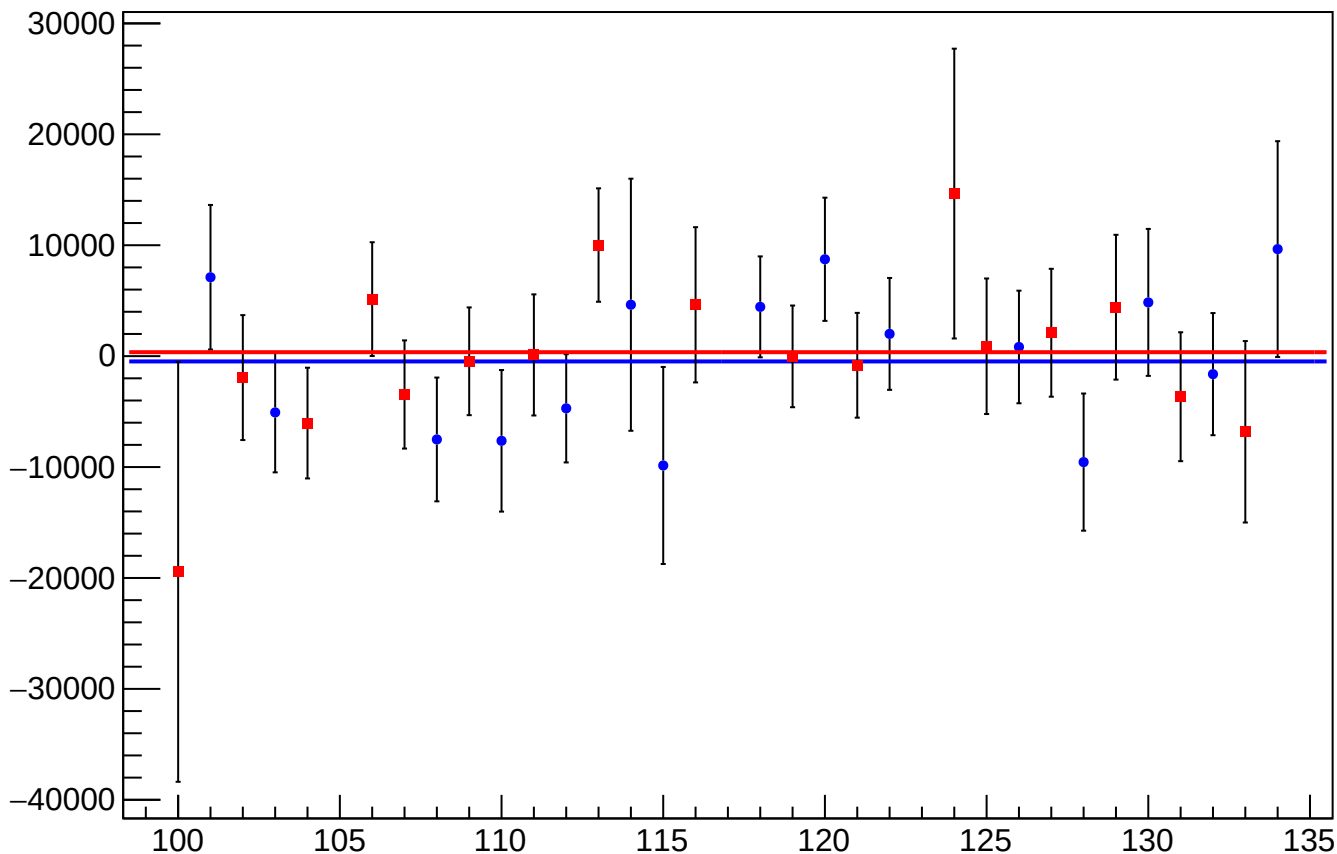
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3301.182+/-0.661 χ^2/NDF : 1180375.0/31

- sign 0.000+/-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: 356.476+/-1397.238 χ^2/NDF : 11.4/16

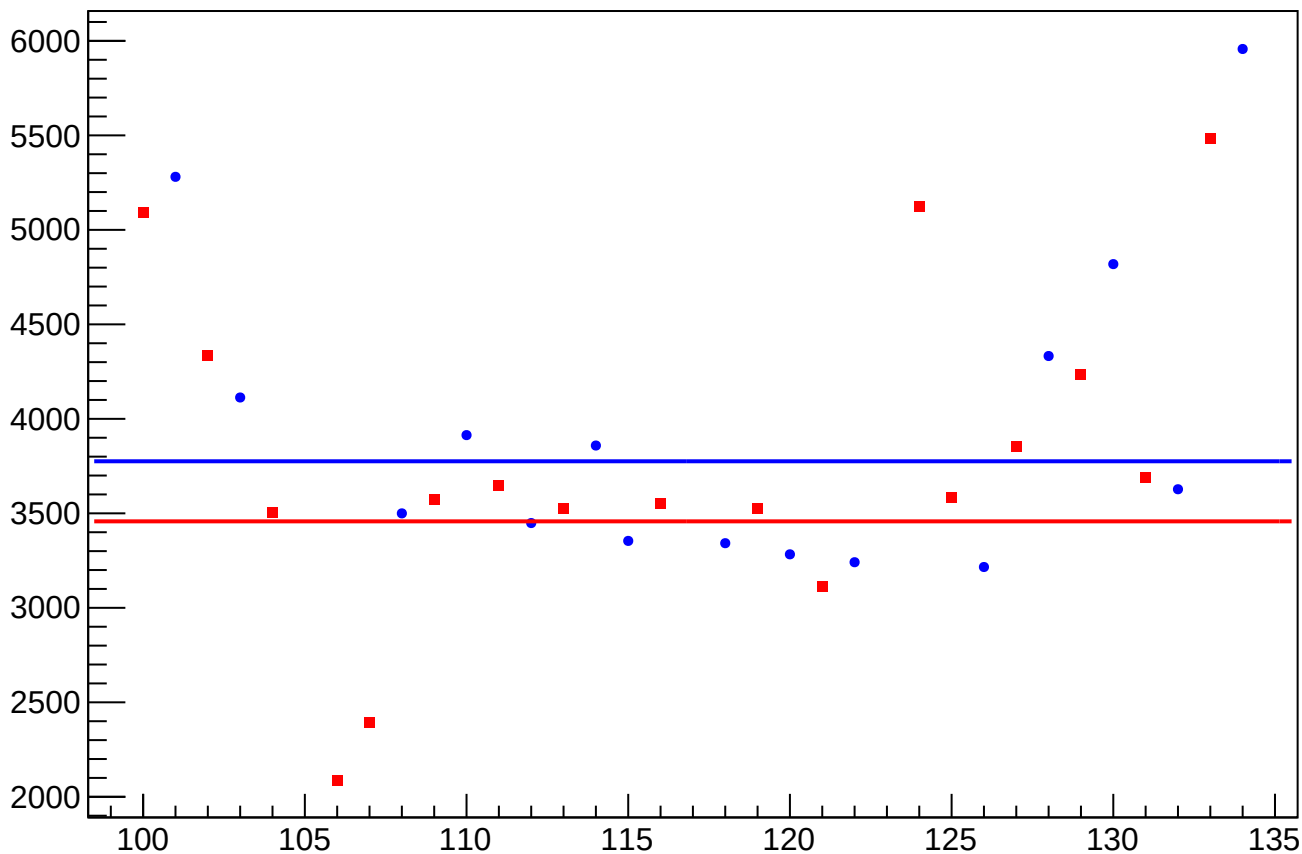
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.889+/-1031.208 χ^2/NDF : 26.7/31

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

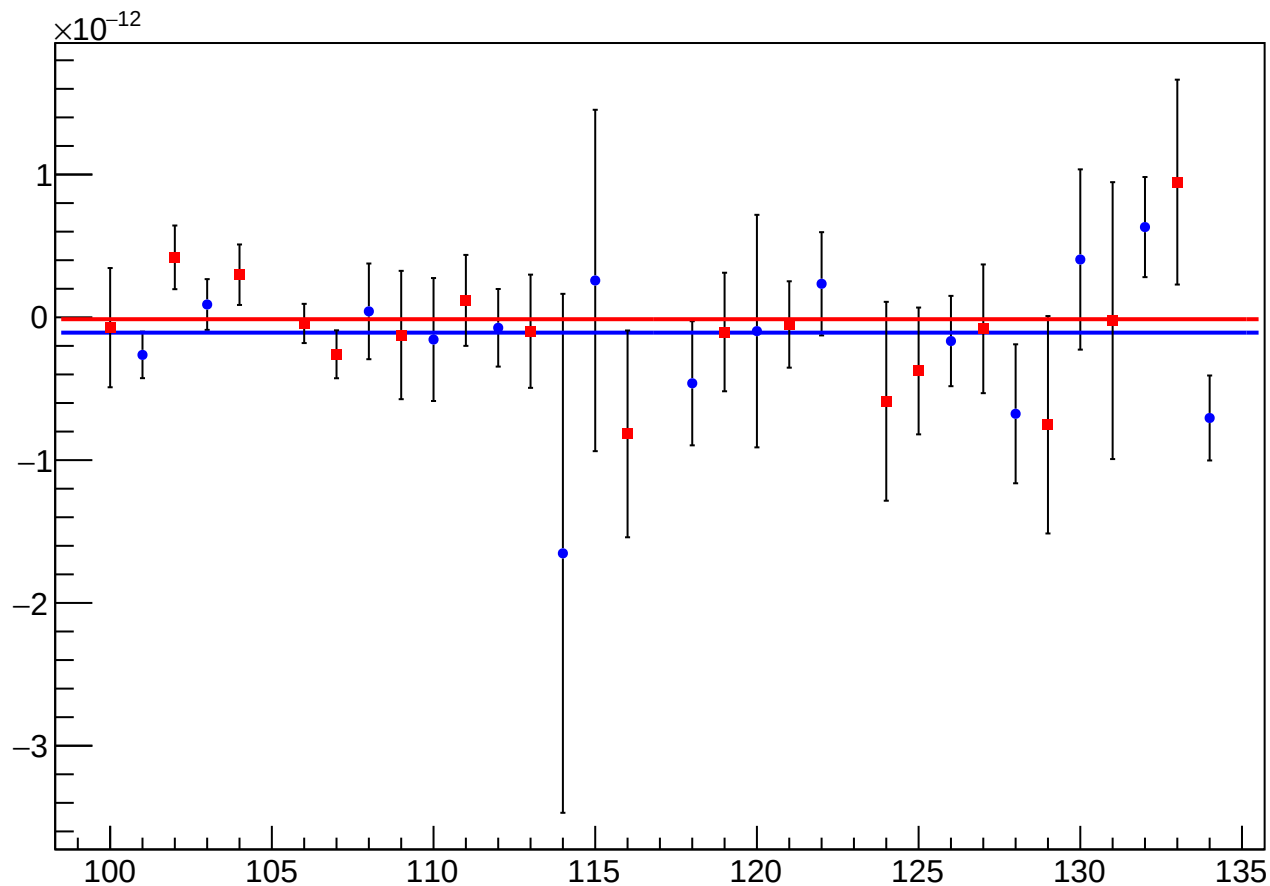
Right Out: 3457.587+/-0.973 χ^2/NDF : 572805.3/16

All: 3599.969+/-0.723 χ^2/NDF : 1002838.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_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 : 13.8/16

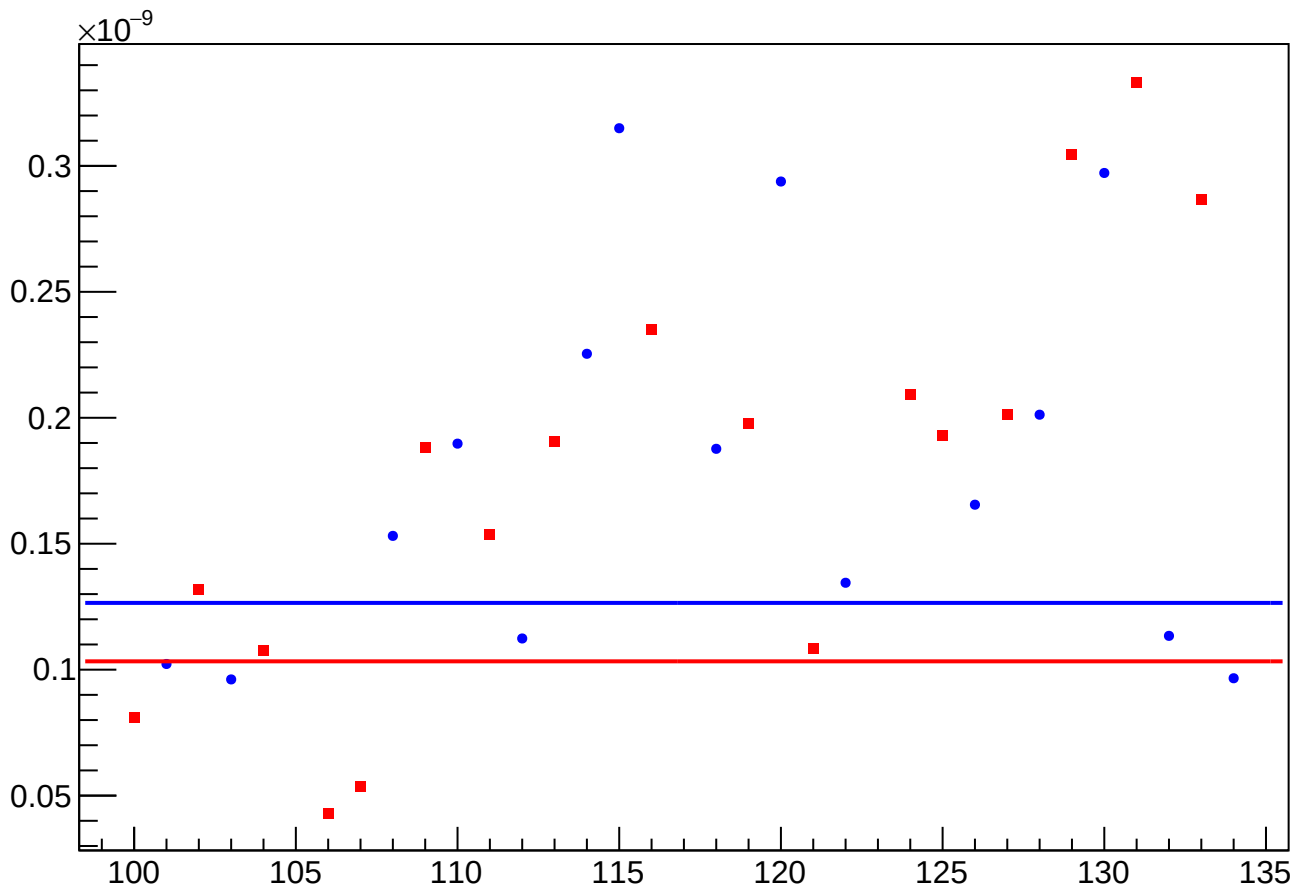
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.9/31

- 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: 1596591.4/16

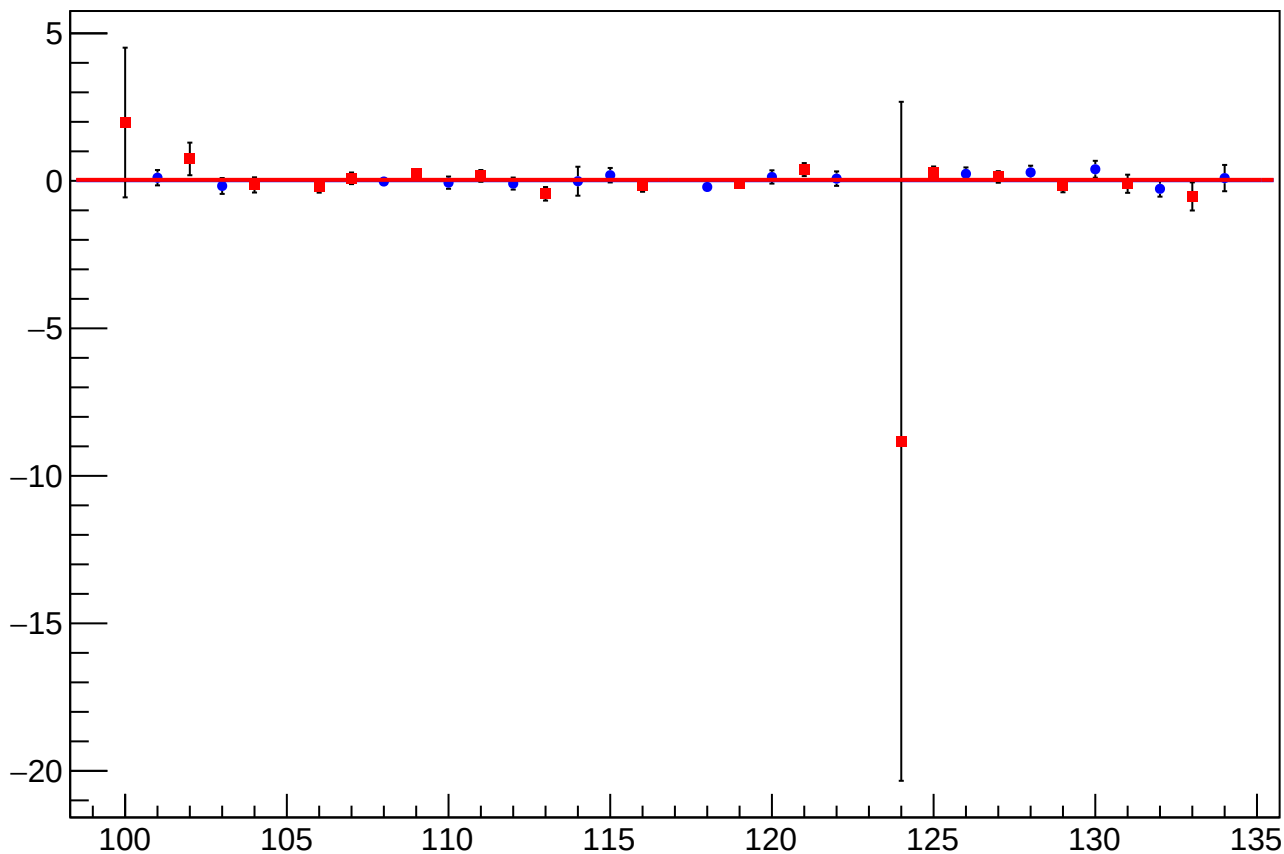
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2278499.3/31

- 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+/-0.060 χ^2/NDF : 9.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.034+/-0.056 χ^2/NDF : 19.6/16

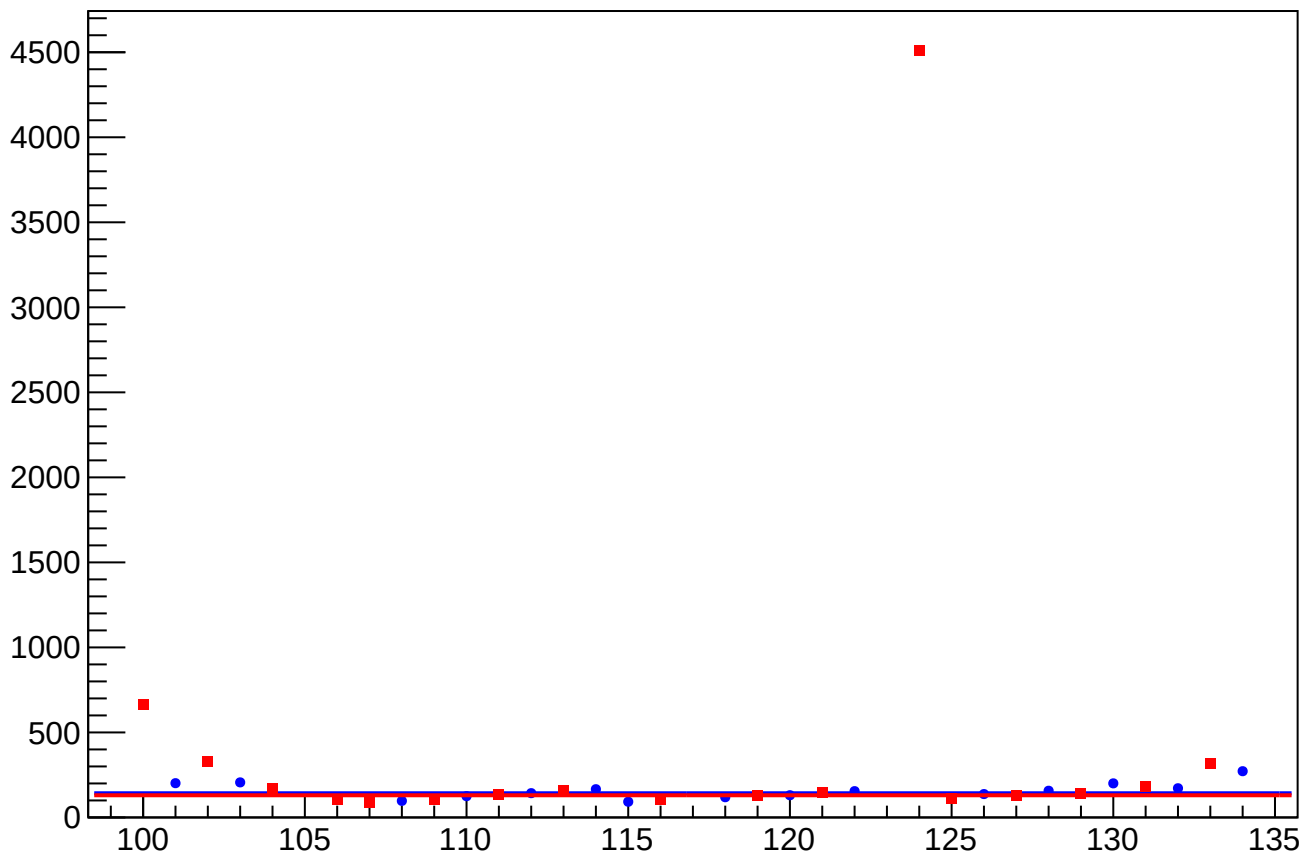
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.041 χ^2/NDF : 28.8/31

- sign 0.000+/-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 $\pm$ 0.042 χ^2 /NDF: 810347.9/14

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

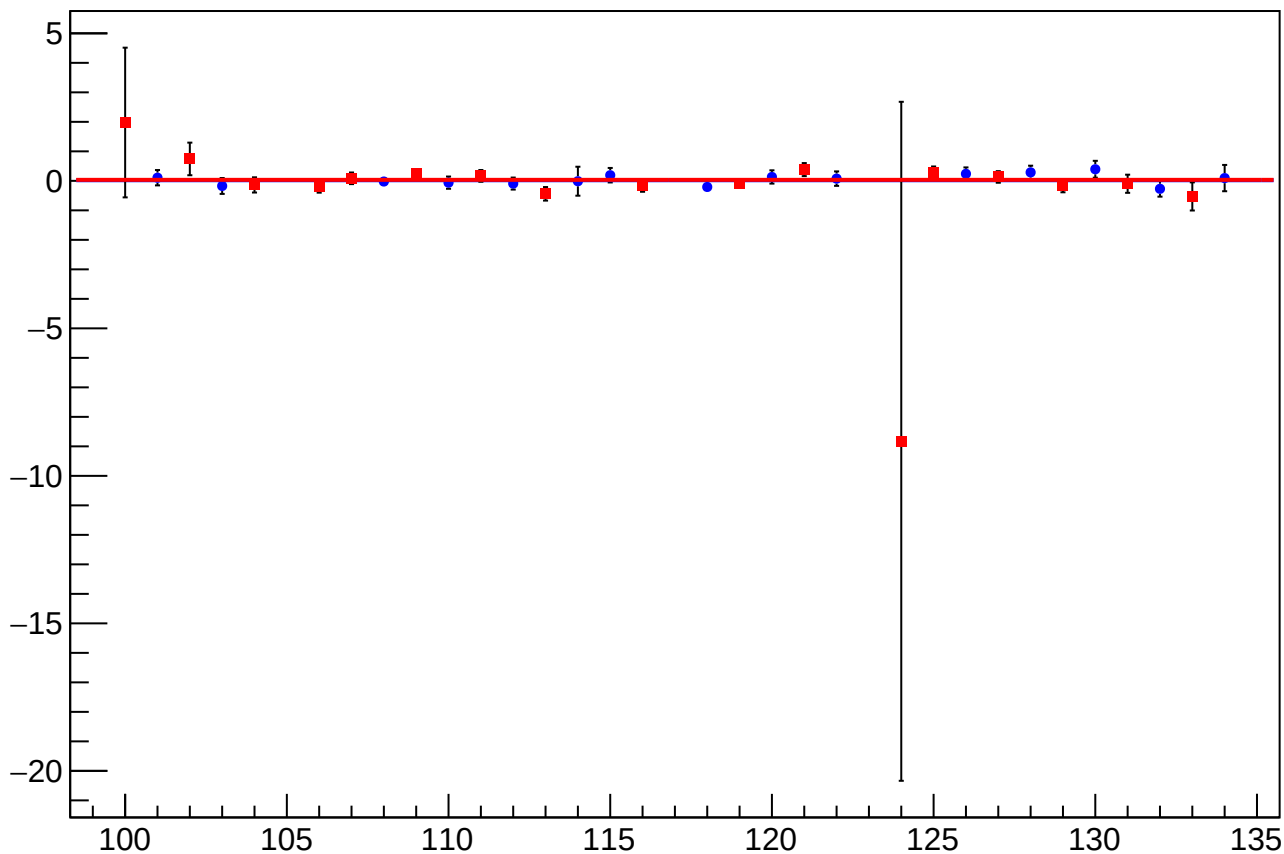
Right Out: 130.506 $\pm$ 0.039 χ^2 /NDF: 1302037.0/16

All: 135.993 $\pm$ 0.029 χ^2 /NDF: 2153902.1/31

- 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_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: 0.034+/-0.056 χ^2/NDF : 19.6/16

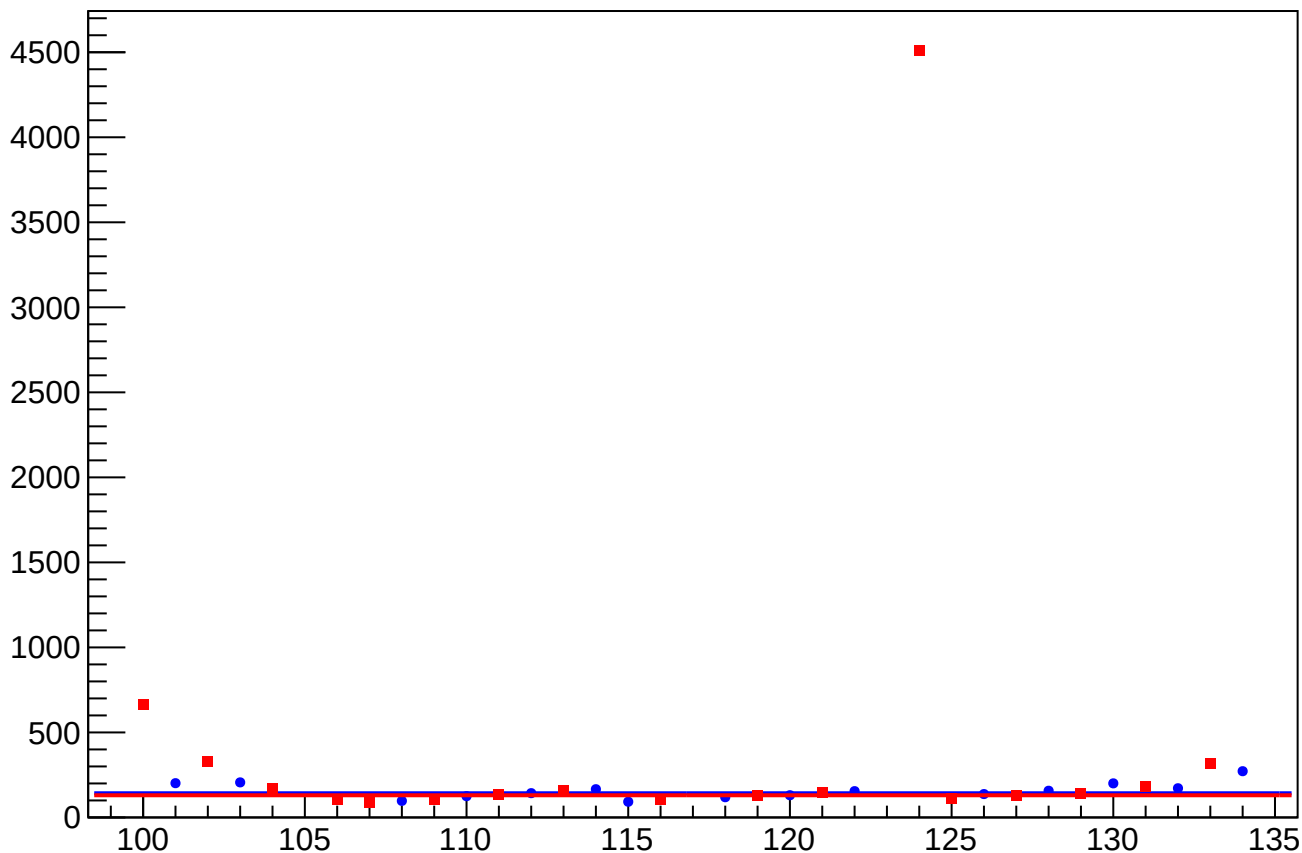
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.041 χ^2/NDF : 28.8/31

- 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: 130.506+/-0.039 χ^2/NDF : 1302037.0/16

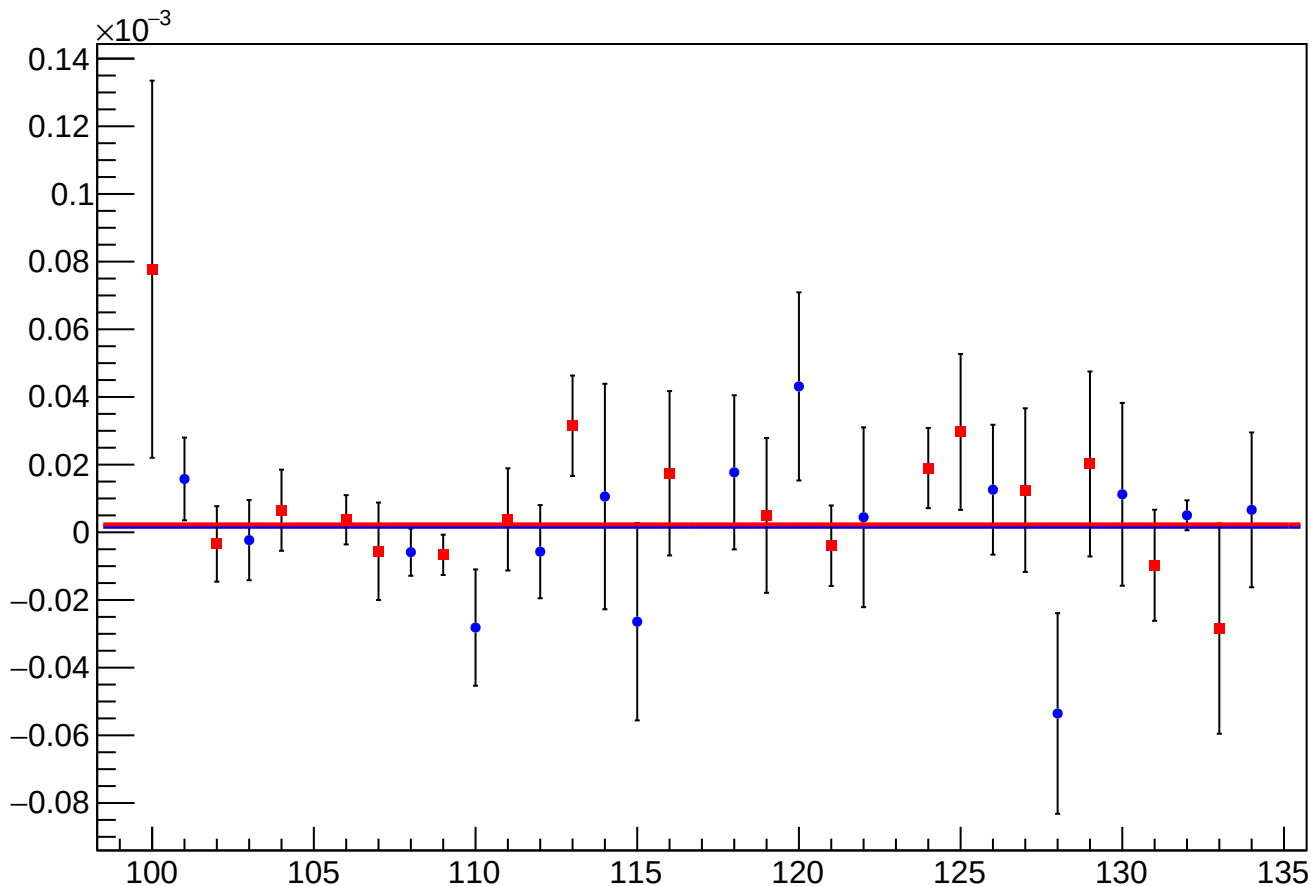
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.993+/-0.029 χ^2/NDF : 2153902.1/31

- 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+/-0.000 χ^2/NDF : 14.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.9/16

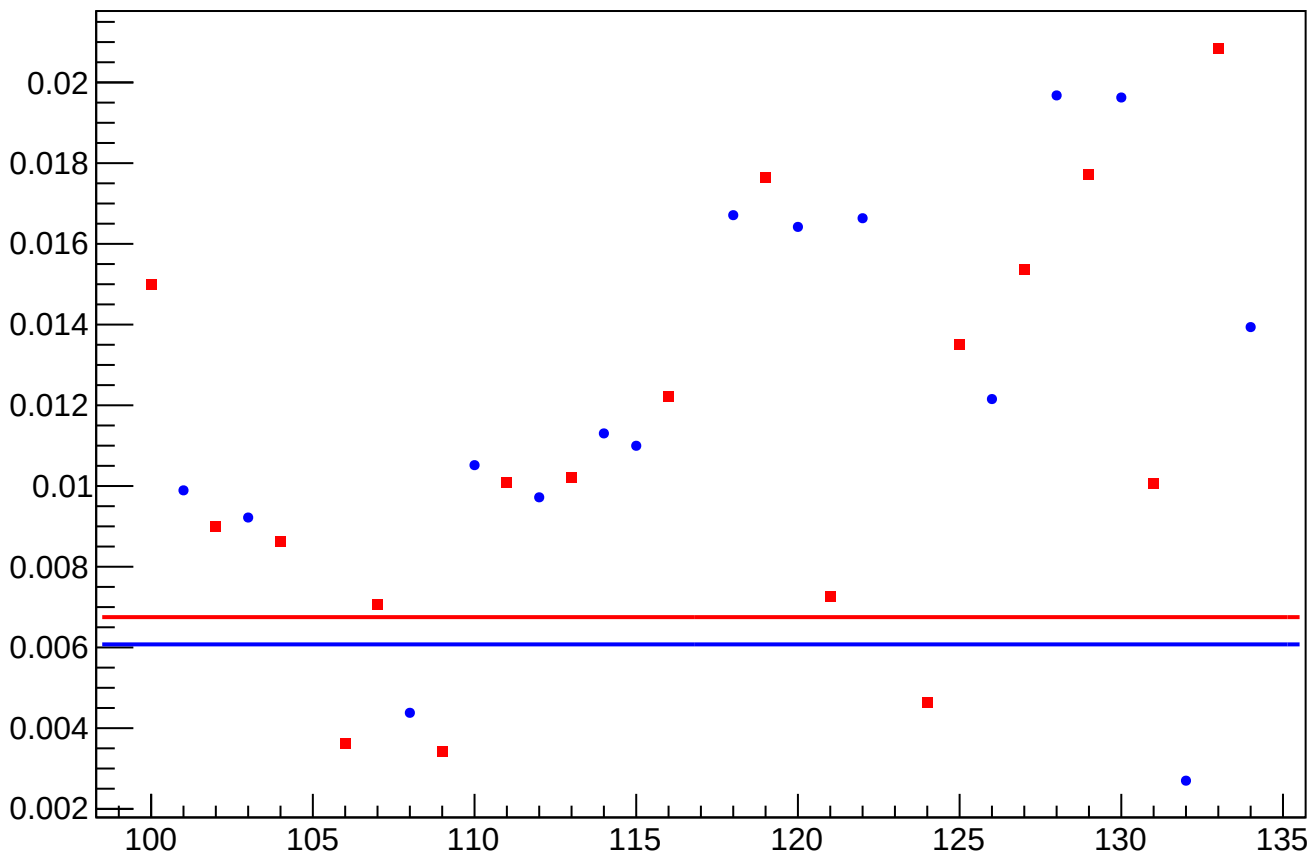
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.1/31

- sign 0.000+/-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 : 3236557.9/16

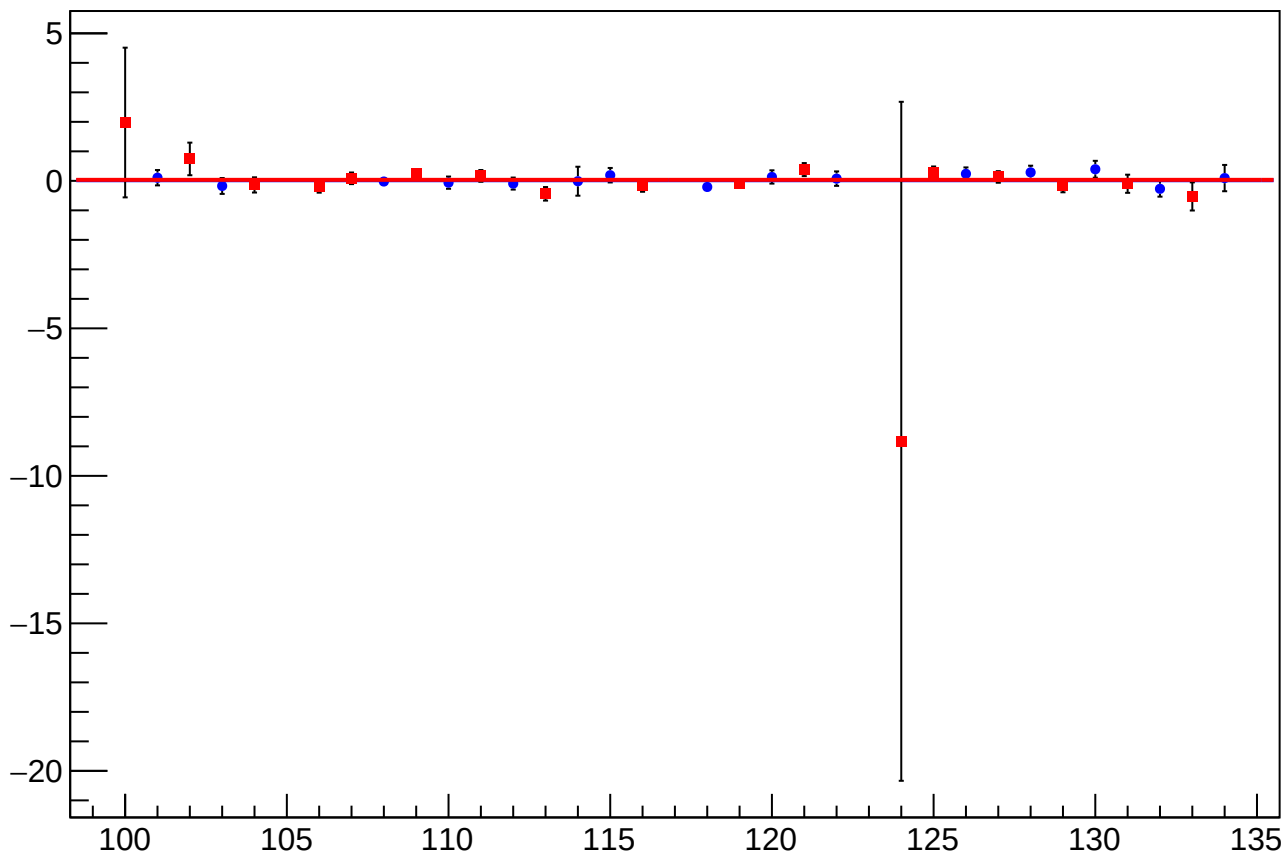
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 7671629.5/31

- 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: 0.034 $\pm$ 0.056 χ^2 /NDF: 19.6/16

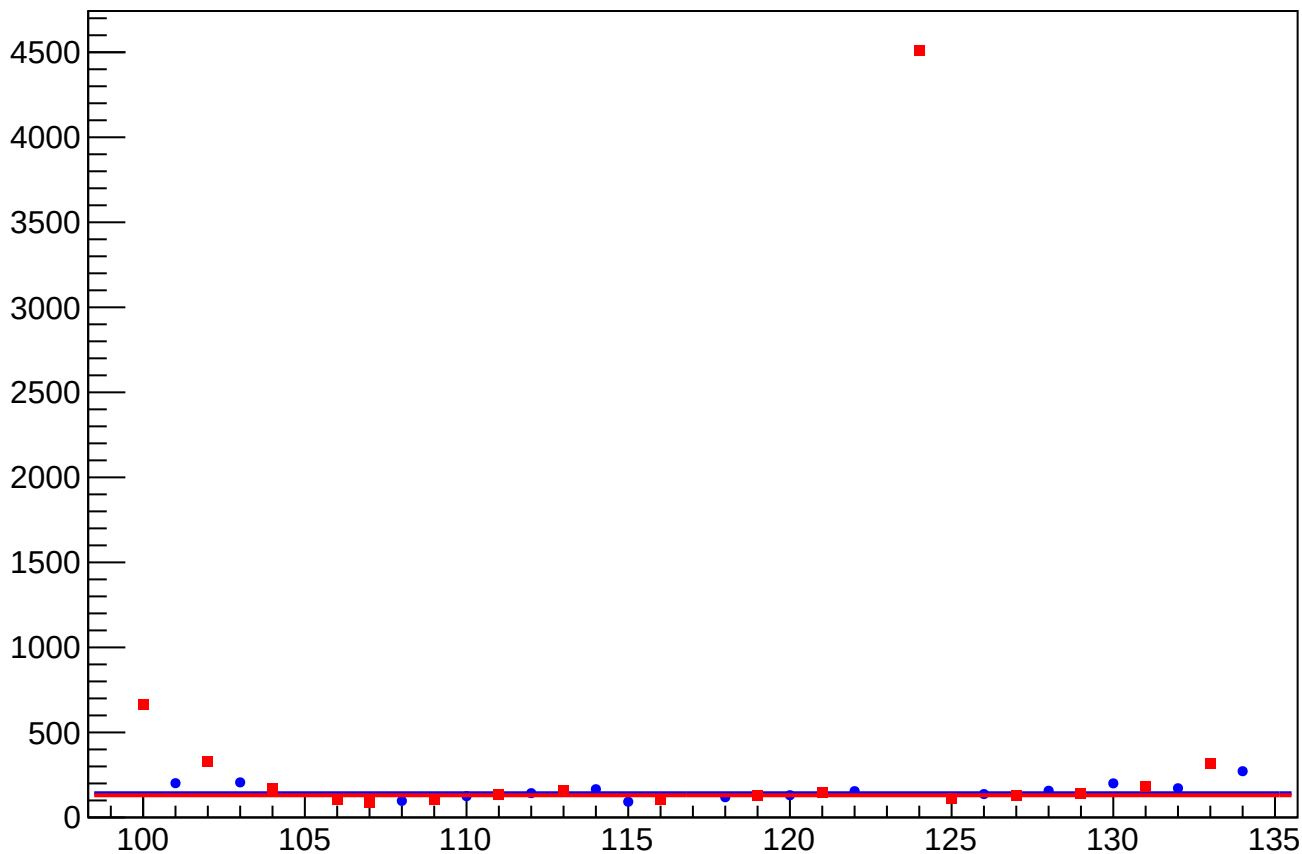
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.028 $\pm$ 0.041 χ^2 /NDF: 28.8/31

- 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

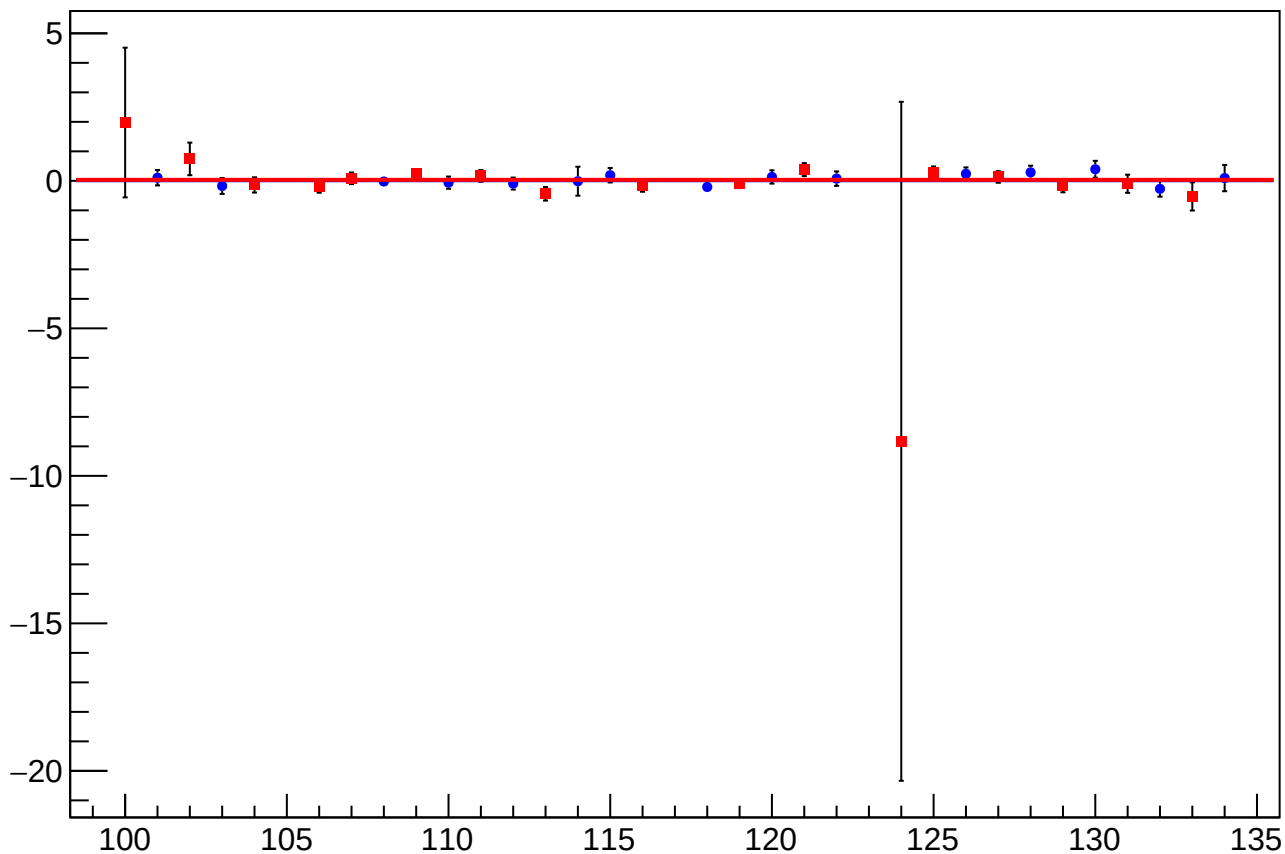
Right Out: 130.507+/-0.039 χ^2/NDF : 1301957.4/16

All: 135.994+/-0.029 χ^2/NDF : 2153742.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_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: 0.034+/-0.056 χ^2/NDF : 19.6/16

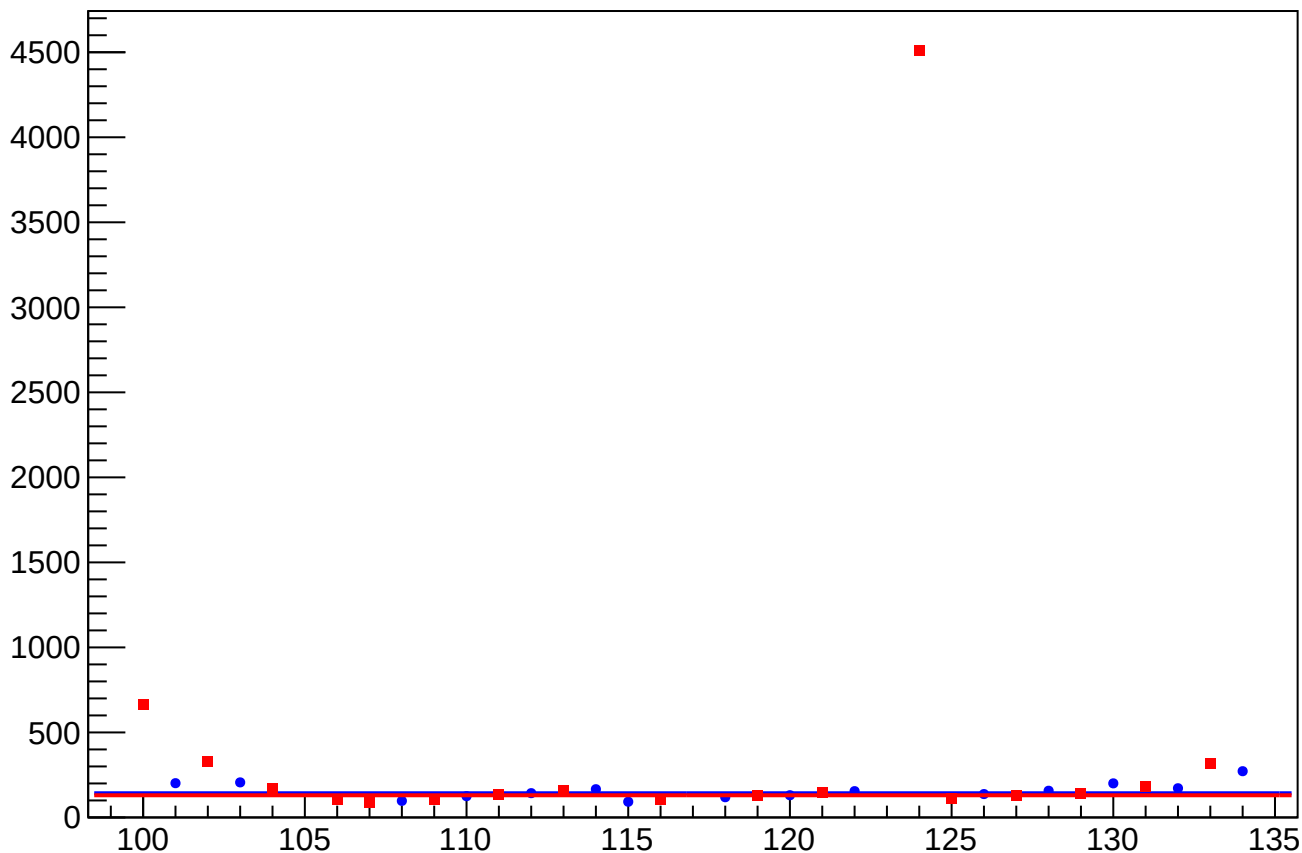
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.041 χ^2/NDF : 28.8/31

- 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: 130.507+/-0.039 χ^2/NDF : 1301957.4/16

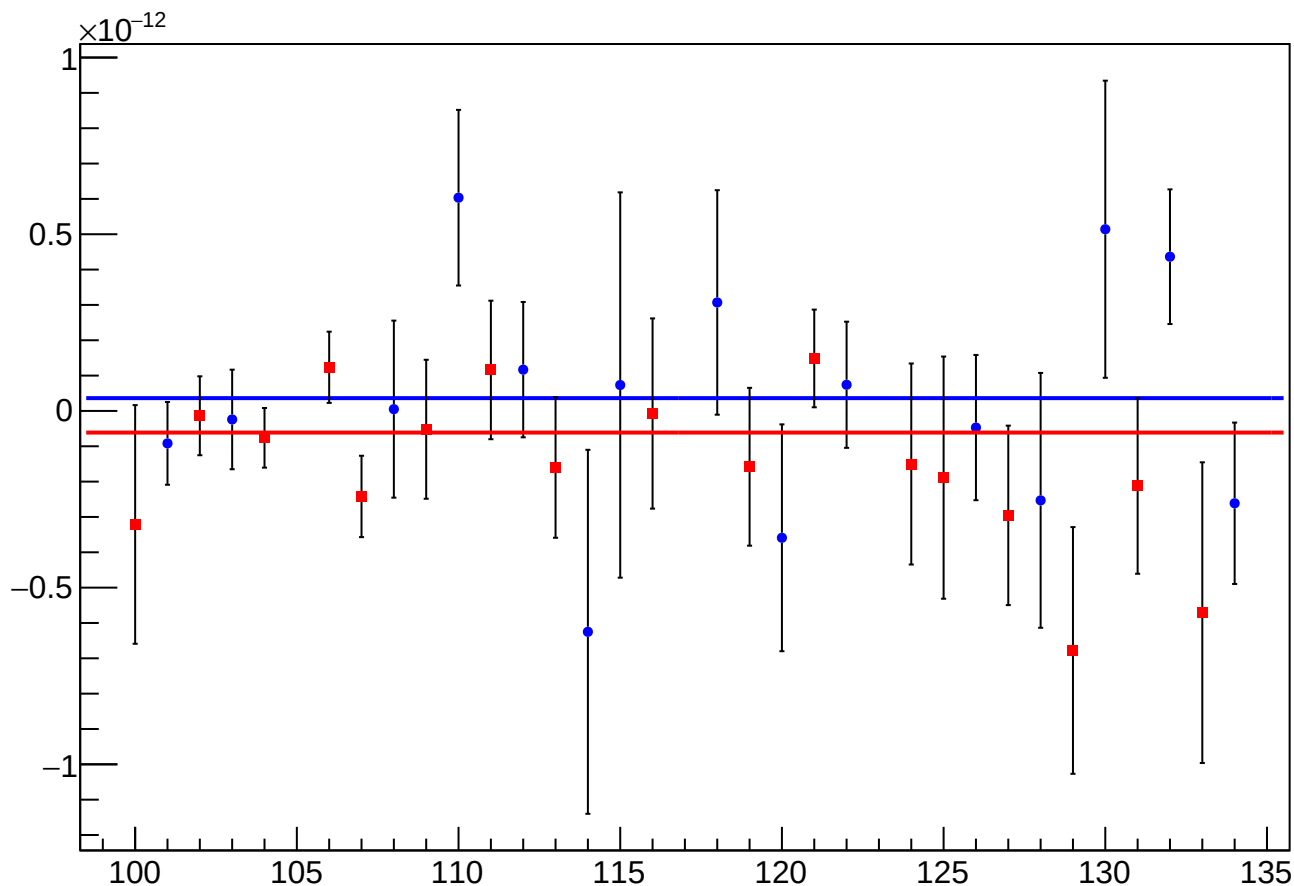
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.994+/-0.029 χ^2/NDF : 2153742.3/31

- 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+/-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 : 16.2/16

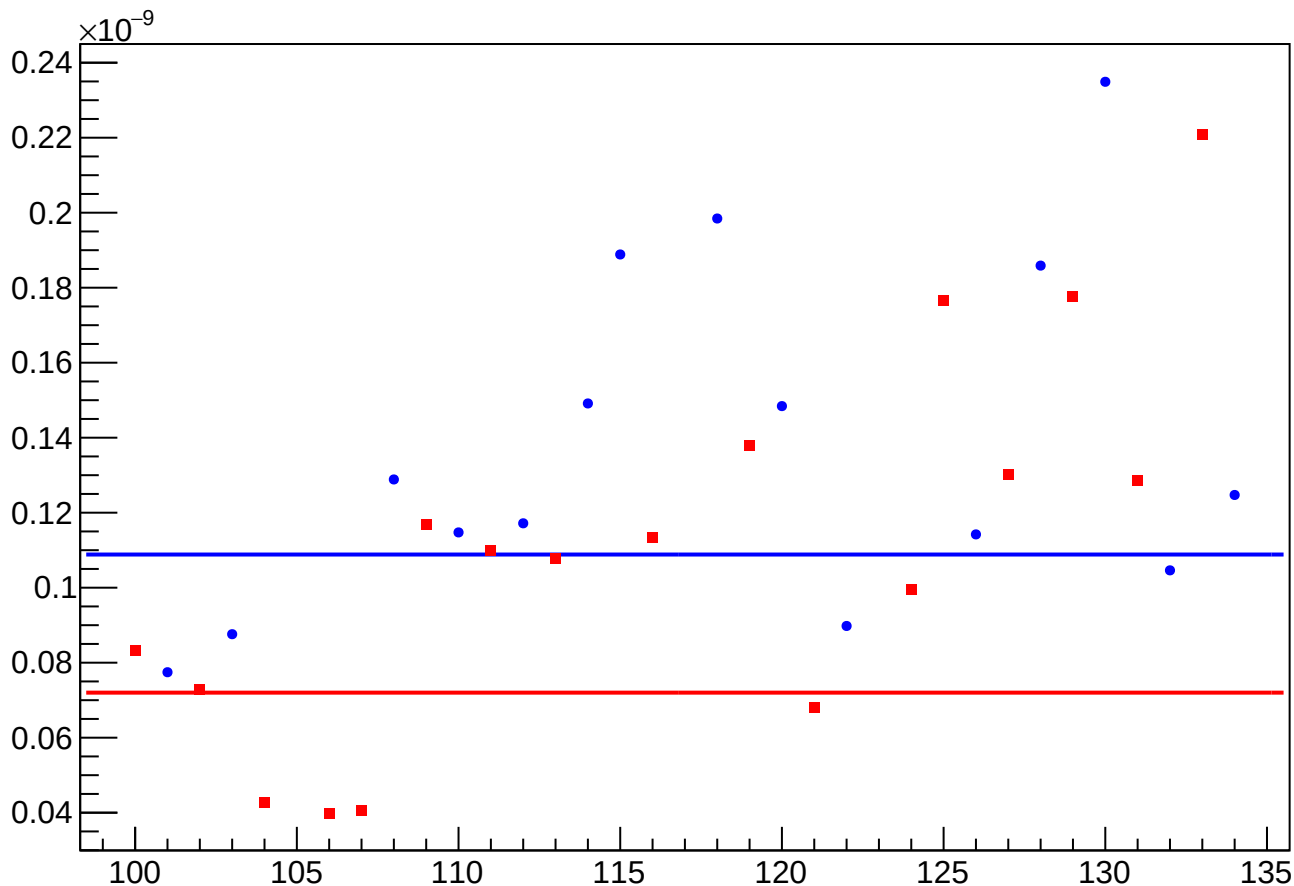
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 37.2/31

- sign 0.000+/-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: 1902273.2/16

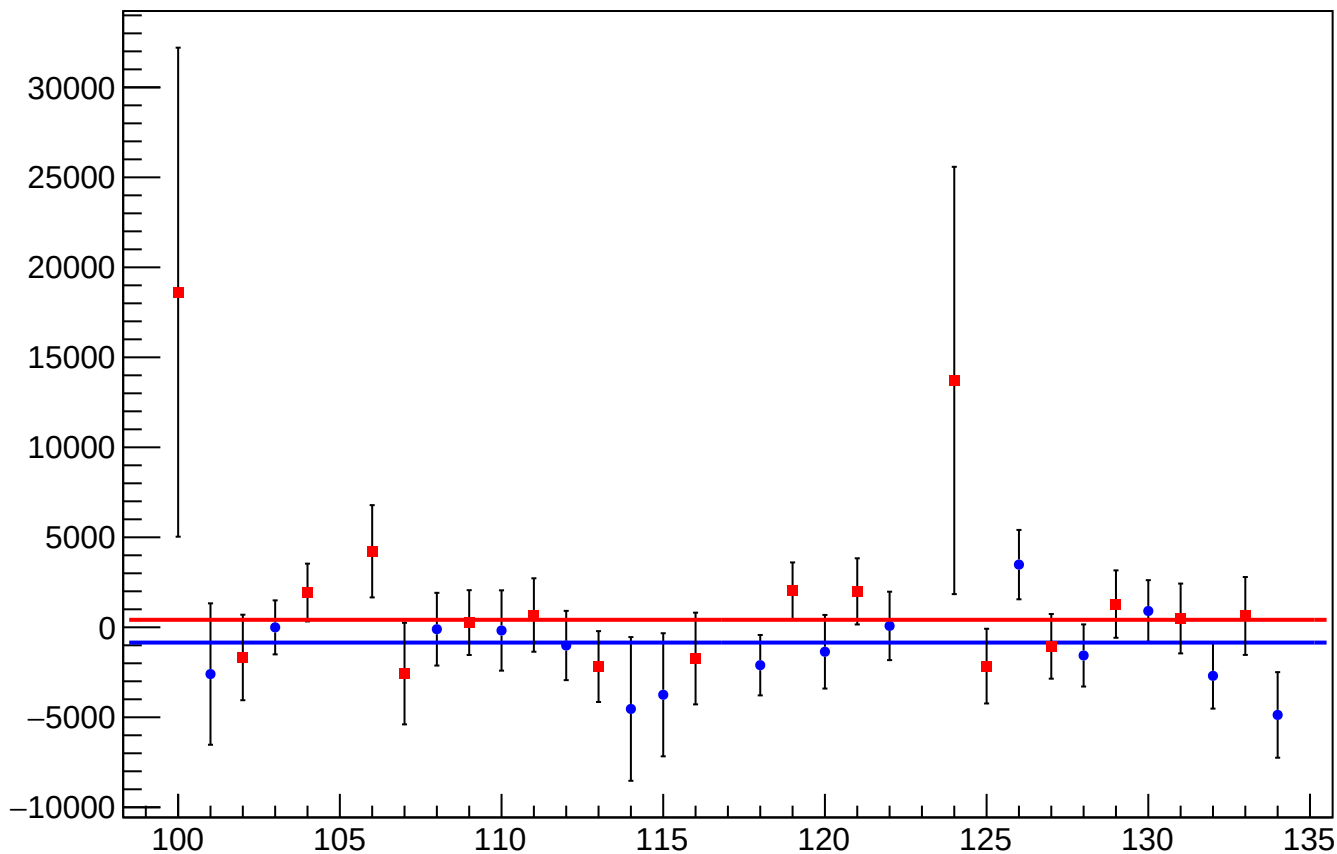
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3242034.0/31

- 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+/-522.196 χ^2/NDF : 13.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 416.064+/-511.787 χ^2/NDF : 14.7/16

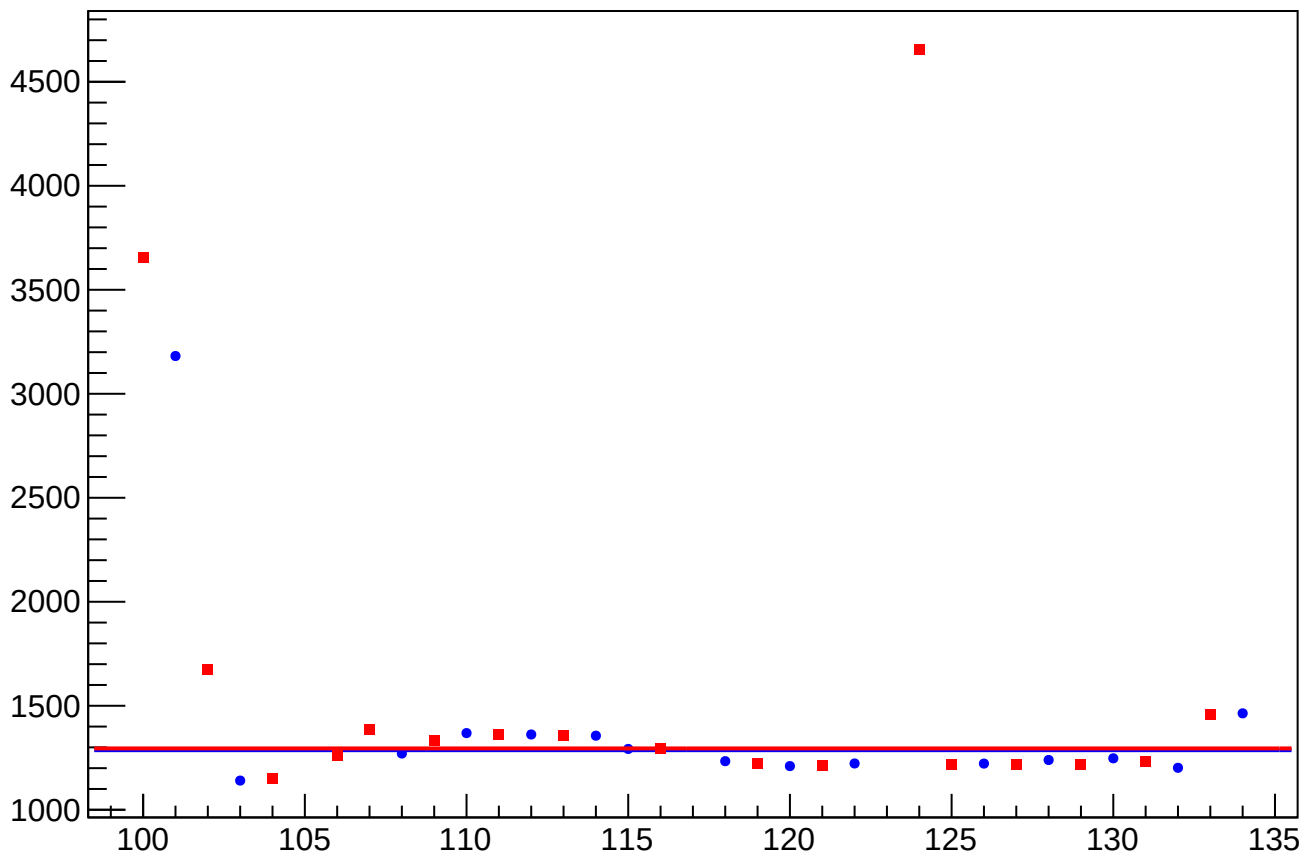
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -203.559+/-365.513 χ^2/NDF : 31.1/31

- sign 0.000+/-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: 1294.931+/-0.362 χ^2/NDF : 327826.2/16

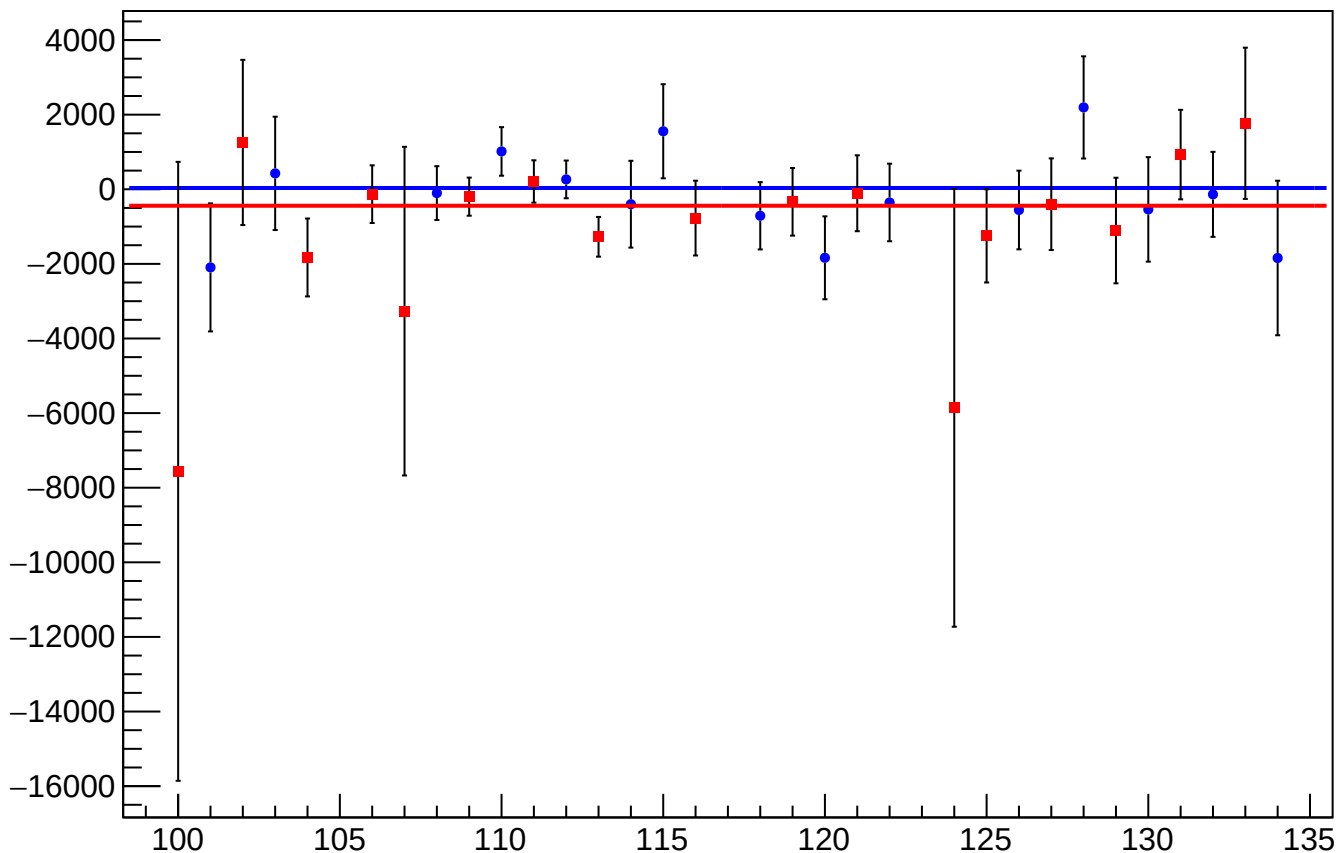
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1290.837+/-0.258 χ^2/NDF : 846201.3/31

- 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: -441.609 $\pm$ 227.848 χ^2 /NDF: 11.9/16

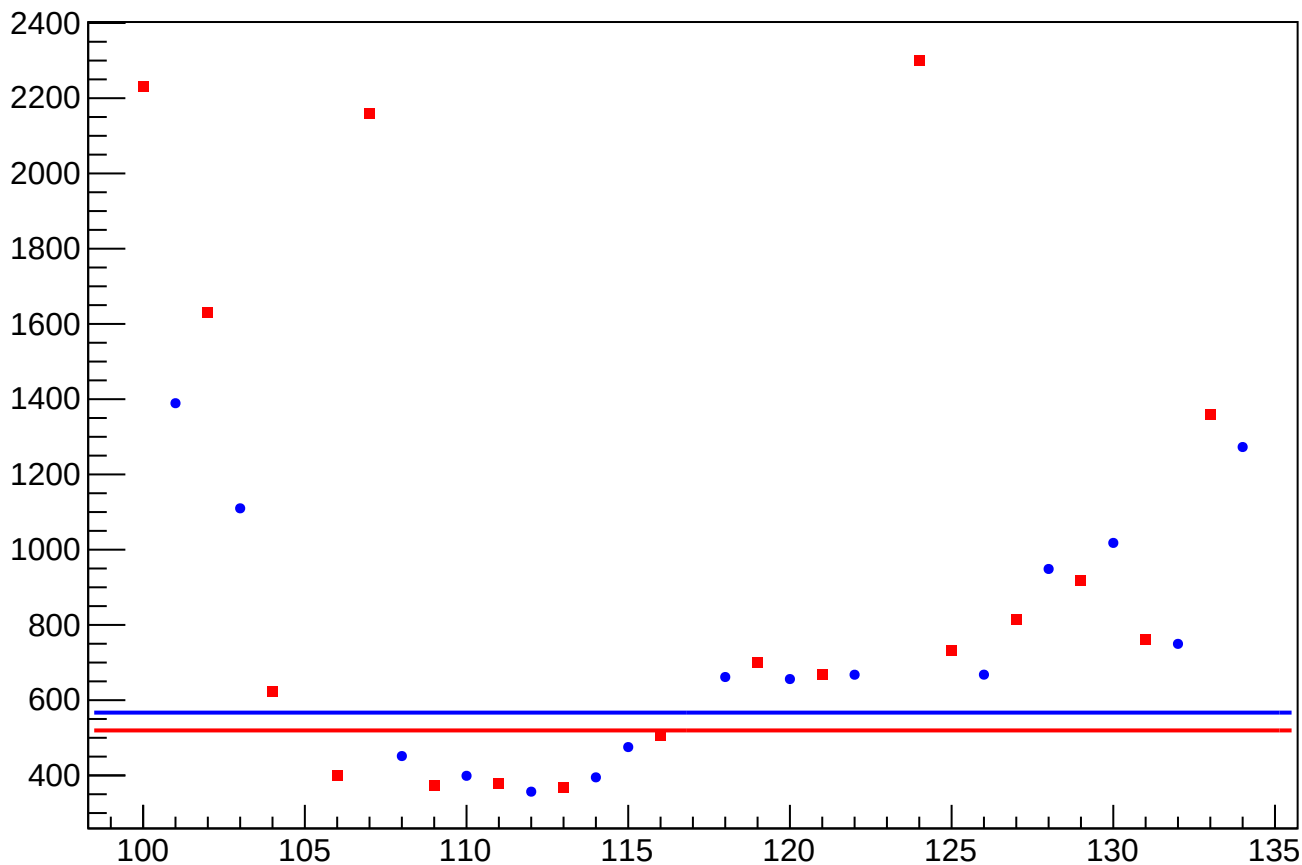
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -223.753 $\pm$ 167.810 χ^2 /NDF: 27.0/31

- 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: 519.572+/-0.161 χ^2/NDF : 2444739.8/16

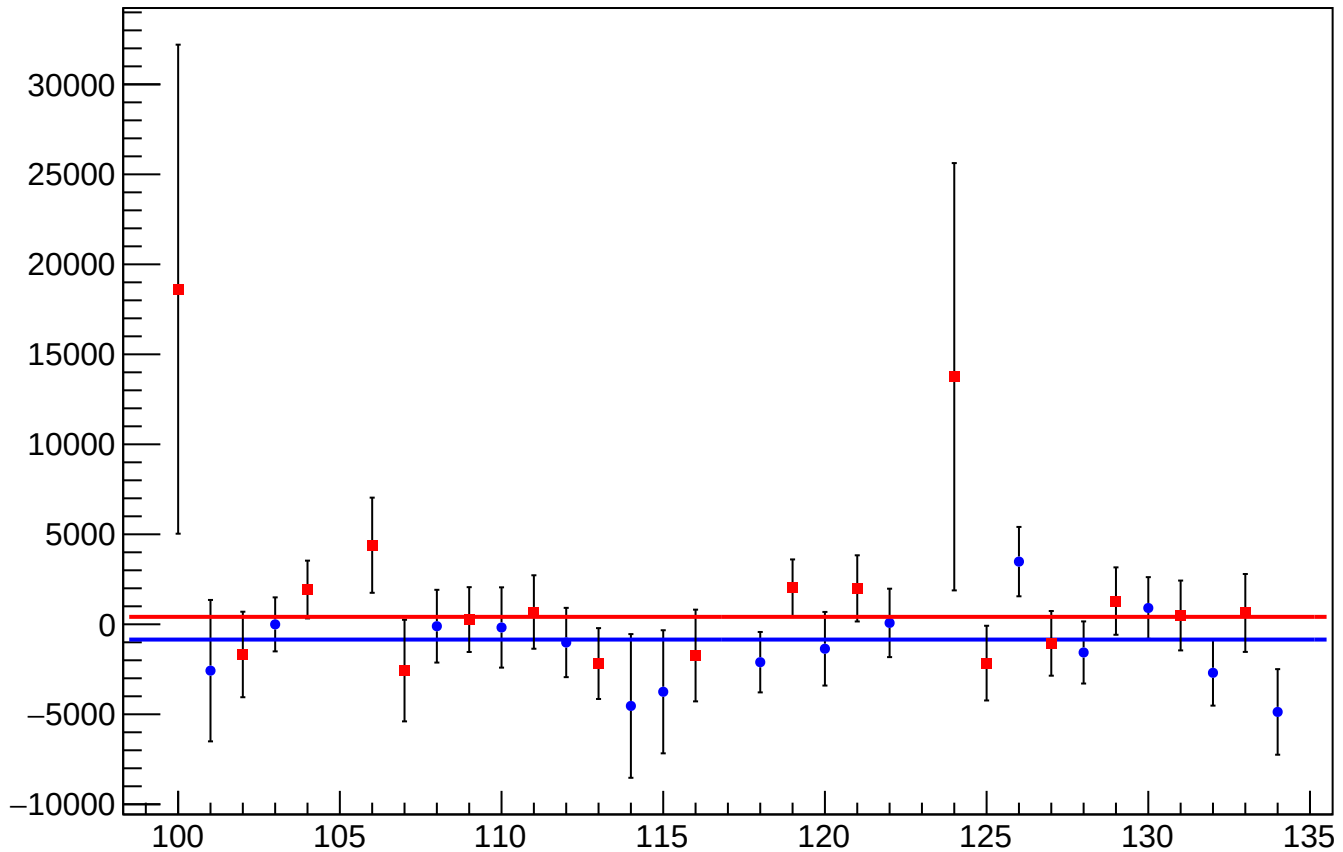
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.248+/-0.119 χ^2/NDF : 4501907.4/31

- 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+/-522.196 χ^2/NDF : 13.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 413.469+/-512.399 χ^2/NDF : 14.8/16

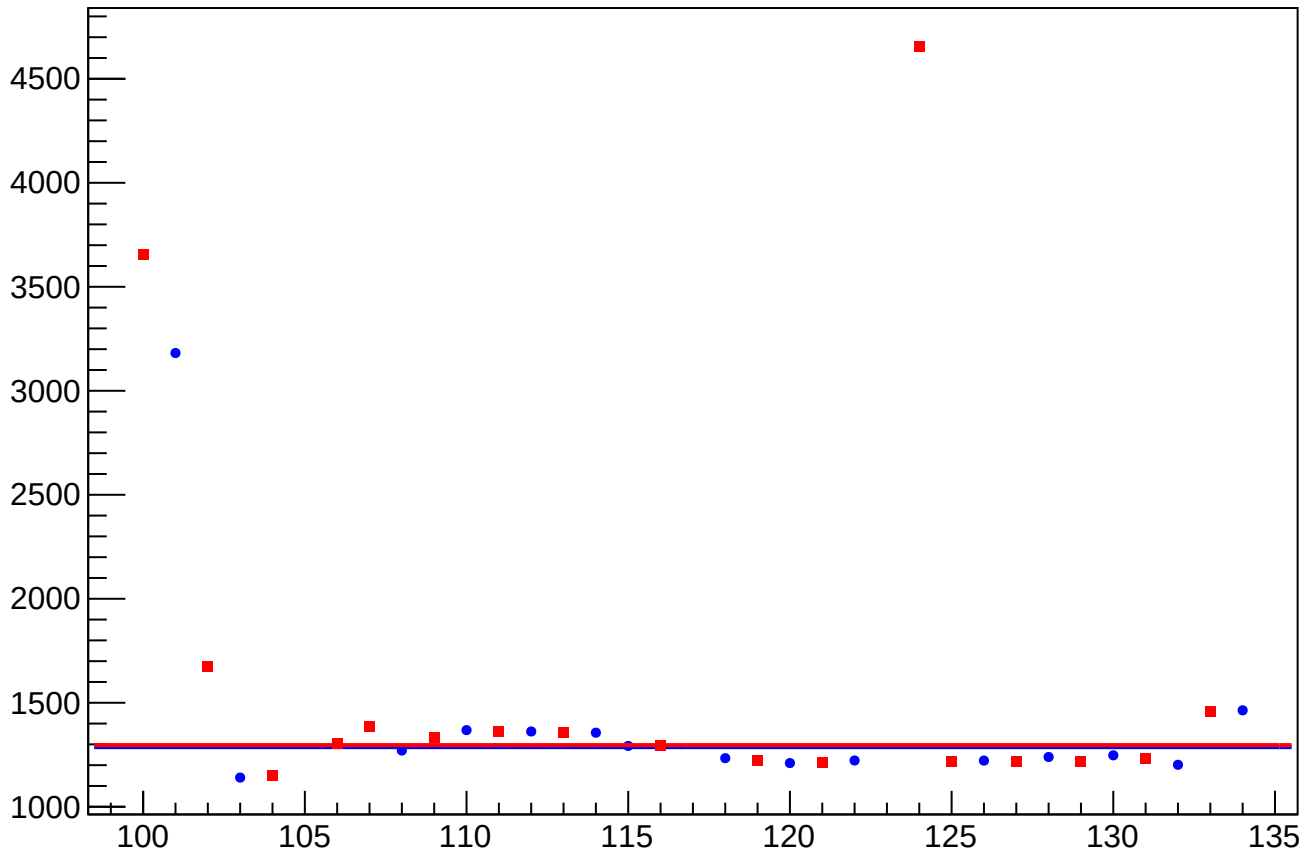
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -205.396+/-365.735 χ^2/NDF : 31.1/31

- sign 0.000+/-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: 1296.539+/-0.362 χ^2/NDF : 327520.9/16

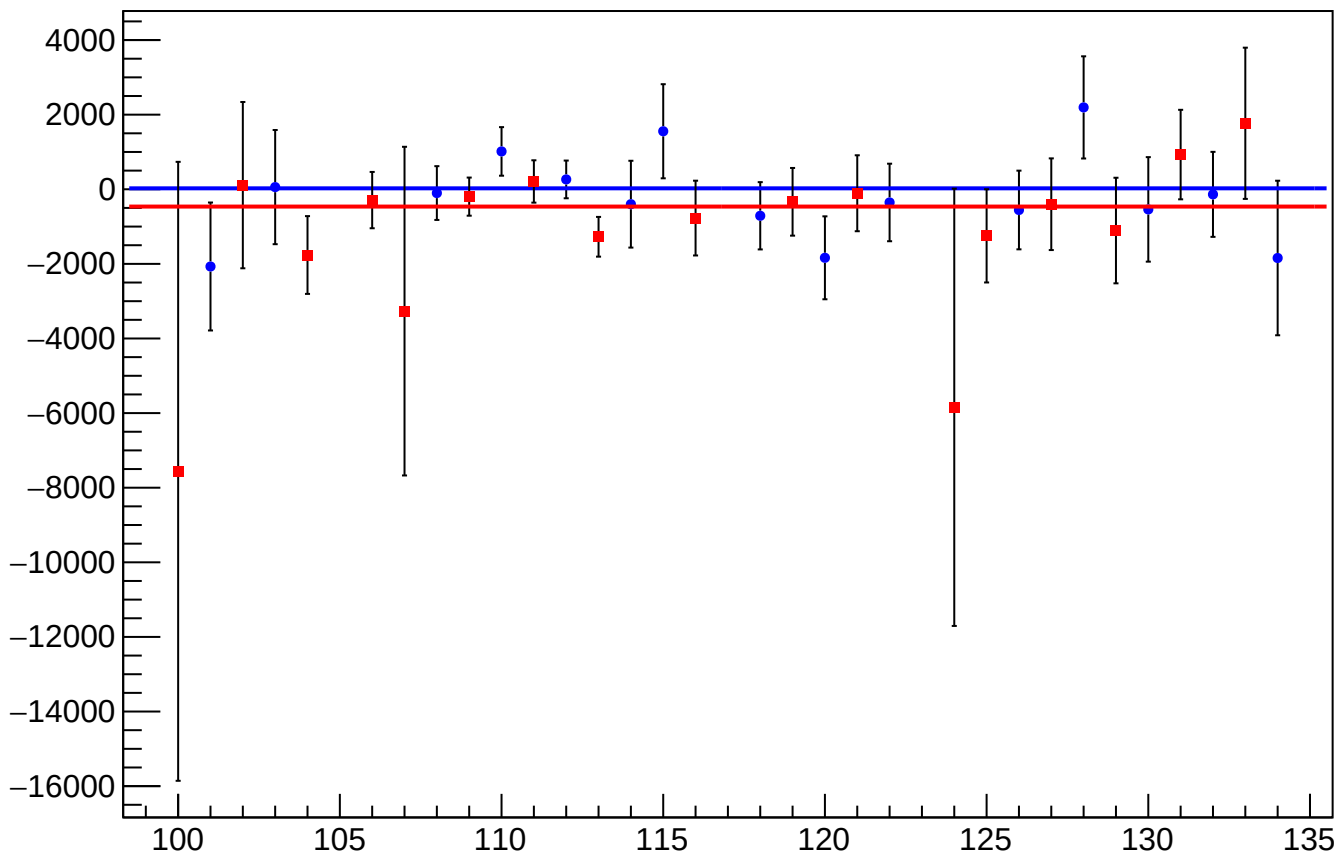
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.651+/-0.259 χ^2/NDF : 846007.2/31

- 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: -463.749+/-227.363 χ^2/NDF : 11.0/16

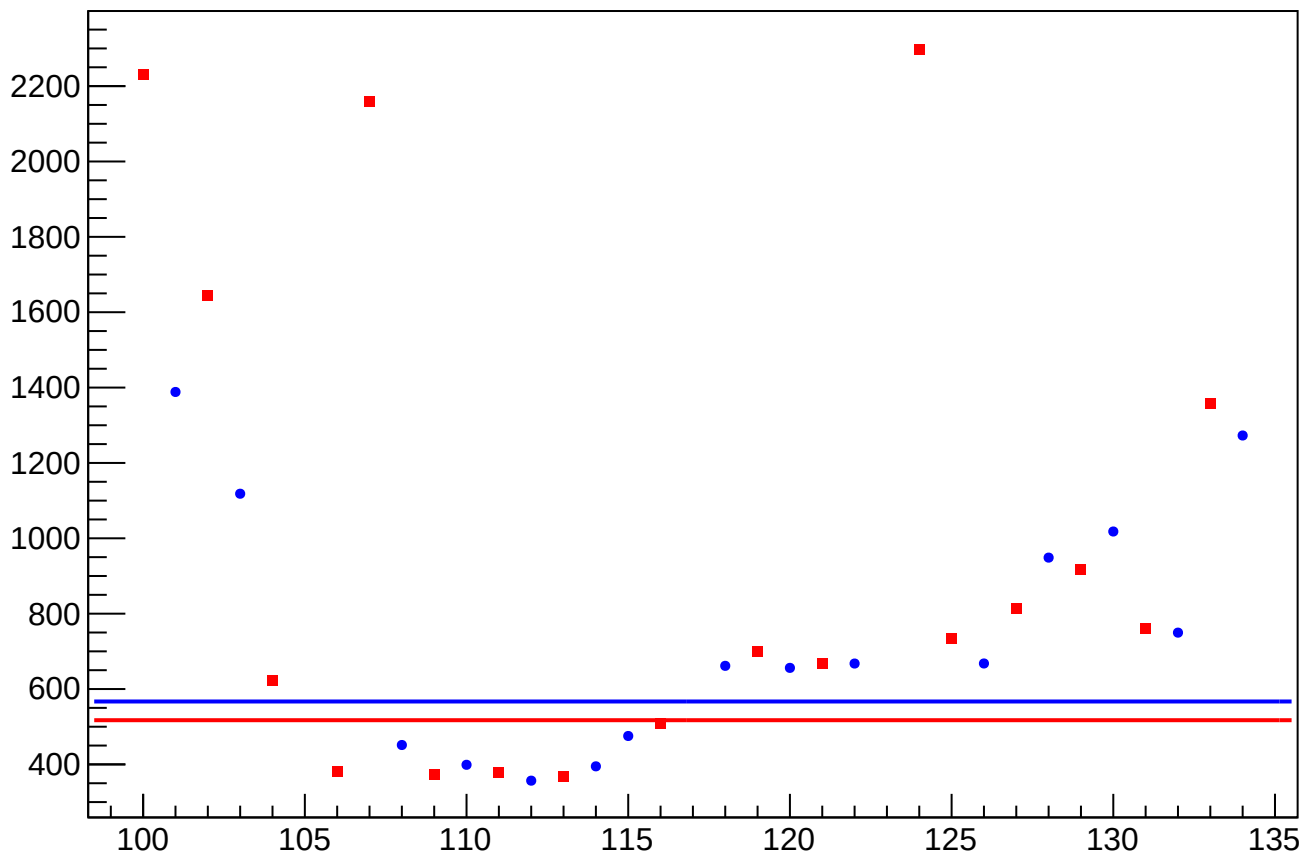
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -240.592+/-167.630 χ^2/NDF : 26.2/31

- 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: 517.287+/-0.161 χ^2/NDF : 2471265.9/16

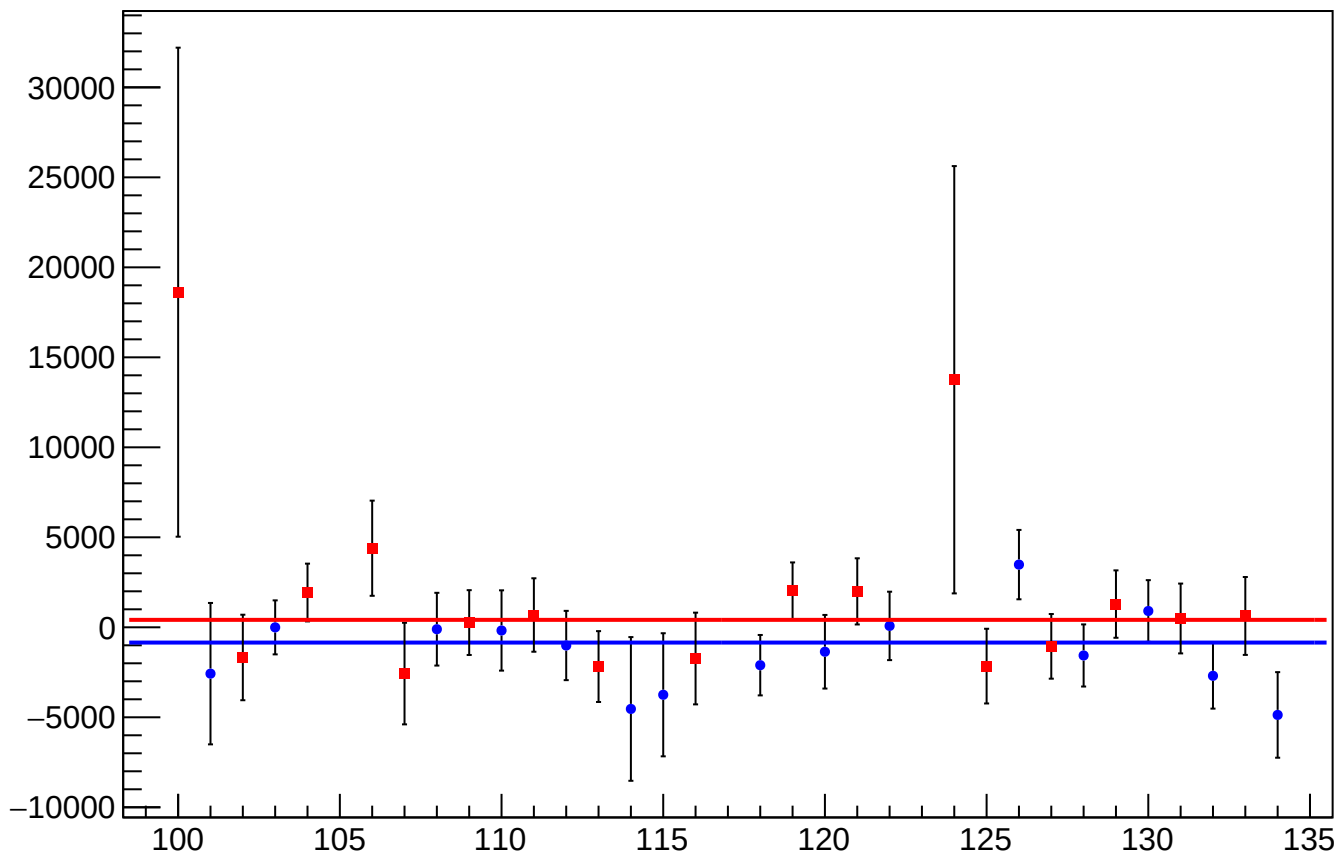
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 539.959+/-0.119 χ^2/NDF : 4536101.7/31

- 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: 413.469+/-512.399 χ^2/NDF : 14.8/16

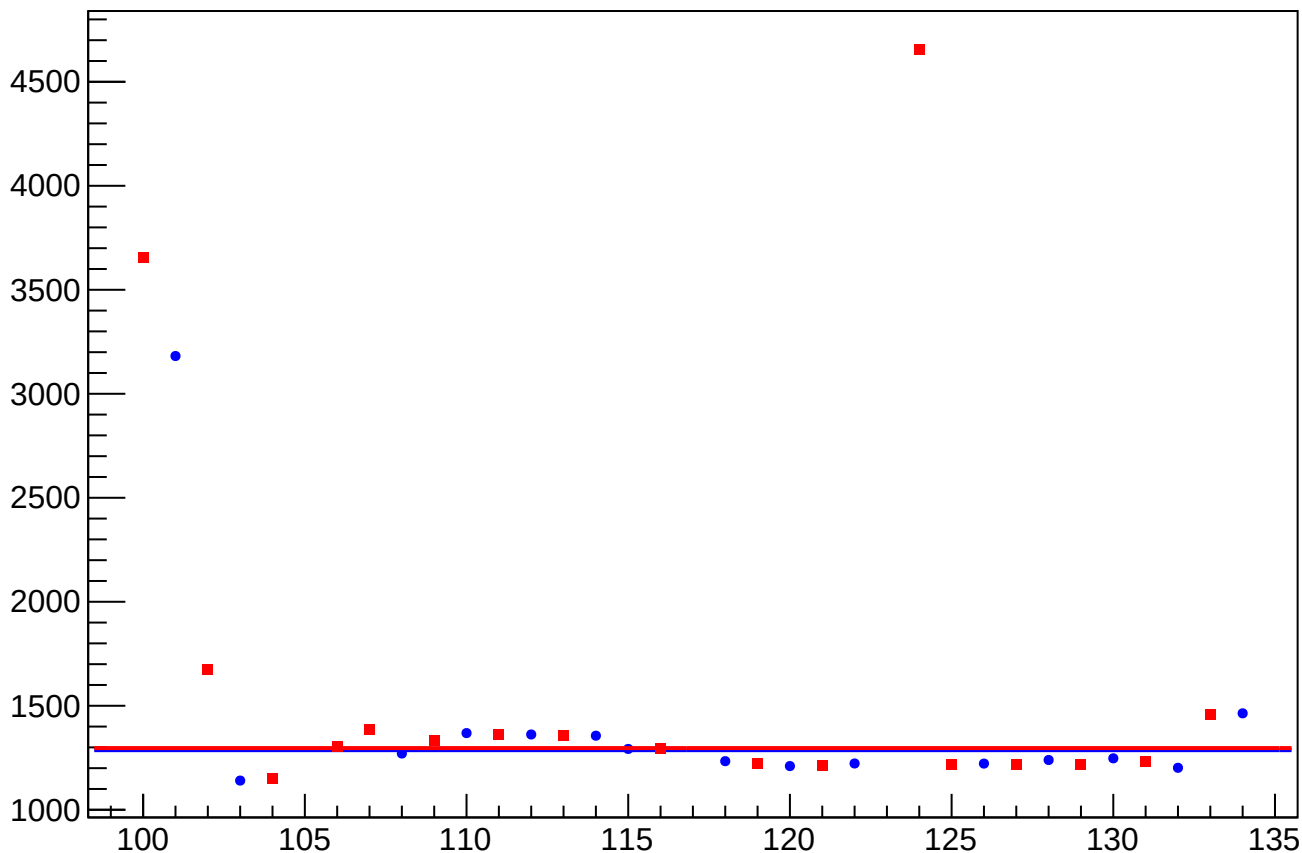
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -205.396+/-365.735 χ^2/NDF : 31.1/31

- 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: 1296.539+/-0.362 χ^2/NDF : 327520.9/16

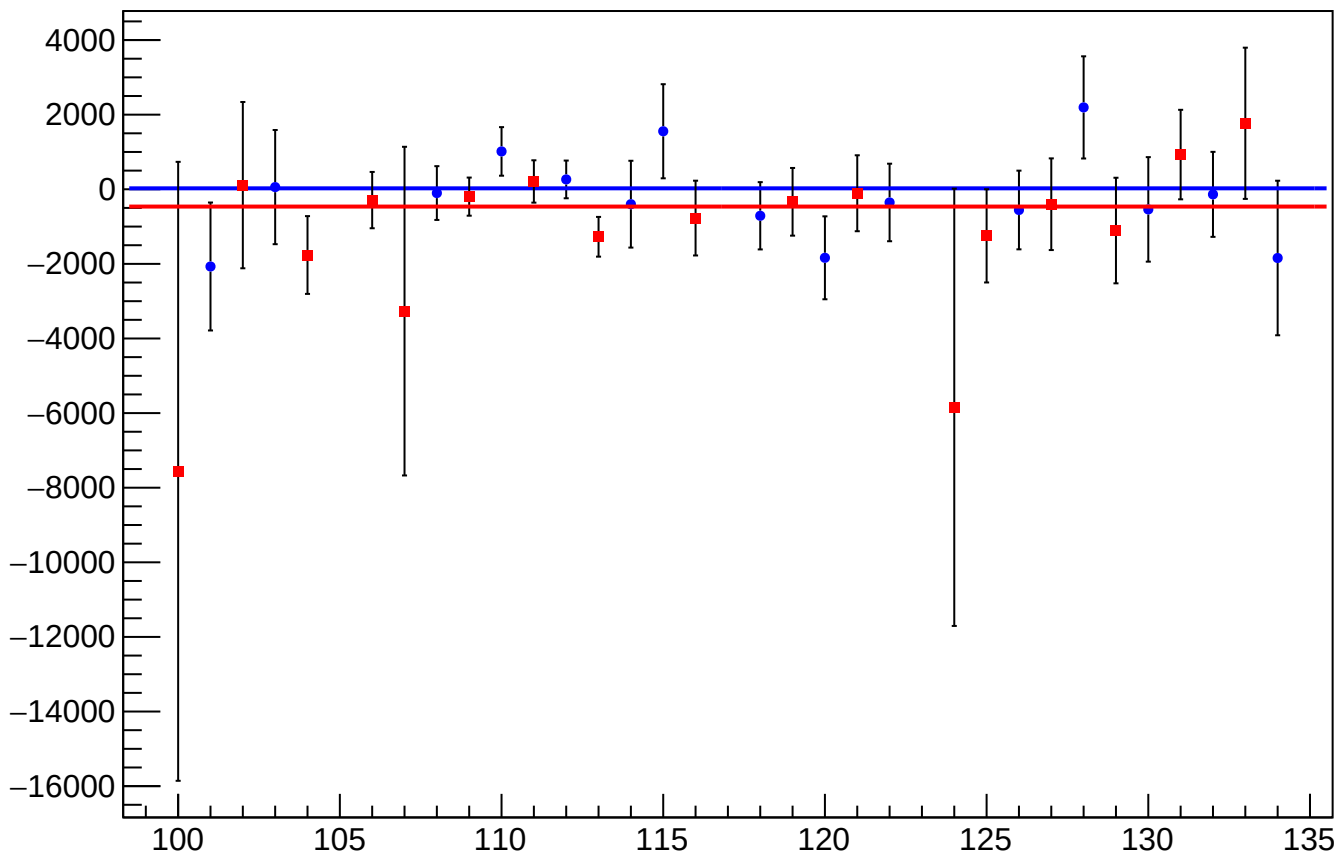
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.651+/-0.259 χ^2/NDF : 846007.2/31

- 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 $\chi^2/\text{NDF}: 13.1/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -463.749 ± 227.363 $\chi^2/\text{NDF}: 11.0/16$

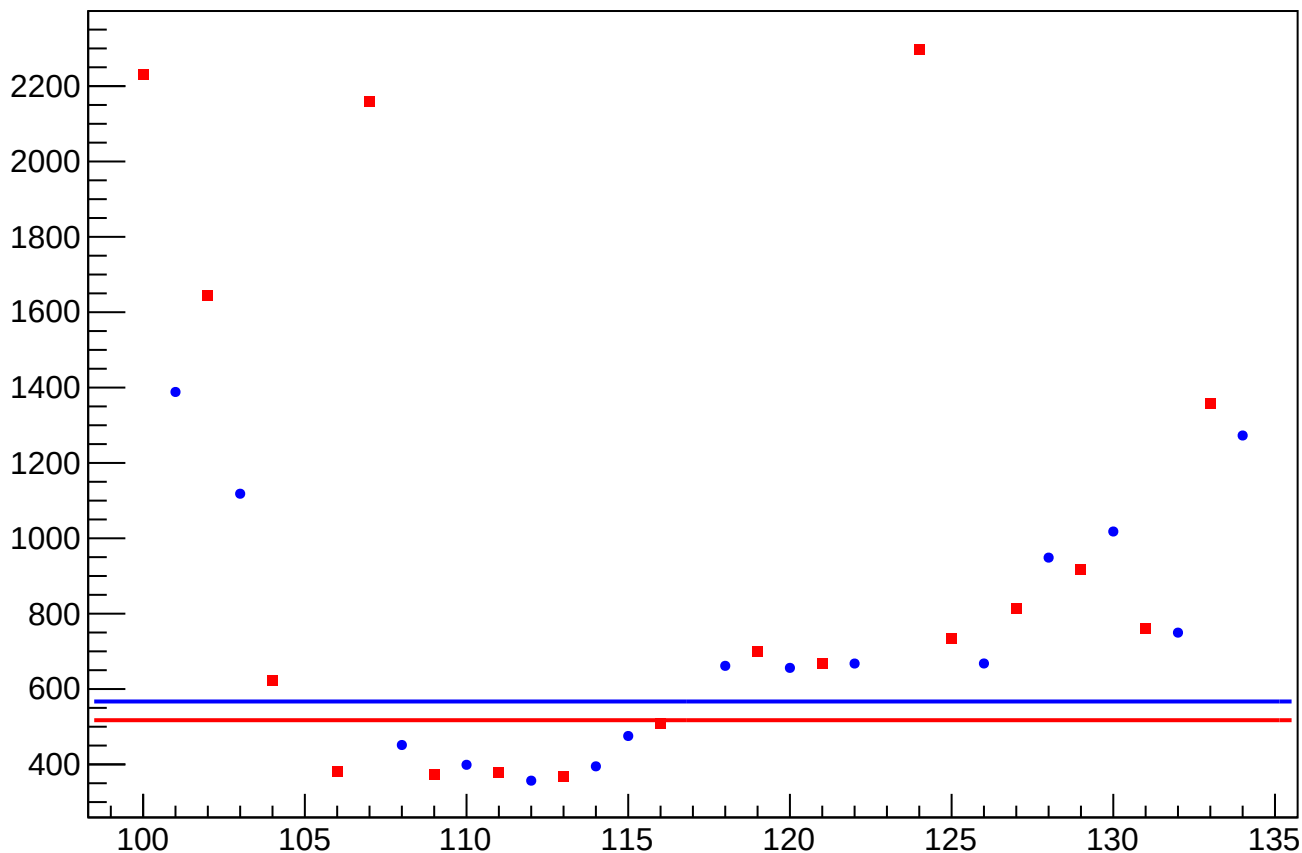
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -240.592 ± 167.630 $\chi^2/\text{NDF}: 26.2/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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

Right Out: 517.287+/-0.161 χ^2/NDF : 2471265.9/16

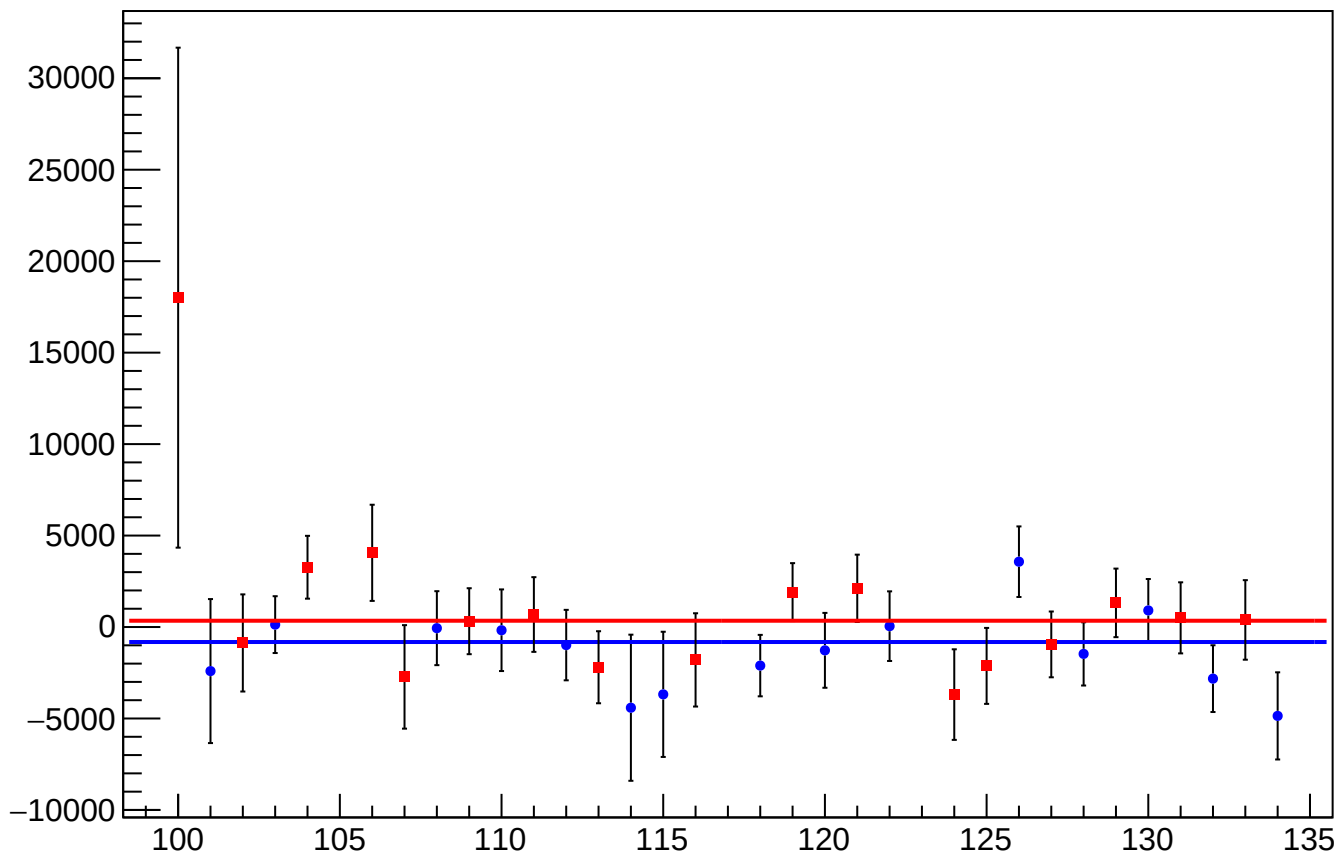
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 539.959+/-0.119 χ^2/NDF : 4536101.7/31

- sign 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: 344.103+/-508.049 χ^2/NDF : 17.1/16

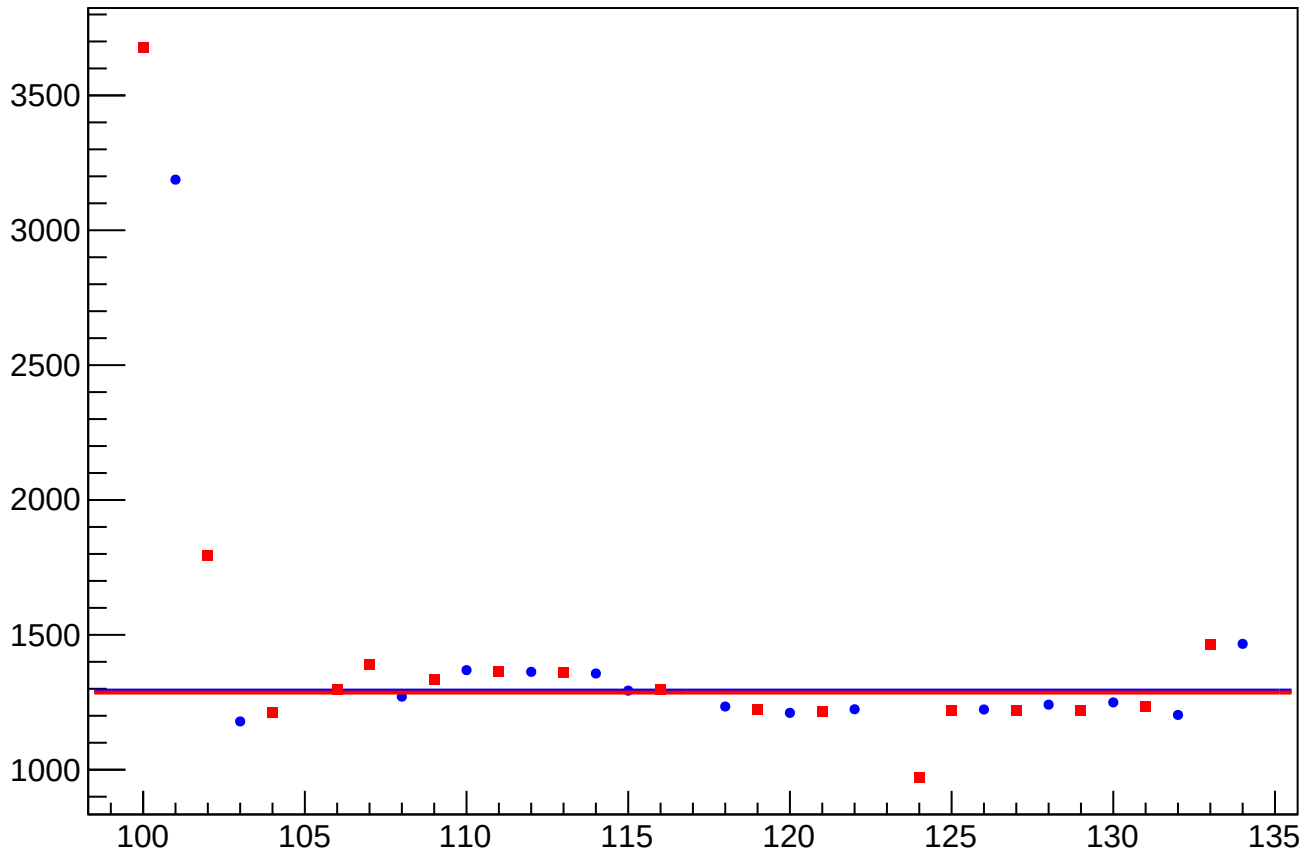
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -218.712+/-365.025 χ^2/NDF : 33.2/31

- 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

Right Out: 1286.078+/-0.359 χ^2/NDF : 208756.4/16

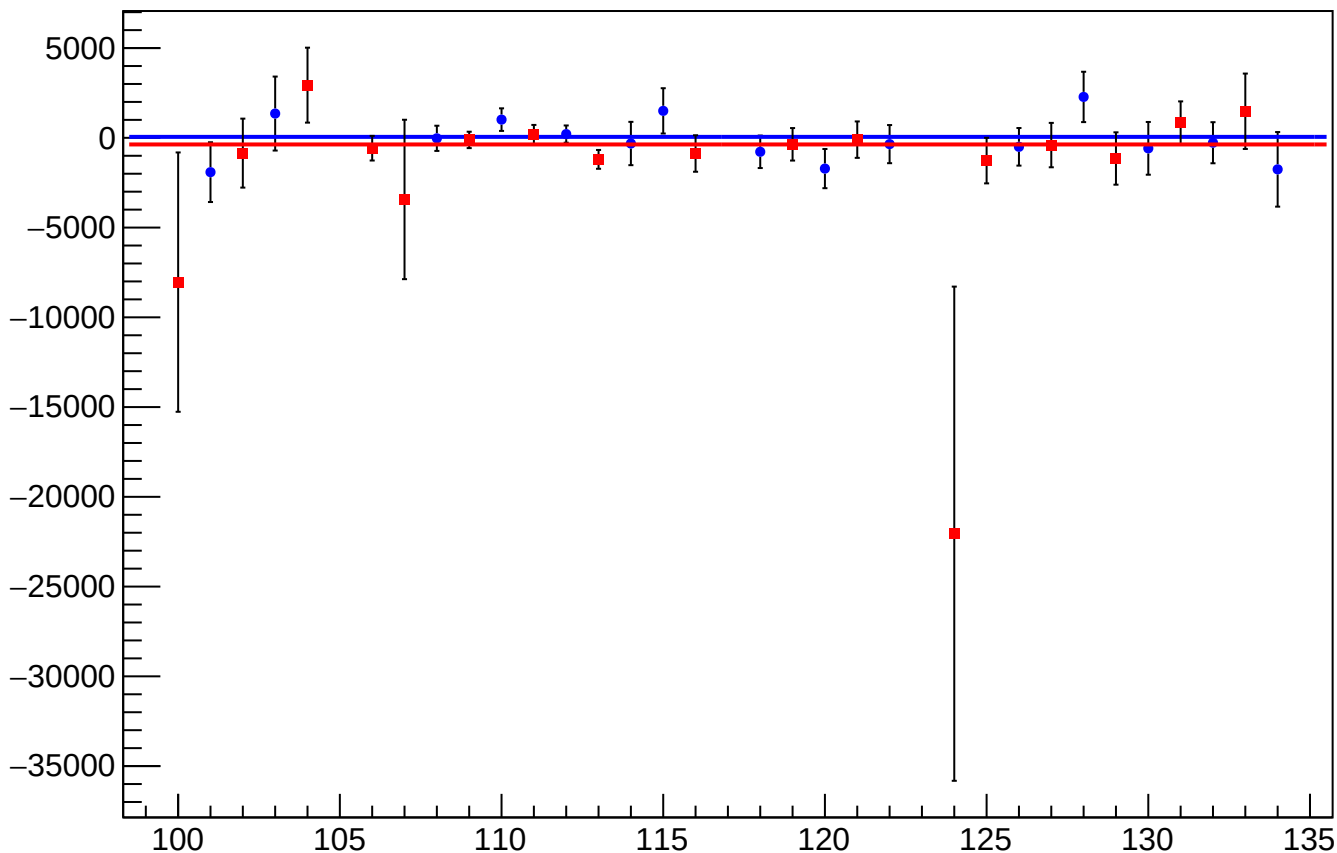
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.581+/-0.258 χ^2/NDF : 718267.2/31

- 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: -369.222 $\pm$ 220.983 χ^2 /NDF: 13.5/16

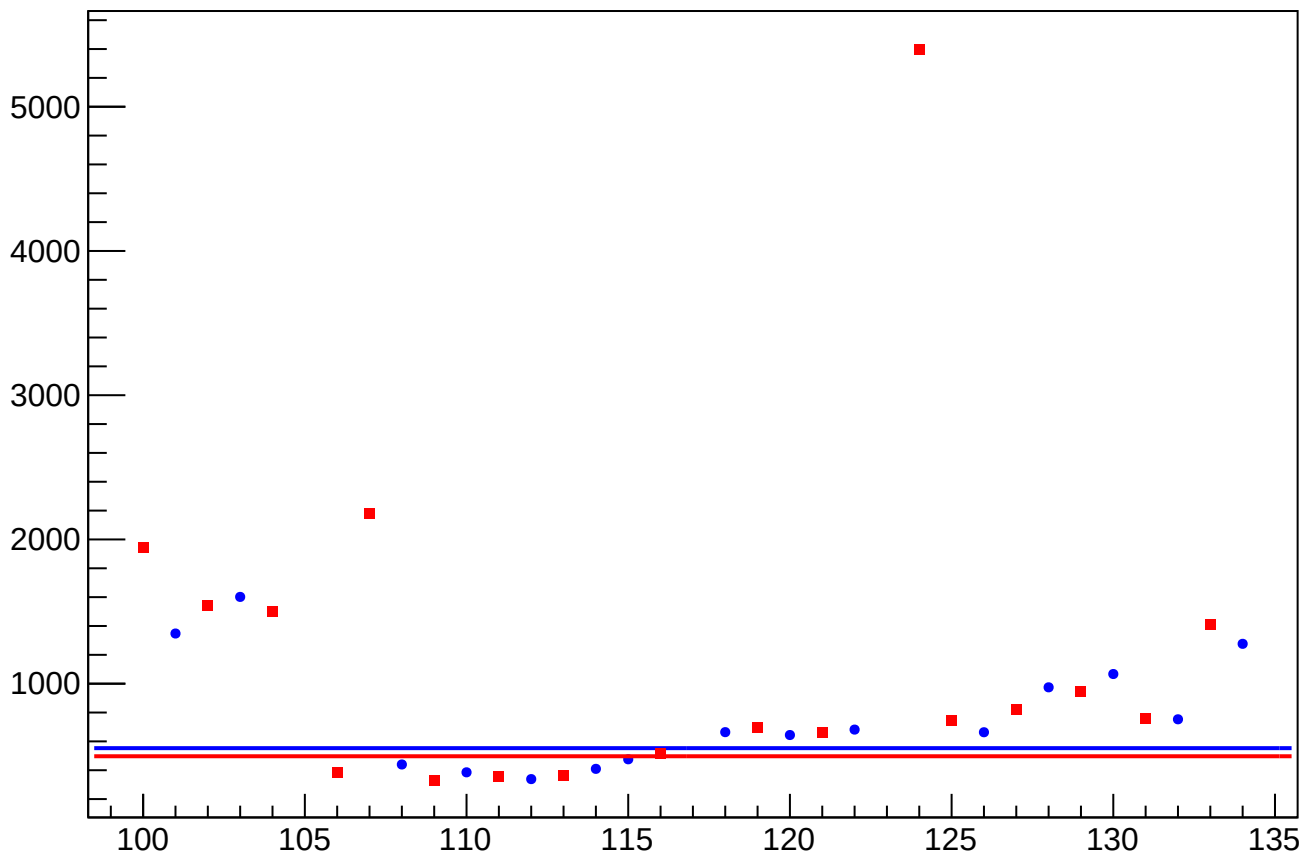
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -179.910 $\pm$ 164.139 χ^2 /NDF: 28.3/31

- 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: 496.853+/-0.156 χ^2/NDF : 3304215.7/16

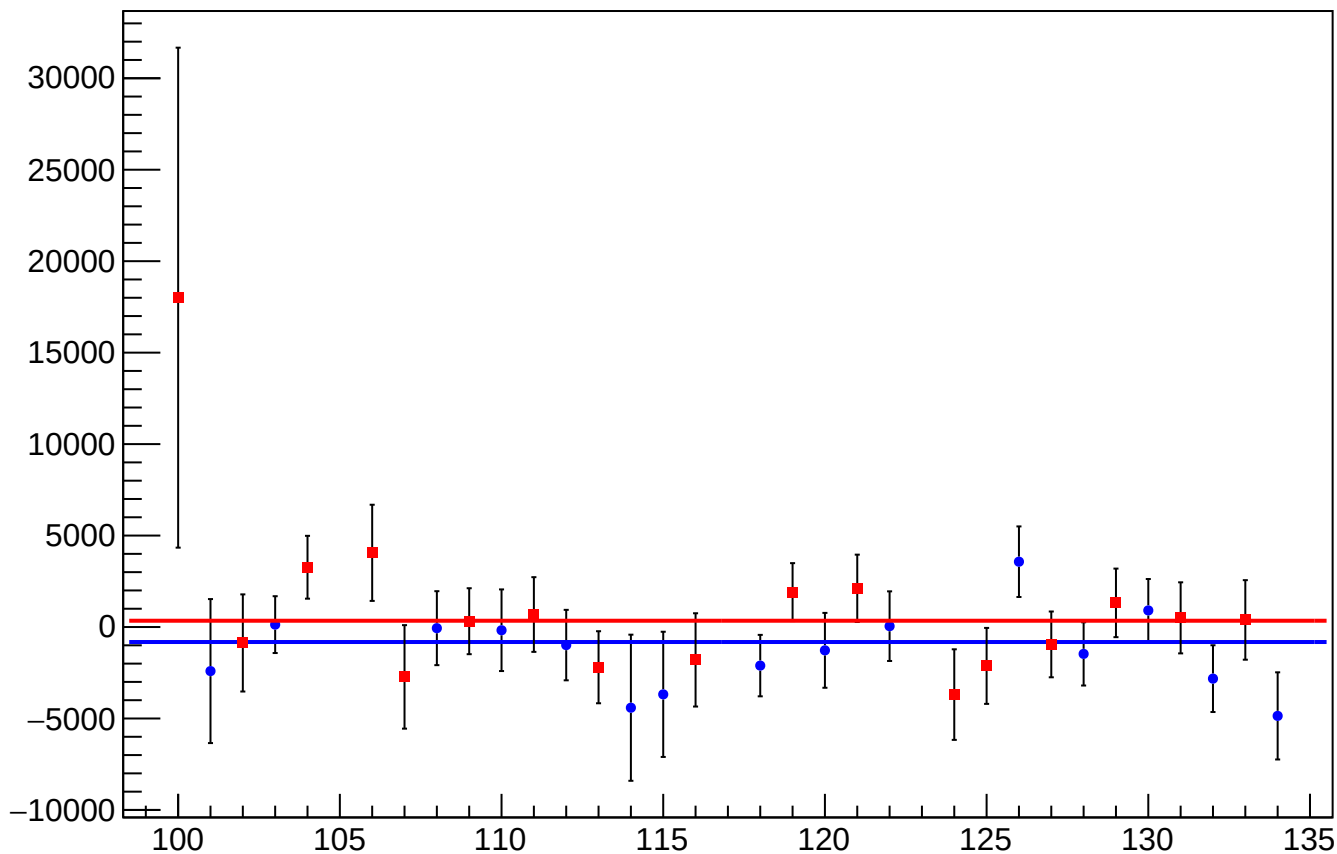
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.050+/-0.116 χ^2/NDF : 5790551.4/31

- 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: 344.103+/-508.049 χ^2/NDF : 17.1/16

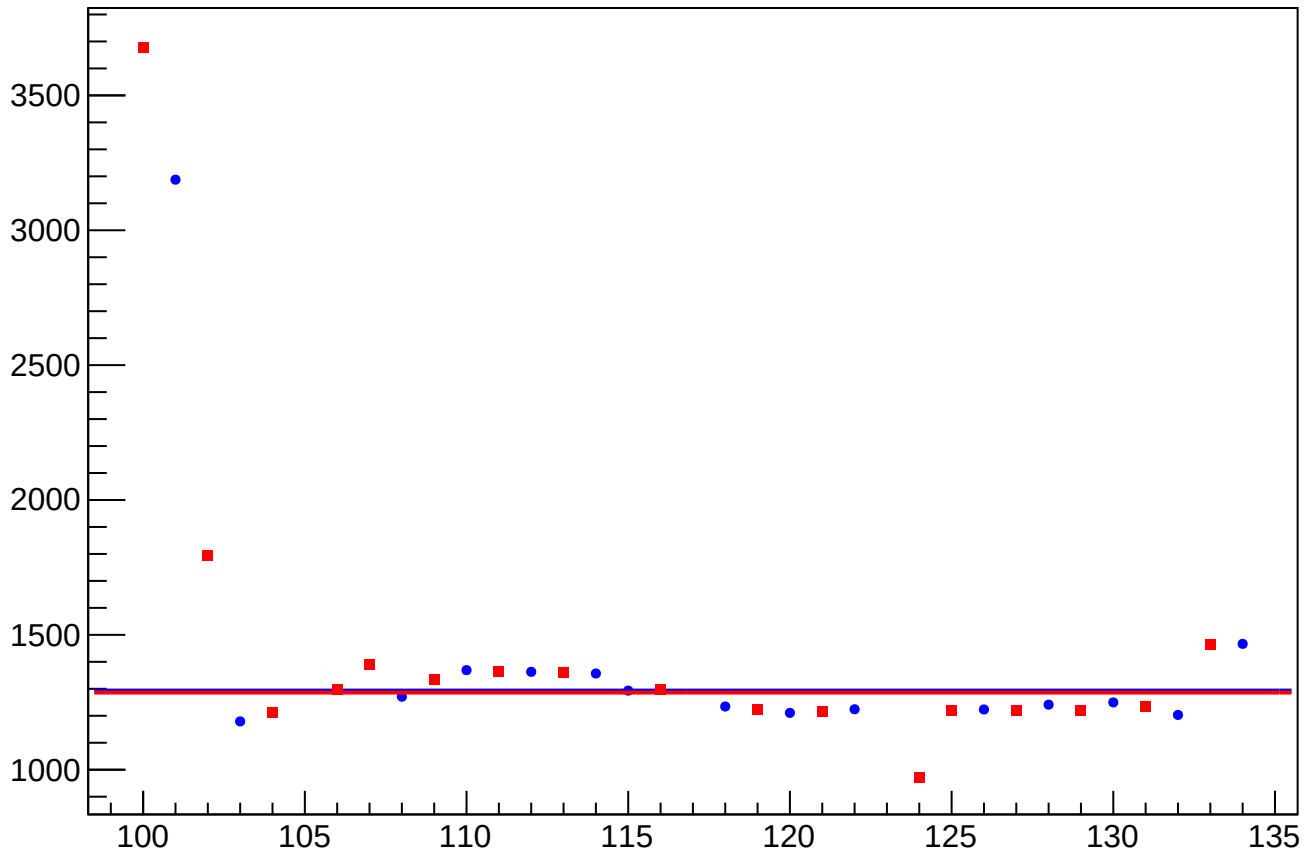
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -218.710+/-365.025 χ^2/NDF : 33.2/31

- 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

Right Out: 1286.078+/-0.359 χ^2/NDF : 208756.7/16

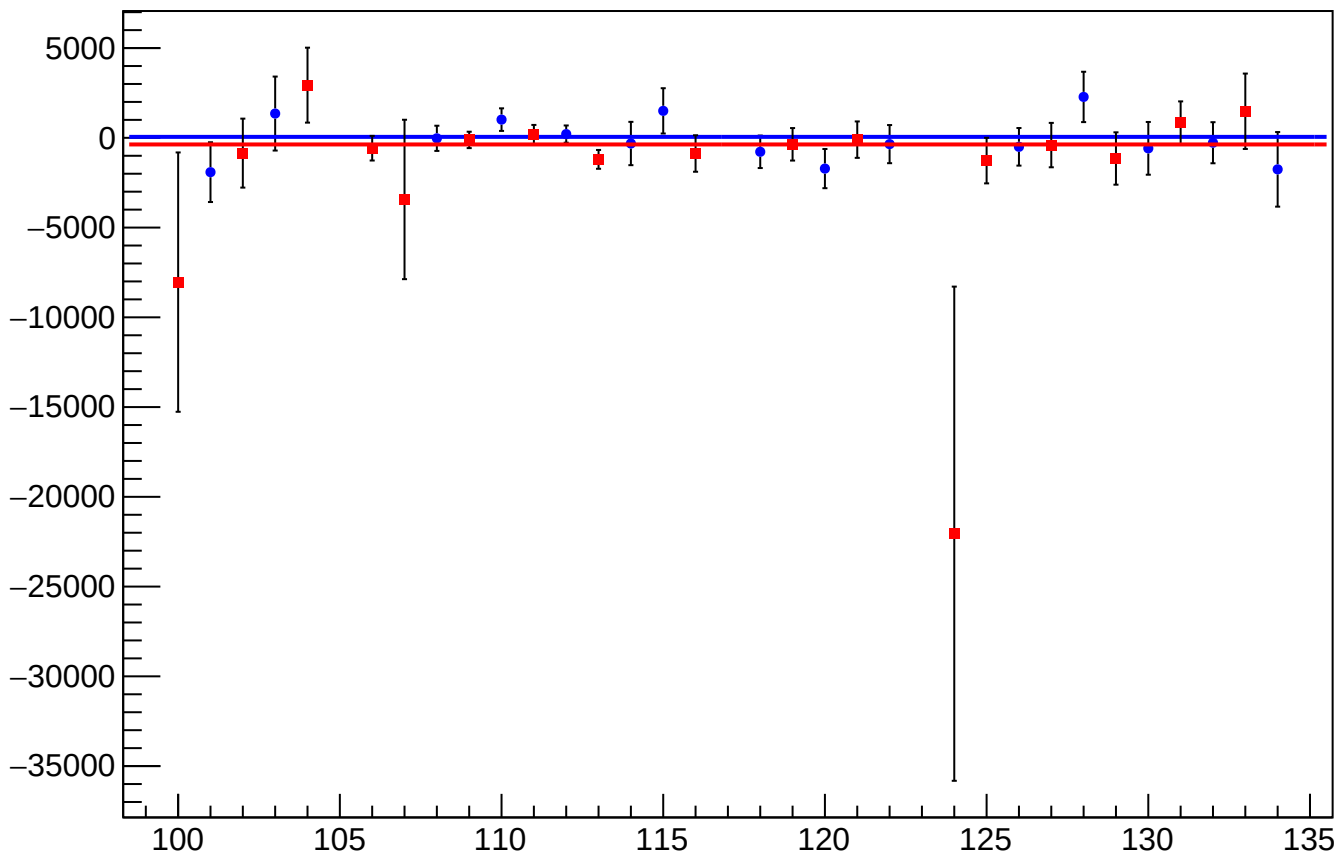
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.581+/-0.258 χ^2/NDF : 718267.5/31

- sign 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: -369.221 $\pm$ 220.983 χ^2 /NDF: 13.5/16

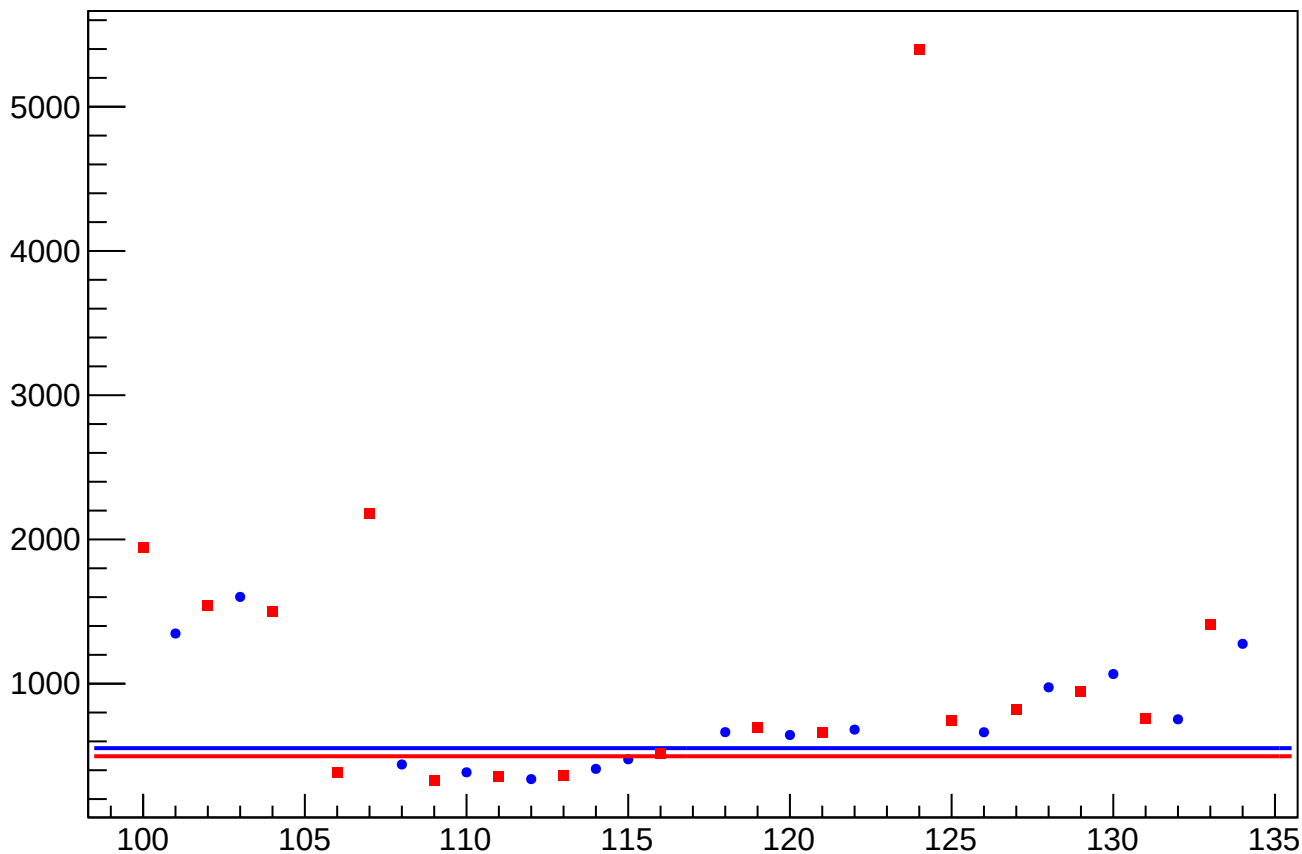
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -179.909 $\pm$ 164.138 χ^2 /NDF: 28.3/31

- 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: 496.851+/-0.156 χ^2/NDF : 3304223.2/16

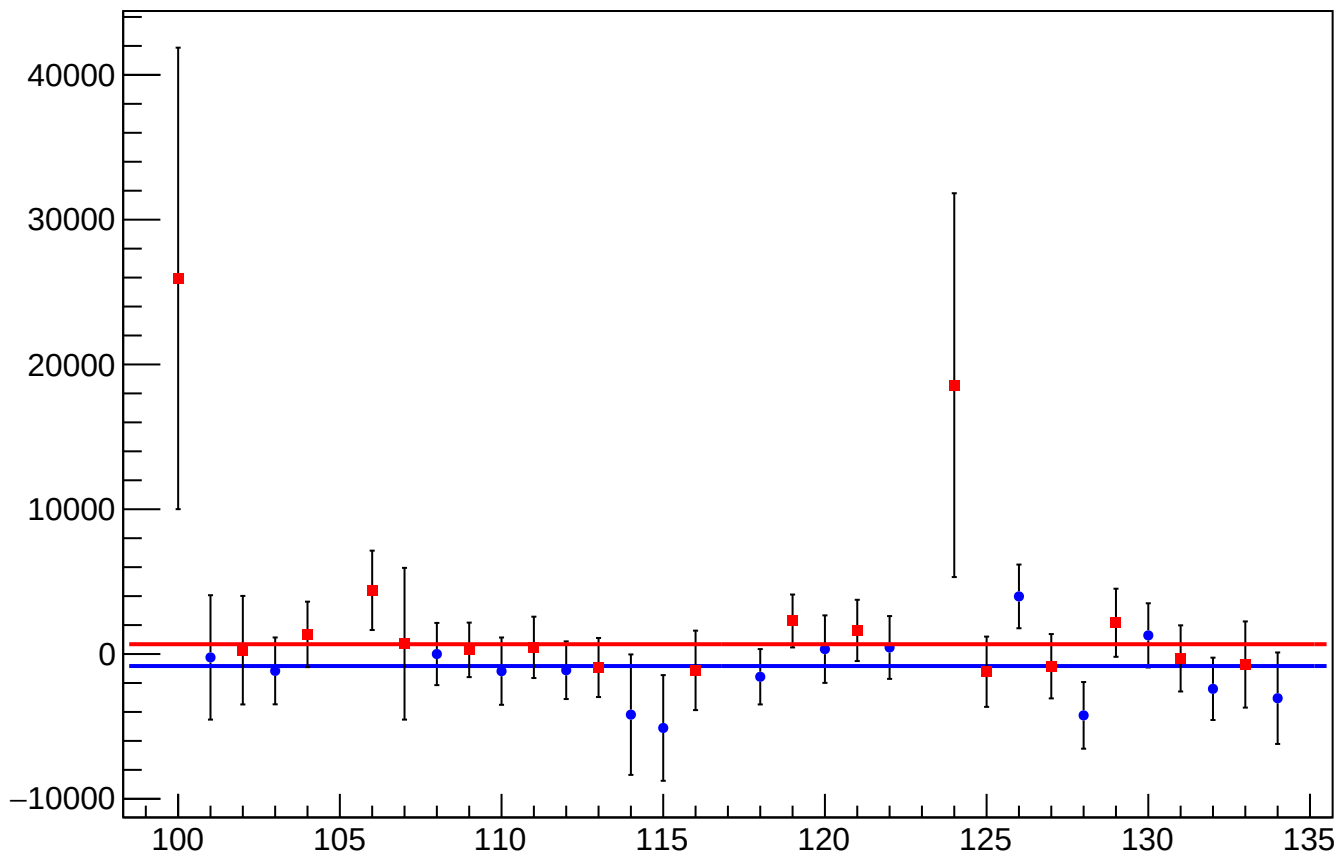
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.048+/-0.116 χ^2/NDF : 5790563.5/31

- 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: 678.558+/-607.974 χ^2/NDF : 10.2/16

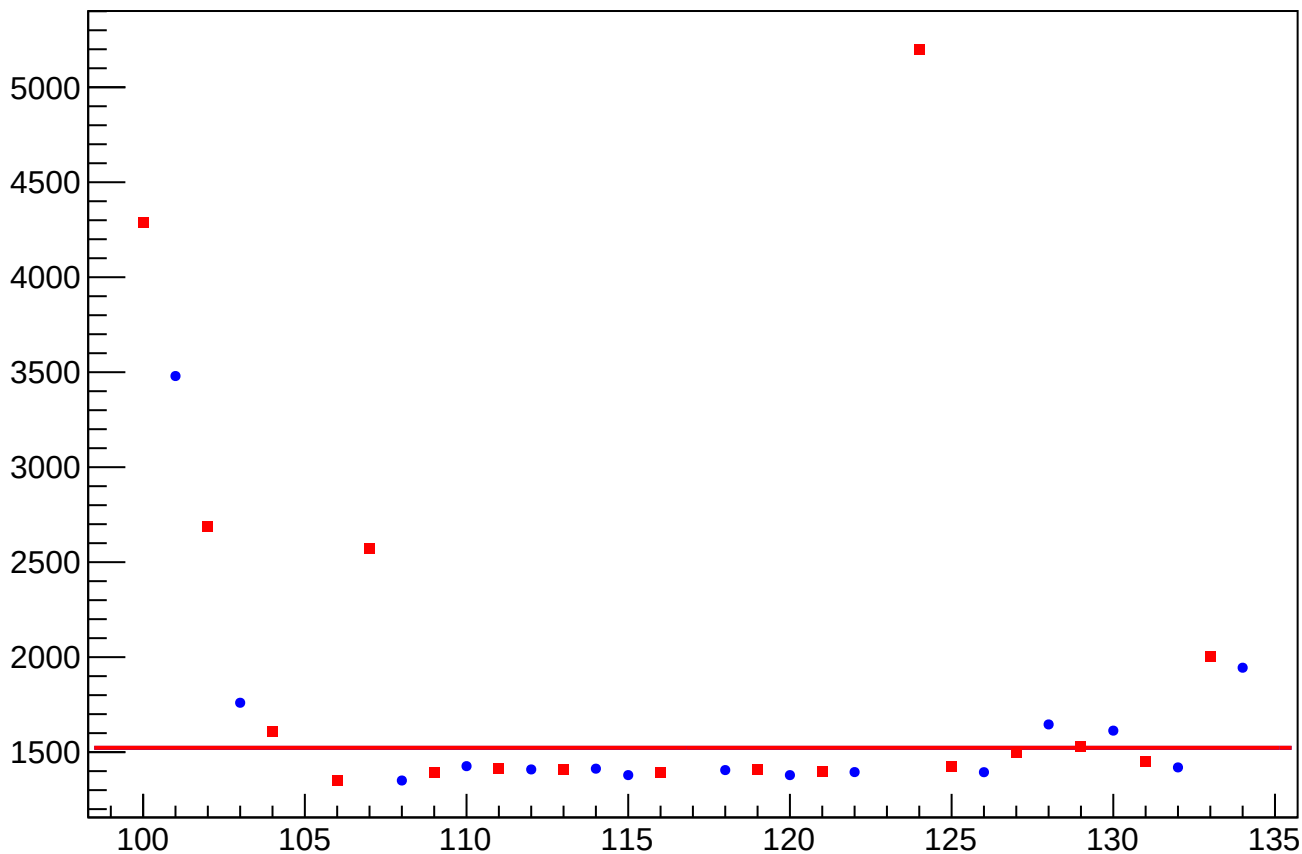
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -62.243+/-433.596 χ^2/NDF : 25.2/31

- 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

Right Out: 1523.038+/-0.430 χ^2/NDF : 594813.3/16

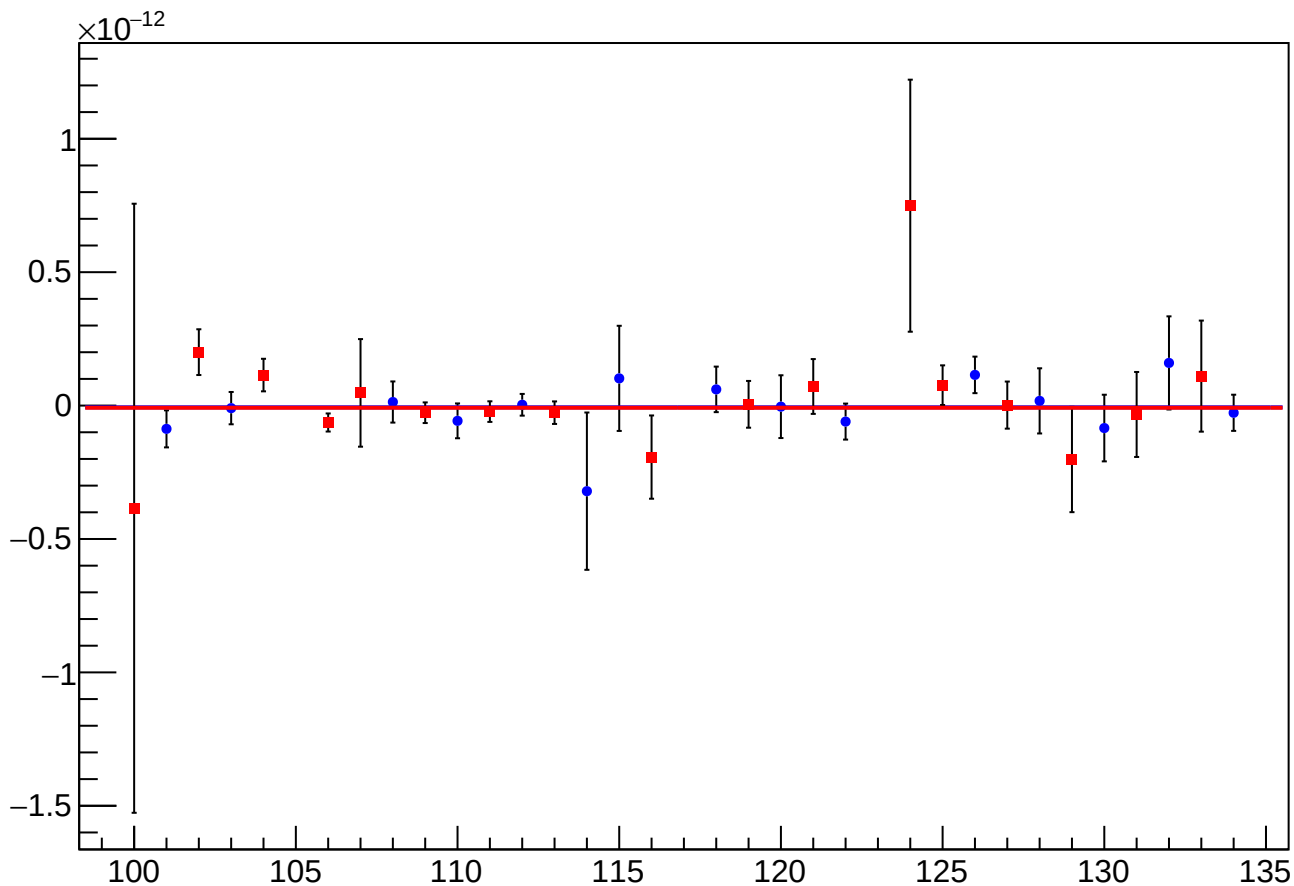
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1522.719+/-0.307 χ^2/NDF : 1136528.9/31

- sign 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 $\pm$ 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: 20.6/16

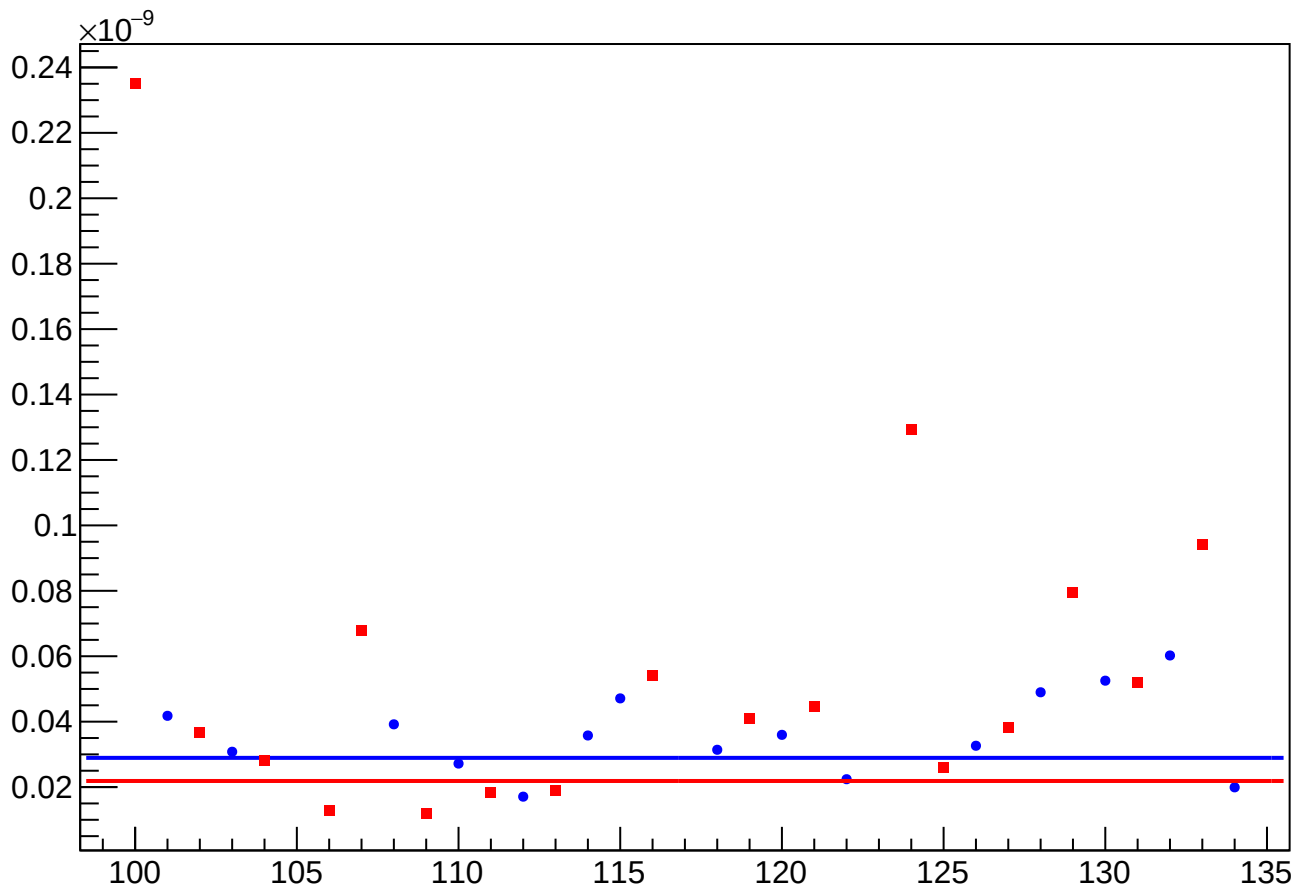
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 29.9/31

- sign 0.000 $\pm$ 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 $\pm$ 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: 1500598.7/16

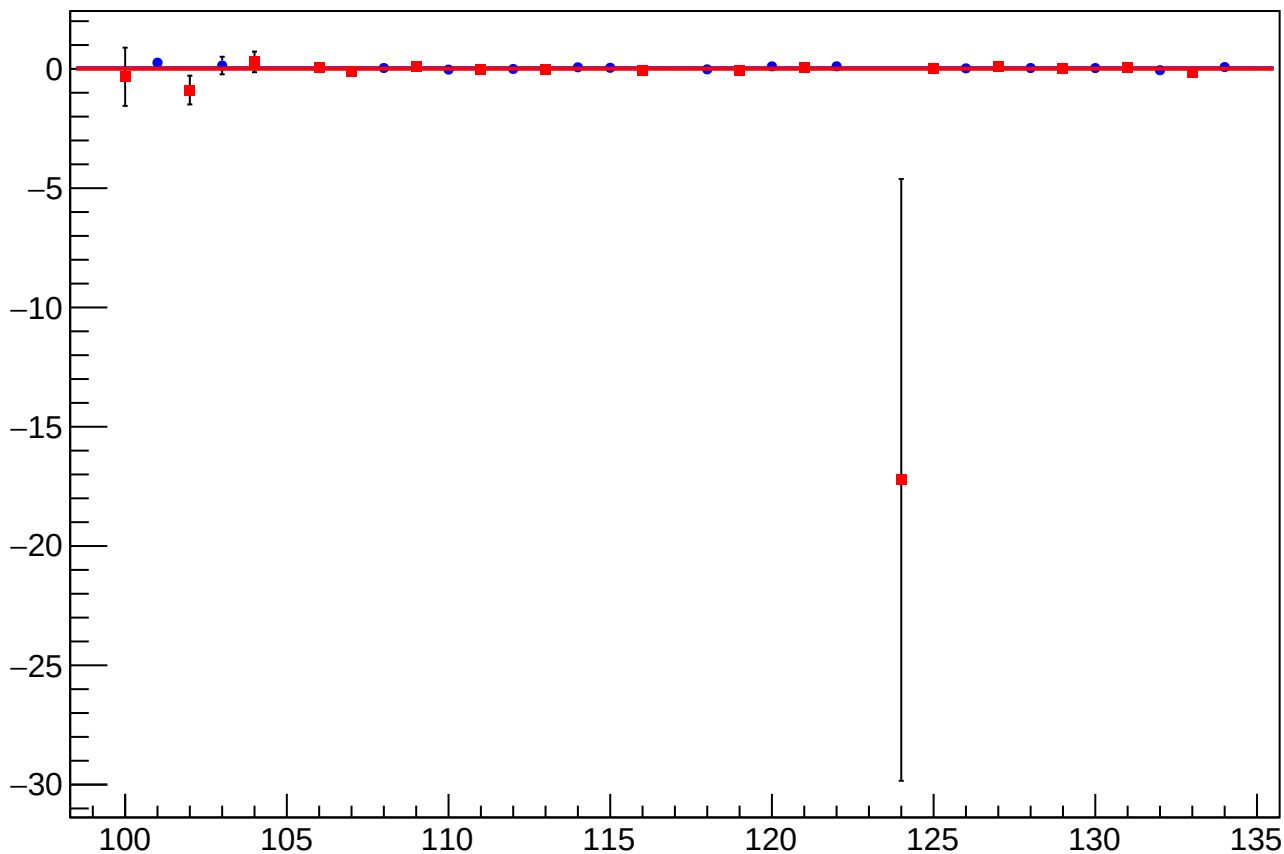
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2207603.6/31

- sign 0.000 $\pm$ 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: 0.010 $\pm$ 0.018 χ^2 /NDF: 15.8/16

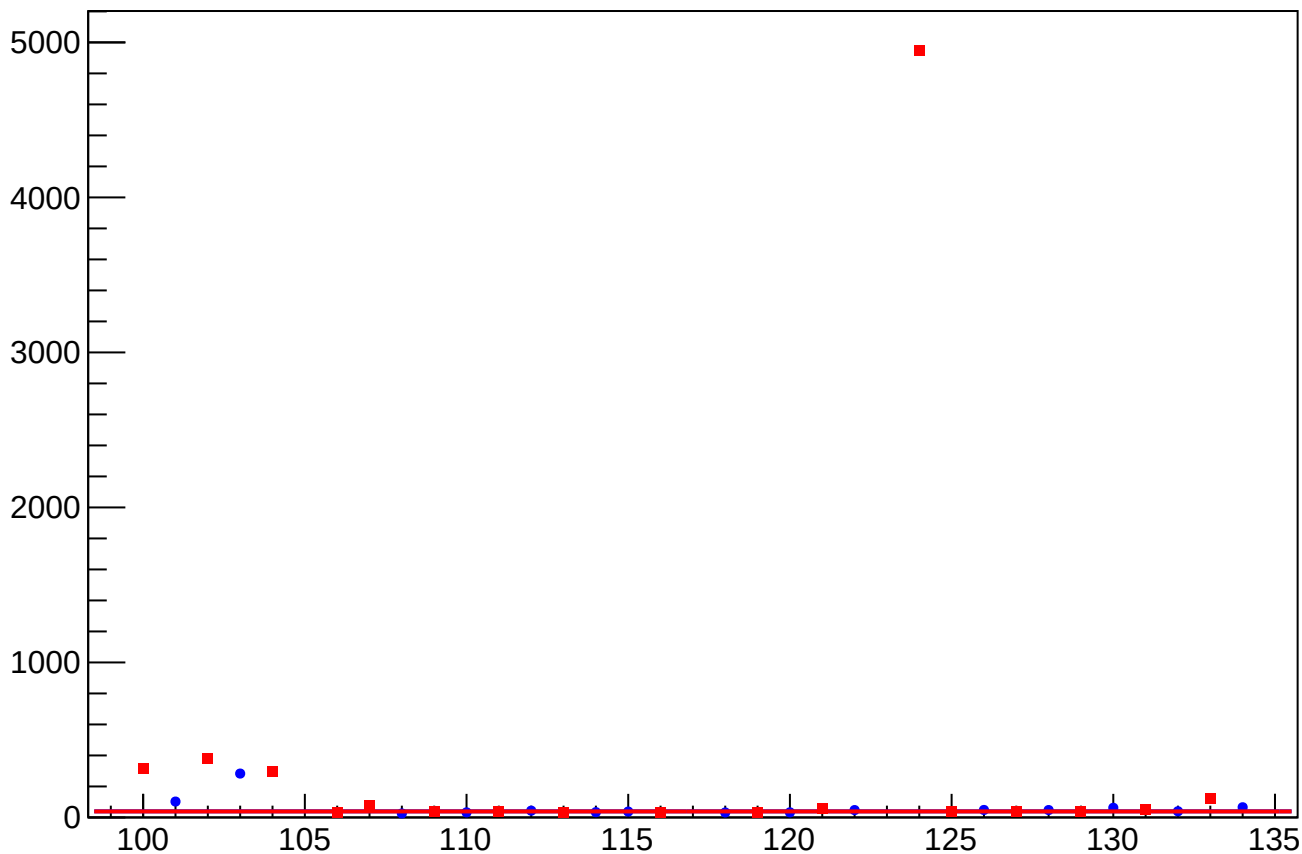
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.013 χ^2 /NDF: 26.5/31

- 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: 38.919 $\pm$ 0.013 χ^2 /NDF: 2491876.4/16

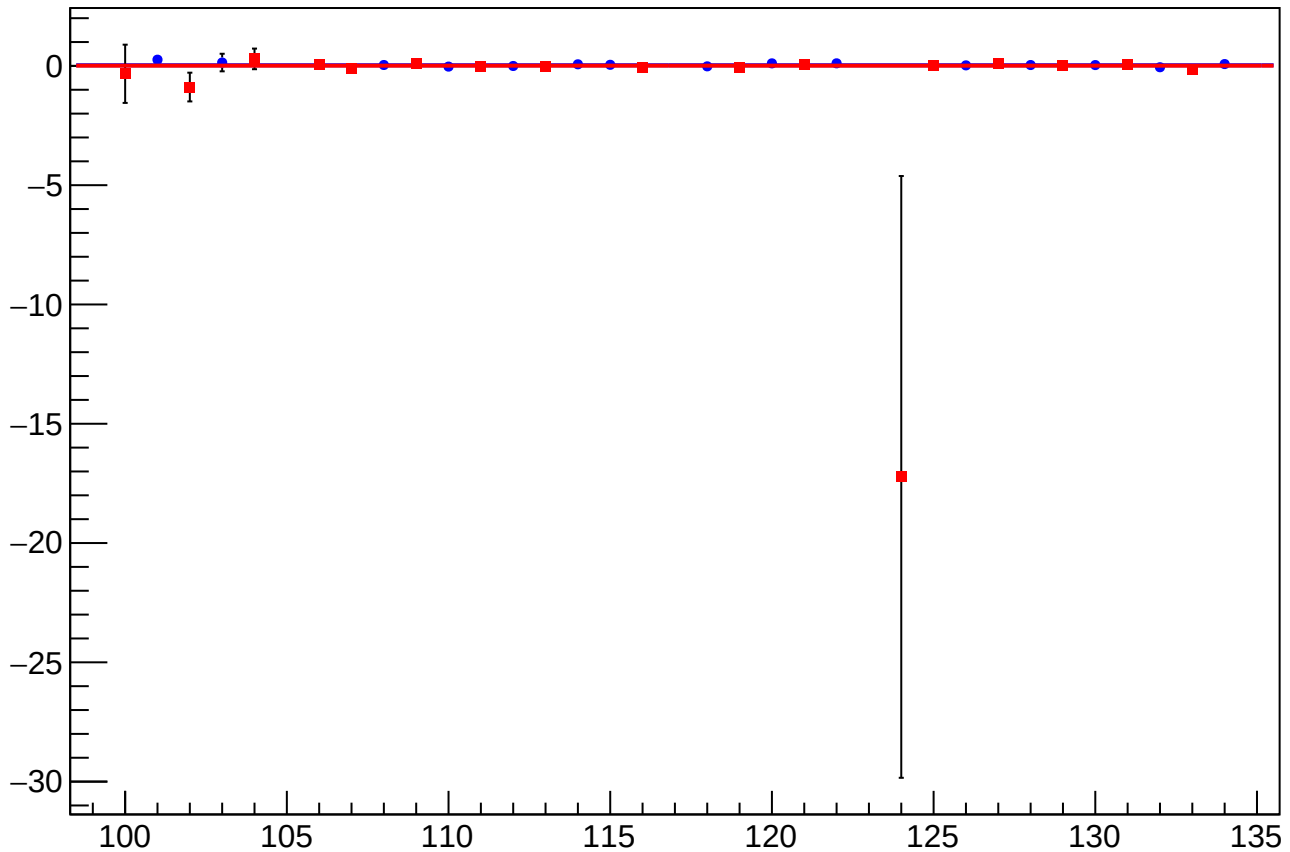
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.225 $\pm$ 0.009 χ^2 /NDF: 4430590.1/31

- 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+/-0.018 χ^2/NDF : 10.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.018 χ^2/NDF : 15.8/16

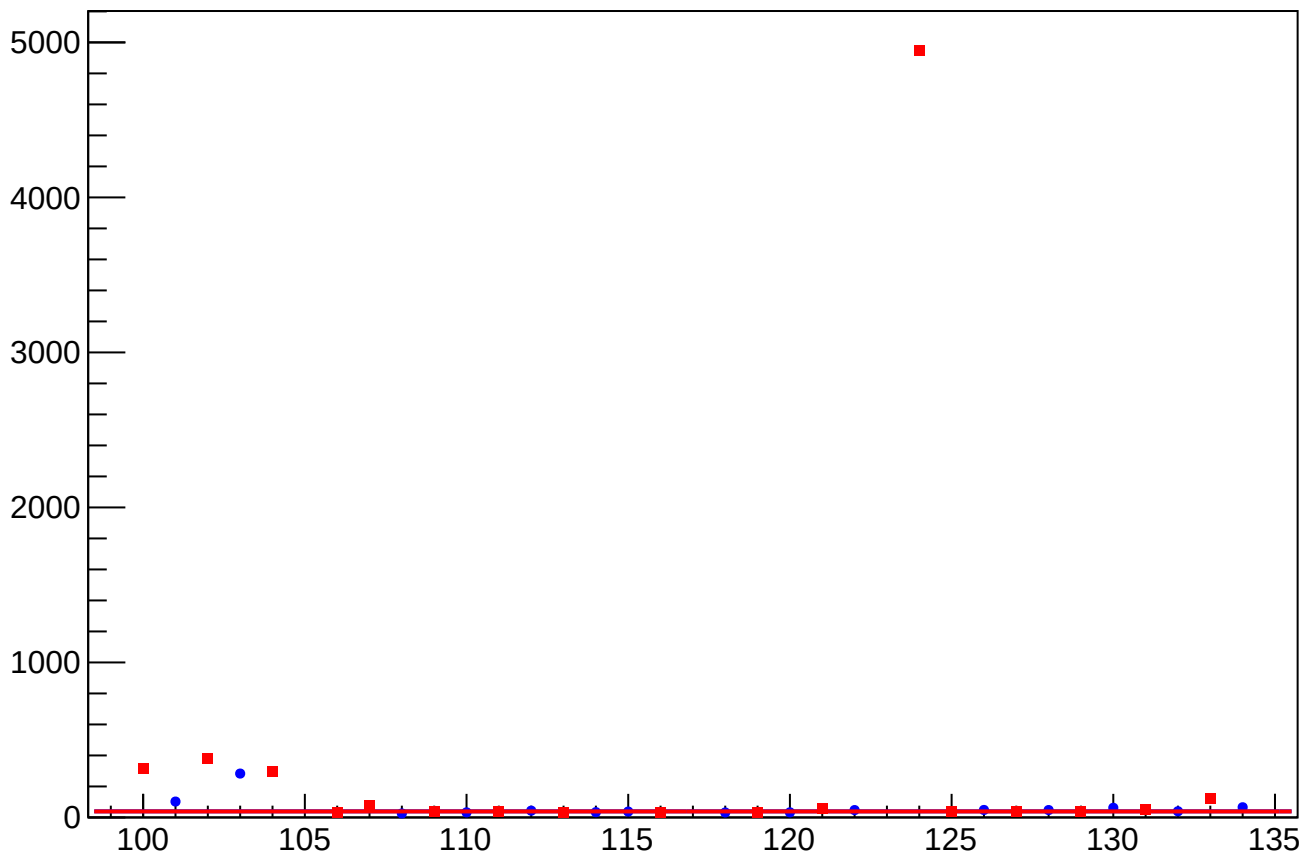
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.013 χ^2/NDF : 26.5/31

- sign 0.000+/-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 $\chi^2/\text{NDF}: 1937587.9/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 38.919 ± 0.013 $\chi^2/\text{NDF}: 2491876.4/16$

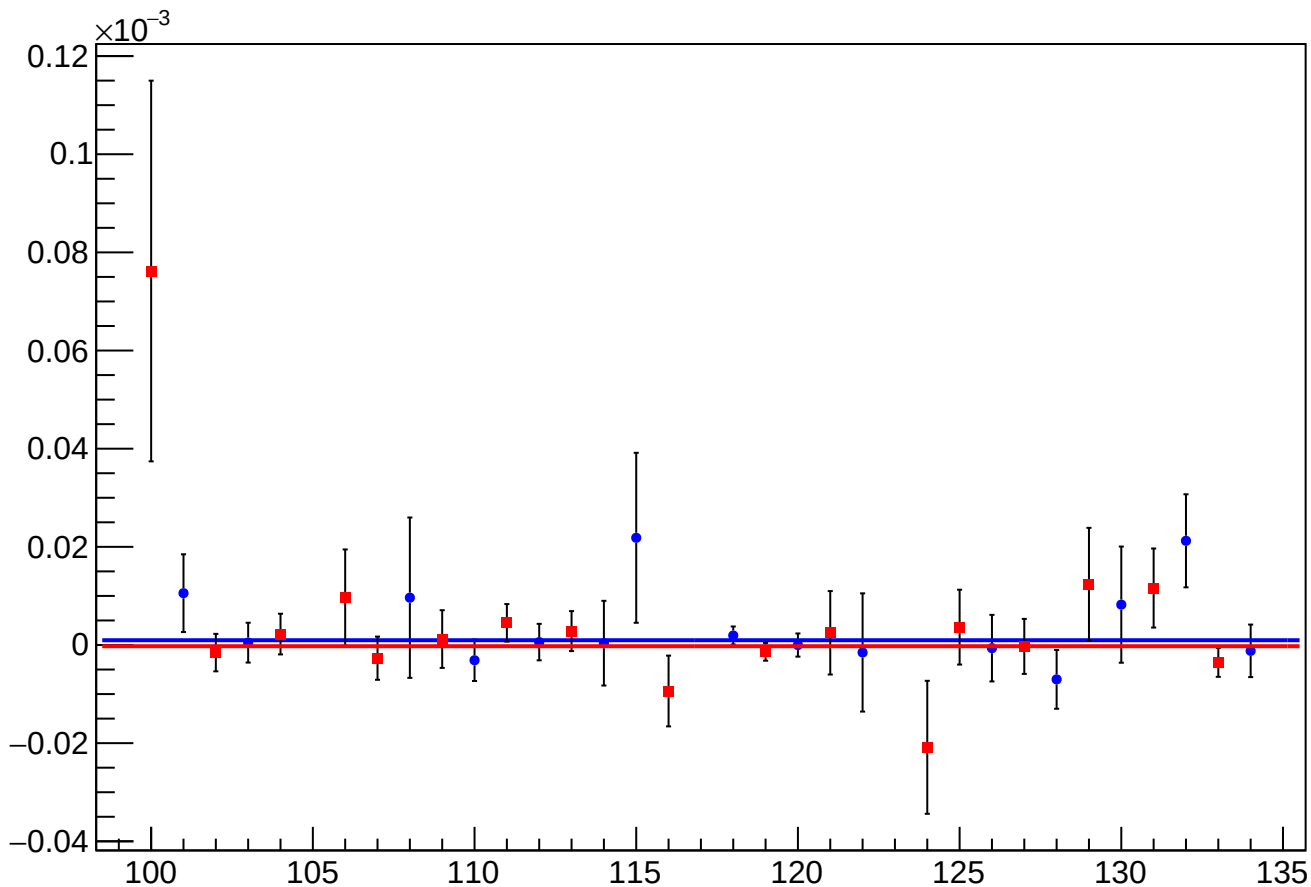
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 39.225 ± 0.009 $\chi^2/\text{NDF}: 4430590.1/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_atl1r2_dd_atl2r1_dd_avg_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: 17.2/16

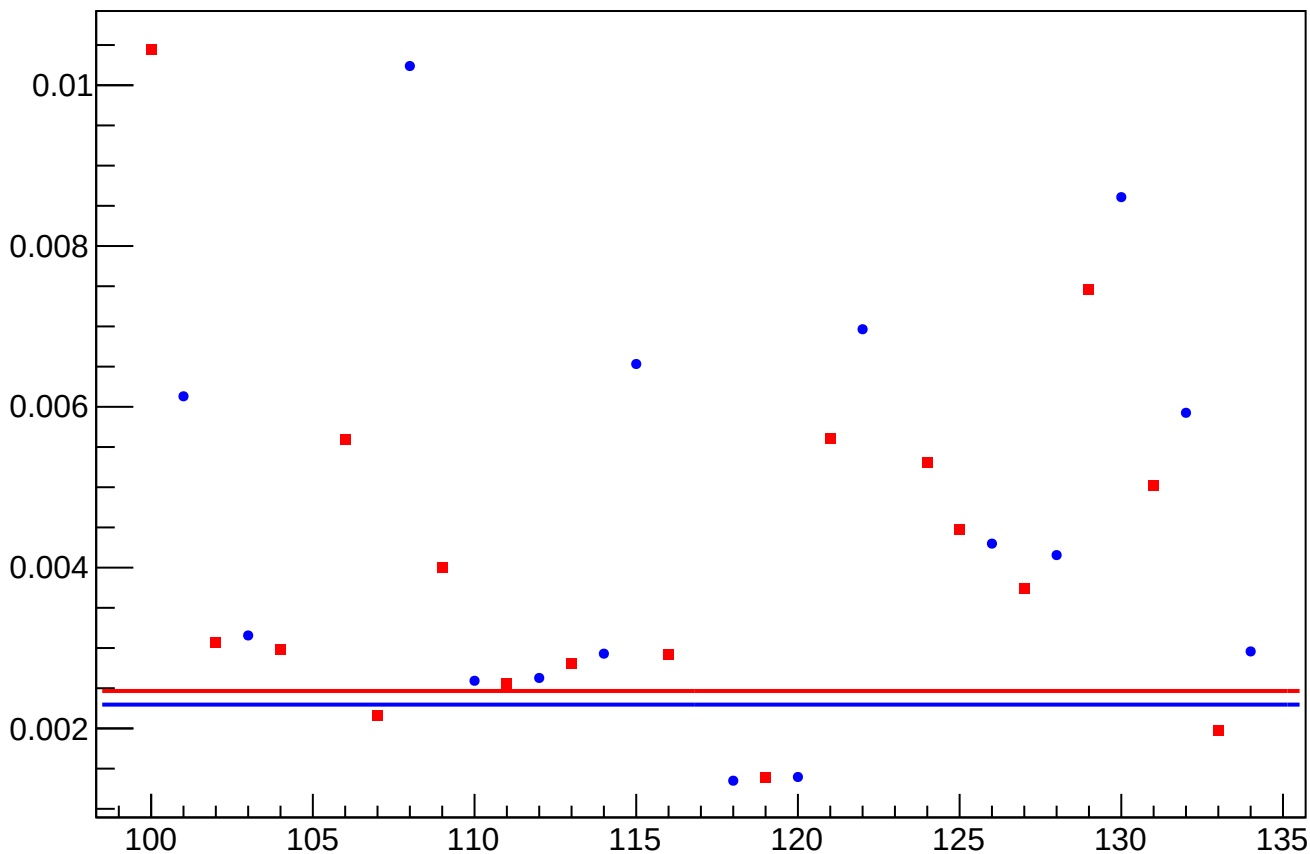
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 29.4/31

- sign 0.000 $\pm$ 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: 0.002+/-0.000 χ^2/NDF : 2481197.0/16

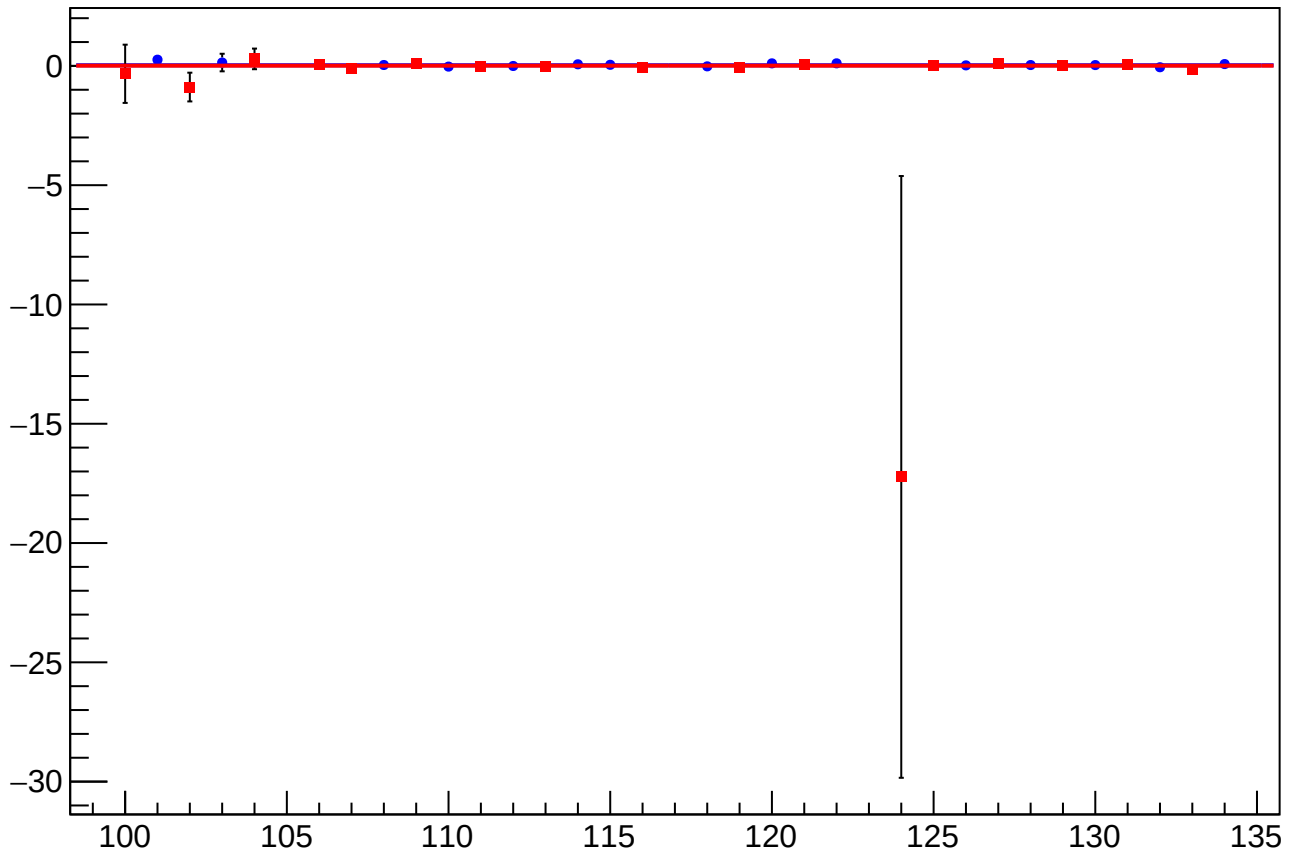
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6075324.2/31

- 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: 0.010 $\pm$ 0.018 χ^2 /NDF: 15.8/16

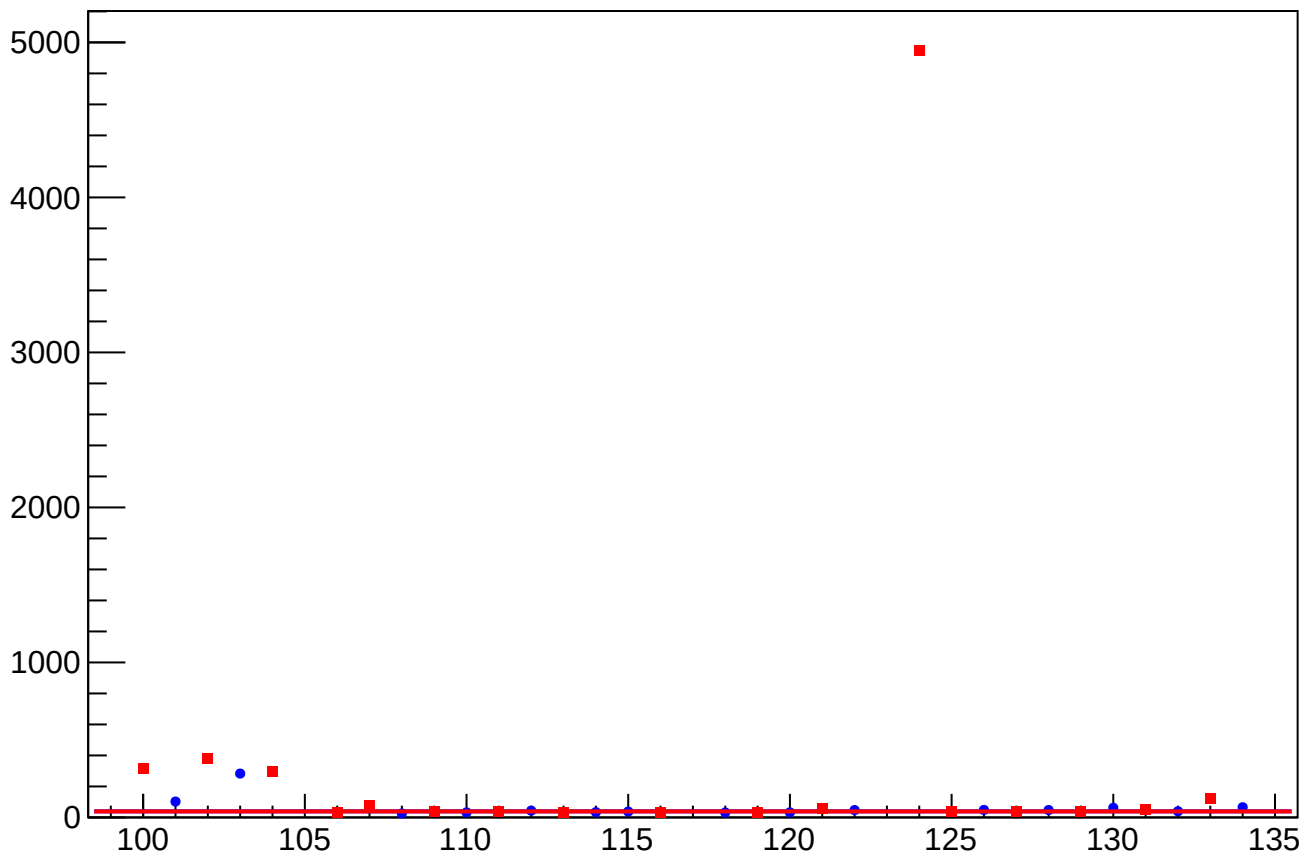
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.013 χ^2 /NDF: 26.5/31

- 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 $\pm$ 0.013 χ^2 /NDF: 1937436.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.919 $\pm$ 0.013 χ^2 /NDF: 2491874.5/16

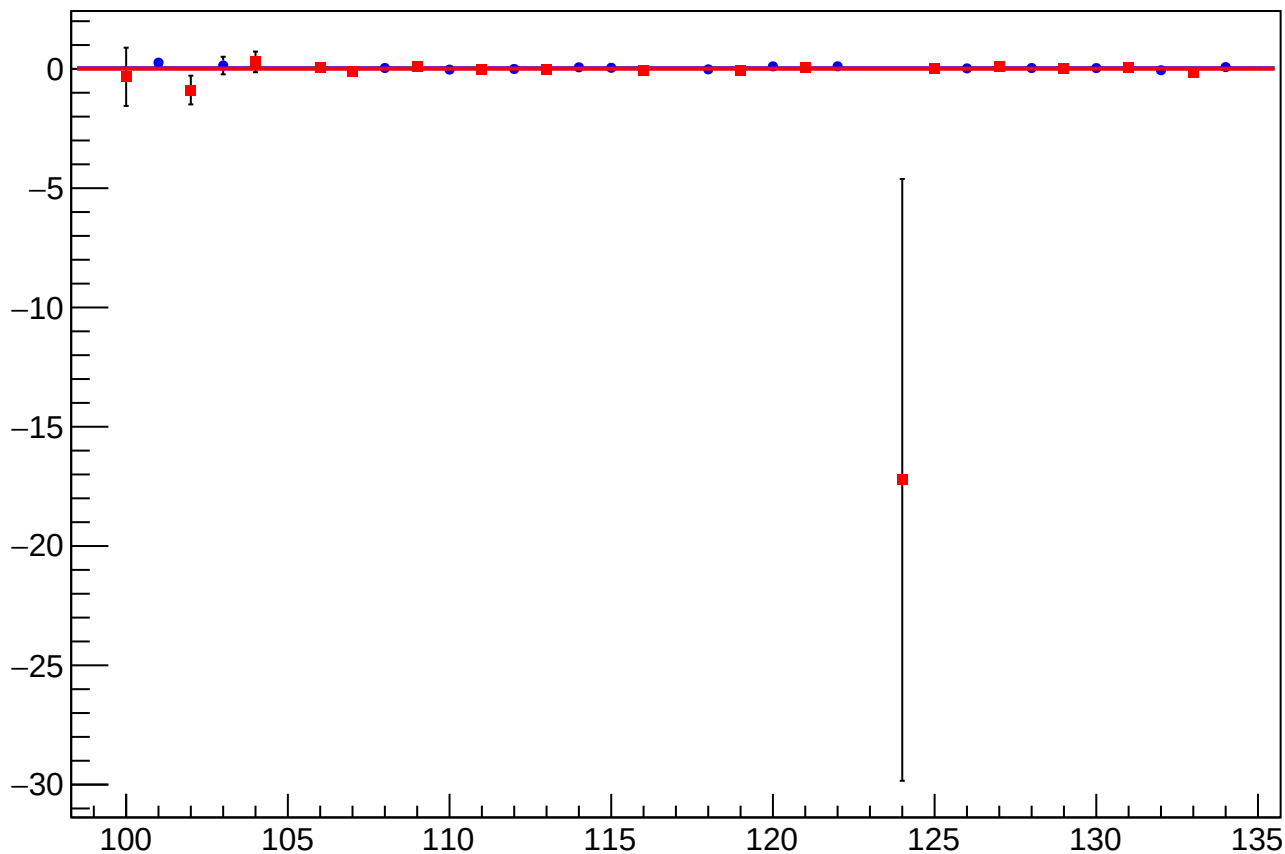
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.225 $\pm$ 0.009 χ^2 /NDF: 4430440.3/31

- sign 0.000 $\pm$ 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: 0.010 $\pm$ 0.018 χ^2 /NDF: 15.8/16

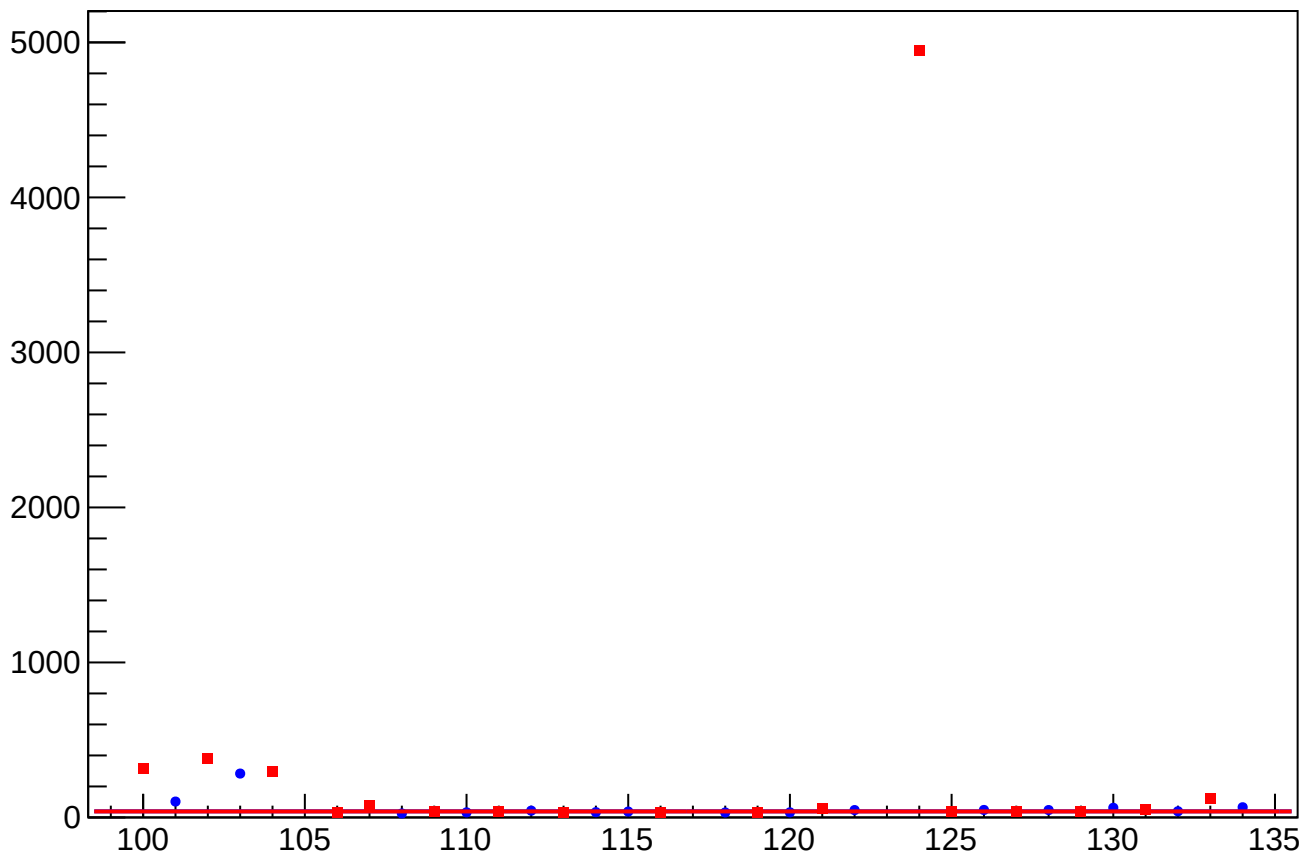
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.013 χ^2 /NDF: 26.5/31

- 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 $\pm$ 0.013 χ^2 /NDF: 1937436.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.919 $\pm$ 0.013 χ^2 /NDF: 2491874.5/16

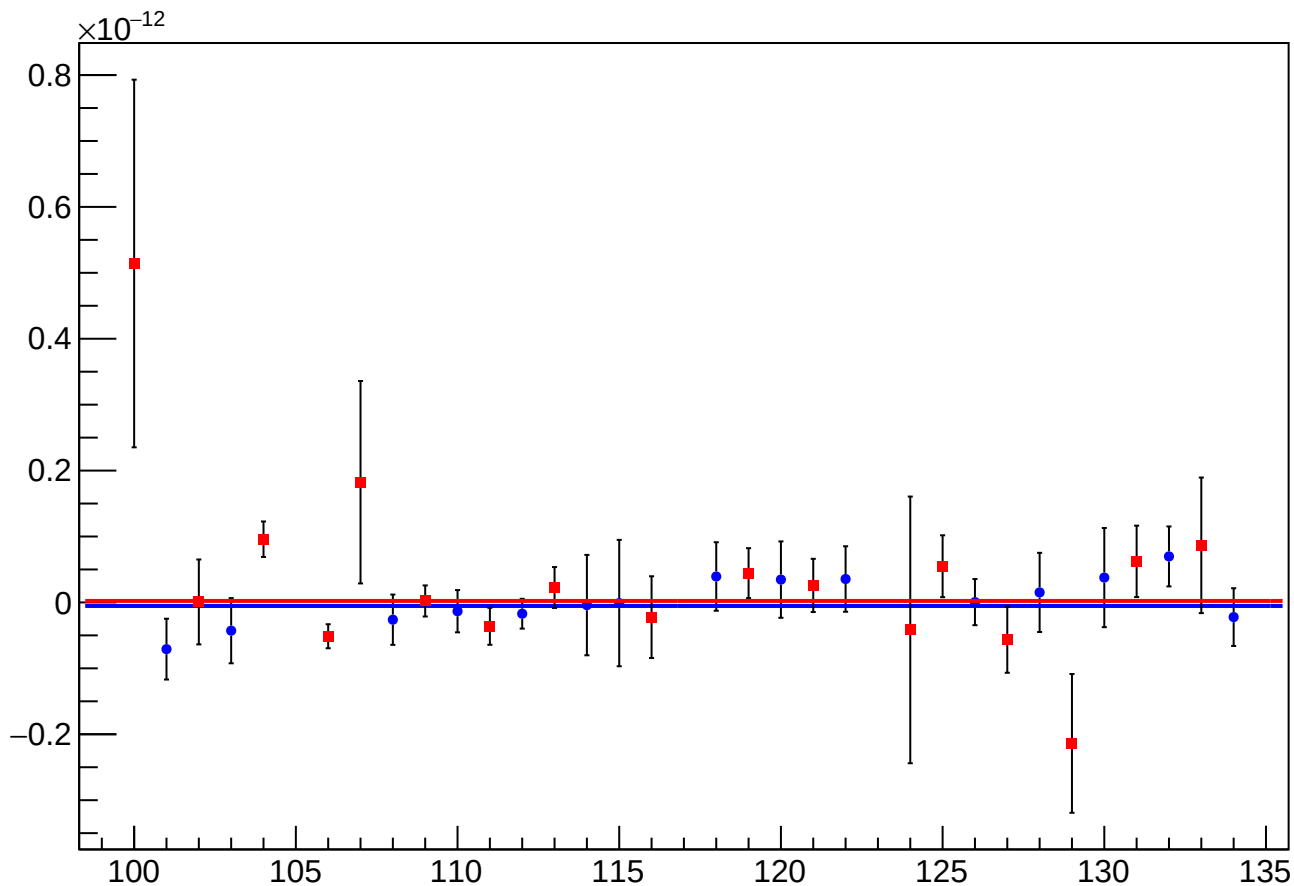
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.225 $\pm$ 0.009 χ^2 /NDF: 4430440.3/31

- sign 0.000 $\pm$ 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 : 38.3/16

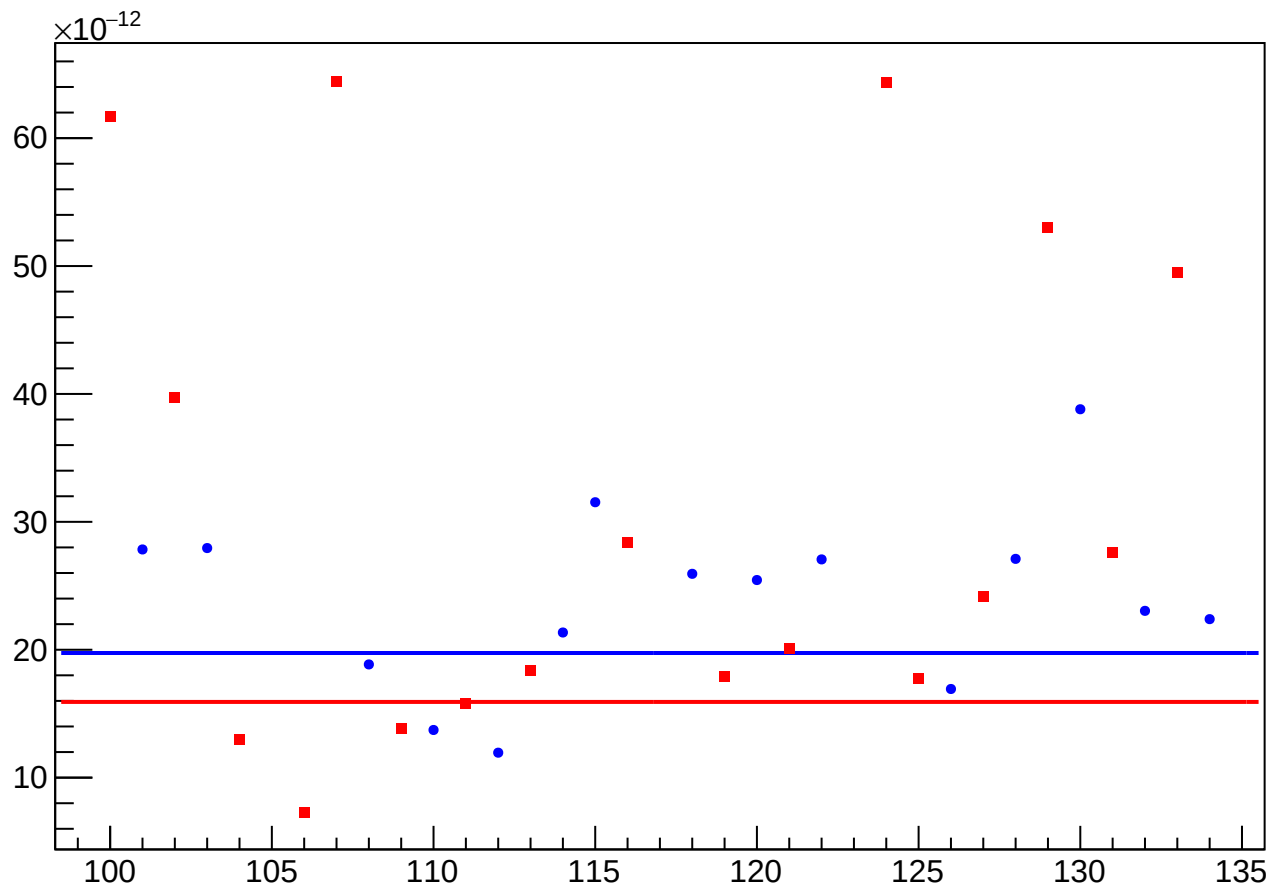
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 47.1/31

- 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 : 1865420.0/16

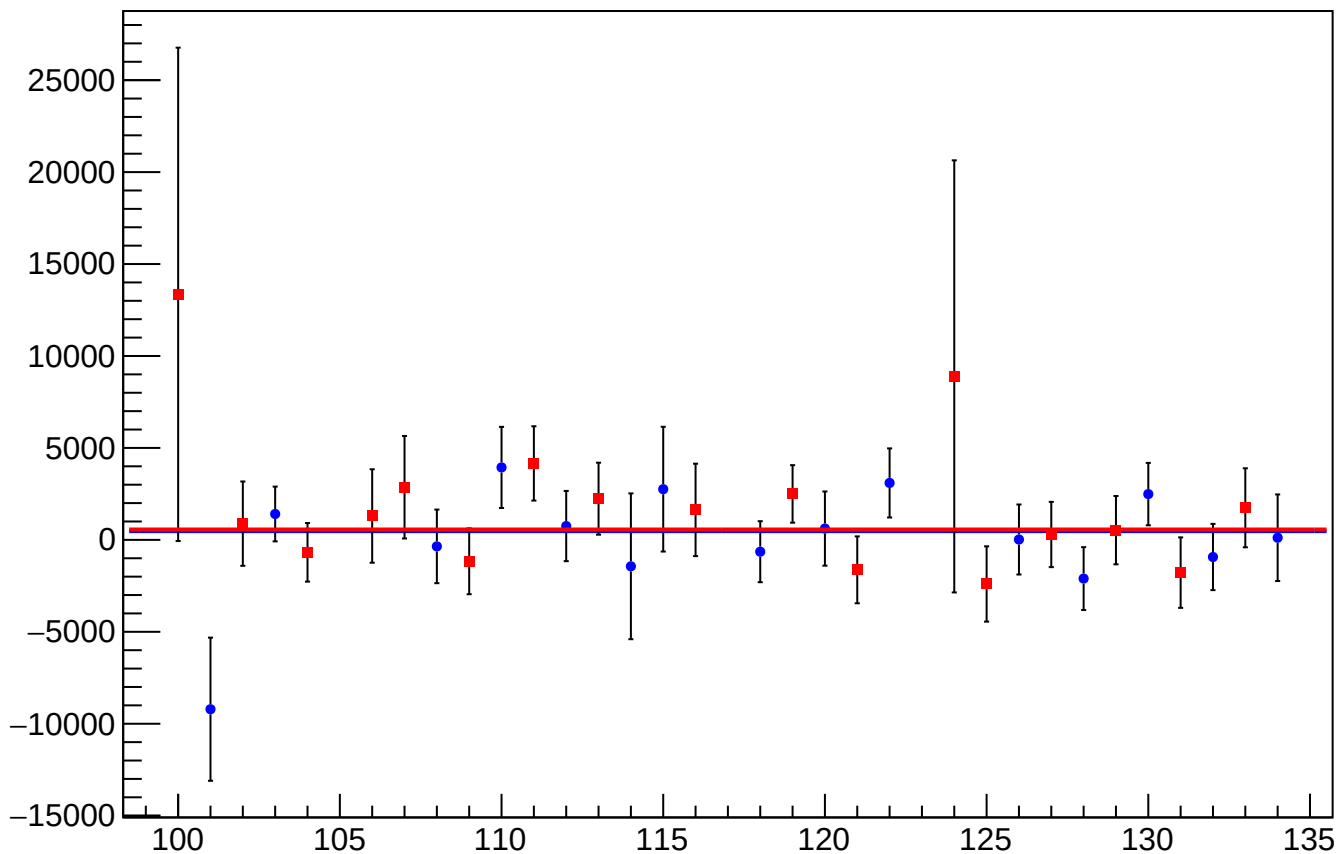
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2744195.1/31

- 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: 564.036+/-506.210 χ^2/NDF : 14.7/16

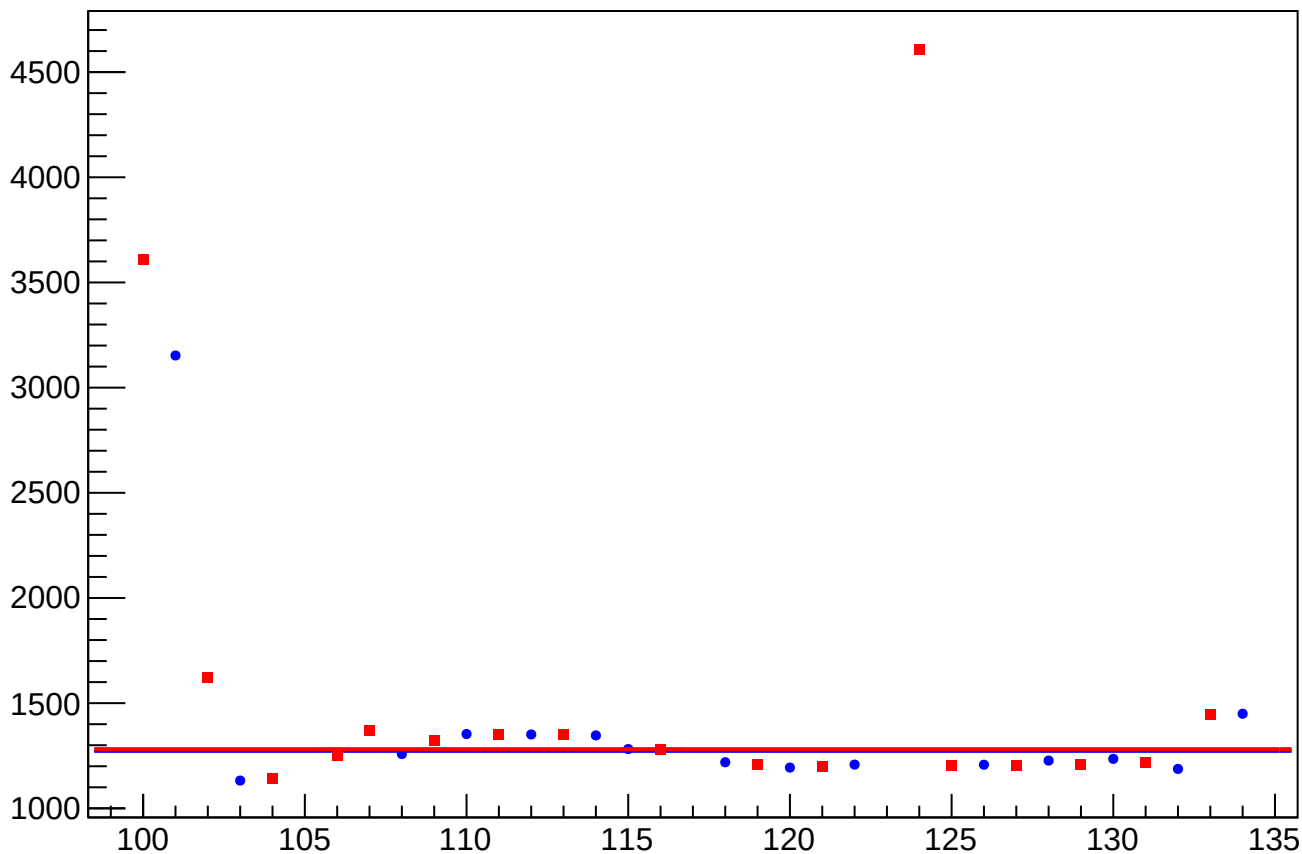
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 520.584+/-361.641 χ^2/NDF : 31.4/31

- 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: 1281.473+/-0.358 χ^2/NDF : 321826.6/16

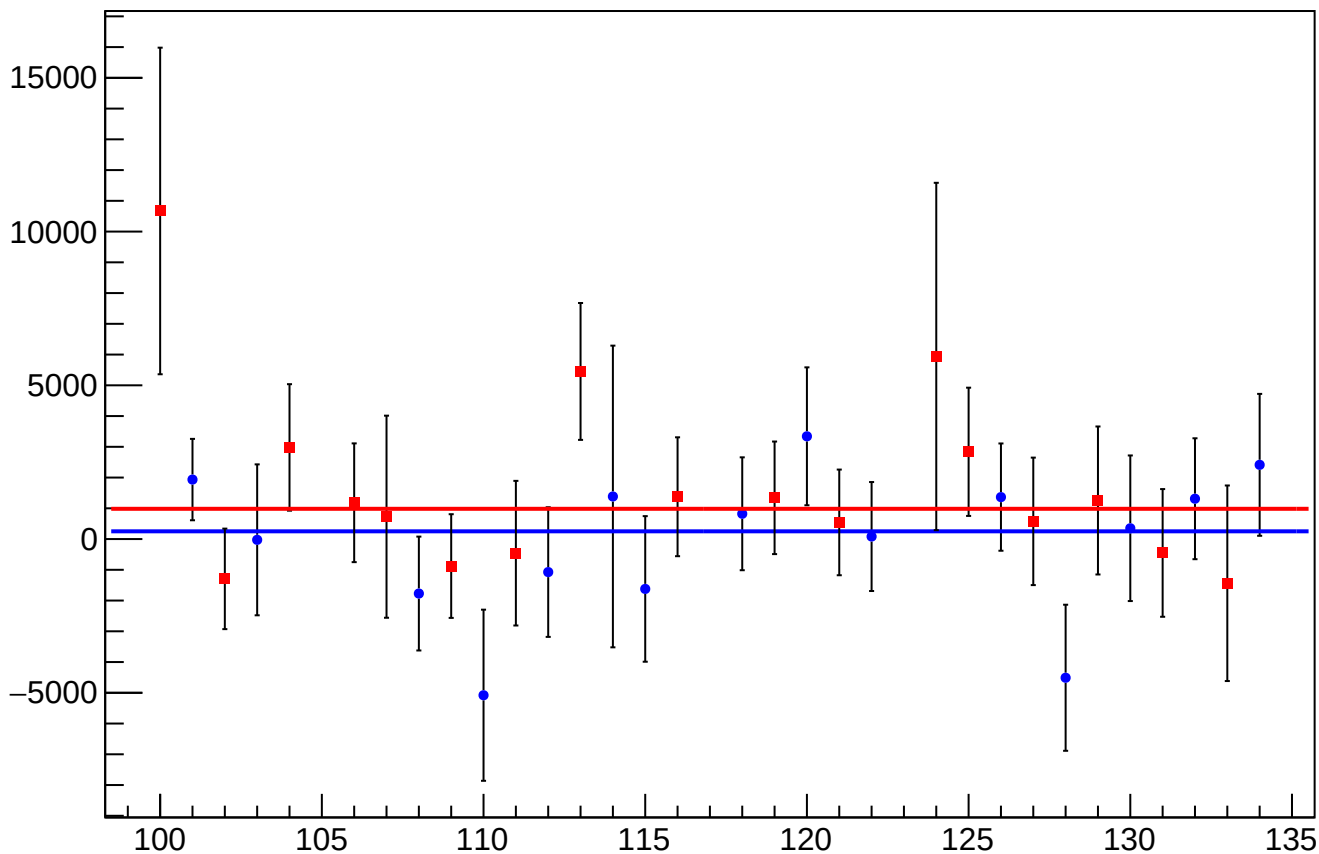
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1277.473+/-0.256 χ^2/NDF : 841365.4/31

- 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: 983.684 $\pm$ 523.898 χ^2 /NDF: 14.7/16

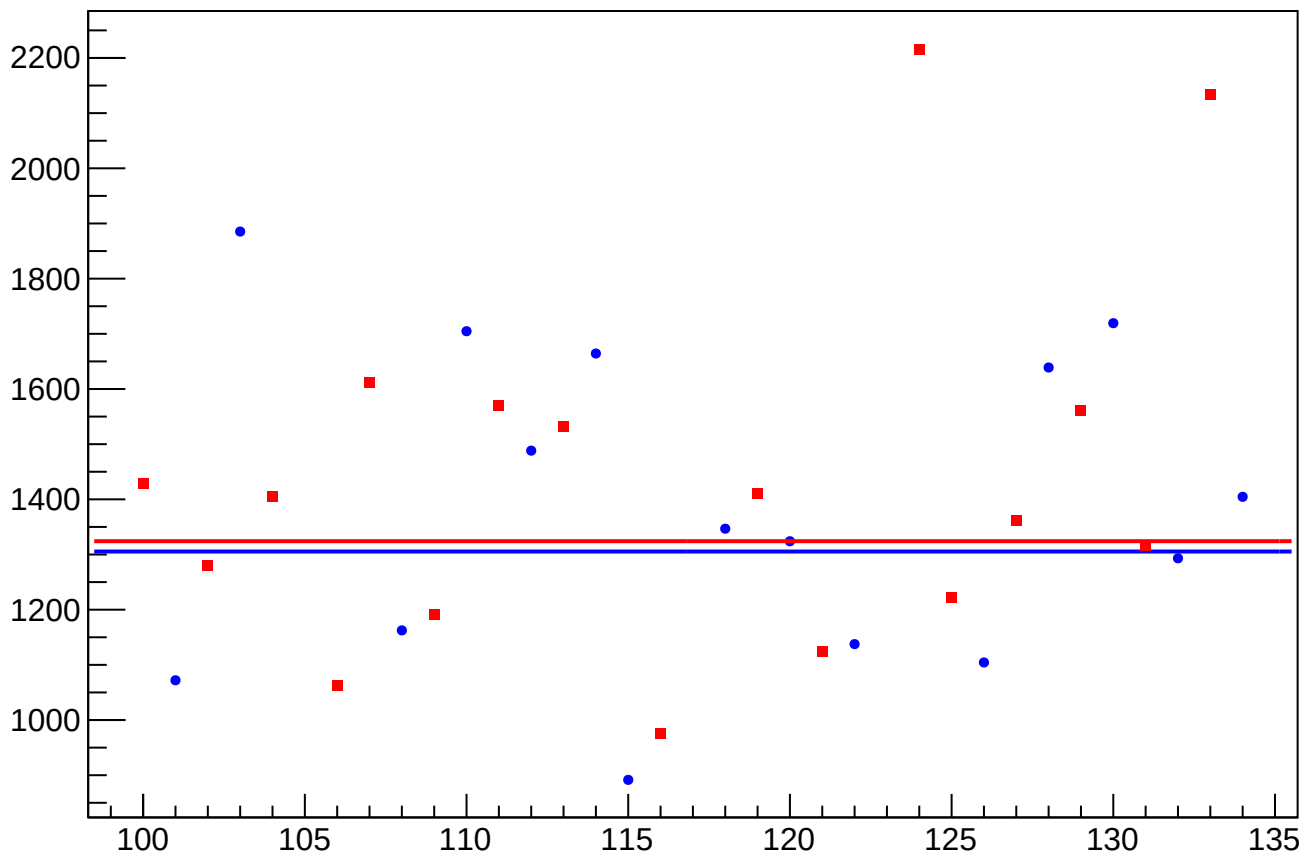
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 622.480 $\pm$ 372.918 χ^2 /NDF: 30.8/31

- 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+/-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

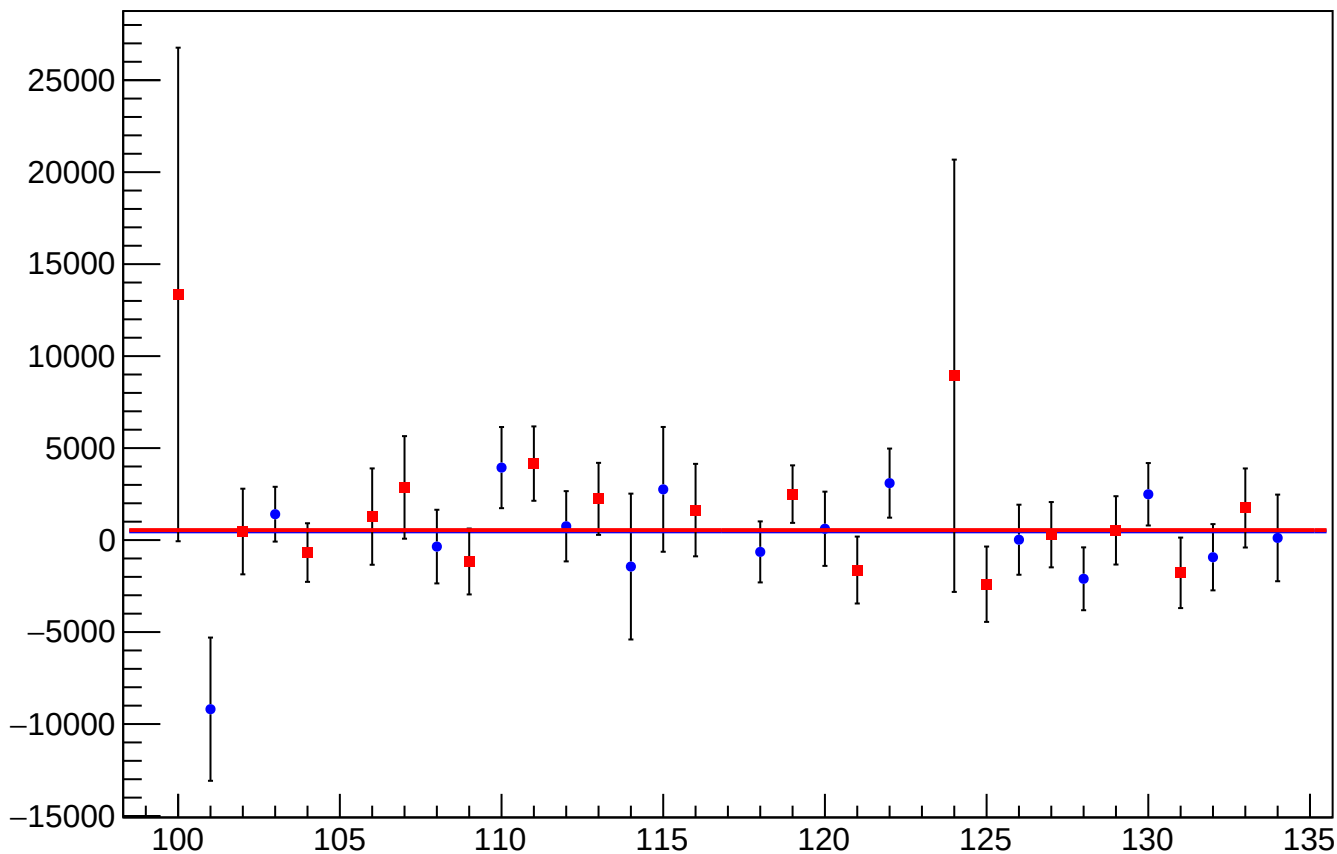
Right Out: 1324.151+/-0.370 χ^2/NDF : 409822.5/16

All: 1314.910+/-0.264 χ^2/NDF : 874854.9/31

- 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_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: 541.482+/-507.165 χ^2/NDF : 14.7/16

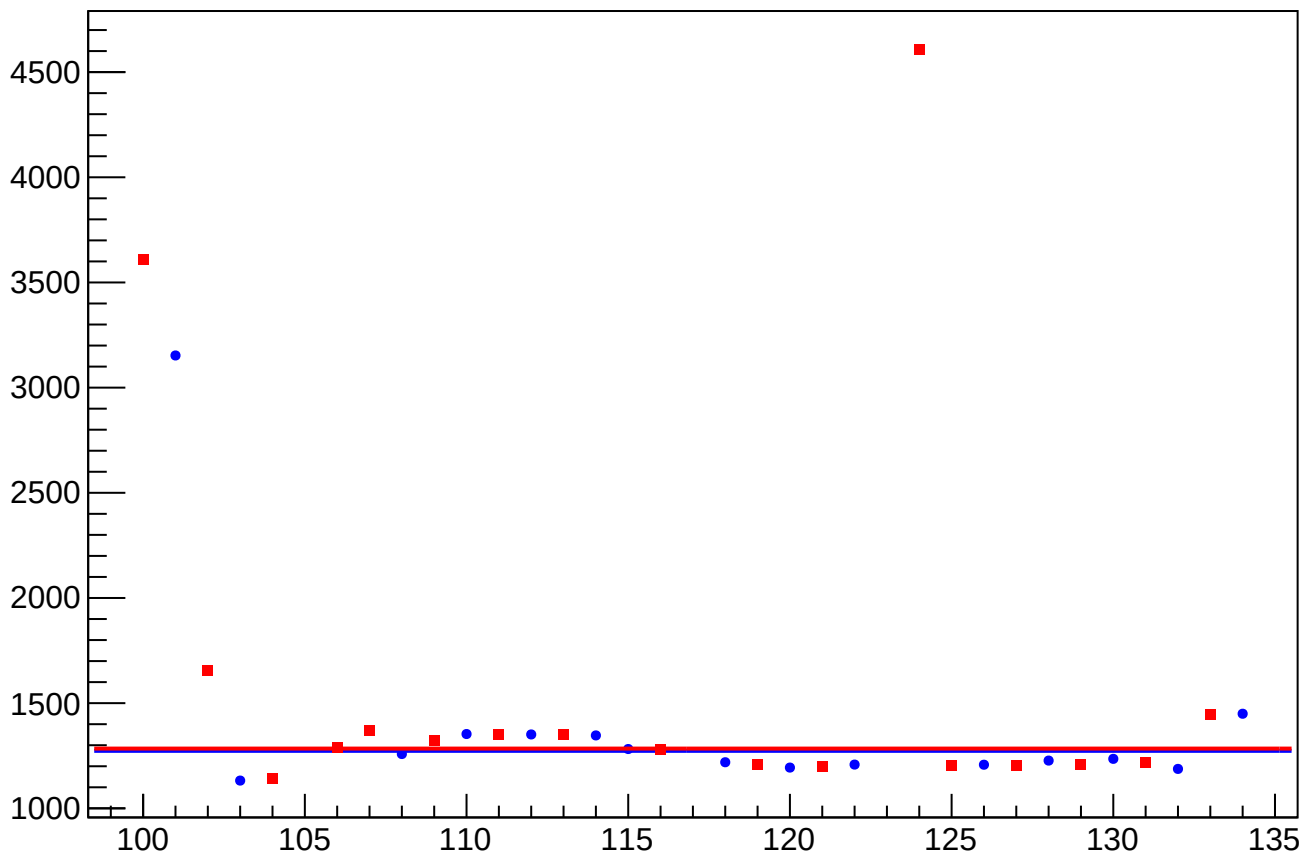
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 509.176+/-361.989 χ^2/NDF : 31.4/31

- 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: 1284.011+/-0.359 χ^2/NDF : 328513.3/16

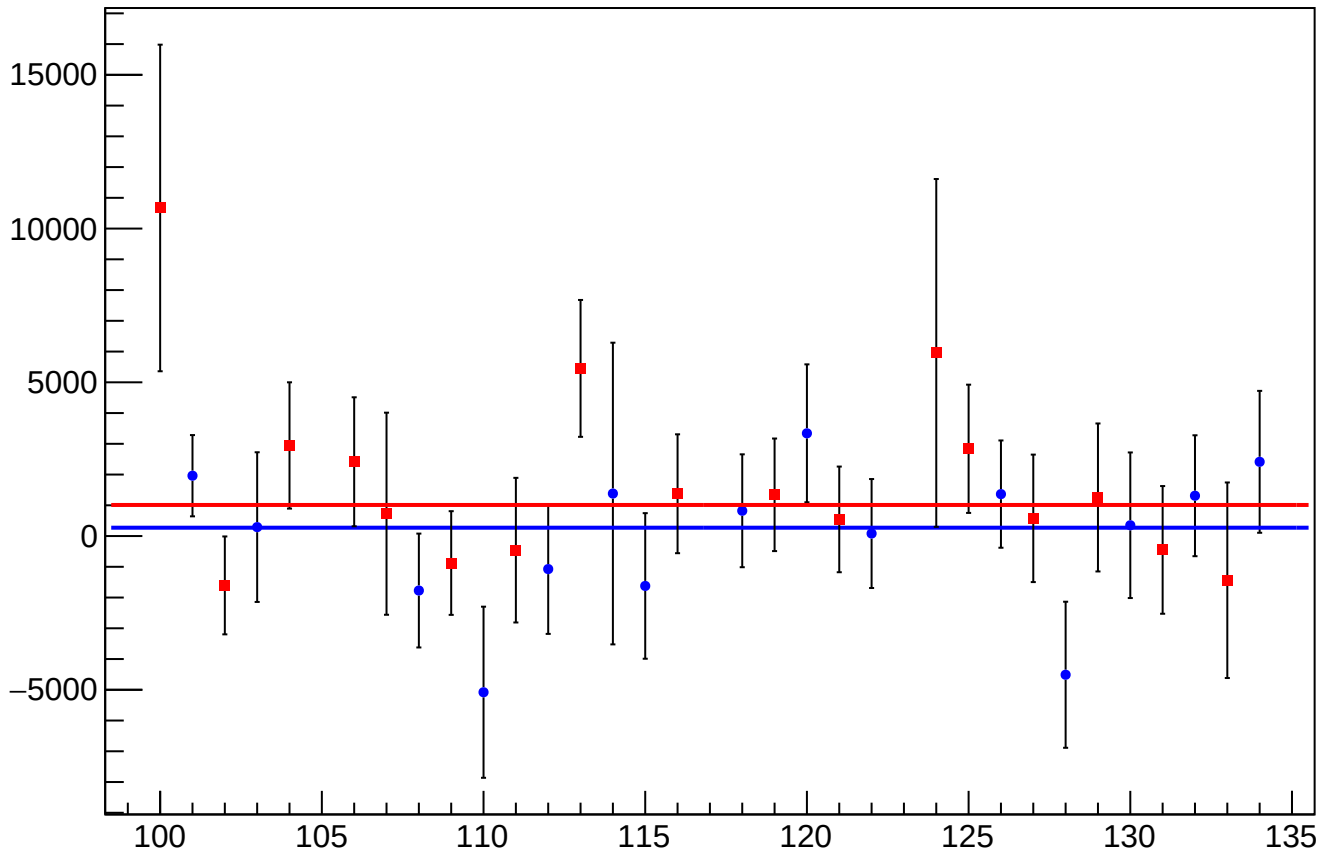
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.758+/-0.256 χ^2/NDF : 848235.8/31

- 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 $\pm$ 530.604 χ^2 /NDF: 15.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1010.941 $\pm$ 525.345 χ^2 /NDF: 15.8/16

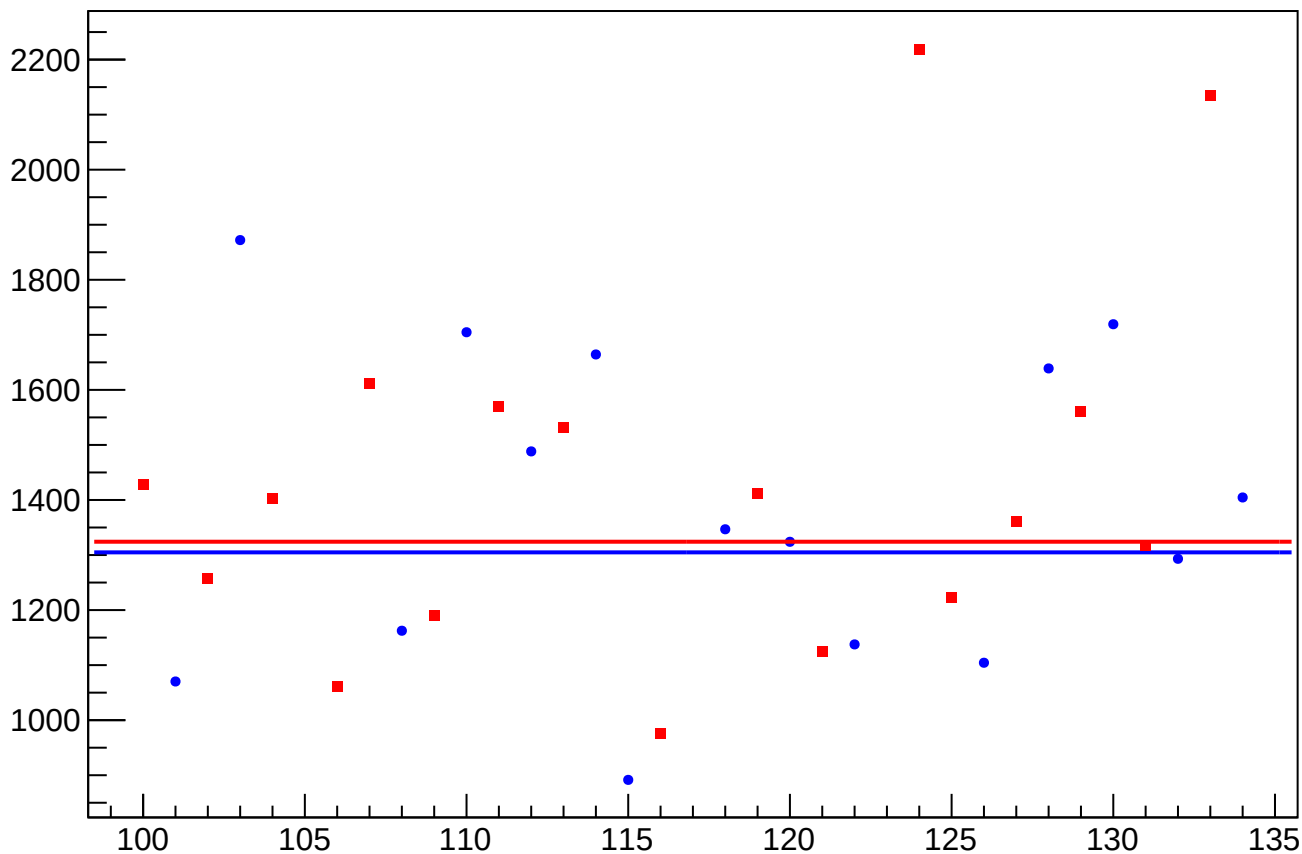
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 644.944 $\pm$ 373.320 χ^2 /NDF: 32.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_cor_correction_rms vs Slug



Right In: 1304.835+/-0.375 χ^2/NDF : 461667.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1324.171+/-0.371 χ^2/NDF : 406955.0/16

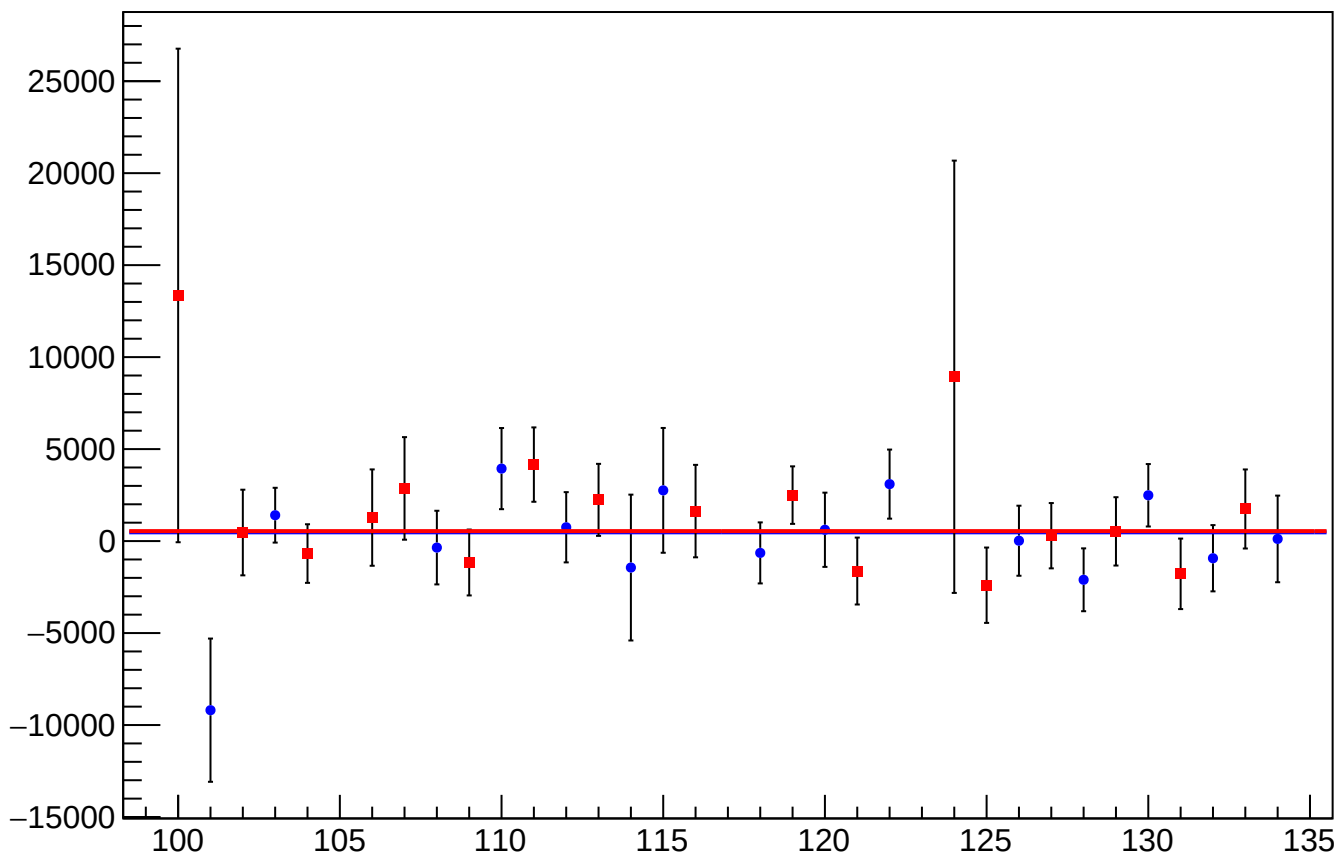
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1314.599+/-0.264 χ^2/NDF : 869963.5/31

- sign 0.000+/-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: 541.482+/-507.165 χ^2/NDF : 14.7/16

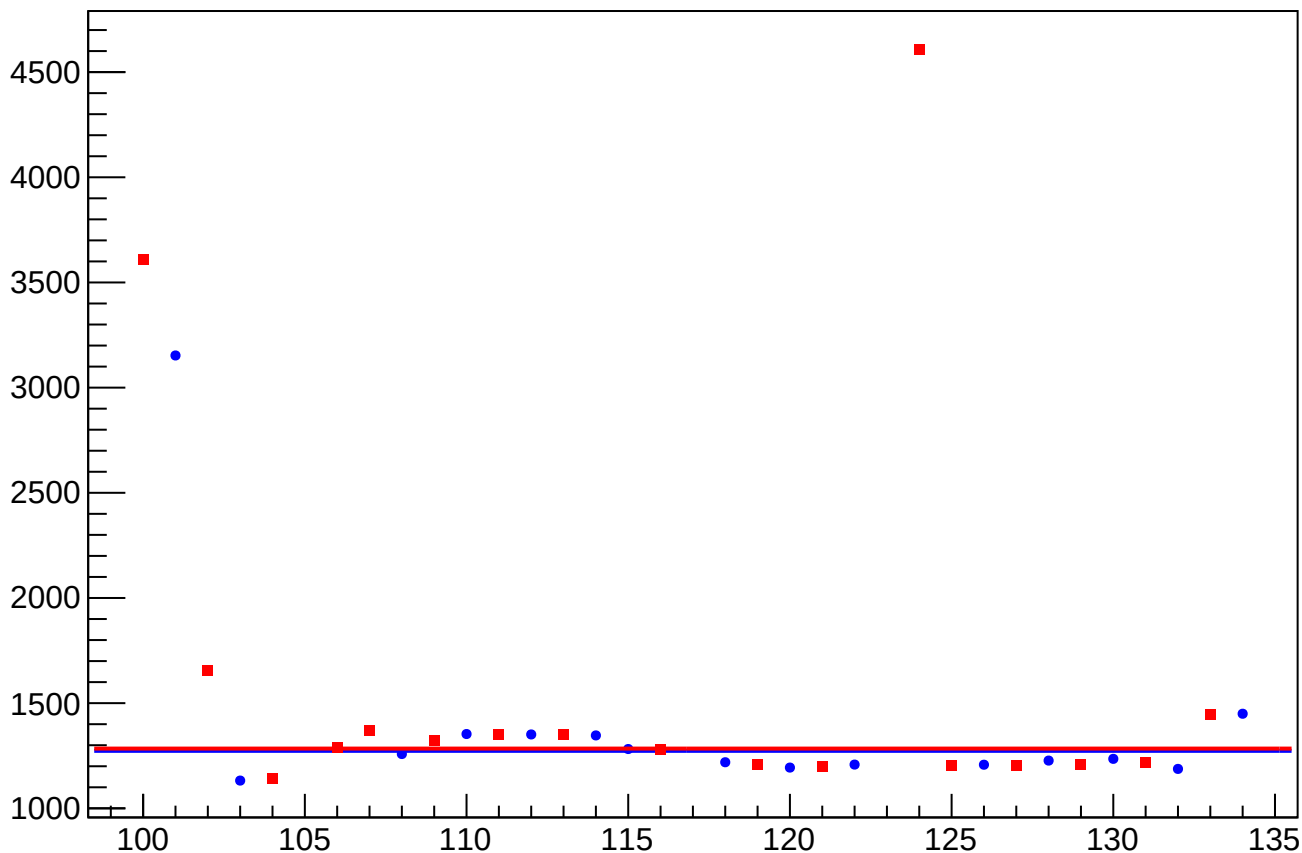
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 509.176+/-361.989 χ^2/NDF : 31.4/31

- 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: 1284.011+/-0.359 χ^2/NDF : 328513.3/16

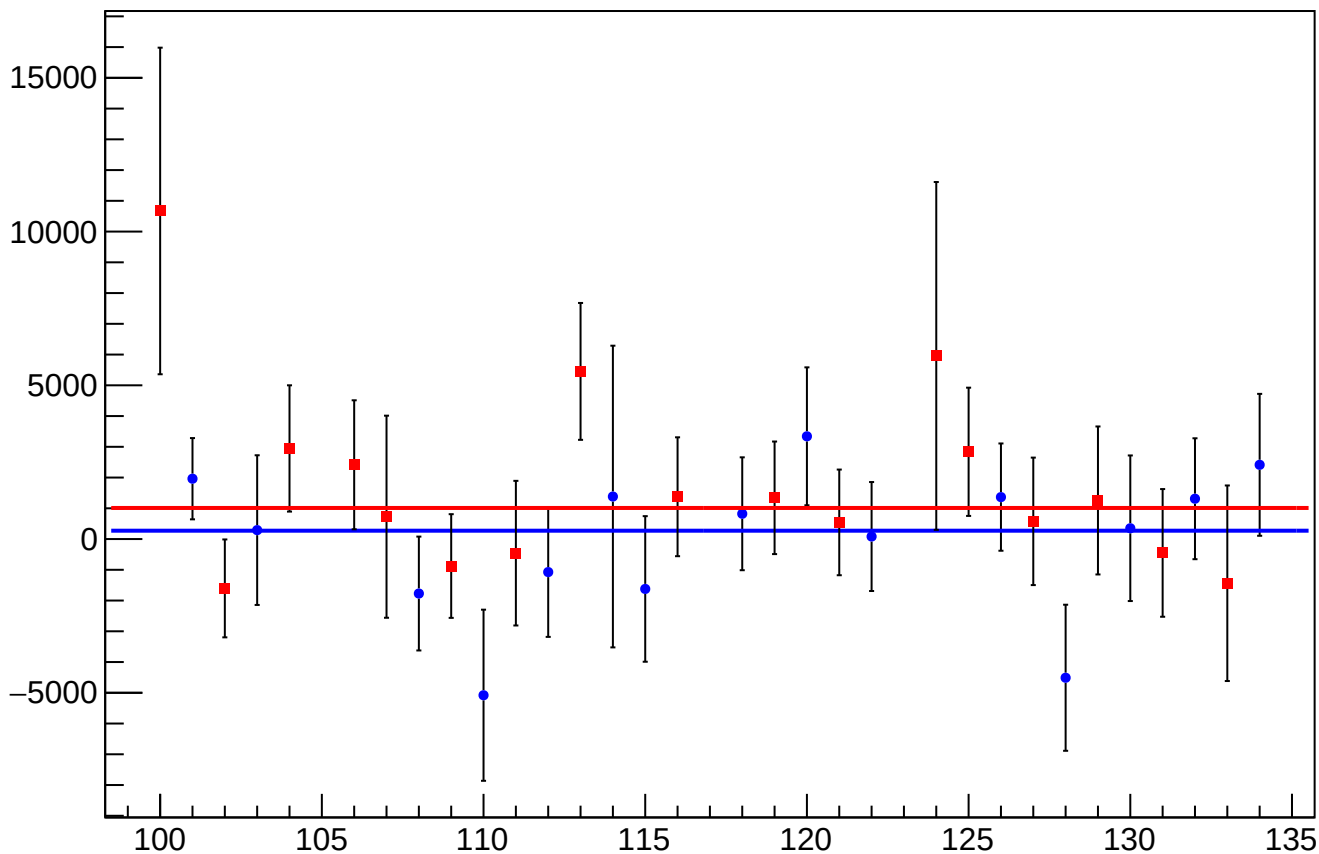
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.758+/-0.256 χ^2/NDF : 848235.8/31

- 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: 1010.941 $\pm$ 525.345 χ^2 /NDF: 15.8/16

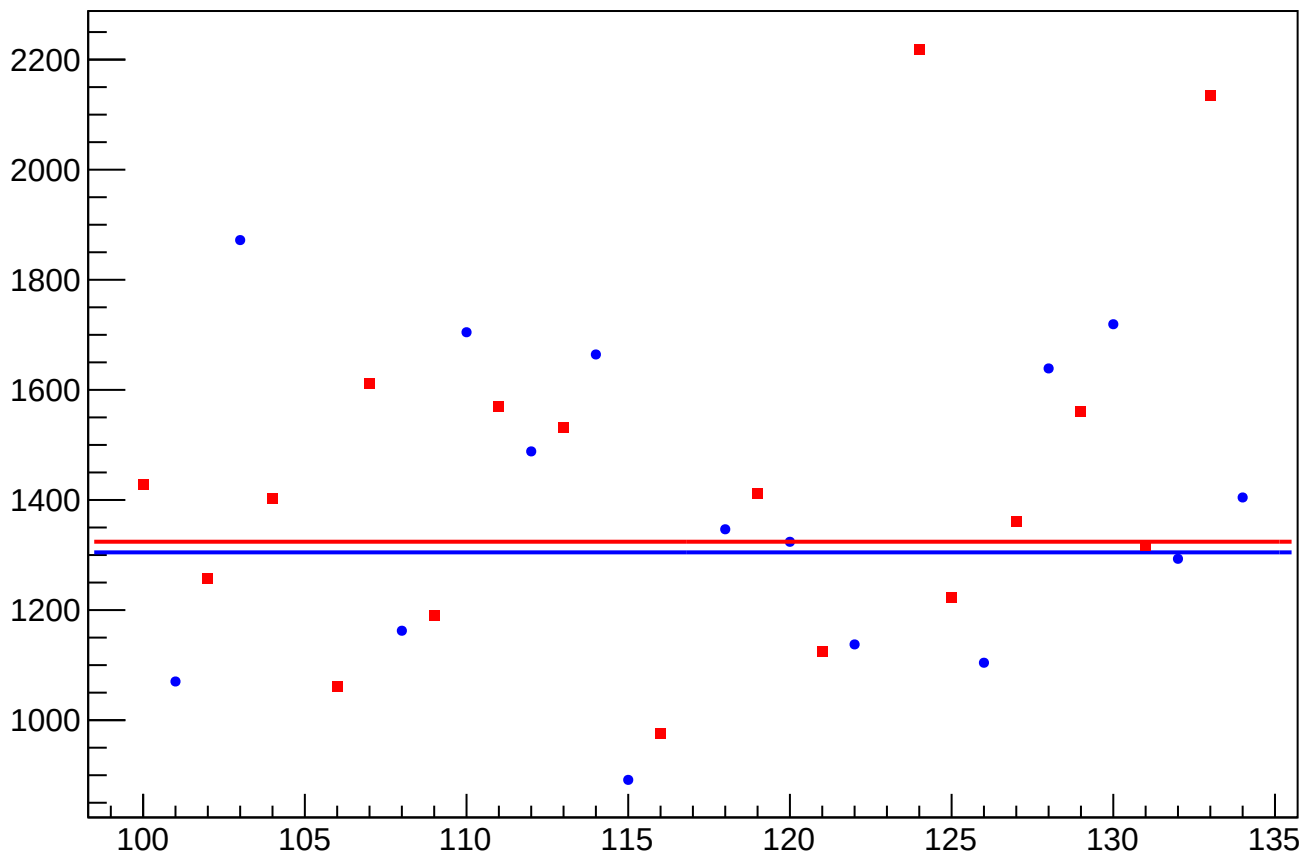
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 644.944 $\pm$ 373.320 χ^2 /NDF: 32.0/31

- 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

Right Out: 1324.171 $\pm$ 0.371 χ^2 /NDF: 406955.0/16

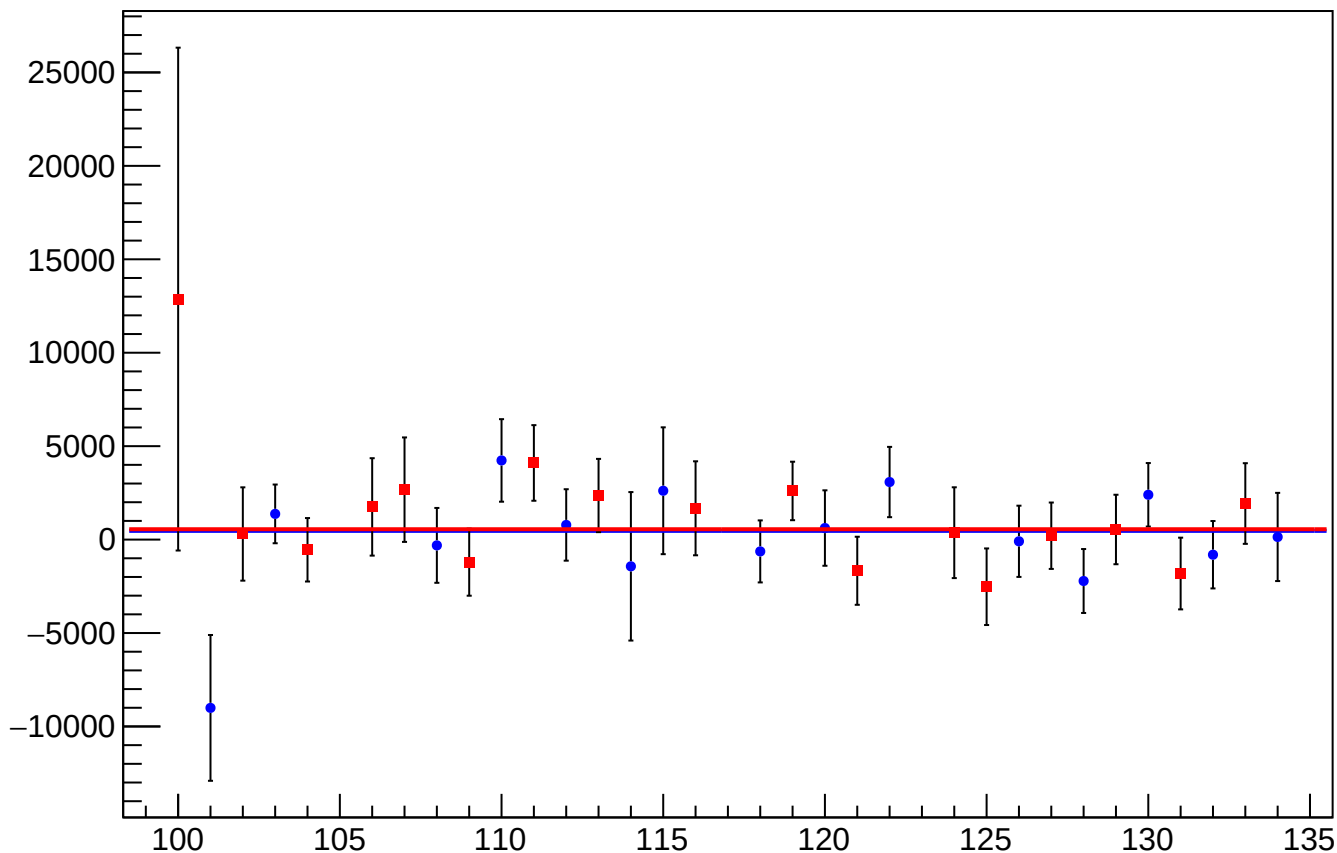
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1314.599 $\pm$ 0.264 χ^2 /NDF: 869963.5/31

- sign 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 $\pm$ 520.557 χ^2 /NDF: 16.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 554.398 $\pm$ 501.845 χ^2 /NDF: 14.6/16

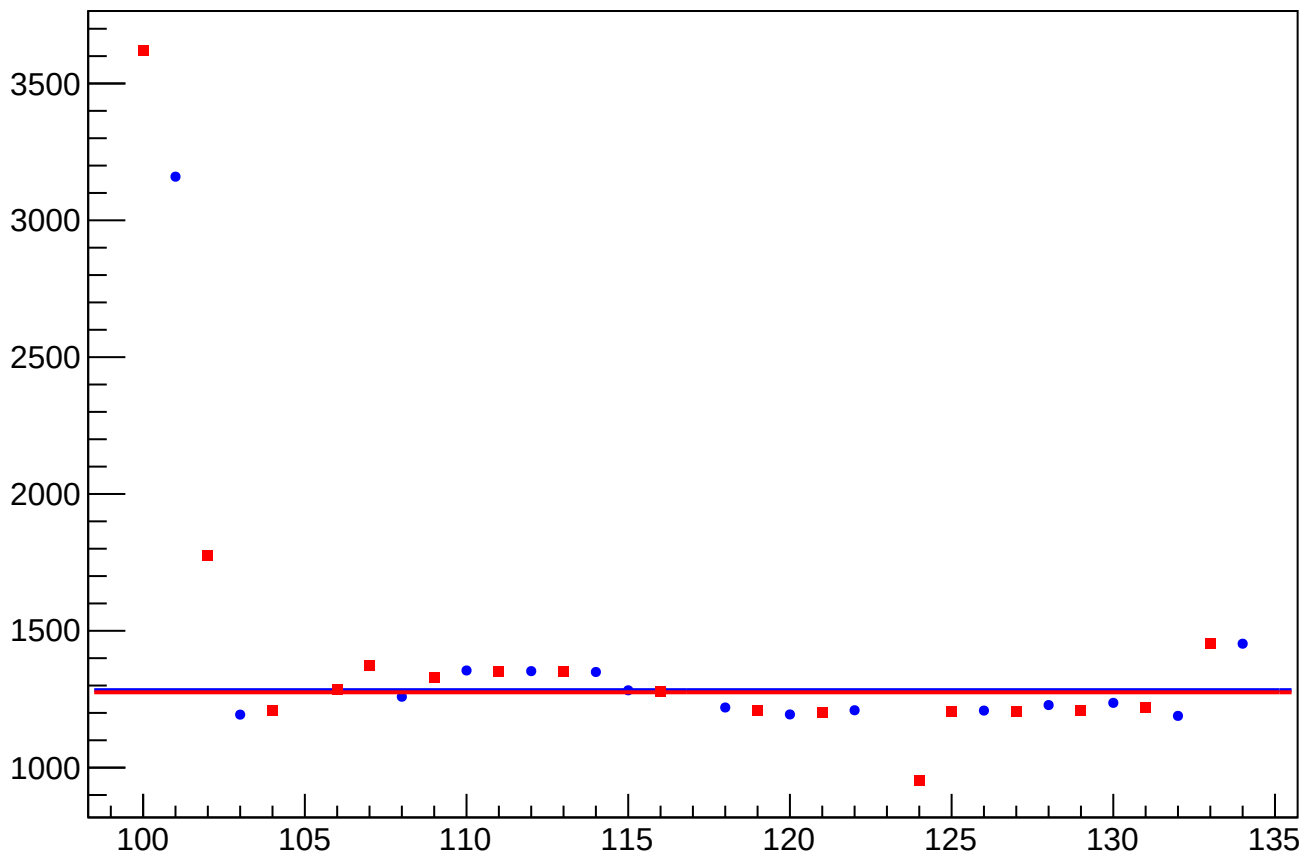
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 512.508 $\pm$ 361.292 χ^2 /NDF: 31.3/31

- sign 0.000 $\pm$ 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

Right Out: 1275.340 $\pm$ 0.355 χ^2 /NDF: 220135.3/16

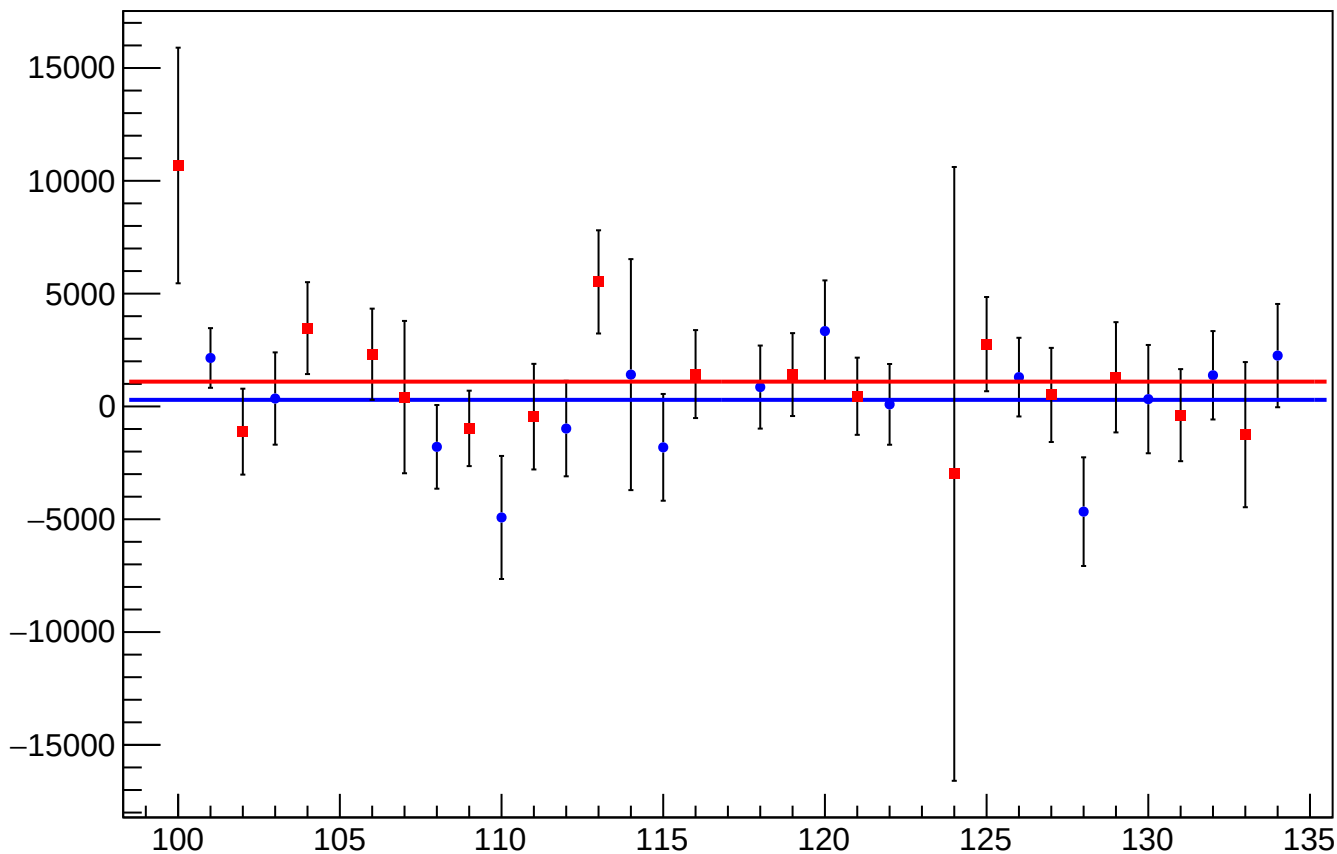
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1279.071 $\pm$ 0.255 χ^2 /NDF: 727276.1/31

- sign 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: 1099.359 $\pm$ 535.449 χ^2 /NDF: 14.3/16

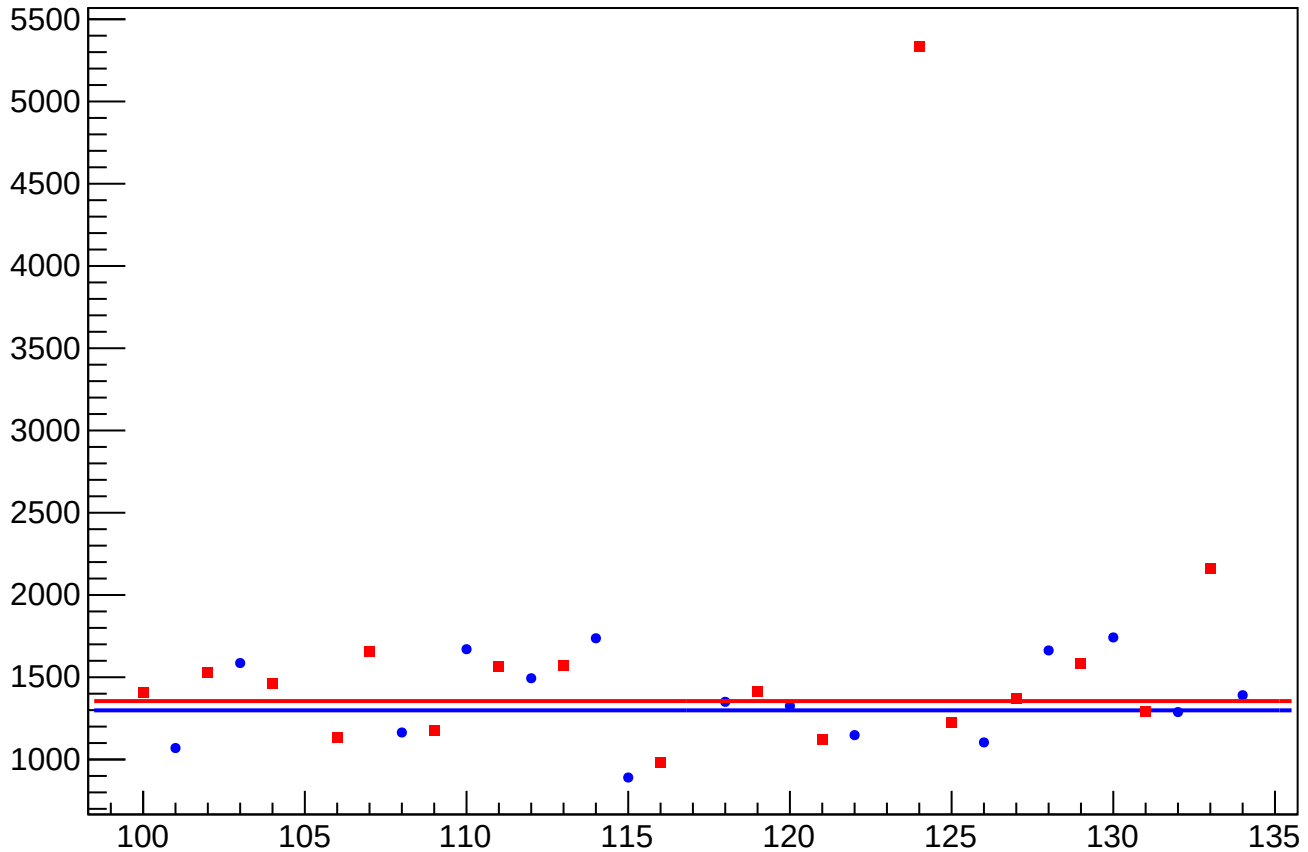
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 688.979 $\pm$ 375.397 χ^2 /NDF: 31.1/31

- 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 $\pm$ 0.372 χ^2 /NDF: 396730.0/14

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

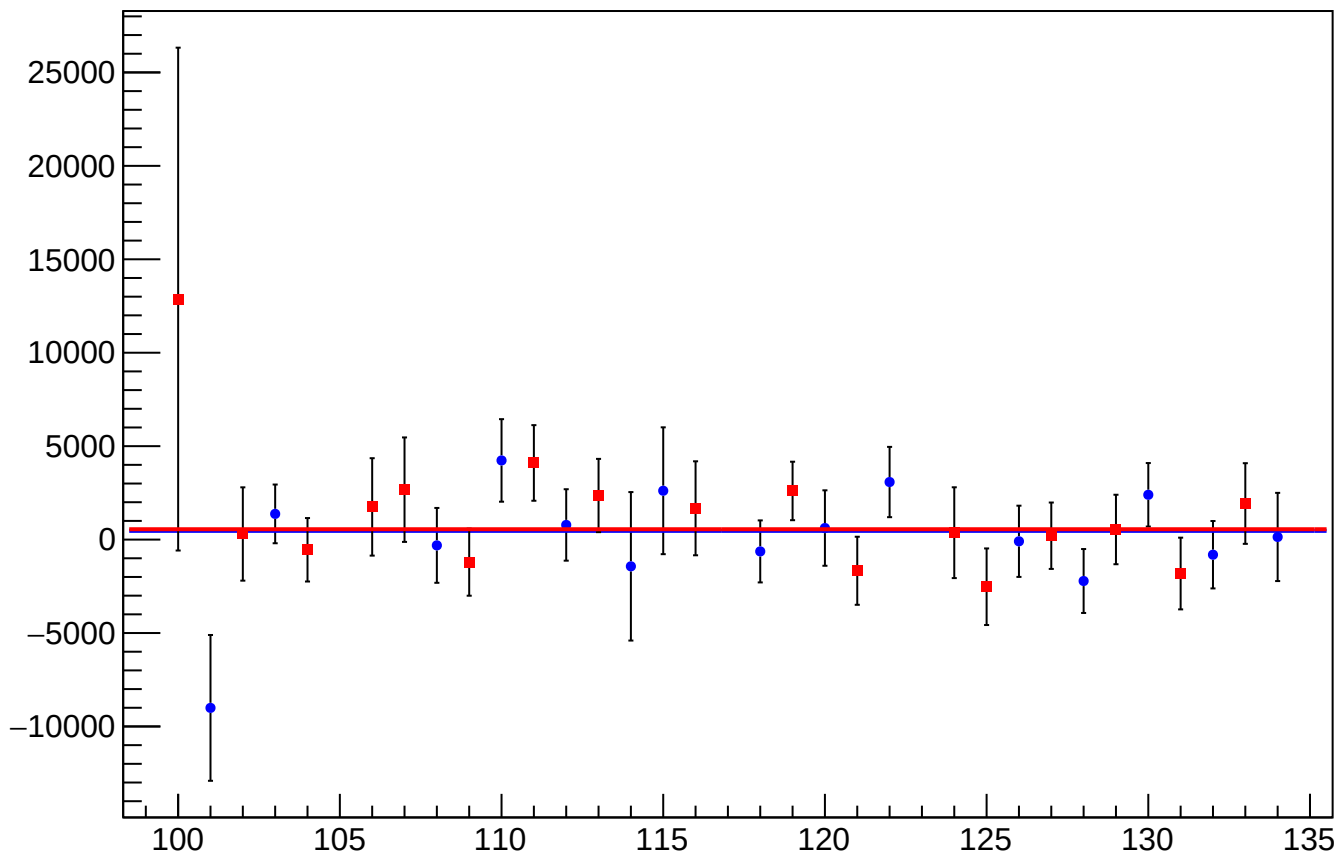
Right Out: 1355.120 $\pm$ 0.379 χ^2 /NDF: 556398.3/16

All: 1326.461 $\pm$ 0.265 χ^2 /NDF: 964396.3/31

- 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

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: 554.398+/-501.845 χ^2/NDF : 14.6/16

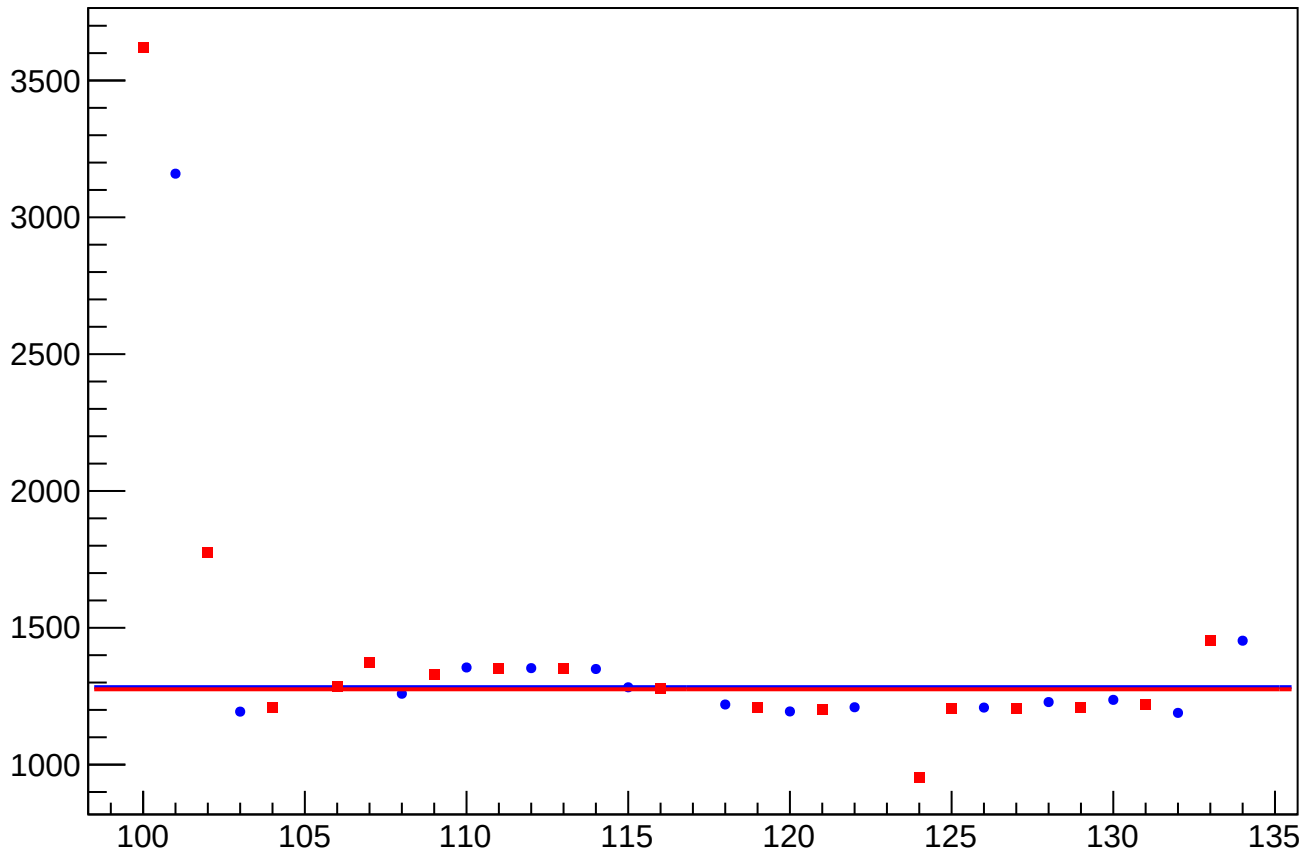
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 512.507+/-361.292 χ^2/NDF : 31.3/31

- 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

Right Out: 1275.340 $\pm$ 0.355 χ^2 /NDF: 220135.1/16

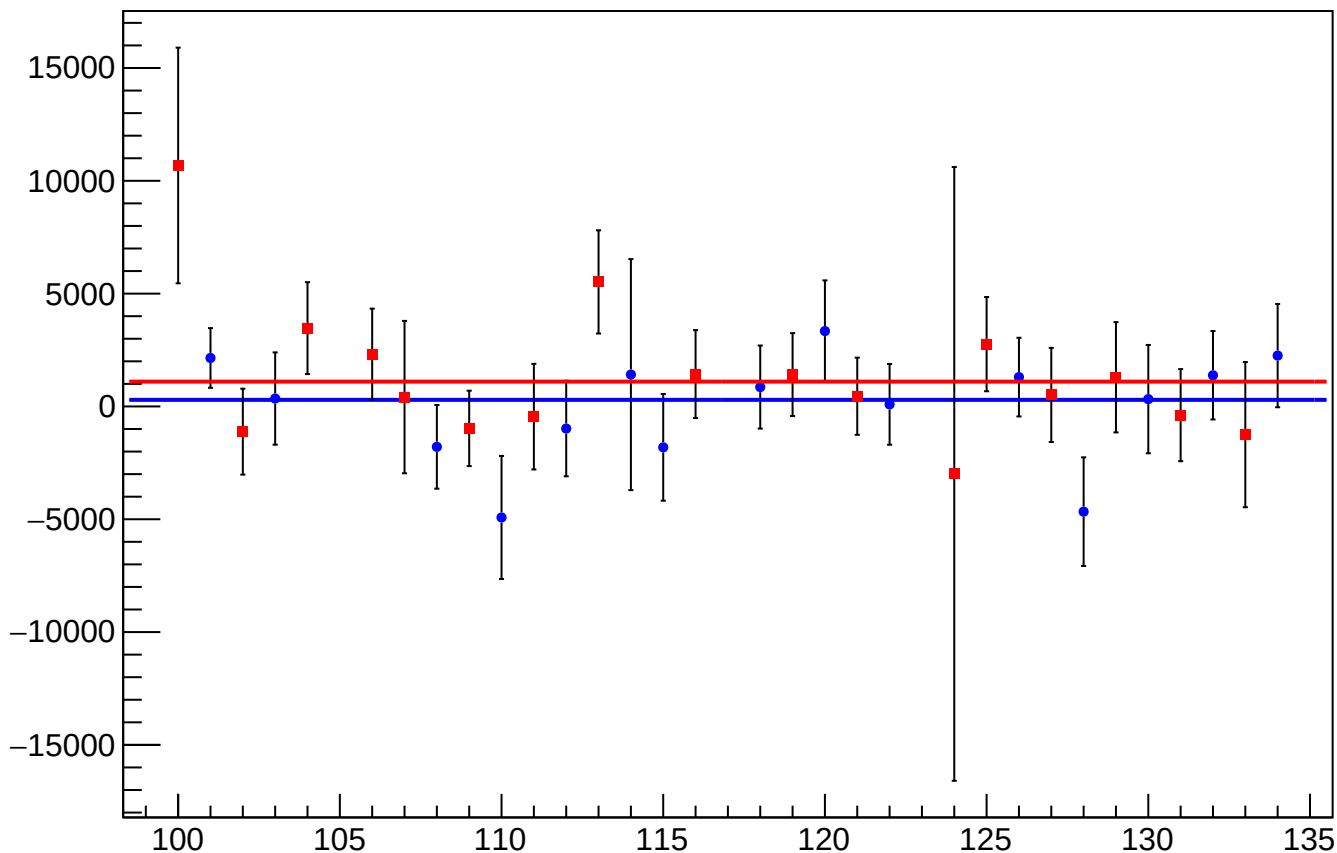
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1279.071 $\pm$ 0.255 χ^2 /NDF: 727276.1/31

- 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+/-526.447 χ^2/NDF : 15.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1099.360+/-535.448 χ^2/NDF : 14.3/16

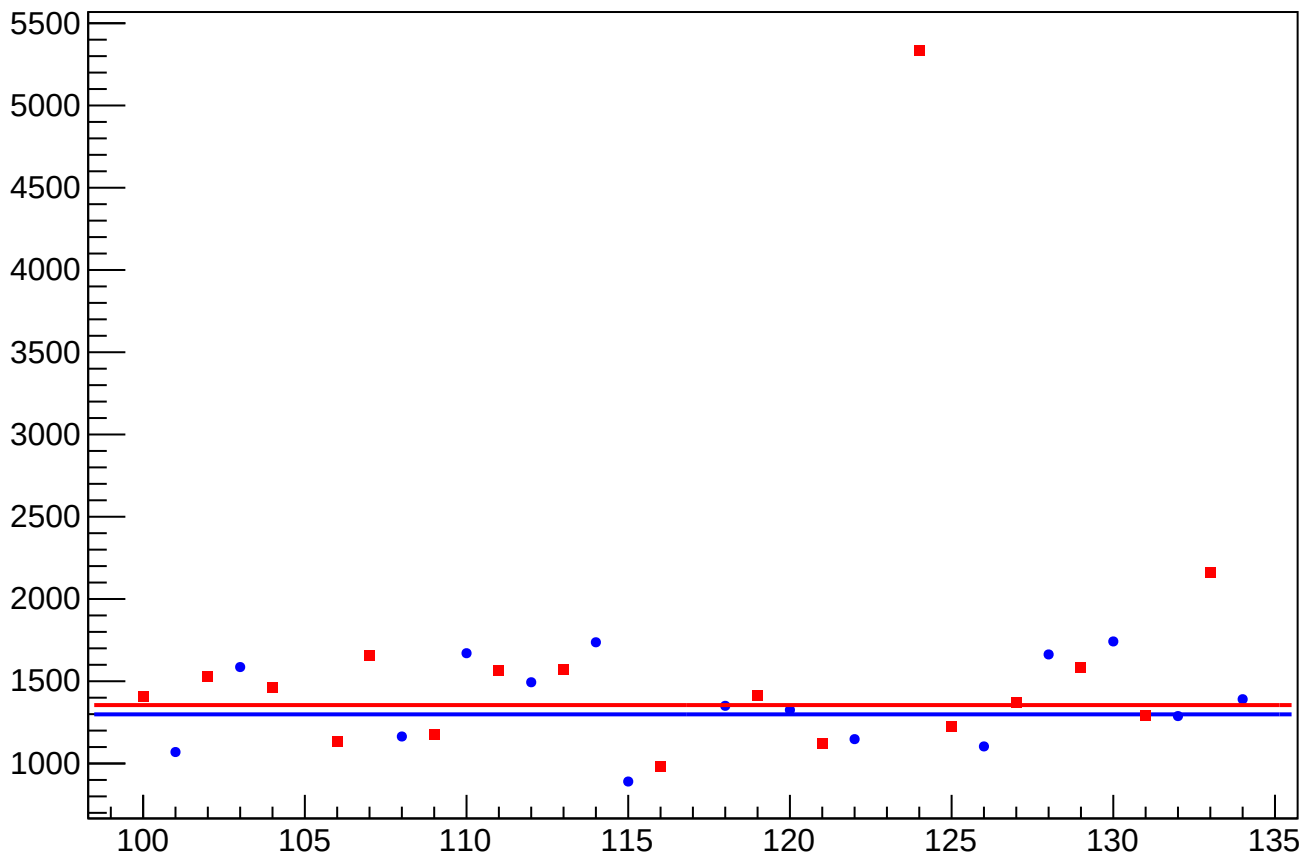
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 688.977+/-375.396 χ^2/NDF : 31.1/31

- sign 0.000+/-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

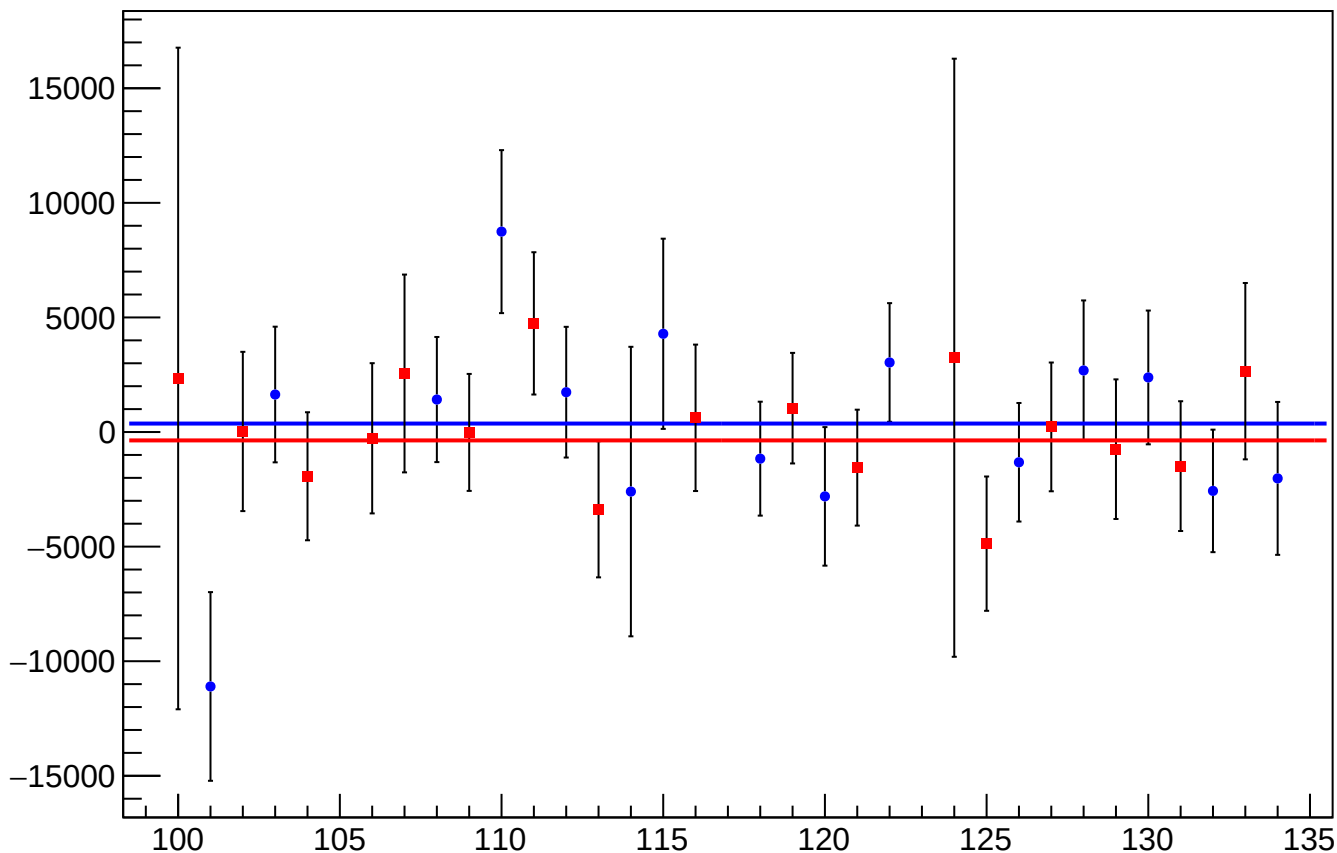
Right Out: 1355.119+/-0.379 χ^2/NDF : 556398.8/16

All: 1326.458+/-0.265 χ^2/NDF : 964403.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 369.542 $\pm$ 786.441 χ^2 /NDF: 20.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -365.785 $\pm$ 765.056 χ^2 /NDF: 8.5/16

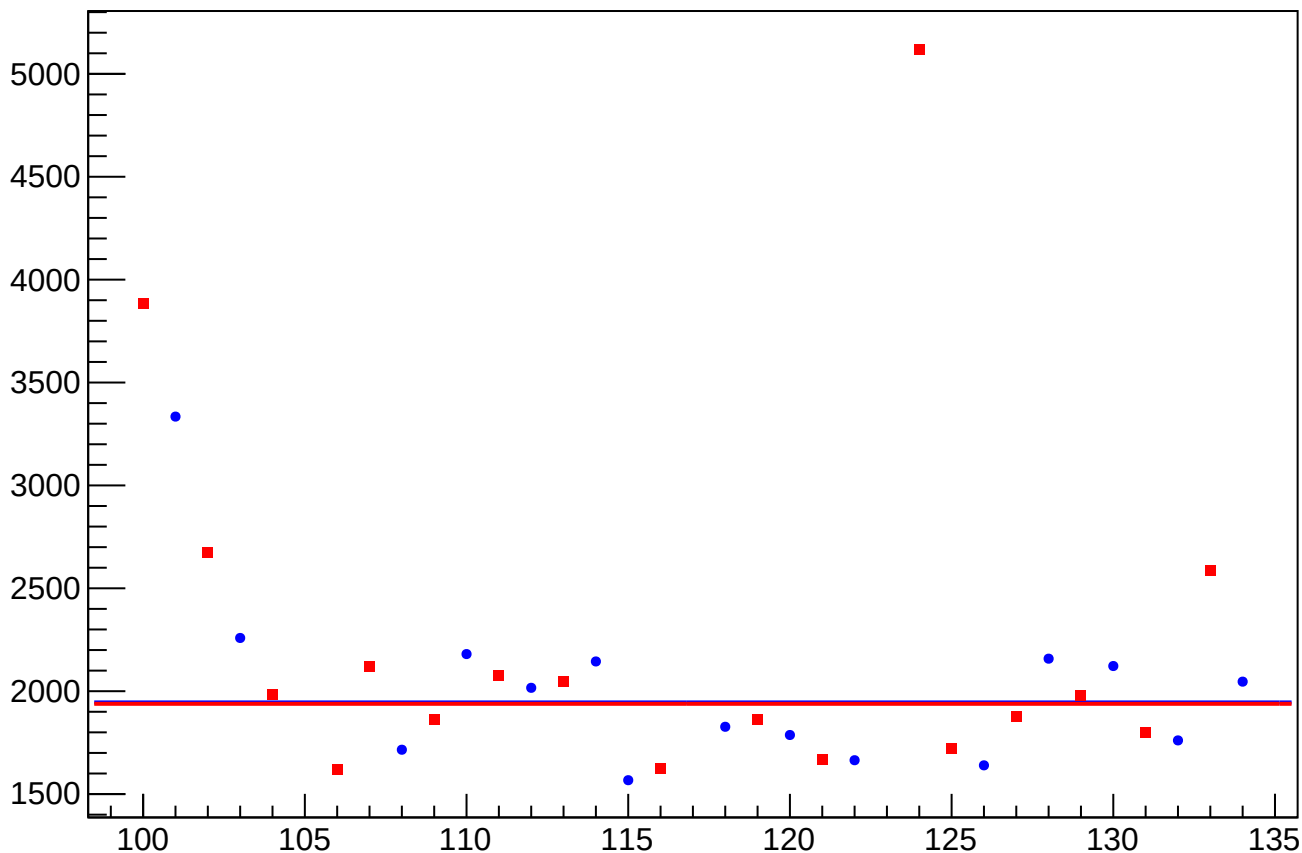
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -8.255 $\pm$ 548.381 χ^2 /NDF: 29.7/31

- sign 0.000 $\pm$ 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

Right Out: 1938.744+/-0.541 χ^2/NDF : 394697.6/16

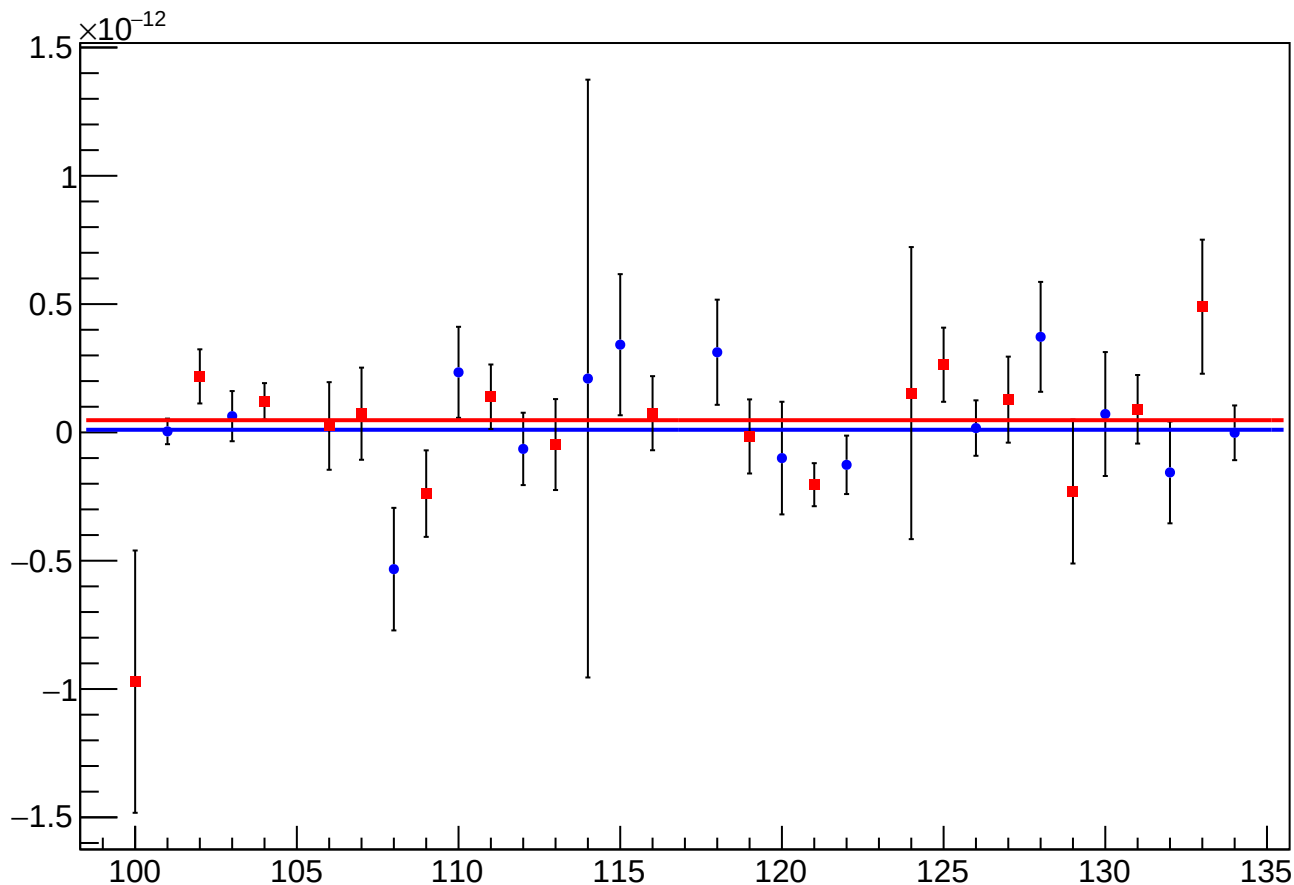
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1941.985+/-0.388 χ^2/NDF : 777546.6/31

- sign 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 : 27.0/16

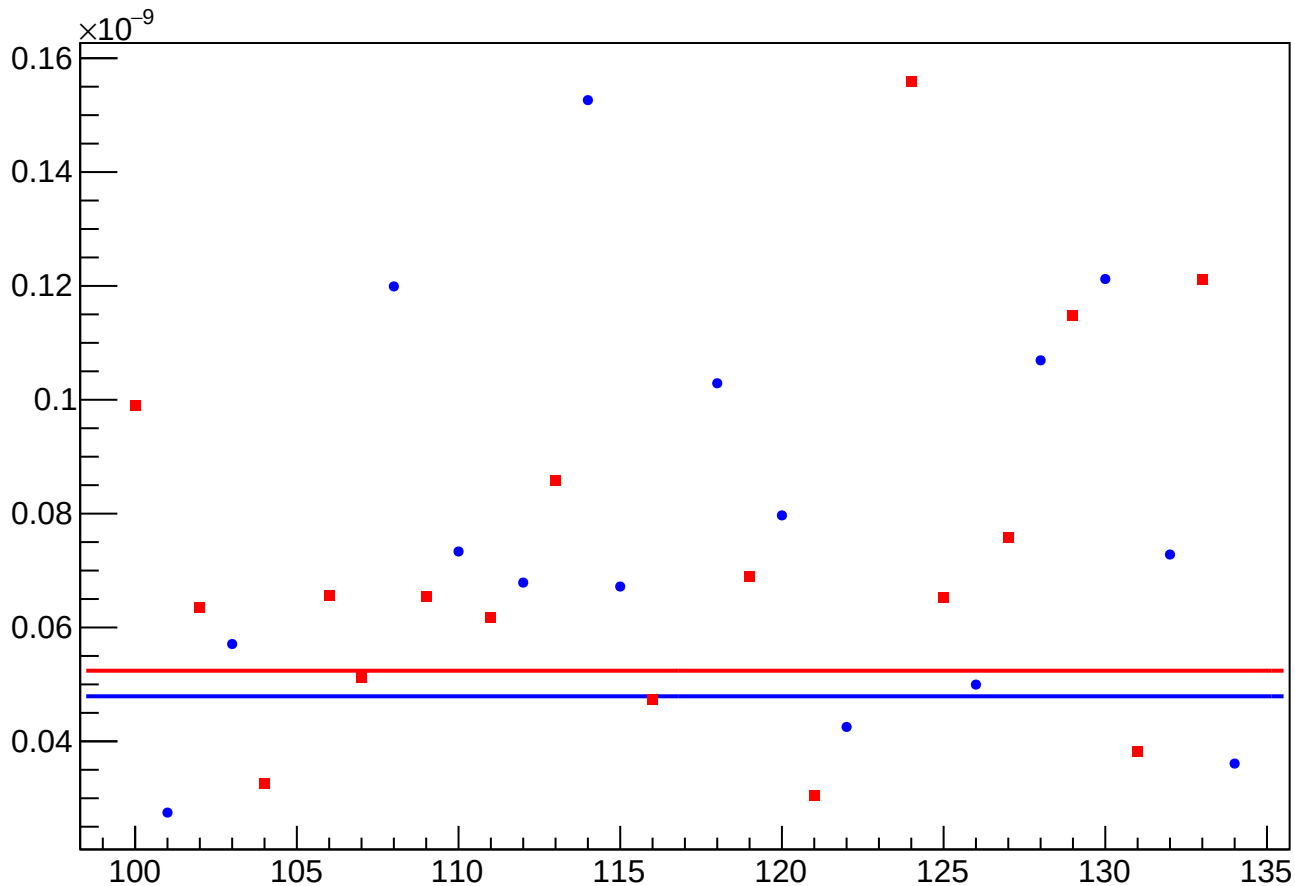
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 44.1/31

- 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+/-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 : 844884.2/16

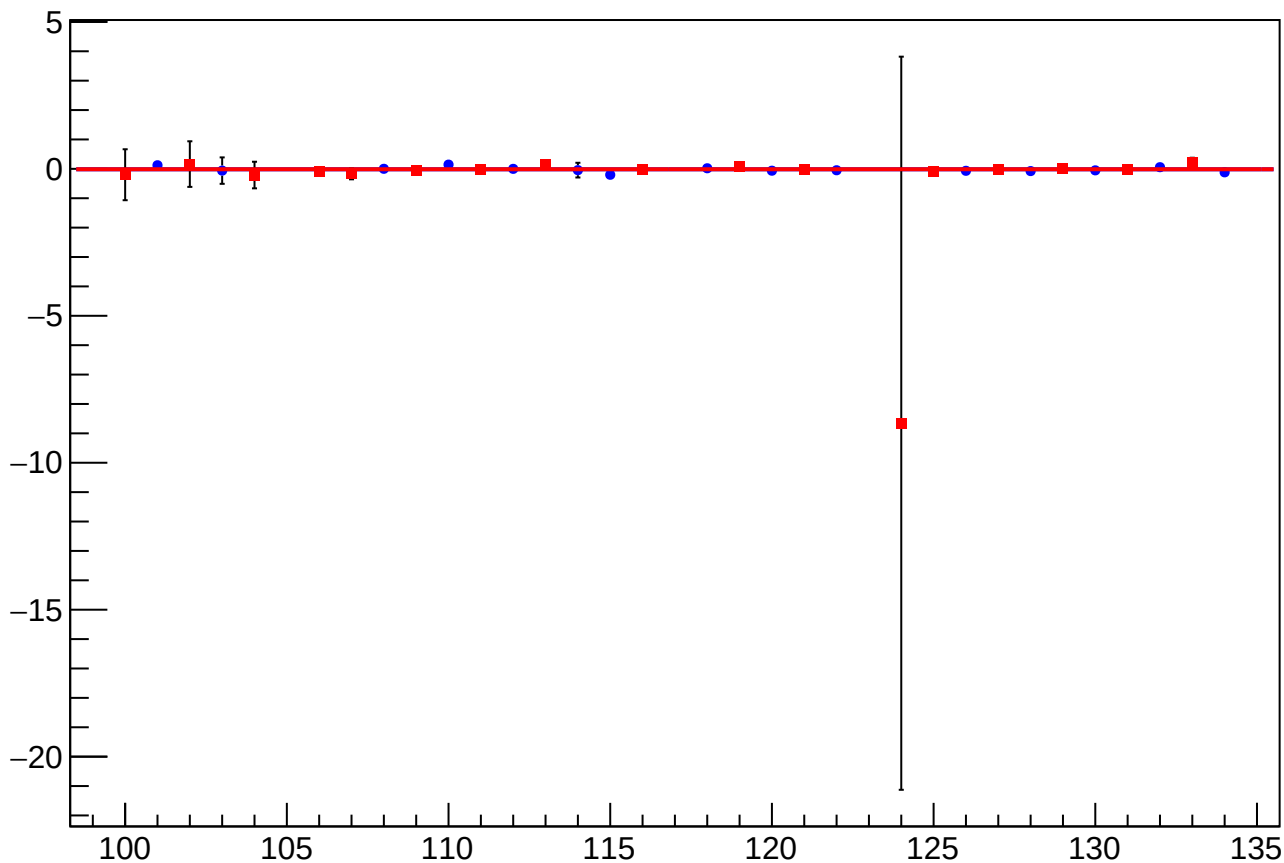
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2090533.9/31

- sign 0.000+/-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: -0.014+/-0.019 χ^2/NDF : 12.5/16

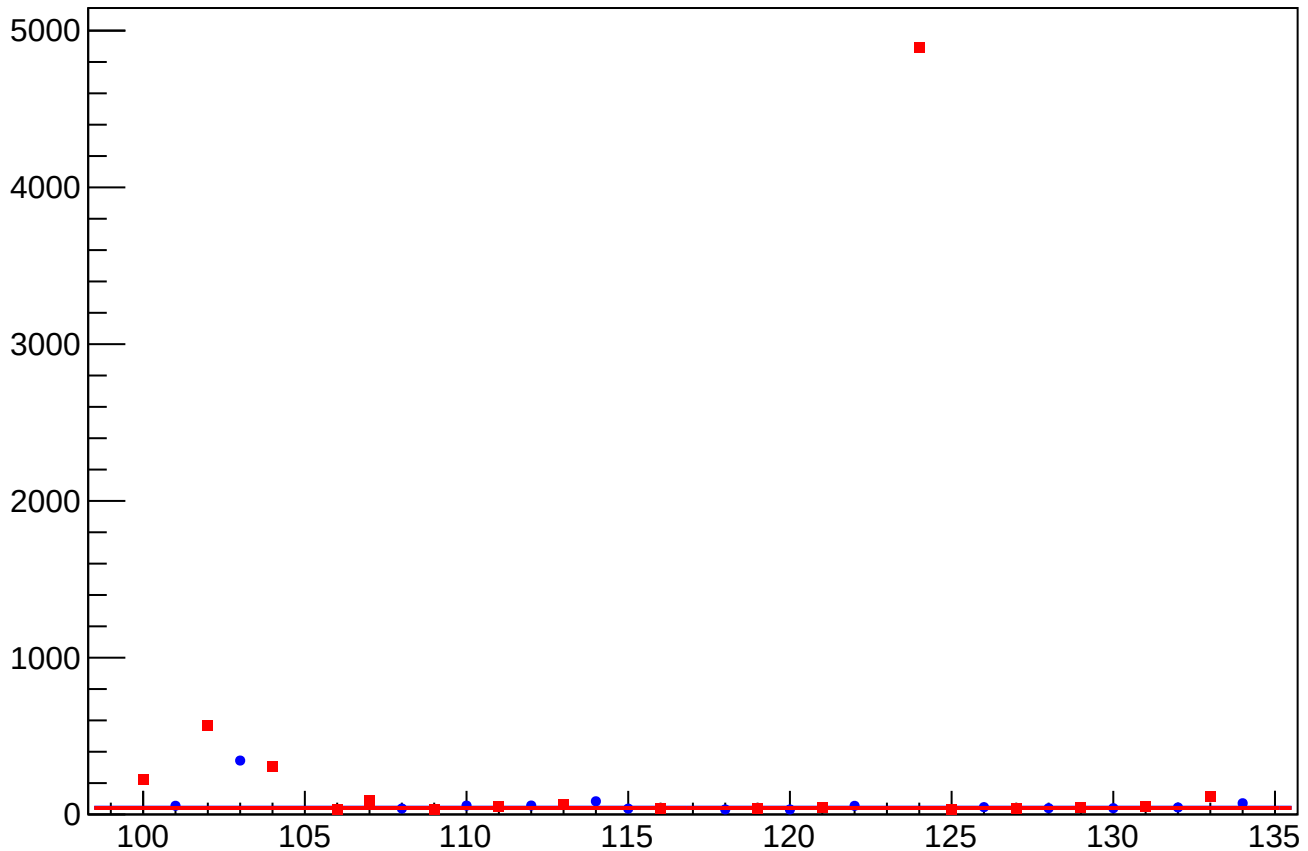
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.015+/-0.014 χ^2/NDF : 26.8/31

- 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+/-0.014 χ^2/NDF : 1466685.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.239+/-0.014 χ^2/NDF : 2799445.4/16

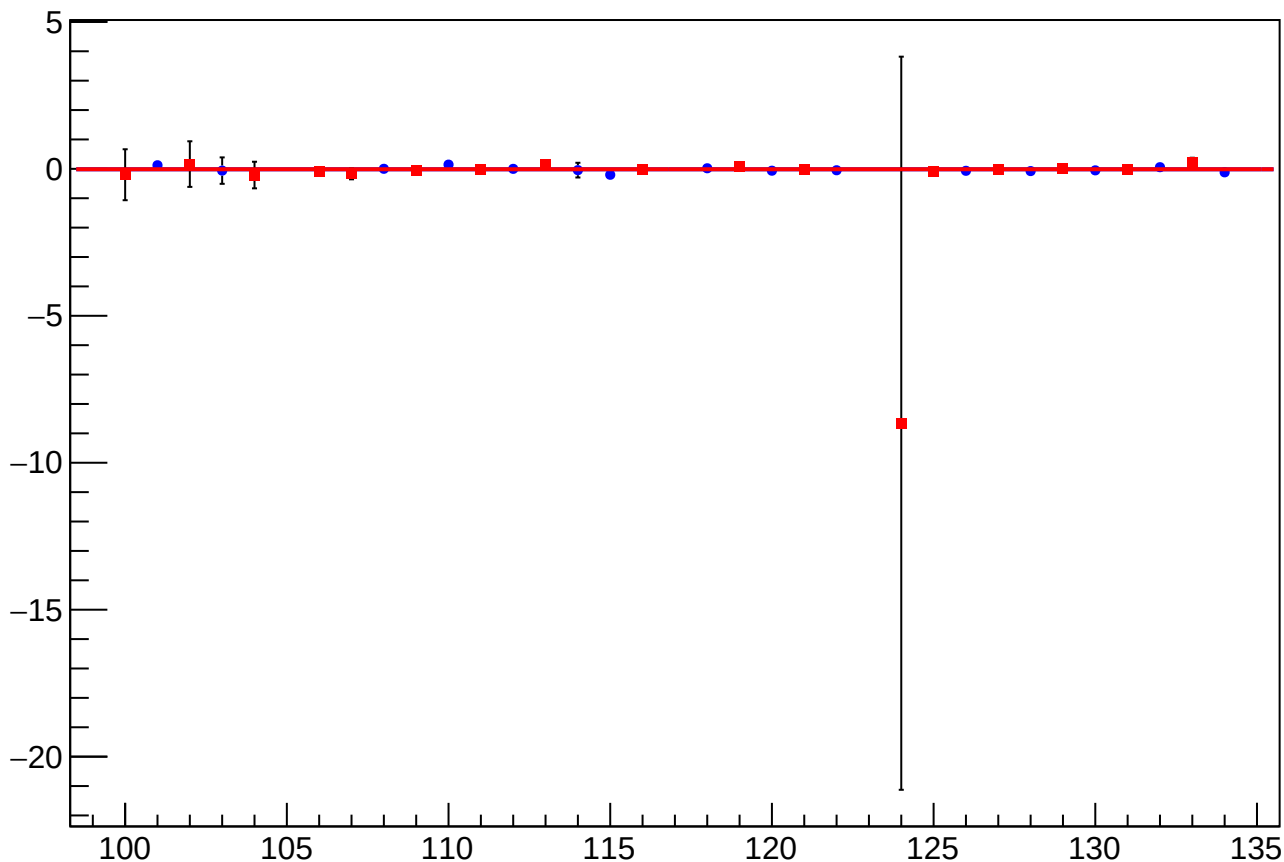
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.129+/-0.010 χ^2/NDF : 4274447.3/31

- sign 0.000+/-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: -0.014 $\pm$ 0.019 χ^2 /NDF: 12.5/16

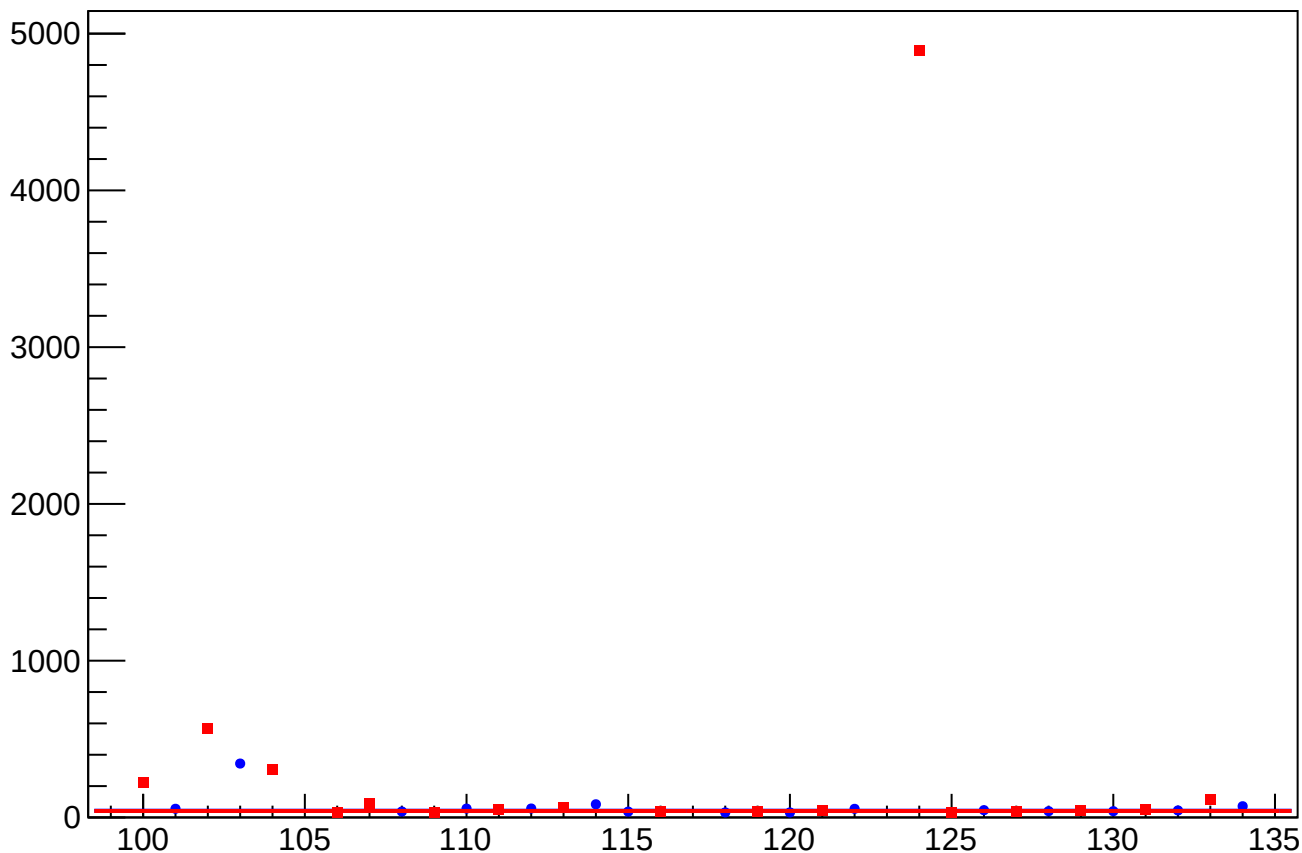
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.015 $\pm$ 0.014 χ^2 /NDF: 26.8/31

- 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: 41.239 $\pm$ 0.014 χ^2 /NDF: 2799445.4/16

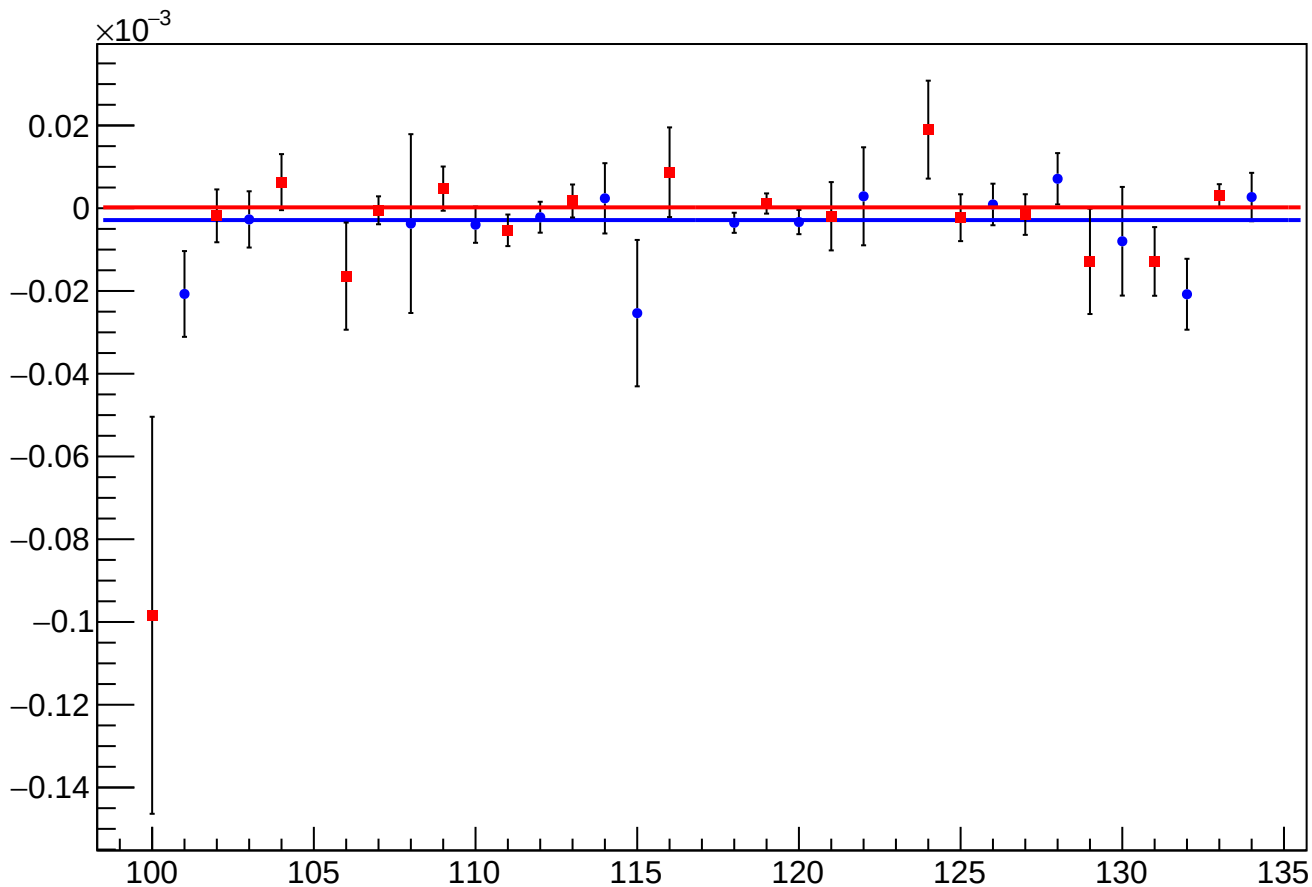
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 42.129 $\pm$ 0.010 χ^2 /NDF: 4274447.3/31

- 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 : 17.9/16

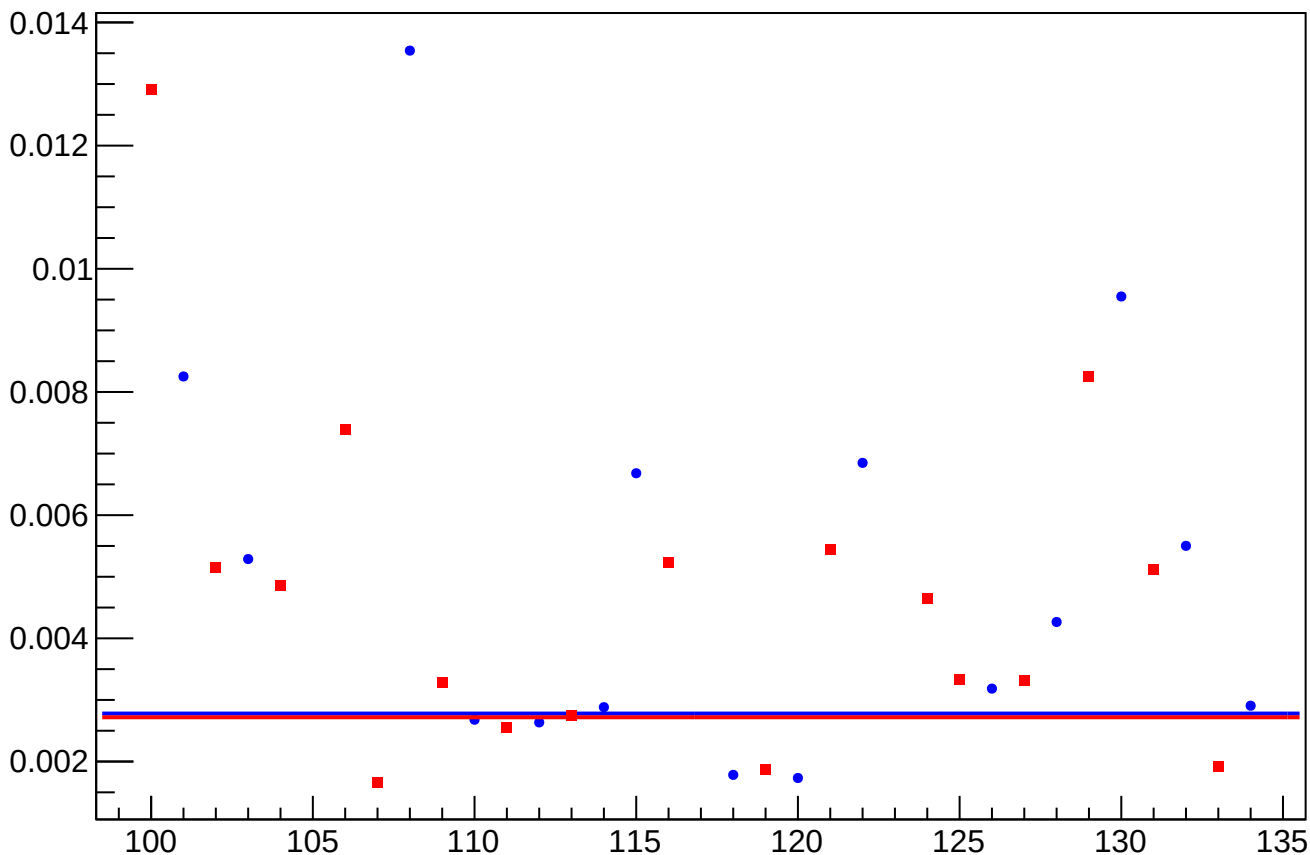
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 35.0/31

- 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 : 2442211.3/16

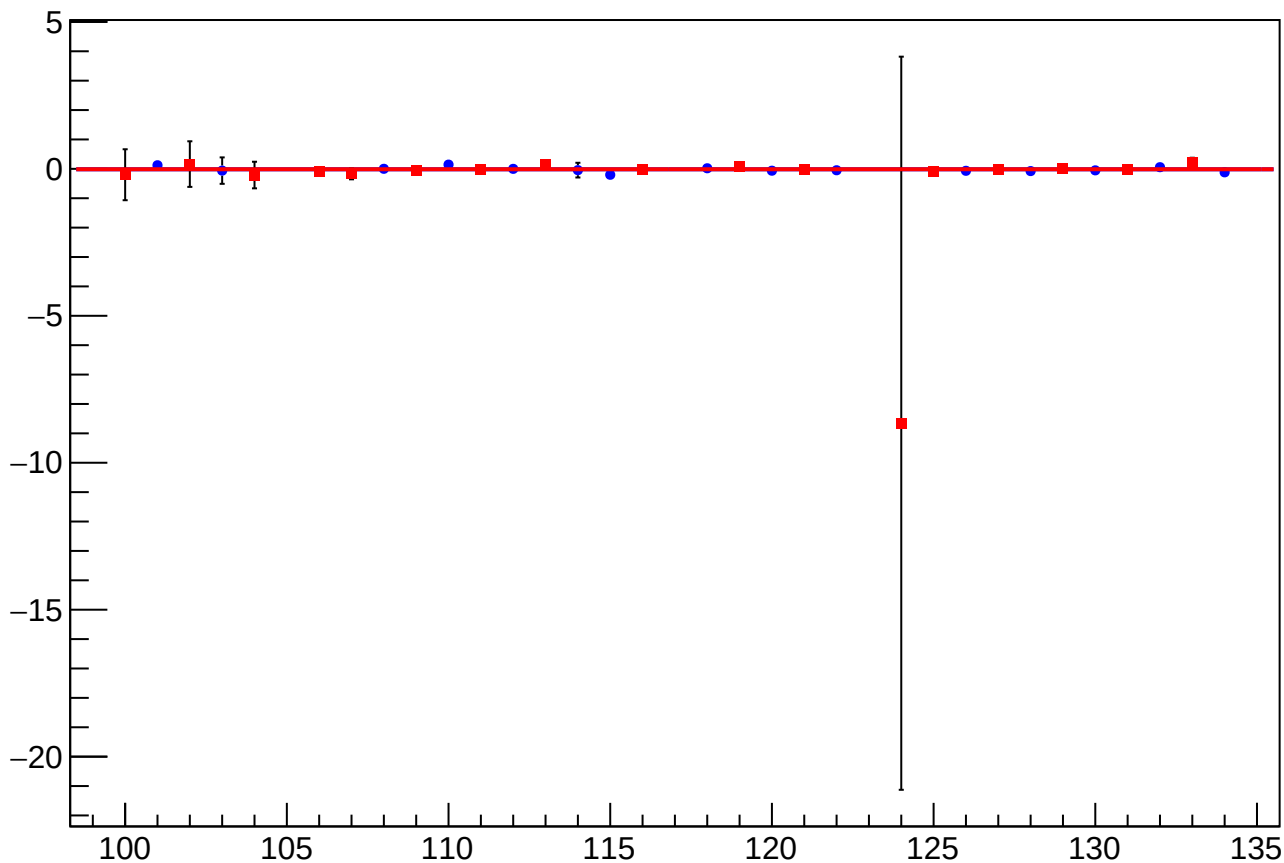
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 5561533.5/31

- 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 ± 0.019 χ^2/NDF : 14.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.014 ± 0.019 χ^2/NDF : 12.5/16

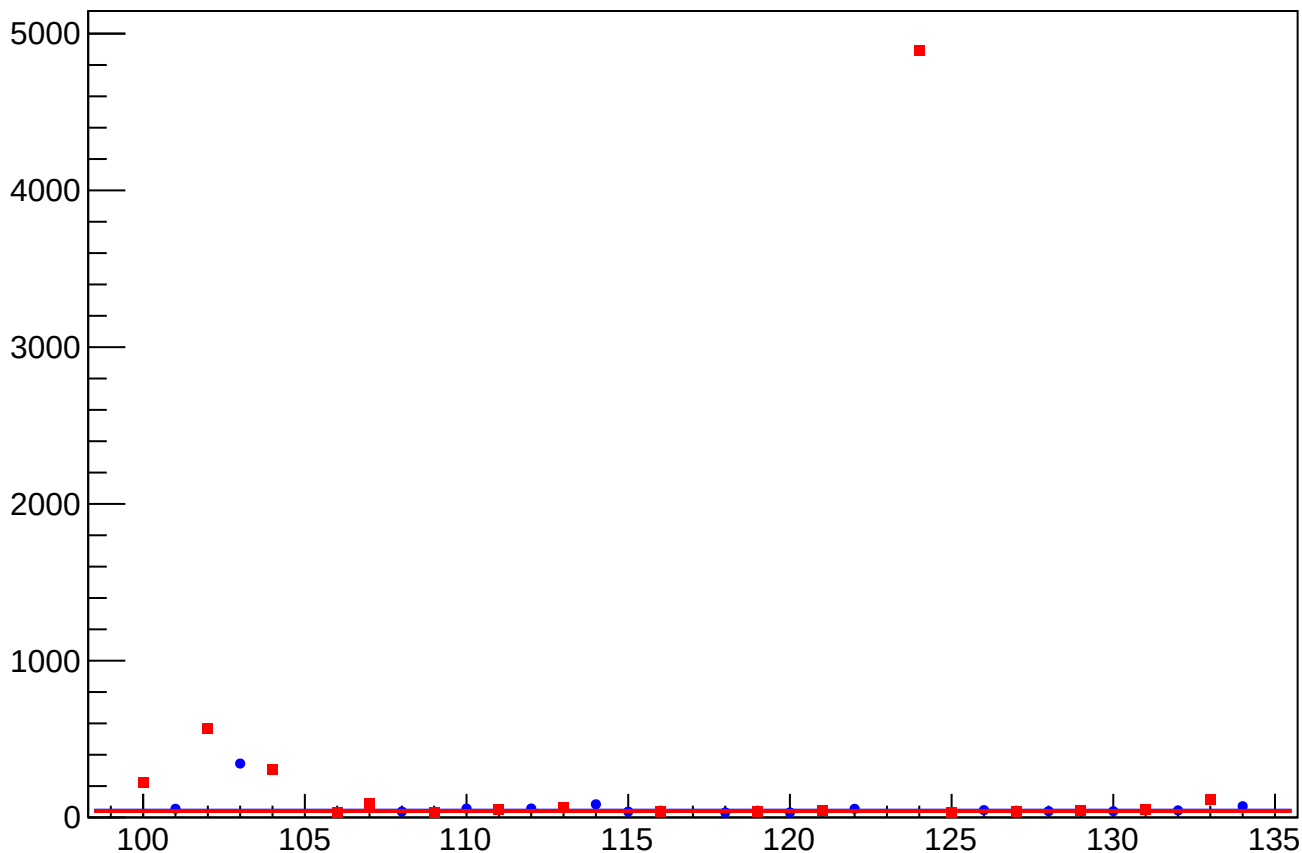
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.014 χ^2/NDF : 26.8/31

- sign 0.000 ± 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: 41.238 $\pm$ 0.014 χ^2 /NDF: 2799499.6/16

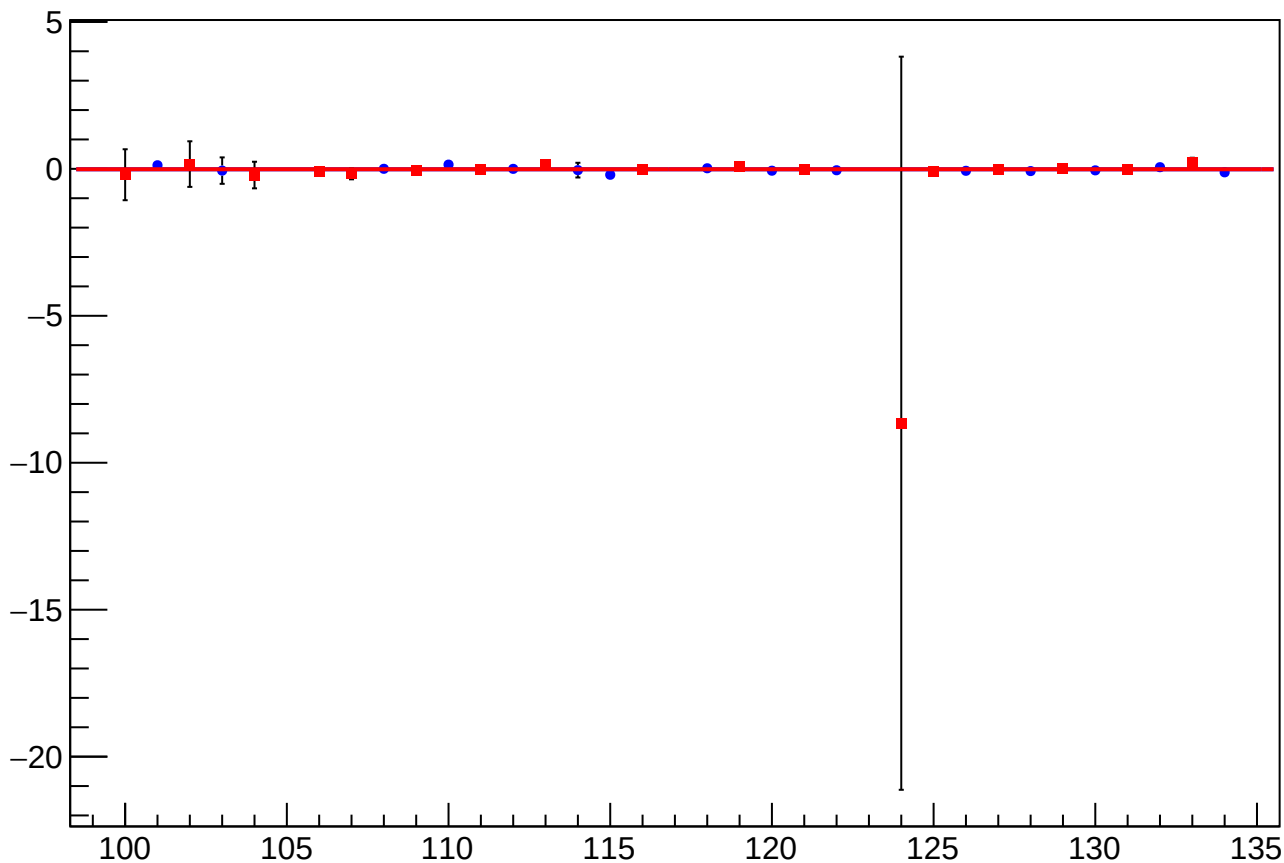
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 42.128 $\pm$ 0.010 χ^2 /NDF: 4274516.6/31

- 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: -0.014 $\pm$ 0.019 χ^2 /NDF: 12.5/16

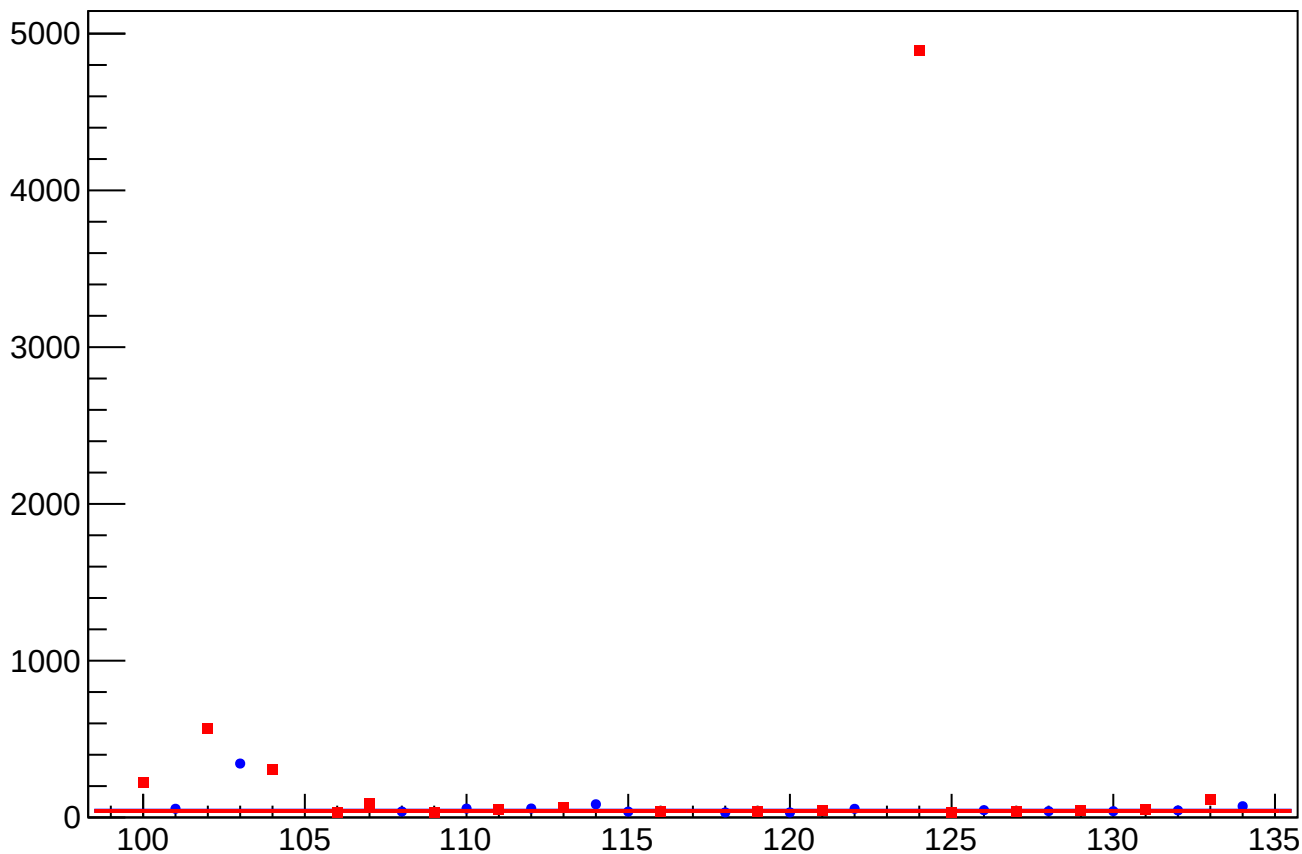
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.015 $\pm$ 0.014 χ^2 /NDF: 26.8/31

- 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: 41.238 $\pm$ 0.014 χ^2 /NDF: 2799499.6/16

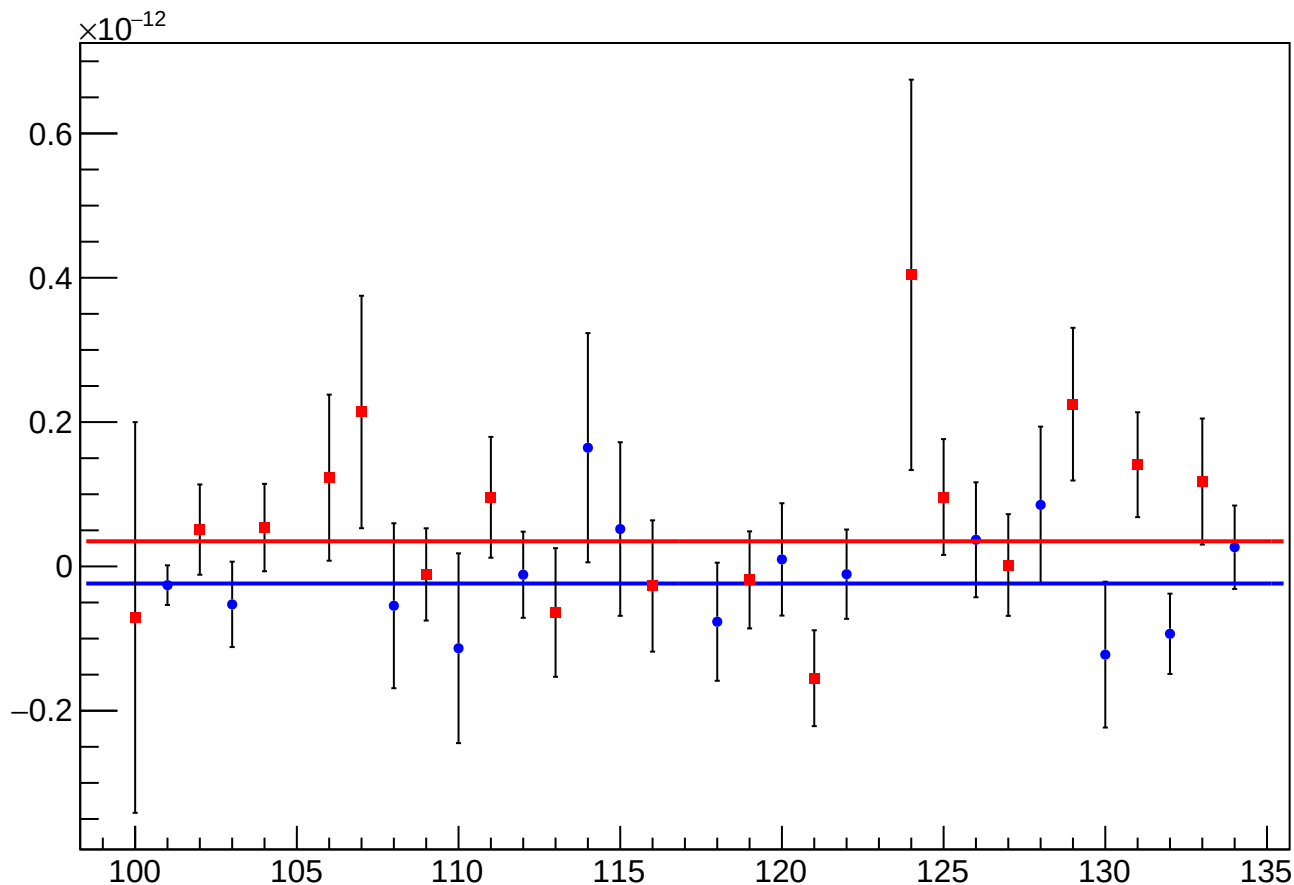
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 42.128 $\pm$ 0.010 χ^2 /NDF: 4274516.6/31

- 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 : 22.6/16

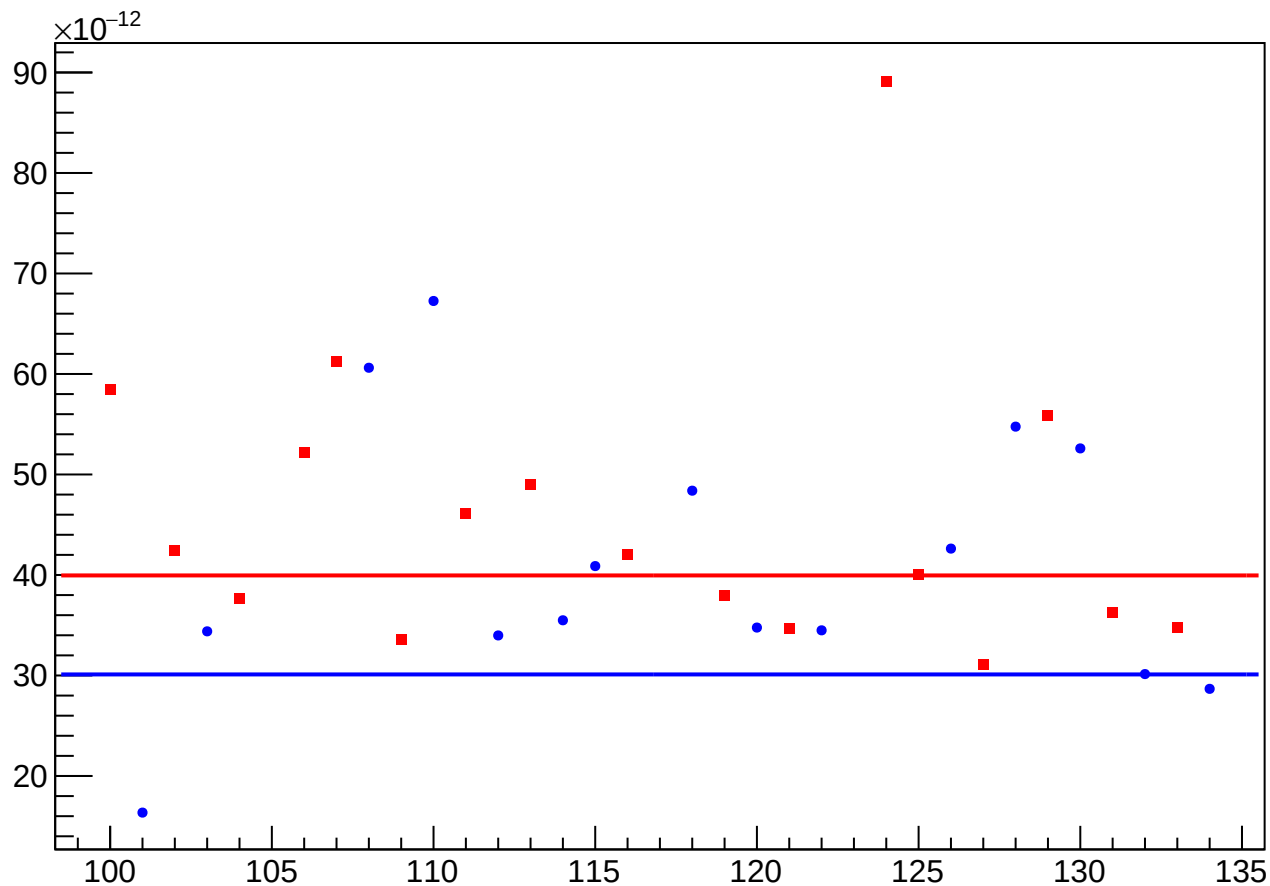
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 35.8/31

- 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 : 294973.2/16

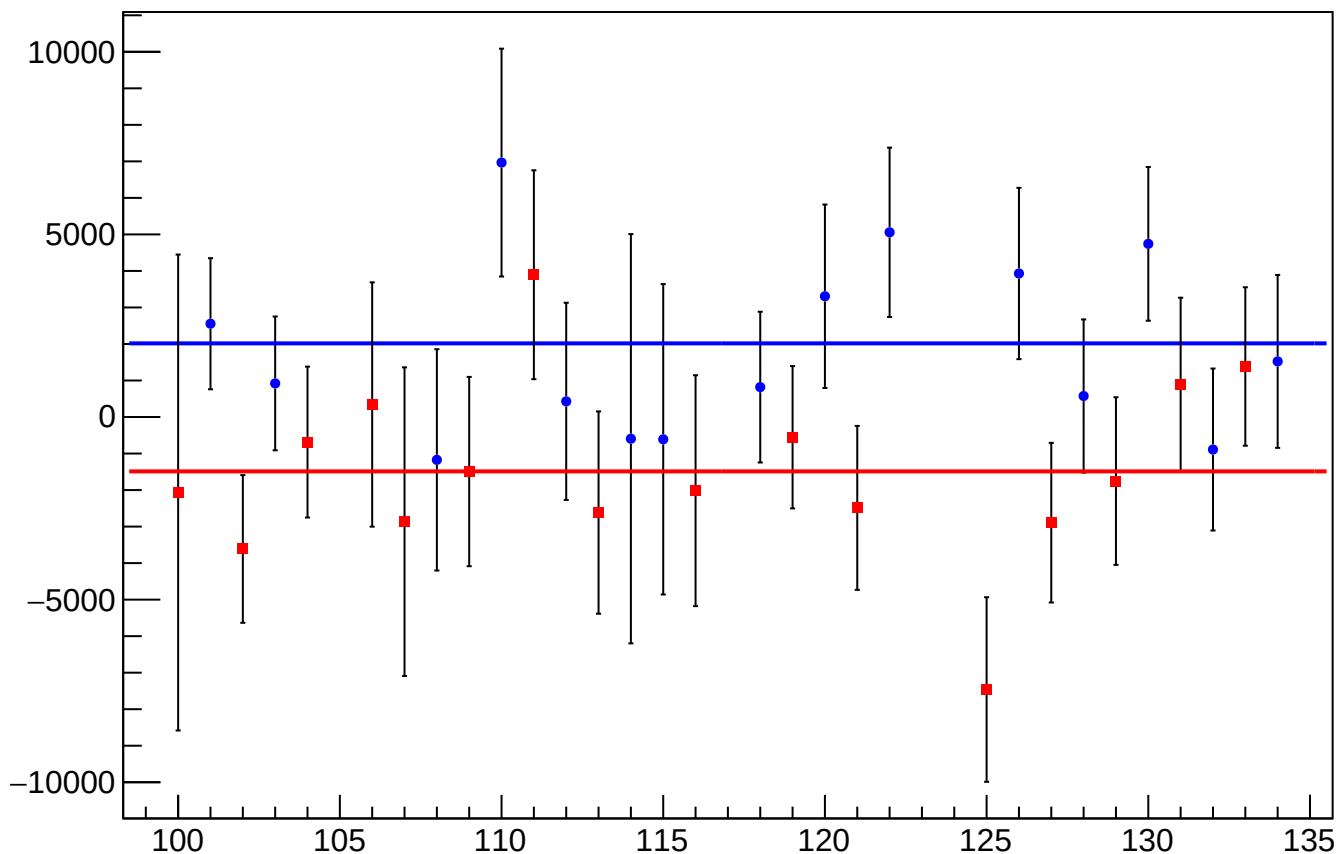
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1797004.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_avg_mean vs Slug



Right In: 2016.828 $\pm$ 615.398 χ^2 /NDF: 11.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1488.310 $\pm$ 625.371 χ^2 /NDF: 14.6/15

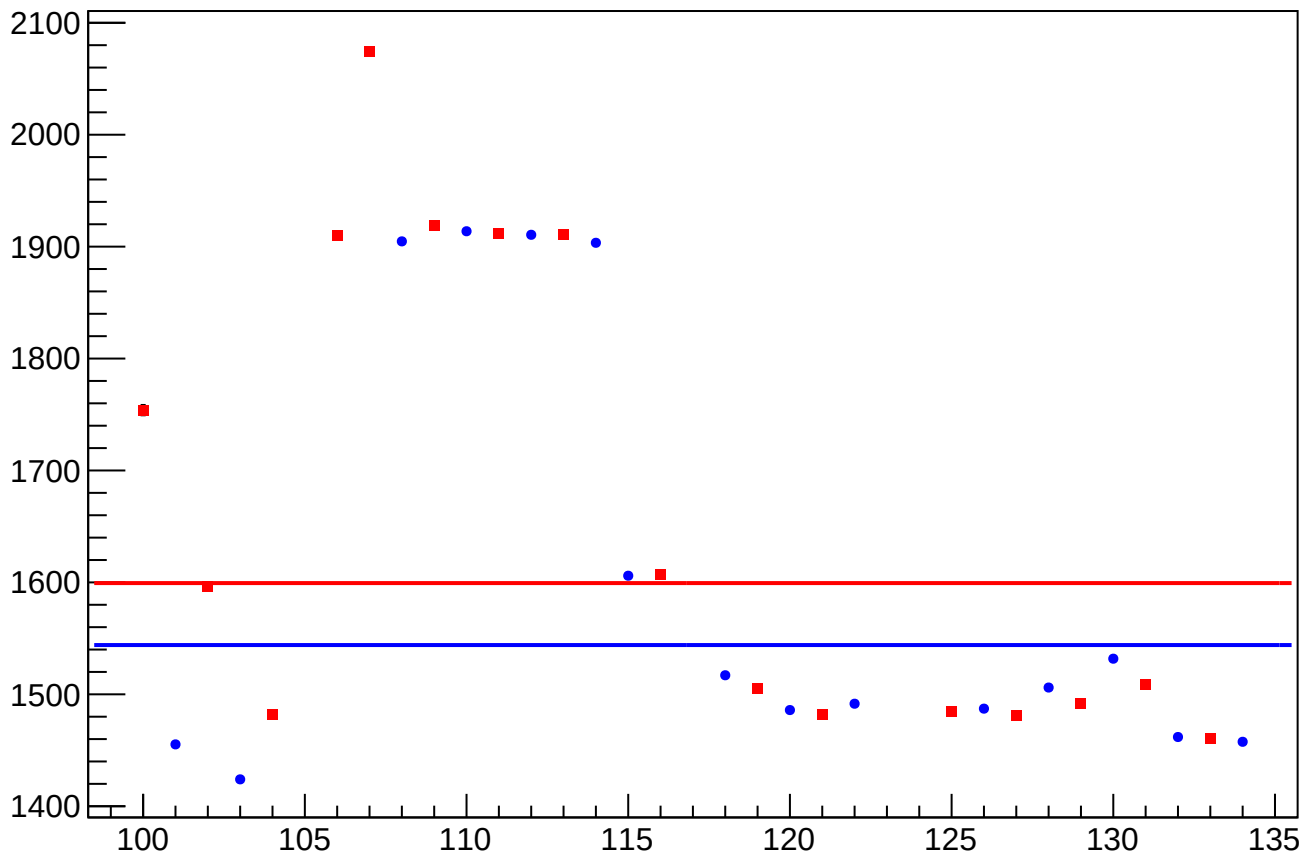
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 292.430 $\pm$ 438.636 χ^2 /NDF: 42.5/30

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_avg_rms vs Slug



Right In: 1544.019 $\pm$ 0.435 χ^2 /NDF: 125172.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1599.389 $\pm$ 0.442 χ^2 /NDF: 165356.1/15

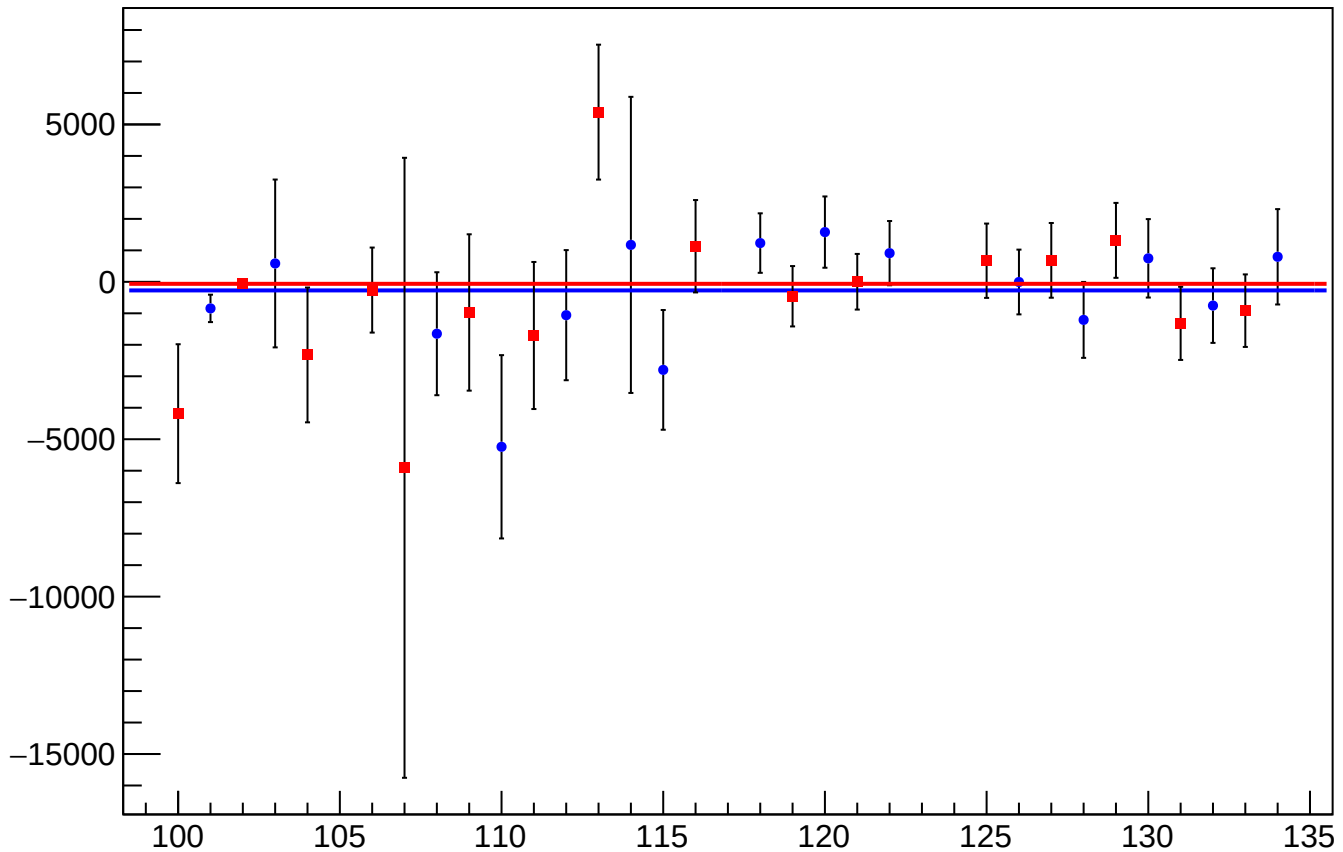
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1571.259 $\pm$ 0.310 χ^2 /NDF: 298494.3/30

- sign 0.000 $\pm$ 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: -63.086+/-128.338 χ^2/NDF : 16.8/15

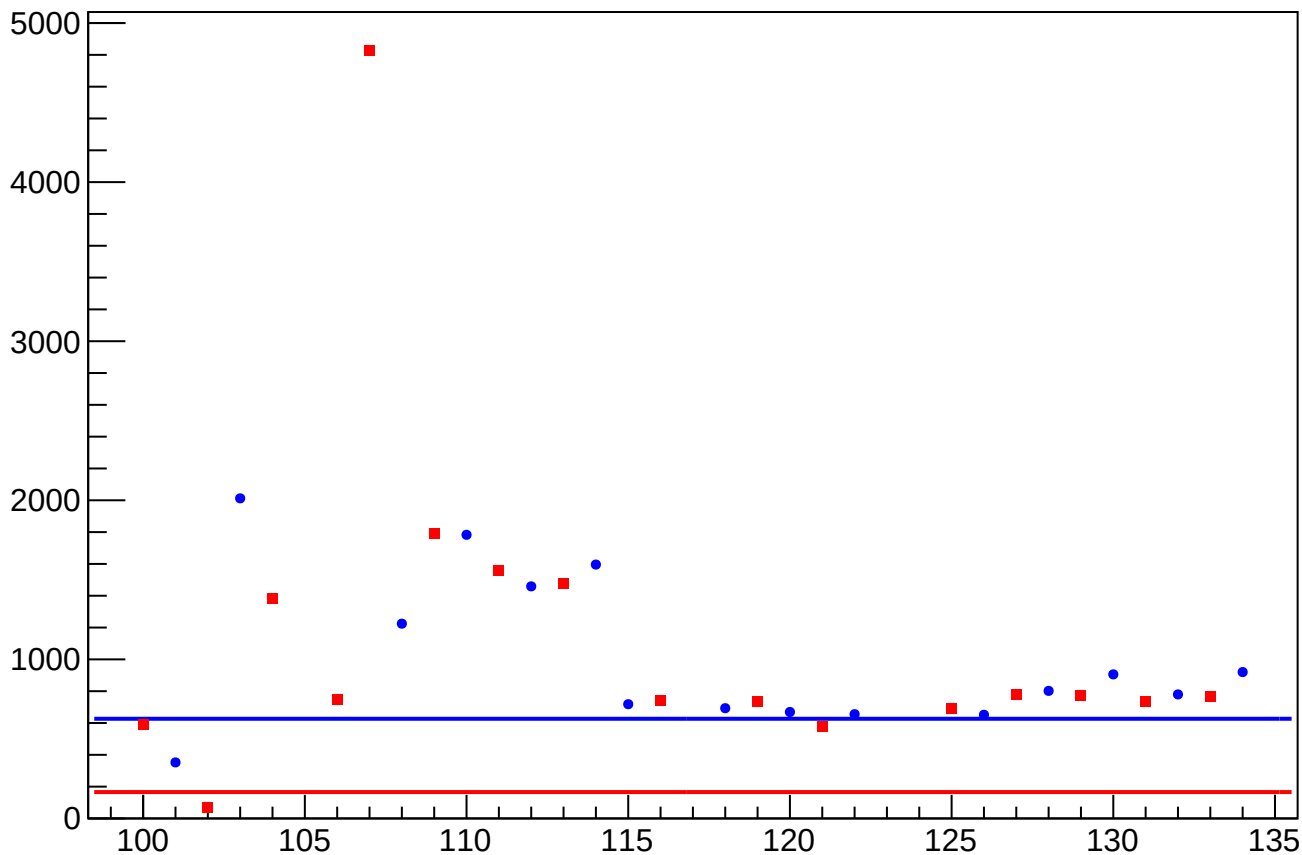
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -99.200+/-116.761 χ^2/NDF : 33.0/30

- 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: 165.833+/-0.091 χ^2/NDF : 8753401.1/15

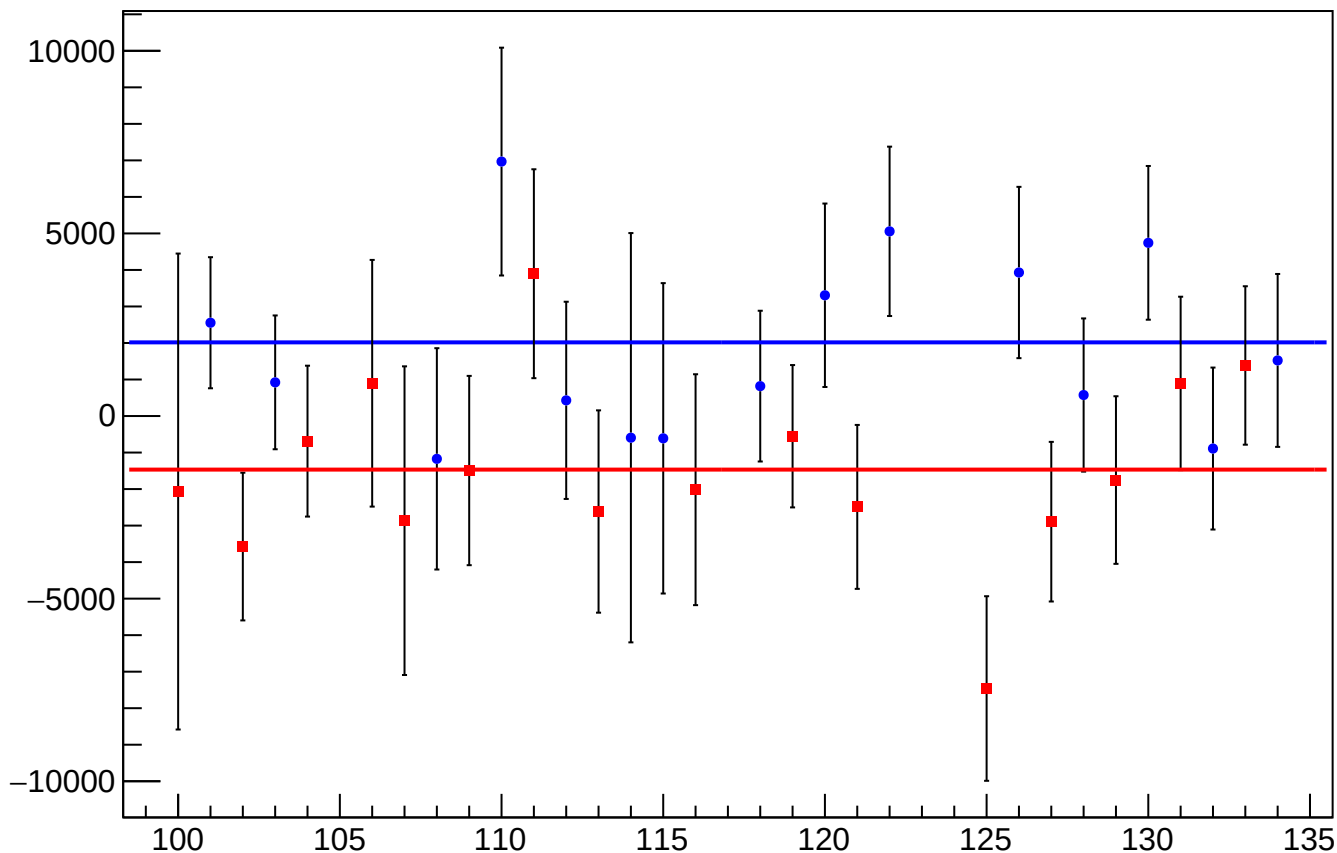
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.230+/-0.083 χ^2/NDF : 15714742.0/30

- 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: -1466.775 $\pm$ 625.588 χ^2 /NDF: 14.8/15

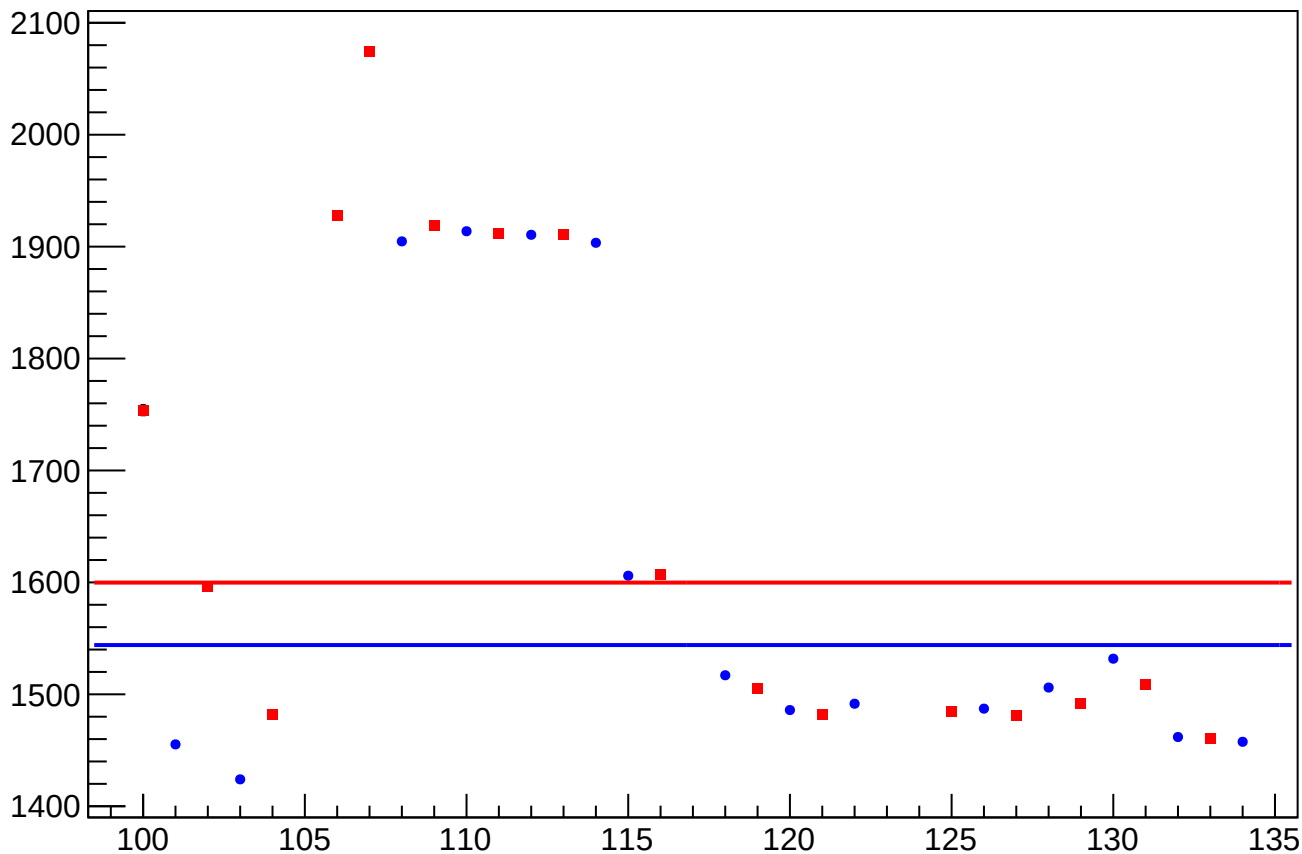
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 303.696 $\pm$ 438.710 χ^2 /NDF: 42.4/30

- 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: 1599.831+/-0.442 χ^2/NDF : 167081.3/15

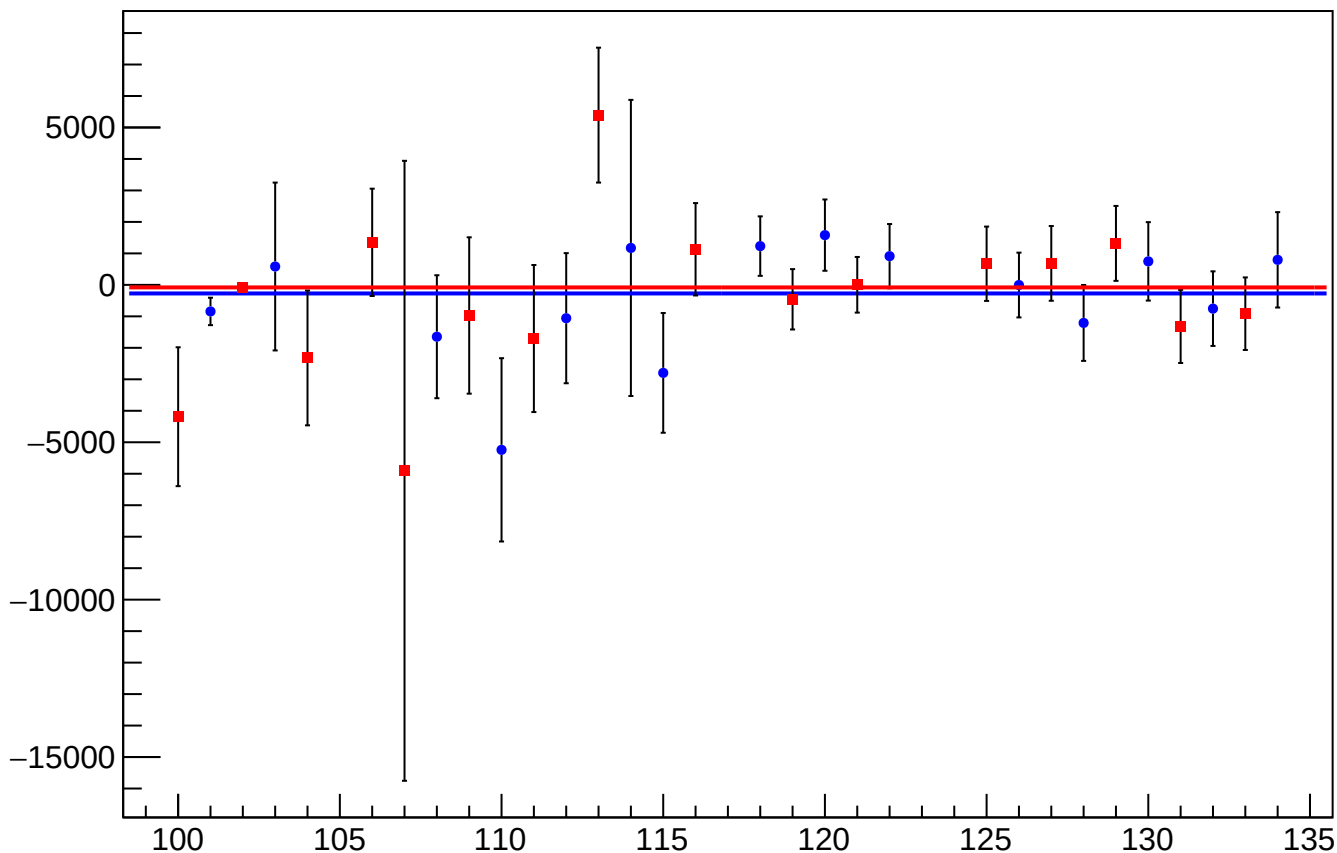
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1571.467+/-0.310 χ^2/NDF : 300344.0/30

- 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: -80.591+/-138.945 χ^2/NDF : 17.5/15

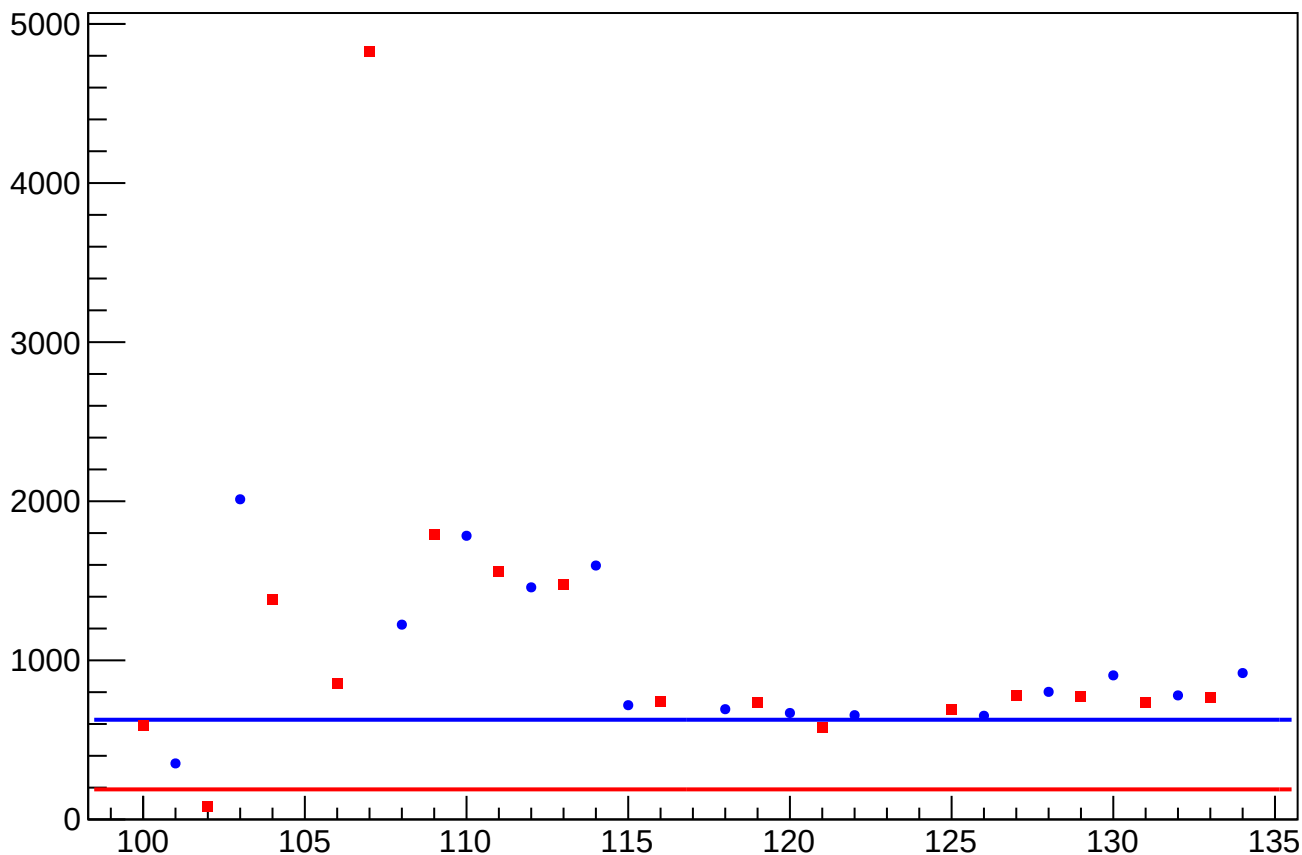
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -118.261+/-124.577 χ^2/NDF : 33.6/30

- 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: 189.005+/-0.098 χ^2/NDF : 8328963.4/15

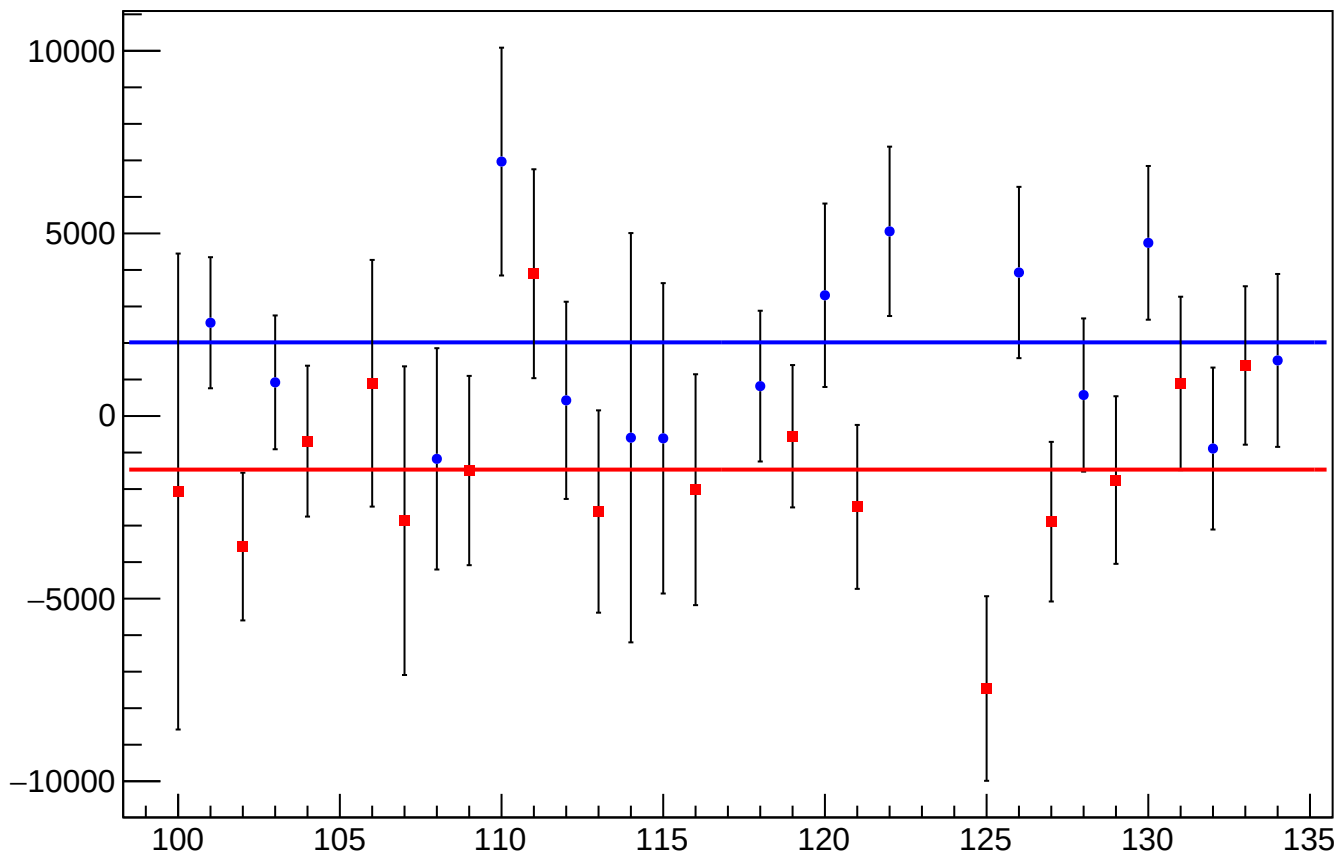
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 274.844+/-0.088 χ^2/NDF : 14739317.8/30

- 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: -1466.775 $\pm$ 625.588 χ^2 /NDF: 14.8/15

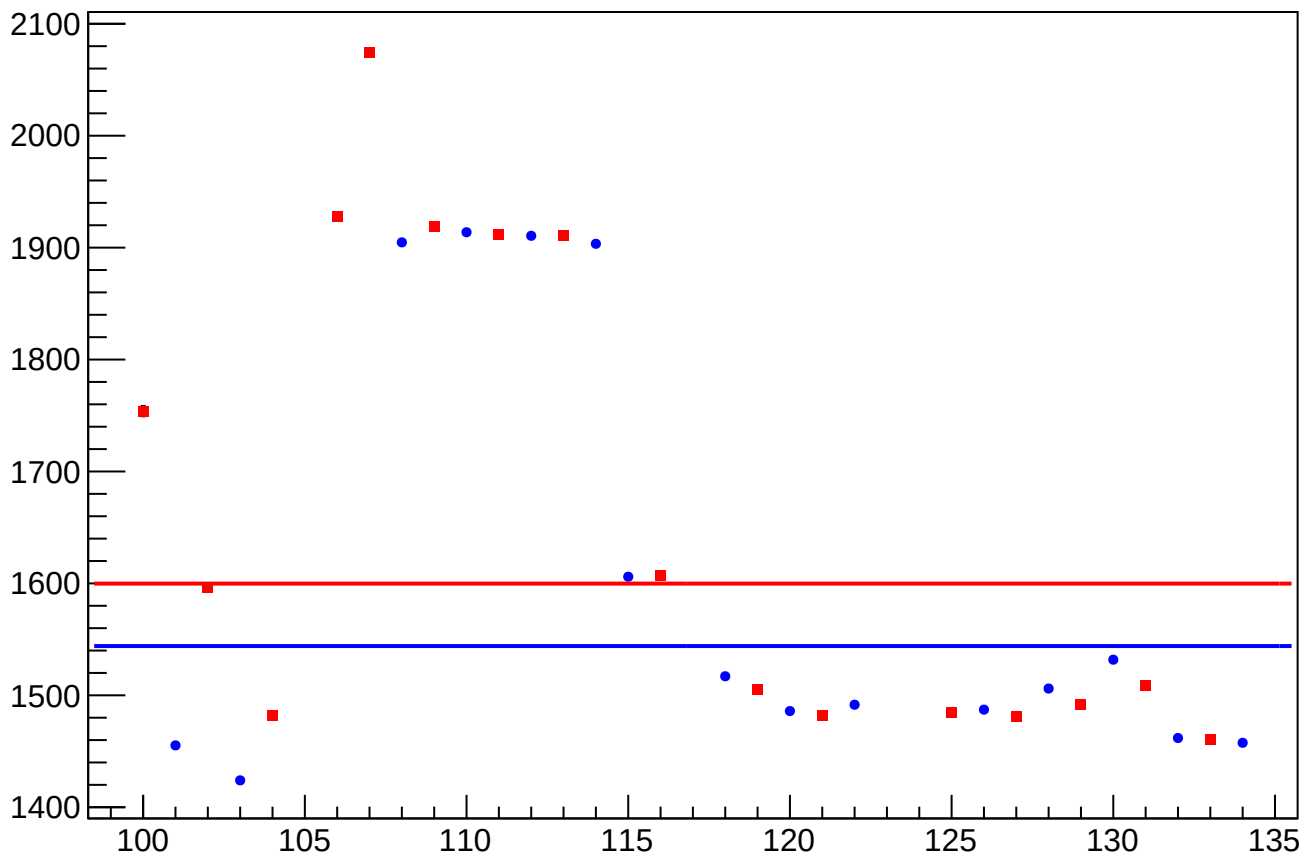
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 303.696 $\pm$ 438.710 χ^2 /NDF: 42.4/30

- 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: 1599.831+/-0.442 χ^2/NDF : 167081.3/15

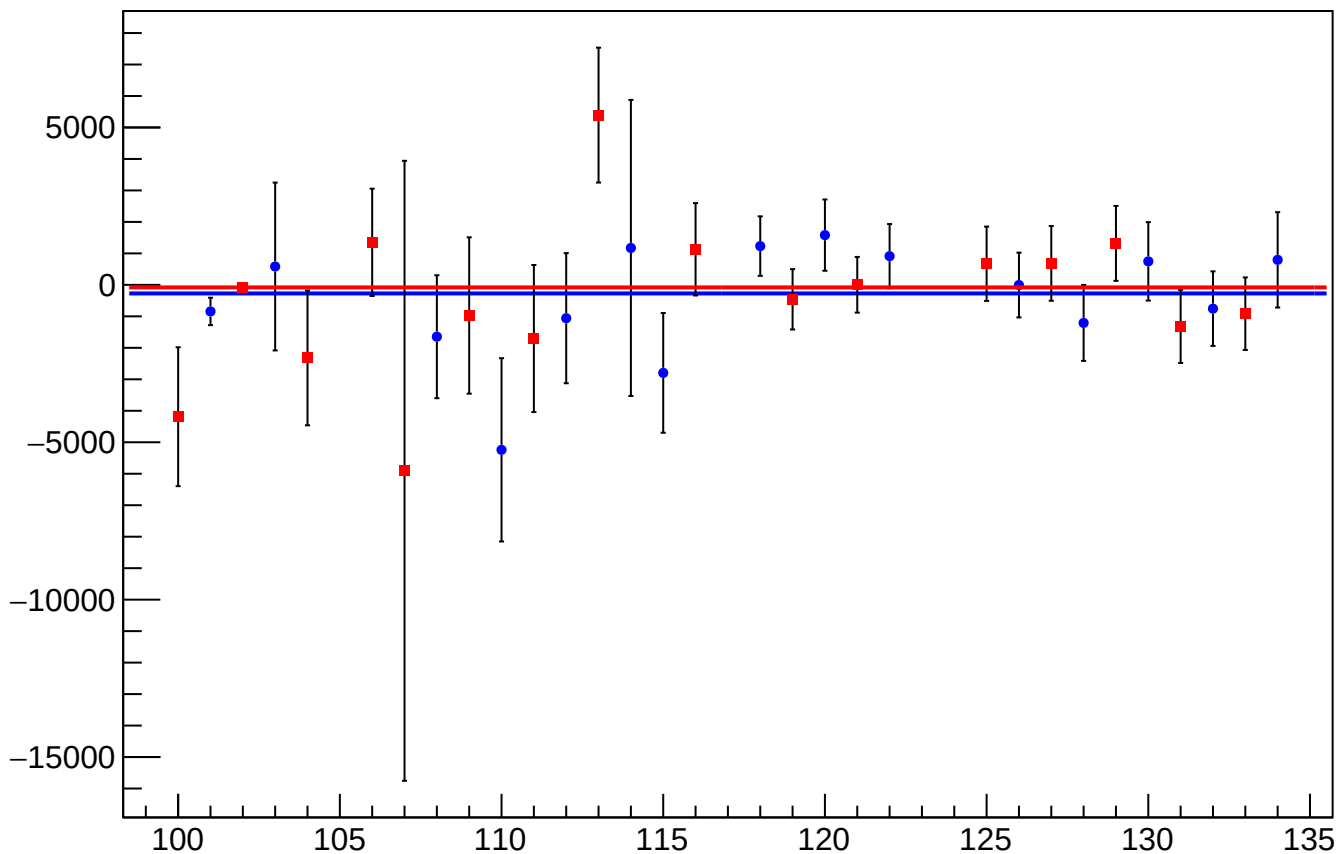
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1571.467+/-0.310 χ^2/NDF : 300344.0/30

- 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: -80.591+/-138.945 χ^2 /NDF: 17.5/15

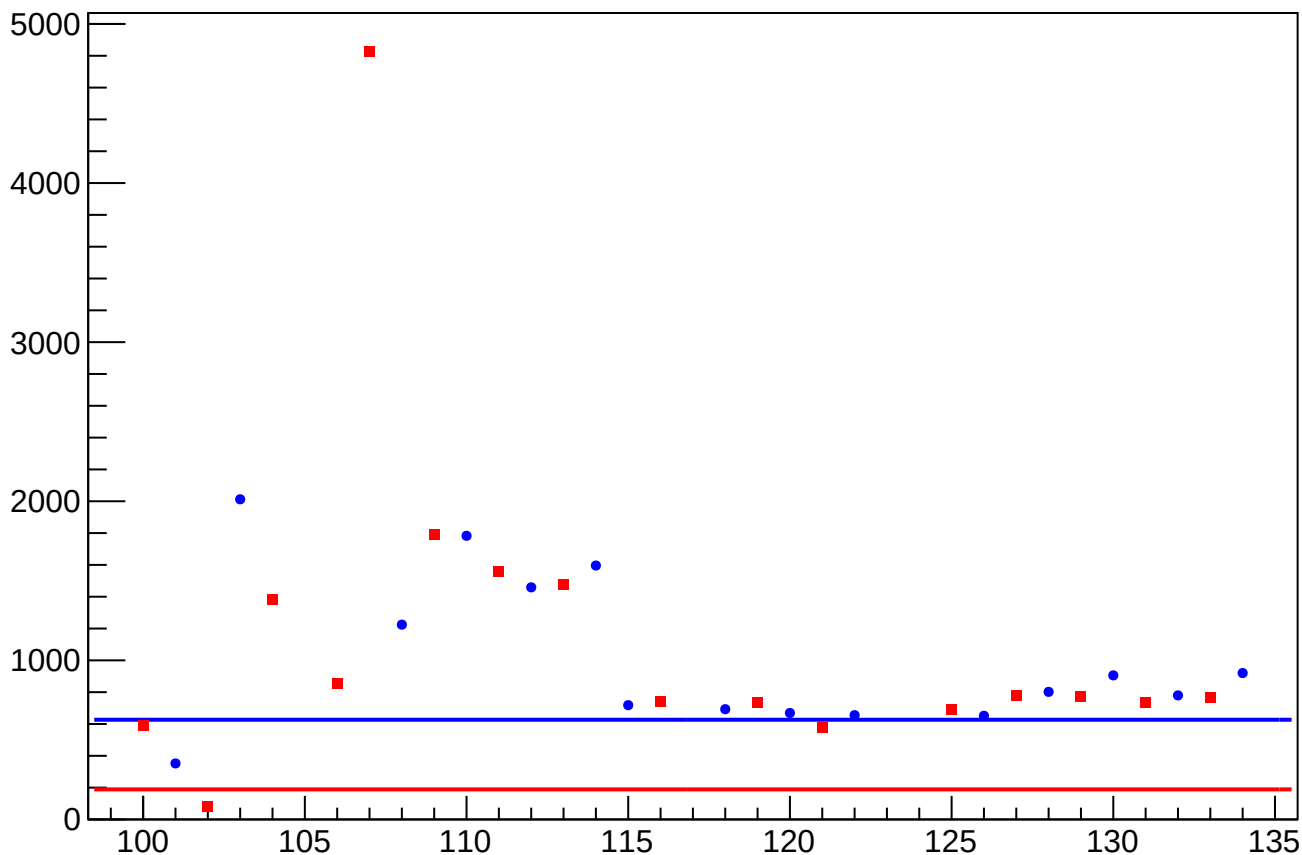
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -118.261+/-124.577 χ^2 /NDF: 33.6/30

- 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: 189.005+/-0.098 χ^2/NDF : 8328963.4/15

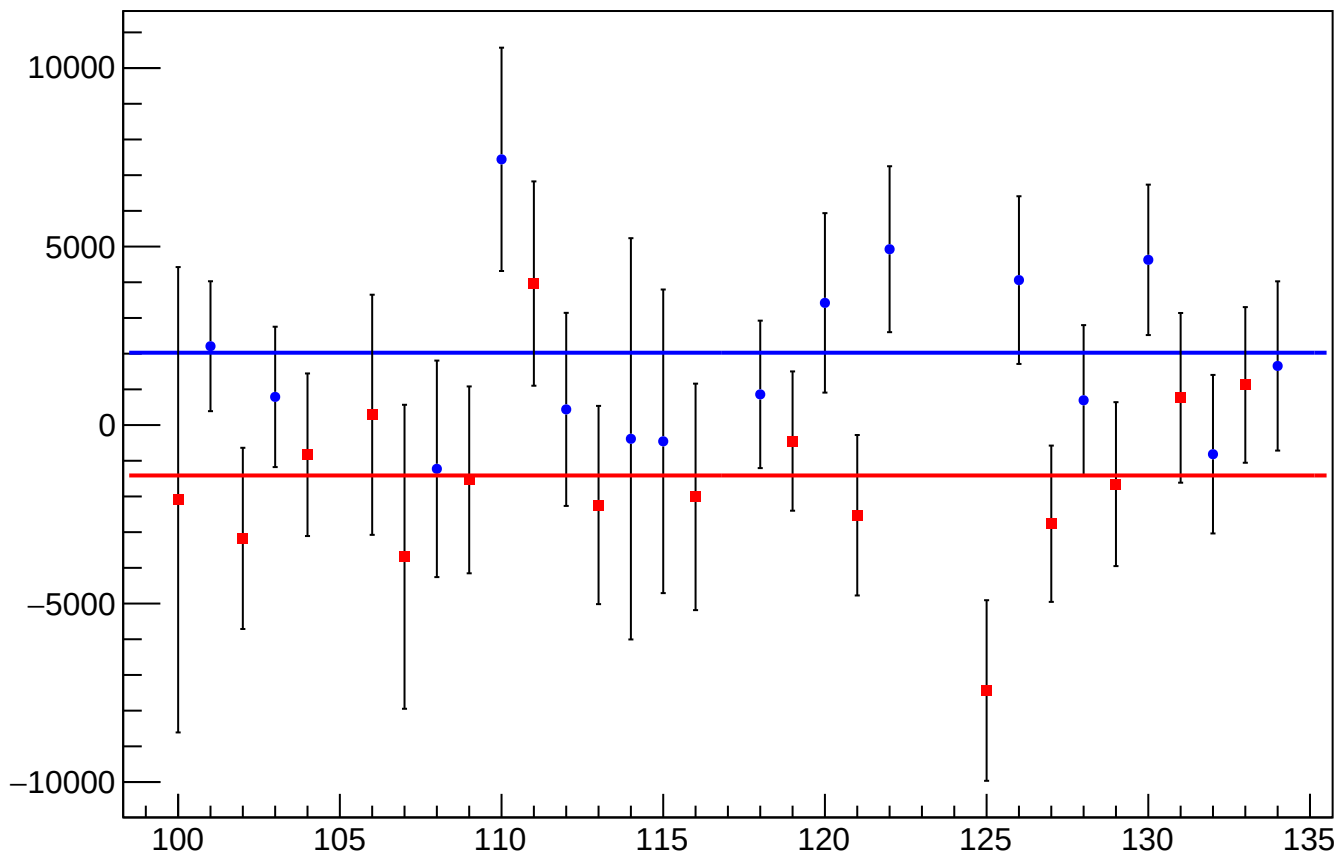
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 274.844+/-0.088 χ^2/NDF : 14739317.8/30

- 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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

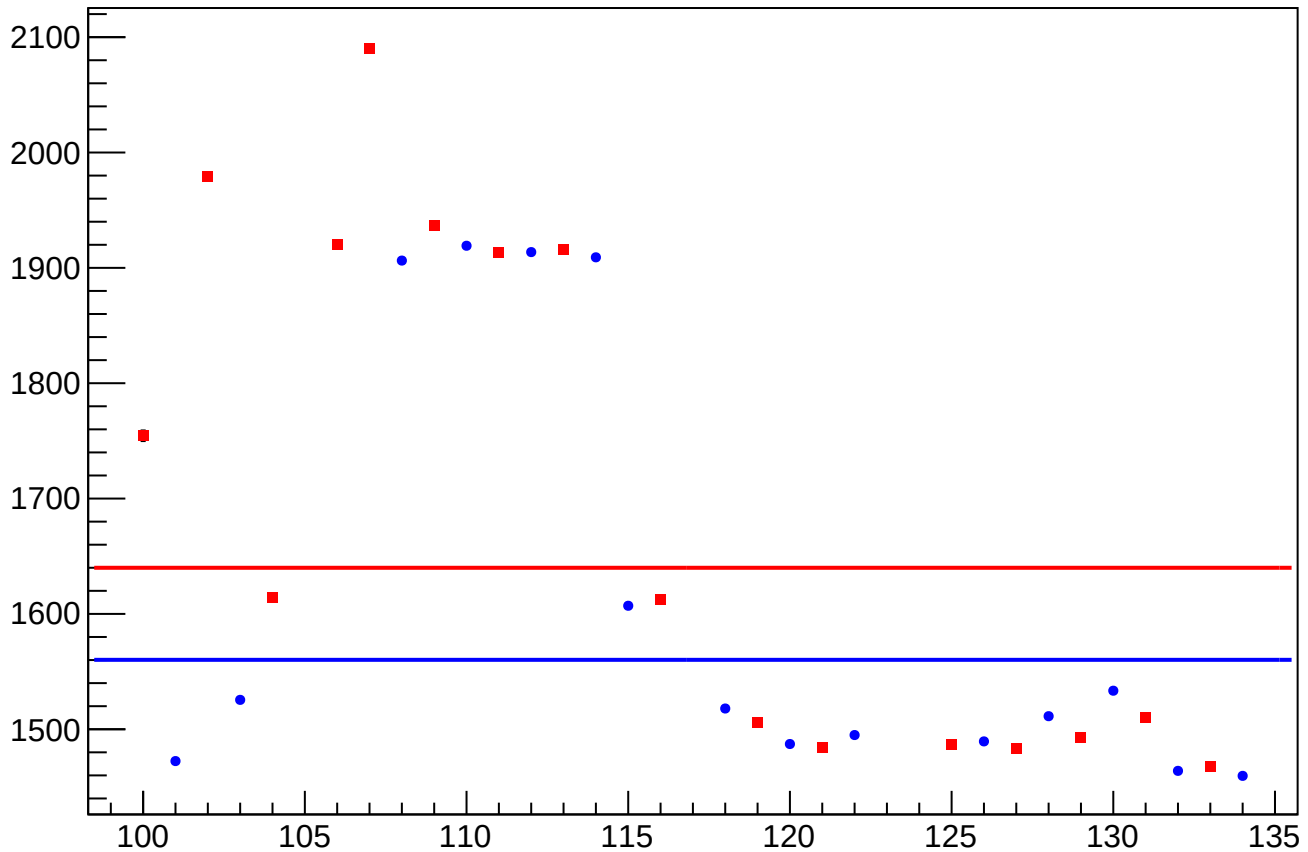
Right Out: -1412.042 $\pm$ 643.483 χ^2 /NDF: 13.5/15

All: 366.104 $\pm$ 447.158 χ^2 /NDF: 40.2/30

- 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_usl_atl1_avg_rms vs Slug



Right In: 1560.189 $\pm$ 0.440 χ^2 /NDF: 114458.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1639.992 $\pm$ 0.455 χ^2 /NDF: 199966.6/15

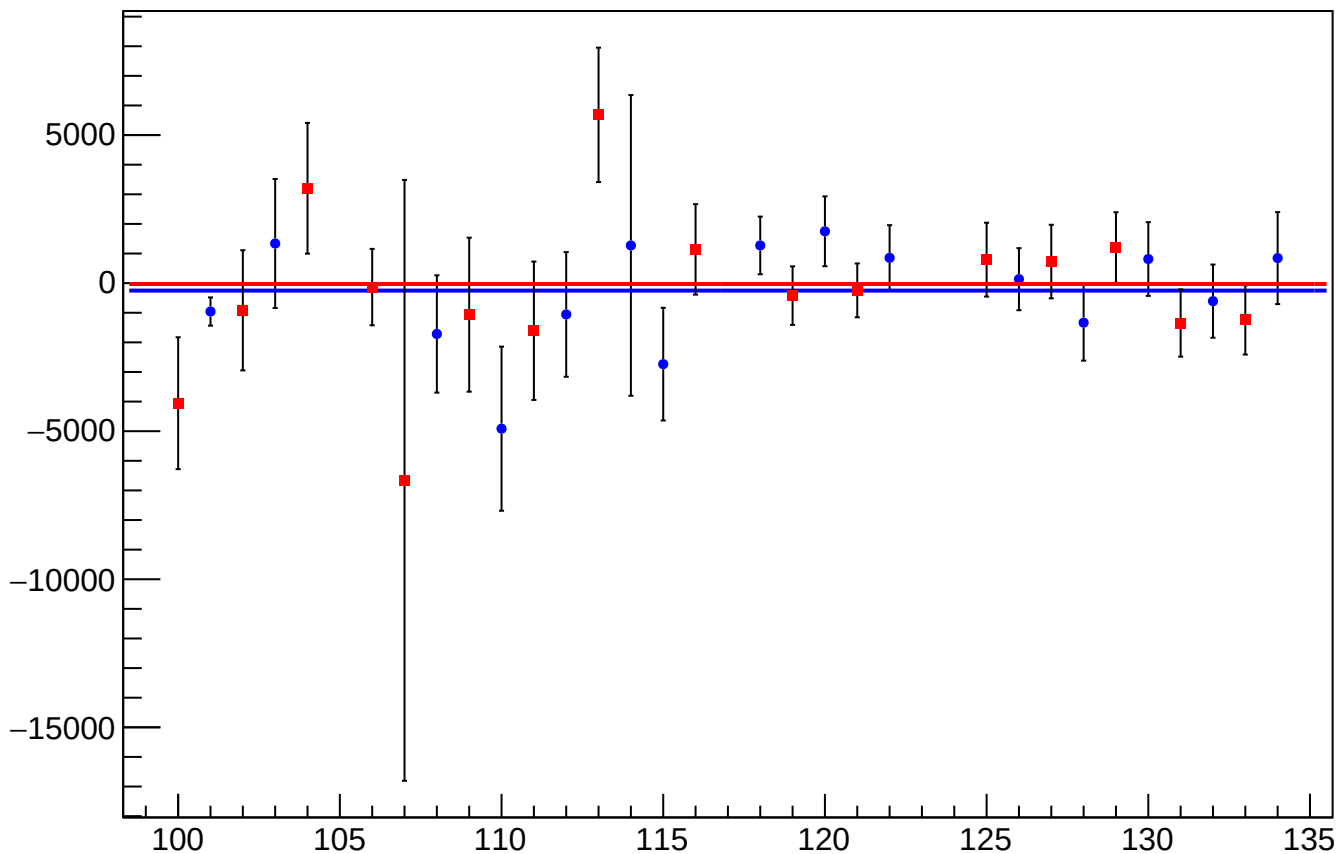
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1598.725 $\pm$ 0.316 χ^2 /NDF: 330331.7/30

- sign 0.000 $\pm$ 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: -30.132+/-354.655 χ^2/NDF : 18.1/15

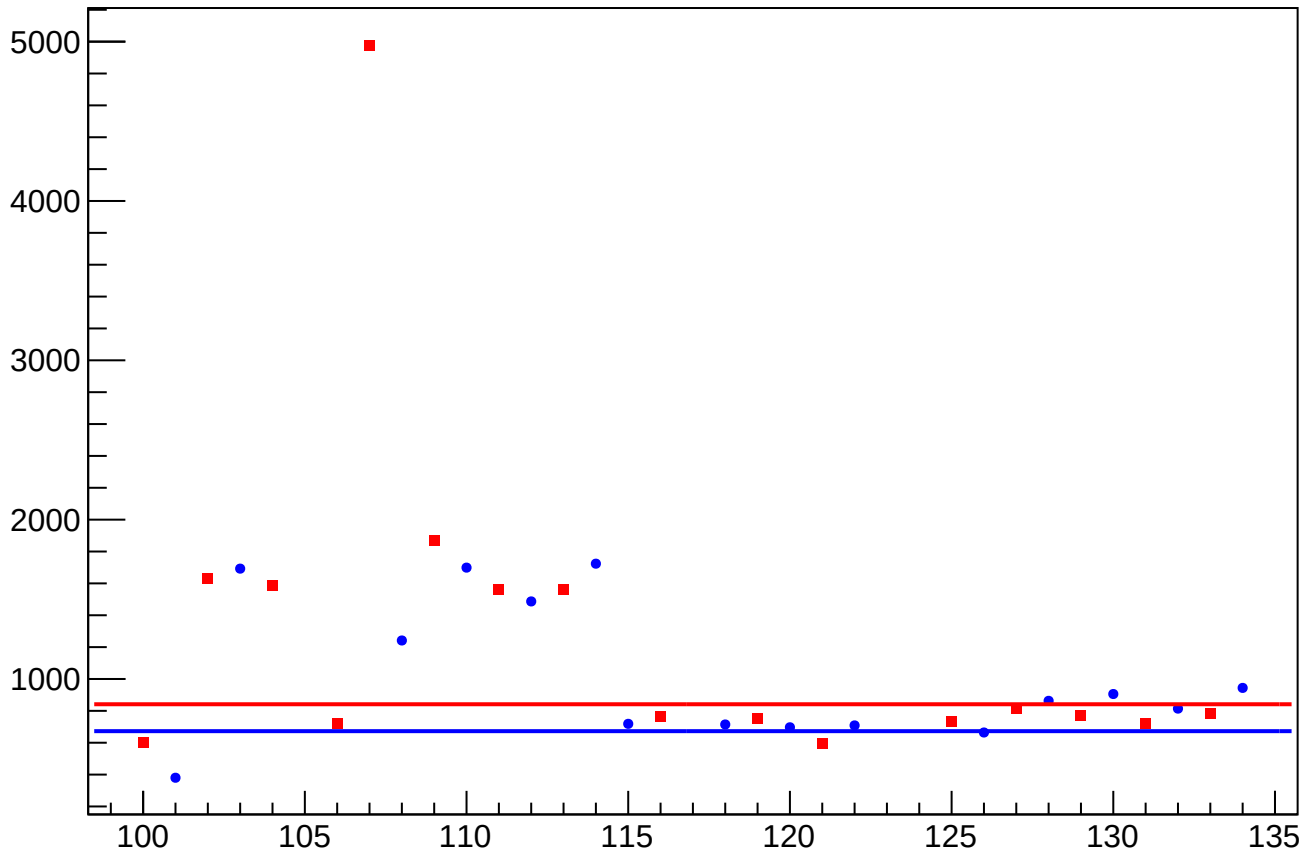
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -160.492+/-227.544 χ^2/NDF : 34.9/30

- 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

Right Out: 841.464+/-0.251 χ^2/NDF : 1821403.0/15

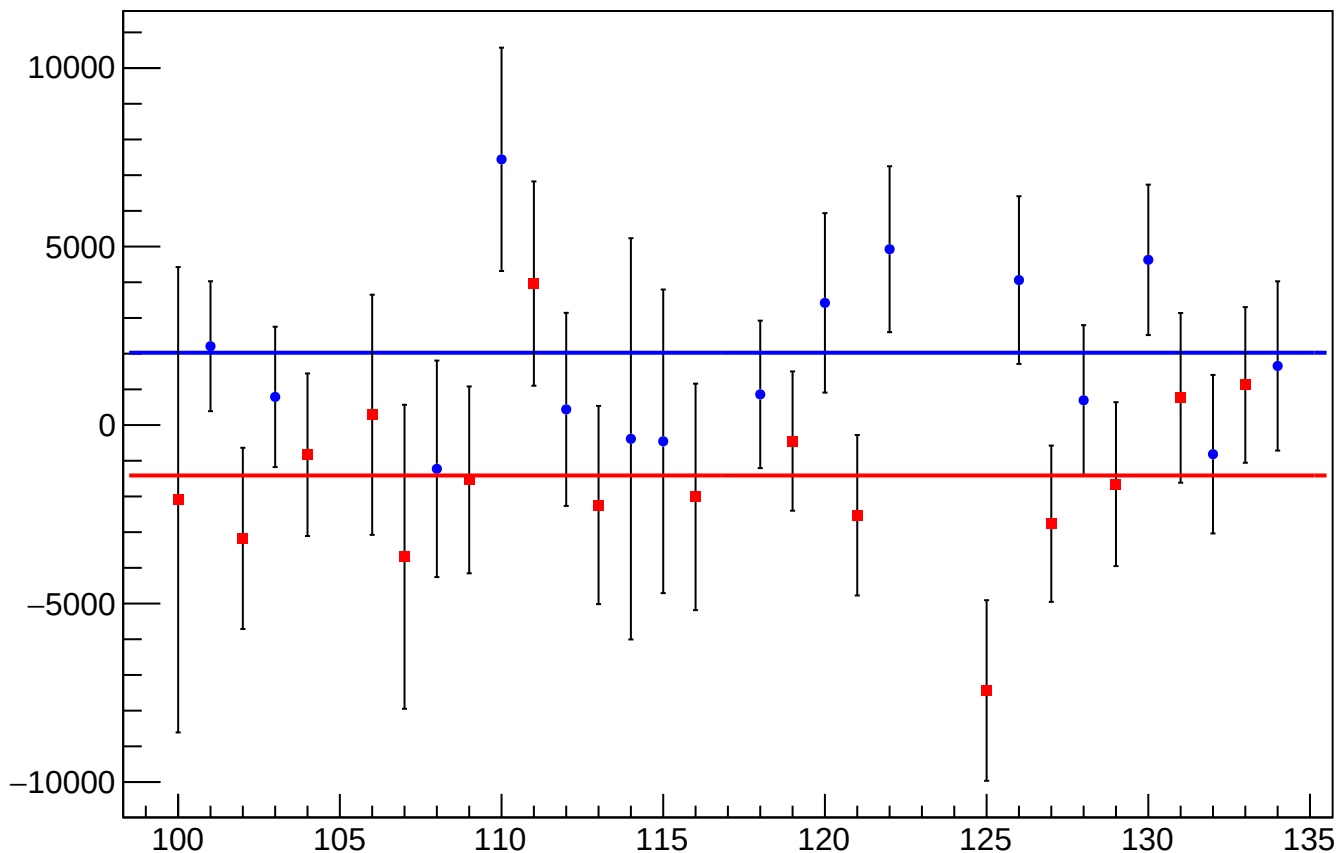
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 742.100+/-0.161 χ^2/NDF : 4312160.4/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl1_avg_mean vs Slug



Right In: 2026.565 $\pm$ 621.825 χ^2 /NDF: 11.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1412.039 $\pm$ 643.483 χ^2 /NDF: 13.5/15

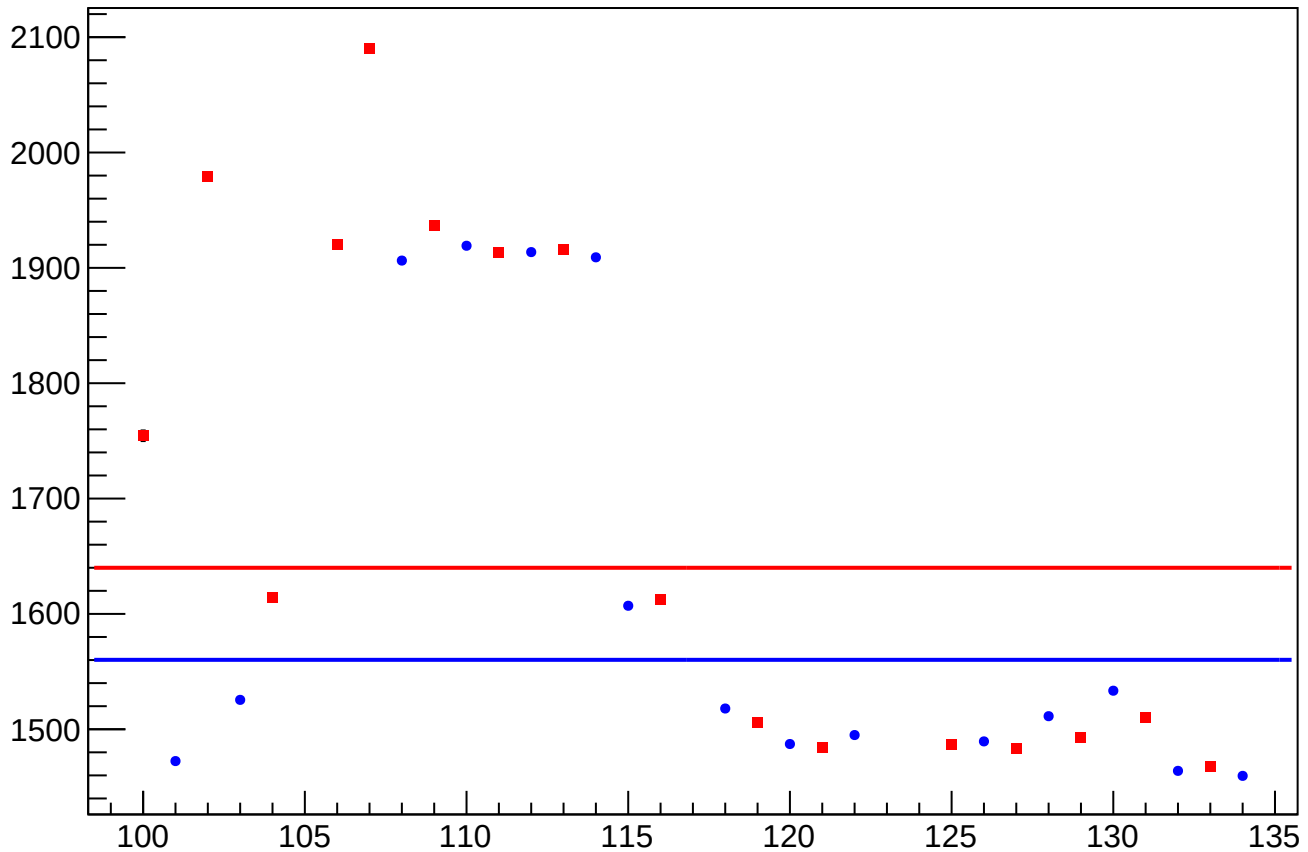
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 366.104 $\pm$ 447.157 χ^2 /NDF: 40.2/30

- sign 0.000 $\pm$ 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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

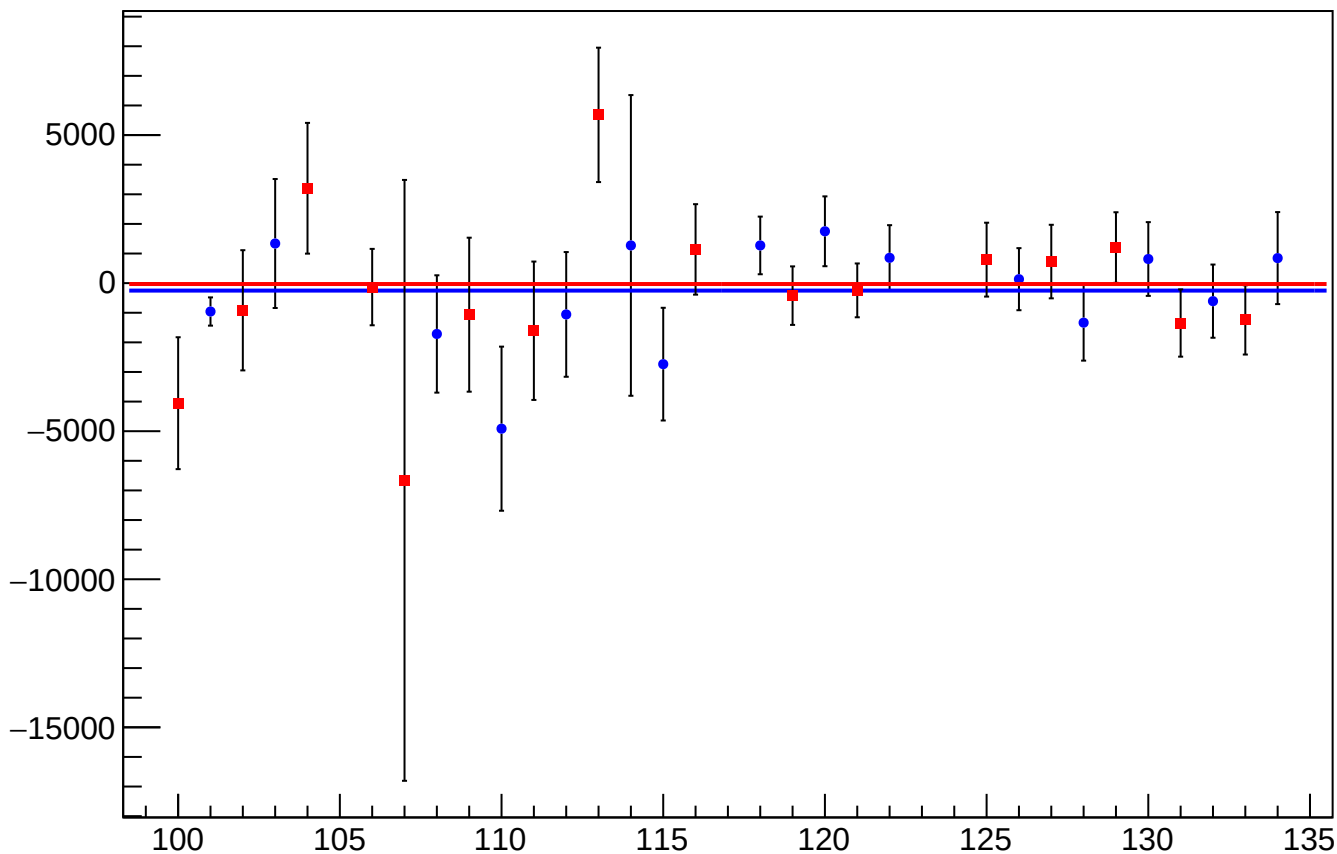
Right Out: 1639.992 $\pm$ 0.455 χ^2 /NDF: 199966.5/15

All: 1598.725 $\pm$ 0.316 χ^2 /NDF: 330331.7/30

- 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_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: -30.133+/-354.655 χ^2/NDF : 18.1/15

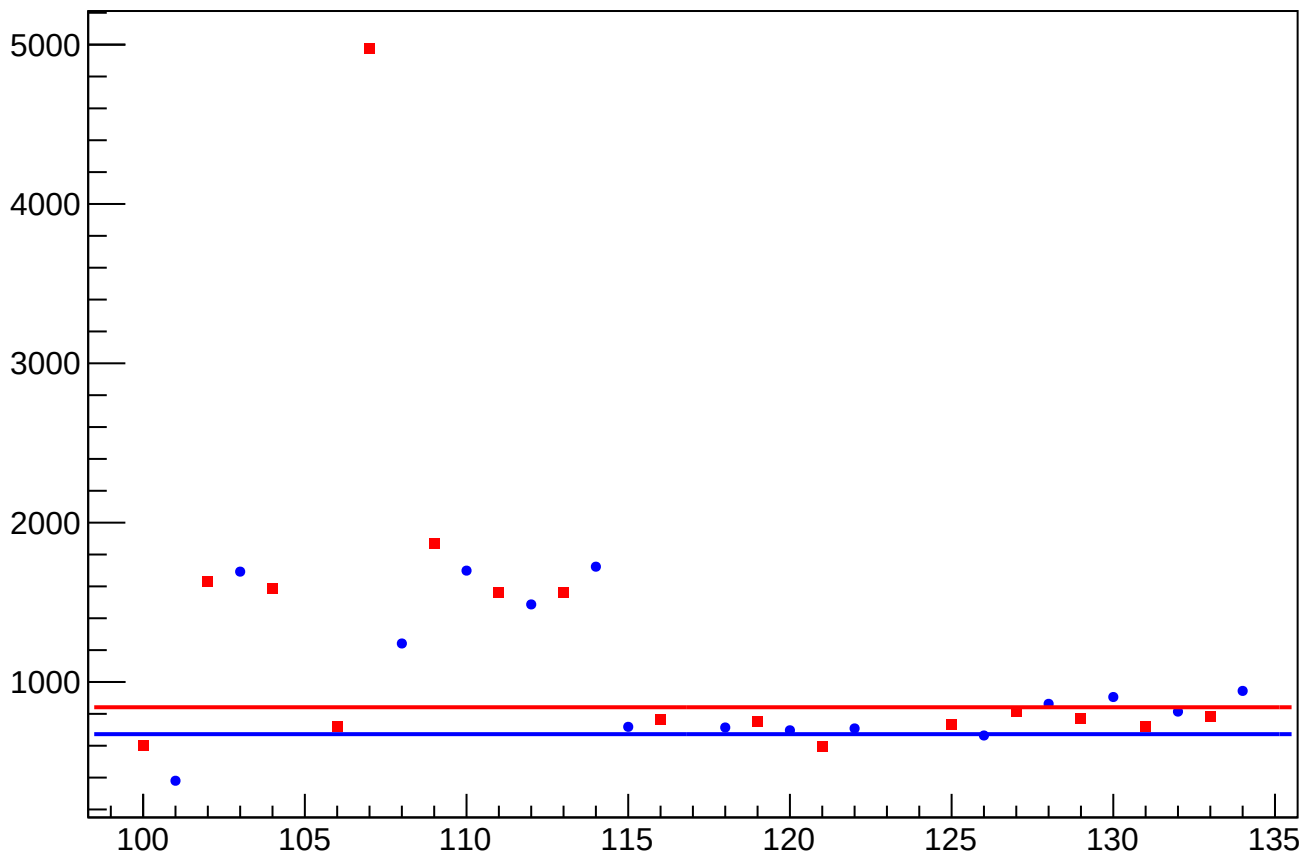
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -160.491+/-227.544 χ^2/NDF : 34.9/30

- 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: 841.462+/-0.251 χ^2/NDF : 1821410.8/15

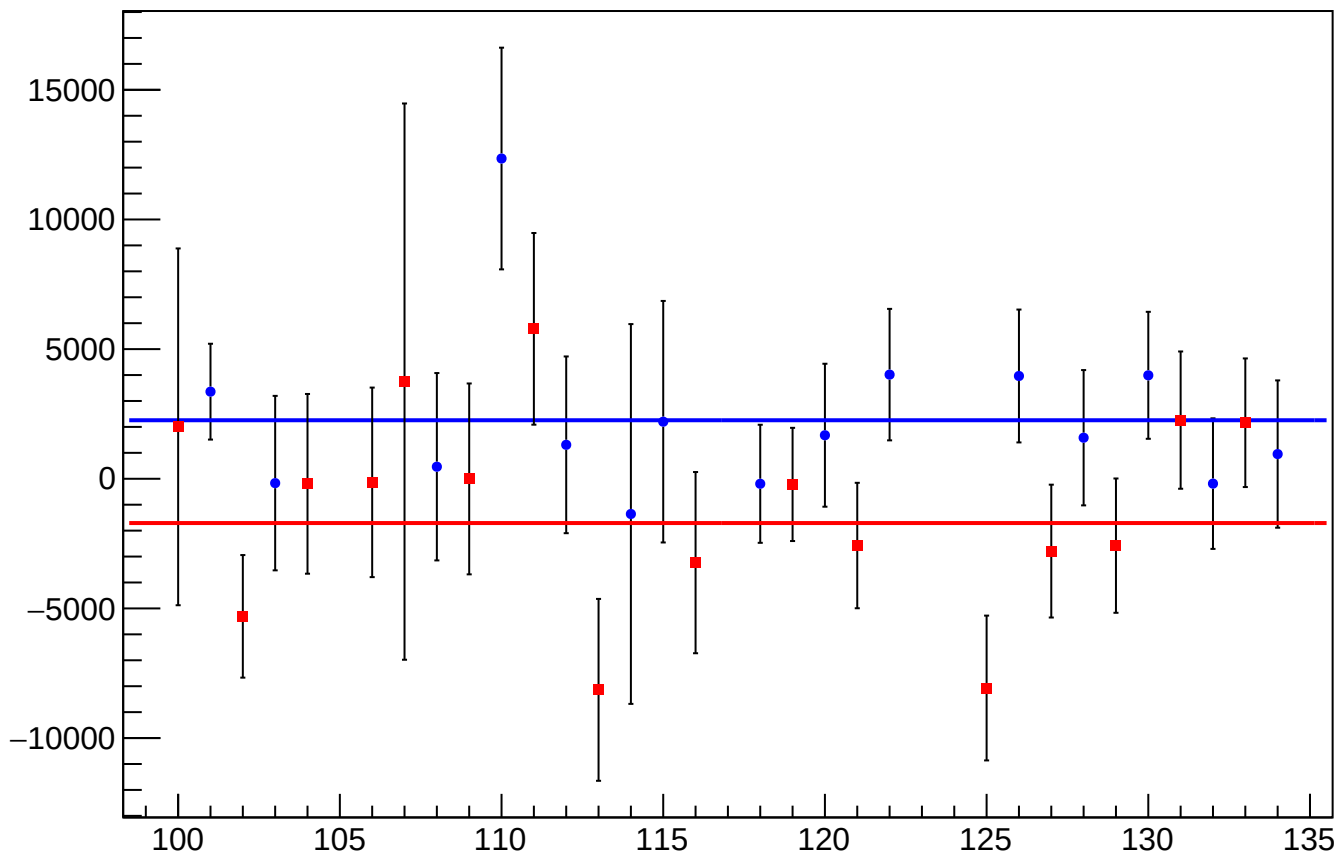
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 742.099+/-0.161 χ^2/NDF : 4312154.8/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_mean vs Slug



Right In: 2256.896+/-727.162 χ^2/NDF : 10.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1707.544+/-746.839 χ^2/NDF : 21.9/15

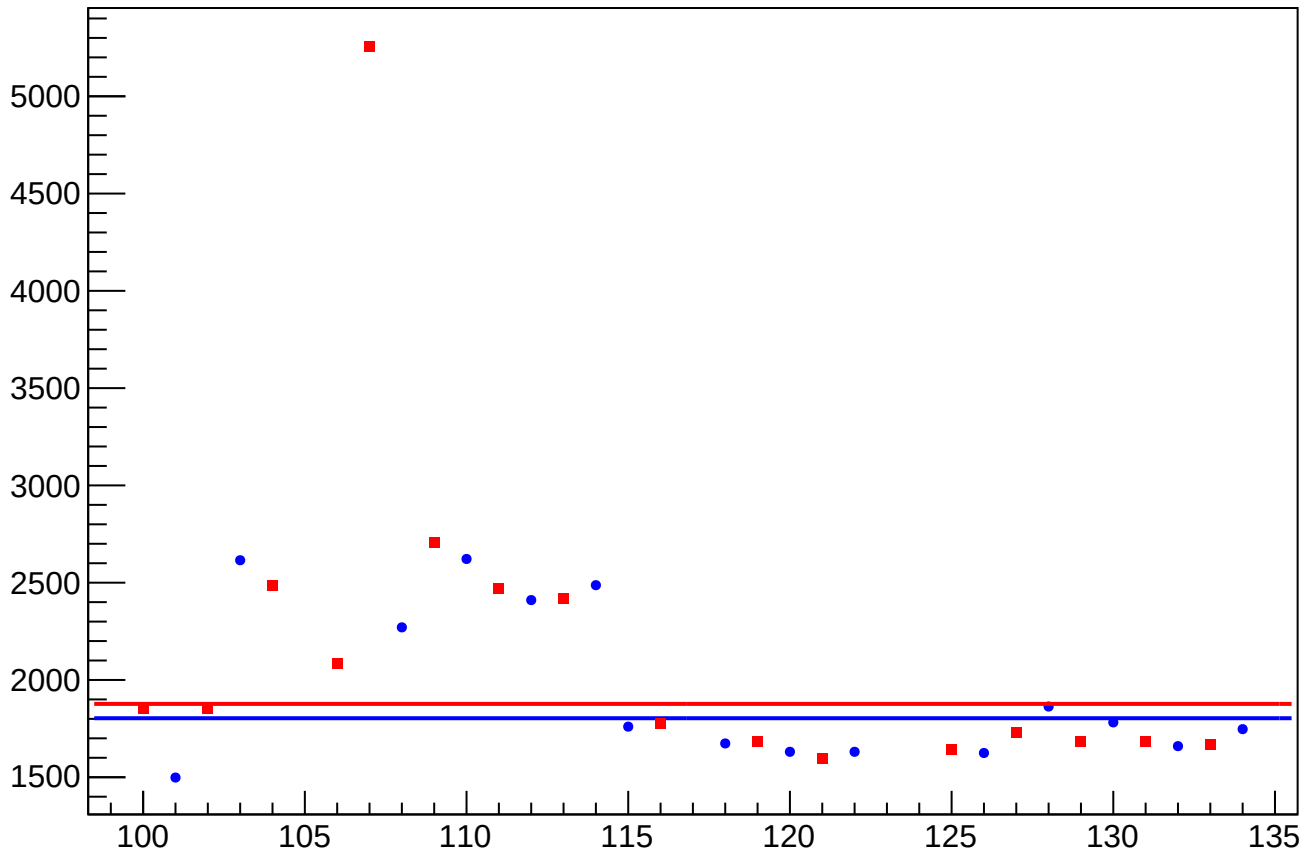
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 327.591+/-520.999 χ^2/NDF : 47.2/30

- sign 0.000+/-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: 1877.004+/-0.528 χ^2/NDF : 569592.8/15

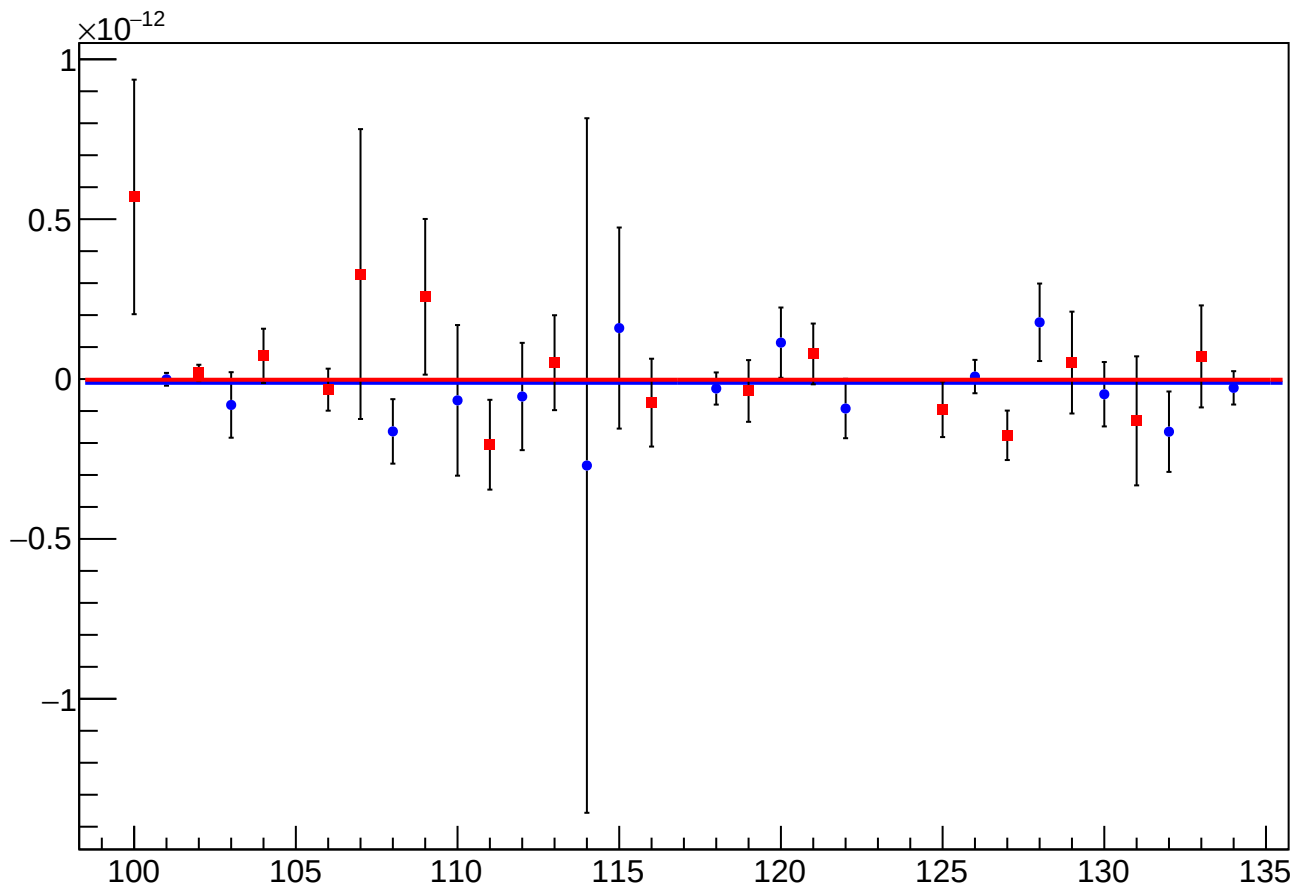
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1839.180+/-0.368 χ^2/NDF : 980193.5/30

- 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: 16.0/15

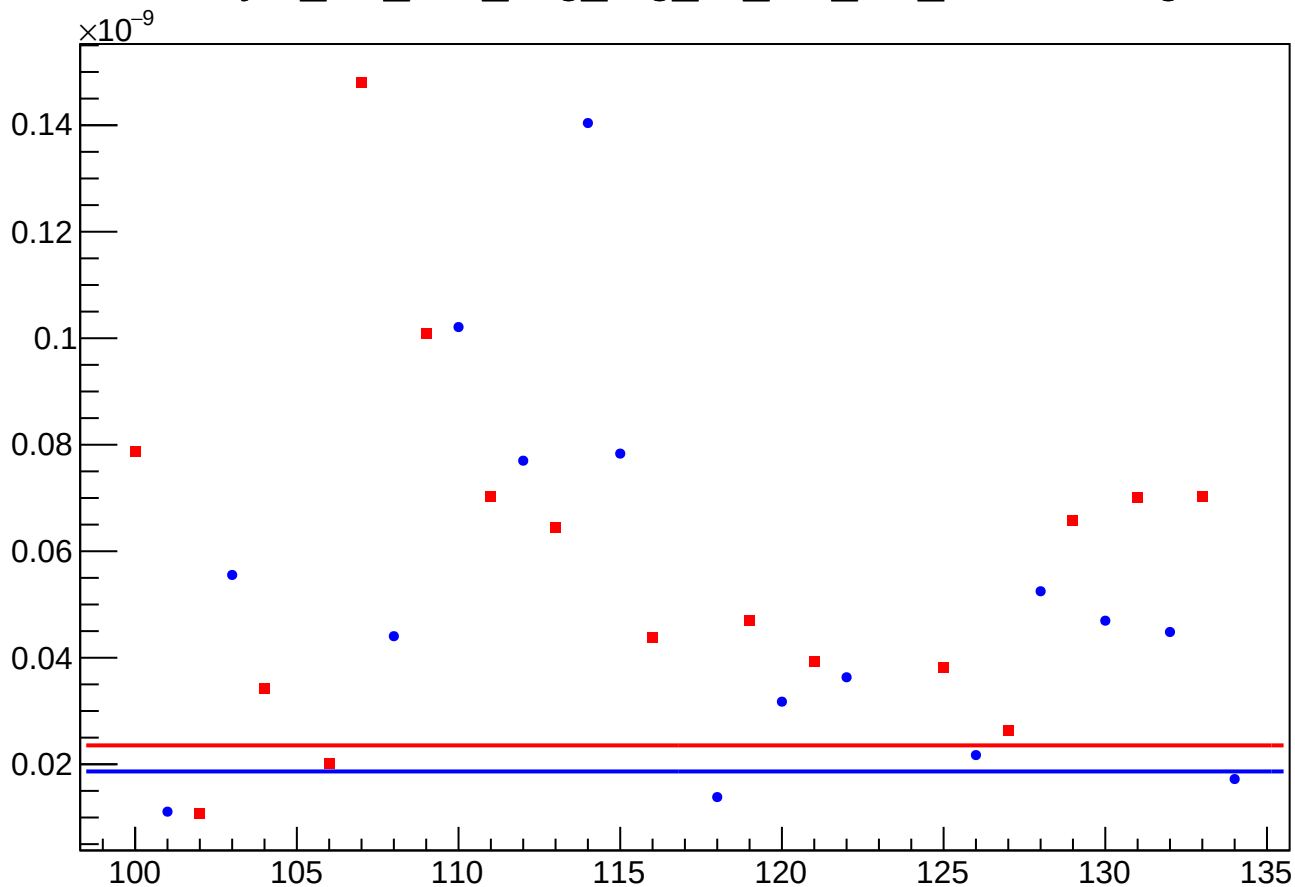
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 26.2/30

- 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 : 2007333.3/15

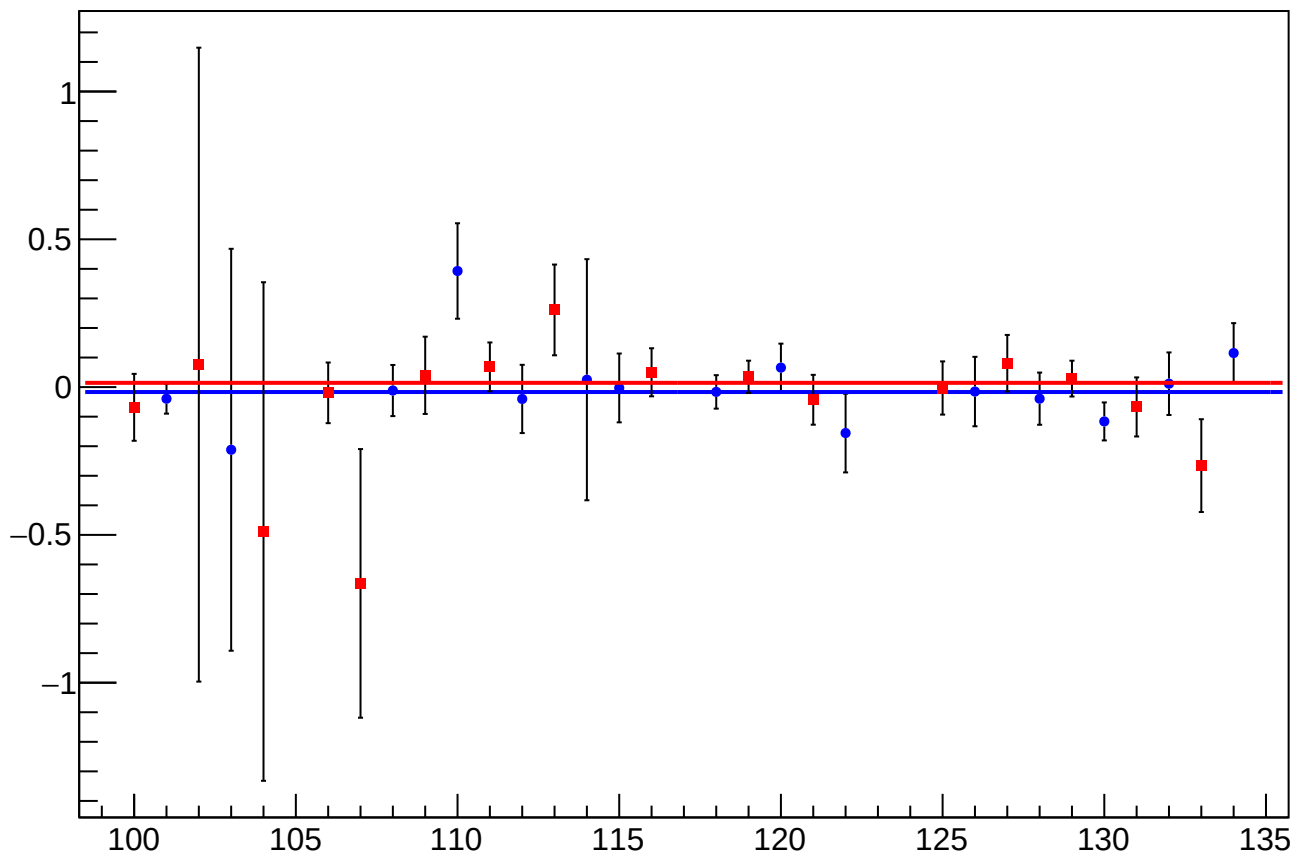
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3876925.0/30

- 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 χ^2/NDF : 13.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.014 ± 0.024 χ^2/NDF : 11.5/15

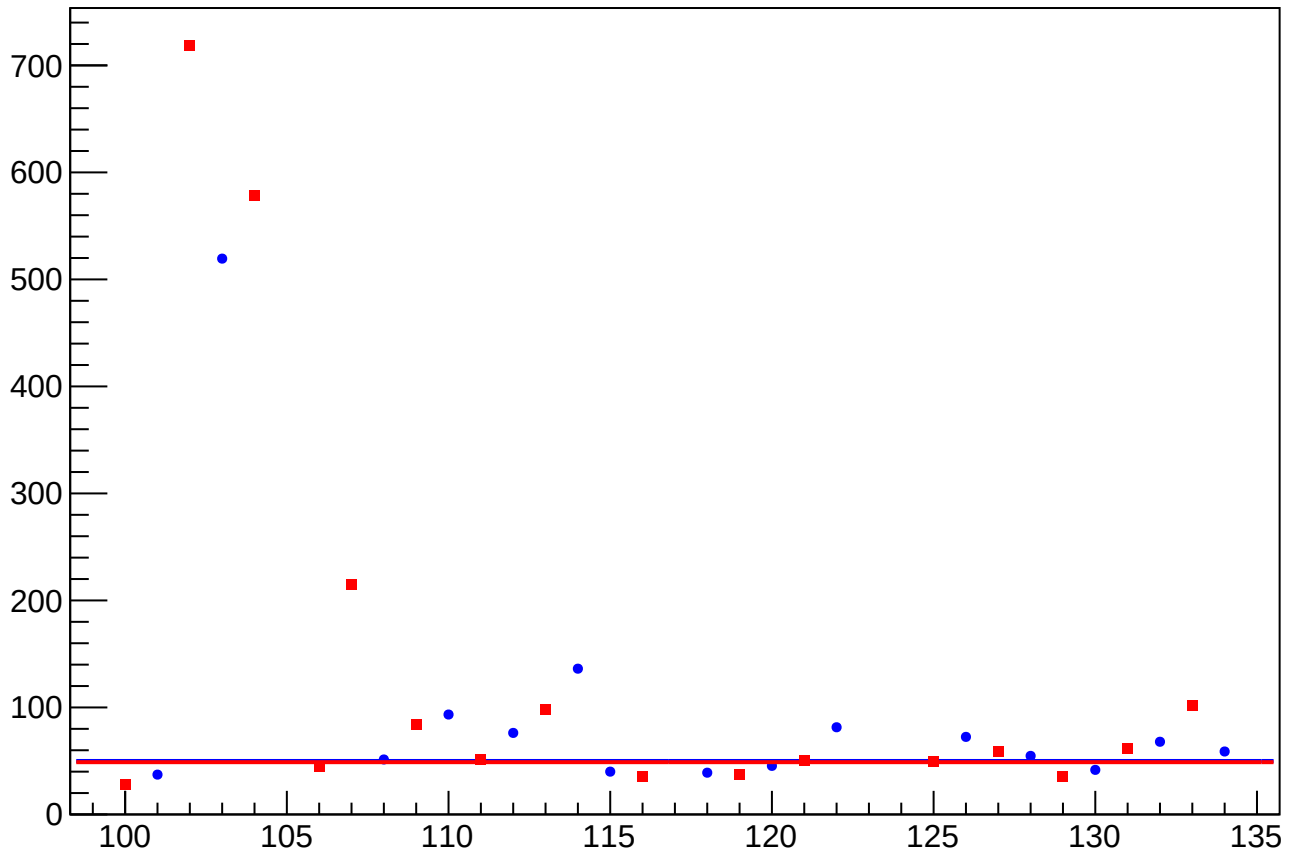
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.002 ± 0.017 χ^2/NDF : 25.5/30

- sign 0.000 ± 0.000 χ^2/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: 48.860+/-0.017 χ^2/NDF : 2777261.2/15

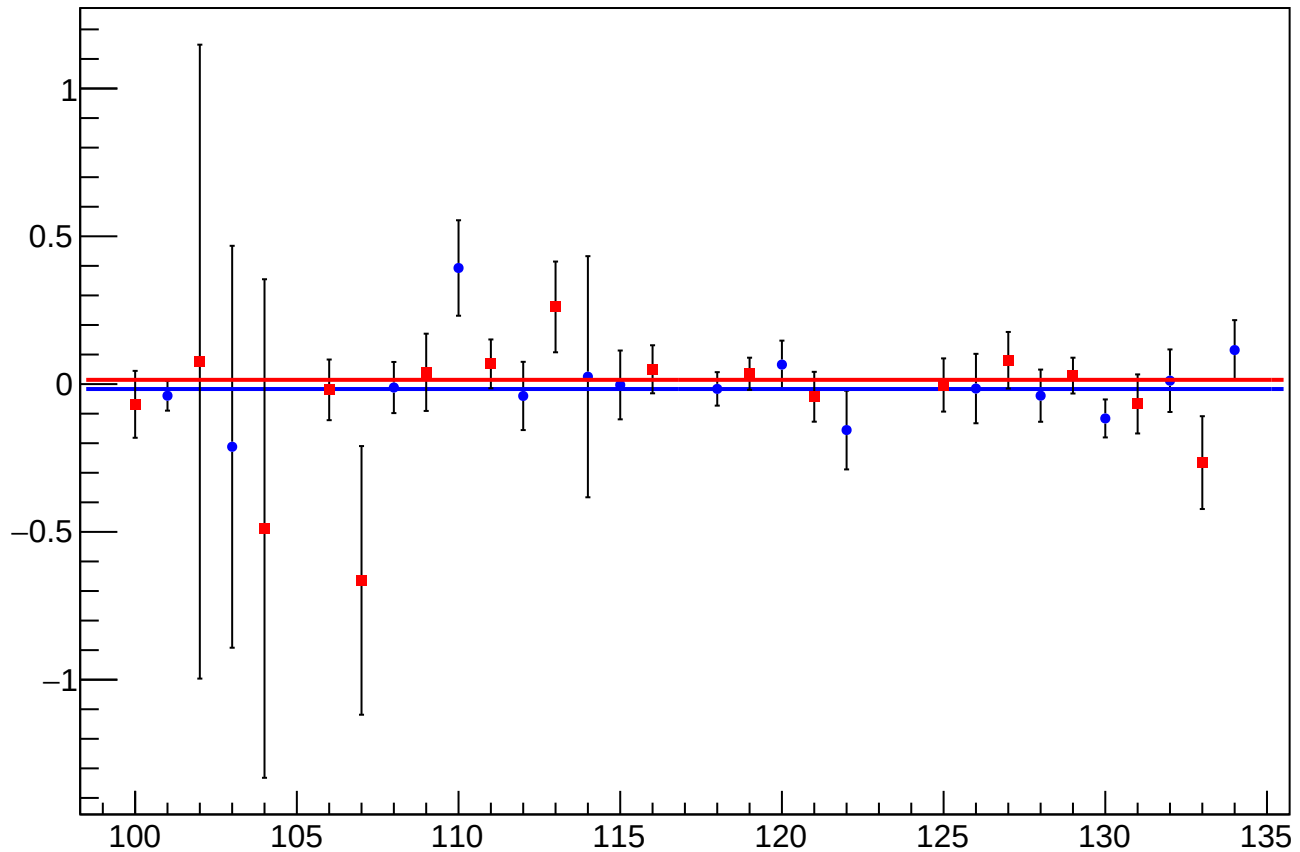
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.442+/-0.012 χ^2/NDF : 4591396.4/30

- 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: 0.014 ± 0.024 χ^2/NDF : 11.5/15

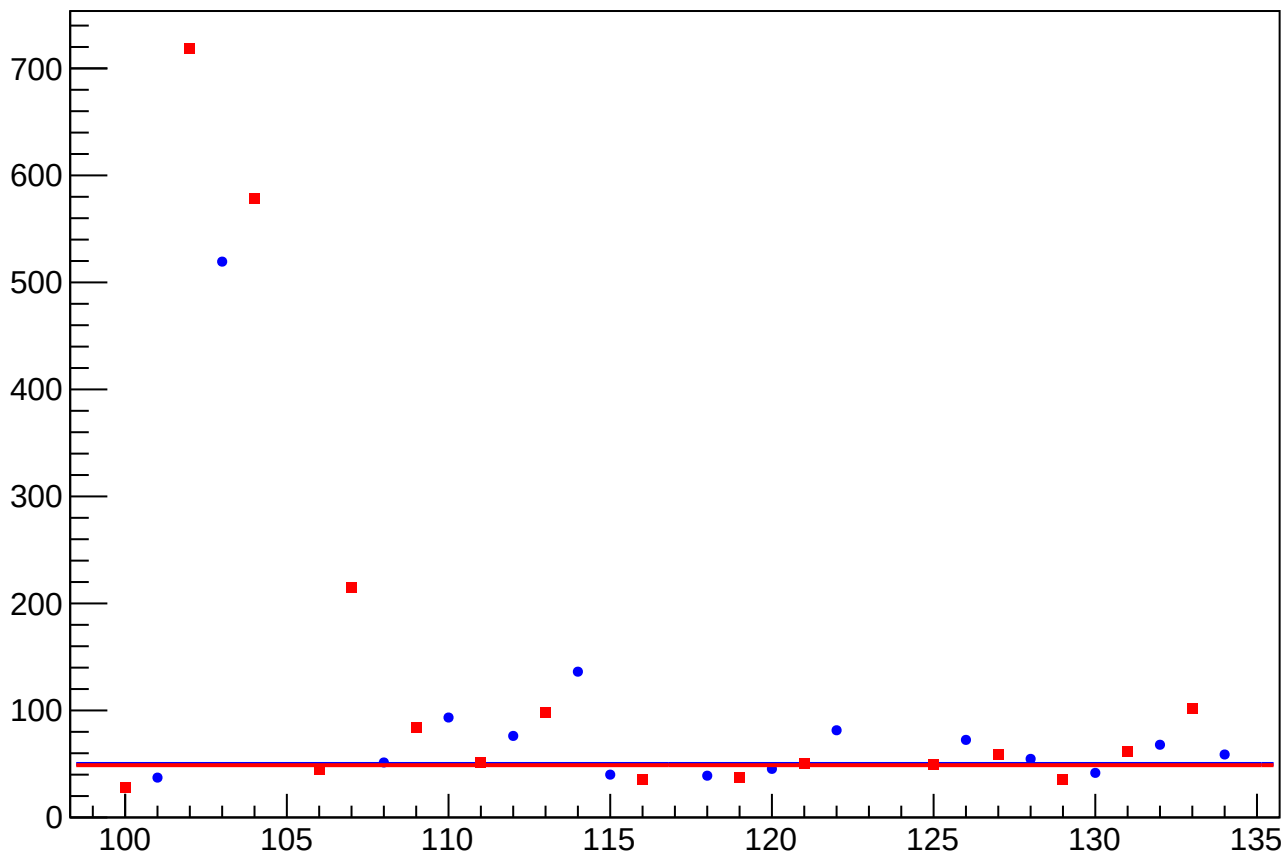
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.002 ± 0.017 χ^2/NDF : 25.5/30

- 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: 48.860+/-0.017 χ^2/NDF : 2777261.2/15

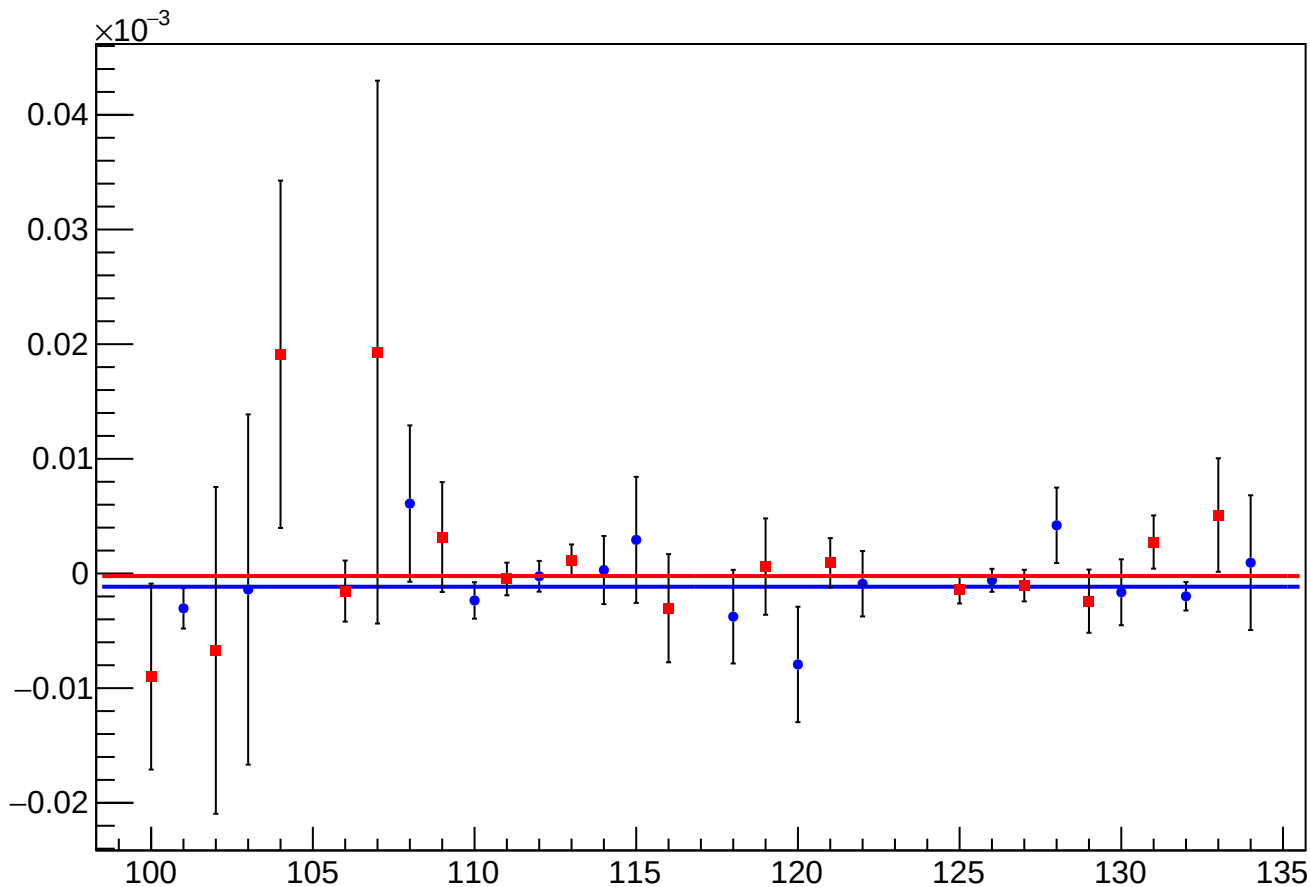
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.442+/-0.012 χ^2/NDF : 4591396.4/30

- 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+/-0.000 χ^2/NDF : 9.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.8/15

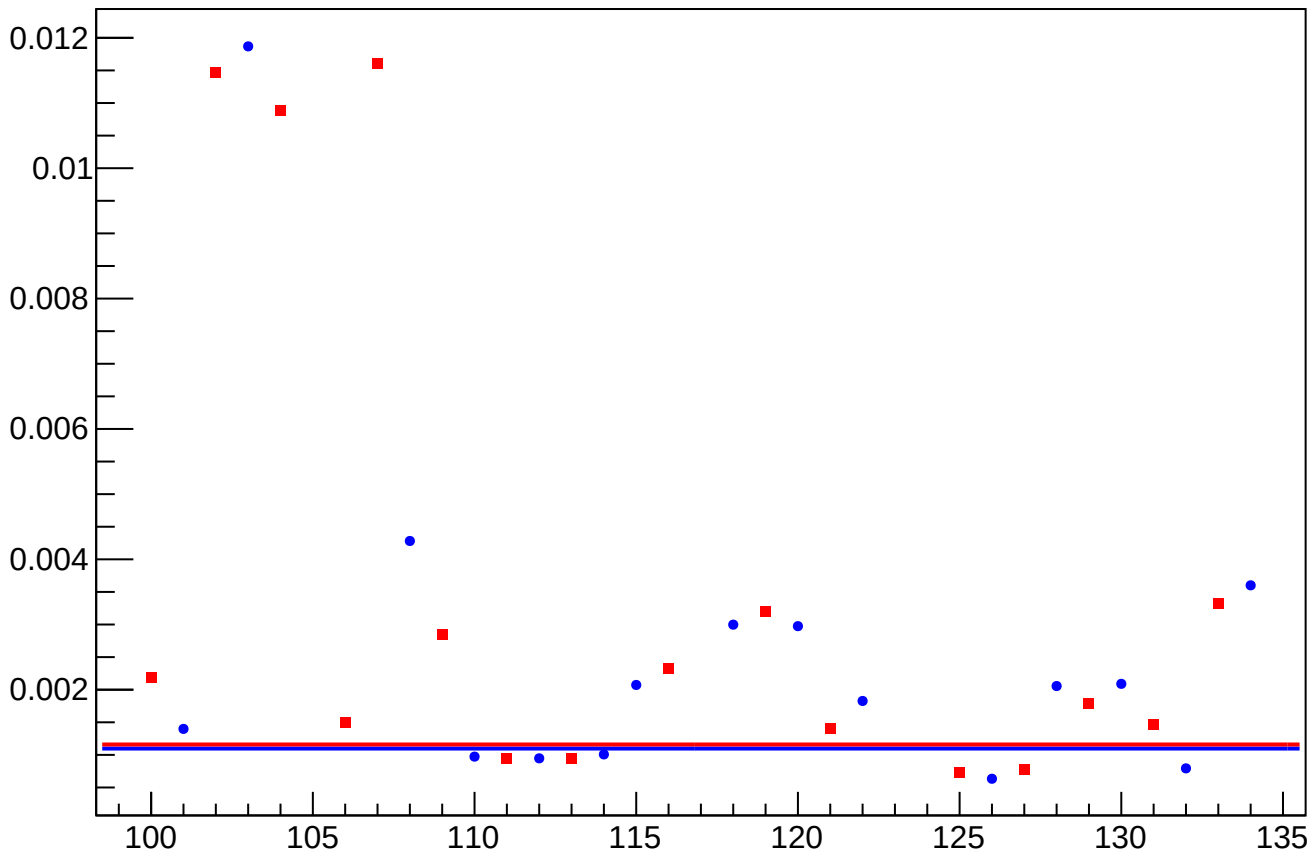
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.1/30

- sign 0.000+/-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 : 4193874.8/15

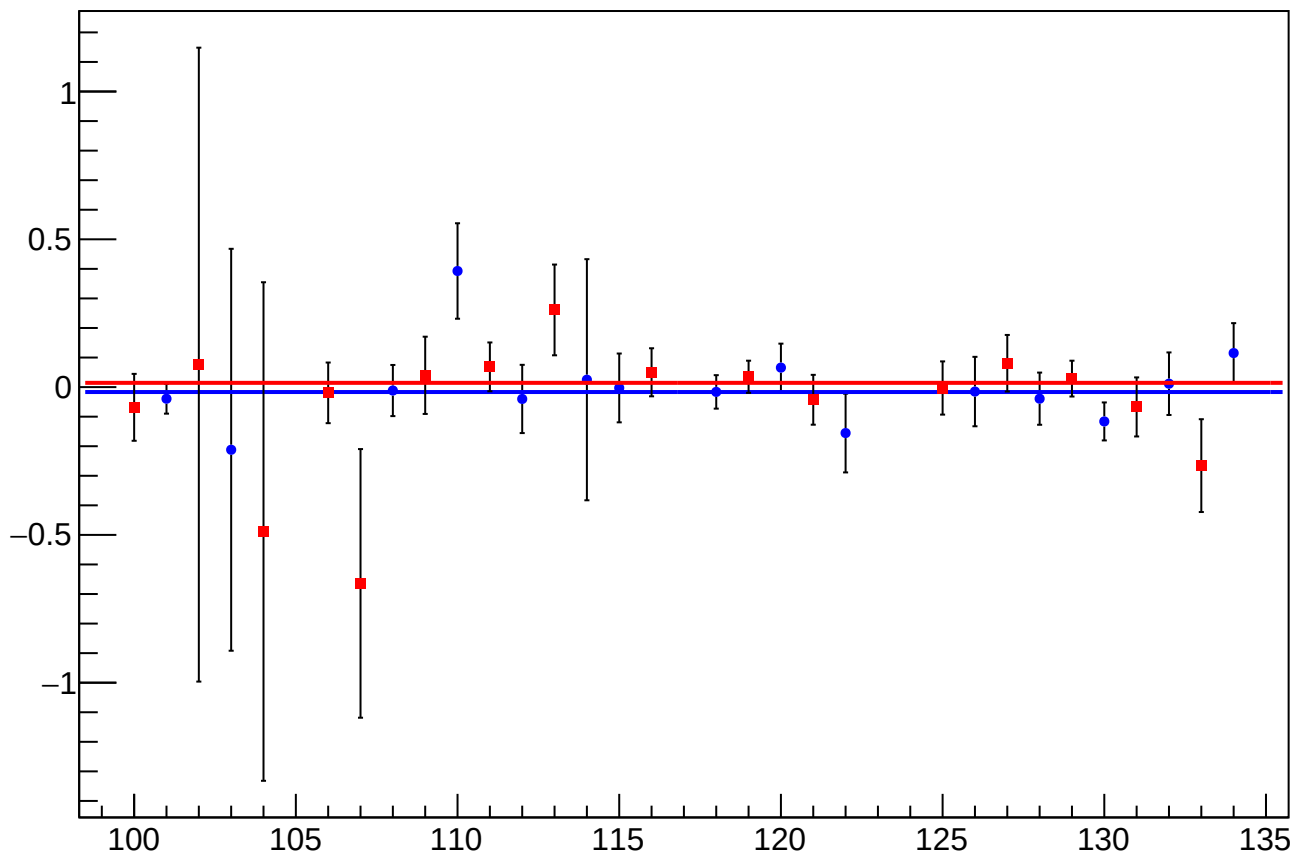
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 7960927.7/30

- 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: 0.014 ± 0.024 χ^2/NDF : 11.5/15

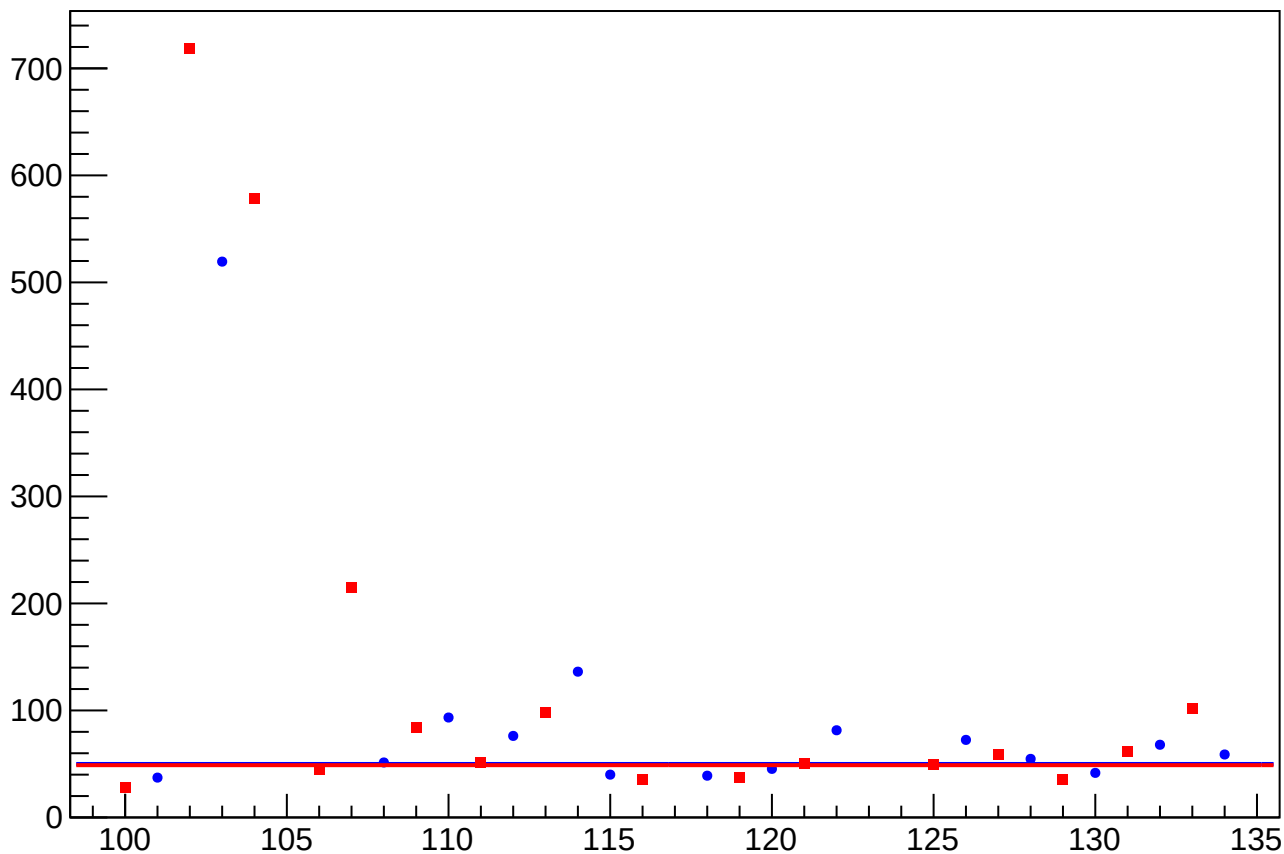
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.002 ± 0.017 χ^2/NDF : 25.5/30

- 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+/-0.016 χ^2/NDF : 1811925.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.860+/-0.017 χ^2/NDF : 2777244.3/15

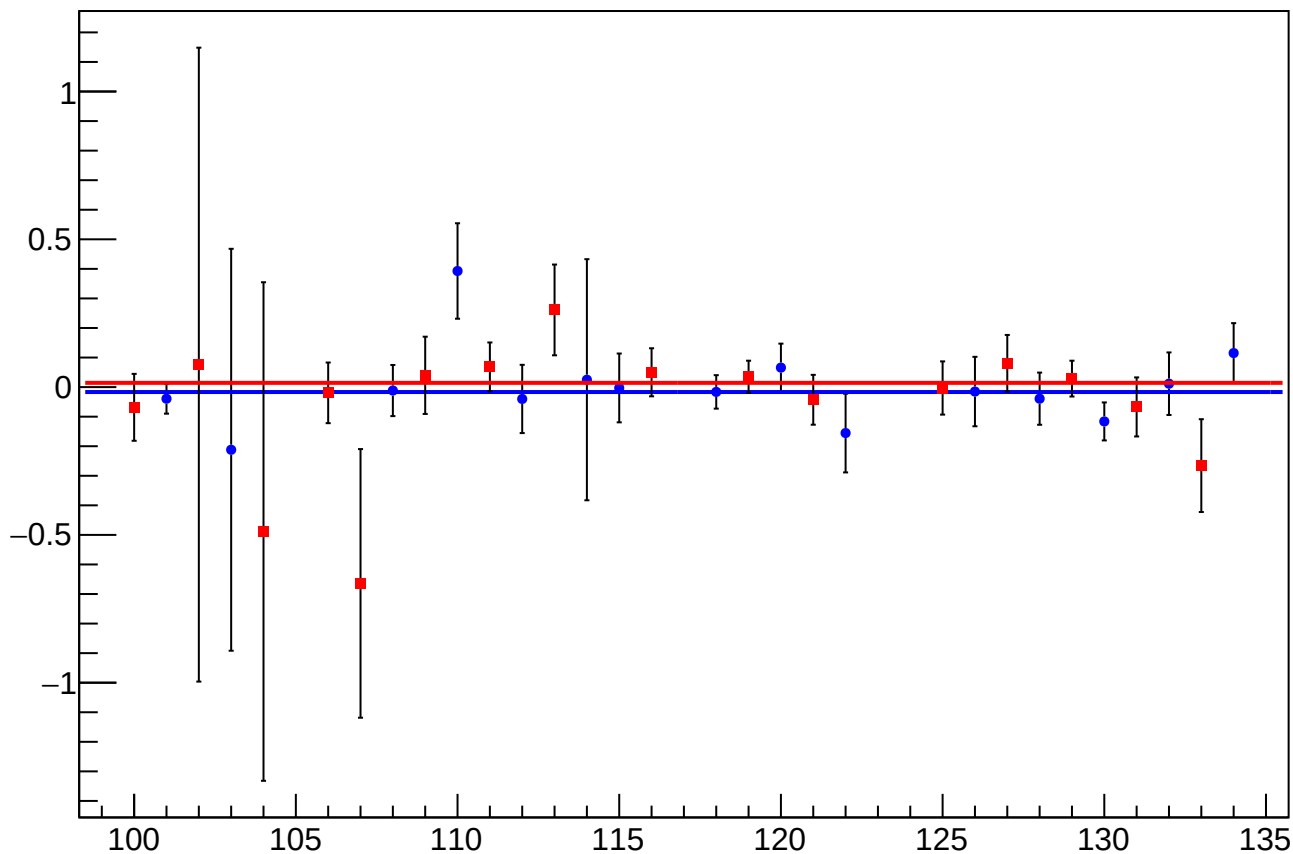
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.441+/-0.012 χ^2/NDF : 4591370.6/30

- sign 0.000+/-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 $\chi^2/\text{NDF}: 13.1/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.014 ± 0.024 $\chi^2/\text{NDF}: 11.5/15$

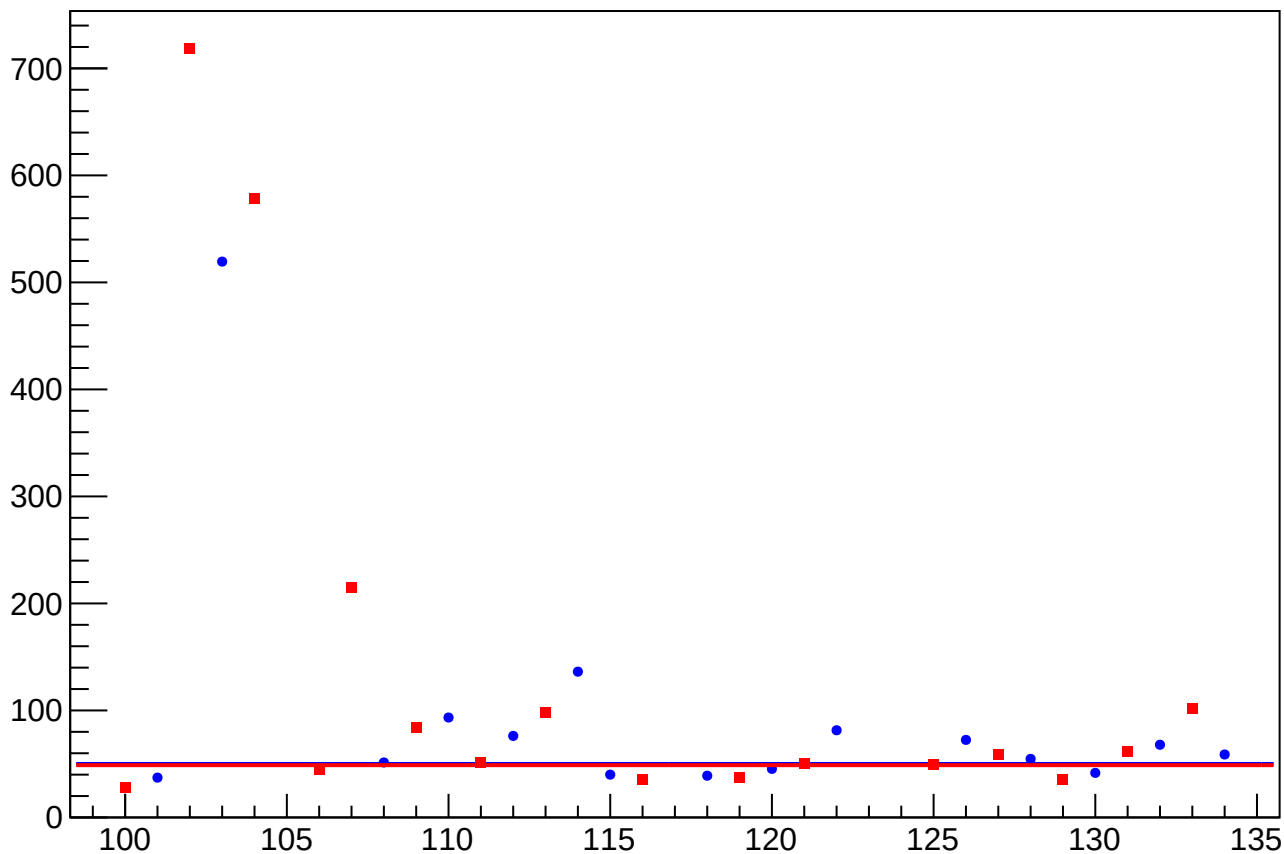
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.002 ± 0.017 $\chi^2/\text{NDF}: 25.5/30$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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: 48.860+/-0.017 χ^2/NDF : 2777244.3/15

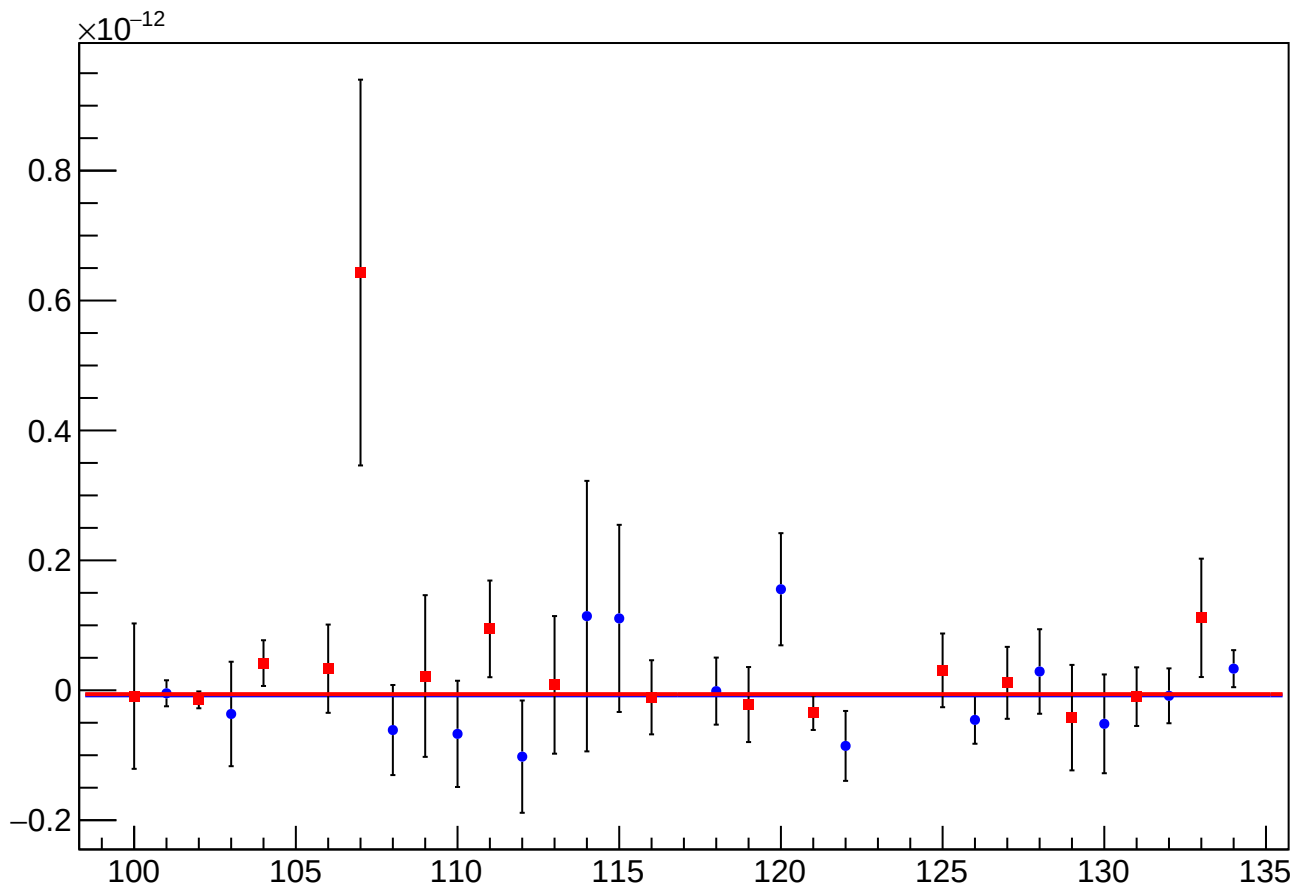
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.441+/-0.012 χ^2/NDF : 4591370.6/30

- 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+/-0.000 χ^2/NDF : 13.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.9/15

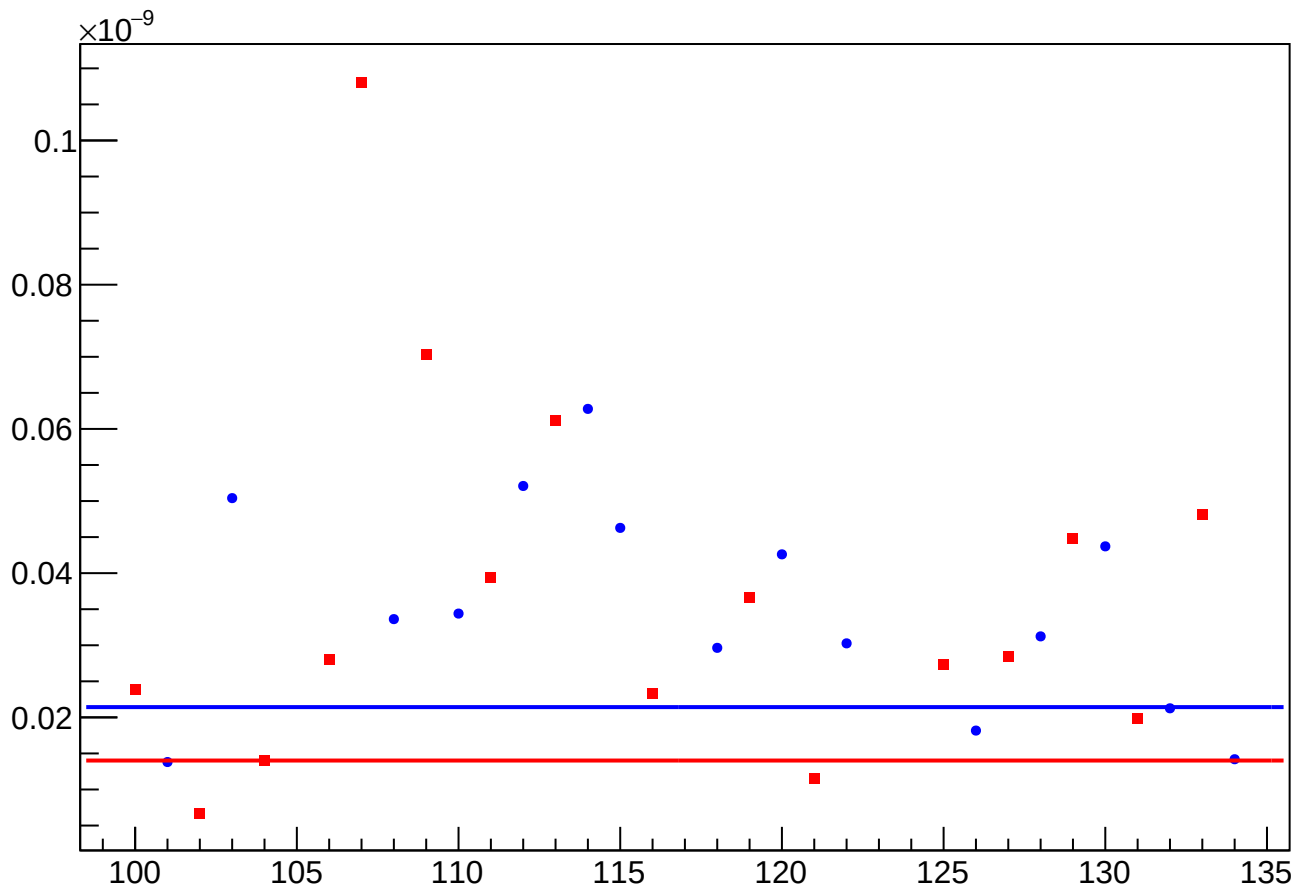
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.9/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1637727.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3210988.3/15

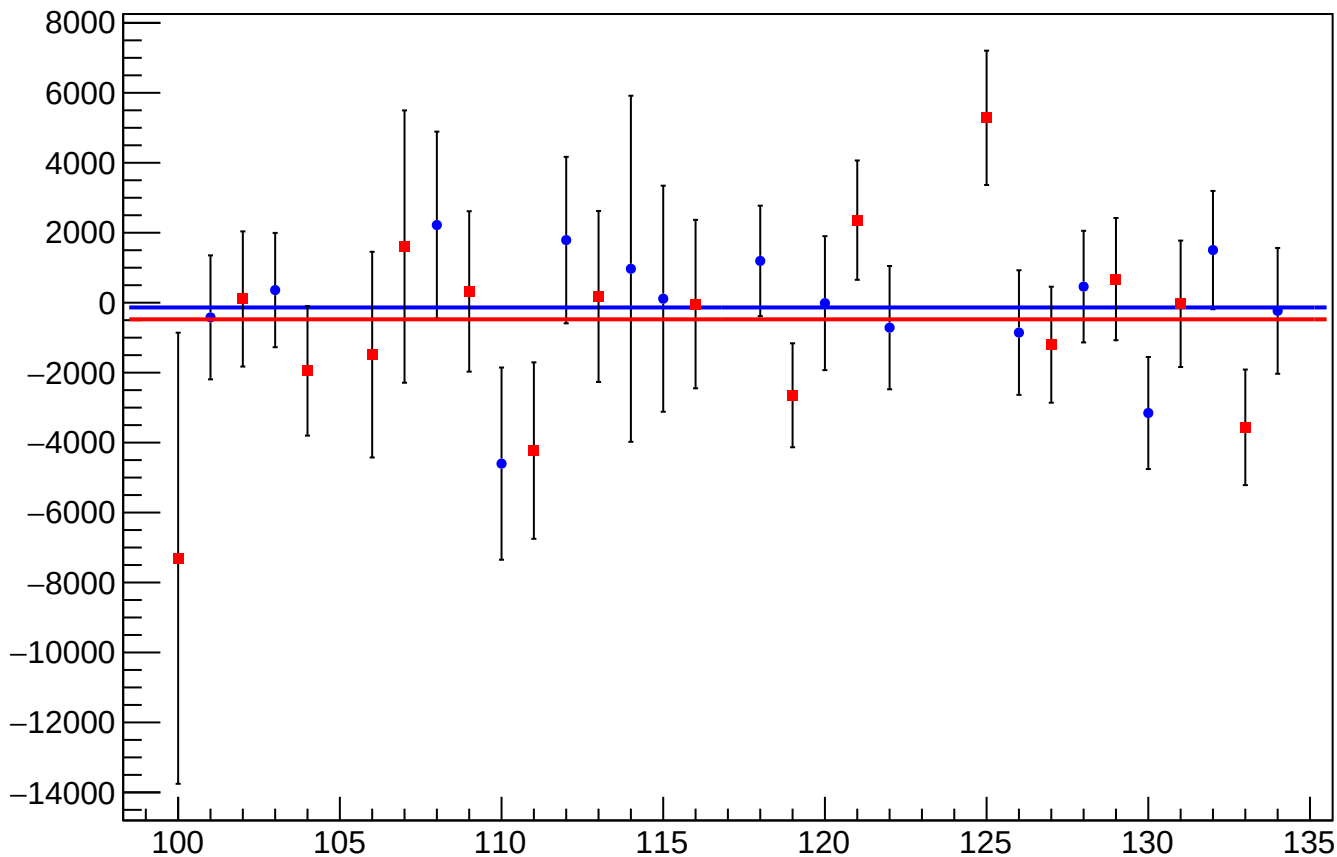
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5315411.4/30

- sign 0.000+/-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: -475.683+/-507.452 χ^2 /NDF: 22.8/15

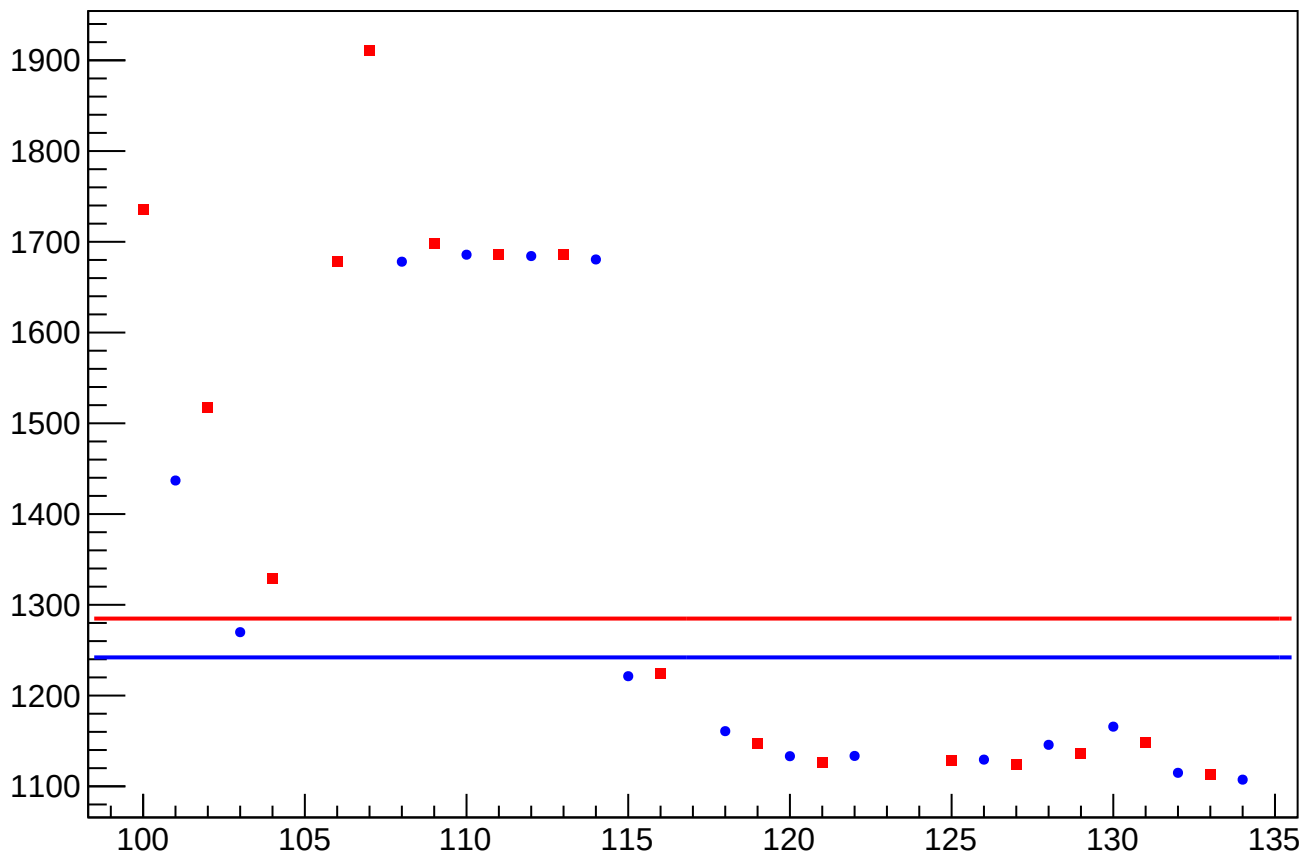
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -302.763+/-355.457 χ^2 /NDF: 32.9/30

- 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: 1284.840 $\pm$ 0.359 χ^2 /NDF: 412293.1/15

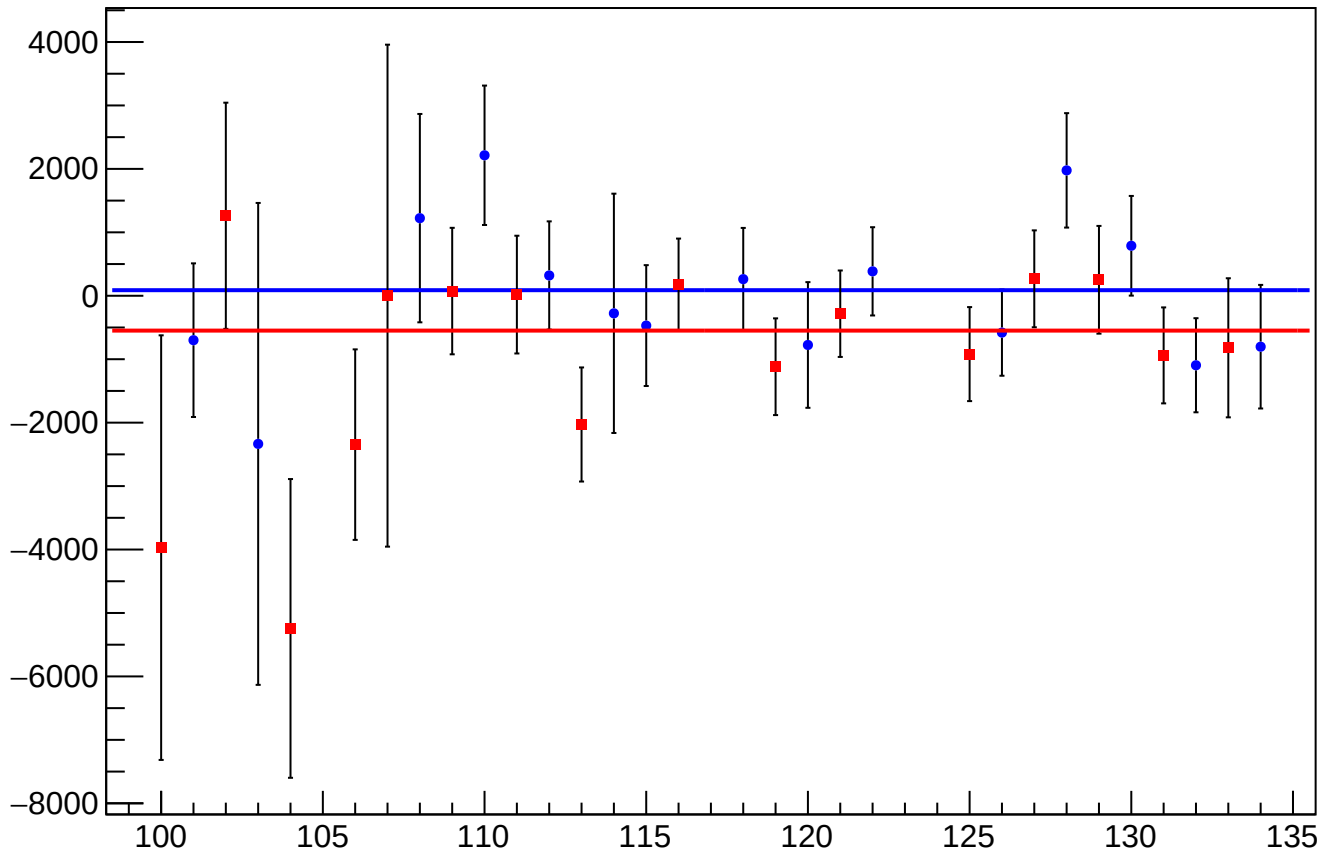
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1263.052 $\pm$ 0.251 χ^2 /NDF: 696371.8/30

- 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: -548.972+/-237.245 χ^2/NDF : 15.3/15

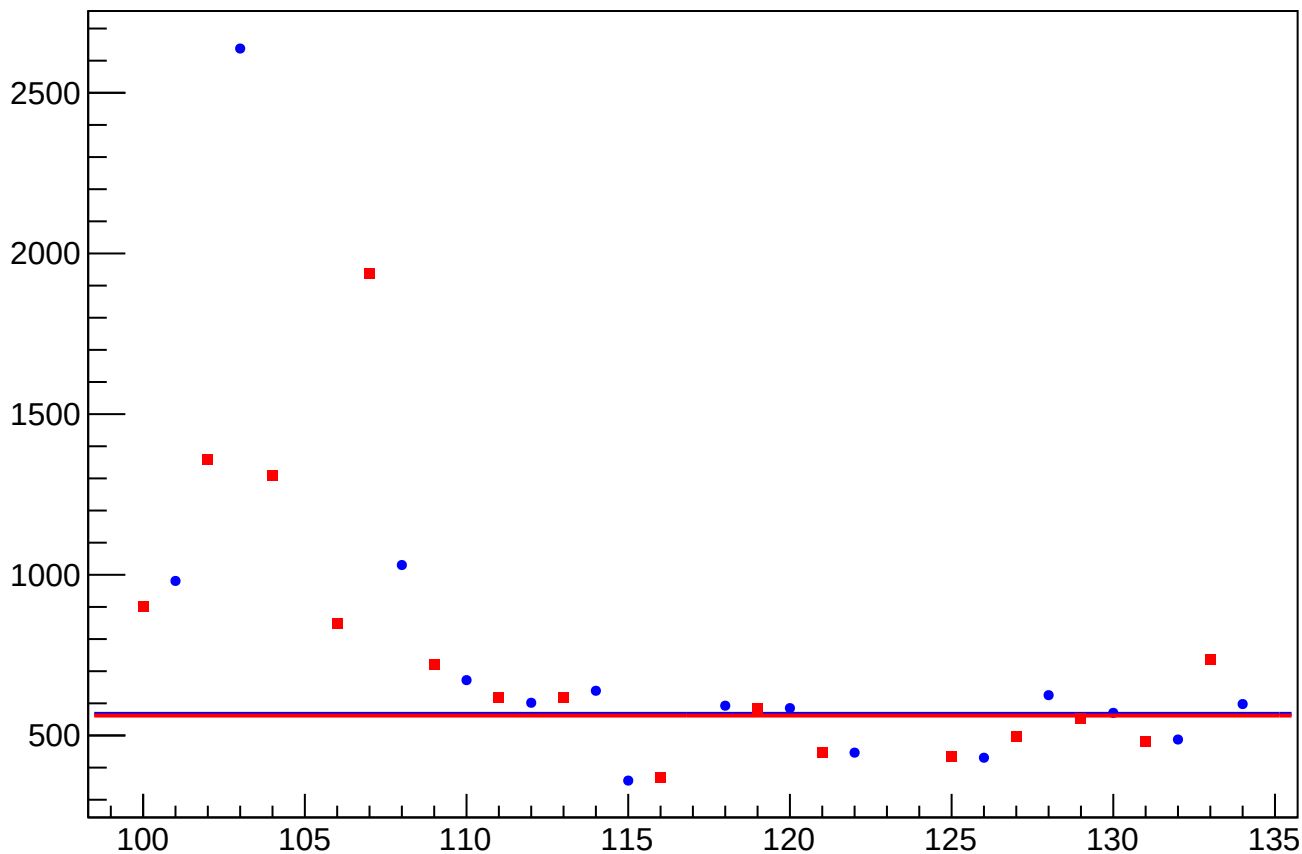
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -235.494+/-169.076 χ^2/NDF : 34.9/30

- 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: 561.939+/-0.168 χ^2/NDF : 1351919.3/15

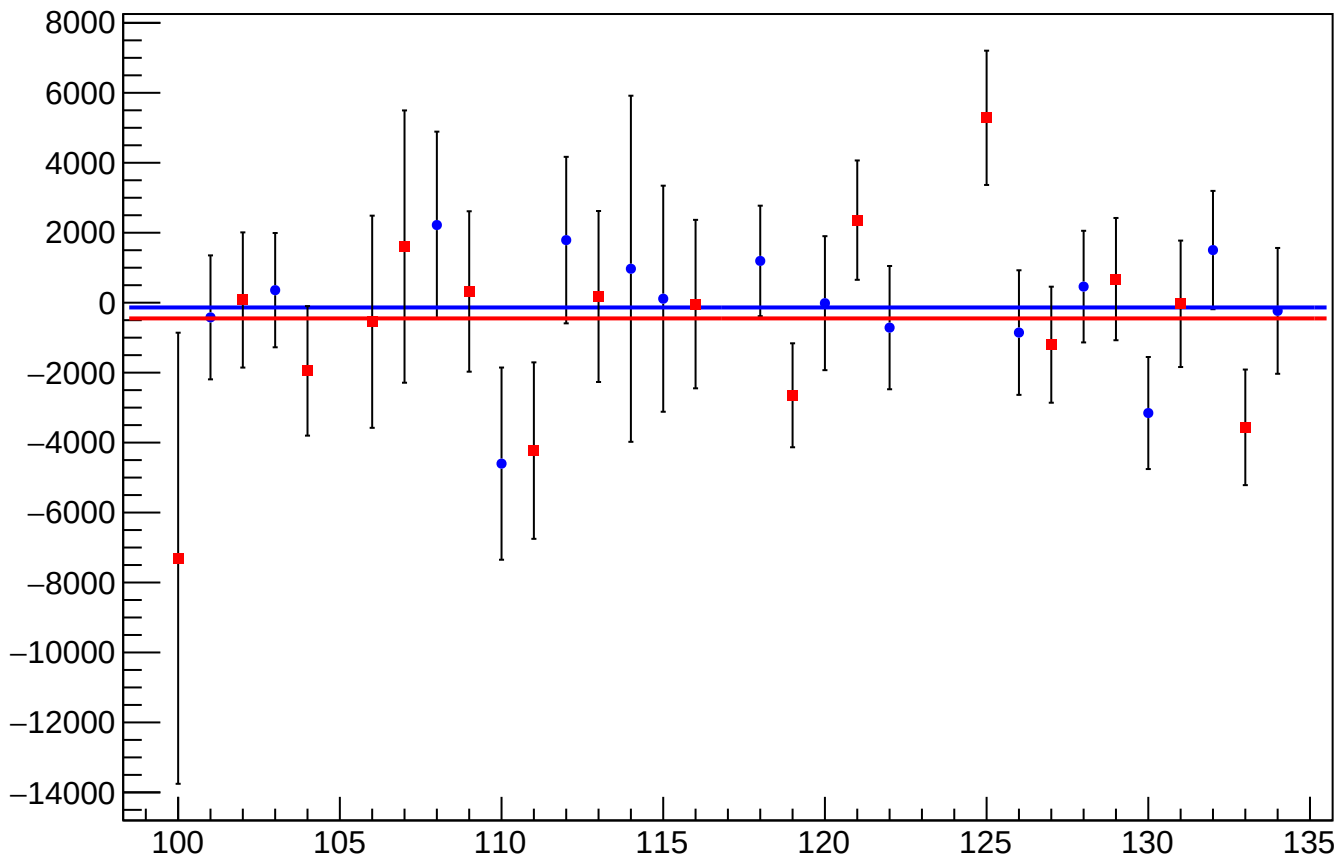
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 564.541+/-0.120 χ^2/NDF : 2635666.0/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -449.642 ± 507.910 χ^2/NDF : 22.6/15

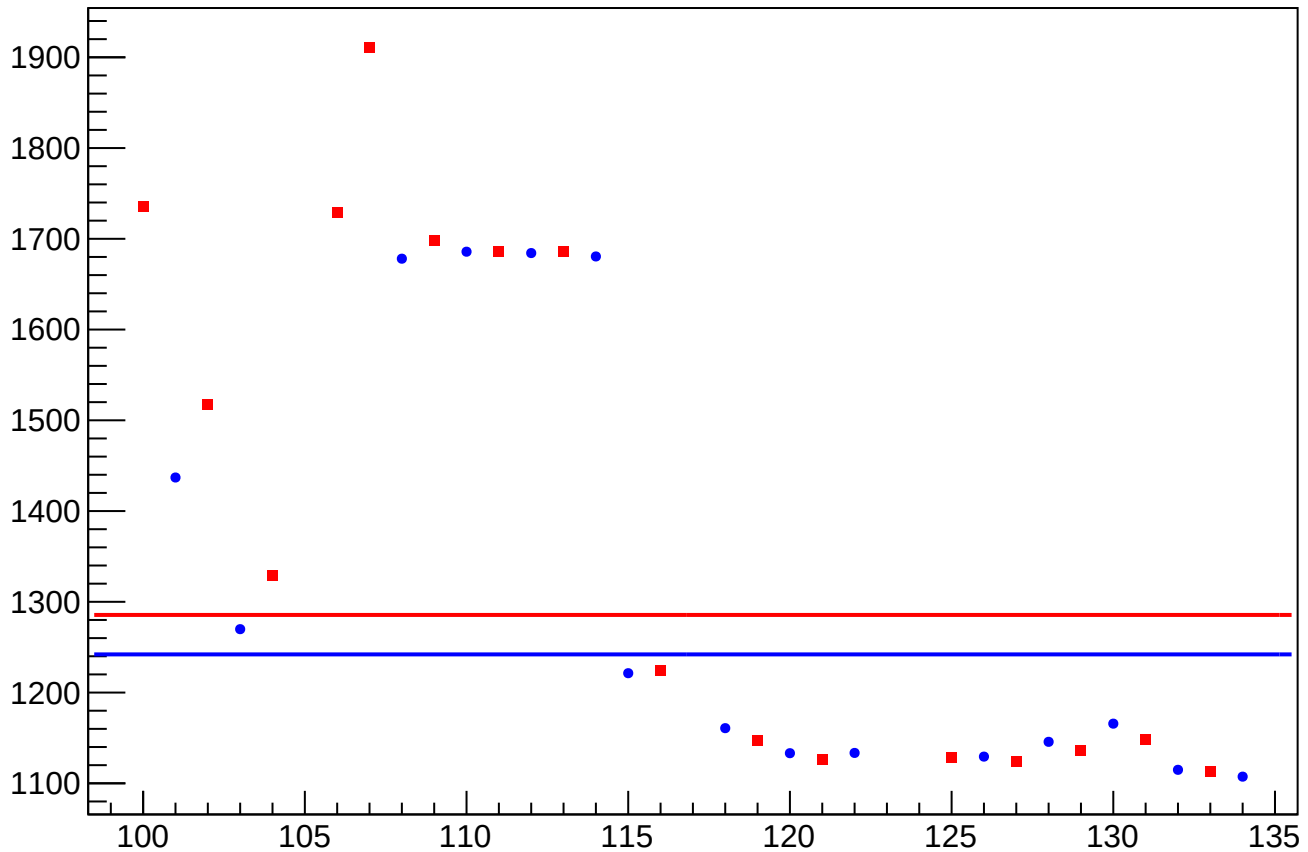
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -289.979 ± 355.615 χ^2/NDF : 32.7/30

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_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: 1285.538 $\pm$ 0.359 χ^2 /NDF: 419238.2/15

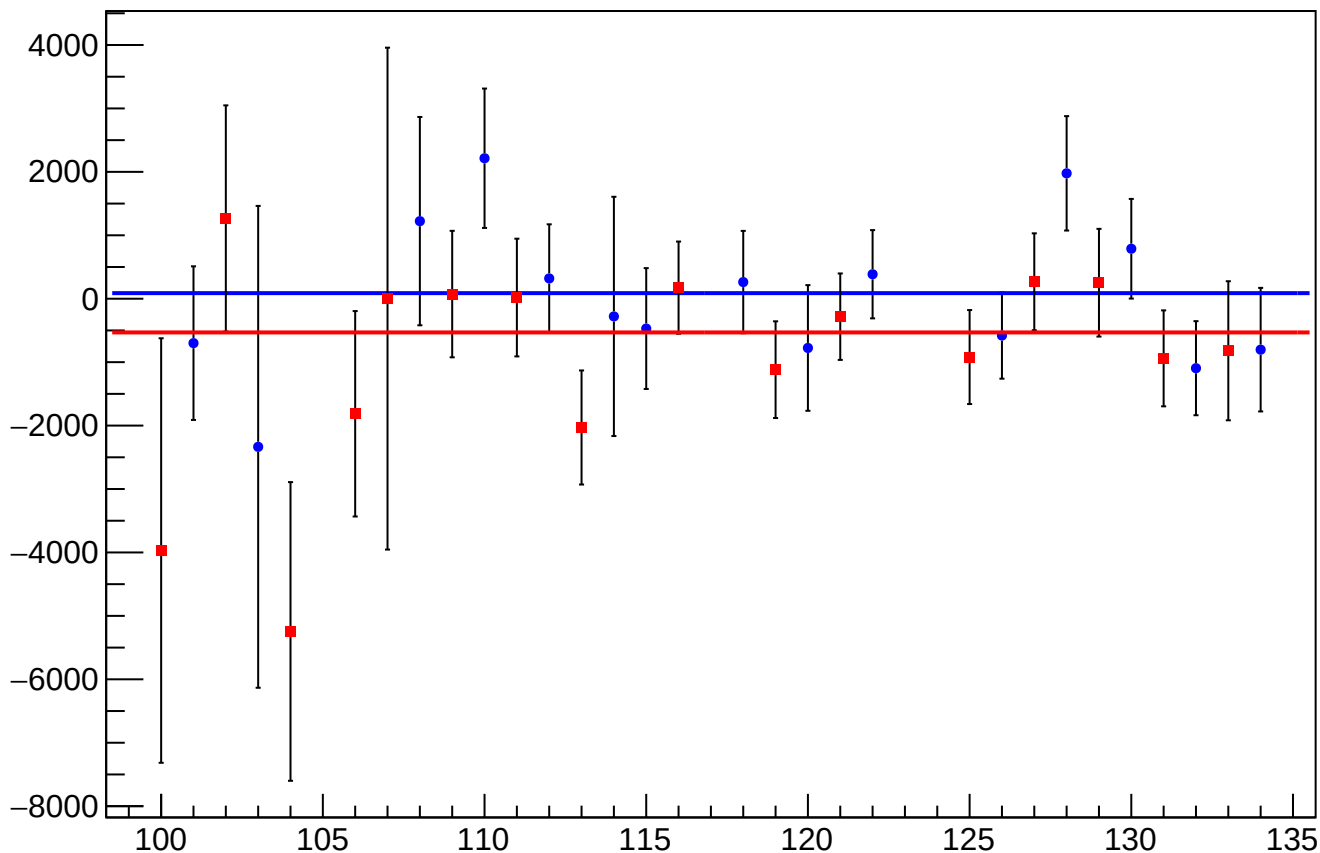
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1263.375 $\pm$ 0.251 χ^2 /NDF: 703548.5/30

- sign 0.000 $\pm$ 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: -531.332 ± 237.659 χ^2/NDF : 14.5/15

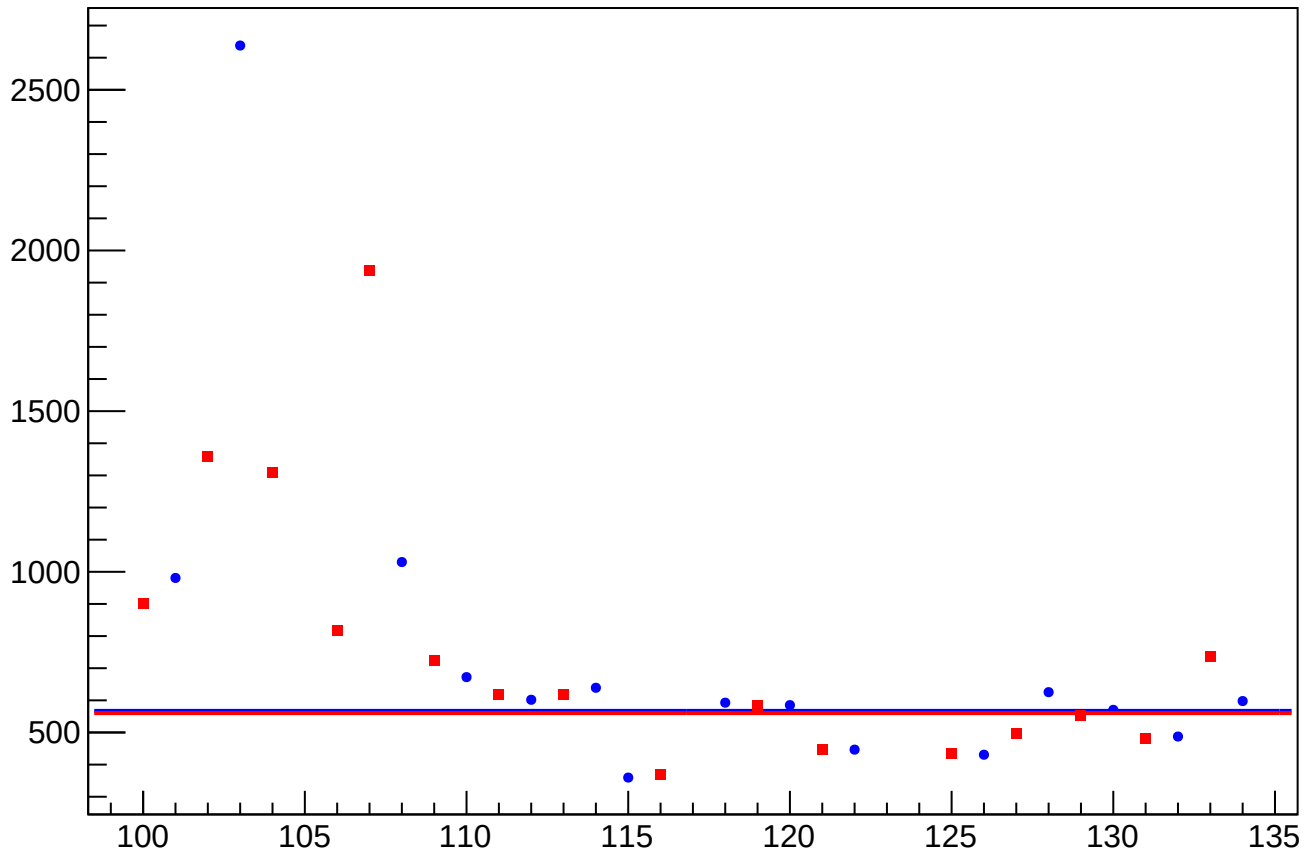
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -225.997 ± 169.225 χ^2/NDF : 33.9/30

- 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: 560.263+/-0.168 χ^2/NDF : 1329108.5/15

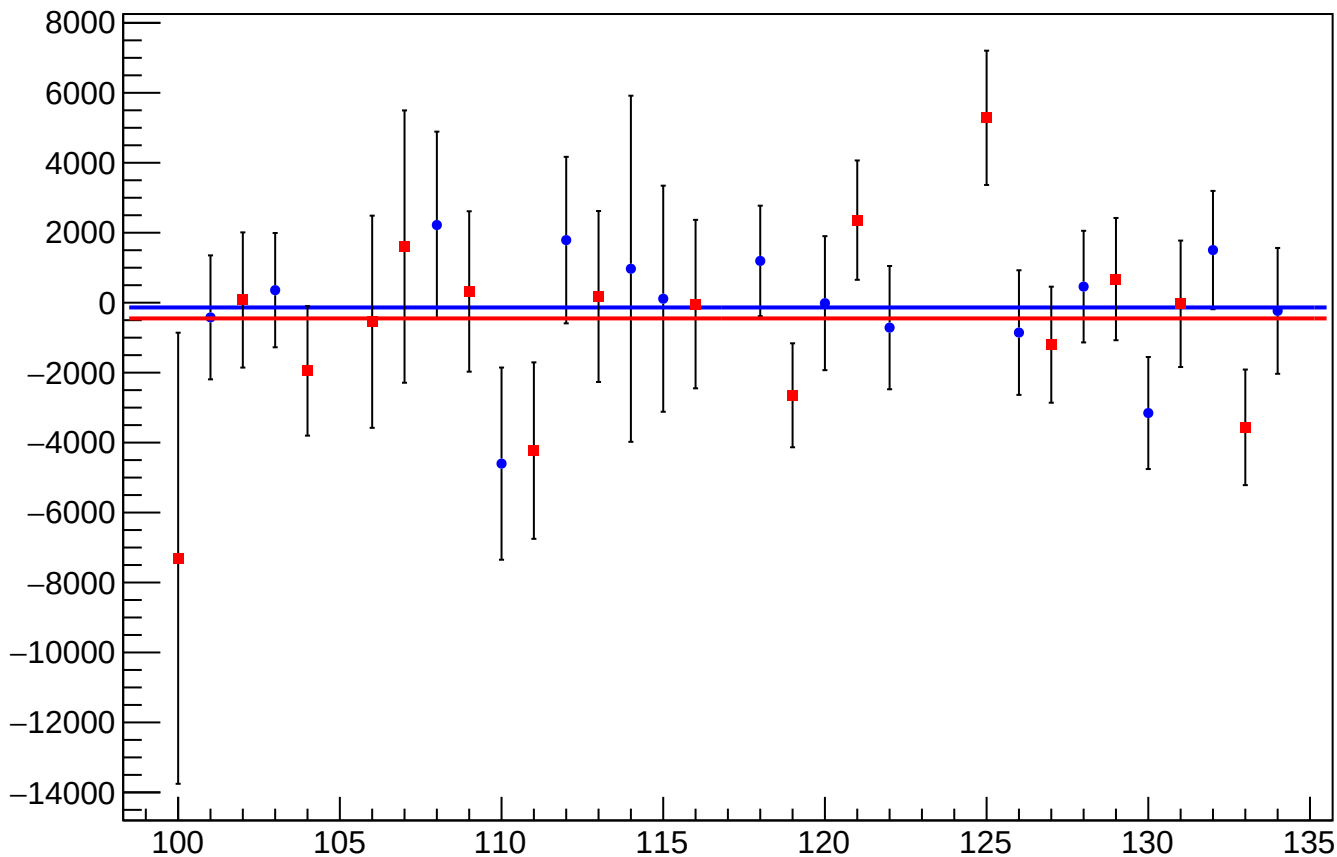
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 563.693+/-0.120 χ^2/NDF : 2613189.4/30

- 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: -449.642+/-507.910 χ^2 /NDF: 22.6/15

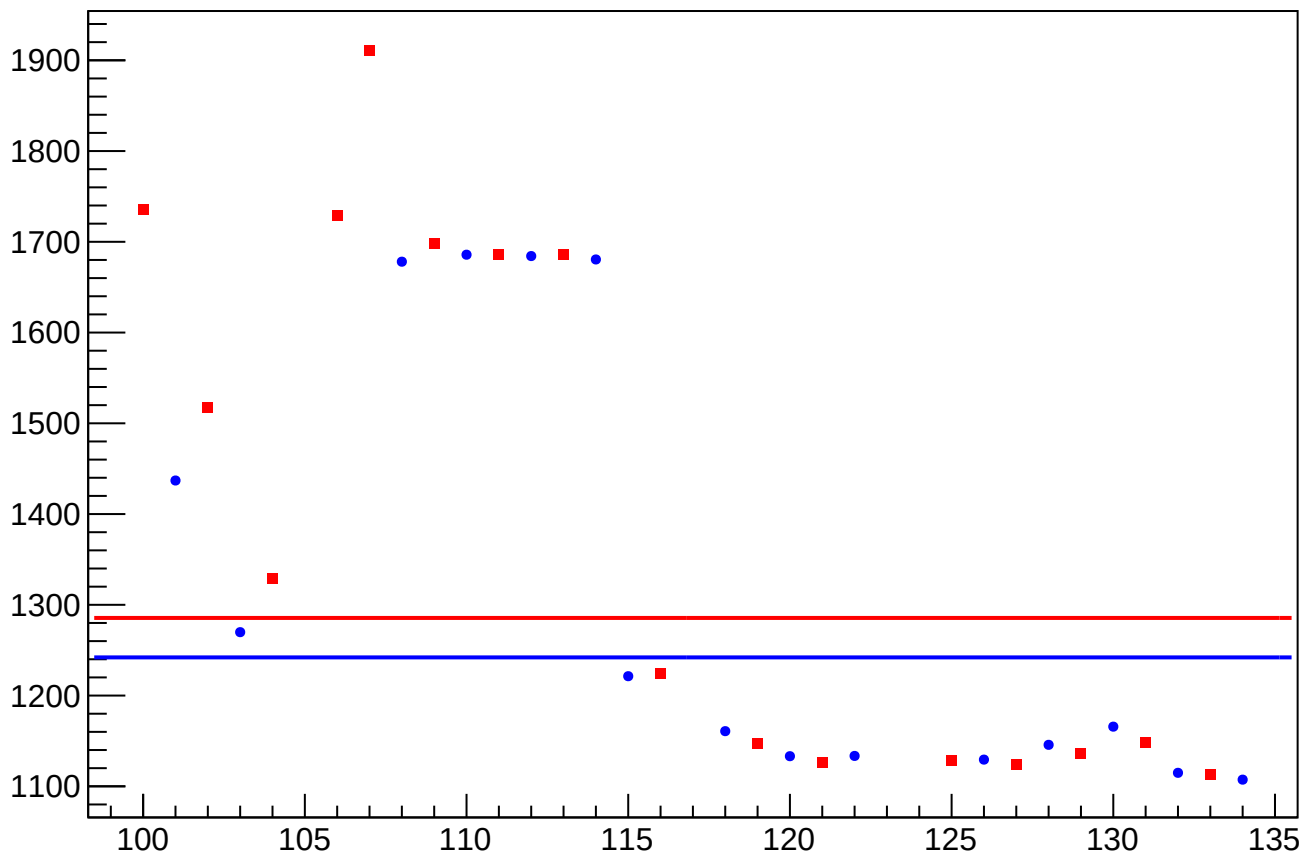
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -289.979+/-355.615 χ^2 /NDF: 32.7/30

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_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: 1285.538 $\pm$ 0.359 χ^2 /NDF: 419238.2/15

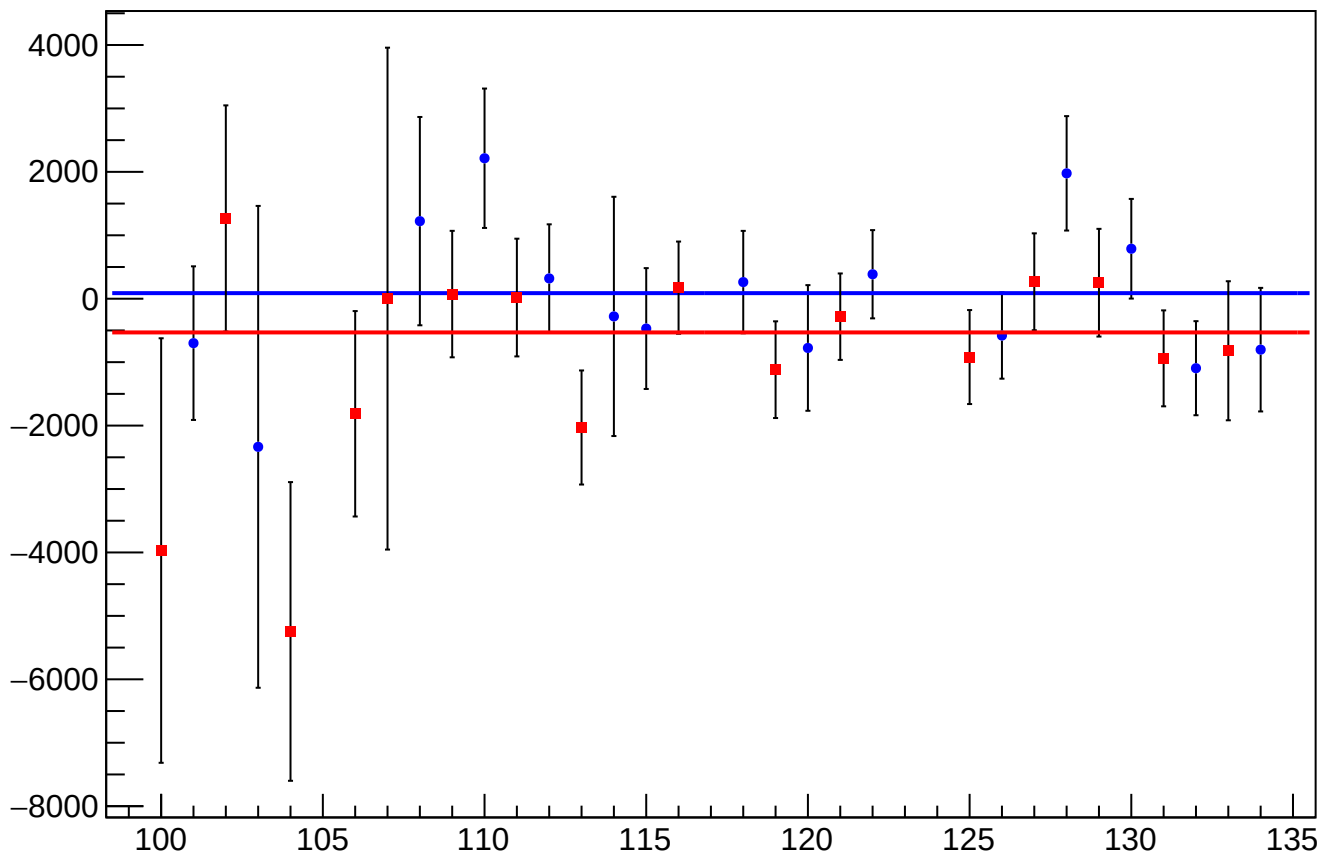
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1263.375 $\pm$ 0.251 χ^2 /NDF: 703548.5/30

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_eigen_cor_correction_mean vs Slug



Right In: 88.025 $\pm$ 241.016 χ^2 /NDF: 16.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -531.332 $\pm$ 237.659 χ^2 /NDF: 14.5/15

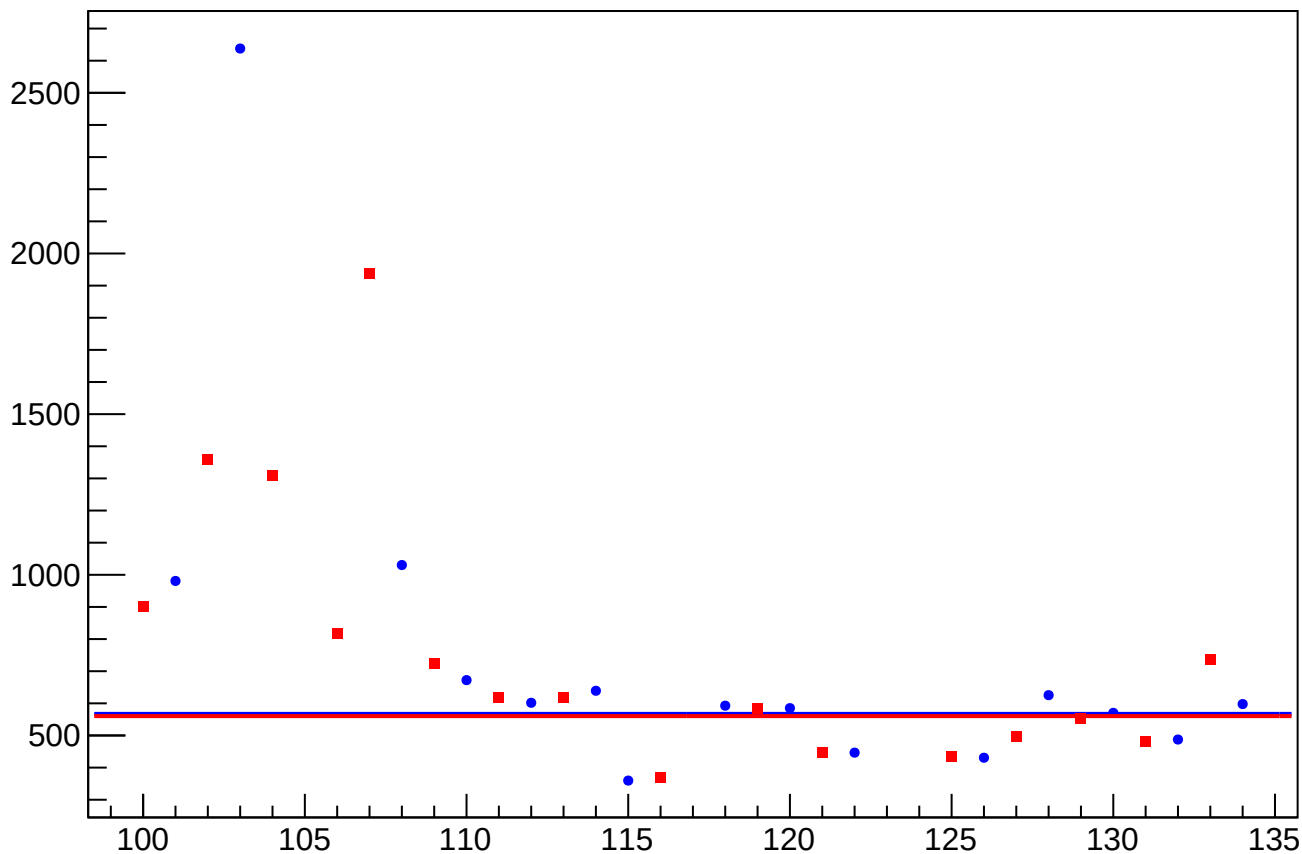
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -225.997 $\pm$ 169.225 χ^2 /NDF: 33.9/30

- sign 0.000 $\pm$ 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: 560.263+/-0.168 χ^2/NDF : 1329108.5/15

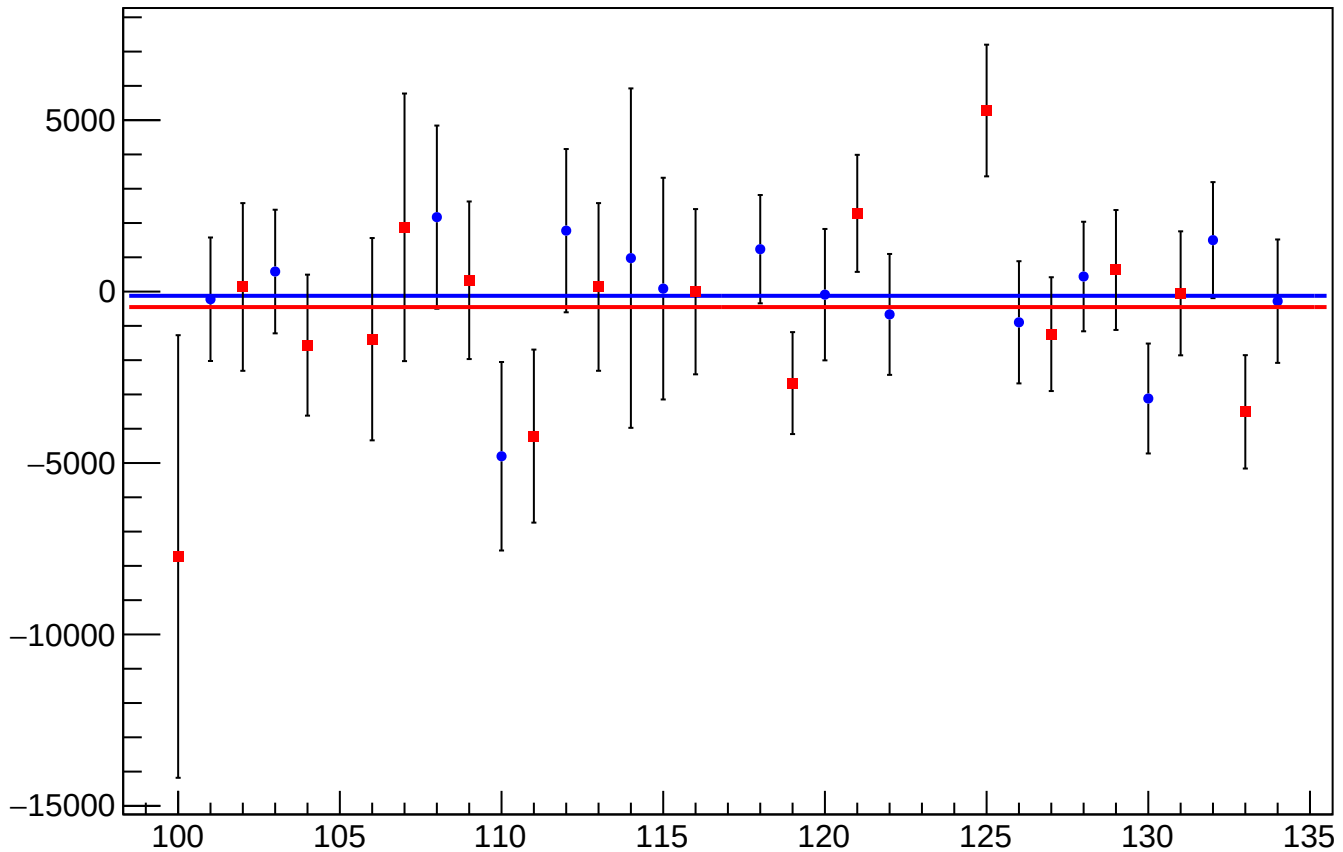
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 563.693+/-0.120 χ^2/NDF : 2613189.4/30

- 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: -451.693 $\pm$ 518.313 χ^2 /NDF: 22.3/15

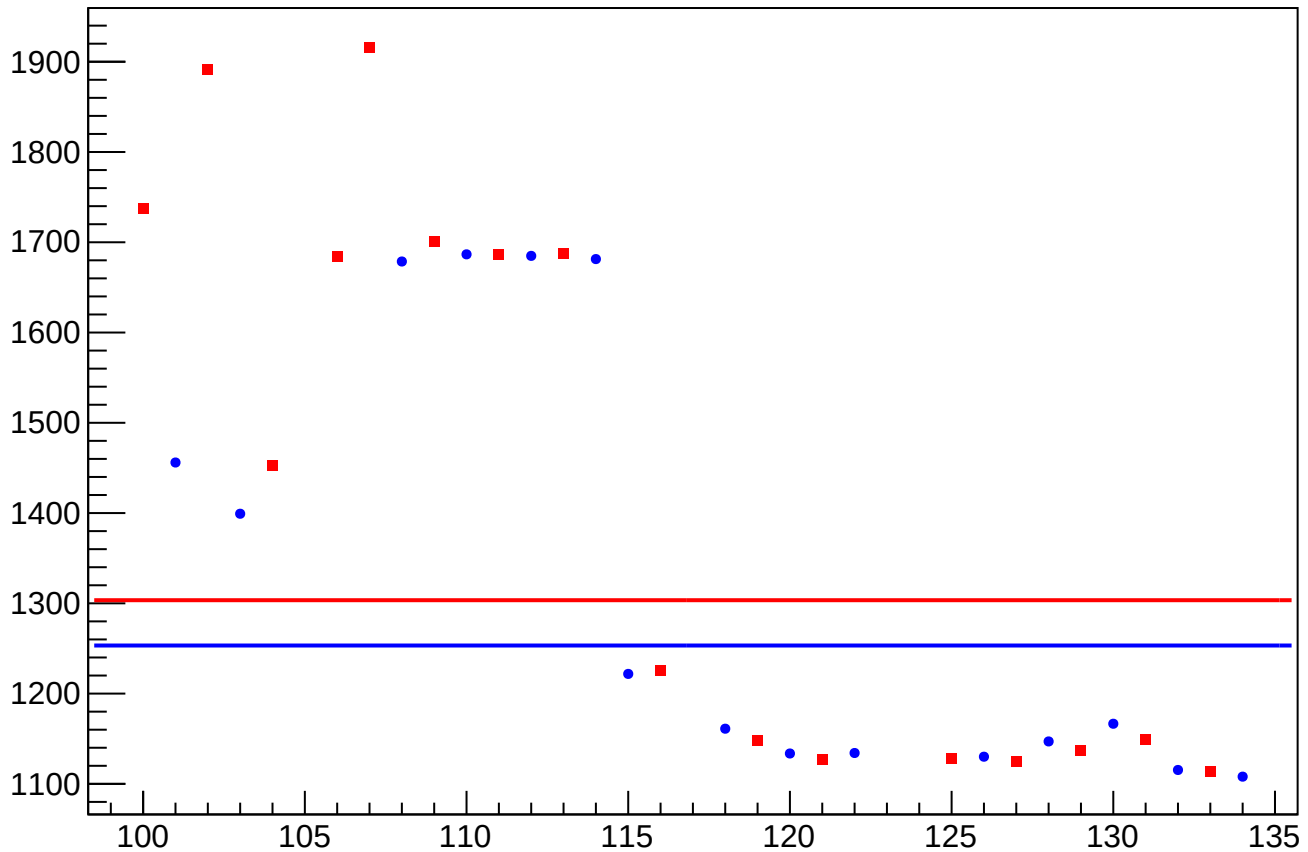
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -282.534 $\pm$ 361.017 χ^2 /NDF: 32.5/30

- 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: 1303.456+/-0.367 χ^2/NDF : 517628.8/15

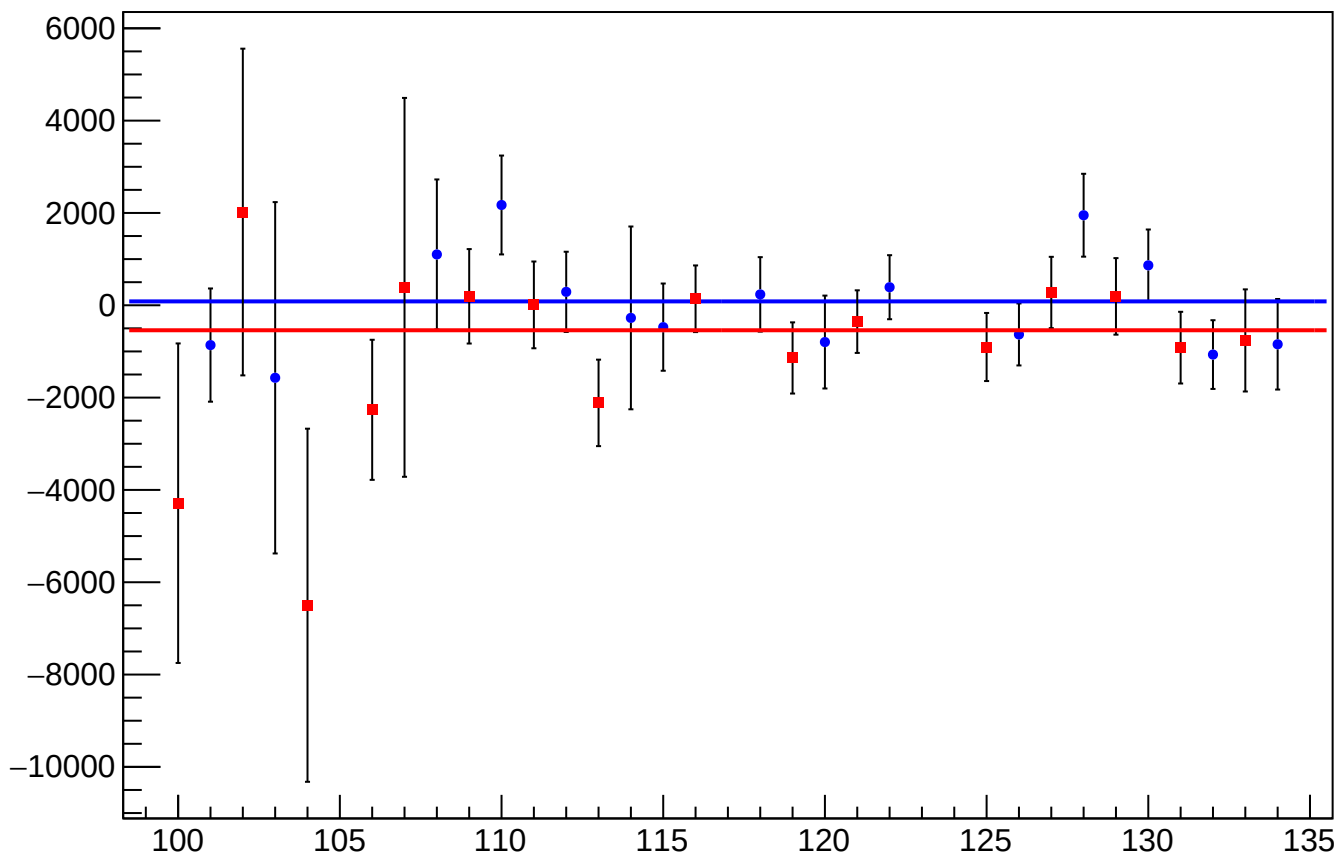
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1277.616+/-0.255 χ^2/NDF : 821385.1/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_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: -541.341 $\pm$ 241.306 χ^2 /NDF: 13.1/15

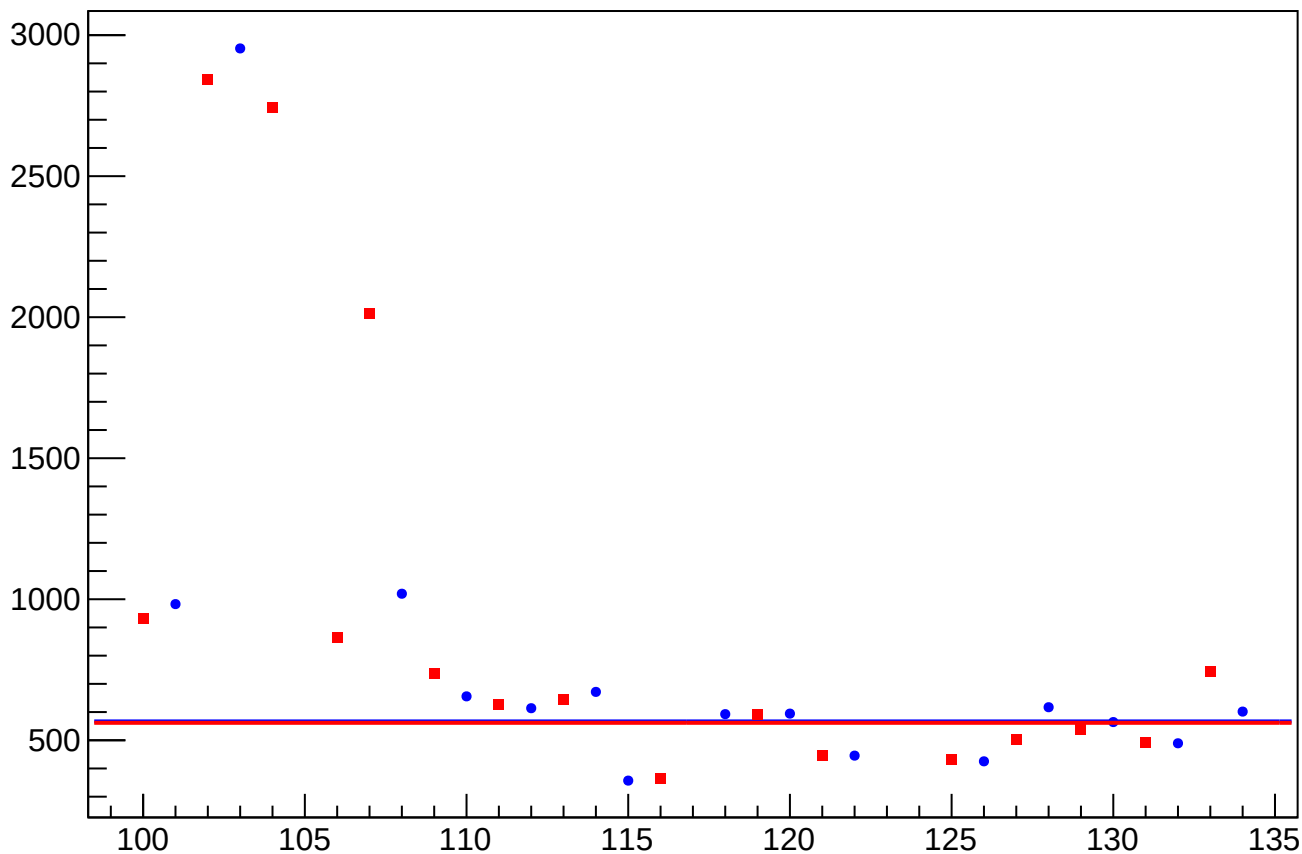
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -227.919 $\pm$ 170.442 χ^2 /NDF: 32.7/30

- sign 0.000 $\pm$ 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: 561.927+/-0.171 χ^2/NDF : 2273009.6/15

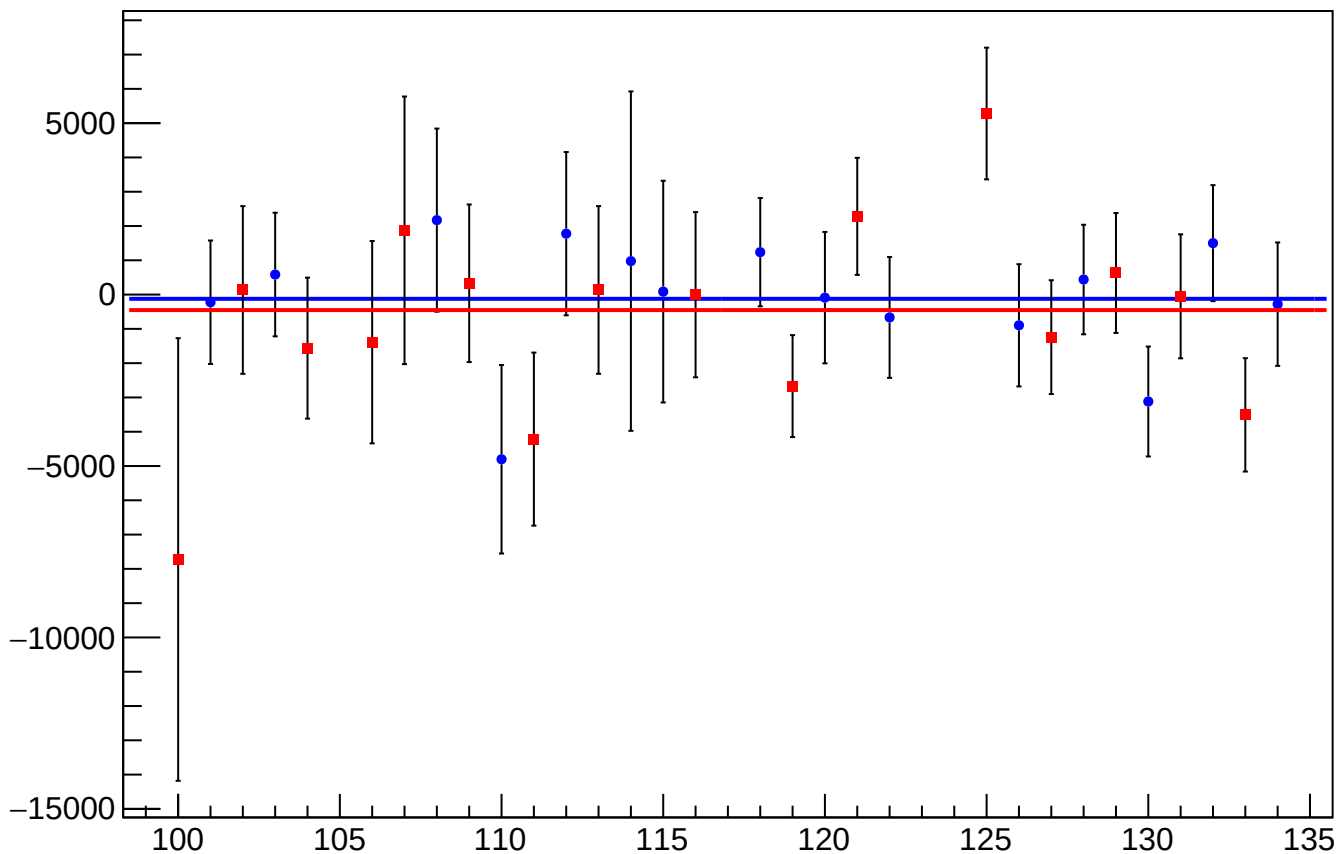
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 564.389+/-0.121 χ^2/NDF : 3752871.9/30

- 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: -451.693 $\pm$ 518.313 χ^2 /NDF: 22.3/15

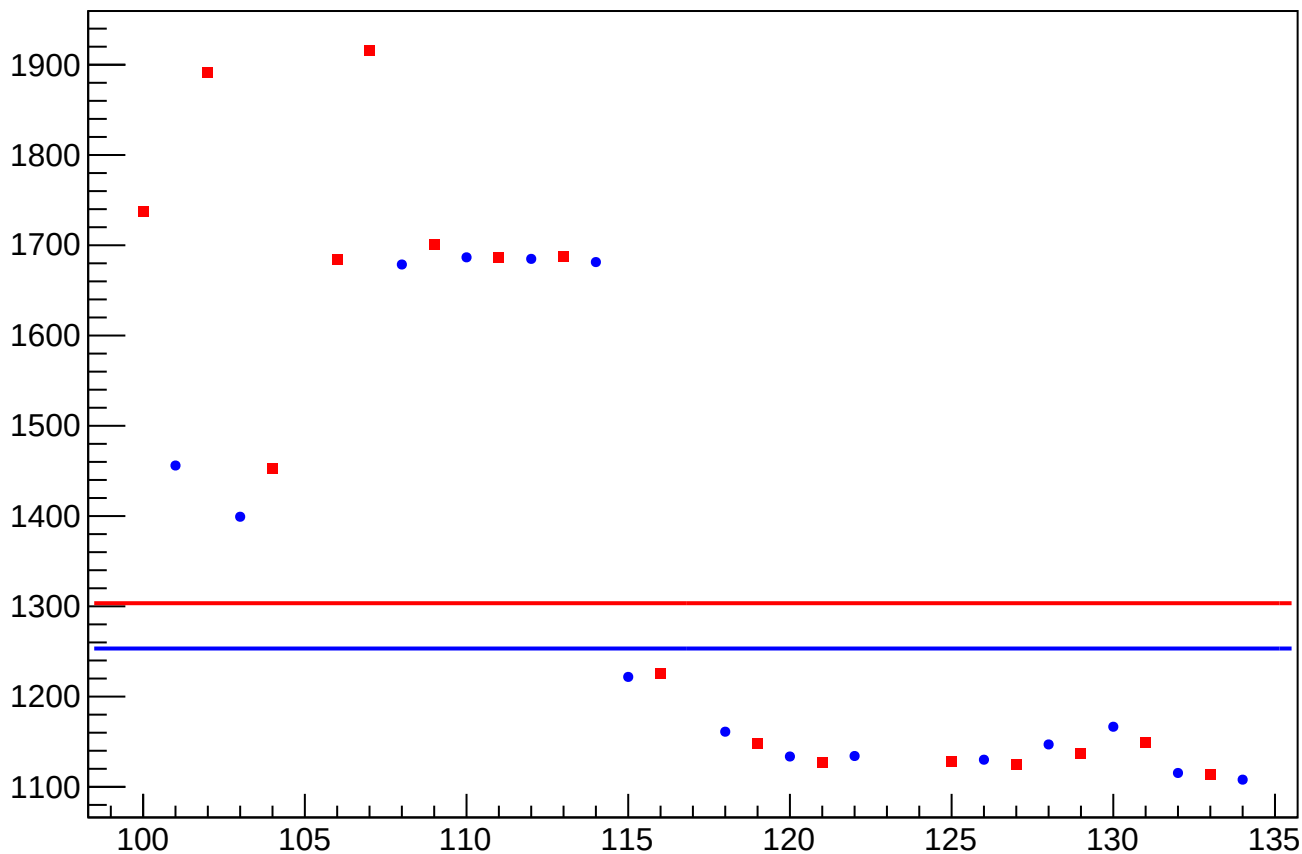
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -282.534 $\pm$ 361.017 χ^2 /NDF: 32.5/30

- 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 $\pm$ 0.356 χ^2 /NDF: 294101.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1303.456 $\pm$ 0.367 χ^2 /NDF: 517628.3/15

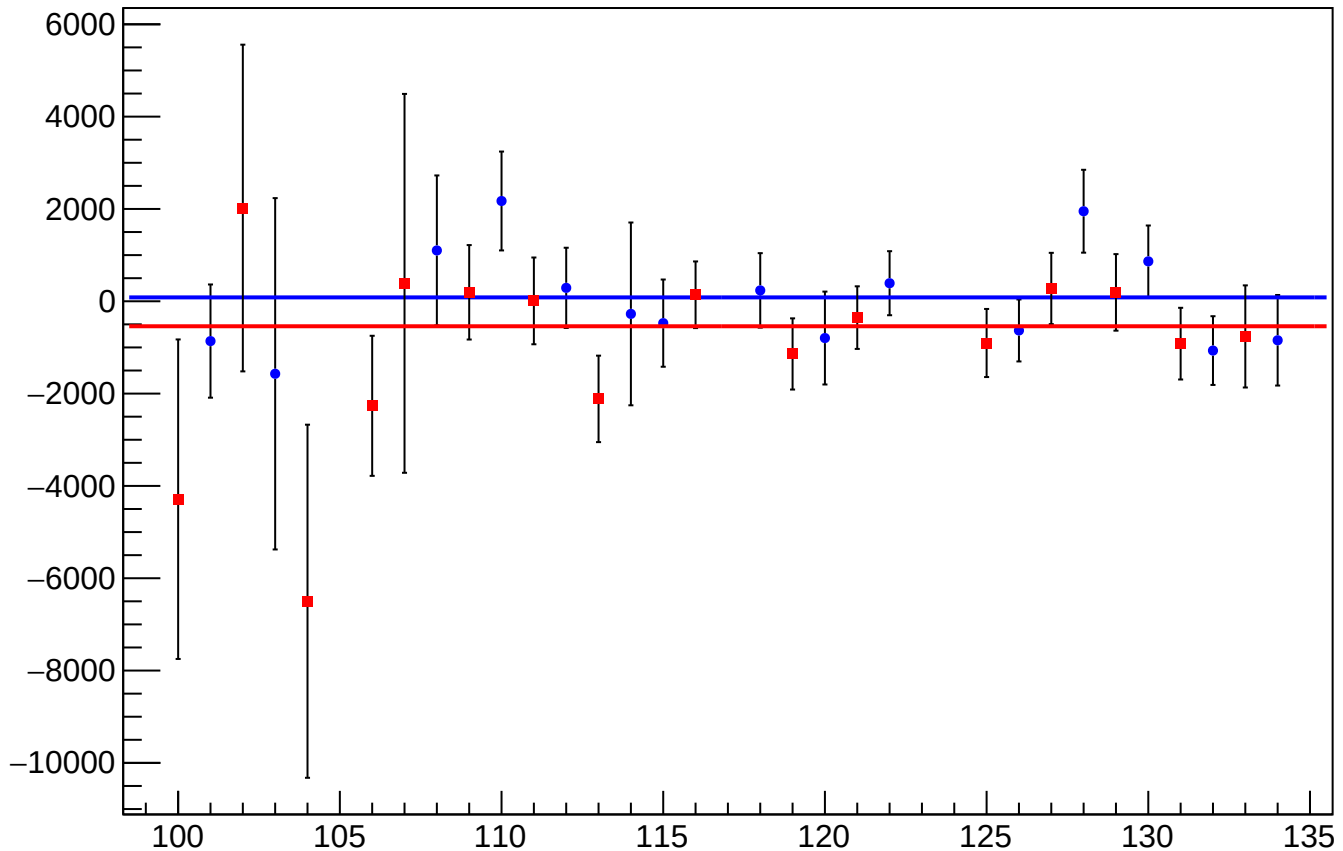
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1277.616 $\pm$ 0.255 χ^2 /NDF: 821384.3/30

- sign 0.000 $\pm$ 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: -541.342 $\pm$ 241.306 χ^2 /NDF: 13.1/15

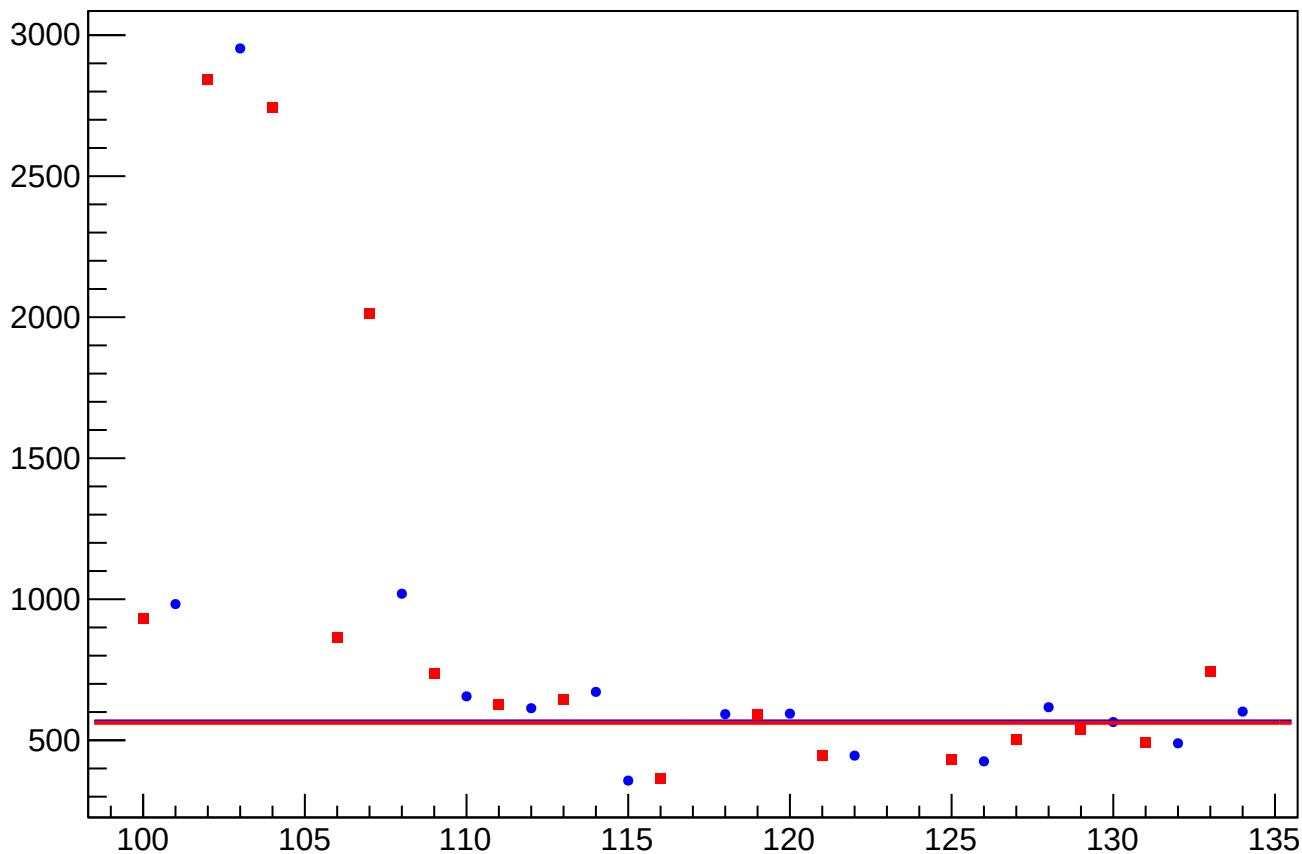
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -227.919 $\pm$ 170.442 χ^2 /NDF: 32.7/30

- 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

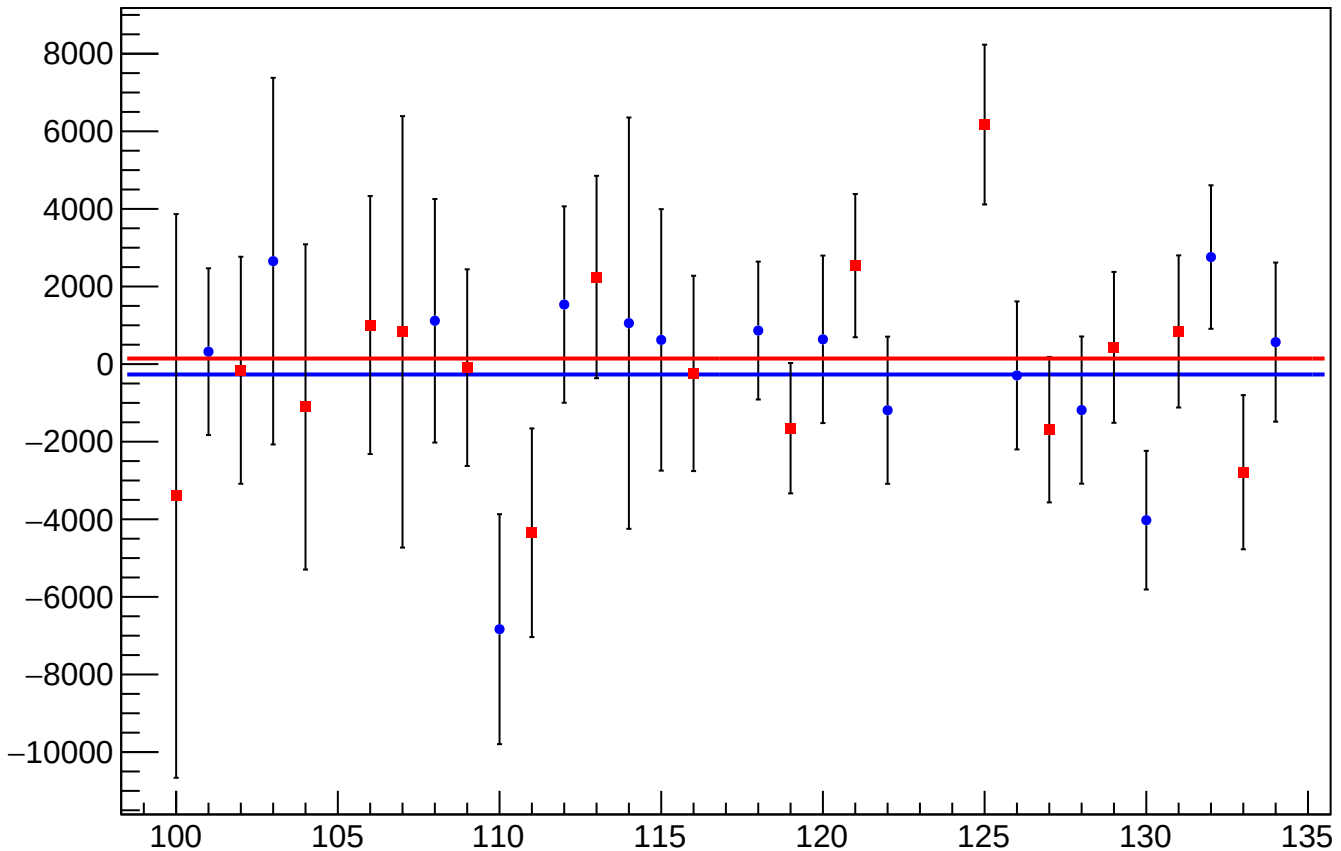
Right Out: 561.927+/-0.171 χ^2/NDF : 2273010.3/15

All: 564.389+/-0.121 χ^2/NDF : 3752870.1/30

- 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: 143.842+/-591.271 χ^2/NDF : 18.6/15

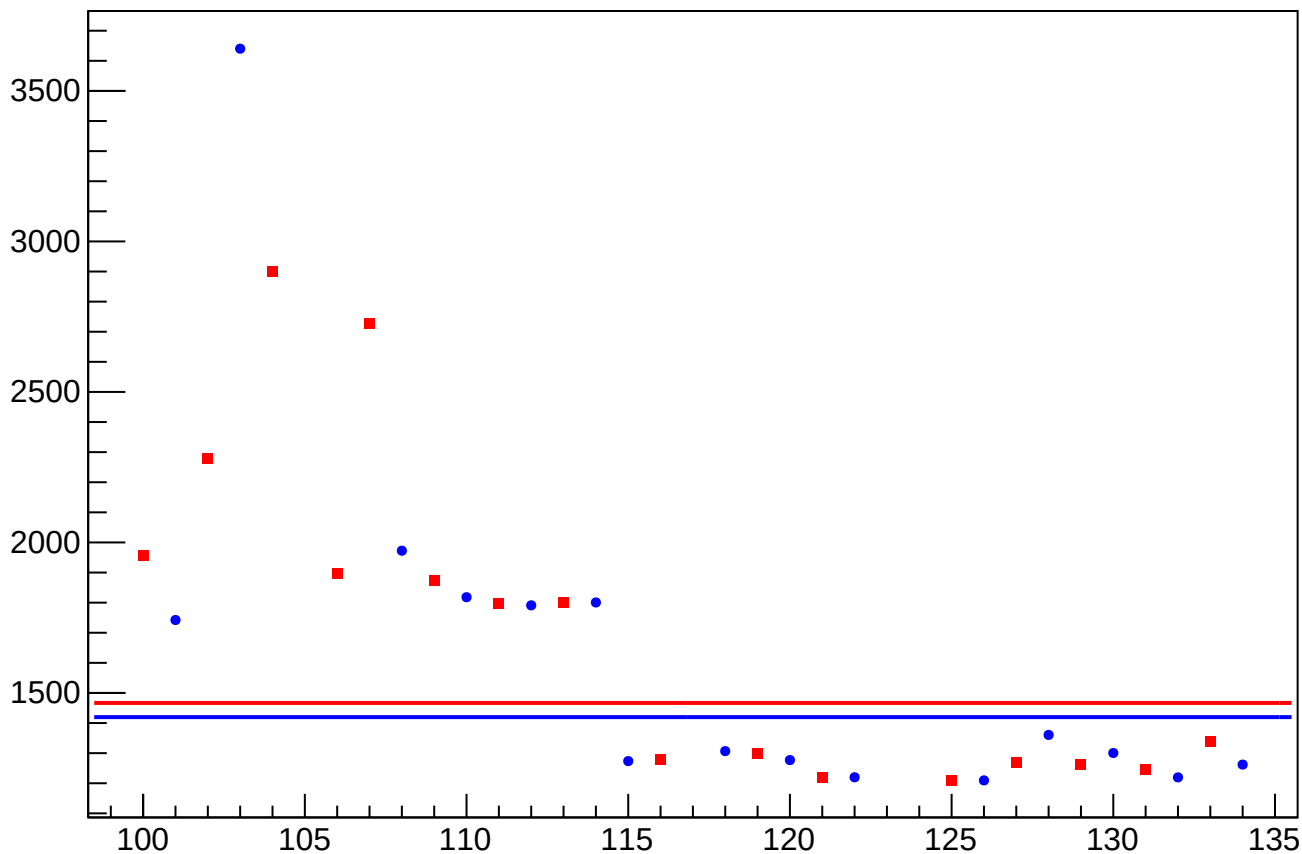
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.488+/-414.436 χ^2/NDF : 33.3/30

- 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: 1466.861+/-0.418 χ^2/NDF : 824509.0/15

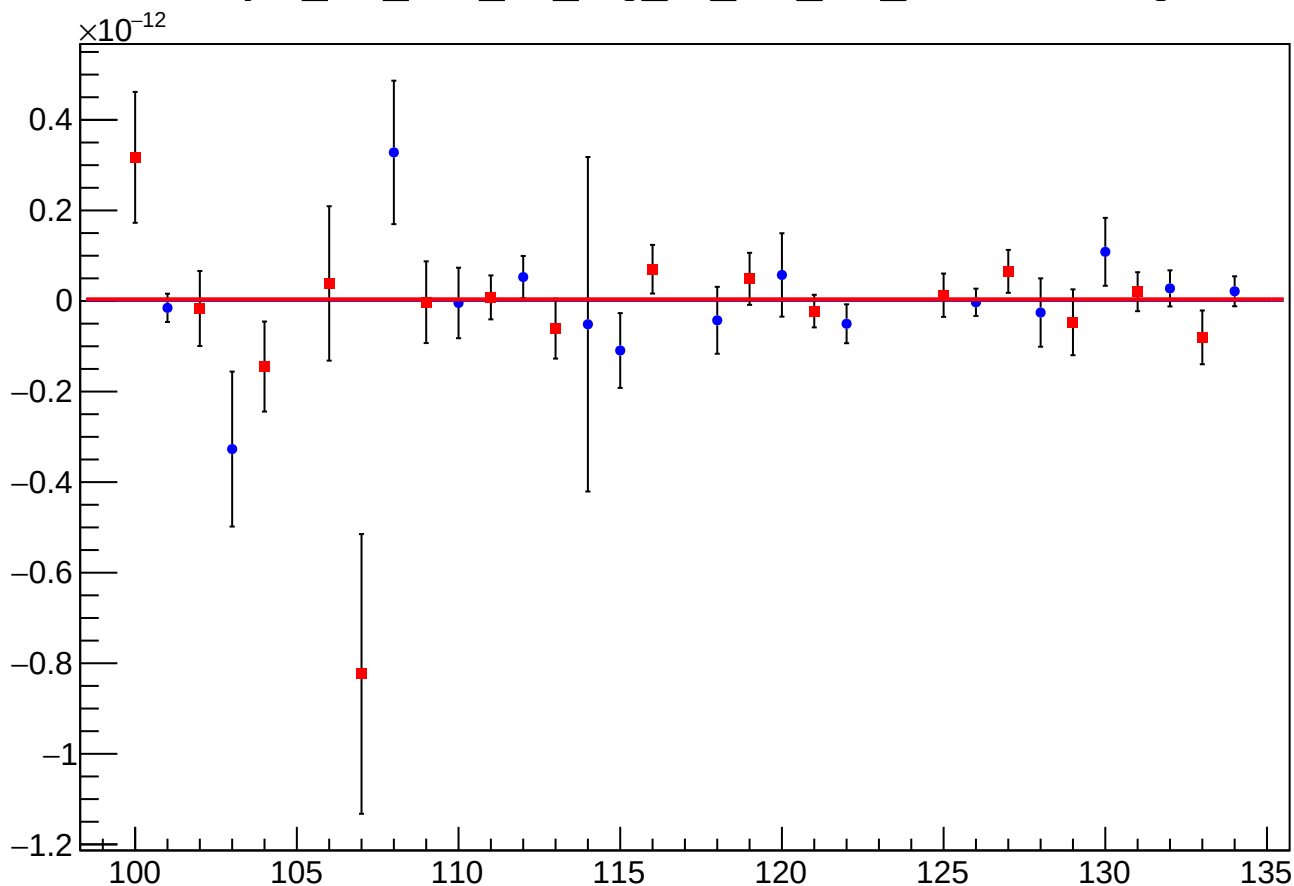
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1442.877+/-0.293 χ^2/NDF : 1582643.0/30

- 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: 22.2/15

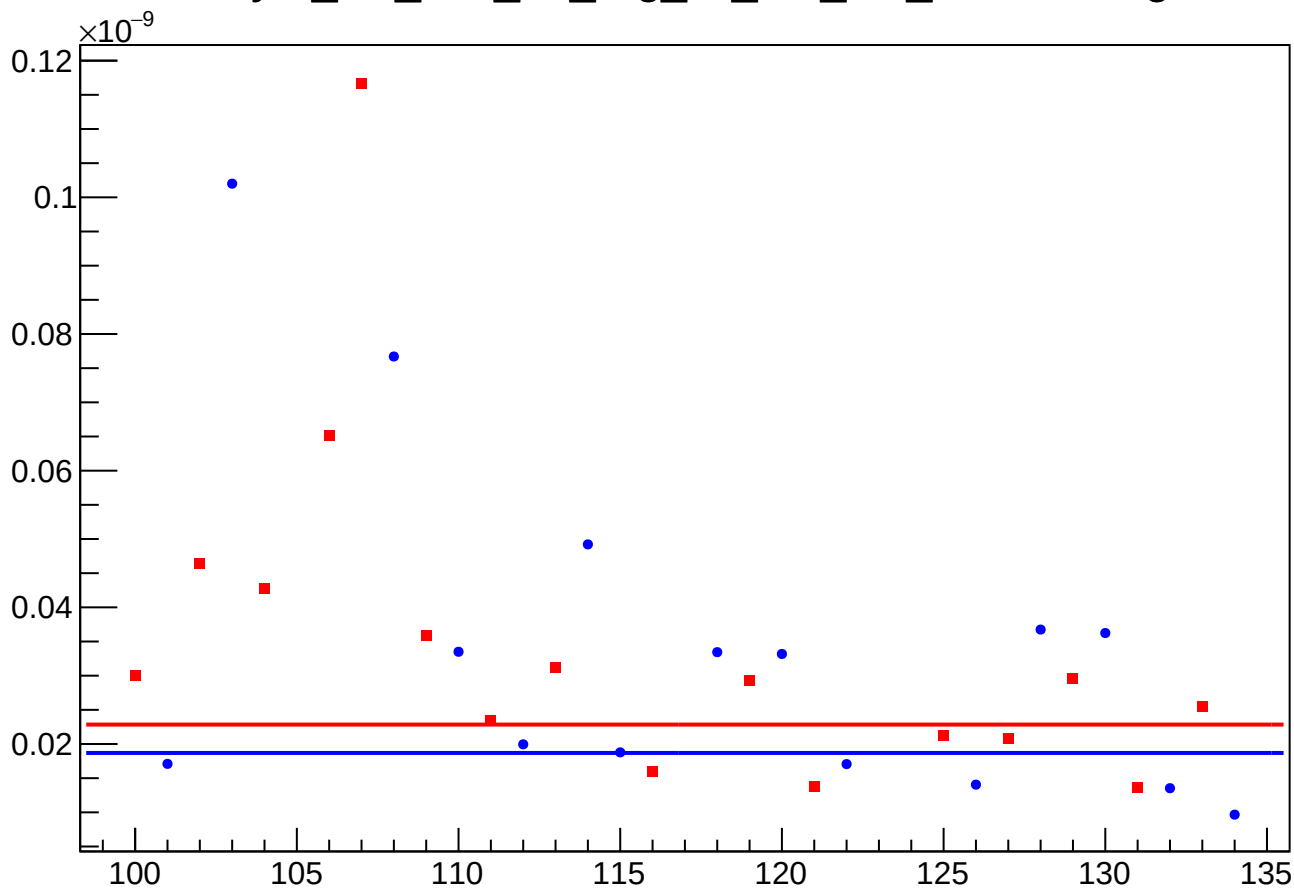
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 38.7/30

- 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: 933529.2/15

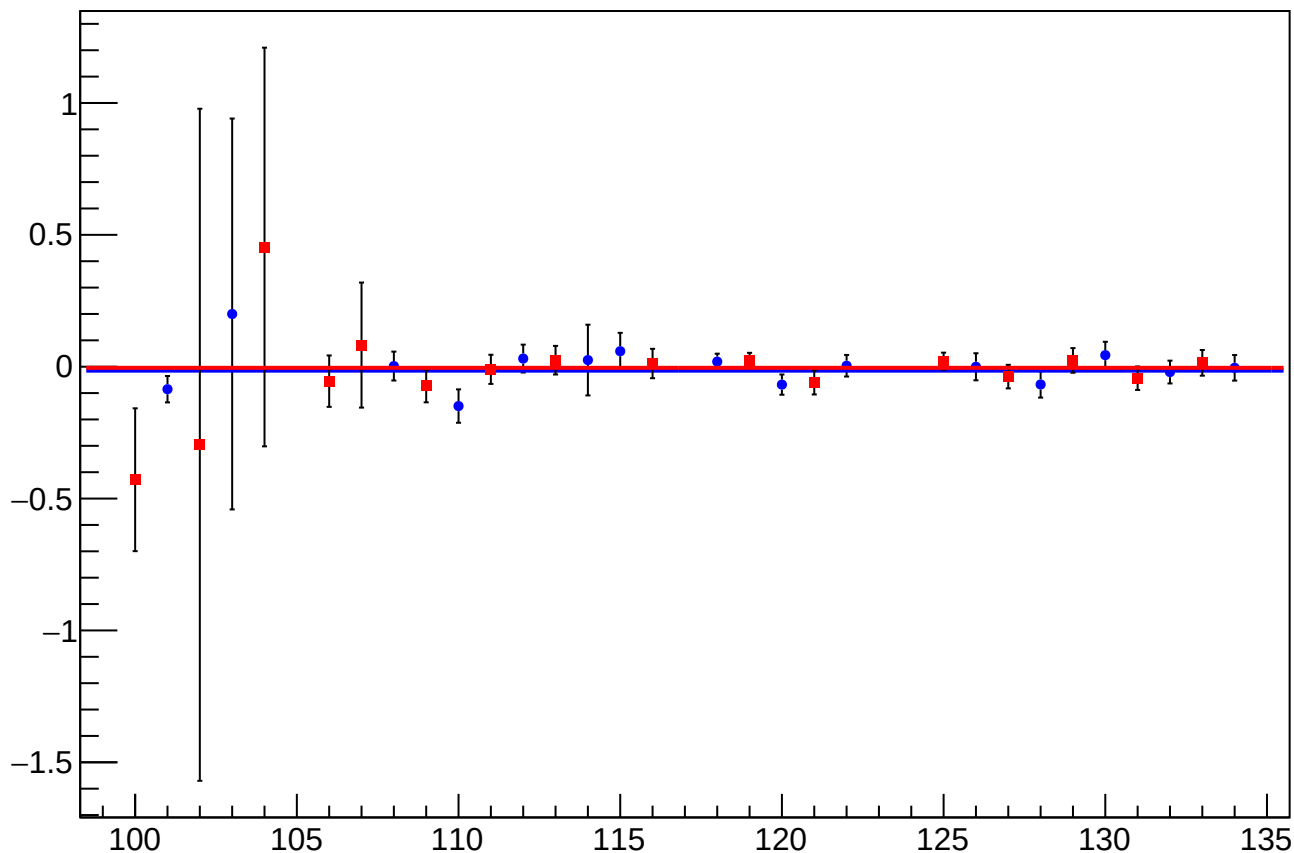
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2440284.4/30

- 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+/-0.013 χ^2/NDF : 9.7/15

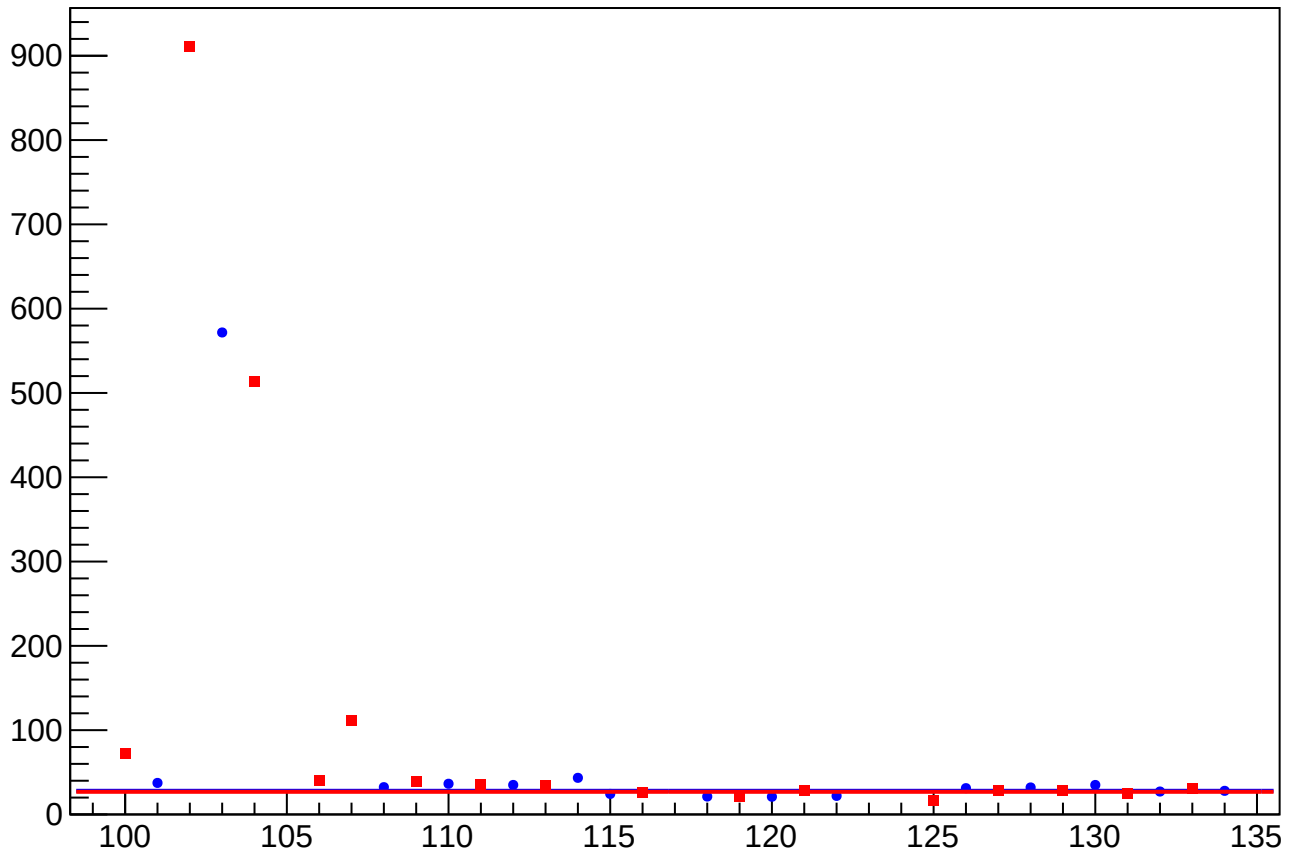
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.009 χ^2/NDF : 24.6/30

- 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: 26.875+/-0.009 χ^2/NDF : 2596339.0/15

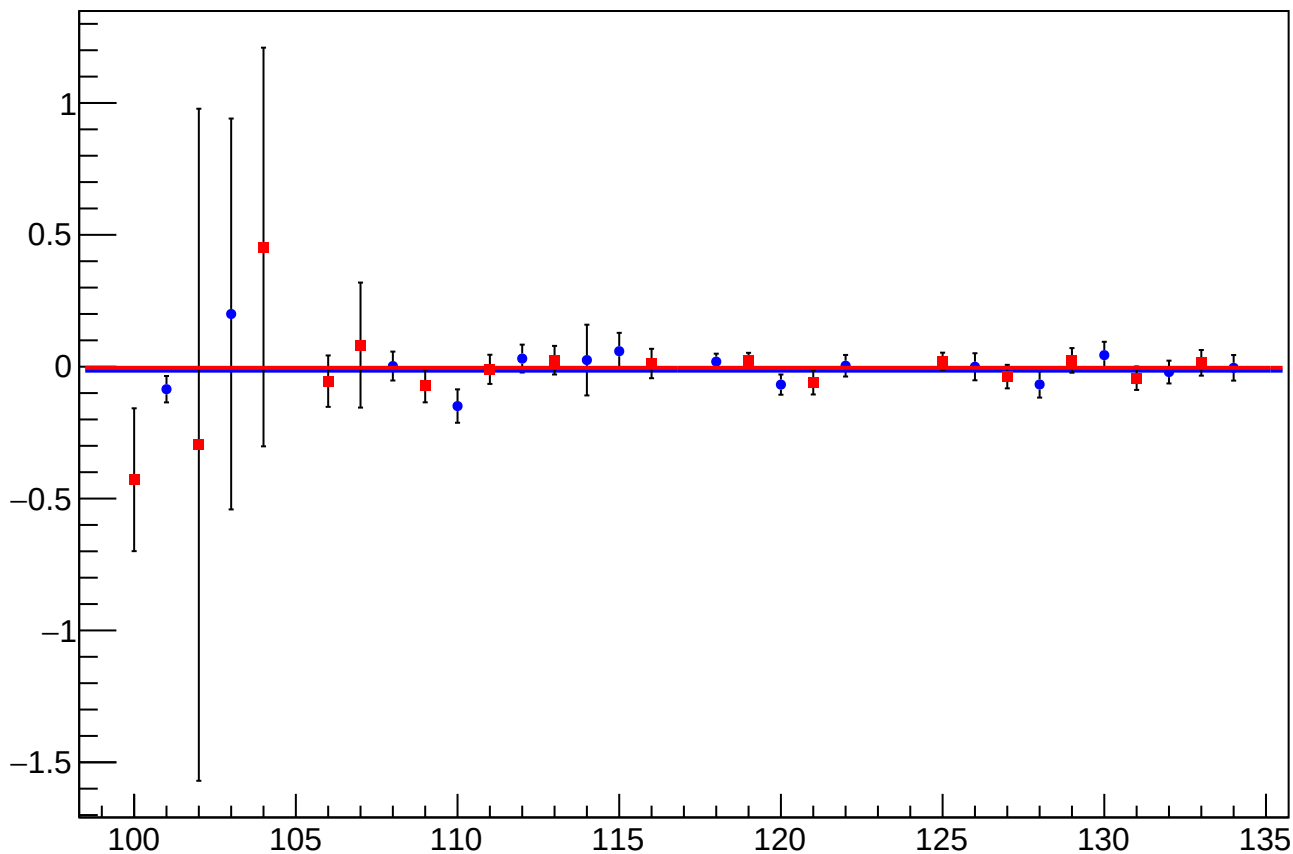
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.482+/-0.006 χ^2/NDF : 4134998.7/30

- 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 ± 0.013 χ^2/NDF : 9.7/15

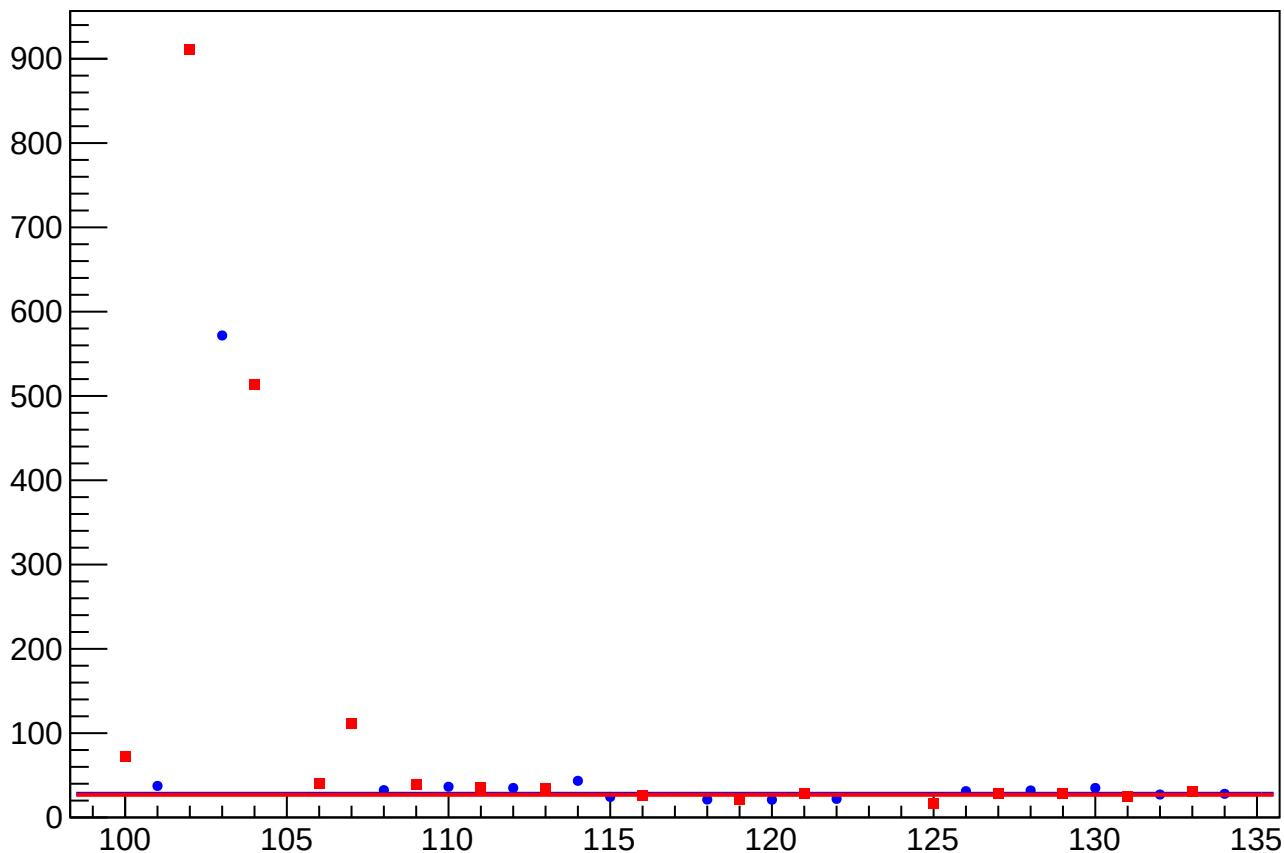
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.009 χ^2/NDF : 24.6/30

- 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: 26.875+/-0.009 χ^2/NDF : 2596339.0/15

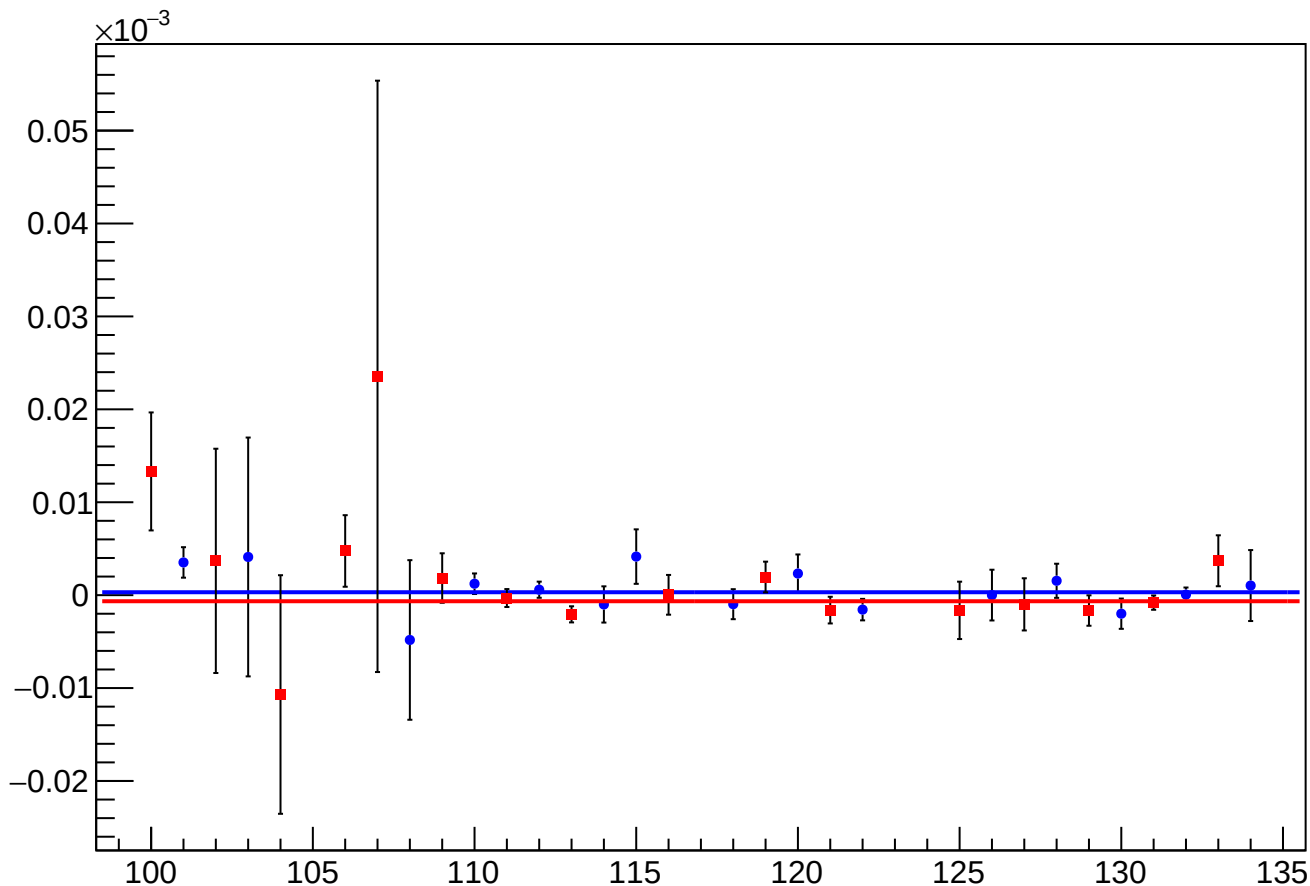
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.482+/-0.006 χ^2/NDF : 4134998.7/30

- 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 ± 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 : 17.9/15

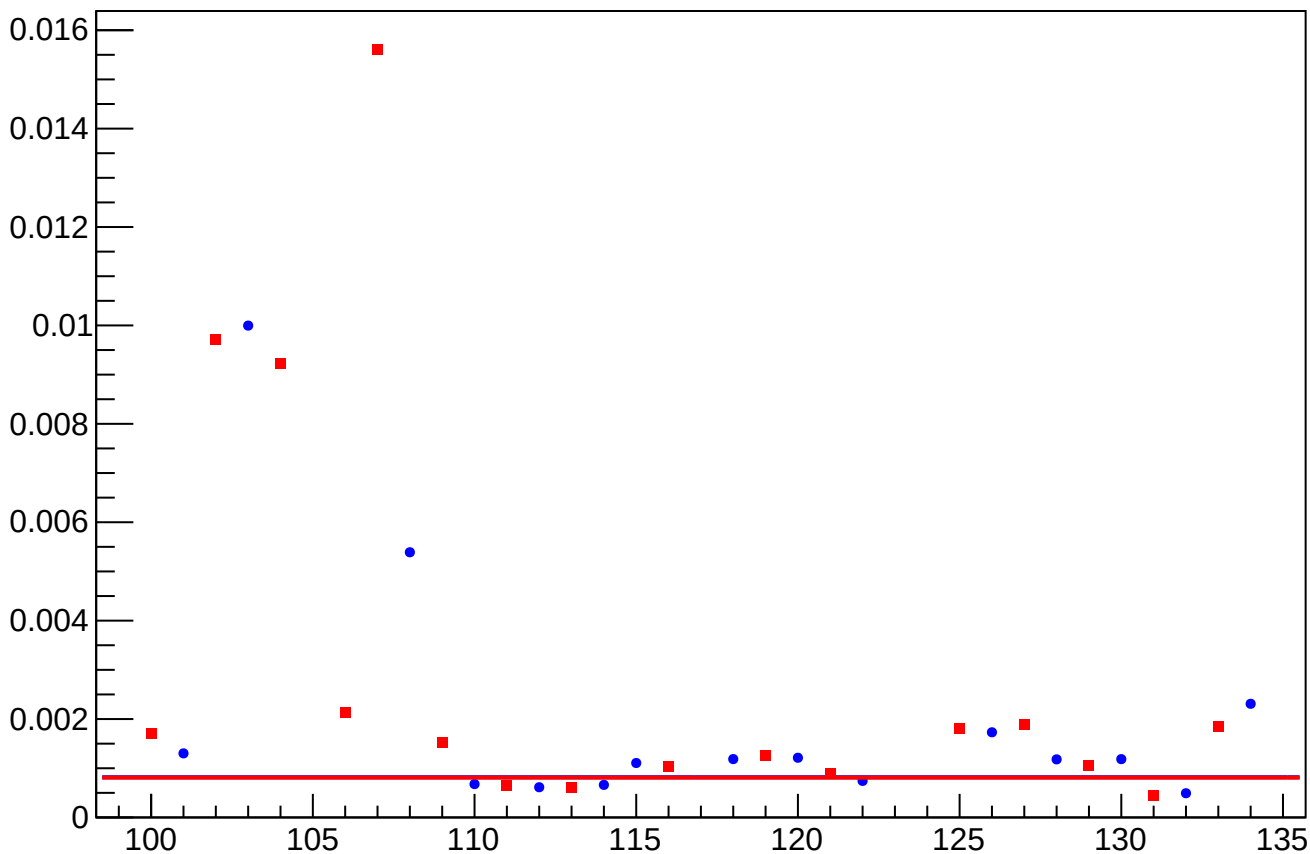
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 35.0/30

- sign 0.000 ± 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 : 4436201.2/15

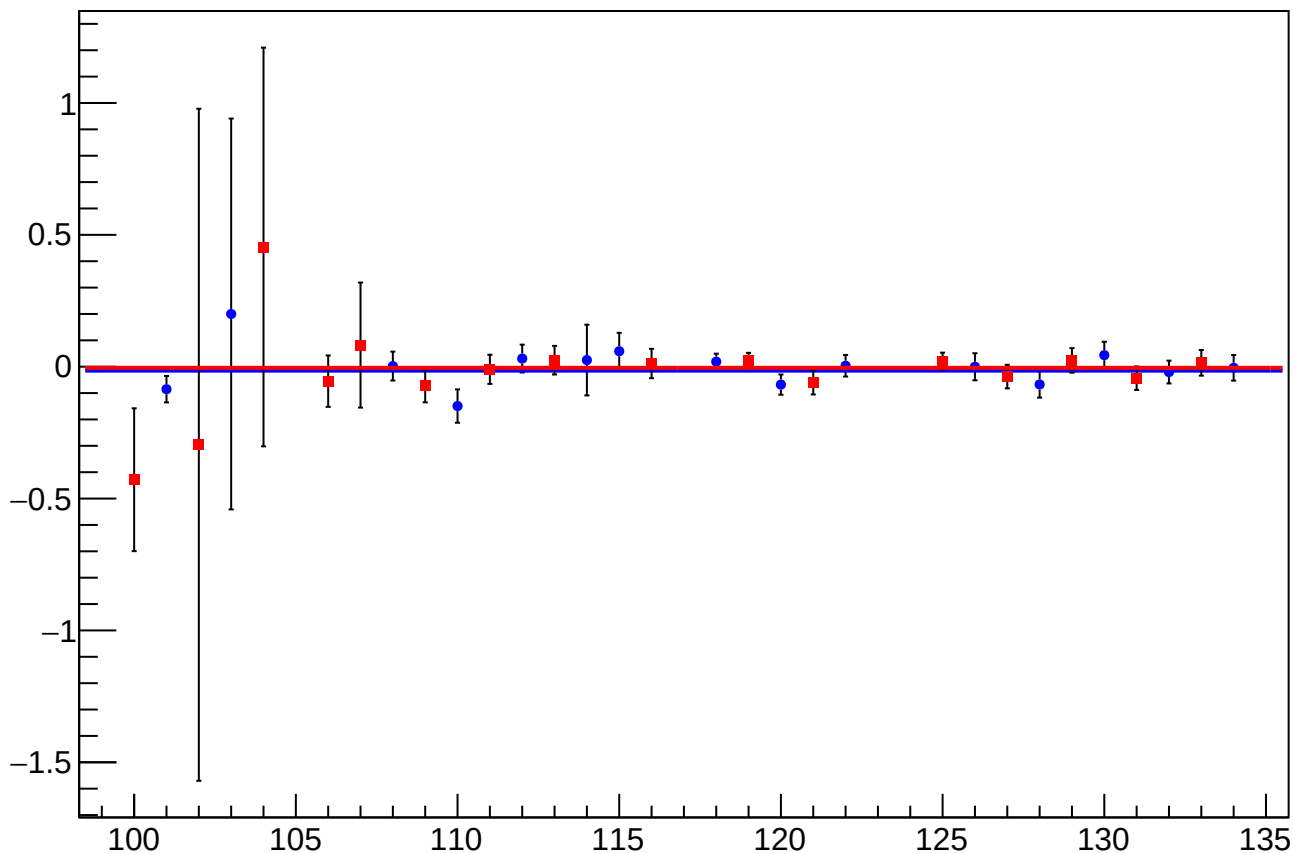
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 7631846.5/30

- 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 ± 0.013 χ^2/NDF : 9.7/15

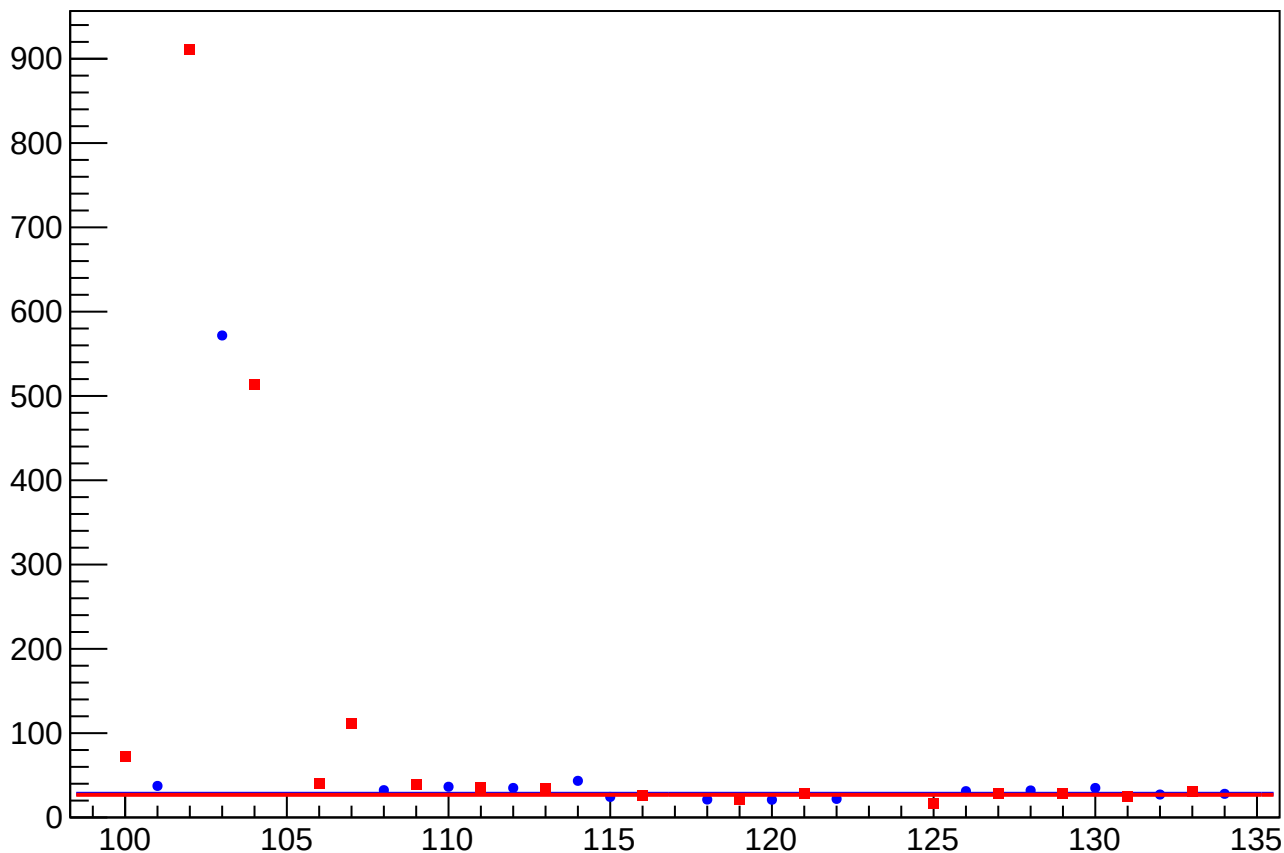
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.009 χ^2/NDF : 24.6/30

- 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: 26.875+/-0.009 χ^2/NDF : 2596359.3/15

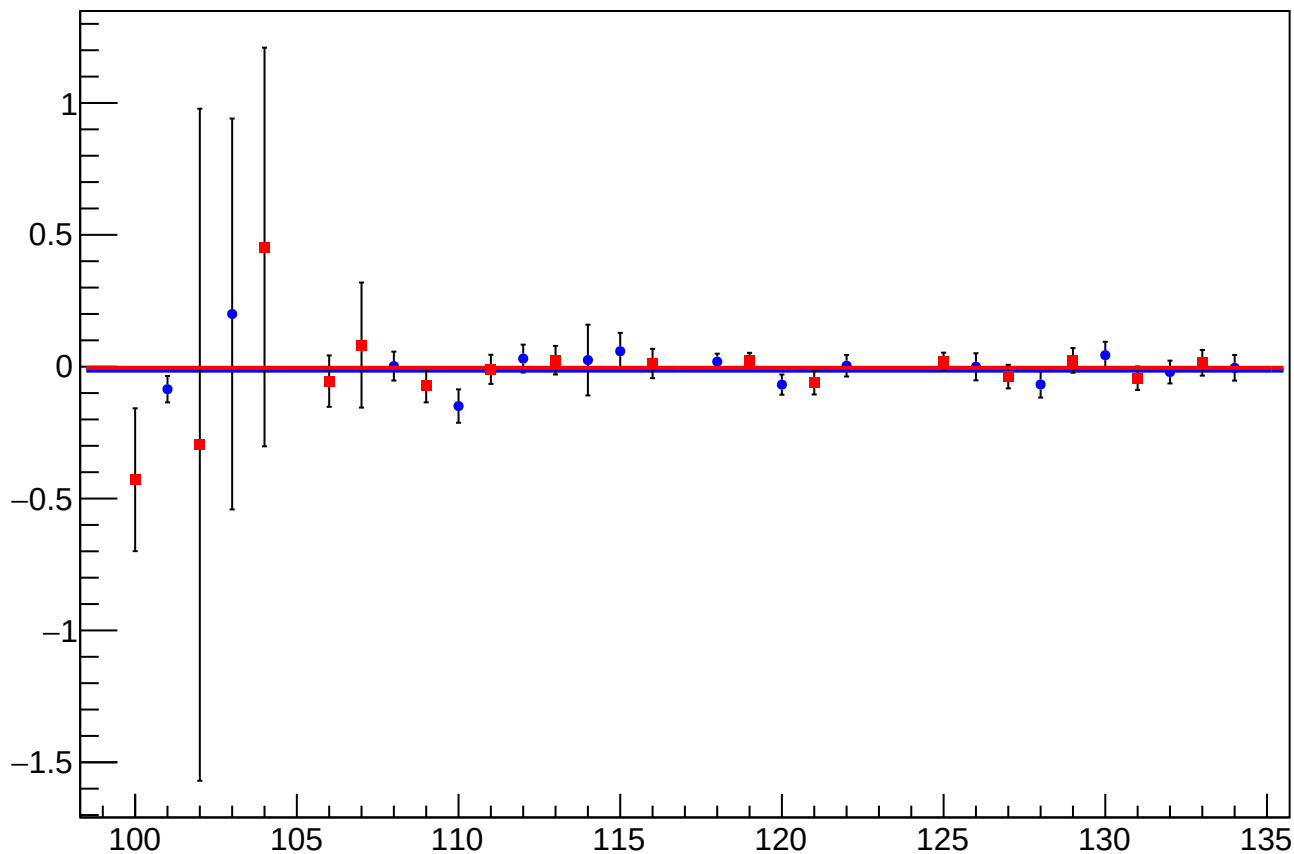
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.482+/-0.006 χ^2/NDF : 4135013.5/30

- 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 ± 0.013 χ^2/NDF : 9.7/15

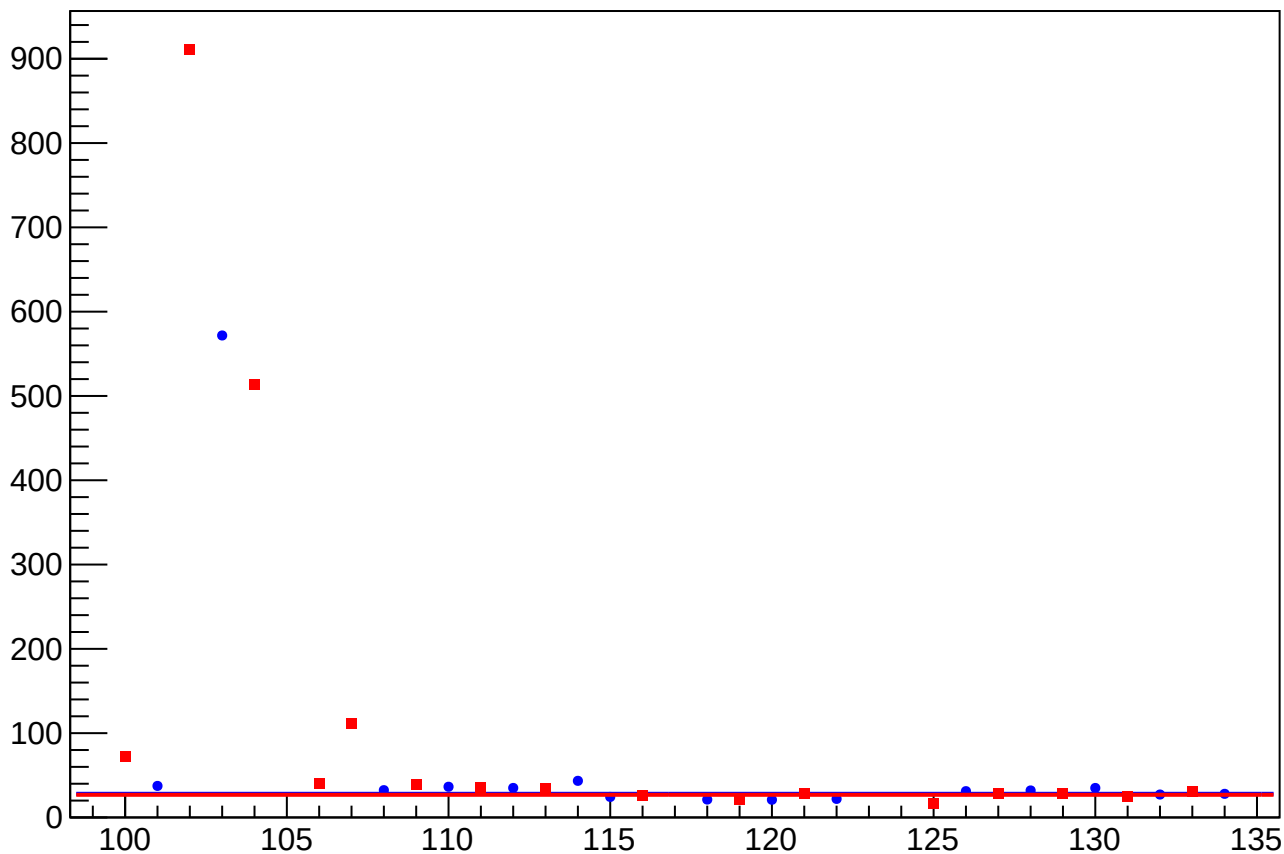
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.009 χ^2/NDF : 24.6/30

- 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: 26.875+/-0.009 χ^2/NDF : 2596359.3/15

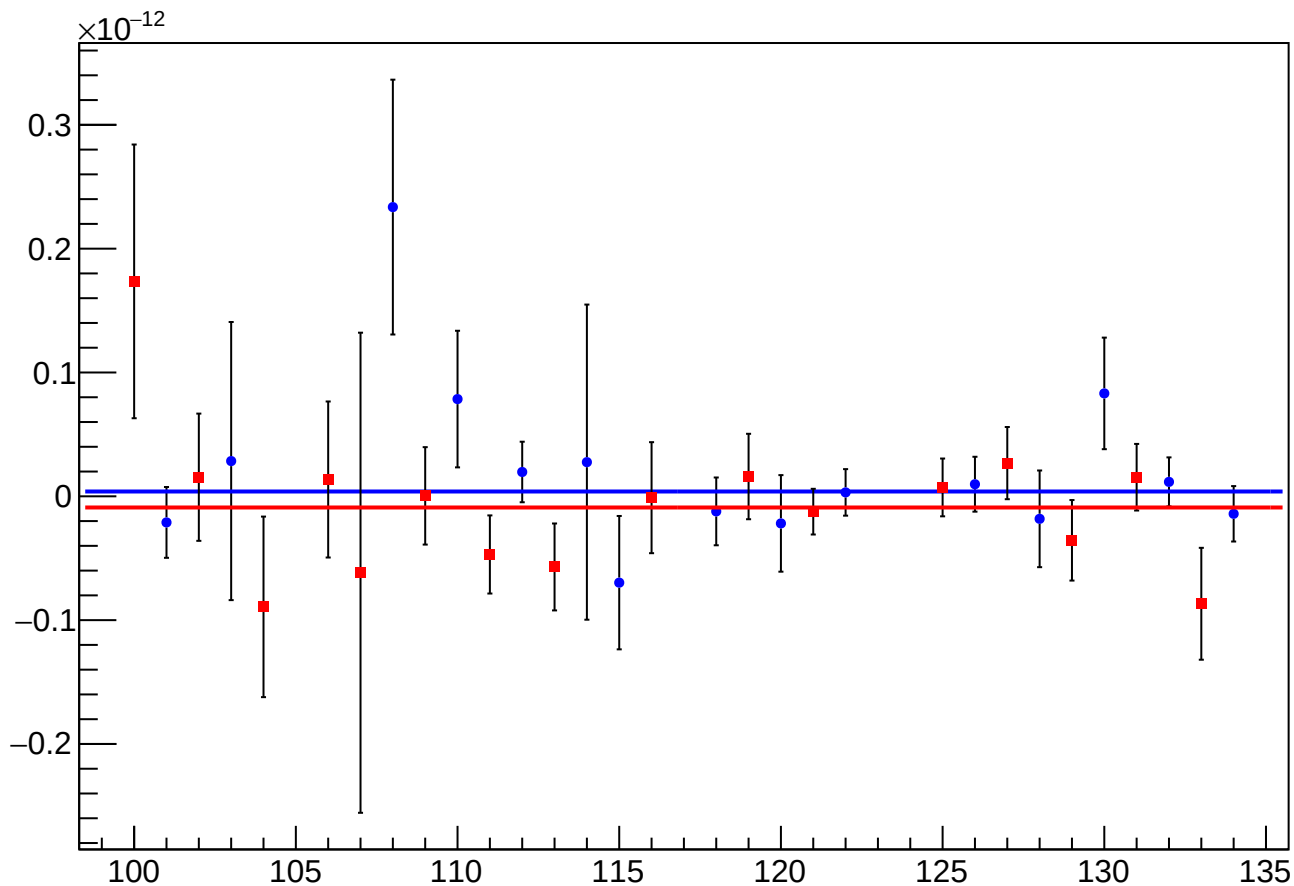
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.482+/-0.006 χ^2/NDF : 4135013.5/30

- 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: 14.8/15

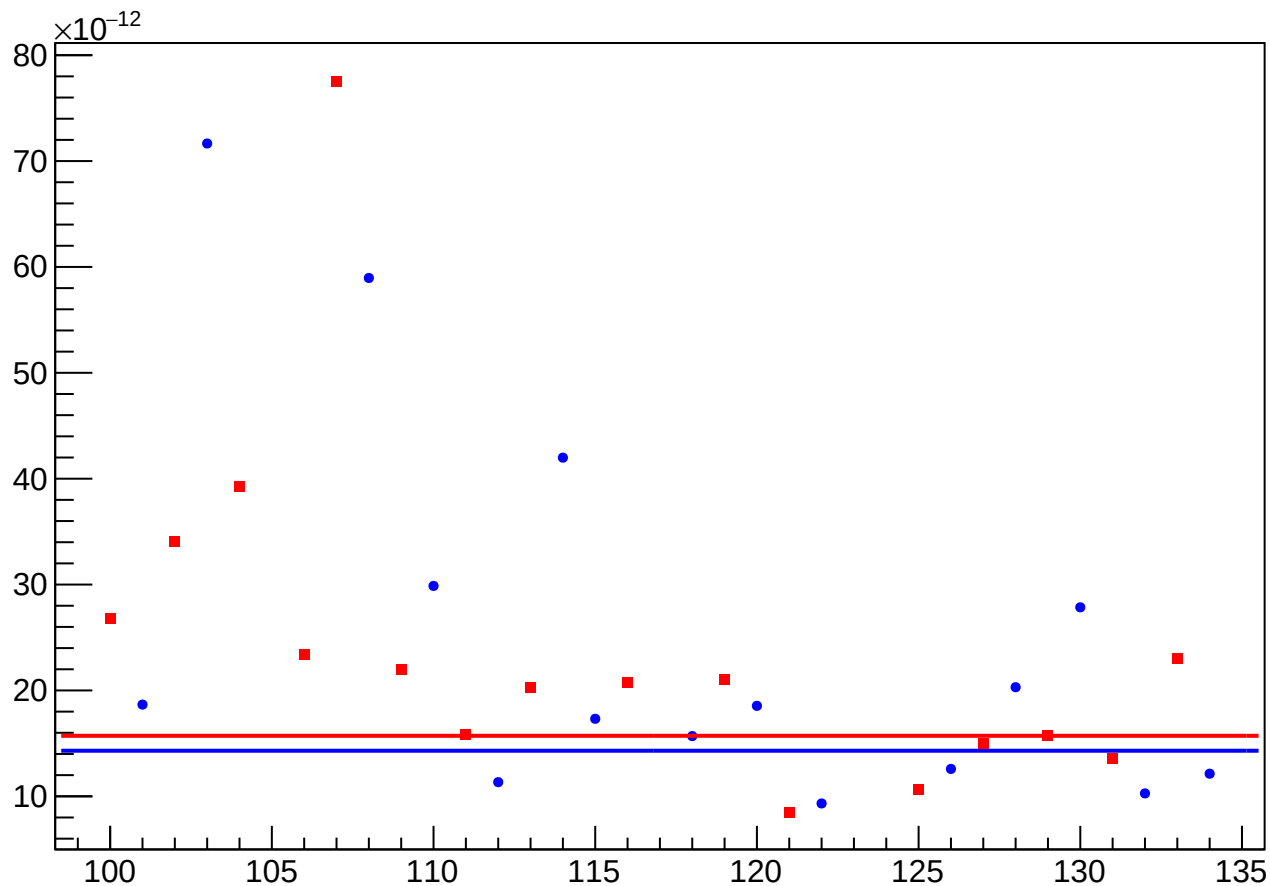
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 31.0/30

- 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 $\pm$ 0.000 χ^2 /NDF: 1745389.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1345280.9/15

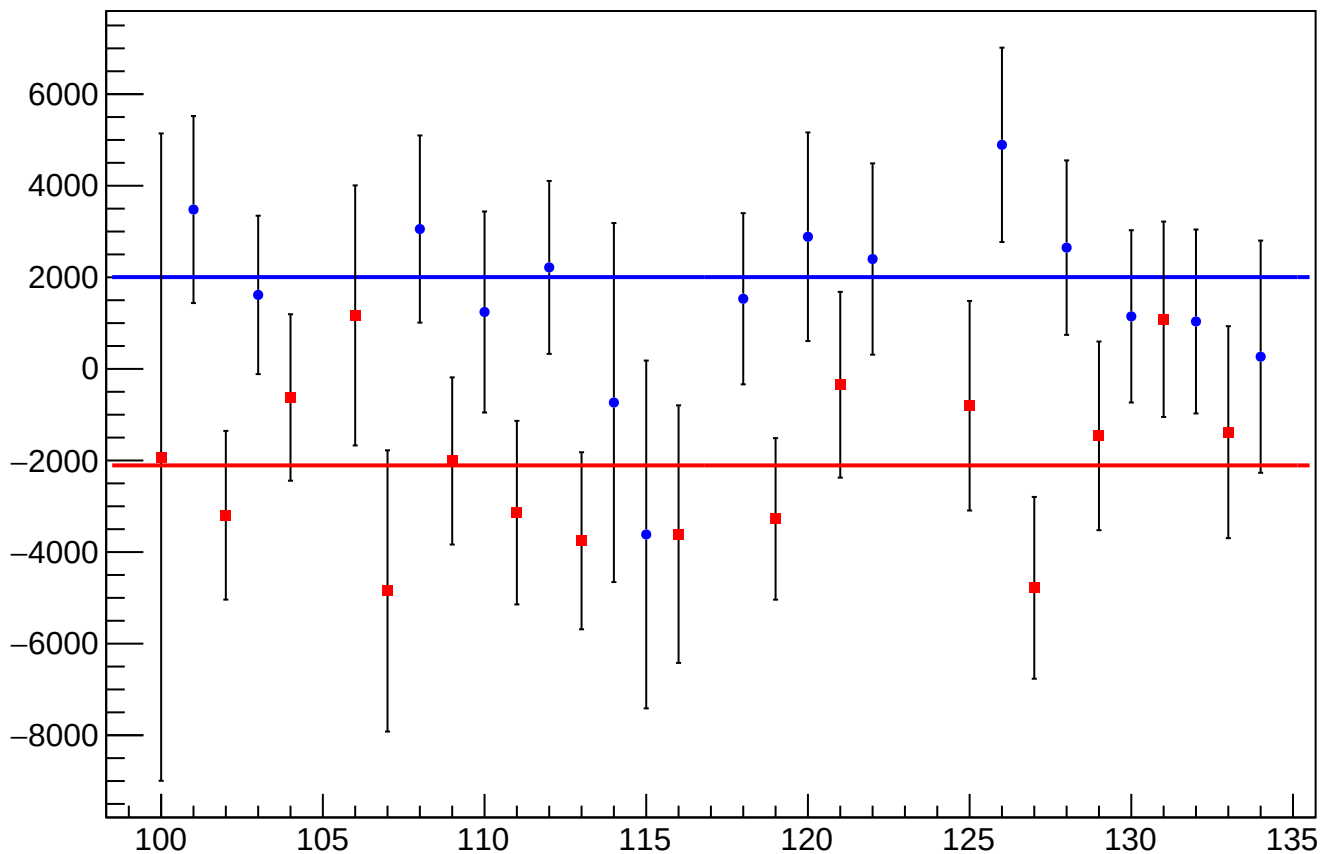
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3120083.0/30

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_avg_mean vs Slug



Right In: 2004.555+/-548.174 χ^2/NDF : 6.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2107.074+/-539.034 χ^2/NDF : 10.2/15

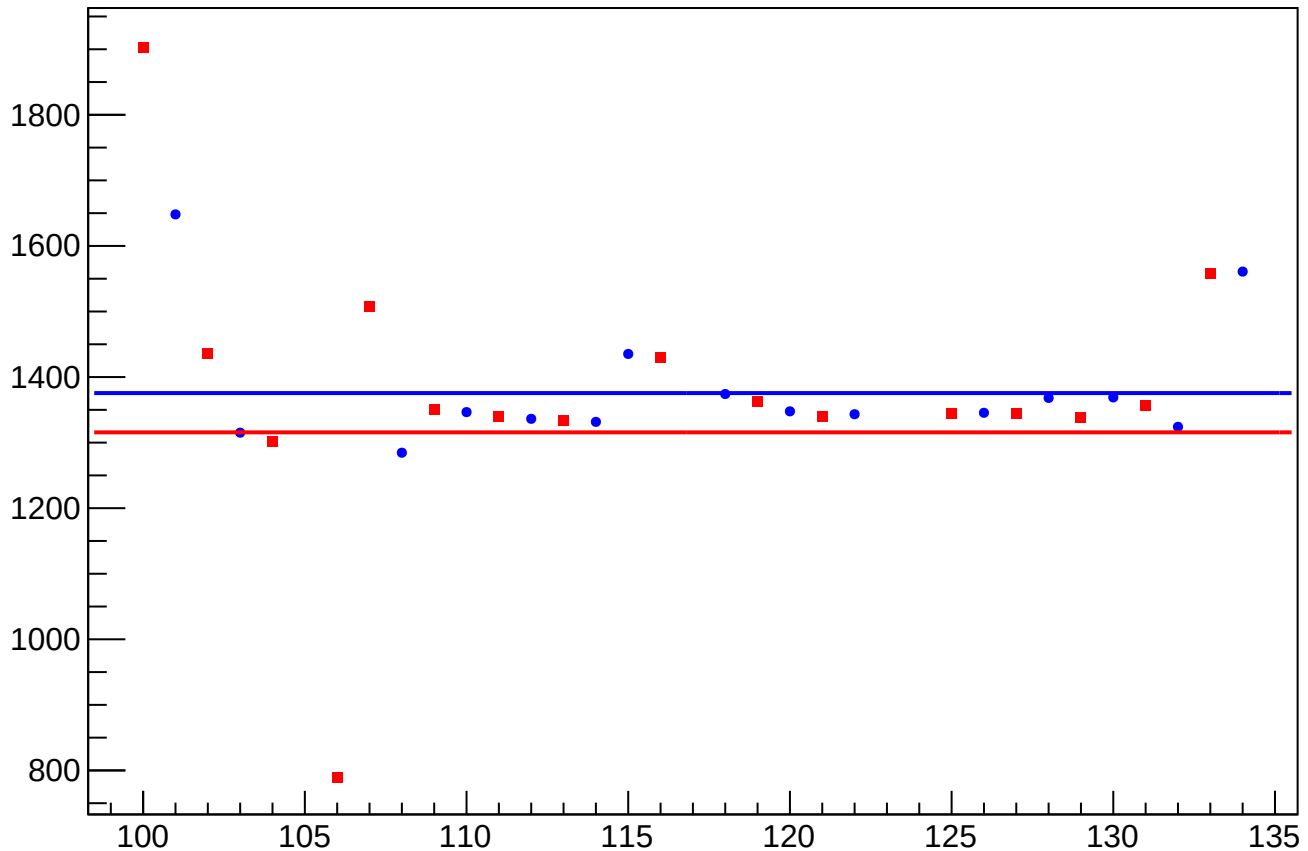
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -85.824+/-384.346 χ^2/NDF : 45.6/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_avg_rms vs Slug



Right In: 1375.560+/-0.388 χ^2/NDF : 57215.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

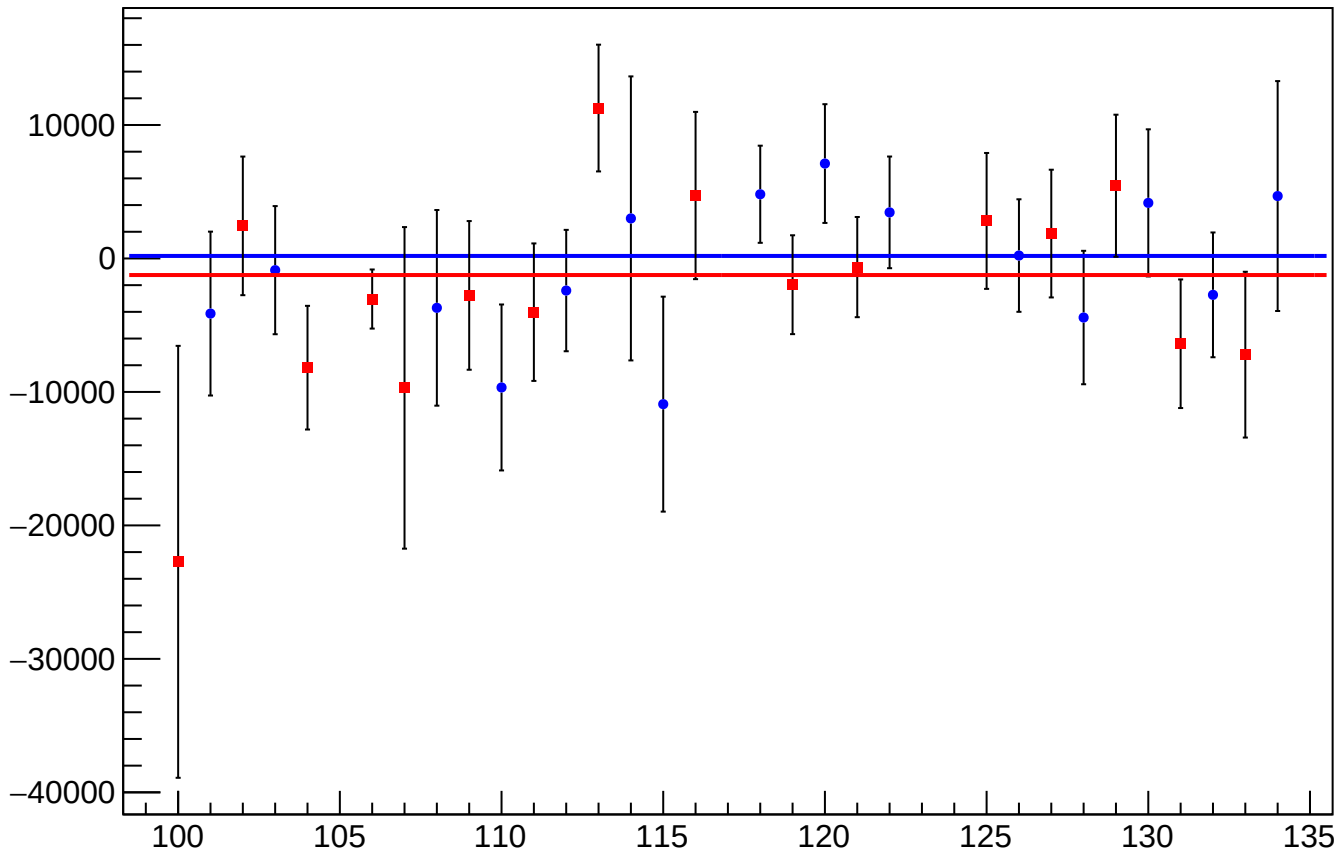
Right Out: 1315.668+/-0.368 χ^2/NDF : 263213.6/15

All: 1344.090+/-0.267 χ^2/NDF : 332973.7/30

- 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_reg_correction_mean vs Slug



Right In: 189.553+/-1337.917 χ^2/NDF : 12.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1241.594+/-1140.680 χ^2/NDF : 18.6/15

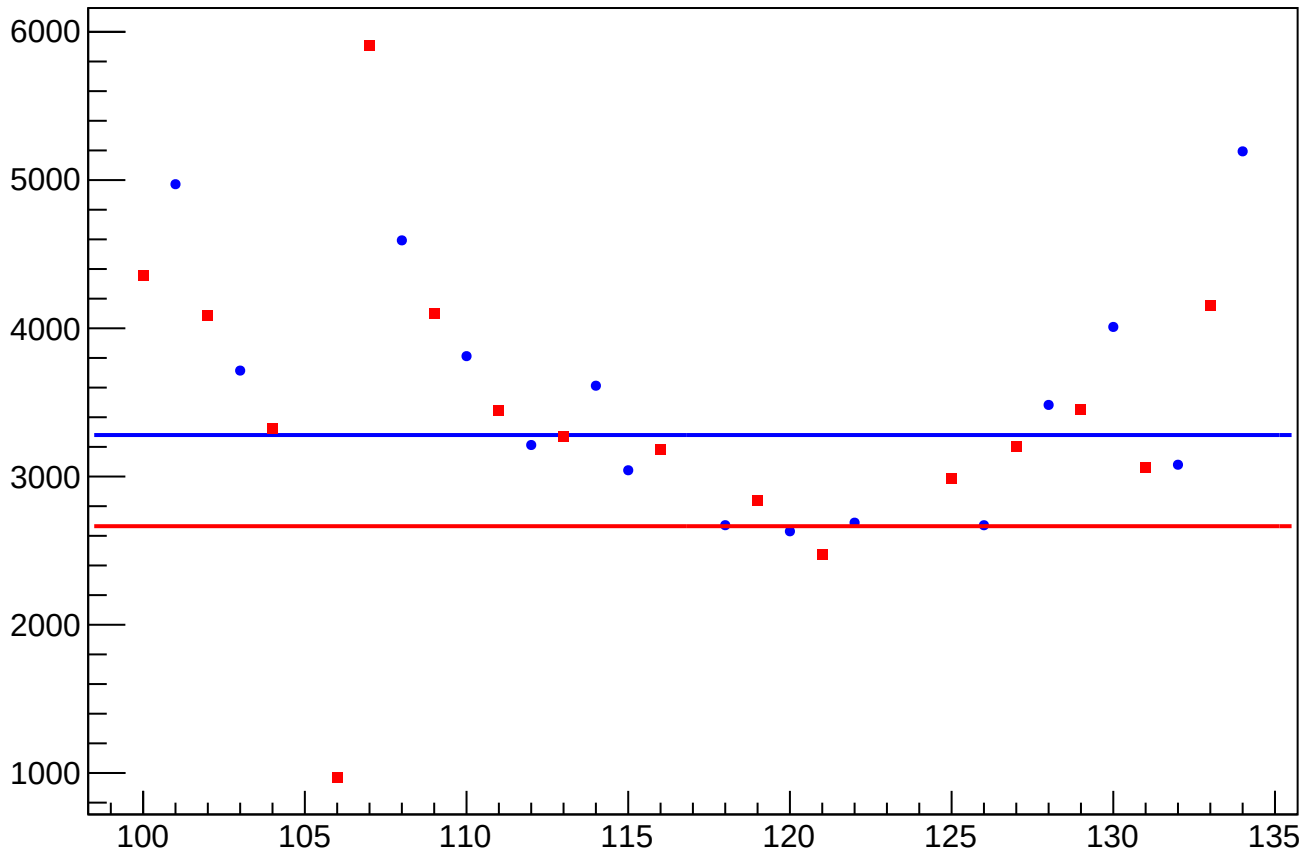
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -639.188+/-868.023 χ^2/NDF : 31.6/30

- sign 0.000+/-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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

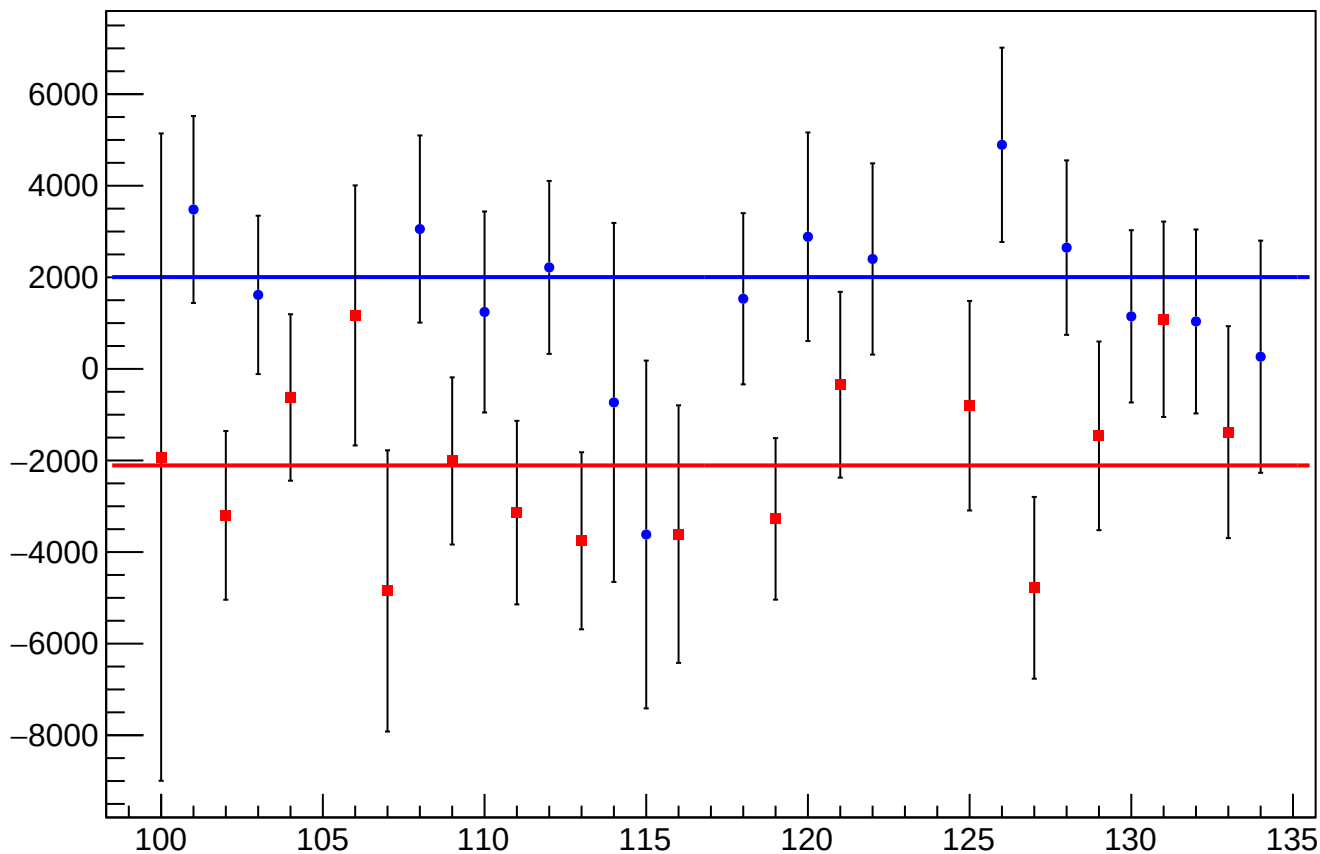
Right Out: 2665.007+/-0.807 χ^2/NDF : 1968813.7/15

All: 2923.862+/-0.614 χ^2/NDF : 2785690.4/30

- 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_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: -2107.220 $\pm$ 539.038 χ^2 /NDF: 10.2/15

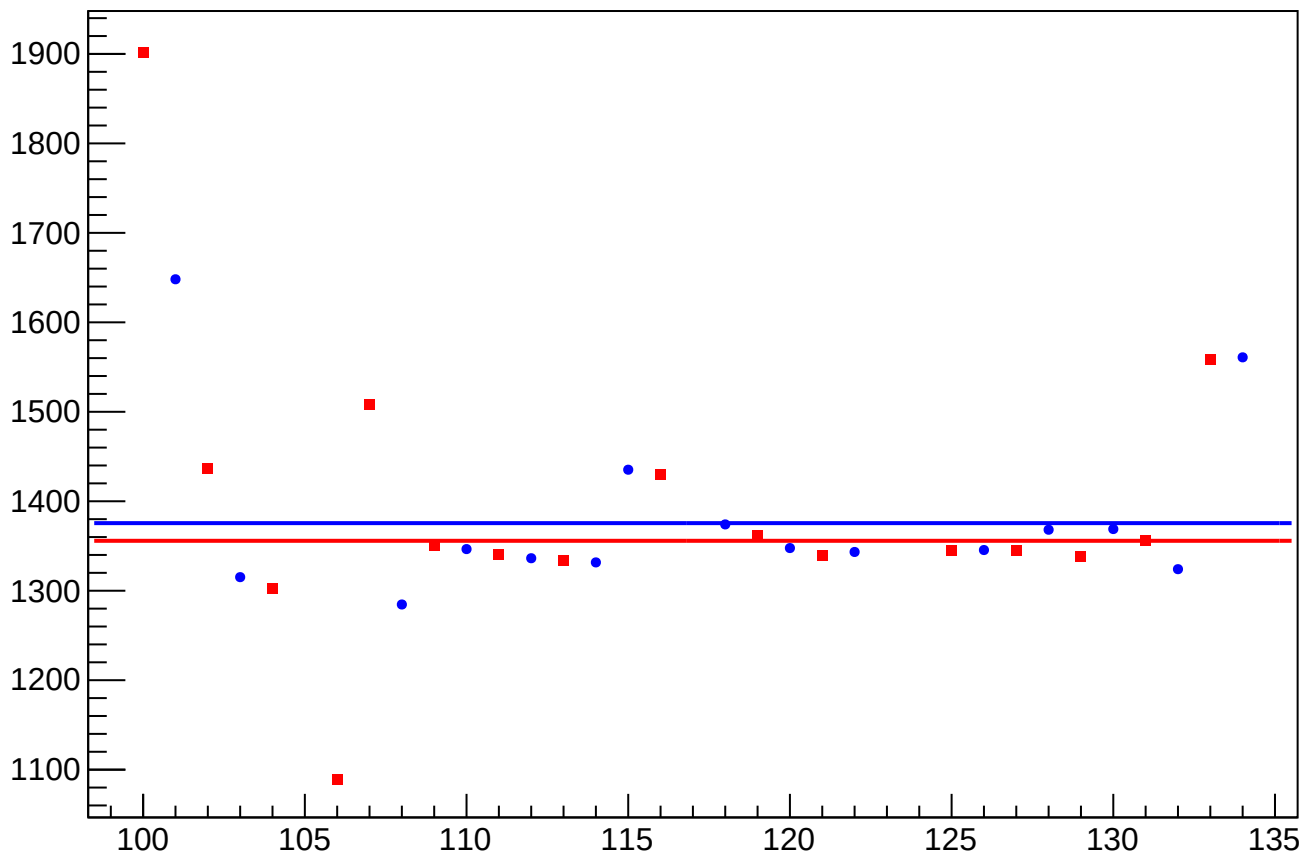
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -85.835 $\pm$ 384.347 χ^2 /NDF: 45.6/30

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usl_atl2_avg_rms vs Slug



Right In: 1375.560 ± 0.388 $\chi^2/\text{NDF}: 57215.2/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1355.809 ± 0.376 $\chi^2/\text{NDF}: 71911.7/15$

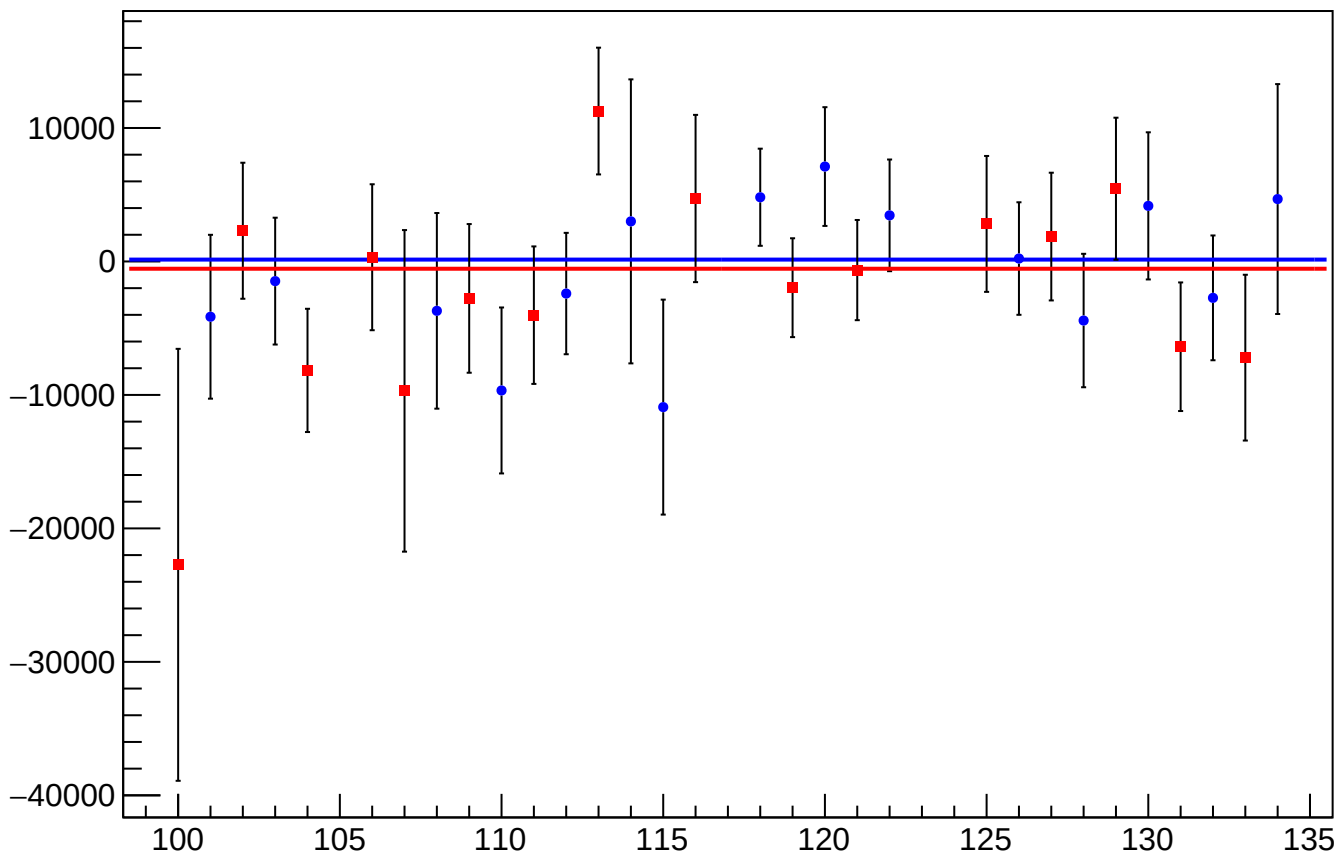
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1365.377 ± 0.270 $\chi^2/\text{NDF}: 130465.7/30$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_usl_atl2_avg_cor_correction_mean vs Slug



Right In: 140.152 $\pm$ 1336.832 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -545.498 $\pm$ 1291.244 χ^2 /NDF: 17.8/15

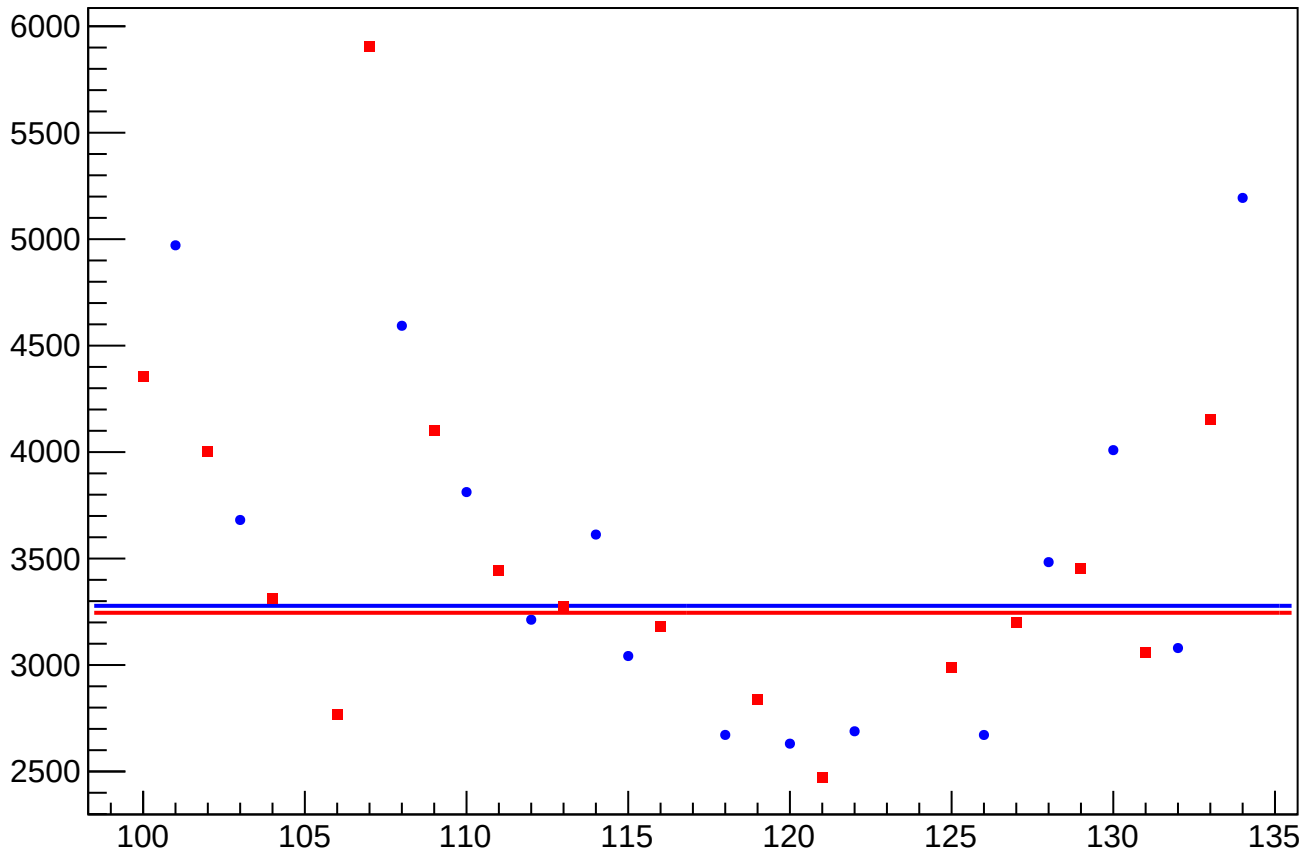
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -214.563 $\pm$ 928.746 χ^2 /NDF: 30.3/30

- sign 0.000 $\pm$ 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: 3245.288 $\pm$ 0.913 χ^2 /NDF: 379747.9/15

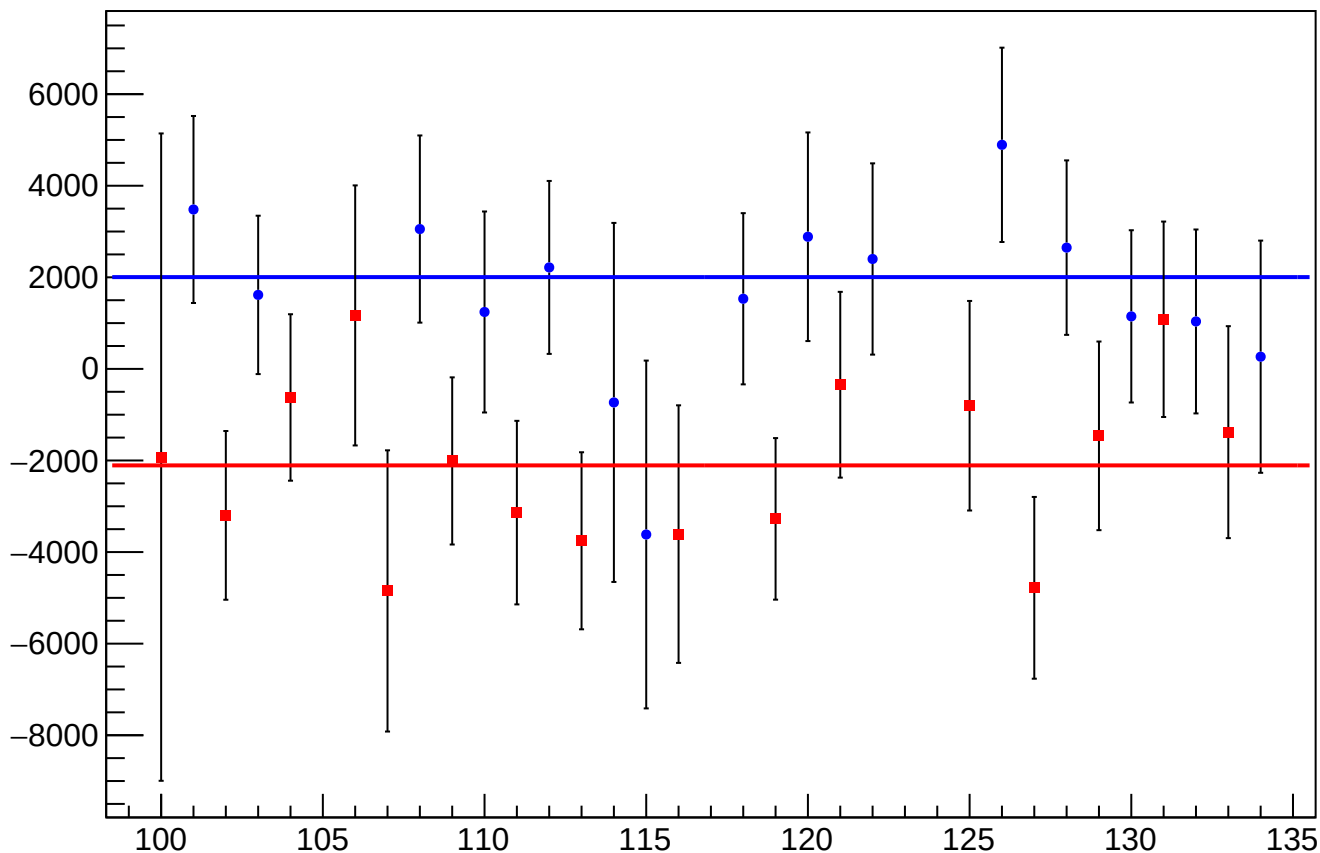
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3261.076 $\pm$ 0.657 χ^2 /NDF: 950287.4/30

- 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+/-548.174 χ^2/NDF : 6.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2107.220+/-539.038 χ^2/NDF : 10.2/15

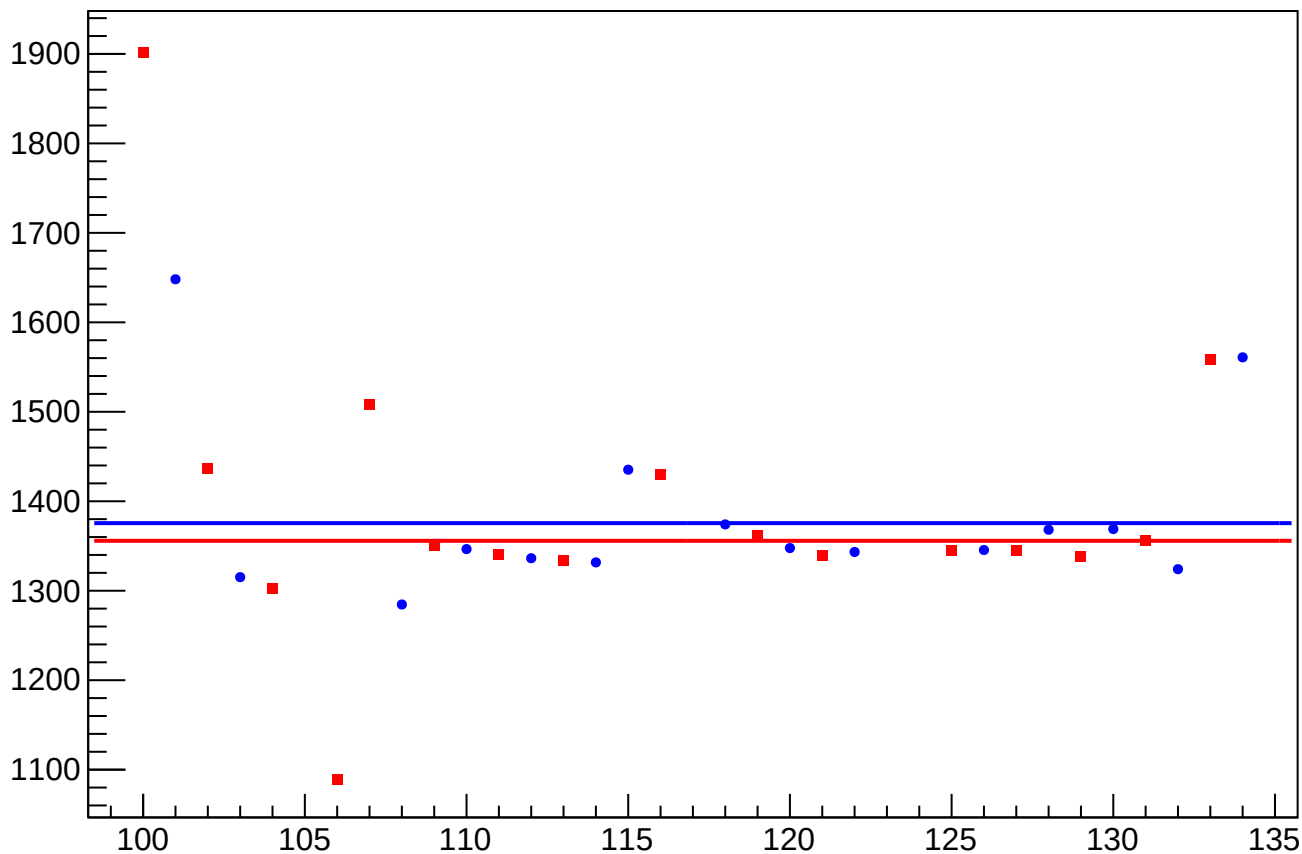
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -85.835+/-384.347 χ^2/NDF : 45.6/30

- sign 0.000+/-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

Right Out: 1355.809 $\pm$ 0.376 χ^2 /NDF: 71911.7/15

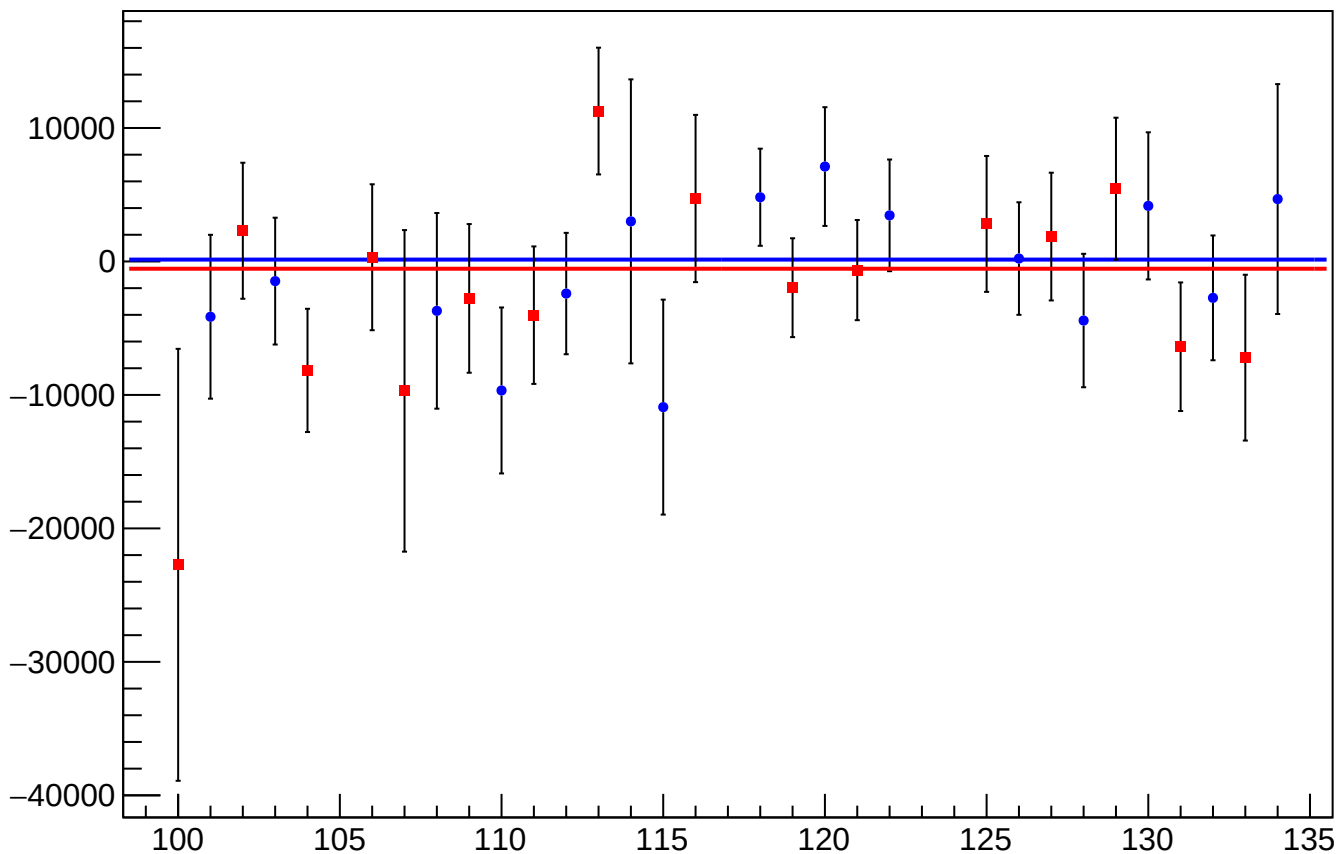
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1365.377 $\pm$ 0.270 χ^2 /NDF: 130465.7/30

- sign 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 $\pm$ 1336.832 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -545.498 $\pm$ 1291.244 χ^2 /NDF: 17.8/15

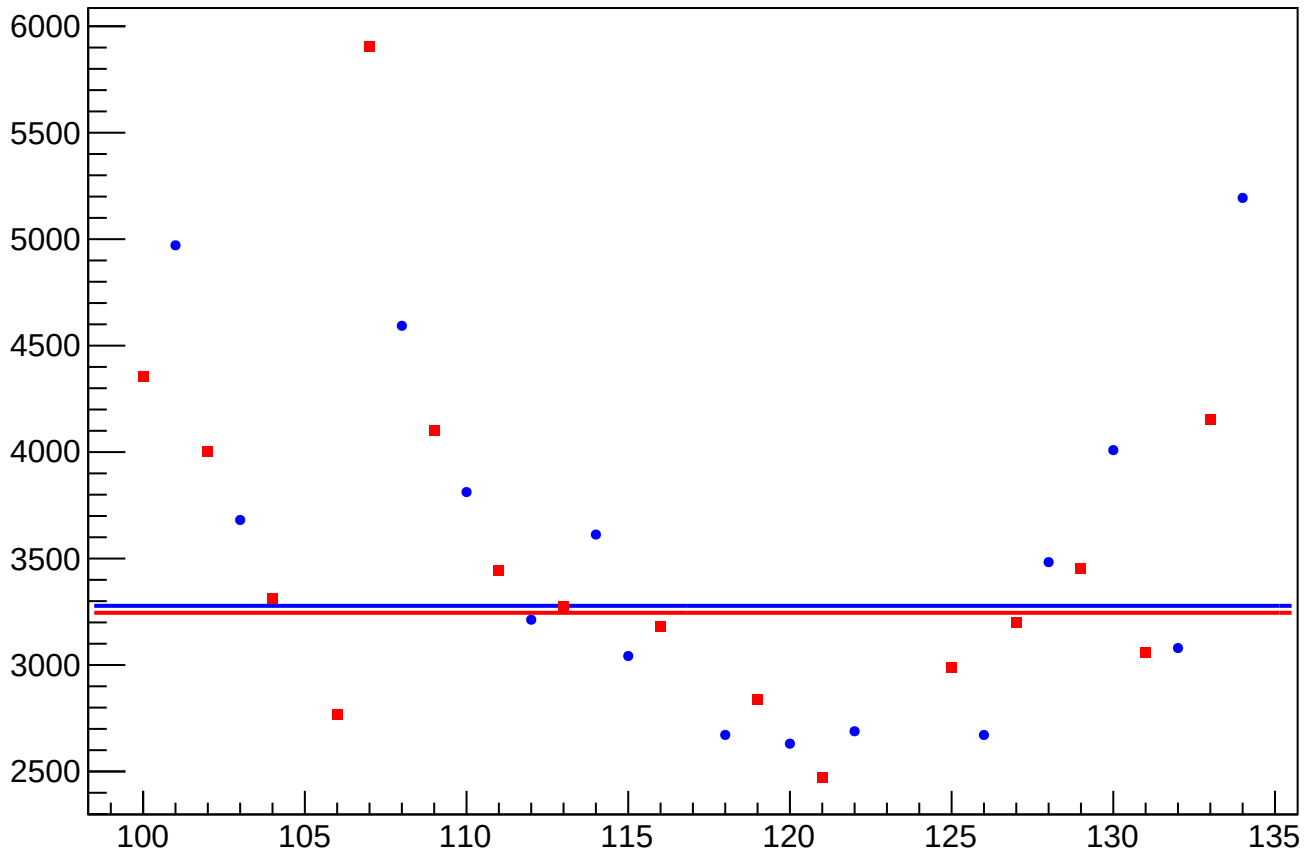
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -214.563 $\pm$ 928.746 χ^2 /NDF: 30.3/30

- sign 0.000 $\pm$ 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: 3245.288 $\pm$ 0.913 χ^2 /NDF: 379747.9/15

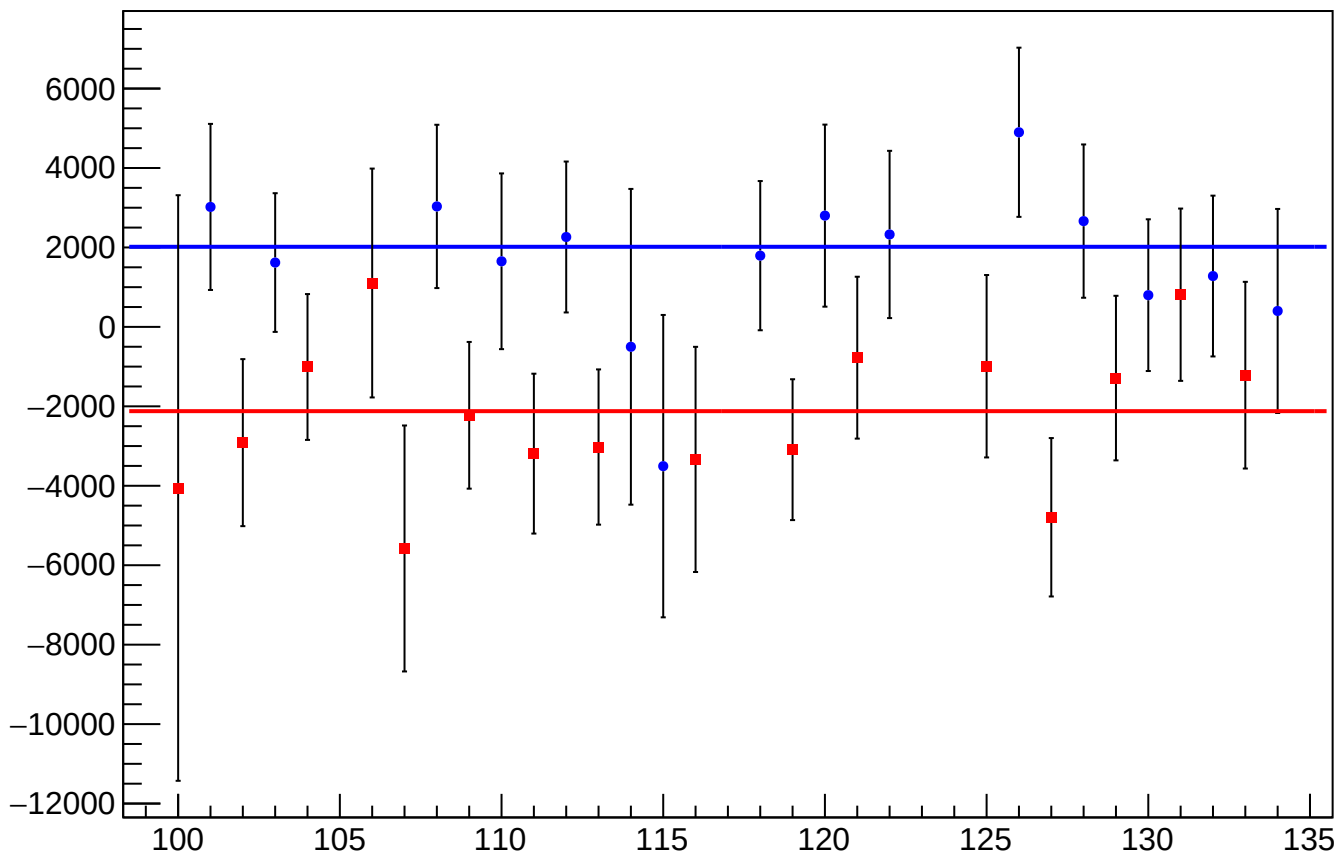
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3261.076 $\pm$ 0.657 χ^2 /NDF: 950287.4/30

- 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: -2121.344+/-548.869 χ^2/NDF : 8.7/15

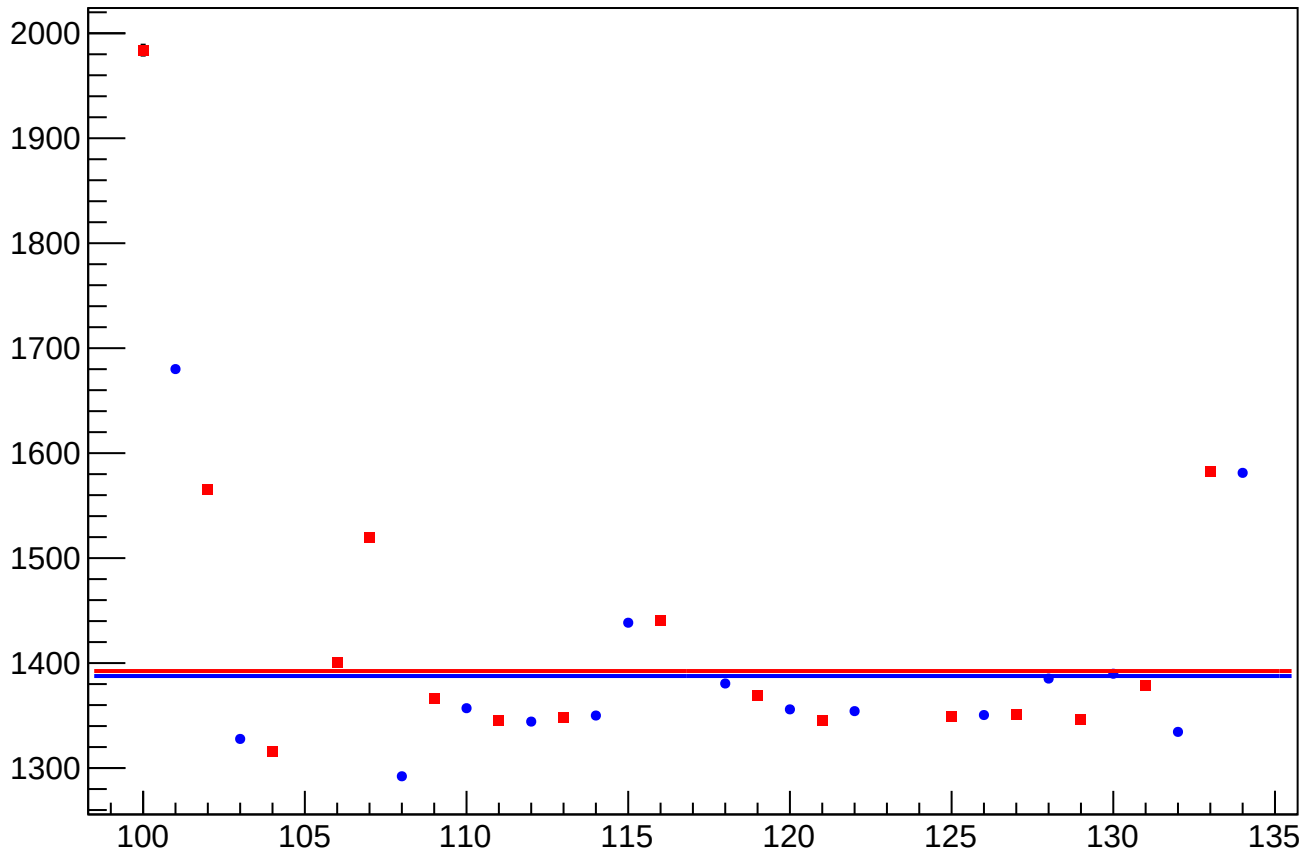
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.301+/-389.689 χ^2/NDF : 43.0/30

- 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: 1392.430 $\pm$ 0.387 χ^2 /NDF: 53481.4/15

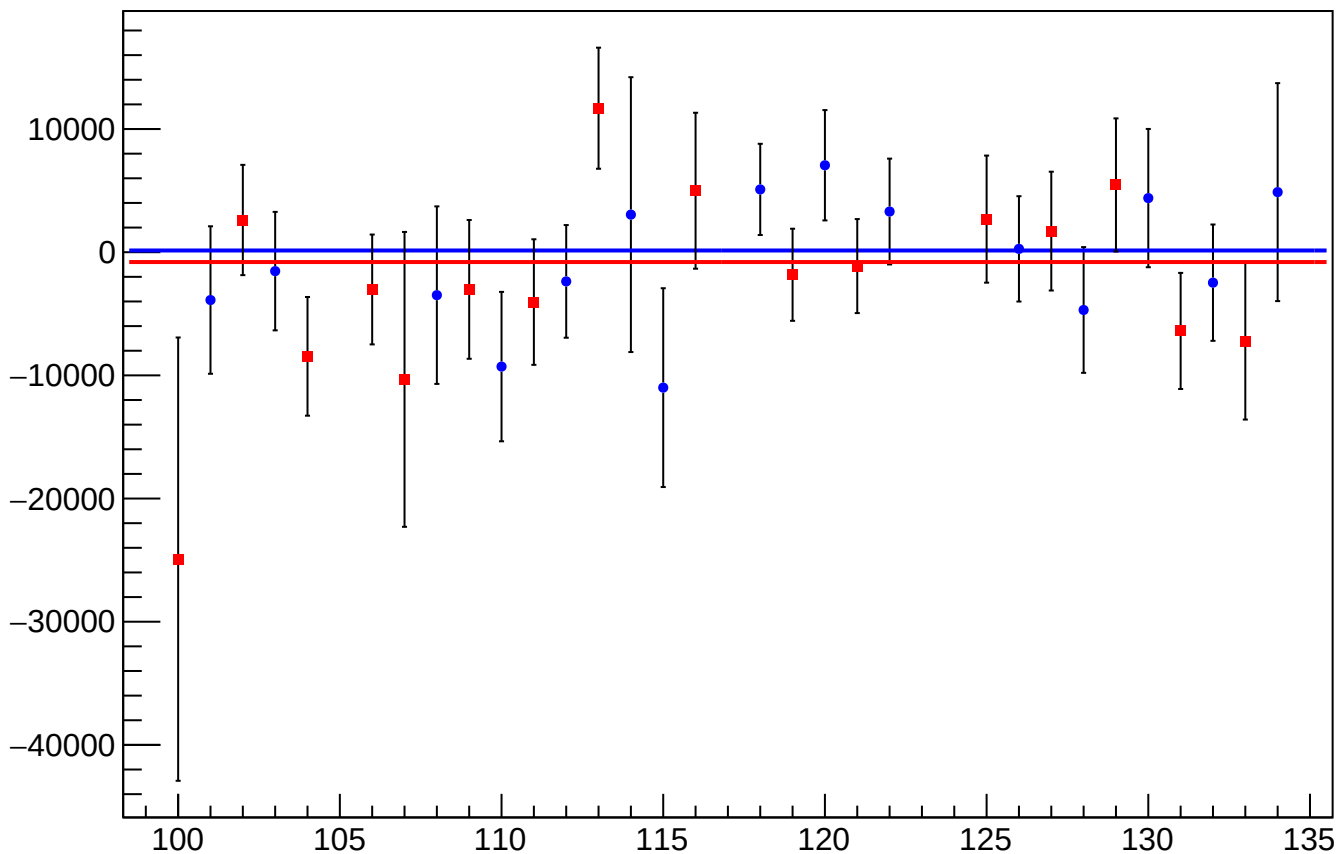
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1390.073 $\pm$ 0.275 χ^2 /NDF: 115598.6/30

- 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+/-1350.662 χ^2/NDF : 12.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -799.172+/-1275.738 χ^2/NDF : 18.2/15

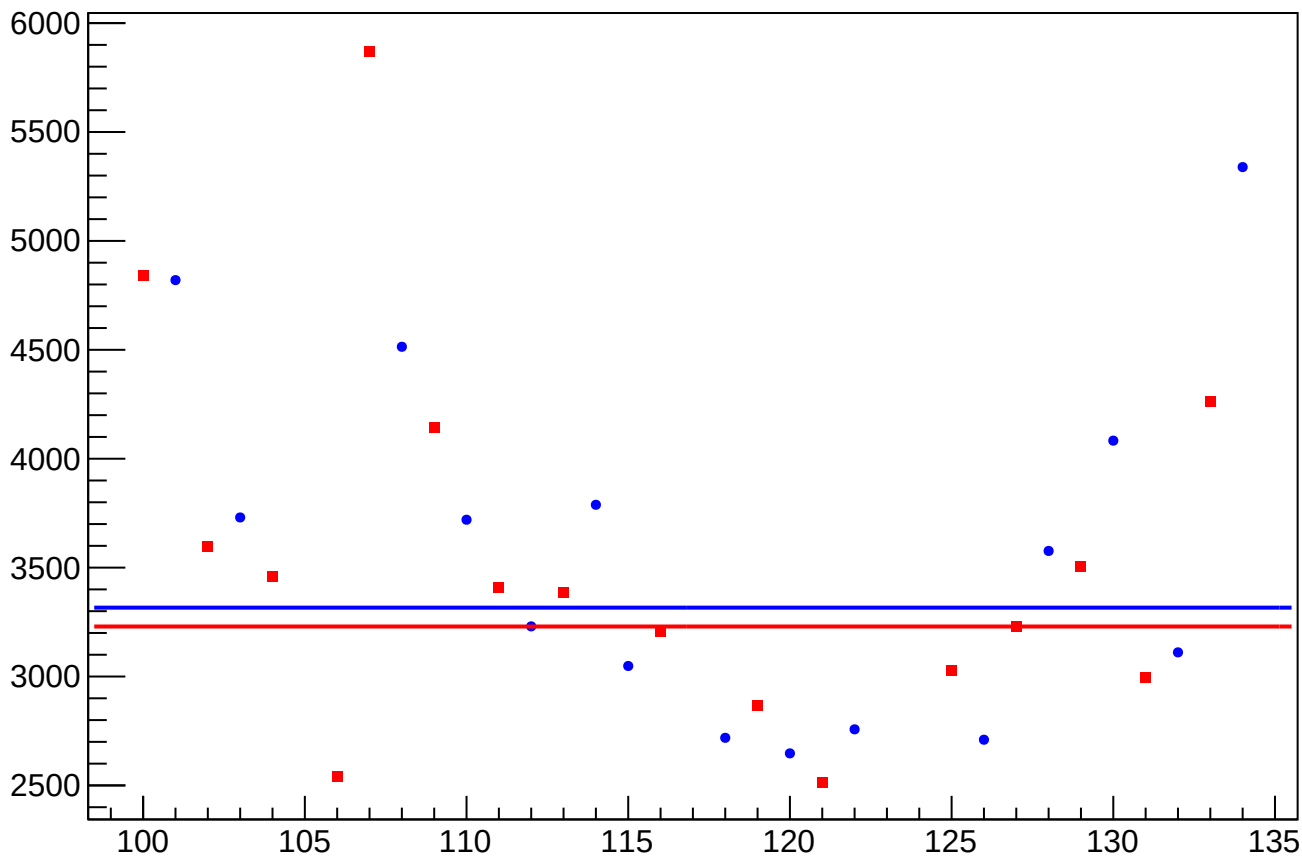
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -356.747+/-927.440 χ^2/NDF : 30.8/30

- sign 0.000+/-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: 3229.637+/-0.902 χ^2/NDF : 391800.3/15

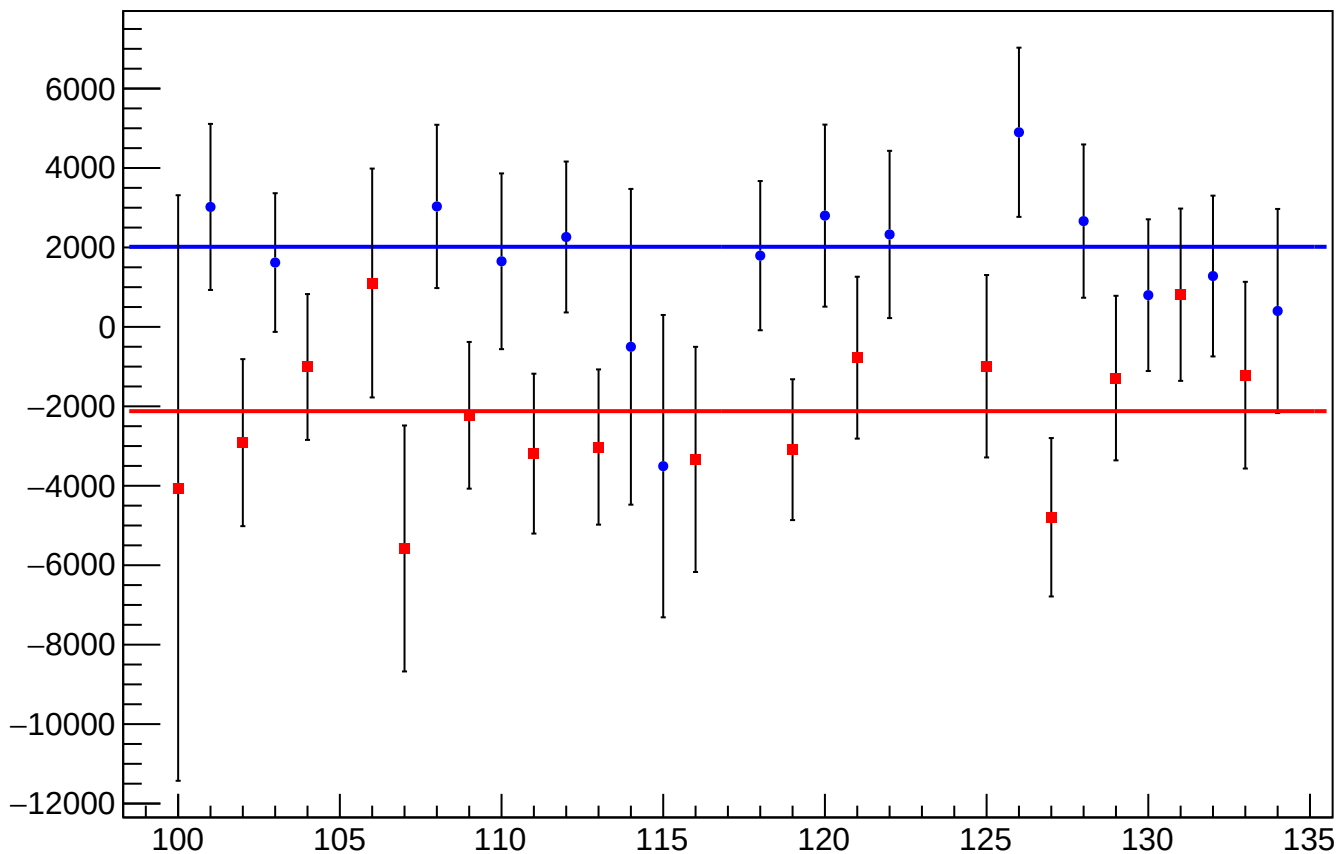
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3270.484+/-0.656 χ^2/NDF : 929358.4/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl2_avg_mean vs Slug



Right In: 2016.507+/-553.366 χ^2/NDF : 6.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2121.346+/-548.869 χ^2/NDF : 8.7/15

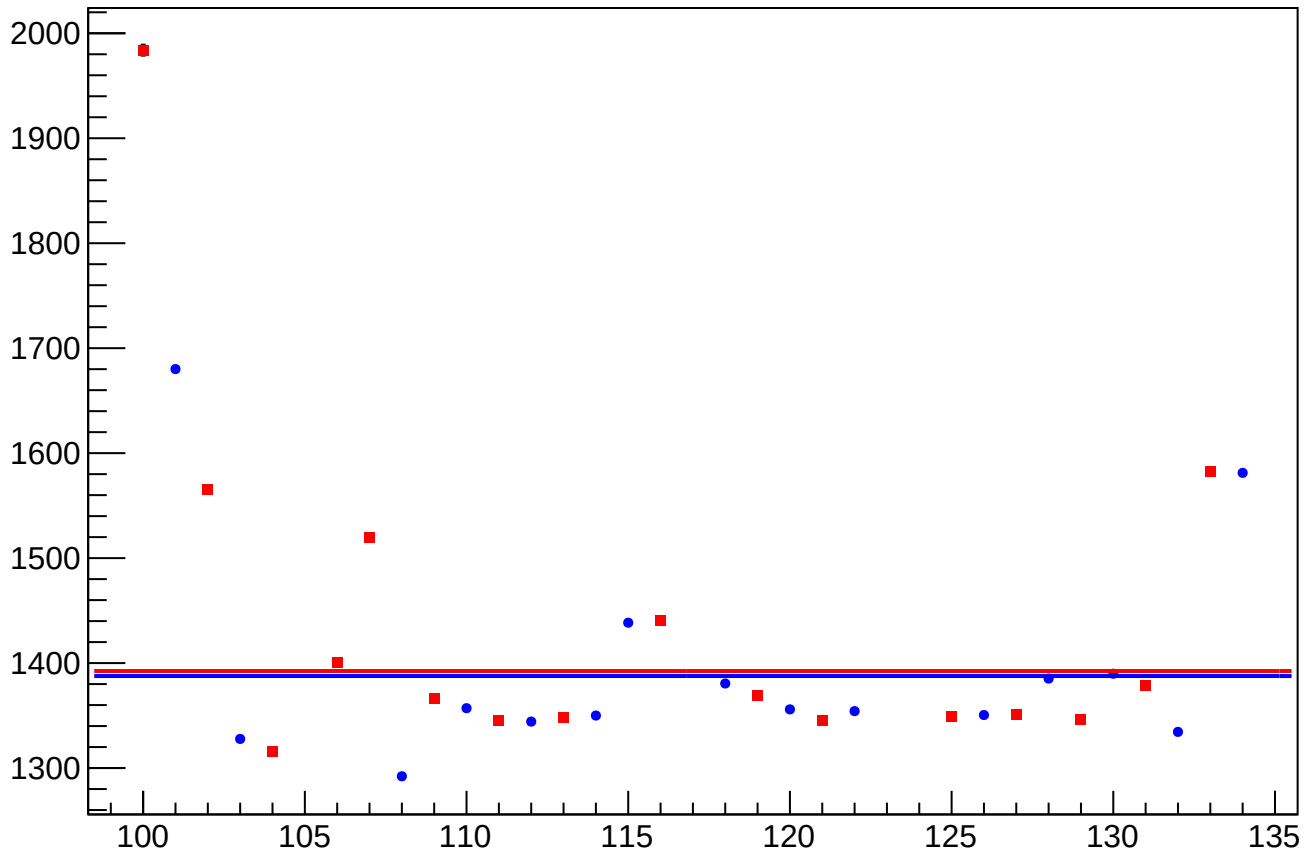
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.299+/-389.689 χ^2/NDF : 43.0/30

- sign 0.000+/-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: 1392.430+/-0.387 χ^2/NDF : 53481.4/15

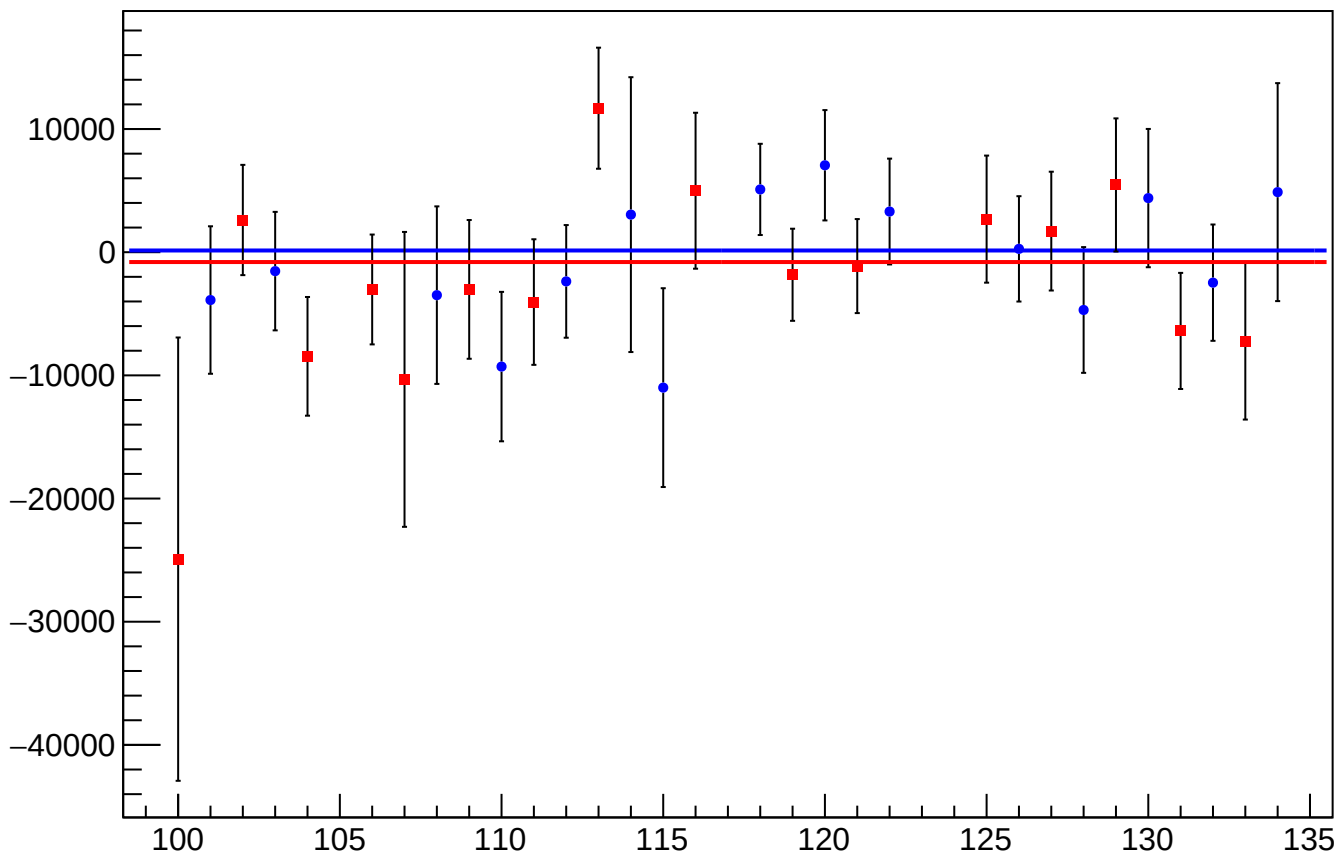
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1390.073+/-0.275 χ^2/NDF : 115598.4/30

- 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: -799.175+/-1275.734 χ^2/NDF : 18.2/15

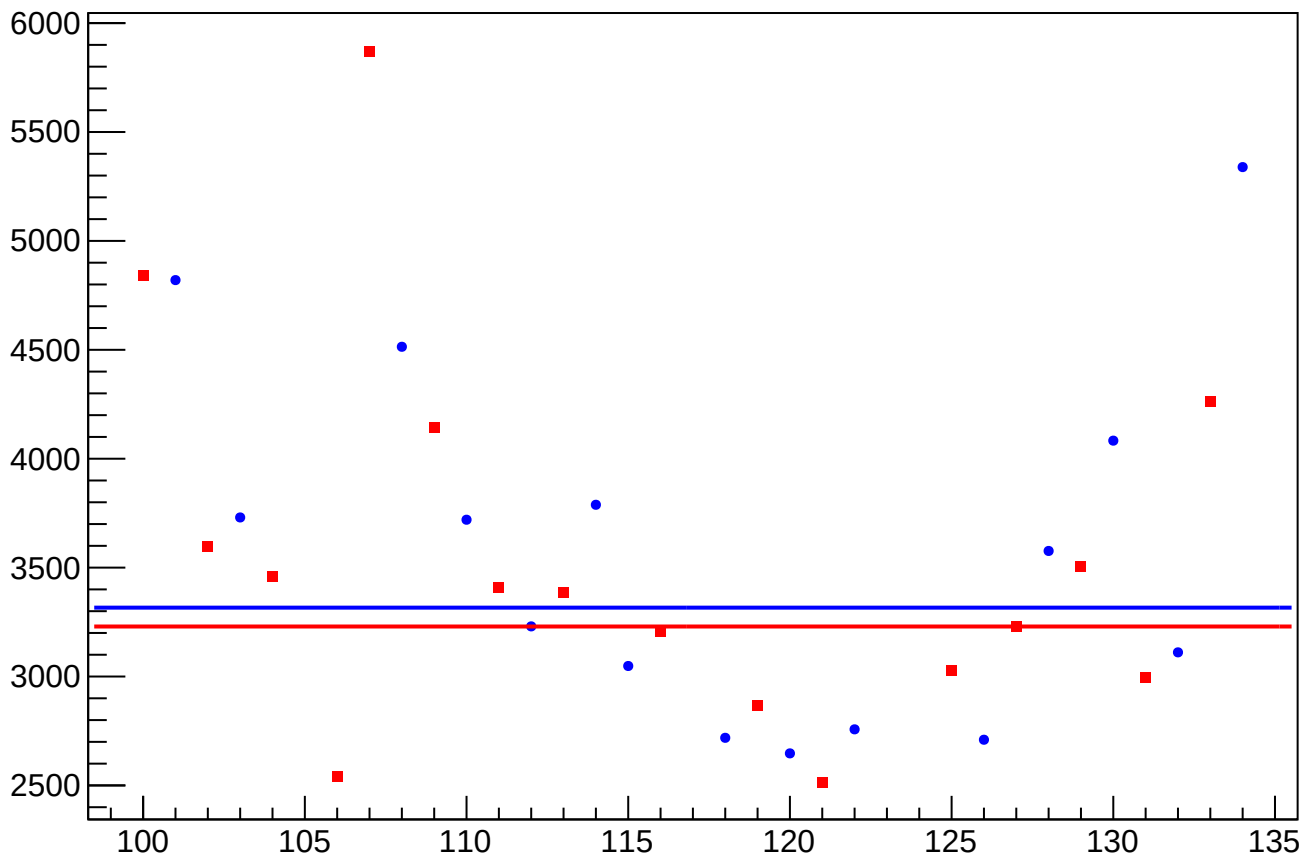
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -356.746+/-927.437 χ^2/NDF : 30.8/30

- 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

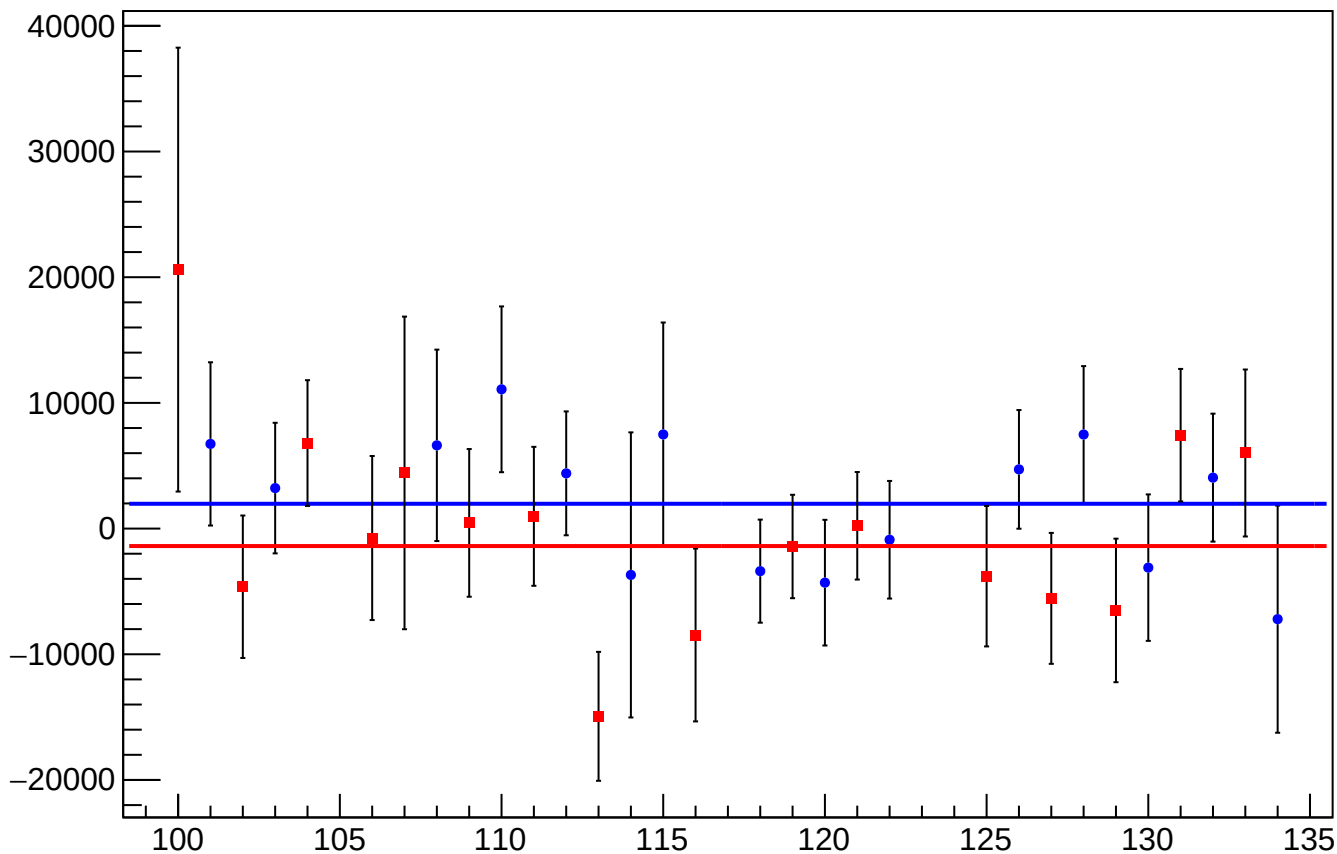
Right Out: 3229.627+/-0.902 χ^2/NDF : 391801.1/15

All: 3270.474+/-0.656 χ^2/NDF : 929363.7/30

- 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

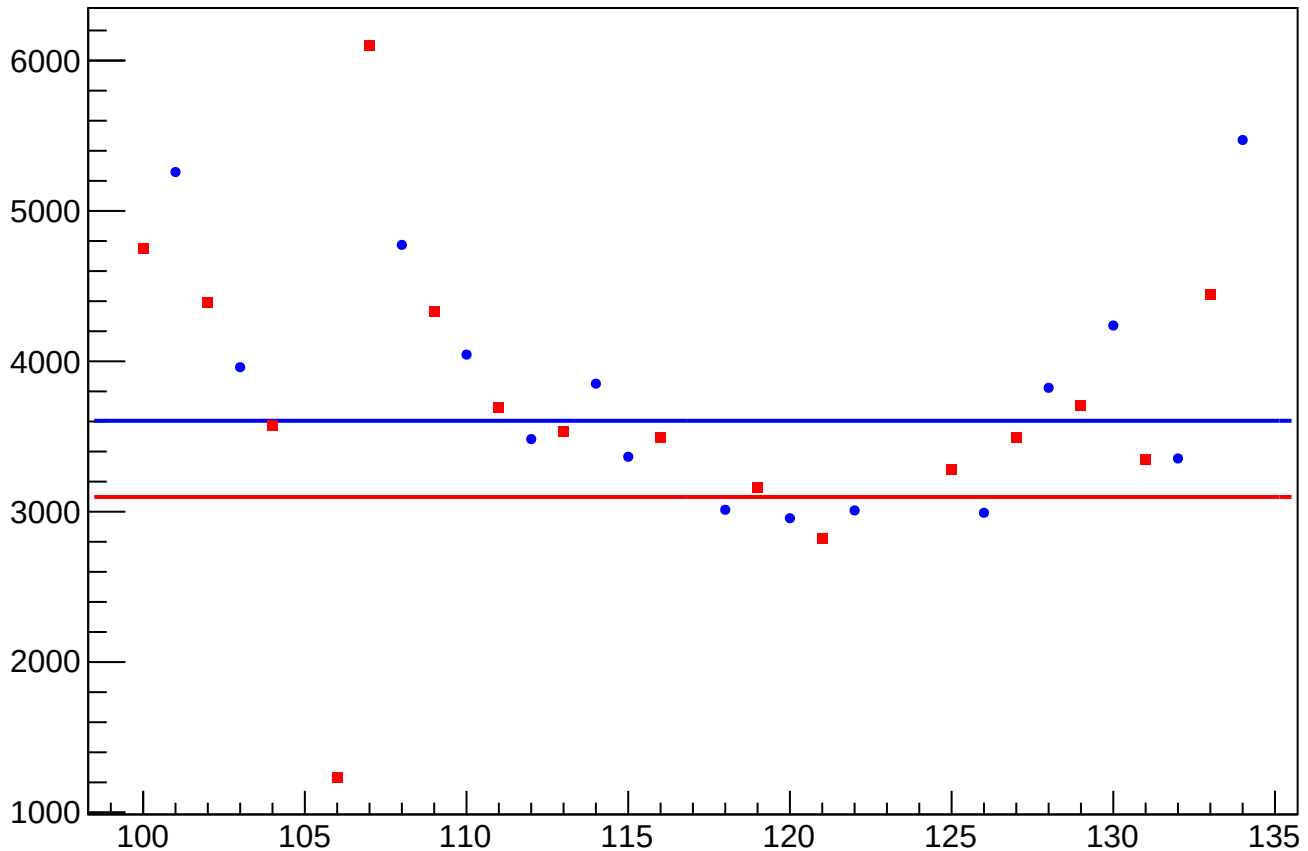
Right Out: -1389.931 $\pm$ 1418.443 χ^2 /NDF: 18.9/15

All: 238.990 $\pm$ 1018.692 χ^2 /NDF: 32.4/30

- 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+/-1.035 χ^2/NDF : 457208.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

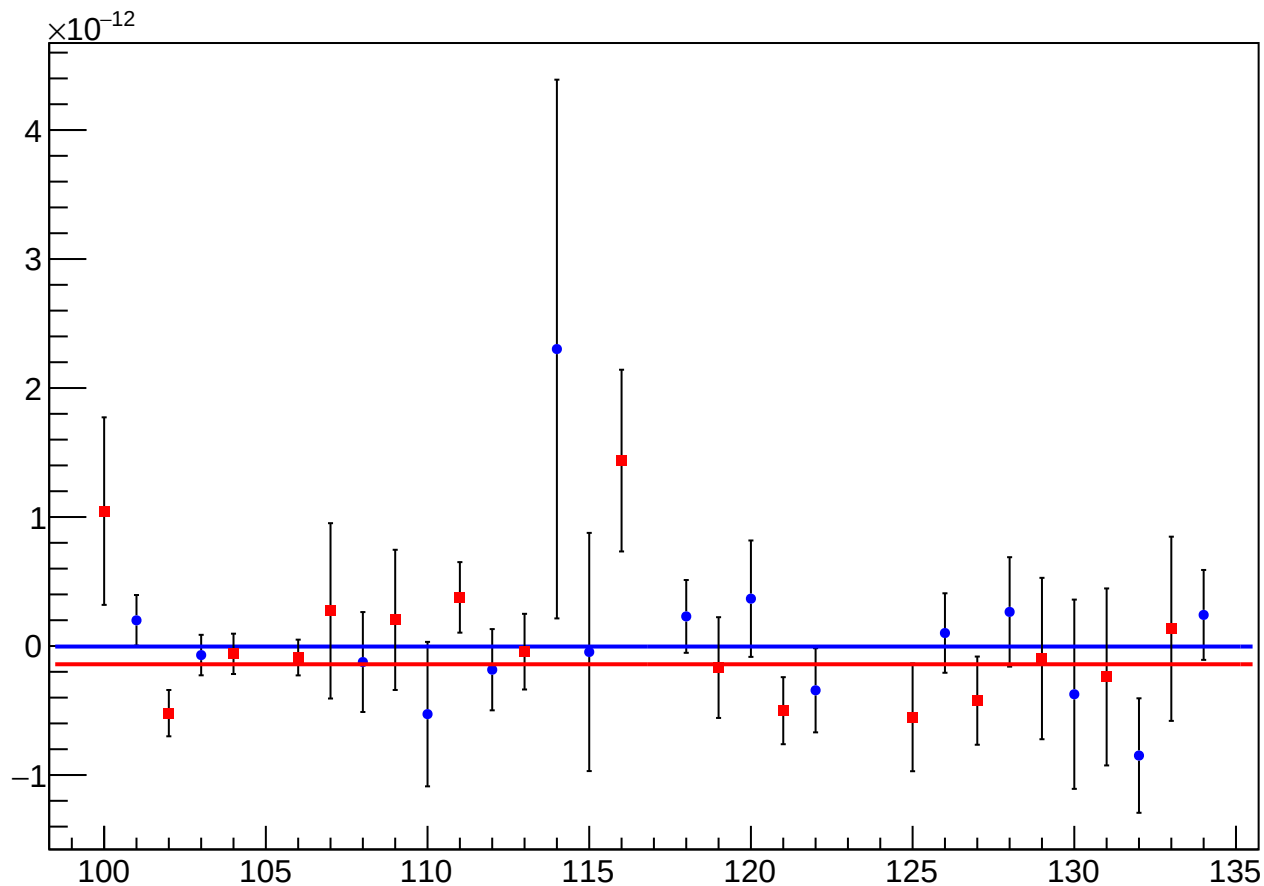
Right Out: 3098.028+/-0.915 χ^2/NDF : 1382479.7/15

All: 3320.201+/-0.685 χ^2/NDF : 1974196.0/30

- 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_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 : 20.8/15

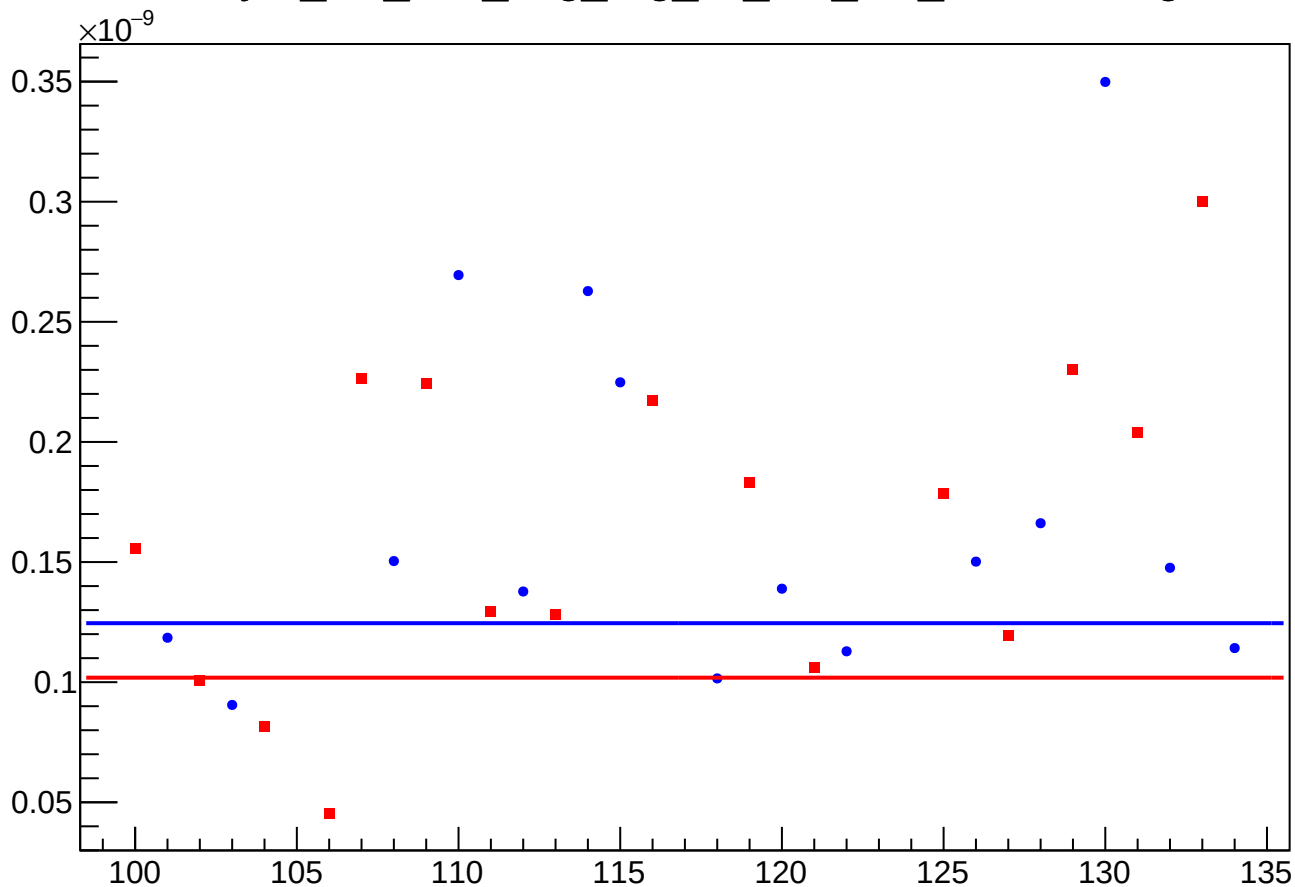
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 33.5/30

- 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 $\pm$ 0.000 χ^2/NDF : 521548.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 1079103.5/15

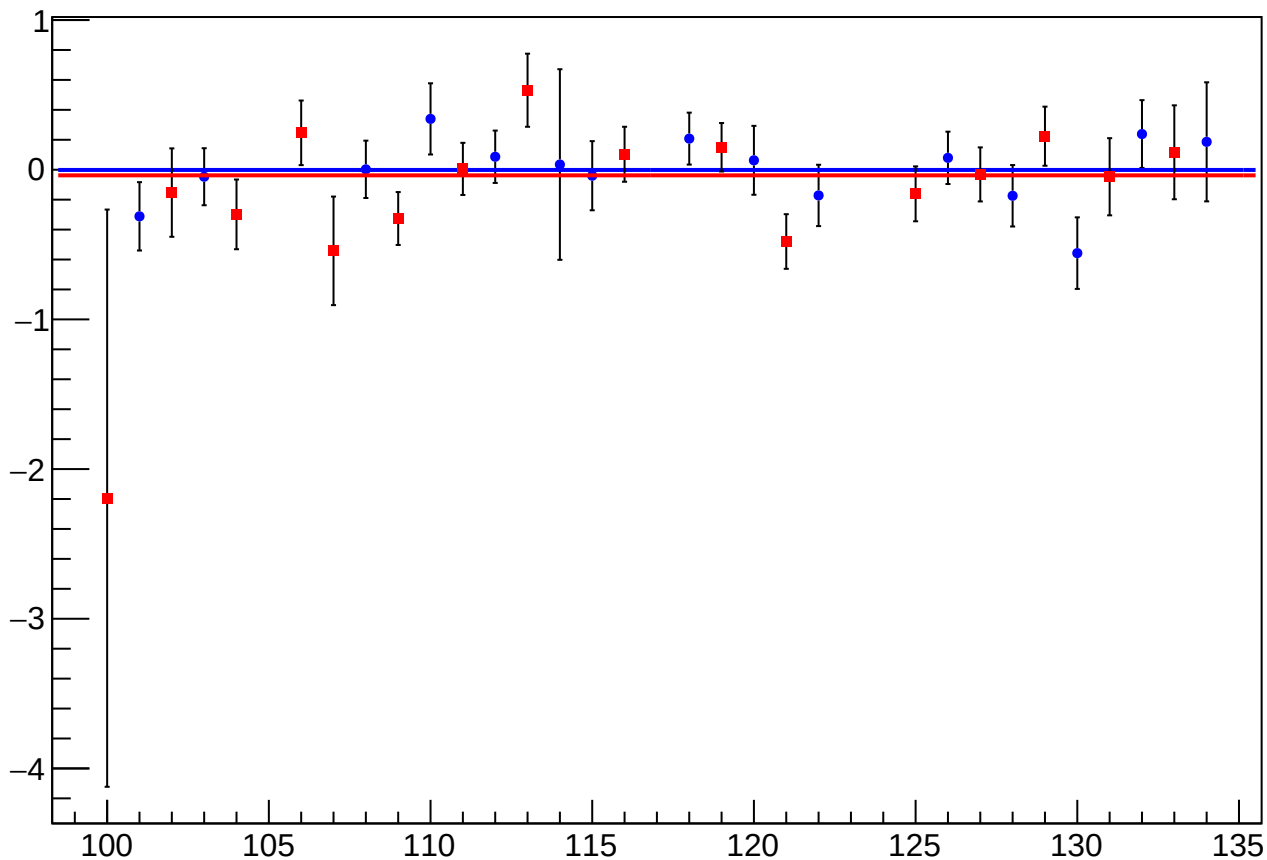
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 1687641.5/30

- sign 0.000 $\pm$ 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: -0.038 ± 0.053 χ^2/NDF : 24.7/15

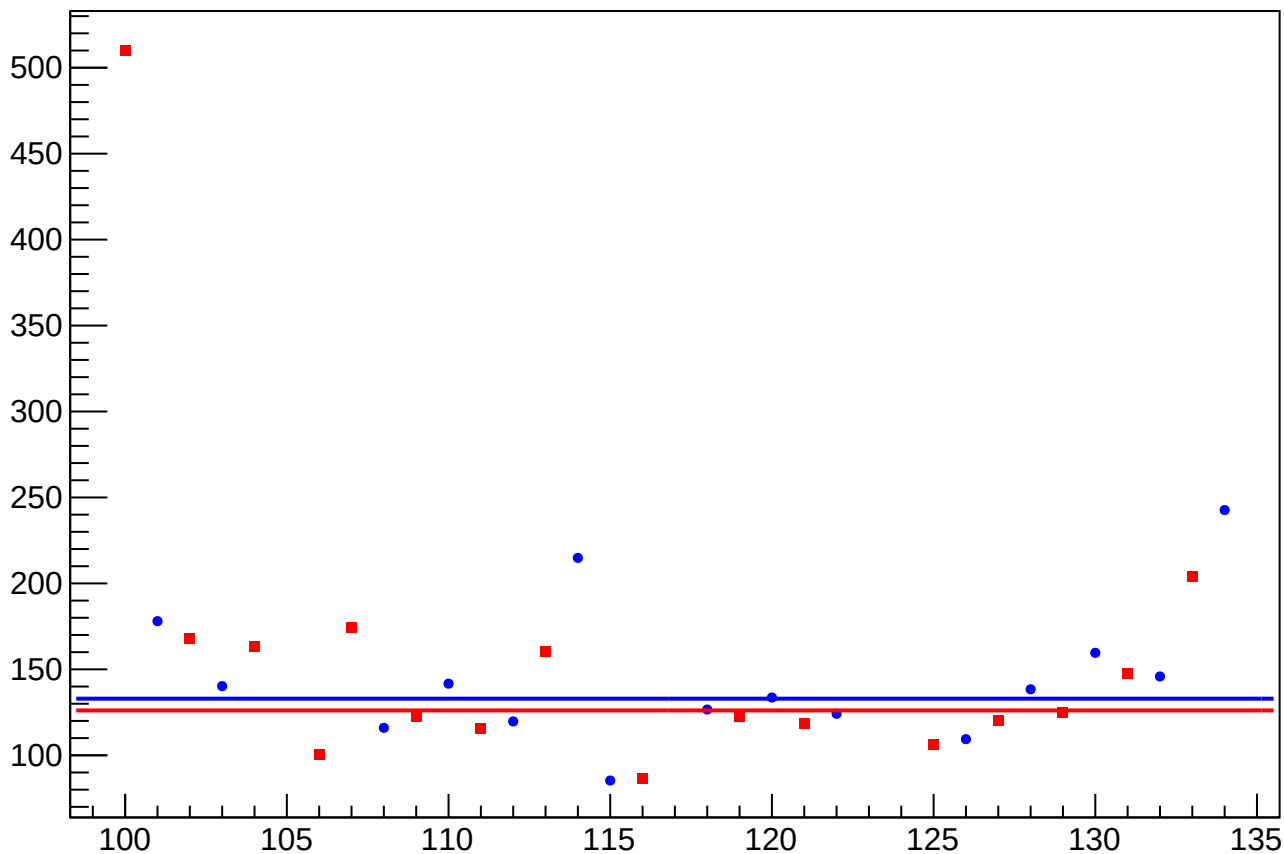
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.020 ± 0.039 χ^2/NDF : 39.1/30

- 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: 126.105+/-0.038 χ^2/NDF : 539570.2/15

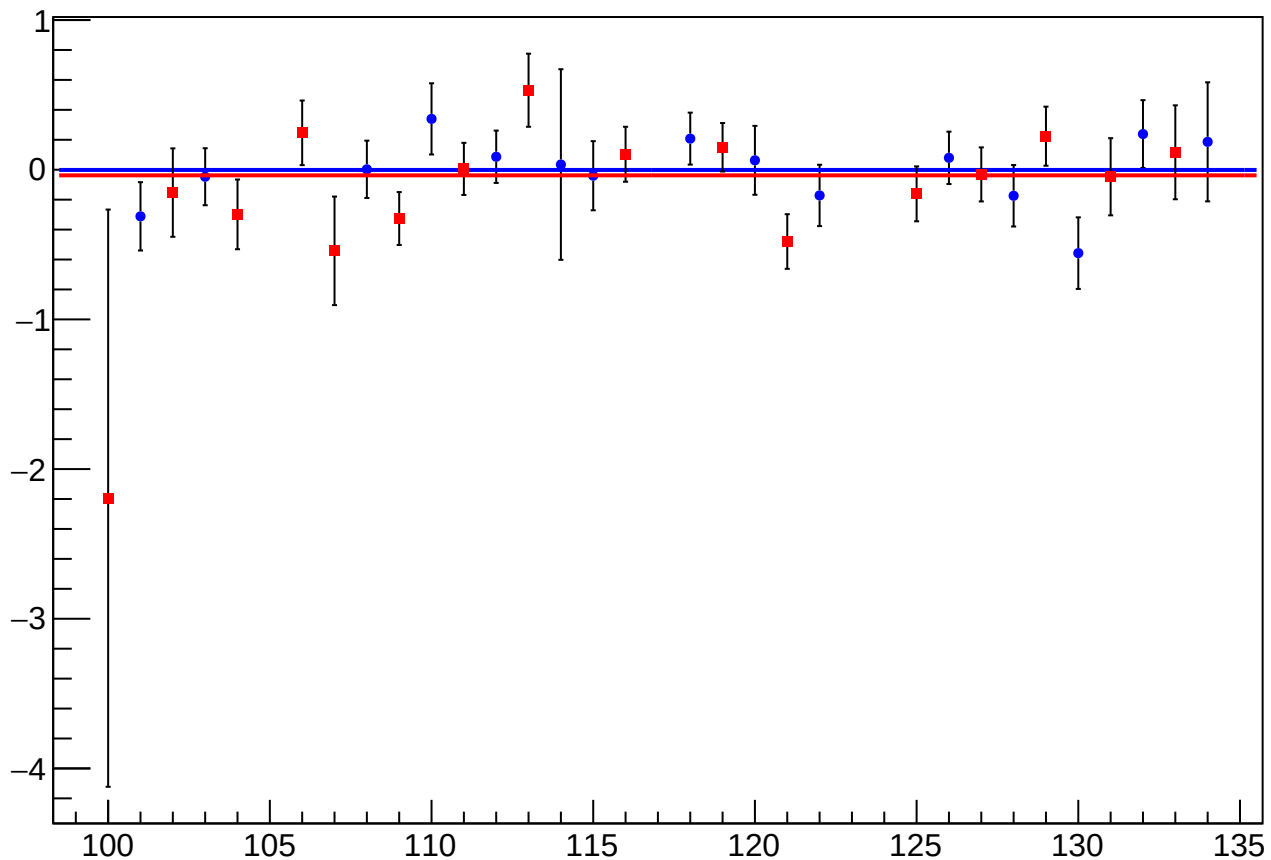
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.378+/-0.027 χ^2/NDF : 1011787.6/30

- 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: -0.038 $\pm$ 0.053 χ^2/NDF : 24.7/15

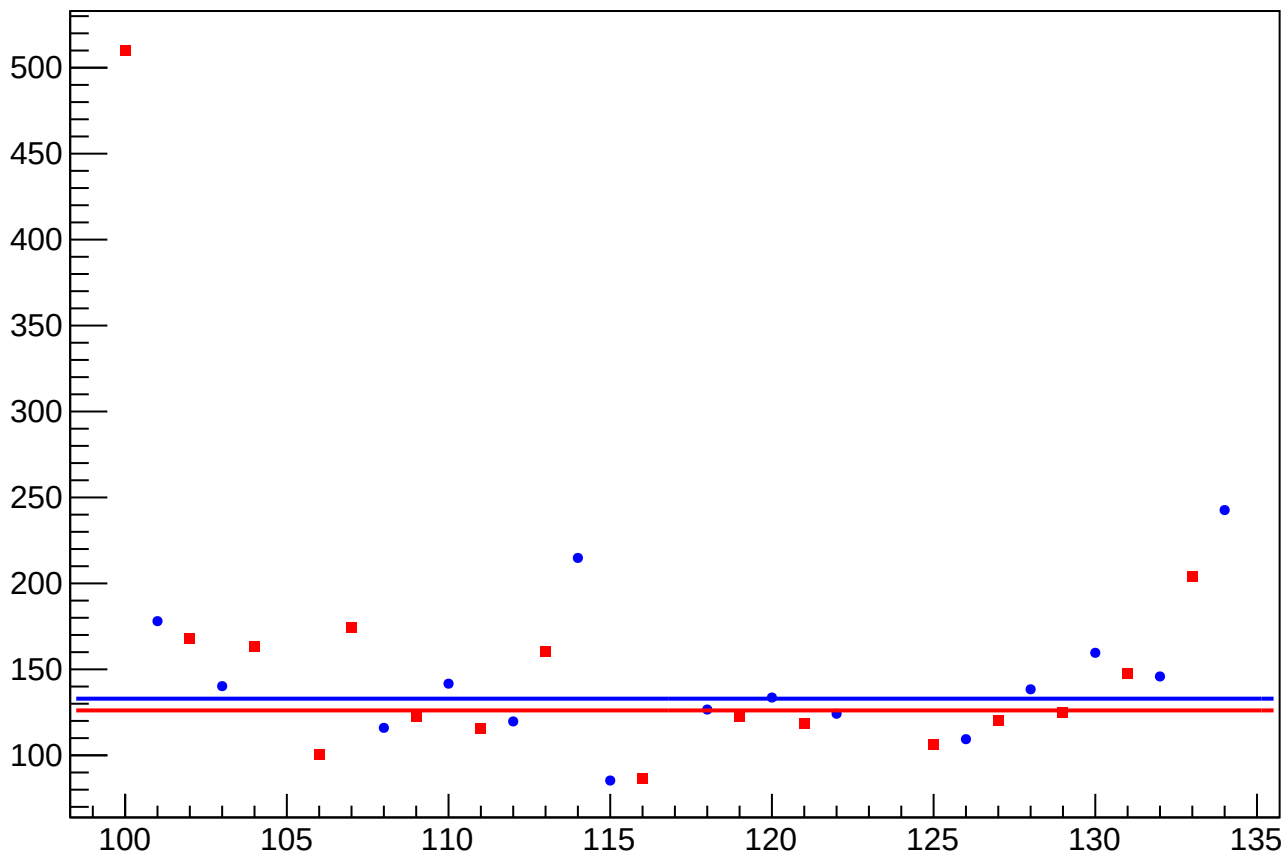
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.020 $\pm$ 0.039 χ^2/NDF : 39.1/30

- 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: 126.105 $\pm$ 0.038 χ^2 /NDF: 539570.2/15

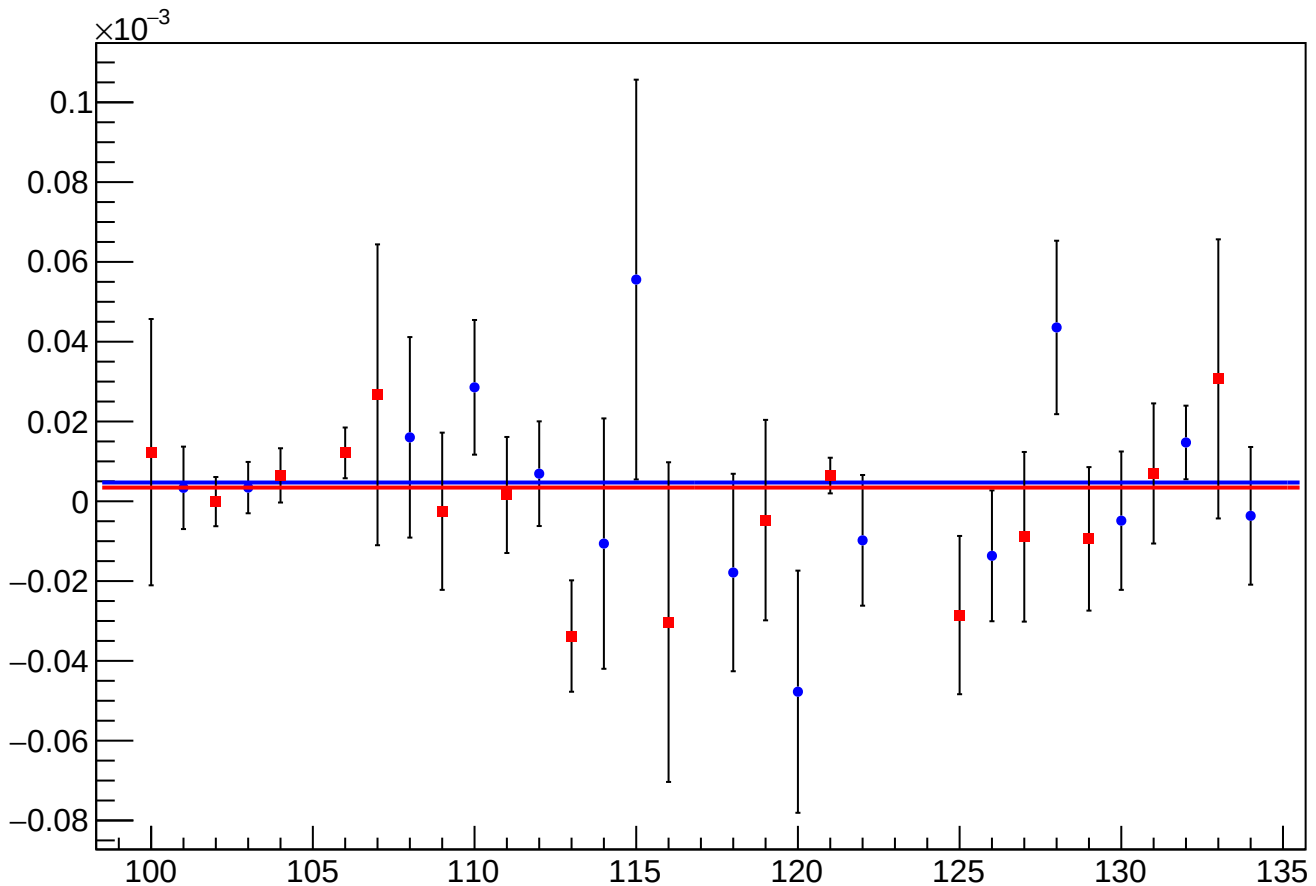
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 129.378 $\pm$ 0.027 χ^2 /NDF: 1011787.6/30

- 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: 15.4/15

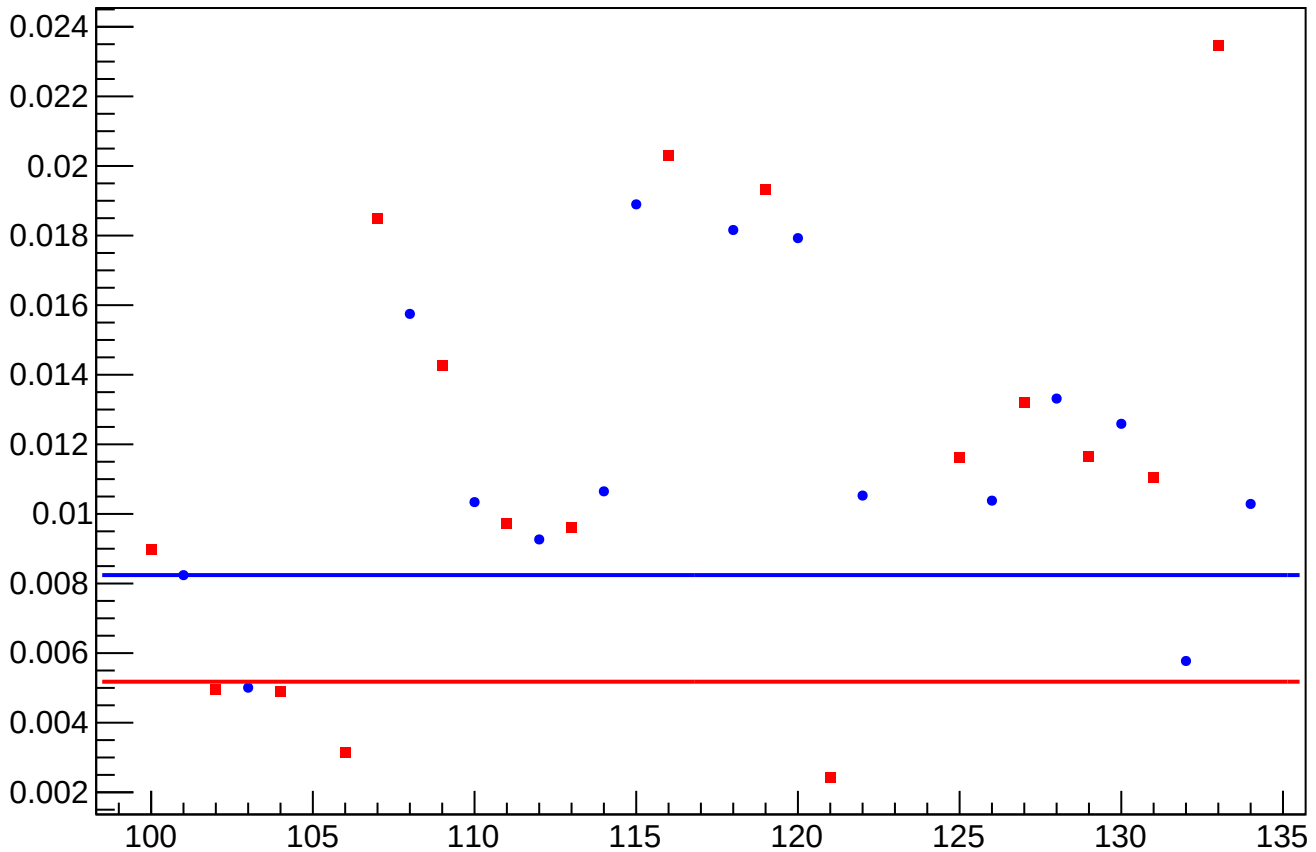
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 29.8/30

- 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 : 4515401.5/15

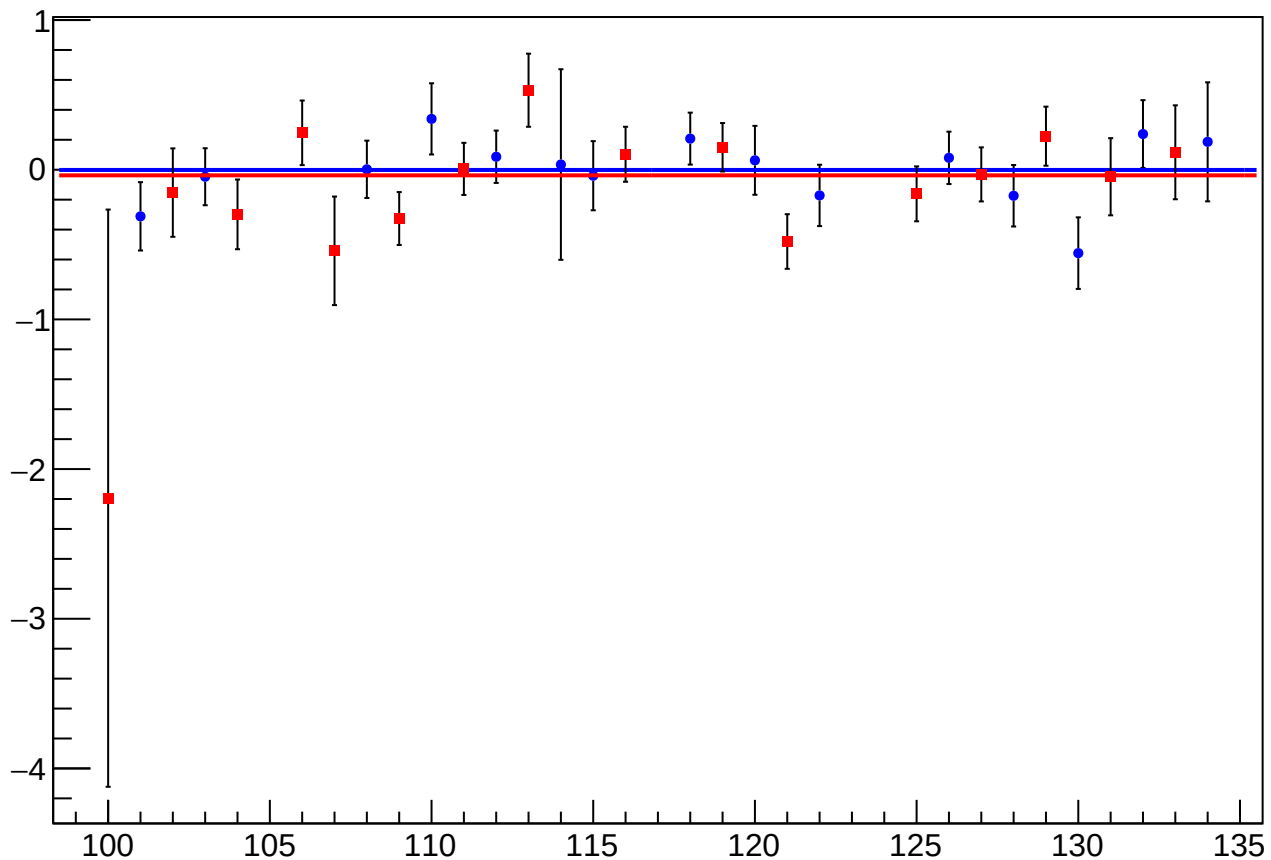
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 7302093.2/30

- 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: -0.038 ± 0.053 χ^2/NDF : 24.7/15

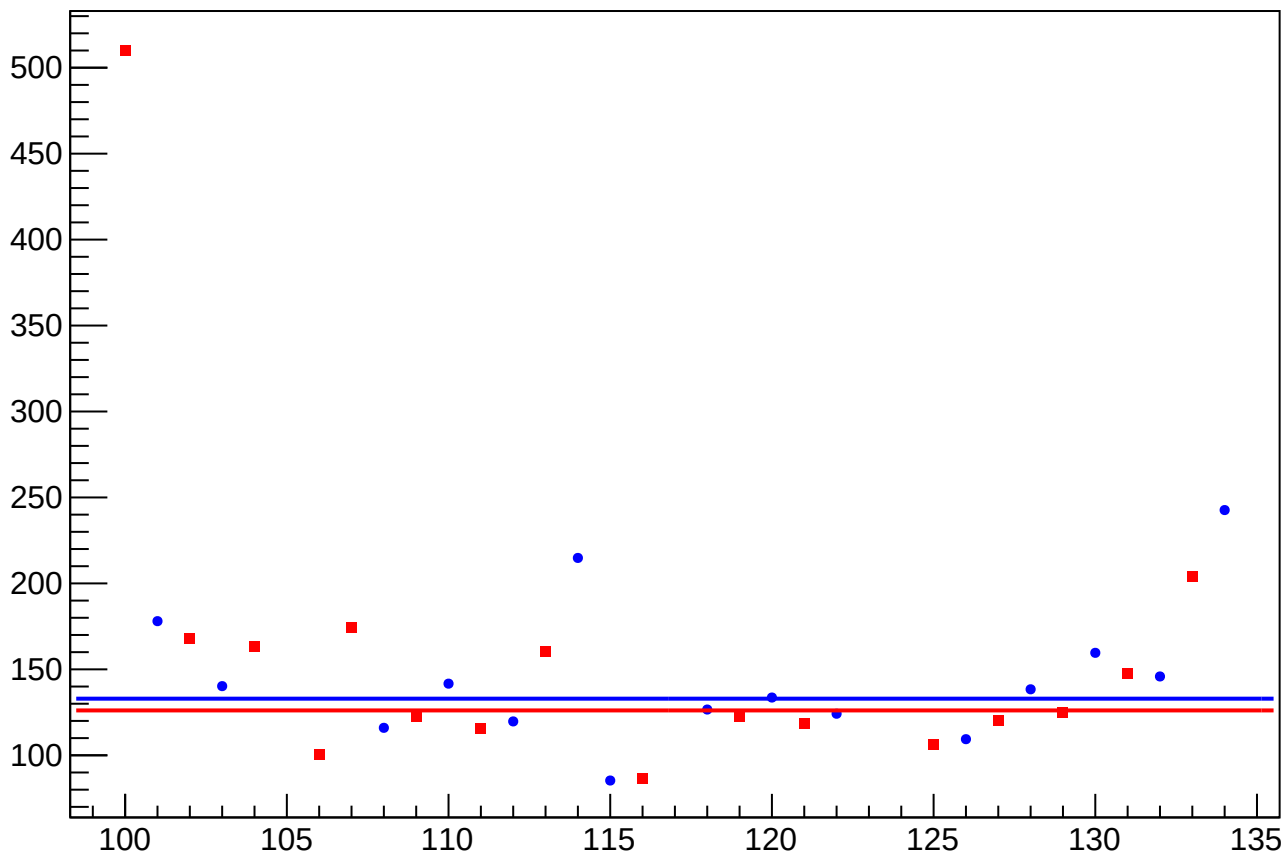
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.020 ± 0.039 χ^2/NDF : 39.1/30

- 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: 126.105+/-0.038 χ^2/NDF : 539512.8/15

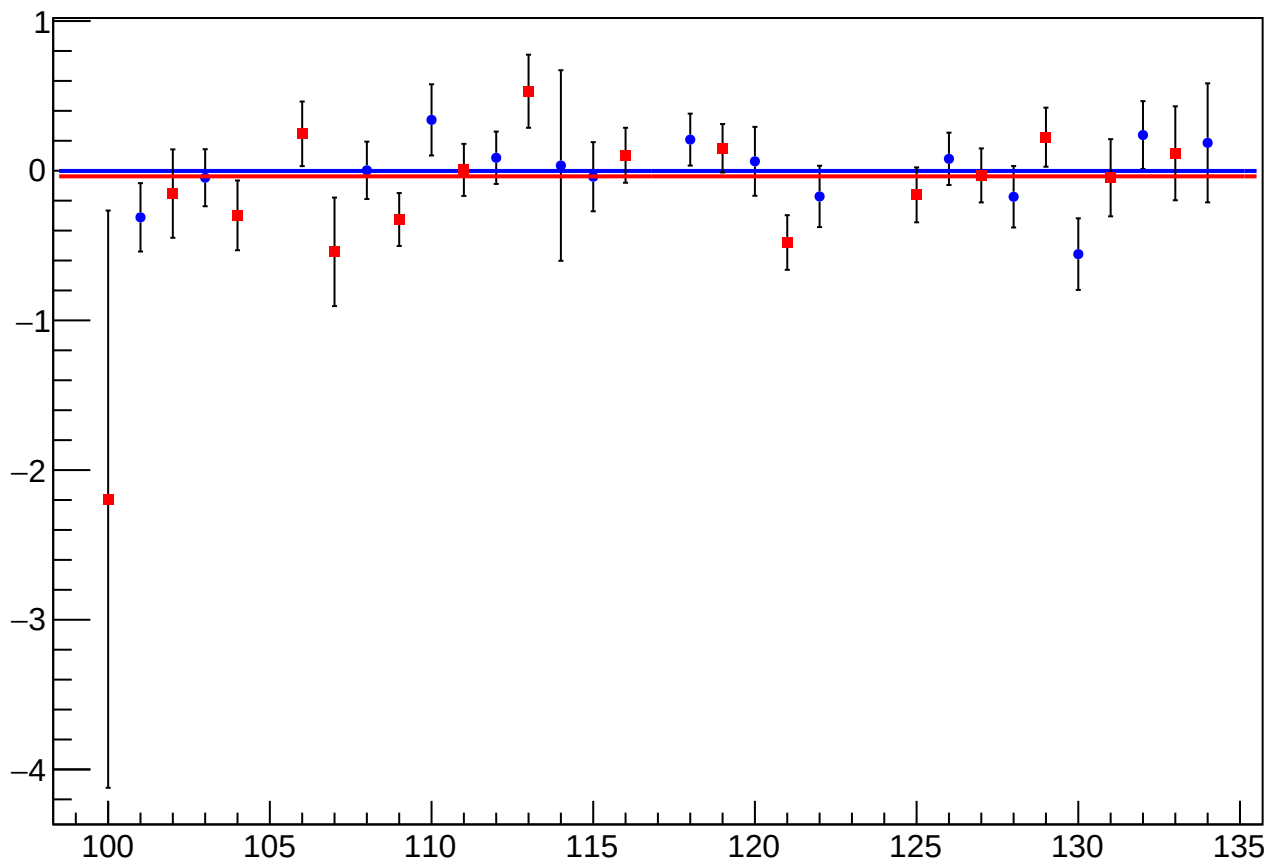
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.378+/-0.027 χ^2/NDF : 1011690.0/30

- 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: -0.038 ± 0.053 χ^2/NDF : 24.7/15

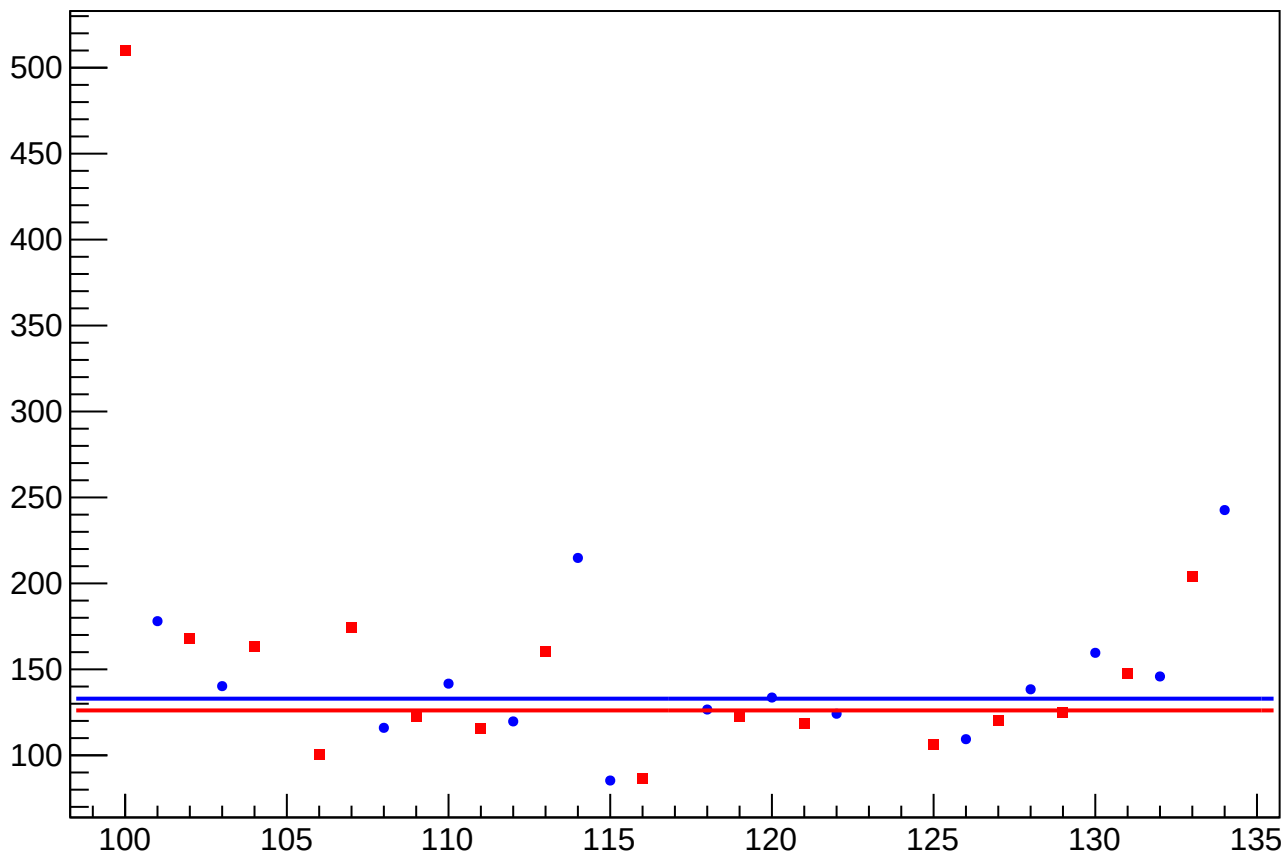
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.020 ± 0.039 χ^2/NDF : 39.1/30

- 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+/-0.039 χ^2/NDF : 456500.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.105+/-0.038 χ^2/NDF : 539512.8/15

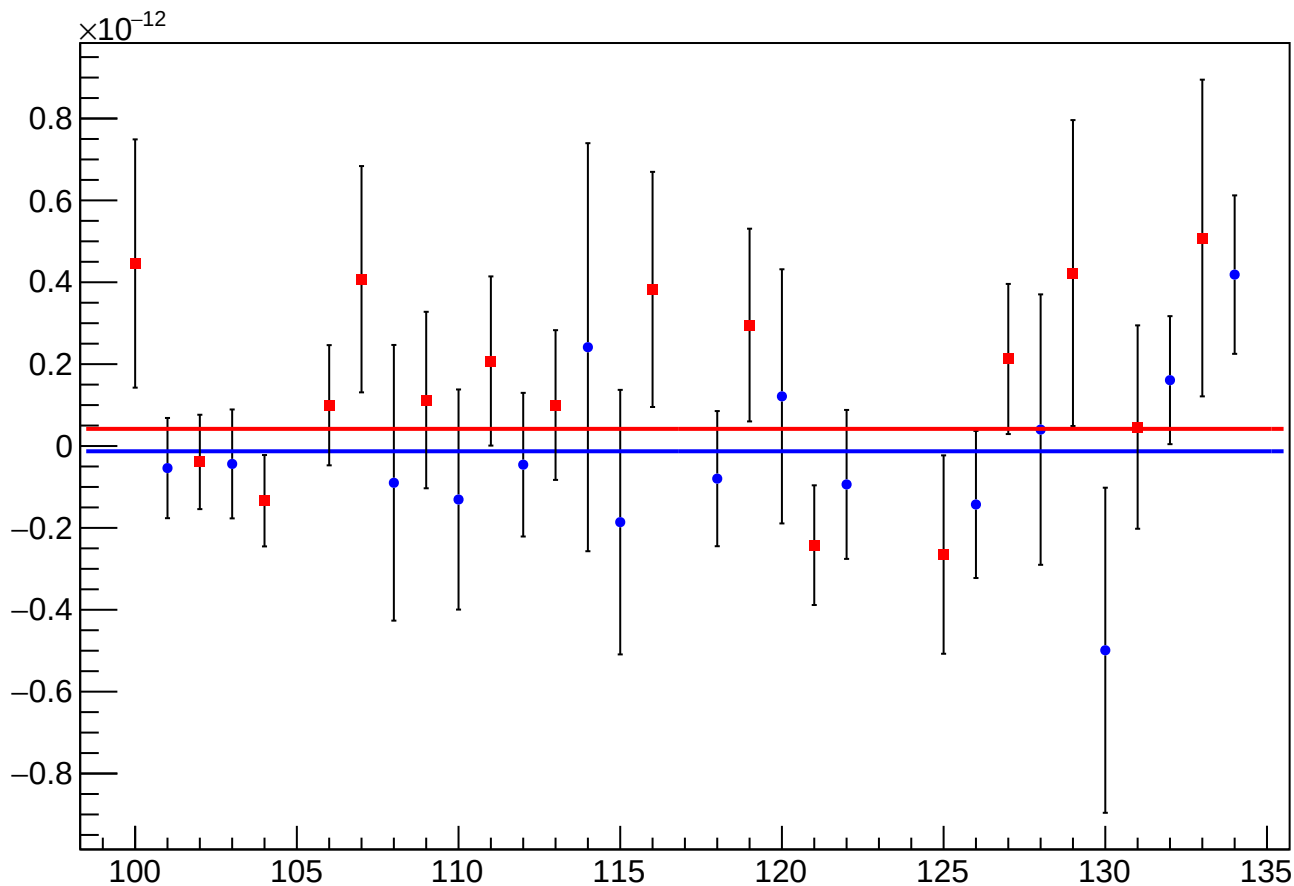
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.378+/-0.027 χ^2/NDF : 1011690.0/30

- sign 0.000+/-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 : 18.8/15

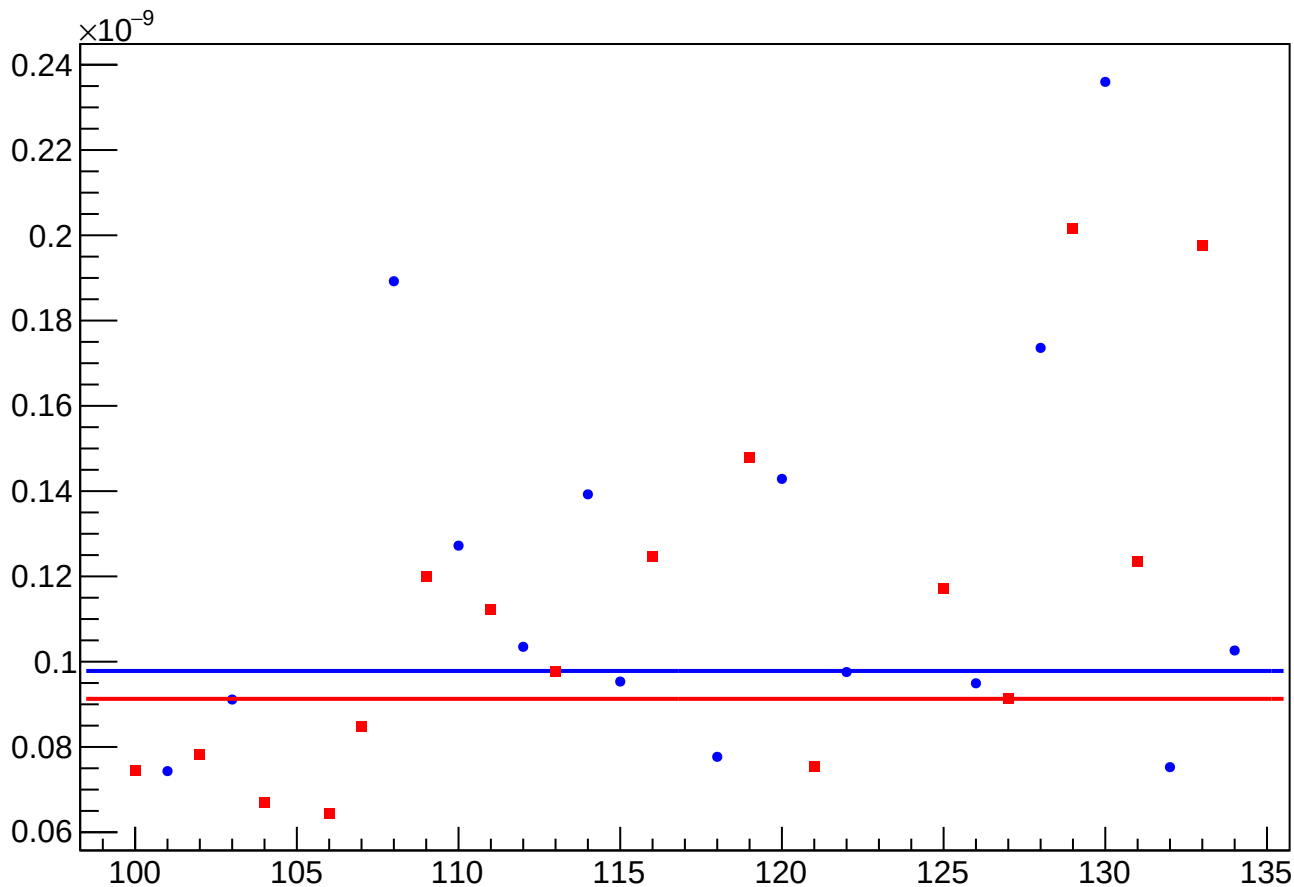
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.2/30

- 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 : 800563.3/15

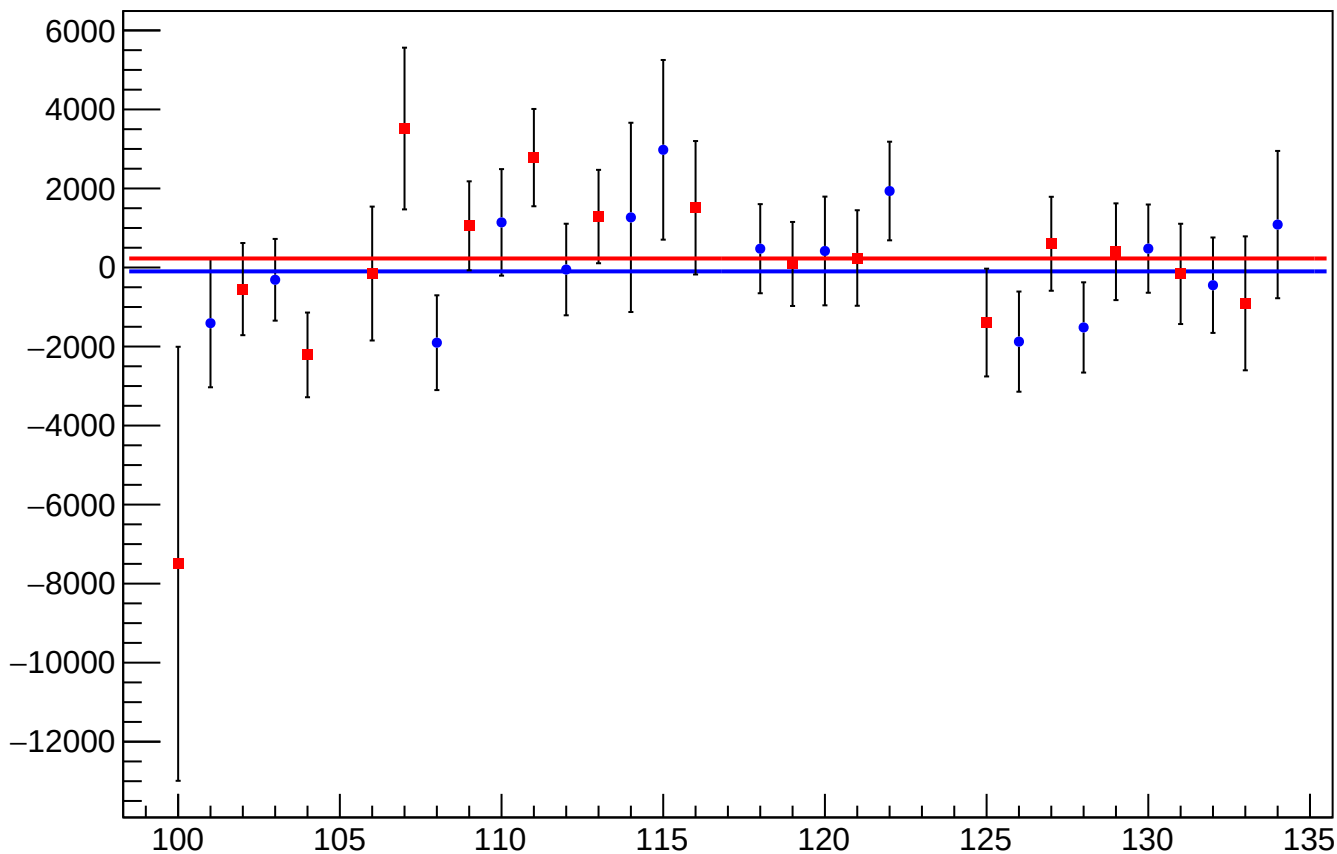
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1547058.7/30

- 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: 228.256+/-329.833 χ^2/NDF : 18.6/15

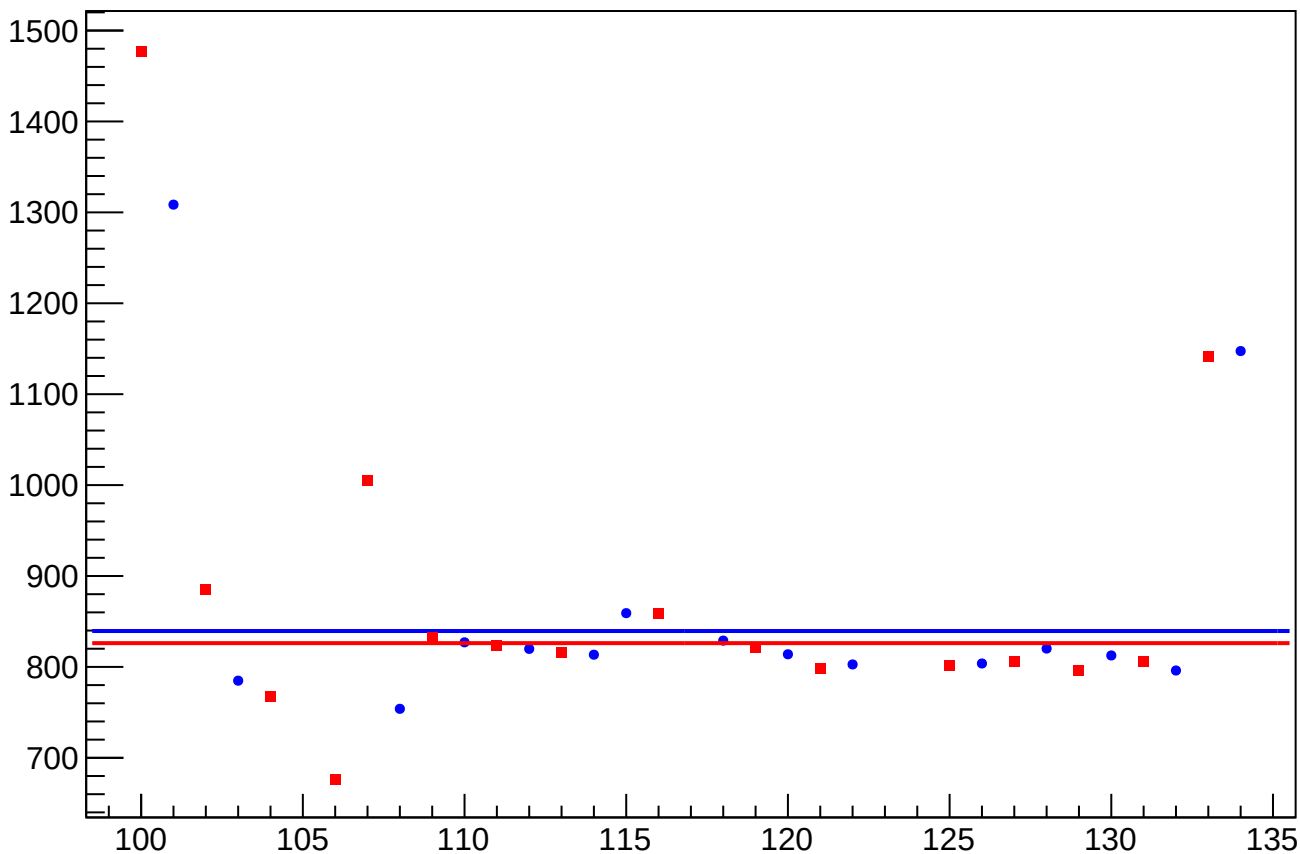
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.563+/-235.788 χ^2/NDF : 32.3/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_rms vs Slug



Right In: 839.492+/-0.238 χ^2/NDF : 246963.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 826.155+/-0.230 χ^2/NDF : 155426.2/15

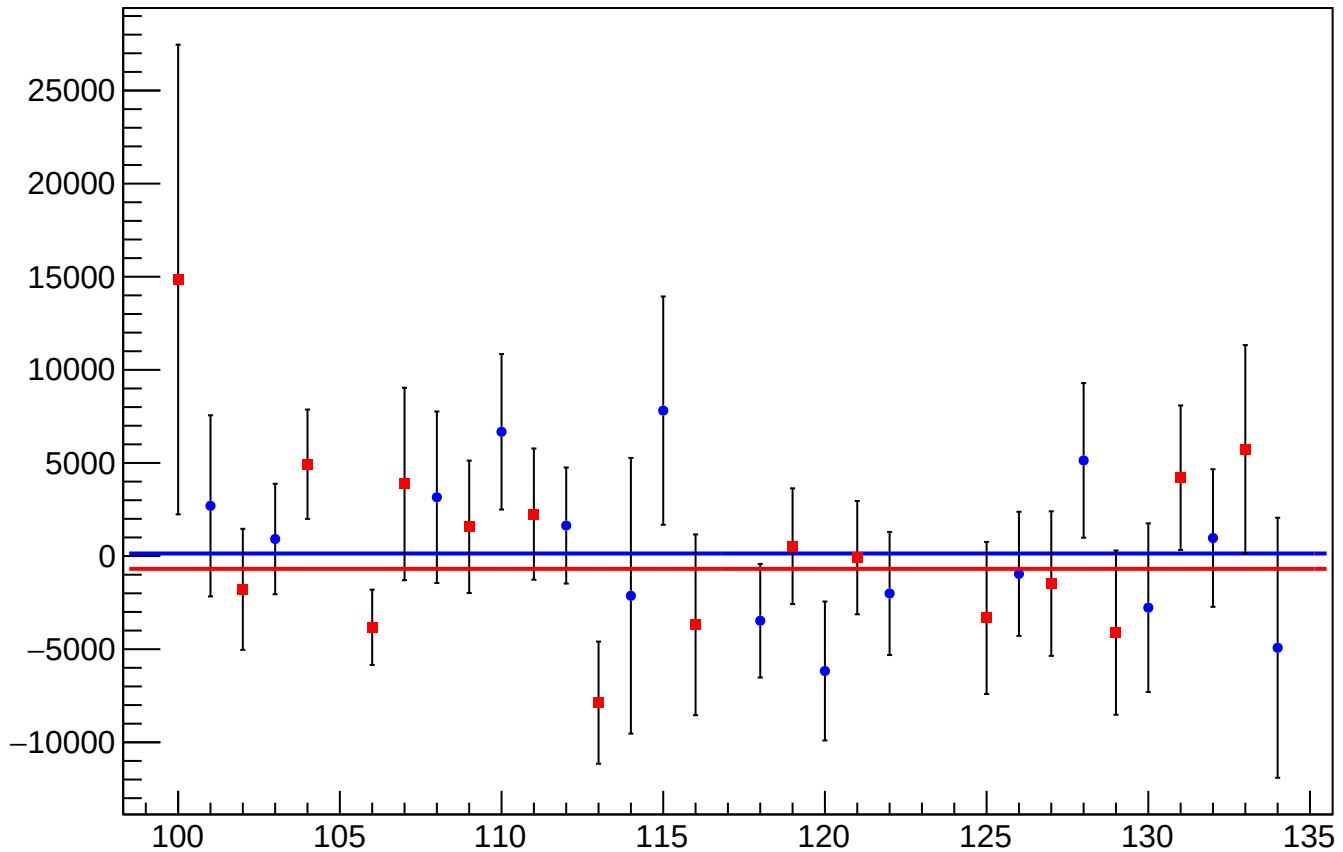
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 832.589+/-0.166 χ^2/NDF : 404008.9/30

- sign 0.000+/-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: -684.157 $\pm$ 883.327 χ^2 /NDF: 18.9/15

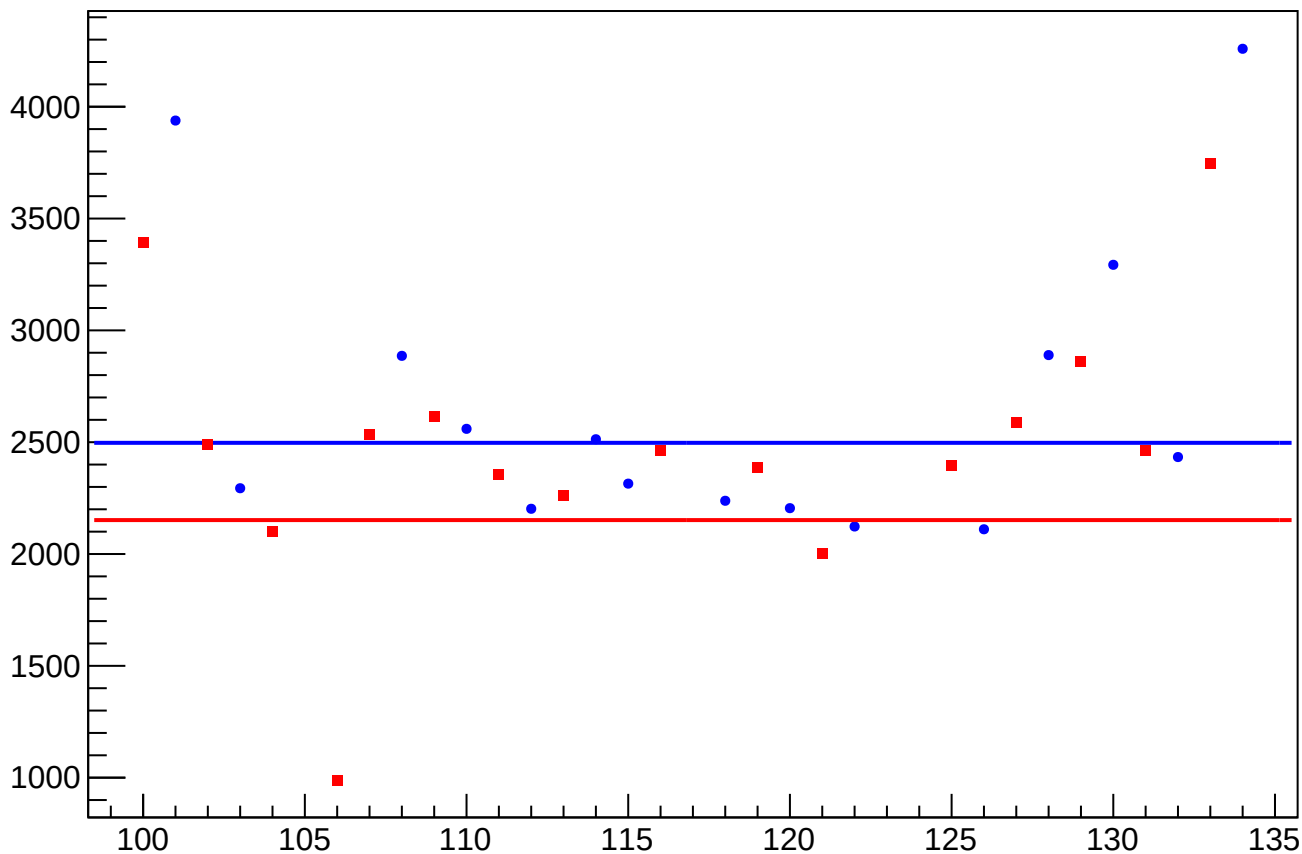
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -329.639 $\pm$ 666.441 χ^2 /NDF: 31.7/30

- 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

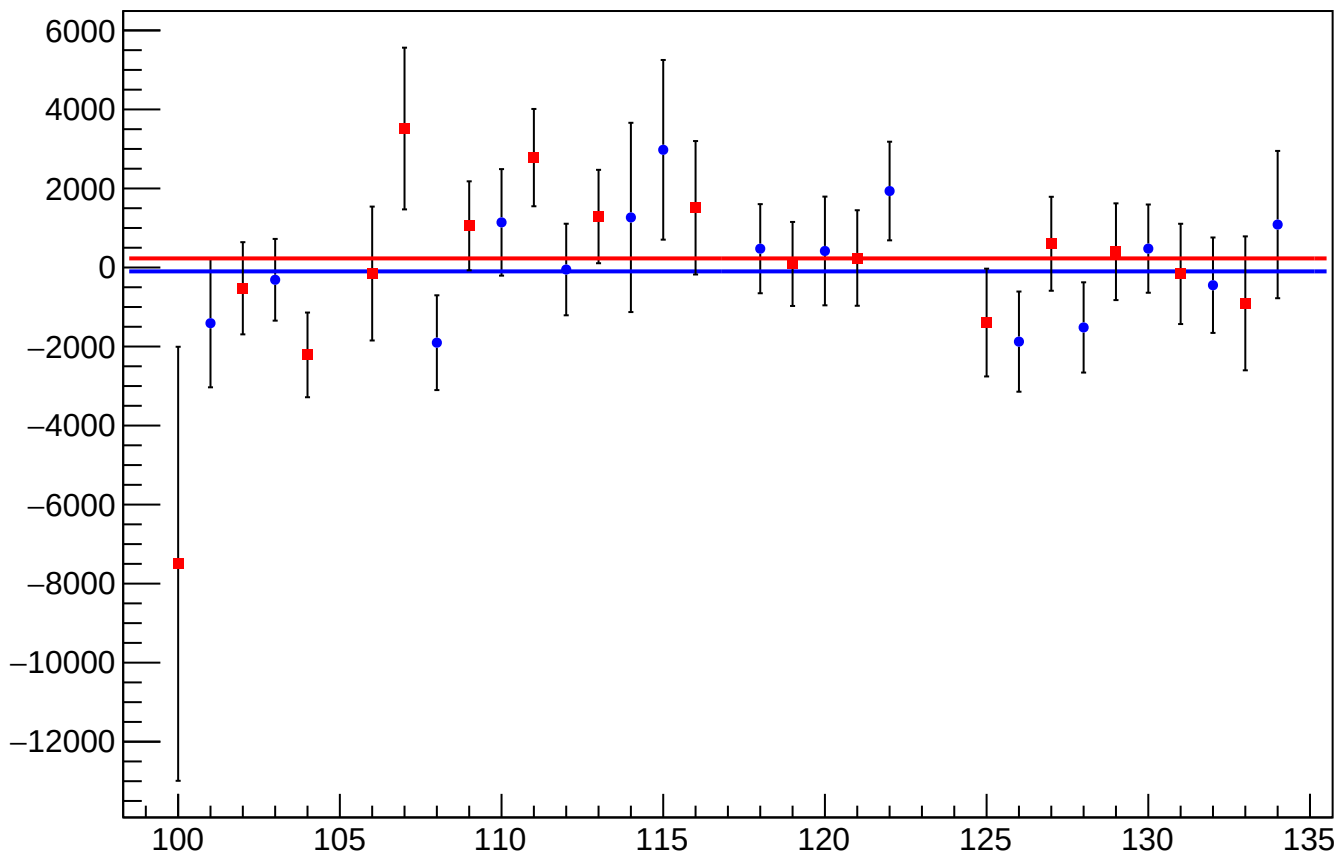
Right Out: 2151.711+/-0.625 χ^2/NDF : 1042947.4/15

All: 2300.539+/-0.471 χ^2/NDF : 1680967.2/30

- 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 $\pm$ 337.196 χ^2 /NDF: 13.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 229.952 $\pm$ 329.839 χ^2 /NDF: 18.5/15

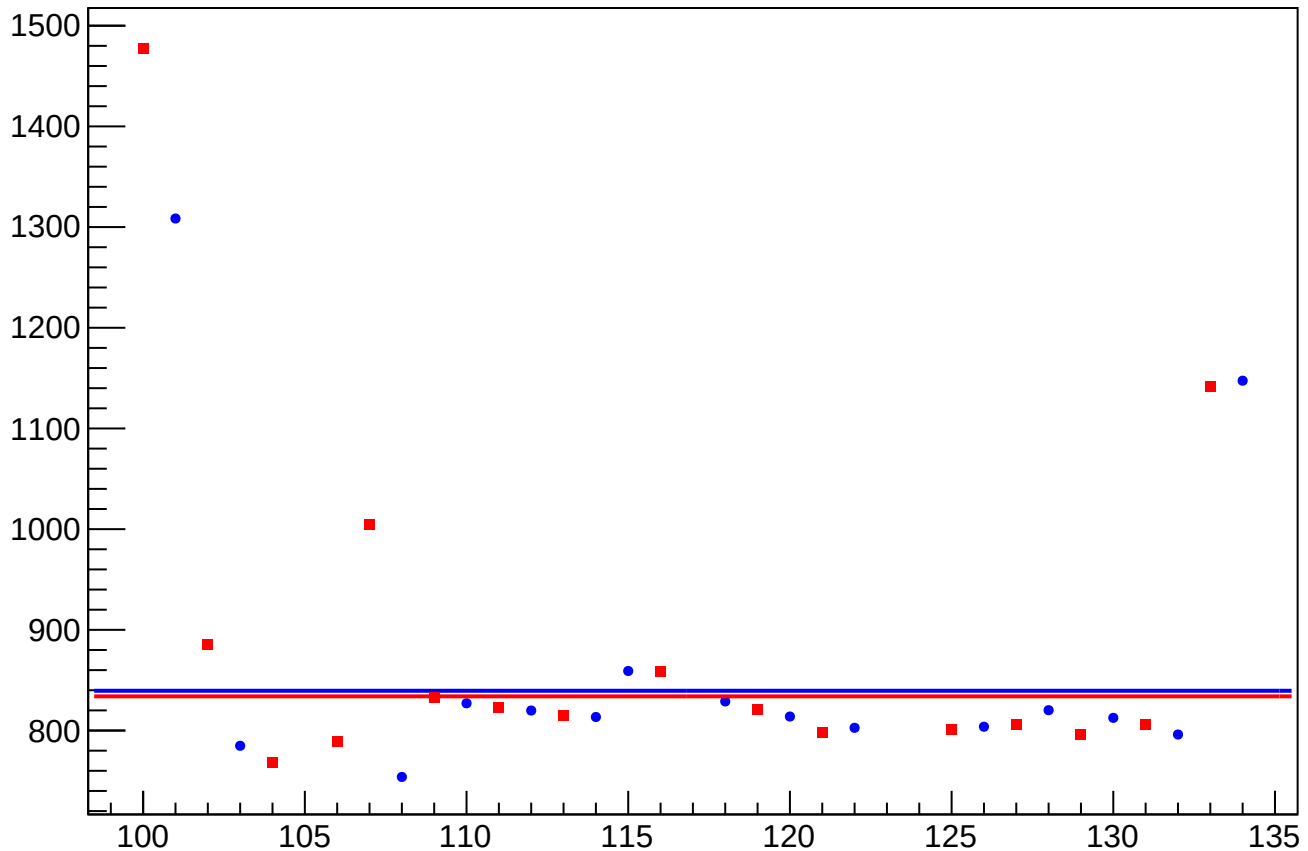
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 69.380 $\pm$ 235.789 χ^2 /NDF: 32.3/30

- sign 0.000 $\pm$ 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: 833.951 $\pm$ 0.232 χ^2 /NDF: 128775.4/15

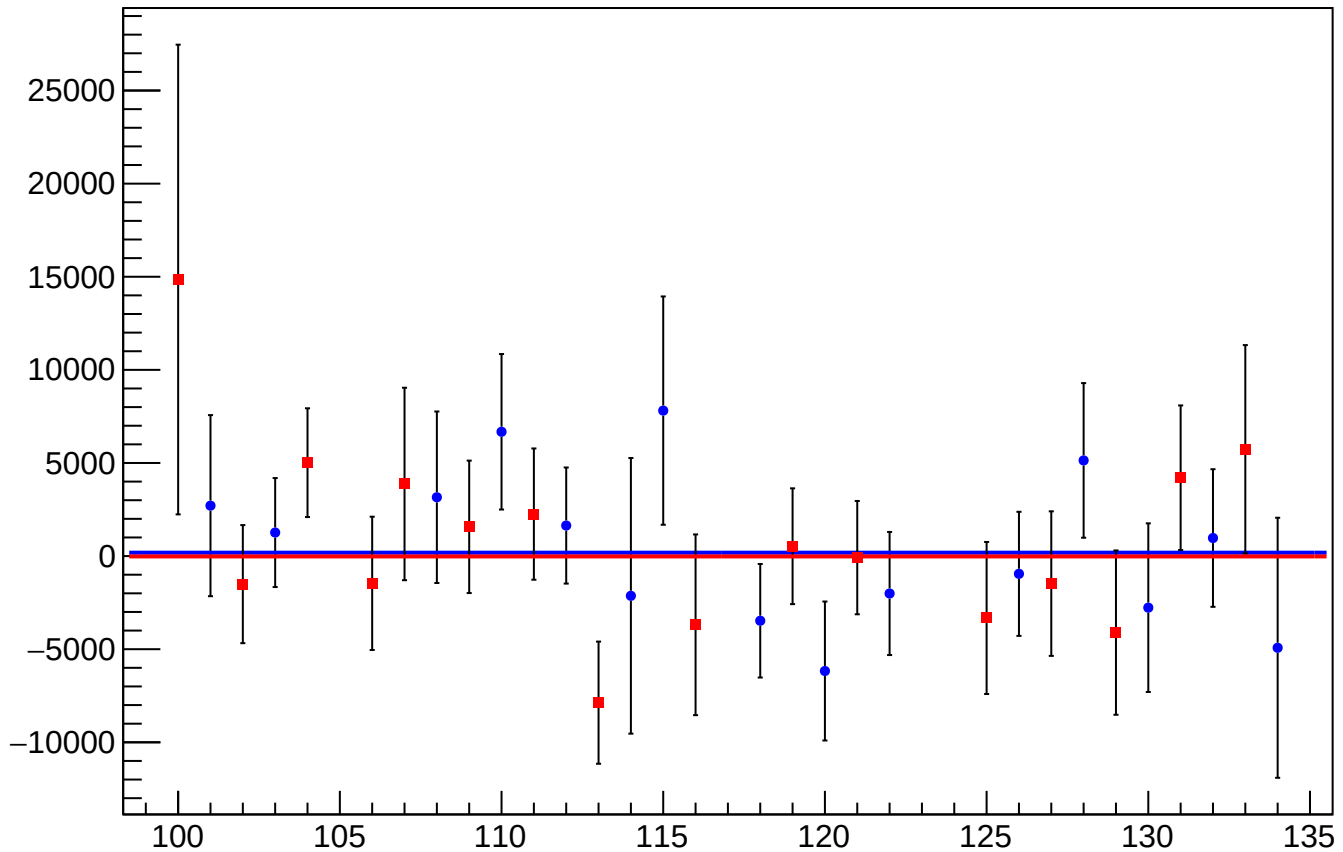
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 836.645 $\pm$ 0.166 χ^2 /NDF: 376015.8/30

- 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: -18.278+/-944.454 χ^2/NDF : 16.2/15

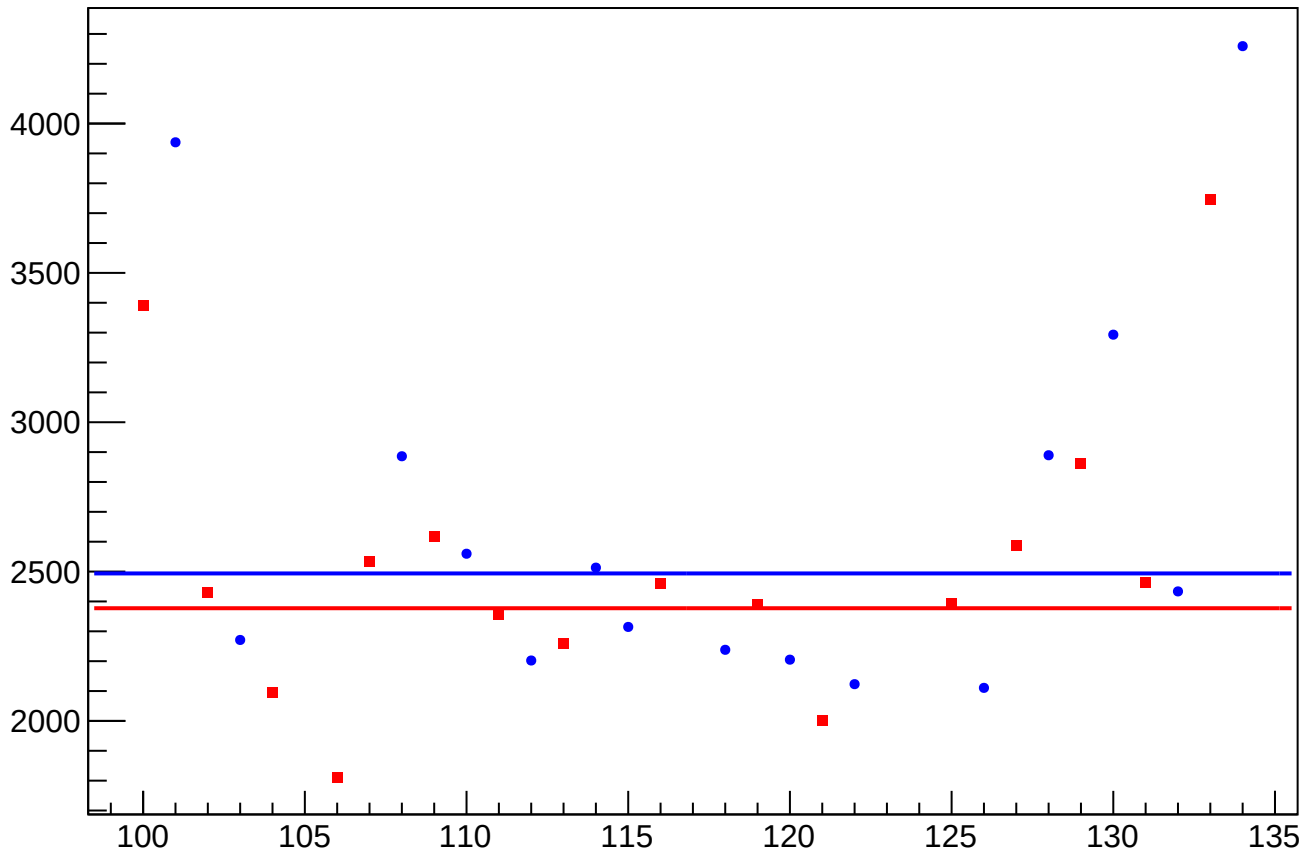
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.397+/-691.047 χ^2/NDF : 28.6/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_cor_correction_rms vs Slug



Right In: 2493.783 $\pm$ 0.717 χ^2 /NDF: 508617.4/14

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

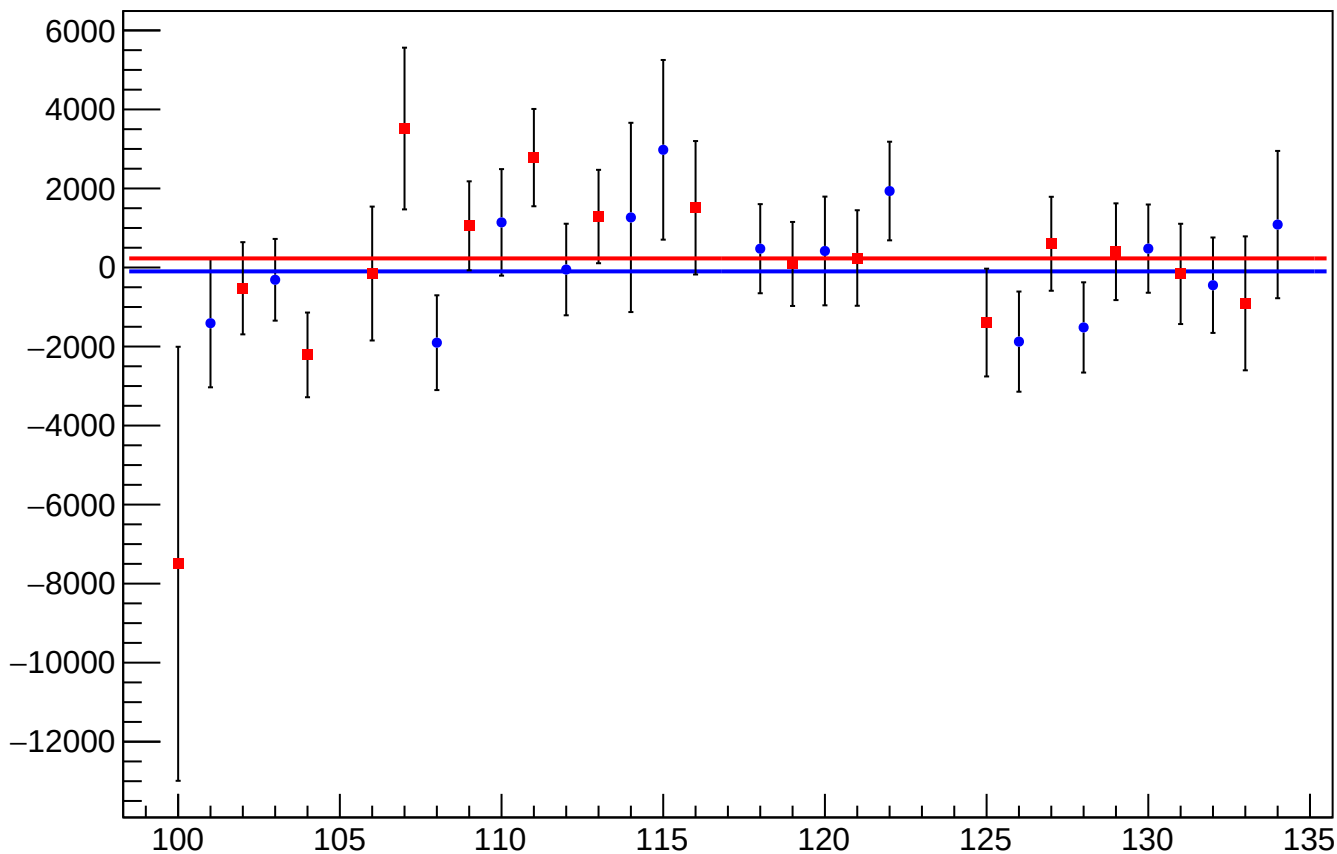
Right Out: 2377.287 $\pm$ 0.668 χ^2 /NDF: 277369.9/15

All: 2431.415 $\pm$ 0.489 χ^2 /NDF: 800125.7/30

Left 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_usl_atl2_dd_mean vs Slug



Right In: -98.434 $\pm$ 337.196 χ^2 /NDF: 13.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 229.952 $\pm$ 329.839 χ^2 /NDF: 18.5/15

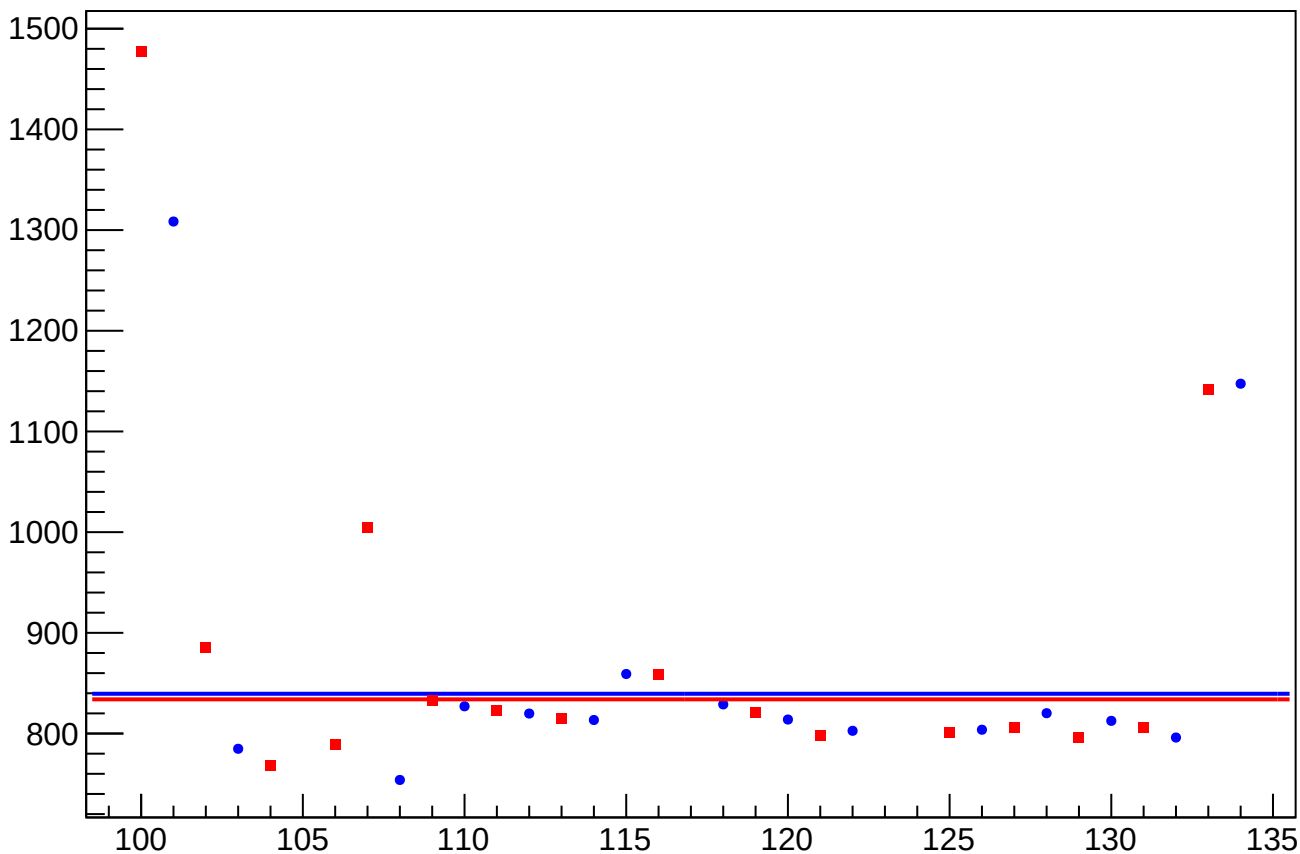
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 69.380 $\pm$ 235.789 χ^2 /NDF: 32.3/30

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

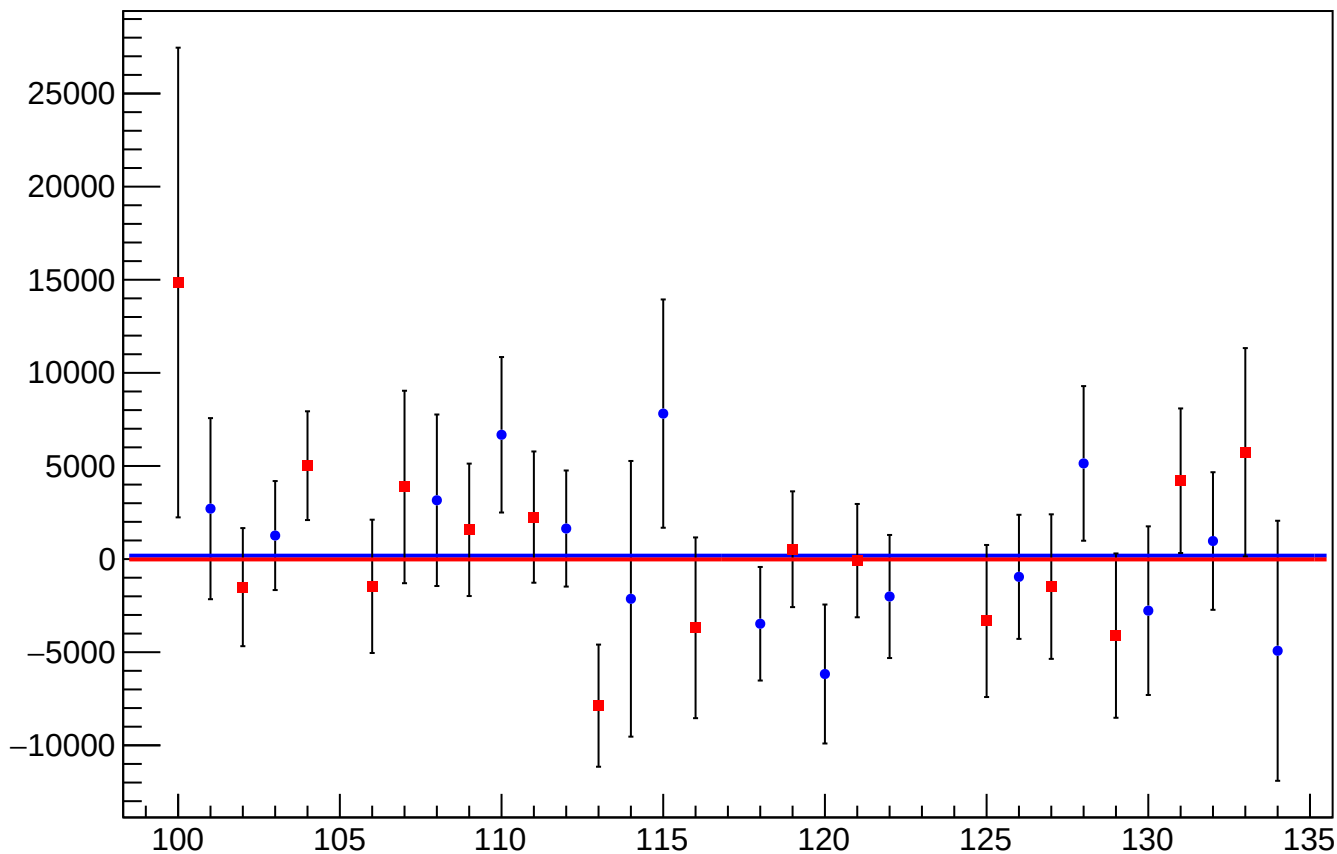
Right Out: 833.951 $\pm$ 0.232 χ^2 /NDF: 128775.4/15

All: 836.645 $\pm$ 0.166 χ^2 /NDF: 376015.8/30

- 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_dd_eigen_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: -18.278+/-944.454 χ^2/NDF : 16.2/15

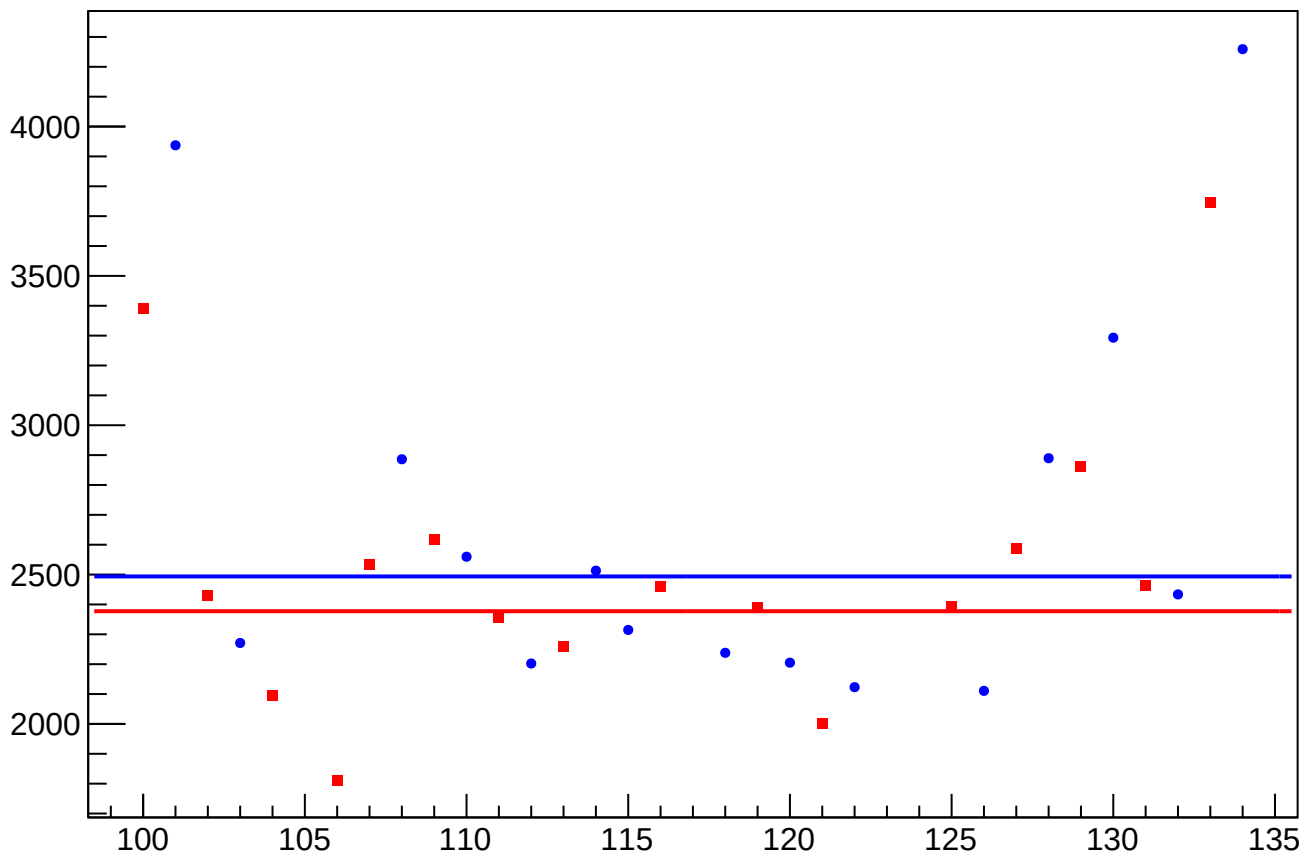
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.397+/-691.047 χ^2/NDF : 28.6/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_cor_correction_rms vs Slug



Right In: 2493.783 $\pm$ 0.717 χ^2 /NDF: 508617.4/14

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

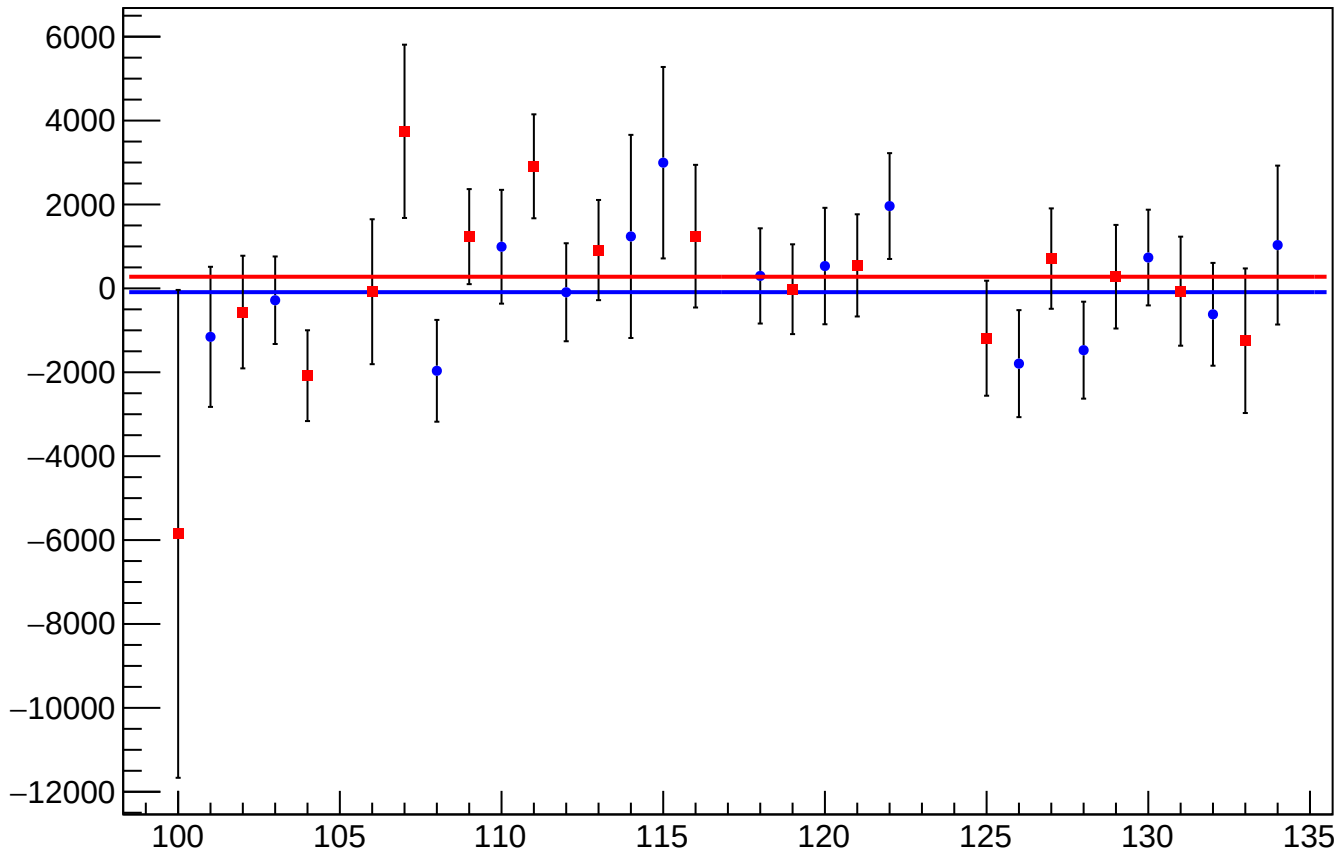
Right Out: 2377.287 $\pm$ 0.668 χ^2 /NDF: 277369.9/15

All: 2431.415 $\pm$ 0.489 χ^2 /NDF: 800125.7/30

- 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_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: 277.366+/-336.220 χ^2/NDF : 17.2/15

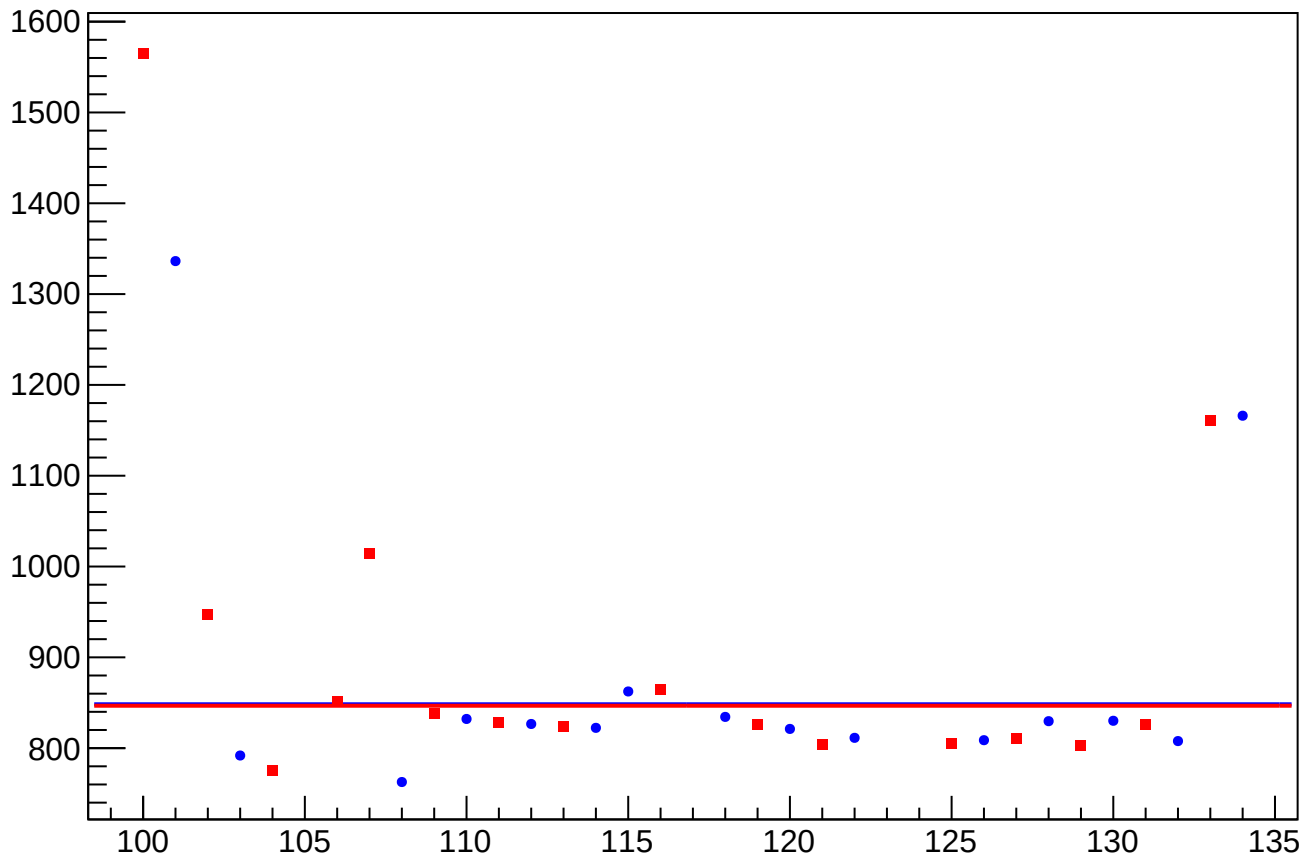
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.221+/-239.442 χ^2/NDF : 30.6/30

- 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: 846.718+/-0.237 χ^2/NDF : 141171.5/15

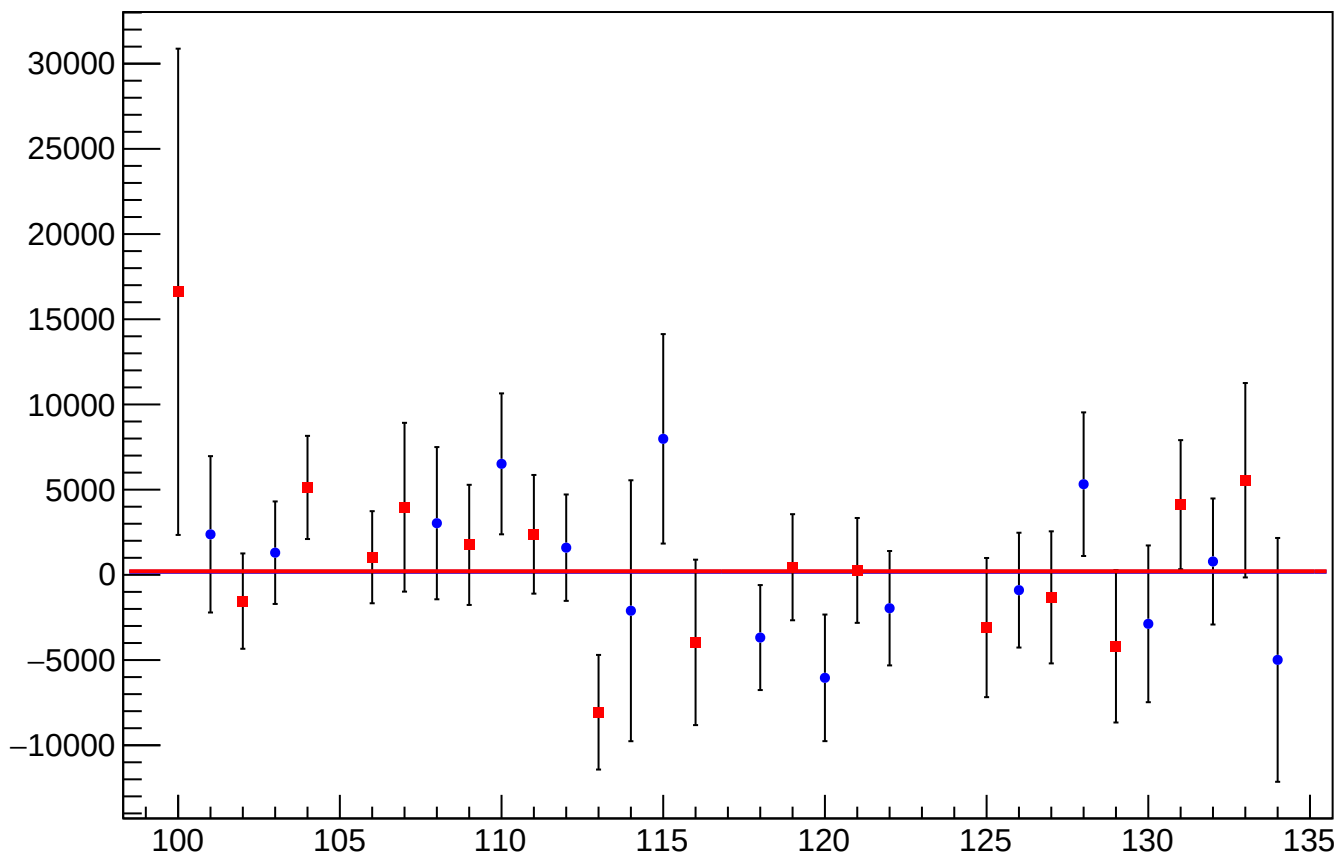
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 847.499+/-0.169 χ^2/NDF : 393275.7/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_dit_correction_mean vs Slug



Right In: 180.288 $\pm$ 1018.701 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 210.879 $\pm$ 913.298 χ^2 /NDF: 16.1/15

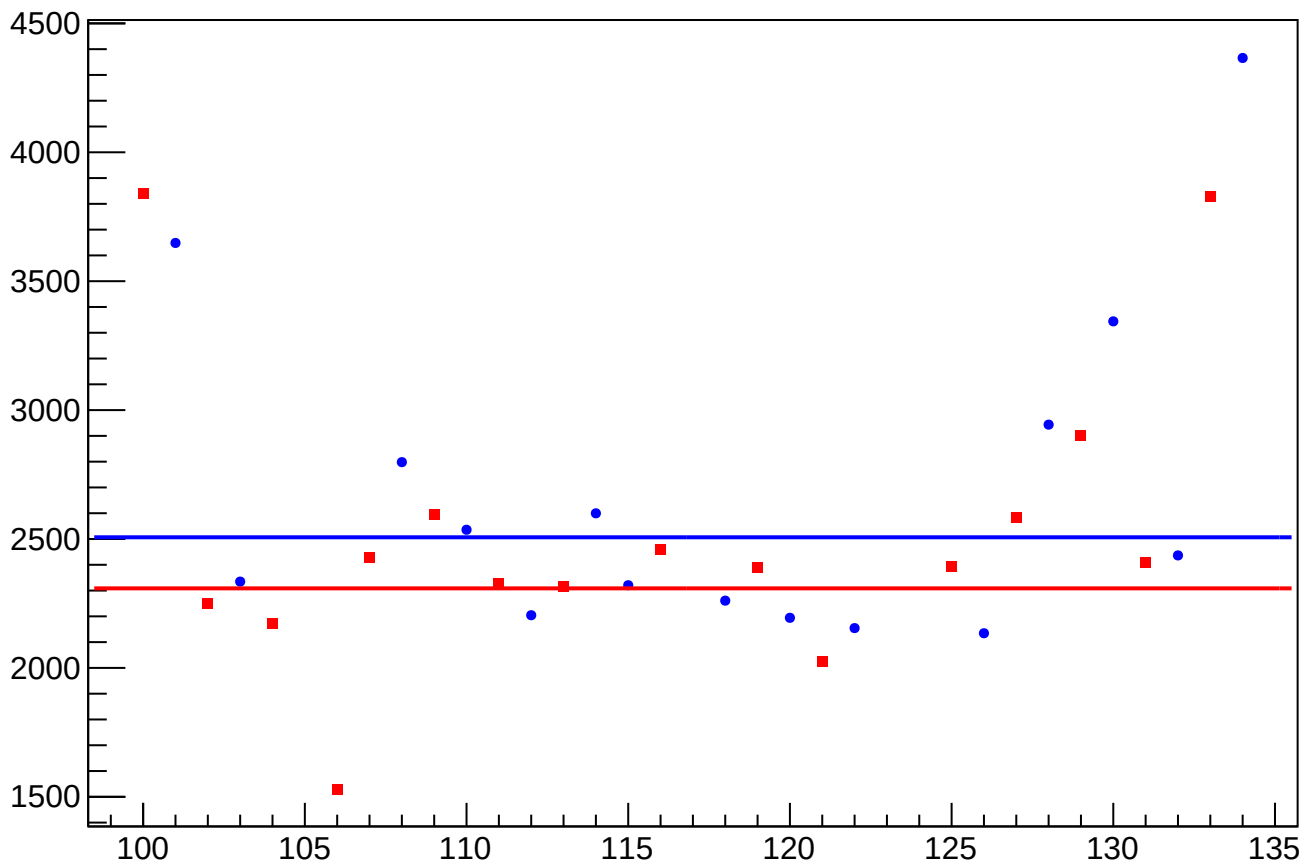
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 197.248 $\pm$ 680.021 χ^2 /NDF: 28.5/30

- sign 0.000 $\pm$ 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

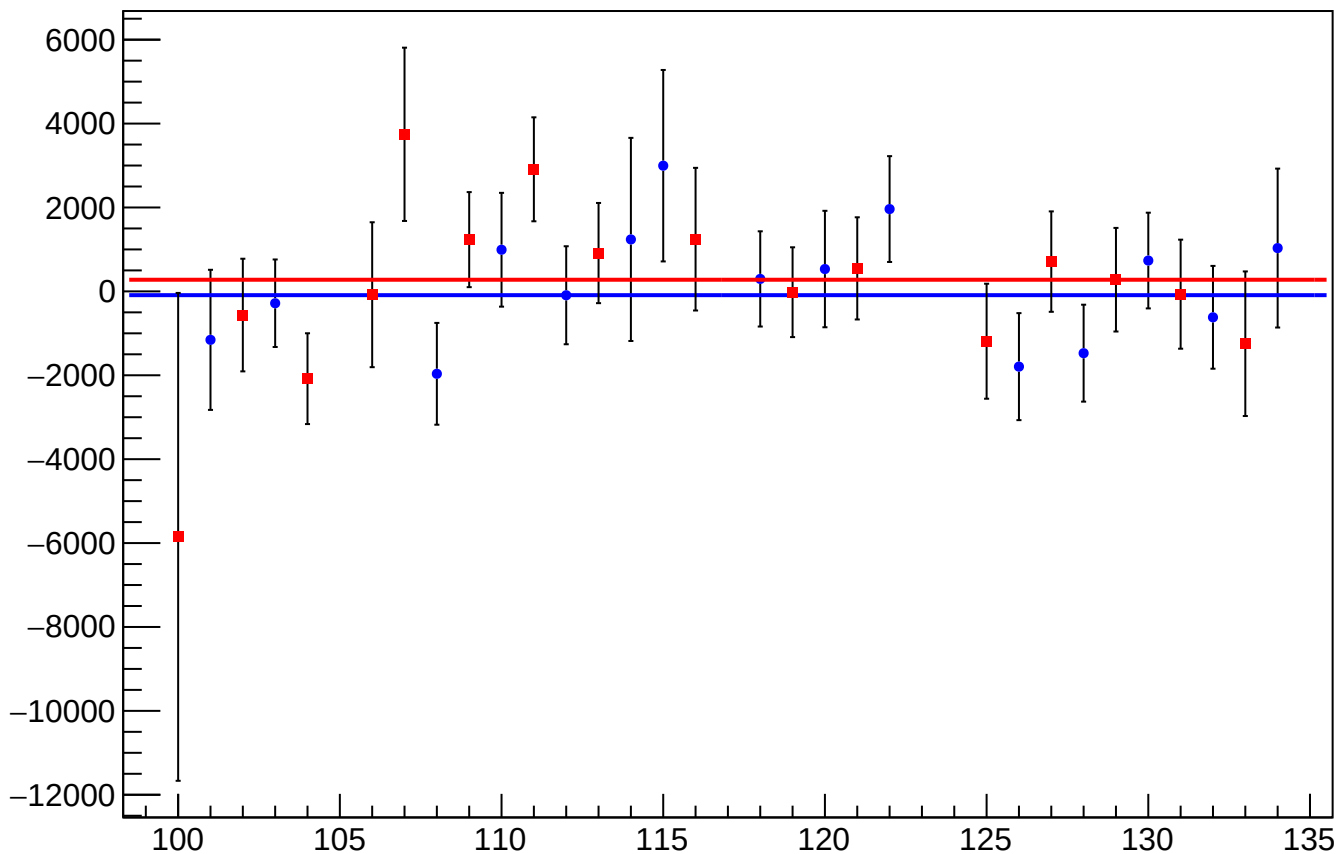
Right Out: 2396.807+/-0.481 χ^2/NDF : 916876.6/30

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

- 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: 277.370 ± 336.220 χ^2/NDF : 17.2/15

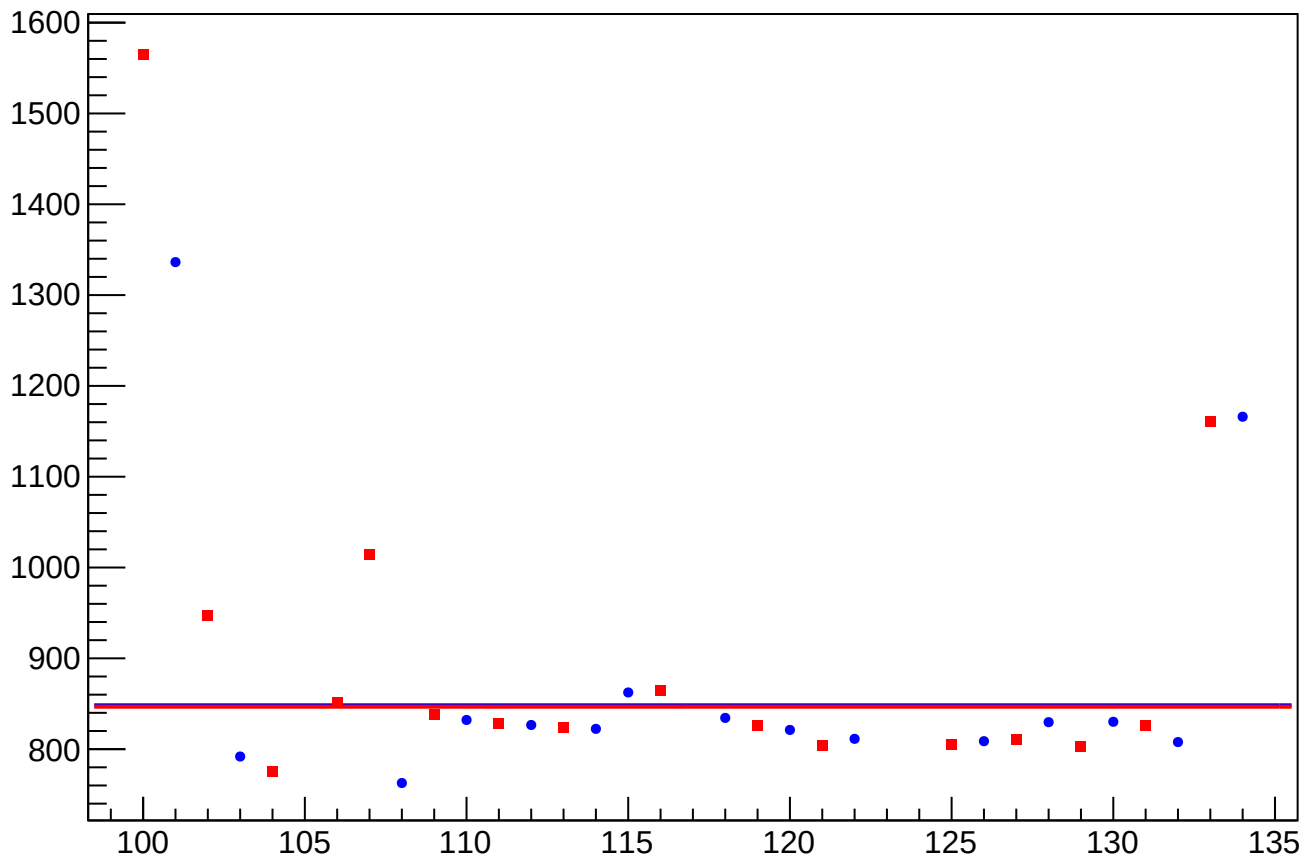
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 96.221 ± 239.442 χ^2/NDF : 30.6/30

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl2_dd_rms vs Slug



Right In: 848.305 $\pm$ 0.241 χ^2 /NDF: 252081.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 846.718 $\pm$ 0.237 χ^2 /NDF: 141171.4/15

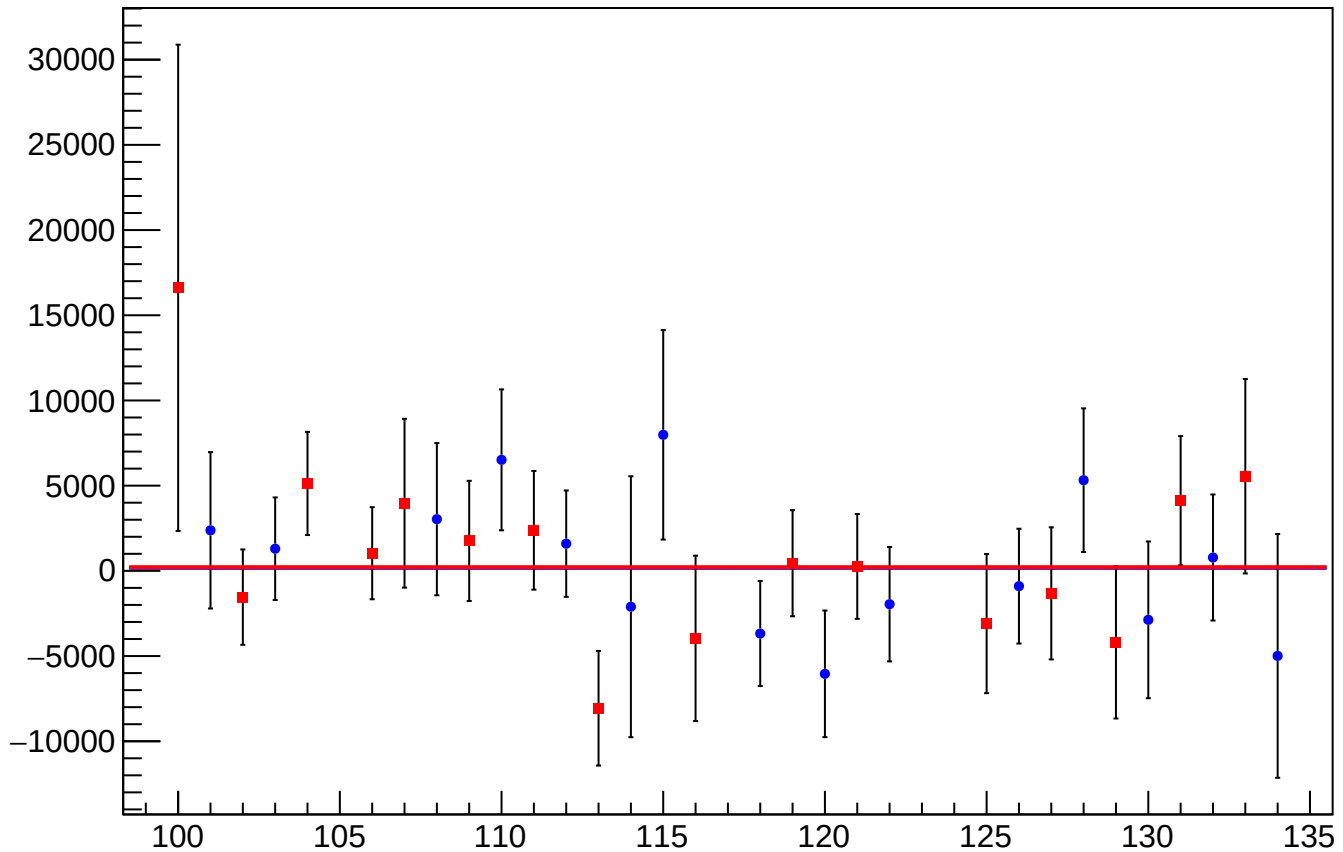
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 847.499 $\pm$ 0.169 χ^2 /NDF: 393275.1/30

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_dit_correction_mean vs Slug



Right In: 180.286 $\pm$ 1018.698 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 210.881 $\pm$ 913.295 χ^2 /NDF: 16.1/15

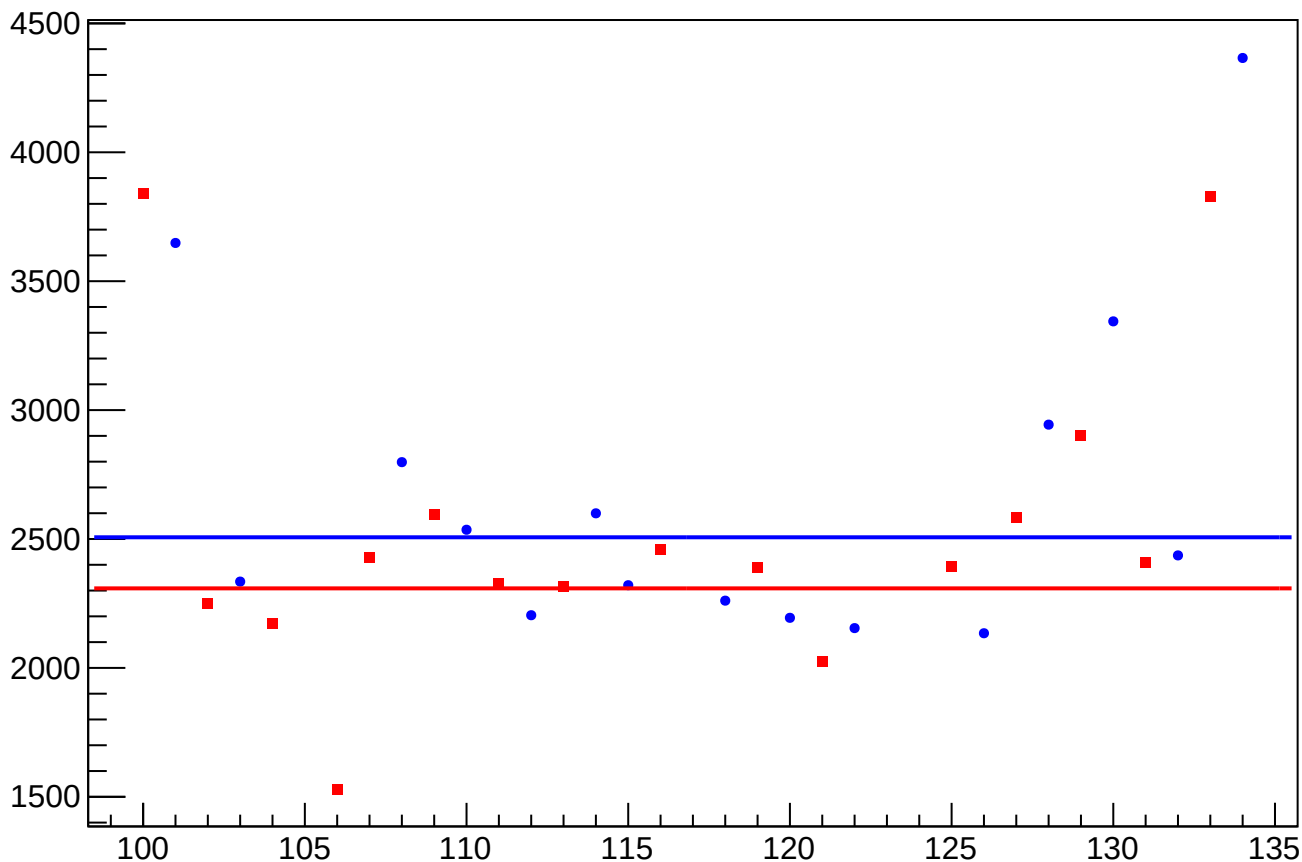
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 197.248 $\pm$ 680.018 χ^2 /NDF: 28.5/30

- sign 0.000 $\pm$ 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

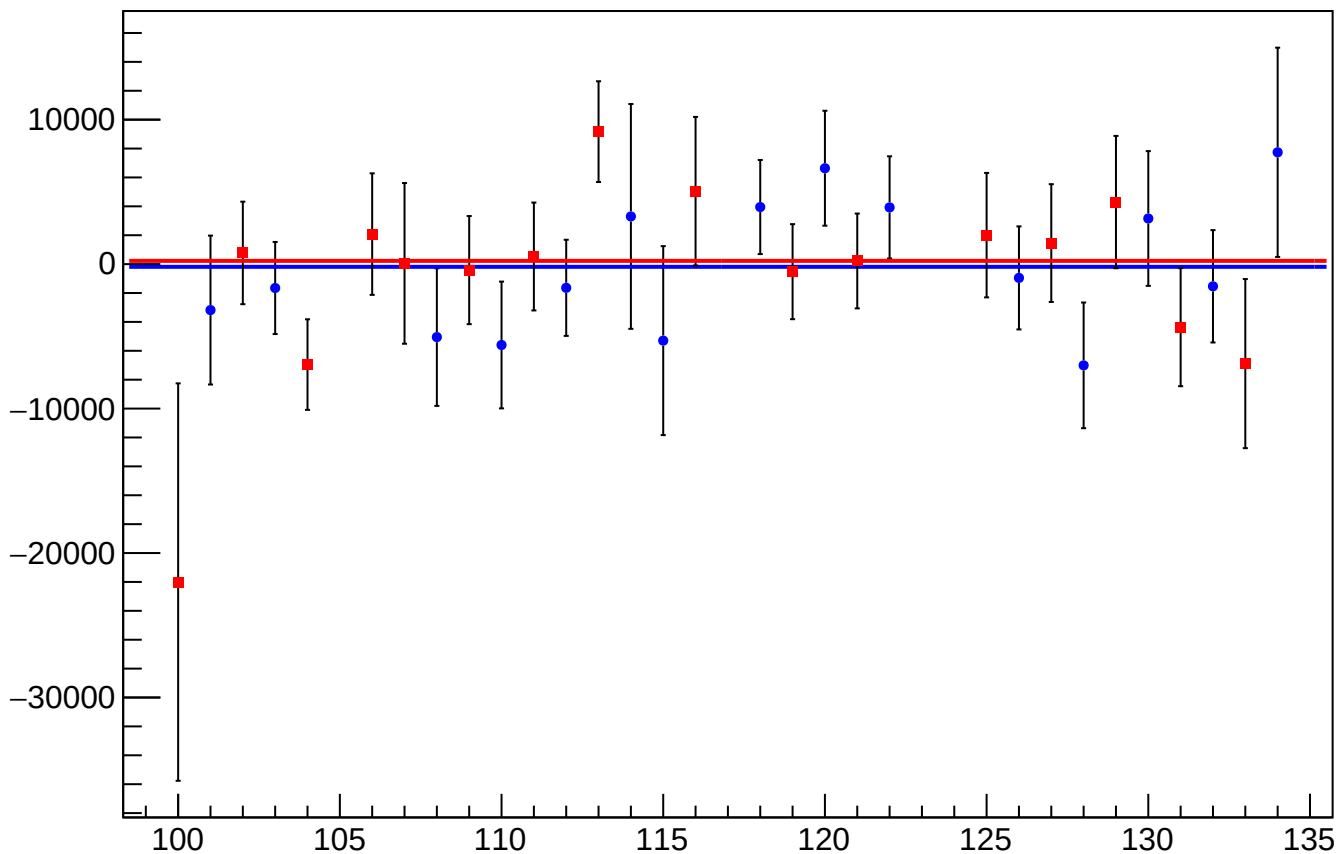
Right Out: 2396.799 $\pm$ 0.481 χ^2 /NDF: 916879.5/30

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- 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: 225.159+/-1012.994 χ^2/NDF : 19.4/15

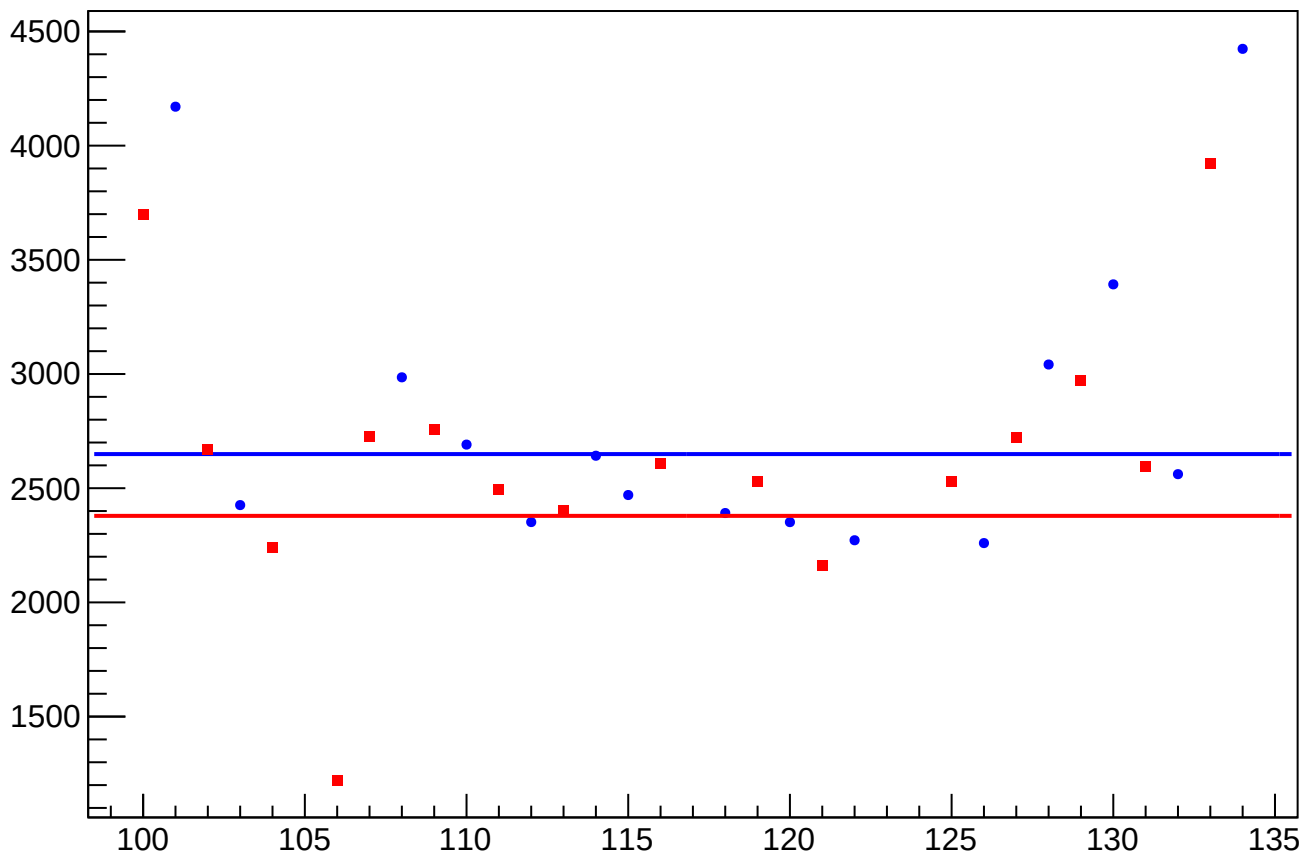
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.595+/-737.816 χ^2/NDF : 33.9/30

- 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: 2378.875+/-0.682 χ^2/NDF : 698908.3/15

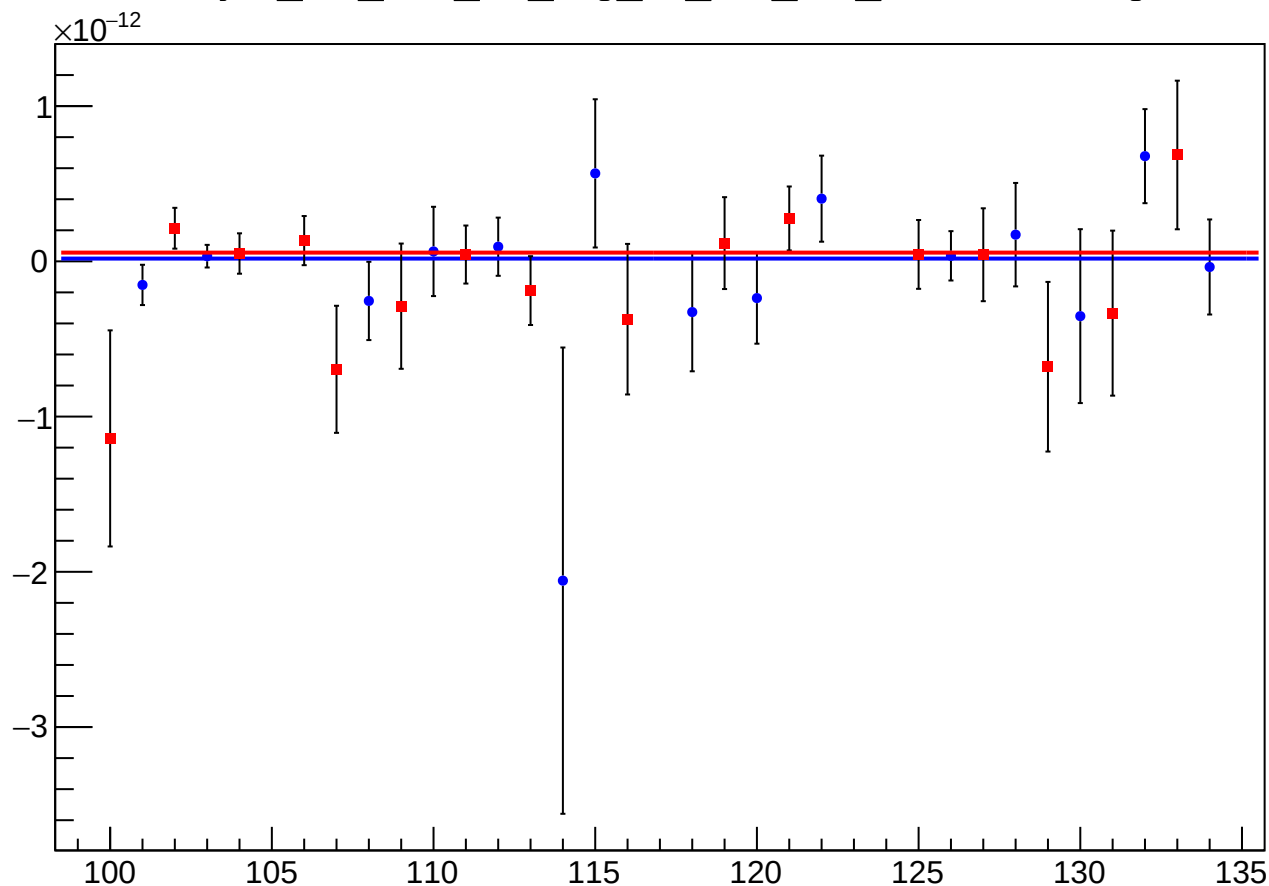
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2499.308+/-0.508 χ^2/NDF : 1239180.5/30

- 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 $\pm$ 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: 16.0/15

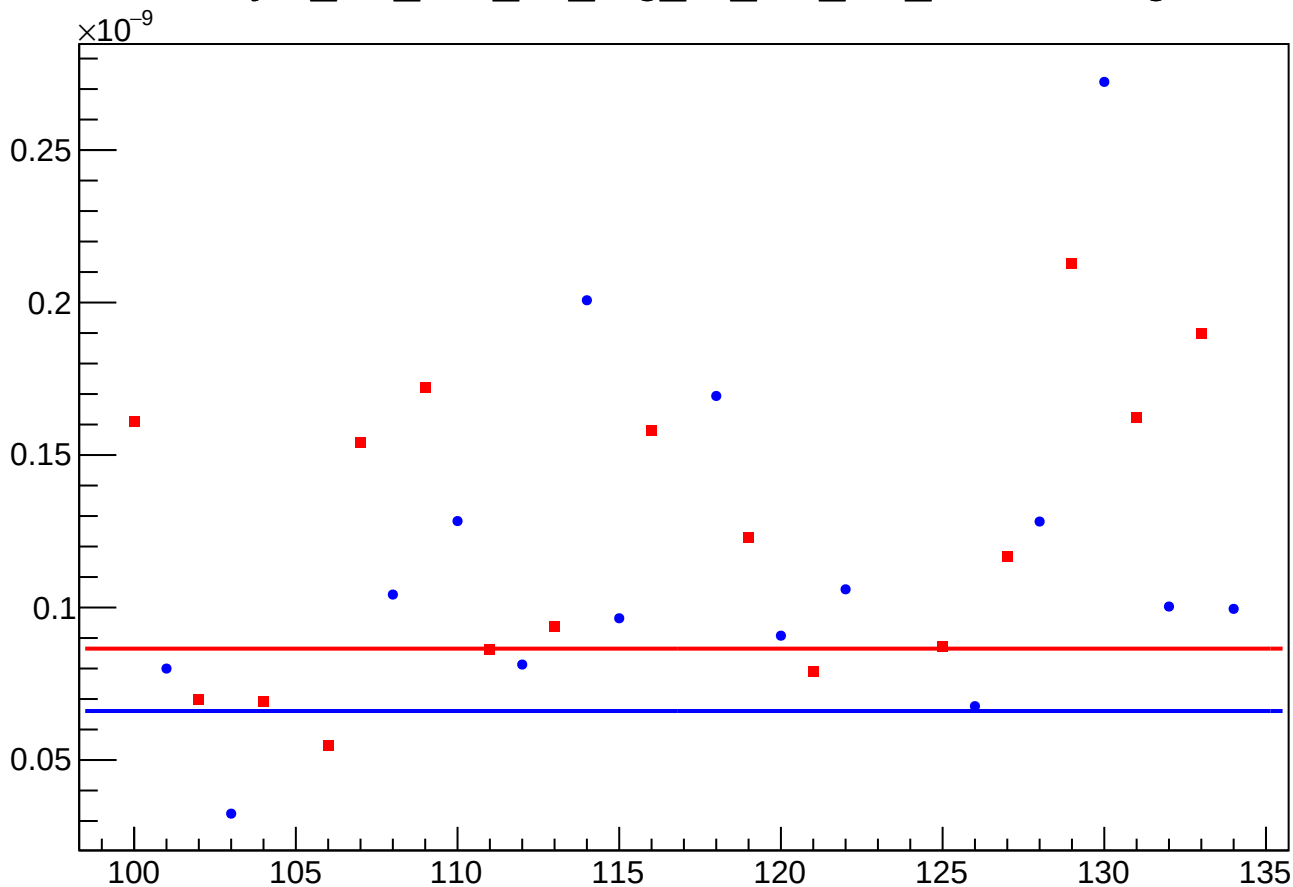
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 31.5/30

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1218872.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 655298.2/15

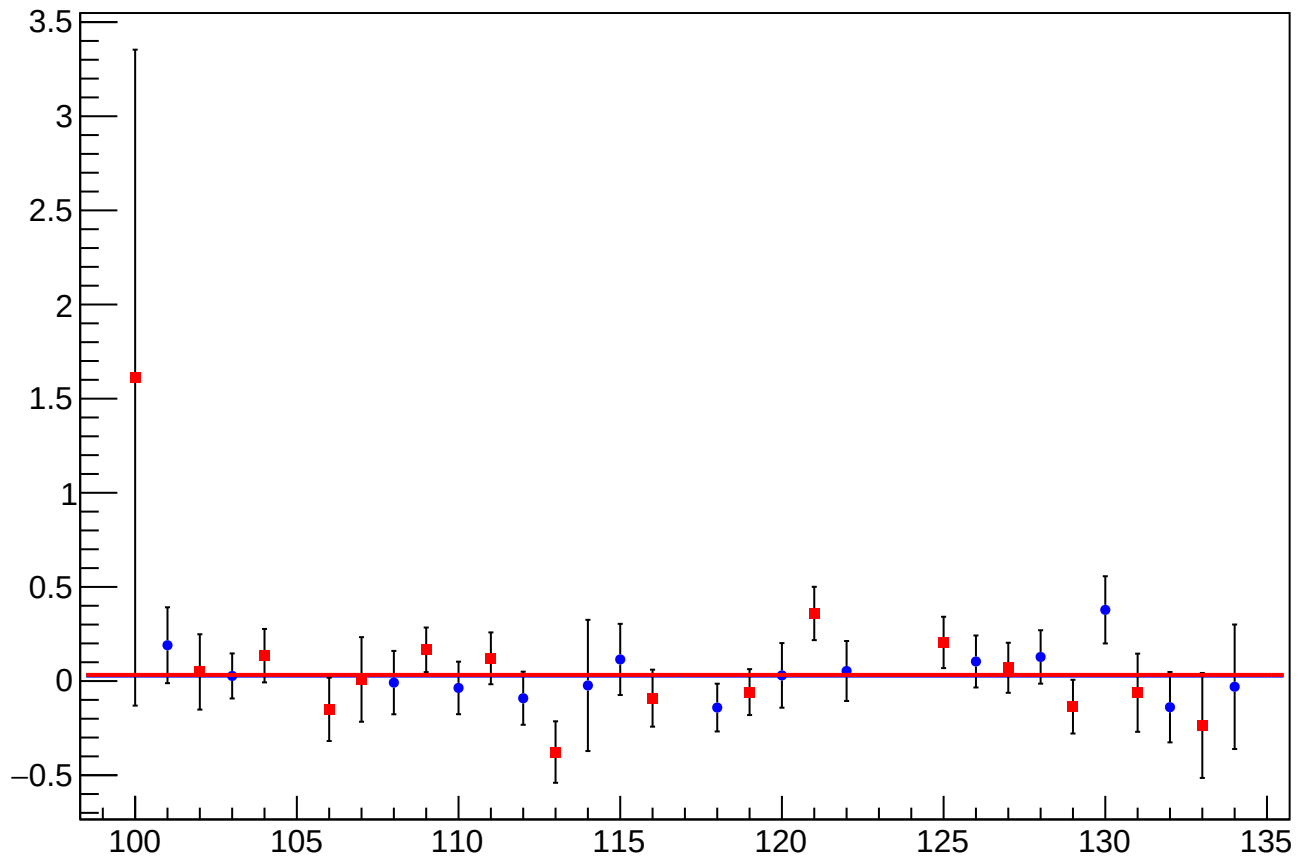
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2020248.7/30

- sign 0.000+/-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: 0.033 $\pm$ 0.039 χ^2 /NDF: 21.3/15

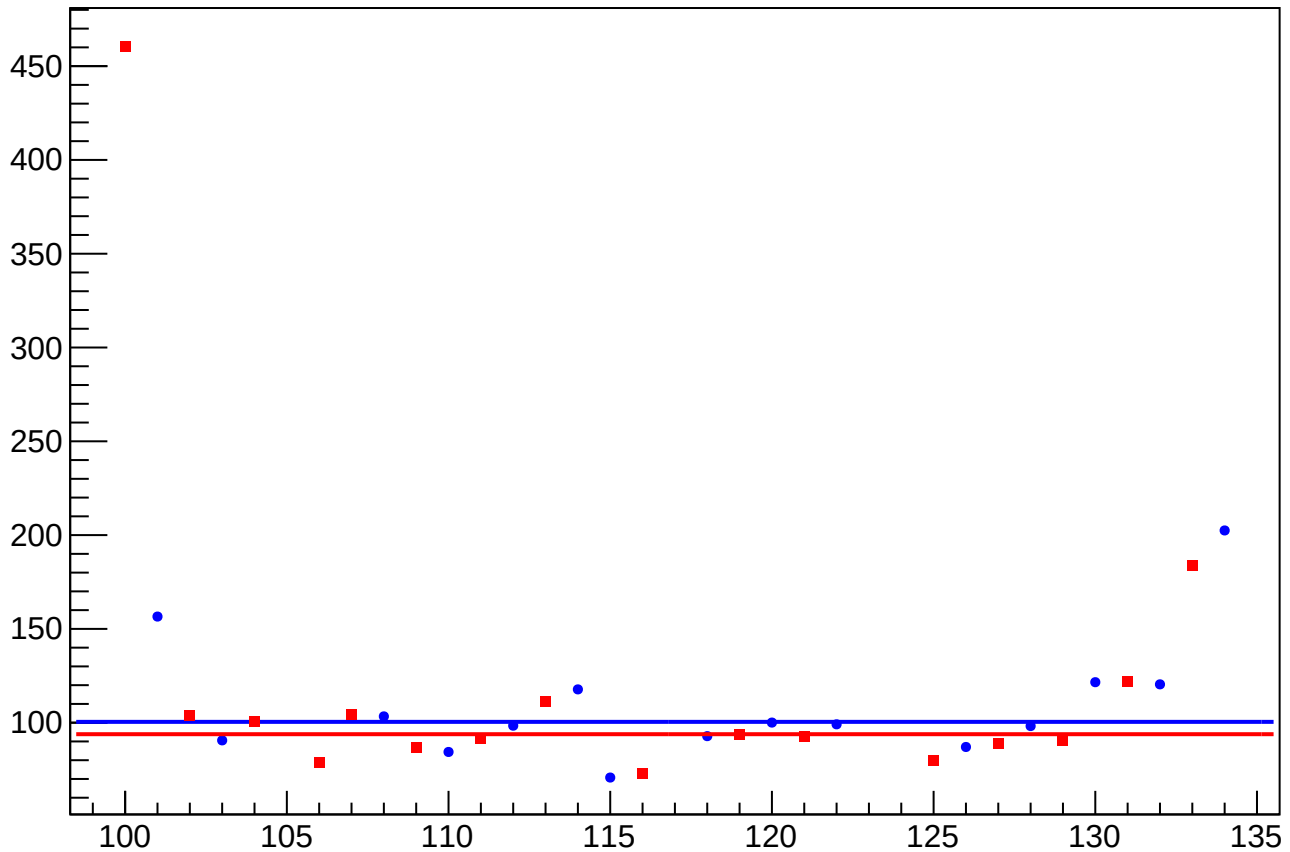
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.031 $\pm$ 0.029 χ^2 /NDF: 30.4/30

- 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 $\pm$ 0.029 χ^2 /NDF: 518631.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 93.866 $\pm$ 0.028 χ^2 /NDF: 456171.5/15

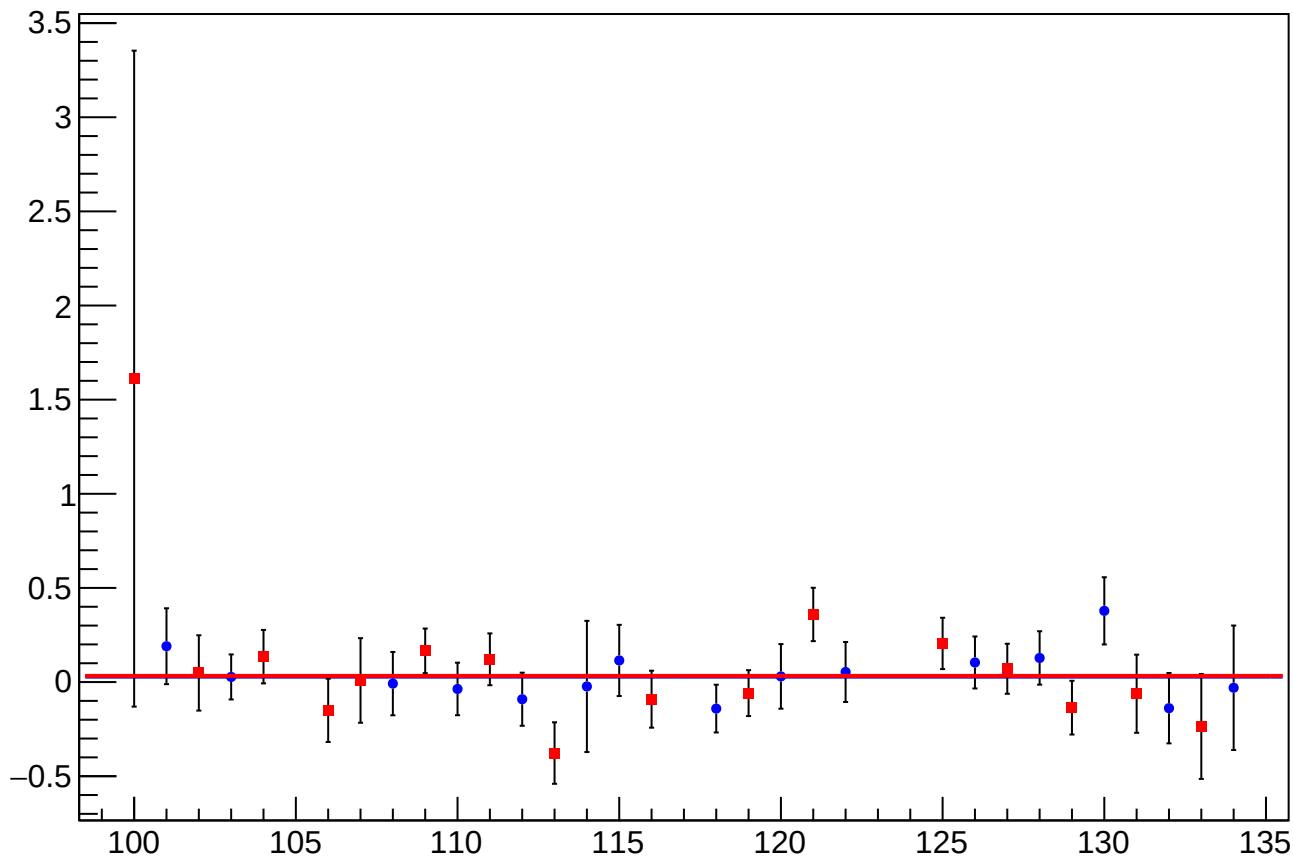
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 96.956 $\pm$ 0.020 χ^2 /NDF: 1001136.7/30

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_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: 0.033+/-0.039 χ^2/NDF : 21.3/15

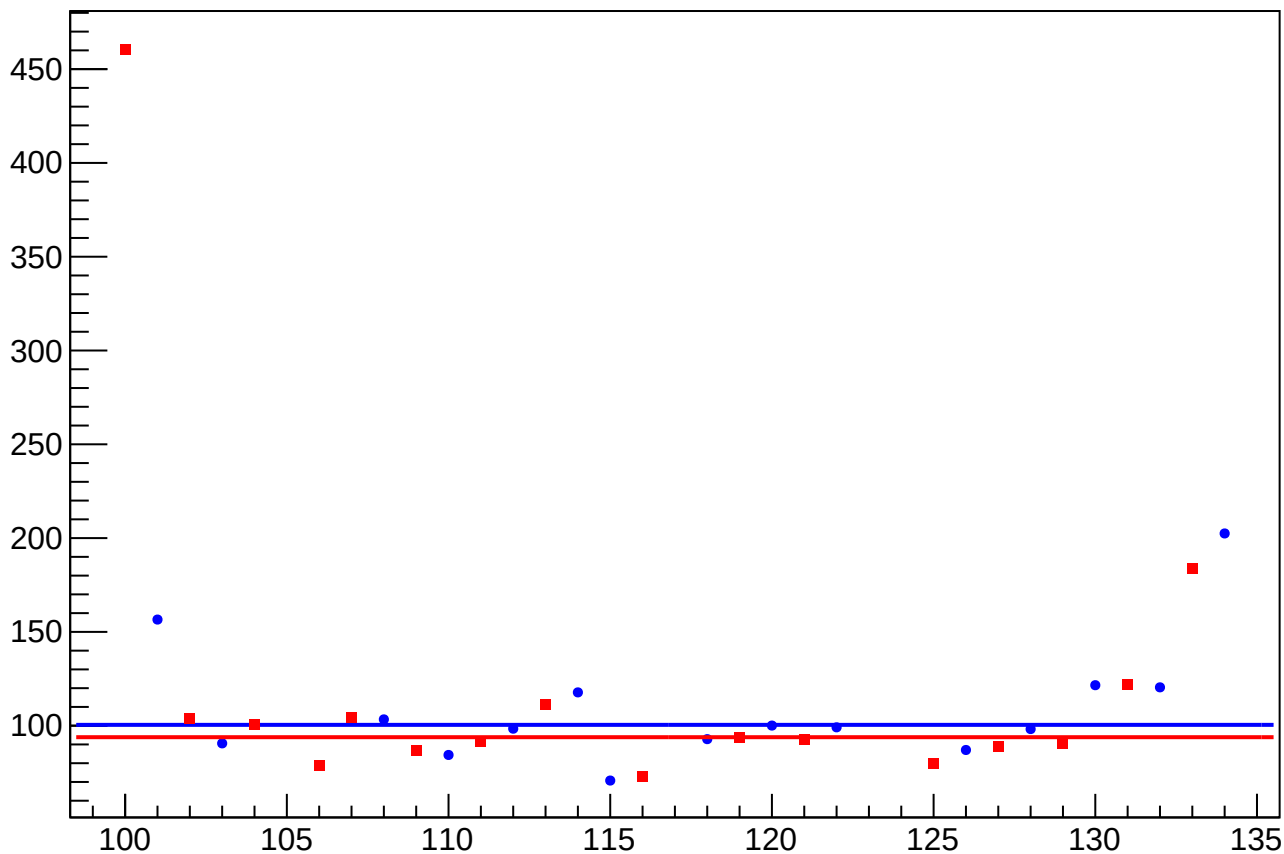
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.029 χ^2/NDF : 30.4/30

- sign 0.000+/-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: 93.866+/-0.028 χ^2/NDF : 456171.5/15

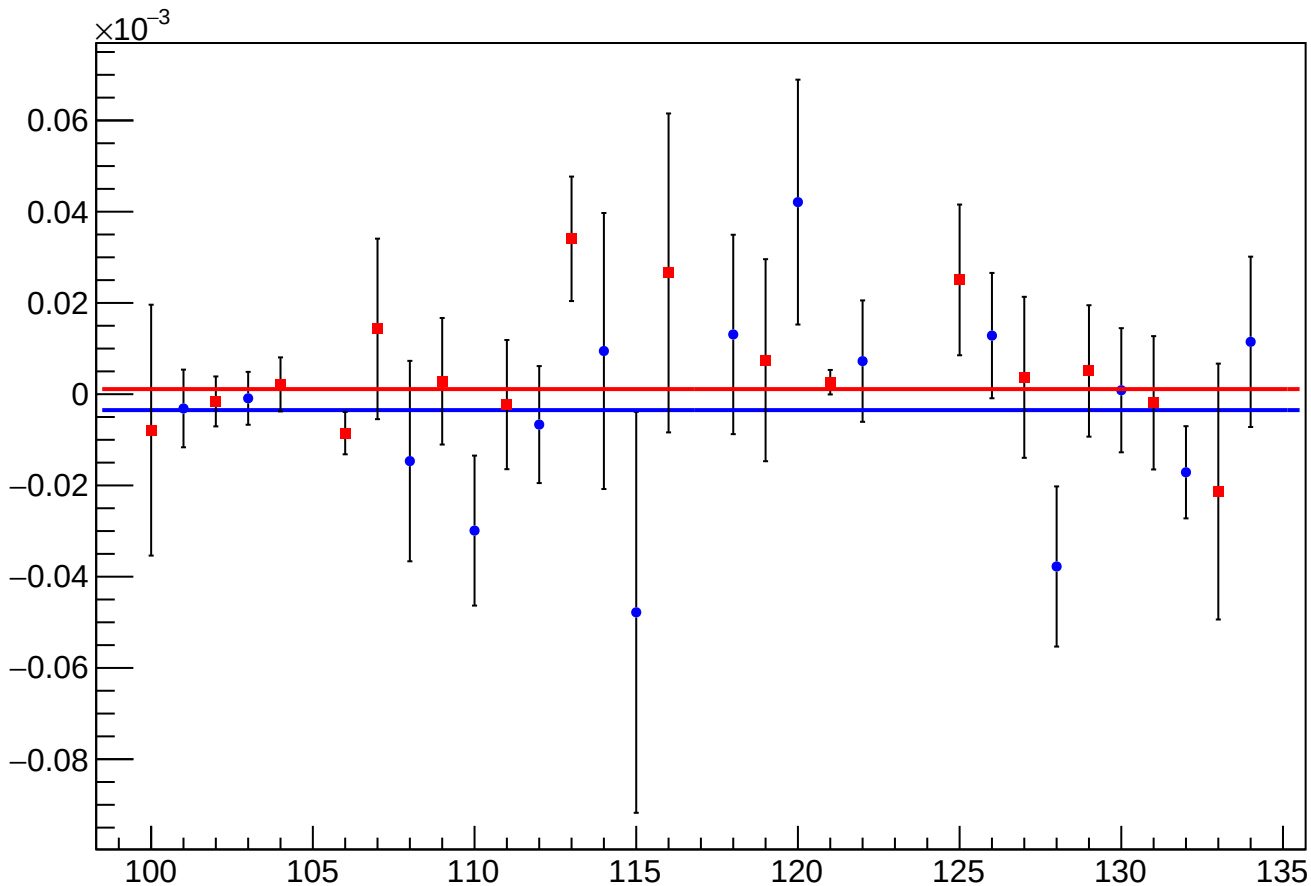
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.956+/-0.020 χ^2/NDF : 1001136.7/30

- 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 ± 0.000 χ^2/NDF : 16.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 14.8/15

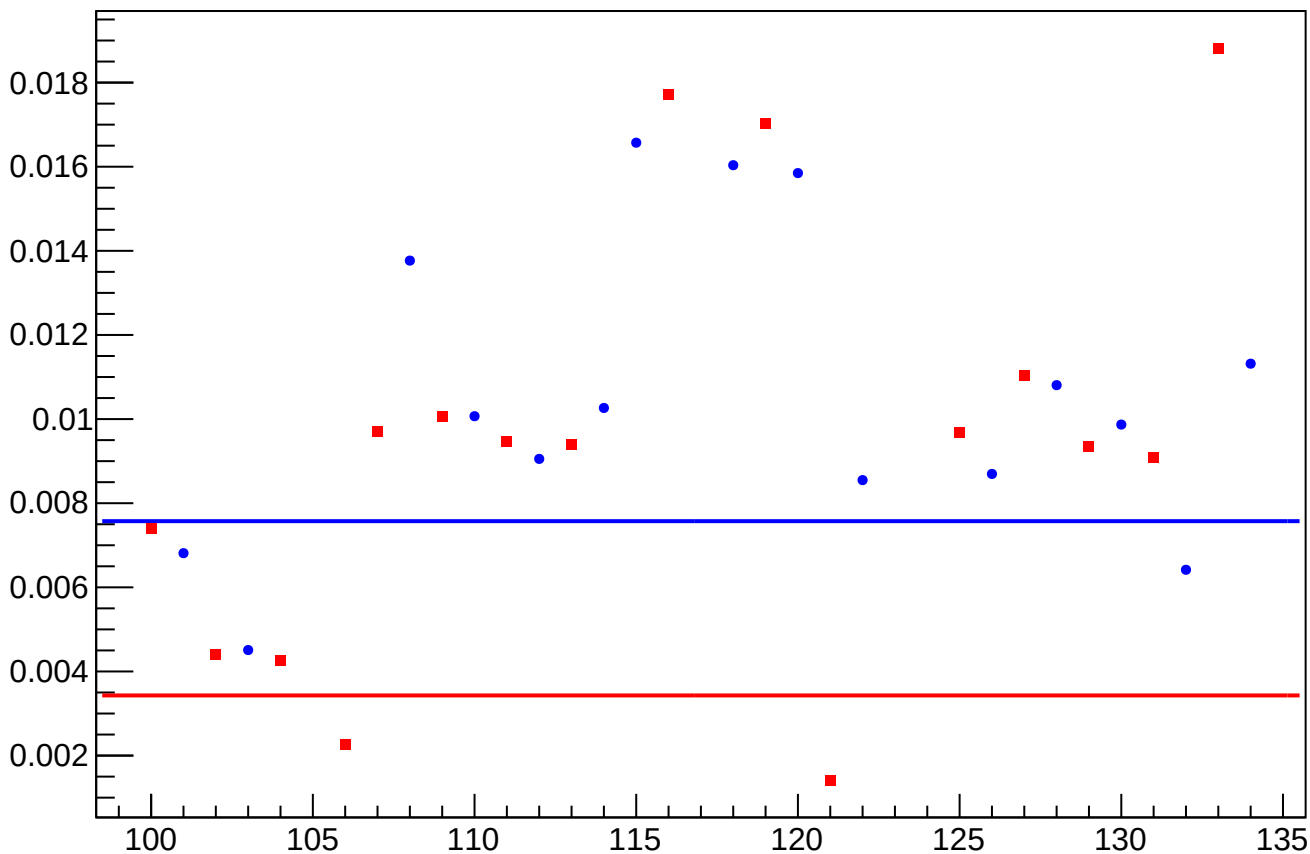
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 32.5/30

- sign 0.000 ± 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: 0.003+/-0.000 χ^2/NDF : 5799340.5/15

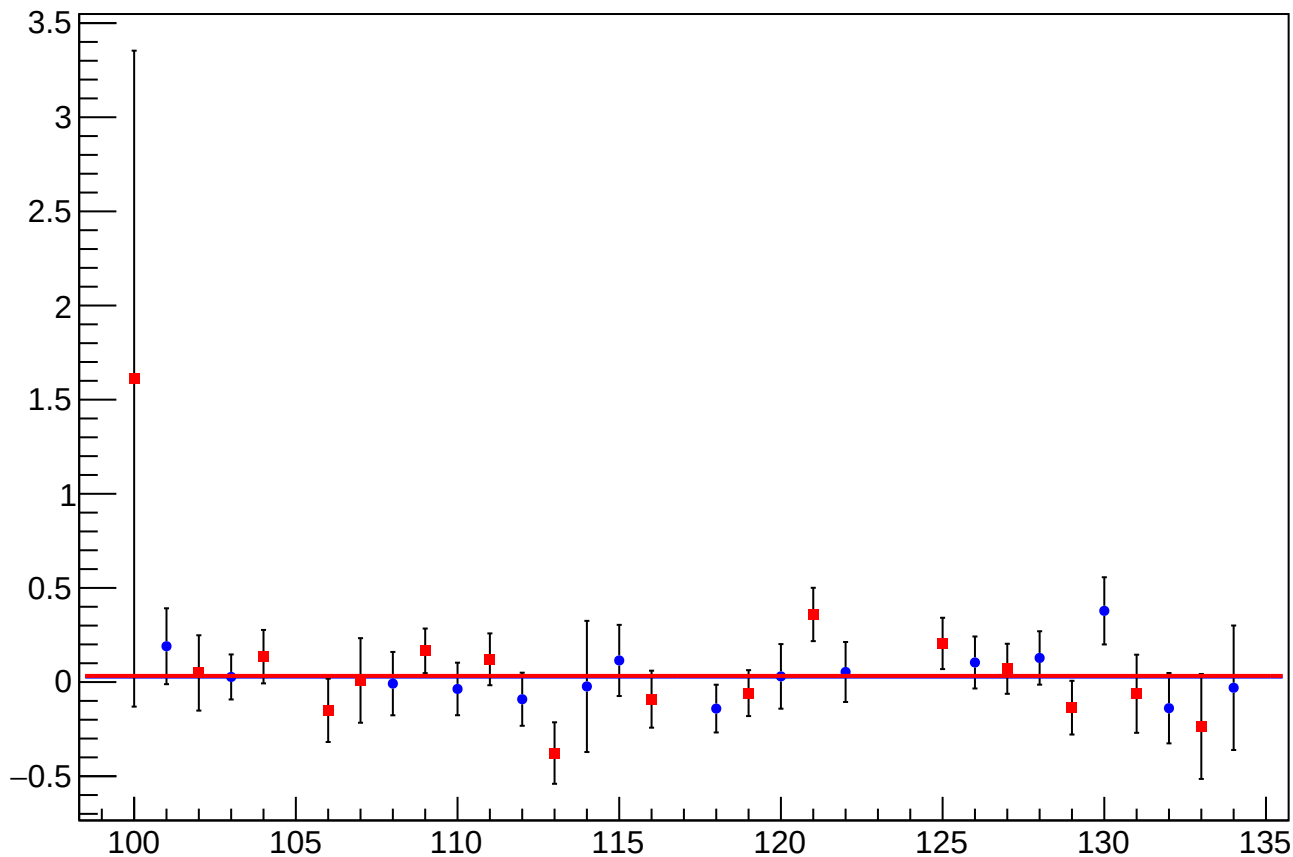
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 9858094.8/30

- 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+/-0.042 χ^2/NDF : 9.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.033+/-0.039 χ^2/NDF : 21.3/15

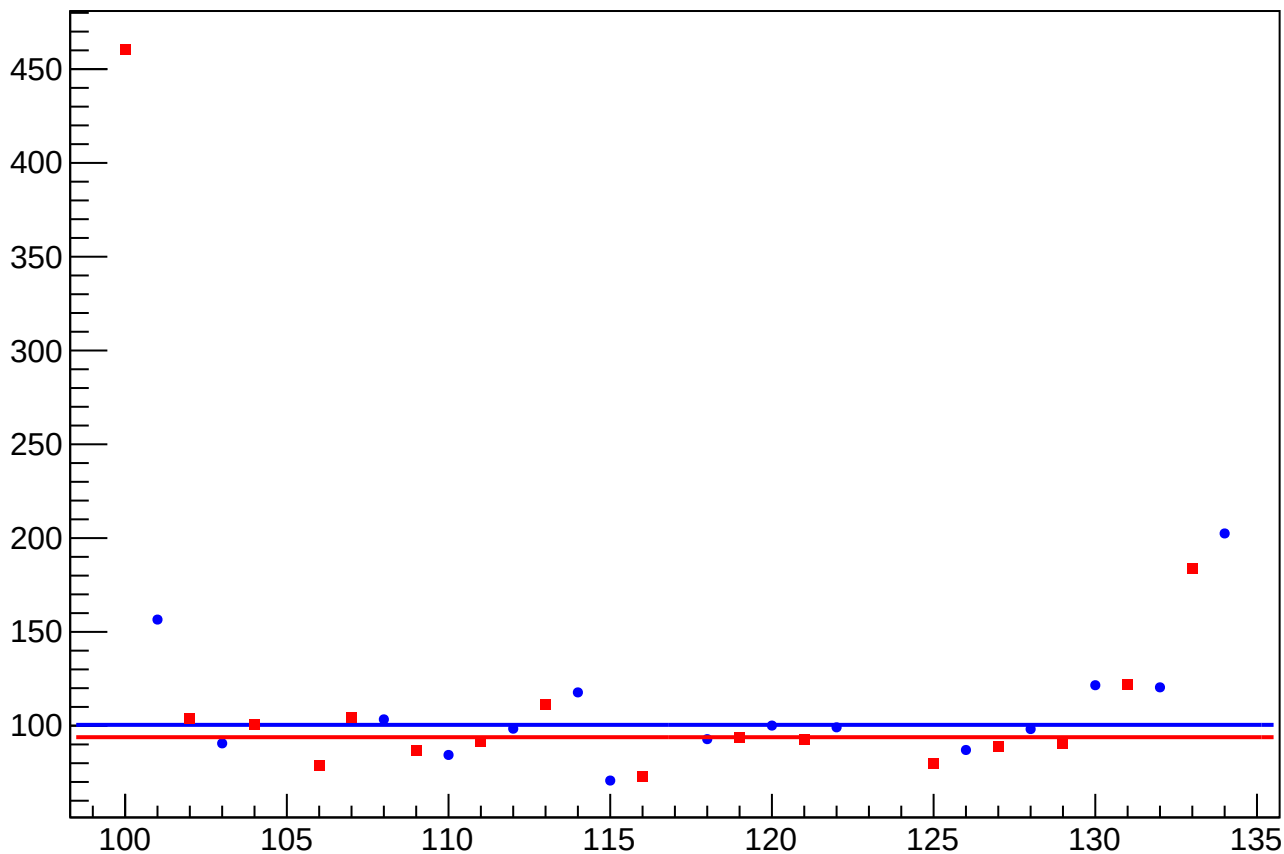
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.029 χ^2/NDF : 30.4/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_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: 93.867 $\pm$ 0.028 χ^2 /NDF: 456098.6/15

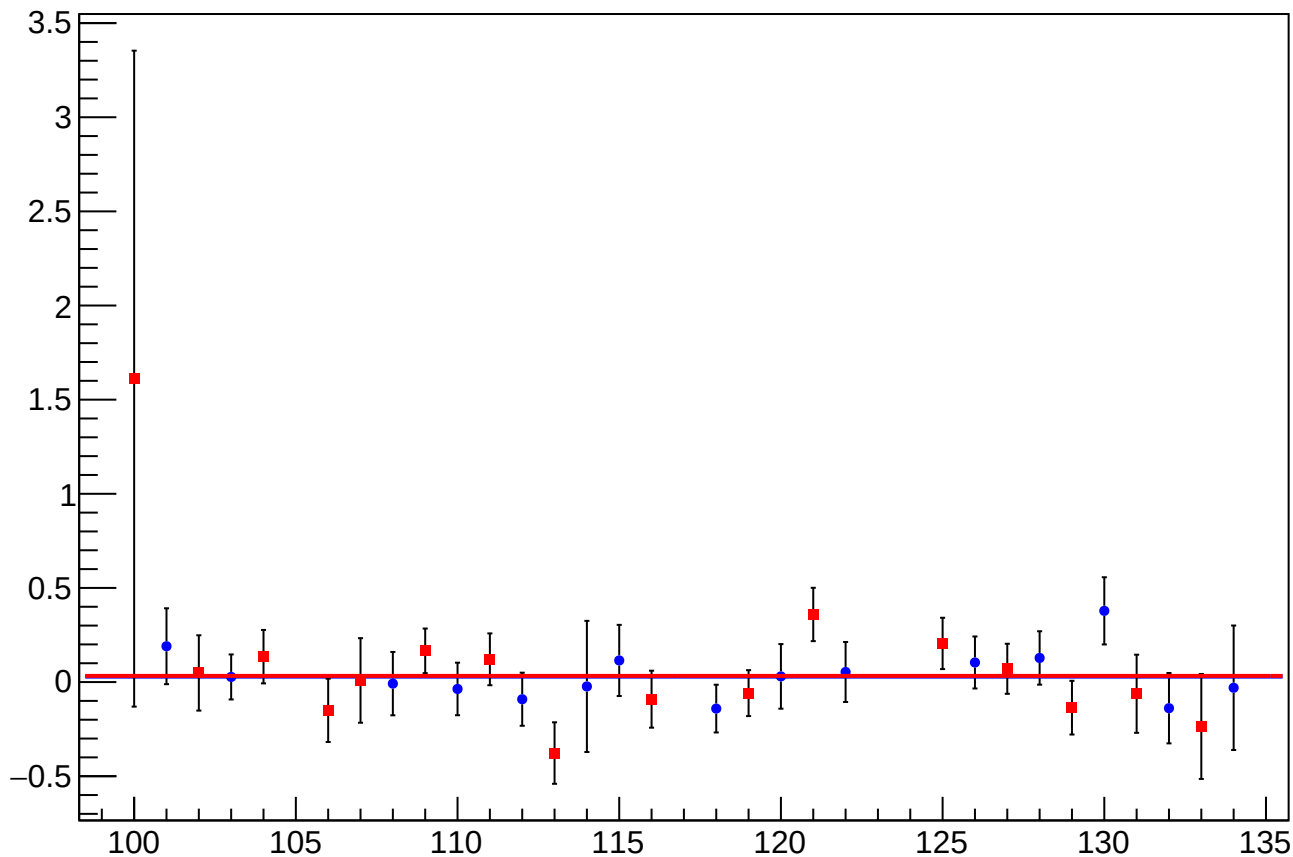
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 96.957 $\pm$ 0.020 χ^2 /NDF: 1001008.8/30

- sign 0.000 $\pm$ 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: 0.033+/-0.039 χ^2/NDF : 21.3/15

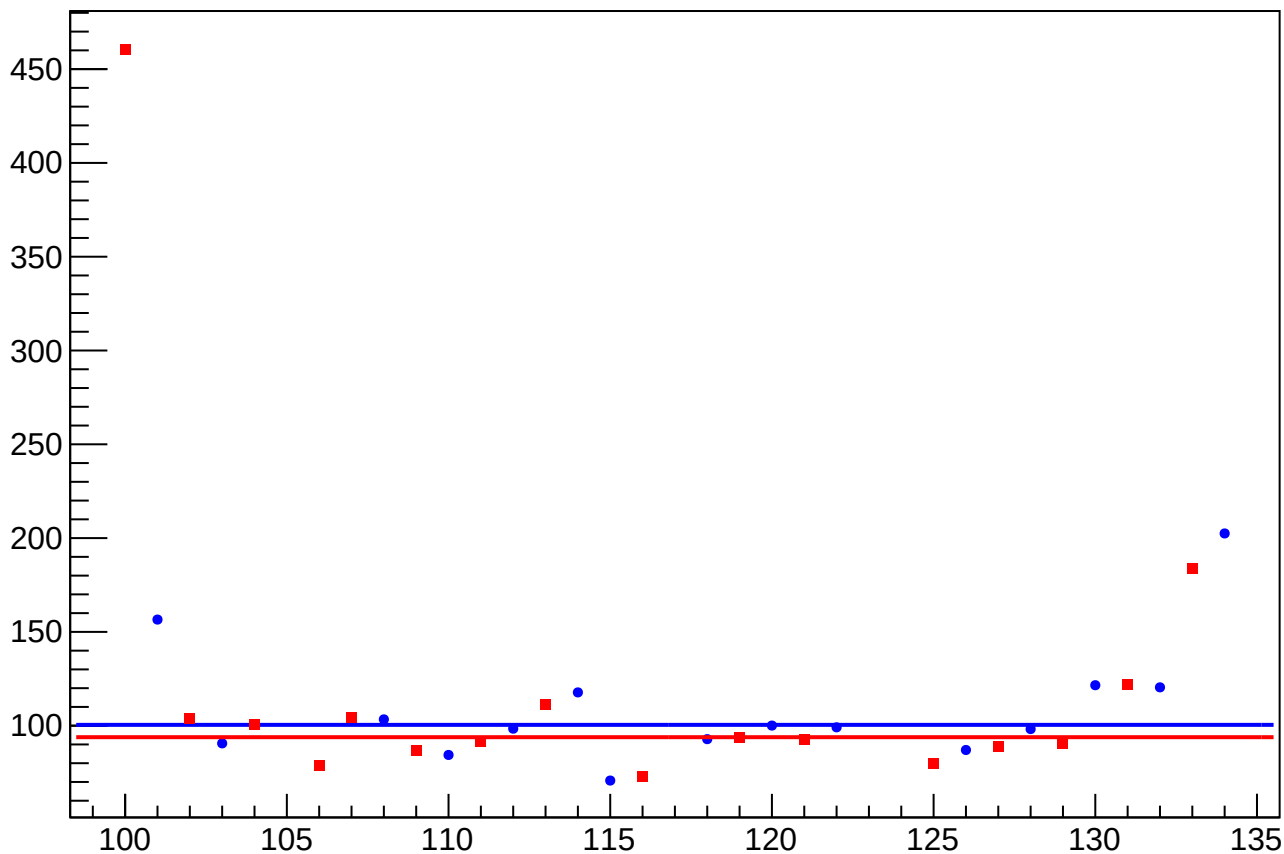
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.029 χ^2/NDF : 30.4/30

- 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: 93.867 $\pm$ 0.028 χ^2 /NDF: 456098.6/15

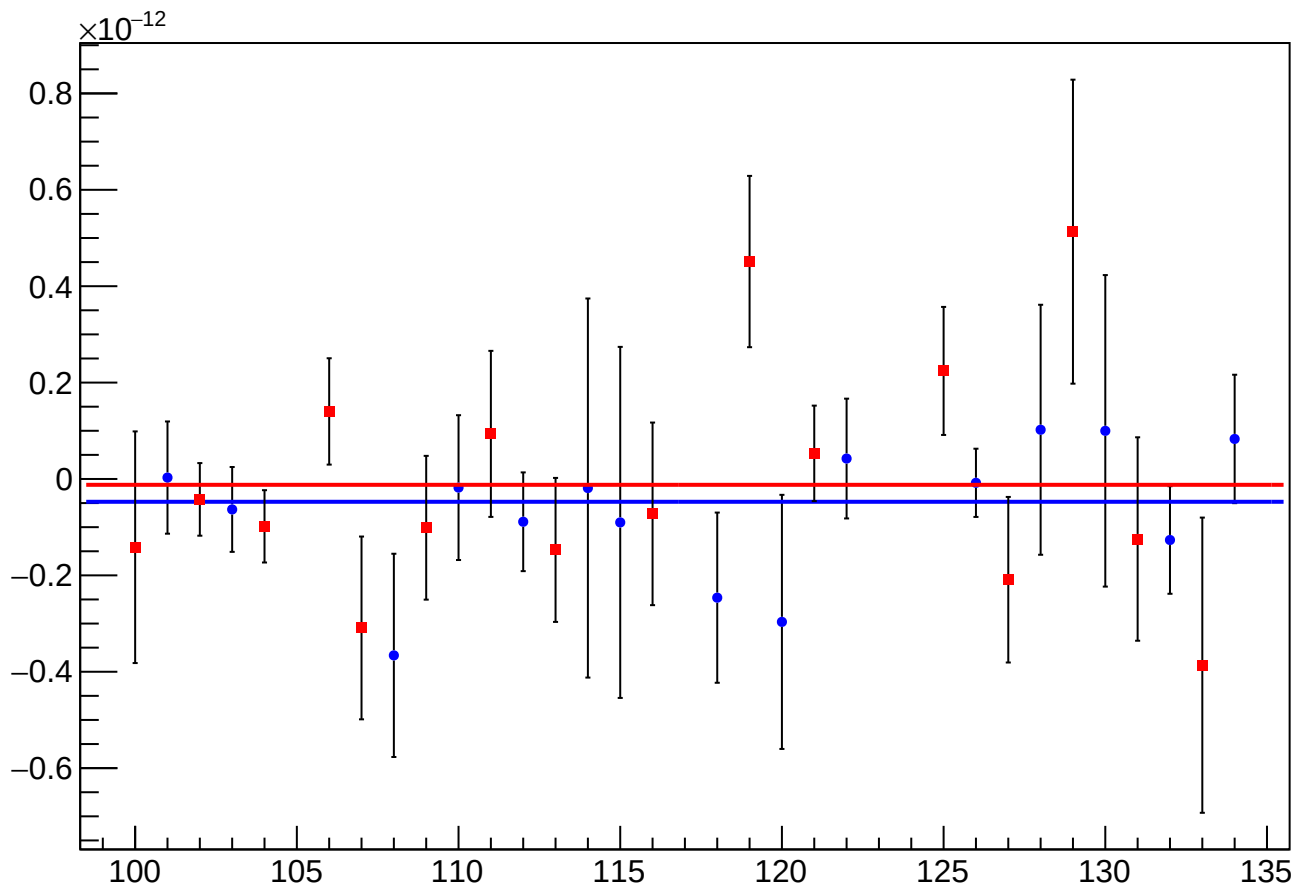
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 96.957 $\pm$ 0.020 χ^2 /NDF: 1001008.8/30

- 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 : 24.0/15

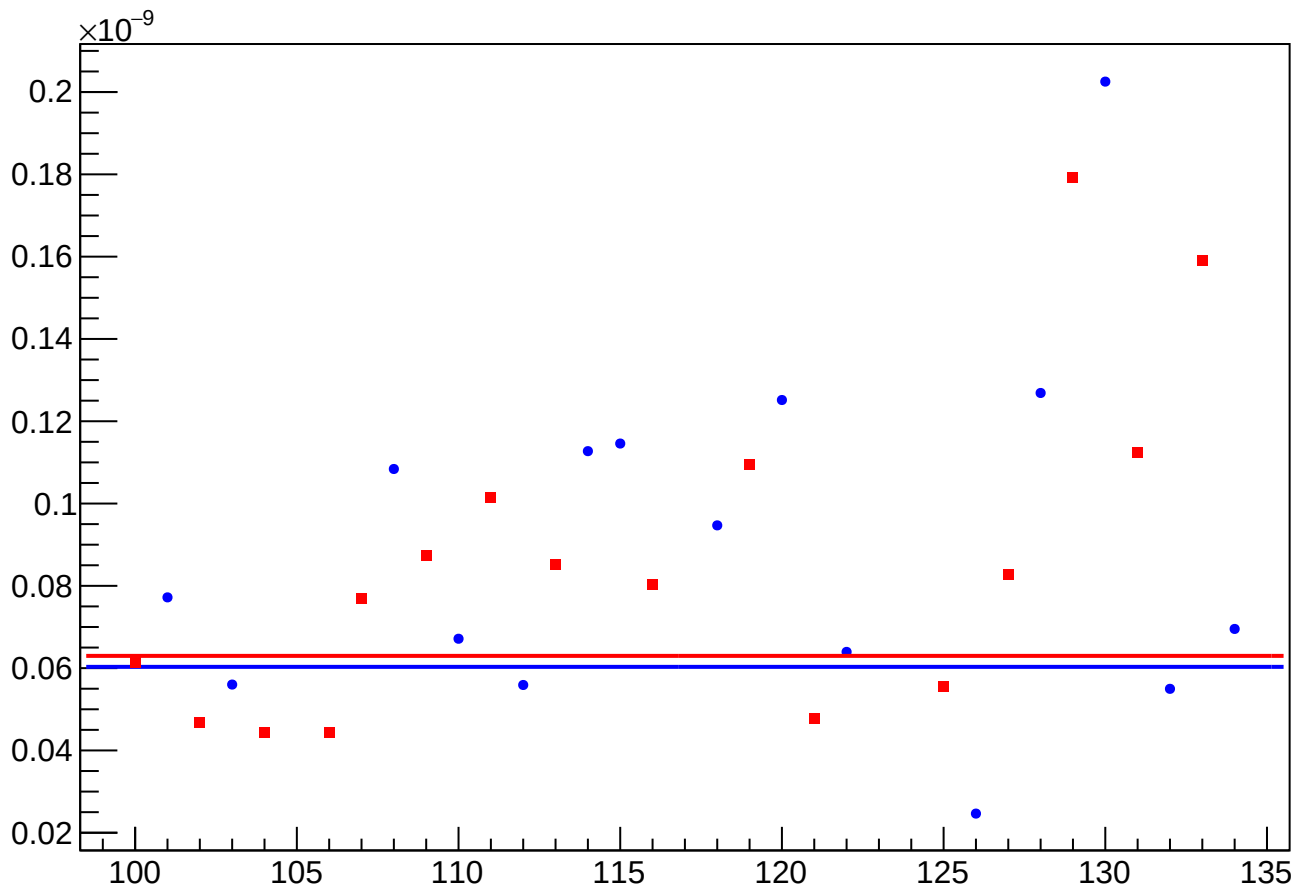
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.3/30

- 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: 1295477.0/15

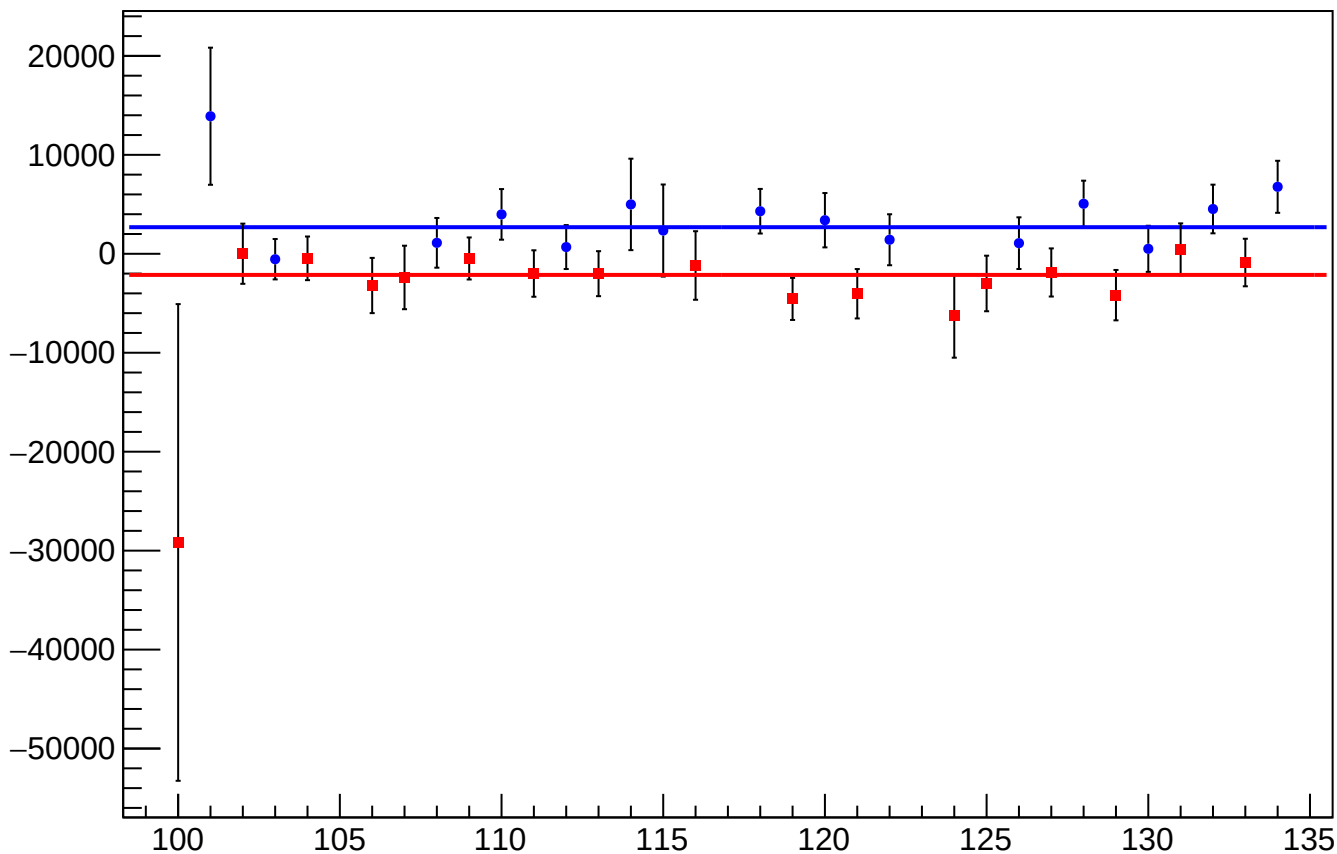
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2779506.9/30

- 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: -2134.364+/-641.836 χ^2/NDF : 8.0/16

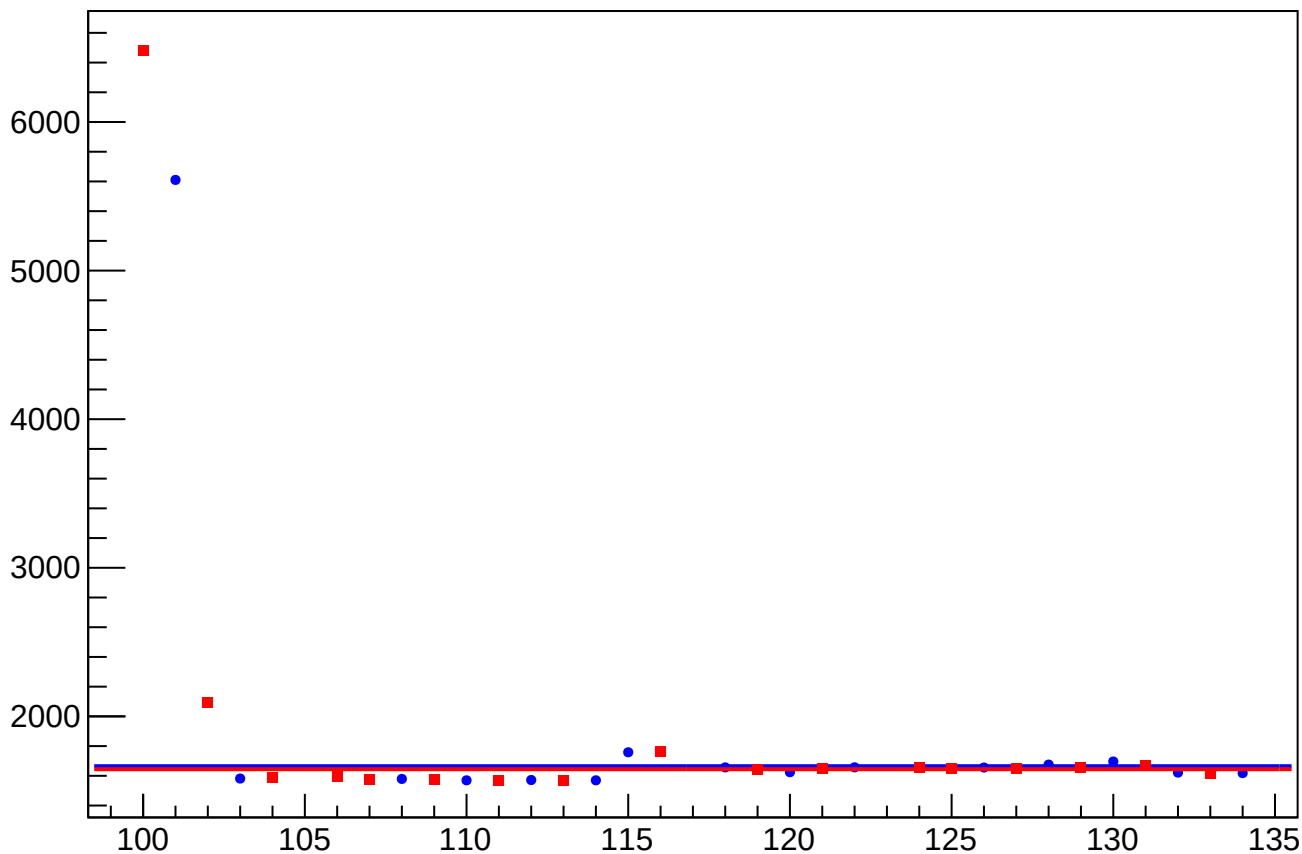
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.388+/-466.249 χ^2/NDF : 47.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_avg_rms vs Slug



Right In: 1664.587+/-0.480 χ^2/NDF : 664245.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1644.519+/-0.454 χ^2/NDF : 136810.5/16

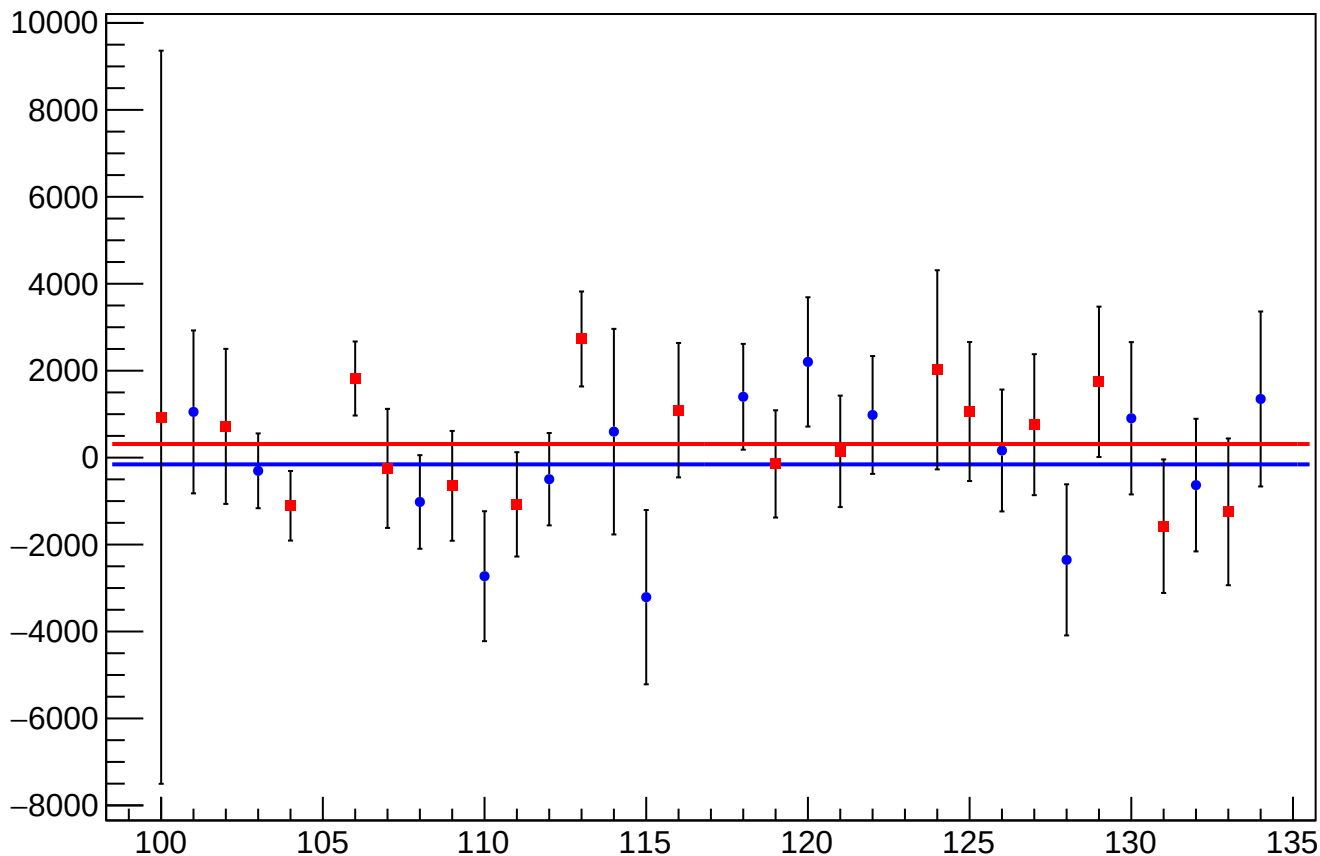
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1653.997+/-0.330 χ^2/NDF : 801979.4/31

- sign 0.000+/-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: 312.933+/-320.910 χ^2/NDF : 17.6/16

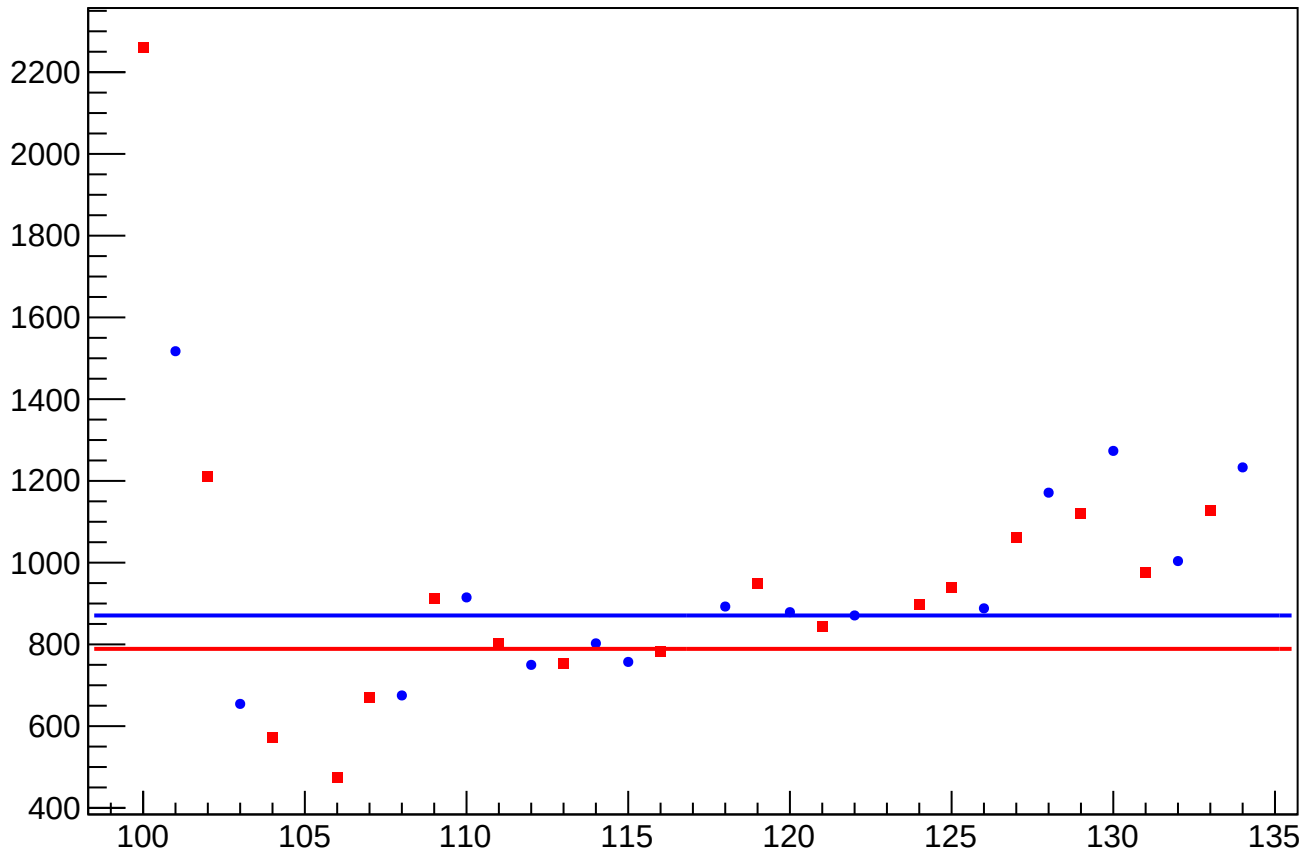
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.874+/-239.165 χ^2/NDF : 32.7/31

- 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

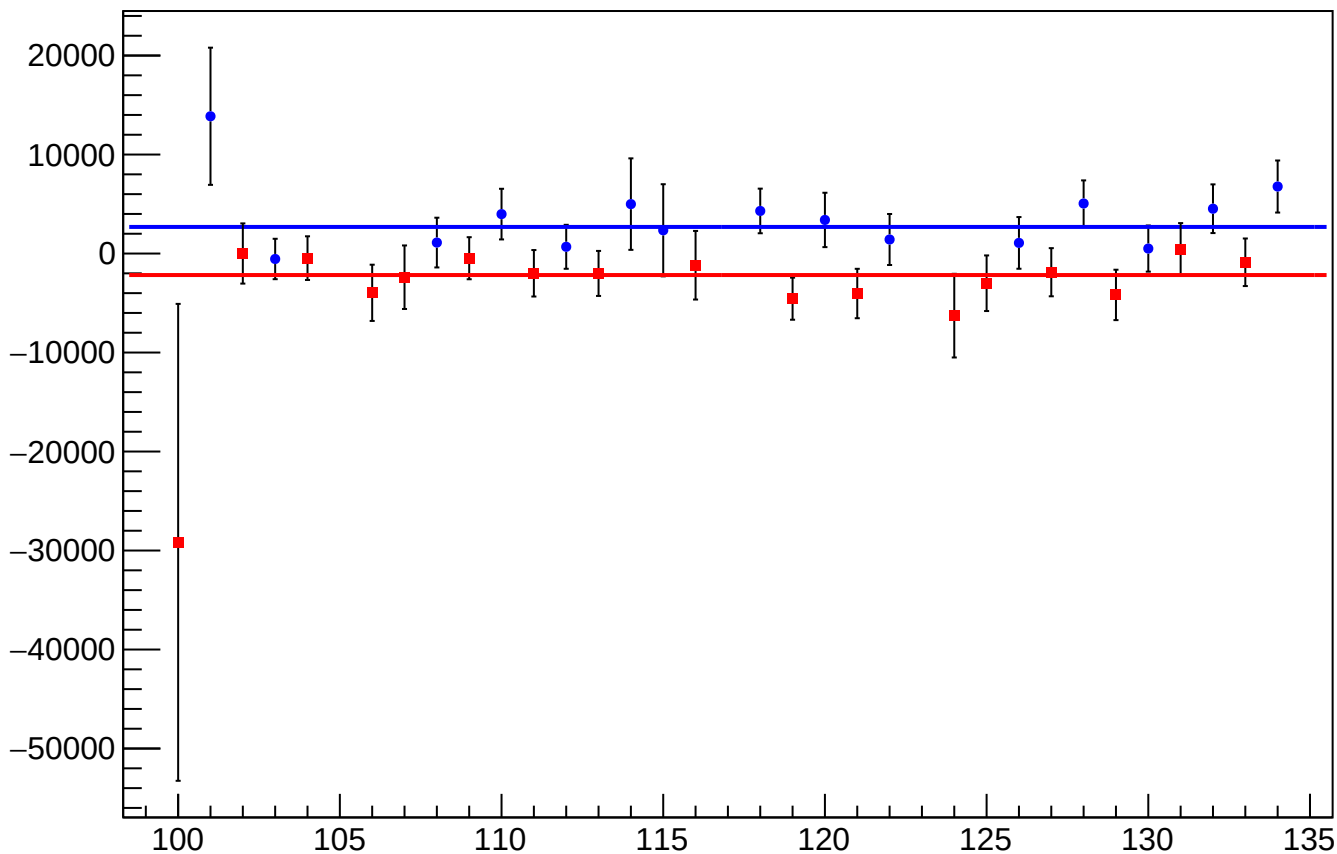
Right Out: 789.057+/-0.227 χ^2/NDF : 928364.5/16

All: 825.378+/-0.169 χ^2/NDF : 1698537.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -2171.899 $\pm$ 642.421 χ^2 /NDF: 8.3/16

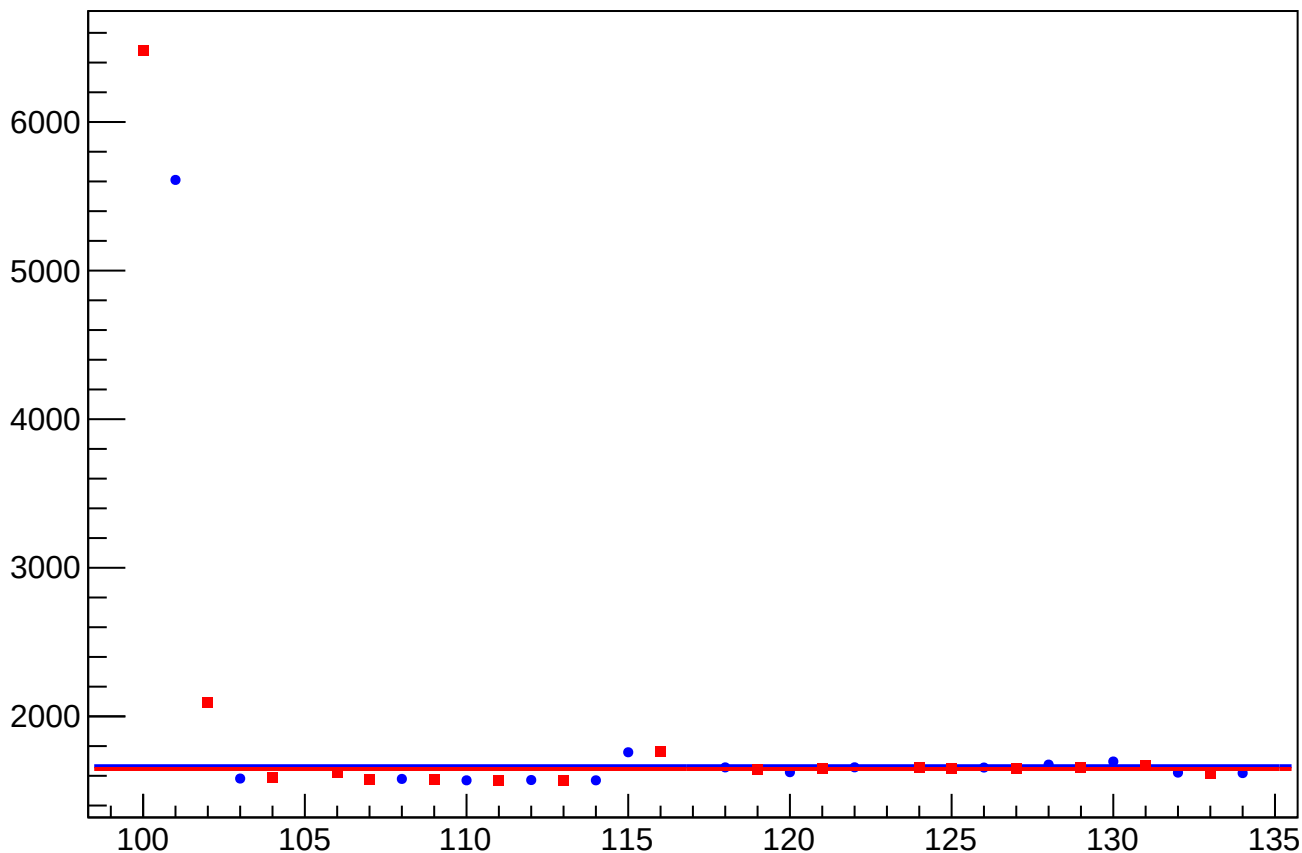
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 125.484 $\pm$ 466.473 χ^2 /NDF: 48.3/31

- 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: 1645.967 $\pm$ 0.454 χ^2 /NDF: 136279.4/16

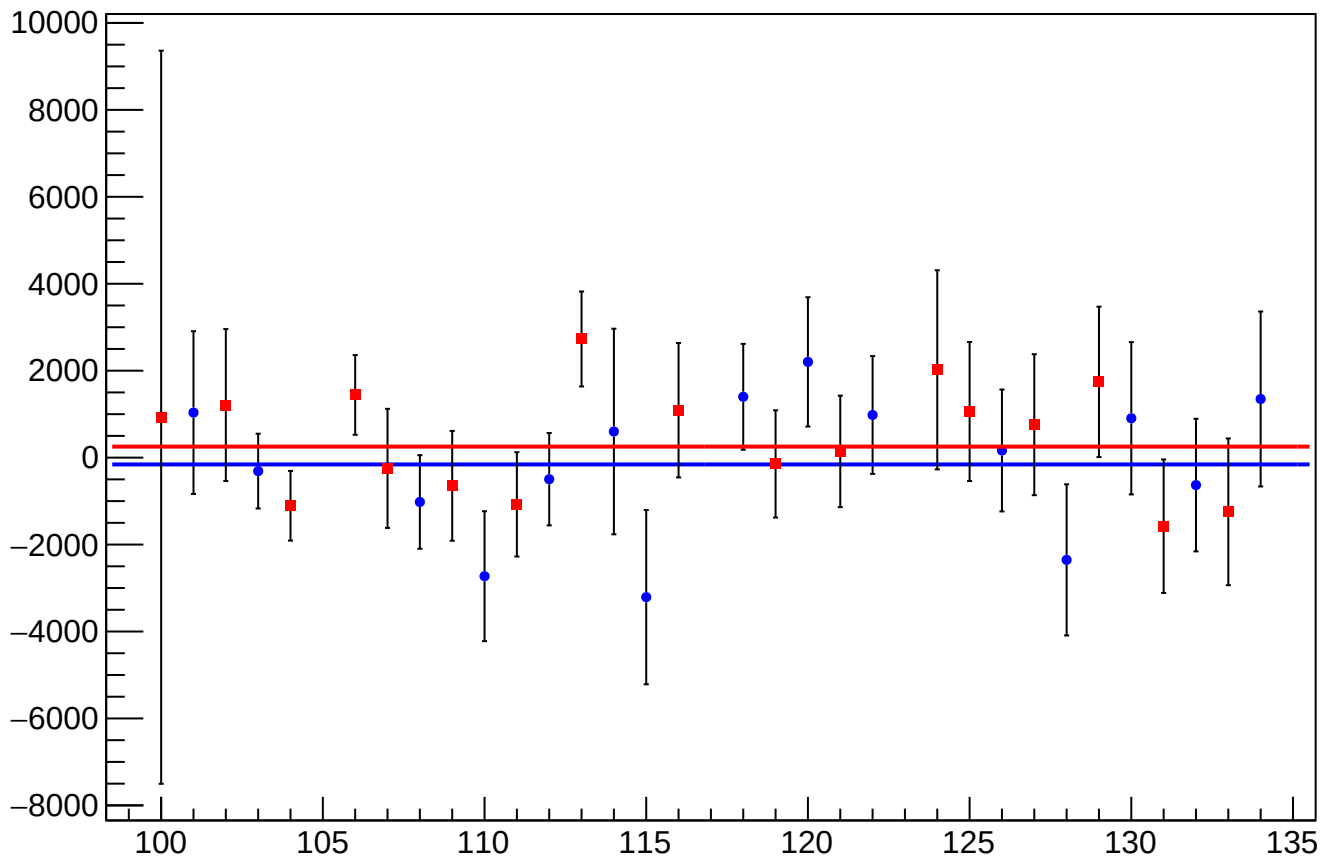
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1654.770 $\pm$ 0.330 χ^2 /NDF: 801318.7/31

- 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: 253.623+/-323.901 χ^2/NDF : 16.2/16

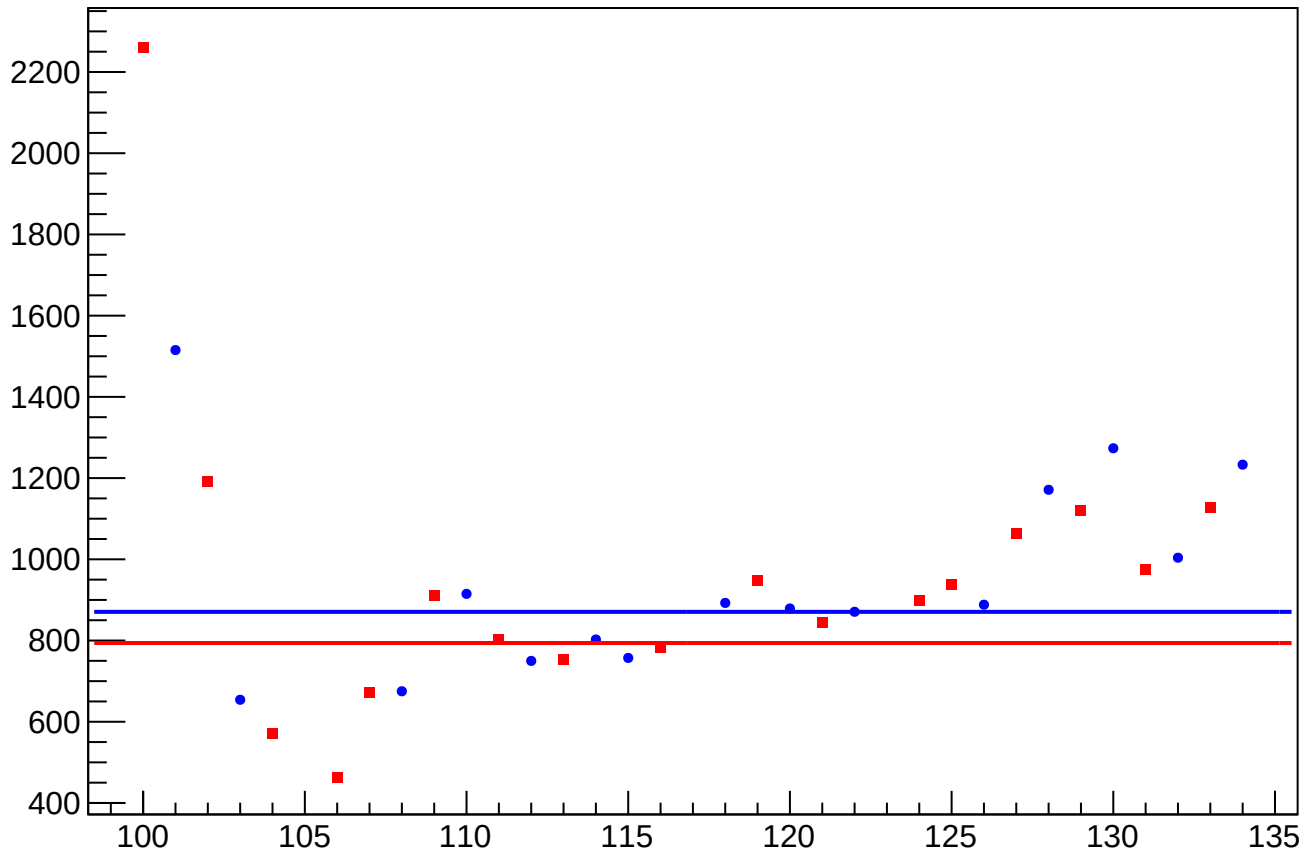
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.337+/-240.380 χ^2/NDF : 31.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_cor_correction_rms vs Slug



Right In: 870.654+/-0.254 χ^2/NDF : 712248.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 793.946+/-0.229 χ^2/NDF : 901371.9/16

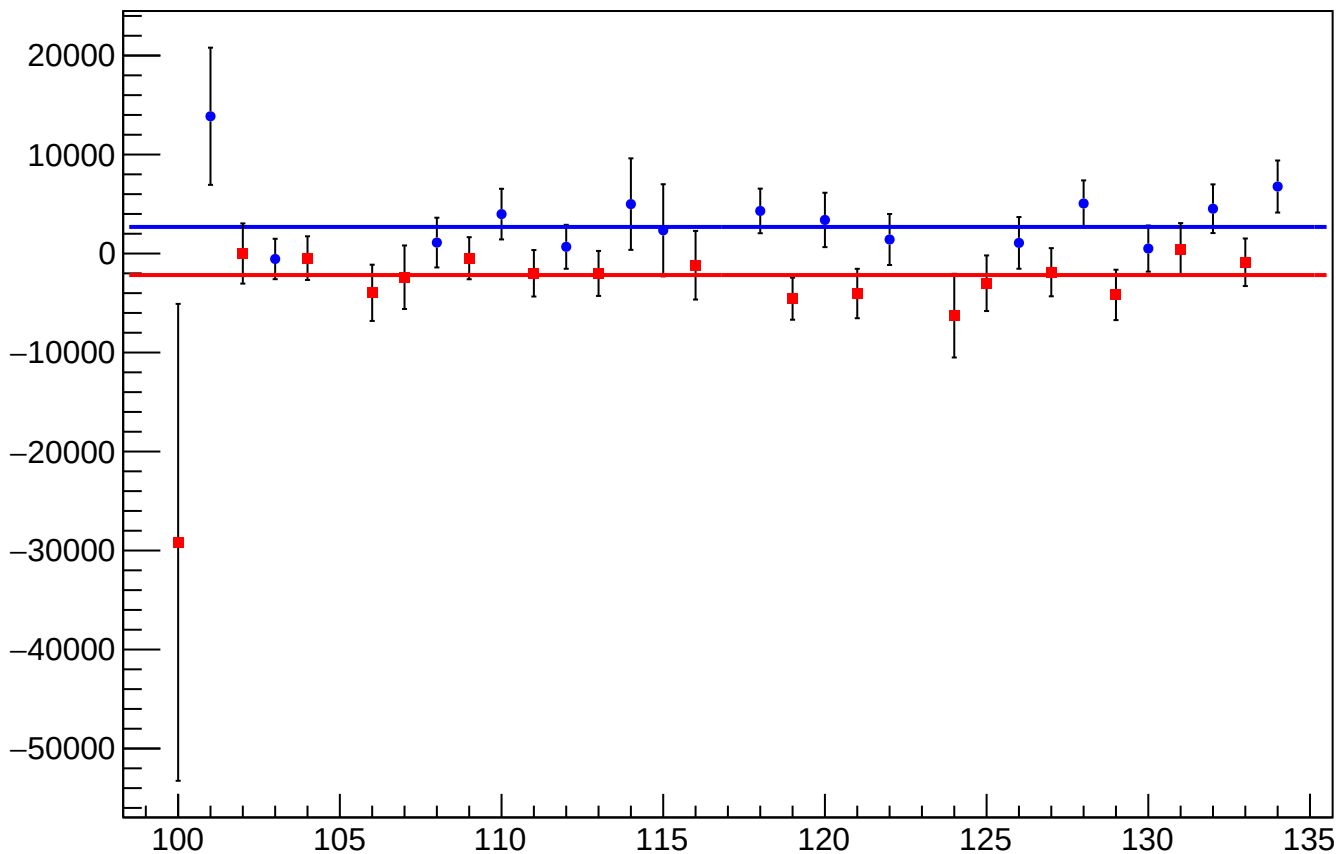
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 828.405+/-0.170 χ^2/NDF : 1664010.4/31

- sign 0.000+/-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: -2171.899+/-642.421 χ^2/NDF : 8.3/16

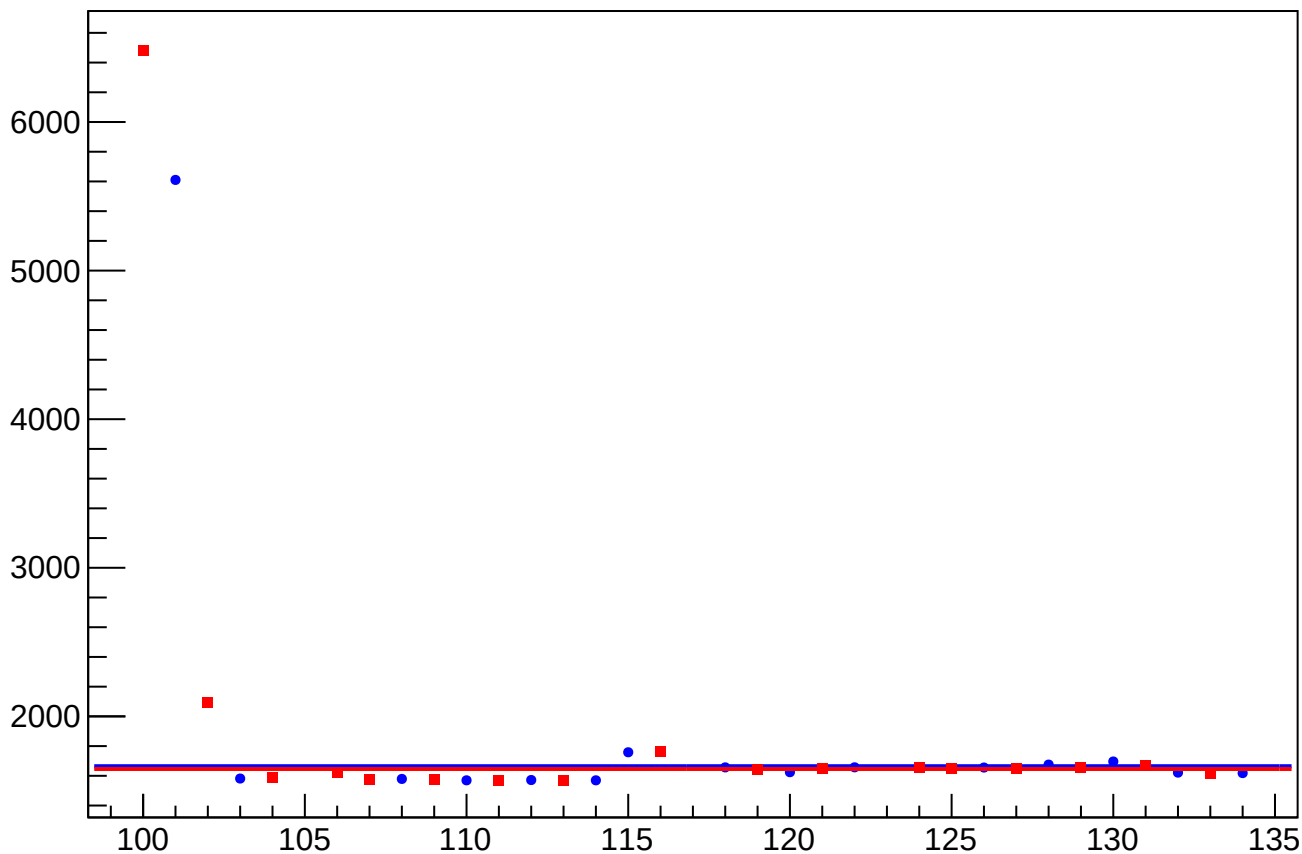
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.484+/-466.473 χ^2/NDF : 48.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr1_avg_rms vs Slug



Right In: 1664.587+/-0.480 χ^2/NDF : 664244.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1645.967+/-0.454 χ^2/NDF : 136279.4/16

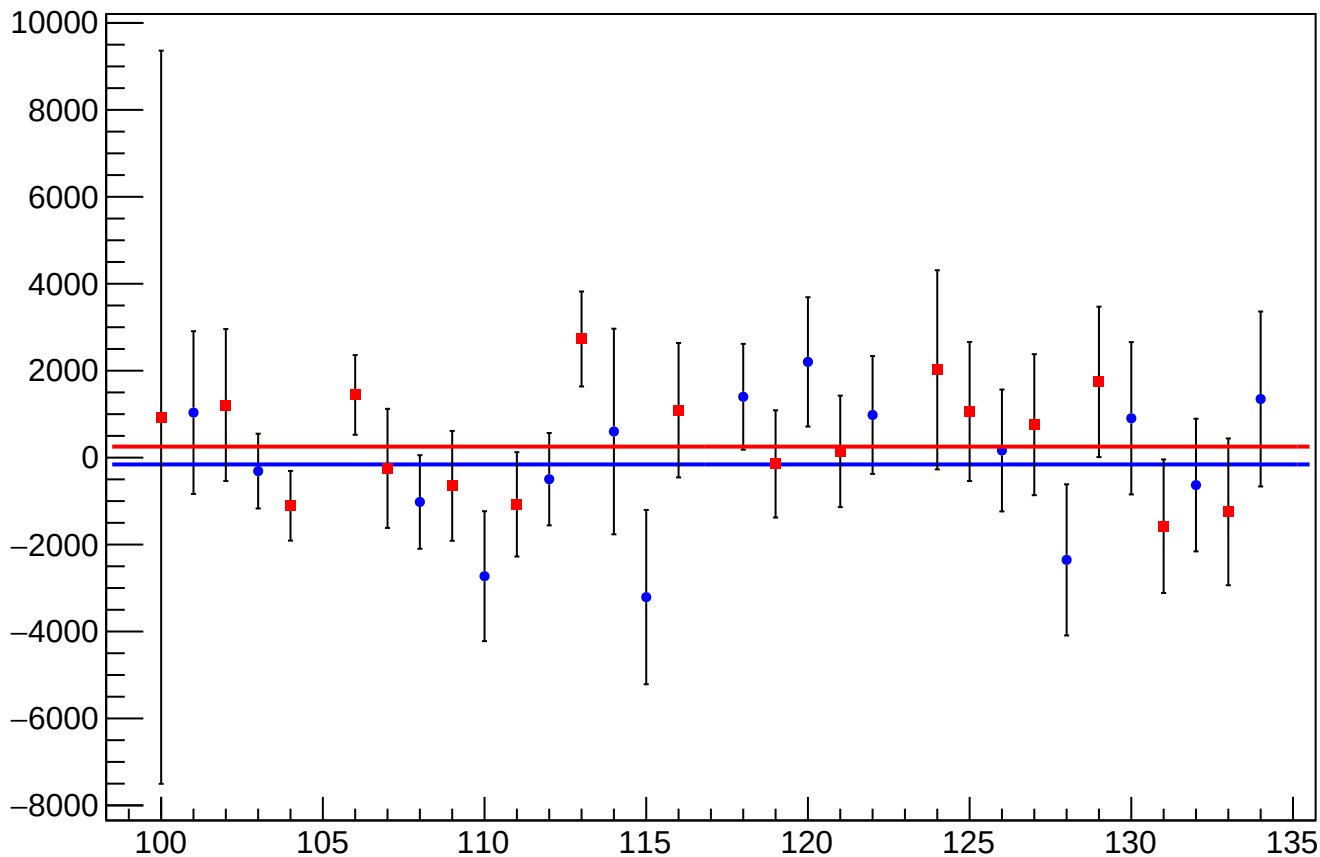
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1654.770+/-0.330 χ^2/NDF : 801318.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_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: 253.623+/-323.901 χ^2/NDF : 16.2/16

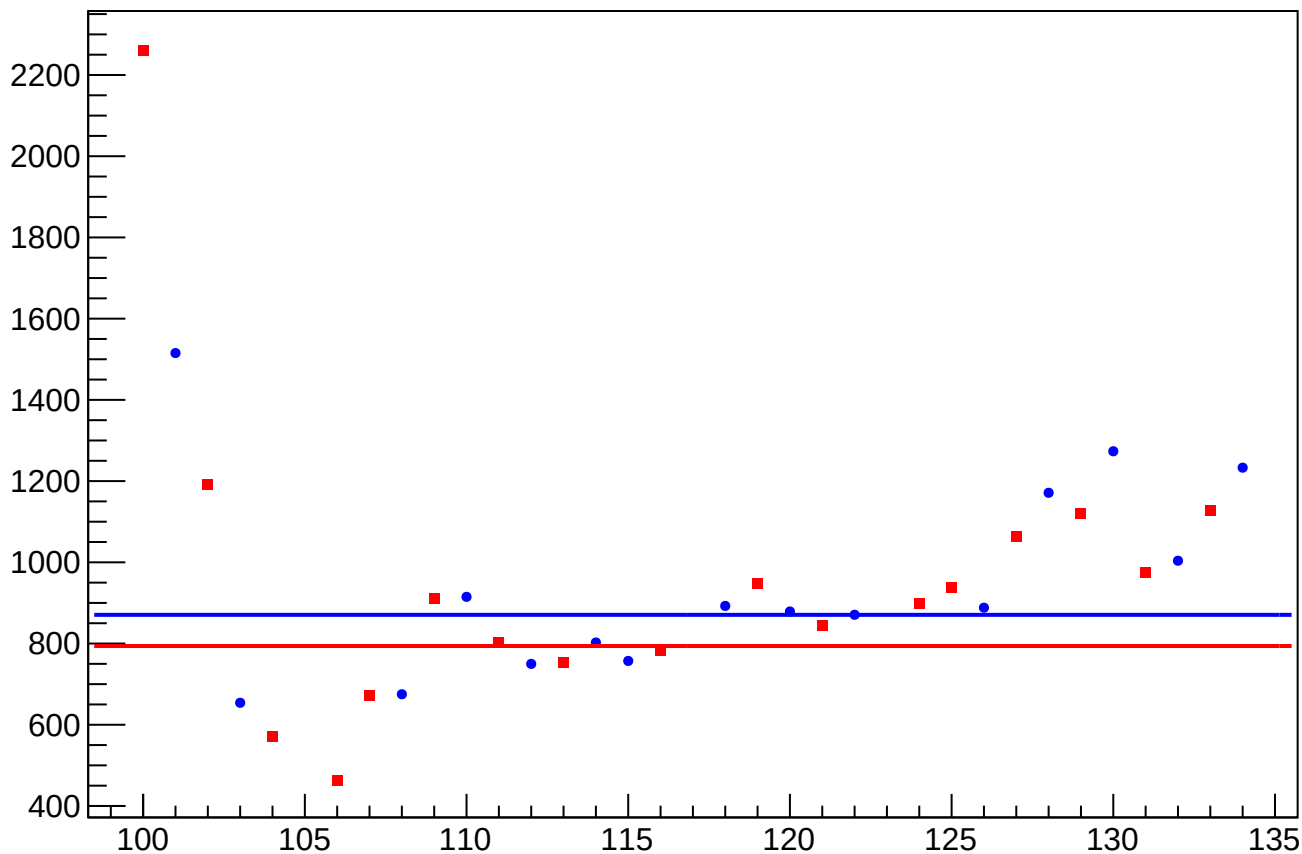
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.337+/-240.380 χ^2/NDF : 31.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_cor_correction_rms vs Slug



Right In: 870.654+/-0.254 χ^2/NDF : 712248.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 793.946+/-0.229 χ^2/NDF : 901371.9/16

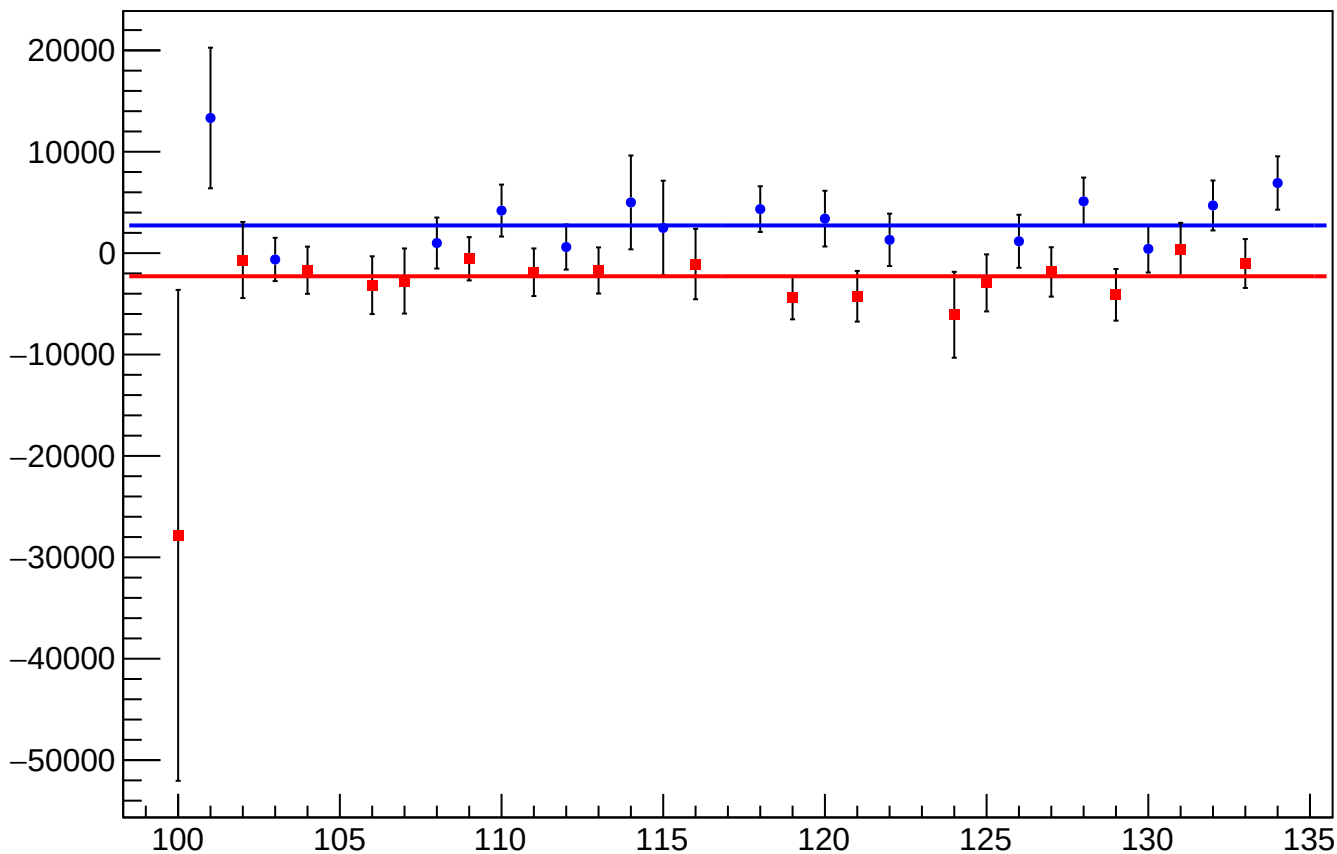
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 828.405+/-0.170 χ^2/NDF : 1664010.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr1_avg_mean vs Slug



Right In: 2732.298 $\pm$ 682.659 χ^2 /NDF: 13.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2281.112 $\pm$ 651.439 χ^2 /NDF: 6.6/16

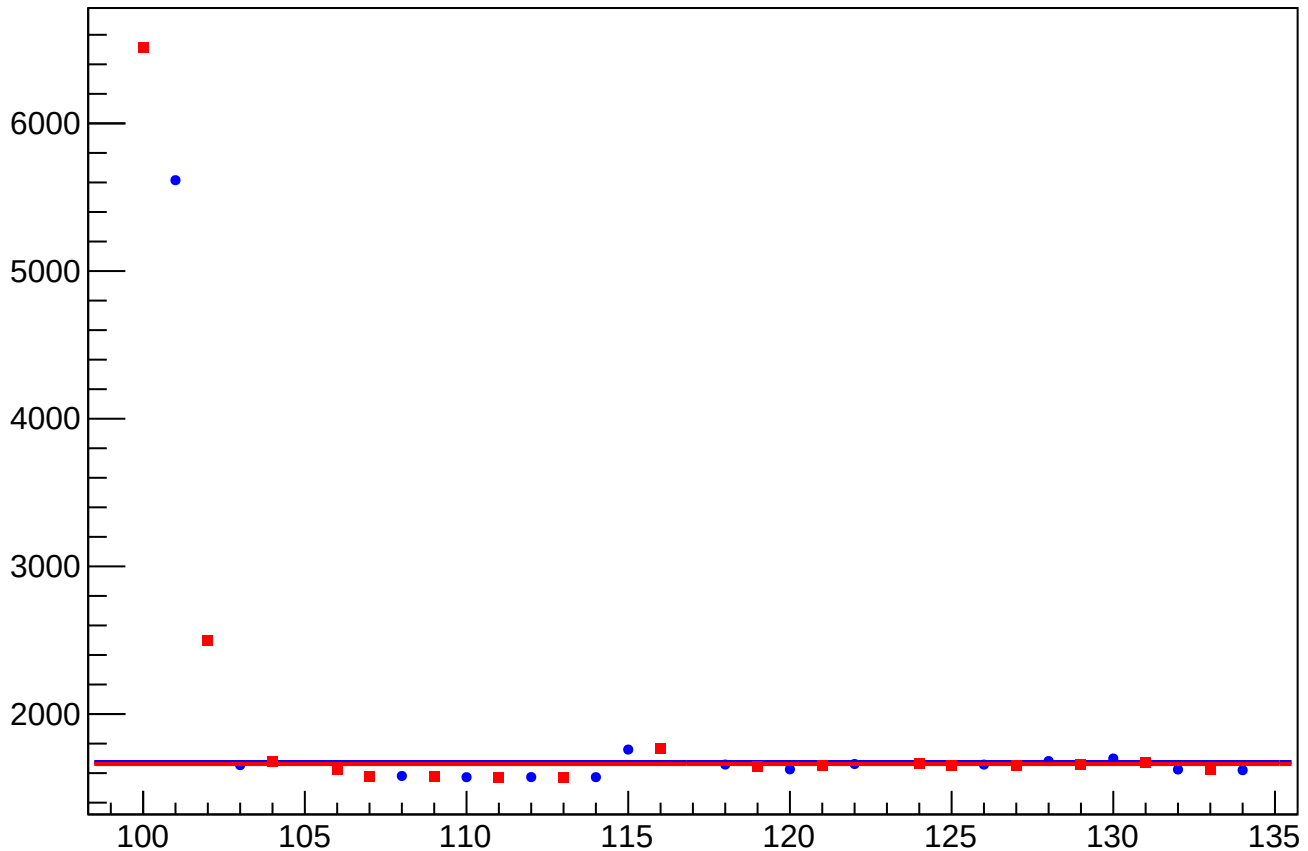
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 108.339 $\pm$ 471.288 χ^2 /NDF: 48.1/31

- sign 0.000 $\pm$ 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: 1661.336+/-0.461 χ^2/NDF : 192885.8/16

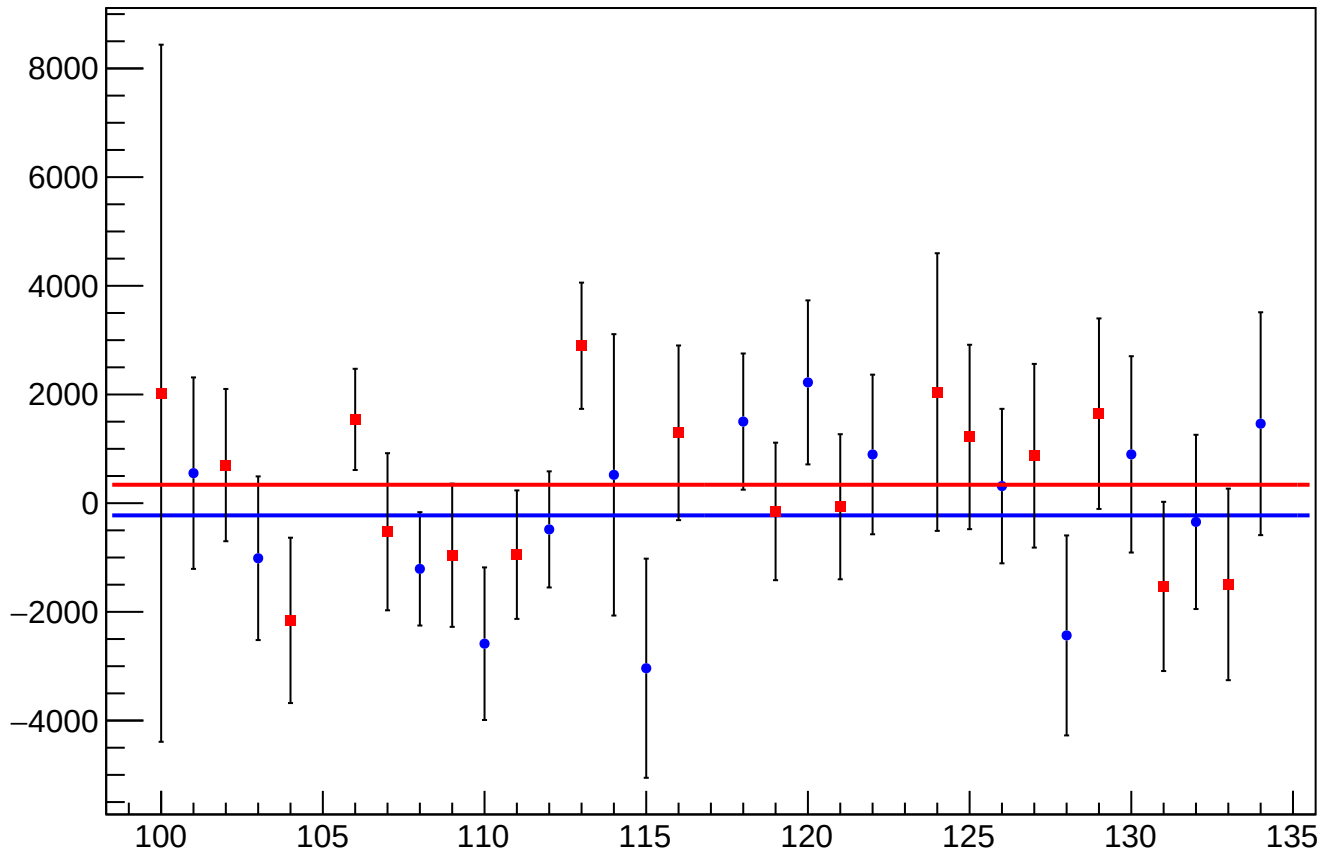
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1667.931+/-0.333 χ^2/NDF : 853833.6/31

- 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: 339.125+/-351.084 χ^2/NDF : 16.3/16

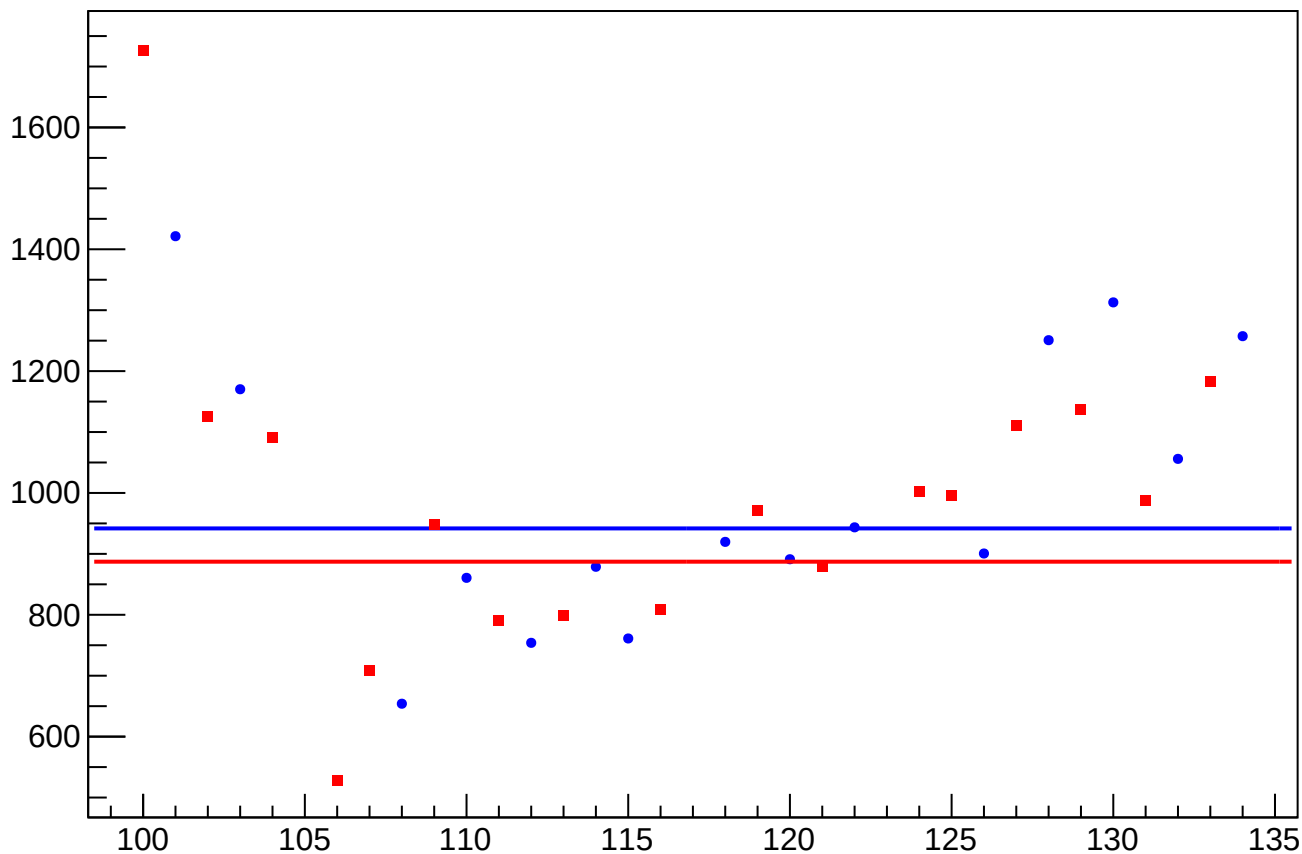
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.686+/-259.614 χ^2/NDF : 31.6/31

- 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: 887.174+/-0.248 χ^2/NDF : 651232.1/16

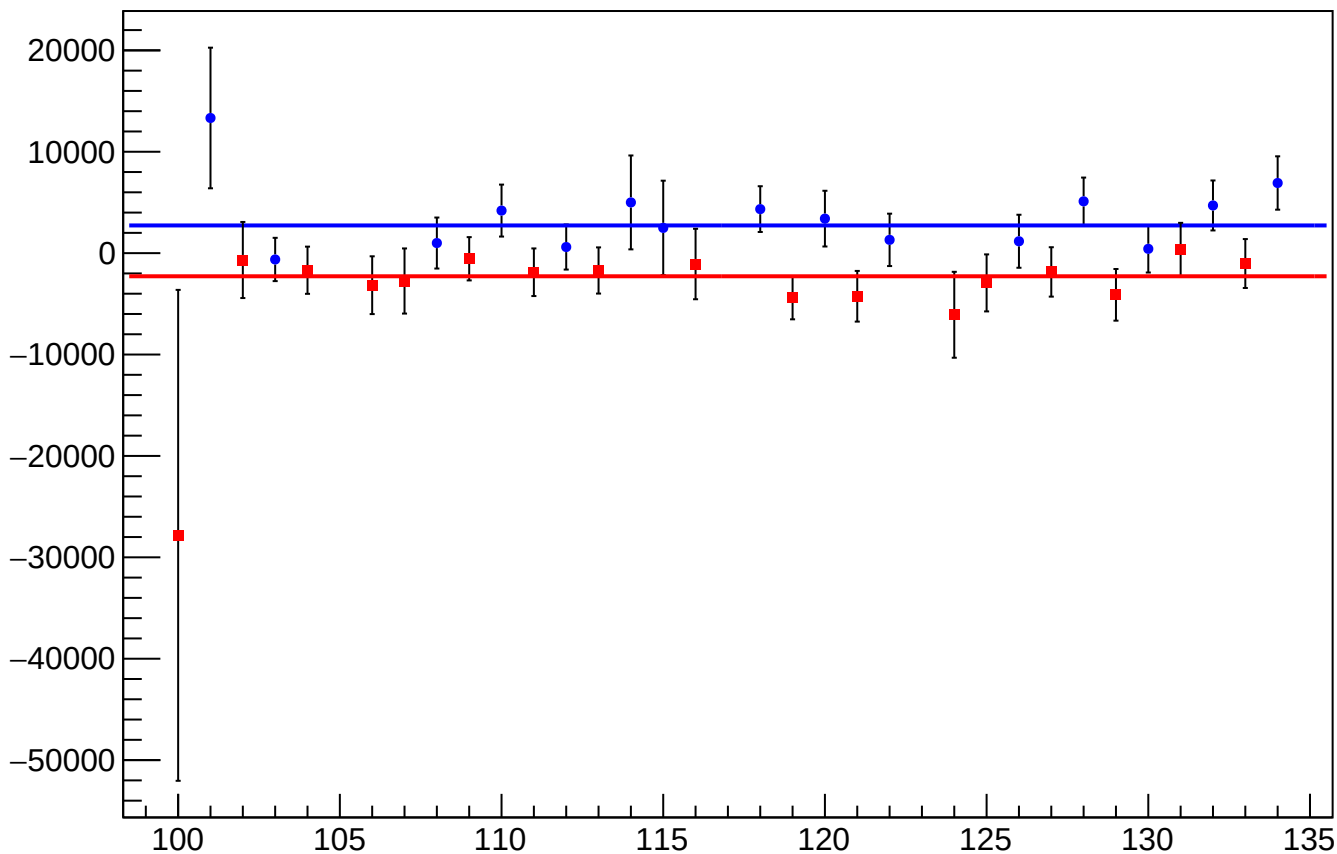
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 911.921+/-0.184 χ^2/NDF : 1308248.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr1_avg_mean vs Slug



Right In: 2732.299 $\pm$ 682.659 χ^2 /NDF: 13.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2281.113 $\pm$ 651.439 χ^2 /NDF: 6.6/16

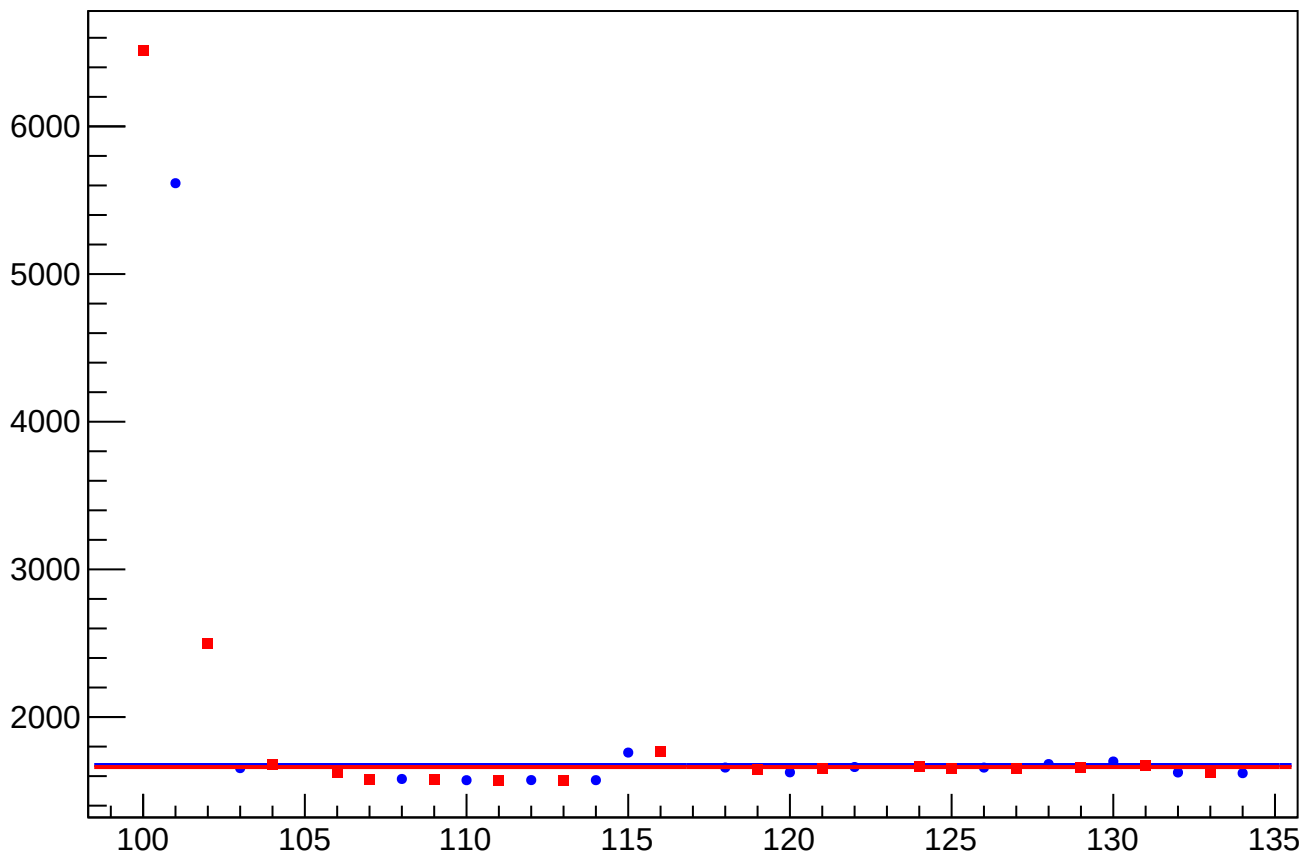
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 108.339 $\pm$ 471.288 χ^2 /NDF: 48.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usr_atr1_avg_rms vs Slug



Right In: 1675.174 $\pm$ 0.483 χ^2 /NDF: 660517.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1661.336 $\pm$ 0.461 χ^2 /NDF: 192885.7/16

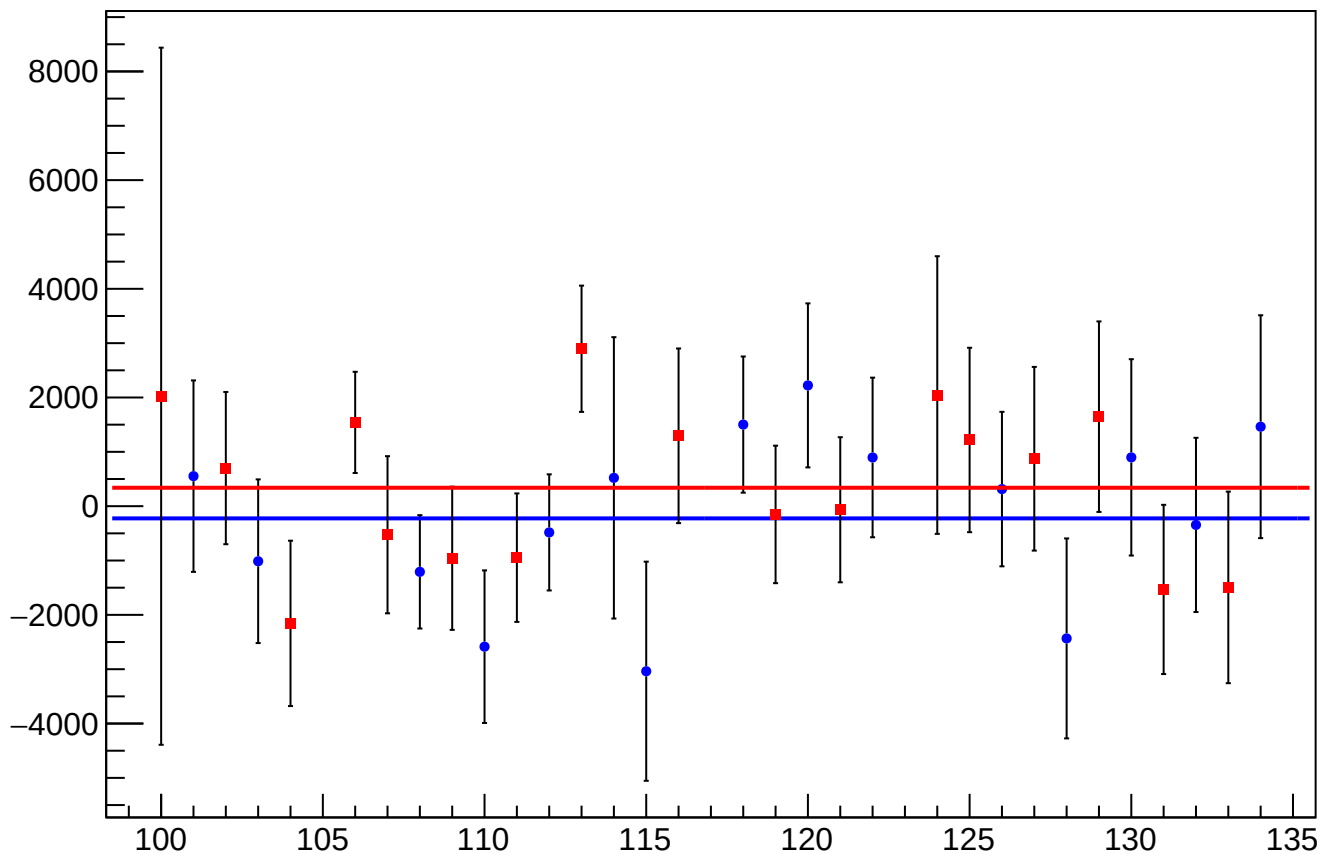
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1667.931 $\pm$ 0.333 χ^2 /NDF: 853833.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_eigen_dit_correction_mean vs Slug



Right In: -224.520+/-385.643 χ^2/NDF : 14.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 339.124+/-351.083 χ^2/NDF : 16.3/16

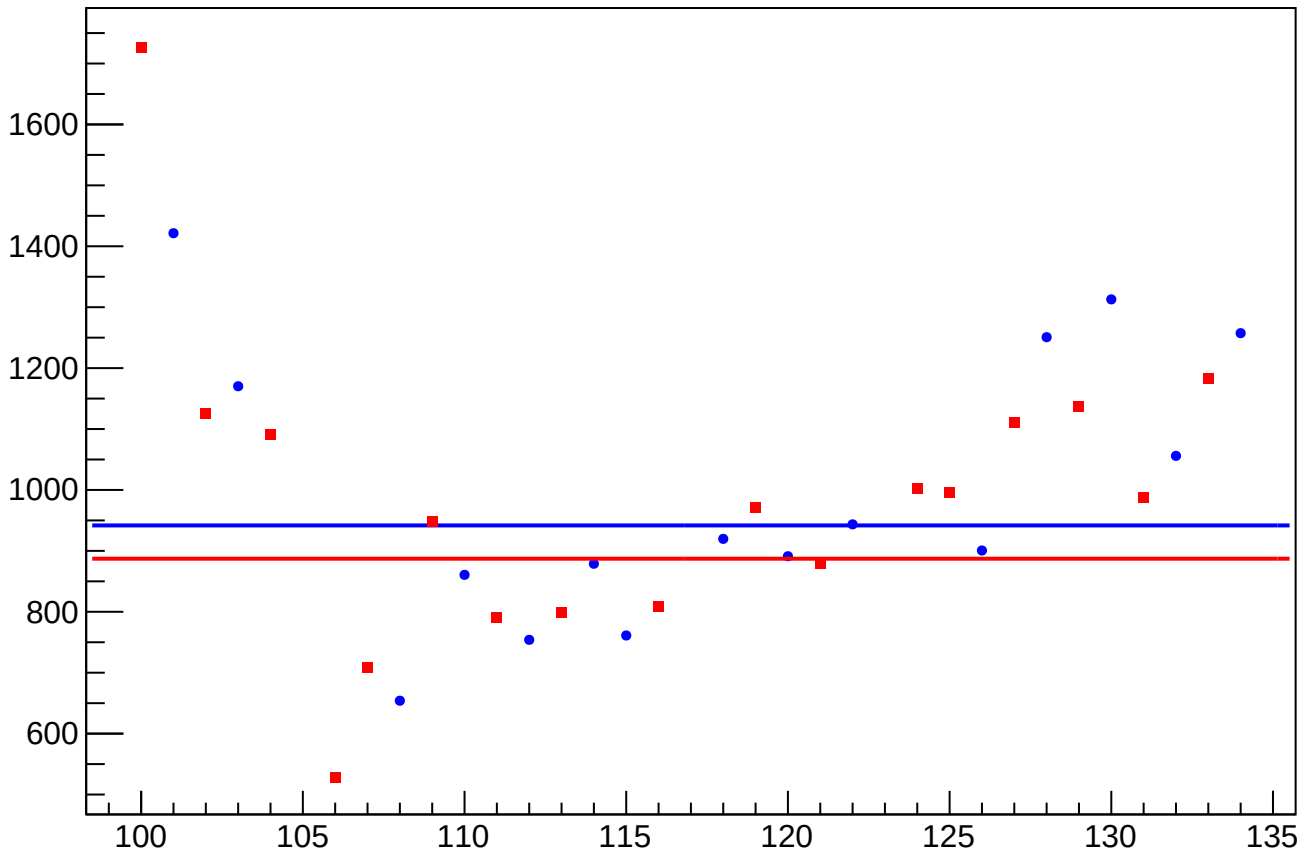
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.685+/-259.613 χ^2/NDF : 31.6/31

- sign 0.000+/-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: 887.171 $\pm$ 0.248 χ^2 /NDF: 651226.6/16

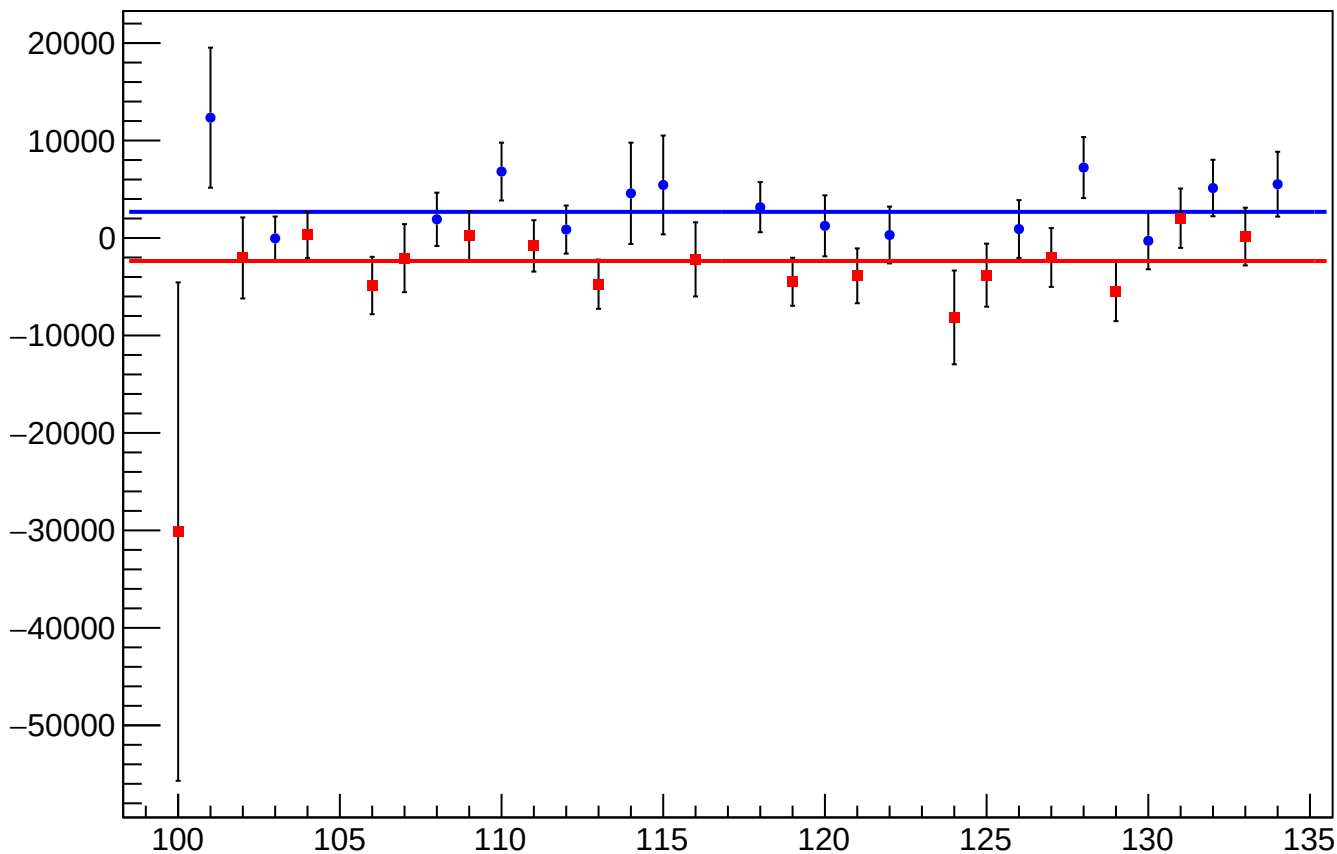
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 911.918 $\pm$ 0.184 χ^2 /NDF: 1308246.4/31

- 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: -2359.230+/-739.134 χ^2 /NDF: 12.0/16

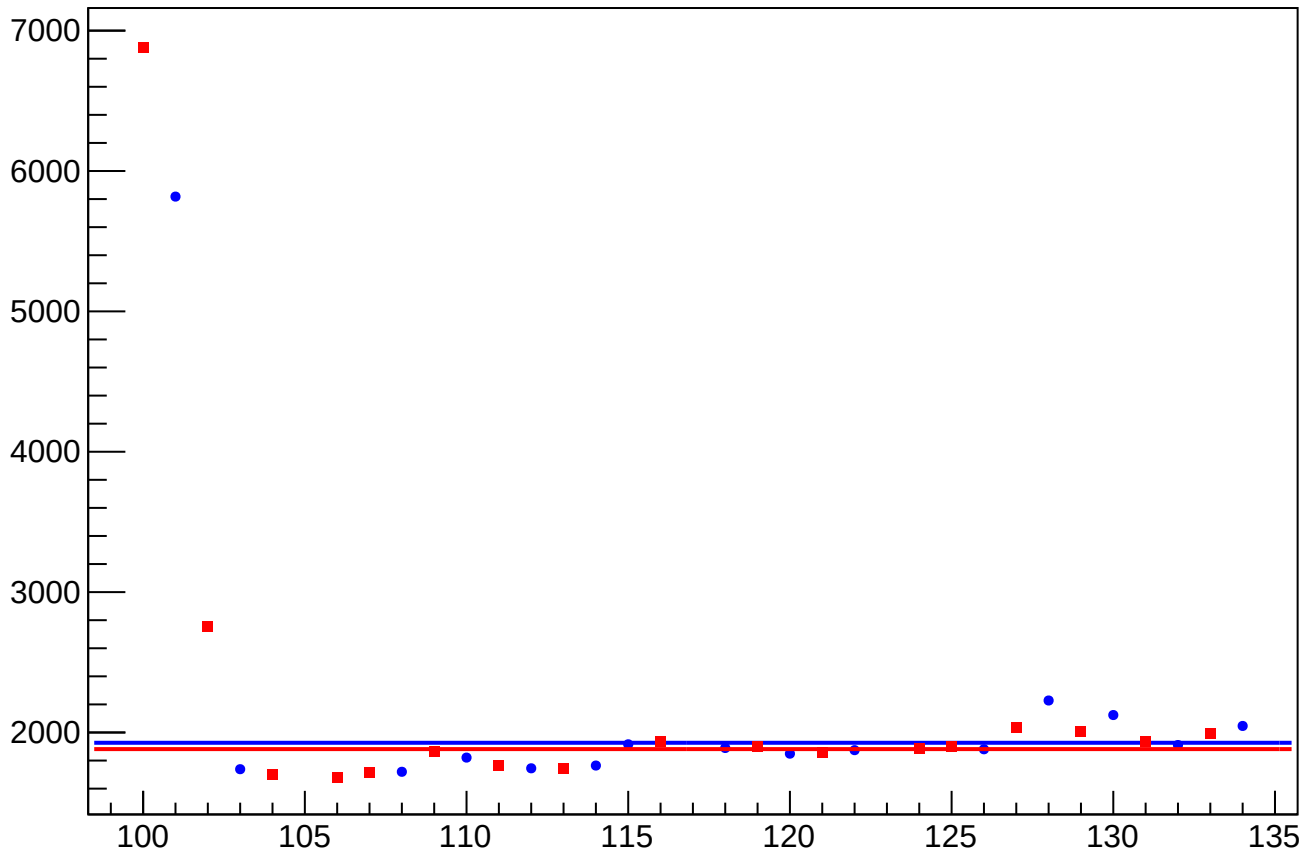
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 7.572+/-538.382 χ^2 /NDF: 46.0/31

- 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

Right Out: 1881.632+/-0.523 χ^2/NDF : 213694.9/16

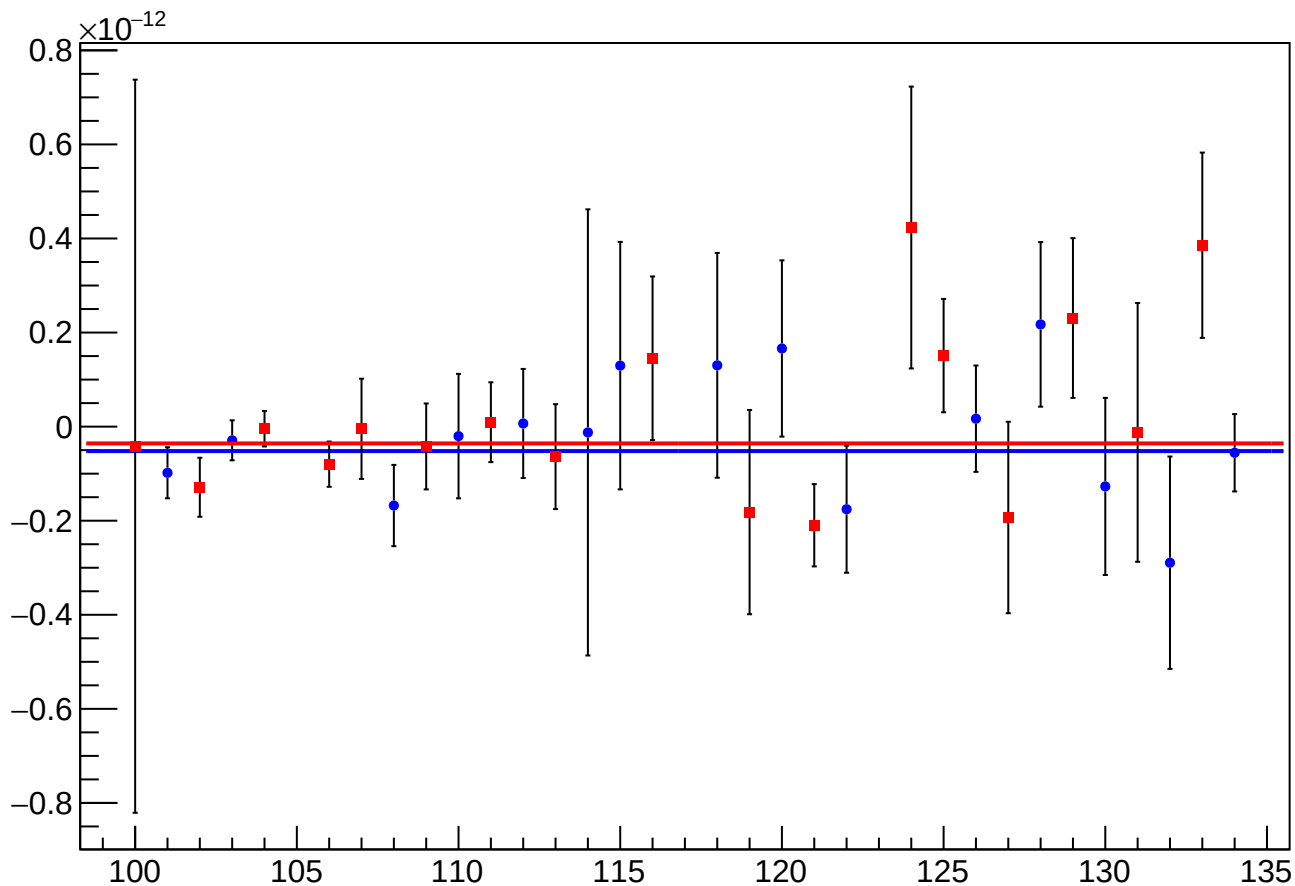
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1902.782+/-0.381 χ^2/NDF : 877870.0/31

- sign 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 $\pm$ 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: 22.1/16

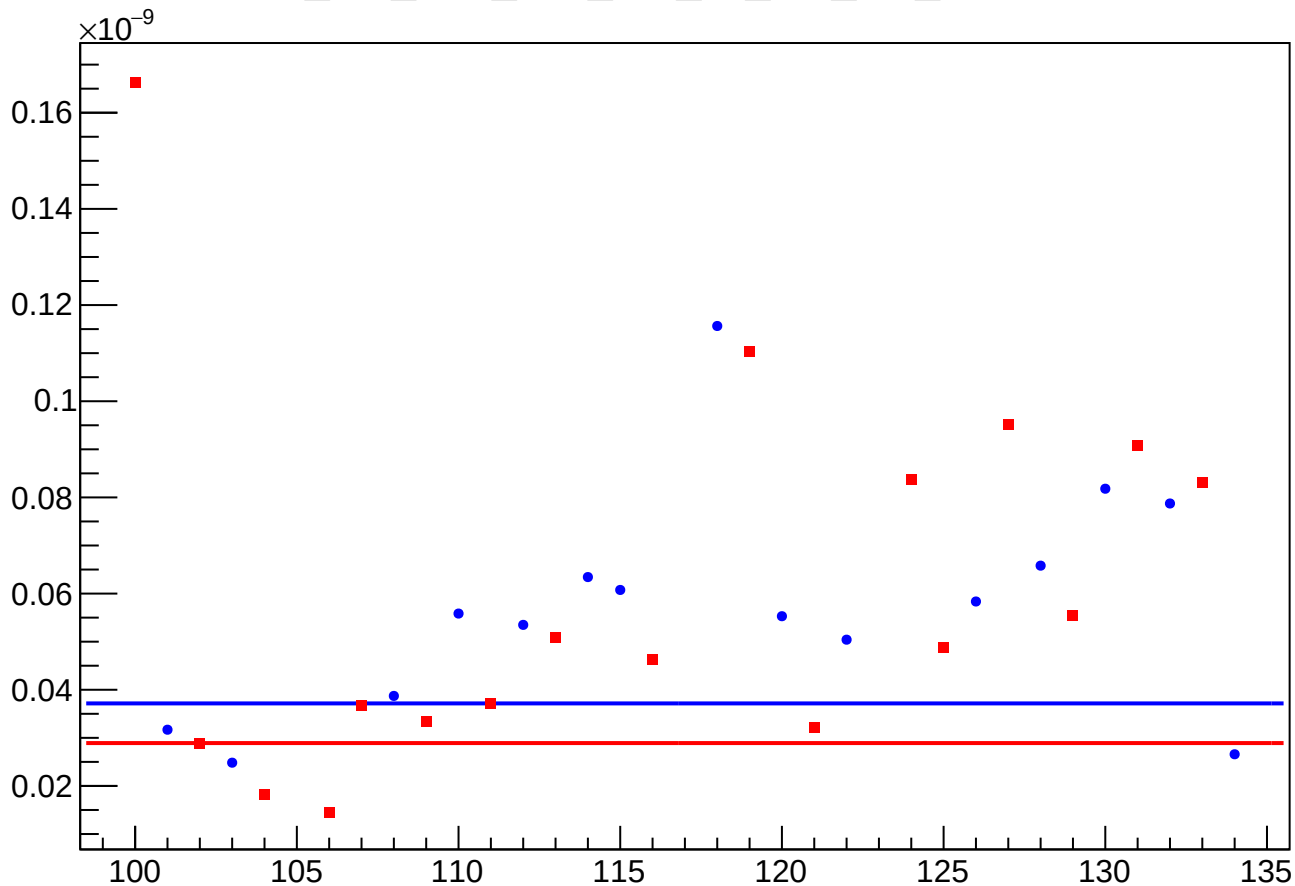
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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_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 : 1454680.9/16

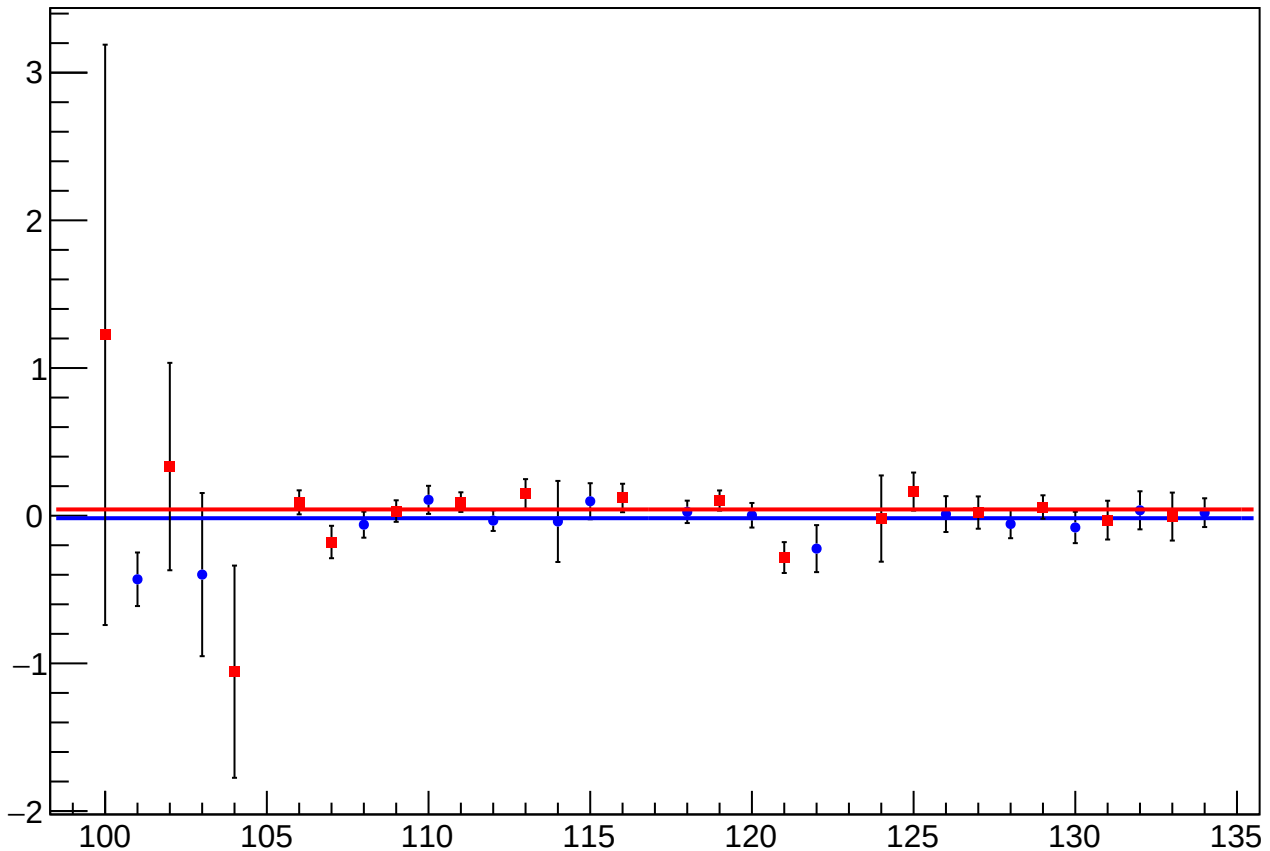
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2461313.8/31

- 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 ± 0.027 χ^2/NDF : 11.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.043 ± 0.025 χ^2/NDF : 21.5/16

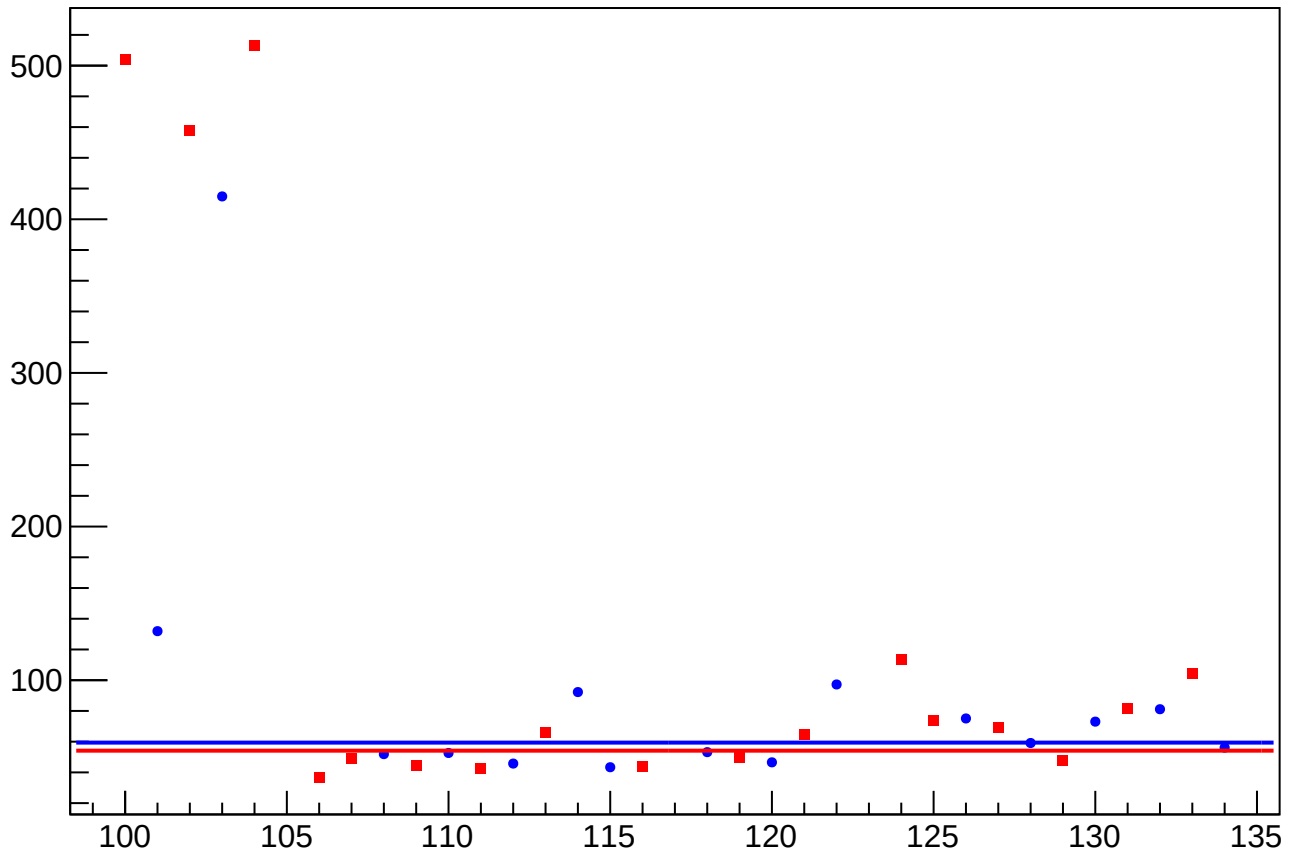
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.015 ± 0.018 χ^2/NDF : 35.6/31

- sign 0.000 ± 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: 54.145+/-0.018 χ^2/NDF : 2315350.4/16

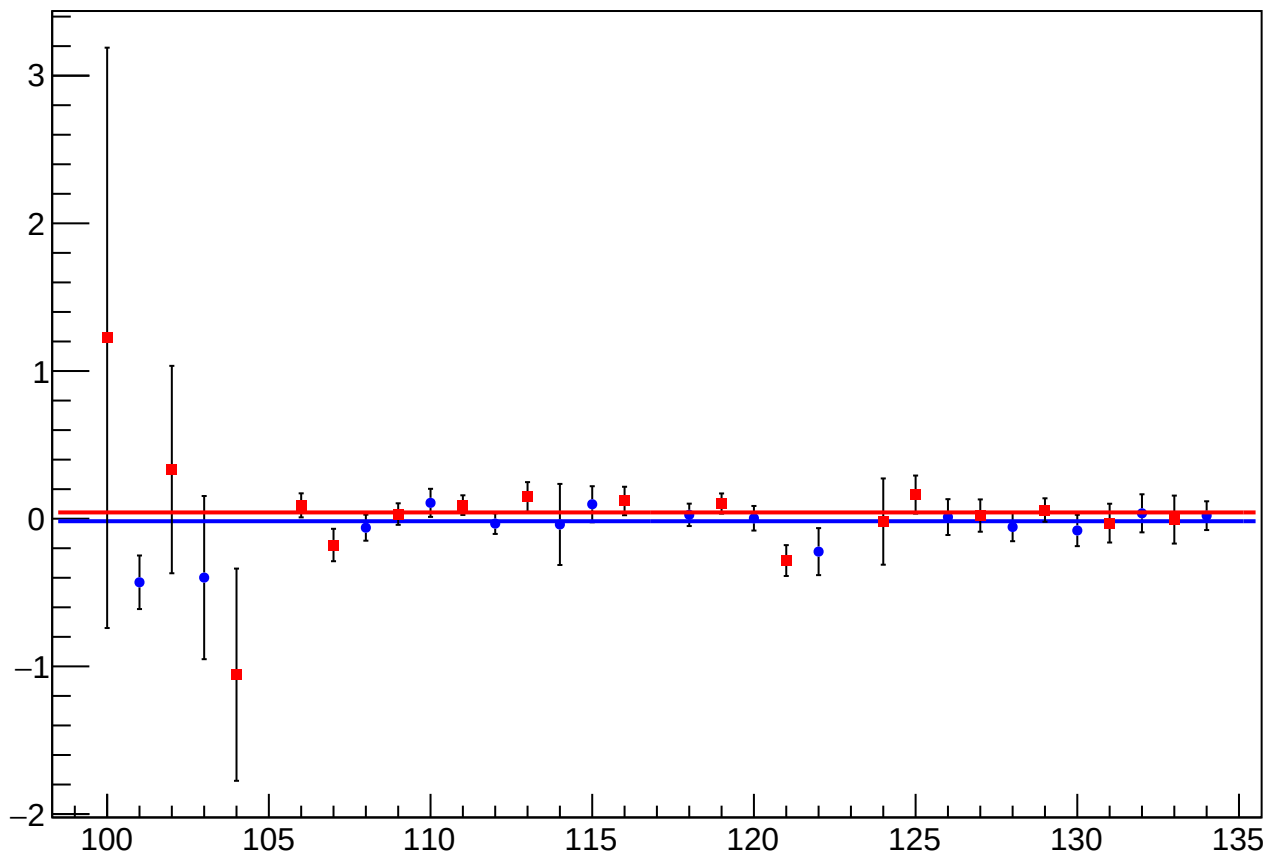
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.560+/-0.013 χ^2/NDF : 3966904.6/31

- 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 $\pm$ 0.027 χ^2 /NDF: 11.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.043 $\pm$ 0.025 χ^2 /NDF: 21.5/16

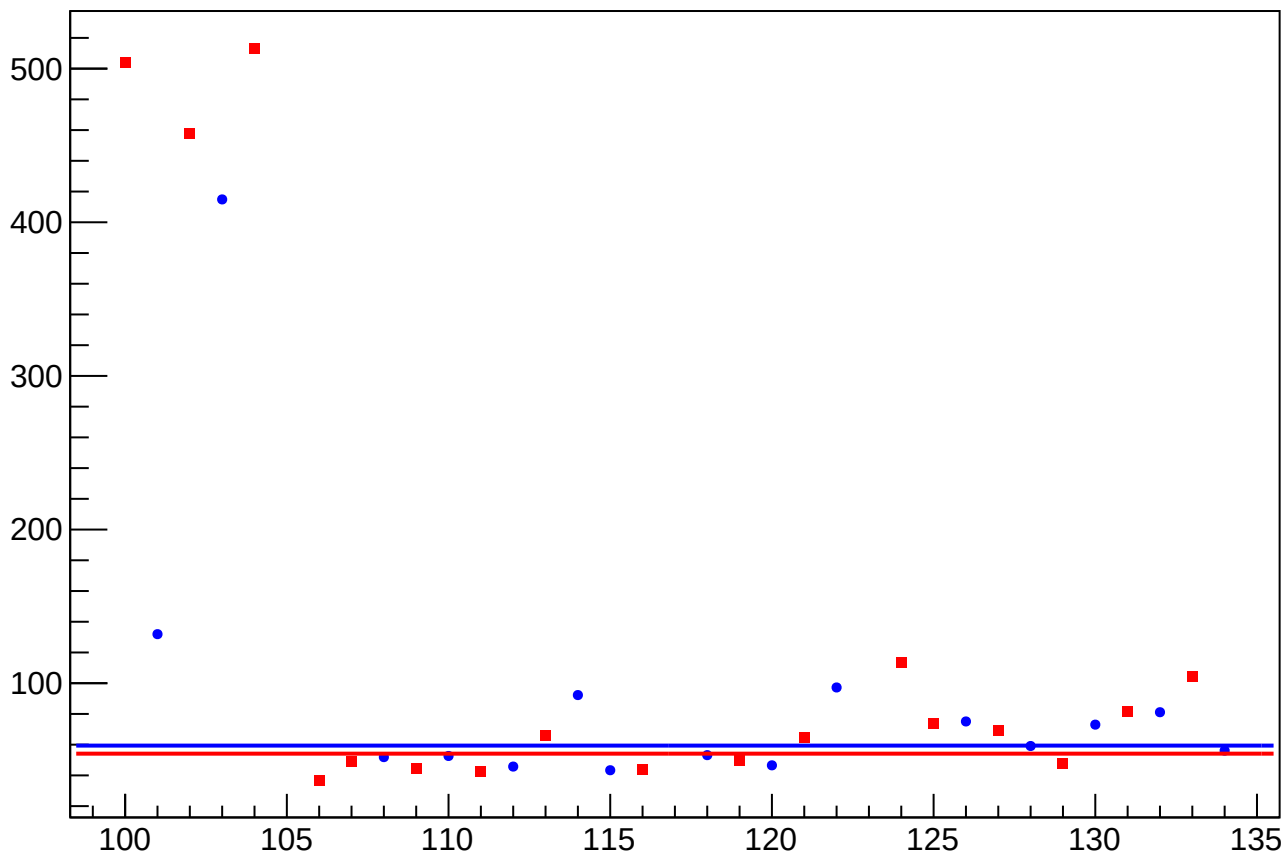
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.015 $\pm$ 0.018 χ^2 /NDF: 35.6/31

- sign 0.000 $\pm$ 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: 54.145+/-0.018 χ^2/NDF : 2315350.4/16

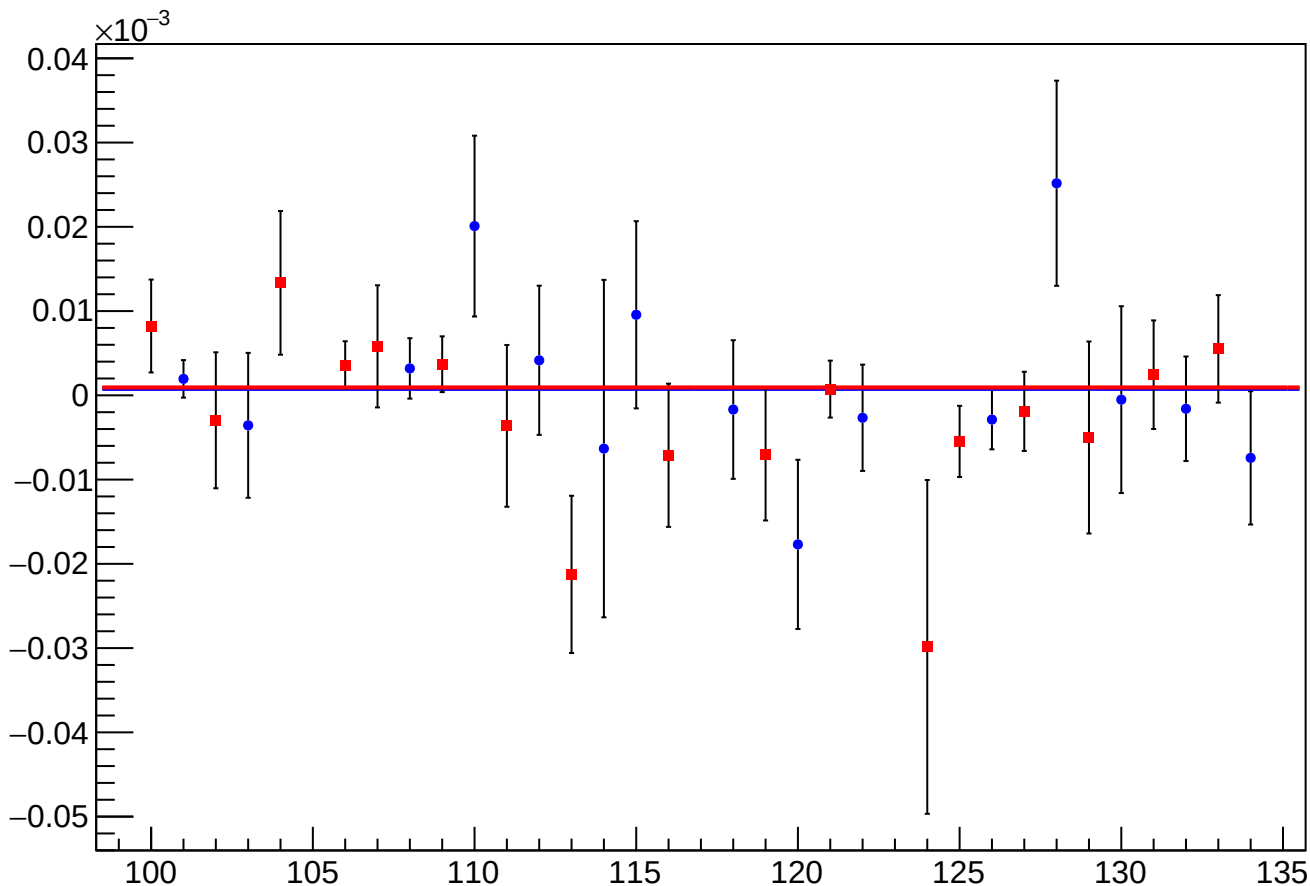
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.560+/-0.013 χ^2/NDF : 3966904.6/31

- 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 : 19.9/16

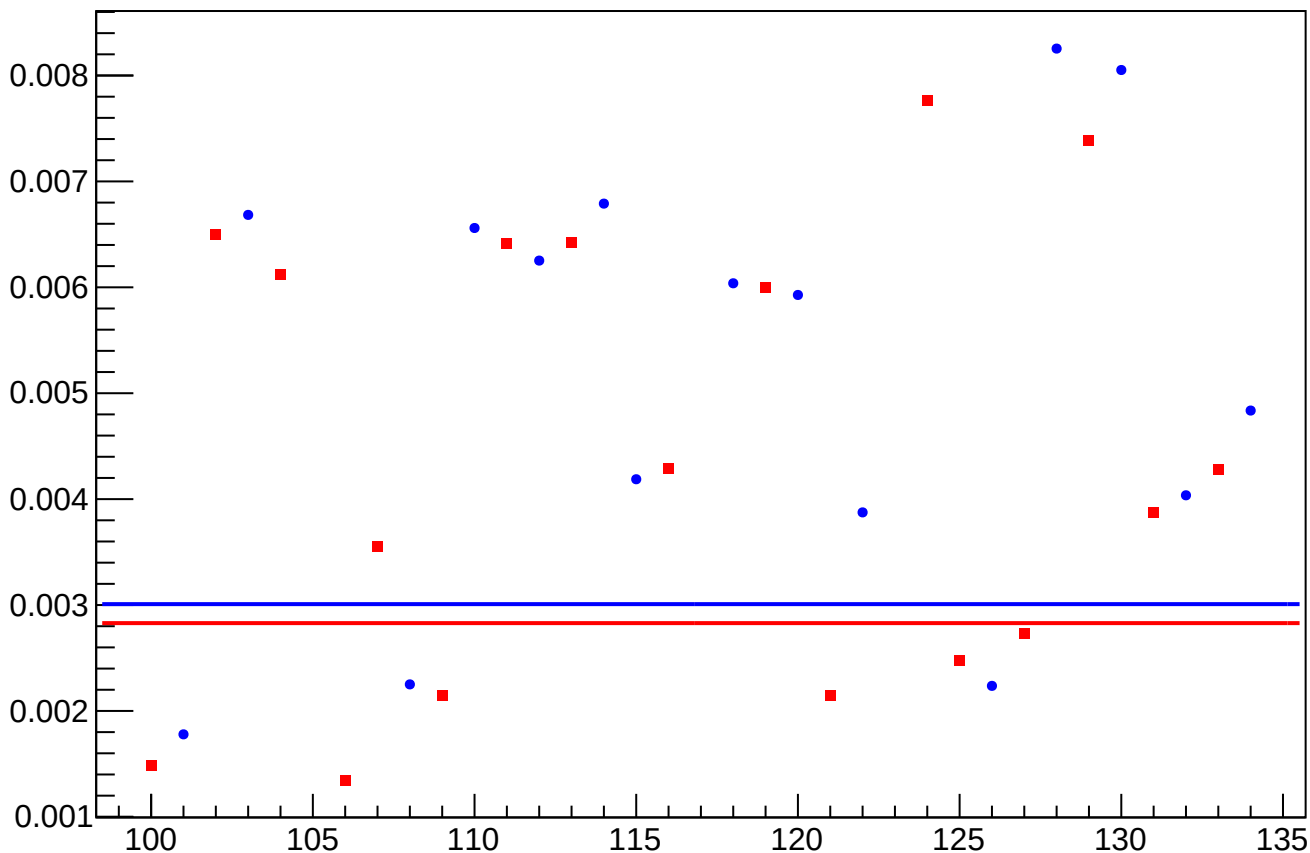
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 35.1/31

- 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 : 3146271.2/16

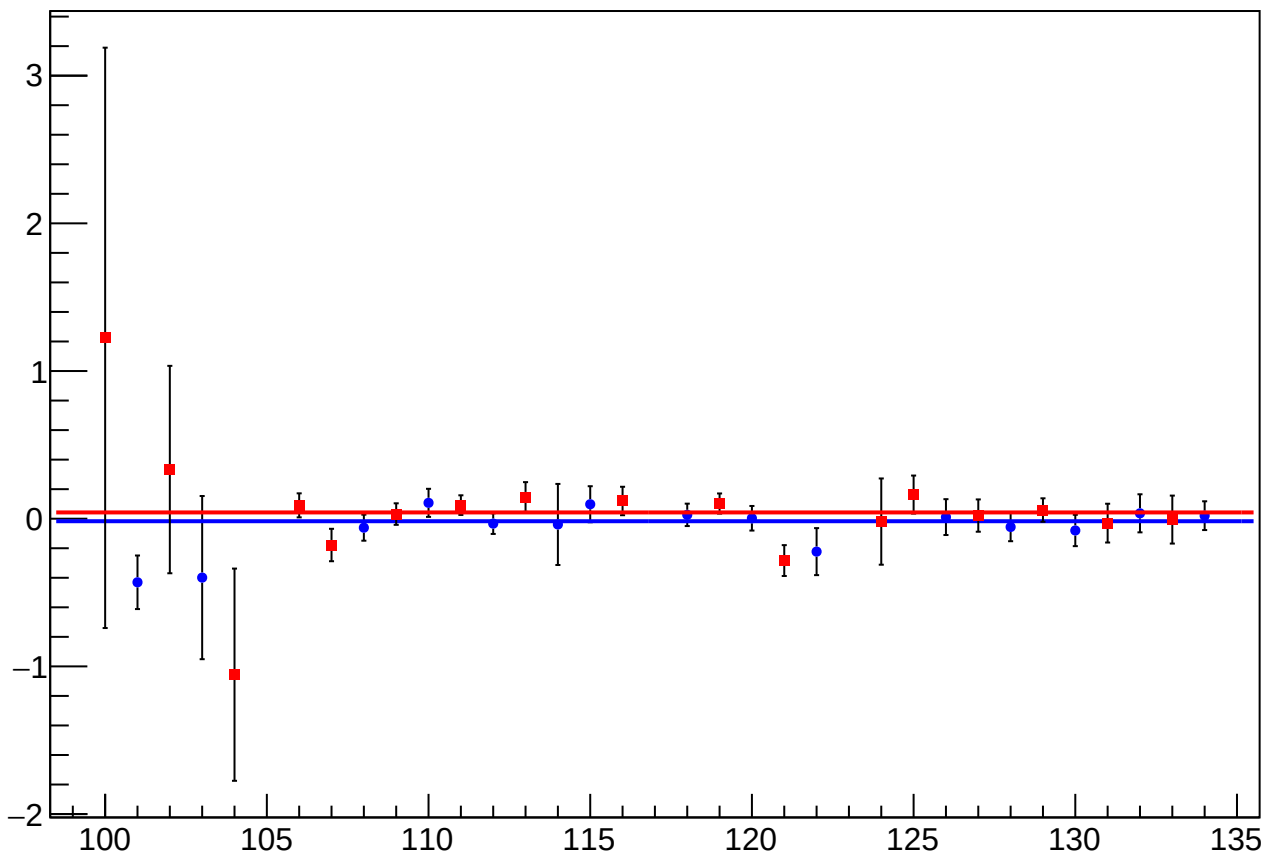
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 6330307.9/31

- 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 $\pm$ 0.027 χ^2 /NDF: 11.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.043 $\pm$ 0.025 χ^2 /NDF: 21.5/16

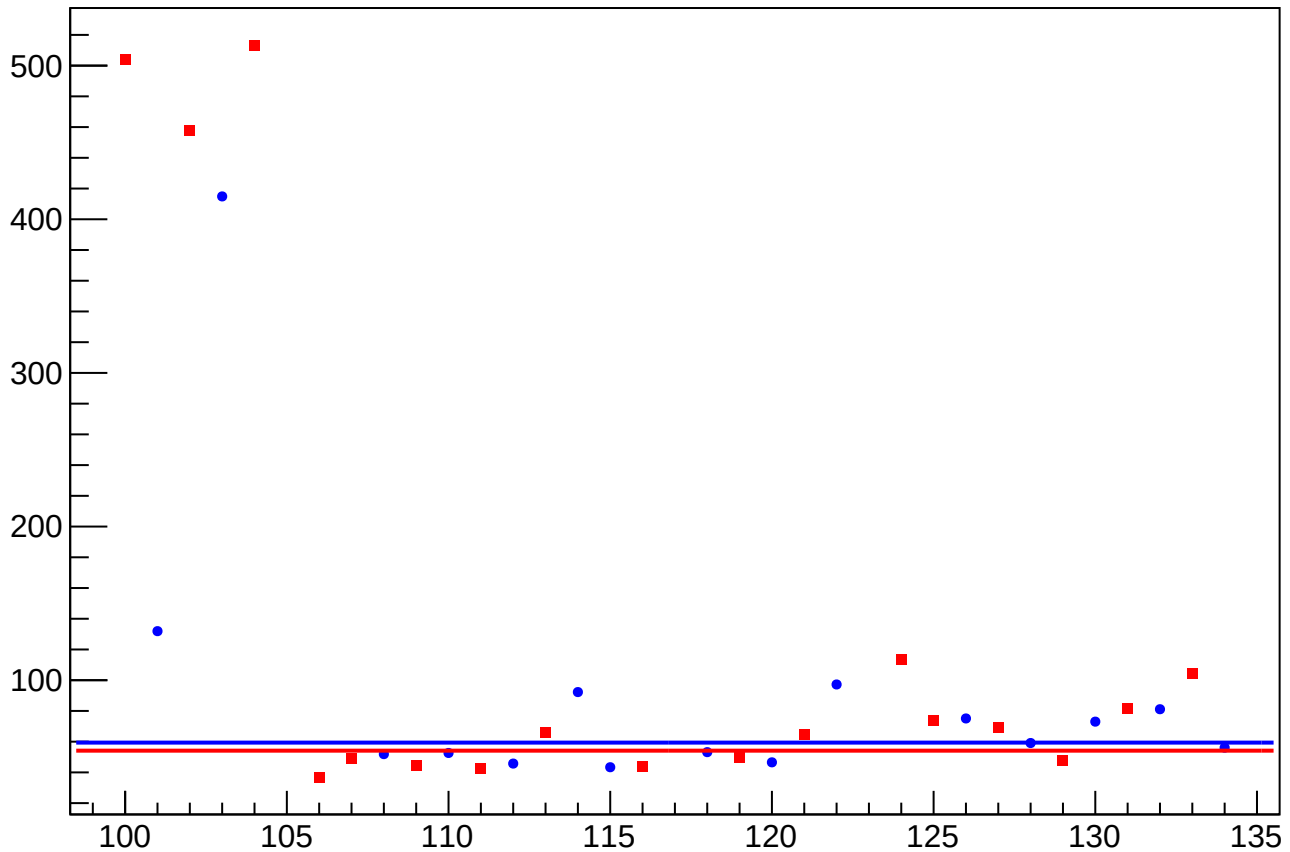
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.015 $\pm$ 0.018 χ^2 /NDF: 35.6/31

- sign 0.000 $\pm$ 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: 54.144+/-0.018 χ^2/NDF : 2315305.4/16

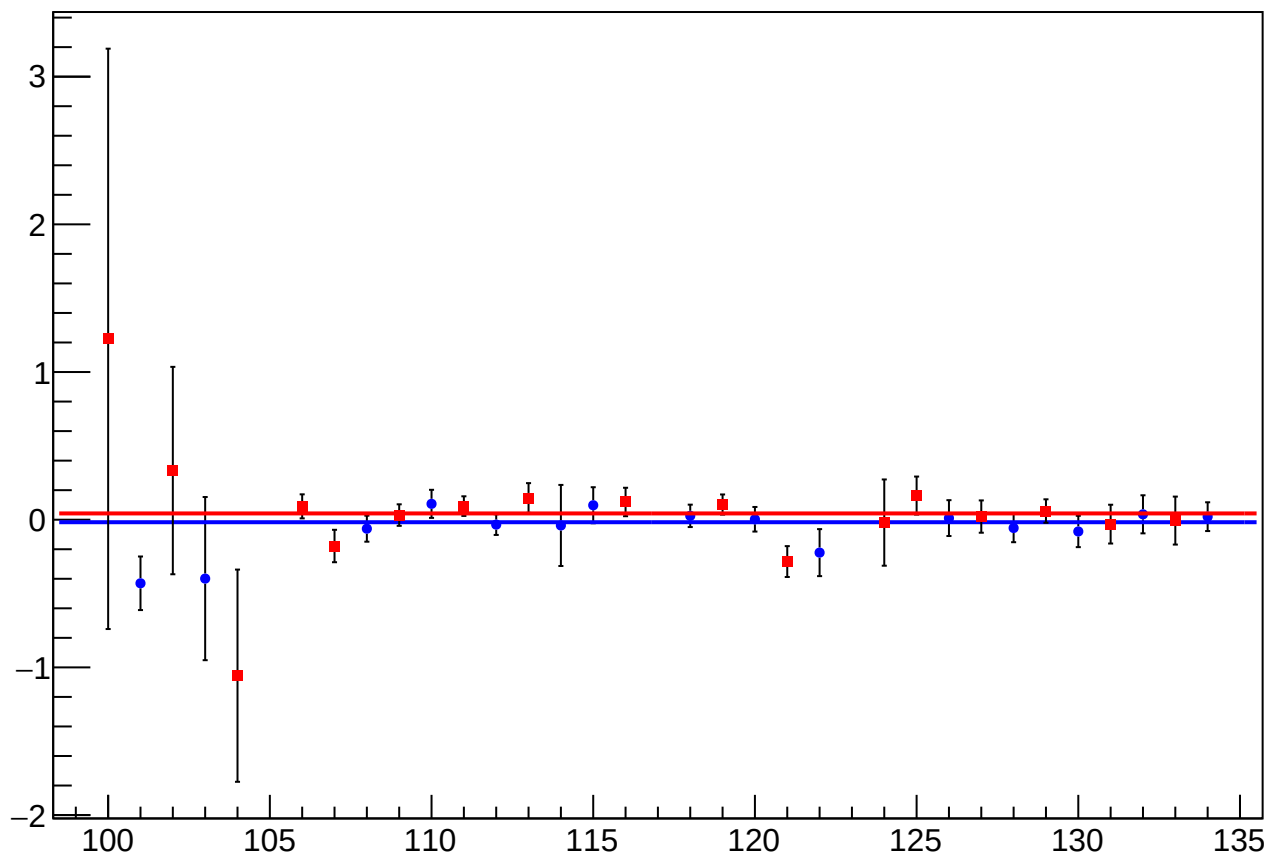
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.559+/-0.013 χ^2/NDF : 3966807.2/31

- 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: 0.043 ± 0.025 χ^2/NDF : 21.5/16

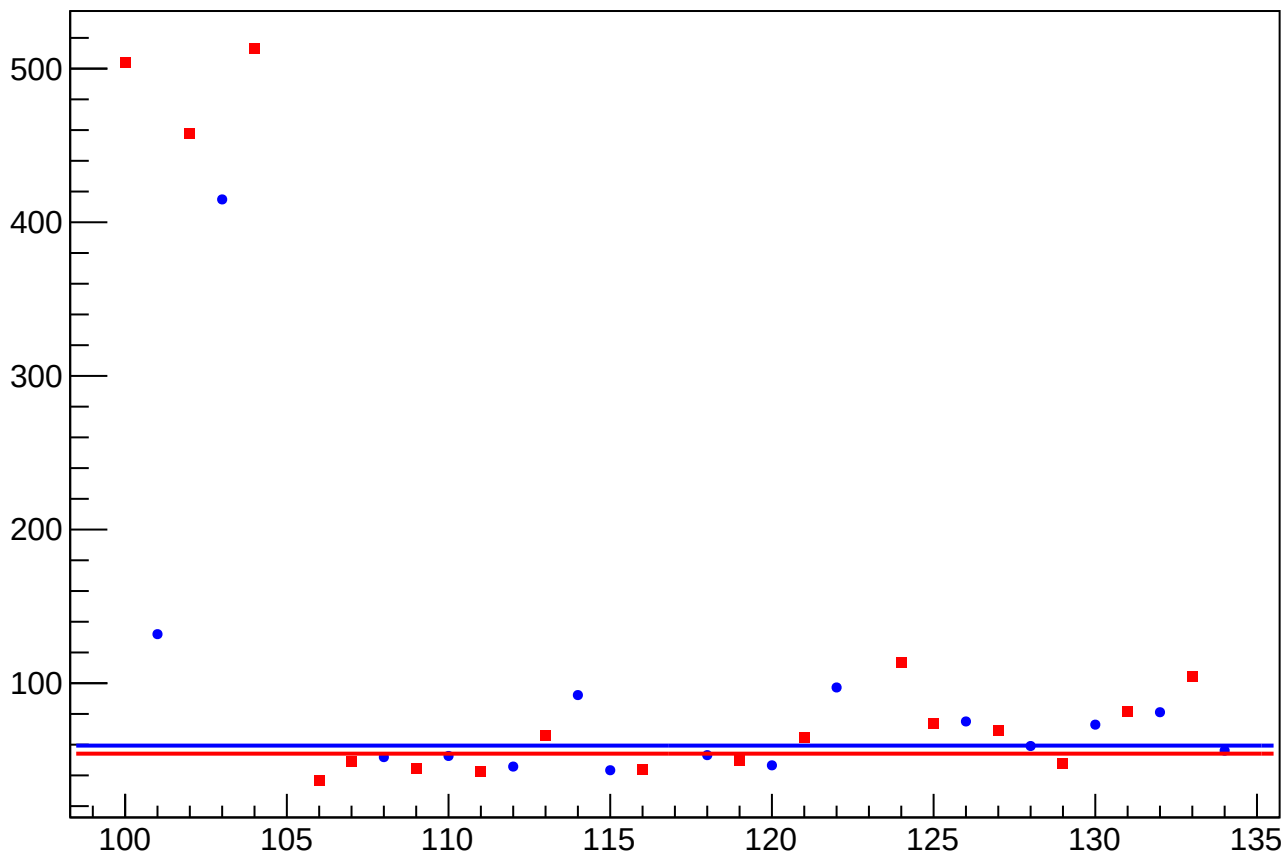
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.015 ± 0.018 χ^2/NDF : 35.6/31

- 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

Right Out: 54.144+/-0.018 χ^2/NDF : 2315305.4/16

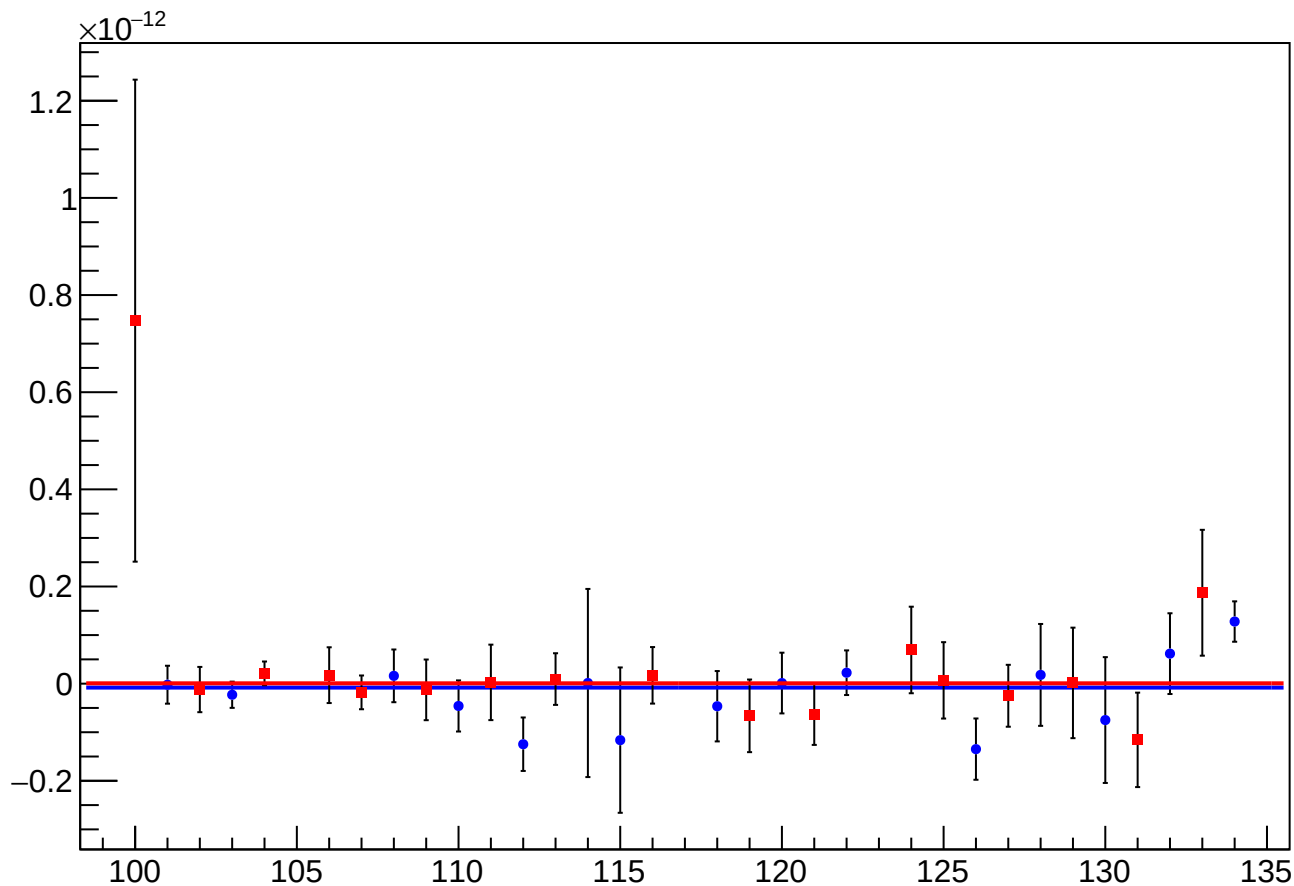
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.559+/-0.013 χ^2/NDF : 3966807.2/31

- 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+/-0.000 χ^2/NDF : 22.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.7/16

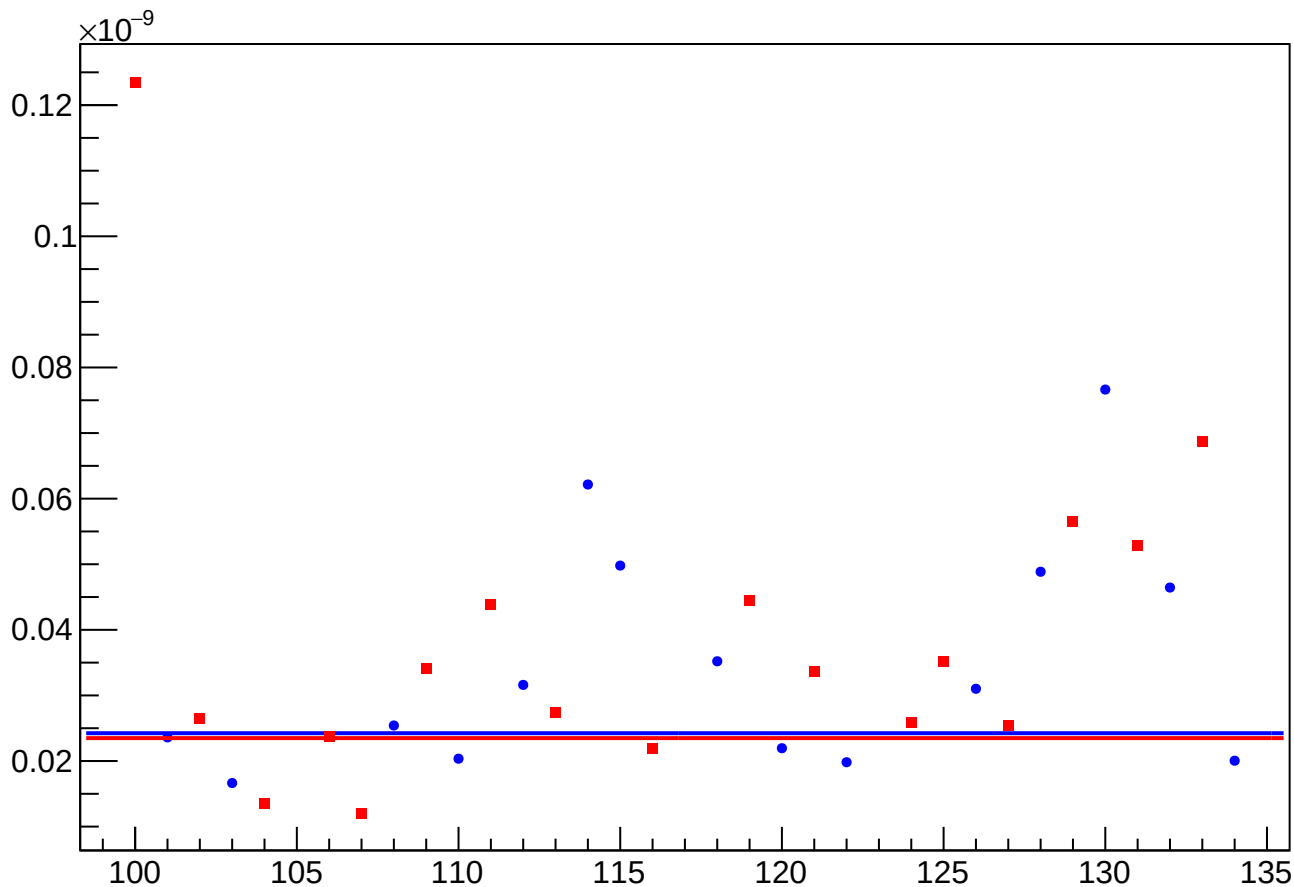
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1032392.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1700848.9/16

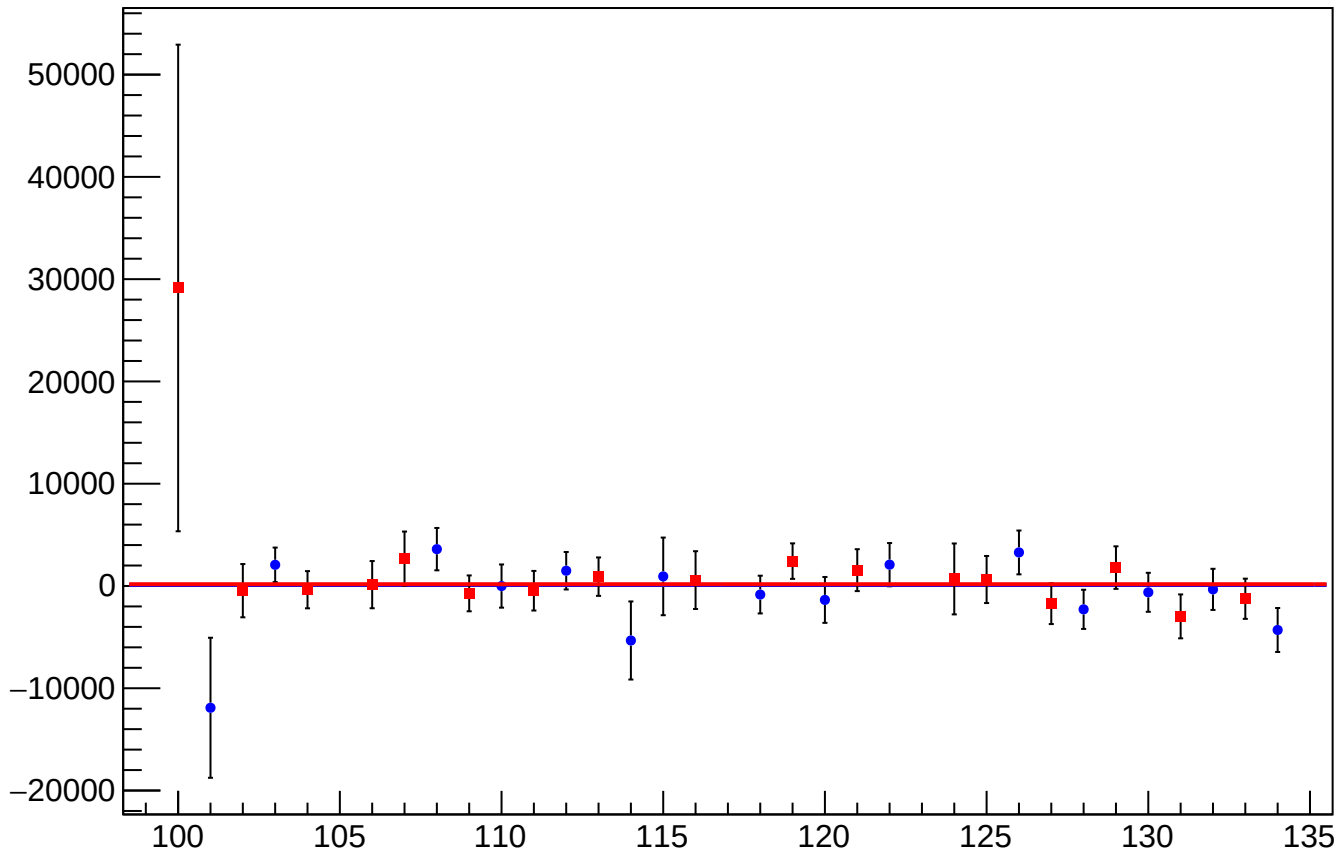
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2736230.3/31

- sign 0.000+/-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: 171.804+/-528.255 χ^2/NDF : 9.5/16

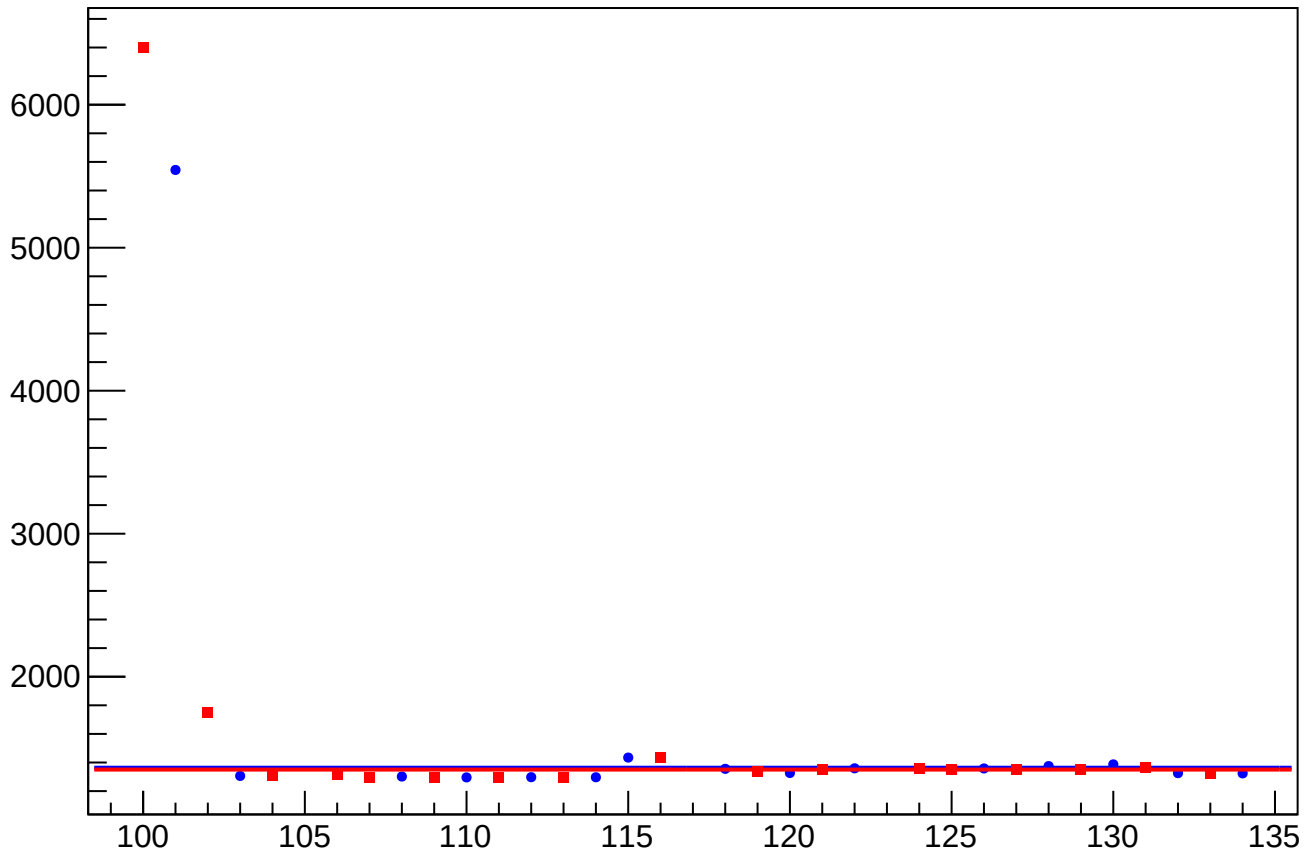
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.500+/-383.606 χ^2/NDF : 29.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_rms vs Slug



Right In: 1363.594+/-0.395 χ^2/NDF : 757869.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1350.588+/-0.374 χ^2/NDF : 146964.1/16

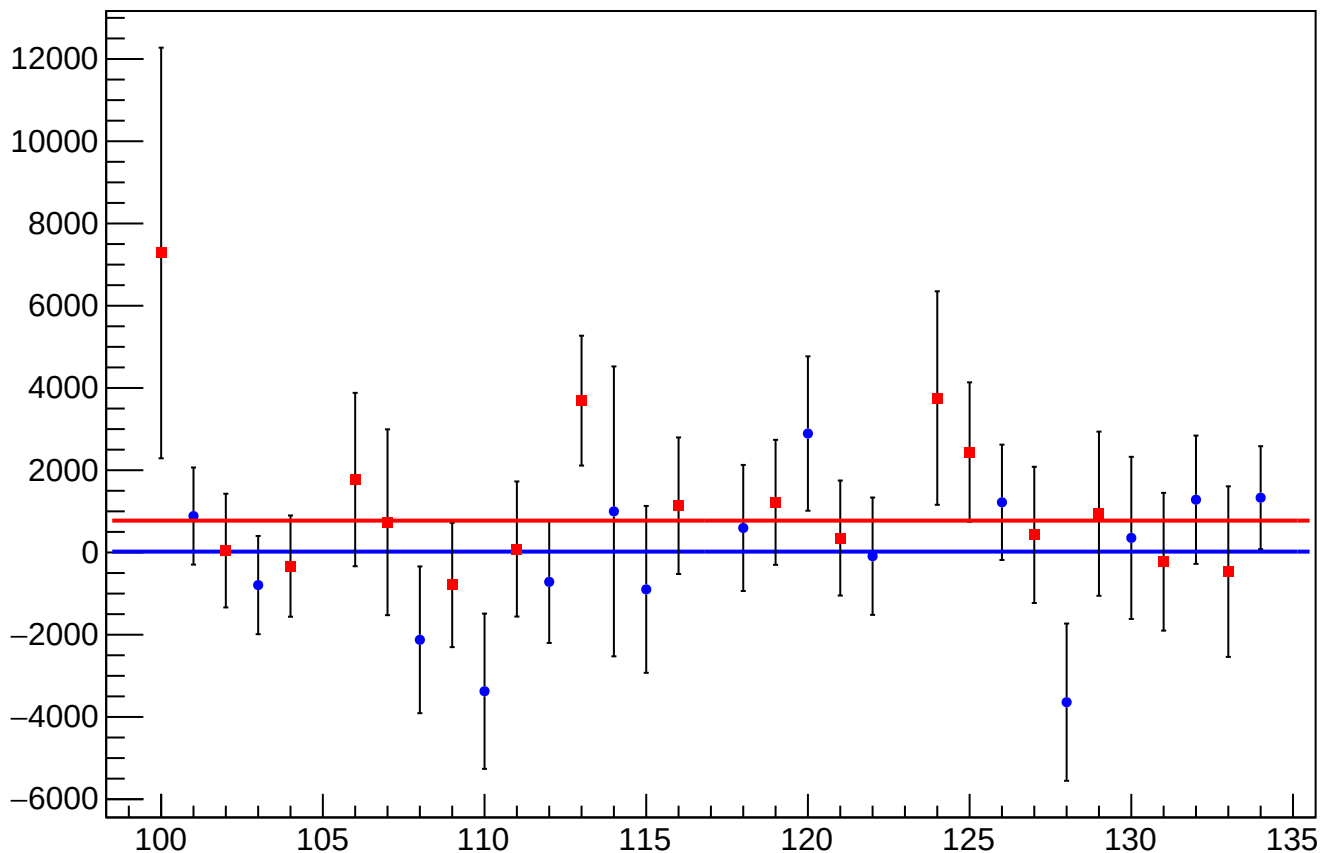
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1356.736+/-0.271 χ^2/NDF : 905406.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_reg_correction_mean vs Slug



Right In: 20.699 $\pm$ 405.594 χ^2 /NDF: 14.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 774.315 $\pm$ 413.073 χ^2 /NDF: 10.9/16

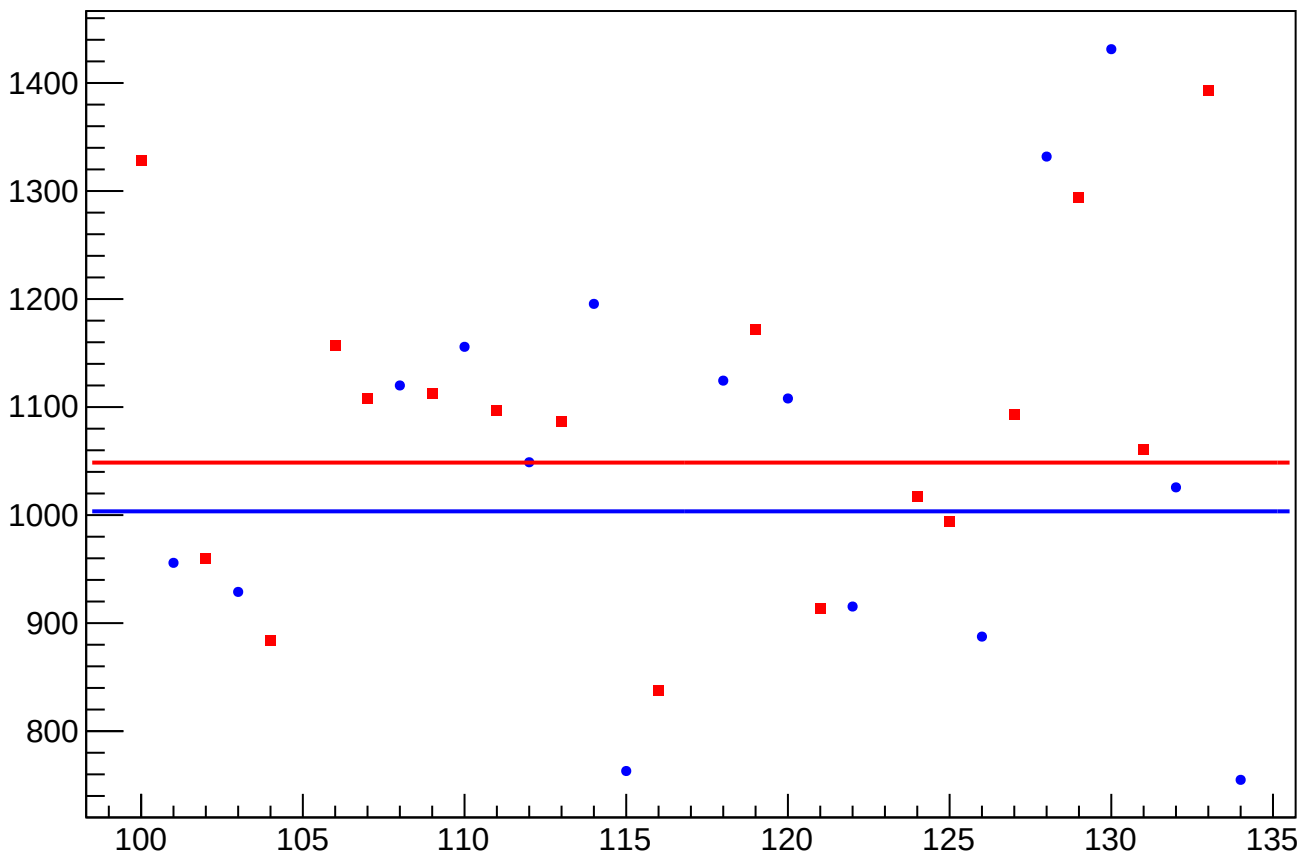
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 390.623 $\pm$ 289.406 χ^2 /NDF: 27.5/31

- sign 0.000 $\pm$ 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

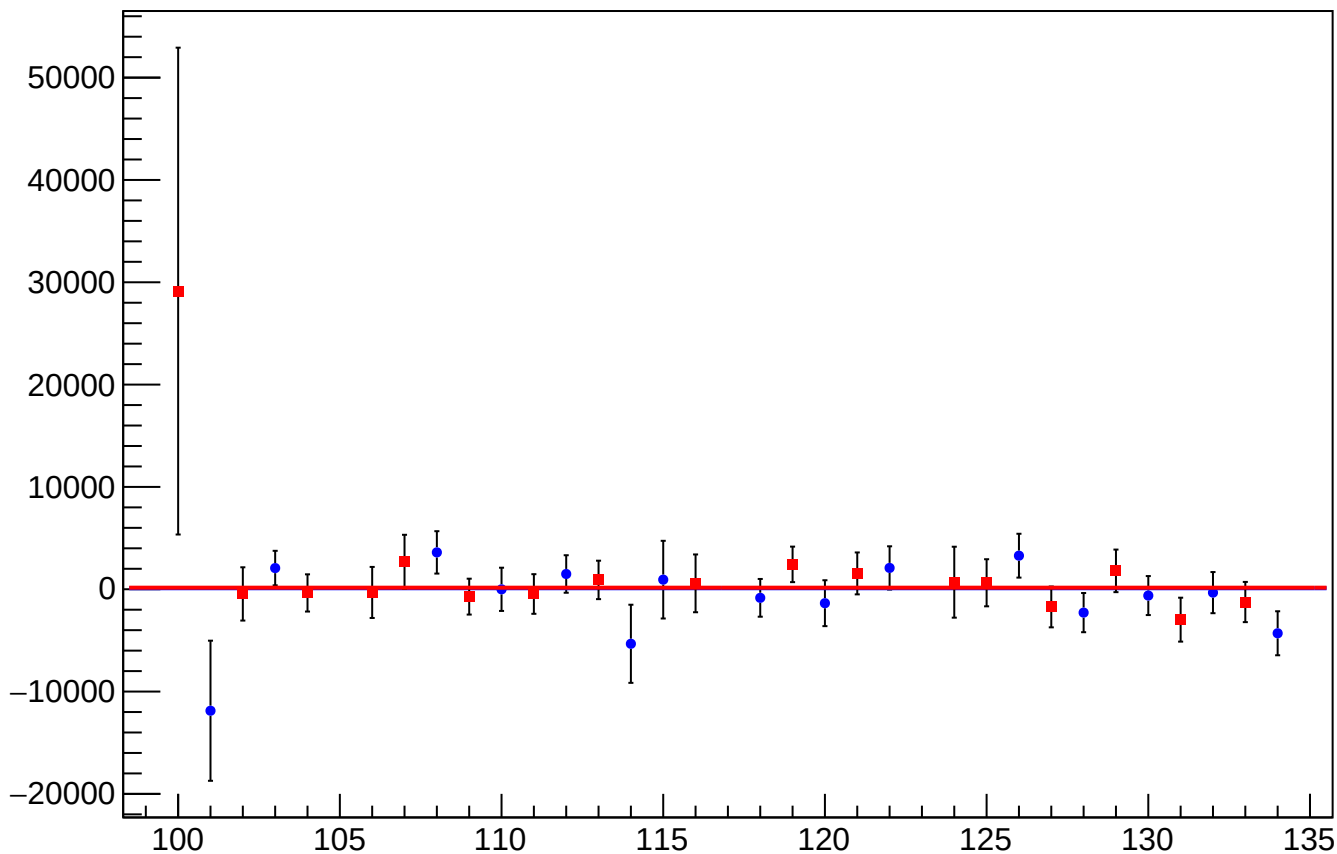
Right Out: 1048.607 $\pm$ 0.292 χ^2 /NDF: 217011.4/16

All: 1025.630 $\pm$ 0.205 χ^2 /NDF: 570022.5/31

- 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

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: 152.492+/-530.261 χ^2/NDF : 9.5/16

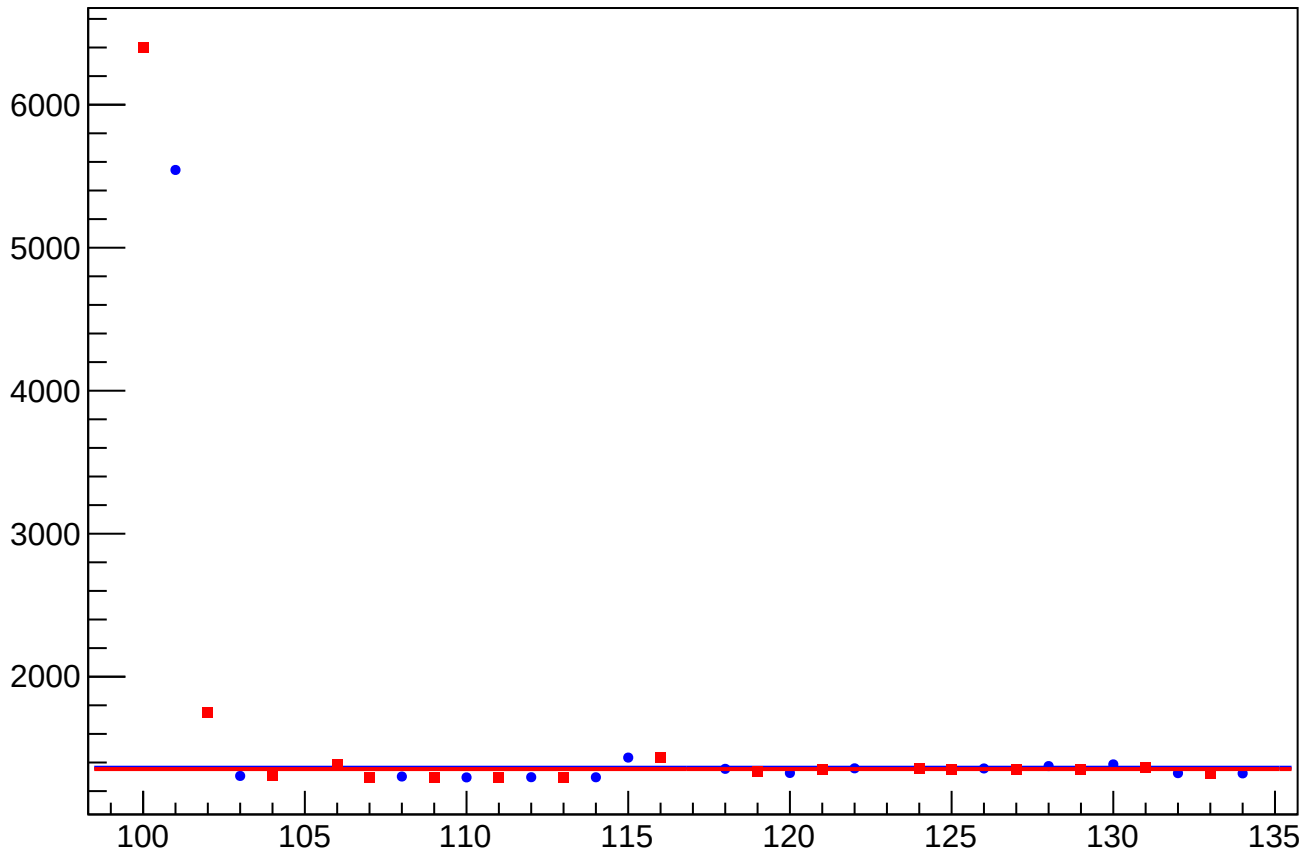
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.385+/-384.372 χ^2/NDF : 29.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr1_dd_rms vs Slug



Right In: 1363.594 $\pm$ 0.395 χ^2 /NDF: 757868.2/14

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

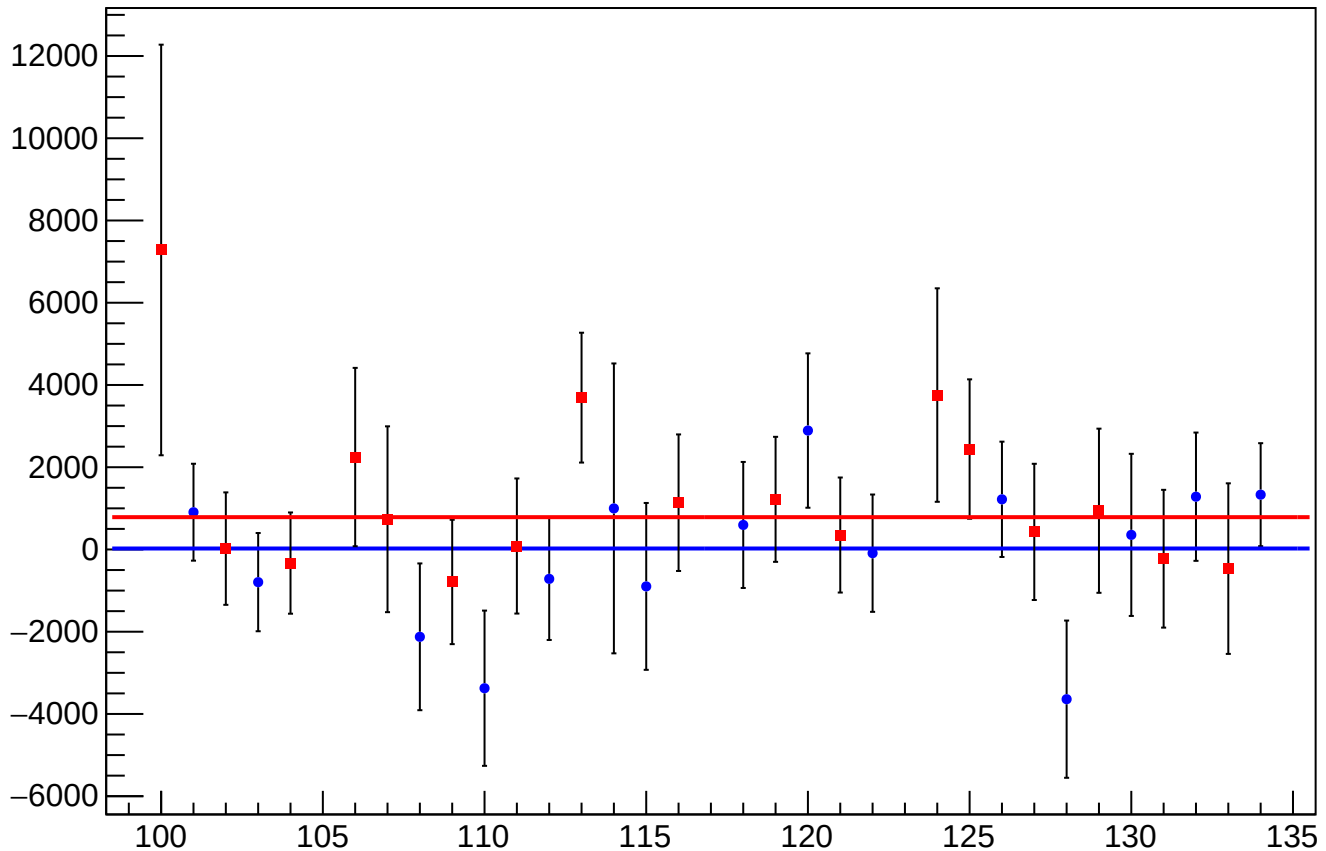
Right Out: 1354.059 $\pm$ 0.375 χ^2 /NDF: 146936.3/16

All: 1358.584 $\pm$ 0.272 χ^2 /NDF: 905111.4/31

- 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_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: 785.702 $\pm$ 413.086 χ^2 /NDF: 11.2/16

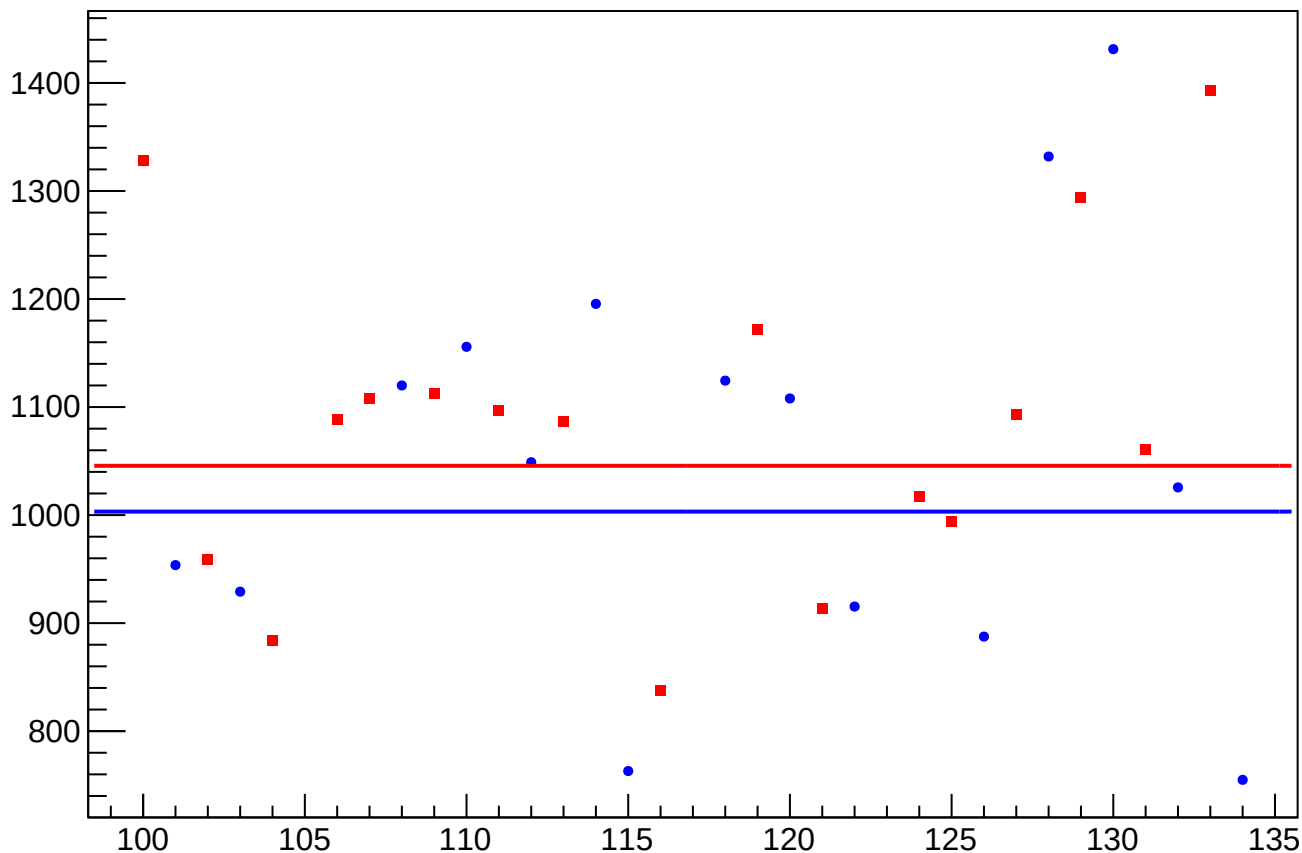
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 397.532 $\pm$ 289.374 χ^2 /NDF: 27.8/31

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

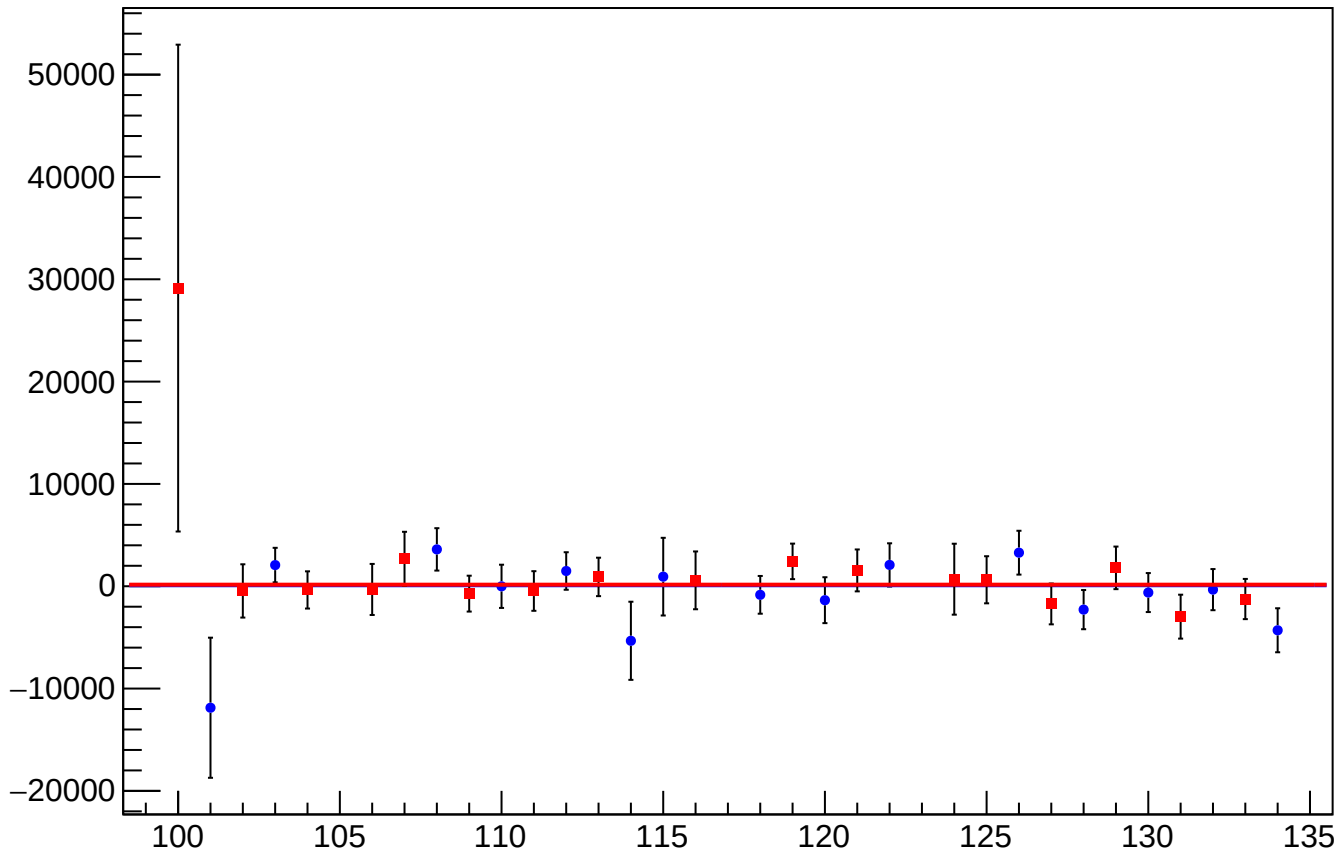
Right Out: 1045.622+/-0.292 χ^2/NDF : 212675.9/16

All: 1024.031+/-0.205 χ^2/NDF : 564529.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_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: 152.492+/-530.261 χ^2/NDF : 9.5/16

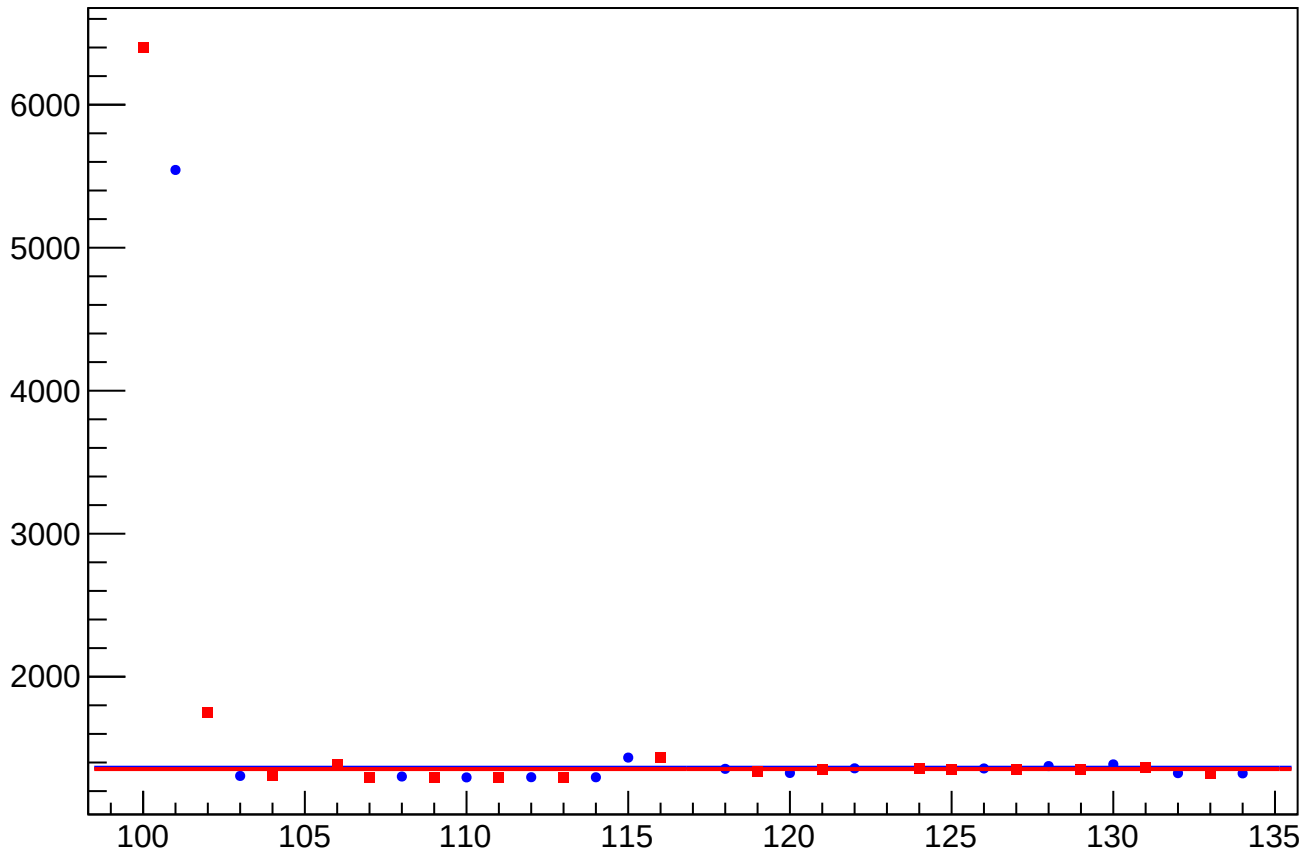
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.385+/-384.372 χ^2/NDF : 29.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr1_dd_rms vs Slug



Right In: 1363.594 $\pm$ 0.395 χ^2 /NDF: 757868.2/14

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

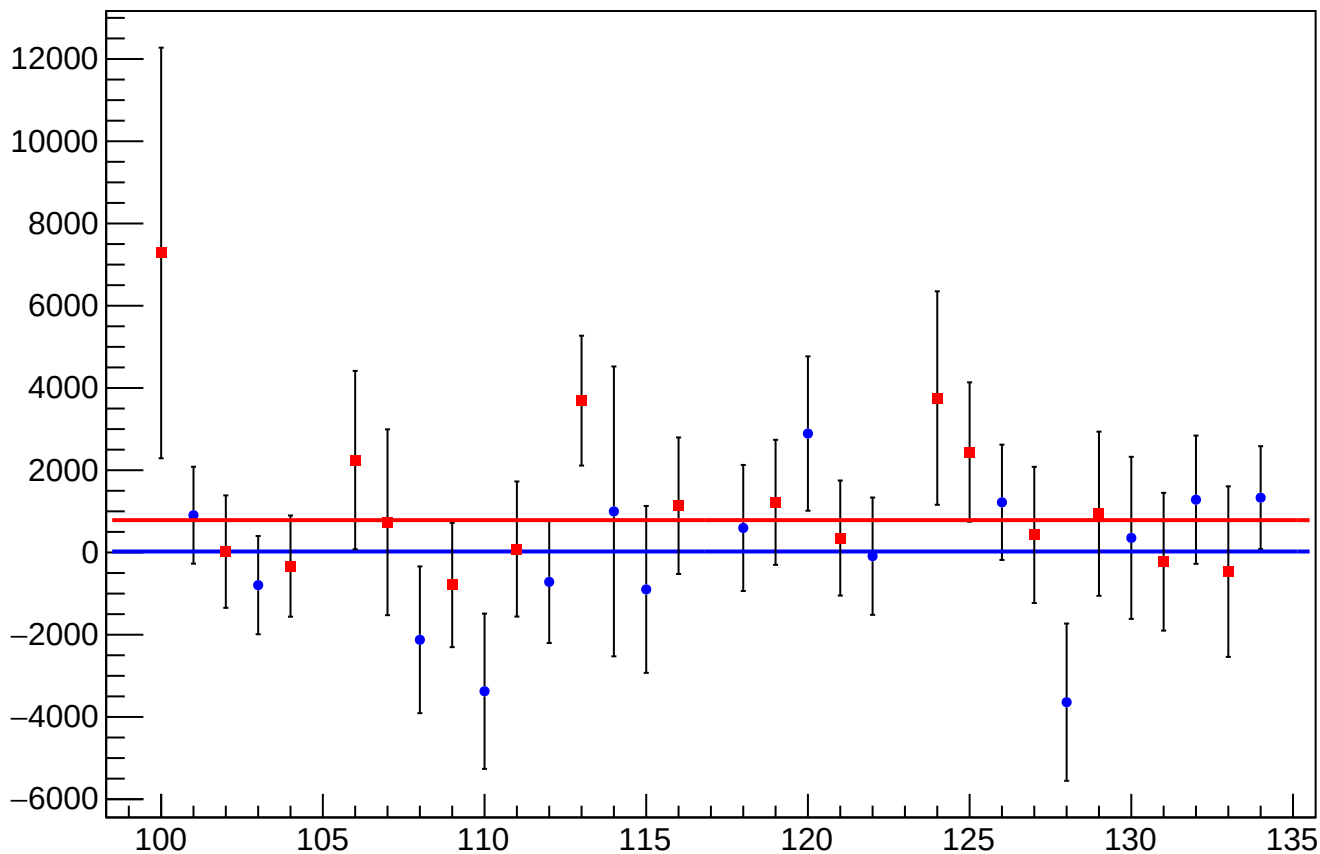
Right Out: 1354.059 $\pm$ 0.375 χ^2 /NDF: 146936.3/16

All: 1358.584 $\pm$ 0.272 χ^2 /NDF: 905111.4/31

- 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_usr_atr1_dd_eigen_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: 785.702 $\pm$ 413.086 χ^2 /NDF: 11.2/16

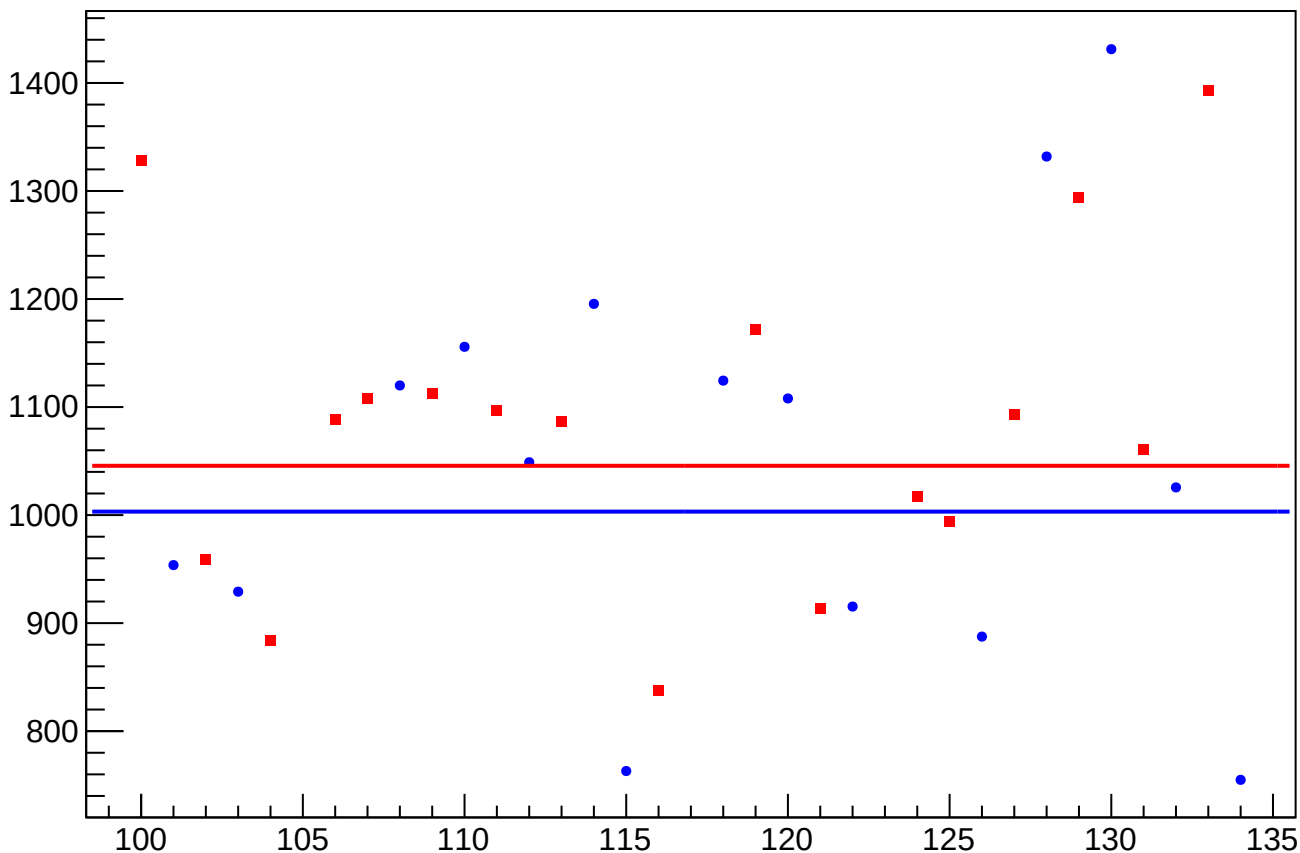
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 397.532 $\pm$ 289.374 χ^2 /NDF: 27.8/31

- sign 0.000 $\pm$ 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

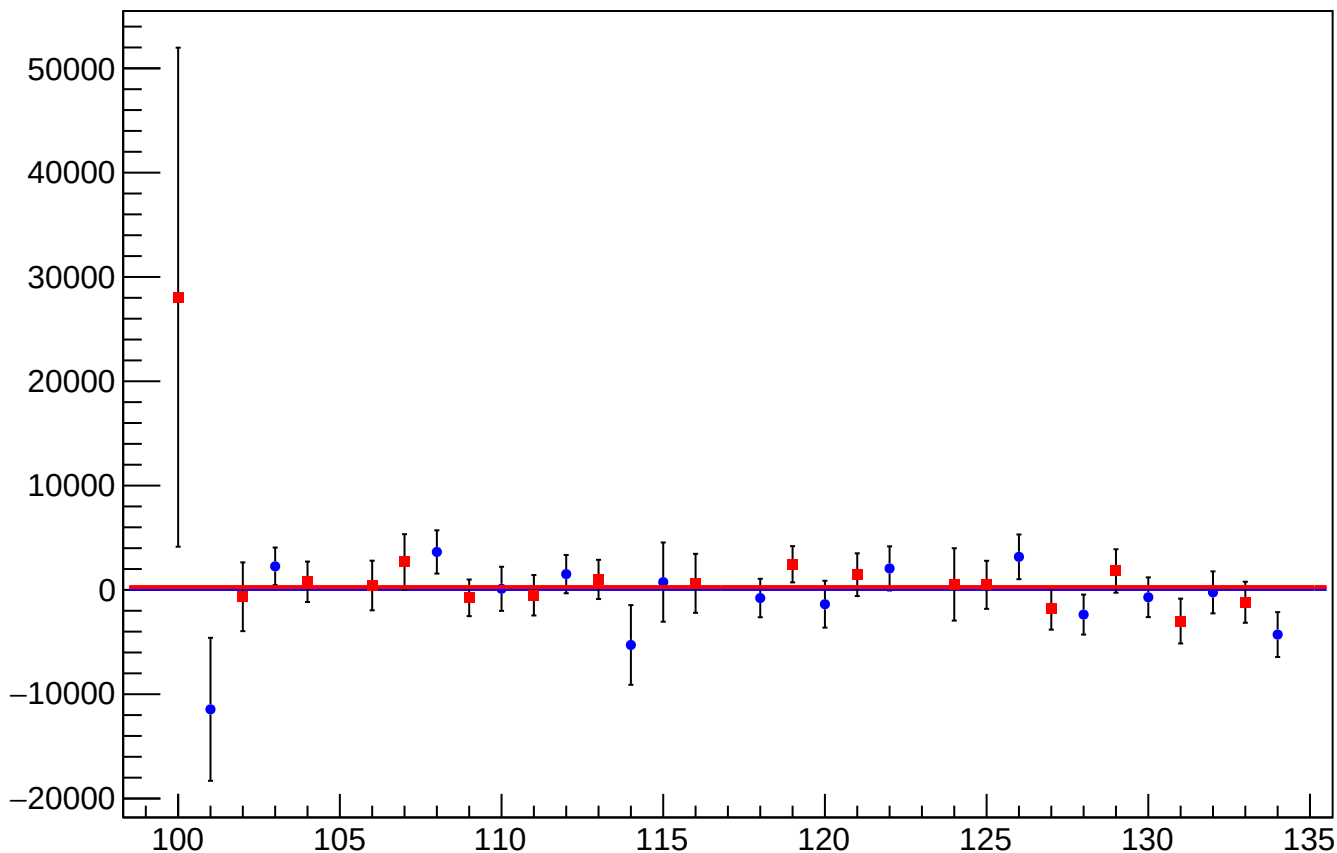
Right Out: 1045.622+/-0.292 χ^2/NDF : 212675.9/16

All: 1024.031+/-0.205 χ^2/NDF : 564529.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 270.604+/-536.351 χ^2/NDF : 9.4/16

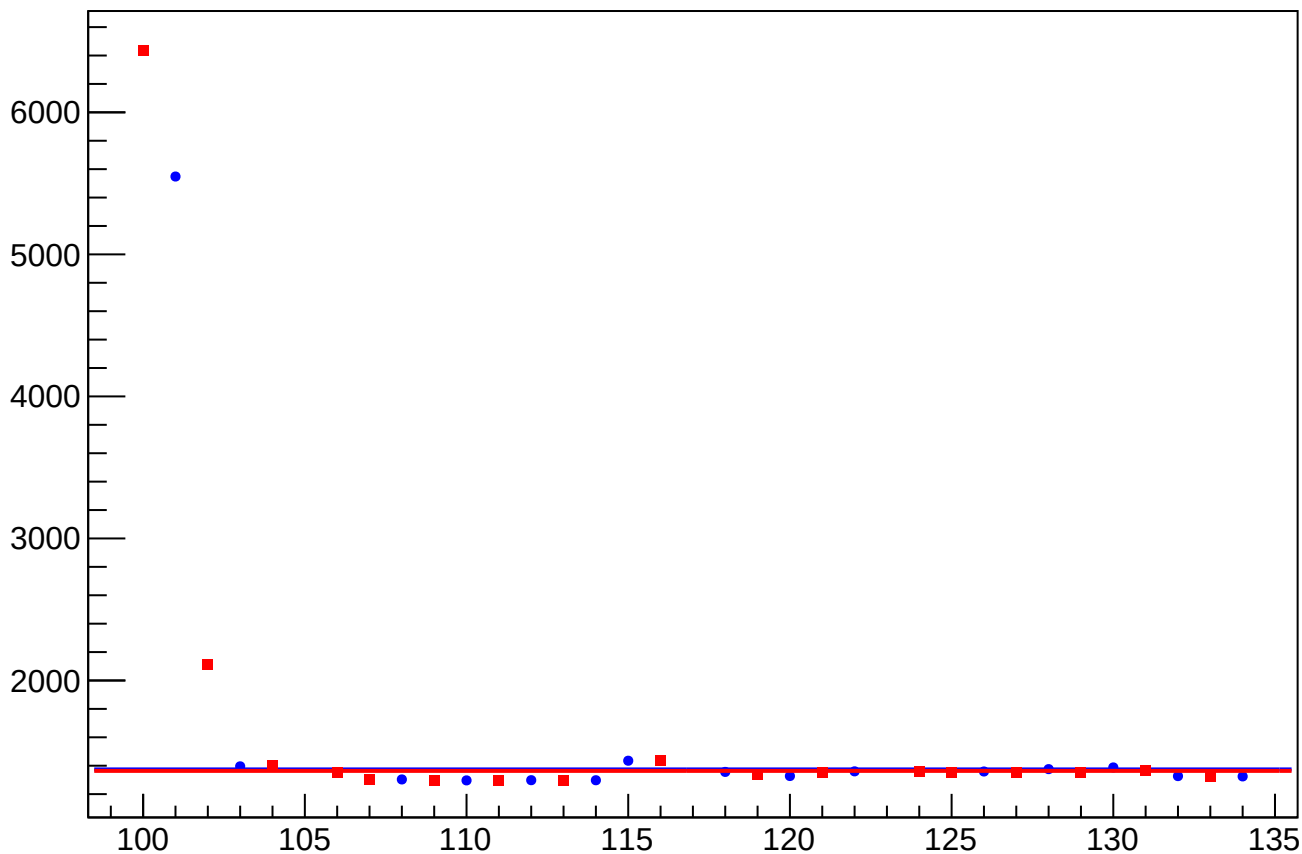
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.200+/-388.047 χ^2/NDF : 28.9/31

- 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: 1363.642 $\pm$ 0.379 χ^2 /NDF: 204648.7/16

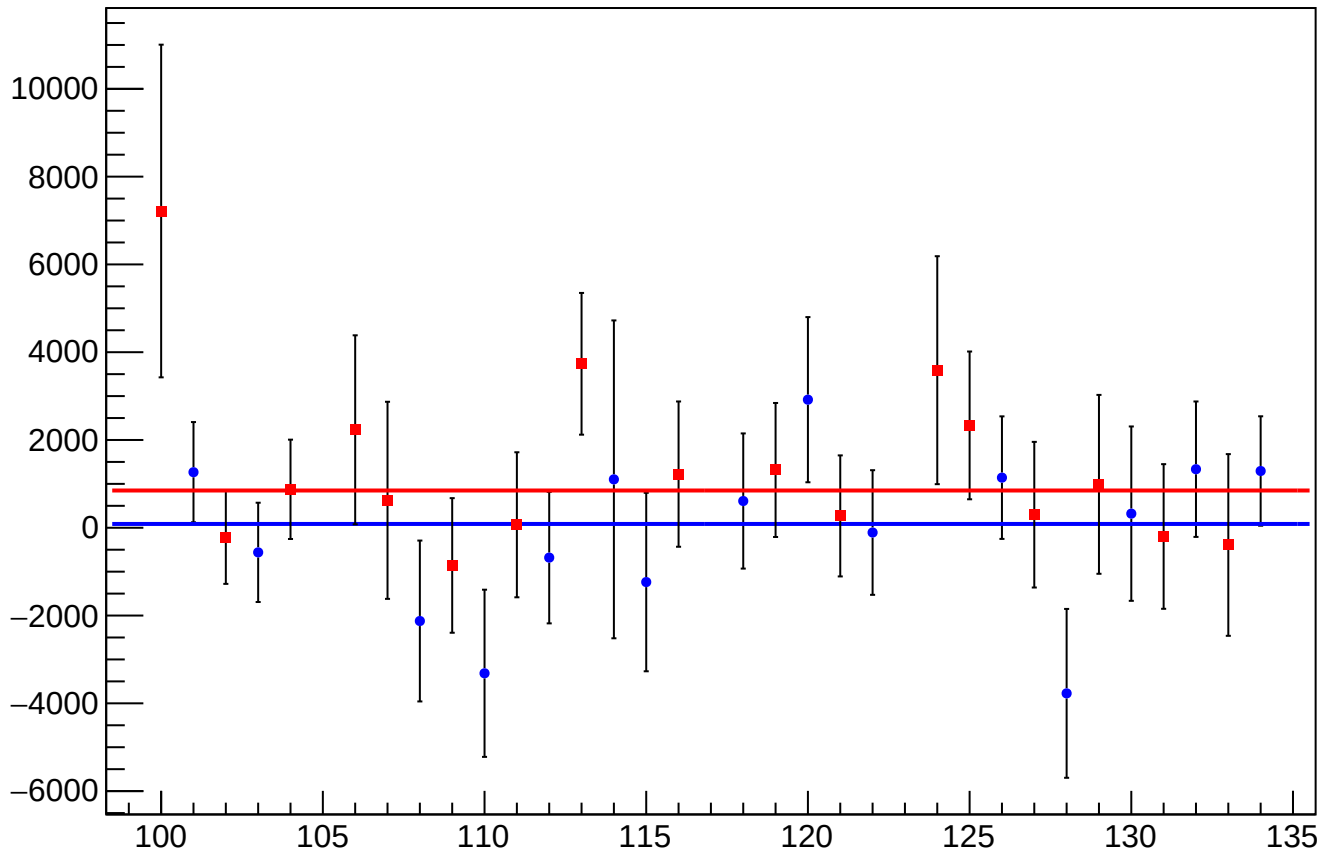
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1368.524 $\pm$ 0.274 χ^2 /NDF: 960619.6/31

- 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 $\pm$ 402.045 χ^2 /NDF: 15.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 849.098 $\pm$ 396.964 χ^2 /NDF: 12.0/16

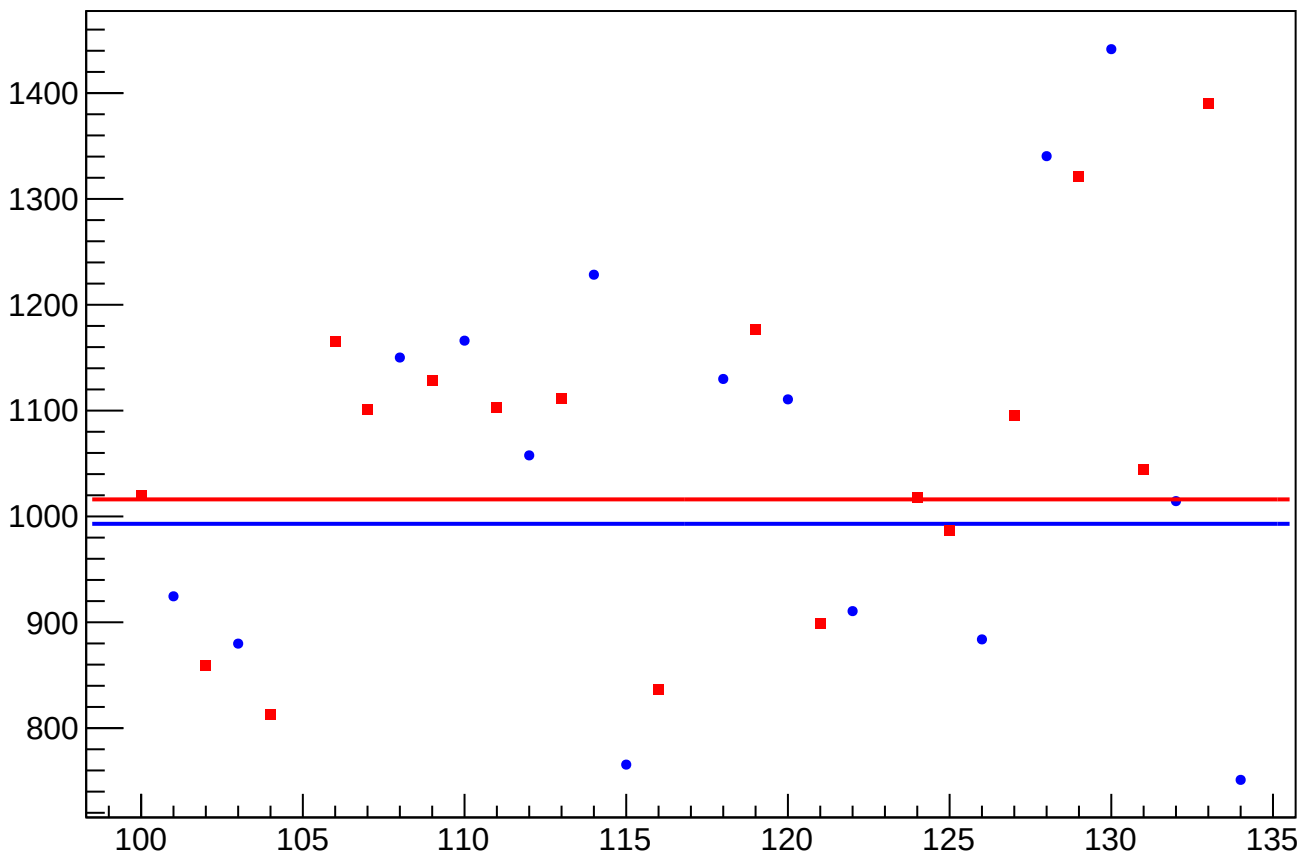
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 472.823 $\pm$ 282.475 χ^2 /NDF: 29.2/31

- sign 0.000 $\pm$ 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: 1016.116+/-0.281 χ^2/NDF : 319536.2/16

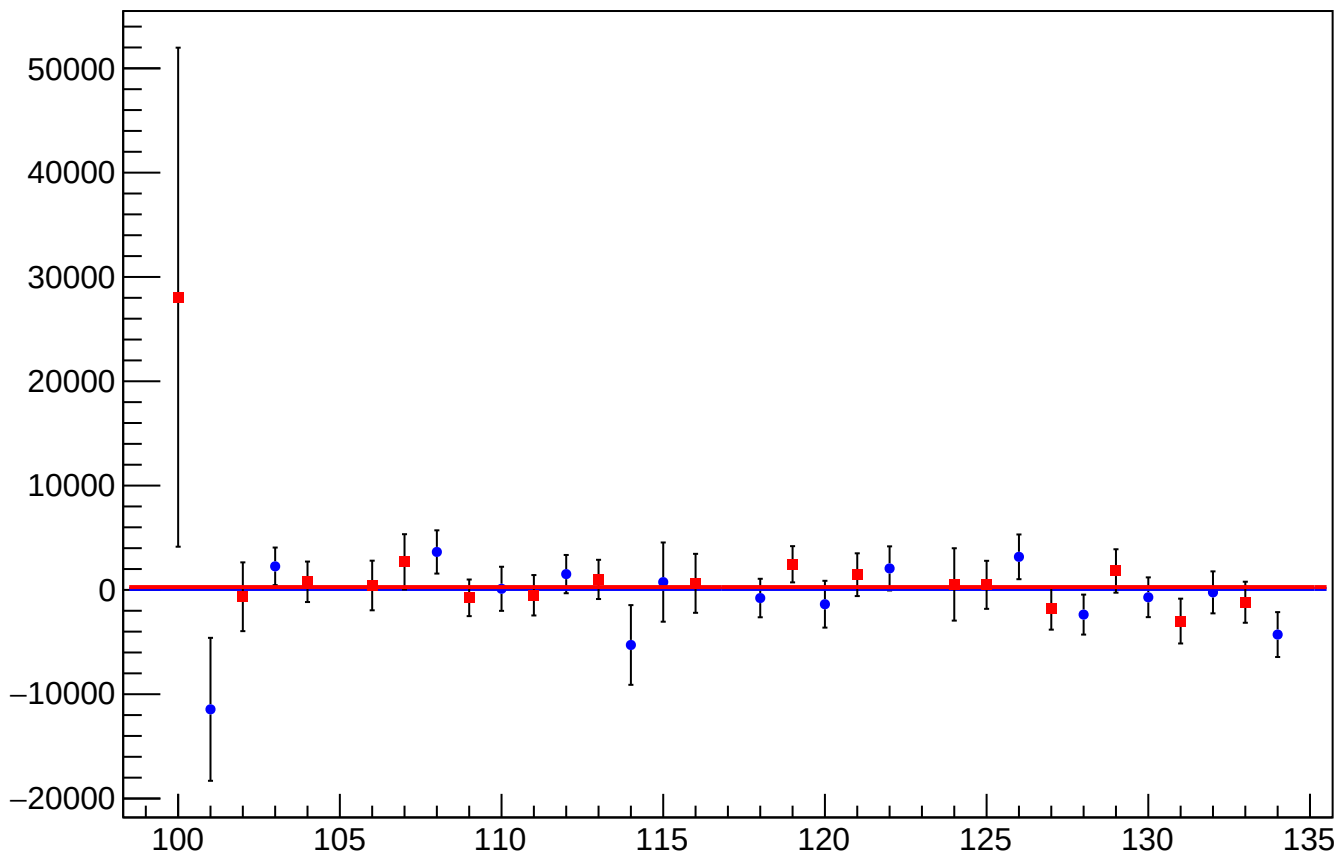
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1004.720+/-0.200 χ^2/NDF : 704059.2/31

- 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: 270.602+/-536.351 χ^2/NDF : 9.4/16

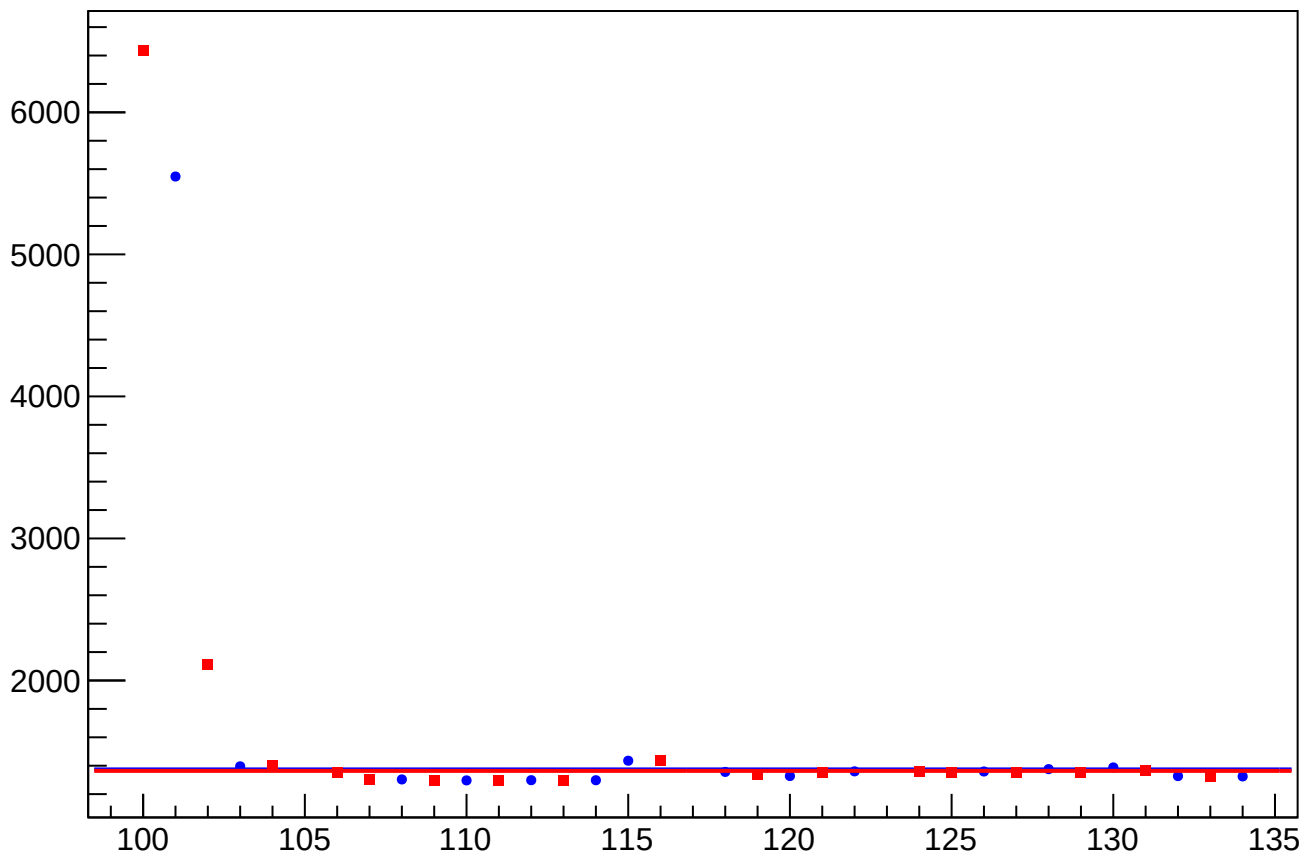
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.199+/-388.047 χ^2/NDF : 28.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_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: 1363.642 $\pm$ 0.379 χ^2 /NDF: 204648.6/16

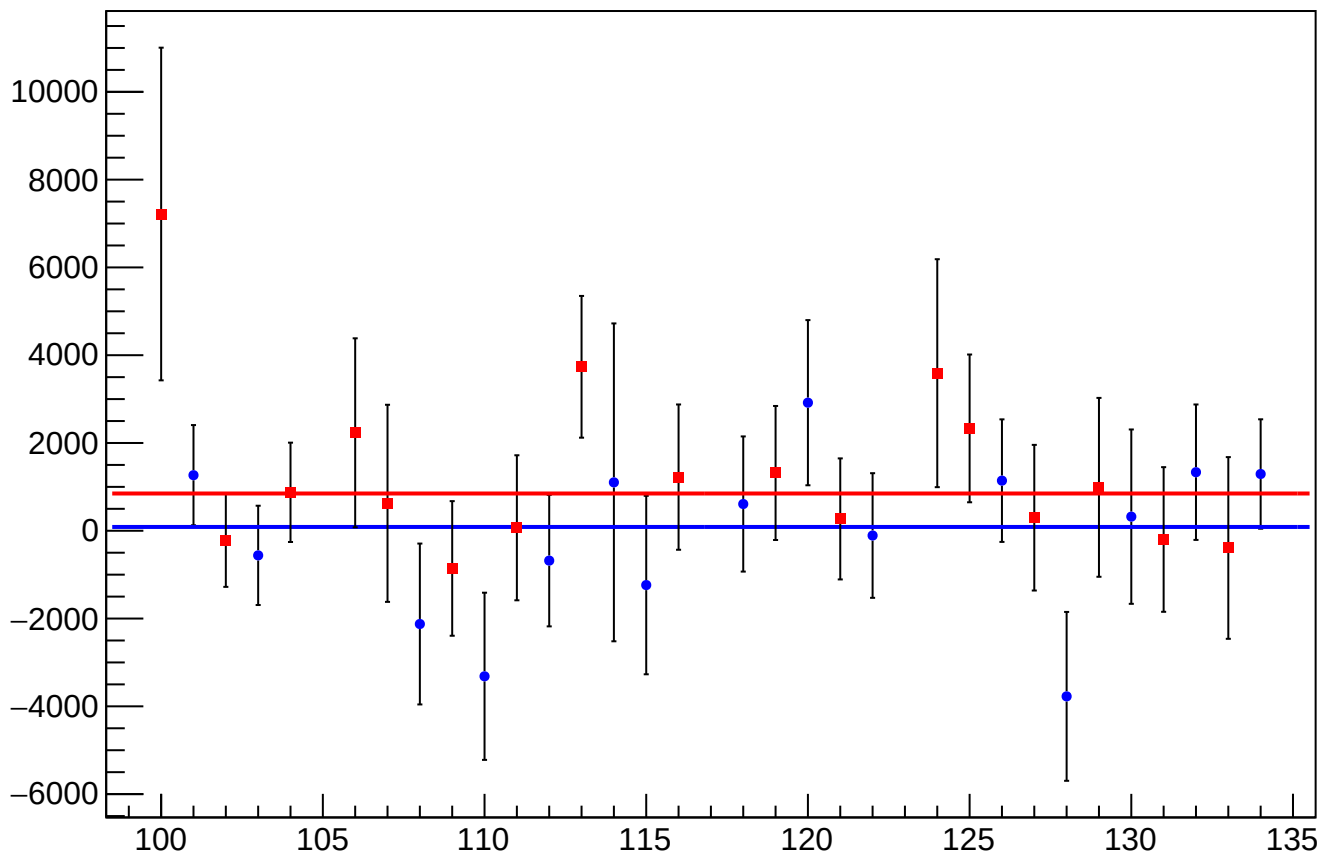
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1368.524 $\pm$ 0.274 χ^2 /NDF: 960619.6/31

- sign 0.000 $\pm$ 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: 849.097 $\pm$ 396.964 χ^2 /NDF: 12.0/16

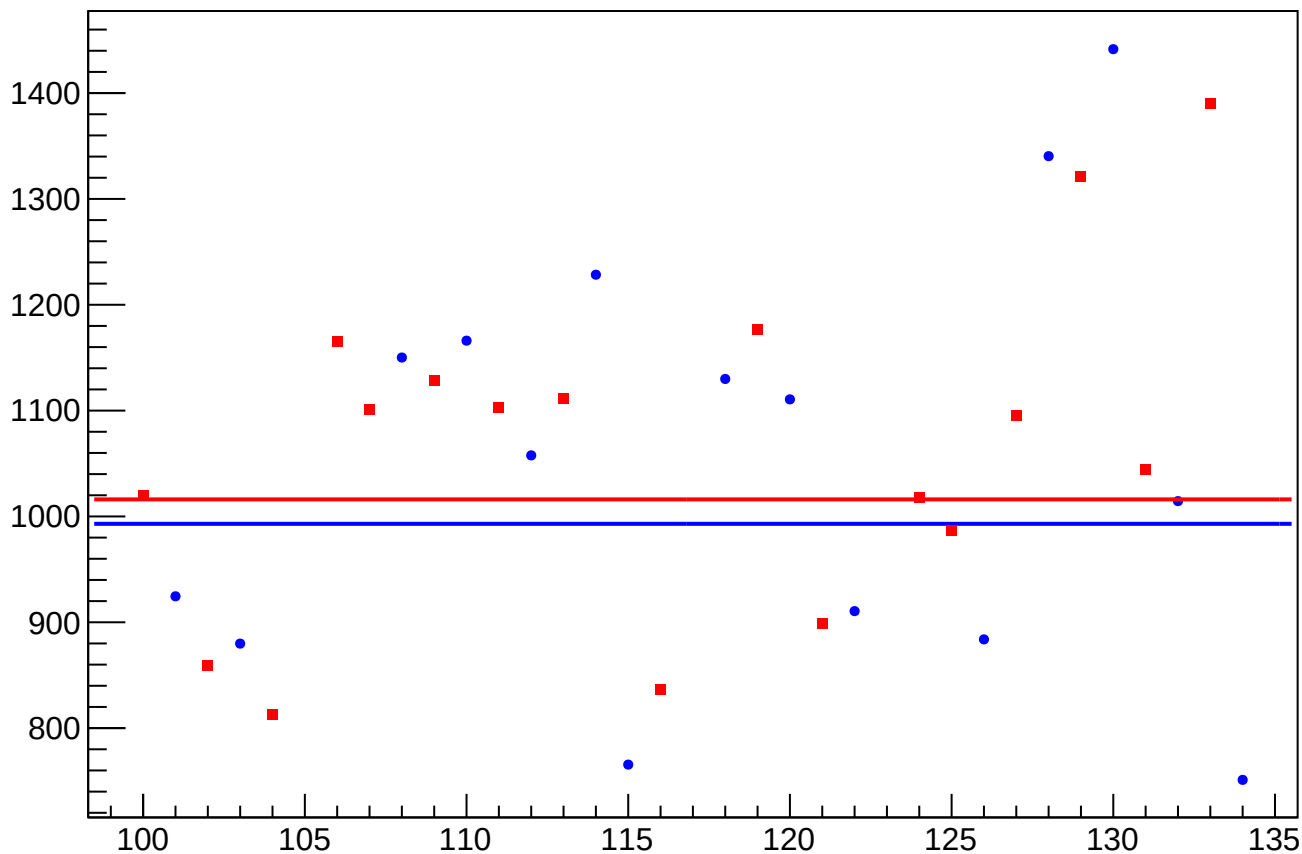
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 472.822 $\pm$ 282.475 χ^2 /NDF: 29.2/31

- 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: 1016.115+/-0.281 χ^2/NDF : 319529.8/16

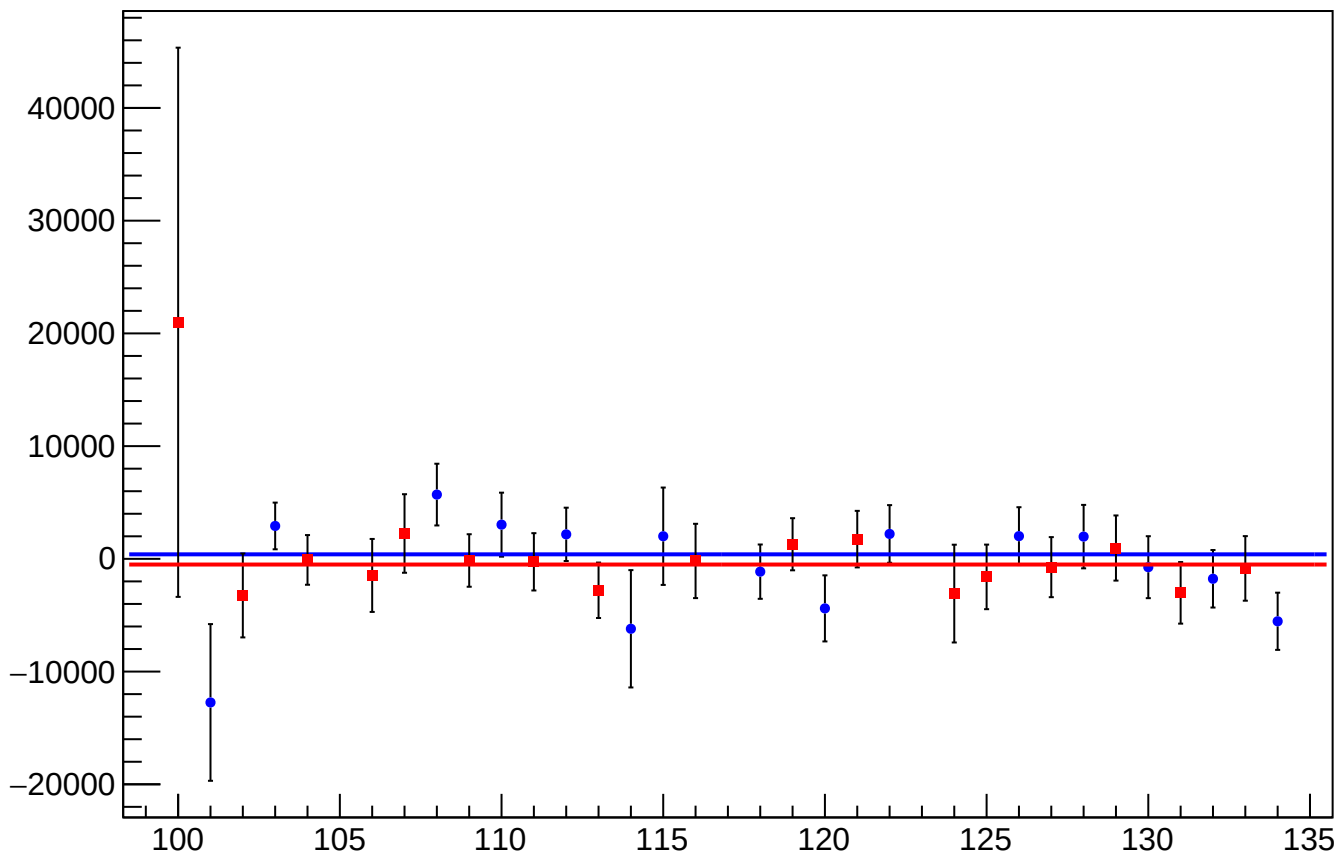
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1004.718+/-0.200 χ^2/NDF : 704047.5/31

- 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: -504.212+/-691.421 χ^2/NDF : 6.0/16

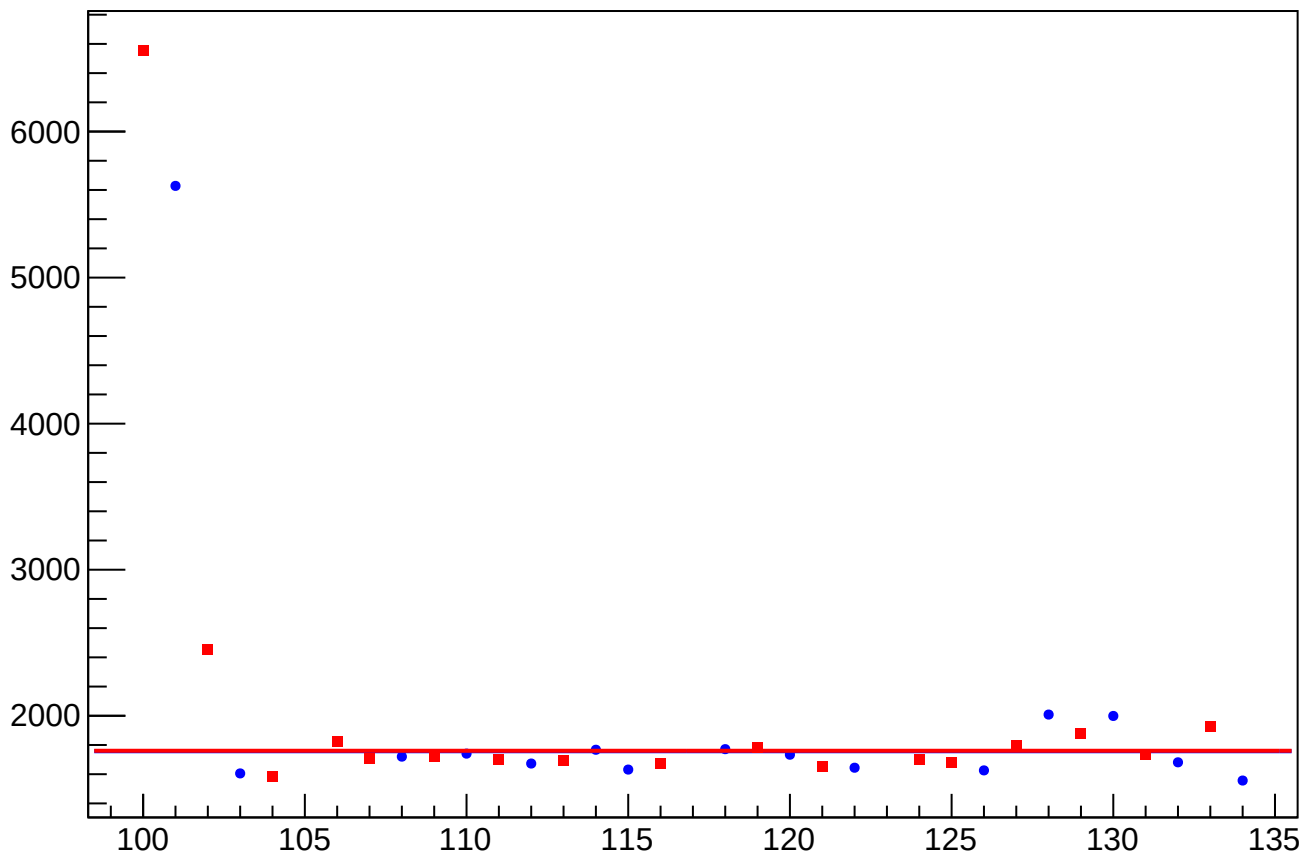
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.708+/-497.895 χ^2/NDF : 29.5/31

- 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: 1760.450+/-0.489 χ^2/NDF : 181601.0/16

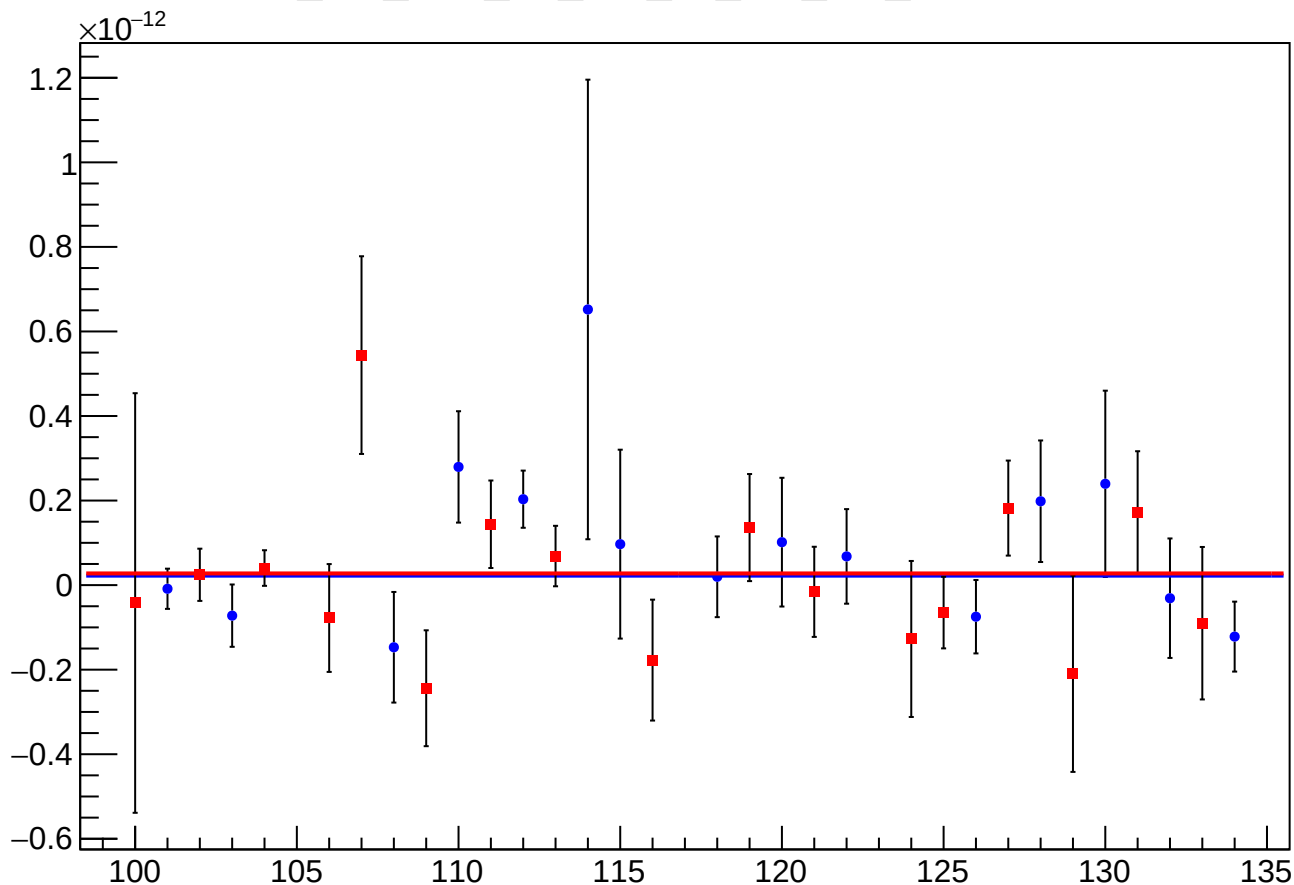
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1758.825+/-0.352 χ^2/NDF : 872307.8/31

- 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+/-0.000 χ^2/NDF : 23.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.4/16

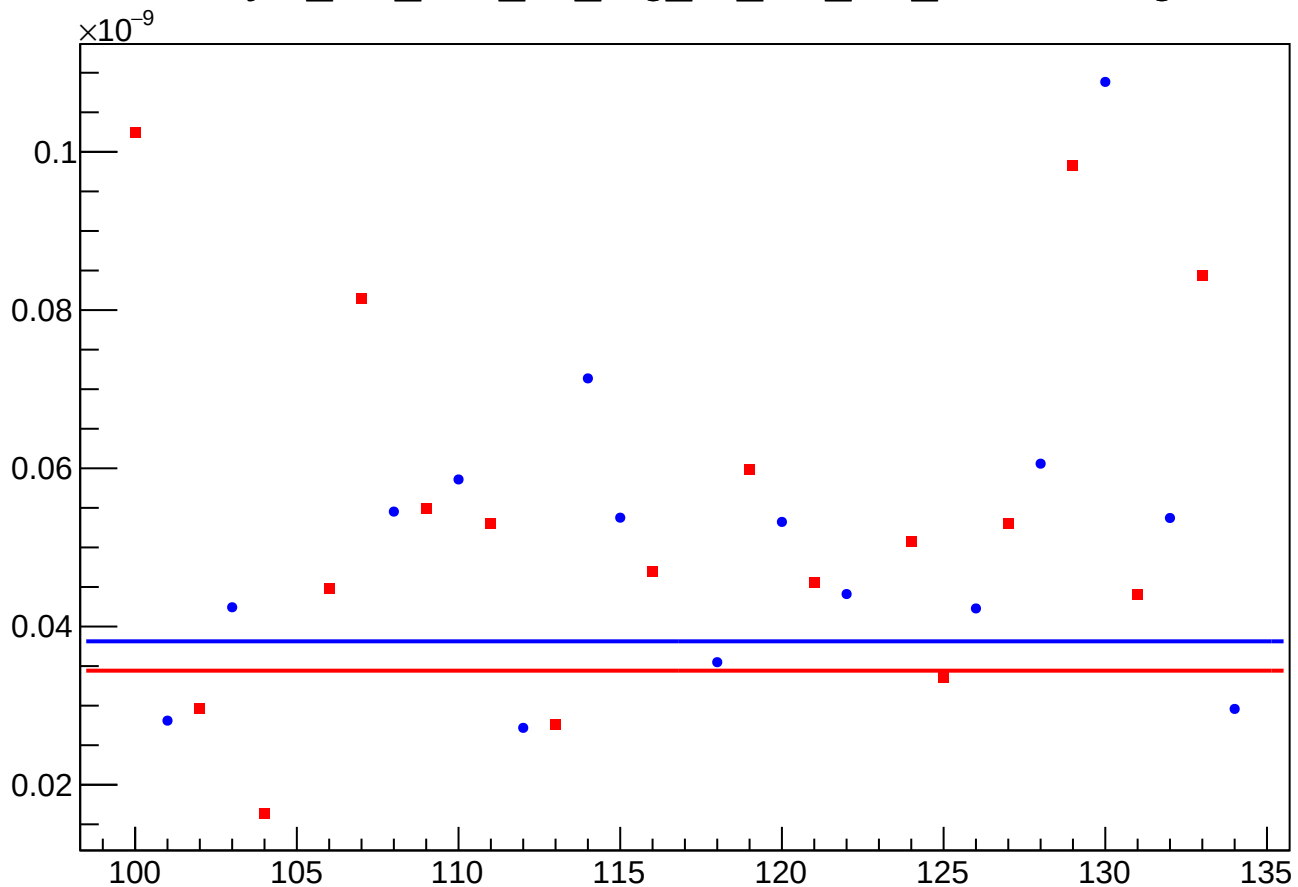
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 43.9/31

- sign 0.000+/-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 : 1141331.2/16

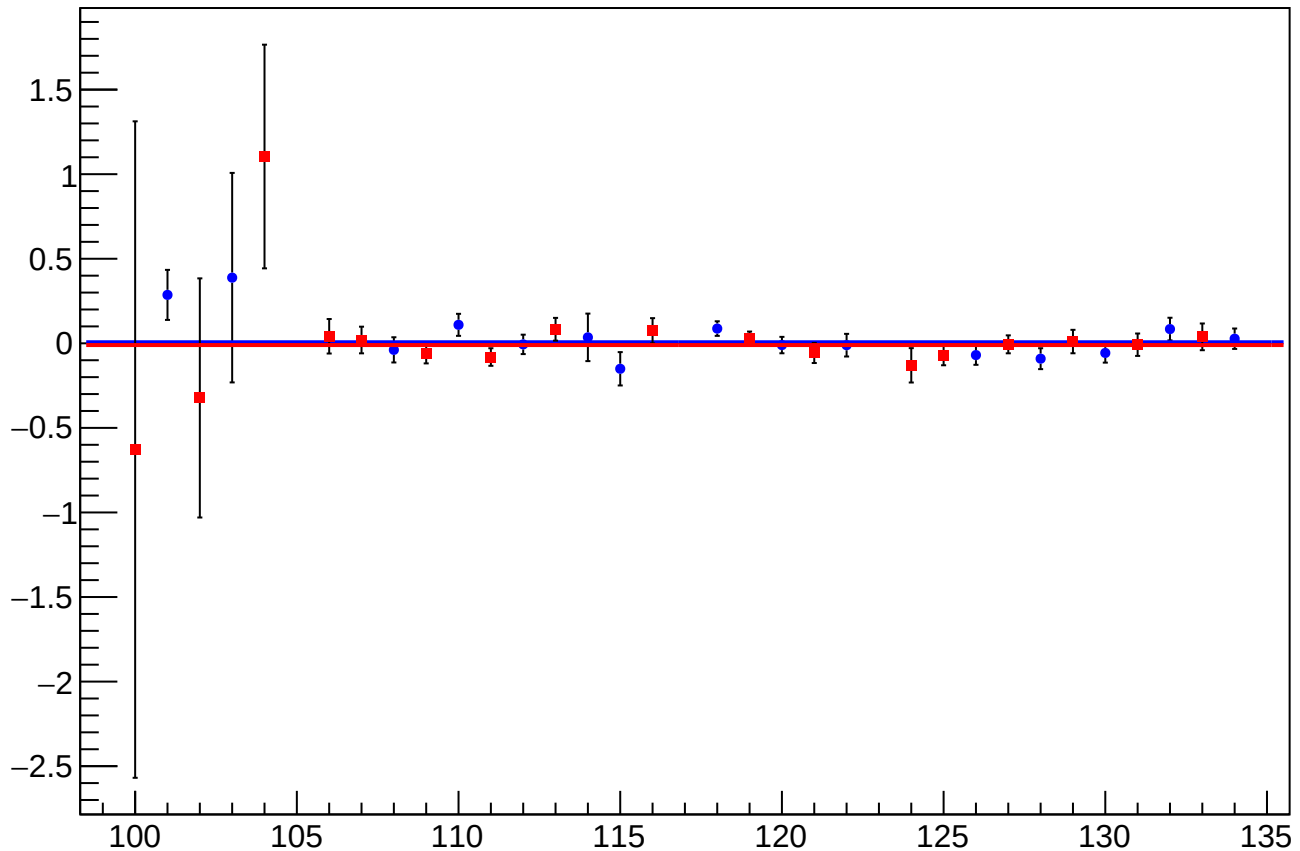
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1741636.2/31

- 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: -0.010 $\pm$ 0.017 χ^2 /NDF: 13.7/16

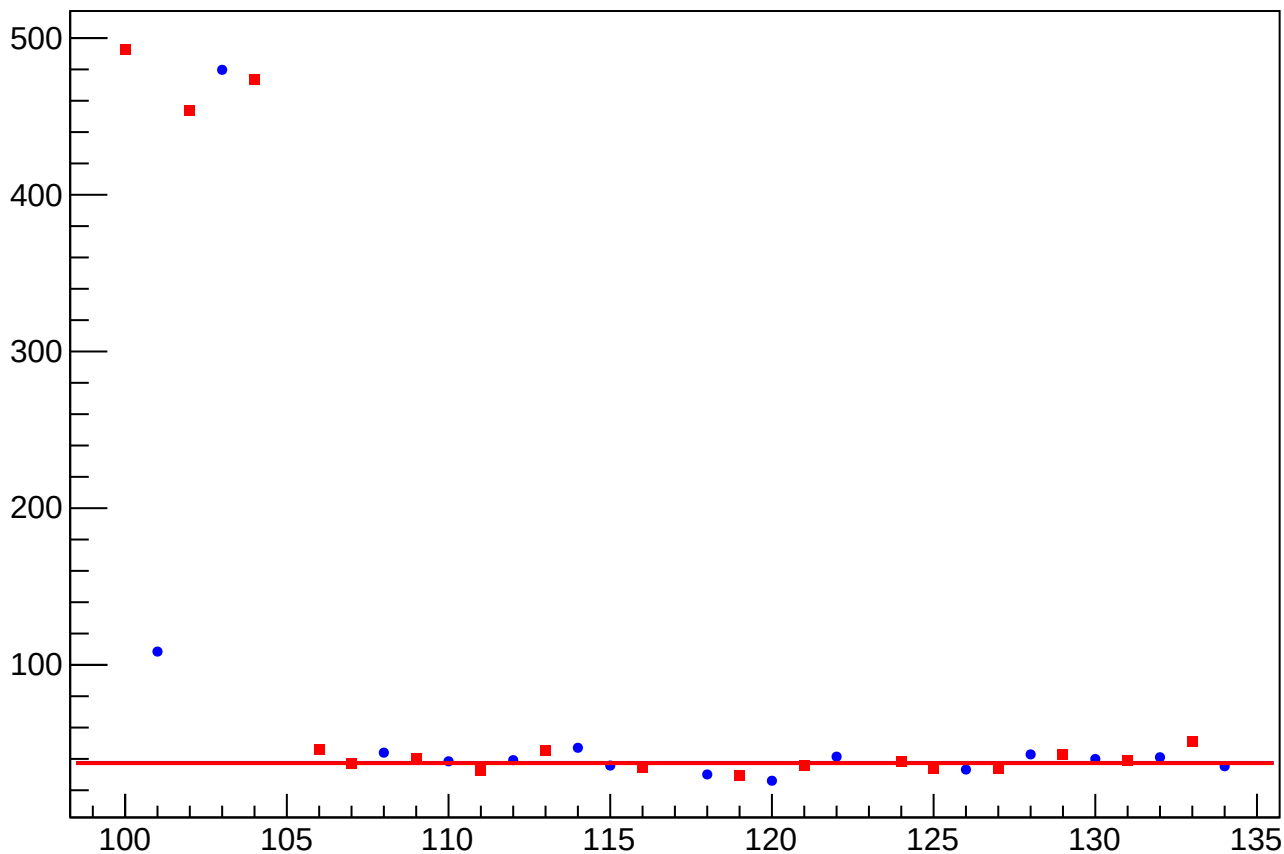
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.002 $\pm$ 0.012 χ^2 /NDF: 34.2/31

- 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: 37.331+/-0.012 χ^2/NDF : 1899984.1/16

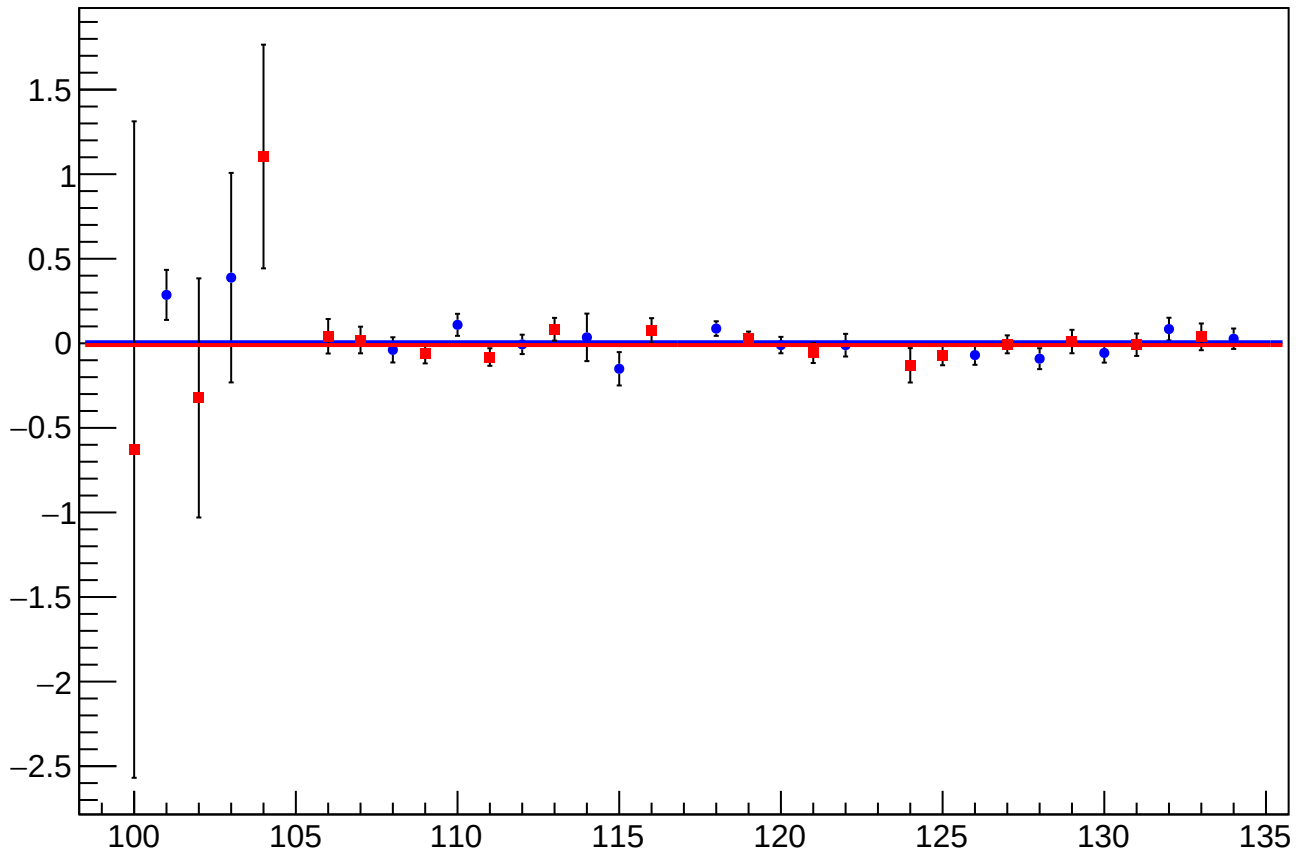
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.372+/-0.008 χ^2/NDF : 3623204.8/31

- 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 $\pm$ 0.017 χ^2 /NDF: 20.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.017 χ^2 /NDF: 13.7/16

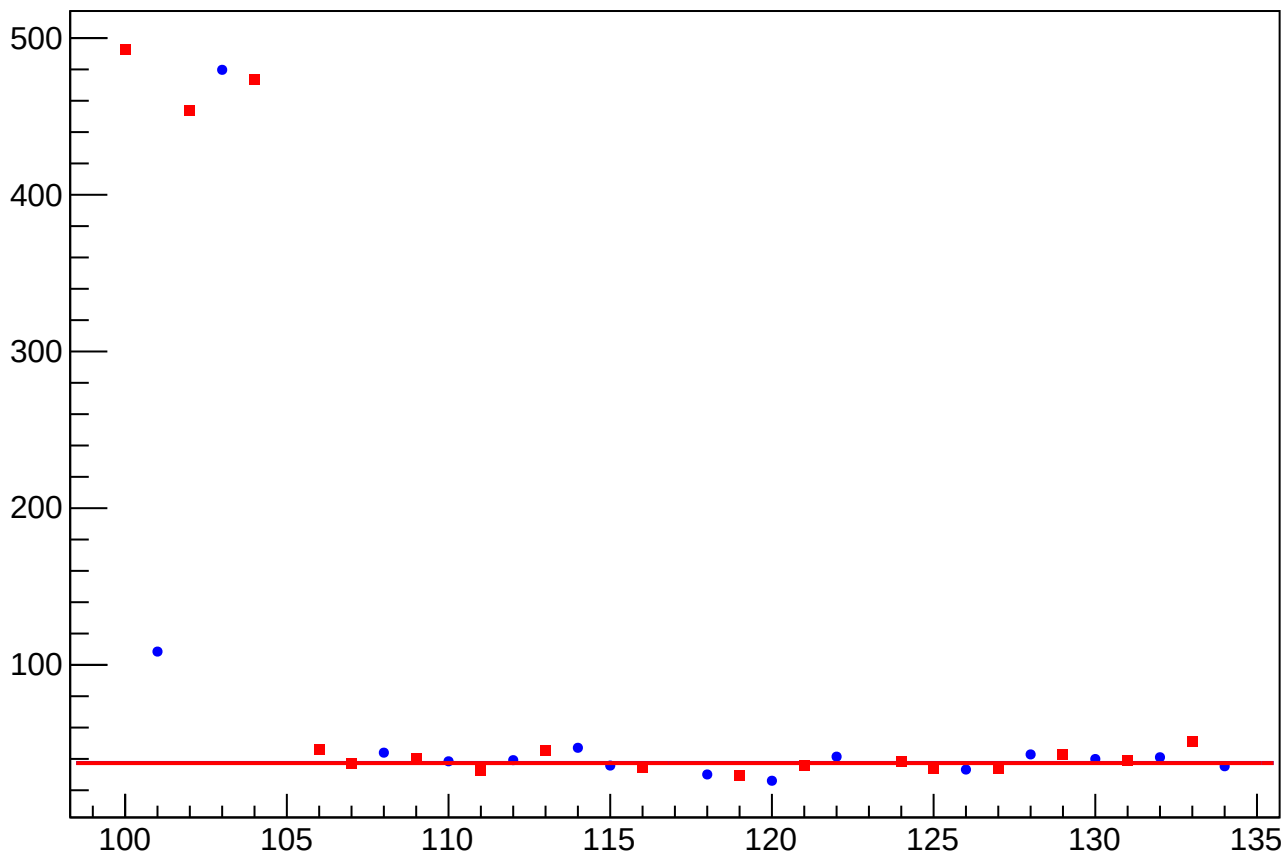
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.002 $\pm$ 0.012 χ^2 /NDF: 34.2/31

- sign 0.000 $\pm$ 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: 37.331+/-0.012 χ^2/NDF : 1899984.1/16

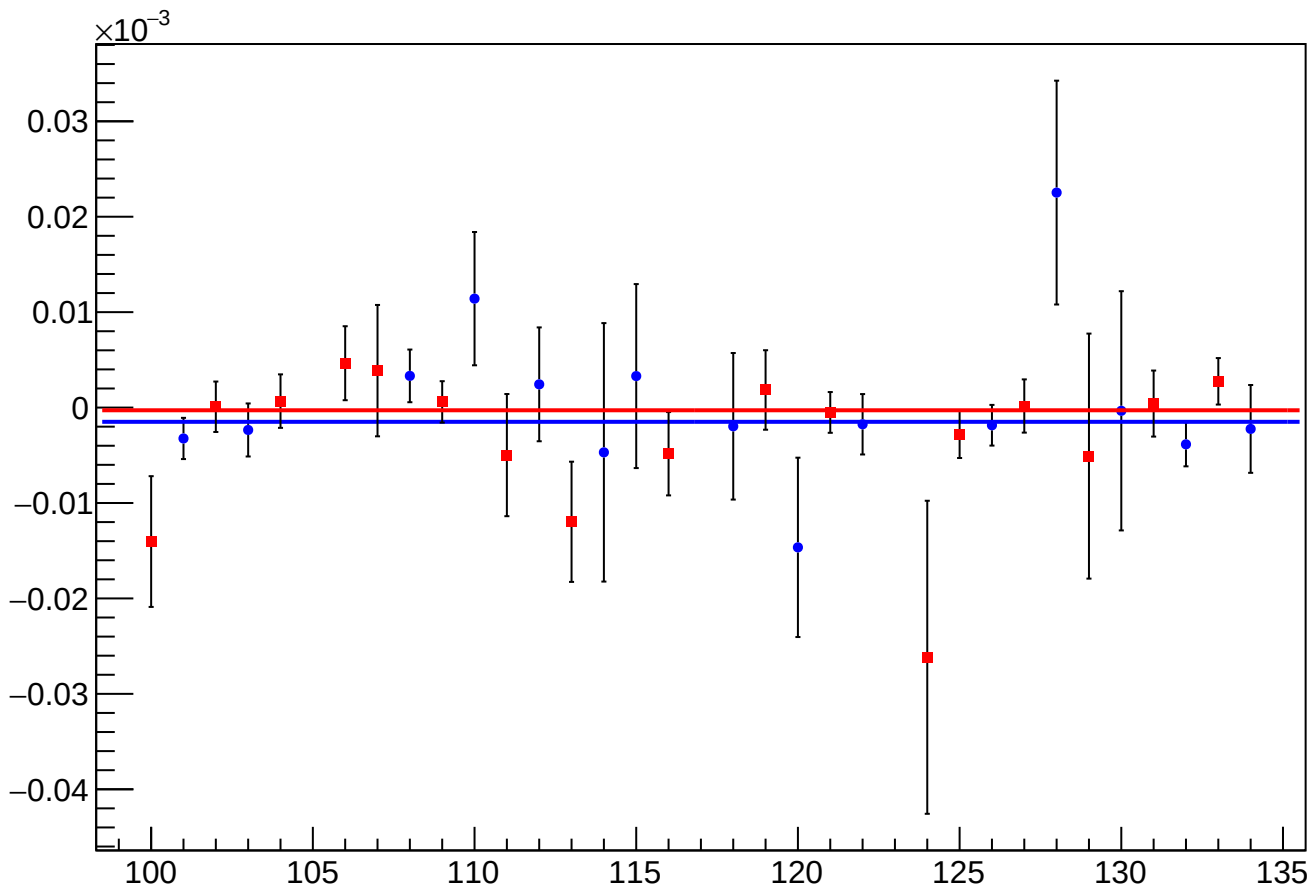
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.372+/-0.008 χ^2/NDF : 3623204.8/31

- 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: 17.0/16

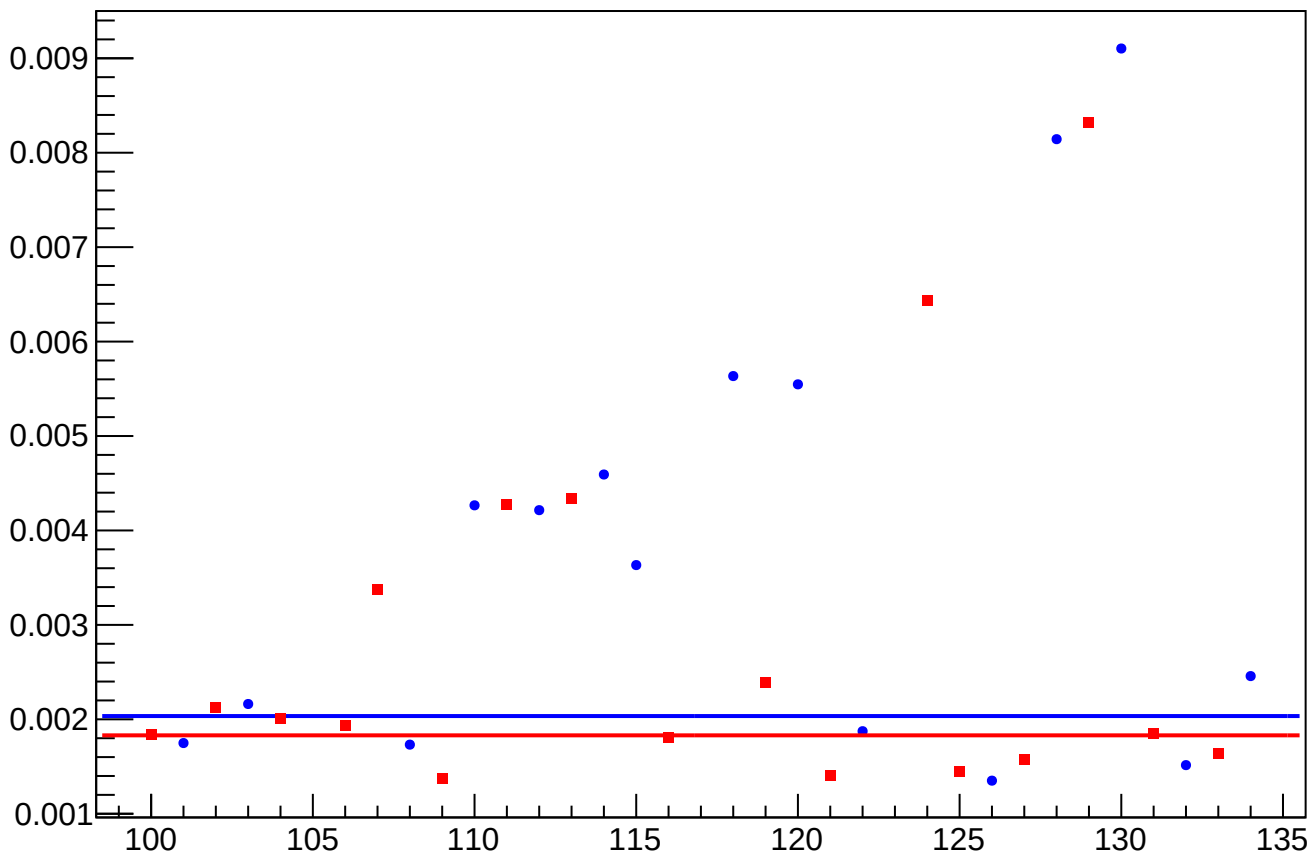
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 33.1/31

- 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 : 1695706.4/16

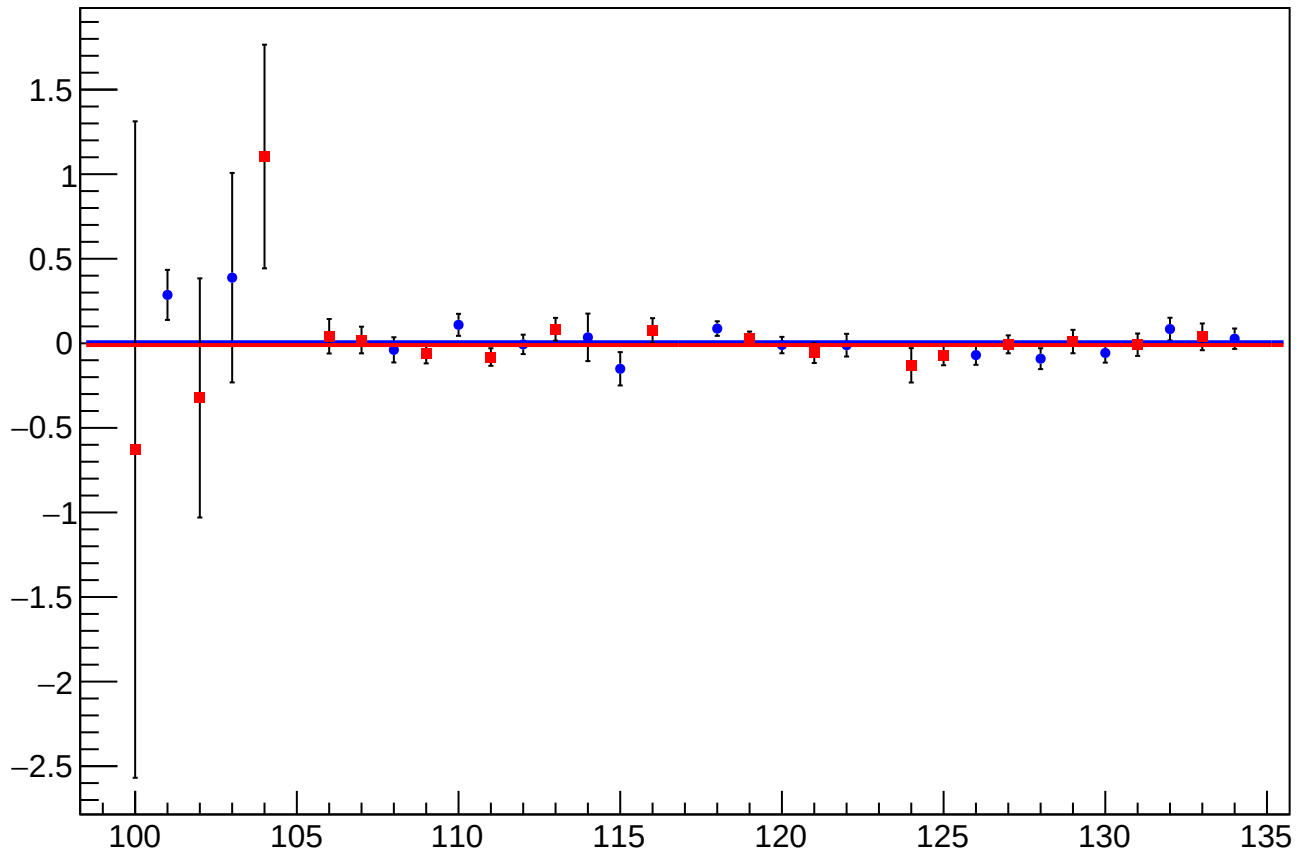
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4637984.1/31

- 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 $\pm$ 0.017 χ^2 /NDF: 20.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.017 χ^2 /NDF: 13.7/16

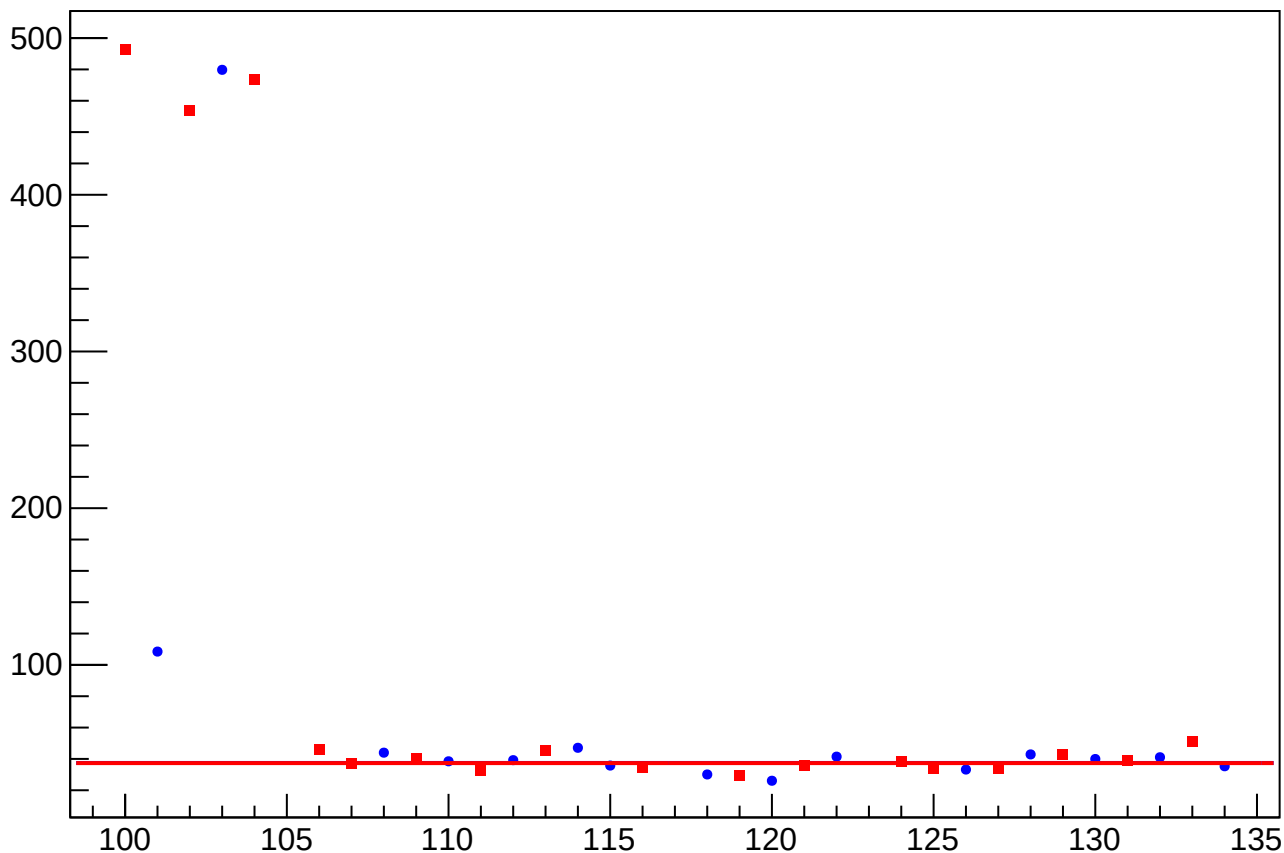
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.002 $\pm$ 0.012 χ^2 /NDF: 34.2/31

- sign 0.000 $\pm$ 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: 37.330+/-0.012 χ^2/NDF : 1900051.4/16

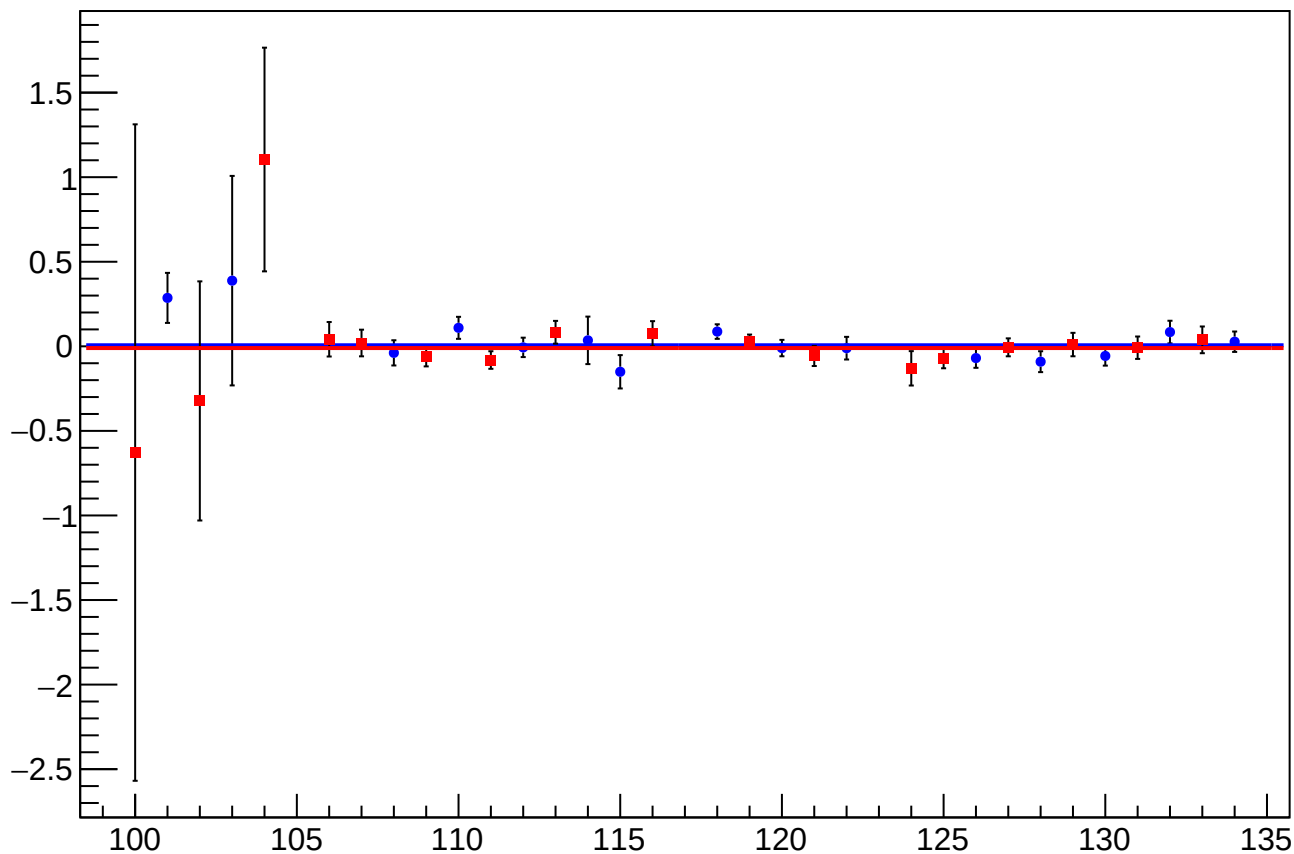
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.371+/-0.008 χ^2/NDF : 3623277.4/31

- 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: -0.010 $\pm$ 0.017 χ^2 /NDF: 13.7/16

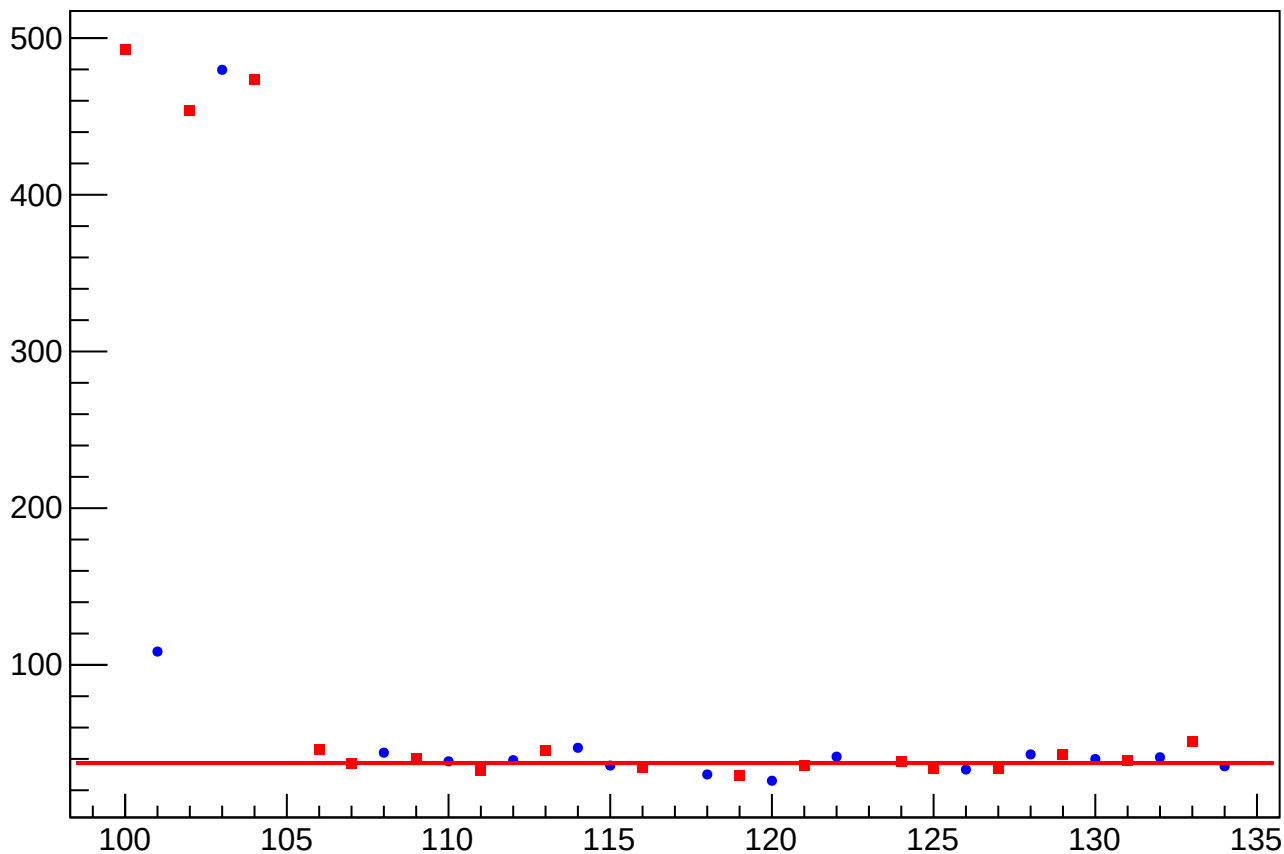
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.002 $\pm$ 0.012 χ^2 /NDF: 34.2/31

- 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: 37.330+/-0.012 χ^2/NDF : 1900051.4/16

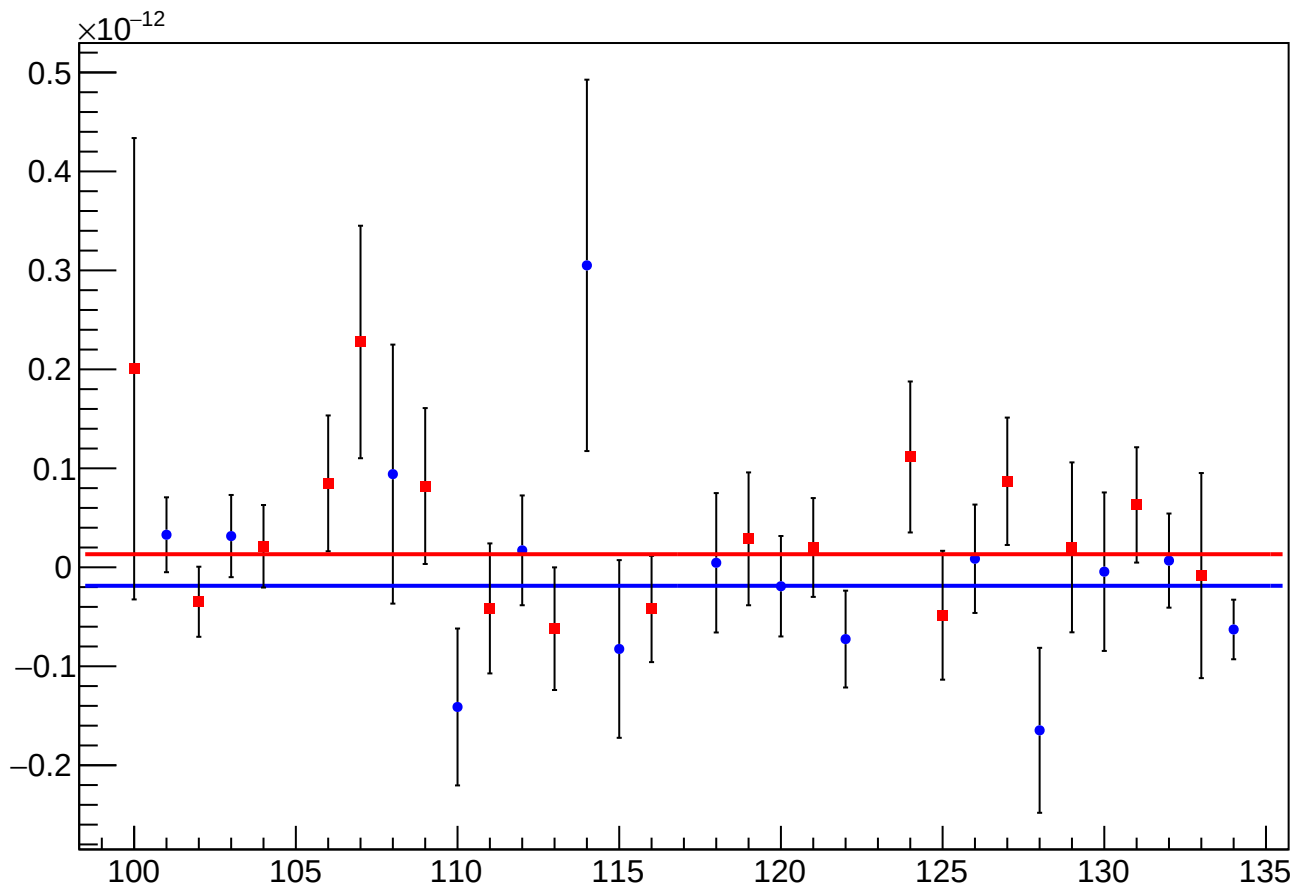
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.371+/-0.008 χ^2/NDF : 3623277.4/31

- 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: 15.7/16

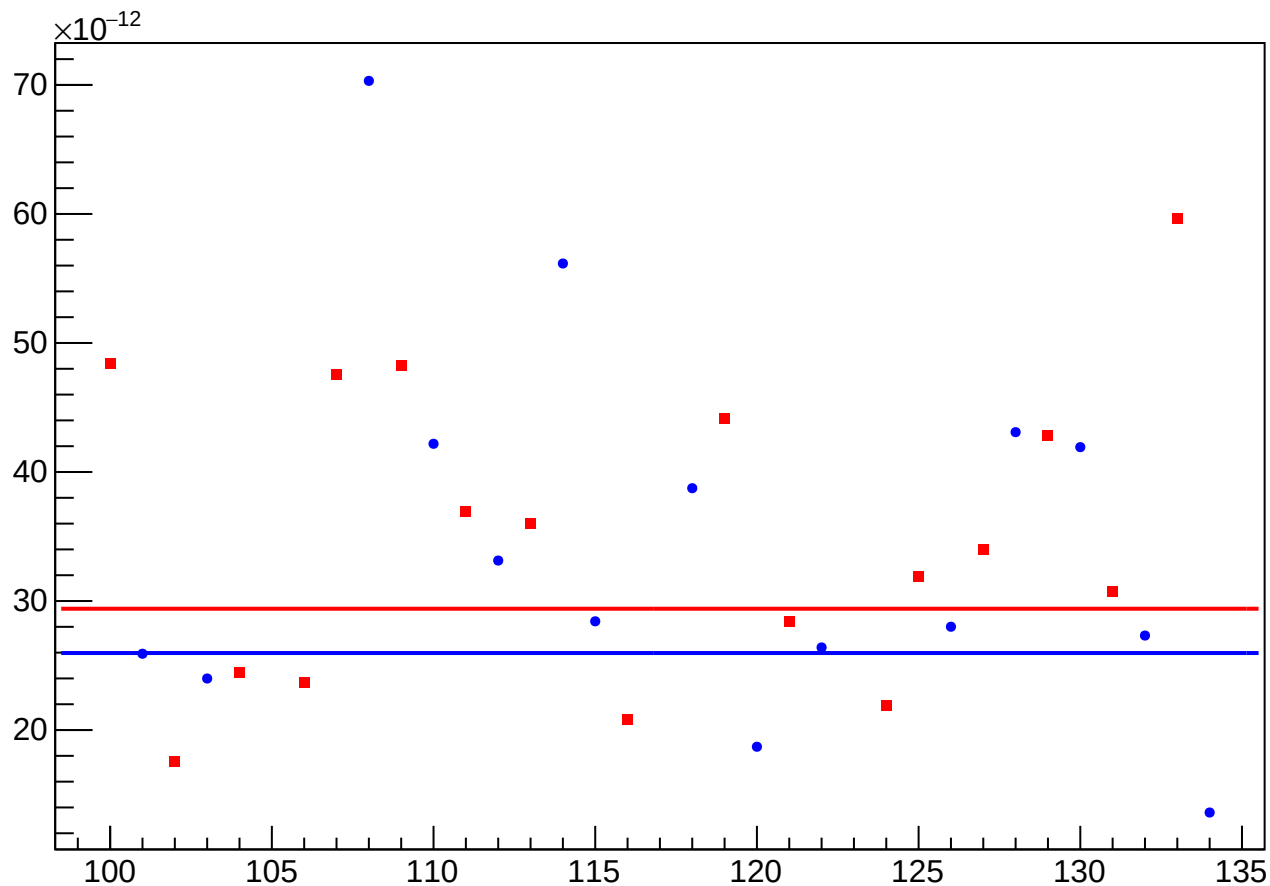
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 35.6/31

- 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 : 890784.5/16

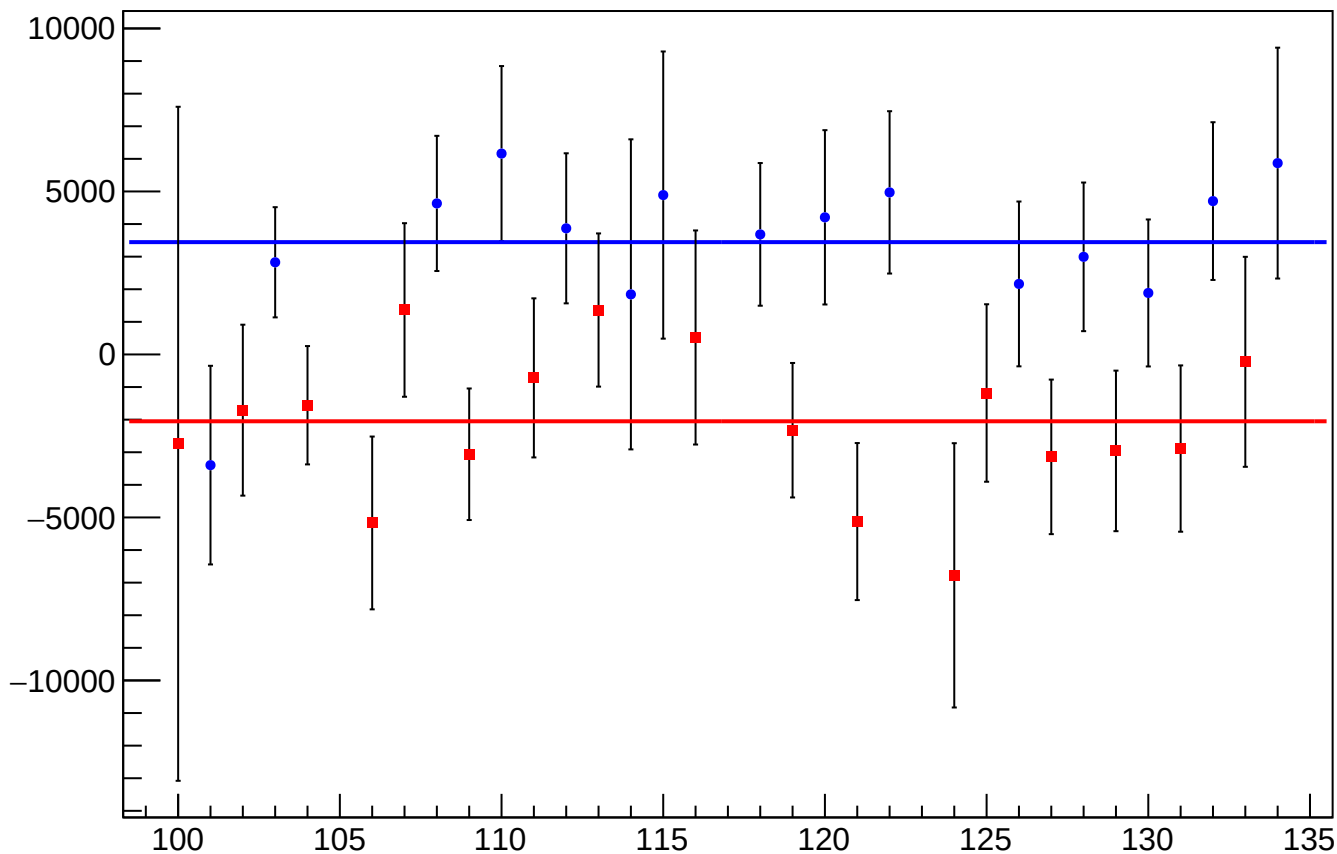
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1964623.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_avg_mean vs Slug



Right In: 3445.355 $\pm$ 642.849 χ^2 /NDF: 8.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2050.204 $\pm$ 617.170 χ^2 /NDF: 10.3/16

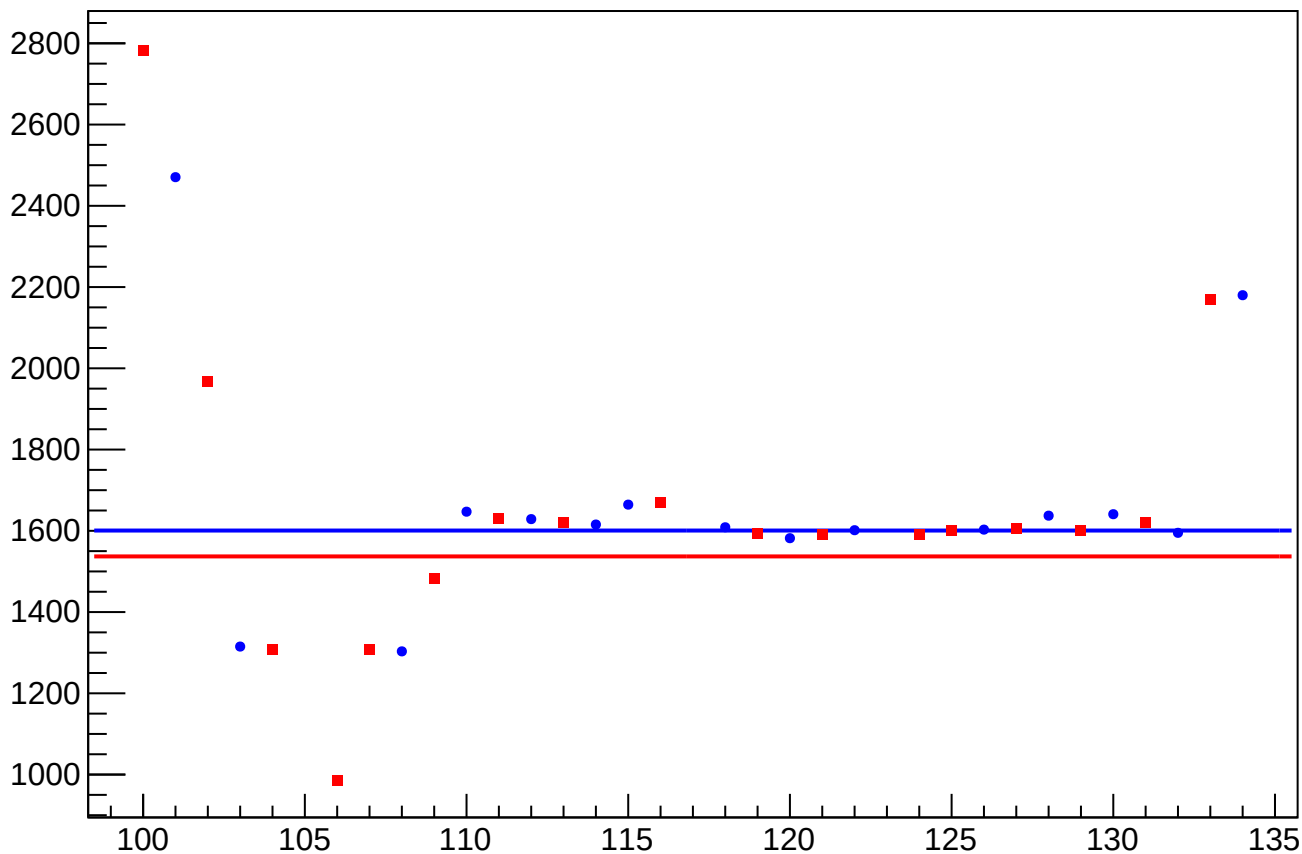
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 585.623 $\pm$ 445.206 χ^2 /NDF: 57.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_avg_rms vs Slug



Right In: 1600.675 $\pm$ 0.455 χ^2 /NDF: 317412.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1536.980 $\pm$ 0.428 χ^2 /NDF: 372320.5/16

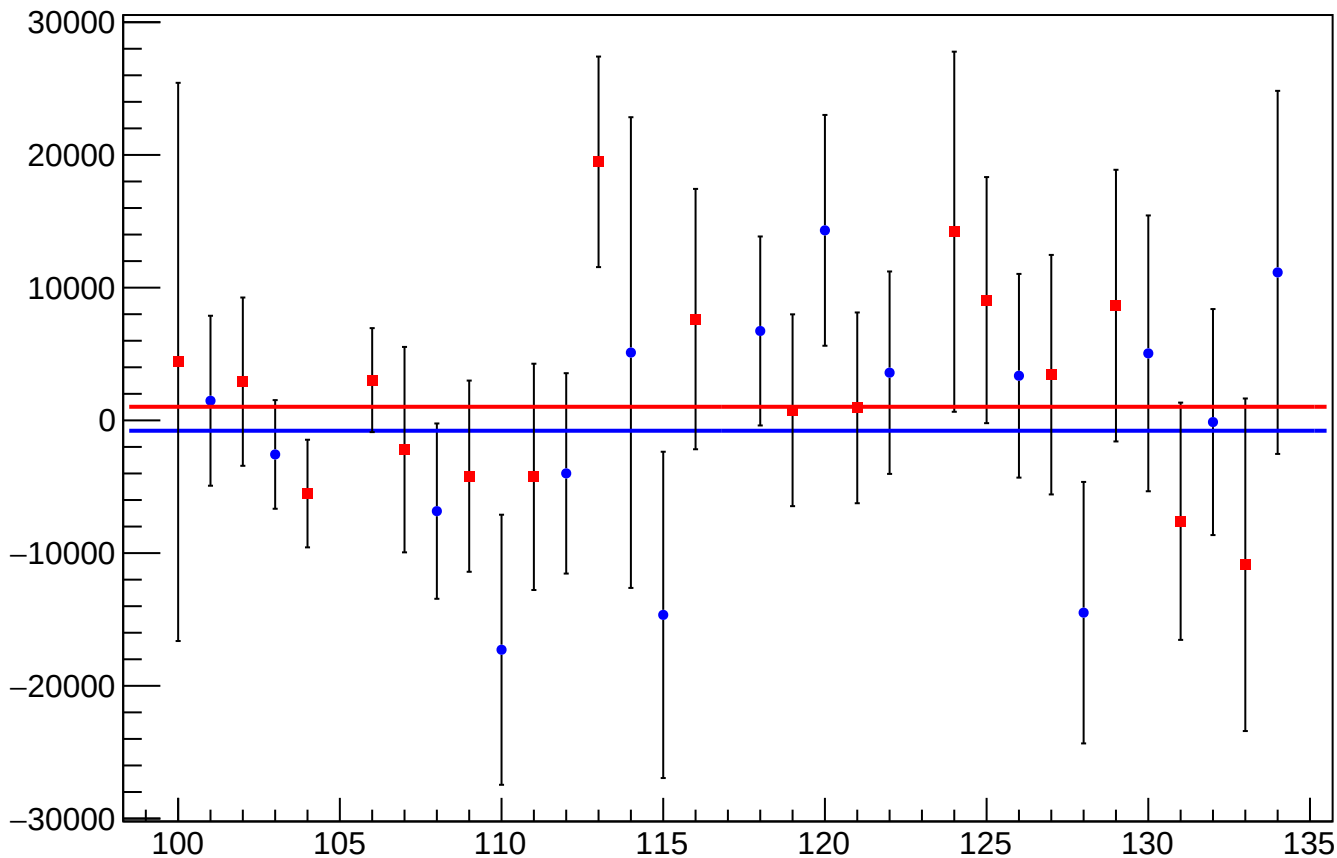
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1566.942 $\pm$ 0.312 χ^2 /NDF: 700131.3/31

- sign 0.000 $\pm$ 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

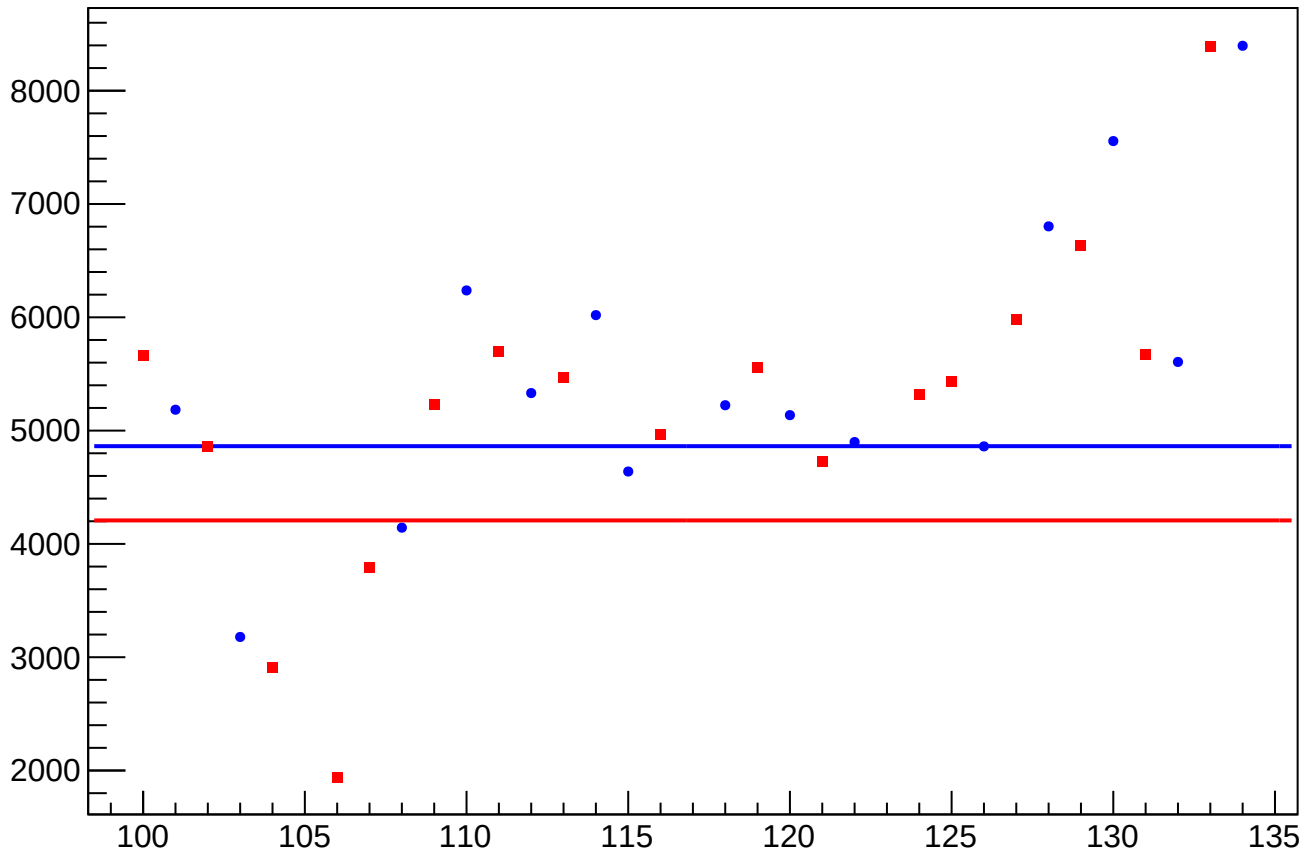
Right Out: 1024.673+/-1752.835 χ^2/NDF : 14.1/16

All: 240.611+/-1318.407 χ^2/NDF : 27.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_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

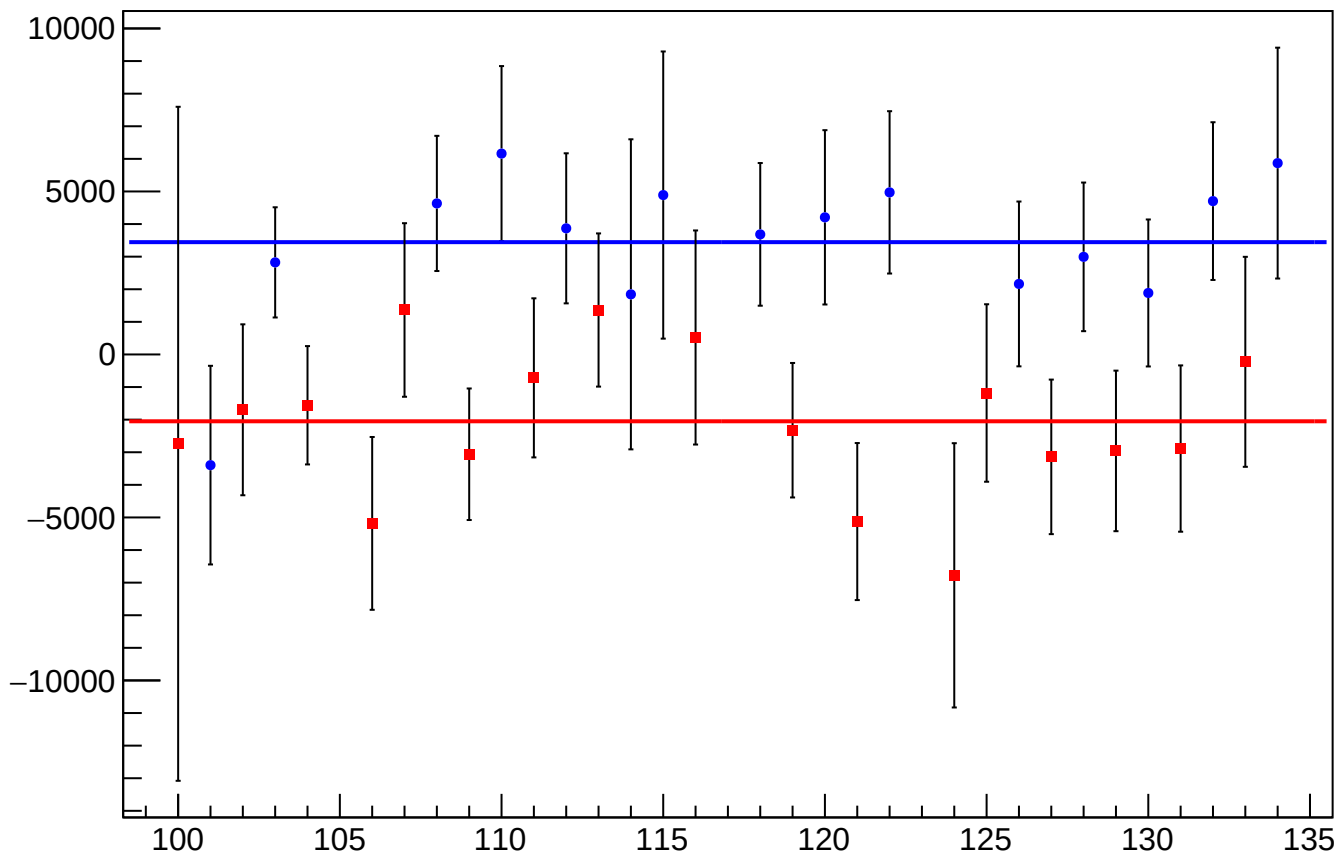
Right Out: 4207.305+/-1.239 χ^2/NDF : 1672884.9/16

All: 4491.877+/-0.932 χ^2/NDF : 2582719.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -2050.281+/-617.173 χ^2/NDF : 10.3/16

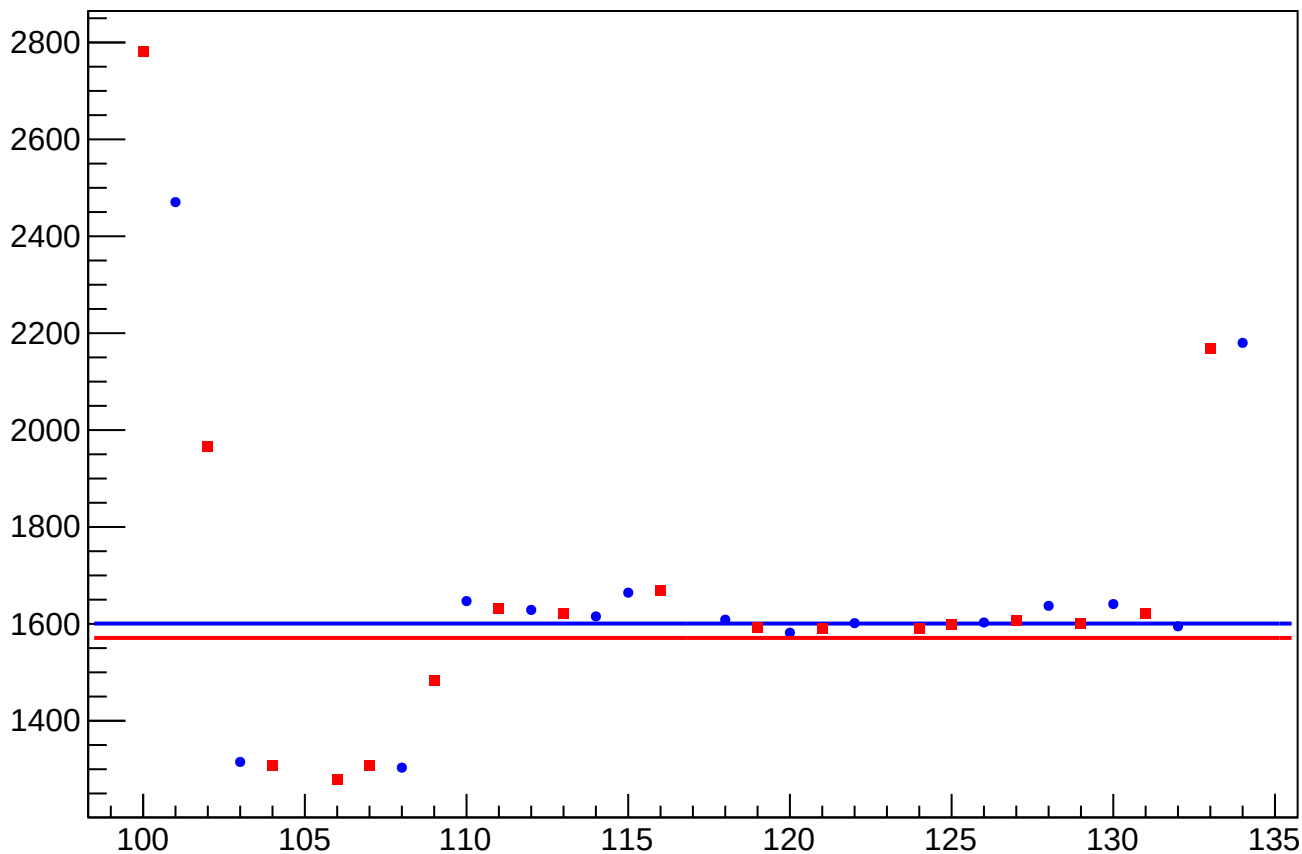
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 585.411+/-445.208 χ^2/NDF : 57.1/31

- 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: 1571.025+/-0.435 χ^2/NDF : 241862.3/16

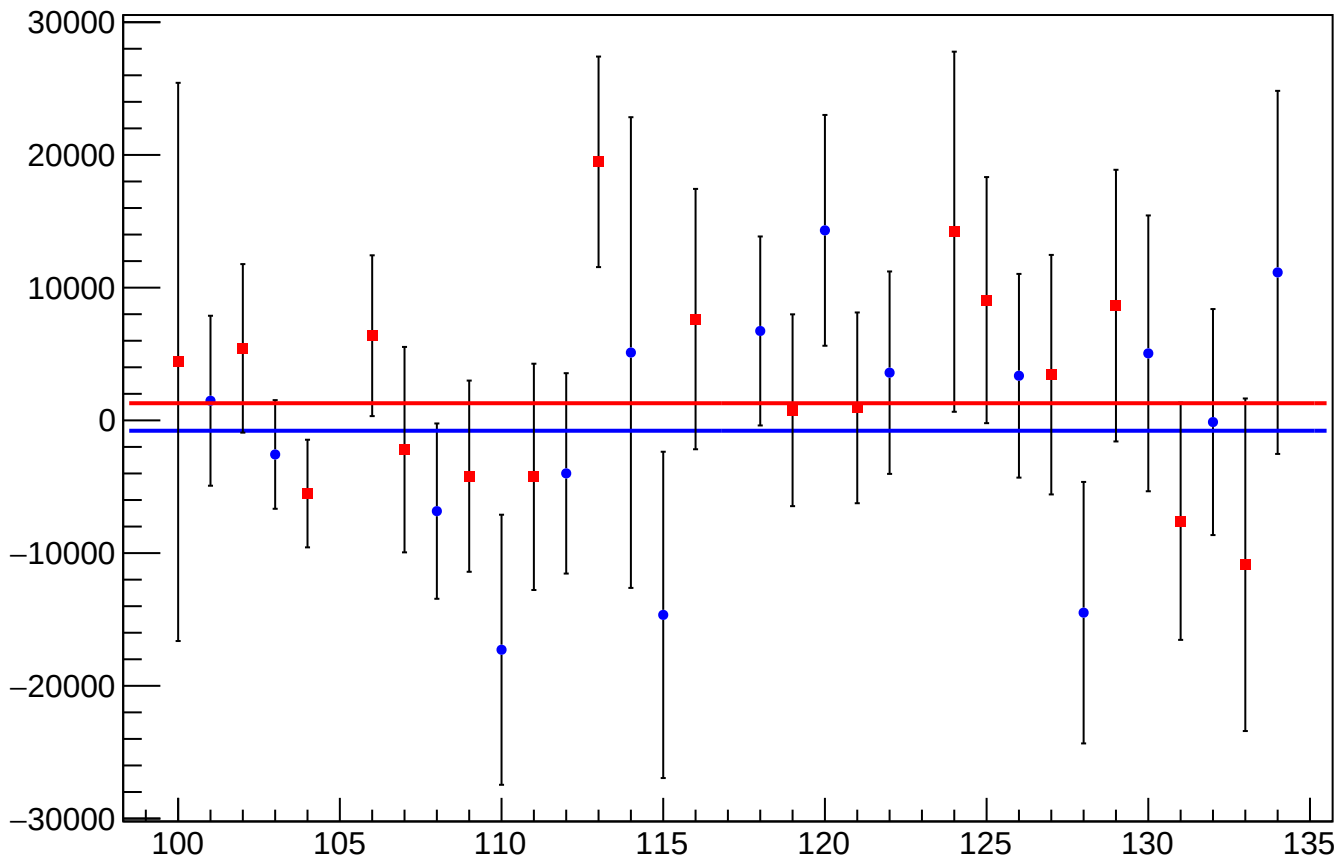
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1585.182+/-0.314 χ^2/NDF : 561497.0/31

- 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: 1292.744+/-1865.122 χ^2/NDF : 15.0/16

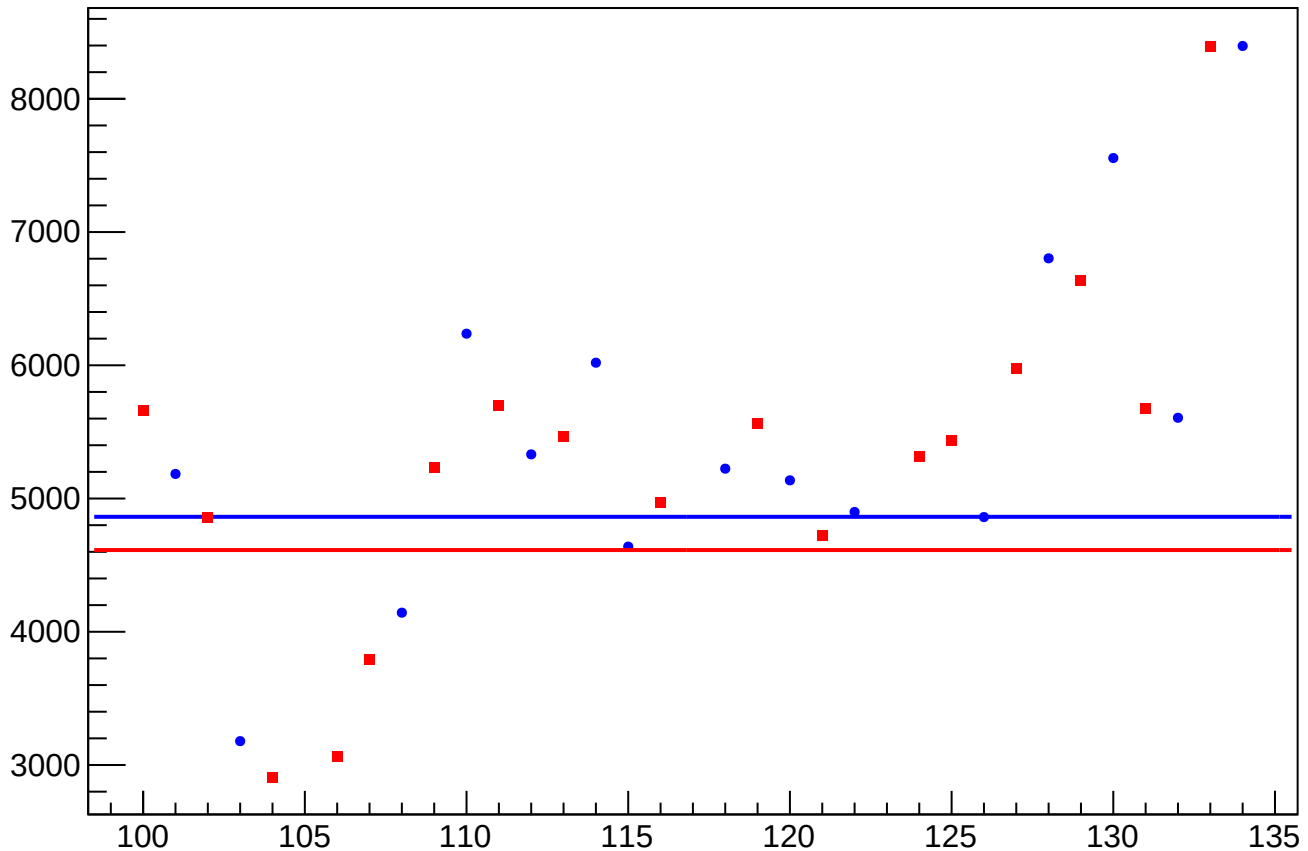
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.474+/-1364.259 χ^2/NDF : 28.7/31

- 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

Right Out: 4613.359+/-1.319 χ^2/NDF : 977904.3/16

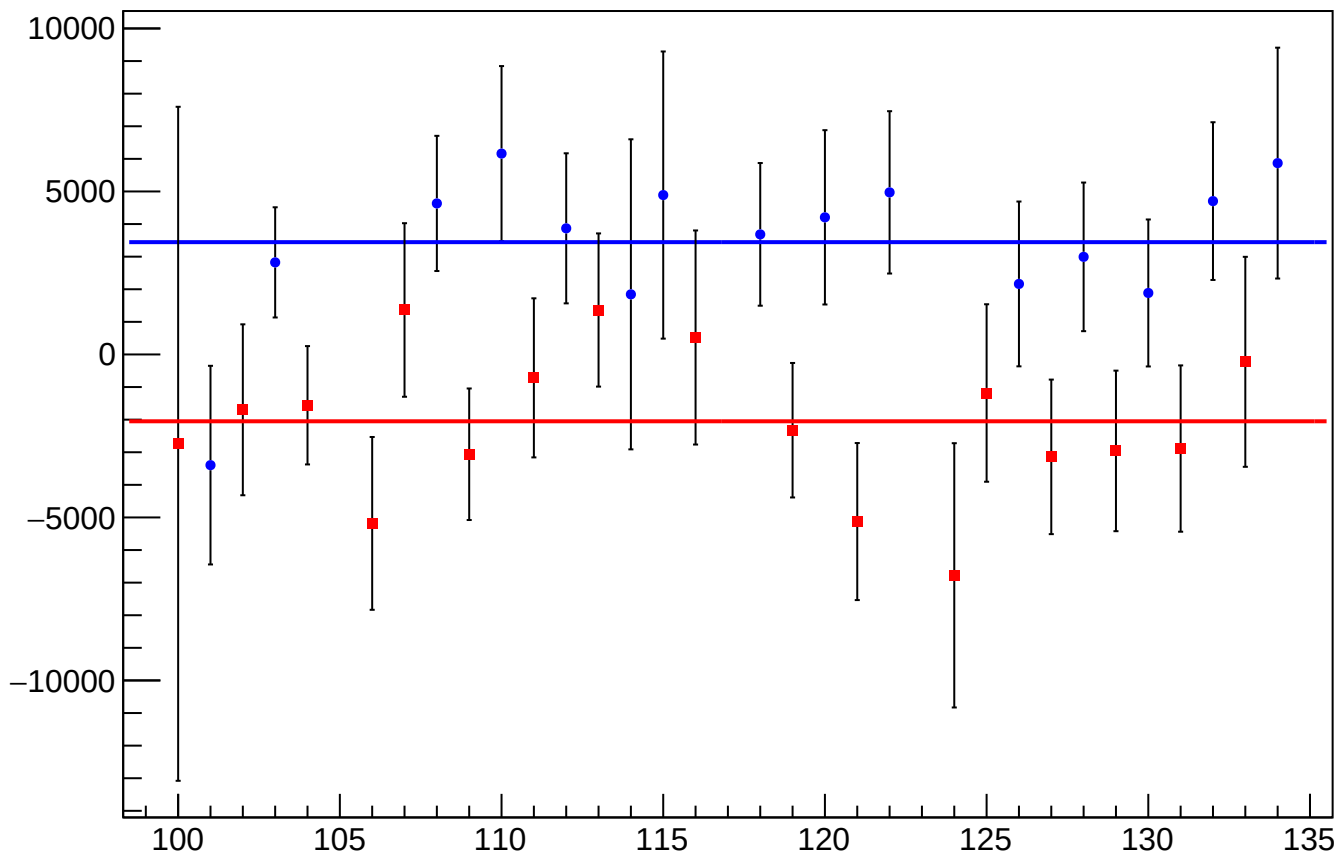
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4729.329+/-0.965 χ^2/NDF : 1782772.1/31

- sign 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: -2050.281+/-617.173 χ^2/NDF : 10.3/16

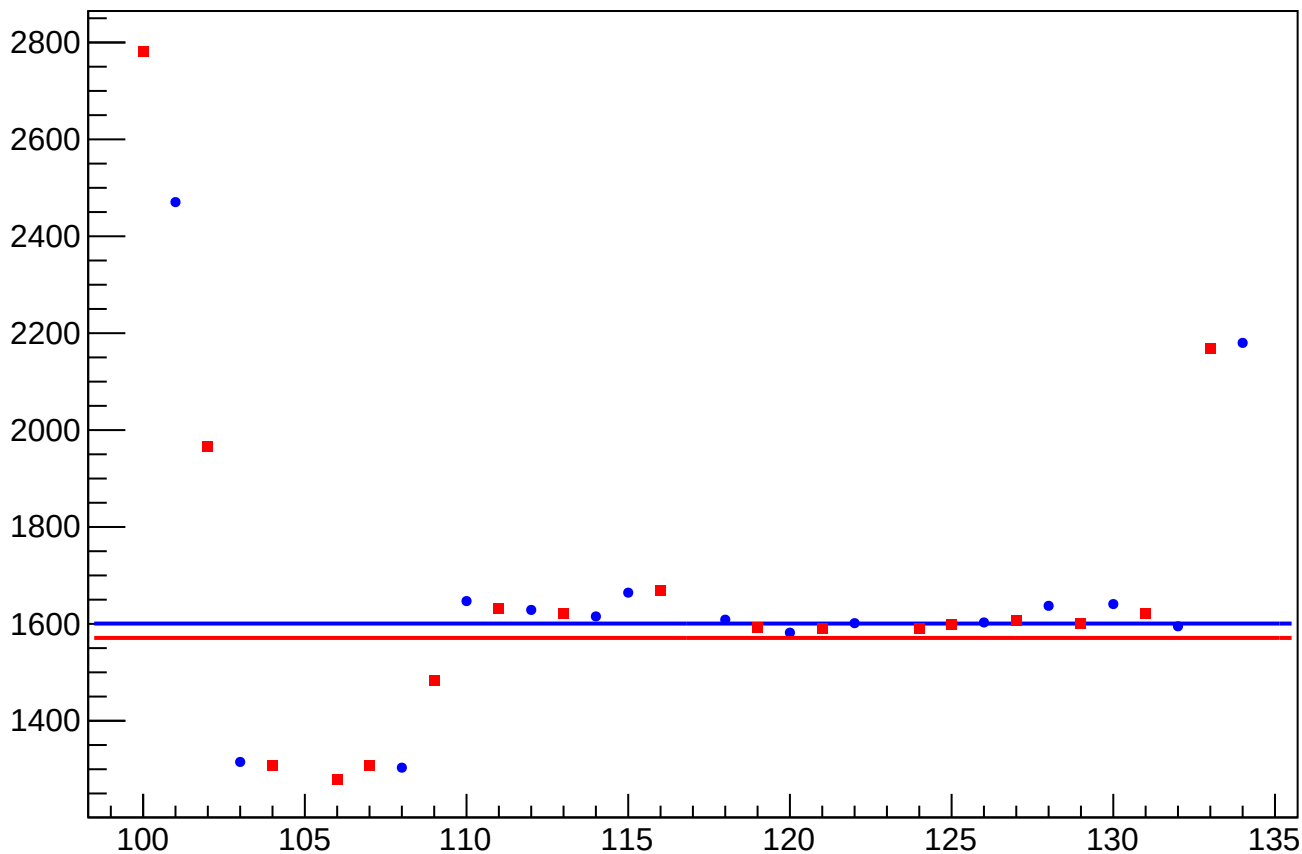
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 585.411+/-445.208 χ^2/NDF : 57.1/31

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

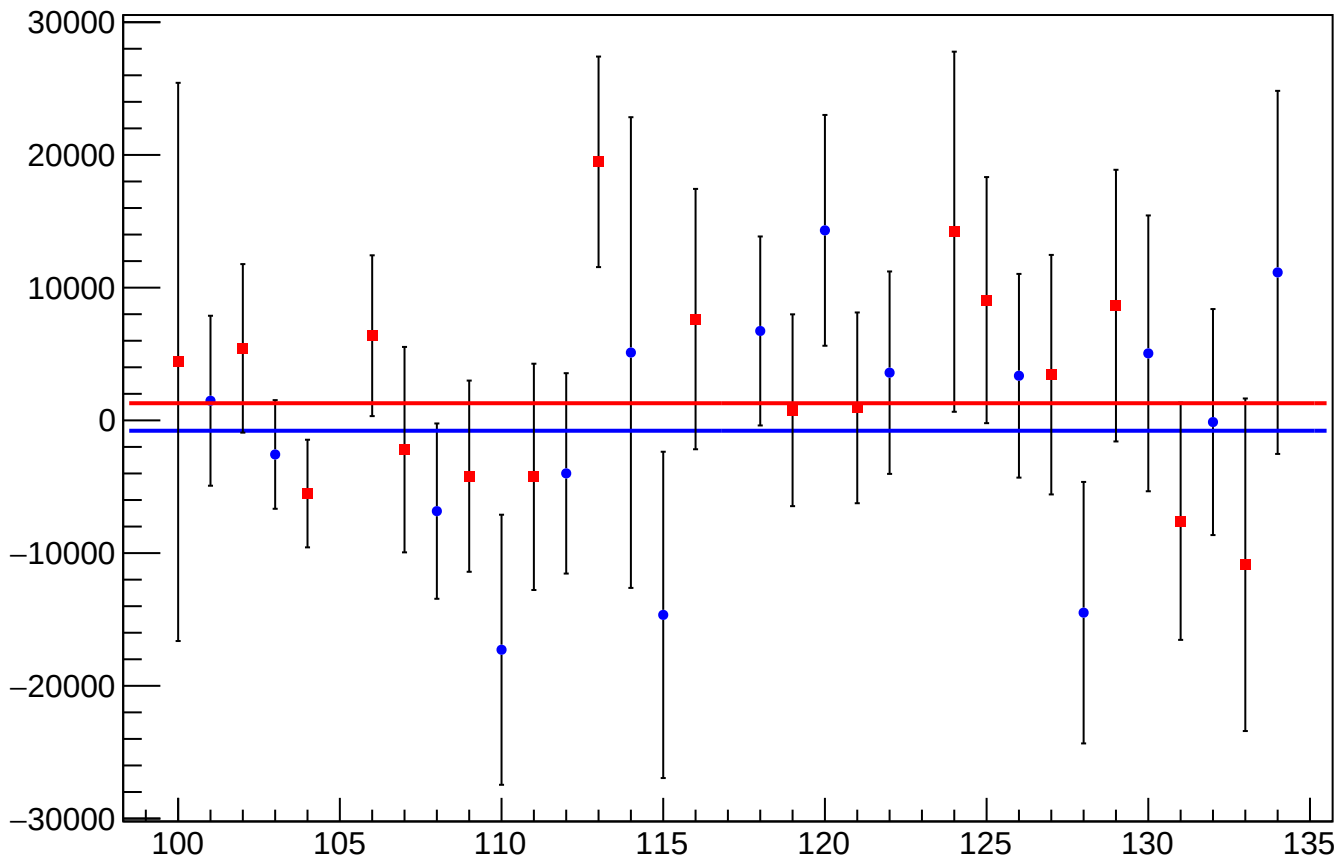
Right Out: 1571.025+/-0.435 χ^2/NDF : 241862.3/16

All: 1585.182+/-0.314 χ^2/NDF : 561497.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

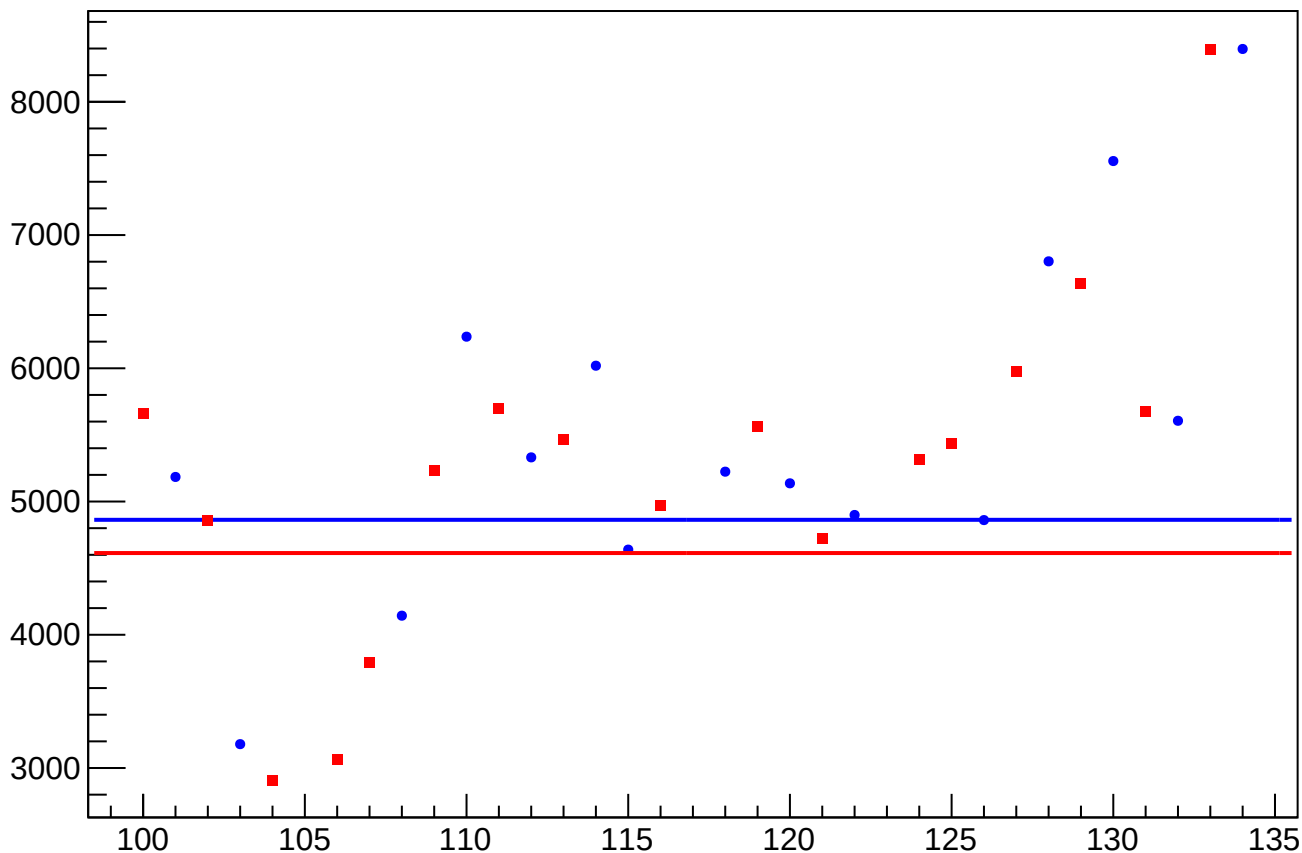
Right Out: 1292.744+/-1865.122 χ^2/NDF : 15.0/16

All: 328.474+/-1364.259 χ^2/NDF : 28.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_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

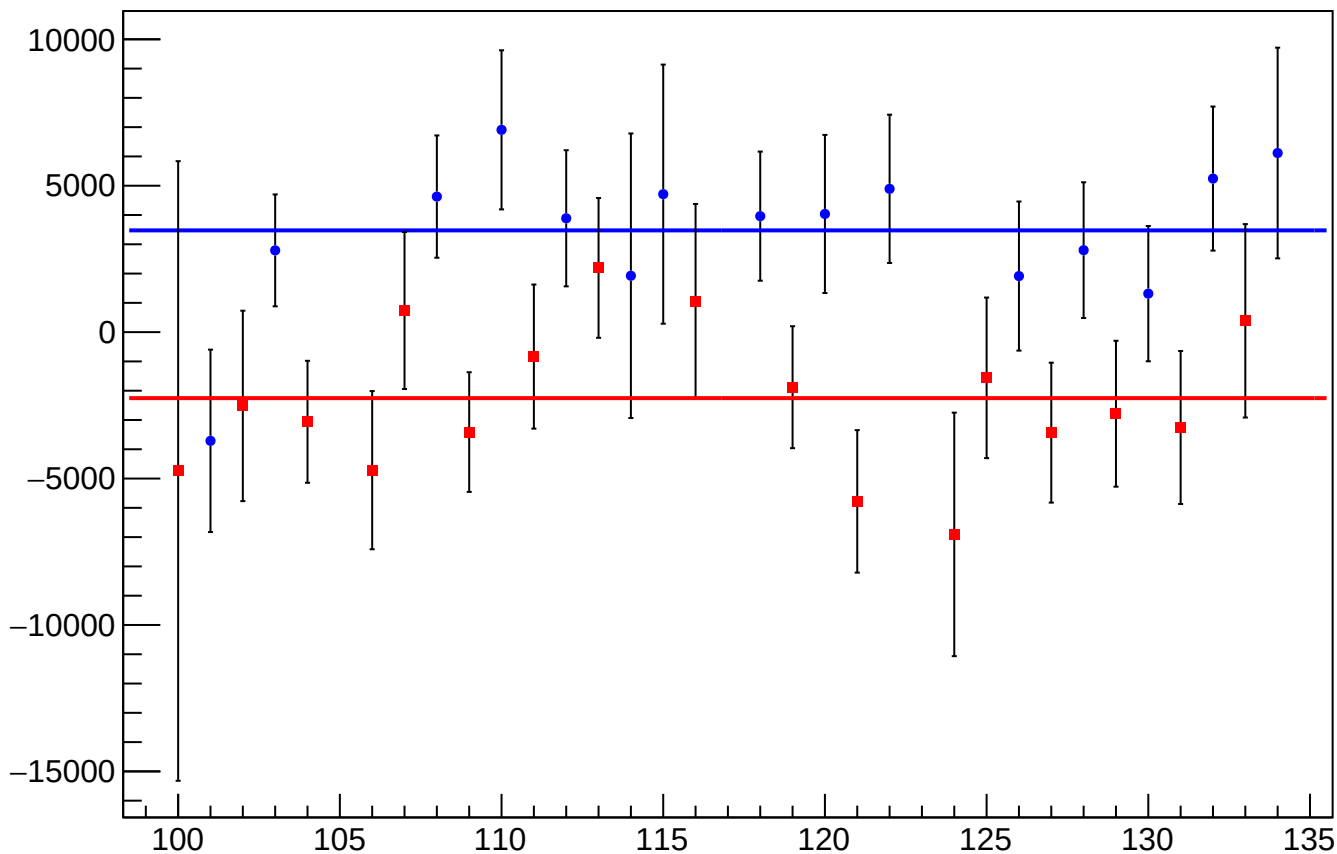
Right Out: 4613.359+/-1.319 χ^2/NDF : 977904.3/16

All: 4729.329+/-0.965 χ^2/NDF : 1782772.1/31

- 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_usr_atr2_avg_mean vs Slug



Right In: 3474.677+/-660.860 χ^2/NDF : 10.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2253.598+/-639.355 χ^2/NDF : 11.9/16

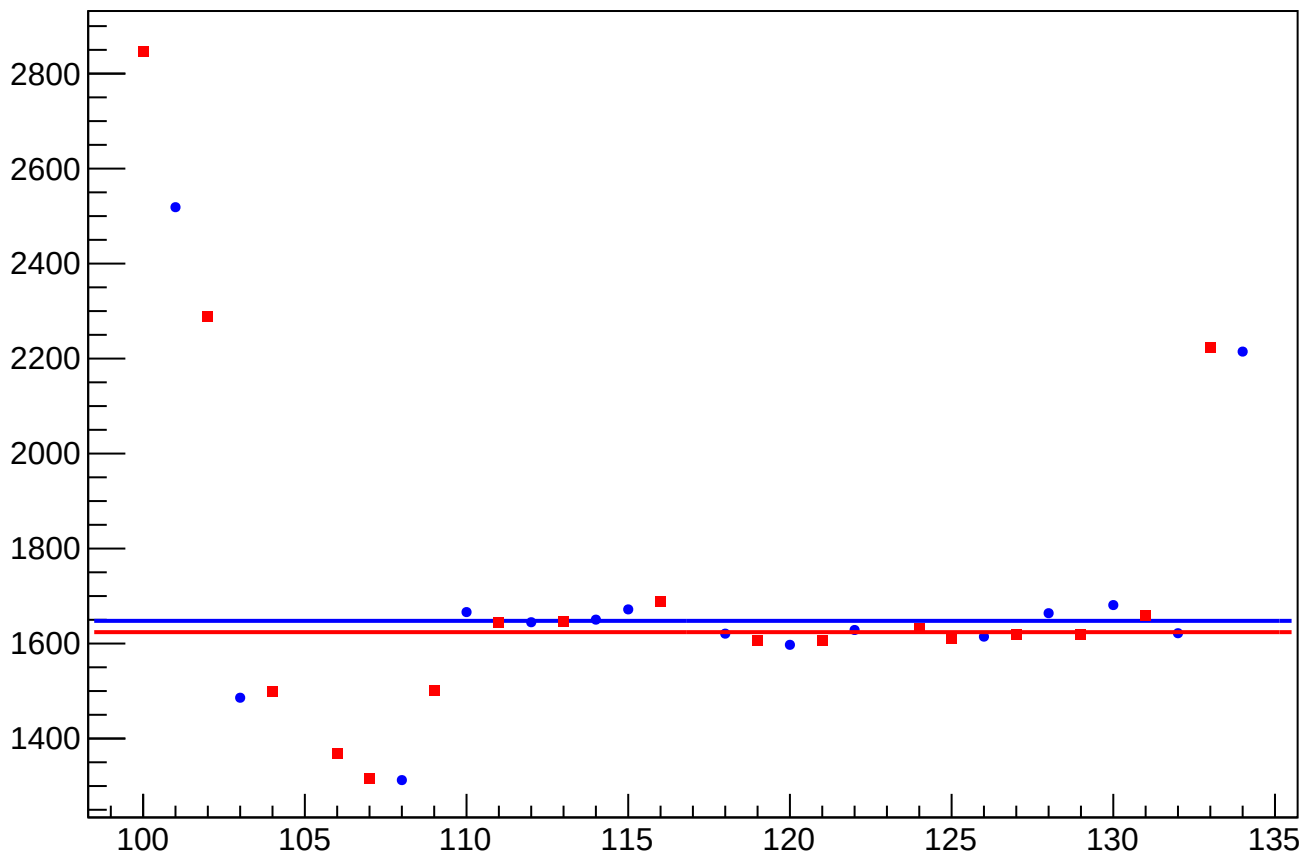
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 515.822+/-459.507 χ^2/NDF : 61.1/31

- sign 0.000+/-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: 1624.013+/-0.452 χ^2/NDF : 237188.4/16

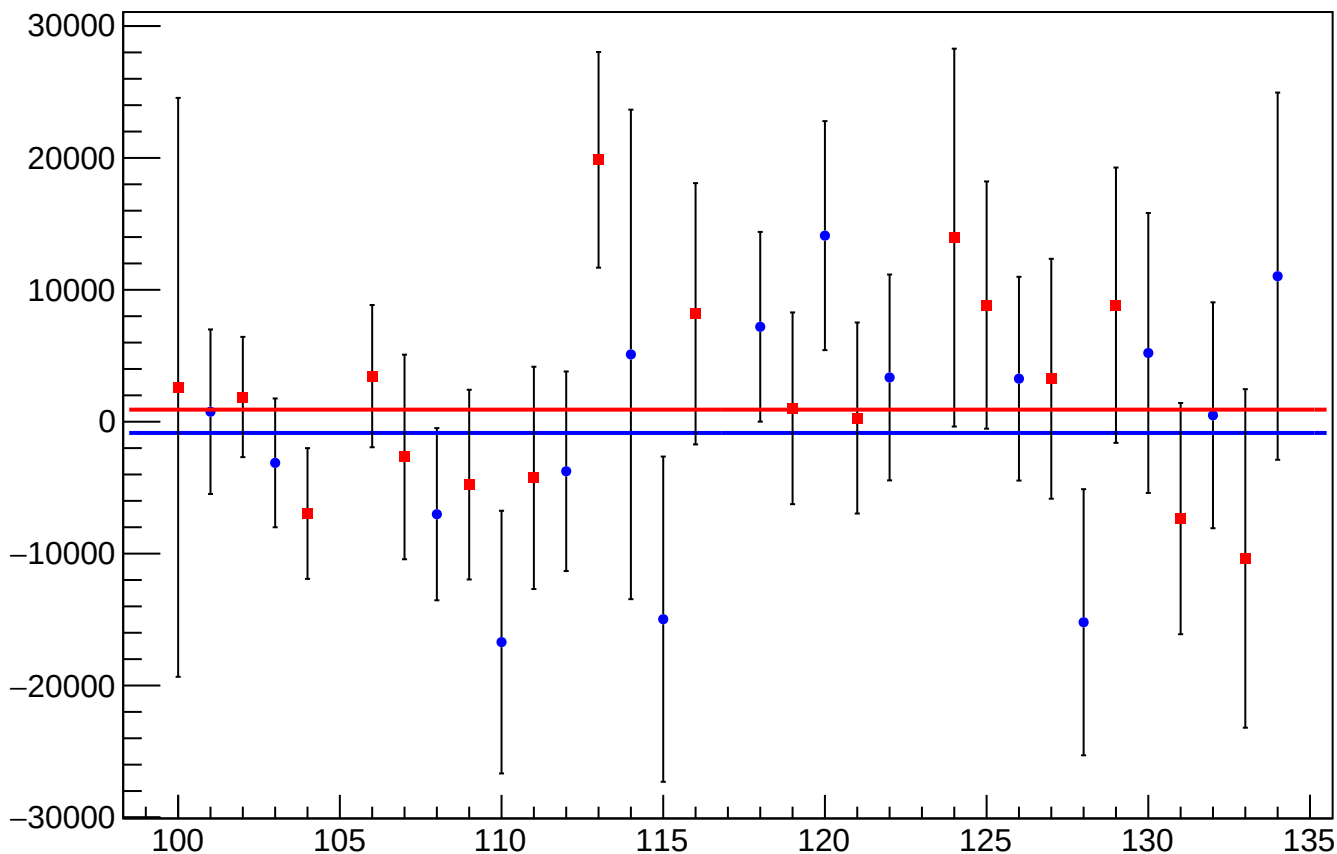
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1635.493+/-0.325 χ^2/NDF : 512888.2/31

- 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: 916.056+/-1840.838 χ^2/NDF : 13.8/16

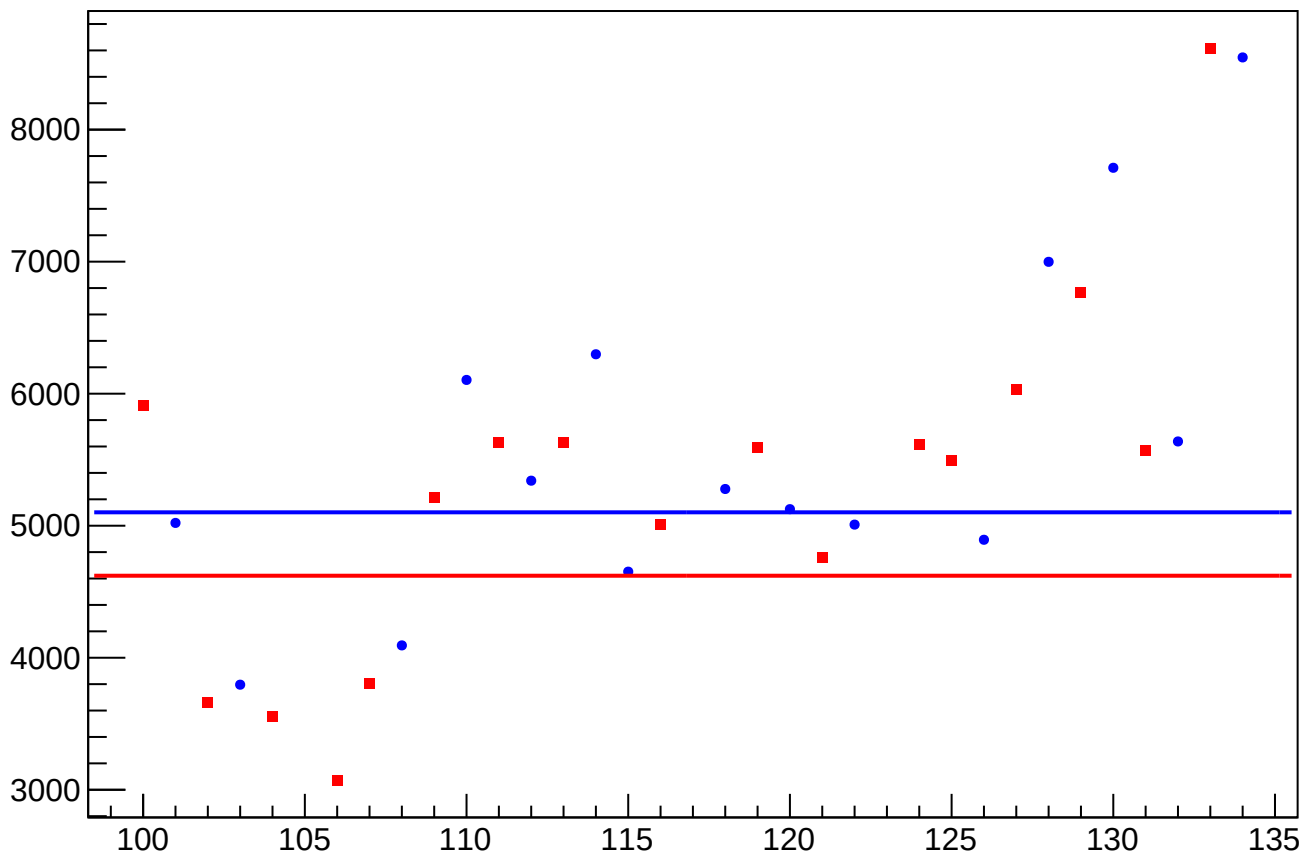
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.410+/-1378.162 χ^2/NDF : 27.3/31

- 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

Right Out: 4621.198+/-1.302 χ^2/NDF : 862824.8/16

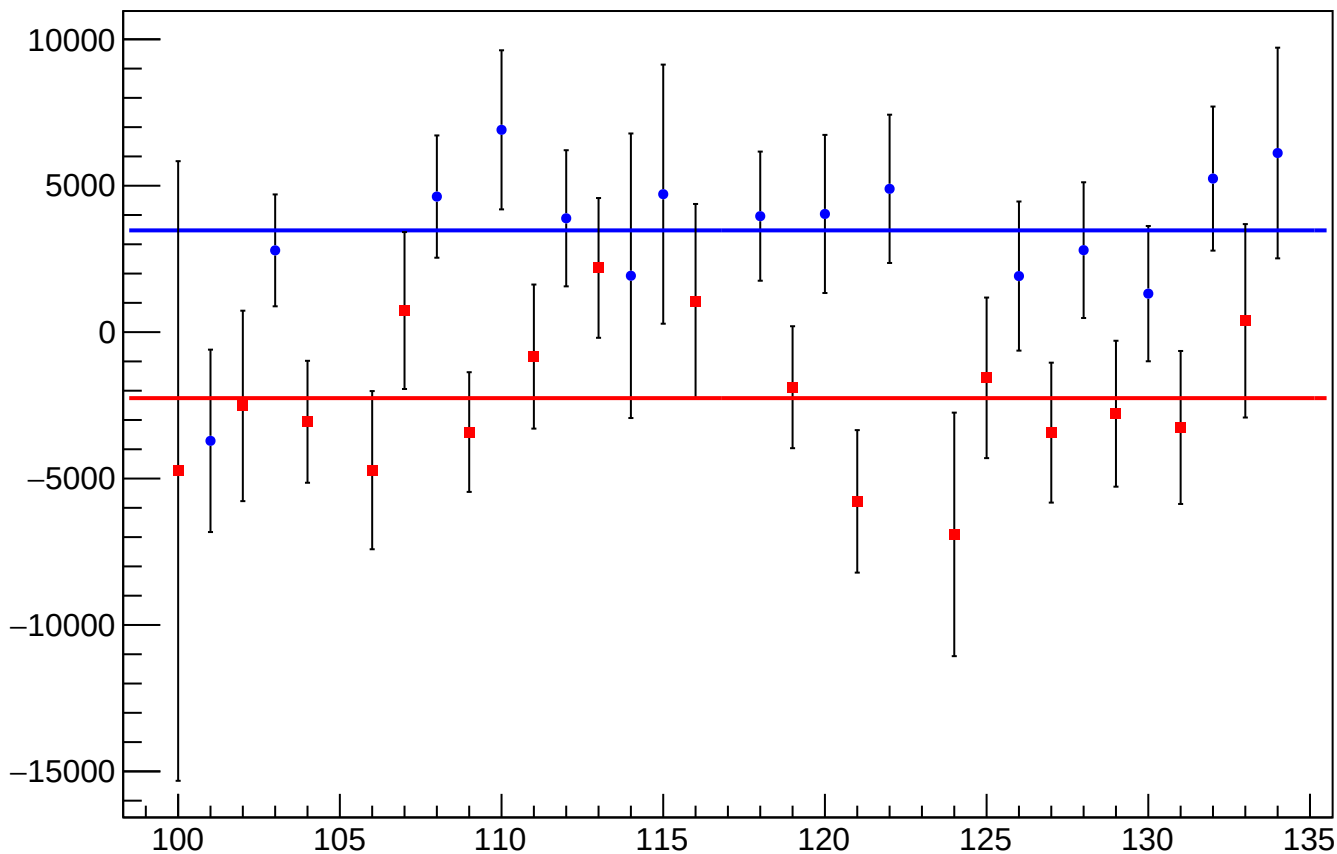
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4832.266+/-0.975 χ^2/NDF : 1471948.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr2_avg_mean vs Slug



Right In: 3474.676+/-660.860 χ^2/NDF : 10.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2253.604+/-639.355 χ^2/NDF : 11.9/16

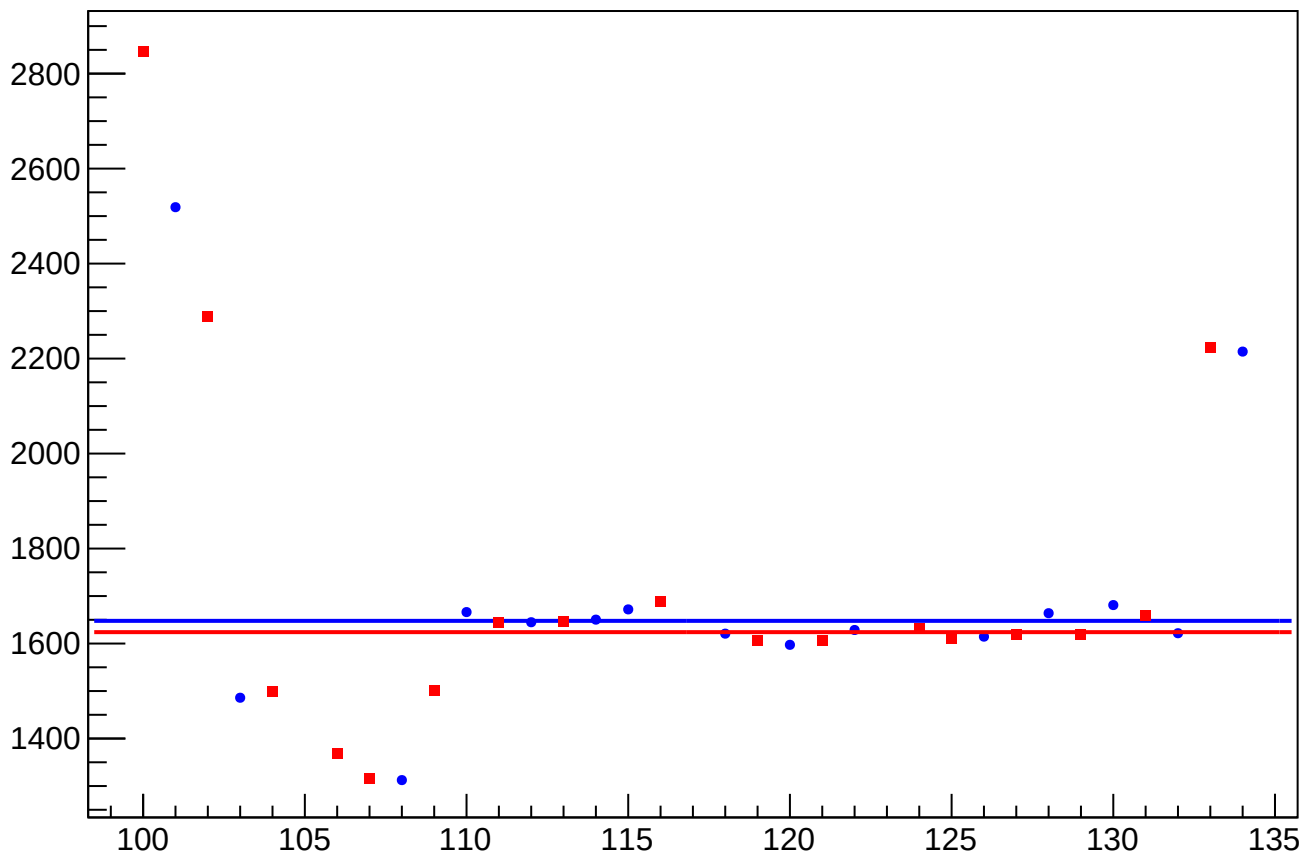
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 515.819+/-459.507 χ^2/NDF : 61.1/31

- sign 0.000+/-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: 1624.012+/-0.452 χ^2/NDF : 237188.0/16

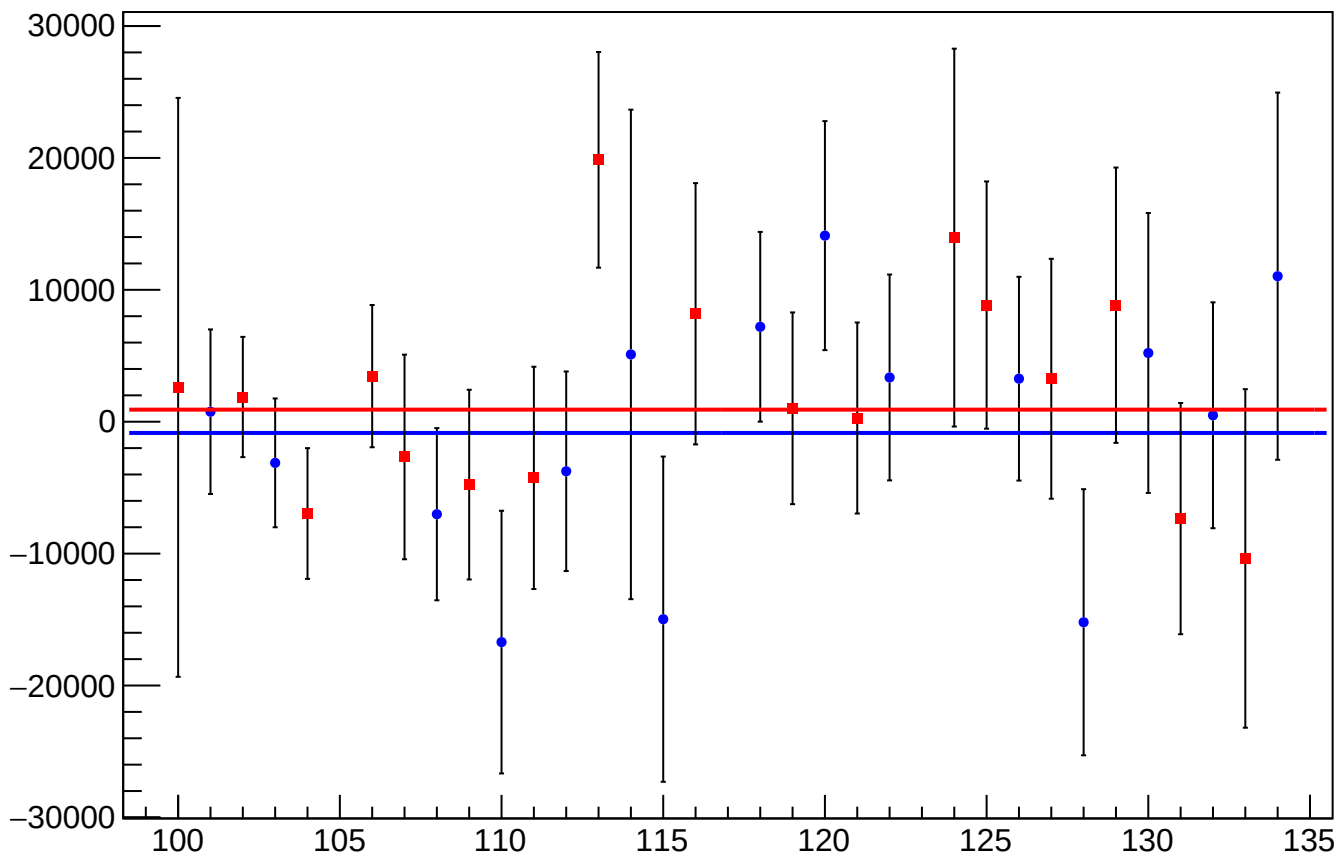
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1635.493+/-0.325 χ^2/NDF : 512888.0/31

- 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+/-2078.817 χ^2/NDF : 13.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 916.055+/-1840.834 χ^2/NDF : 13.8/16

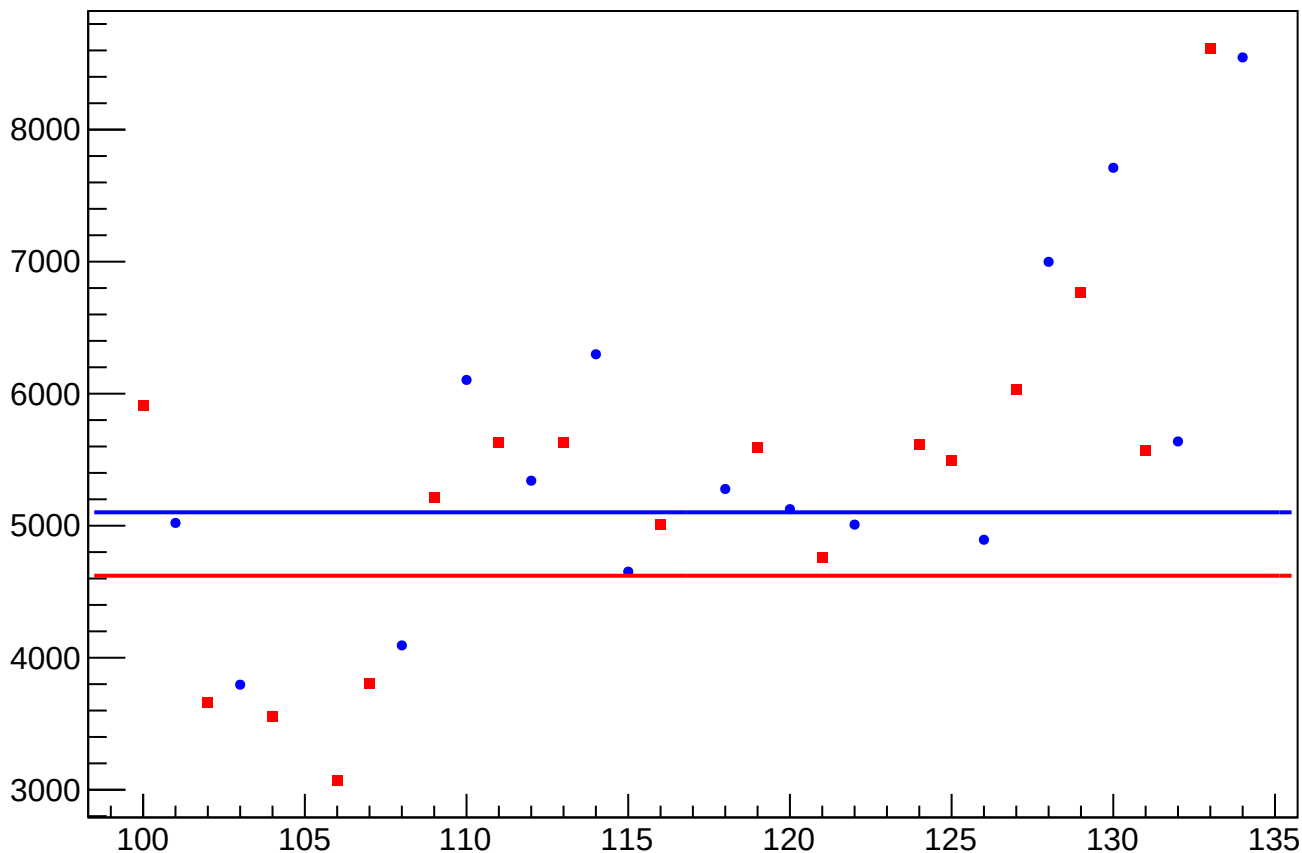
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.412+/-1378.159 χ^2/NDF : 27.3/31

- sign 0.000+/-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

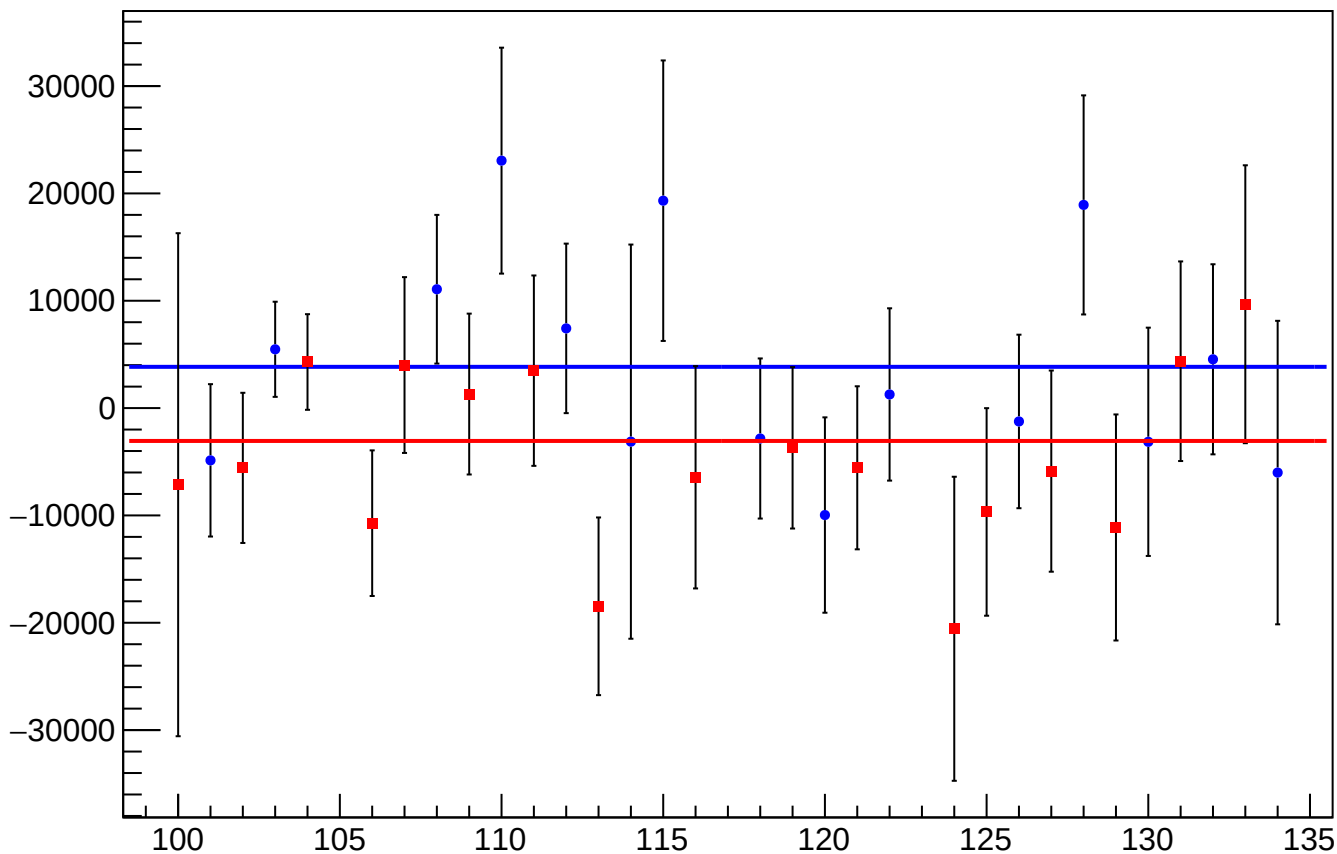
Right Out: 4621.189+/-1.302 χ^2/NDF : 862818.6/16

All: 4832.257+/-0.975 χ^2/NDF : 1471937.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_mean vs Slug



Right In: 3842.657 $\pm$ 2119.700 χ^2 /NDF: 14.5/14

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

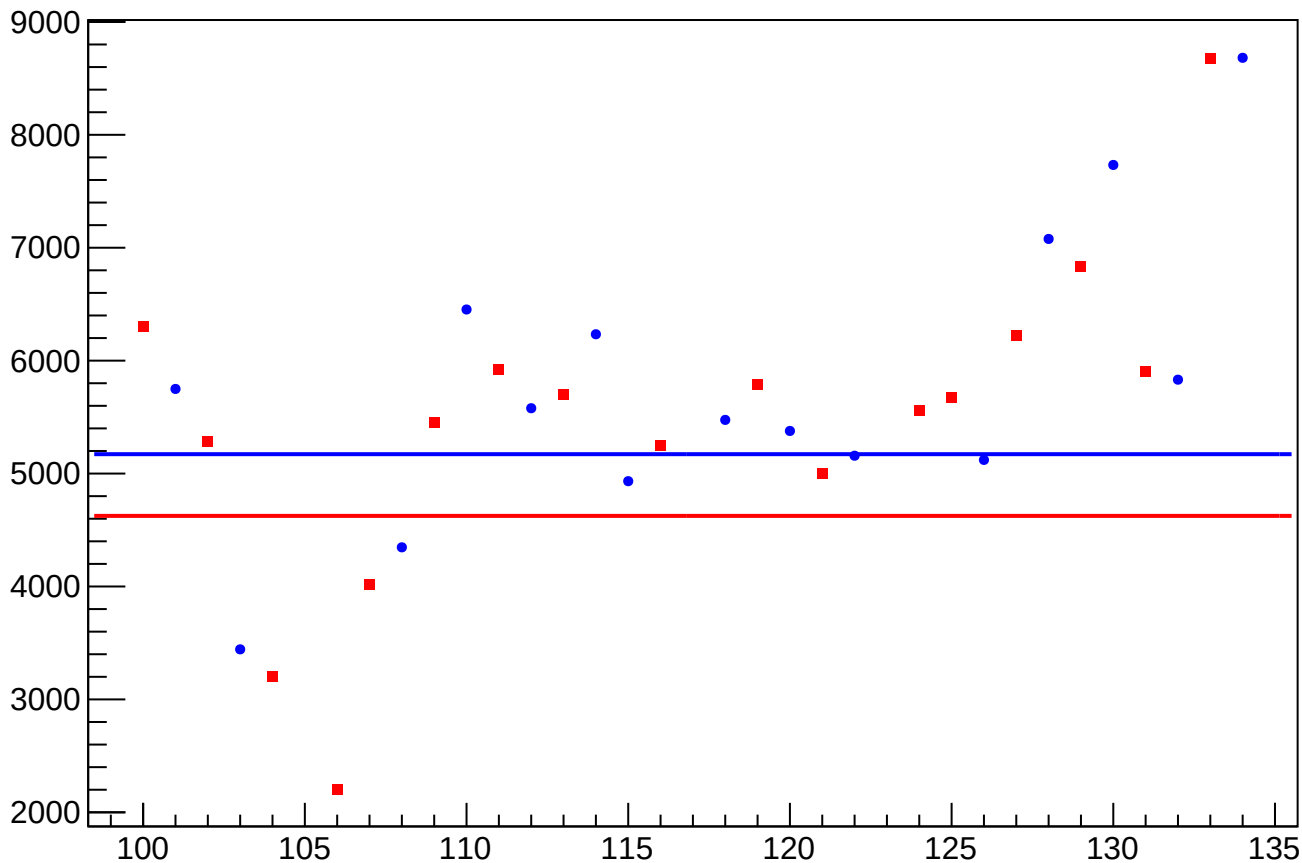
Right Out: -3061.935 $\pm$ 1990.573 χ^2 /NDF: 13.8/16

All: 173.662 $\pm$ 1451.051 χ^2 /NDF: 33.9/31

- 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_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

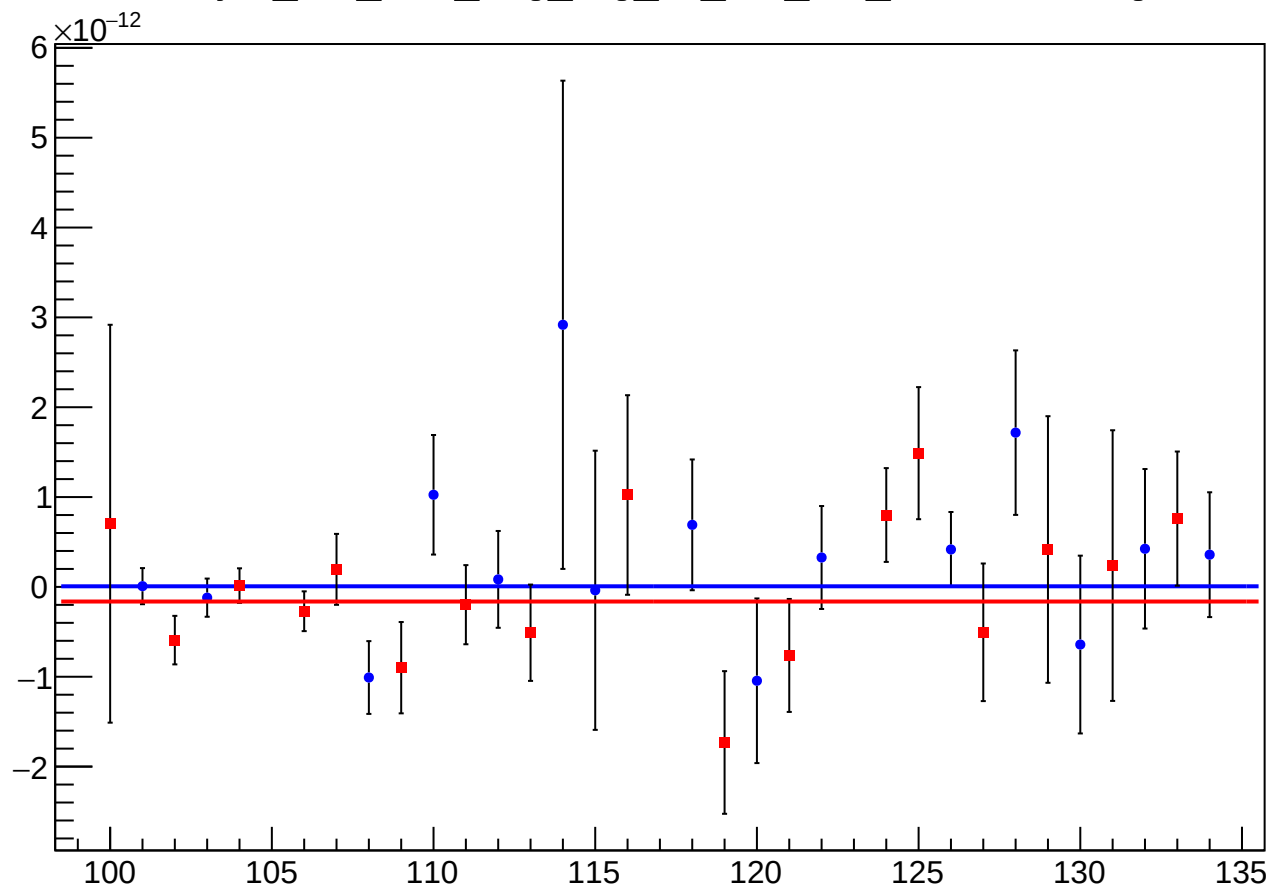
Right Out: 4625.246+/-1.348 χ^2/NDF : 1340844.8/16

All: 4869.534+/-1.002 χ^2/NDF : 2127091.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_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 : 23.5/16

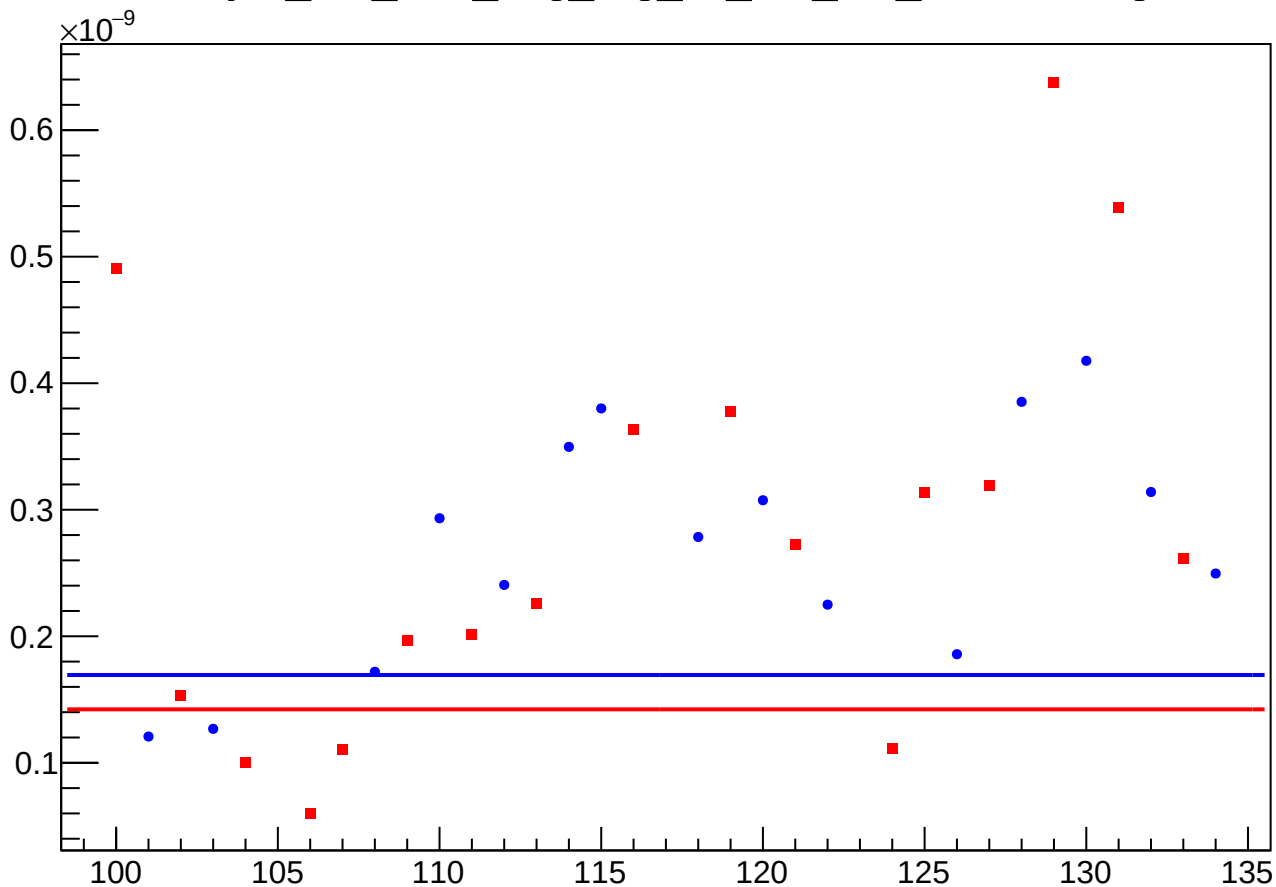
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 42.7/31

- 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+/-0.000 χ^2/NDF : 776415.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1524848.2/16

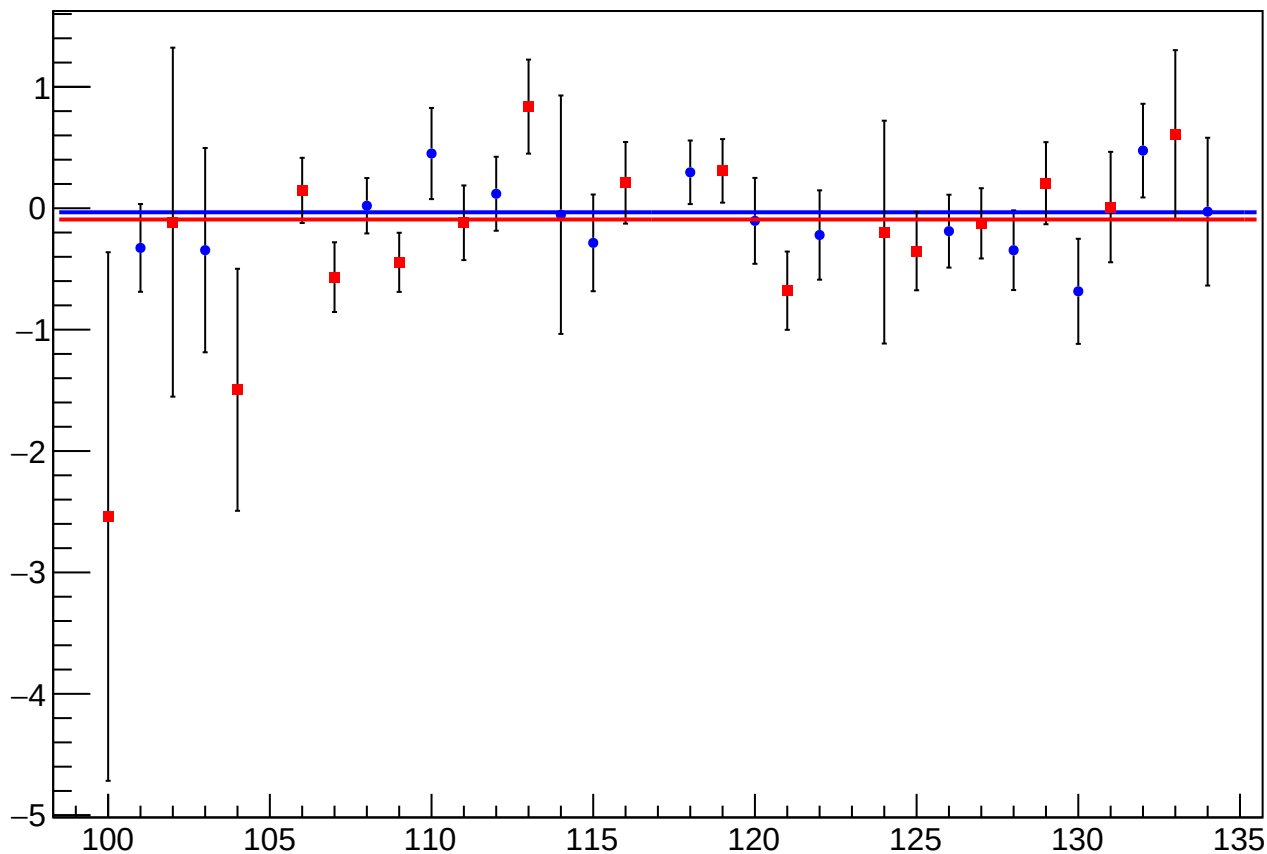
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2363856.2/31

- sign 0.000+/-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: -0.092+/-0.087 χ^2/NDF : 23.6/16

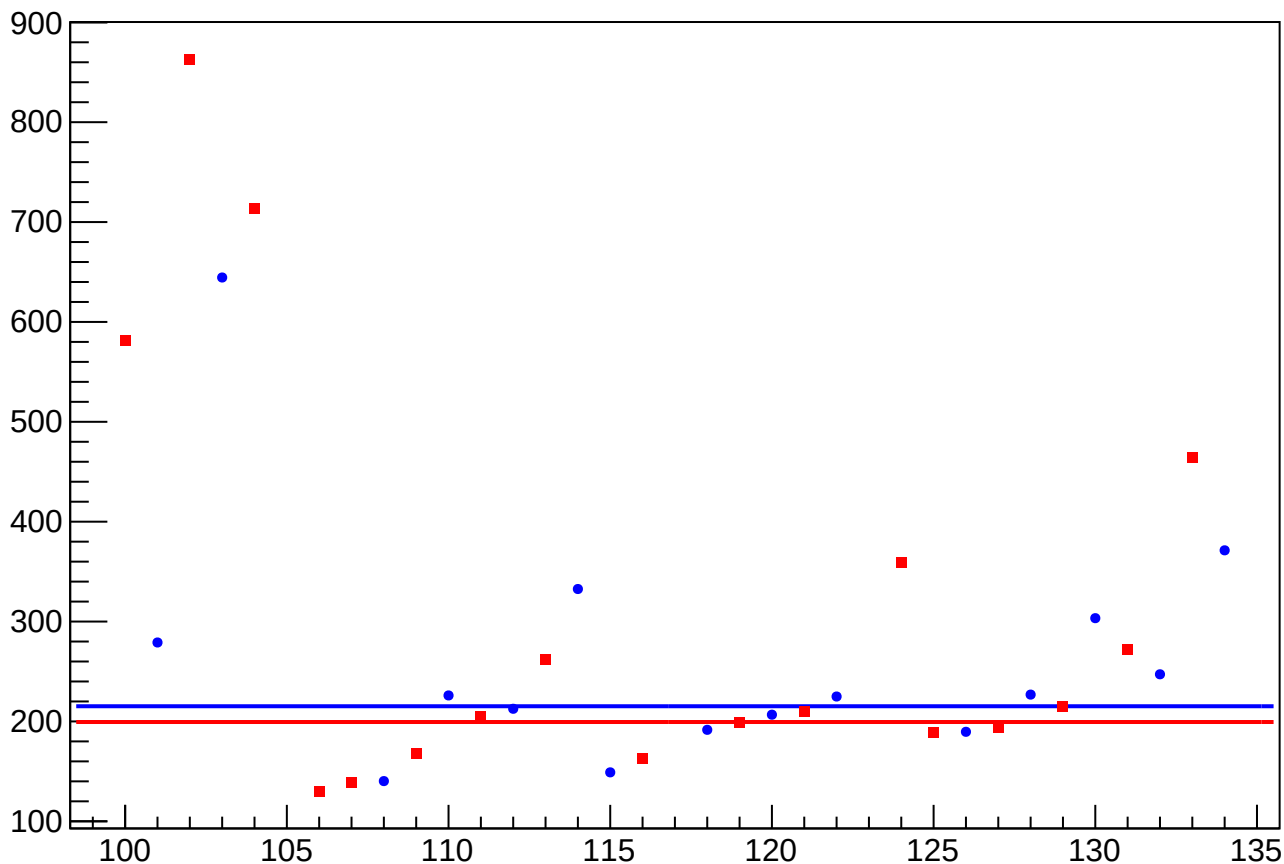
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.065+/-0.063 χ^2/NDF : 34.0/31

- 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+/-0.065 χ^2/NDF : 1148551.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.421+/-0.061 χ^2/NDF : 1760366.3/16

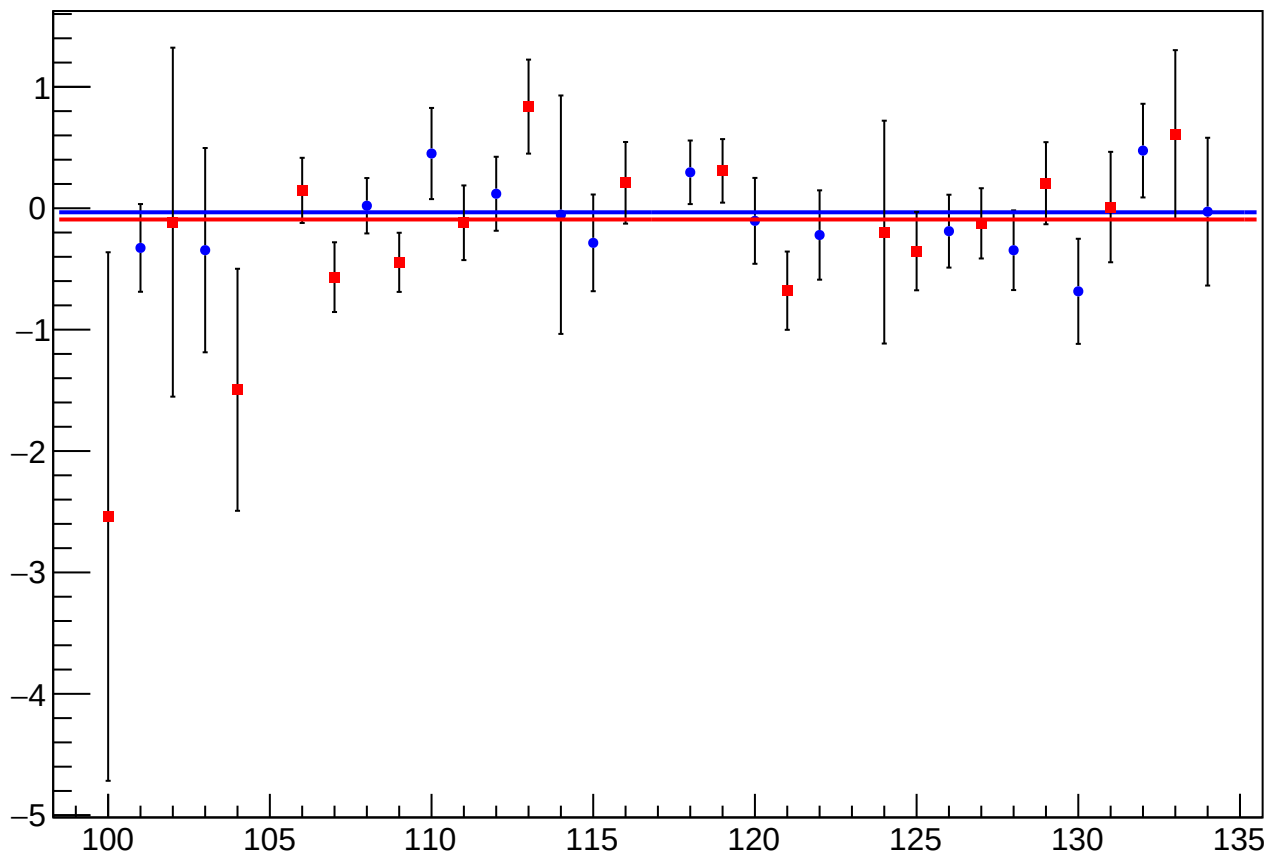
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.855+/-0.045 χ^2/NDF : 2940174.6/31

- sign 0.000+/-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: -0.092+/-0.087 χ^2/NDF : 23.6/16

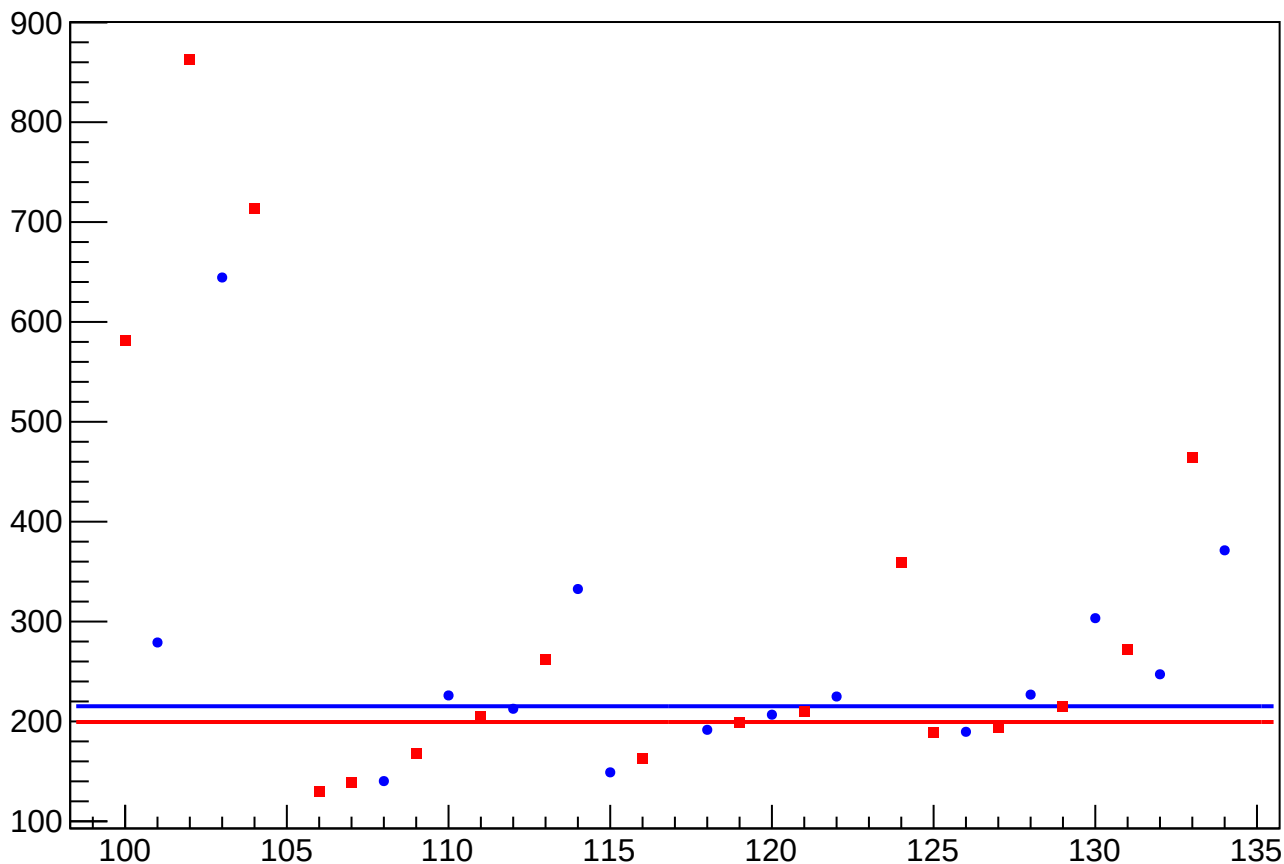
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.065+/-0.063 χ^2/NDF : 34.0/31

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

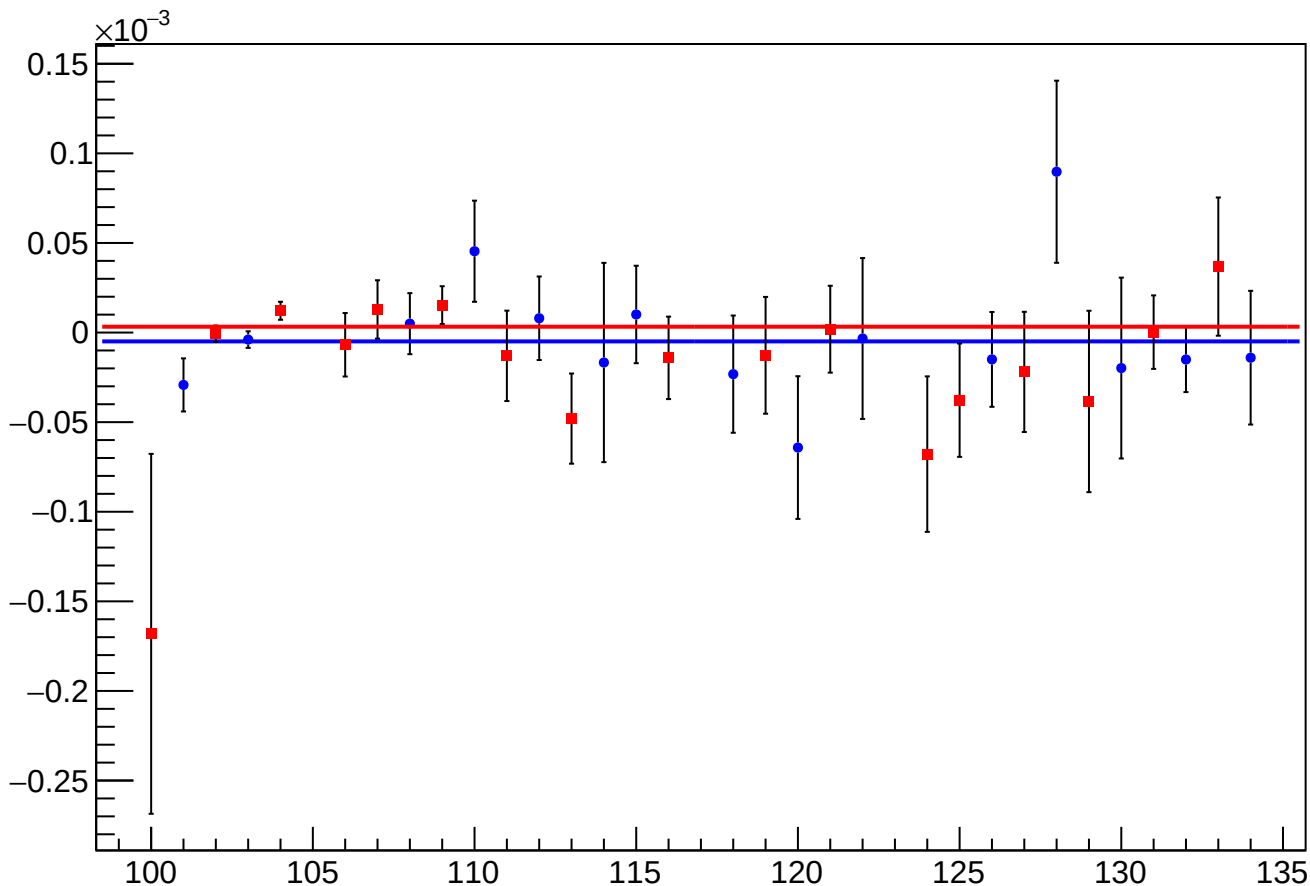
Right Out: 199.421+/-0.061 χ^2/NDF : 1760366.3/16

All: 206.855+/-0.045 χ^2/NDF : 2940174.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_dit_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 : 20.5/16

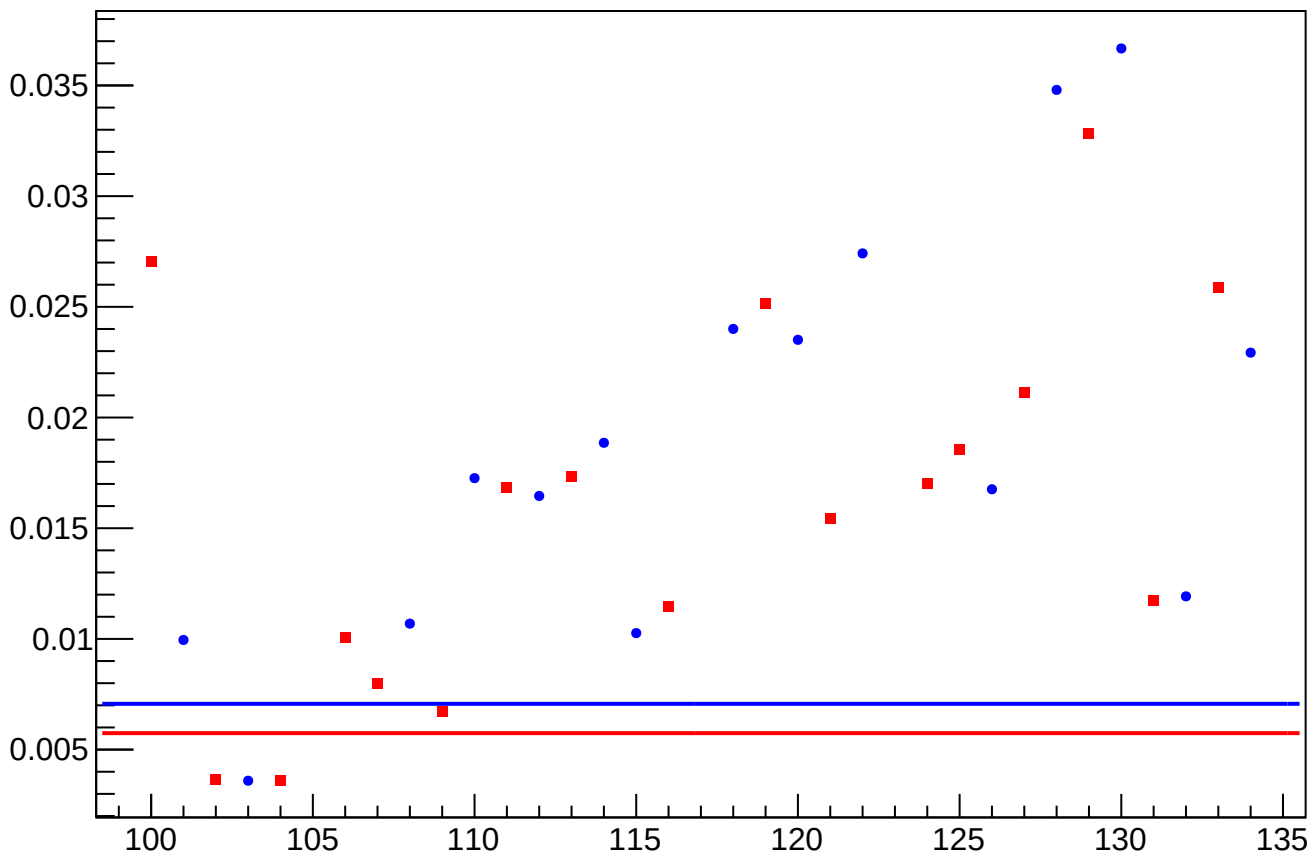
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 36.9/31

- sign 0.000+/-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 : 5177911.0/16

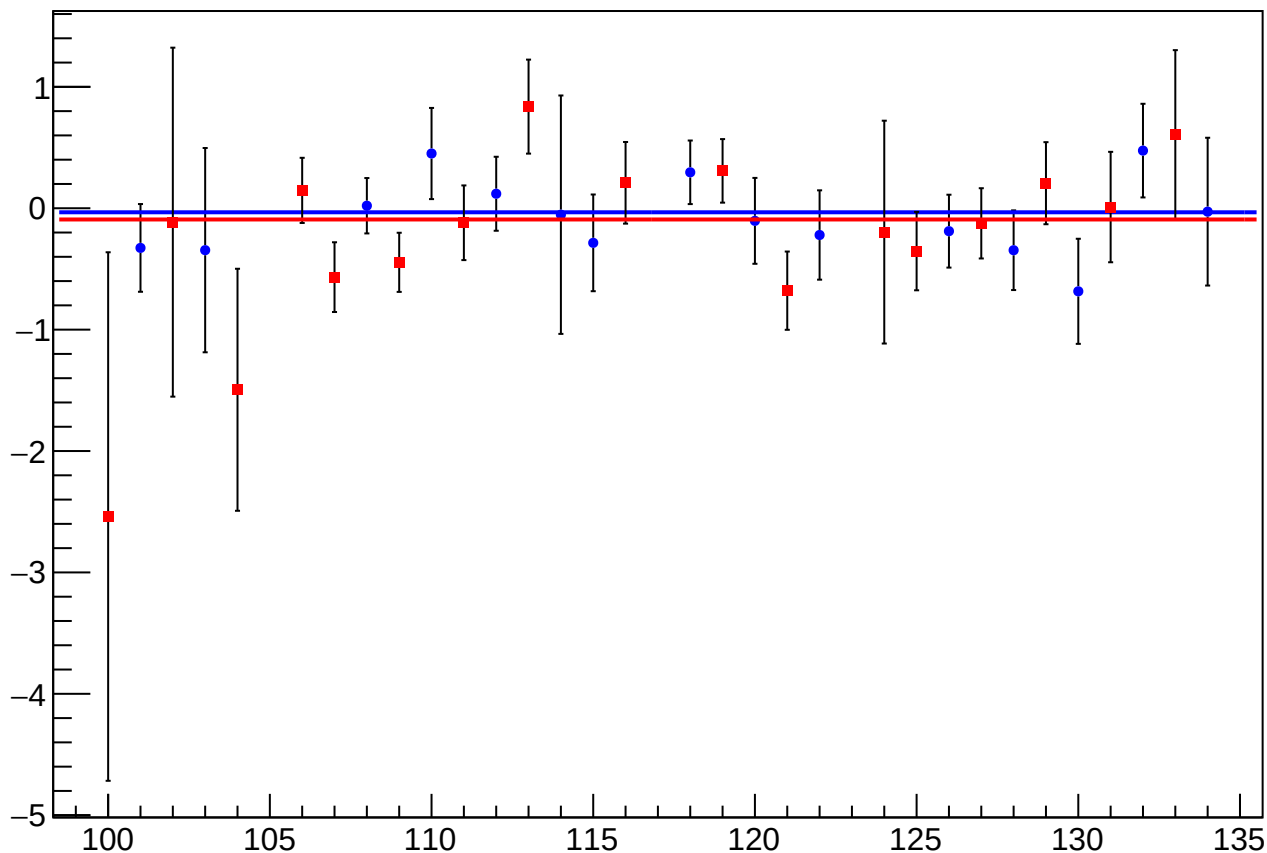
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 10669980.7/31

- 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: -0.092 ± 0.087 χ^2/NDF : 23.6/16

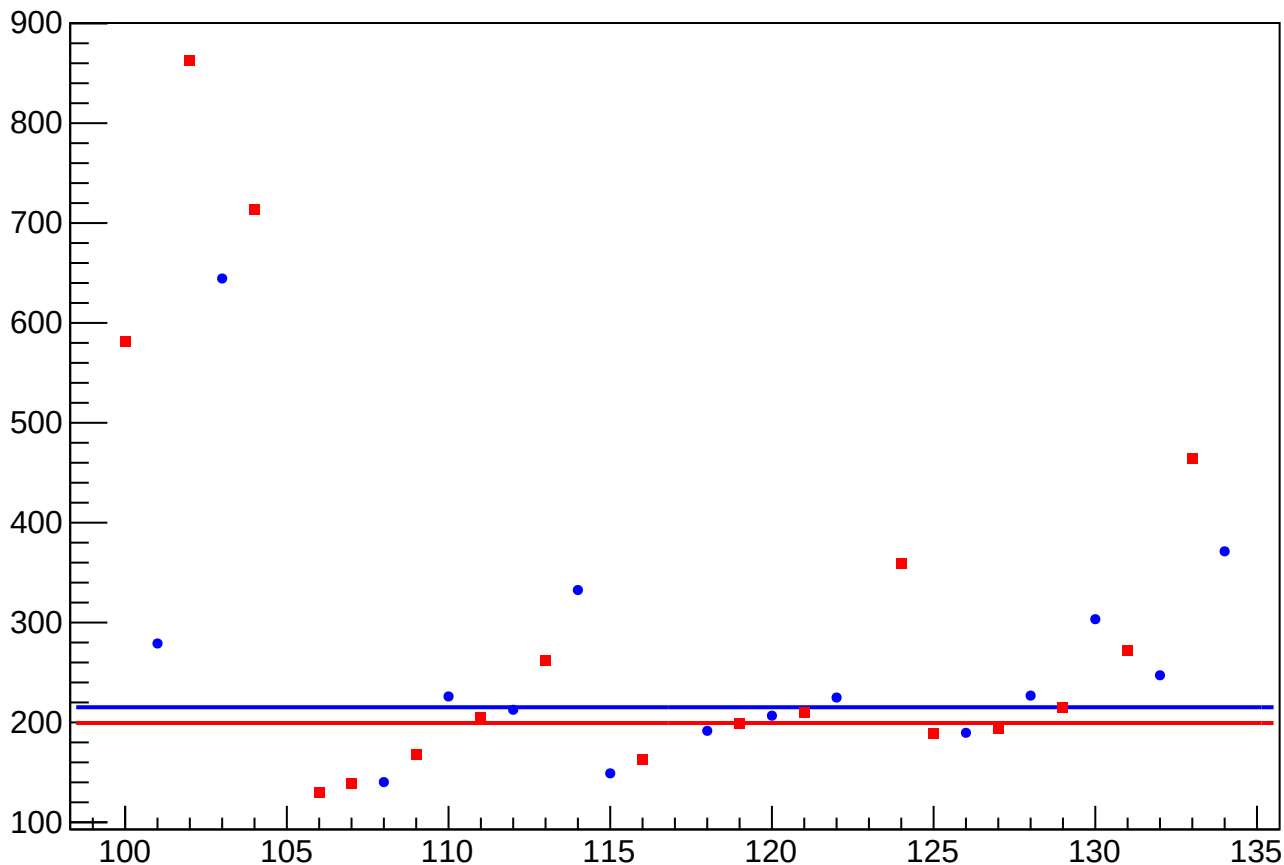
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.065 ± 0.063 χ^2/NDF : 34.0/31

- 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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

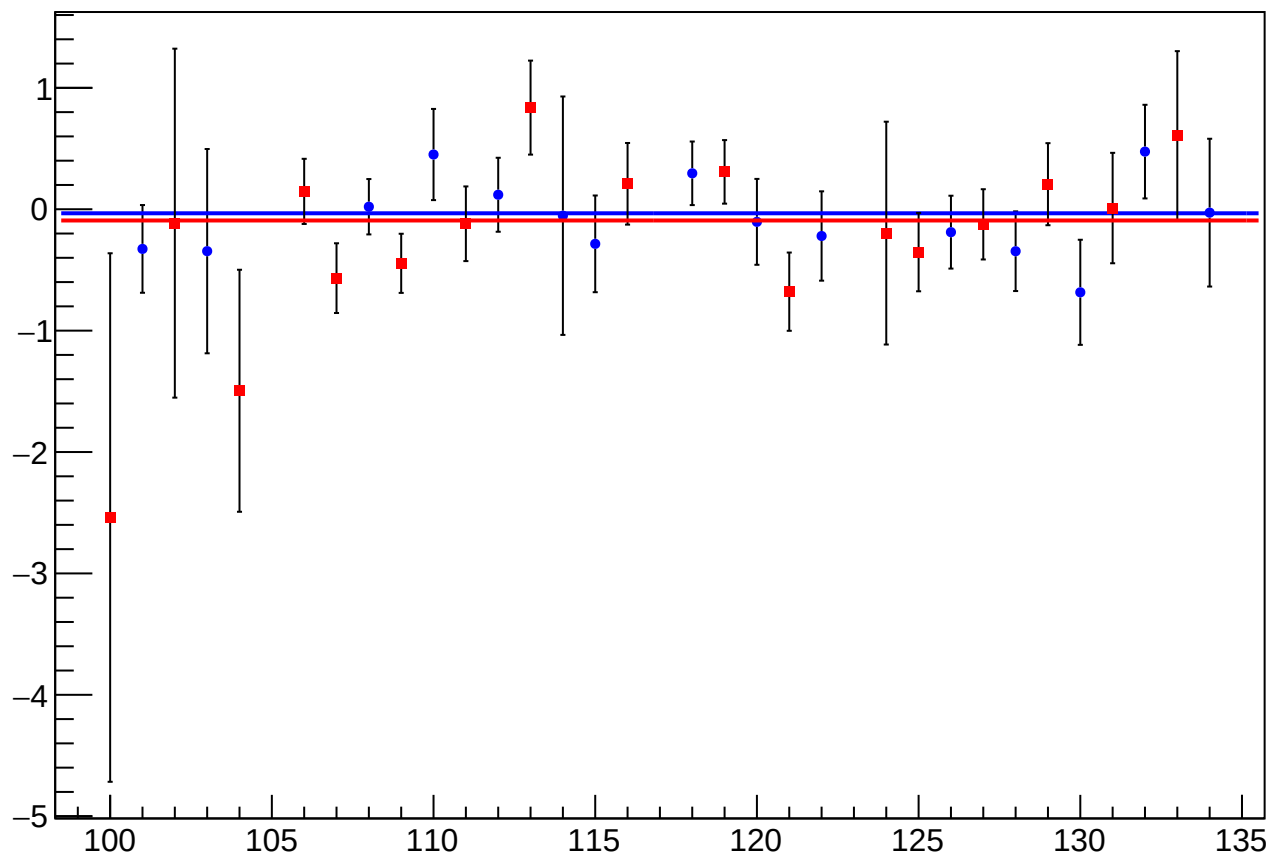
Right Out: 199.419 $\pm$ 0.061 χ^2 /NDF: 1760335.8/16

All: 206.852 $\pm$ 0.045 χ^2 /NDF: 2940115.7/31

- 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_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: -0.092+/-0.087 χ^2/NDF : 23.6/16

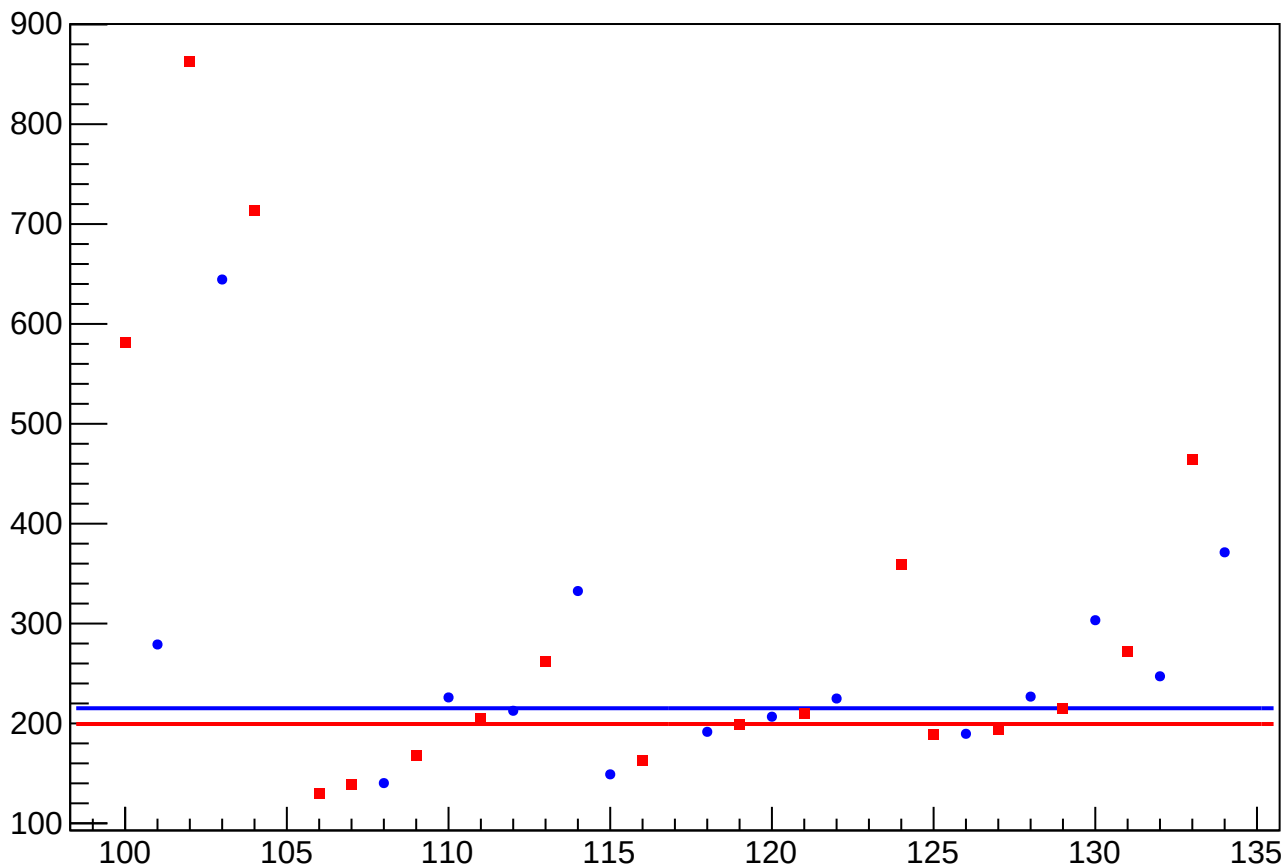
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.065+/-0.063 χ^2/NDF : 34.0/31

- 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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

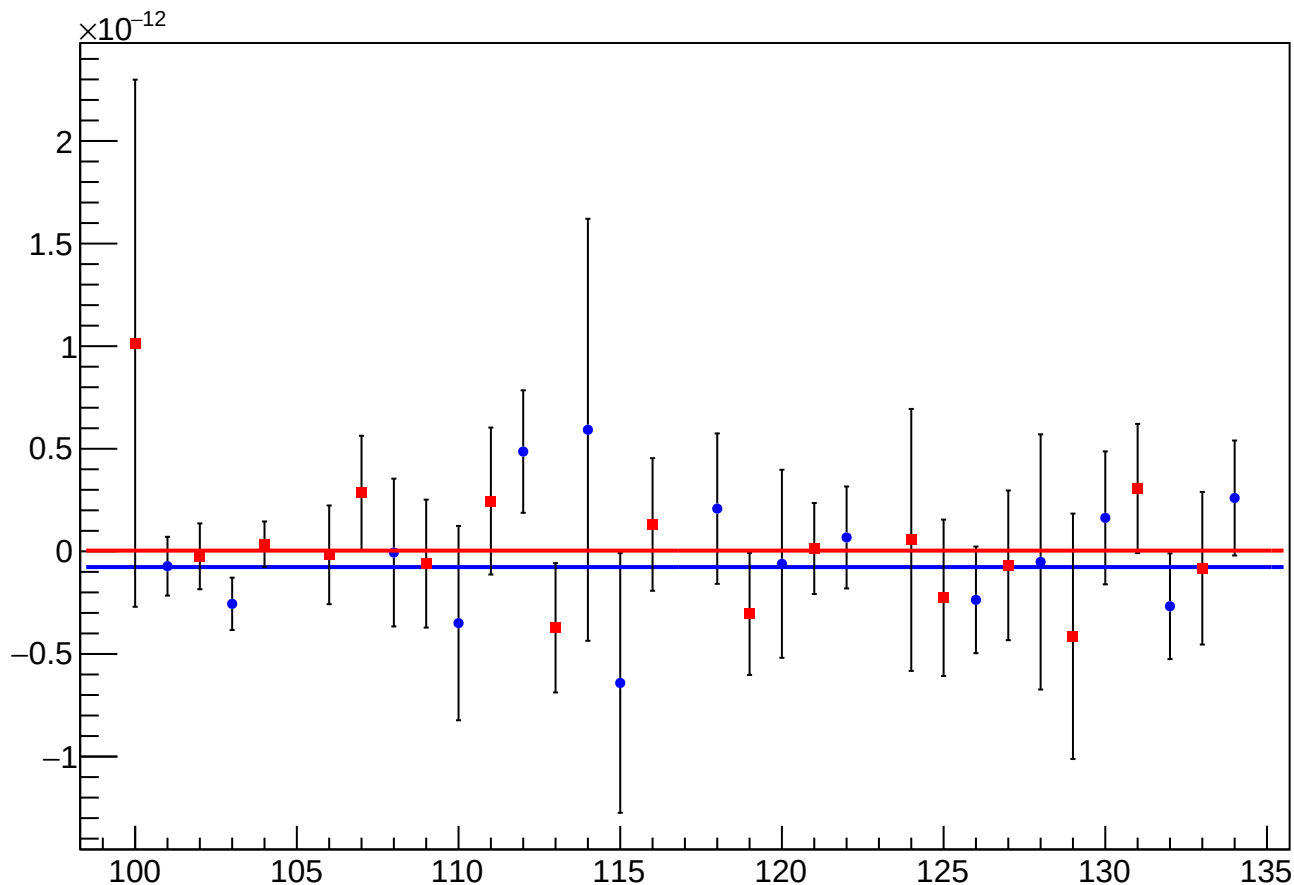
Right Out: 199.419 $\pm$ 0.061 χ^2 /NDF: 1760335.8/16

All: 206.852 $\pm$ 0.045 χ^2 /NDF: 2940115.7/31

- 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_usr_atr2_avg_eigen_cor_vs_cor_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 : 6.8/16

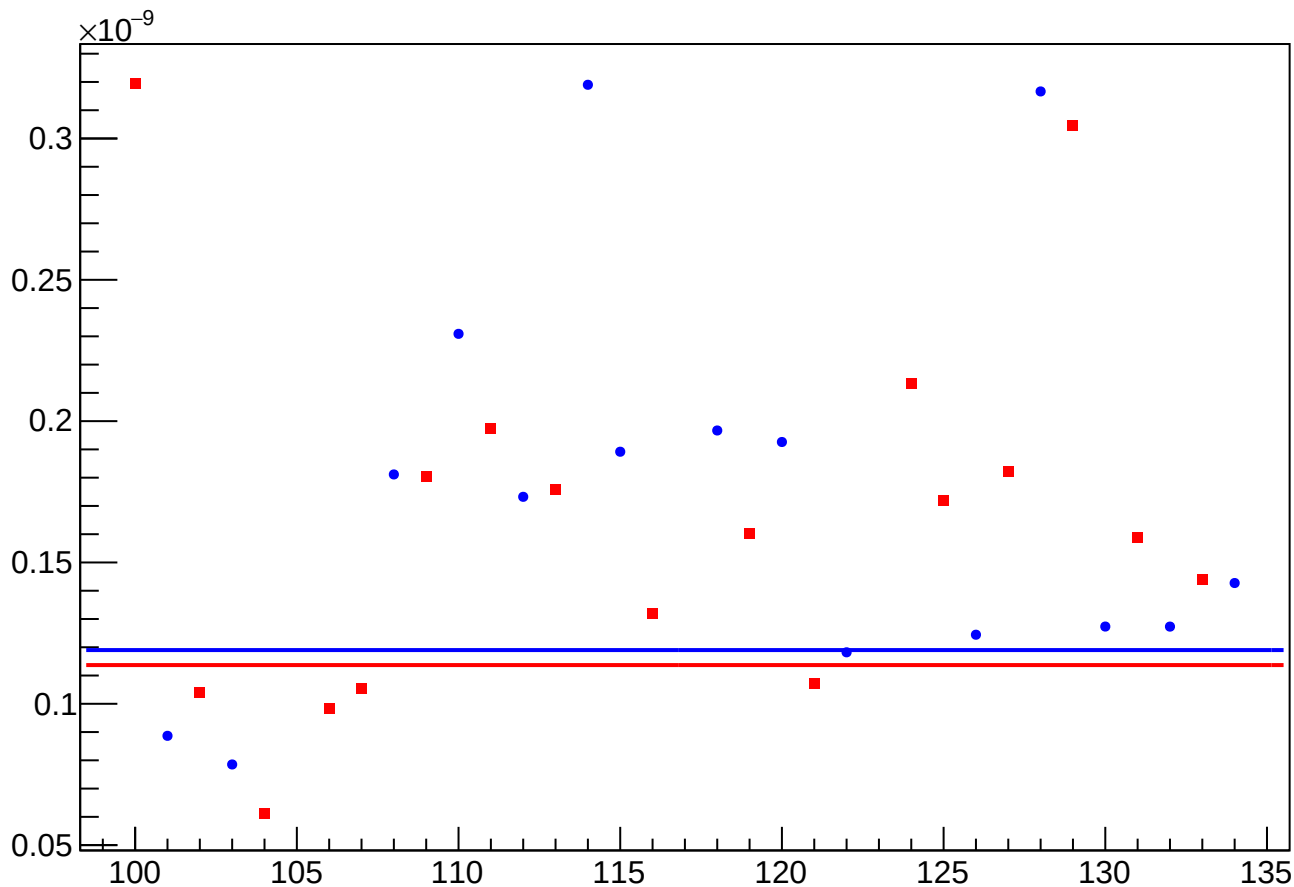
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 18.5/31

- sign 0.000 ± 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 : 1281288.1/16

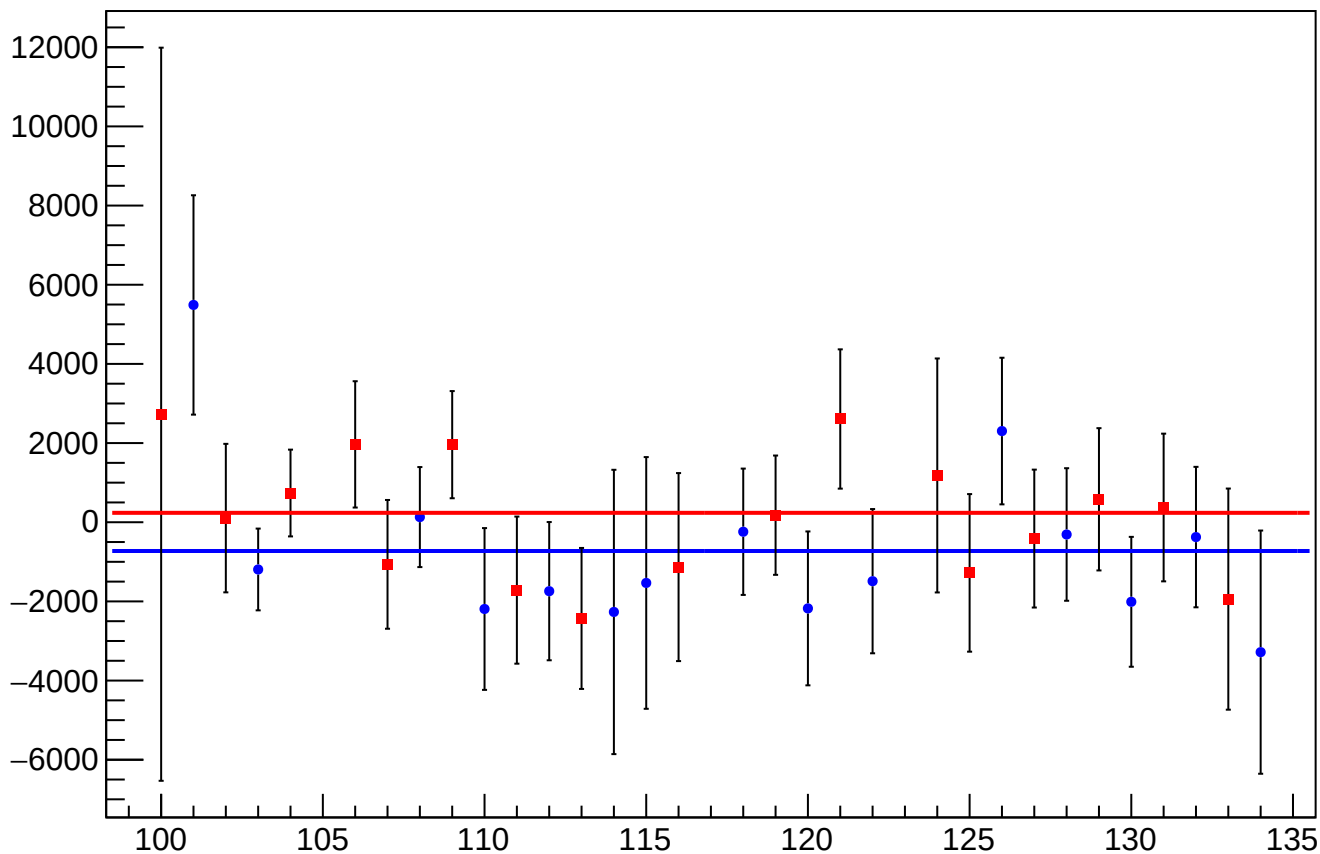
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2278581.3/31

- 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: 237.709+/-429.861 χ^2/NDF : 10.7/16

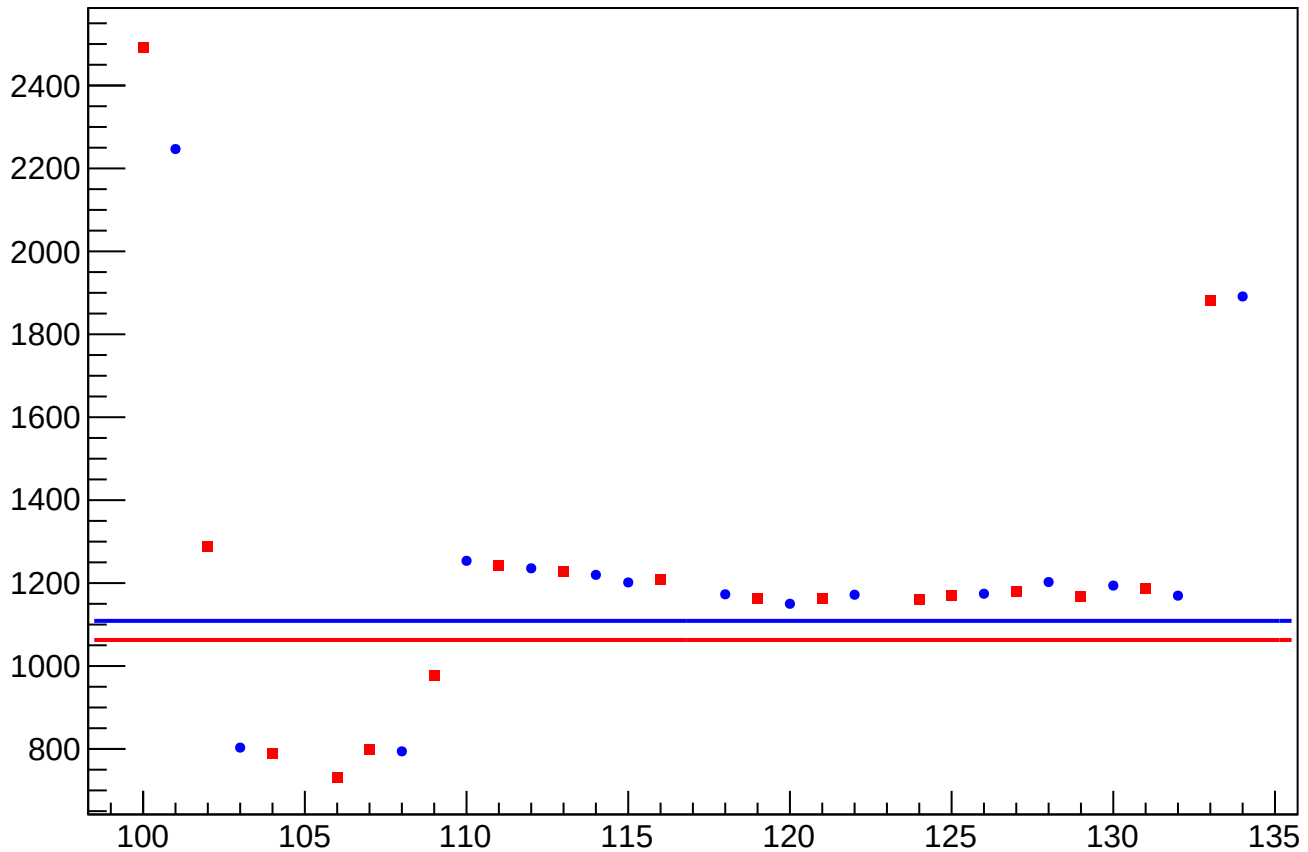
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -217.540+/-312.320 χ^2/NDF : 24.8/31

- 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: 1062.826+/-0.301 χ^2/NDF : 632265.9/16

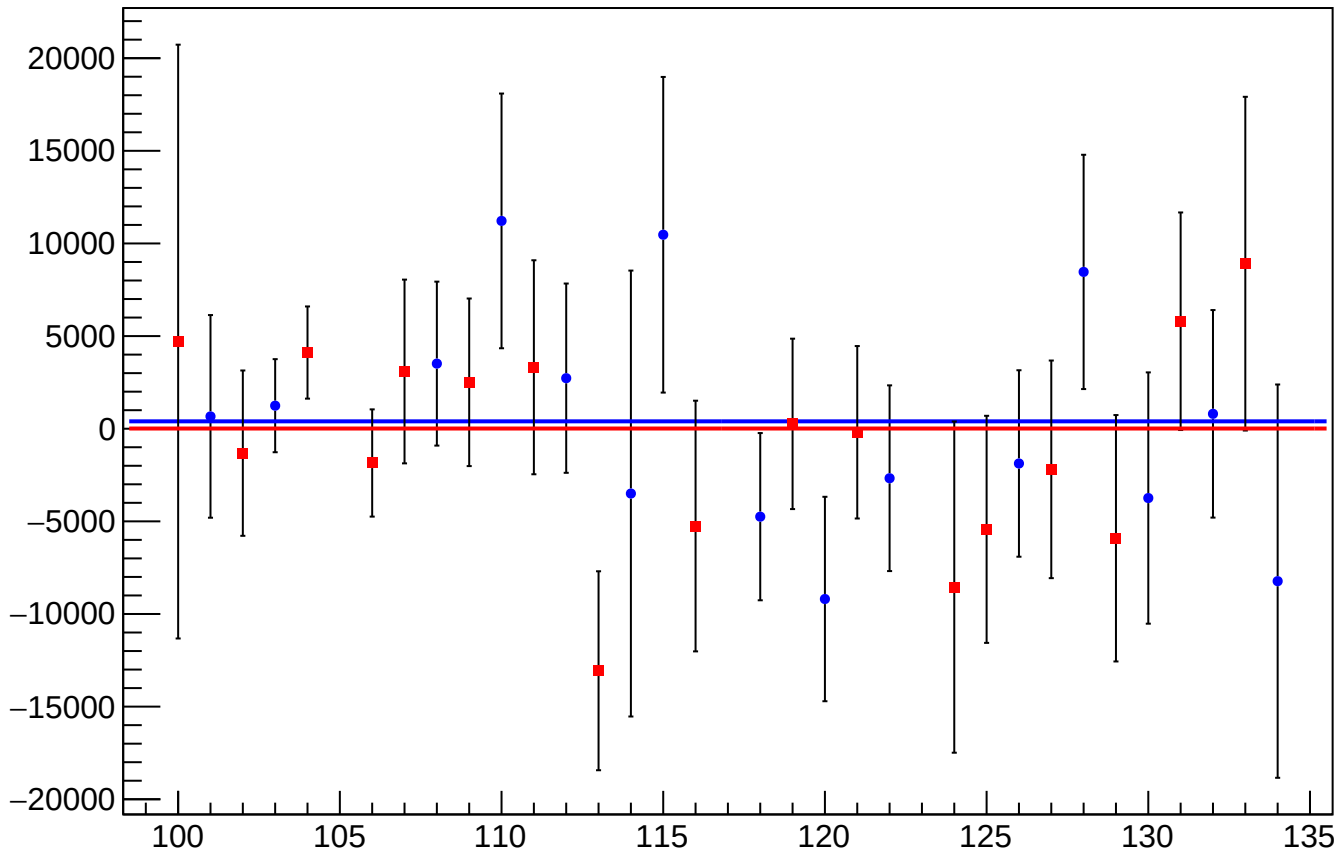
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1084.364+/-0.220 χ^2/NDF : 1456576.5/31

- 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: 10.642 $\pm$ 1165.144 χ^2 /NDF: 15.4/16

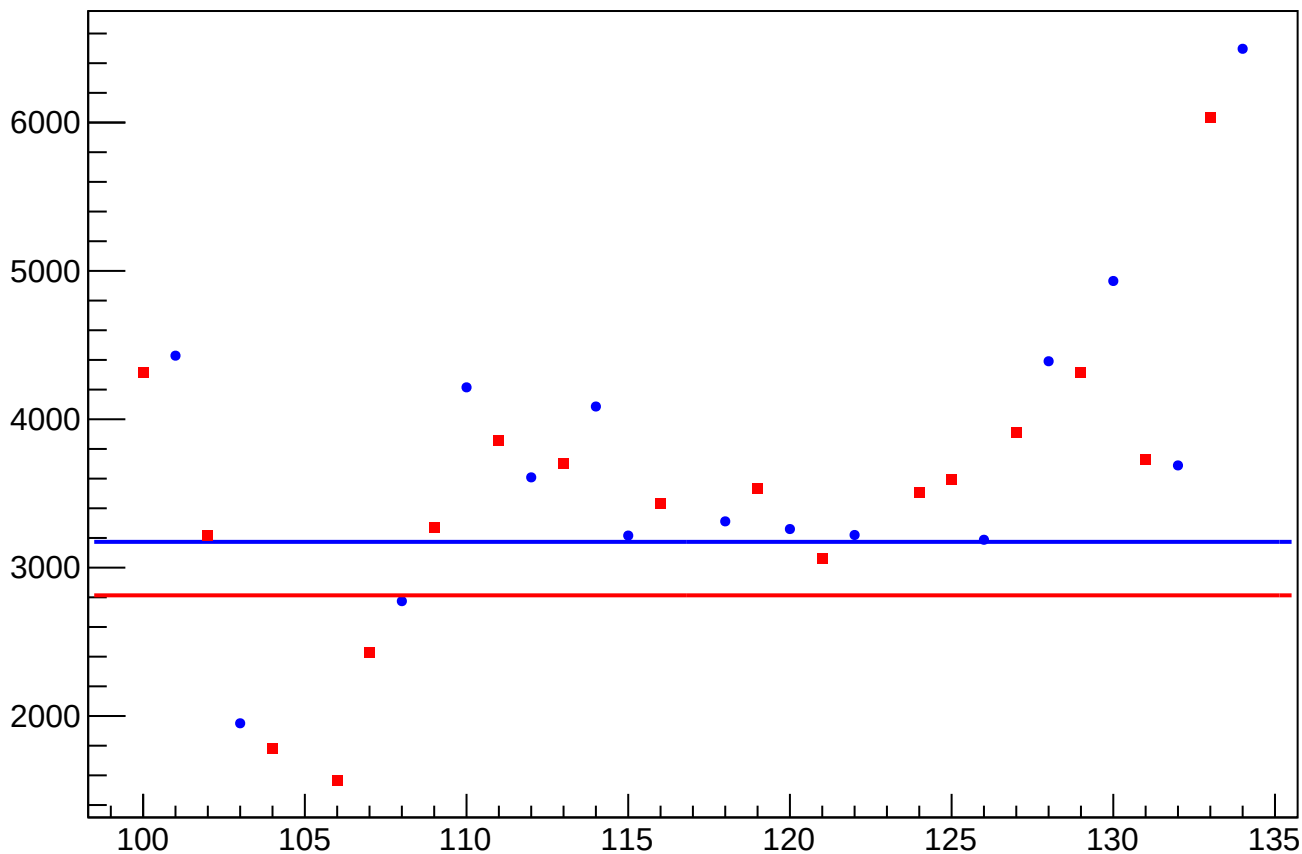
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 180.366 $\pm$ 874.221 χ^2 /NDF: 27.9/31

- 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

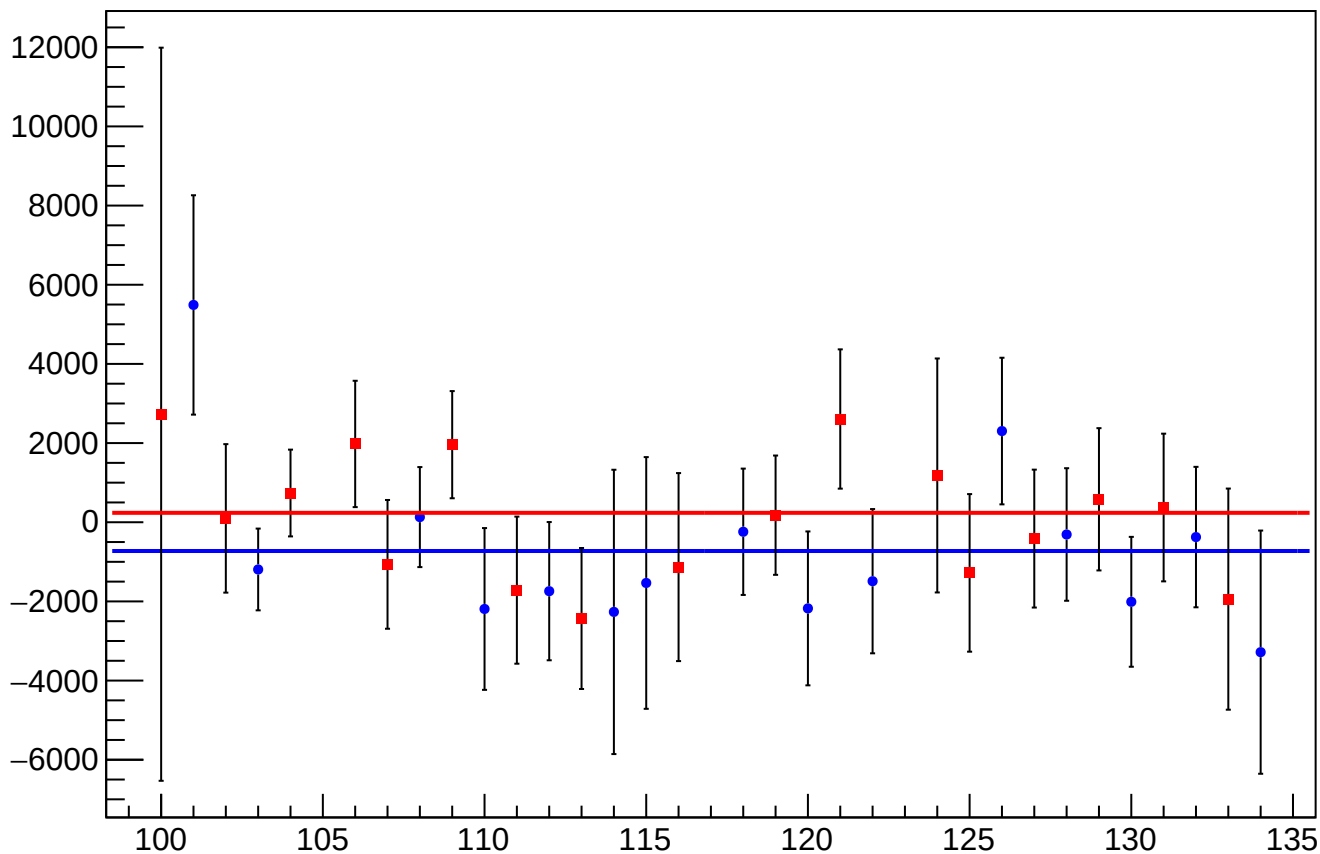
Right Out: 2813.283+/-0.824 χ^2/NDF : 1491586.6/16

All: 2970.826+/-0.618 χ^2/NDF : 2666702.6/31

- 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_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: 238.026+/-429.866 χ^2/NDF : 10.7/16

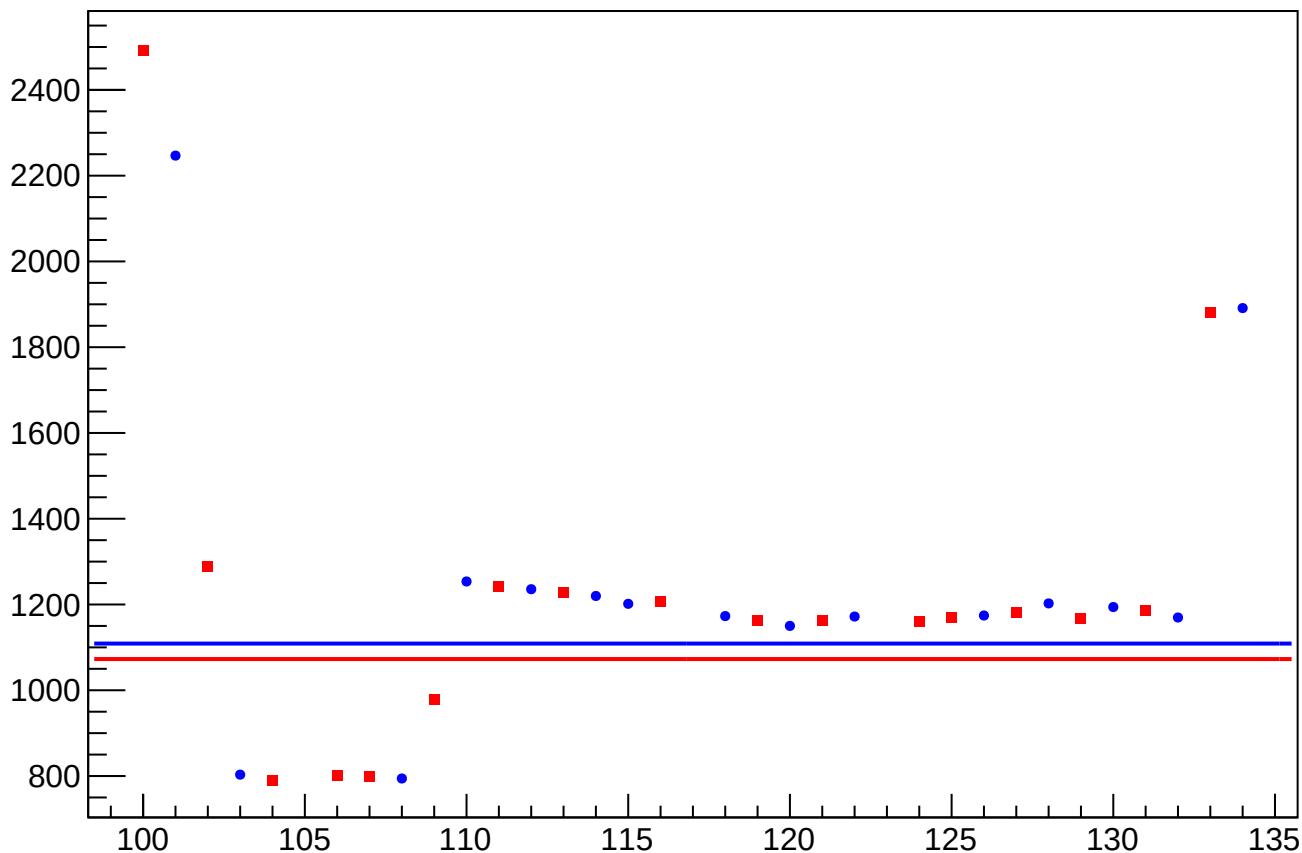
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -217.335+/-312.322 χ^2/NDF : 24.8/31

- 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

Right Out: 1072.786+/-0.303 χ^2/NDF : 580187.0/16

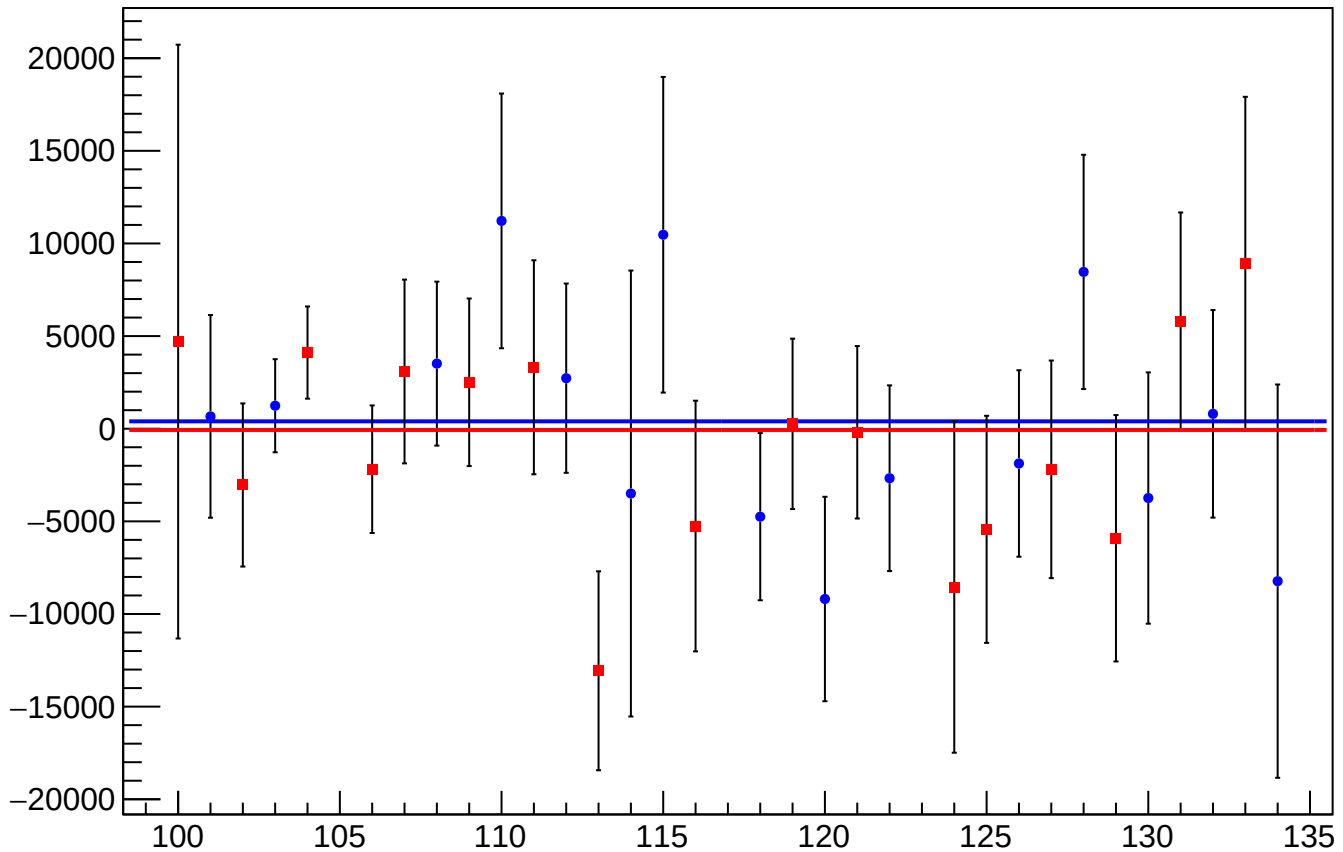
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1089.793+/-0.221 χ^2/NDF : 1400233.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_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: -65.857 $\pm$ 1192.690 χ^2 /NDF: 15.8/16

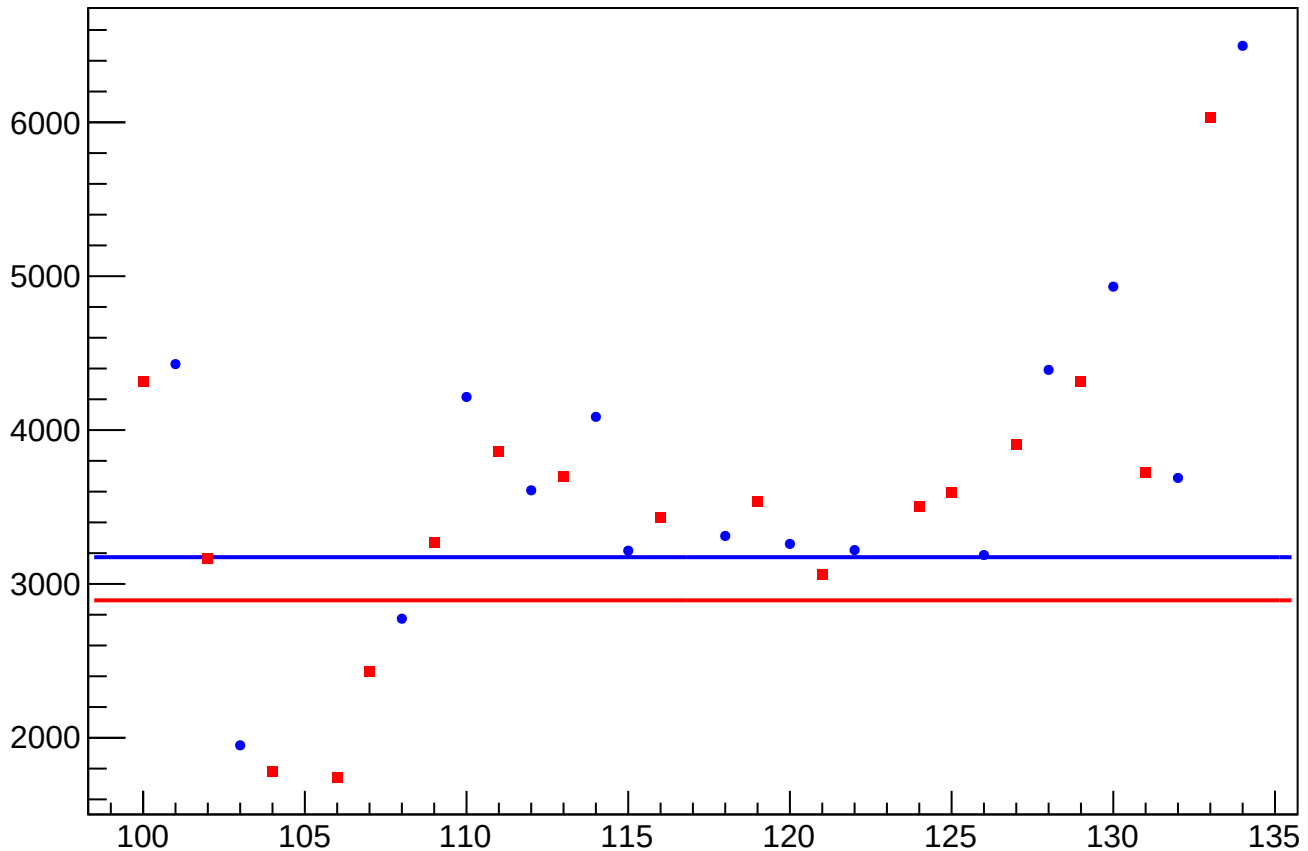
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 142.362 $\pm$ 885.696 χ^2 /NDF: 28.3/31

- sign 0.000 $\pm$ 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: 2893.655+/-0.843 χ^2/NDF : 1300535.7/16

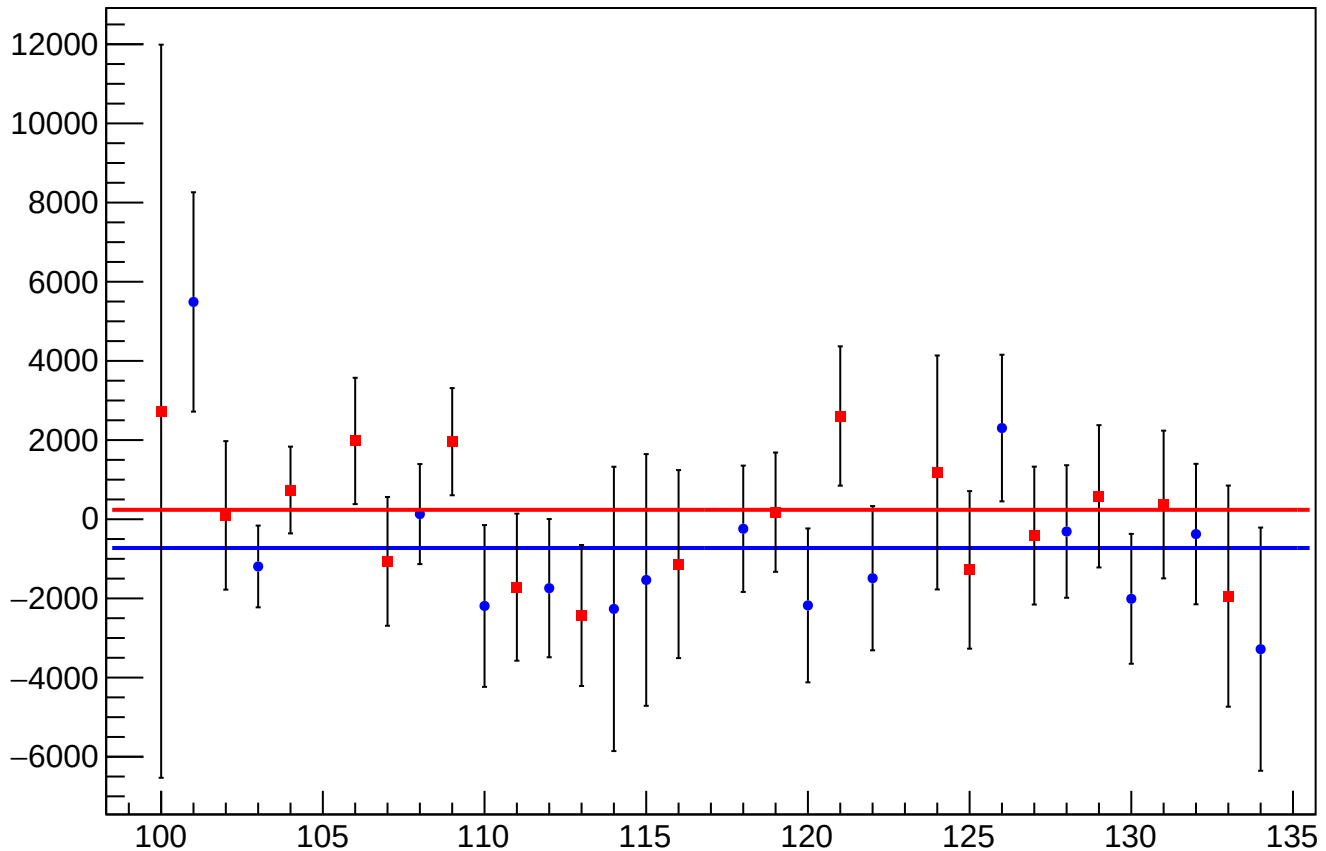
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3019.391+/-0.626 χ^2/NDF : 2441103.0/31

- 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: 238.026+/-429.866 χ^2/NDF : 10.7/16

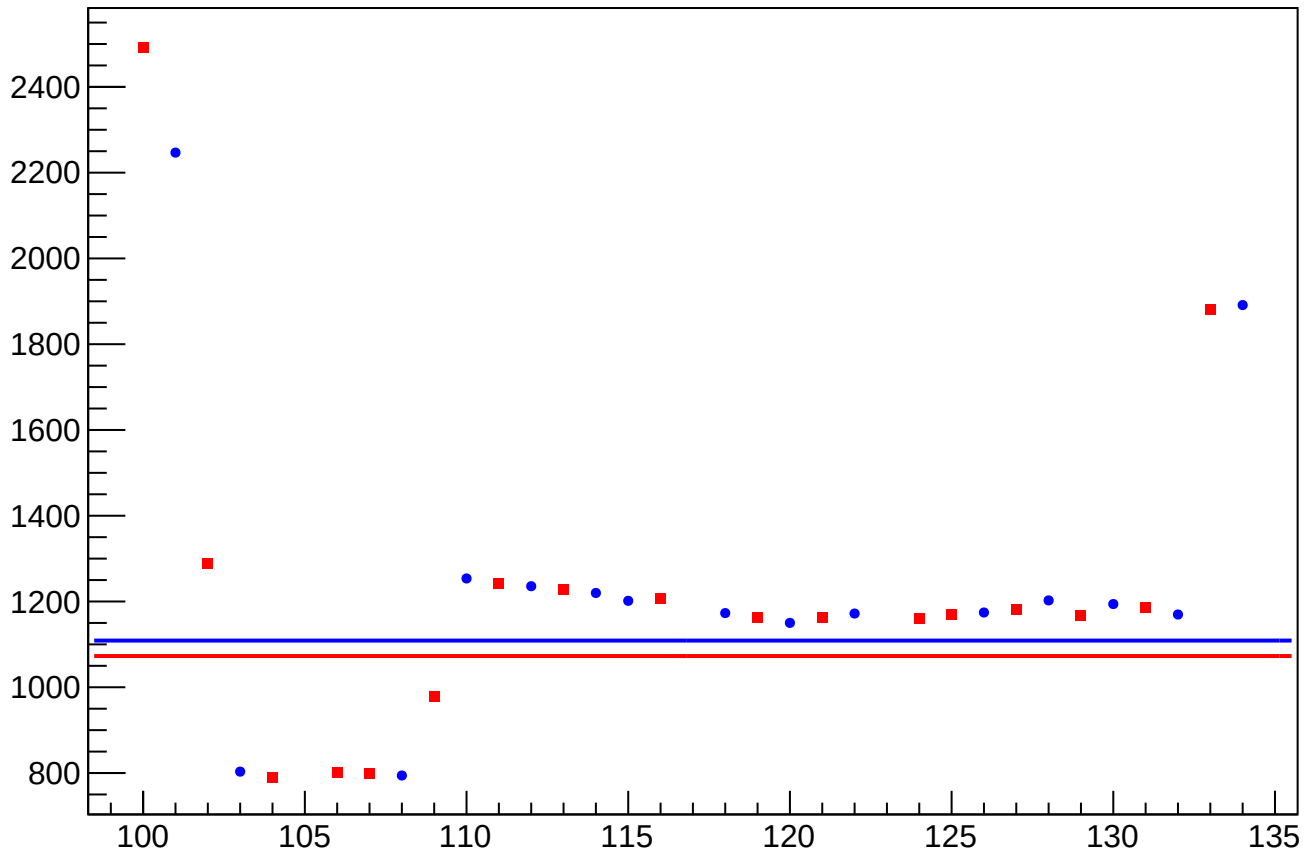
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -217.335+/-312.322 χ^2/NDF : 24.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr2_dd_rms vs Slug



Right In: 1108.889 $\pm$ 0.321 χ^2 /NDF: 813372.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1072.786 $\pm$ 0.303 χ^2 /NDF: 580187.0/16

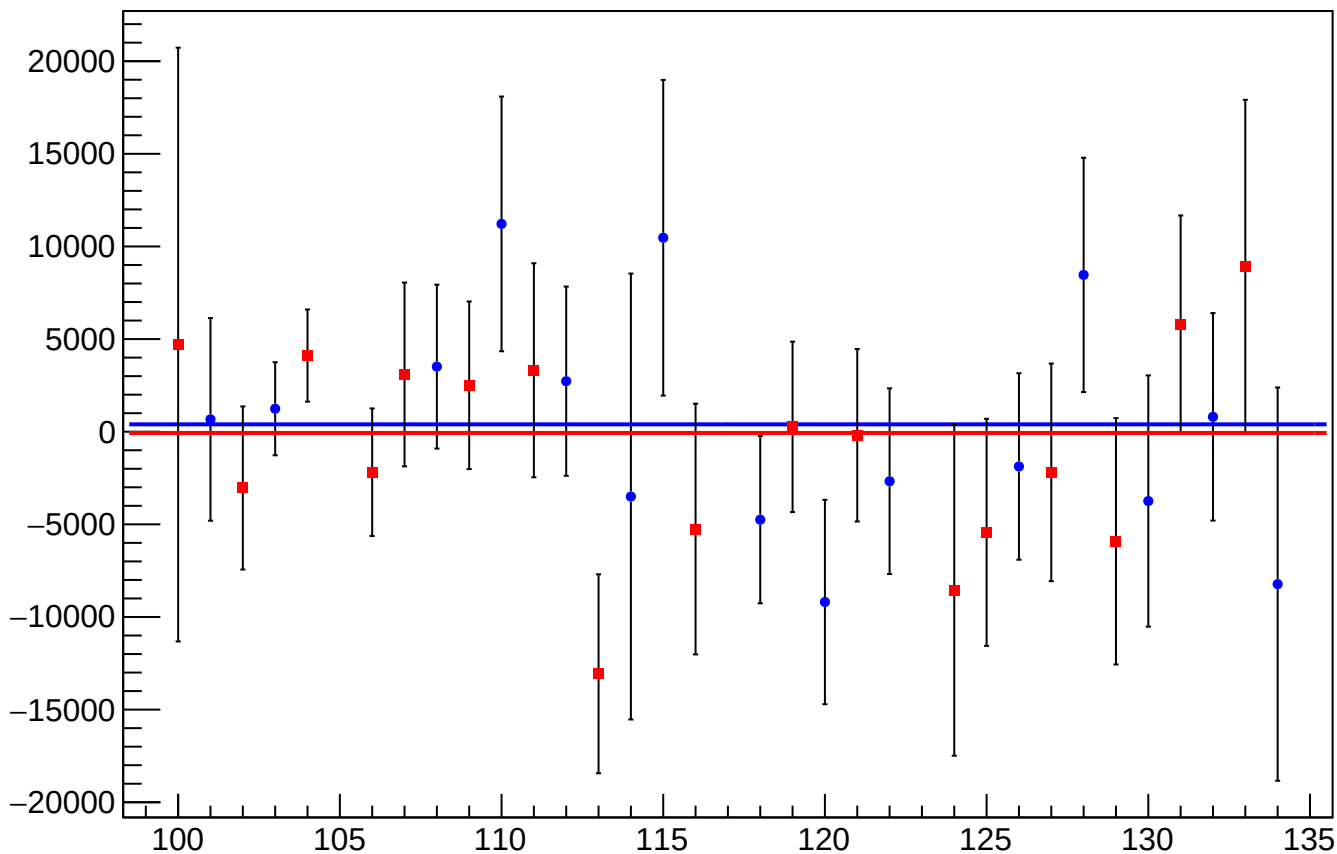
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1089.793 $\pm$ 0.221 χ^2 /NDF: 1400233.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_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: -65.857+/-1192.690 χ^2/NDF : 15.8/16

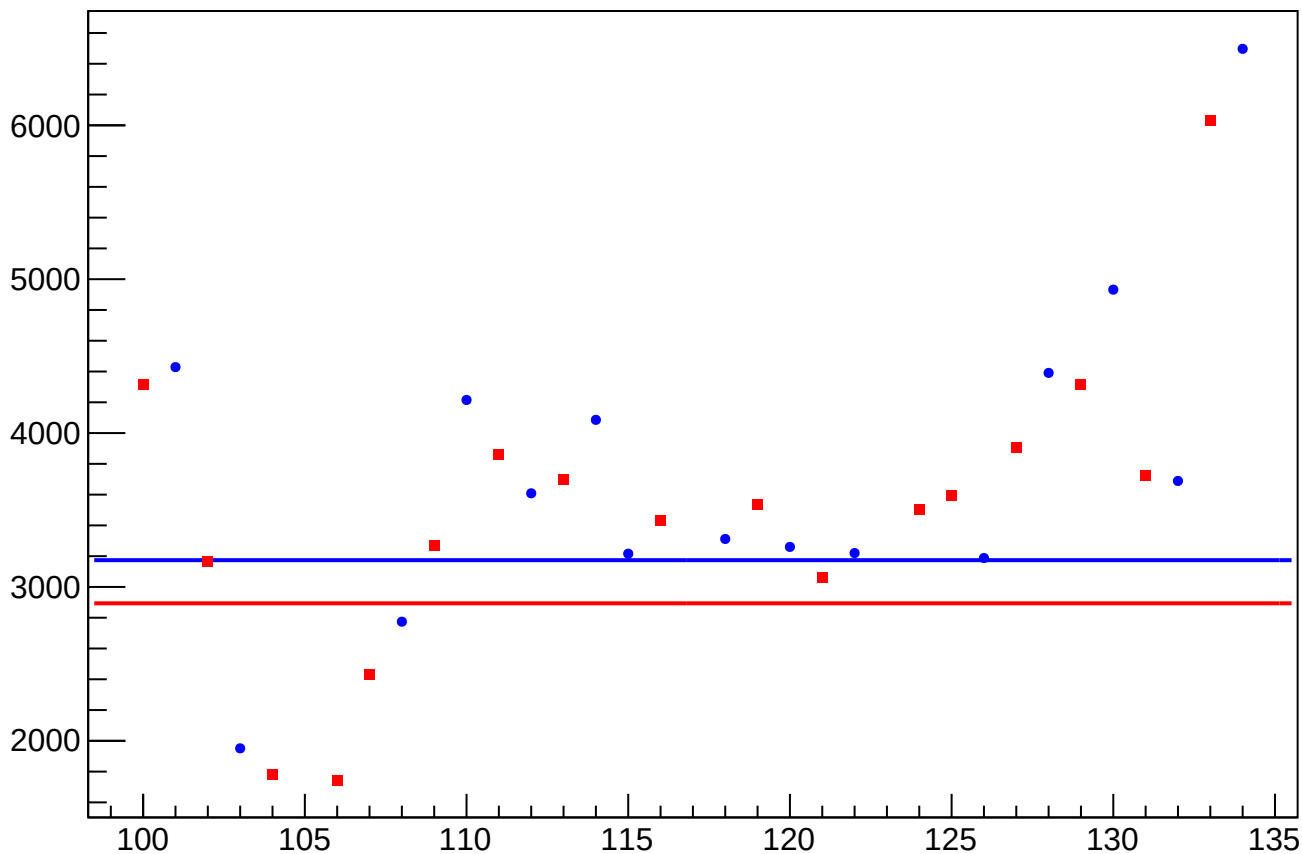
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.362+/-885.696 χ^2/NDF : 28.3/31

- sign 0.000+/-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

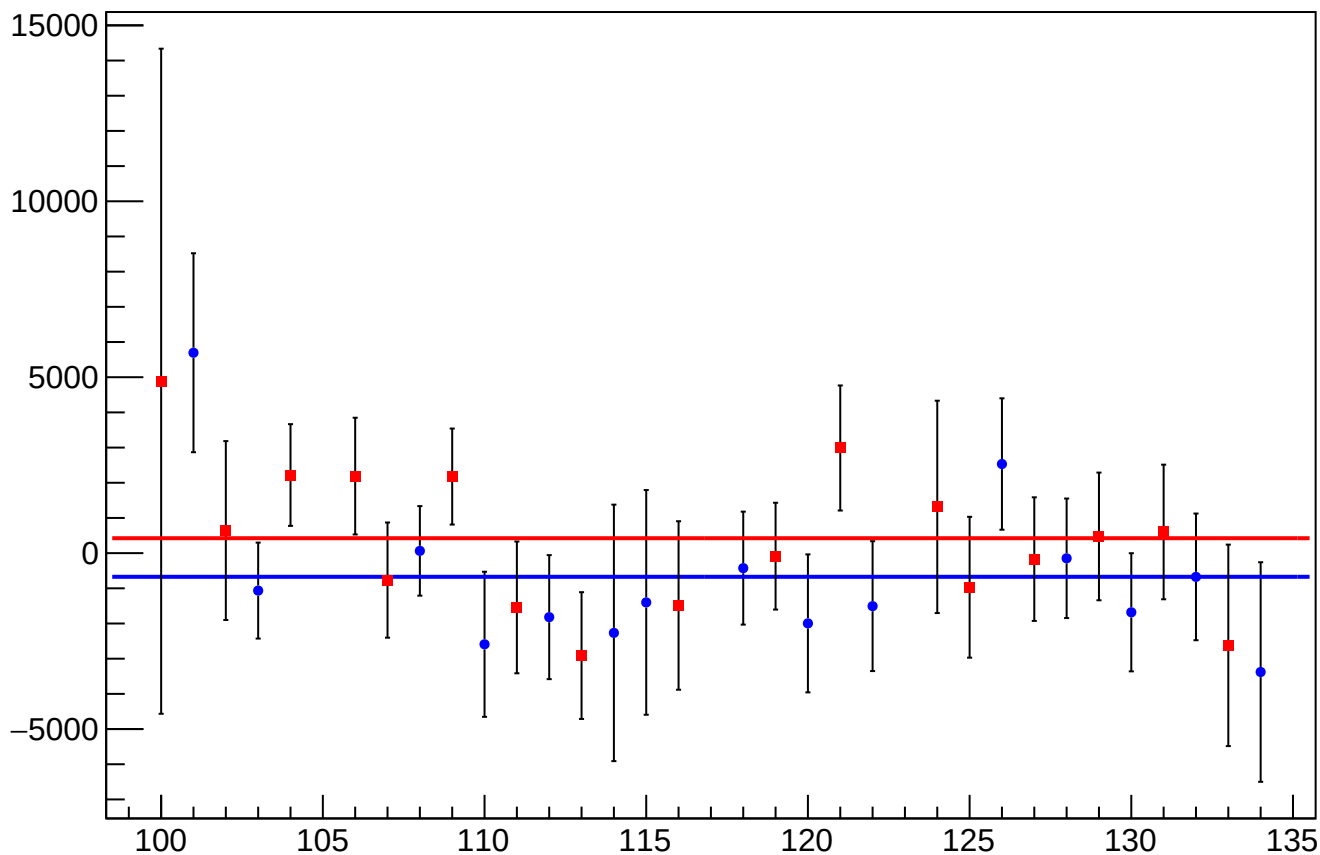
Right Out: 2893.655+/-0.843 χ^2/NDF : 1300535.7/16

All: 3019.391+/-0.626 χ^2/NDF : 2441103.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 424.033 ± 455.530 χ^2/NDF : 14.3/16

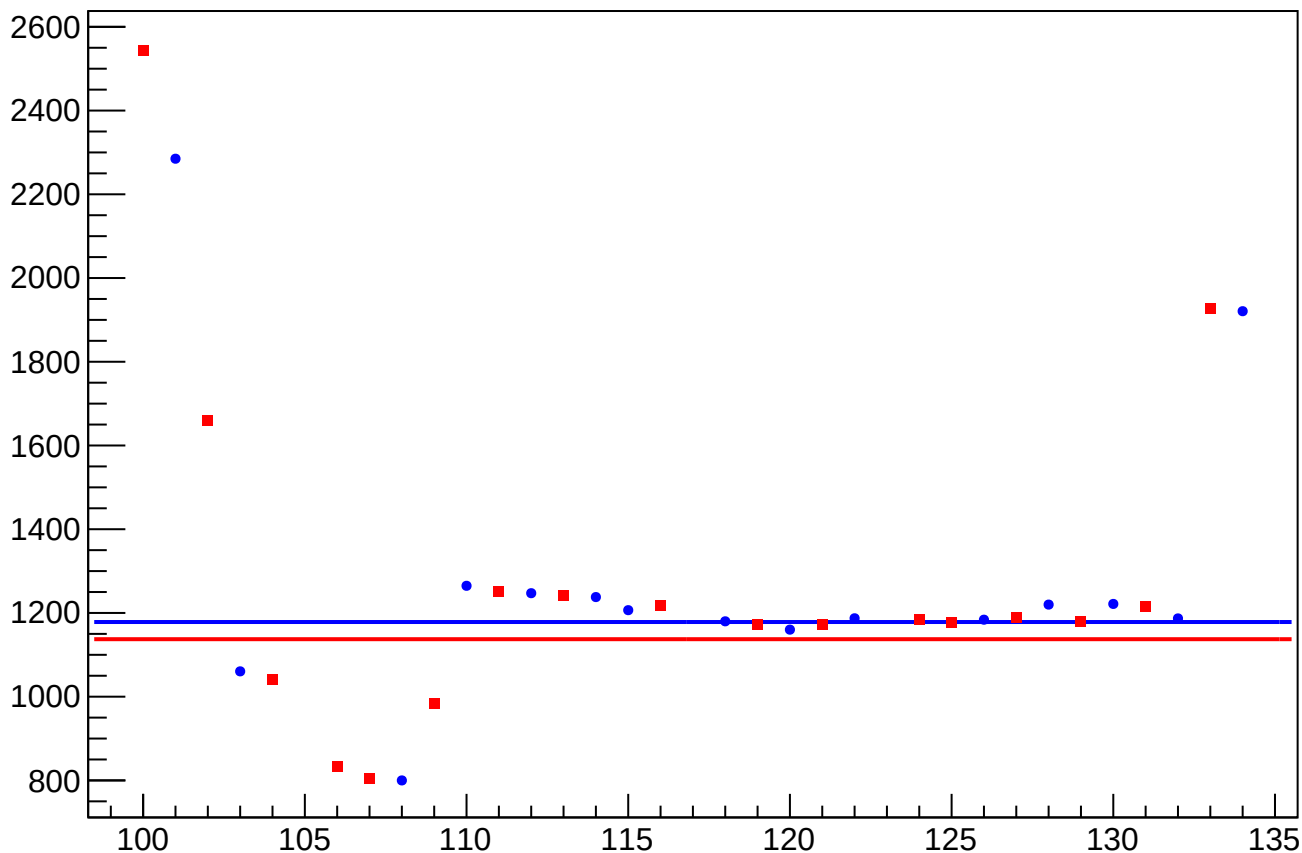
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -96.258 ± 330.211 χ^2/NDF : 28.9/31

- 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: 1137.321+/-0.322 χ^2/NDF : 491705.5/16

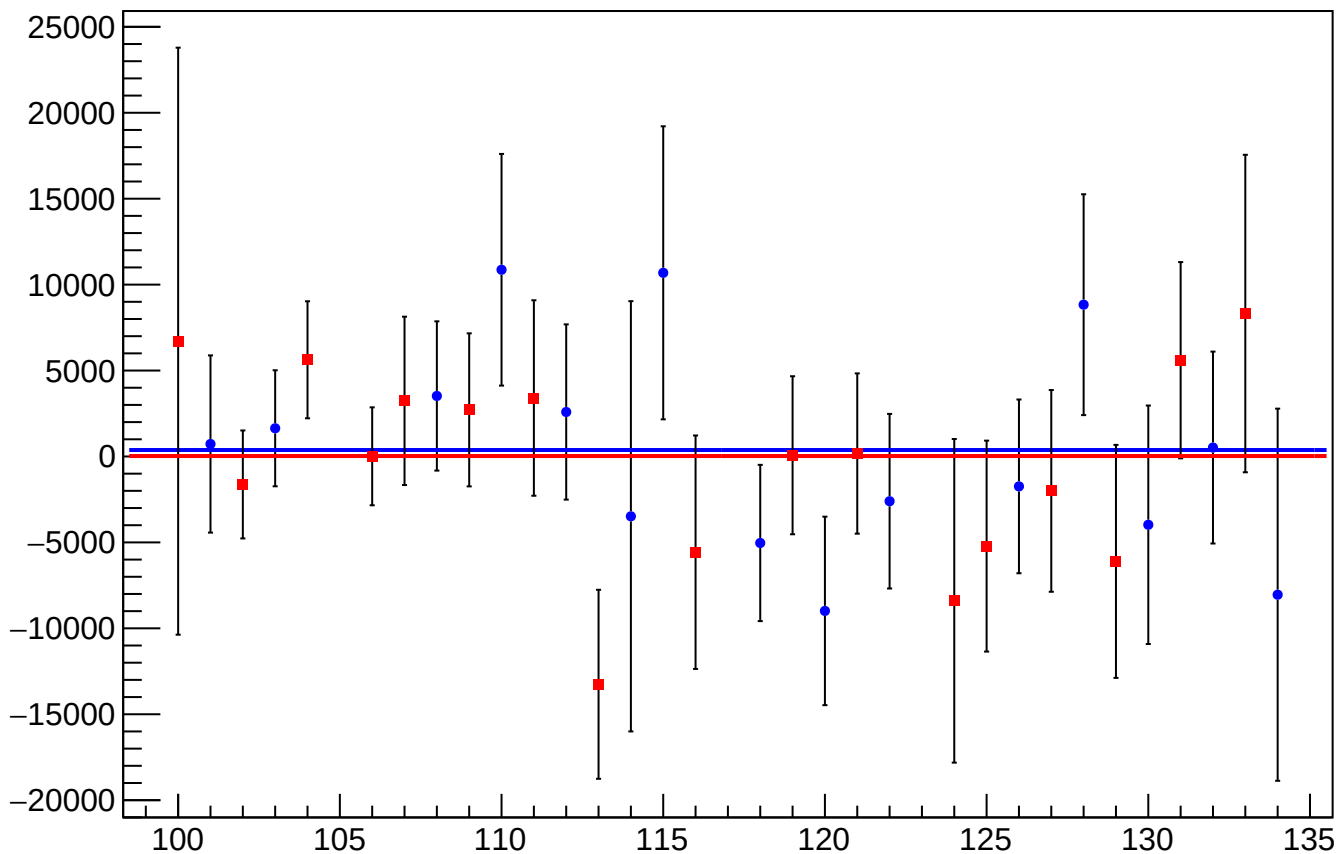
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1156.780+/-0.233 χ^2/NDF : 1120812.1/31

- 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: 25.994 $\pm$ 1181.546 χ^2 /NDF: 15.0/16

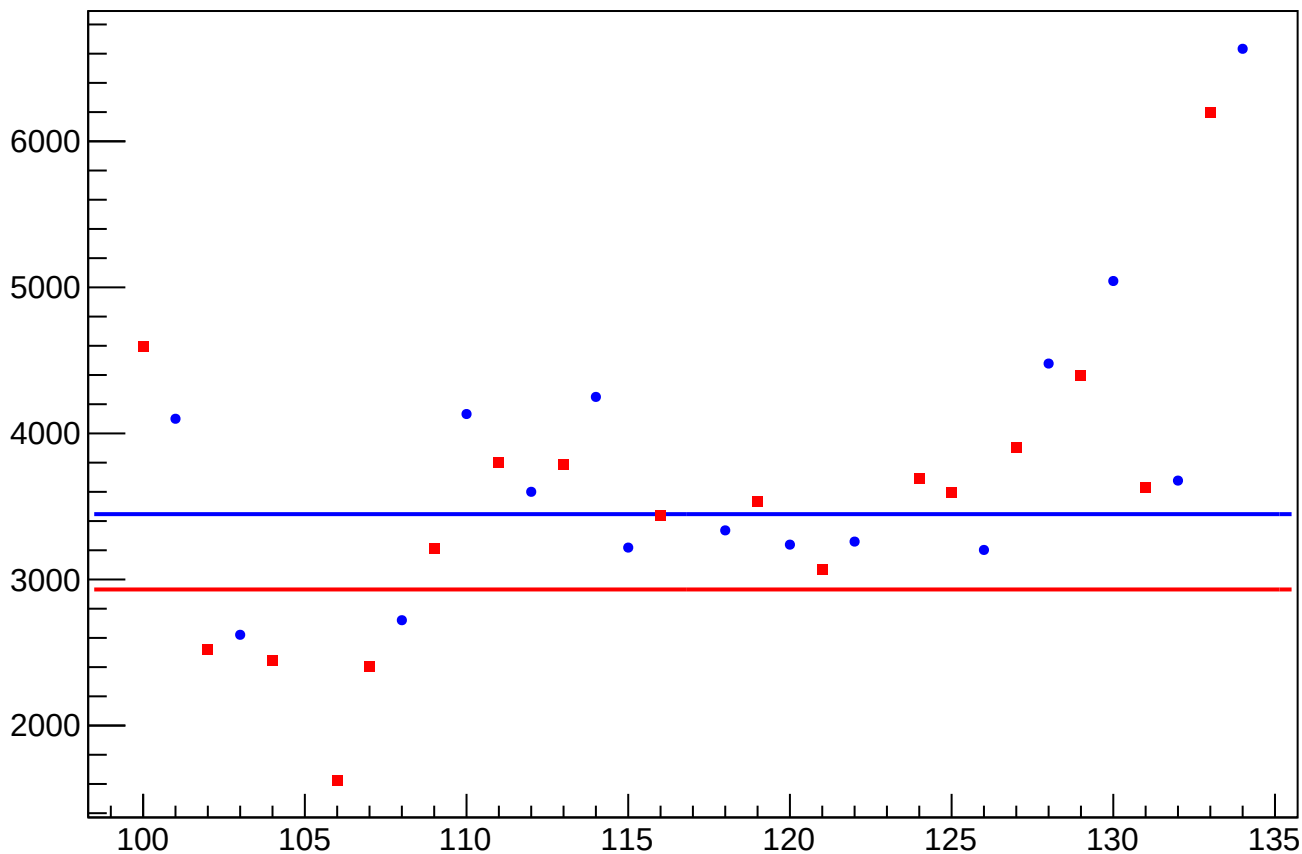
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 170.475 $\pm$ 905.200 χ^2 /NDF: 27.5/31

- 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 $\pm$ 0.996 χ^2 /NDF: 585301.4/14

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

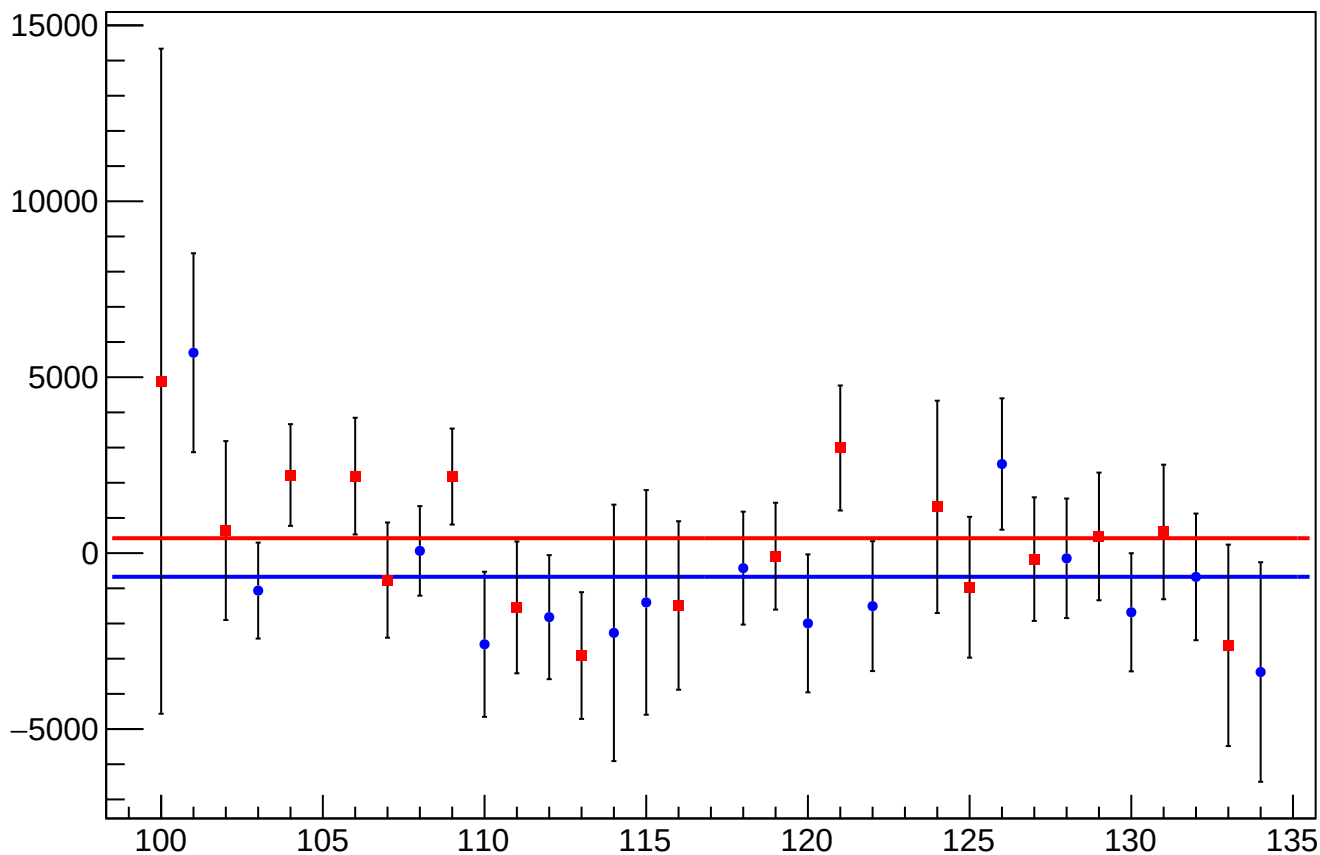
Right Out: 2931.653 $\pm$ 0.835 χ^2 /NDF: 1153715.5/16

All: 3144.693 $\pm$ 0.640 χ^2 /NDF: 1896425.9/31

- 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

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: 424.037+/-455.530 χ^2 /NDF: 14.3/16

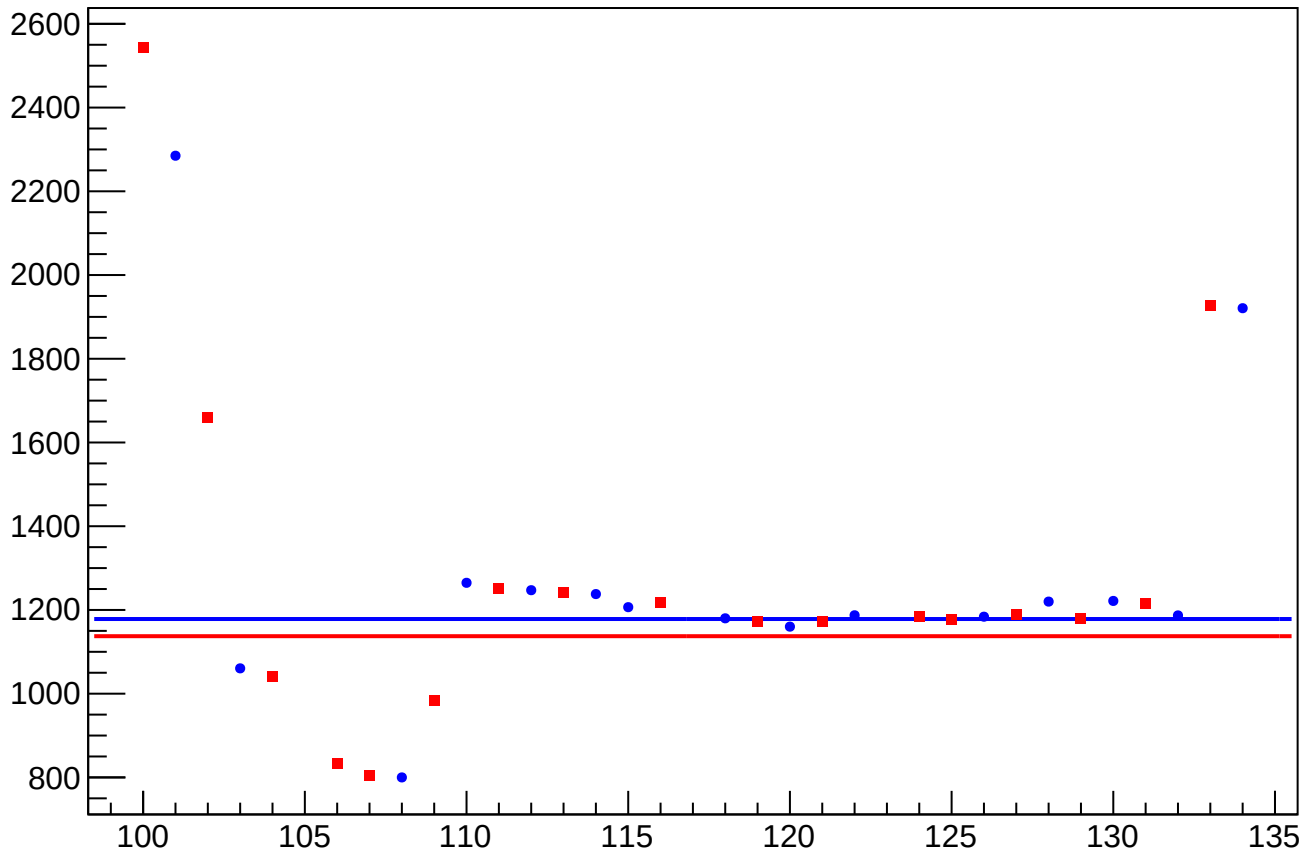
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -96.255+/-330.211 χ^2 /NDF: 28.9/31

- 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: 1137.321+/-0.322 χ^2/NDF : 491705.0/16

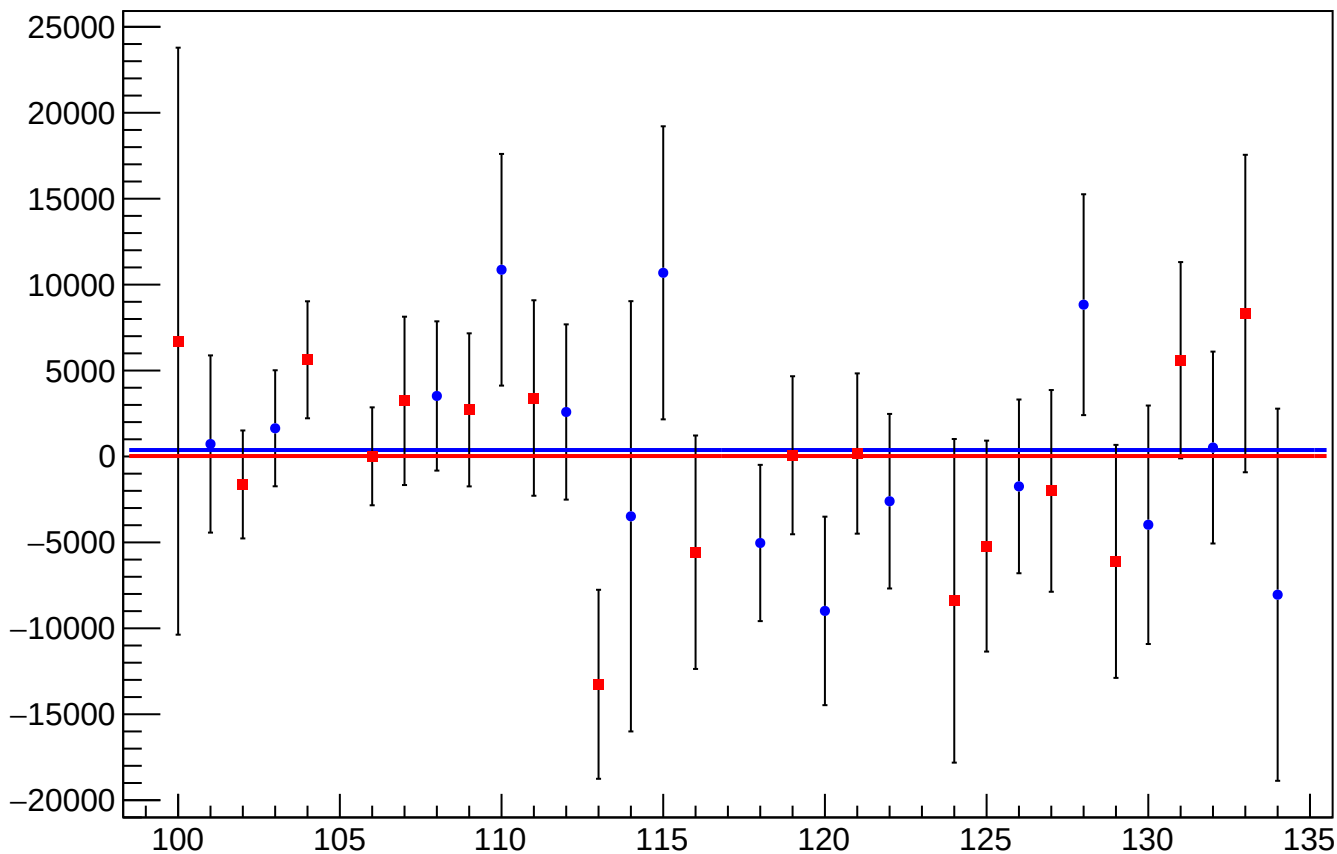
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1156.780+/-0.233 χ^2/NDF : 1120811.7/31

- 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: 26.000 $\pm$ 1181.544 χ^2 /NDF: 15.0/16

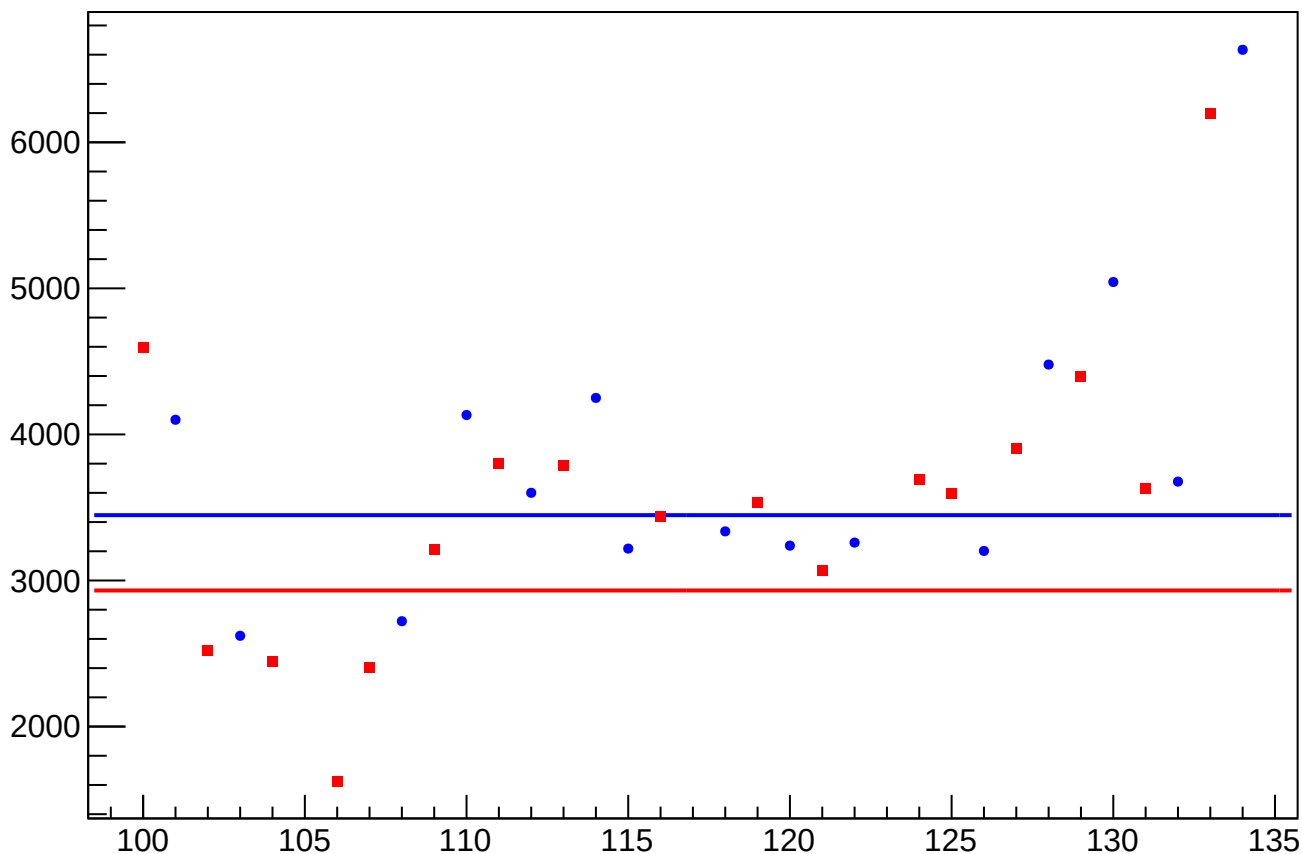
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 170.476 $\pm$ 905.198 χ^2 /NDF: 27.5/31

- 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

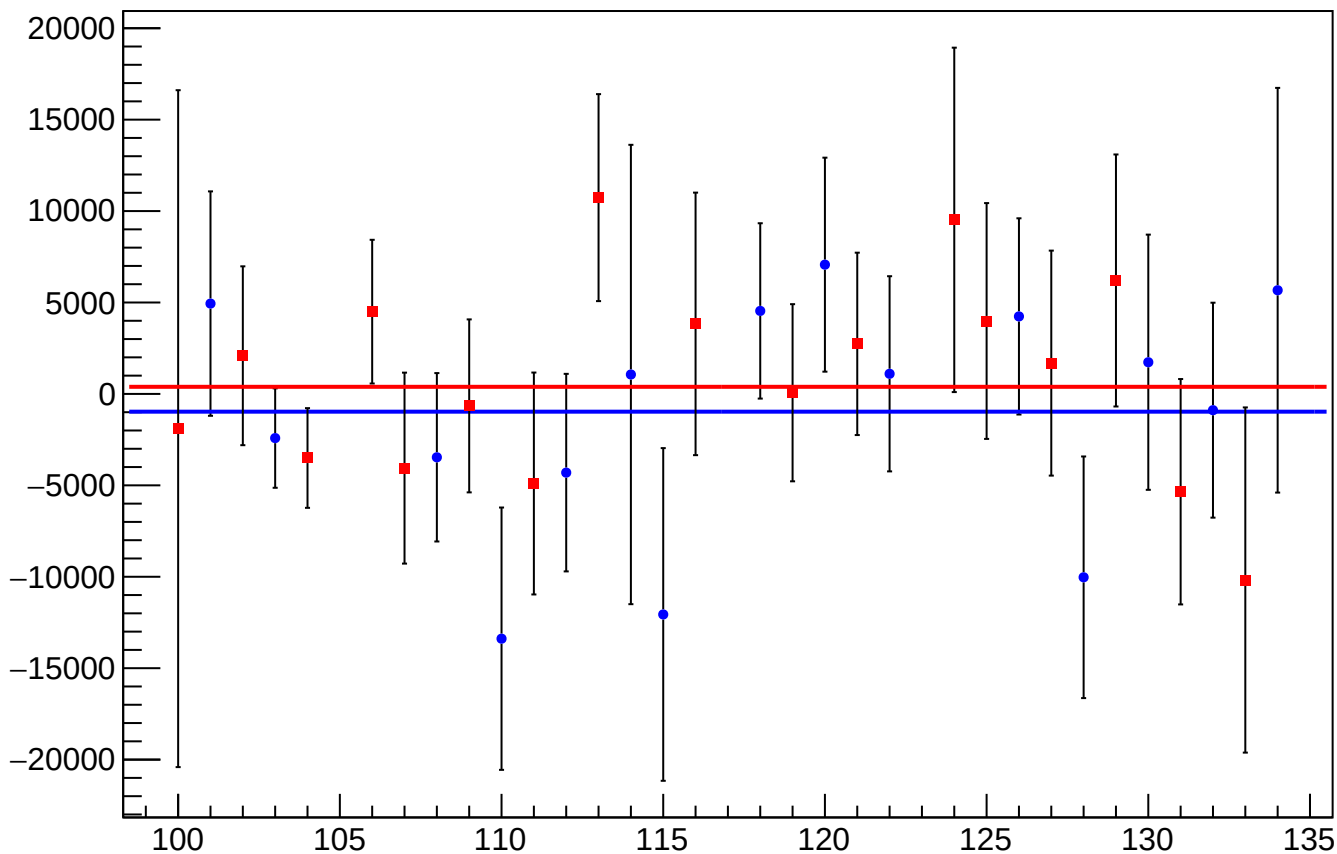
Right Out: 2931.647 $\pm$ 0.835 χ^2 /NDF: 1153713.9/16

All: 3144.687 $\pm$ 0.640 χ^2 /NDF: 1896421.0/31

Left 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: 388.925+/-1284.225 χ^2/NDF : 12.7/16

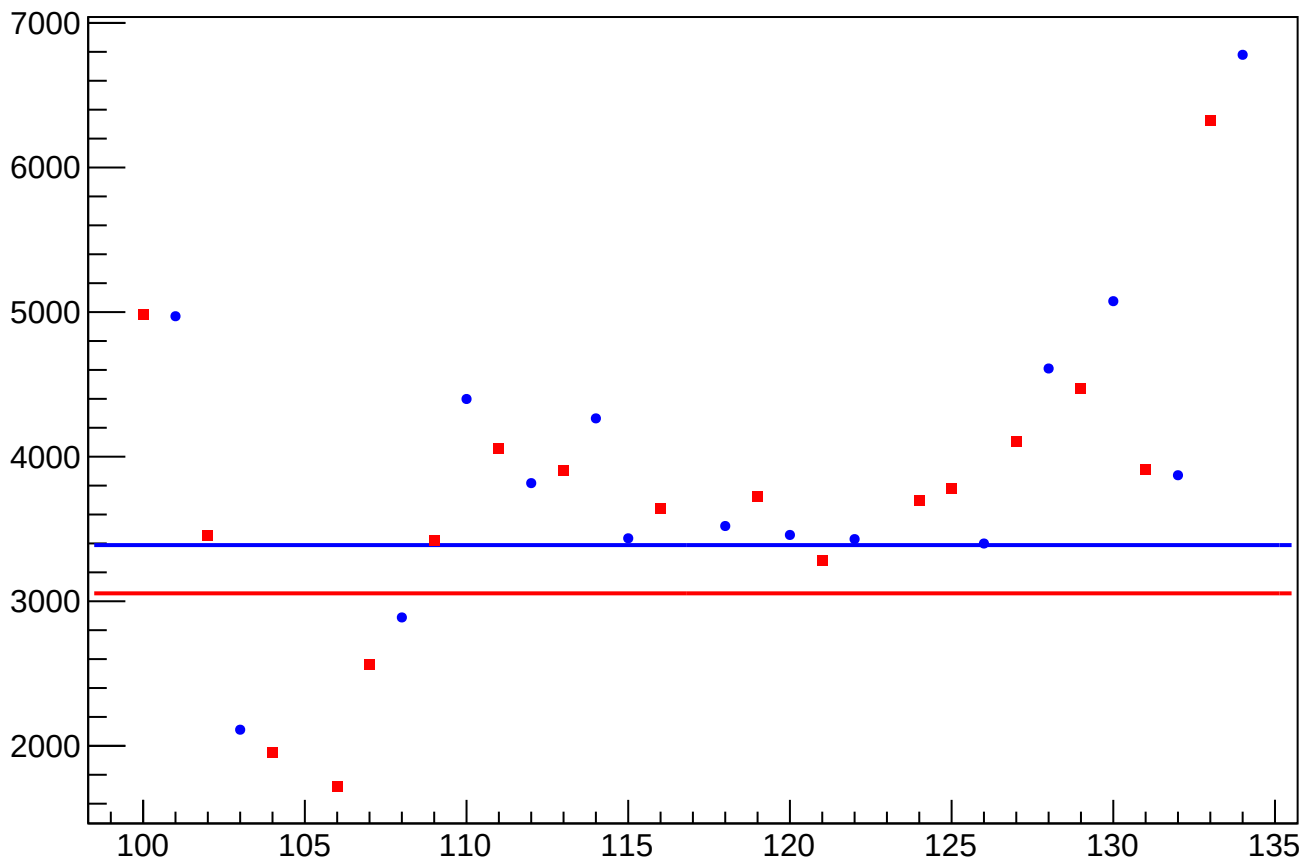
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -228.456+/-948.897 χ^2/NDF : 26.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_rms vs Slug



Right In: 3388.522 ± 0.996 $\chi^2/\text{NDF}: 1048526.6/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

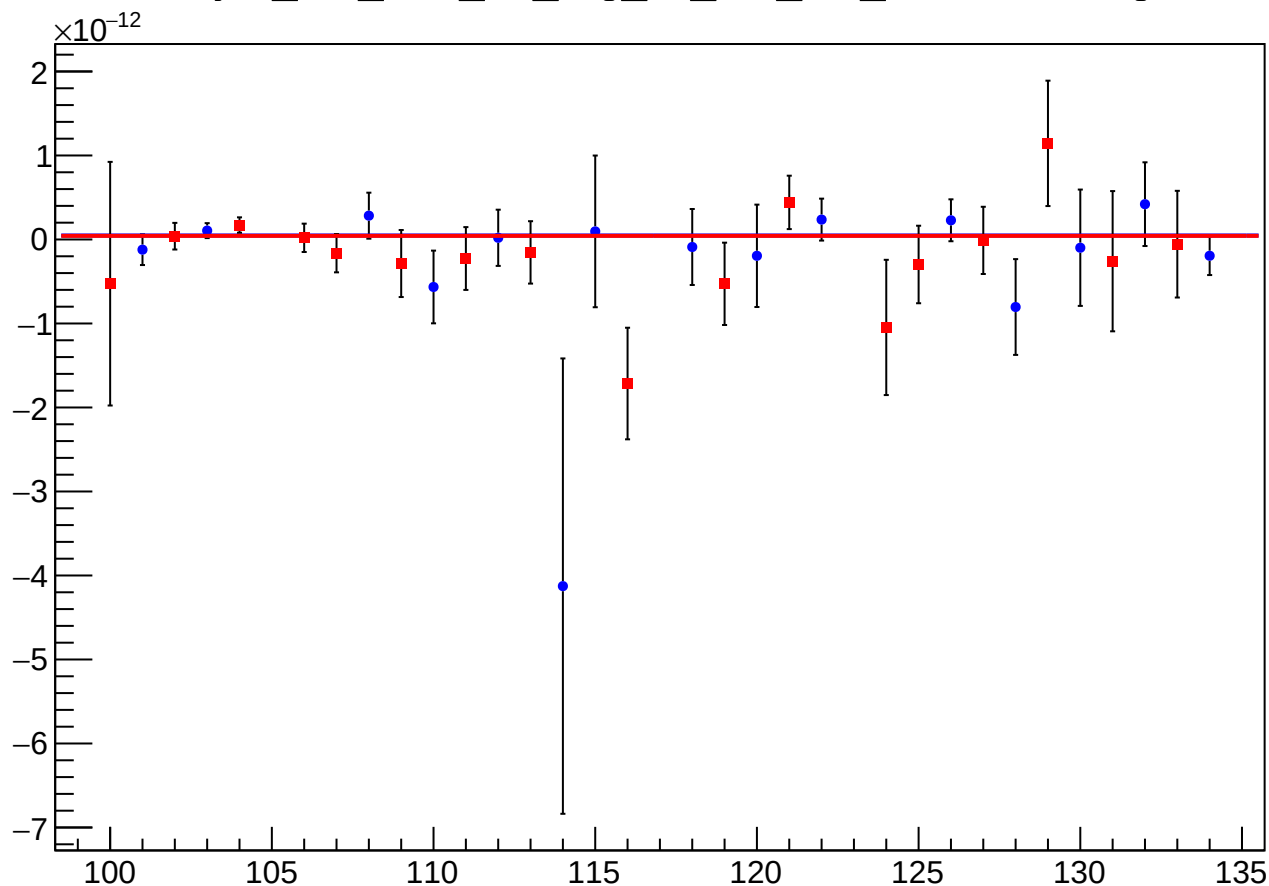
Right Out: 3054.786 ± 0.891 $\chi^2/\text{NDF}: 1313152.7/16$

All: 3203.253 ± 0.664 $\chi^2/\text{NDF}: 2424037.9/31$

- 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_usr_atr2_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.1/16

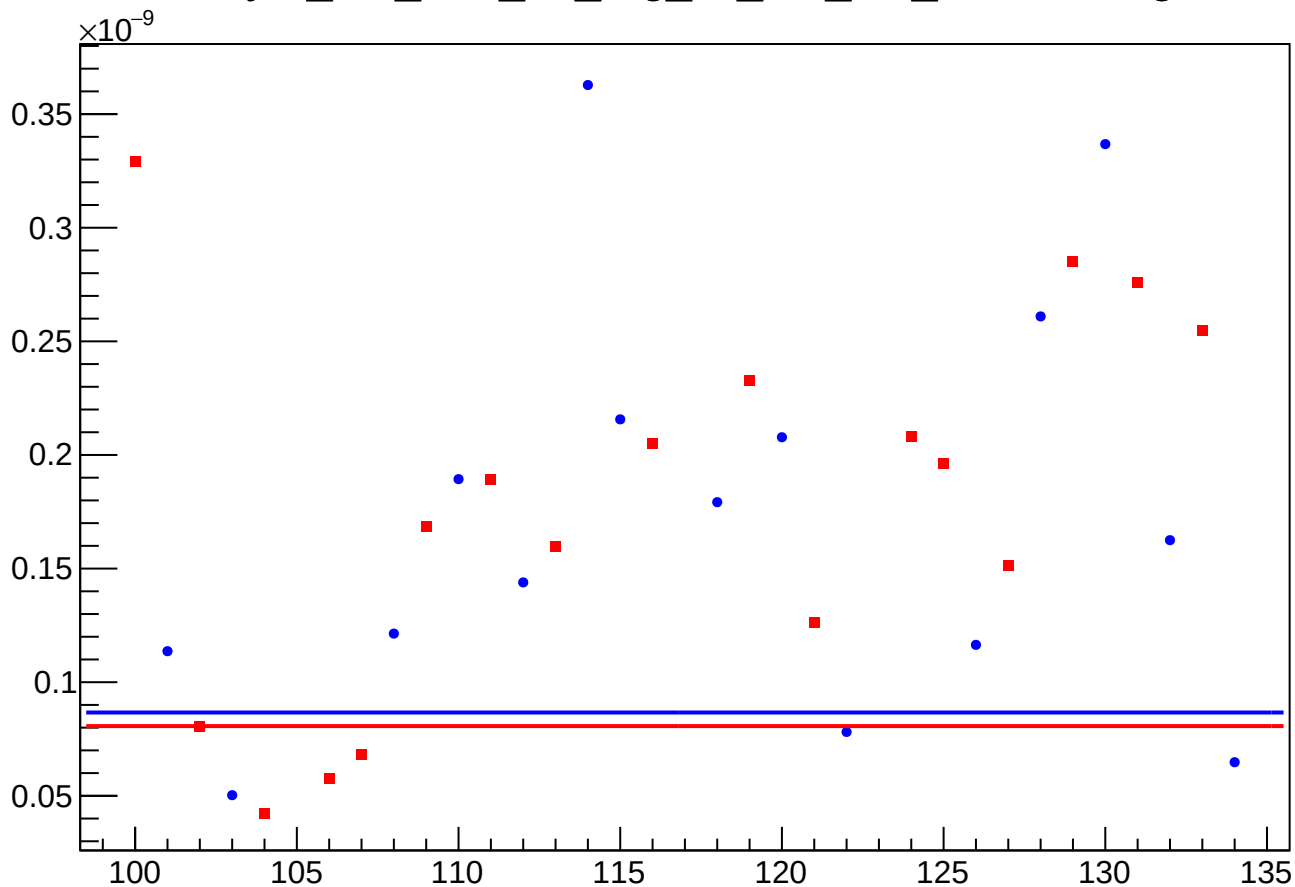
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 30.8/31

- sign 0.000 $\pm$ 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: 1764462.9/16

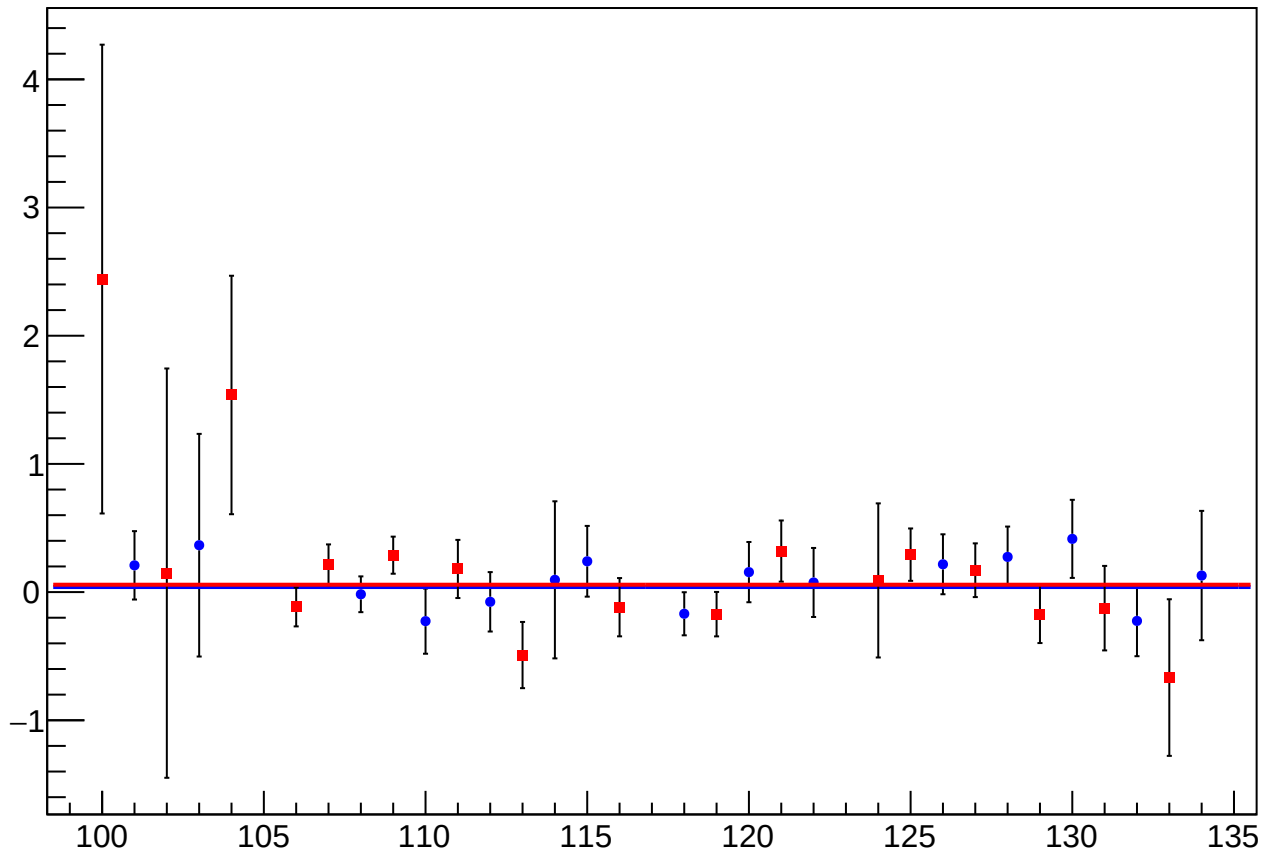
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3122468.4/31

- 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: 0.058 $\pm$ 0.056 χ^2 /NDF: 21.8/16

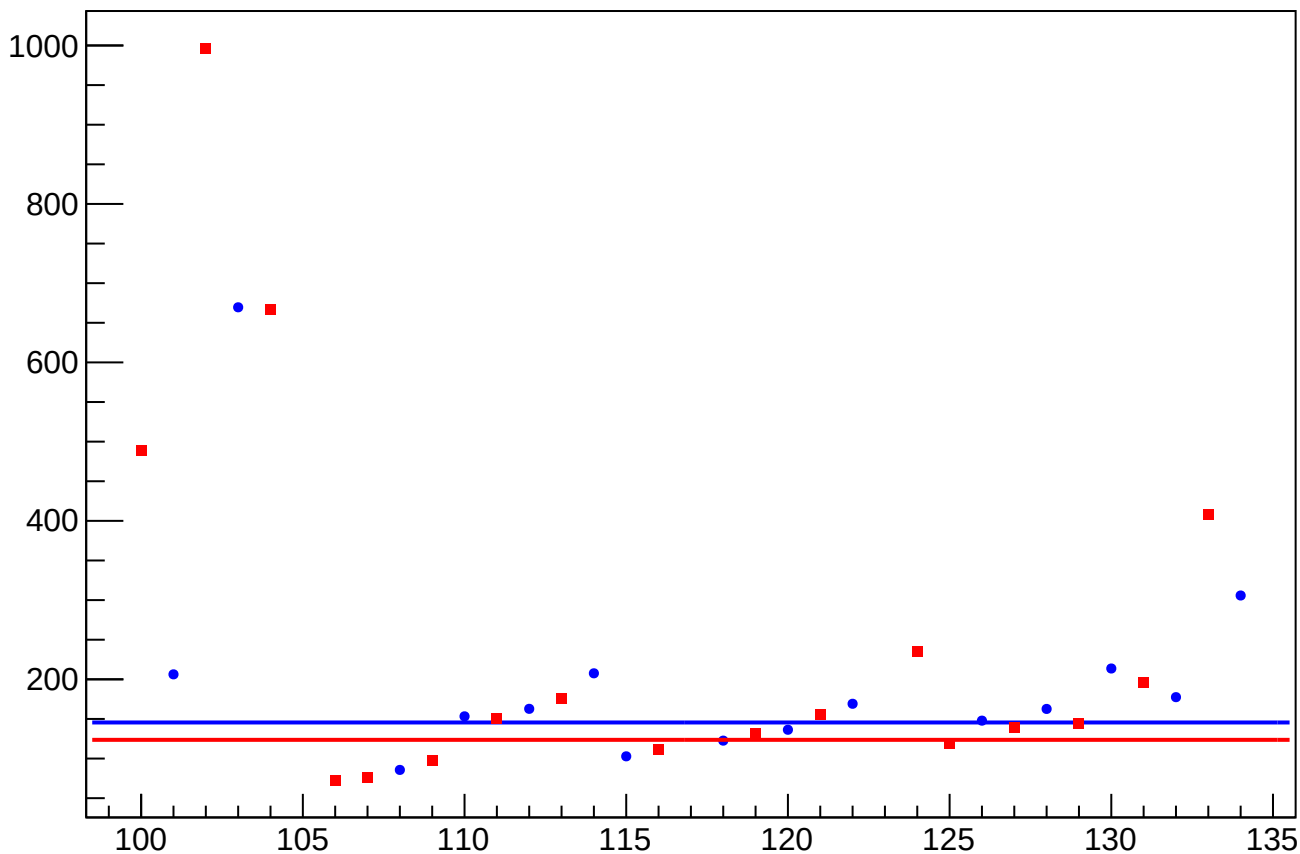
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.050 $\pm$ 0.042 χ^2 /NDF: 30.2/31

- 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: 123.619+/-0.040 χ^2/NDF : 2627350.2/16

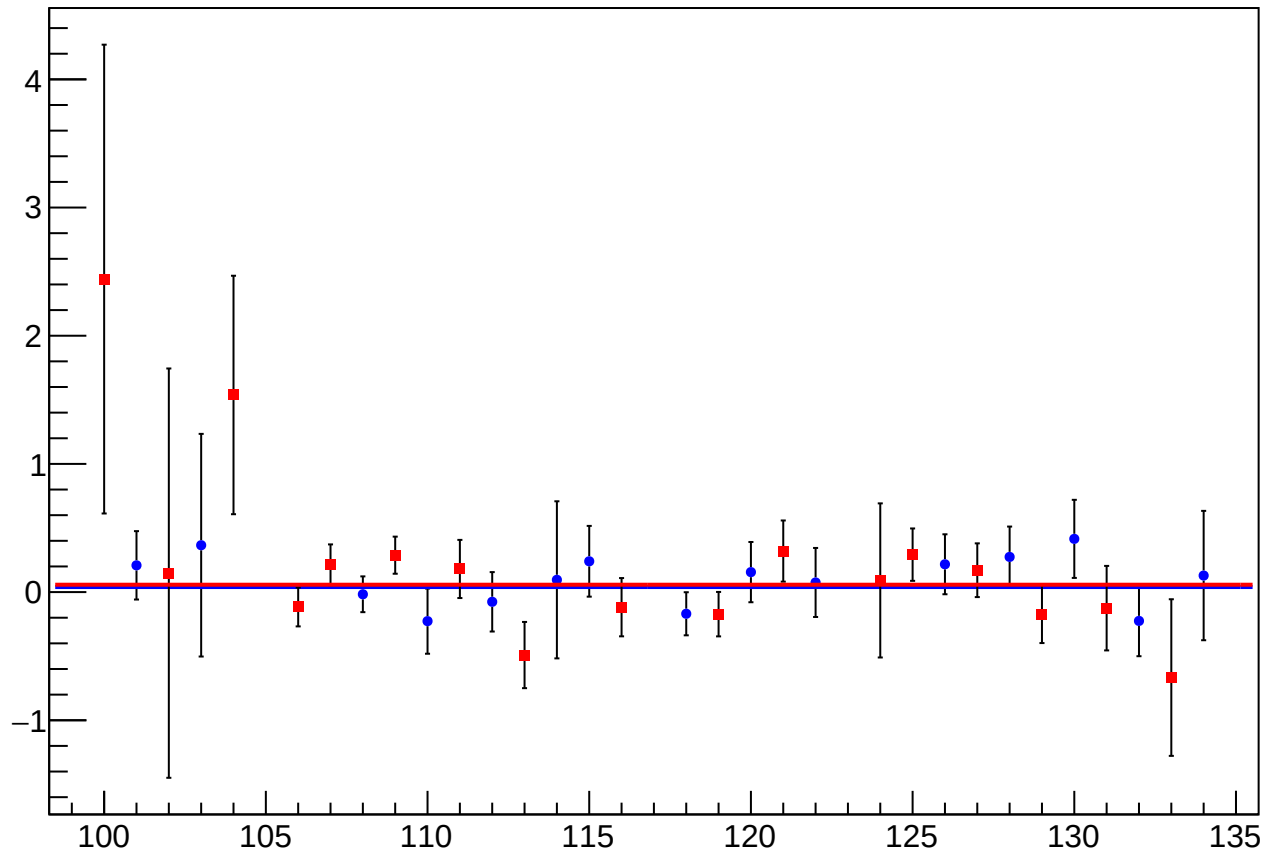
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.218+/-0.030 χ^2/NDF : 4437341.1/31

- 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: 0.058 $\pm$ 0.056 χ^2 /NDF: 21.8/16

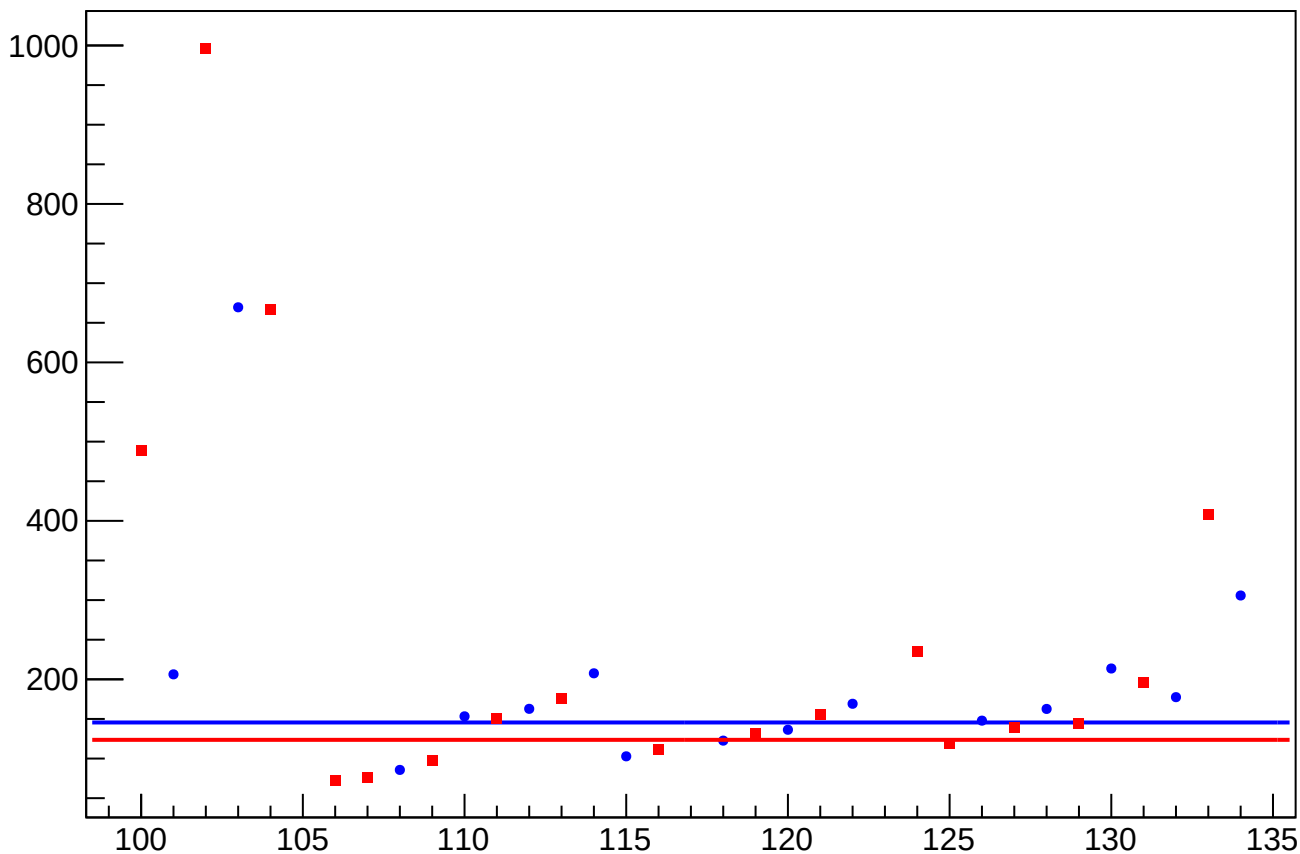
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.050 $\pm$ 0.042 χ^2 /NDF: 30.2/31

- 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: 123.619+/-0.040 χ^2/NDF : 2627350.2/16

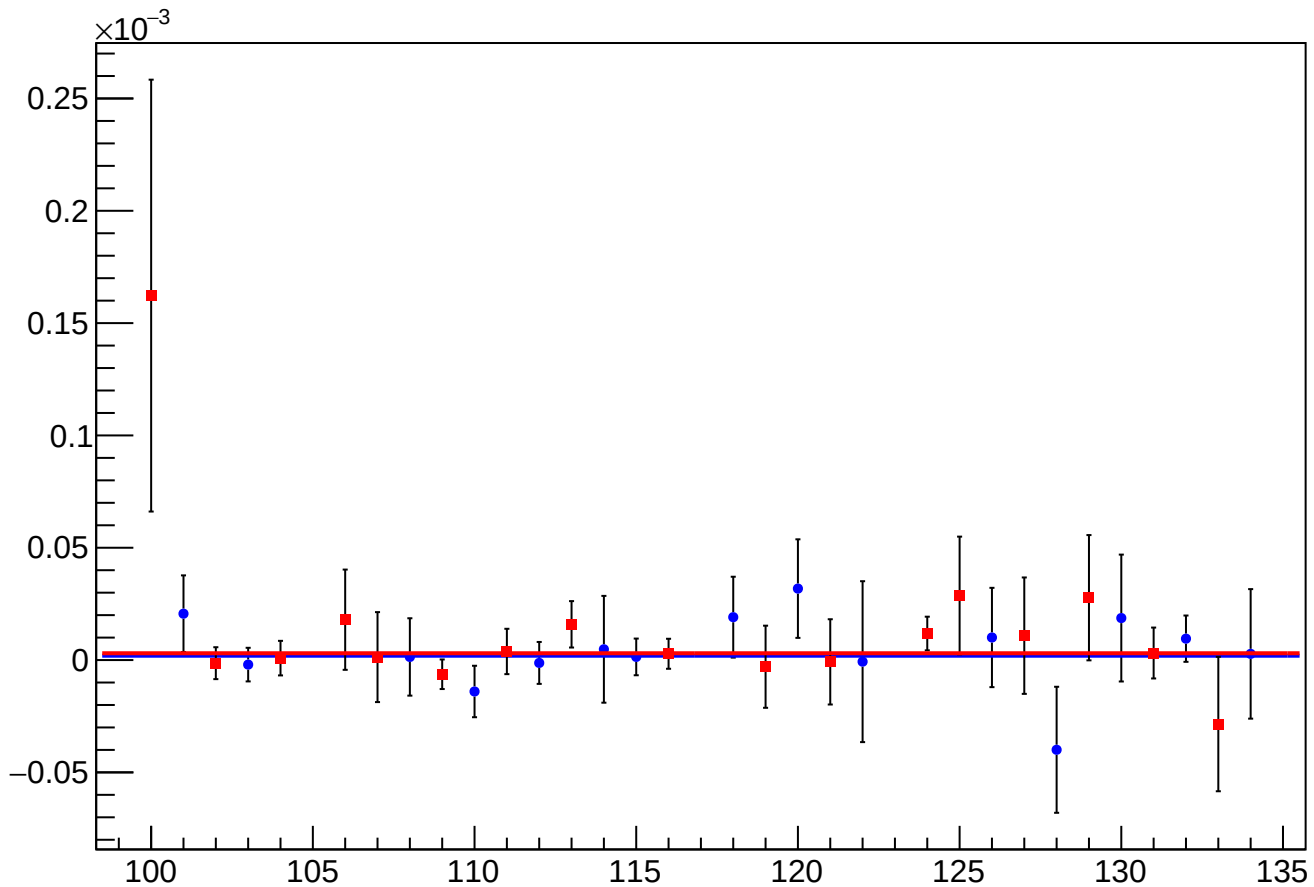
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.218+/-0.030 χ^2/NDF : 4437341.1/31

- 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 $\pm$ 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: 11.7/16

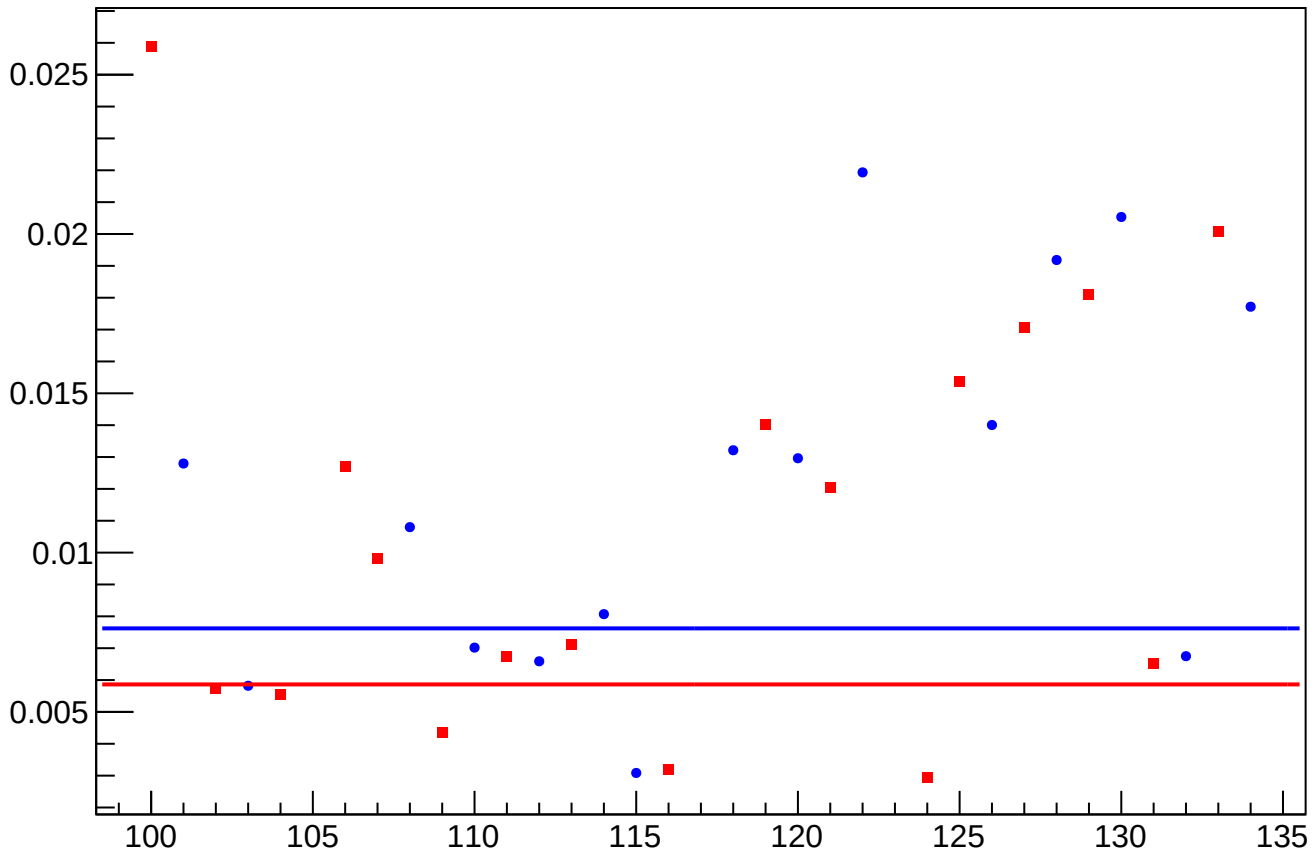
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 21.4/31

- sign 0.000 $\pm$ 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 : 3219681.0/16

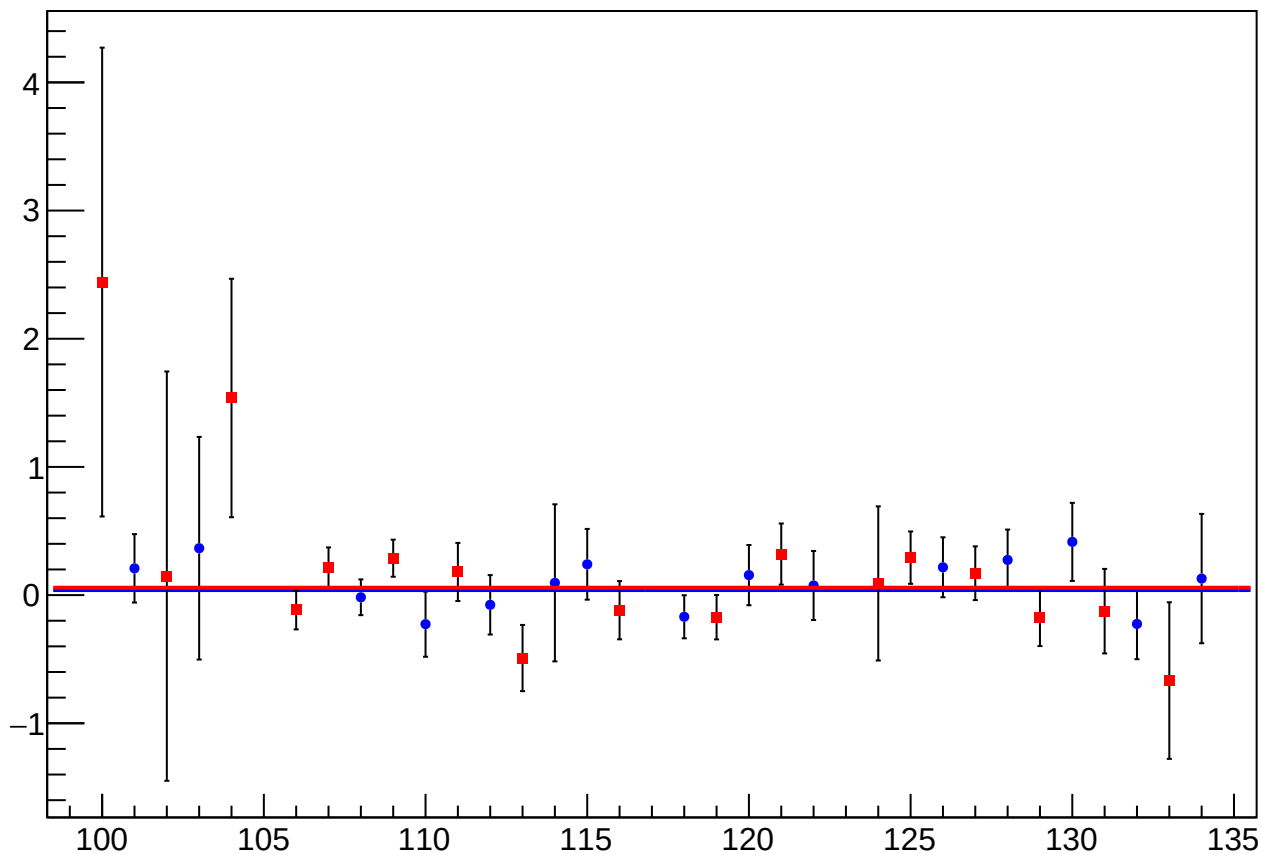
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 6372411.9/31

- 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 $\pm$ 0.064 χ^2 /NDF: 8.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.058 $\pm$ 0.056 χ^2 /NDF: 21.8/16

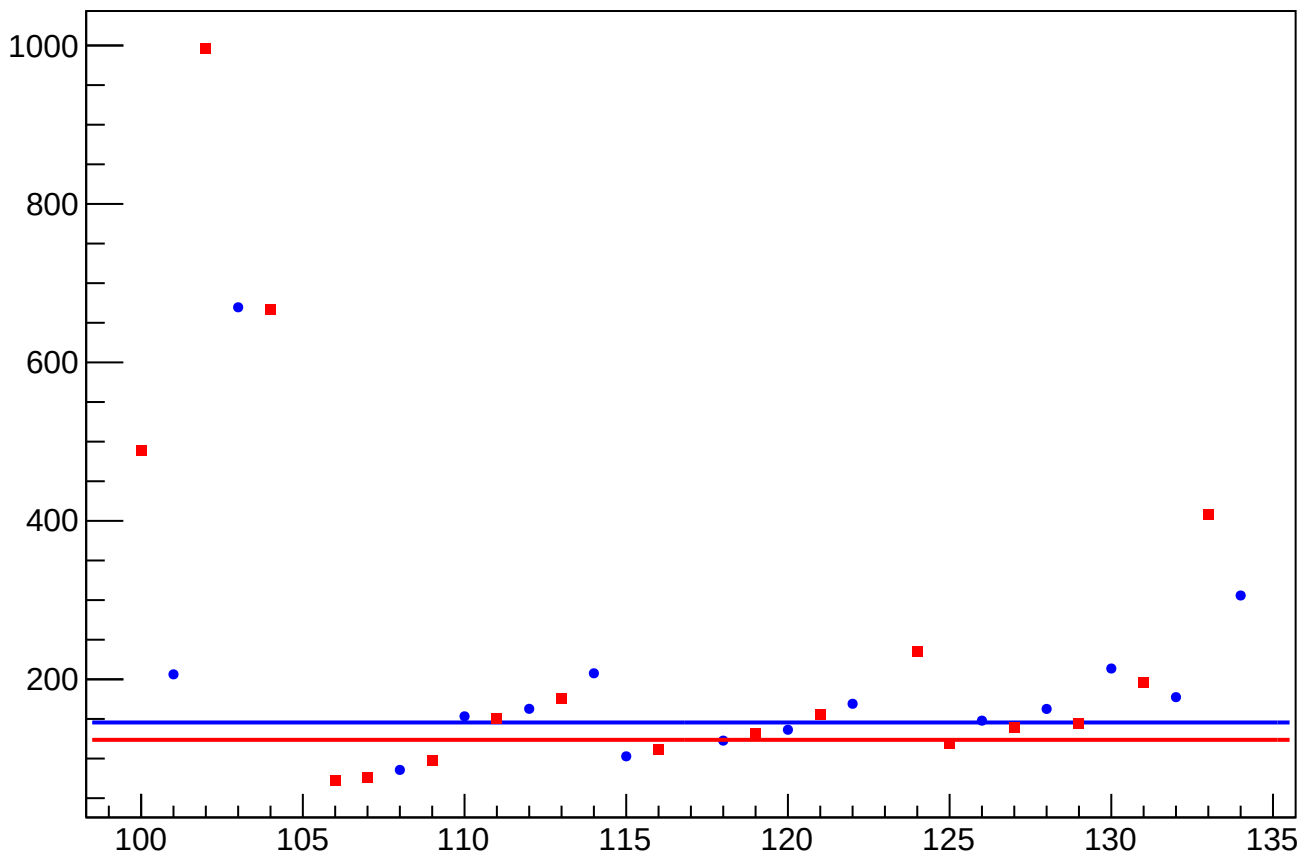
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.050 $\pm$ 0.042 χ^2 /NDF: 30.2/31

- sign 0.000 $\pm$ 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

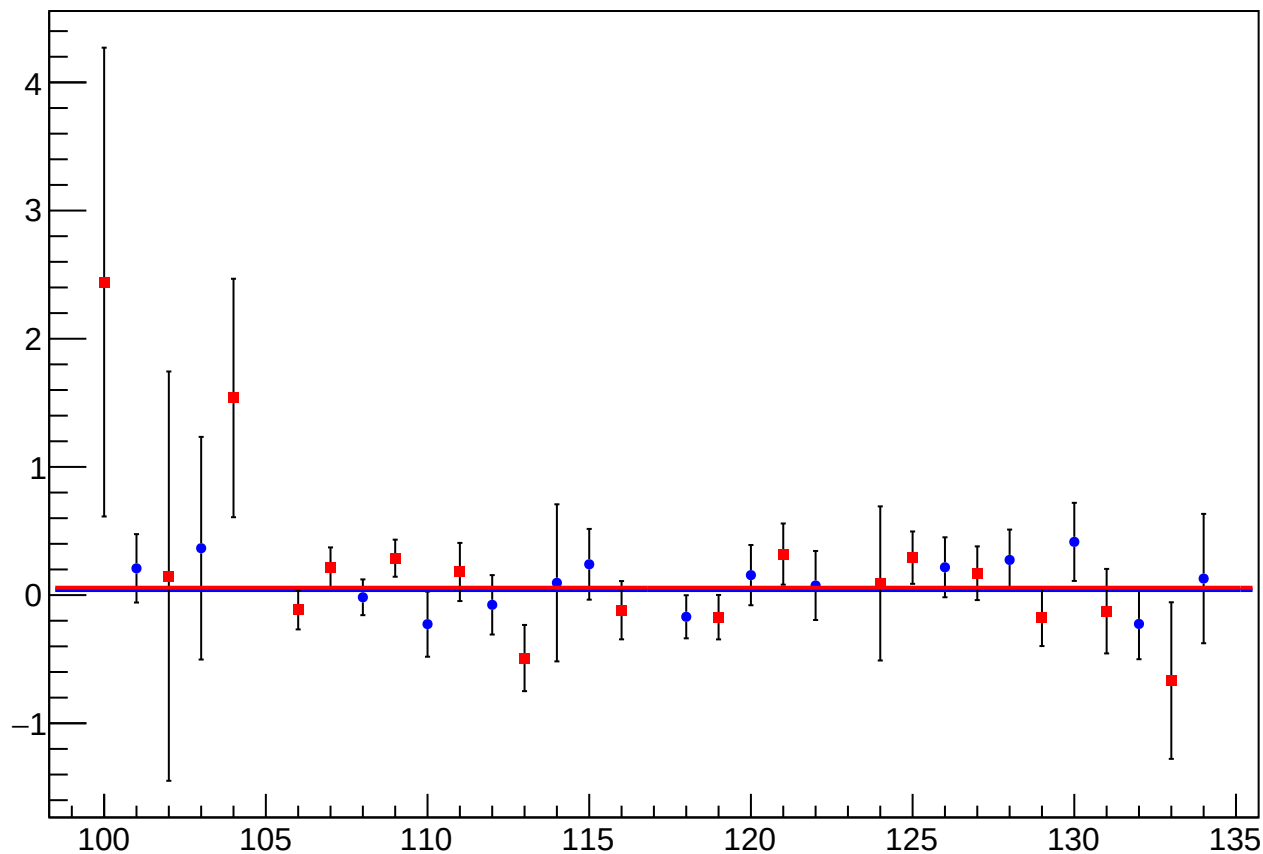
Right Out: 123.619+/-0.040 χ^2/NDF : 2627325.6/16

All: 133.217+/-0.030 χ^2/NDF : 4437343.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_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: 0.058 $\pm$ 0.056 χ^2 /NDF: 21.8/16

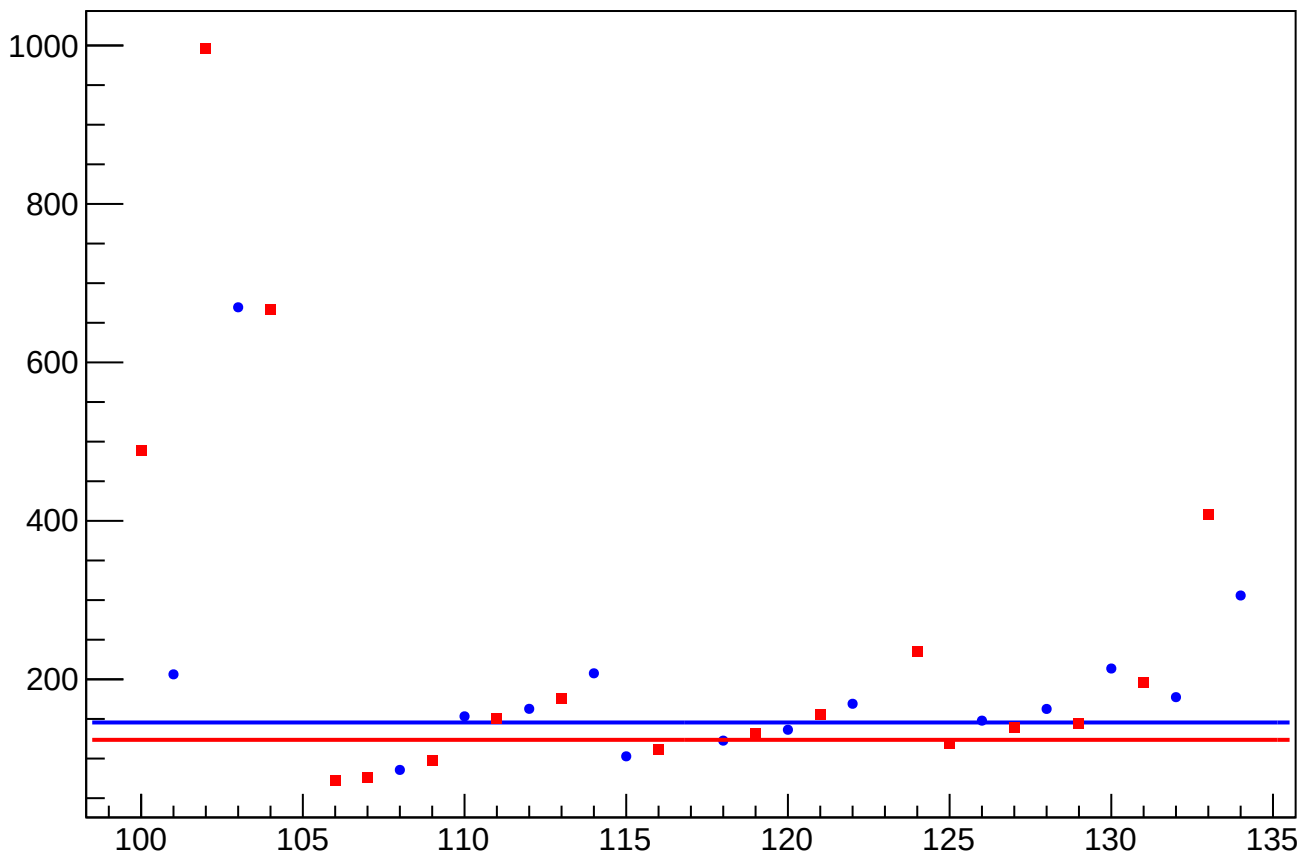
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.050 $\pm$ 0.042 χ^2 /NDF: 30.2/31

- sign 0.000 $\pm$ 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: 123.619+/-0.040 χ^2/NDF : 2627325.6/16

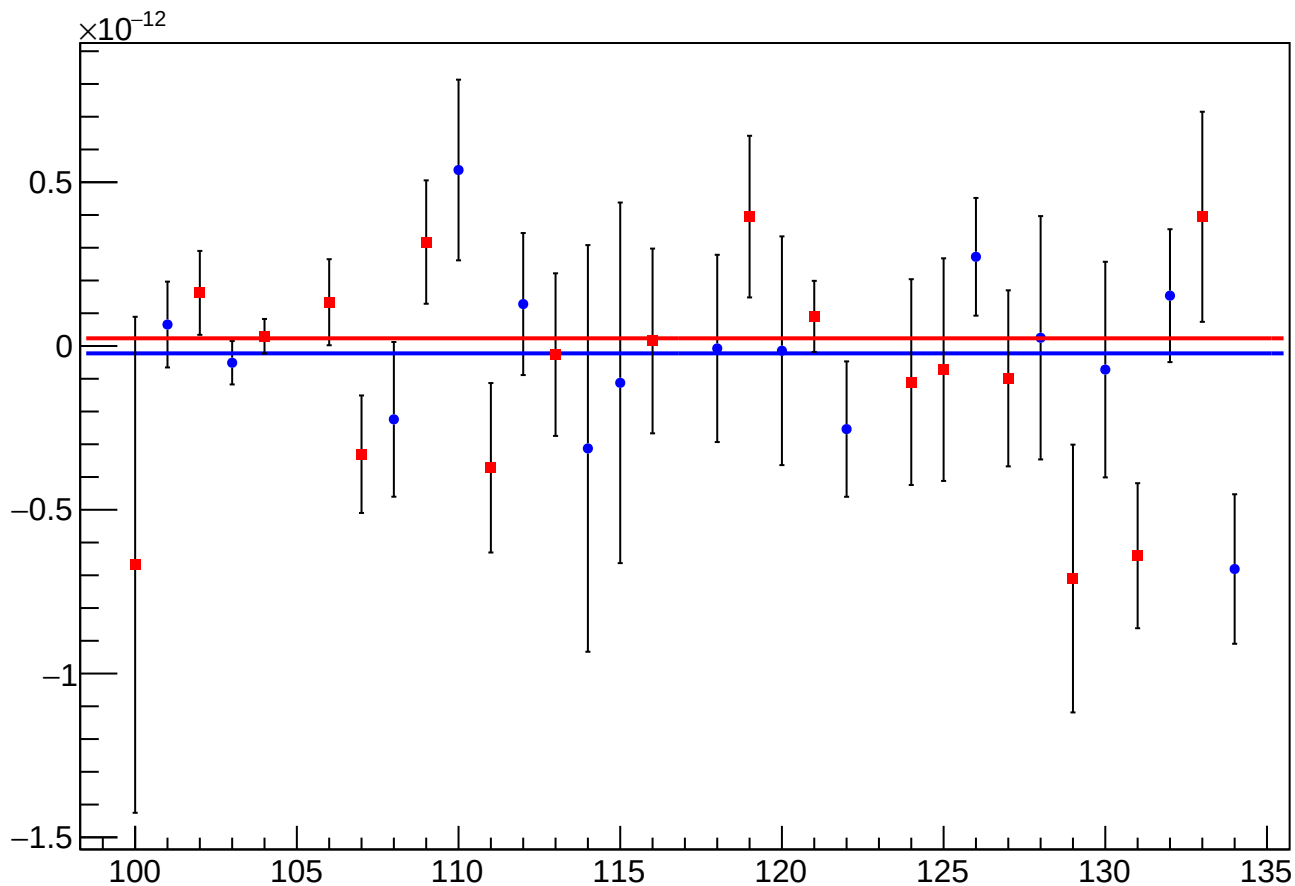
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.217+/-0.030 χ^2/NDF : 4437343.4/31

- 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+/-0.000 χ^2/NDF : 19.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 28.1/16

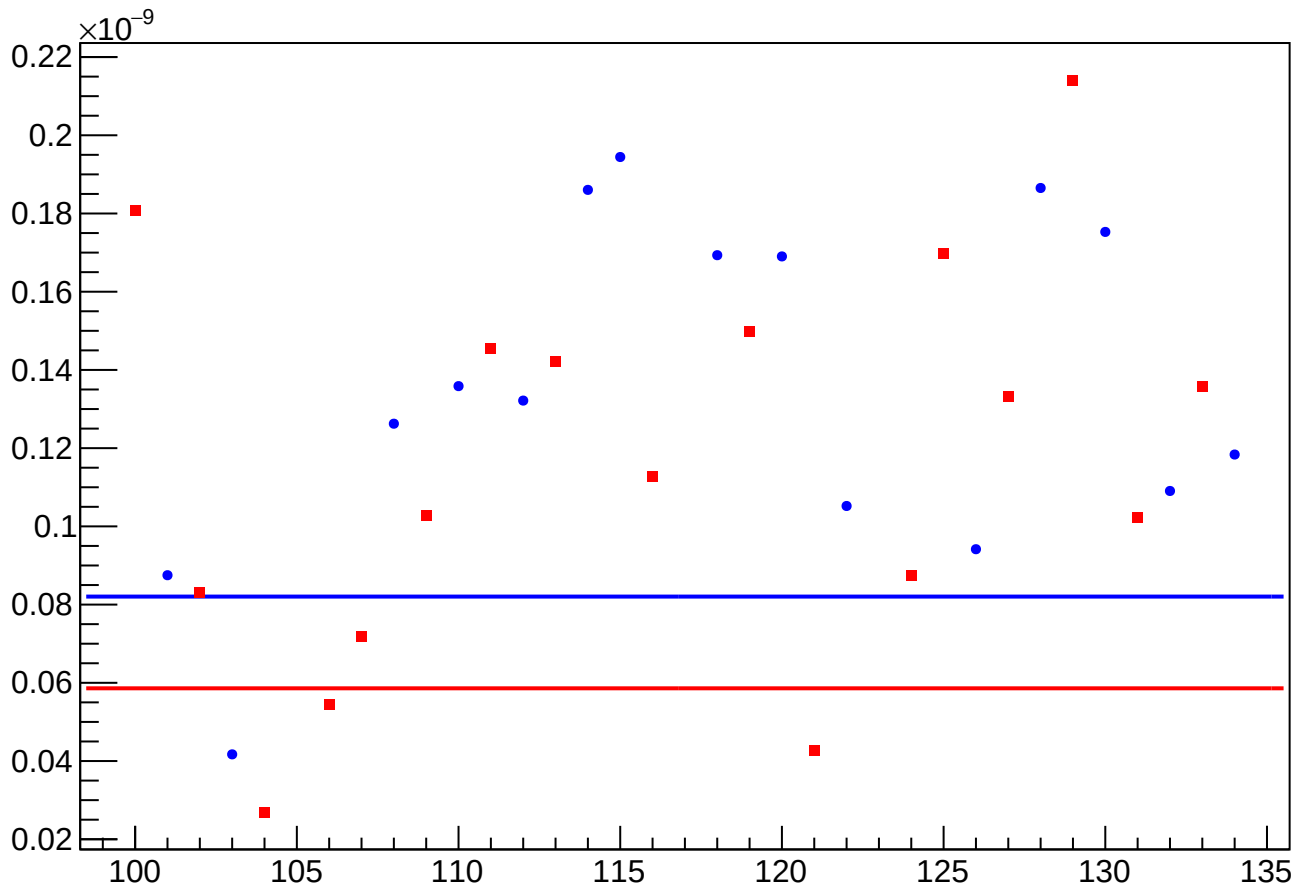
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 48.0/31

- sign 0.000+/-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 : 2685477.9/16

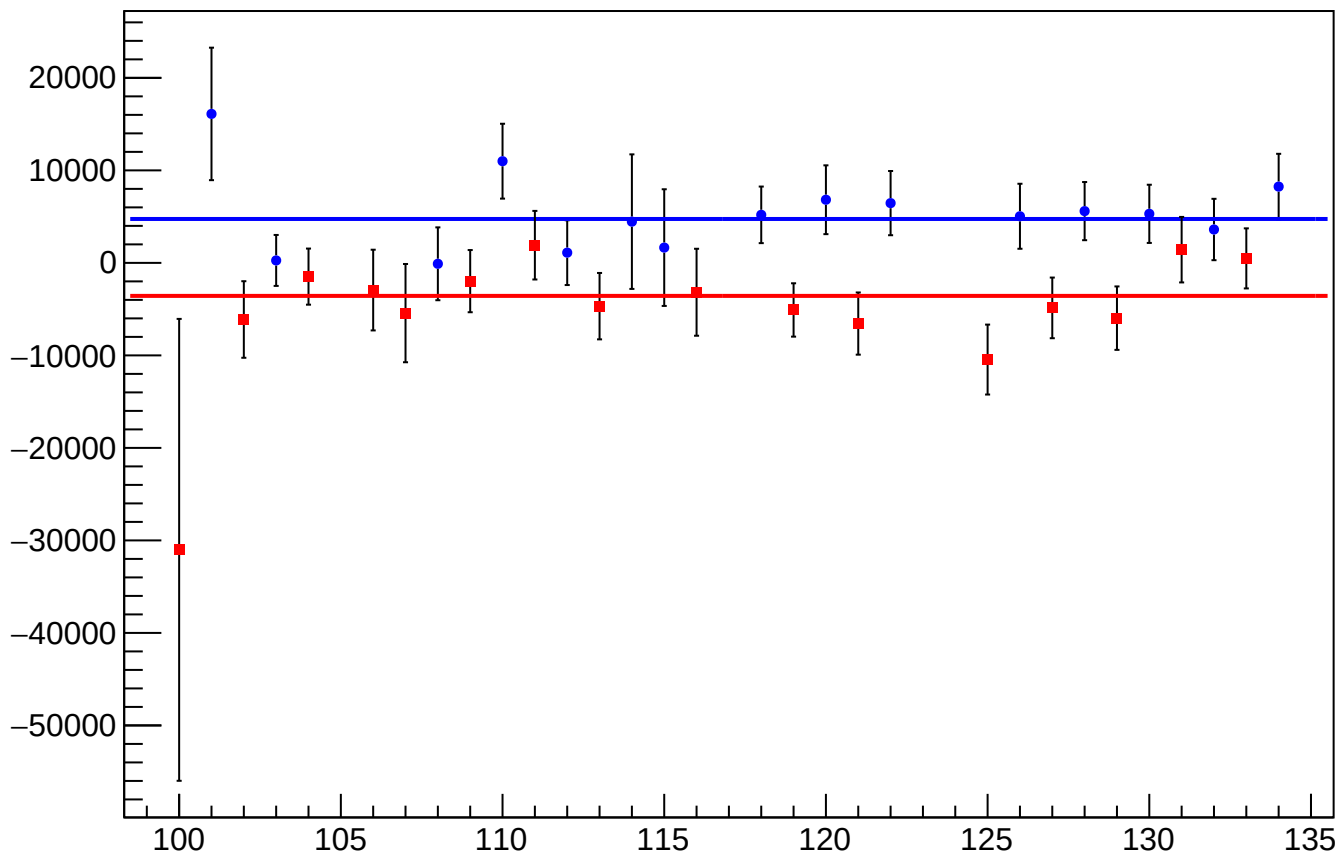
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4895519.8/31

- 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: -3567.842 $\pm$ 923.576 χ^2 /NDF: 13.3/15

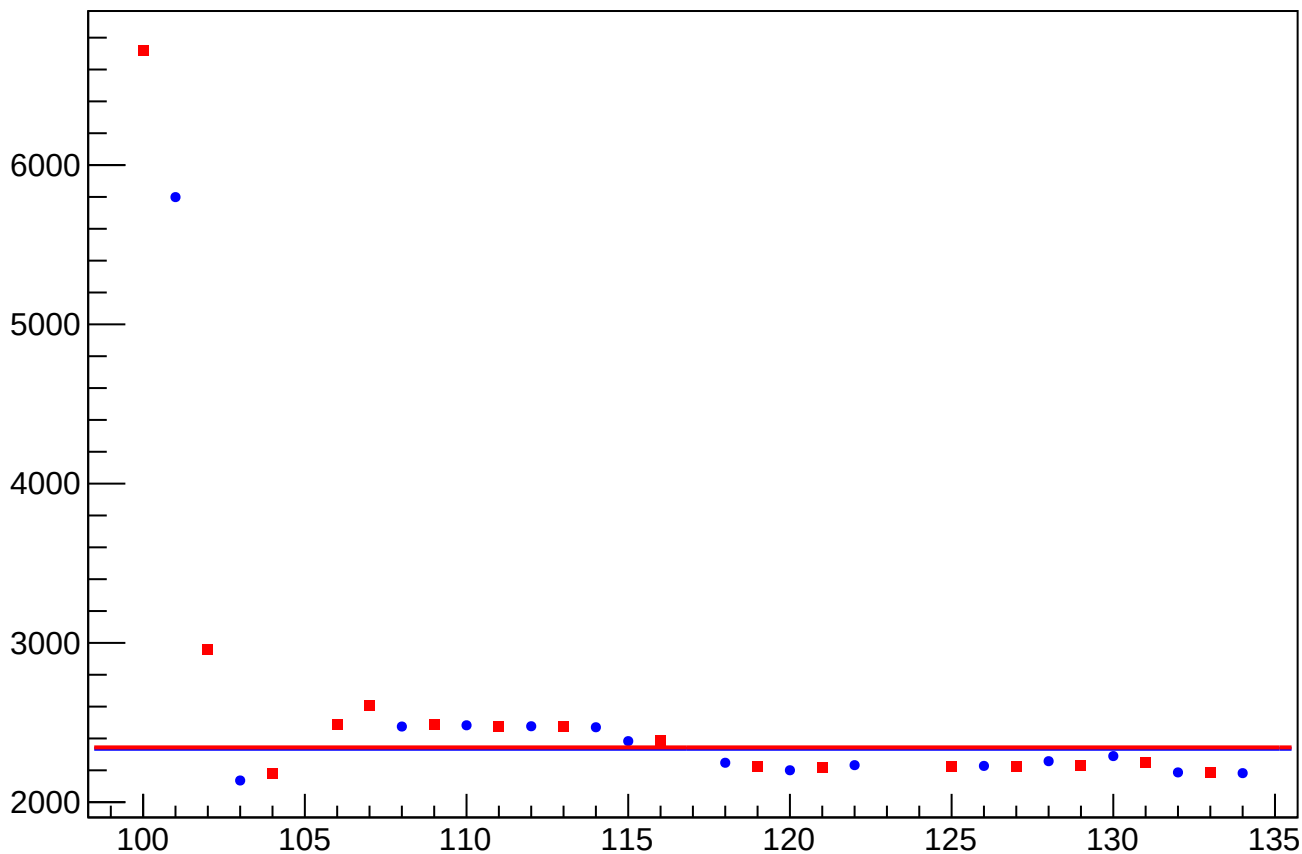
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 491.977 $\pm$ 660.679 χ^2 /NDF: 65.0/30

- 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: 2343.890+/-0.653 χ^2/NDF : 147106.4/15

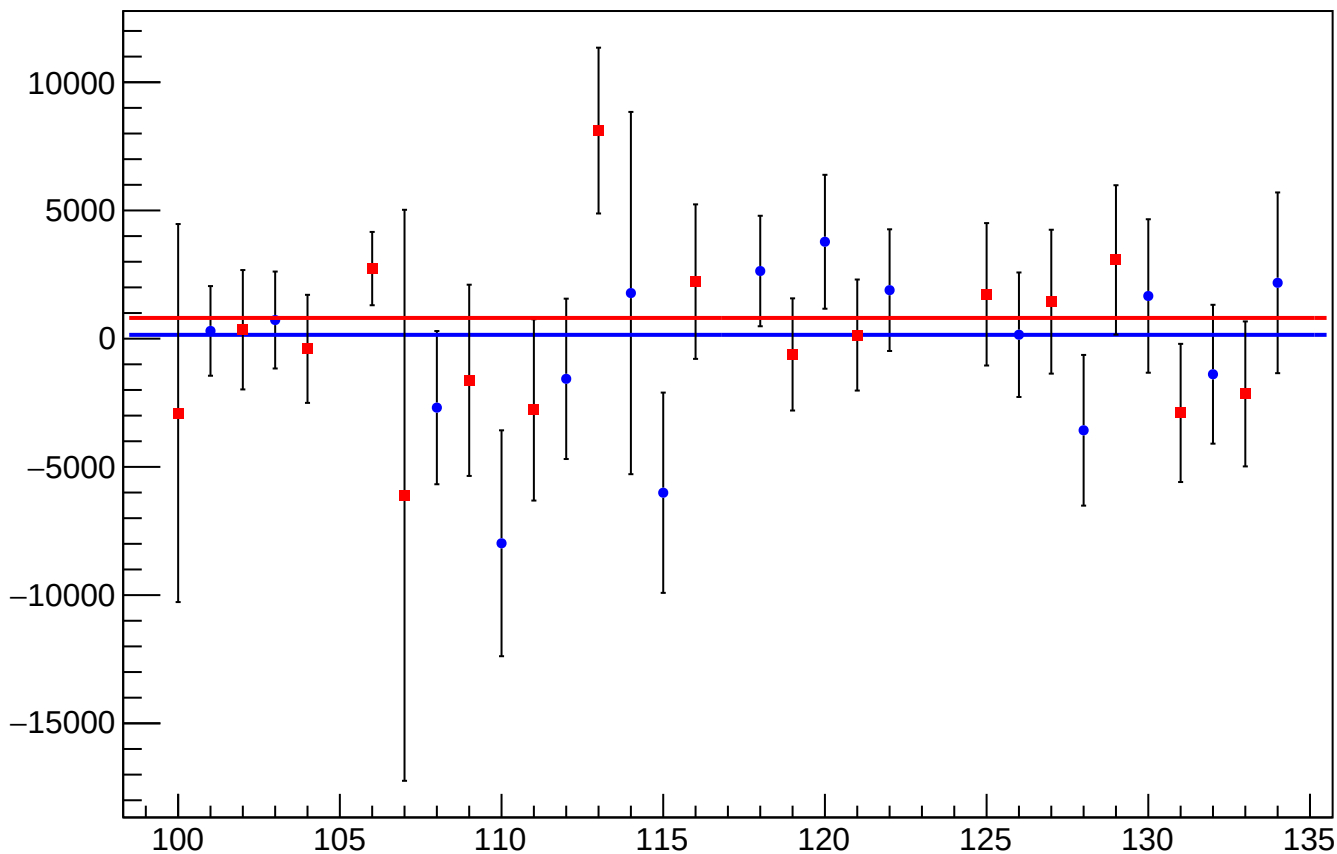
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2339.694+/-0.467 χ^2/NDF : 652083.3/30

- 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+/-687.996 χ^2/NDF : 13.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 808.647+/-653.255 χ^2/NDF : 13.9/15

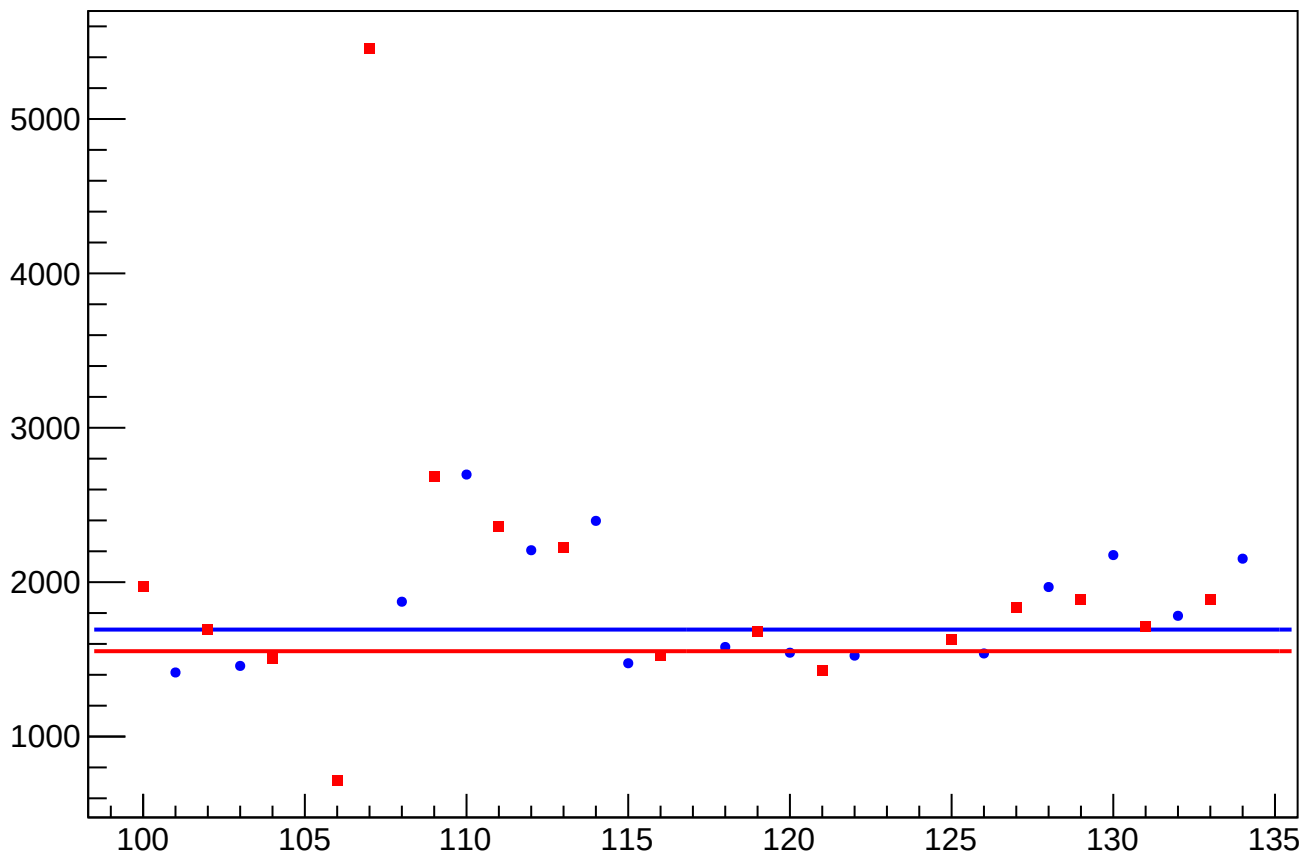
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 496.054+/-473.727 χ^2/NDF : 27.9/30

- sign 0.000+/-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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

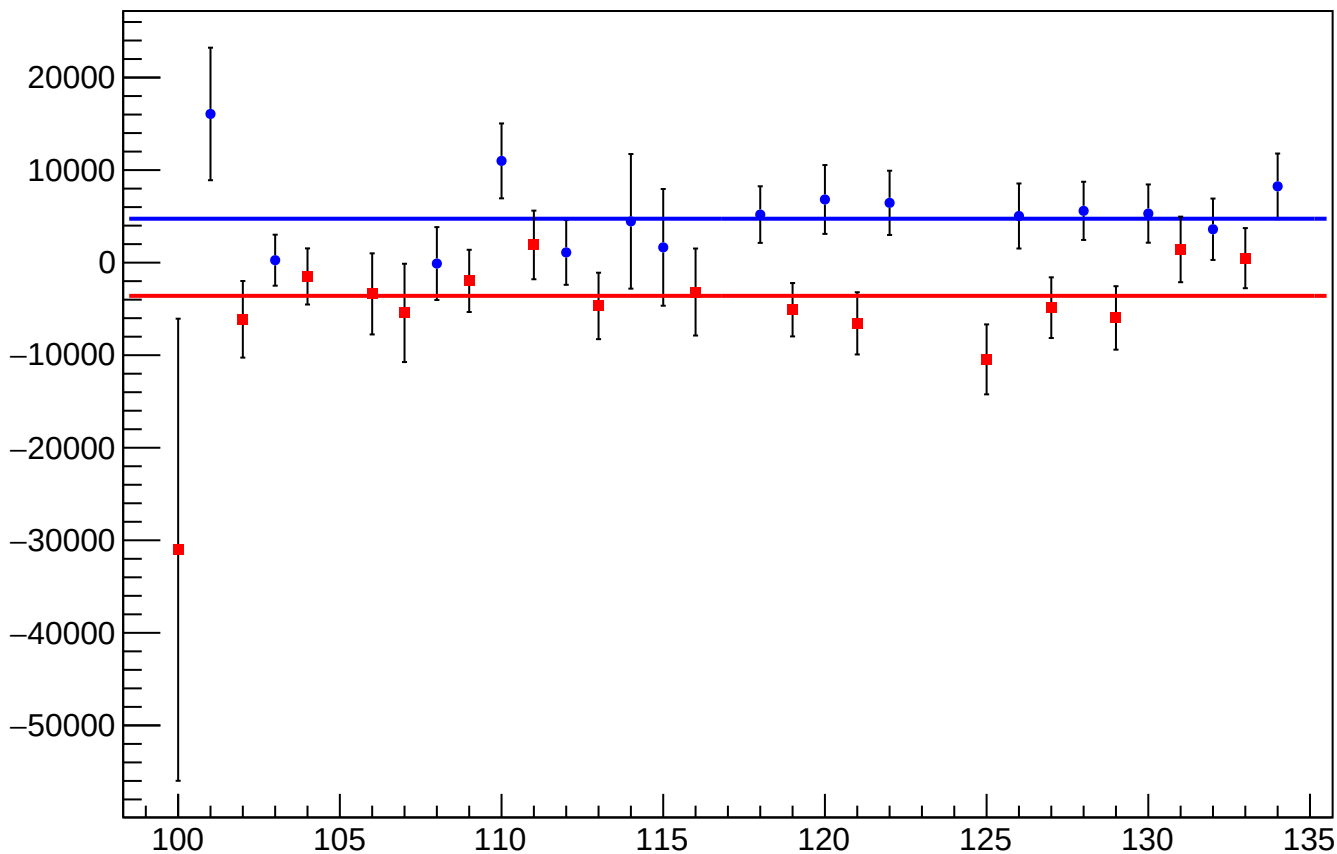
Right Out: 1552.927+/-0.462 χ^2/NDF : 1421266.3/15

All: 1619.298+/-0.335 χ^2/NDF : 1873800.8/30

- 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_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: -3588.124 $\pm$ 923.755 χ^2 /NDF: 13.3/15

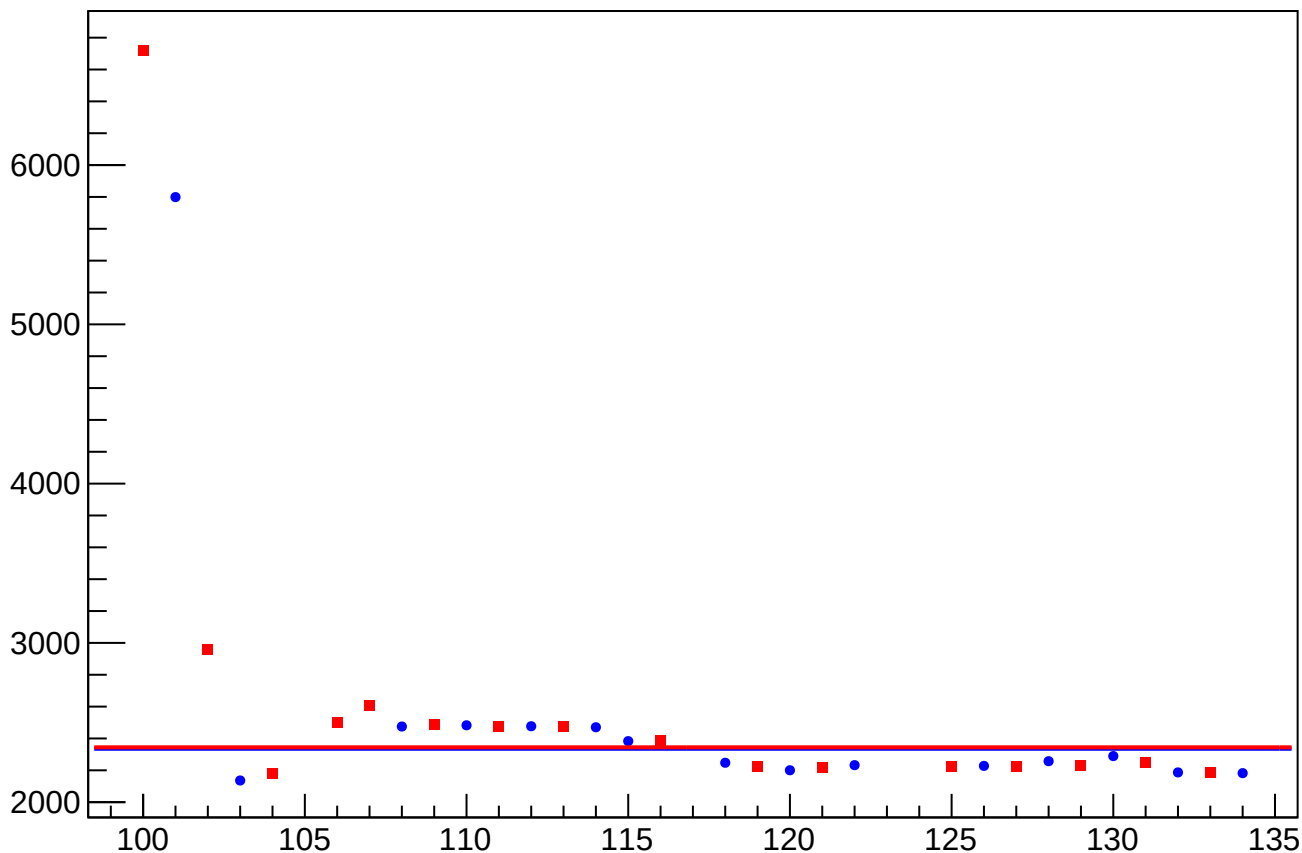
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 482.029 $\pm$ 660.745 χ^2 /NDF: 65.2/30

- sign 0.000 $\pm$ 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

Right Out: 2344.310+/-0.653 χ^2/NDF : 147425.6/15

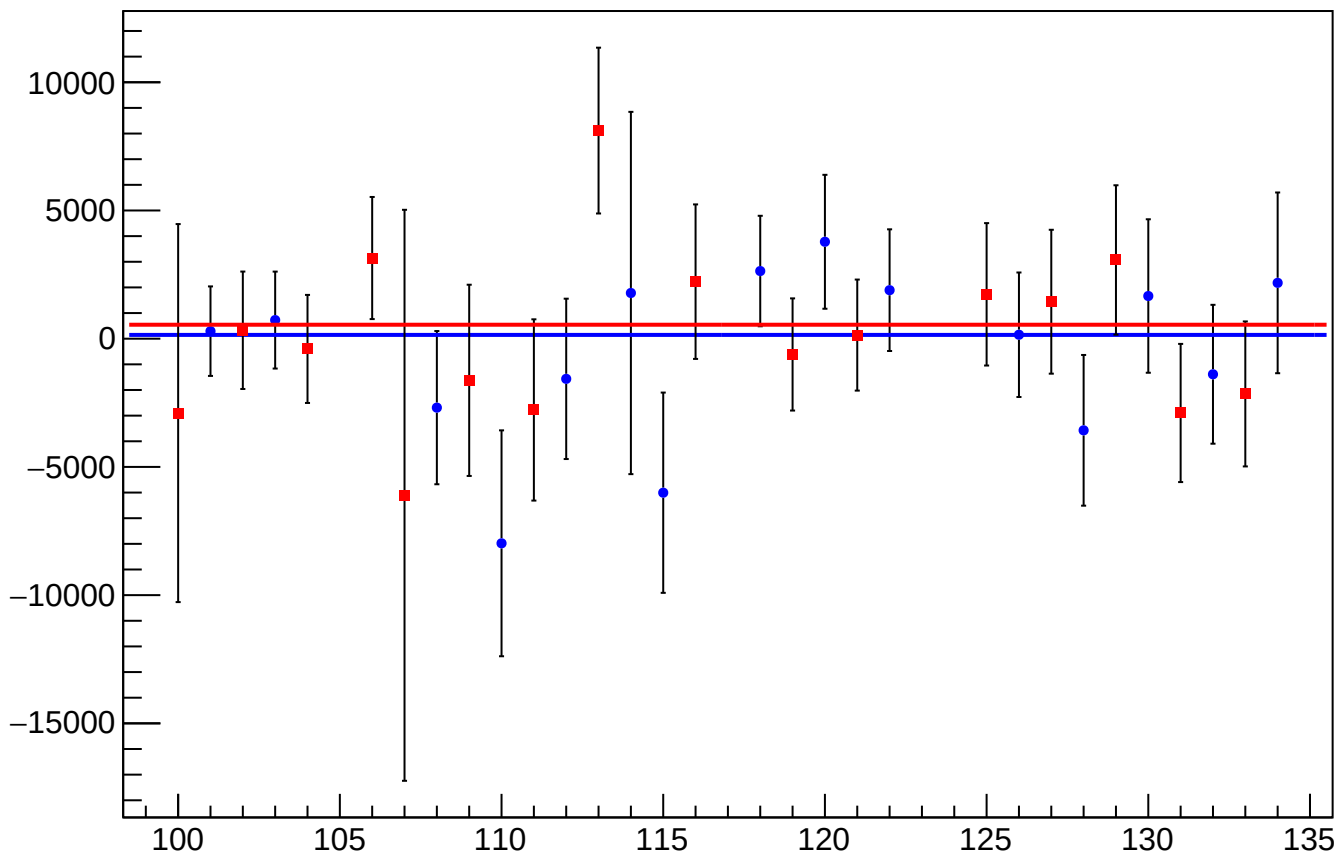
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2339.908+/-0.467 χ^2/NDF : 652411.5/30

- sign 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: 544.947 $\pm$ 700.727 χ^2 /NDF: 12.9/15

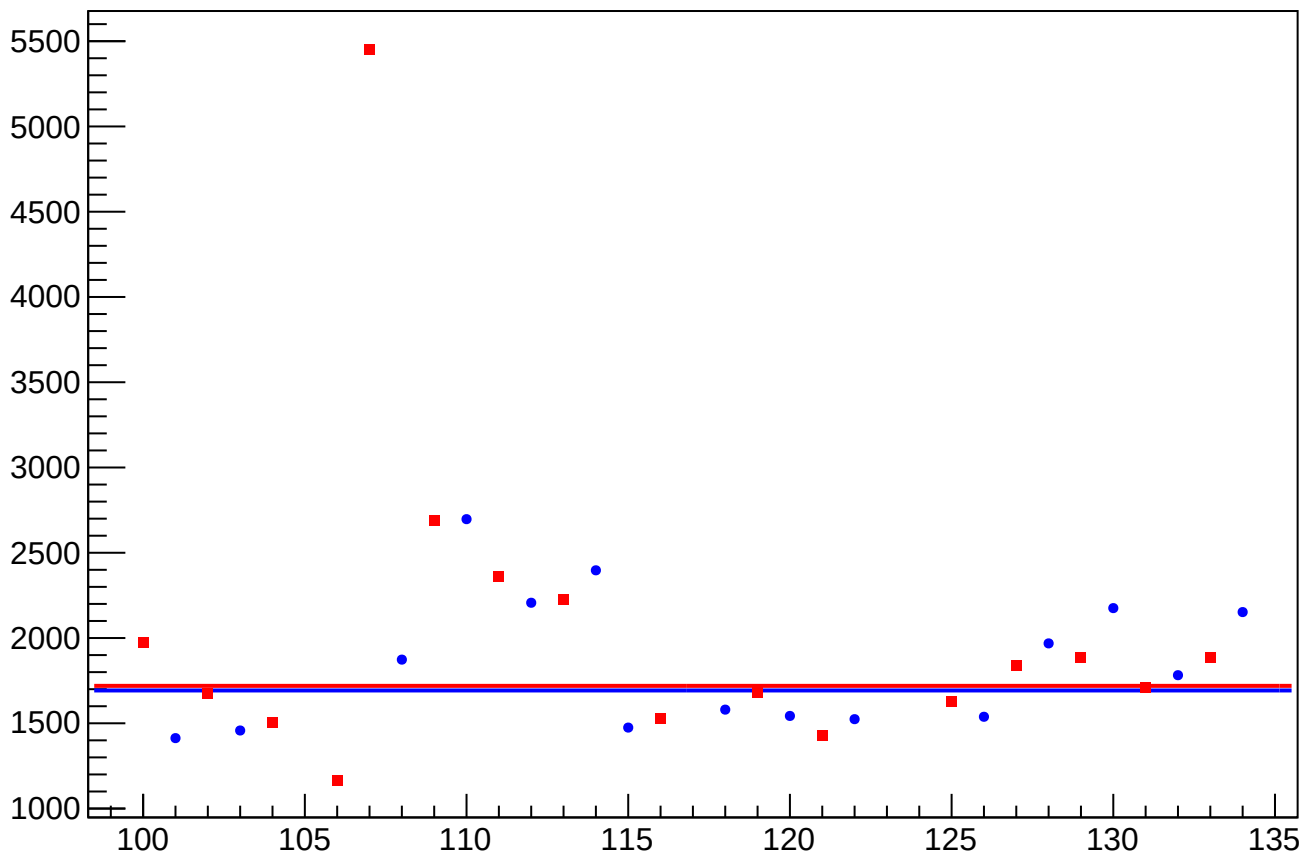
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 342.775 $\pm$ 490.872 χ^2 /NDF: 26.6/30

- 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

Right Out: 1719.533+/-0.495 χ^2/NDF : 671825.2/15

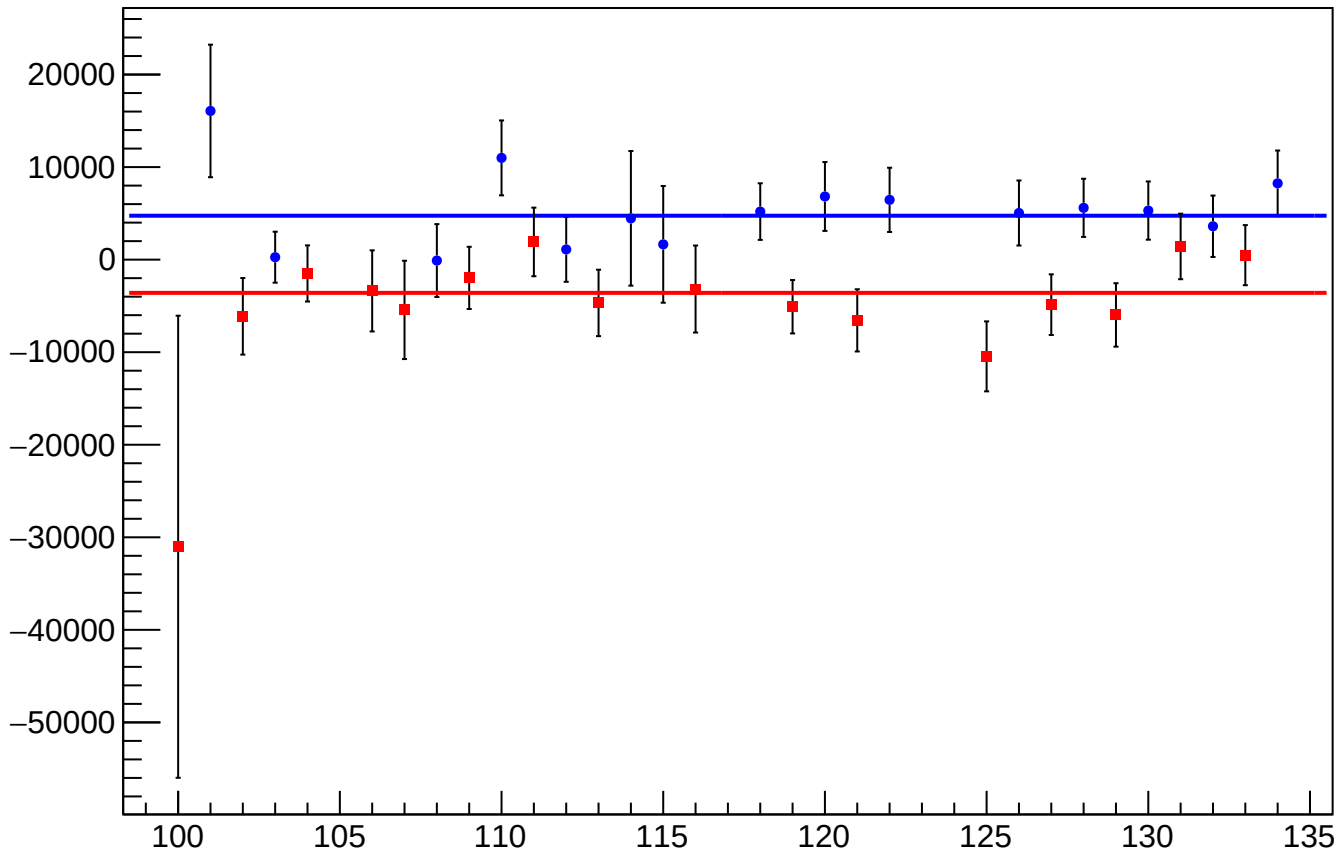
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1705.770+/-0.347 χ^2/NDF : 1083171.5/30

- sign 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+/-945.493 χ^2/NDF : 12.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3588.124+/-923.755 χ^2/NDF : 13.3/15

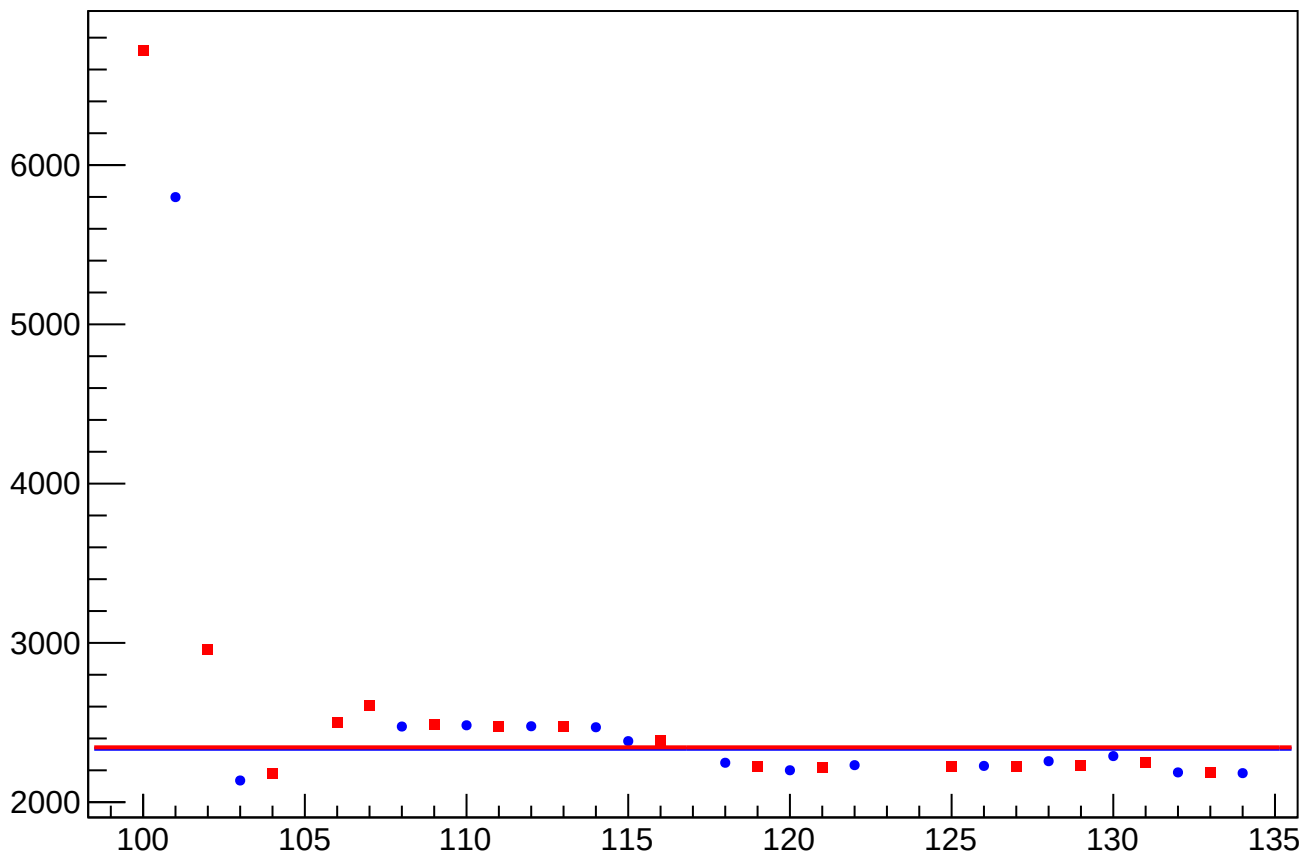
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 482.029+/-660.745 χ^2/NDF : 65.2/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_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

Right Out: 2344.310+/-0.653 χ^2/NDF : 147425.6/15

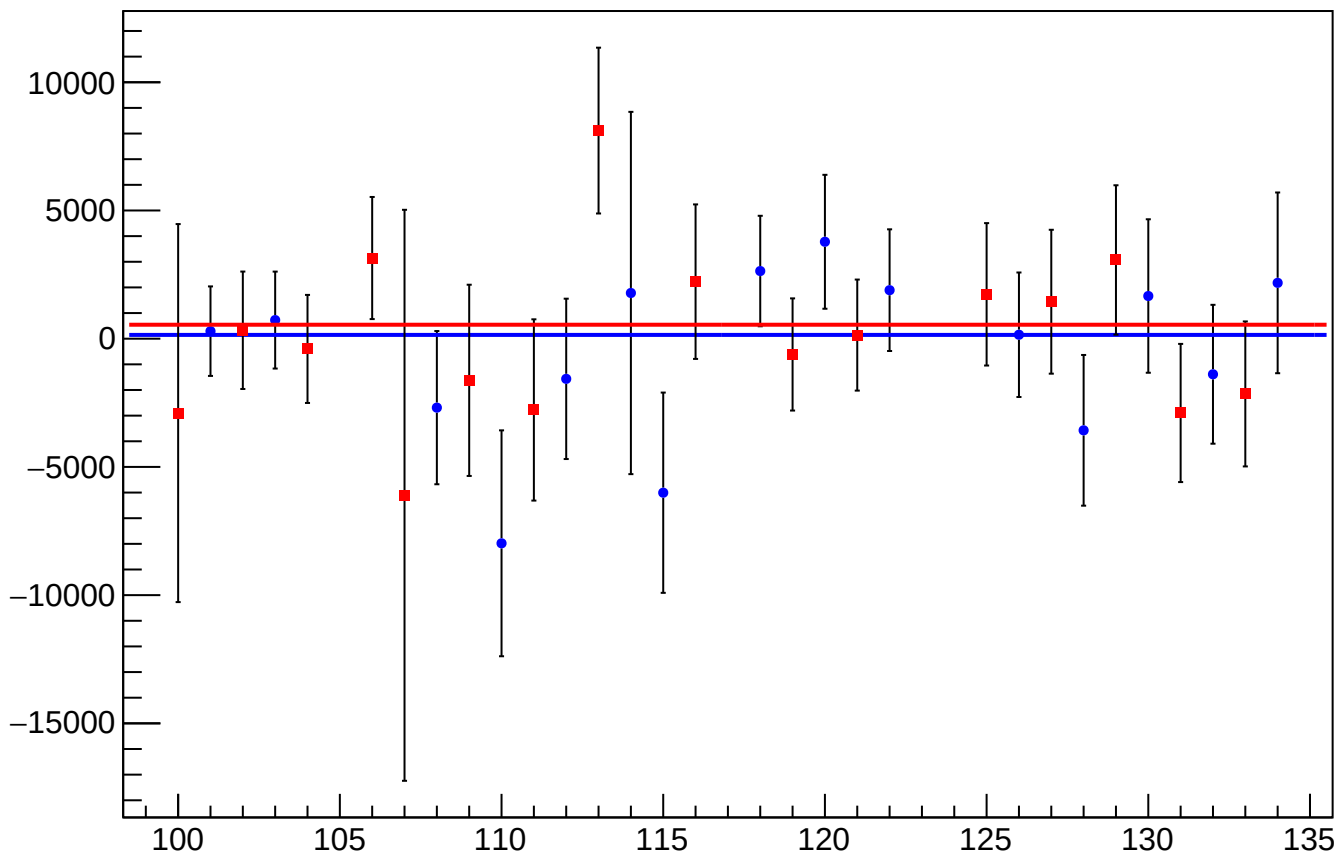
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2339.908+/-0.467 χ^2/NDF : 652411.5/30

- sign 0.000+/-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: 544.947 $\pm$ 700.727 χ^2 /NDF: 12.9/15

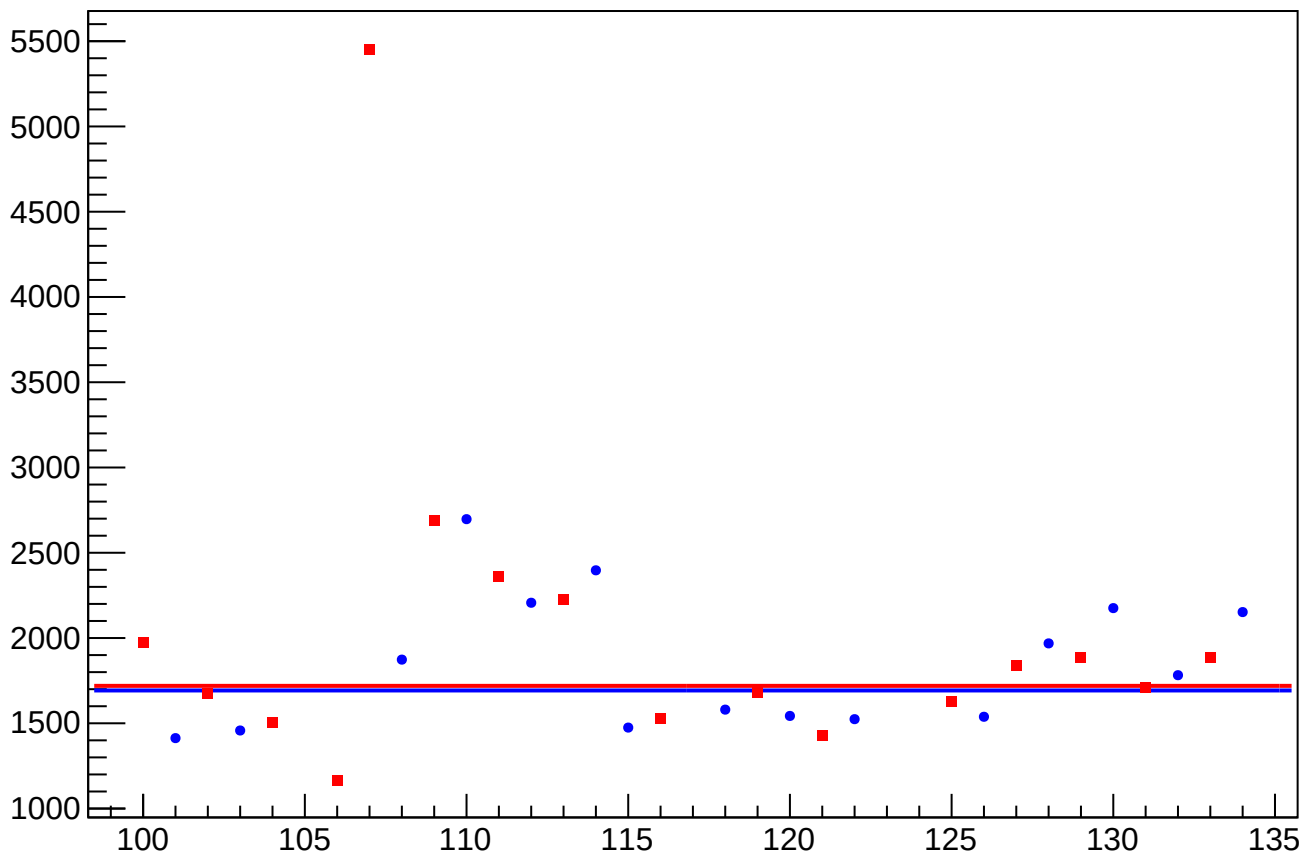
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 342.775 $\pm$ 490.872 χ^2 /NDF: 26.6/30

- 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

Right Out: 1719.533+/-0.495 χ^2/NDF : 671825.2/15

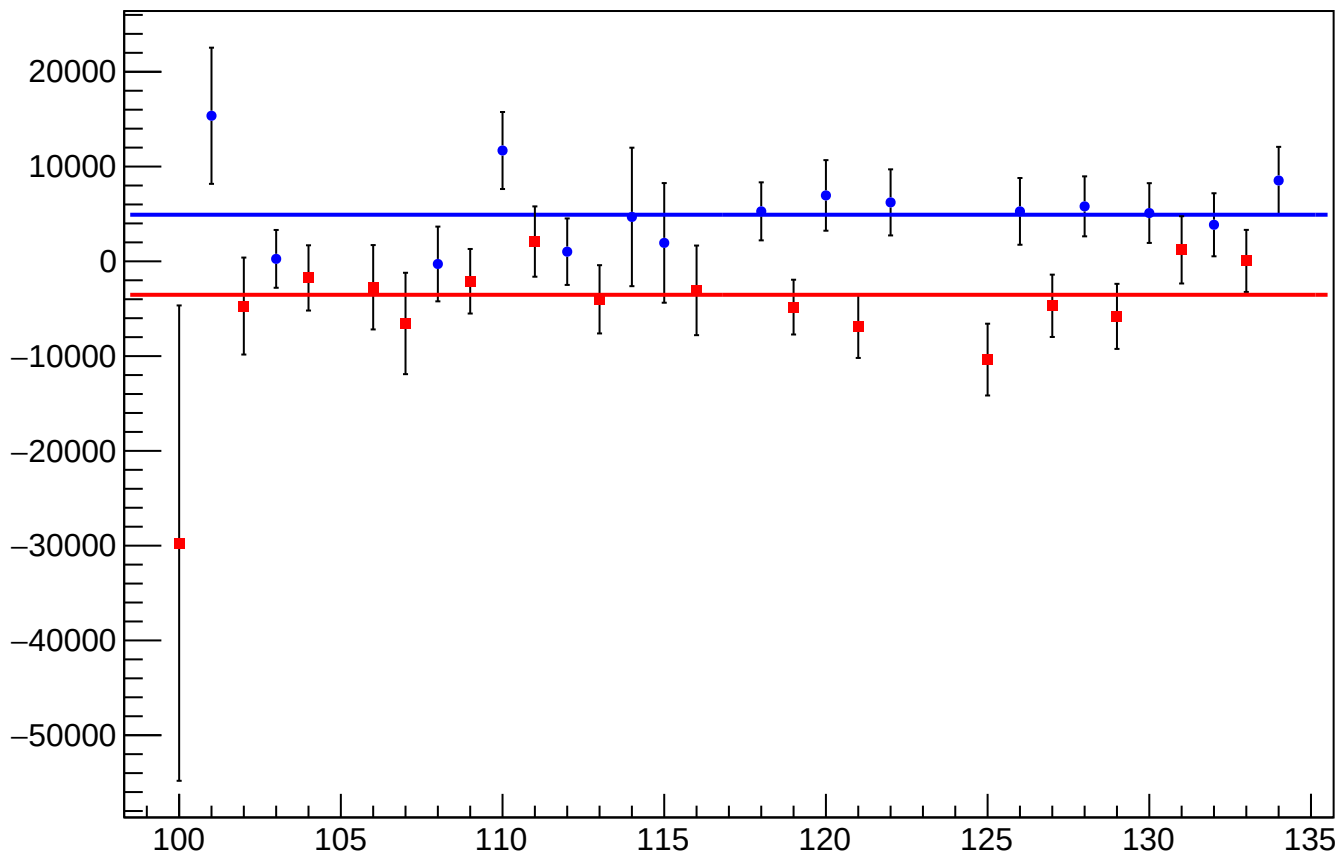
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1705.770+/-0.347 χ^2/NDF : 1083171.5/30

- sign 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: -3531.253+/-945.772 χ^2/NDF : 12.2/15

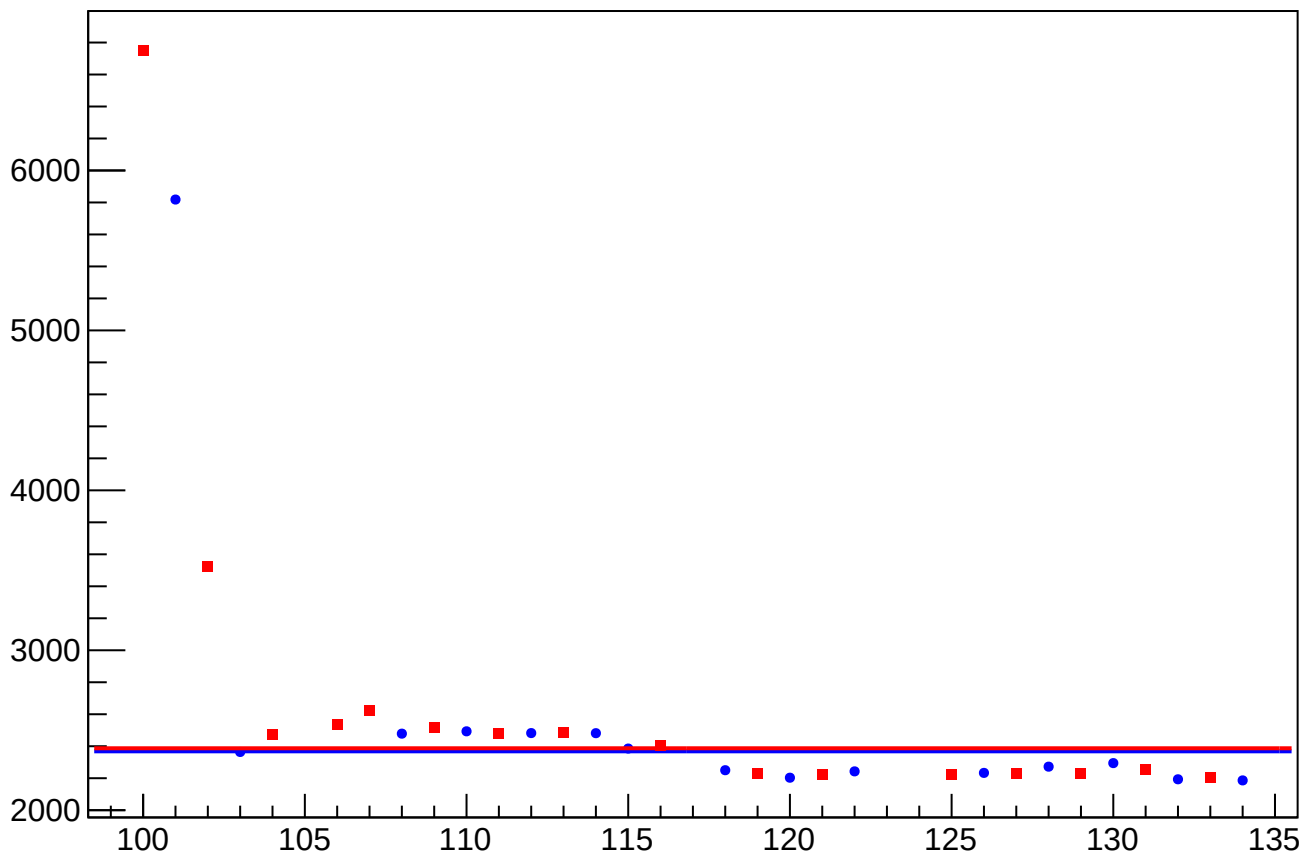
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 636.330+/-673.195 χ^2/NDF : 63.7/30

- 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: 2387.198+/-0.669 χ^2/NDF : 203995.8/15

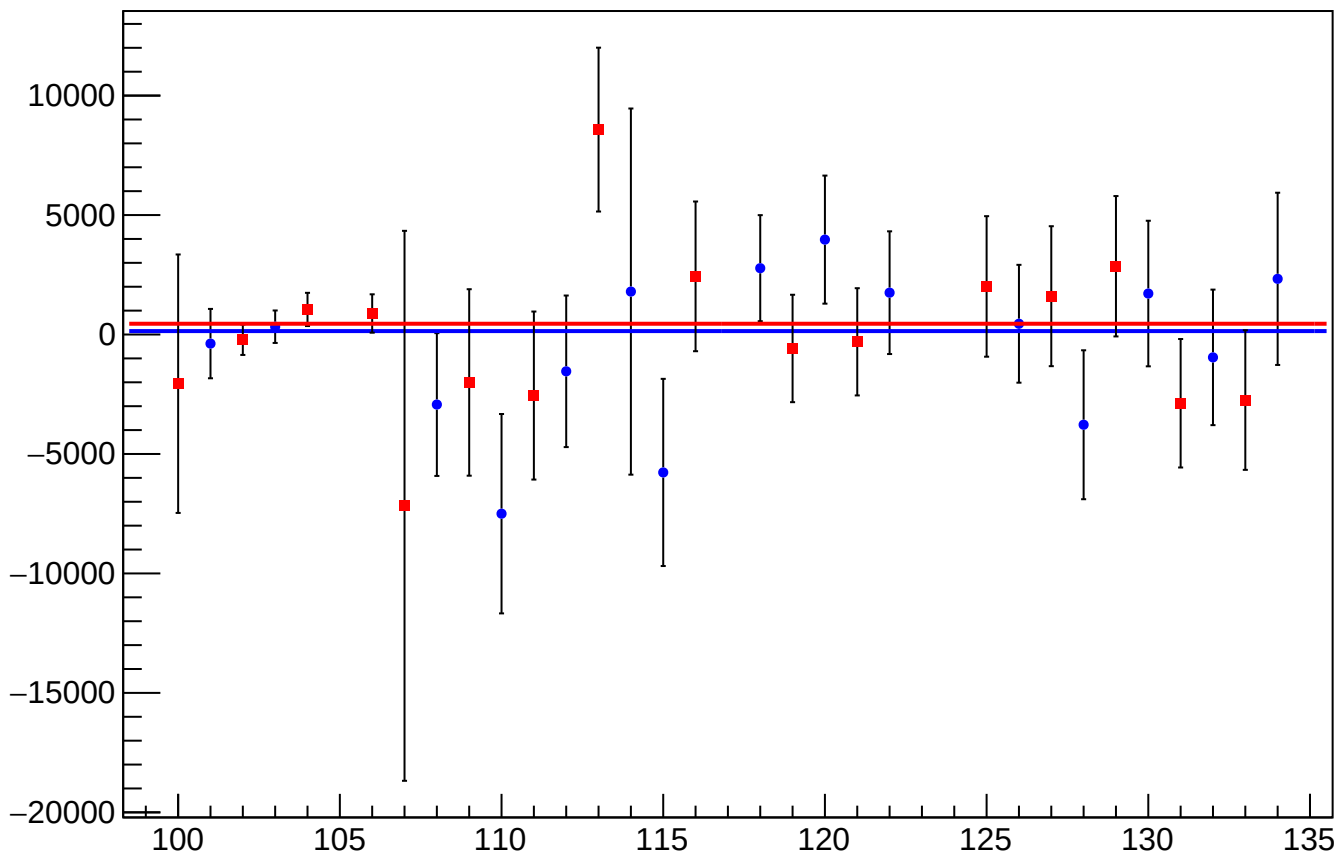
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2377.812+/-0.476 χ^2/NDF : 697699.9/30

- 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+/-496.164 χ^2/NDF : 13.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 450.920+/-365.955 χ^2/NDF : 14.1/15

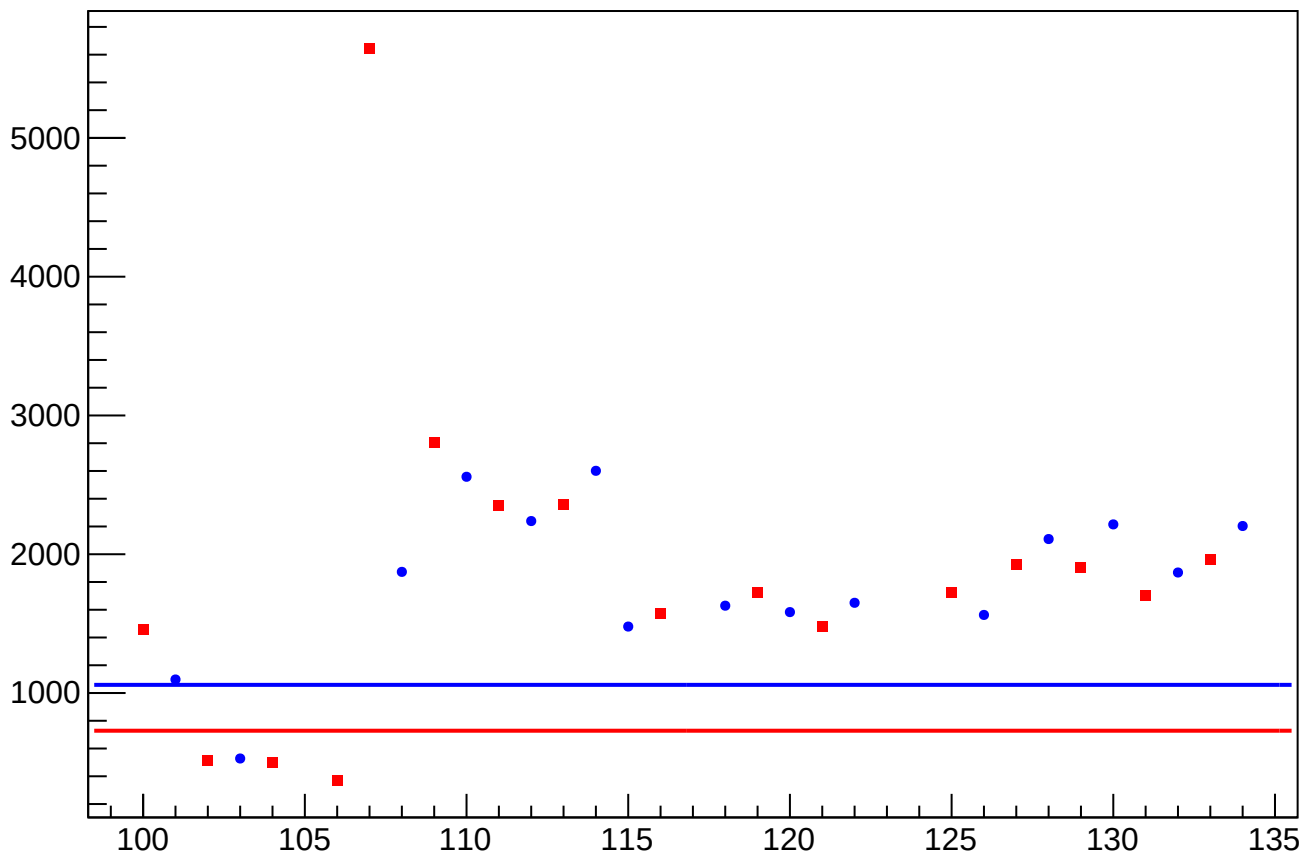
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.565+/-294.512 χ^2/NDF : 27.8/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_dit_correction_rms vs Slug



Right In: 1058.736 $\pm$ 0.351 χ^2 /NDF: 3287492.4/14

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

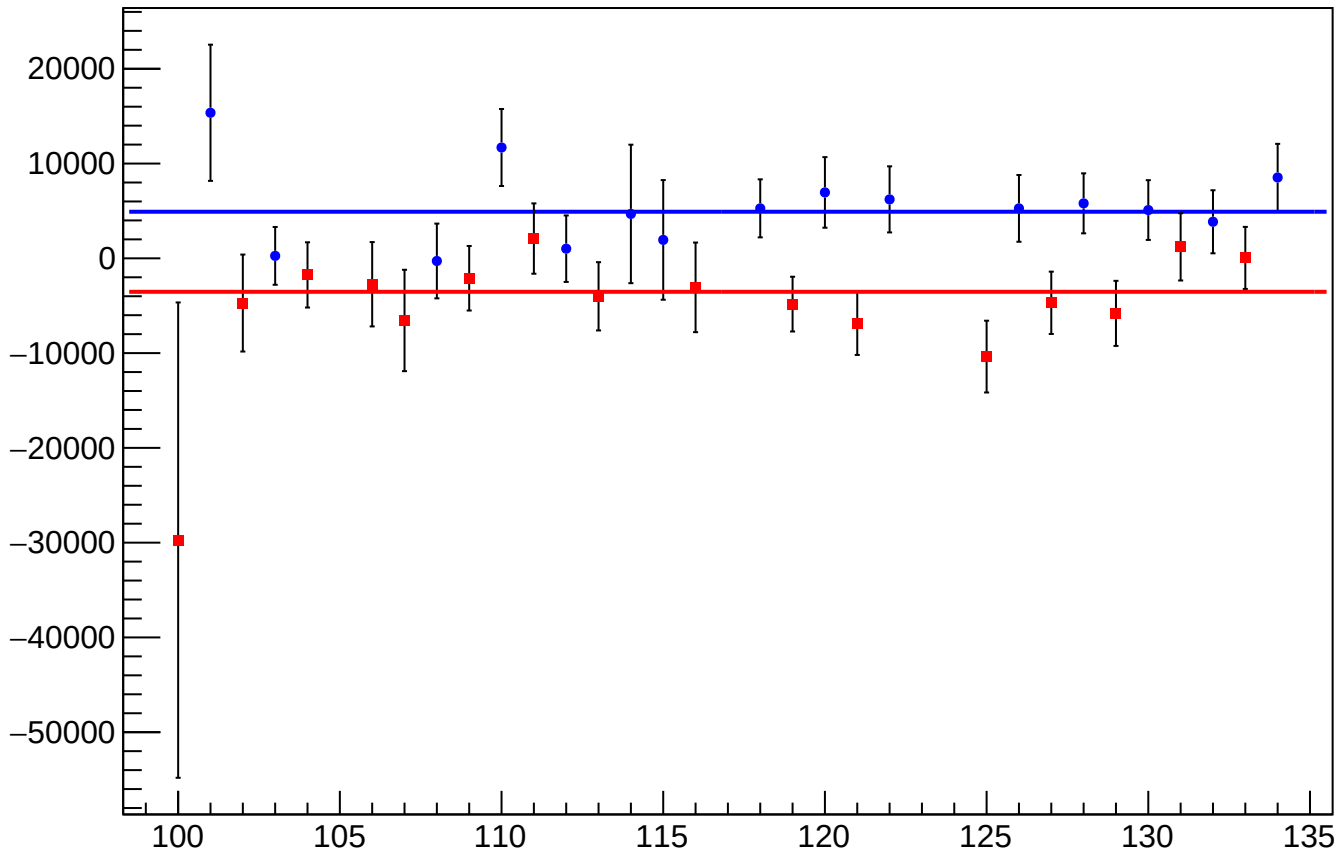
Right Out: 728.309 $\pm$ 0.259 χ^2 /NDF: 4962298.3/15

All: 844.729 $\pm$ 0.208 χ^2 /NDF: 8824279.0/30

- 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_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 4916.288 $\pm$ 958.438 χ^2 /NDF: 12.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3531.250 $\pm$ 945.771 χ^2 /NDF: 12.2/15

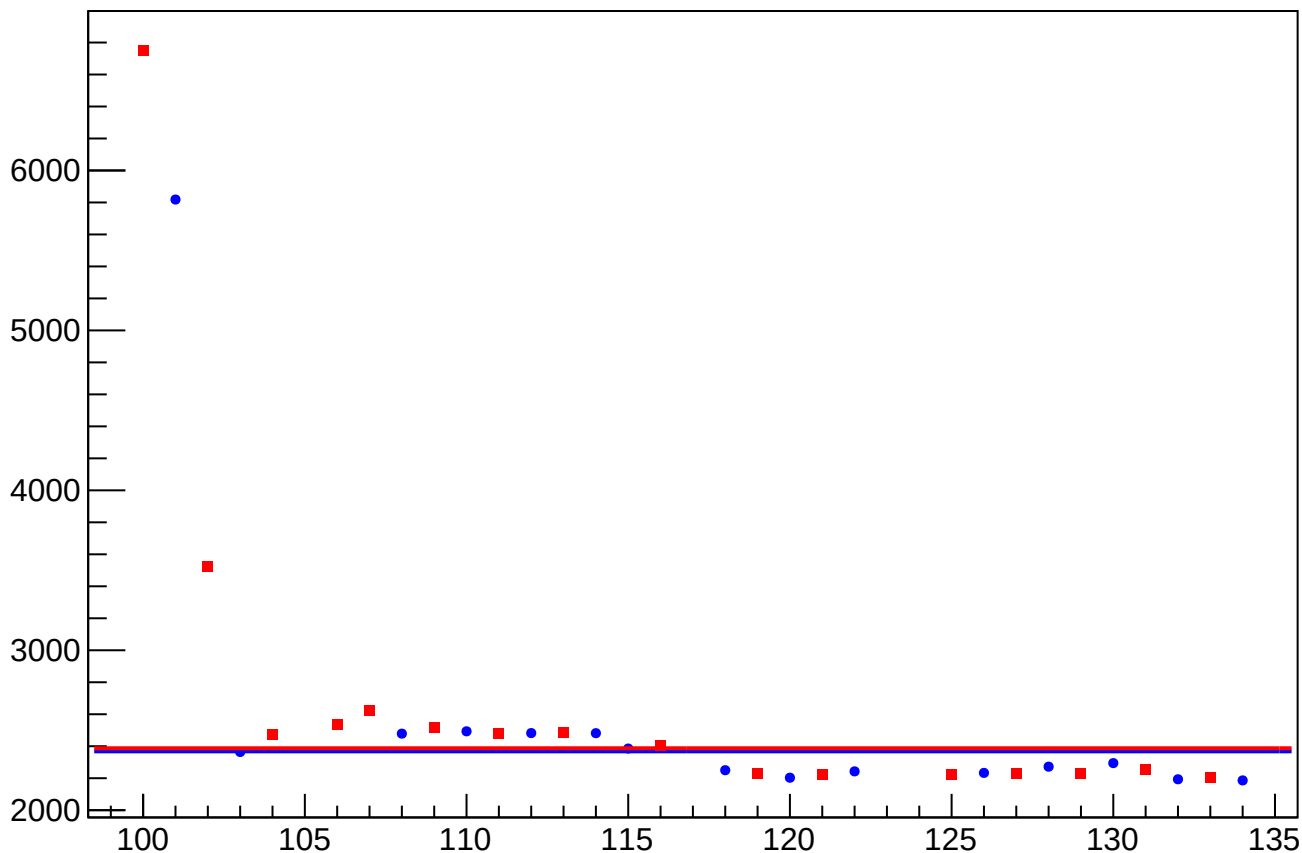
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 636.331 $\pm$ 673.195 χ^2 /NDF: 63.7/30

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2368.172 $\pm$ 0.678 χ^2 /NDF: 493305.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2387.198 $\pm$ 0.669 χ^2 /NDF: 203994.7/15

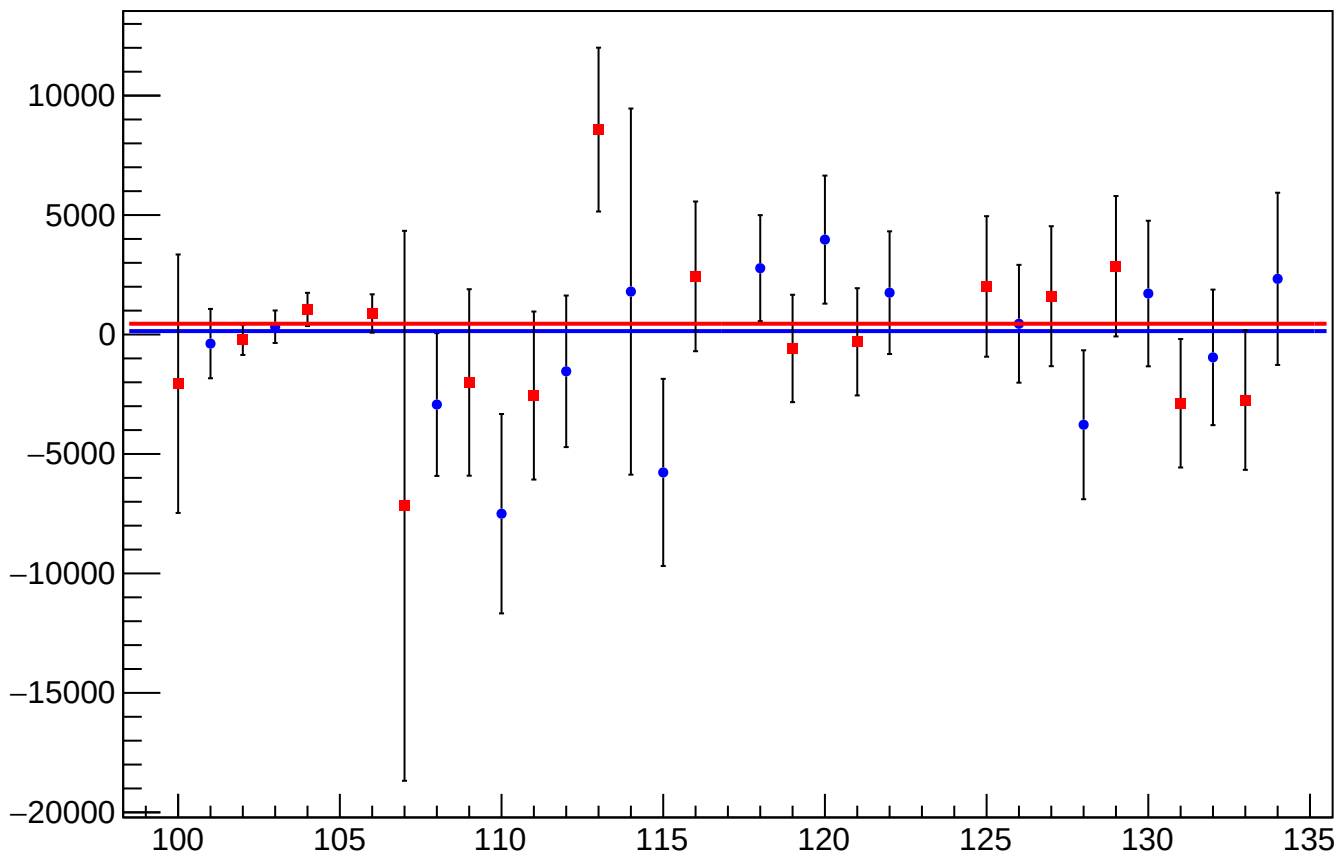
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2377.812 $\pm$ 0.476 χ^2 /NDF: 697699.0/30

- sign 0.000 $\pm$ 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: 450.924+/-365.960 χ^2/NDF : 14.1/15

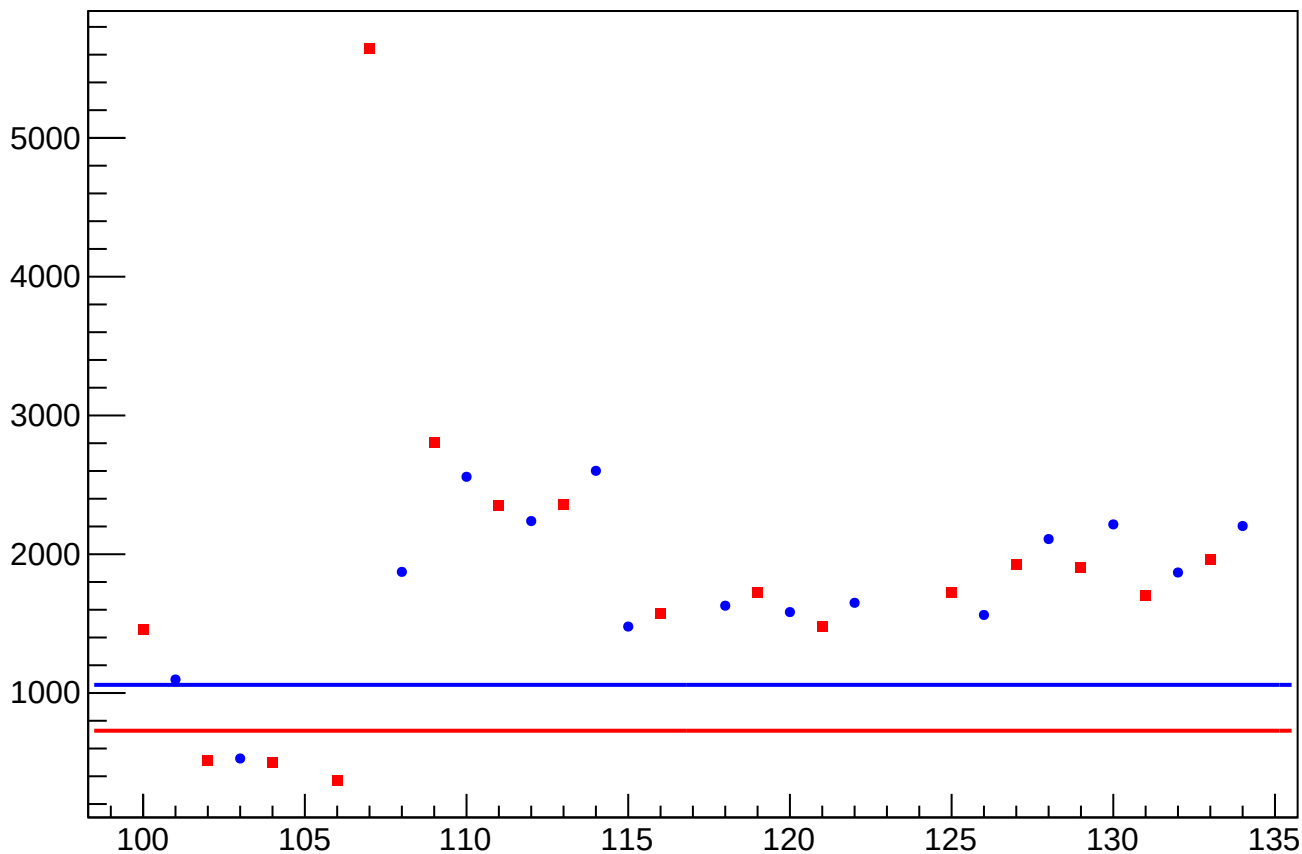
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.564+/-294.515 χ^2/NDF : 27.8/30

- 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+/-0.351 χ^2/NDF : 3287423.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 728.323+/-0.259 χ^2/NDF : 4962191.6/15

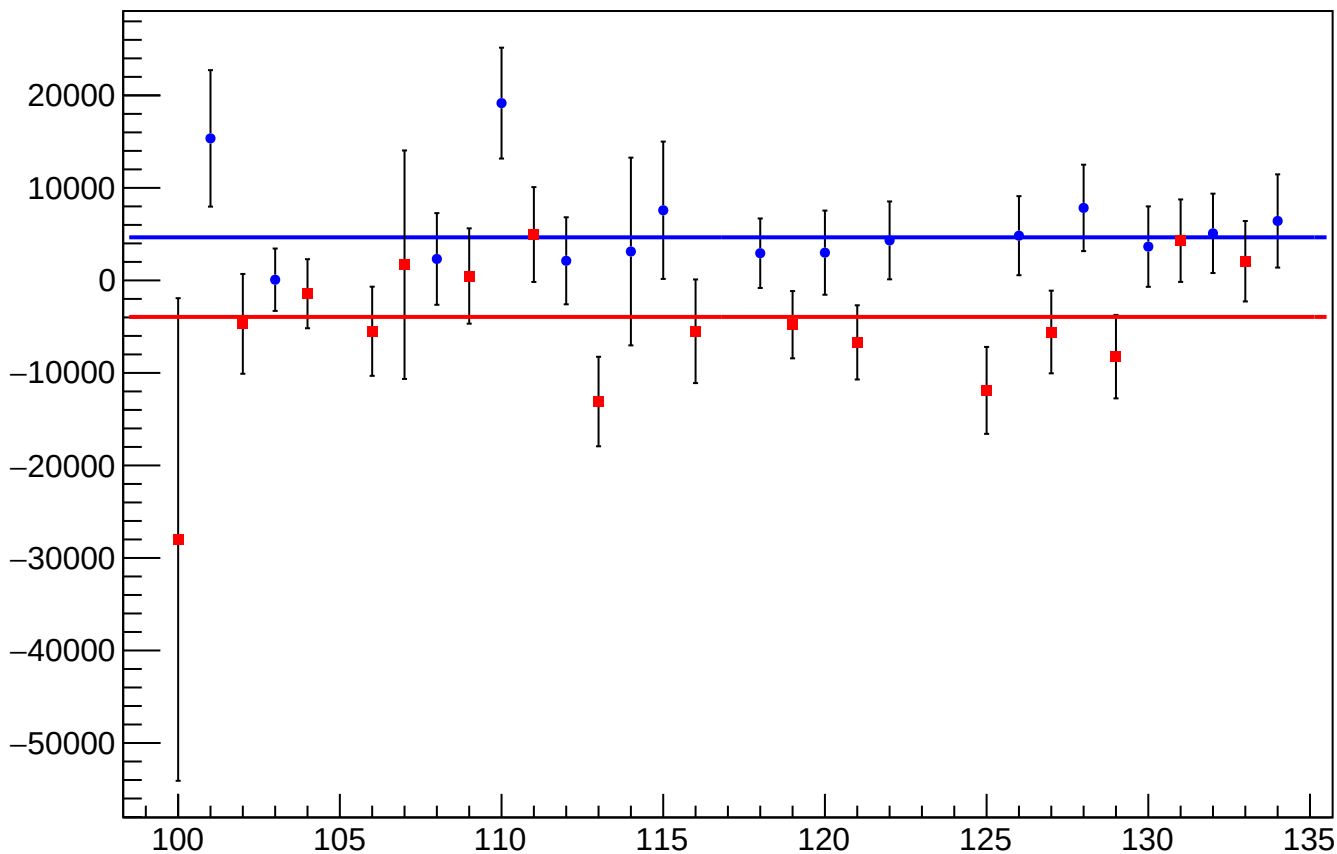
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 844.744+/-0.208 χ^2/NDF : 8824076.9/30

- sign 0.000+/-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: -3945.776+/-1201.103 χ^2/NDF : 18.8/15

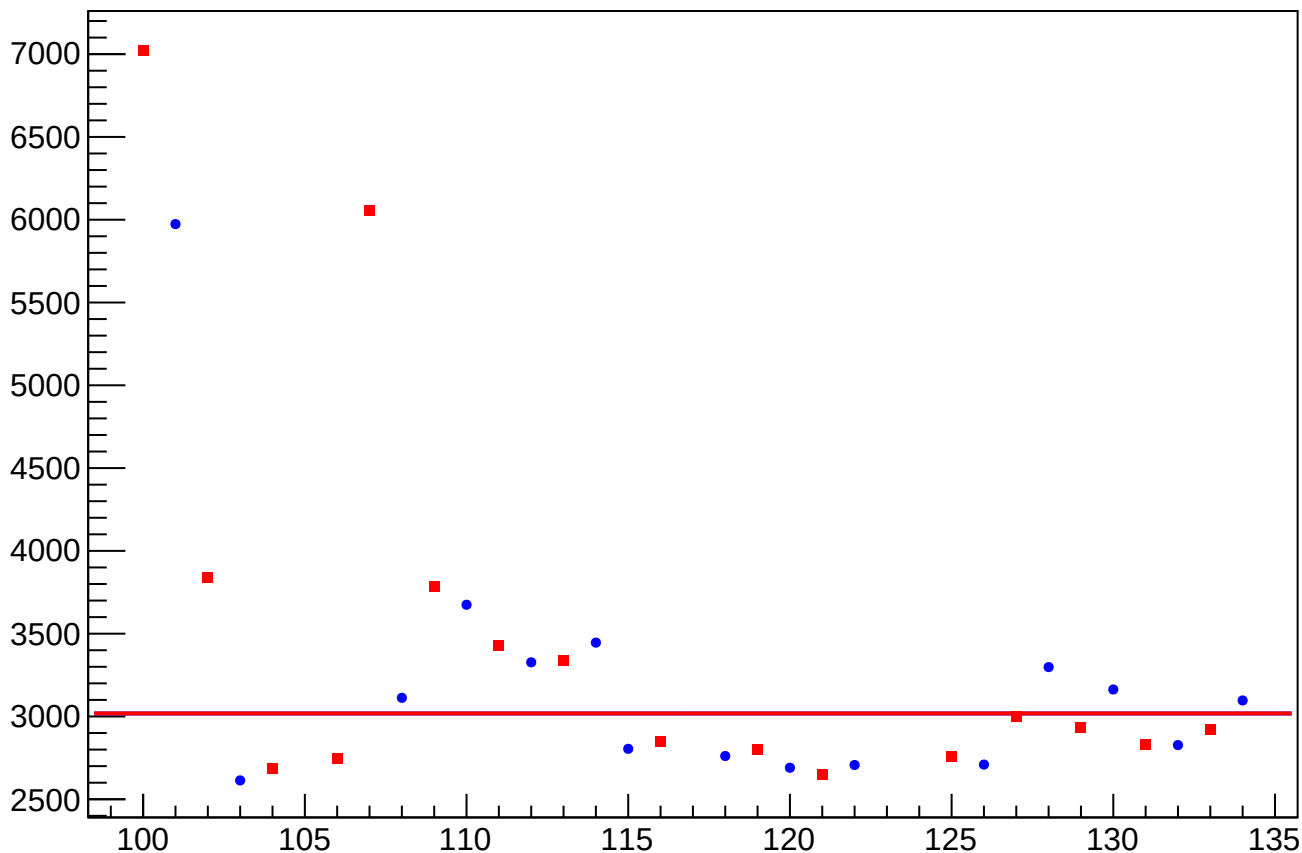
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 285.899+/-856.185 χ^2/NDF : 55.5/30

- 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: 3018.449+/-0.849 χ^2/NDF : 339075.4/15

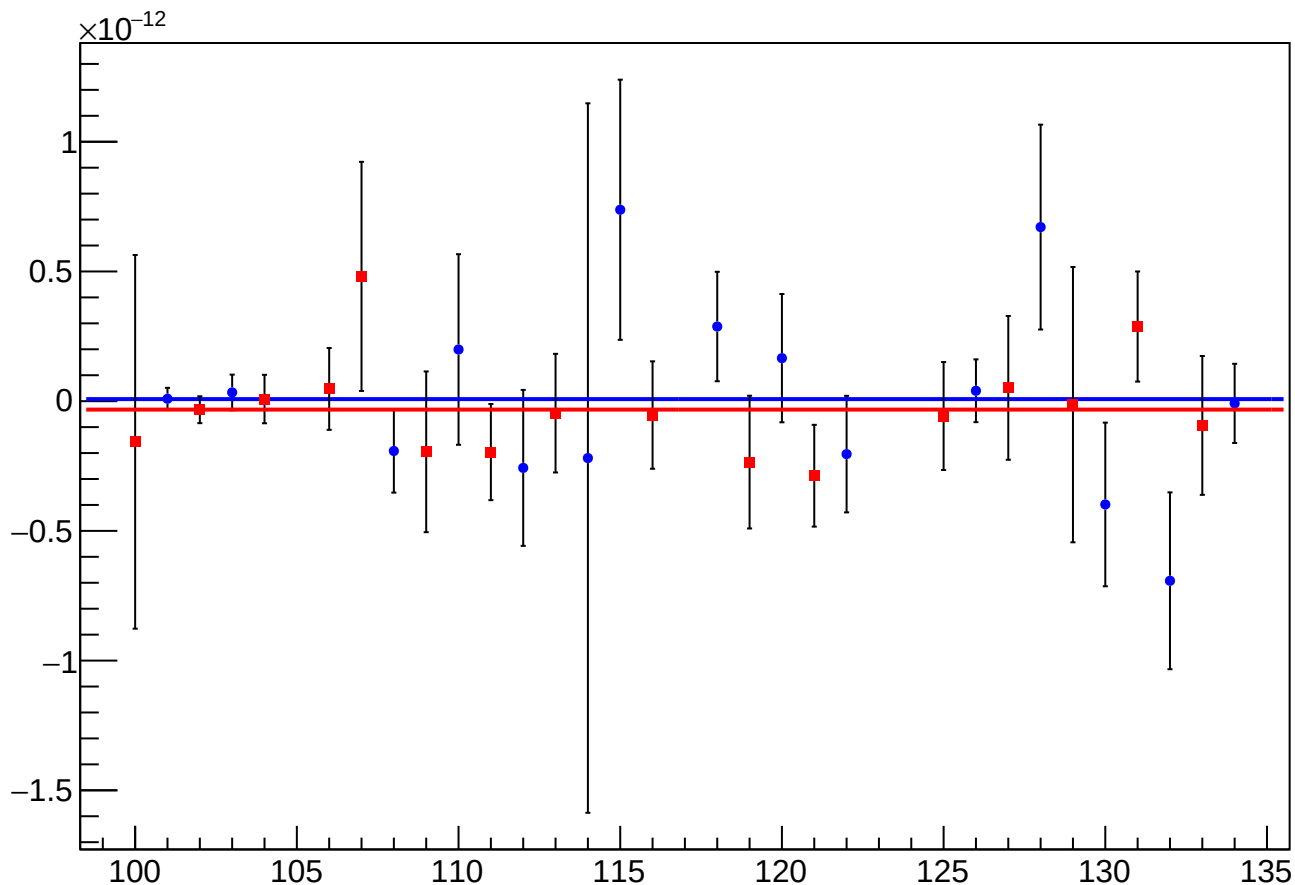
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3018.142+/-0.605 χ^2/NDF : 782484.3/30

- 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: 7.6/15

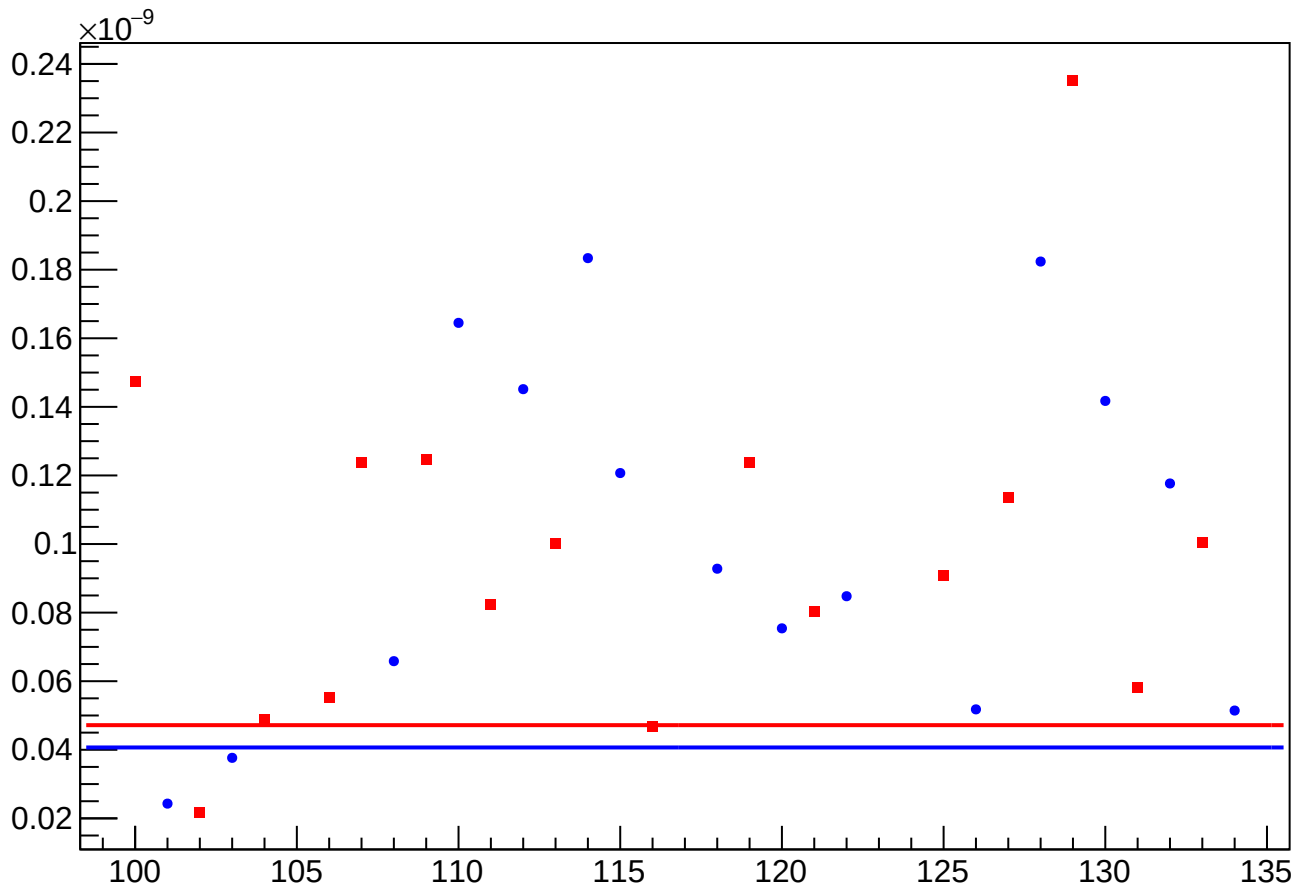
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 25.1/30

- 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 : 1668309.6/15

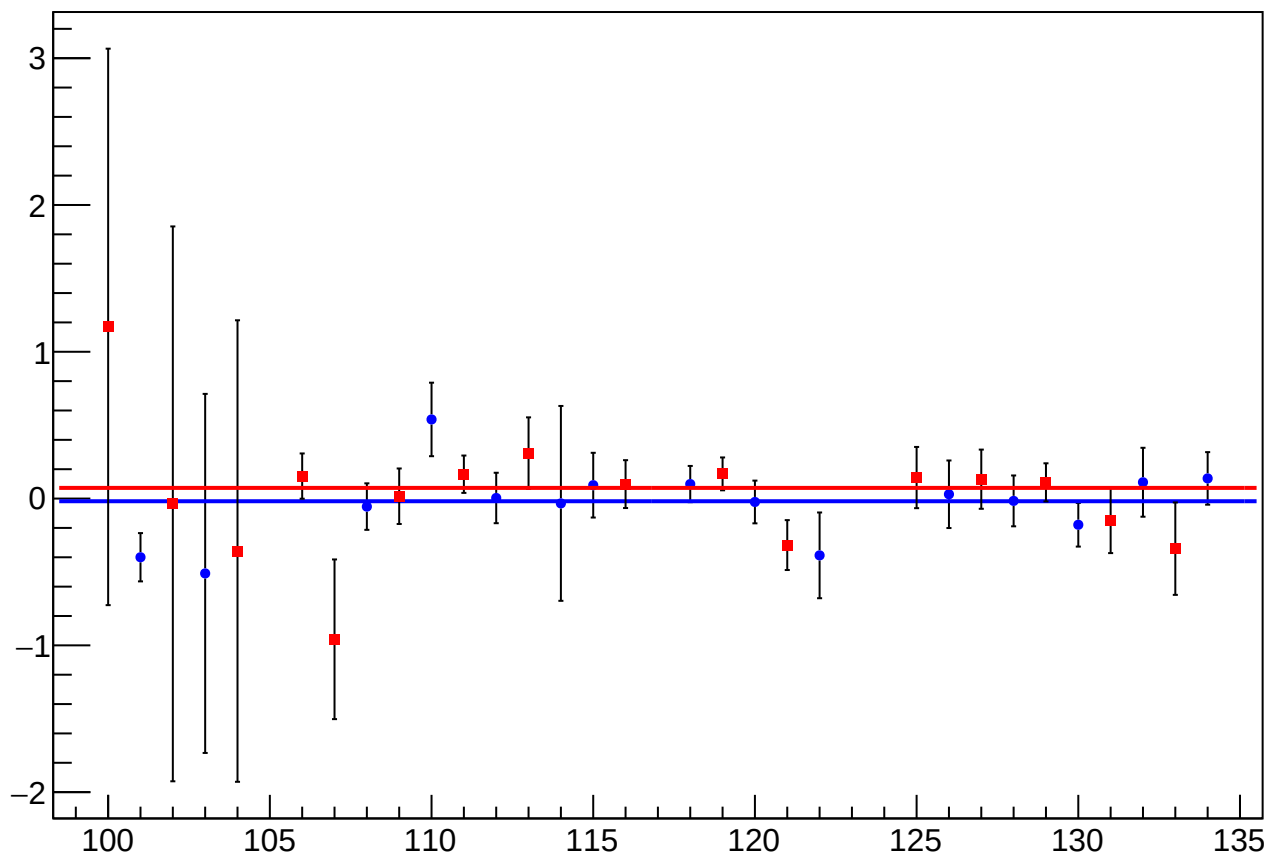
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3431940.6/30

- 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 χ^2/NDF : 15.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.073 ± 0.048 χ^2/NDF : 14.8/15

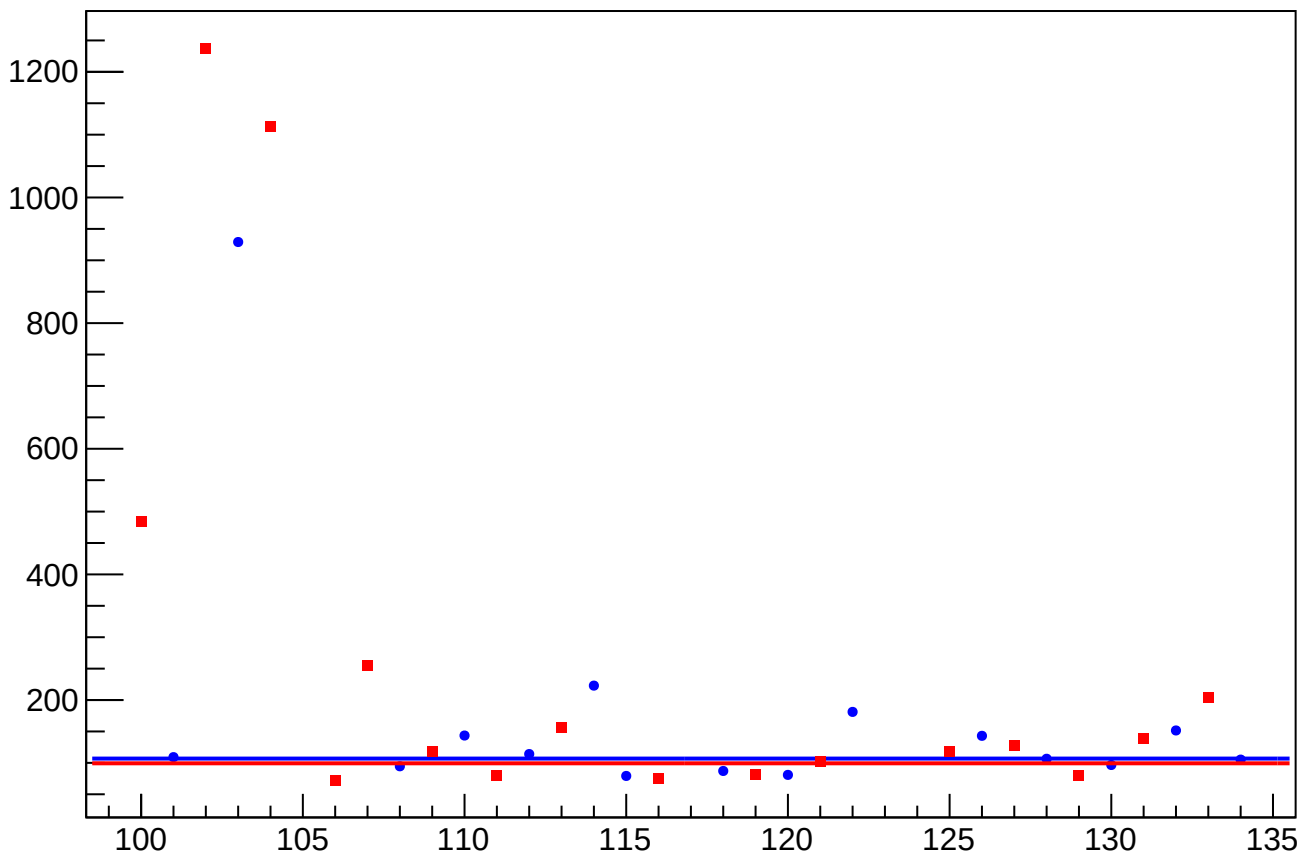
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.028 ± 0.034 χ^2/NDF : 32.2/30

- sign 0.000 ± 0.000 χ^2/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: 99.299+/-0.034 χ^2/NDF : 2539419.6/15

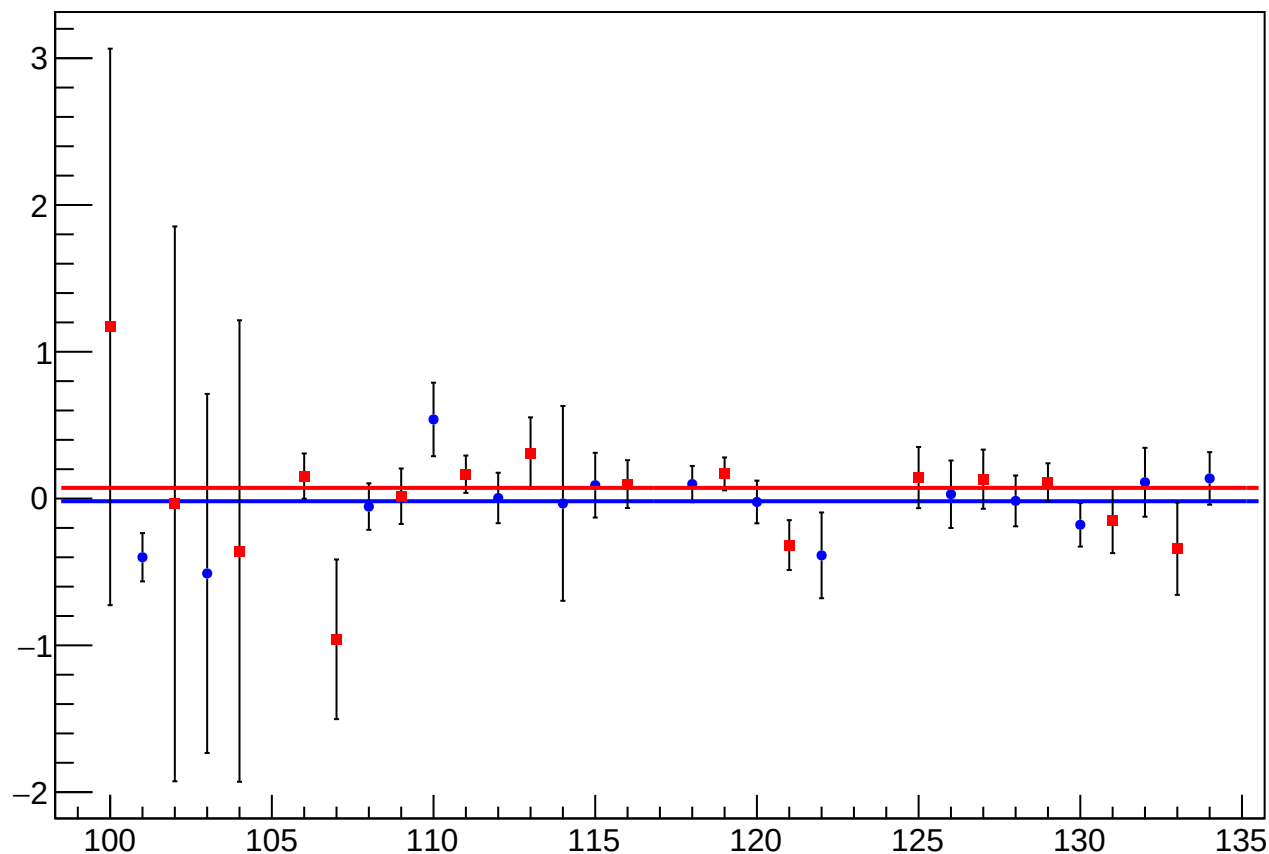
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.966+/-0.024 χ^2/NDF : 3995312.5/30

- 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: 0.073 $\pm$ 0.048 χ^2 /NDF: 14.8/15

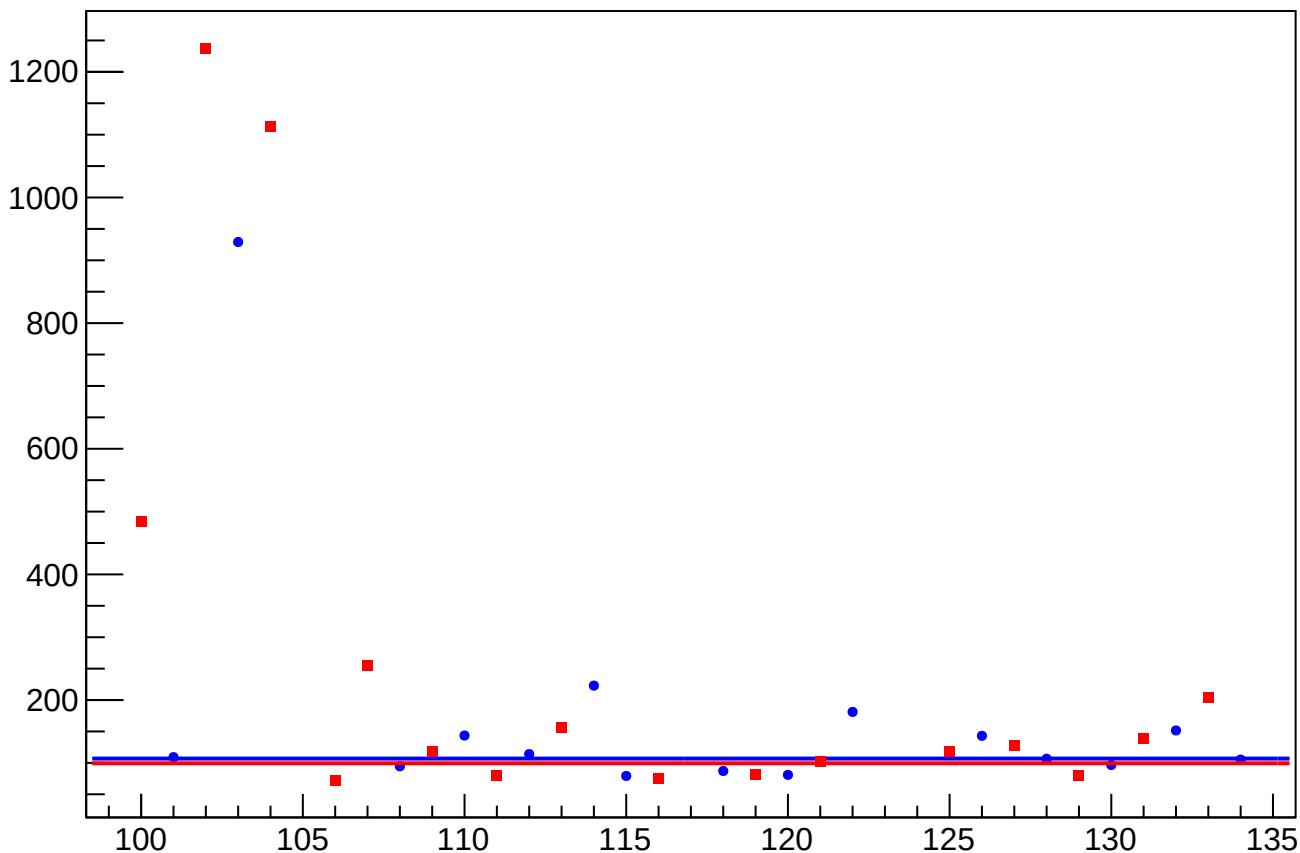
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.028 $\pm$ 0.034 χ^2 /NDF: 32.2/30

- 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: 99.299+/-0.034 χ^2/NDF : 2539419.6/15

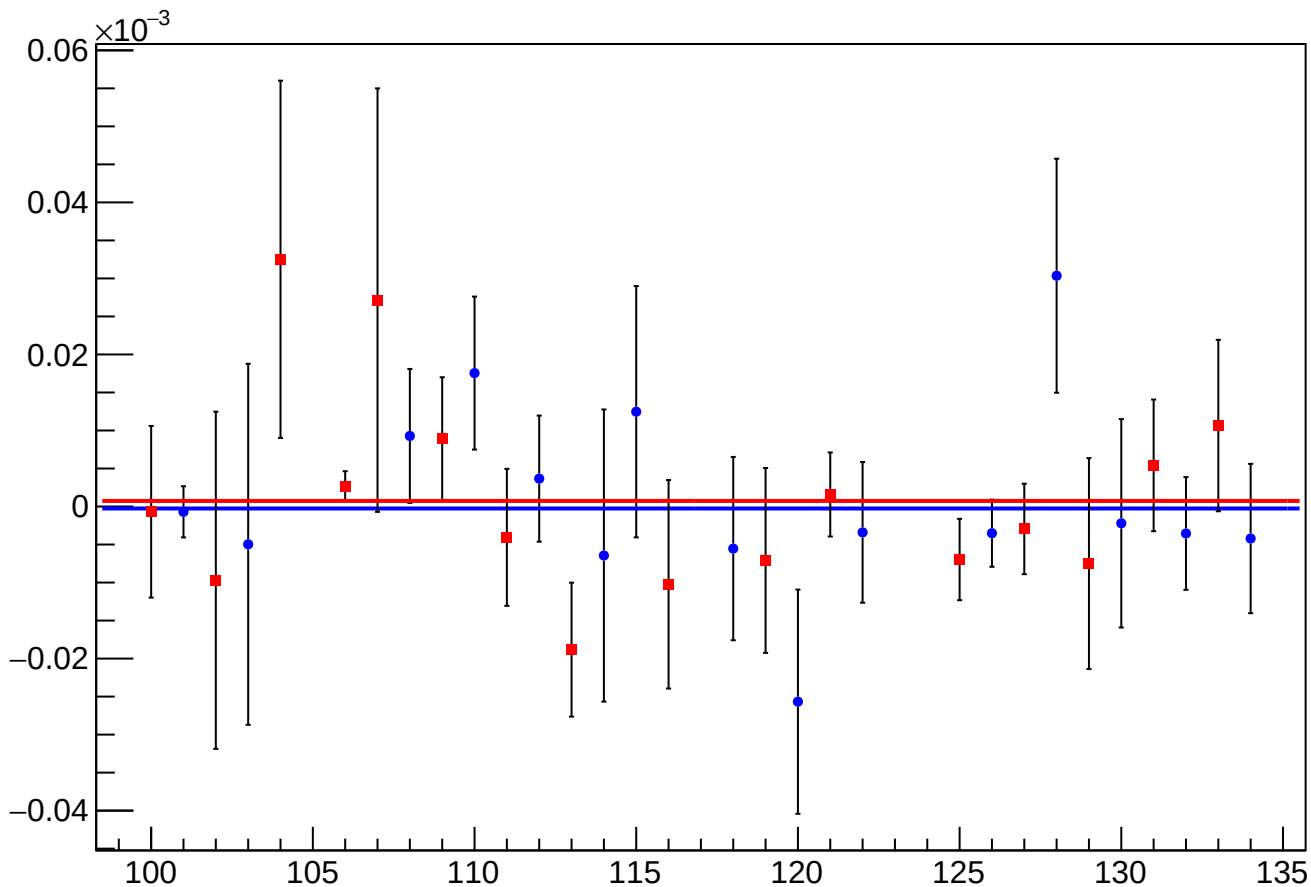
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.966+/-0.024 χ^2/NDF : 3995312.5/30

- 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+/-0.000 χ^2/NDF : 13.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.1/15

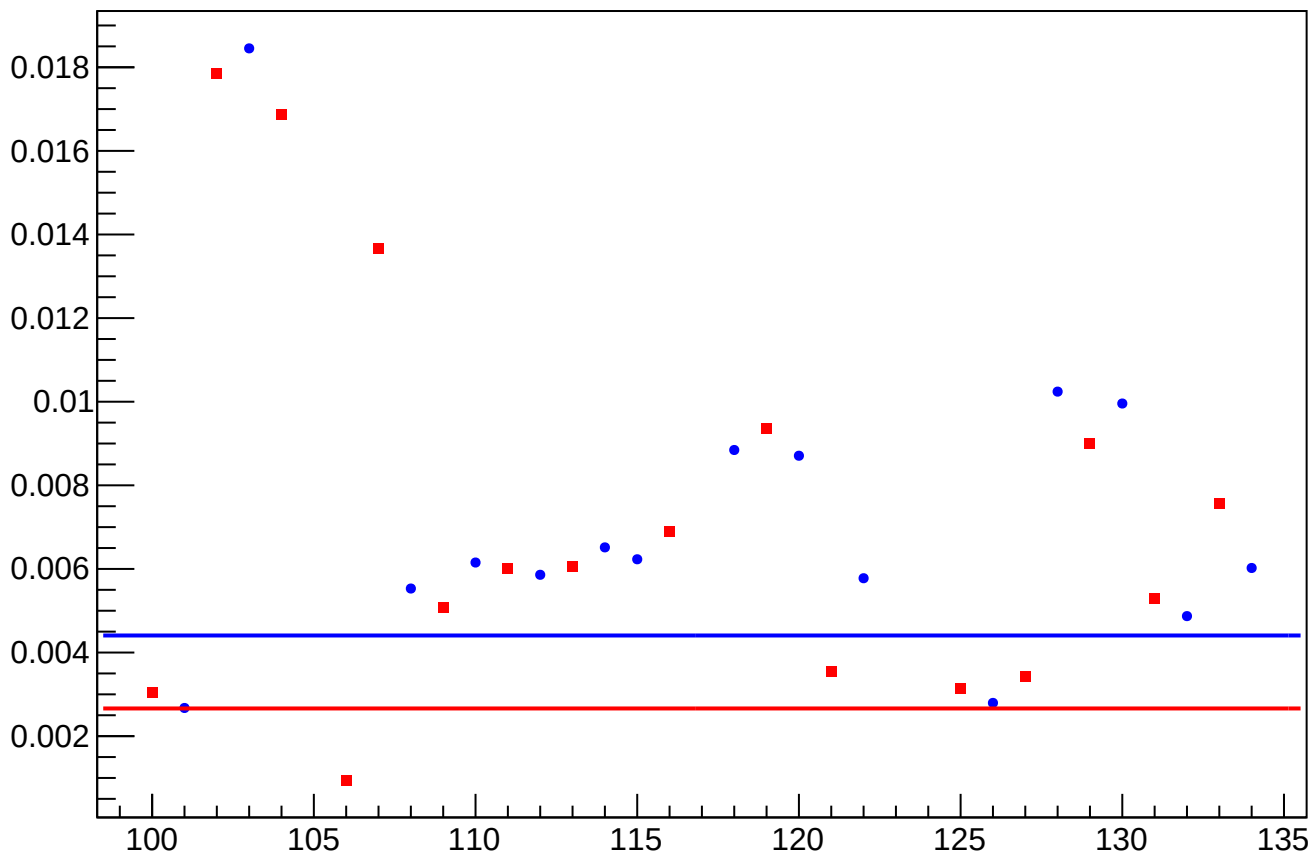
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.7/30

- sign 0.000+/-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 $\pm$ 0.000 χ^2 /NDF: 2861523.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.000 χ^2 /NDF: 6130093.3/15

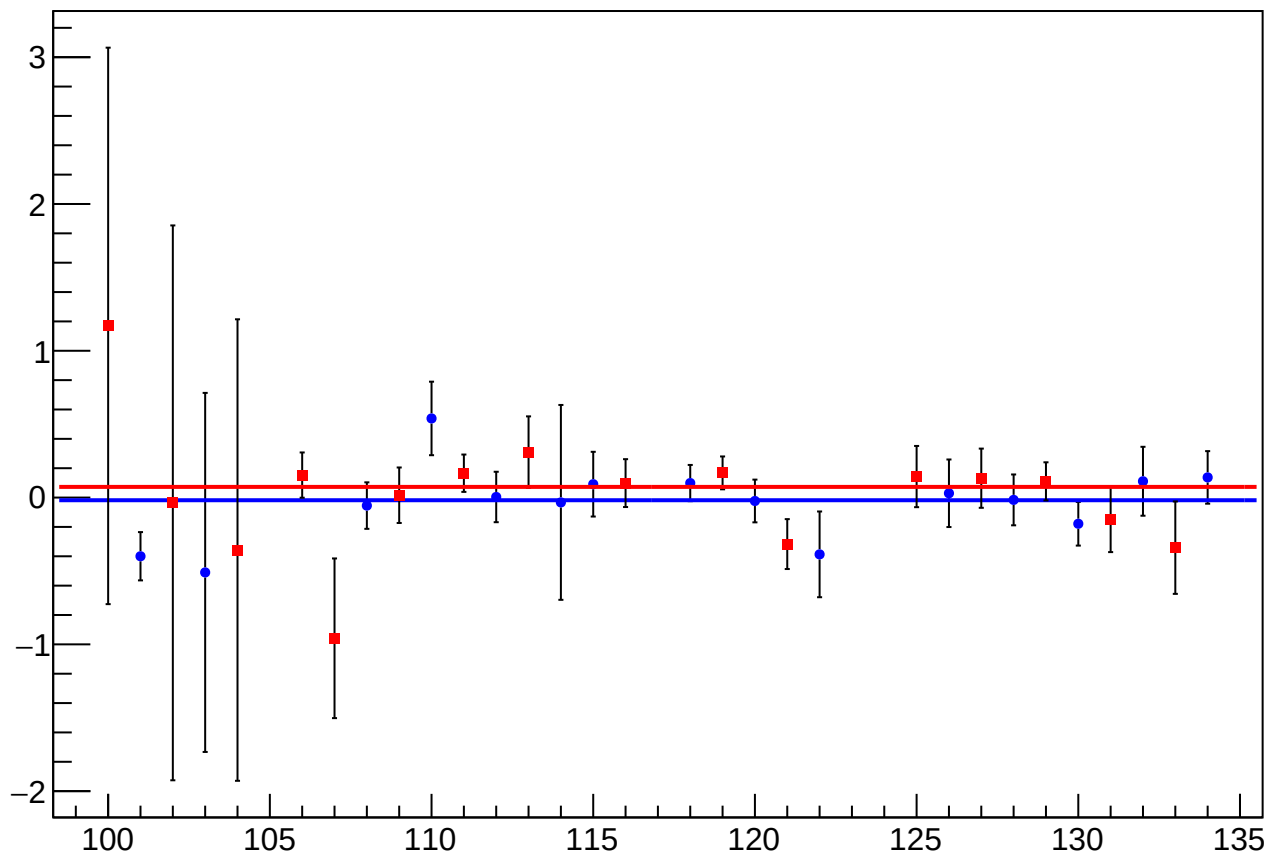
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.000 χ^2 /NDF: 9954691.8/30

- sign 0.000 $\pm$ 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 $\pm$ 0.049 χ^2 /NDF: 15.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.073 $\pm$ 0.048 χ^2 /NDF: 14.8/15

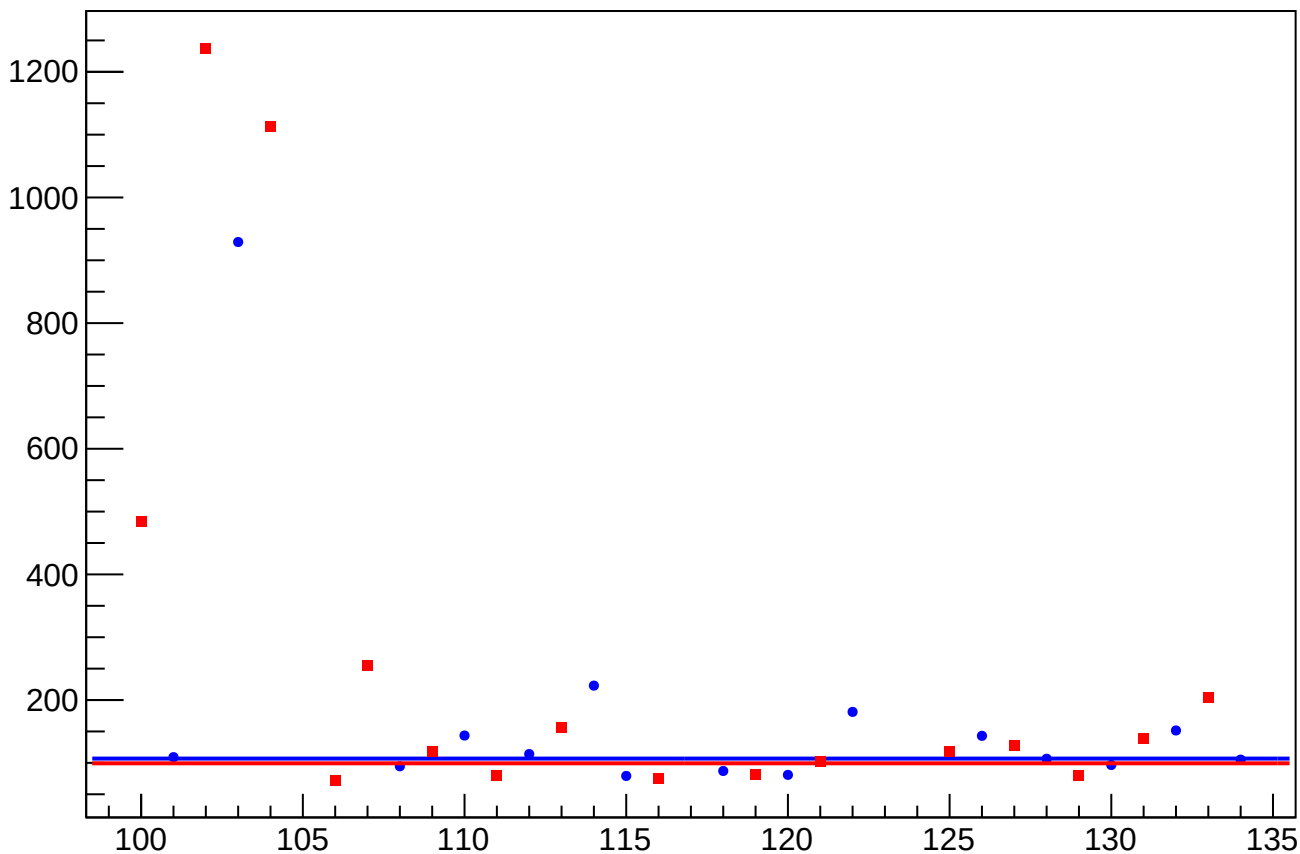
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.028 $\pm$ 0.034 χ^2 /NDF: 32.2/30

- sign 0.000 $\pm$ 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: 99.297+/-0.034 χ^2/NDF : 2539409.4/15

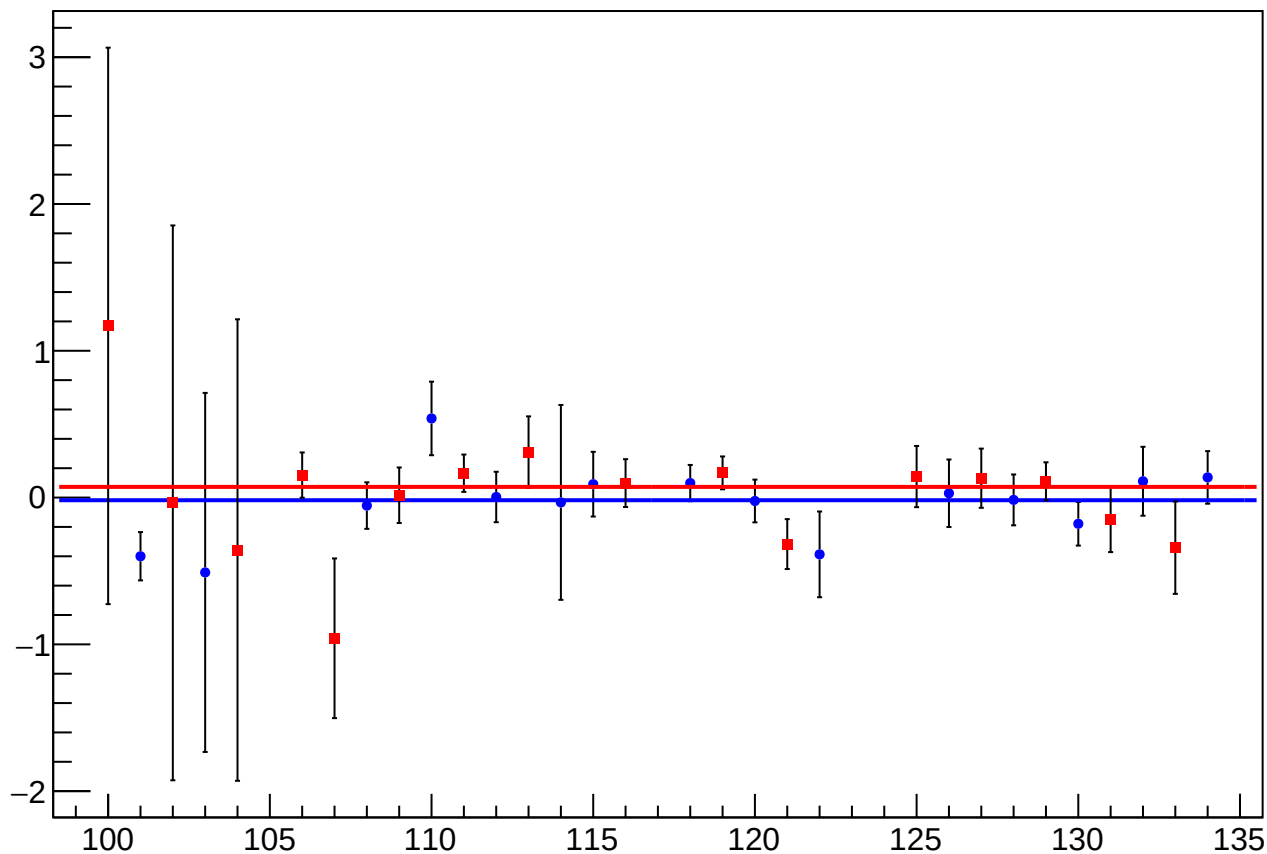
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.964+/-0.024 χ^2/NDF : 3995321.3/30

- 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 $\pm$ 0.049 χ^2 /NDF: 15.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.073 $\pm$ 0.048 χ^2 /NDF: 14.8/15

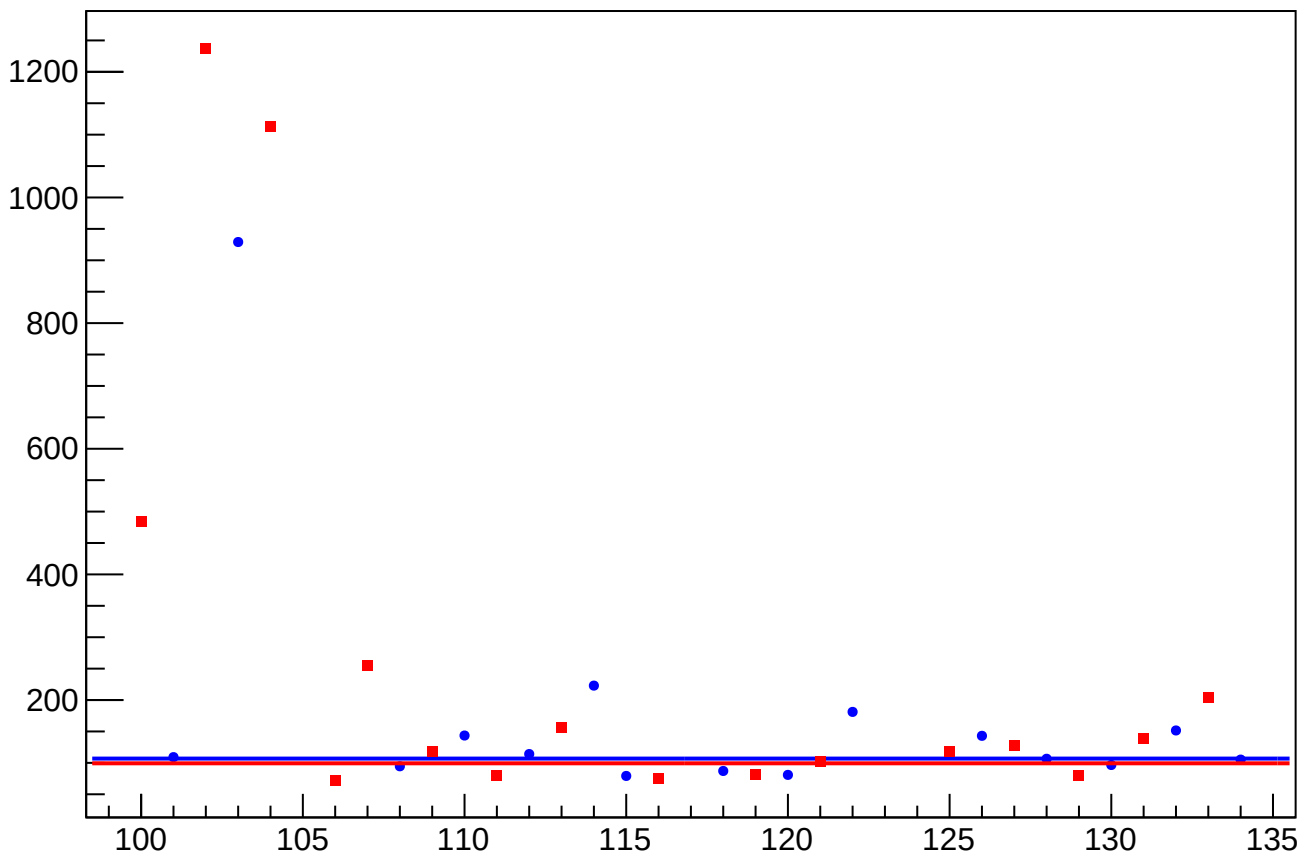
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.028 $\pm$ 0.034 χ^2 /NDF: 32.2/30

- sign 0.000 $\pm$ 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: 99.297+/-0.034 χ^2/NDF : 2539409.4/15

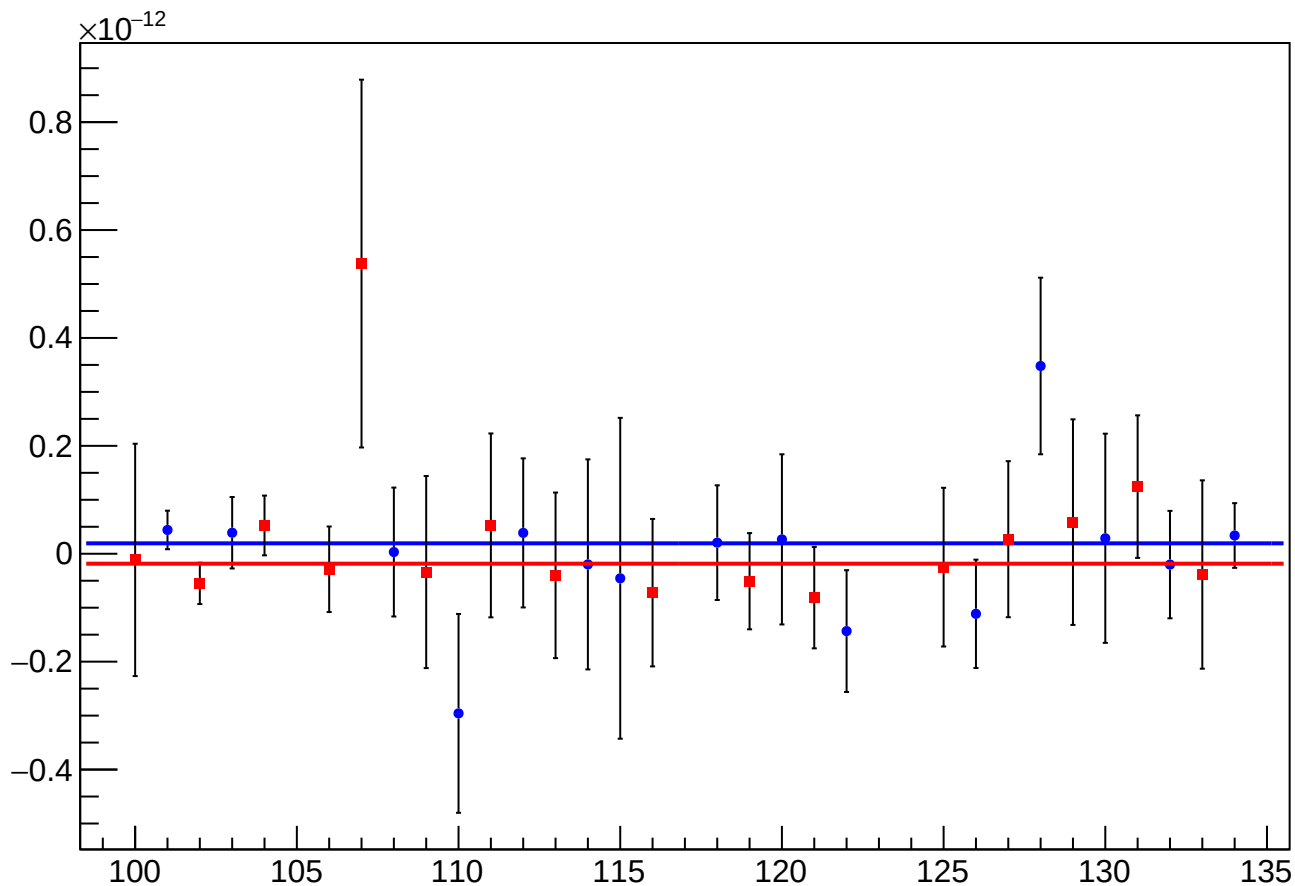
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.964+/-0.024 χ^2/NDF : 3995321.3/30

- 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: 7.6/15

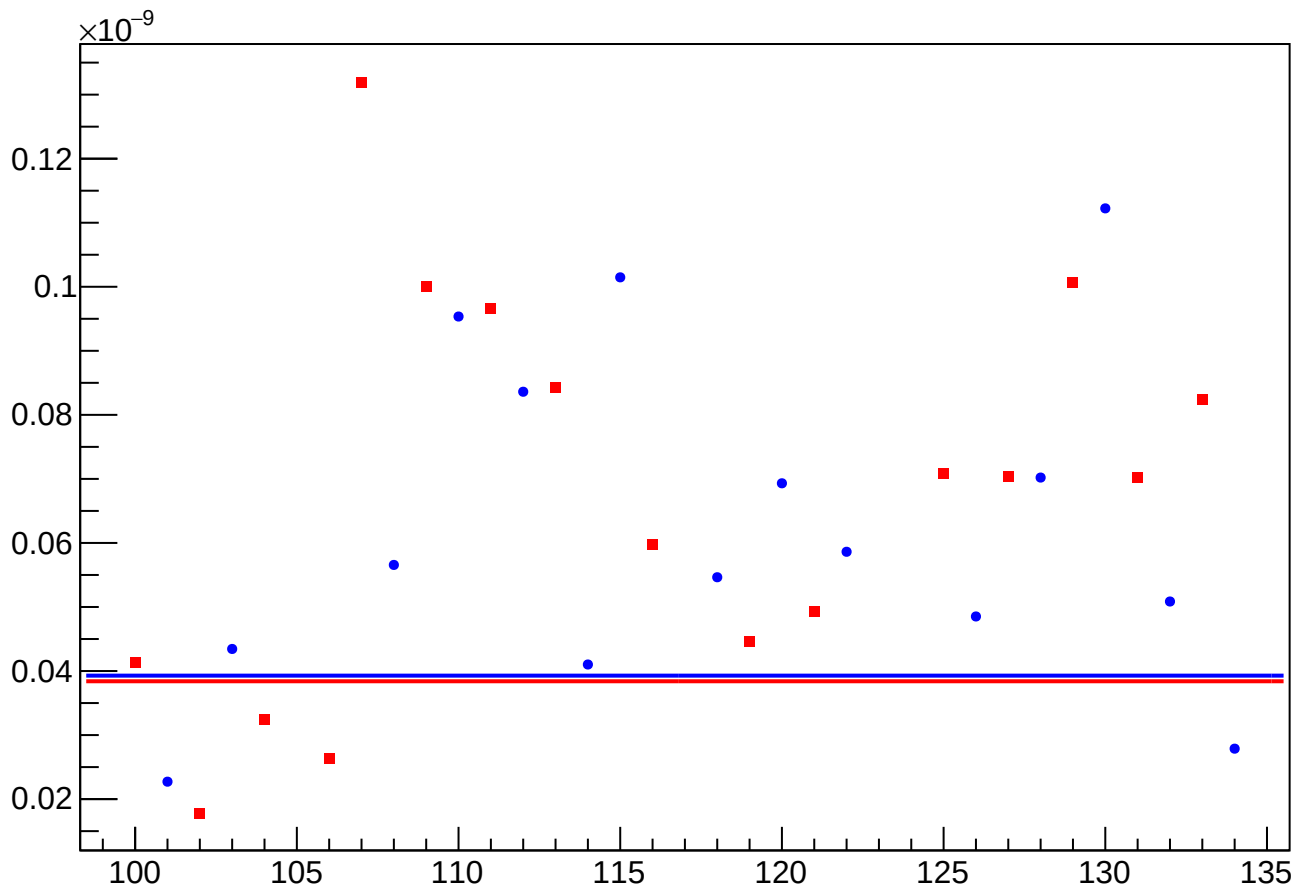
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 20.6/30

- 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 $\pm$ 0.000 χ^2 /NDF: 1602315.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2190707.7/15

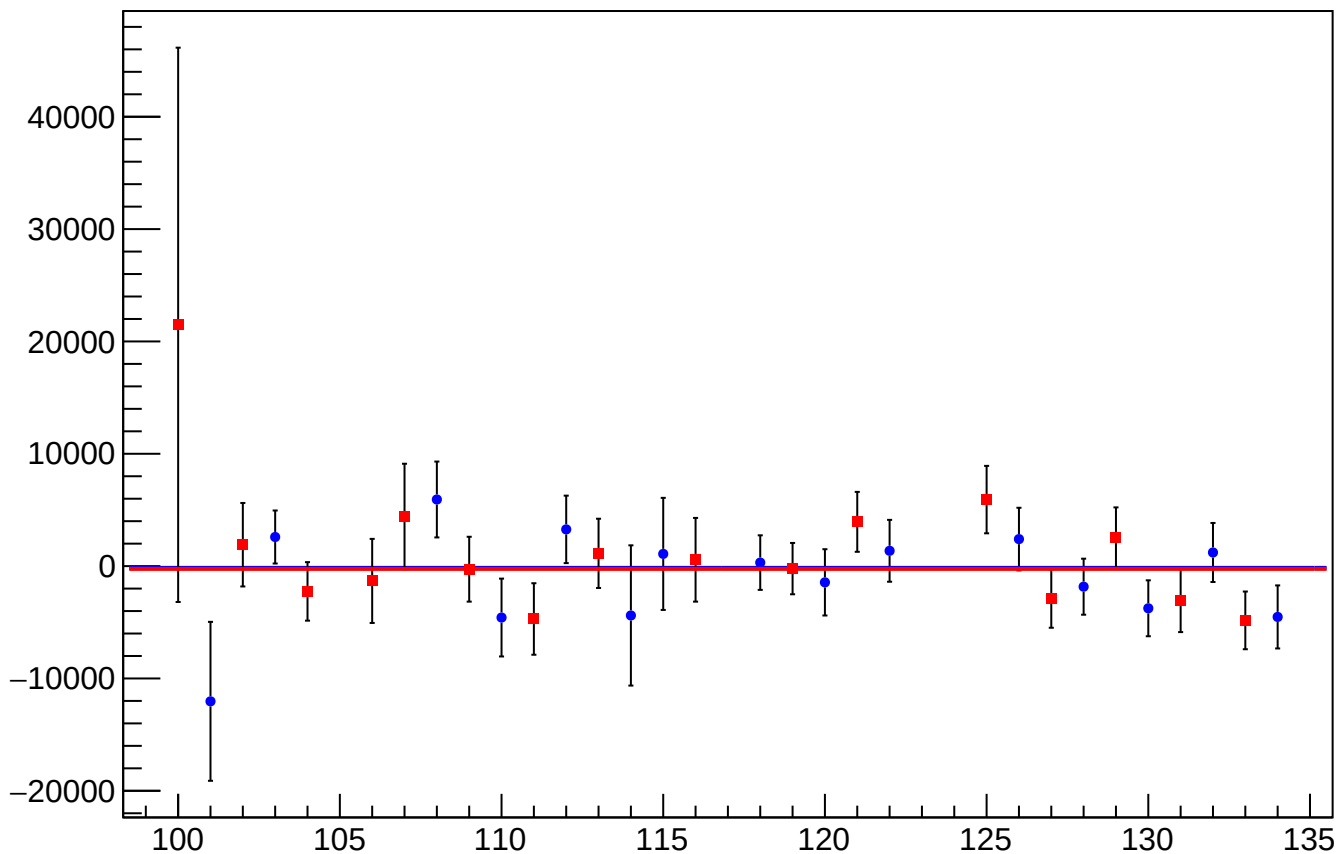
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3794477.9/30

- sign 0.000 $\pm$ 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: -247.250+/-758.263 χ^2/NDF : 17.9/15

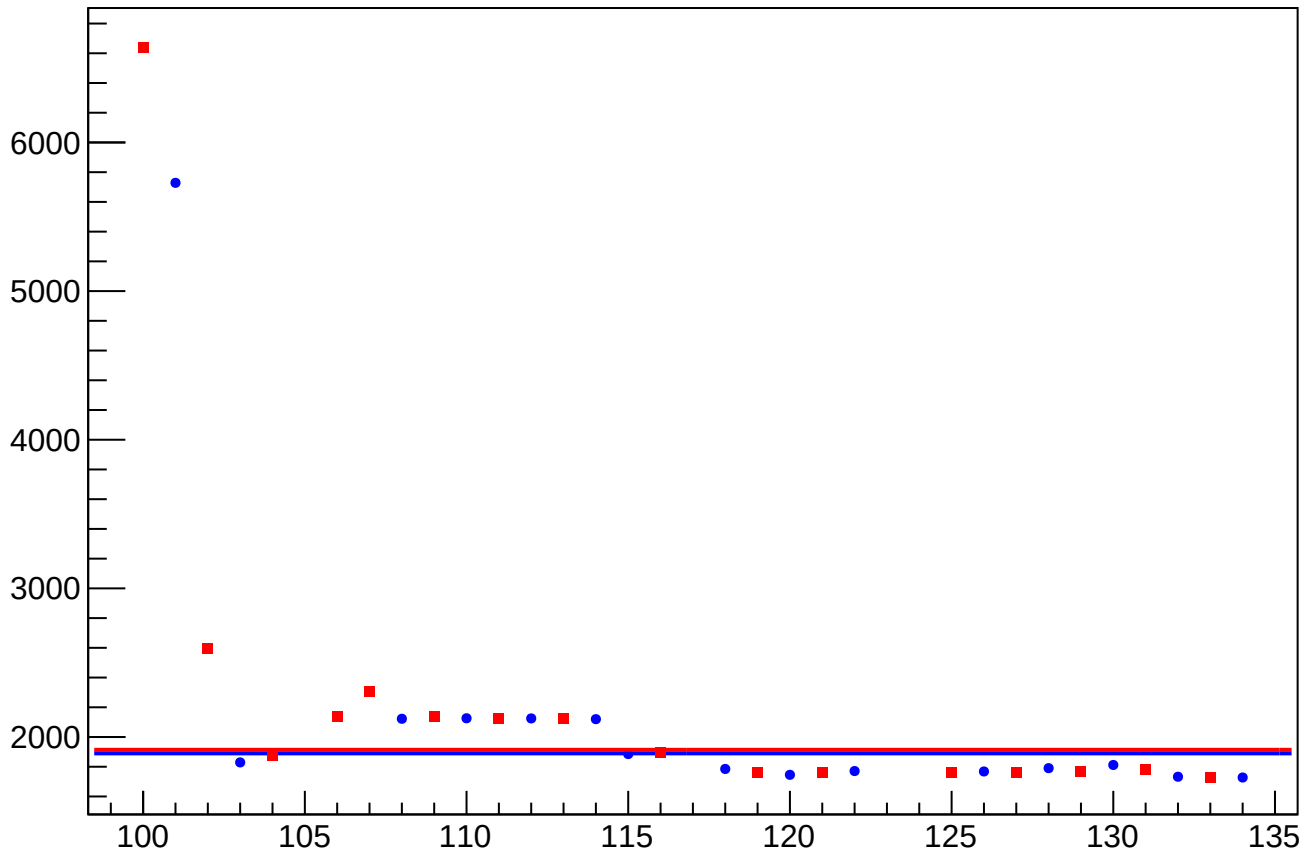
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -202.918+/-540.308 χ^2/NDF : 35.4/30

- 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 $\pm$ 0.545 χ^2 /NDF: 658999.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1913.883 $\pm$ 0.536 χ^2 /NDF: 240412.7/15

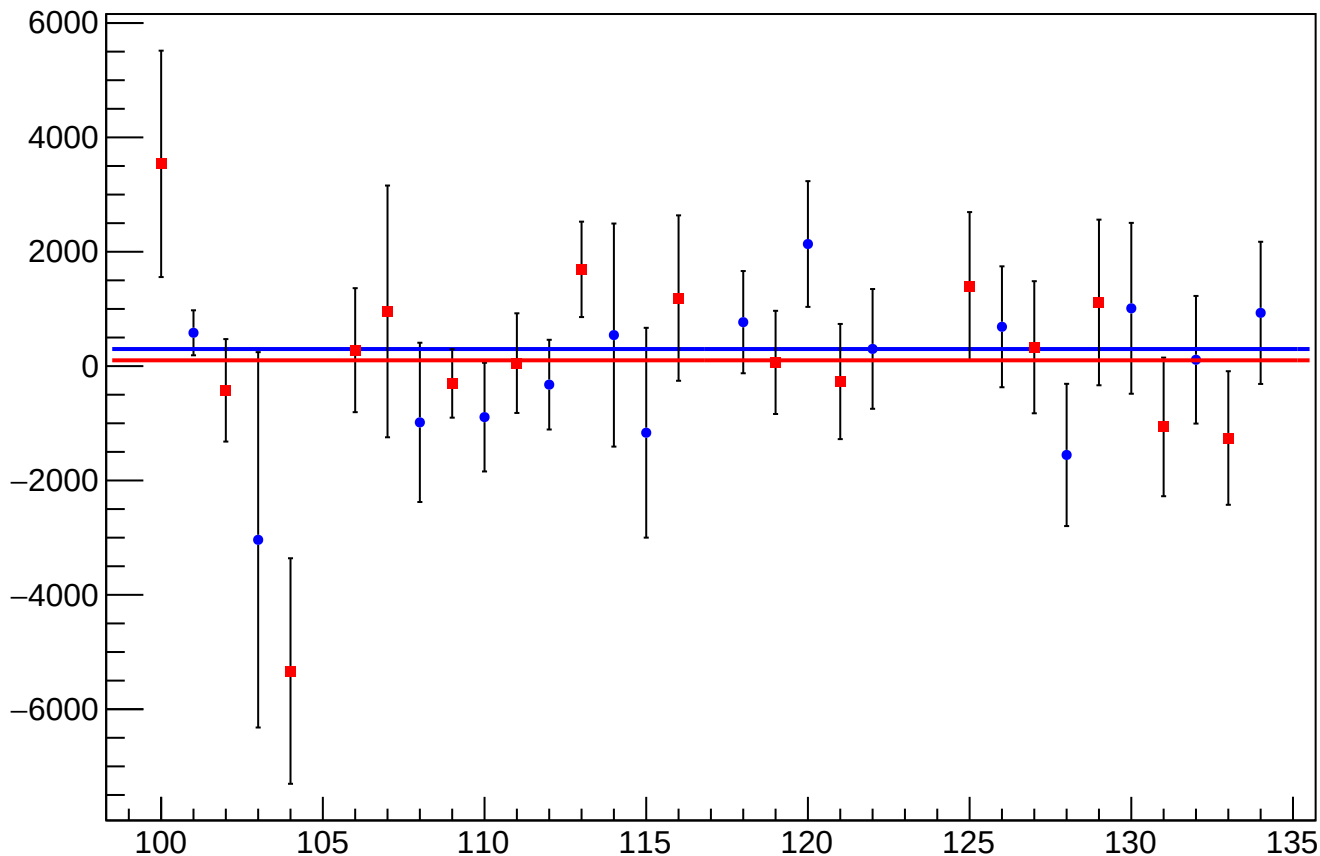
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1902.095 $\pm$ 0.382 χ^2 /NDF: 900393.9/30

- sign 0.000 $\pm$ 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: 101.320 $\pm$ 264.616 χ^2 /NDF: 19.7/15

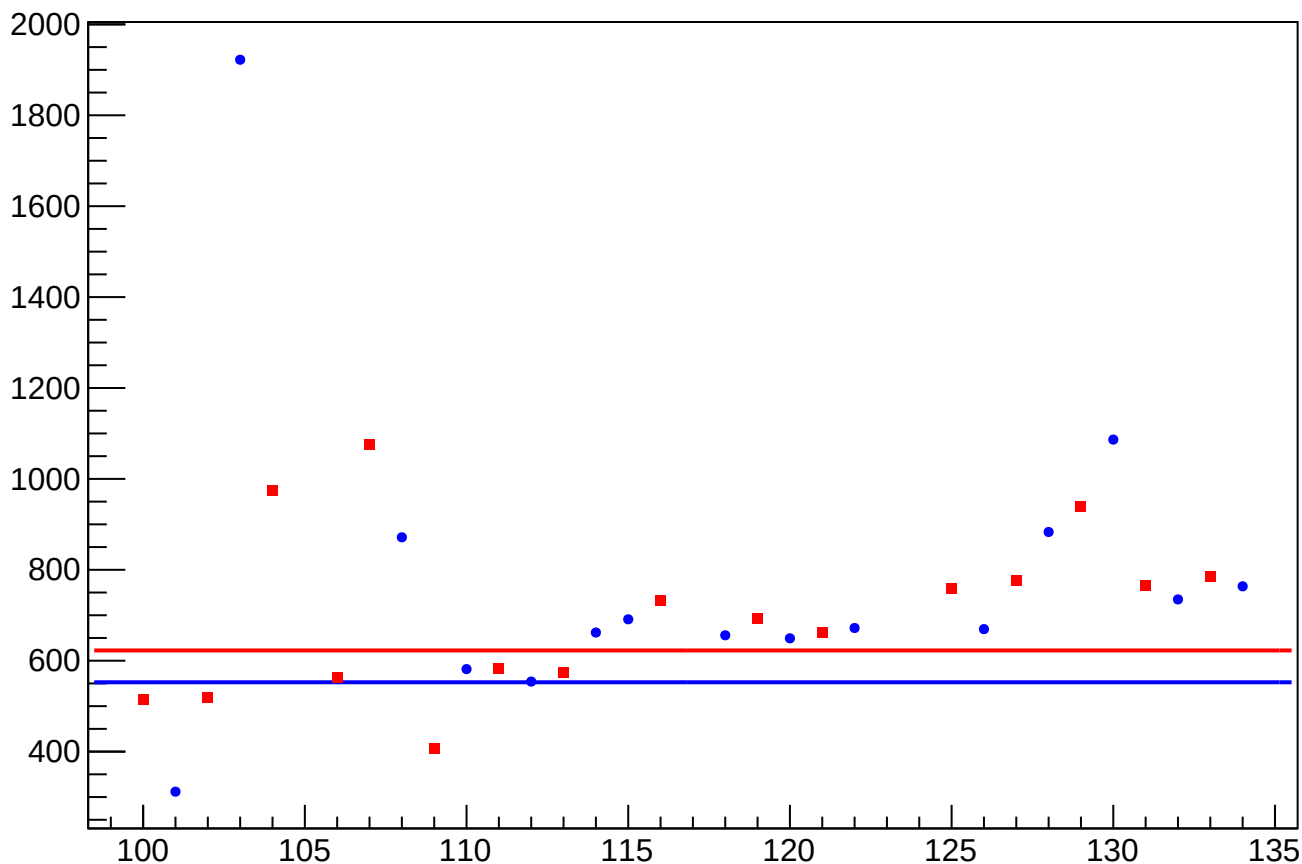
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 208.019 $\pm$ 179.405 χ^2 /NDF: 31.2/30

- 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: 622.556+/-0.187 χ^2/NDF : 703137.5/15

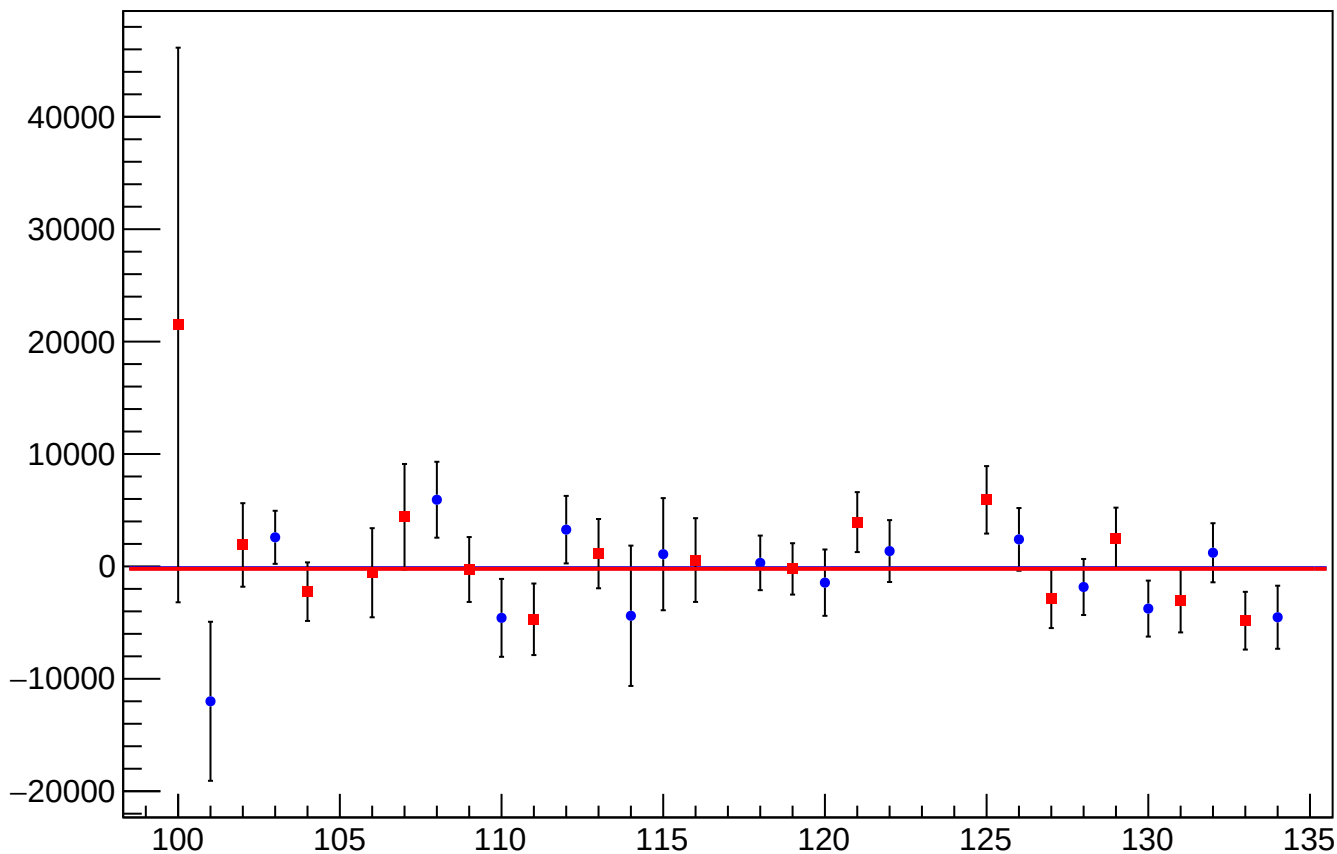
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 584.729+/-0.127 χ^2/NDF : 2600415.5/30

- 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: -214.466+/-759.964 χ^2/NDF : 17.8/15

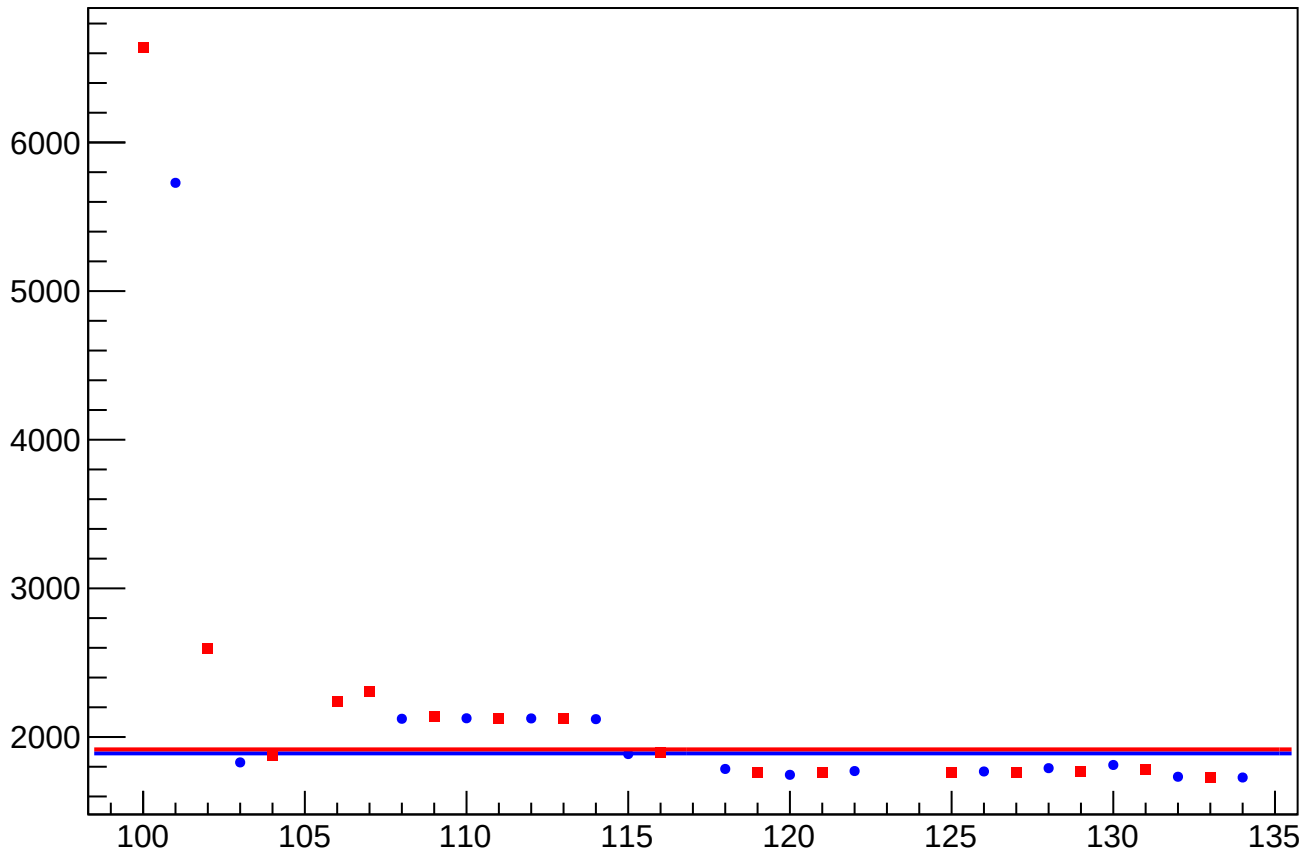
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -186.086+/-540.922 χ^2/NDF : 35.3/30

- 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 $\pm$ 0.545 χ^2 /NDF: 658999.3/14

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

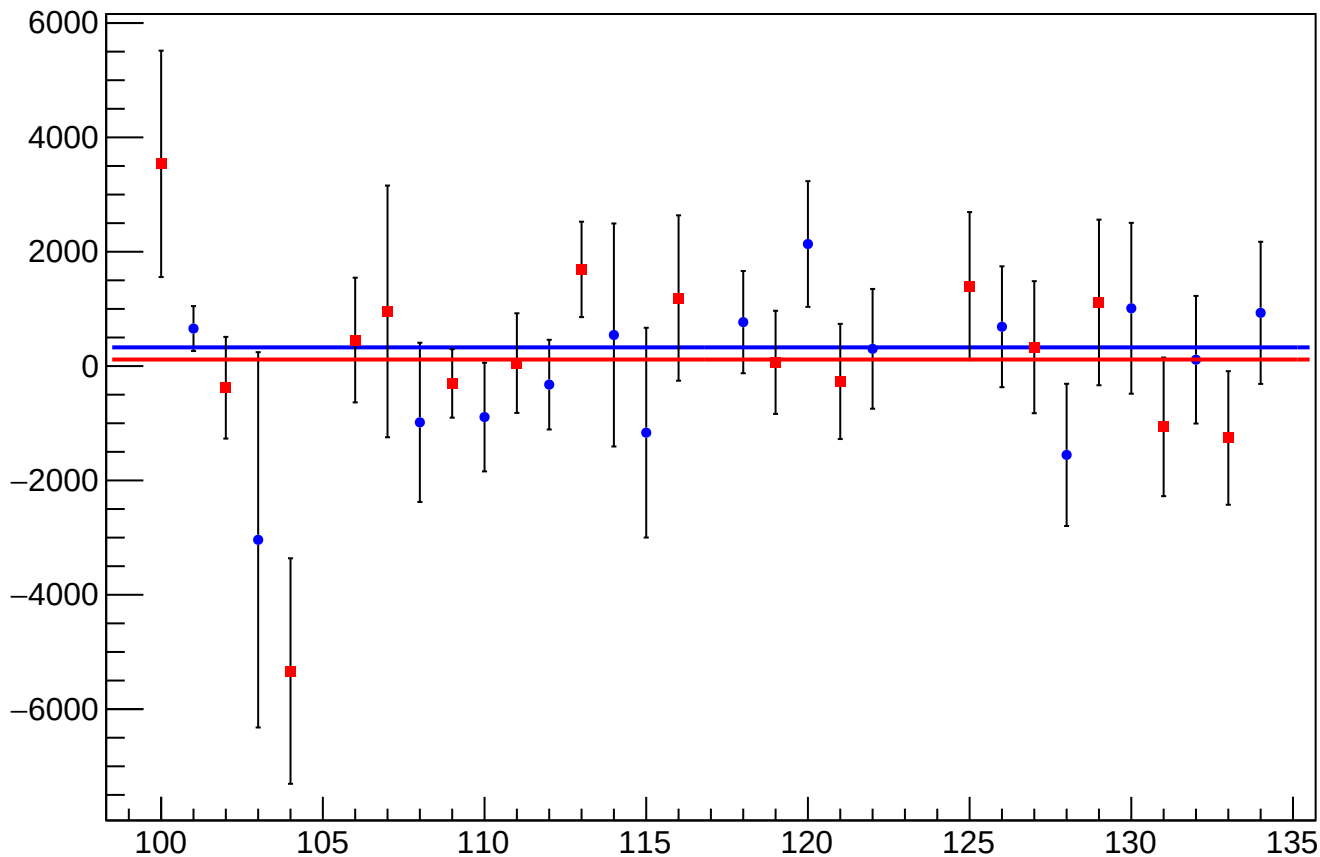
Right Out: 1916.745 $\pm$ 0.537 χ^2 /NDF: 246972.4/15

All: 1903.518 $\pm$ 0.382 χ^2 /NDF: 907199.6/30

- 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_dd_cor_correction_mean vs Slug



Right In: 327.421 $\pm$ 243.956 χ^2 /NDF: 11.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 114.724 $\pm$ 264.537 χ^2 /NDF: 19.8/15

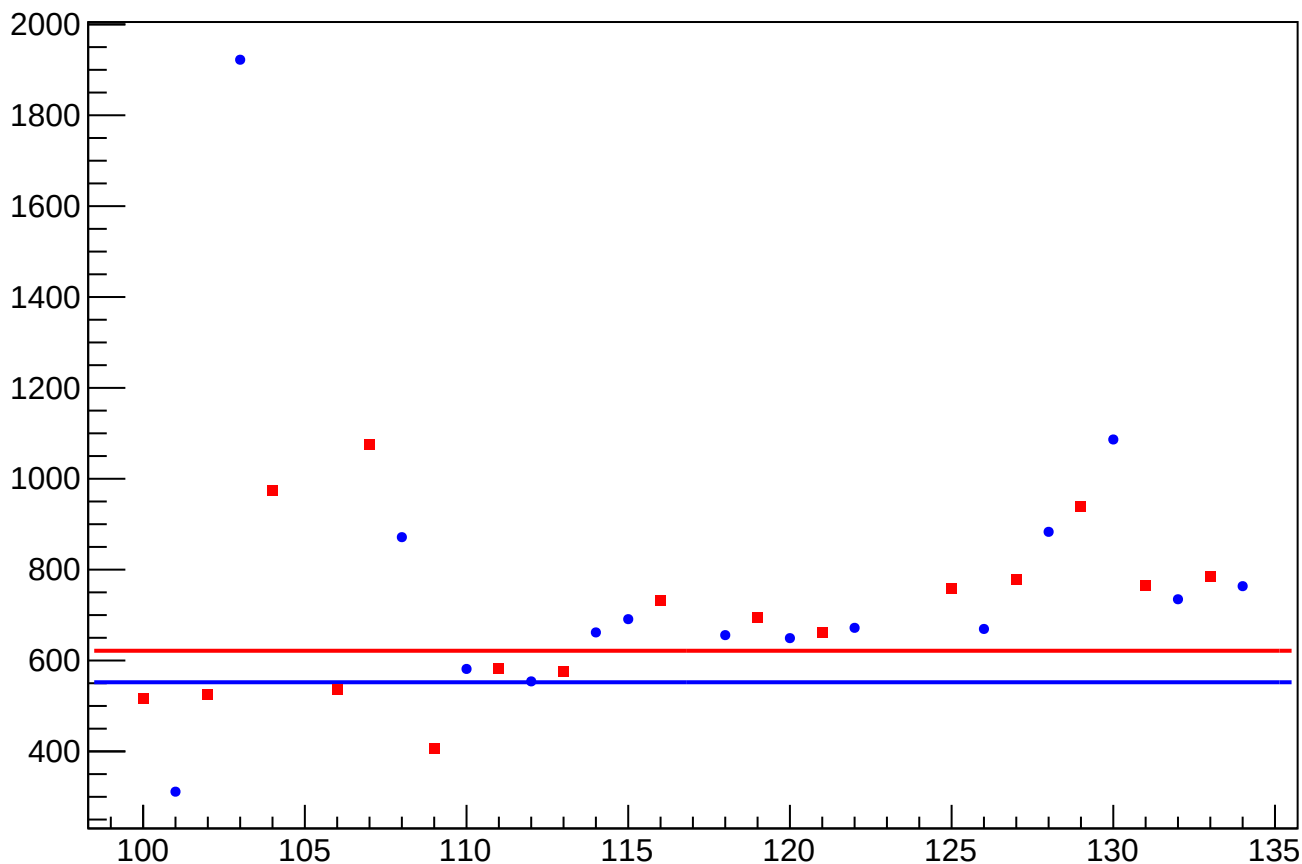
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 229.667 $\pm$ 179.338 χ^2 /NDF: 31.6/30

- sign 0.000 $\pm$ 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: 621.472+/-0.187 χ^2/NDF : 706508.8/15

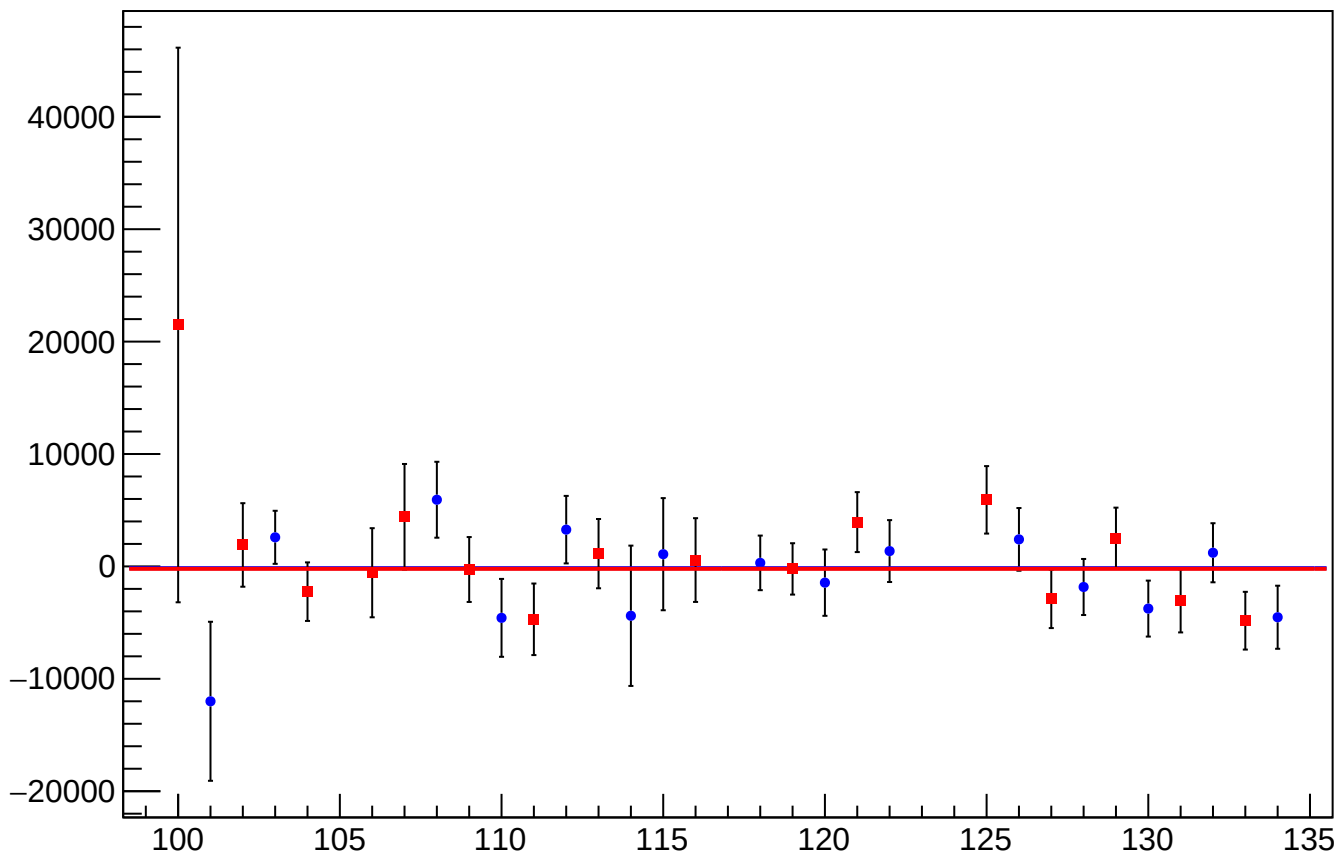
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 584.008+/-0.127 χ^2/NDF : 2607066.5/30

- 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: -214.466+/-759.964 χ^2/NDF : 17.8/15

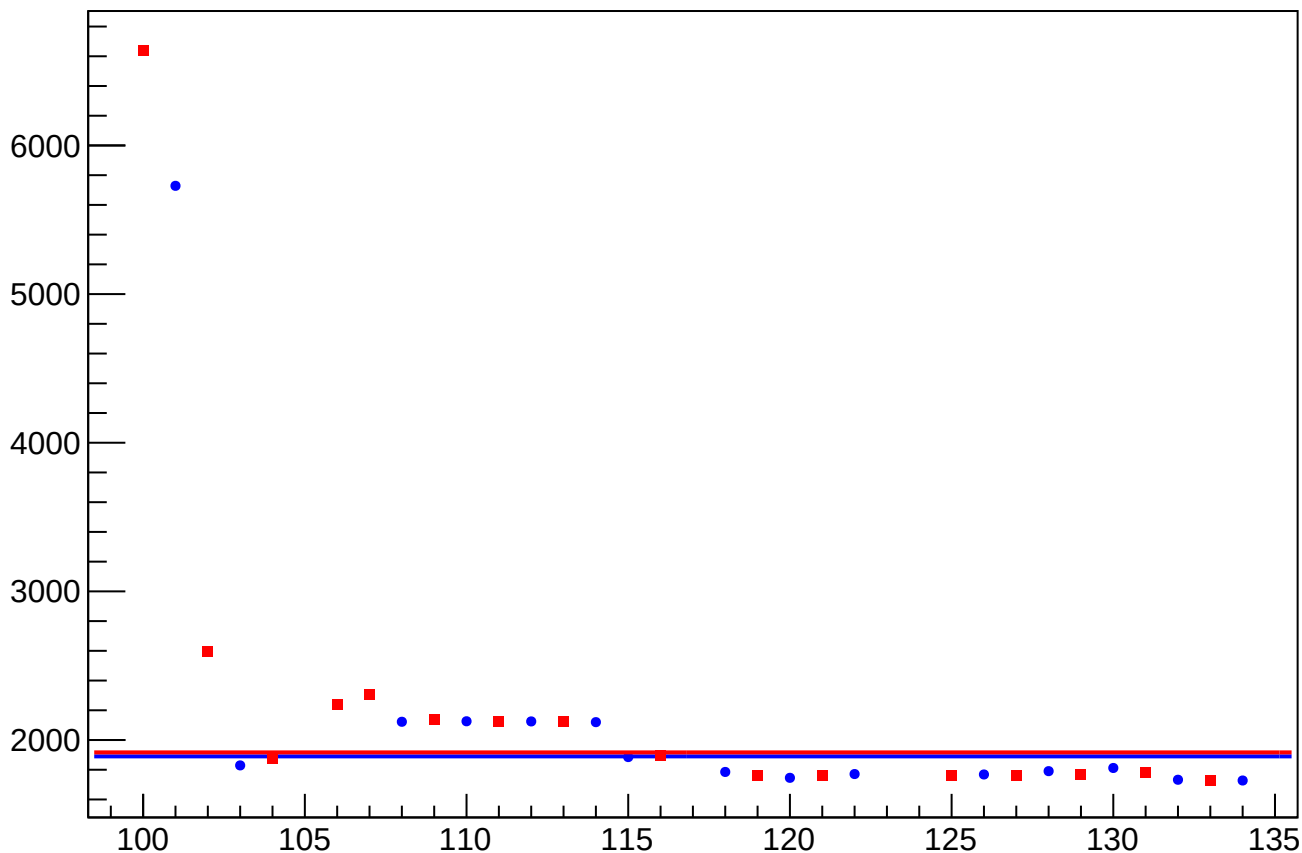
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -186.086+/-540.922 χ^2/NDF : 35.3/30

- 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: 1916.745 $\pm$ 0.537 χ^2 /NDF: 246972.4/15

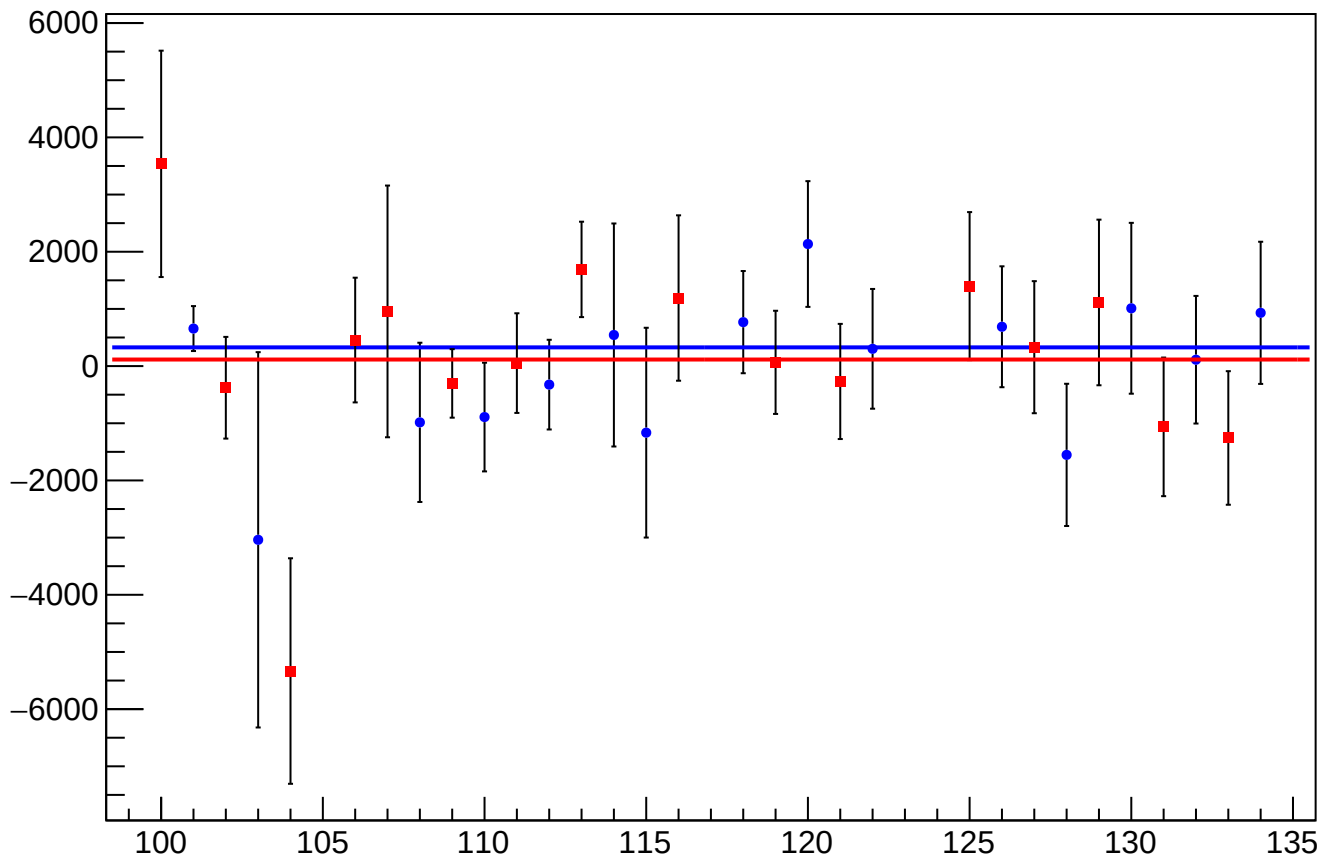
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1903.518 $\pm$ 0.382 χ^2 /NDF: 907199.6/30

- 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: 114.724+/-264.537 χ^2/NDF : 19.8/15

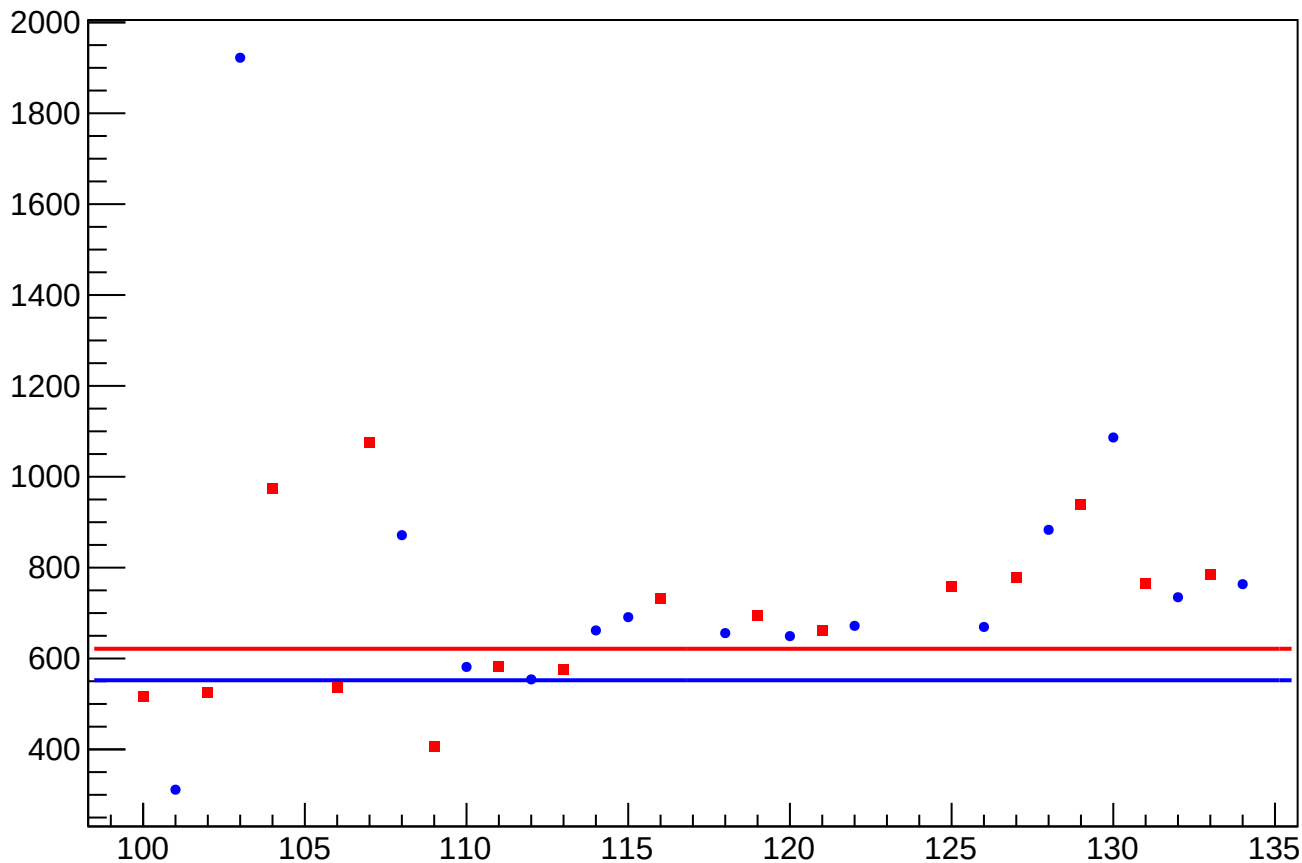
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.667+/-179.338 χ^2/NDF : 31.6/30

- 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: 621.472+/-0.187 χ^2/NDF : 706508.8/15

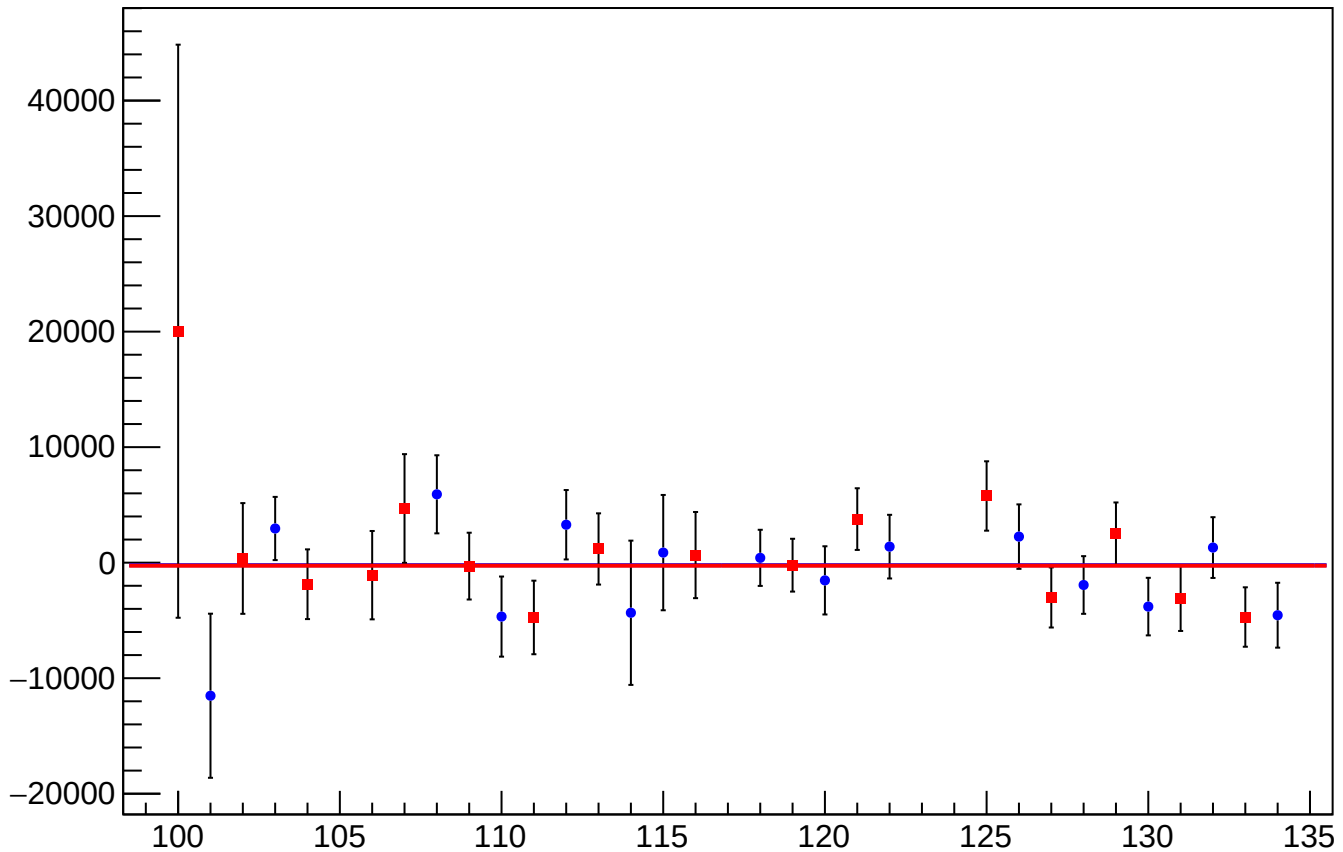
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 584.008+/-0.127 χ^2/NDF : 2607066.5/30

- 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: -260.967+/-774.480 χ^2/NDF : 16.9/15

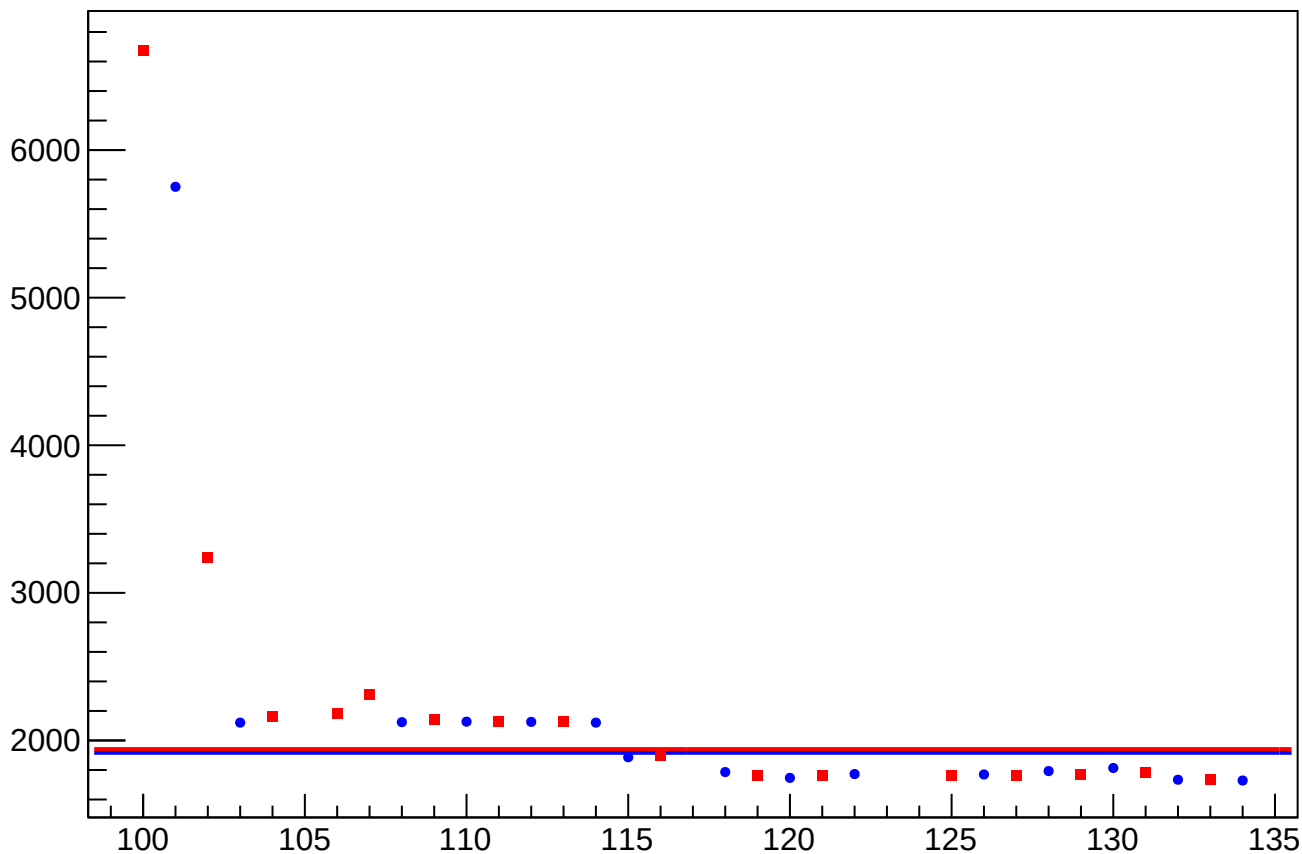
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -240.203+/-550.046 χ^2/NDF : 34.2/30

- 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: 1941.629 $\pm$ 0.548 χ^2 /NDF: 338640.9/15

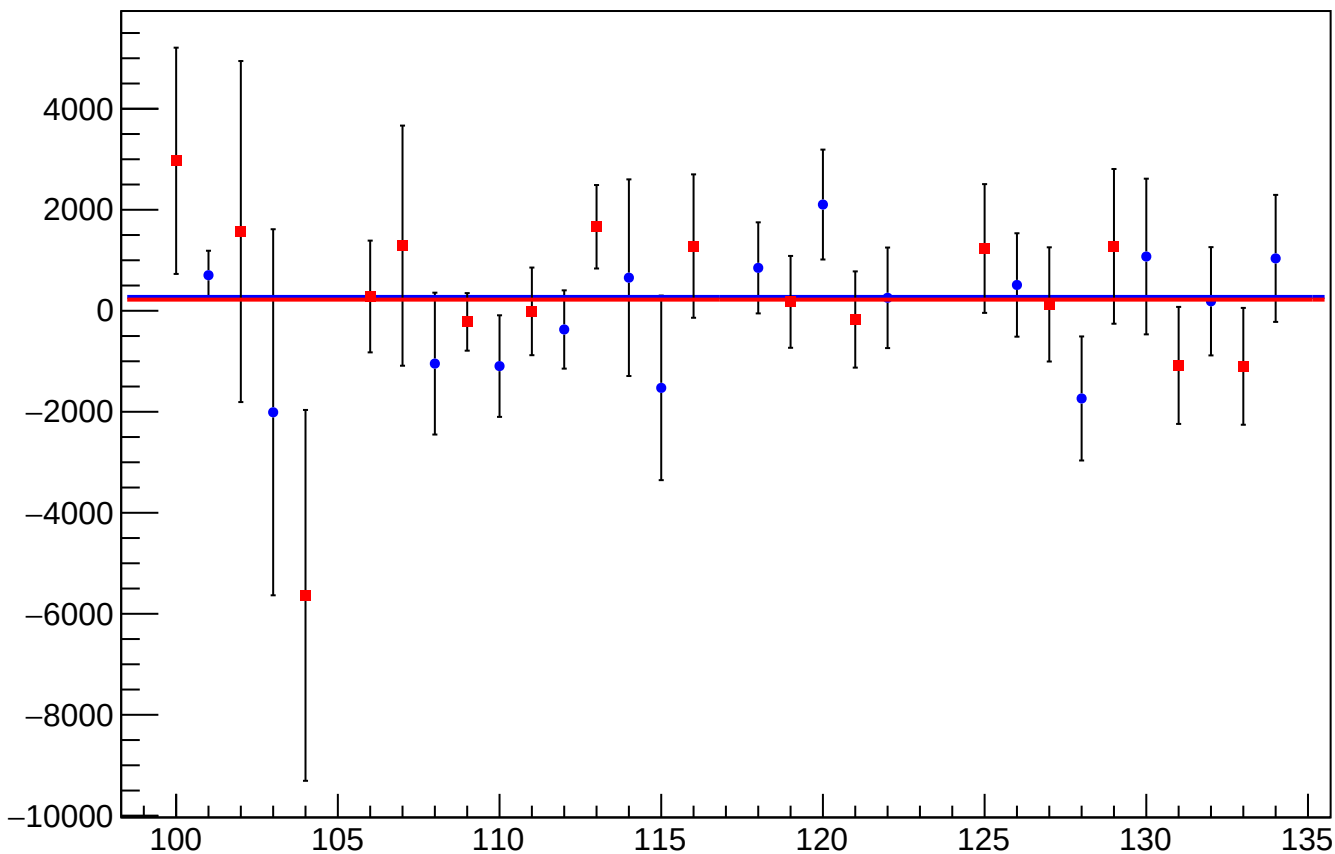
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1929.194 $\pm$ 0.389 χ^2 /NDF: 1010978.1/30

- 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+/-260.927 χ^2/NDF : 12.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 220.646+/-273.721 χ^2/NDF : 12.5/15

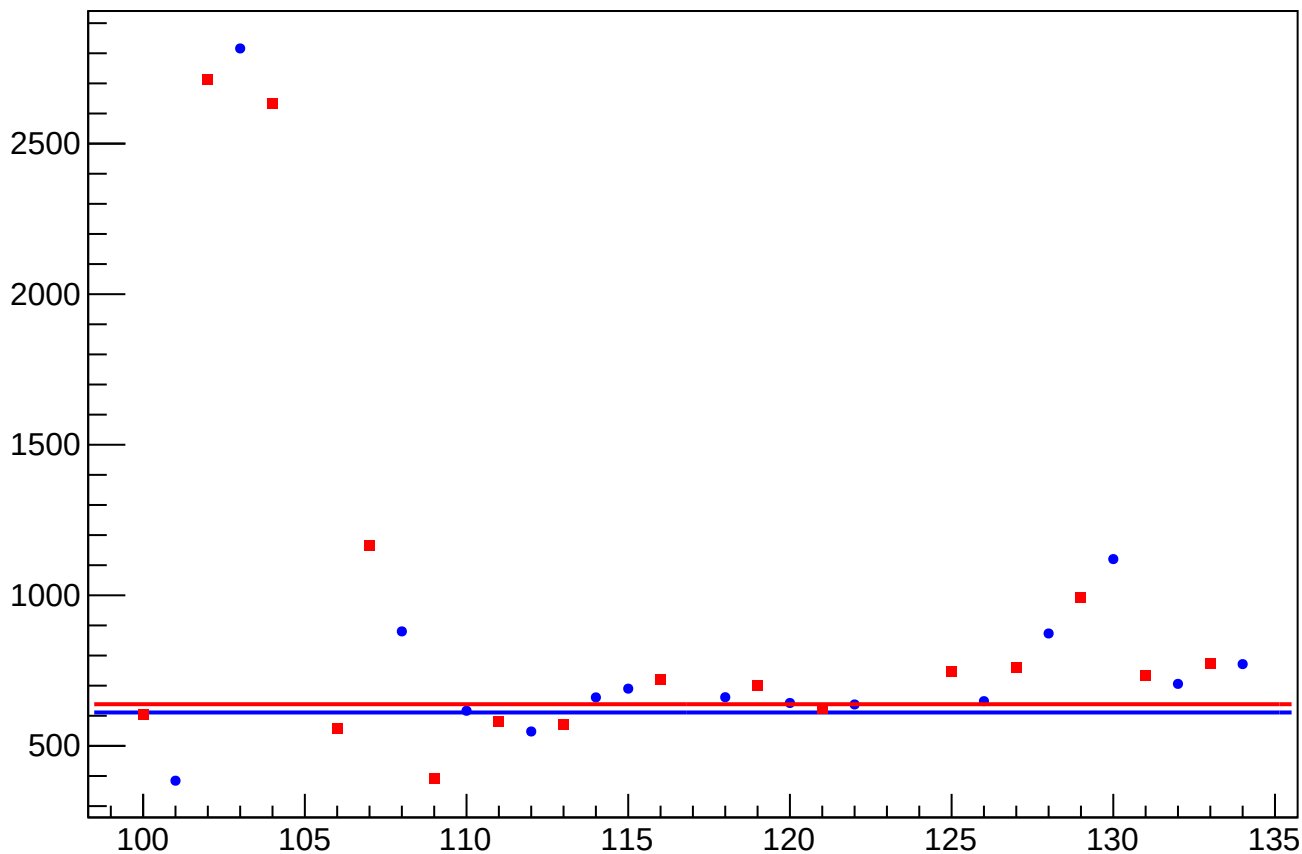
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 248.677+/-188.864 χ^2/NDF : 24.8/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_dit_correction_rms vs Slug



Right In: 610.929 $\pm$ 0.185 χ^2 /NDF: 1640175.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 638.345 $\pm$ 0.194 χ^2 /NDF: 2057276.5/15

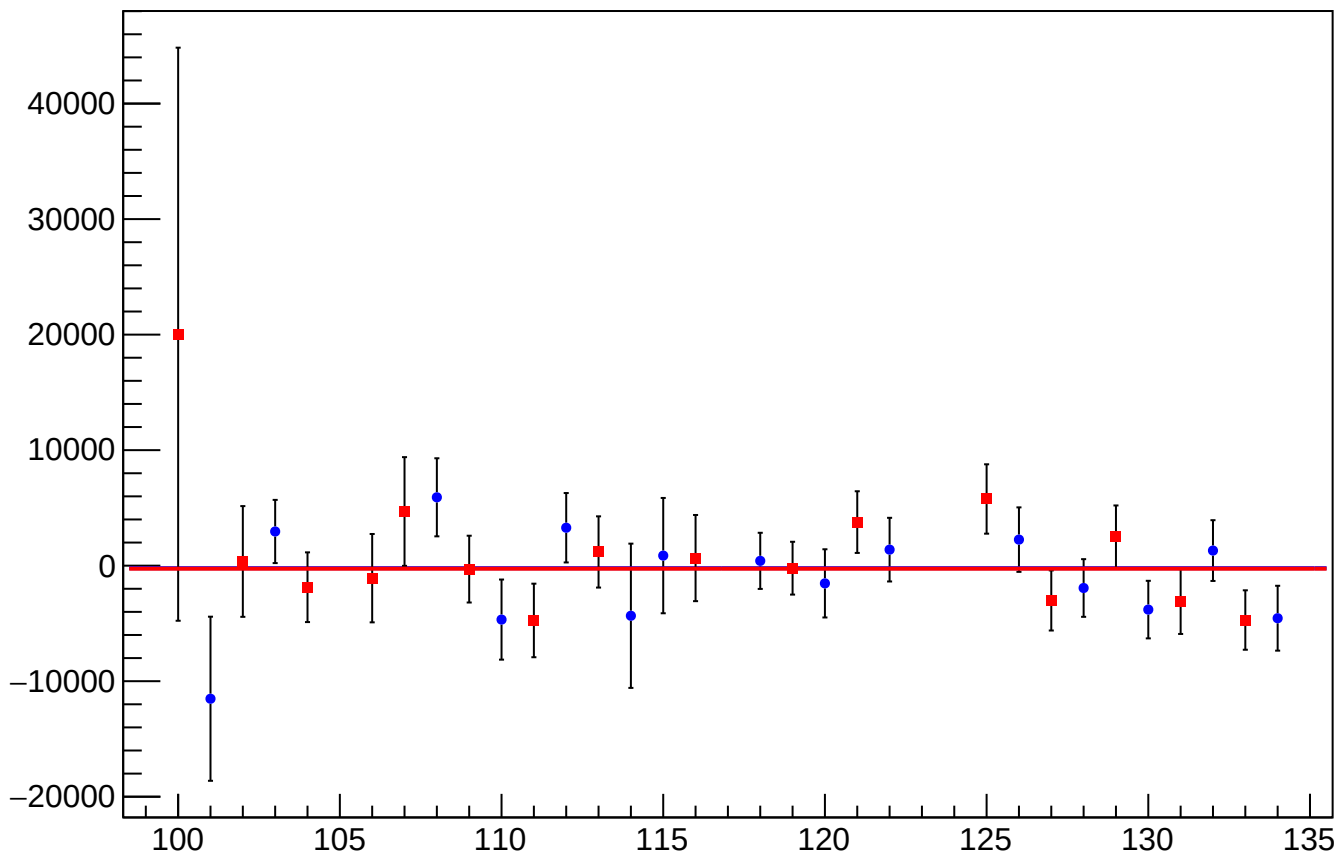
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 623.981 $\pm$ 0.134 χ^2 /NDF: 3707964.4/30

- sign 0.000 $\pm$ 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: -260.968+/-774.480 χ^2 /NDF: 16.9/15

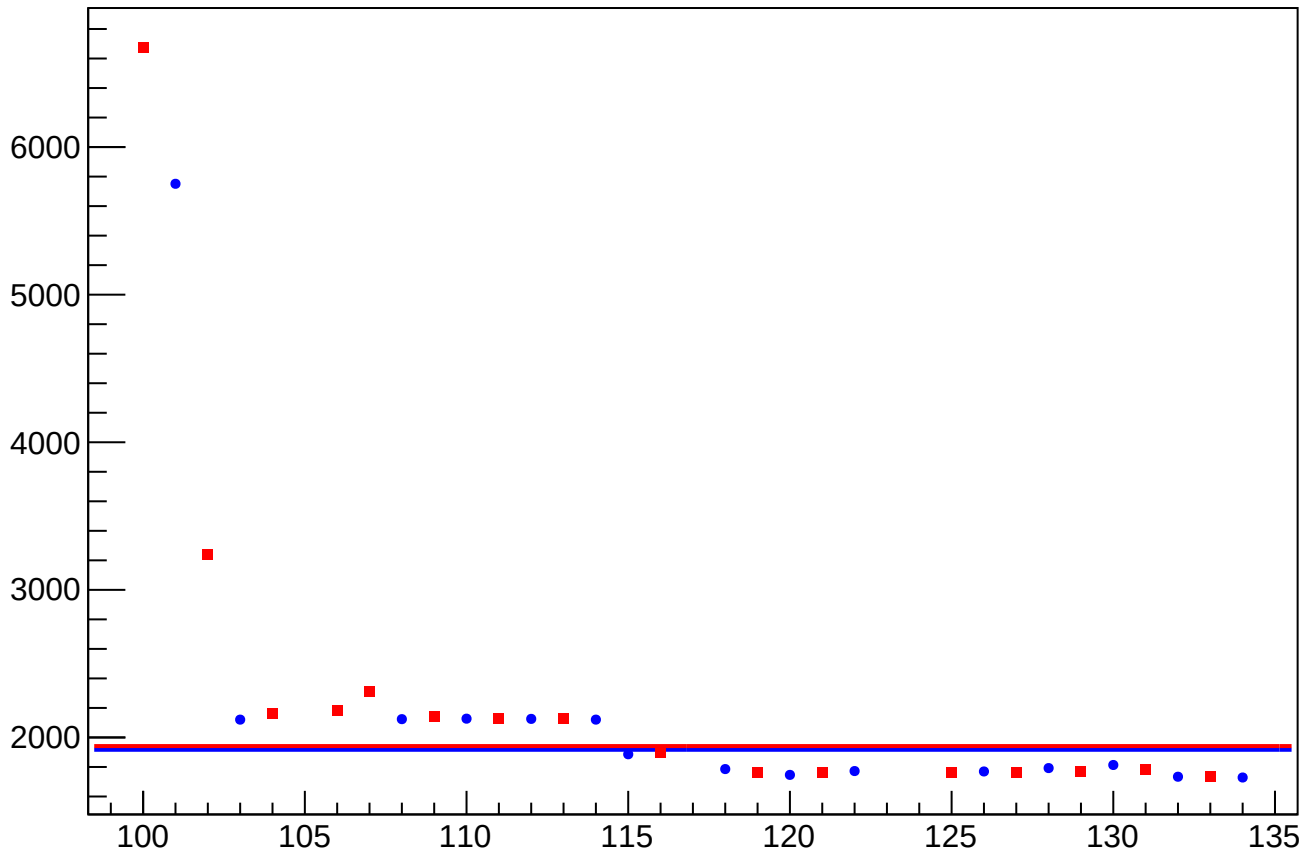
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -240.202+/-550.046 χ^2 /NDF: 34.2/30

- 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: 1941.629+/-0.548 χ^2/NDF : 338640.2/15

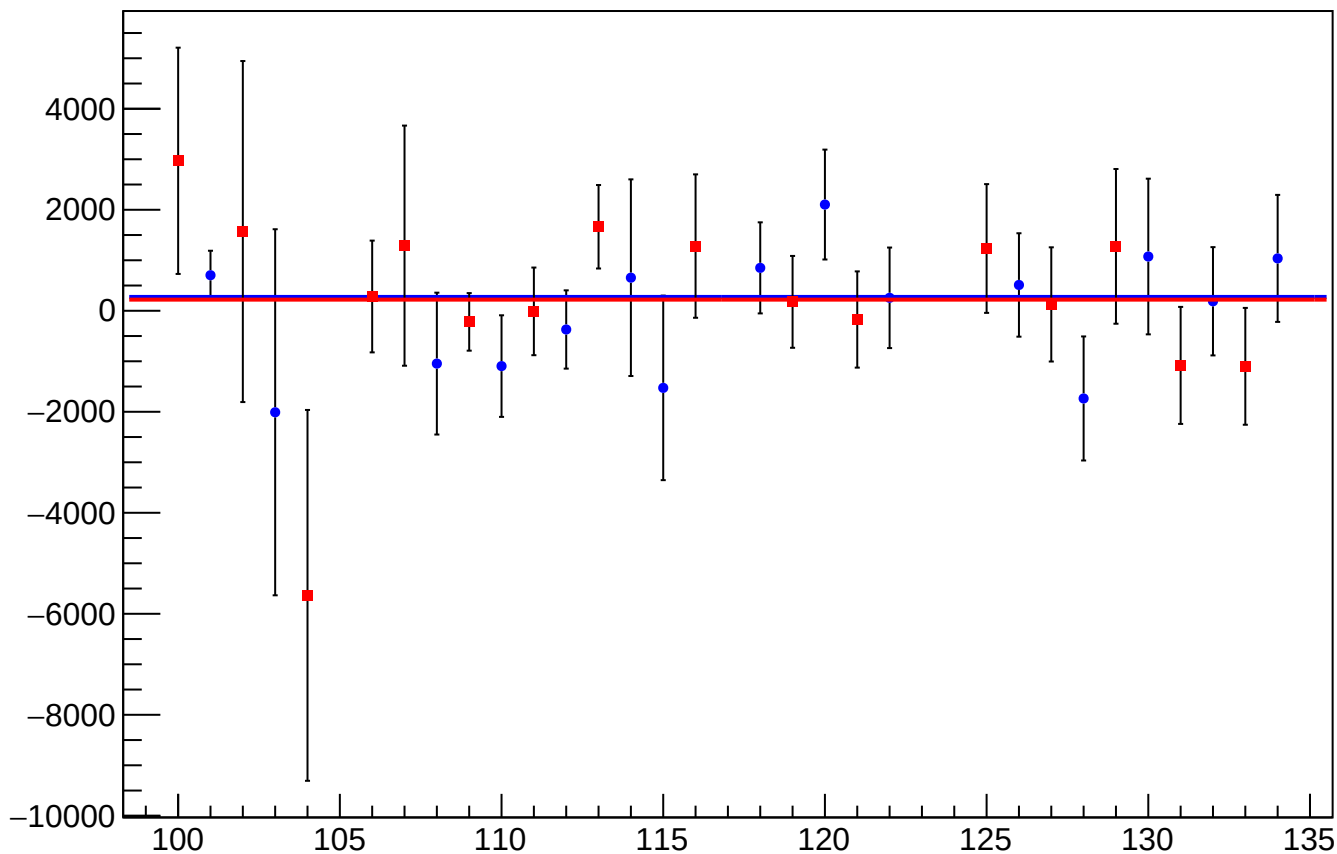
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1929.194+/-0.389 χ^2/NDF : 1010977.1/30

- 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: 220.643 $\pm$ 273.720 χ^2 /NDF: 12.5/15

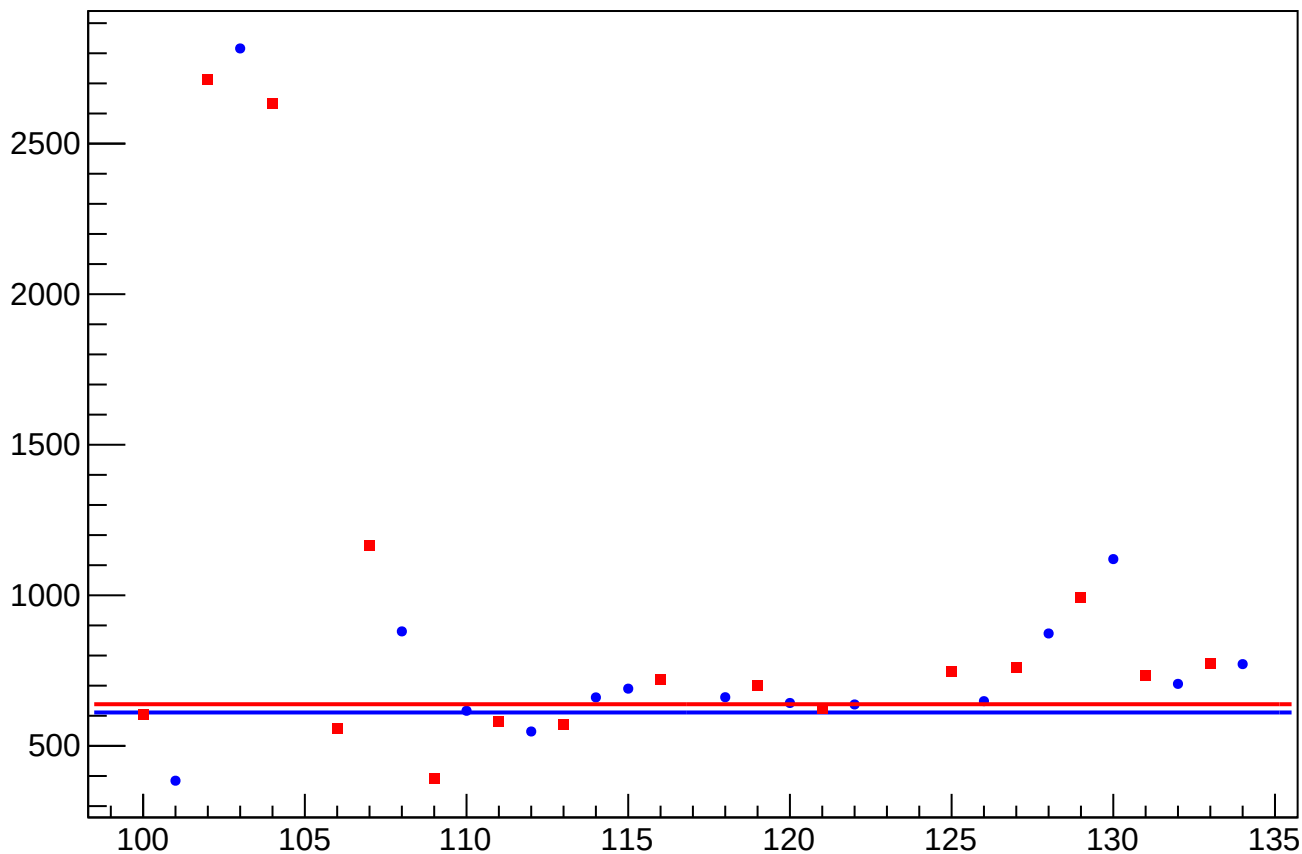
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 248.675 $\pm$ 188.864 χ^2 /NDF: 24.8/30

- 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: 638.341+/-0.194 χ^2/NDF : 2057294.7/15

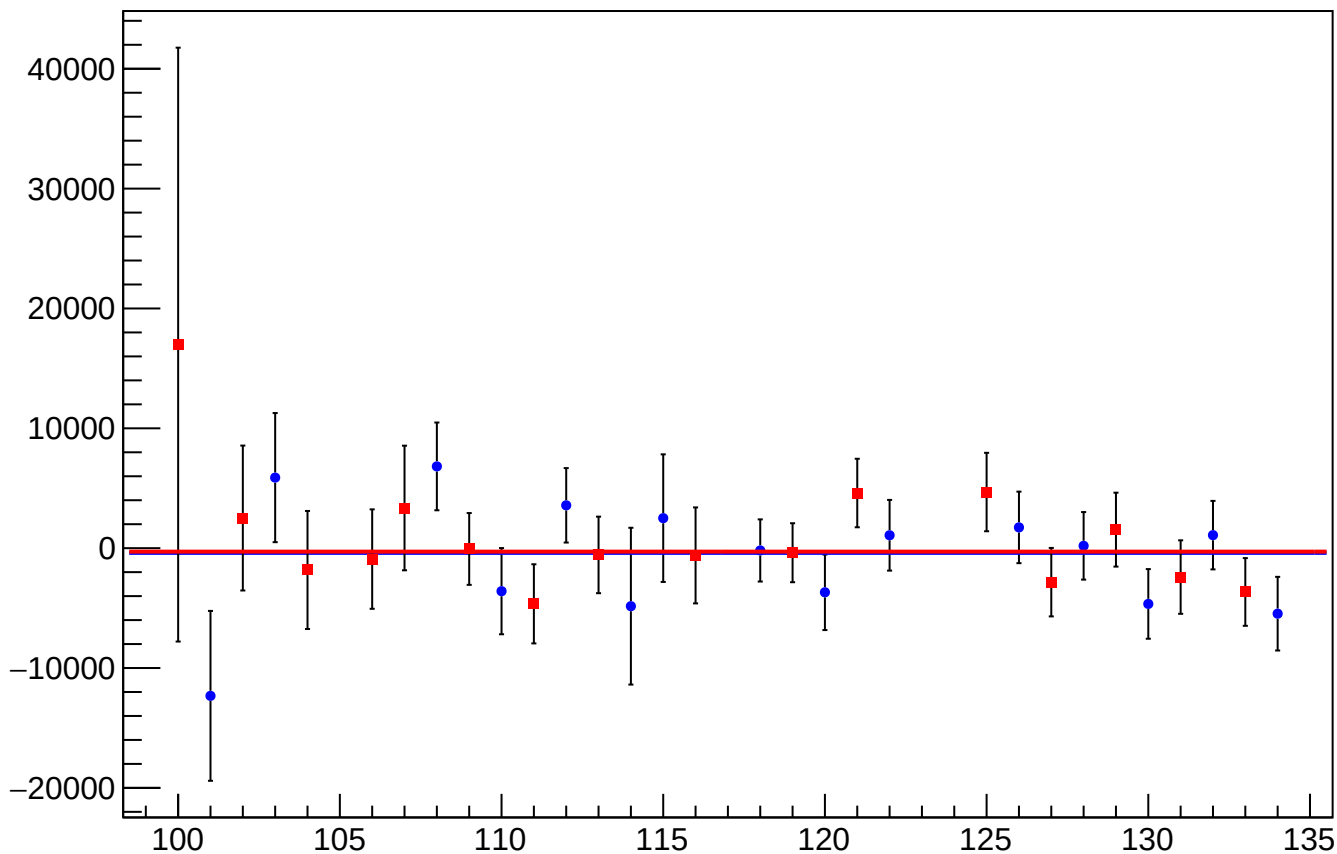
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 623.978+/-0.134 χ^2/NDF : 3707968.6/30

- 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: -288.467 ± 854.638 χ^2/NDF : 11.4/15

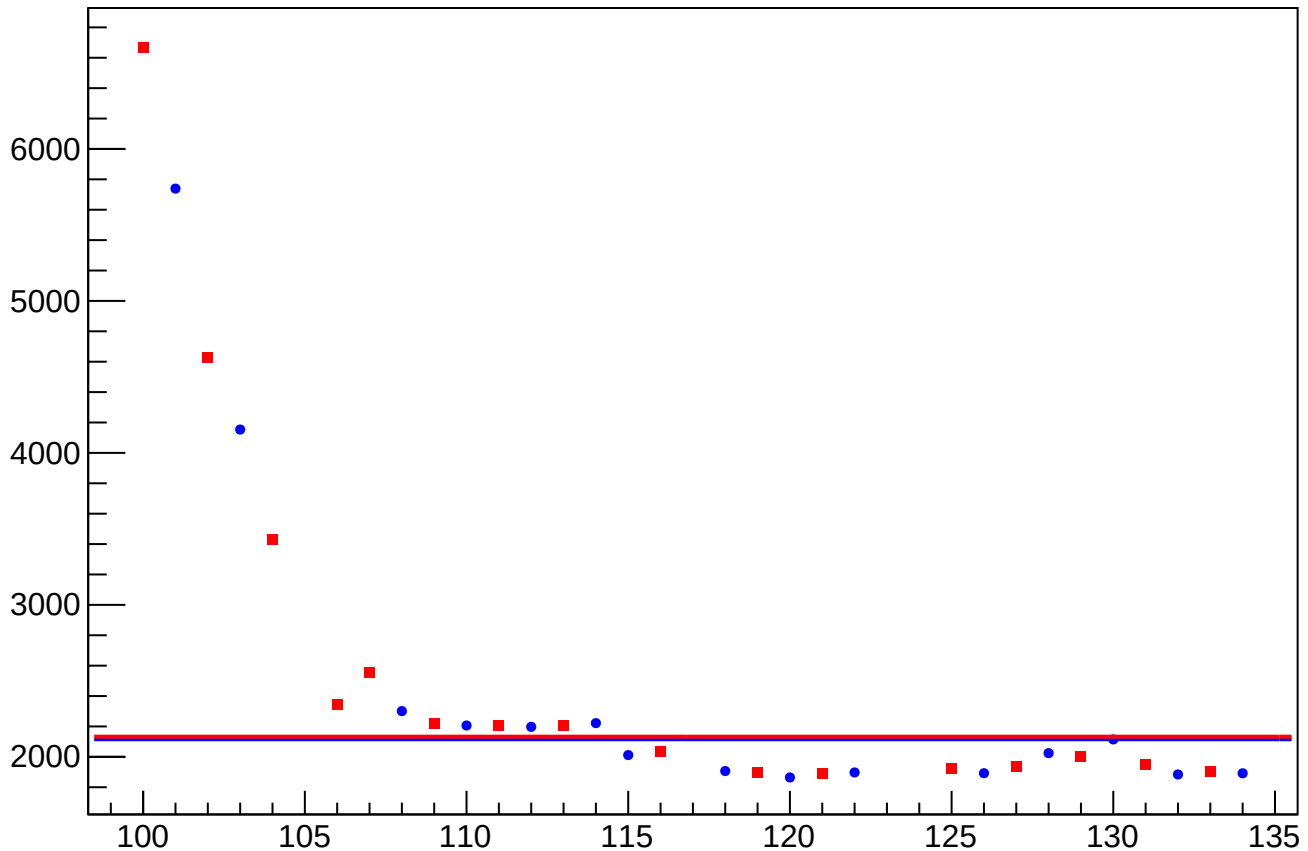
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -339.545 ± 610.028 χ^2/NDF : 29.7/30

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 2115.785 $\pm$ 0.616 χ^2 /NDF: 891836.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2132.688 $\pm$ 0.604 χ^2 /NDF: 643896.9/15

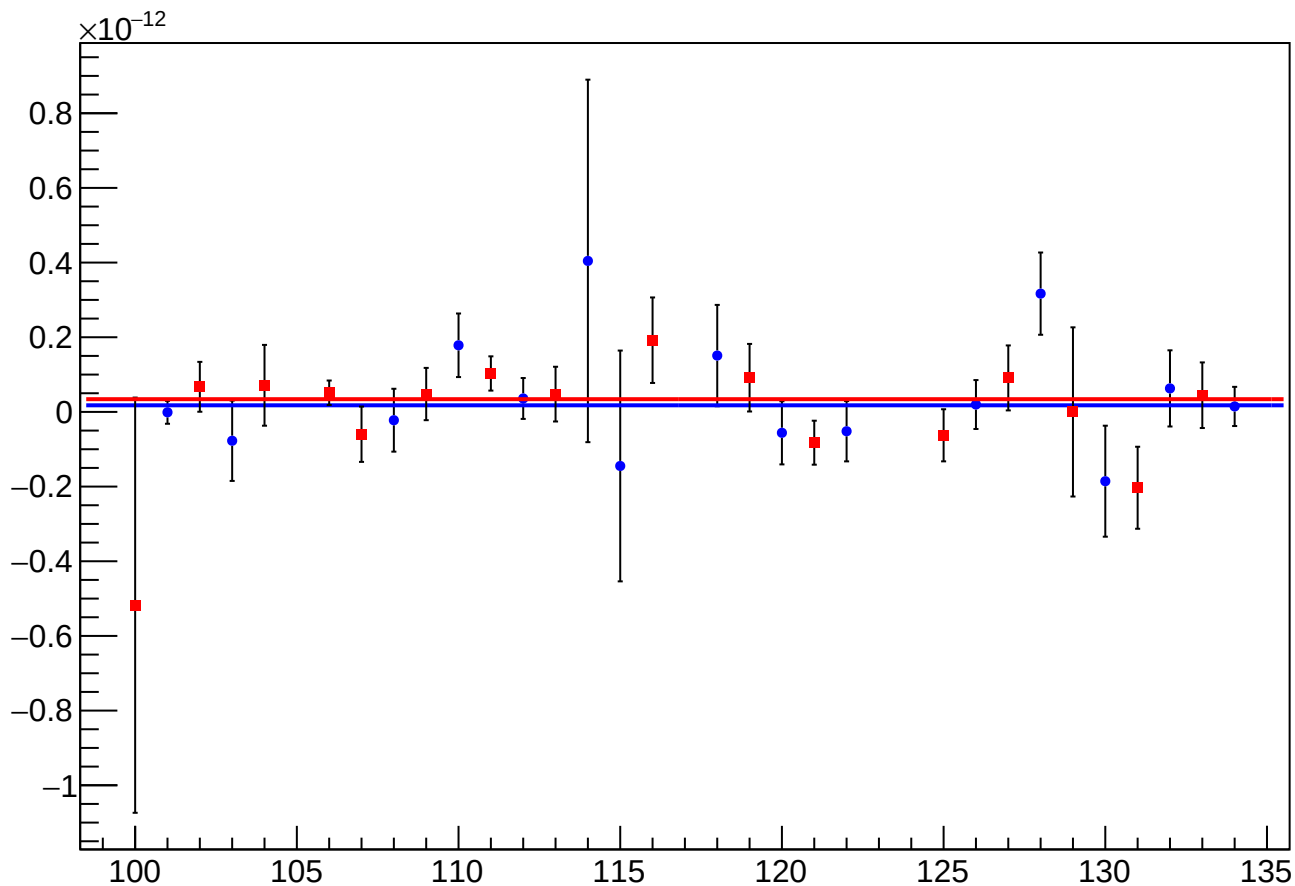
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2124.397 $\pm$ 0.431 χ^2 /NDF: 1536116.9/30

- sign 0.000 $\pm$ 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 : 18.8/15

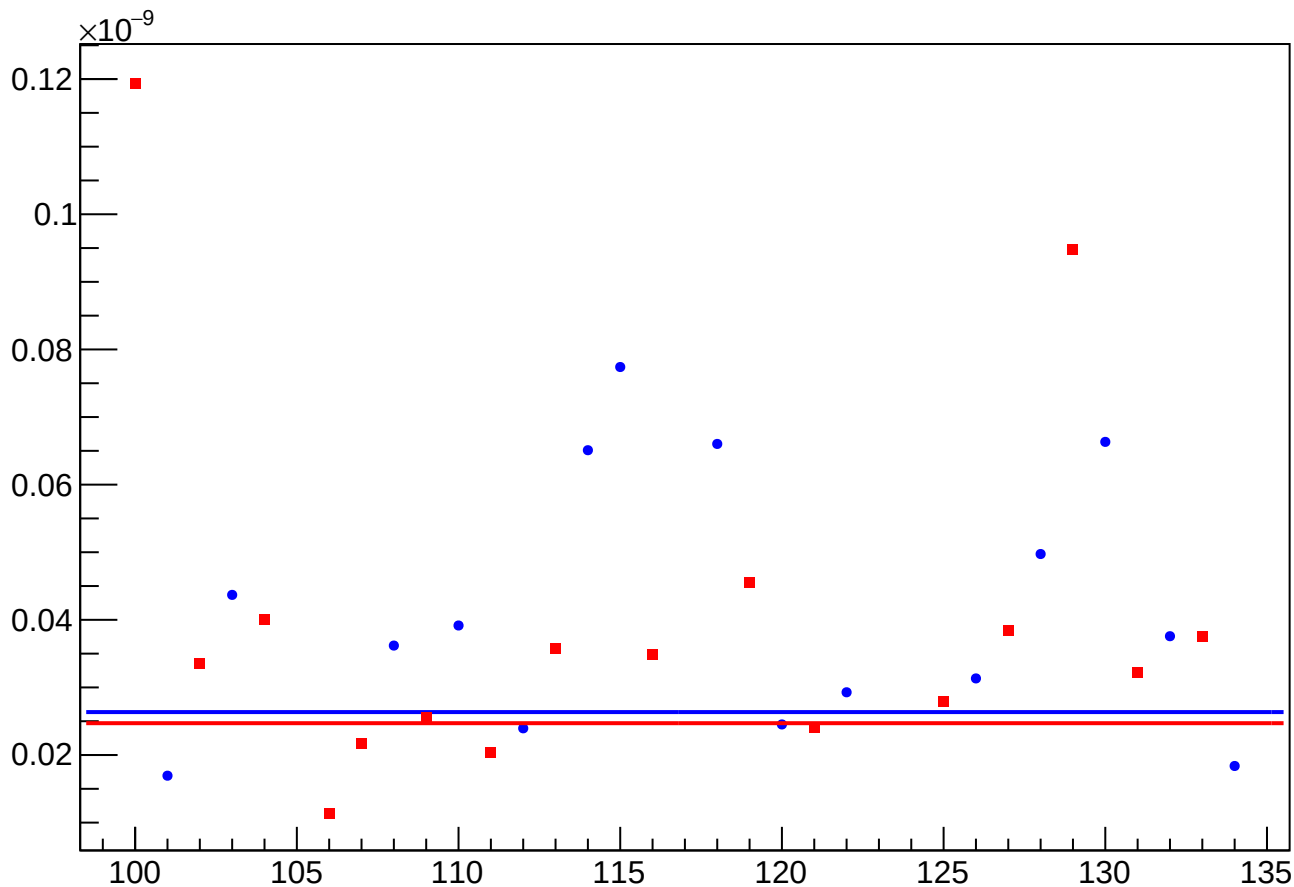
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 37.1/30

- 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+/-0.000 χ^2/NDF : 874643.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 952146.7/15

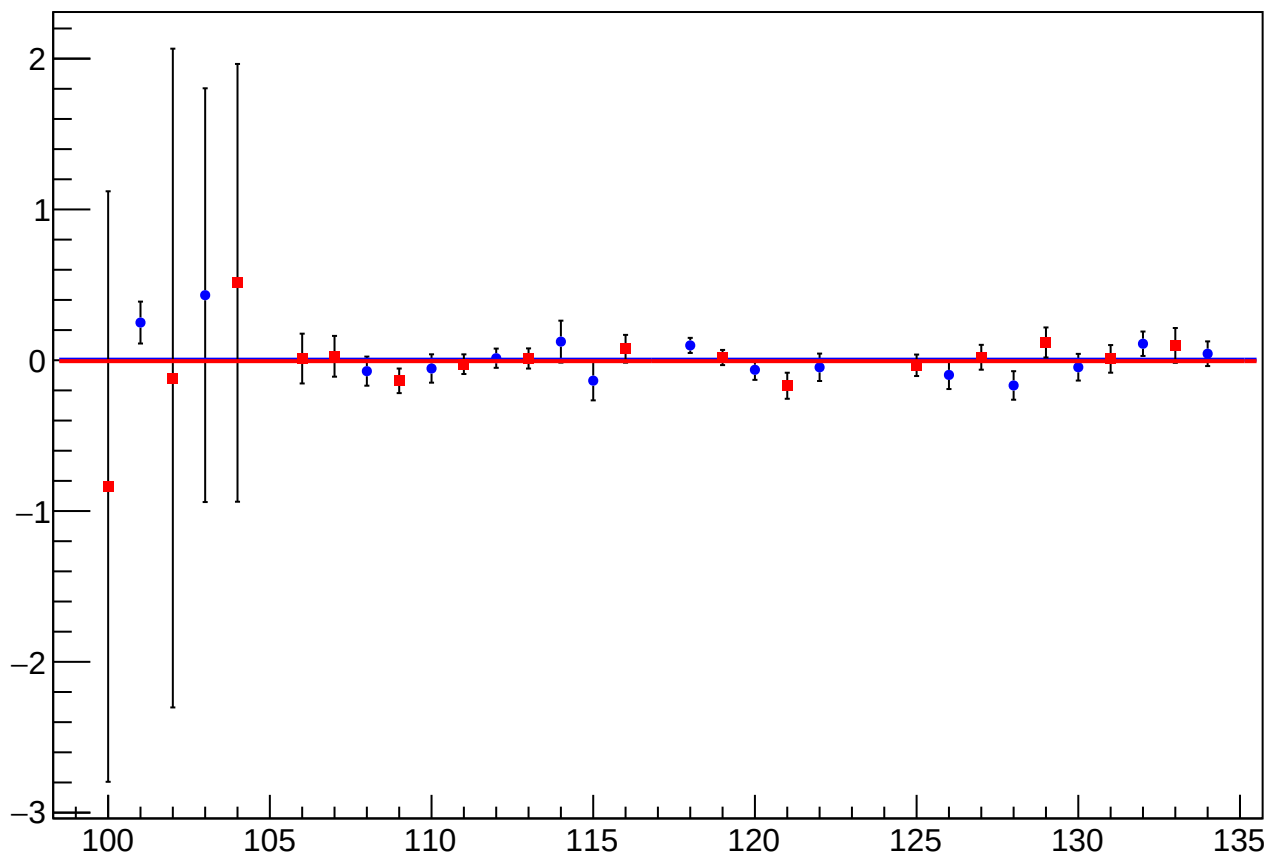
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1835239.2/30

- sign 0.000+/-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: -0.006 $\pm$ 0.022 χ^2 /NDF: 10.3/15

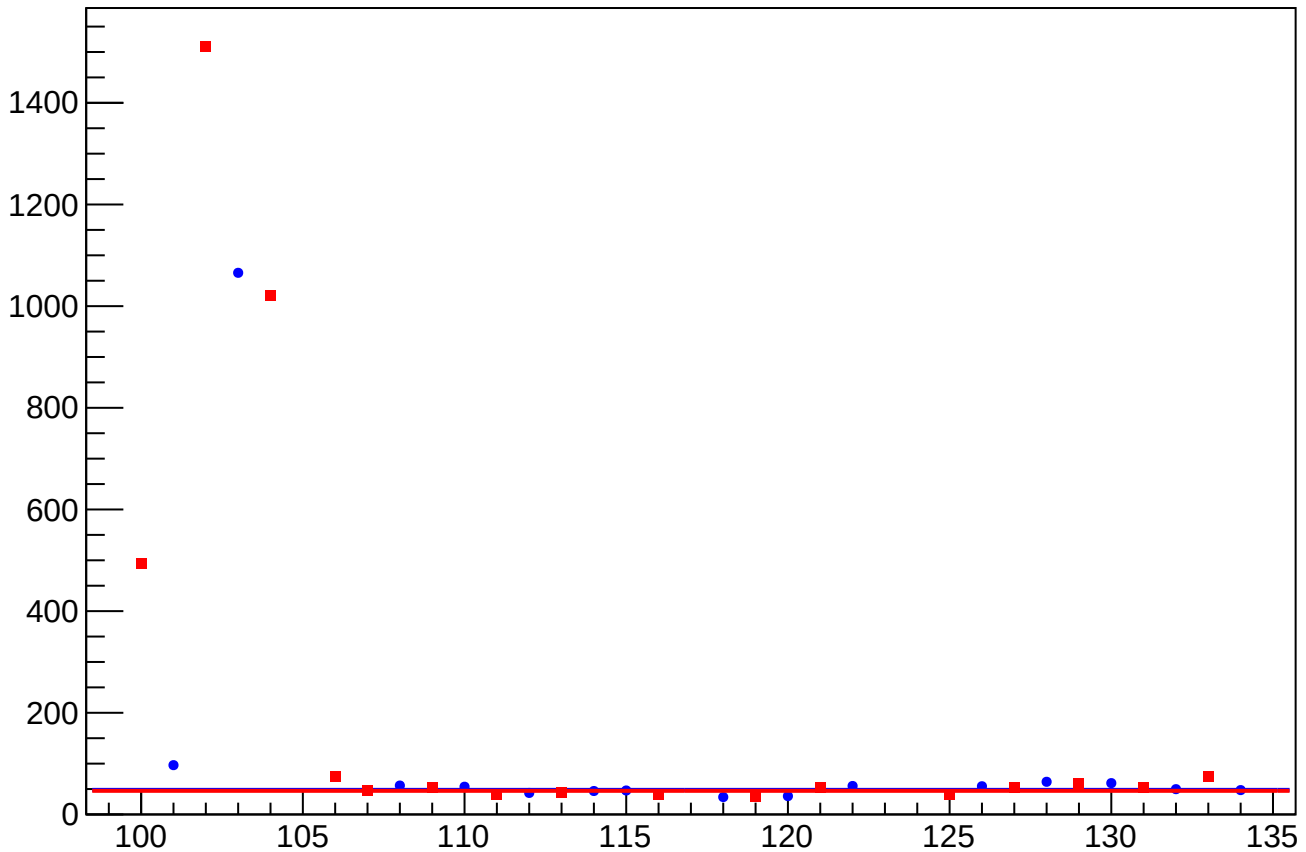
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.016 χ^2 /NDF: 28.2/30

- 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+/-0.016 χ^2/NDF : 1741929.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.481+/-0.016 χ^2/NDF : 2326315.9/15

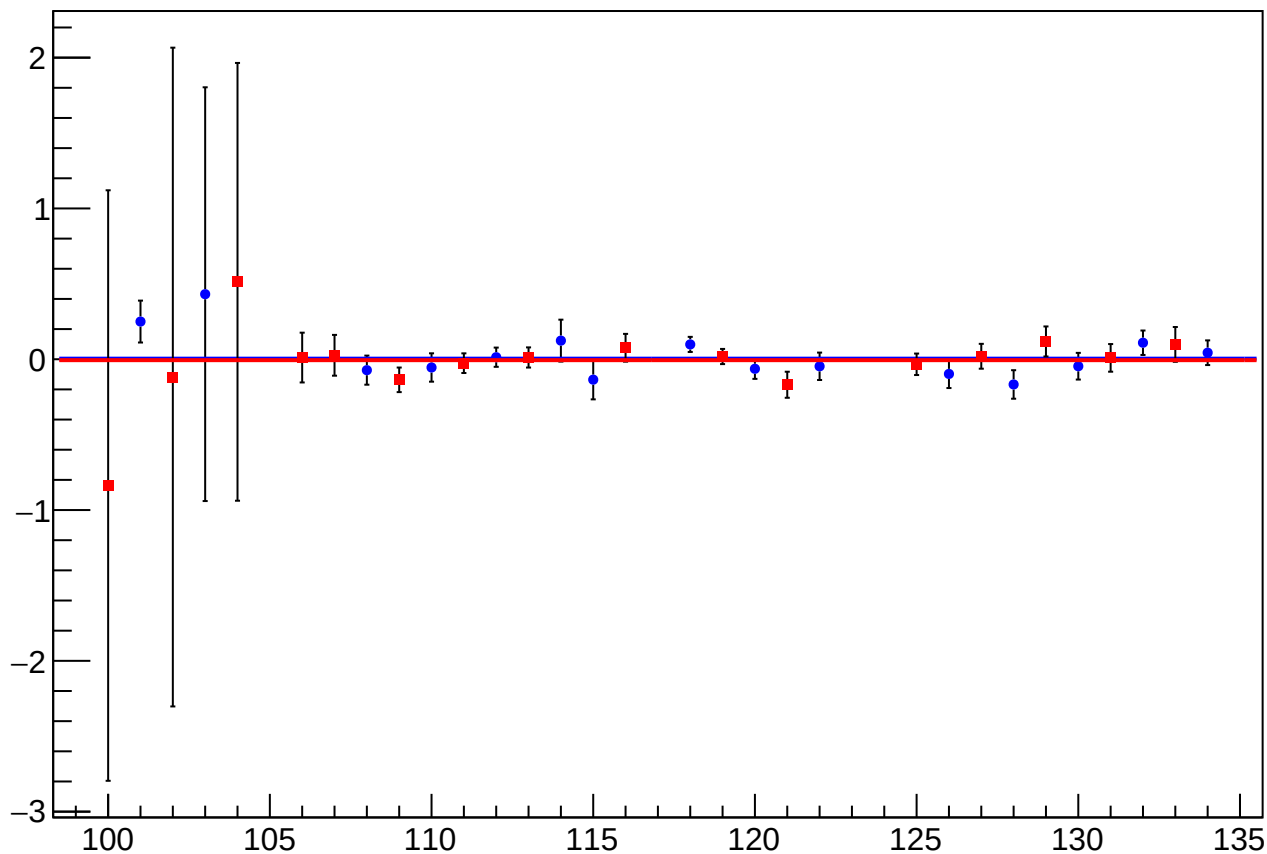
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.431+/-0.011 χ^2/NDF : 4075352.3/30

- sign 0.000+/-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: -0.006 $\pm$ 0.022 χ^2 /NDF: 10.3/15

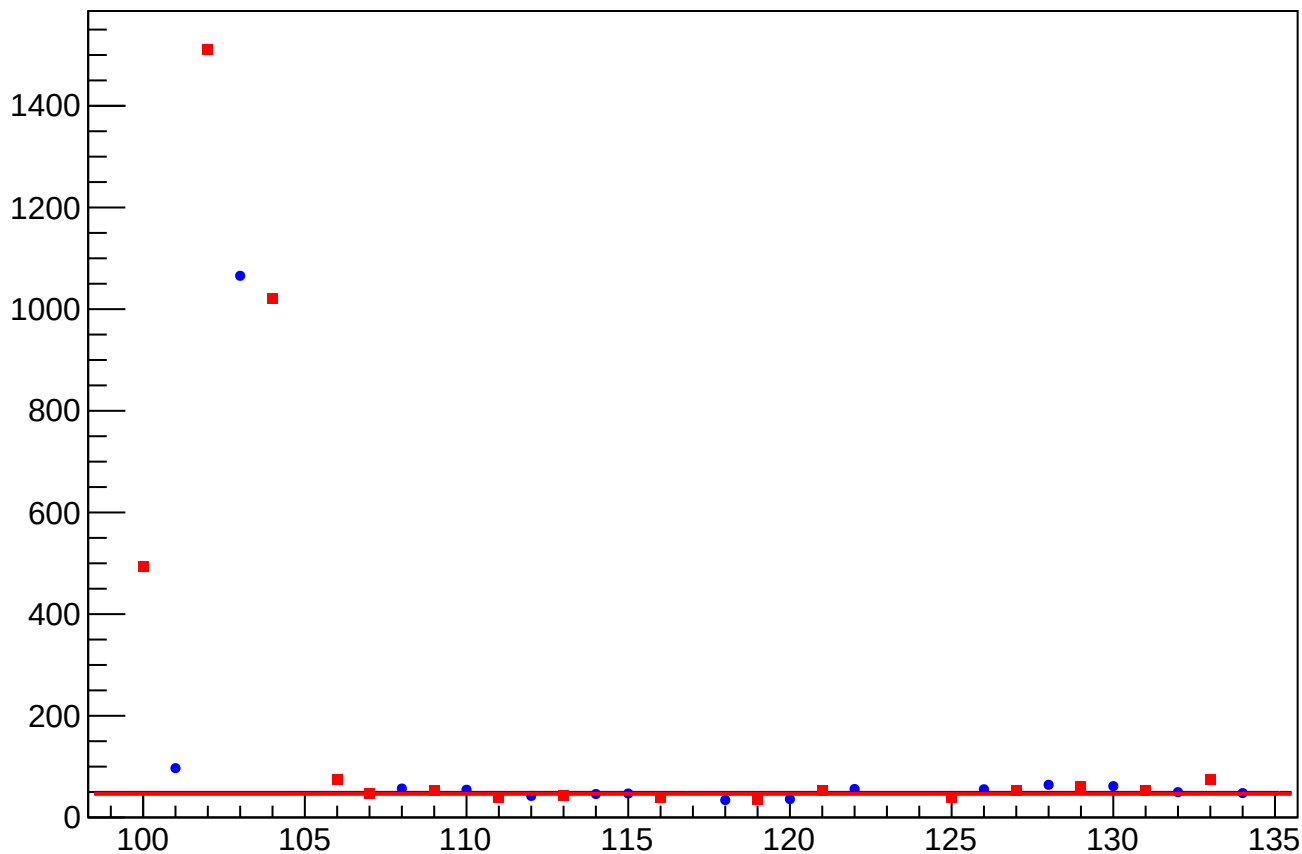
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.016 χ^2 /NDF: 28.2/30

- 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: 46.481+/-0.016 χ^2 /NDF: 2326315.9/15

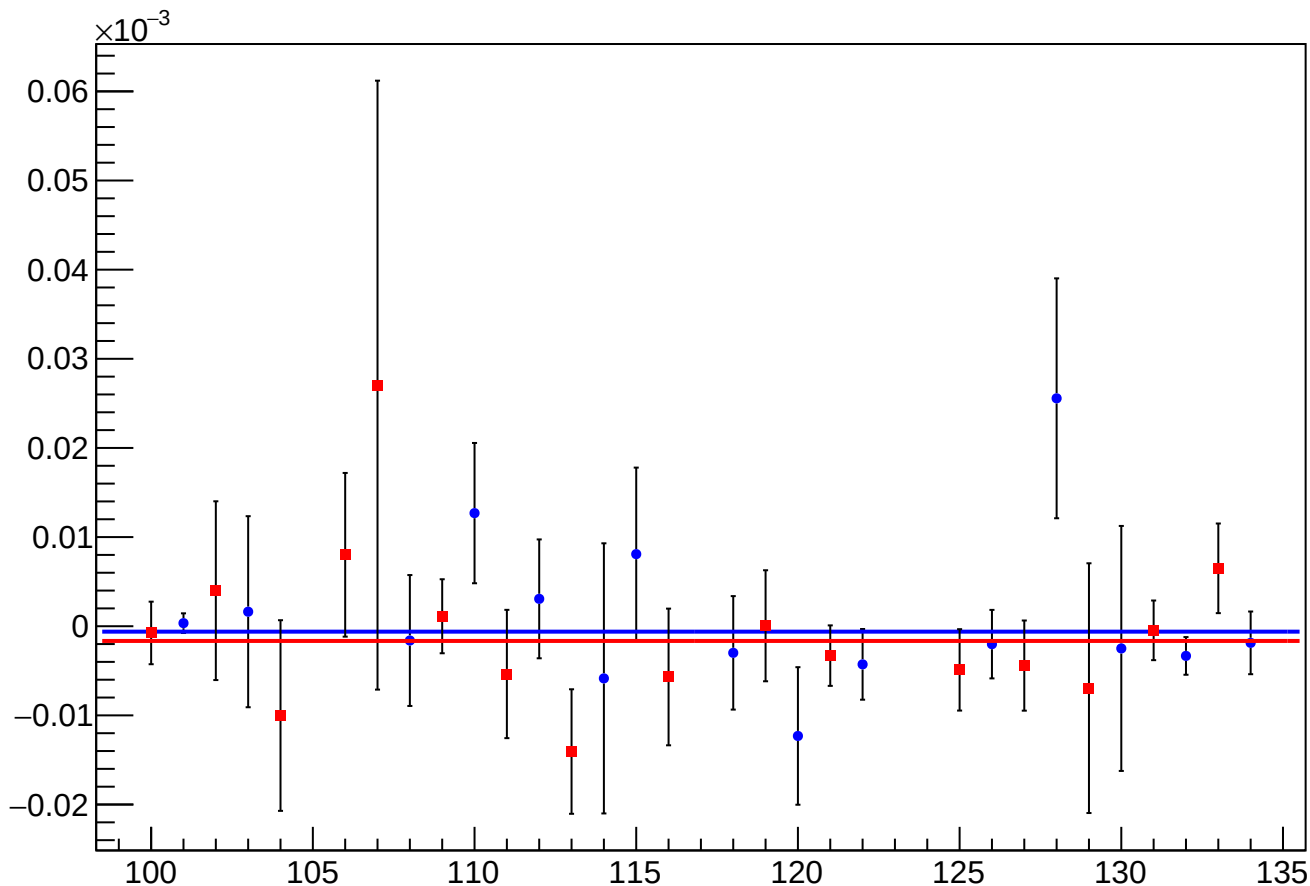
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 47.431+/-0.011 χ^2 /NDF: 4075352.3/30

- 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: 11.0/15

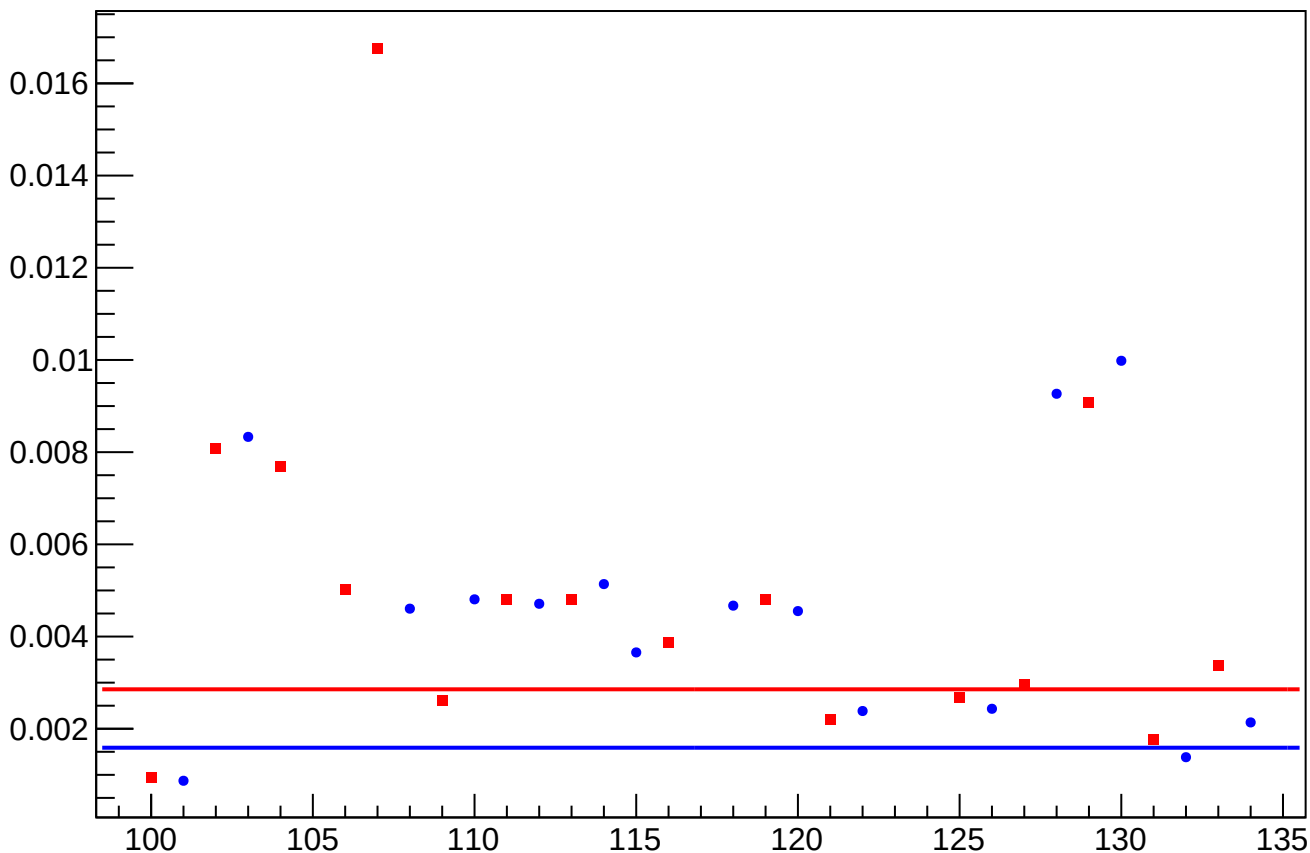
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 25.3/30

- 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+/-0.000 χ^2/NDF : 5360120.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3235782.7/15

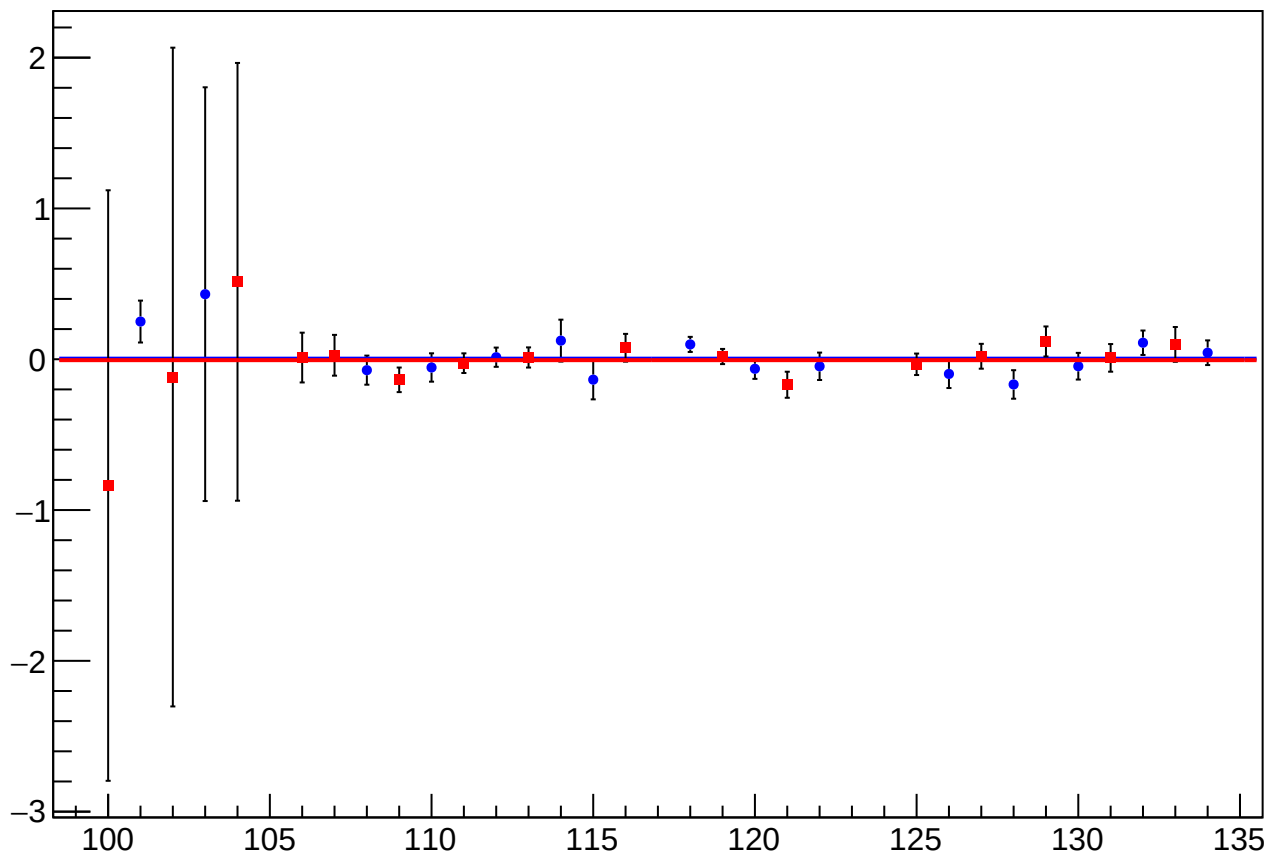
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 9881186.9/30

- sign 0.000+/-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: -0.006 $\pm$ 0.022 χ^2 /NDF: 10.3/15

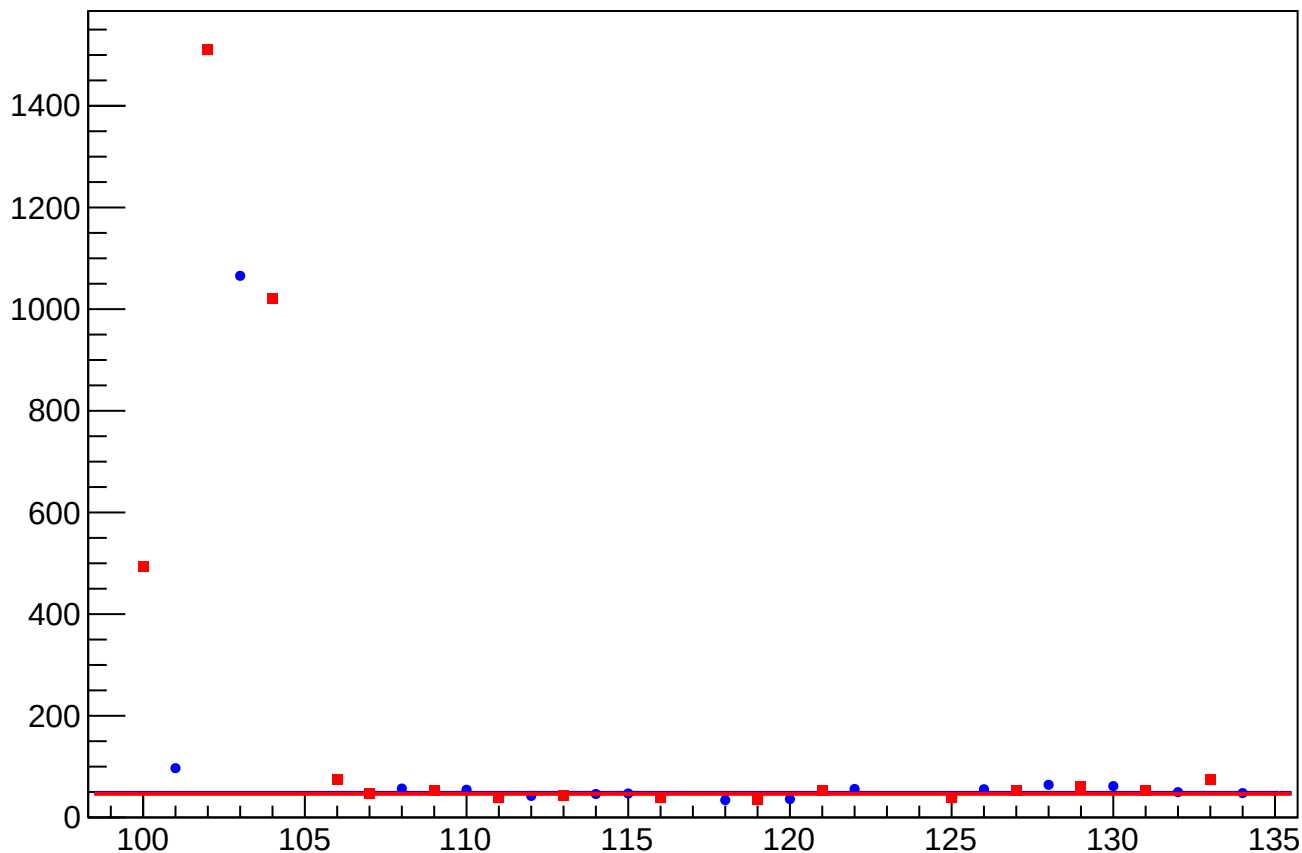
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.016 χ^2 /NDF: 28.2/30

- 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+/-0.016 χ^2/NDF : 1741860.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.480+/-0.016 χ^2/NDF : 2326344.7/15

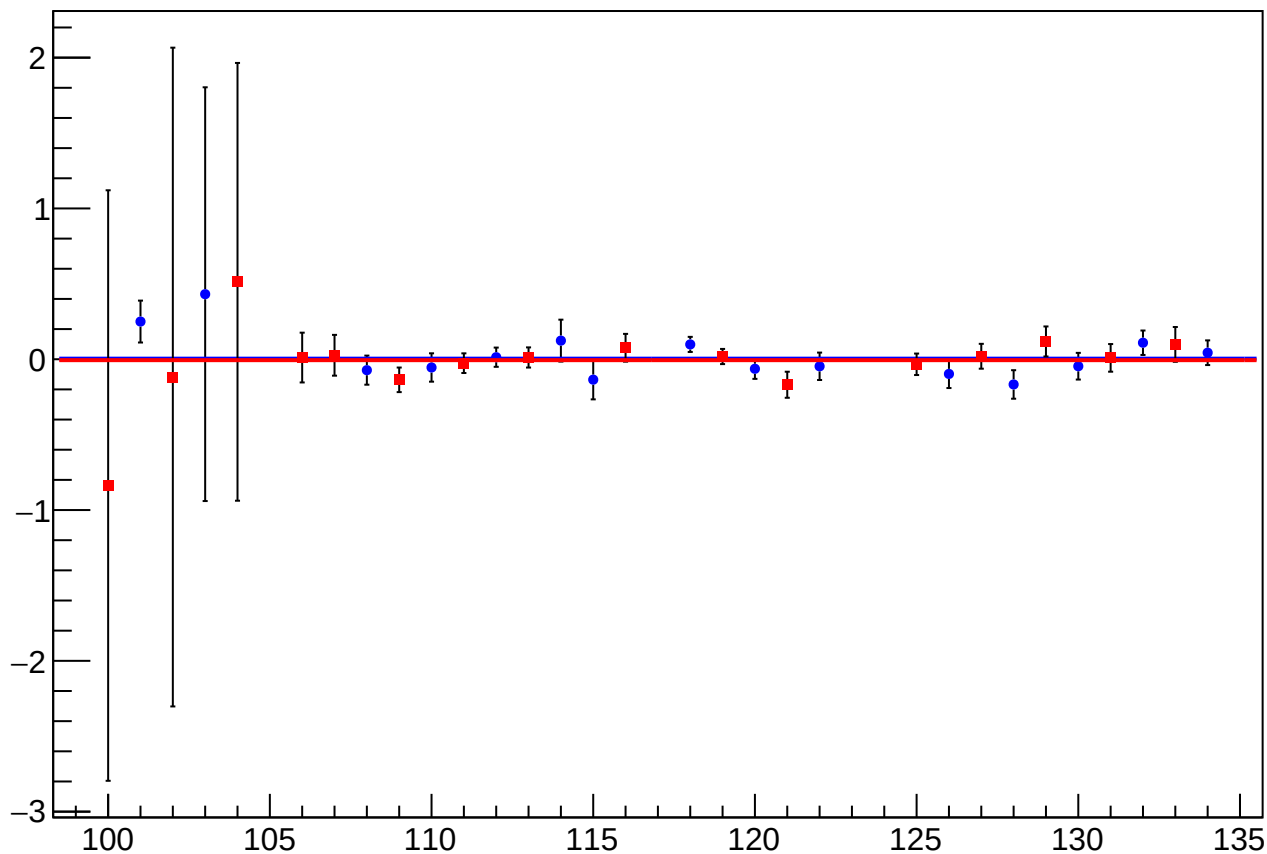
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.431+/-0.011 χ^2/NDF : 4075322.1/30

- sign 0.000+/-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: -0.006 $\pm$ 0.022 χ^2 /NDF: 10.3/15

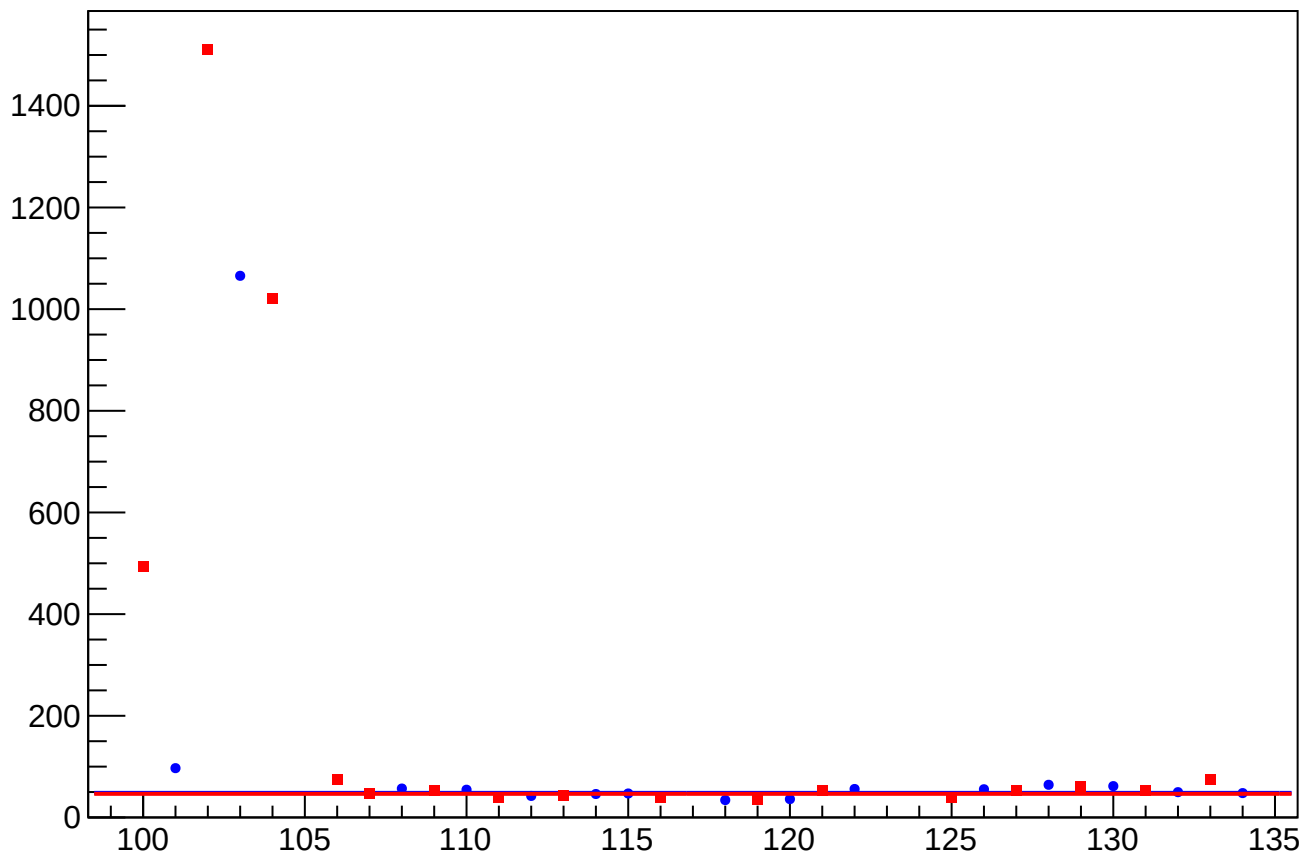
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.016 χ^2 /NDF: 28.2/30

- 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+/-0.016 χ^2/NDF : 1741860.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.480+/-0.016 χ^2/NDF : 2326344.7/15

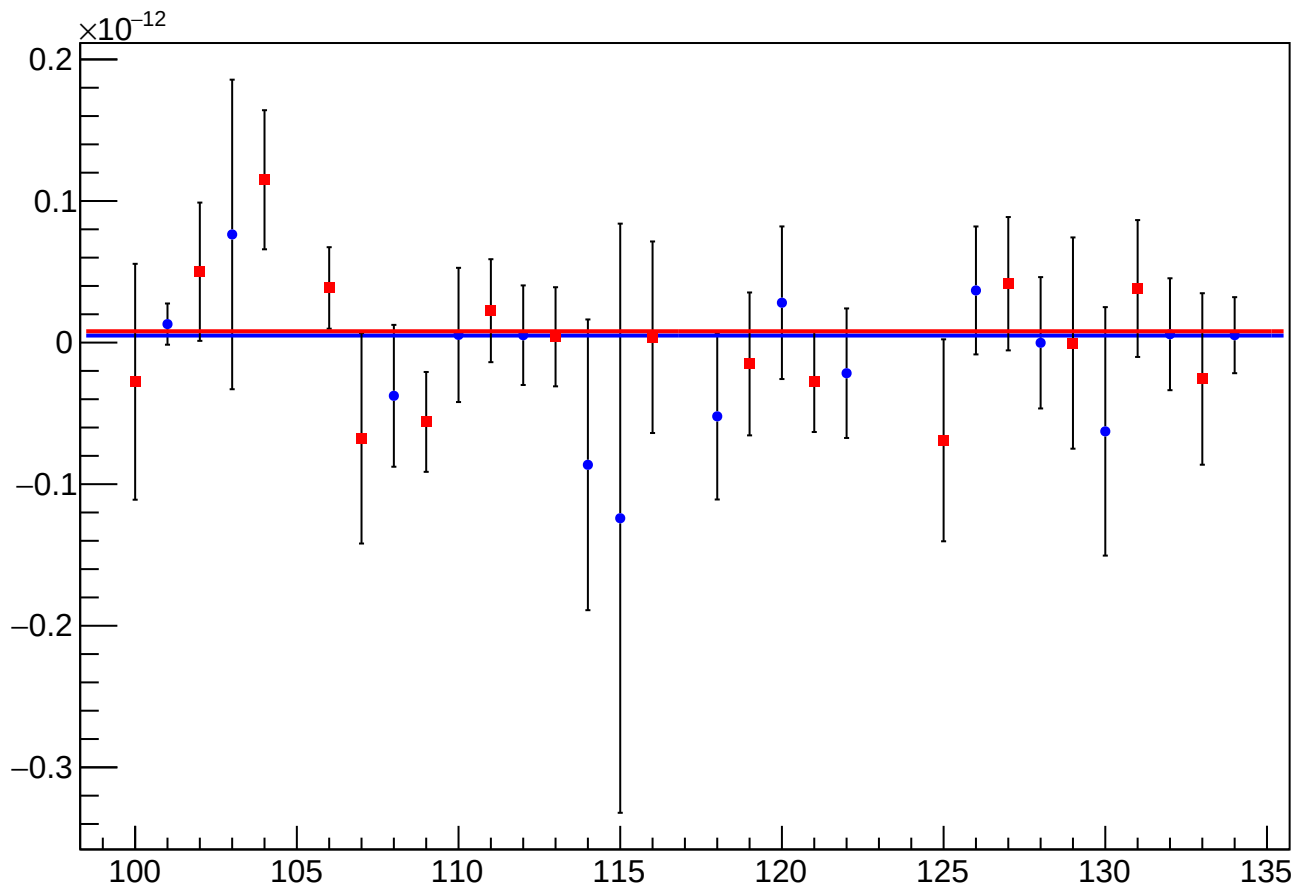
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.431+/-0.011 χ^2/NDF : 4075322.1/30

- sign 0.000+/-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: 14.9/15

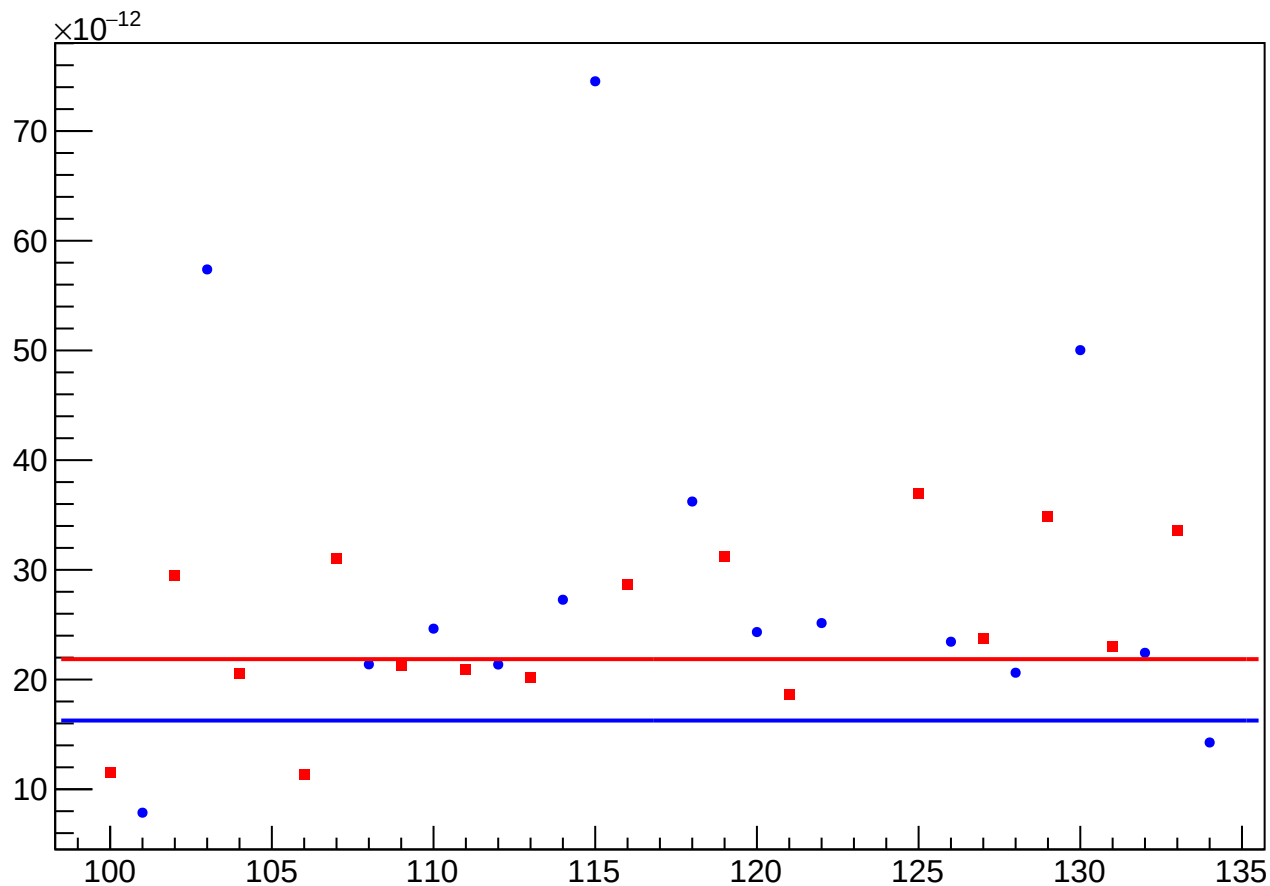
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 20.2/30

- 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 : 719335.0/15

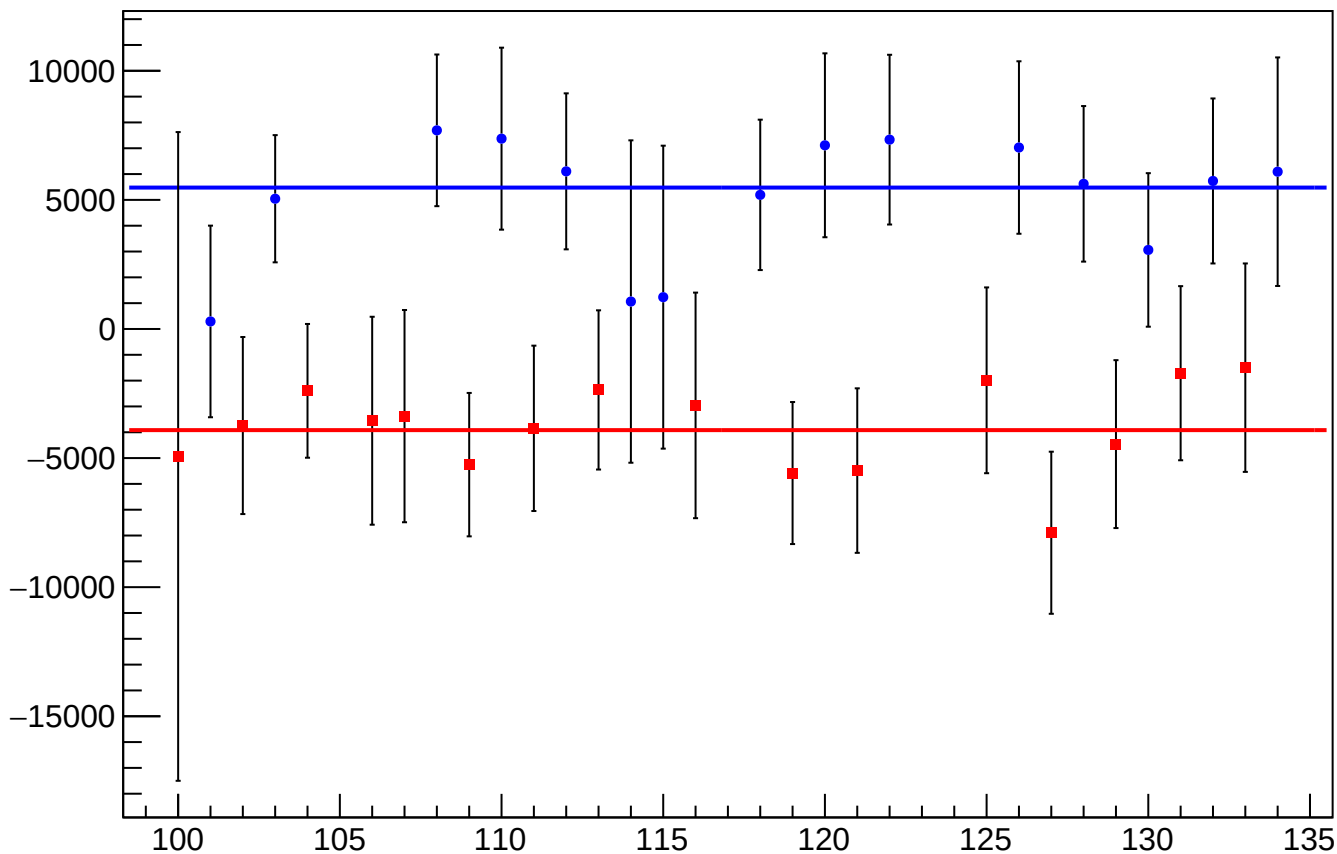
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3030583.1/30

- 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 $\pm$ 860.919 χ^2 /NDF: 5.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3917.611 $\pm$ 845.374 χ^2 /NDF: 4.2/15

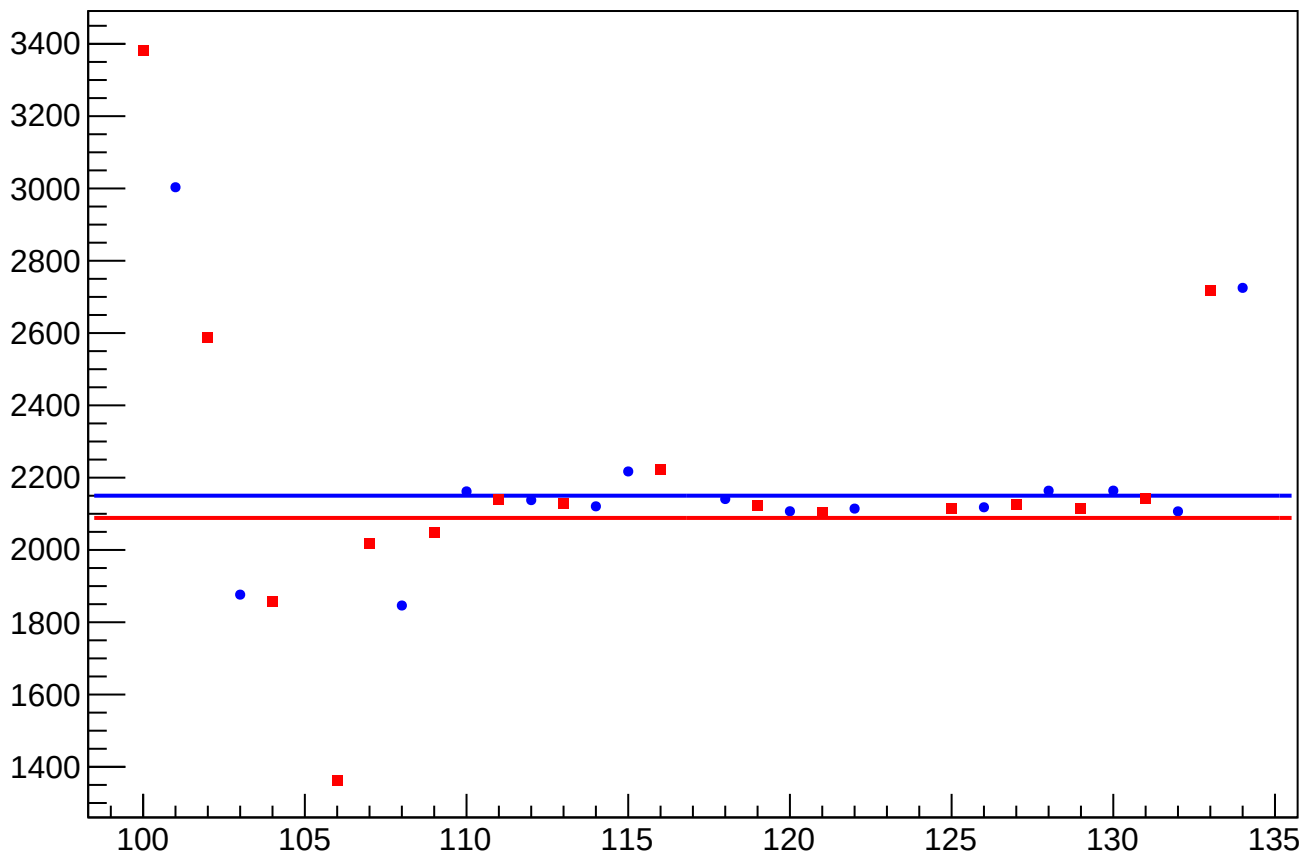
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 694.061 $\pm$ 603.191 χ^2 /NDF: 70.2/30

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2150.115 $\pm$ 0.609 χ^2 /NDF: 187113.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2088.578 $\pm$ 0.587 χ^2 /NDF: 250424.9/15

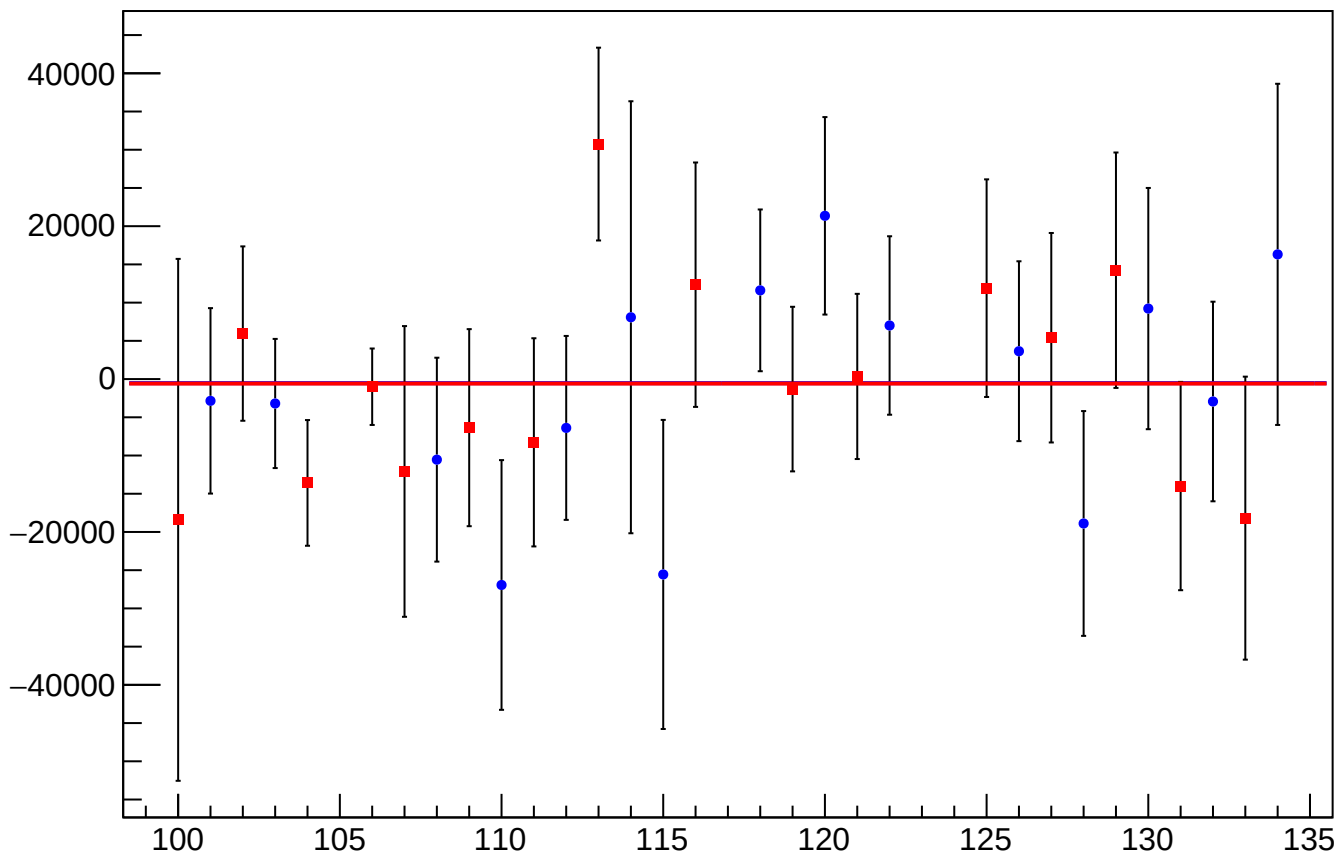
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2118.249 $\pm$ 0.423 χ^2 /NDF: 442830.0/30

- sign 0.000 $\pm$ 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: -587.517+/-2798.382 χ^2/NDF : 14.6/15

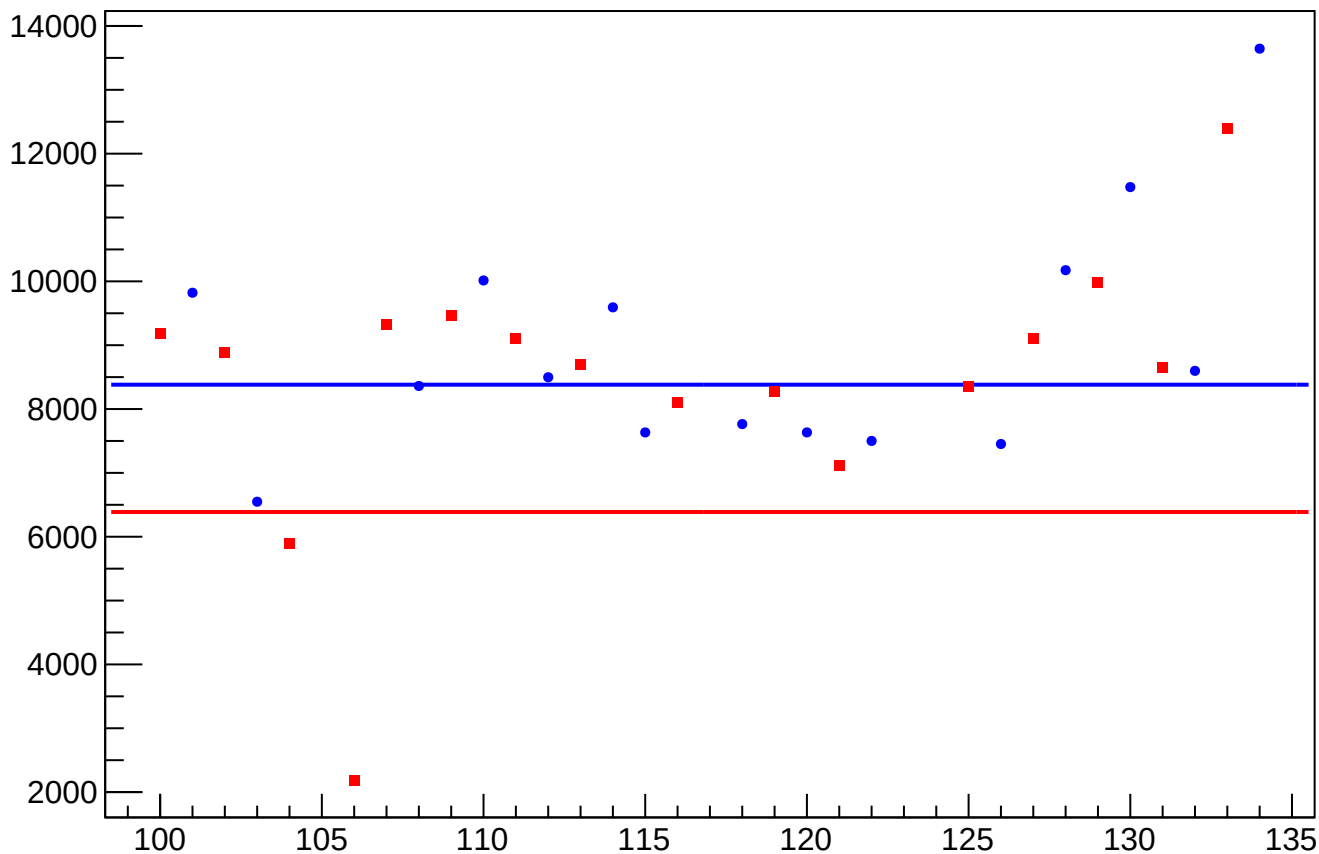
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -565.151+/-2159.183 χ^2/NDF : 27.0/30

- 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

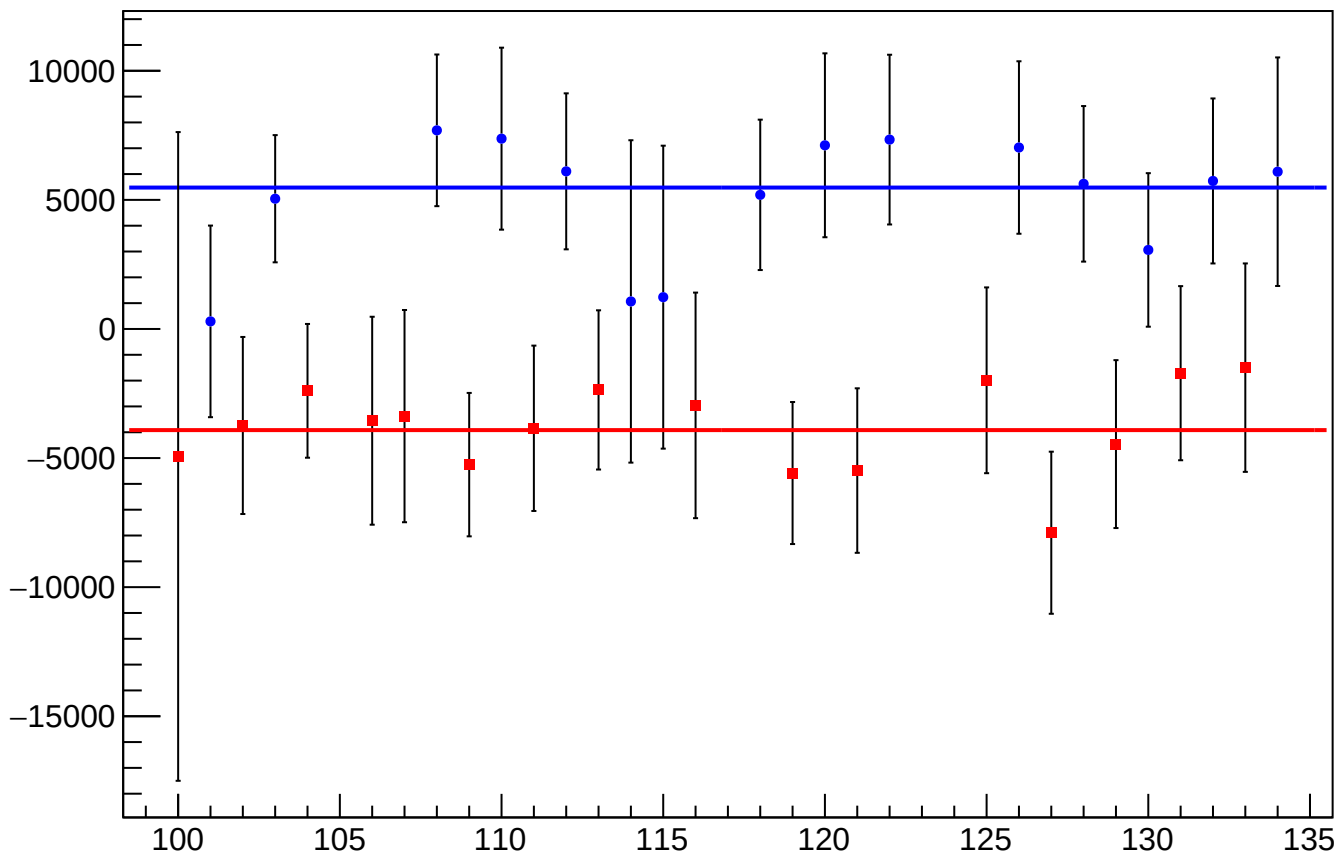
Right Out: 6387.738+/-1.979 χ^2/NDF : 2425388.5/15

All: 7194.472+/-1.527 χ^2/NDF : 3240997.5/30

- 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: -3917.304+/-845.374 χ^2/NDF : 4.2/15

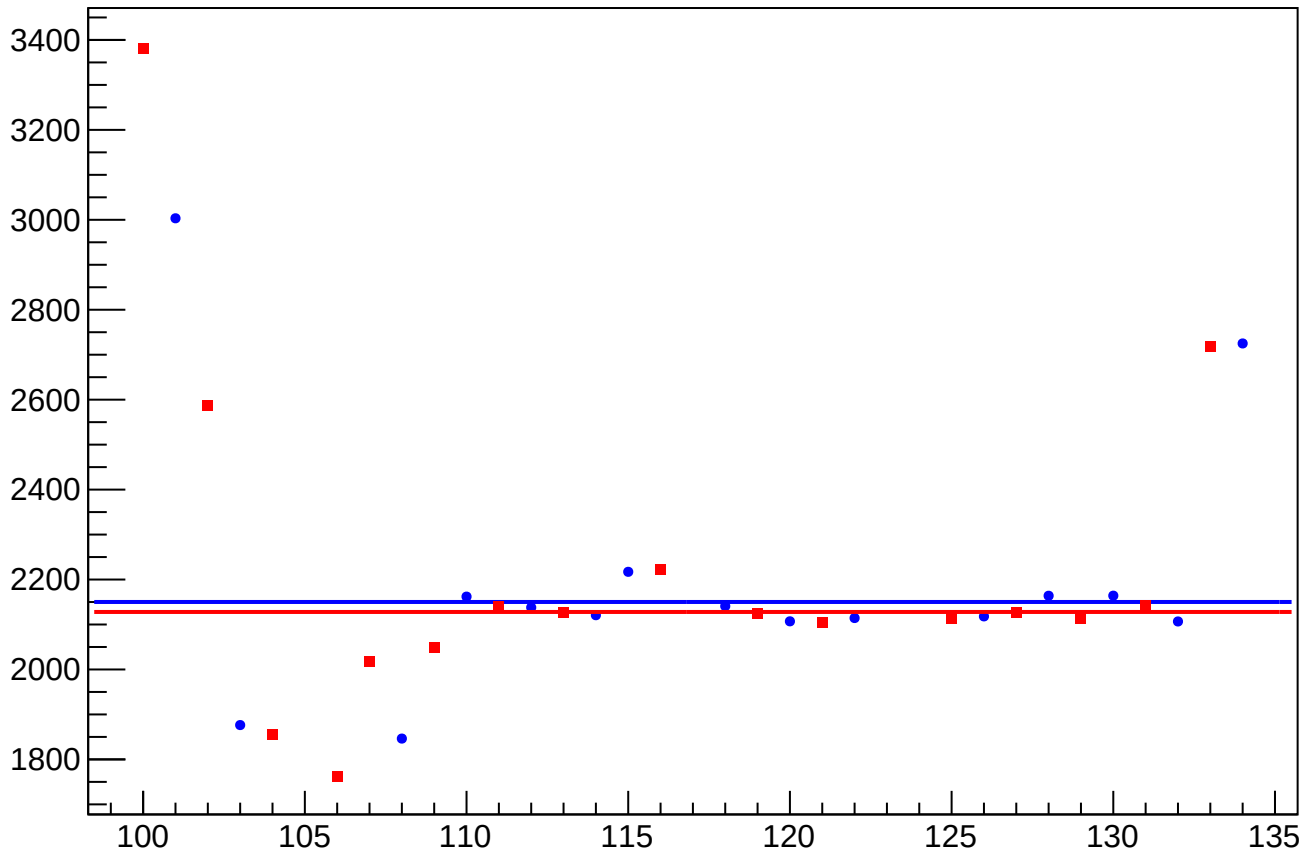
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 694.315+/-603.191 χ^2/NDF : 70.2/30

- 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 $\pm$ 0.609 χ^2 /NDF: 187114.1/14

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

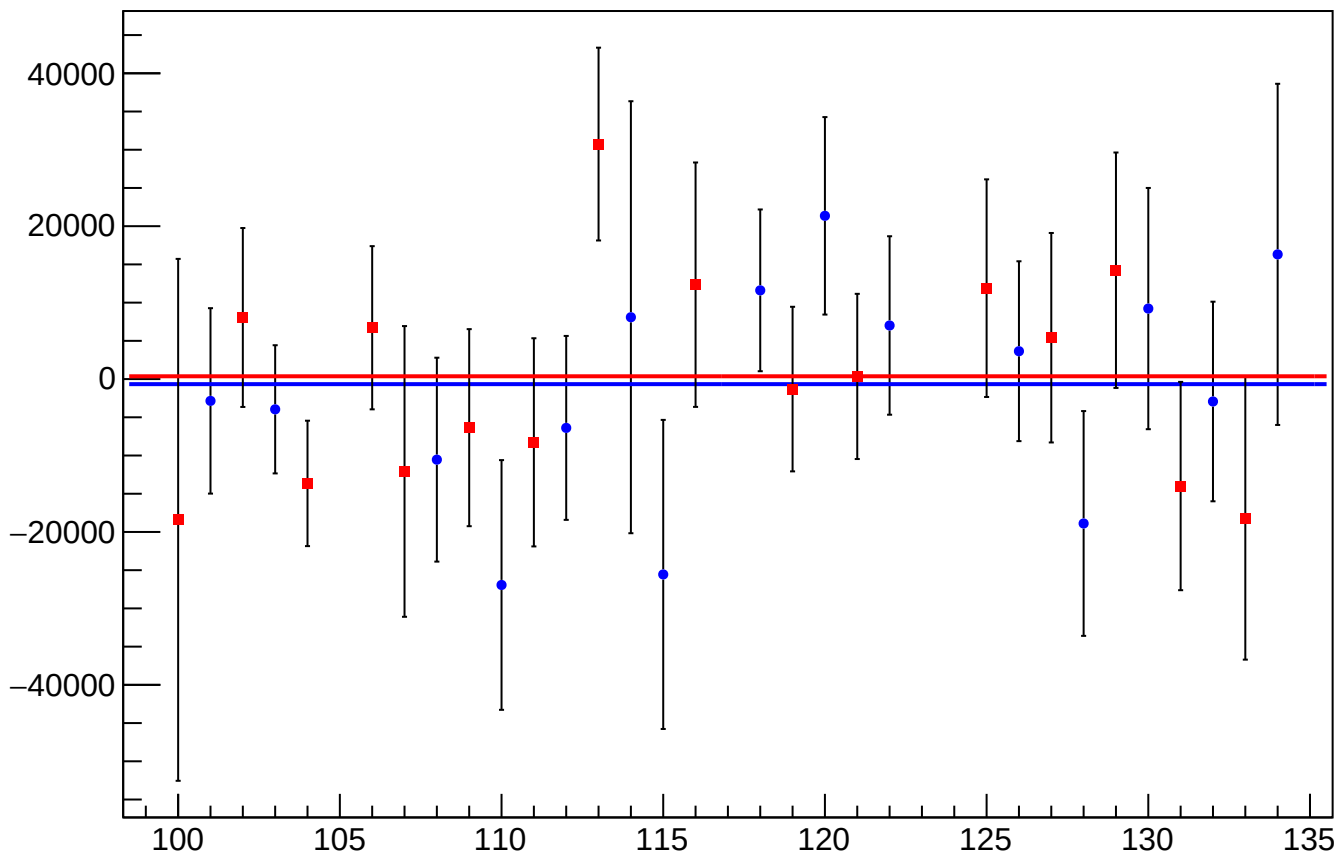
Right Out: 2127.889 $\pm$ 0.595 χ^2 /NDF: 145385.7/15

All: 2138.739 $\pm$ 0.425 χ^2 /NDF: 333182.0/30

- 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_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: 365.586+/-3224.866 χ^2/NDF : 15.2/15

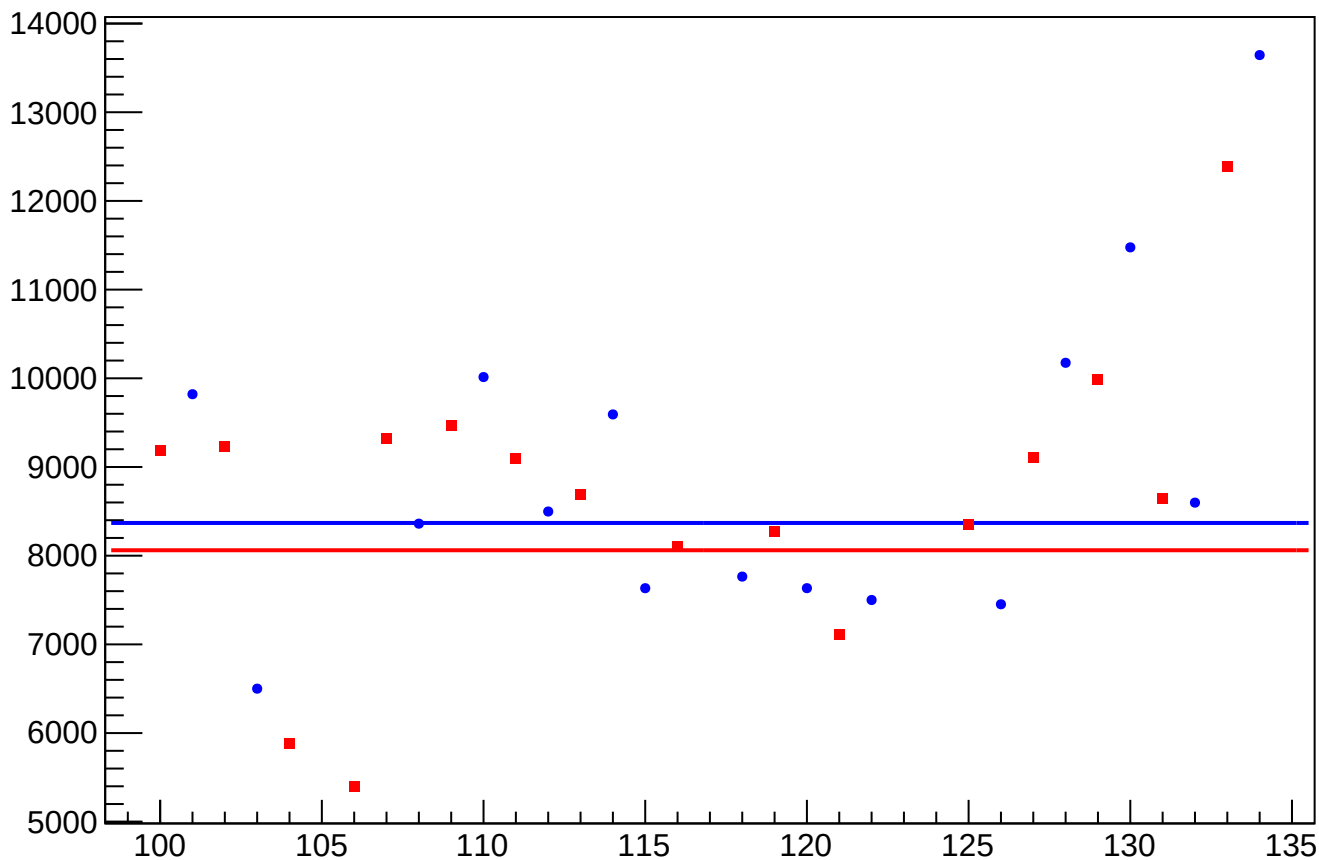
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -123.389+/-2336.538 χ^2/NDF : 27.8/30

- 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

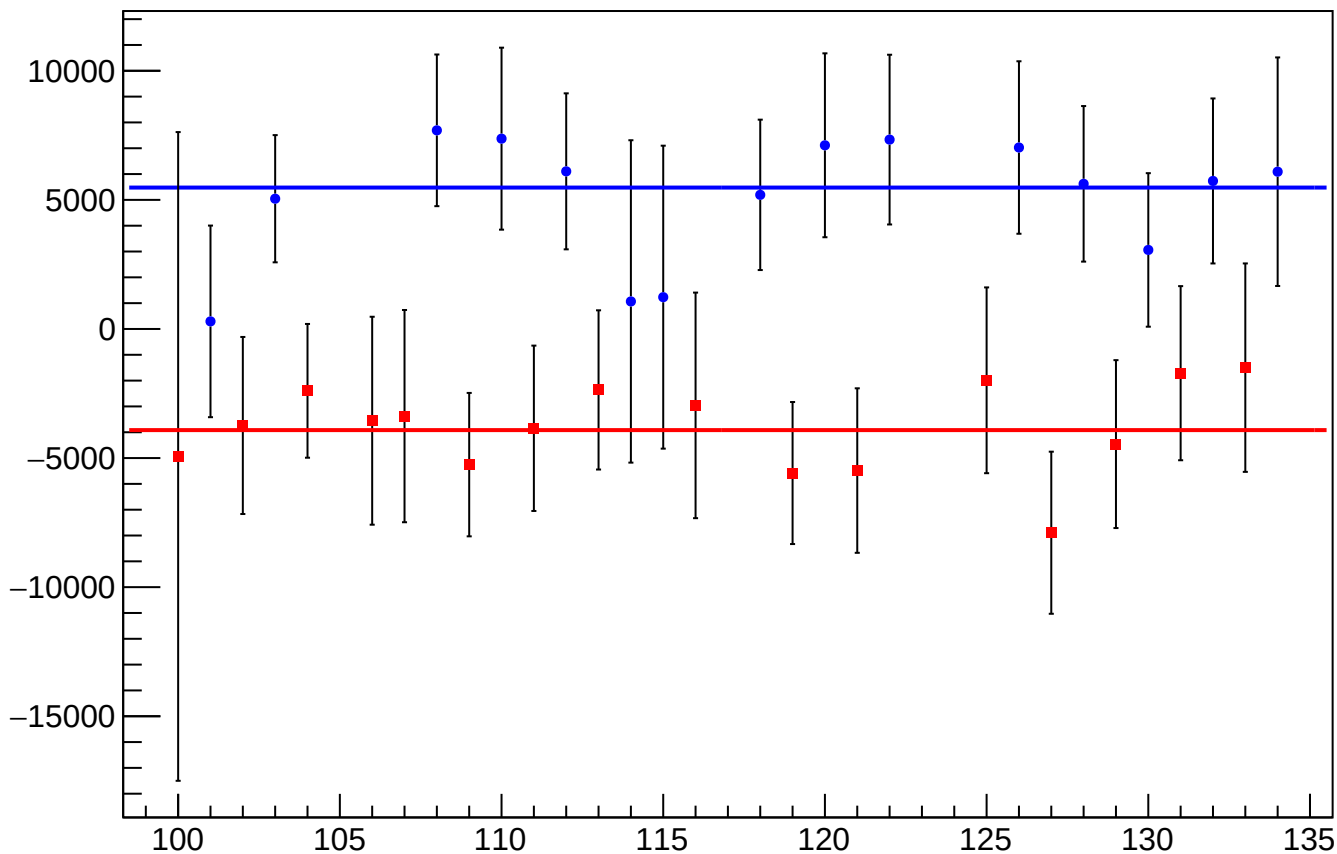
Right Out: 8061.340+/-2.280 χ^2/NDF : 510001.6/15

All: 8207.511+/-1.652 χ^2/NDF : 929893.6/30

- 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_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: -3917.304+/-845.374 χ^2/NDF : 4.2/15

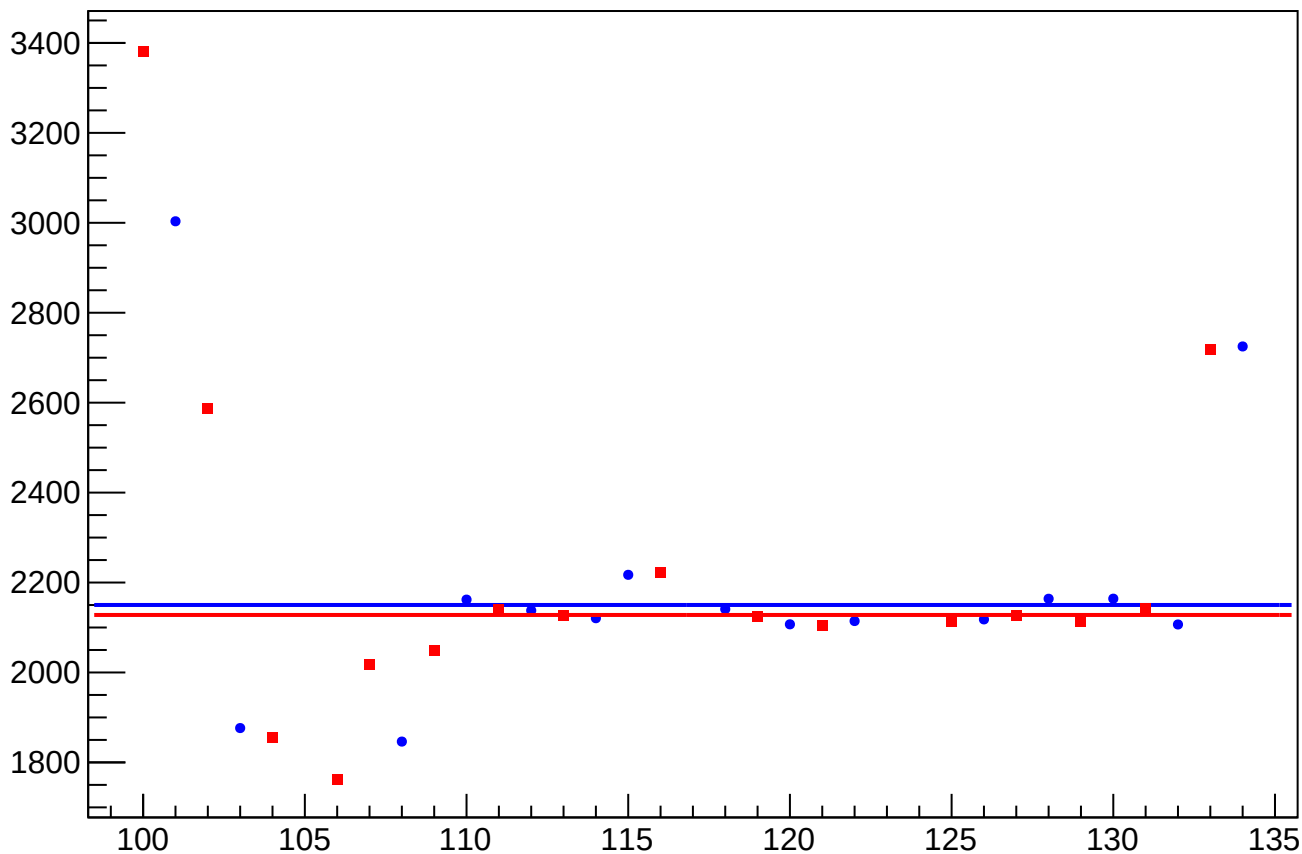
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 694.315+/-603.191 χ^2/NDF : 70.2/30

- 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

Right Out: 2127.889+/-0.595 χ^2/NDF : 145385.7/15

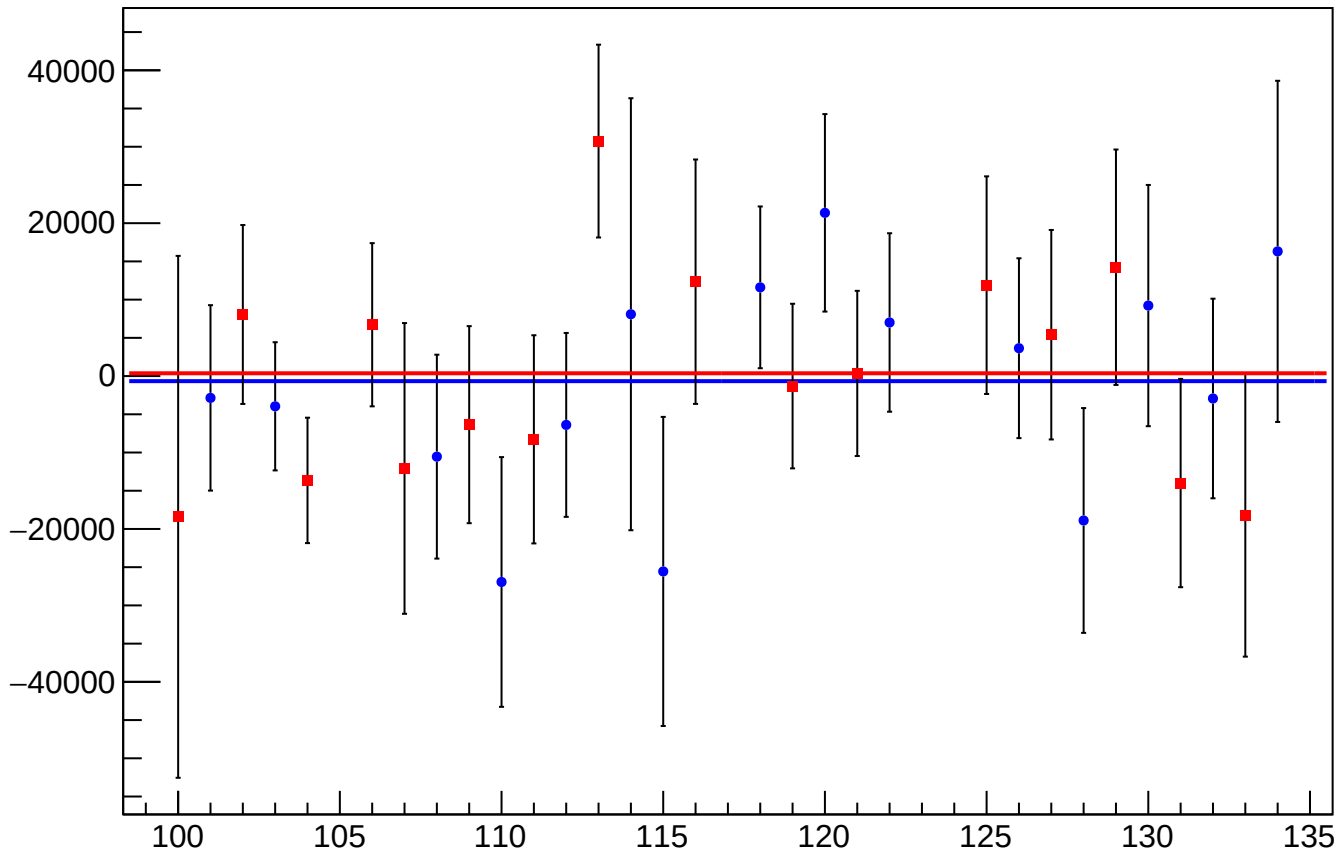
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2138.739+/-0.425 χ^2/NDF : 333182.0/30

- sign 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: 365.586+/-3224.866 χ^2/NDF : 15.2/15

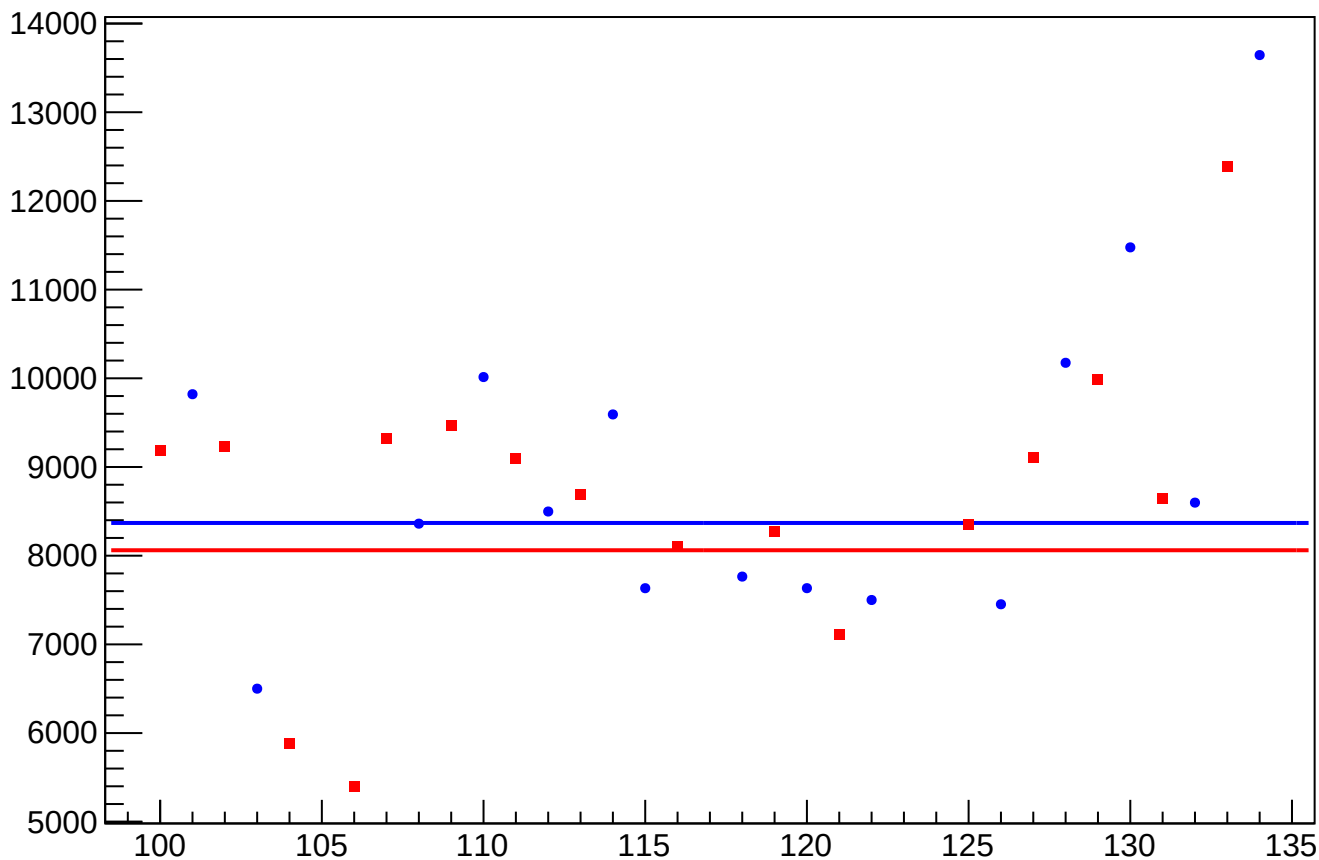
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -123.389+/-2336.538 χ^2/NDF : 27.8/30

- 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

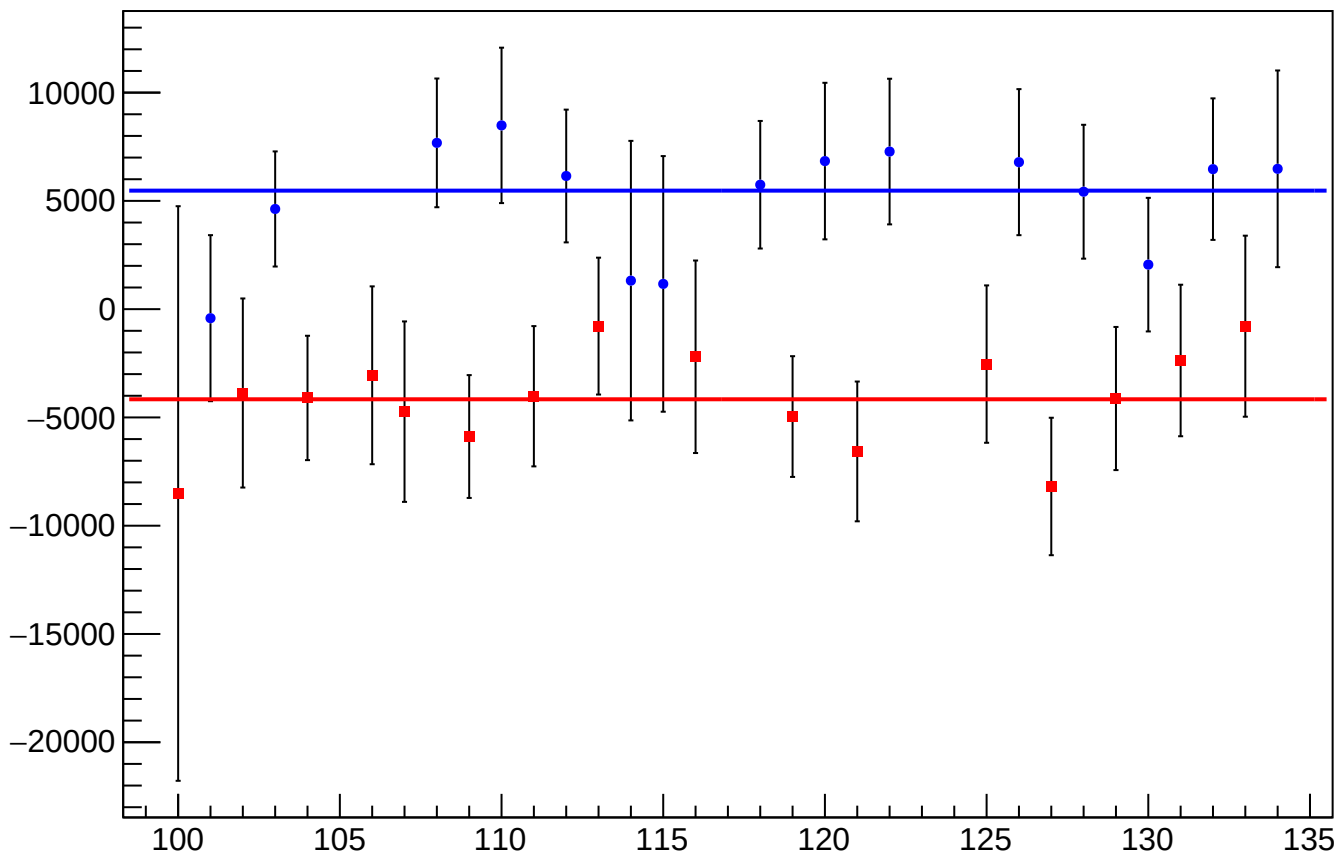
Right Out: 8061.340+/-2.280 χ^2/NDF : 510001.6/15

All: 8207.511+/-1.652 χ^2/NDF : 929893.6/30

- 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+/-884.042 χ^2/NDF : 6.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4161.705+/-878.149 χ^2/NDF : 5.3/15

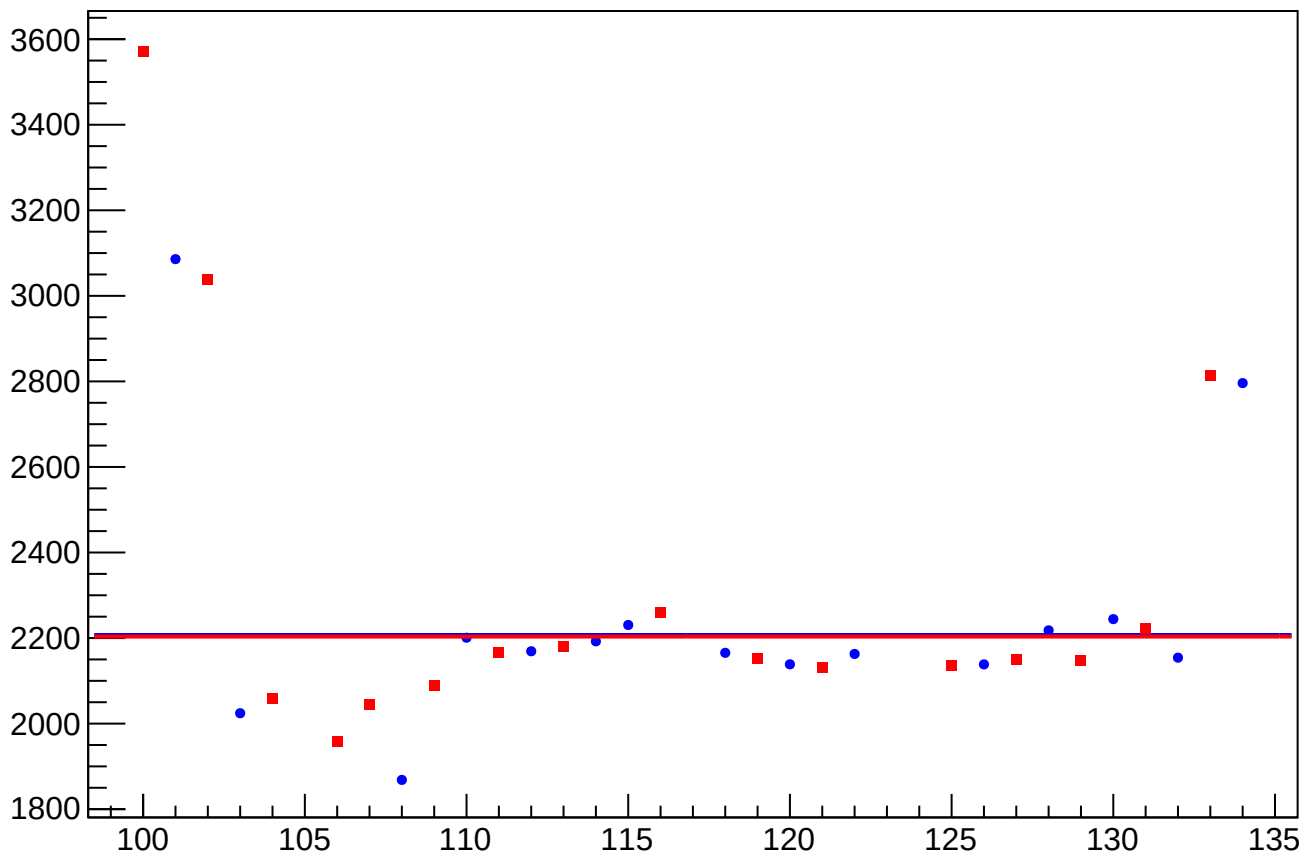
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 623.572+/-623.018 χ^2/NDF : 71.7/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2207.128+/-0.625 χ^2/NDF : 177609.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2203.489+/-0.621 χ^2/NDF : 160010.5/15

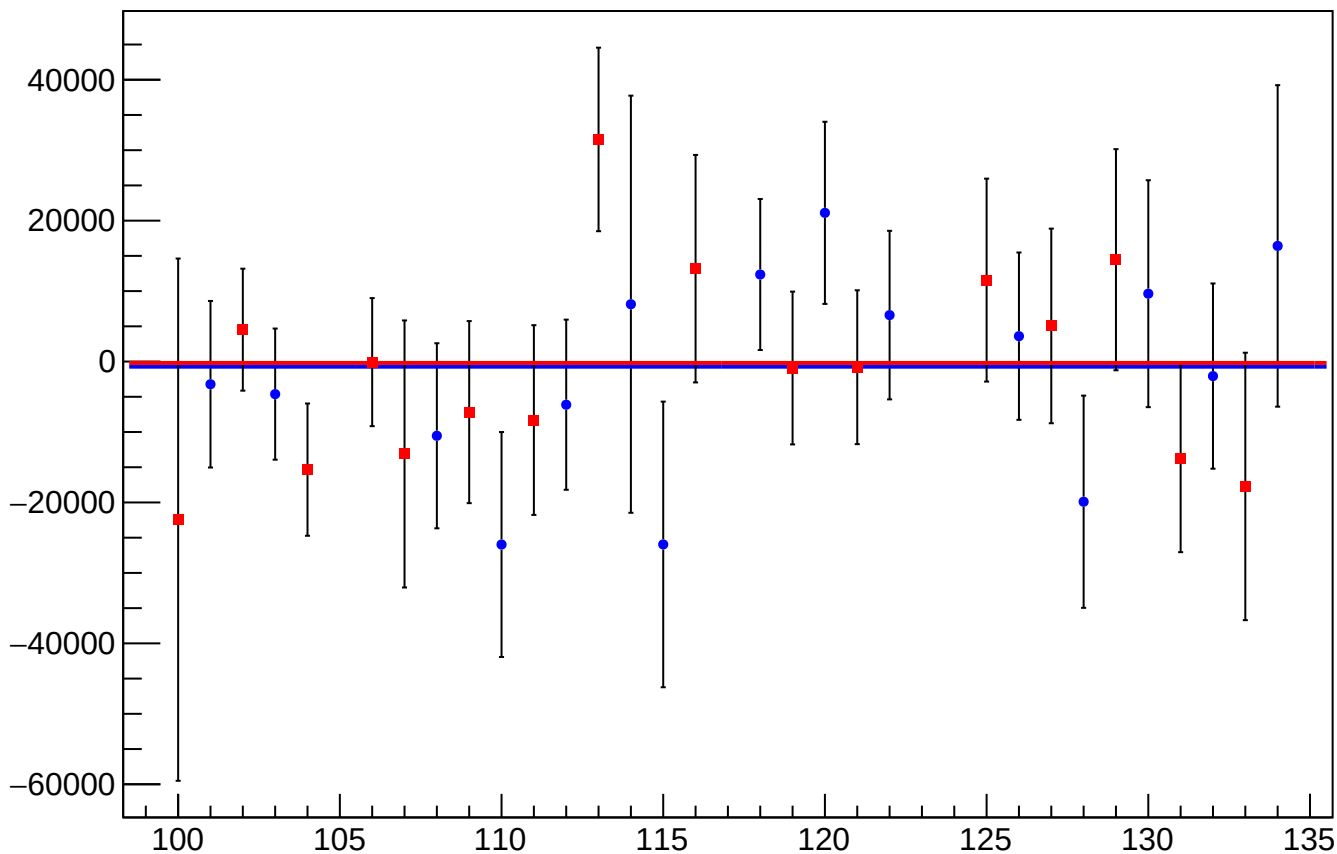
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2205.295+/-0.440 χ^2/NDF : 337637.1/30

- sign 0.000+/-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: -197.767+/-3147.219 χ^2/NDF : 14.6/15

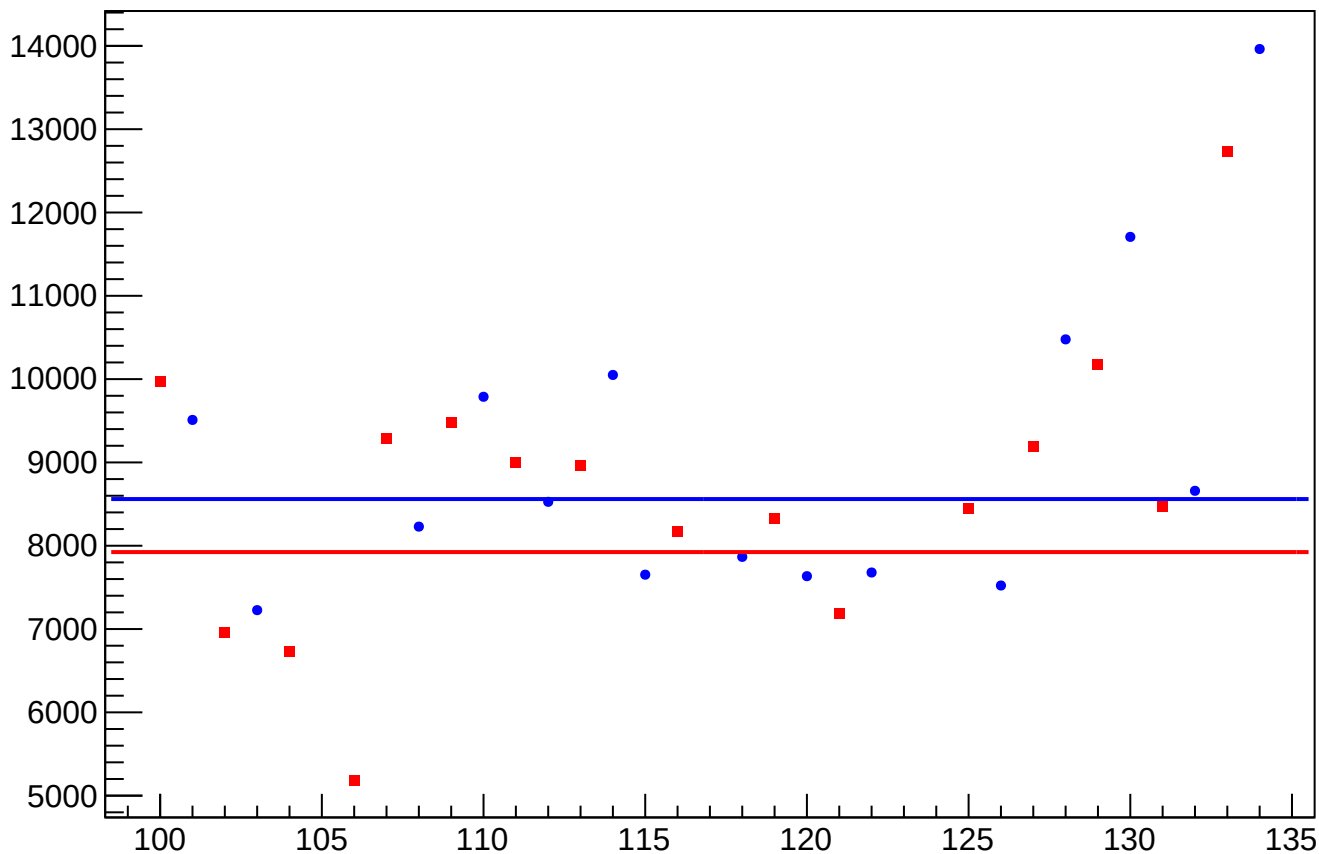
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -437.409+/-2327.765 χ^2/NDF : 27.2/30

- 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

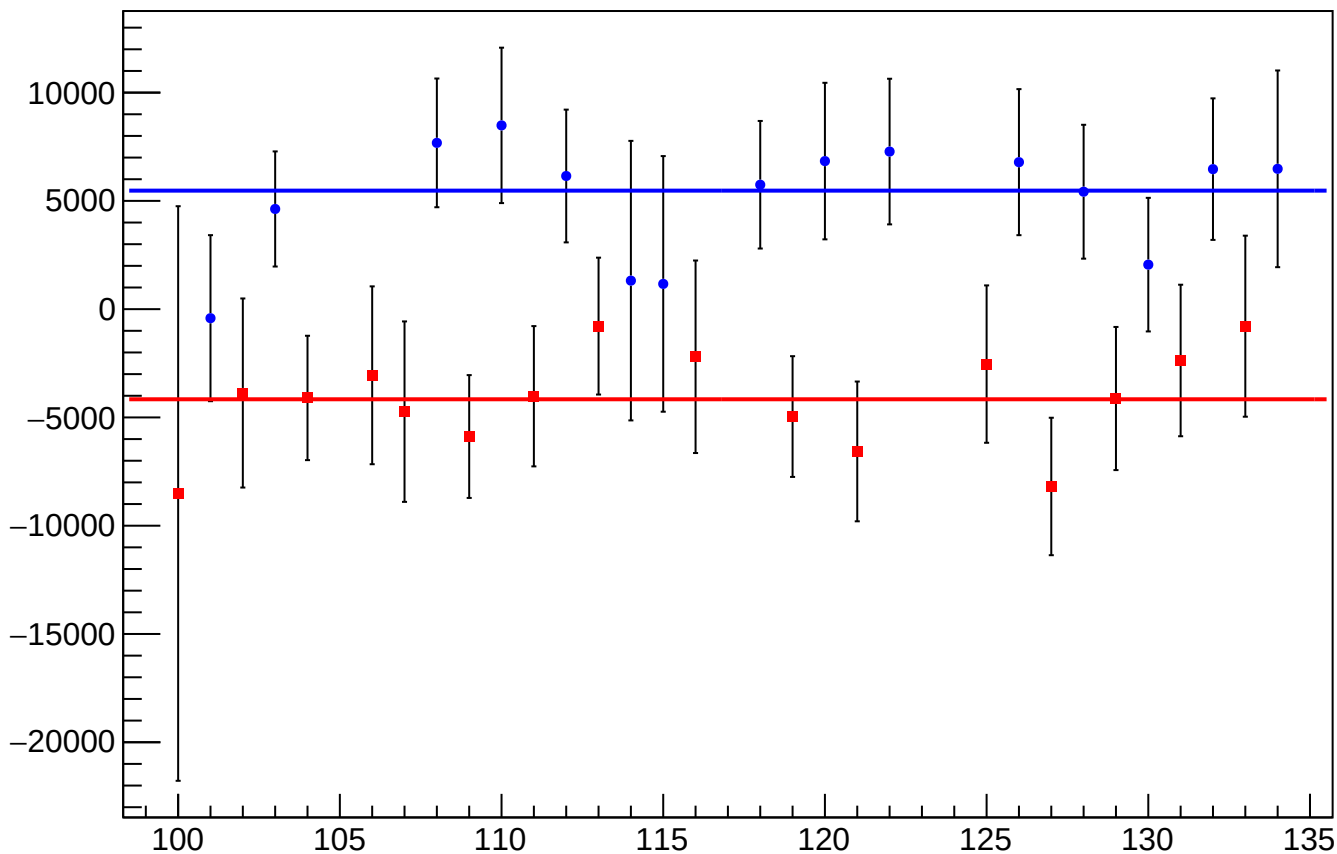
Right Out: 7923.792+/-2.225 χ^2/NDF : 514279.1/15

All: 8212.086+/-1.646 χ^2/NDF : 893248.9/30

- 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_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: -4161.711+/-878.149 χ^2/NDF : 5.3/15

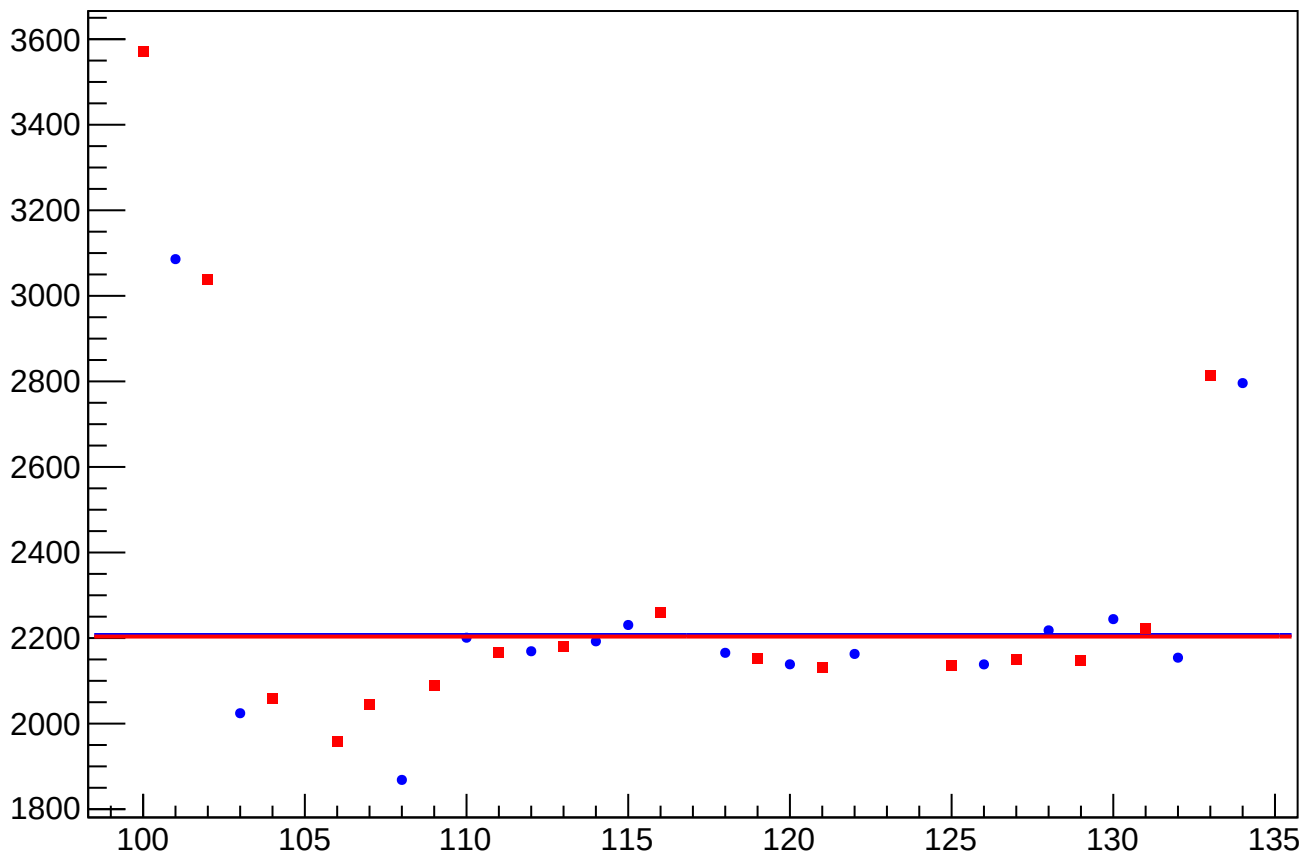
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 623.570+/-623.018 χ^2/NDF : 71.7/30

- 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: 2203.488+/-0.621 χ^2/NDF : 160010.2/15

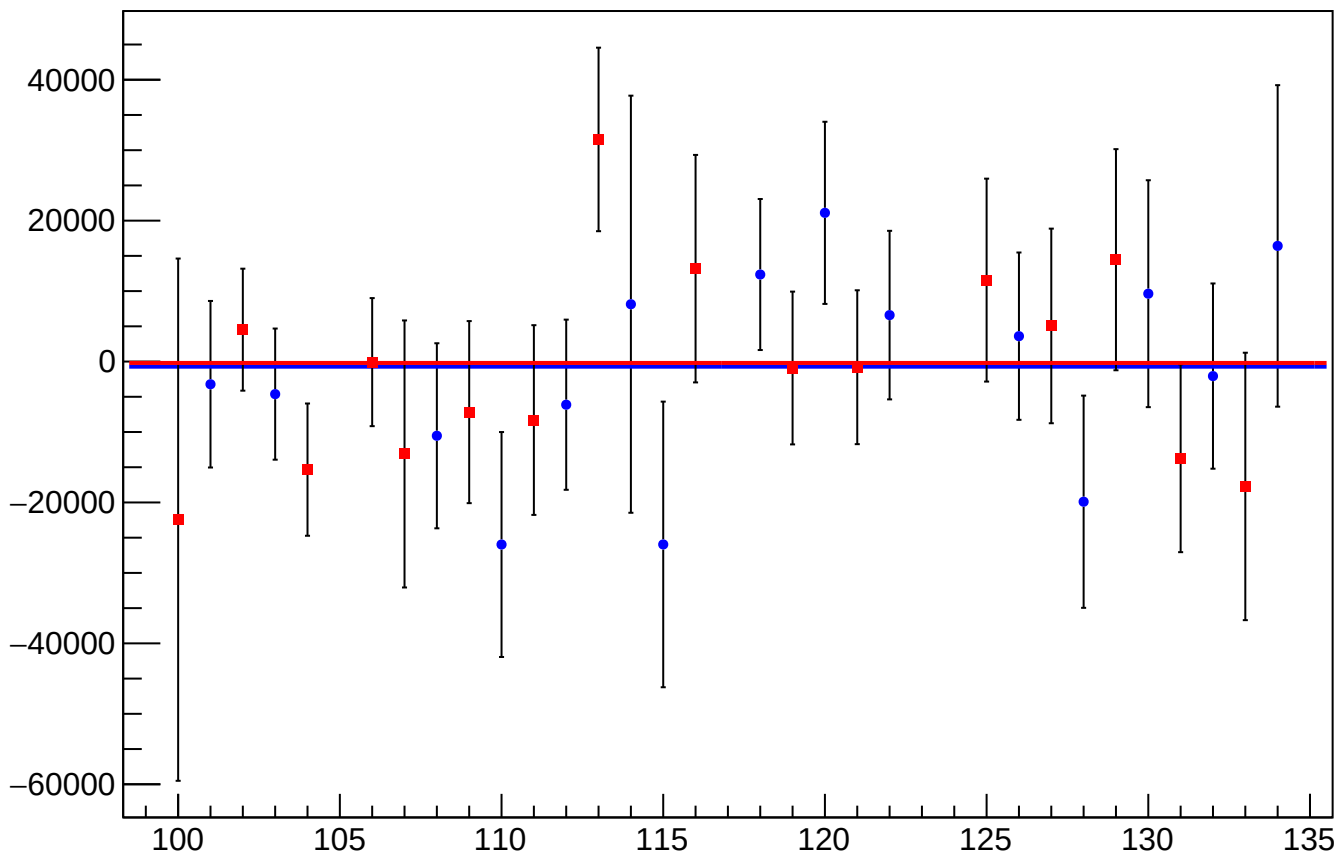
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2205.294+/-0.440 χ^2/NDF : 337636.8/30

- 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 $\pm$ 3458.686 χ^2 /NDF: 12.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -197.773 $\pm$ 3147.211 χ^2 /NDF: 14.6/15

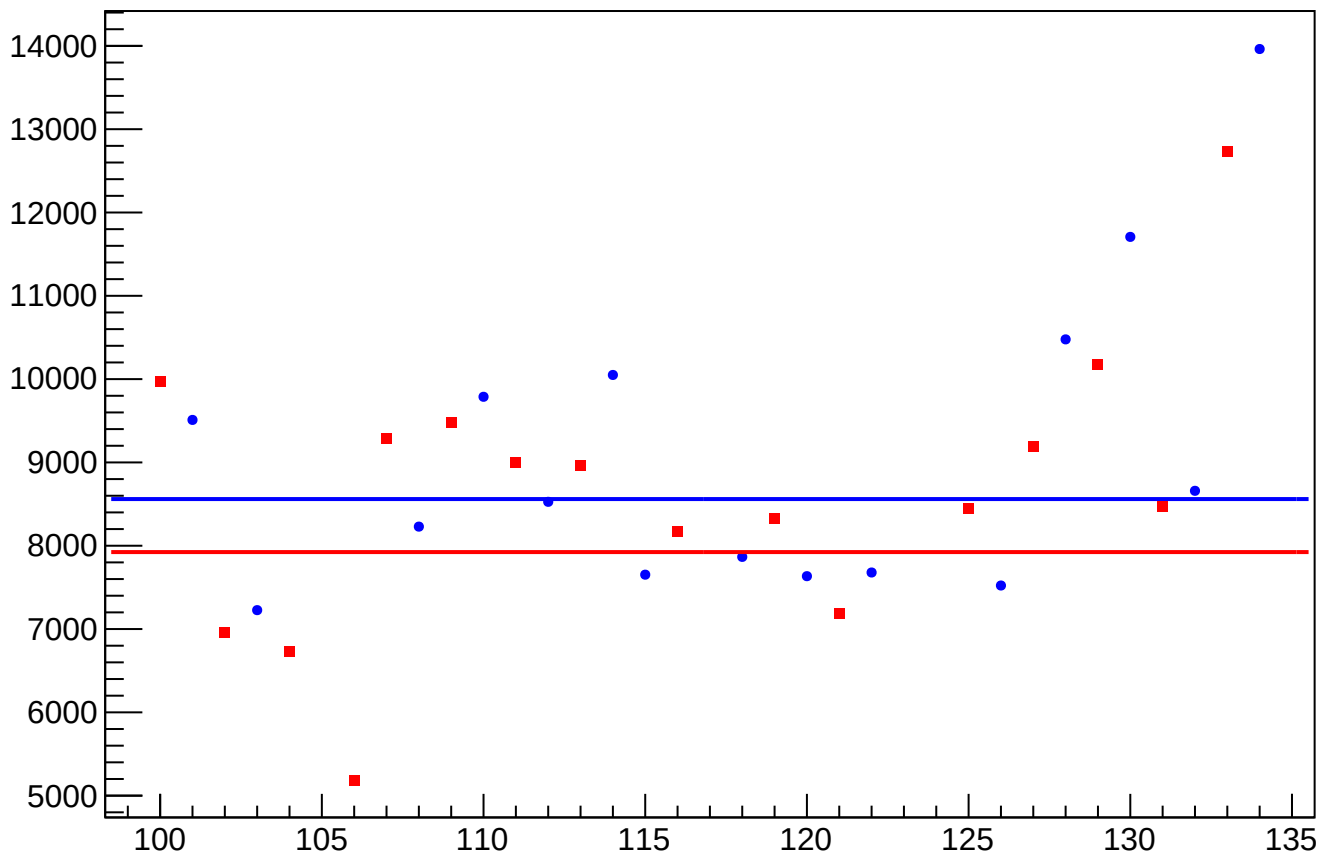
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -437.408 $\pm$ 2327.759 χ^2 /NDF: 27.2/30

- sign 0.000 $\pm$ 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

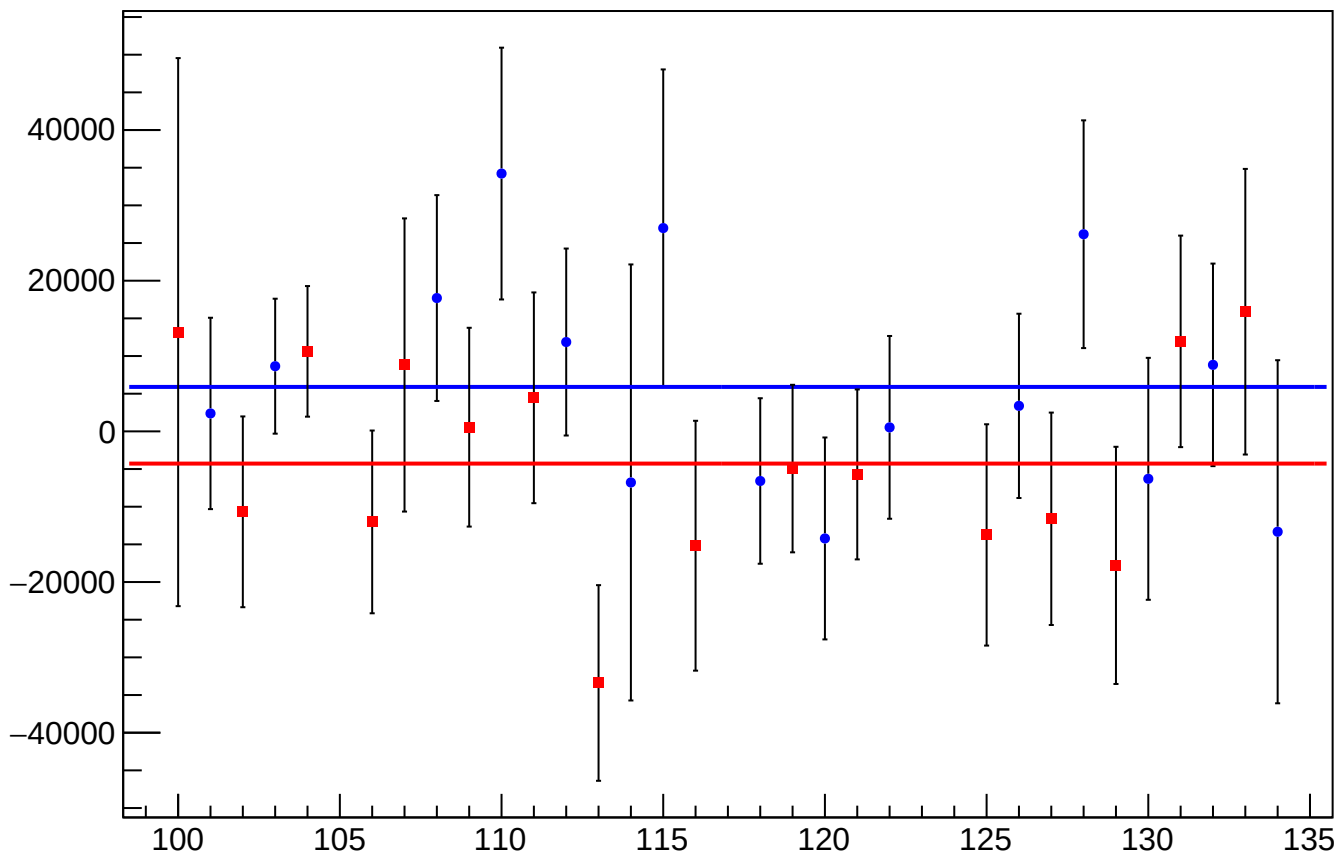
Right Out: 7923.772+/-2.225 χ^2/NDF : 514275.5/15

All: 8212.065+/-1.646 χ^2/NDF : 893245.7/30

- 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: -4277.450+/-3377.511 χ^2/NDF : 14.2/15

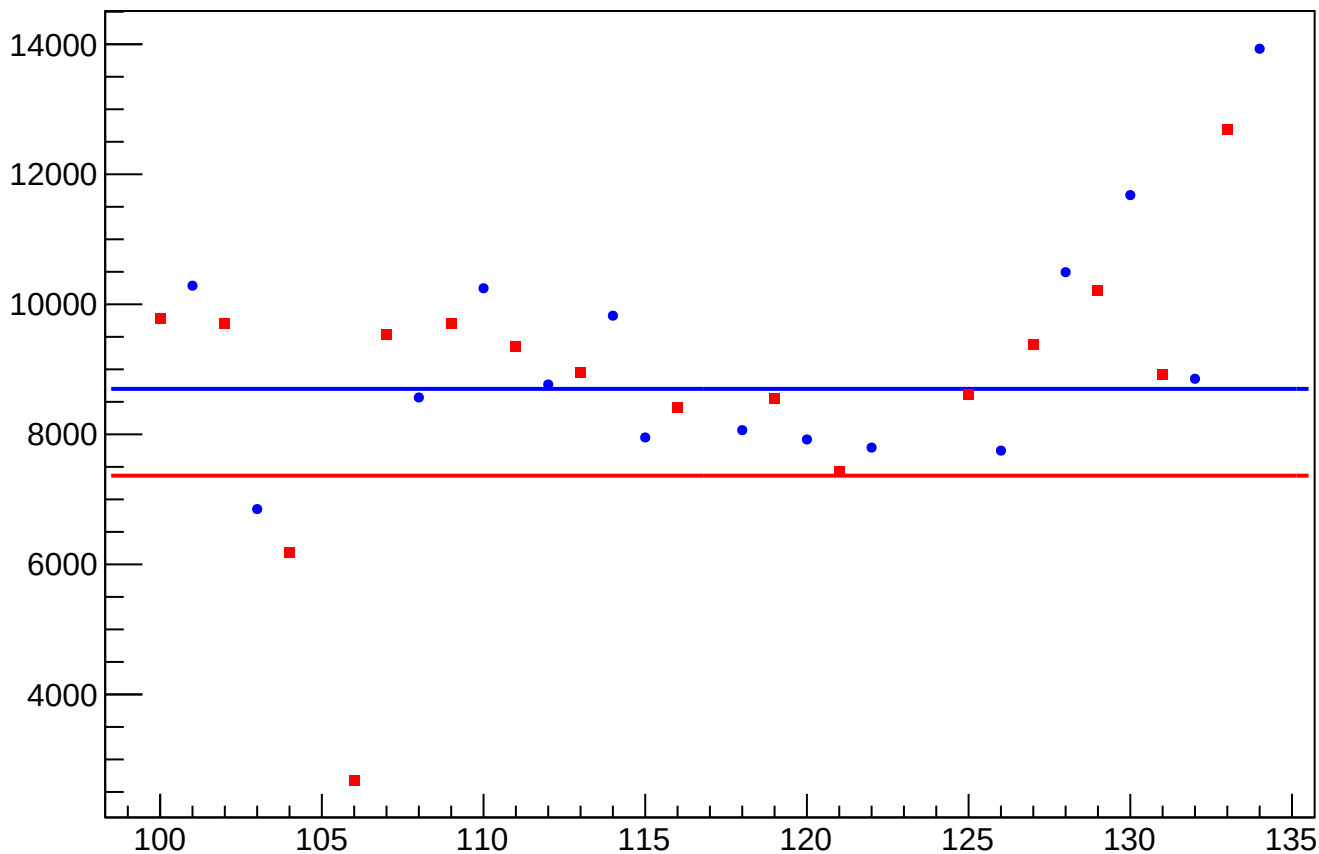
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 597.464+/-2437.904 χ^2/NDF : 30.7/30

- 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

Right Out: 7364.761 $\pm$ 2.204 χ^2 /NDF: 1576136.4/15

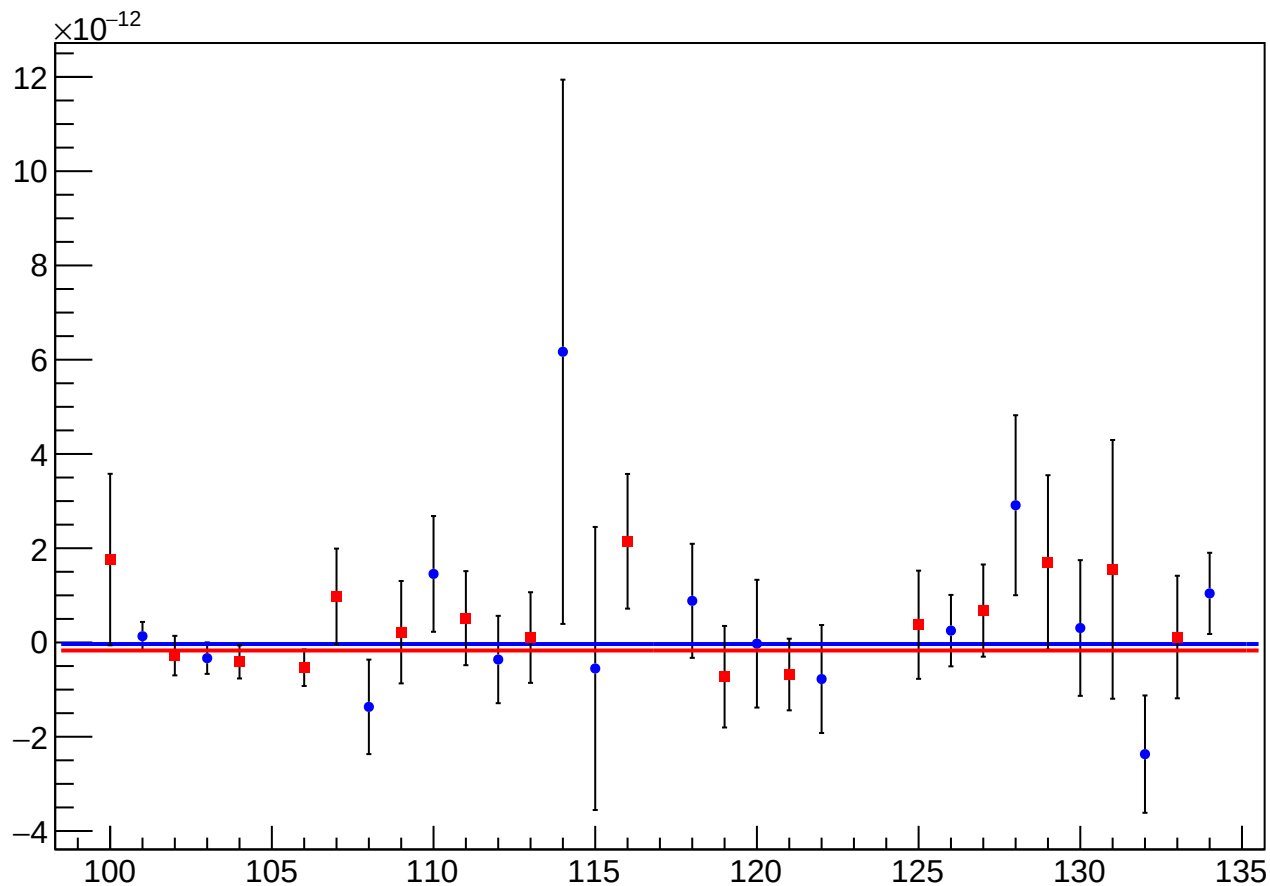
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7950.939 $\pm$ 1.651 χ^2 /NDF: 2116111.7/30

- sign 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 : 10.3/15

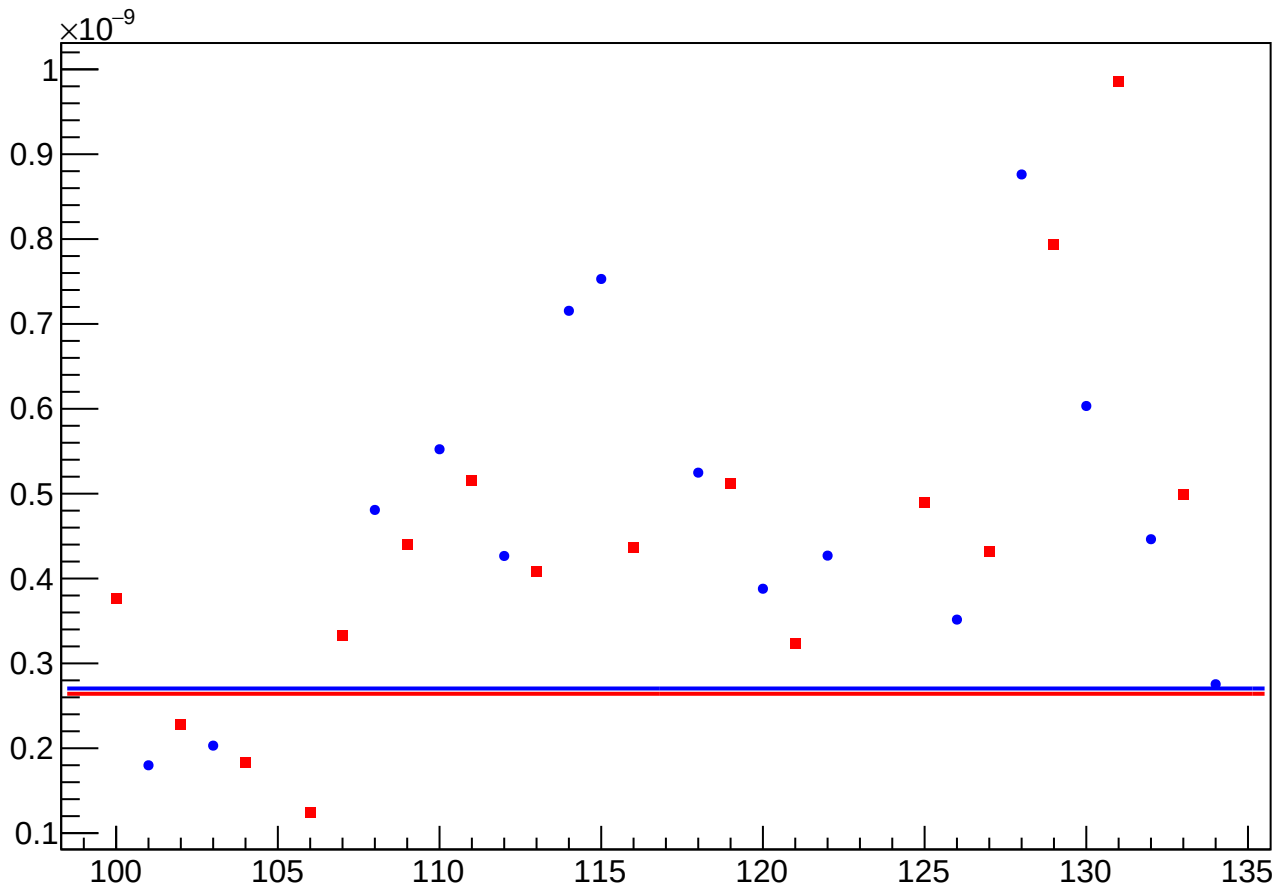
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.9/30

- 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 : 1274027.1/15

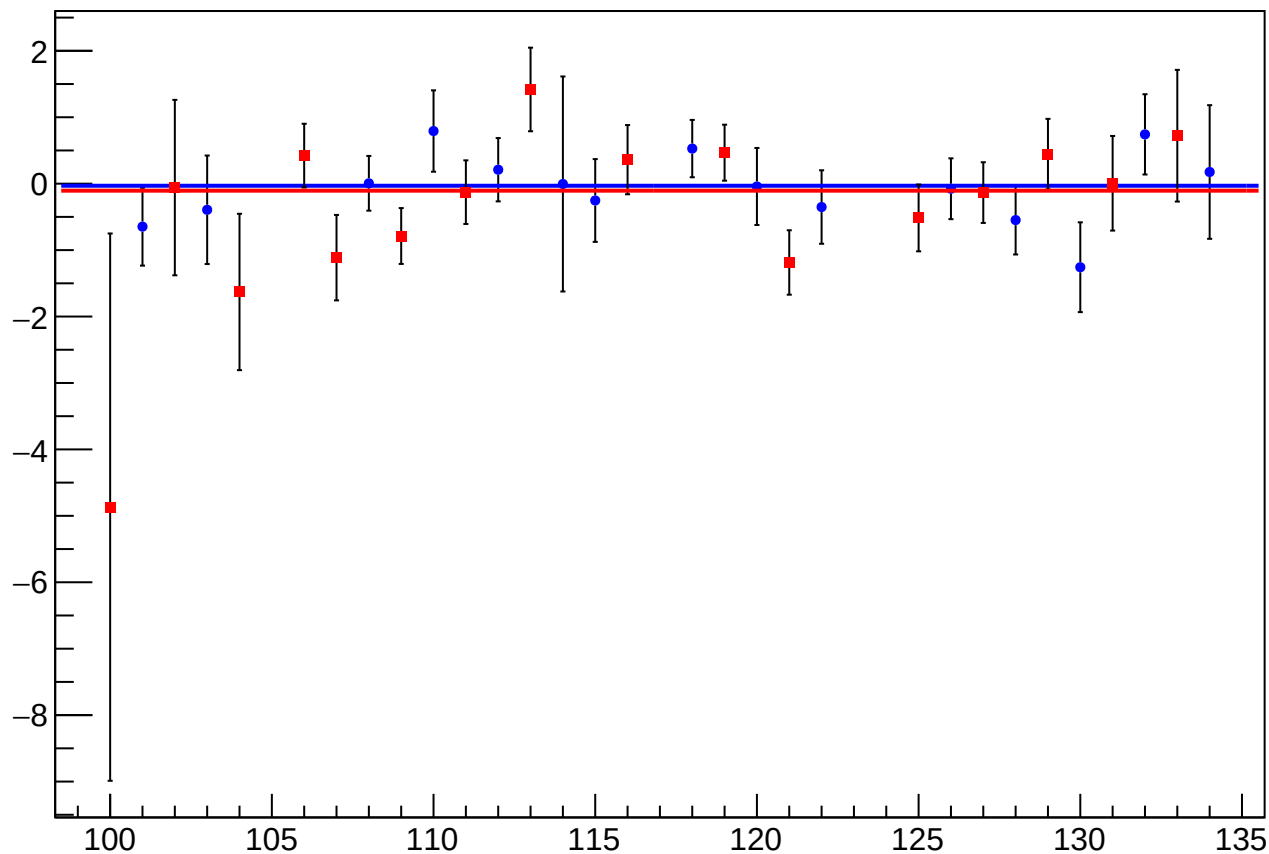
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2360862.8/30

- 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: -0.105+/-0.142 χ^2 /NDF: 25.3/15

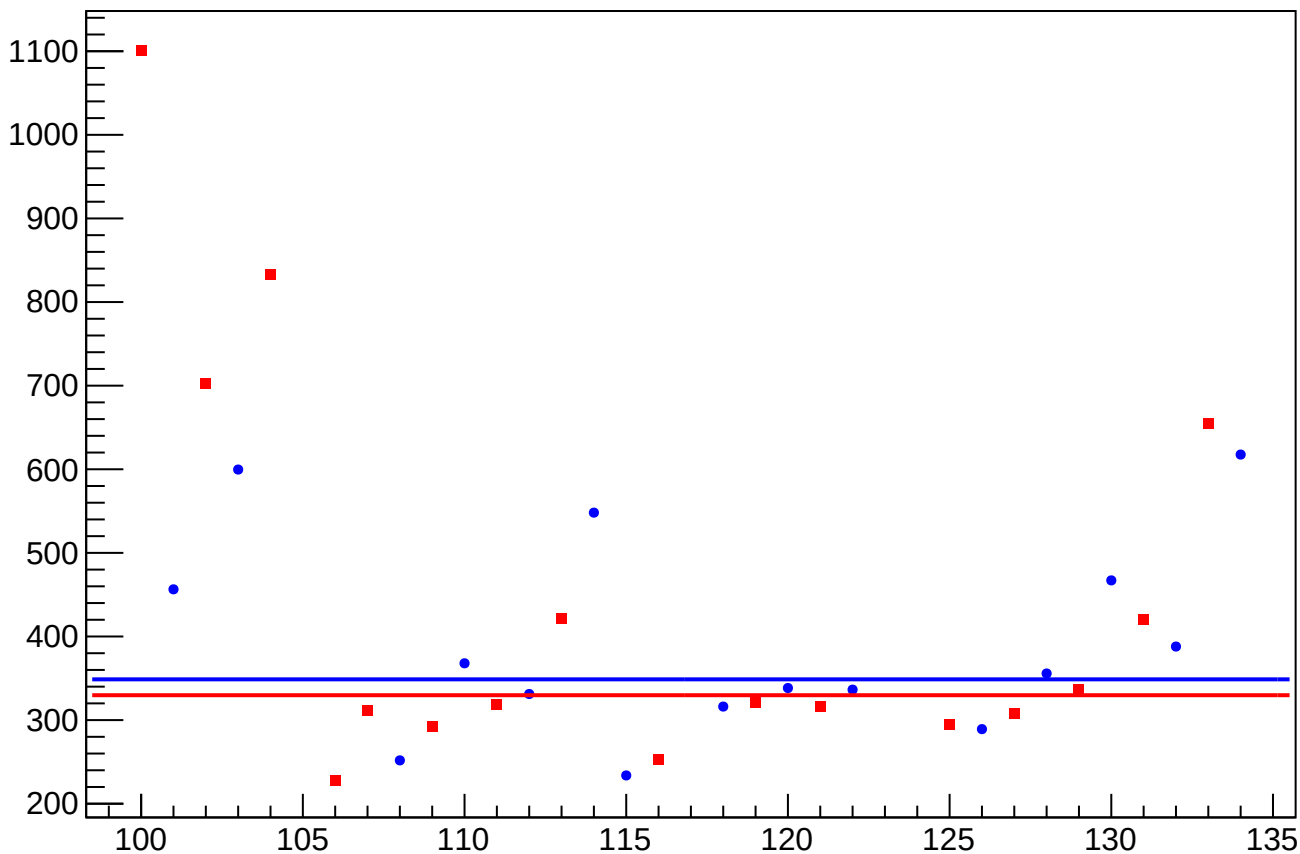
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.069+/-0.102 χ^2 /NDF: 36.9/30

- 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: 329.769+/-0.100 χ^2/NDF : 1055294.3/15

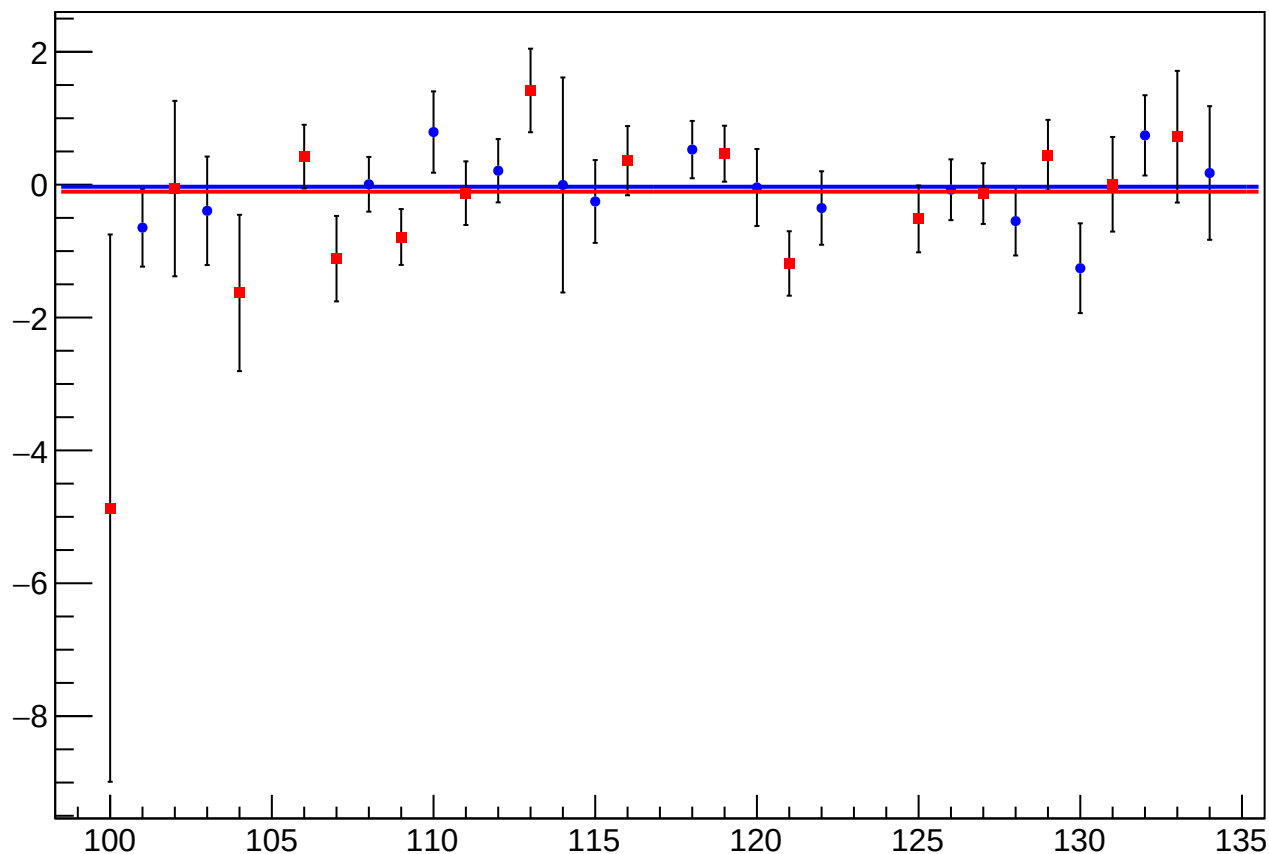
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 338.943+/-0.072 χ^2/NDF : 1802242.0/30

- 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: -0.105+/-0.142 χ^2 /NDF: 25.3/15

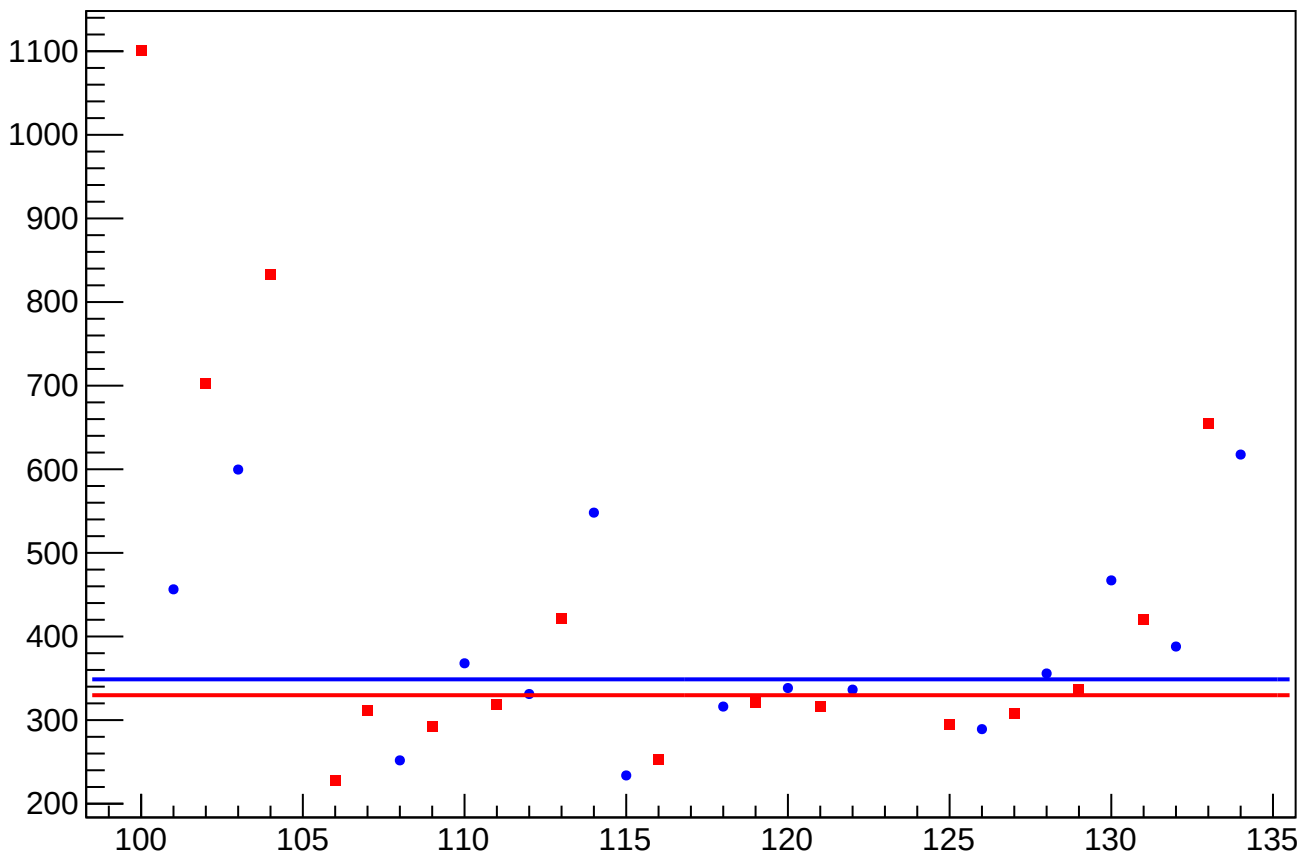
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.069+/-0.102 χ^2 /NDF: 36.9/30

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

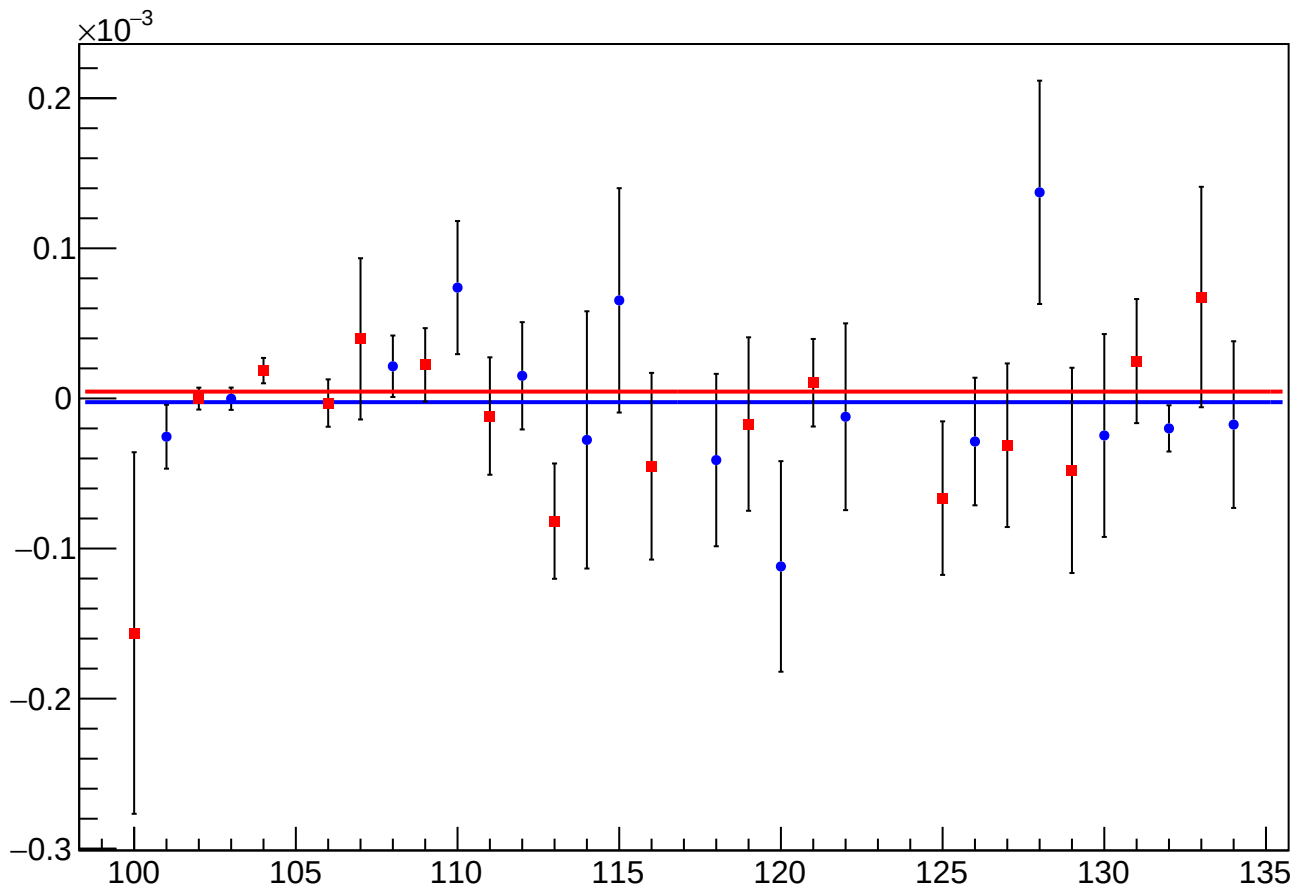
Right Out: 329.769+/-0.100 χ^2/NDF : 1055294.3/15

All: 338.943+/-0.072 χ^2/NDF : 1802242.0/30

- 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_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: 16.1/15

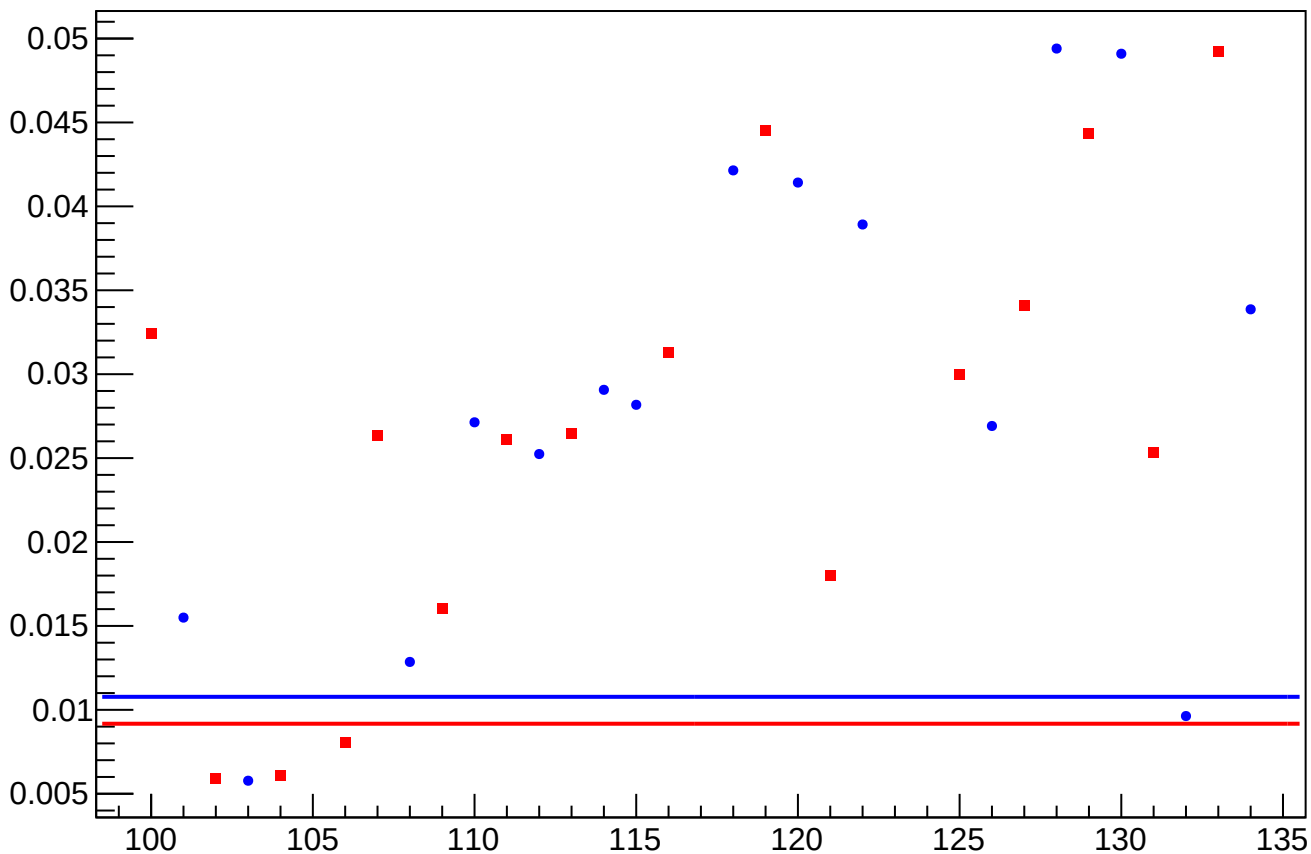
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 32.0/30

- 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 : 5261723.2/15

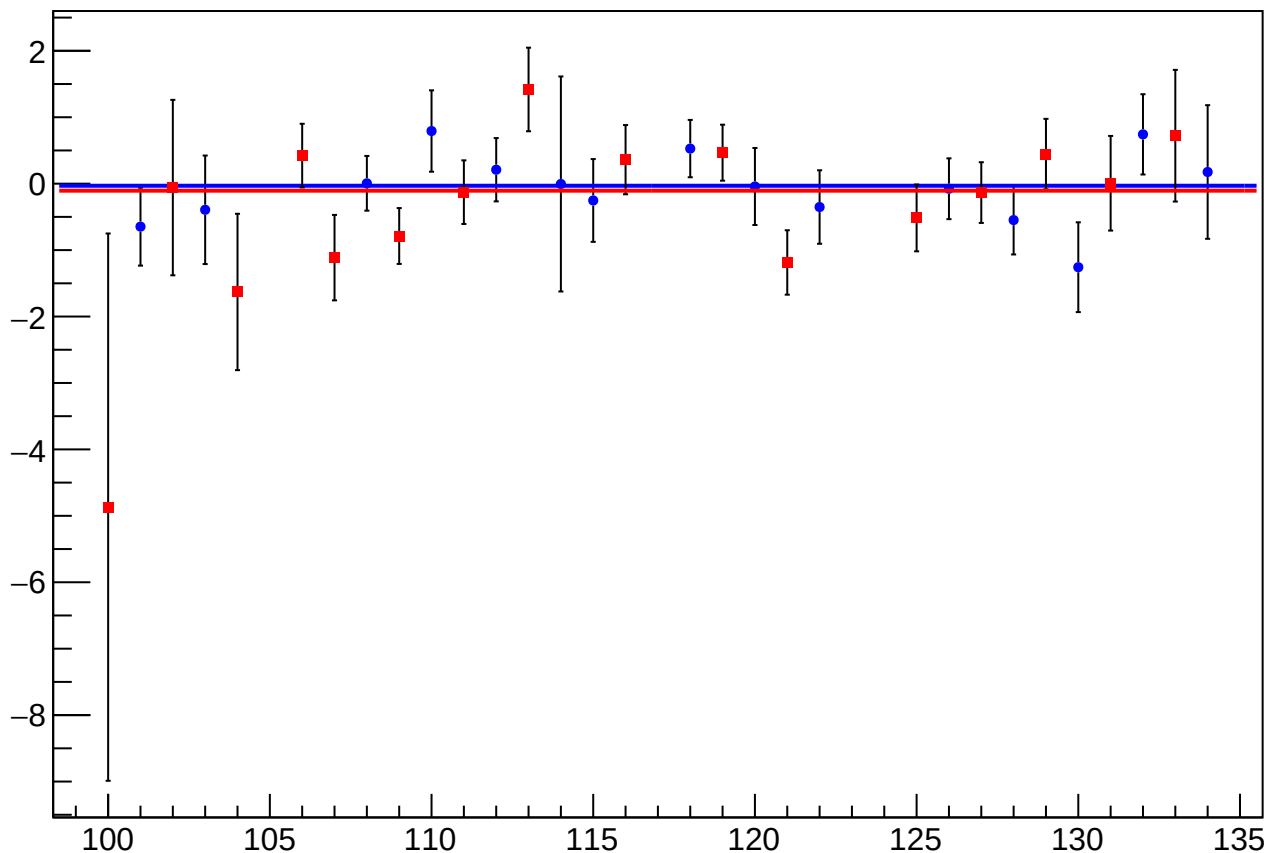
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 10393120.8/30

- 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 $\pm$ 0.147 χ^2 /NDF: 11.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.105 $\pm$ 0.142 χ^2 /NDF: 25.3/15

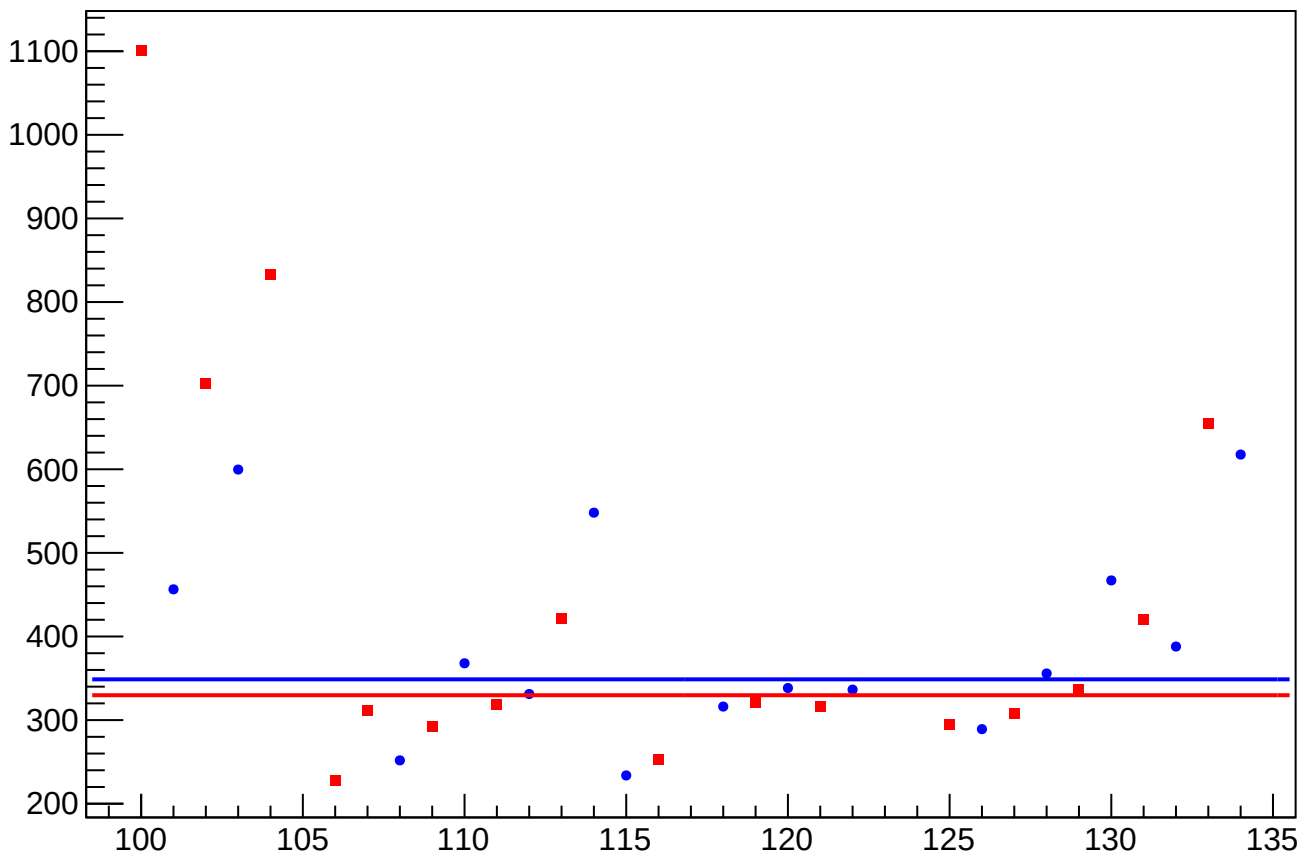
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.069 $\pm$ 0.102 χ^2 /NDF: 36.9/30

- sign 0.000 $\pm$ 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: 329.767+/-0.100 χ^2/NDF : 1055257.3/15

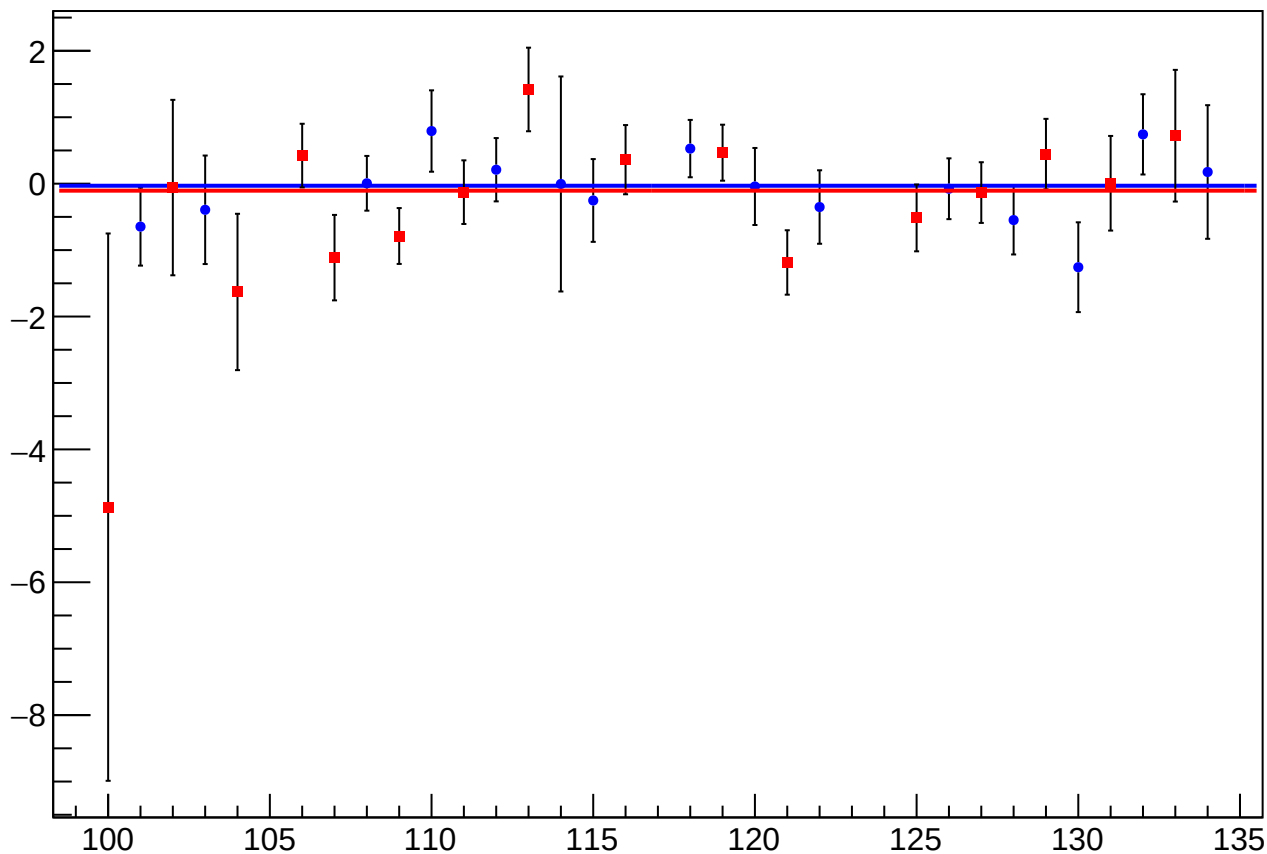
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 338.941+/-0.072 χ^2/NDF : 1802157.6/30

- 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: -0.105 ± 0.142 χ^2/NDF : 25.3/15

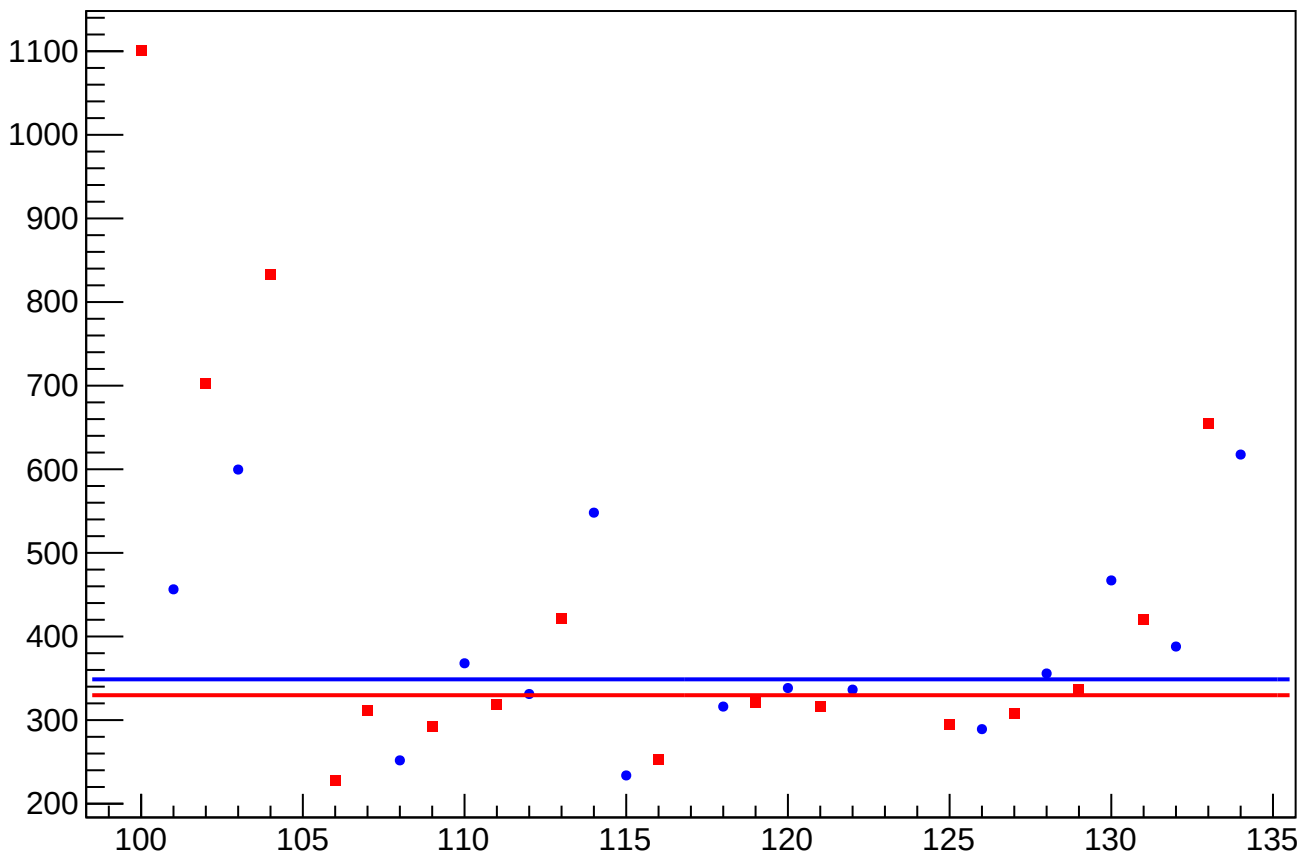
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.069 ± 0.102 χ^2/NDF : 36.9/30

- 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 $\pm$ 0.104 χ^2 /NDF: 729658.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 329.767 $\pm$ 0.100 χ^2 /NDF: 1055257.3/15

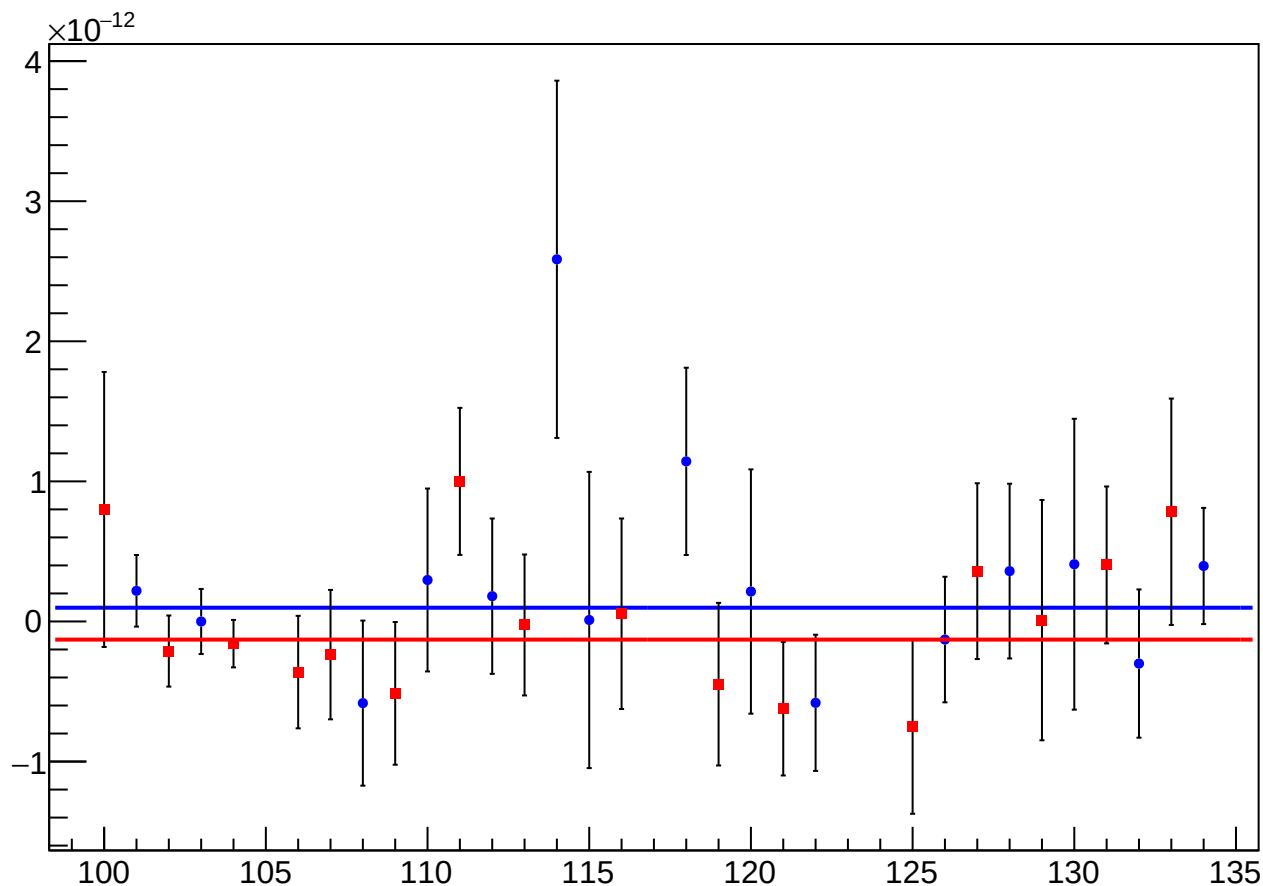
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 338.941 $\pm$ 0.072 χ^2 /NDF: 1802157.6/30

- sign 0.000 $\pm$ 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 : 11.9/15

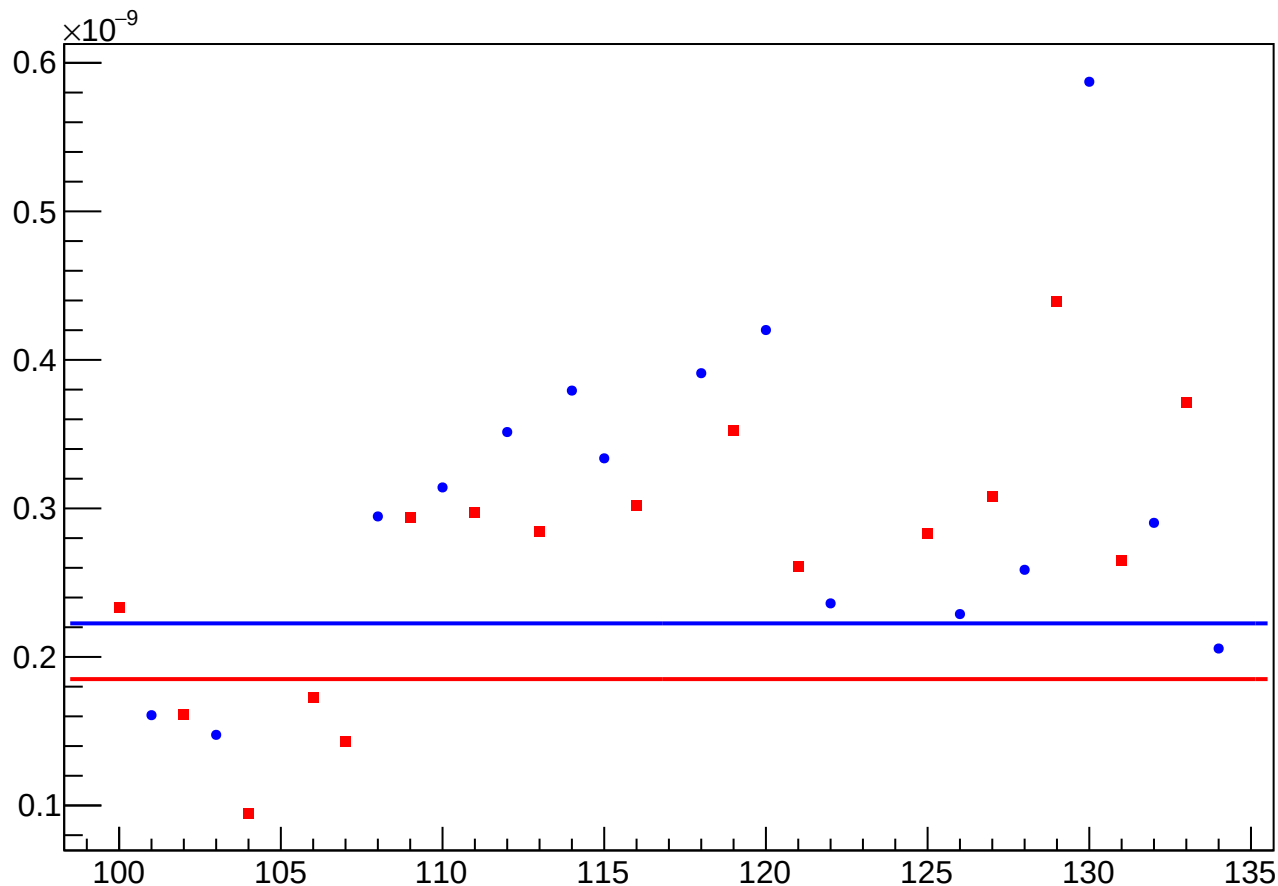
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.7/30

- 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 : 1598120.6/15

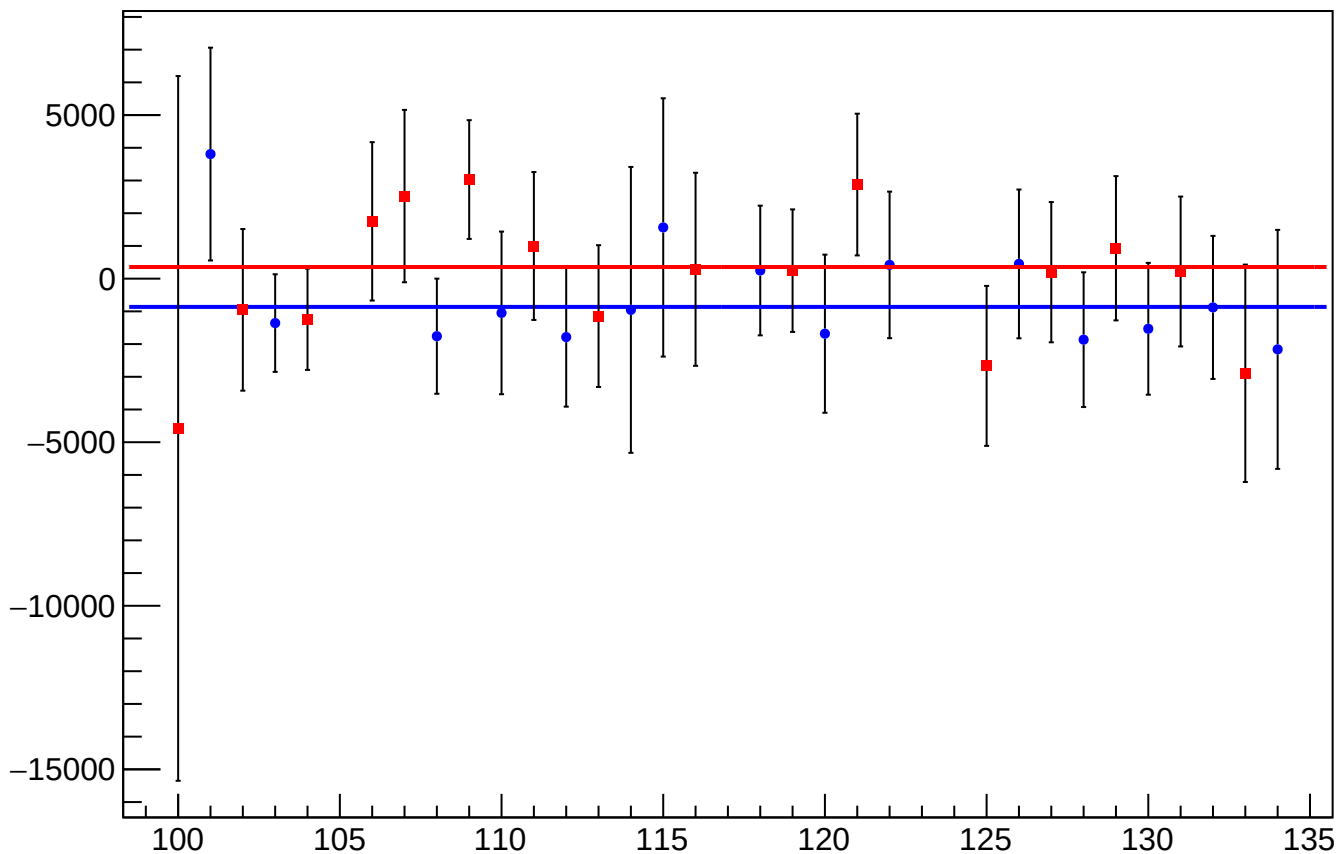
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2787010.0/30

- 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: 355.892 $\pm$ 567.868 χ^2 /NDF: 9.2/15

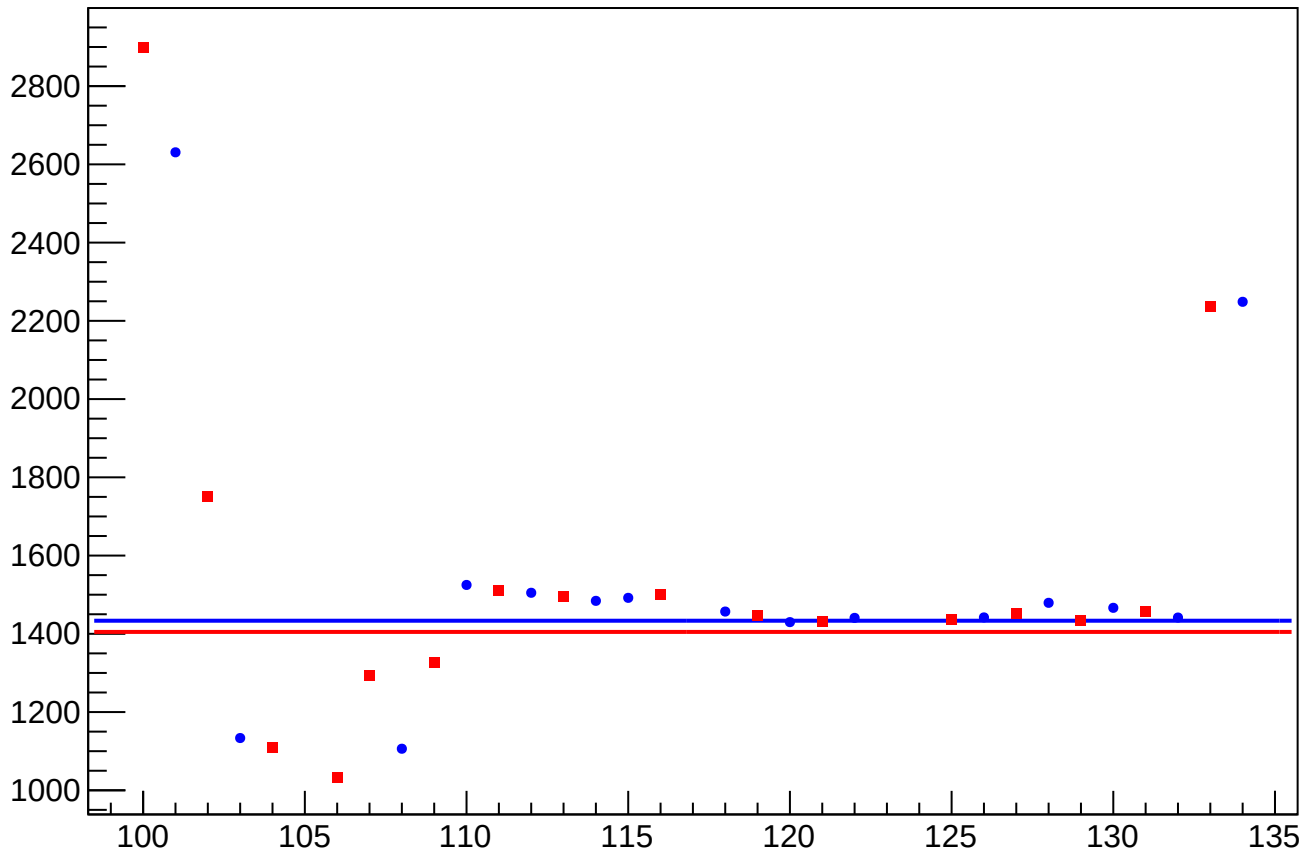
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -238.876 $\pm$ 406.497 χ^2 /NDF: 16.0/30

- 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: 1404.857+/-0.398 χ^2/NDF : 357734.1/15

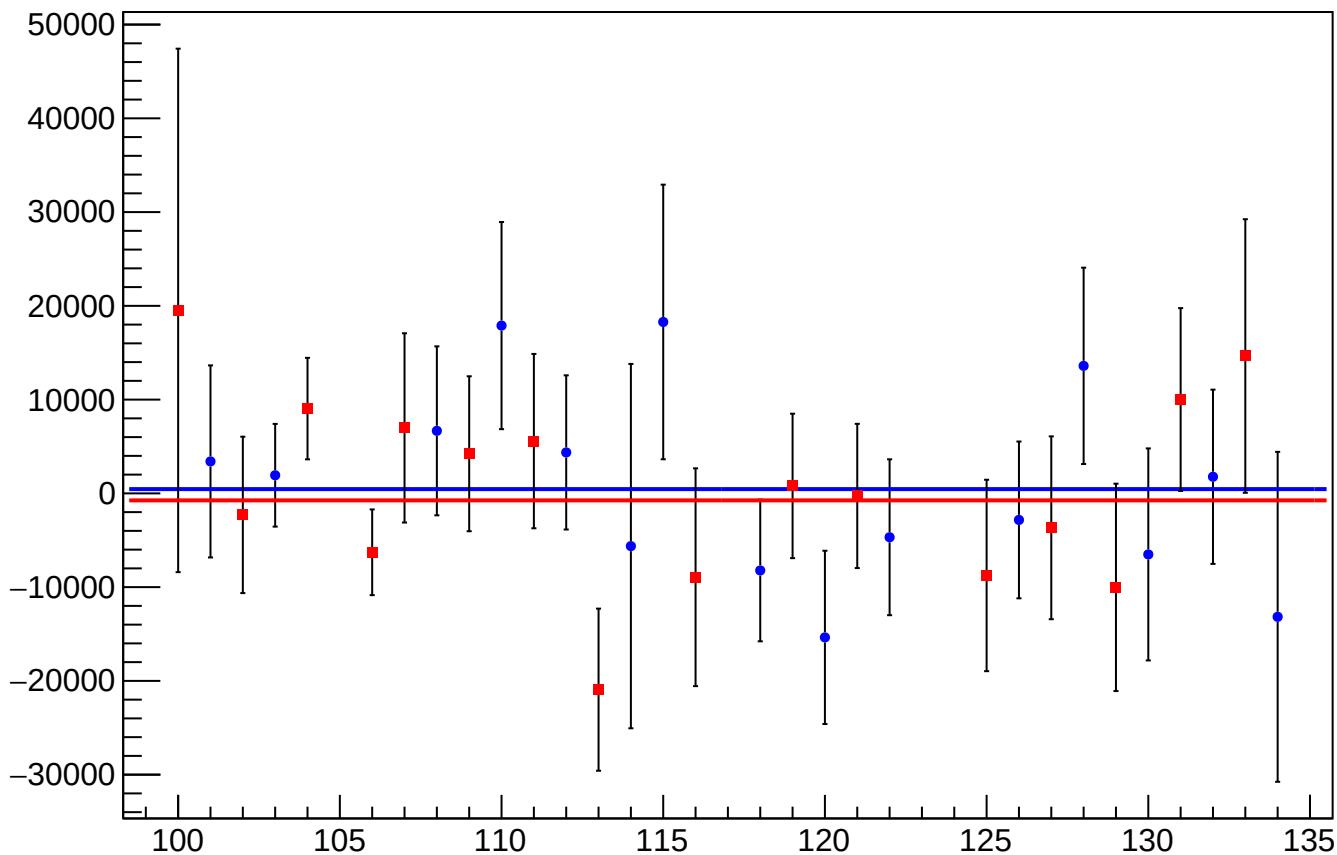
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1418.697+/-0.286 χ^2/NDF : 888387.5/30

- 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: -747.118 $\pm$ 2077.334 χ^2 /NDF: 16.4/15

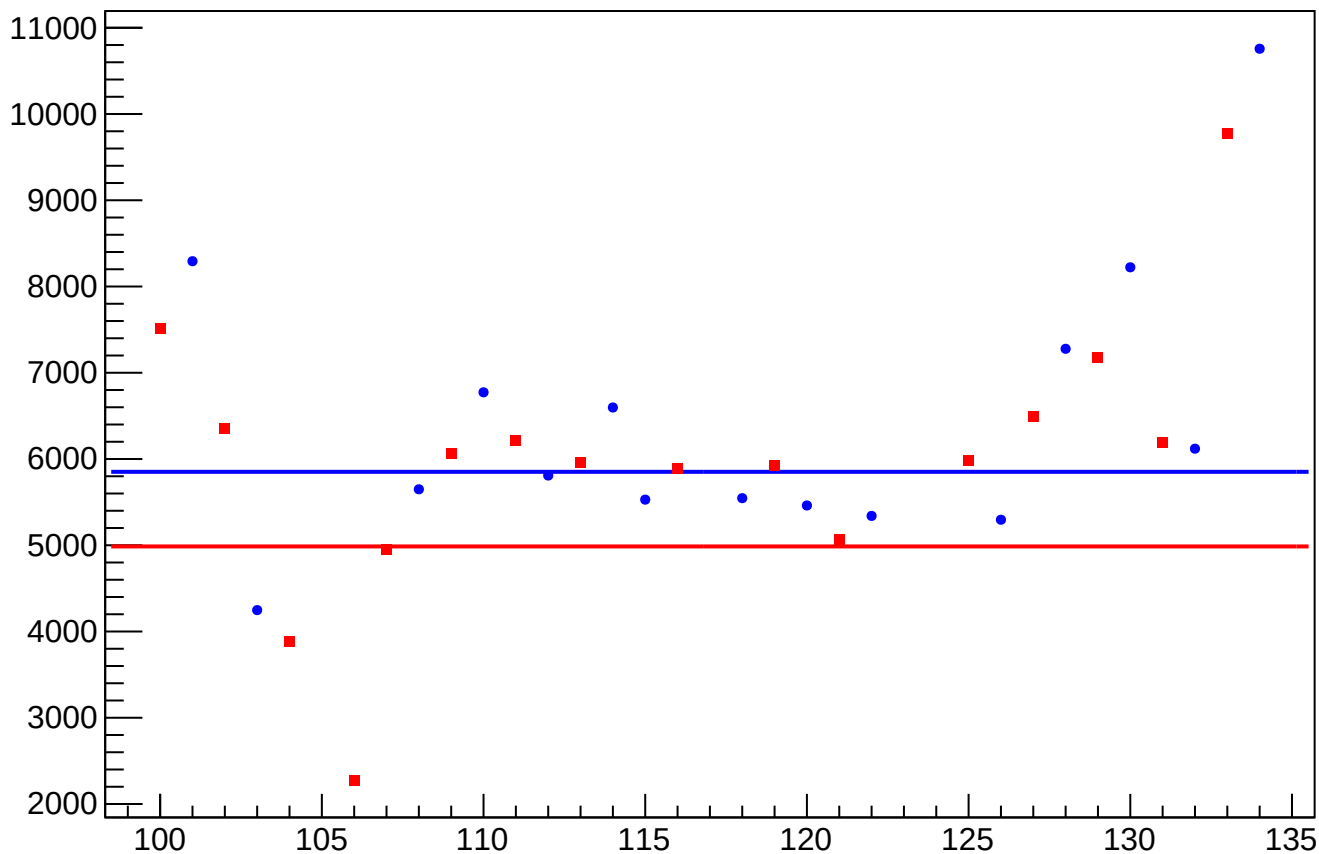
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -229.584 $\pm$ 1567.572 χ^2 /NDF: 28.9/30

- 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

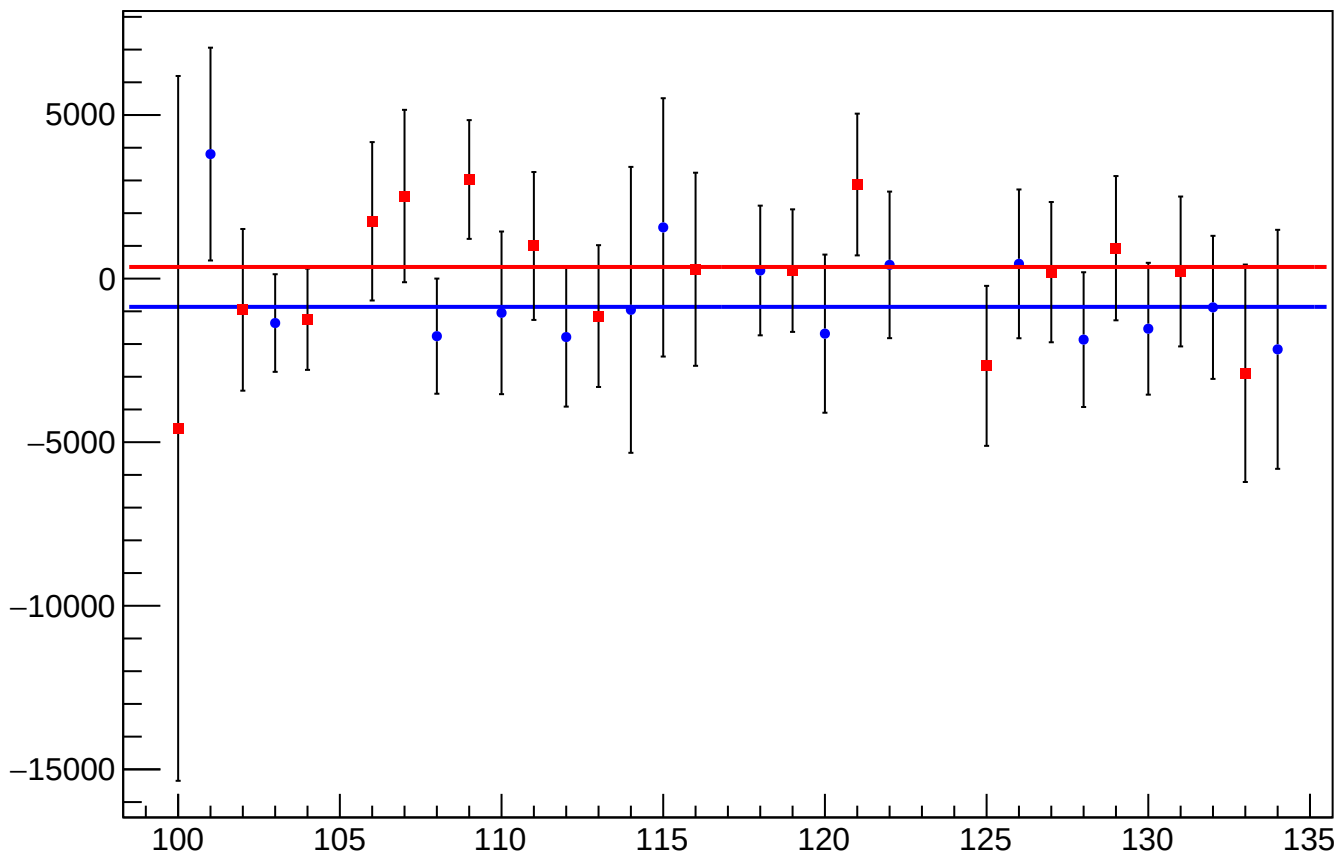
Right Out: 4986.280+/-1.469 χ^2/NDF : 1385165.0/15

All: 5358.802+/-1.108 χ^2/NDF : 2143881.2/30

- 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: 355.699+/-567.868 χ^2 /NDF: 9.2/15

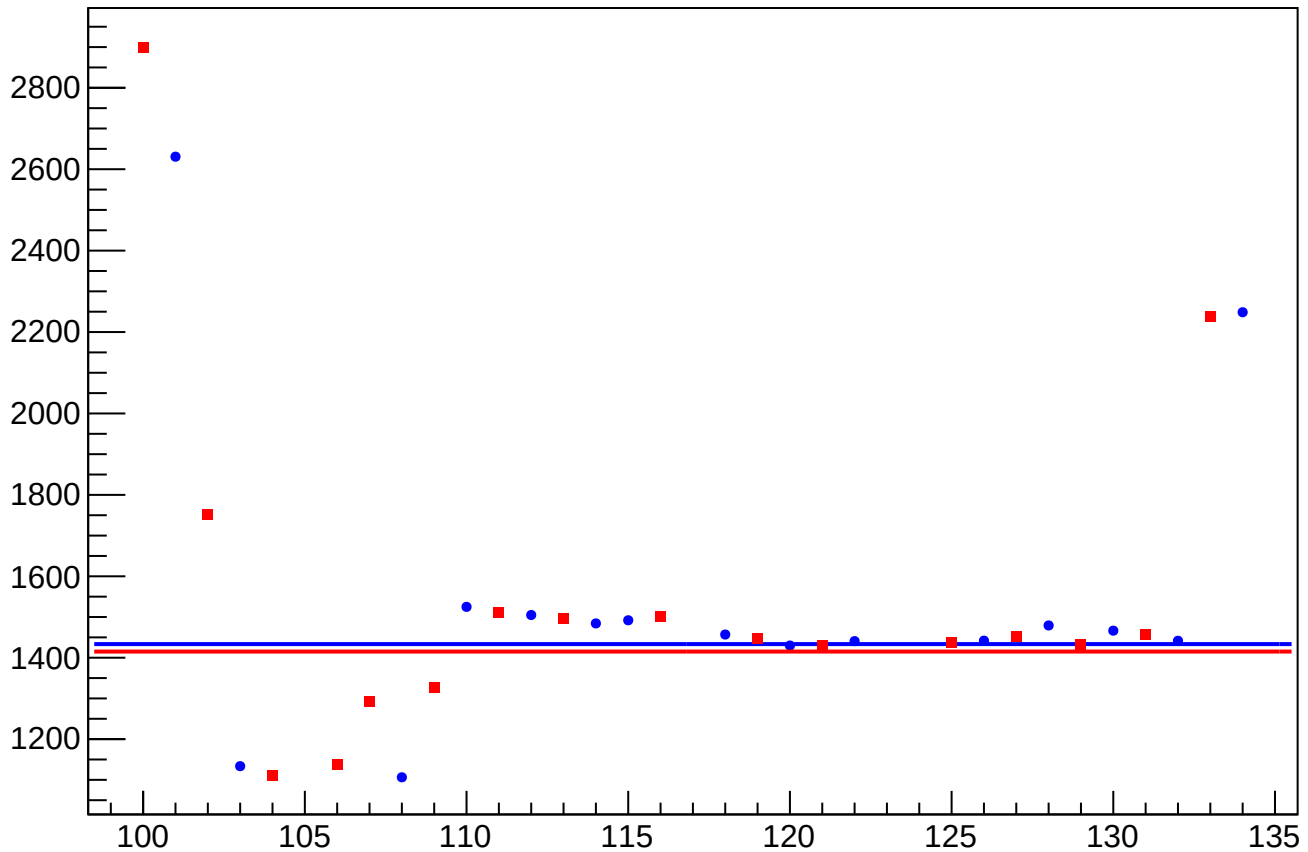
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -239.010+/-406.497 χ^2 /NDF: 16.0/30

- 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

Right Out: 1415.144+/-0.401 χ^2/NDF : 322948.5/15

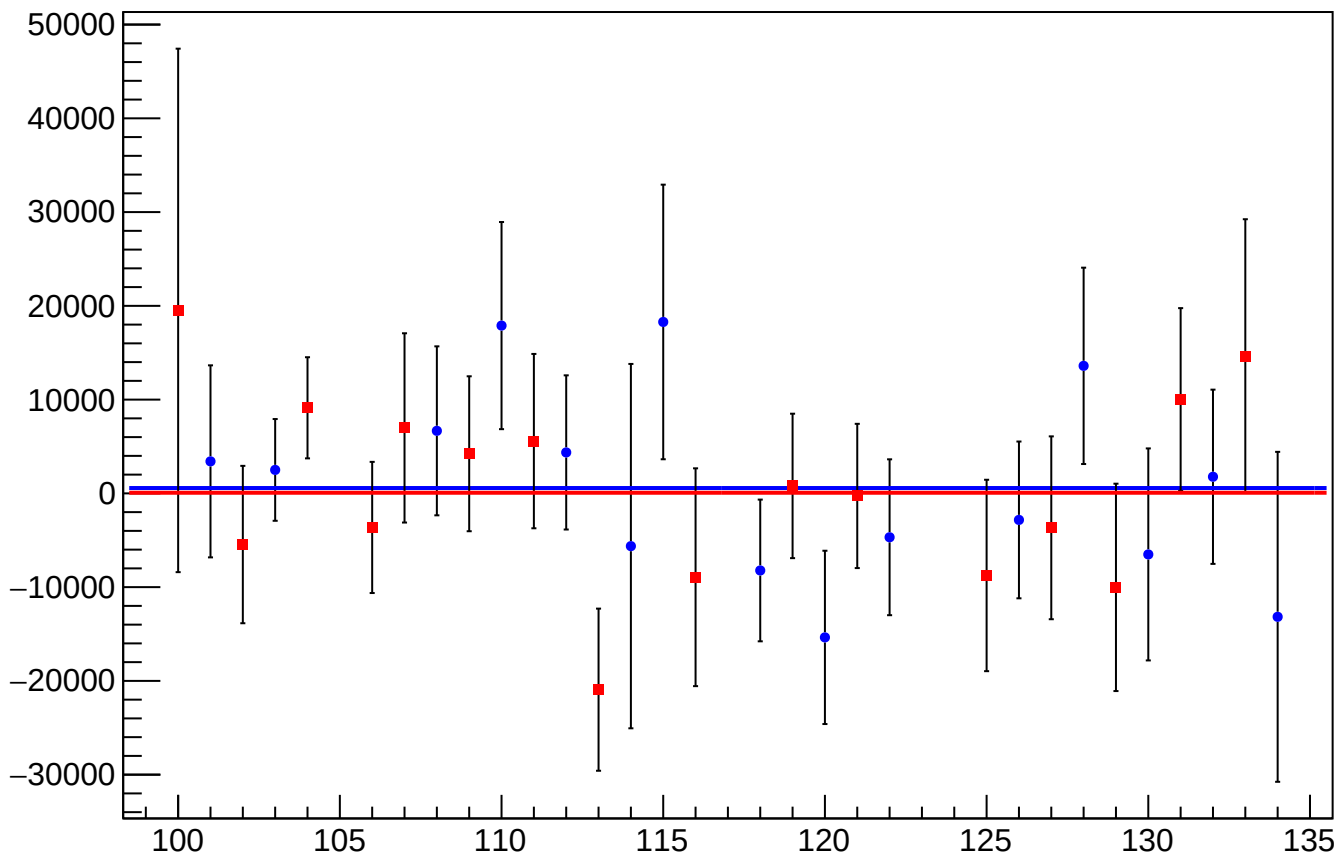
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1424.059+/-0.287 χ^2/NDF : 852125.0/30

- sign 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: 67.397 $\pm$ 2211.952 χ^2 /NDF: 15.4/15

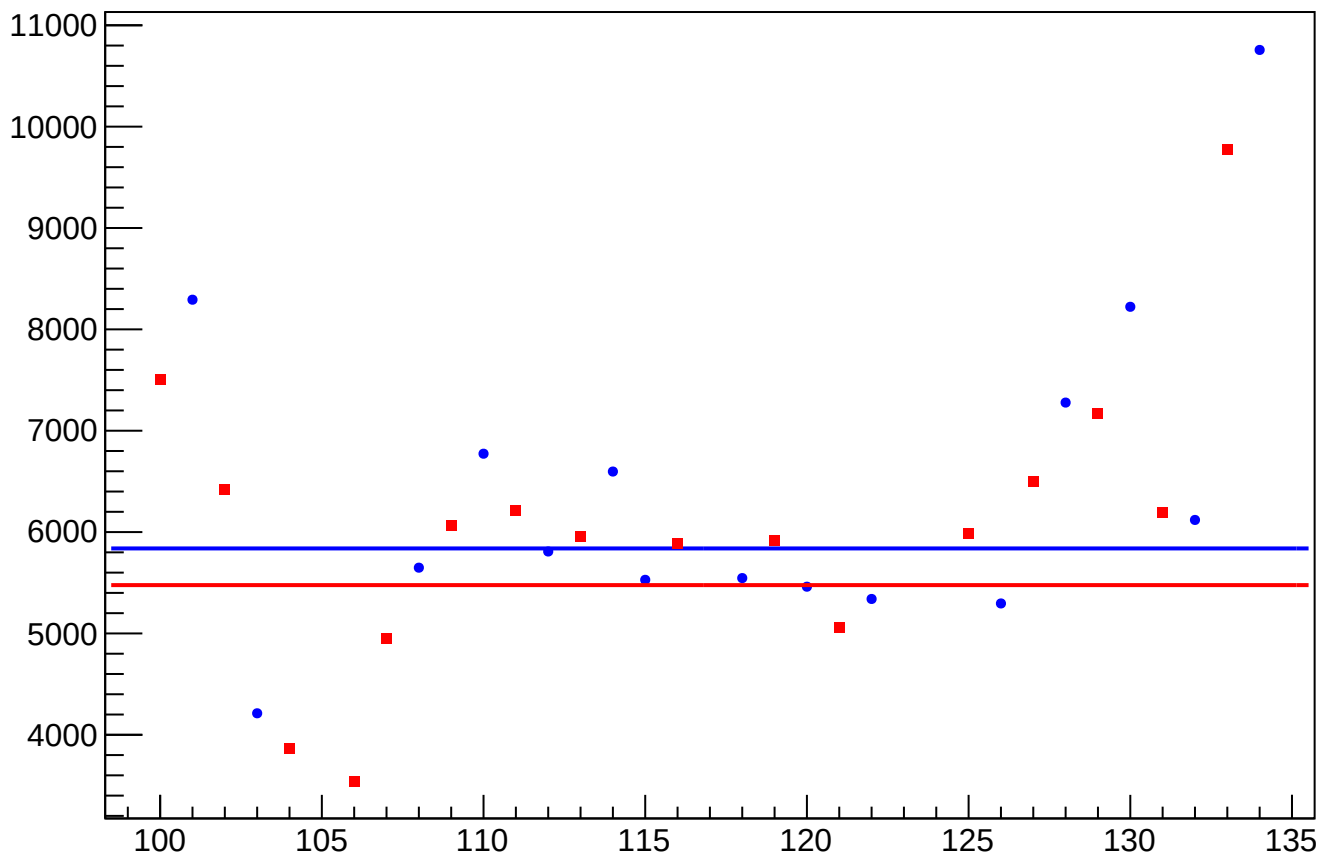
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 300.260 $\pm$ 1621.674 χ^2 /NDF: 27.8/30

- 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

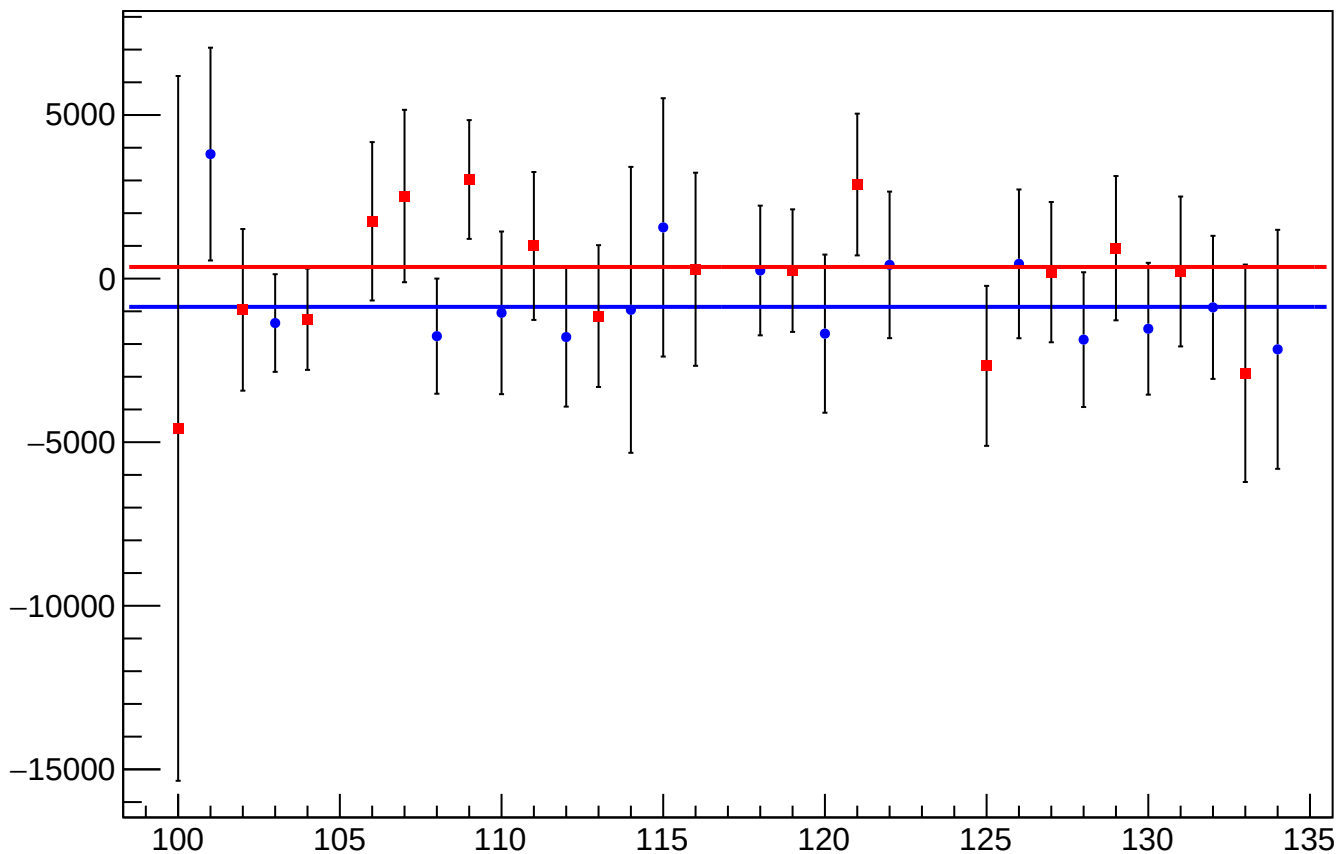
Right Out: 5476.816+/-1.564 χ^2/NDF : 673738.1/15

All: 5644.166+/-1.147 χ^2/NDF : 1318916.0/30

- 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: 355.699 ± 567.868 χ^2/NDF : 9.2/15

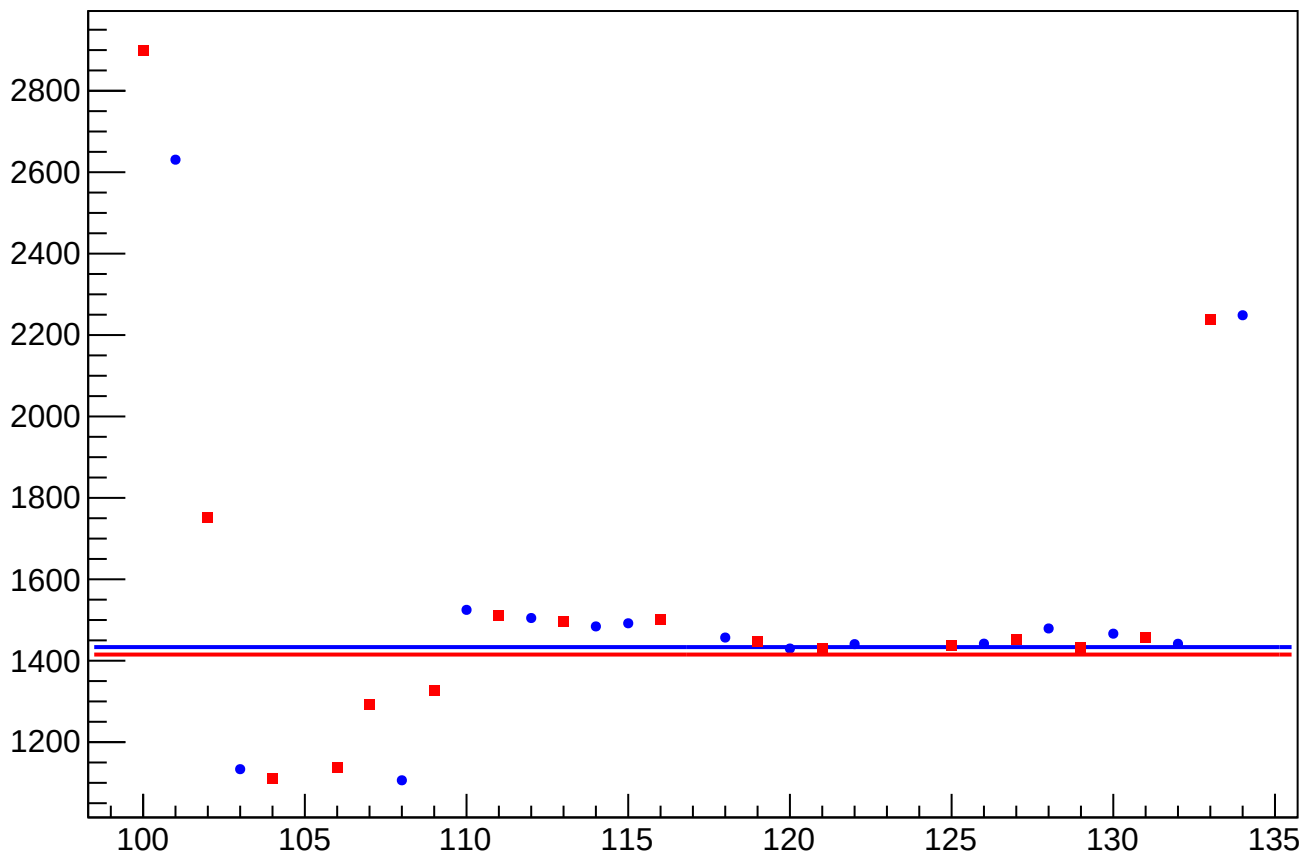
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -239.010 ± 406.497 χ^2/NDF : 16.0/30

- 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

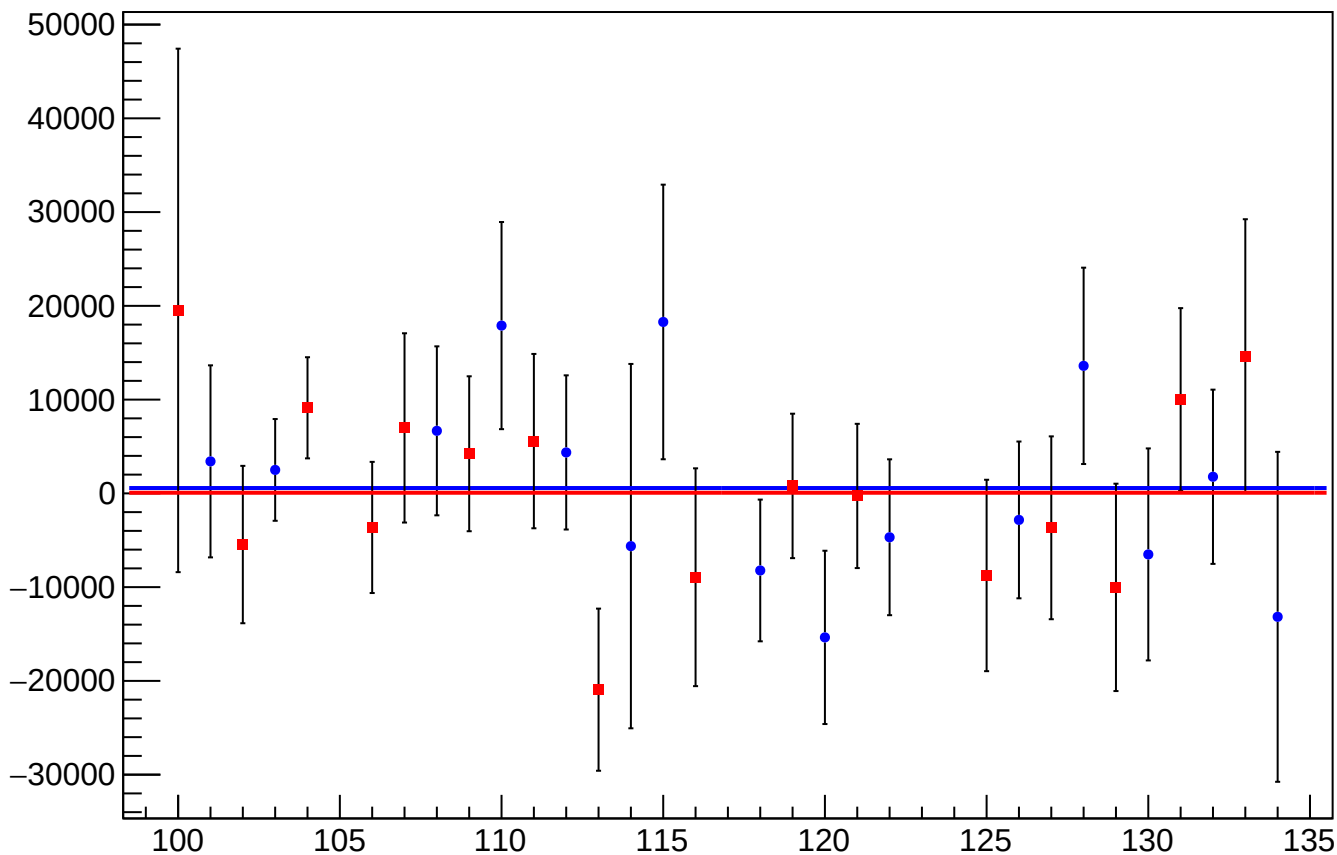
Right Out: 1415.144+/-0.401 χ^2/NDF : 322948.5/15

All: 1424.059+/-0.287 χ^2/NDF : 852125.0/30

- 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: 67.397 $\pm$ 2211.952 χ^2 /NDF: 15.4/15

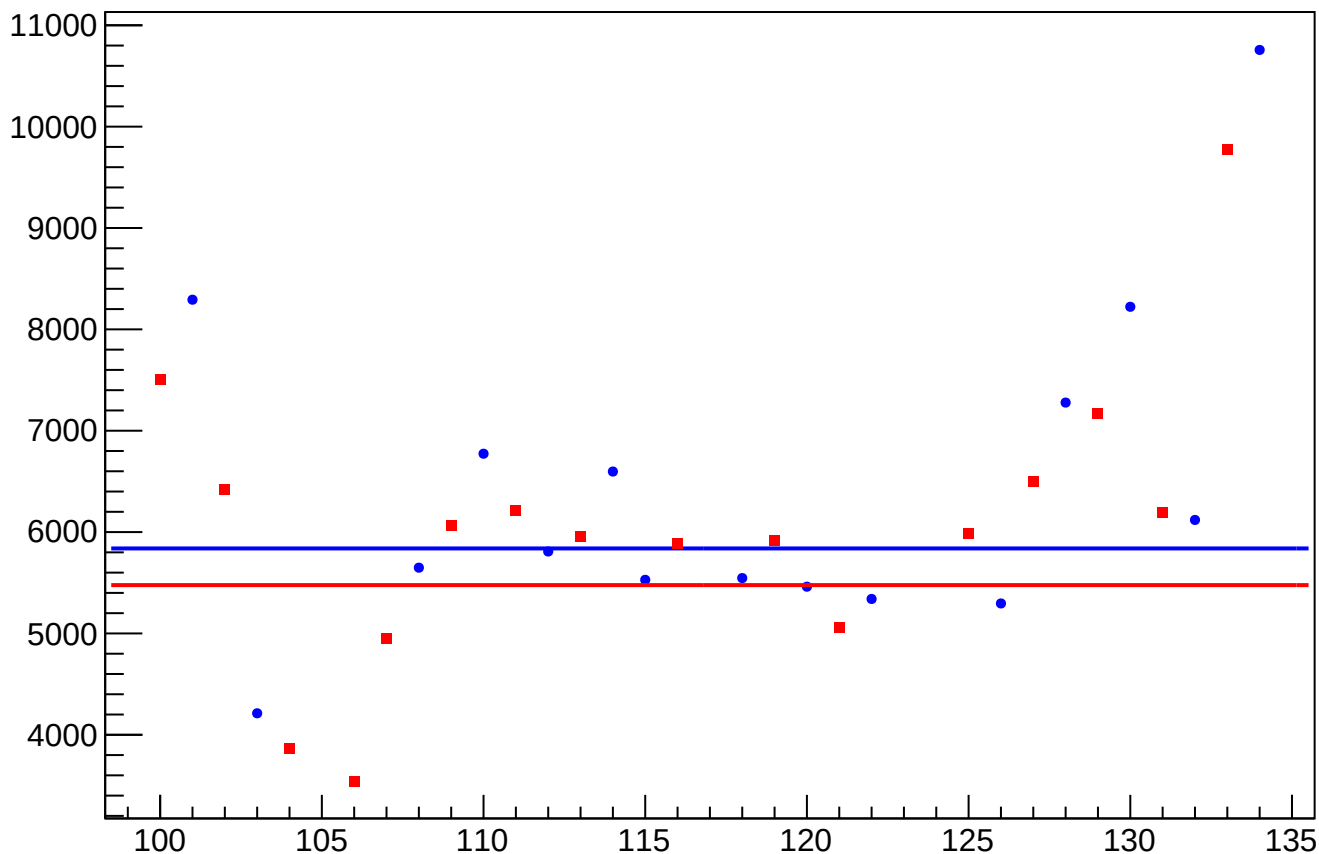
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 300.260 $\pm$ 1621.674 χ^2 /NDF: 27.8/30

- 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: 5476.816+/-1.564 χ^2/NDF : 673738.1/15

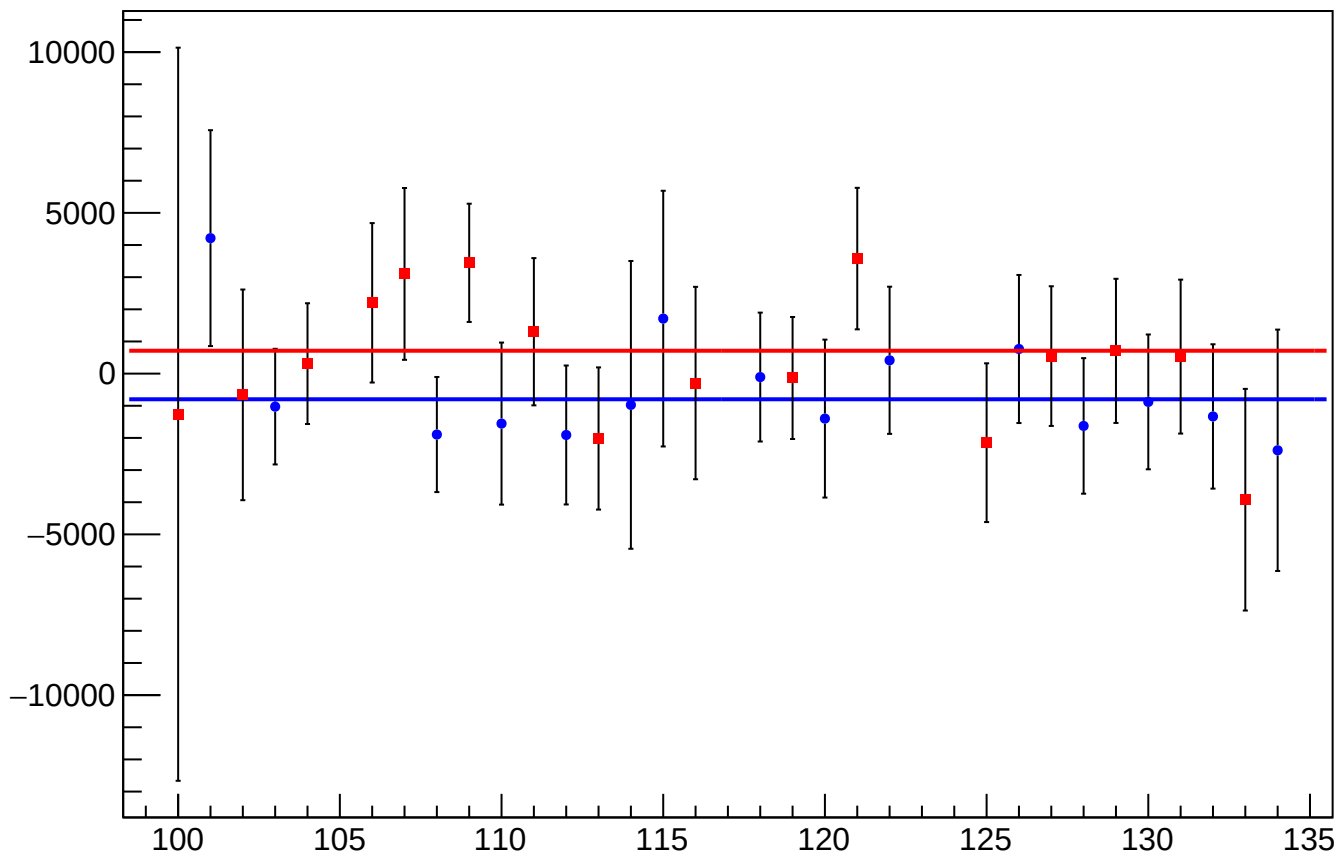
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5644.166+/-1.147 χ^2/NDF : 1318916.0/30

- 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+/-607.415 χ^2/NDF : 4.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 711.923+/-596.833 χ^2/NDF : 10.4/15

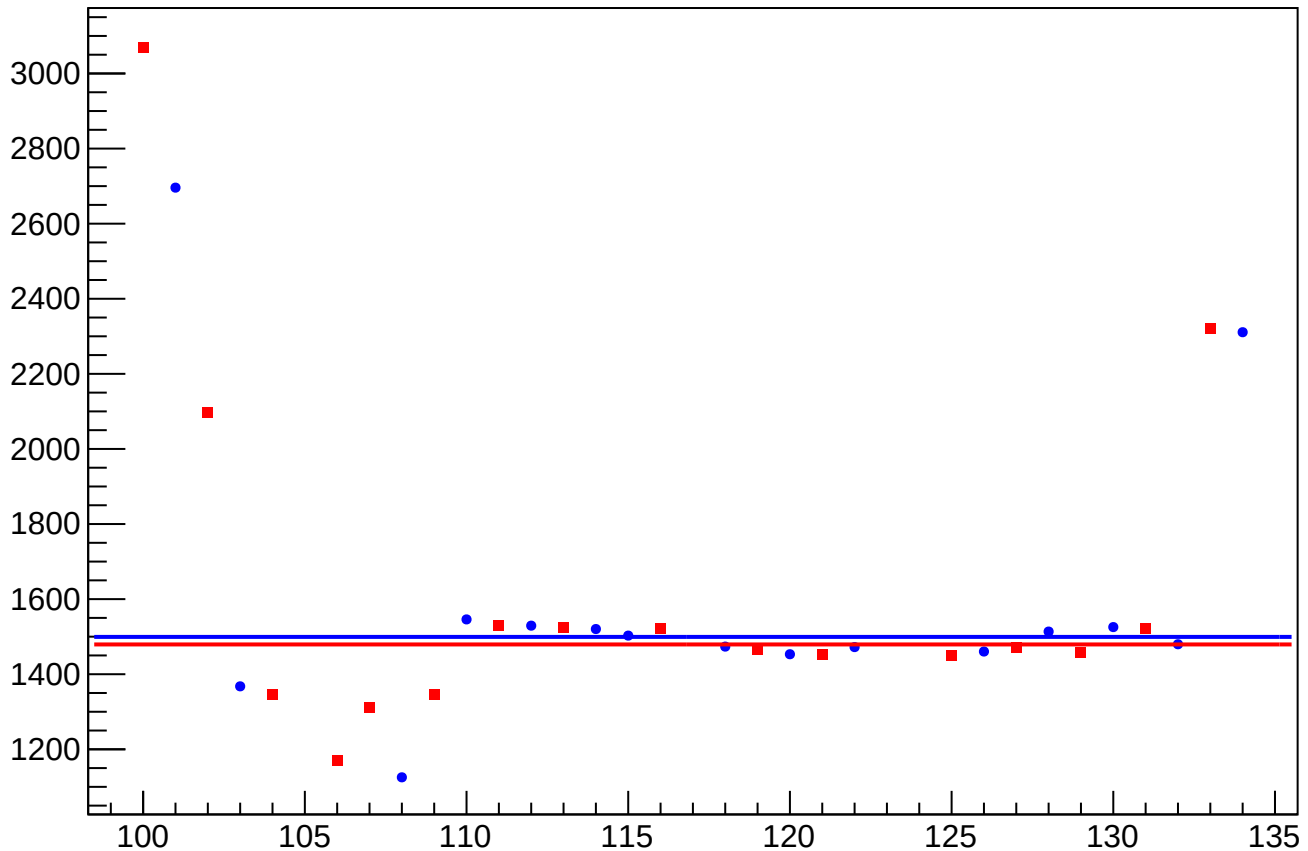
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.779+/-425.717 χ^2/NDF : 18.2/30

- sign 0.000+/-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: 1479.294+/-0.422 χ^2/NDF : 292649.6/15

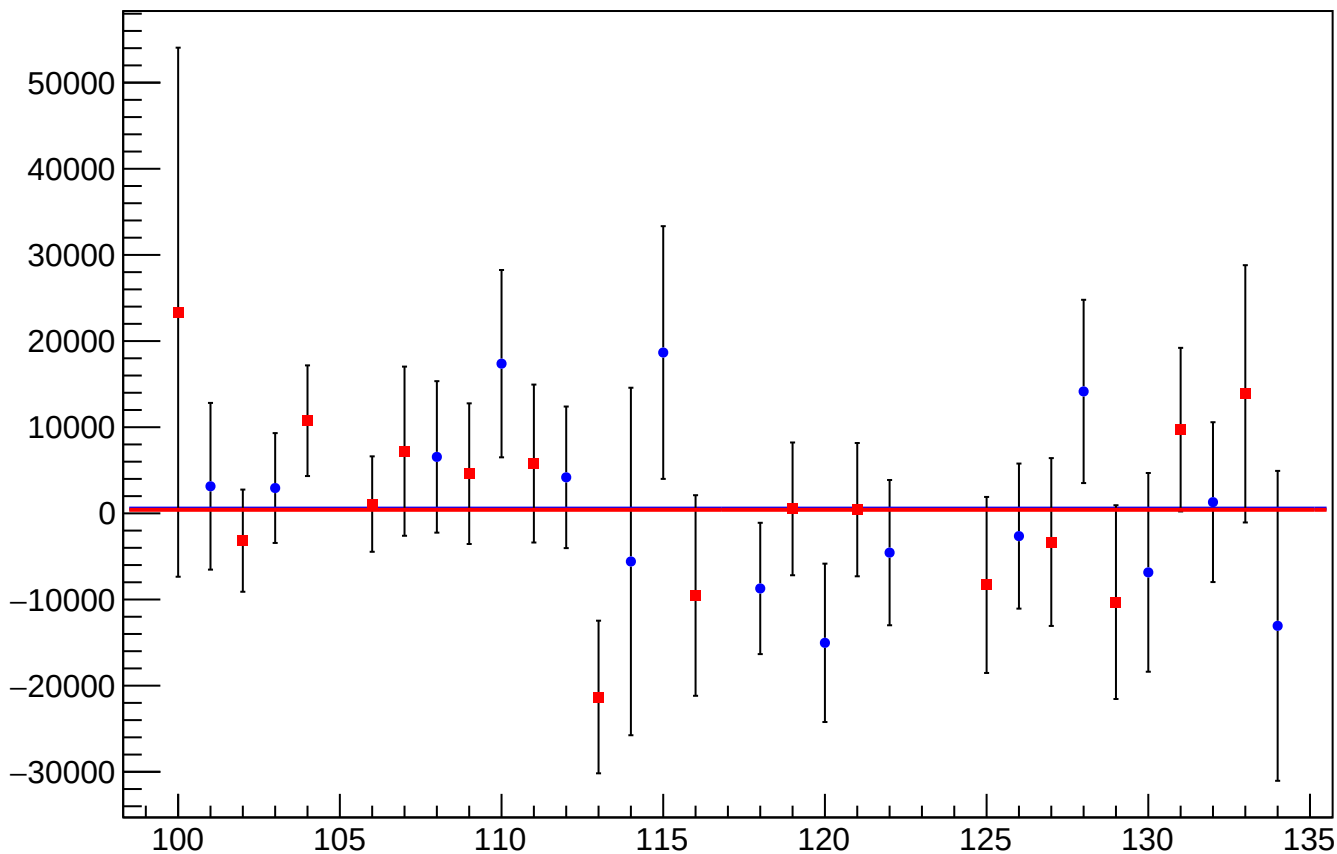
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1489.159+/-0.301 χ^2/NDF : 742771.1/30

- 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 $\pm$ 2447.944 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 412.992 $\pm$ 2127.844 χ^2 /NDF: 14.9/15

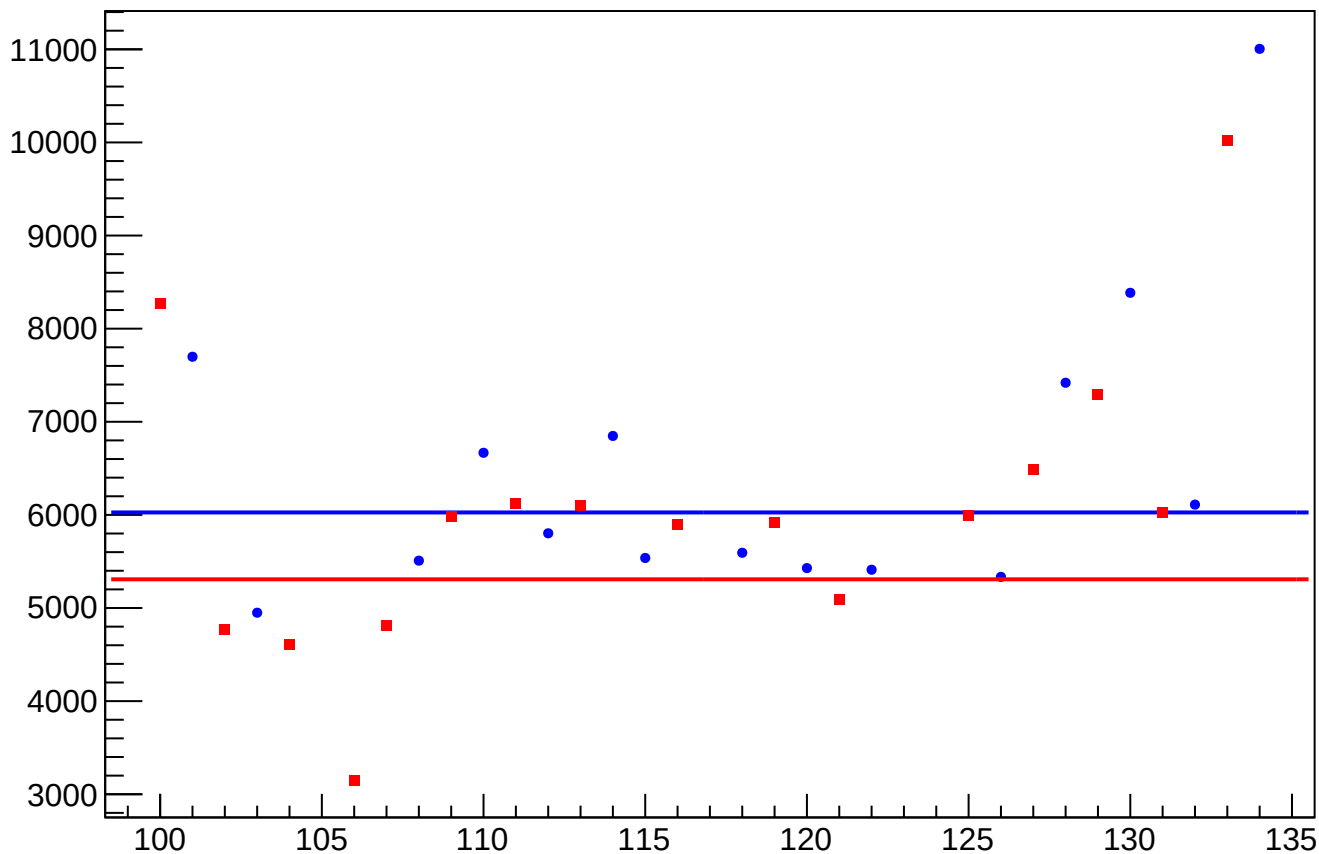
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 472.035 $\pm$ 1605.944 χ^2 /NDF: 27.3/30

- sign 0.000 $\pm$ 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

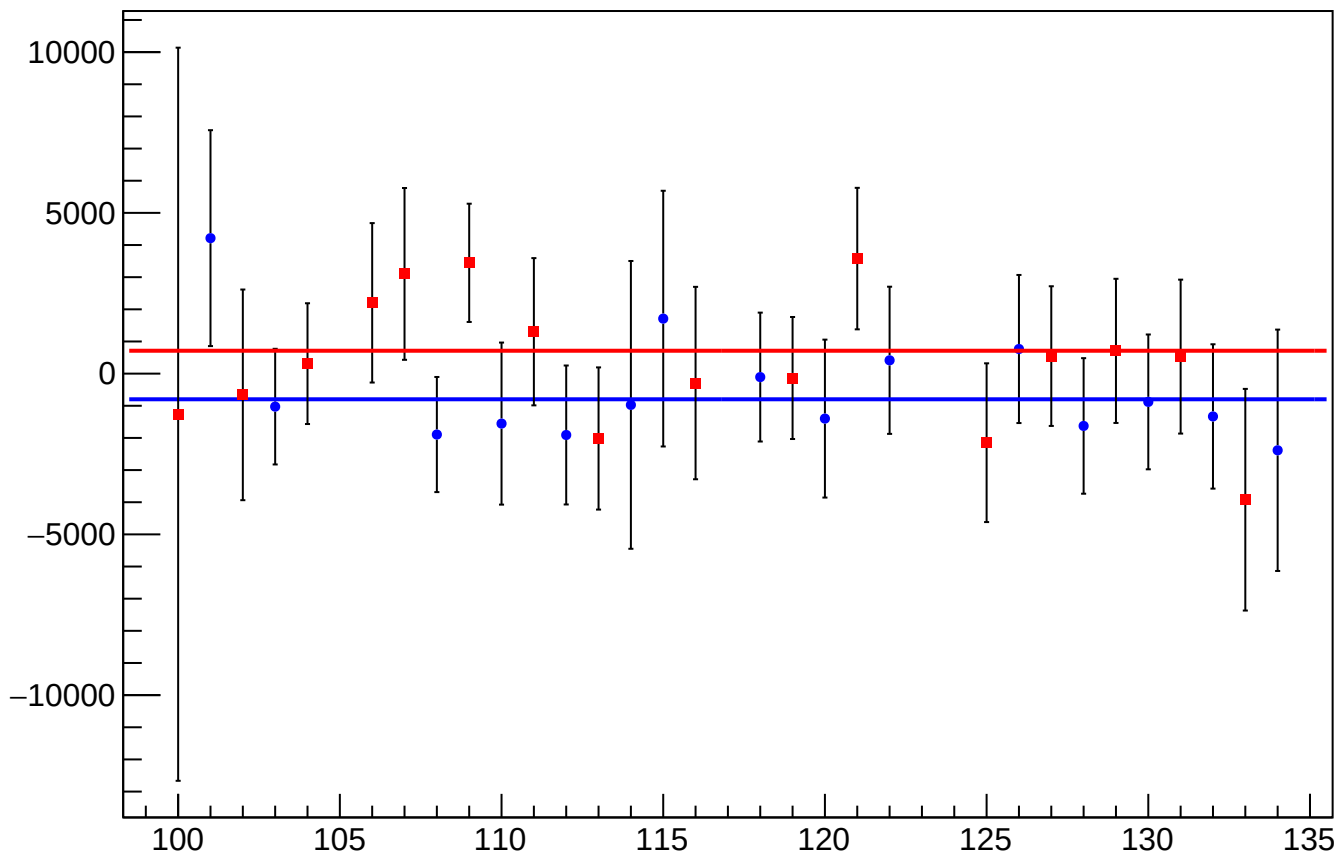
Right Out: 5308.220+/-1.505 χ^2/NDF : 744286.4/15

All: 5617.244+/-1.136 χ^2/NDF : 1290376.5/30

- 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: 711.933+/-596.833 χ^2/NDF : 10.4/15

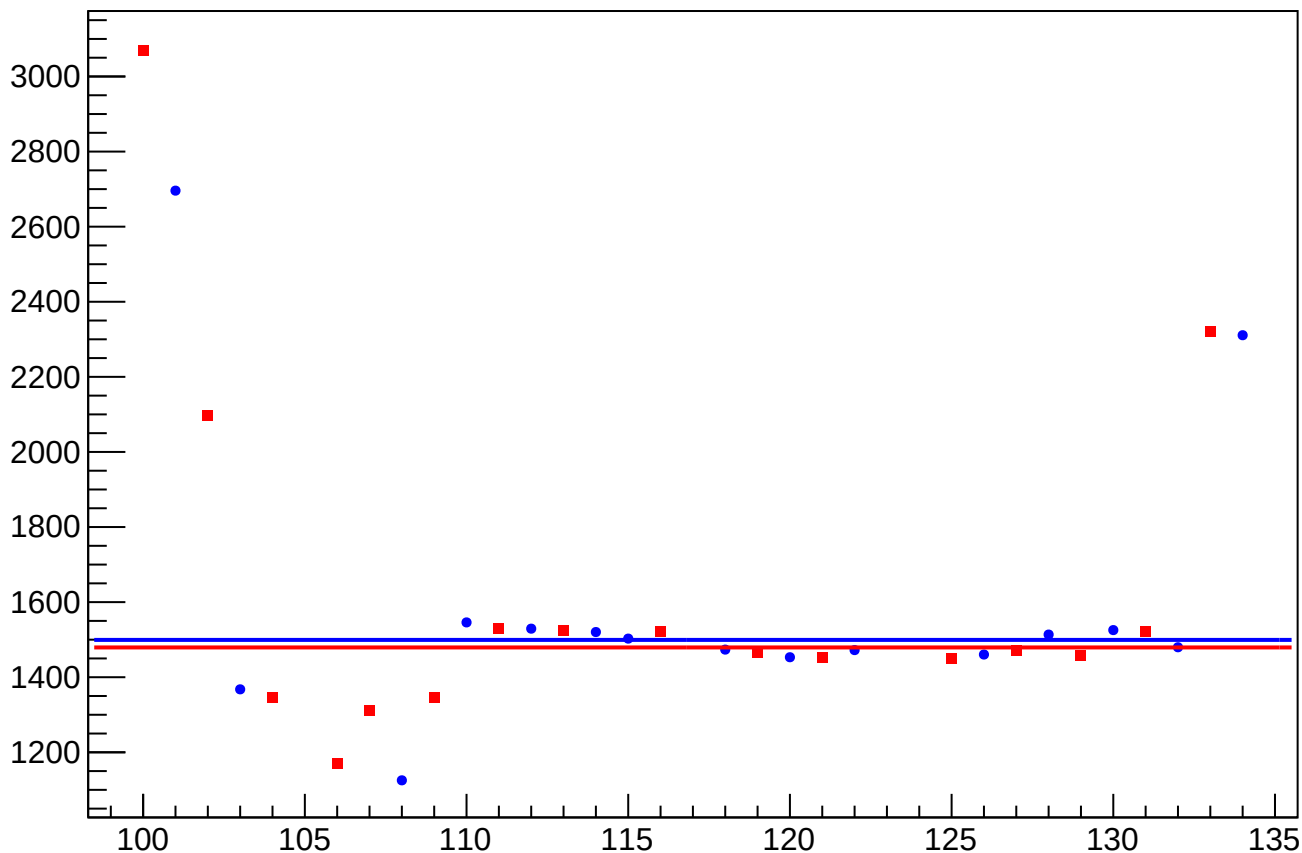
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.776+/-425.717 χ^2/NDF : 18.2/30

- 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 $\pm$ 0.430 χ^2 /NDF: 449007.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1479.294 $\pm$ 0.422 χ^2 /NDF: 292649.6/15

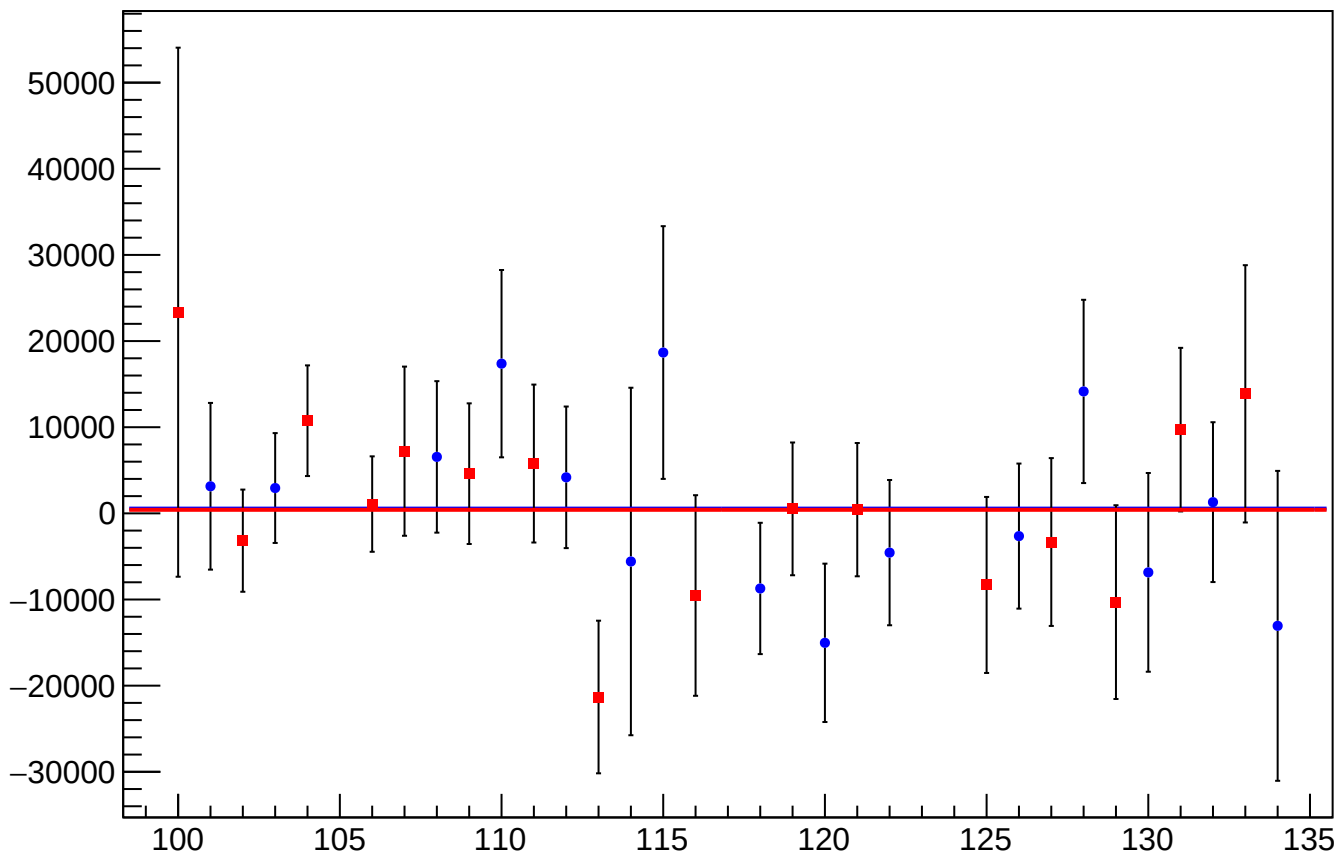
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1489.159 $\pm$ 0.301 χ^2 /NDF: 742770.3/30

- sign 0.000 $\pm$ 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: 412.999 $\pm$ 2127.839 χ^2 /NDF: 14.9/15

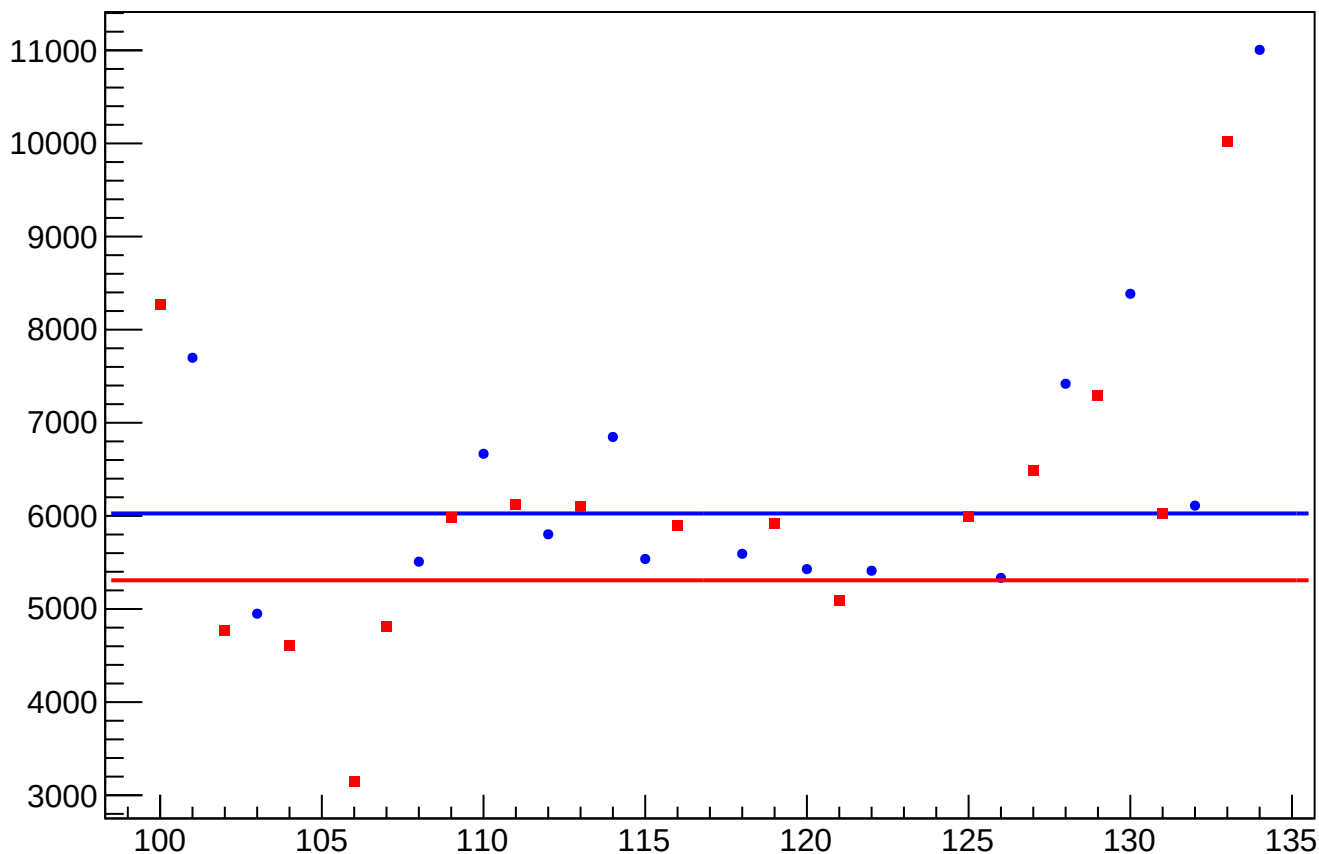
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 472.034 $\pm$ 1605.940 χ^2 /NDF: 27.3/30

- 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

Right Out: 5308.208+/-1.505 χ^2 /NDF: 744284.3/15

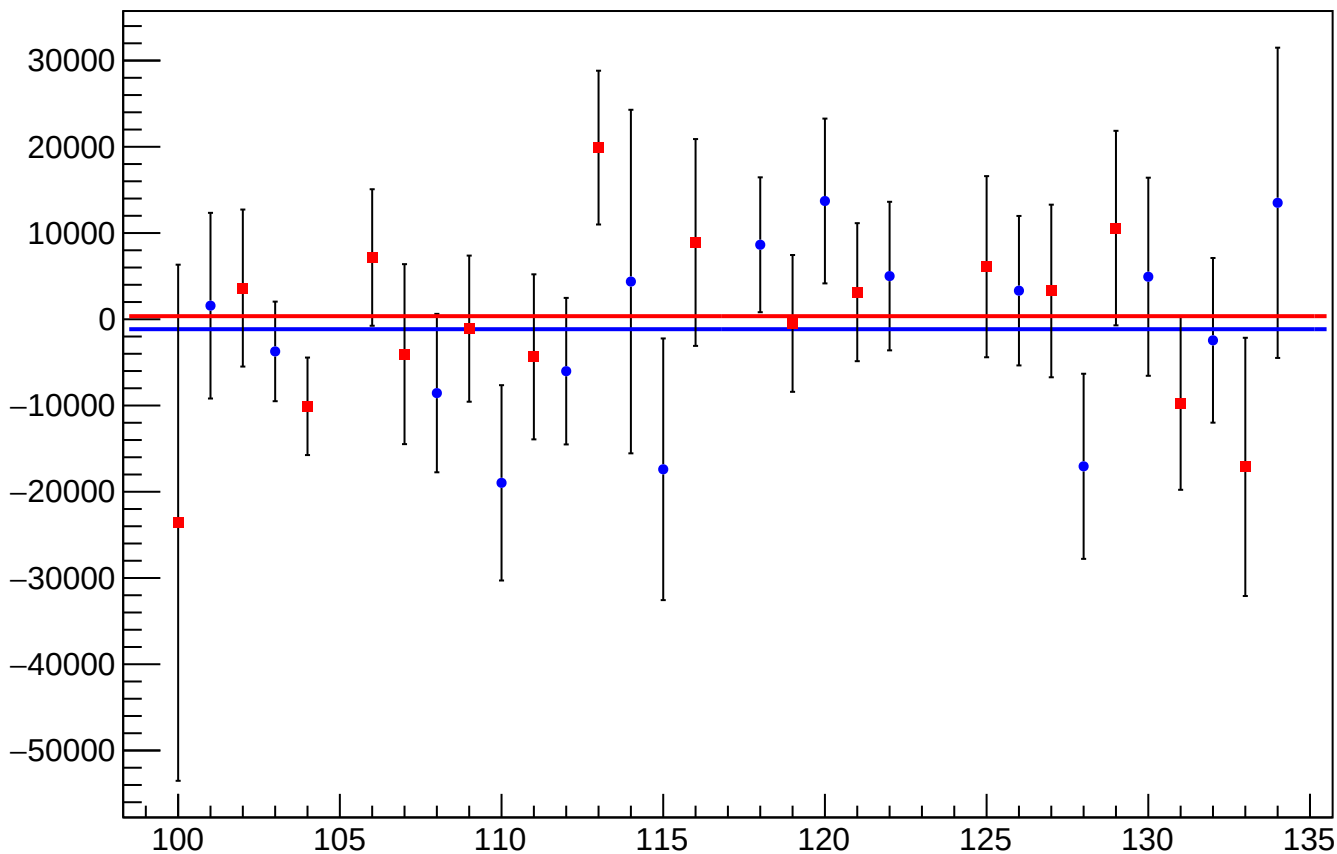
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 5617.230+/-1.136 χ^2 /NDF: 1290374.4/30

- sign 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: 360.590+/-2313.378 χ^2/NDF : 14.4/15

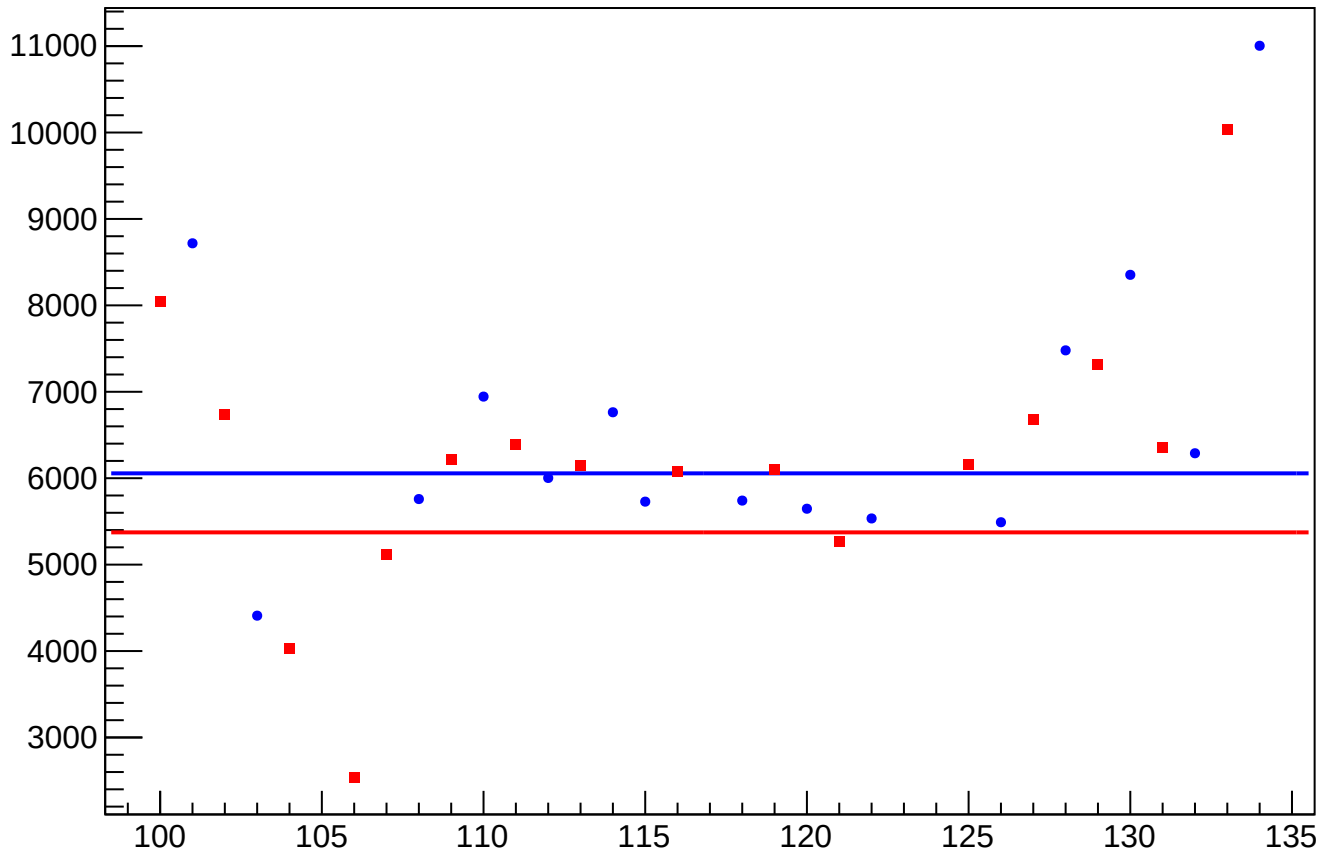
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -344.149+/-1689.635 χ^2/NDF : 27.5/30

- 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 χ^2/NDF : 593370.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5373.194+/-1.573 χ^2/NDF : 1075049.9/15

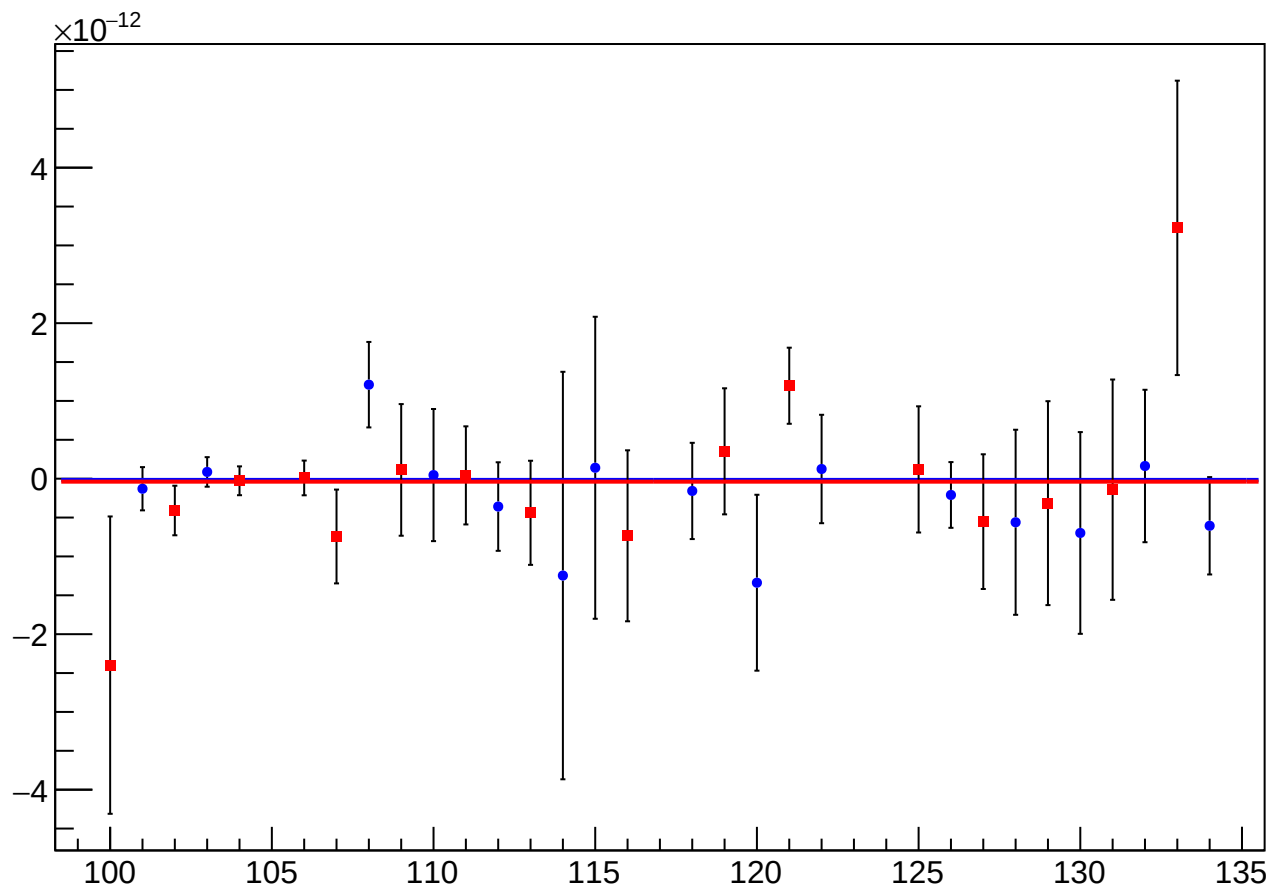
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5678.533+/-1.170 χ^2/NDF : 1752727.8/30

- sign 0.000+/-0.000 χ^2/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: 15.1/15

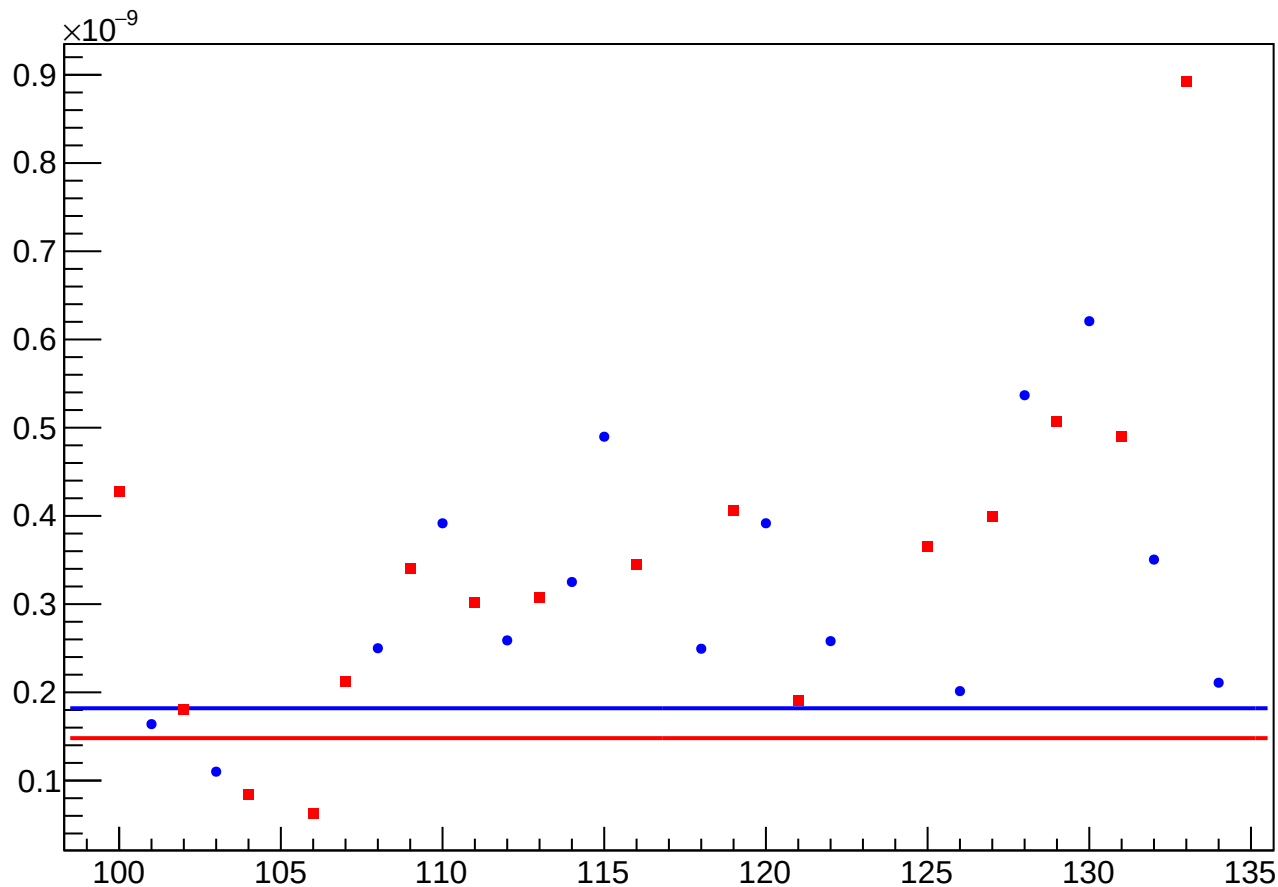
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 24.2/30

- 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 : 2120492.5/15

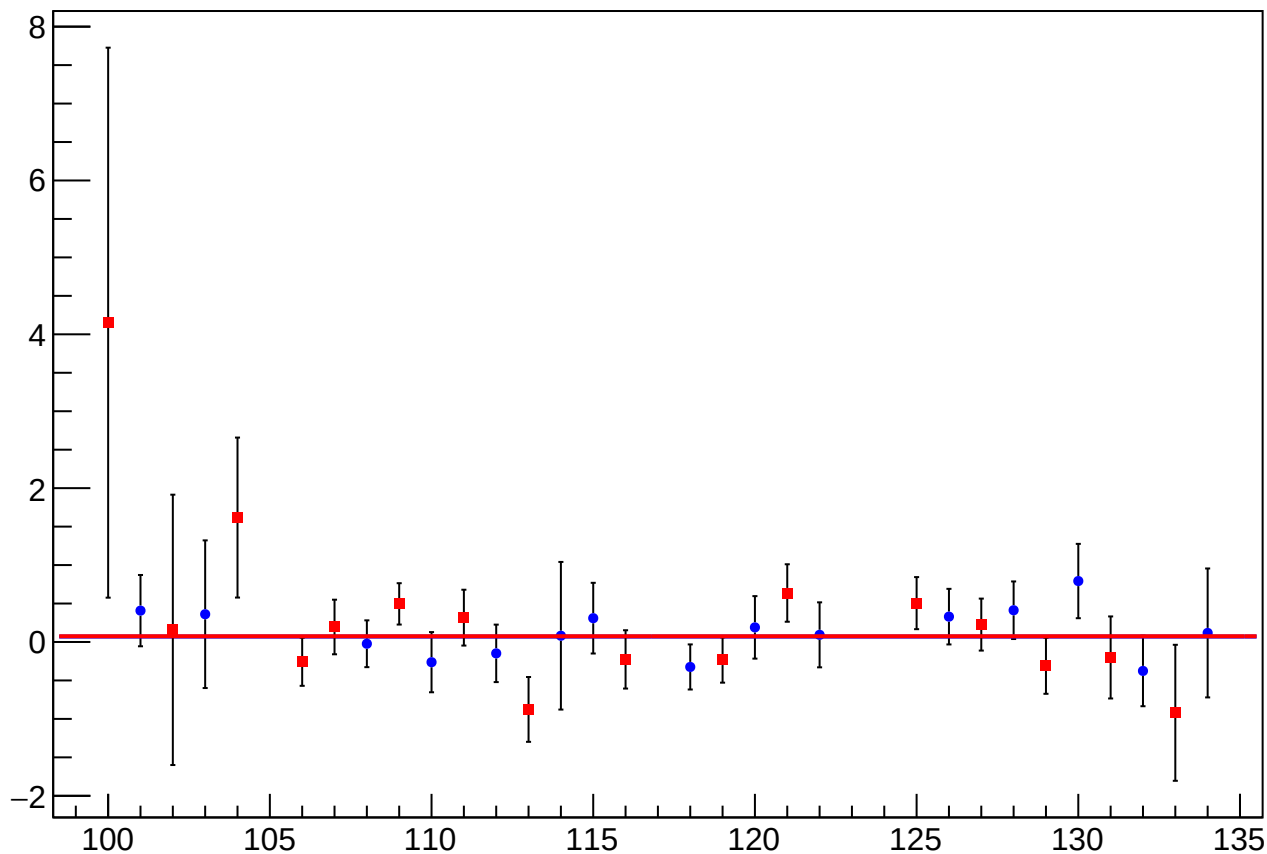
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3331940.4/30

- 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: 0.074+/-0.099 χ^2/NDF : 21.2/15

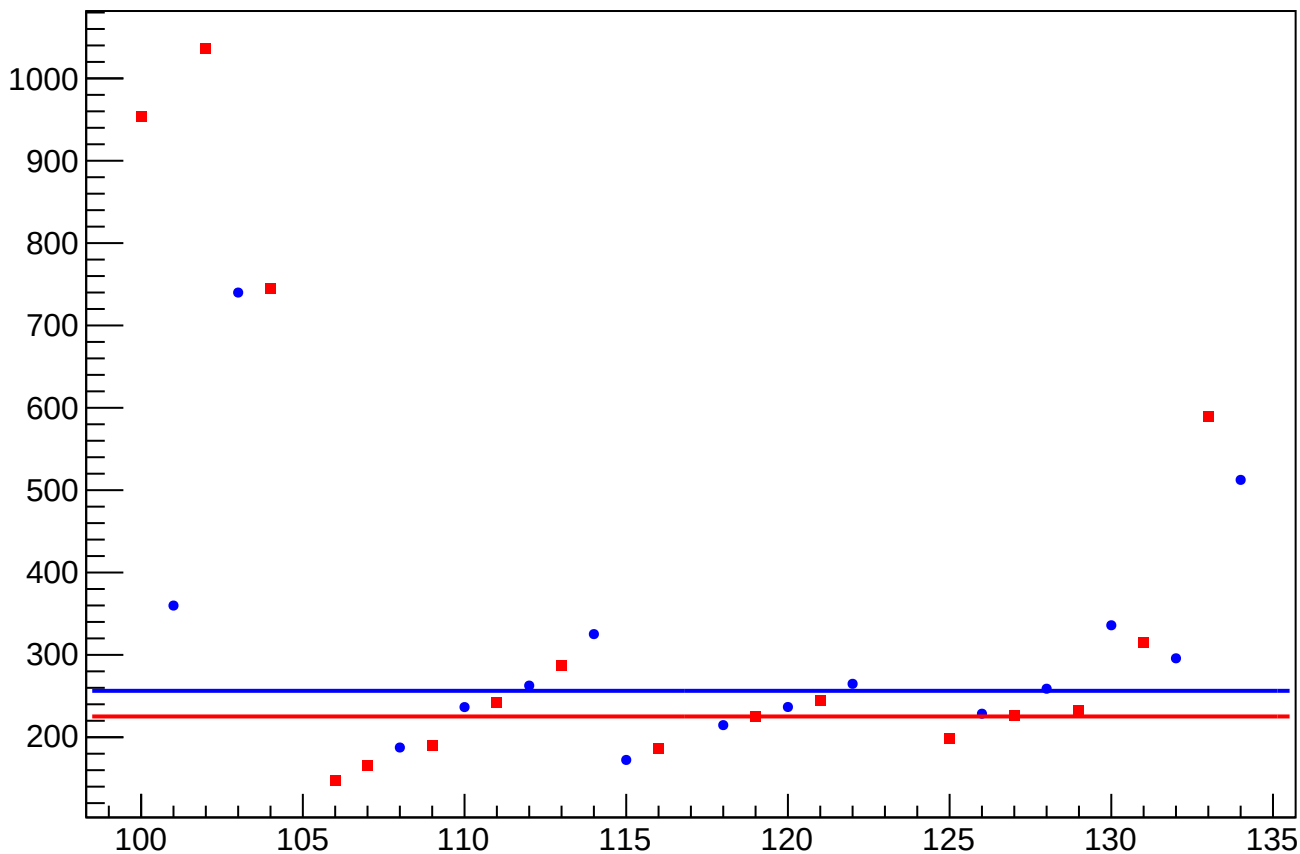
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.073+/-0.073 χ^2/NDF : 29.7/30

- 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

Right Out: 225.231+/-0.070 χ^2/NDF : 1706337.8/15

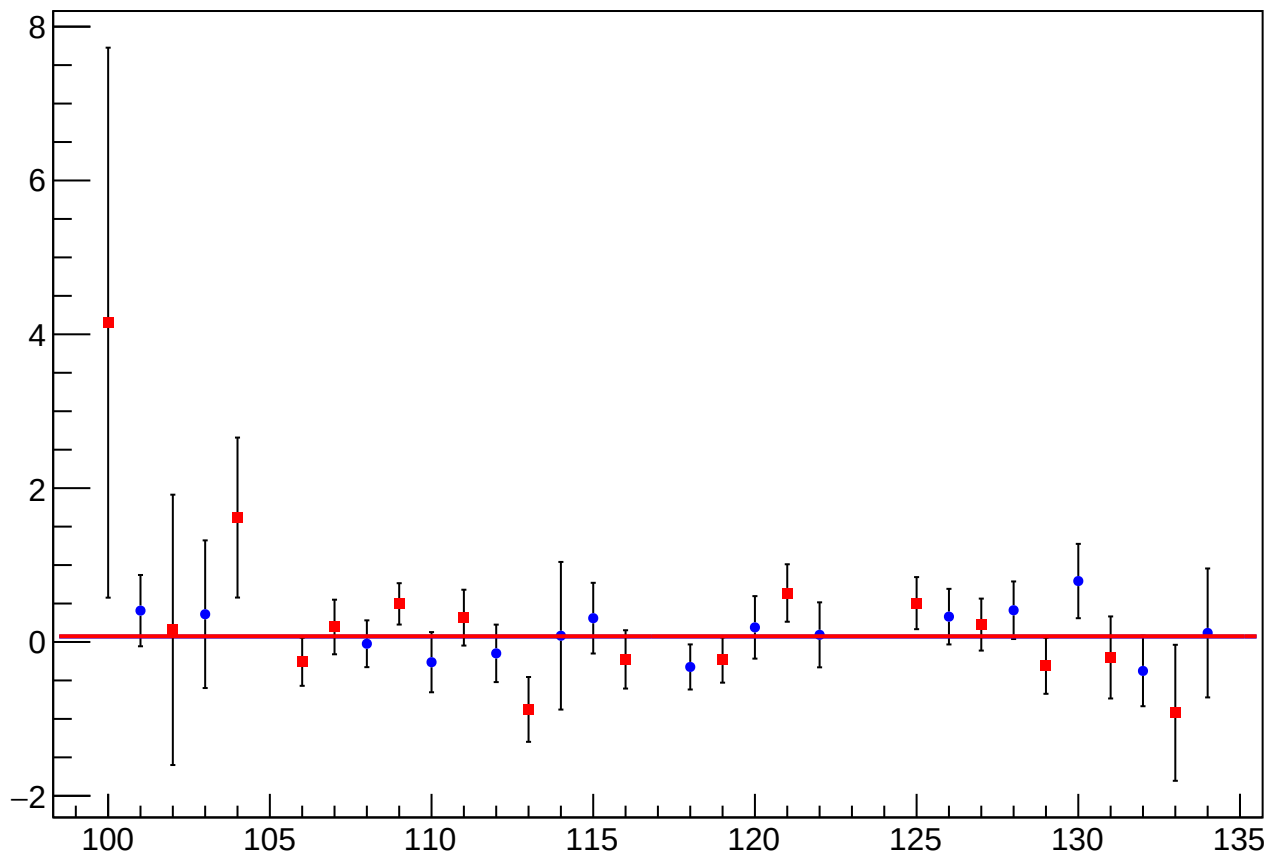
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 239.345+/-0.052 χ^2/NDF : 2901935.5/30

- sign 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: 0.074 $\pm$ 0.099 χ^2 /NDF: 21.2/15

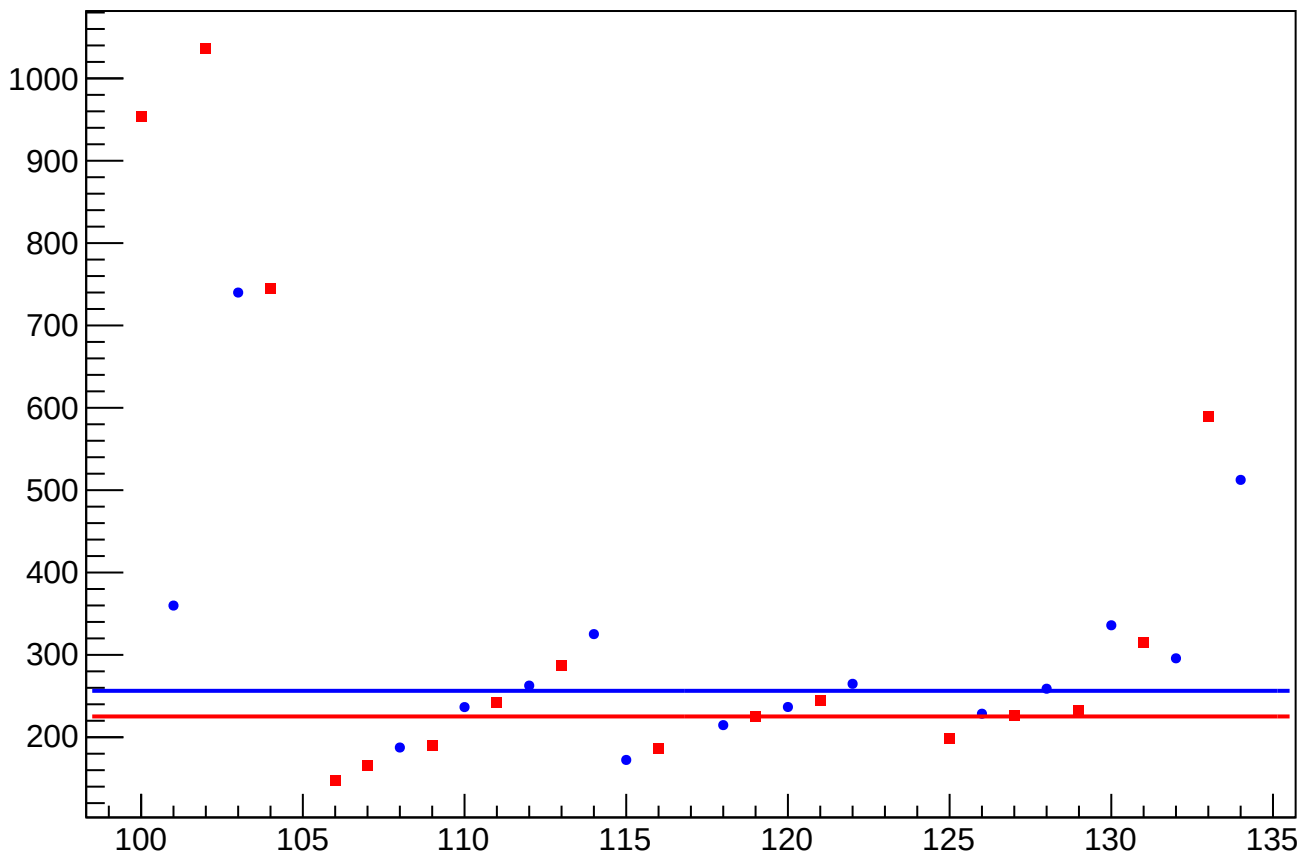
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.073 $\pm$ 0.073 χ^2 /NDF: 29.7/30

- 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 $\pm$ 0.077 χ^2/NDF : 1106049.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 225.231 $\pm$ 0.070 χ^2/NDF : 1706337.8/15

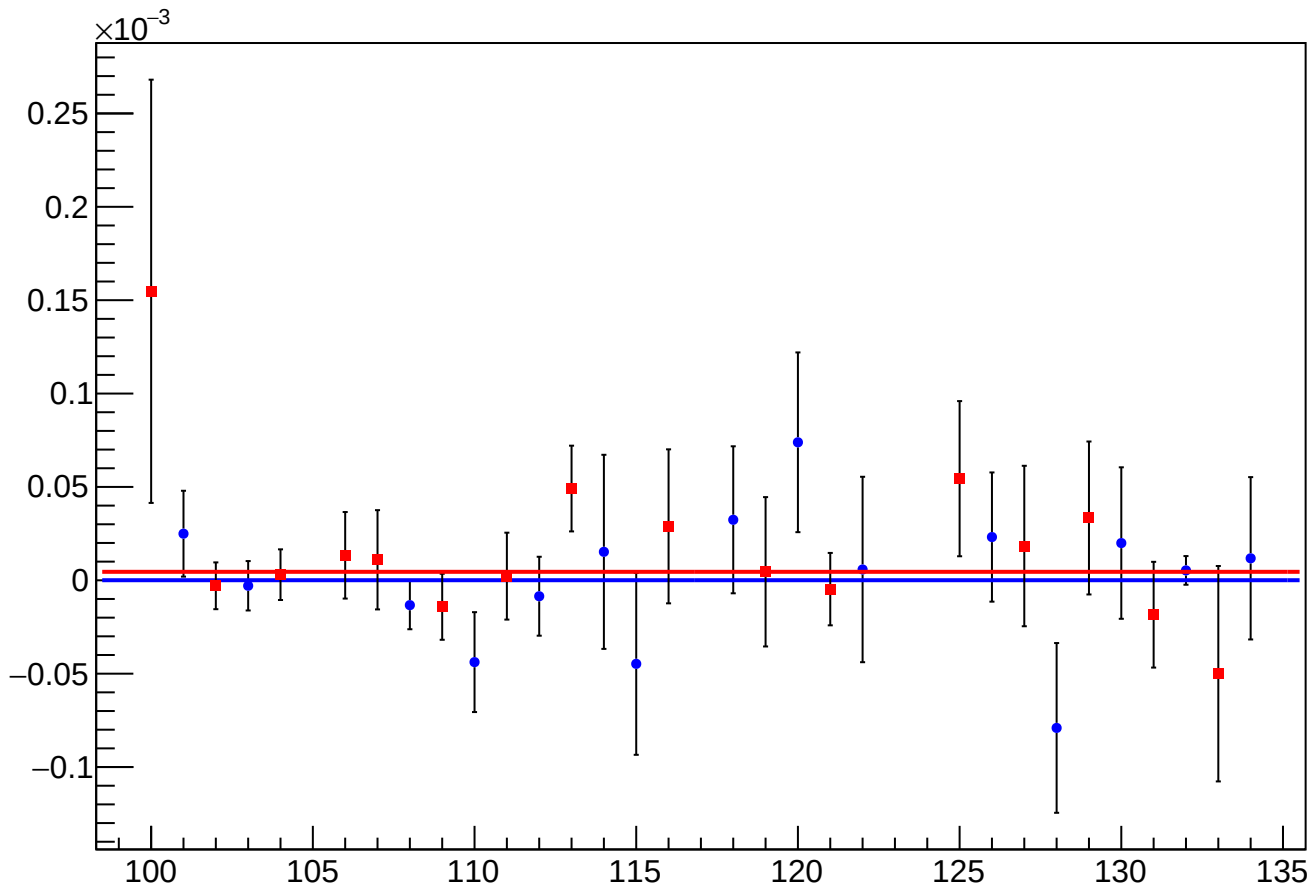
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 239.345 $\pm$ 0.052 χ^2/NDF : 2901935.5/30

- sign 0.000 $\pm$ 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+/-0.000 χ^2/NDF : 13.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.4/15

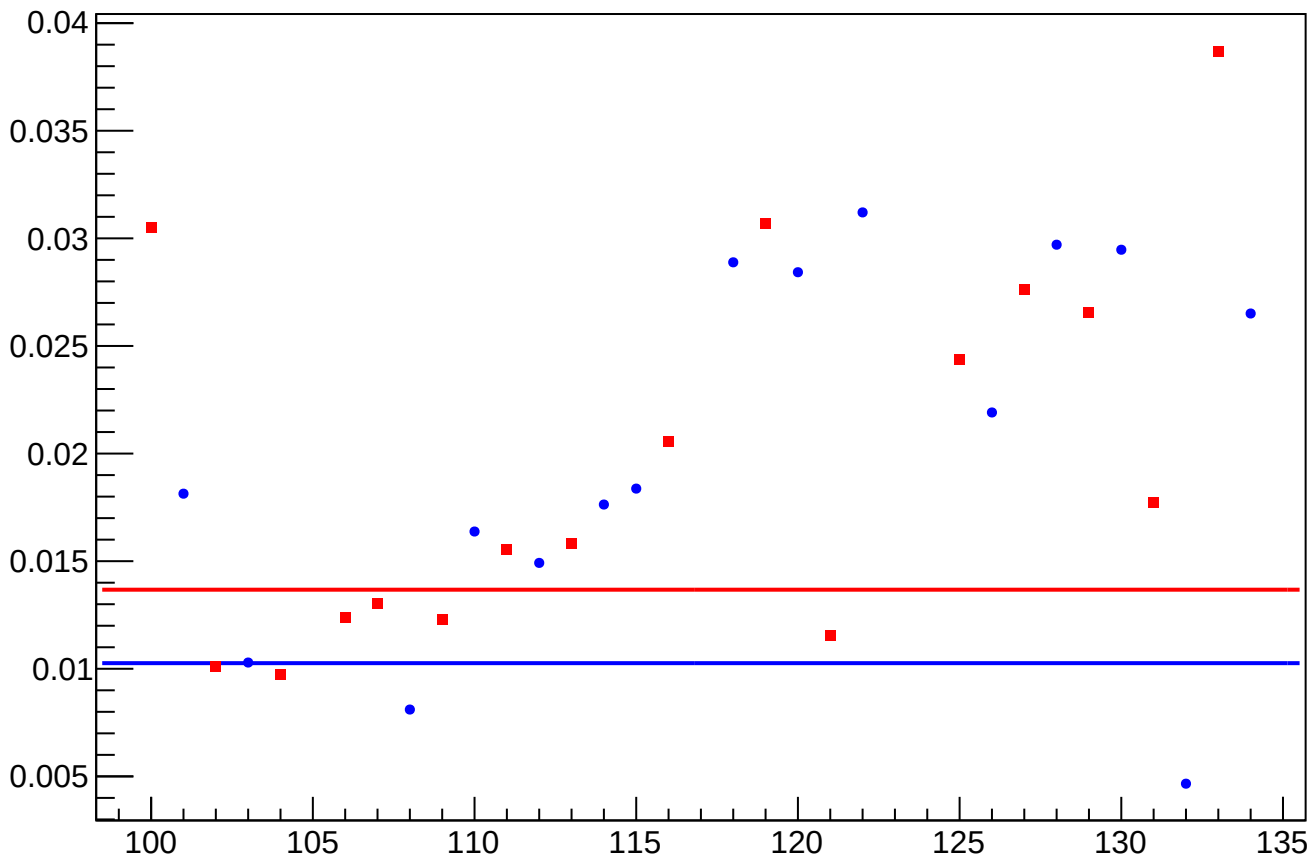
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.1/30

- sign 0.000+/-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 : 1825630.5/15

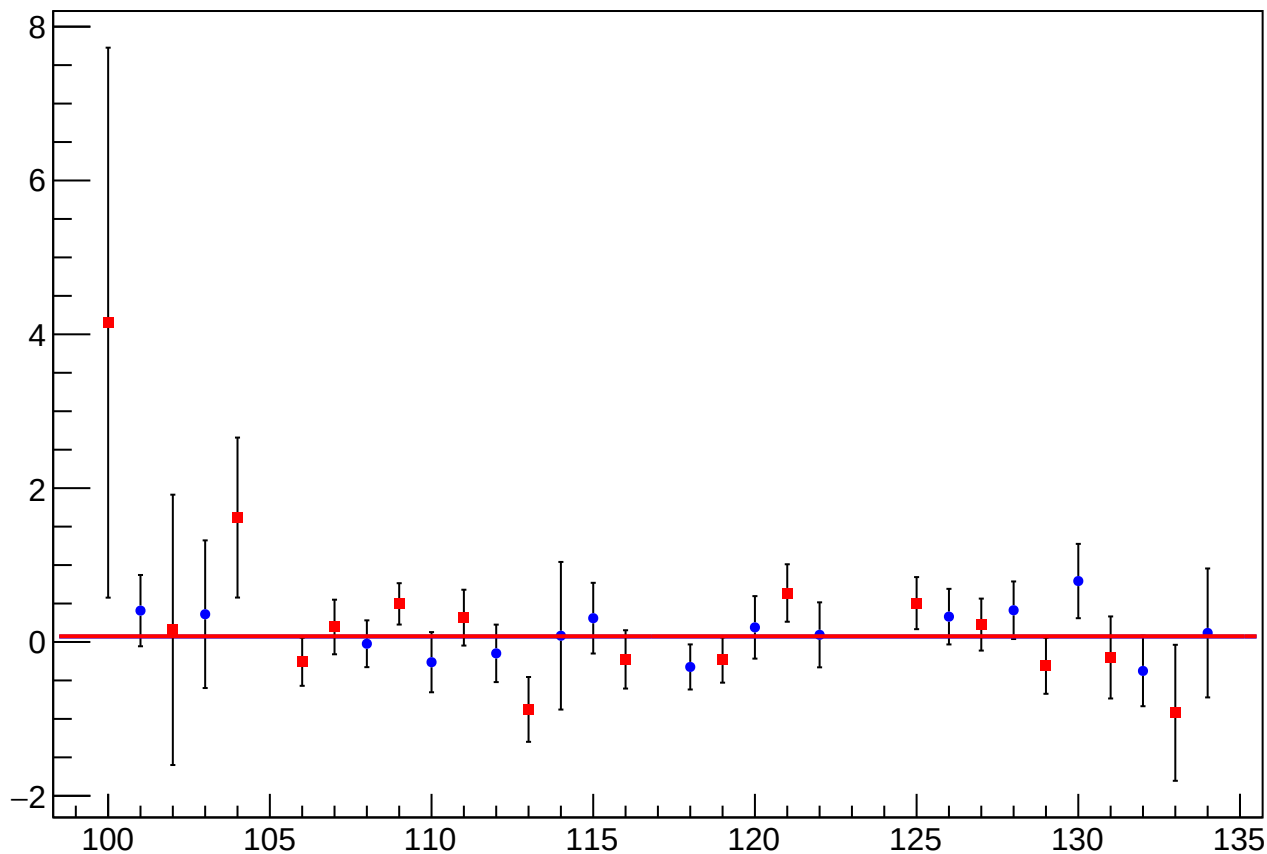
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 6276430.1/30

- 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 $\pm$ 0.109 χ^2 /NDF: 8.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.074 $\pm$ 0.099 χ^2 /NDF: 21.2/15

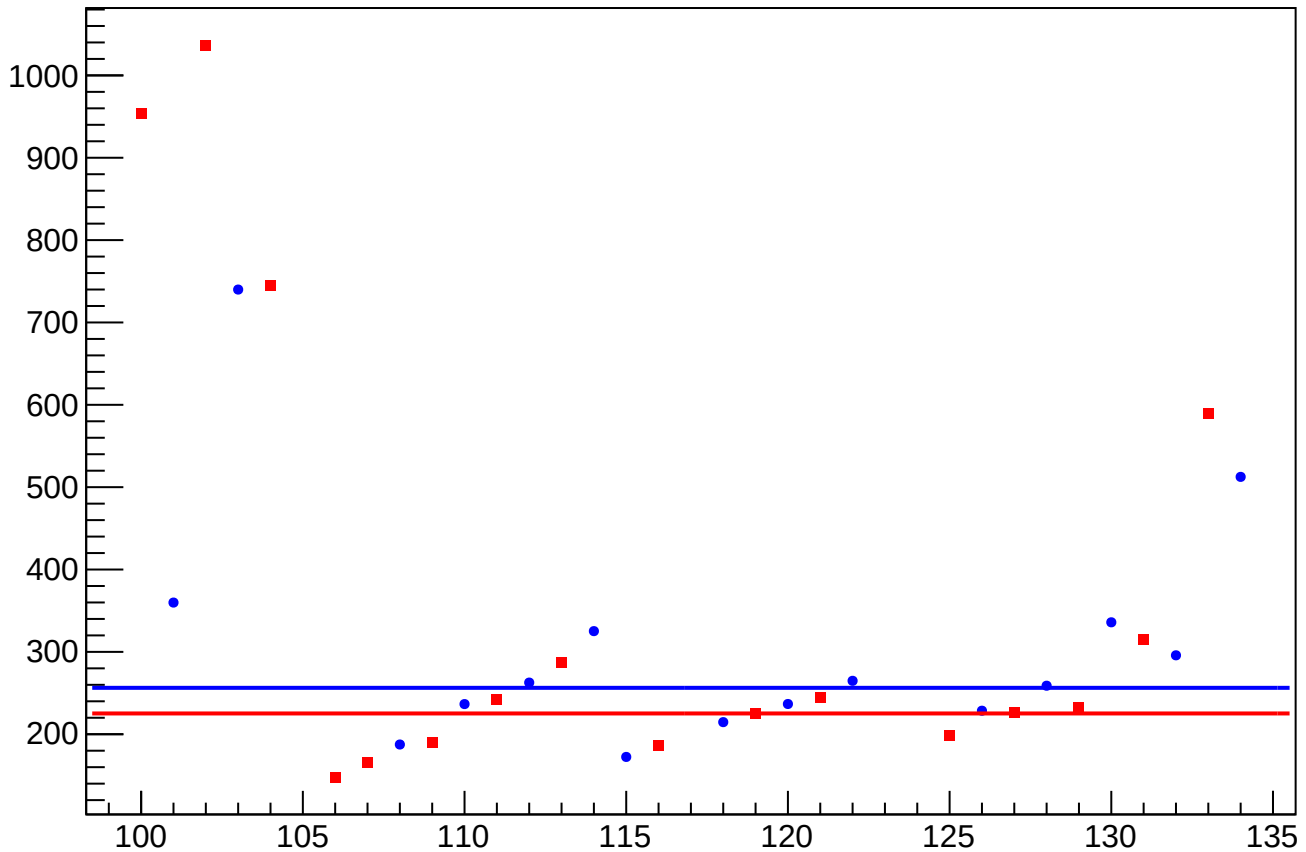
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.073 $\pm$ 0.073 χ^2 /NDF: 29.7/30

- sign 0.000 $\pm$ 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

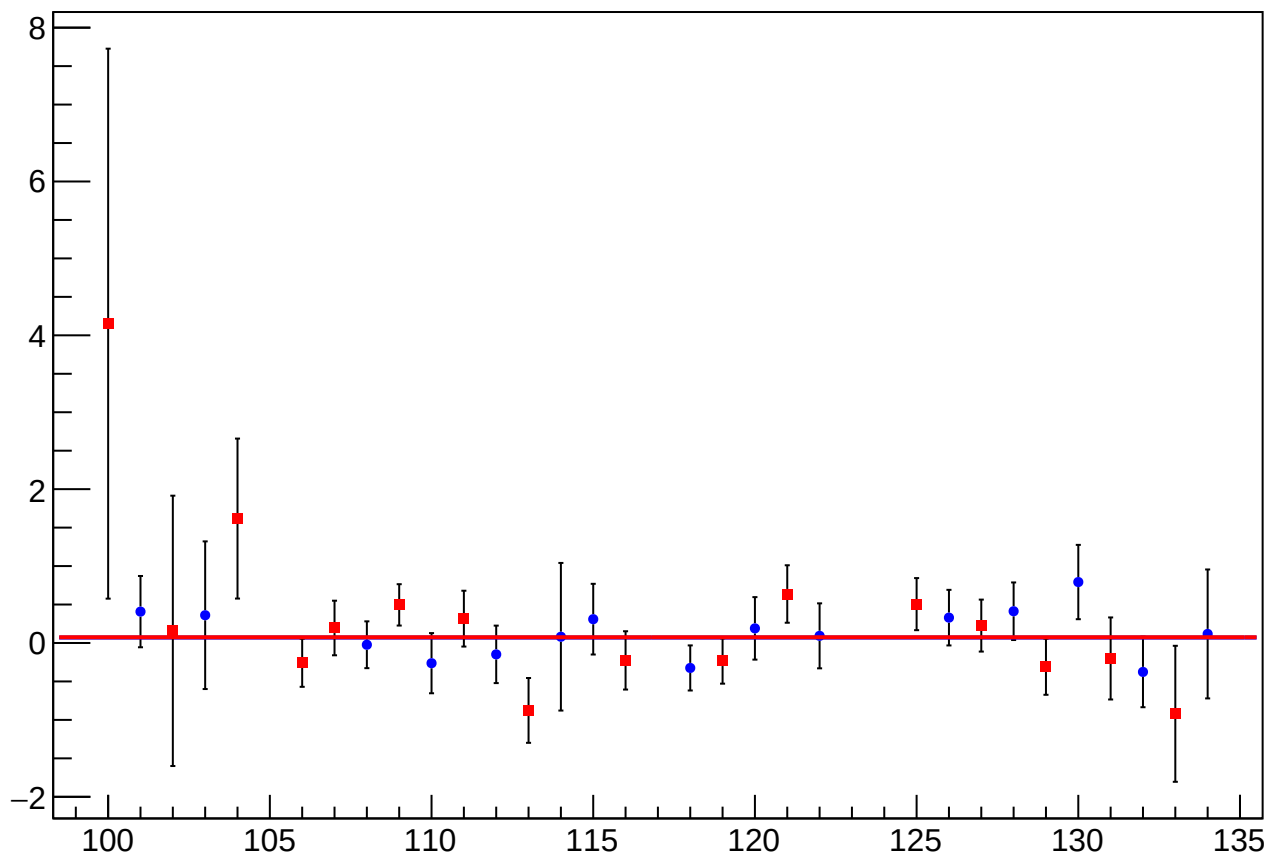
Right Out: 225.231+/-0.070 χ^2/NDF : 1706317.6/15

All: 239.345+/-0.052 χ^2/NDF : 2901867.0/30

- 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: 0.074 $\pm$ 0.099 χ^2 /NDF: 21.2/15

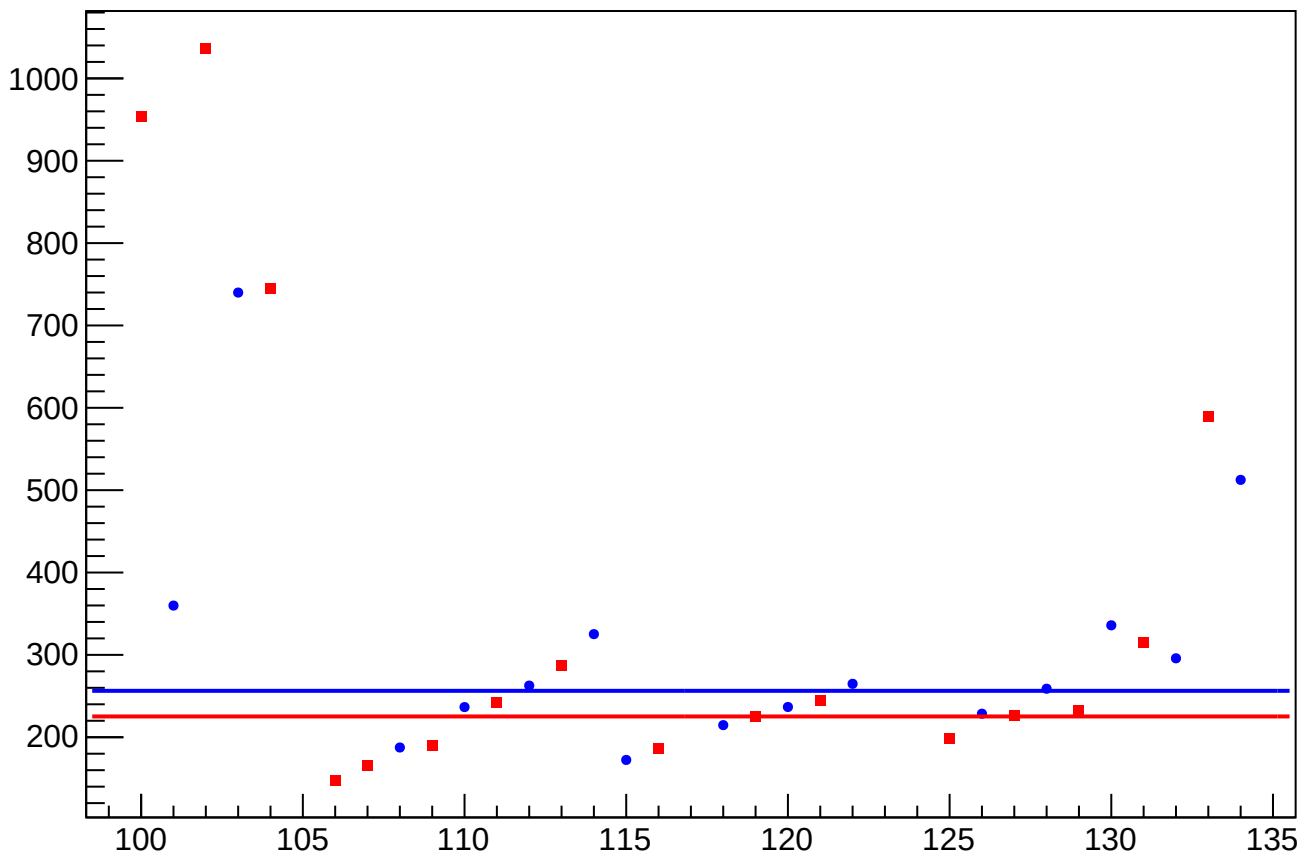
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.073 $\pm$ 0.073 χ^2 /NDF: 29.7/30

- 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: 225.231+/-0.070 χ^2/NDF : 1706317.6/15

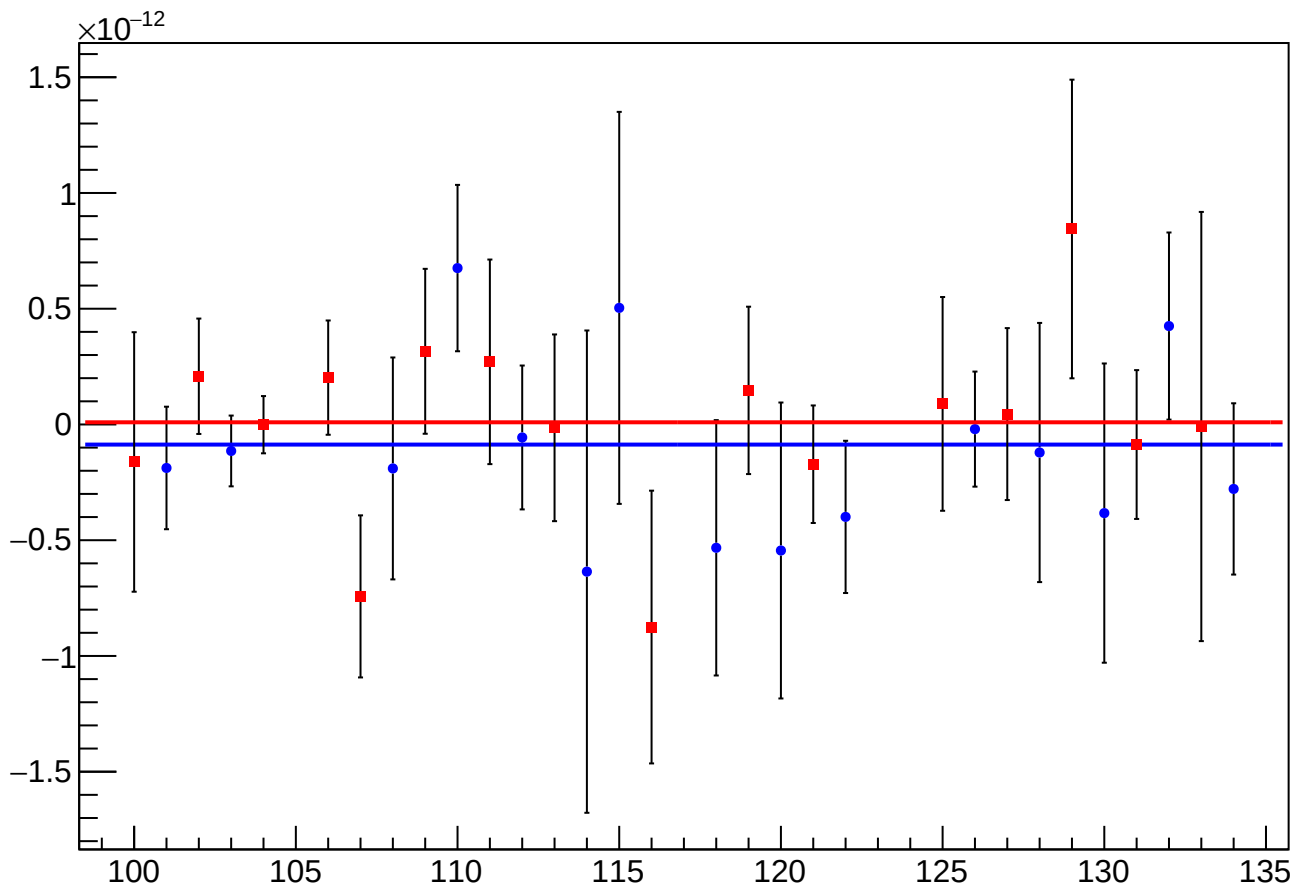
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 239.345+/-0.052 χ^2/NDF : 2901867.0/30

- 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+/-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: 11.8/15

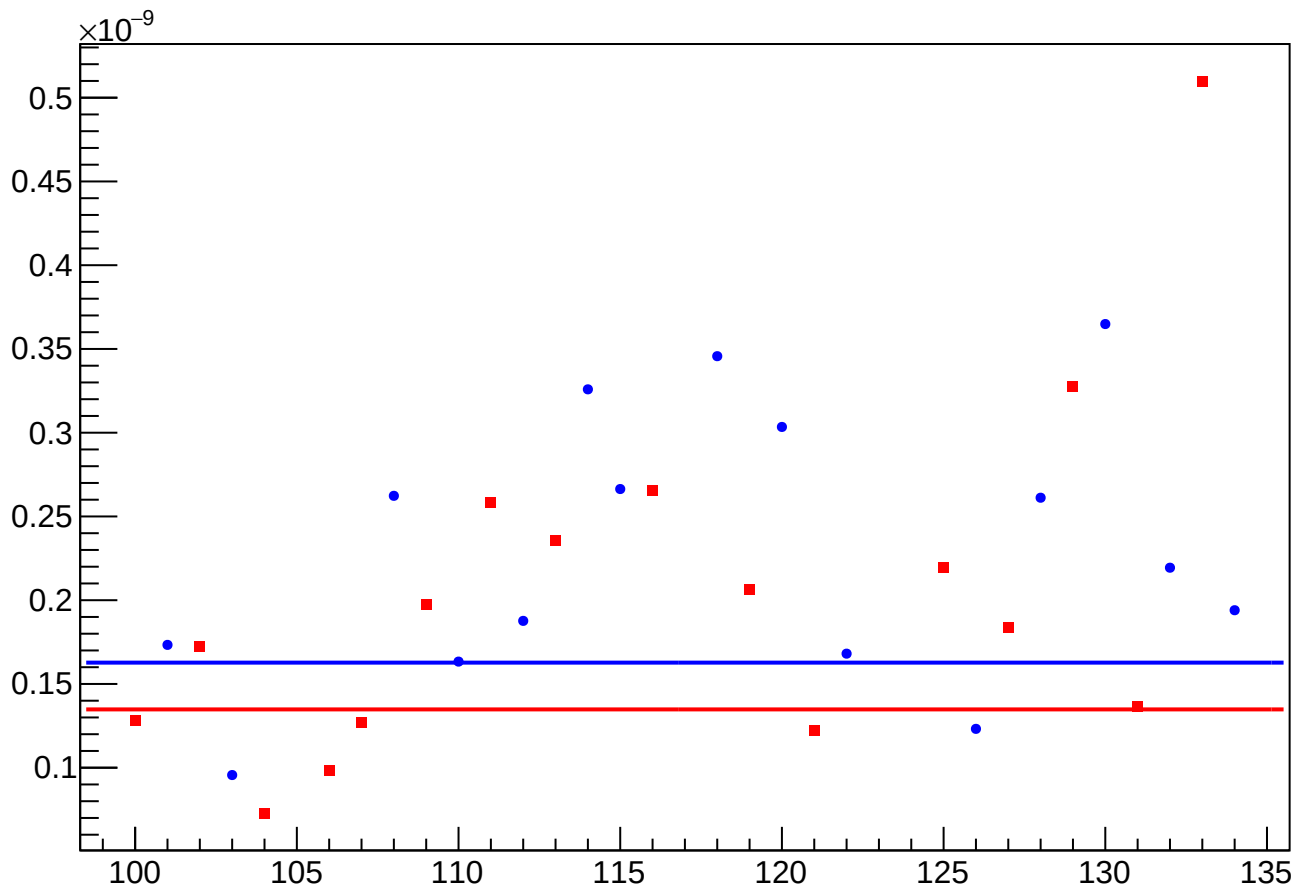
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 22.2/30

- sign 0.000+/-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 $\pm$ 0.000 χ^2 /NDF: 1245987.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1727448.6/15

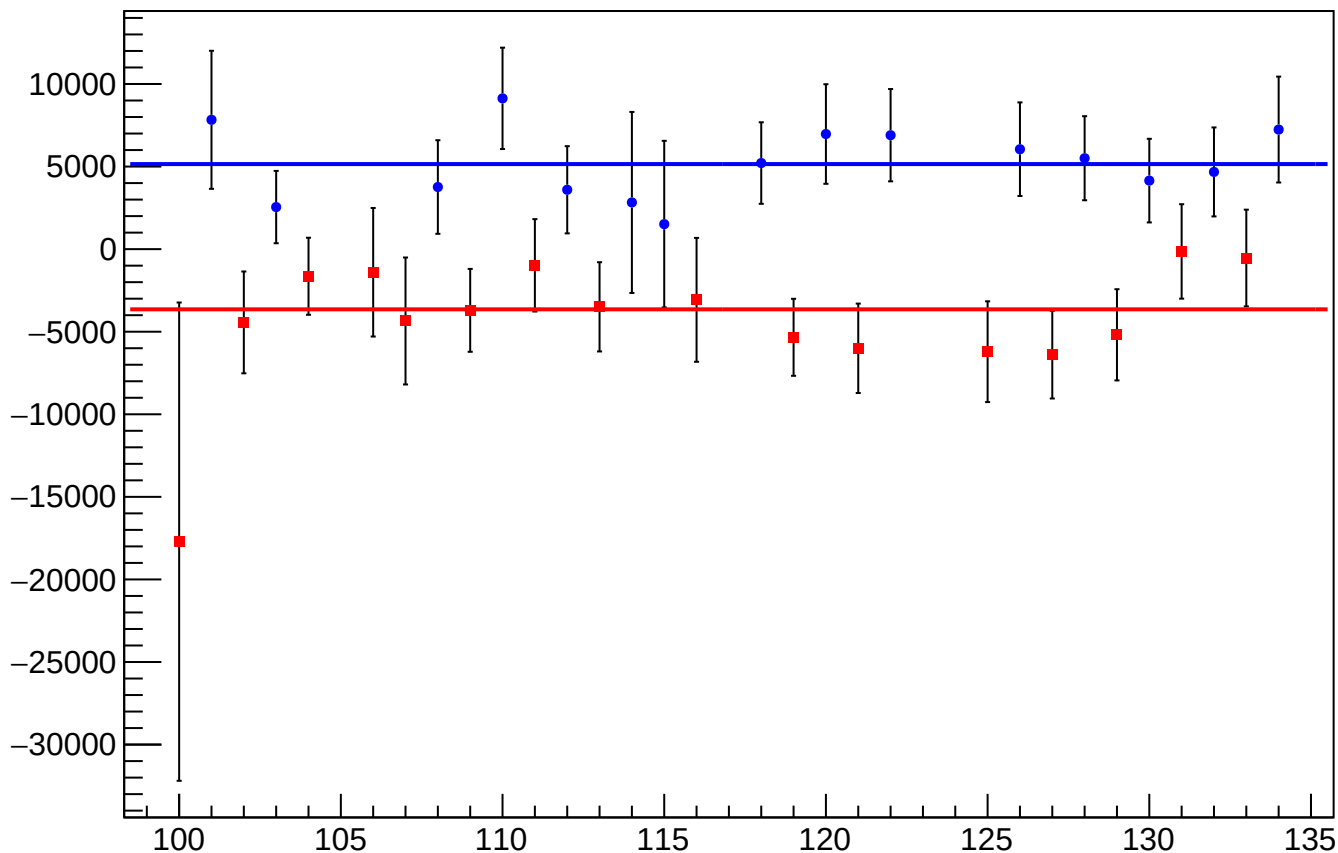
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3092109.5/30

- sign 0.000 $\pm$ 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: -3644.225+/-732.881 χ^2/NDF : 9.1/15

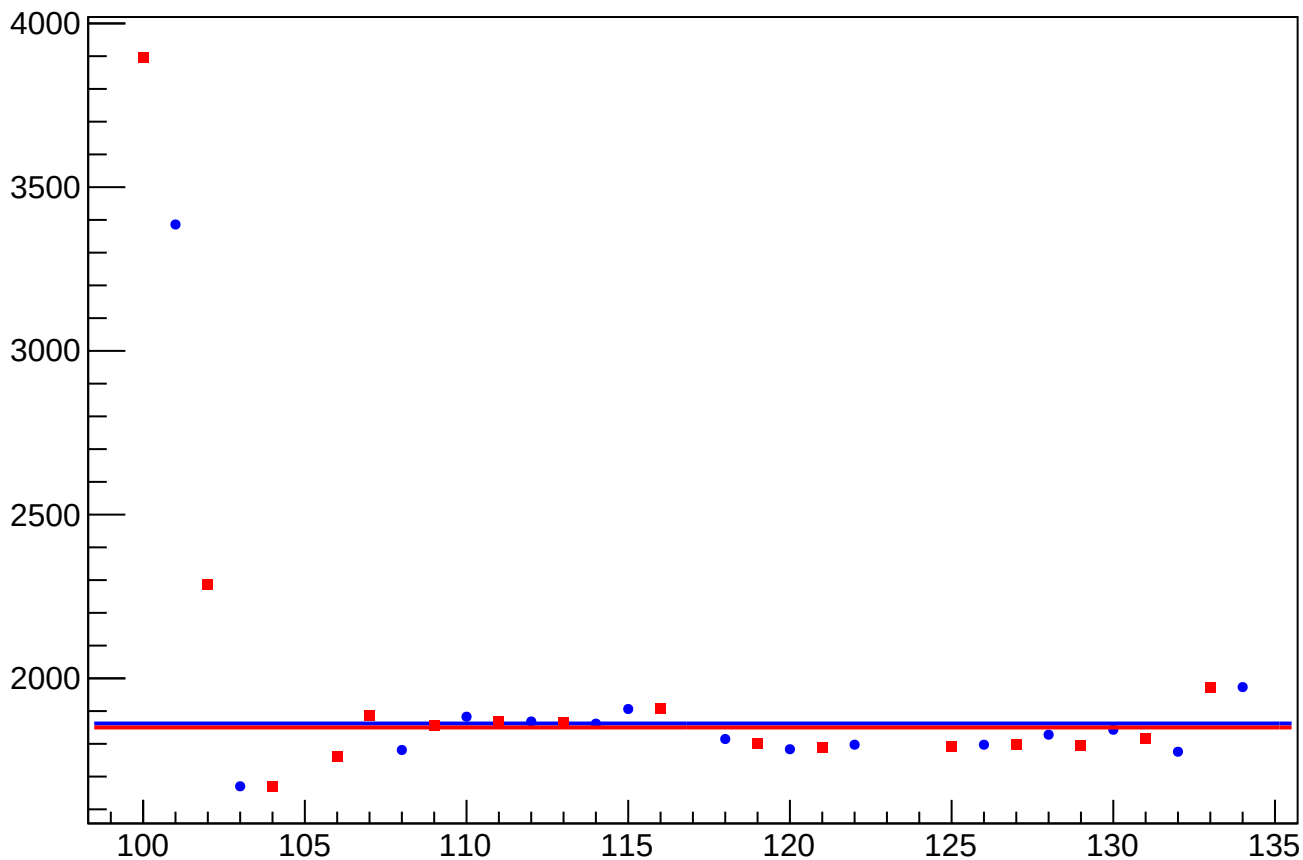
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 659.999+/-523.686 χ^2/NDF : 85.8/30

- 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: 1849.999+/-0.516 χ^2/NDF : 101915.8/15

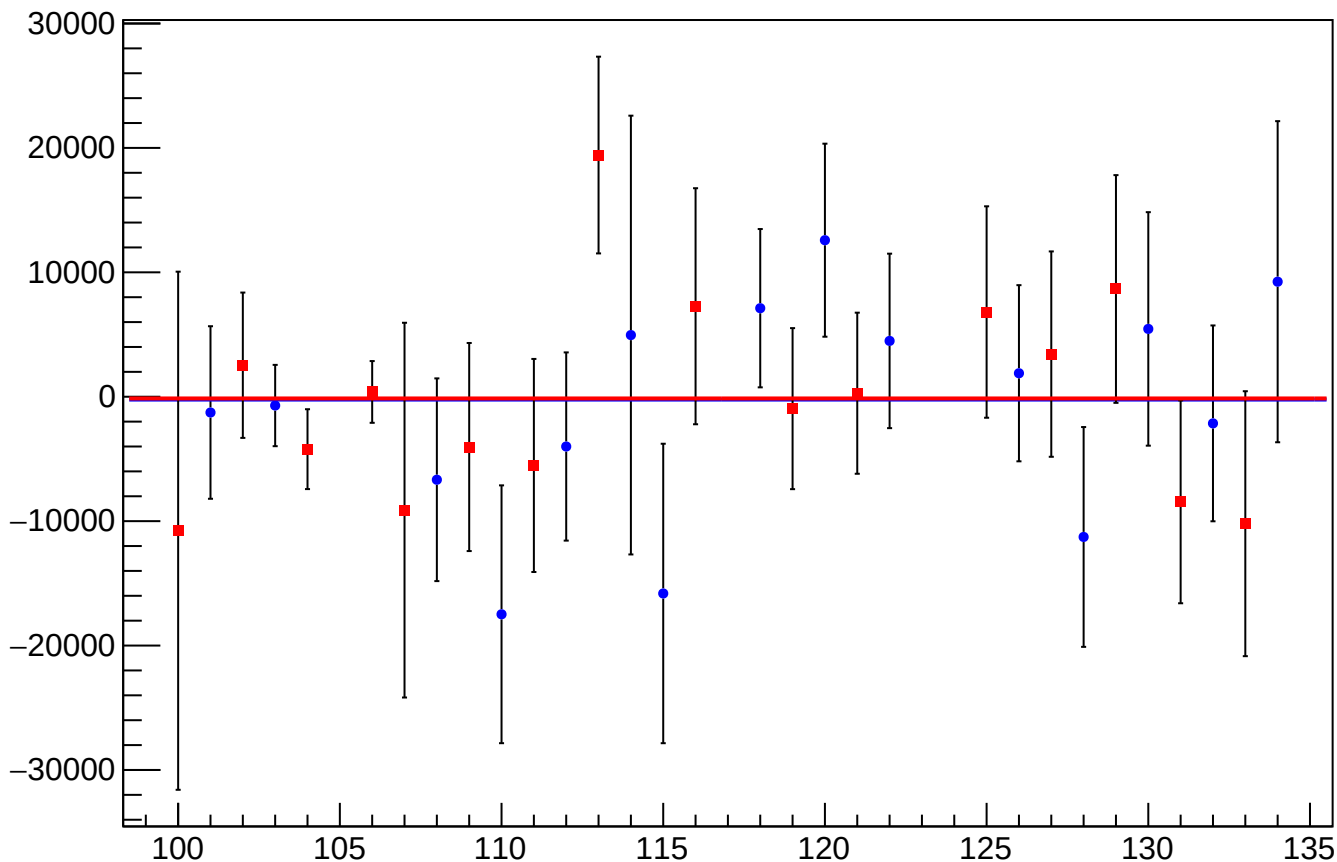
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1855.869+/-0.370 χ^2/NDF : 394337.8/30

- 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: -138.249+/-1470.224 χ^2/NDF : 13.6/15

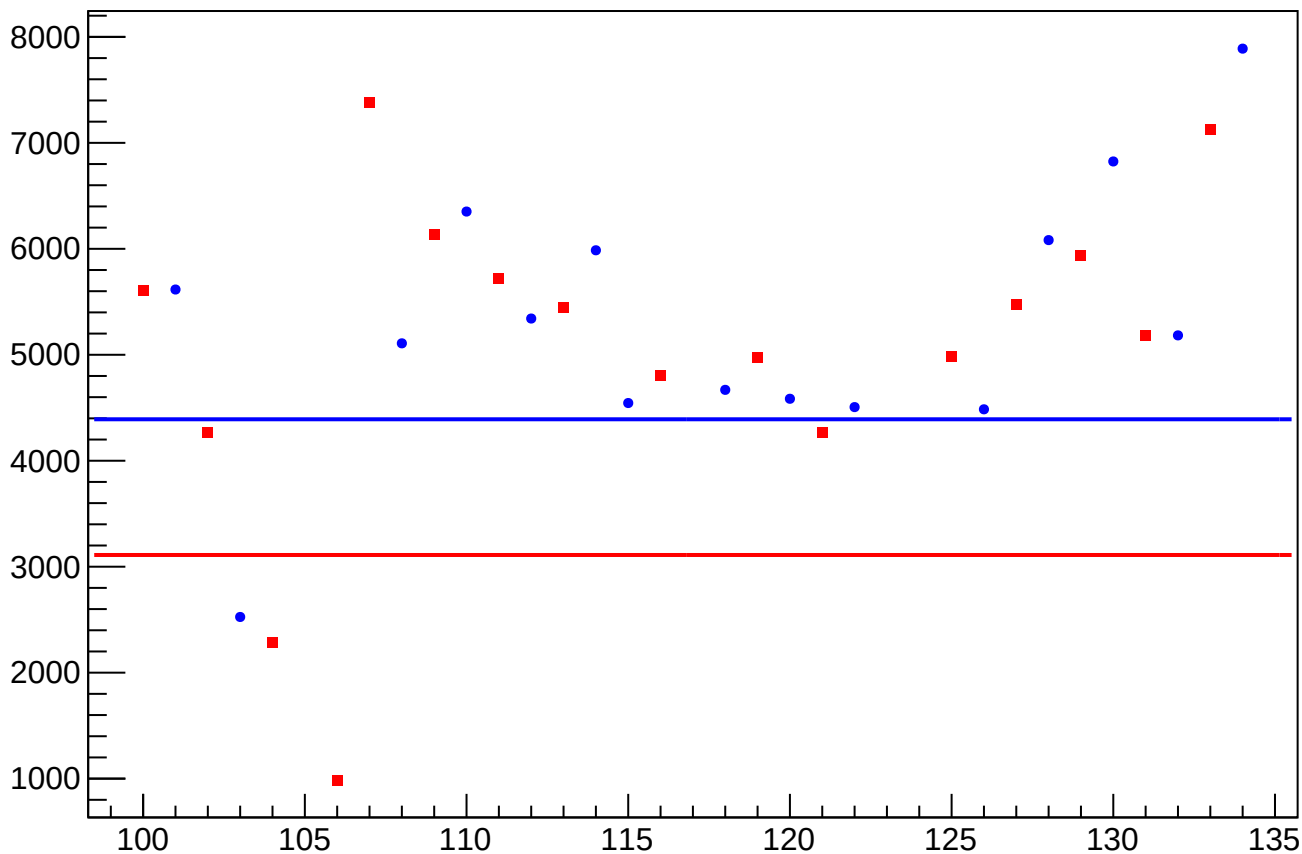
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -172.787+/-1149.359 χ^2/NDF : 26.1/30

- 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

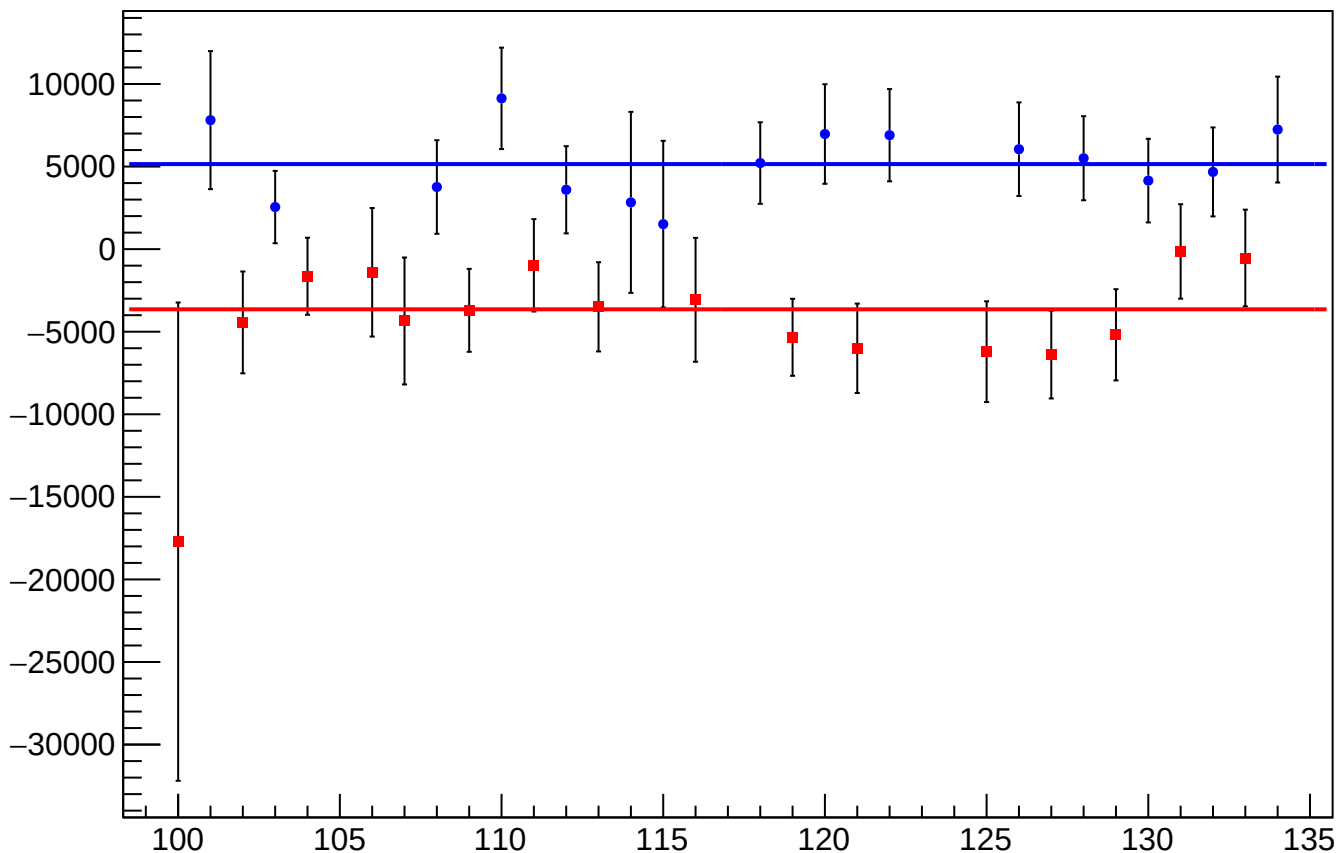
Right Out: 3110.587+/-1.040 χ^2/NDF : 3654375.7/15

All: 3608.573+/-0.813 χ^2/NDF : 5475036.3/30

- 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

Right Out: -3643.964+/-732.881 χ^2/NDF : 9.1/15

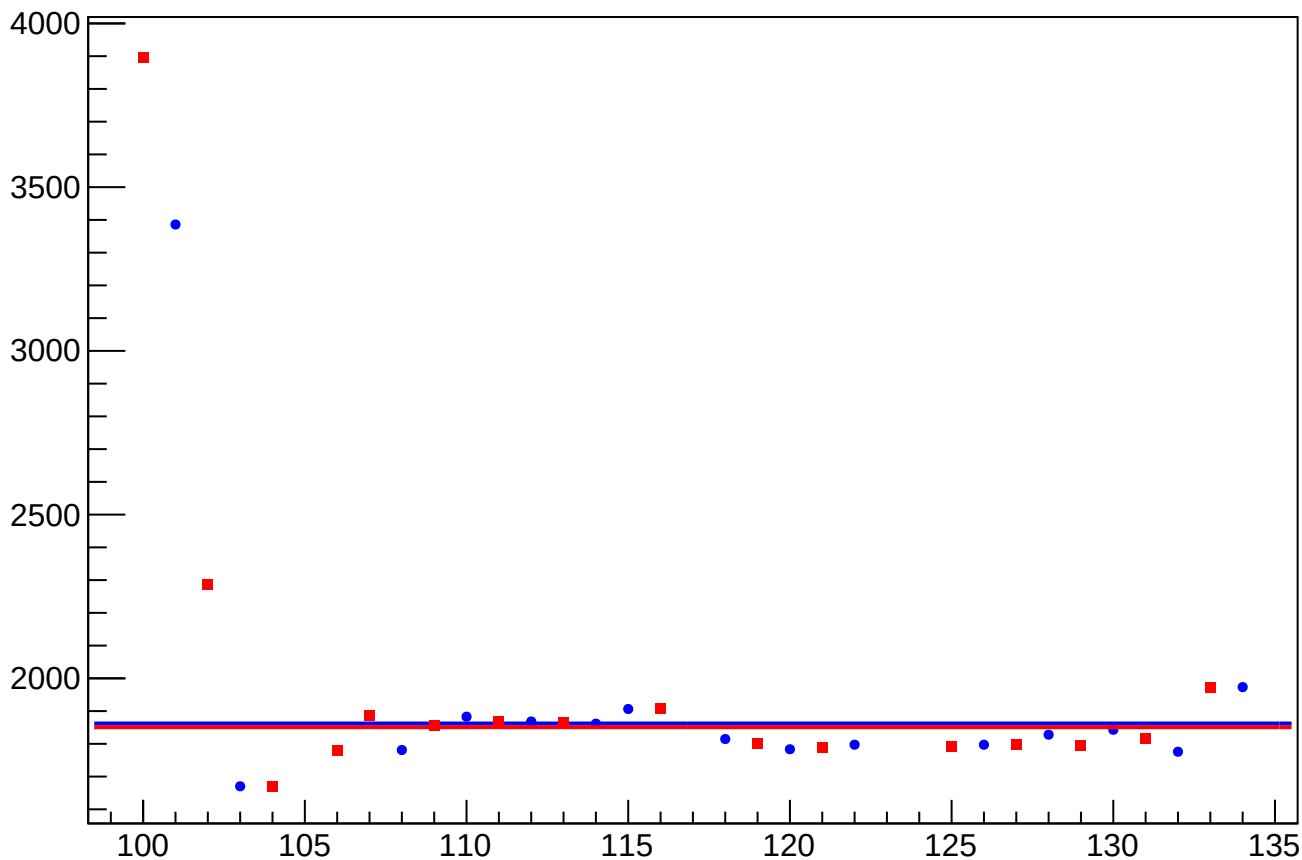
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 659.877+/-523.686 χ^2/NDF : 85.8/30

- sign 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: 1850.779+/-0.517 χ^2/NDF : 101465.7/15

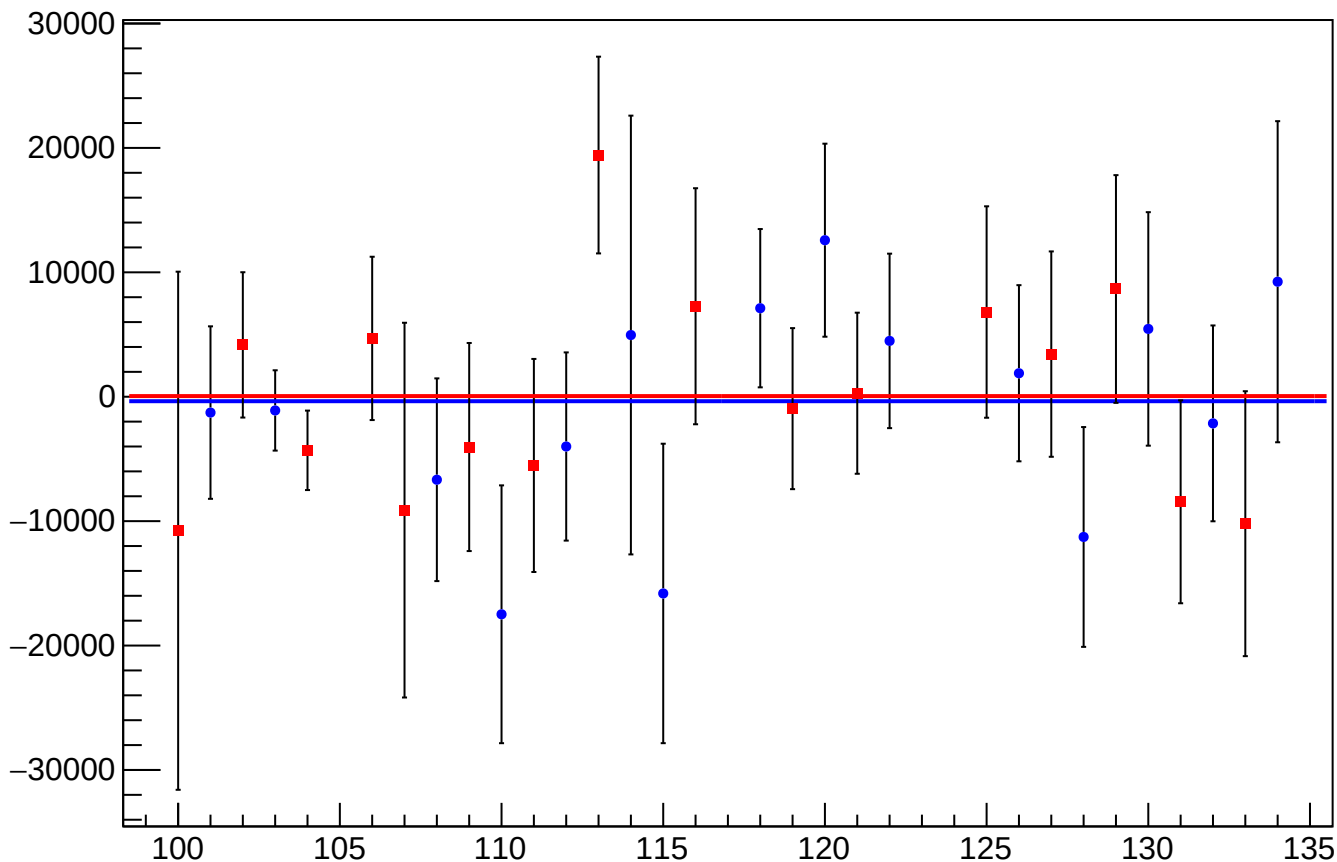
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1856.271+/-0.370 χ^2/NDF : 393856.3/30

- 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: 51.867+/-1755.716 χ^2/NDF : 14.5/15

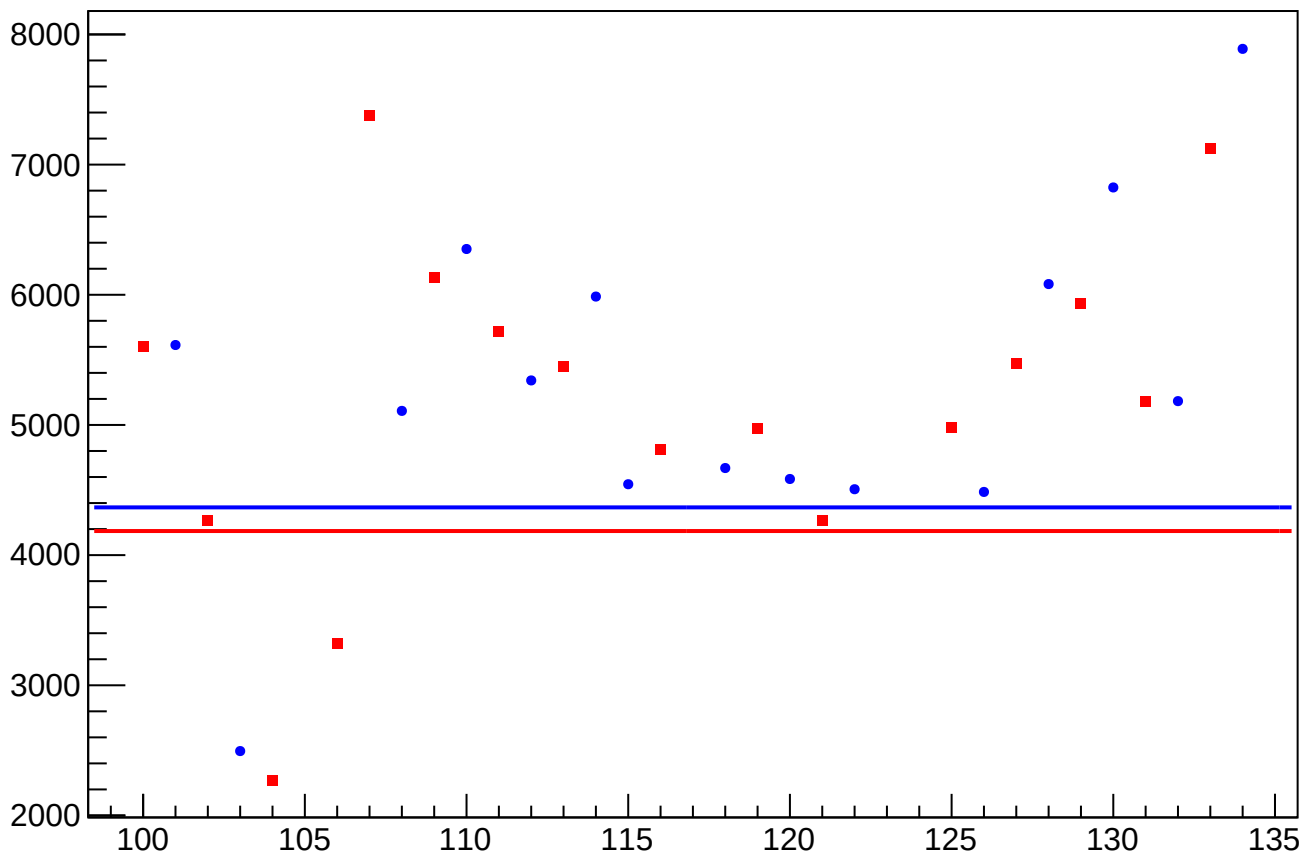
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -144.342+/-1268.902 χ^2/NDF : 27.1/30

- 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

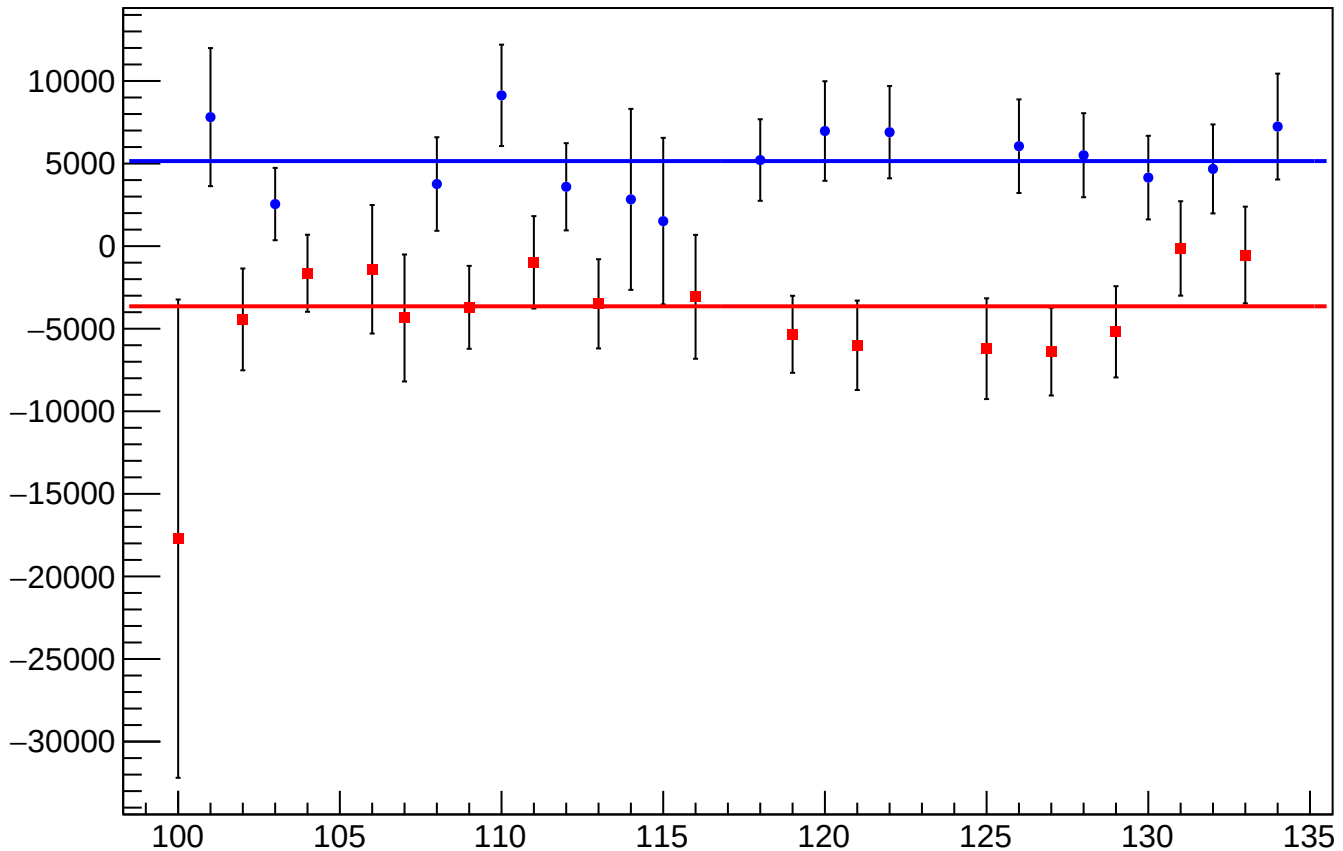
Right Out: 4185.041+/-1.241 χ^2/NDF : 1438922.1/15

All: 4271.831+/-0.897 χ^2/NDF : 2717522.0/30

- 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+/-748.576 χ^2/NDF : 6.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3643.964+/-732.881 χ^2/NDF : 9.1/15

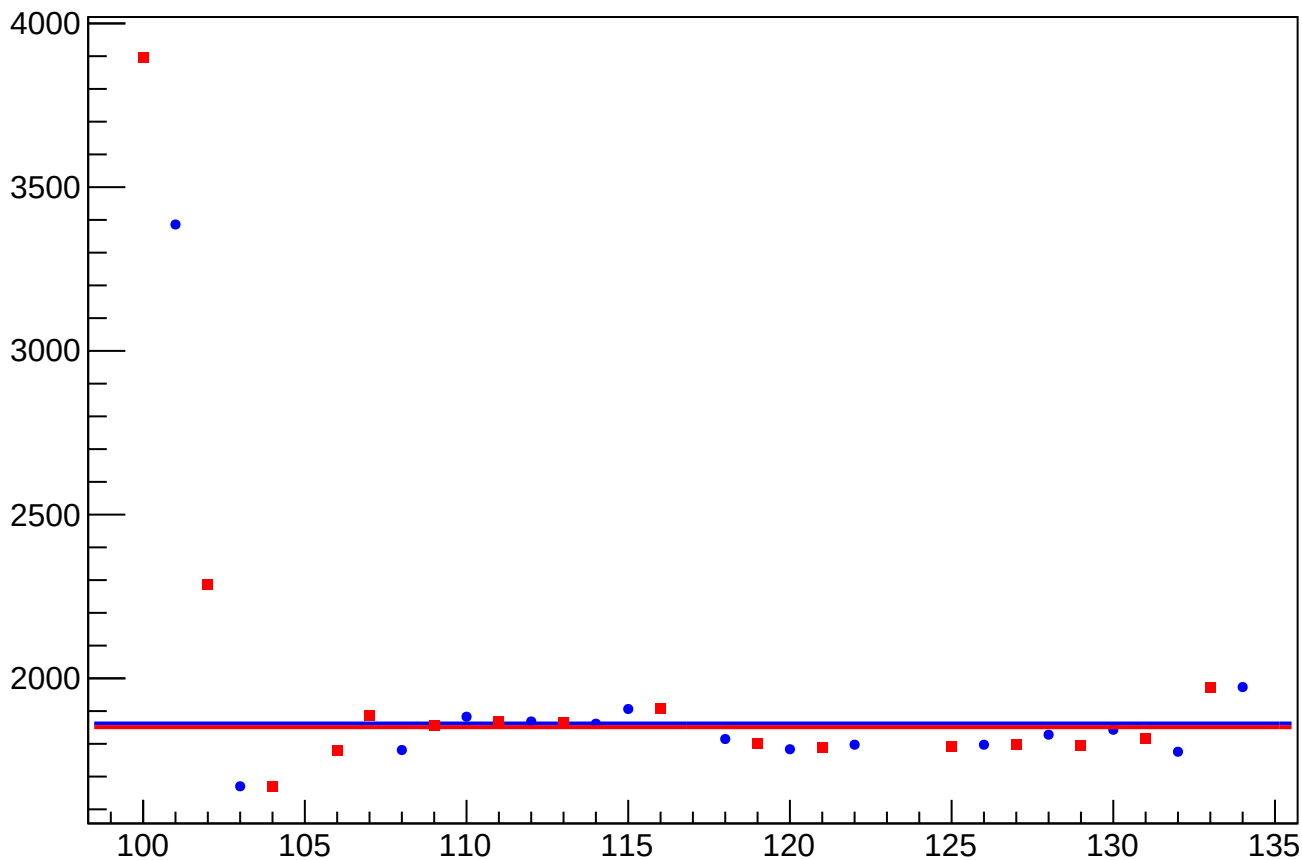
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 659.877+/-523.686 χ^2/NDF : 85.8/30

- sign 0.000+/-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: 1850.779+/-0.517 χ^2/NDF : 101465.7/15

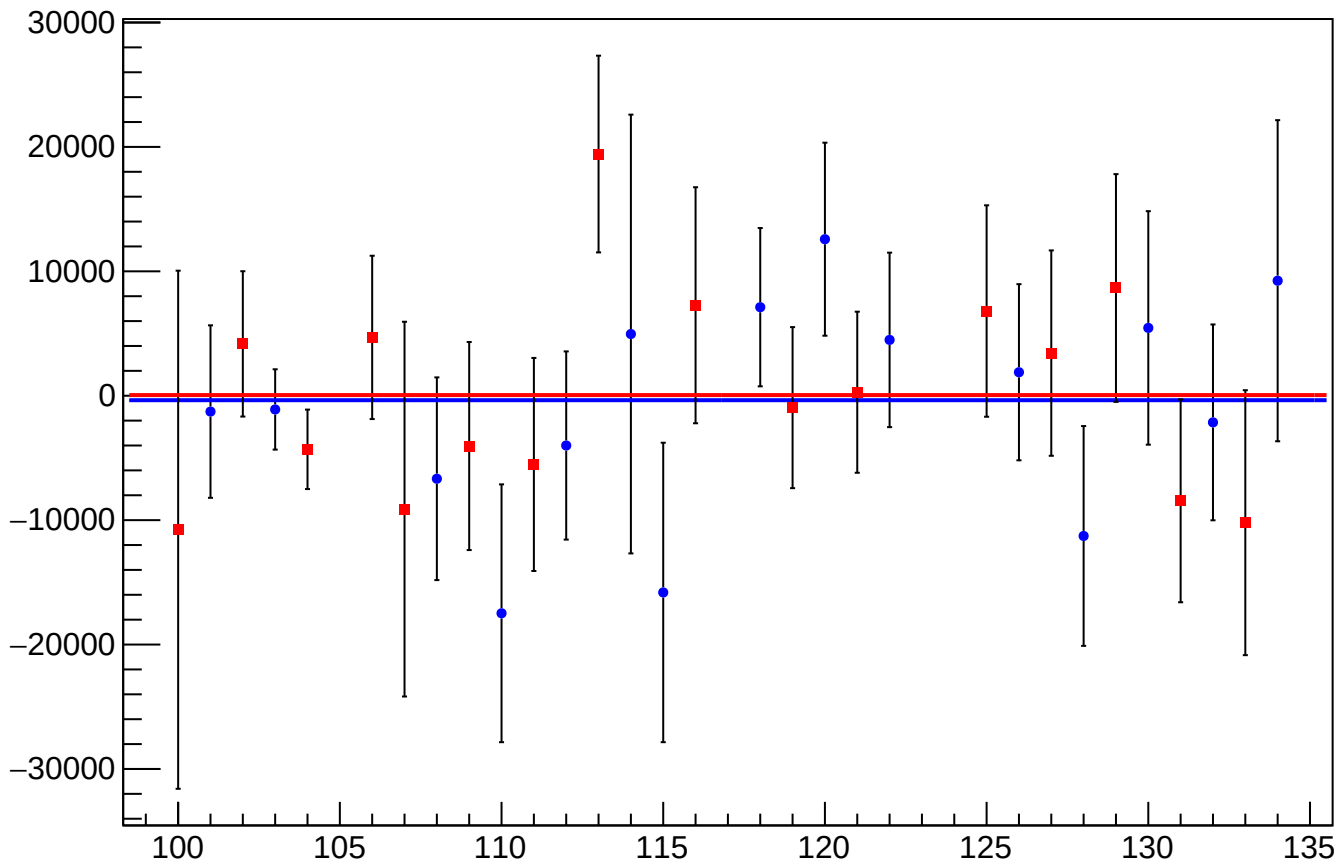
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1856.271+/-0.370 χ^2/NDF : 393856.3/30

- 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: 51.867+/-1755.716 χ^2/NDF : 14.5/15

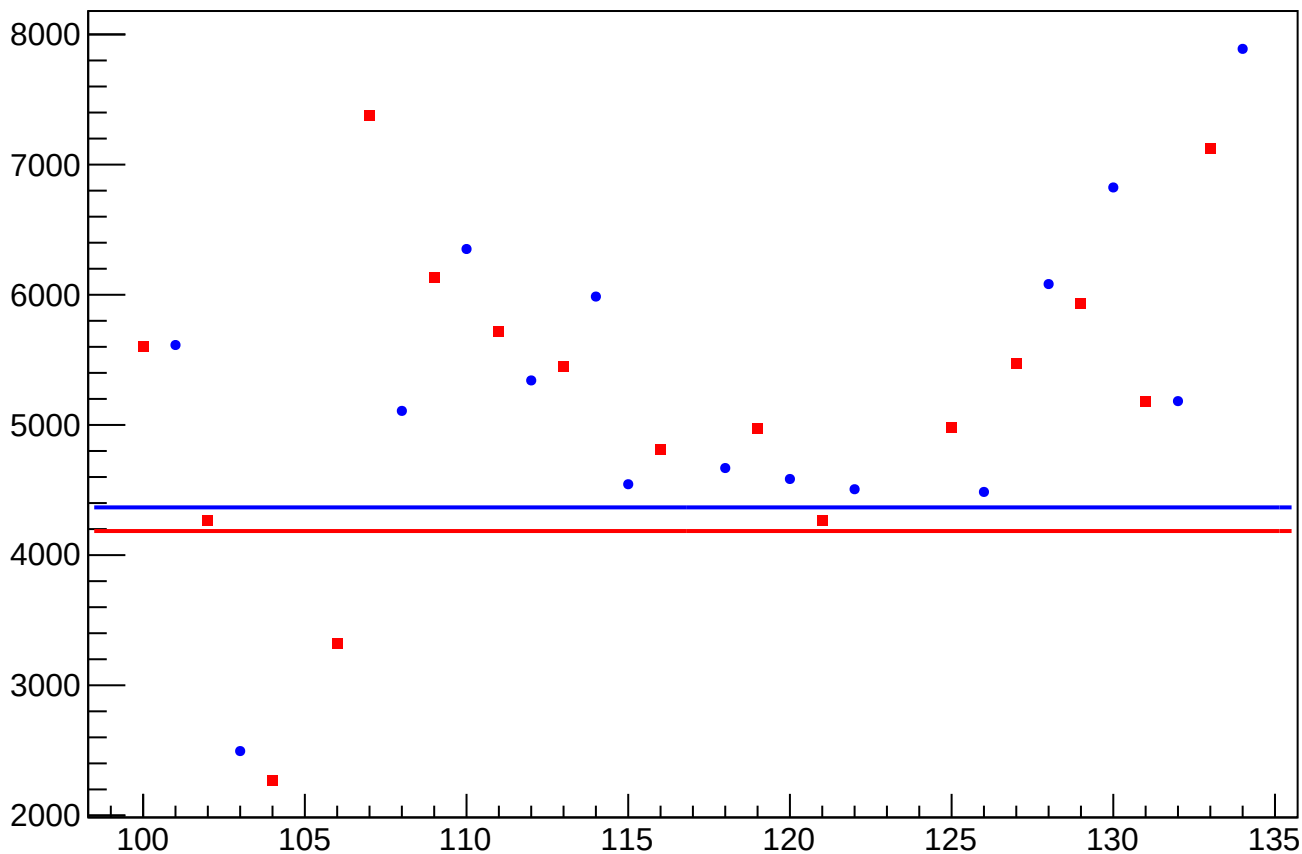
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -144.342+/-1268.902 χ^2/NDF : 27.1/30

- 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

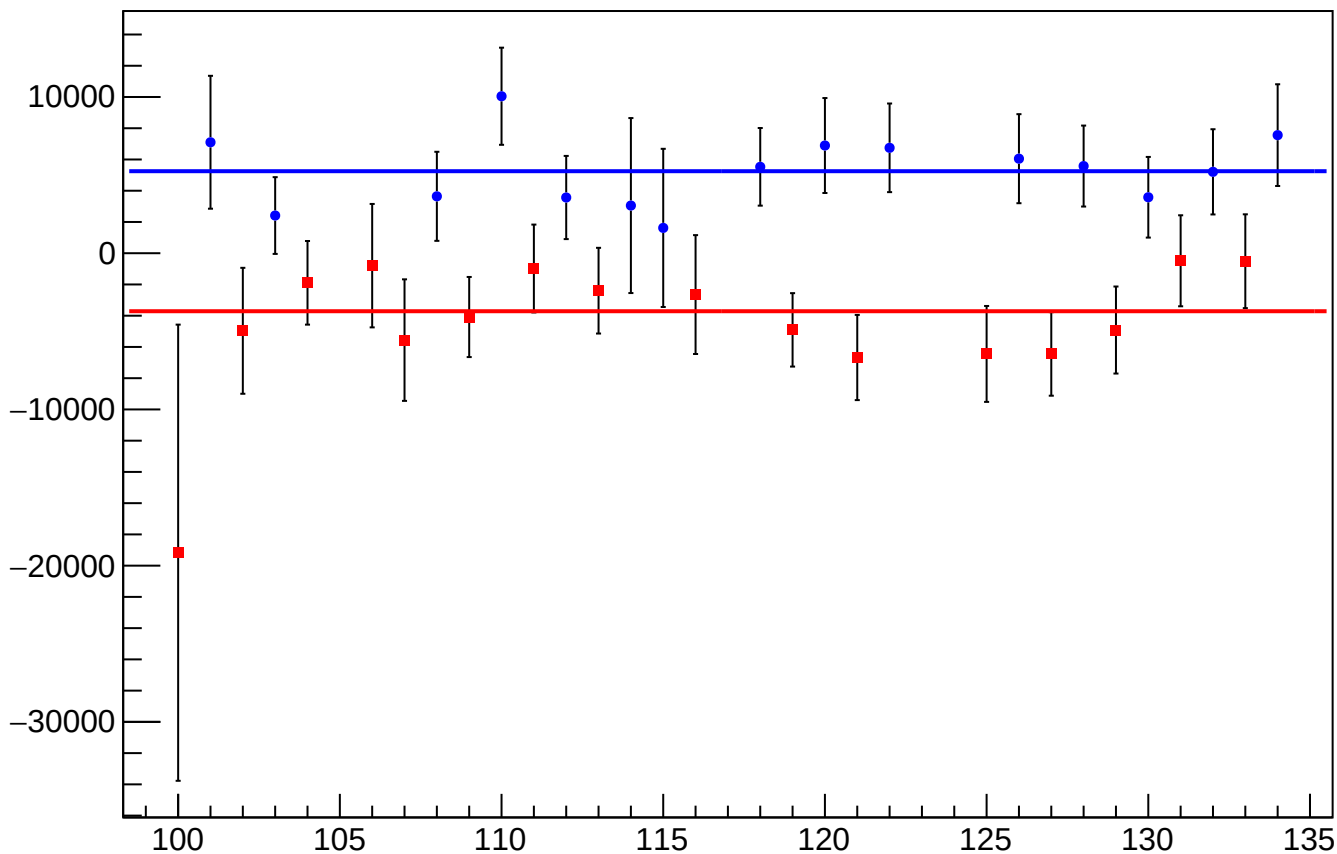
Right Out: 4185.041+/-1.241 χ^2/NDF : 1438922.1/15

All: 4271.831+/-0.897 χ^2/NDF : 2717522.0/30

- 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: -3713.382+/-759.057 χ^2/NDF : 9.6/15

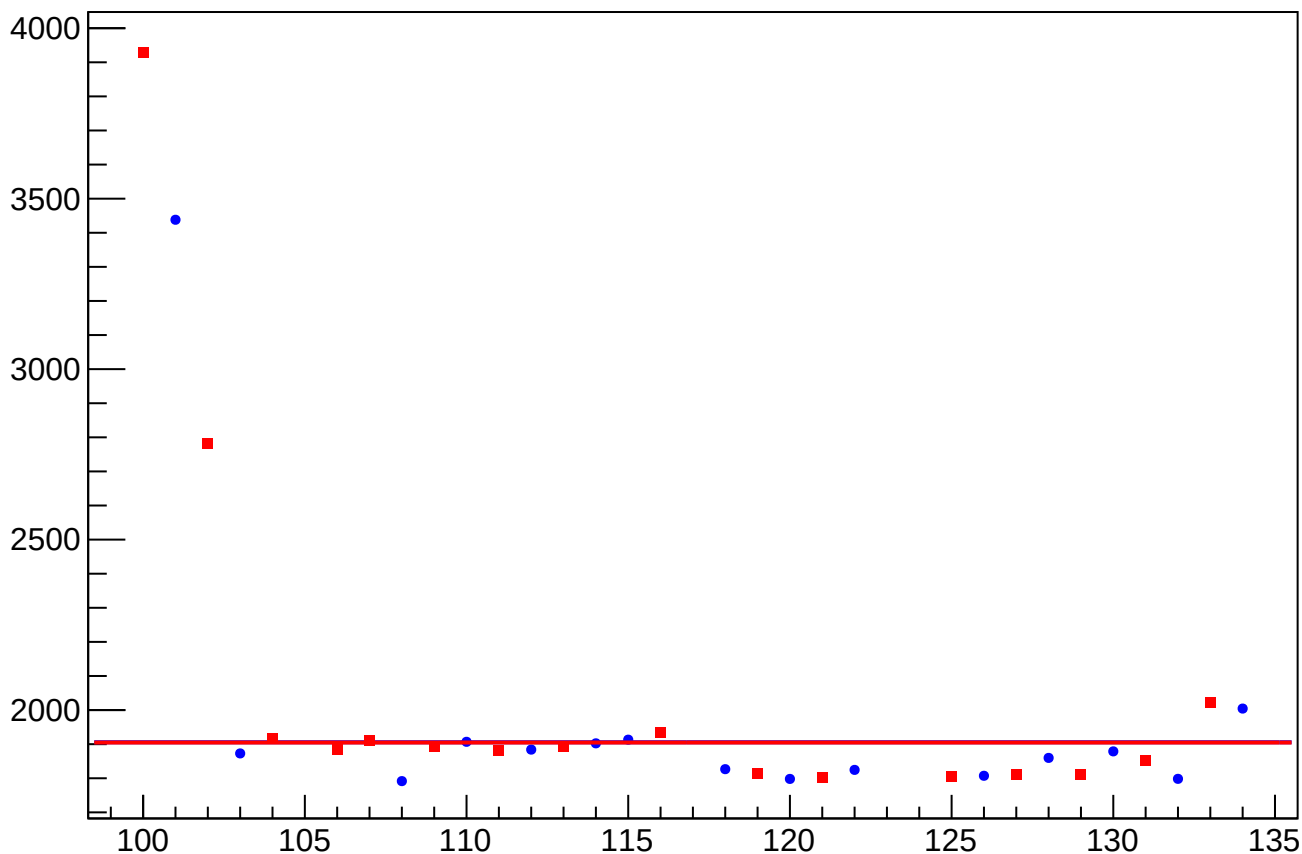
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 728.139+/-539.139 χ^2/NDF : 85.5/30

- 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: 1904.806 $\pm$ 0.536 χ^2 /NDF: 149856.0/15

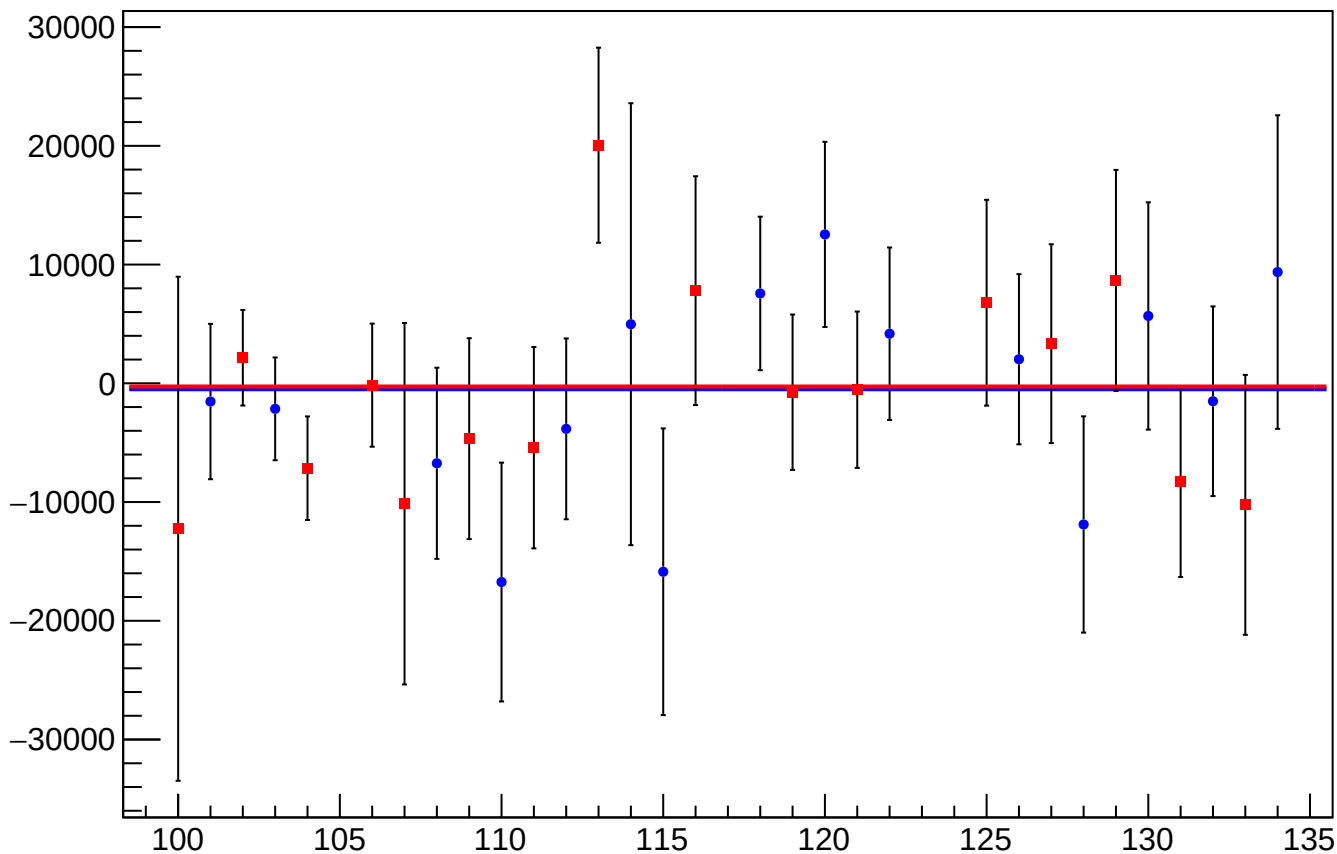
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1905.207 $\pm$ 0.381 χ^2 /NDF: 427515.2/30

- 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: -268.724+/-1765.149 χ^2/NDF : 14.7/15

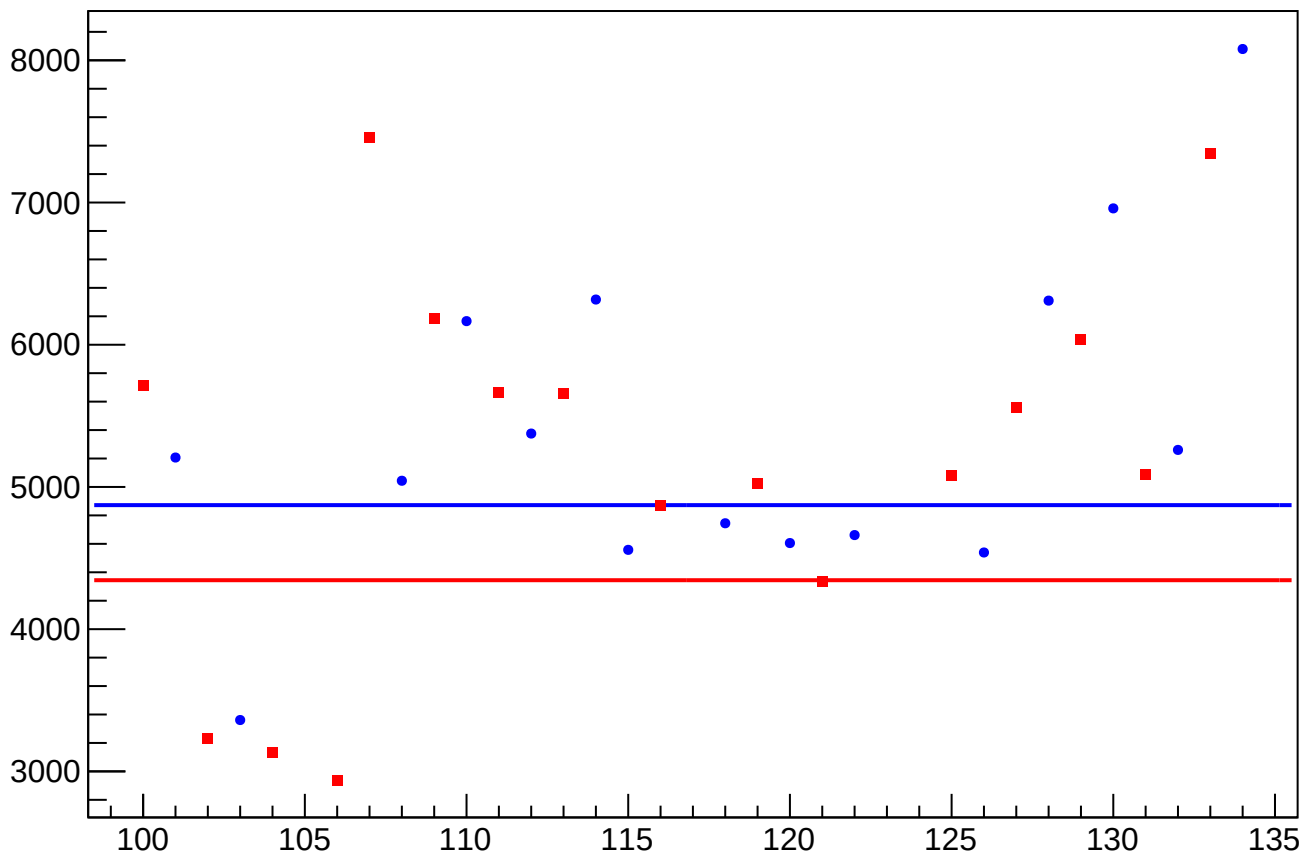
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -370.359+/-1320.836 χ^2/NDF : 27.4/30

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

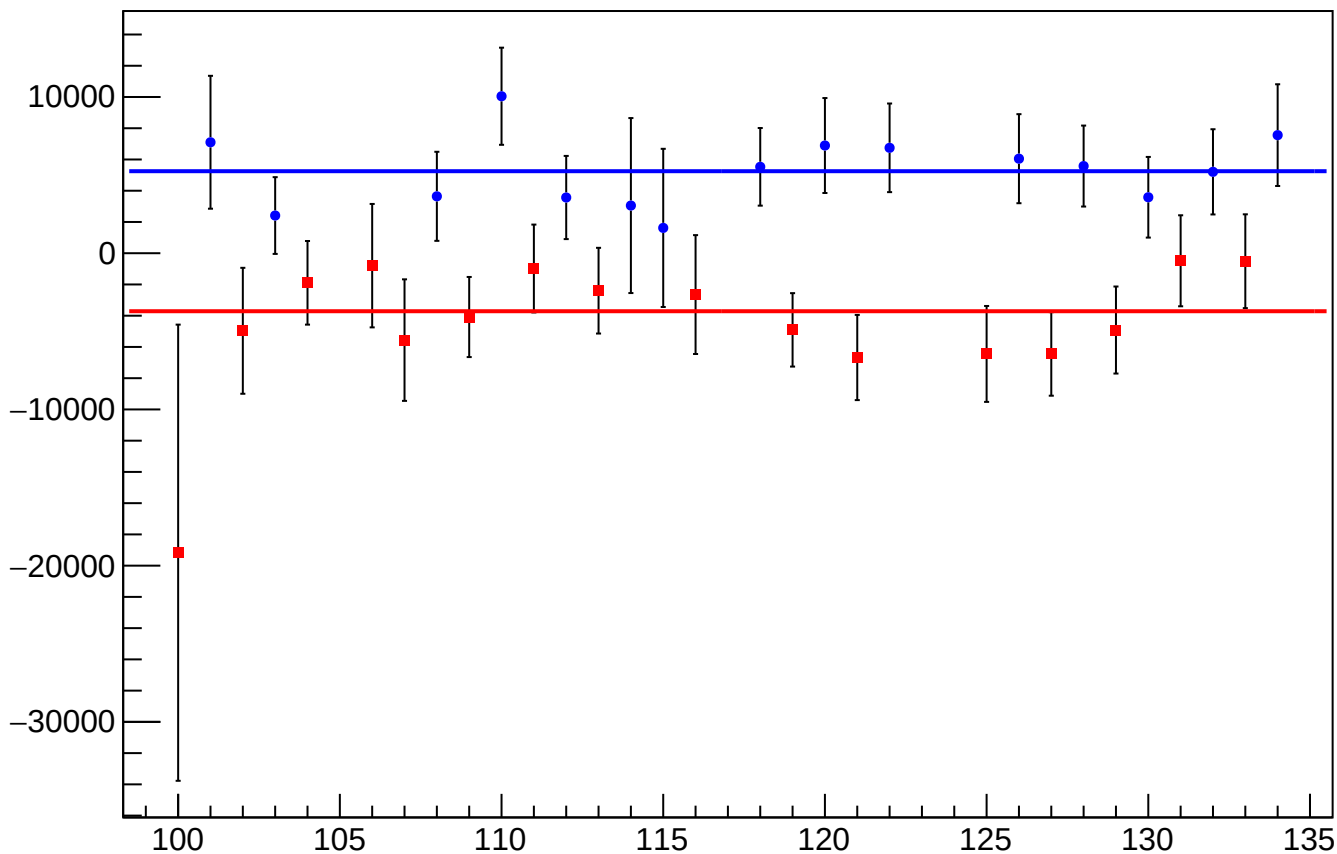
Right Out: 4344.291+/-1.248 χ^2/NDF : 1058743.9/15

All: 4576.610+/-0.934 χ^2/NDF : 1719256.9/30

- 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_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: -3713.383+/-759.056 χ^2/NDF : 9.6/15

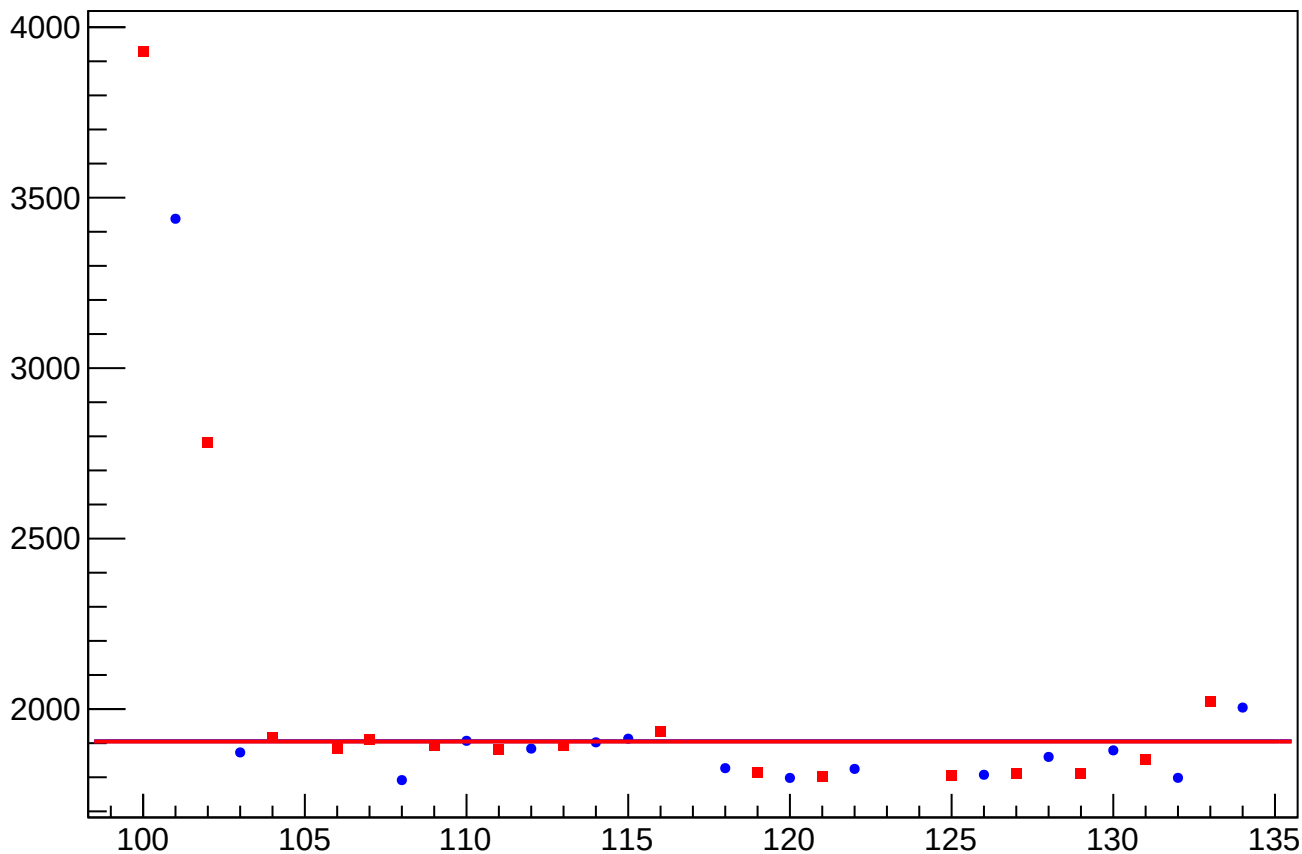
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 728.139+/-539.139 χ^2/NDF : 85.5/30

- 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 $\pm$ 0.542 χ^2 /NDF: 277658.4/14

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

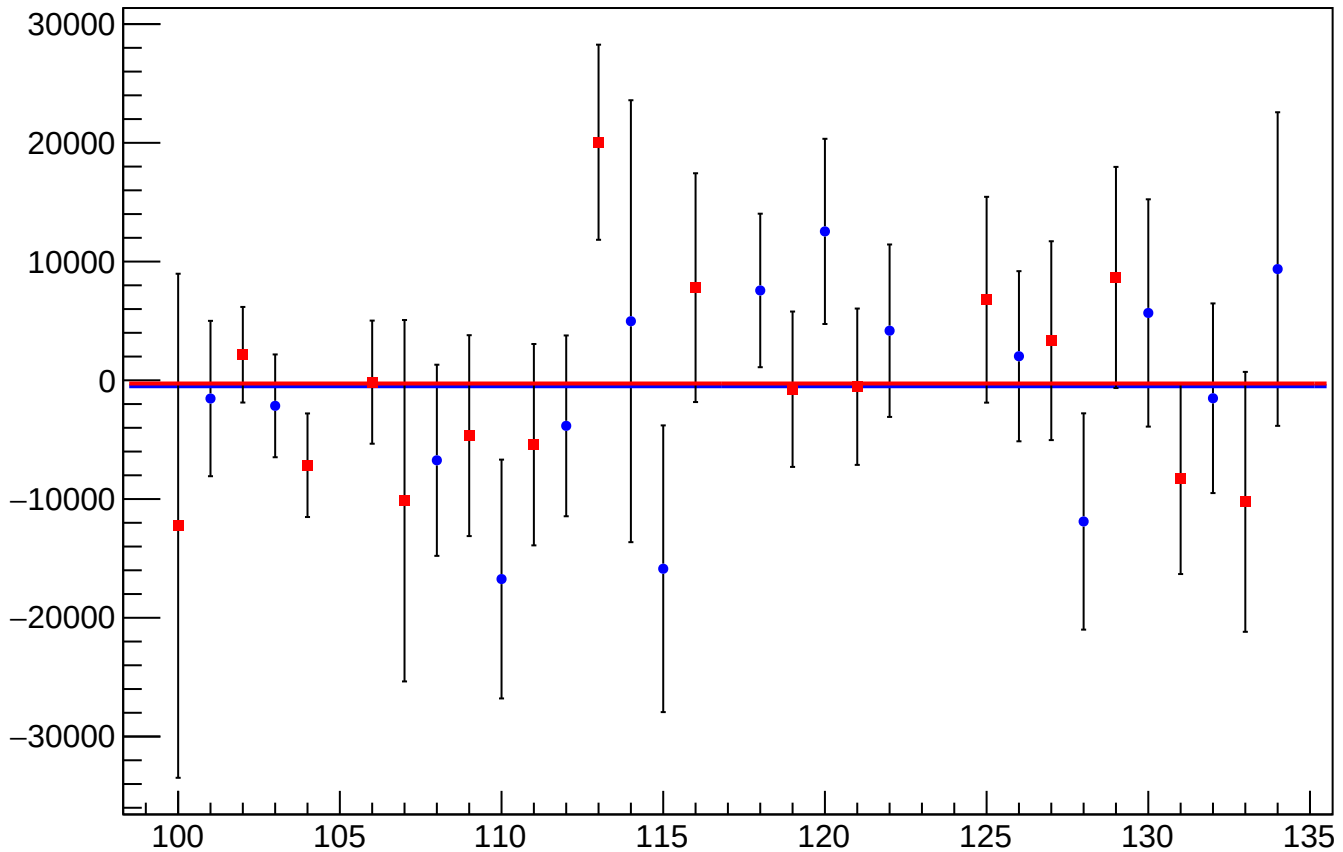
Right Out: 1904.805 $\pm$ 0.536 χ^2 /NDF: 149855.3/15

All: 1905.206 $\pm$ 0.381 χ^2 /NDF: 427514.8/30

Left 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_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: -268.725+/-1765.144 χ^2/NDF : 14.7/15

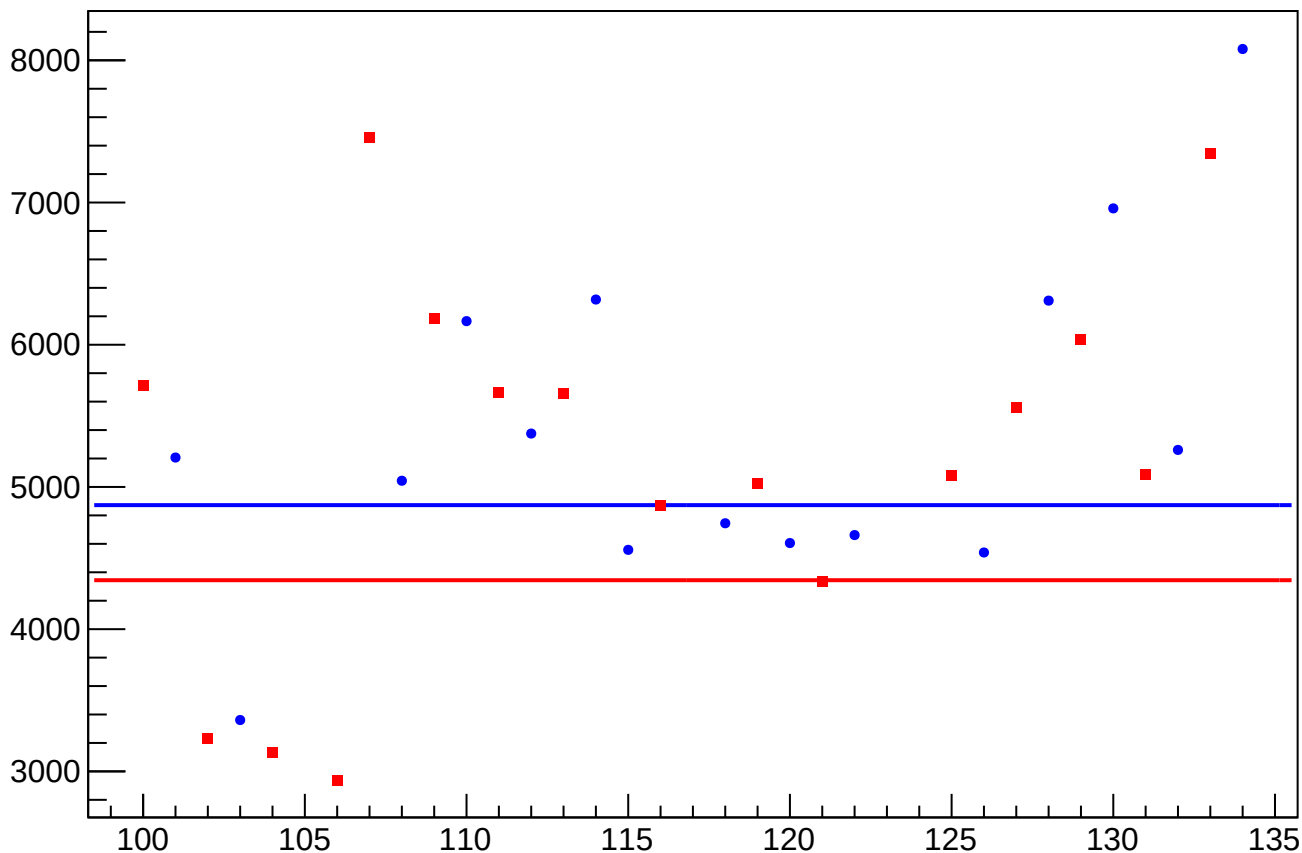
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -370.358+/-1320.833 χ^2/NDF : 27.4/30

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

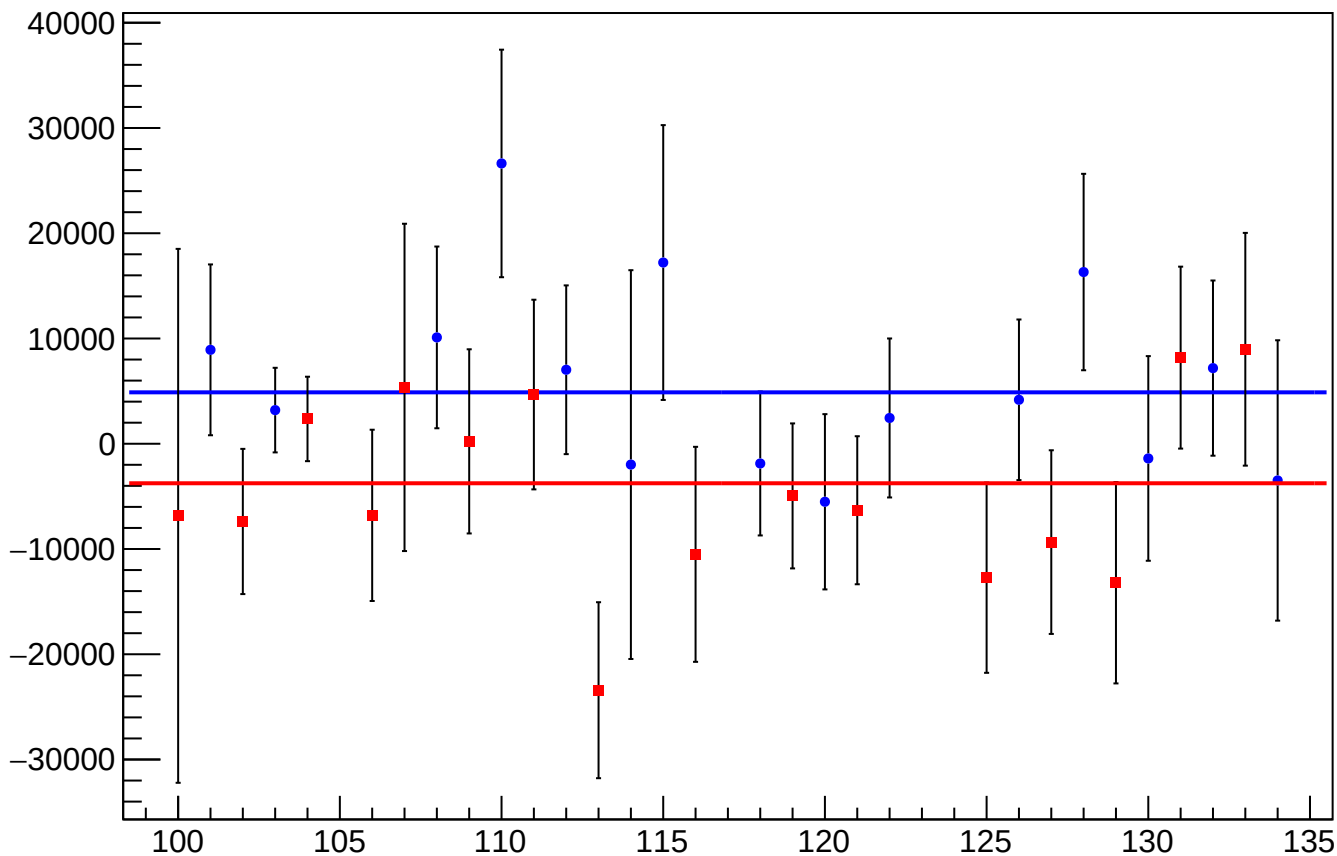
Right Out: 4344.279+/-1.248 χ^2/NDF : 1058740.8/15

All: 4576.597+/-0.934 χ^2/NDF : 1719253.7/30

- 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_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

Right Out: -3754.337+/-1990.513 χ^2/NDF : 15.9/15

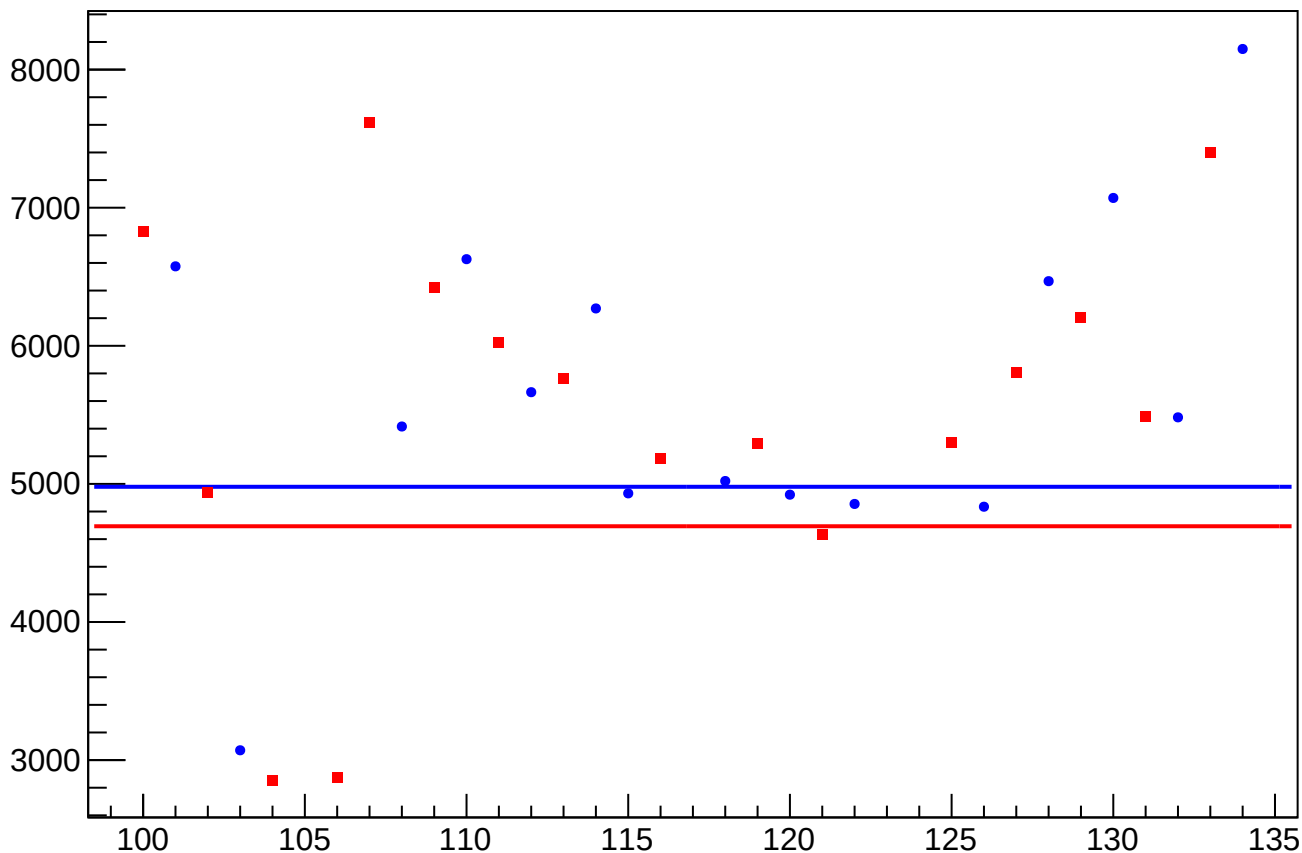
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 421.017+/-1430.786 χ^2/NDF : 36.0/30

- sign 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

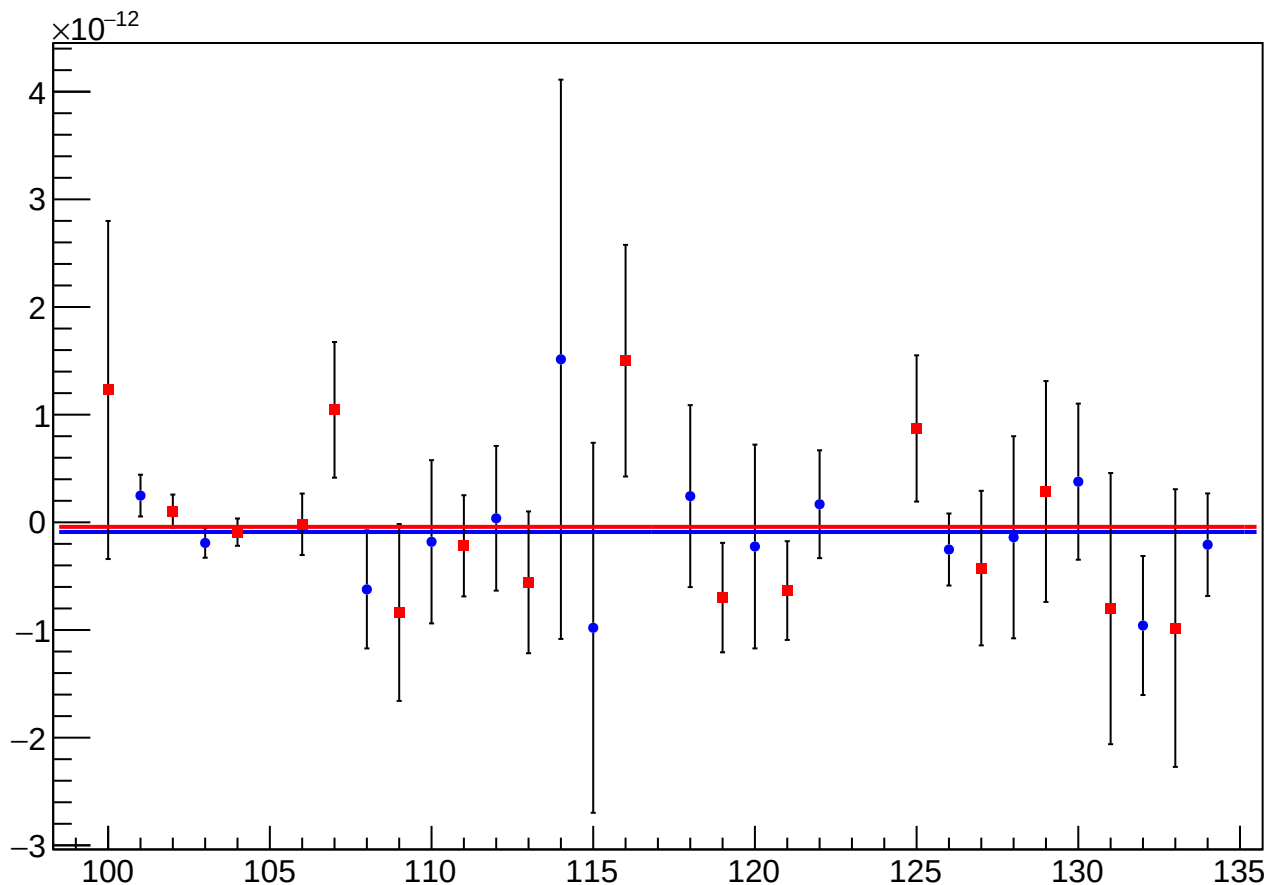
Right Out: 4693.314+/-1.377 χ^2/NDF : 1086293.2/15

All: 4828.336+/-1.000 χ^2/NDF : 1976430.0/30

- 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+/-0.000 χ^2/NDF : 8.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.9/15

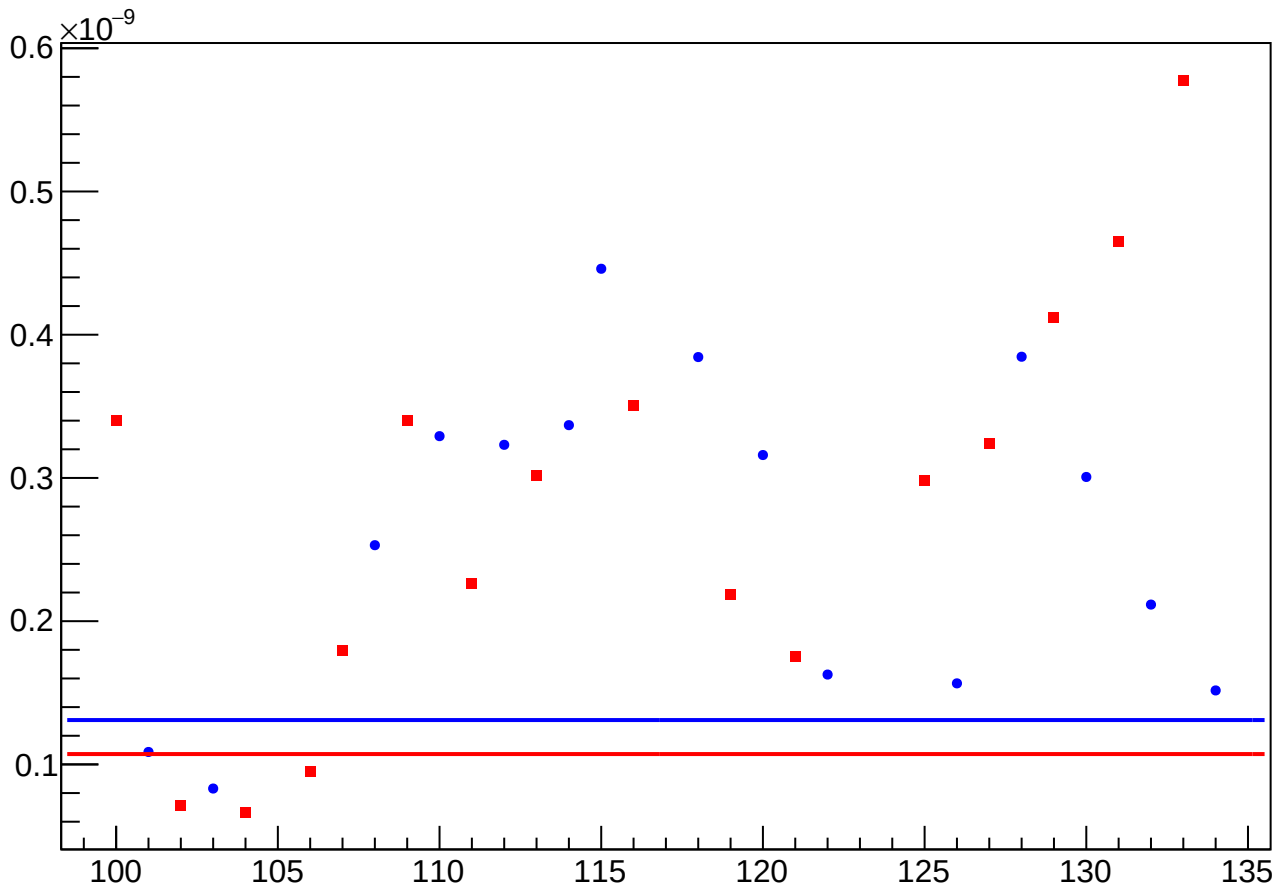
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.2/30

- sign 0.000+/-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 : 2041580.2/15

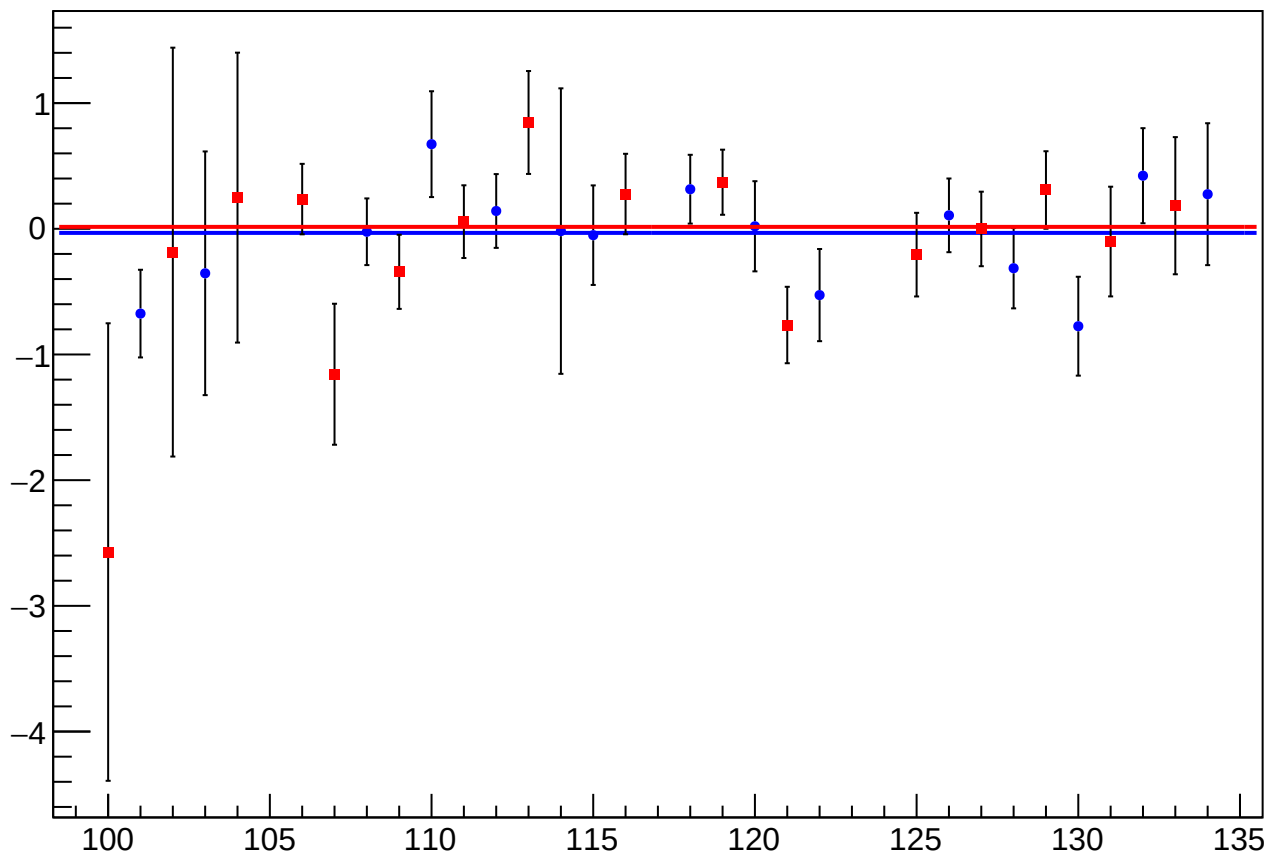
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3427419.7/30

- 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+/-0.091 χ^2/NDF : 23.3/15

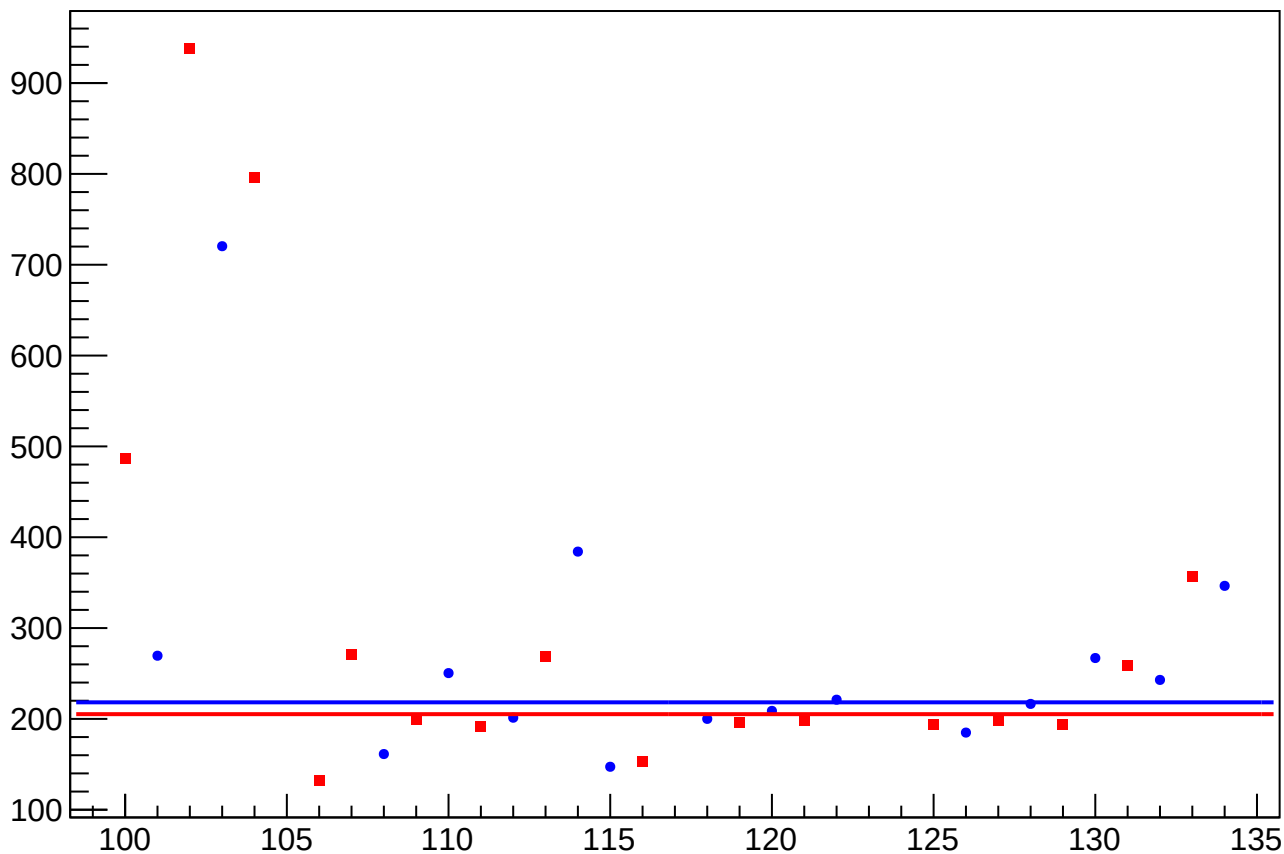
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.065 χ^2/NDF : 39.9/30

- 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

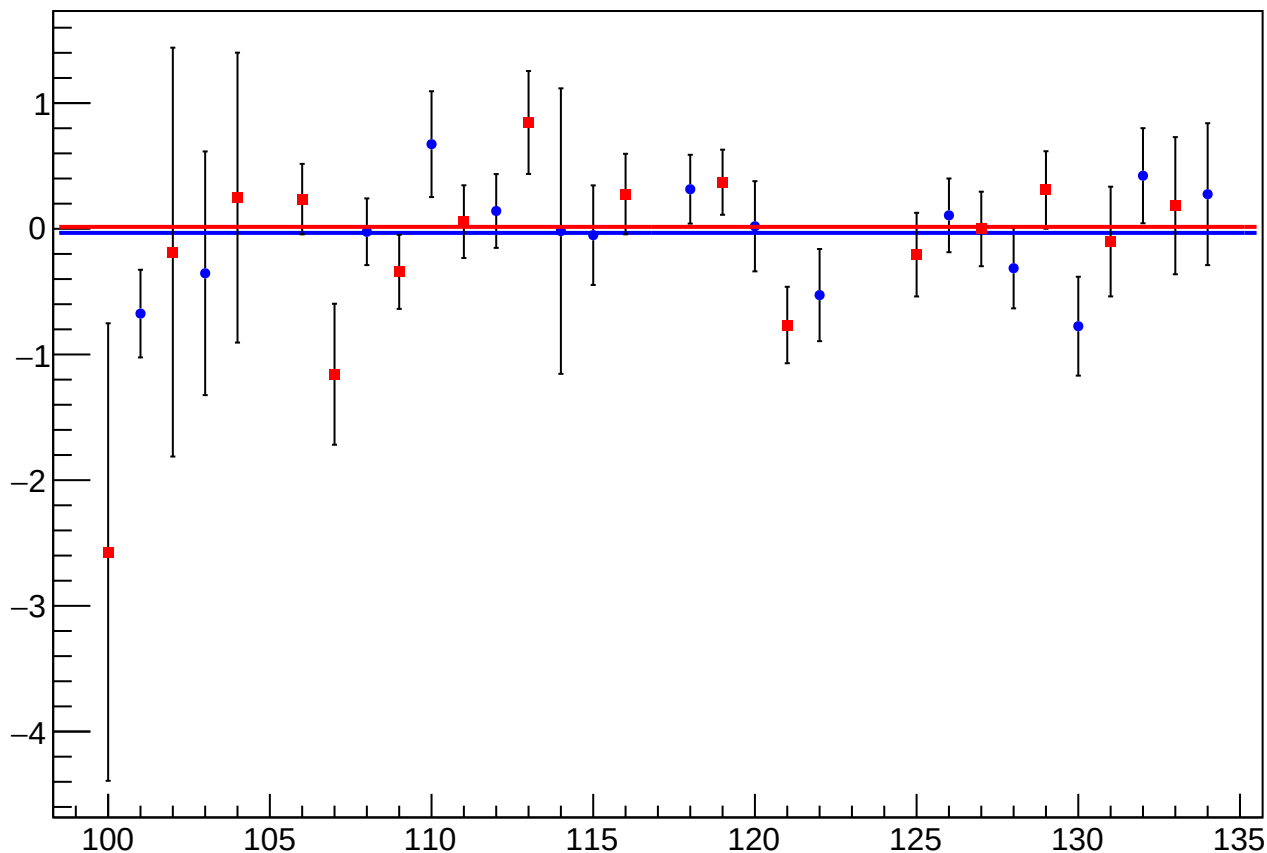
Right Out: 205.226+/-0.064 χ^2/NDF : 1442856.3/15

All: 211.530+/-0.046 χ^2/NDF : 2438724.5/30

- 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+/-0.091 χ^2/NDF : 23.3/15

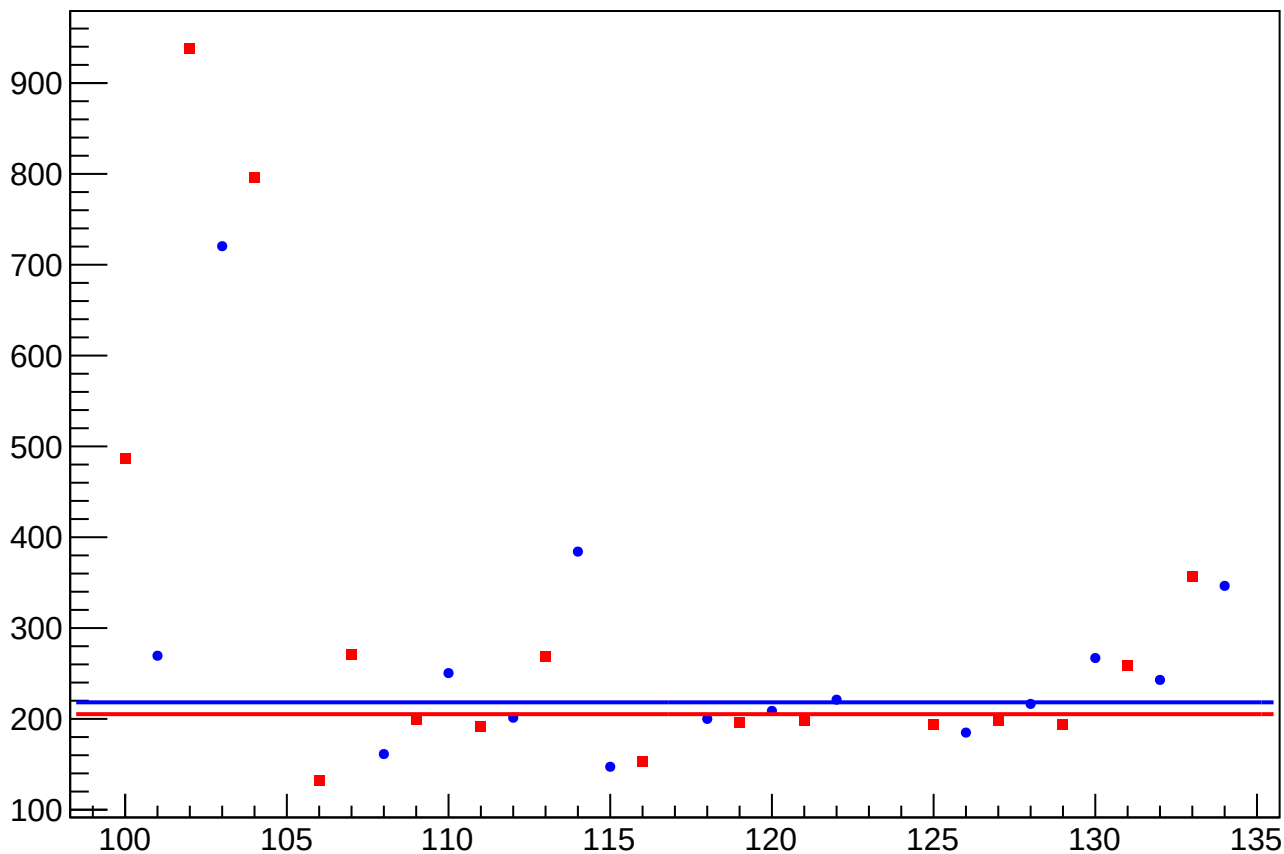
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.065 χ^2/NDF : 39.9/30

- 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 $\pm$ 0.066 χ^2 /NDF: 975893.6/14

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

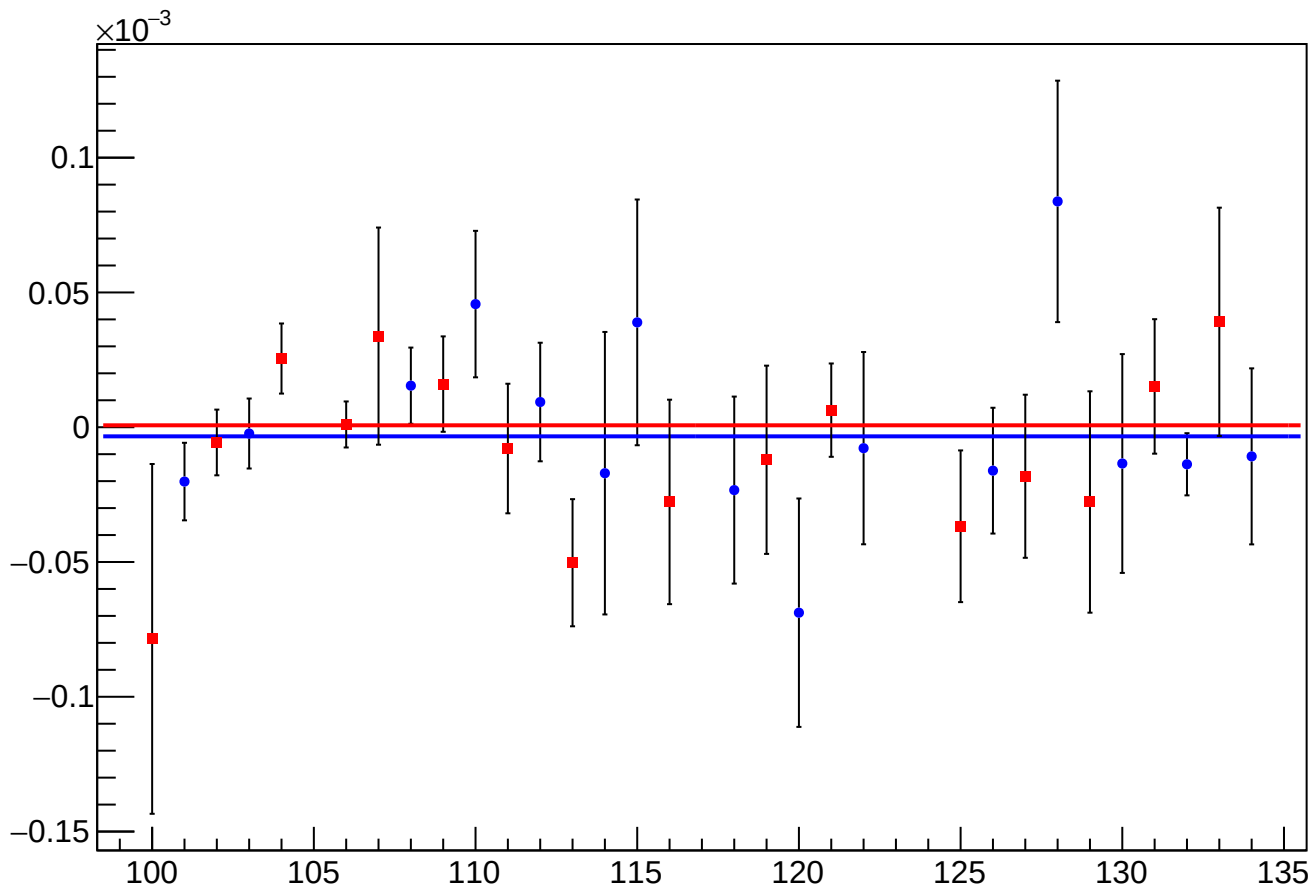
Right Out: 205.226 $\pm$ 0.064 χ^2 /NDF: 1442856.3/15

All: 211.530 $\pm$ 0.046 χ^2 /NDF: 2438724.5/30

- 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_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: 16.2/15

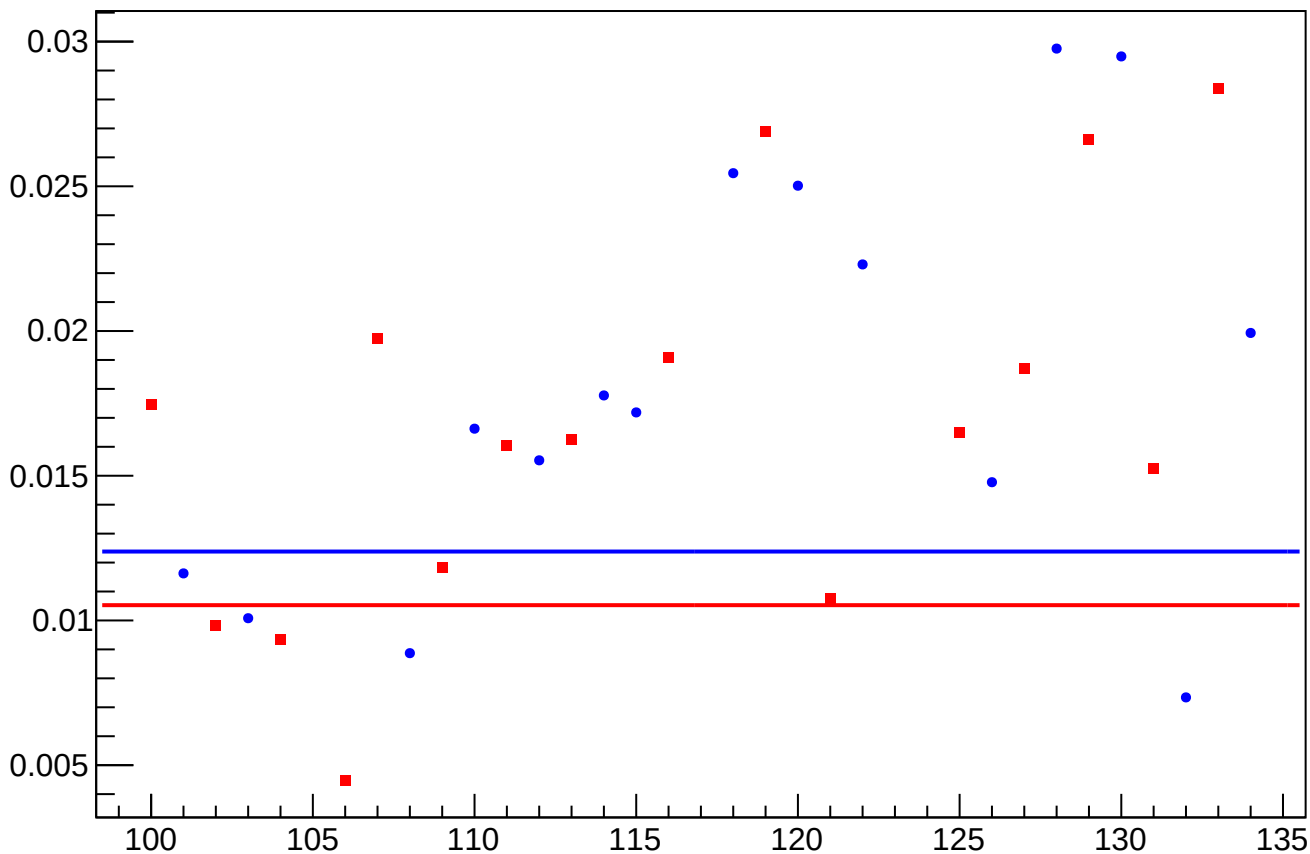
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 31.9/30

- 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 : 2907119.4/15

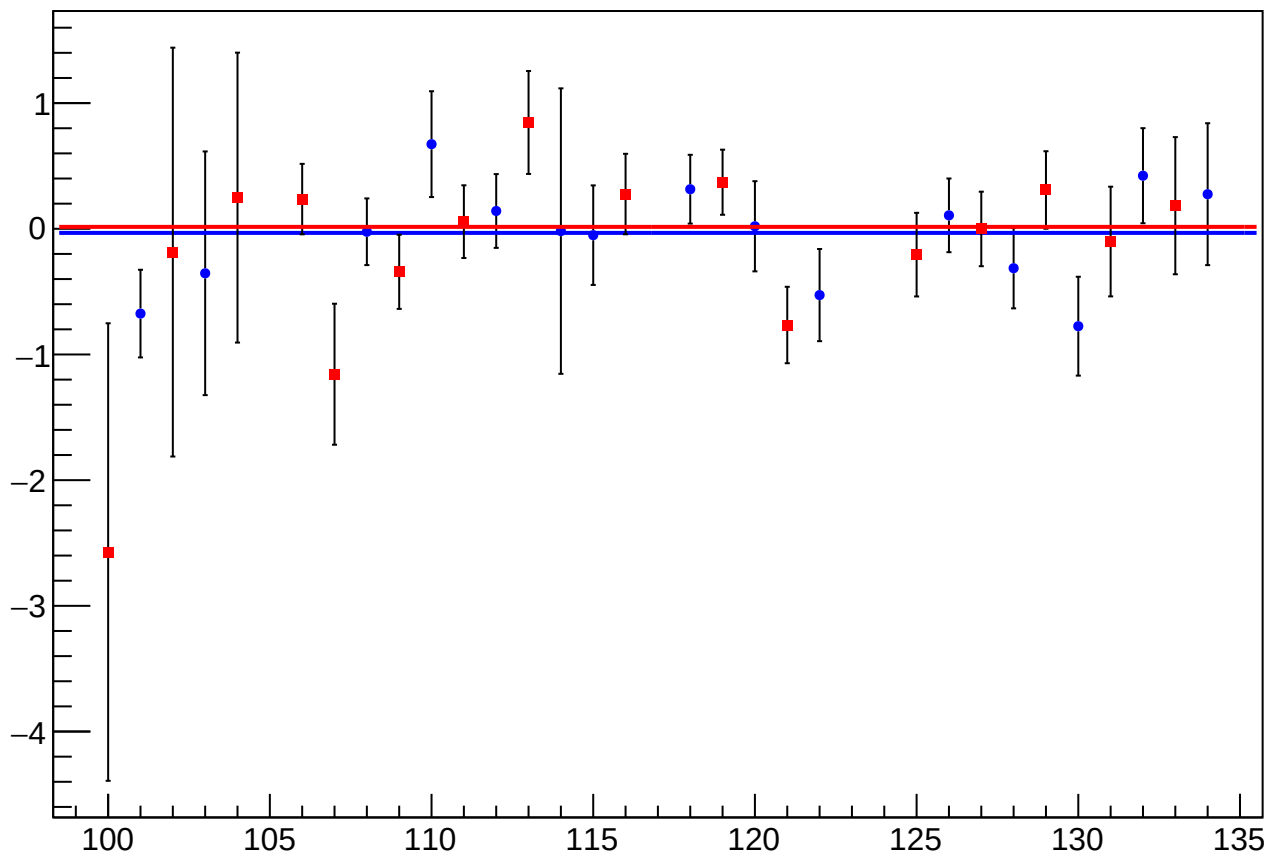
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 5145948.9/30

- 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 $\pm$ 0.093 χ^2 /NDF: 16.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.015 $\pm$ 0.091 χ^2 /NDF: 23.3/15

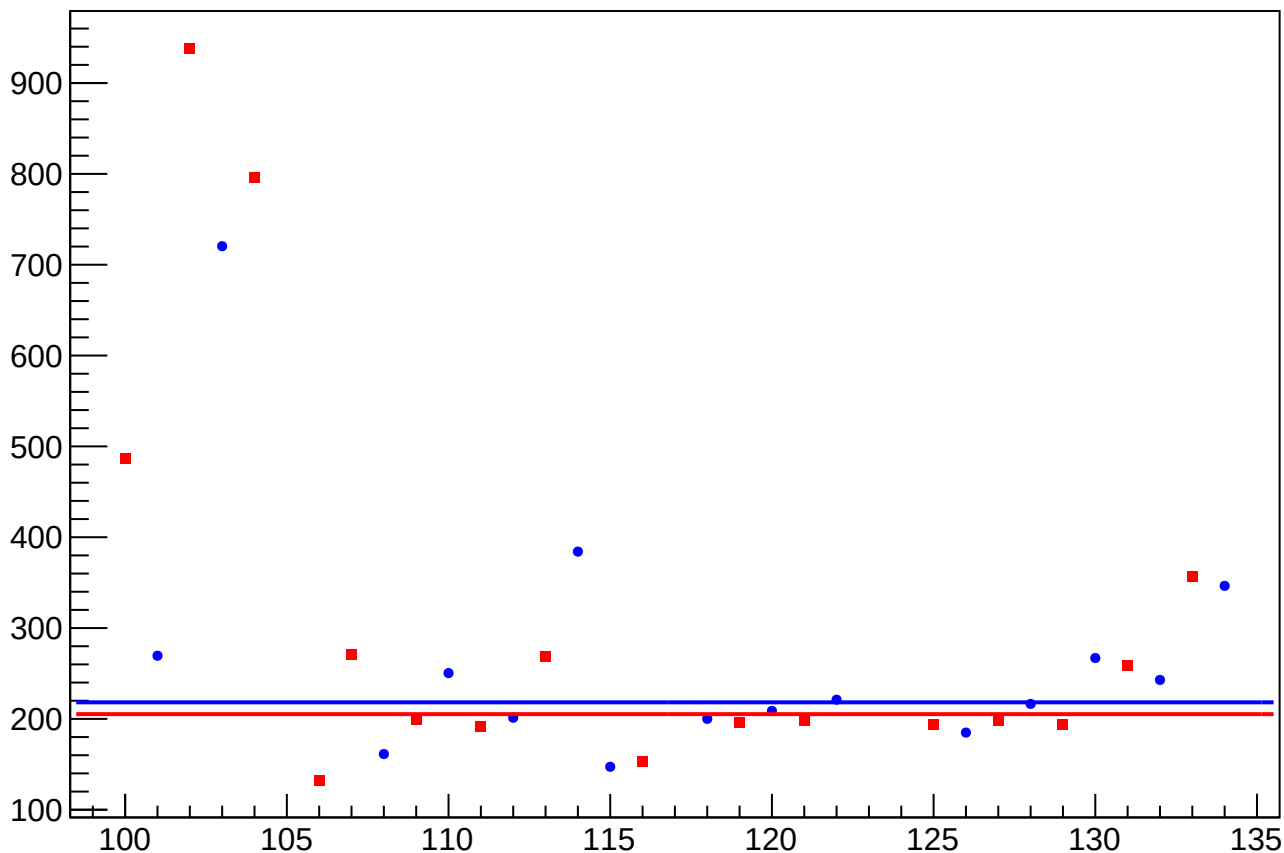
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.008 $\pm$ 0.065 χ^2 /NDF: 39.9/30

- sign 0.000 $\pm$ 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

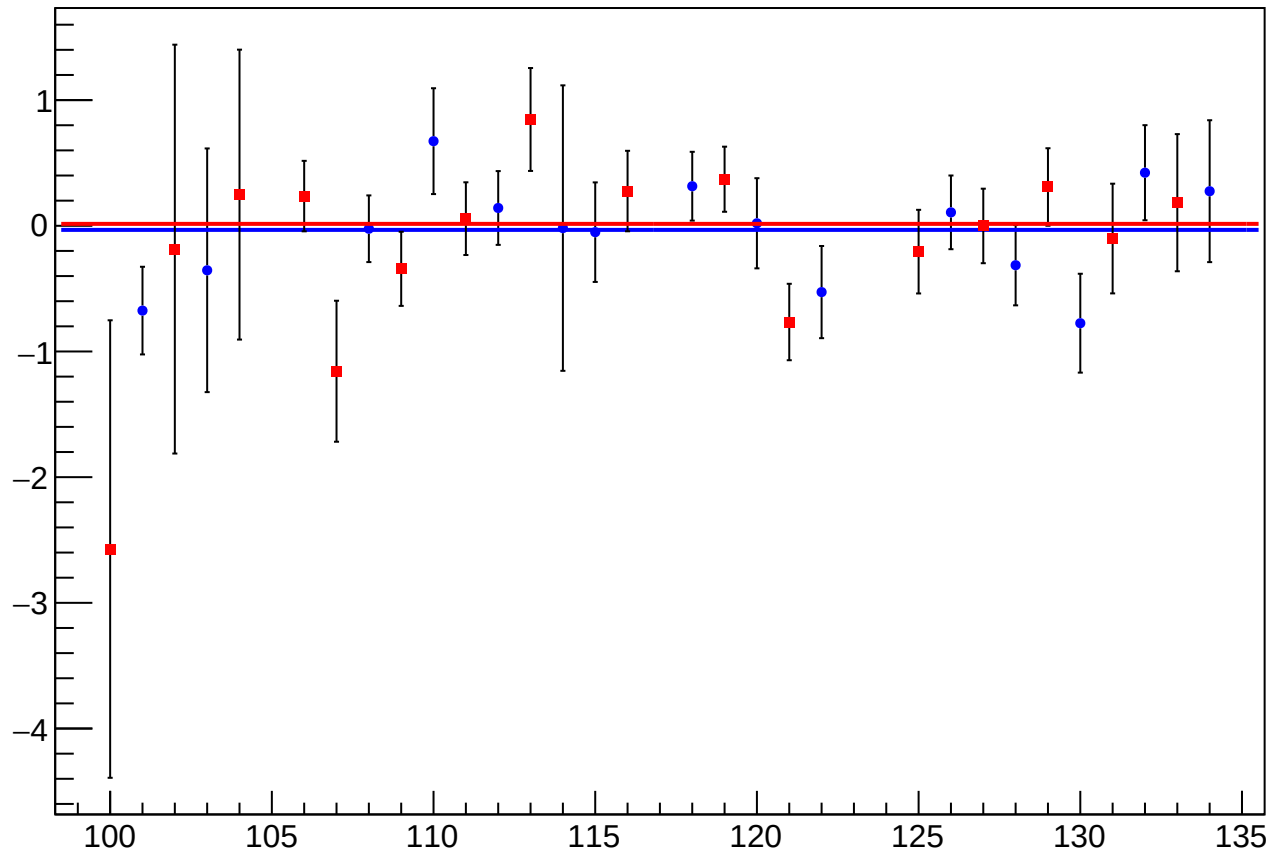
Right Out: 205.223+/-0.064 χ^2/NDF : 1442824.4/15

All: 211.528+/-0.046 χ^2/NDF : 2438668.1/30

- 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+/-0.091 χ^2/NDF : 23.3/15

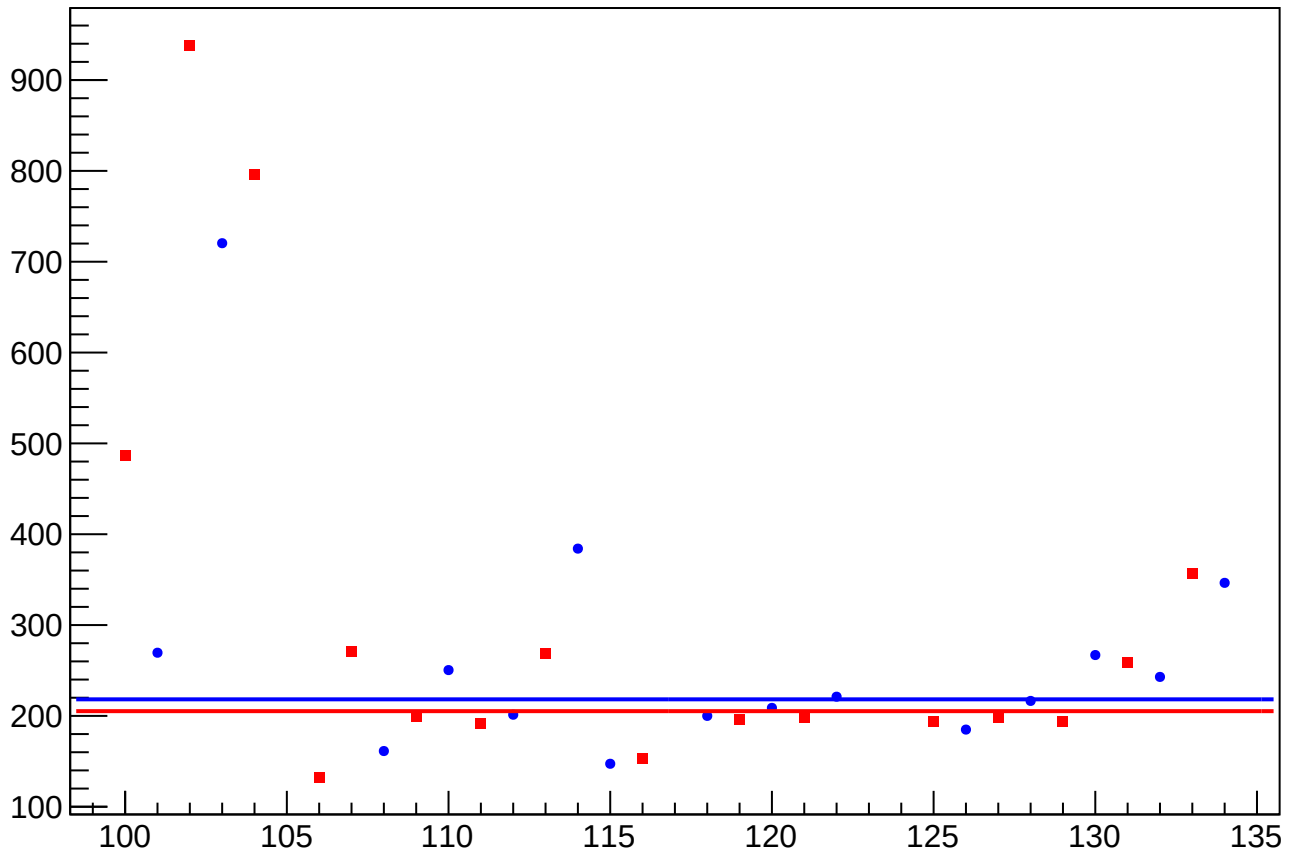
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.065 χ^2/NDF : 39.9/30

- 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

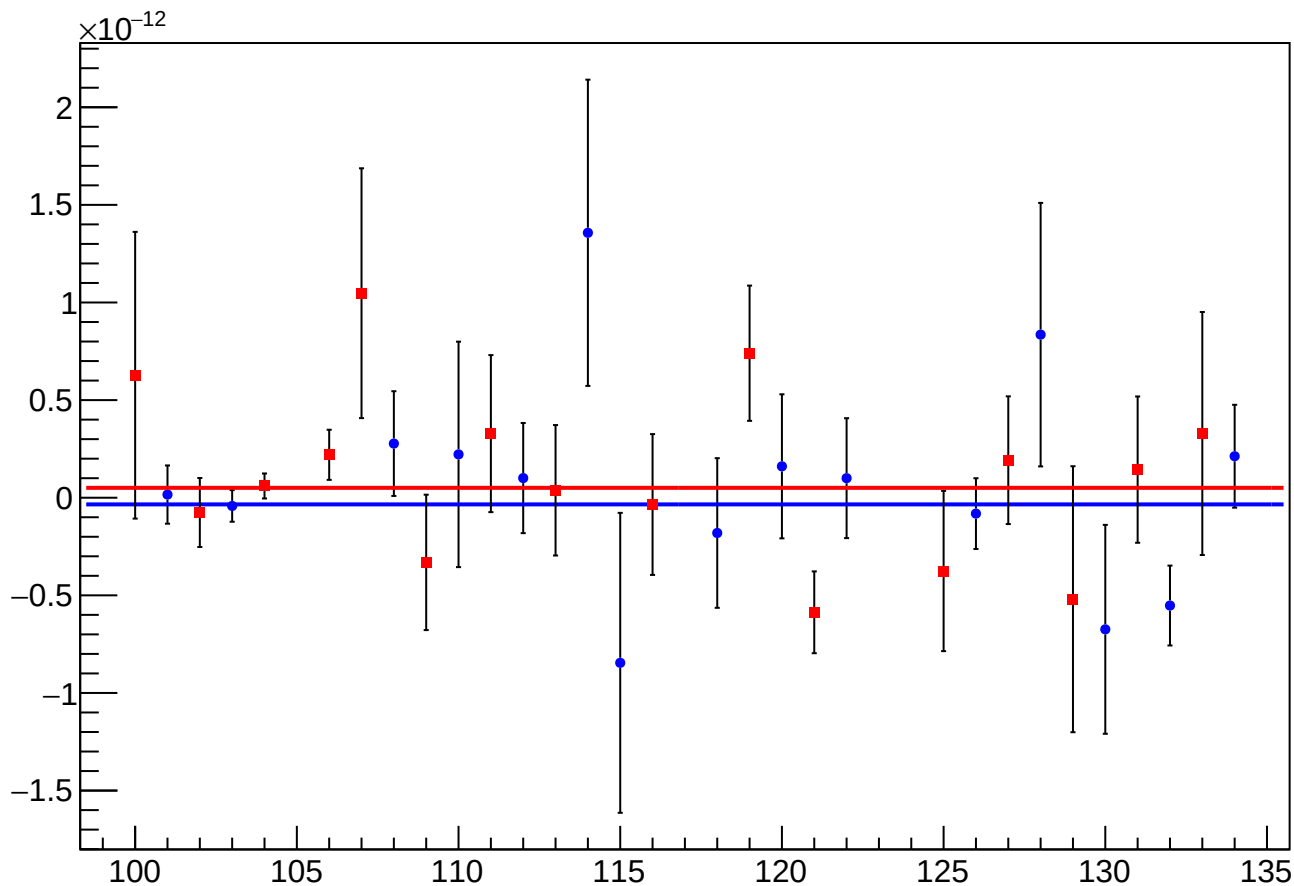
Right Out: 205.223+/-0.064 χ^2/NDF : 1442824.4/15

All: 211.528+/-0.046 χ^2/NDF : 2438668.1/30

- 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 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 : 22.5/15

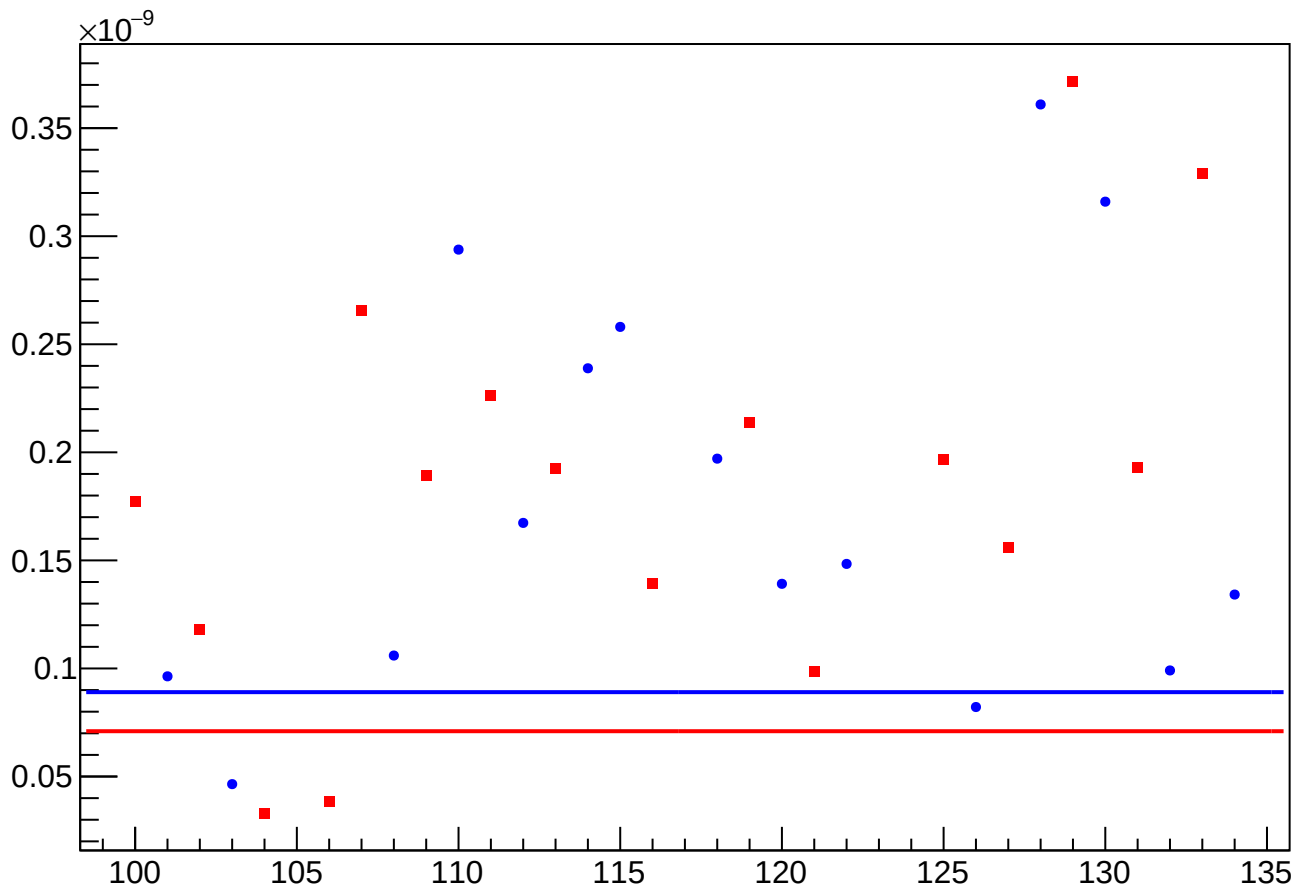
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 41.1/30

- sign 0.000+/-0.000 χ^2/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 : 3722310.2/15

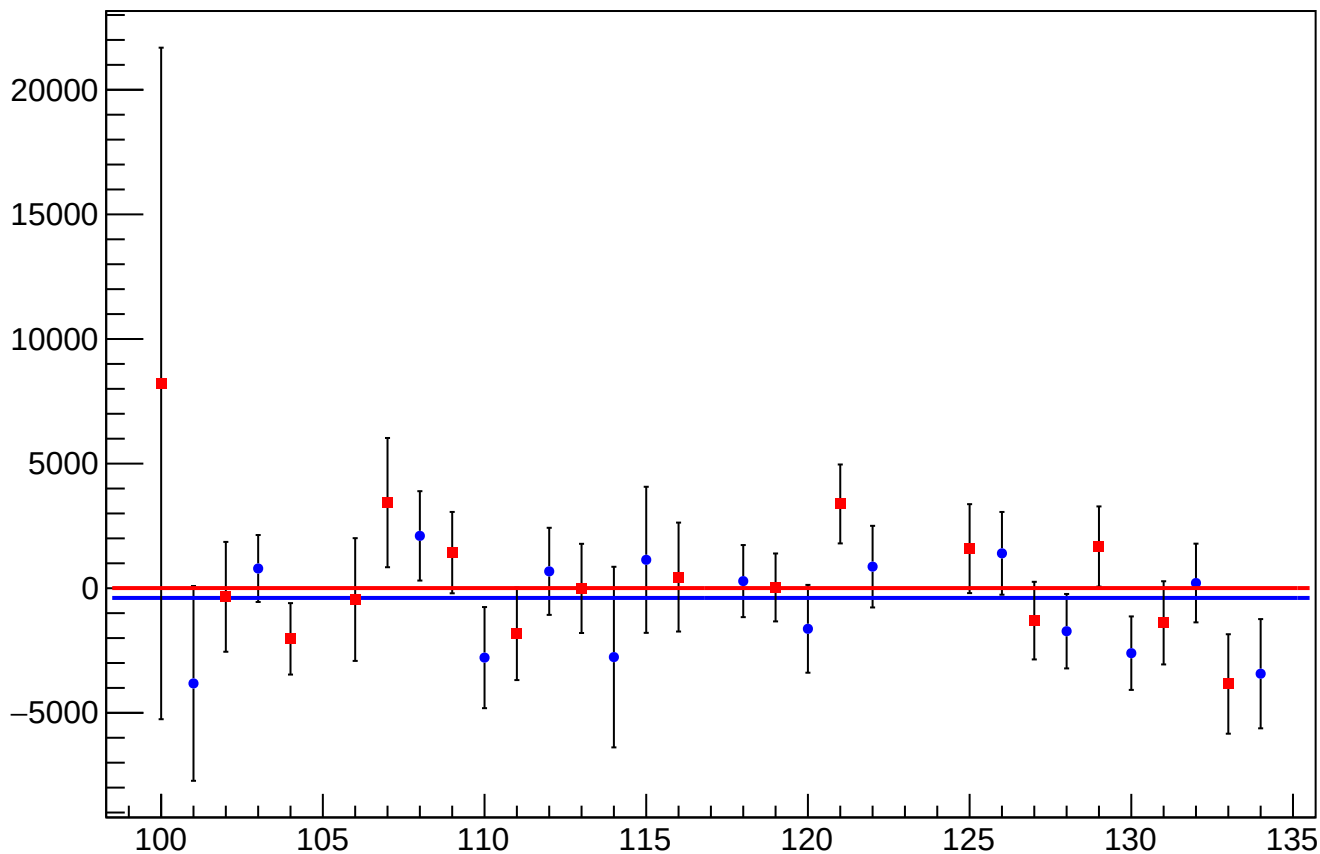
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6006847.9/30

- 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: 6.204 ± 453.628 χ^2/NDF : 17.5/15

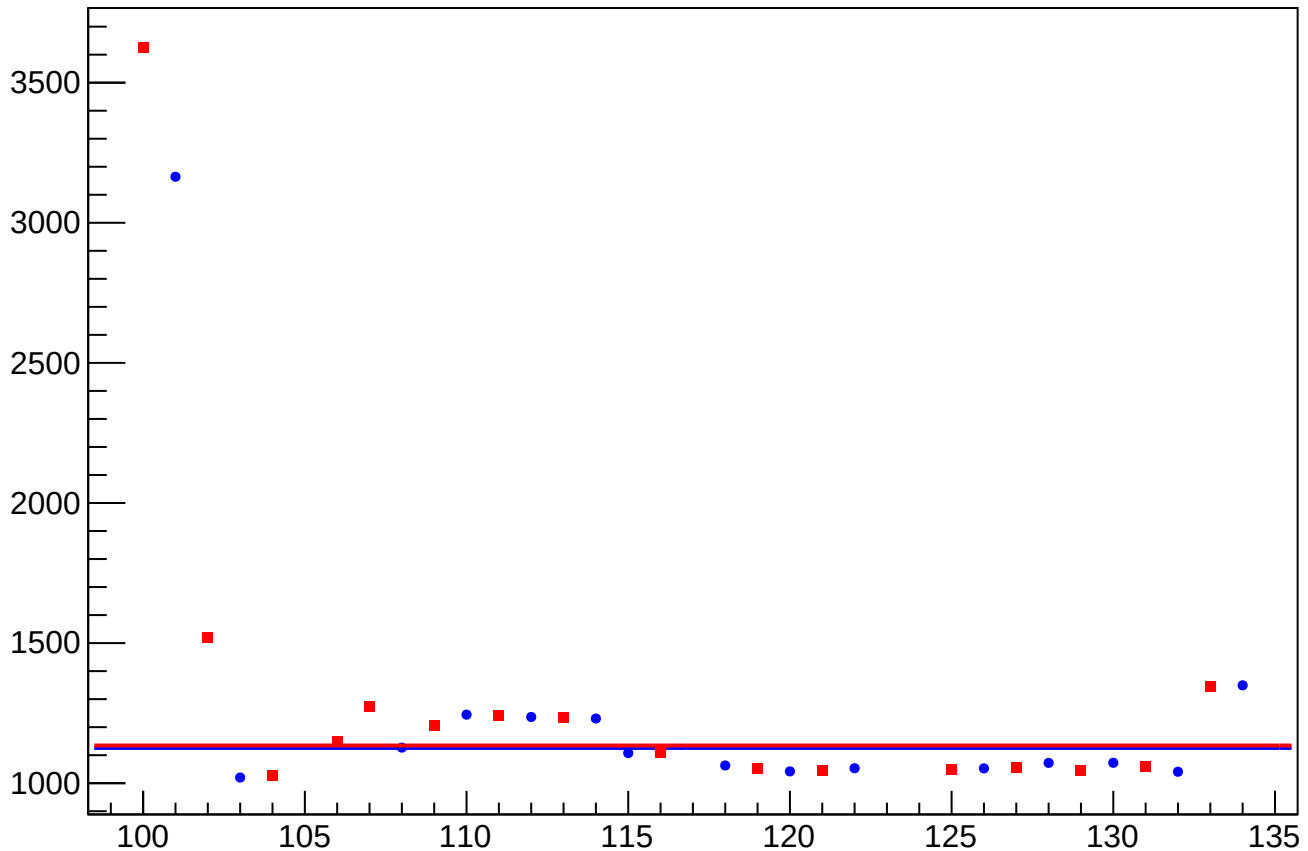
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -189.389 ± 322.632 χ^2/NDF : 31.4/30

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

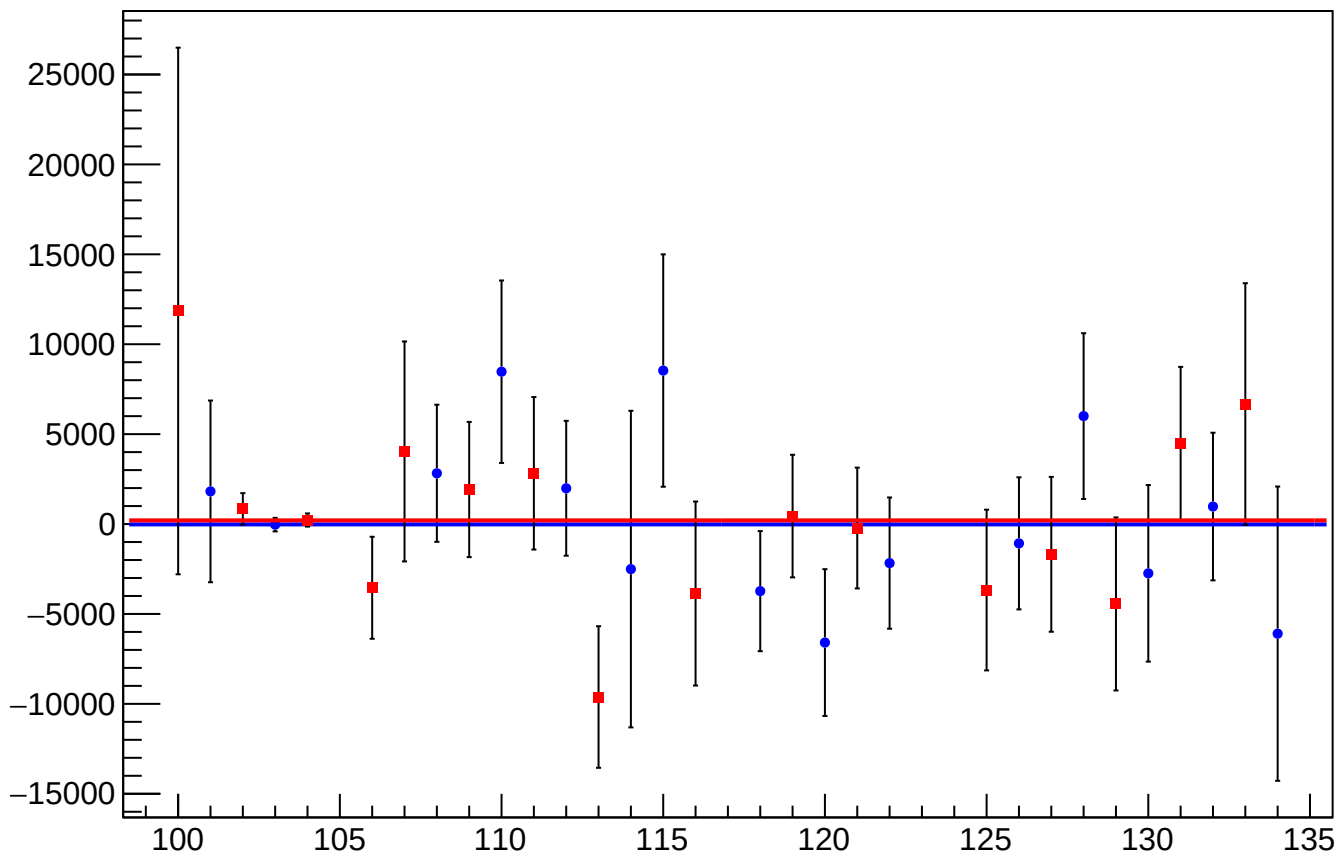
Right Out: 1134.468+/-0.320 χ^2/NDF : 219316.3/15

All: 1130.240+/-0.228 χ^2/NDF : 840727.2/30

- 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_reg_correction_mean vs Slug



Right In: -20.268 $\pm$ 359.683 χ^2 /NDF: 12.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 205.040 $\pm$ 323.731 χ^2 /NDF: 14.6/15

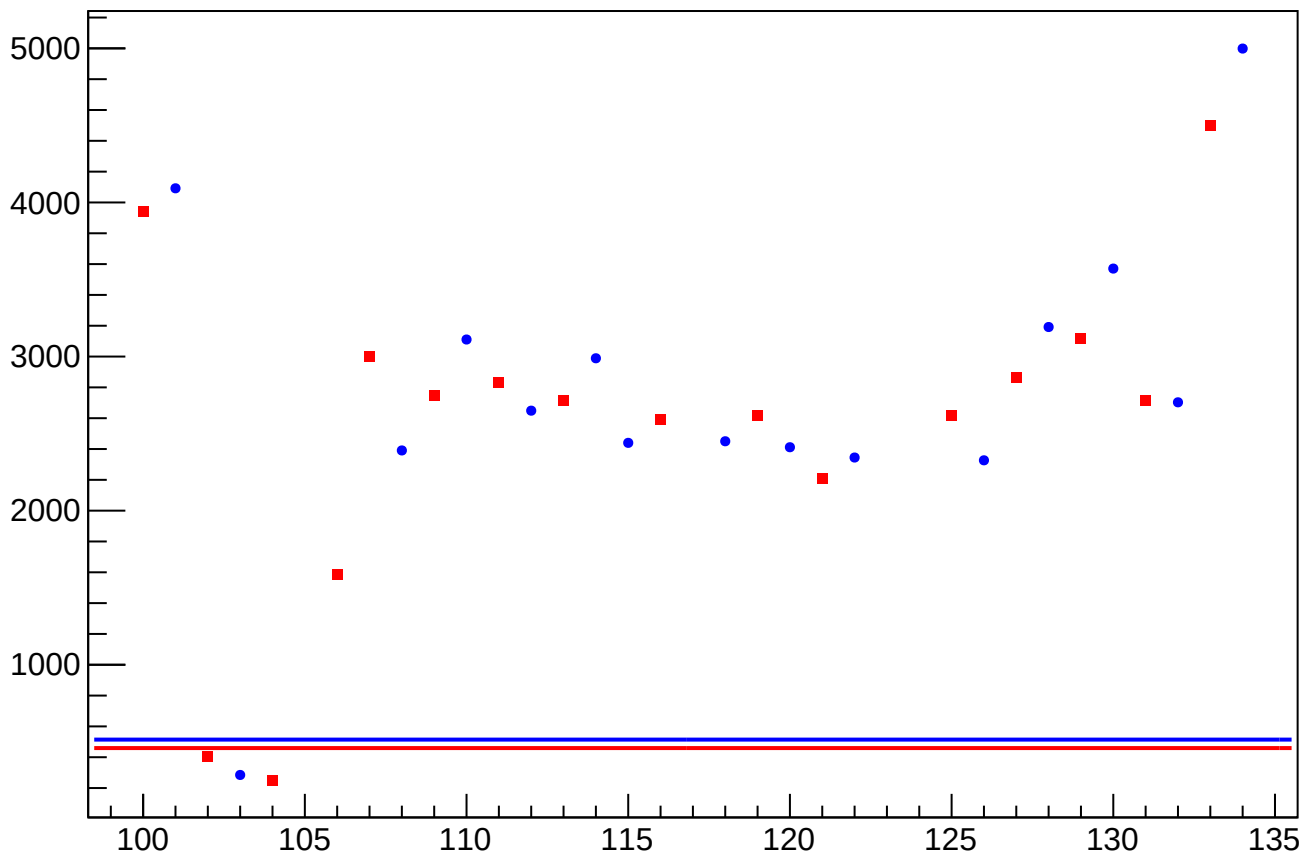
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 104.206 $\pm$ 240.622 χ^2 /NDF: 27.3/30

- sign 0.000 $\pm$ 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: 459.327+/-0.229 χ^2/NDF : 8152339.0/15

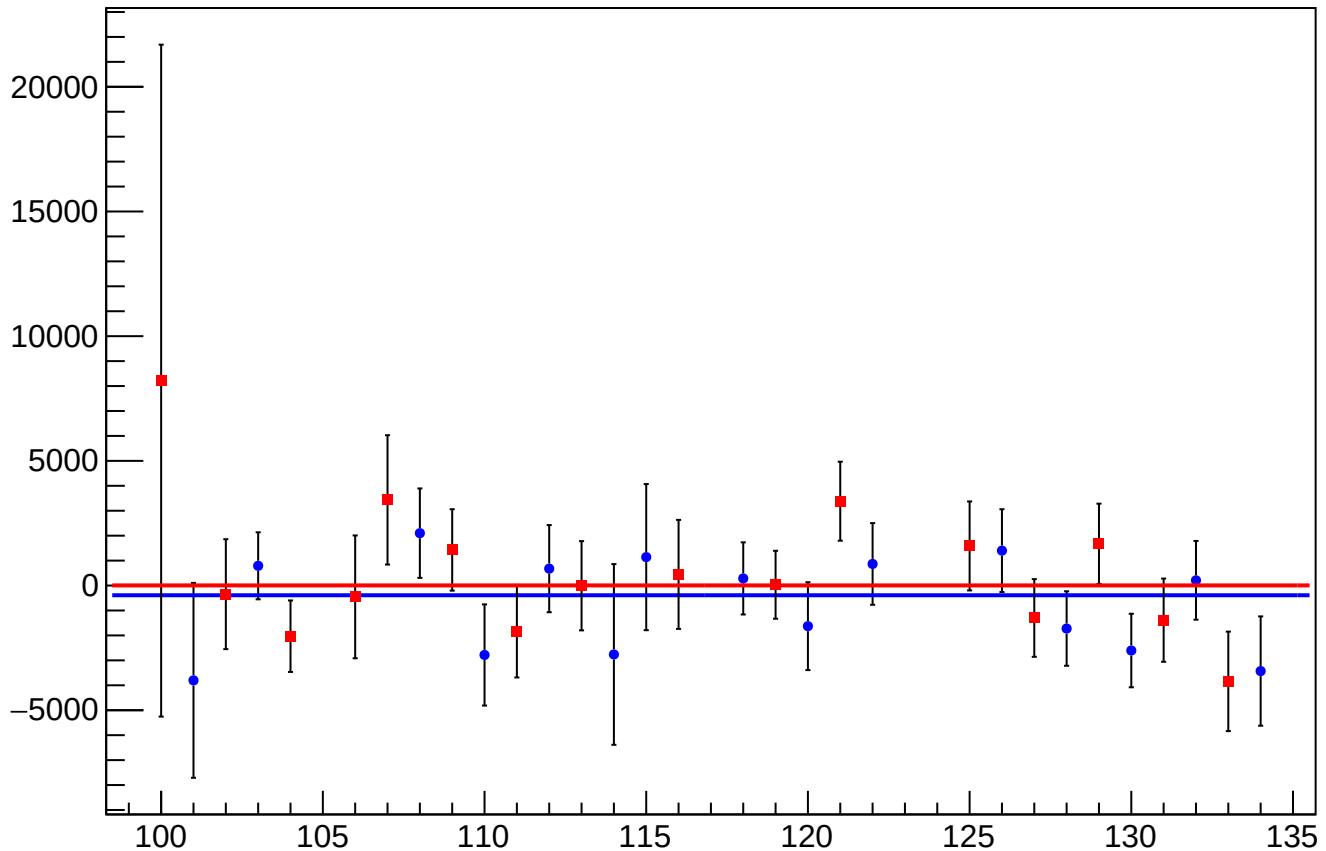
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 483.940+/-0.170 χ^2/NDF : 16625228.8/30

- 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: 6.020+/-453.628 χ^2/NDF : 17.5/15

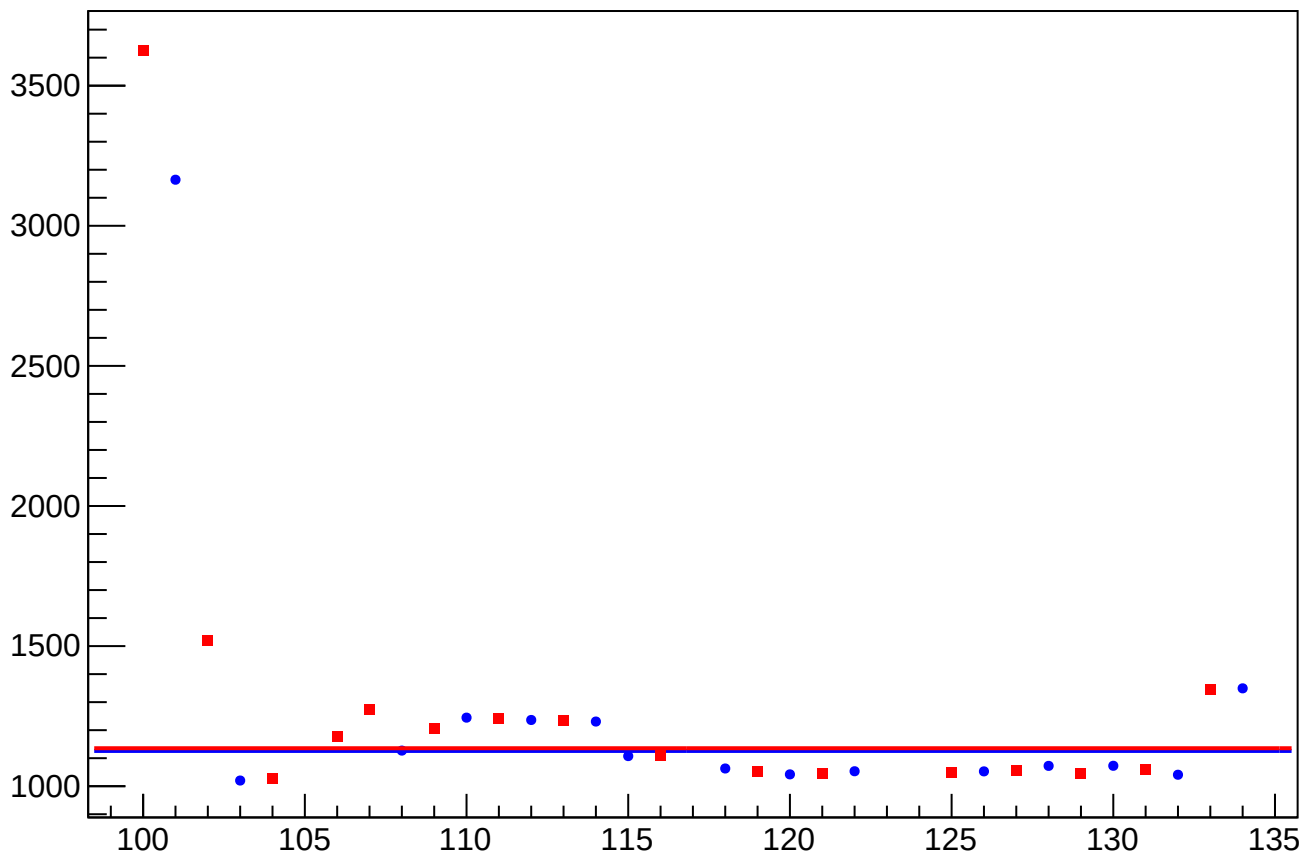
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -189.349+/-322.632 χ^2/NDF : 31.4/30

- 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: 1135.524+/-0.321 χ^2/NDF : 219906.8/15

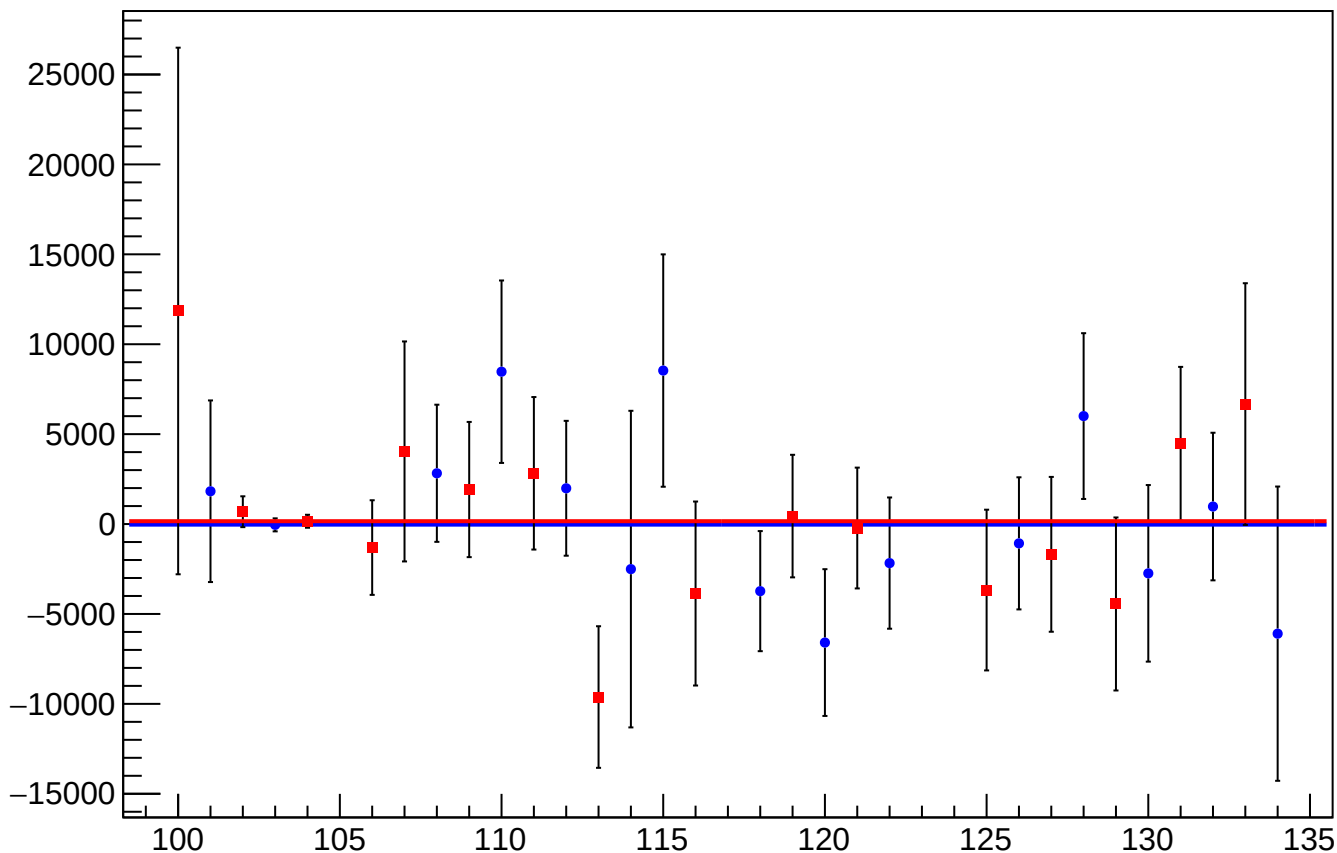
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1130.768+/-0.228 χ^2/NDF : 841410.6/30

- 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: 159.193+/-318.497 χ^2/NDF : 12.9/15

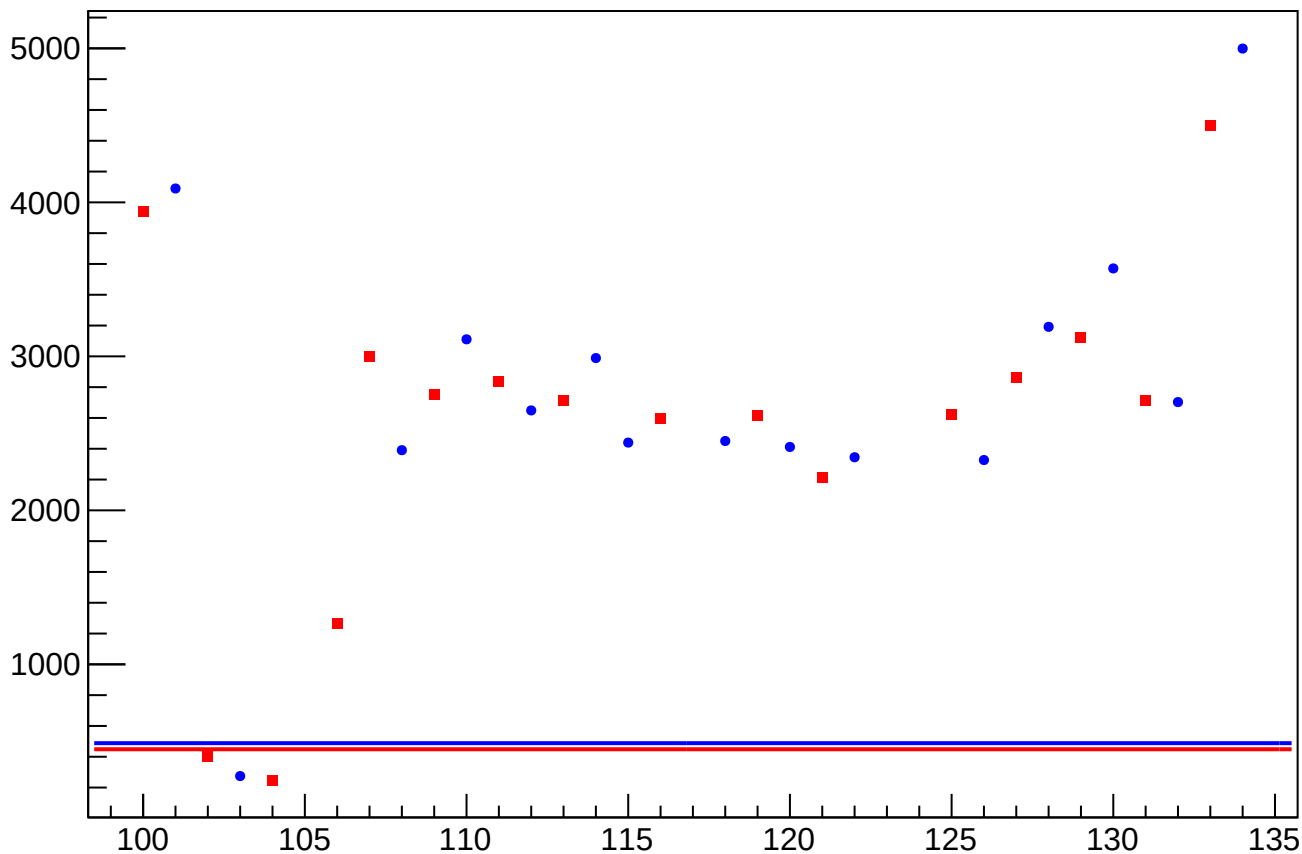
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.207+/-234.438 χ^2/NDF : 25.6/30

- 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: 448.693+/-0.225 χ^2/NDF : 8067228.9/15

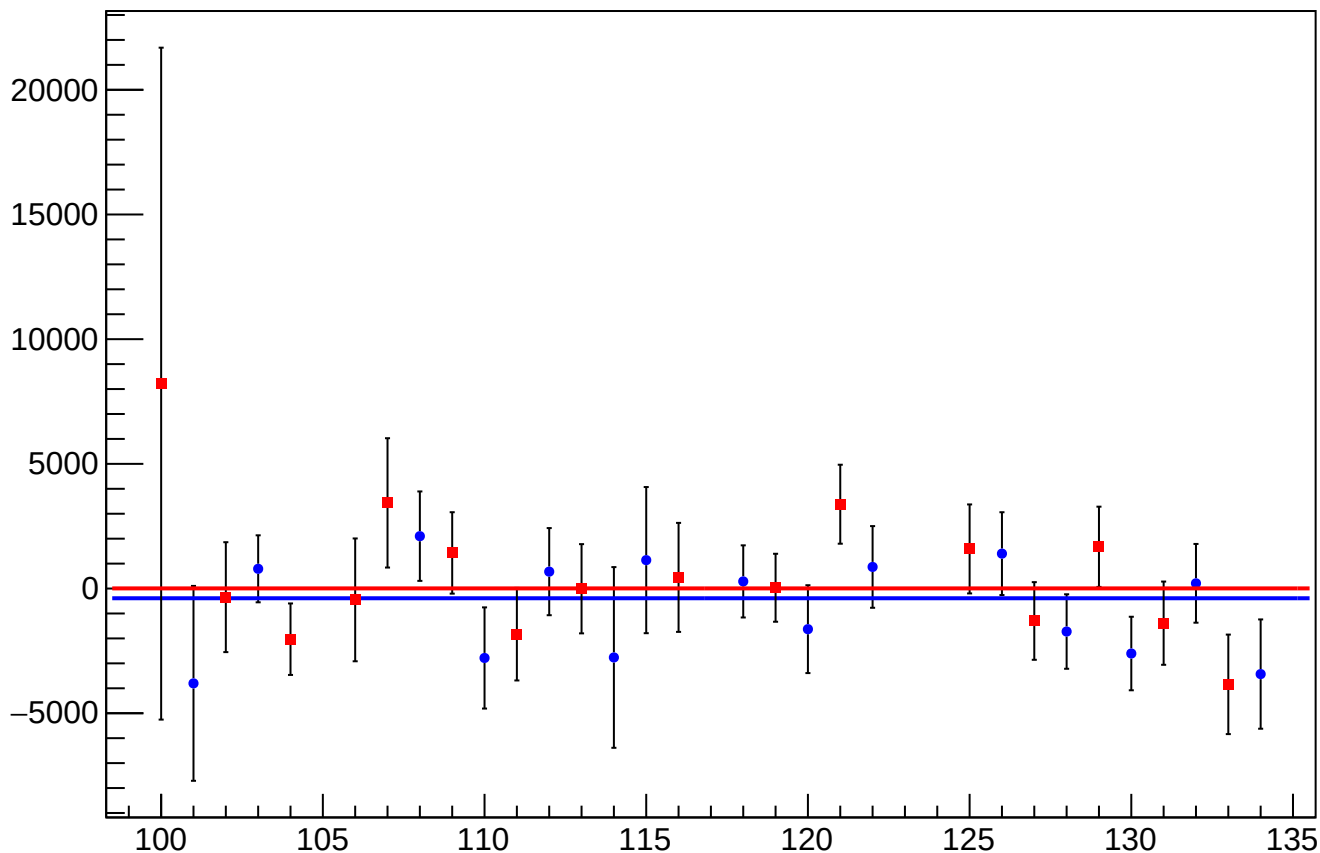
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 466.783+/-0.166 χ^2/NDF : 16654651.5/30

- 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+/-458.959 χ^2/NDF : 13.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.020+/-453.628 χ^2/NDF : 17.5/15

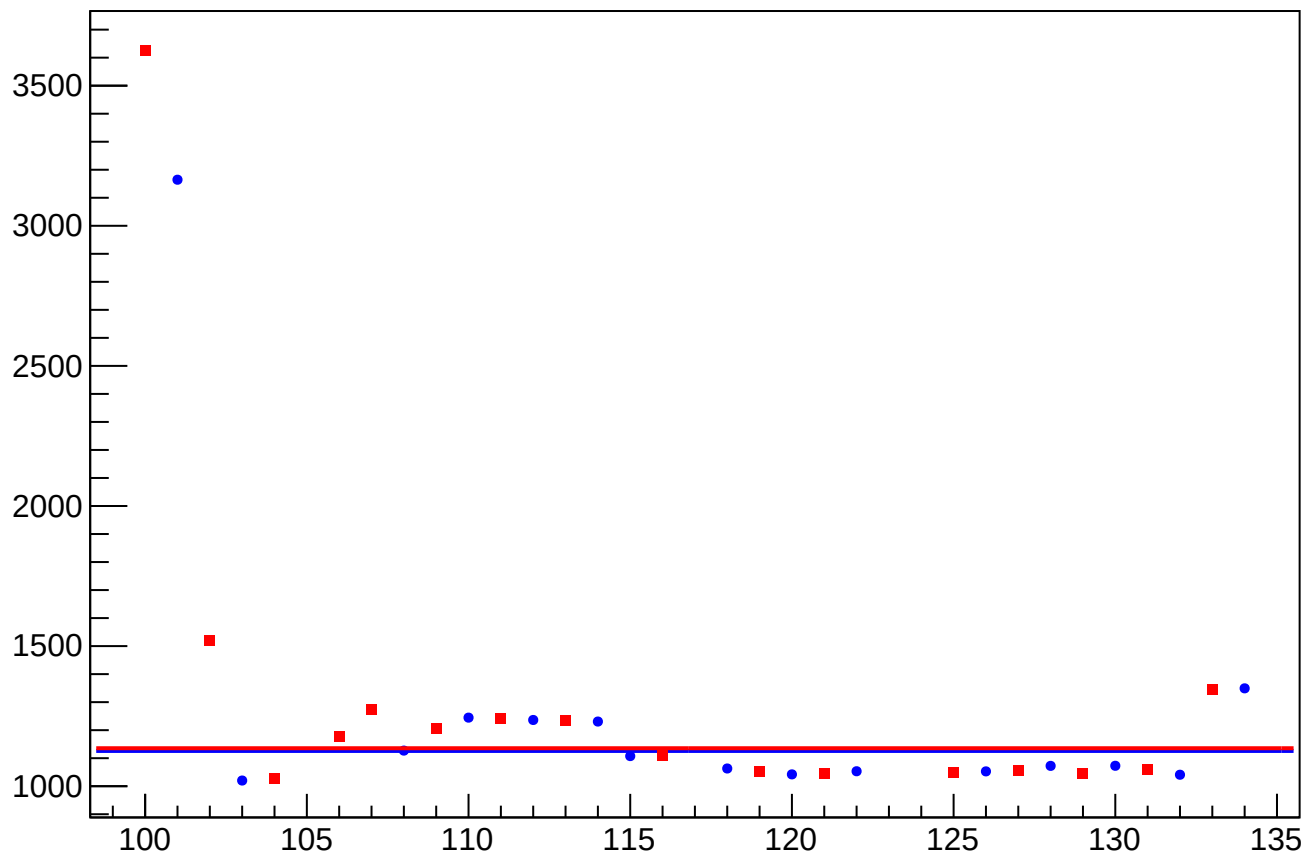
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -189.349+/-322.632 χ^2/NDF : 31.4/30

- sign 0.000+/-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: 1135.524+/-0.321 χ^2/NDF : 219906.8/15

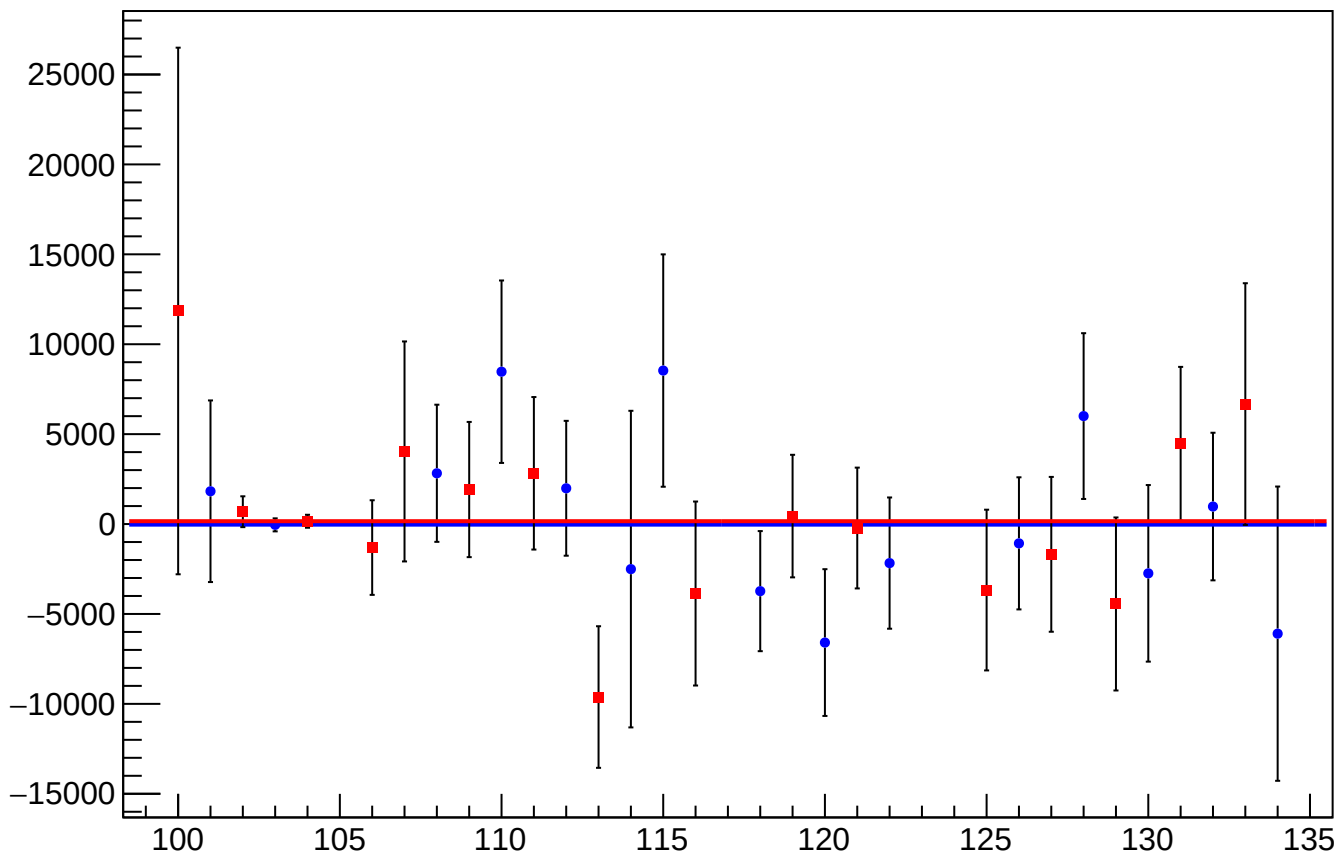
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1130.768+/-0.228 χ^2/NDF : 841410.6/30

- 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: 159.193+/-318.497 χ^2/NDF : 12.9/15

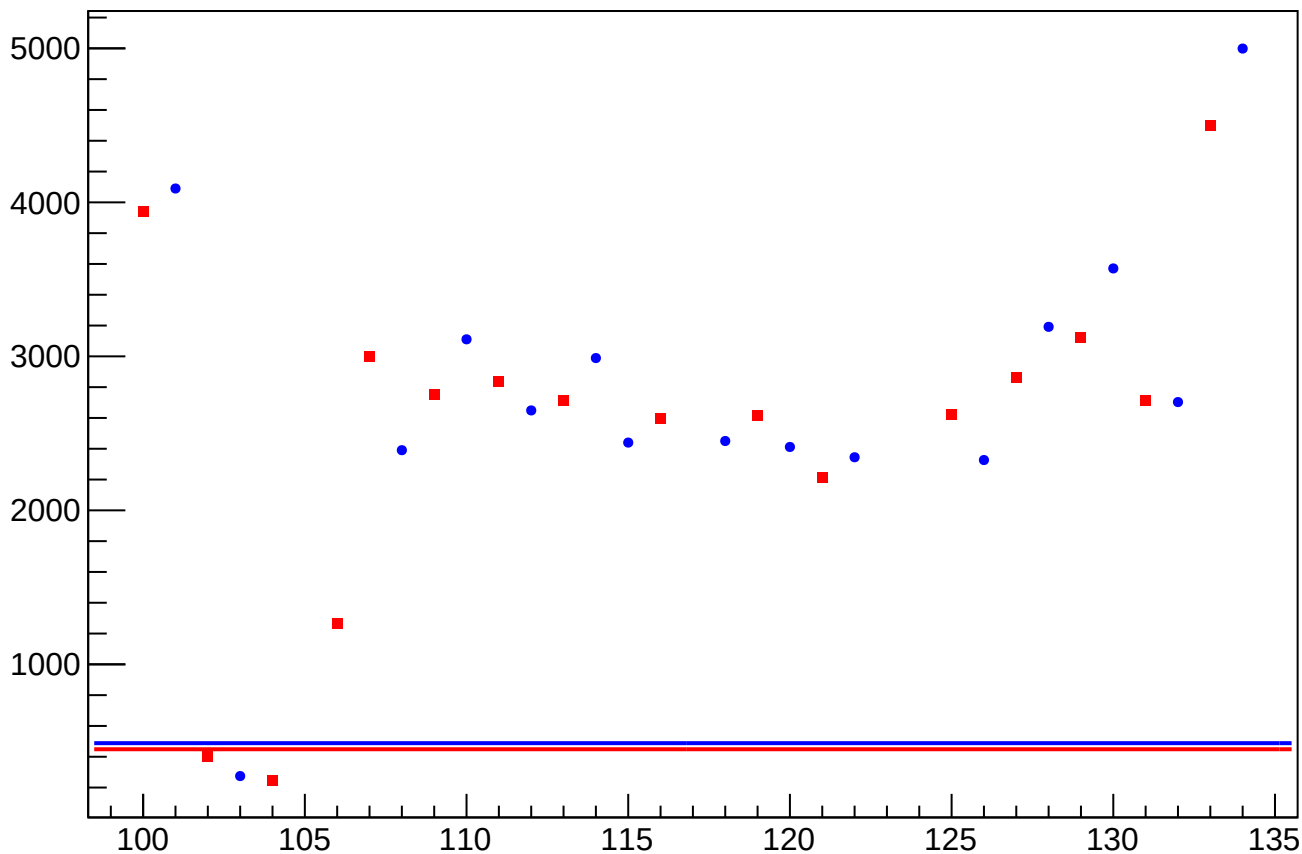
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.207+/-234.438 χ^2/NDF : 25.6/30

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

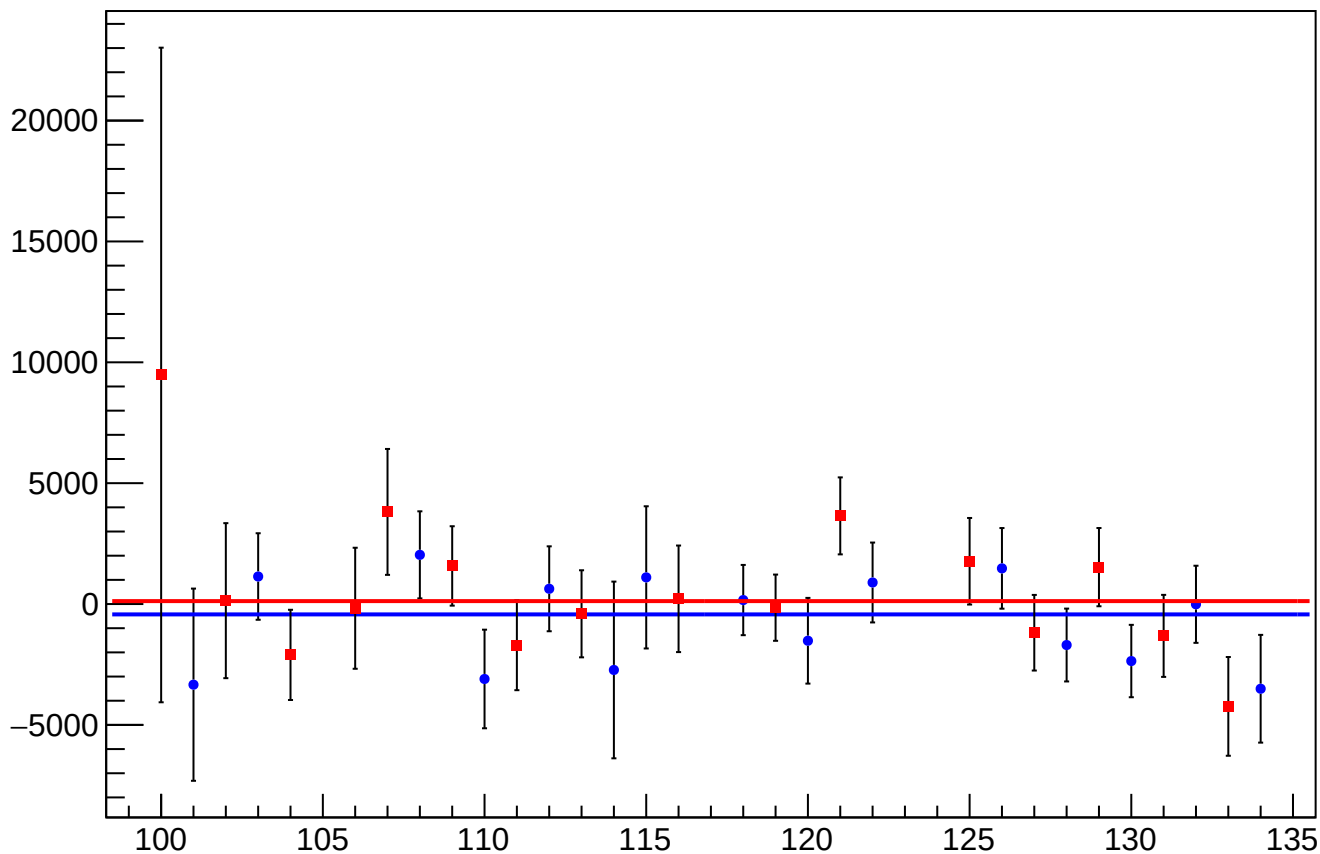
Right Out: 448.693+/-0.225 χ^2/NDF : 8067228.9/15

All: 466.783+/-0.166 χ^2/NDF : 16654651.5/30

- 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_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: 121.369 ± 472.132 χ^2/NDF : 18.3/15

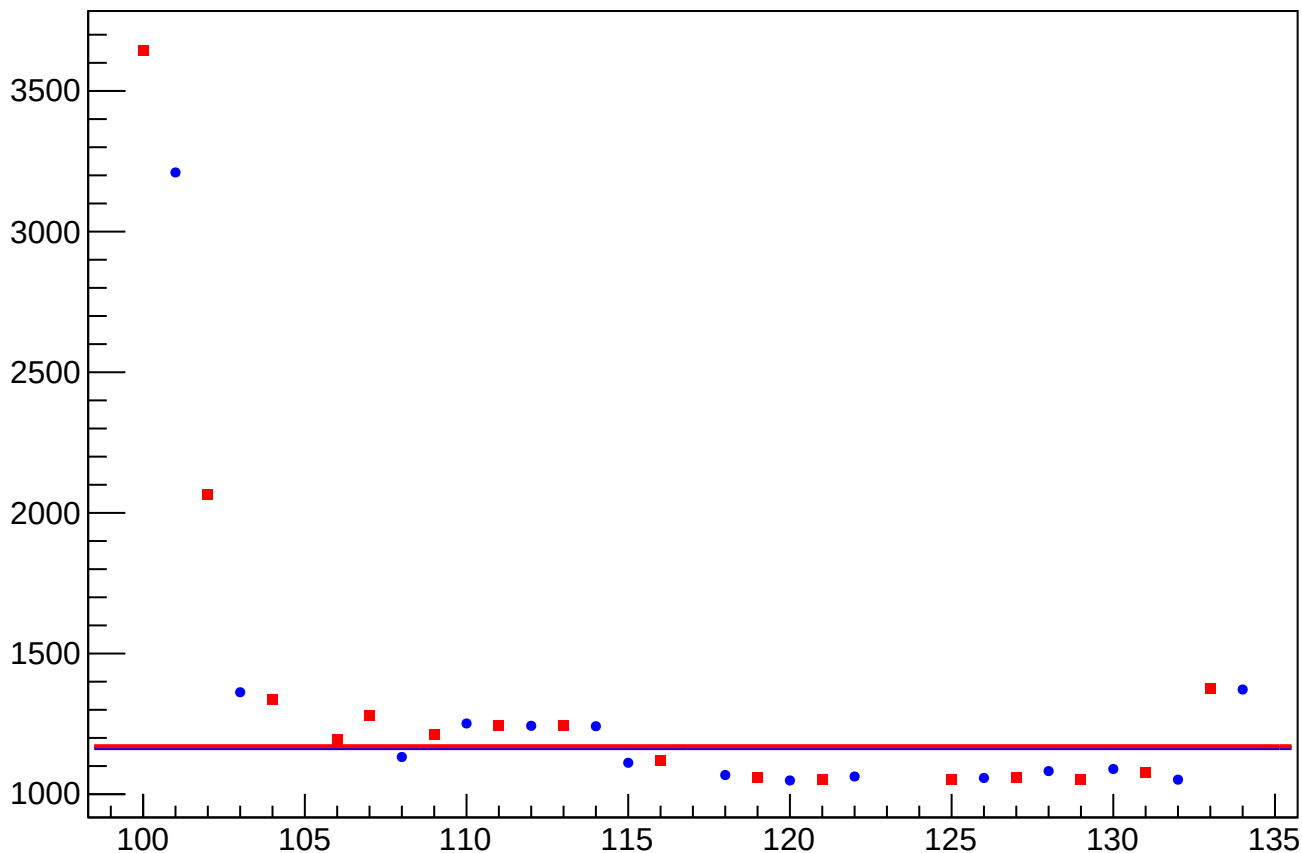
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -152.159 ± 334.767 χ^2/NDF : 31.7/30

- 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: 1170.597+/-0.334 χ^2/NDF : 331492.3/15

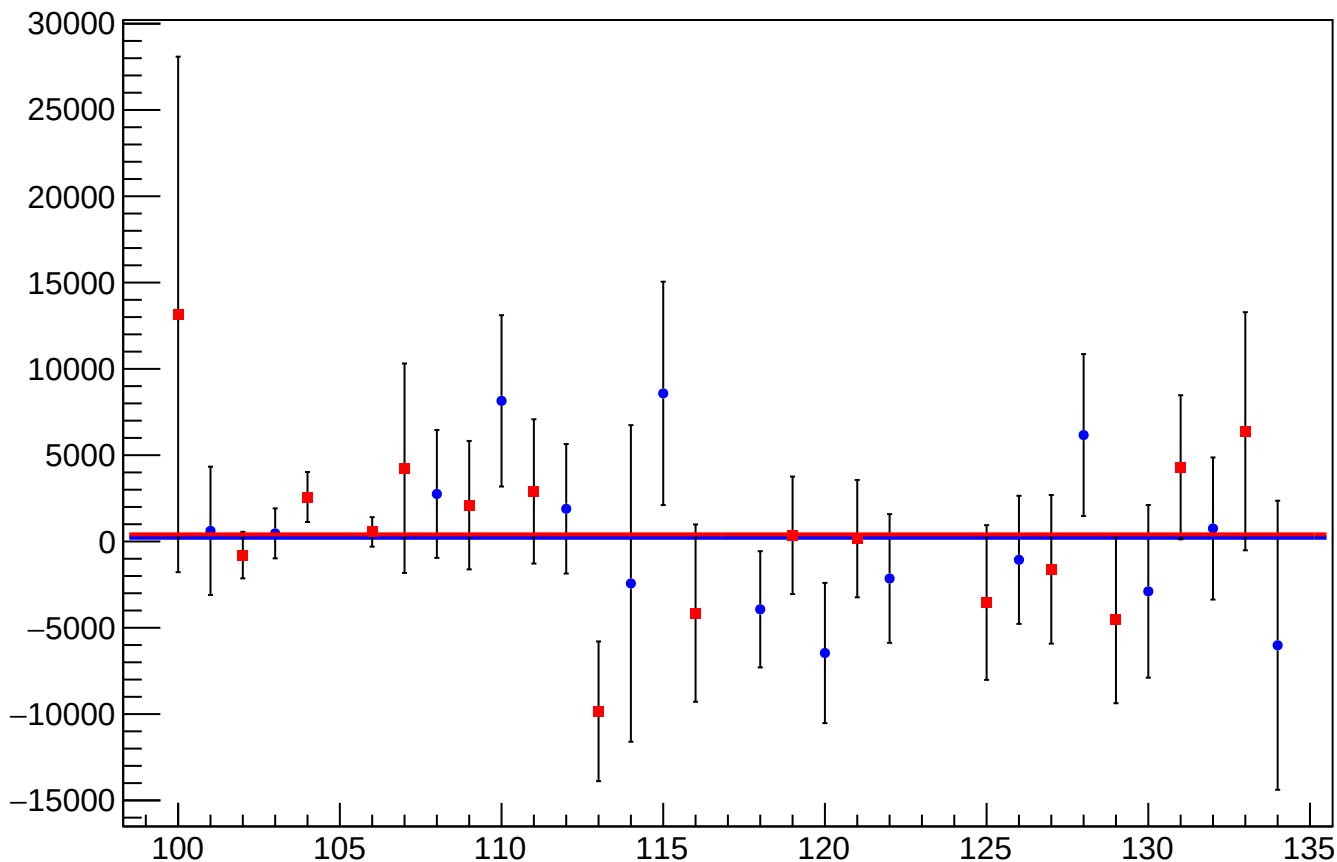
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1167.211+/-0.237 χ^2/NDF : 966993.8/30

- 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: 411.944+/-572.022 χ^2/NDF : 15.6/15

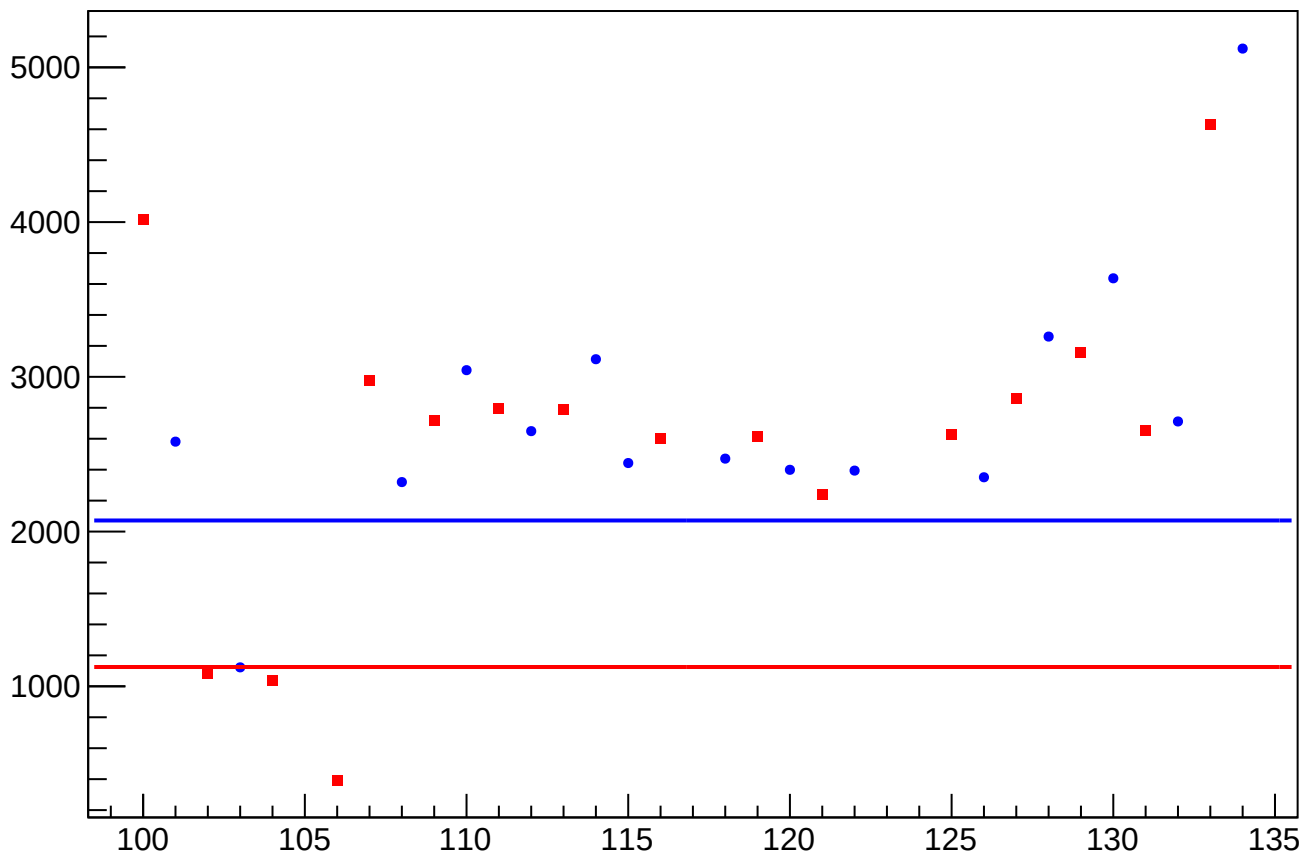
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 356.231+/-483.479 χ^2/NDF : 27.9/30

- 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

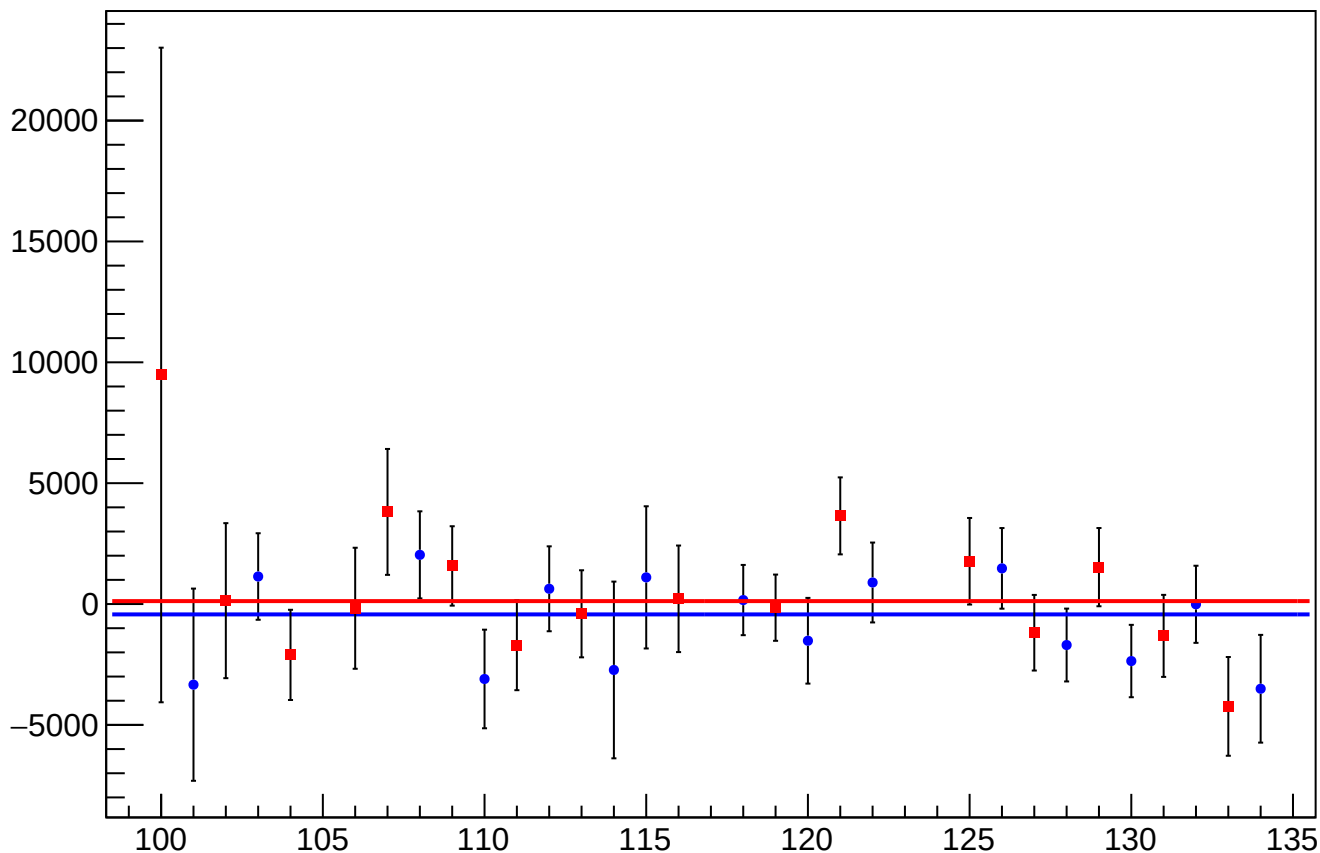
Right Out: 1124.784+/-0.404 χ^2/NDF : 5218324.7/15

All: 1395.241+/-0.342 χ^2/NDF : 8551762.3/30

- 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: 121.372+/-472.132 χ^2/NDF : 18.3/15

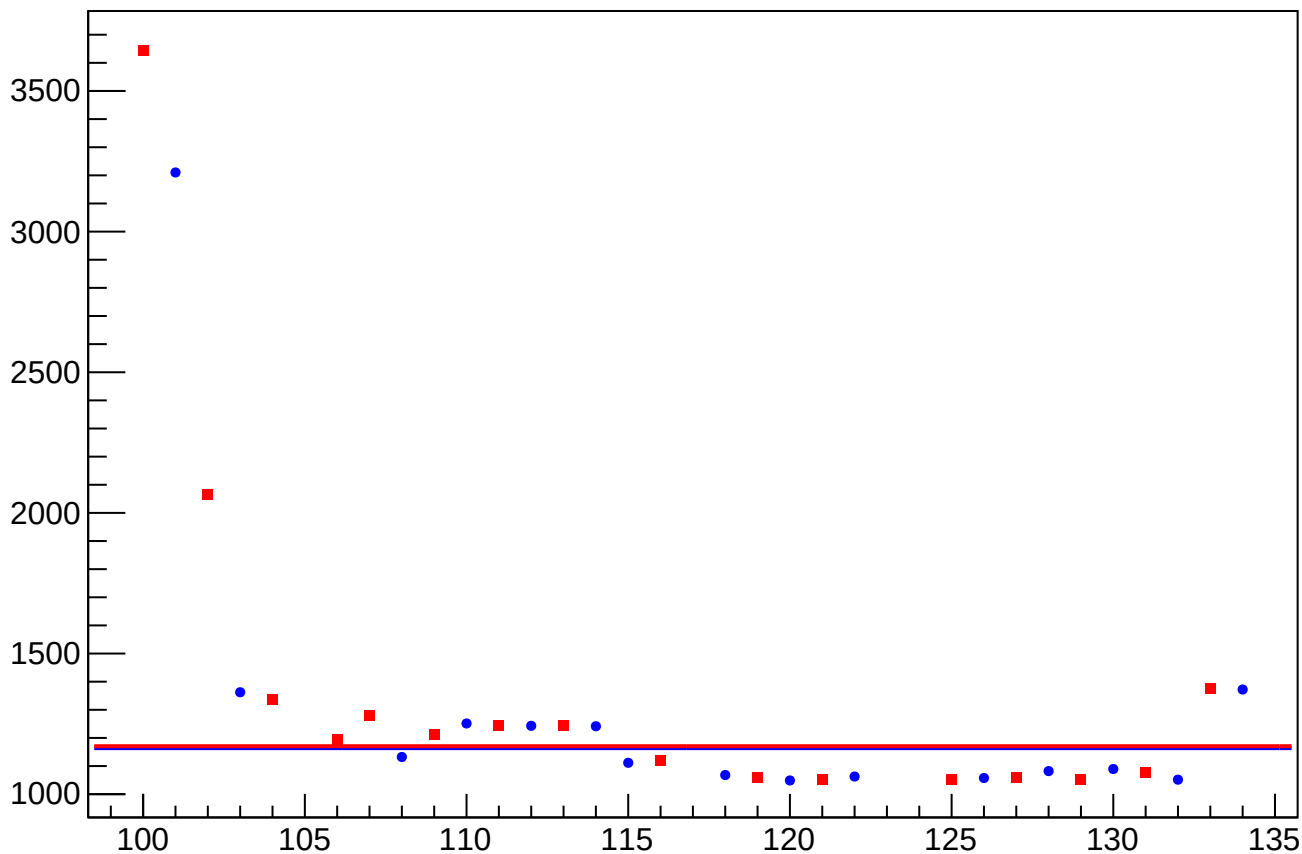
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -152.158+/-334.767 χ^2/NDF : 31.7/30

- 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: 1170.597+/-0.334 χ^2/NDF : 331492.0/15

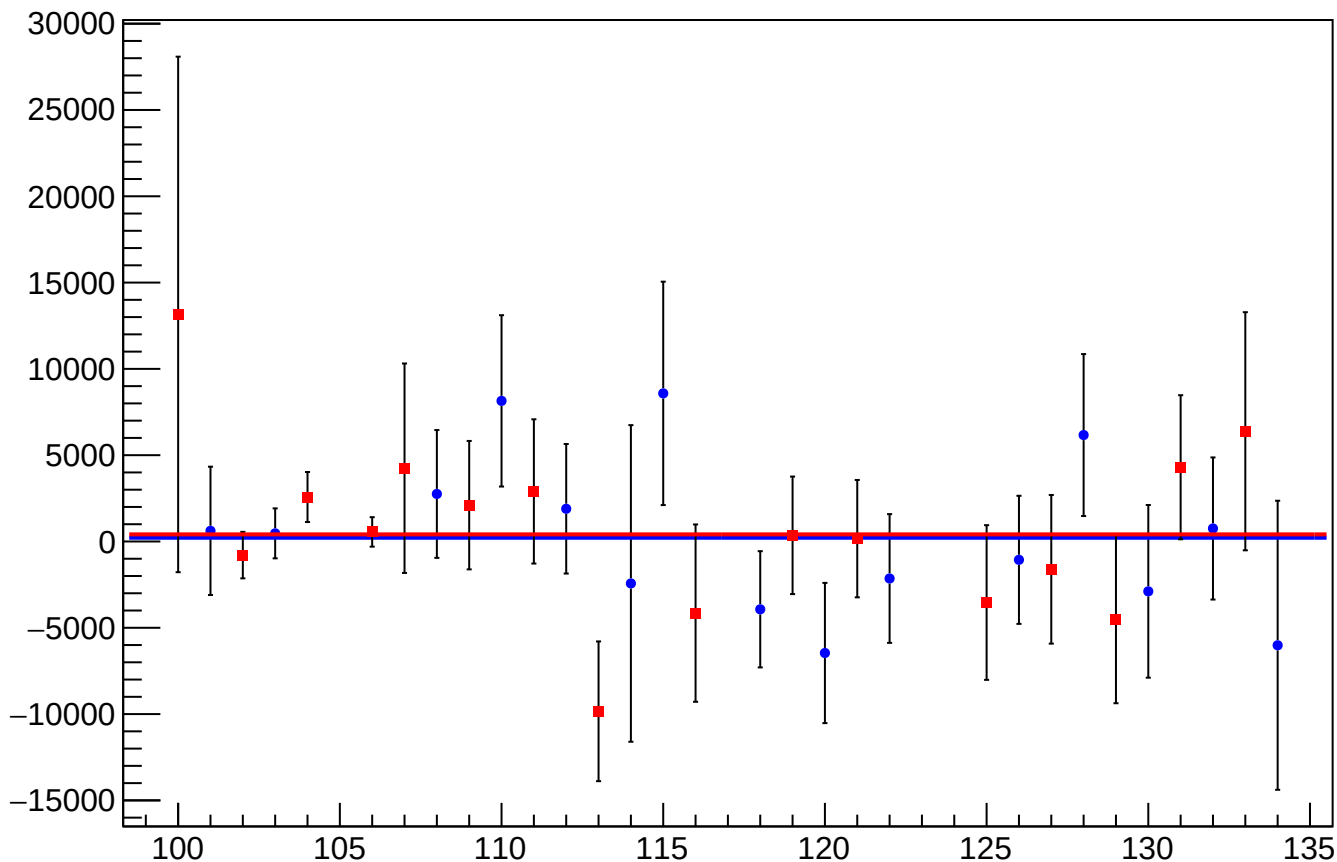
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1167.211+/-0.237 χ^2/NDF : 966993.6/30

- 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: 411.945+/-572.015 χ^2/NDF : 15.6/15

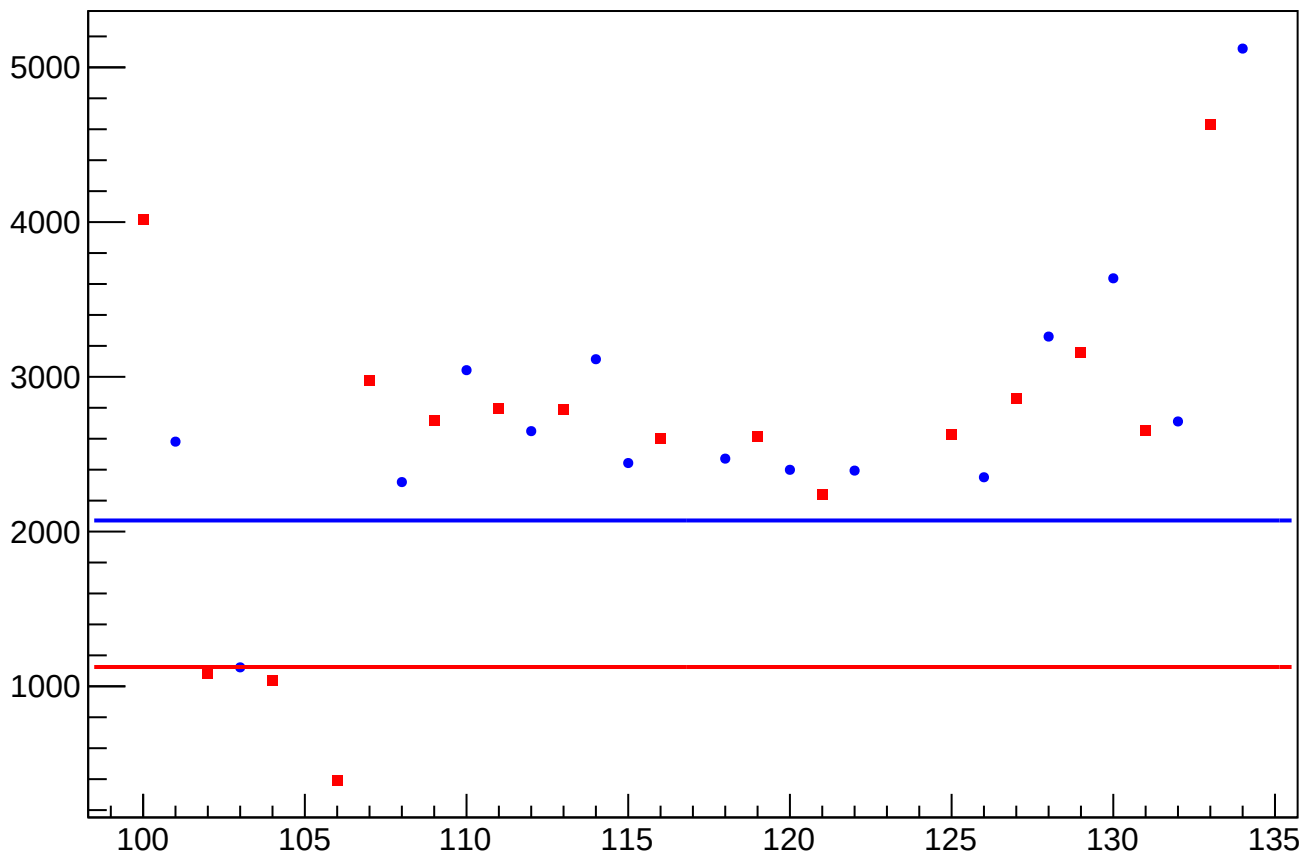
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 356.231+/-483.475 χ^2/NDF : 27.9/30

- 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

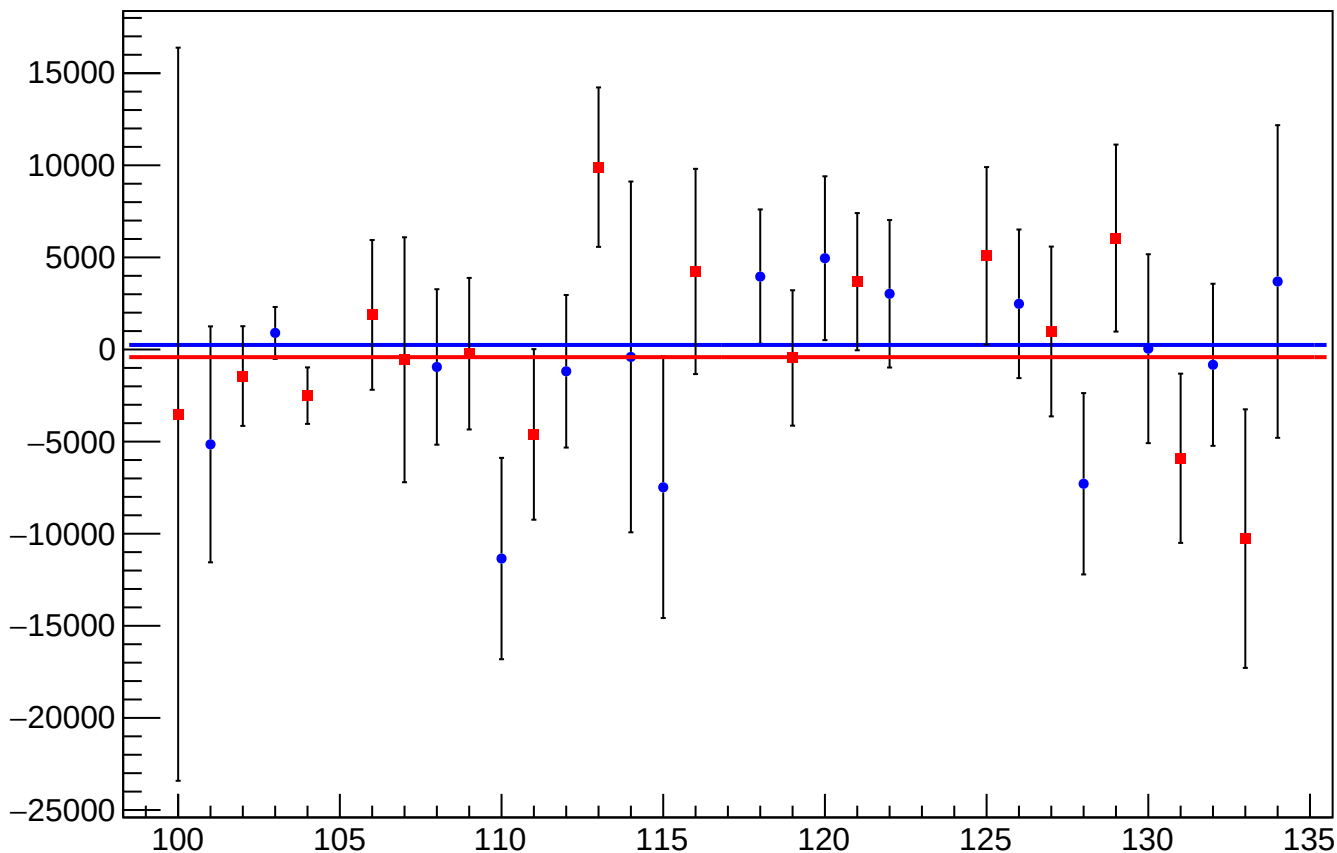
Right Out: 1124.762+/-0.404 χ^2/NDF : 5218436.9/15

All: 1395.220+/-0.342 χ^2/NDF : 8551945.9/30

- 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: -414.612 $\pm$ 919.982 χ^2 /NDF: 17.2/15

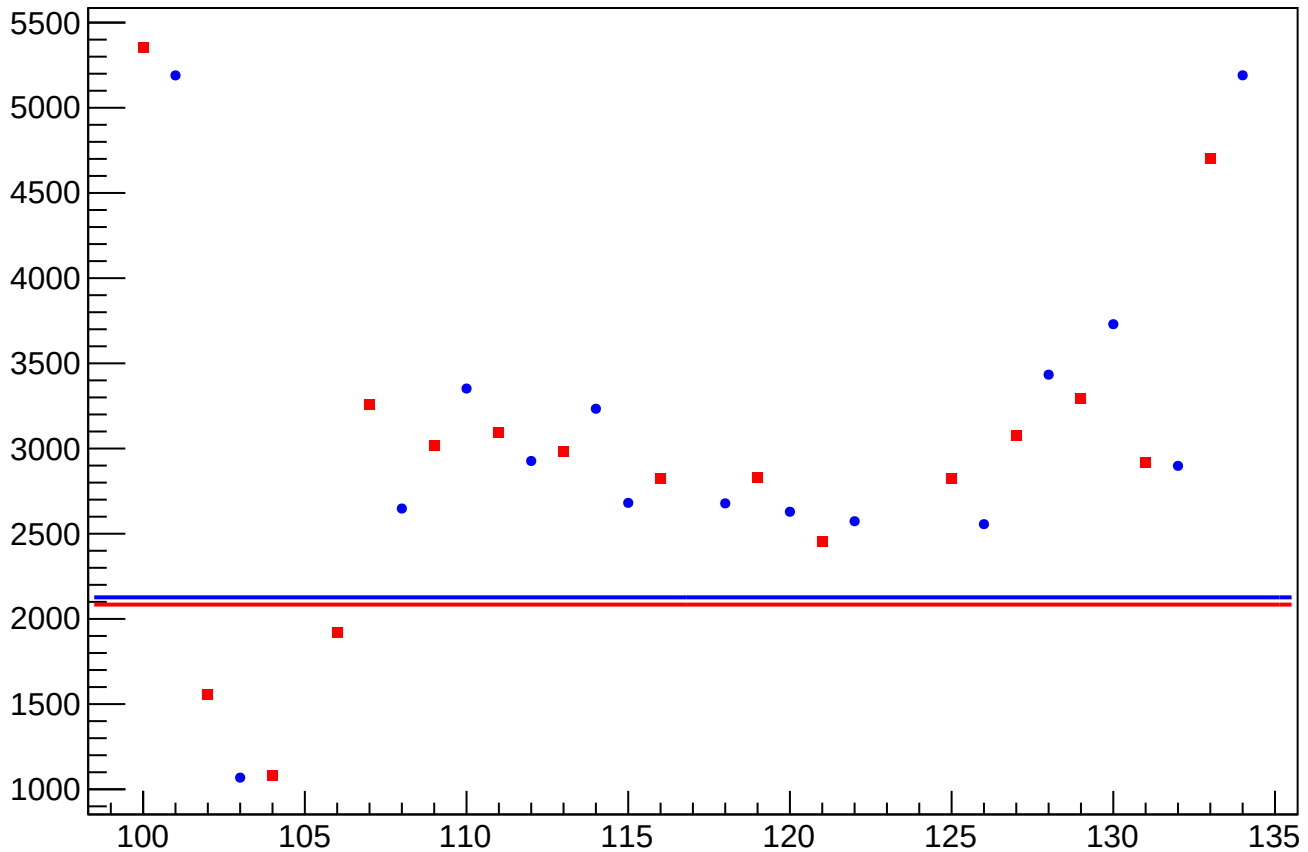
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -95.404 $\pm$ 661.810 χ^2 /NDF: 29.7/30

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

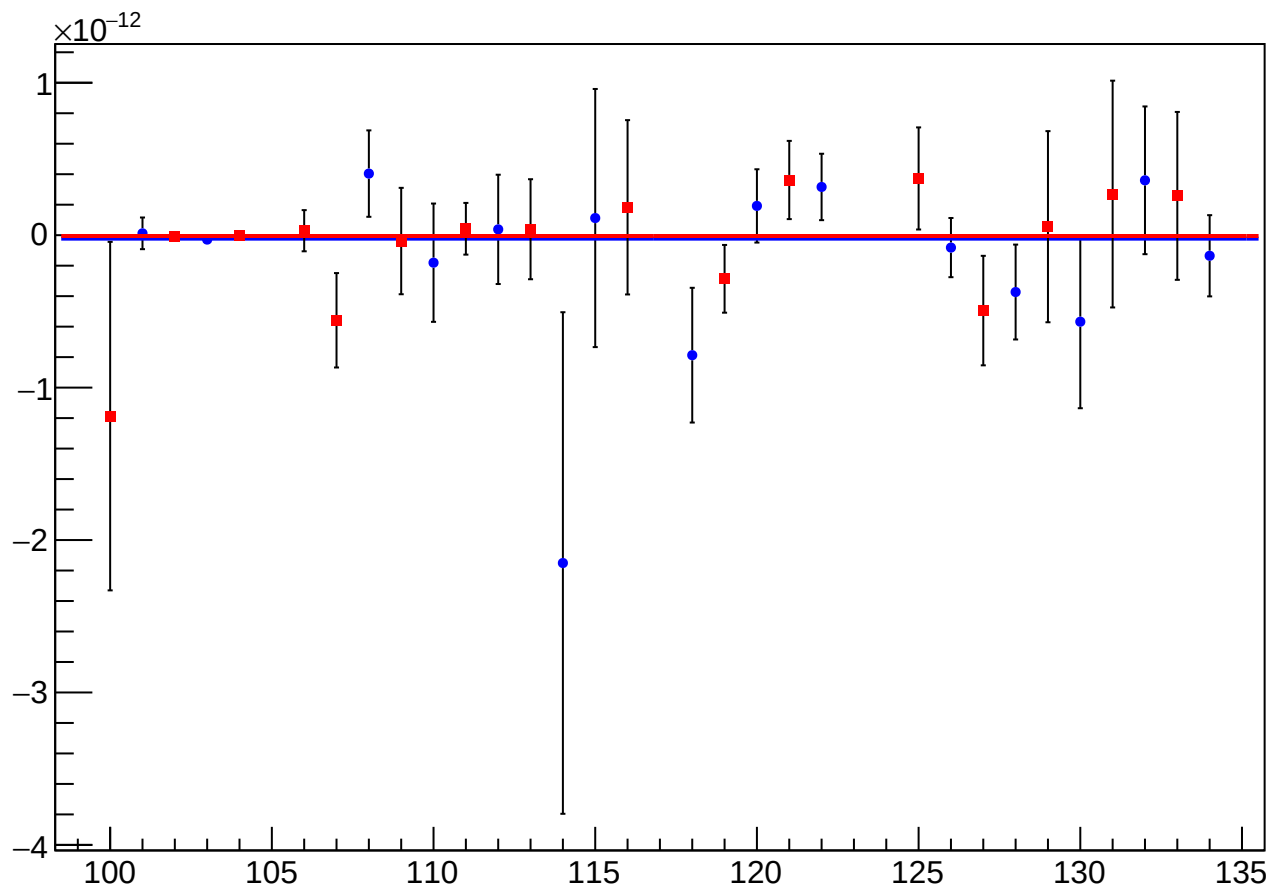
Right Out: 2084.157+/-0.649 χ^2/NDF : 2068804.6/15

All: 2104.584+/-0.467 χ^2/NDF : 4679498.8/30

- 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_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: 11.7/15

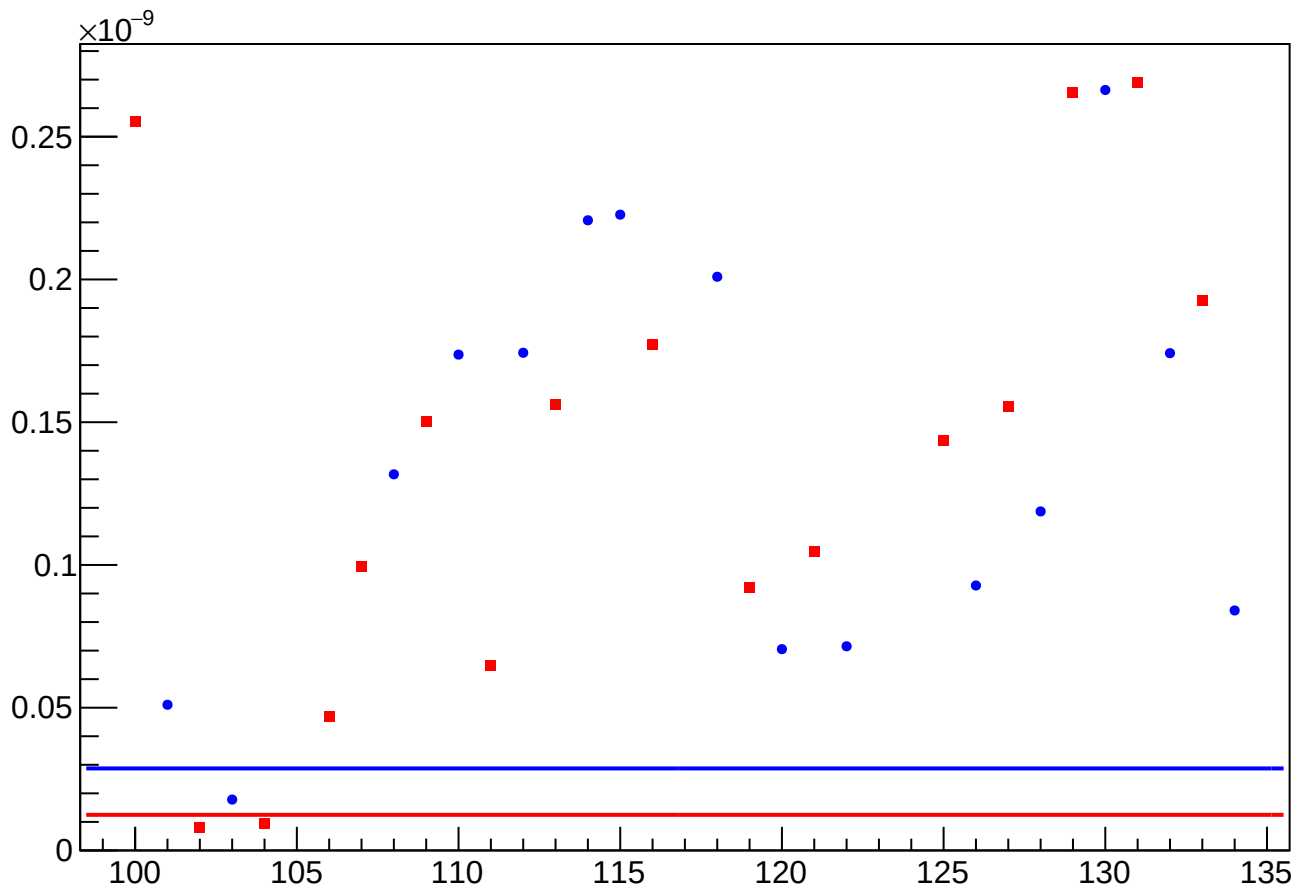
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 25.6/30

- 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 : 3453788.5/15

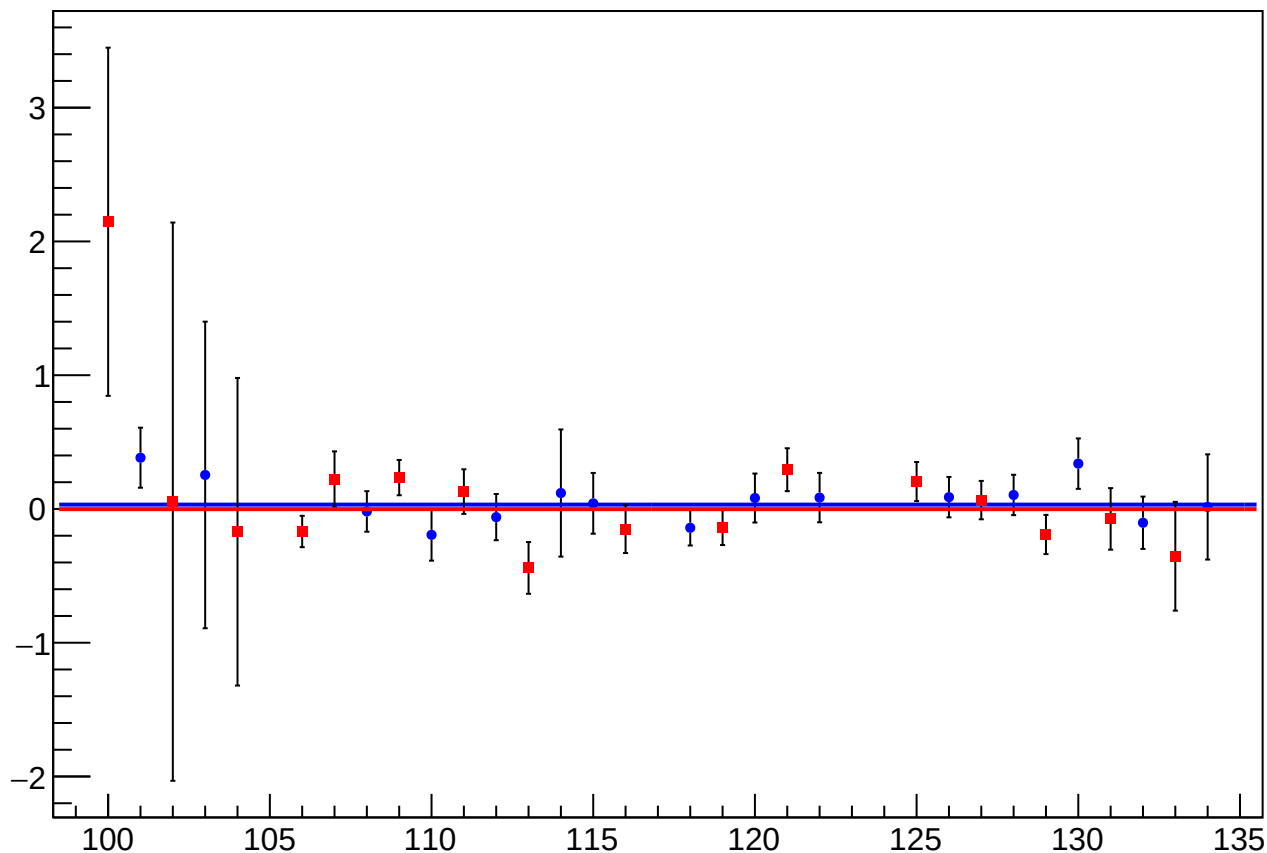
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6847349.7/30

- 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: -0.001 $\pm$ 0.044 χ^2 /NDF: 24.8/15

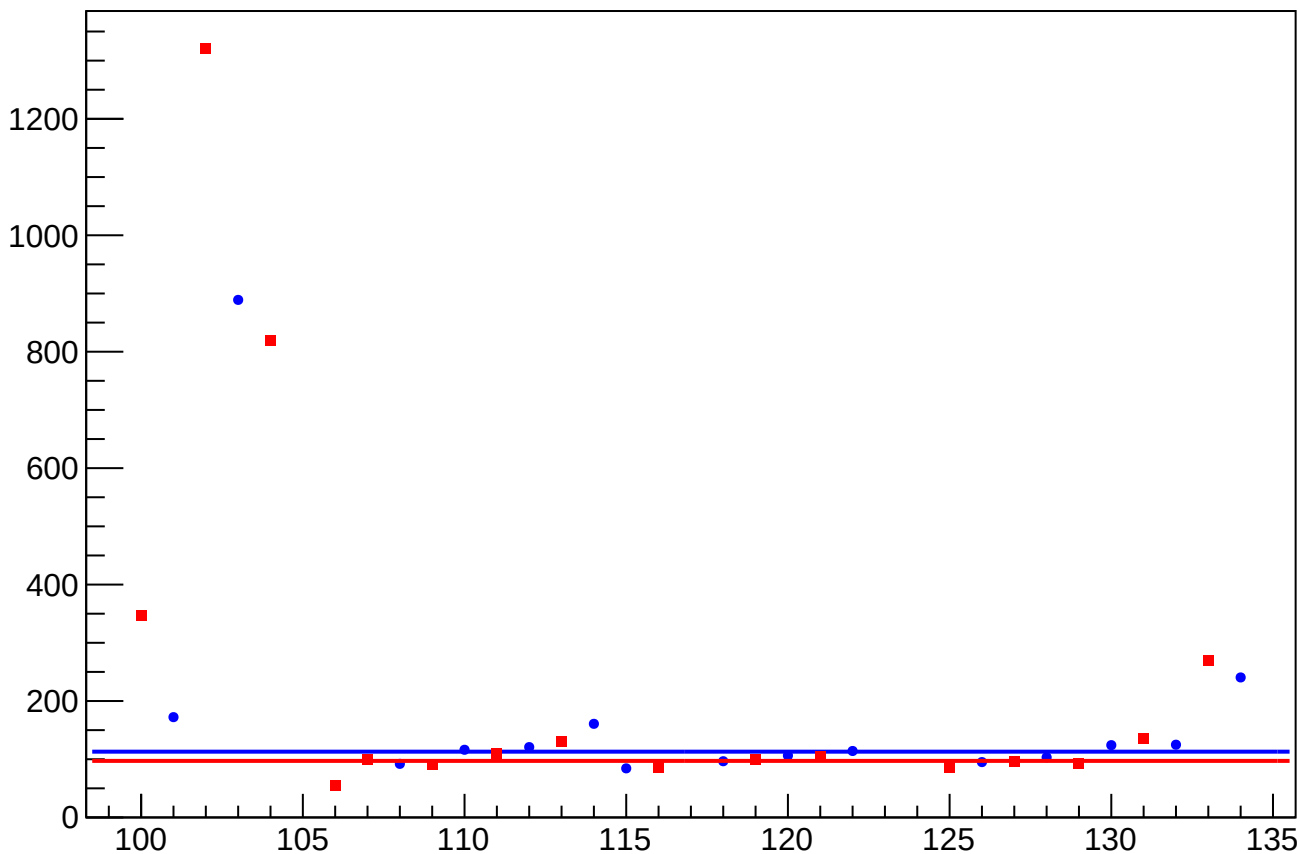
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.033 χ^2 /NDF: 34.7/30

- 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: 97.151 $\pm$ 0.031 χ^2 /NDF: 2325893.3/15

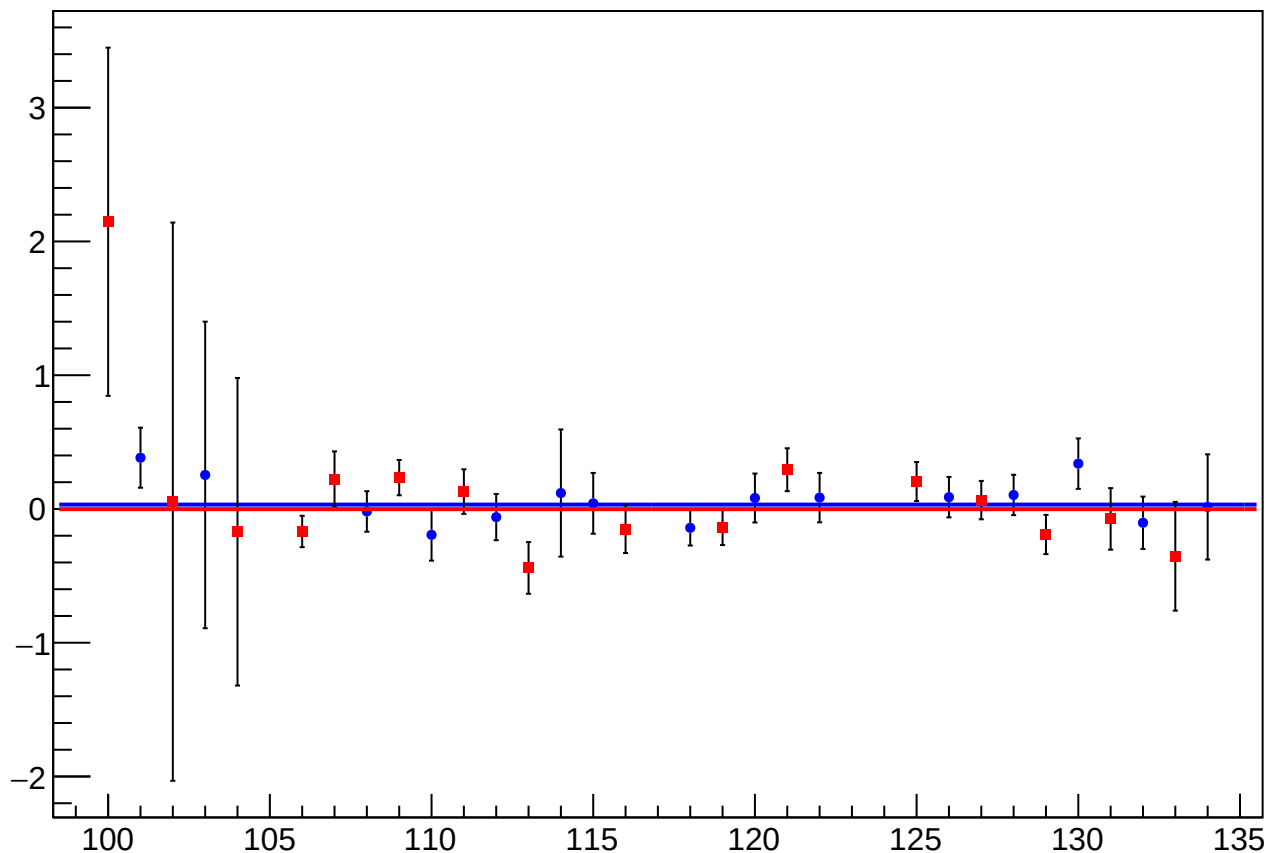
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 104.224 $\pm$ 0.023 χ^2 /NDF: 3887305.9/30

- 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 $\pm$ 0.049 χ^2 /NDF: 9.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.044 χ^2 /NDF: 24.8/15

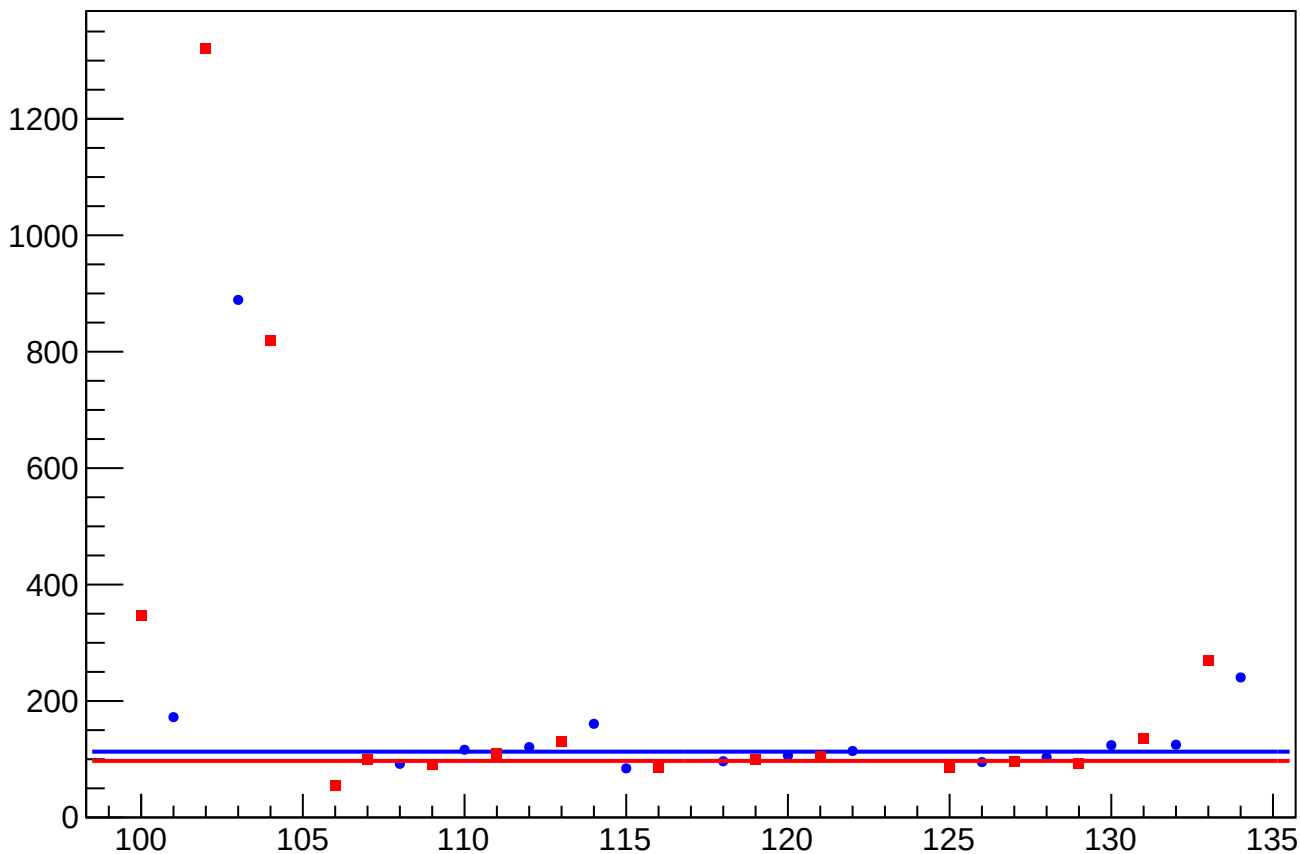
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.033 χ^2 /NDF: 34.7/30

- sign 0.000 $\pm$ 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: 97.151 $\pm$ 0.031 χ^2 /NDF: 2325893.3/15

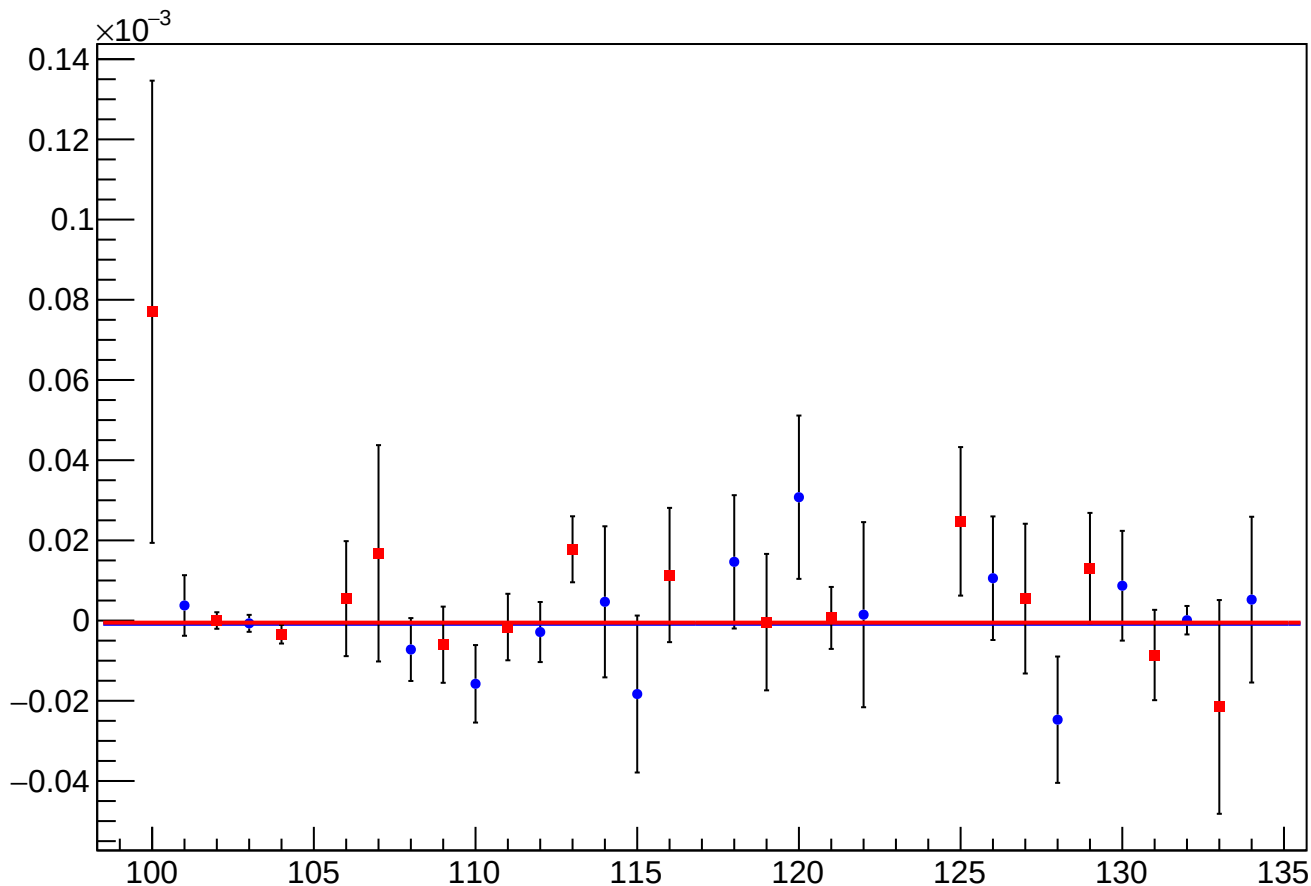
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 104.224 $\pm$ 0.023 χ^2 /NDF: 3887305.9/30

- 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 $\pm$ 0.000 χ^2 /NDF: 11.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.9/15

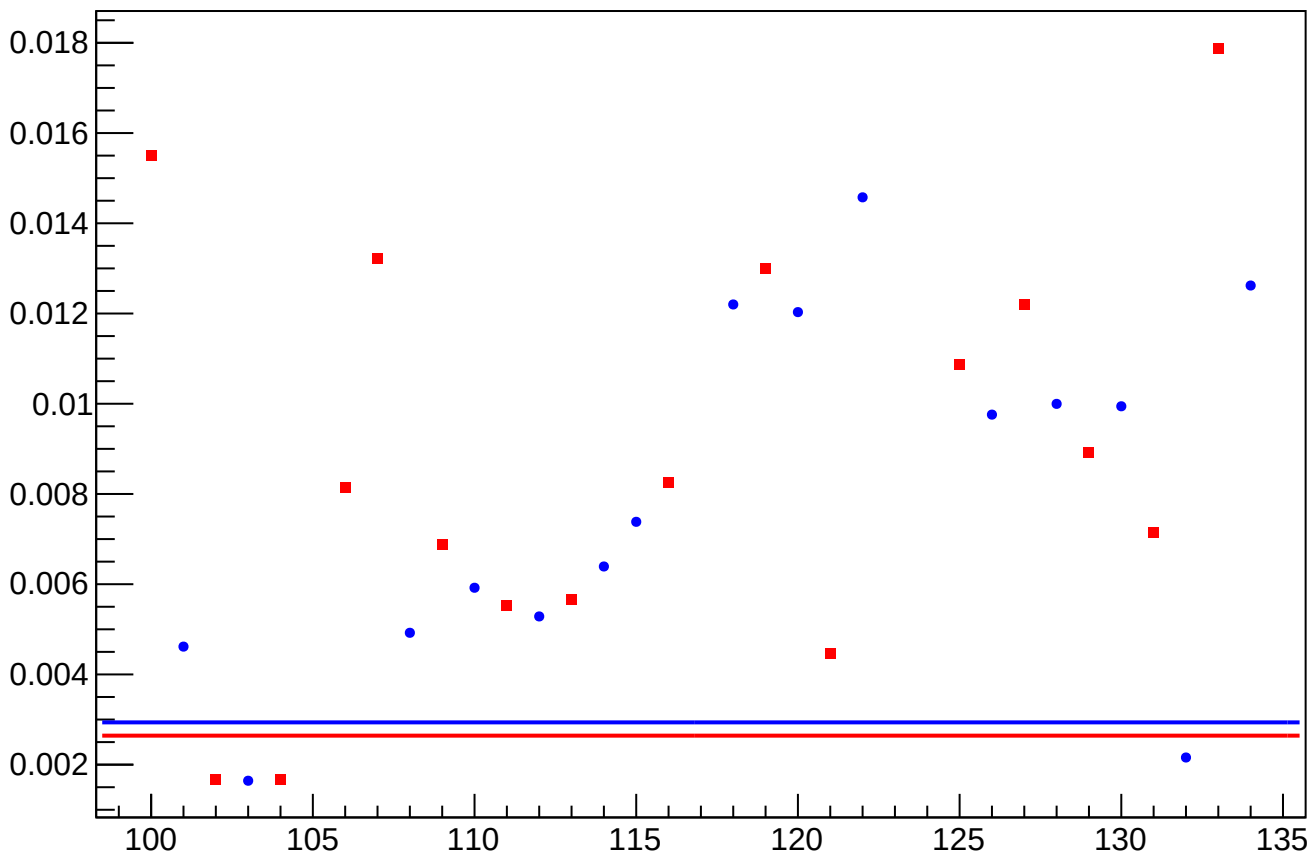
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 25.0/30

- sign 0.000 $\pm$ 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 : 5788601.9/15

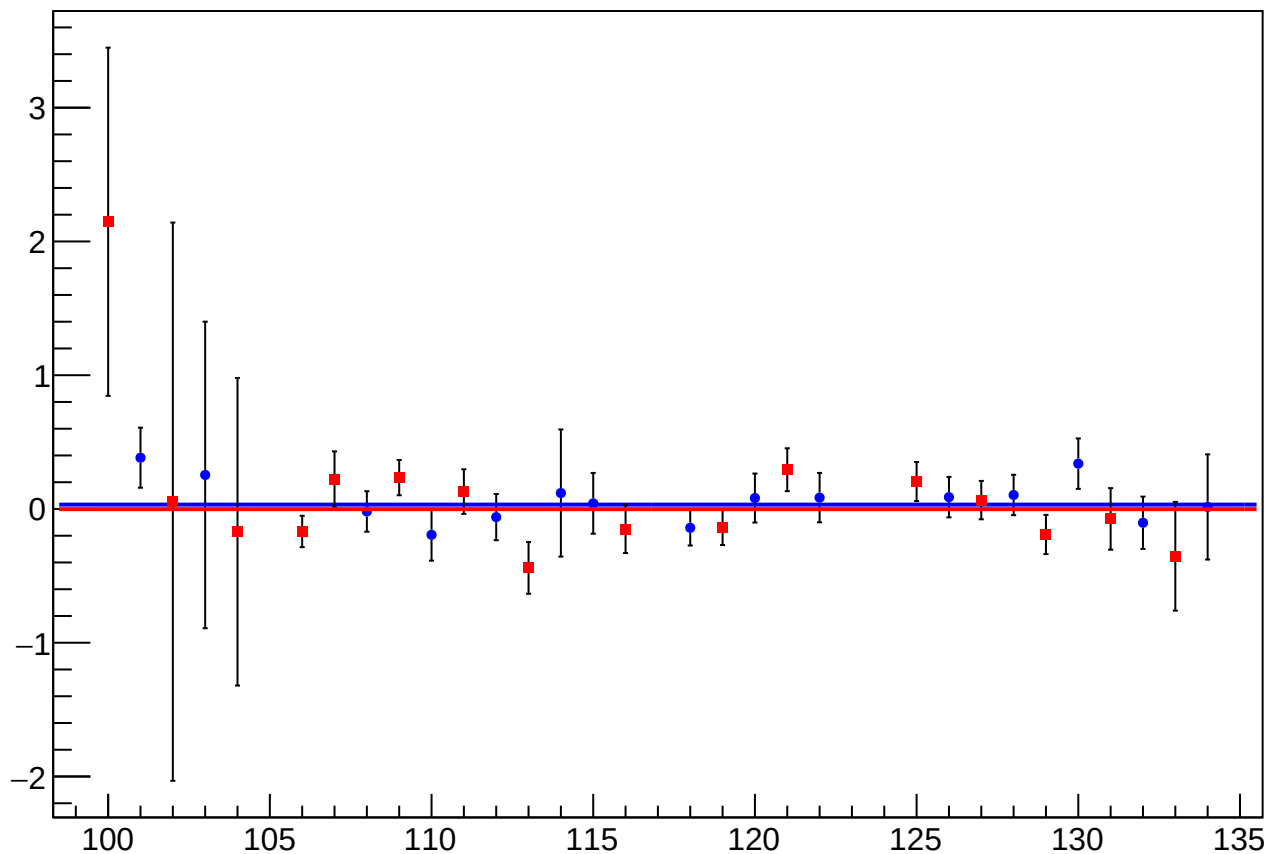
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 10742596.6/30

- 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: -0.001 $\pm$ 0.044 χ^2 /NDF: 24.8/15

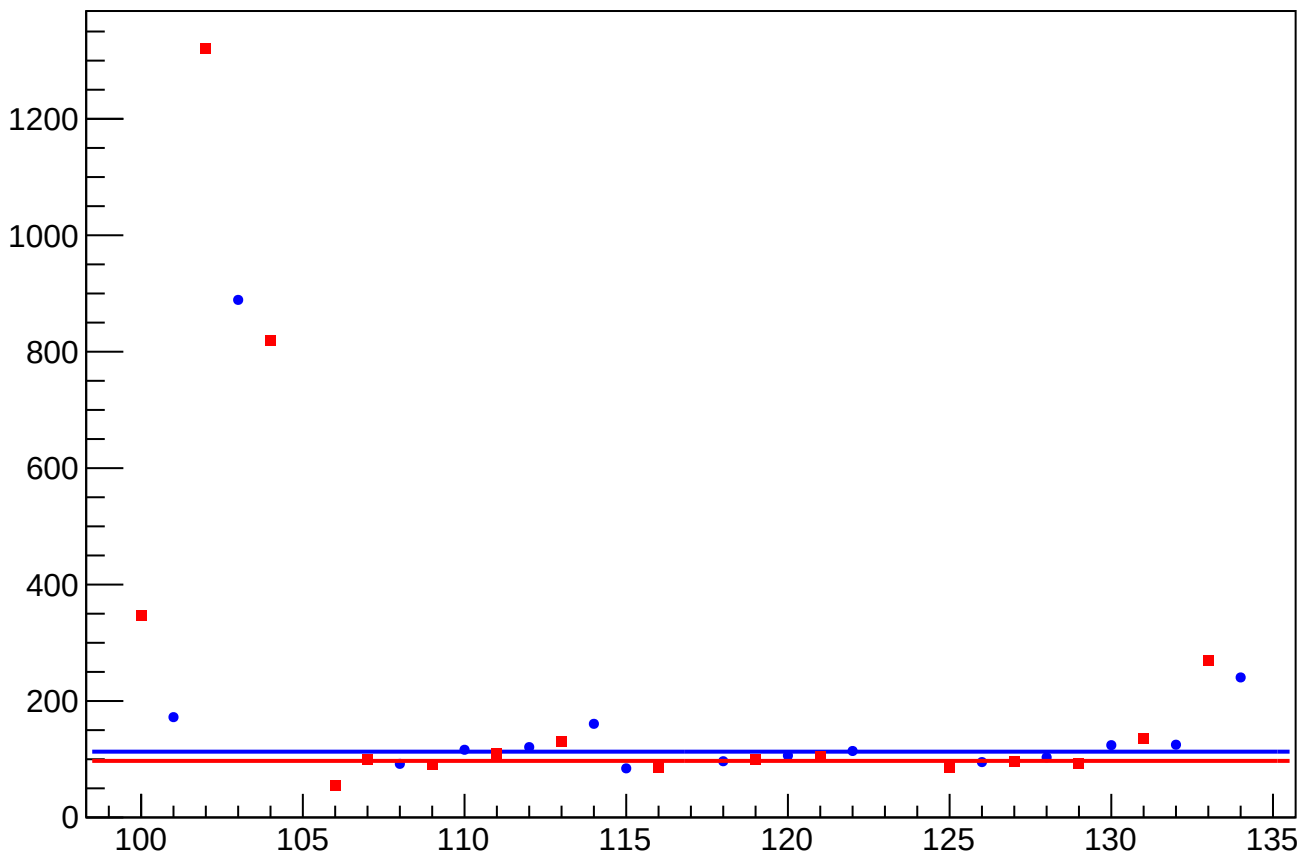
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.033 χ^2 /NDF: 34.7/30

- 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+/-0.035 χ^2/NDF : 1446374.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.150+/-0.031 χ^2/NDF : 2325952.0/15

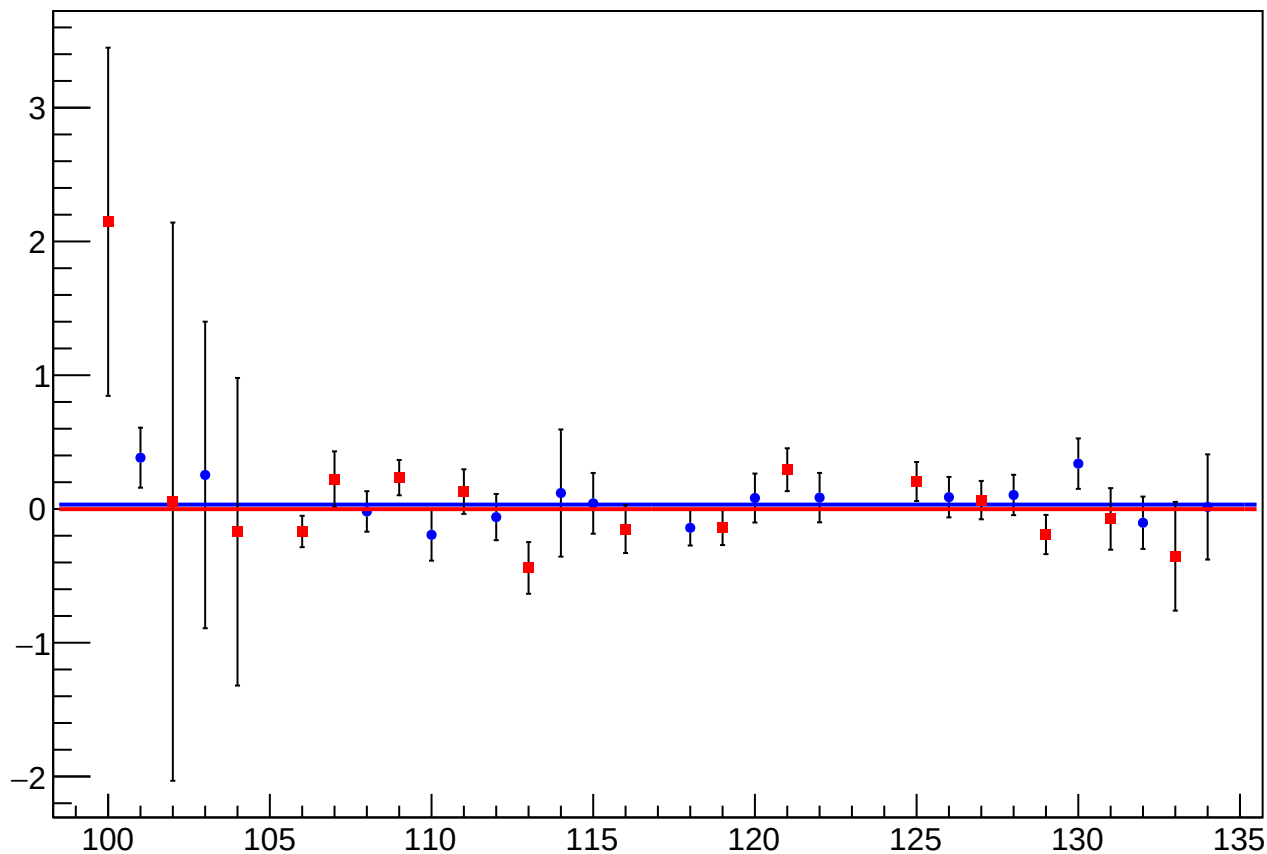
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.223+/-0.023 χ^2/NDF : 3887367.2/30

- sign 0.000+/-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: -0.001 $\pm$ 0.044 χ^2 /NDF: 24.8/15

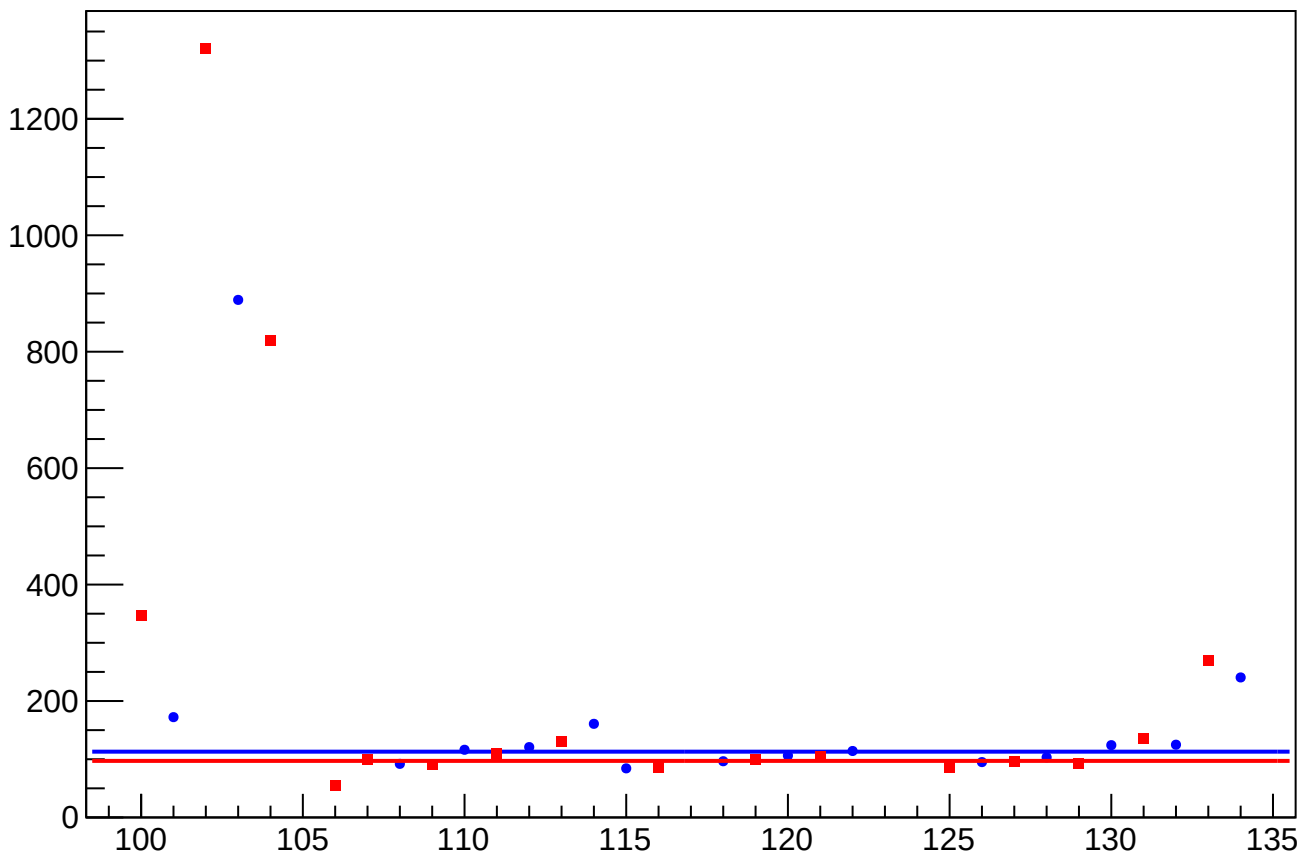
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.033 χ^2 /NDF: 34.7/30

- 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: 97.150 $\pm$ 0.031 χ^2 /NDF: 2325952.0/15

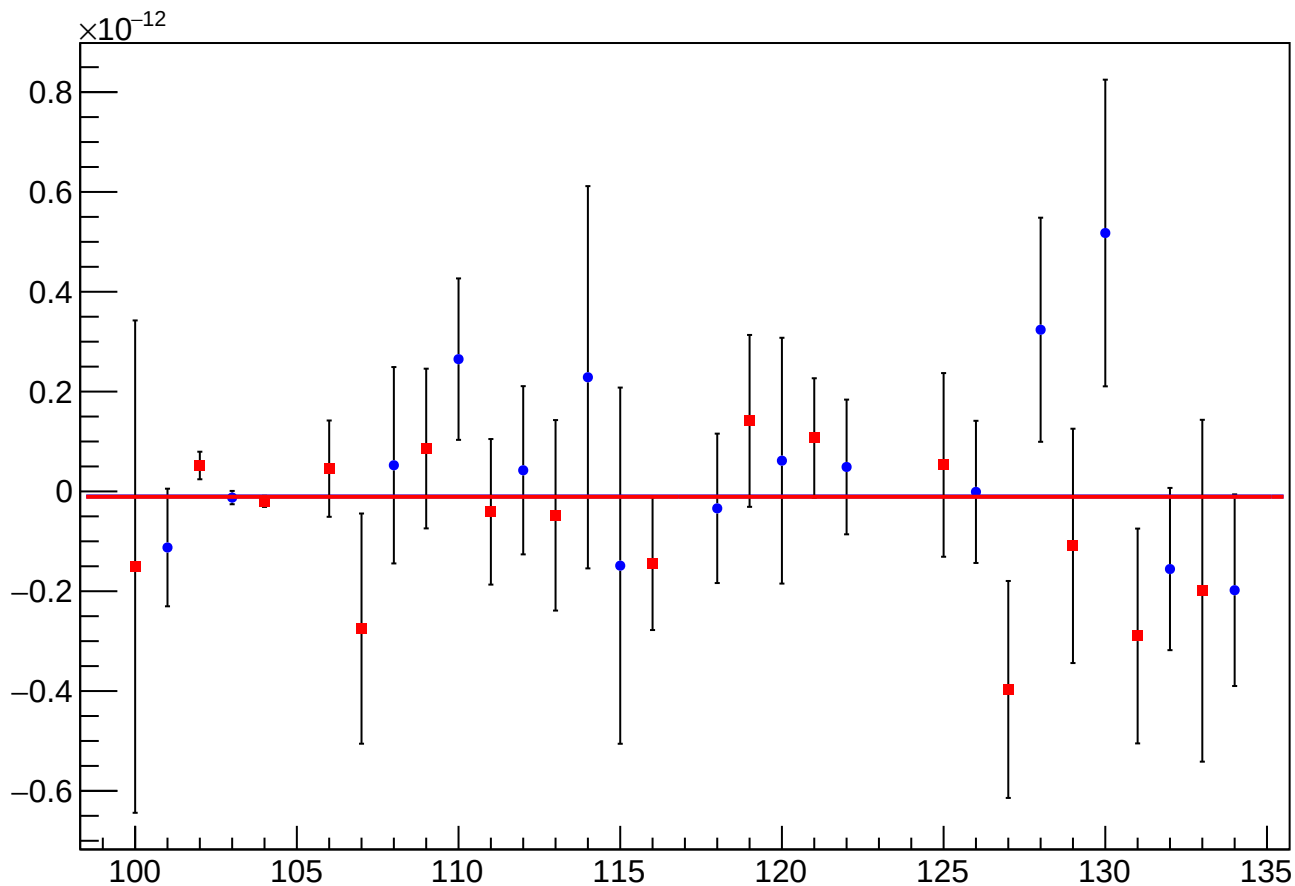
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 104.223 $\pm$ 0.023 χ^2 /NDF: 3887367.2/30

- 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: 16.2/15

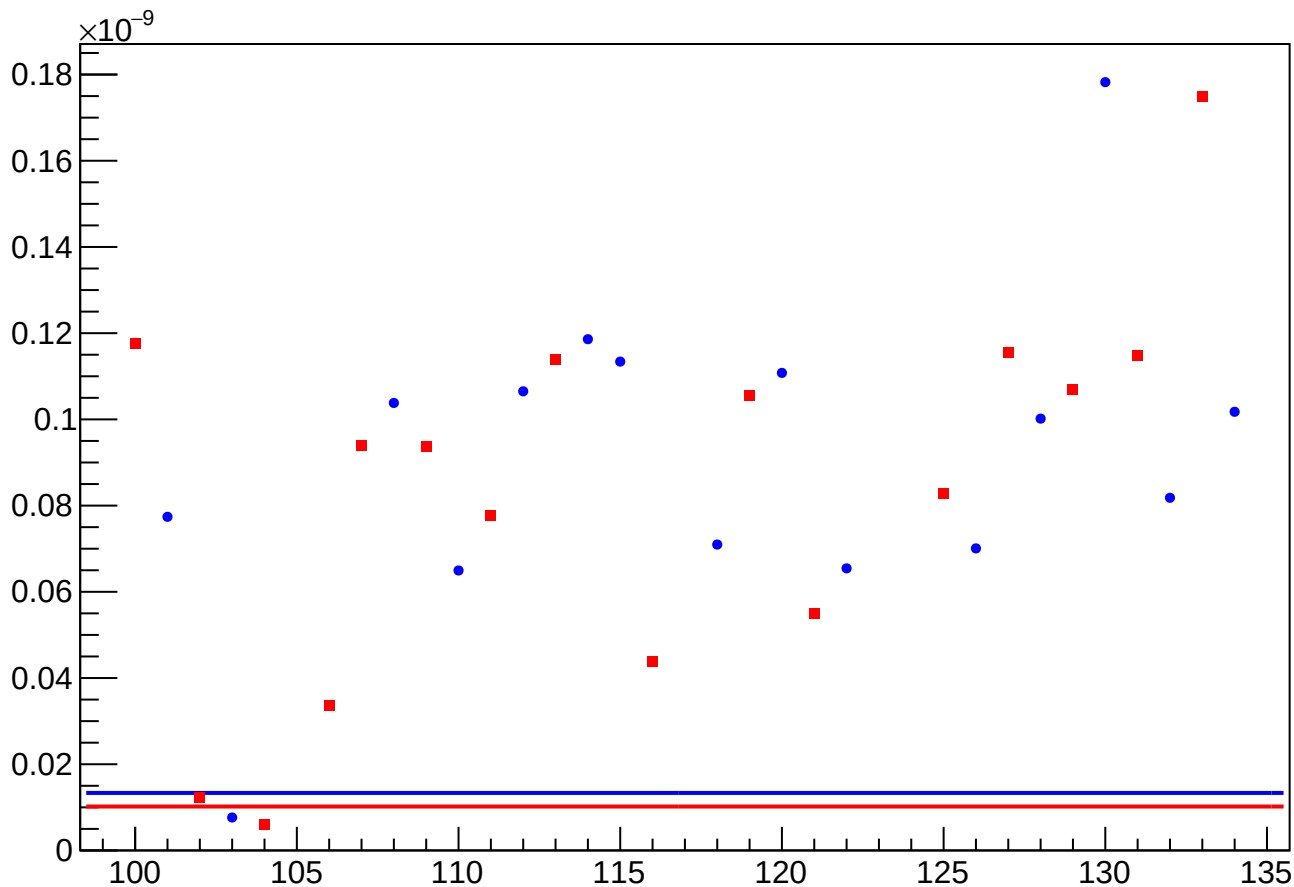
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 27.9/30

- 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 : 5423312.6/15

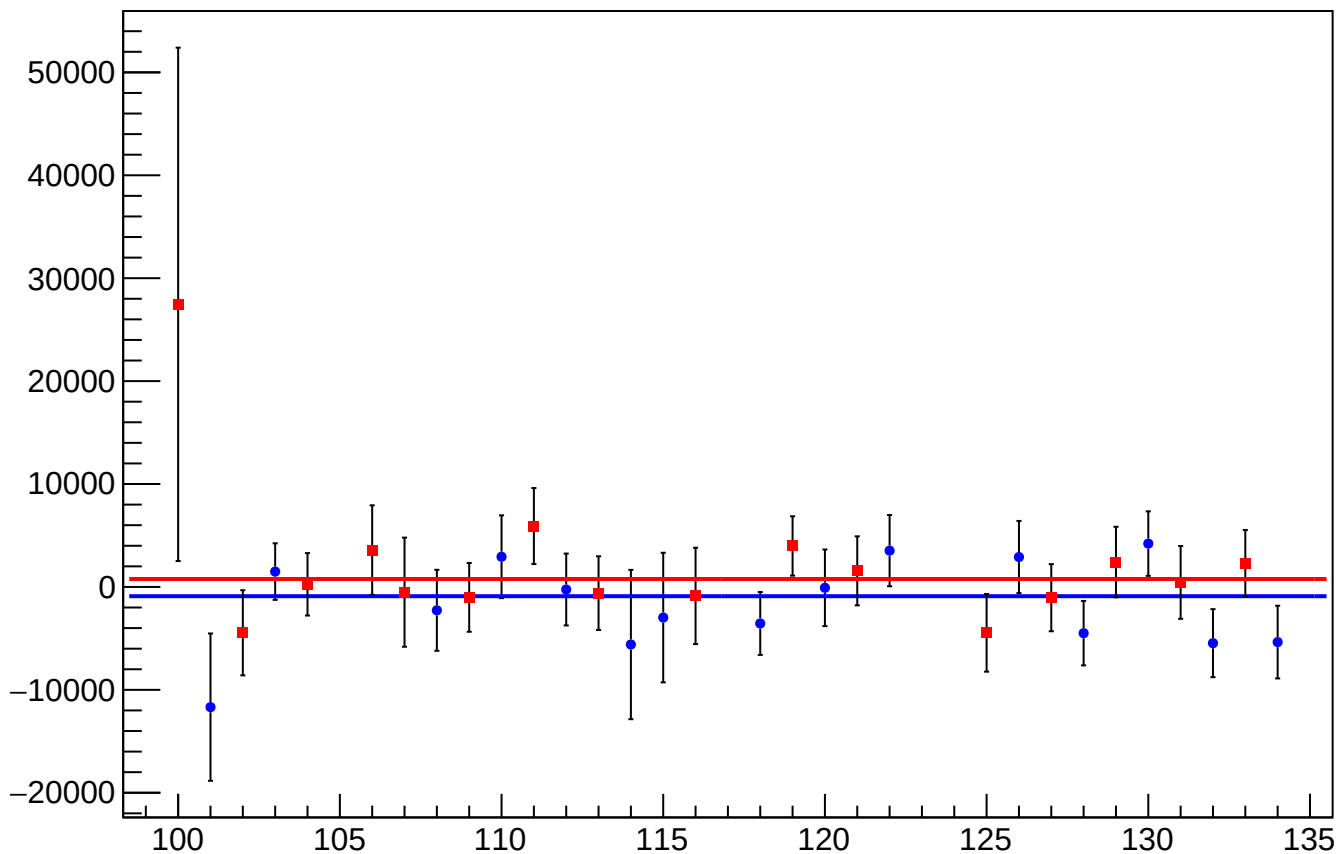
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10879806.5/30

- 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: 770.375 ± 921.118 χ^2/NDF : 9.7/15

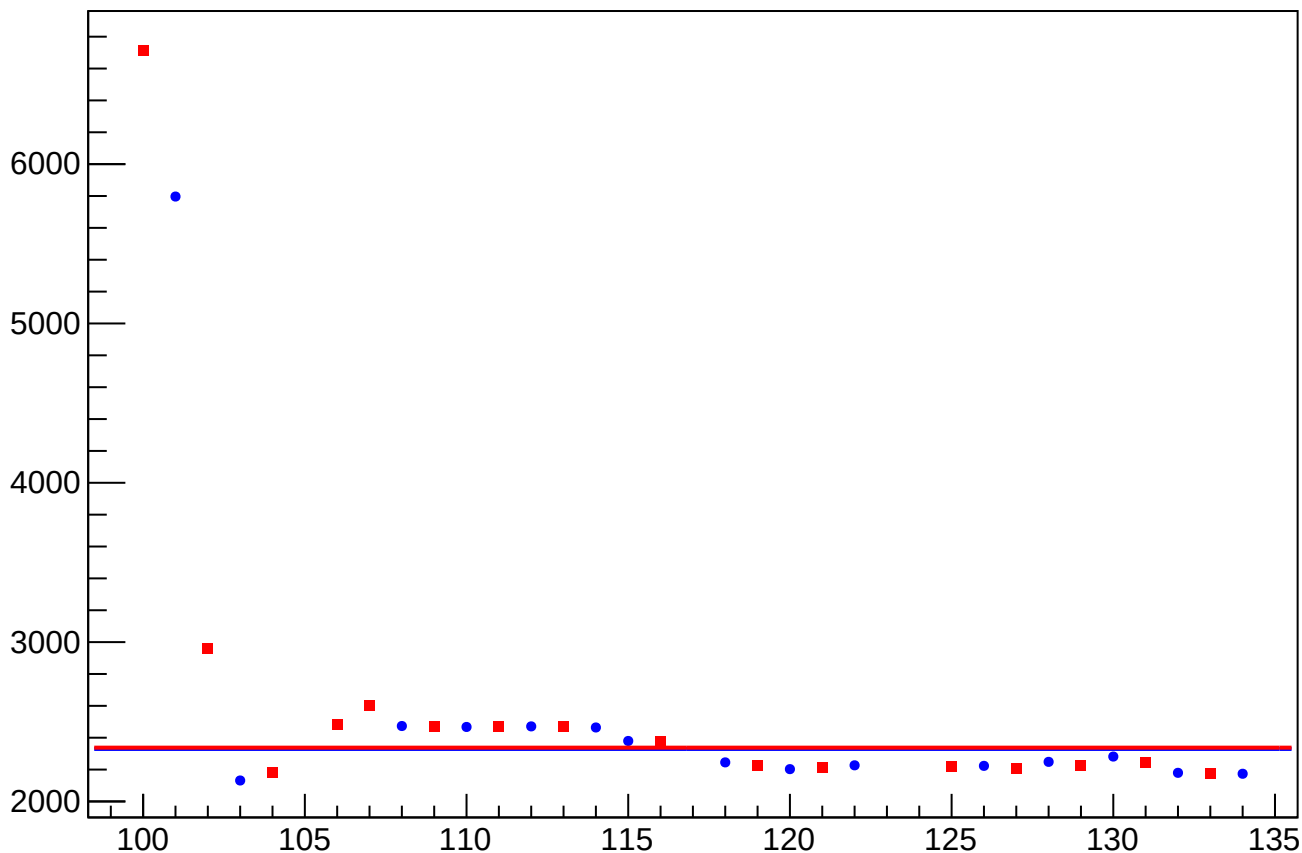
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -45.567 ± 658.993 χ^2/NDF : 27.0/30

- 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: 2337.612+/-0.651 χ^2/NDF : 147125.0/15

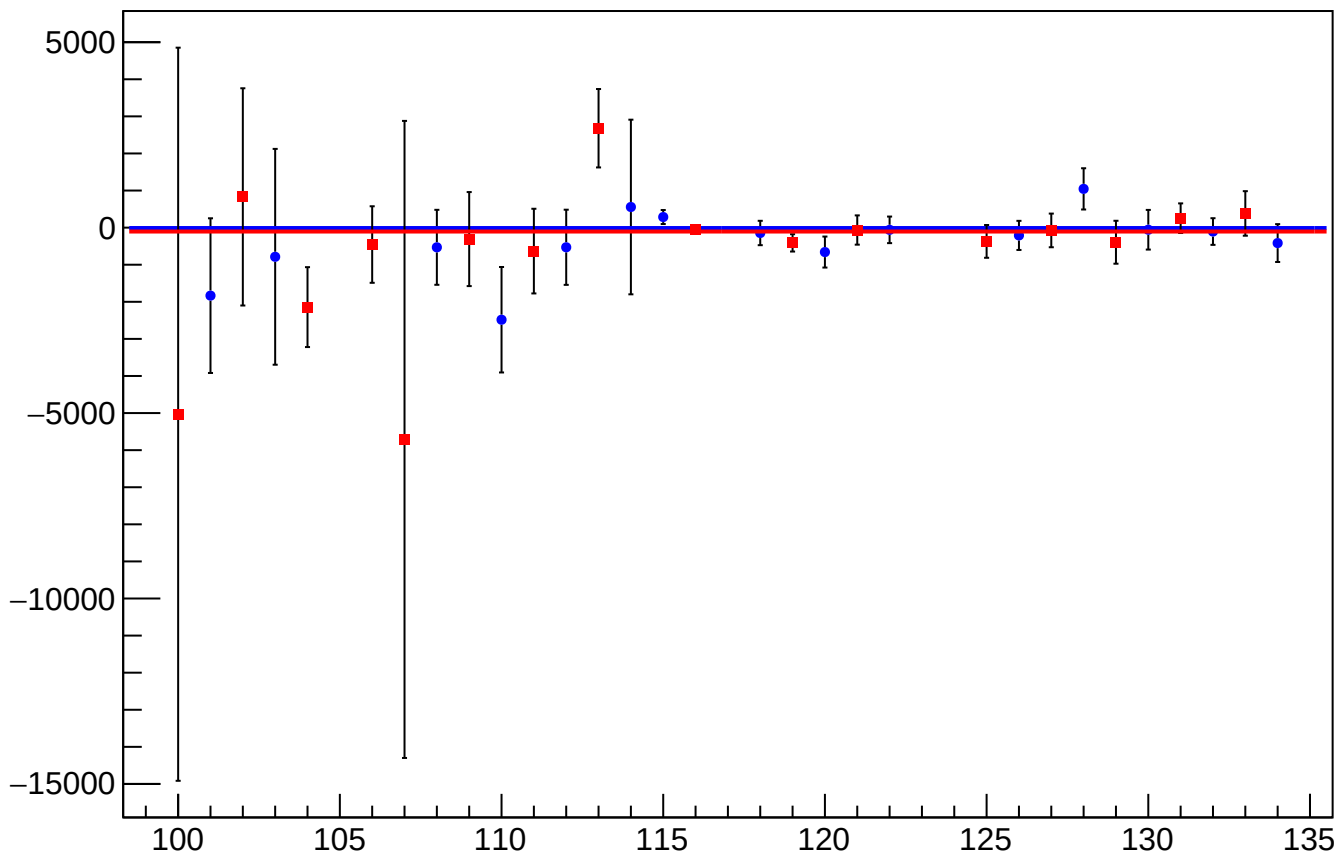
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2333.648+/-0.466 χ^2/NDF : 653200.3/30

- 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: -105.119 ± 93.481 χ^2/NDF : 15.7/15

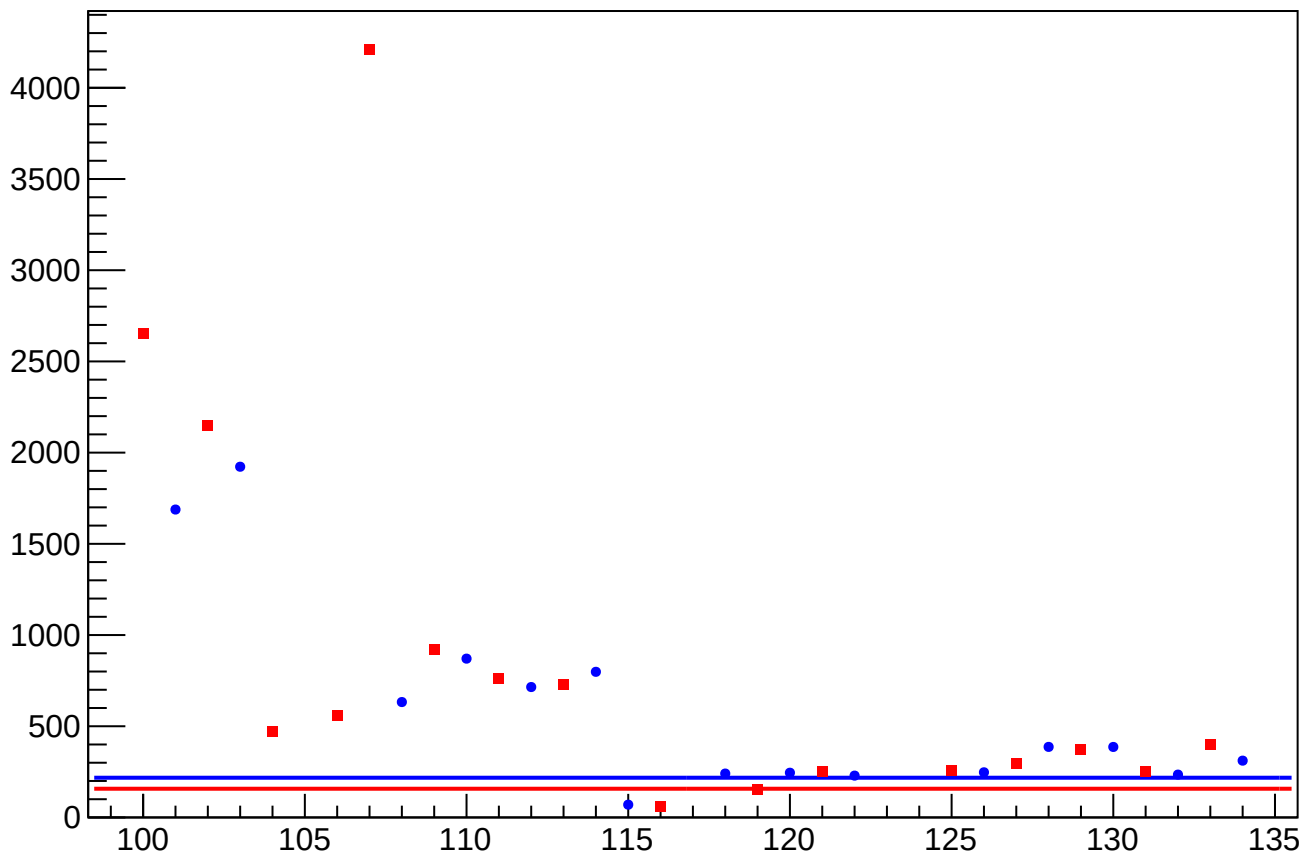
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -66.733 ± 71.983 χ^2/NDF : 30.2/30

- 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: 157.456+/-0.066 χ^2/NDF : 6144727.0/15

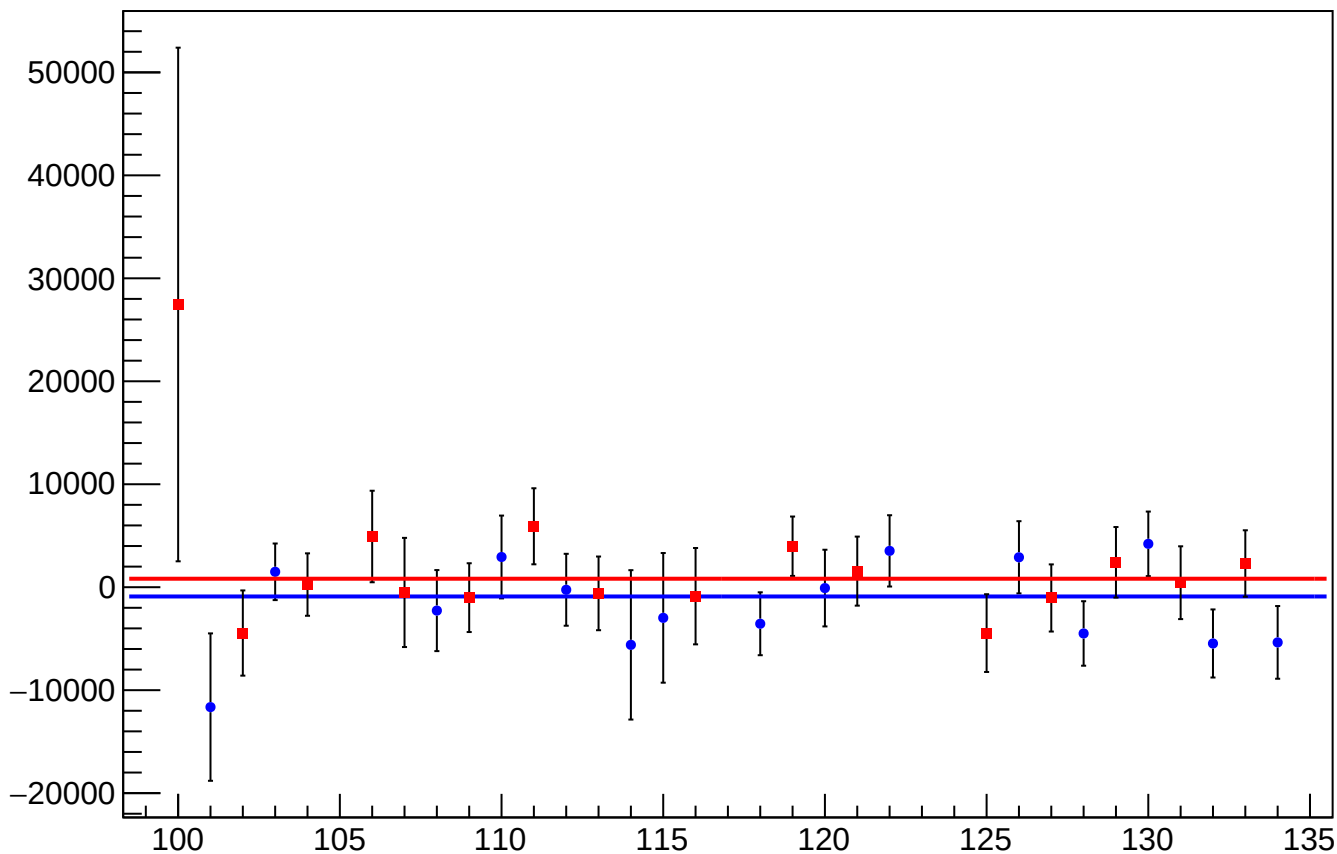
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.027+/-0.051 χ^2/NDF : 11235743.2/30

- 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: 823.644+/-921.975 χ^2/NDF : 10.2/15

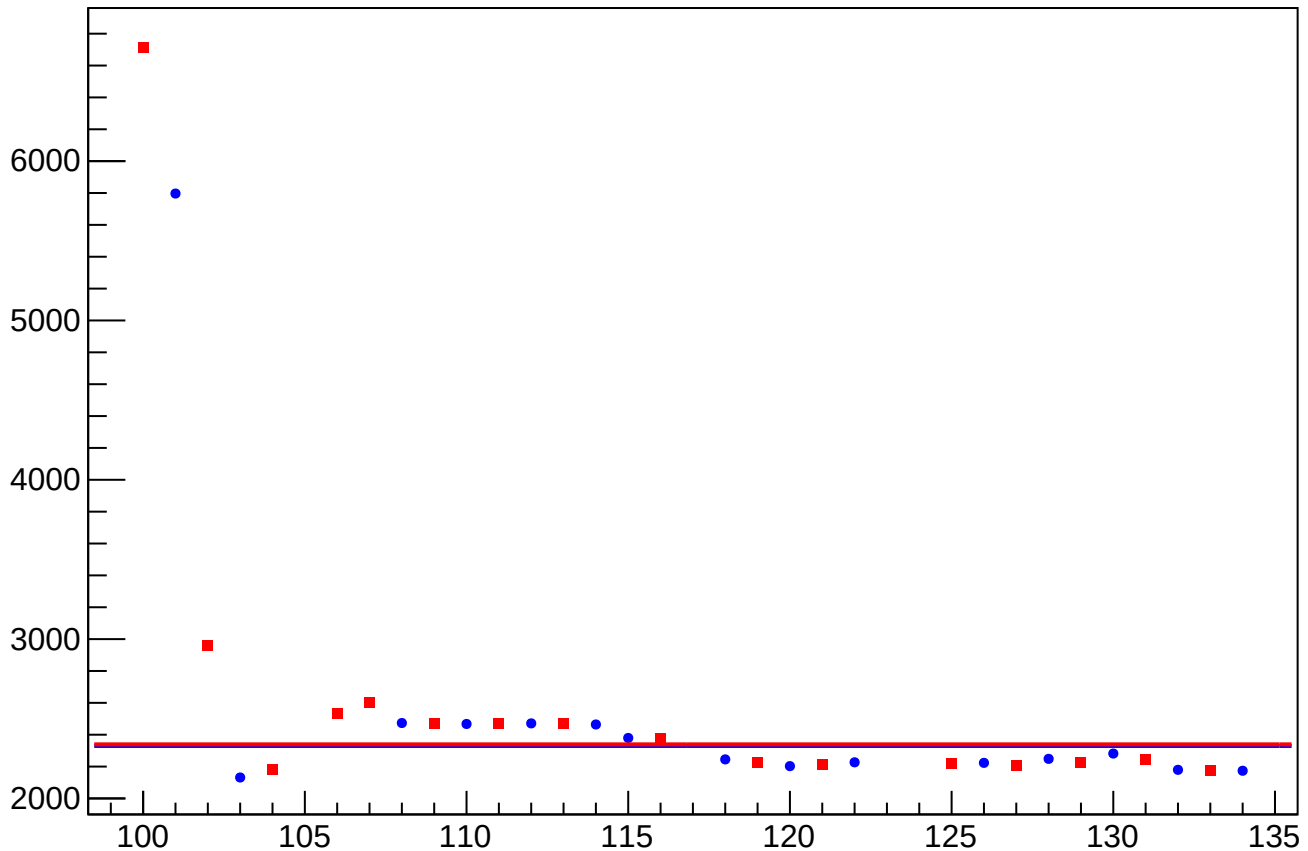
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.545+/-659.307 χ^2/NDF : 27.6/30

- 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: 2339.523+/-0.652 χ^2/NDF : 148784.9/15

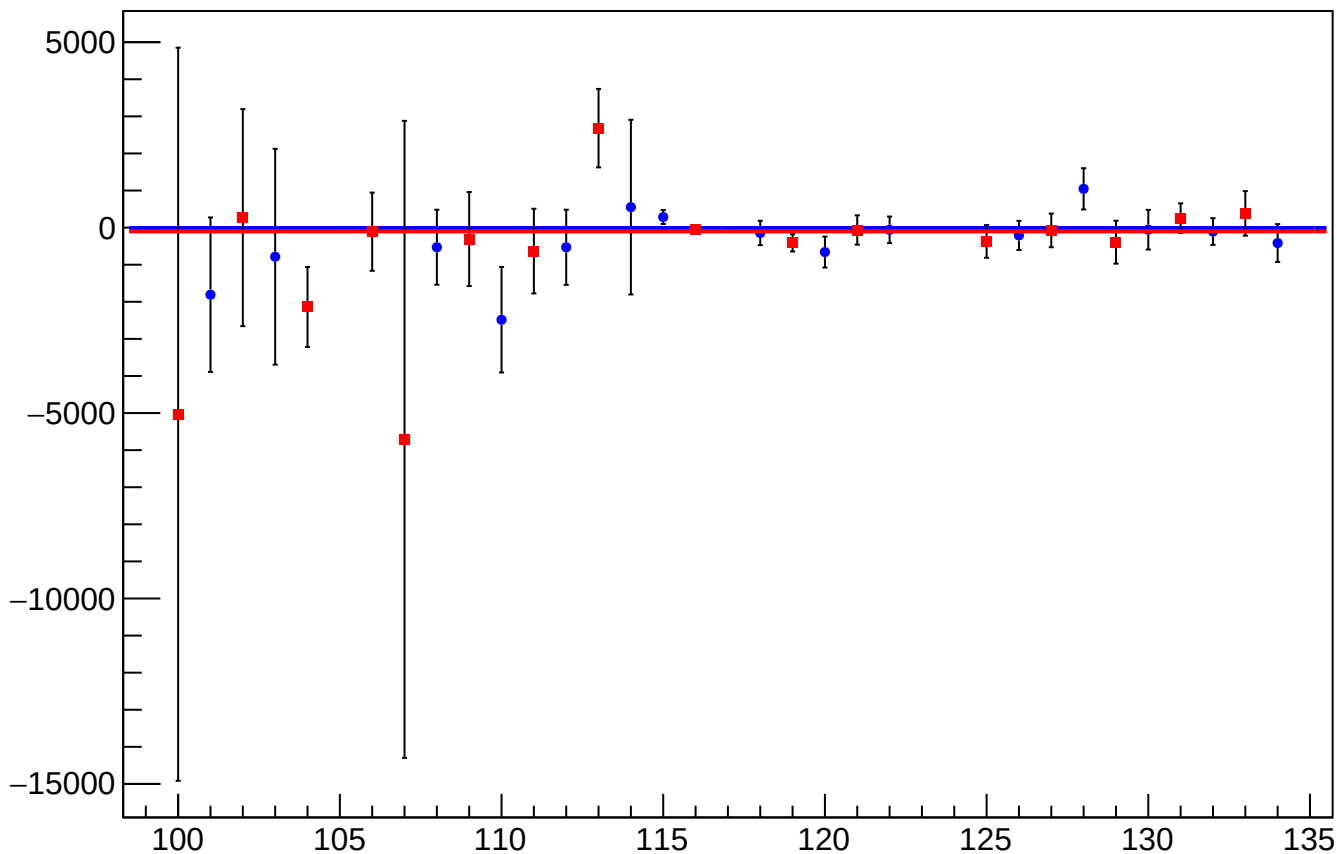
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2334.621+/-0.466 χ^2/NDF : 654900.3/30

- 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: -102.172 ± 93.387 χ^2/NDF : 15.5/15

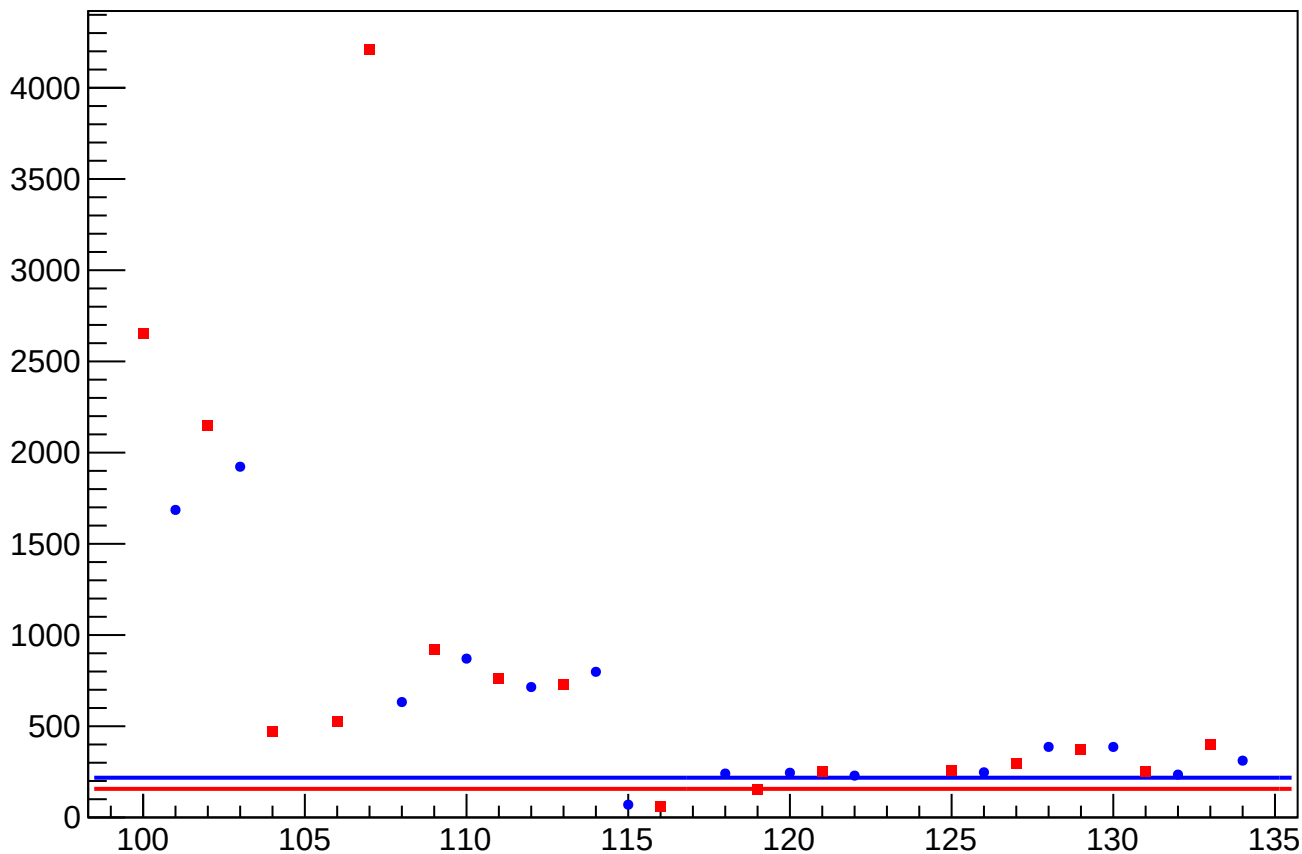
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -64.993 ± 71.944 χ^2/NDF : 29.9/30

- 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 $\pm$ 0.080 χ^2 /NDF: 4749814.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 156.729 $\pm$ 0.066 χ^2 /NDF: 6100035.6/15

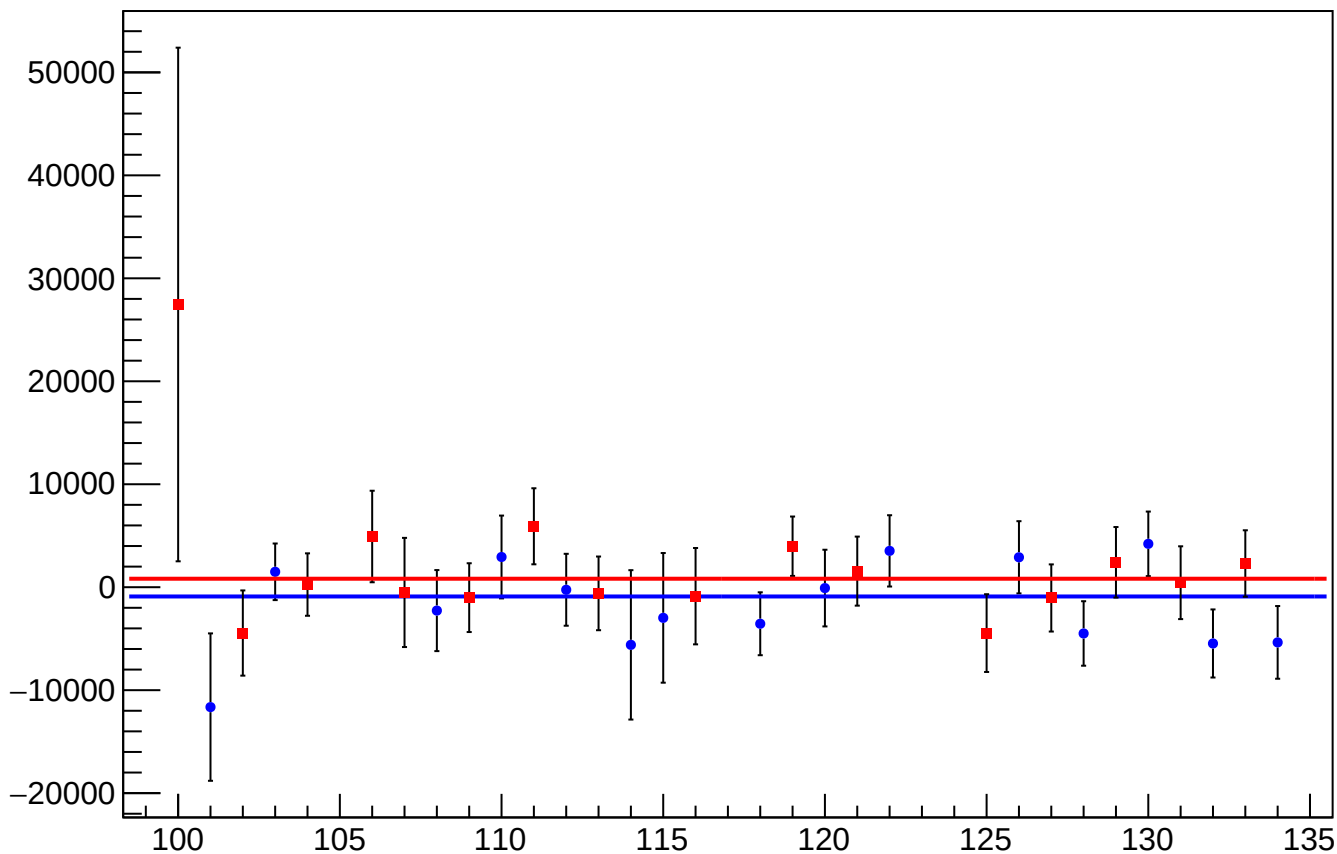
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 181.585 $\pm$ 0.051 χ^2 /NDF: 11198425.6/30

- sign 0.000 $\pm$ 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: 823.644+/-921.975 χ^2/NDF : 10.2/15

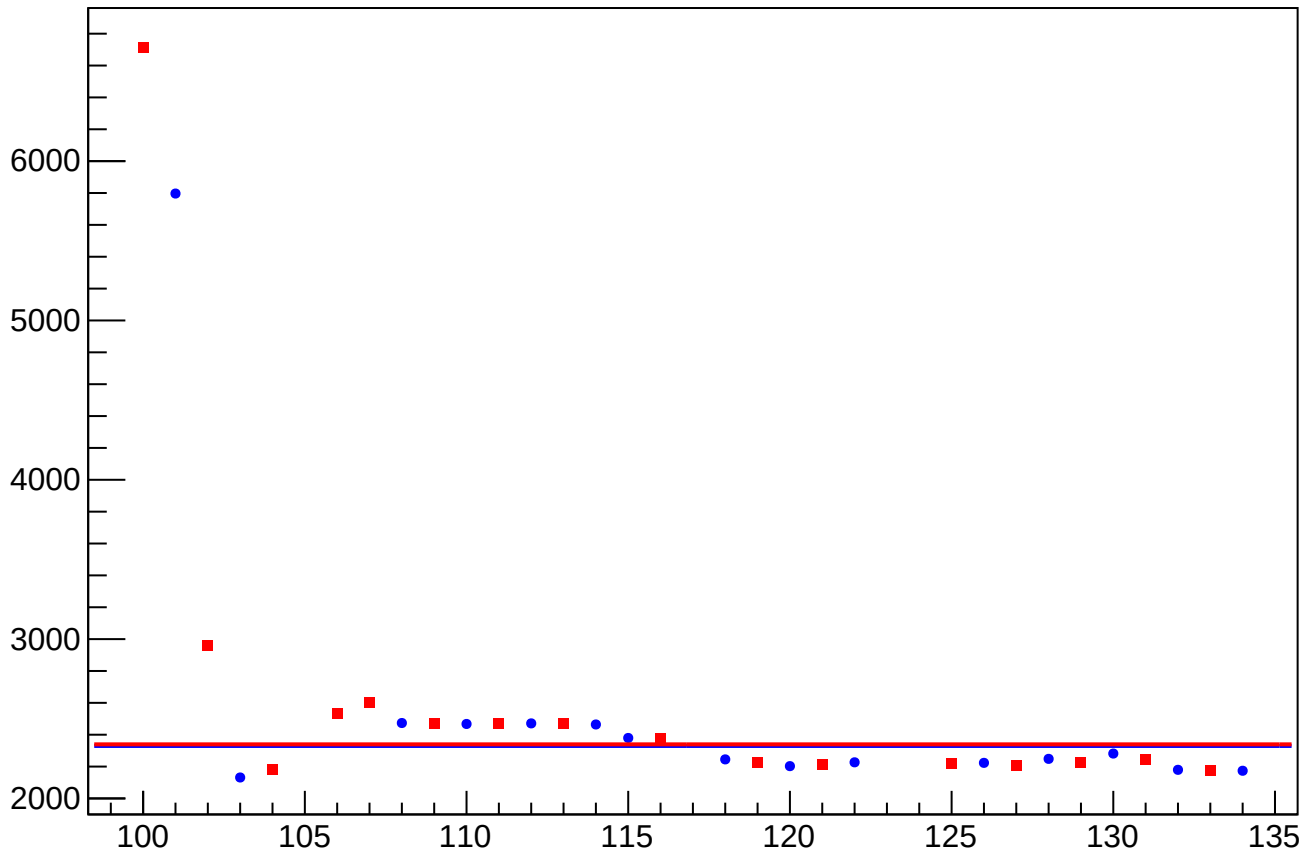
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.545+/-659.307 χ^2/NDF : 27.6/30

- 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

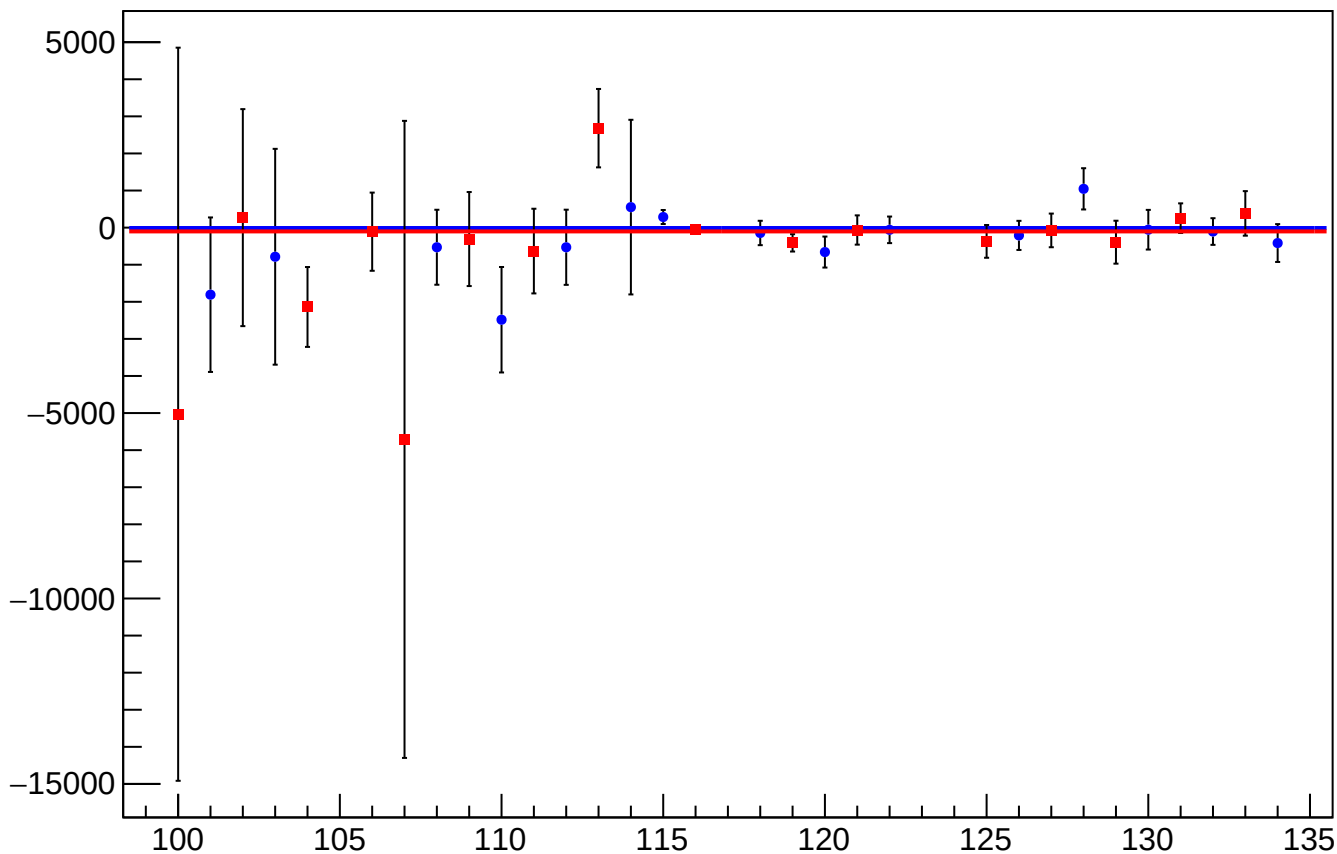
Right Out: 2339.523+/-0.652 χ^2/NDF : 148784.9/15

All: 2334.621+/-0.466 χ^2/NDF : 654900.3/30

- 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 ± 112.841 χ^2/NDF : 14.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -102.172 ± 93.387 χ^2/NDF : 15.5/15

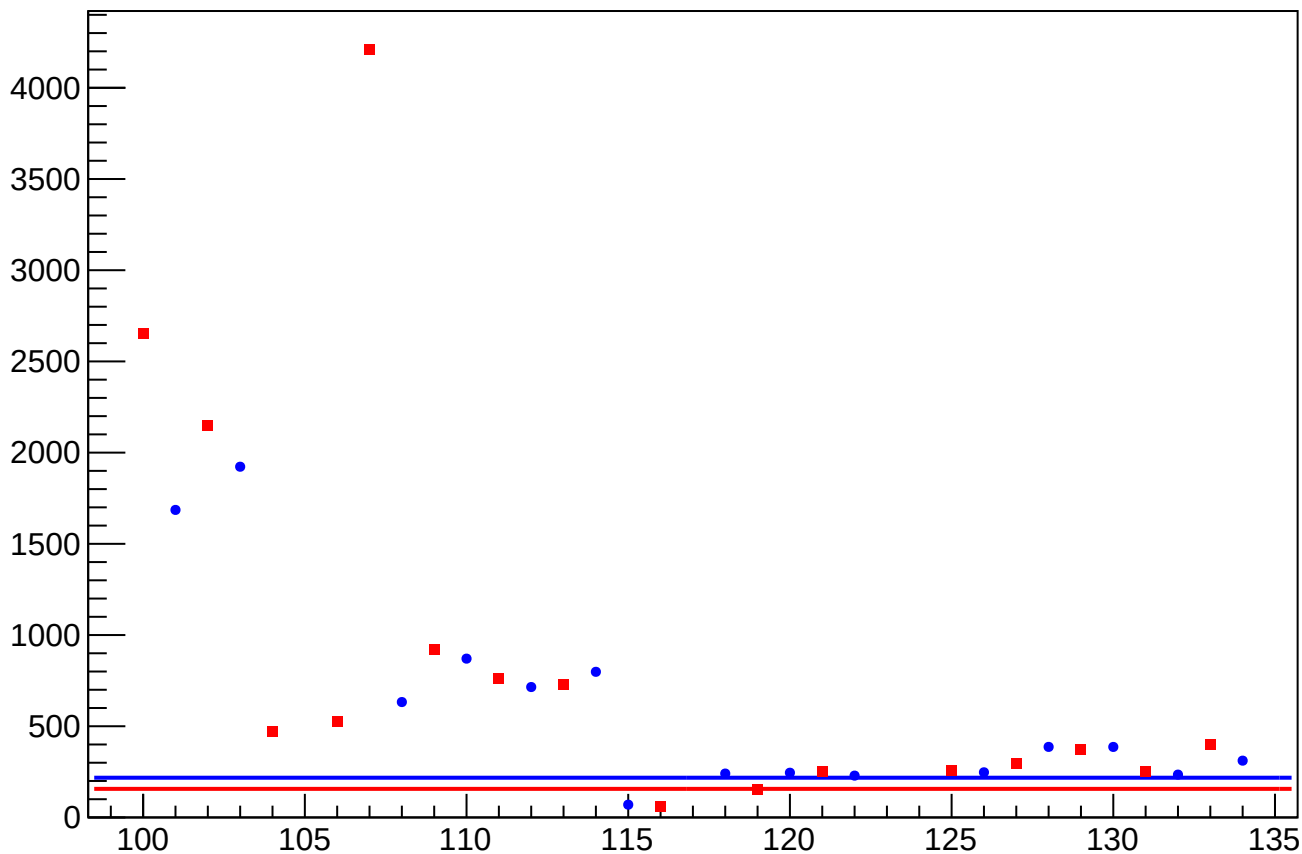
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -64.993 ± 71.944 χ^2/NDF : 29.9/30

- sign 0.000 ± 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: 156.729 $\pm$ 0.066 χ^2 /NDF: 6100035.6/15

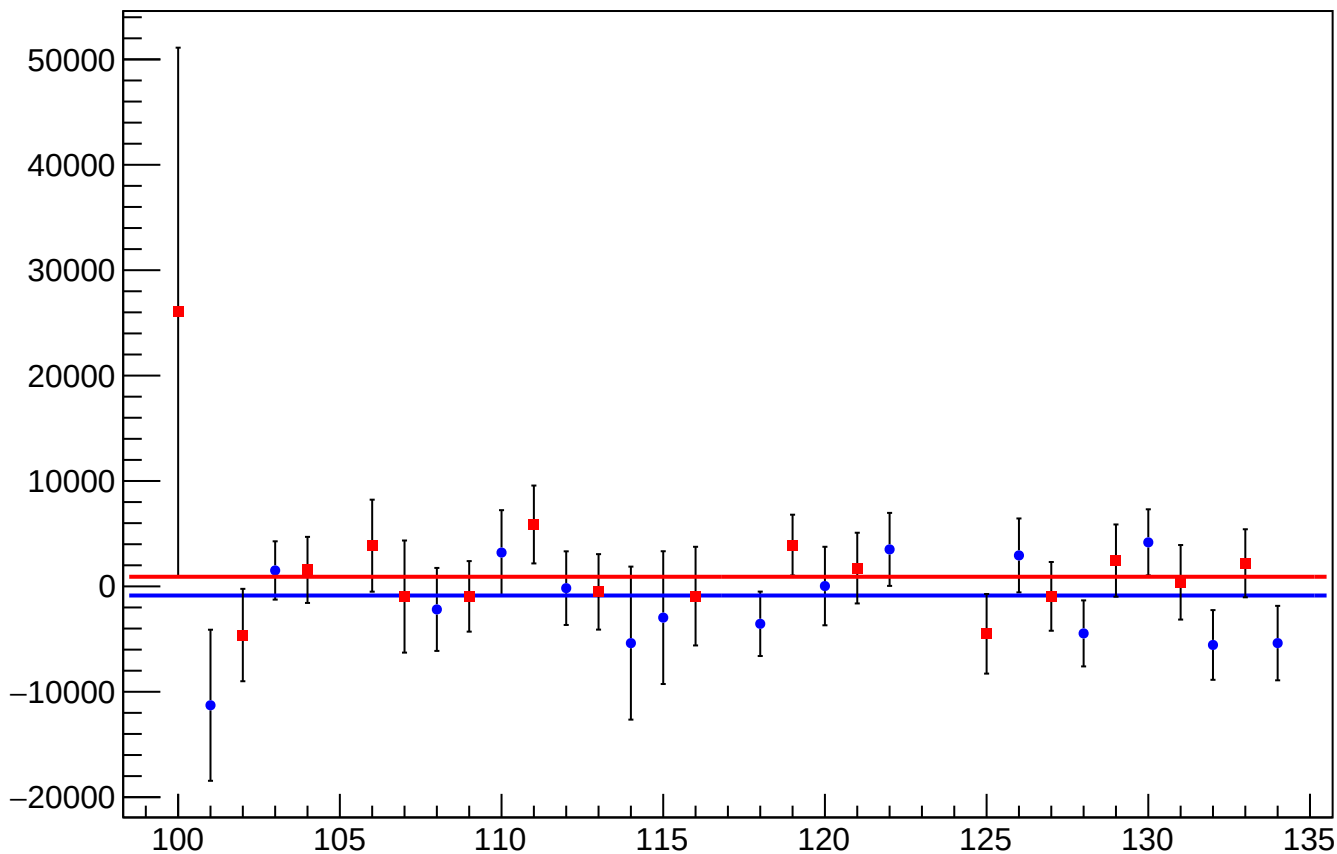
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 181.585 $\pm$ 0.051 χ^2 /NDF: 11198425.6/30

- 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: 913.132+/-926.979 χ^2/NDF : 9.6/15

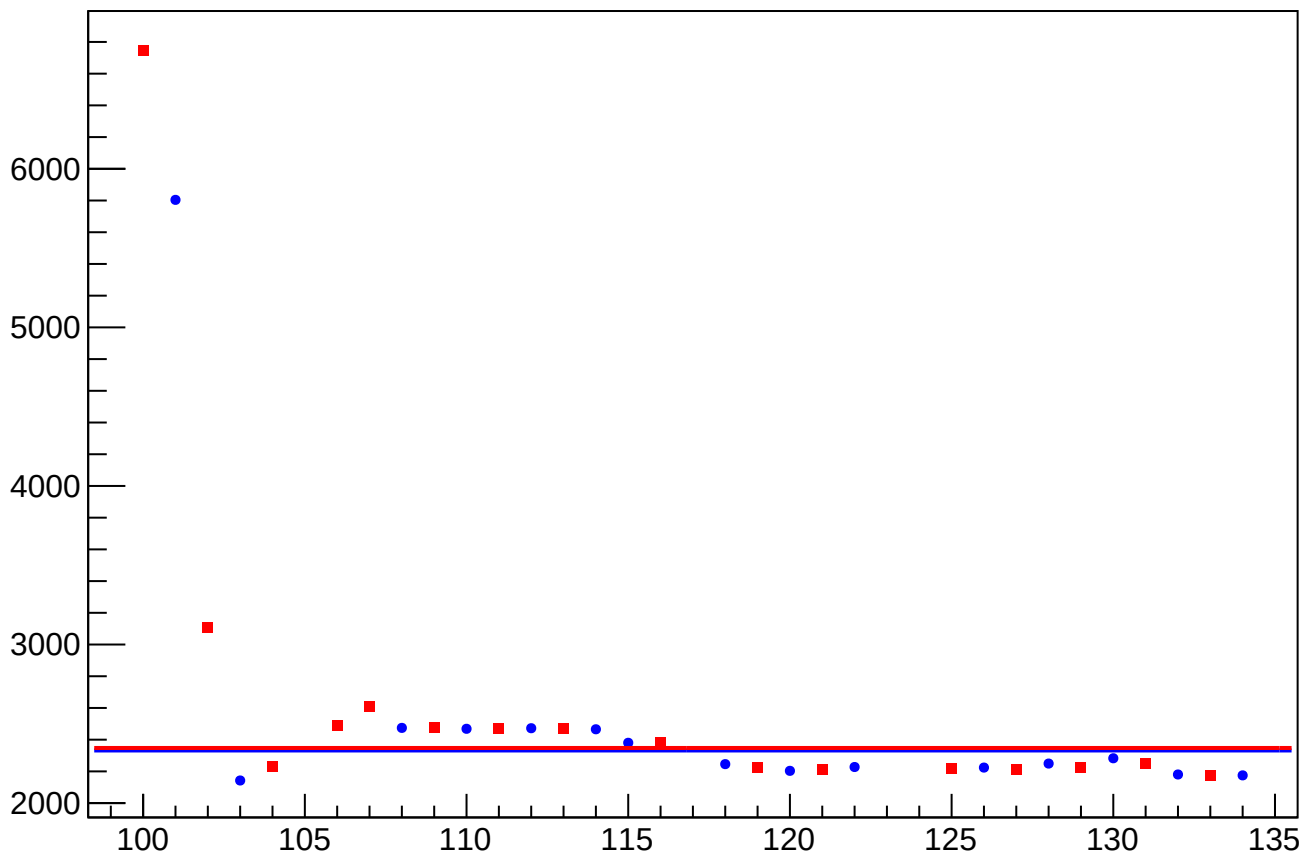
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.082+/-661.498 χ^2/NDF : 27.0/30

- 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 $\pm$ 0.668 χ^2 /NDF: 505425.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2347.660 $\pm$ 0.655 χ^2 /NDF: 161997.7/15

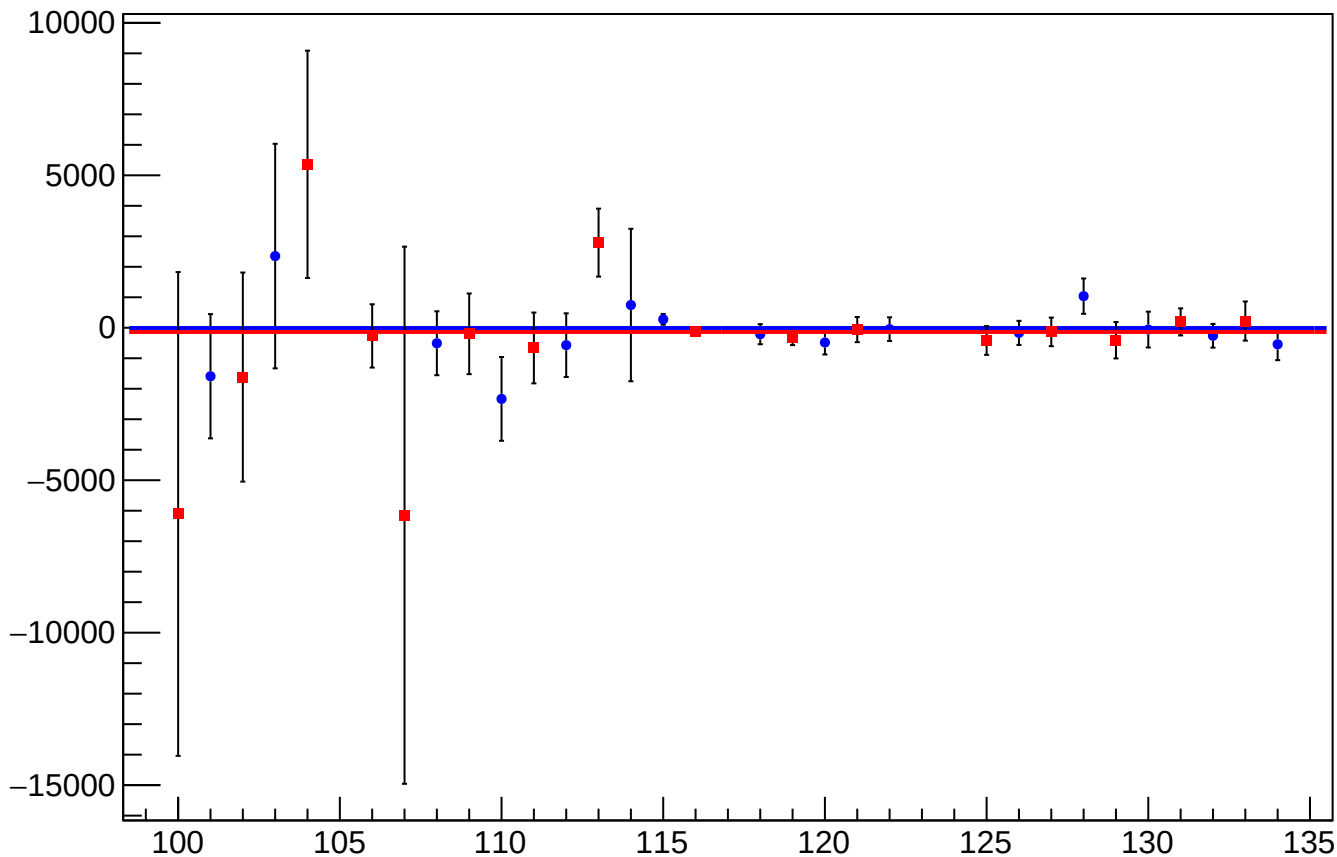
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2339.906 $\pm$ 0.468 χ^2 /NDF: 667708.6/30

- sign 0.000 $\pm$ 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: -136.824+/-97.553 χ^2/NDF : 12.7/15

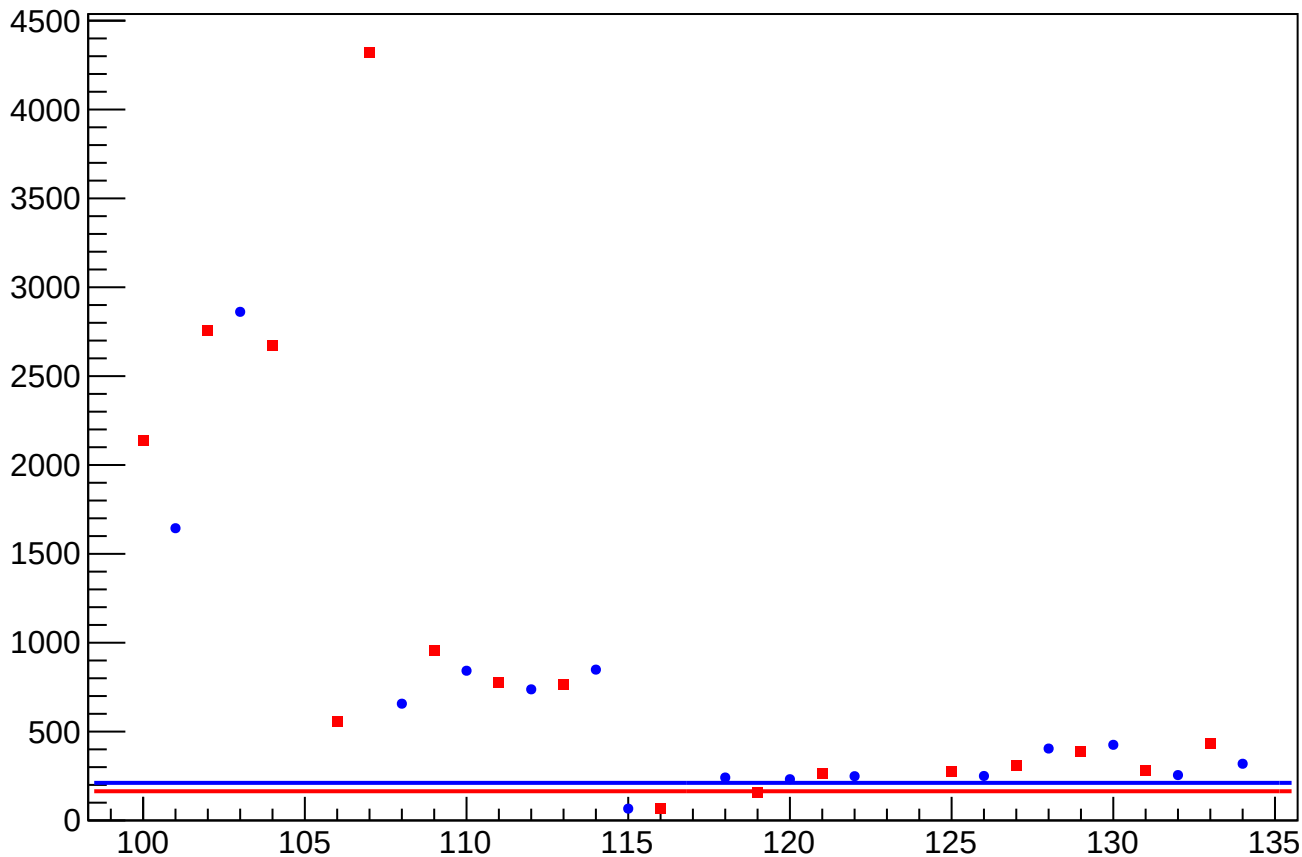
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -81.452+/-73.557 χ^2/NDF : 27.3/30

- 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: 164.294+/-0.069 χ^2/NDF : 7065541.4/15

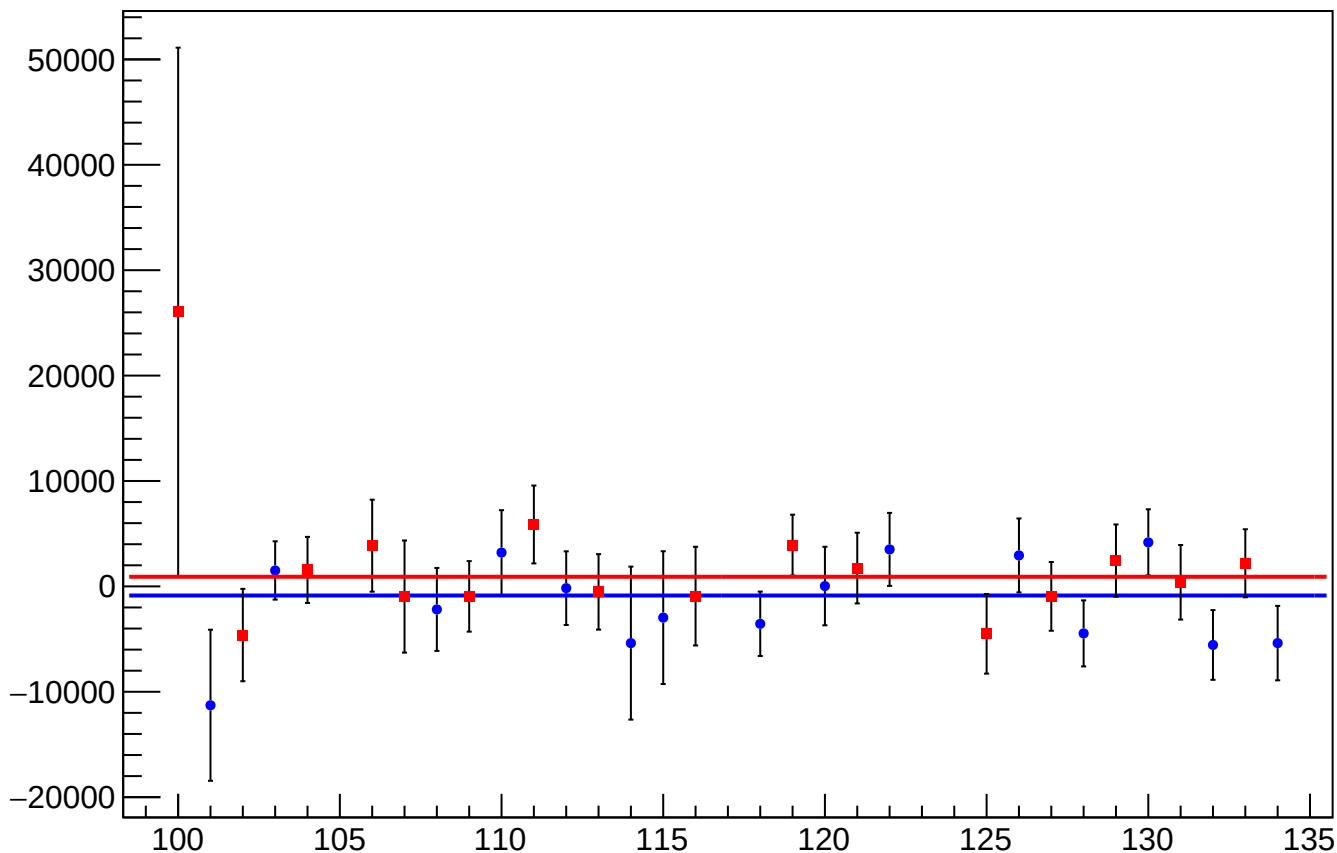
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.676+/-0.052 χ^2/NDF : 12718713.8/30

- 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: 913.135+/-926.979 χ^2/NDF : 9.6/15

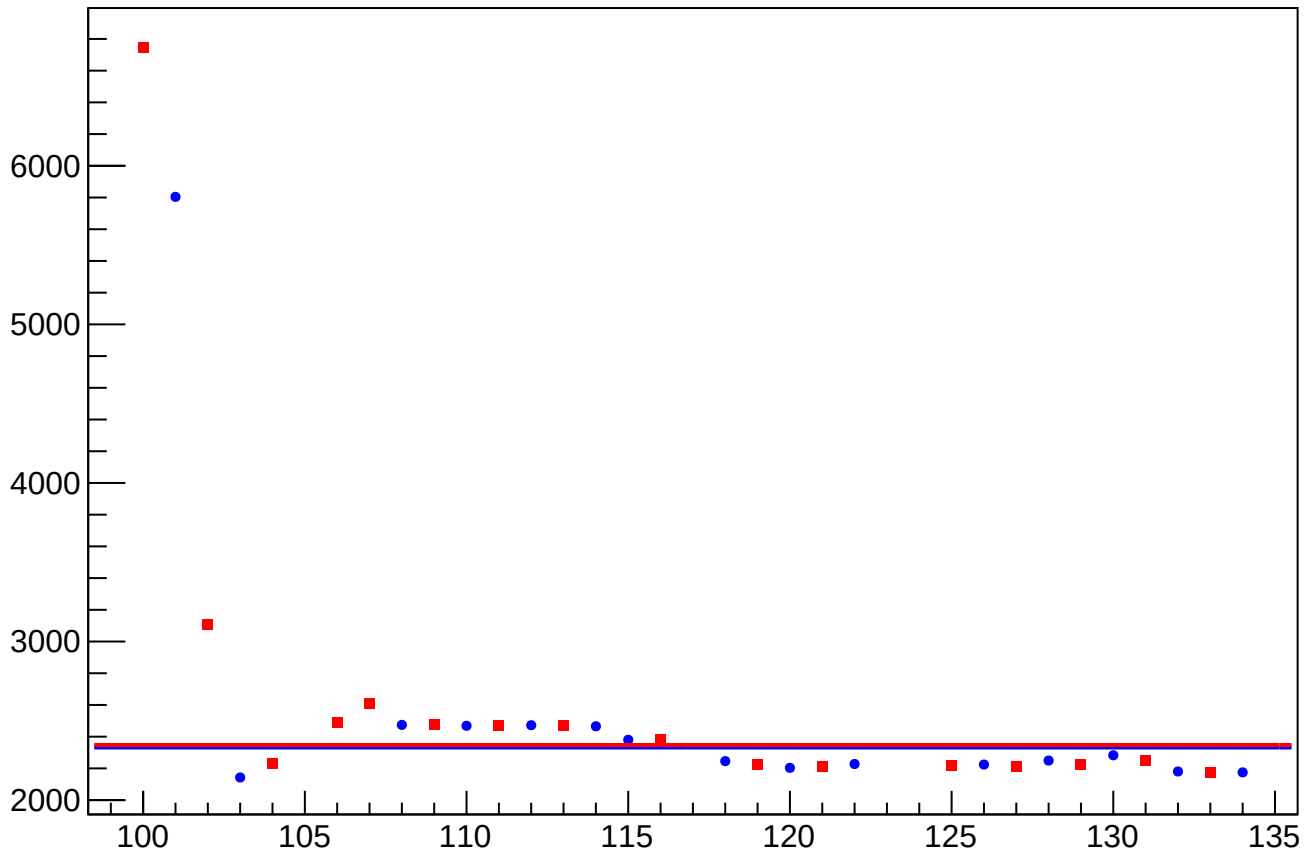
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.083+/-661.498 χ^2/NDF : 27.0/30

- 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

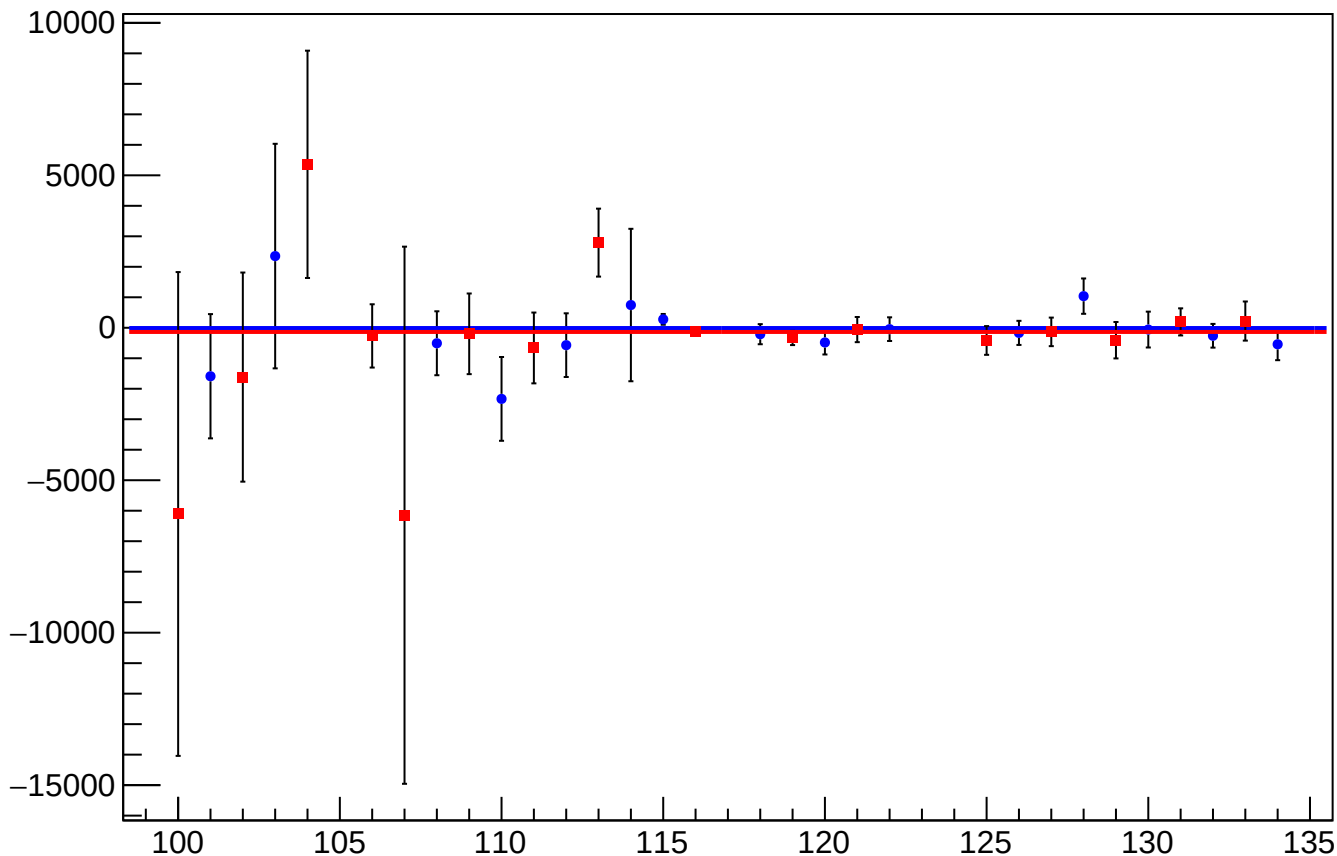
Right Out: 2347.660+/-0.655 χ^2/NDF : 161997.6/15

All: 2339.906+/-0.468 χ^2/NDF : 667708.6/30

- 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: -136.823 ± 97.552 χ^2/NDF : 12.7/15

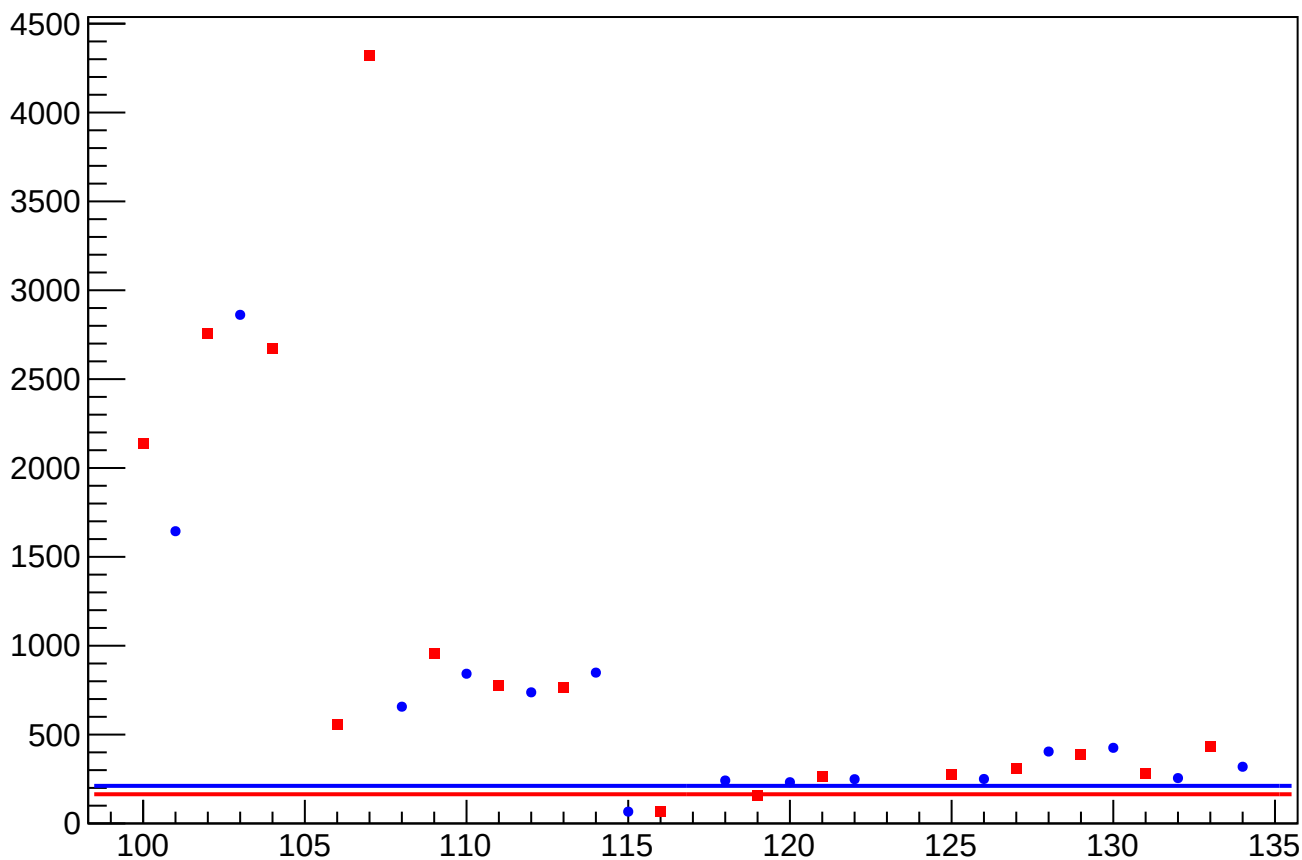
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -81.451 ± 73.556 χ^2/NDF : 27.3/30

- 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: 164.291 $\pm$ 0.069 χ^2 /NDF: 7065603.7/15

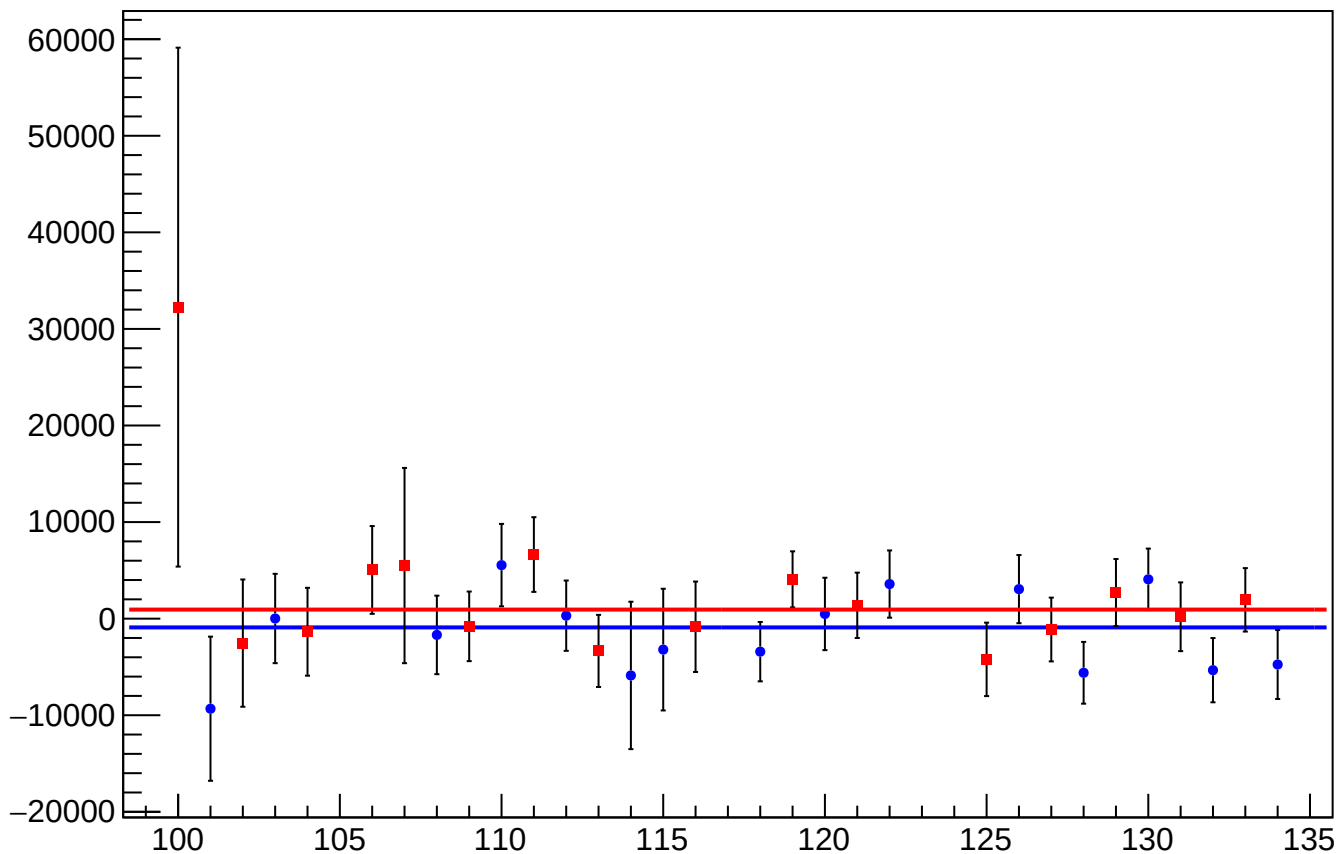
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 184.673 $\pm$ 0.052 χ^2 /NDF: 12718836.3/30

- 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: 939.326+/-993.330 χ^2/NDF : 10.6/15

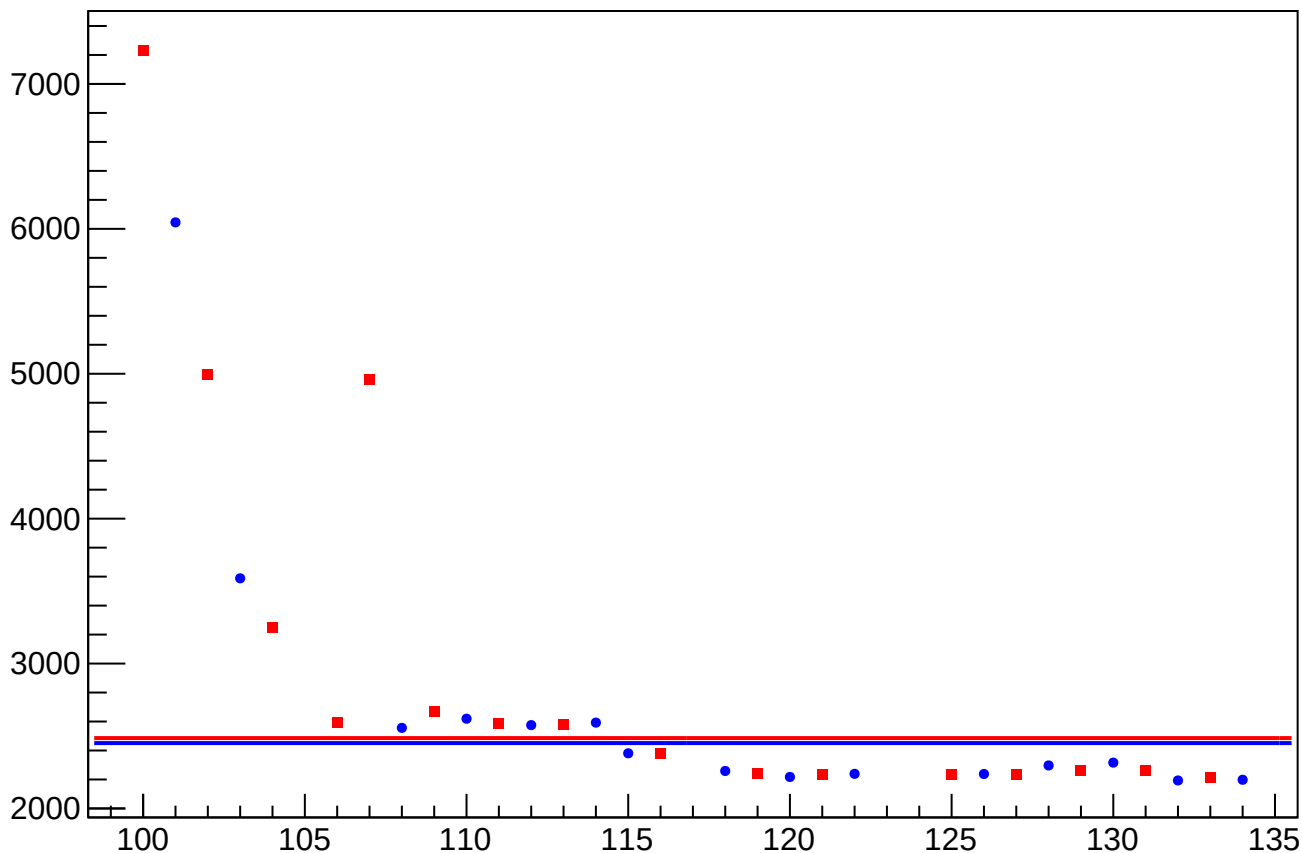
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.059+/-704.195 χ^2/NDF : 27.9/30

- 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: 2485.753+/-0.702 χ^2/NDF : 614246.4/15

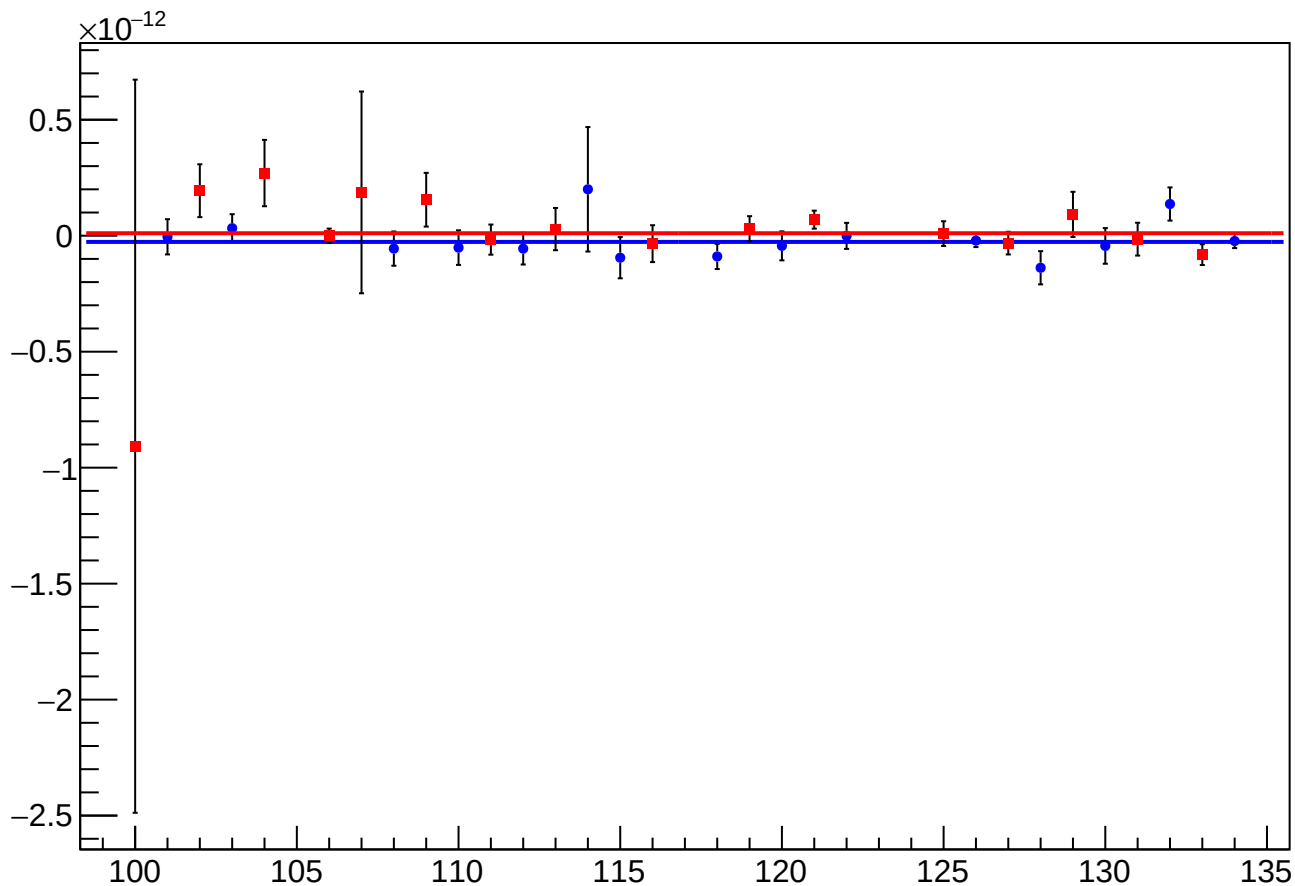
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2468.575+/-0.498 χ^2/NDF : 1268385.5/30

- 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 $\pm$ 0.000 χ^2 /NDF: 12.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.8/15

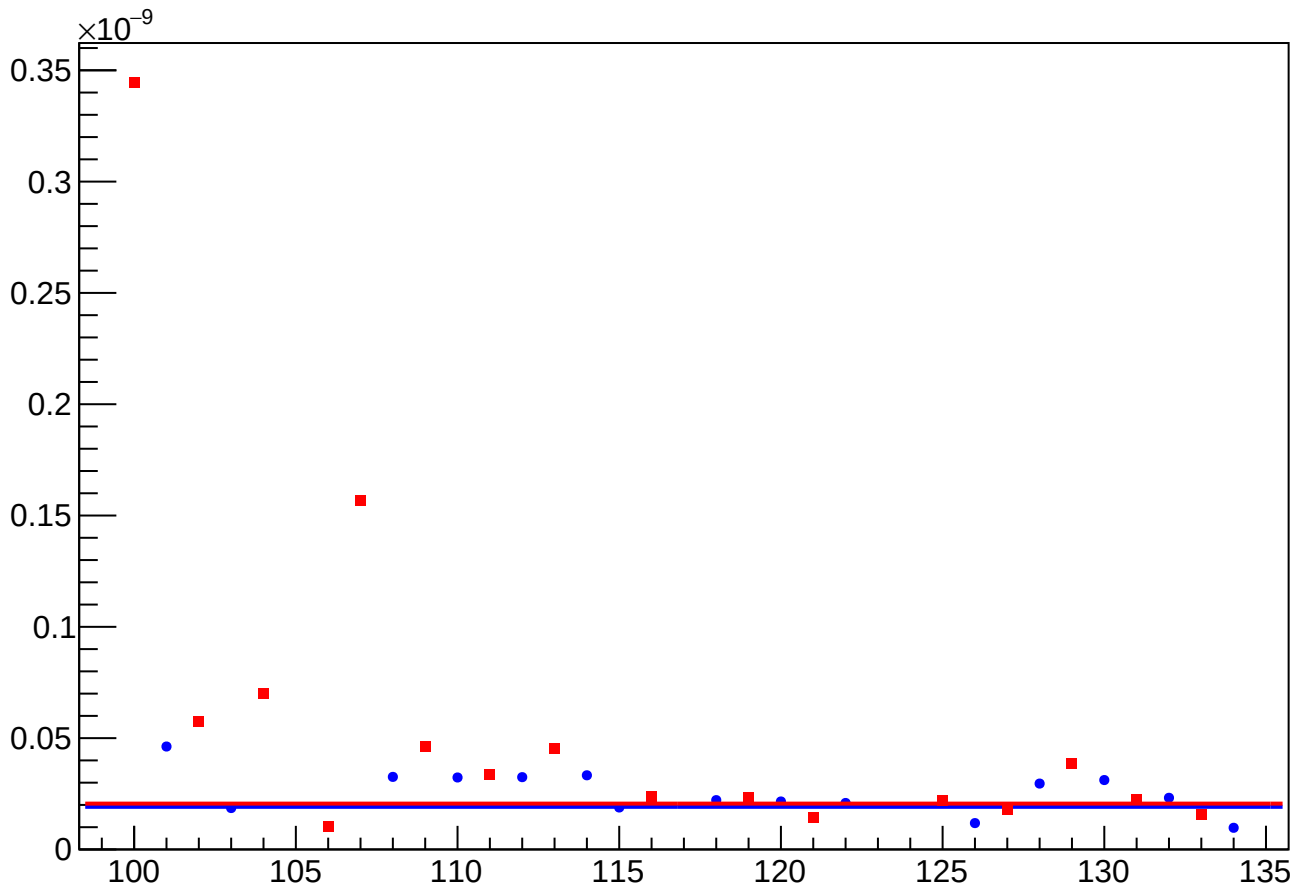
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 32.2/30

- sign 0.000 $\pm$ 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+/-0.000 χ^2/NDF : 900144.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1429566.4/15

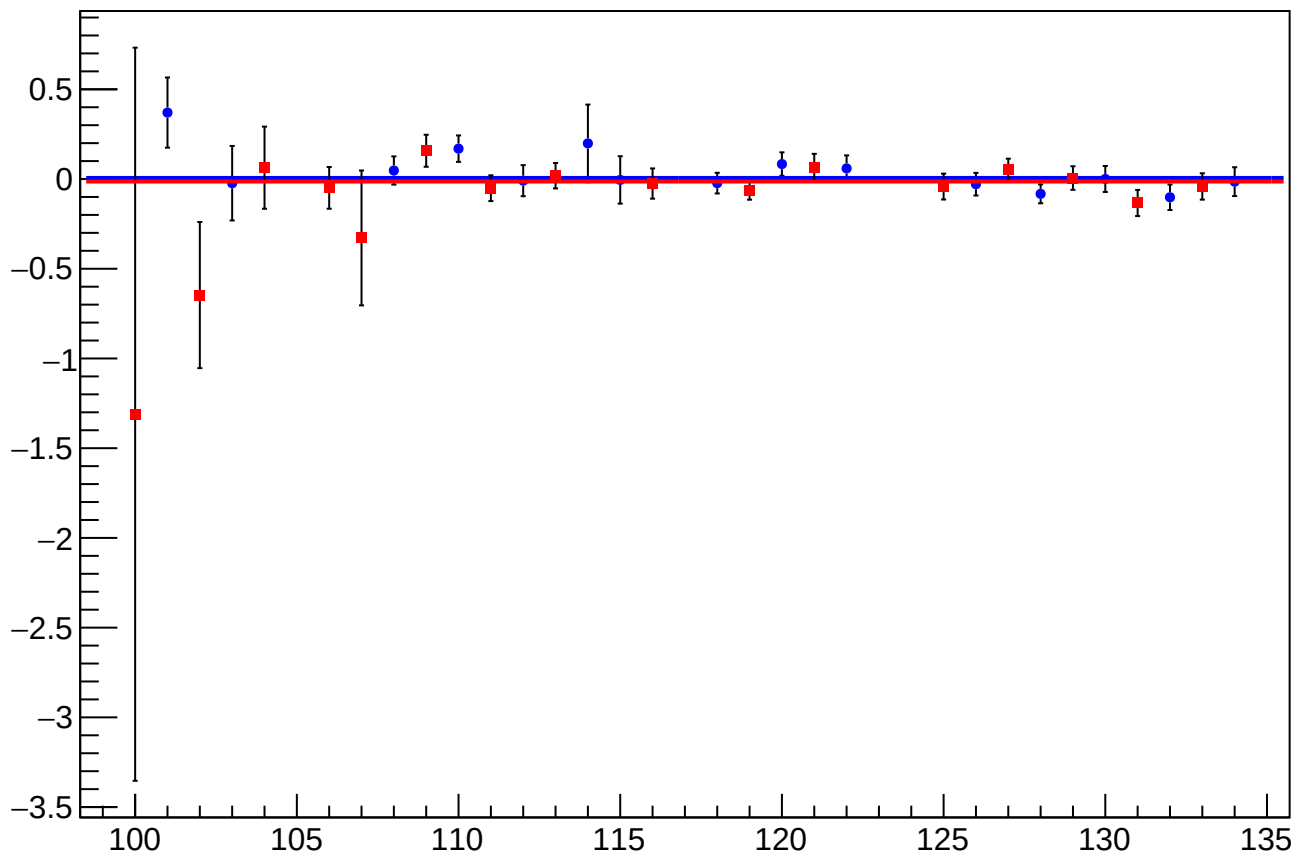
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2339312.0/30

- sign 0.000+/-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: -0.014 $\pm$ 0.021 χ^2 /NDF: 14.2/15

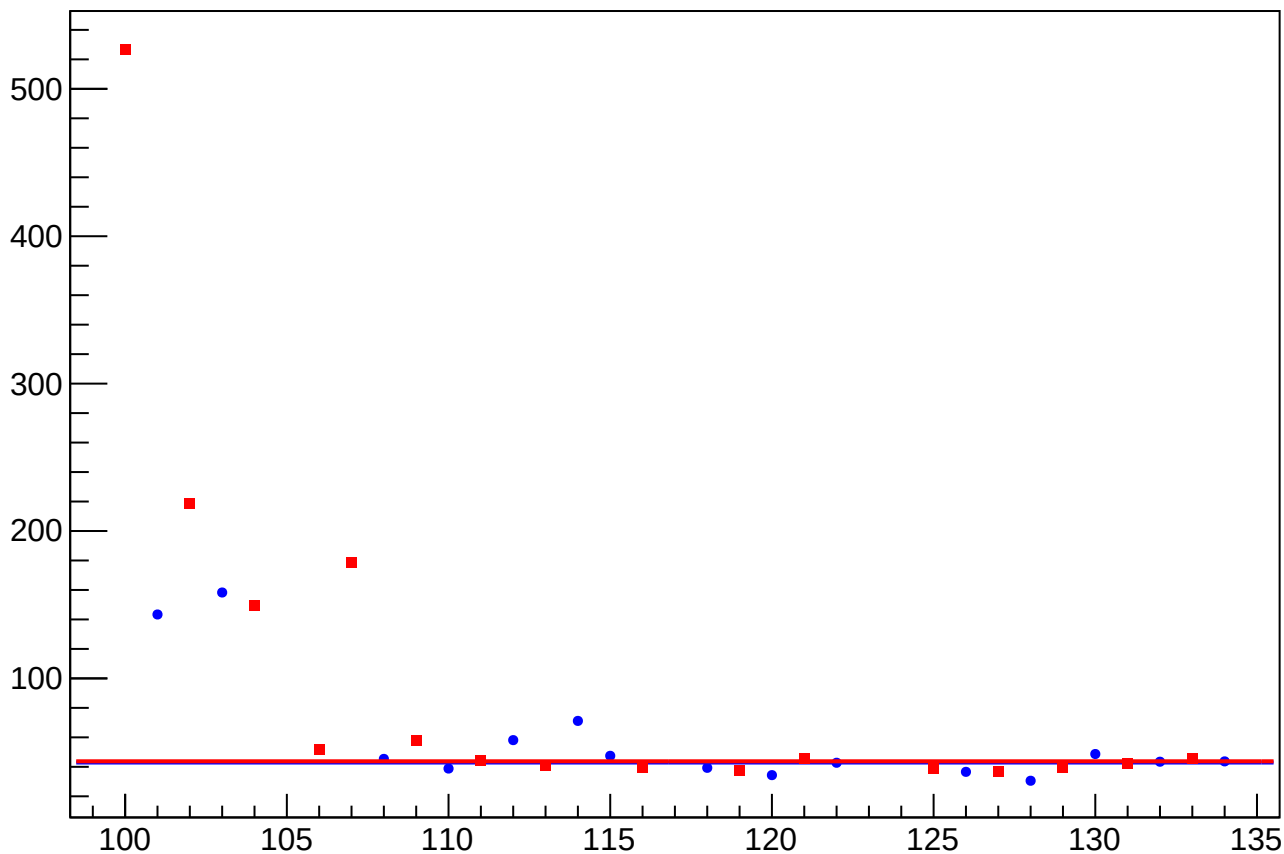
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.004 $\pm$ 0.014 χ^2 /NDF: 31.9/30

- 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: 43.764+/-0.015 χ^2/NDF : 1309066.7/15

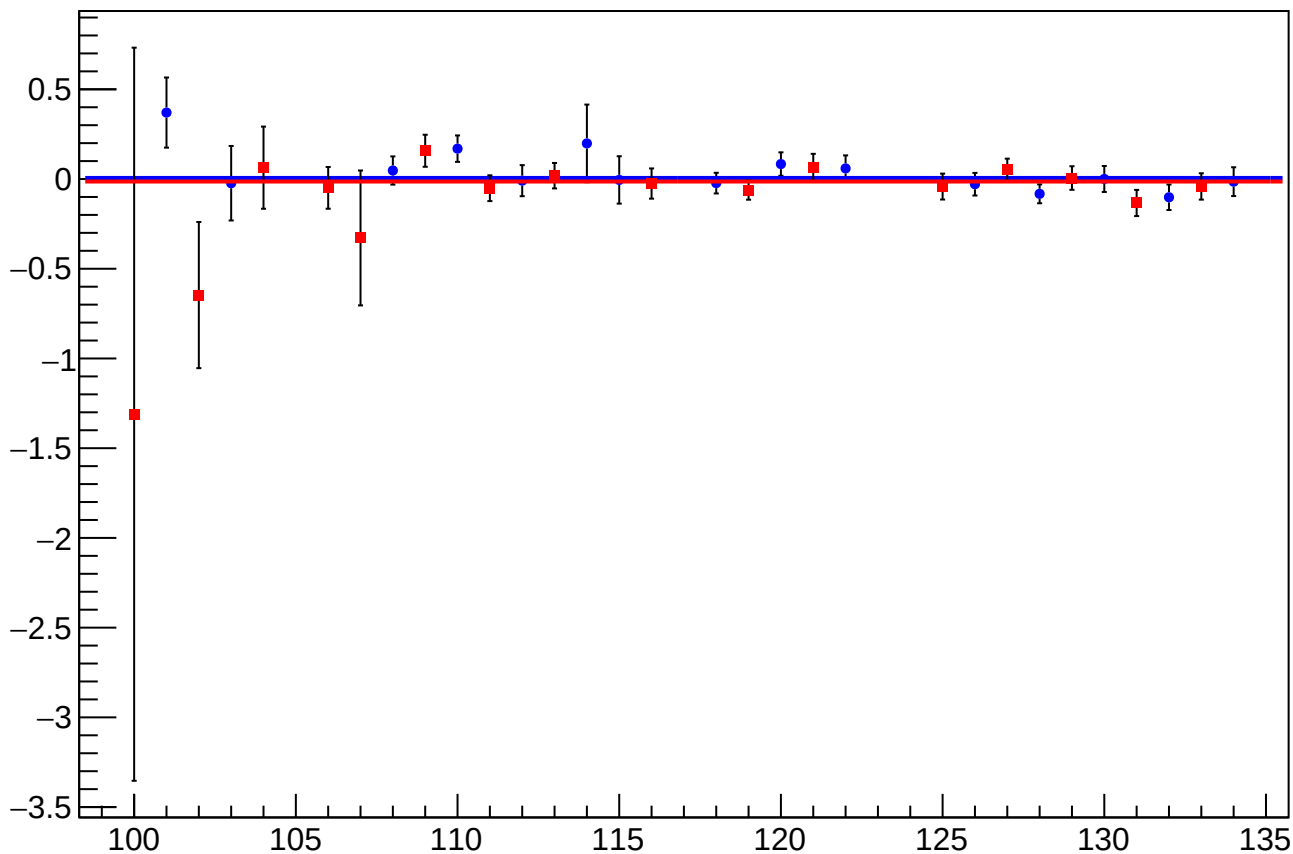
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.330+/-0.010 χ^2/NDF : 2748566.8/30

- 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 ± 0.020 χ^2/NDF : 17.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.014 ± 0.021 χ^2/NDF : 14.2/15

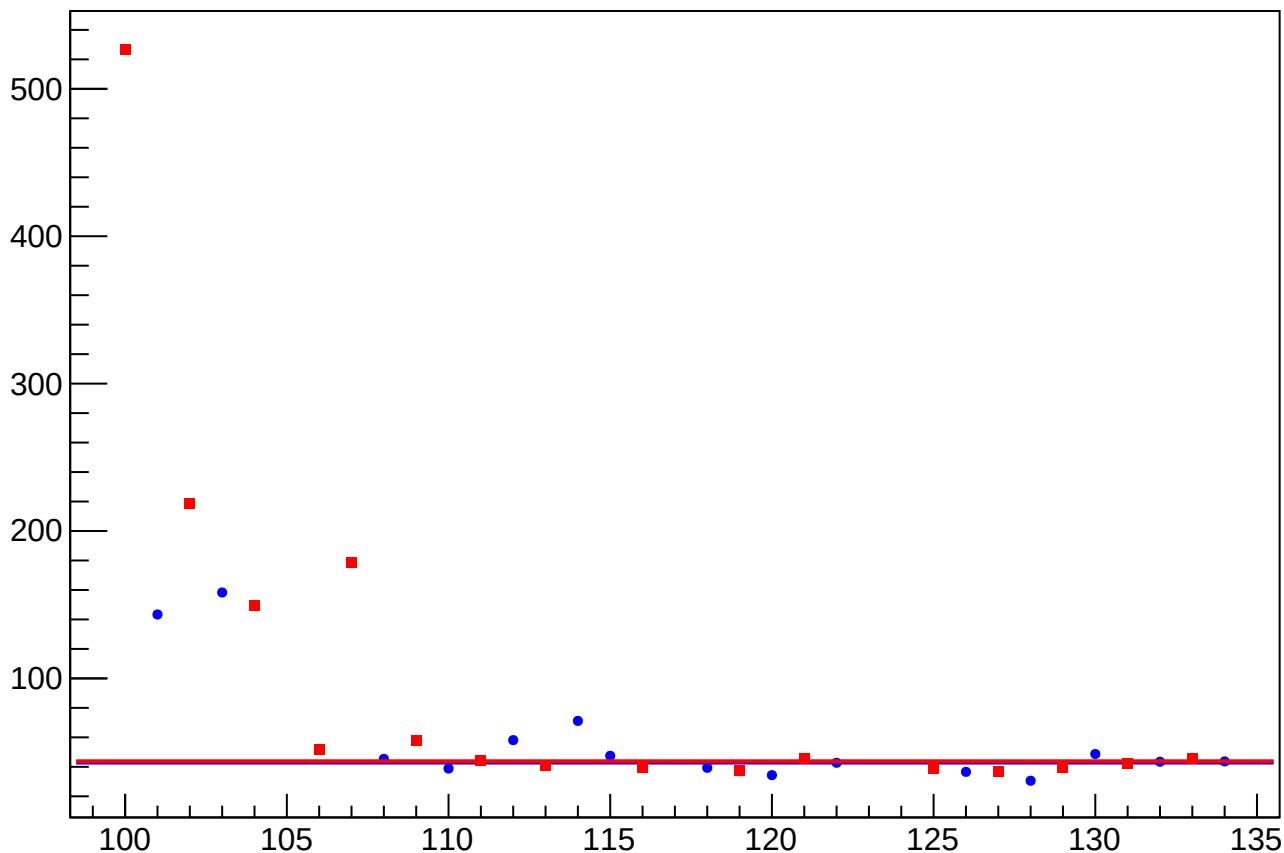
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.014 χ^2/NDF : 31.9/30

- sign 0.000 ± 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: 43.764+/-0.015 χ^2/NDF : 1309066.7/15

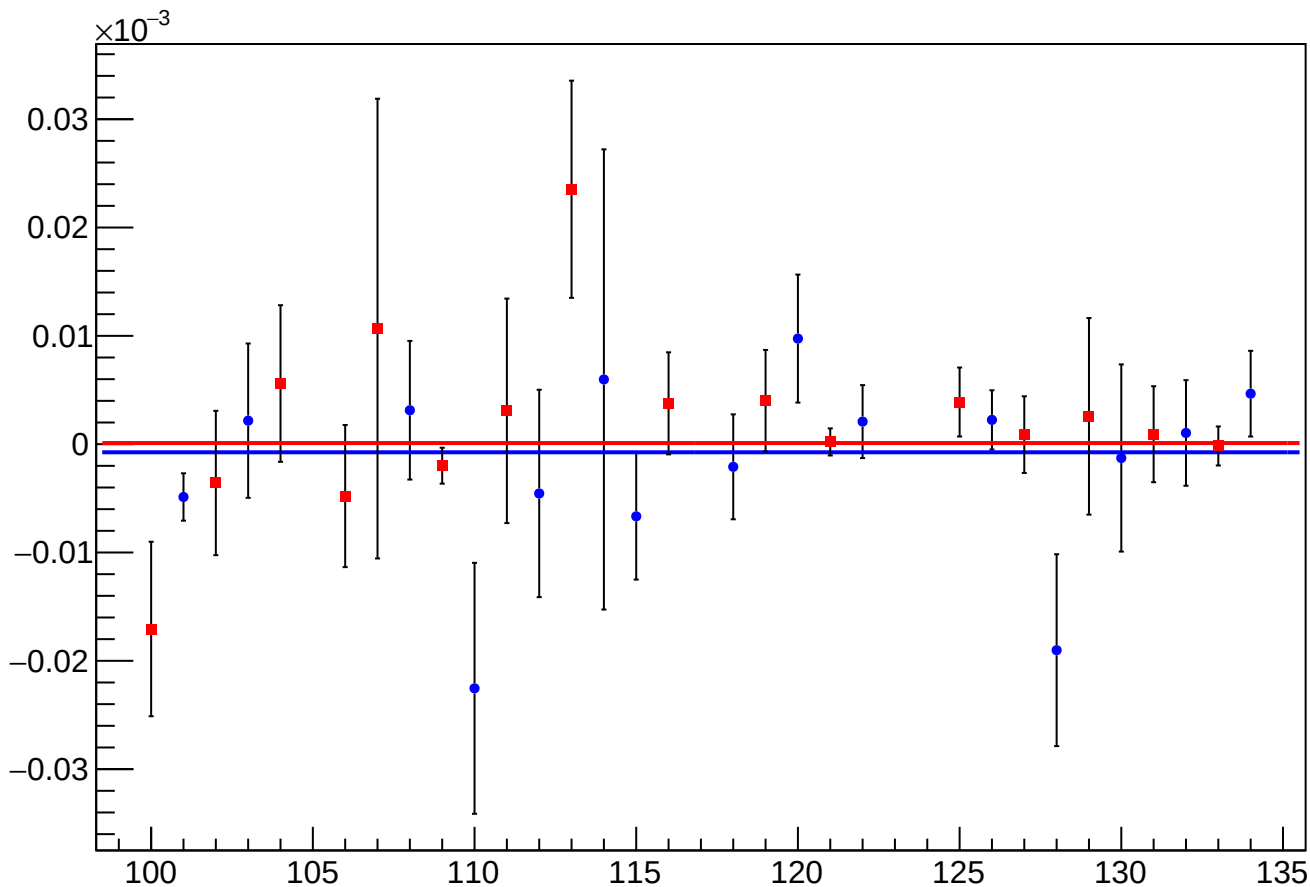
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.330+/-0.010 χ^2/NDF : 2748566.8/30

- 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 : 16.3/15

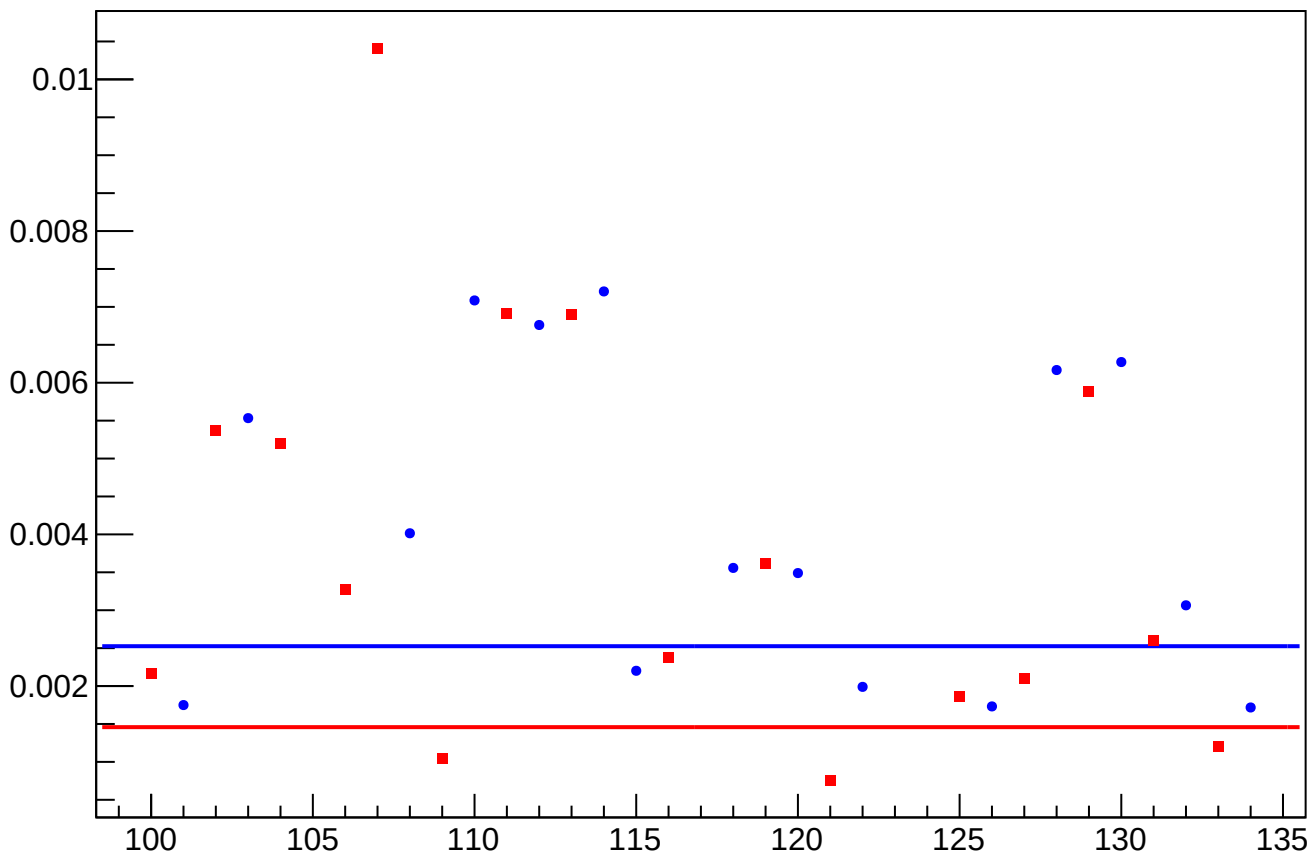
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 37.0/30

- 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 : 4905197.3/15

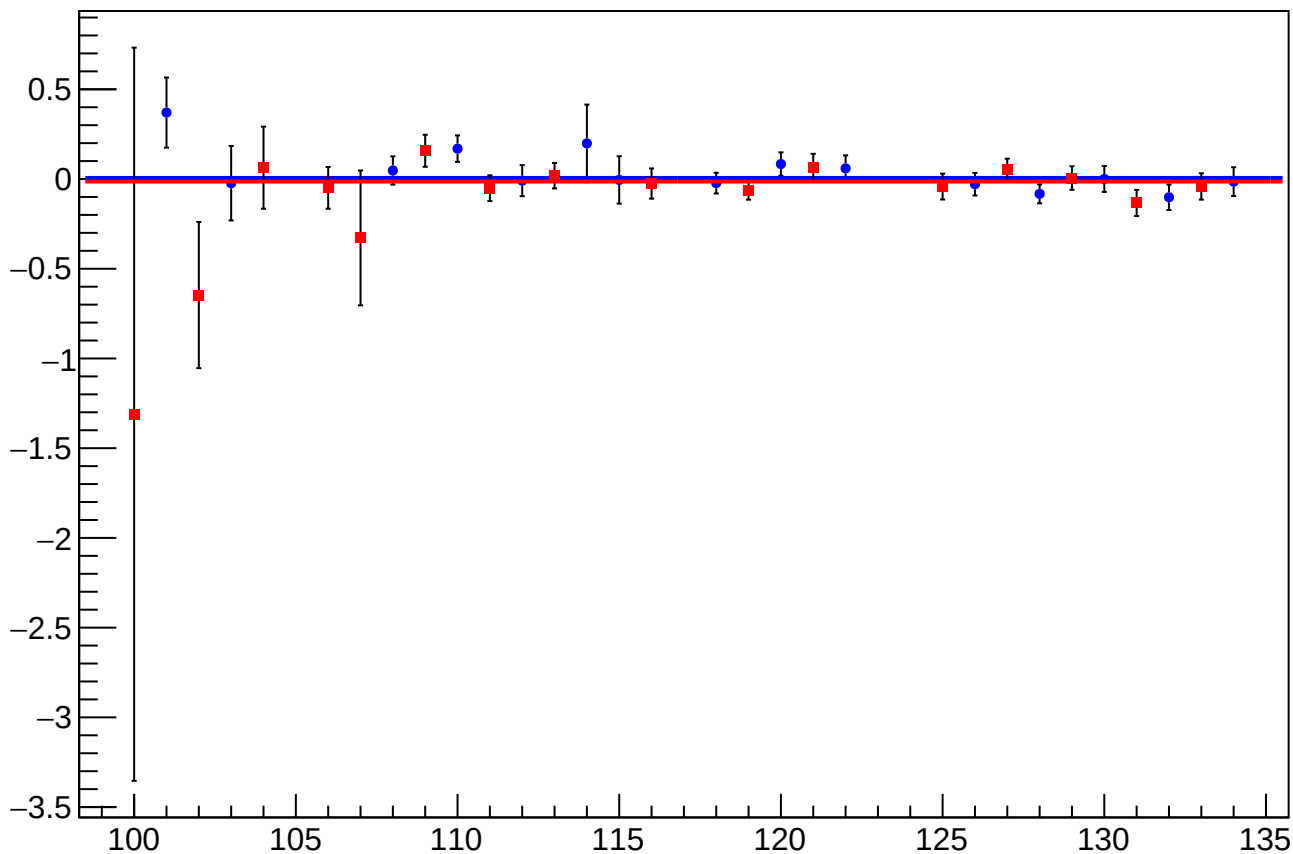
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 8784677.4/30

- 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 $\pm$ 0.020 χ^2 /NDF: 17.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.014 $\pm$ 0.021 χ^2 /NDF: 14.2/15

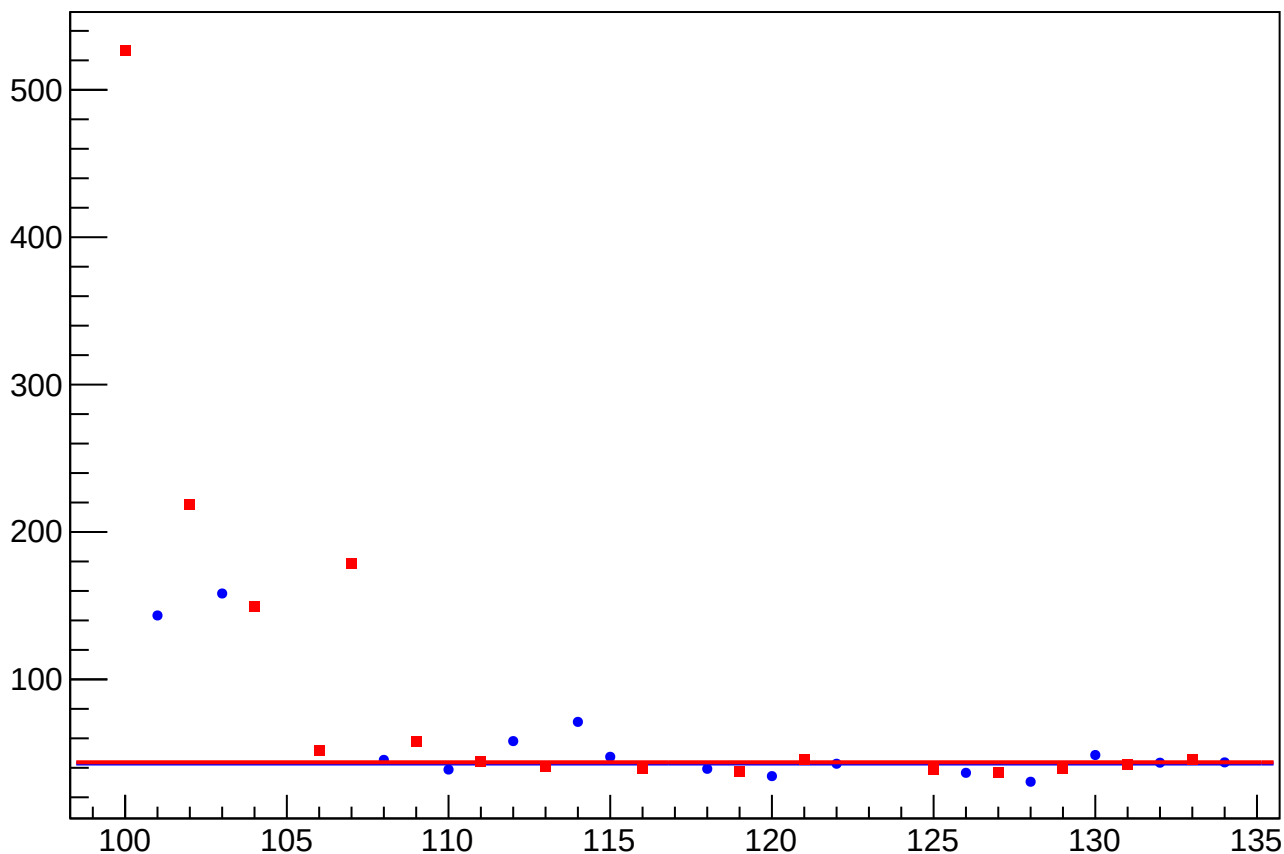
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.004 $\pm$ 0.014 χ^2 /NDF: 31.9/30

- sign 0.000 $\pm$ 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: 43.765+/-0.015 χ^2/NDF : 1309036.8/15

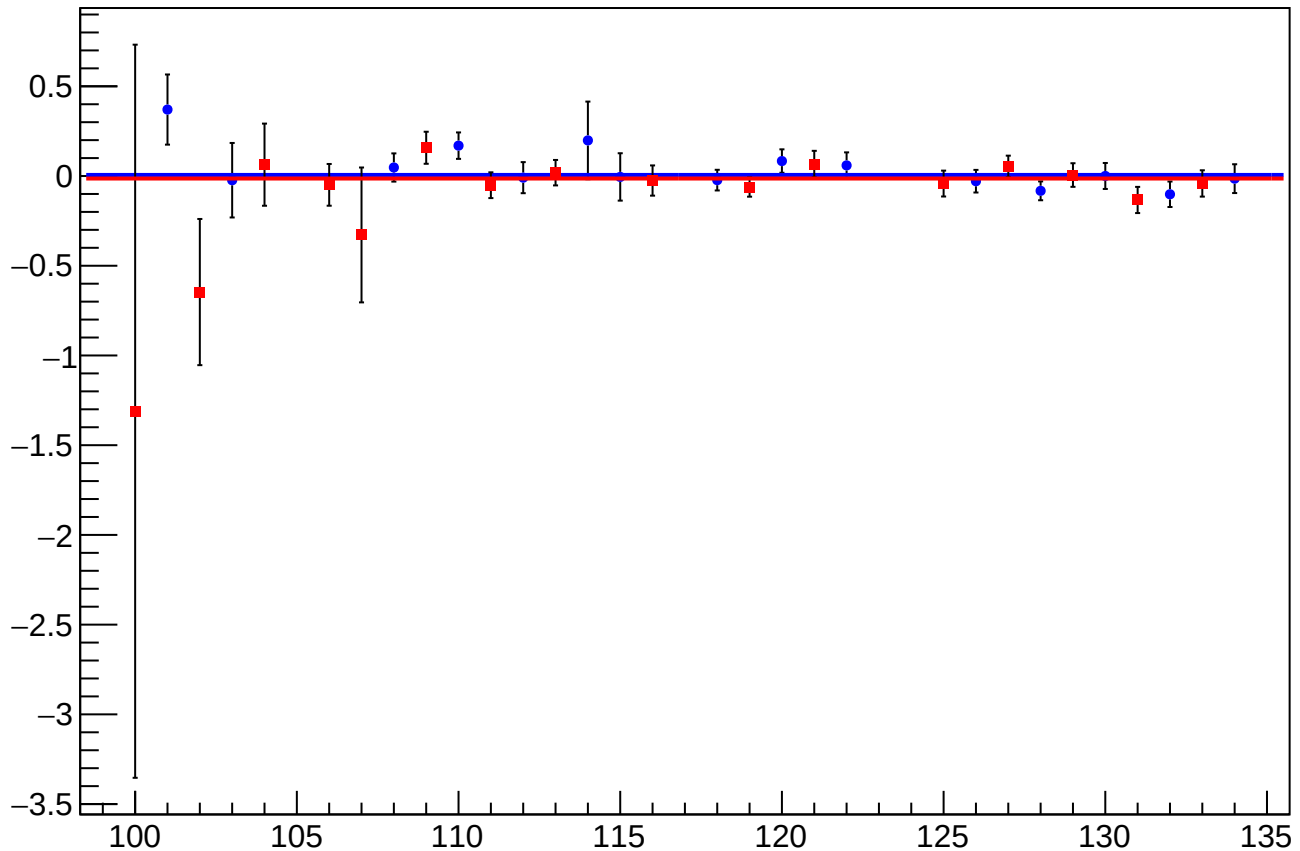
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.328+/-0.010 χ^2/NDF : 2748790.4/30

- 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+/-0.020 χ^2/NDF : 17.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.021 χ^2/NDF : 14.2/15

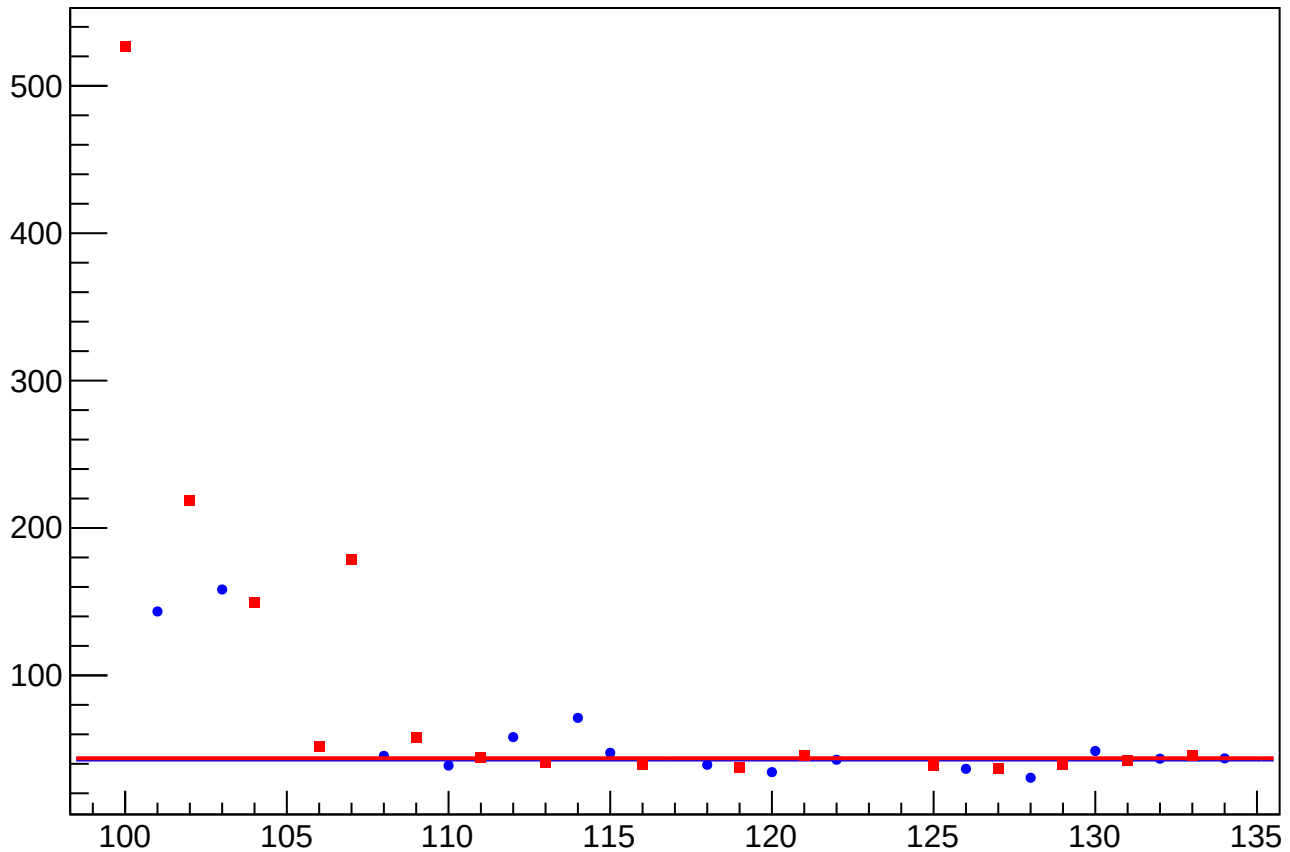
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.014 χ^2/NDF : 31.9/30

- sign 0.000+/-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: 43.765+/-0.015 χ^2/NDF : 1309036.8/15

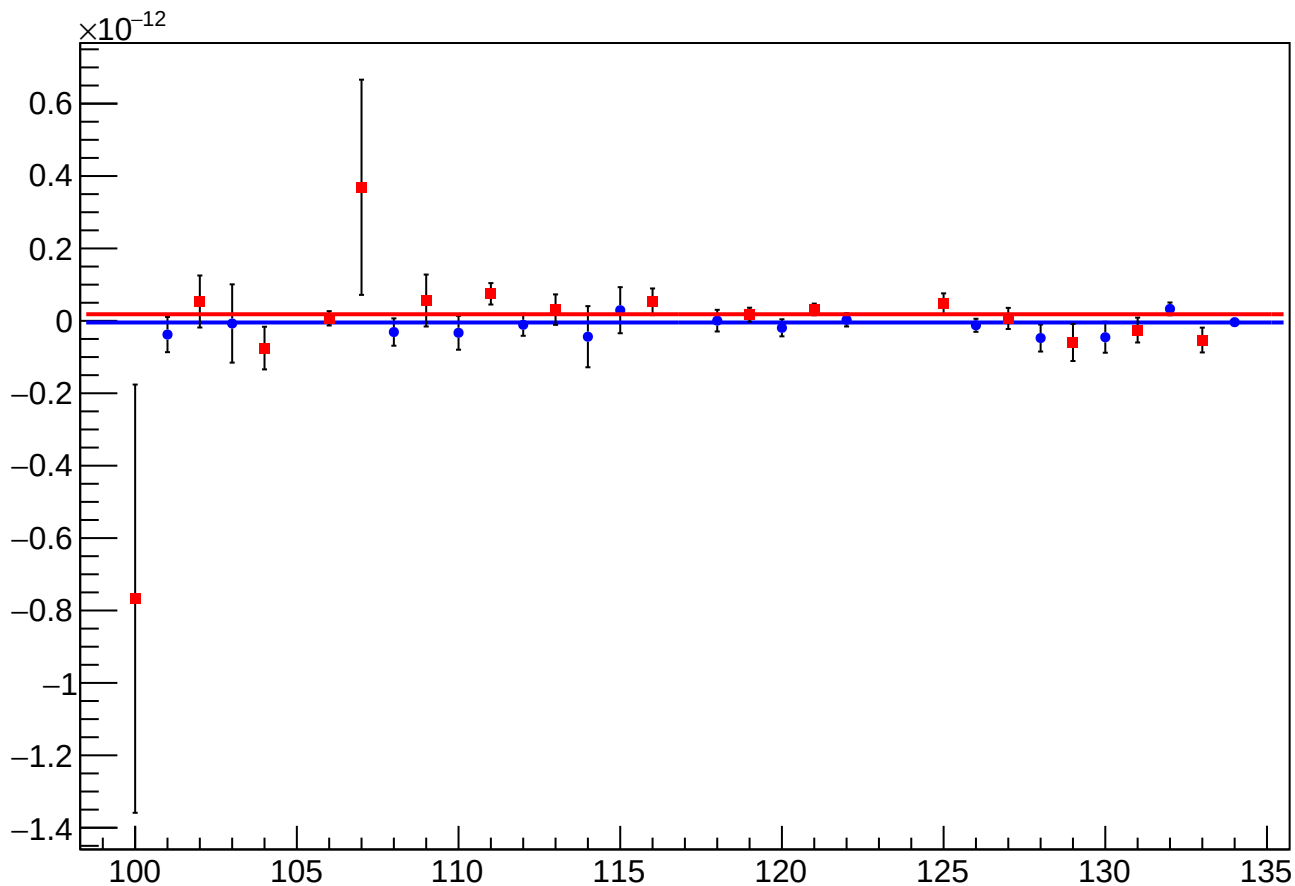
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.328+/-0.010 χ^2/NDF : 2748790.4/30

- 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 $\pm$ 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: 21.3/15

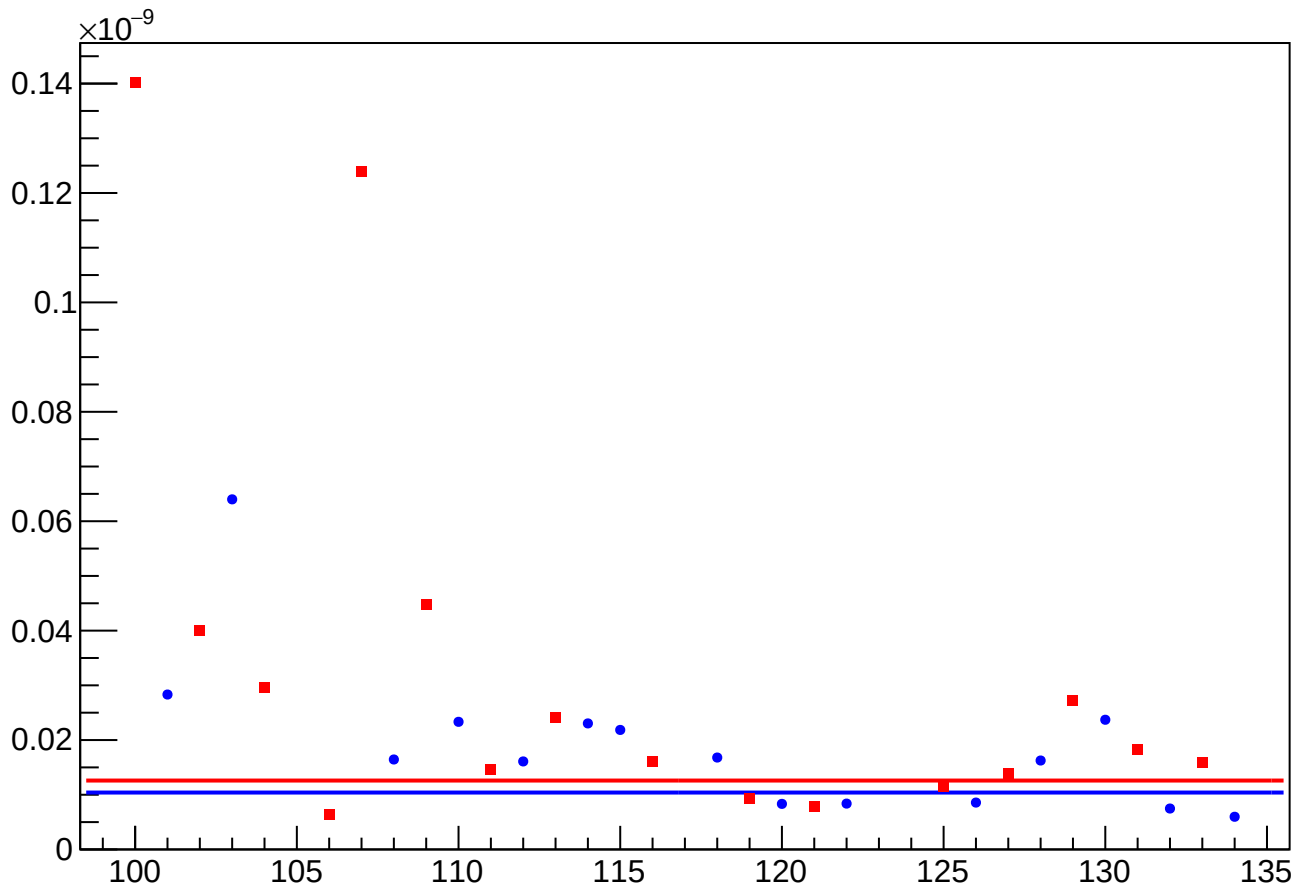
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 35.7/30

- sign 0.000 $\pm$ 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+/-0.000 χ^2/NDF : 1833722.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2079330.2/15

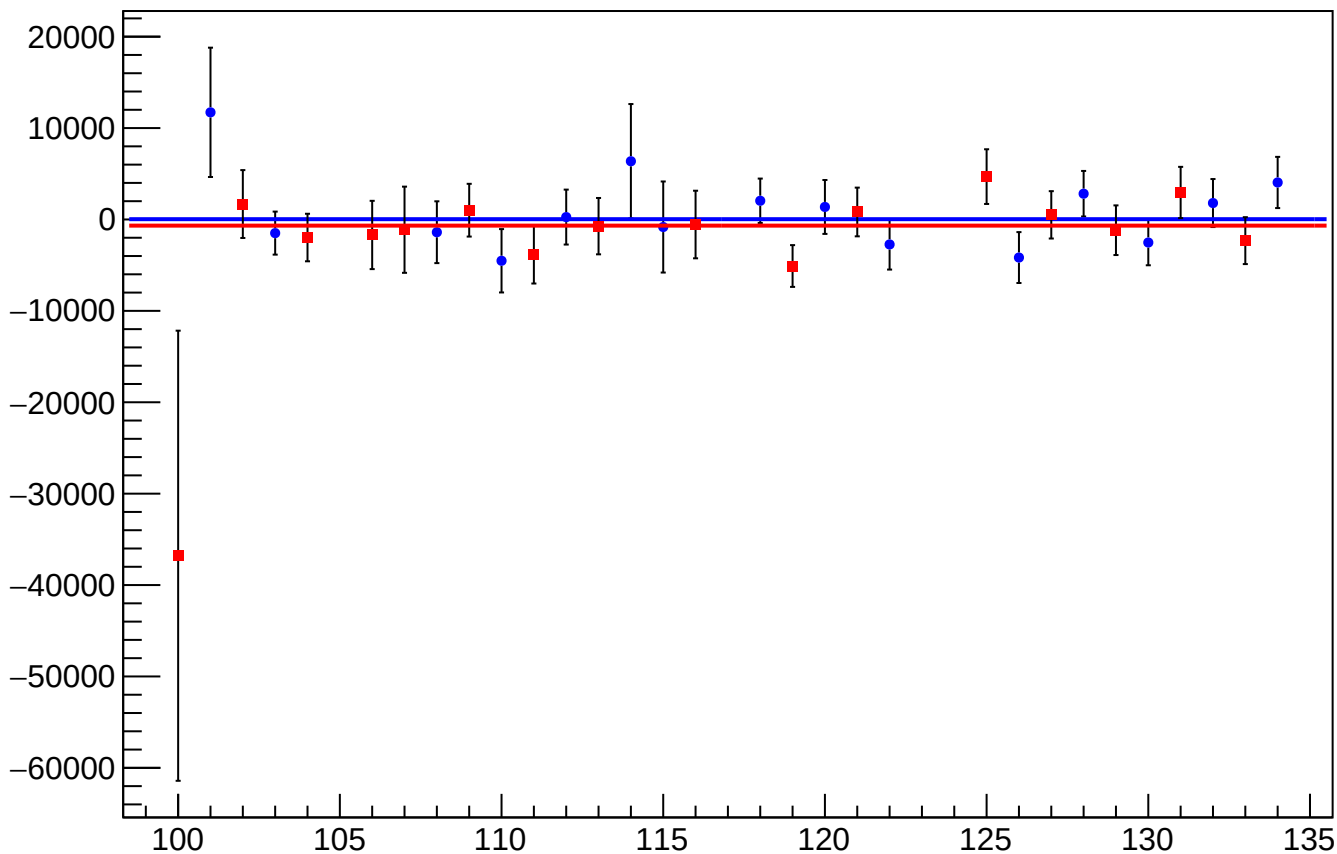
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4005663.1/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: 31.795+/-769.553 χ^2/NDF : 15.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -673.627+/-757.324 χ^2/NDF : 13.8/15

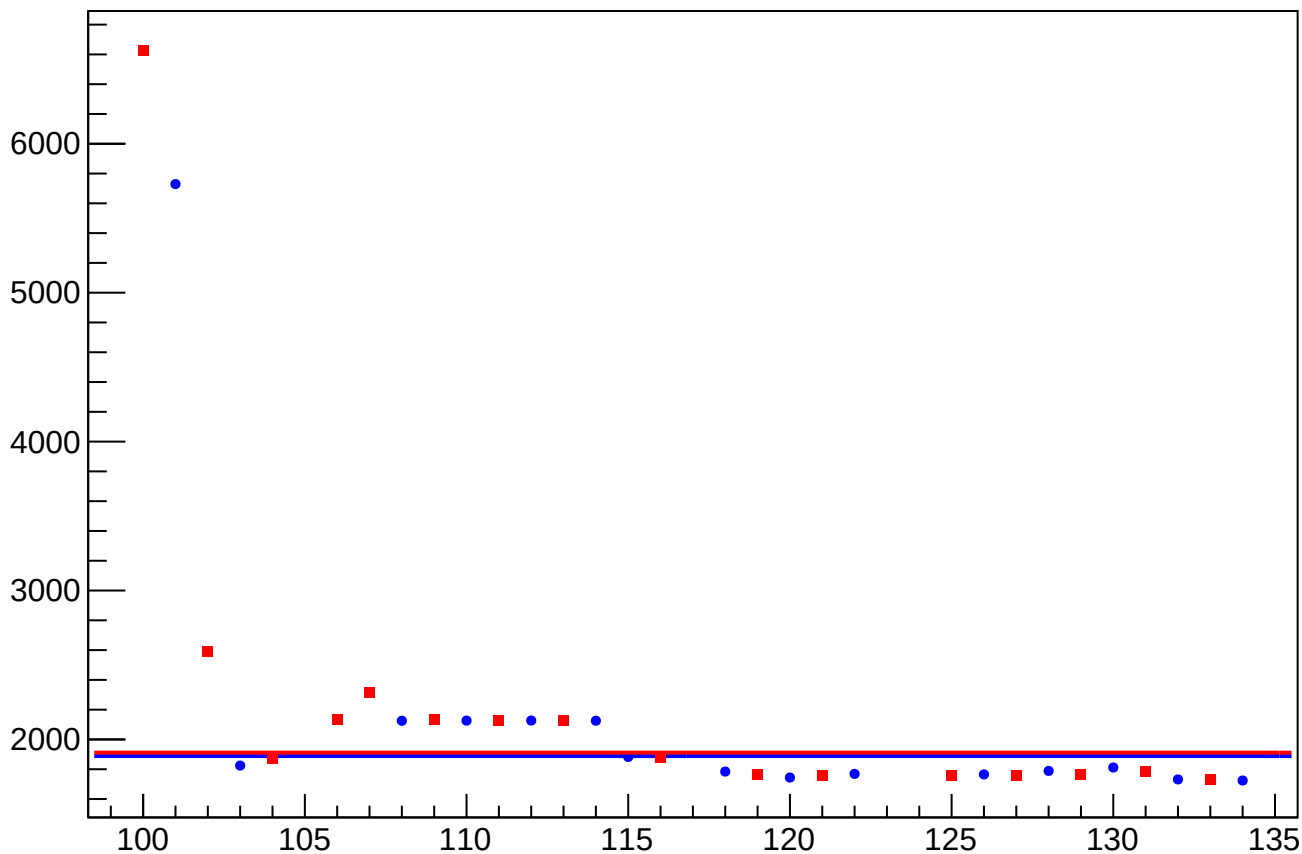
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -326.566+/-539.781 χ^2/NDF : 29.3/30

- sign 0.000+/-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: 1911.334+/-0.536 χ^2/NDF : 241256.4/15

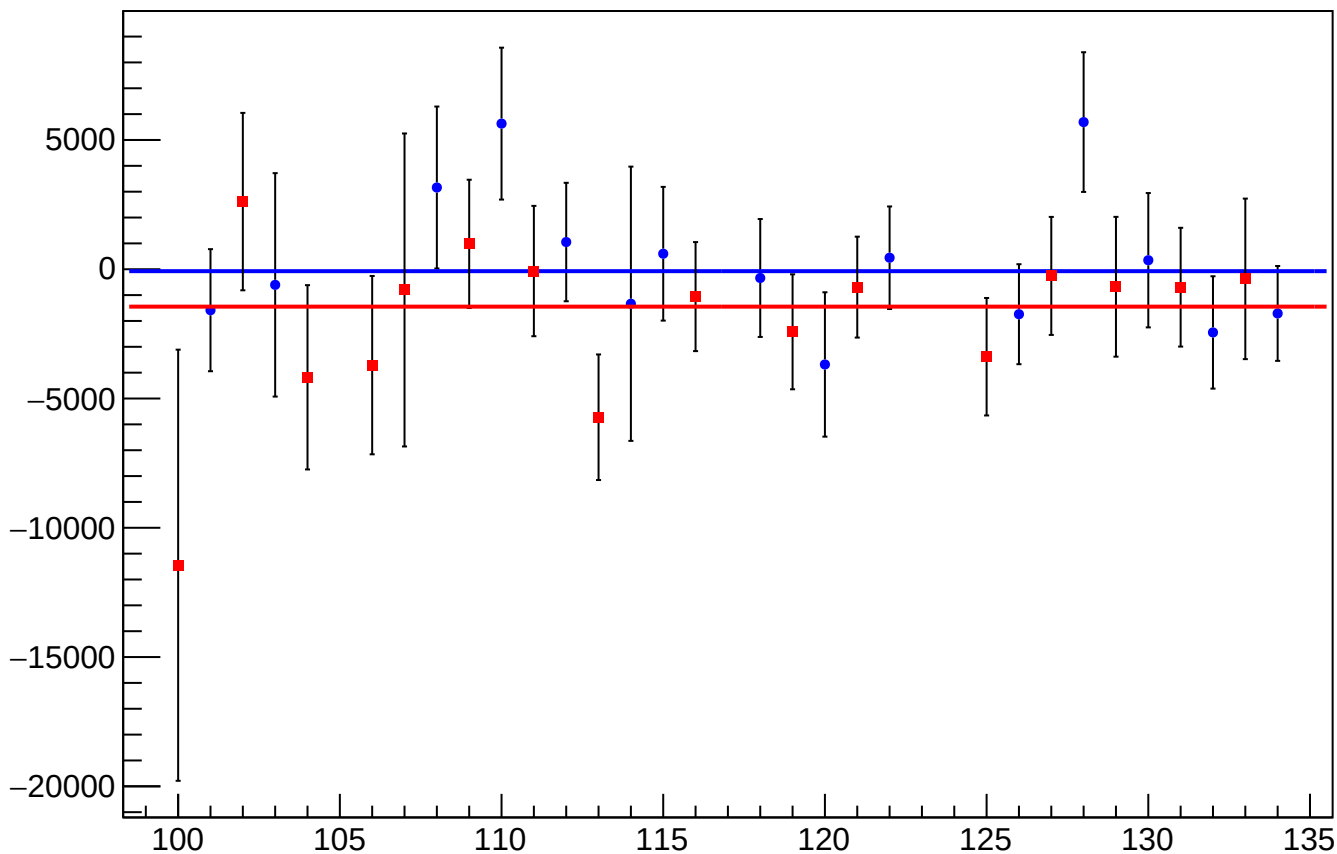
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1900.071+/-0.382 χ^2/NDF : 902981.8/30

- 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: -1446.079 ± 661.639 χ^2/NDF : 9.9/15

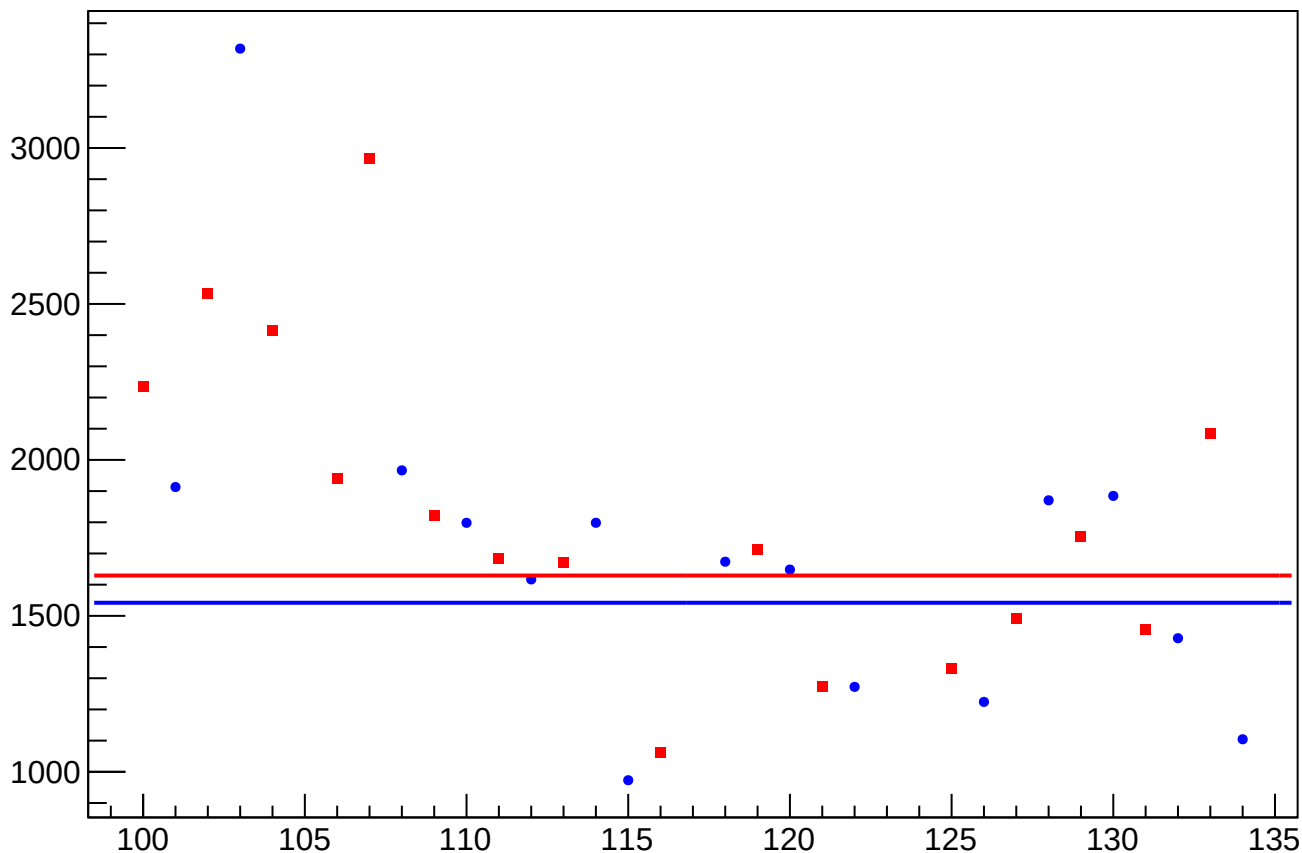
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -734.191 ± 458.973 χ^2/NDF : 26.8/30

- 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+/-0.451 χ^2/NDF : 827259.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1629.304+/-0.468 χ^2/NDF : 688045.7/15

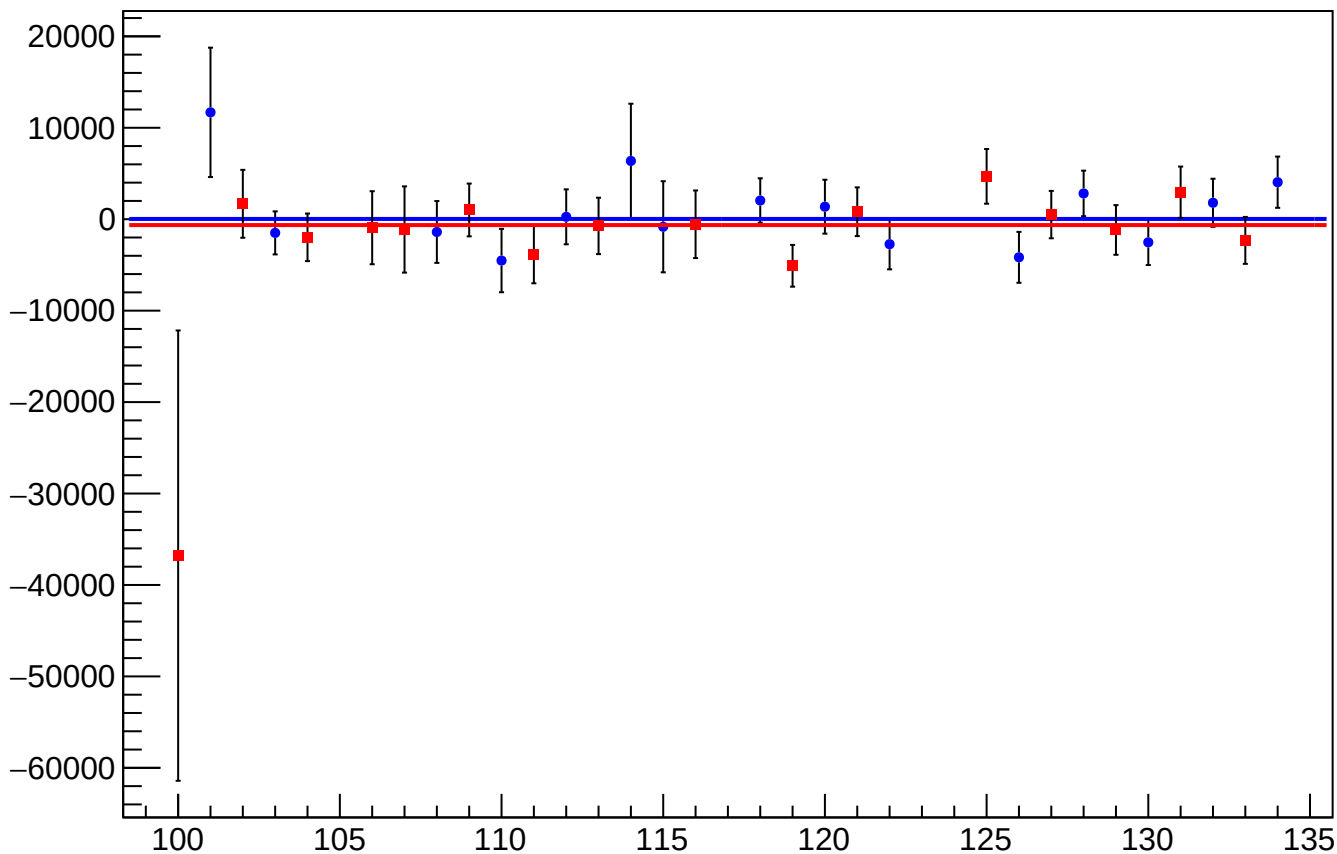
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1584.016+/-0.325 χ^2/NDF : 1533367.3/30

- sign 0.000+/-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: -641.349+/-759.282 χ^2/NDF : 13.7/15

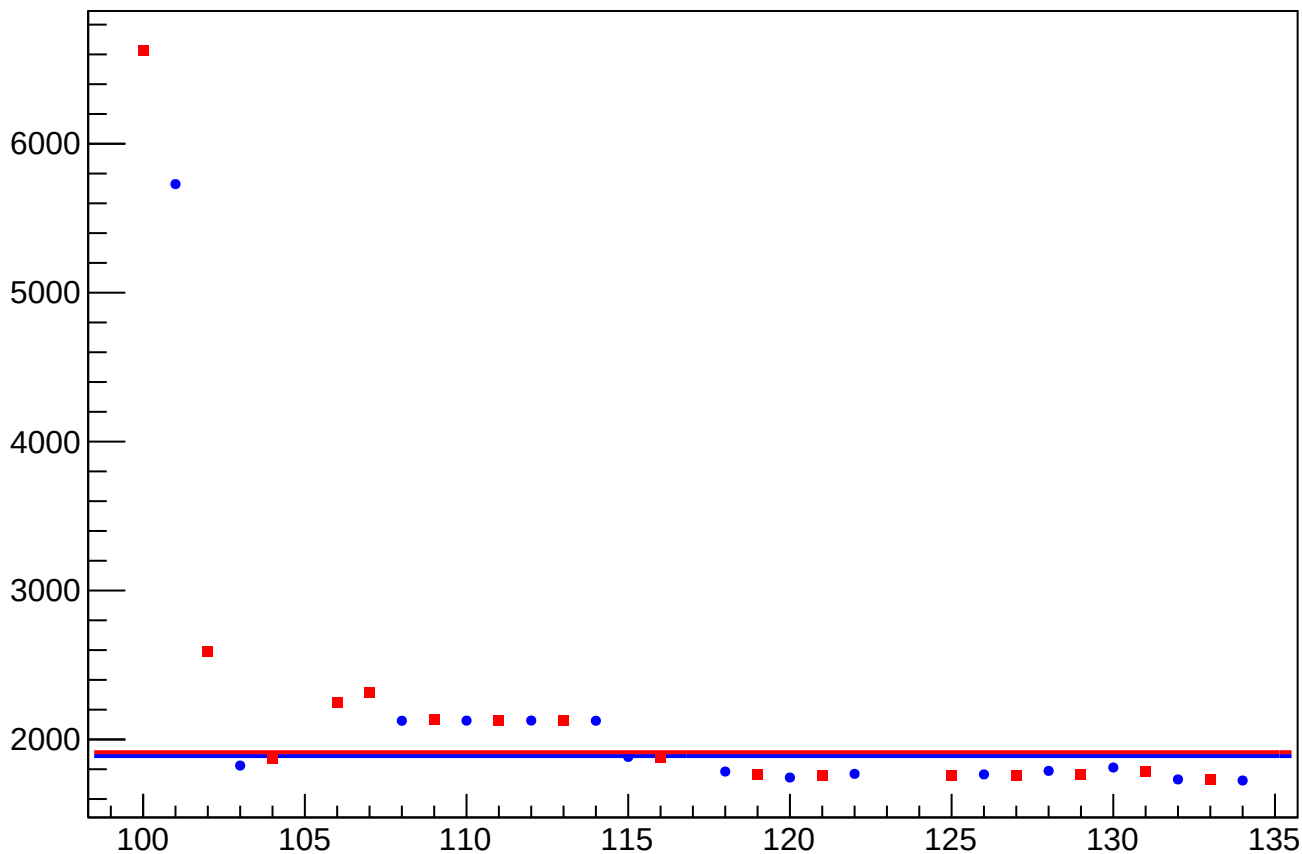
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -309.742+/-540.488 χ^2/NDF : 29.2/30

- 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: 1914.406+/-0.537 χ^2/NDF : 248522.1/15

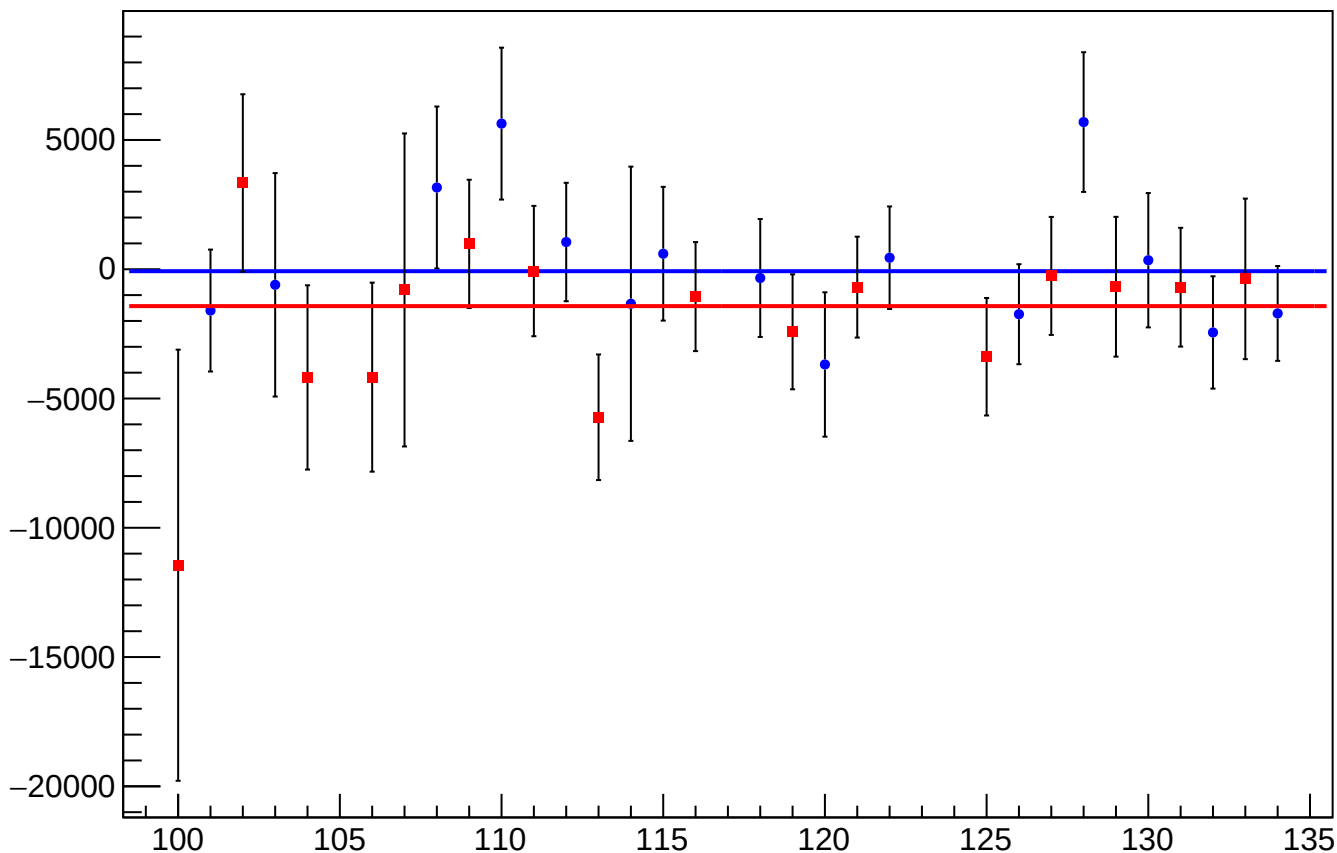
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1901.598+/-0.382 χ^2/NDF : 910501.9/30

- 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: -1425.800 ± 662.982 χ^2/NDF : 10.6/15

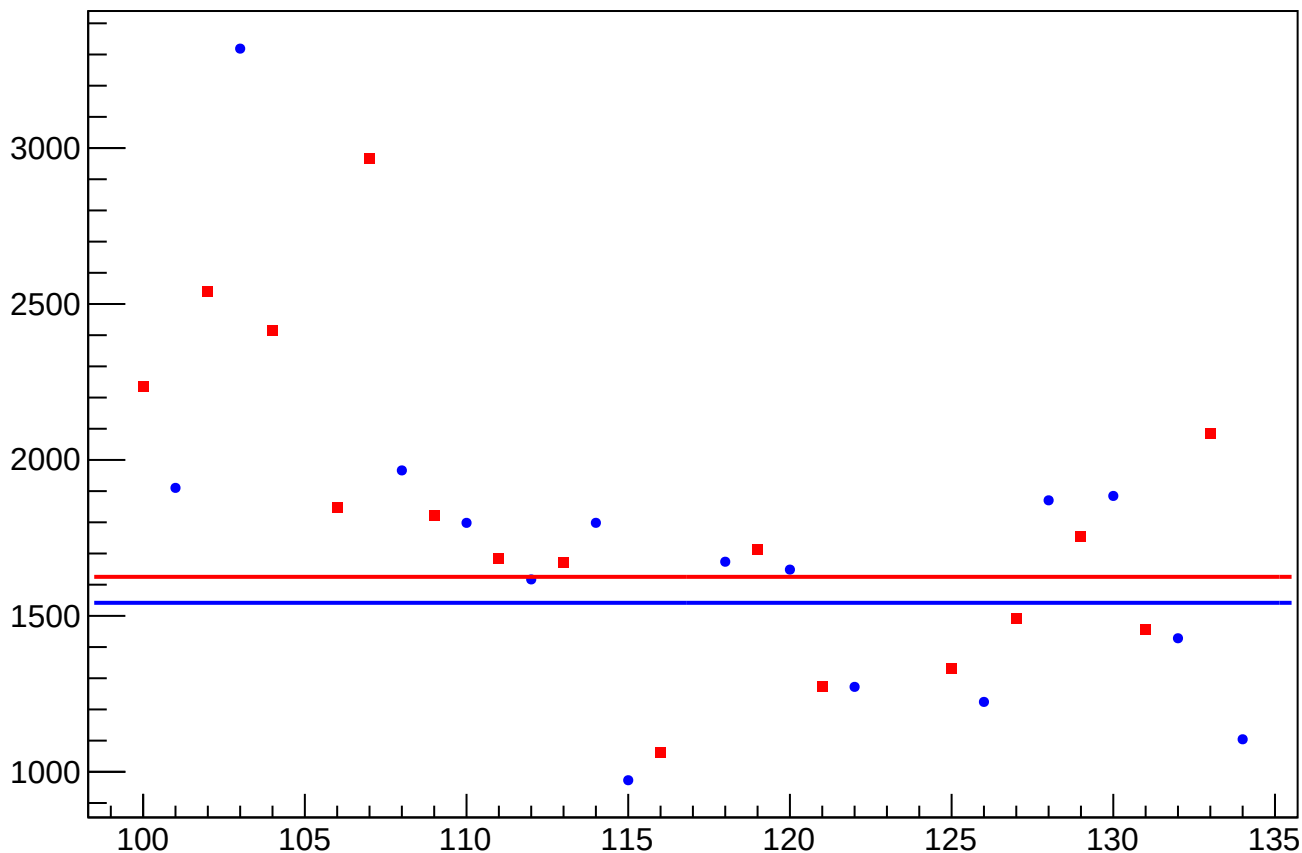
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -723.648 ± 459.395 χ^2/NDF : 27.4/30

- 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: 1625.152+/-0.469 χ^2 /NDF: 680506.8/15

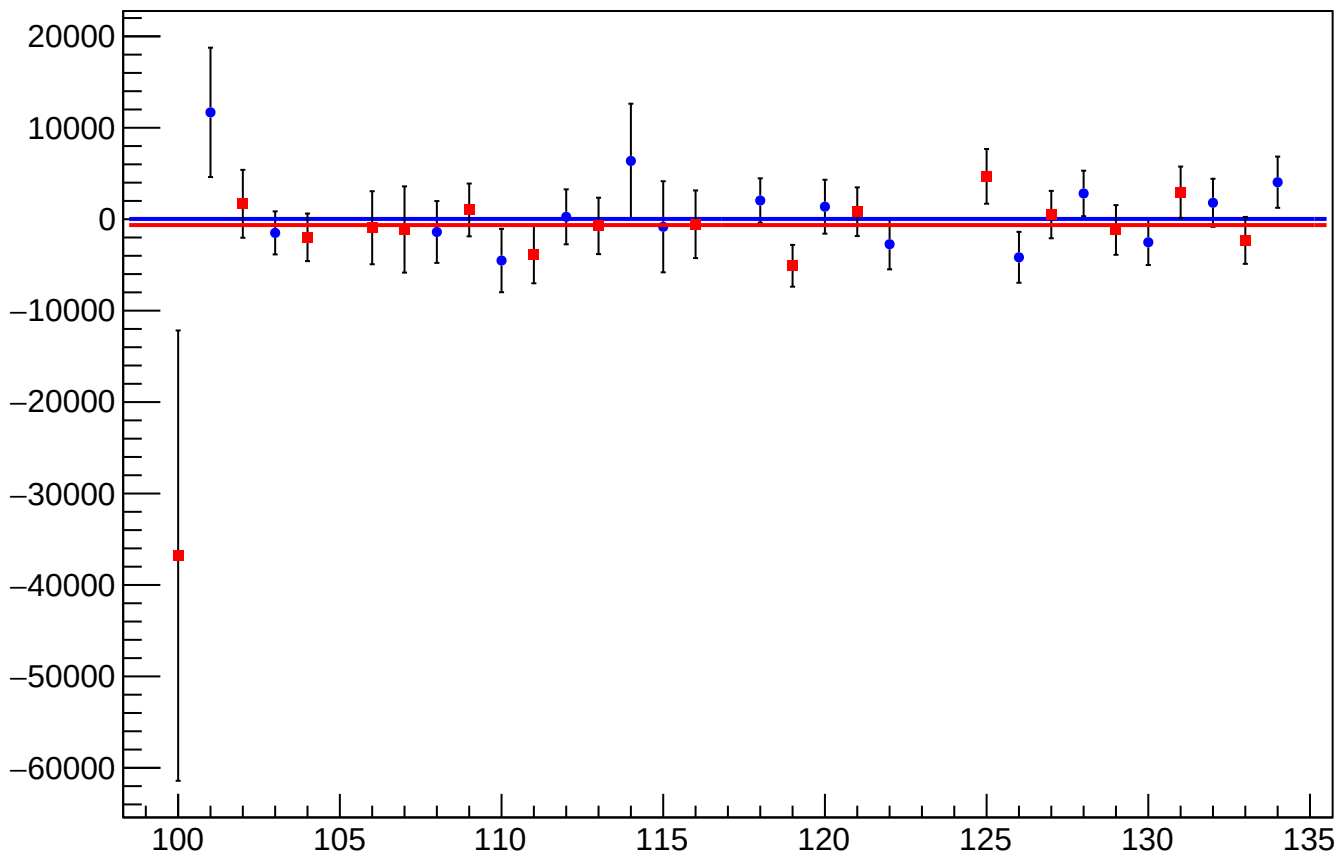
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1581.861+/-0.325 χ^2 /NDF: 1523679.1/30

- 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: -641.349+/-759.282 χ^2/NDF : 13.7/15

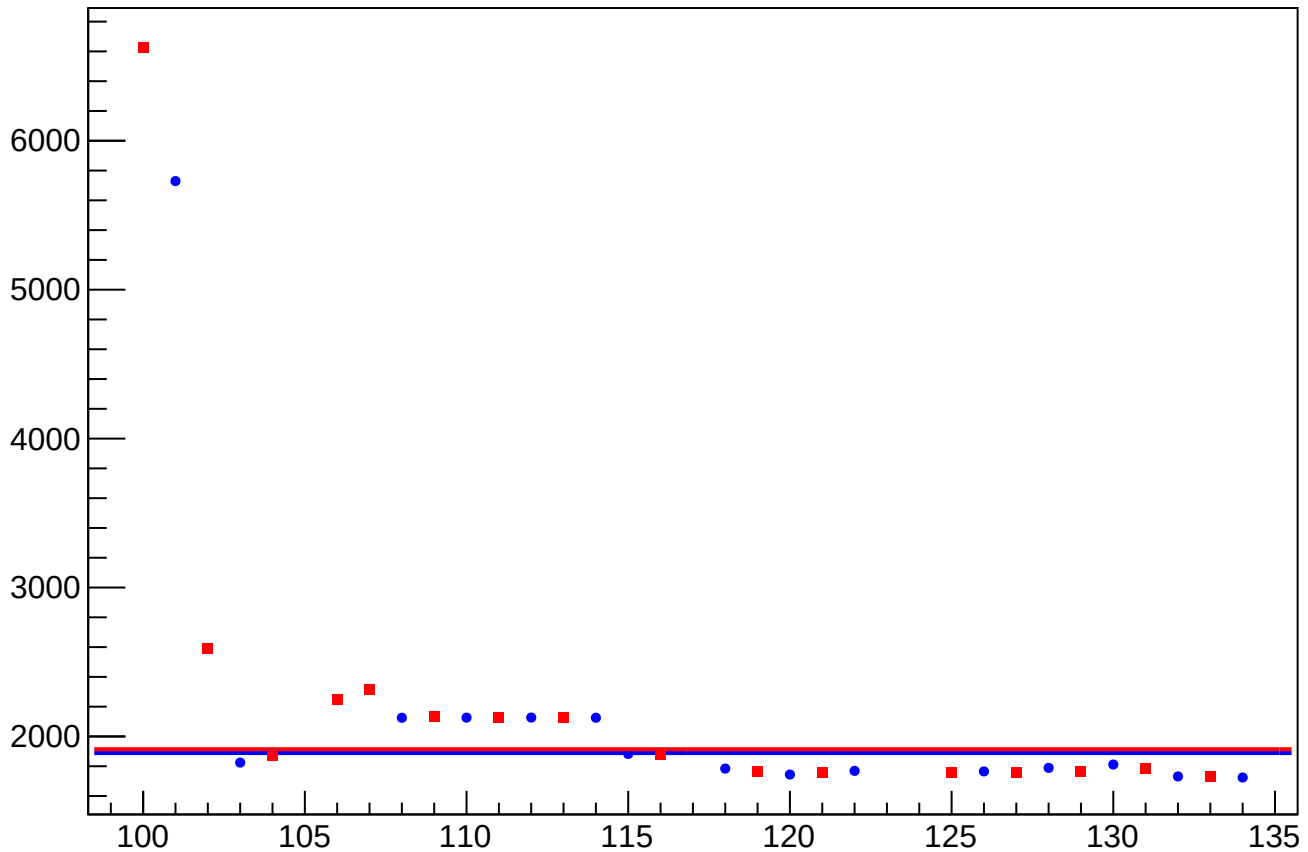
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -309.742+/-540.488 χ^2/NDF : 29.2/30

- 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: 1914.406+/-0.537 χ^2/NDF : 248522.1/15

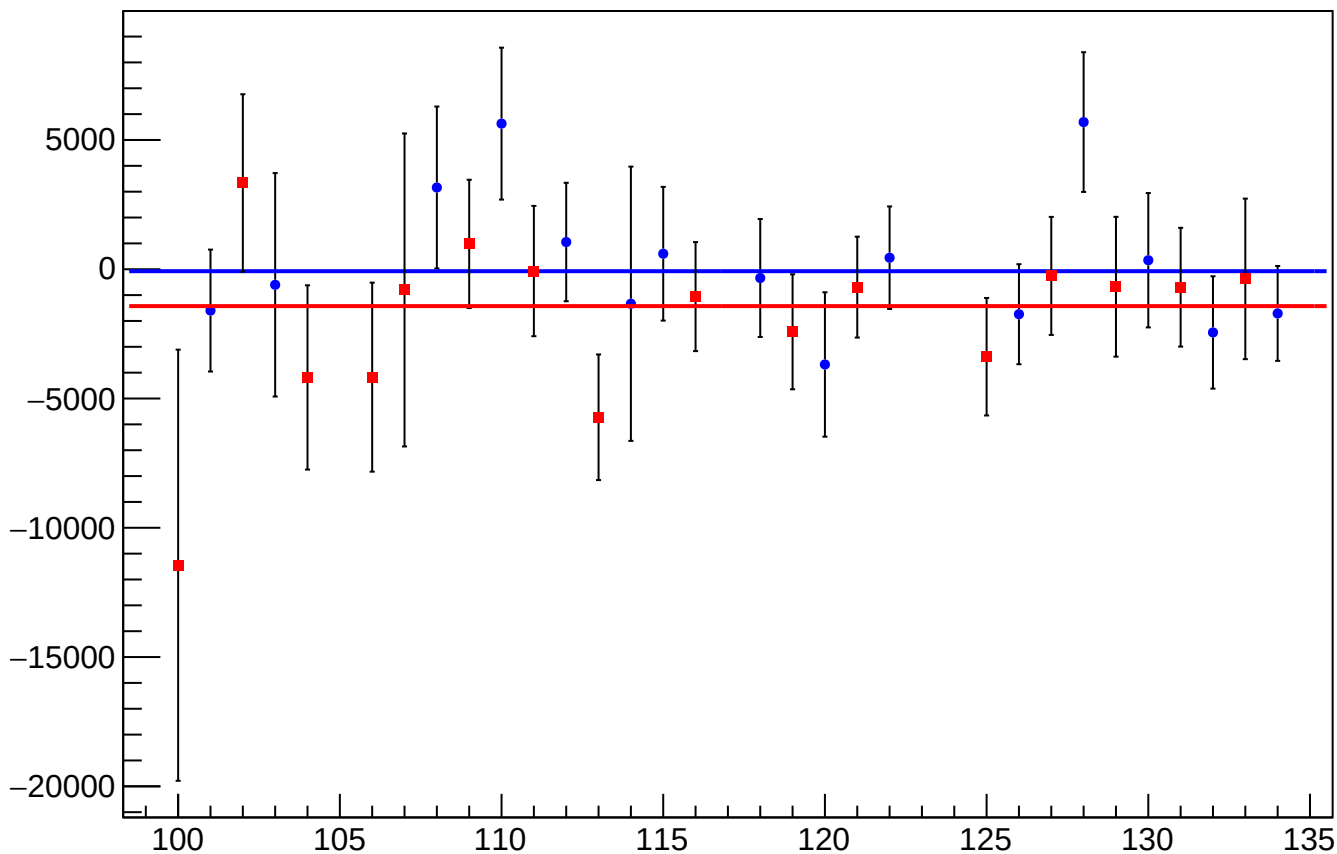
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1901.598+/-0.382 χ^2/NDF : 910501.9/30

- 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: -1425.800+/-662.982 χ^2/NDF : 10.6/15

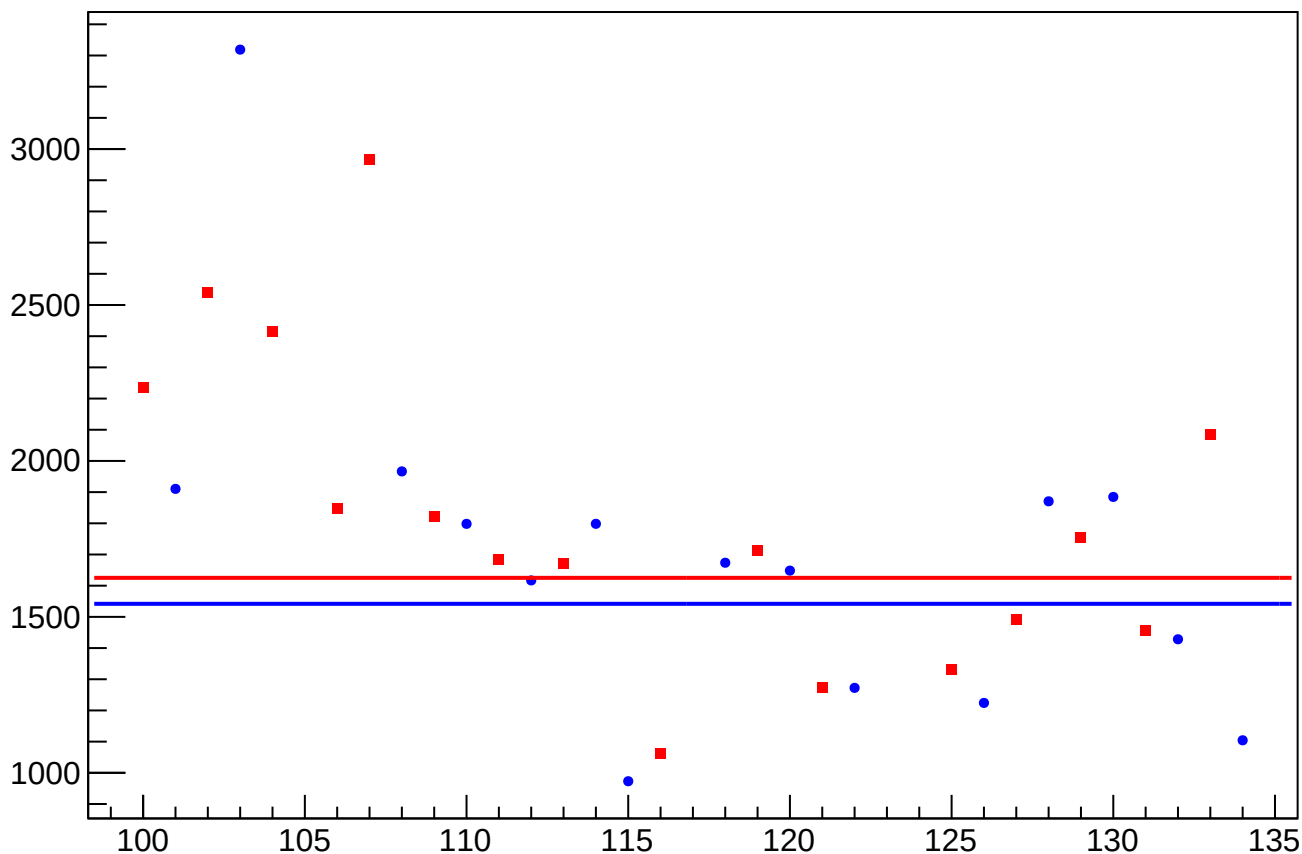
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -723.648+/-459.395 χ^2/NDF : 27.4/30

- 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: 1625.152+/-0.469 χ^2/NDF : 680506.8/15

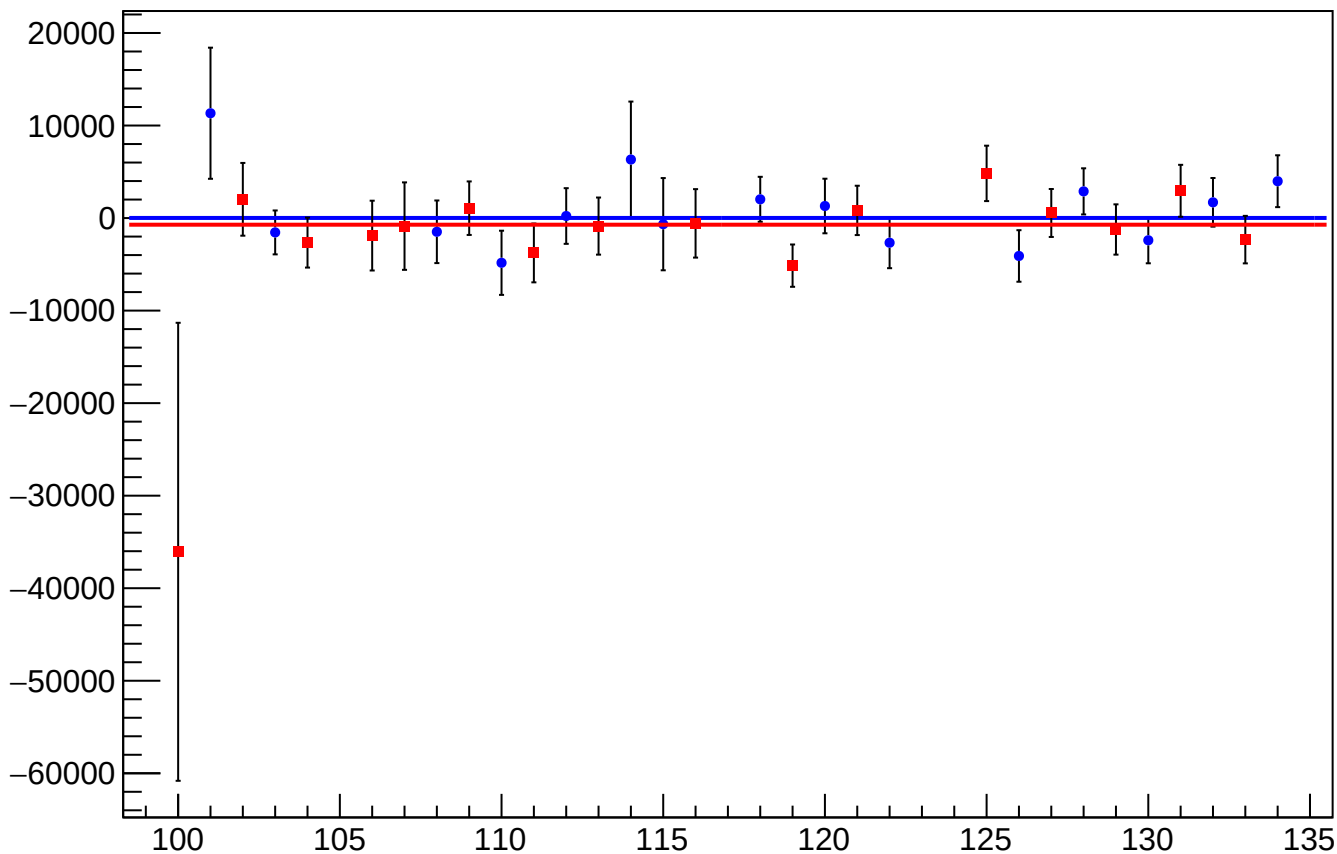
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1581.861+/-0.325 χ^2/NDF : 1523679.1/30

- 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: -717.120+/-762.064 χ^2 /NDF: 14.3/15

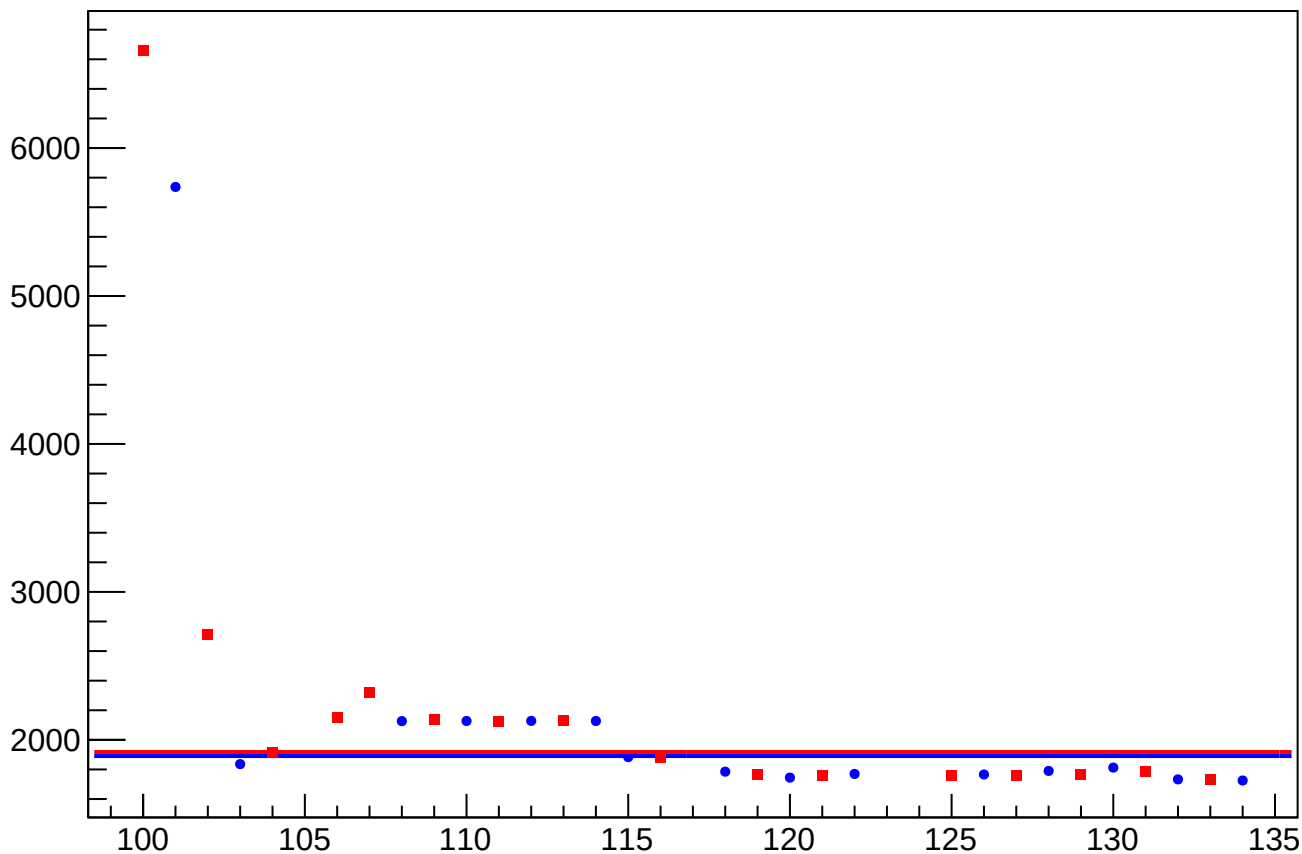
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -355.857+/-541.836 χ^2 /NDF: 29.6/30

- 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+/-0.545 χ^2/NDF : 660924.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1917.947+/-0.539 χ^2/NDF : 258116.8/15

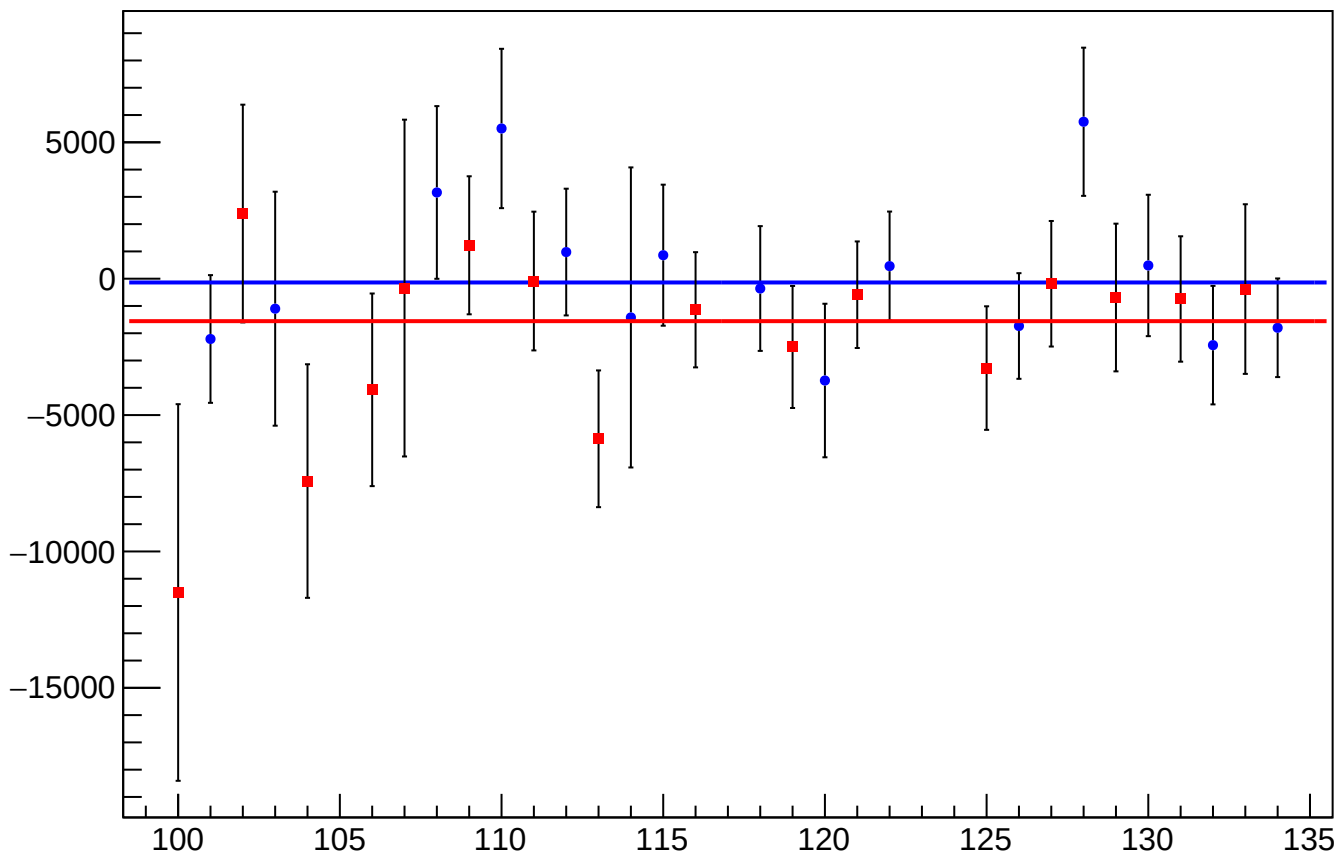
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1904.402+/-0.383 χ^2/NDF : 920319.4/30

- sign 0.000+/-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: -1556.712+/-672.127 χ^2/NDF : 11.7/15

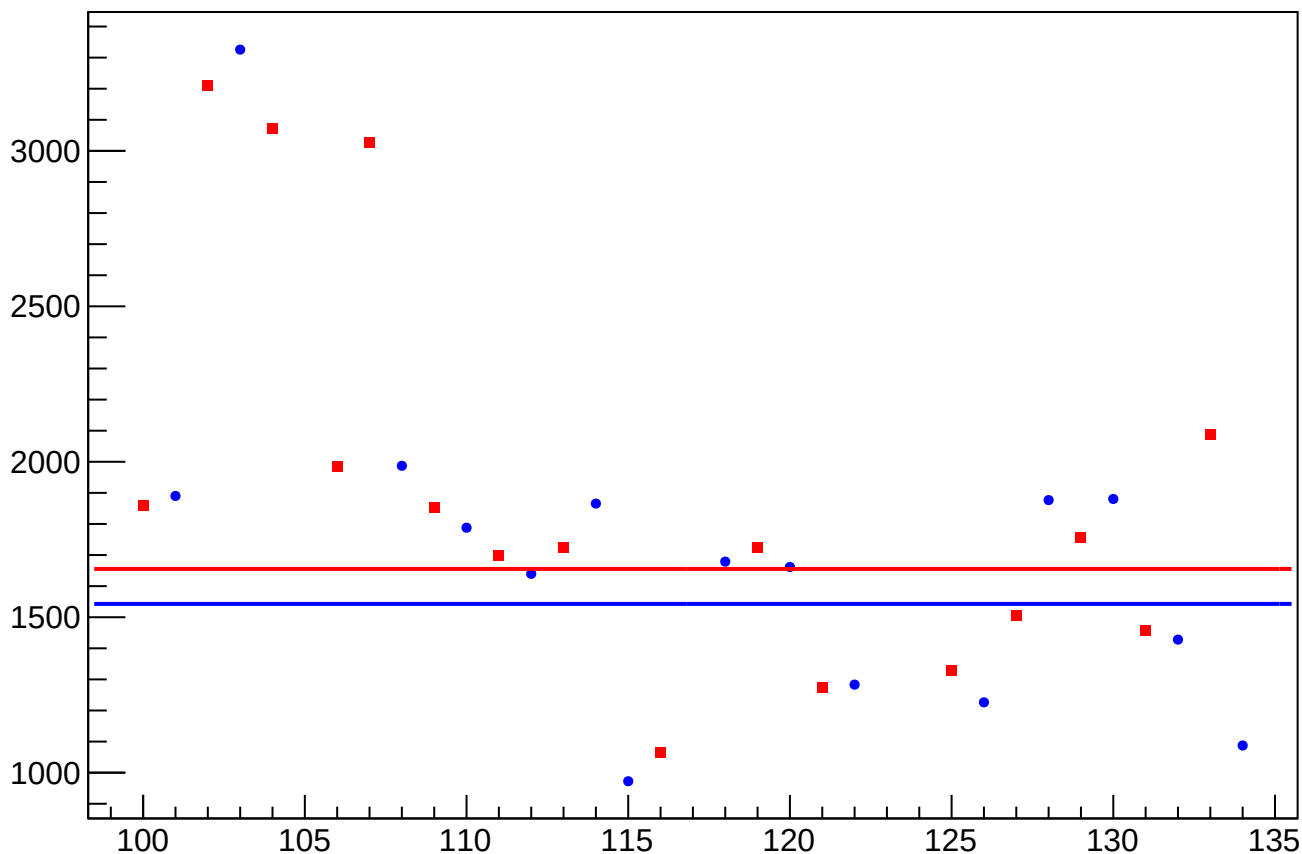
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -810.593+/-462.670 χ^2/NDF : 29.3/30

- 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: 1655.337+/-0.475 χ^2/NDF : 995259.5/15

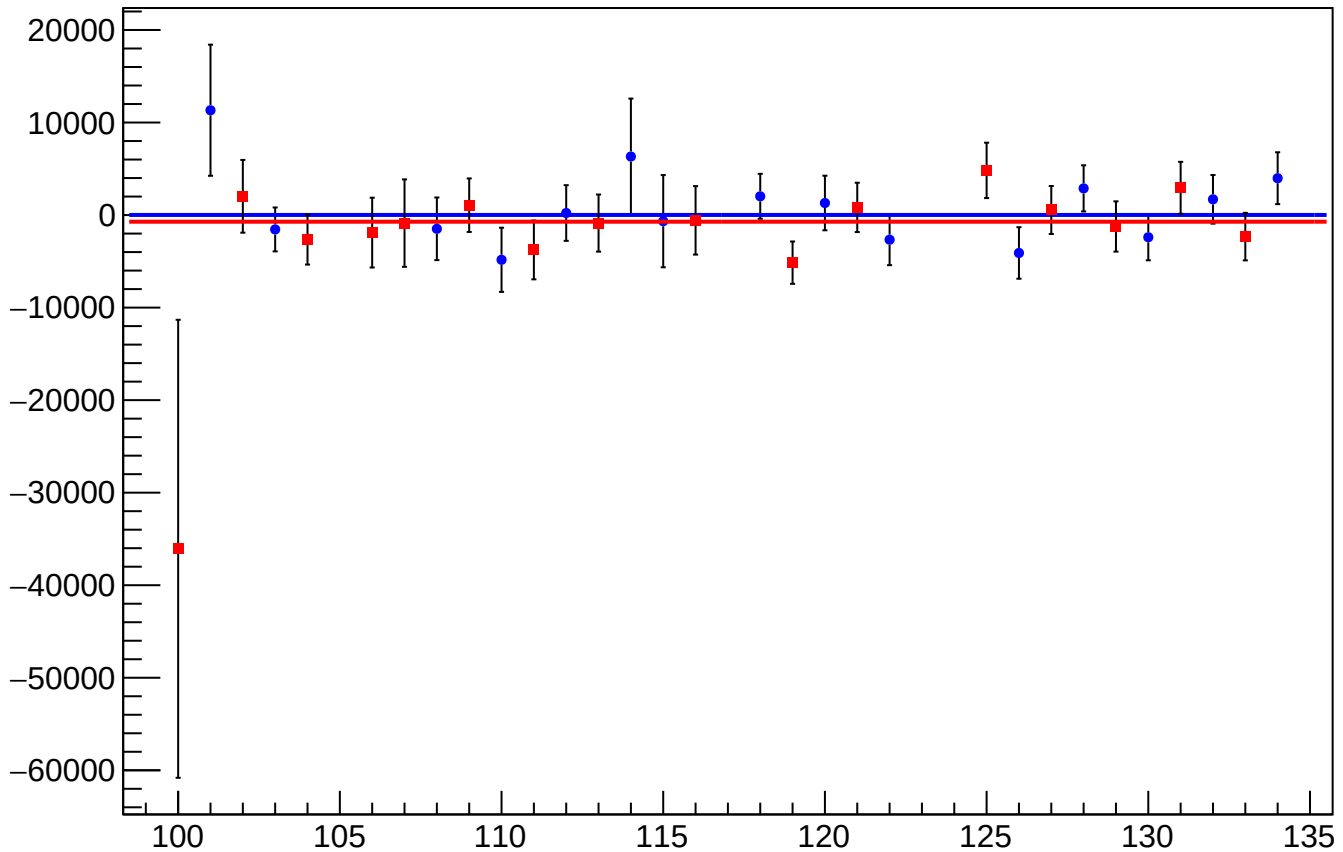
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1596.169+/-0.327 χ^2/NDF : 1869929.6/30

- 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: -717.119+/-762.064 χ^2/NDF : 14.3/15

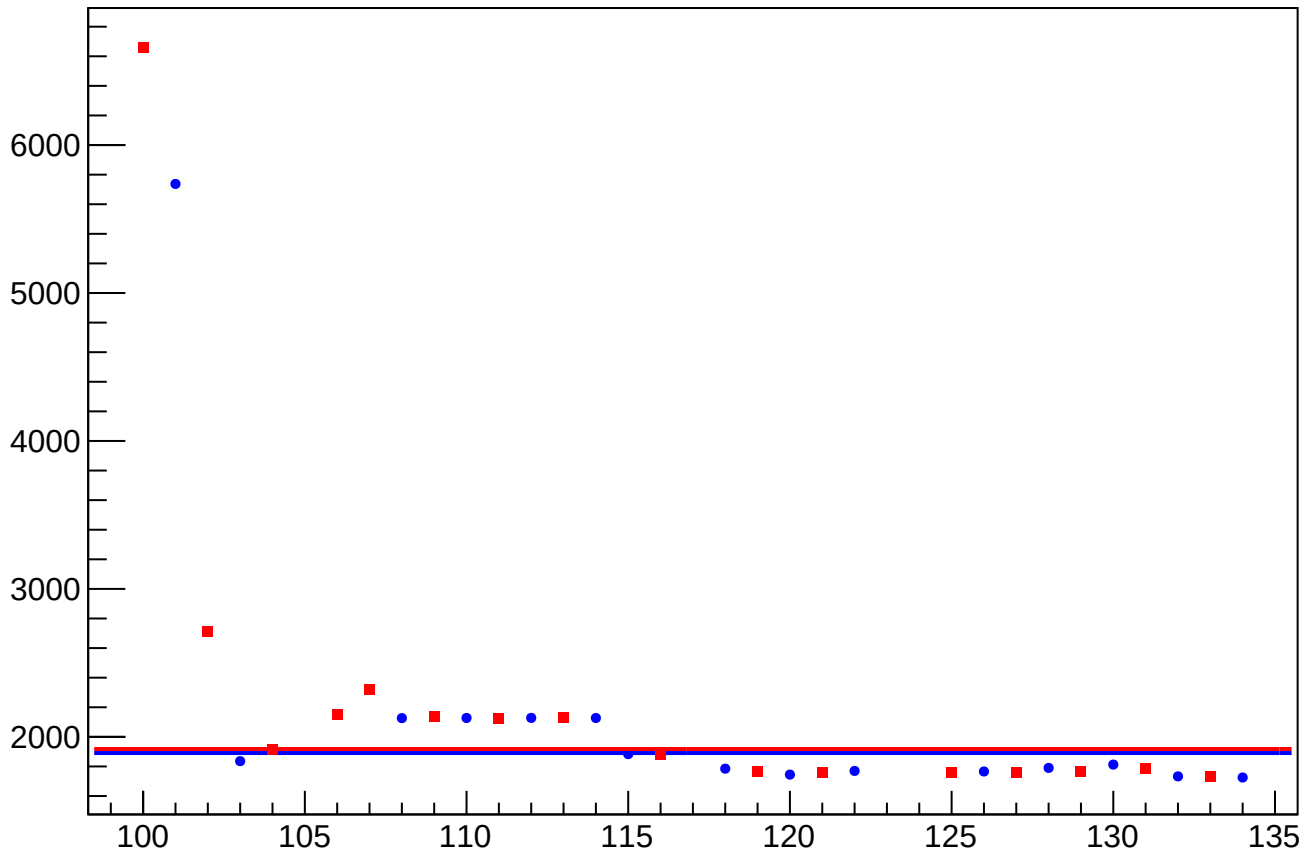
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -355.857+/-541.836 χ^2/NDF : 29.6/30

- 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

Right Out: 1917.947+/-0.539 χ^2/NDF : 258116.6/15

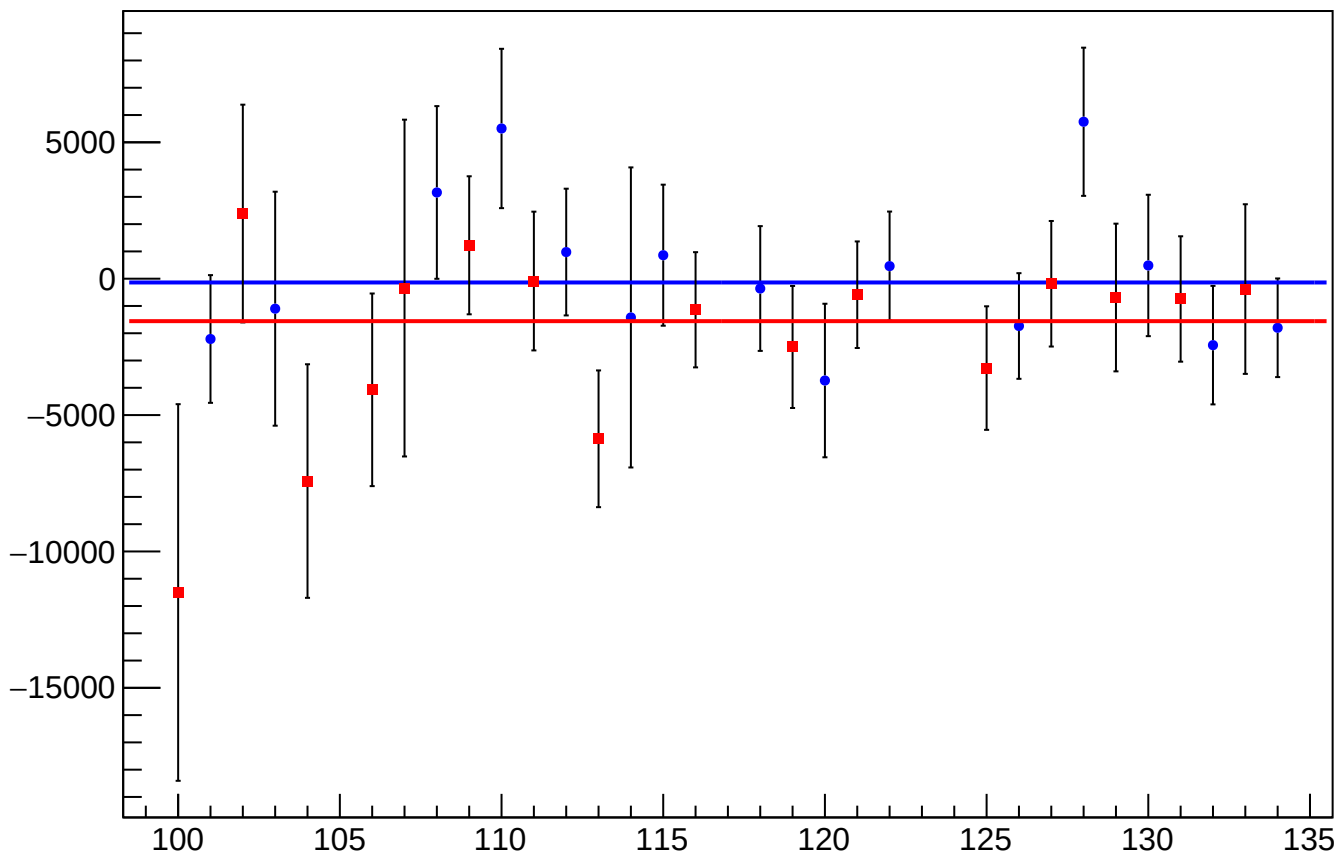
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1904.402+/-0.383 χ^2/NDF : 920319.3/30

- sign 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: -1556.708 ± 672.126 χ^2/NDF : 11.7/15

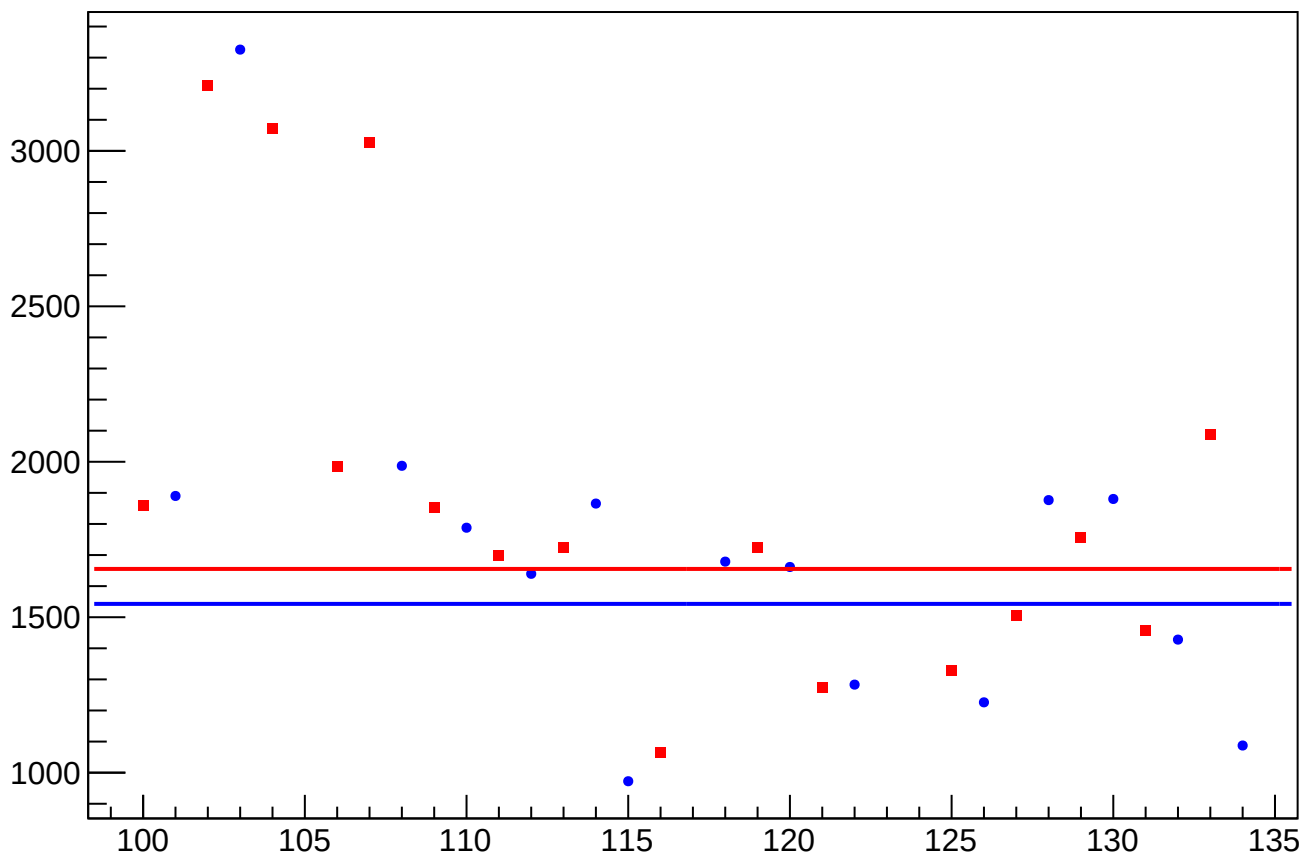
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -810.589 ± 462.669 χ^2/NDF : 29.3/30

- 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: 1655.333+/-0.475 χ^2/NDF : 995265.2/15

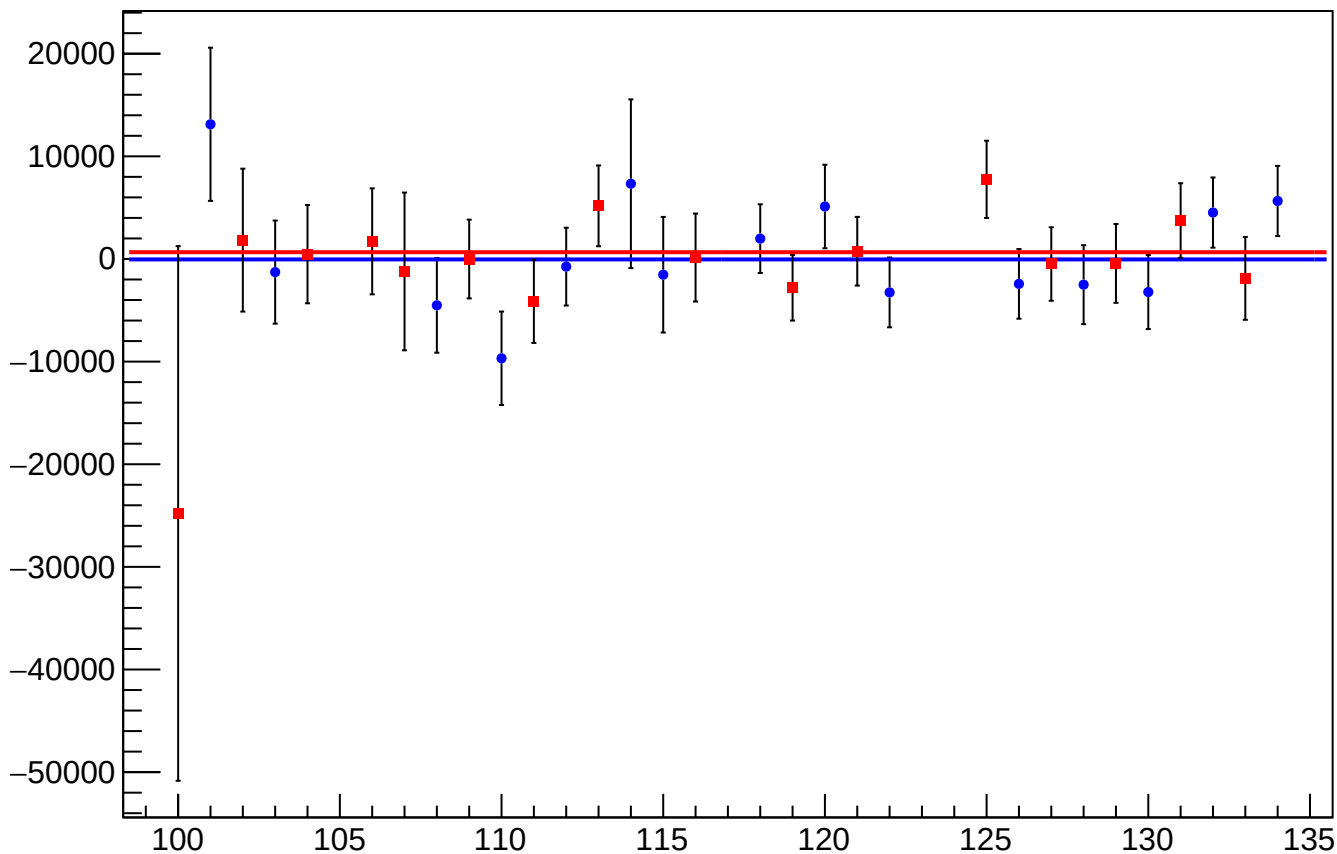
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1596.165+/-0.327 χ^2/NDF : 1869939.1/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -43.444 $\pm$ 1049.969 χ^2/NDF : 18.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 659.564 $\pm$ 1049.454 χ^2/NDF : 9.9/15

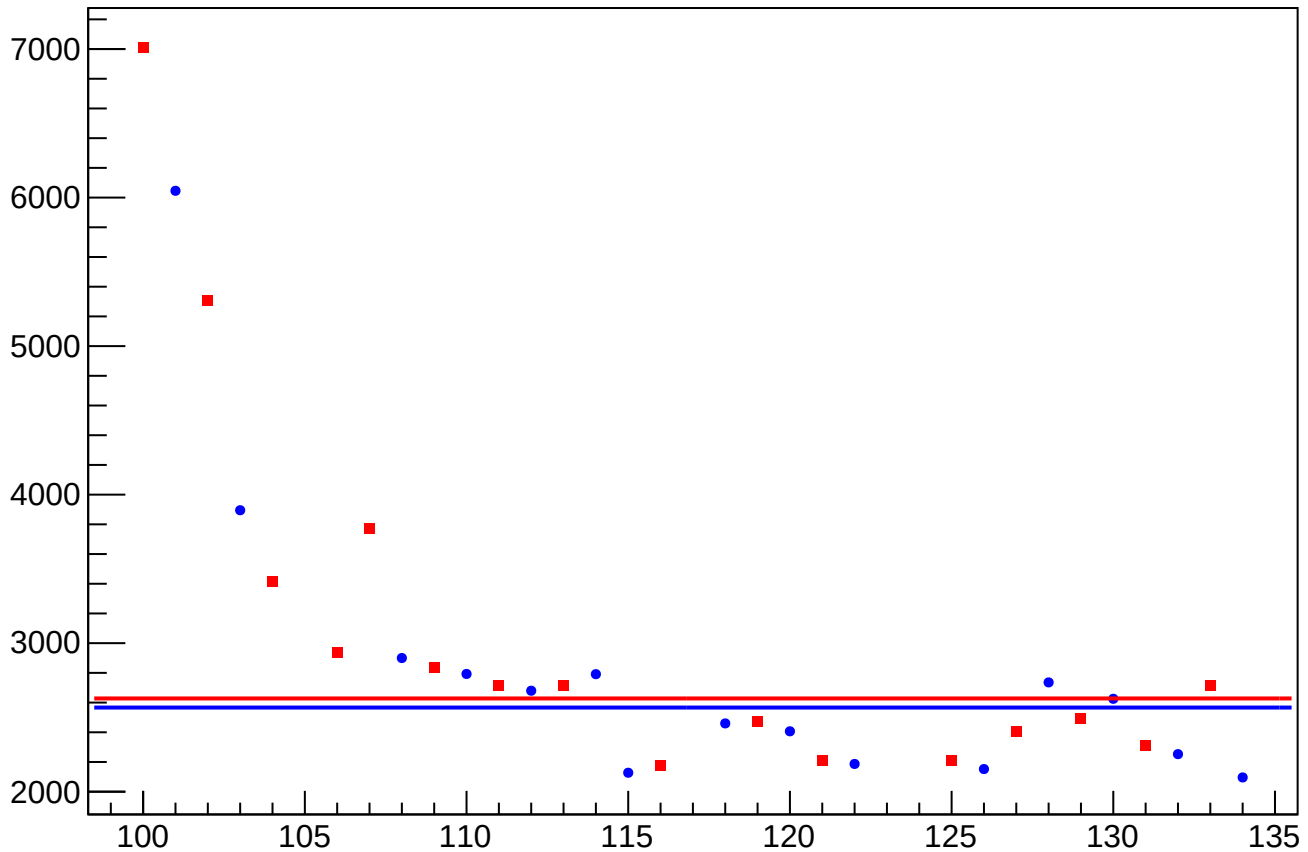
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 308.233 $\pm$ 742.258 χ^2/NDF : 28.7/30

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 2566.497+/-0.742 χ^2/NDF : 724108.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2627.782+/-0.742 χ^2/NDF : 575783.5/15

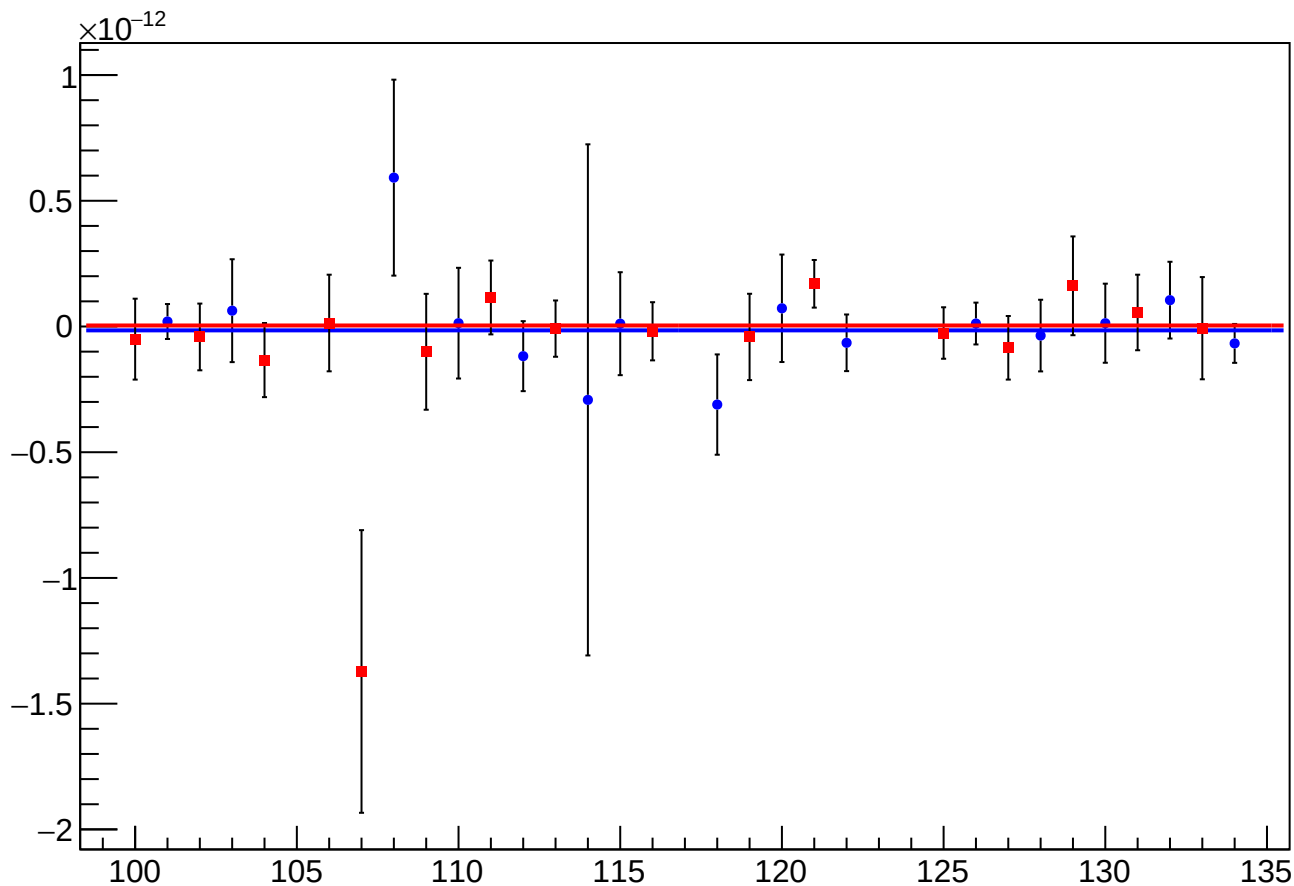
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2597.155+/-0.525 χ^2/NDF : 1303300.9/30

- sign 0.000+/-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 : 12.4/15

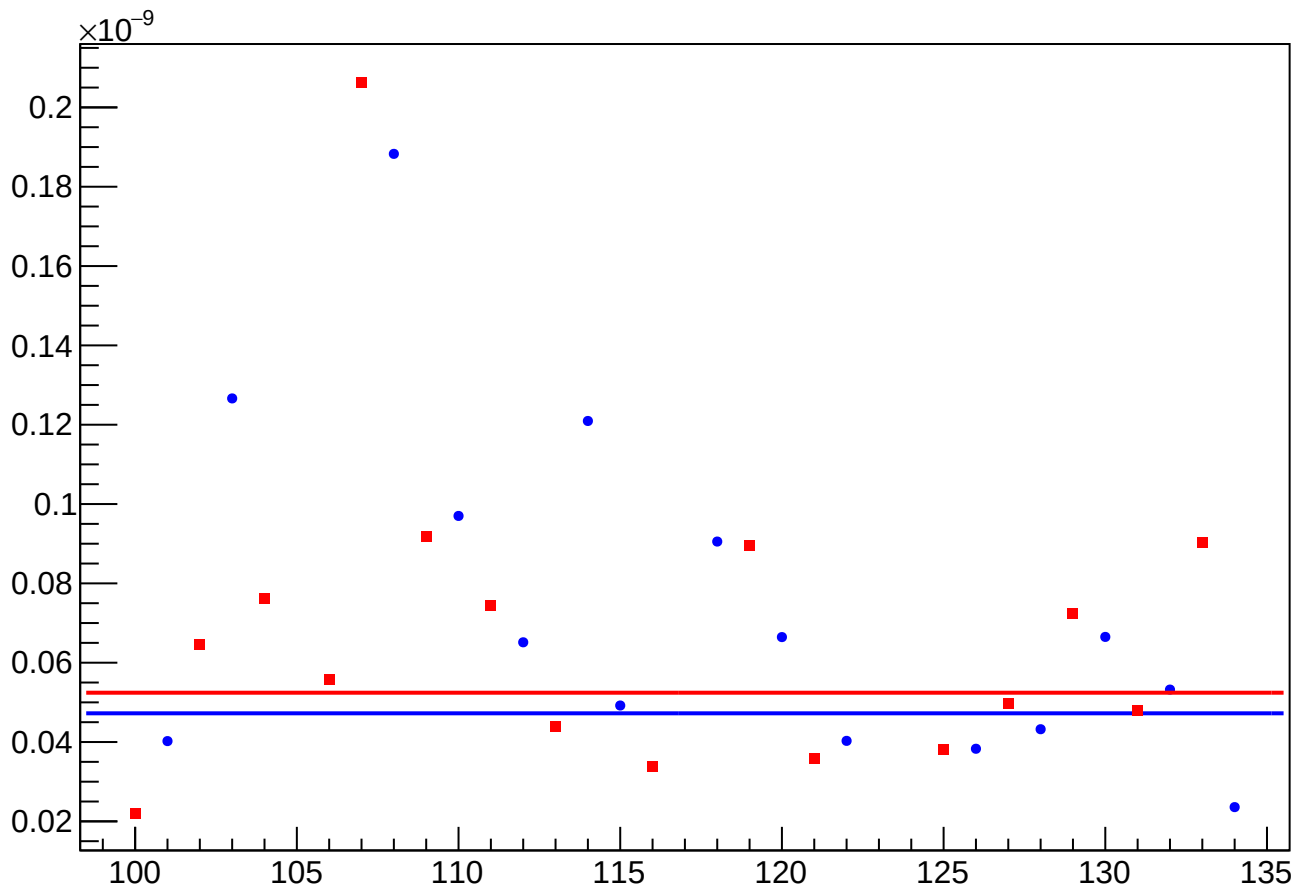
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.8/30

- 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+/-0.000 χ^2/NDF : 1092252.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 743527.4/15

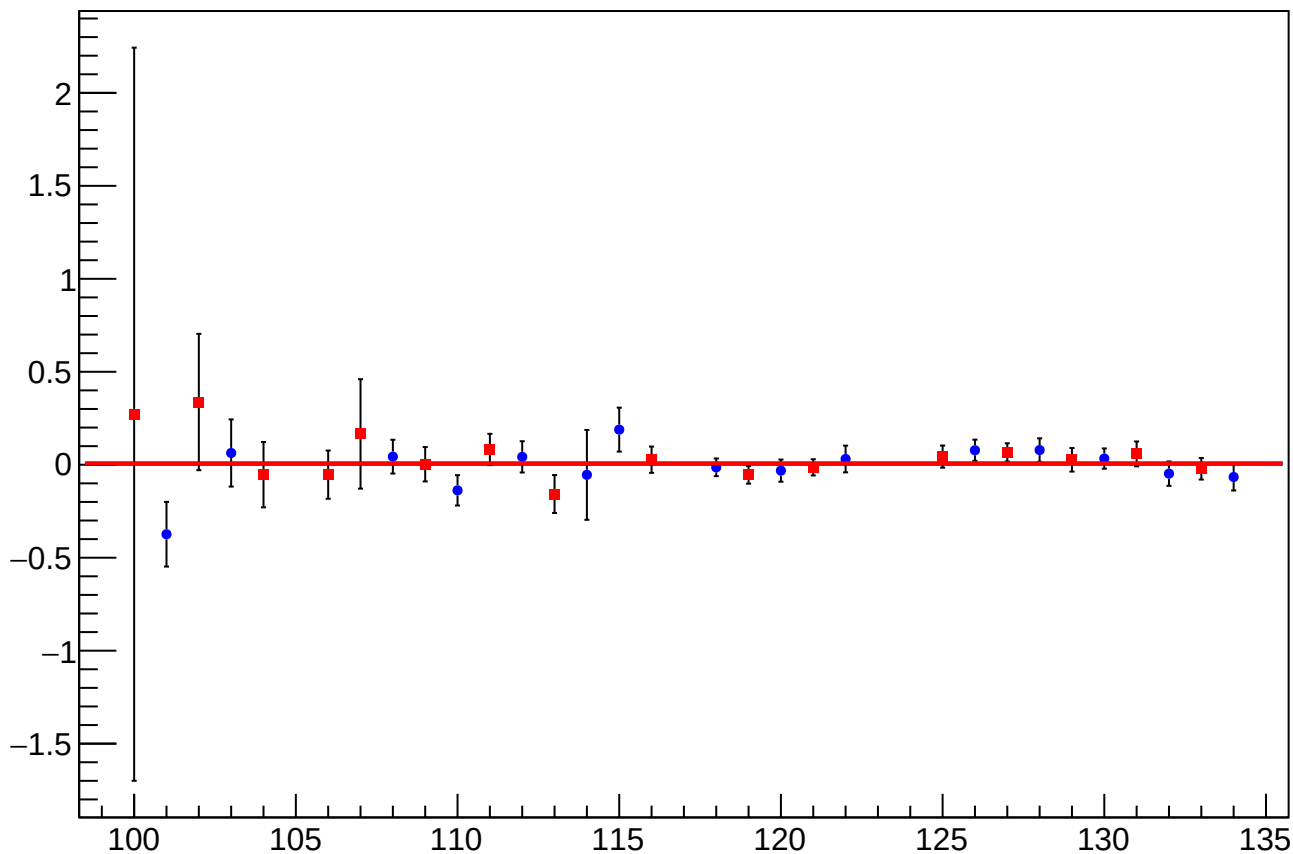
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1858523.2/30

- sign 0.000+/-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: 0.008 $\pm$ 0.018 χ^2 /NDF: 9.7/15

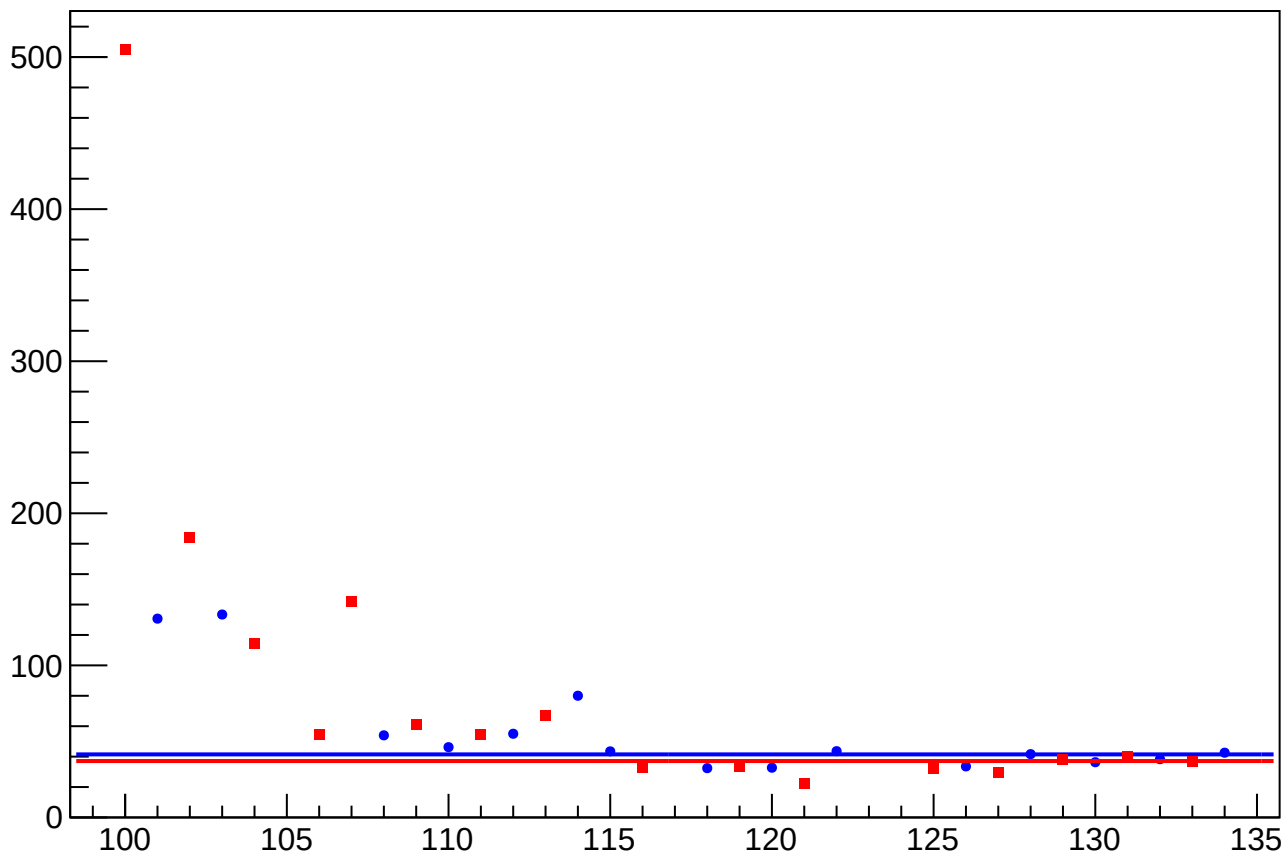
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.013 χ^2 /NDF: 26.0/30

- 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 $\pm$ 0.013 χ^2 /NDF: 1371673.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 37.104 $\pm$ 0.013 χ^2 /NDF: 1833436.5/15

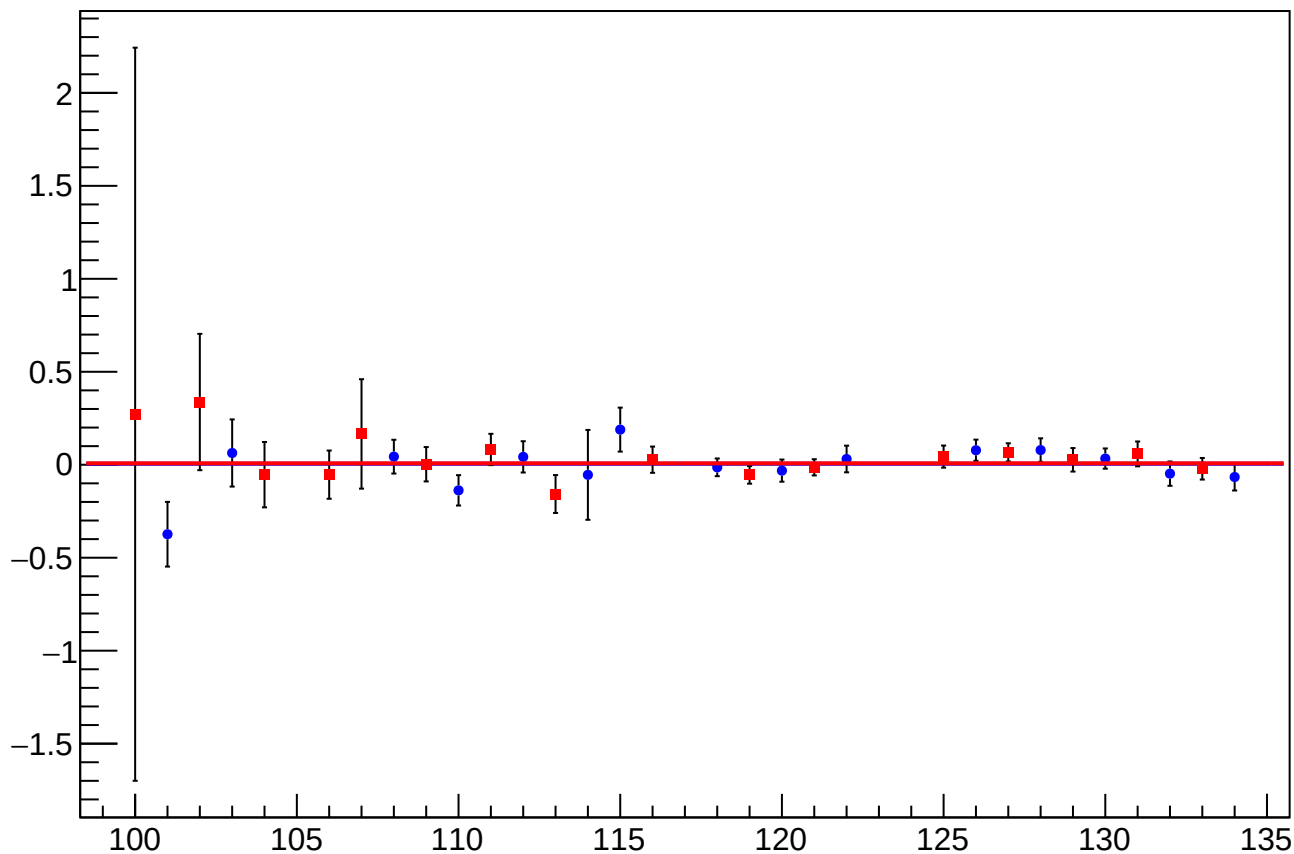
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.173 $\pm$ 0.009 χ^2 /NDF: 3261331.6/30

- sign 0.000 $\pm$ 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: 0.008 $\pm$ 0.018 χ^2 /NDF: 9.7/15

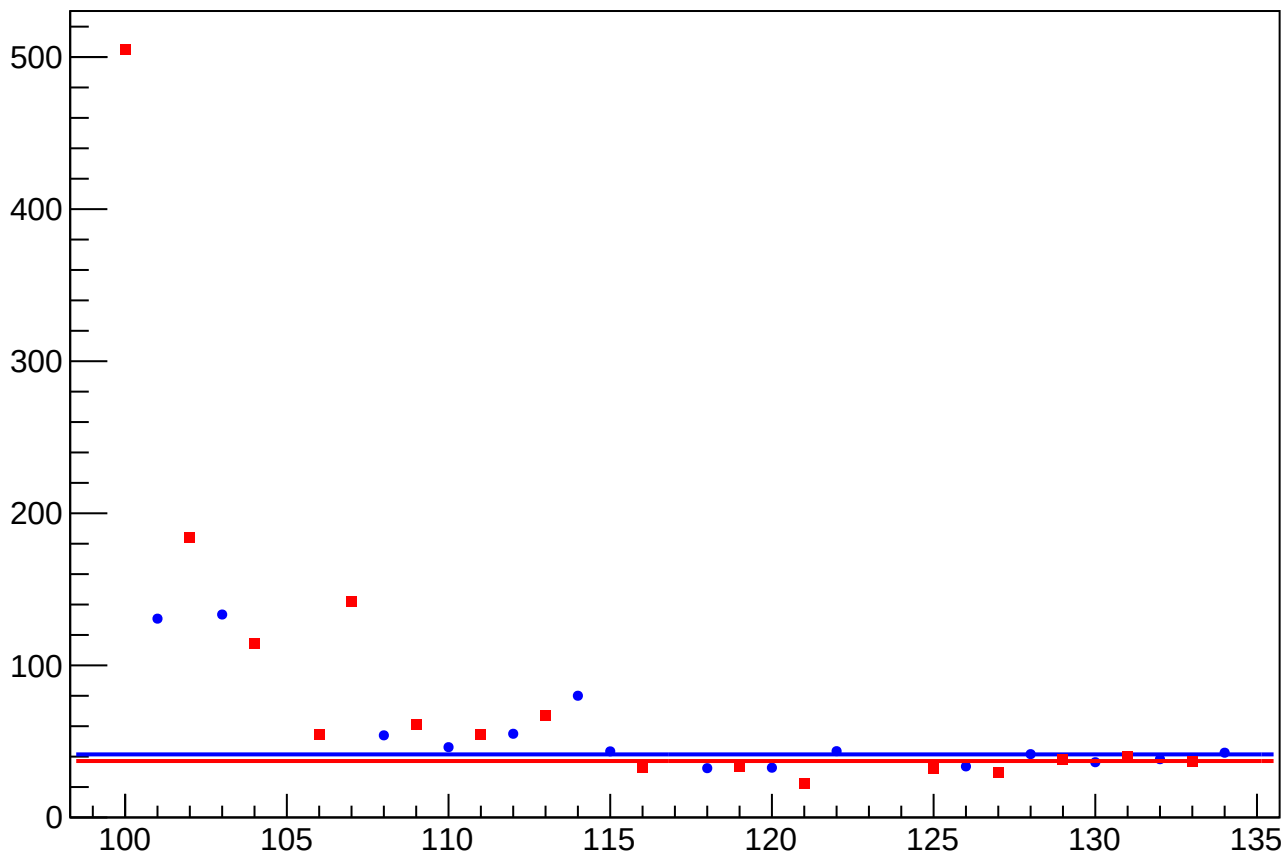
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.013 χ^2 /NDF: 26.0/30

- 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: 37.104+/-0.013 χ^2/NDF : 1833436.5/15

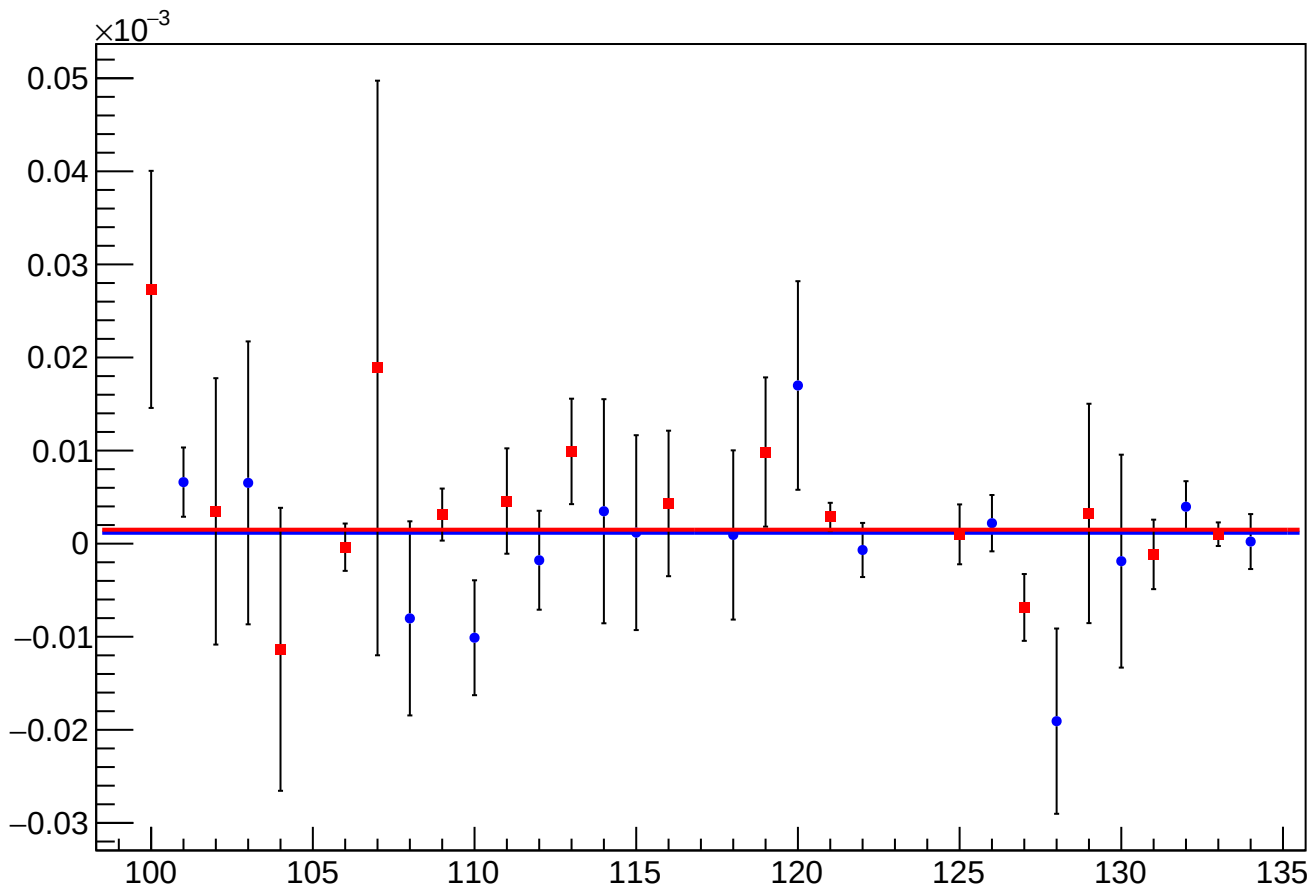
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.173+/-0.009 χ^2/NDF : 3261331.6/30

- 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: 16.7/15

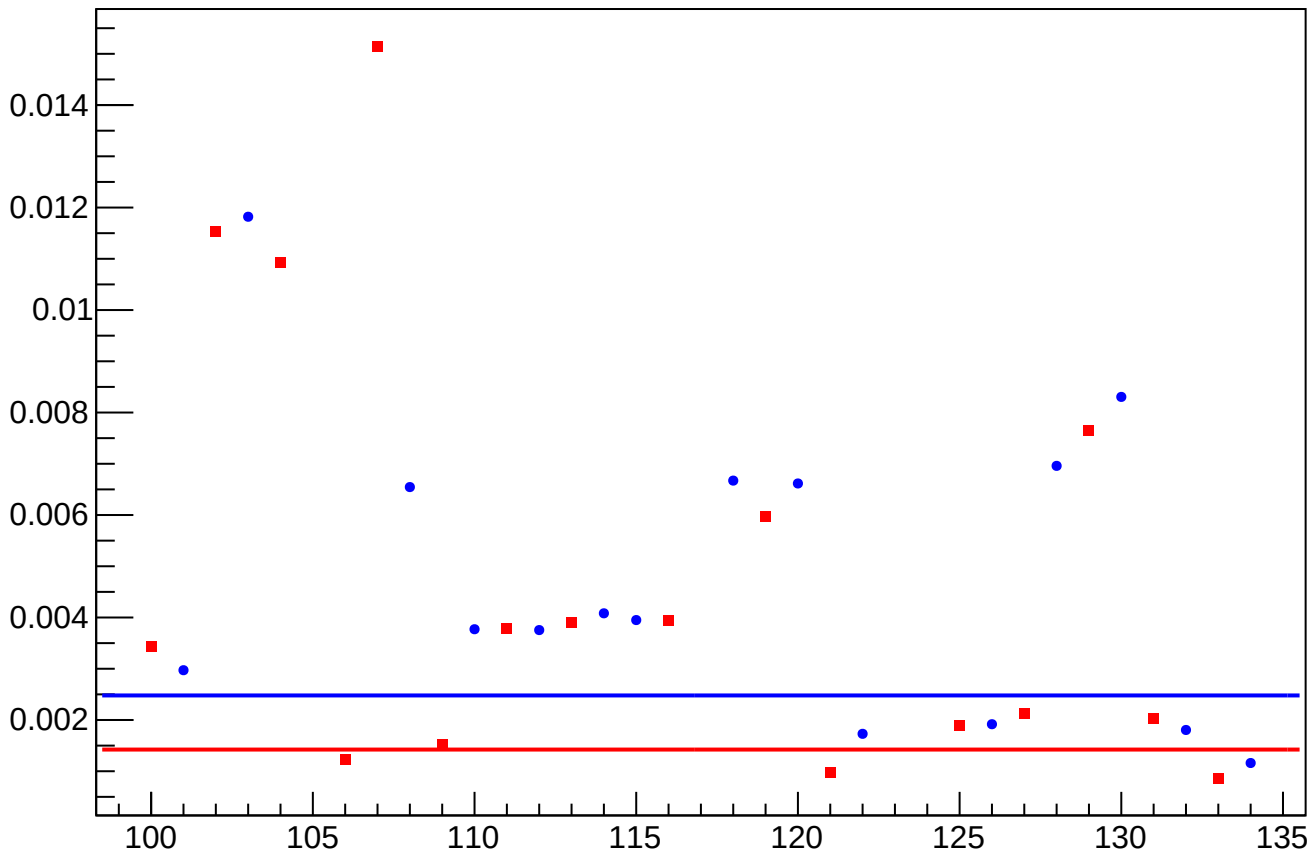
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 31.3/30

- 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+/-0.000 χ^2/NDF : 3715877.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 5129443.8/15

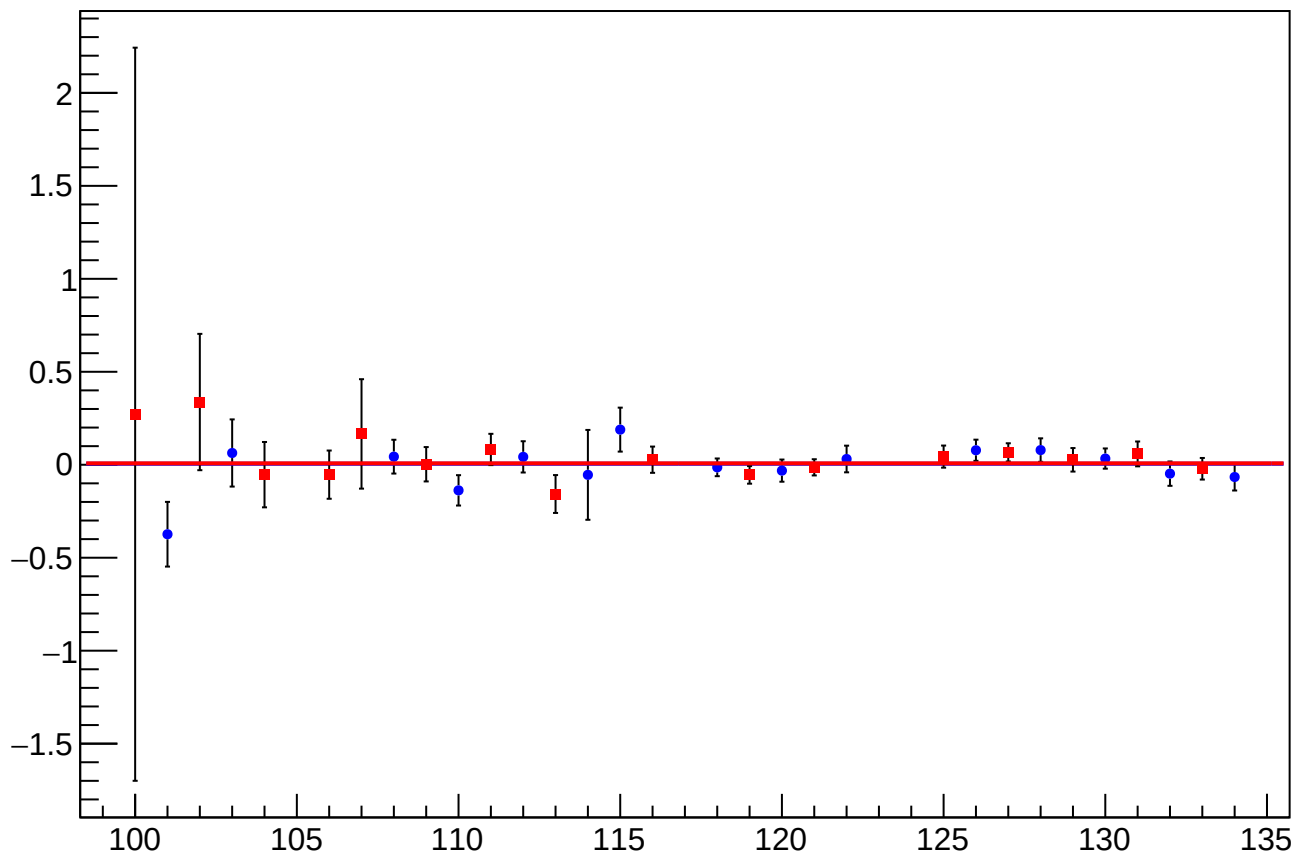
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 9924625.5/30

- sign 0.000+/-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: 0.008 $\pm$ 0.018 χ^2 /NDF: 9.7/15

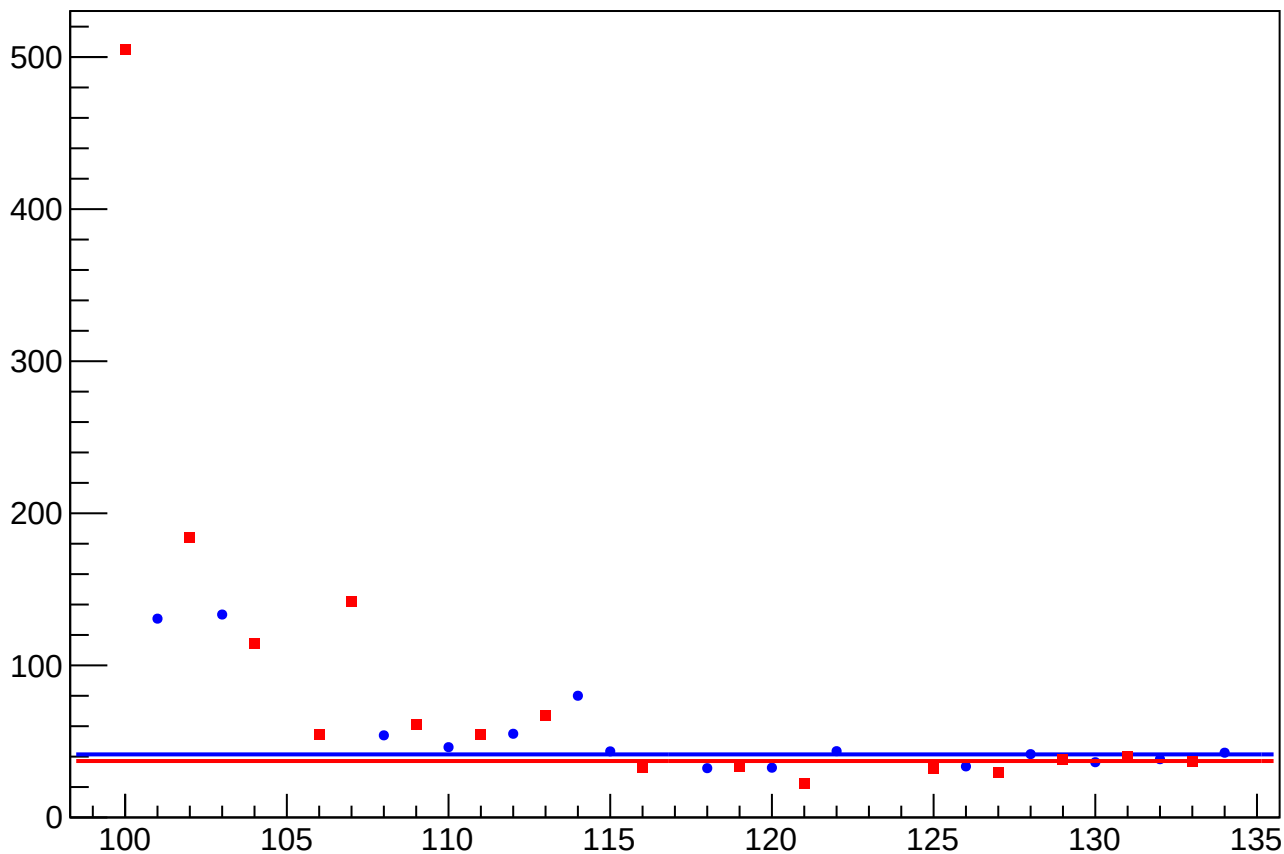
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.013 χ^2 /NDF: 26.0/30

- 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: 37.103+/-0.013 χ^2/NDF : 1833436.3/15

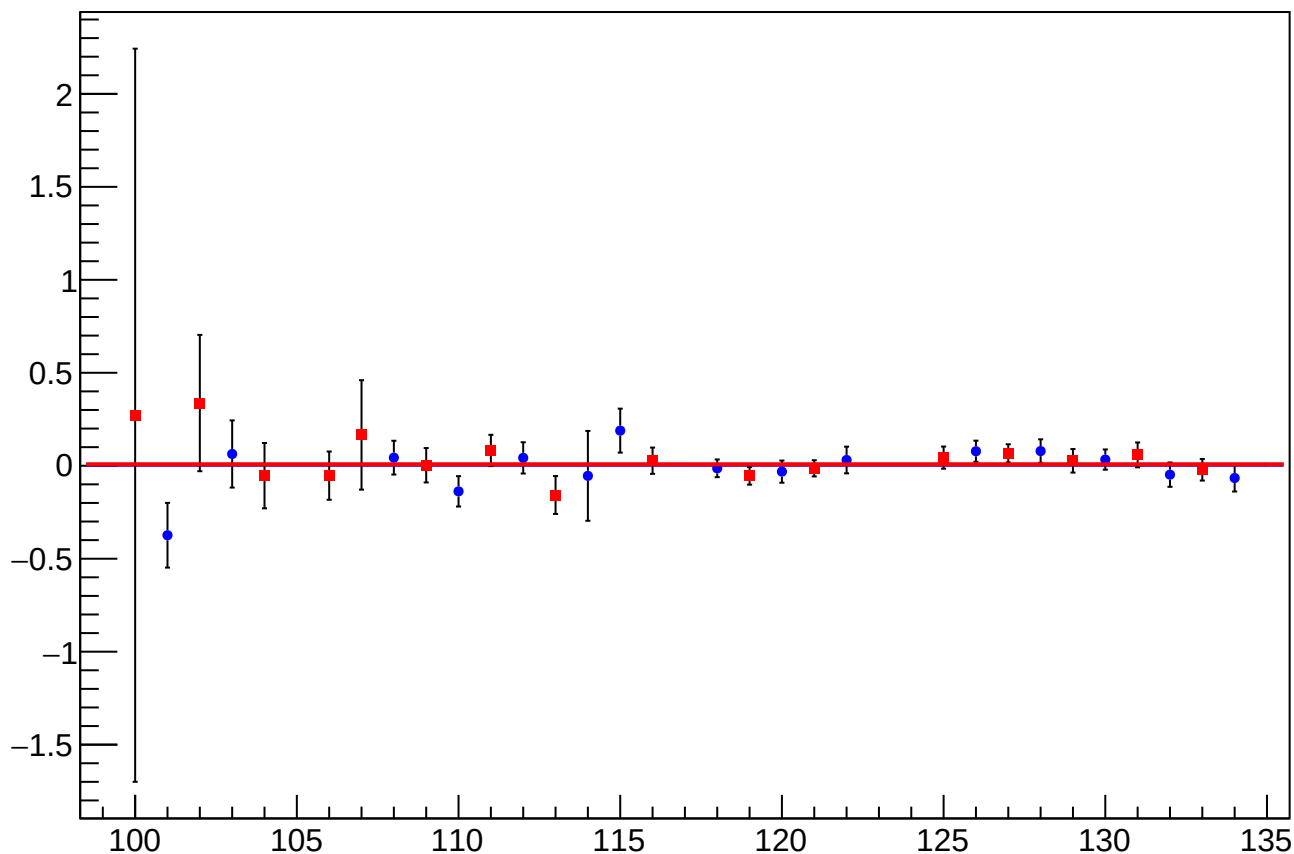
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.172+/-0.009 χ^2/NDF : 3261276.1/30

- 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: 0.008 $\pm$ 0.018 χ^2 /NDF: 9.7/15

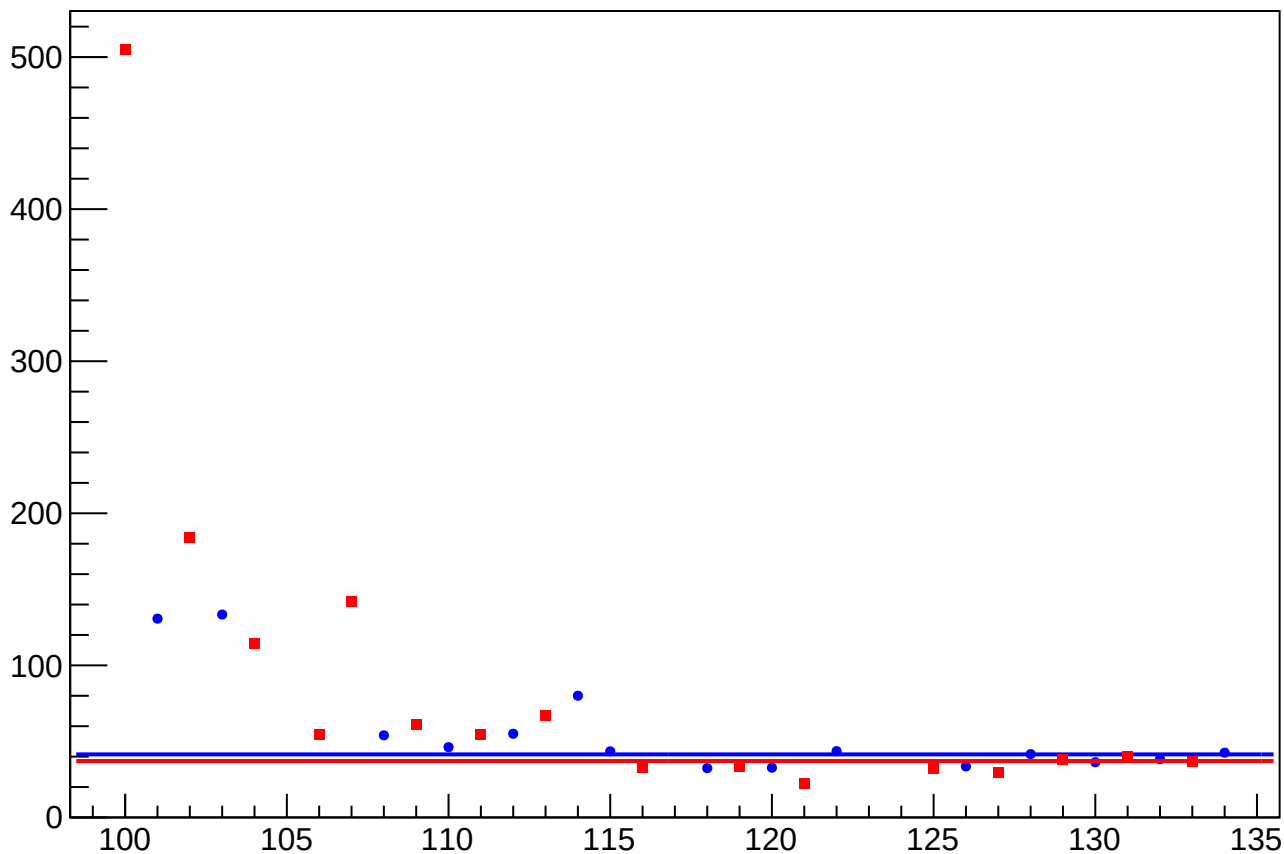
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.013 χ^2 /NDF: 26.0/30

- 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 $\pm$ 0.013 χ^2 /NDF: 1371575.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 37.103 $\pm$ 0.013 χ^2 /NDF: 1833436.3/15

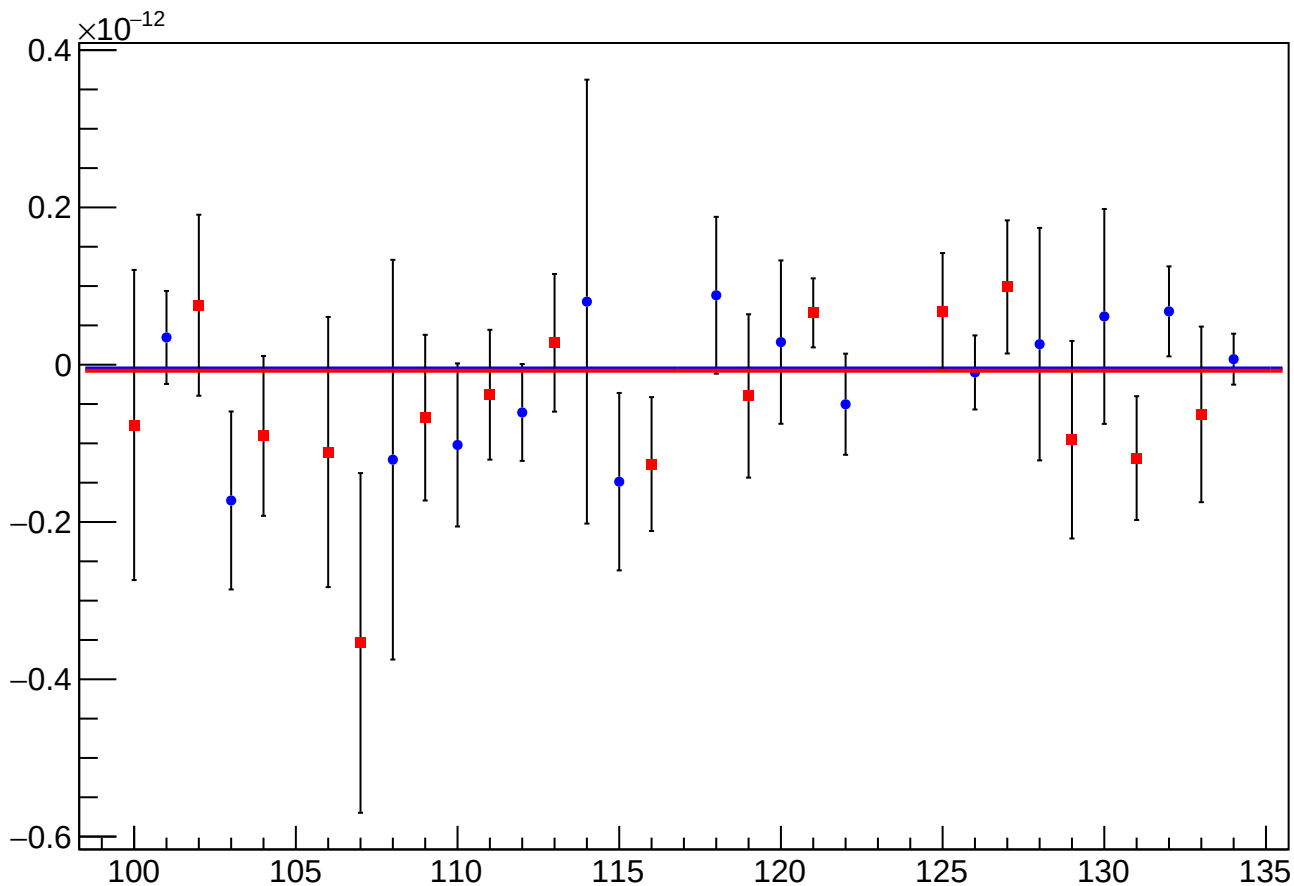
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.172 $\pm$ 0.009 χ^2 /NDF: 3261276.1/30

- sign 0.000 $\pm$ 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 $\pm$ 0.000 χ^2 /NDF: 9.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.1/15

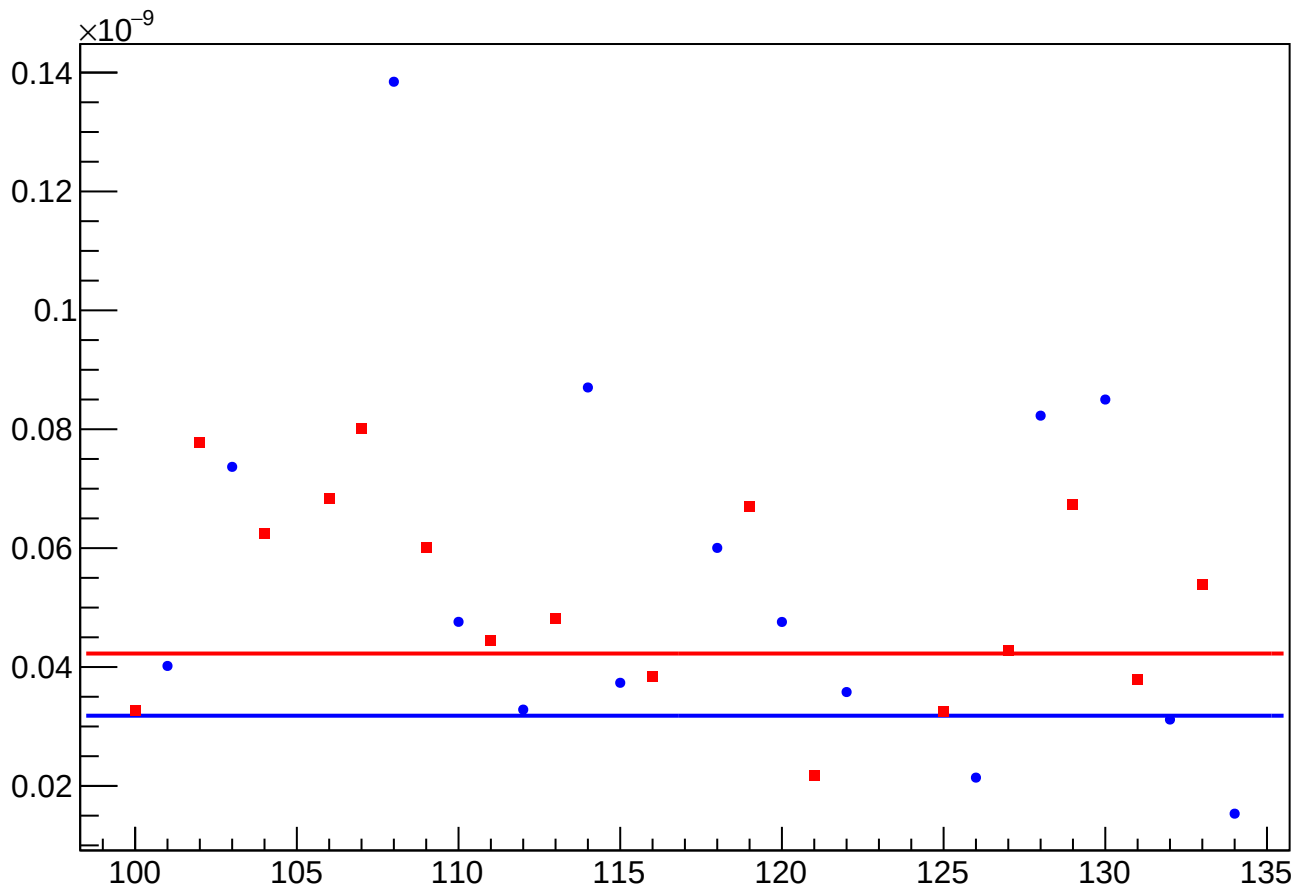
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 24.9/30

- sign 0.000 $\pm$ 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 $\pm$ 0.000 χ^2 /NDF: 2160657.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1150149.5/15

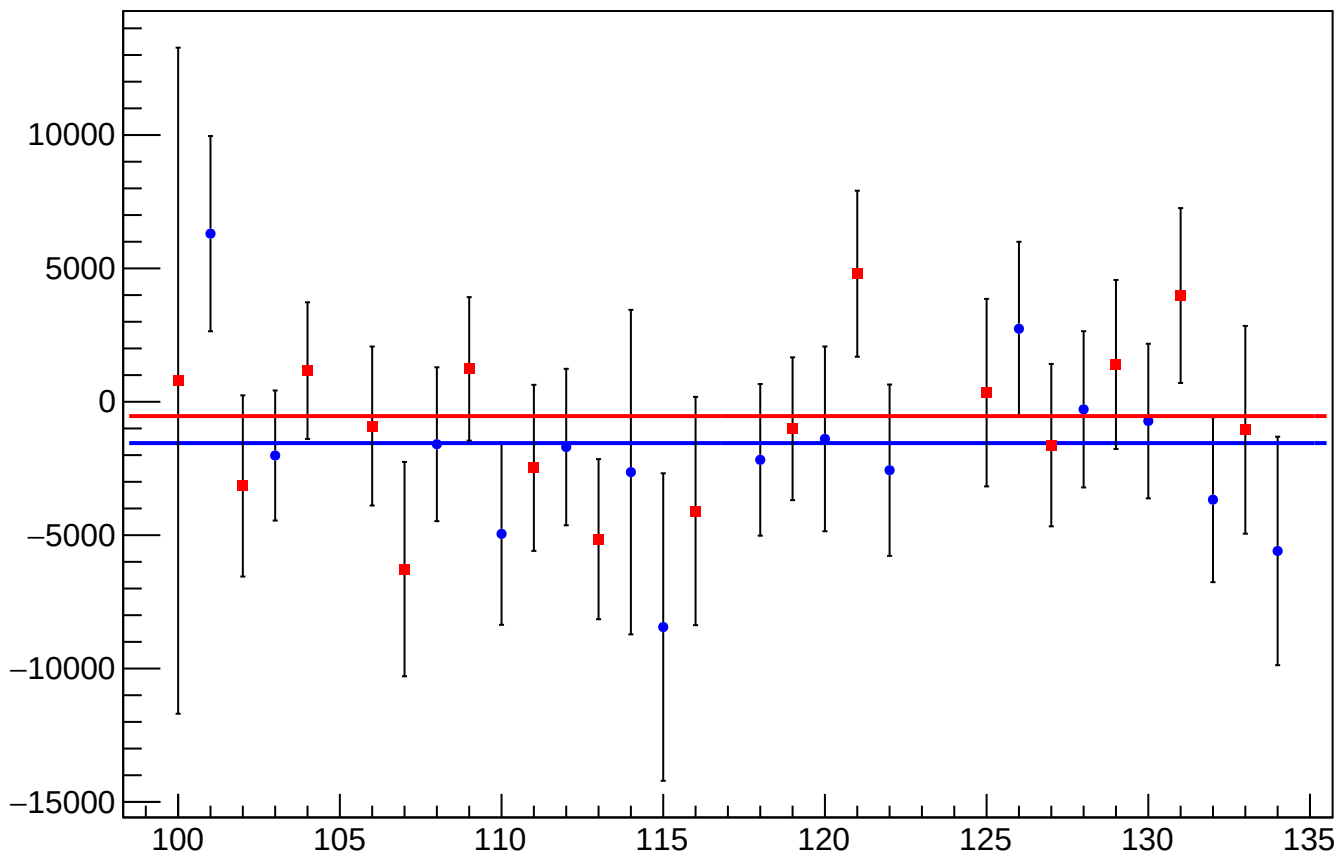
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3575696.4/30

- sign 0.000 $\pm$ 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: -536.729+/-811.811 χ^2/NDF : 12.4/15

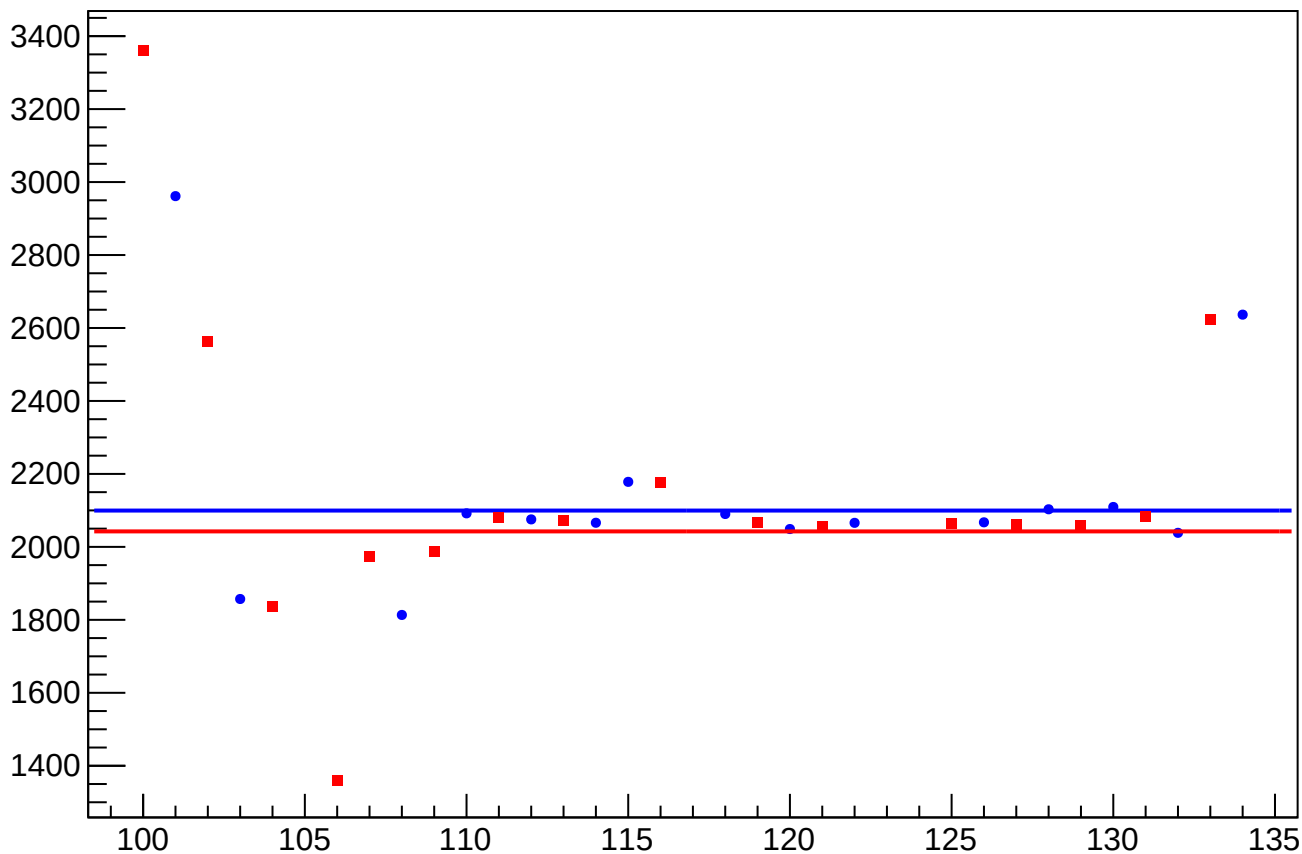
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1024.968+/-583.946 χ^2/NDF : 23.8/30

- 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+/-0.594 χ^2/NDF : 184084.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

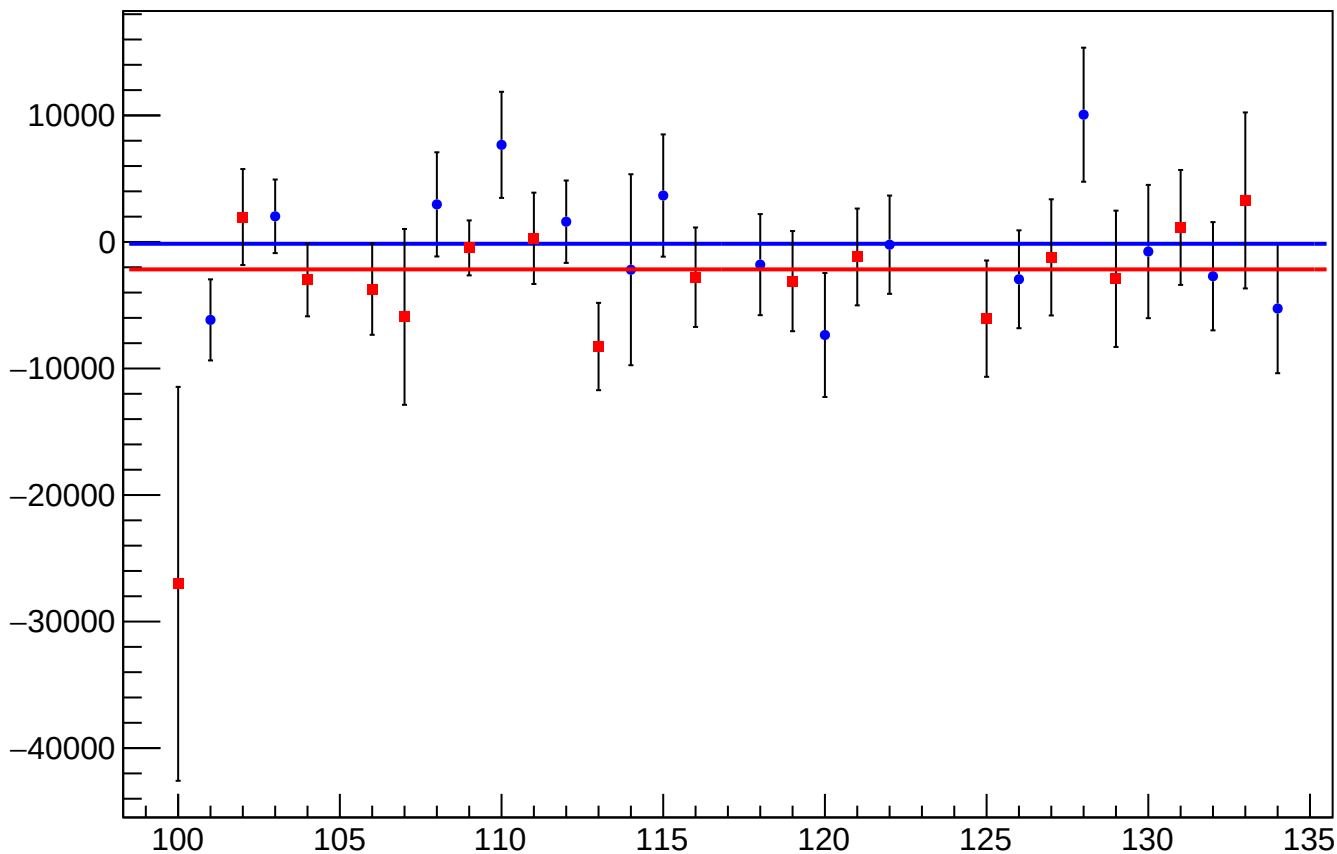
Right Out: 2042.443+/-0.574 χ^2/NDF : 235728.2/15

All: 2070.010+/-0.413 χ^2/NDF : 424591.7/30

- 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_at2lr_dd_avg_reg_correction_mean vs Slug



Right In: -143.242 $\pm$ 1060.925 χ^2 /NDF: 17.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2167.400 $\pm$ 971.324 χ^2 /NDF: 10.6/15

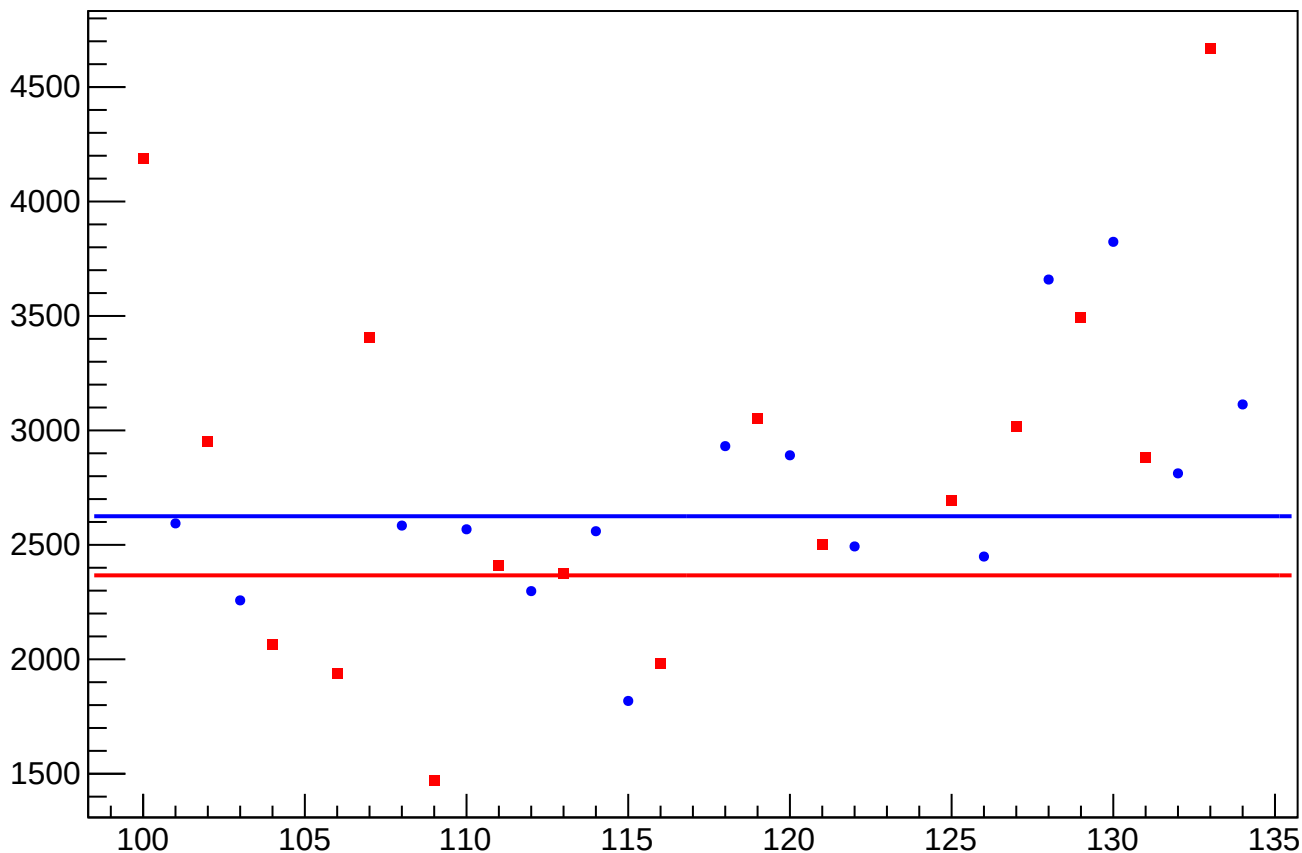
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1244.393 $\pm$ 716.416 χ^2 /NDF: 29.6/30

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_reg_correction_rms vs Slug



Right In: 2625.055 $\pm$ 0.750 χ^2 /NDF: 334872.0/14

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

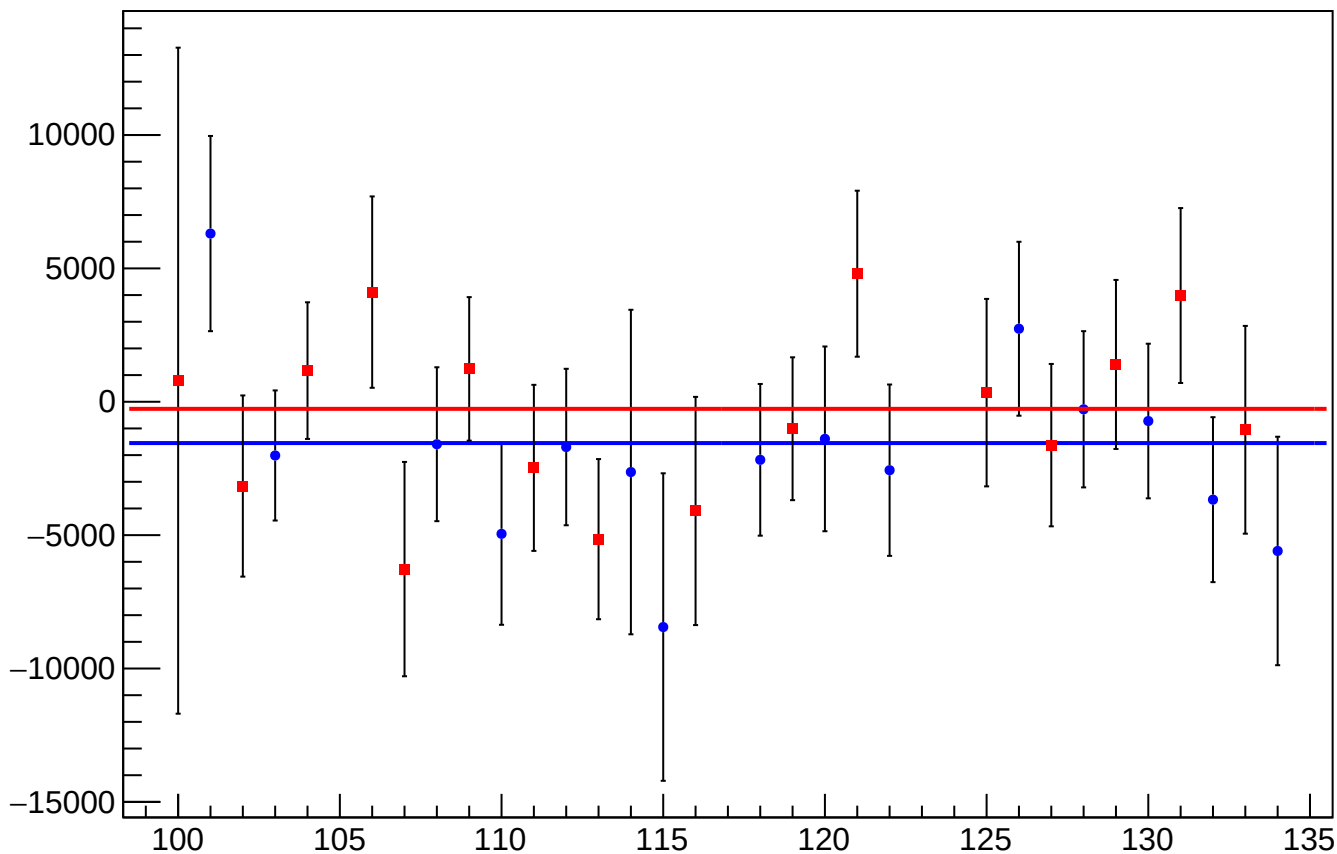
Right Out: 2366.745 $\pm$ 0.687 χ^2 /NDF: 973475.4/15

All: 2484.533 $\pm$ 0.507 χ^2 /NDF: 1372845.1/30

- 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_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: -265.102+/-821.312 χ^2/NDF : 14.0/15

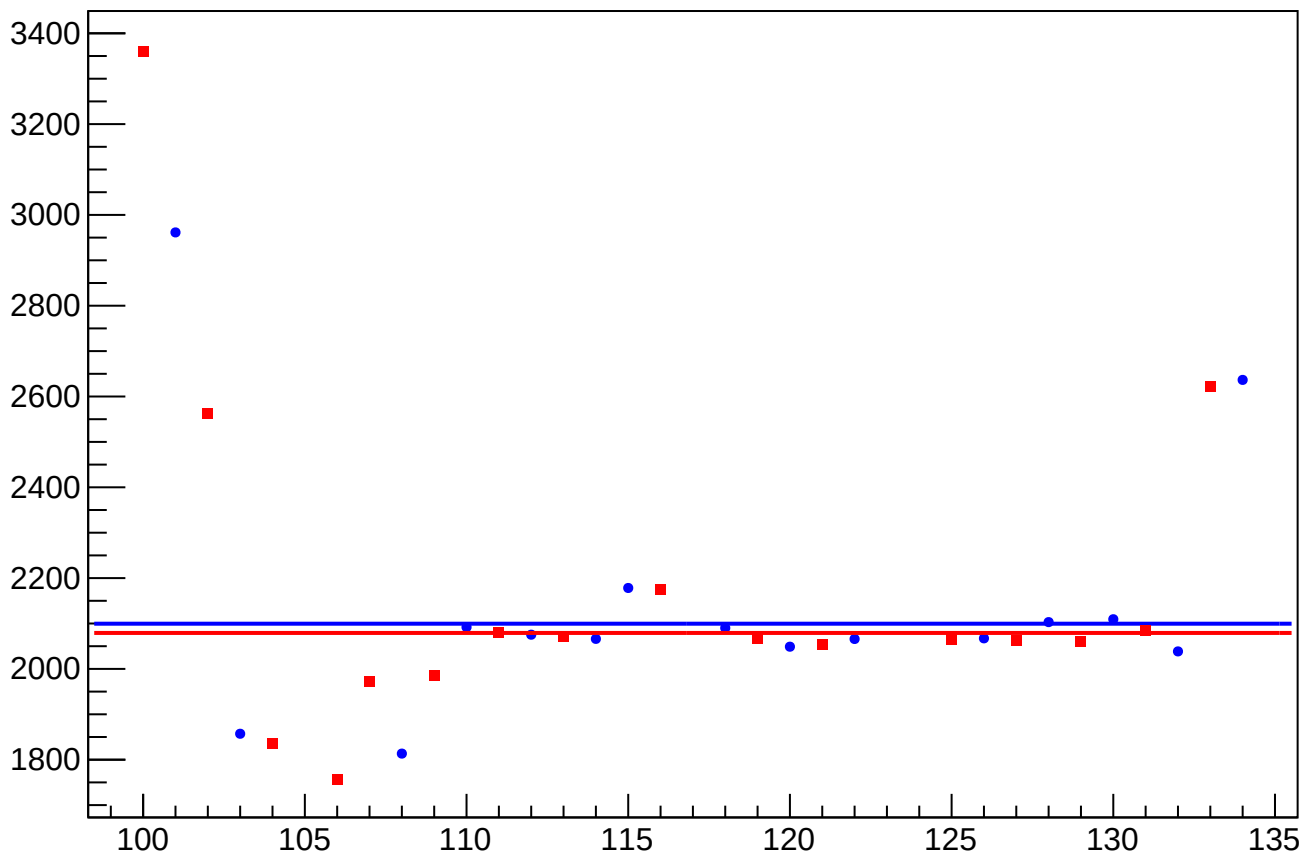
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -891.817+/-587.452 χ^2/NDF : 25.8/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2099.566 $\pm$ 0.594 χ^2 /NDF: 184084.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2079.206 $\pm$ 0.581 χ^2 /NDF: 139843.4/15

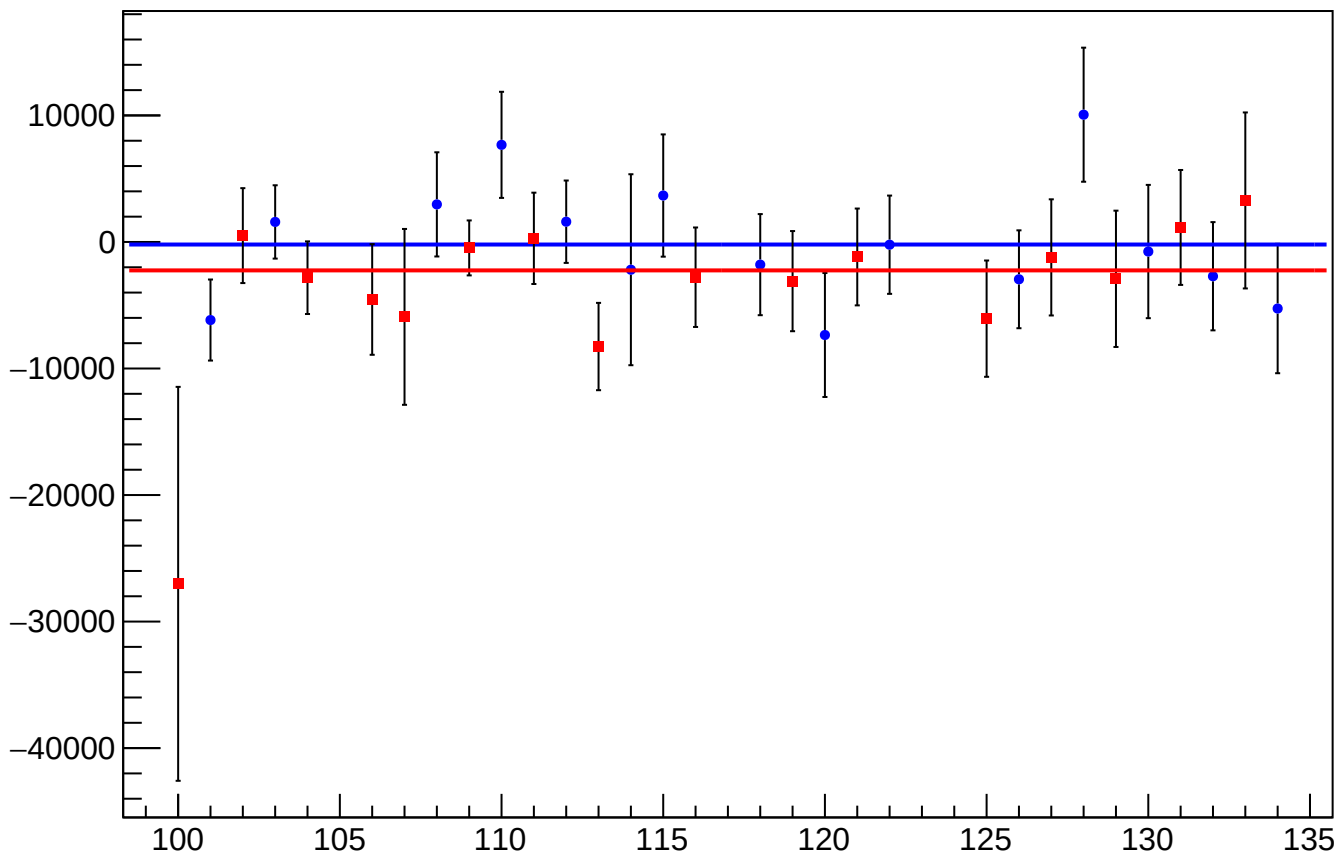
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2089.150 $\pm$ 0.415 χ^2 /NDF: 324528.6/30

- sign 0.000 $\pm$ 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: -2246.523+/-981.635 χ^2/NDF : 10.0/15

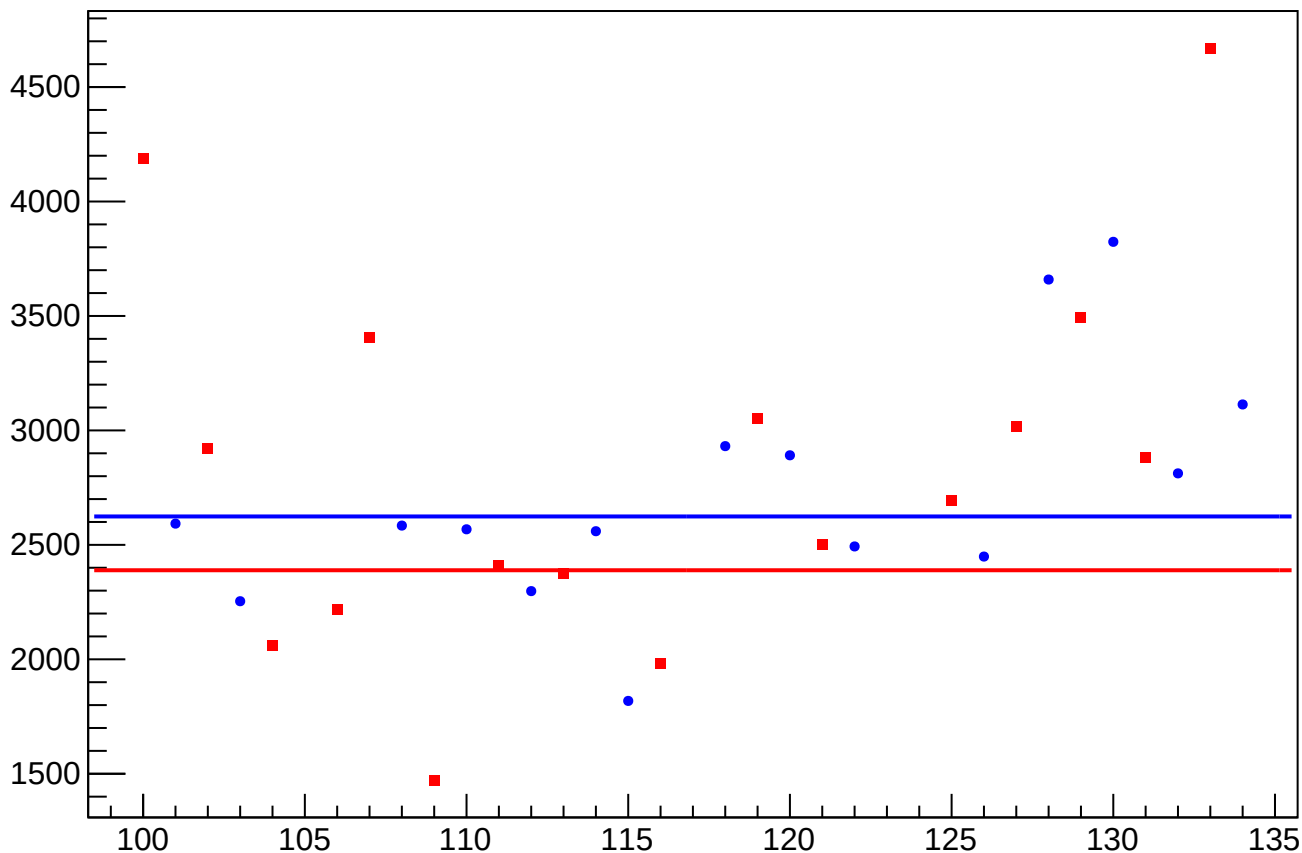
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1303.089+/-720.352 χ^2/NDF : 28.8/30

- 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+/-0.750 χ^2/NDF : 335743.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2389.099+/-0.694 χ^2/NDF : 943524.9/15

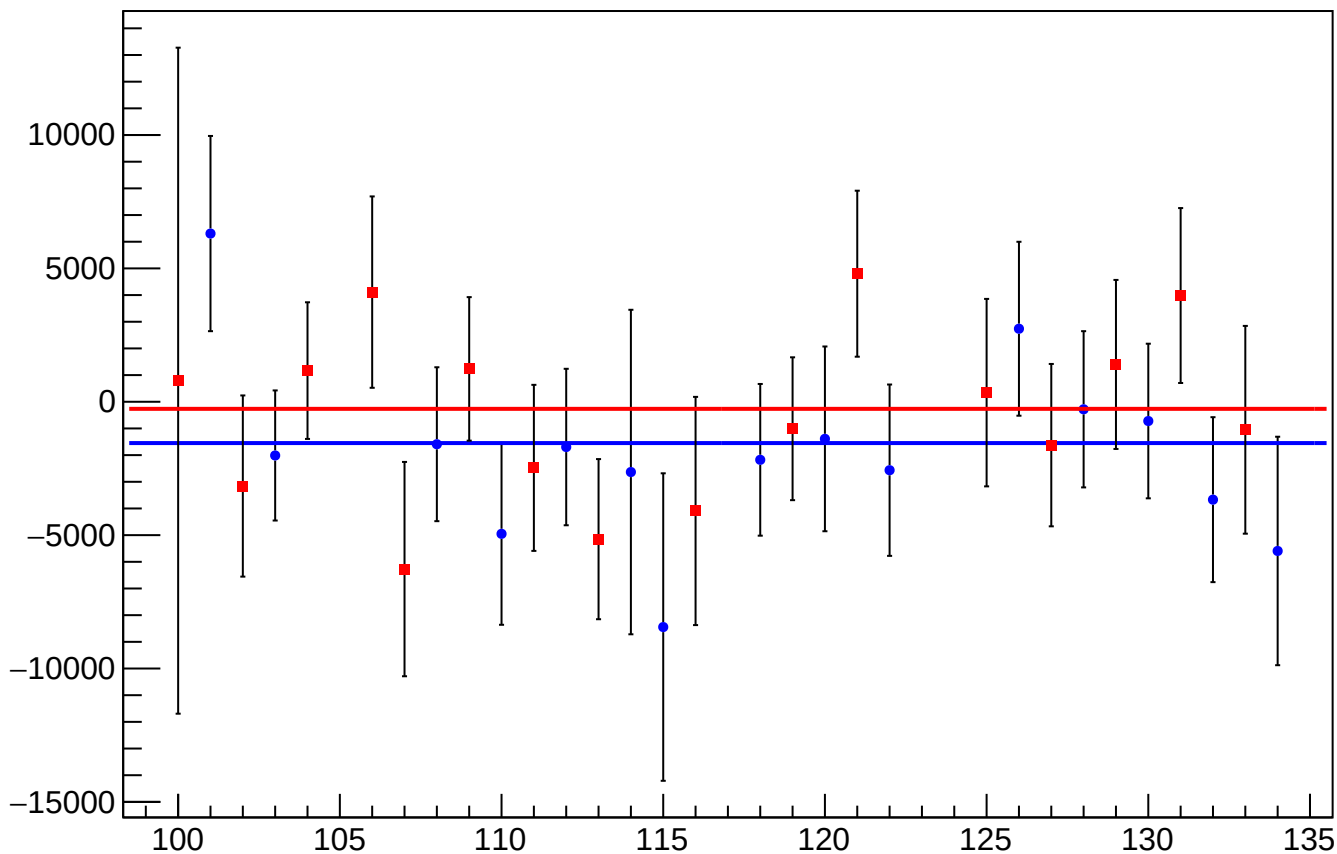
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2497.553+/-0.509 χ^2/NDF : 1332168.3/30

- sign 0.000+/-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: -265.102+/-821.312 χ^2/NDF : 14.0/15

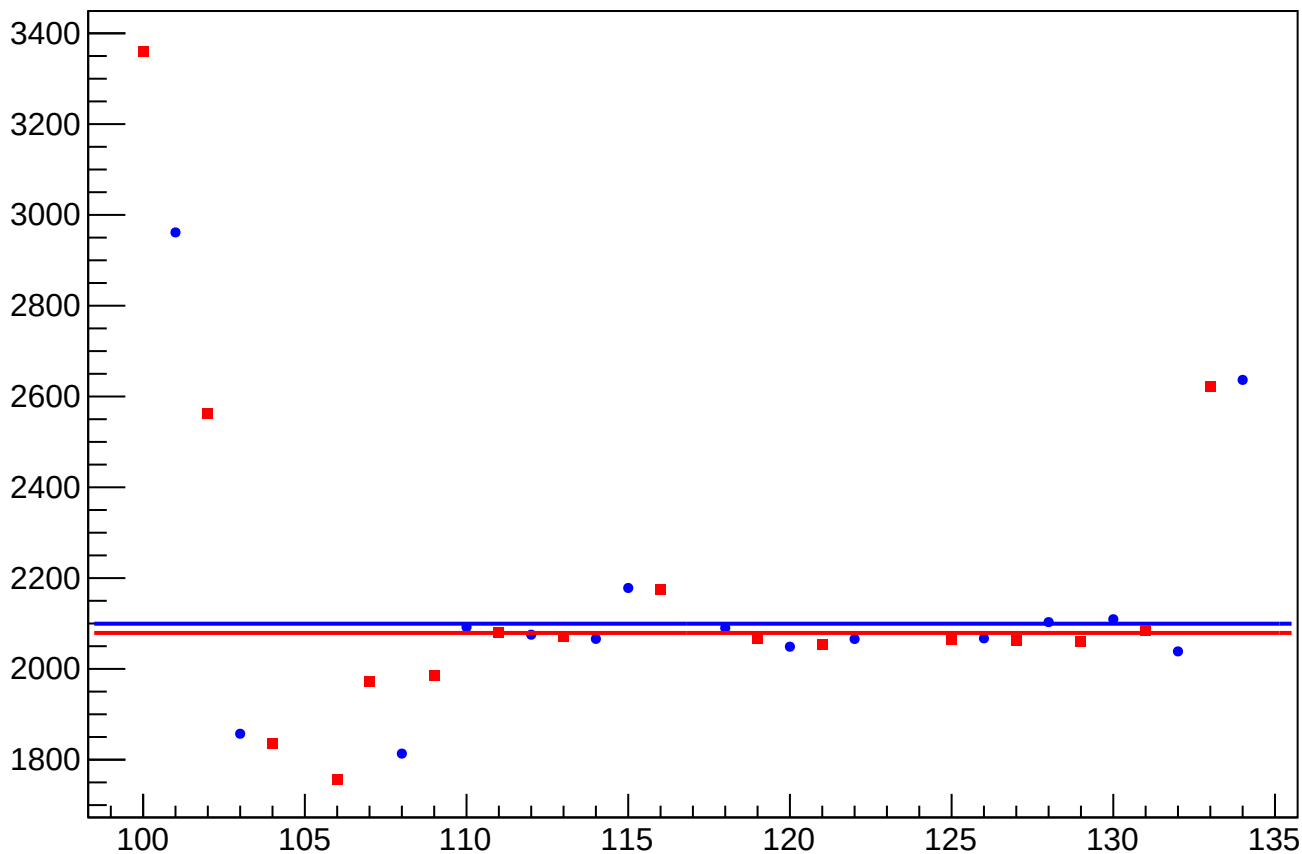
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -891.817+/-587.452 χ^2/NDF : 25.8/30

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

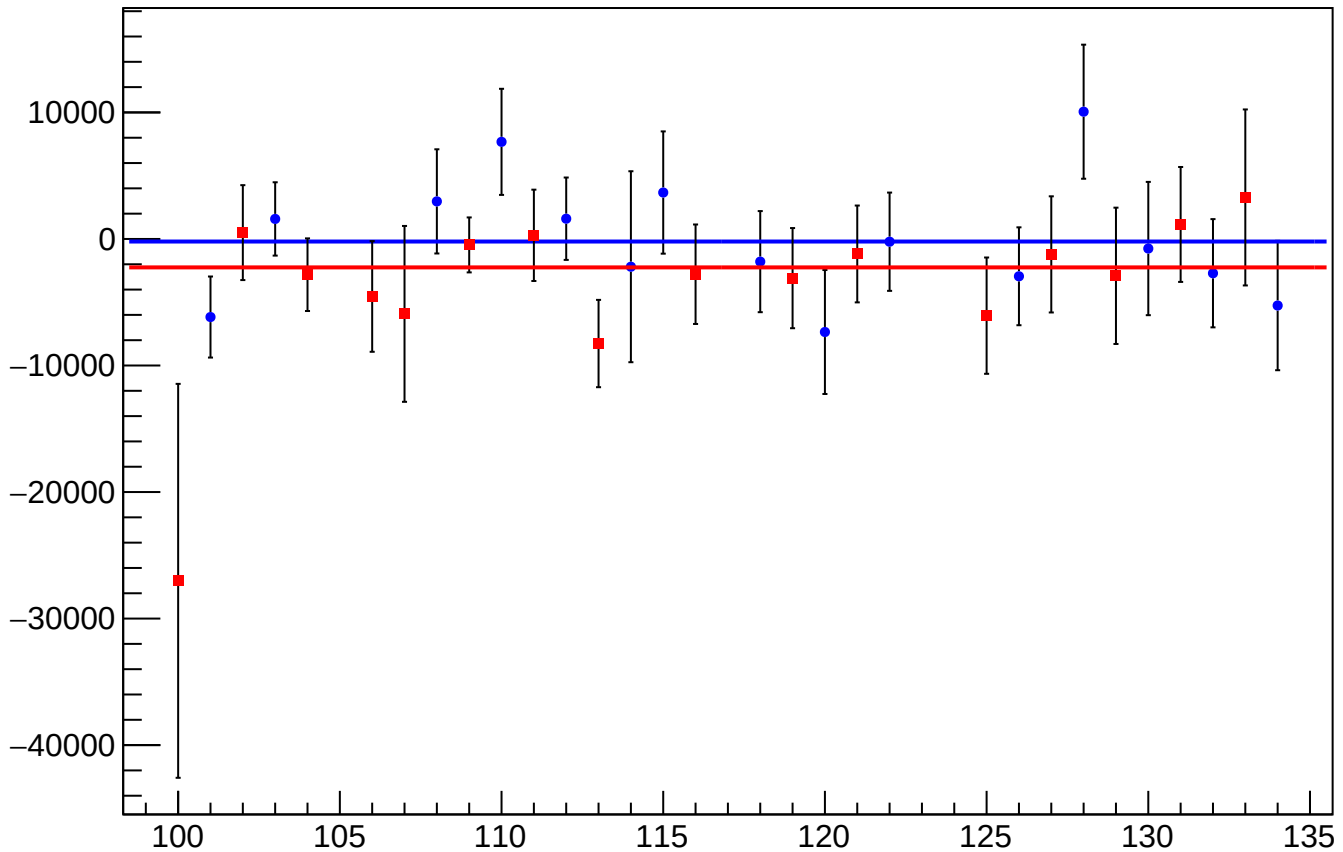
Right Out: 2079.206+/-0.581 χ^2/NDF : 139843.4/15

All: 2089.150+/-0.415 χ^2/NDF : 324528.6/30

- 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_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: -2246.523+/-981.635 χ^2/NDF : 10.0/15

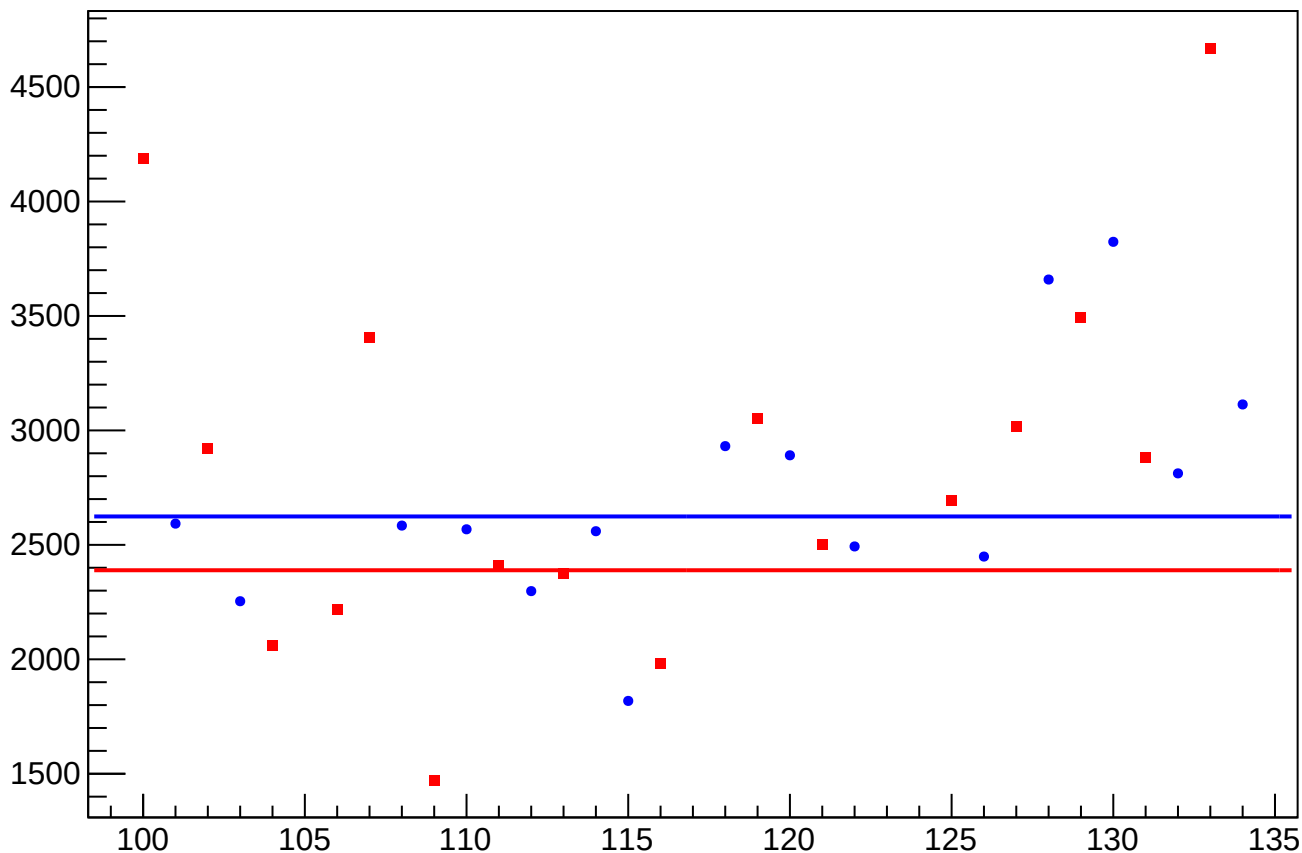
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1303.089+/-720.352 χ^2/NDF : 28.8/30

- 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+/-0.750 χ^2/NDF : 335743.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2389.099+/-0.694 χ^2/NDF : 943524.9/15

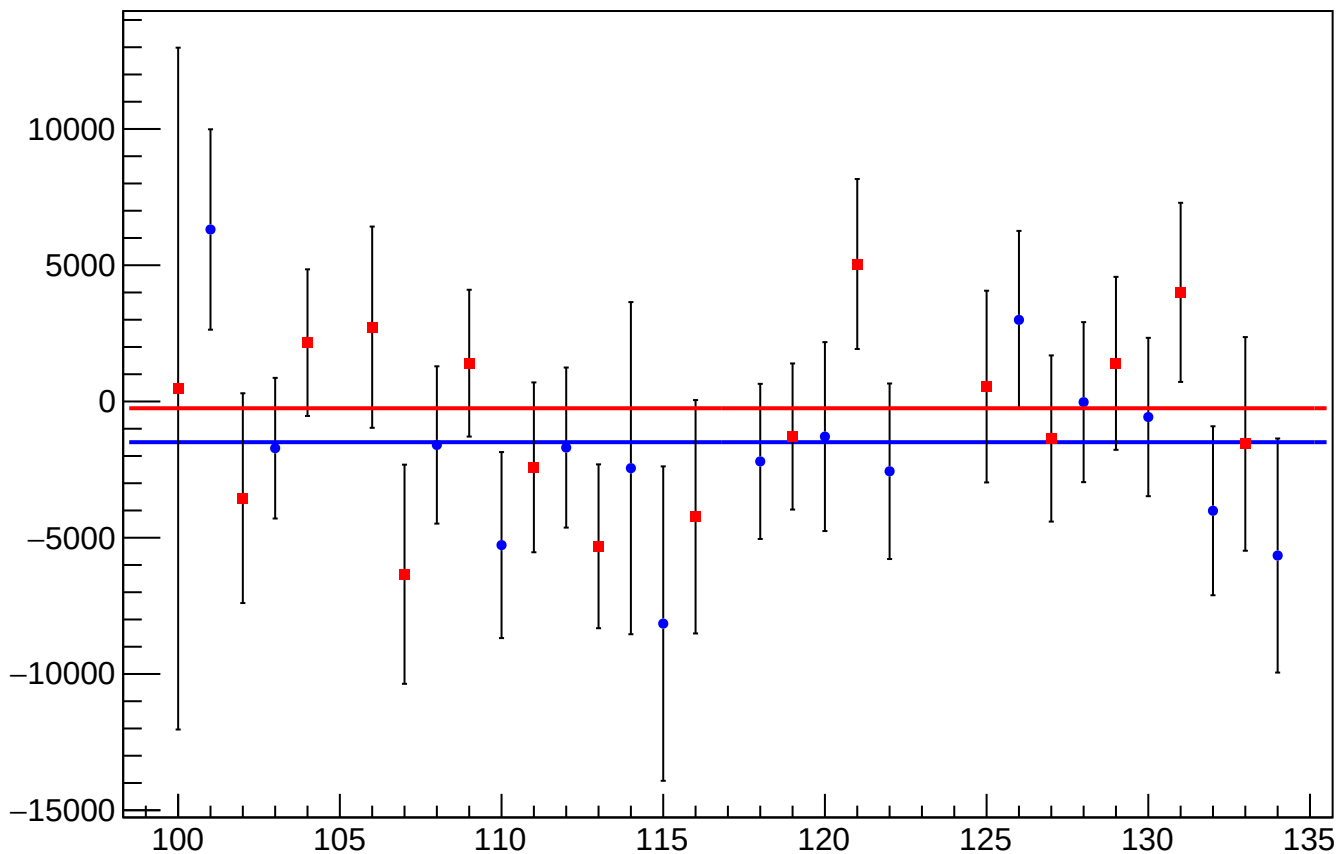
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2497.553+/-0.509 χ^2/NDF : 1332168.3/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1493.874 ± 847.480 χ^2/NDF : 11.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -248.411 ± 833.202 χ^2/NDF : 14.3/15

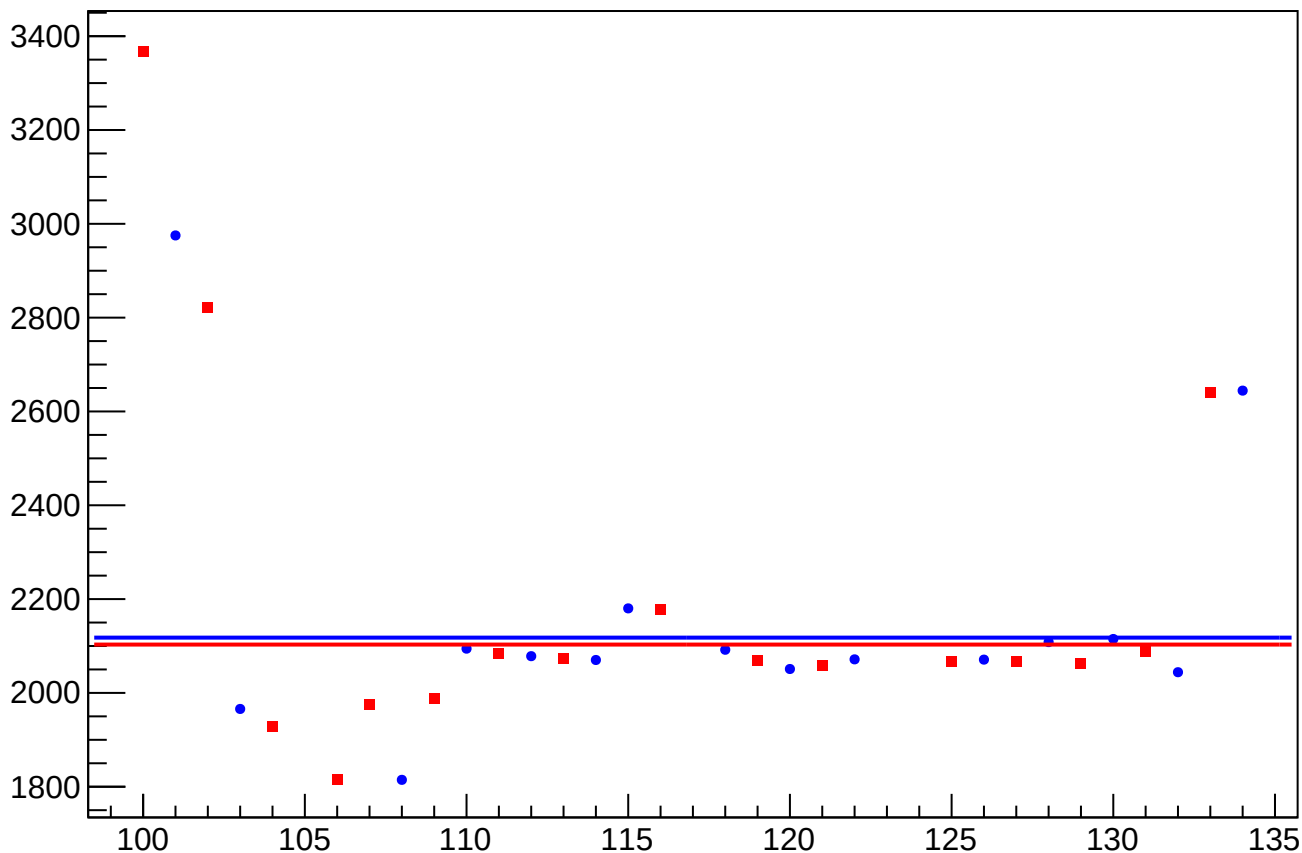
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -860.562 ± 594.146 χ^2/NDF : 26.5/30

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2117.857+/-0.599 χ^2/NDF : 171508.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2103.037+/-0.589 χ^2/NDF : 156199.8/15

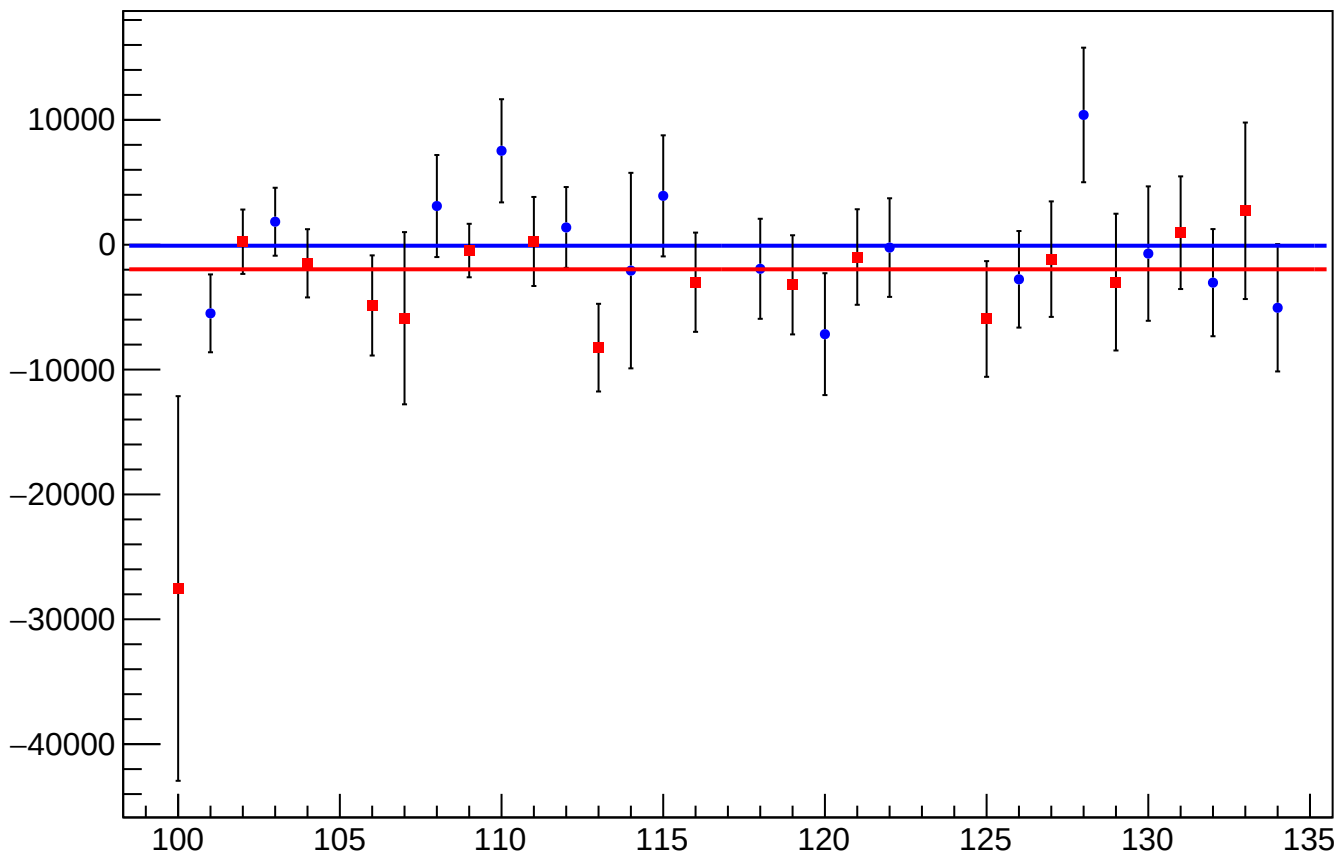
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2110.321+/-0.420 χ^2/NDF : 328018.9/30

- sign 0.000+/-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: -1968.873 ± 936.476 χ^2/NDF : 10.3/15

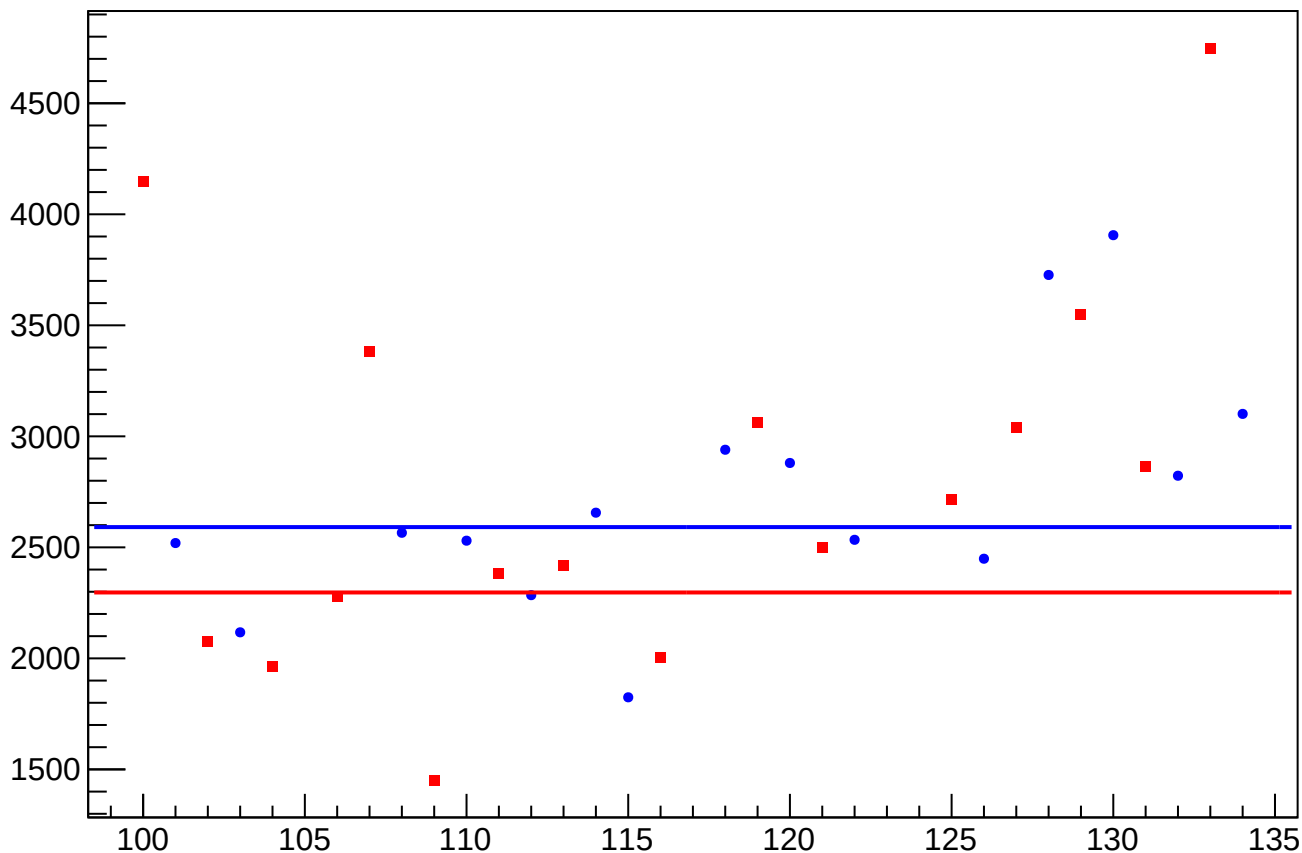
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1131.517 ± 698.823 χ^2/NDF : 28.6/30

- 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+/-0.742 χ^2/NDF : 389410.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

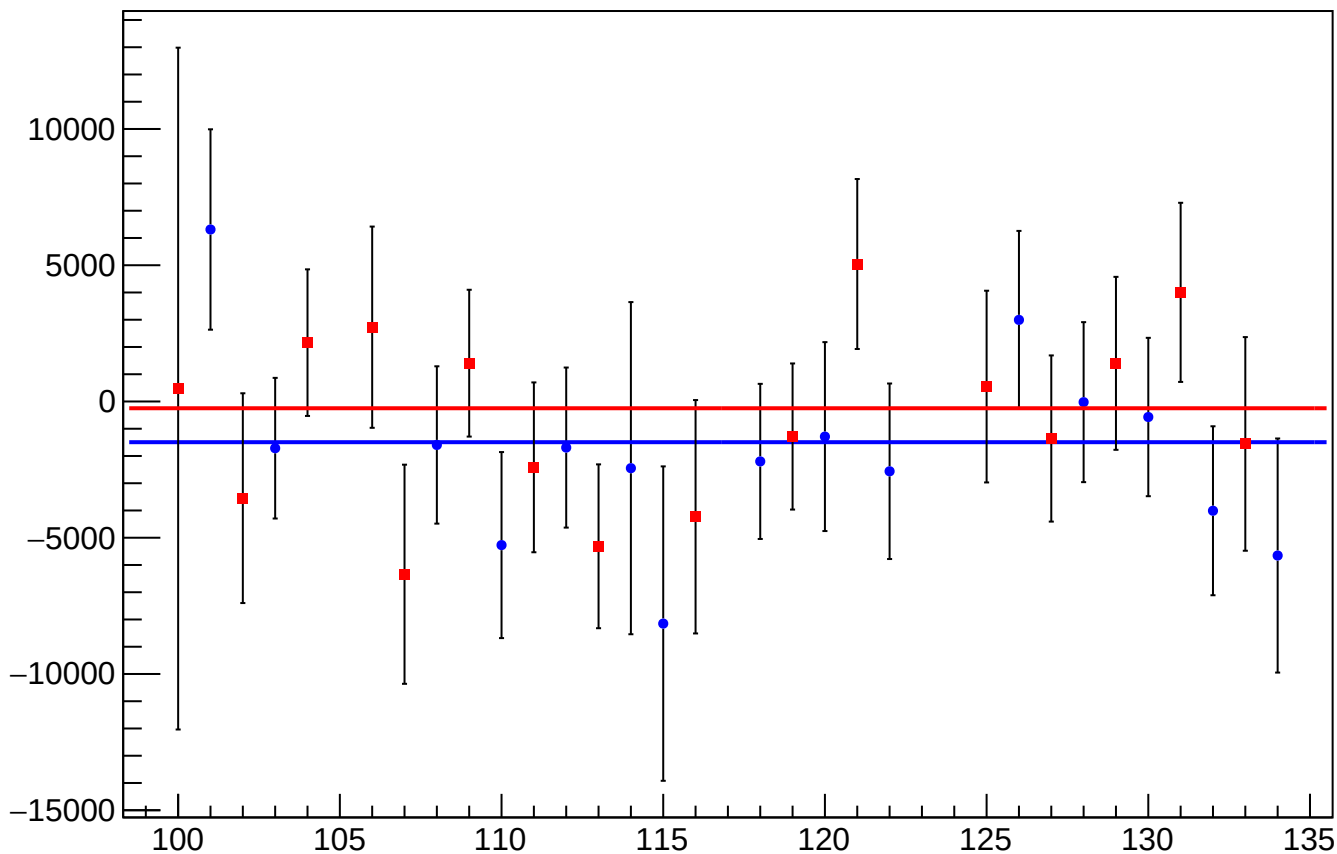
Right Out: 2296.816+/-0.662 χ^2/NDF : 973456.7/15

All: 2427.294+/-0.494 χ^2/NDF : 1450479.7/30

- 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_at2lr_dd_avg_mean vs Slug



Right In: -1493.869 $\pm$ 847.480 χ^2 /NDF: 11.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -248.406 $\pm$ 833.202 χ^2 /NDF: 14.3/15

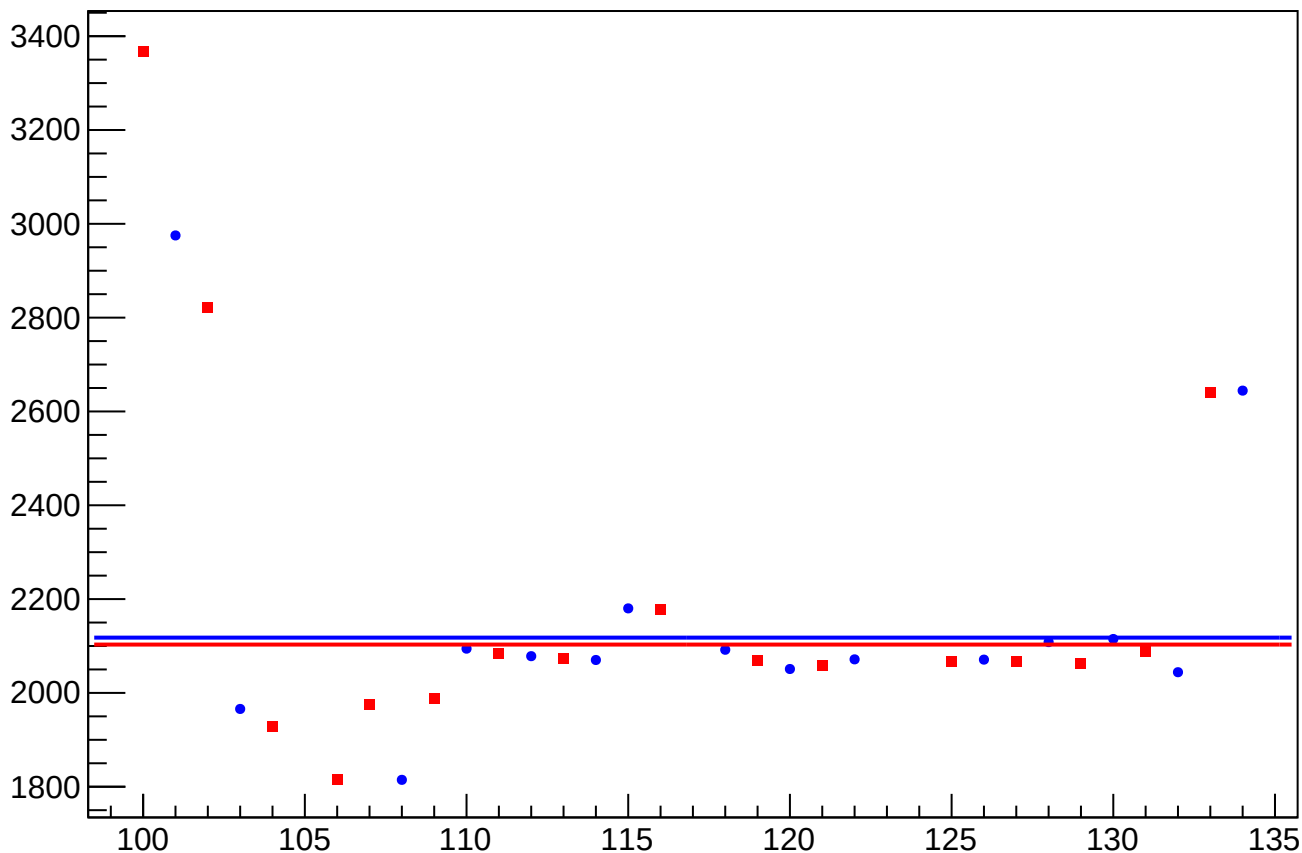
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -860.557 $\pm$ 594.146 χ^2 /NDF: 26.5/30

- sign 0.000 $\pm$ 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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

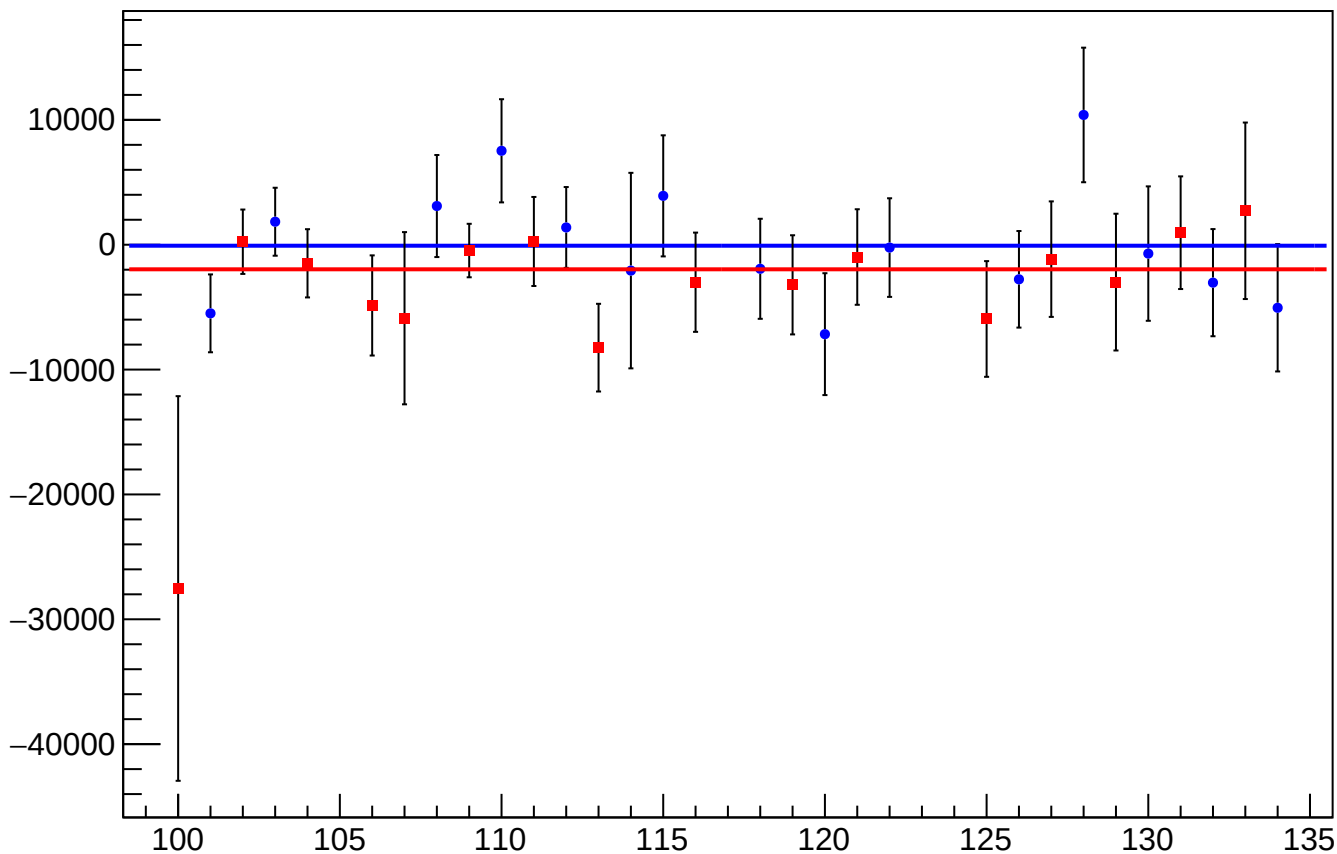
Right Out: 2103.037 $\pm$ 0.589 χ^2 /NDF: 156199.7/15

All: 2110.321 $\pm$ 0.420 χ^2 /NDF: 328018.8/30

- 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_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: -1968.876 ± 936.476 χ^2/NDF : 10.3/15

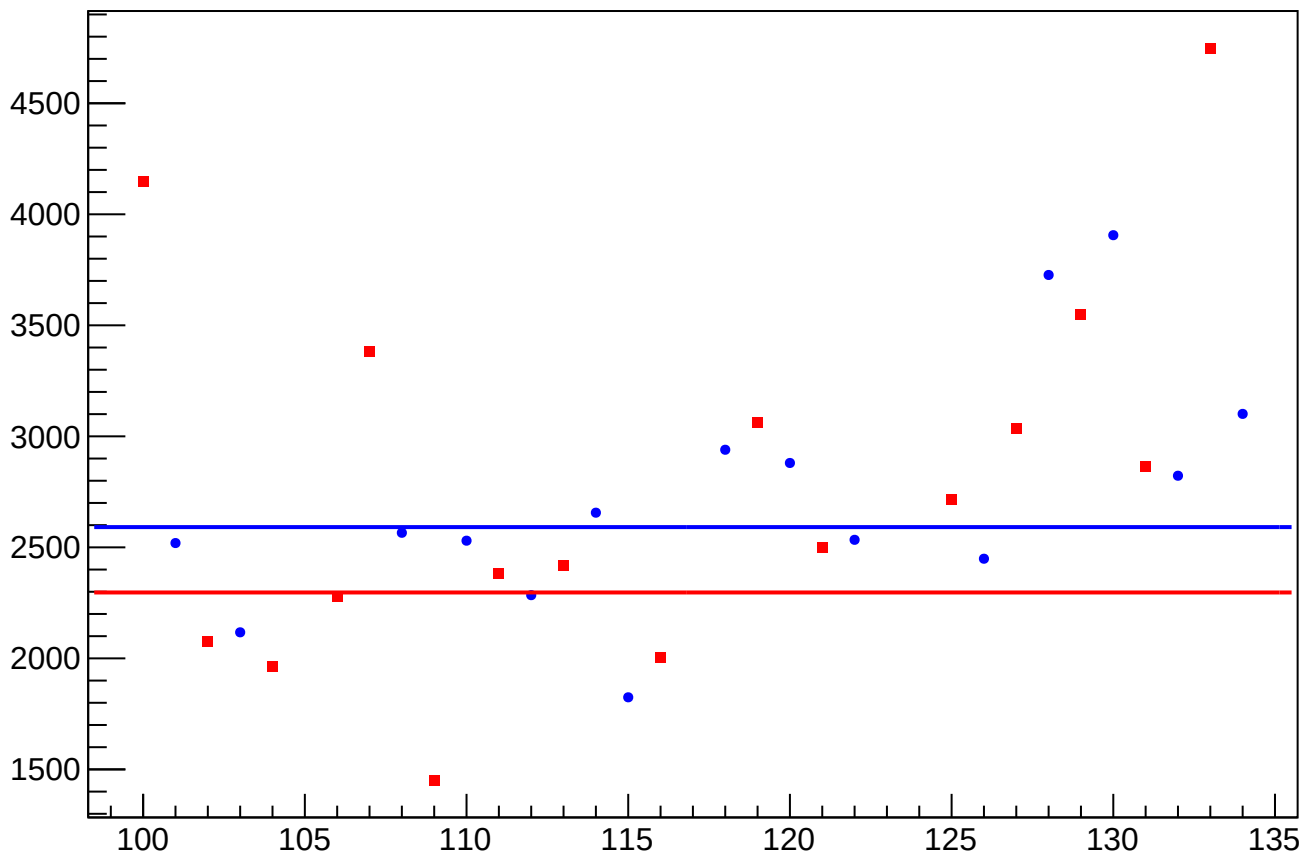
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1131.516 ± 698.822 χ^2/NDF : 28.6/30

- 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+/-0.742 χ^2/NDF : 389403.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

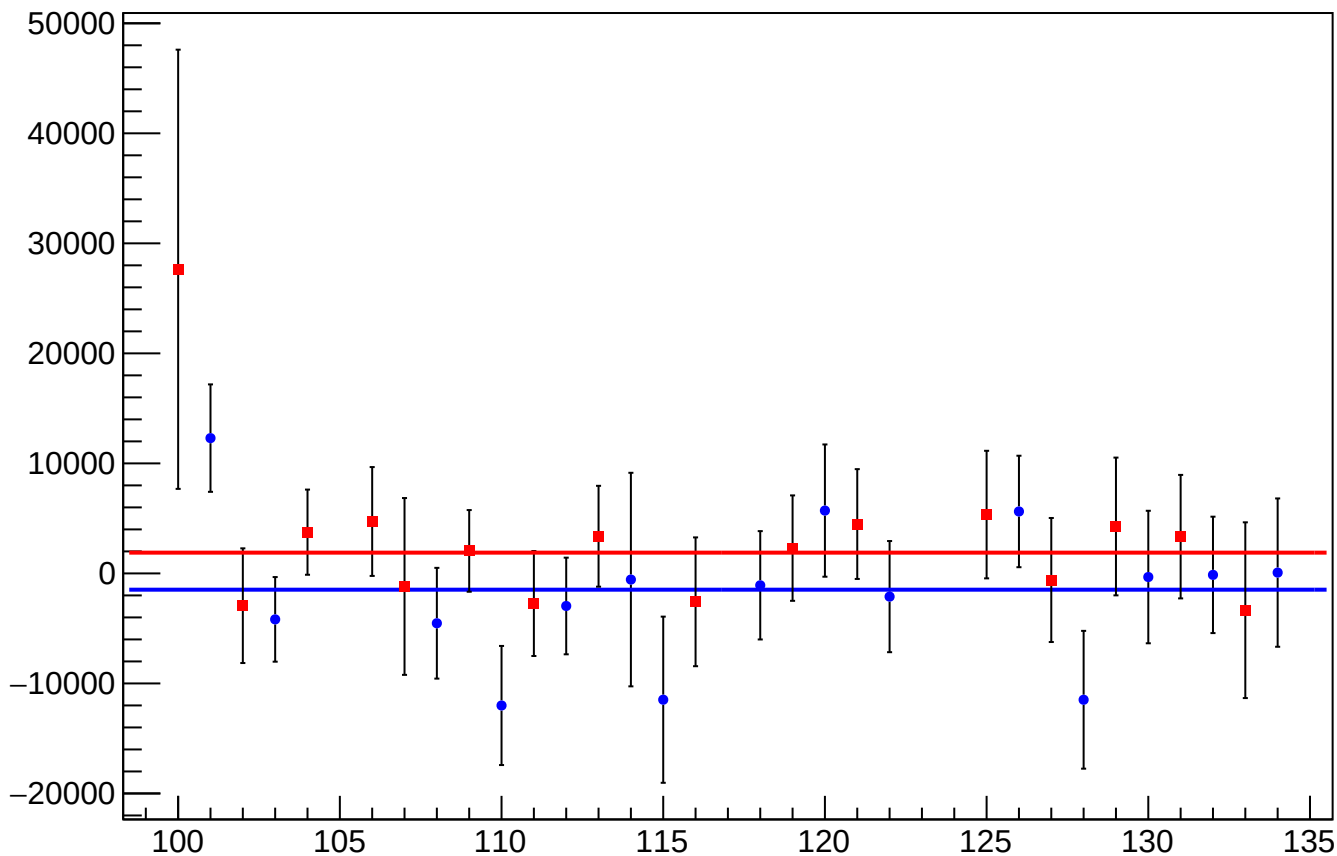
Right Out: 2296.819+/-0.662 χ^2/NDF : 973435.7/15

All: 2427.294+/-0.494 χ^2/NDF : 1450446.7/30

- 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_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: 1887.448+/-1320.376 χ^2/NDF : 6.3/15

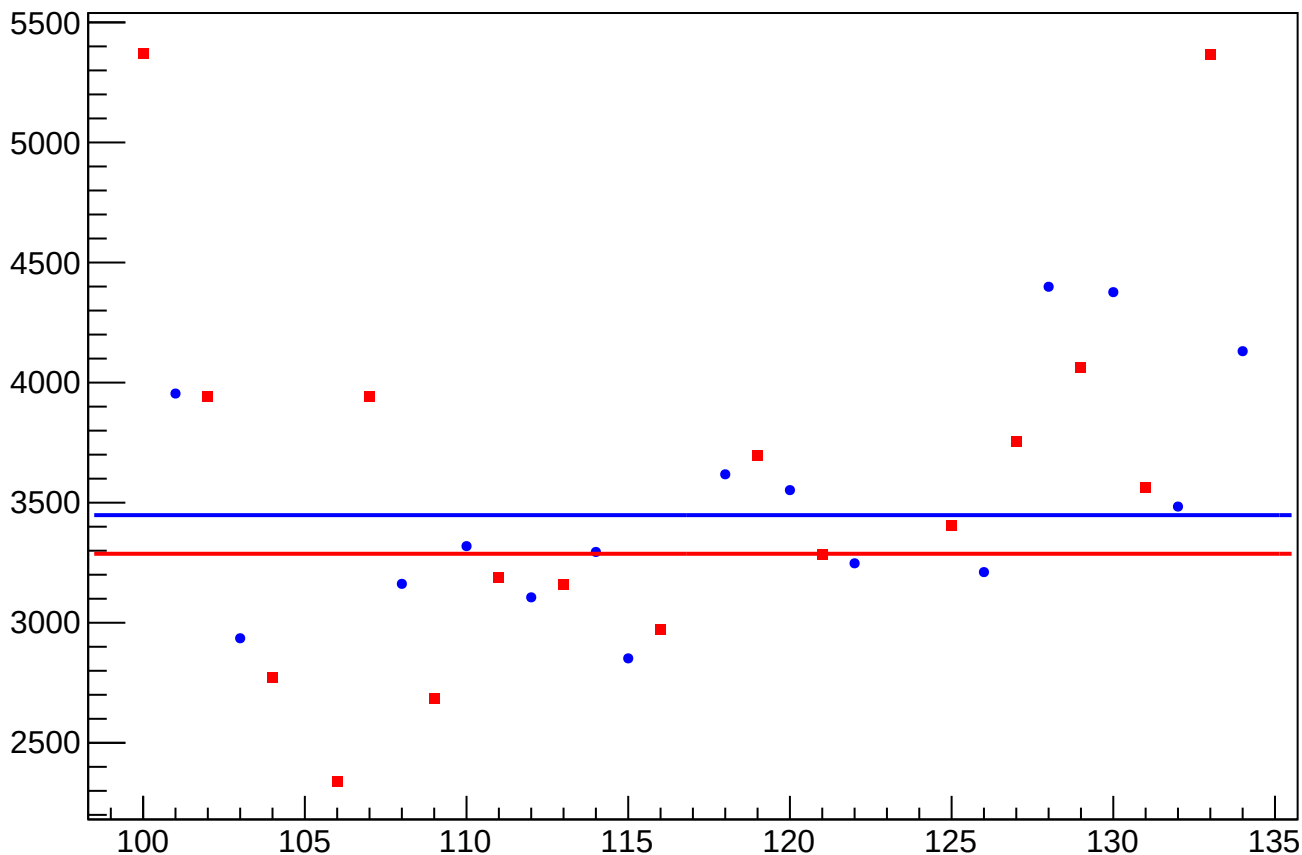
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 284.892+/-955.796 χ^2/NDF : 30.0/30

- 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: 3287.256+/-0.934 χ^2/NDF : 436877.5/15

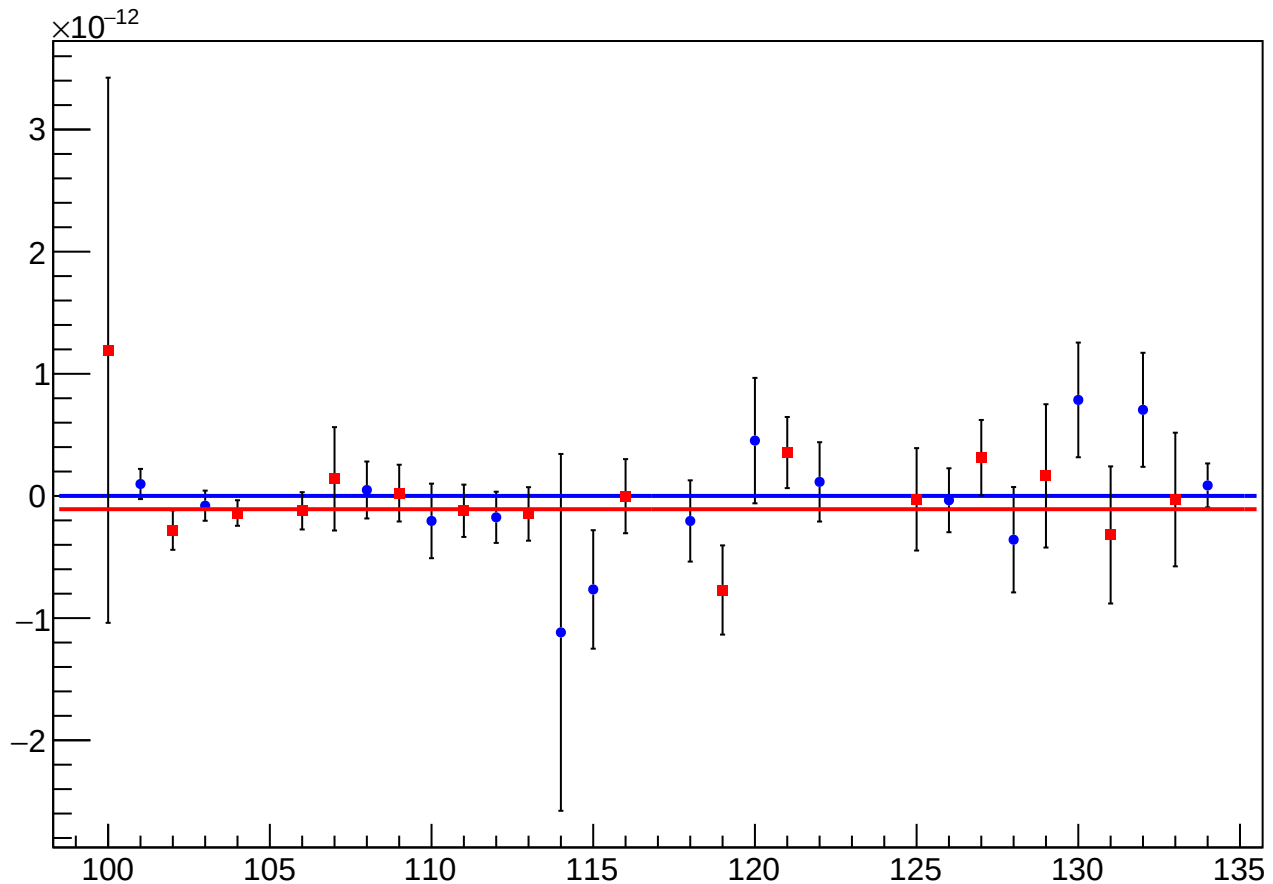
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3363.822+/-0.676 χ^2/NDF : 665589.8/30

- 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: 10.5/15

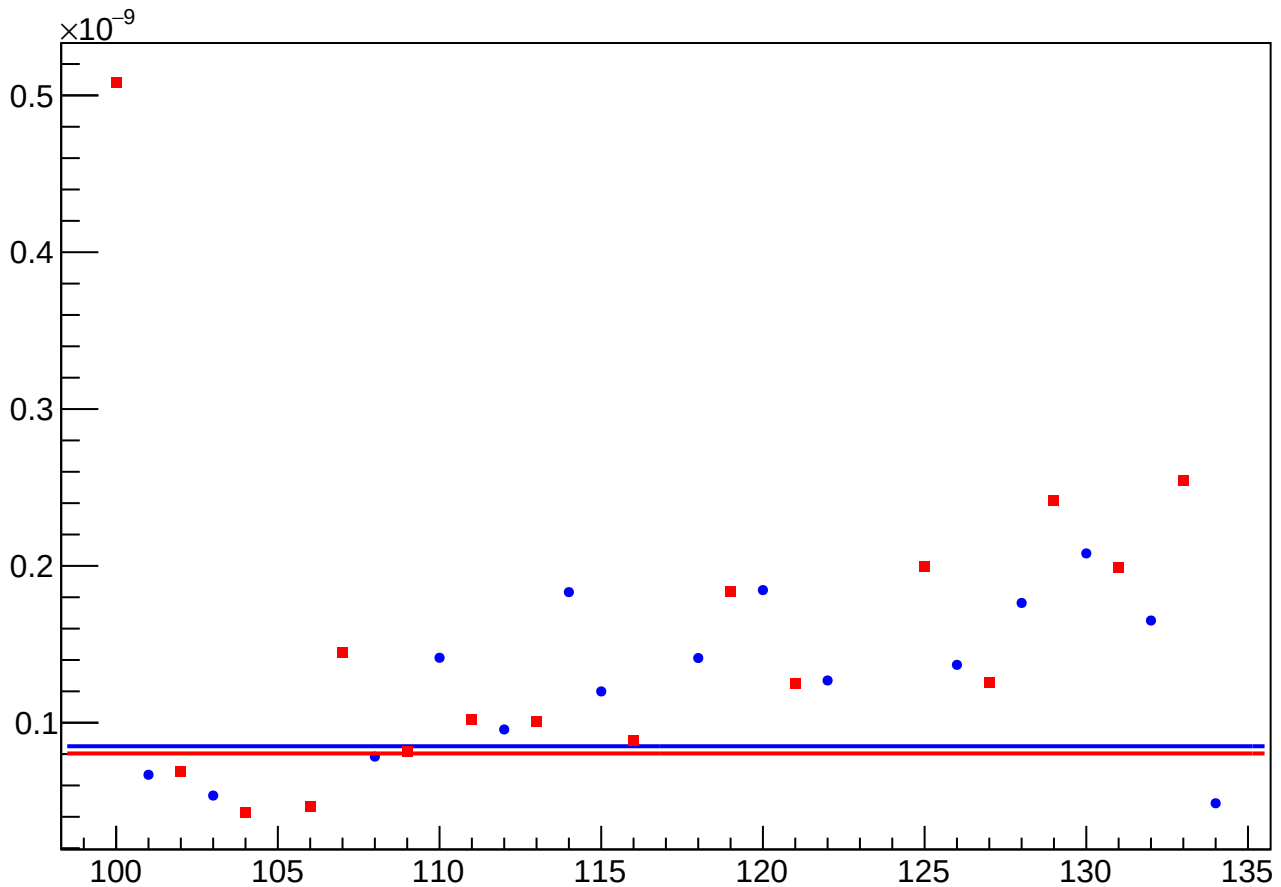
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 24.8/30

- 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+/-0.000 χ^2/NDF : 879847.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1381960.3/15

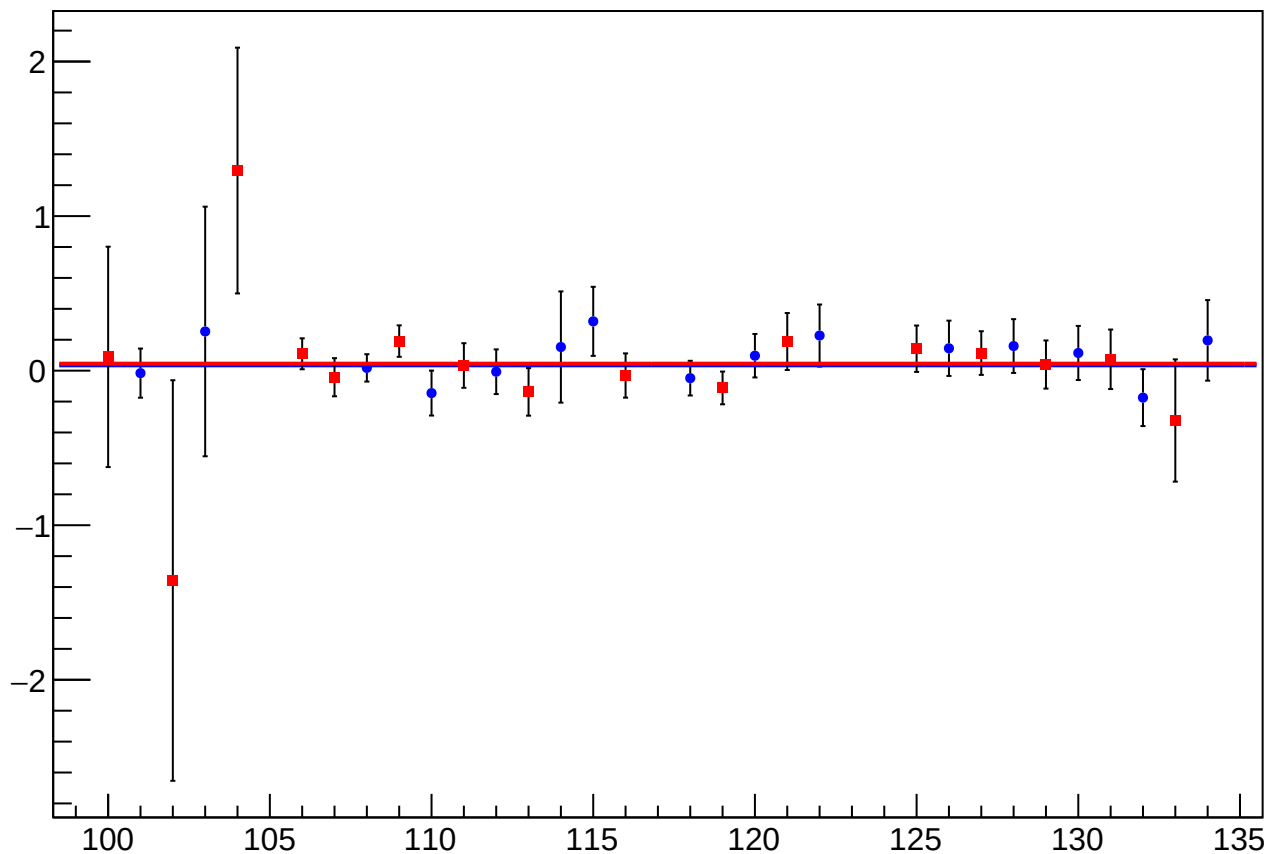
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2267779.2/30

- sign 0.000+/-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: 0.045 $\pm$ 0.038 χ^2 /NDF: 12.7/15

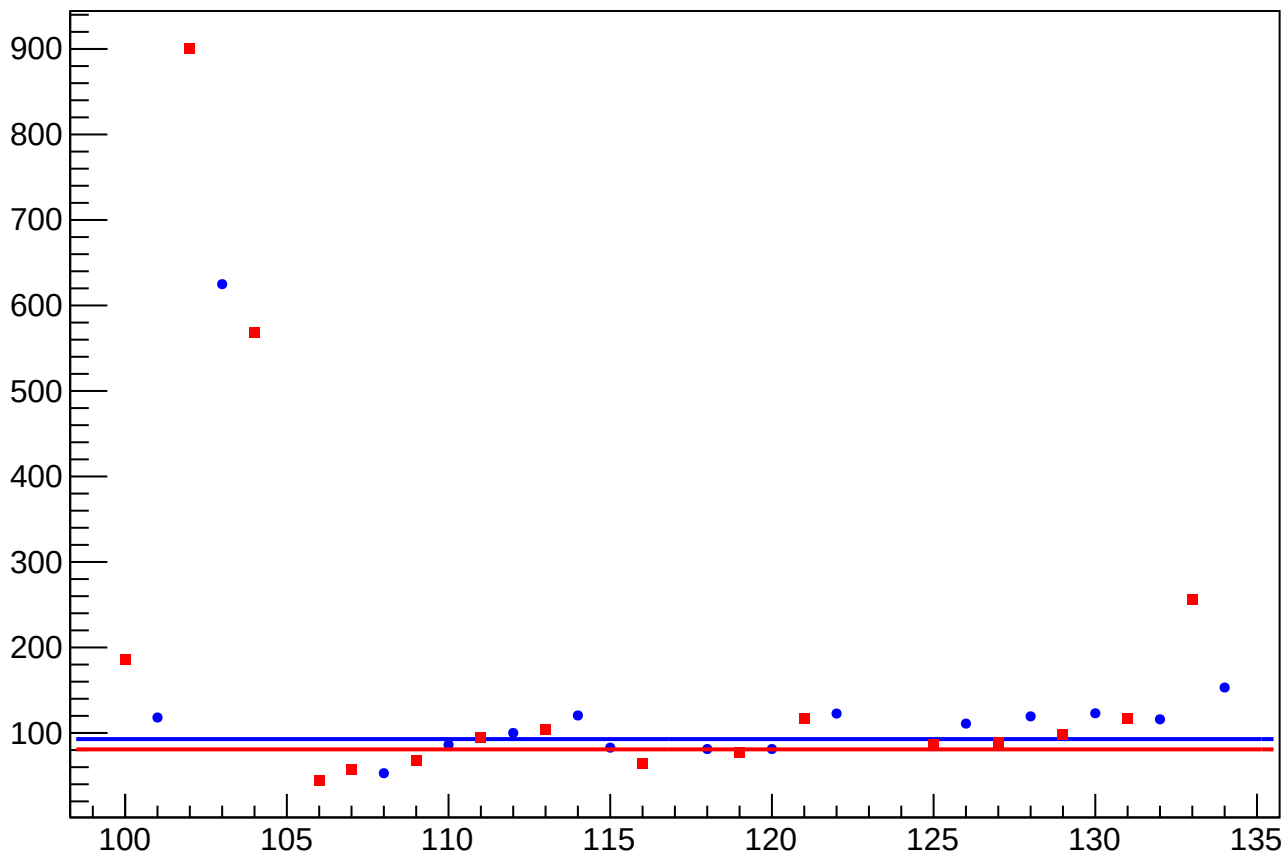
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.040 $\pm$ 0.028 χ^2 /NDF: 20.7/30

- 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 $\pm$ 0.029 χ^2 /NDF: 1694538.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 80.815 $\pm$ 0.027 χ^2 /NDF: 2646359.0/15

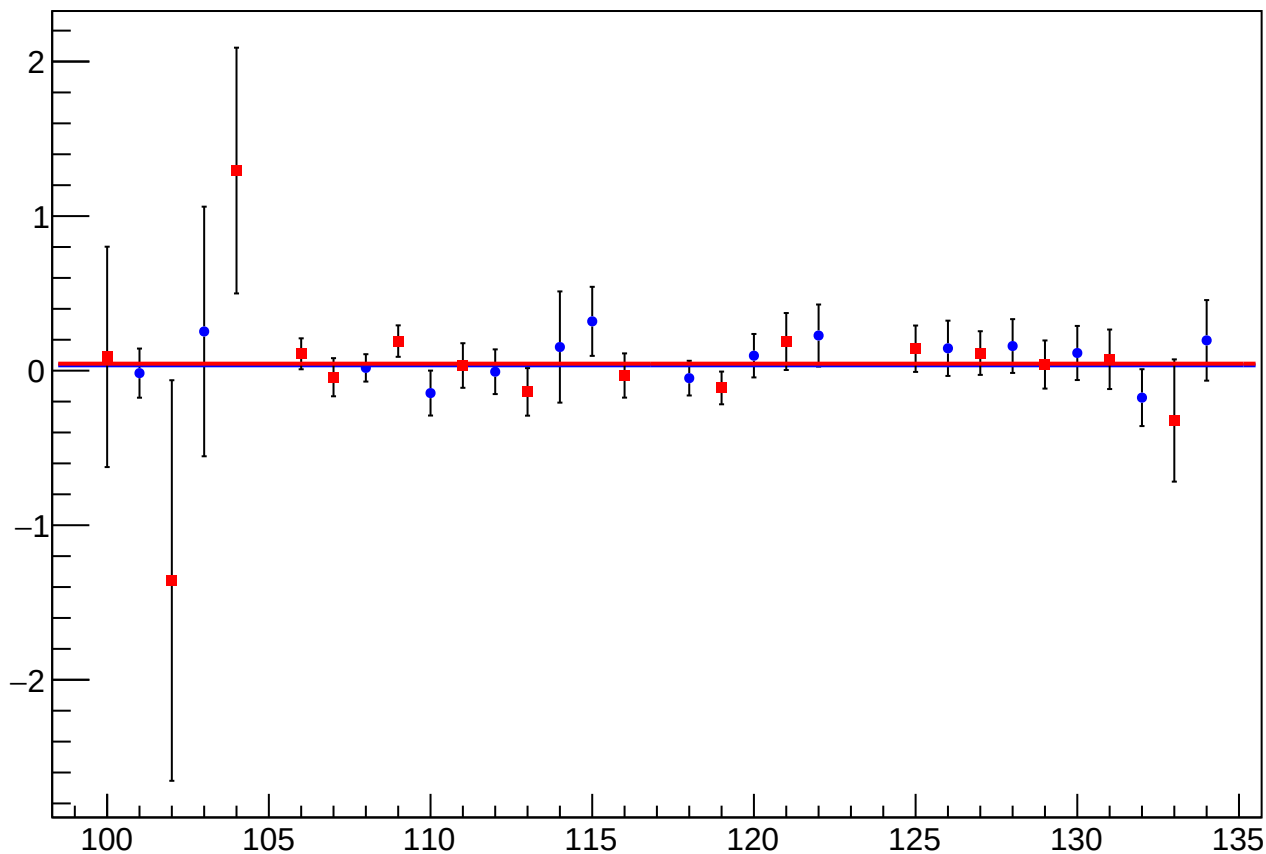
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 86.337 $\pm$ 0.020 χ^2 /NDF: 4433048.6/30

- sign 0.000 $\pm$ 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: 0.045 $\pm$ 0.038 χ^2 /NDF: 12.7/15

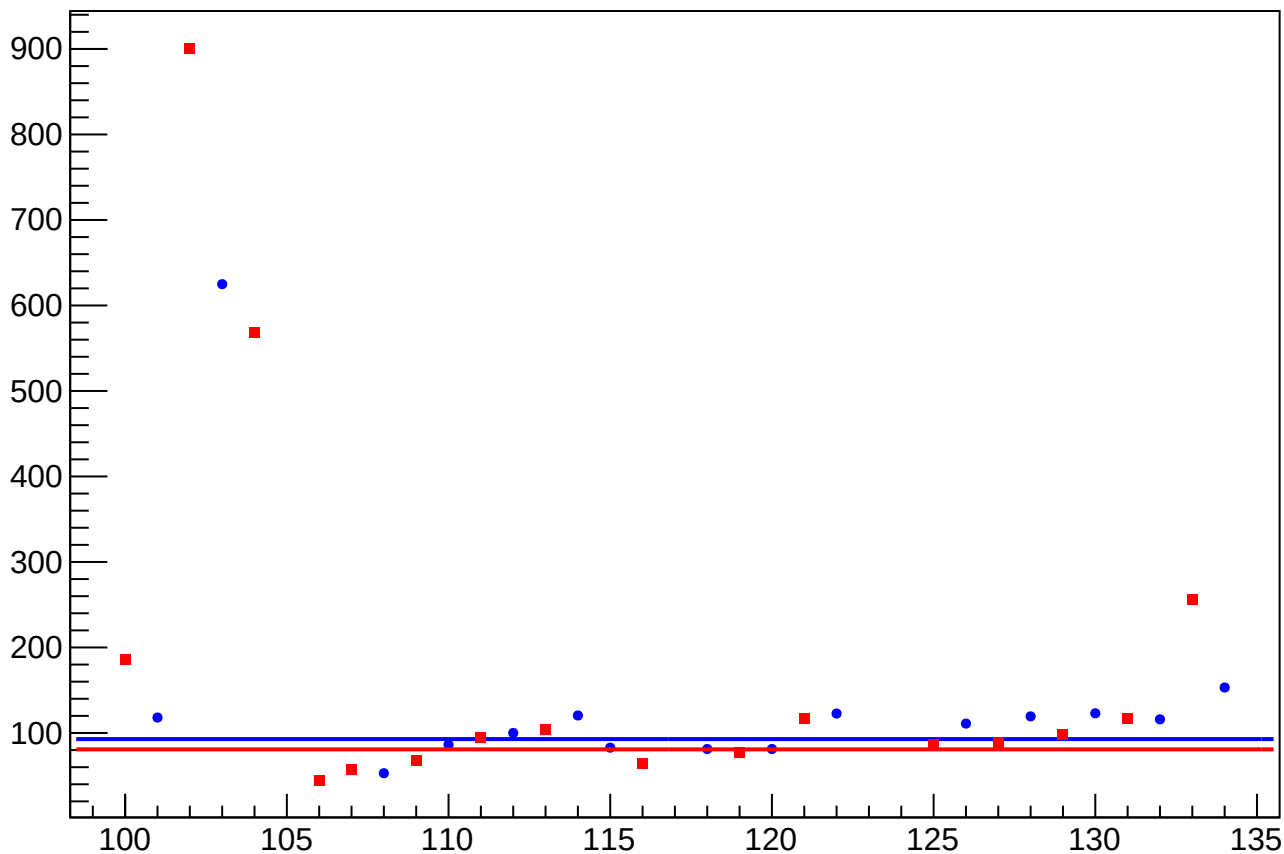
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.040 $\pm$ 0.028 χ^2 /NDF: 20.7/30

- 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: 80.815+/-0.027 χ^2/NDF : 2646359.0/15

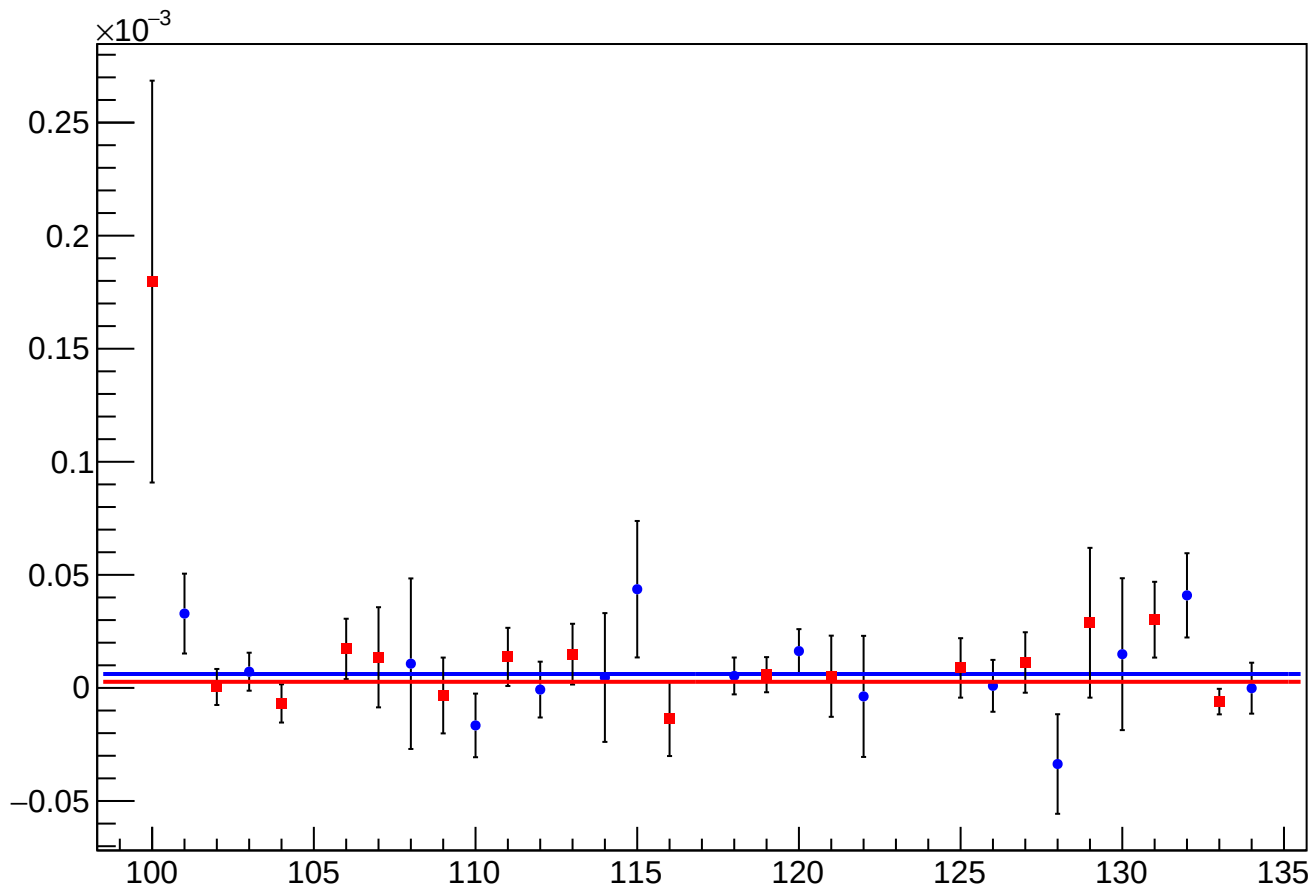
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.337+/-0.020 χ^2/NDF : 4433048.6/30

- 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: 15.9/15

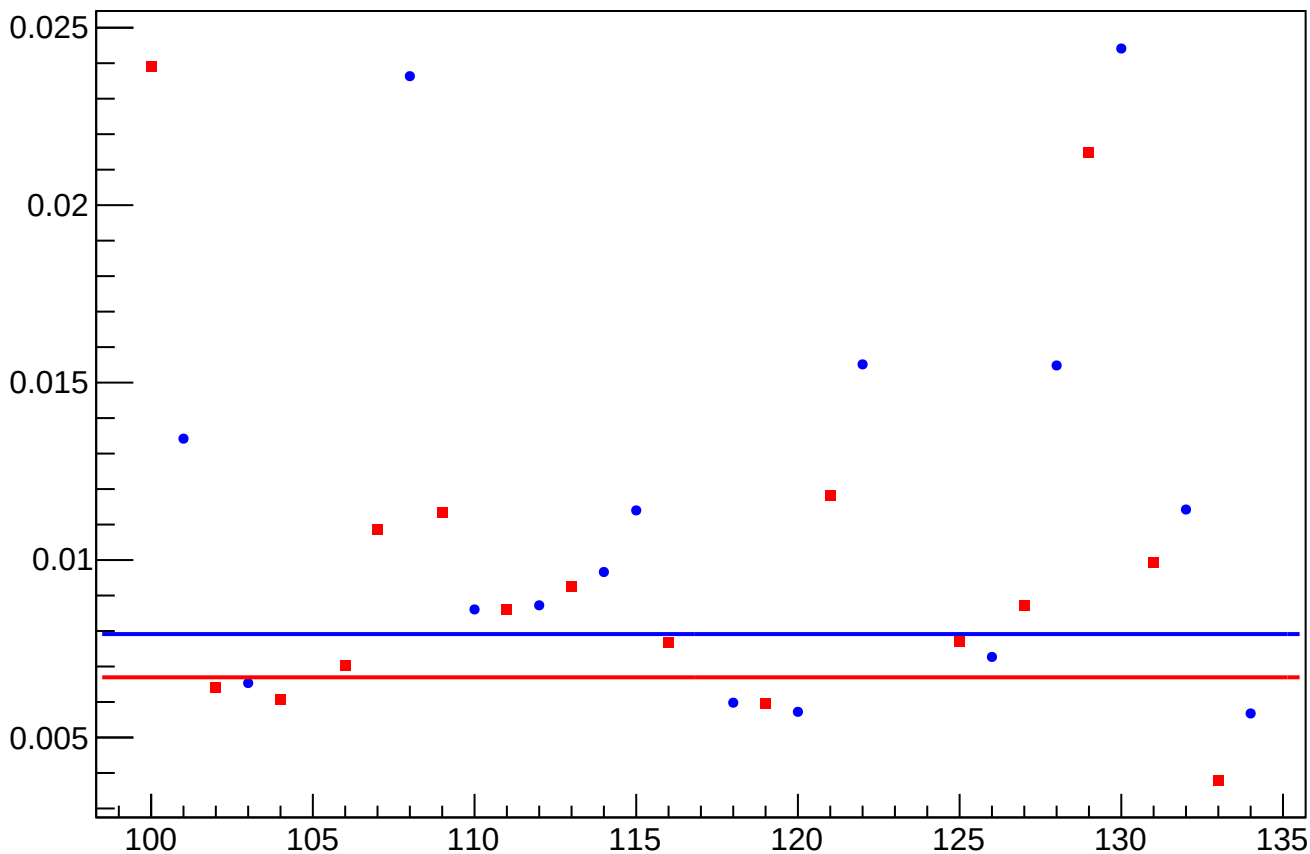
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 31.9/30

- 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 $\pm$ 0.000 χ^2 /NDF: 1894659.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.000 χ^2 /NDF: 1681221.3/15

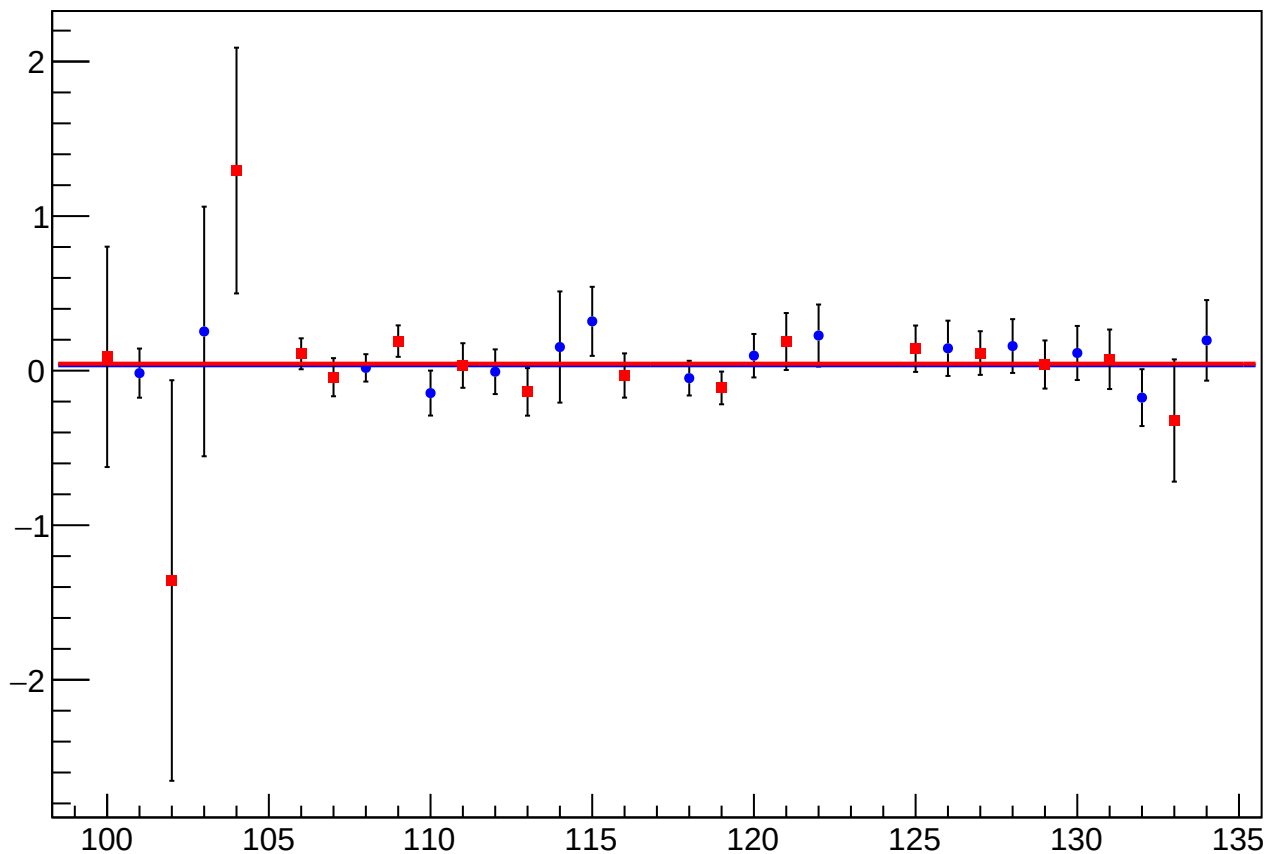
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.000 χ^2 /NDF: 3720369.1/30

- sign 0.000 $\pm$ 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: 0.045 $\pm$ 0.038 χ^2 /NDF: 12.7/15

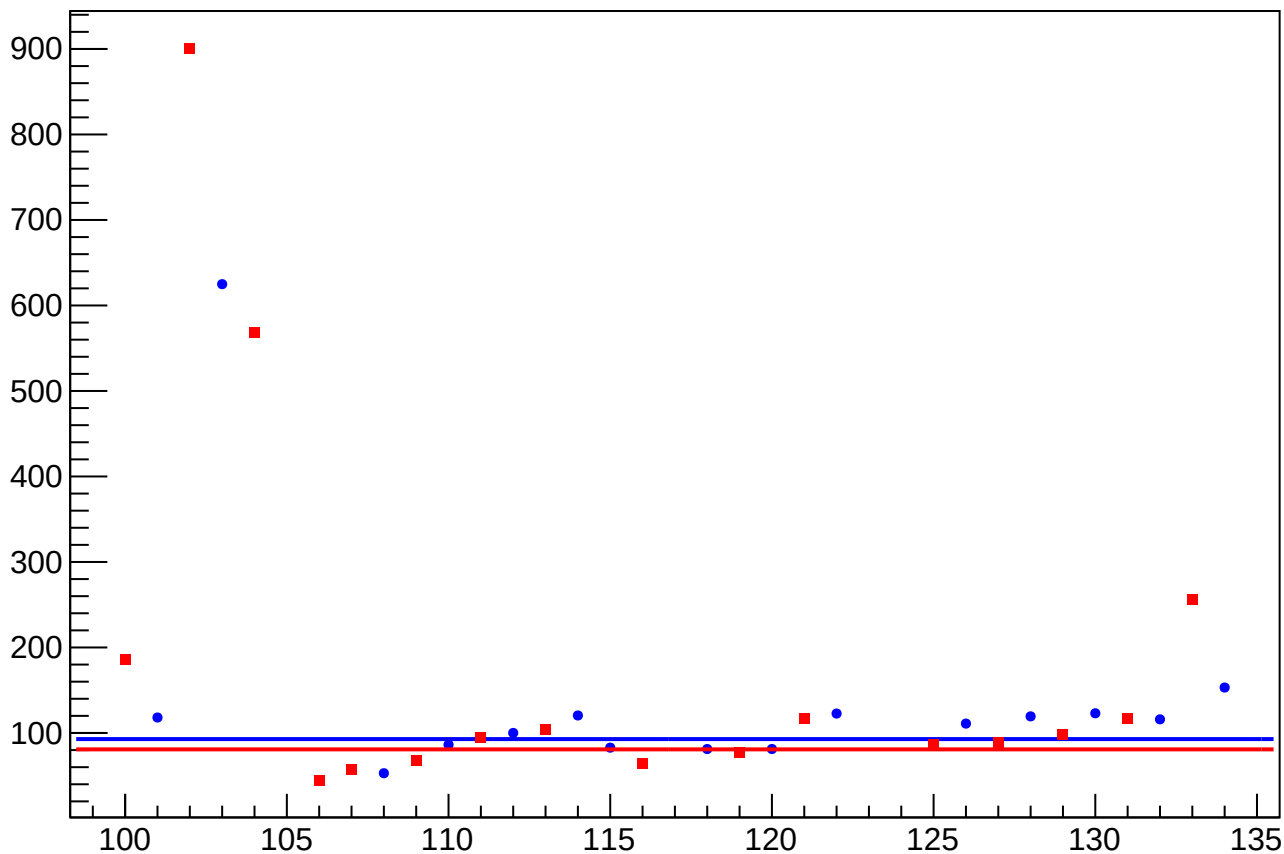
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.040 $\pm$ 0.028 χ^2 /NDF: 20.7/30

- 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 $\pm$ 0.029 χ^2 /NDF: 1694202.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 80.814 $\pm$ 0.027 χ^2 /NDF: 2646326.1/15

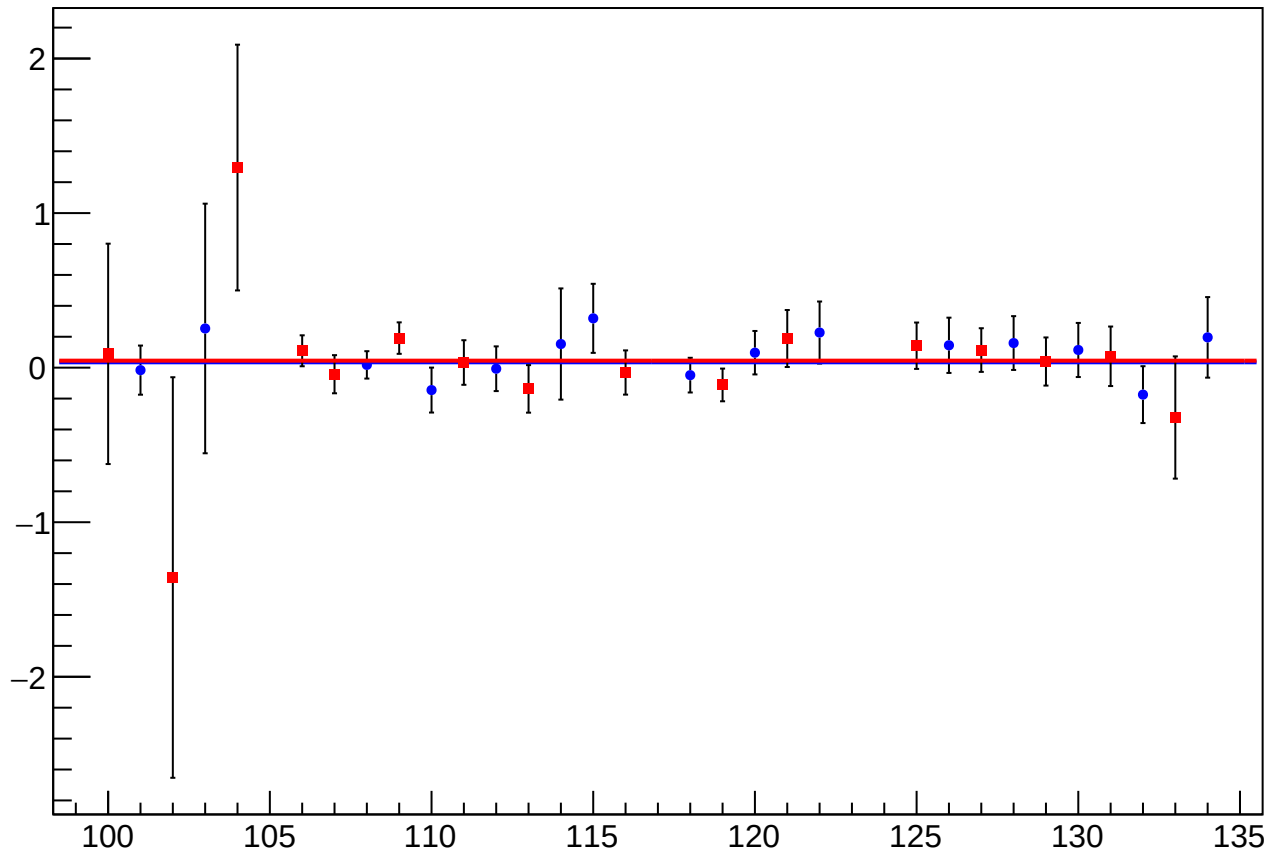
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 86.338 $\pm$ 0.020 χ^2 /NDF: 4432747.9/30

- sign 0.000 $\pm$ 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: 0.045 $\pm$ 0.038 χ^2 /NDF: 12.7/15

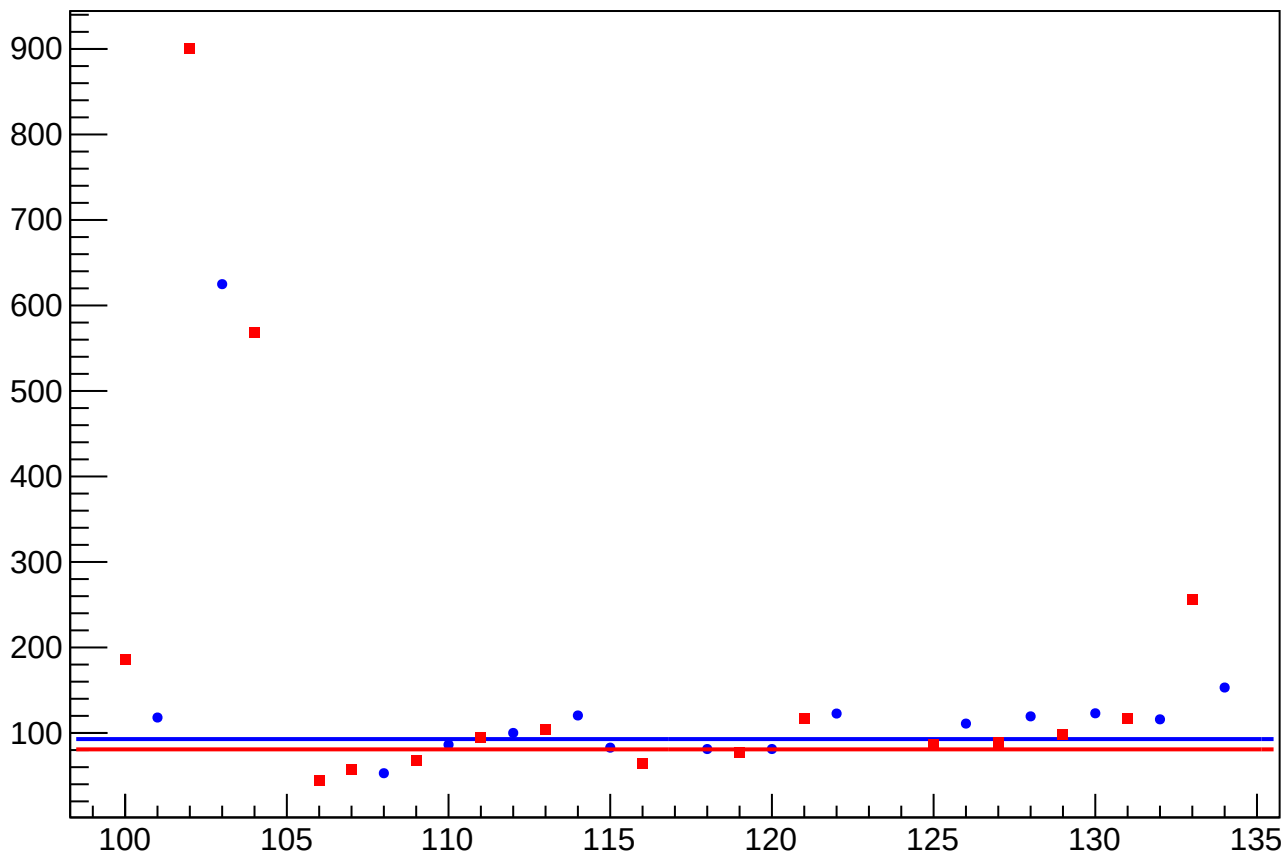
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.040 $\pm$ 0.028 χ^2 /NDF: 20.7/30

- 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: 80.814+/-0.027 χ^2/NDF : 2646326.1/15

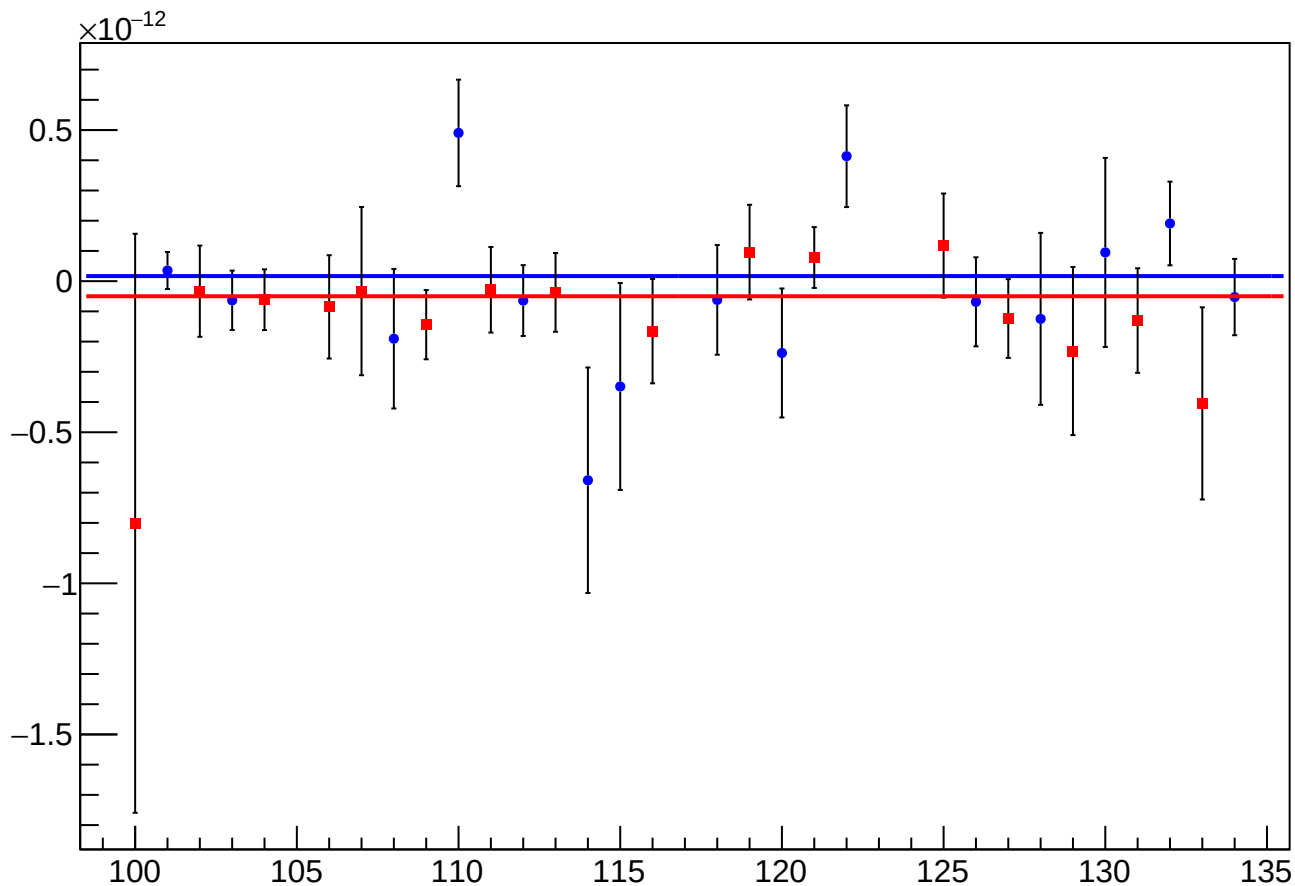
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.338+/-0.020 χ^2/NDF : 4432747.9/30

- 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: 7.5/15

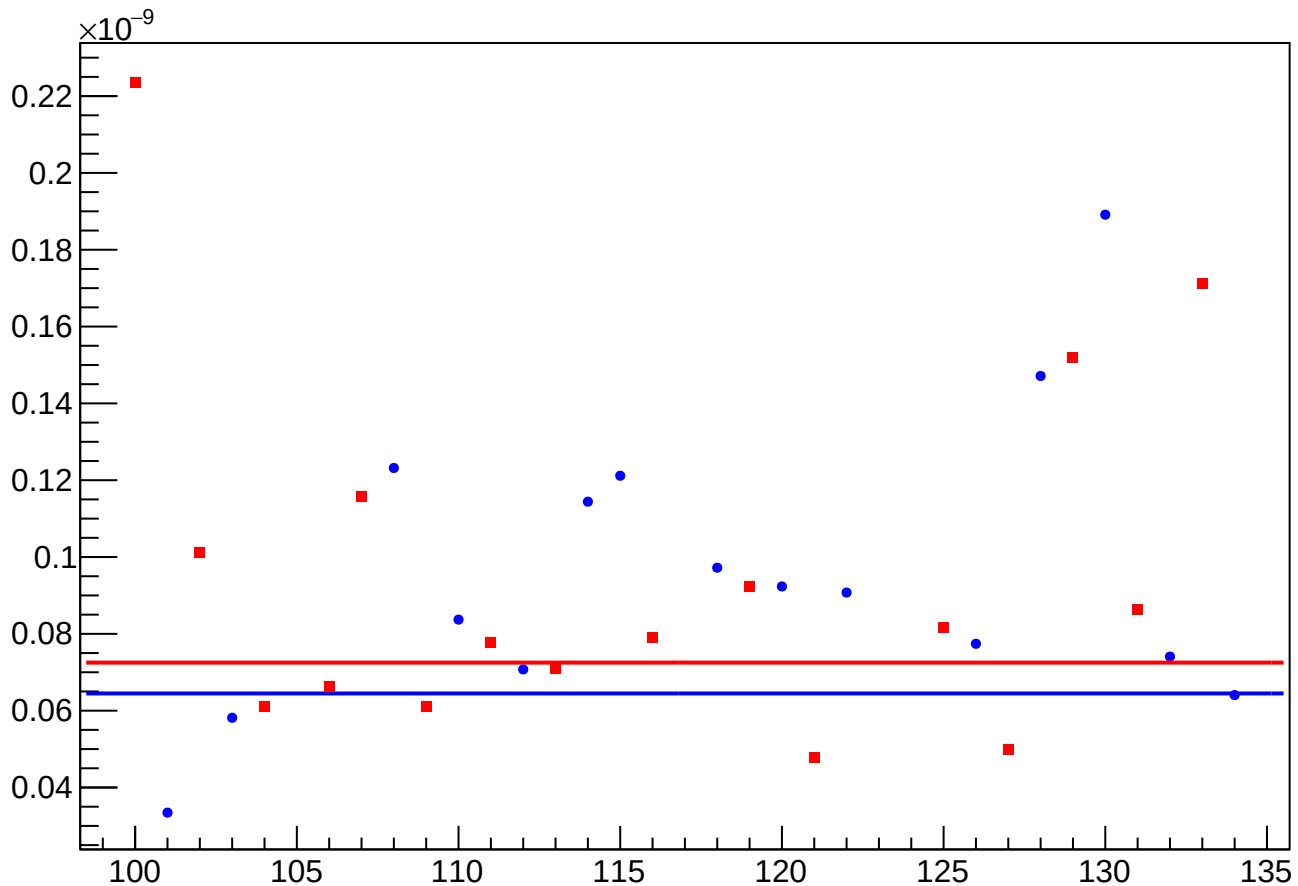
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 32.5/30

- 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 : 810031.6/15

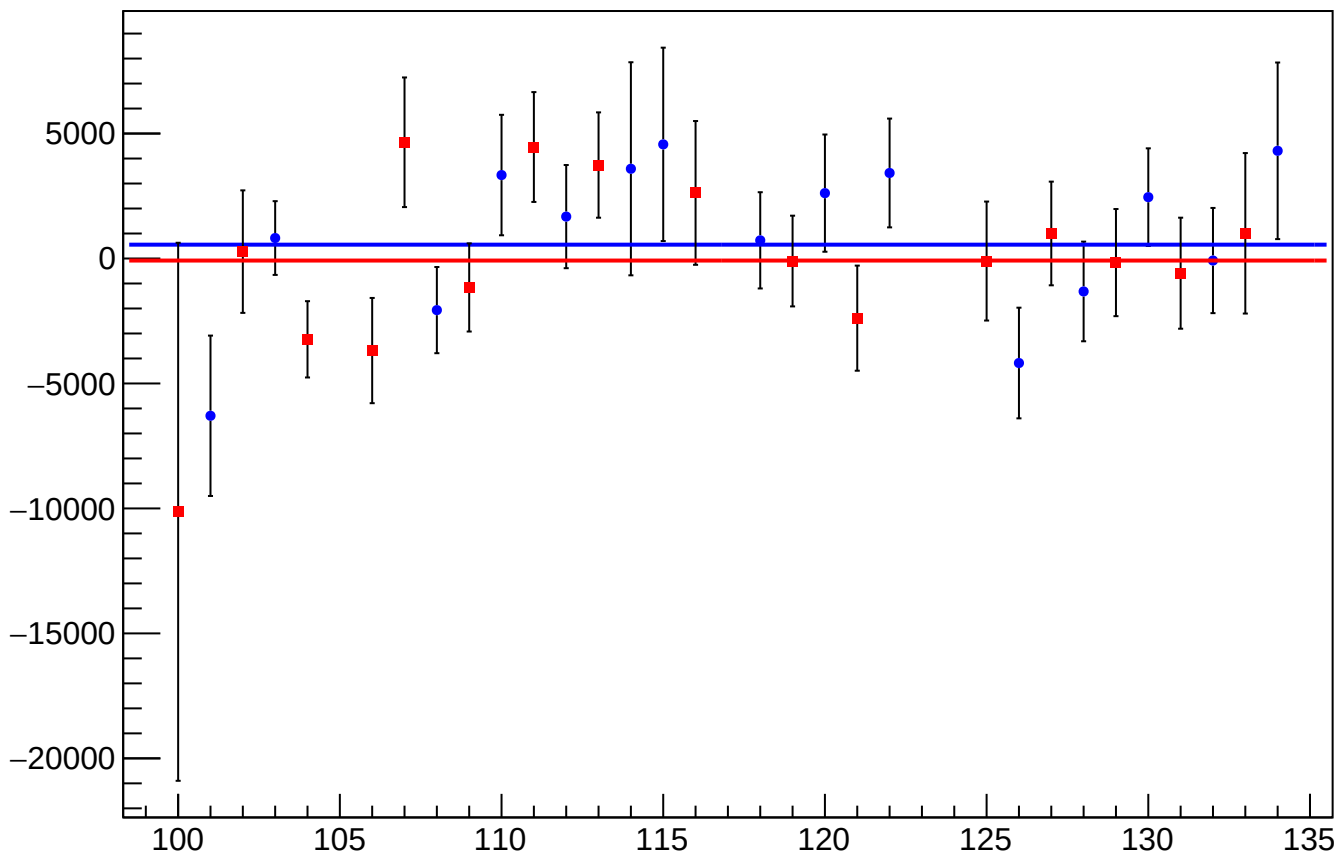
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2286803.4/30

- 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 $\pm$ 567.248 χ^2 /NDF: 20.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -81.922 $\pm$ 549.738 χ^2 /NDF: 21.9/15

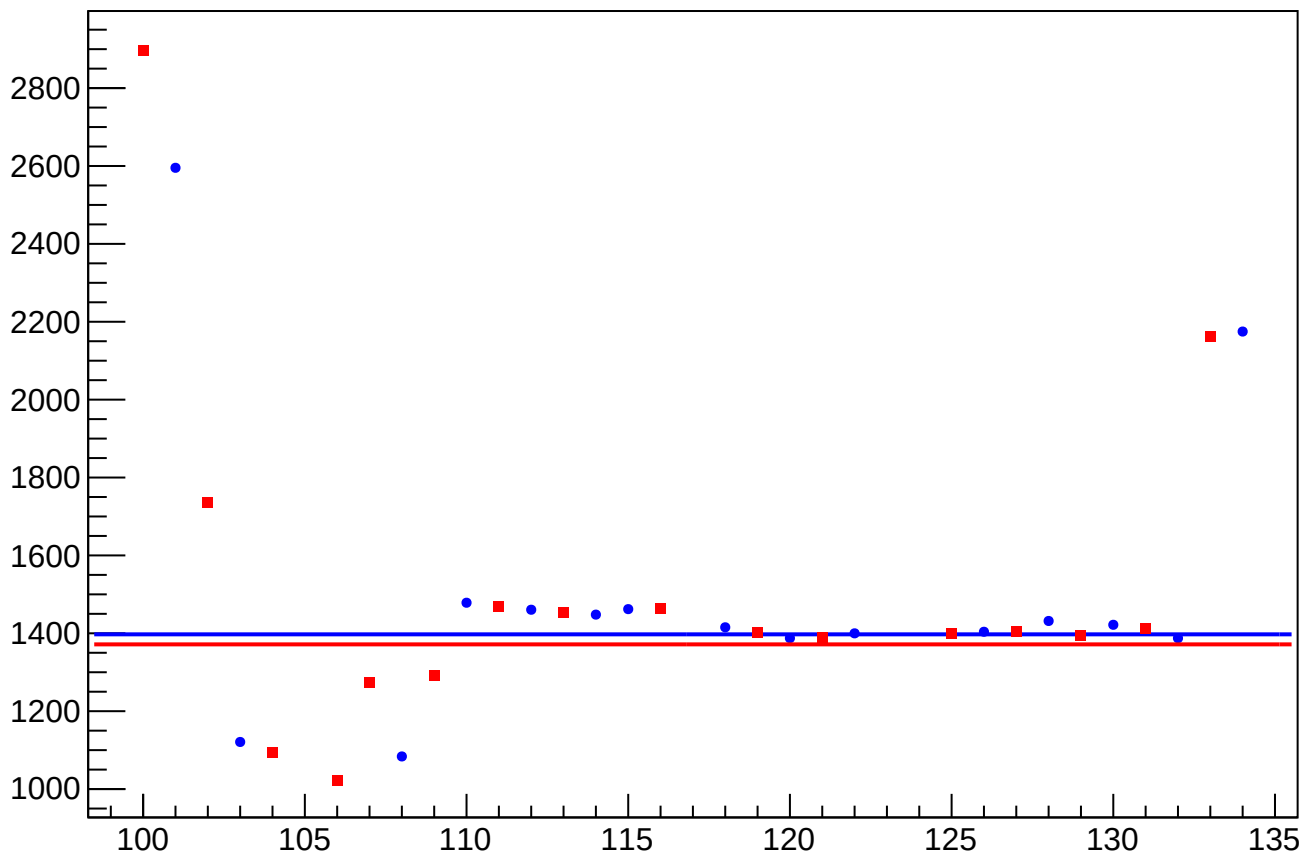
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 225.830 $\pm$ 394.769 χ^2 /NDF: 42.8/30

- sign 0.000 $\pm$ 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: 1371.577+/-0.389 χ^2/NDF : 344992.7/15

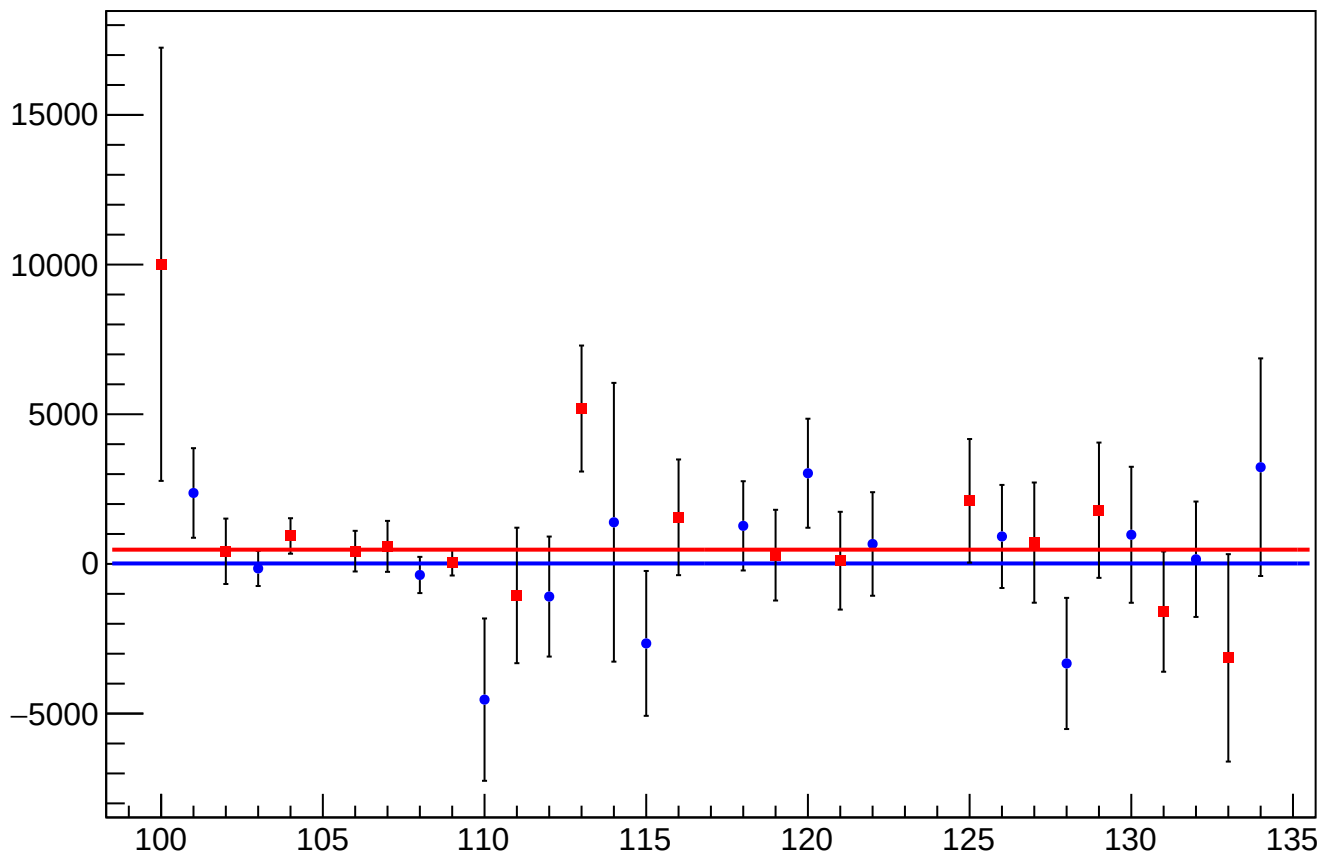
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1384.056+/-0.279 χ^2/NDF : 865297.1/30

- 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: 476.004+/-258.579 χ^2/NDF : 12.3/15

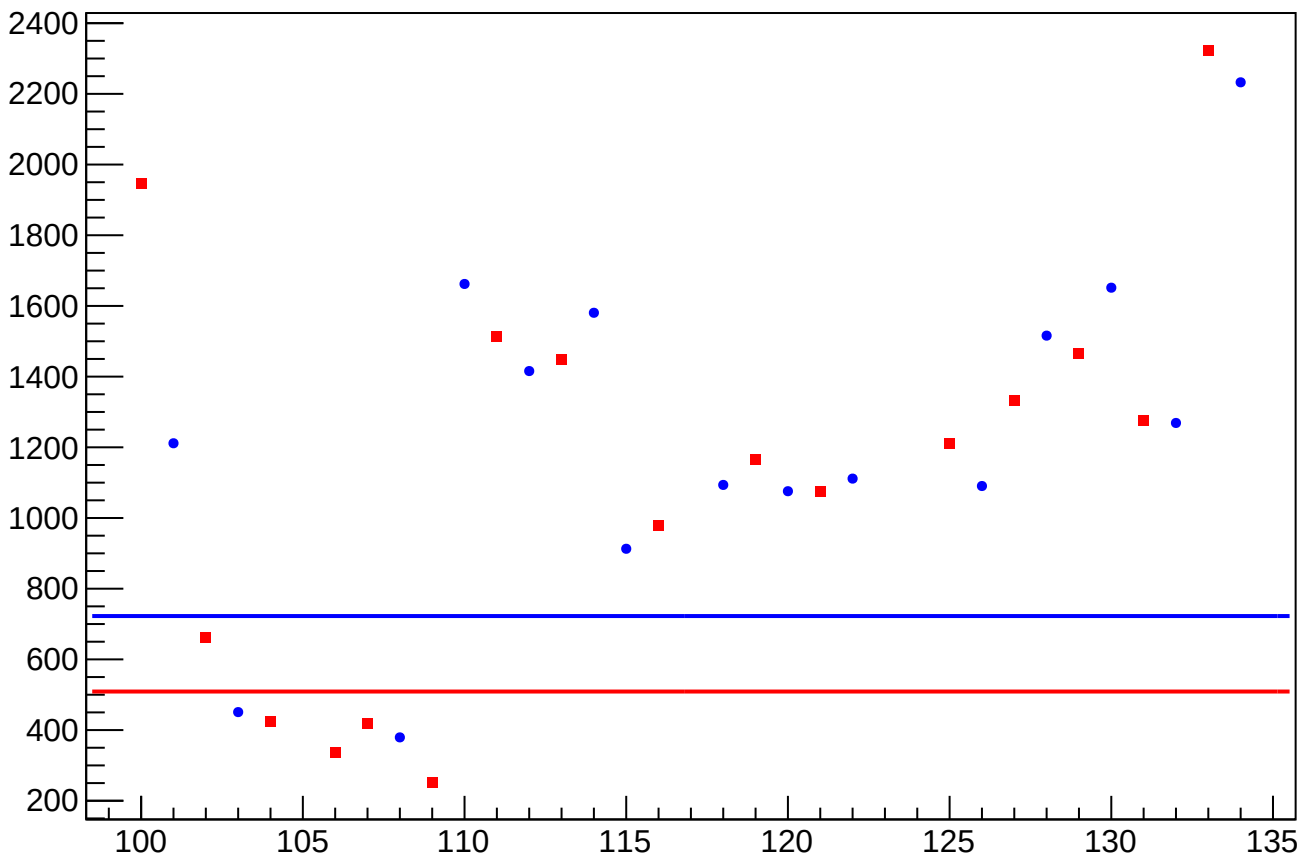
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 304.740+/-204.978 χ^2/NDF : 28.0/30

- 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: 509.042+/-0.183 χ^2/NDF : 4296040.5/15

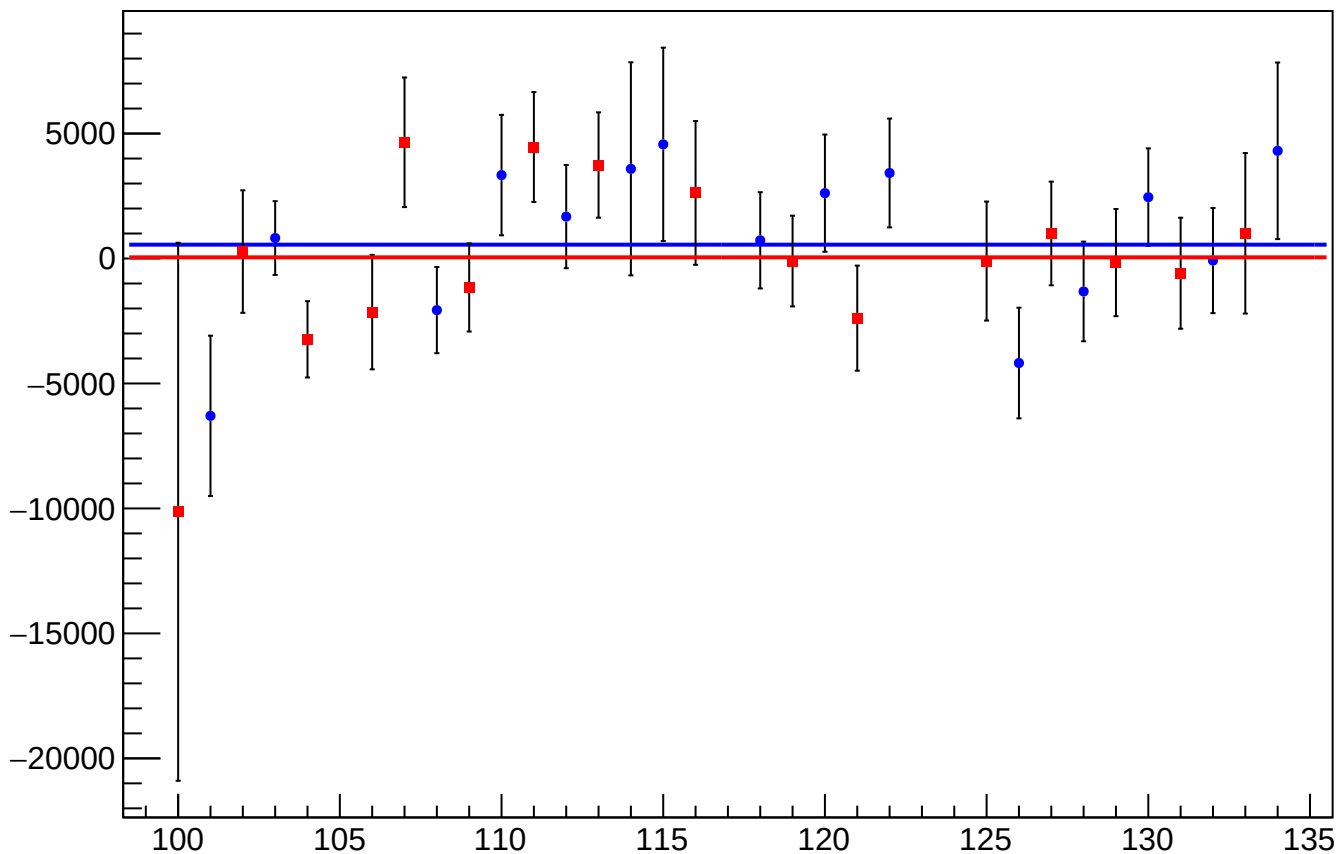
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 588.400+/-0.145 χ^2/NDF : 8141353.8/30

- 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 $\pm$ 567.248 χ^2 /NDF: 20.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 46.287 $\pm$ 552.660 χ^2 /NDF: 19.7/15

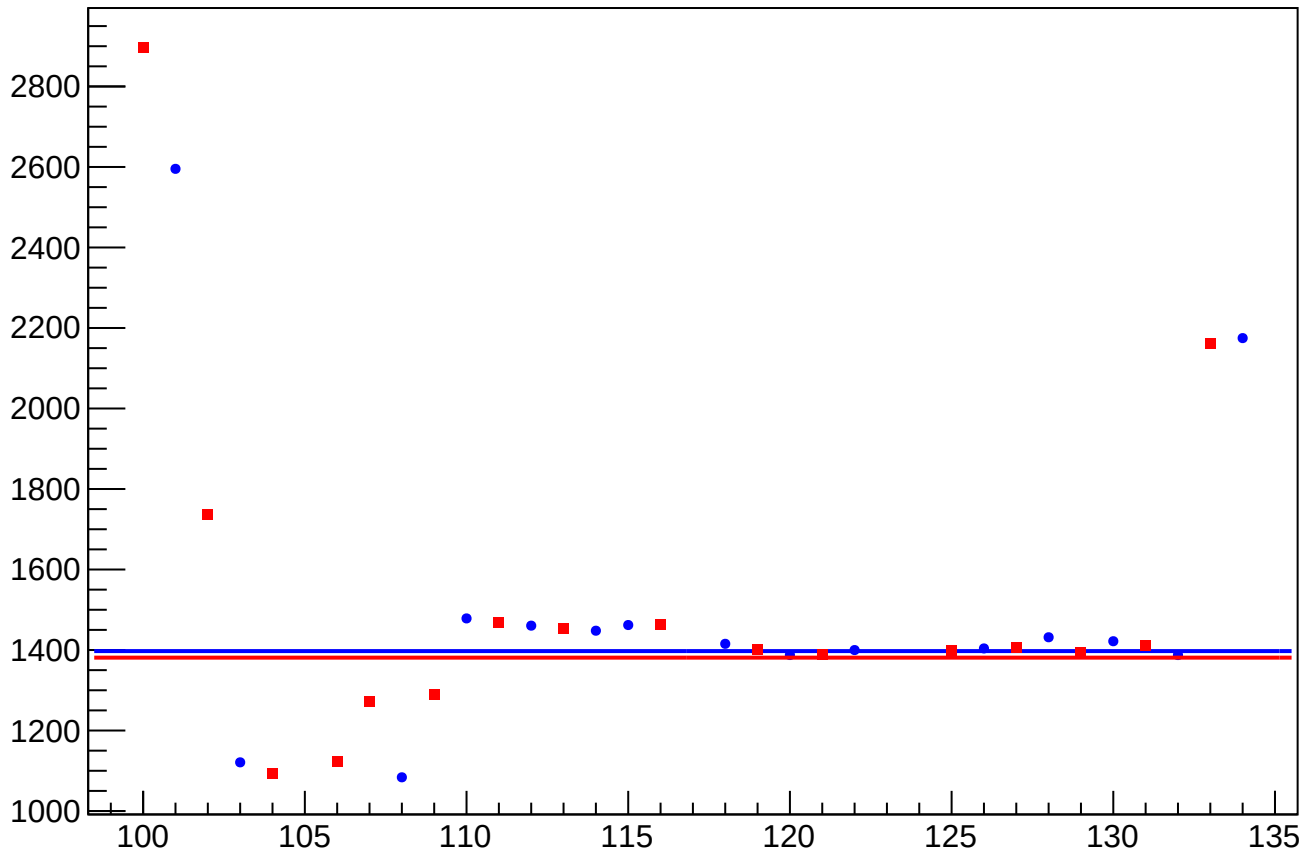
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 293.204 $\pm$ 395.847 χ^2 /NDF: 40.4/30

- sign 0.000 $\pm$ 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: 1381.071+/-0.391 χ^2/NDF : 313271.8/15

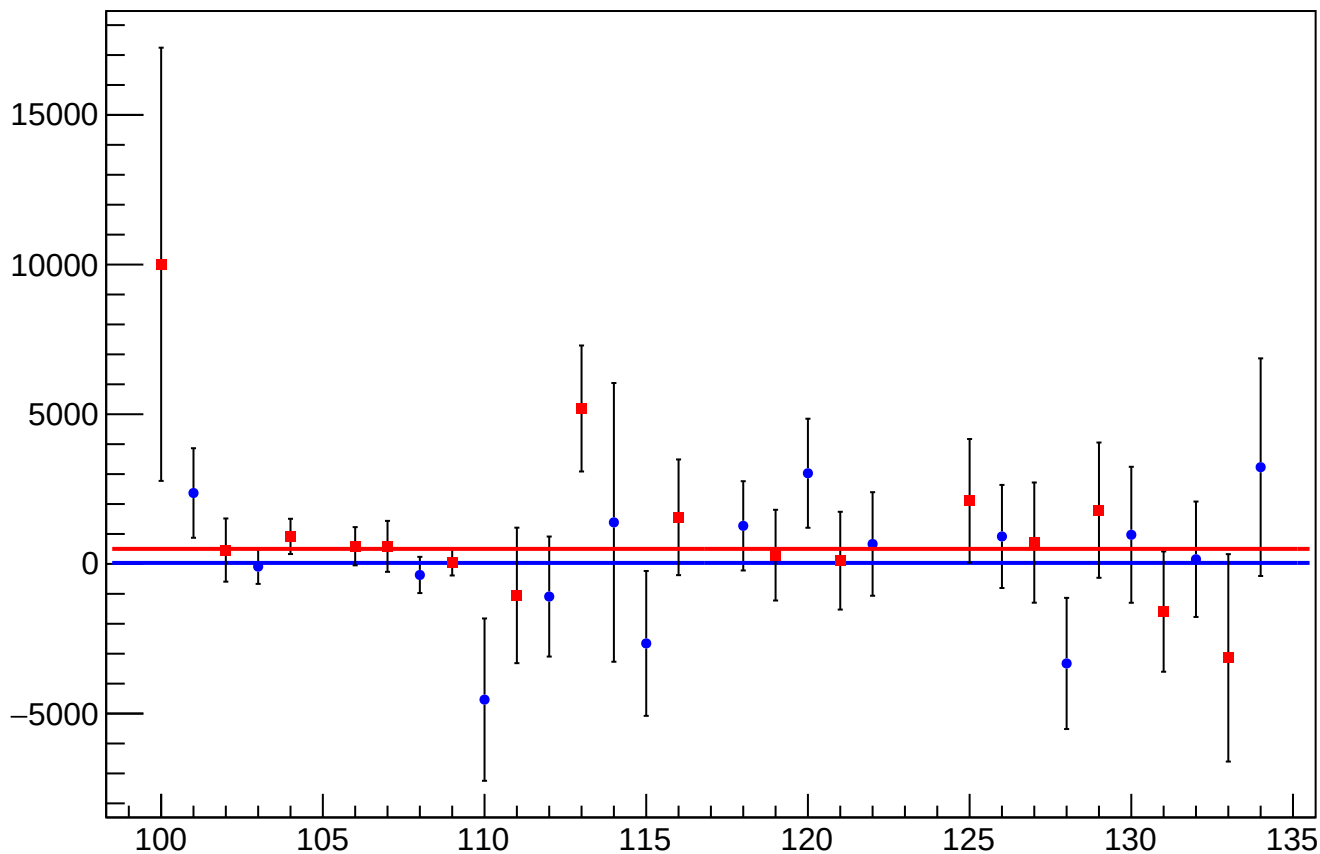
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1388.995+/-0.280 χ^2/NDF : 832292.7/30

- 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: 501.944 $\pm$ 255.353 χ^2 /NDF: 12.3/15

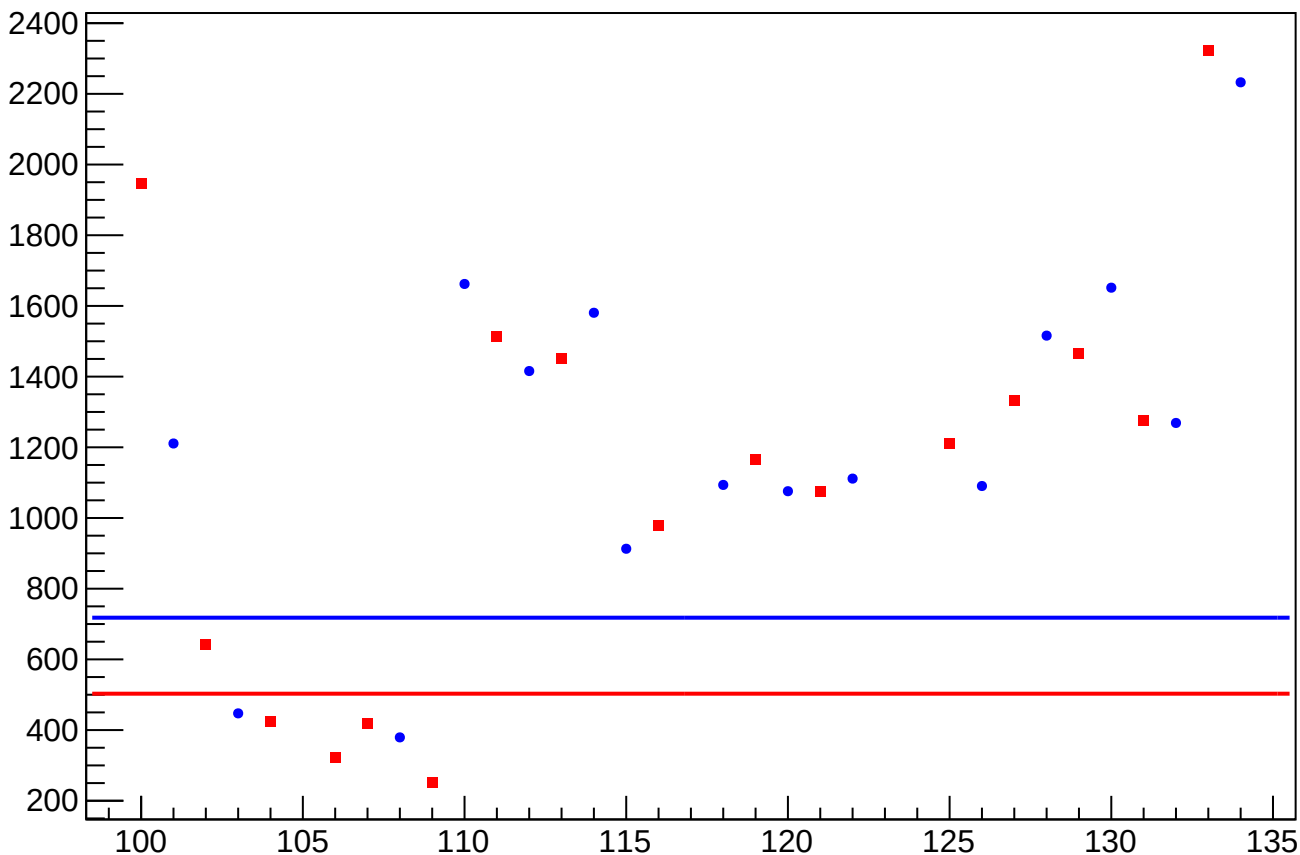
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 329.056 $\pm$ 202.886 χ^2 /NDF: 28.0/30

- 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: 502.915+/-0.181 χ^2/NDF : 4327413.0/15

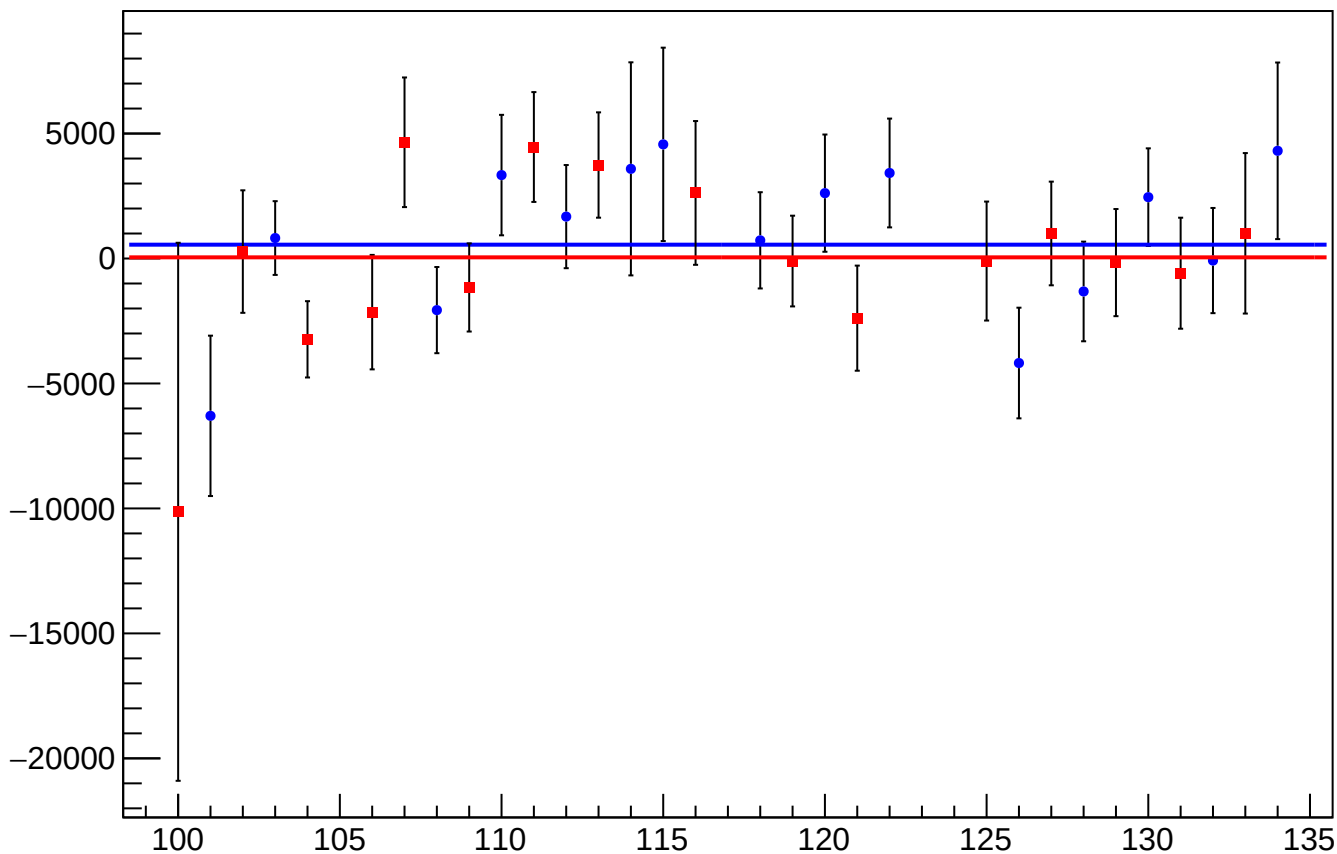
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 582.205+/-0.143 χ^2/NDF : 8216552.1/30

- 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 $\pm$ 567.248 χ^2 /NDF: 20.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 46.287 $\pm$ 552.660 χ^2 /NDF: 19.7/15

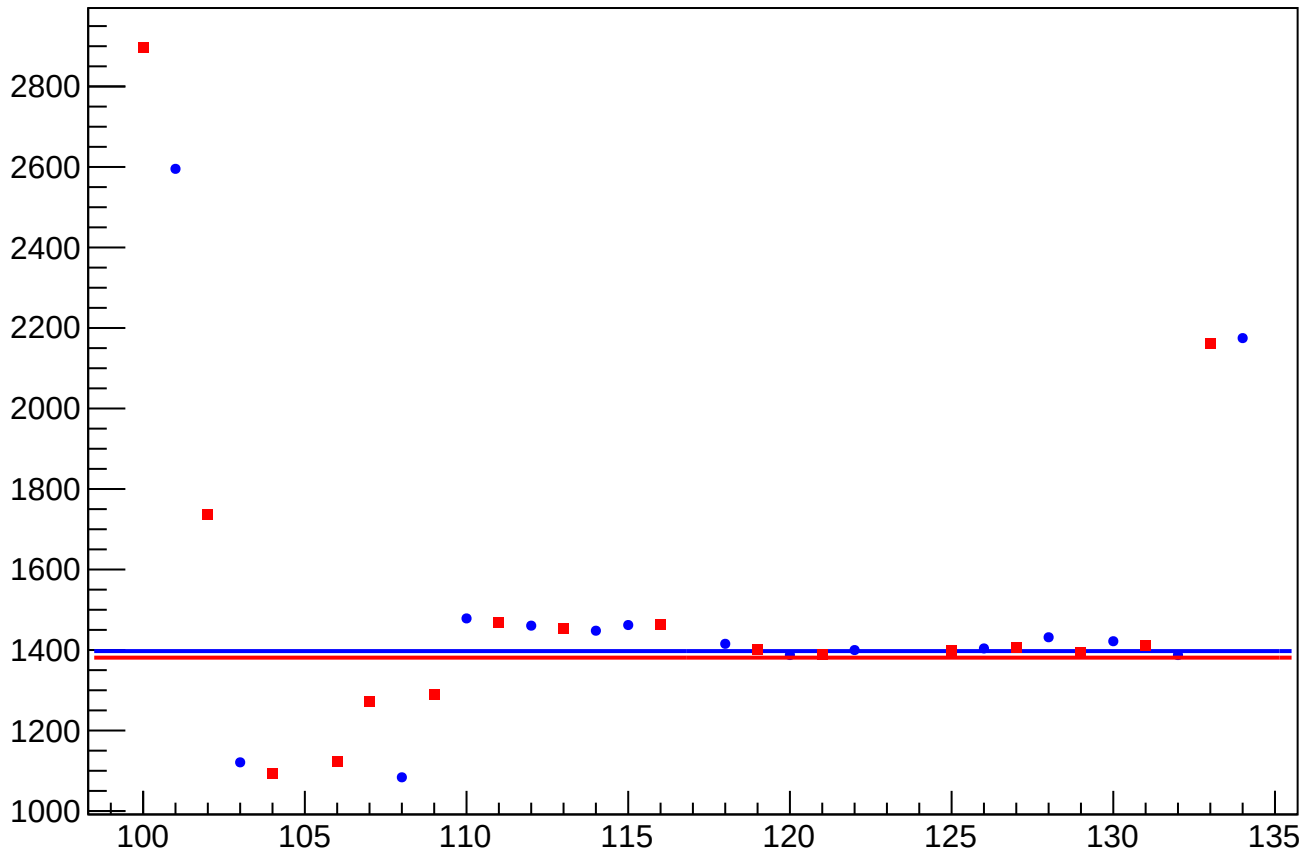
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 293.204 $\pm$ 395.847 χ^2 /NDF: 40.4/30

- sign 0.000 $\pm$ 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: 1381.071+/-0.391 χ^2/NDF : 313271.8/15

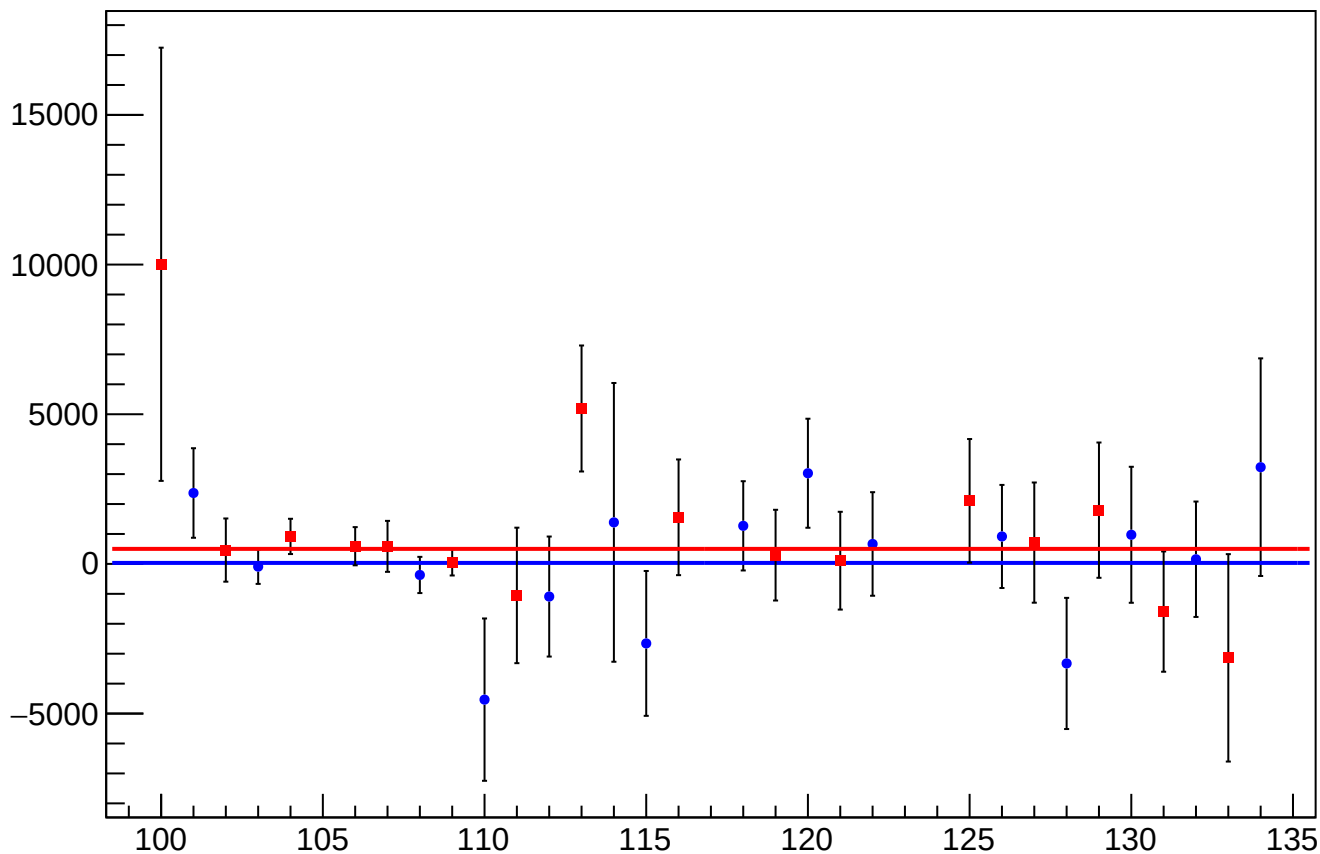
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1388.995+/-0.280 χ^2/NDF : 832292.7/30

- 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: 501.944+/-255.353 χ^2/NDF : 12.3/15

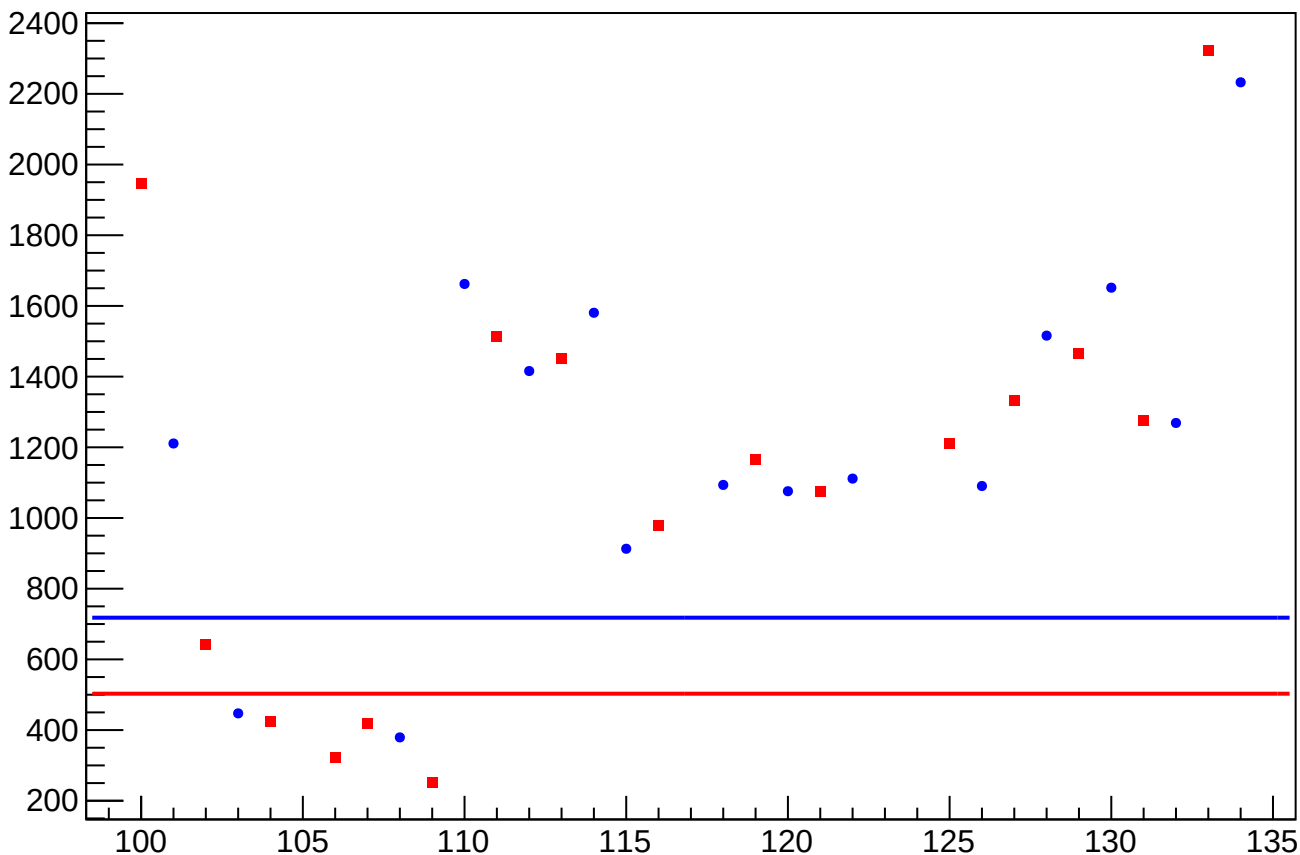
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 329.056+/-202.886 χ^2/NDF : 28.0/30

- 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: 502.915+/-0.181 χ^2/NDF : 4327413.0/15

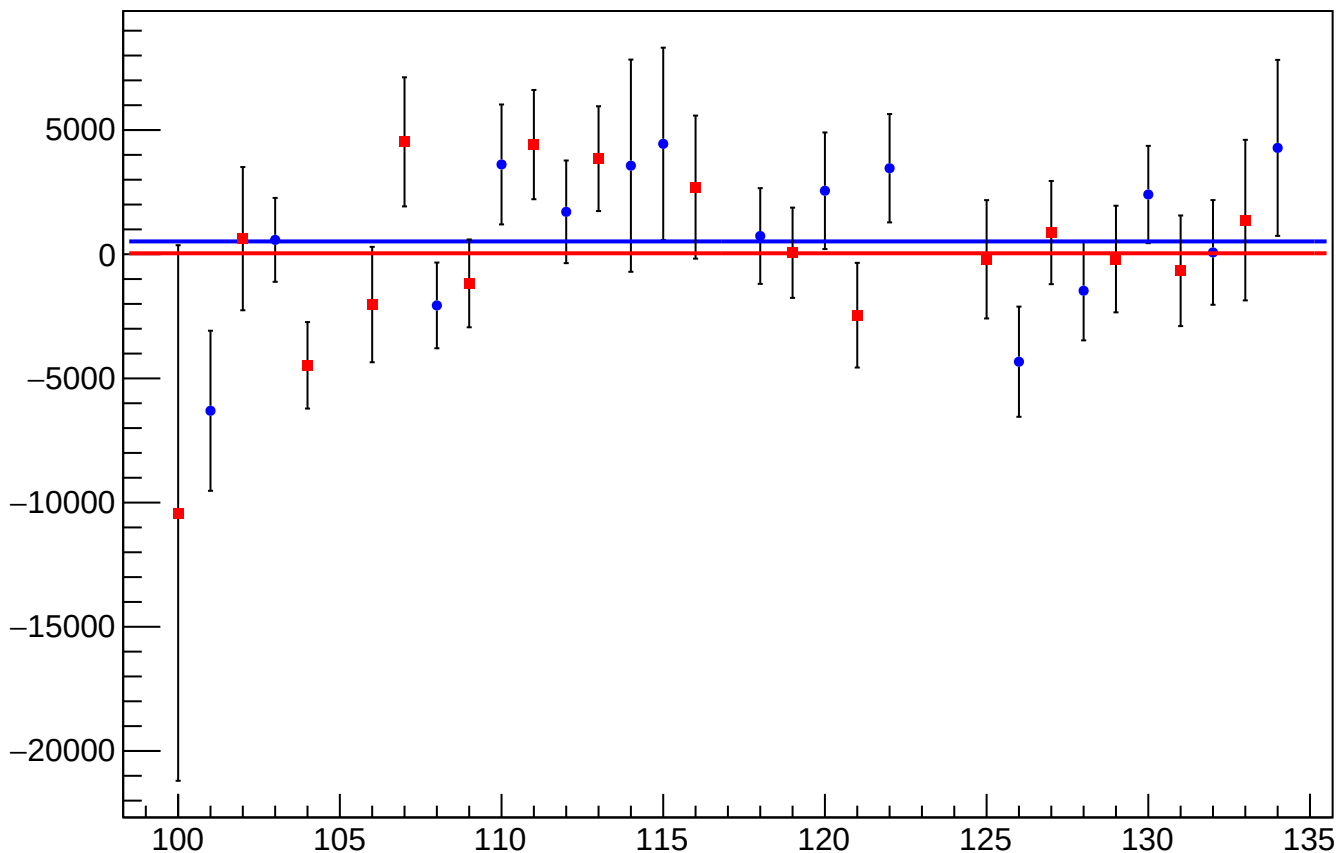
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 582.205+/-0.143 χ^2/NDF : 8216552.1/30

- 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: 37.960+/-566.650 χ^2/NDF : 21.9/15

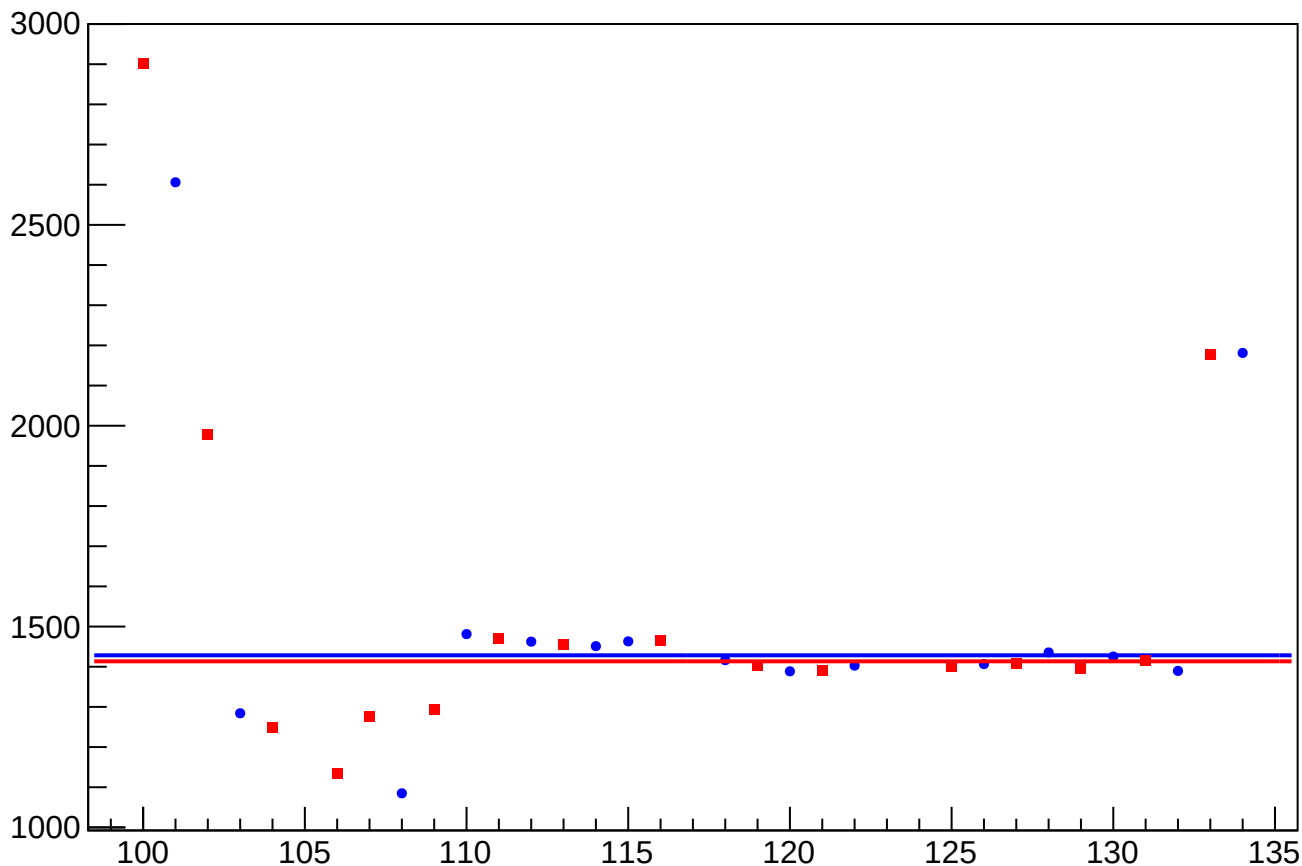
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 271.874+/-404.752 χ^2/NDF : 42.9/30

- 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: 1413.464 $\pm$ 0.401 χ^2 /NDF: 291591.5/15

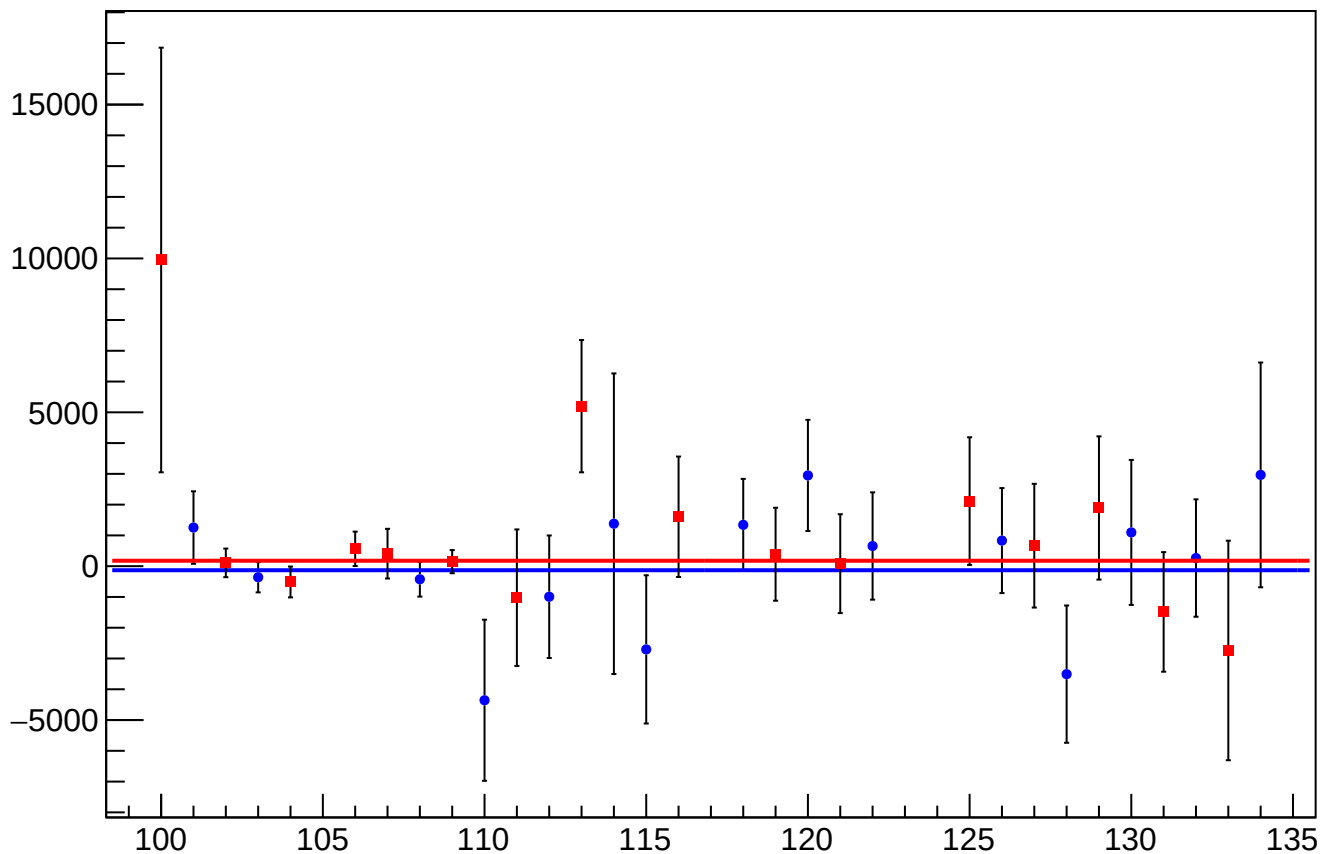
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1420.797 $\pm$ 0.286 χ^2 /NDF: 747027.5/30

- 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: 177.231+/-208.757 χ^2/NDF : 13.7/15

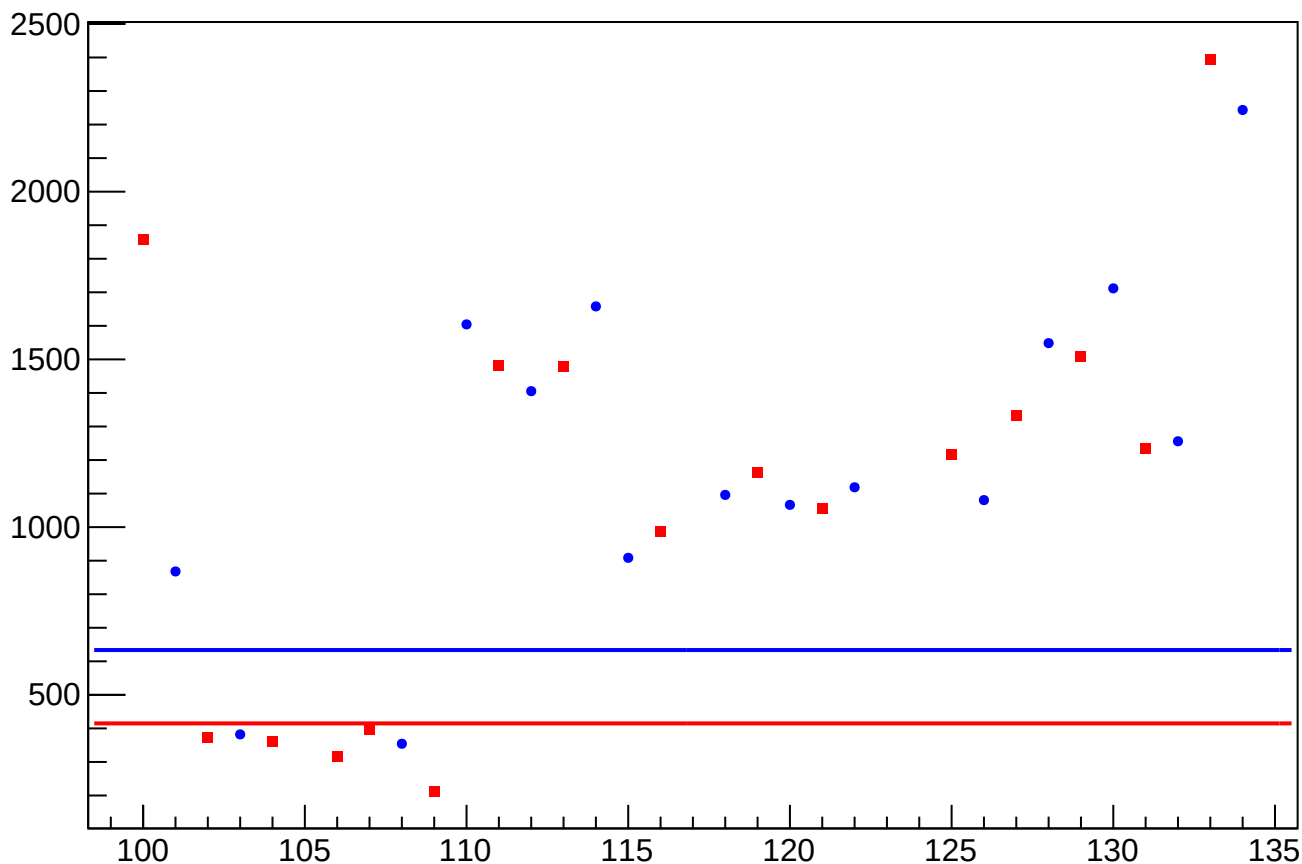
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.574+/-172.209 χ^2/NDF : 28.0/30

- 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: 414.969+/-0.148 χ^2/NDF : 4835393.7/15

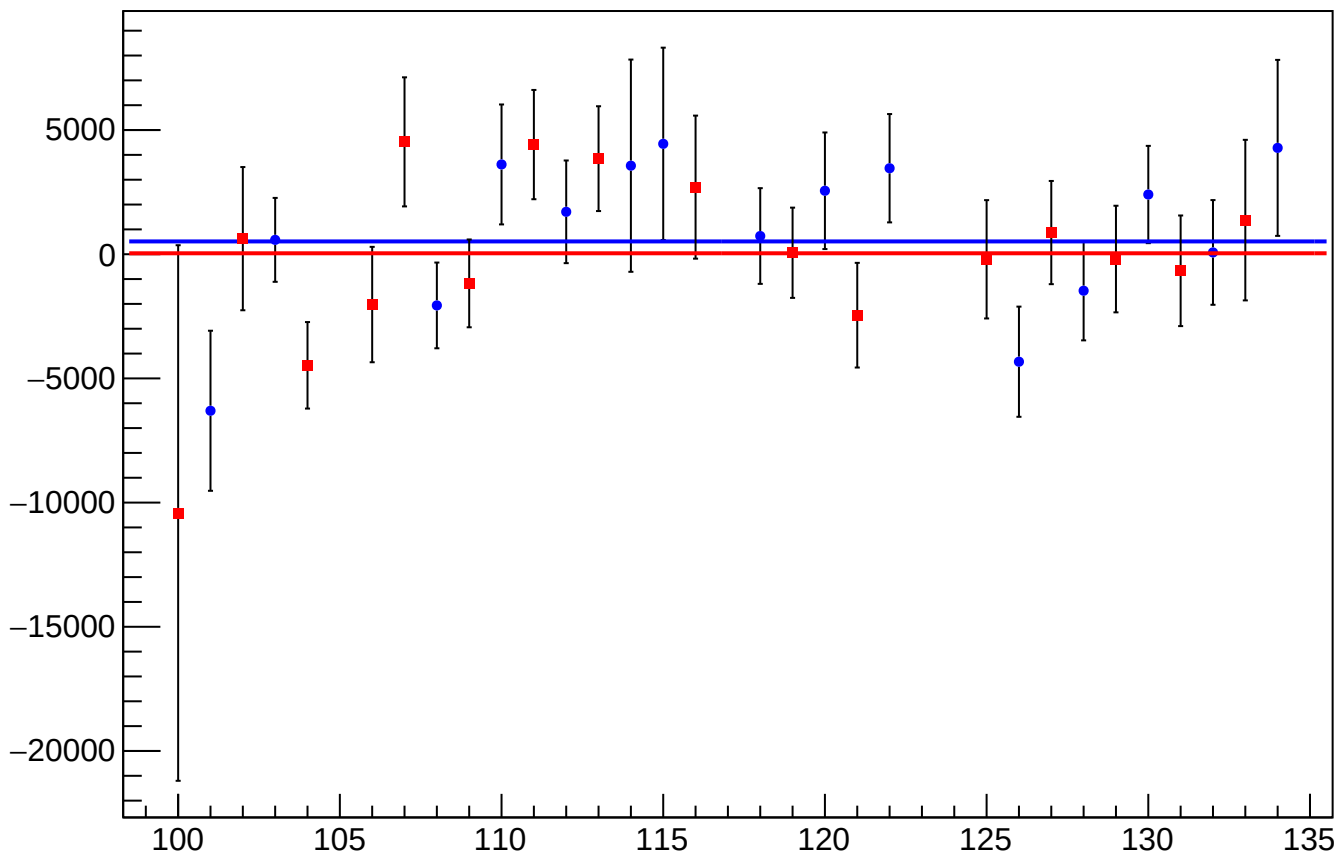
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 484.831+/-0.122 χ^2/NDF : 9274507.5/30

- 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 $\pm$ 578.341 χ^2 /NDF: 20.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 37.959 $\pm$ 566.650 χ^2 /NDF: 21.9/15

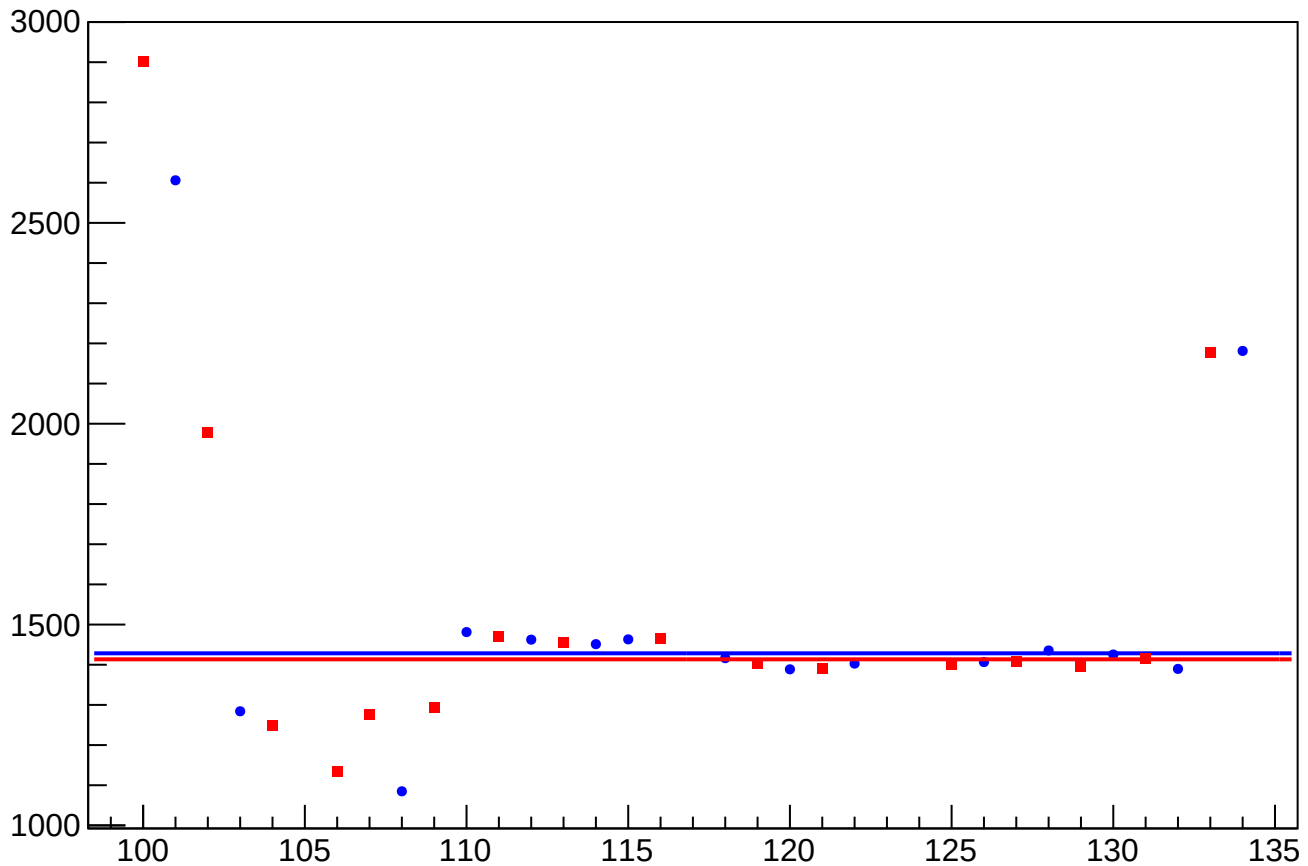
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 271.870 $\pm$ 404.752 χ^2 /NDF: 42.9/30

- sign 0.000 $\pm$ 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: 1413.464 $\pm$ 0.401 χ^2 /NDF: 291591.5/15

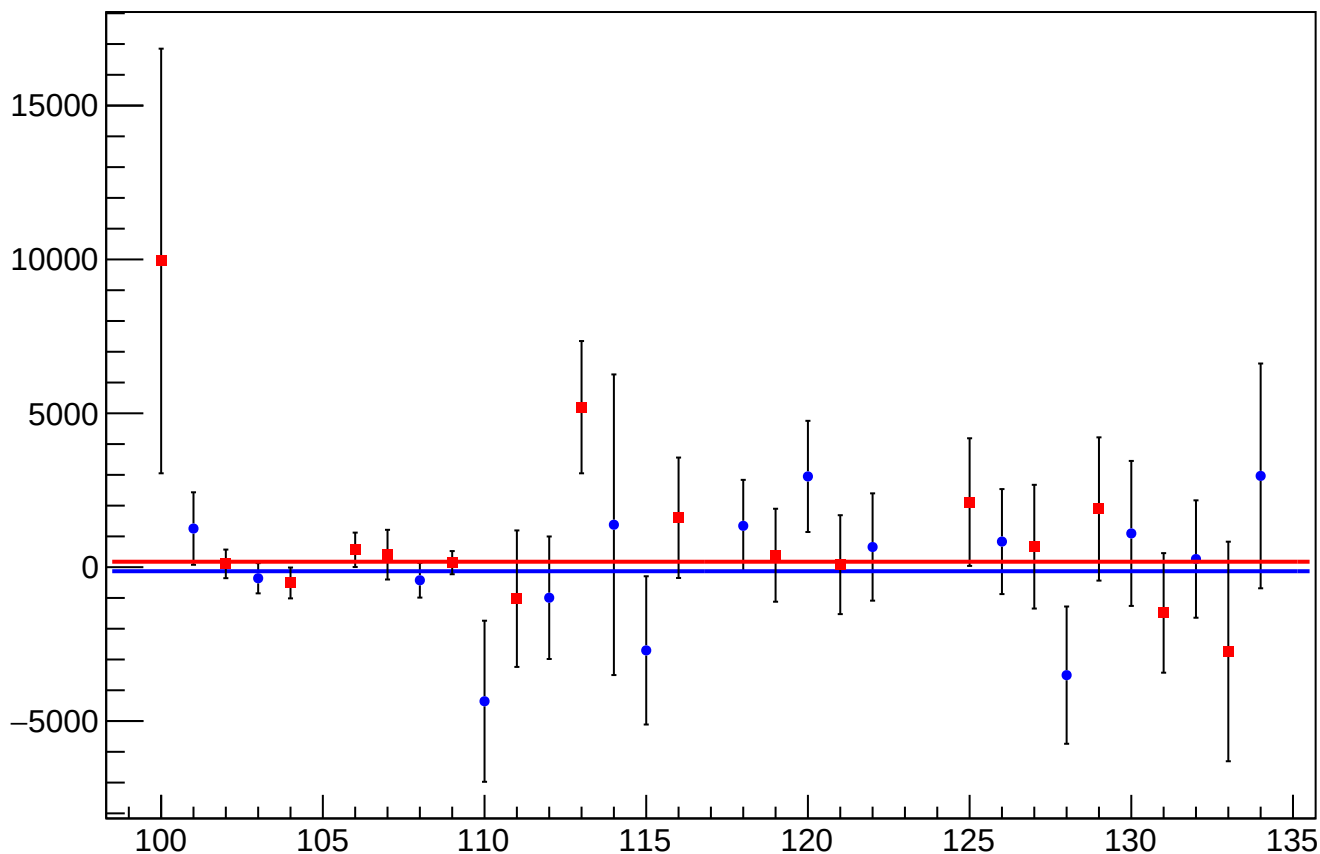
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1420.797 $\pm$ 0.286 χ^2 /NDF: 747027.0/30

- 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: 177.226+/-208.758 χ^2/NDF : 13.7/15

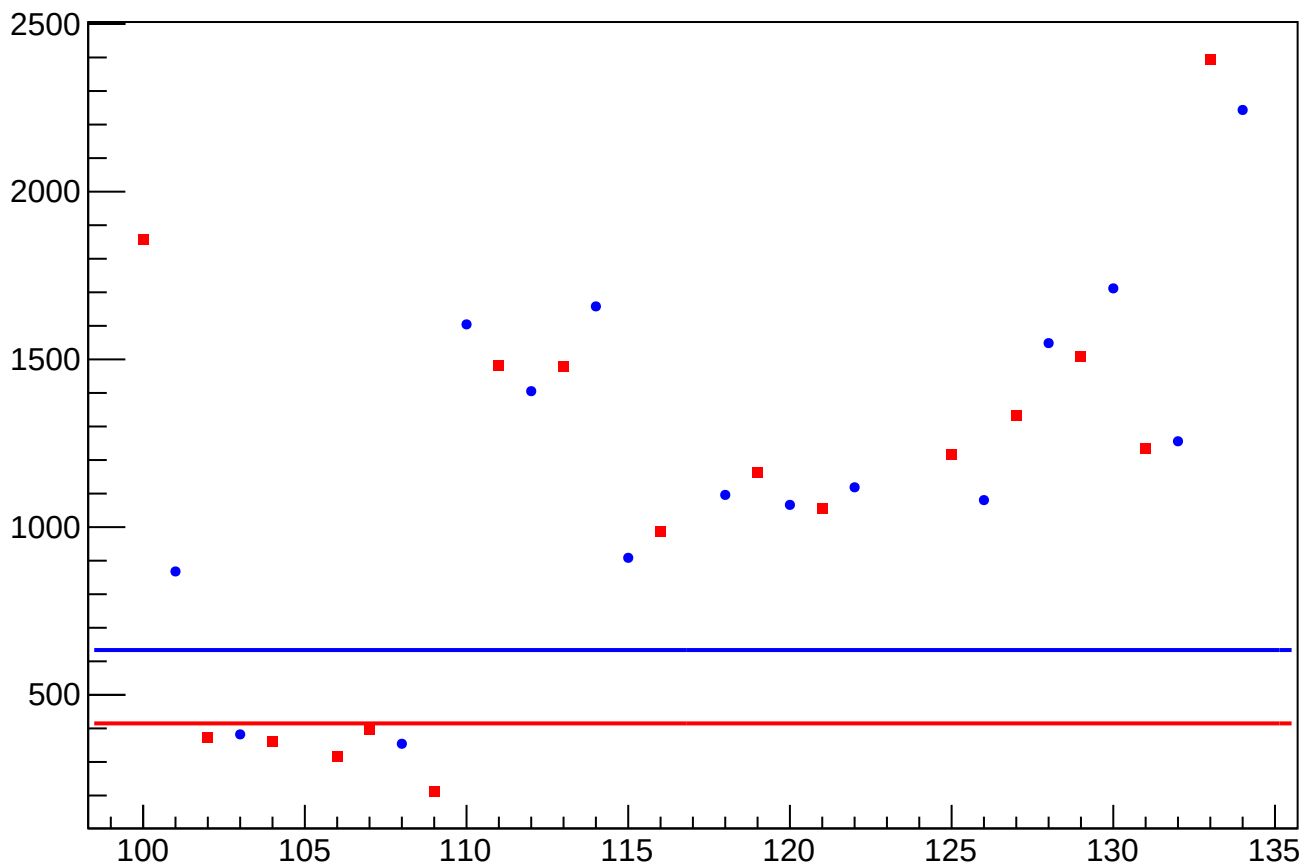
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.565+/-172.209 χ^2/NDF : 28.0/30

- 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: 414.974+/-0.148 χ^2/NDF : 4835307.7/15

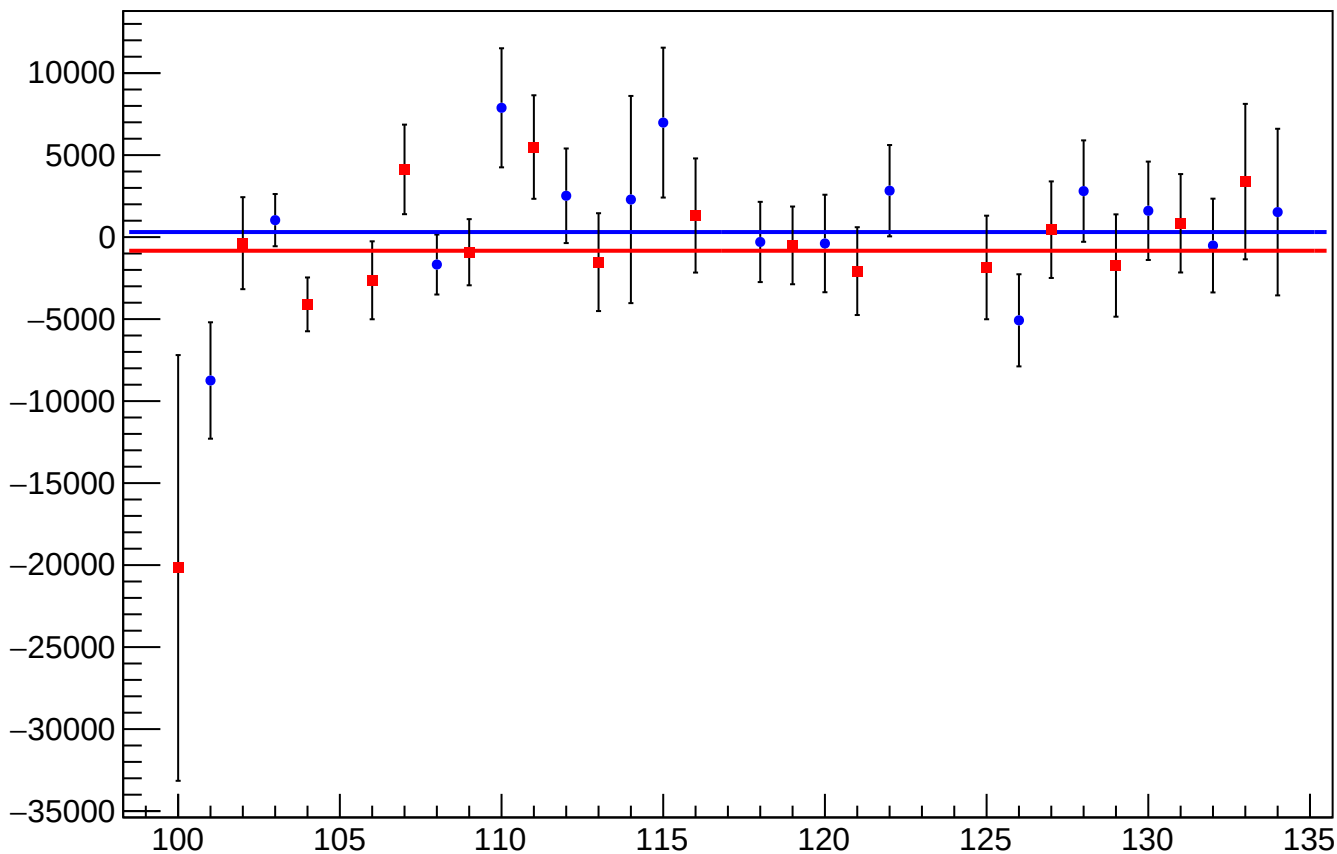
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 484.833+/-0.122 χ^2/NDF : 9274407.6/30

- 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: -831.999+/-682.277 χ^2/NDF : 16.3/15

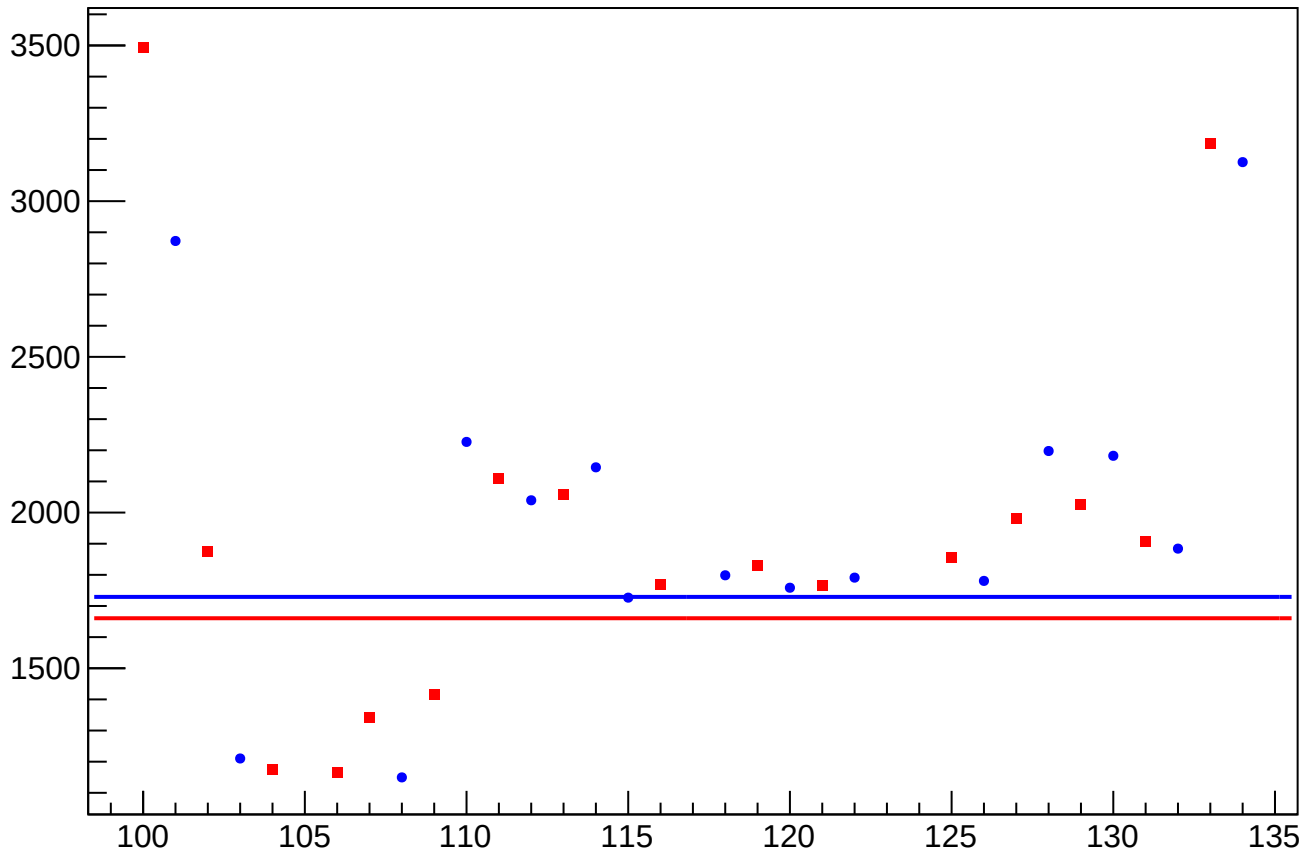
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -288.674+/-493.696 χ^2/NDF : 38.2/30

- 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: 1660.629+/-0.482 χ^2/NDF : 740240.9/15

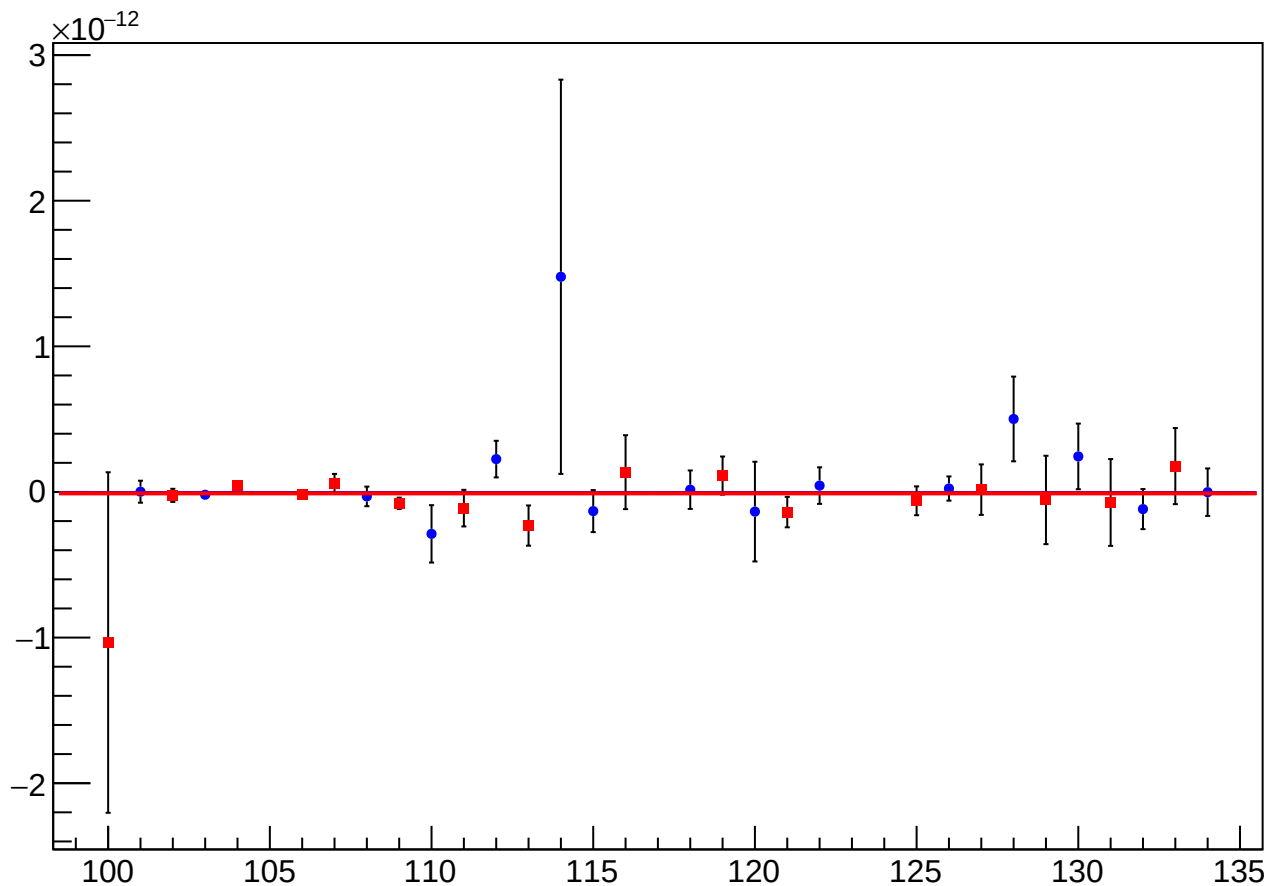
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1693.284+/-0.349 χ^2/NDF : 1691936.6/30

- 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: 15.7/15

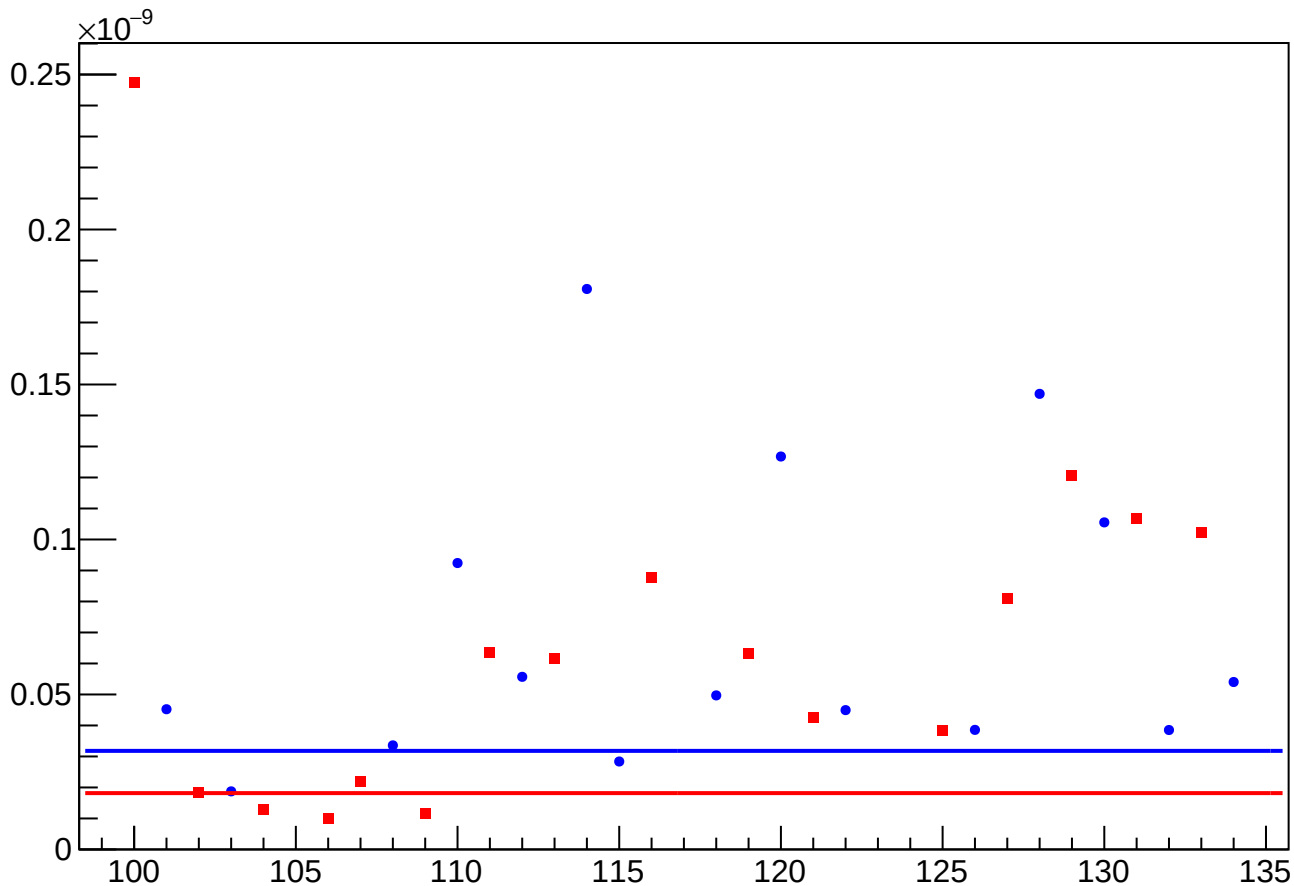
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 28.8/30

- 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: 2267187.3/15

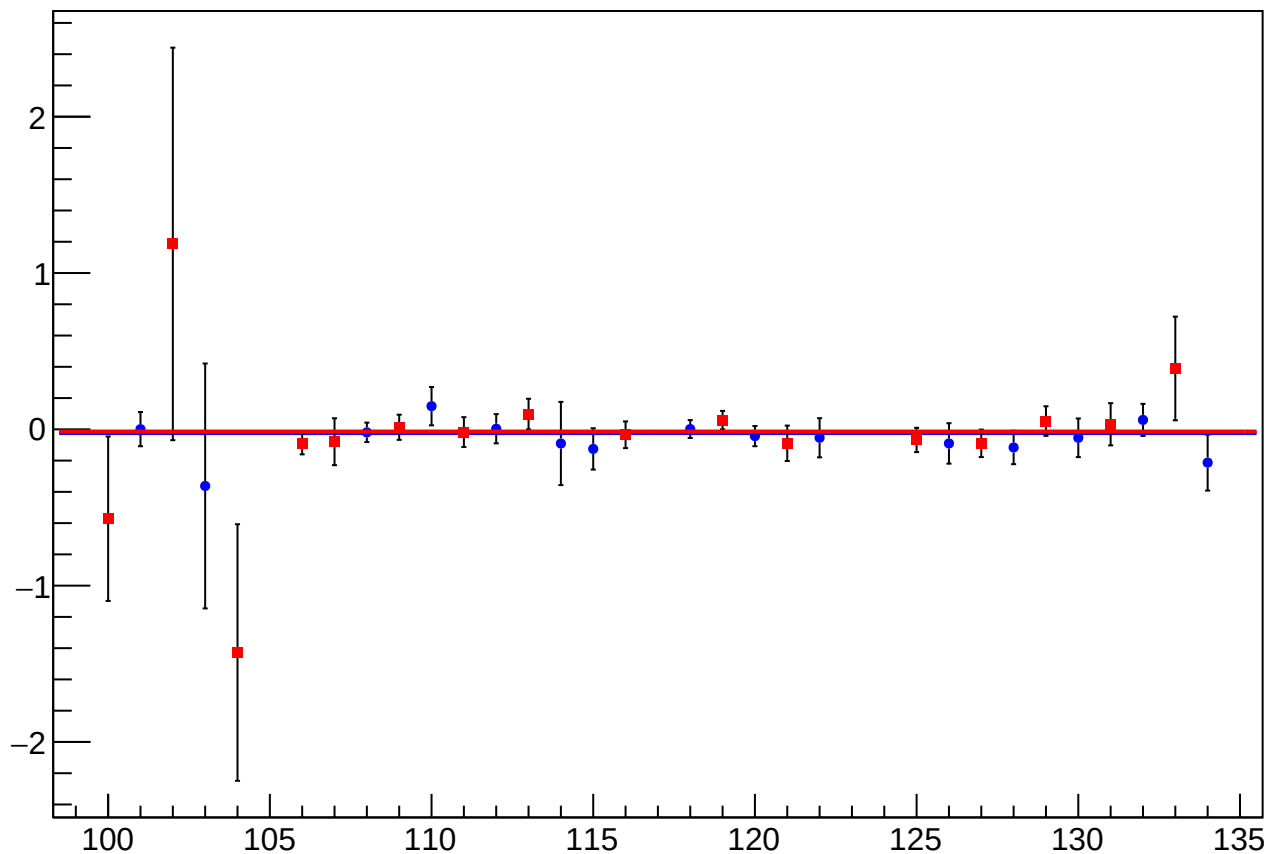
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 4256507.5/30

- 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: -0.014 ± 0.025 χ^2/NDF : 13.2/15

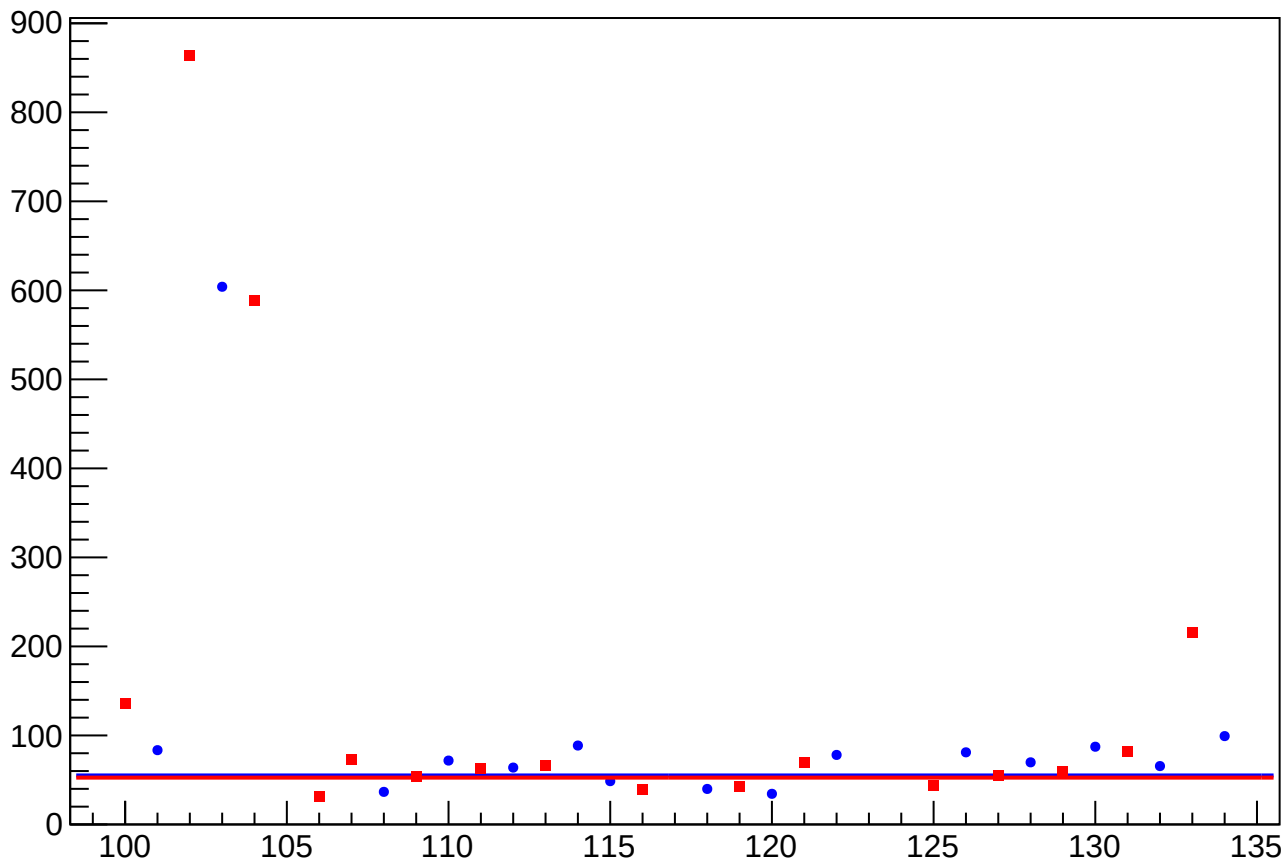
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.019 ± 0.018 χ^2/NDF : 19.4/30

- 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 $\pm$ 0.018 χ^2 /NDF: 2192583.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 52.610 $\pm$ 0.018 χ^2 /NDF: 2792156.8/15

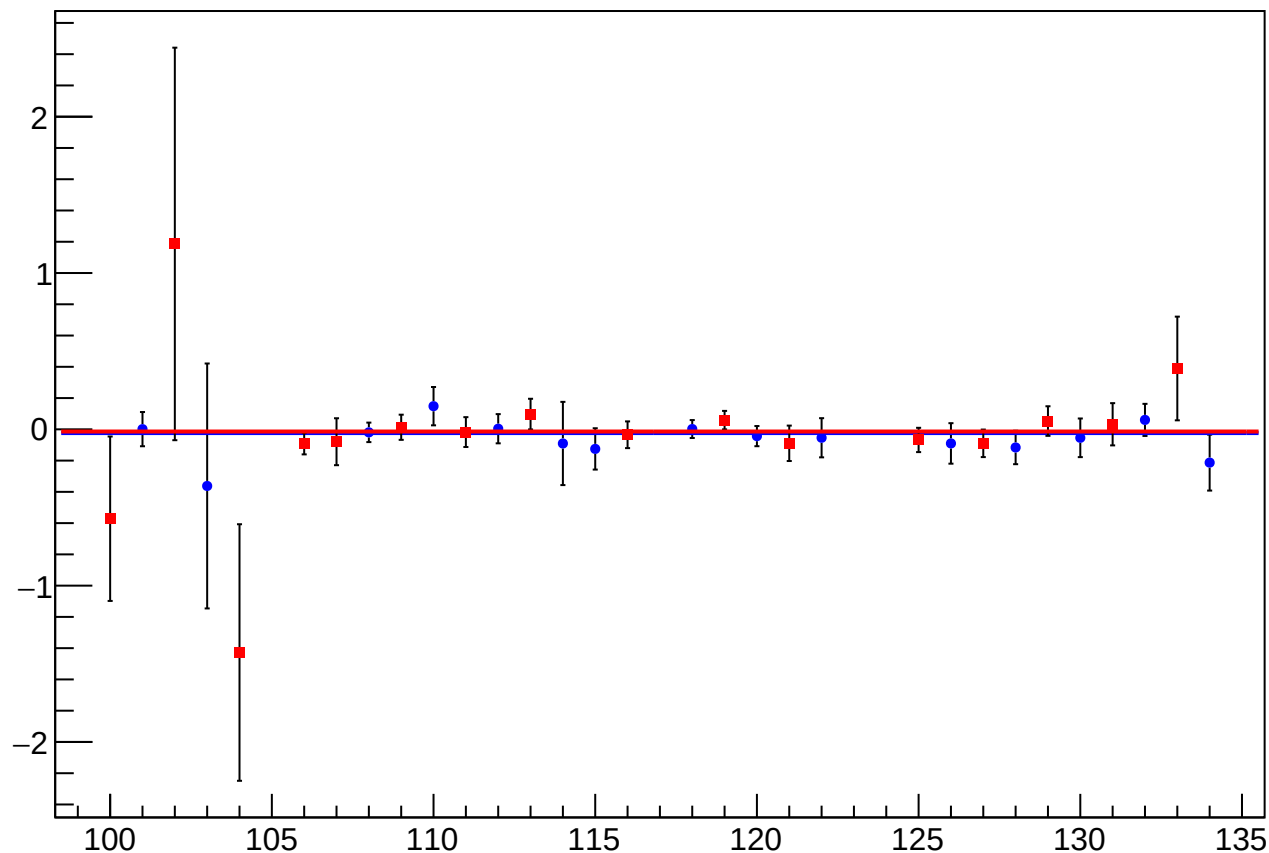
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 53.805 $\pm$ 0.013 χ^2 /NDF: 4994045.3/30

- sign 0.000 $\pm$ 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: -0.014 ± 0.025 χ^2/NDF : 13.2/15

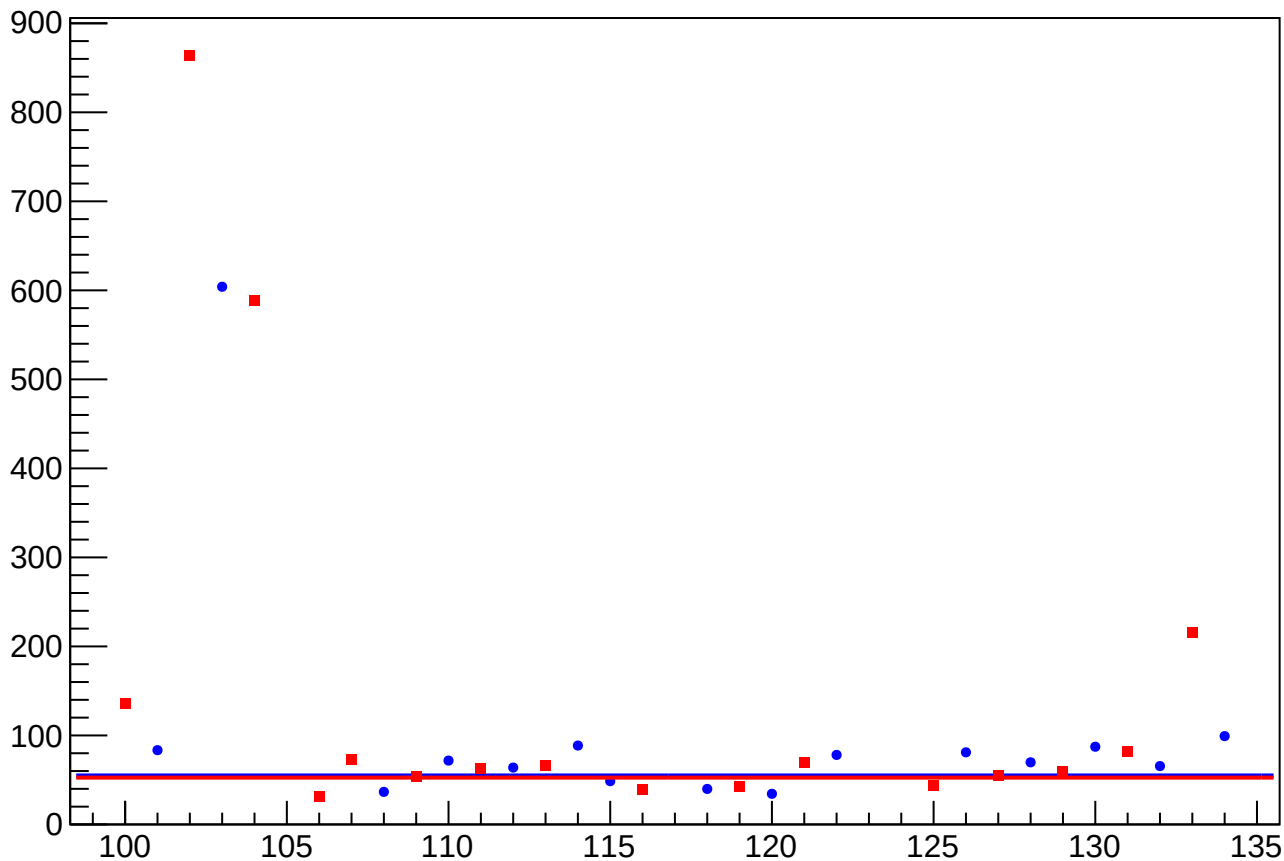
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.019 ± 0.018 χ^2/NDF : 19.4/30

- 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: 52.610+/-0.018 χ^2/NDF : 2792156.8/15

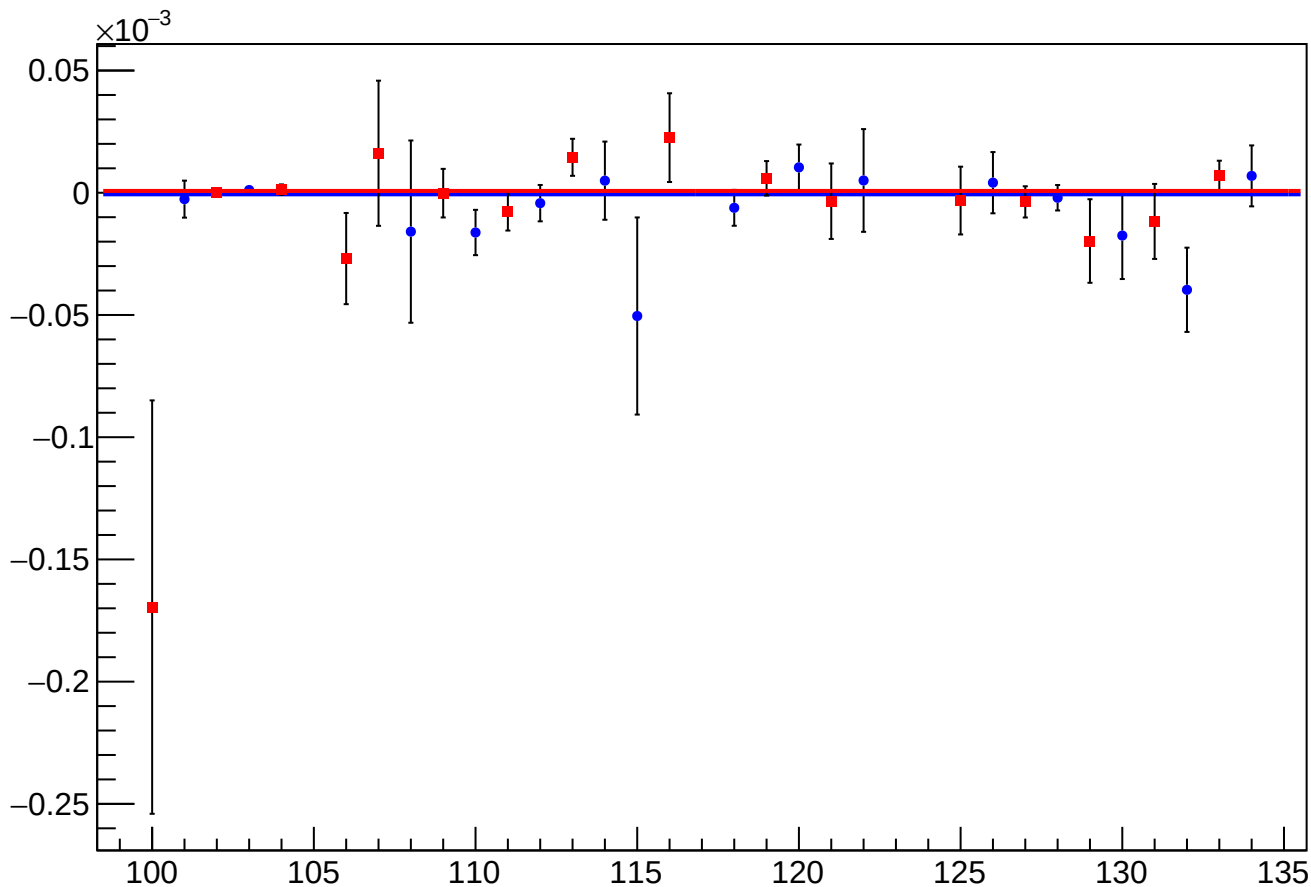
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.805+/-0.013 χ^2/NDF : 4994045.3/30

- 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: 16.9/15

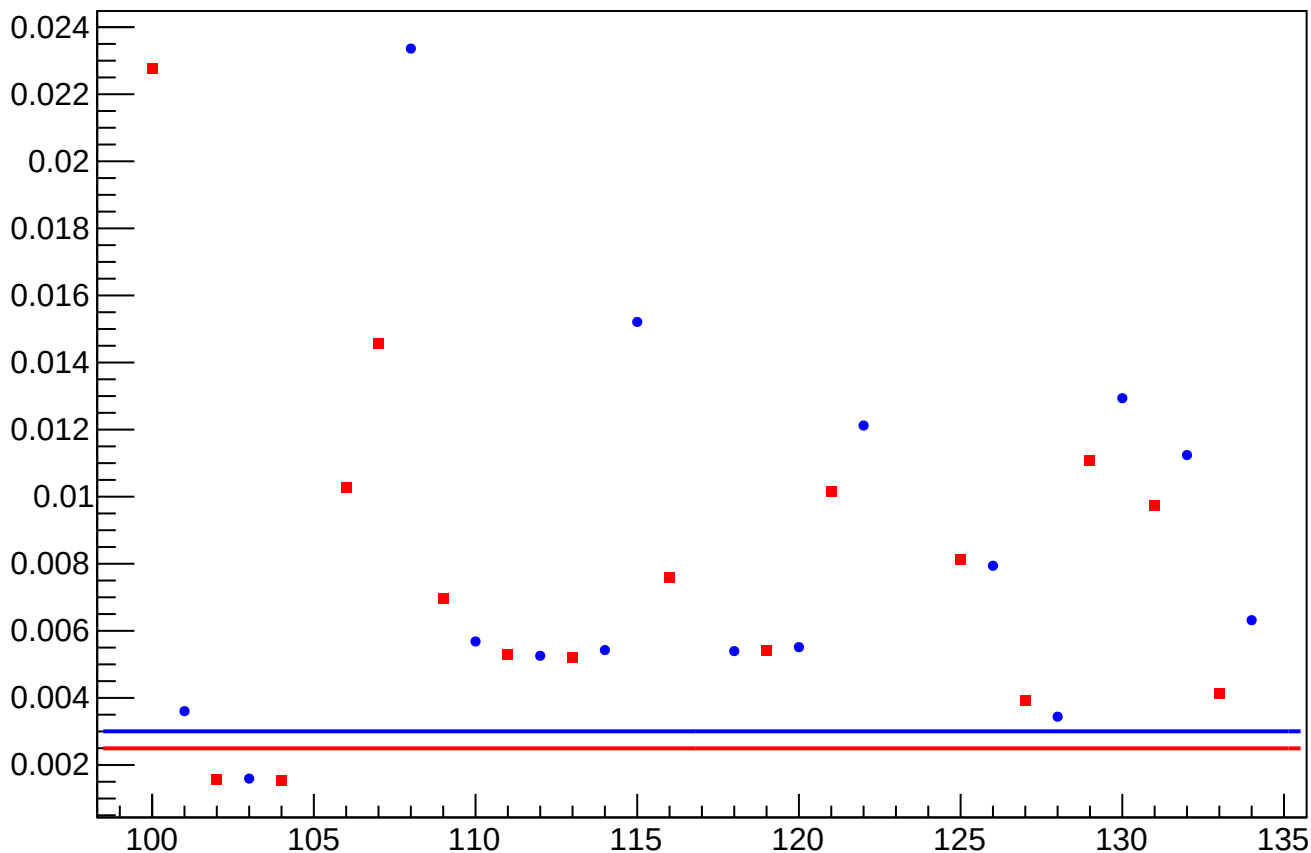
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 31.7/30

- 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: 0.002+/-0.000 χ^2/NDF : 5074752.1/15

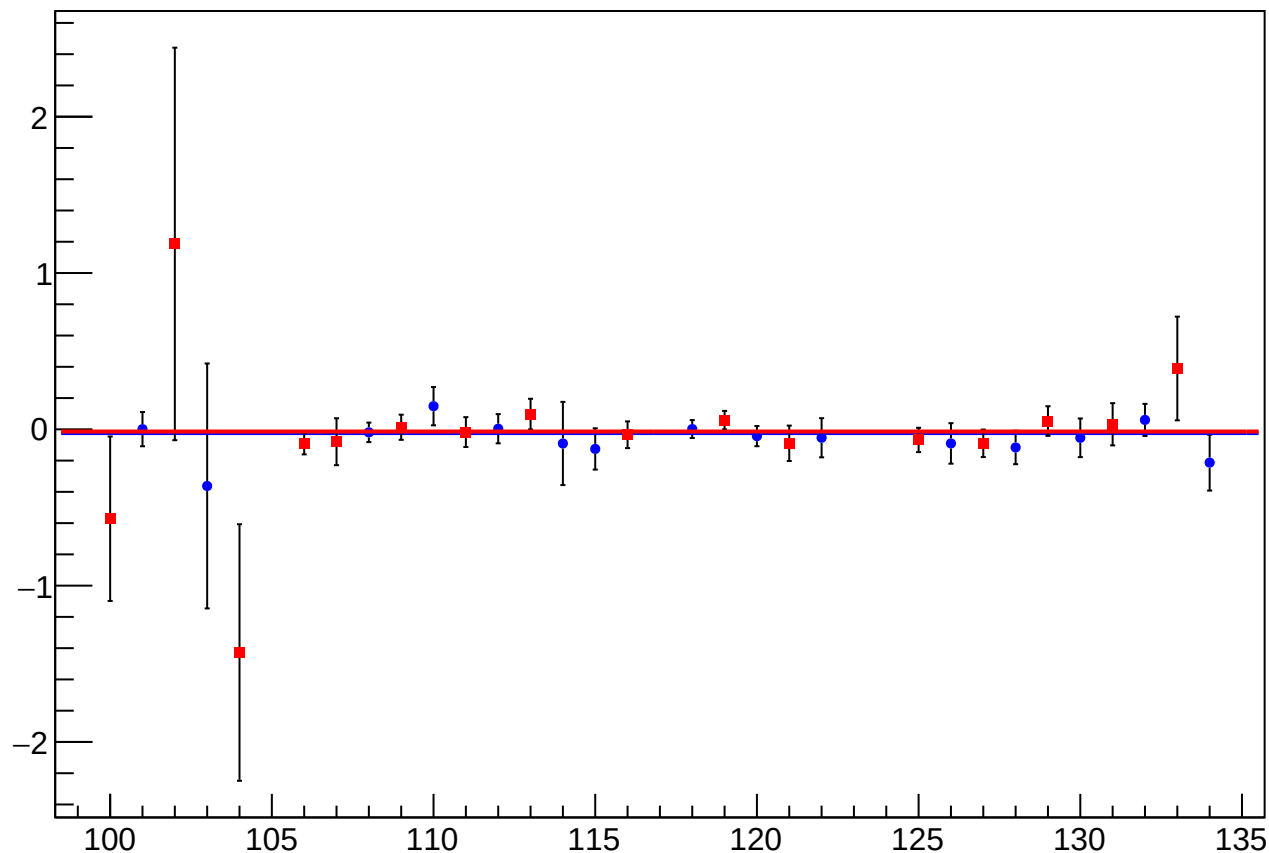
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 9612699.9/30

- 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: -0.014 ± 0.025 χ^2/NDF : 13.2/15

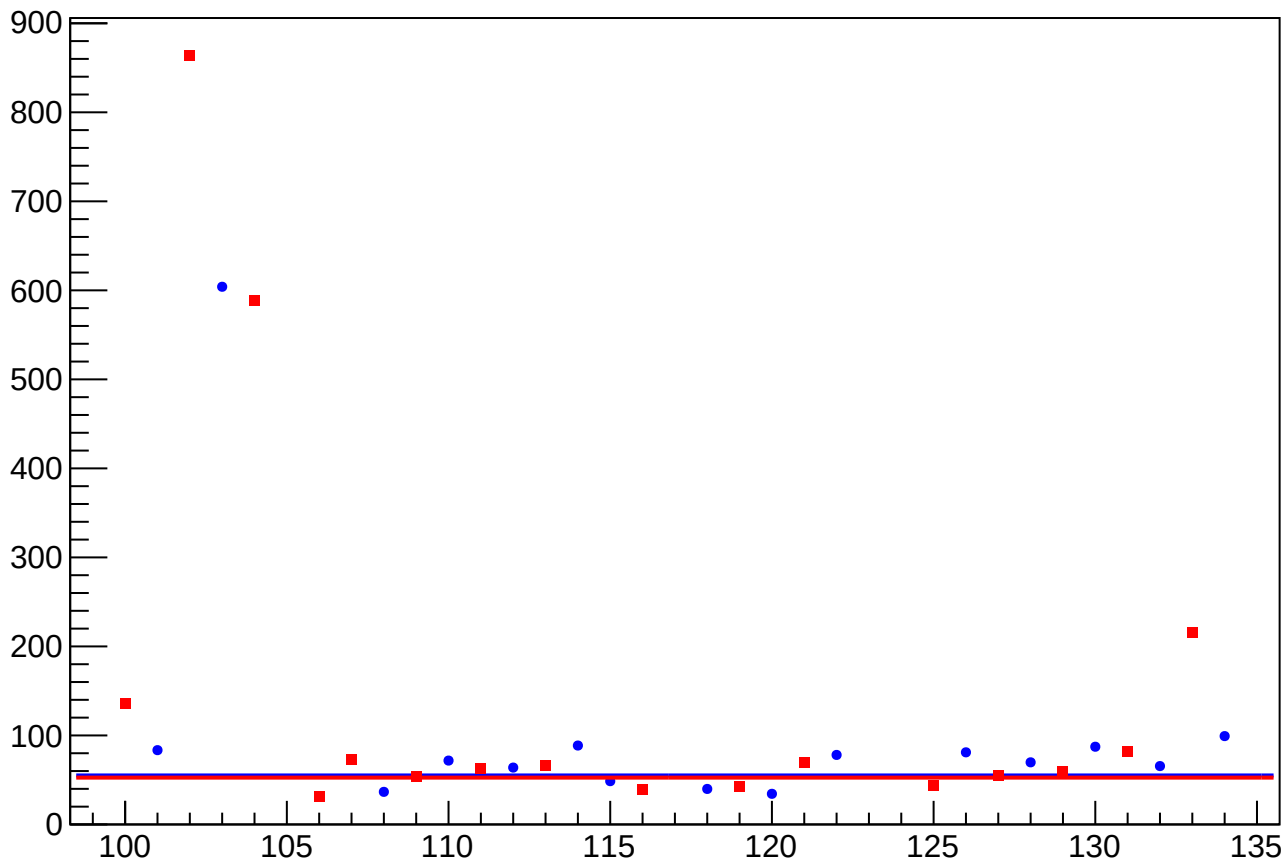
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.019 ± 0.018 χ^2/NDF : 19.4/30

- 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: 52.611 $\pm$ 0.018 χ^2 /NDF: 2791914.1/15

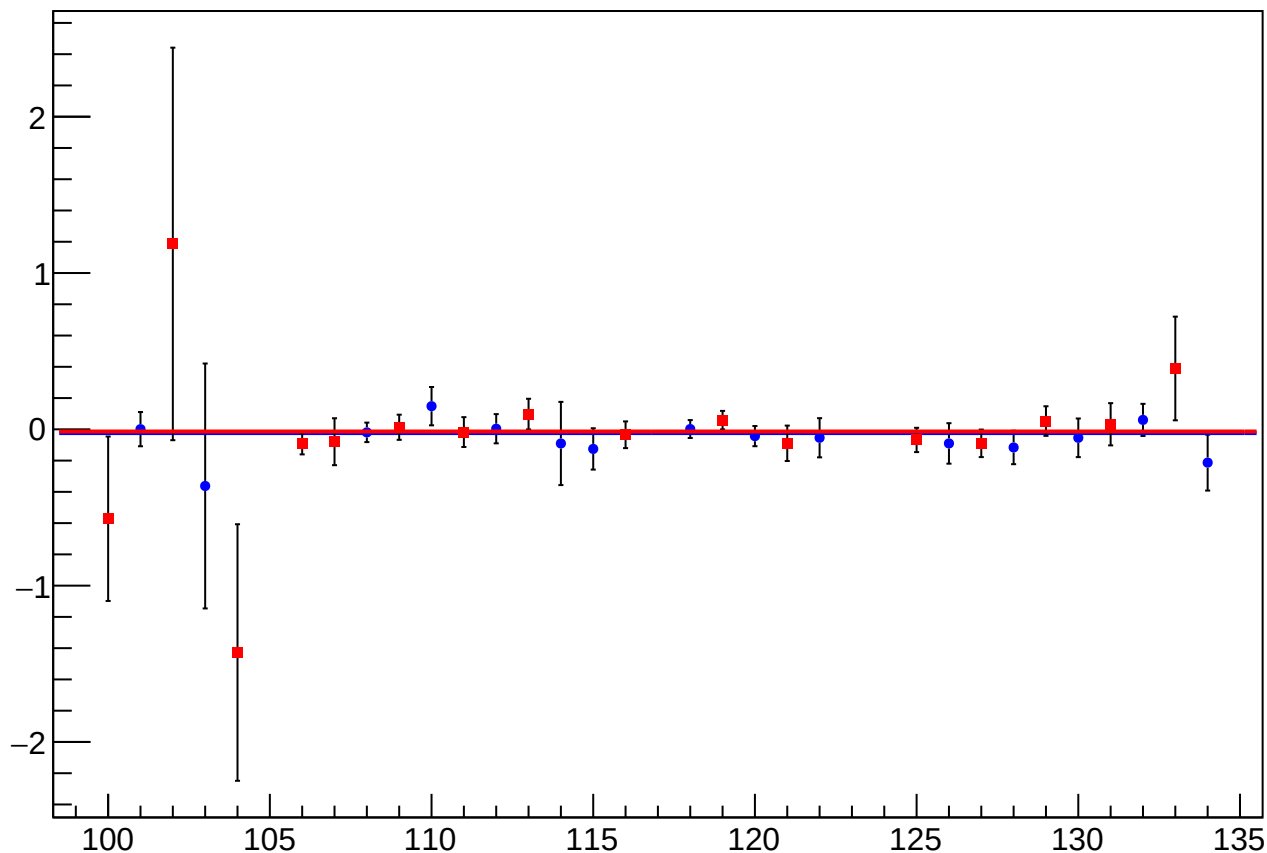
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 53.807 $\pm$ 0.013 χ^2 /NDF: 4993395.0/30

- 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: -0.014 ± 0.025 χ^2/NDF : 13.2/15

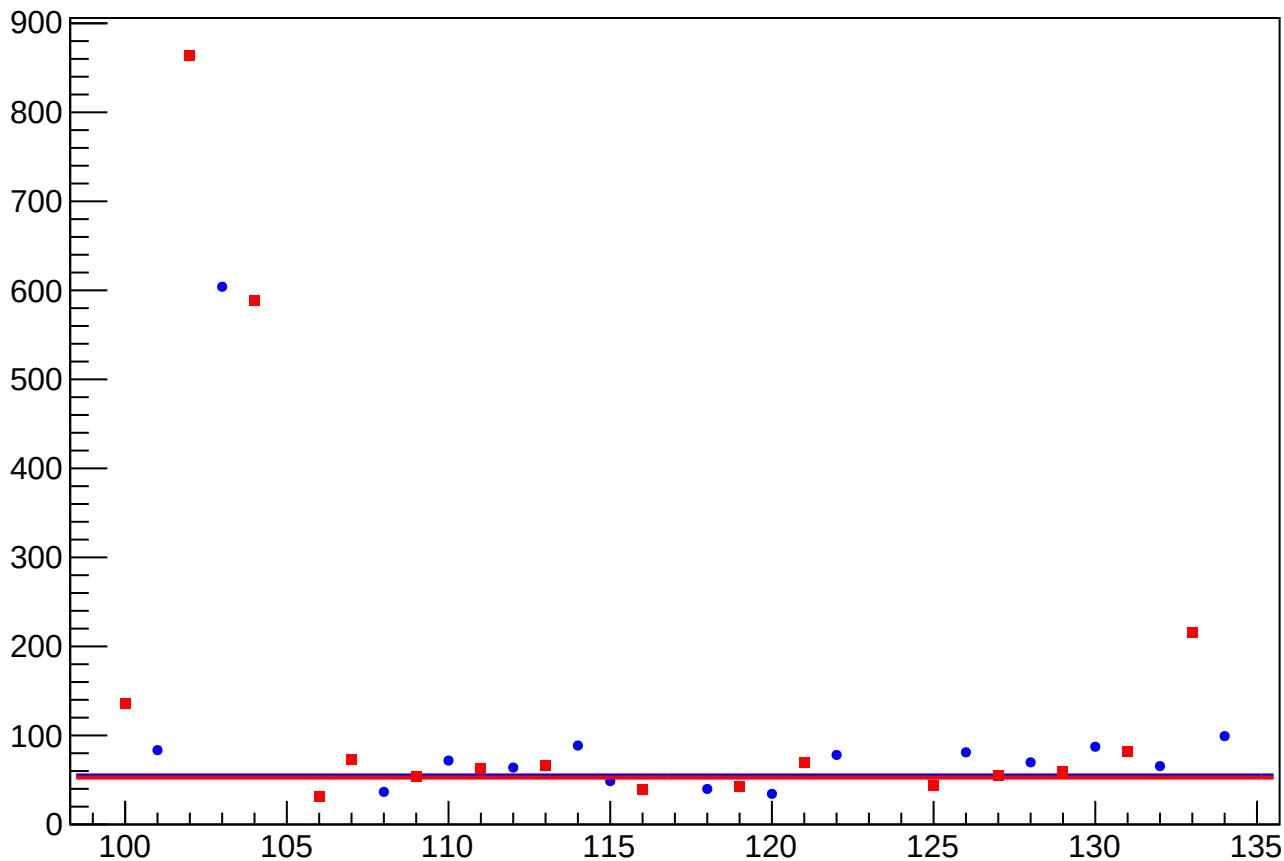
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.019 ± 0.018 χ^2/NDF : 19.4/30

- 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: 52.611+/-0.018 χ^2/NDF : 2791914.1/15

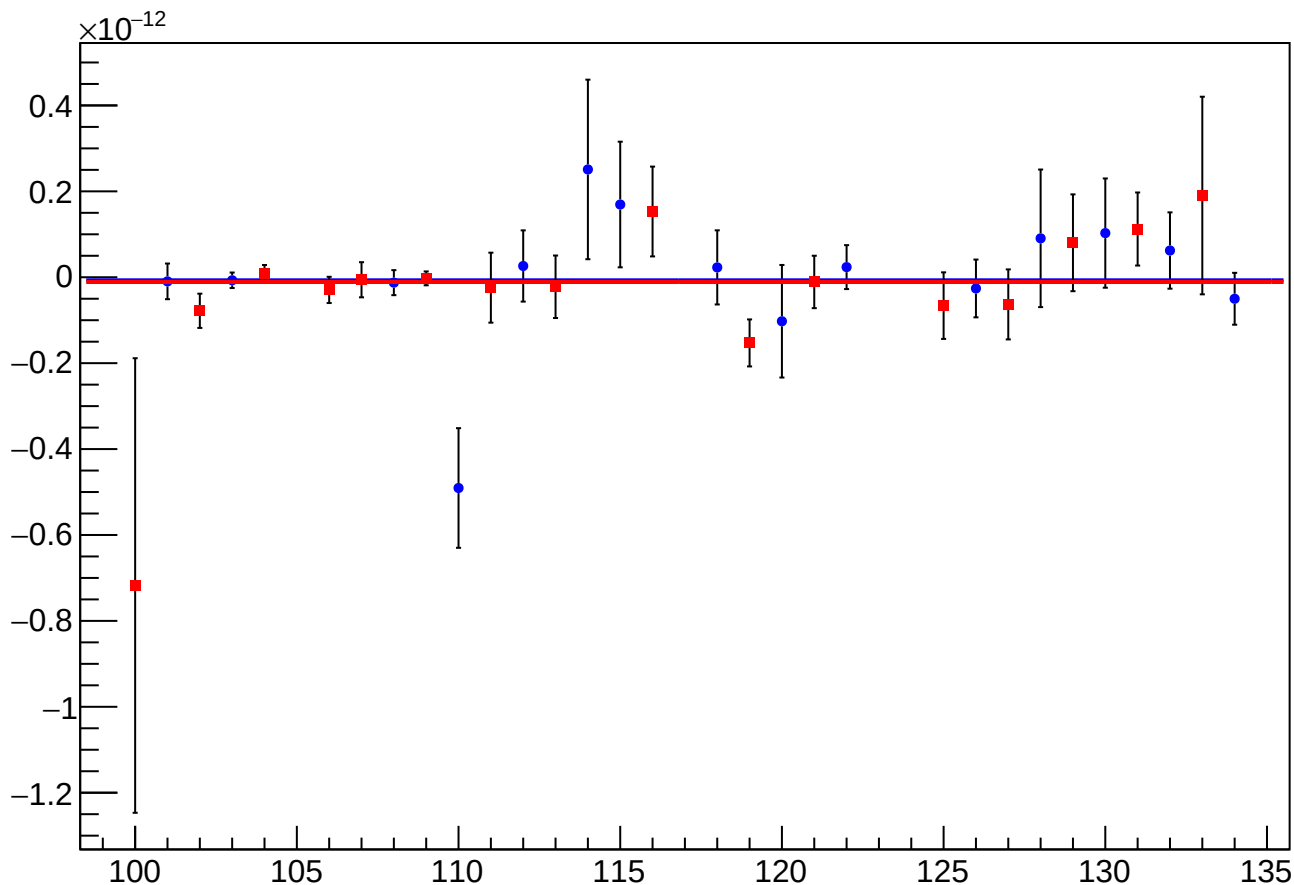
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.807+/-0.013 χ^2/NDF : 4993395.0/30

- 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 $\pm$ 0.000 χ^2 /NDF: 18.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.0/15

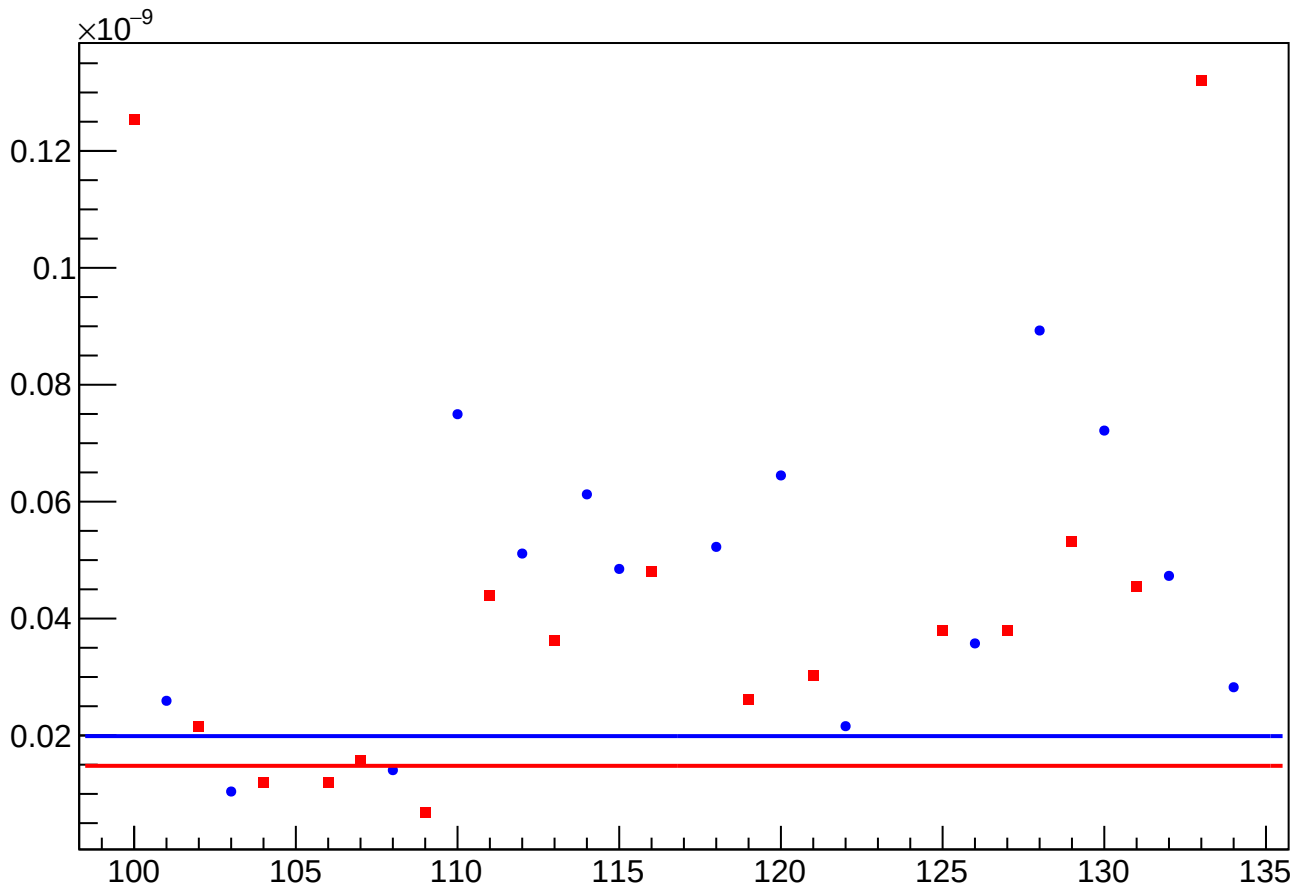
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 38.7/30

- sign 0.000 $\pm$ 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+/-0.000 χ^2/NDF : 2993750.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2894341.5/15

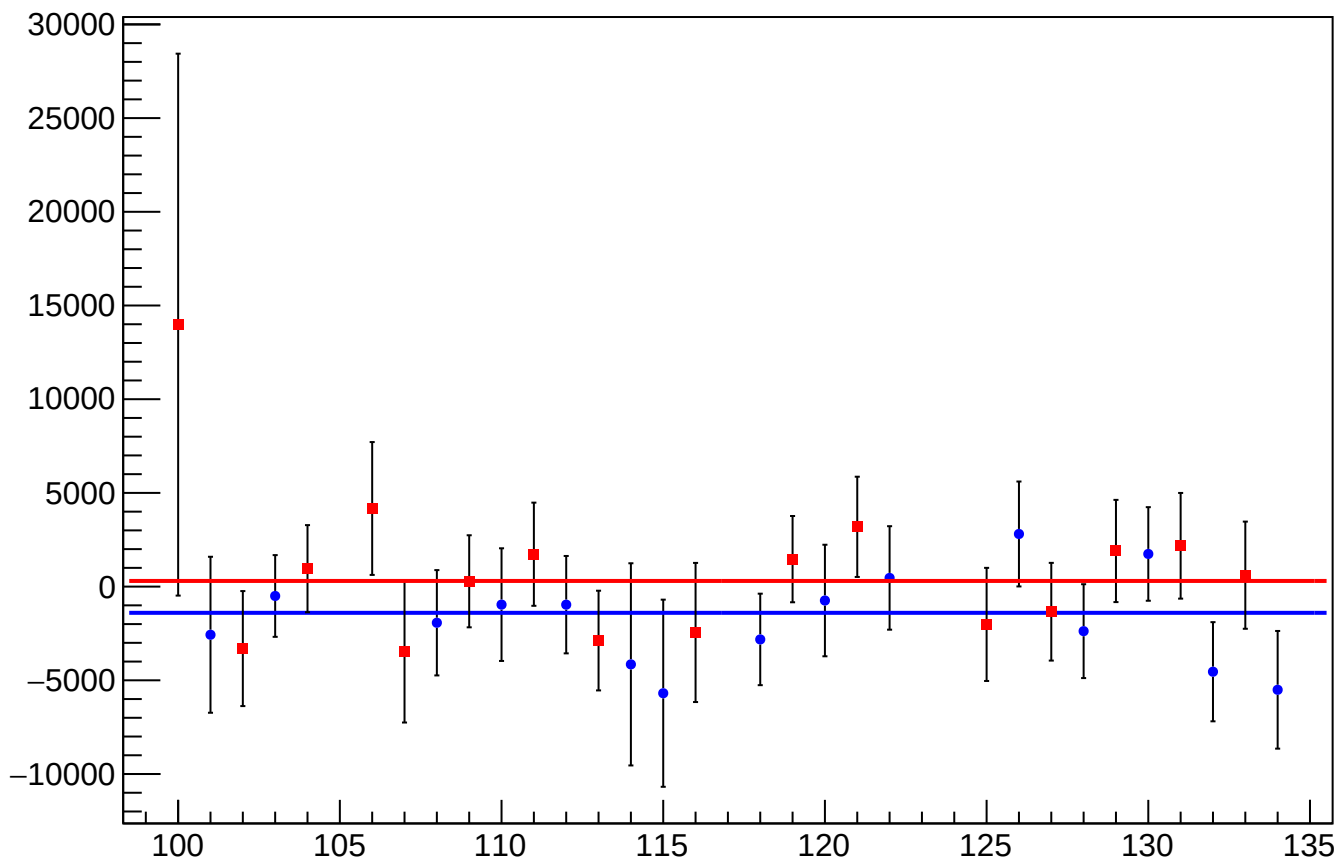
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6092892.7/30

- sign 0.000+/-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: 302.157 $\pm$ 720.775 χ^2 /NDF: 10.0/15

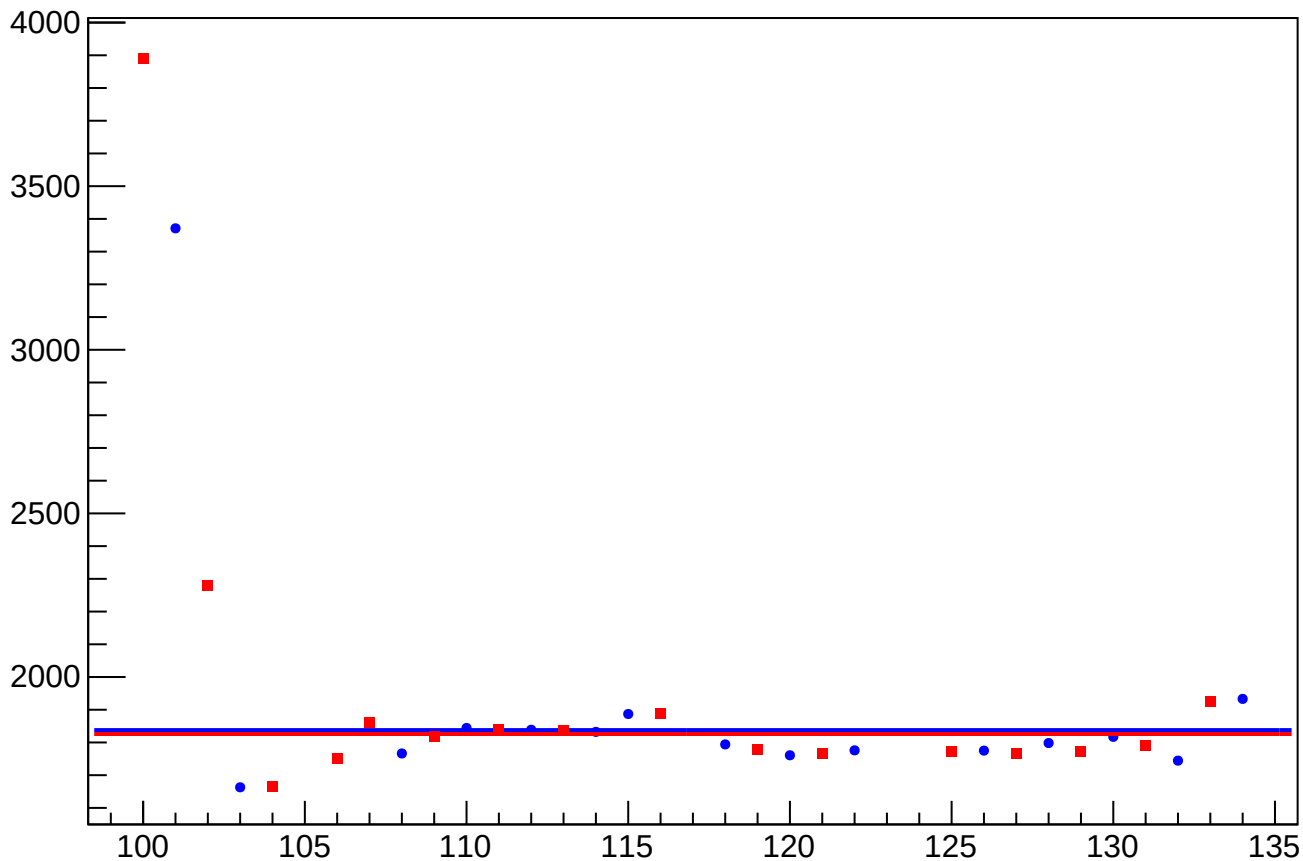
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -527.226 $\pm$ 515.955 χ^2 /NDF: 22.0/30

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

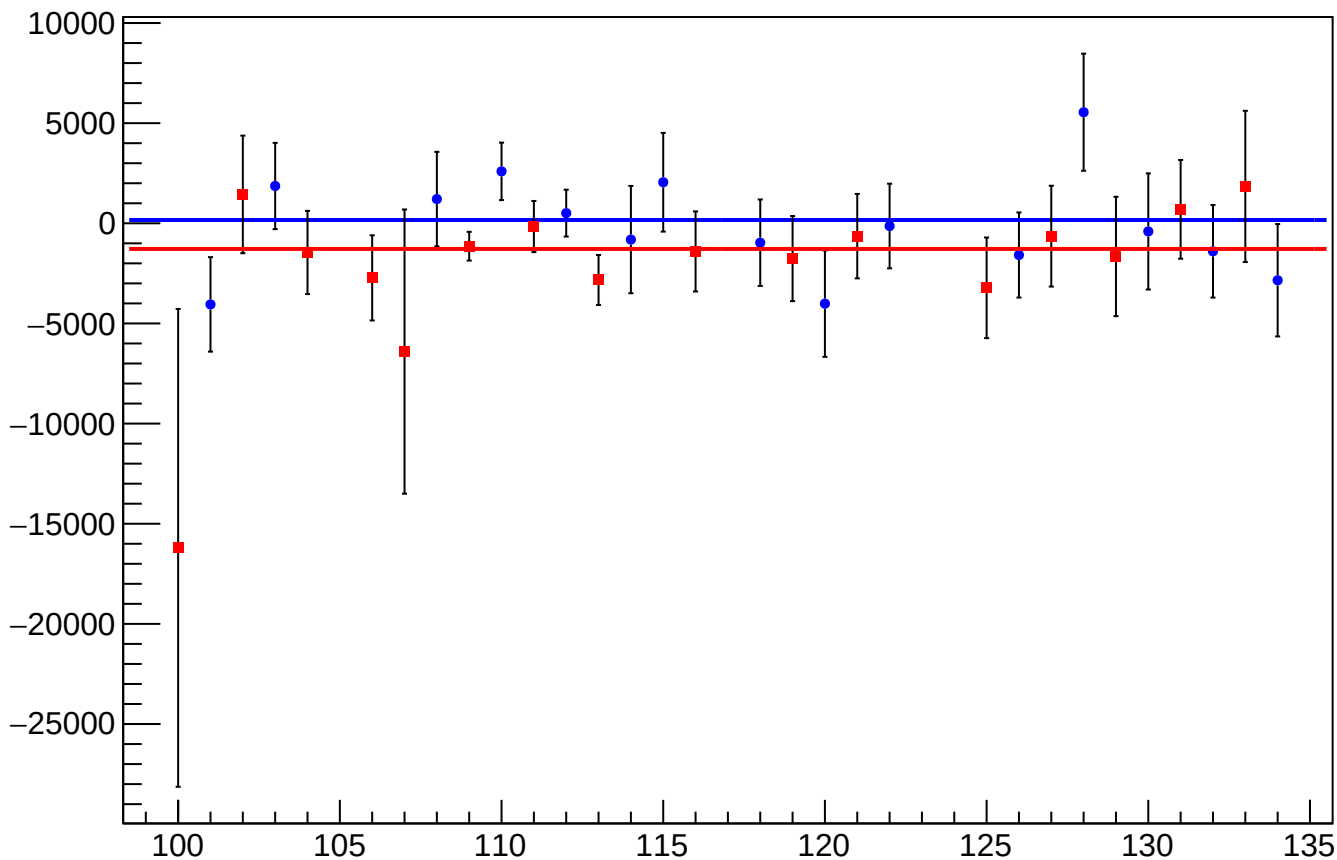
Right Out: 1825.855+/-0.510 χ^2/NDF : 102866.8/15

All: 1831.663+/-0.365 χ^2/NDF : 397919.8/30

- 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_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: -1278.883 $\pm$ 440.543 χ^2 /NDF: 7.9/15

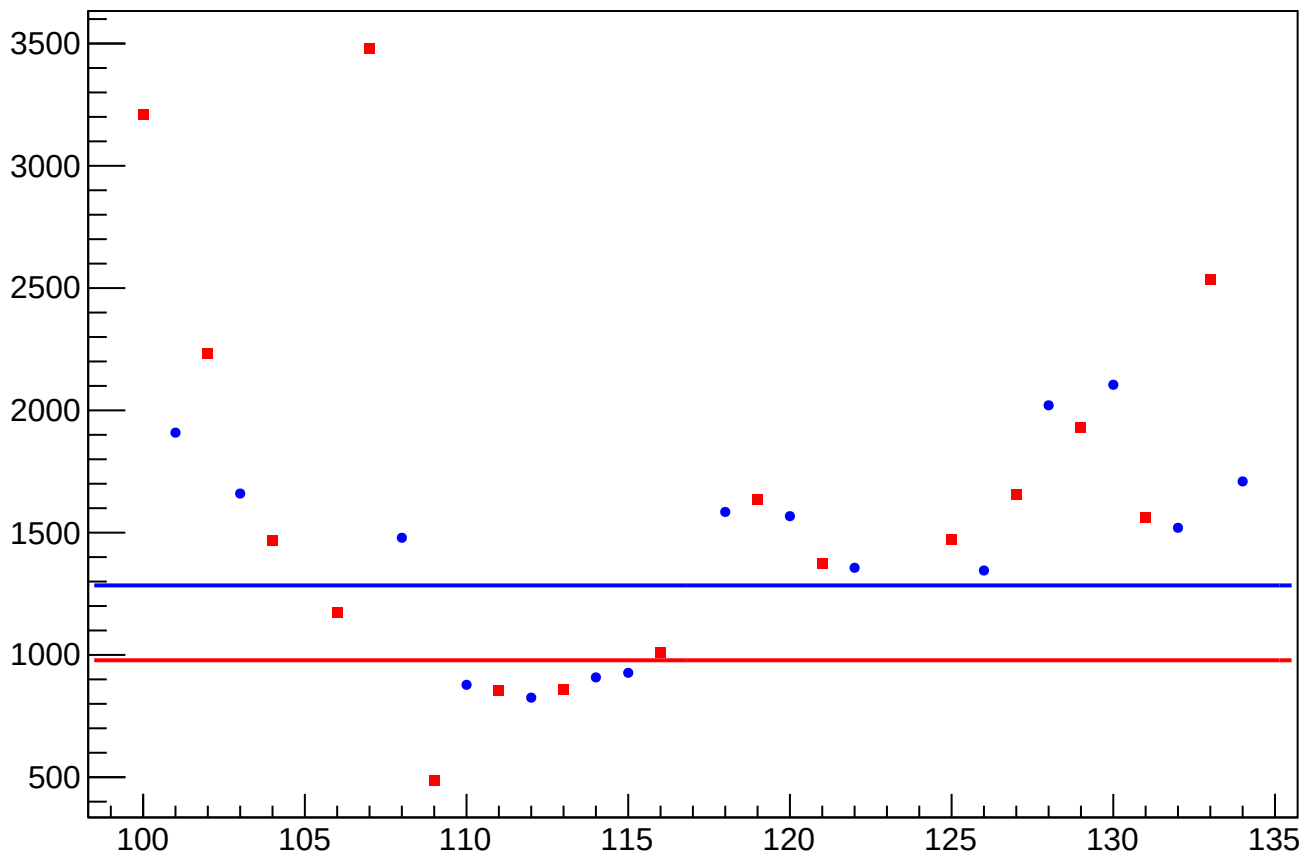
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -700.020 $\pm$ 340.970 χ^2 /NDF: 28.4/30

- 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: 978.134+/-0.312 χ^2 /NDF: 2932341.3/15

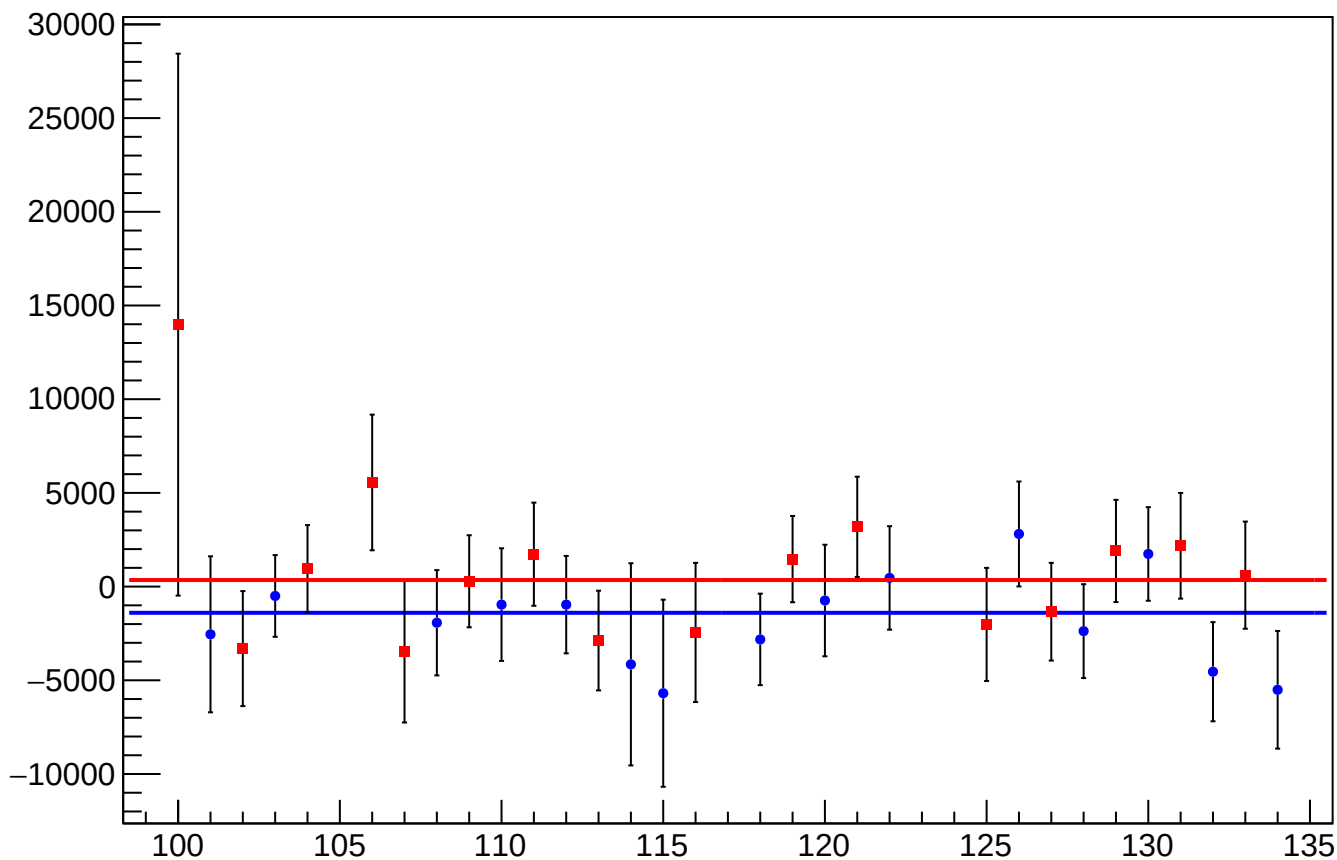
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1100.871+/-0.241 χ^2 /NDF: 4503681.3/30

- 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: 350.909 $\pm$ 721.384 χ^2 /NDF: 10.9/15

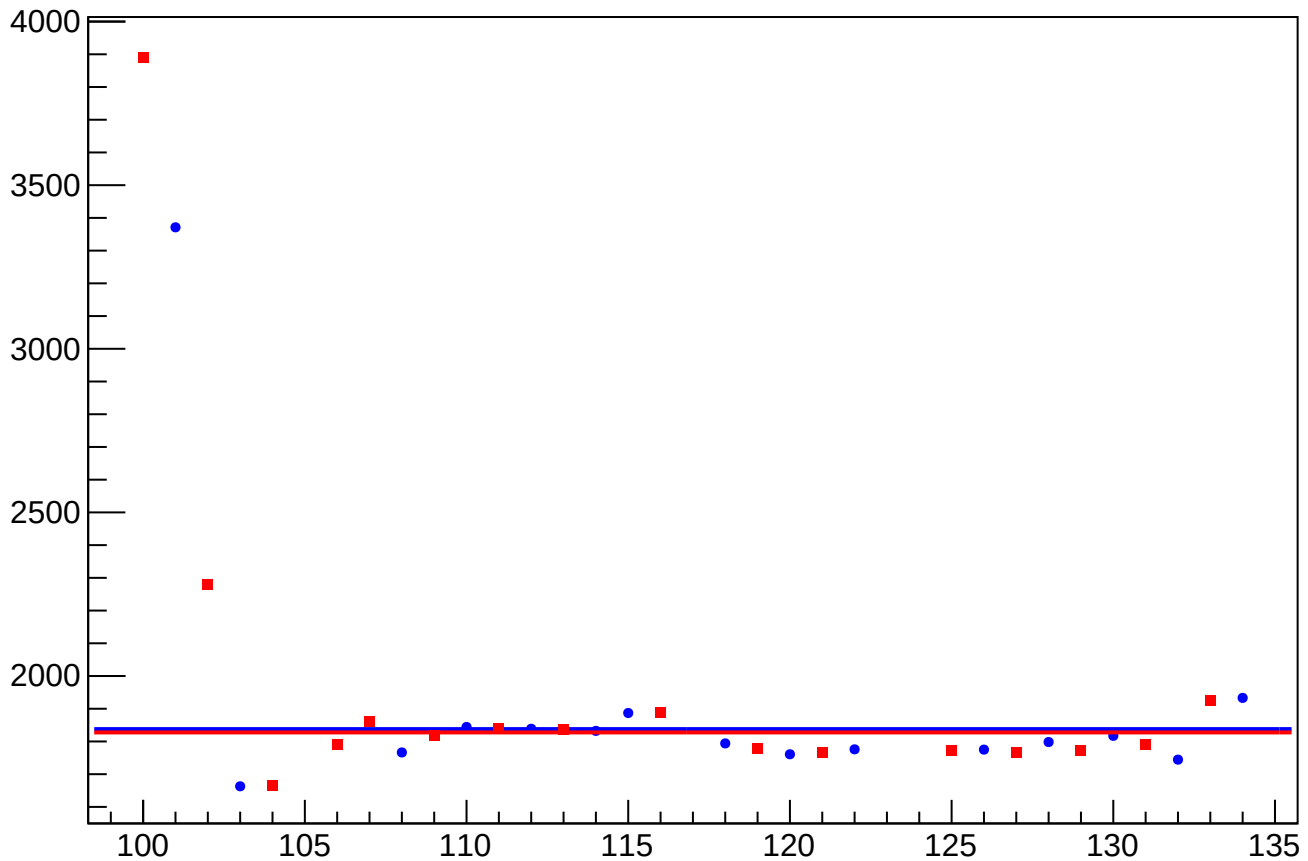
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -502.614 $\pm$ 516.178 χ^2 /NDF: 23.1/30

- 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 $\pm$ 0.522 χ^2 /NDF: 294788.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1827.607 $\pm$ 0.510 χ^2 /NDF: 102134.0/15

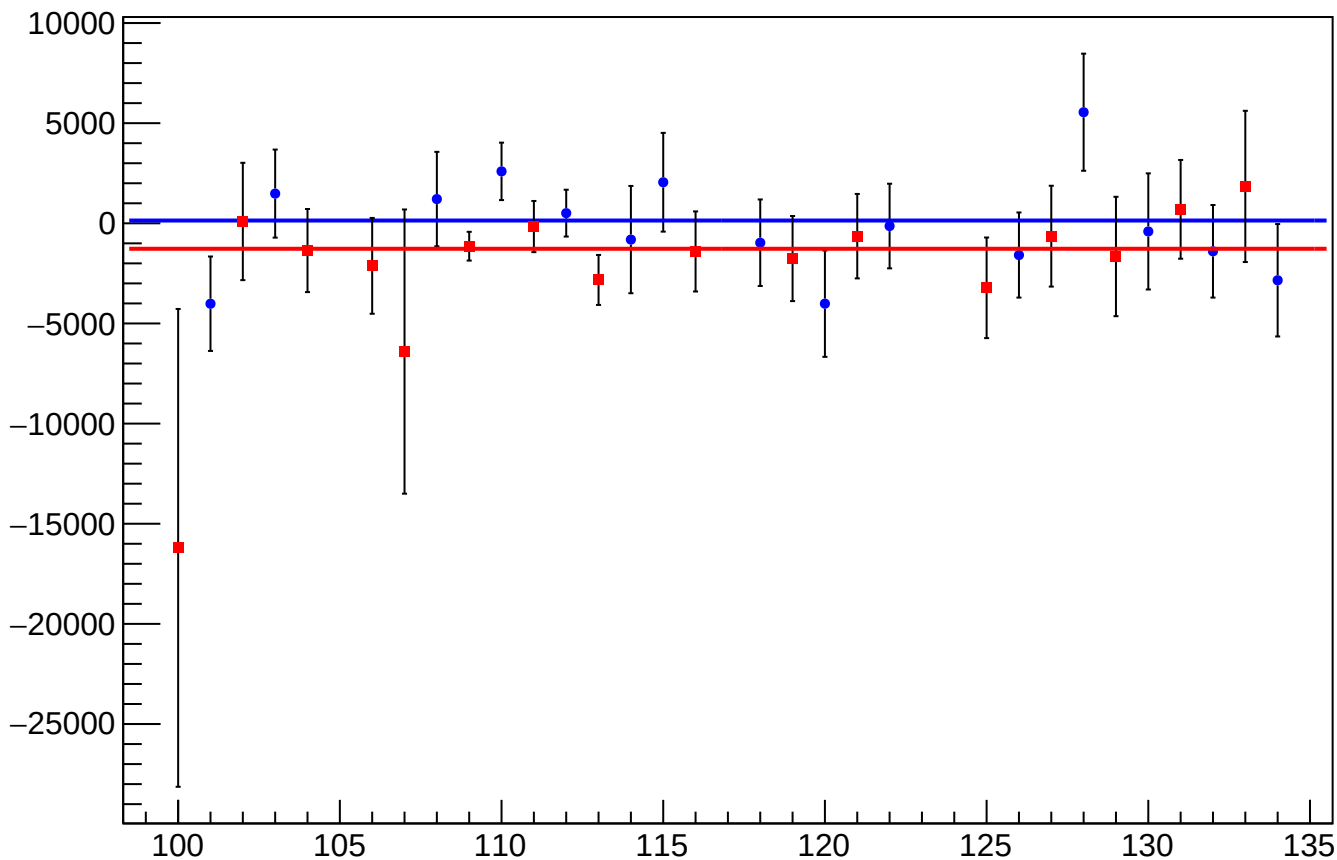
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1832.565 $\pm$ 0.365 χ^2 /NDF: 397116.3/30

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_cor_correction_mean vs Slug



Right In: 139.225+/-539.141 χ^2/NDF : 15.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1270.863+/-442.500 χ^2/NDF : 6.9/15

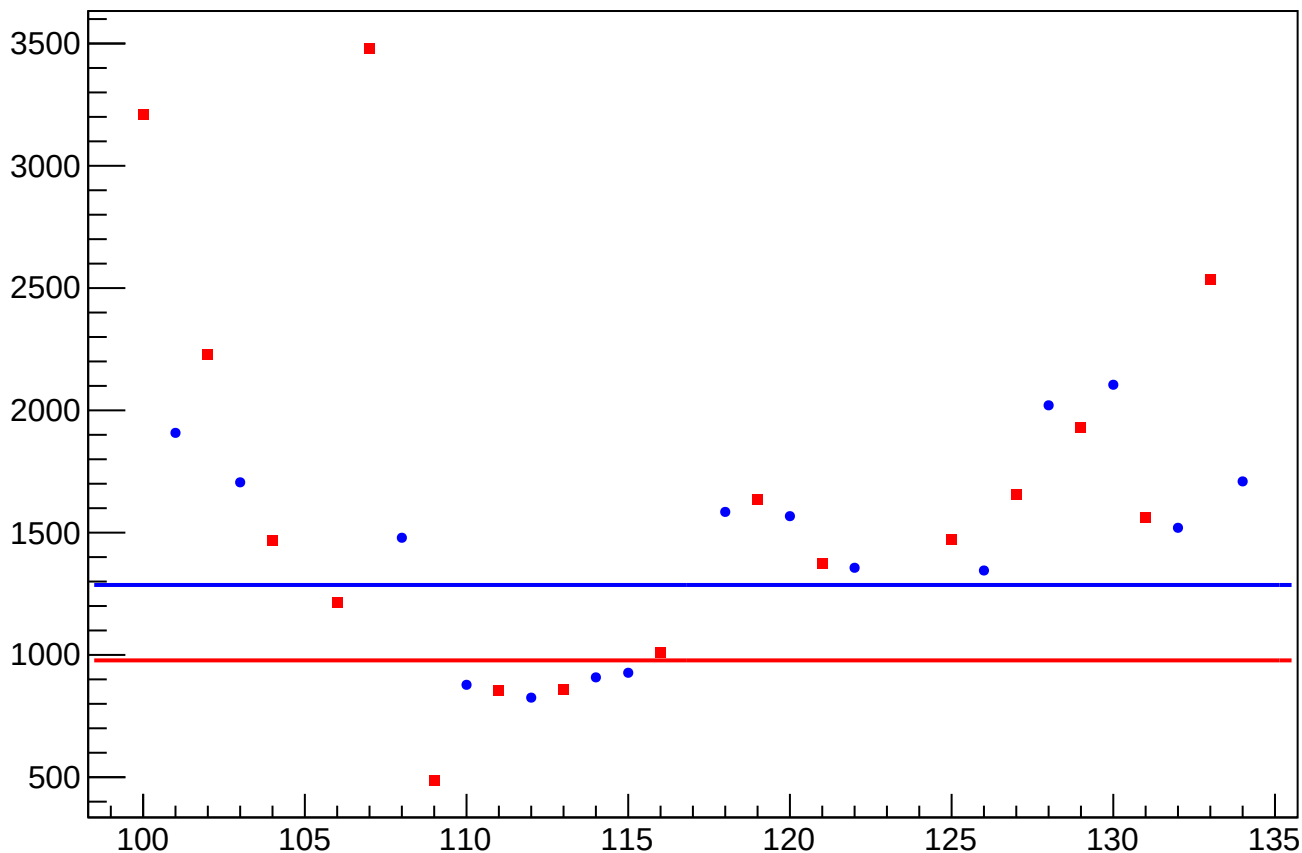
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -703.308+/-342.045 χ^2/NDF : 26.9/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_cor_correction_rms vs Slug



Right In: 1286.045 $\pm$ 0.381 χ^2 /NDF: 1196563.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 977.650 $\pm$ 0.313 χ^2 /NDF: 2933347.6/15

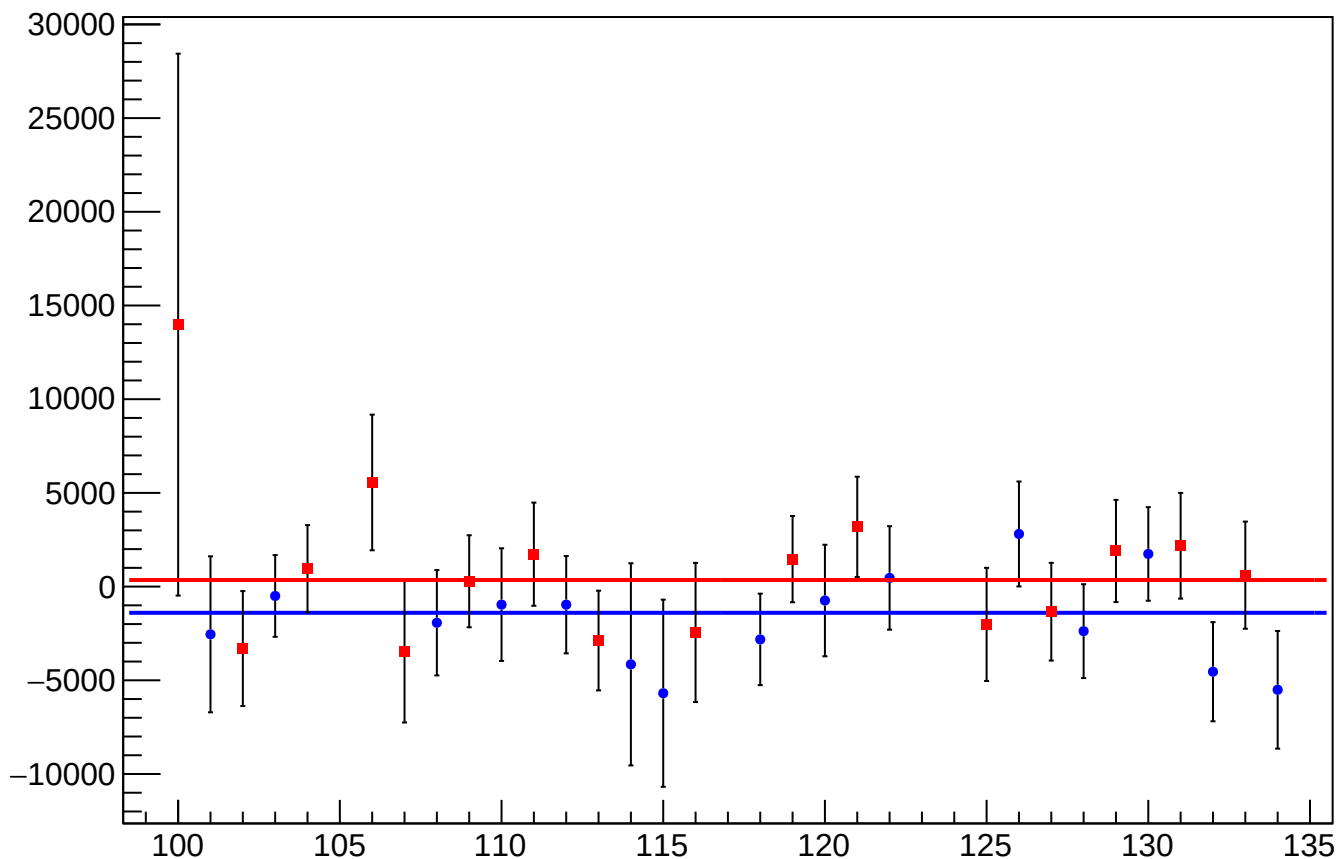
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1101.778 $\pm$ 0.242 χ^2 /NDF: 4520914.9/30

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_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: 350.909 $\pm$ 721.384 χ^2 /NDF: 10.9/15

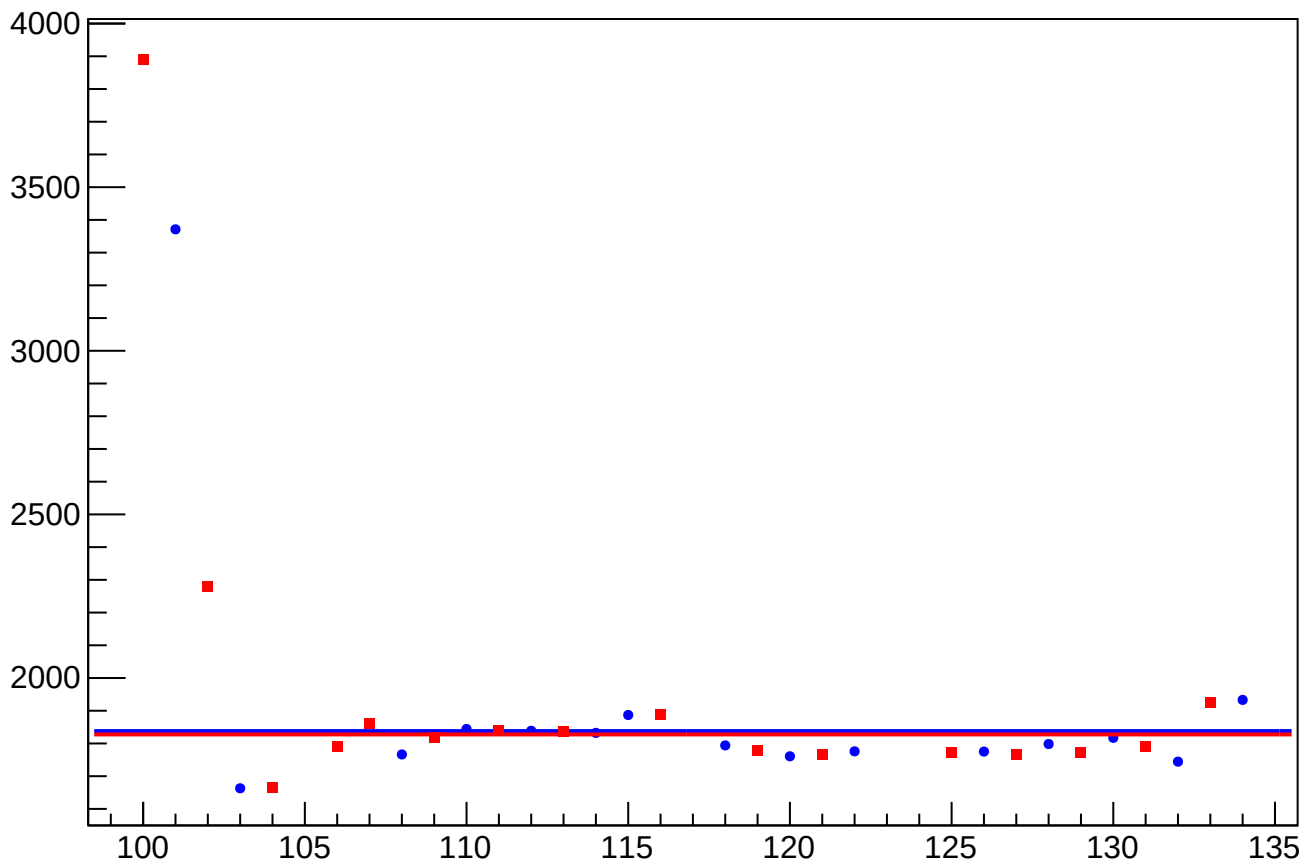
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -502.614 $\pm$ 516.178 χ^2 /NDF: 23.1/30

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1837.767 $\pm$ 0.522 χ^2 /NDF: 294788.6/14

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

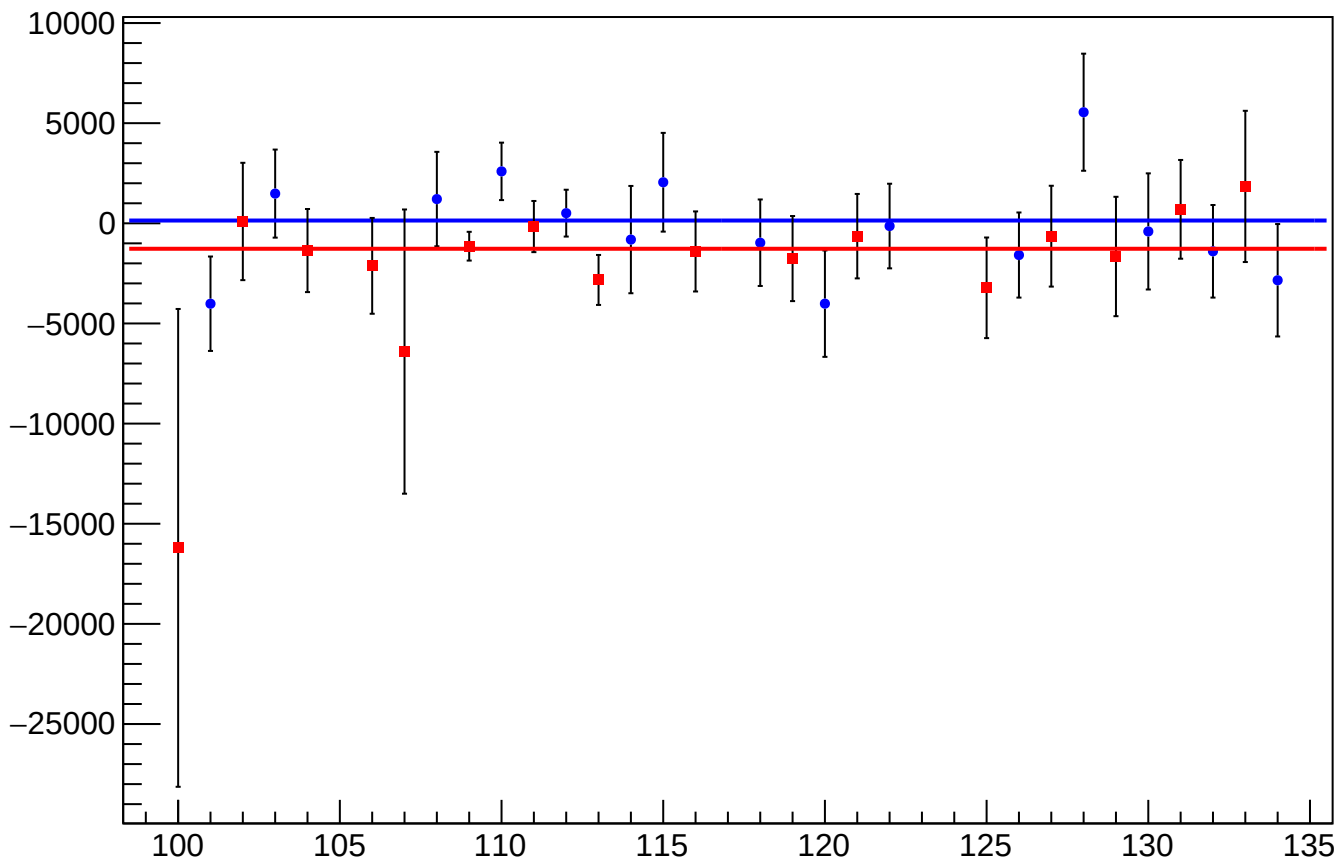
Right Out: 1827.607 $\pm$ 0.510 χ^2 /NDF: 102134.0/15

All: 1832.565 $\pm$ 0.365 χ^2 /NDF: 397116.3/30

- 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_atlr_dd_avg_eigen_cor_correction_mean vs Slug



Right In: 139.225+/-539.141 χ^2/NDF : 15.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1270.863+/-442.500 χ^2/NDF : 6.9/15

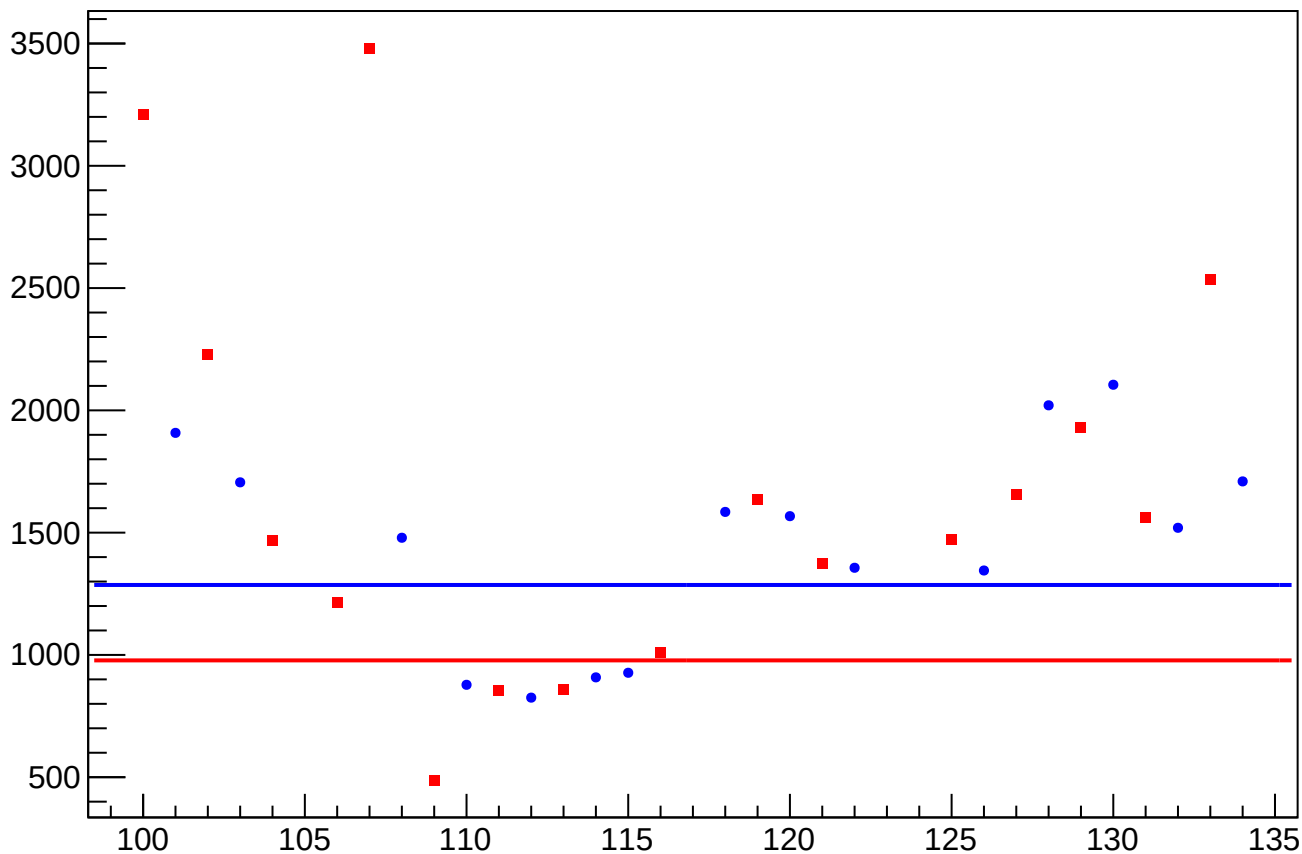
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -703.308+/-342.045 χ^2/NDF : 26.9/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_cor_correction_rms vs Slug



Right In: 1286.045 $\pm$ 0.381 χ^2 /NDF: 1196563.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 977.650 $\pm$ 0.313 χ^2 /NDF: 2933347.6/15

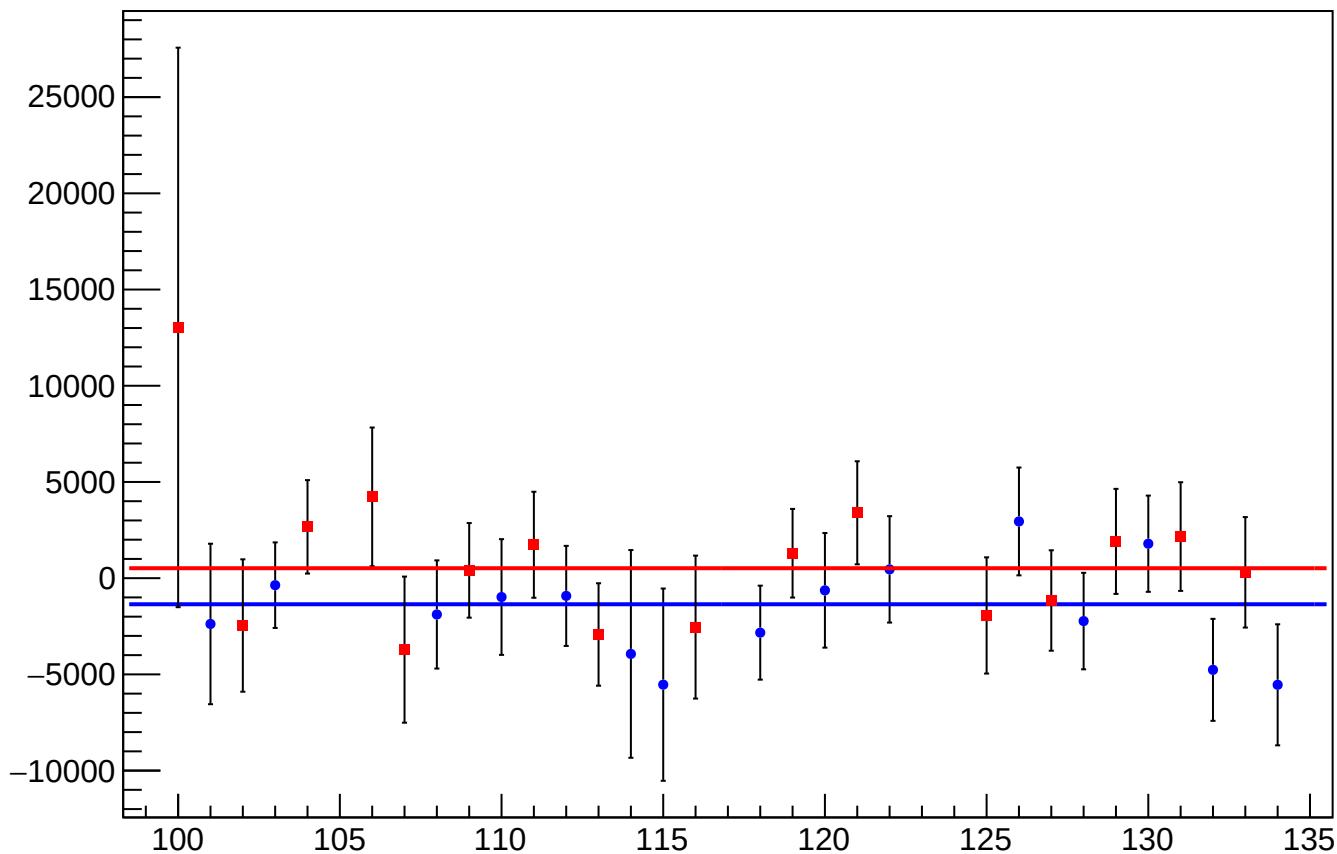
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1101.778 $\pm$ 0.242 χ^2 /NDF: 4520914.9/30

- sign 0.000 $\pm$ 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: 517.196 ± 729.044 χ^2/NDF : 10.1/15

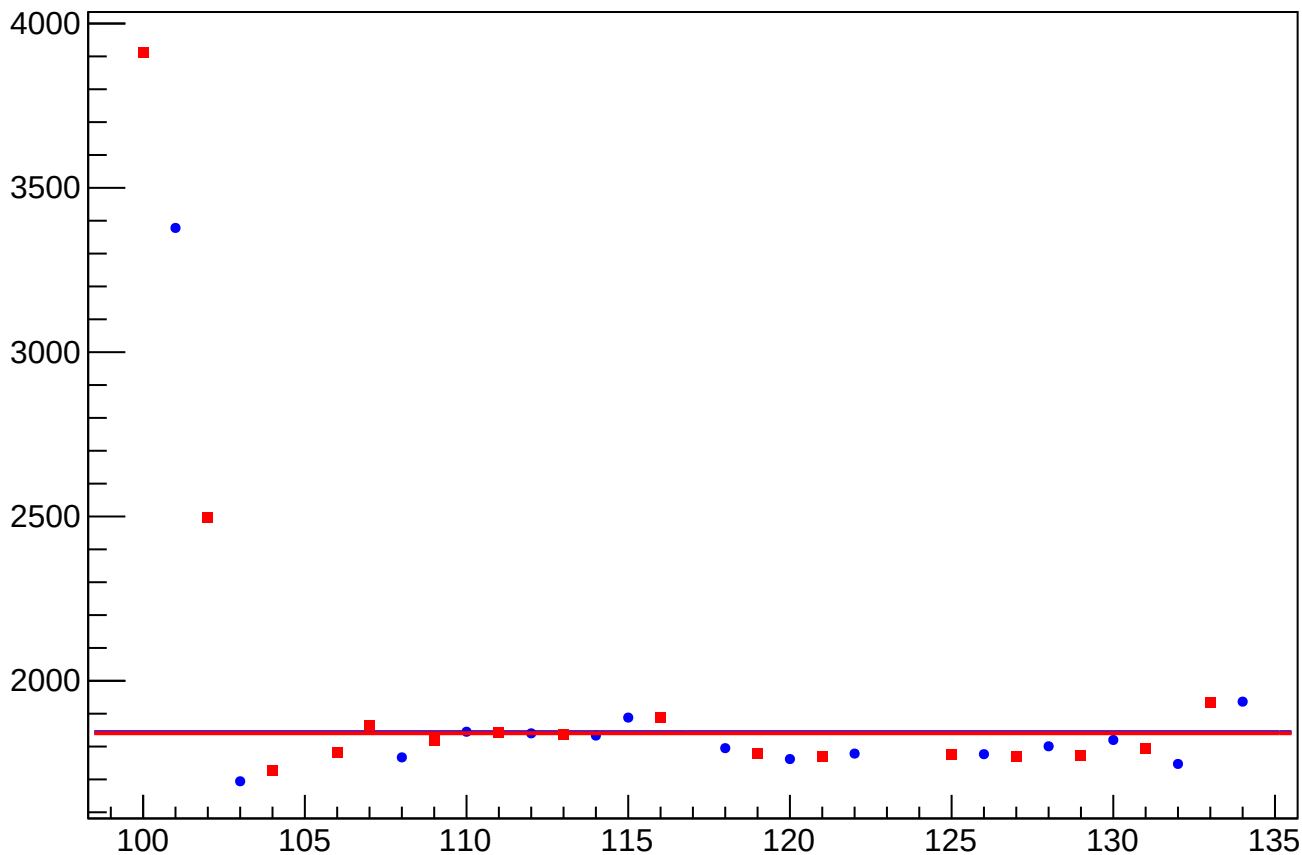
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -403.763 ± 519.761 χ^2/NDF : 22.9/30

- 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: 1840.573+/-0.516 χ^2/NDF : 128075.7/15

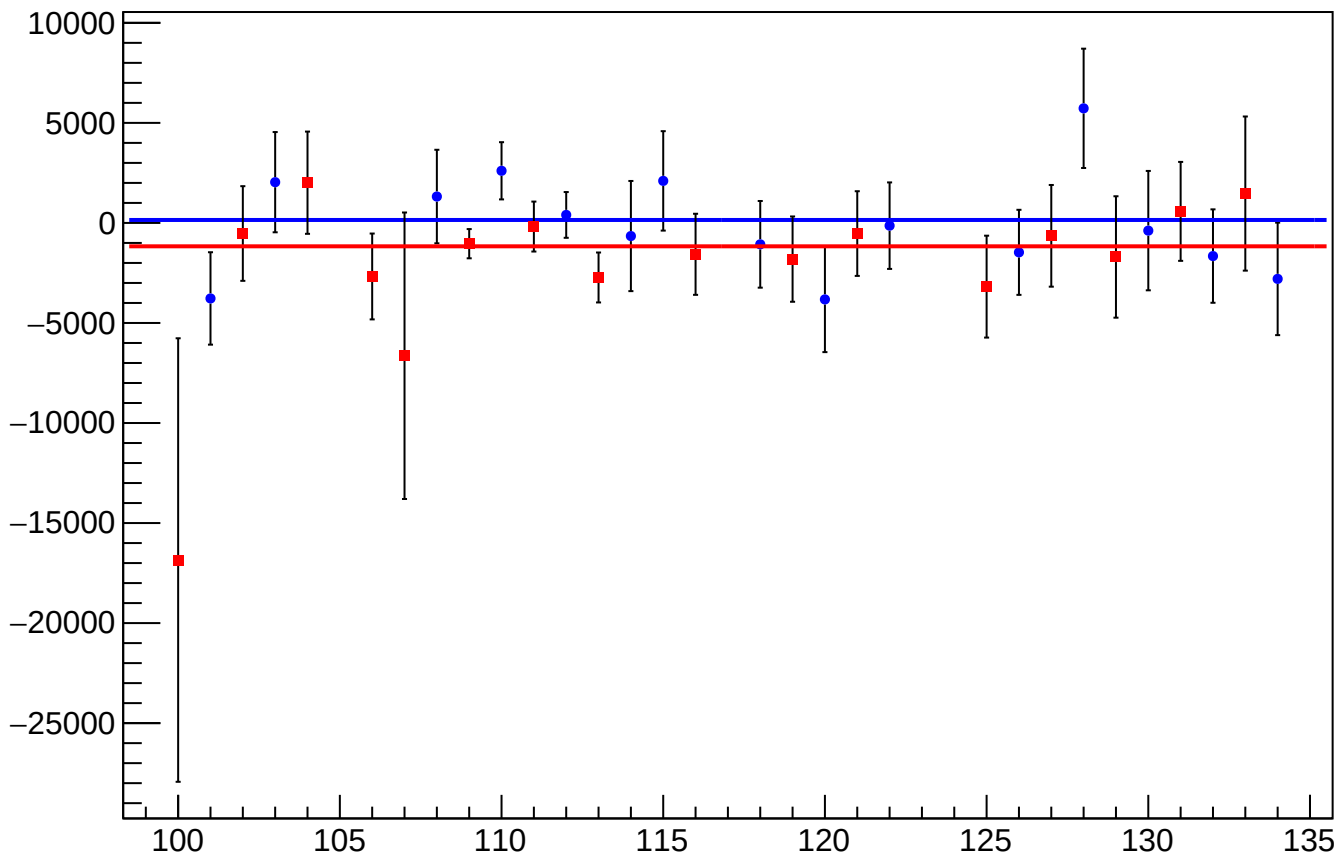
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1842.101+/-0.368 χ^2/NDF : 419230.6/30

- 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: -1168.880+/-444.111 χ^2/NDF : 8.8/15

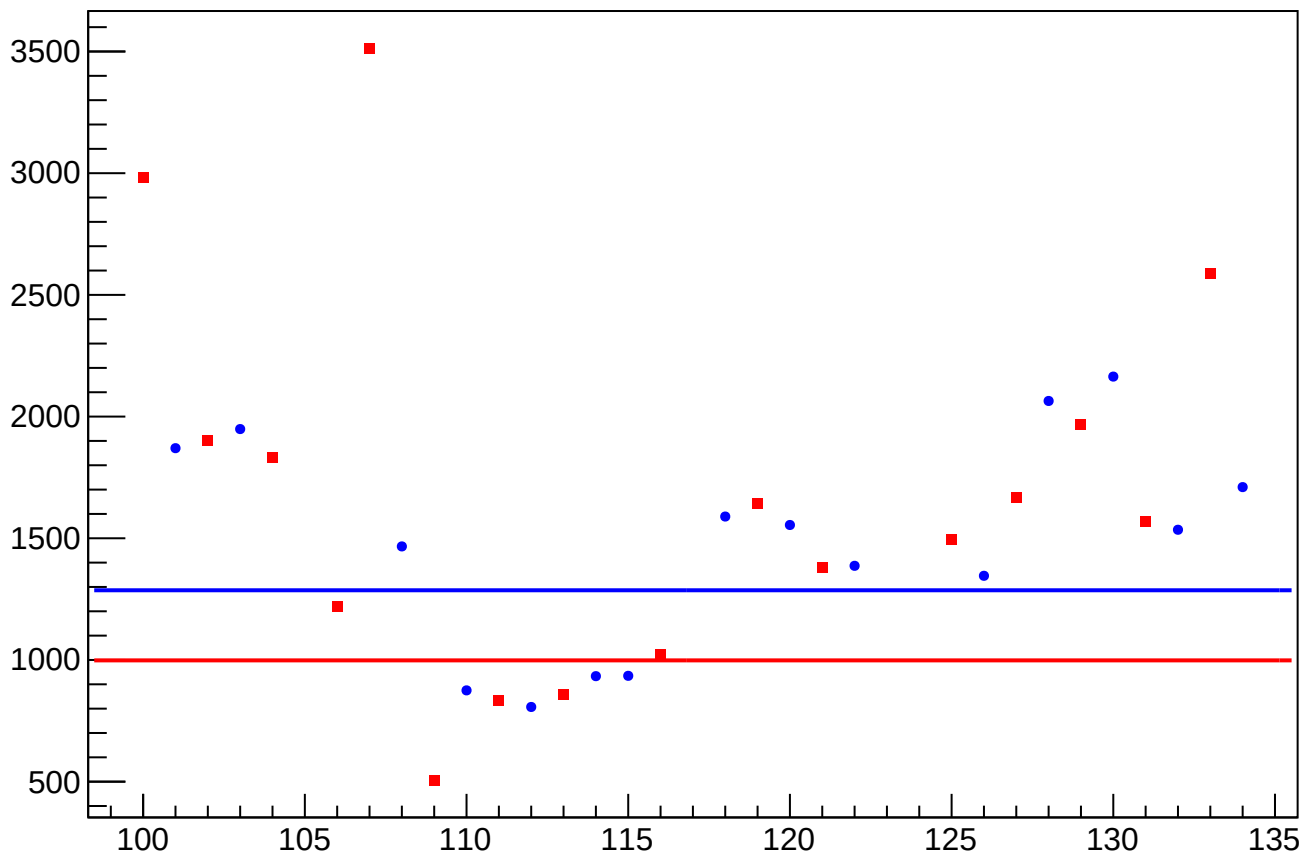
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -639.953+/-343.496 χ^2/NDF : 28.2/30

- 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

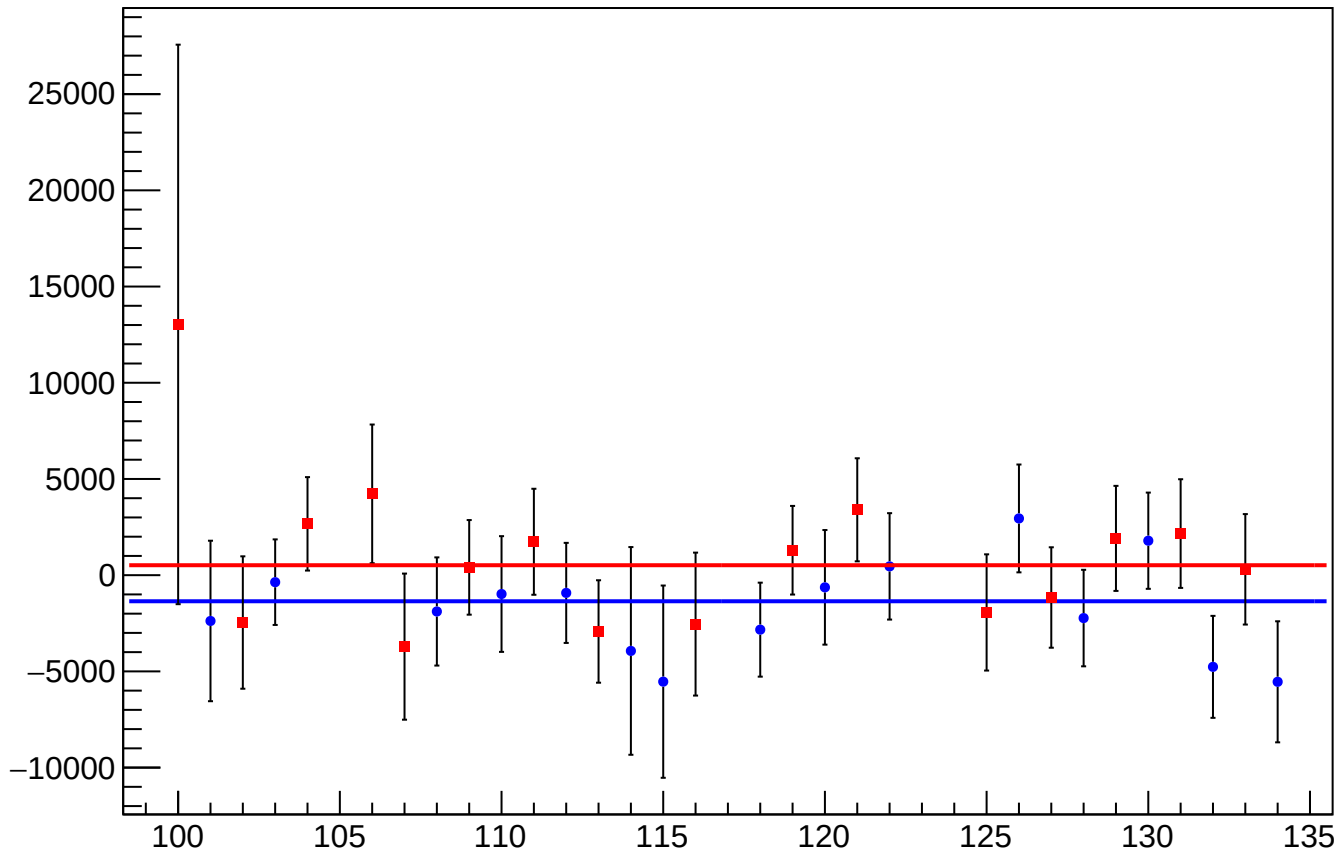
Right Out: 998.321+/-0.314 χ^2/NDF : 2927075.7/15

All: 1114.049+/-0.243 χ^2/NDF : 4577778.4/30

- 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+/-741.214 χ^2/NDF : 9.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 517.200+/-729.044 χ^2/NDF : 10.1/15

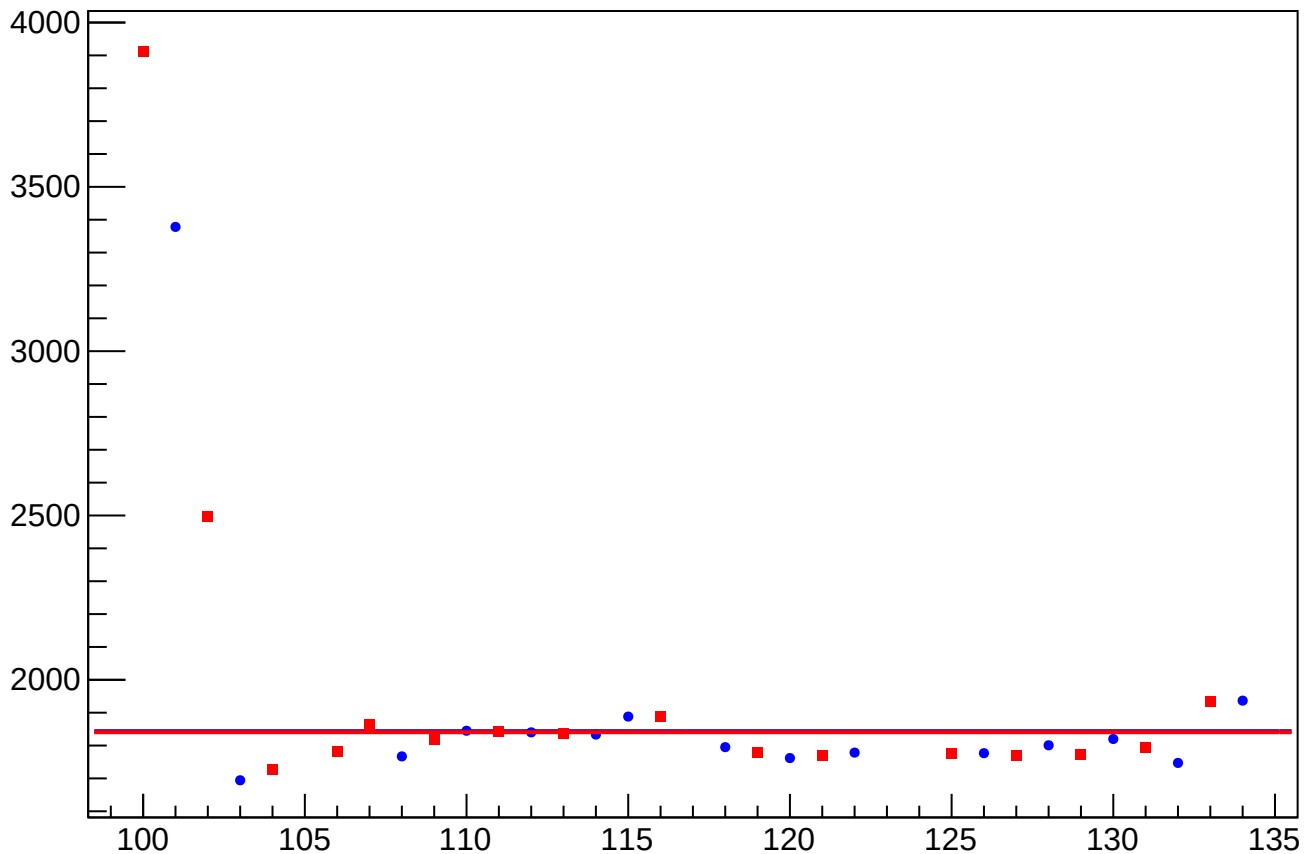
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -403.761+/-519.761 χ^2/NDF : 22.9/30

- sign 0.000+/-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: 1840.573+/-0.516 χ^2/NDF : 128075.7/15

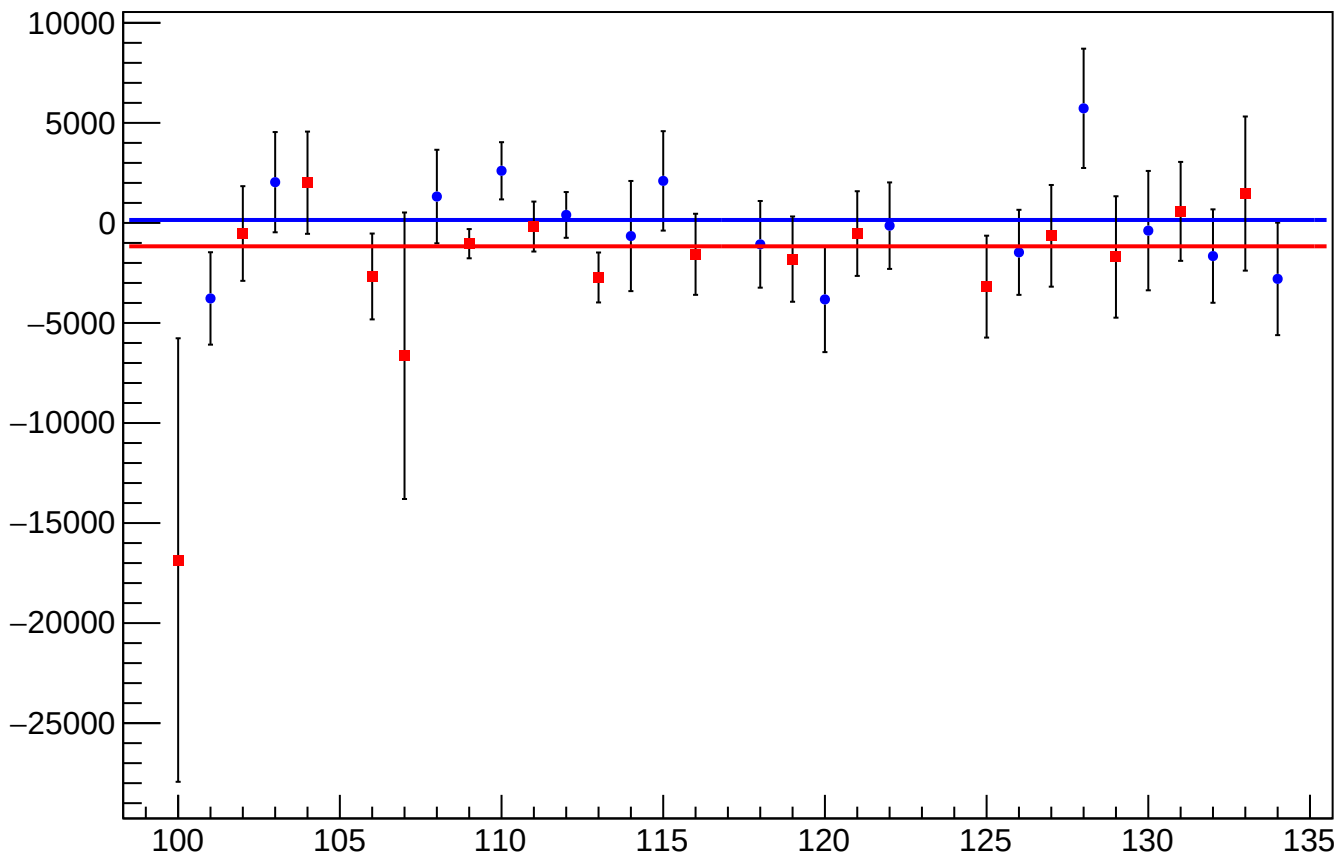
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1842.101+/-0.368 χ^2/NDF : 419230.6/30

- 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: -1168.877 $\pm$ 444.110 χ^2 /NDF: 8.8/15

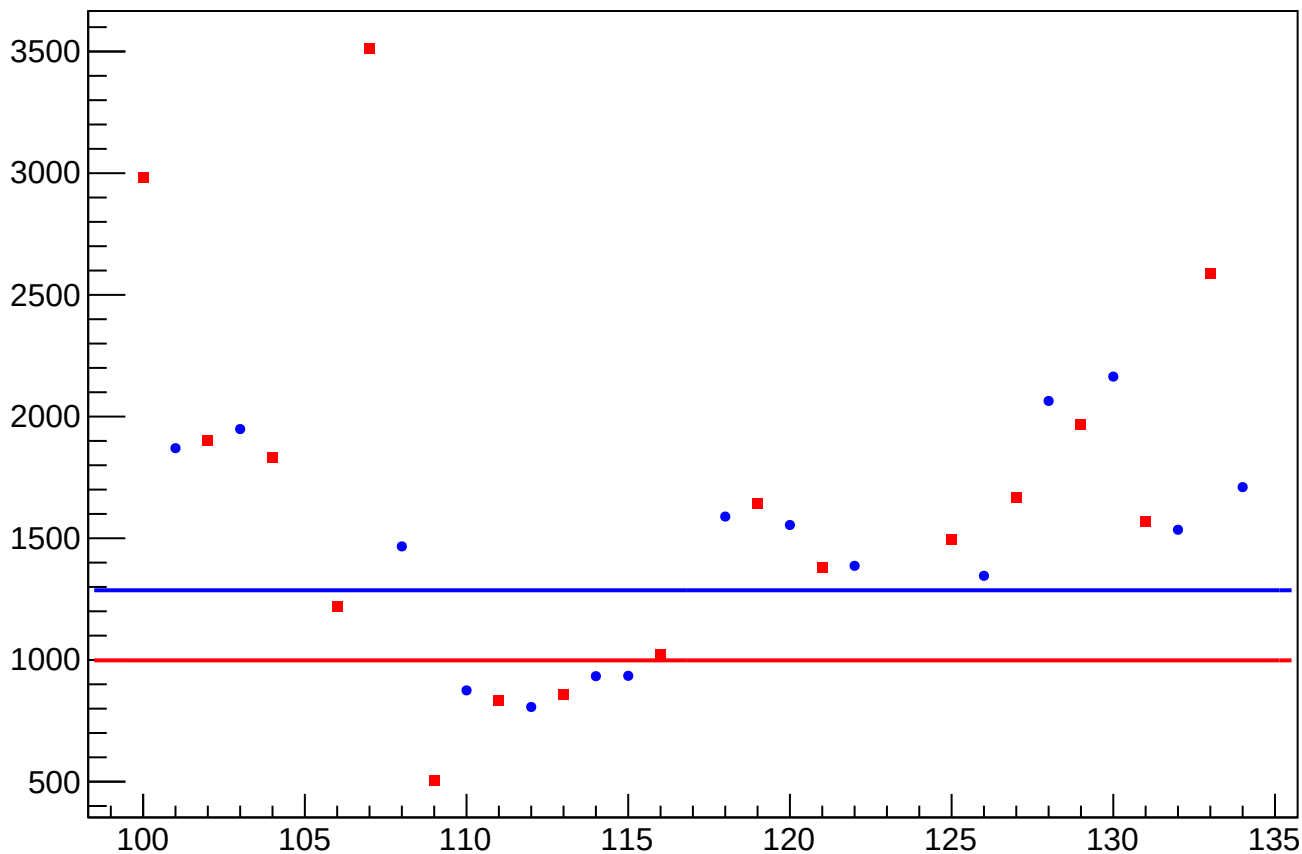
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -639.949 $\pm$ 343.495 χ^2 /NDF: 28.2/30

- 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

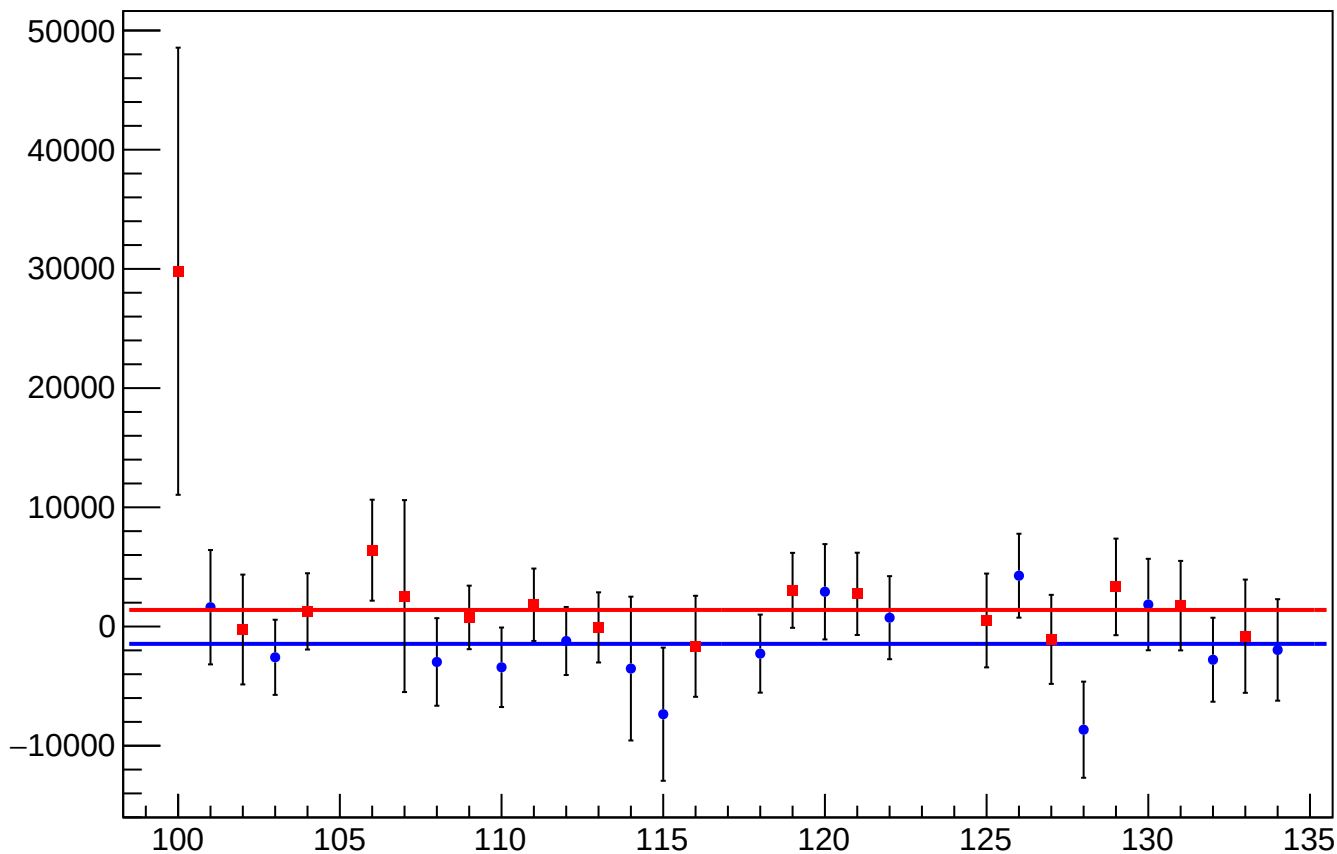
Right Out: 998.319+/-0.314 χ^2/NDF : 2927064.8/15

All: 1114.046+/-0.243 χ^2/NDF : 4577769.9/30

- 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: 1391.172 ± 937.905 χ^2/NDF : 6.1/15

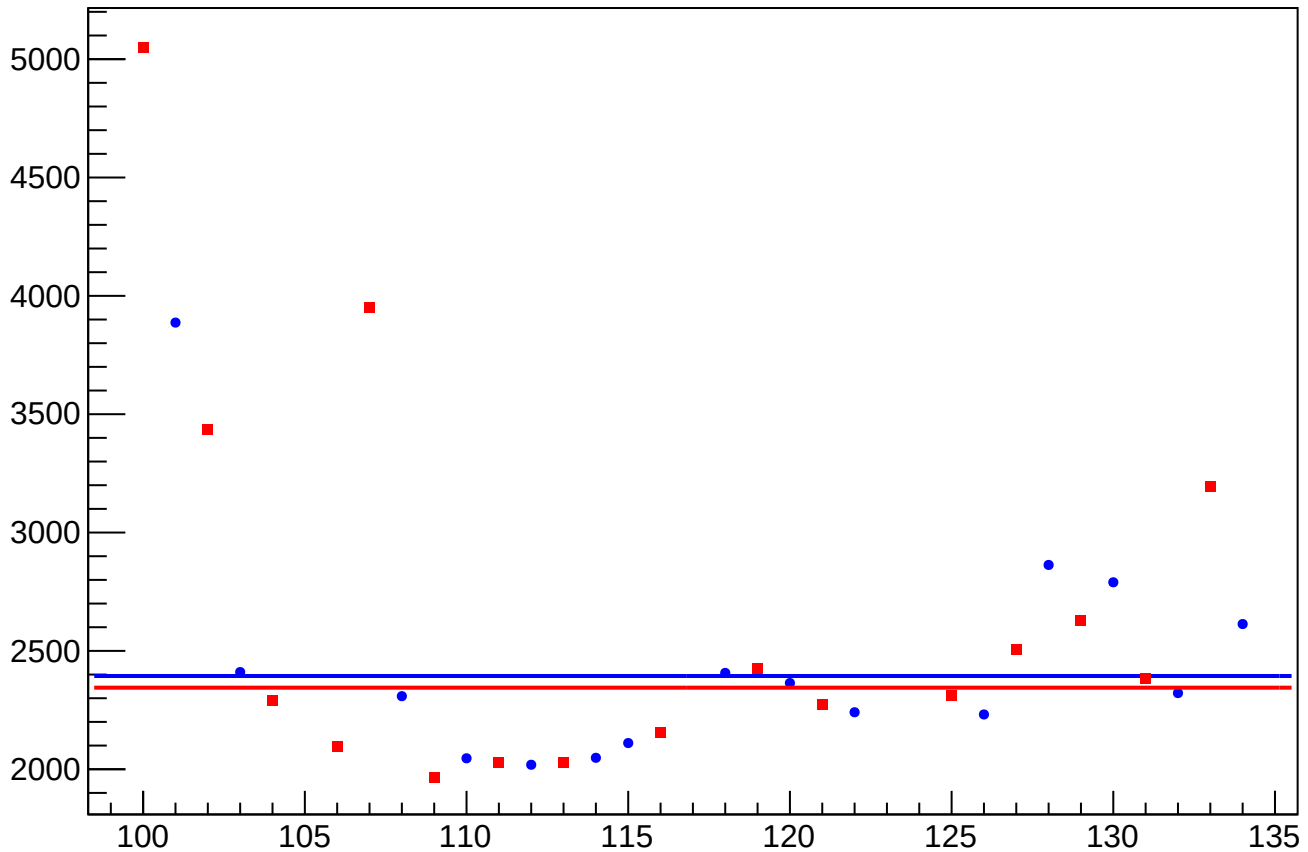
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 8.299 ± 672.462 χ^2/NDF : 21.2/30

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 2393.949 $\pm$ 0.682 χ^2 /NDF: 325704.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2344.645 $\pm$ 0.663 χ^2 /NDF: 409752.9/15

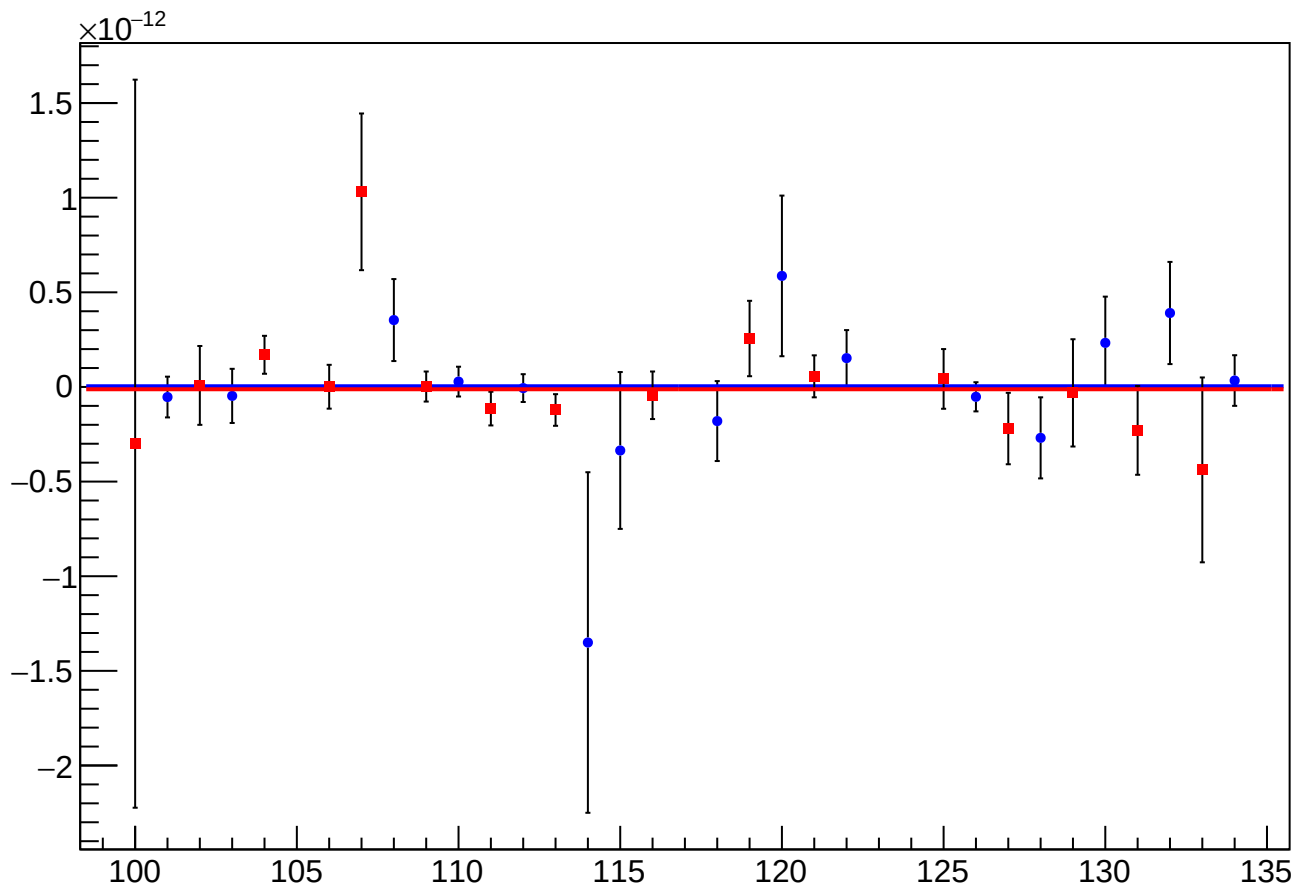
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2368.603 $\pm$ 0.475 χ^2 /NDF: 738143.4/30

- sign 0.000 $\pm$ 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 : 18.0/15

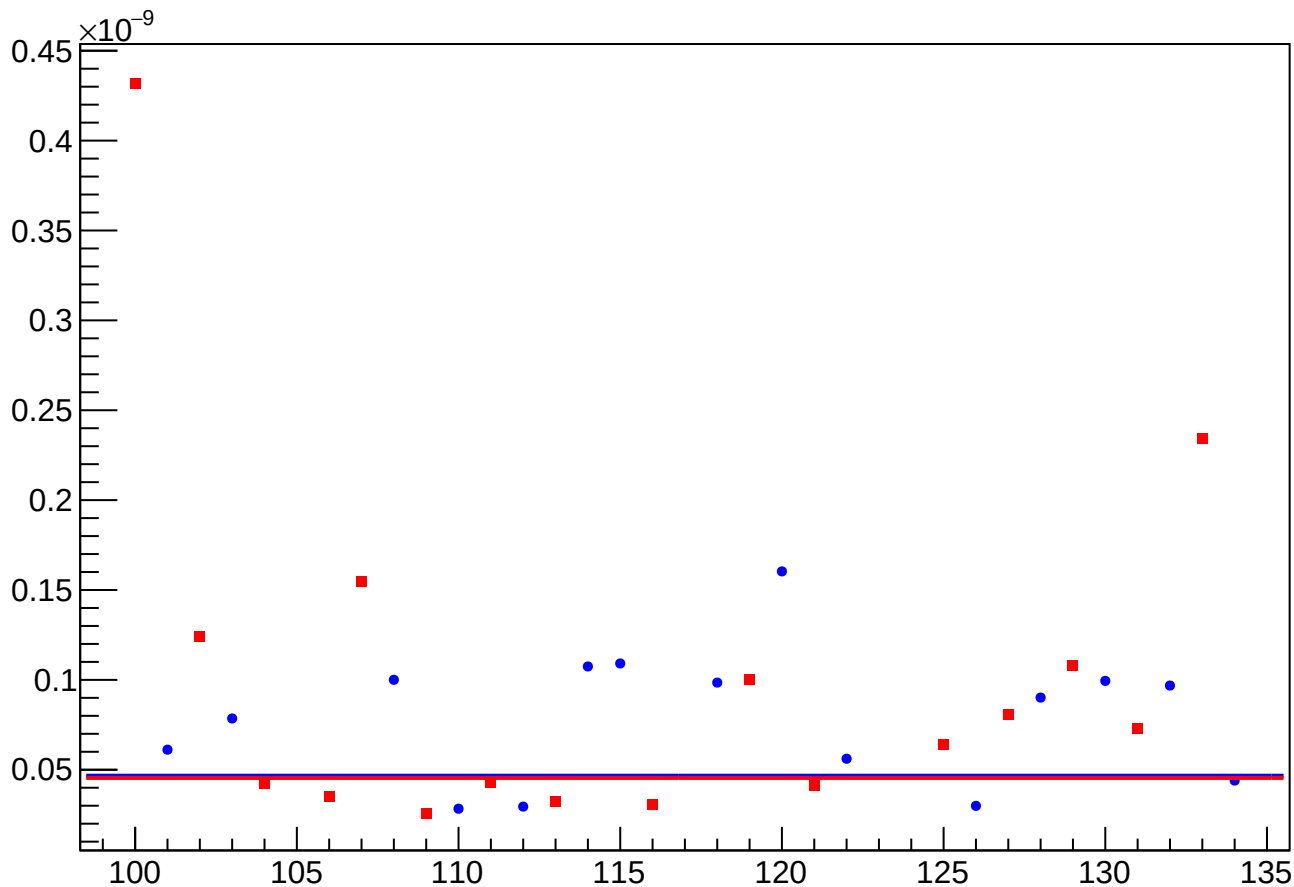
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.9/30

- 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 : 1402863.2/15

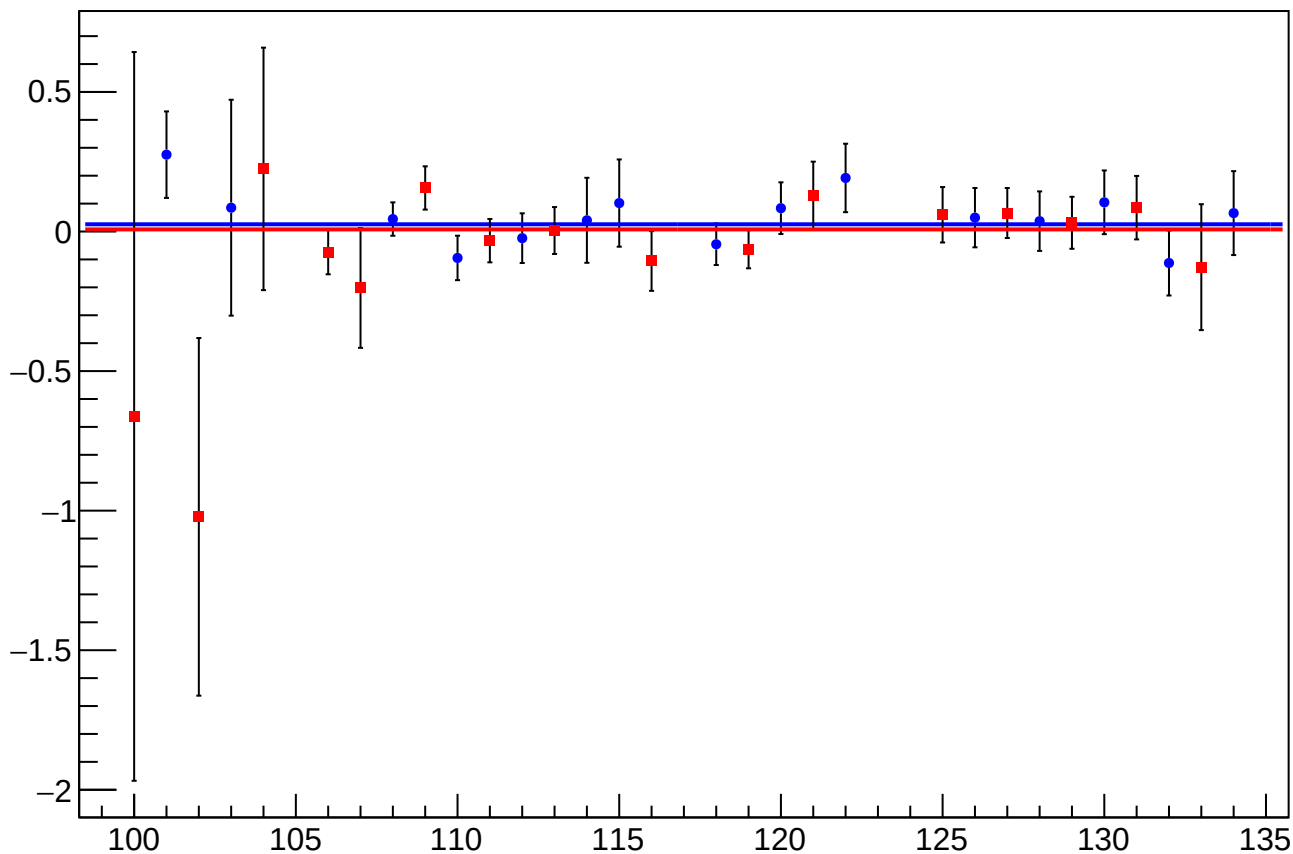
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2545905.5/30

- 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: 0.008 $\pm$ 0.026 χ^2 /NDF: 13.8/15

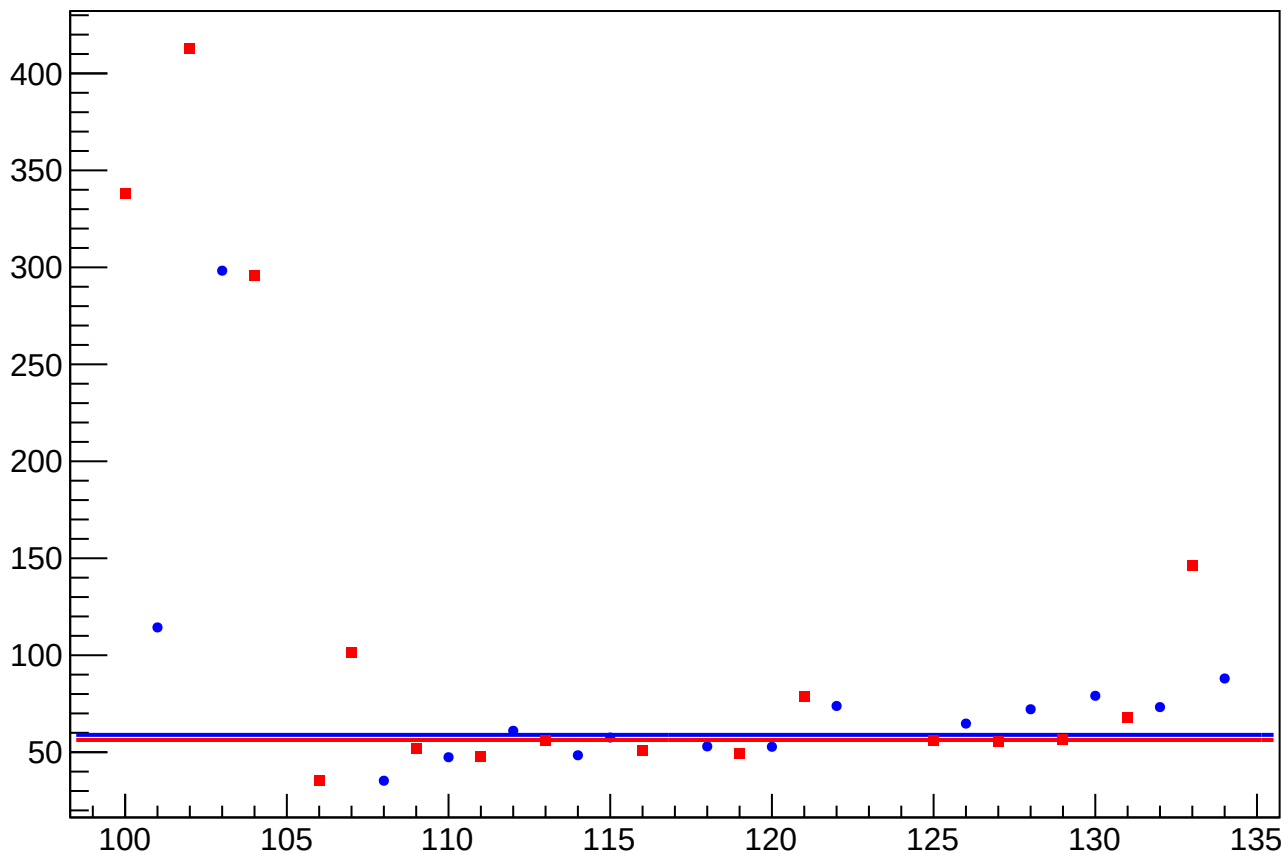
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.019 χ^2 /NDF: 24.8/30

- 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: 56.307+/-0.018 χ^2/NDF : 2013443.0/15

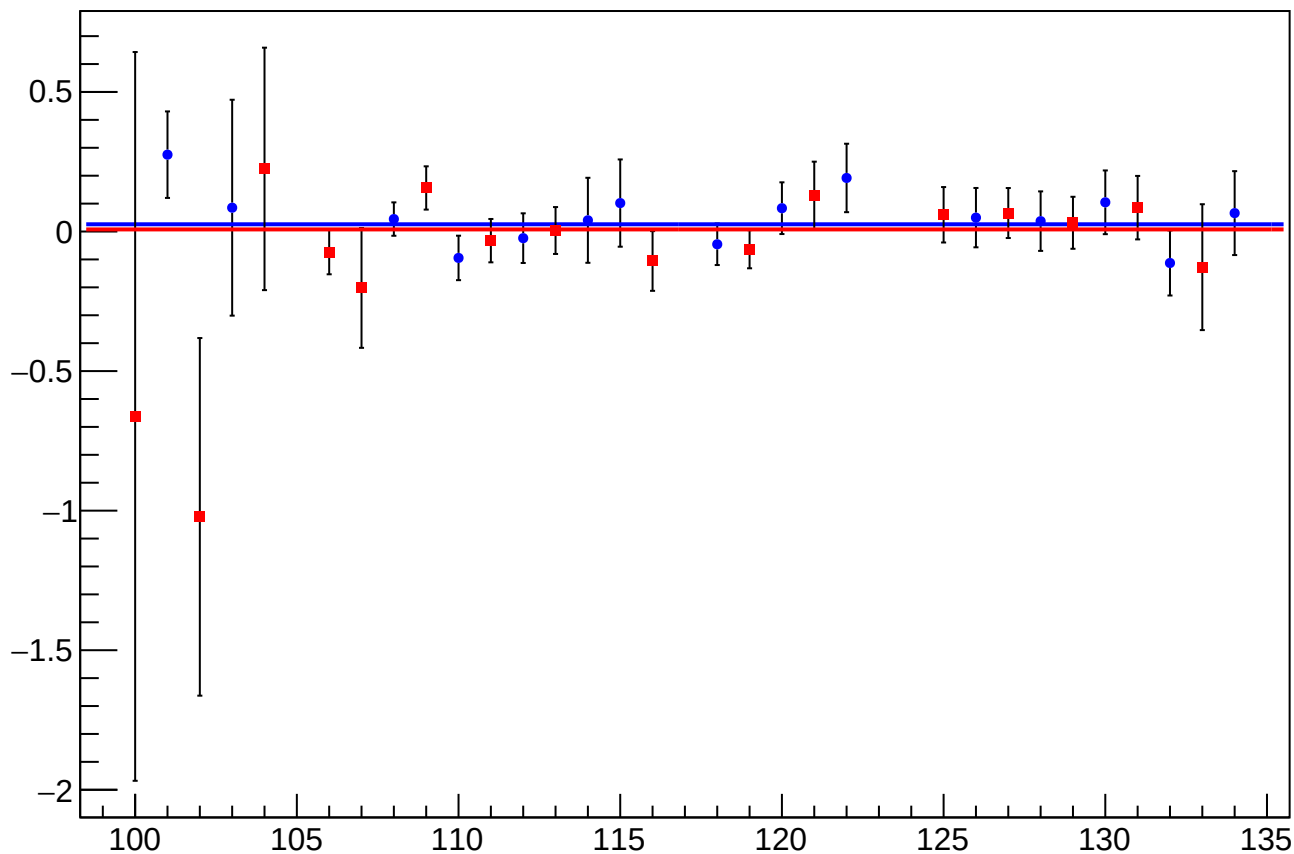
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.608+/-0.013 χ^2/NDF : 3665530.7/30

- 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 $\pm$ 0.026 χ^2 /NDF: 10.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.008 $\pm$ 0.026 χ^2 /NDF: 13.8/15

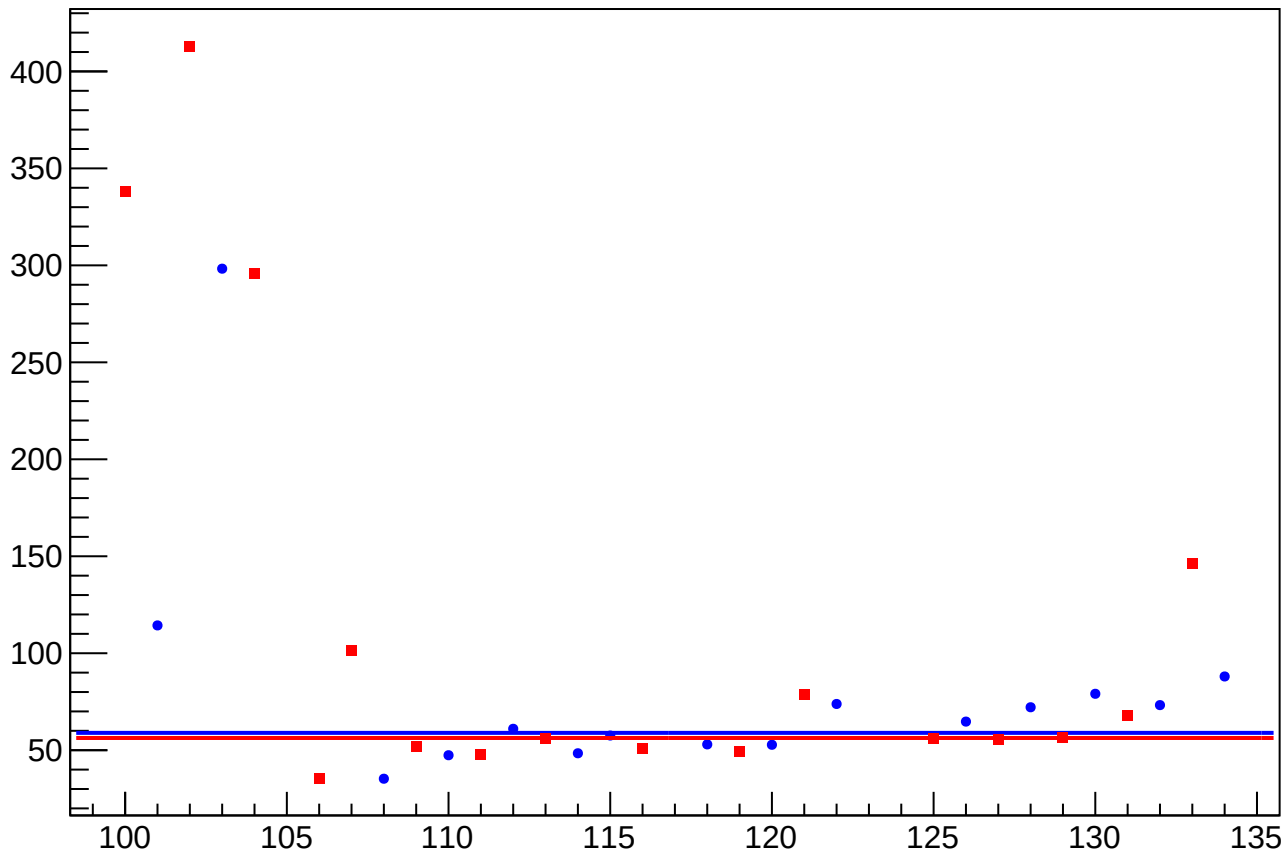
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.019 χ^2 /NDF: 24.8/30

- sign 0.000 $\pm$ 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: 56.307+/-0.018 χ^2/NDF : 2013443.0/15

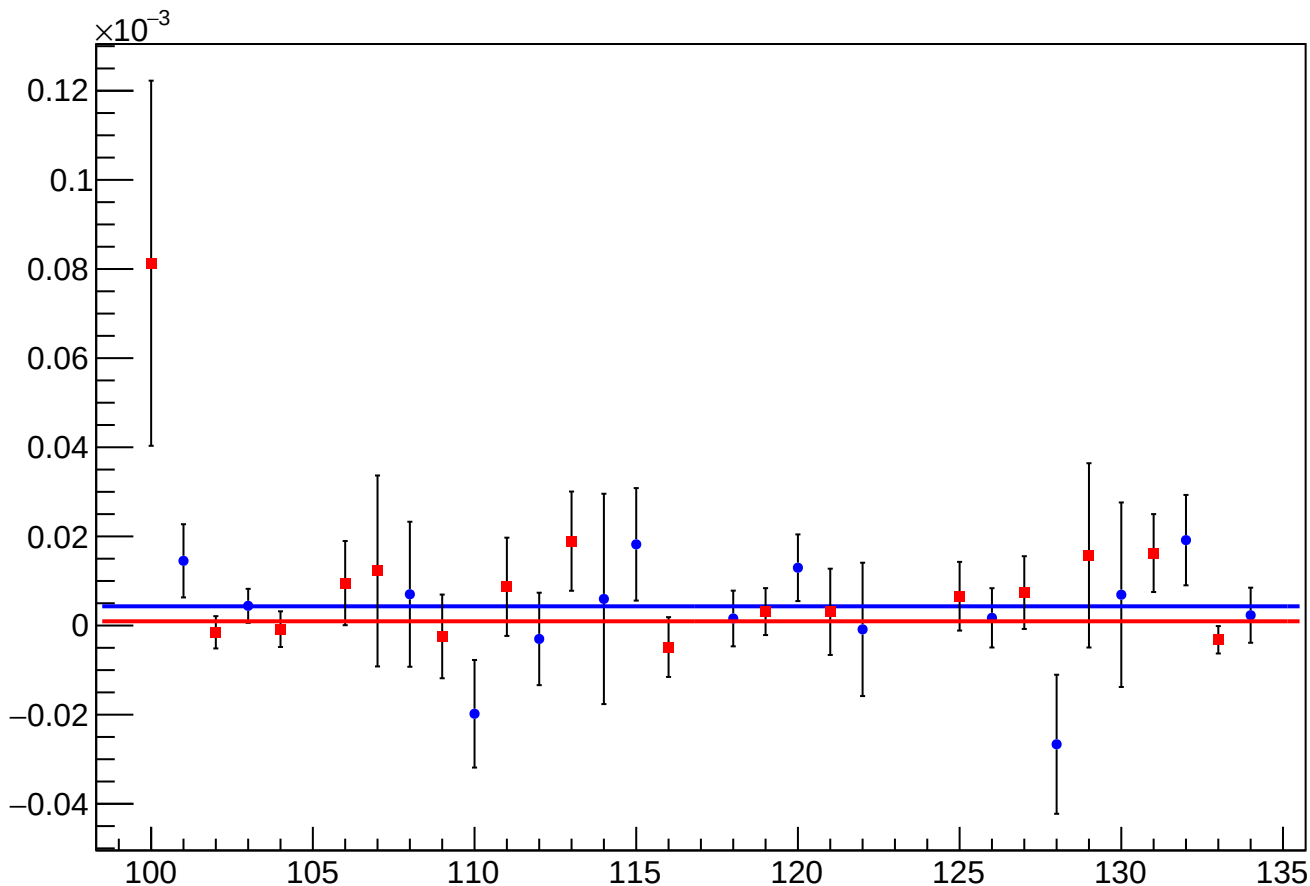
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.608+/-0.013 χ^2/NDF : 3665530.7/30

- 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: 16.4/15

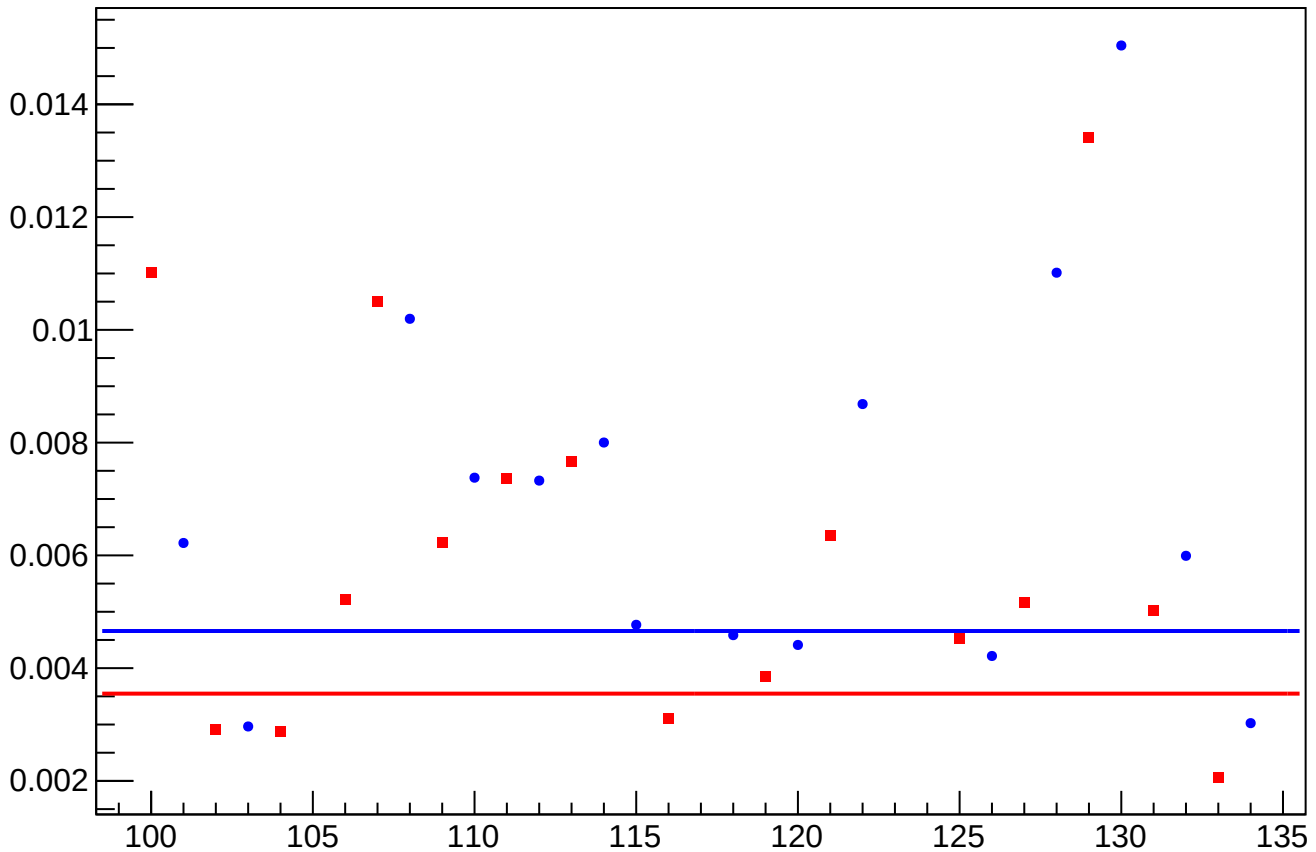
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 33.3/30

- 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 : 2409442.9/15

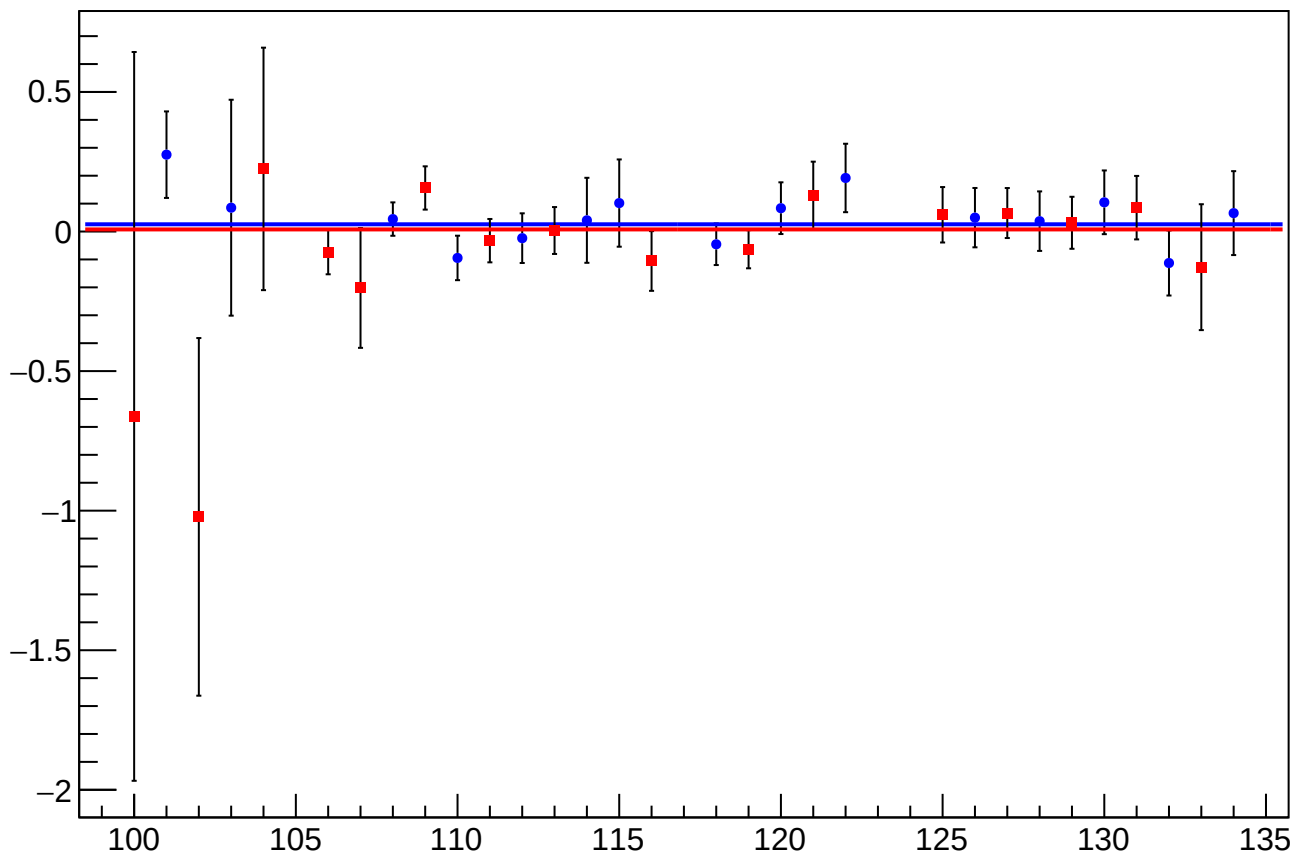
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

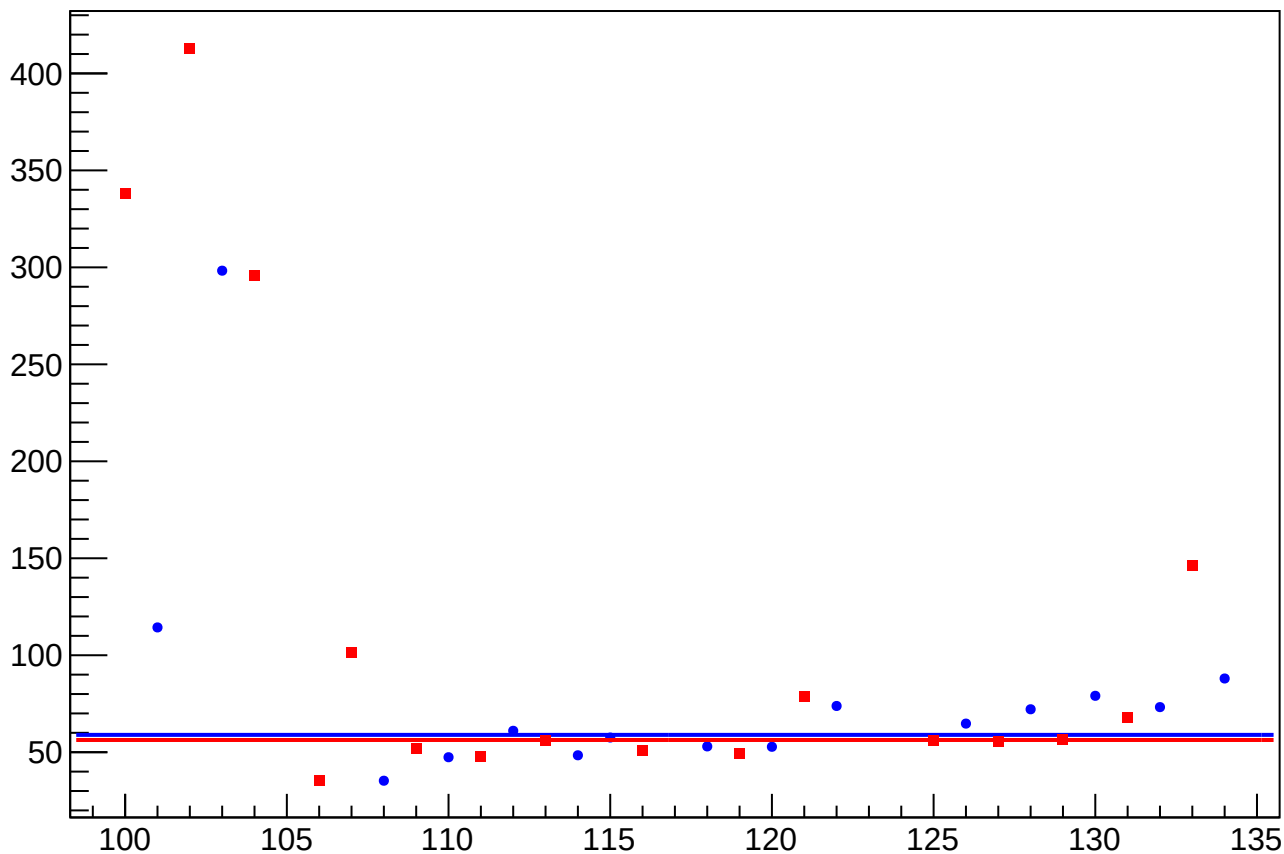
All: 0.004+/-0.000 χ^2/NDF : 4903006.2/30

- 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



asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 58.945 $\pm$ 0.019 χ^2 /NDF: 1641818.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 56.307 $\pm$ 0.018 χ^2 /NDF: 2013421.8/15

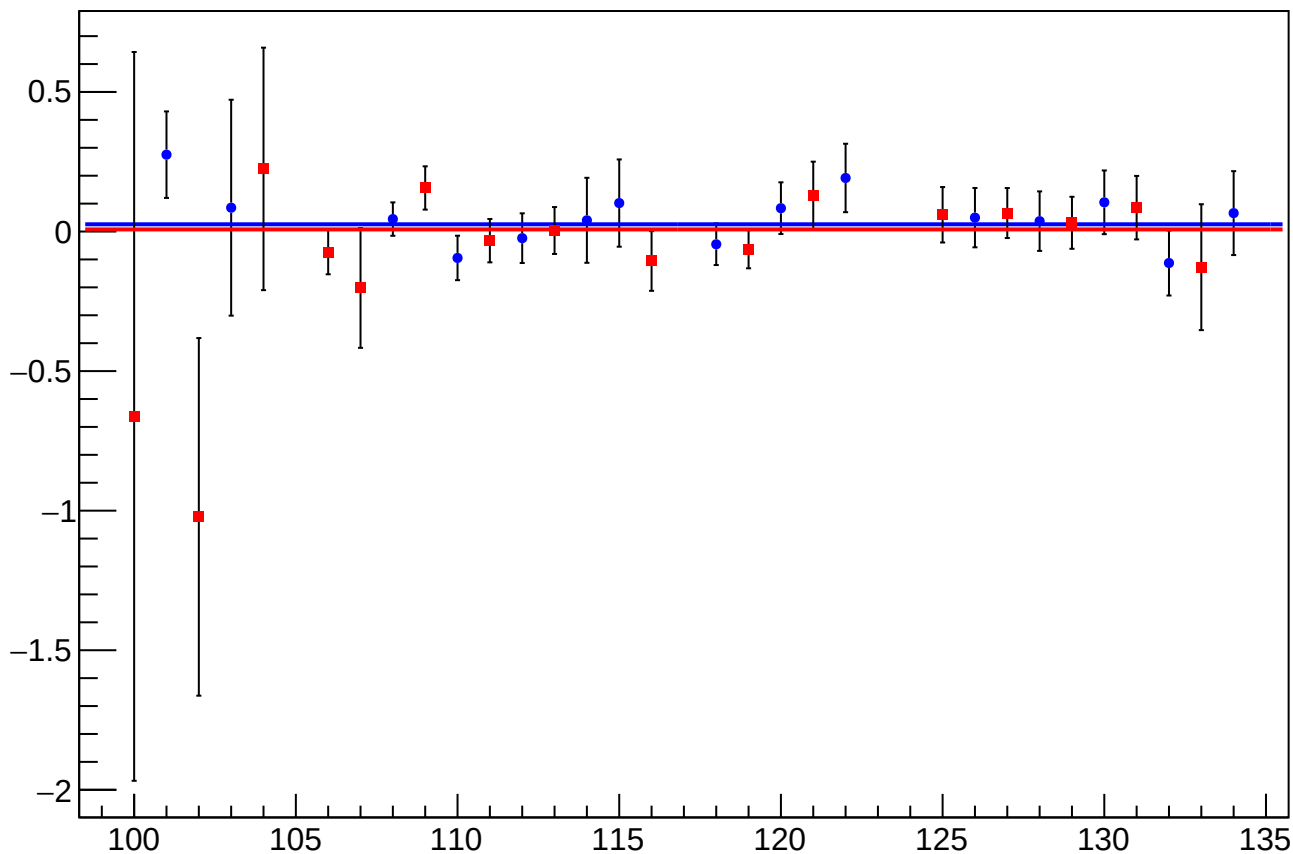
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 57.608 $\pm$ 0.013 χ^2 /NDF: 3665335.8/30

- sign 0.000 $\pm$ 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: 0.008 $\pm$ 0.026 χ^2 /NDF: 13.8/15

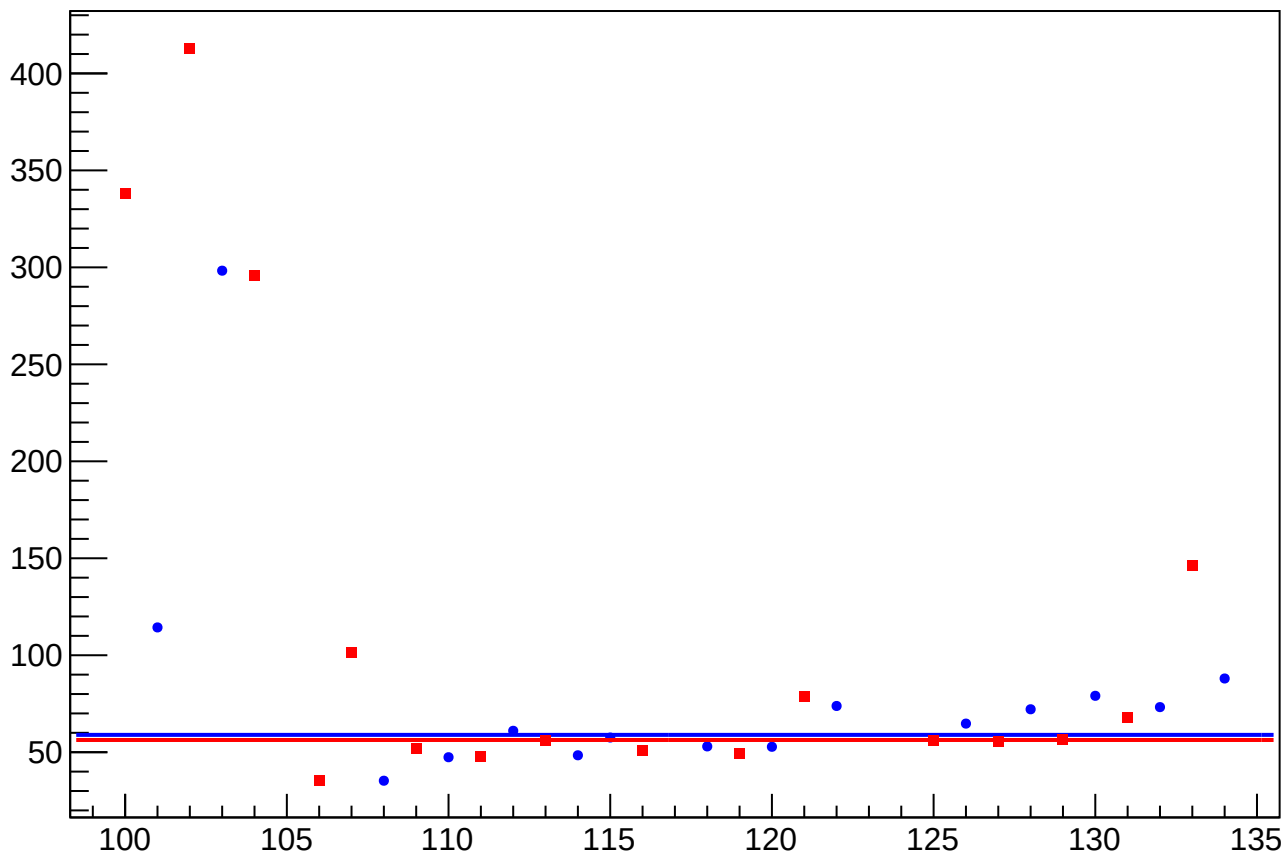
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.019 χ^2 /NDF: 24.8/30

- 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: 56.307+/-0.018 χ^2/NDF : 2013421.8/15

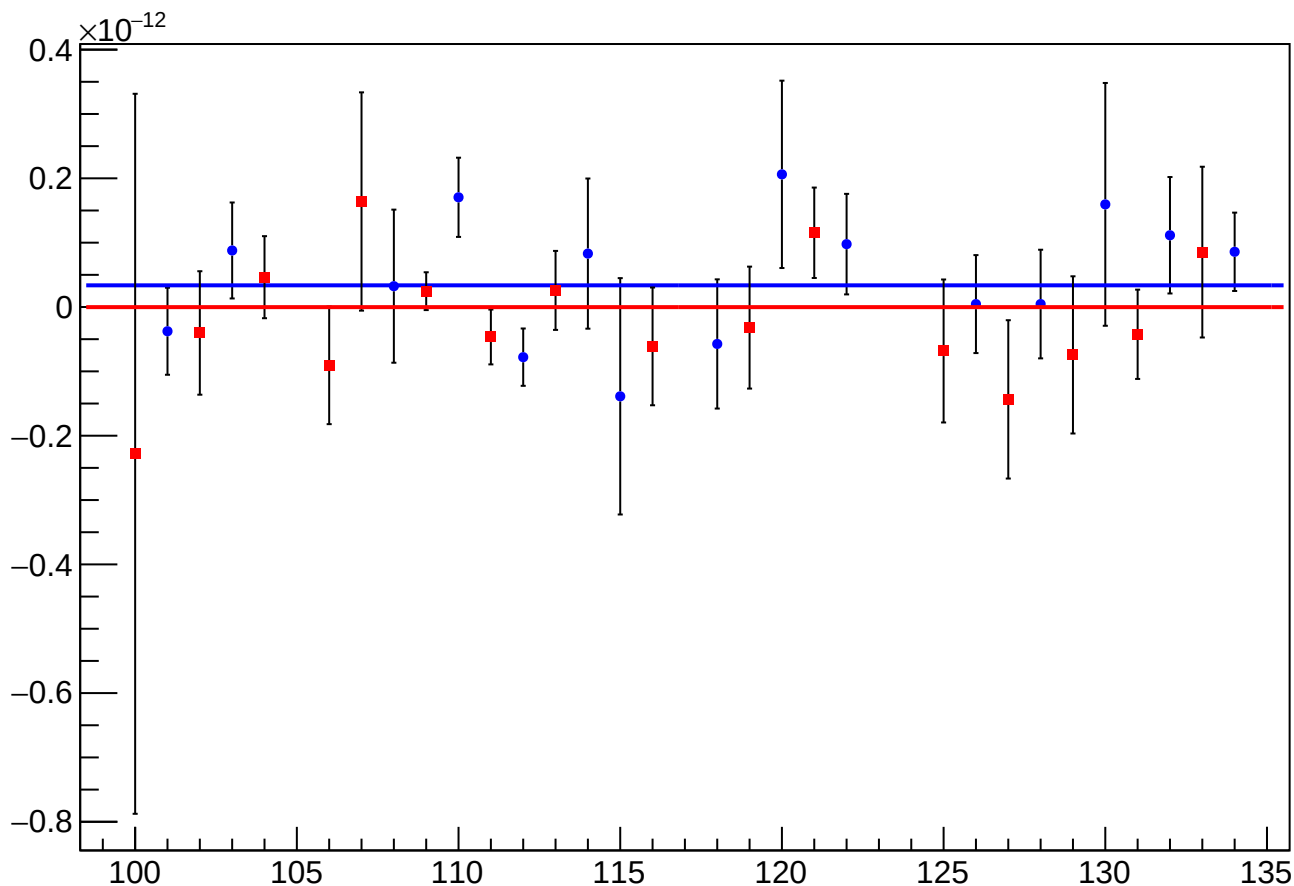
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.608+/-0.013 χ^2/NDF : 3665335.8/30

- 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: 11.0/15

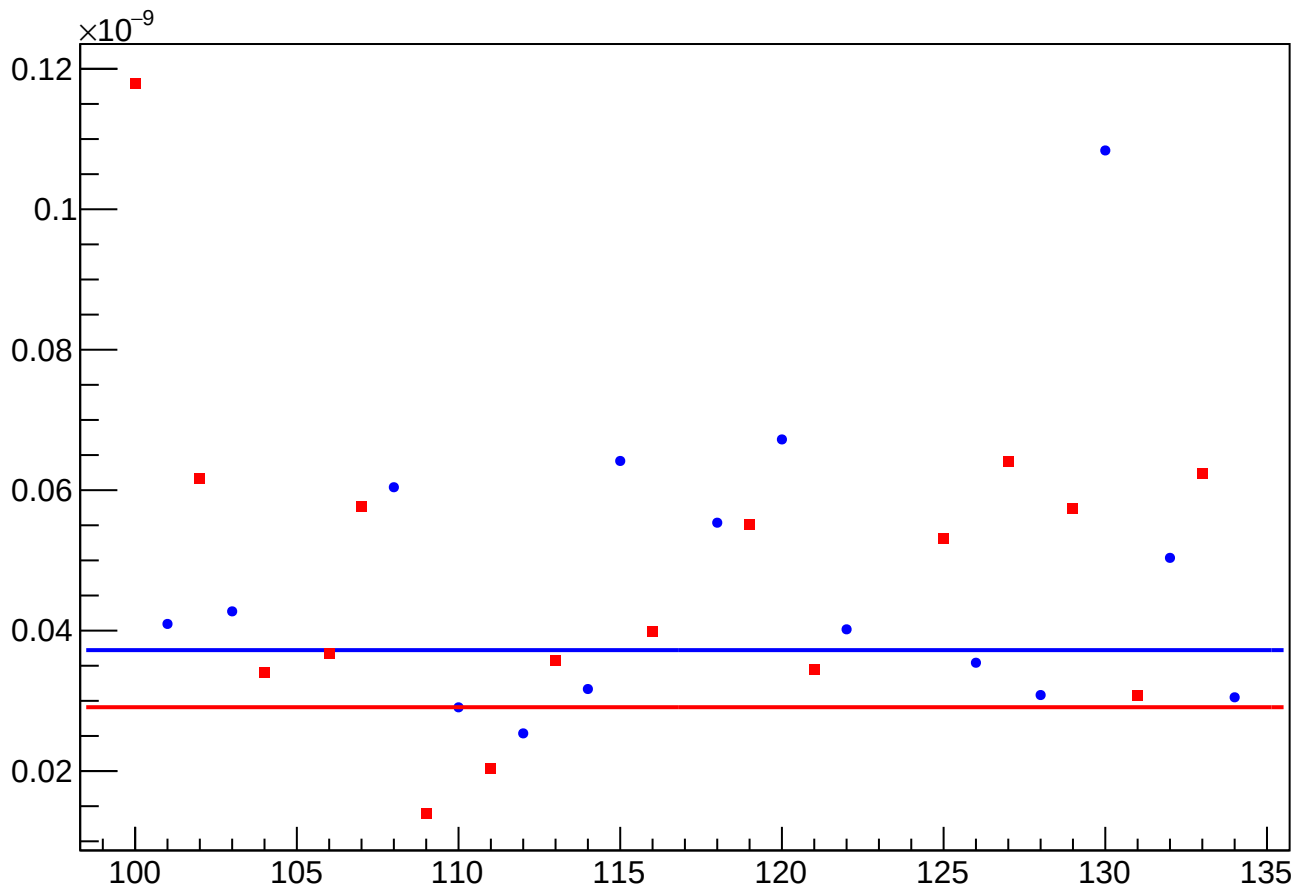
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 31.6/30

- 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 : 1680610.8/15

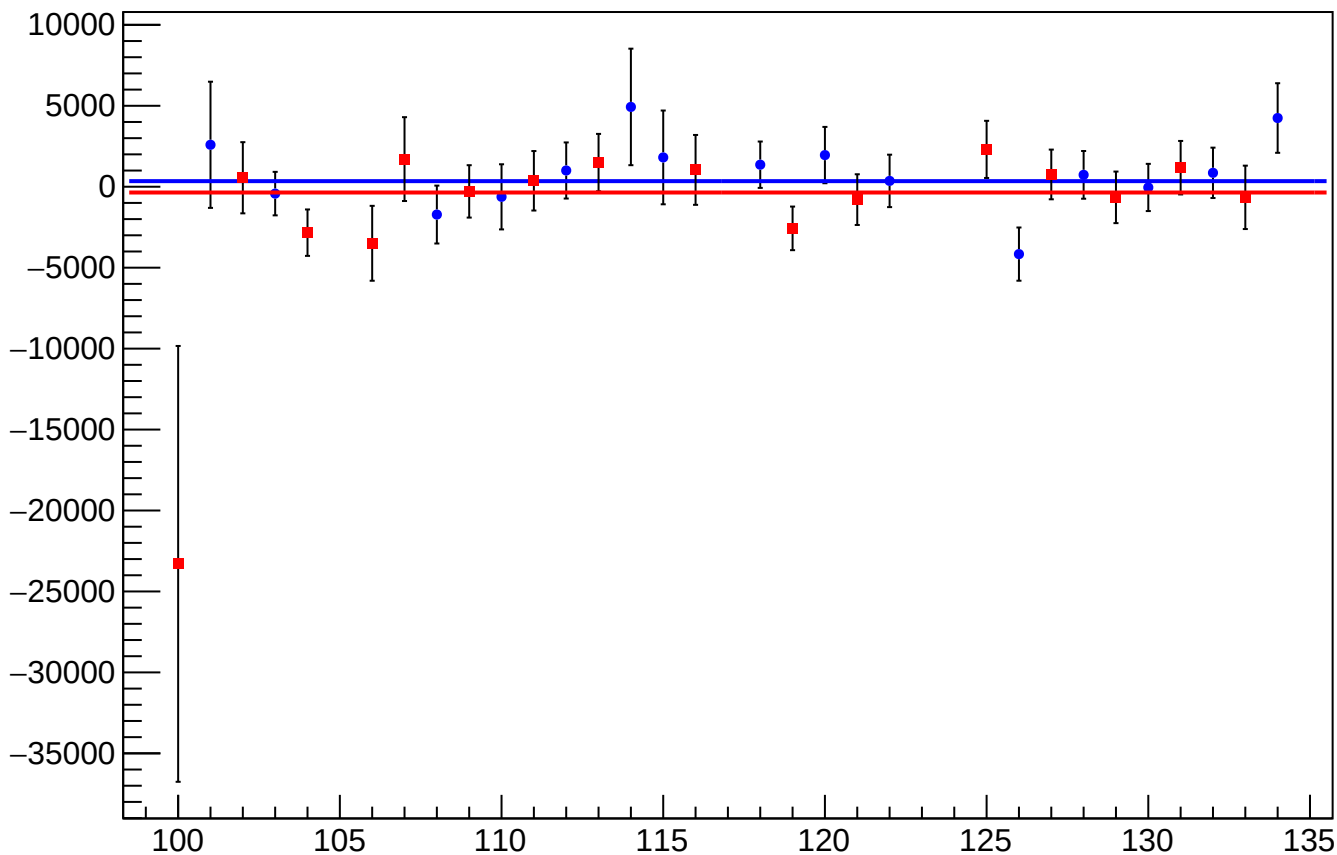
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2699672.7/30

- 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 $\pm$ 454.574 χ^2 /NDF: 16.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -356.947 $\pm$ 448.501 χ^2 /NDF: 16.7/15

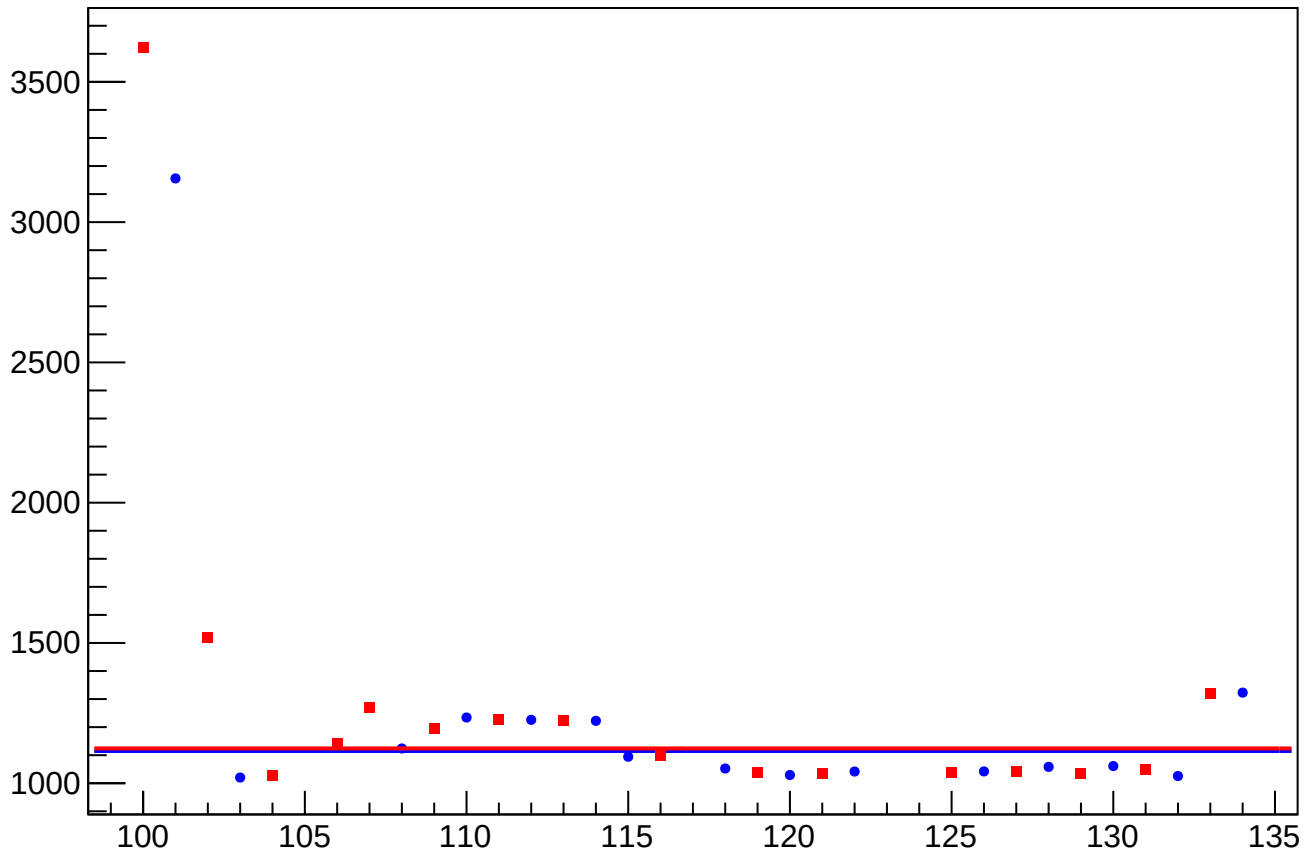
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.530 $\pm$ 319.264 χ^2 /NDF: 34.6/30

- sign 0.000 $\pm$ 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: 1123.970+/-0.317 χ^2/NDF : 221493.9/15

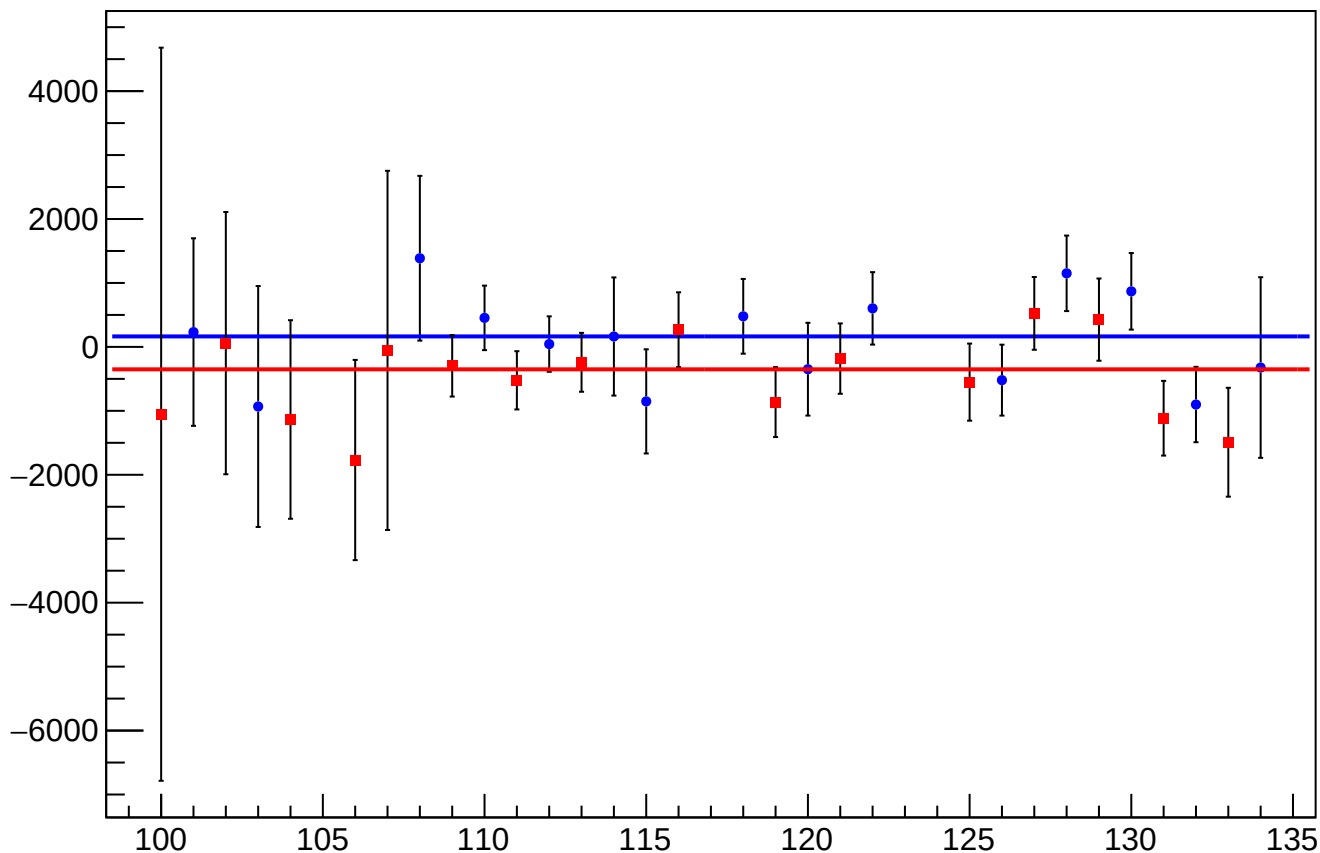
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1119.553+/-0.226 χ^2/NDF : 845190.3/30

- 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: -350.775 $\pm$ 163.906 χ^2 /NDF: 10.9/15

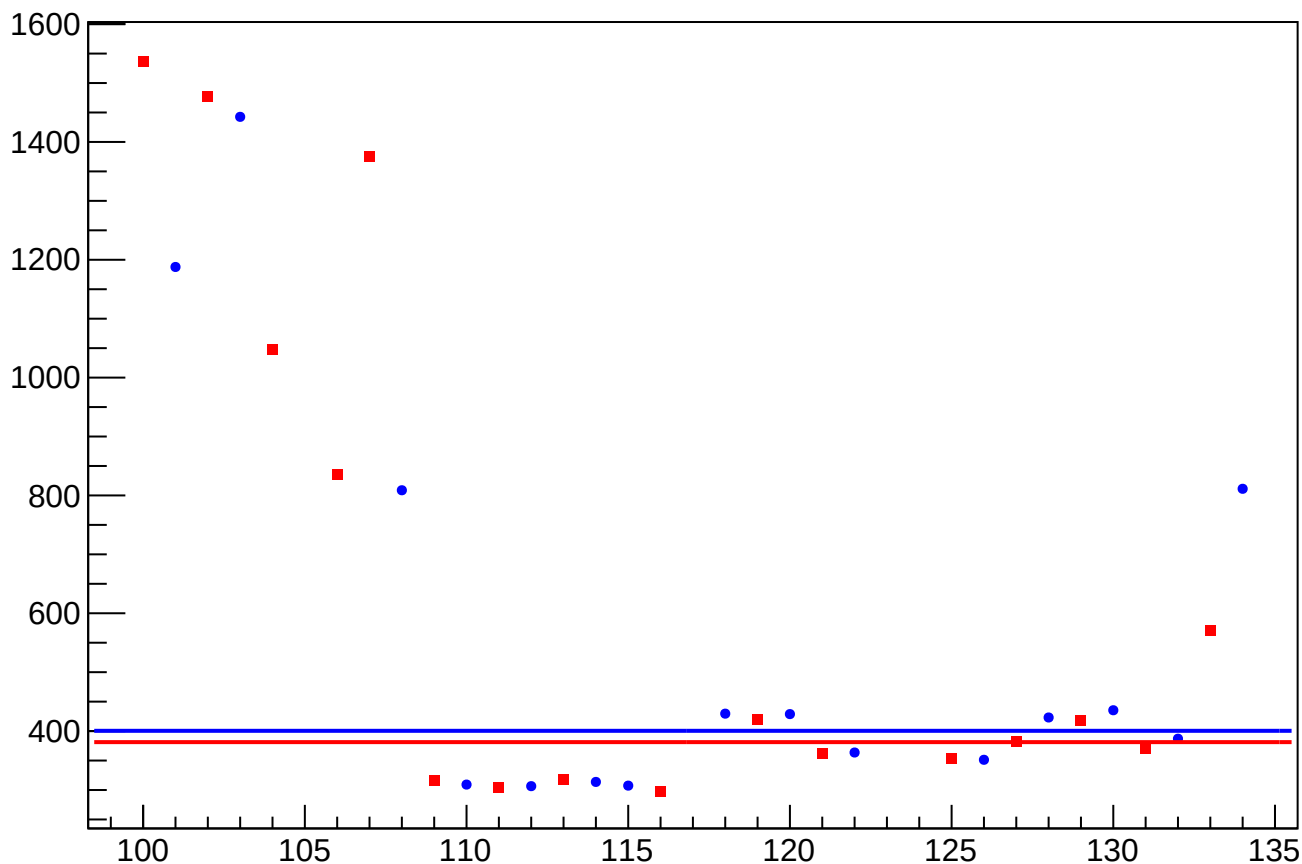
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -106.898 $\pm$ 118.902 χ^2 /NDF: 29.2/30

- 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: 381.266+/-0.116 χ^2/NDF : 1737843.2/15

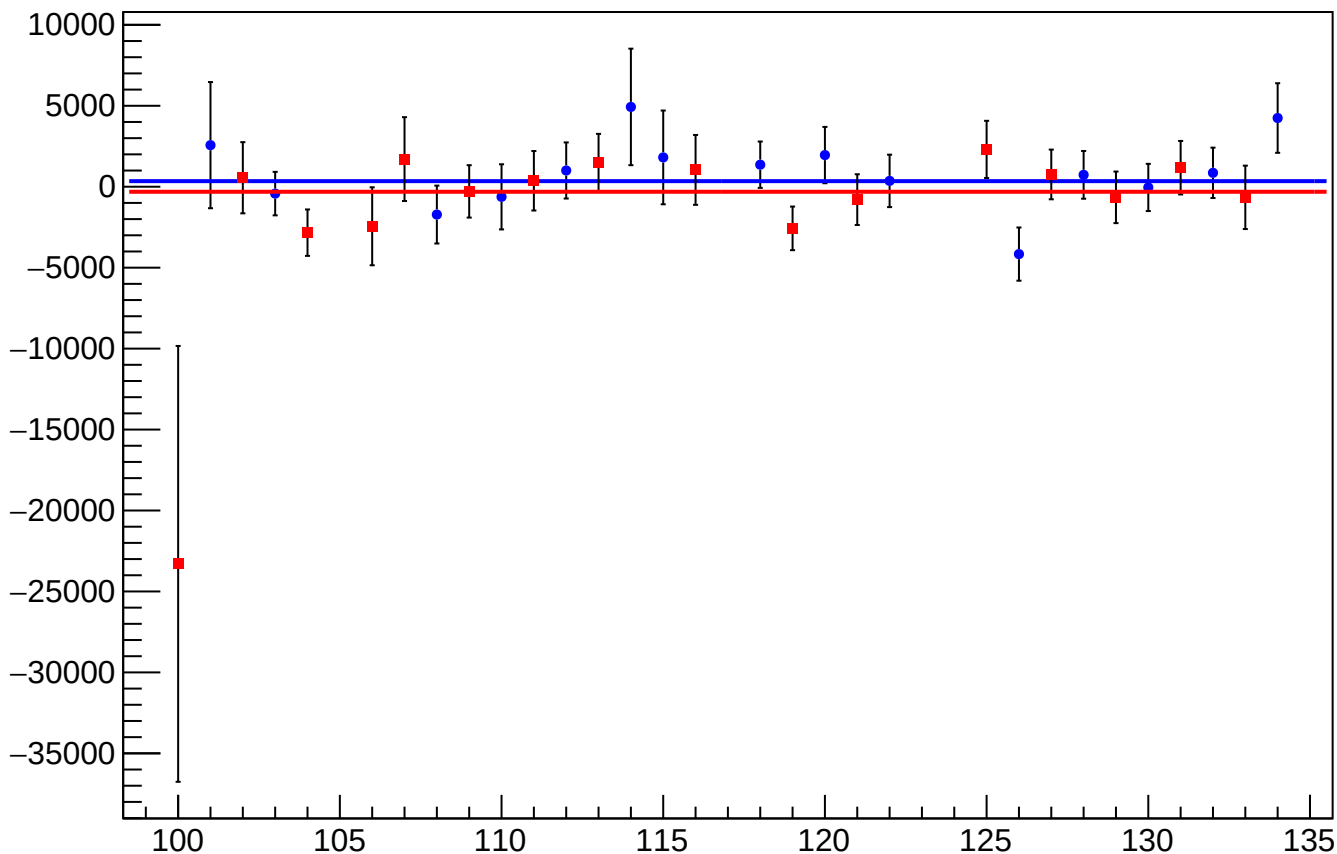
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 390.363+/-0.084 χ^2/NDF : 3555412.8/30

- 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+/-454.574 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -311.295+/-449.153 χ^2/NDF : 15.6/15

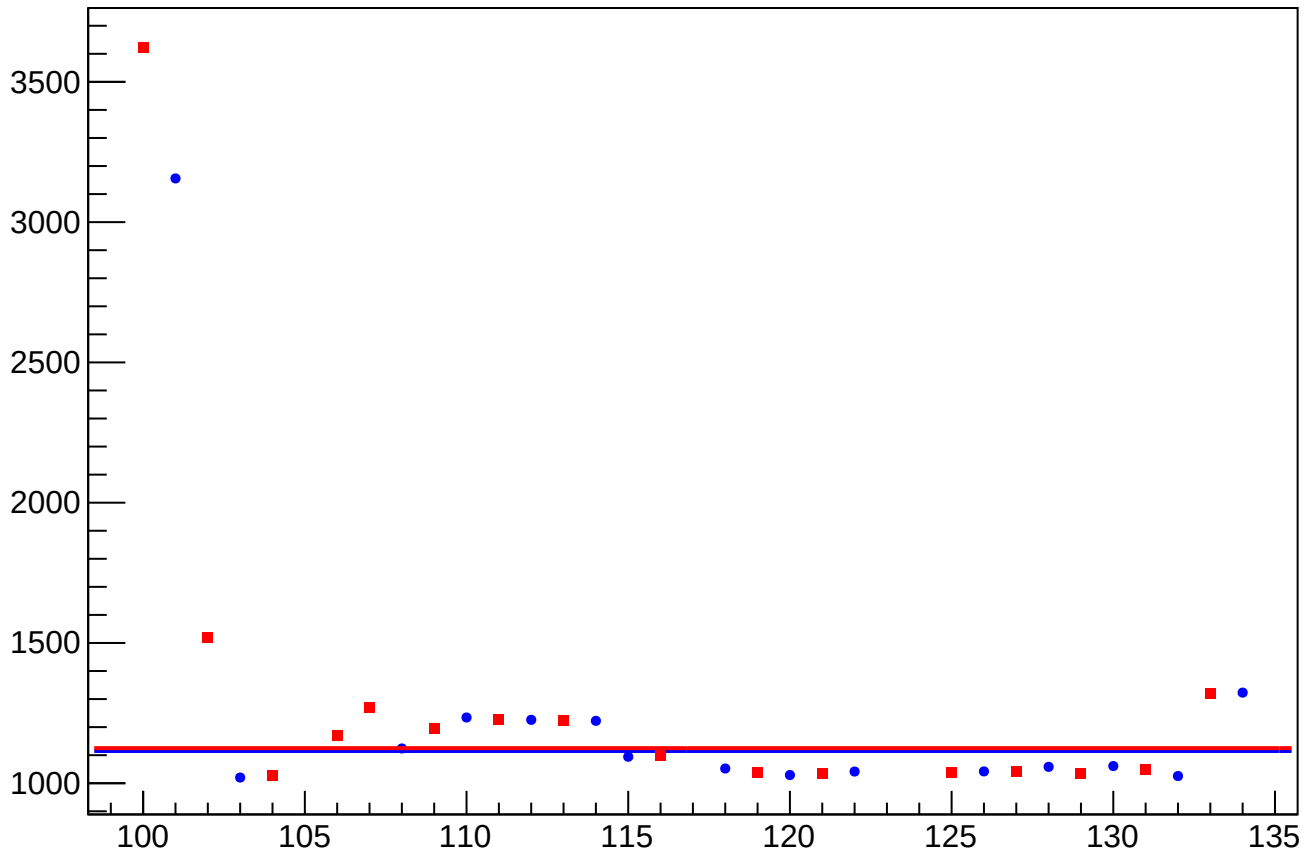
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.855+/-319.498 χ^2/NDF : 33.3/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1115.015 $\pm$ 0.321 χ^2 /NDF: 623304.1/14

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

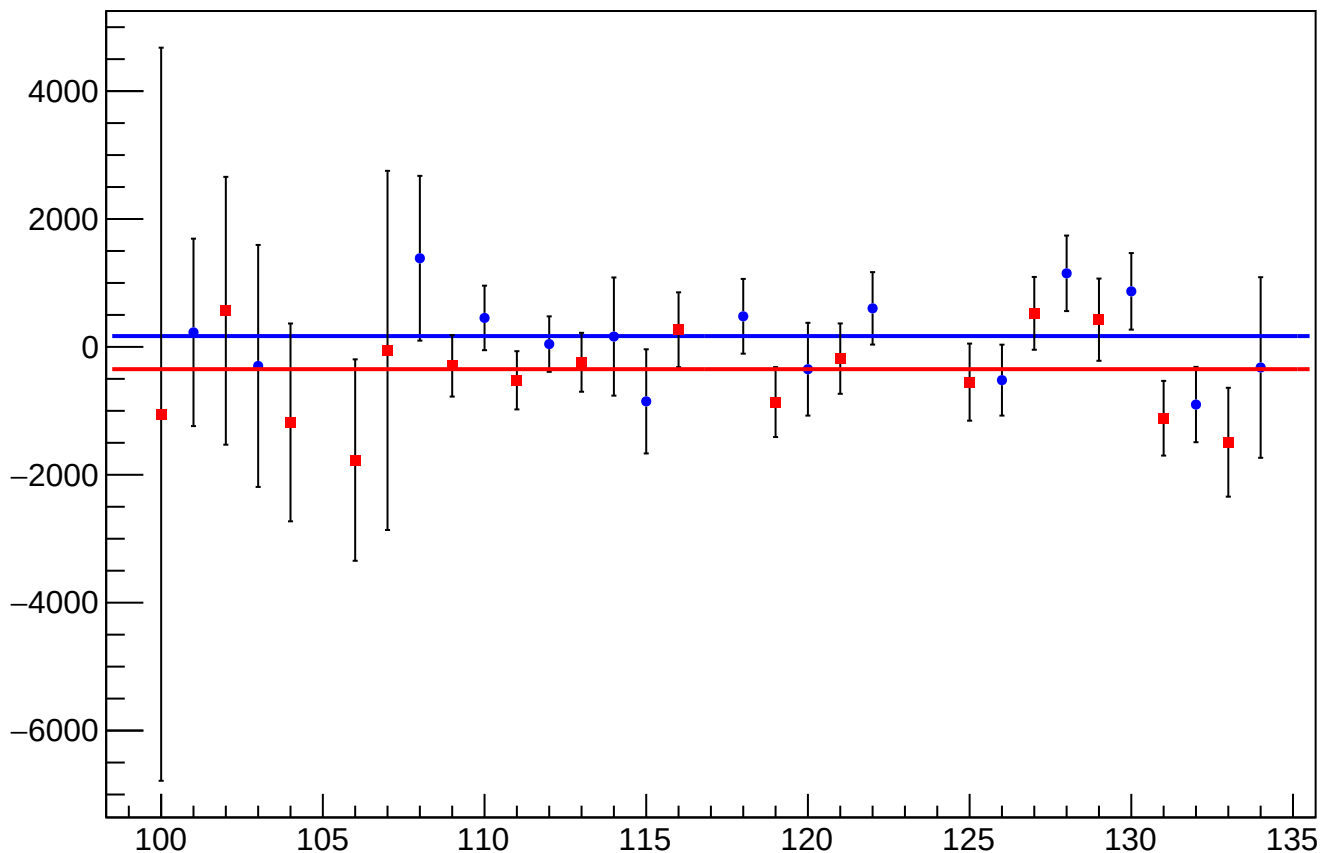
Right Out: 1125.013 $\pm$ 0.318 χ^2 /NDF: 222169.5/15

All: 1120.074 $\pm$ 0.226 χ^2 /NDF: 845963.2/30

- 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_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: -348.260 $\pm$ 163.933 χ^2 /NDF: 11.1/15

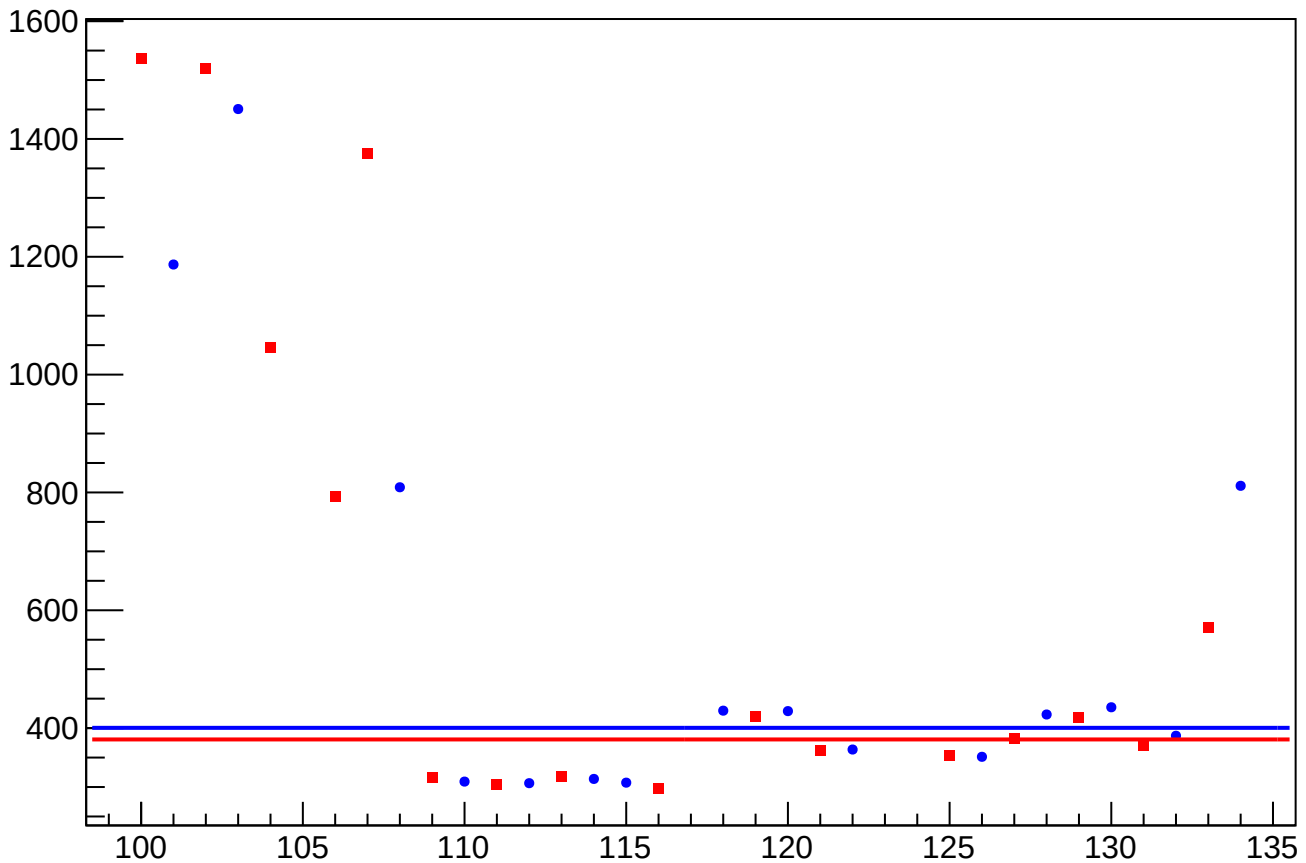
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -103.115 $\pm$ 118.913 χ^2 /NDF: 29.2/30

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

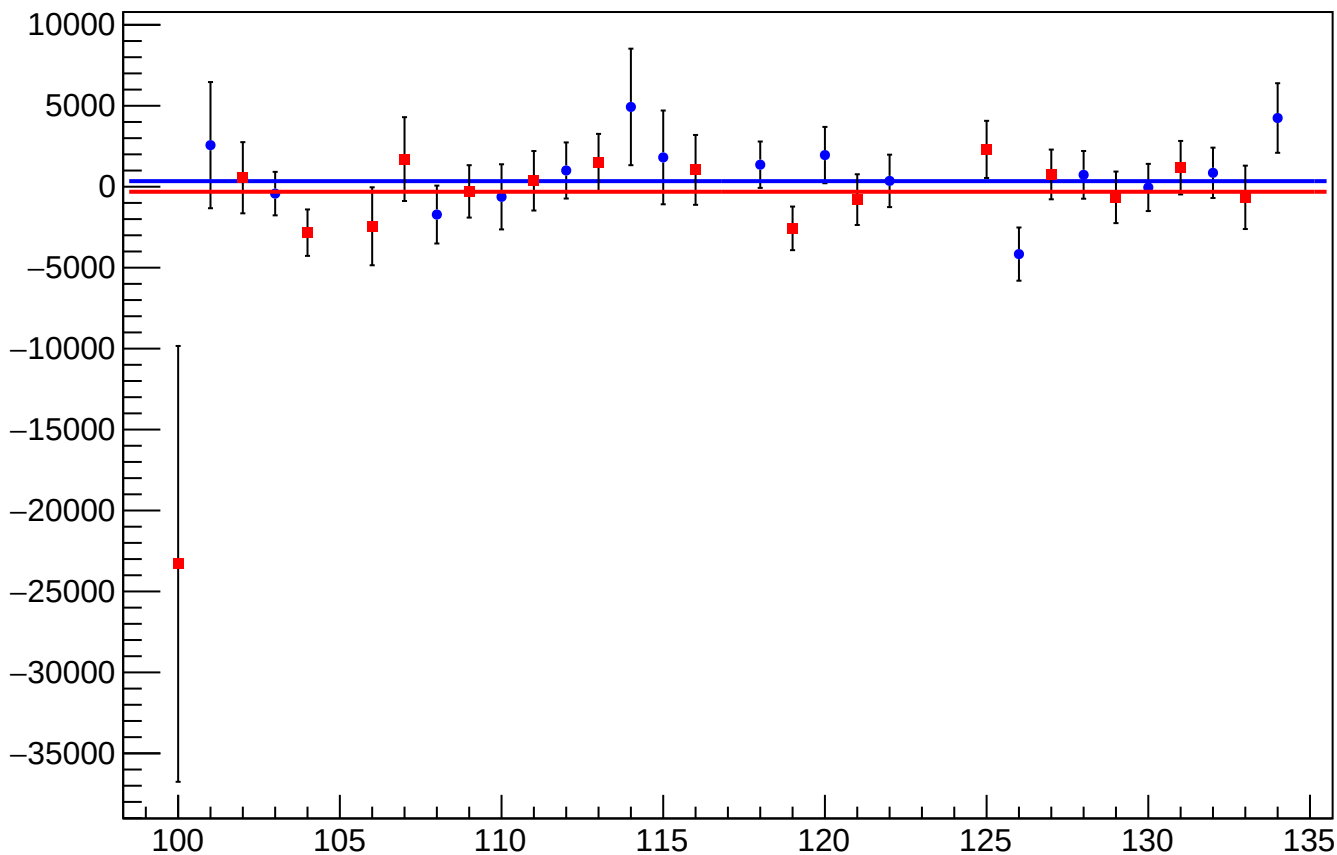
Right Out: 380.754+/-0.116 χ^2/NDF : 1725522.1/15

All: 390.088+/-0.084 χ^2/NDF : 3547446.2/30

- 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_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: -311.295 $\pm$ 449.153 χ^2 /NDF: 15.6/15

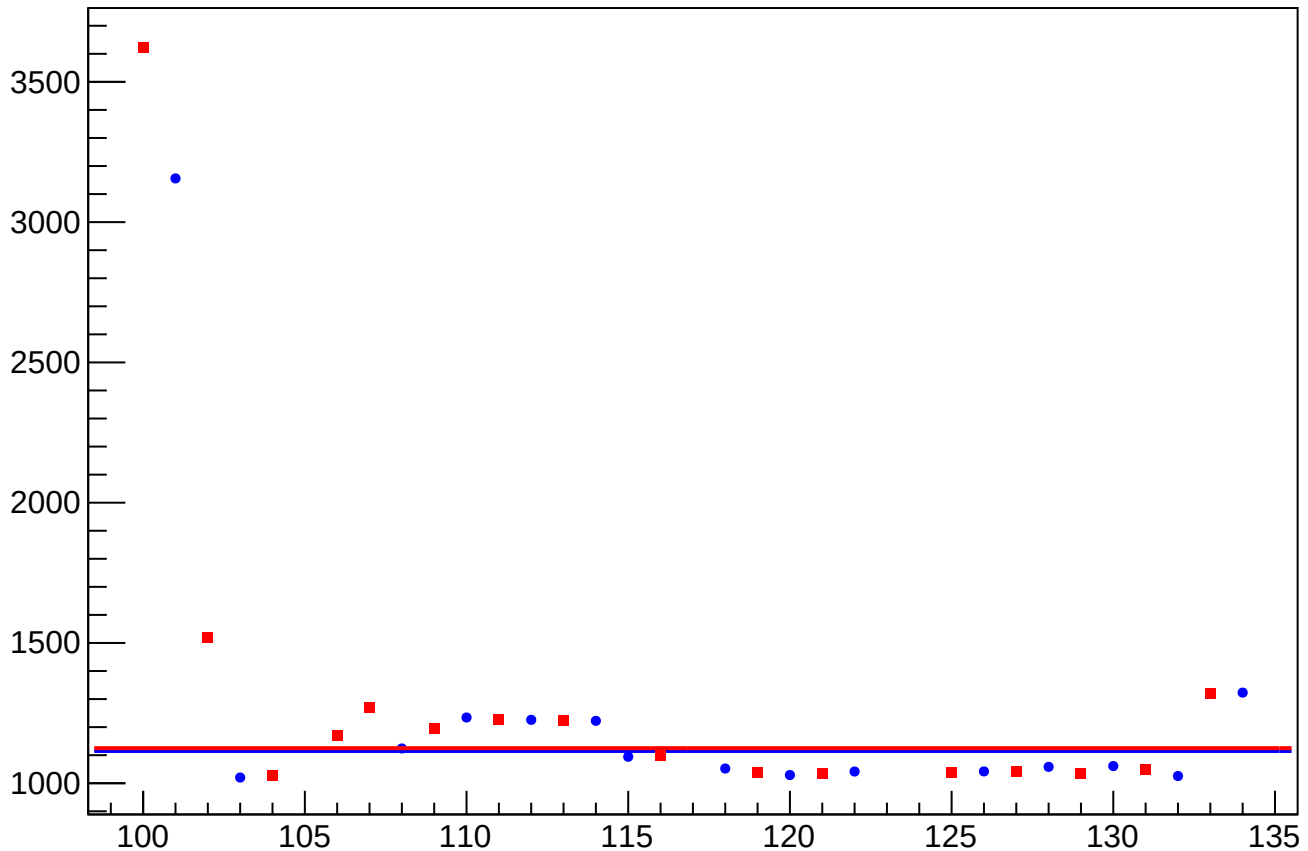
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.855 $\pm$ 319.498 χ^2 /NDF: 33.3/30

- 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 $\pm$ 0.321 χ^2 /NDF: 623304.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1125.013 $\pm$ 0.318 χ^2 /NDF: 222169.5/15

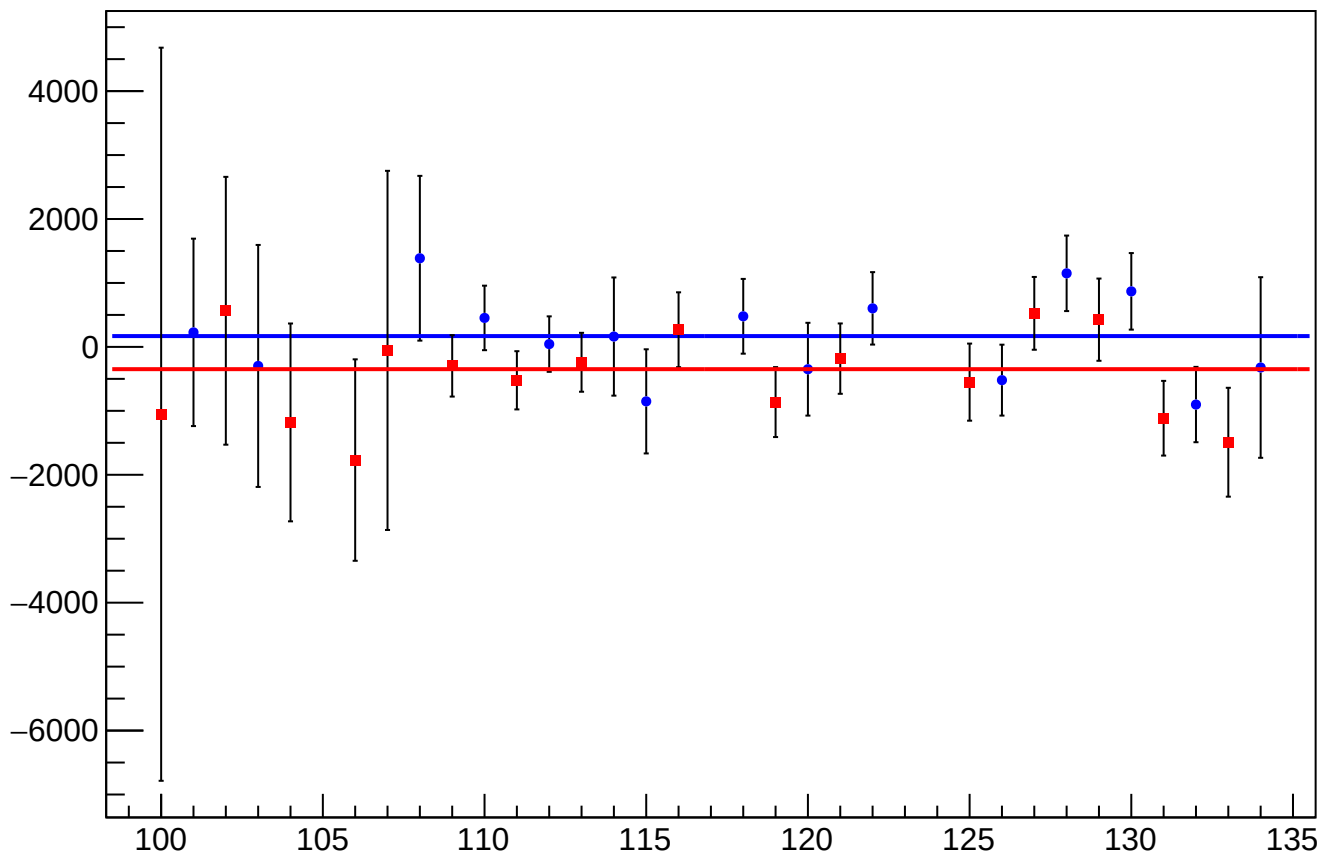
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1120.074 $\pm$ 0.226 χ^2 /NDF: 845963.2/30

- sign 0.000 $\pm$ 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: -348.260 $\pm$ 163.933 χ^2 /NDF: 11.1/15

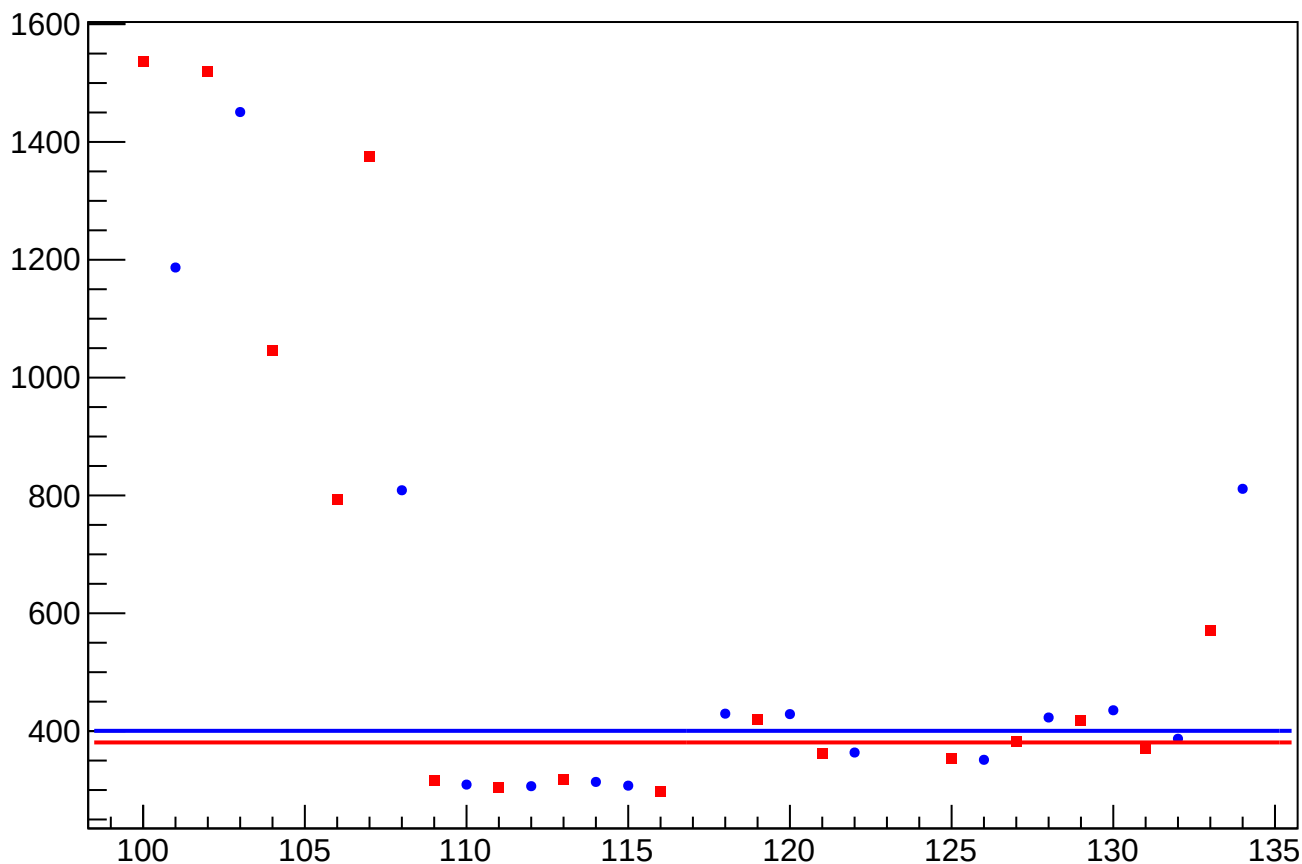
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -103.115 $\pm$ 118.913 χ^2 /NDF: 29.2/30

- 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: 380.754+/-0.116 χ^2/NDF : 1725522.1/15

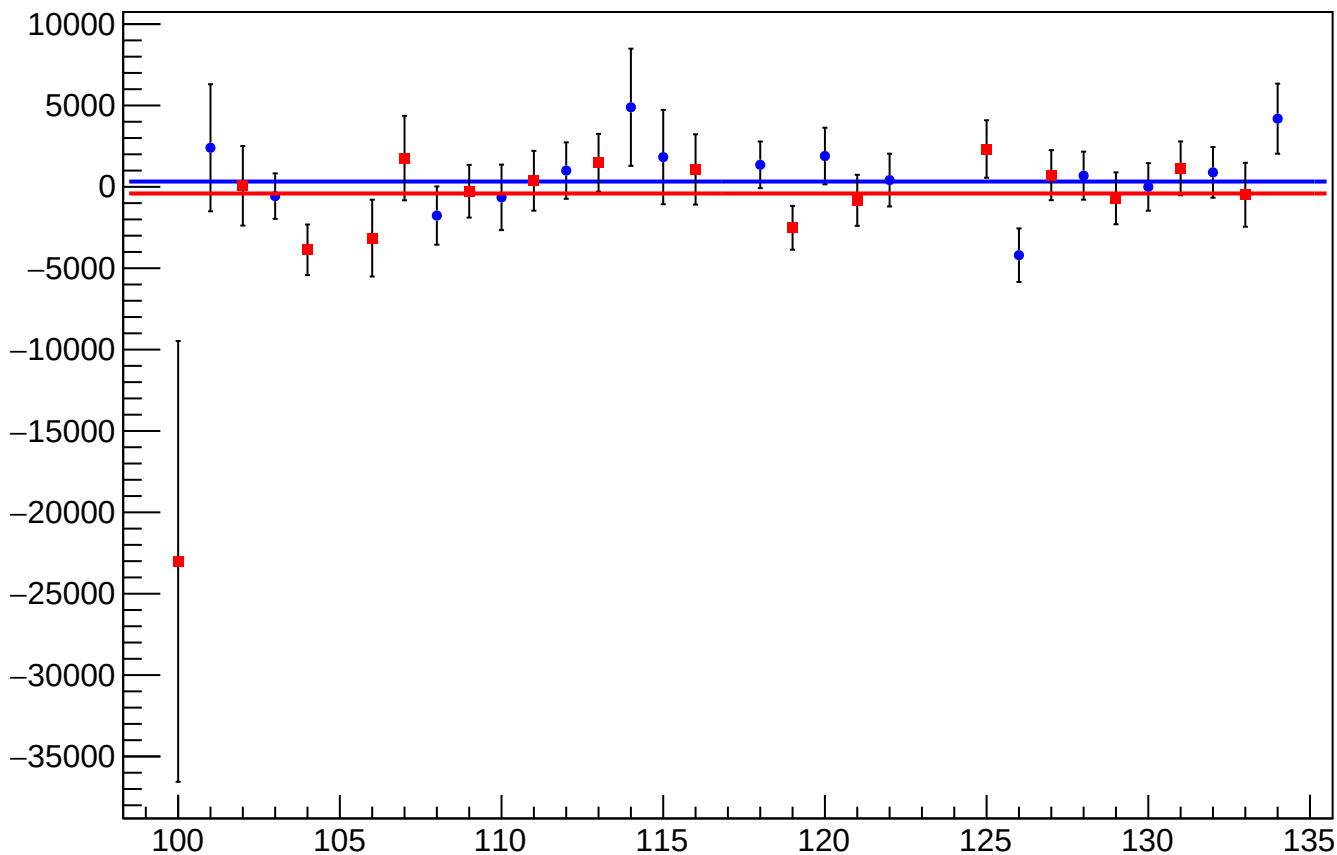
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 390.088+/-0.084 χ^2/NDF : 3547446.2/30

- 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: -406.888+/-454.300 χ^2/NDF : 18.0/15

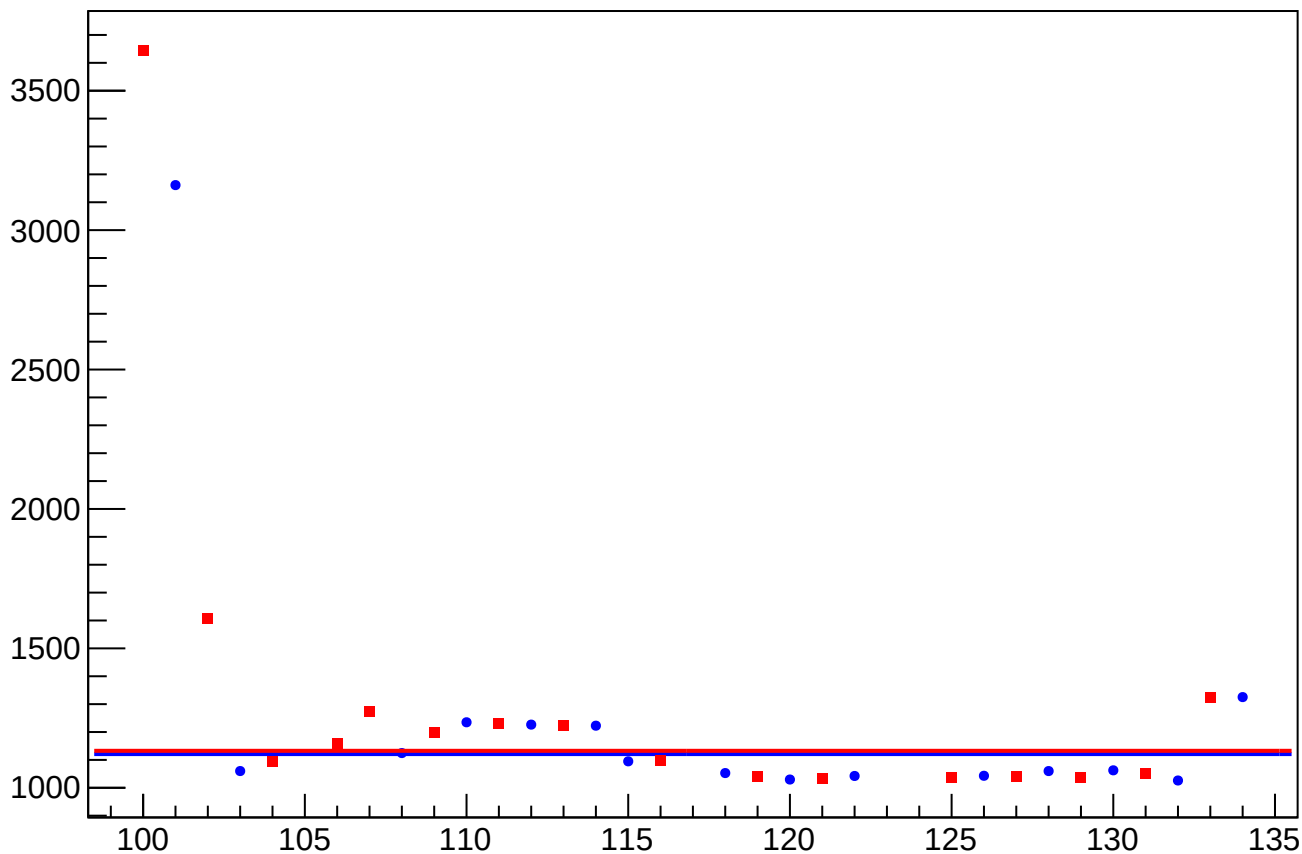
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.552+/-322.153 χ^2/NDF : 36.0/30

- 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 $\pm$ 0.323 χ^2 /NDF: 617013.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1132.632 $\pm$ 0.321 χ^2 /NDF: 227110.2/15

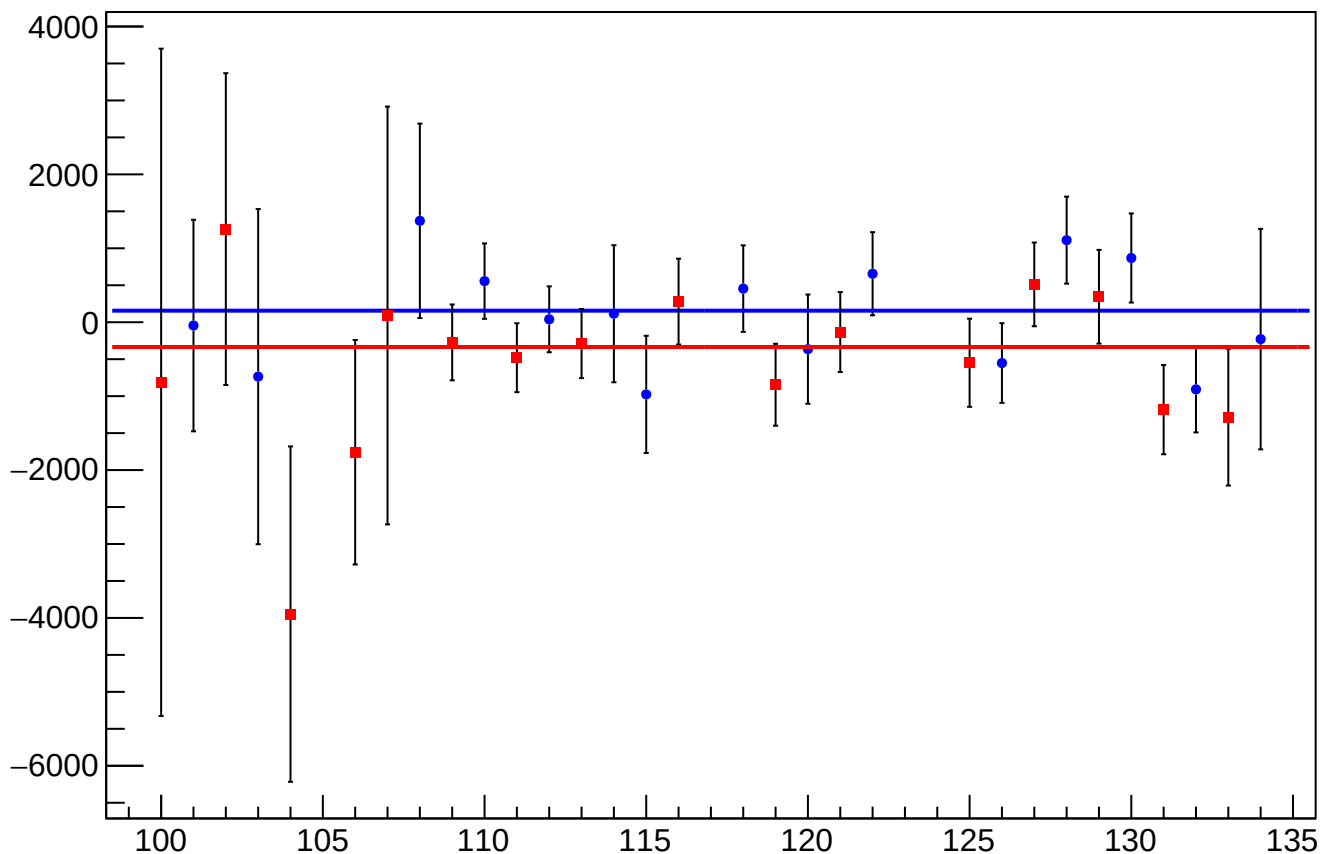
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1126.773 $\pm$ 0.228 χ^2 /NDF: 844792.9/30

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_dit_correction_mean vs Slug



Right In: 156.246+/-173.319 χ^2/NDF : 14.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -335.221+/-166.738 χ^2/NDF : 12.8/15

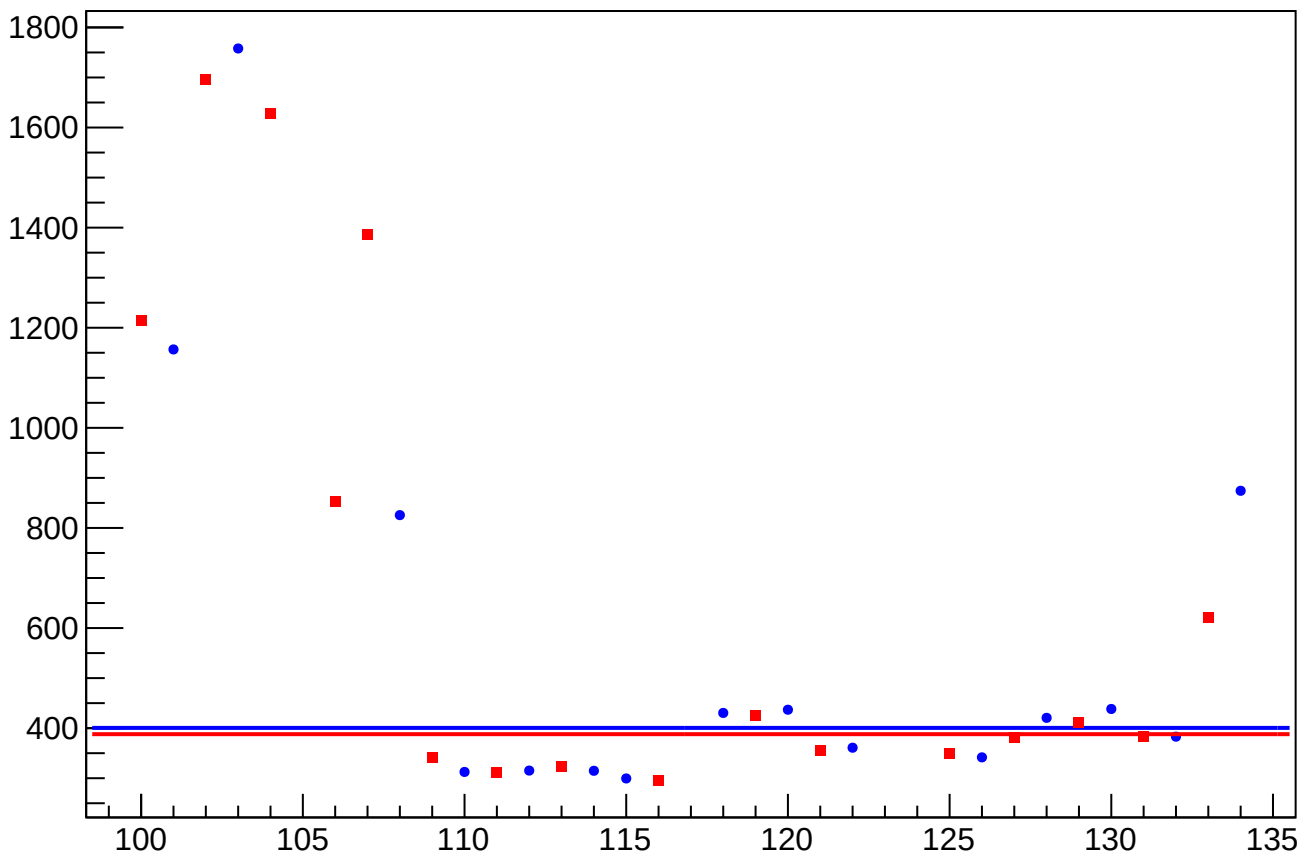
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -98.996+/-120.161 χ^2/NDF : 31.4/30

- sign 0.000+/-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

Right Out: 387.988+/-0.118 χ^2/NDF : 2183536.9/15

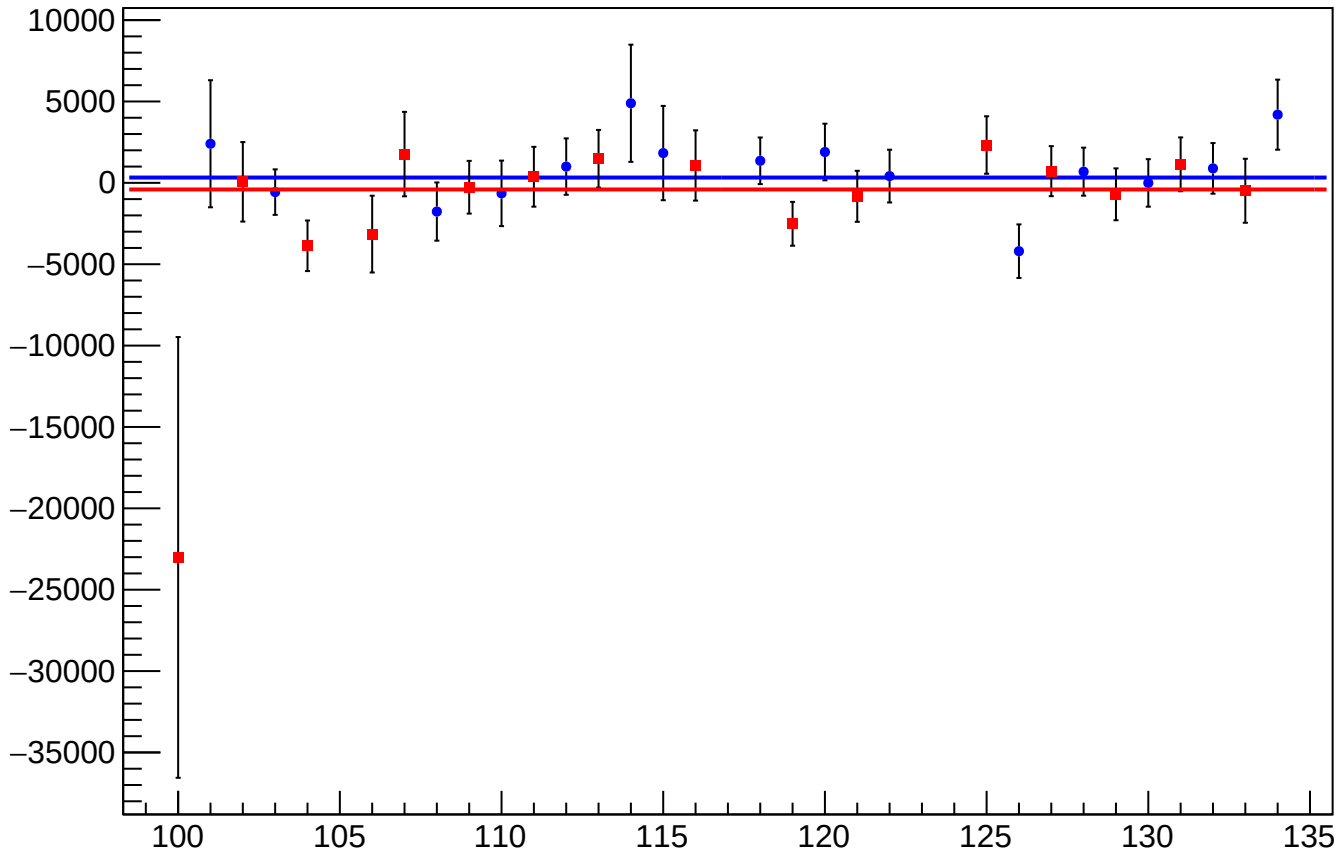
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 394.021+/-0.085 χ^2/NDF : 4113530.2/30

- sign 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 $\pm$ 456.897 χ^2 /NDF: 16.7/14

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

Right Out: -406.888 $\pm$ -454.300 χ^2 /NDF: 18.0/15

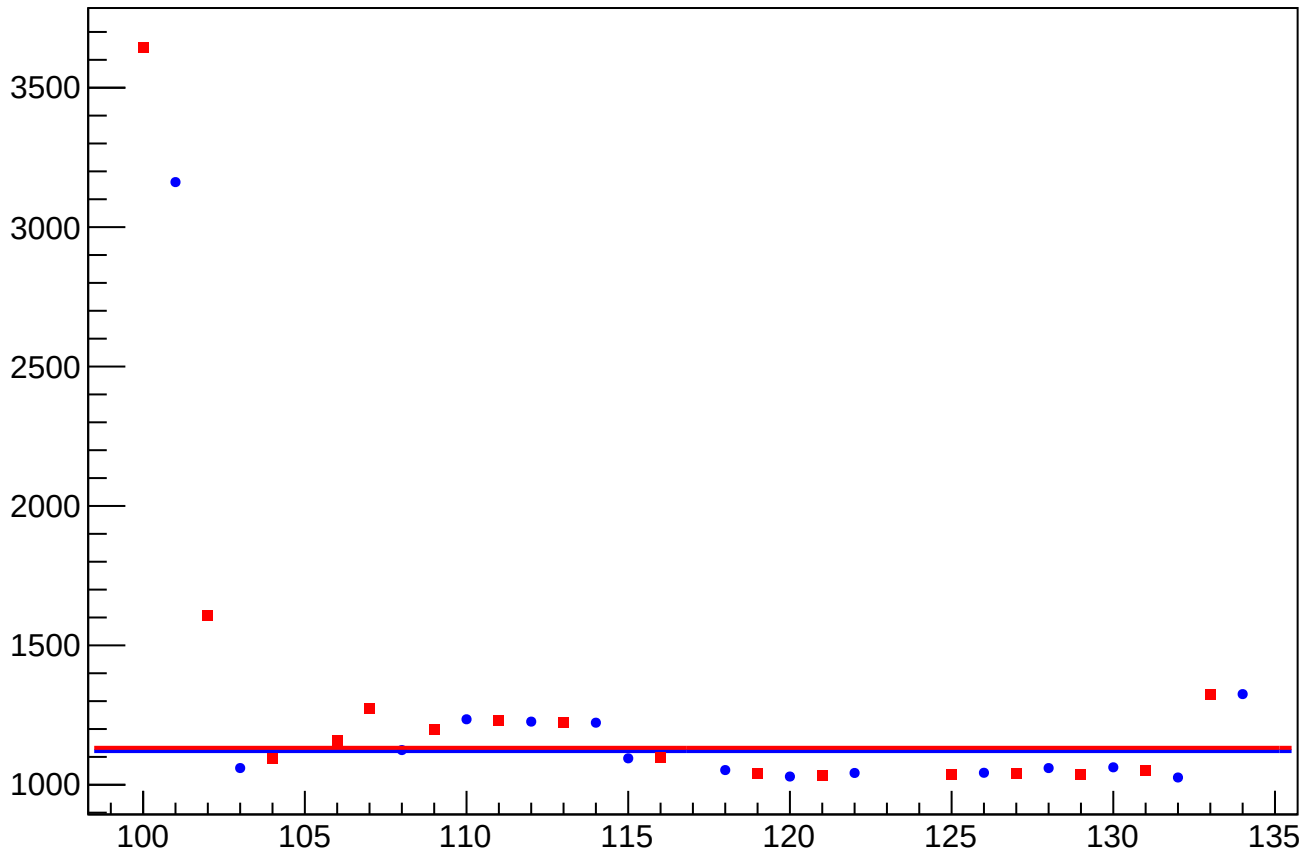
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: -42.553 $\pm$ -322.153 χ^2 /NDF: 36.0/30

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1120.846 $\pm$ 0.323 χ^2 /NDF: 617013.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1132.632 $\pm$ 0.321 χ^2 /NDF: 227110.3/15

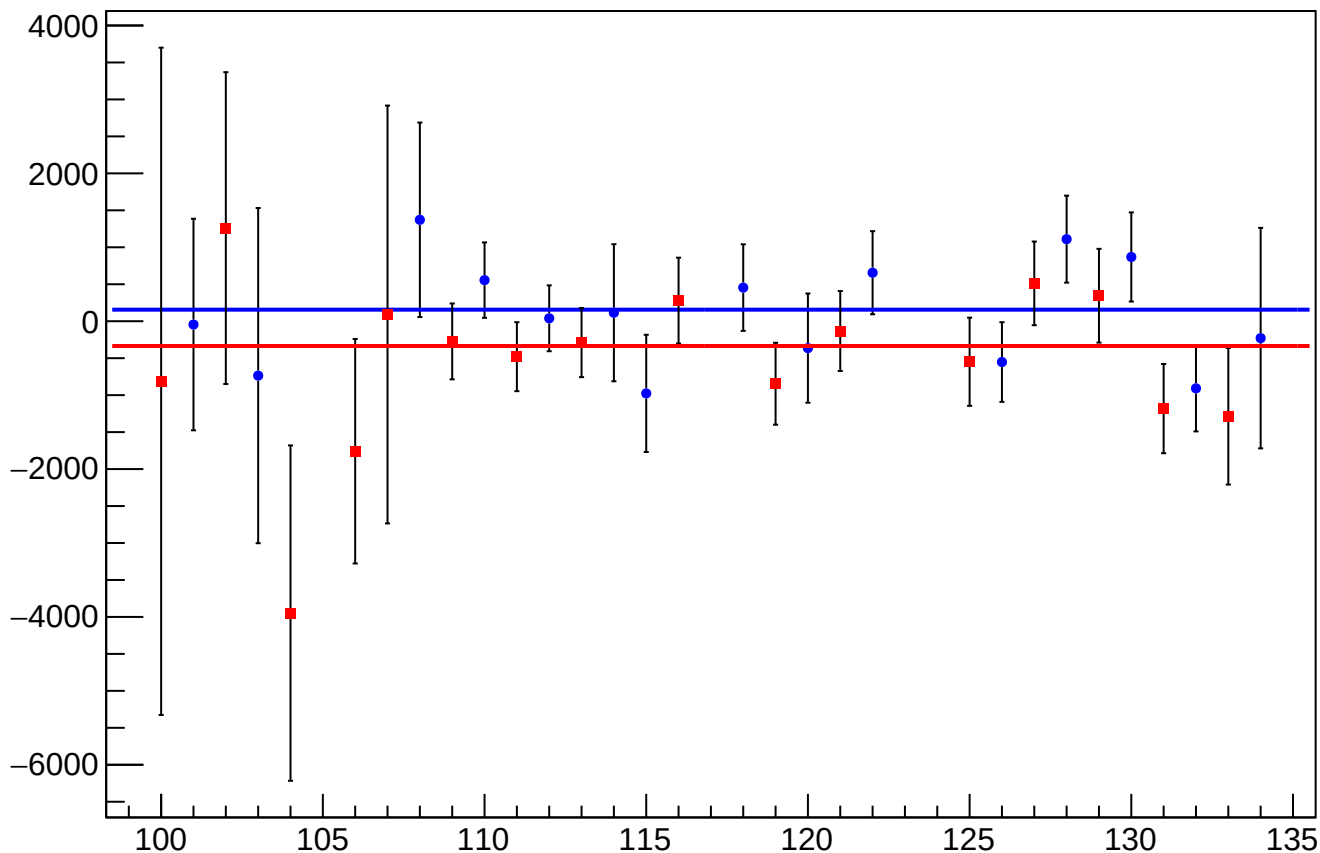
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1126.773 $\pm$ 0.228 χ^2 /NDF: 844793.0/30

- sign 0.000 $\pm$ 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: -335.220 $\pm$ 166.737 χ^2 /NDF: 12.8/15

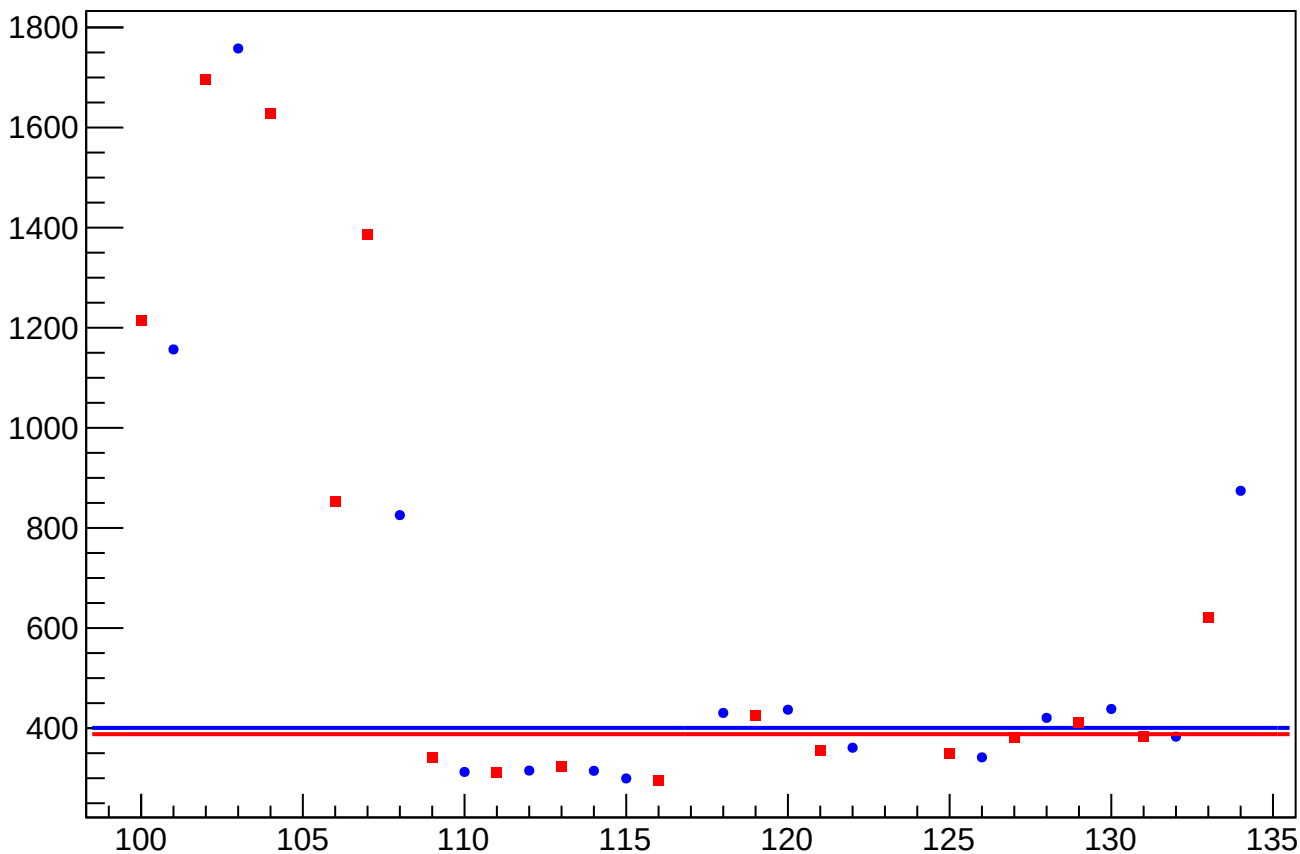
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -98.998 $\pm$ 120.160 χ^2 /NDF: 31.4/30

- 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

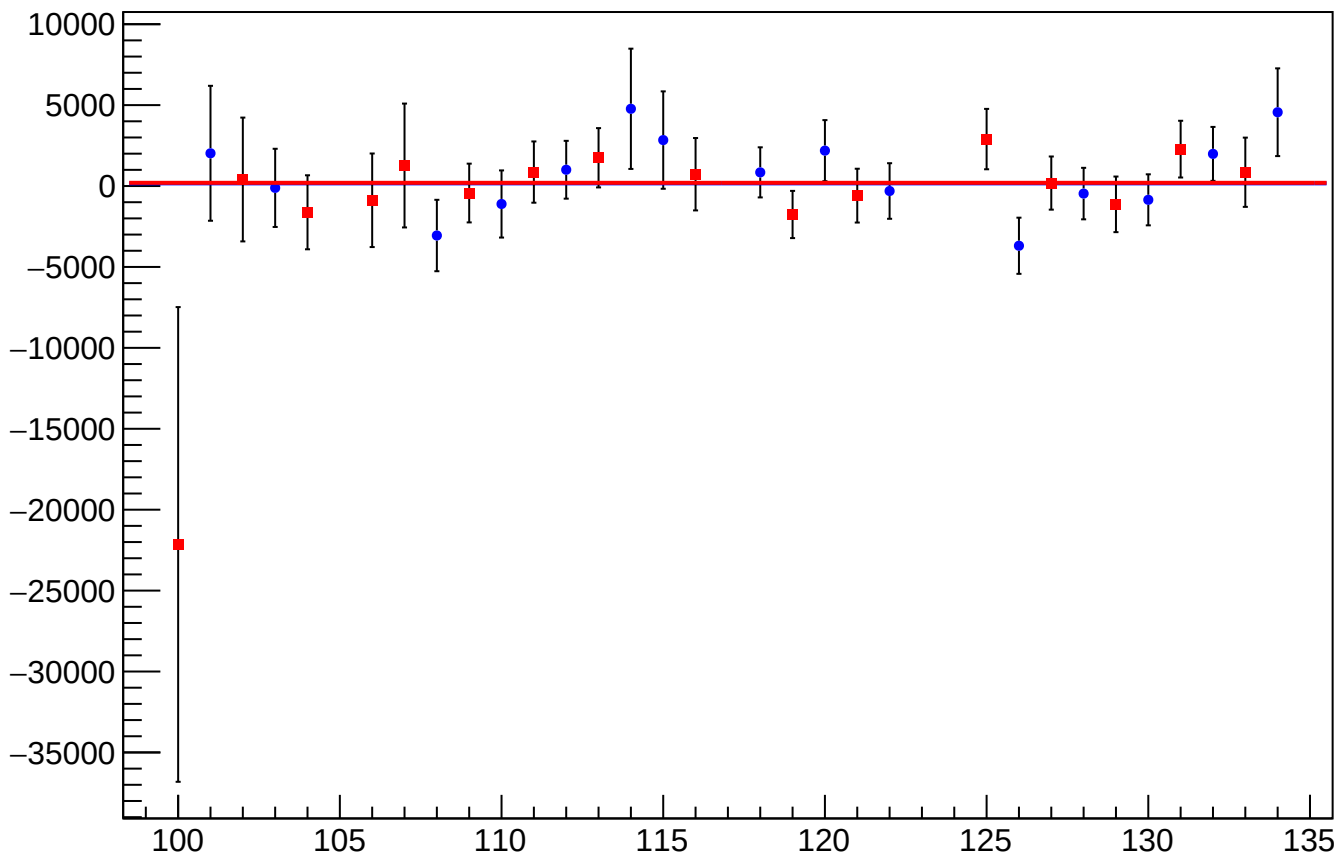
Right Out: 387.986+/-0.118 χ^2/NDF : 2183549.3/15

All: 394.019+/-0.085 χ^2/NDF : 4113543.9/30

- 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+/-511.275 χ^2/NDF : 16.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 198.577+/-506.064 χ^2/NDF : 10.4/15

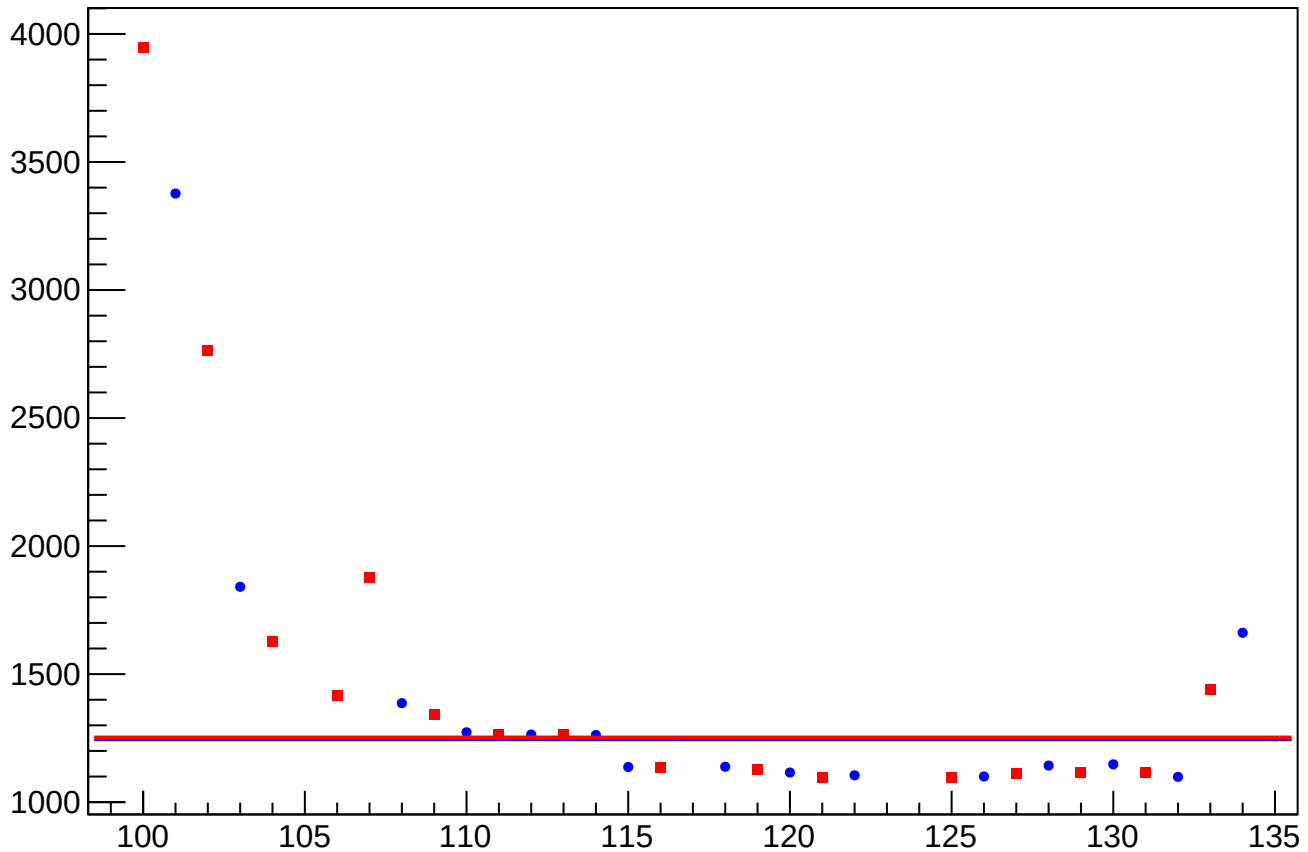
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.984+/-359.669 χ^2/NDF : 26.4/30

- sign 0.000+/-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: 1252.344+/-0.358 χ^2/NDF : 605169.8/15

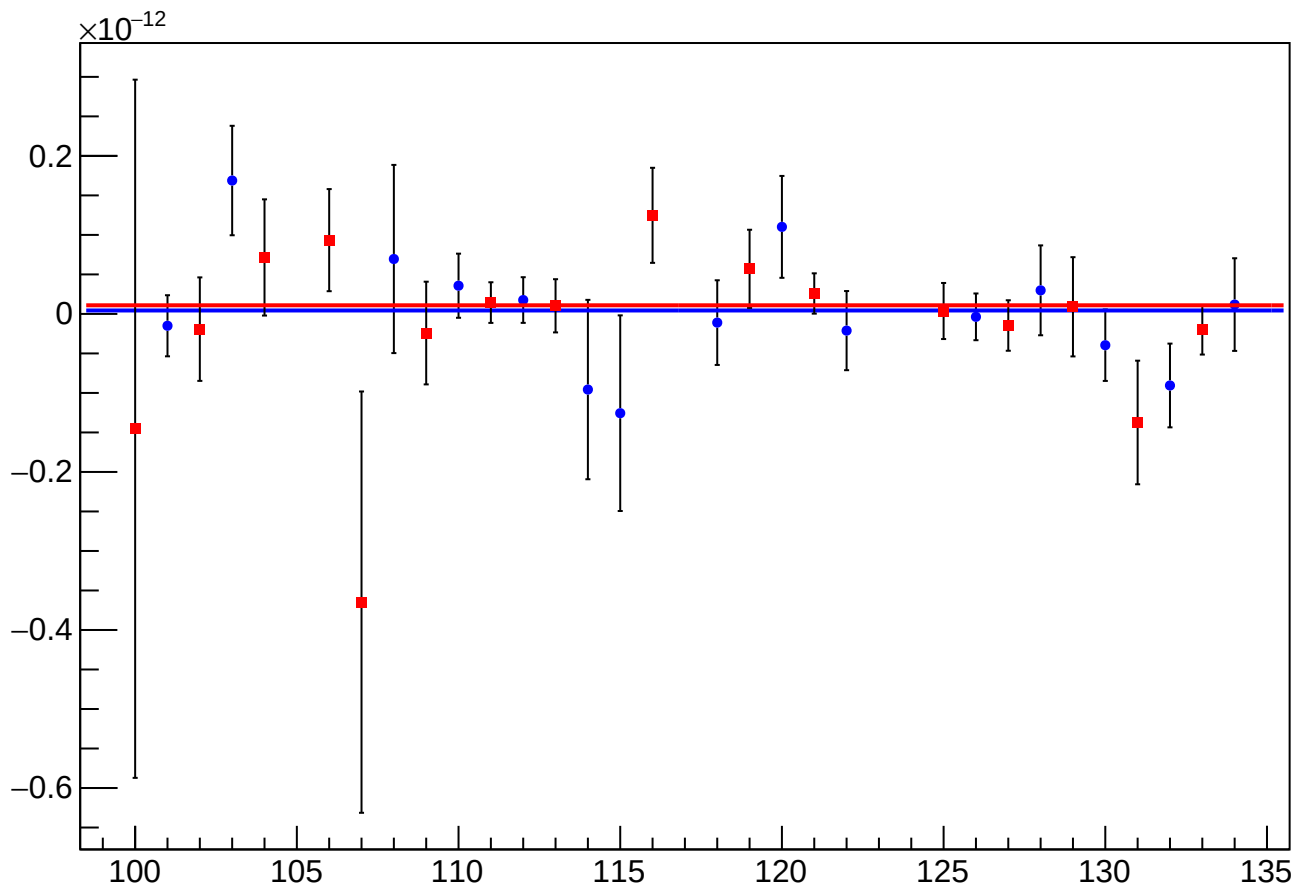
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1249.209+/-0.254 χ^2/NDF : 1386101.2/30

- 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: 15.0/15

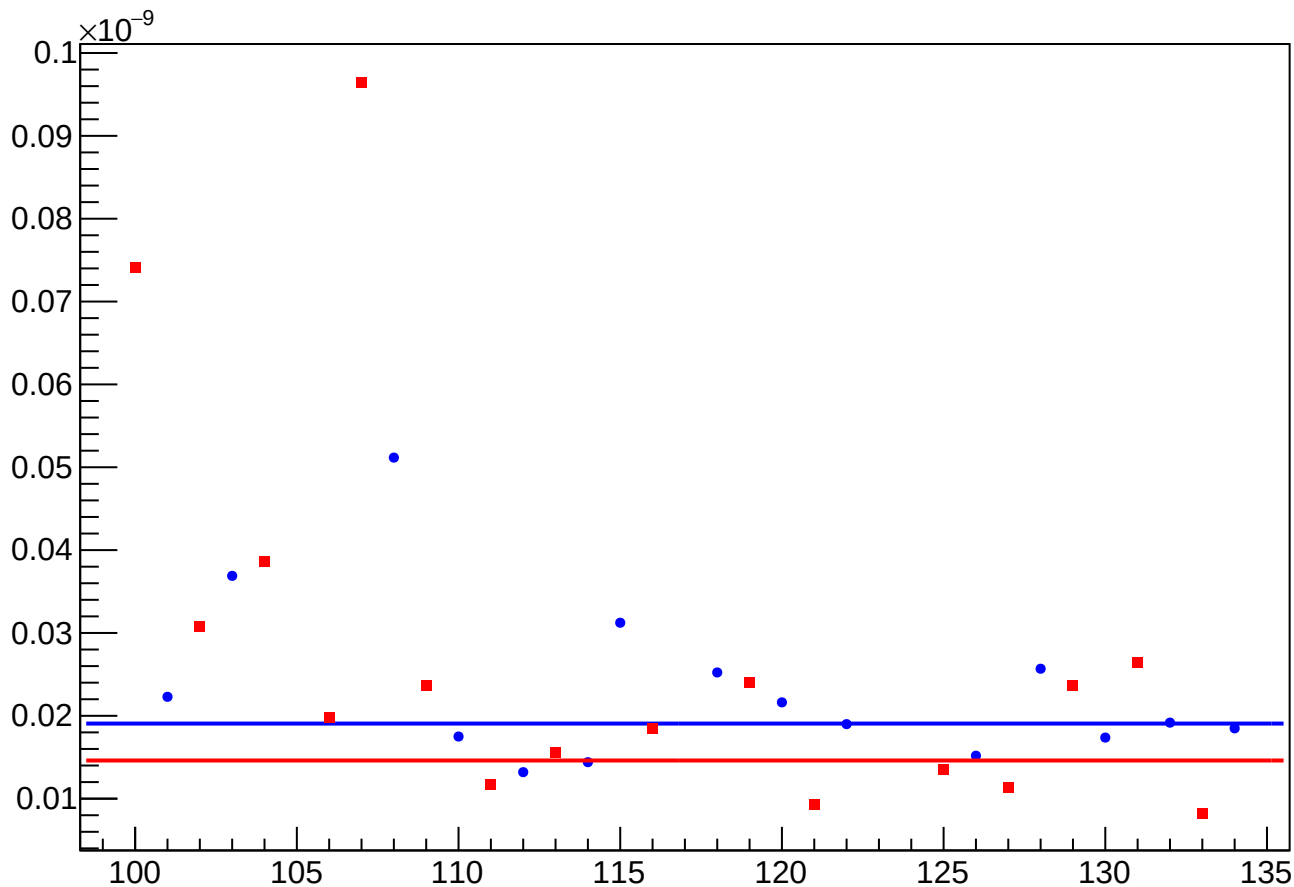
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 31.5/30

- 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: 998241.7/15

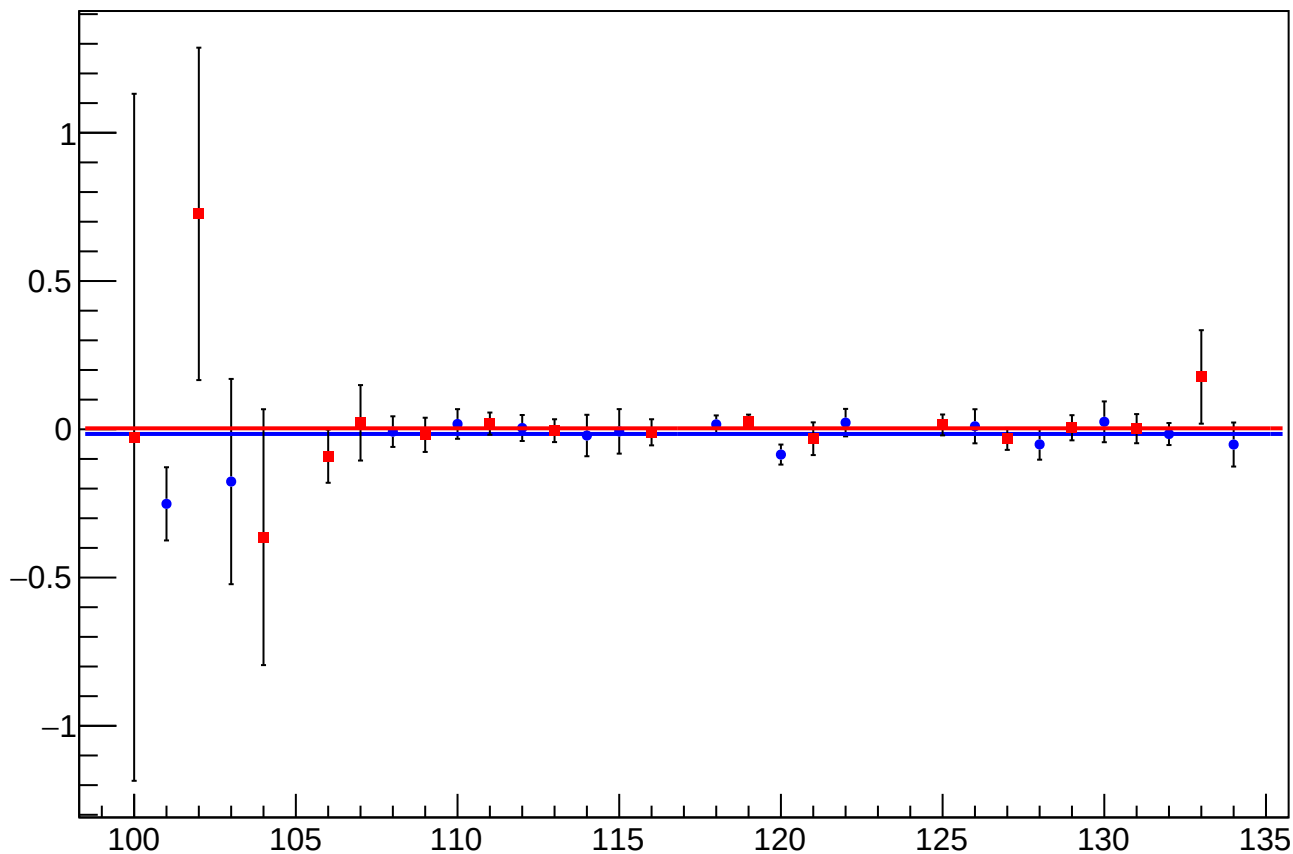
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1640049.6/30

- 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: 0.003 ± 0.012 χ^2/NDF : 7.5/15

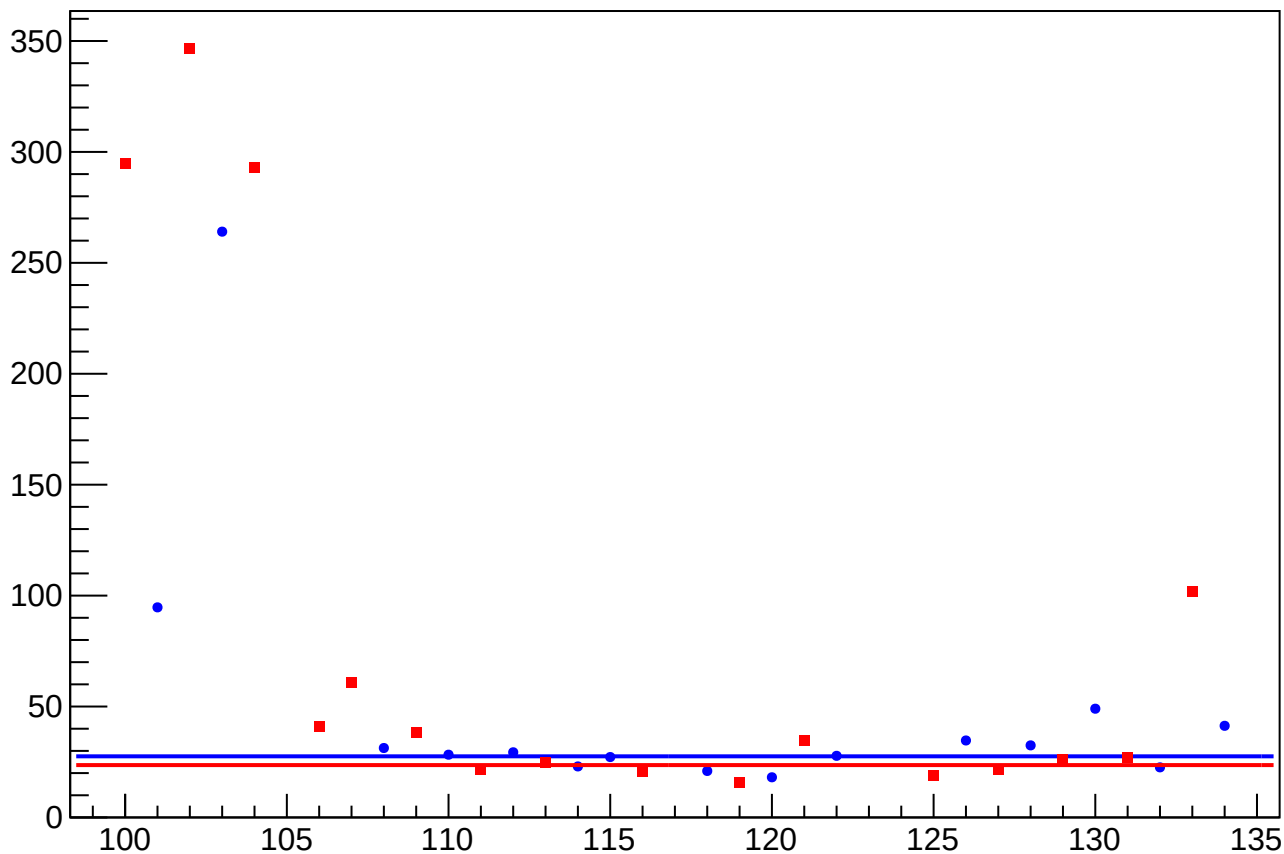
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.005 ± 0.009 χ^2/NDF : 20.5/30

- 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: 23.604+/-0.008 χ^2/NDF : 2802586.7/15

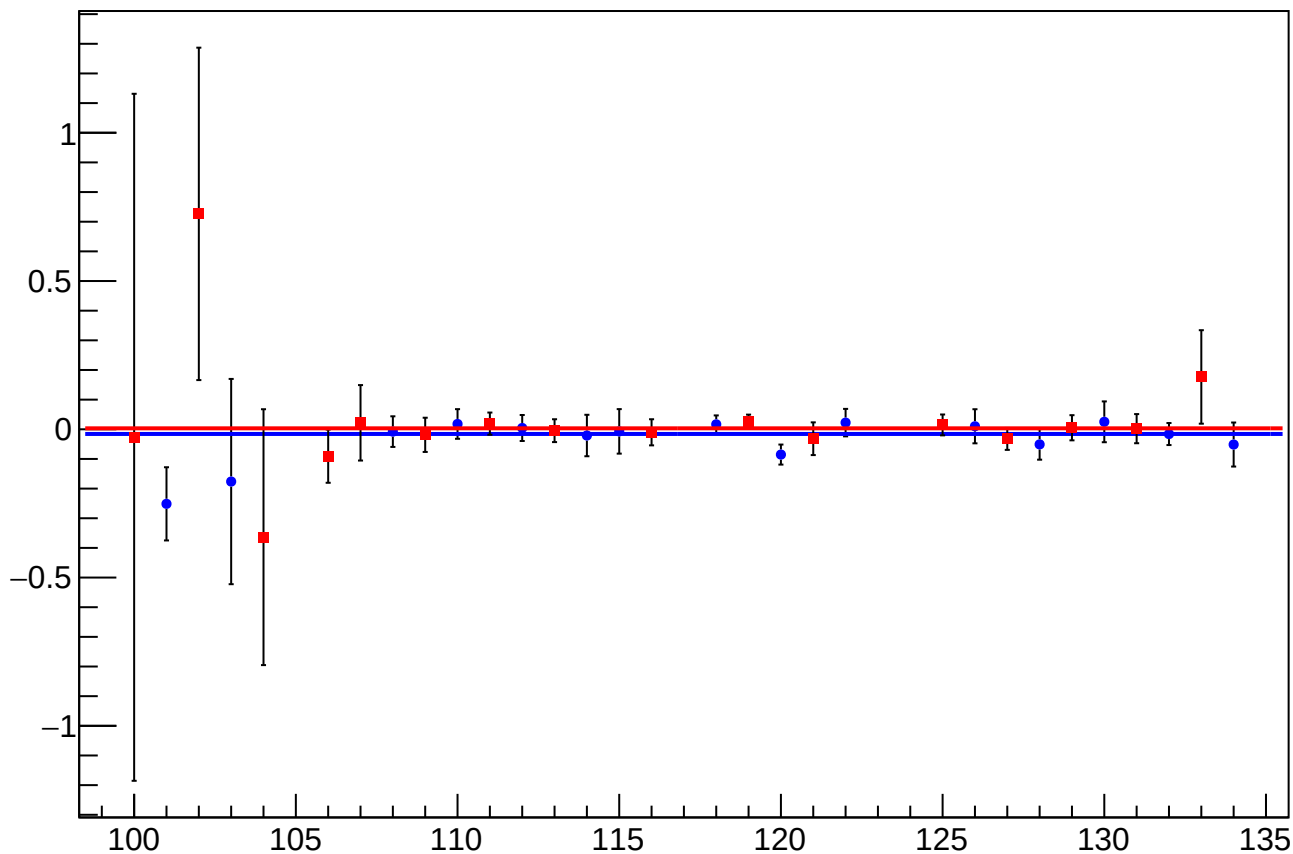
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.425+/-0.006 χ^2/NDF : 5053267.7/30

- 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 ± 0.013 χ^2/NDF : 11.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.003 ± 0.012 χ^2/NDF : 7.5/15

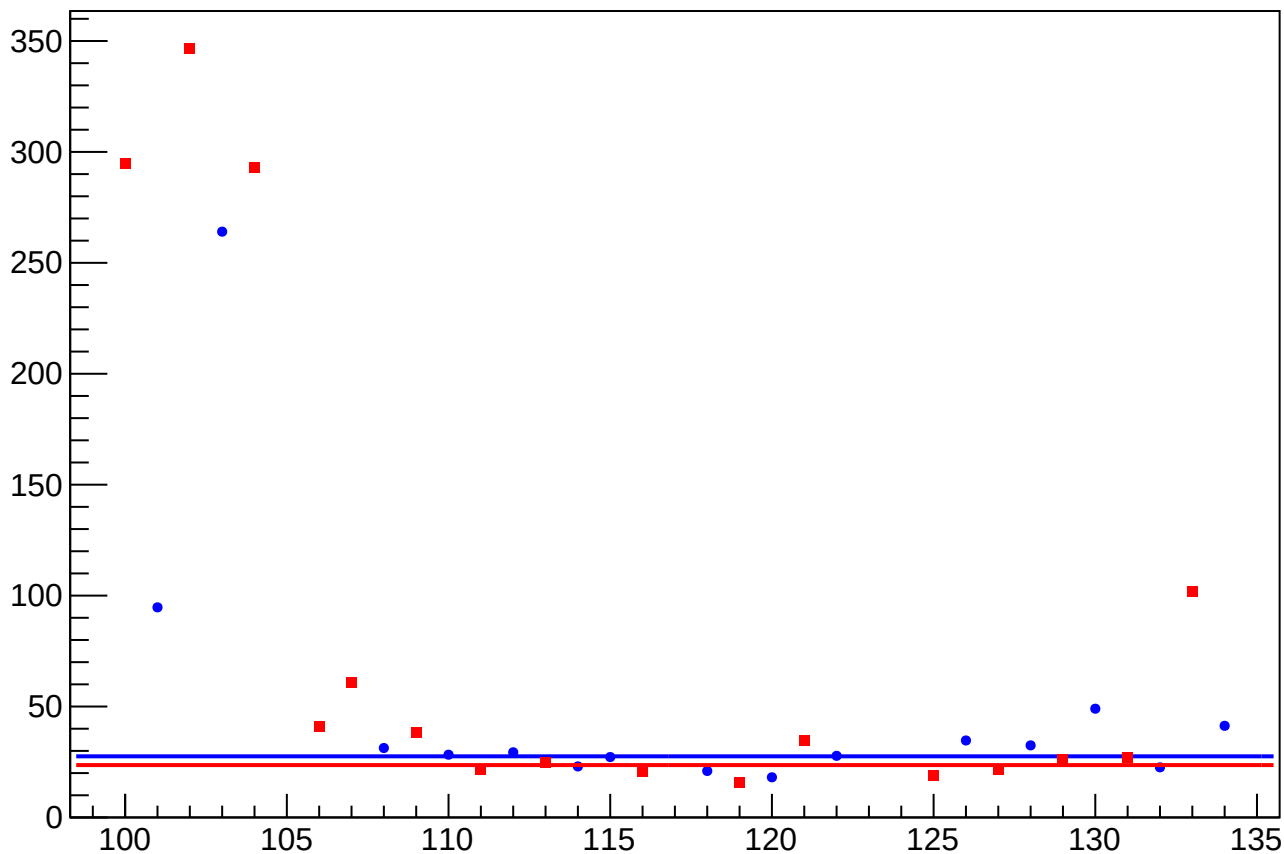
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.005 ± 0.009 χ^2/NDF : 20.5/30

- sign 0.000 ± 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: 23.604+/-0.008 χ^2/NDF : 2802586.7/15

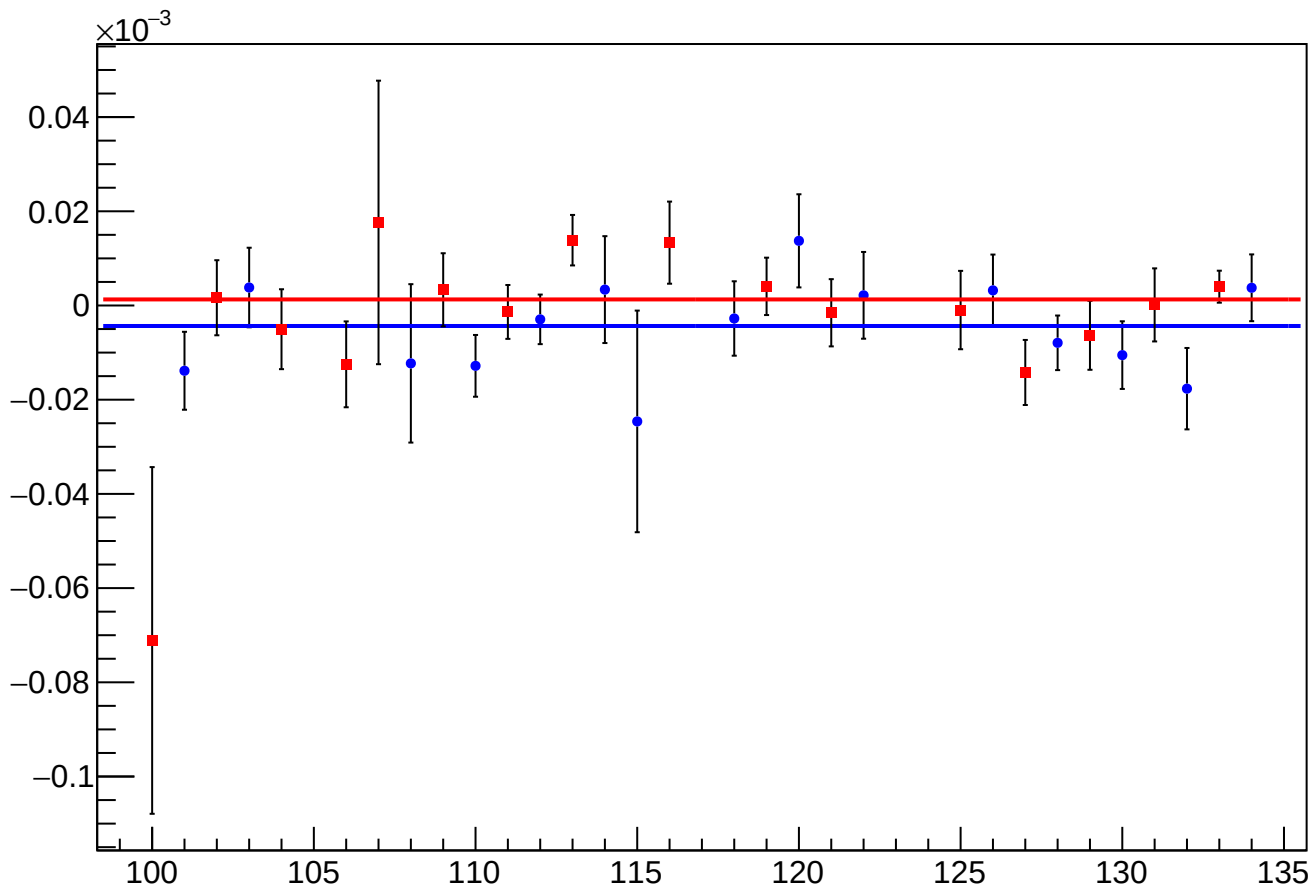
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.425+/-0.006 χ^2/NDF : 5053267.7/30

- 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+/-0.000 χ^2/NDF : 15.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 21.9/15

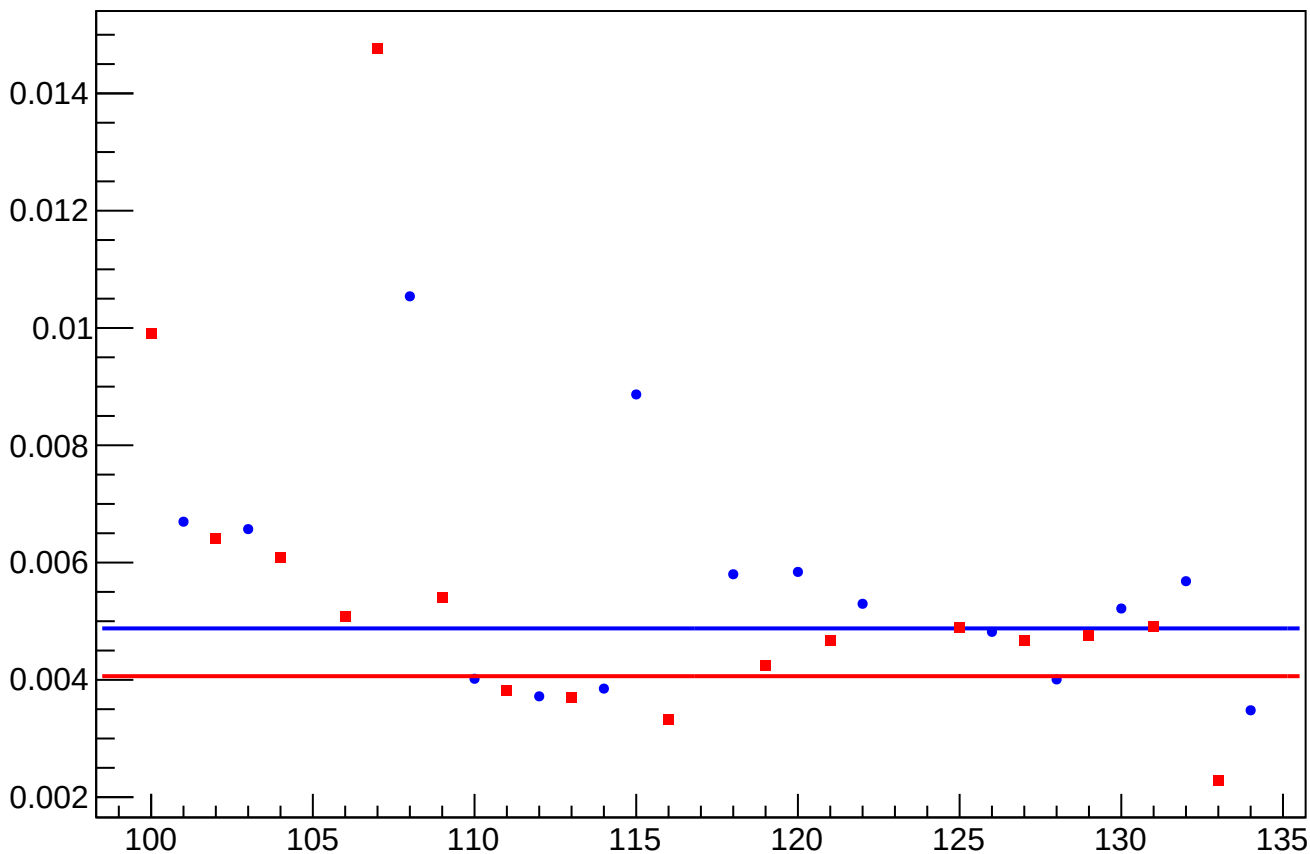
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 41.5/30

- sign 0.000+/-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 : 1347218.6/15

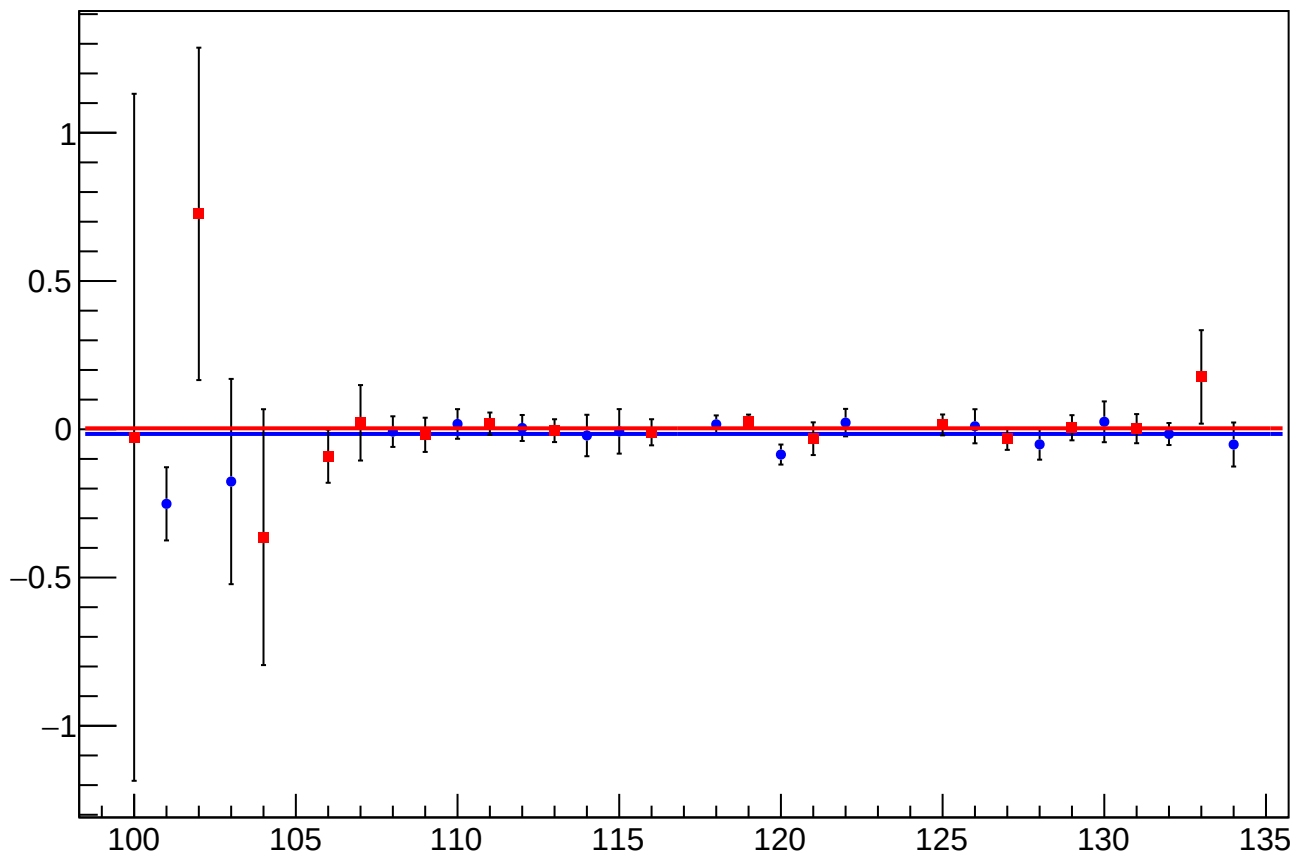
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 2338212.4/30

- 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 ± 0.013 χ^2/NDF : 11.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.003 ± 0.012 χ^2/NDF : 7.5/15

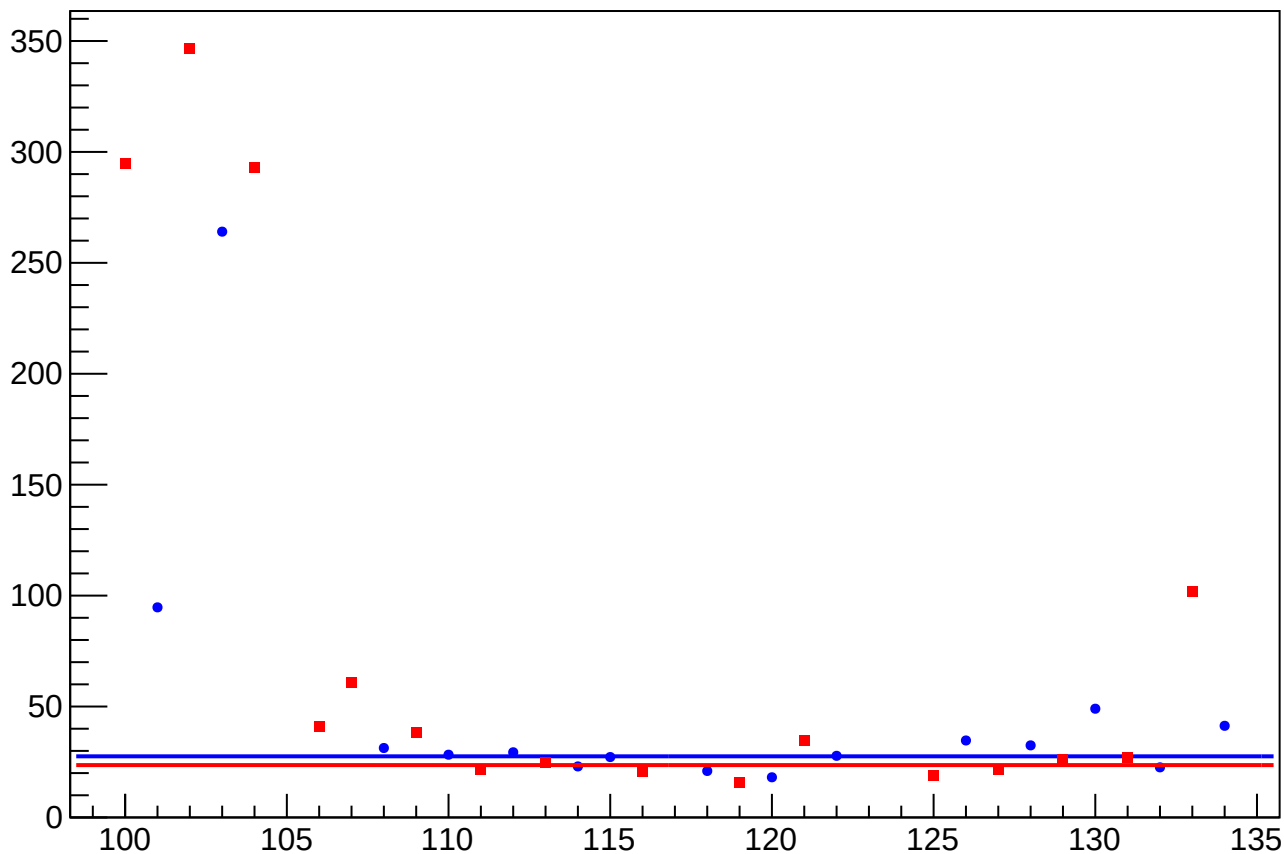
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.006 ± 0.009 χ^2/NDF : 20.5/30

- sign 0.000 ± 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: 23.602+/-0.008 χ^2/NDF : 2802808.2/15

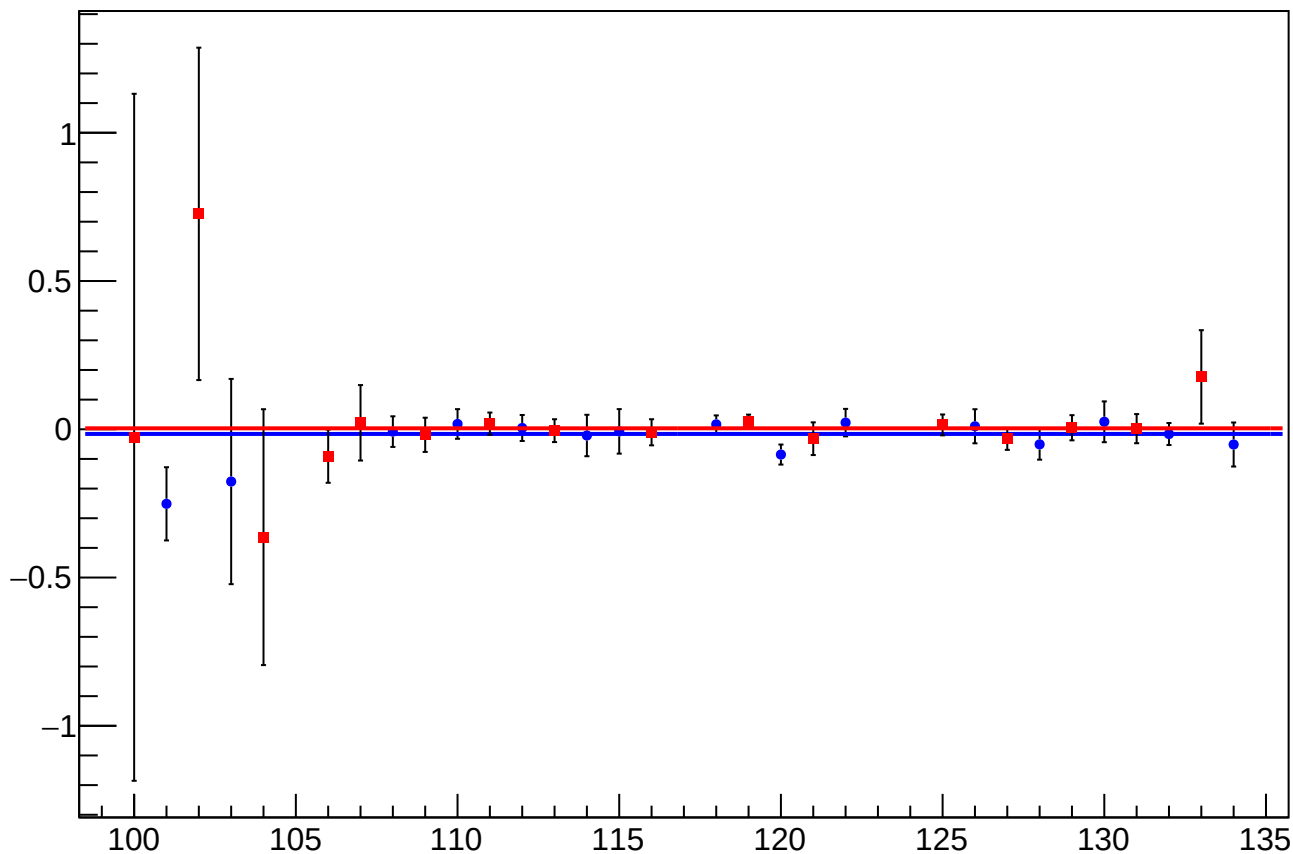
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.424+/-0.006 χ^2/NDF : 5053588.9/30

- 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 $\pm$ 0.013 χ^2/NDF : 11.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.003 $\pm$ 0.012 χ^2/NDF : 7.5/15

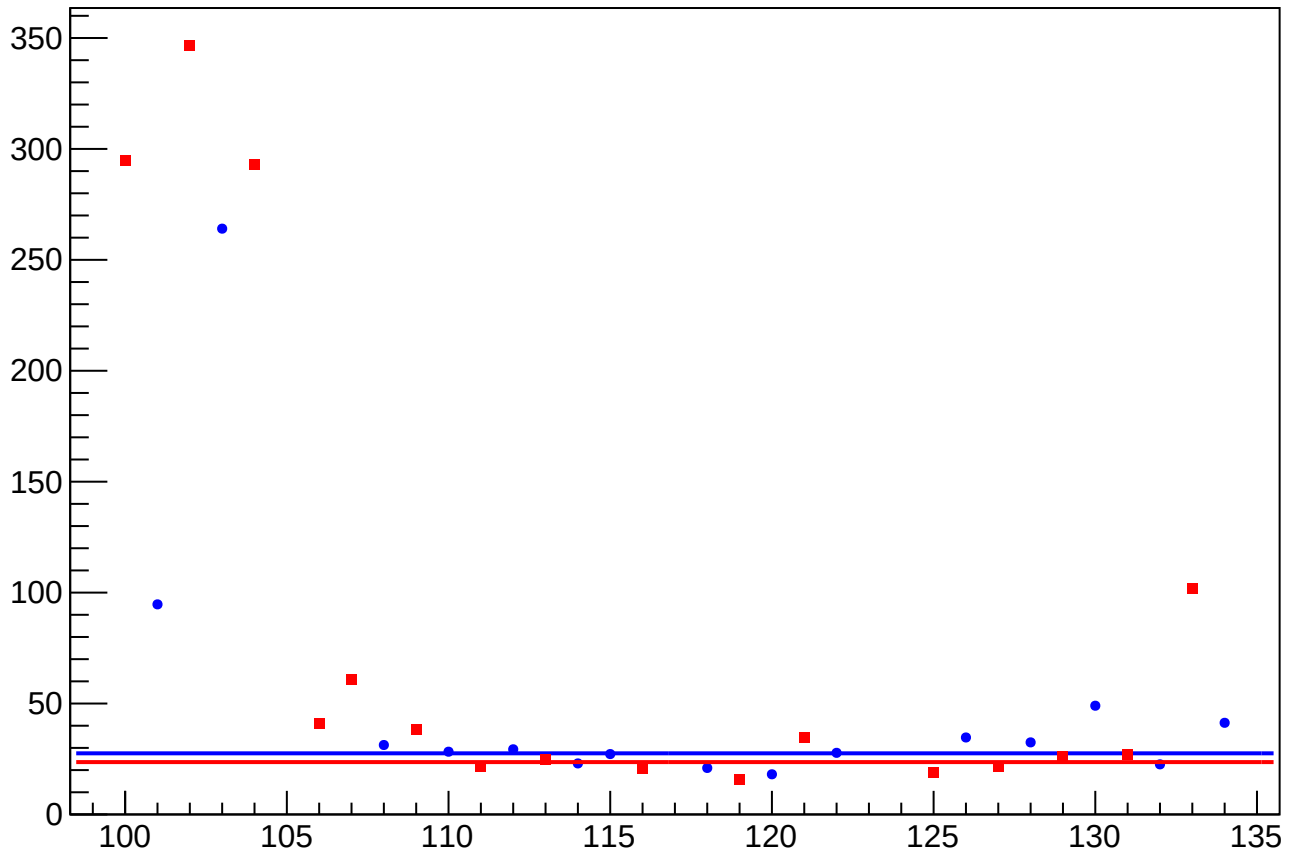
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.006 $\pm$ 0.009 χ^2/NDF : 20.5/30

- sign 0.000 $\pm$ 0.000 χ^2/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: 23.602+/-0.008 χ^2/NDF : 2802808.2/15

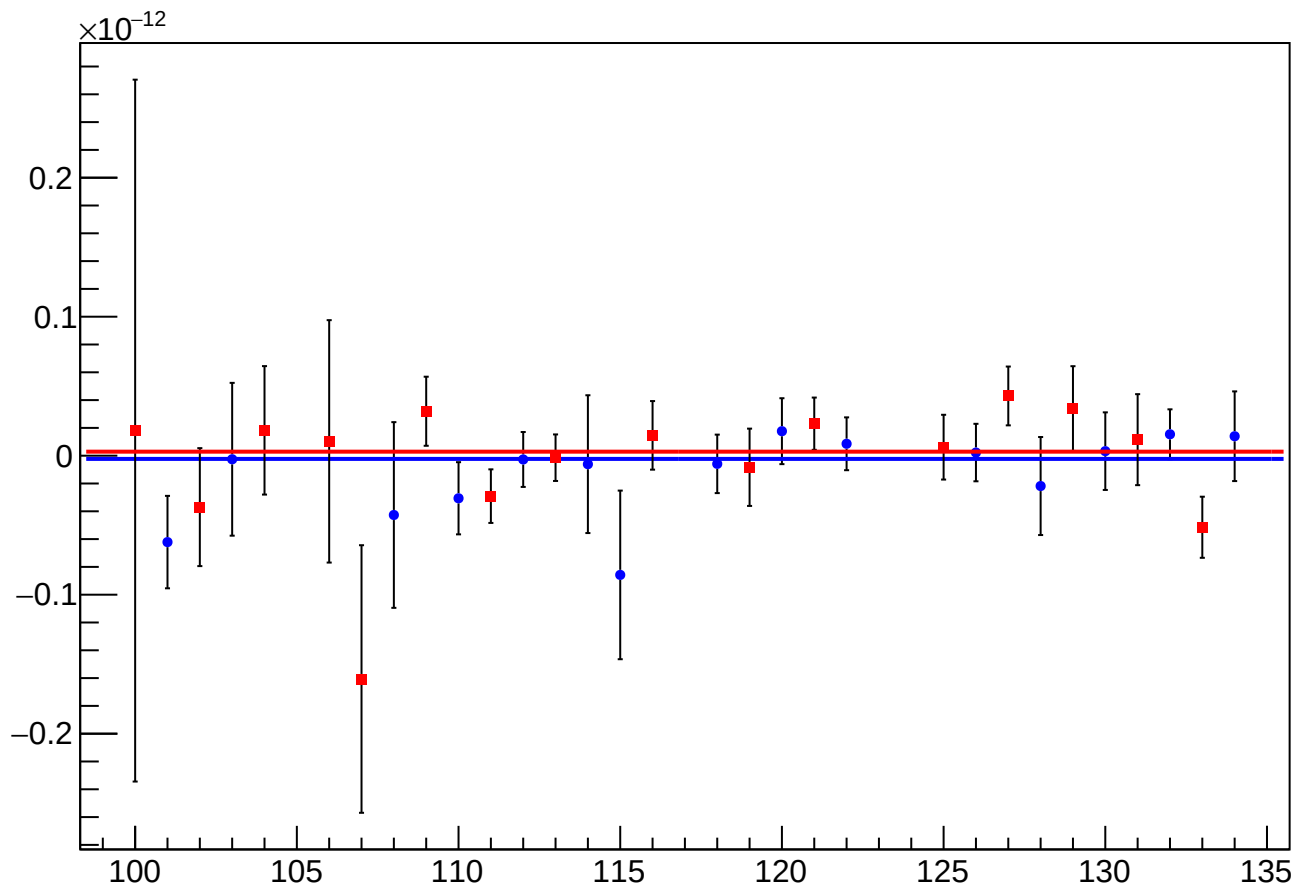
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.424+/-0.006 χ^2/NDF : 5053588.9/30

- 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+/-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 : 20.5/15

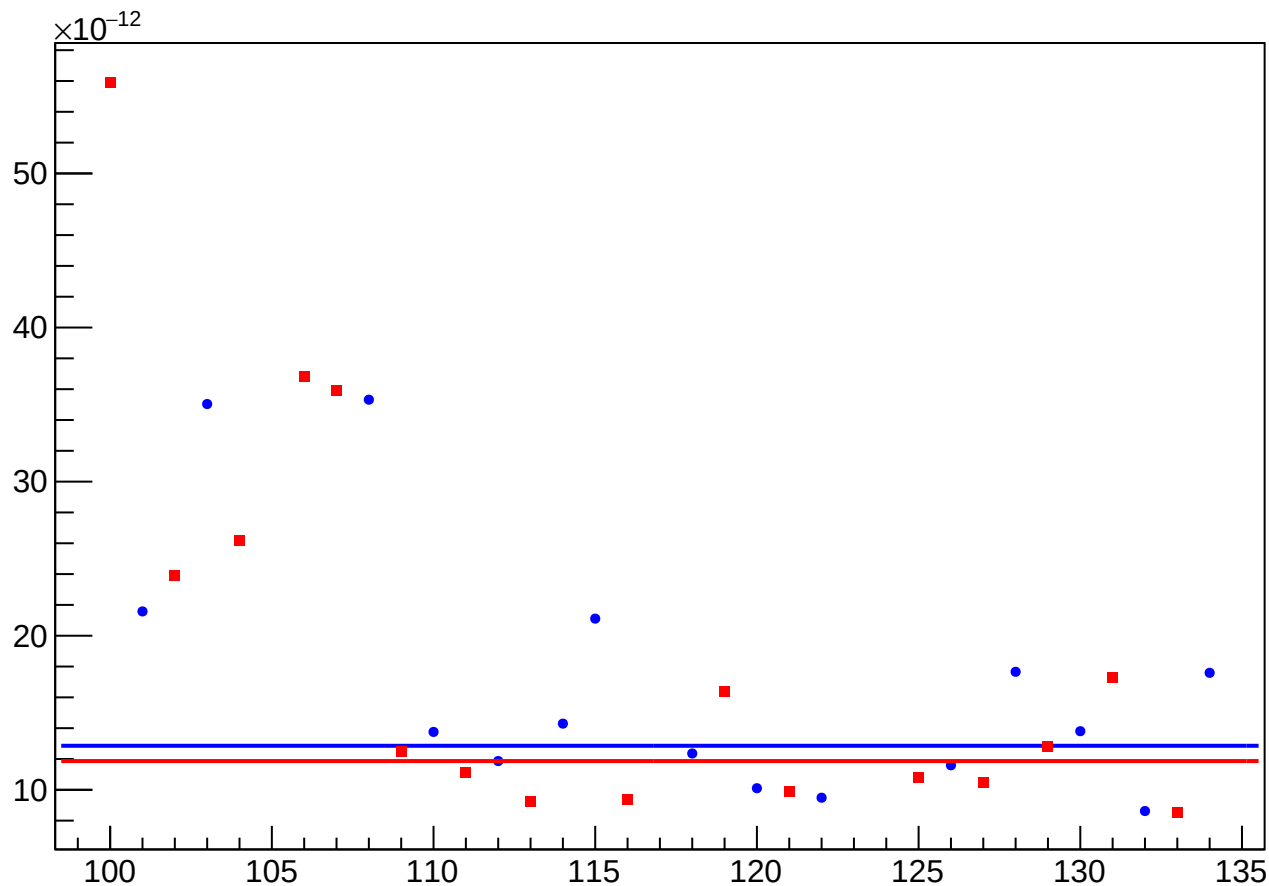
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.1/30

- sign 0.000+/-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: 966269.8/15

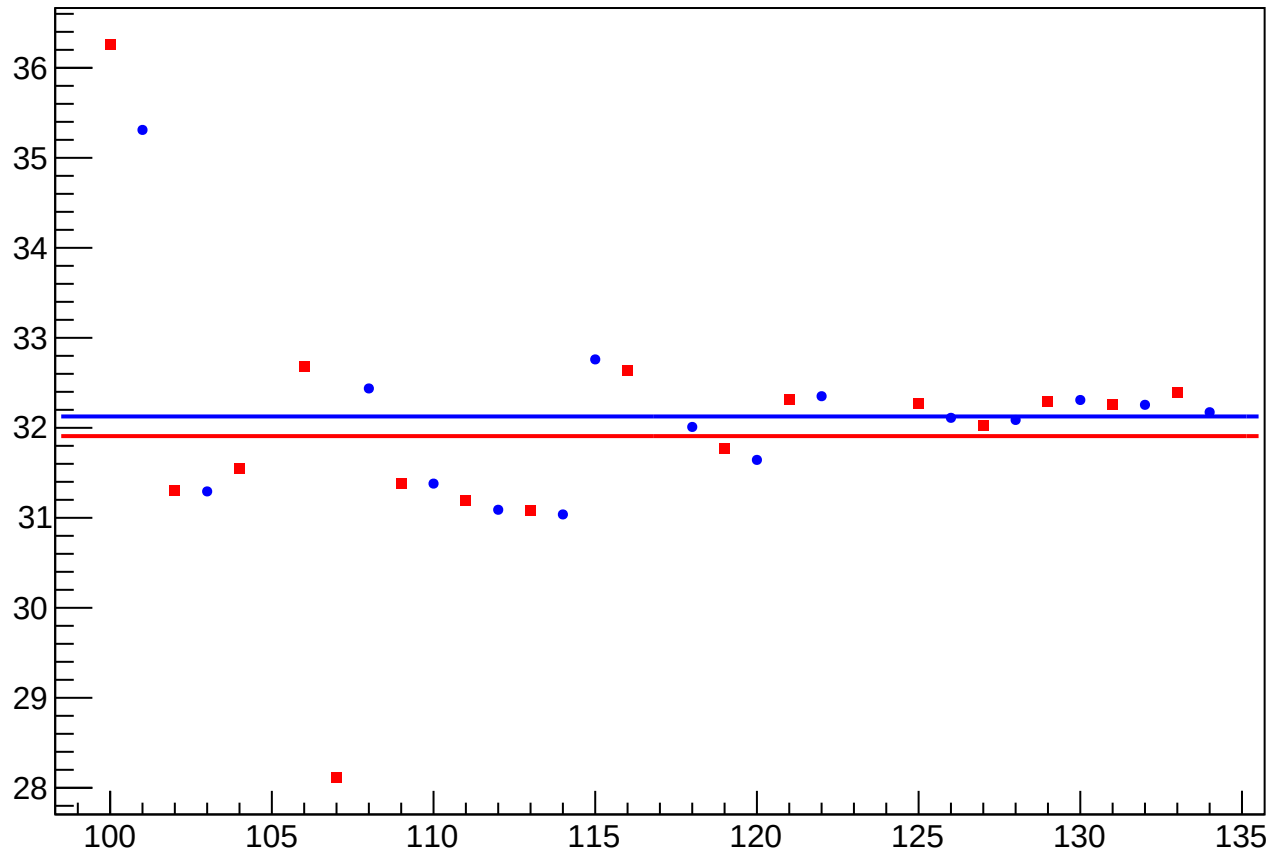
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2015979.5/30

- 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: 31.908+/-0.000 χ^2/NDF : 464968778.9/15

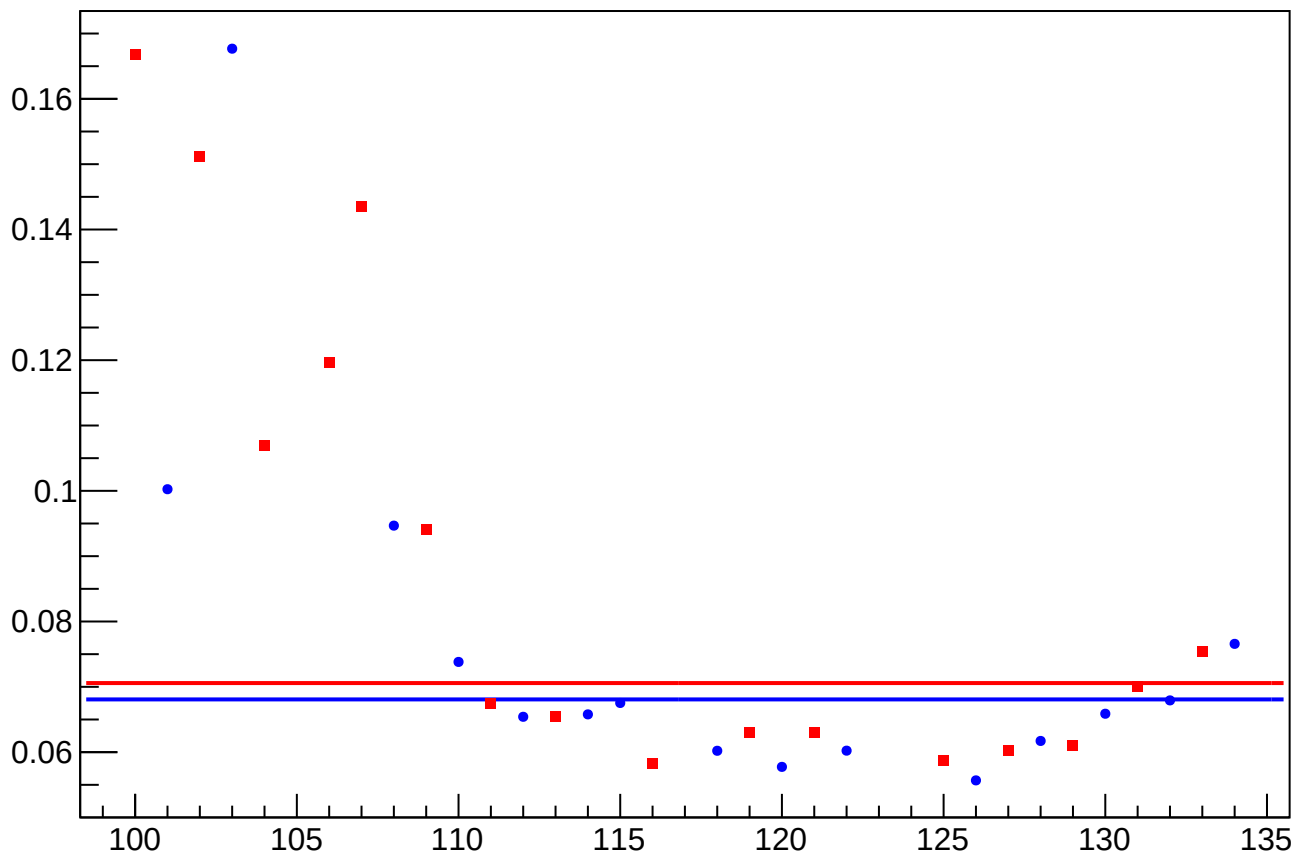
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.020+/-0.000 χ^2/NDF : 1330242684.9/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_usl_rms vs Slug



Right In: 0.068 $\pm$ 0.000 χ^2 /NDF: 701185.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.071 $\pm$ 0.000 χ^2 /NDF: 866668.7/15

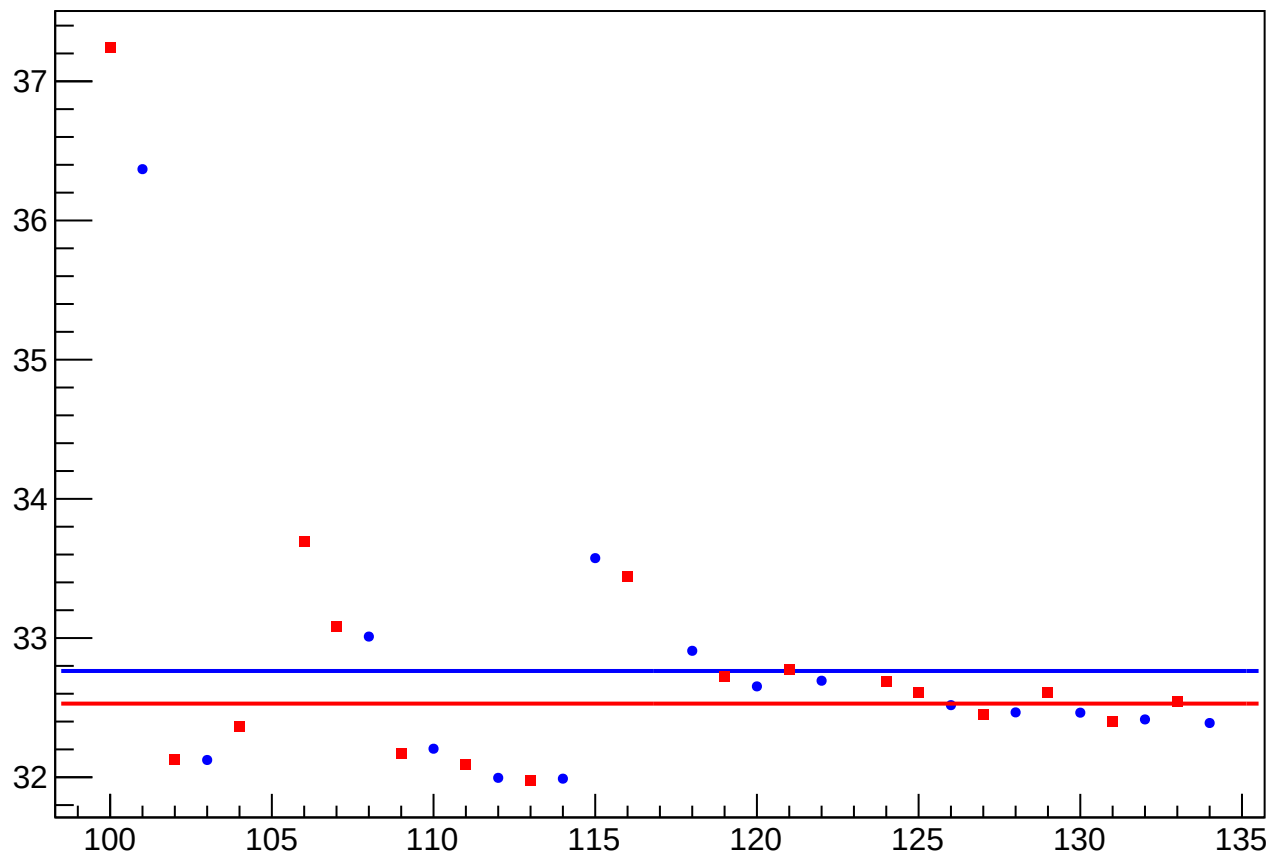
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.069 $\pm$ 0.000 χ^2 /NDF: 1575031.7/30

- sign 0.000 $\pm$ 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: 32.529+/-0.000 χ^2/NDF : 140698111.0/16

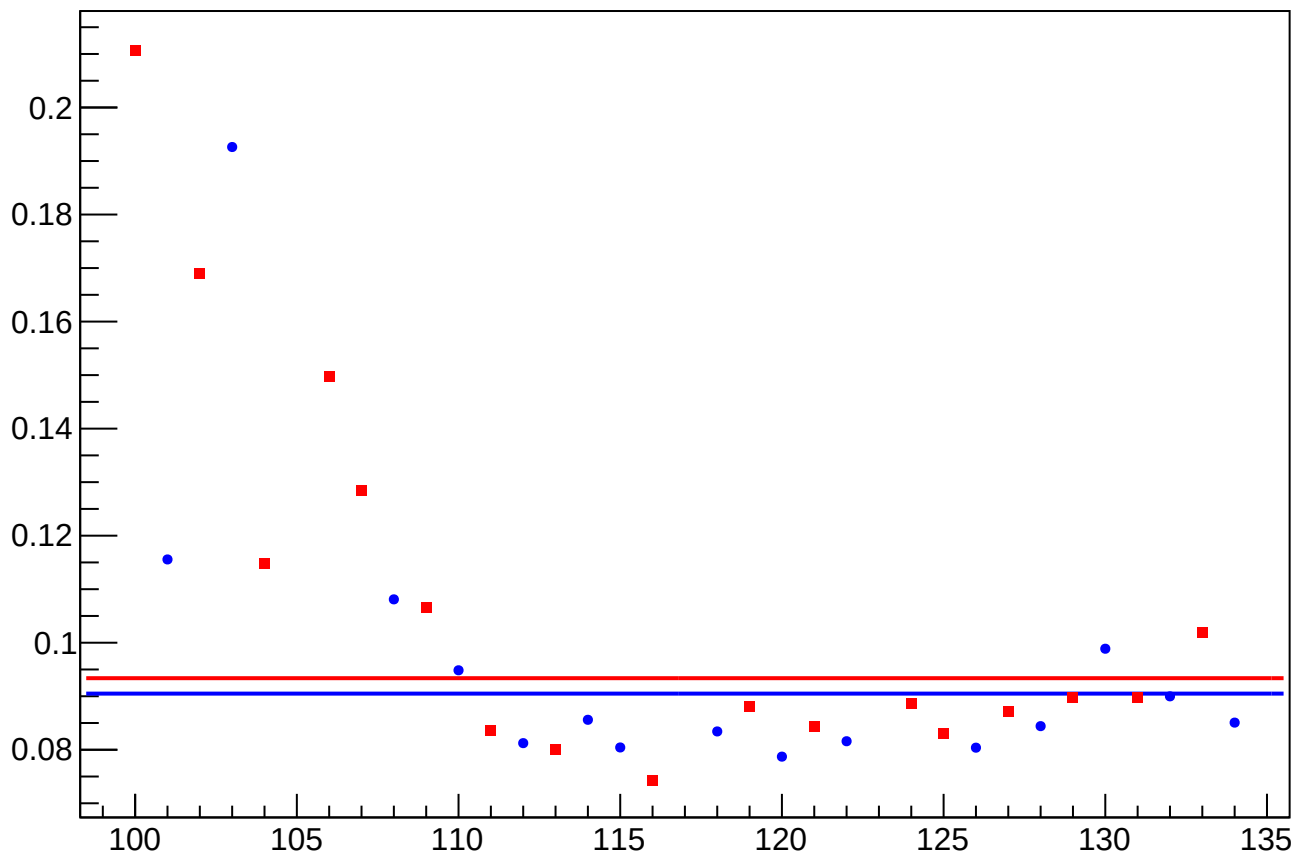
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.647+/-0.000 χ^2/NDF : 834396933.7/31

- 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: 0.093+/-0.000 χ^2/NDF : 529701.2/16

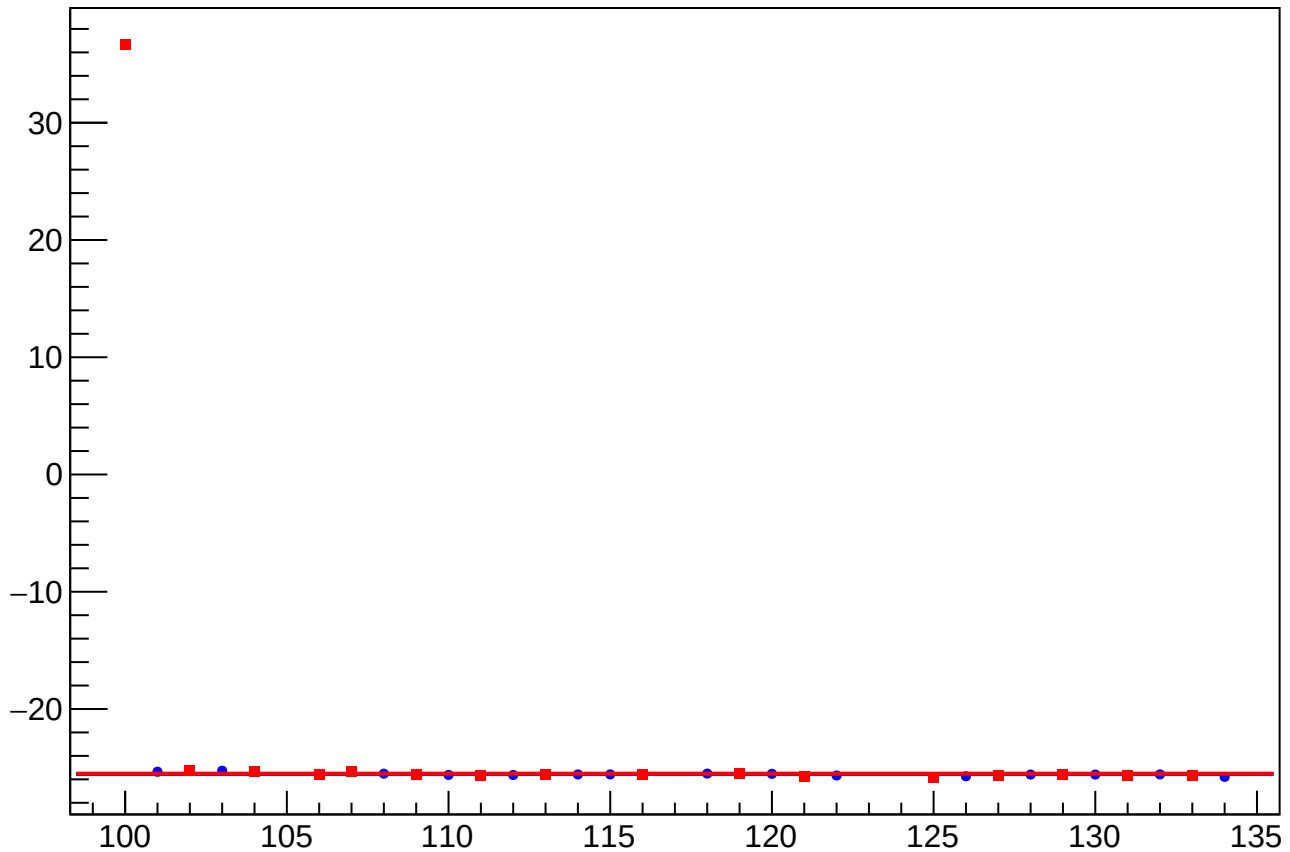
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.092+/-0.000 χ^2/NDF : 1011519.2/31

- 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: -25.518 $\pm$ 0.000 χ^2 /NDF: 8883182451.6/15

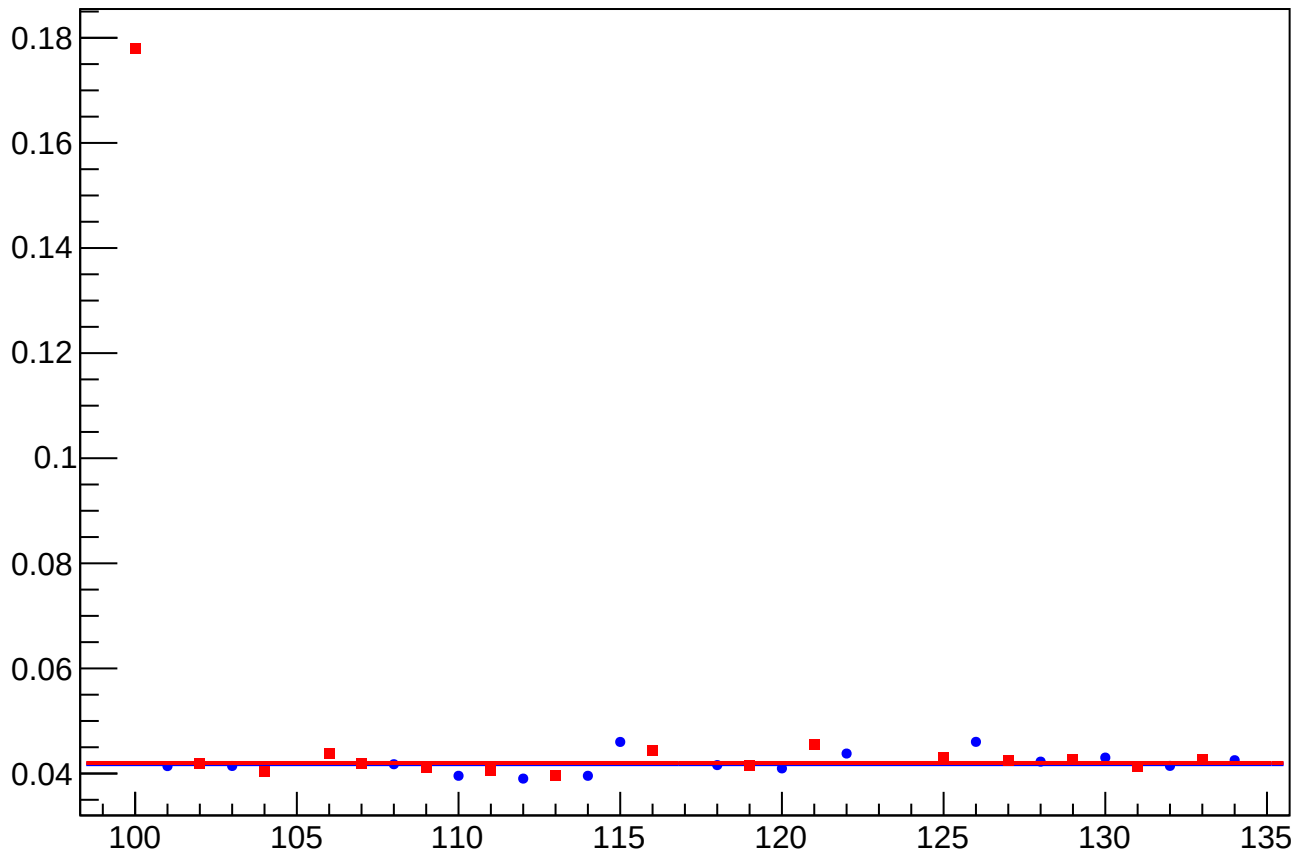
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -25.532 $\pm$ 0.000 χ^2 /NDF: 8953682539.9

- 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: 99286.7/15

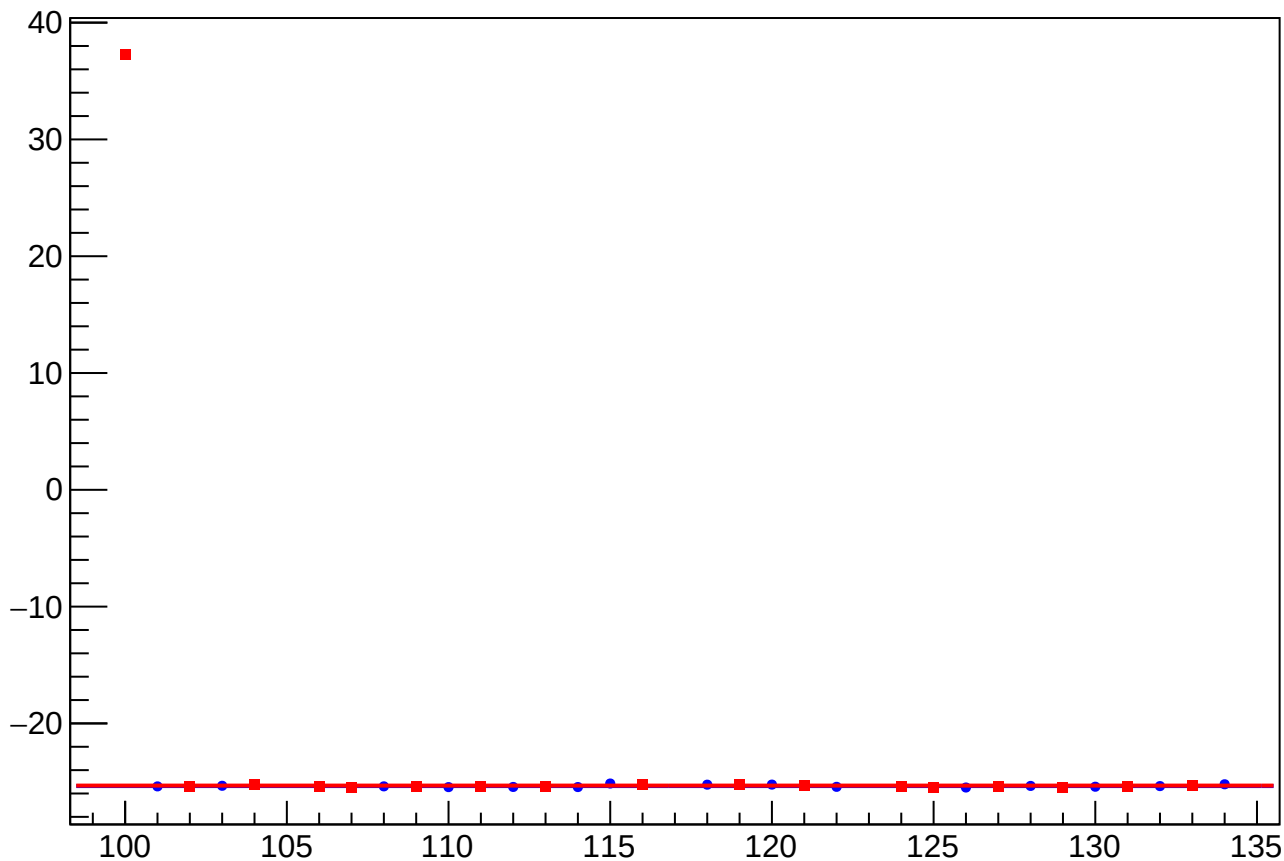
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.042 $\pm$ 0.000 χ^2 /NDF: 120124.1/30

- 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

Right Out: -25.323+/-0.000 χ^2/NDF : 6314720835.1/16

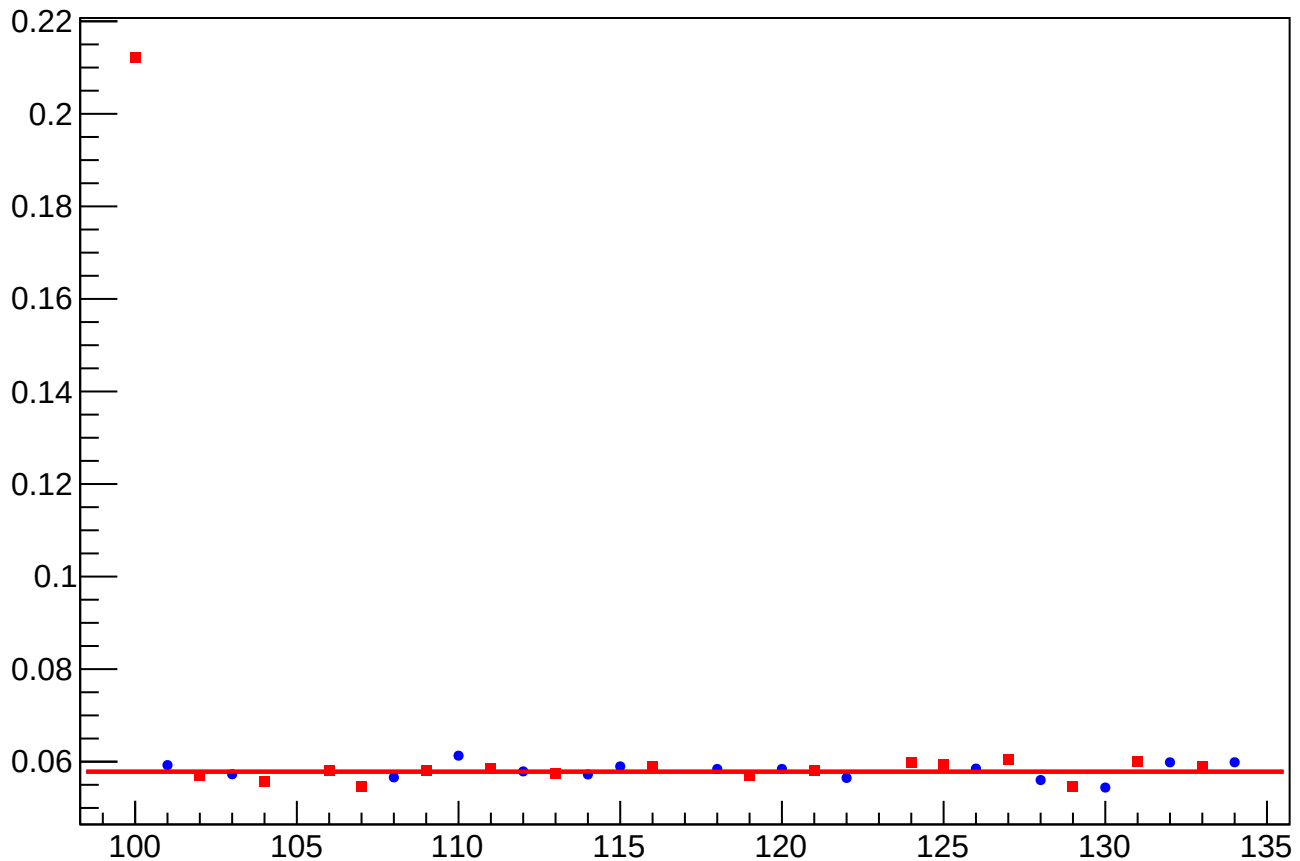
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.343+/-0.000 χ^2/NDF : 6329397219.6/16

- sign 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 : 87139.1/16

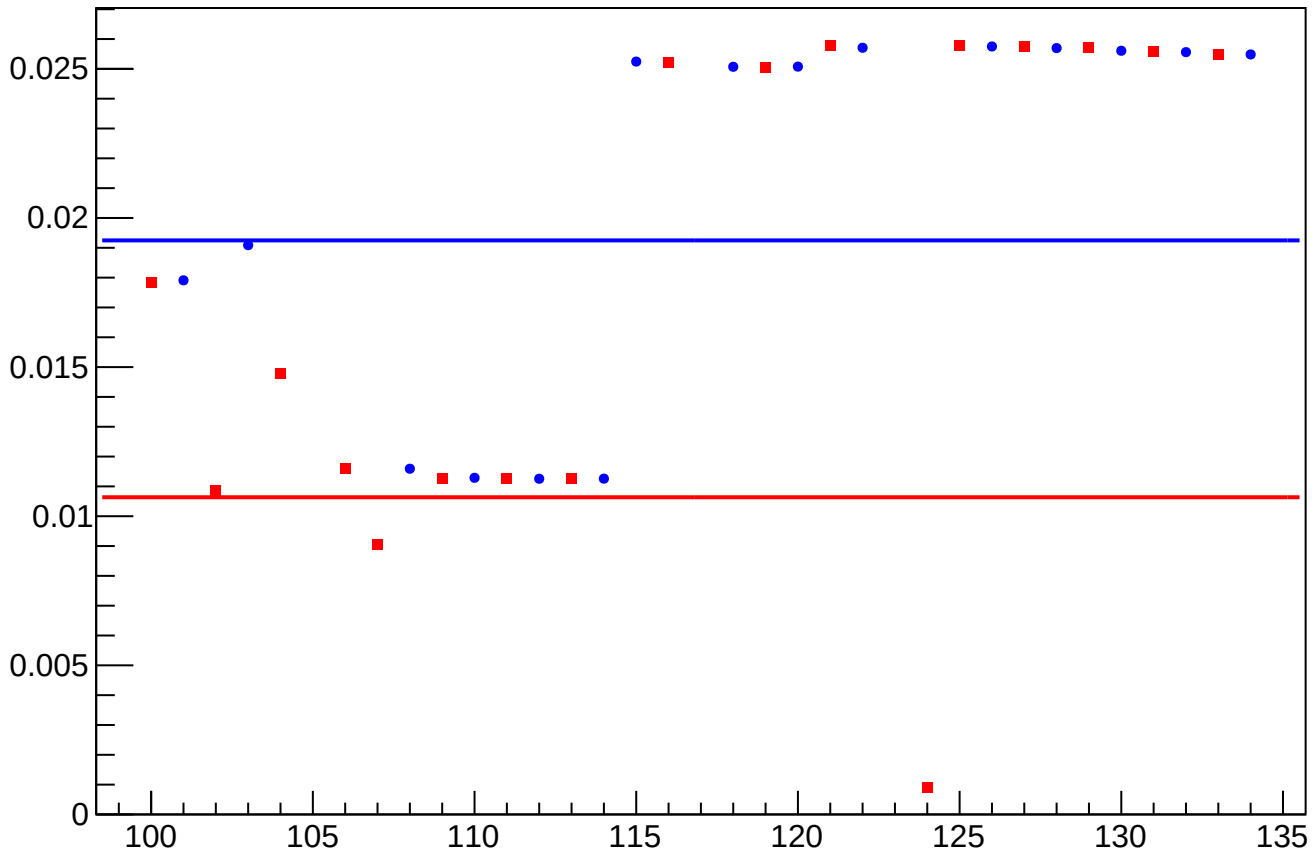
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.000 χ^2/NDF : 98344.7/31

- 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 : 226319236424.4/16

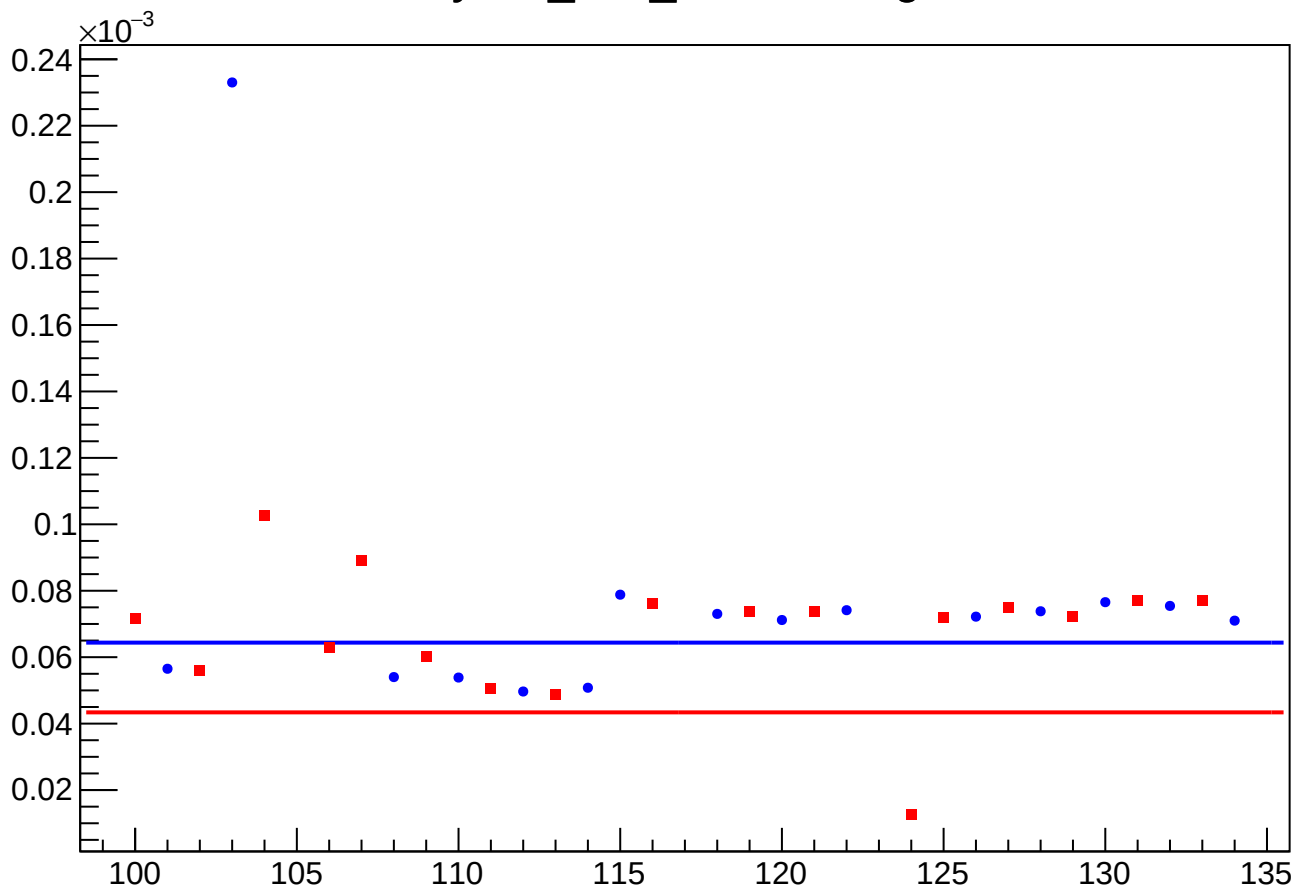
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 347947733094.3

- 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 : 3572887.2/16

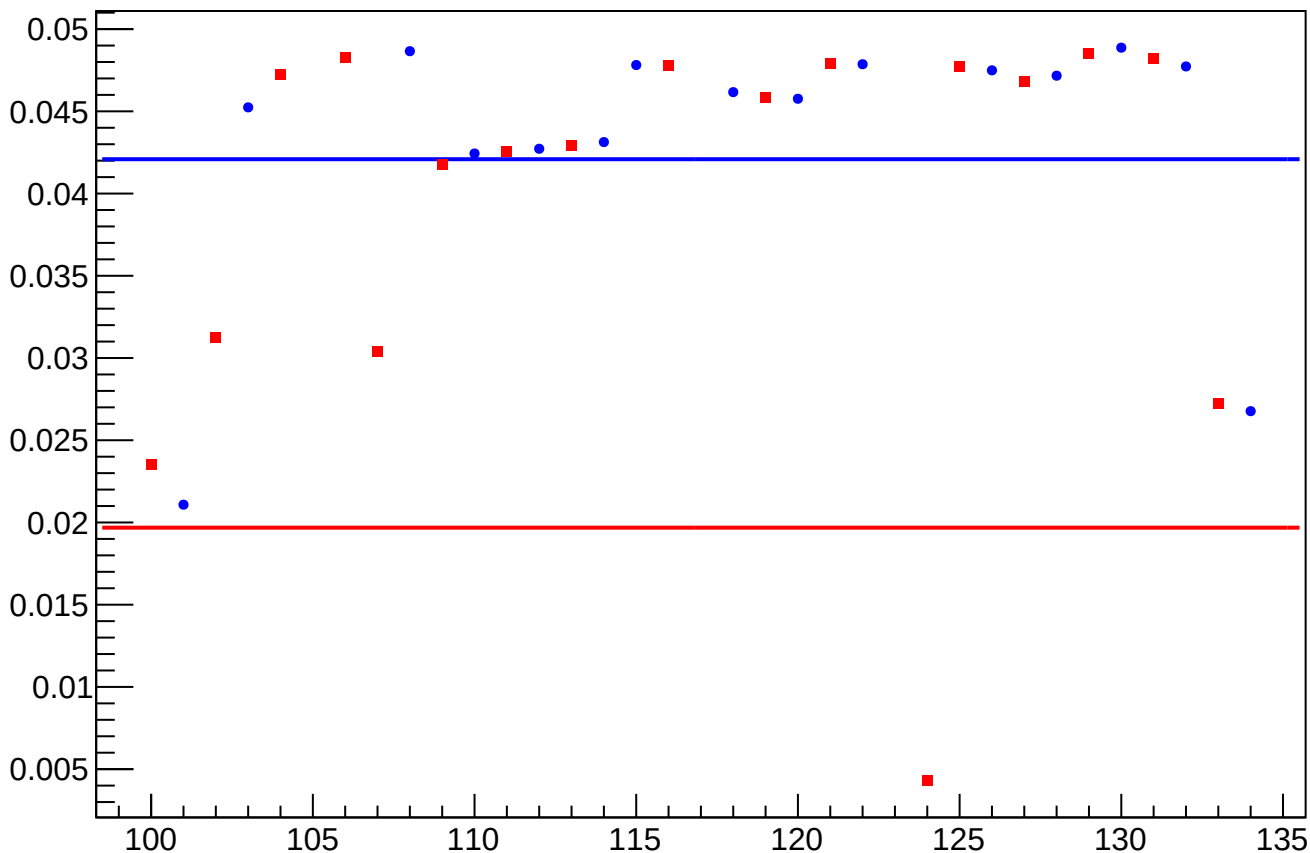
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5151630.7/31

- 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: 42006756446.1/16

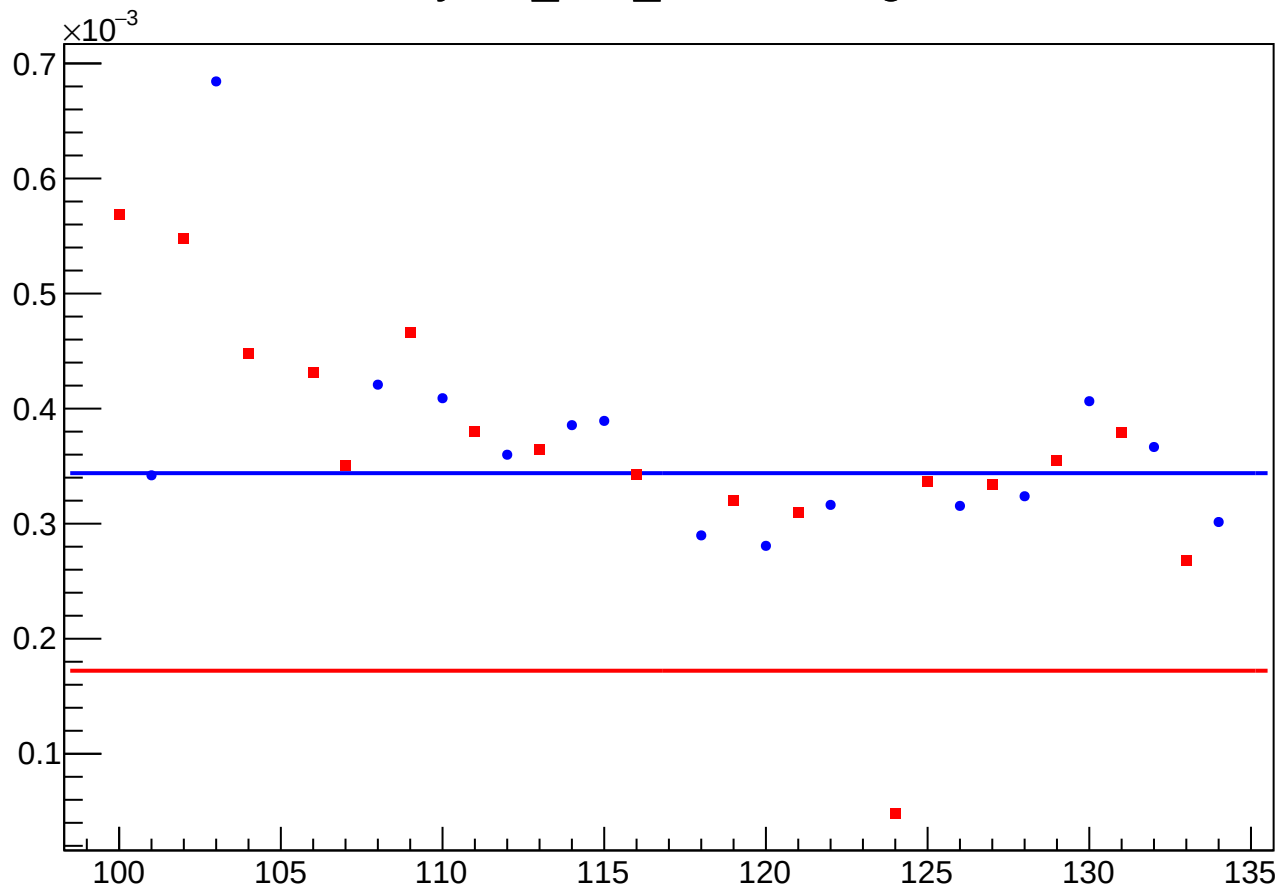
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.026 $\pm$ 0.000 χ^2 /NDF: 62596481865.2/3

- 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: 5528162.8/16

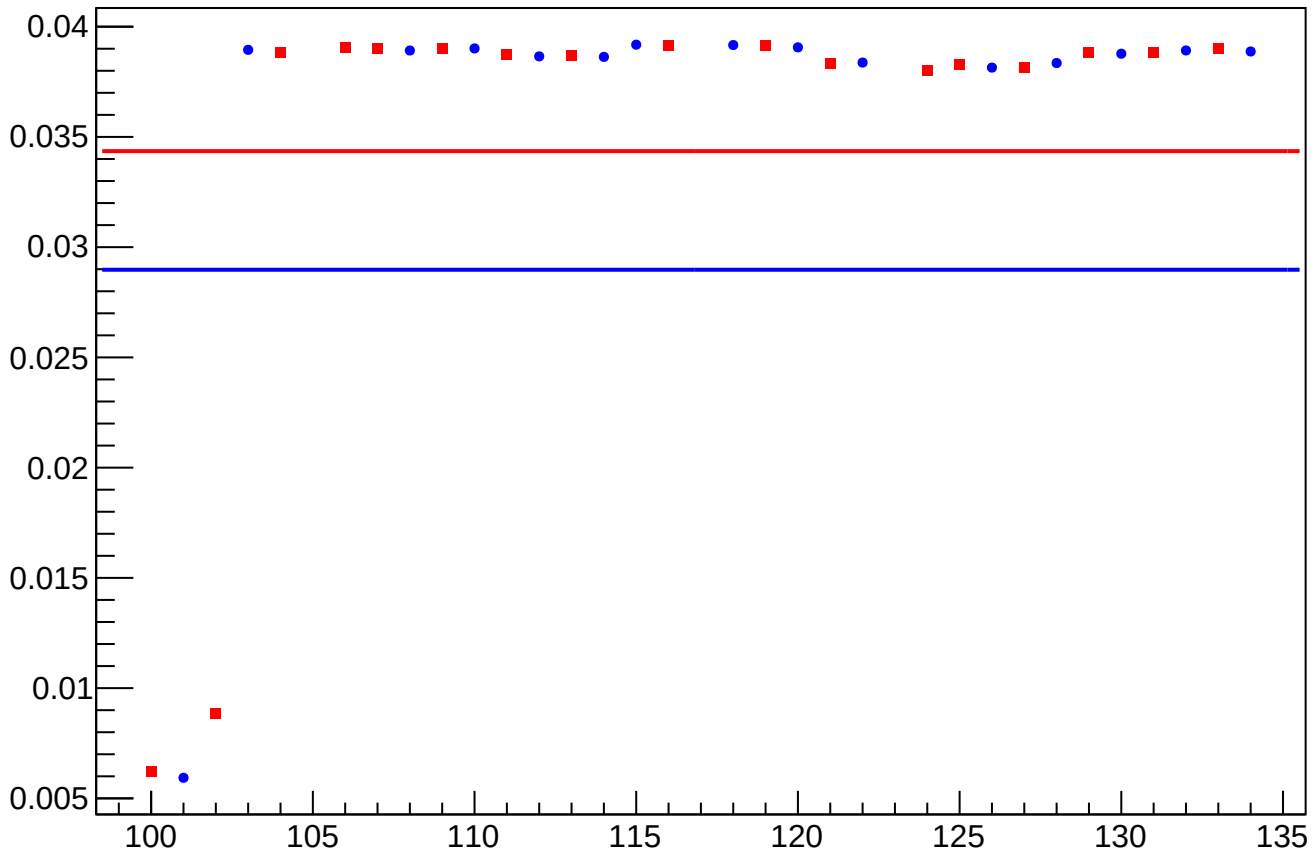
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 7925254.7/31

- 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: 0.034+/-0.000 χ^2/NDF : 46378016644.2/16

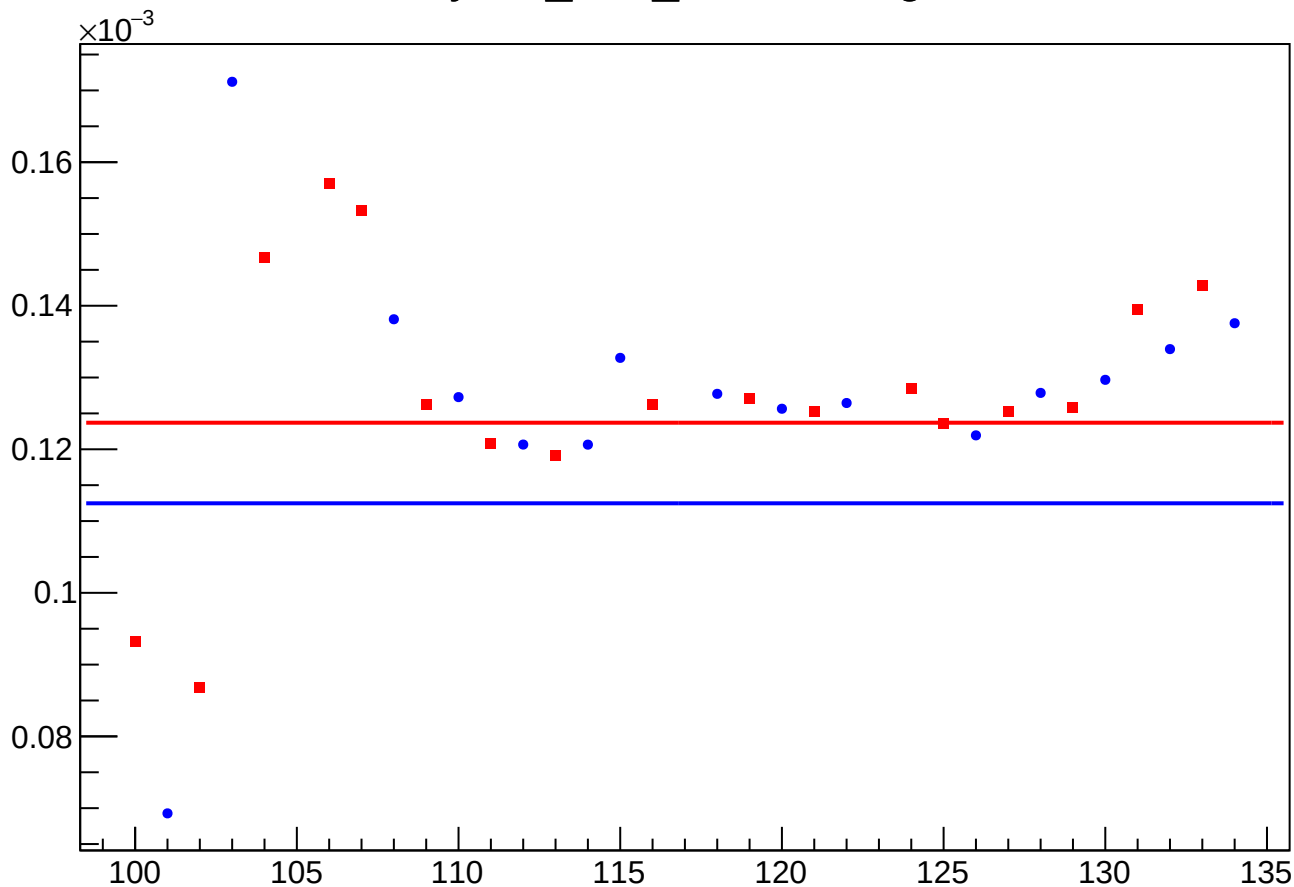
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.032+/-0.000 χ^2/NDF : 156098717483.2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atr1_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 815240.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 251467.7/16

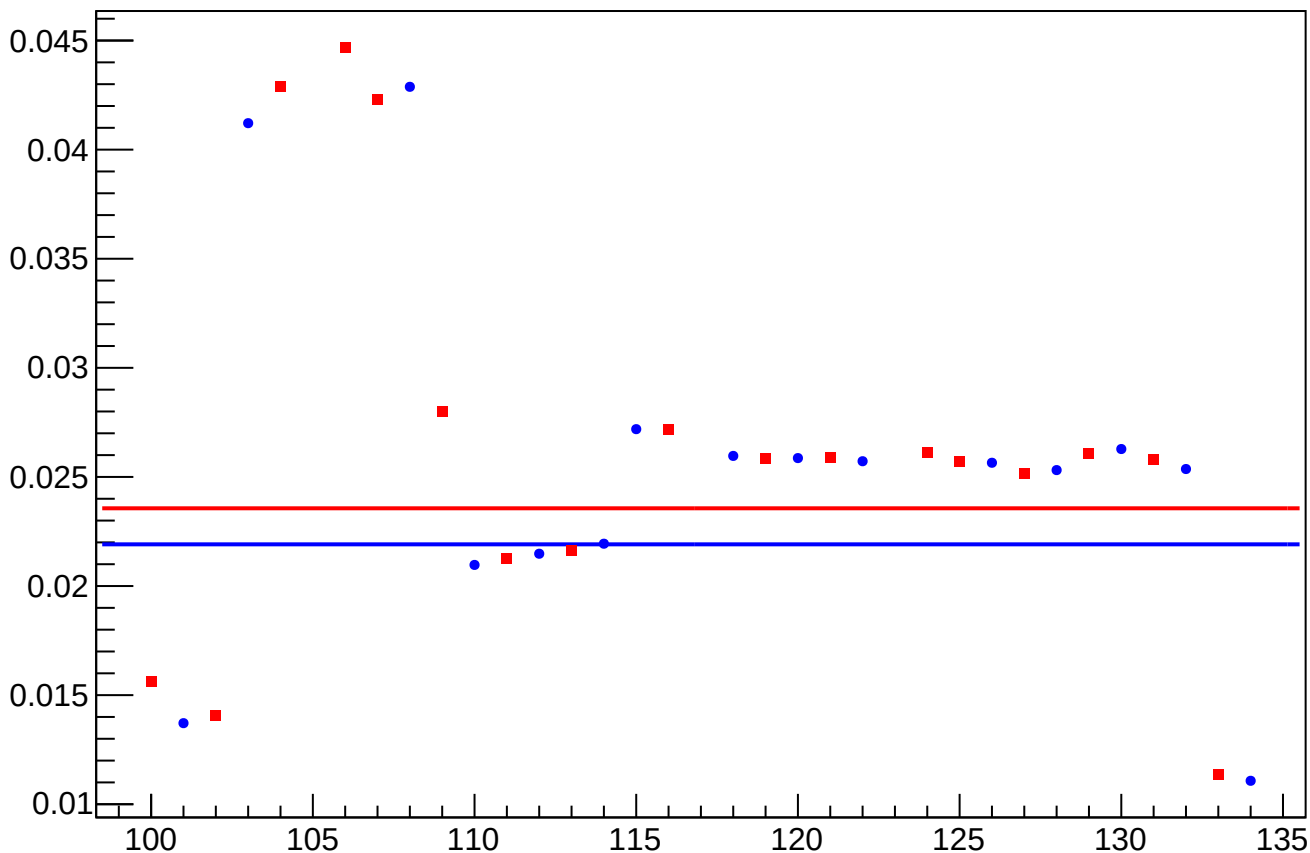
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1121153.9/31

- sign 0.000+/-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 : 5569665732.0/16

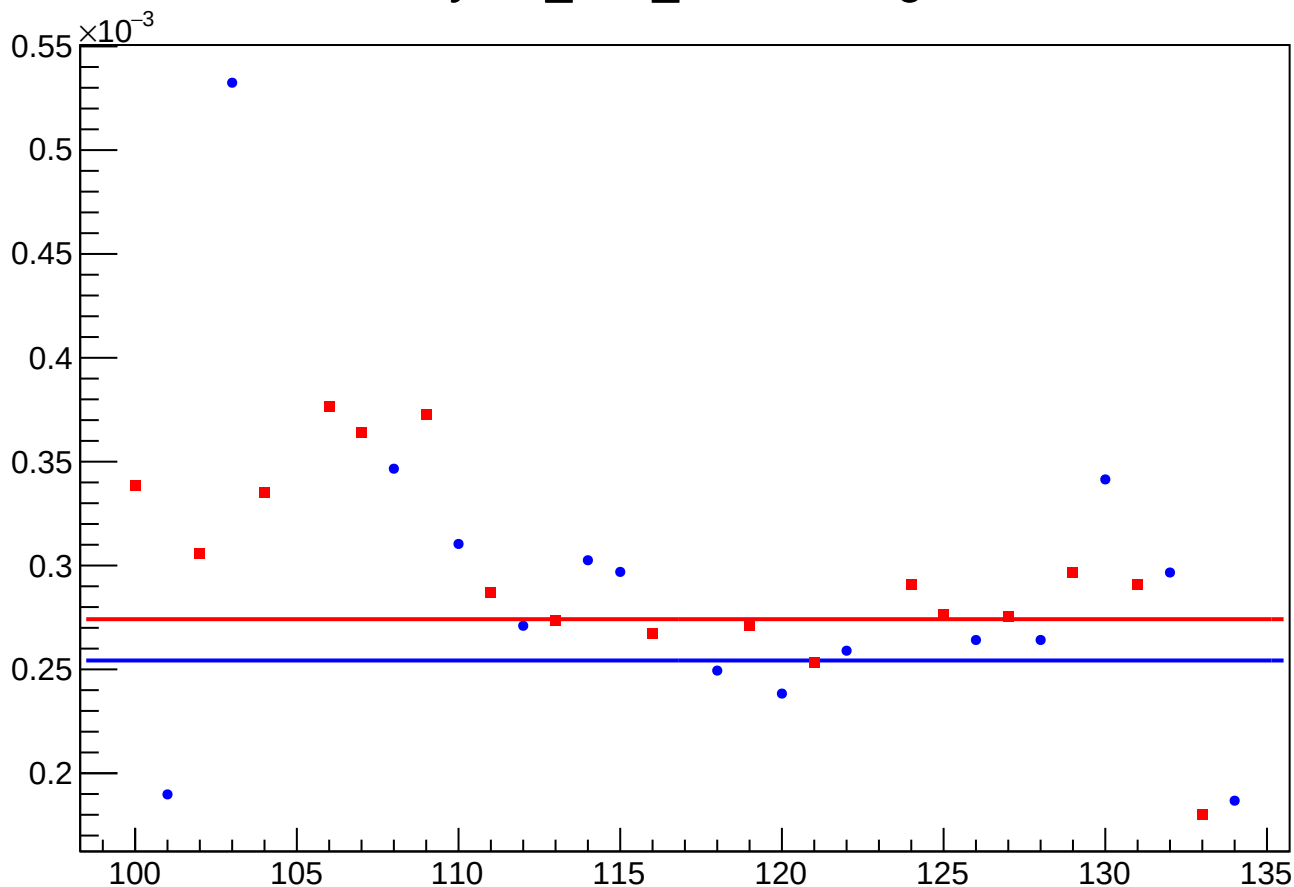
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.000 χ^2/NDF : 10601117687.1/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atr2_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 703729.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 418713.1/16

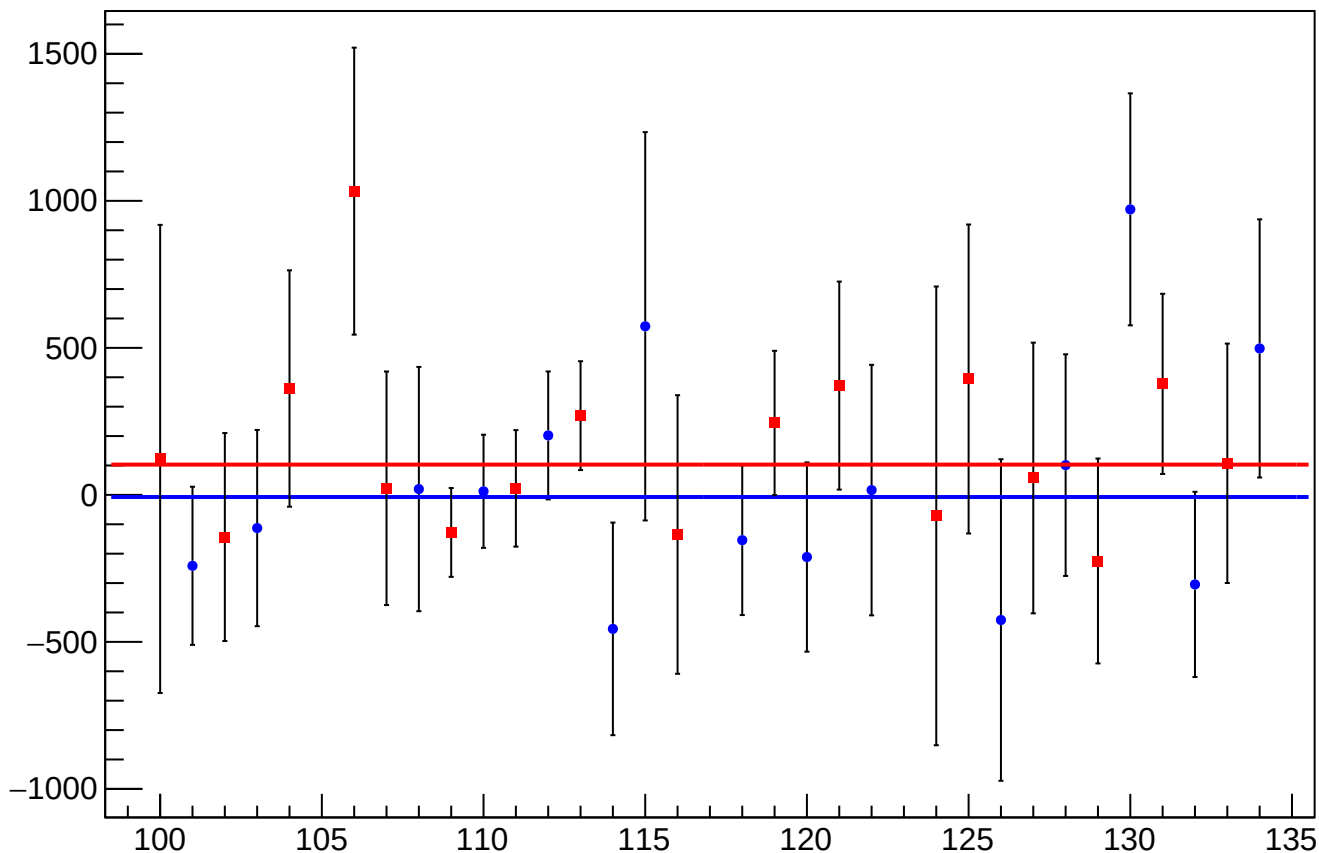
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1154303.8/31

- sign 0.000+/-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 χ^2/NDF : 13.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.902+/-72.794 χ^2/NDF : 11.1/16

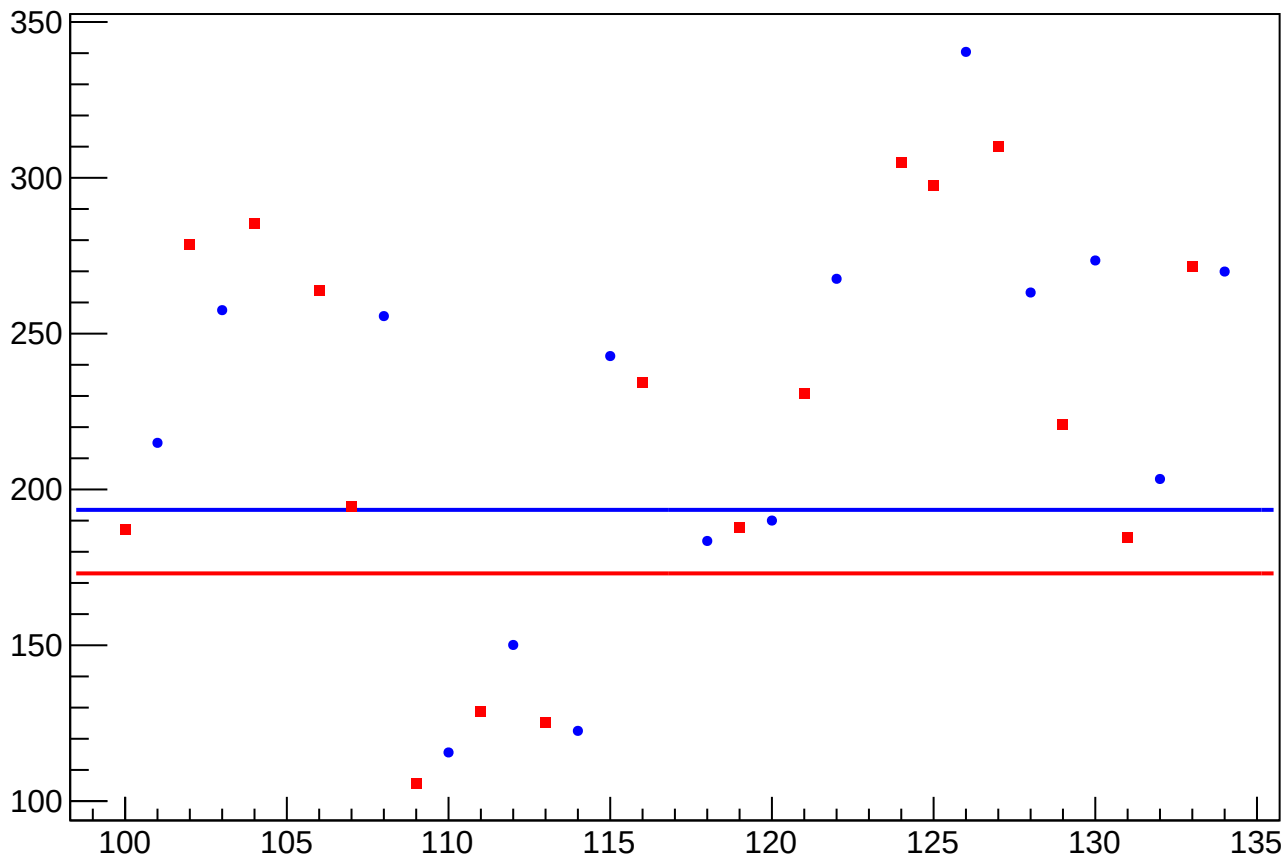
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.222+/-54.390 χ^2/NDF : 26.0/31

- sign 0.000+/-0.000 χ^2/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: 173.068+/-0.051 χ^2/NDF : 1640214.0/16

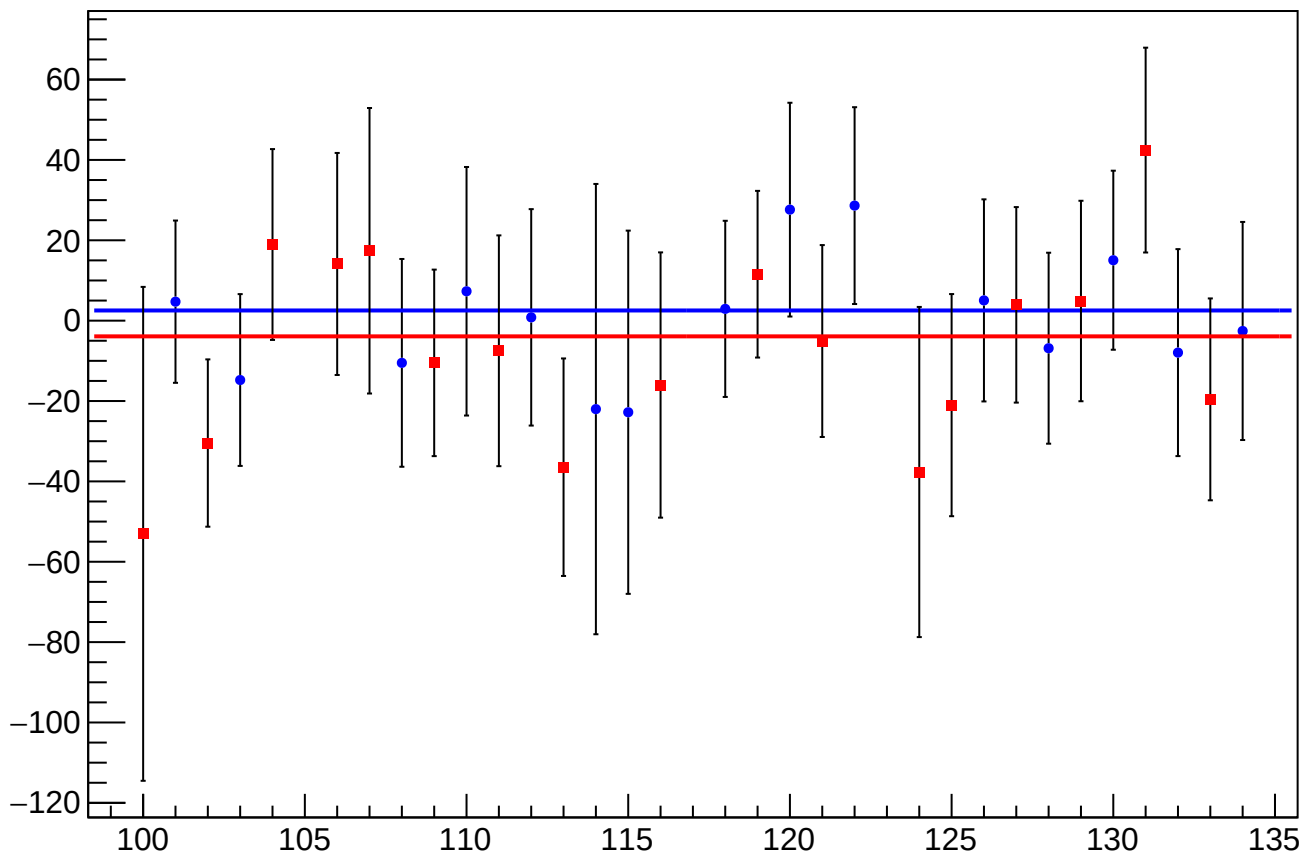
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.072+/-0.038 χ^2/NDF : 2757363.4/31

- 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: -3.908 $\pm$ 6.428 χ^2 /NDF: 11.2/16

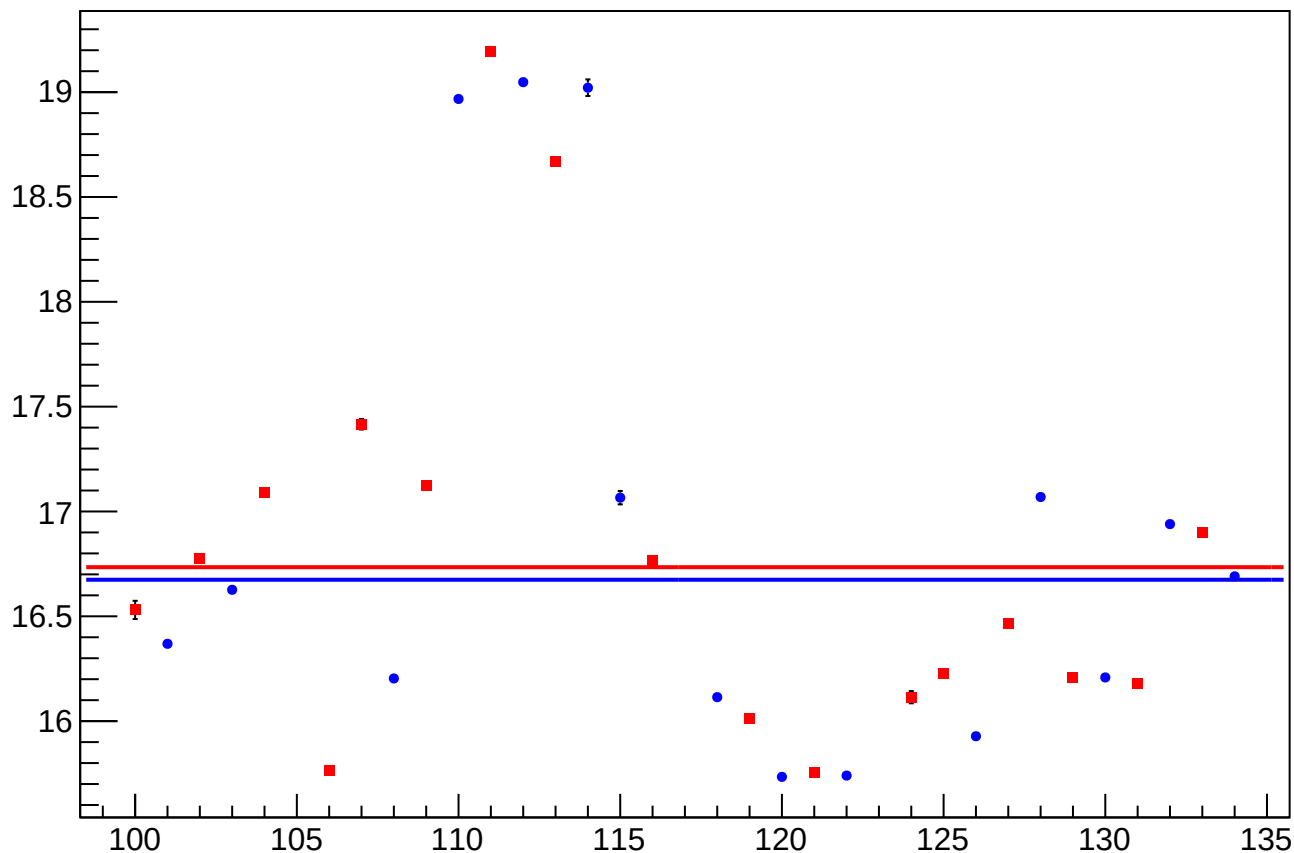
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.784 $\pm$ 4.614 χ^2 /NDF: 15.8/31

- 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: 16.734+/-0.005 χ^2/NDF : 38189.4/16

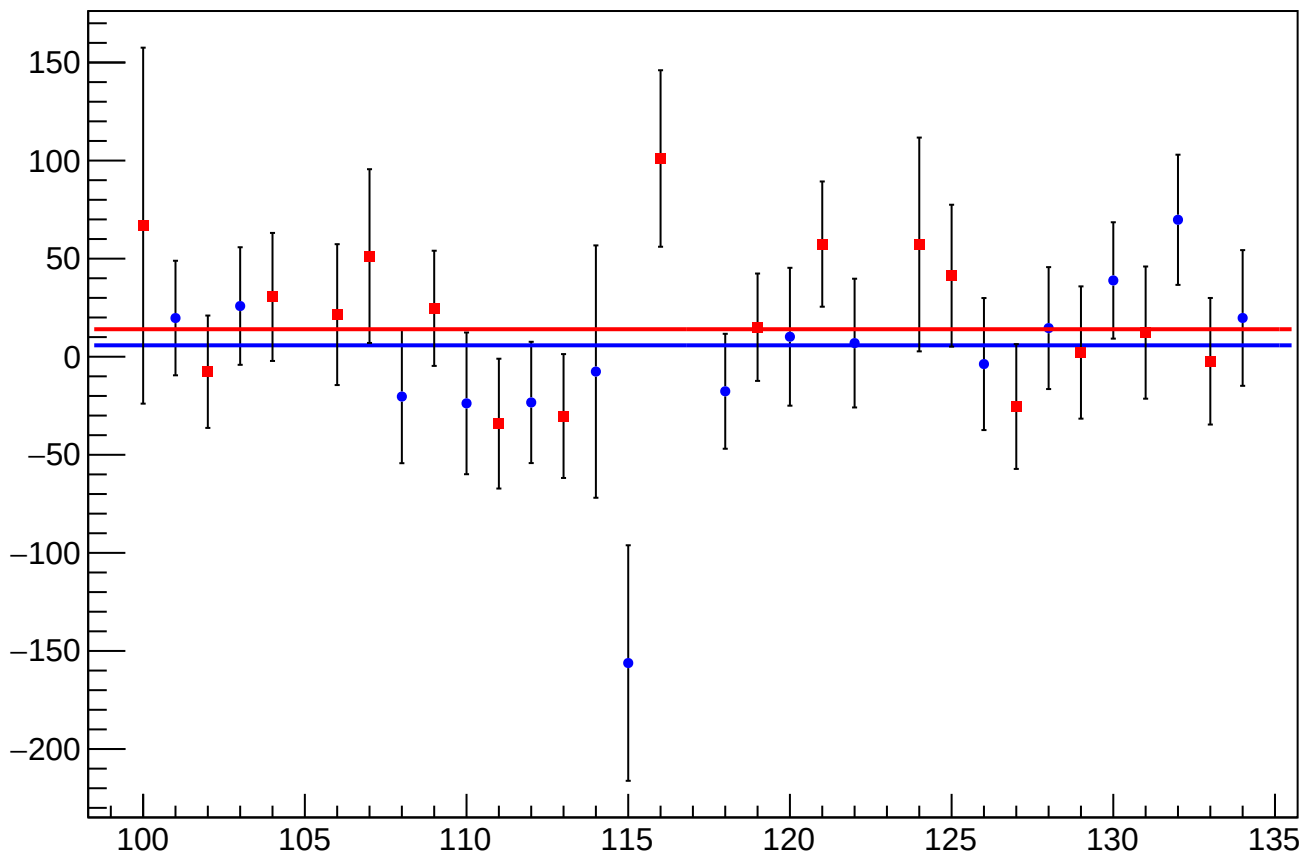
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.705+/-0.003 χ^2/NDF : 79706.4/31

- 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: 14.021 $\pm$ 8.374 χ^2 /NDF: 14.8/16

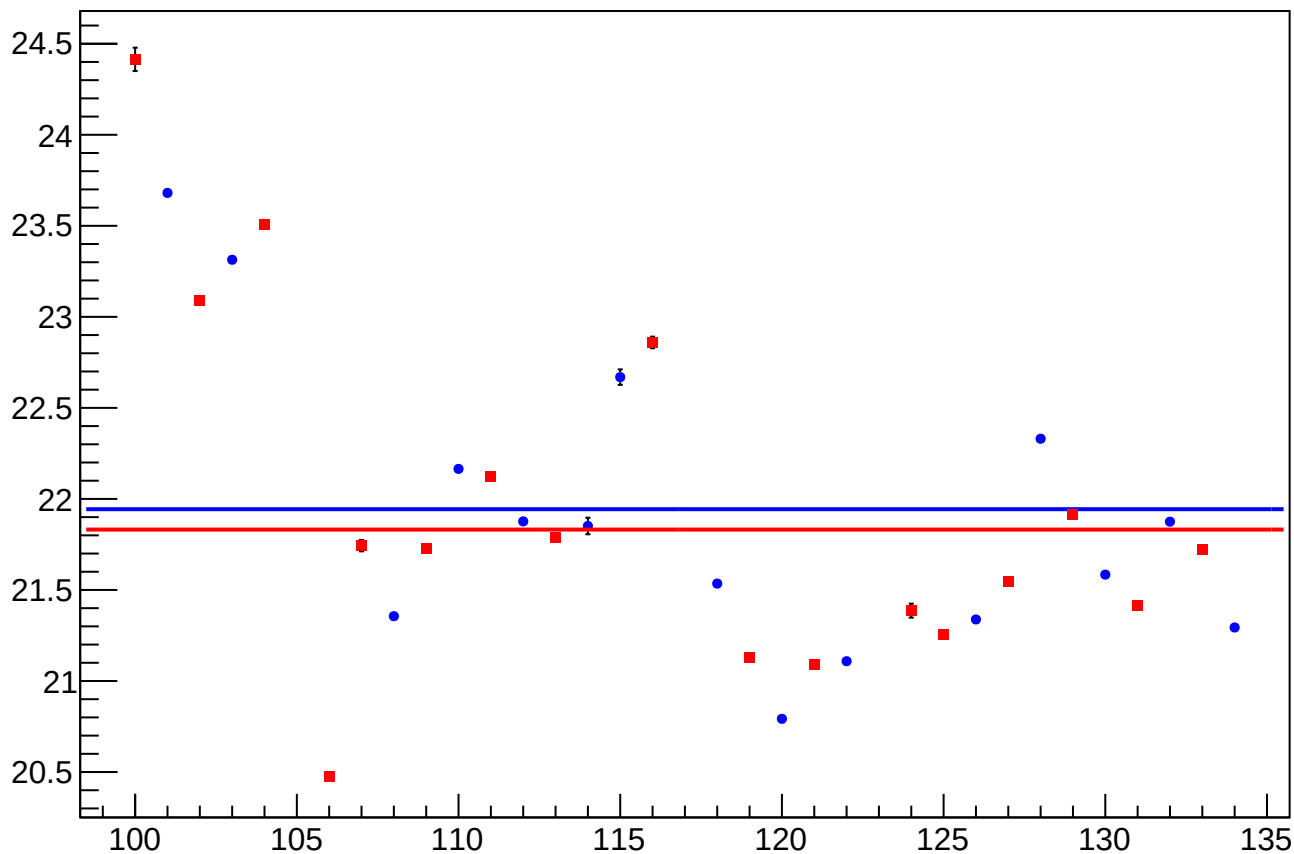
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.077 $\pm$ 6.036 χ^2 /NDF: 31.4/31

- 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: 21.832+/-0.006 χ^2/NDF : 18390.1/16

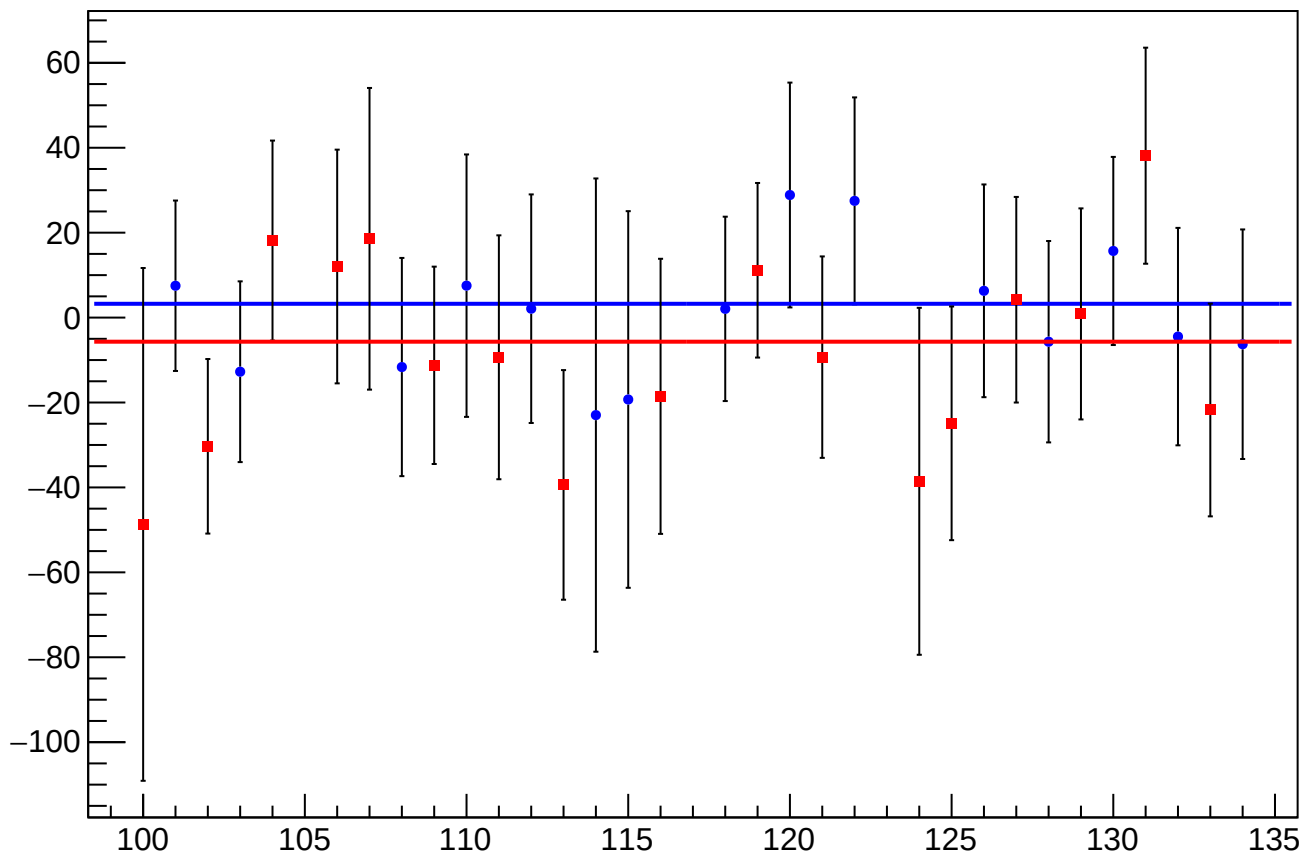
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.885+/-0.004 χ^2/NDF : 36592.3/31

- 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 $\pm$ 6.594 χ^2 /NDF: 4.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -5.678 $\pm$ 6.393 χ^2 /NDF: 11.1/16

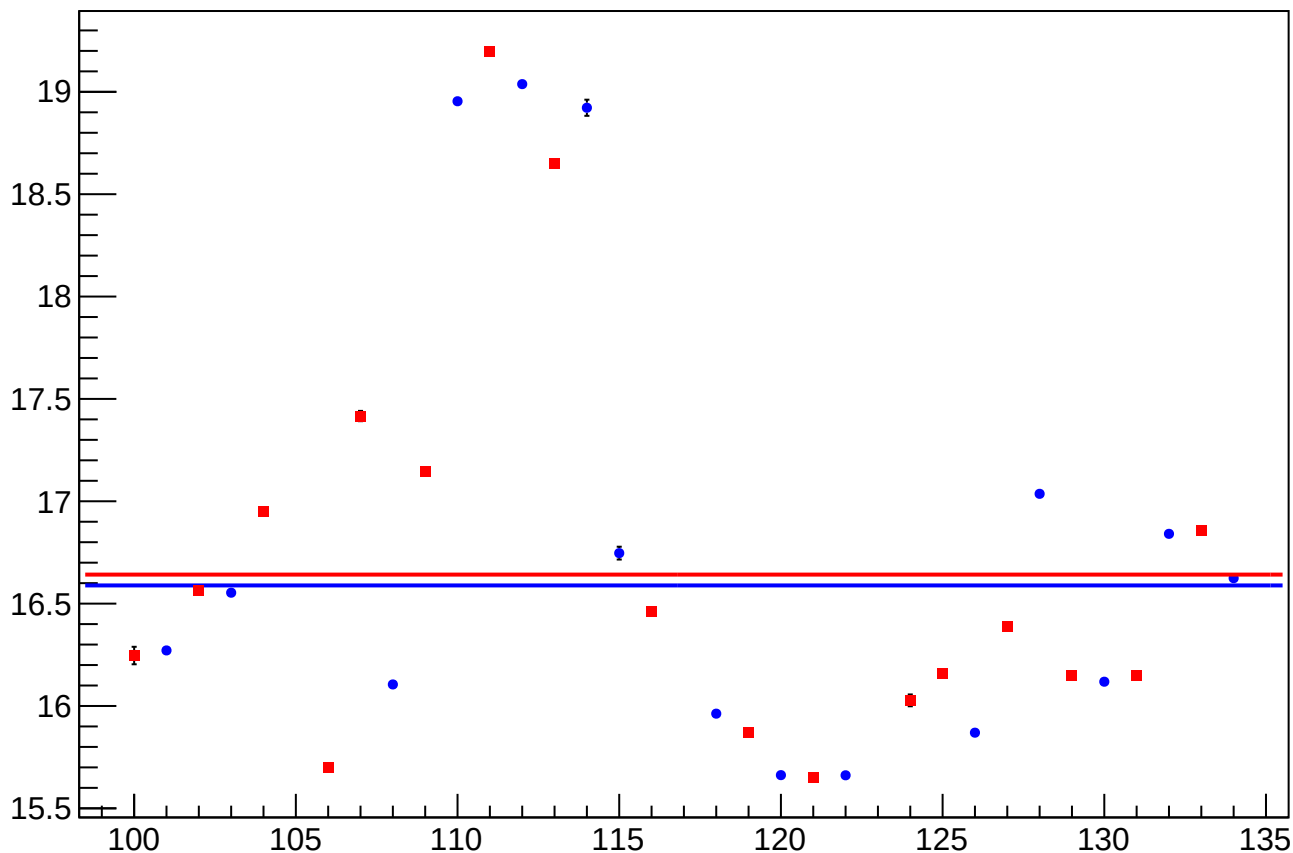
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.352 $\pm$ 4.590 χ^2 /NDF: 16.1/31

- sign 0.000 $\pm$ 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: 16.642+/-0.005 χ^2/NDF : 40869.1/16

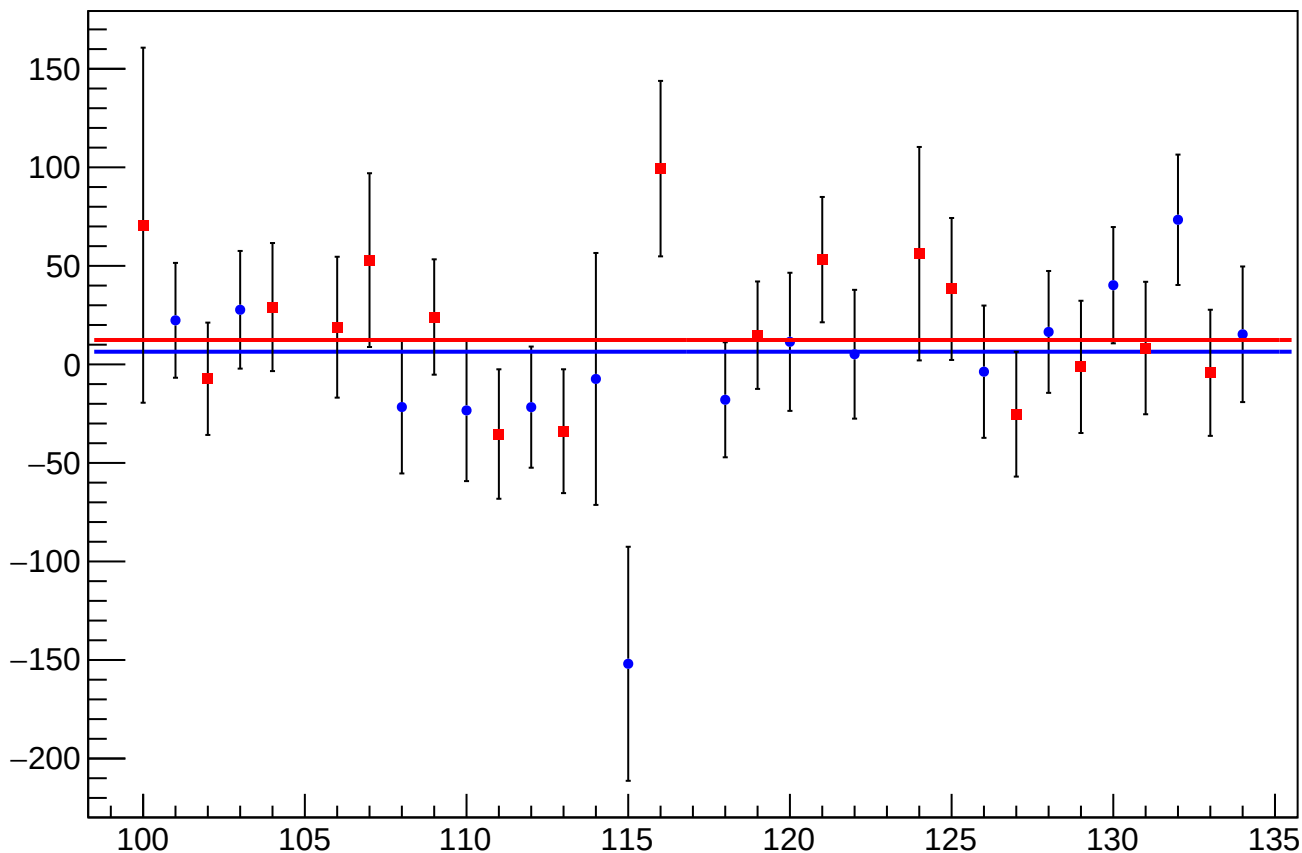
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.616+/-0.003 χ^2/NDF : 84420.4/31

- 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 $\pm$ 8.669 χ^2 /NDF: 16.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 12.384 $\pm$ 8.333 χ^2 /NDF: 15.0/16

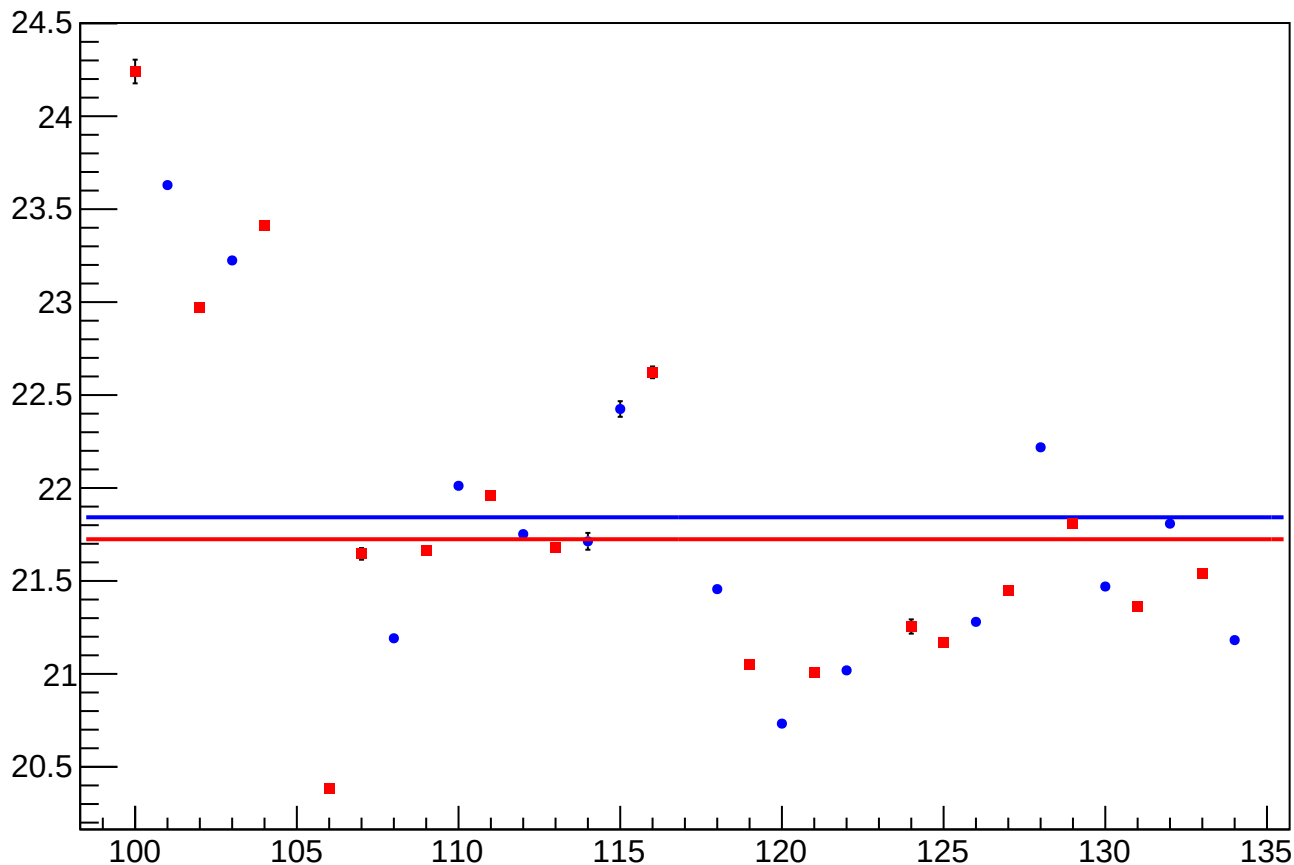
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.525 $\pm$ 6.007 χ^2 /NDF: 31.8/31

- sign 0.000 $\pm$ 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: 21.724+/-0.006 χ^2/NDF : 17869.5/16

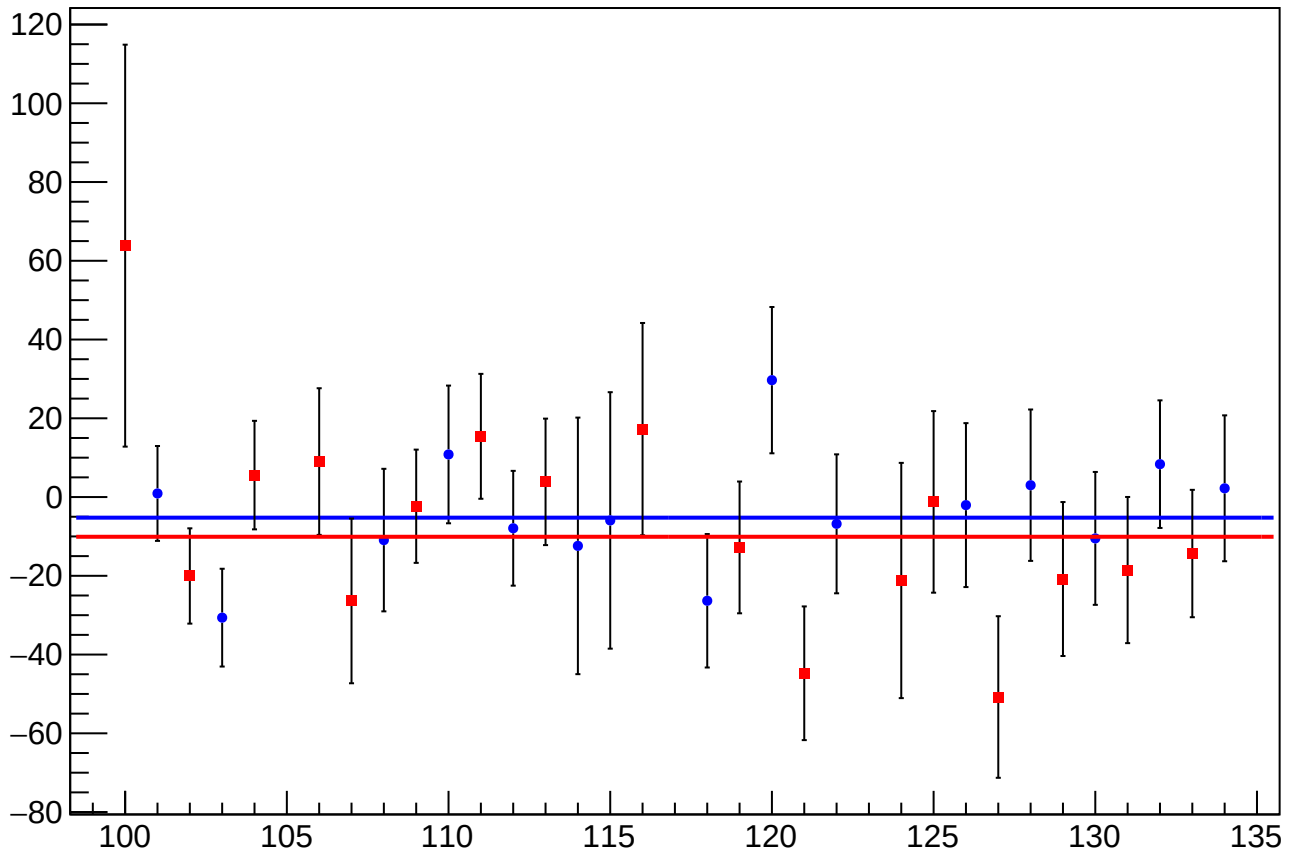
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.781+/-0.004 χ^2/NDF : 36418.8/31

- 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 $\pm$ 4.422 χ^2 /NDF: 11.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -10.086 $\pm$ 4.324 χ^2 /NDF: 19.4/16

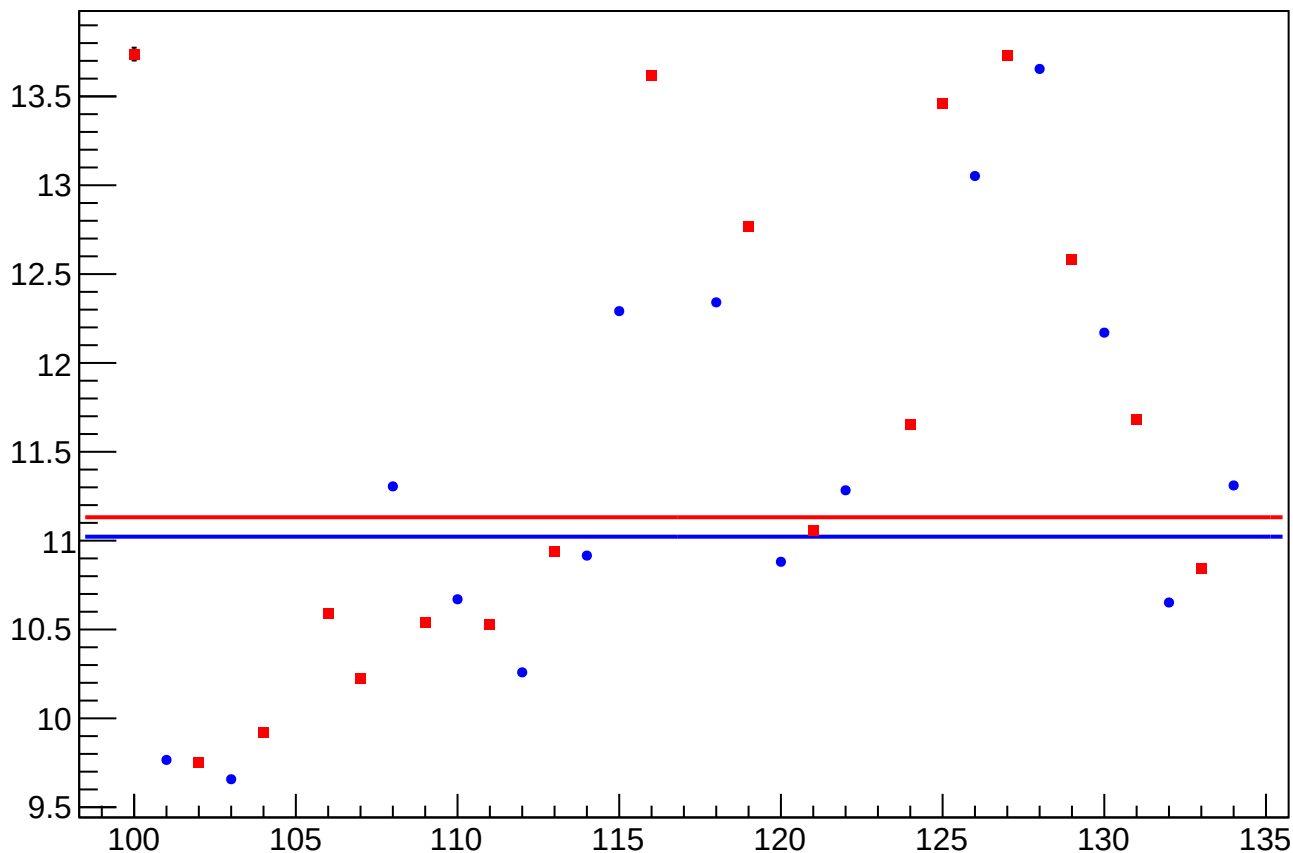
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -7.714 $\pm$ 3.092 χ^2 /NDF: 31.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 11.022+/-0.003 χ^2/NDF : 135724.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.132+/-0.003 χ^2/NDF : 161350.8/16

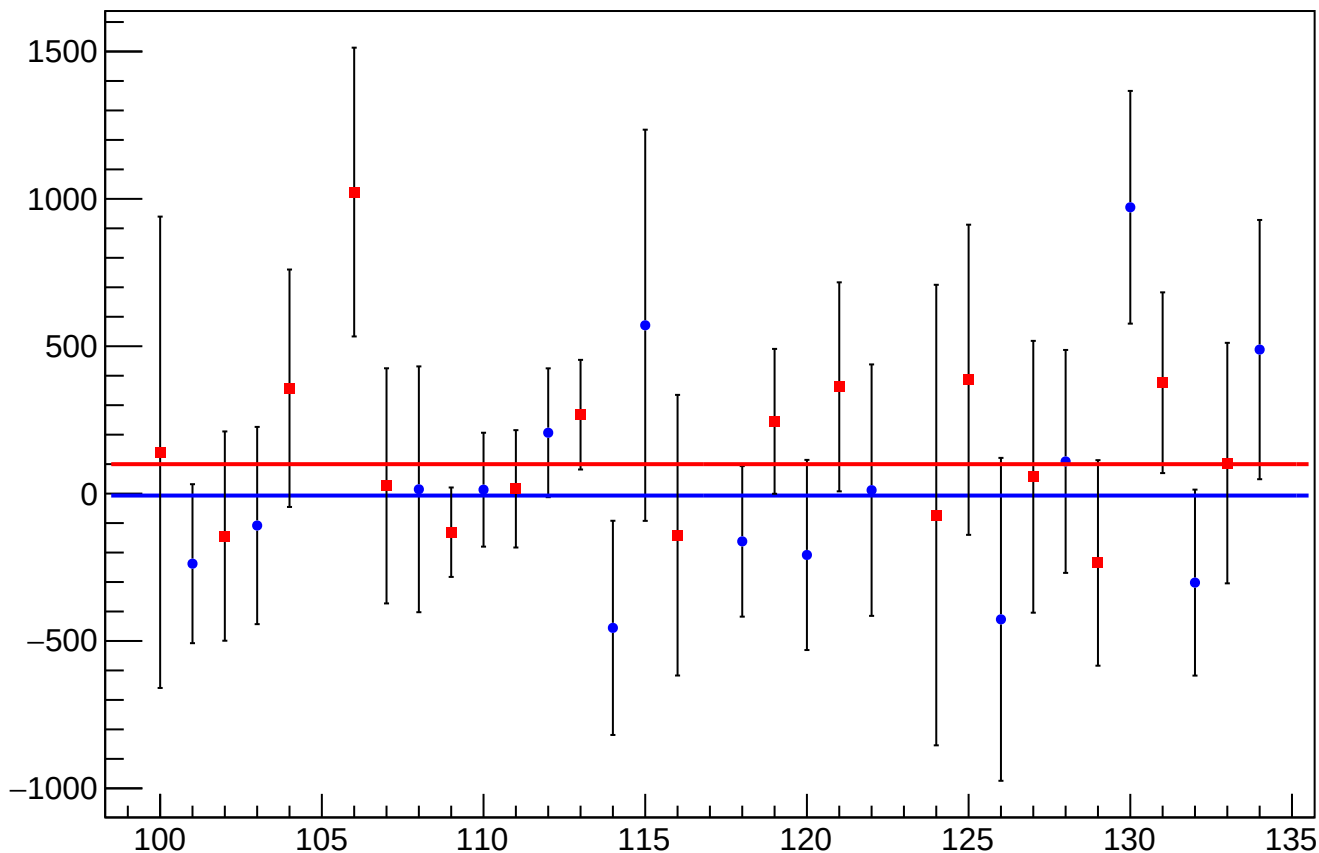
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.078+/-0.002 χ^2/NDF : 297699.8/31

- sign 0.000+/-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: 99.886+/-73.042 χ^2/NDF : 11.0/16

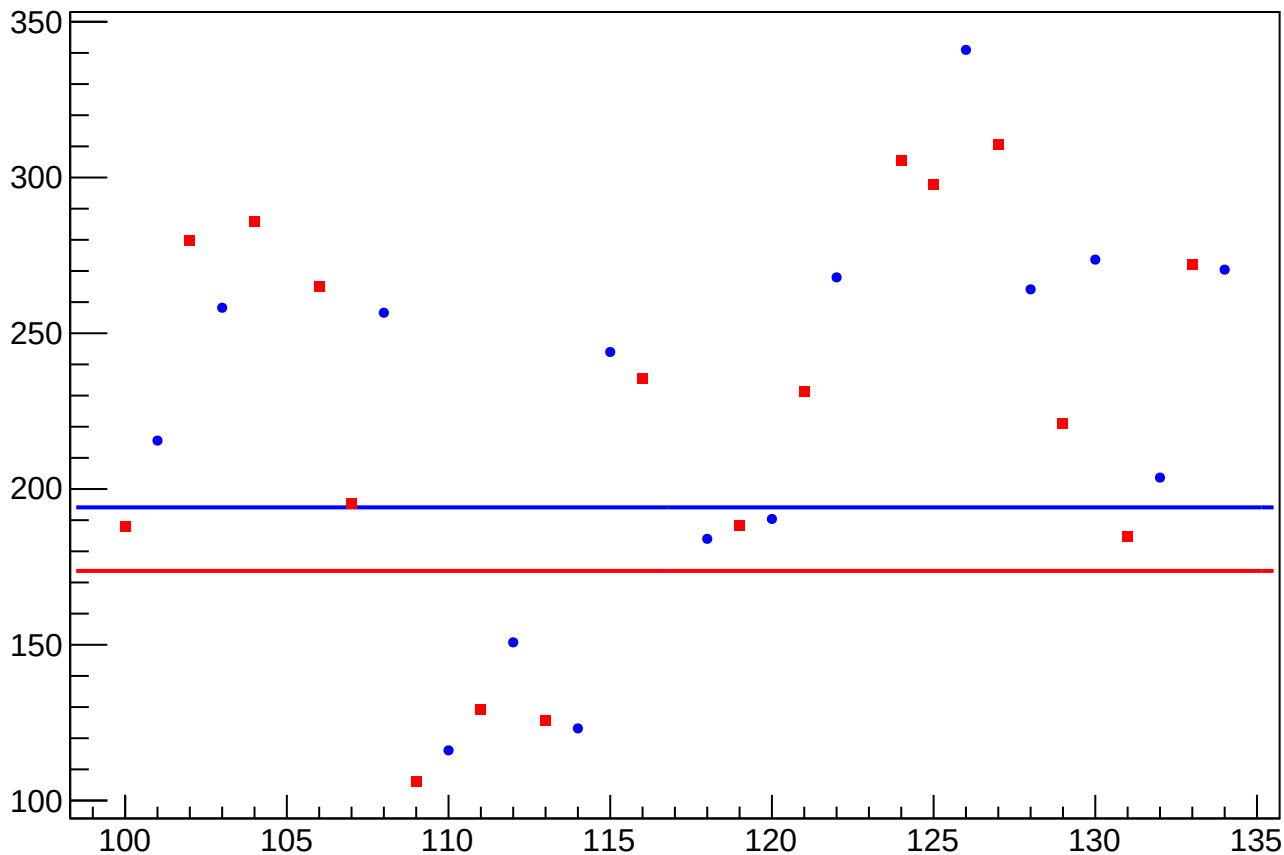
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.832+/-54.569 χ^2/NDF : 25.8/31

- 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: 173.714 $\pm$ 0.052 χ^2 /NDF: 1632634.2/16

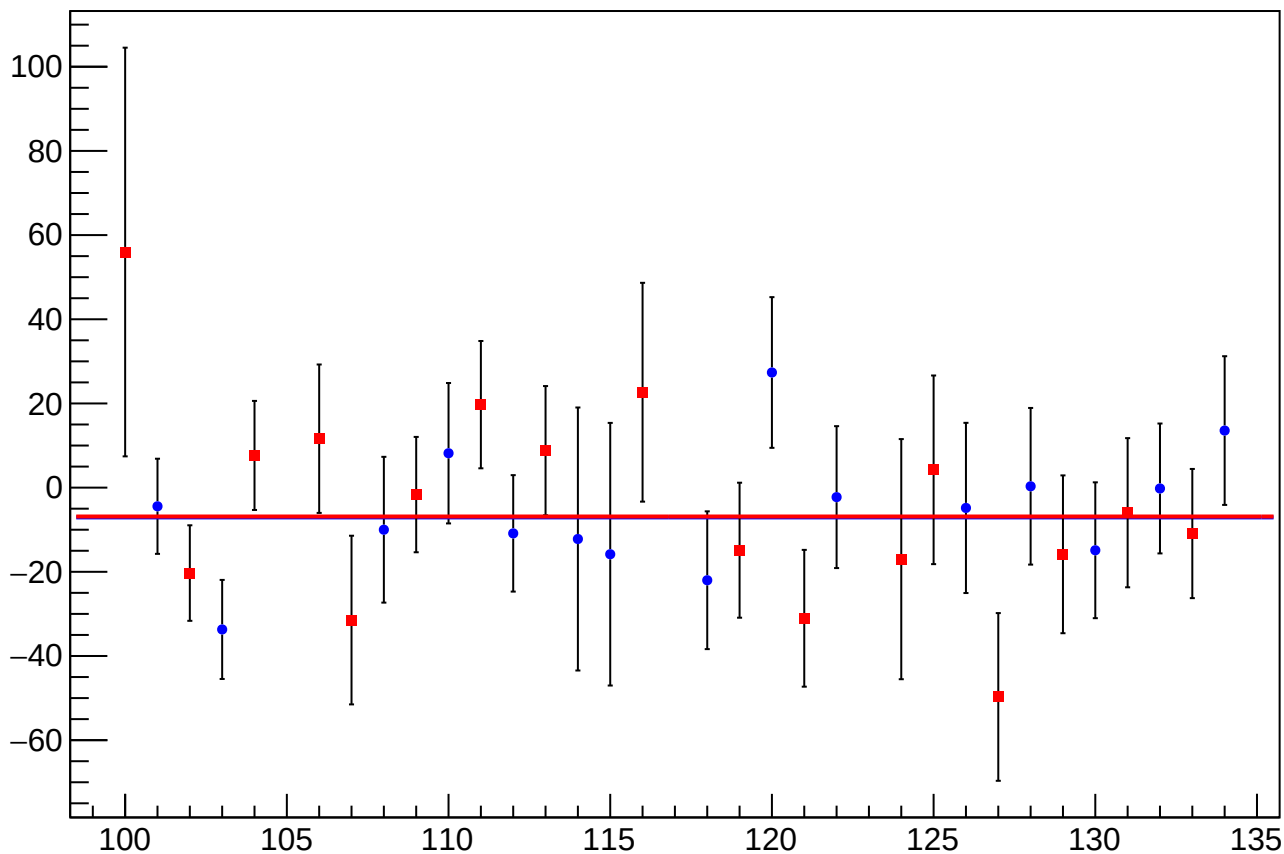
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 182.728 $\pm$ 0.039 χ^2 /NDF: 2743439.1/31

- 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: -6.860 $\pm$ 4.118 χ^2 /NDF: 20.3/16

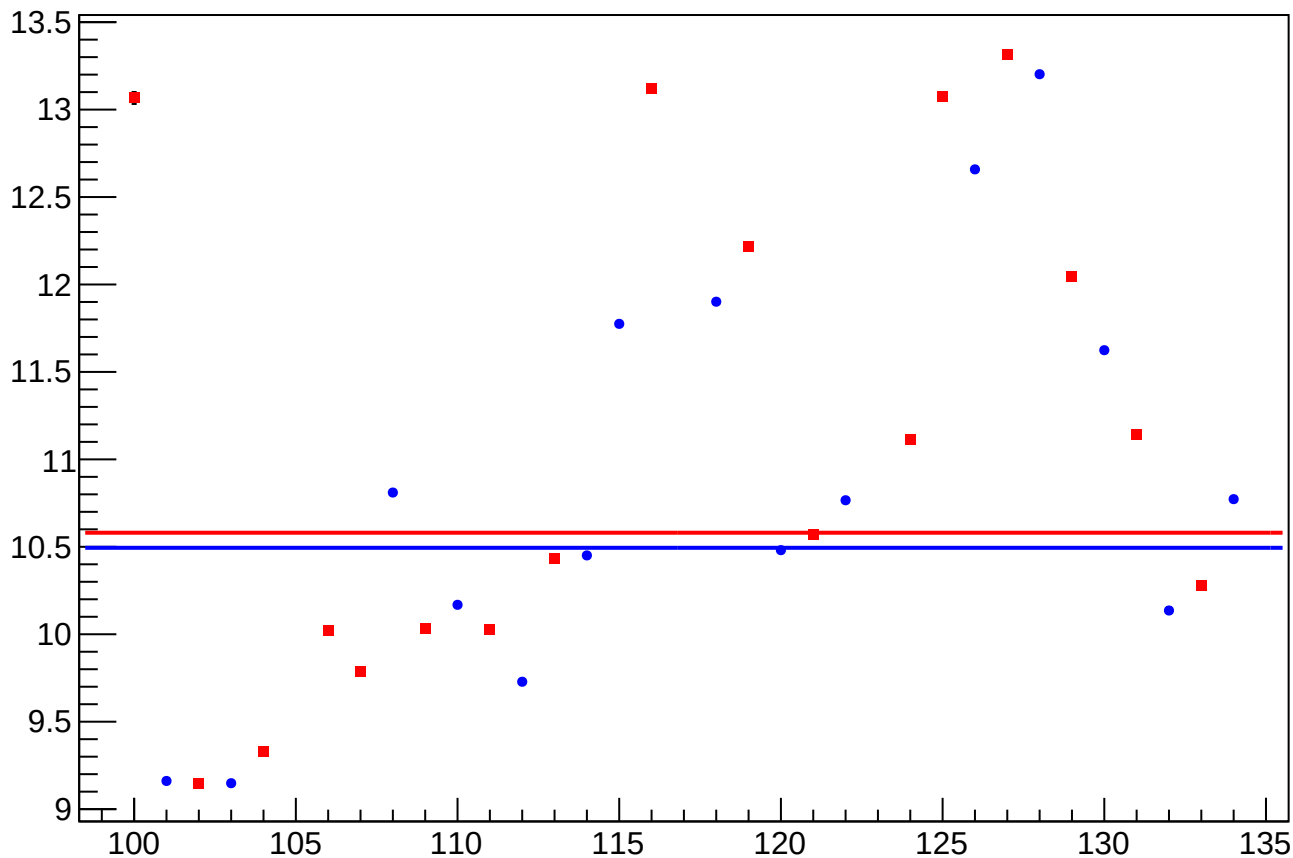
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.964 $\pm$ 2.947 χ^2 /NDF: 33.1/31

- 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: 10.581+/-0.003 χ^2/NDF : 185124.3/16

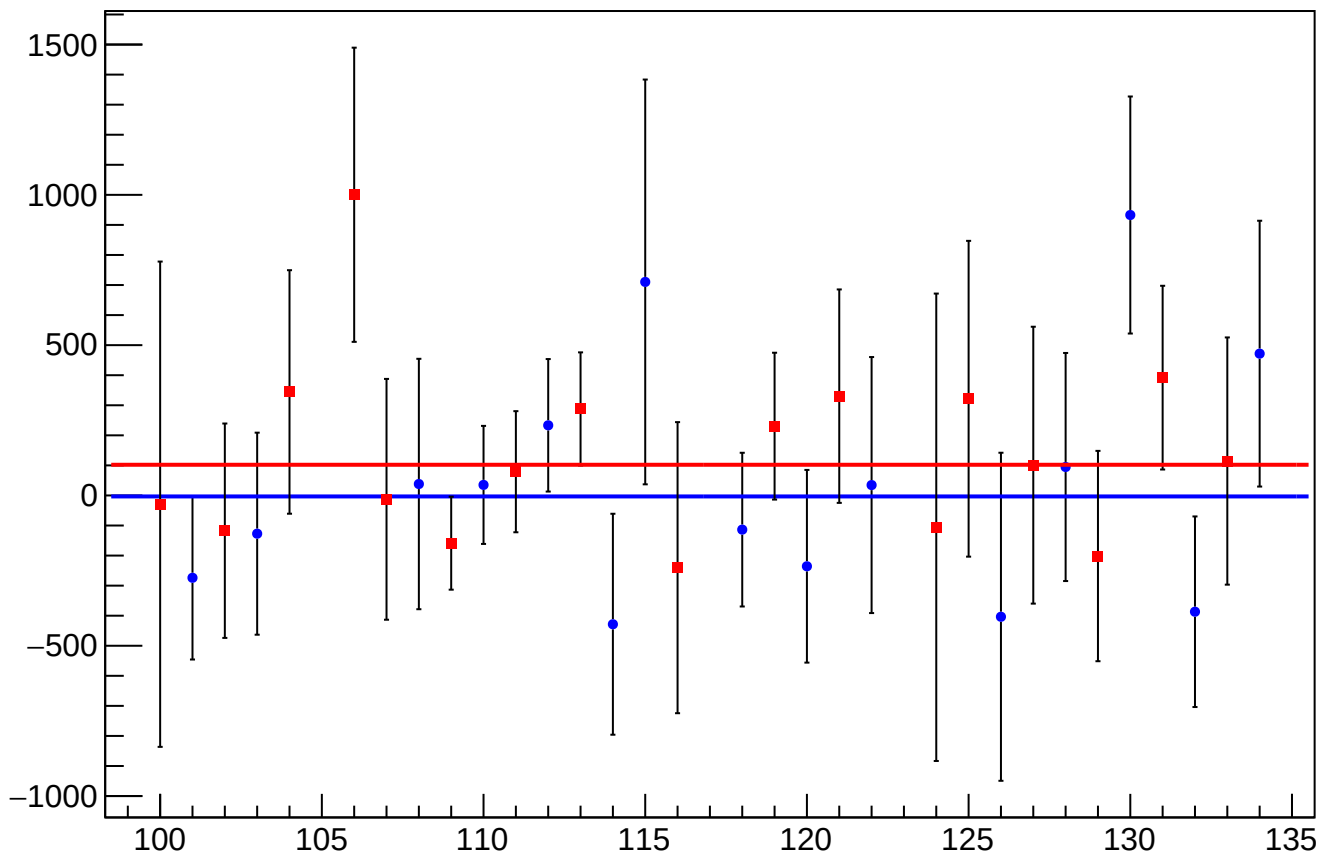
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.538+/-0.002 χ^2/NDF : 342420.2/31

- 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: 102.083+/-73.659 χ^2/NDF : 11.1/16

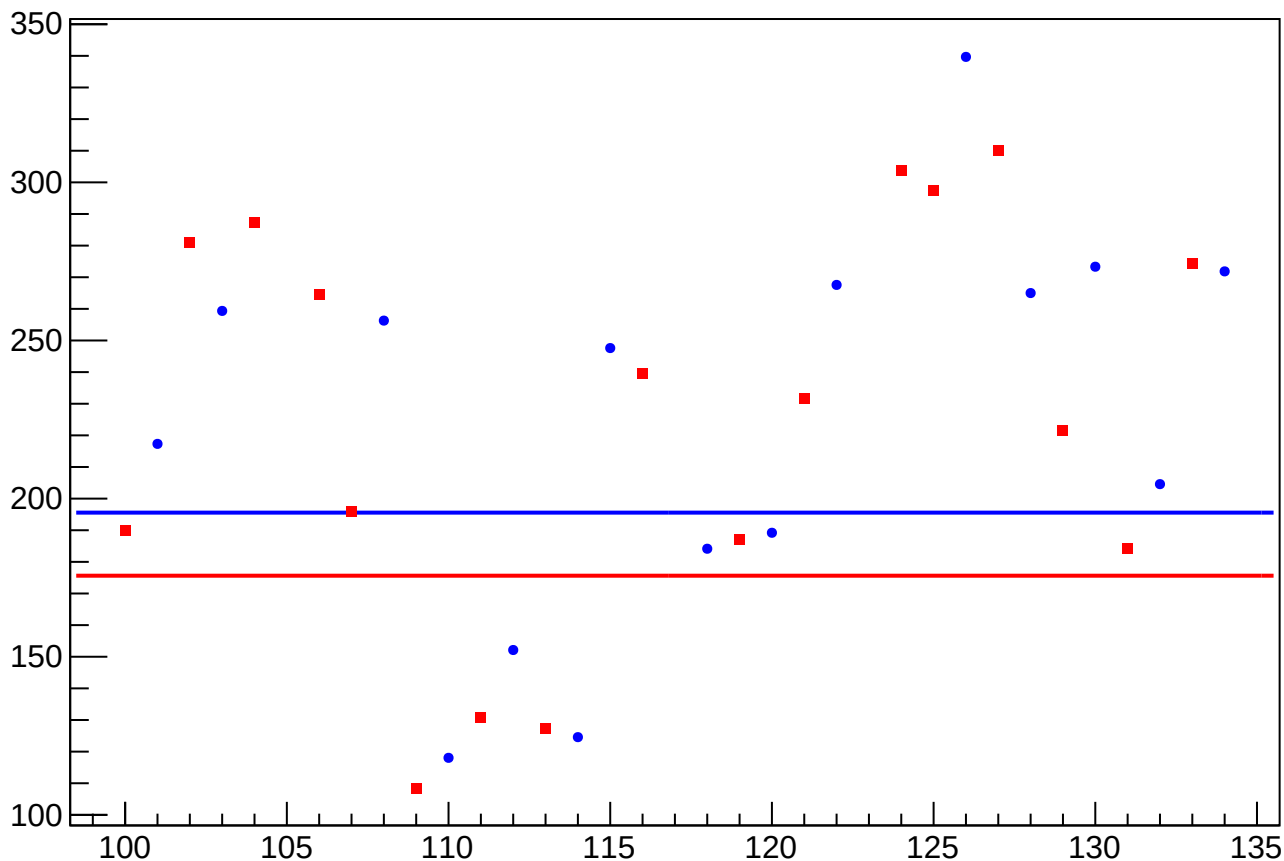
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.405+/-54.969 χ^2/NDF : 26.4/31

- 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: 175.627+/-0.052 χ^2/NDF : 1581690.1/16

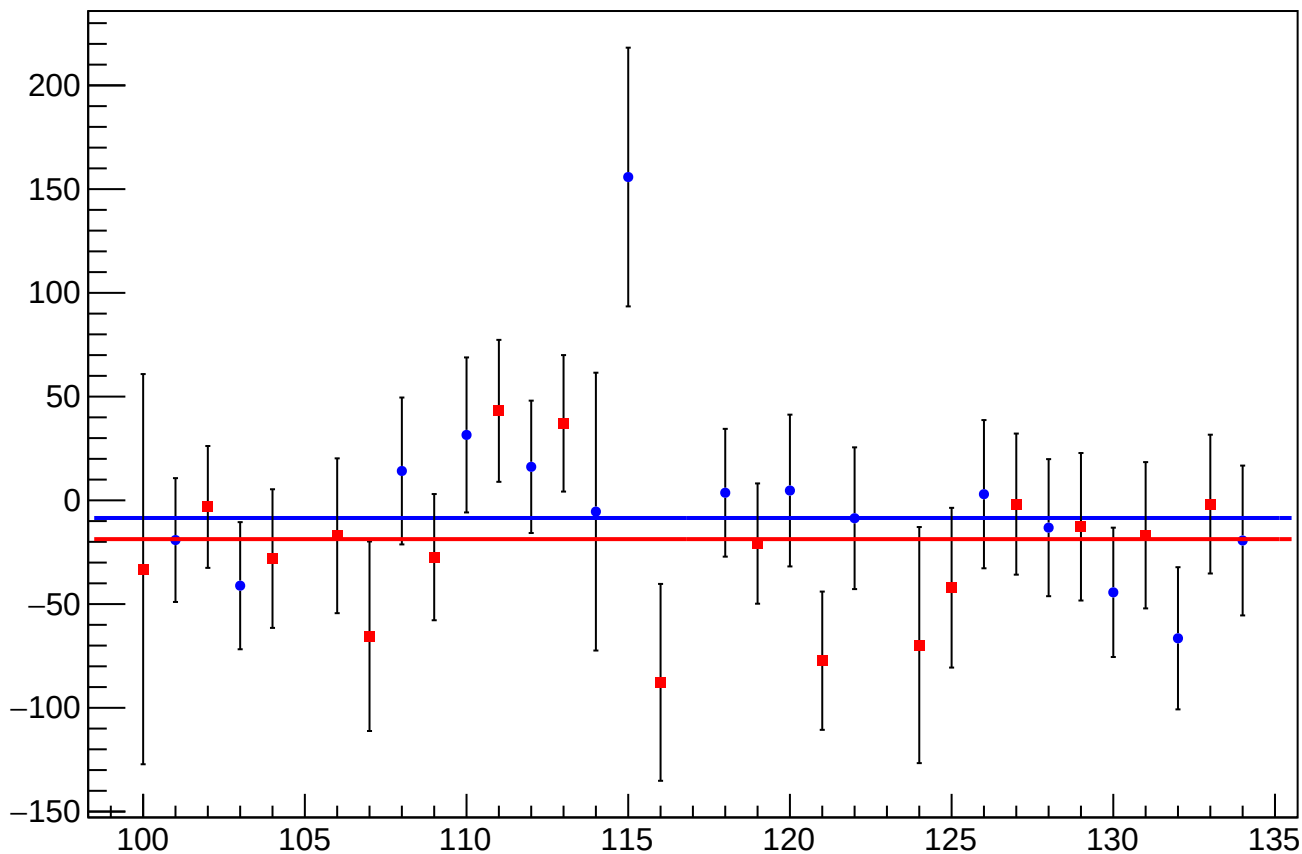
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.464+/-0.039 χ^2/NDF : 2657428.7/31

- 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: -18.689+/-8.737 χ^2/NDF : 14.6/16

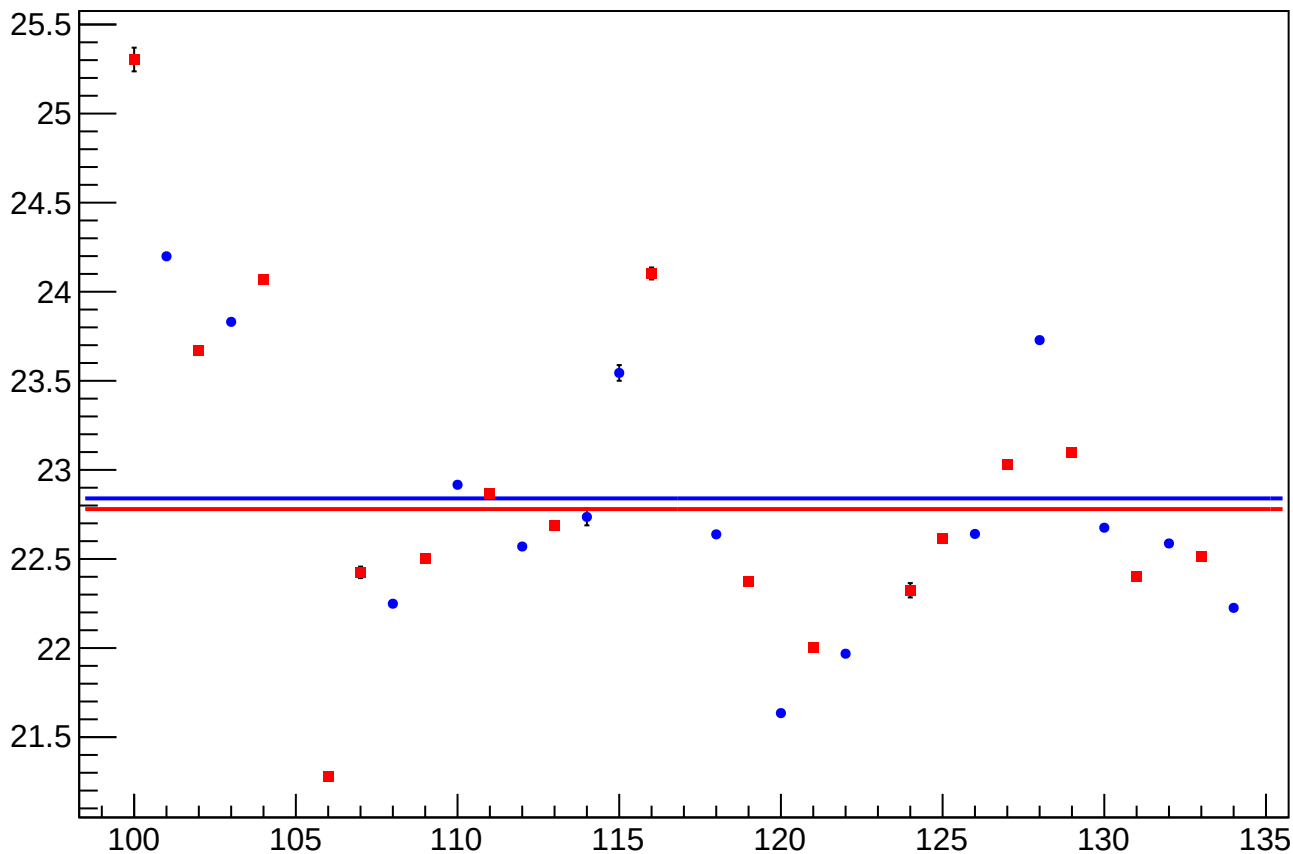
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.783+/-6.290 χ^2/NDF : 30.3/31

- 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: 22.780 $\pm$ 0.006 χ^2 /NDF: 13603.7/16

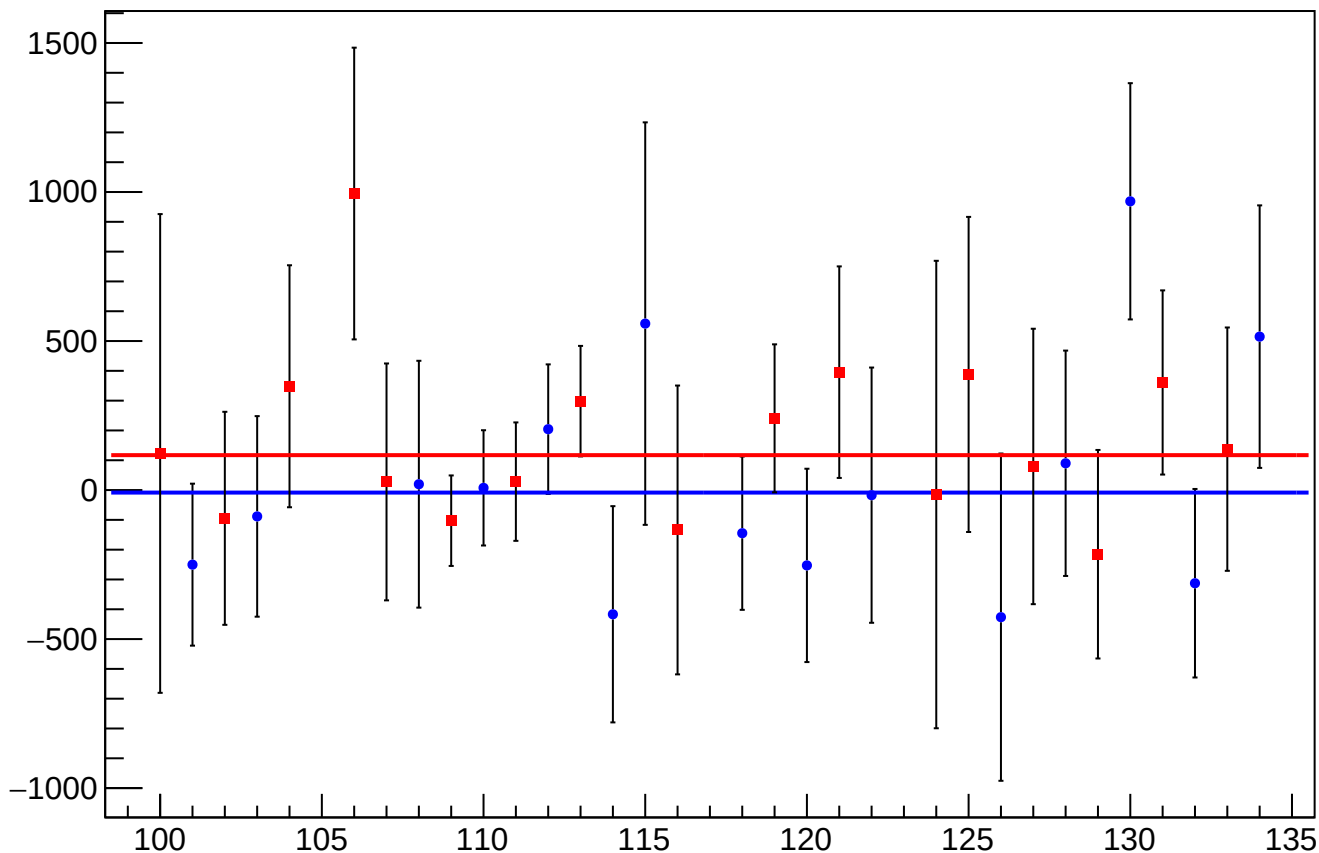
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.809 $\pm$ 0.004 χ^2 /NDF: 26671.4/31

- 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: 117.141+/-73.185 χ^2/NDF : 10.2/16

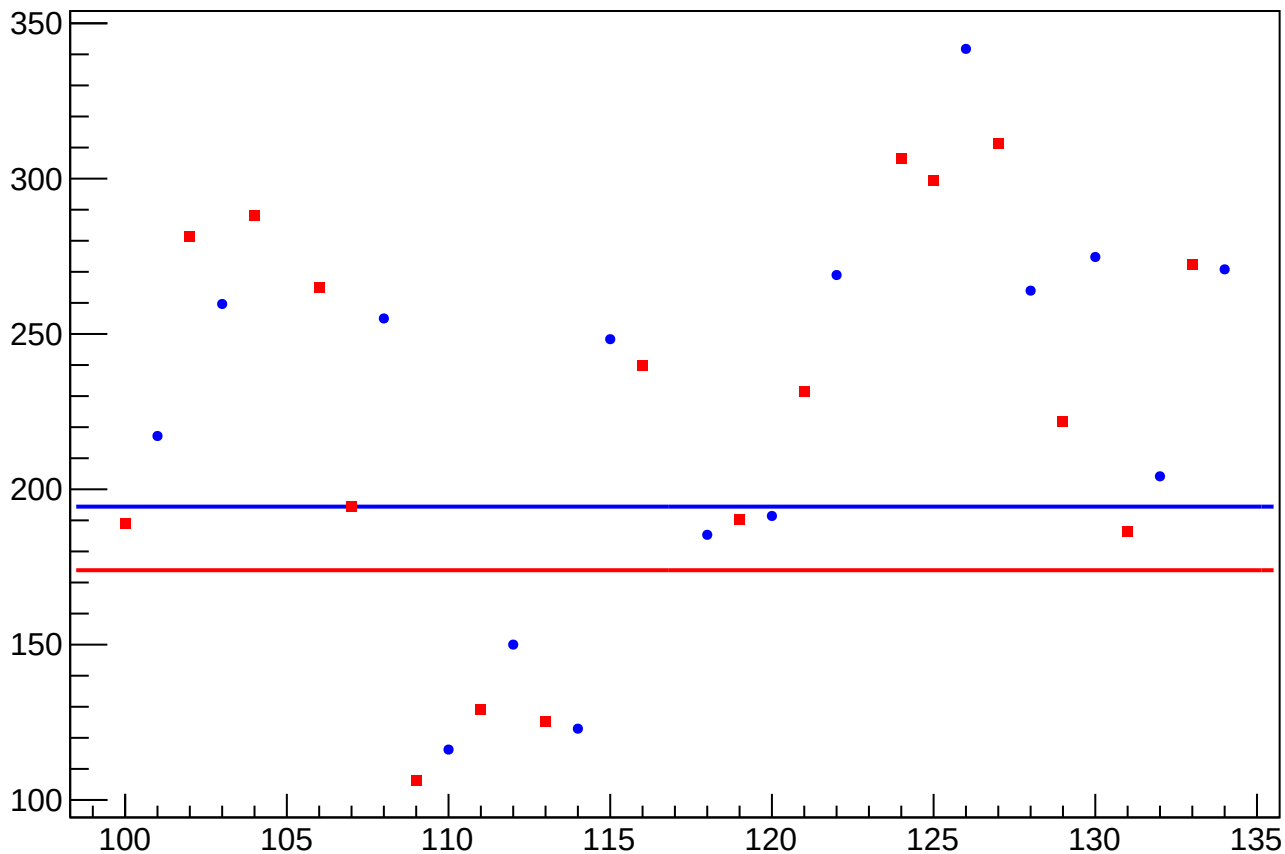
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.641+/-54.675 χ^2/NDF : 25.2/31

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

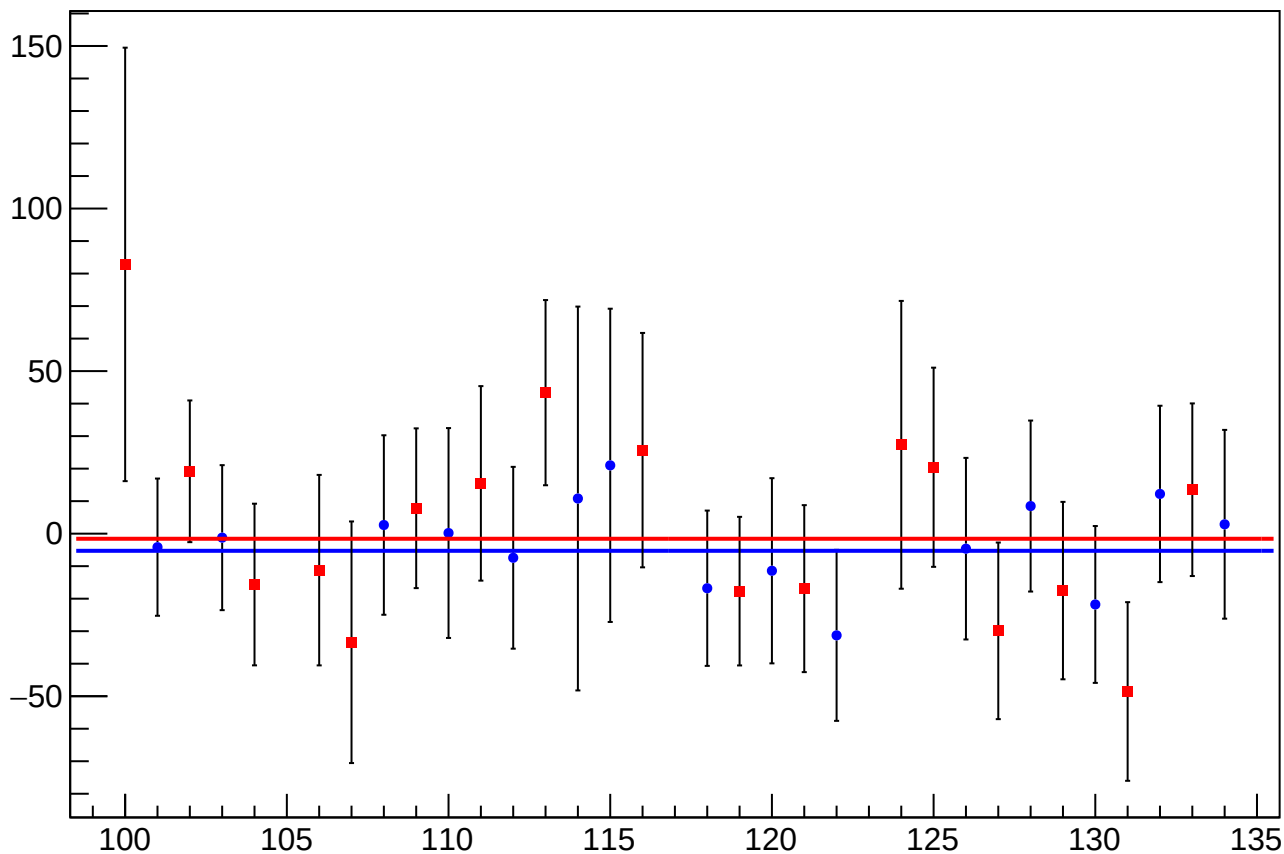
Right Out: 173.953+/-0.052 χ^2/NDF : 1652397.4/16

All: 182.999+/-0.039 χ^2/NDF : 2773653.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug



Right In: -5.274 ± 7.080 χ^2/NDF : 3.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.570 ± 6.890 χ^2/NDF : 13.7/16

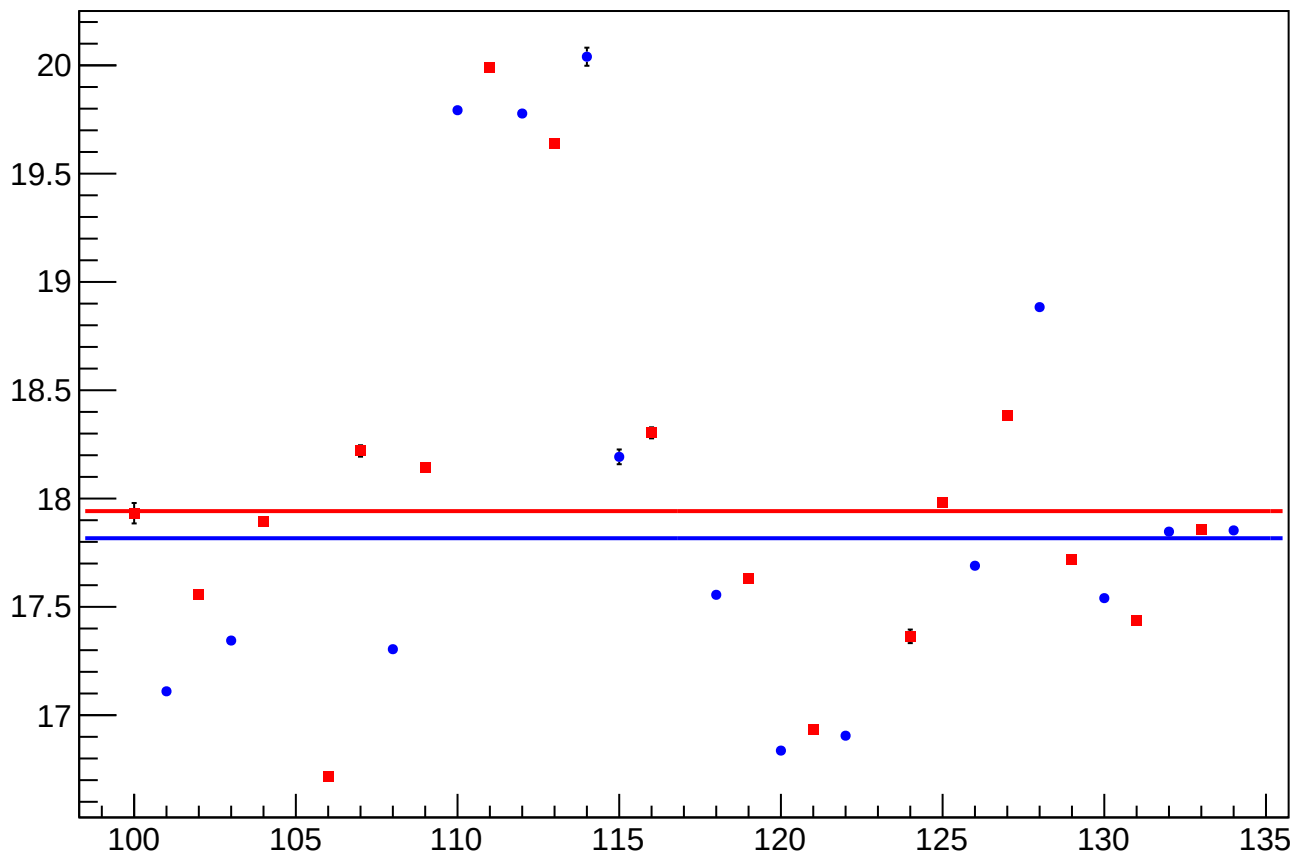
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.372 ± 4.938 χ^2/NDF : 16.8/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug



Right In: 17.817 $\pm$ 0.005 χ^2 /NDF: 32728.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.942 $\pm$ 0.005 χ^2 /NDF: 26192.3/16

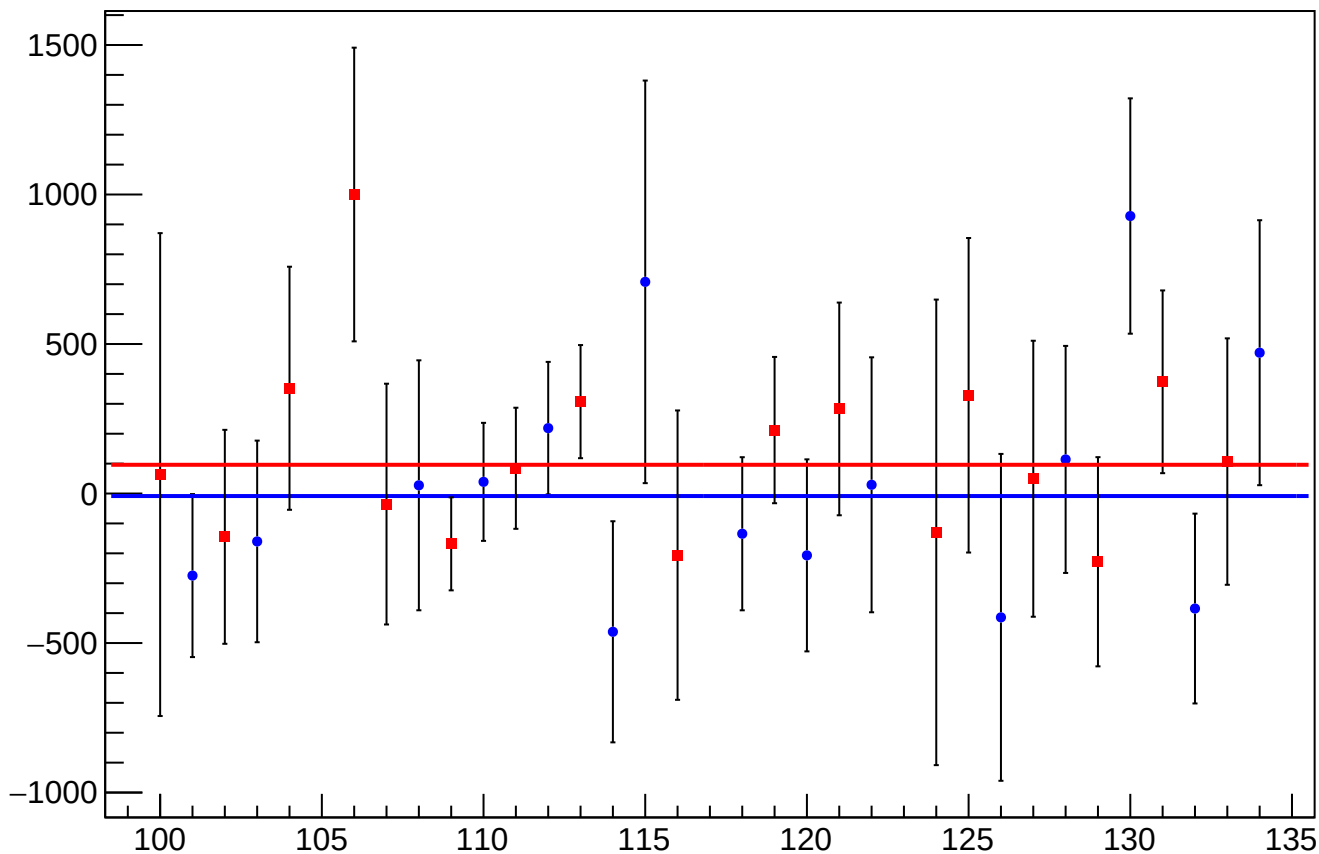
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.881 $\pm$ 0.003 χ^2 /NDF: 59242.1/31

- sign 0.000 $\pm$ 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: 96.093+/-73.920 χ^2/NDF : 11.4/16

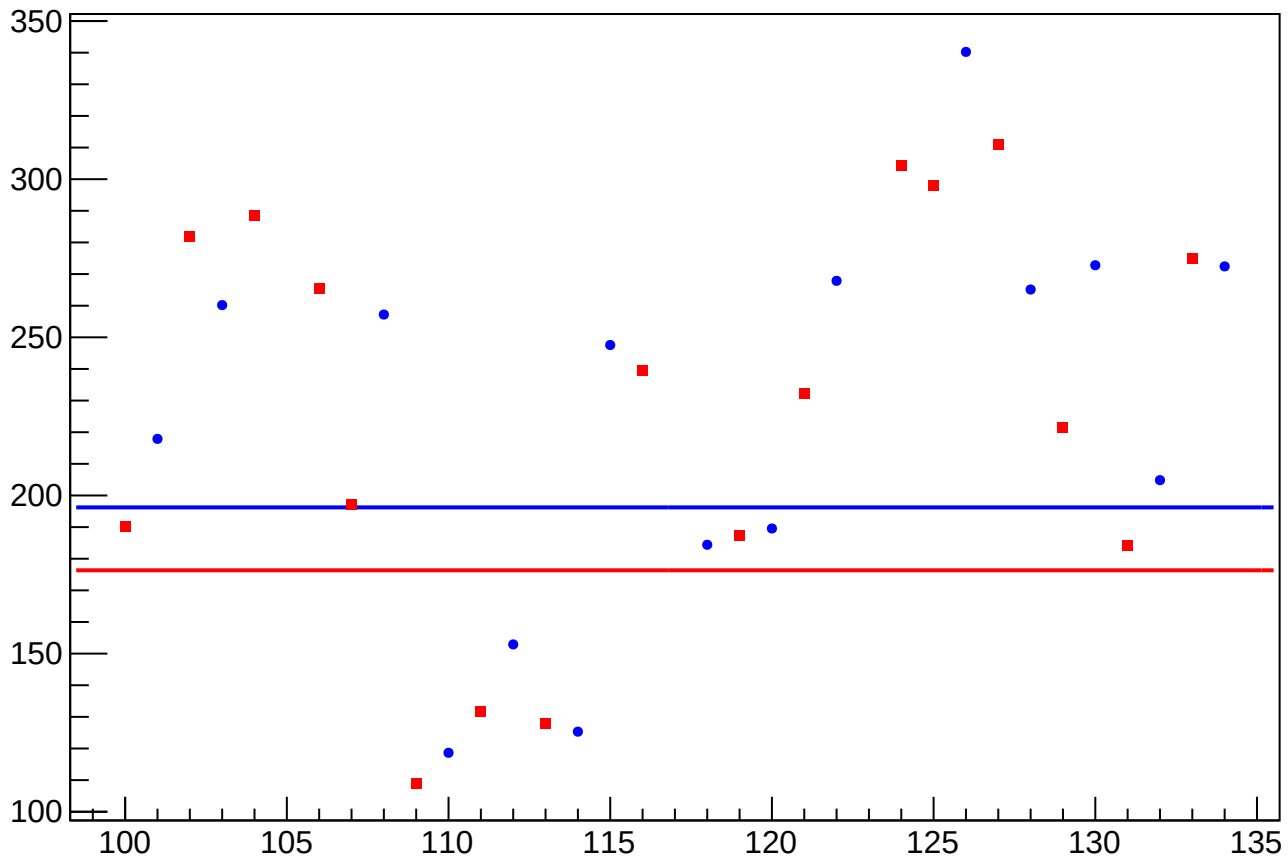
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.755+/-55.150 χ^2/NDF : 26.7/31

- 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: 176.342+/-0.052 χ^2/NDF : 1569916.9/16

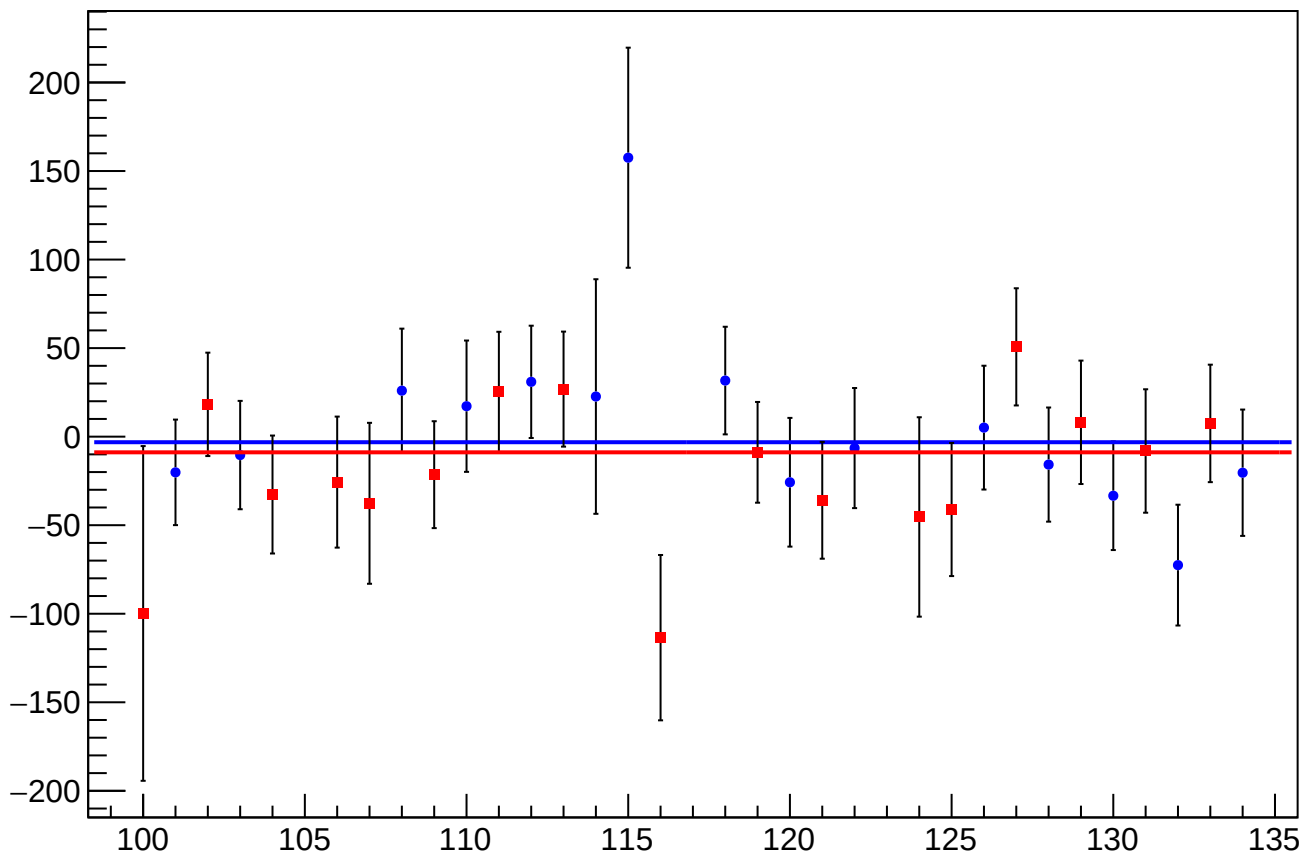
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.161+/-0.039 χ^2/NDF : 2634685.8/31

- 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: -8.851 ± 8.632 χ^2/NDF : 15.9/16

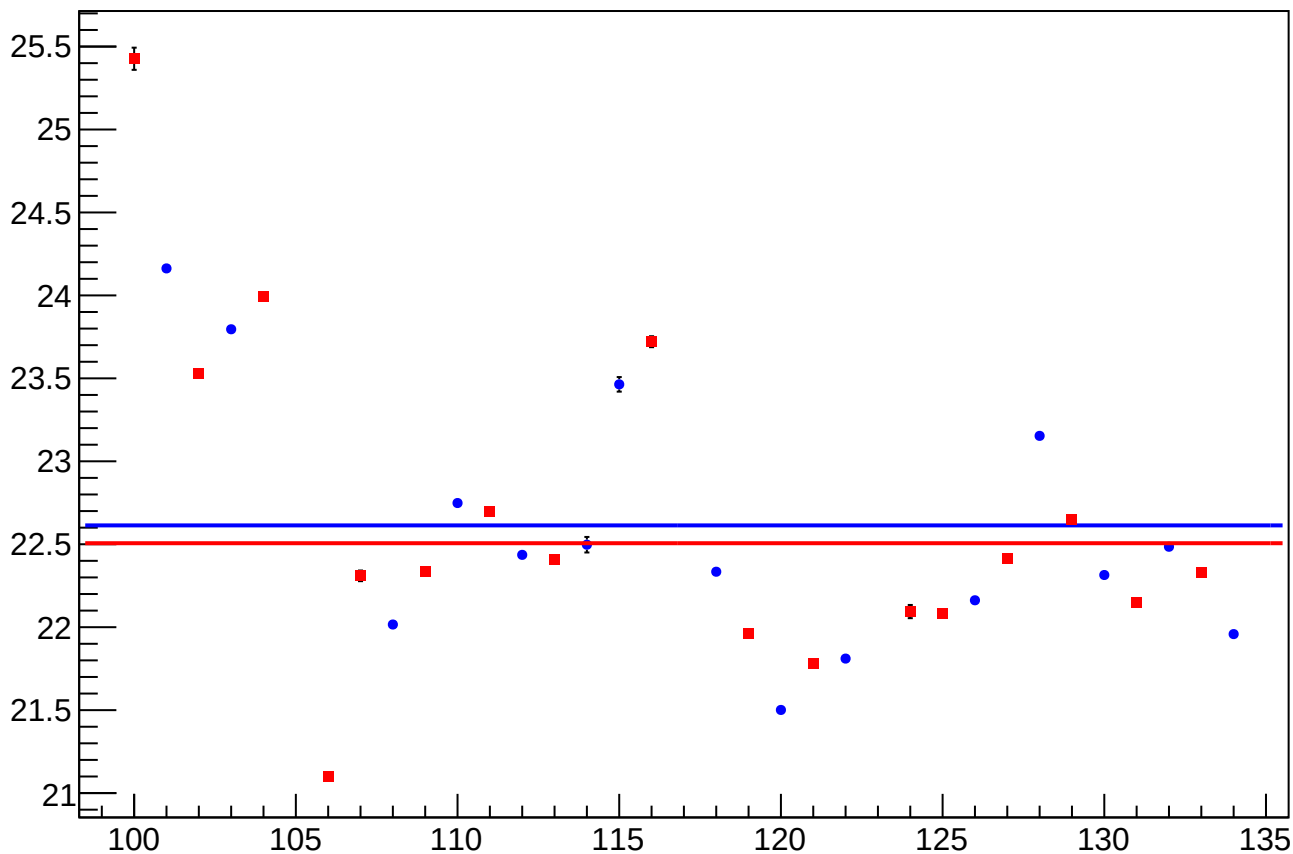
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.109 ± 6.221 χ^2/NDF : 32.7/31

- 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+/-0.006 χ^2 /NDF: 14396.3/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 22.506+/-0.006 χ^2 /NDF: 15144.5/16

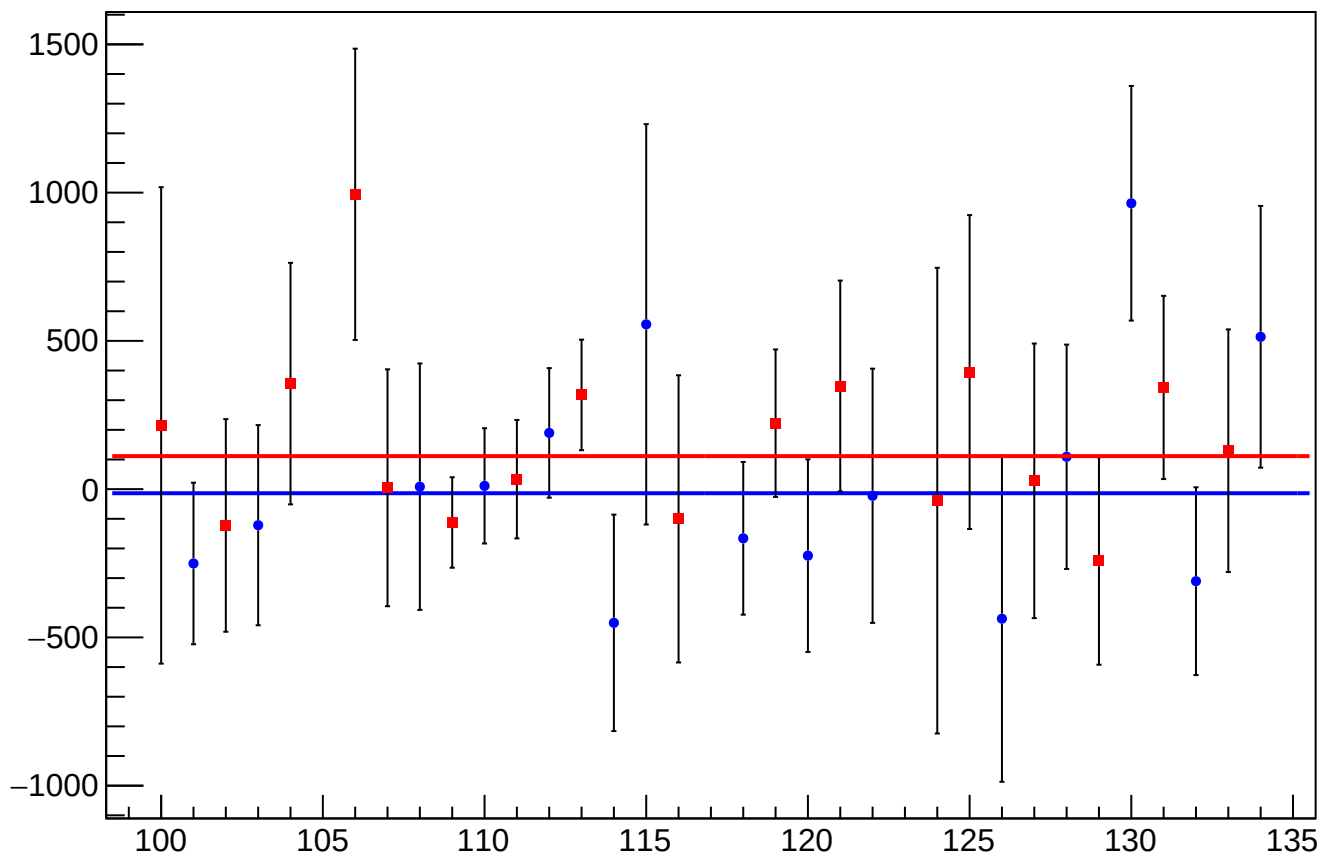
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 22.558+/-0.004 χ^2 /NDF: 29689.7/31

- sign 0.000+/-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: 111.293 ± 73.450 χ^2/NDF : 10.4/16

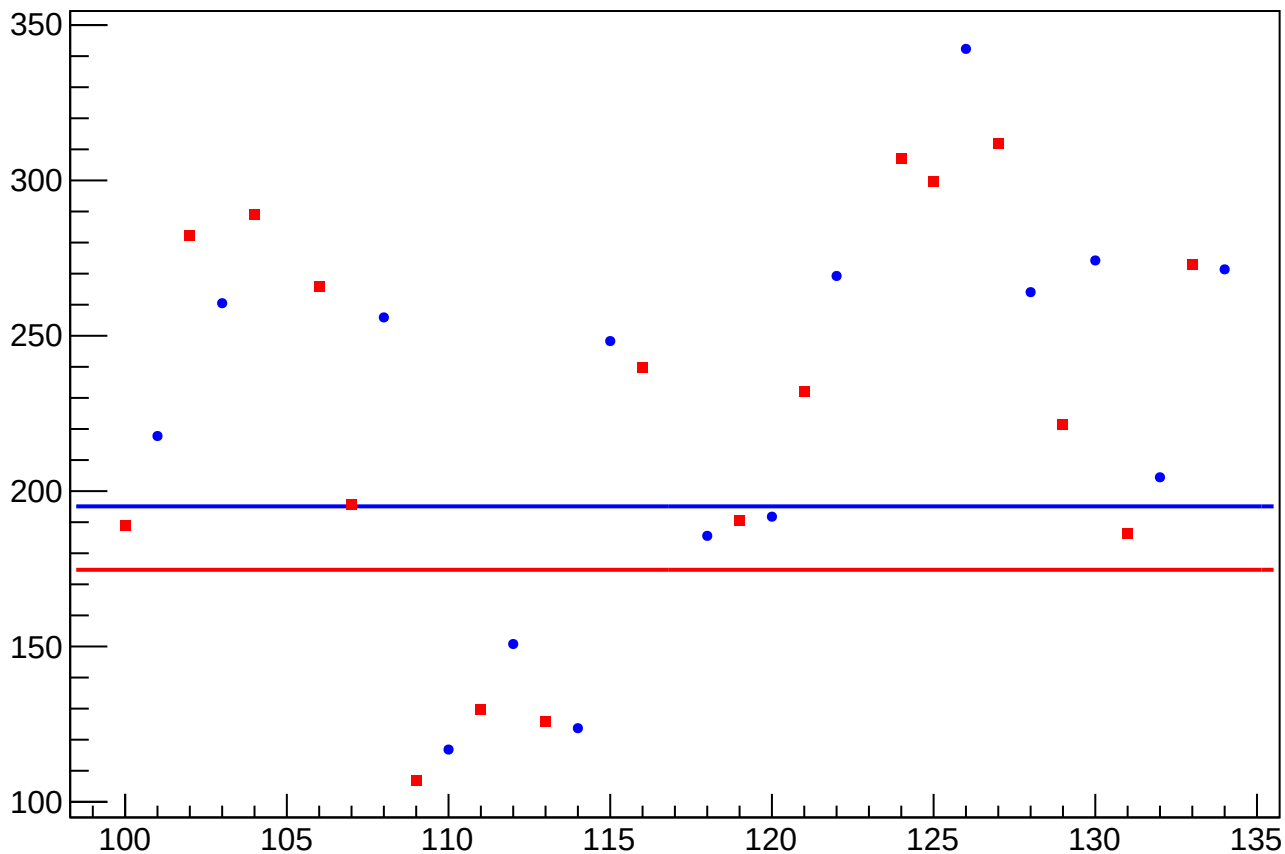
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 56.005 ± 54.858 χ^2/NDF : 25.5/31

- 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: 174.683+/-0.052 χ^2/NDF : 1639817.8/16

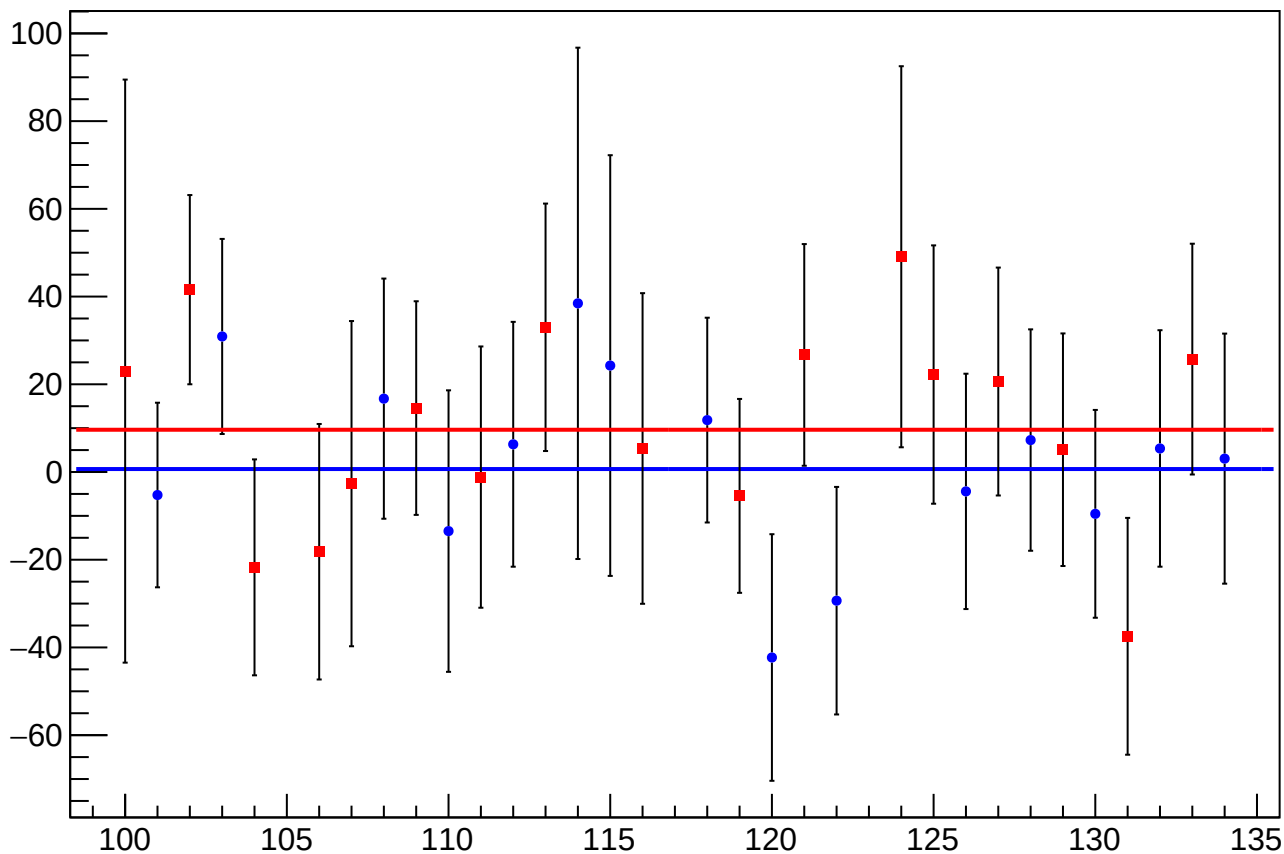
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.710+/-0.039 χ^2/NDF : 2749415.4/31

- 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+/-6.979 χ^2/NDF : 7.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.635+/-6.771 χ^2/NDF : 11.3/16

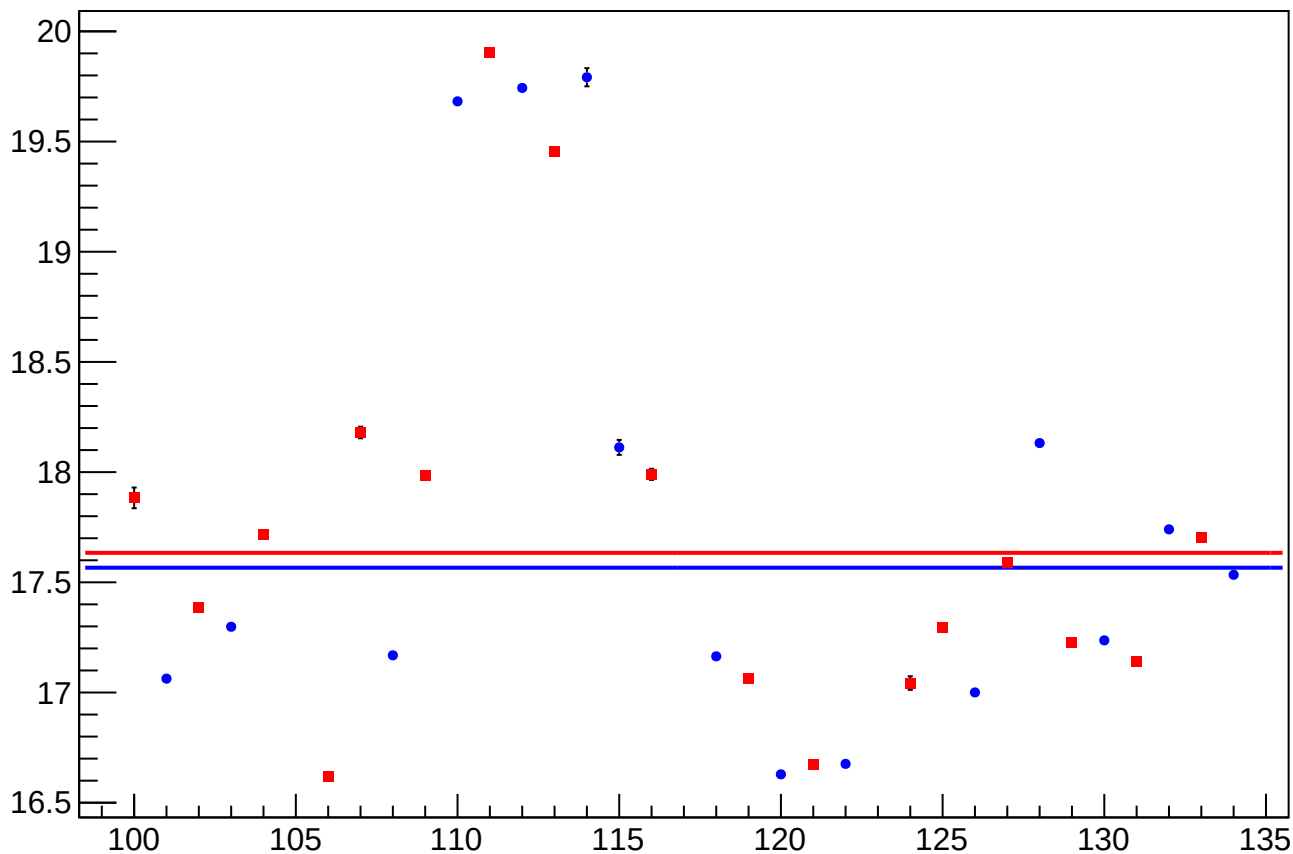
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.291+/-4.860 χ^2/NDF : 19.6/31

- sign 0.000+/-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: 17.634 $\pm$ 0.005 χ^2 /NDF: 29750.5/16

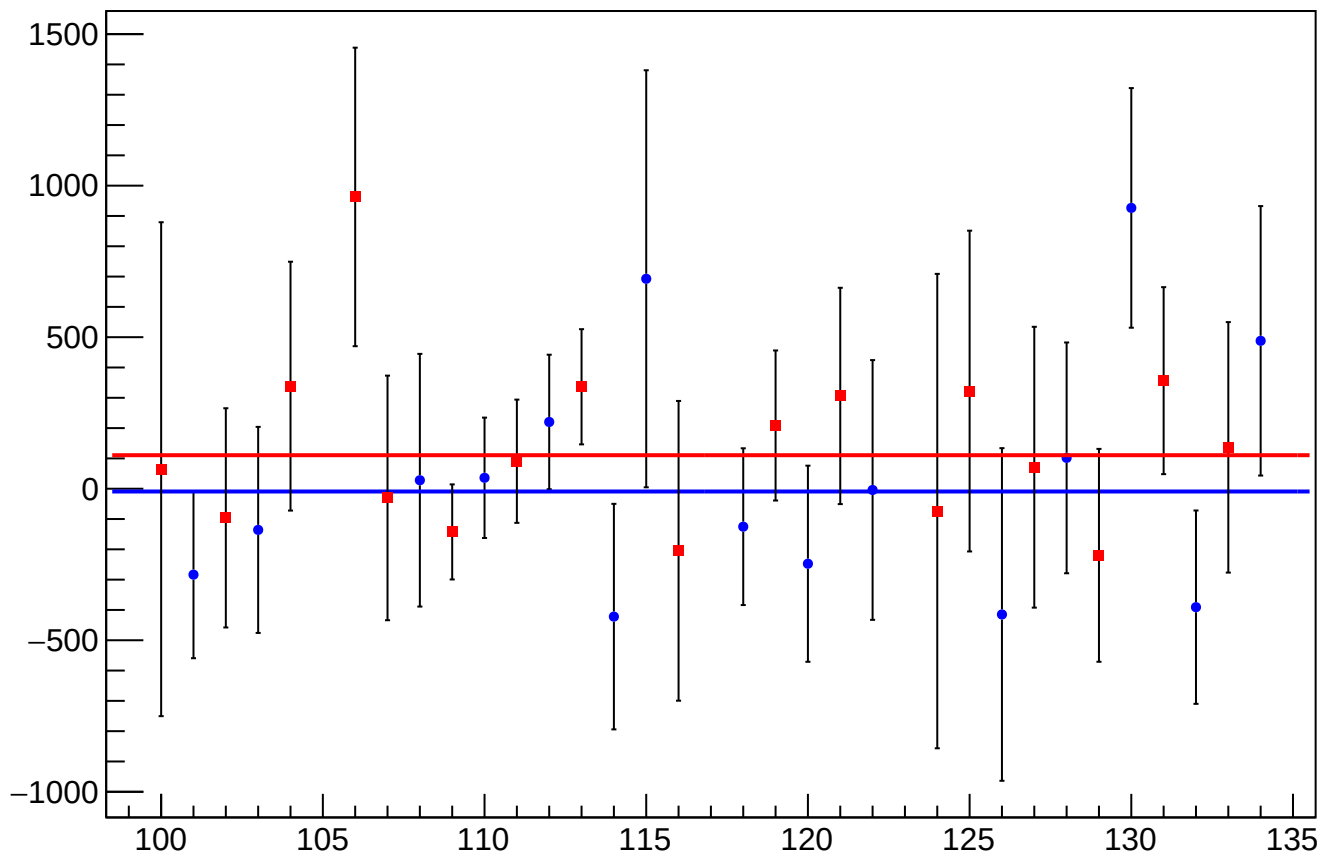
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.601 $\pm$ 0.003 χ^2 /NDF: 63277.1/31

- 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: 110.614 ± 74.442 $\chi^2/\text{NDF}: 10.4/16$

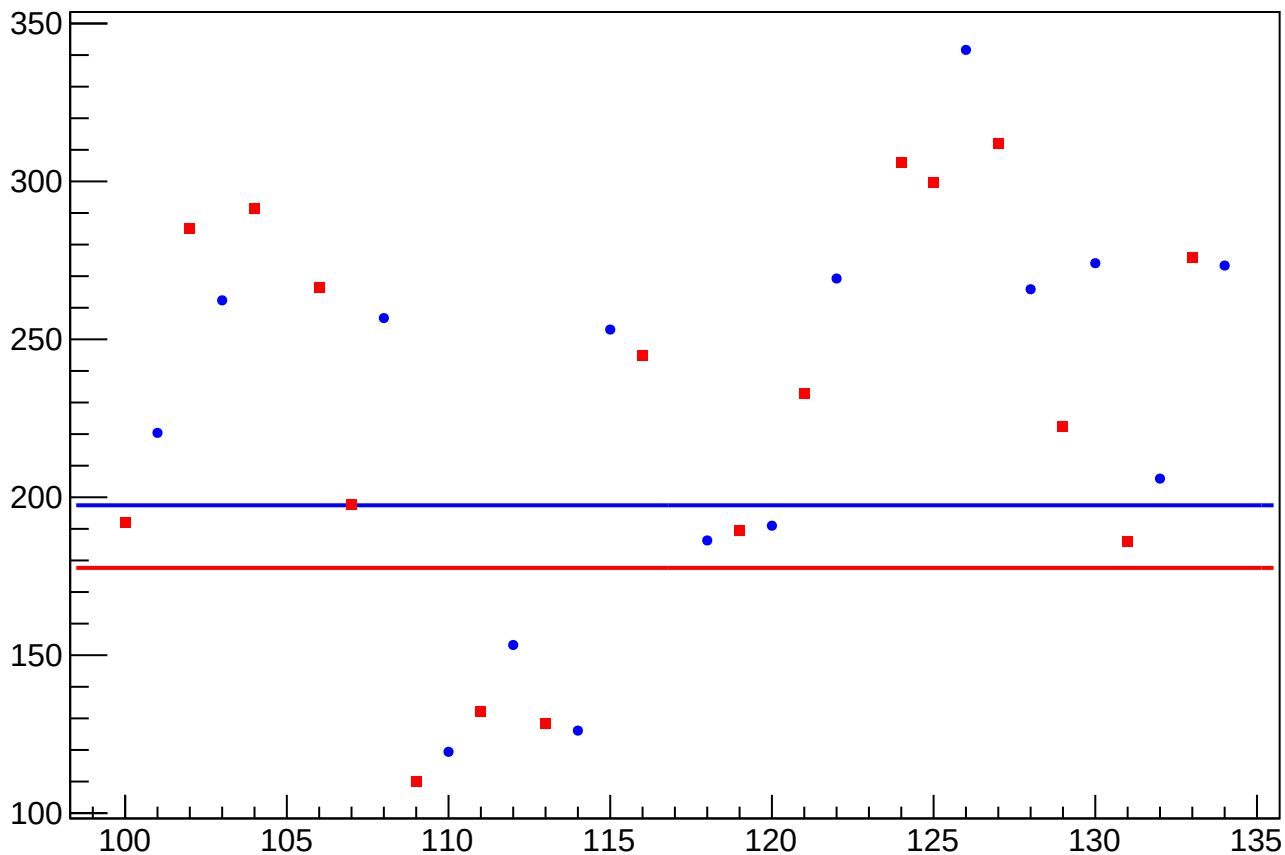
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 57.448 ± 55.516 $\chi^2/\text{NDF}: 25.7/31$

- 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: 177.644 $\pm$ 0.053 χ^2 /NDF: 1570563.8/16

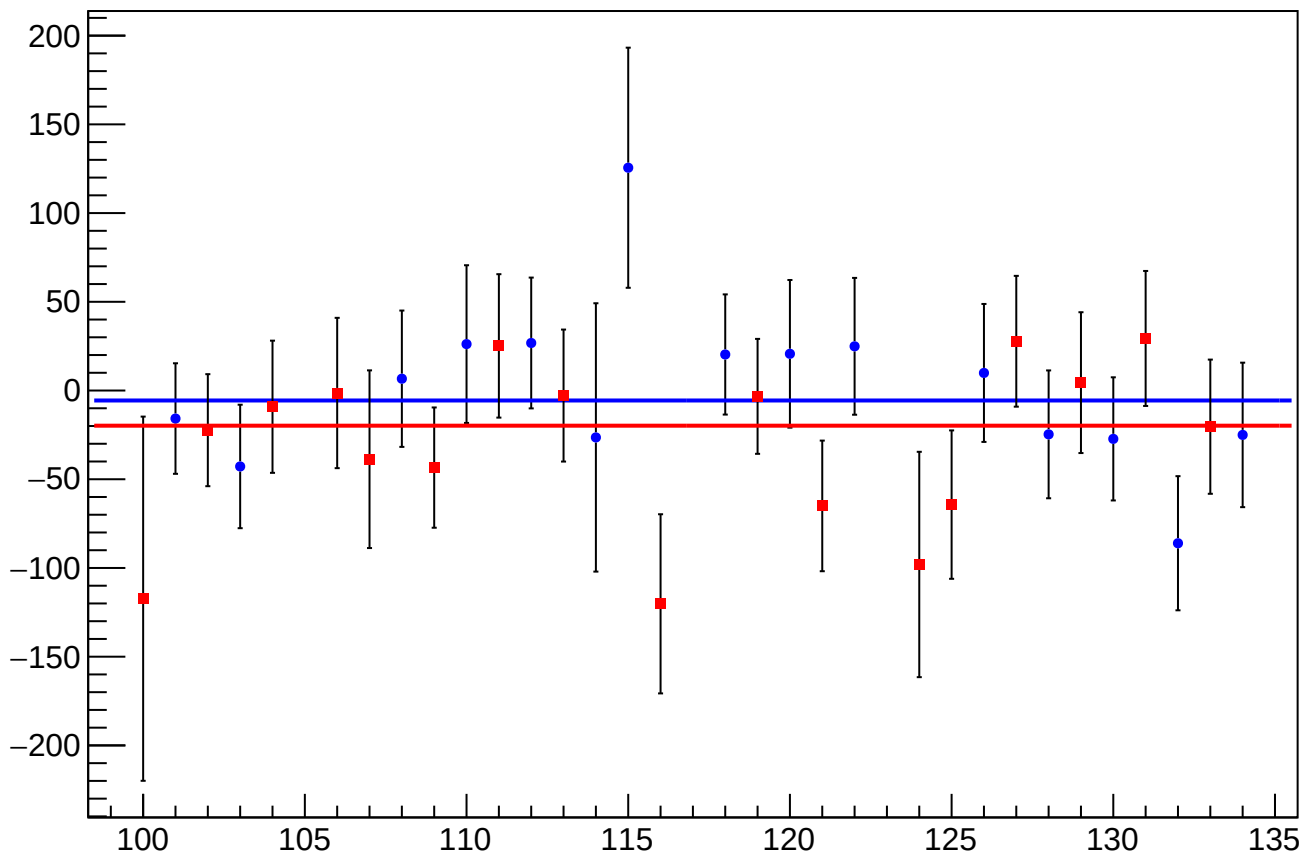
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 186.440 $\pm$ 0.039 χ^2 /NDF: 2633669.1/31

- 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: -19.814+/-9.691 χ^2/NDF : 15.3/16

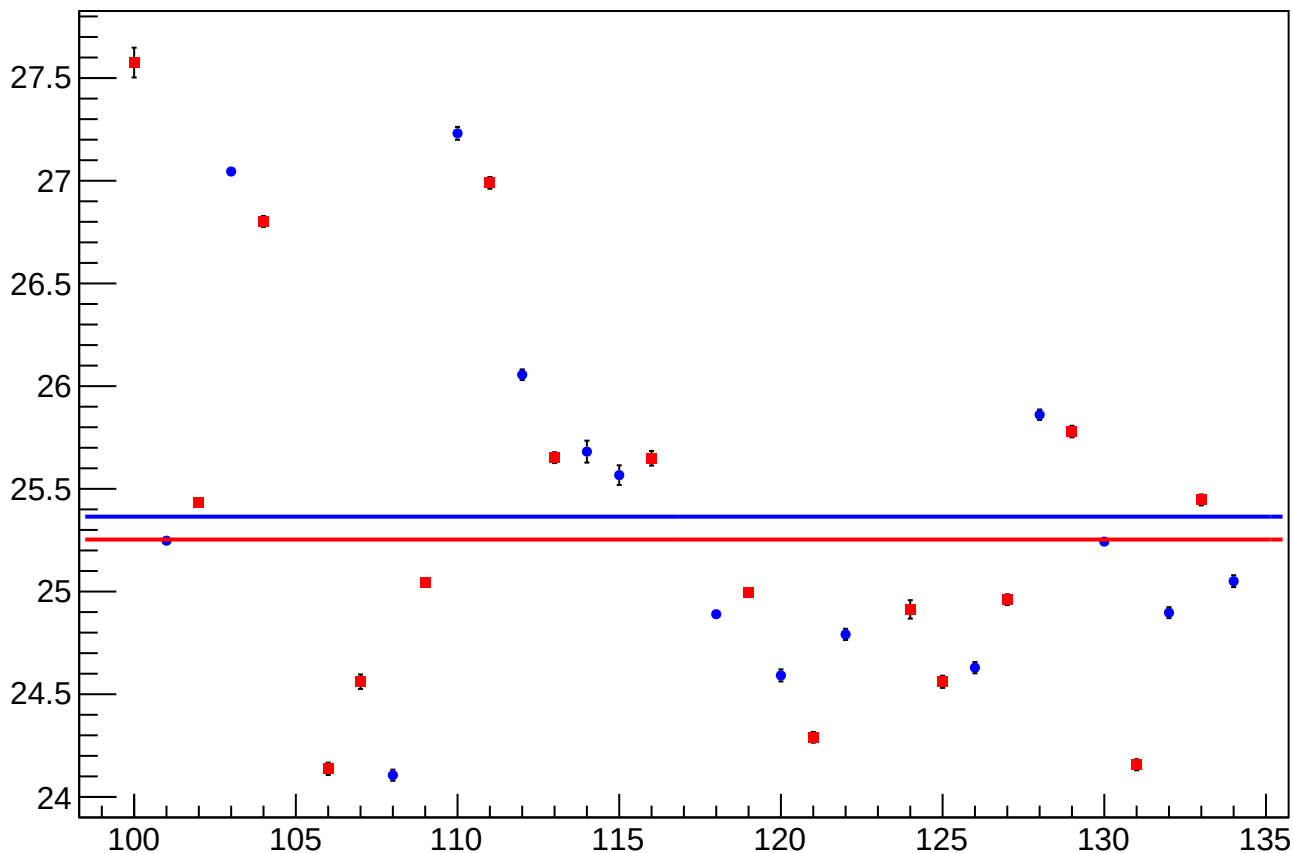
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.987+/-6.983 χ^2/NDF : 30.0/31

- 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+/-0.007 χ^2/NDF : 14194.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.253+/-0.007 χ^2/NDF : 14733.9/16

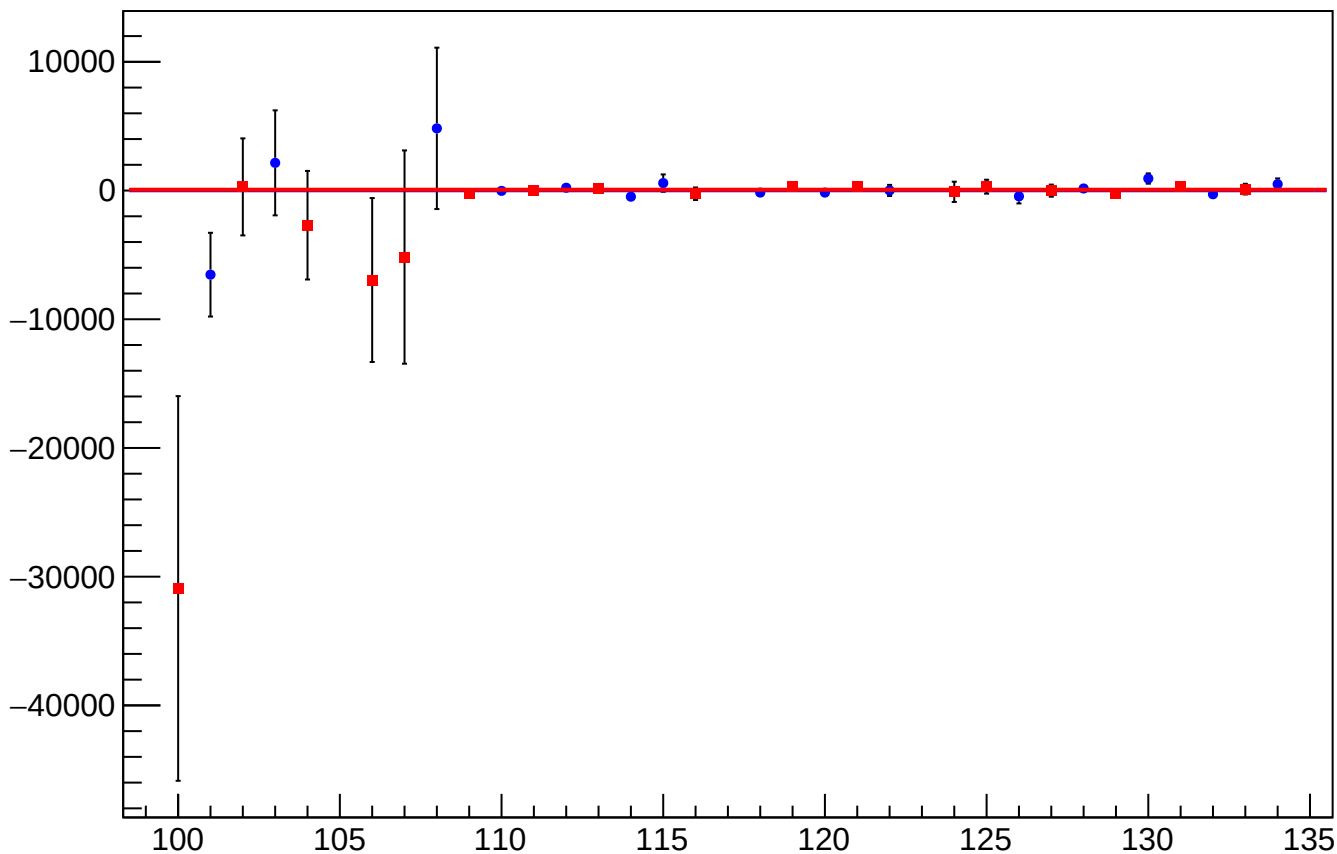
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.307+/-0.005 χ^2/NDF : 29055.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug



Right In: 22.203+/-92.252 χ^2/NDF : 17.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.493+/-85.213 χ^2/NDF : 11.9/16

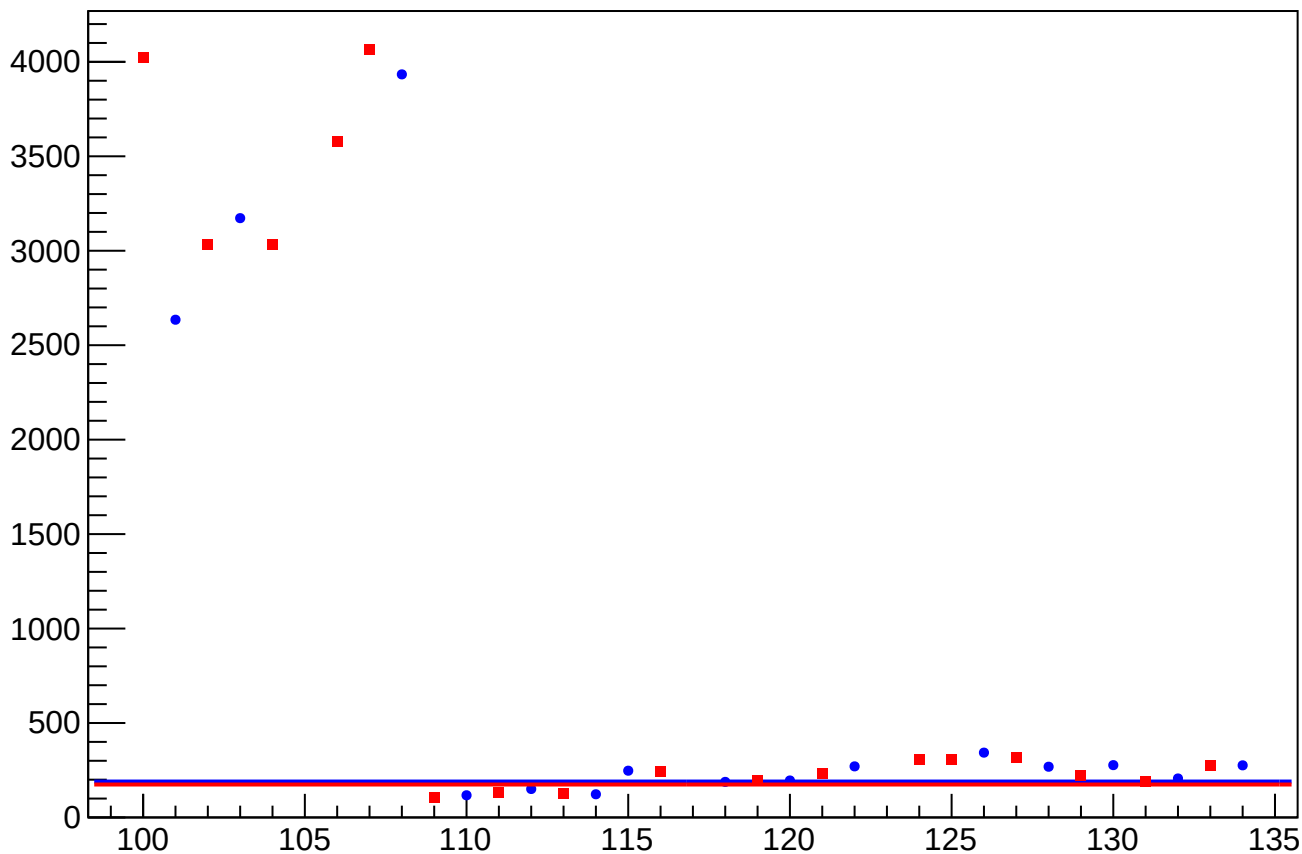
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.483+/-62.595 χ^2/NDF : 29.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug



Right In: 190.152 $\pm$ 0.065 χ^2 /NDF: 3818049.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 174.375 $\pm$ 0.060 χ^2 /NDF: 4286388.0/16

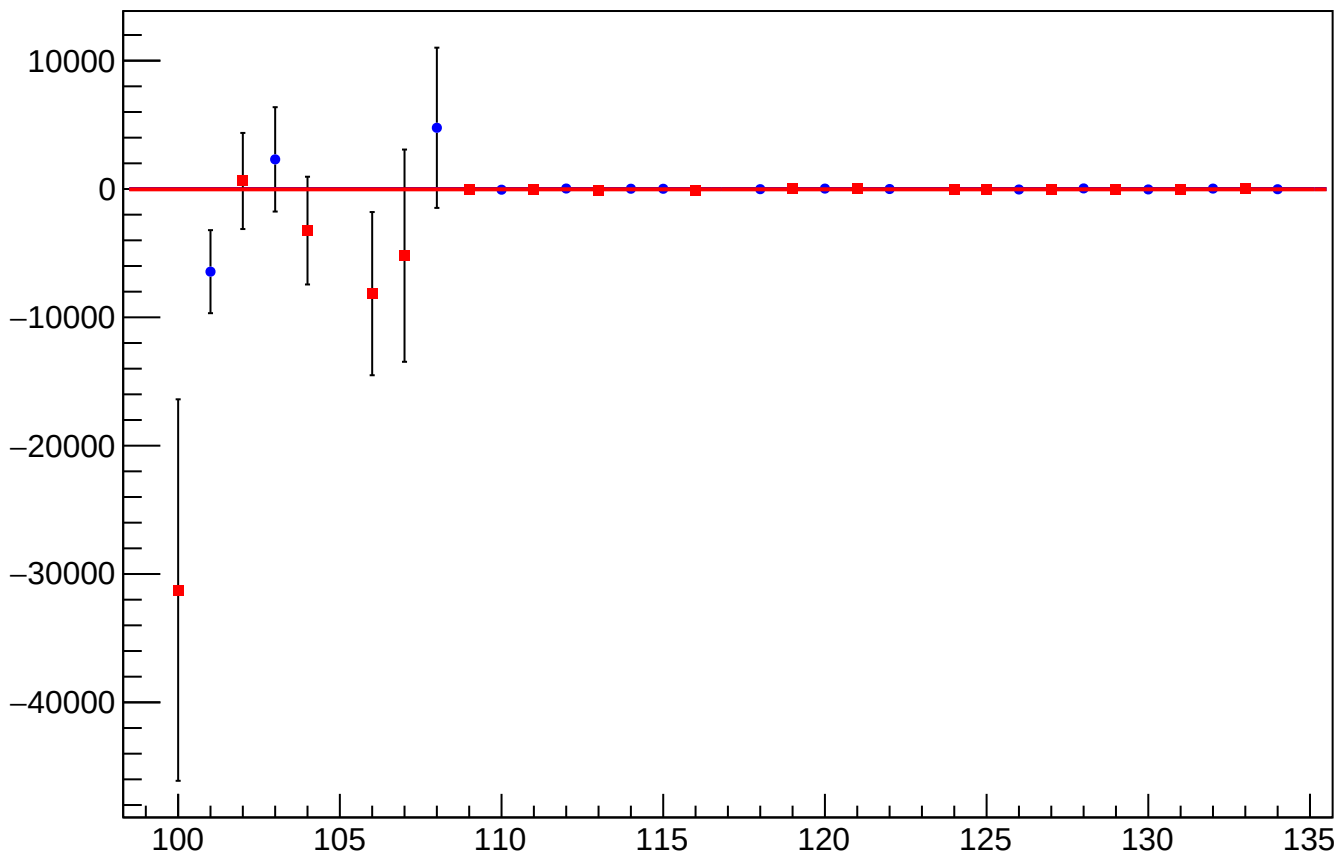
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 181.639 $\pm$ 0.044 χ^2 /NDF: 8136001.0/31

- sign 0.000 $\pm$ 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: -24.974 ± 12.739 χ^2/NDF : 21.5/16

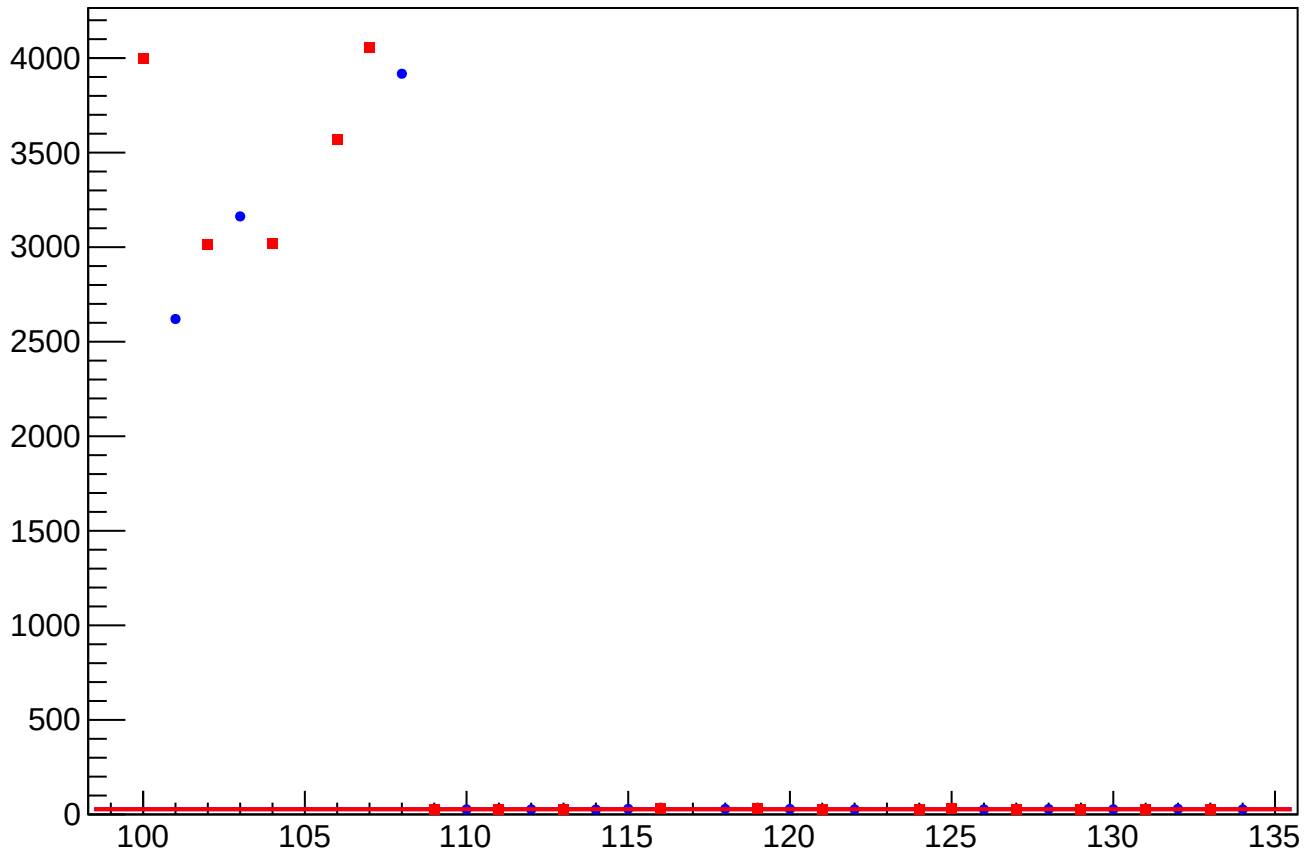
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.997 ± 9.012 χ^2/NDF : 34.9/31

- 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: 27.707 $\pm$ 0.009 χ^2 /NDF: 3552465.2/16

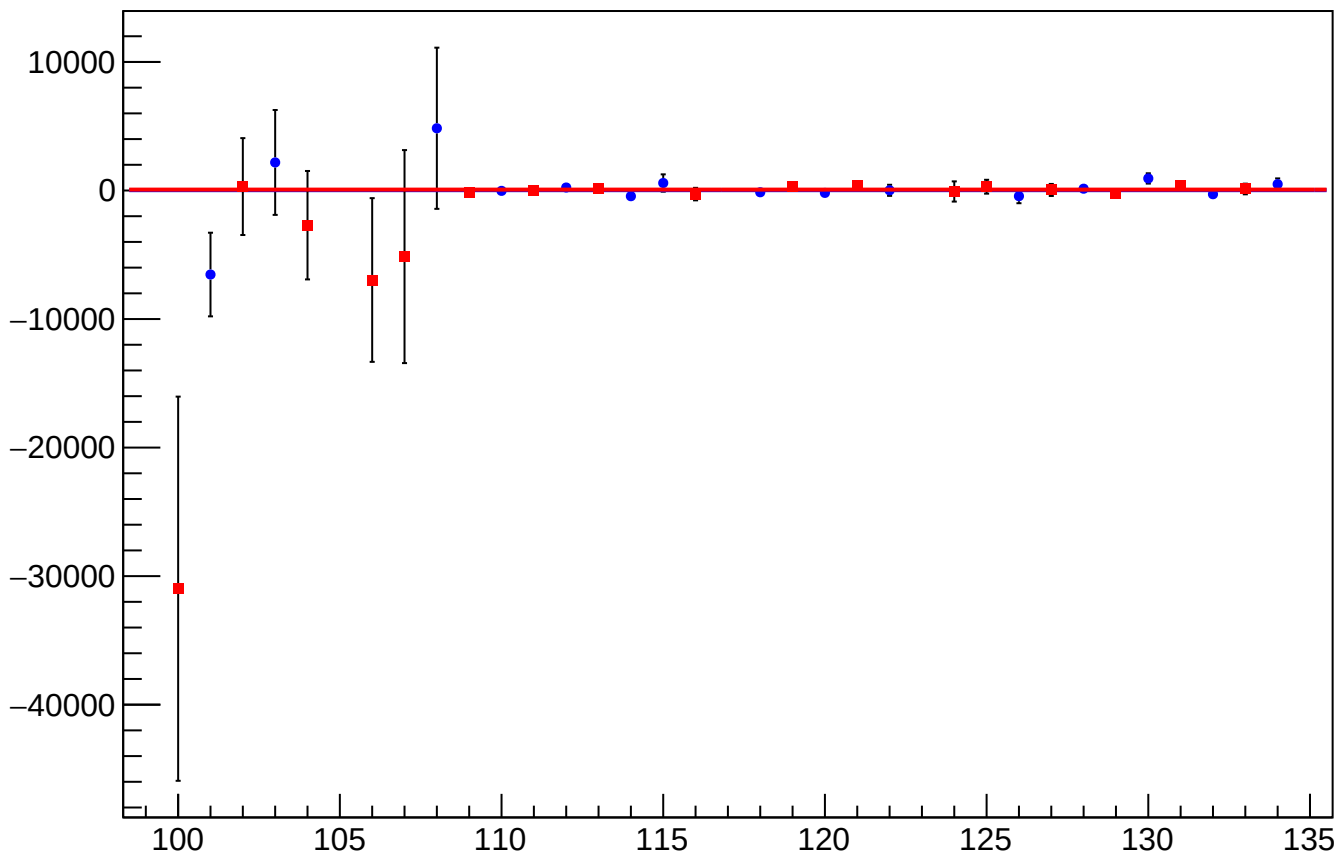
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.688 $\pm$ 0.006 χ^2 /NDF: 6817911.1/31

- 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: 69.609 $\pm$ 84.924 χ^2 /NDF: 12.0/16

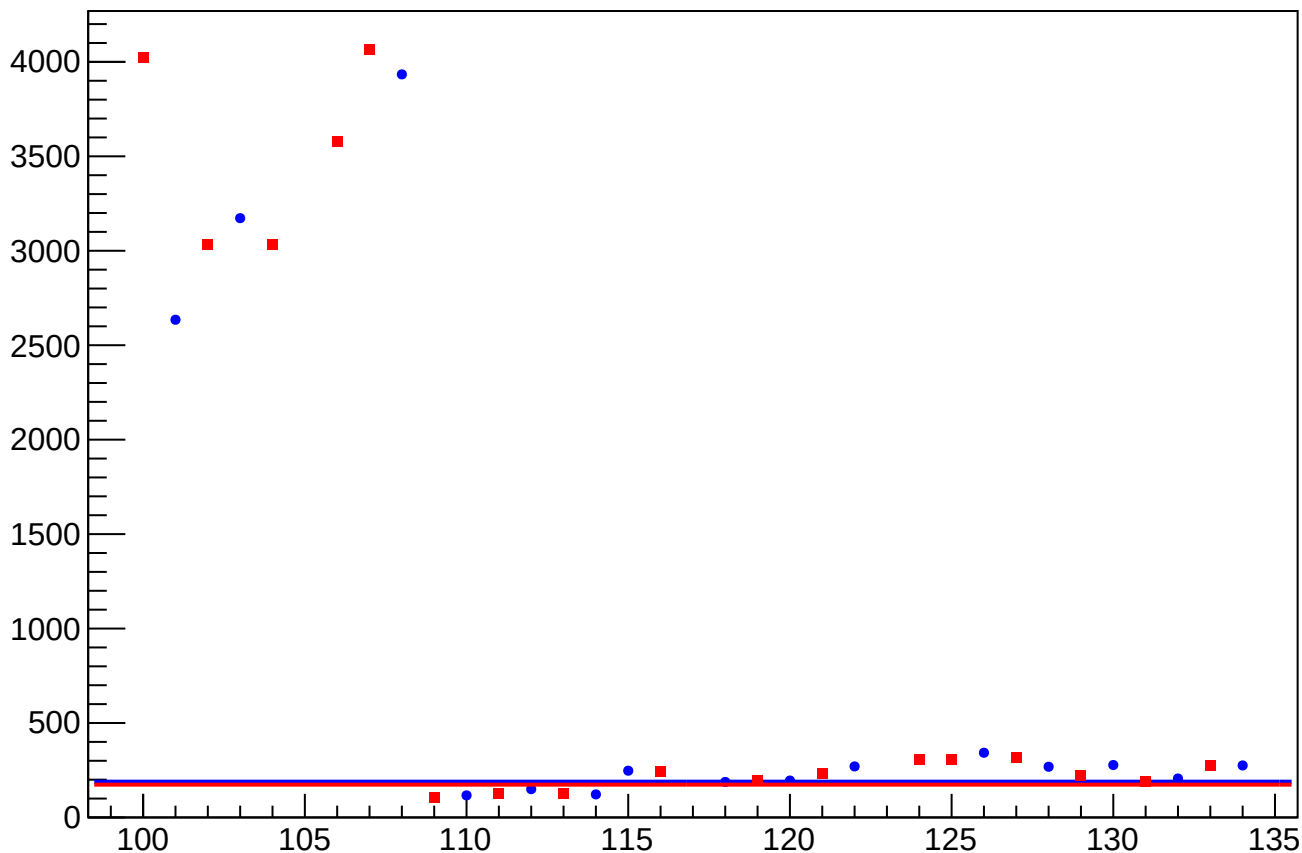
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 49.438 $\pm$ 62.395 χ^2 /NDF: 29.3/31

- 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: 173.650+/-0.060 χ^2/NDF : 4298764.6/16

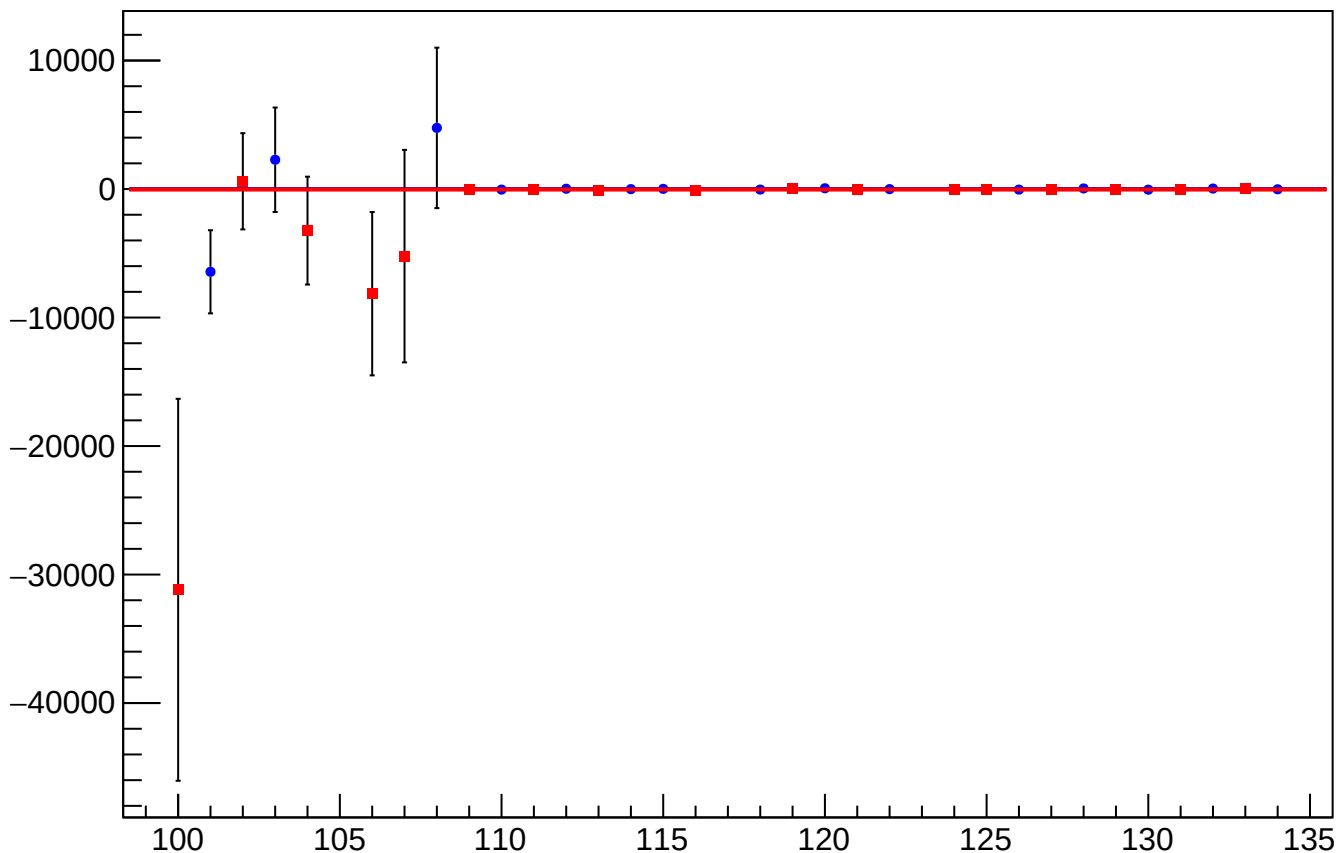
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.925+/-0.044 χ^2/NDF : 8160694.9/31

- 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: -36.141+/-12.854 χ^2/NDF : 17.8/16

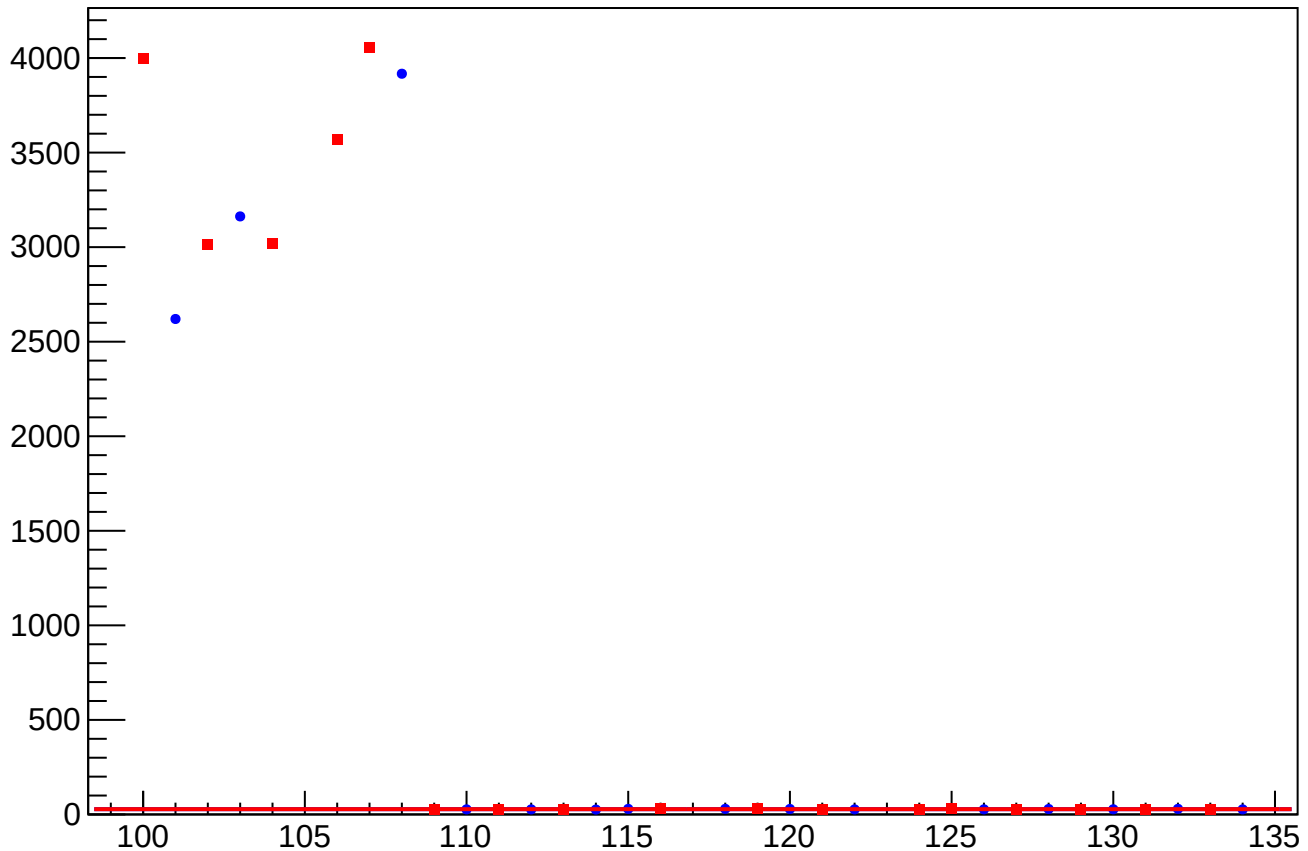
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.395+/-9.083 χ^2/NDF : 34.3/31

- 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+/-0.009 χ^2/NDF : 3265832.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.949+/-0.009 χ^2/NDF : 3555217.2/16

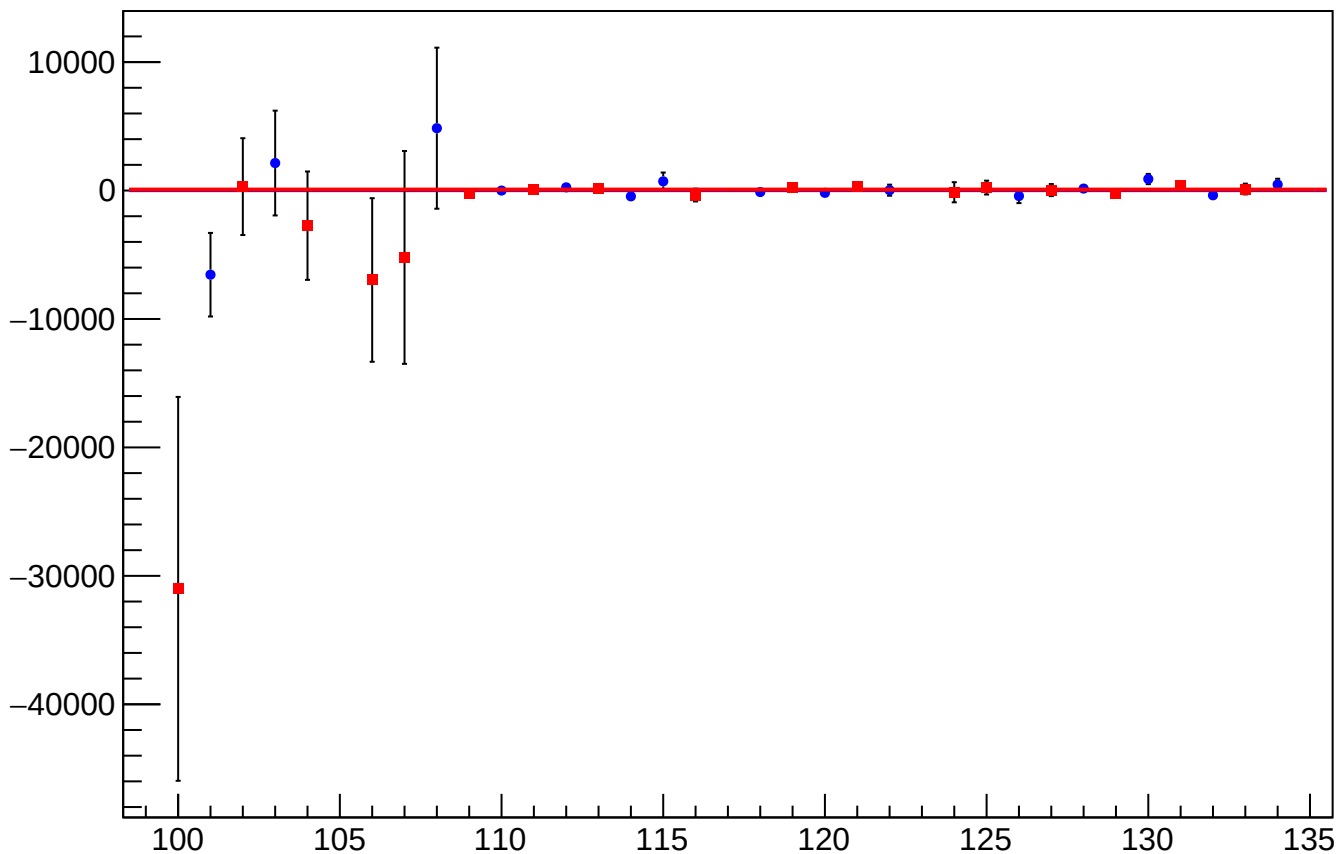
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.901+/-0.006 χ^2/NDF : 6821104.8/31

- sign 0.000+/-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: 73.334+/-86.112 χ^2/NDF : 11.8/16

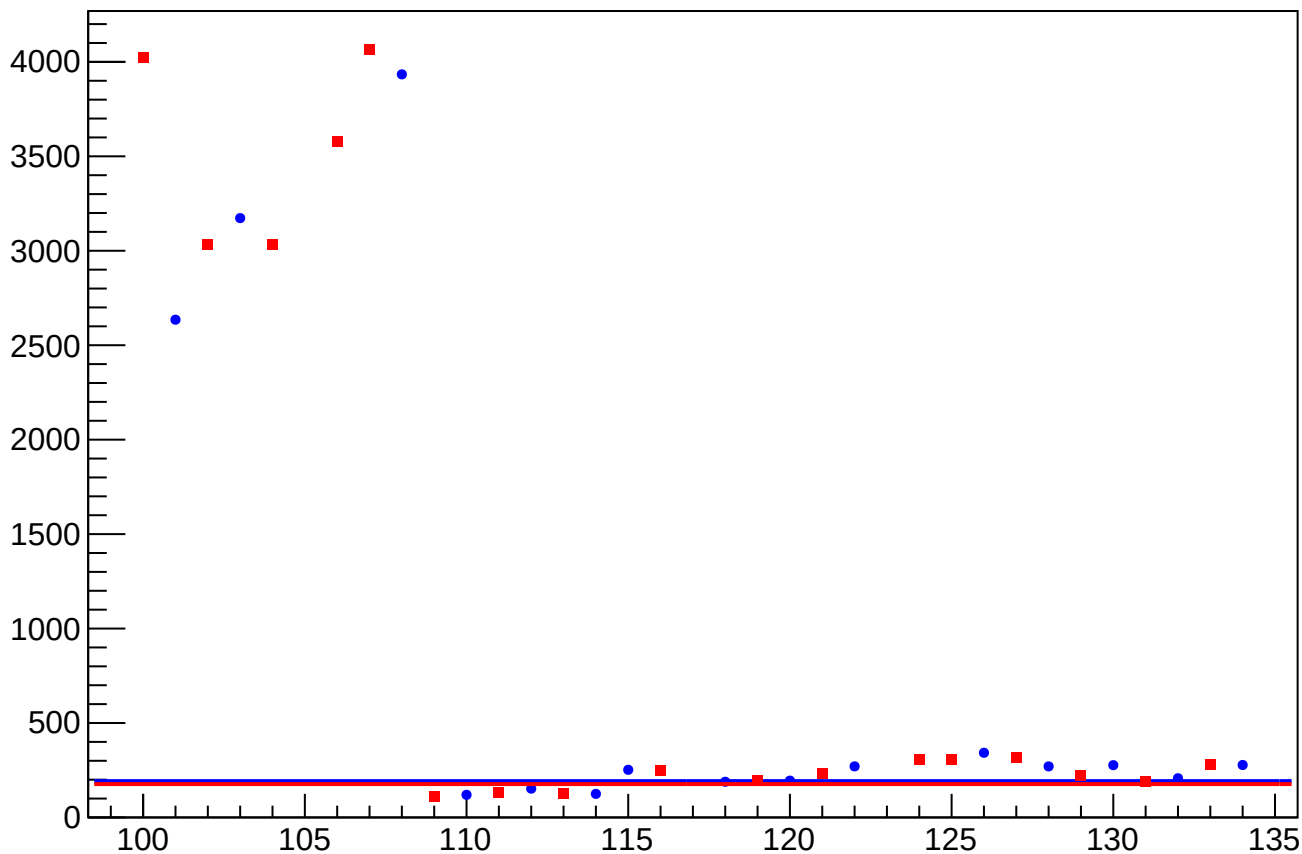
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.982+/-63.221 χ^2/NDF : 29.3/31

- 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: 176.718+/-0.061 χ^2/NDF : 4242700.8/16

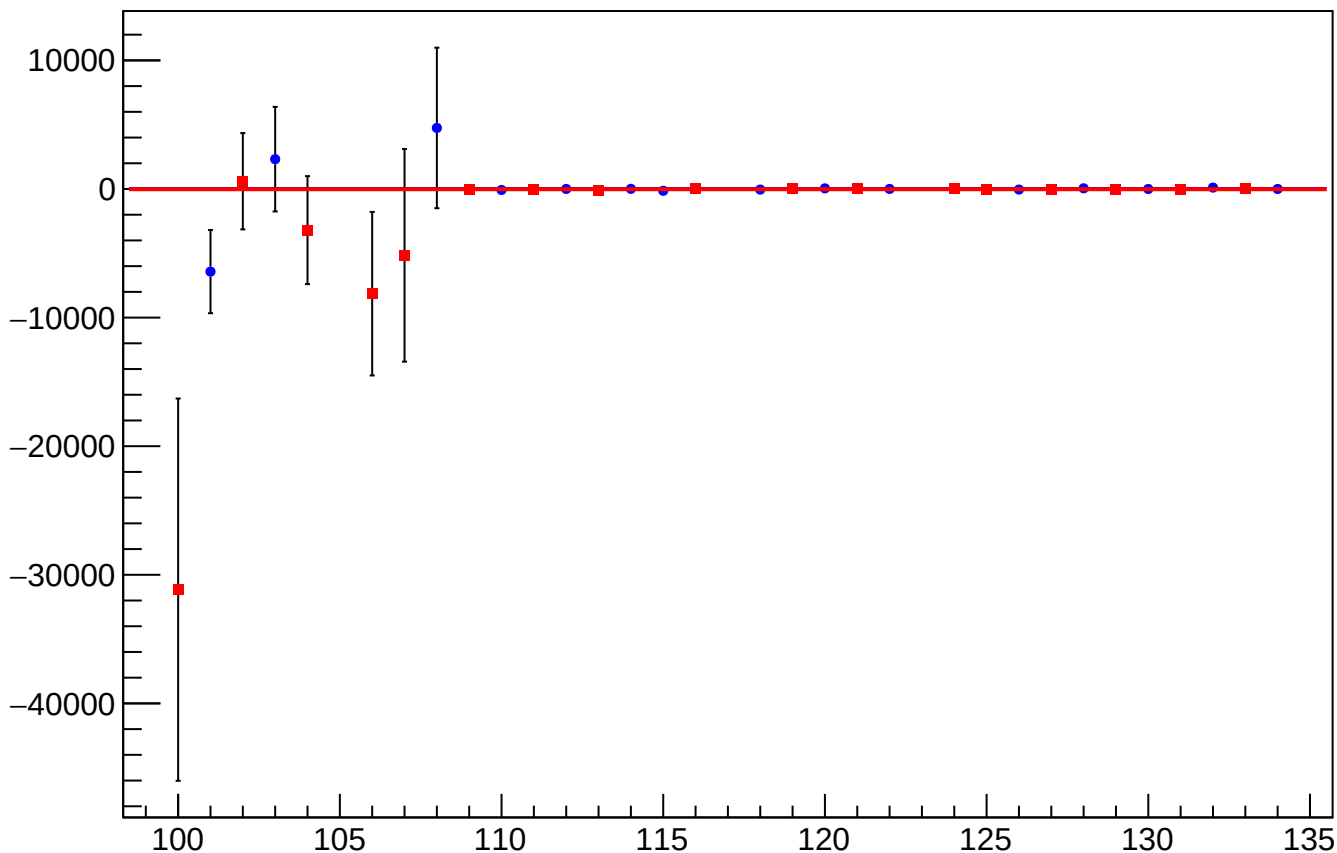
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.938+/-0.045 χ^2/NDF : 8054043.9/31

- 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+/-15.614 χ^2 /NDF: 16.7/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -17.374+/-15.534 χ^2 /NDF: 21.6/16

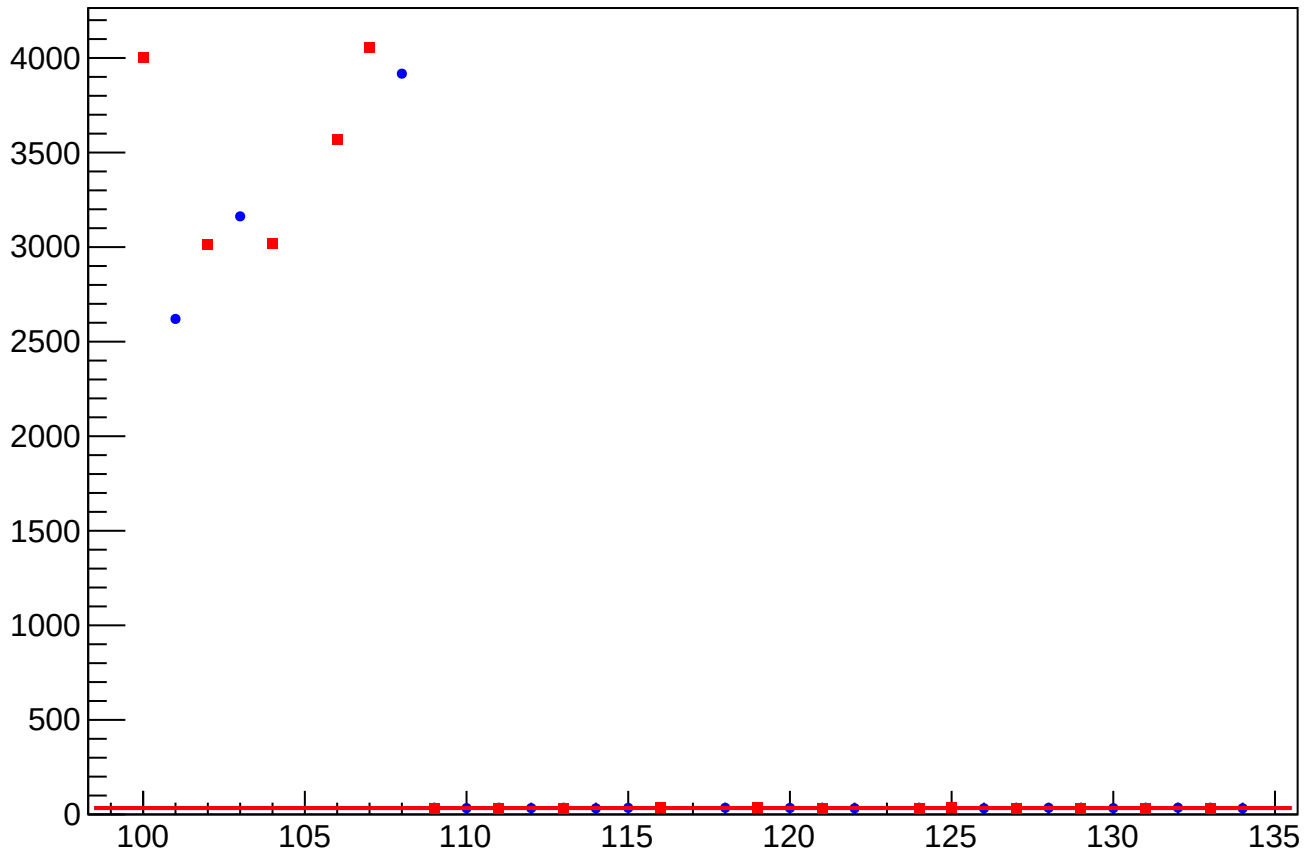
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -8.717+/-11.012 χ^2 /NDF: 38.9/31

- sign 0.000+/-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: 33.852 $\pm$ 0.011 χ^2 /NDF: 3525363.3/16

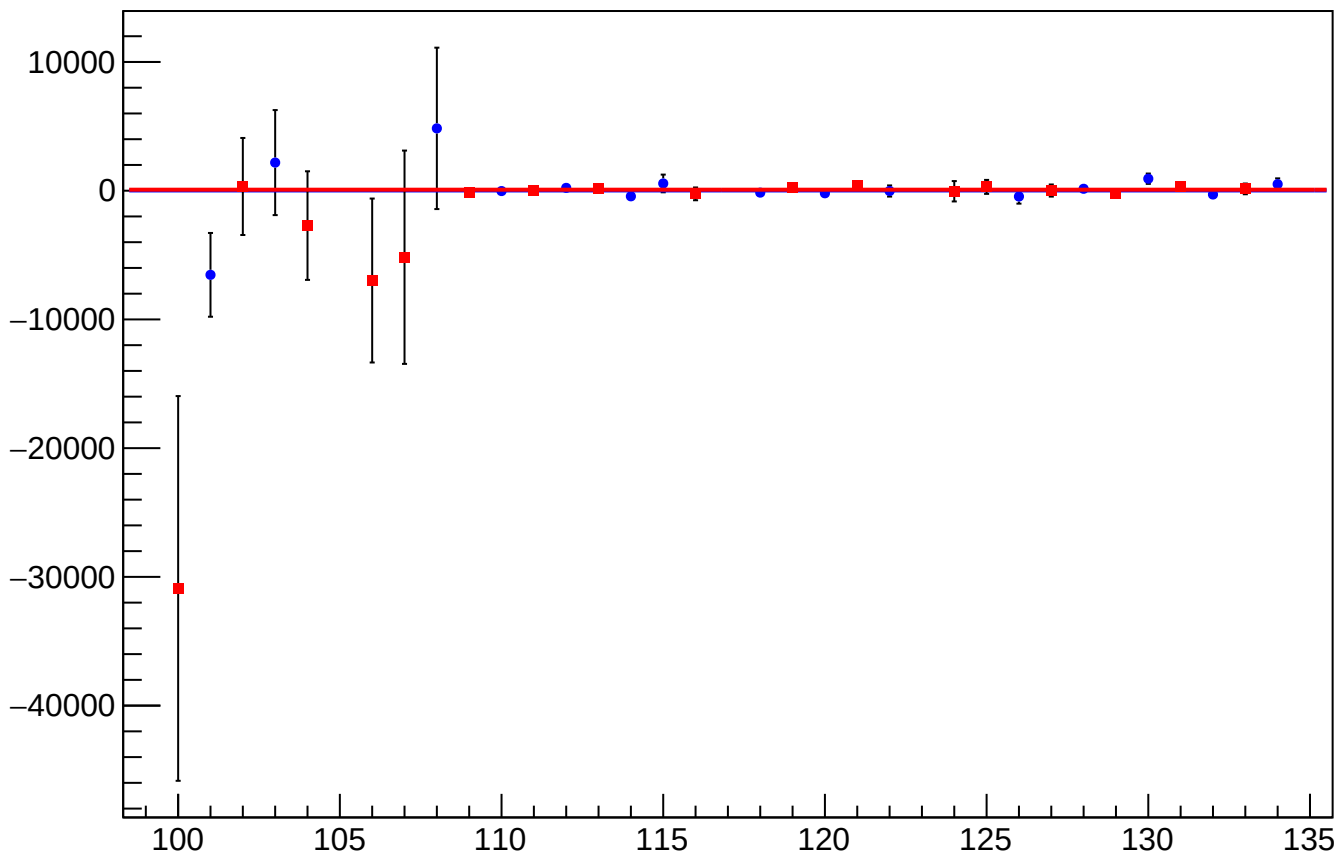
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.897 $\pm$ 0.008 χ^2 /NDF: 6769681.0/31

- 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: 77.981+/-85.650 χ^2/NDF : 11.6/16

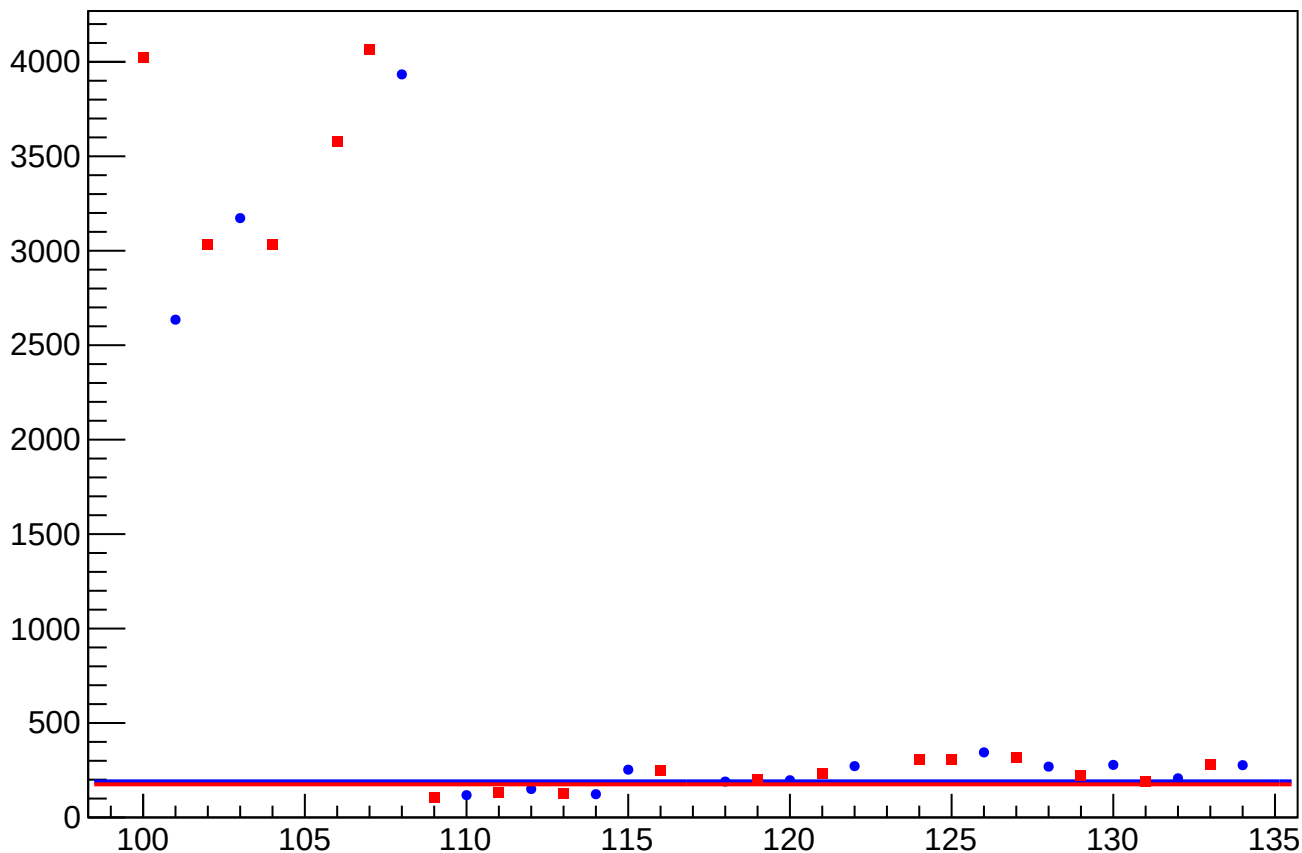
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.099+/-62.897 χ^2/NDF : 28.8/31

- 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+/-0.066 χ^2/NDF : 3819183.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 175.273+/-0.061 χ^2/NDF : 4289902.6/16

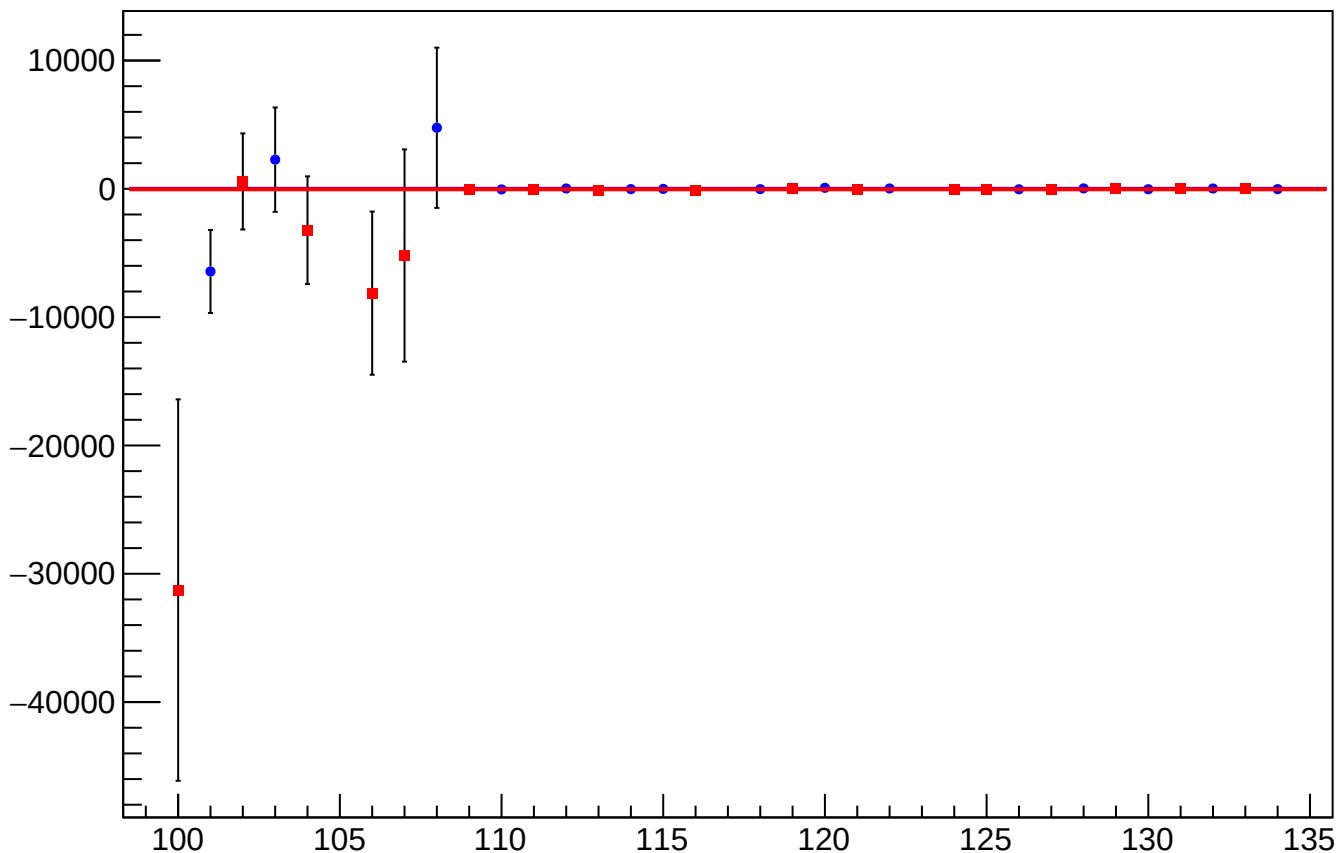
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.519+/-0.044 χ^2/NDF : 8140152.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 1.753+/-14.267 χ^2/NDF : 11.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -33.572+/-14.229 χ^2/NDF : 21.5/16

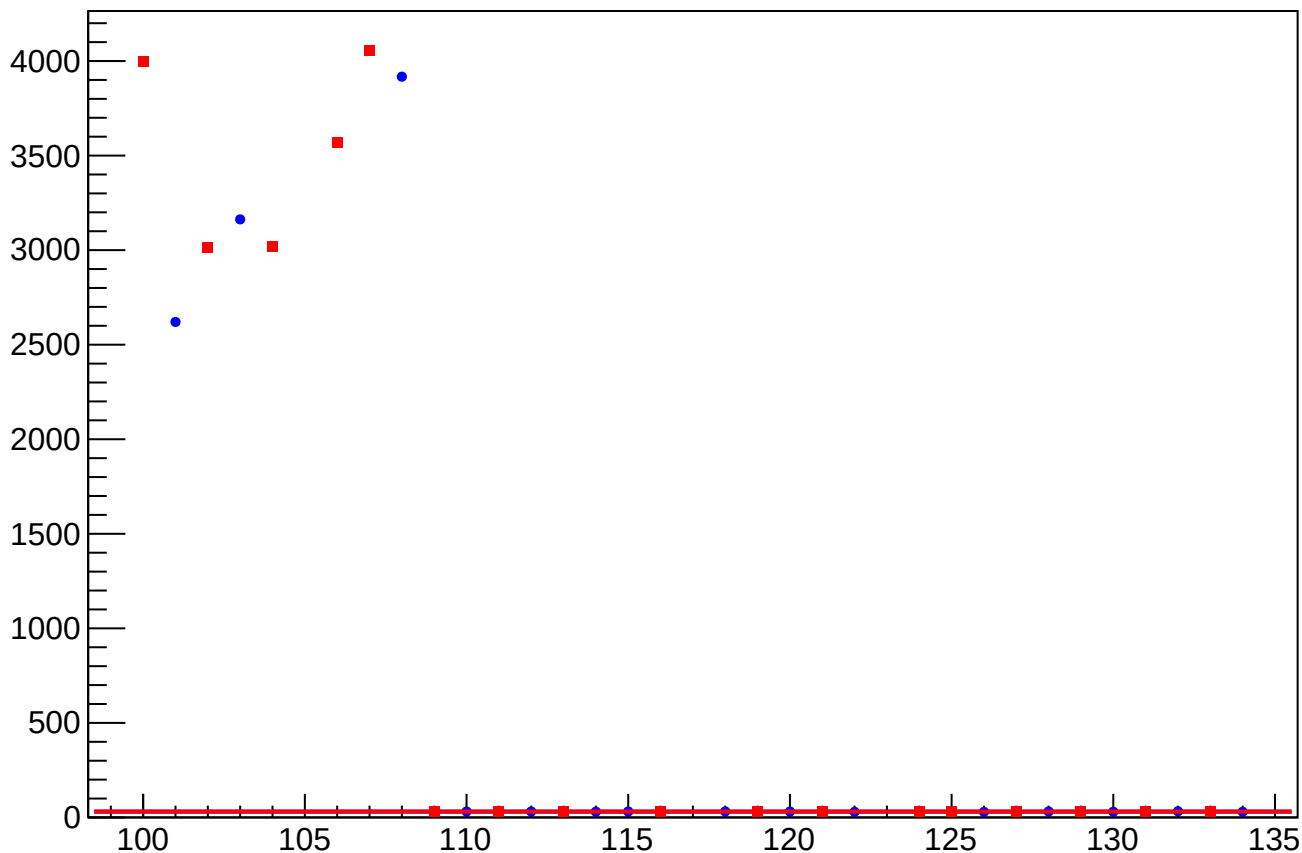
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.956+/-10.075 χ^2/NDF : 35.7/31

- sign 0.000+/-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: 30.986+/-0.010 χ^2/NDF : 3533087.3/16

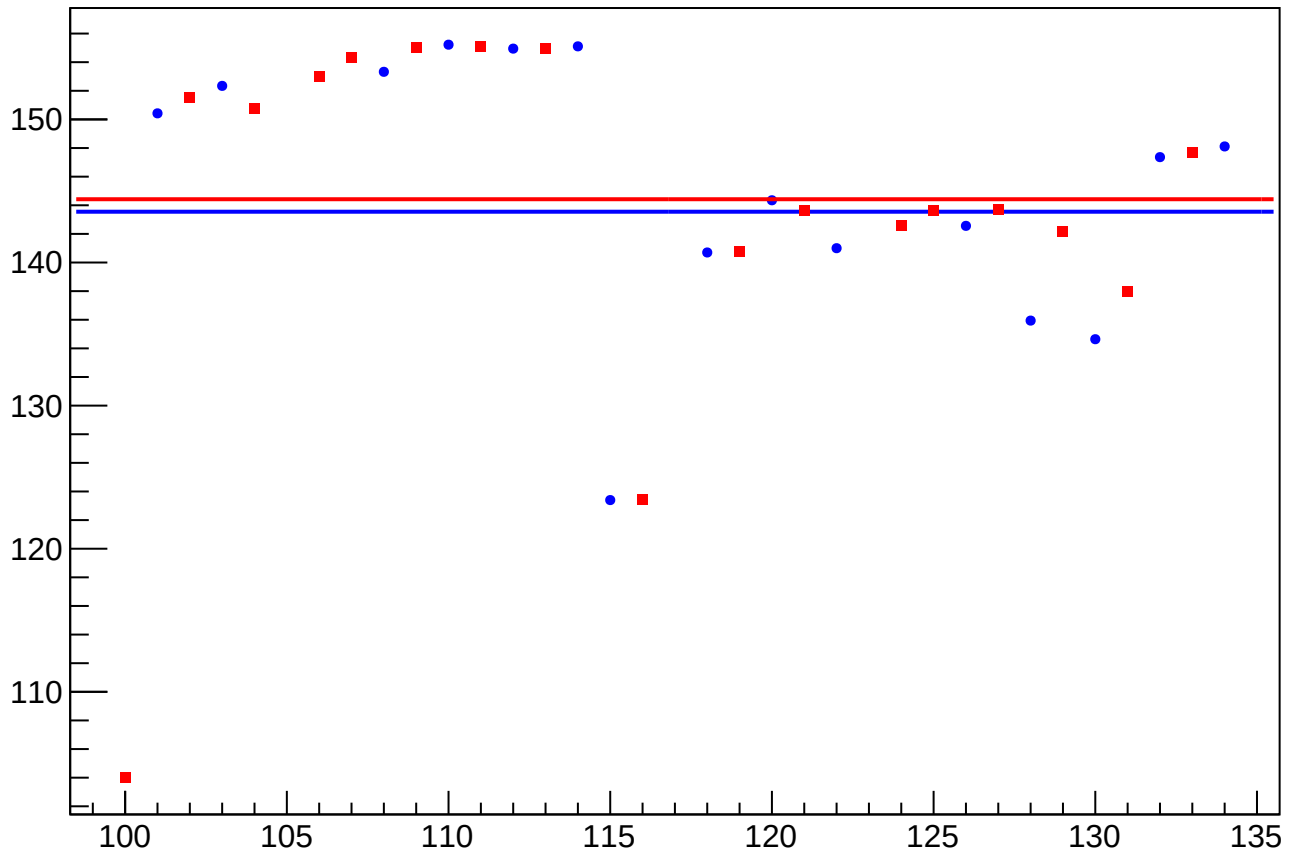
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.988+/-0.007 χ^2/NDF : 6785468.5/31

- 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: 144.423+/-0.000 χ^2/NDF : 4202069531.8/16

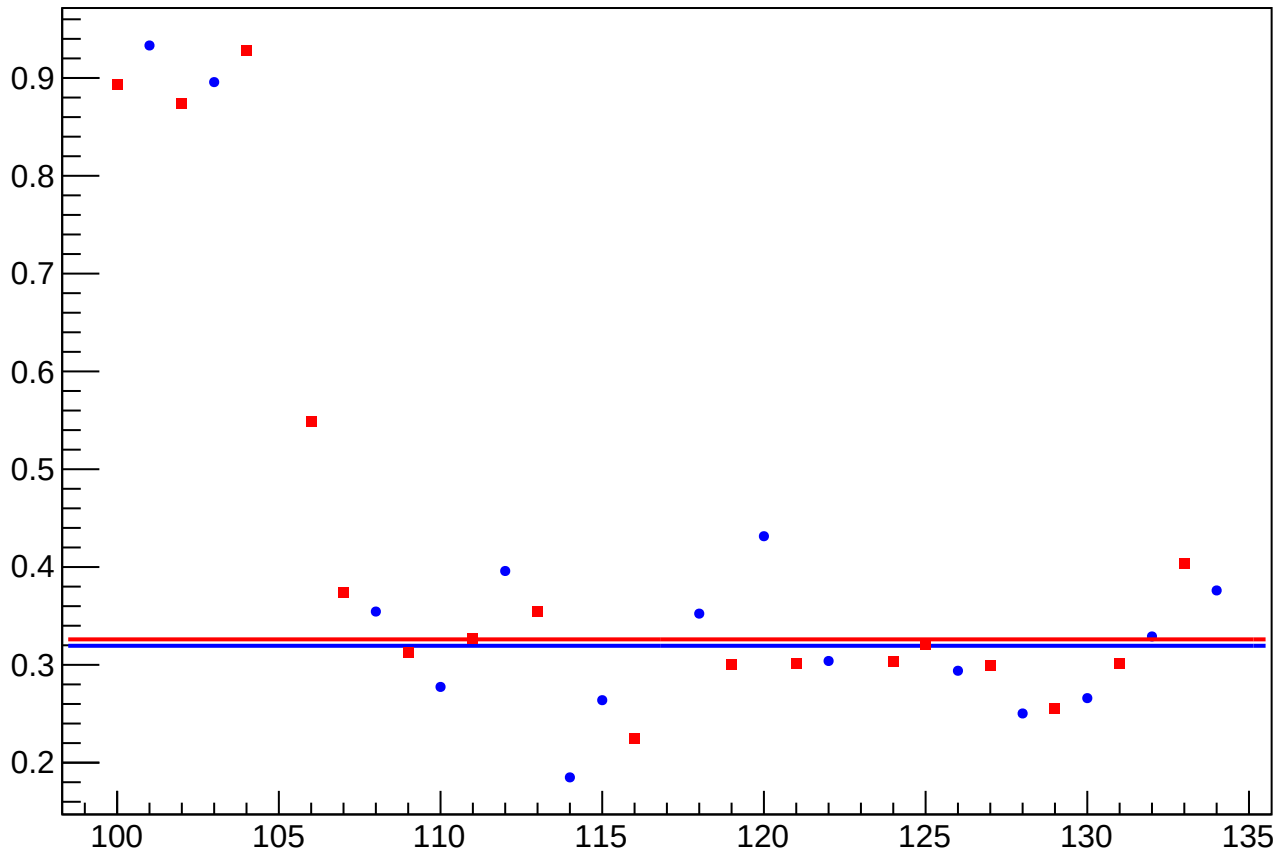
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.991+/-0.000 χ^2/NDF : 7787820936.8

- 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: 0.326+/-0.000 χ^2/NDF : 1293040.3/16

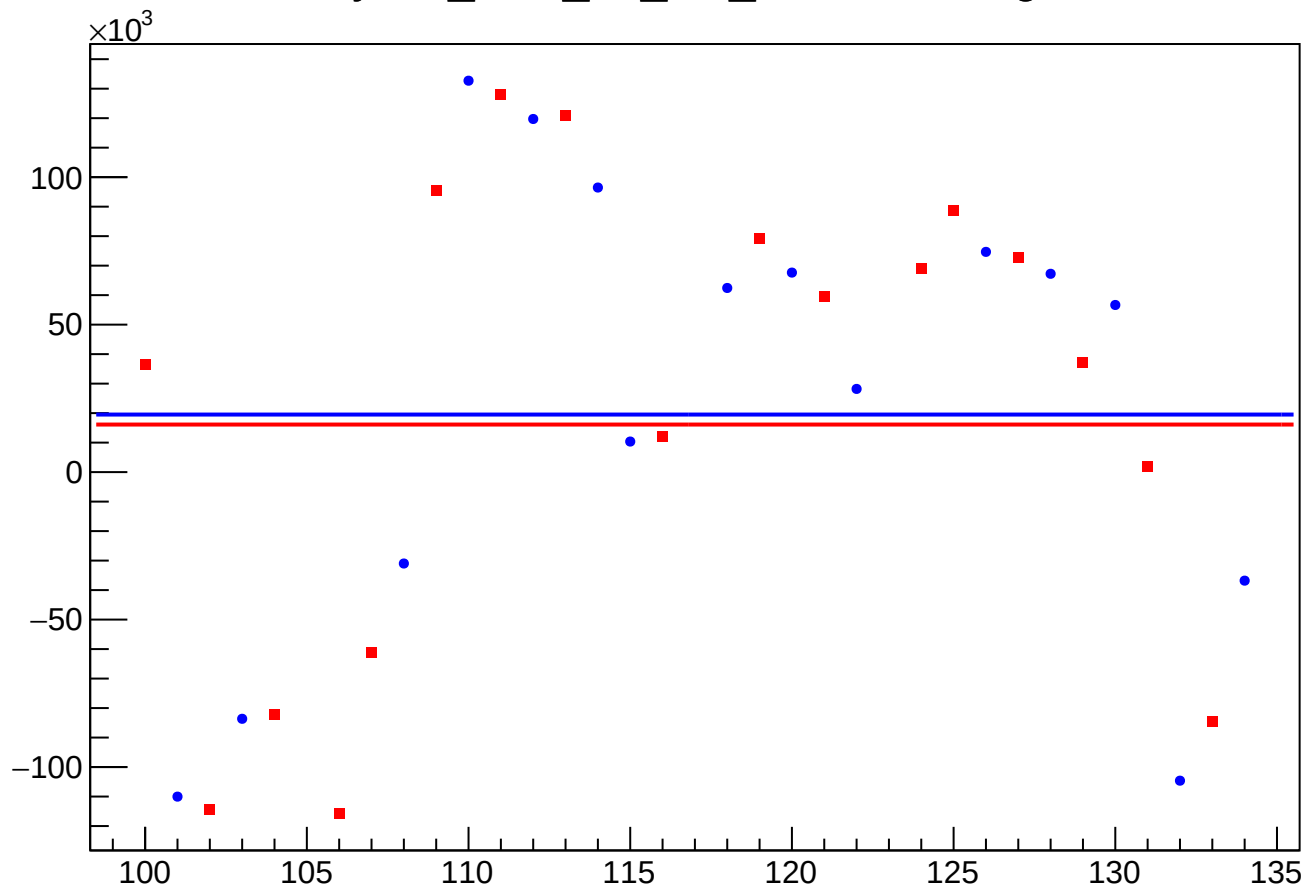
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.323+/-0.000 χ^2/NDF : 2681909.3/31

- 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

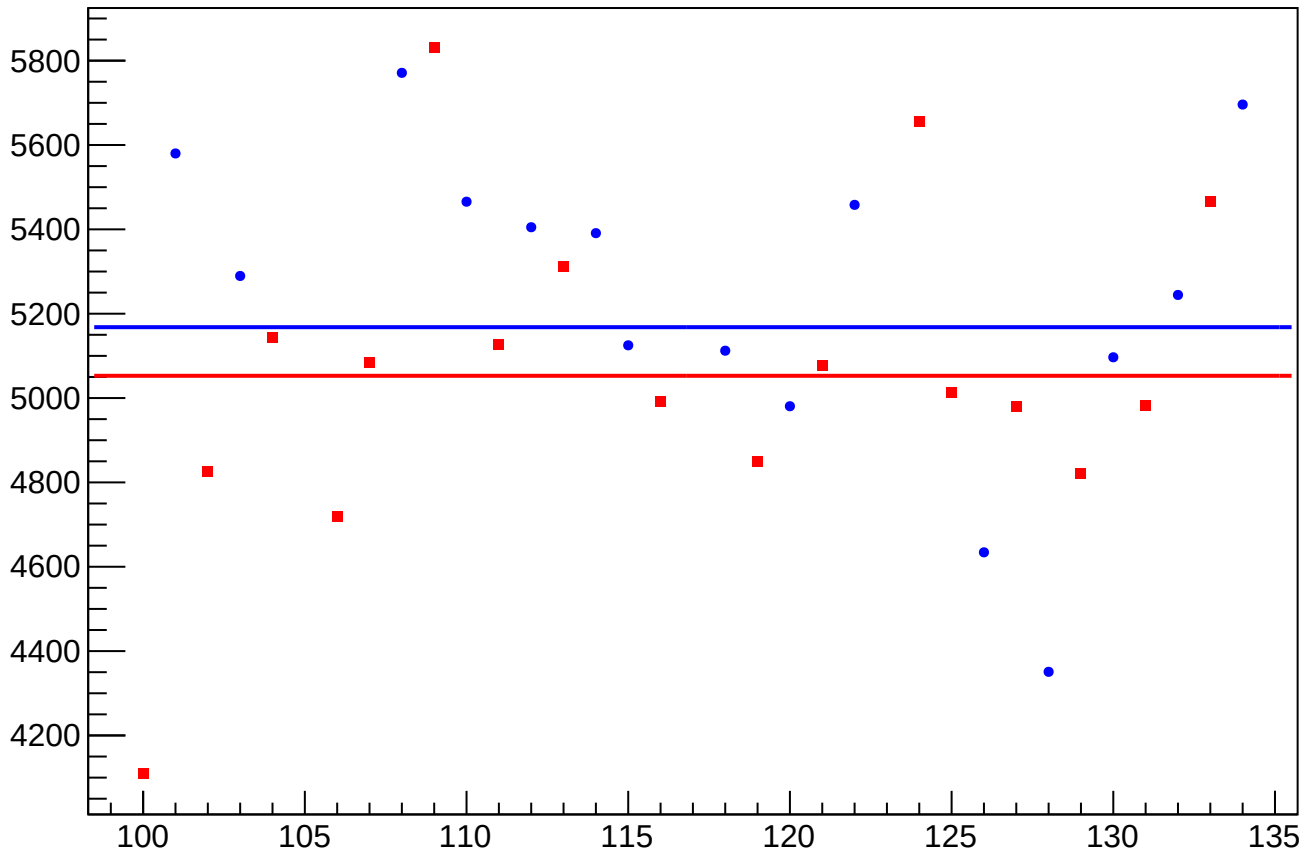
Right Out: 16123.661 $\pm$ -2.001 χ^2 /NDF: 1829403328.0/16

All: 17717.181 $\pm$ -1.457 χ^2 /NDF: 3222511870

- 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: 5052.777 $\pm$ 1.415 χ^2 /NDF: 45954.9/16

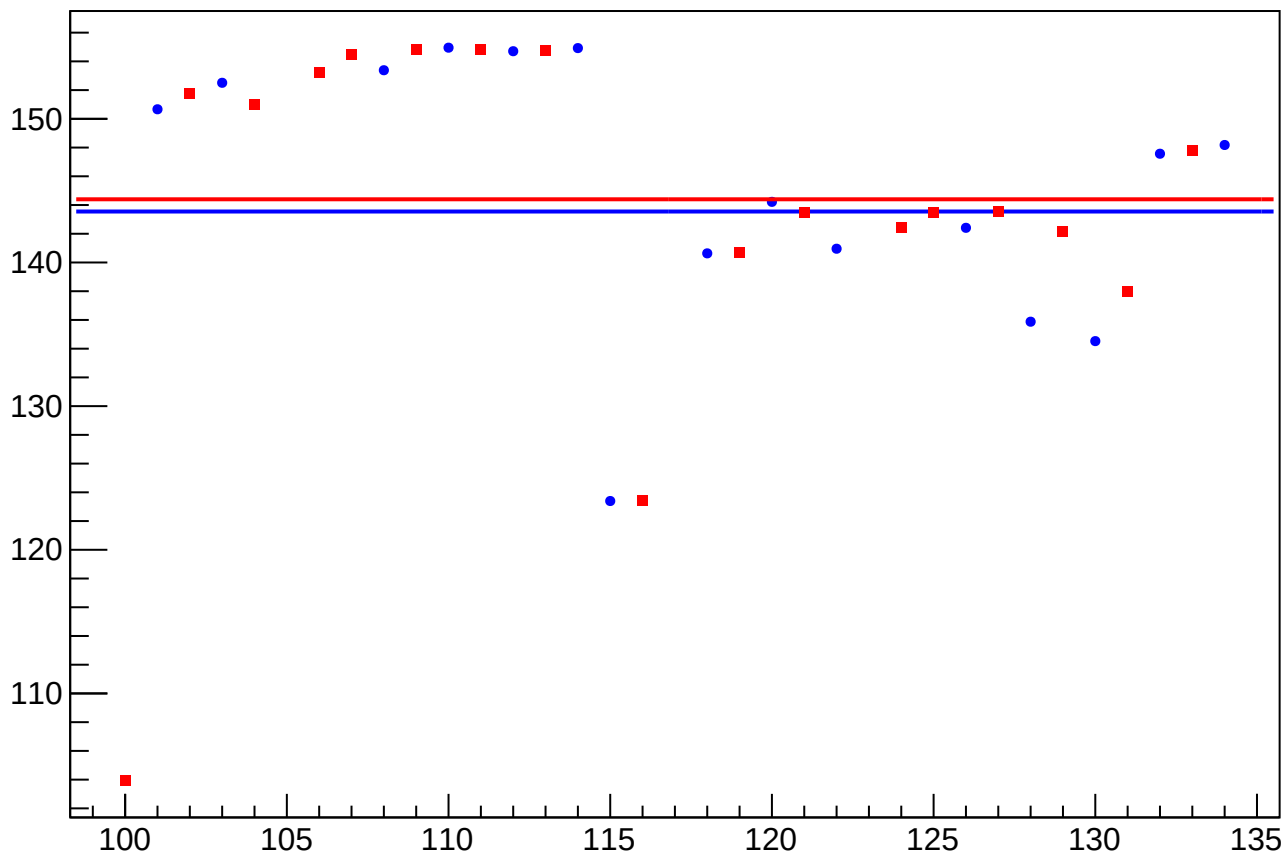
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5106.979 $\pm$ 1.030 χ^2 /NDF: 123209.1/31

- 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: 144.399 $\pm$ 0.000 χ^2 /NDF: 4228839321.3/16

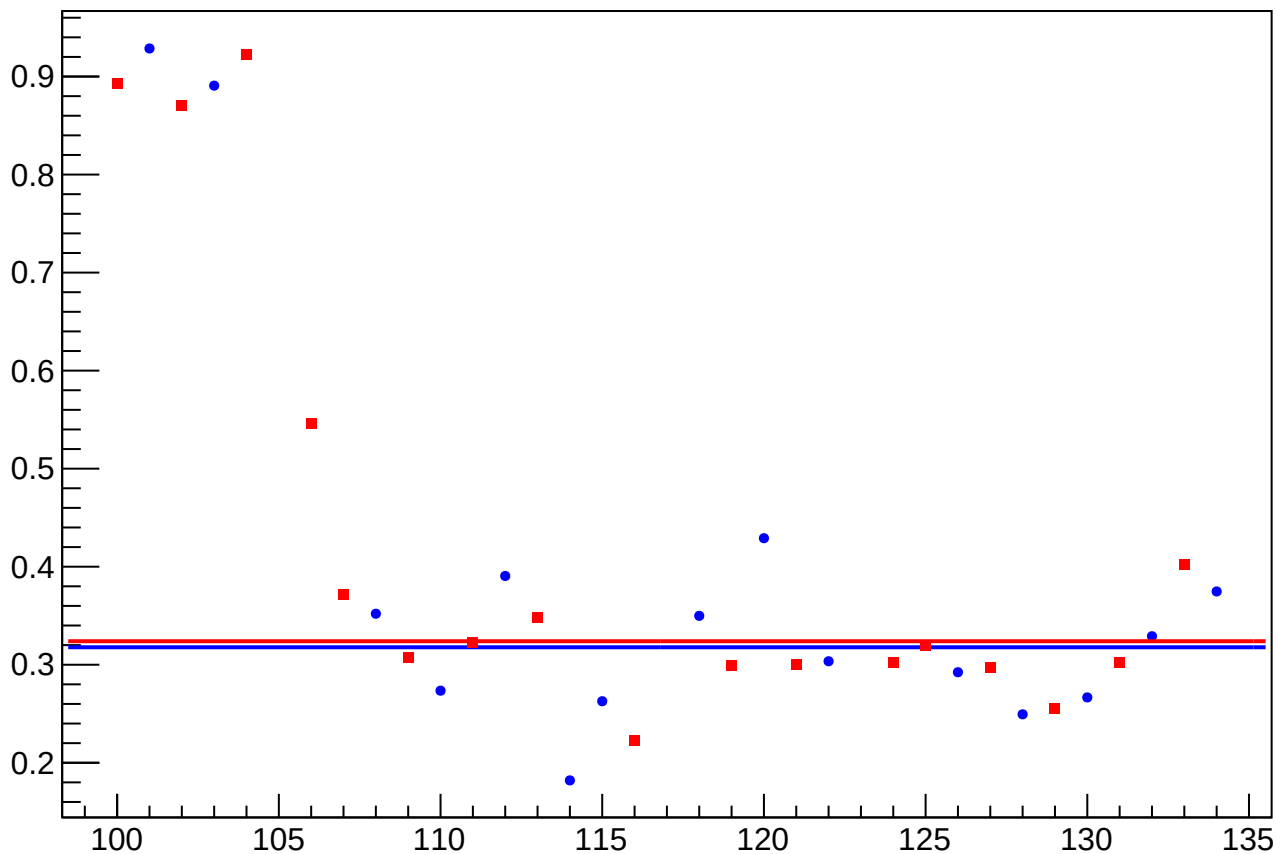
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 143.979 $\pm$ 0.000 χ^2 /NDF: 7852730118.4

- 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: 0.324 $\pm$ 0.000 χ^2 /NDF: 1291081.2/16

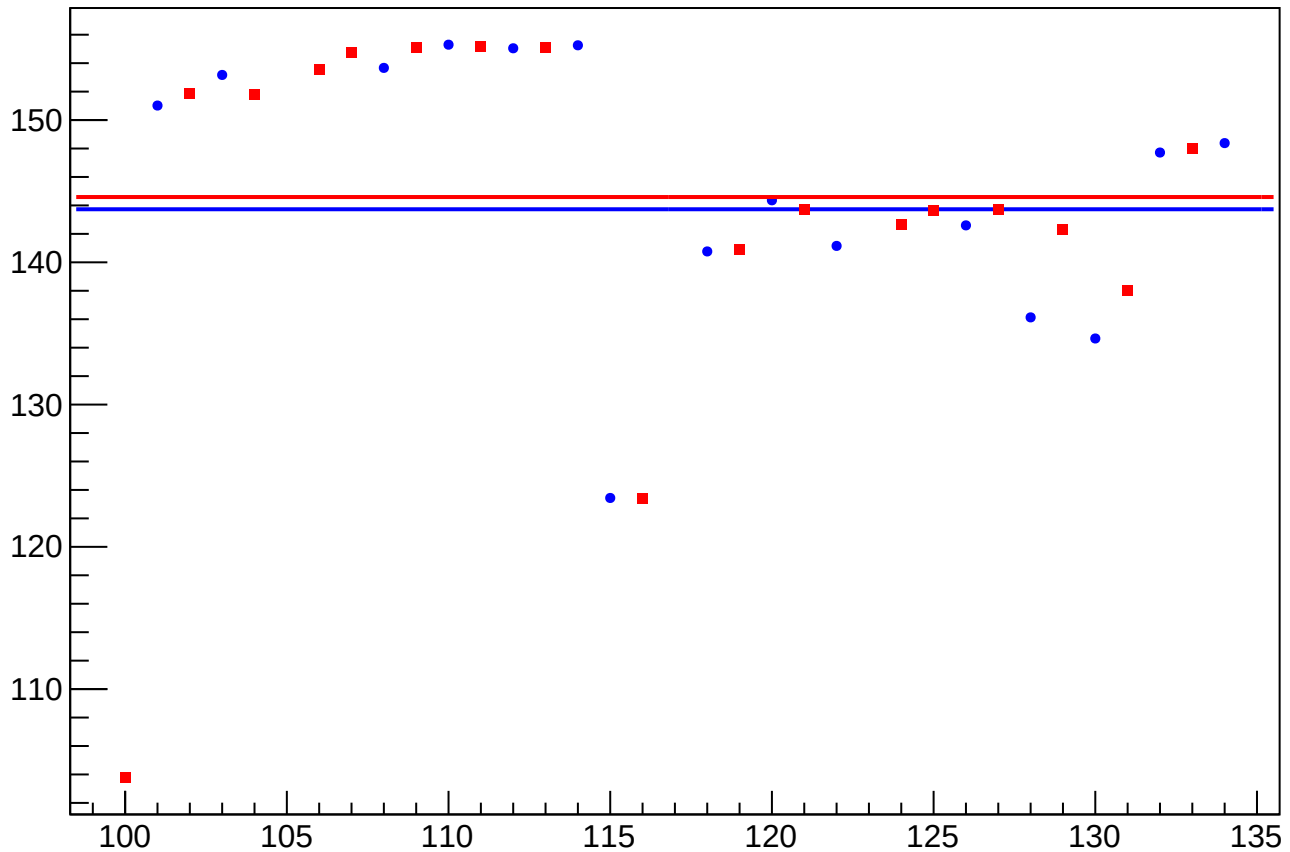
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.321 $\pm$ 0.000 χ^2 /NDF: 2679354.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_an_ds3_mean vs Slug



Right In: 143.730+/-0.000 χ^2/NDF : 3598169604.7/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

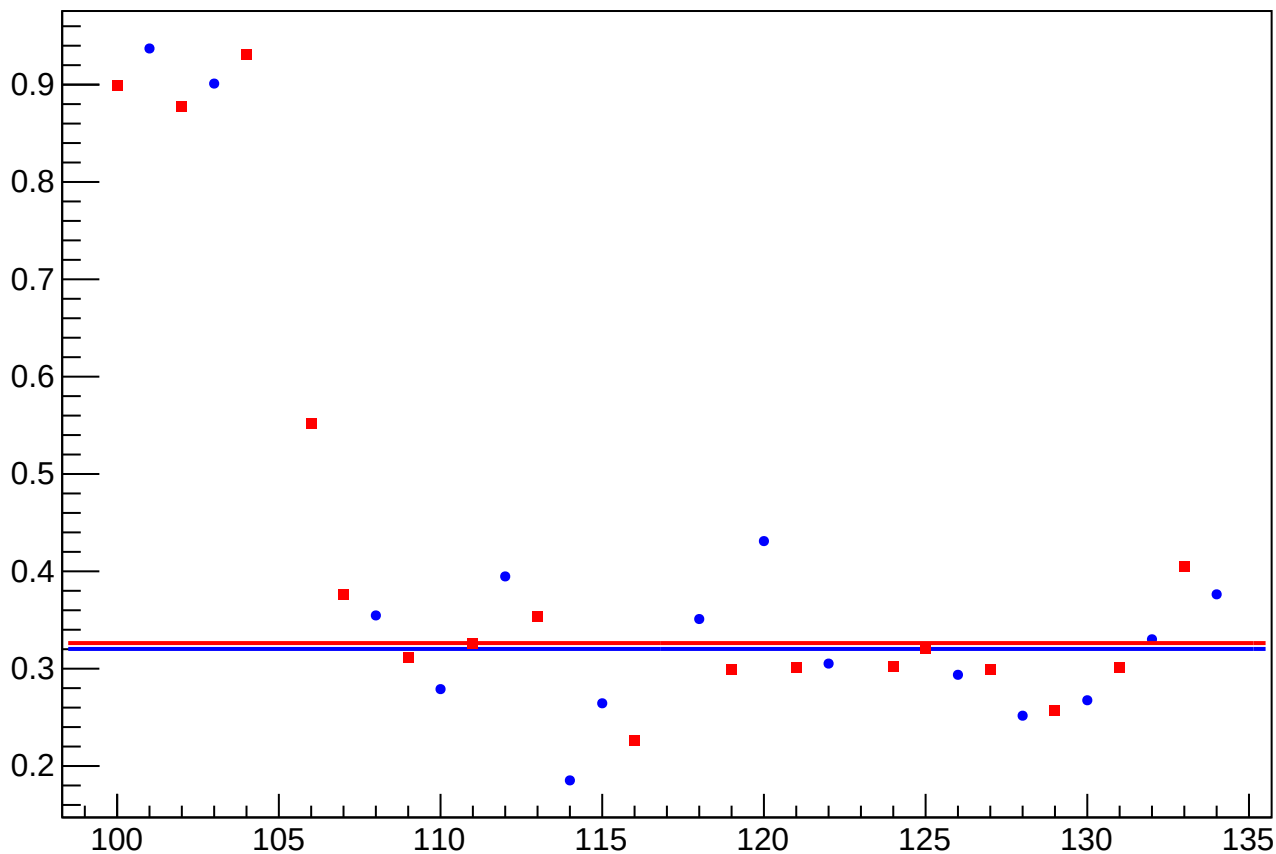
Right Out: 144.590+/-0.000 χ^2/NDF : 4220689697.8/16

All: 144.165+/-0.000 χ^2/NDF : 7837506344.3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_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: 0.326+/-0.000 χ^2/NDF : 1291782.4/16

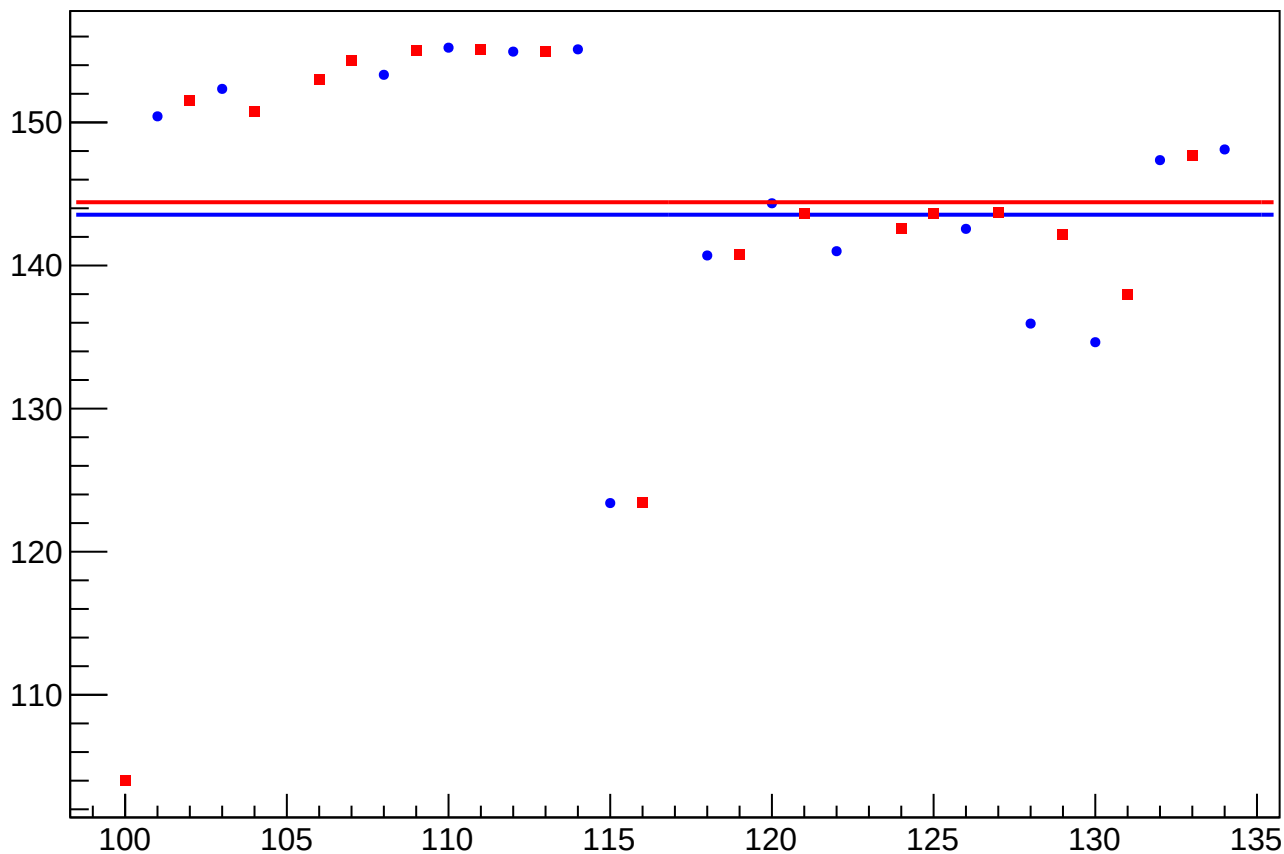
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.323+/-0.000 χ^2/NDF : 2676430.7/31

- 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

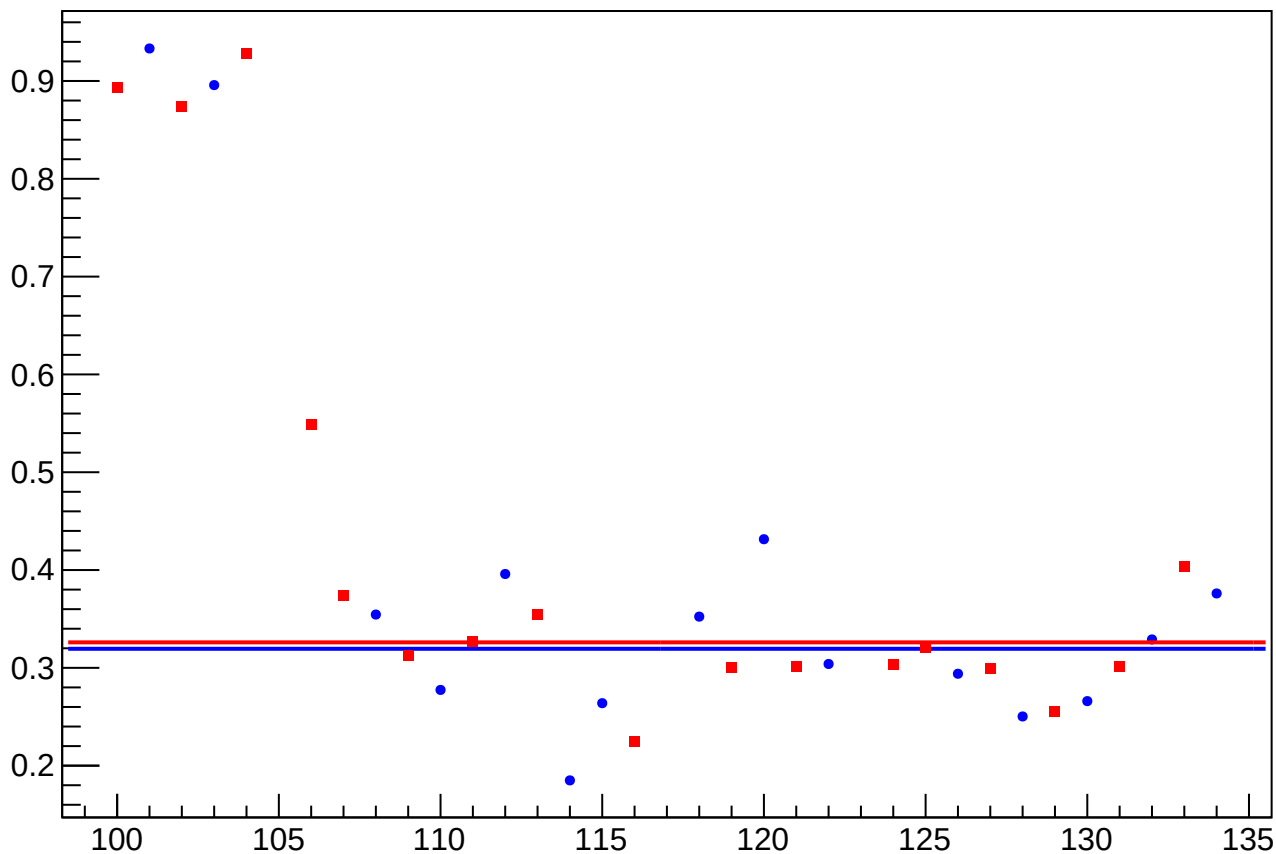
Right Out: 144.423 $\pm$ 0.000 χ^2 /NDF: 4202069531.8/16

All: 143.991 $\pm$ 0.000 χ^2 /NDF: 7787820936.8

- 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_us_rms vs Slug



Right In: 0.319 $\pm$ 0.000 χ^2 /NDF: 1386686.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.326 $\pm$ 0.000 χ^2 /NDF: 1293040.3/16

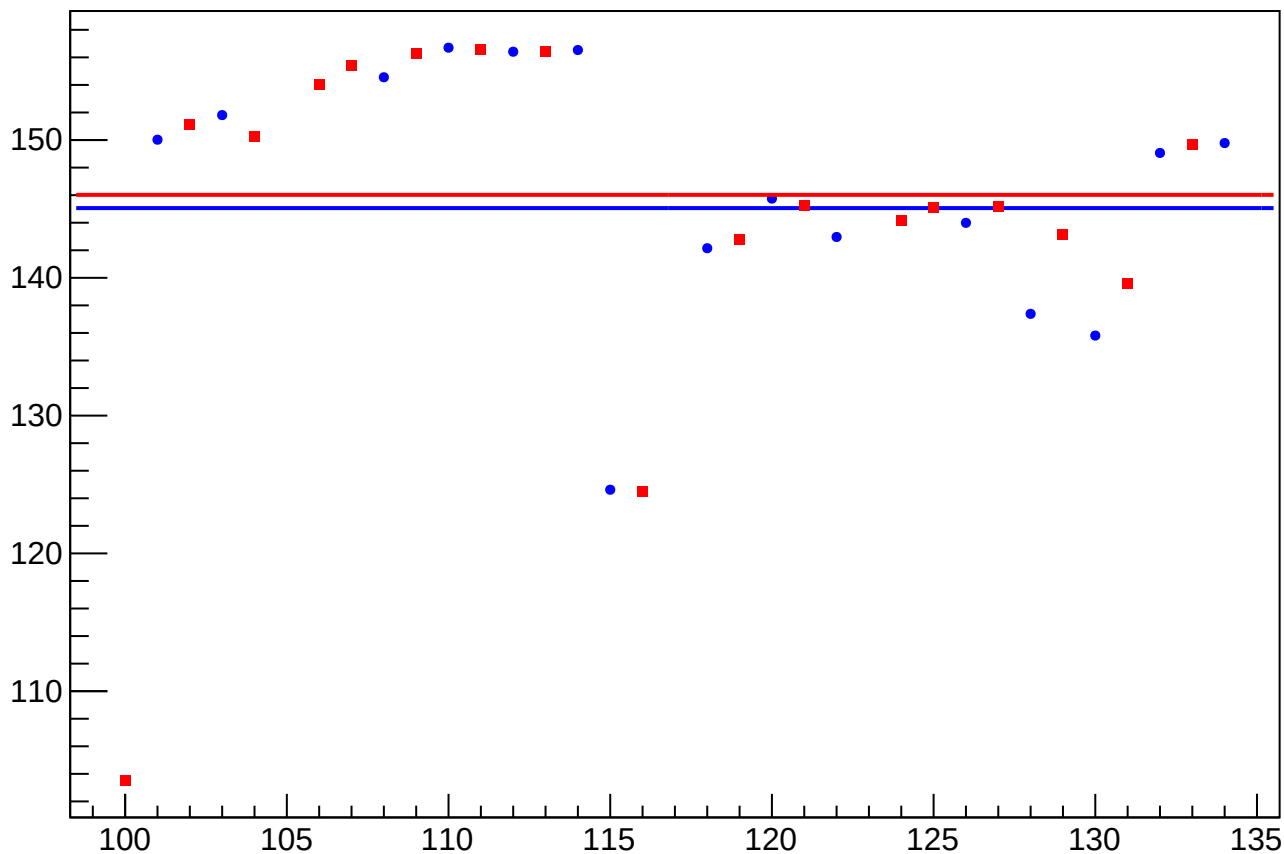
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.323 $\pm$ 0.000 χ^2 /NDF: 2681909.3/31

- sign 0.000 $\pm$ 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

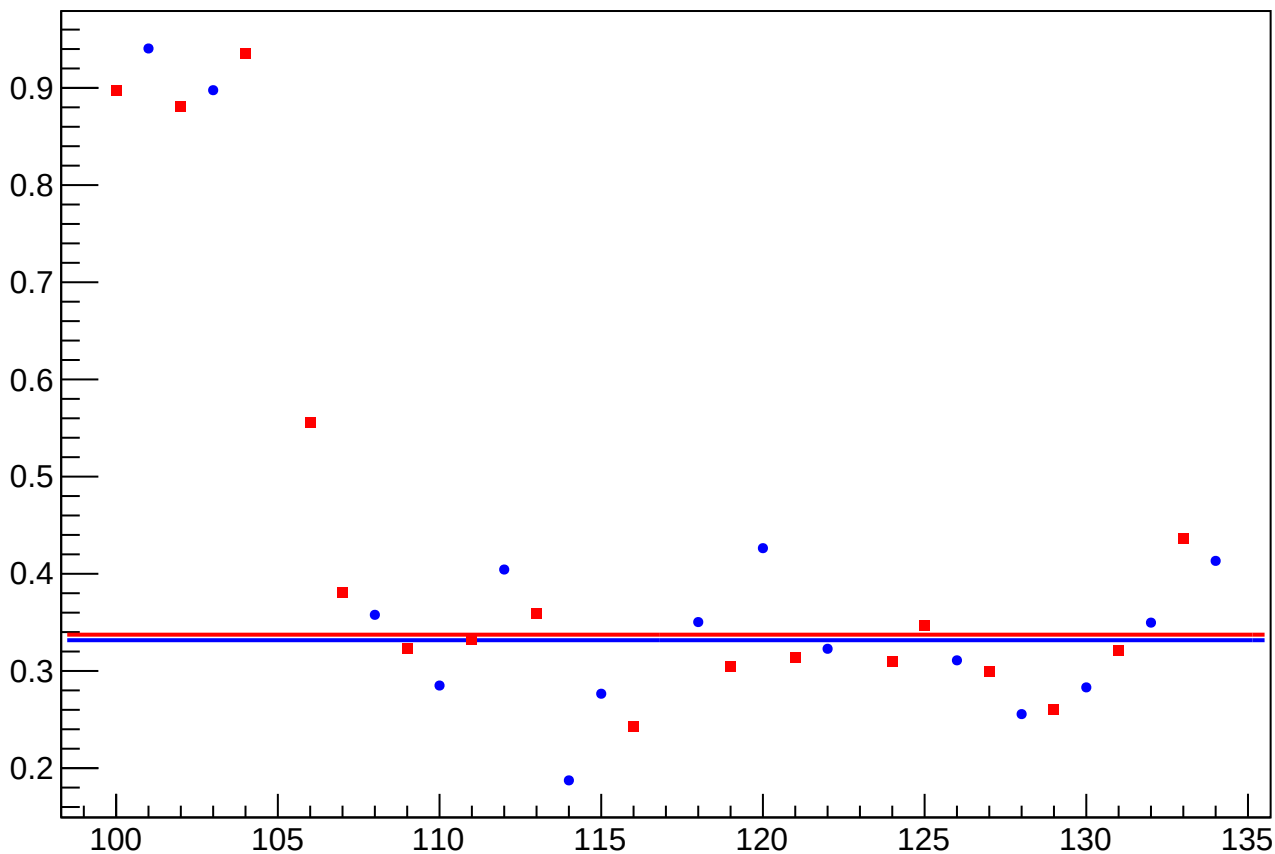
Right Out: 146.023 $\pm$ 0.000 χ^2 /NDF: 3805886689.4/16

All: 145.549 $\pm$ 0.000 χ^2 /NDF: 7162809524.7

- 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: 0.337+/-0.000 χ^2/NDF : 1259804.8/16

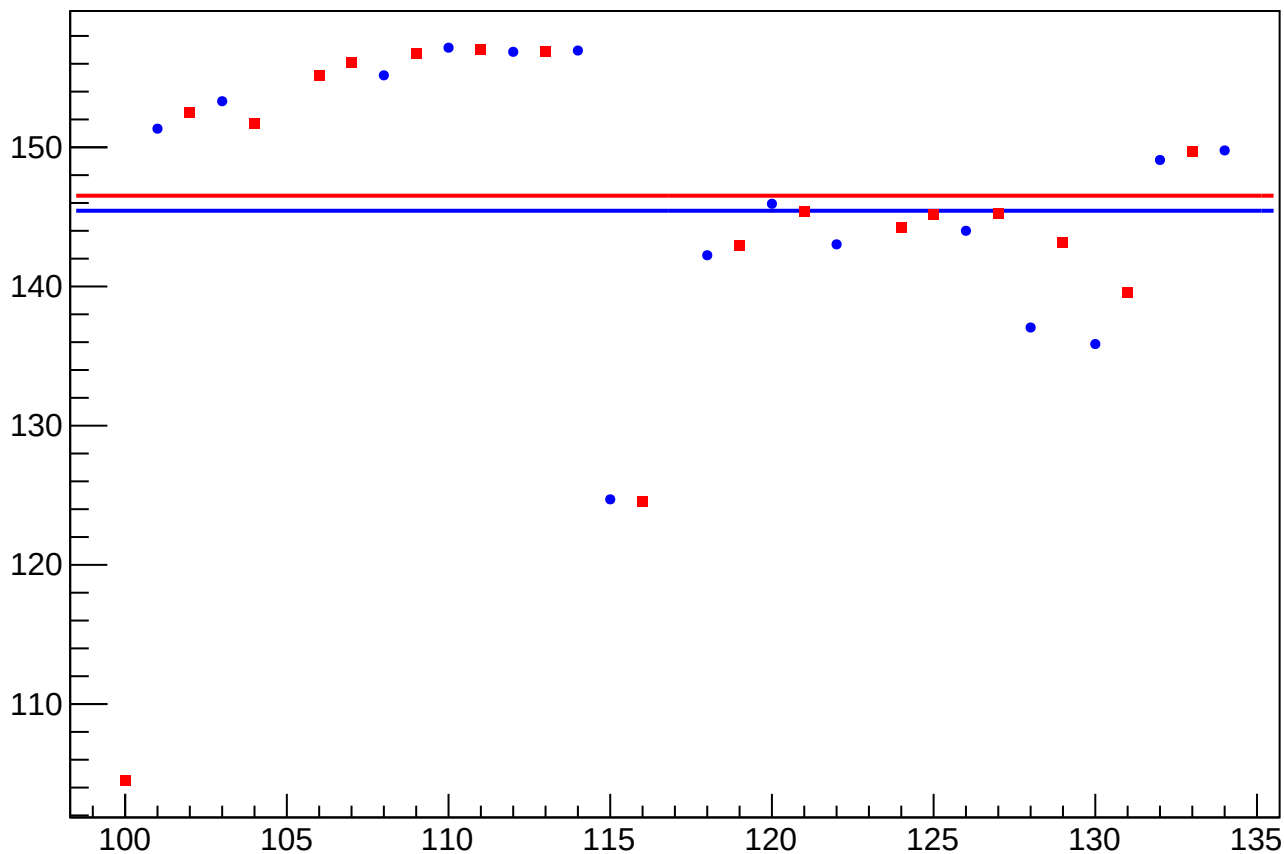
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.335+/-0.000 χ^2/NDF : 2610415.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_dg_ds_mean vs Slug



Right In: 145.441+/-0.000 χ^2/NDF : 3499321146.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.522+/-0.000 χ^2/NDF : 3901132984.1/16

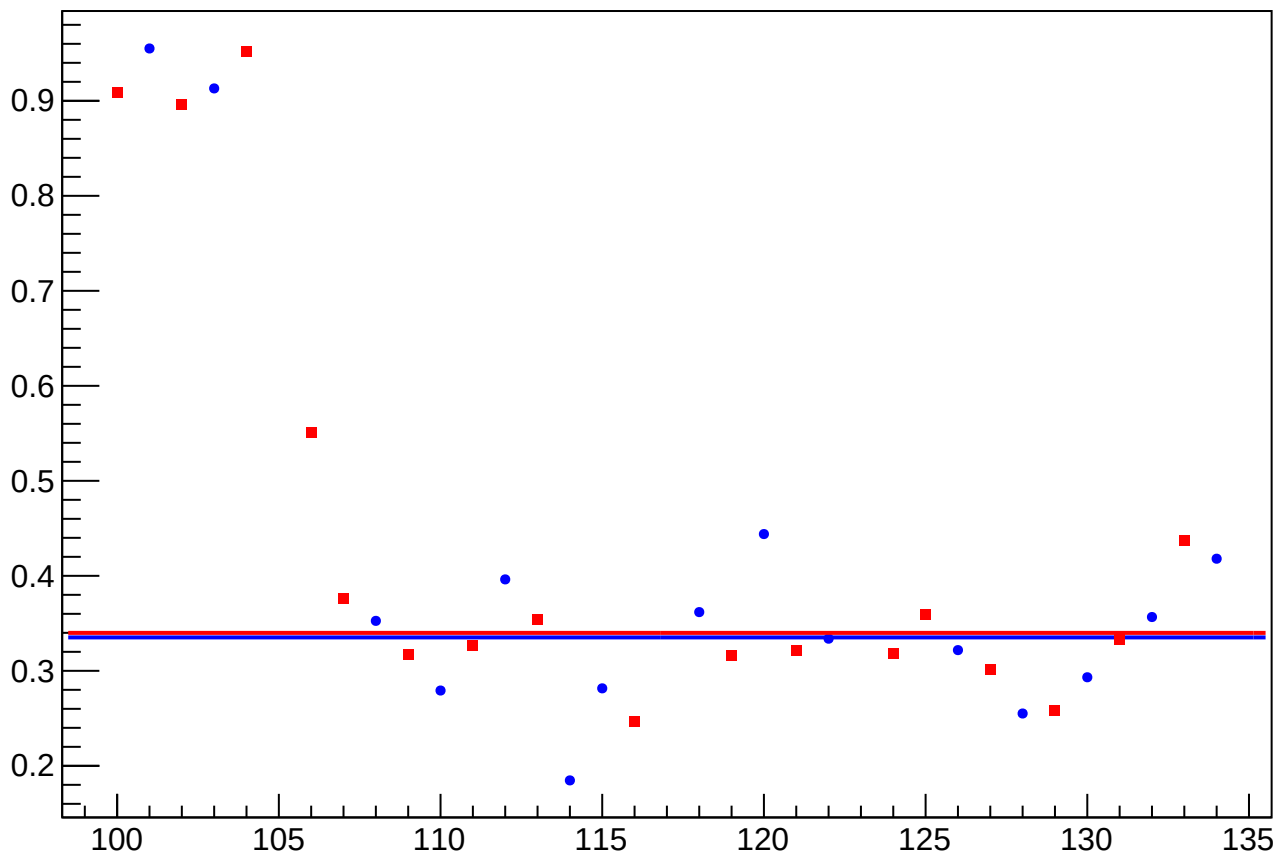
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.990+/-0.000 χ^2/NDF : 7427451973.3

- sign 0.000+/-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: 0.340 $\pm$ 0.000 χ^2 /NDF: 1258089.4/16

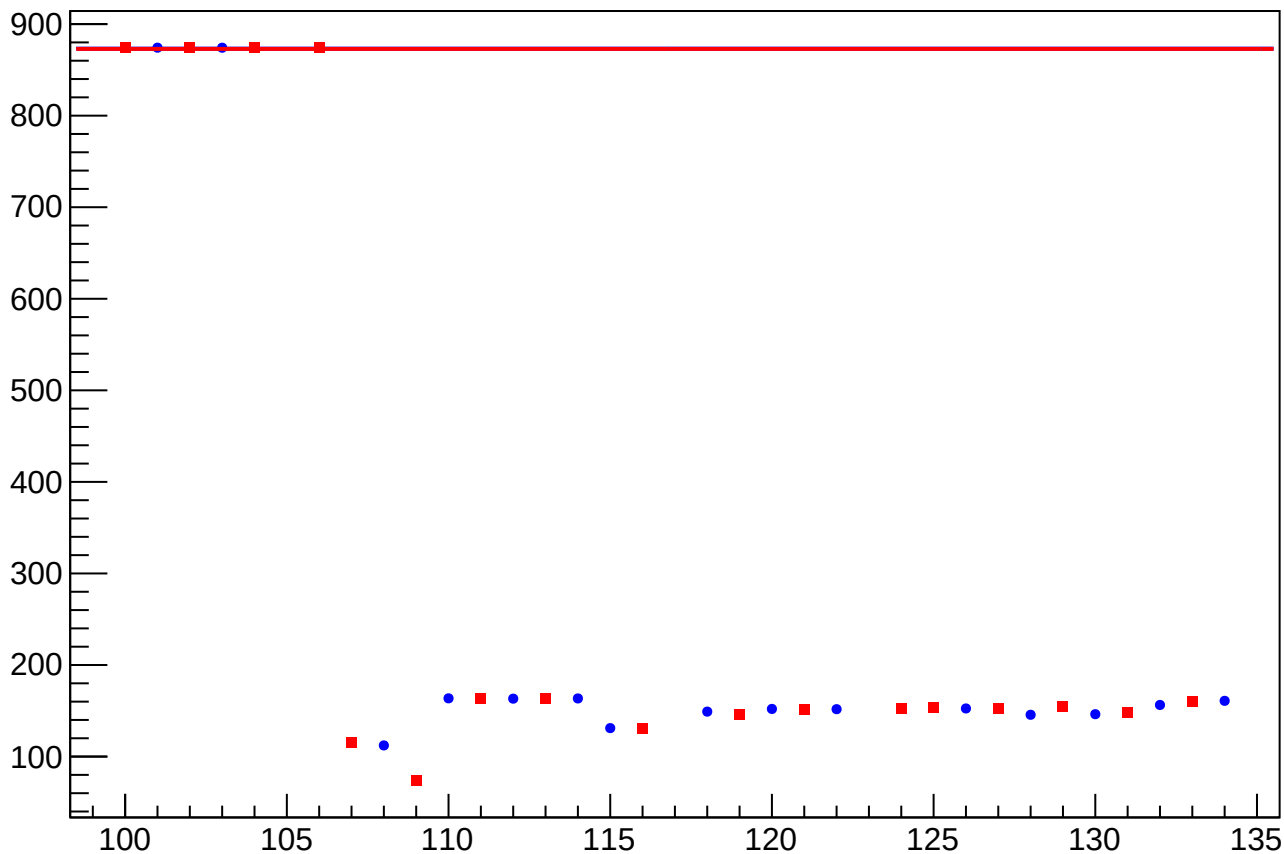
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.338 $\pm$ 0.000 χ^2 /NDF: 2632508.2/31

- 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

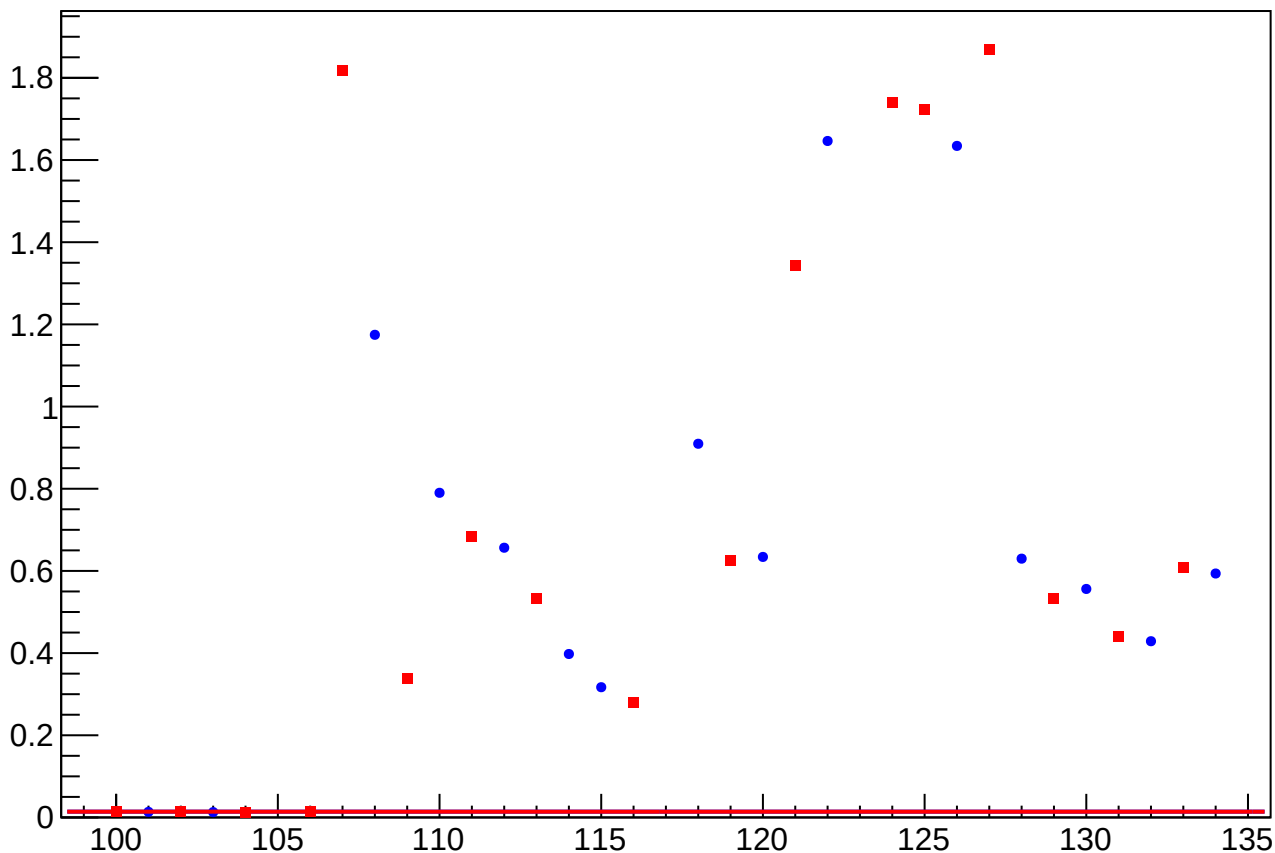
All: 873.027+/-0.000 χ^2/NDF : 13259802890

Right Out: 872.912+/-0.000 χ^2/NDF : 7777507153654.9/16

- 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 : 8170846.9/16

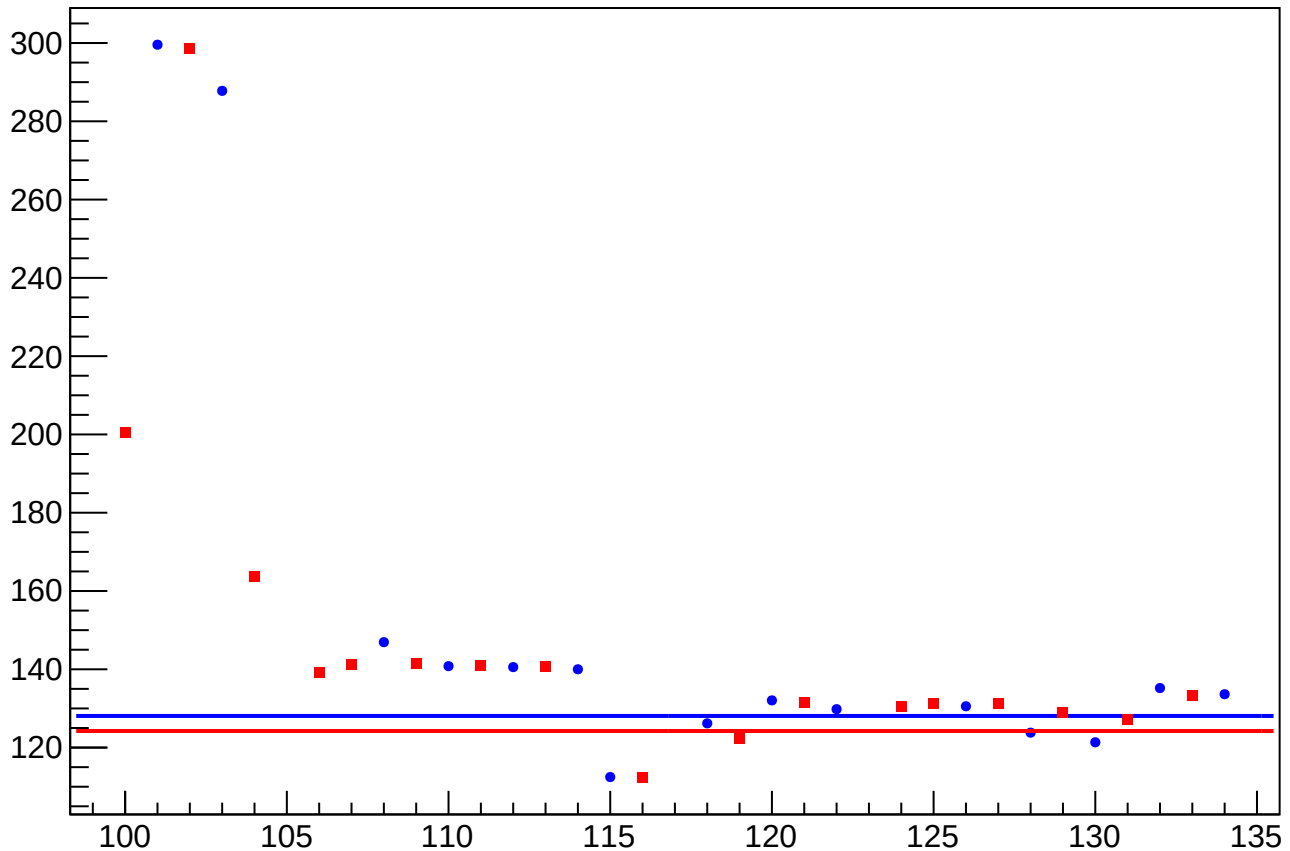
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 16220443.1/31

- 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

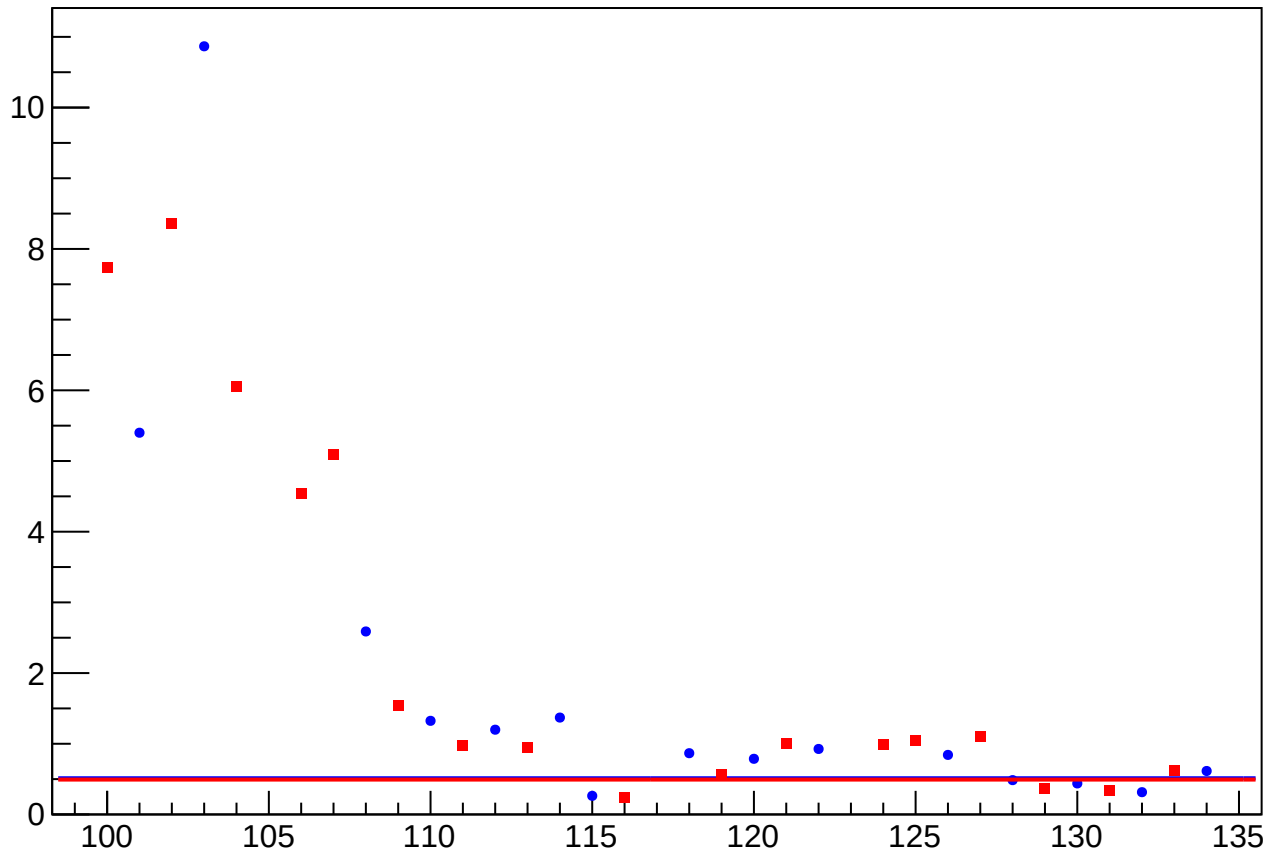
Right Out: 124.238+/-0.000 χ^2/NDF : 1331054119.6/16

All: 126.111+/-0.000 χ^2/NDF : 3034197843.2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cQ_rms vs Slug



Right In: 0.512 $\pm$ 0.000 χ^2 /NDF: 4106971.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.493 $\pm$ 0.000 χ^2 /NDF: 4870542.8/16

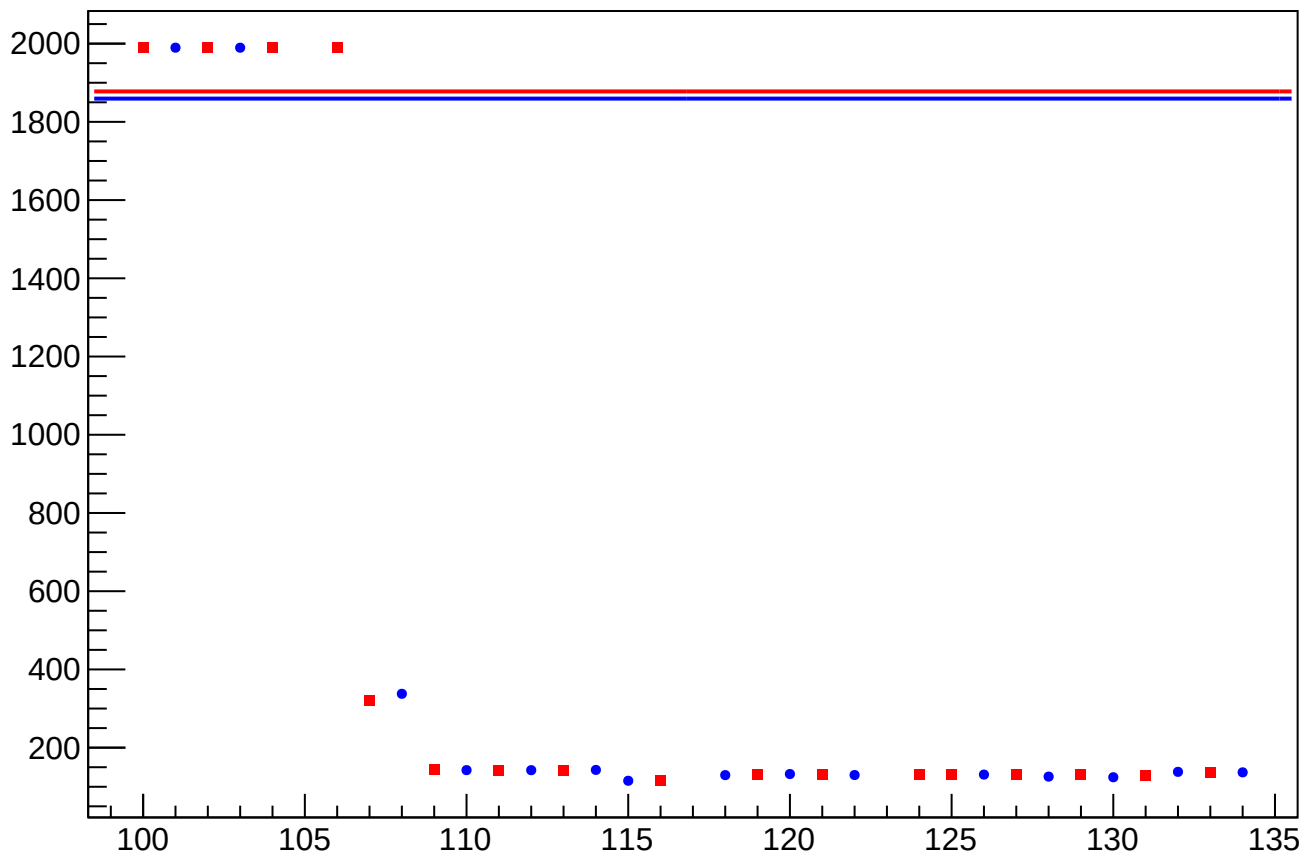
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.503 $\pm$ 0.000 χ^2 /NDF: 8982017.4/31

- sign 0.000 $\pm$ 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

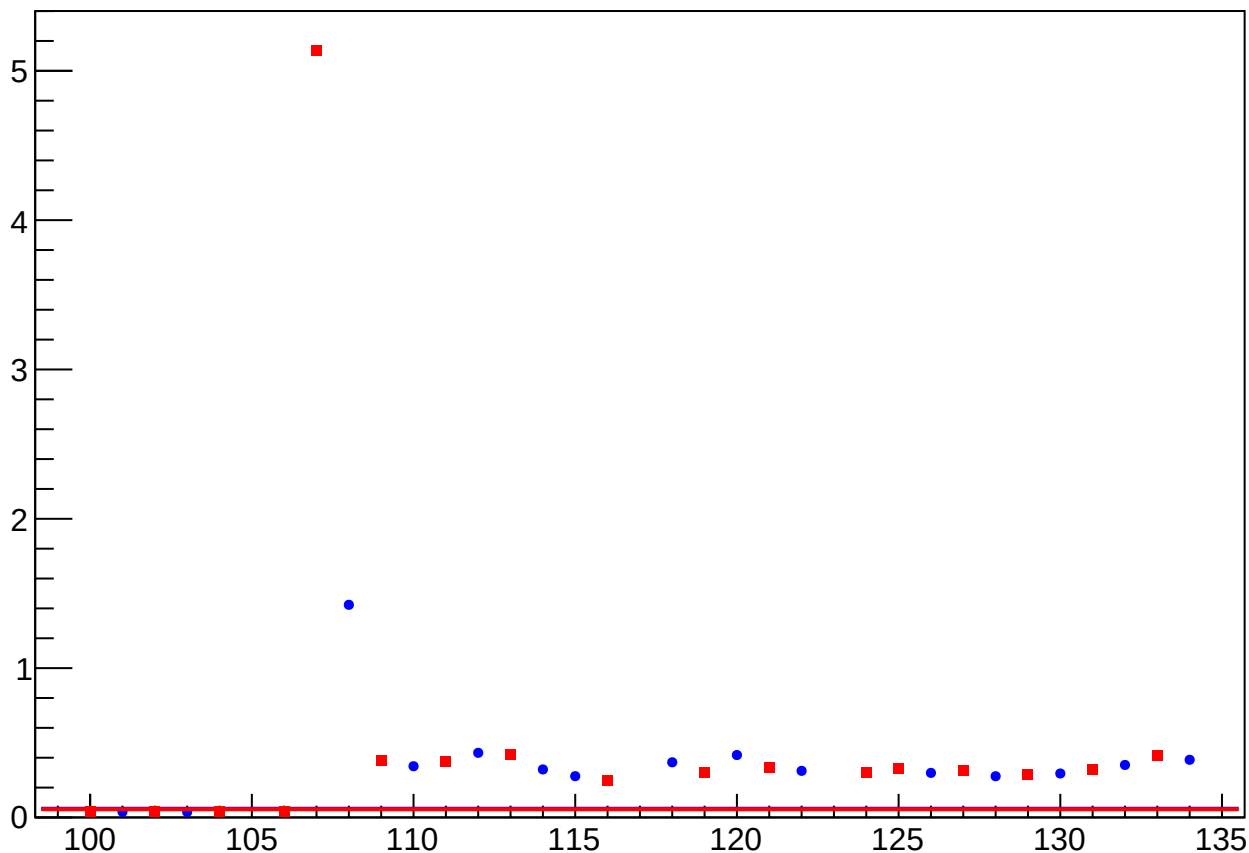
All: 1869.342+/-0.000 χ^2/NDF : 25606606782

Right Out: 1877.780+/-0.000 χ^2/NDF : 129137086421470.0/16

- 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: 0.055+/-0.000 χ^2/NDF : 6770042.3/16

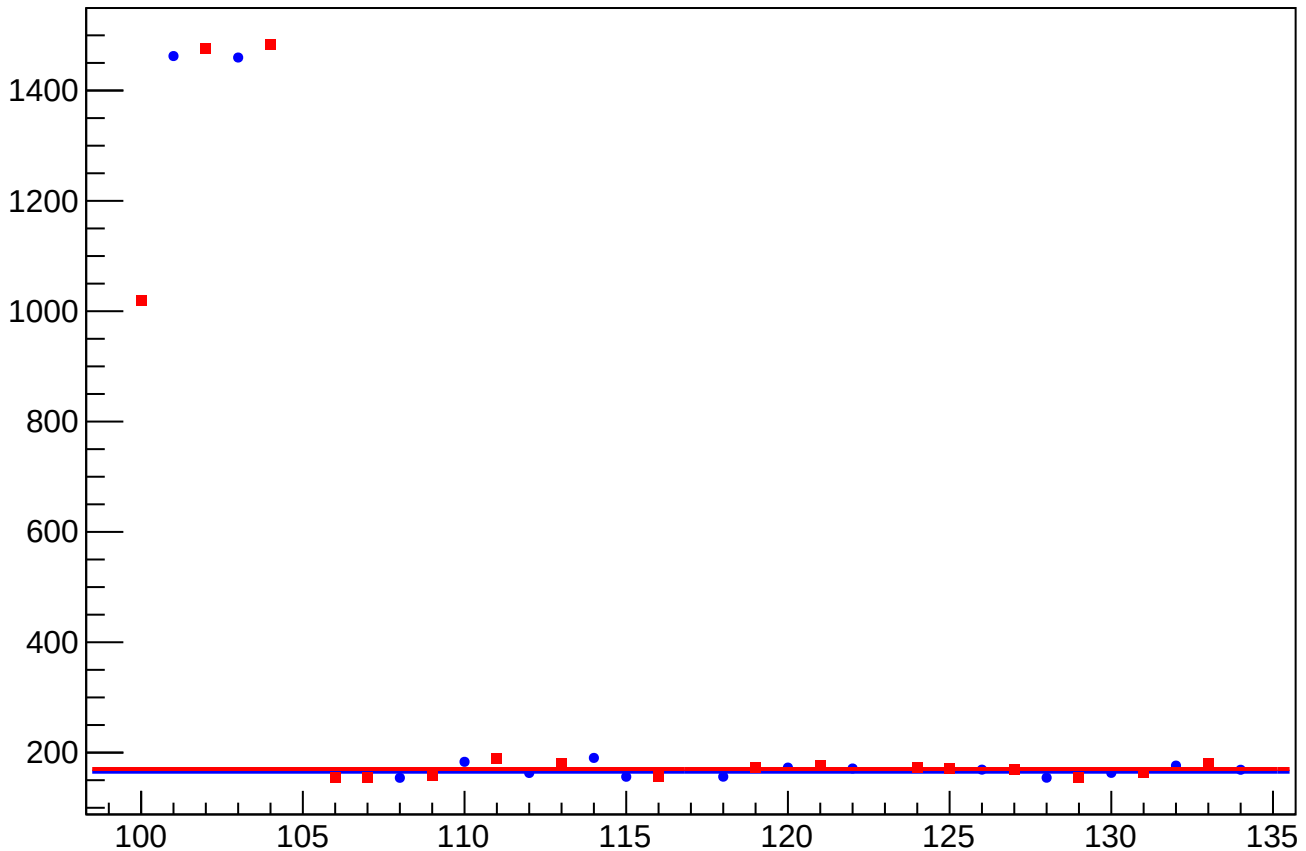
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.057+/-0.000 χ^2/NDF : 13759034.3/31

- 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

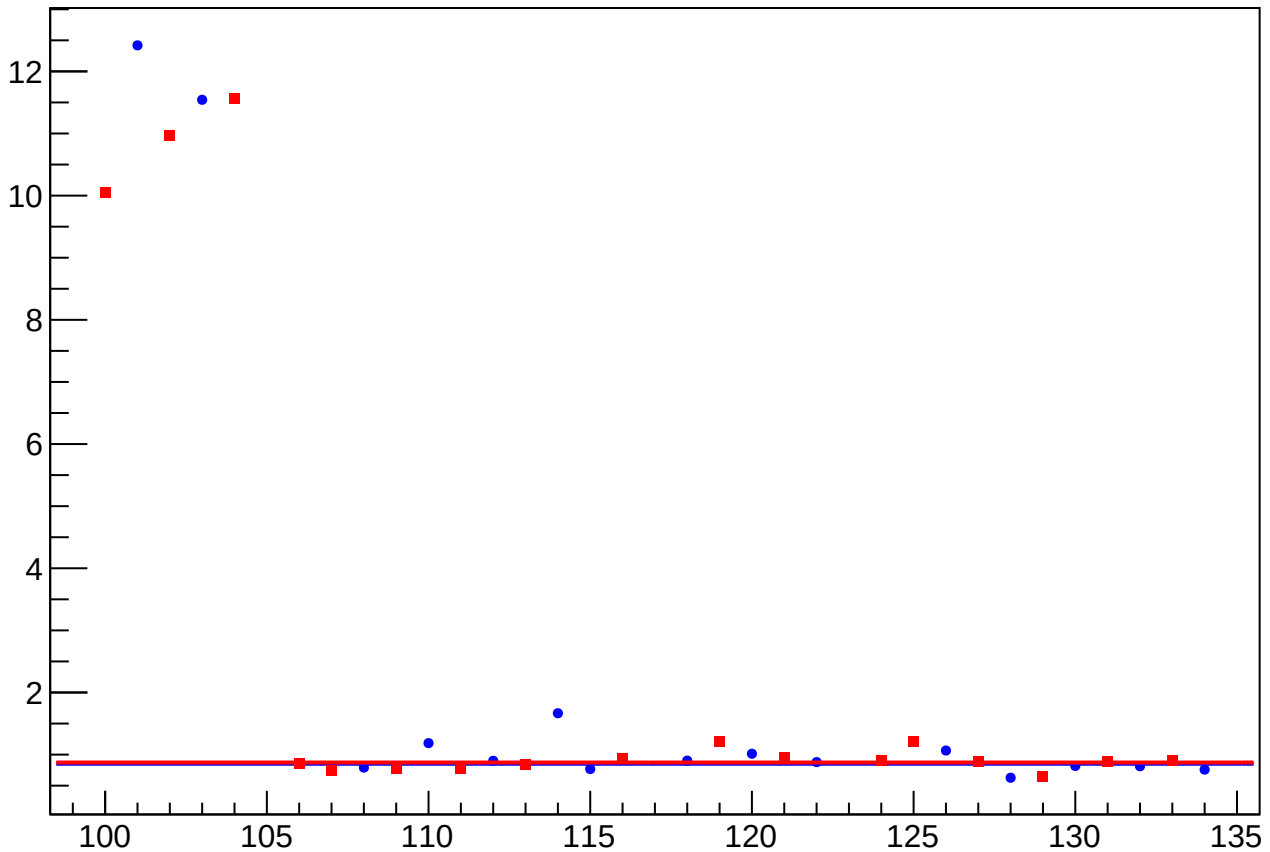
Right Out: 170.280+/-0.000 χ^2/NDF : 16232825576.4/16

All: 167.868+/-0.000 χ^2/NDF : 30794909775.

- 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: 0.873+/-0.000 χ^2/NDF : 2181829.9/16

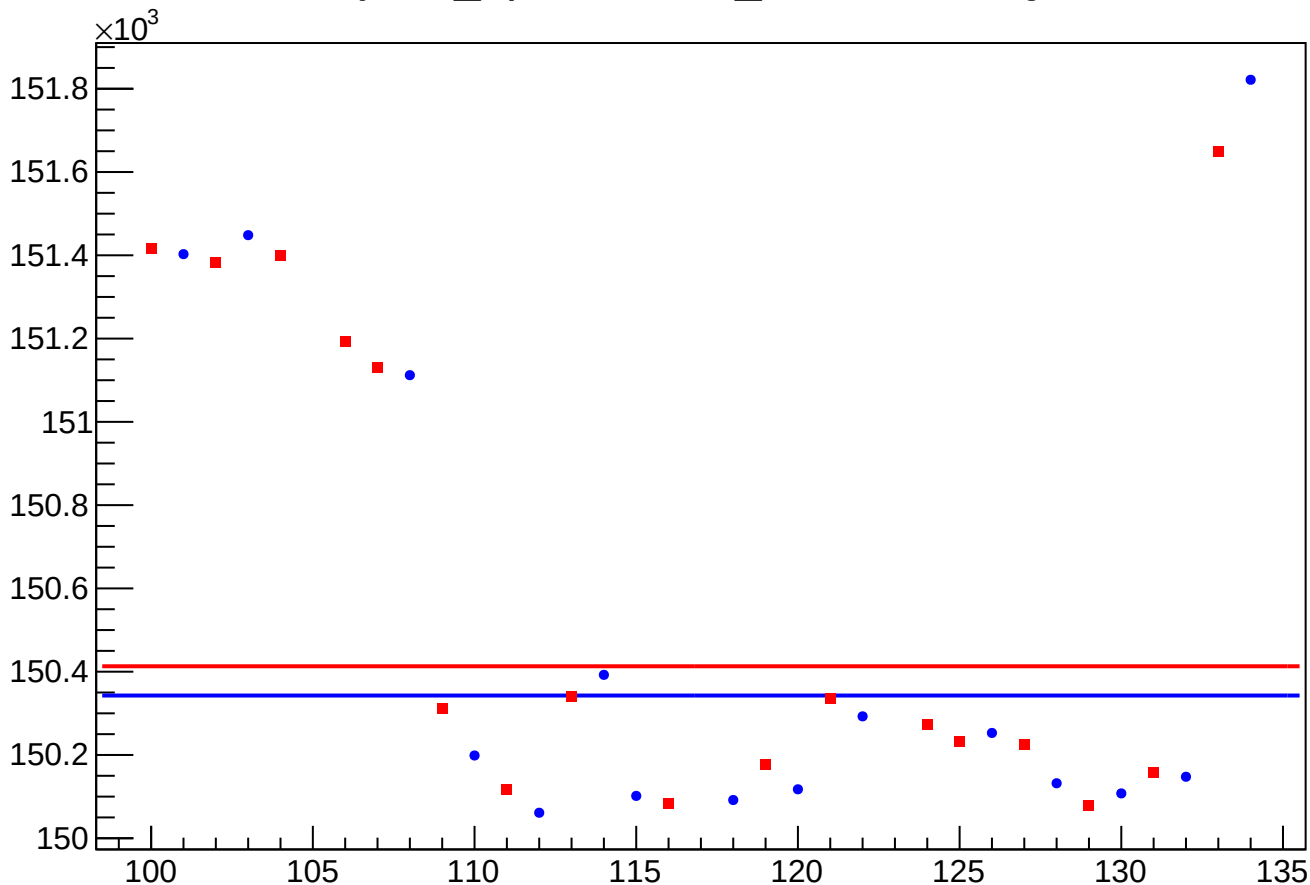
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.863+/-0.000 χ^2/NDF : 4486040.9/31

- 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

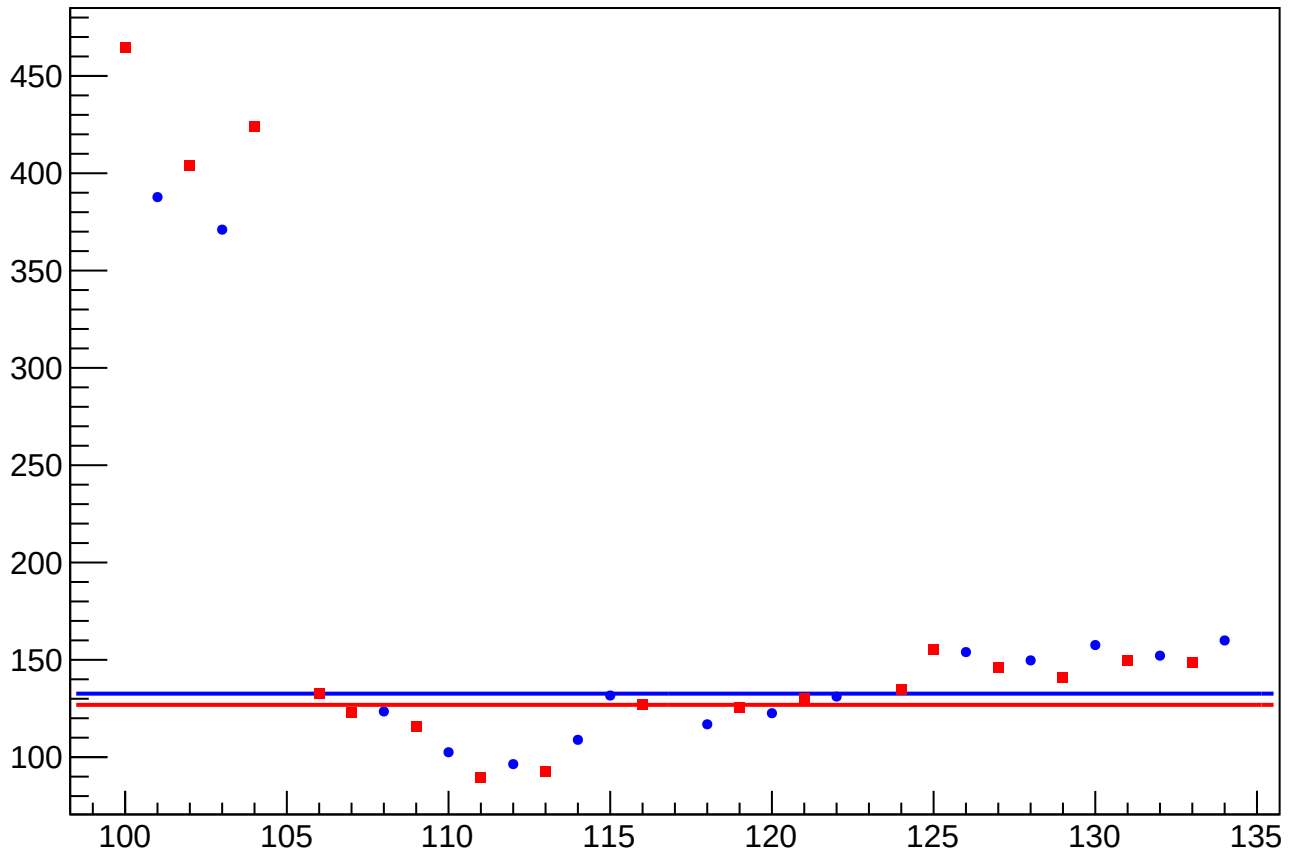
Right Out: 150413.023 $\pm$ 0.053 χ^2 /NDF: 70824477.2/16

All: 150380.845 $\pm$ 0.039 χ^2 /NDF: 138279383

- 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

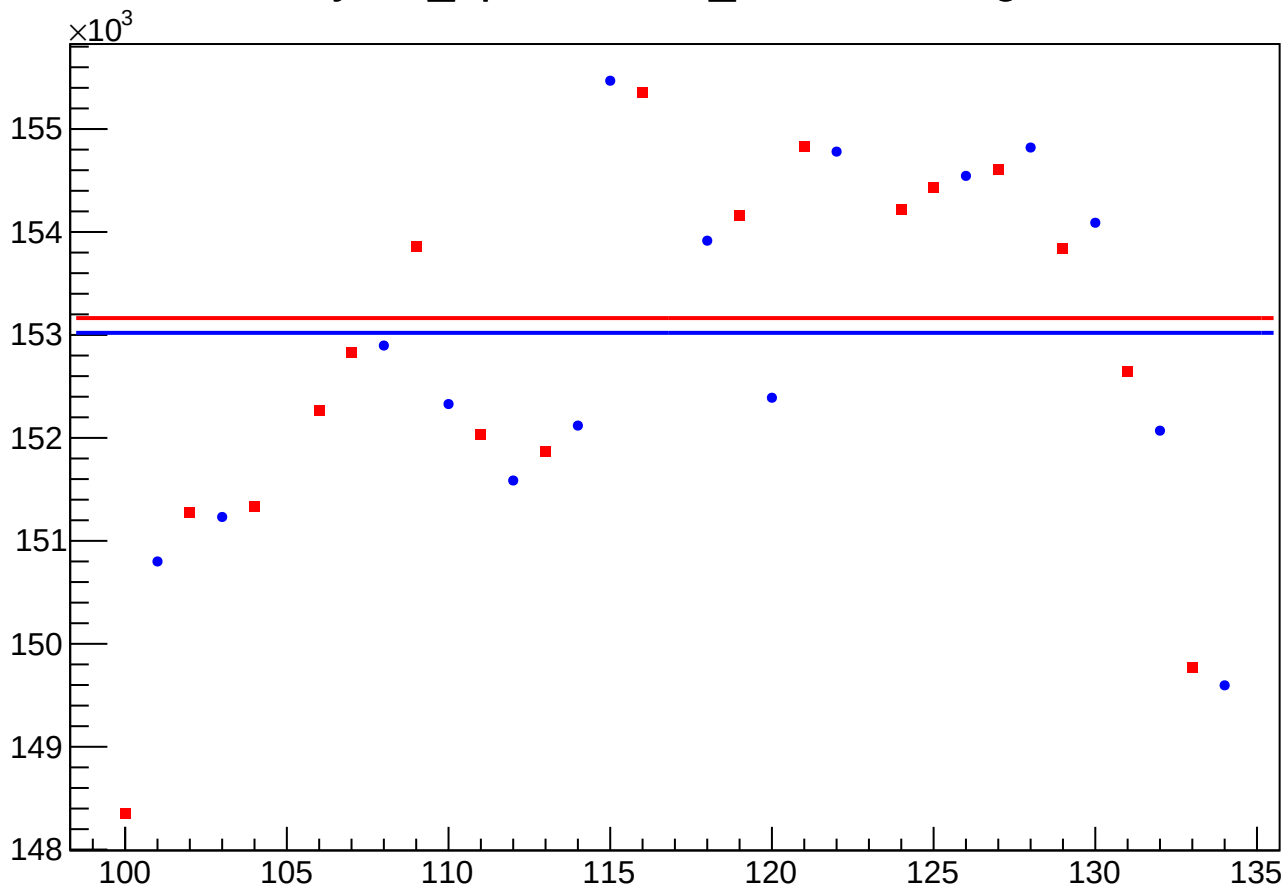
Right Out: 126.882 $\pm$ 0.037 χ^2 /NDF: 1555145.1/16

All: 129.518 $\pm$ 0.027 χ^2 /NDF: 2911379.7/31

- 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

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

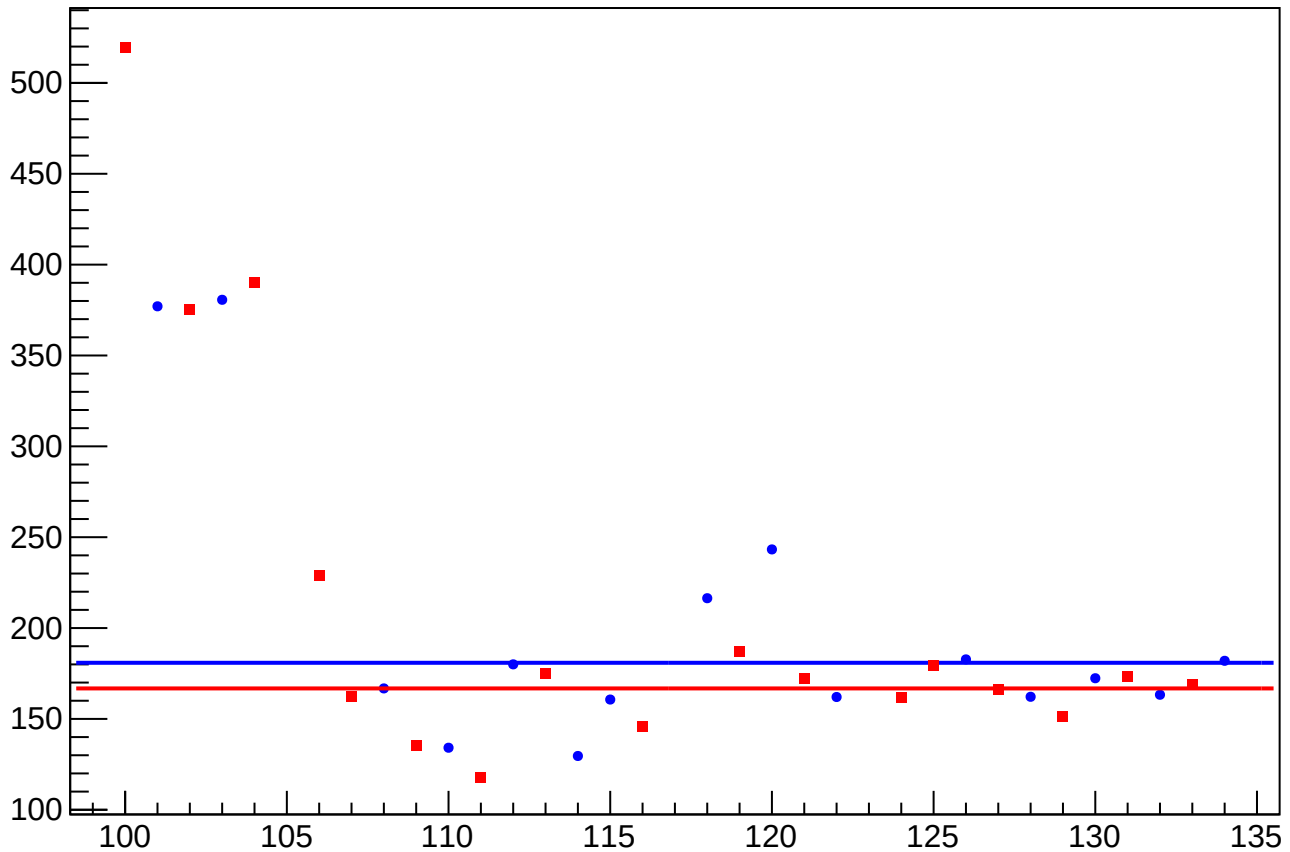
Right Out: 153163.733 $\pm$ 0.070 χ^2 /NDF: 459727484.8/16

All: 153100.491 $\pm$ 0.052 χ^2 /NDF: 852146103

- 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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

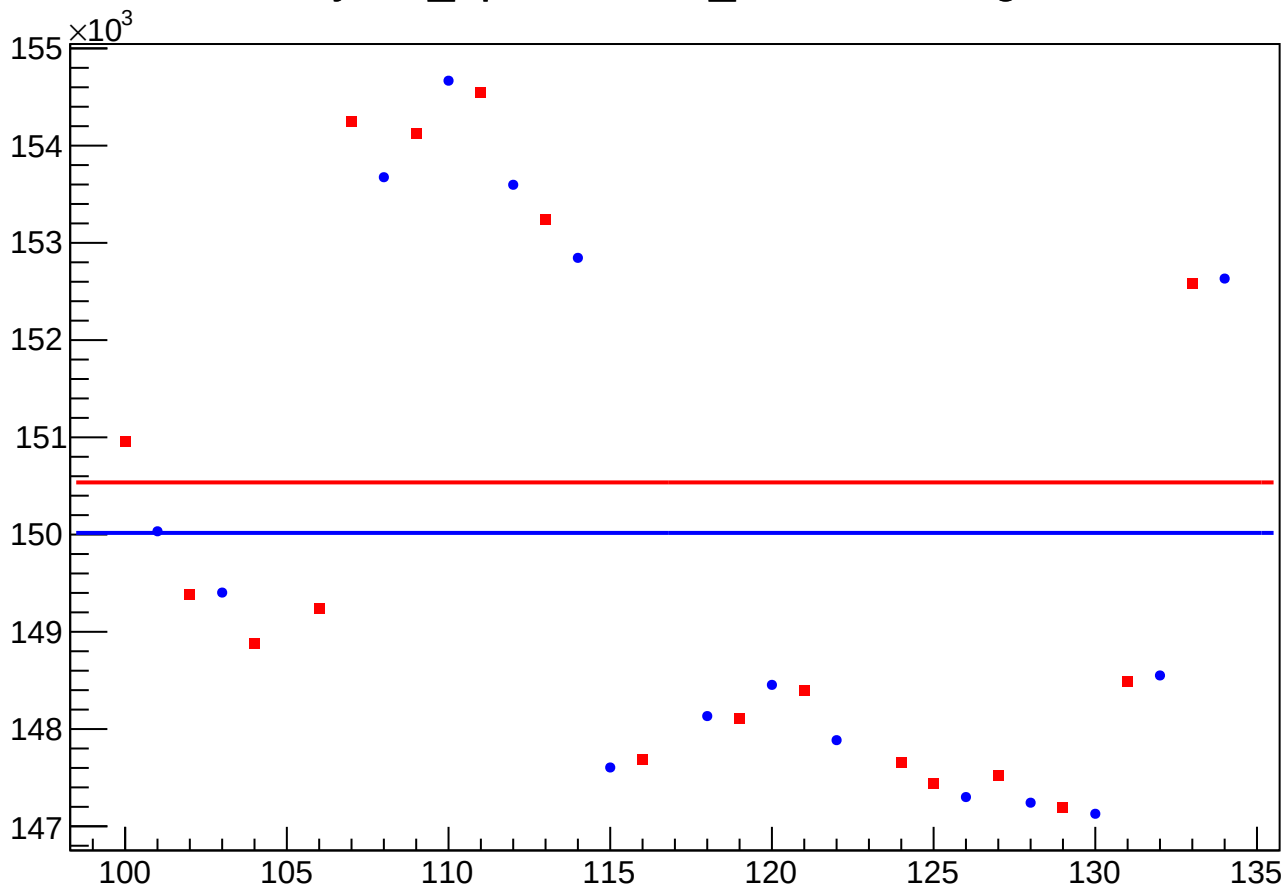
Right Out: 166.773 $\pm$ 0.049 χ^2 /NDF: 1075884.7/16

All: 172.999 $\pm$ 0.037 χ^2 /NDF: 2020006.4/31

- 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

yield_bpm0i01WS_mean vs Slug



Right In: 150017.181 $\pm$ 0.066 χ^2 /NDF: 1885975297.9/14

+ 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

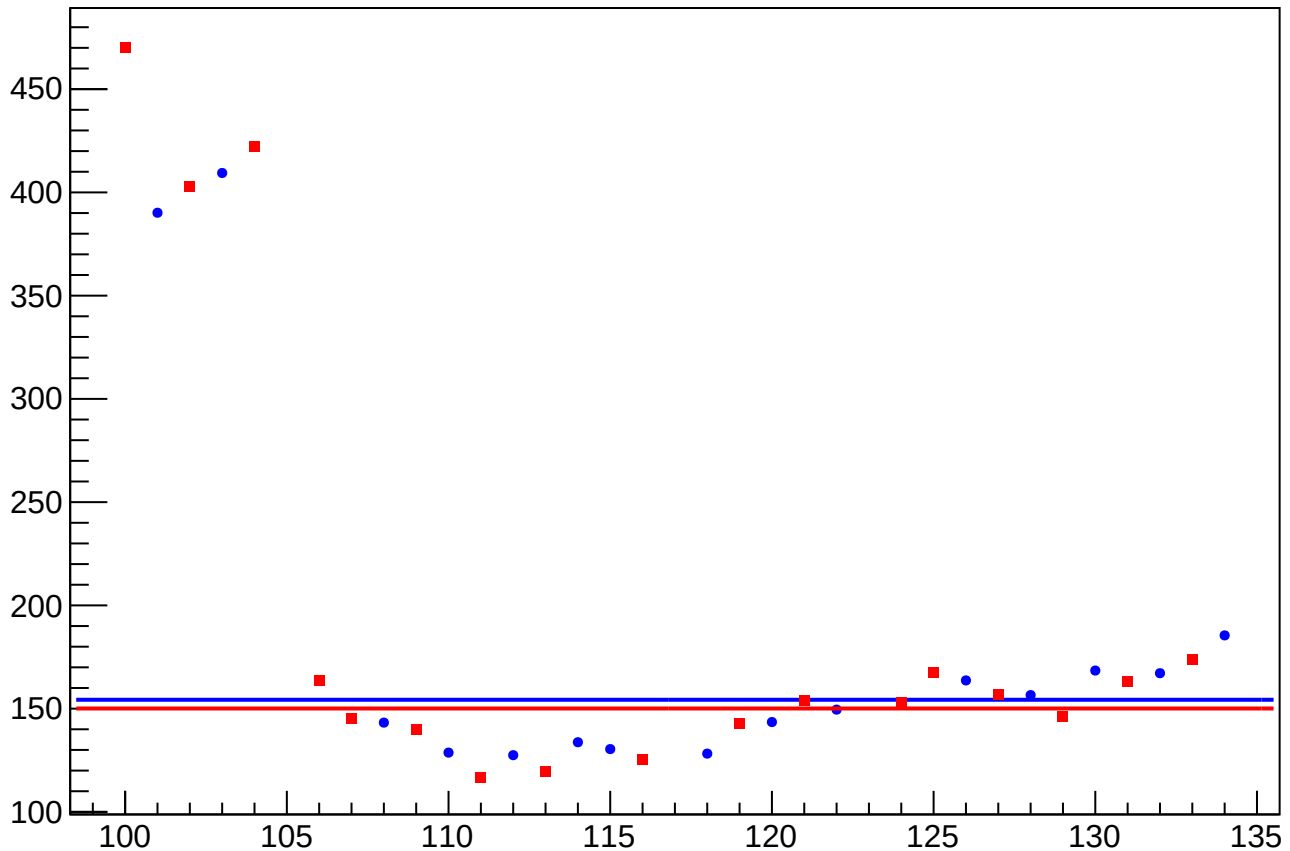
All: 150292.194 $\pm$ 0.045 χ^2 /NDF: 420133797.0/16

Right Out: 150536.383 $\pm$ 0.062 χ^2 /NDF: 2282333710.4/16

- 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_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

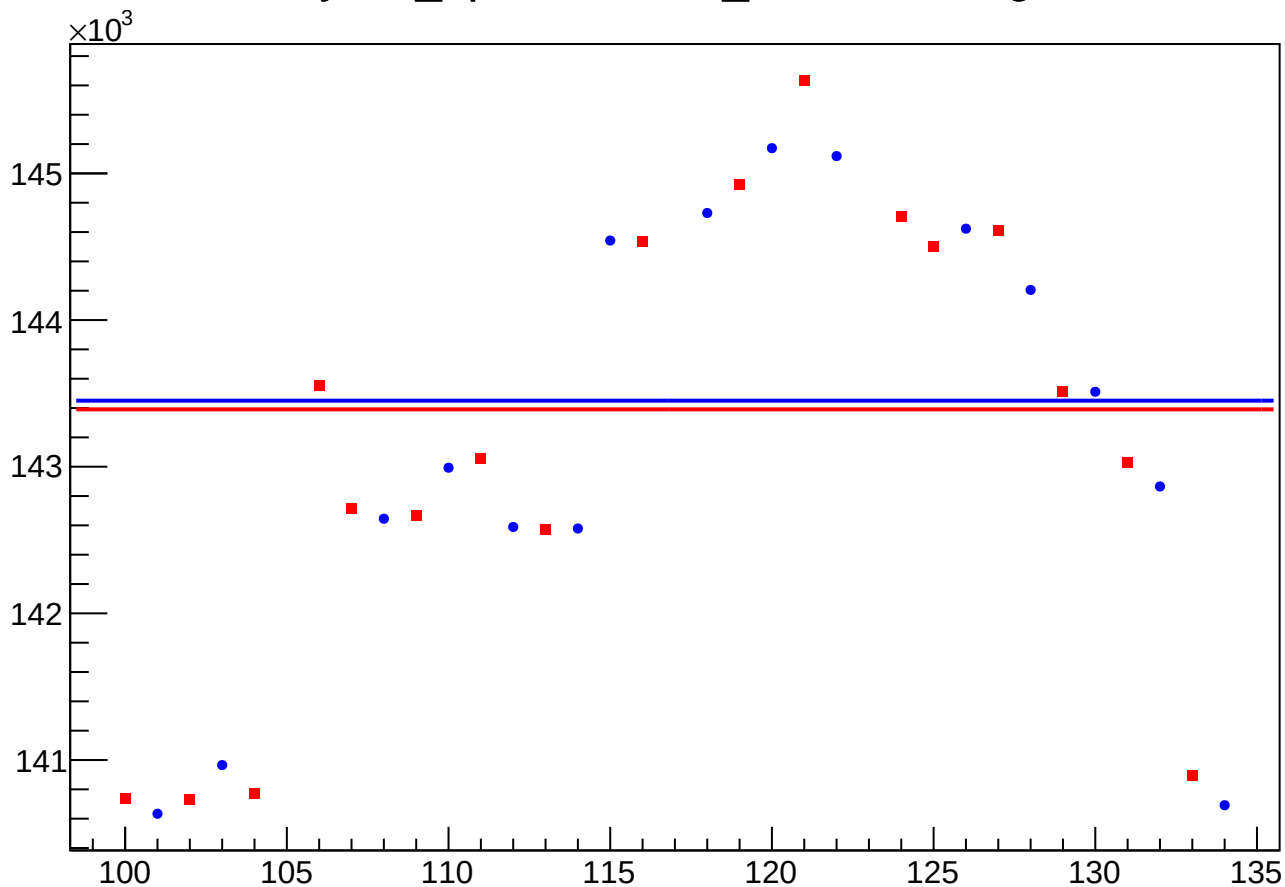
Right Out: 150.070+/-0.044 χ^2/NDF : 1197269.6/16

All: 152.060+/-0.032 χ^2/NDF : 2317060.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

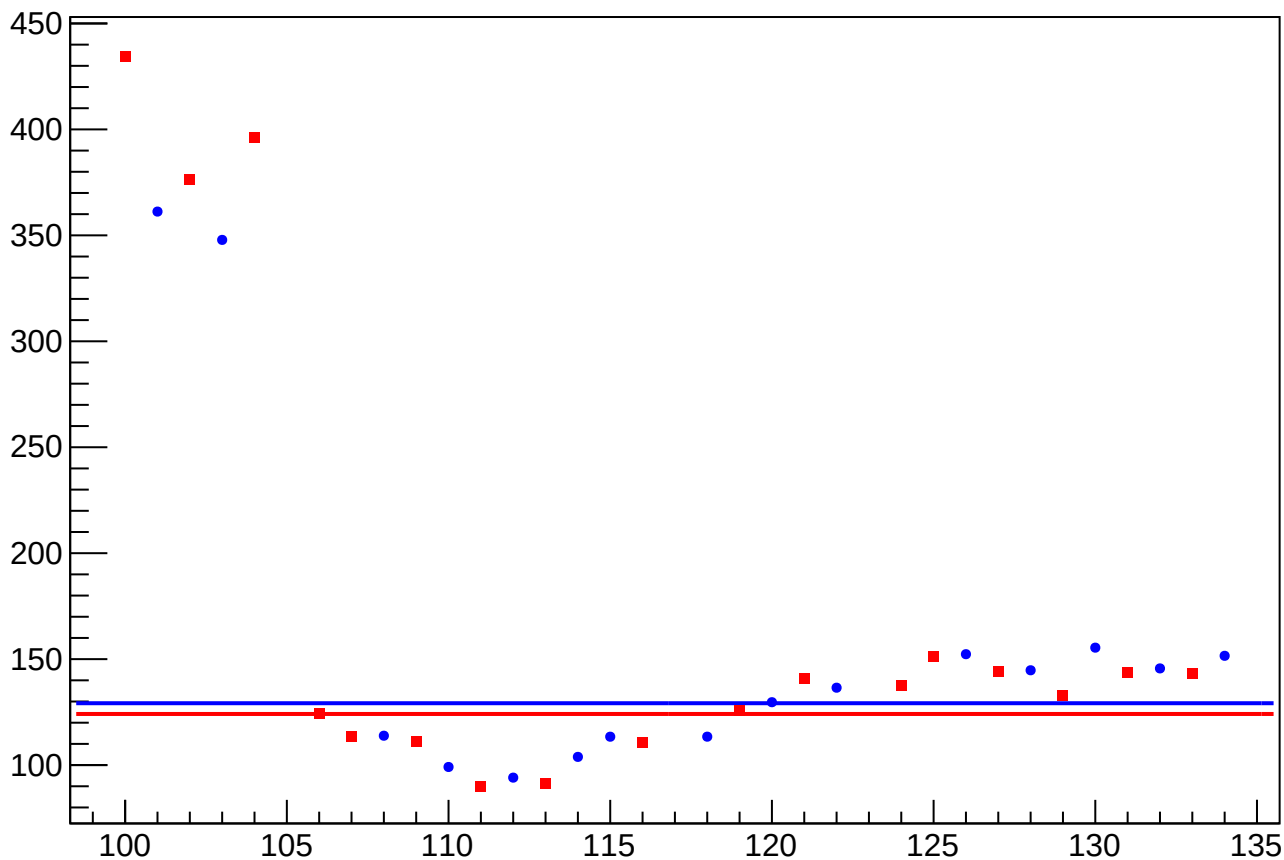
Right Out: 143390.978 $\pm$ 0.051 χ^2 /NDF: 551473803.4/16

All: 143418.267 $\pm$ 0.038 χ^2 /NDF: 105184285

- 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+/-0.039 χ^2/NDF : 1316151.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.122+/-0.036 χ^2/NDF : 1493407.7/16

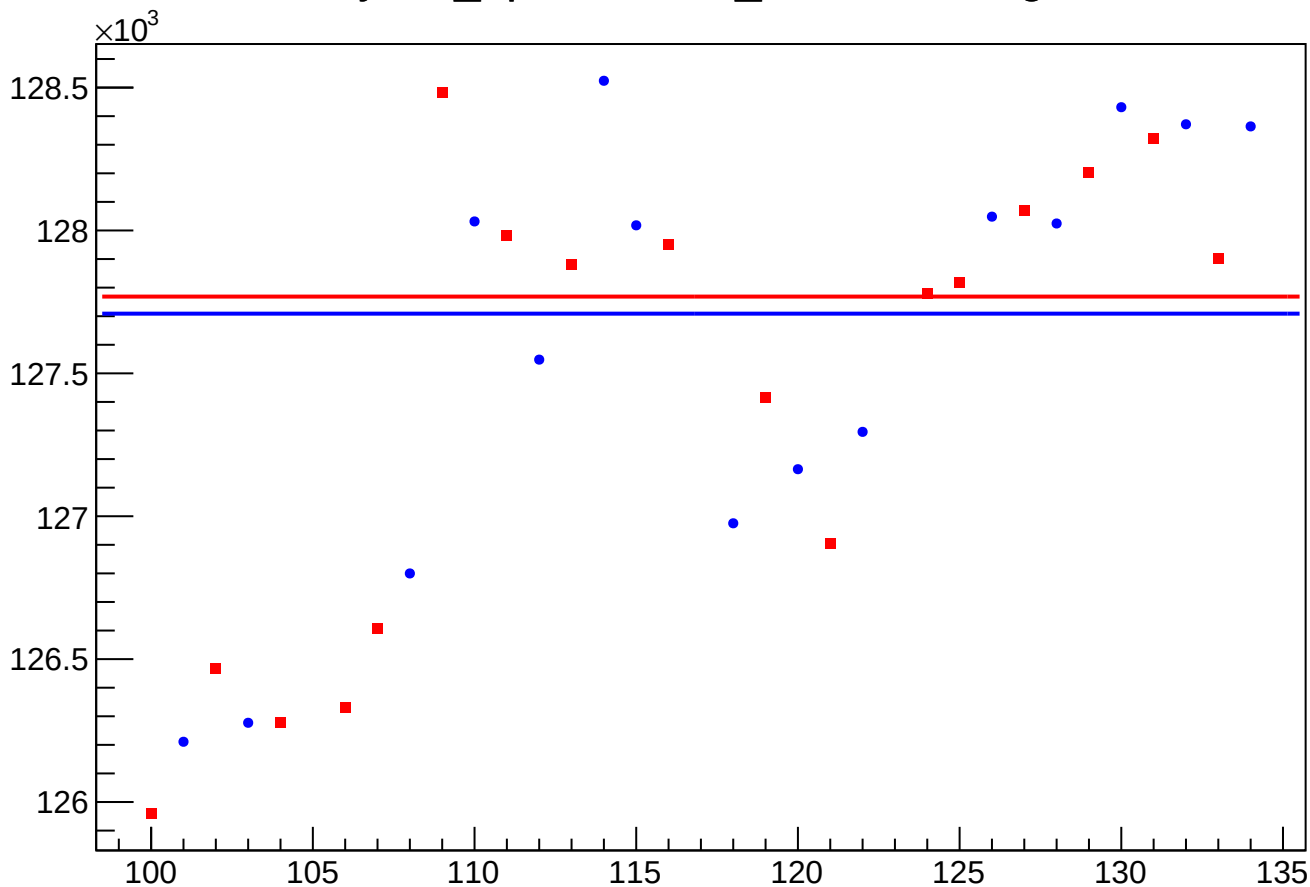
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.452+/-0.027 χ^2/NDF : 2818516.4/31

- sign 0.000+/-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

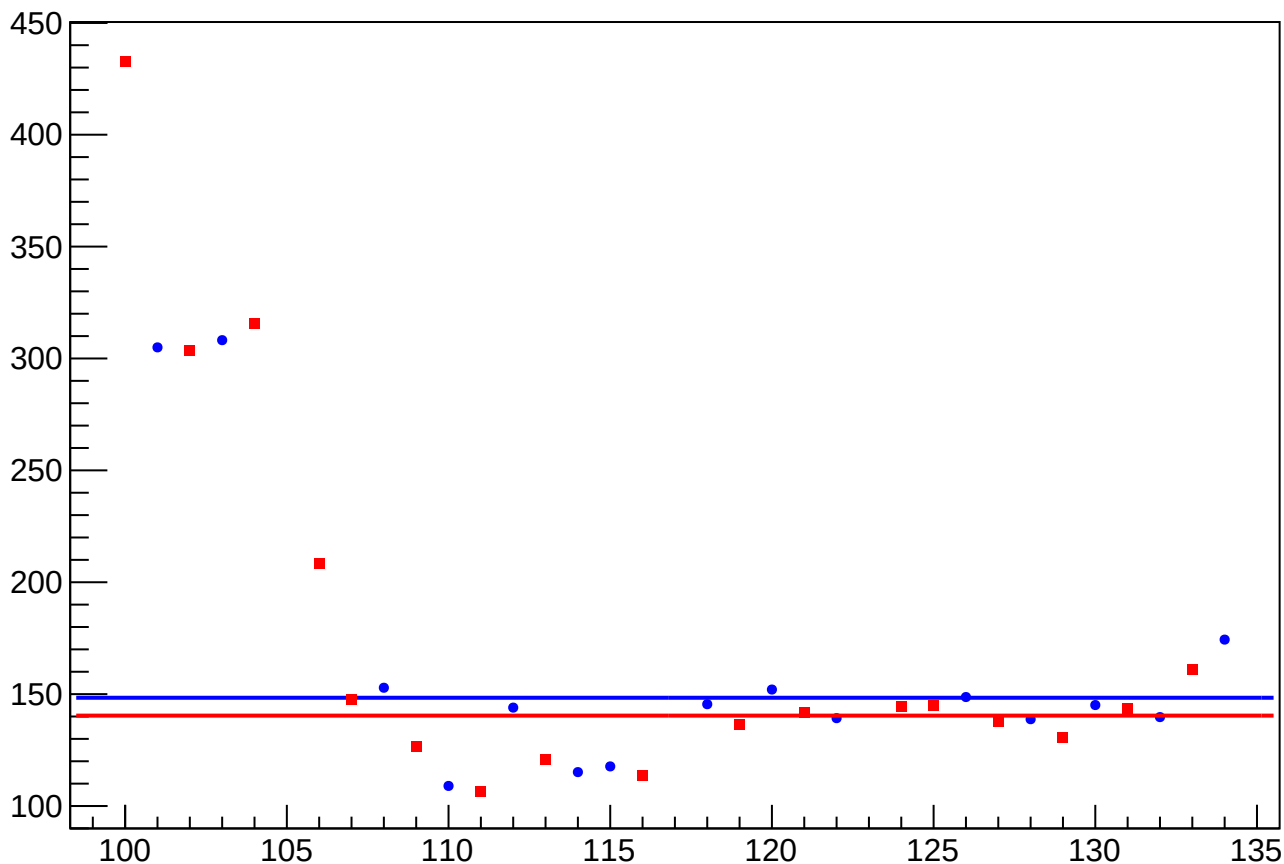
All: 127741.518 $\pm$ 0.042 χ^2 /NDF: 20861213

Right Out: 127768.648 $\pm$ 0.057 χ^2 /NDF: 103675672.8/16

- 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: 140.397+/-0.040 χ^2/NDF : 990050.0/16

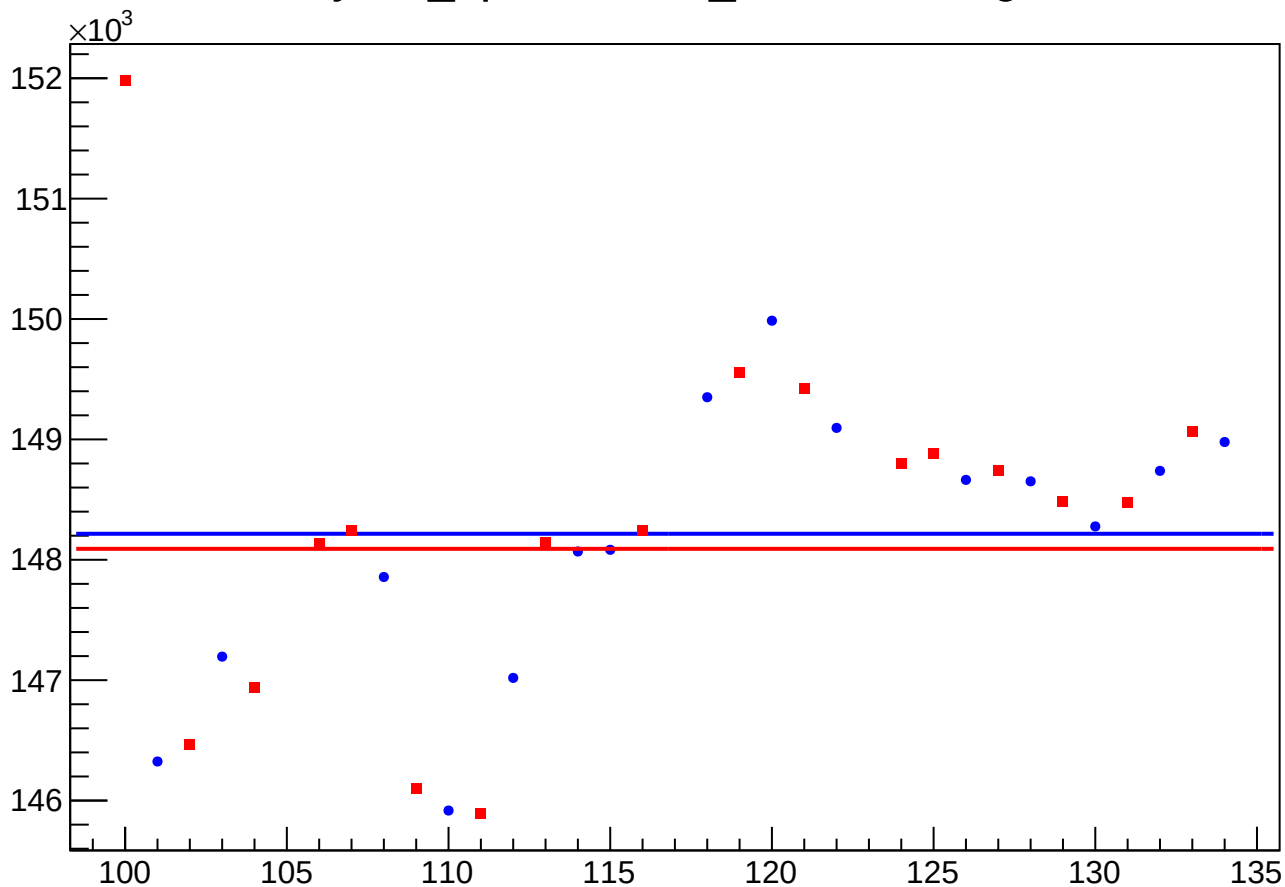
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.023+/-0.030 χ^2/NDF : 1835278.2/31

- 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

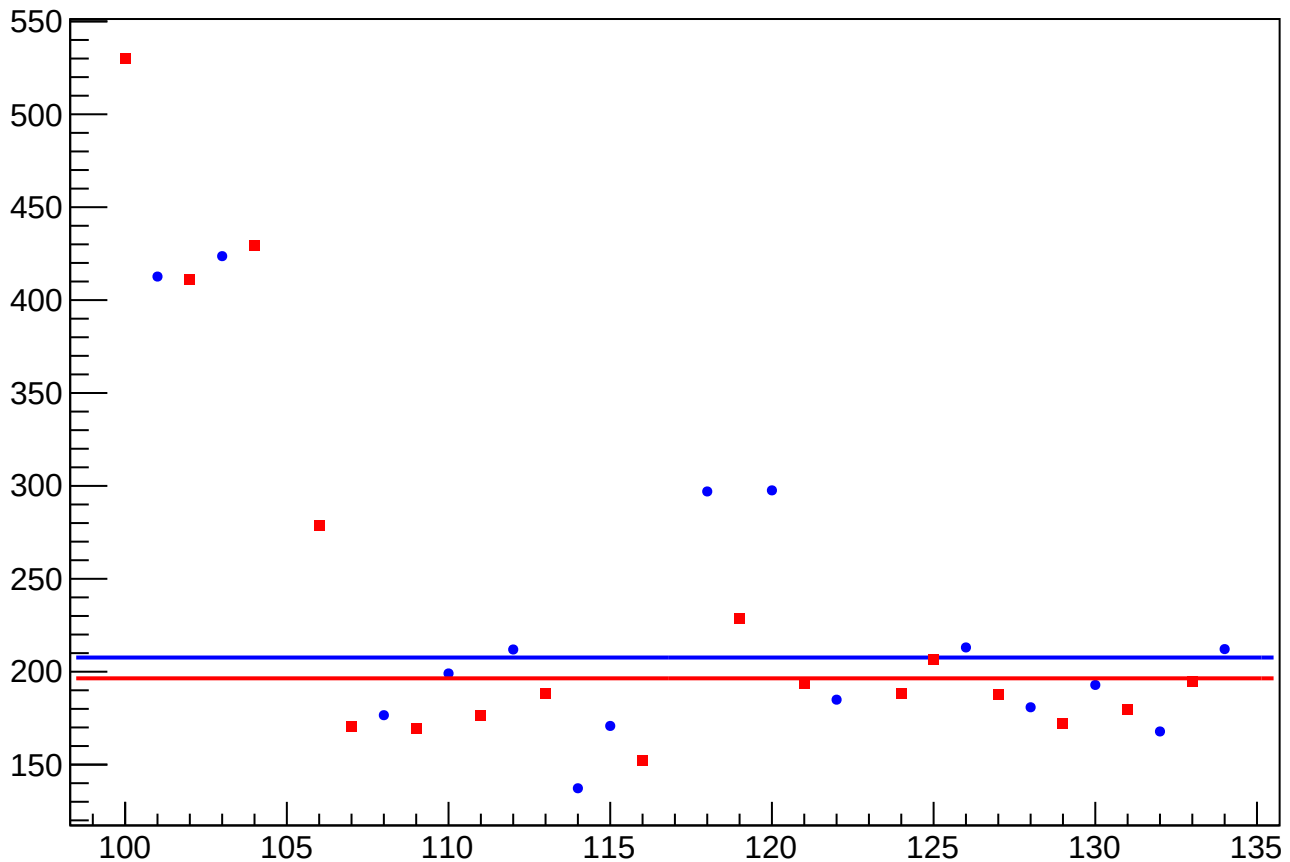
All: 148147.328 $\pm$ 0.059 χ^2 /NDF: 347115940

Right Out: 148091.001 $\pm$ 0.080 χ^2 /NDF: 225654973.3/16

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

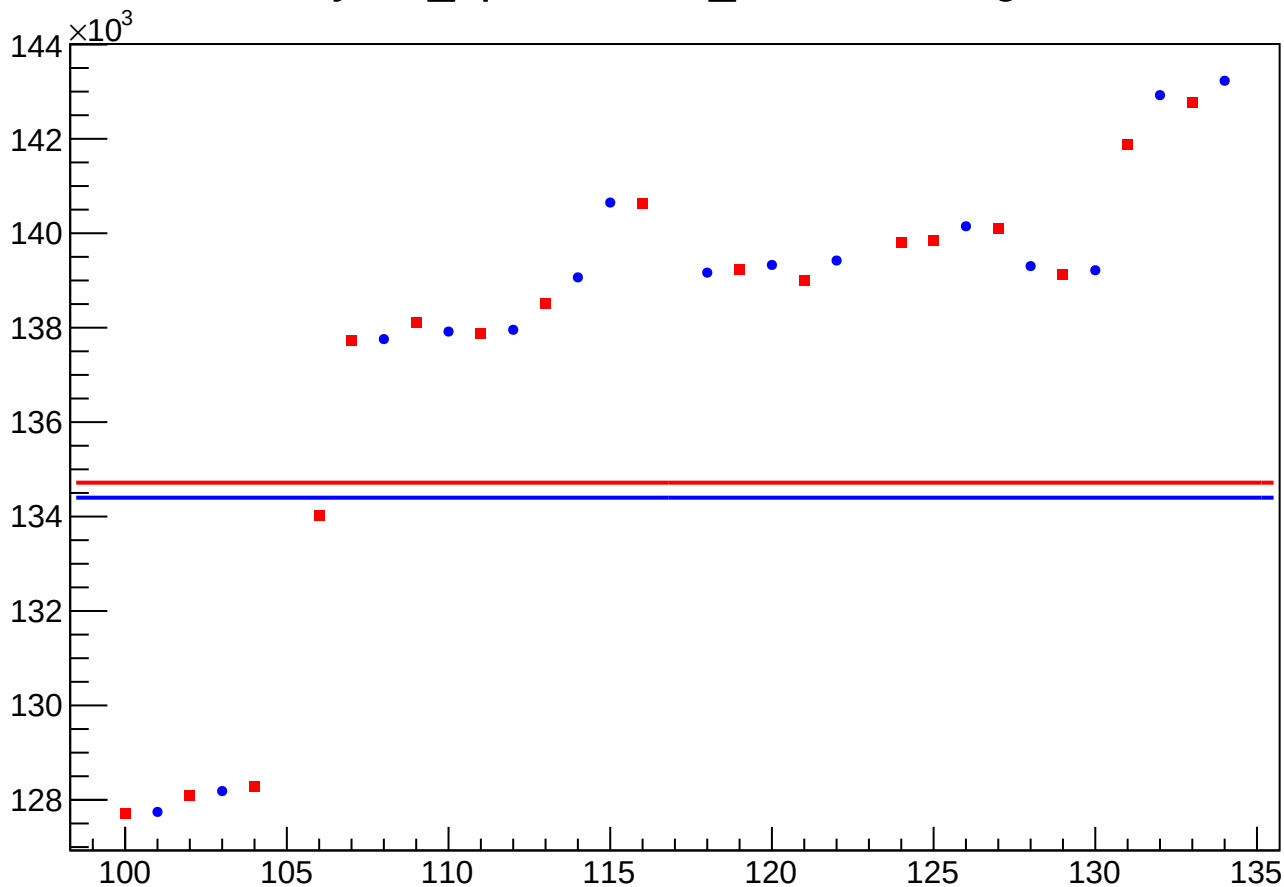
Right Out: 196.437+/-0.057 χ^2/NDF : 899128.3/16

All: 201.480+/-0.042 χ^2/NDF : 1888541.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_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

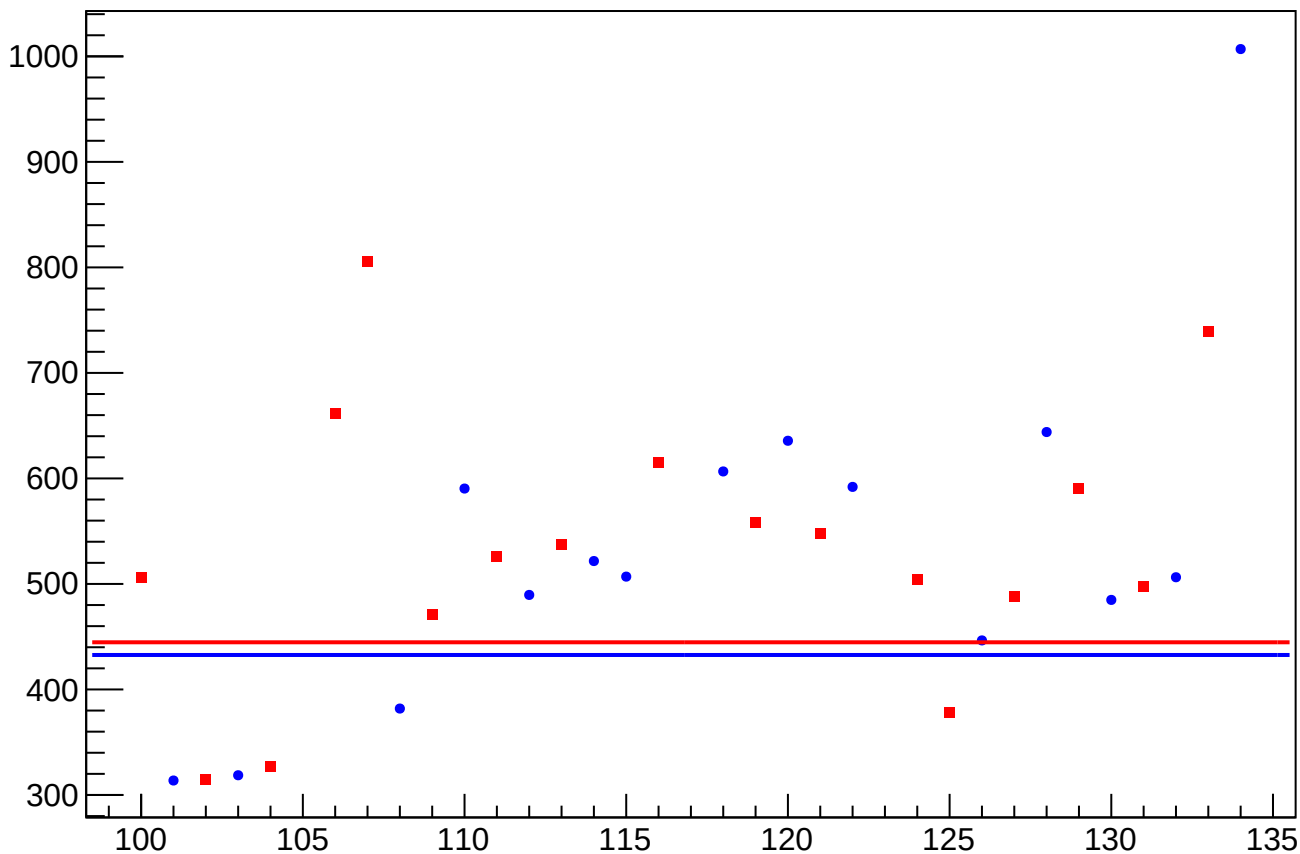
Right Out: 134718.049 $\pm$ 0.187 χ^2 /NDF: 882472193.9/16

All: 134559.511 $\pm$ 0.132 χ^2 /NDF: 185169315

- 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: 444.696+/-0.132 χ^2/NDF : 846165.5/16

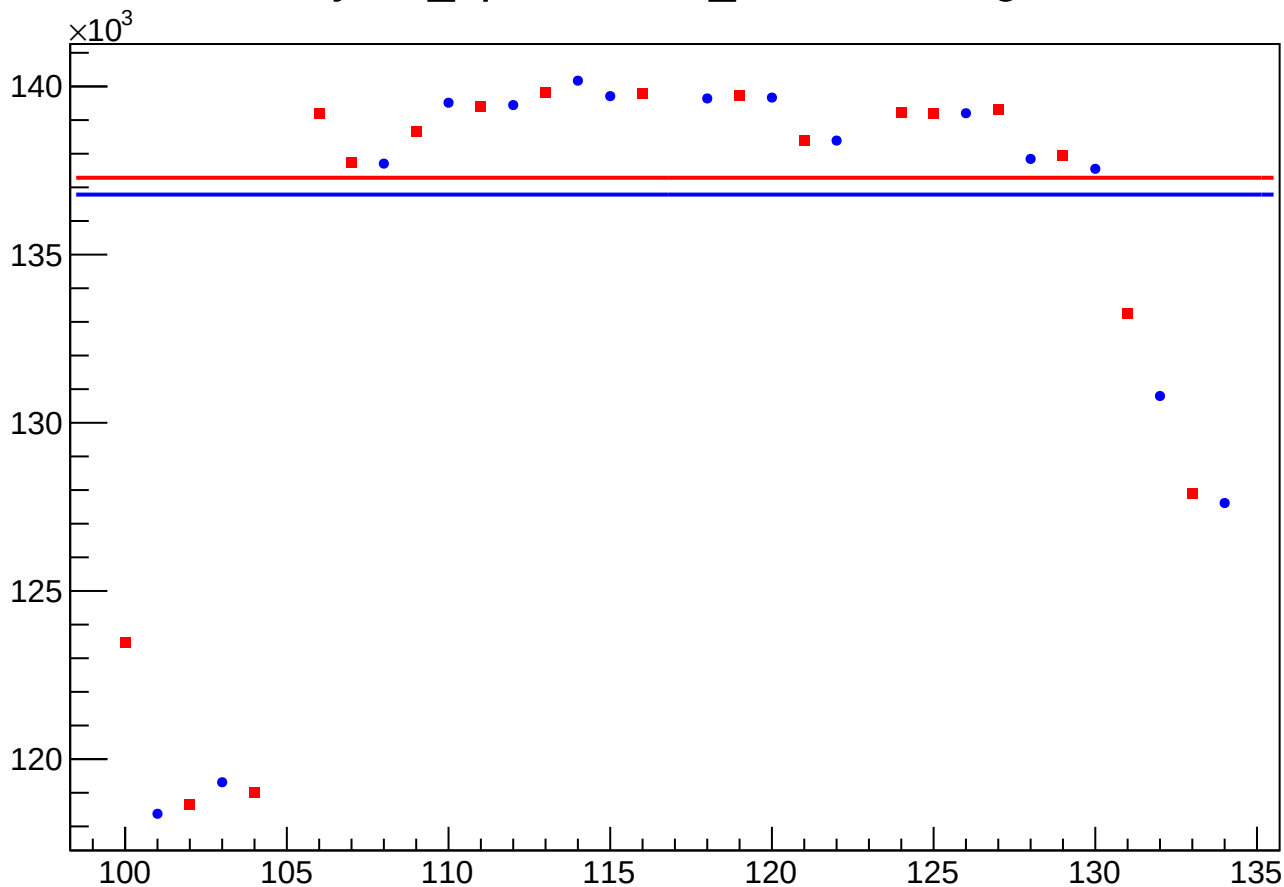
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 438.705+/-0.093 χ^2/NDF : 1793205.0/31

- 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

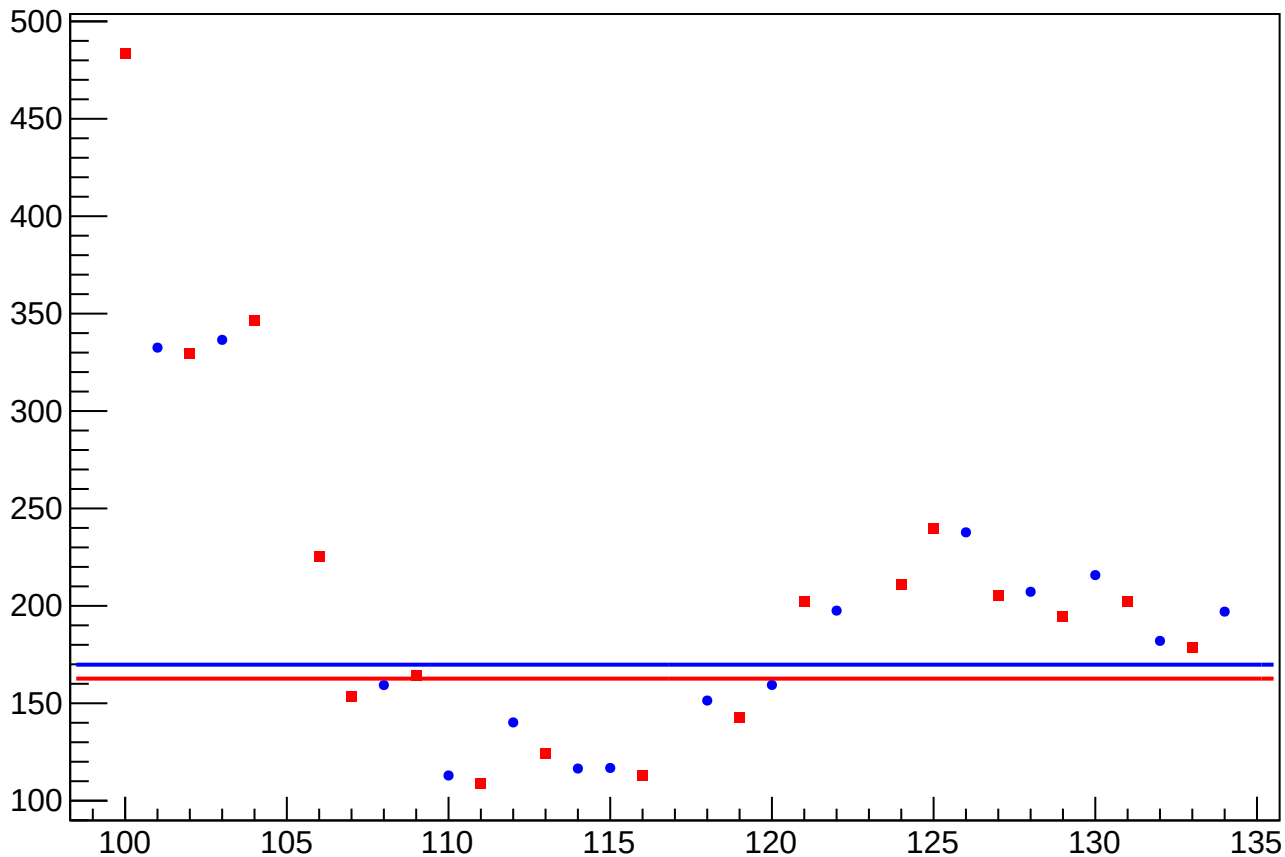
All: 137054.574 $\pm$ 0.050 χ^2 /NDF: 114915463

Right Out: 137285.193 $\pm$ 0.067 χ^2 /NDF: 5728485281.5/16

- 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

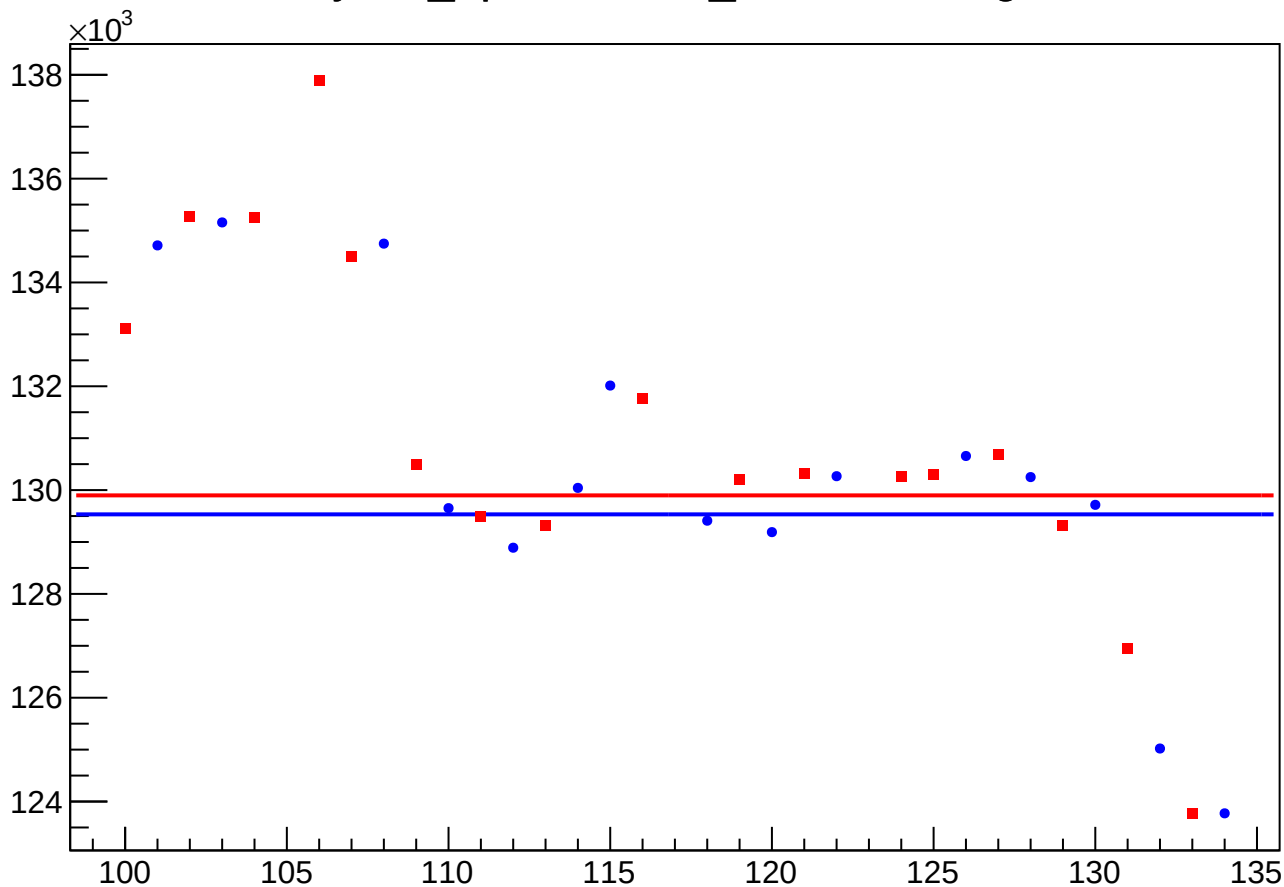
Right Out: 162.658+/-0.048 χ^2/NDF : 1354136.4/16

All: 165.958+/-0.035 χ^2/NDF : 2477976.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

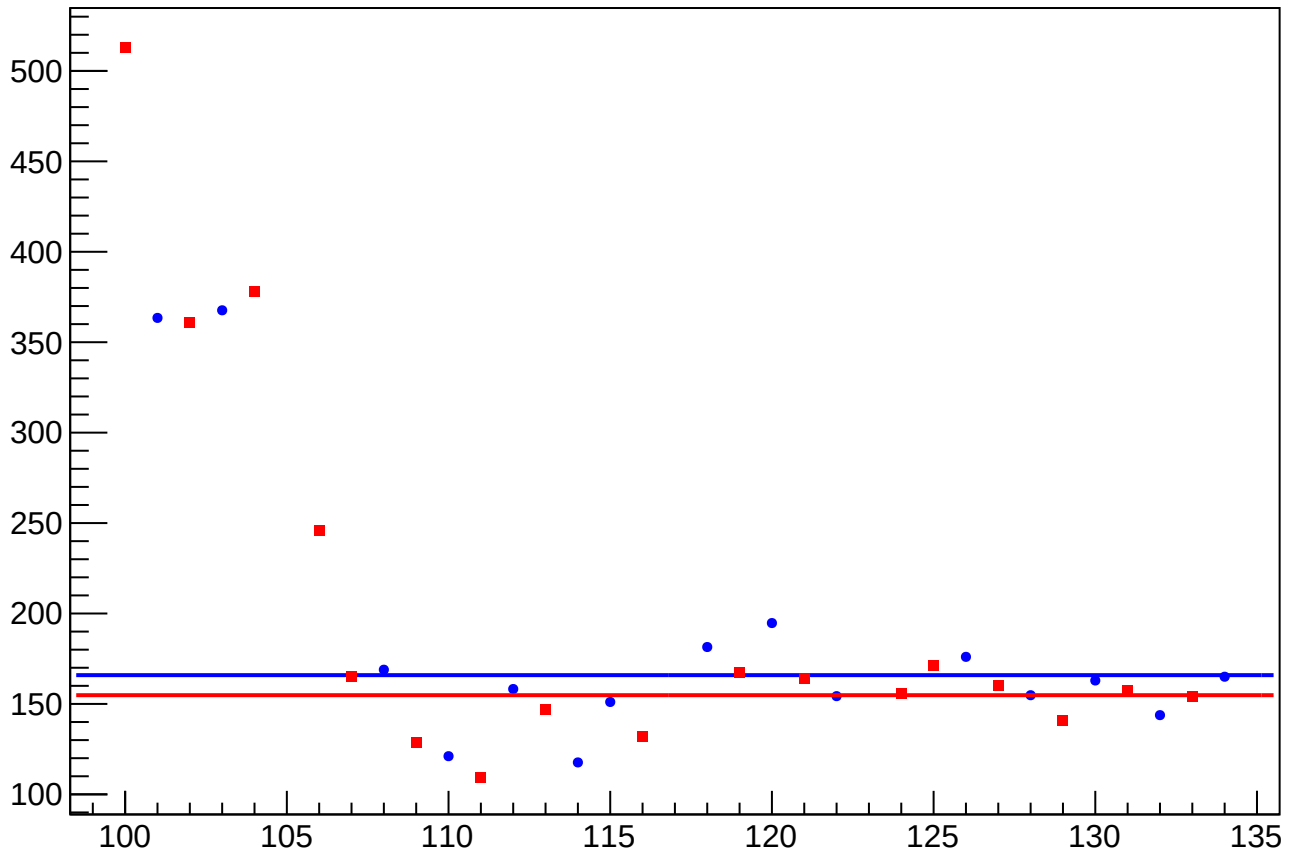
All: 129734.106 $\pm$ 0.048 χ^2 /NDF: 32432352

Right Out: 129898.057 $\pm$ 0.064 χ^2 /NDF: 1656298874.4/16

- 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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

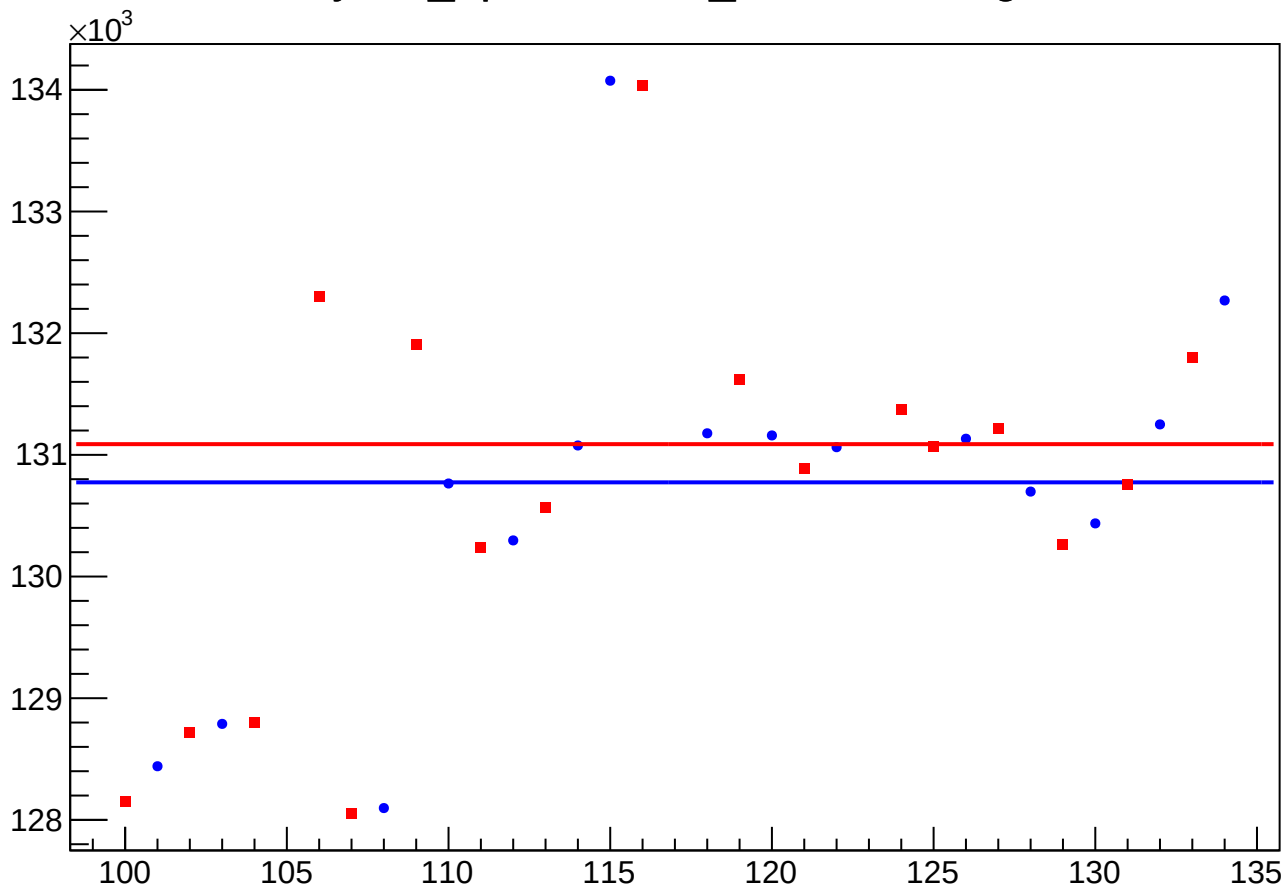
Right Out: 154.831 $\pm$ 0.045 χ^2 /NDF: 1158302.2/16

All: 159.799 $\pm$ 0.034 χ^2 /NDF: 2122590.3/31

- 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

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

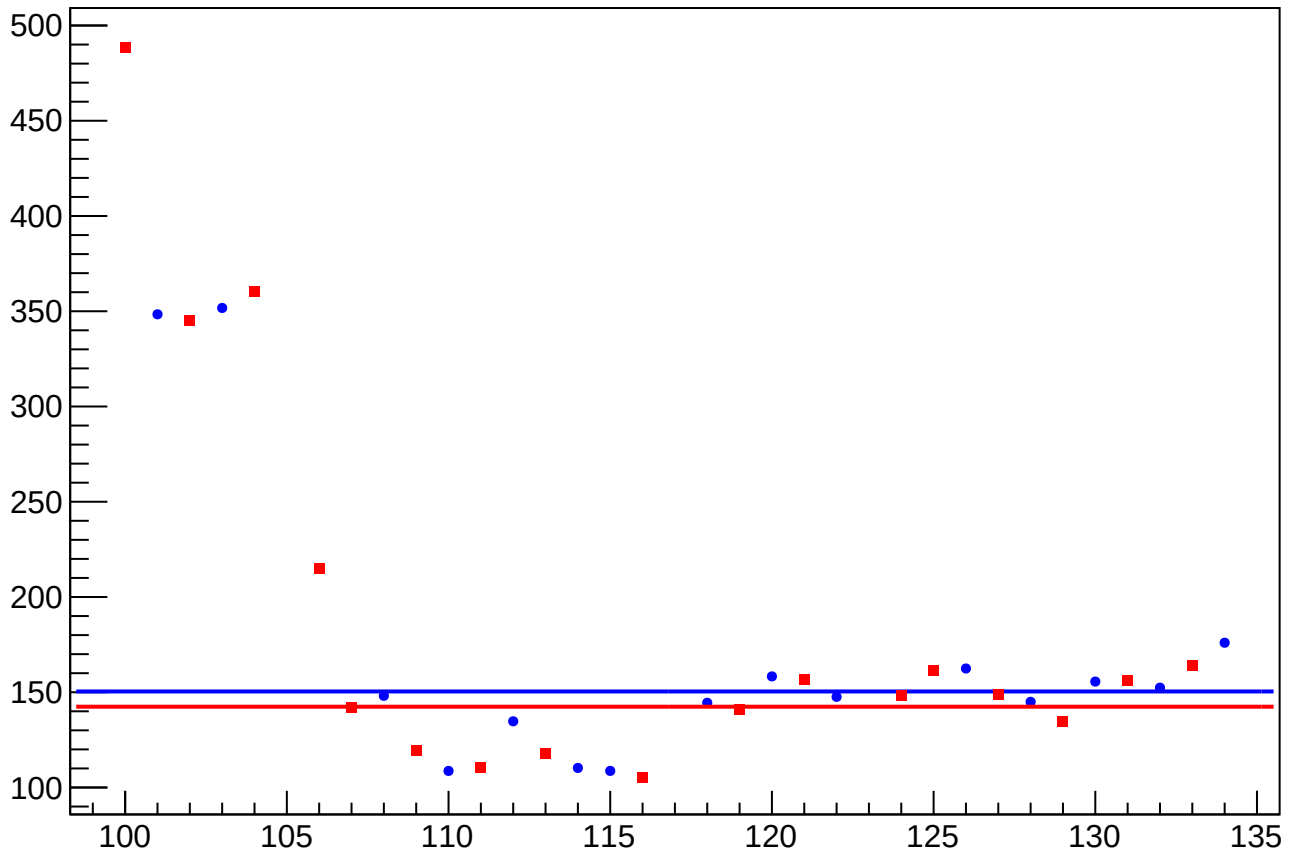
Right Out: 131088.015 $\pm$ 0.059 χ^2 /NDF: 458275310.5/16

All: 130945.167 $\pm$ 0.043 χ^2 /NDF: 812079495

- 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

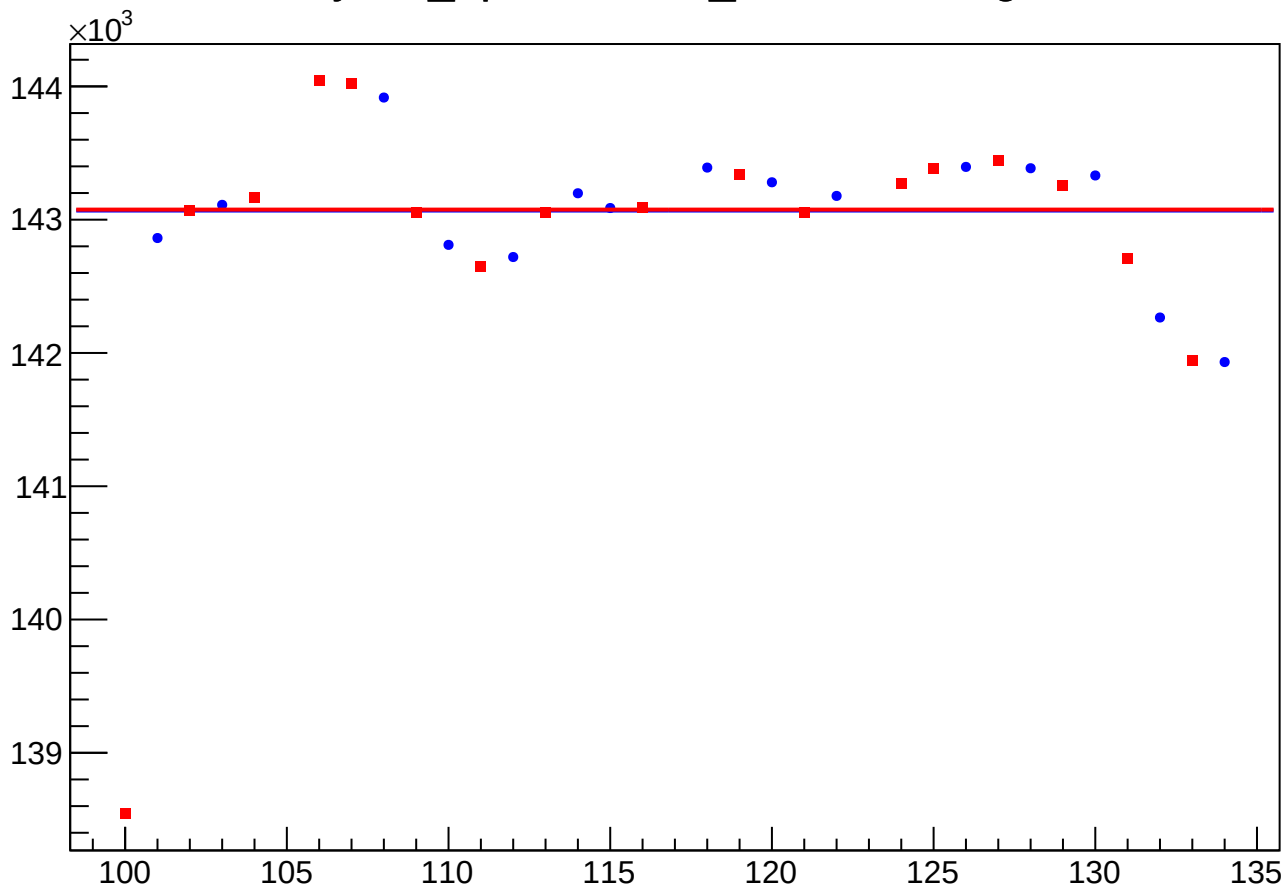
Right Out: 142.407 $\pm$ 0.041 χ^2 /NDF: 1212085.7/16

All: 146.049 $\pm$ 0.031 χ^2 /NDF: 2255898.4/31

- 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

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

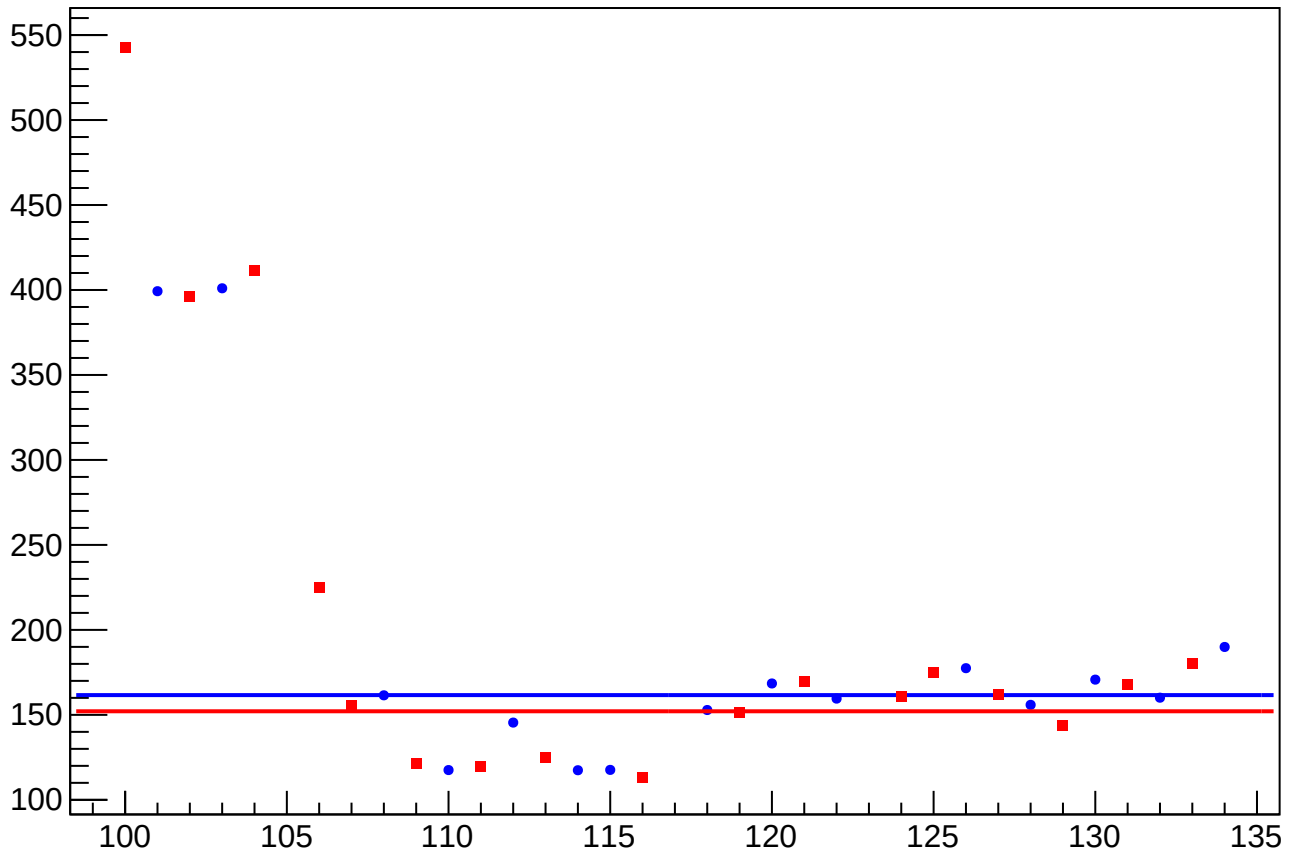
Right Out: 143075.606 $\pm$ 0.063 χ^2 /NDF: 50306201.6/16

All: 143072.426 $\pm$ 0.046 χ^2 /NDF: 96414553.

- 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+/-0.049 χ^2/NDF : 1104678.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.111+/-0.044 χ^2/NDF : 1319395.2/16

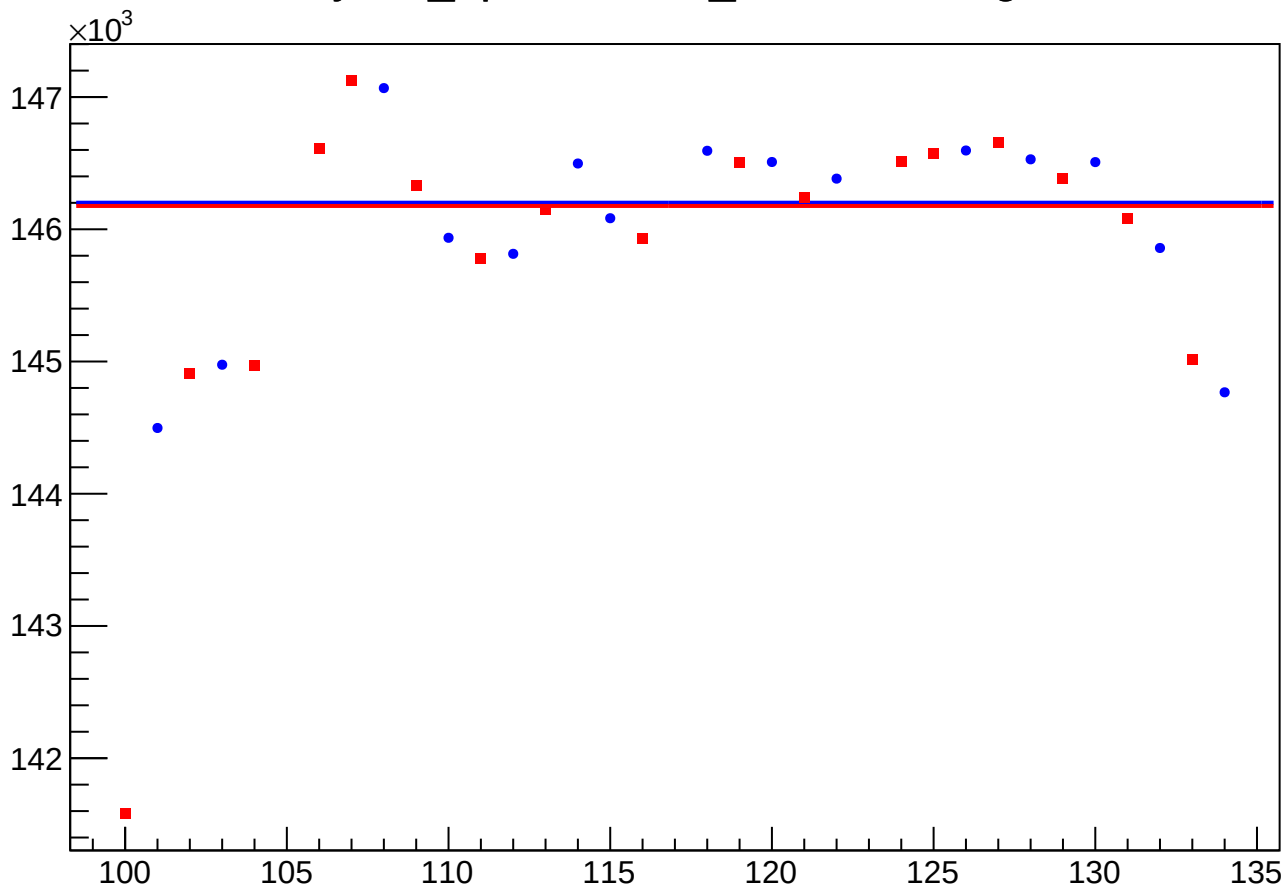
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.422+/-0.033 χ^2/NDF : 2444943.6/31

- sign 0.000+/-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

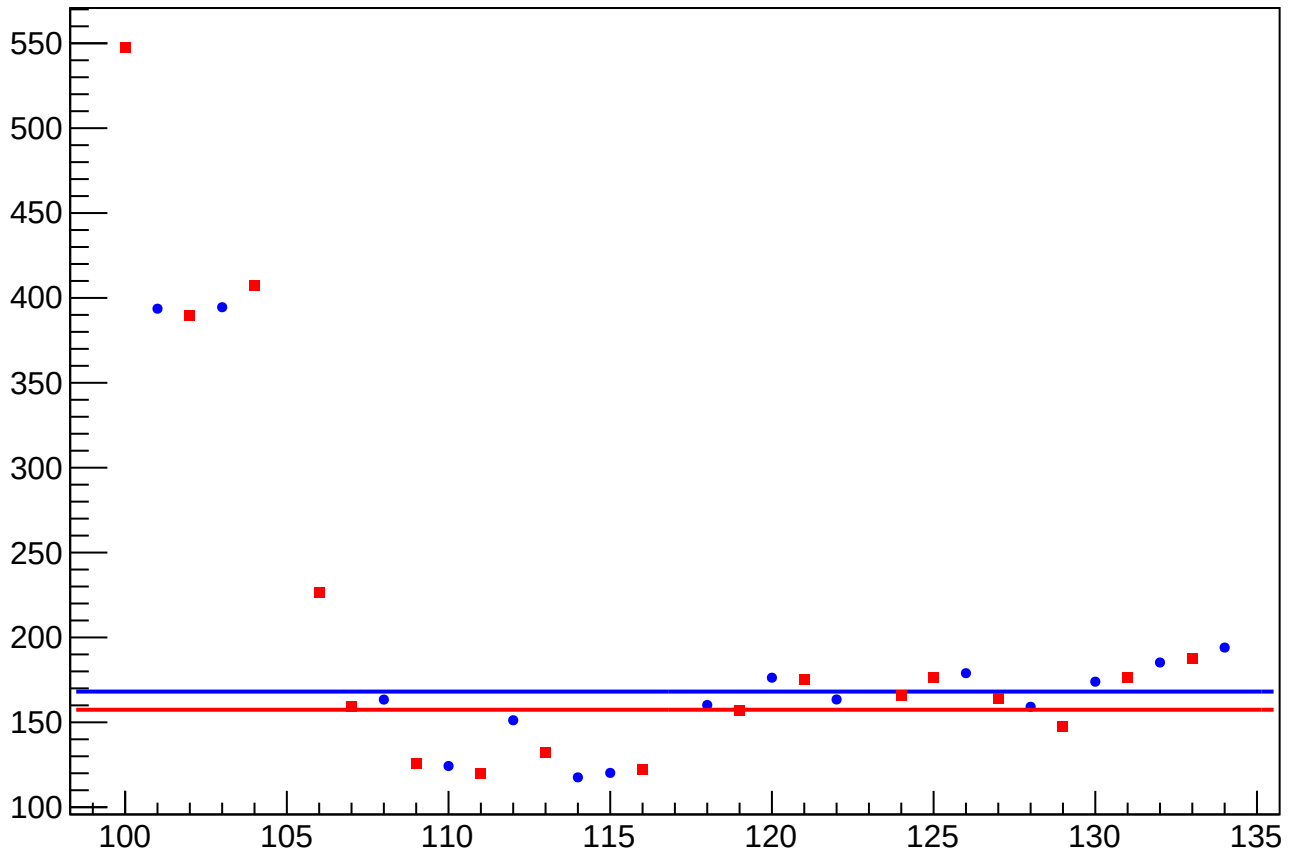
All: 146187.516 $\pm$ 0.048 χ^2 /NDF: 124377967

Right Out: 146176.455 $\pm$ 0.065 χ^2 /NDF: 59200254.0/16

- 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

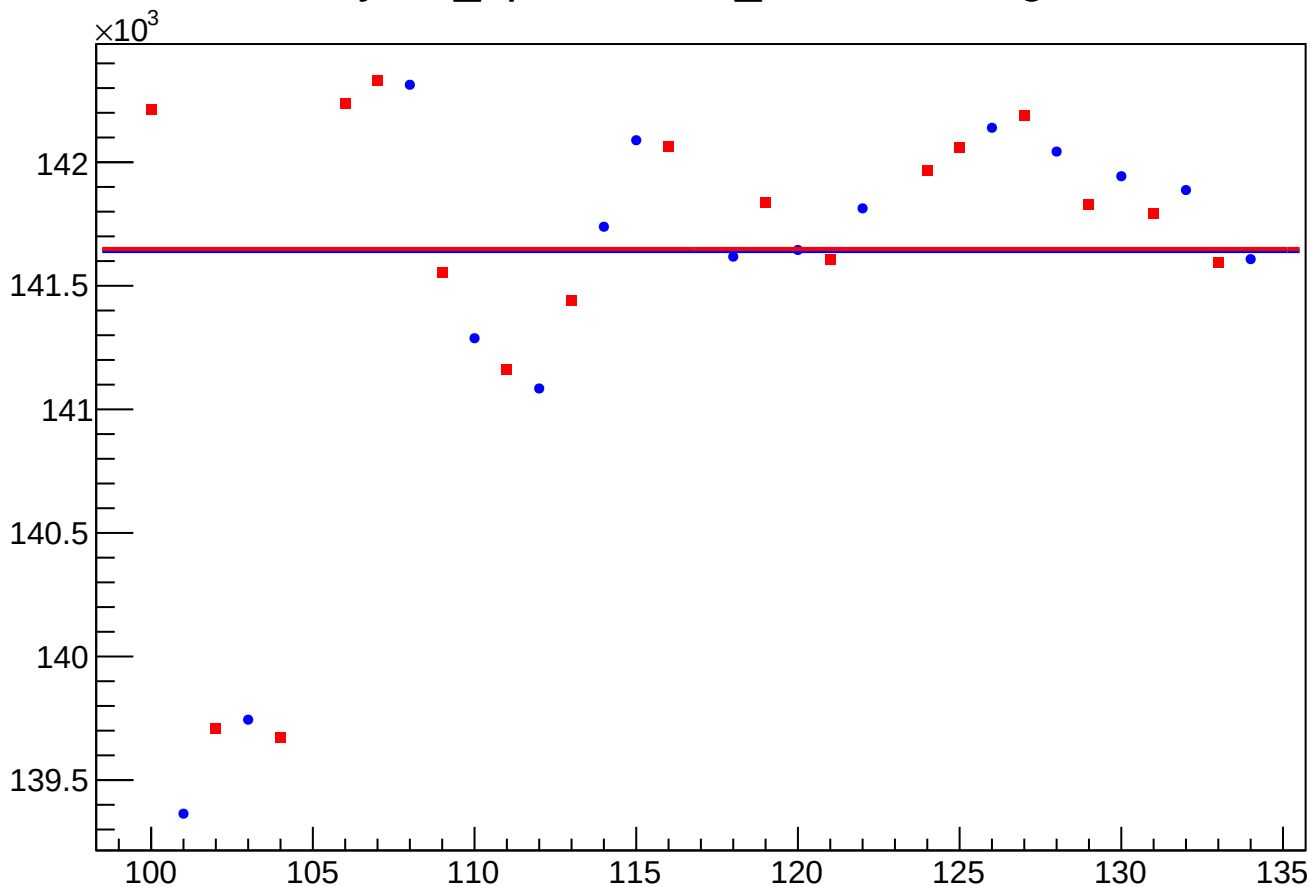
Right Out: 157.409 $\pm$ 0.046 χ^2 /NDF: 1252949.5/16

All: 162.222 $\pm$ 0.034 χ^2 /NDF: 2318971.7/31

- 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

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

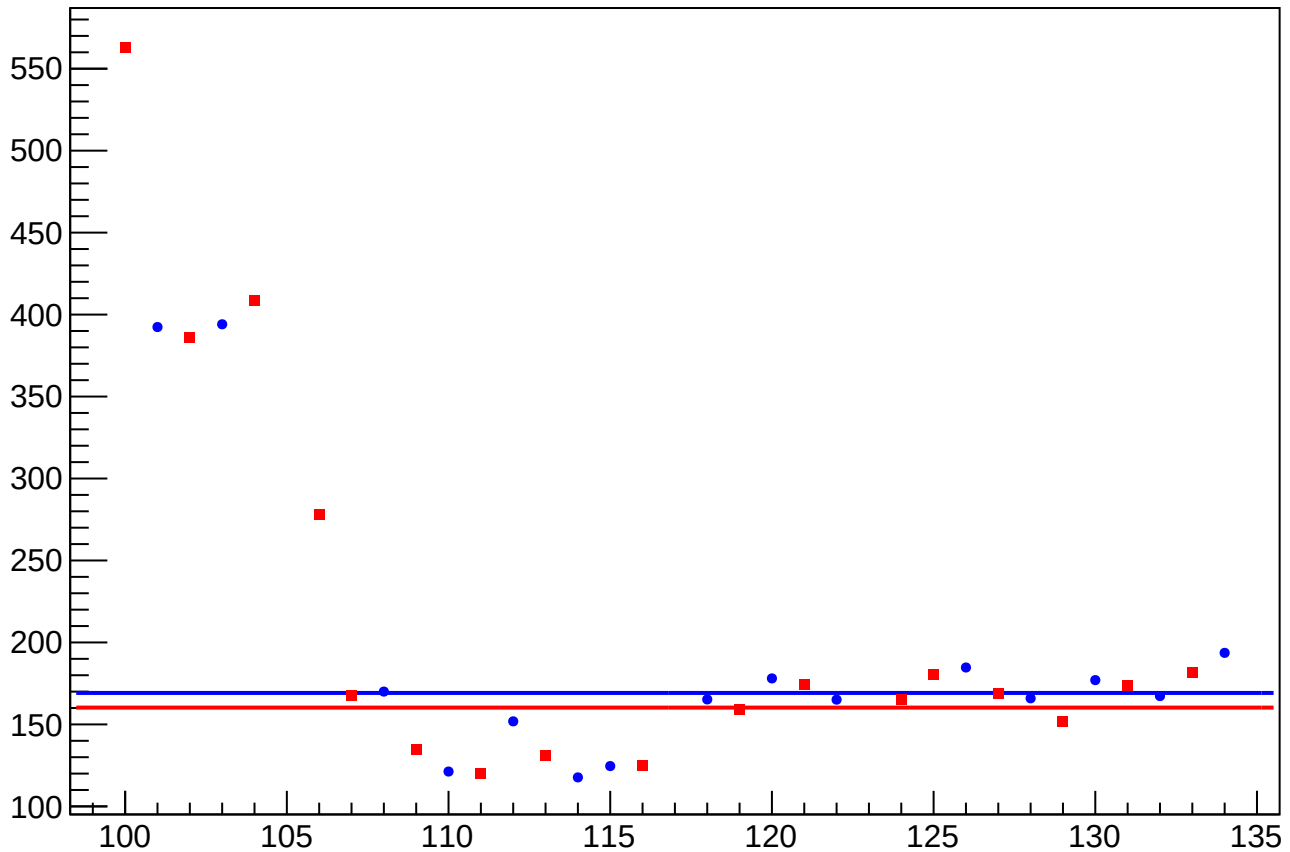
All: 141645.233 $\pm$ 0.049 χ^2 /NDF: 114556705

Right Out: 141649.223 $\pm$ 0.066 χ^2 /NDF: 53499343.4/16

- 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+/-0.051 χ^2/NDF : 1035877.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 160.261+/-0.047 χ^2/NDF : 1256120.5/16

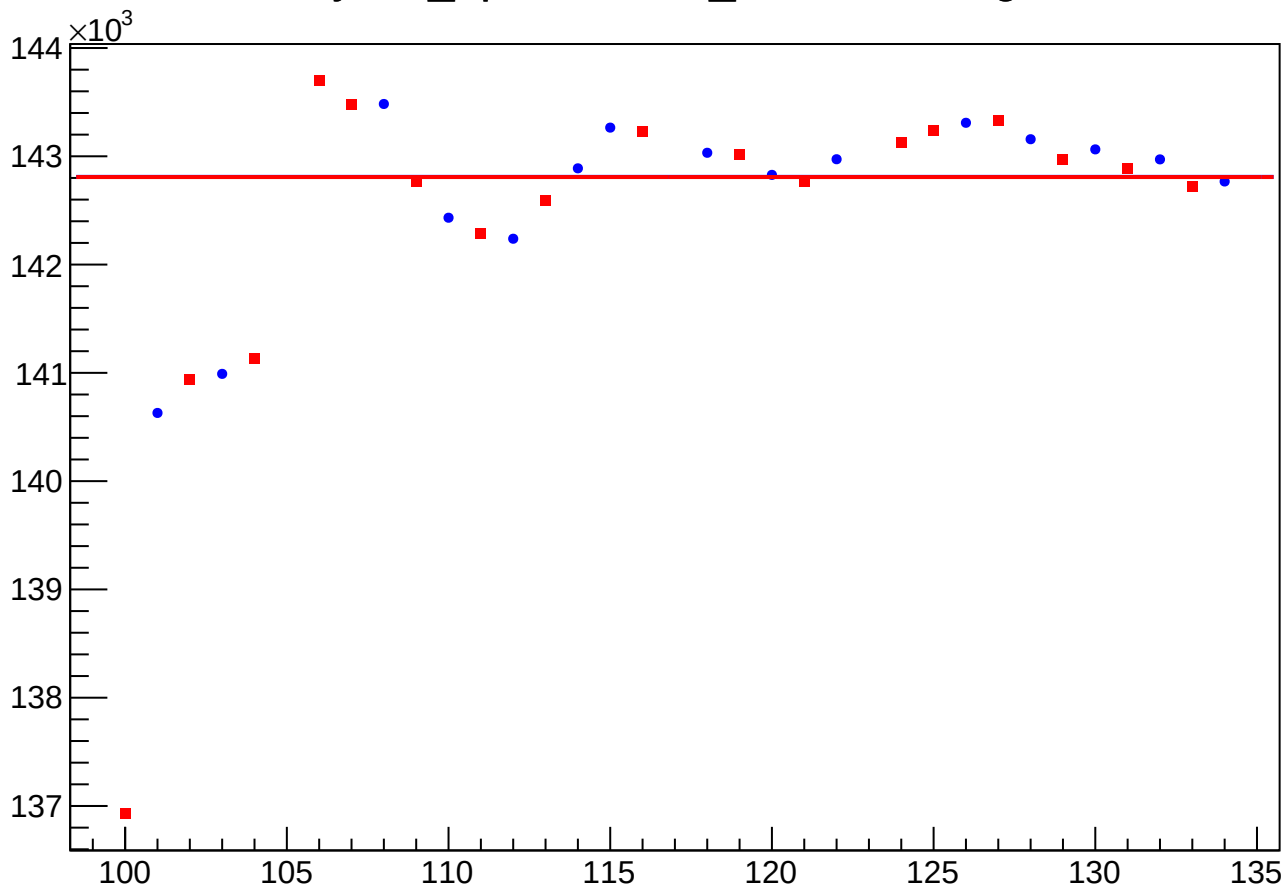
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.332+/-0.034 χ^2/NDF : 2308770.4/31

- sign 0.000+/-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

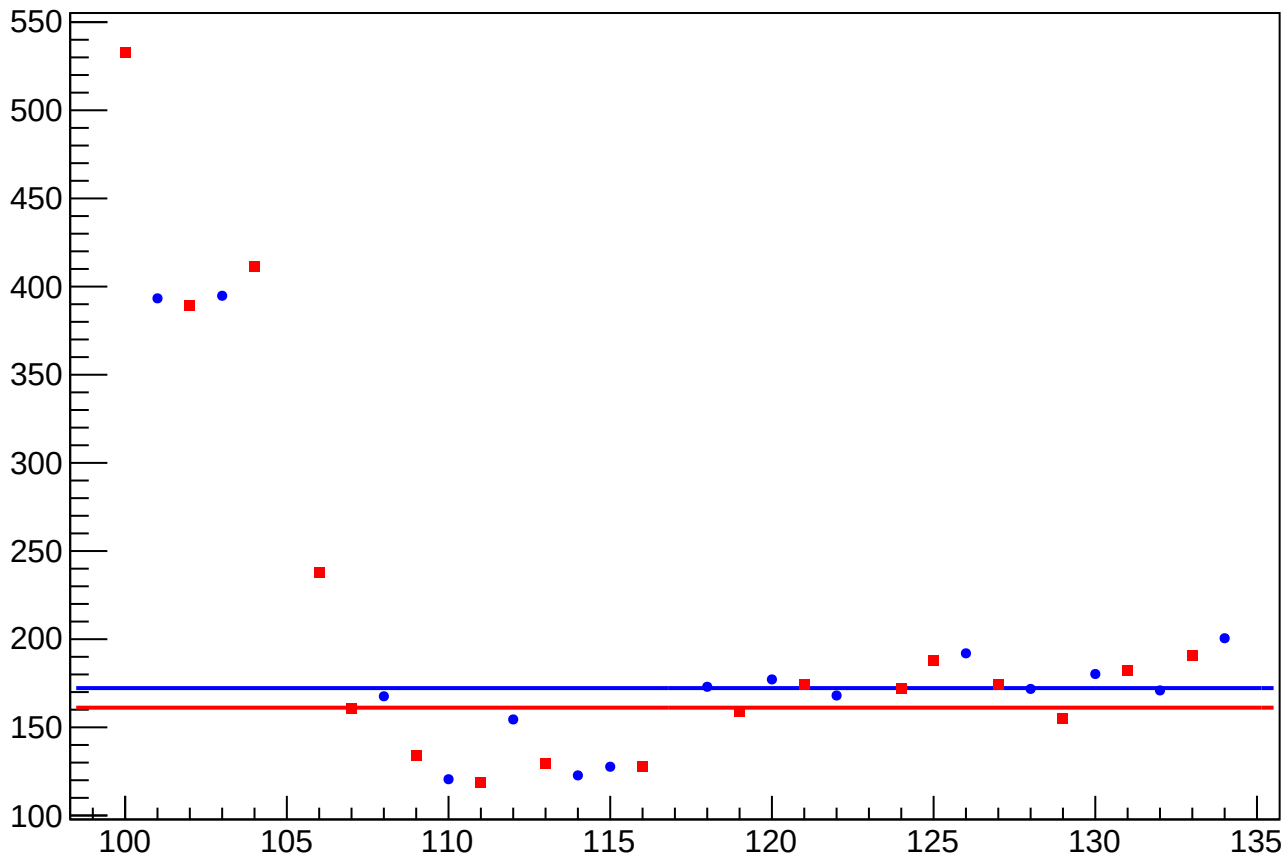
Right Out: 142808.316 $\pm$ 0.066 χ^2 /NDF: 60381624.6/16

All: 142809.057 $\pm$ 0.049 χ^2 /NDF: 117838952

- 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

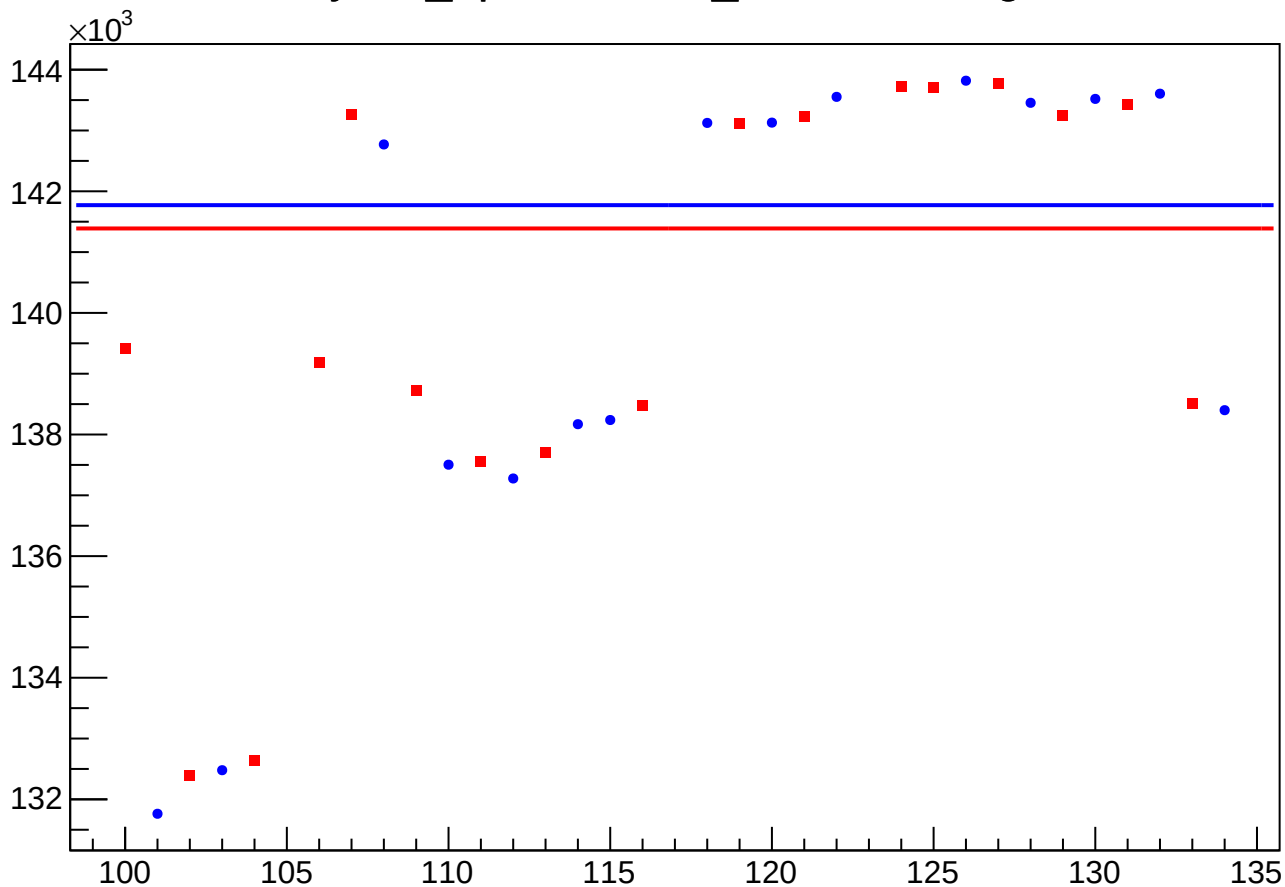
Right Out: 161.154+/-0.047 χ^2/NDF : 1246635.8/16

All: 166.154+/-0.035 χ^2/NDF : 2304679.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

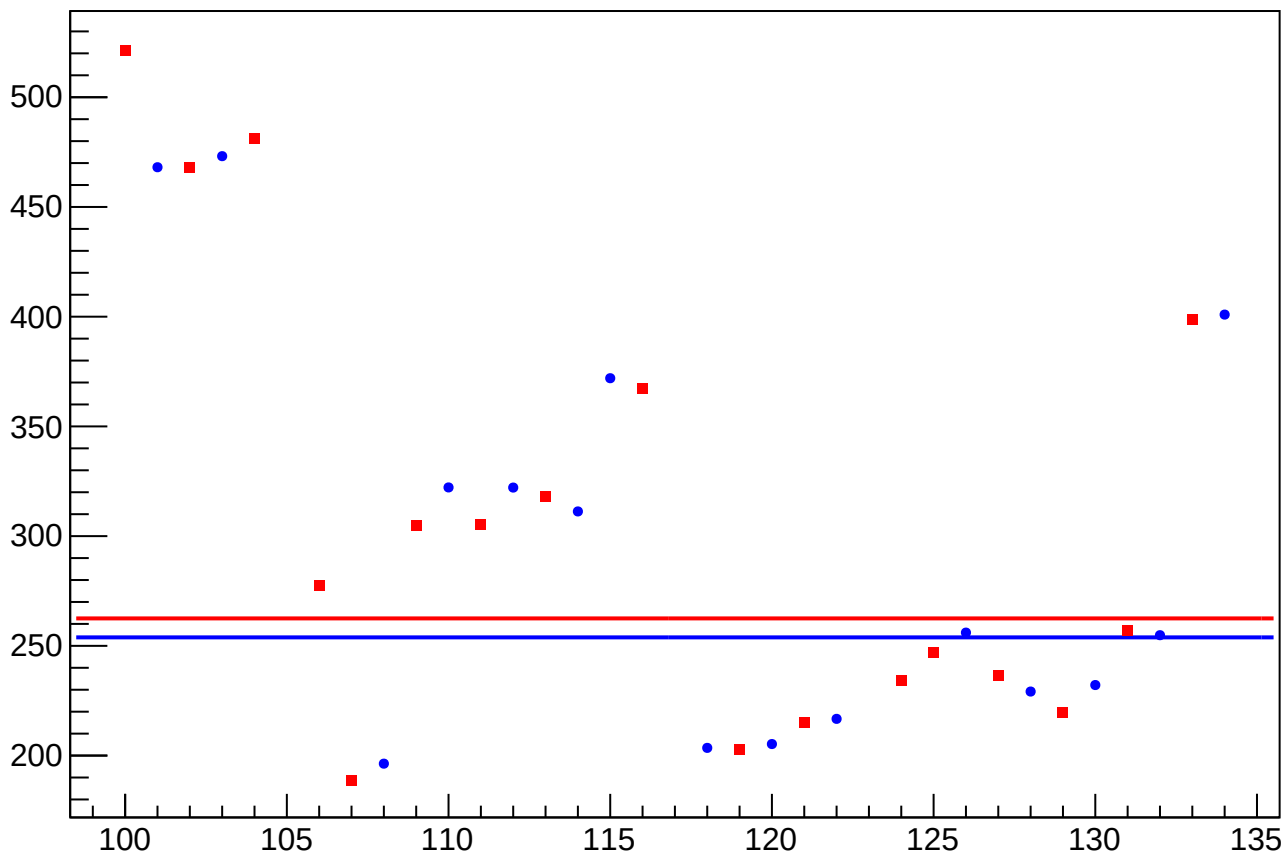
Right Out: 141388.721 $\pm$ 0.107 χ^2 /NDF: 866898952.3/16

All: 141578.885 $\pm$ 0.076 χ^2 /NDF: 178346889.8/16

- 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: 262.505 $\pm$ 0.076 χ^2 /NDF: 956961.7/16

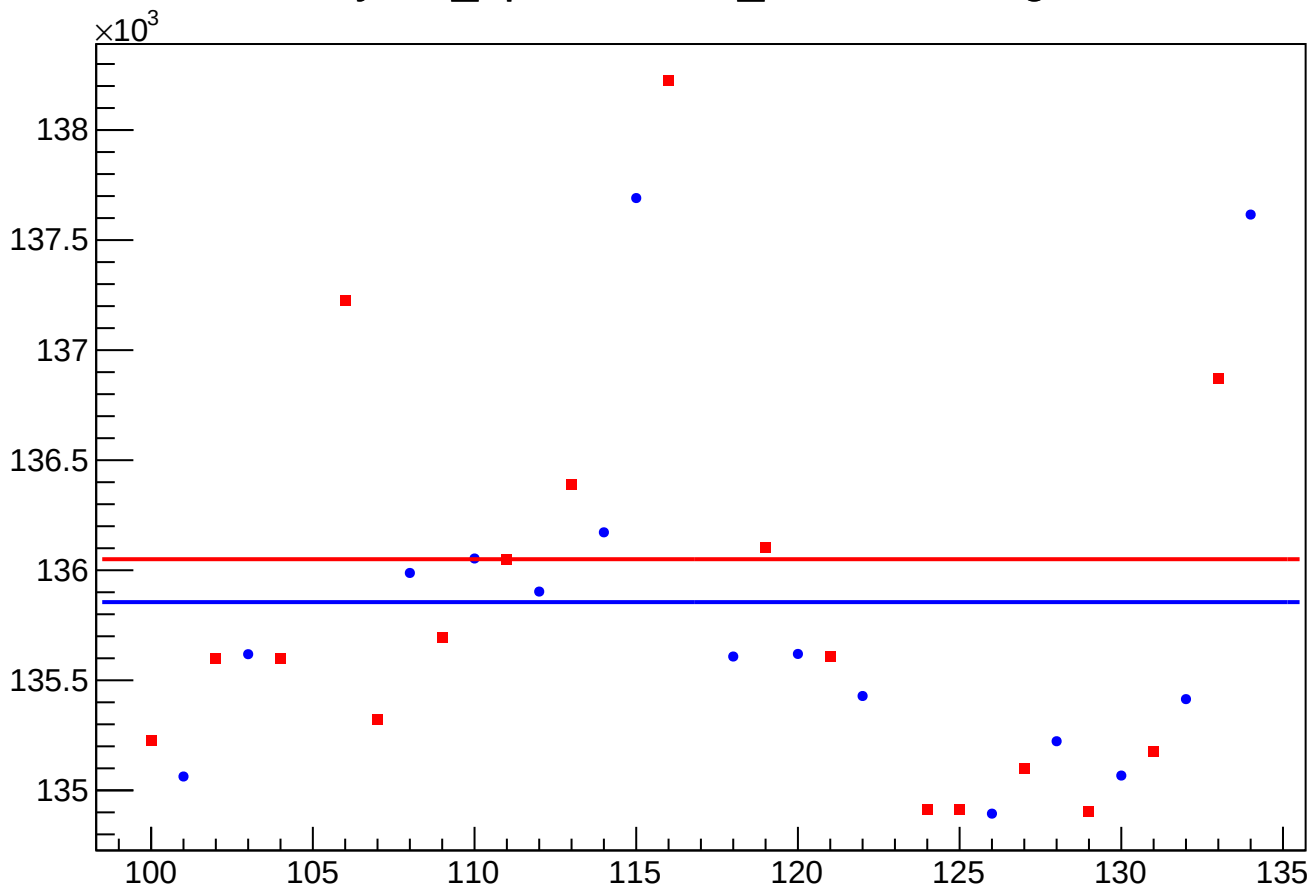
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 258.217 $\pm$ 0.054 χ^2 /NDF: 1911851.0/31

- 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

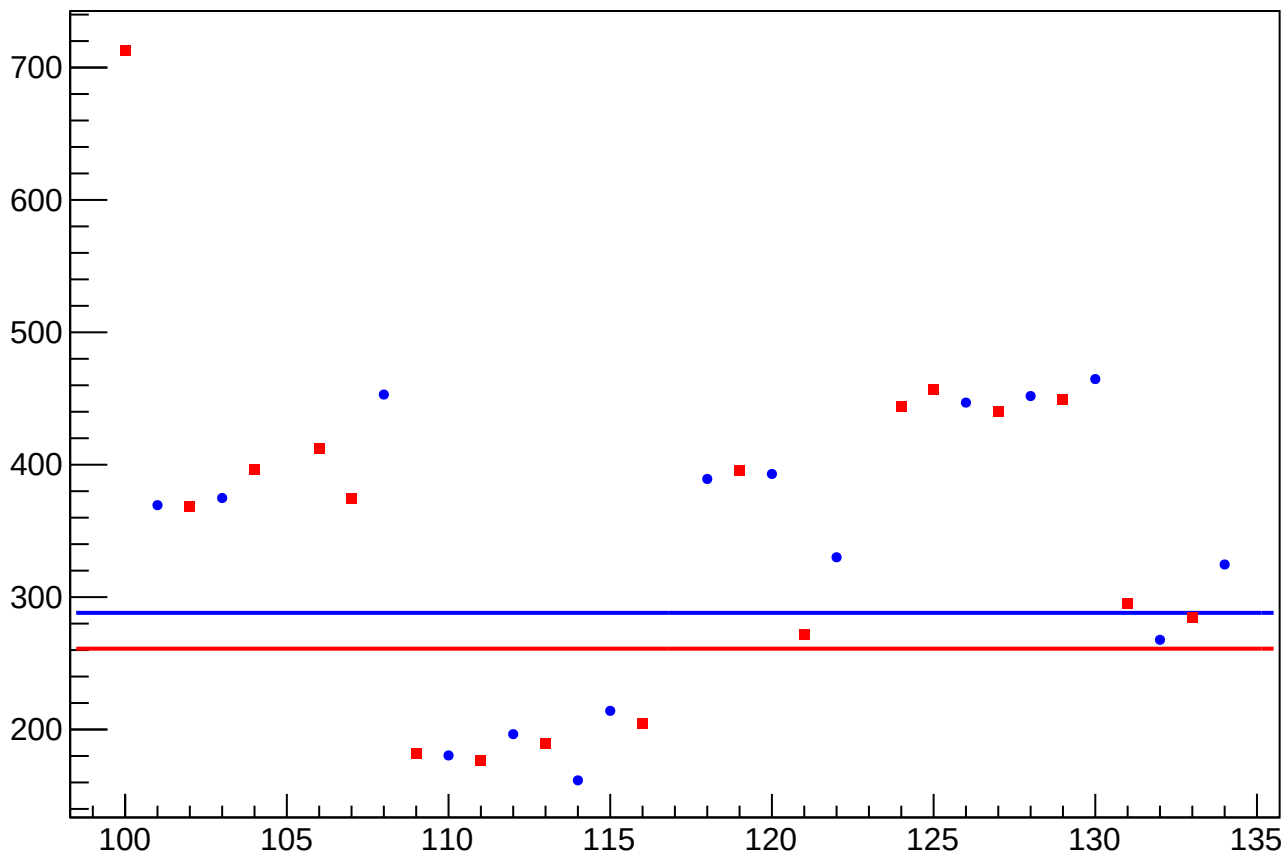
Right Out: 136050.169 $\pm$ 0.109 χ^2 /NDF: 51883184.8/16

All: 135964.859 $\pm$ 0.082 χ^2 /NDF: 83945596.0/17

- 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+/-0.088 χ^2/NDF : 1361764.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 261.046+/-0.077 χ^2/NDF : 1570514.1/16

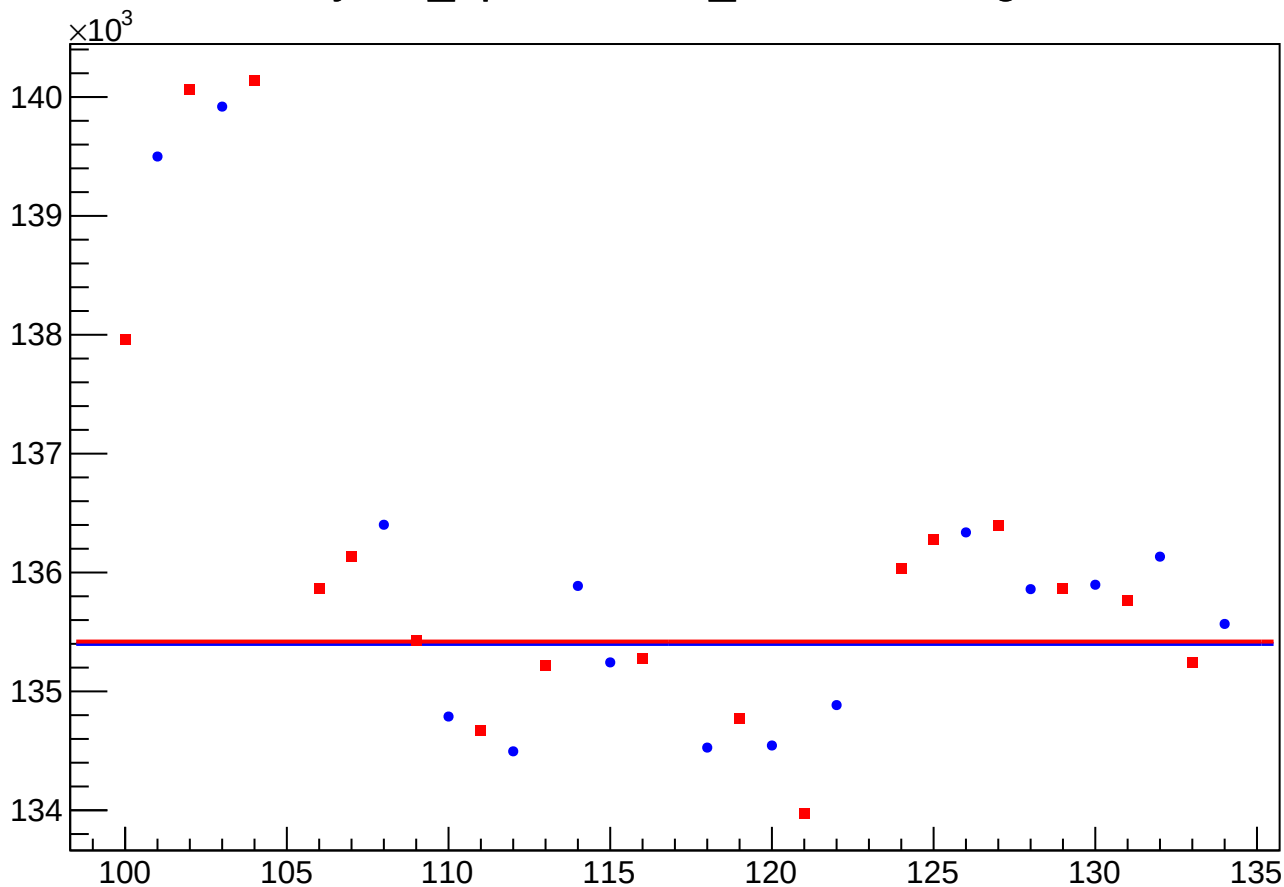
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 272.890+/-0.058 χ^2/NDF : 2985963.0/31

- sign 0.000+/-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

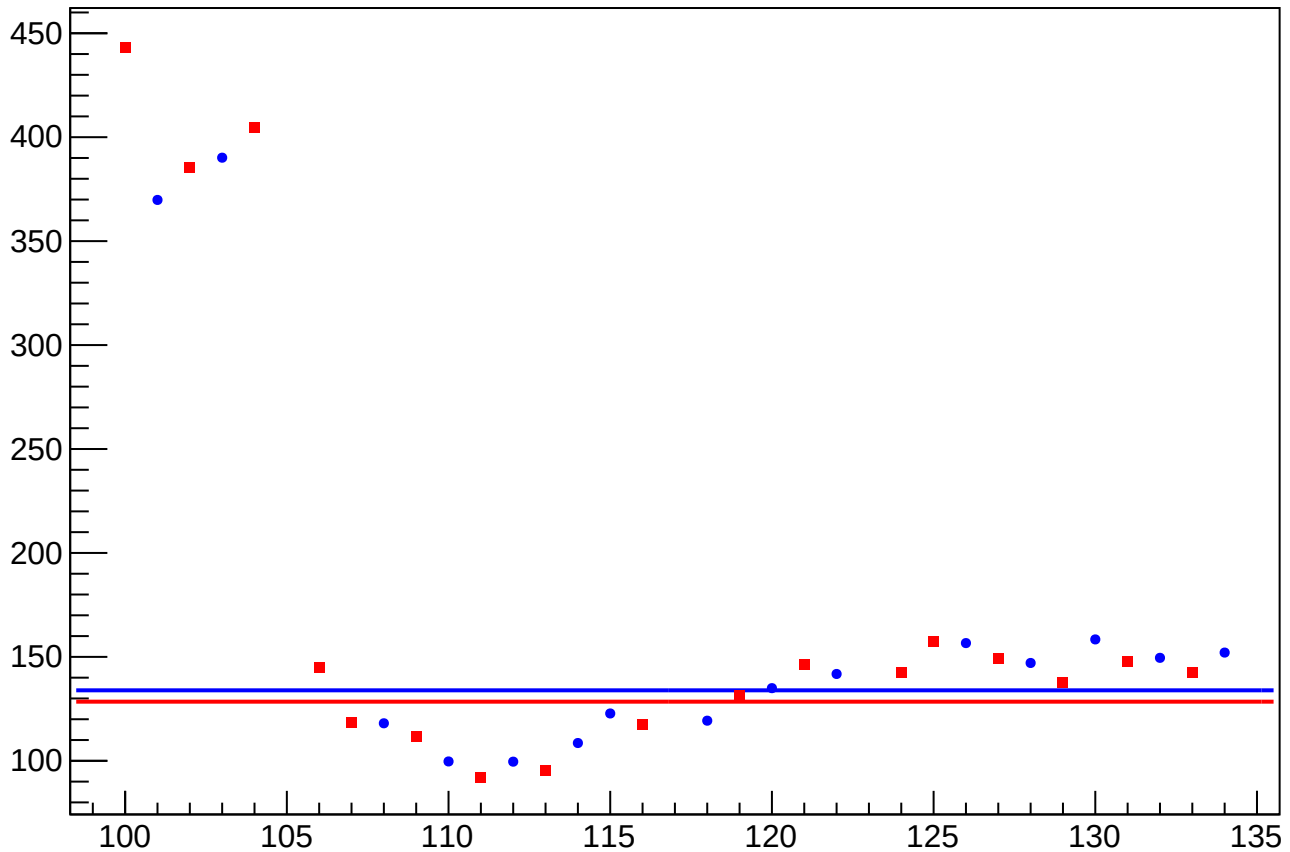
Right Out: 135419.154 $\pm$ 0.054 χ^2 /NDF: 302554216.3/16

All: 135409.927 $\pm$ 0.039 χ^2 /NDF: 623737320

- 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

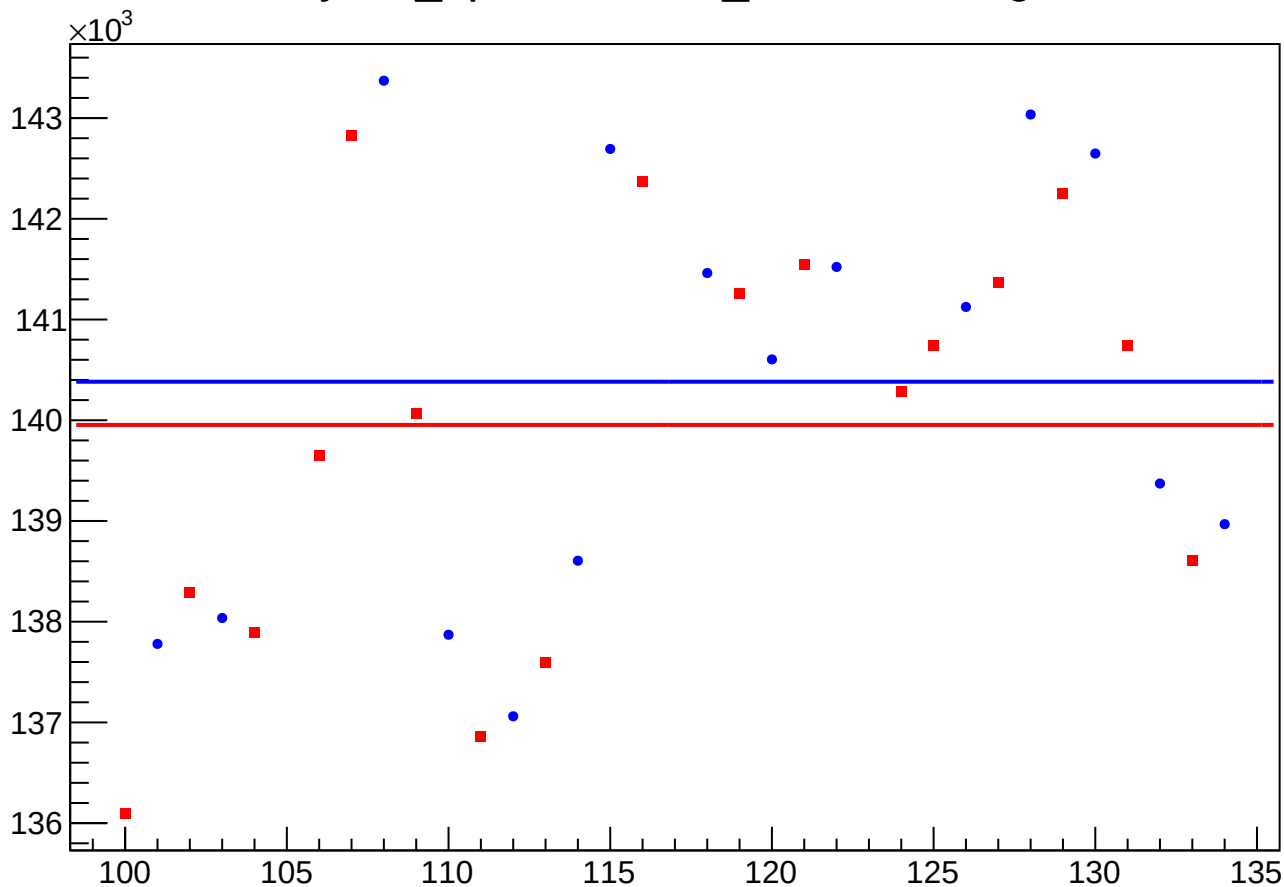
Right Out: 128.456 $\pm$ 0.038 χ^2 /NDF: 1489359.6/16

All: 130.984 $\pm$ 0.028 χ^2 /NDF: 2850654.9/31

- 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

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

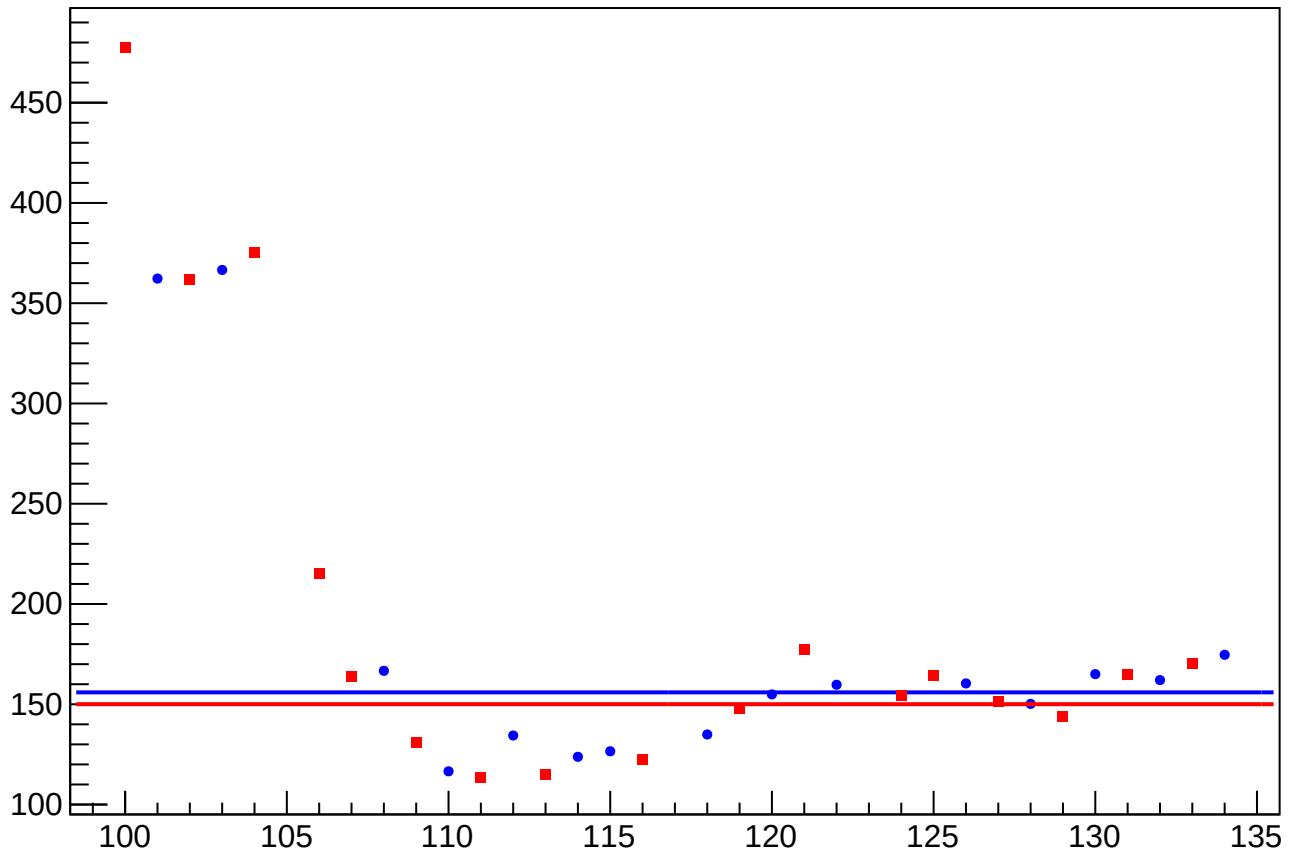
Right Out: 139953.688 $\pm$ 0.062 χ^2 /NDF: 968854925.6/16

All: 140153.251 $\pm$ 0.045 χ^2 /NDF: 19995863

- 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

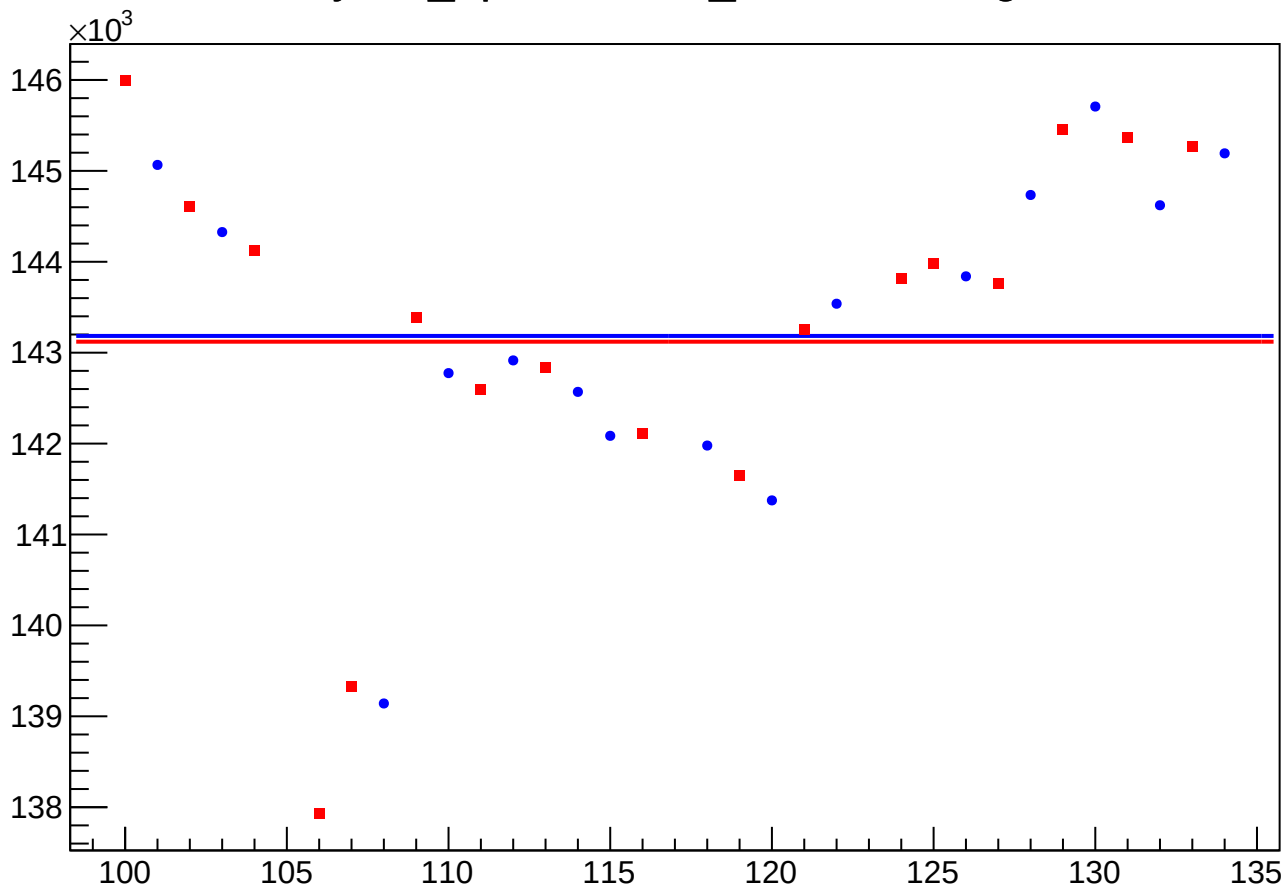
Right Out: 150.035+/-0.044 χ^2/NDF : 1195061.9/16

All: 152.781+/-0.032 χ^2/NDF : 2202264.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

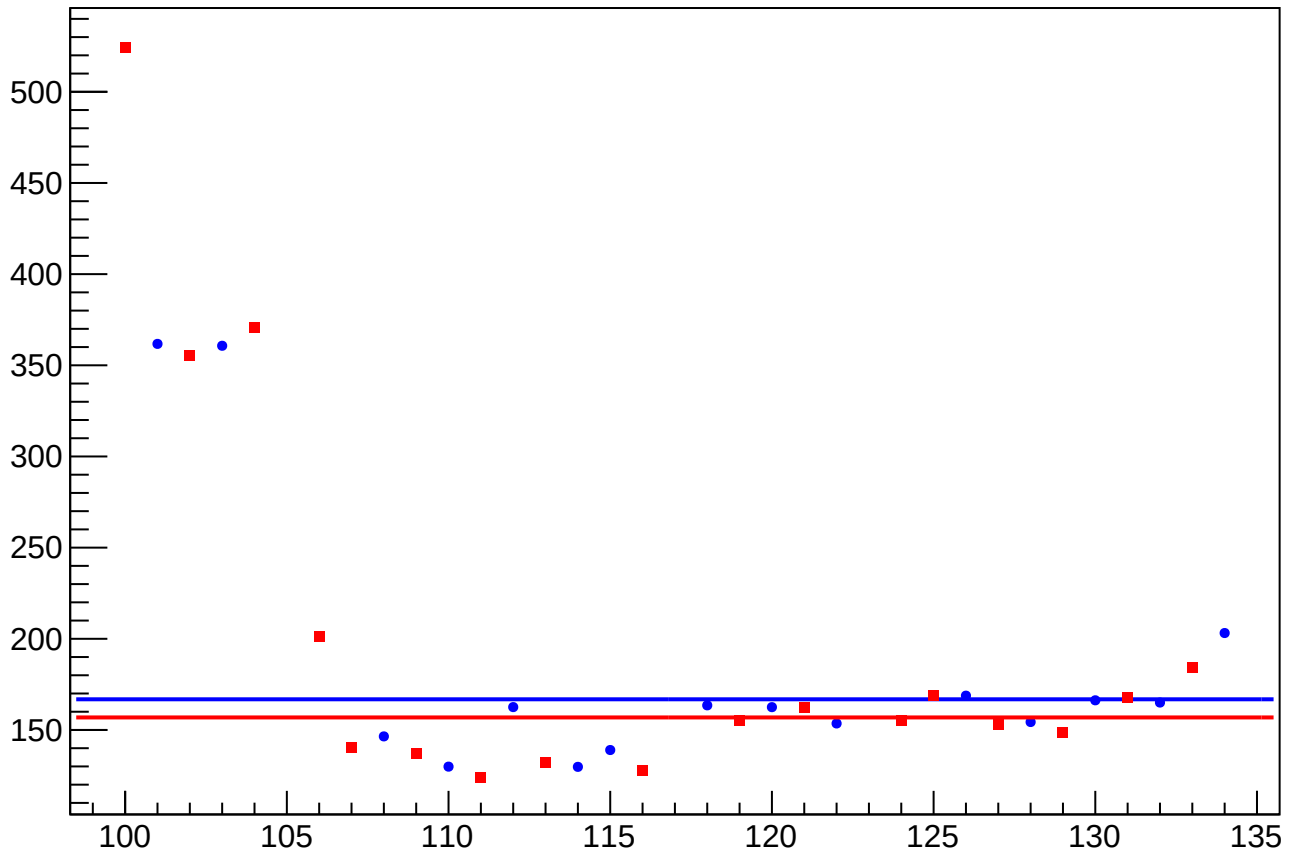
Right Out: 143120.877 $\pm$ 0.064 χ^2 /NDF: 686275999.0/16

All: 143149.597 $\pm$ 0.048 χ^2 /NDF: 132235702

- 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: 156.872 $\pm$ 0.045 χ^2 /NDF: 1016953.1/16

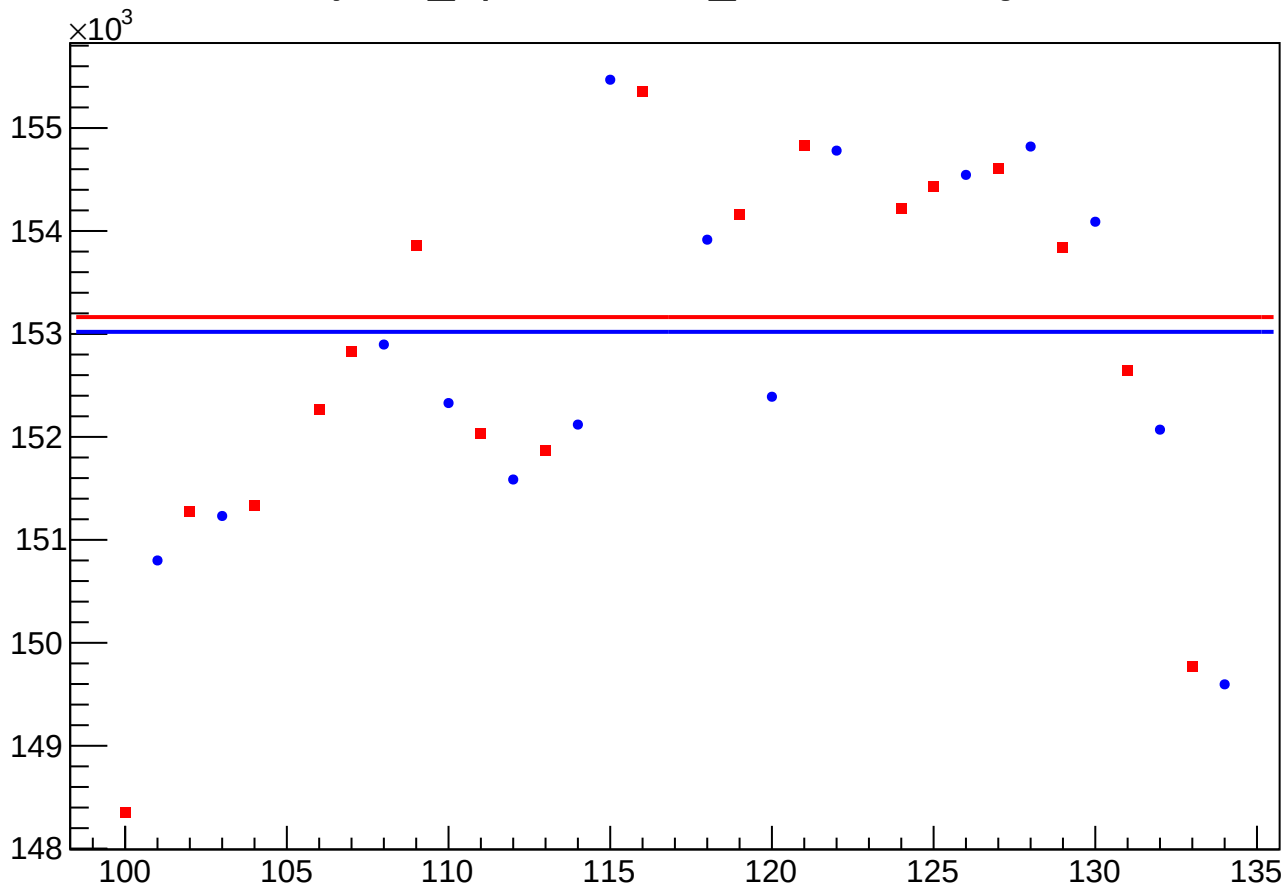
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 161.377 $\pm$ 0.034 χ^2 /NDF: 1902137.1/31

- sign 0.000 $\pm$ 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

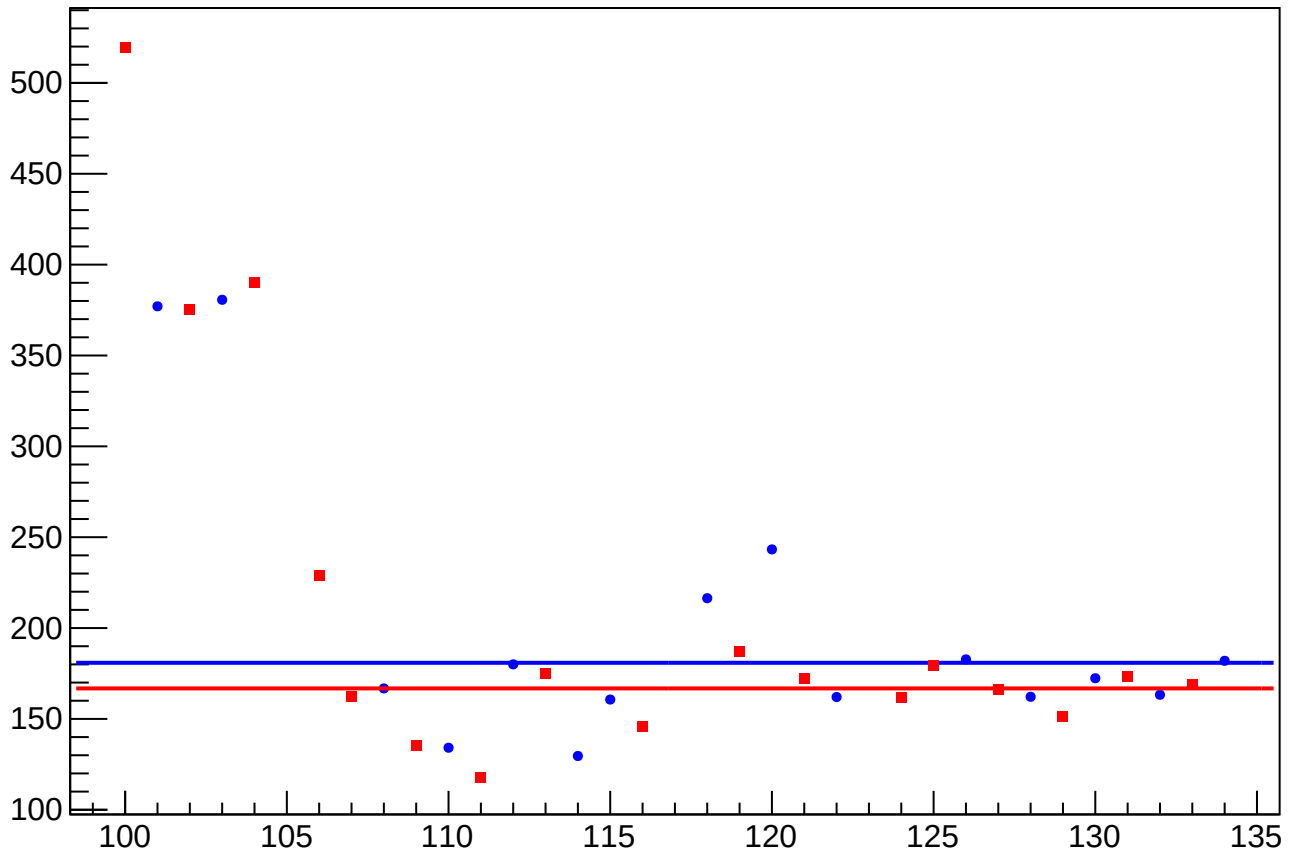
Right Out: 153163.733 $\pm$ 0.070 χ^2 /NDF: 459727484.8/16

All: 153100.491 $\pm$ 0.052 χ^2 /NDF: 852146103

- 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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

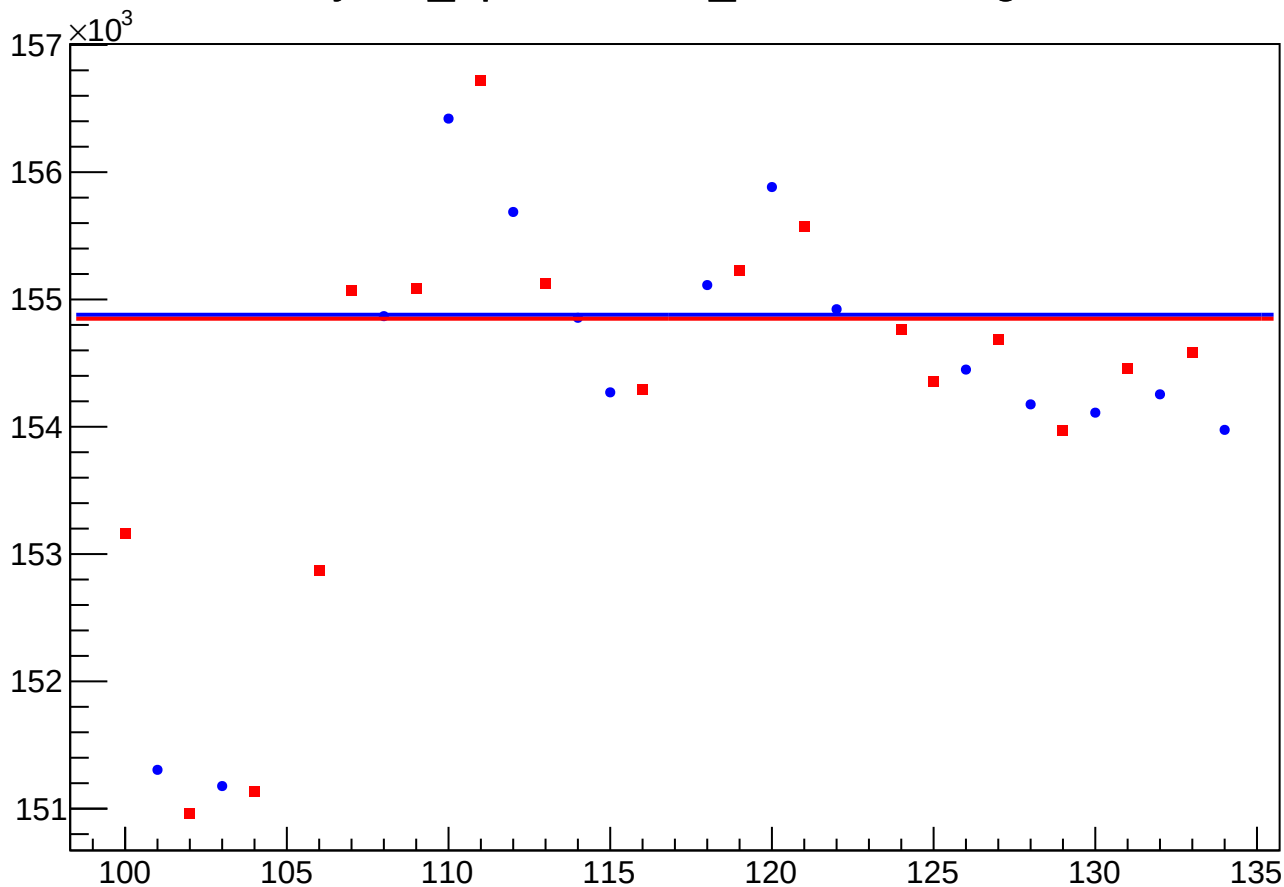
Right Out: 166.773 $\pm$ 0.049 χ^2 /NDF: 1075884.7/16

All: 172.999 $\pm$ 0.037 χ^2 /NDF: 2020006.4/31

- 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

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

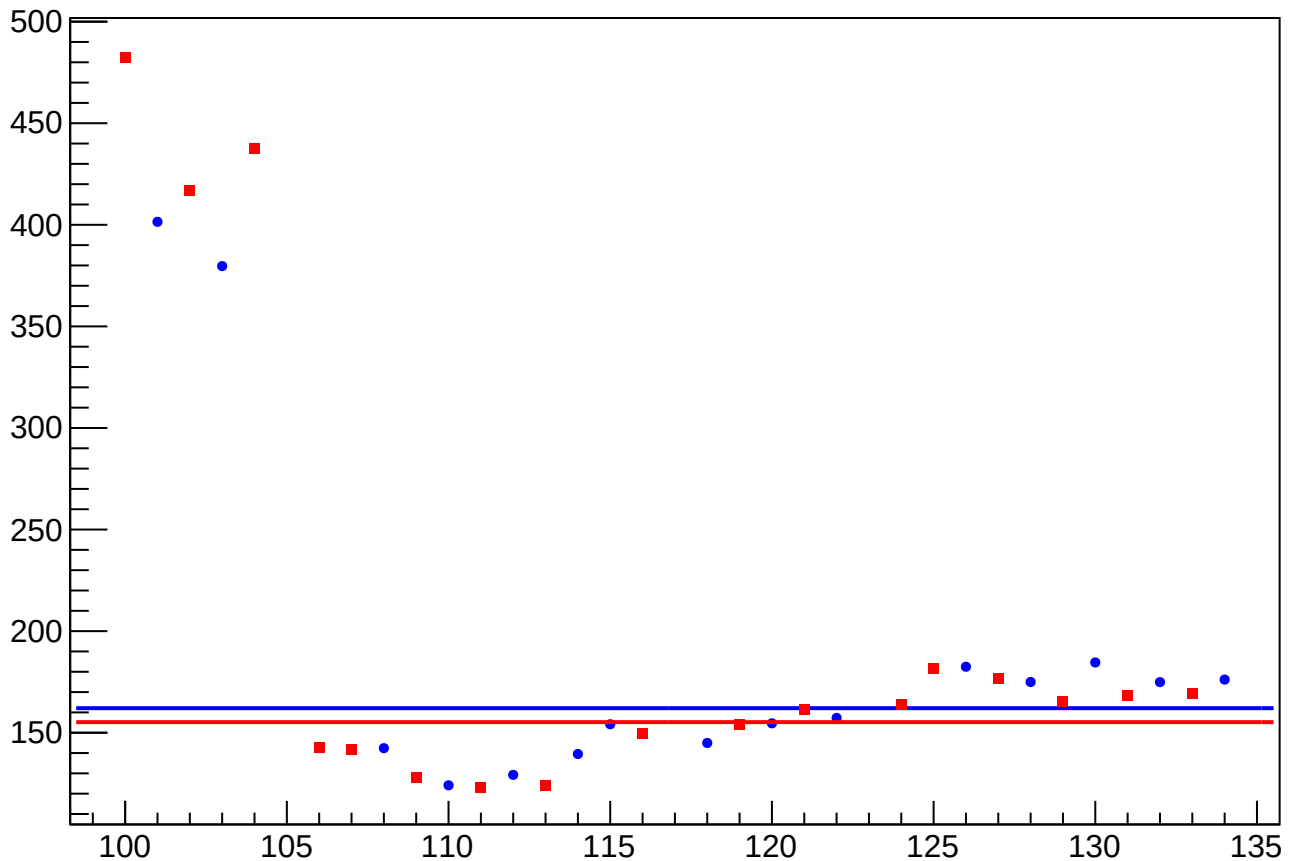
All: 154863.082 $\pm$ 0.047 χ^2 /NDF: 523485794

Right Out: 154848.803 $\pm$ 0.063 χ^2 /NDF: 293238848.9/16

- 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

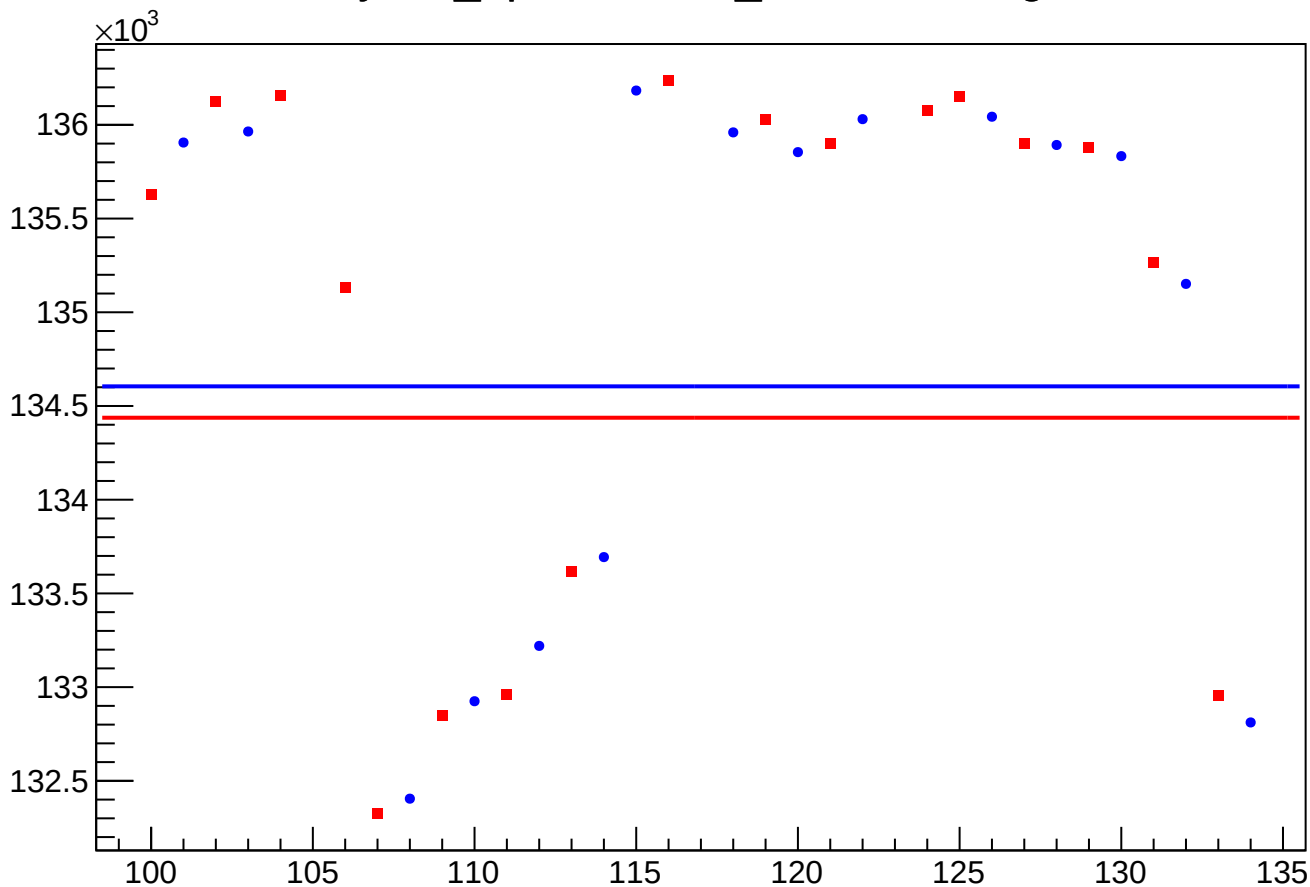
Right Out: 155.205 $\pm$ 0.045 χ^2 /NDF: 1223389.5/16

All: 158.358 $\pm$ 0.033 χ^2 /NDF: 2274103.2/31

- 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

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

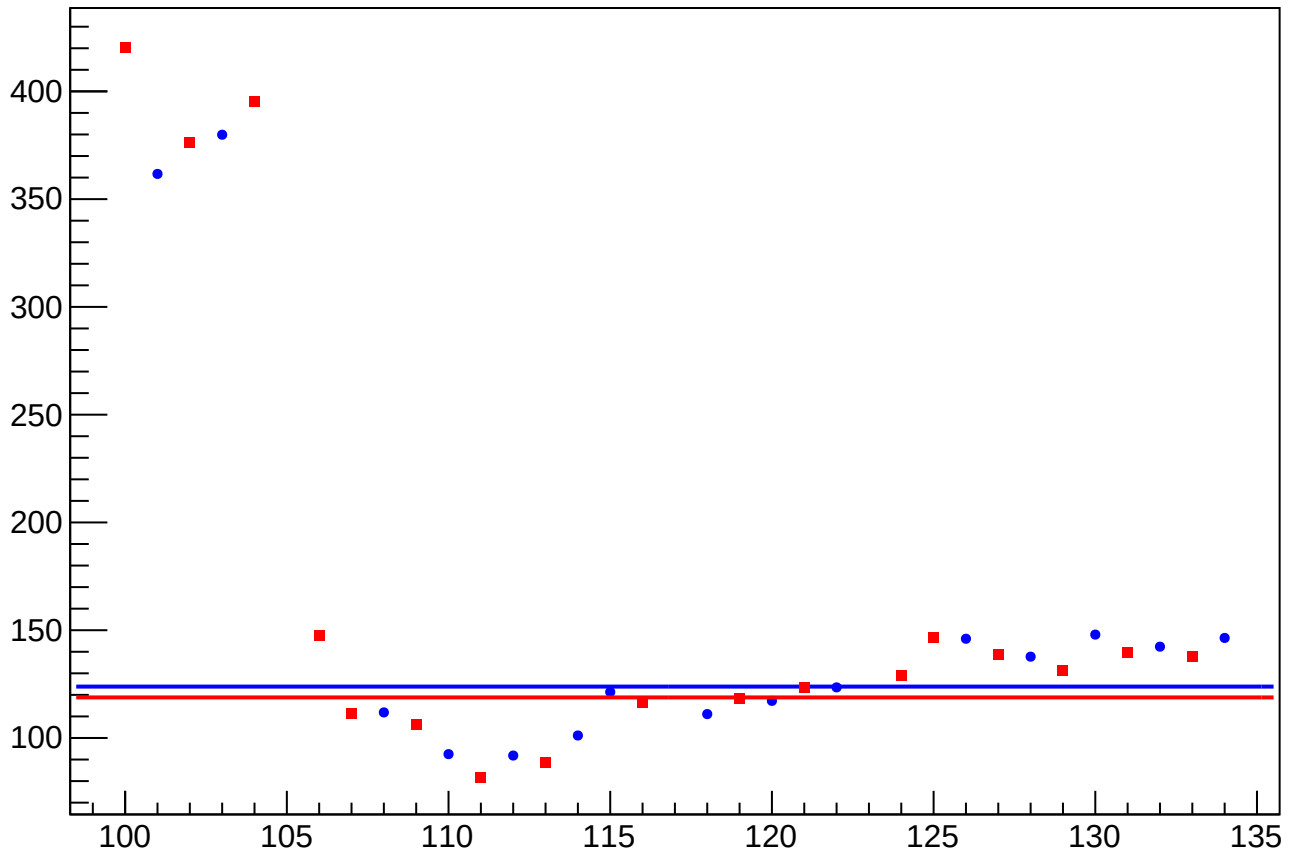
All: 134514.924 $\pm$ 0.036 χ^2 /NDF: 16177086

Right Out: 134437.361 $\pm$ 0.050 χ^2 /NDF: 857163509.6/16

- 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+/-0.038 χ^2/NDF : 1424889.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.817+/-0.035 χ^2/NDF : 1588642.5/16

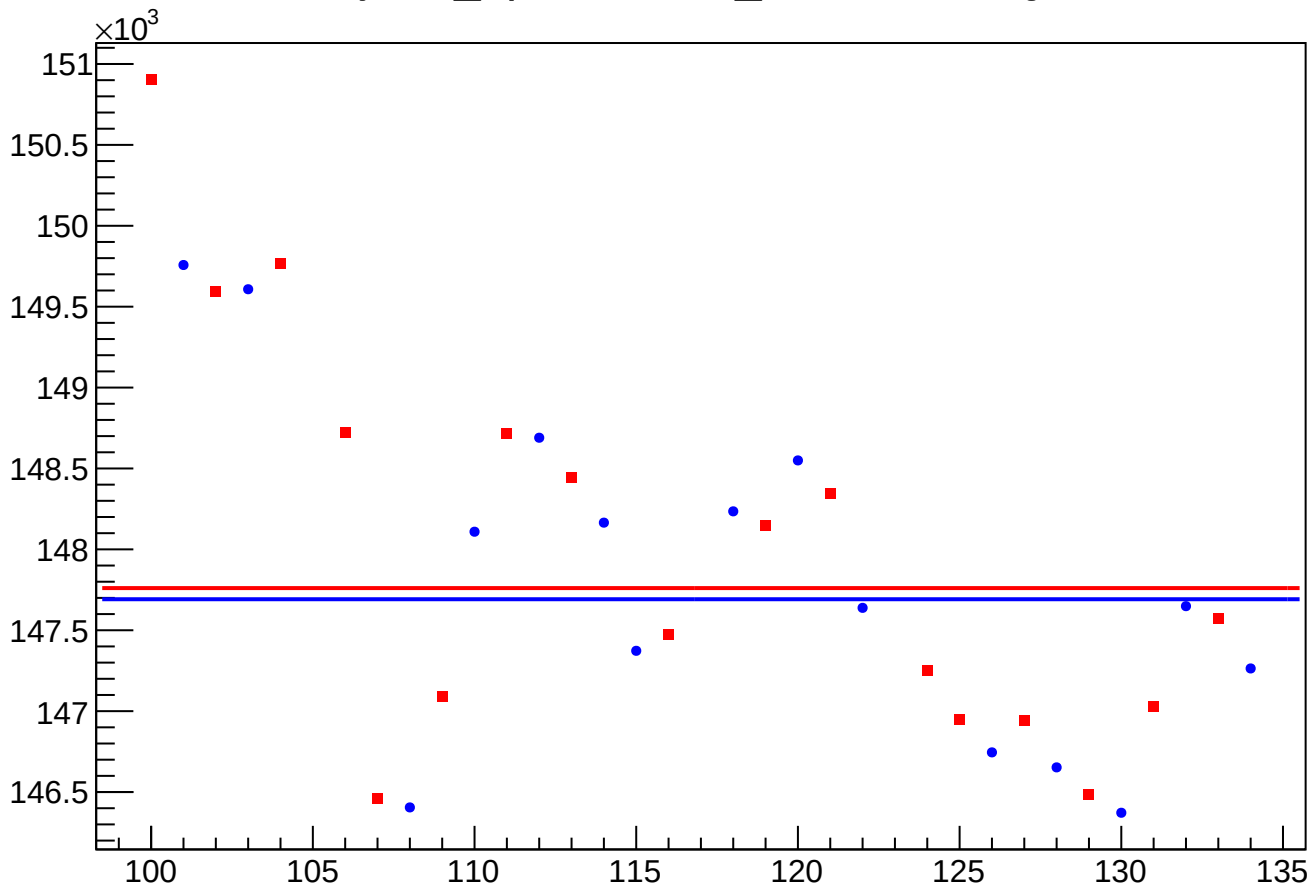
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.147+/-0.026 χ^2/NDF : 3023012.9/31

- sign 0.000+/-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

+ 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

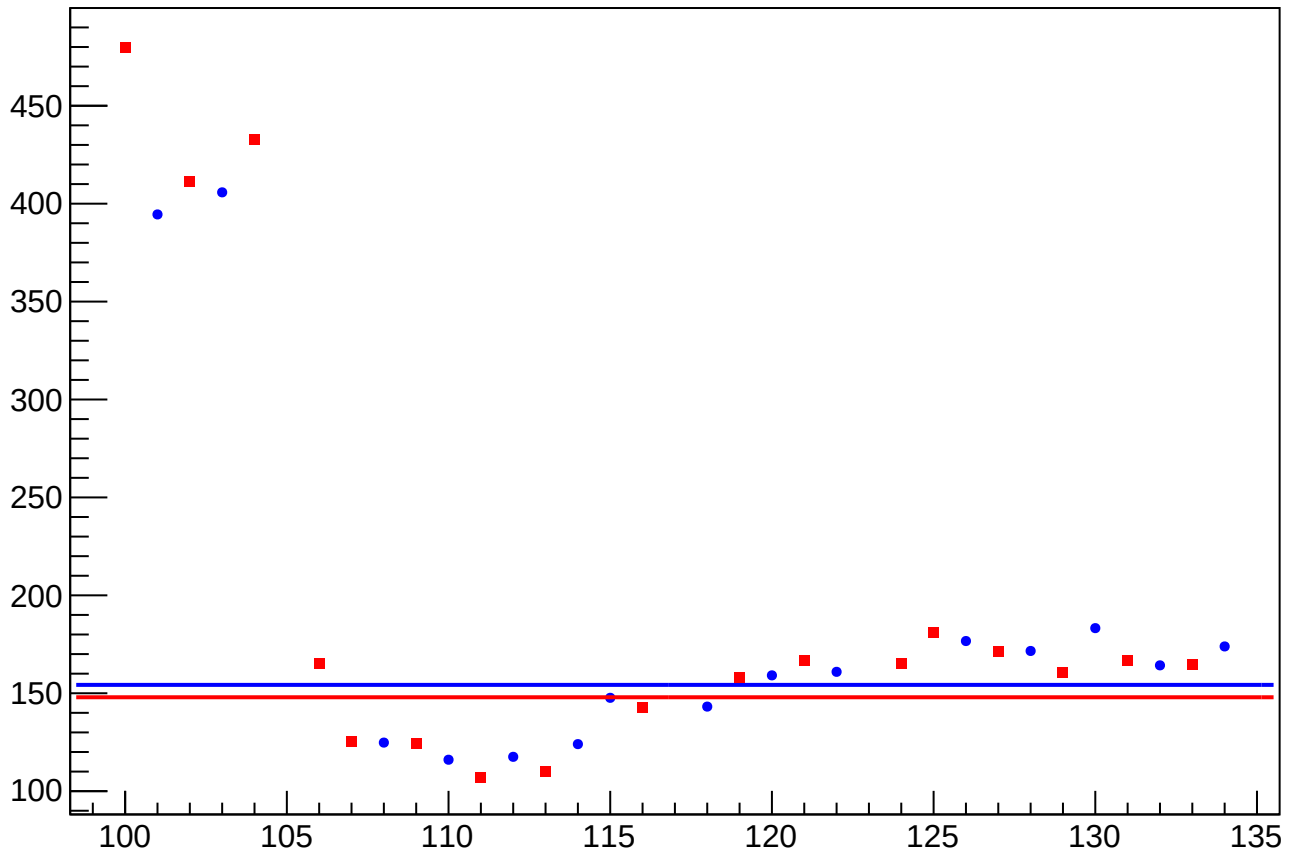
All: 147728.787 $\pm$ 0.045 χ^2 /NDF: 374423106

Right Out: 147760.607 $\pm$ 0.061 χ^2 /NDF: 189866715.7/16

- 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+/-0.047 χ^2/NDF : 1234427.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.950+/-0.043 χ^2/NDF : 1421863.3/16

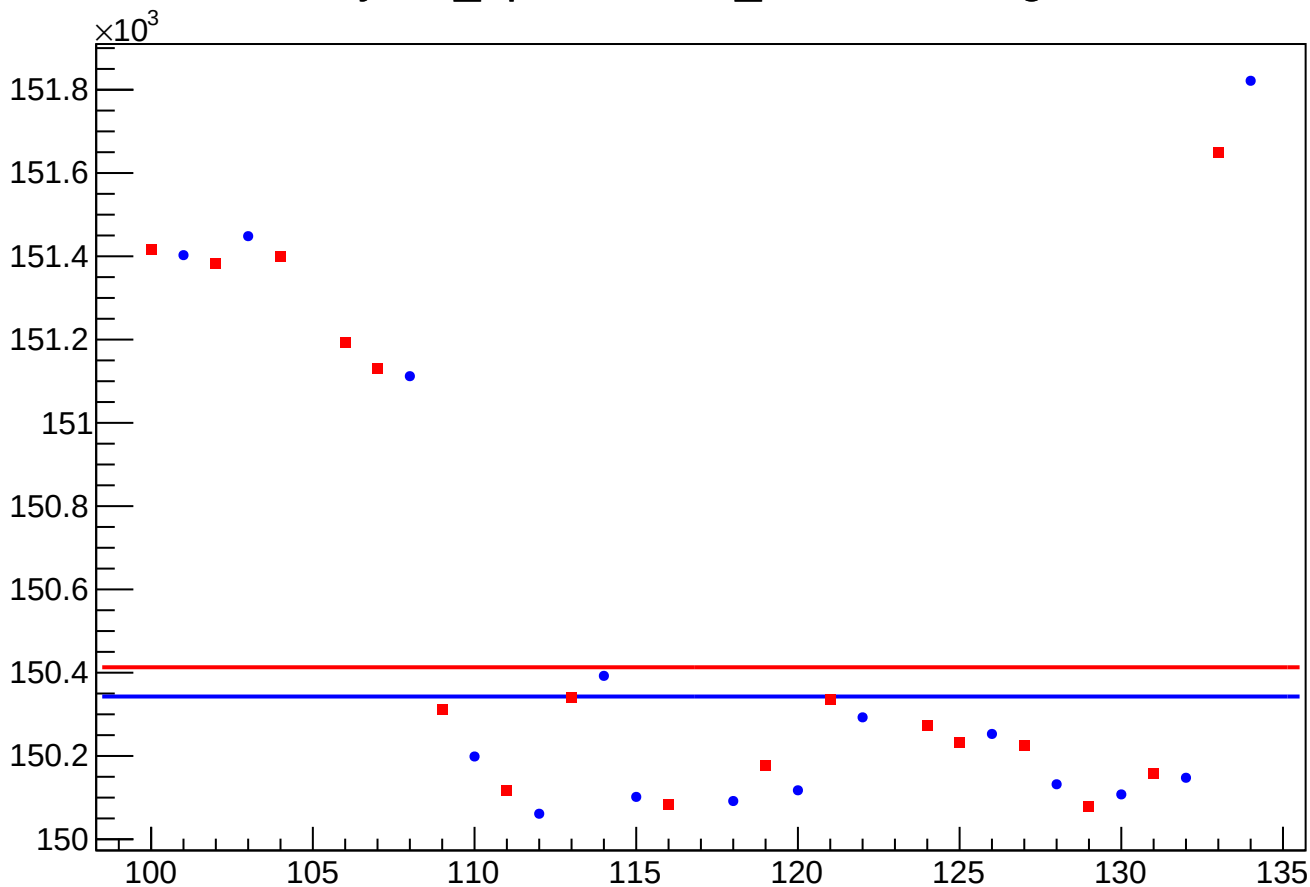
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.874+/-0.032 χ^2/NDF : 2666179.7/31

- 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

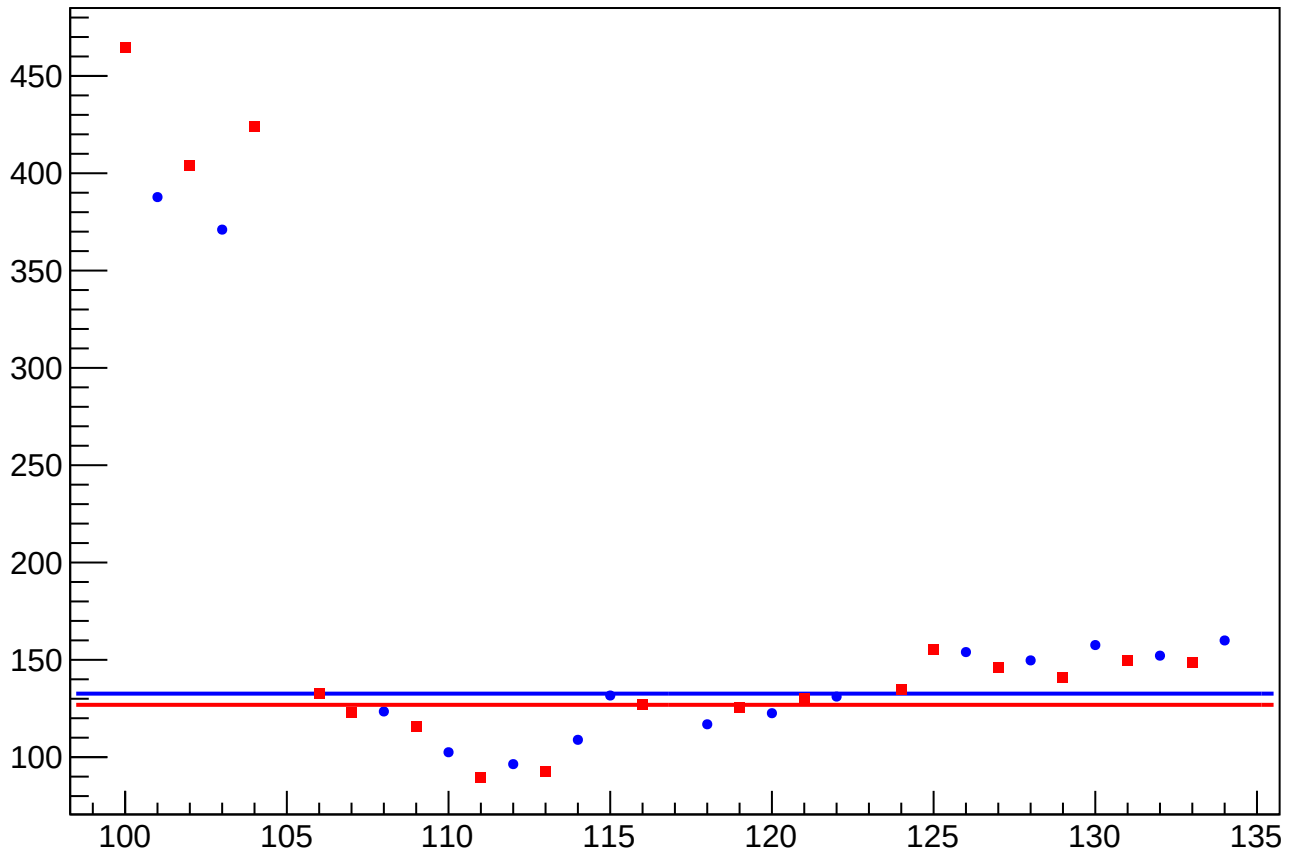
Right Out: 150413.023 $\pm$ 0.053 χ^2 /NDF: 70824477.2/16

All: 150380.845 $\pm$ 0.039 χ^2 /NDF: 138279383

- 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

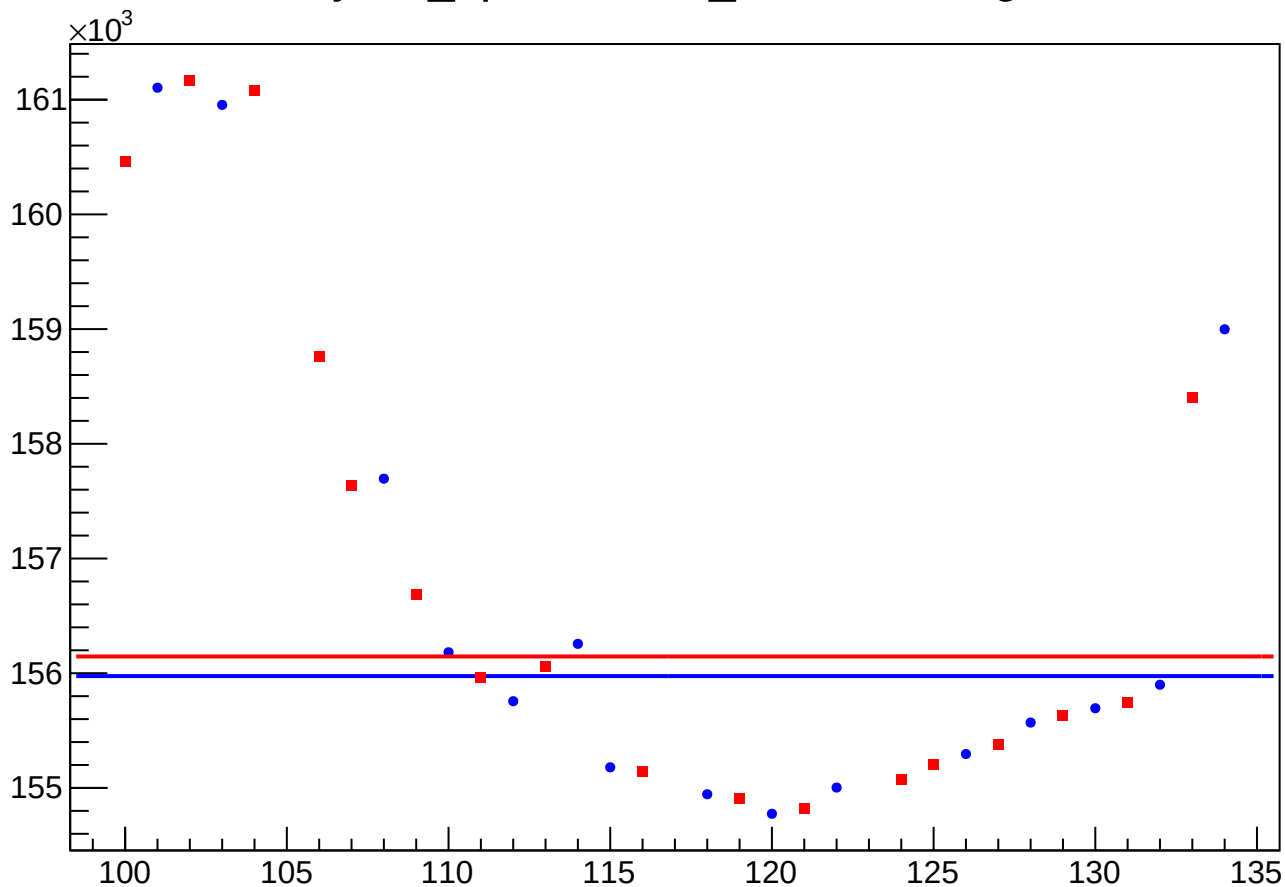
Right Out: 126.882 $\pm$ 0.037 χ^2 /NDF: 1555145.1/16

All: 129.518 $\pm$ 0.027 χ^2 /NDF: 2911379.7/31

- 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

yield_bpm2i02WS_mean vs Slug



Right In: 155974.964 $\pm$ 0.060 χ^2 /NDF: 494242685.1/14

+ 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

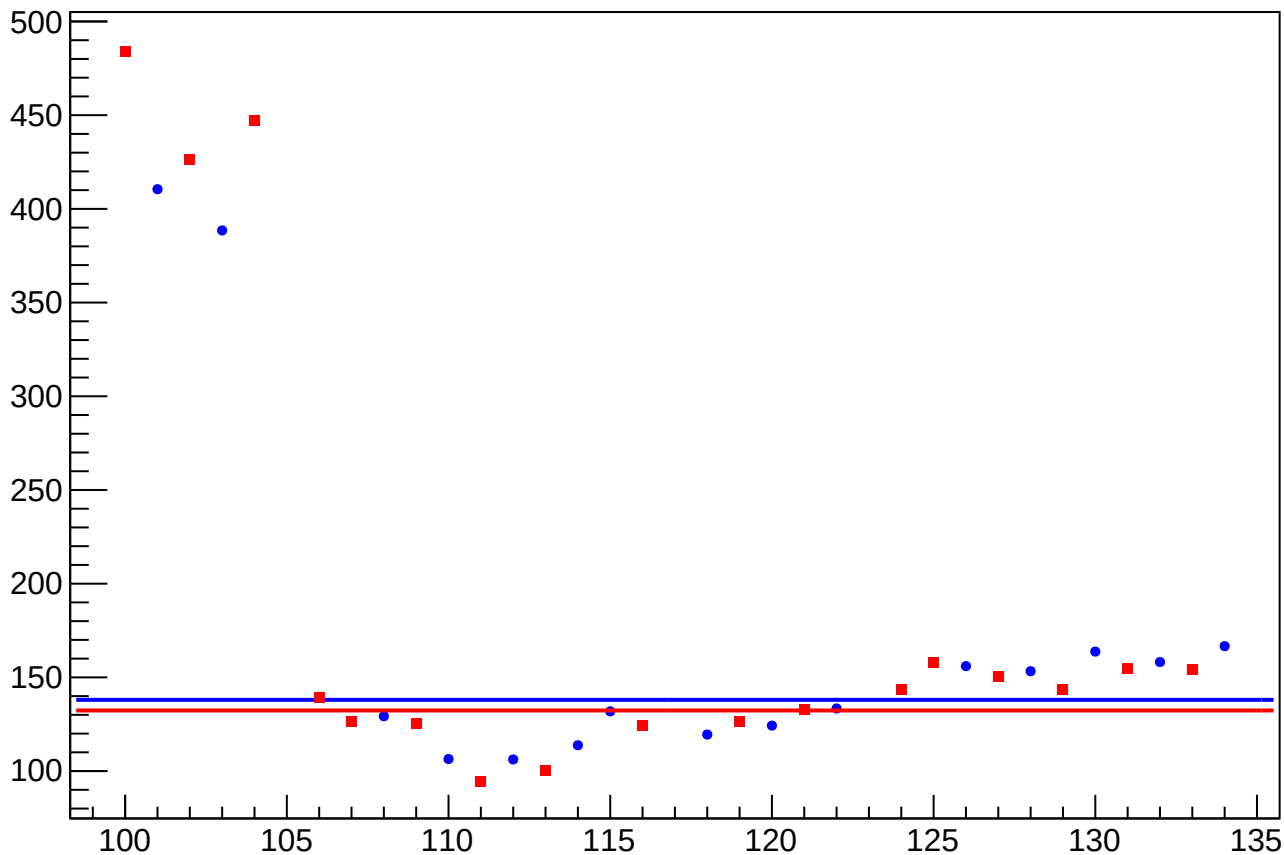
Right Out: 156146.089 $\pm$ 0.055 χ^2 /NDF: 564874098.6/16

All: 156067.565 $\pm$ 0.040 χ^2 /NDF: 106358504

- 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

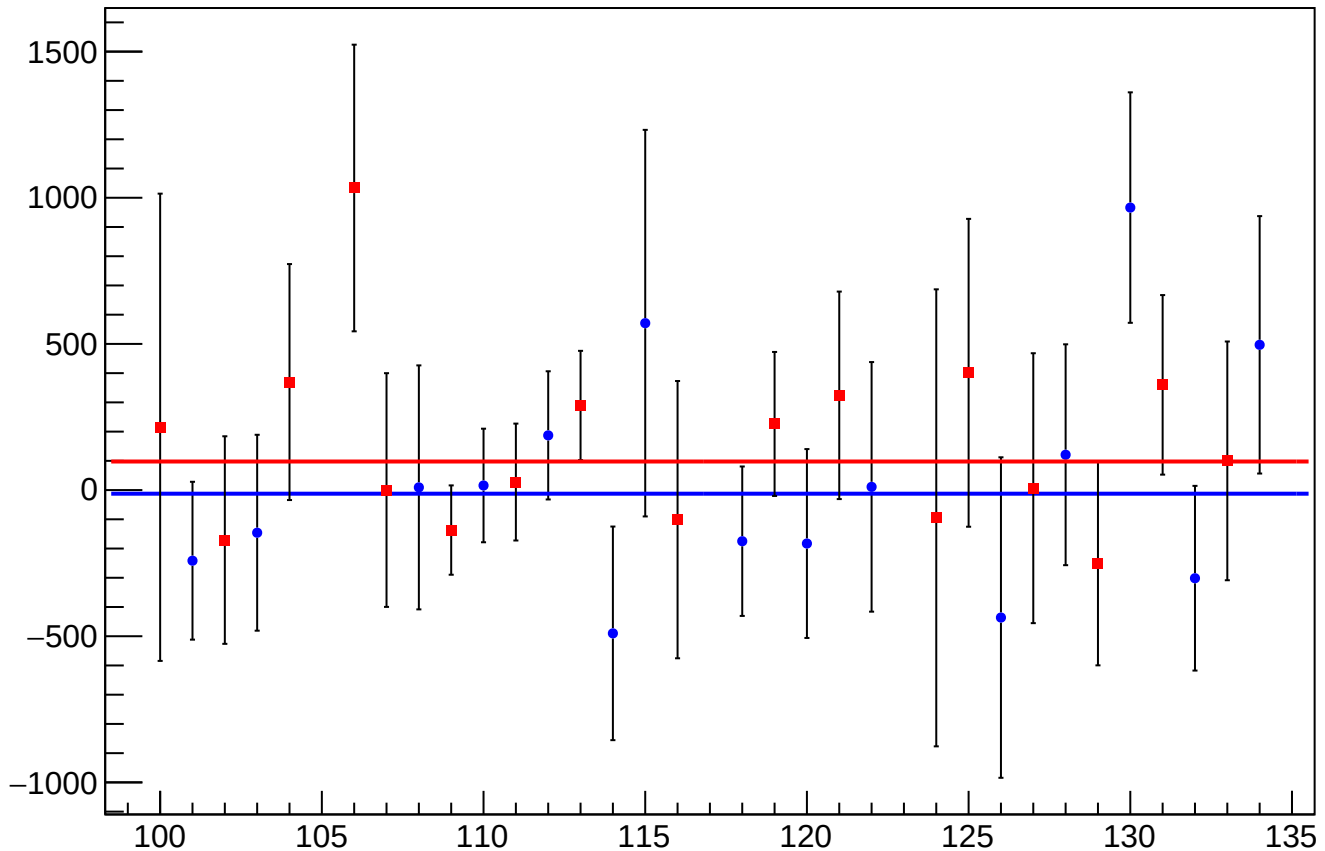
Right Out: 132.338 $\pm$ 0.039 χ^2 /NDF: 1515524.2/16

All: 134.944 $\pm$ 0.029 χ^2 /NDF: 2842450.4/31

- 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_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: 97.723+/-73.300 χ^2/NDF : 11.3/16

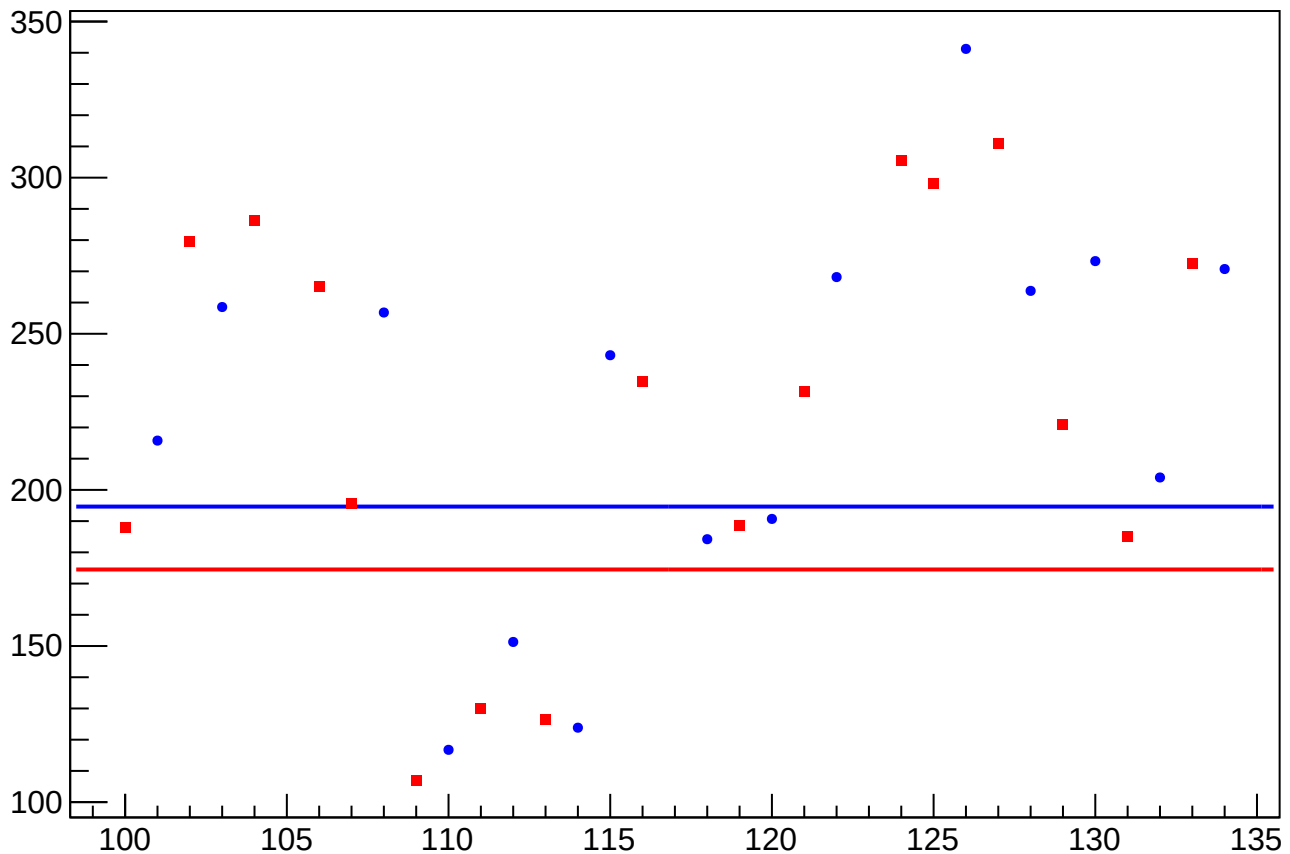
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.993+/-54.728 χ^2/NDF : 26.3/31

- 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: 174.509+/-0.052 χ^2/NDF : 1612307.9/16

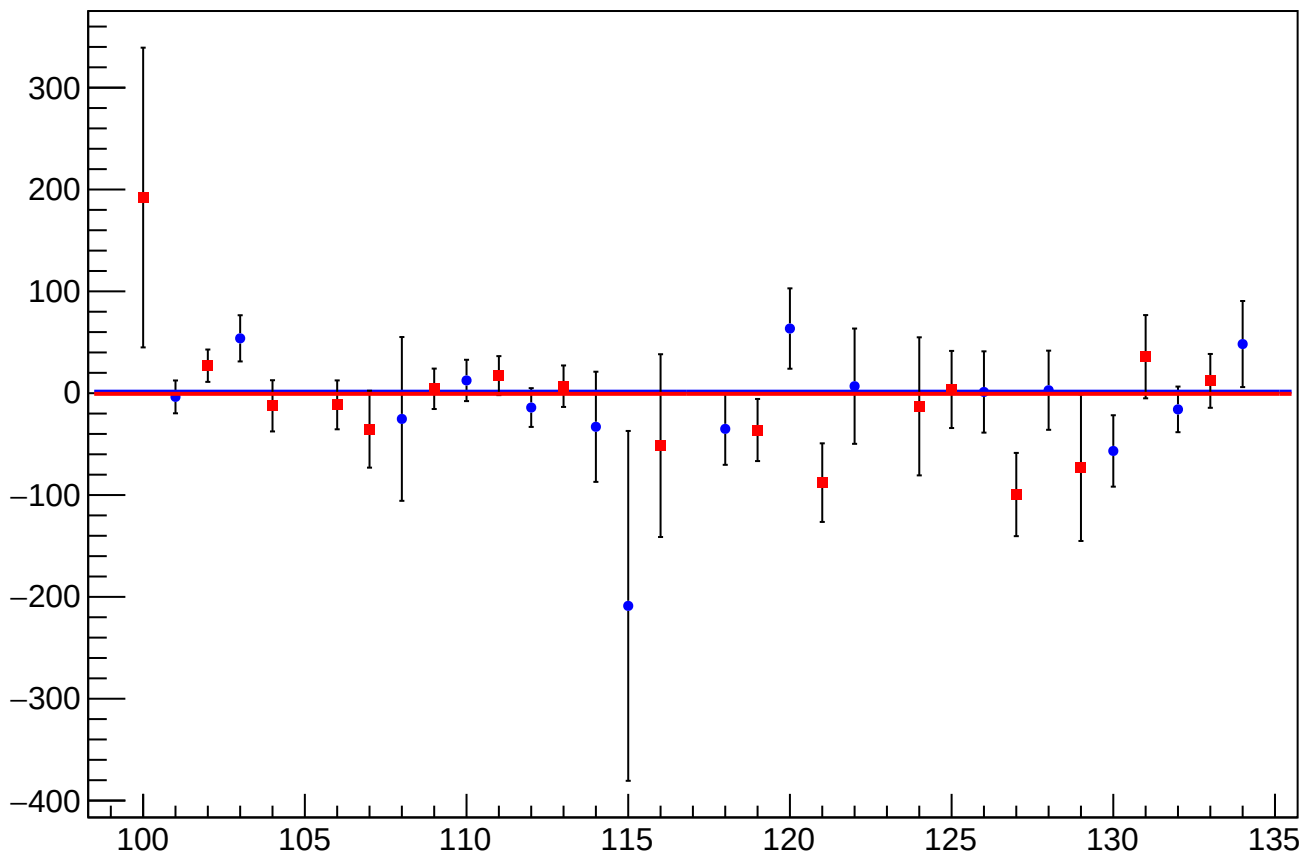
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.425+/-0.039 χ^2/NDF : 2707910.9/31

- 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: -0.618+/-6.849 χ^2/NDF : 21.8/16

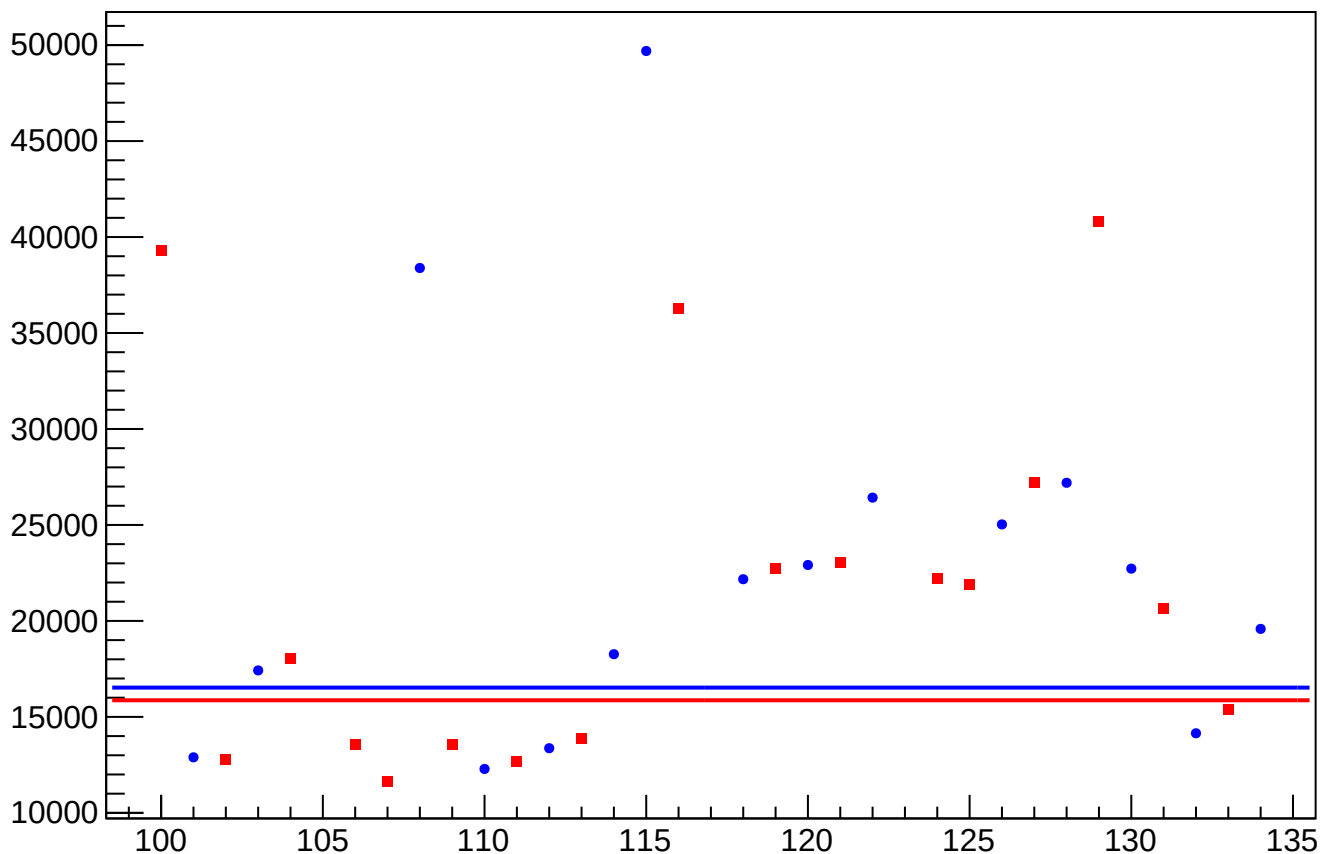
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.346+/-5.048 χ^2/NDF : 38.4/31

- 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

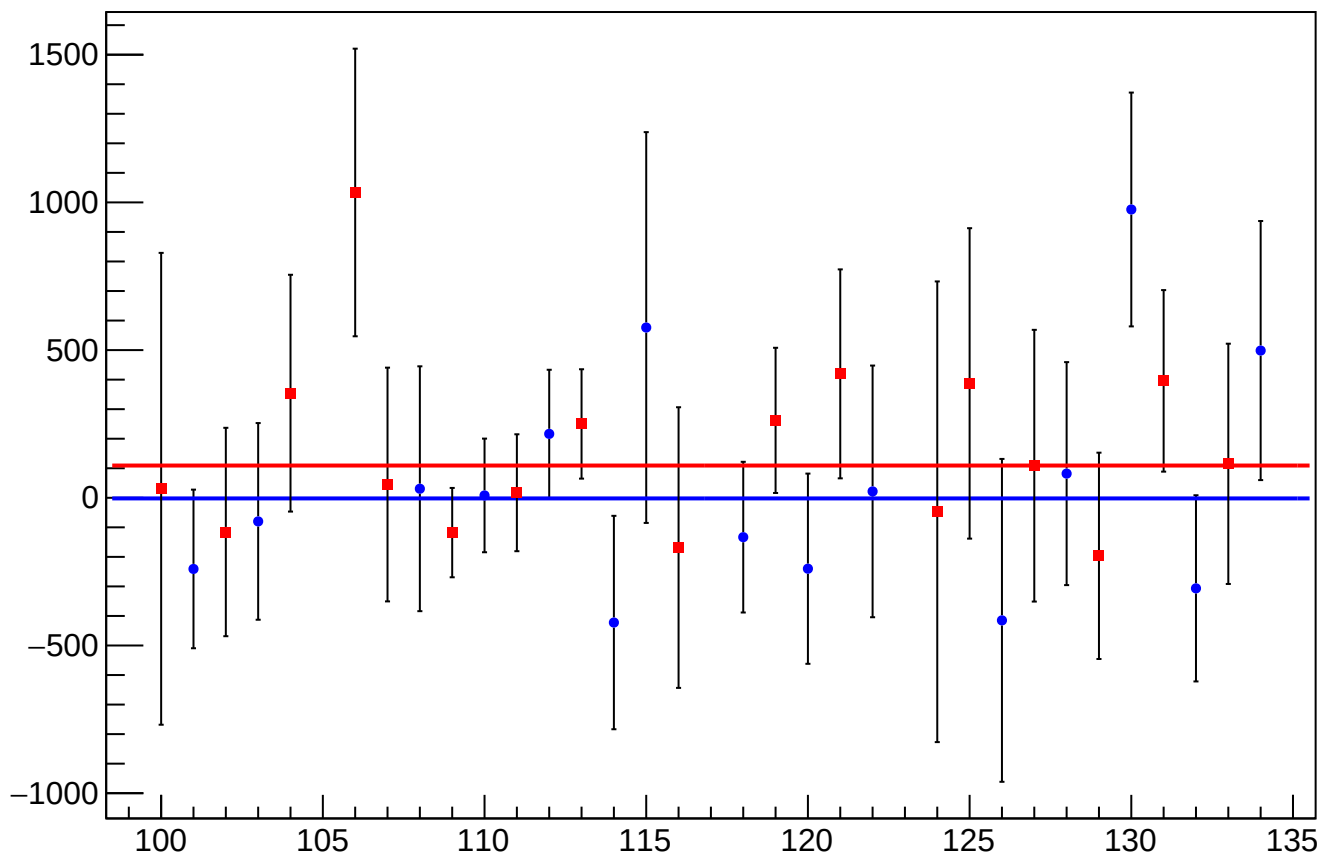
All: 16167.135+/-3.570 χ^2/NDF : 2035110.4/3

Right Out: 15865.413+/-4.843 χ^2/NDF : 1053552.8/16

- 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: 109.224+/-72.800 χ^2/NDF : 10.9/16

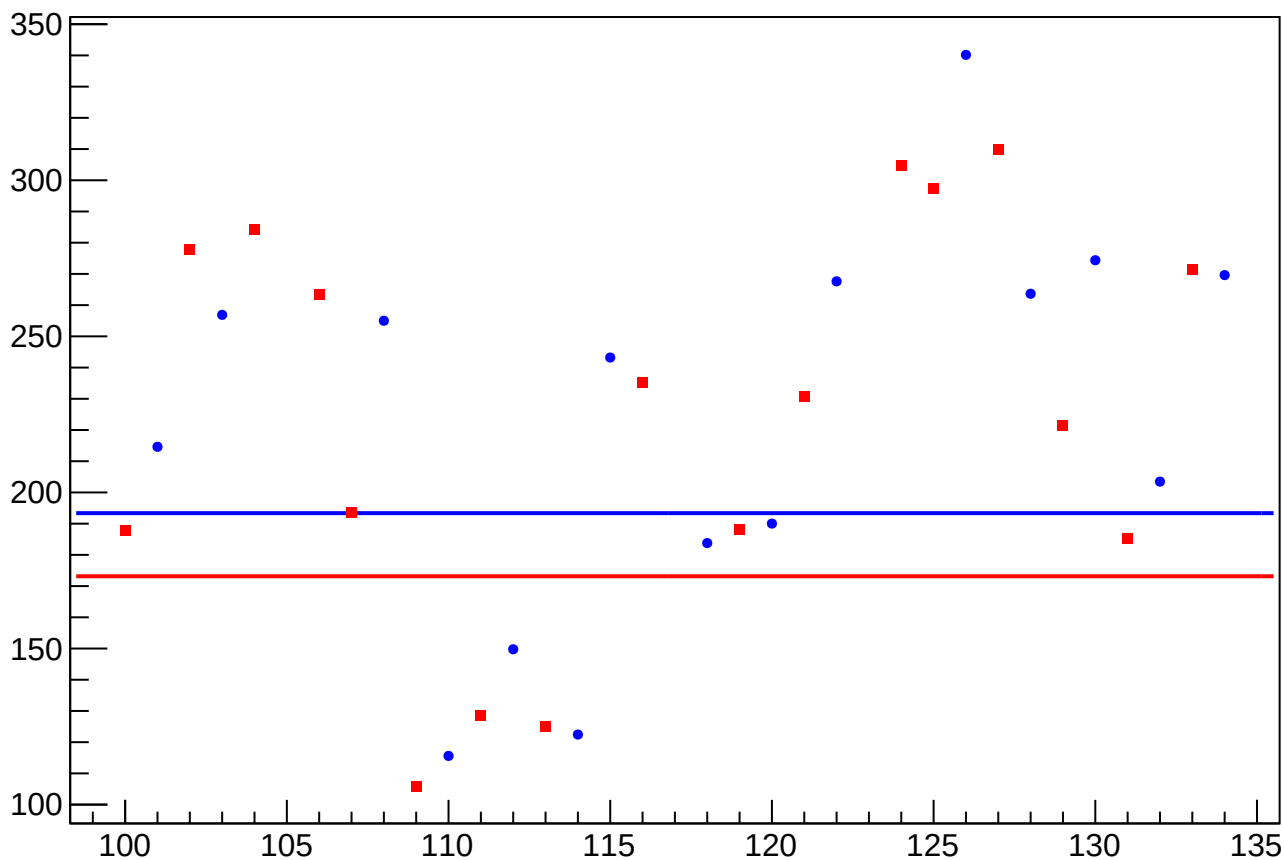
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.010+/-54.380 χ^2/NDF : 25.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_ds_rms vs Slug



Right In: 193.364 $\pm$ 0.058 χ^2 /NDF: 1049560.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 173.141 $\pm$ 0.051 χ^2 /NDF: 1635698.2/16

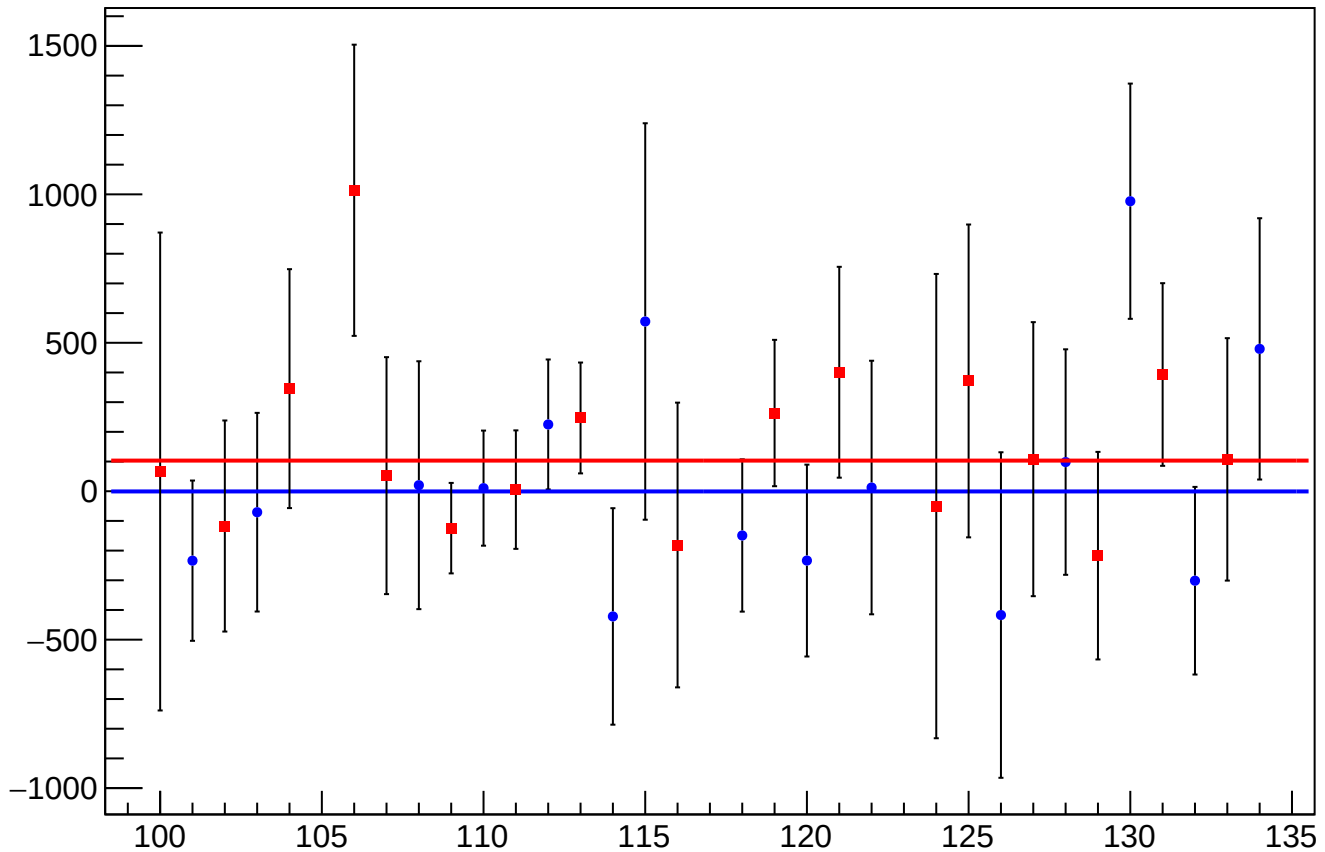
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 182.080 $\pm$ 0.038 χ^2 /NDF: 2753473.2/31

- sign 0.000 $\pm$ 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: 103.165 ± 73.257 χ^2/NDF : 10.8/16

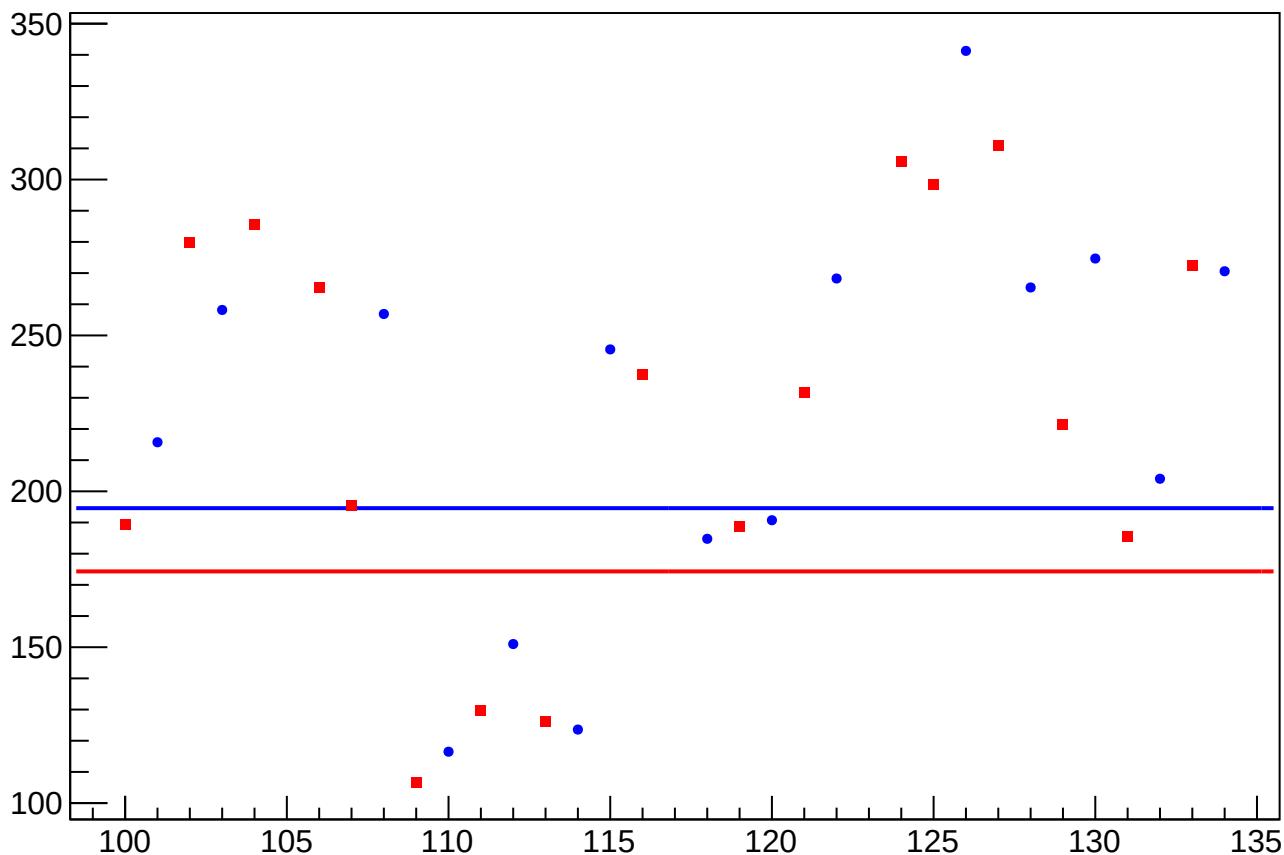
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 57.234 ± 54.713 χ^2/NDF : 25.3/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_an_ds3_rms vs Slug



Right In: 194.600 ± 0.058 $\chi^2/\text{NDF}: 1038990.3/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 174.317 ± 0.052 $\chi^2/\text{NDF}: 1623099.3/16$

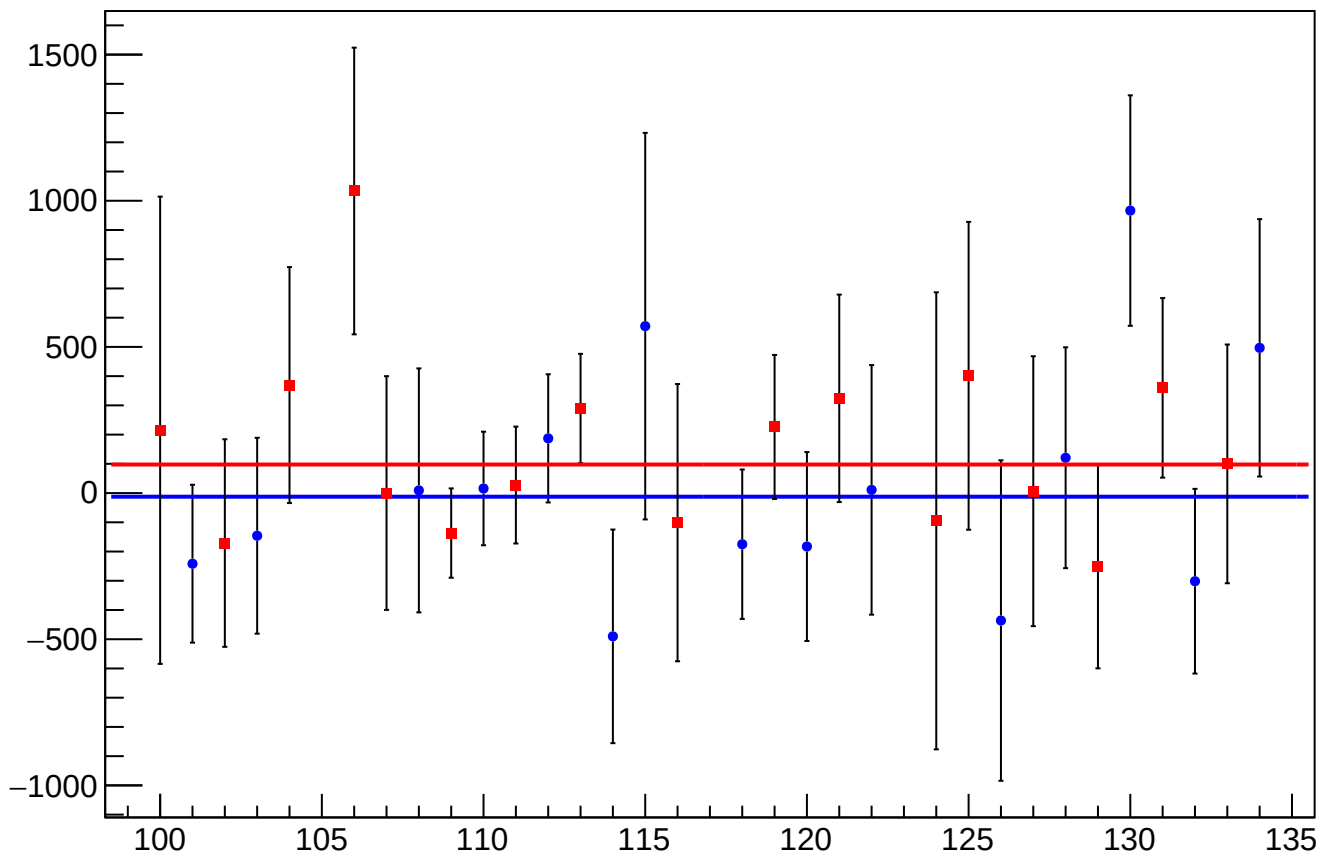
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 183.286 ± 0.039 $\chi^2/\text{NDF}: 2729885.1/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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: 97.723+/-73.300 χ^2/NDF : 11.3/16

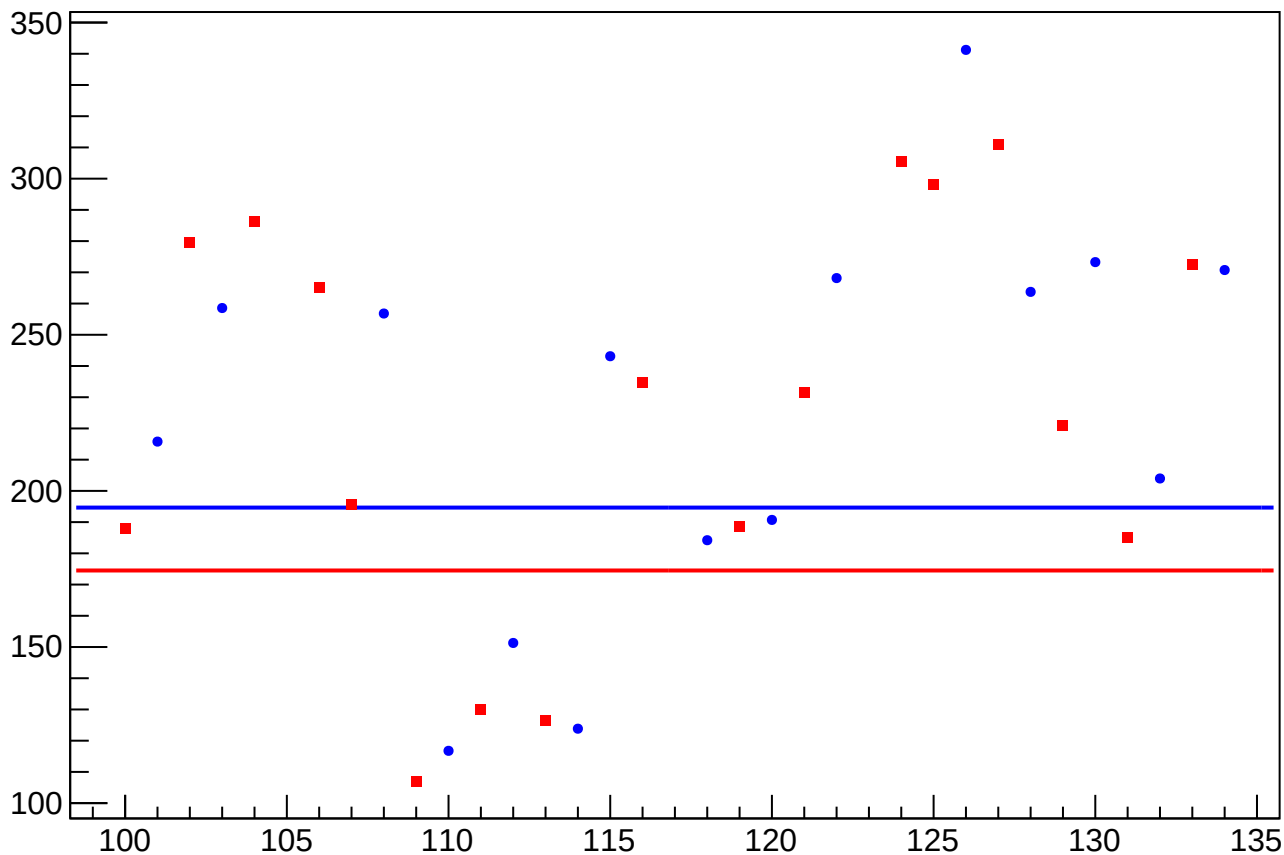
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.993+/-54.728 χ^2/NDF : 26.3/31

- 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: 174.509+/-0.052 χ^2/NDF : 1612307.9/16

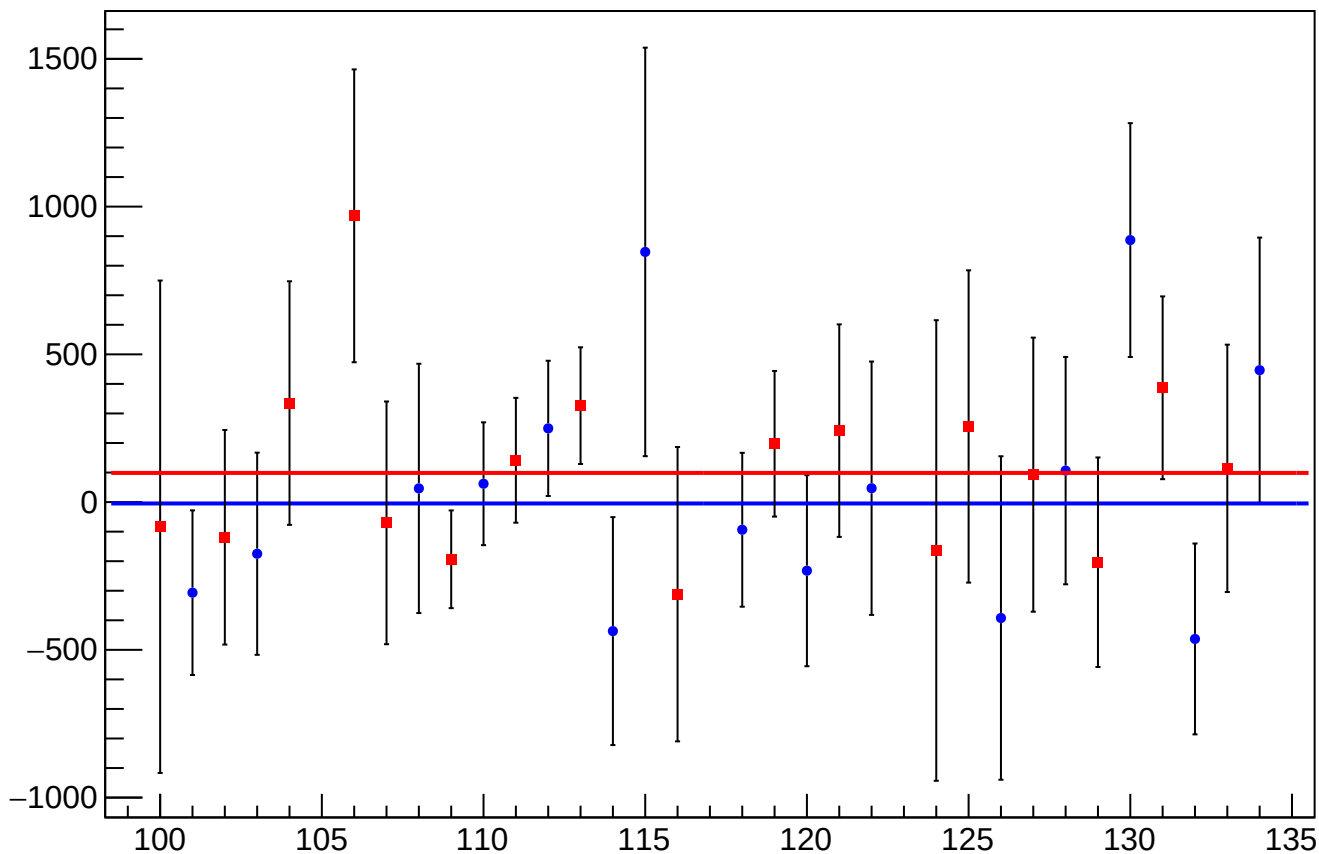
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.425+/-0.039 χ^2/NDF : 2707910.9/31

- 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: 98.758 ± 76.295 χ^2/NDF : 11.3/16

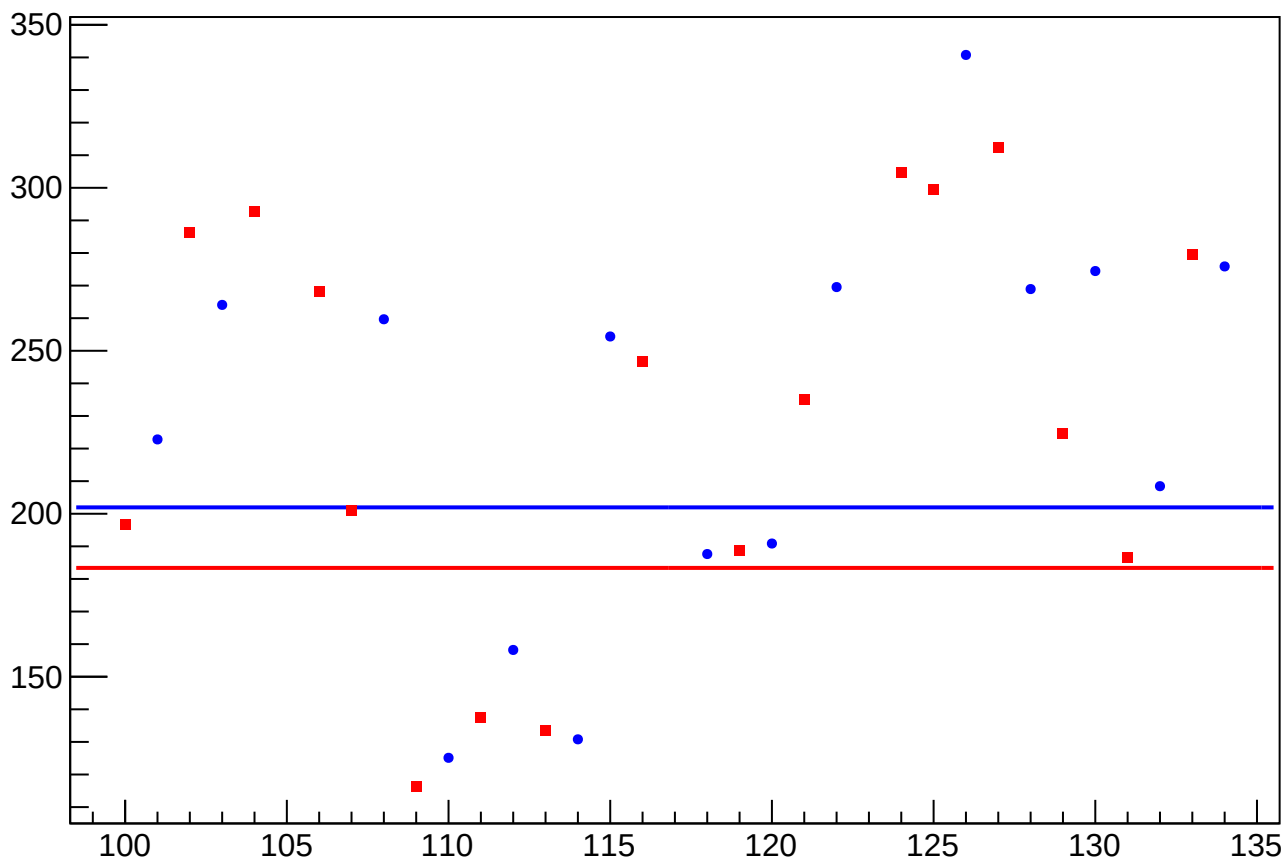
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 52.549 ± 56.732 χ^2/NDF : 27.0/31

- 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

Right Out: 183.386+/-0.054 χ^2/NDF : 1420590.2/16

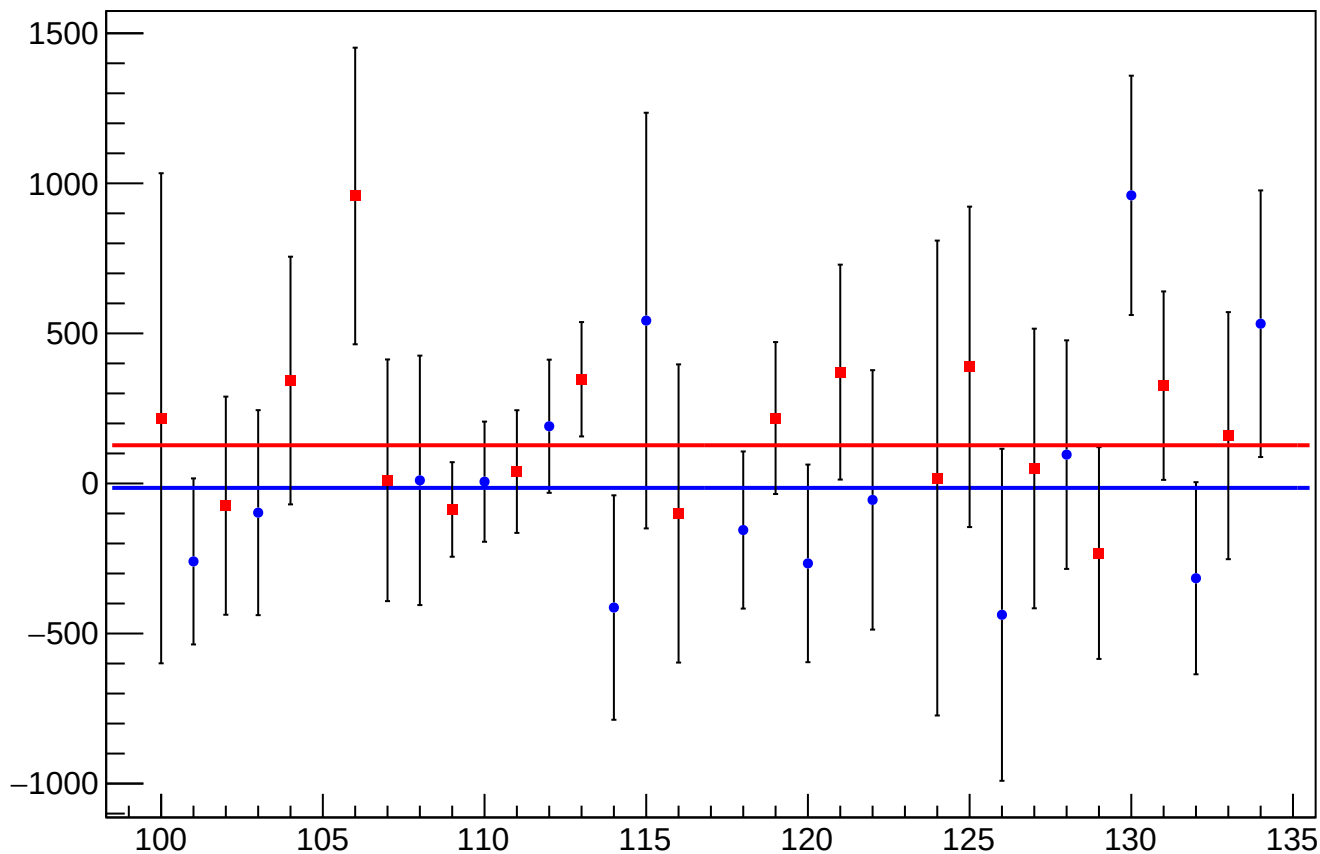
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.688+/-0.040 χ^2/NDF : 2383783.0/31

- sign 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: 127.289 ± 74.902 χ^2/NDF : 9.4/16

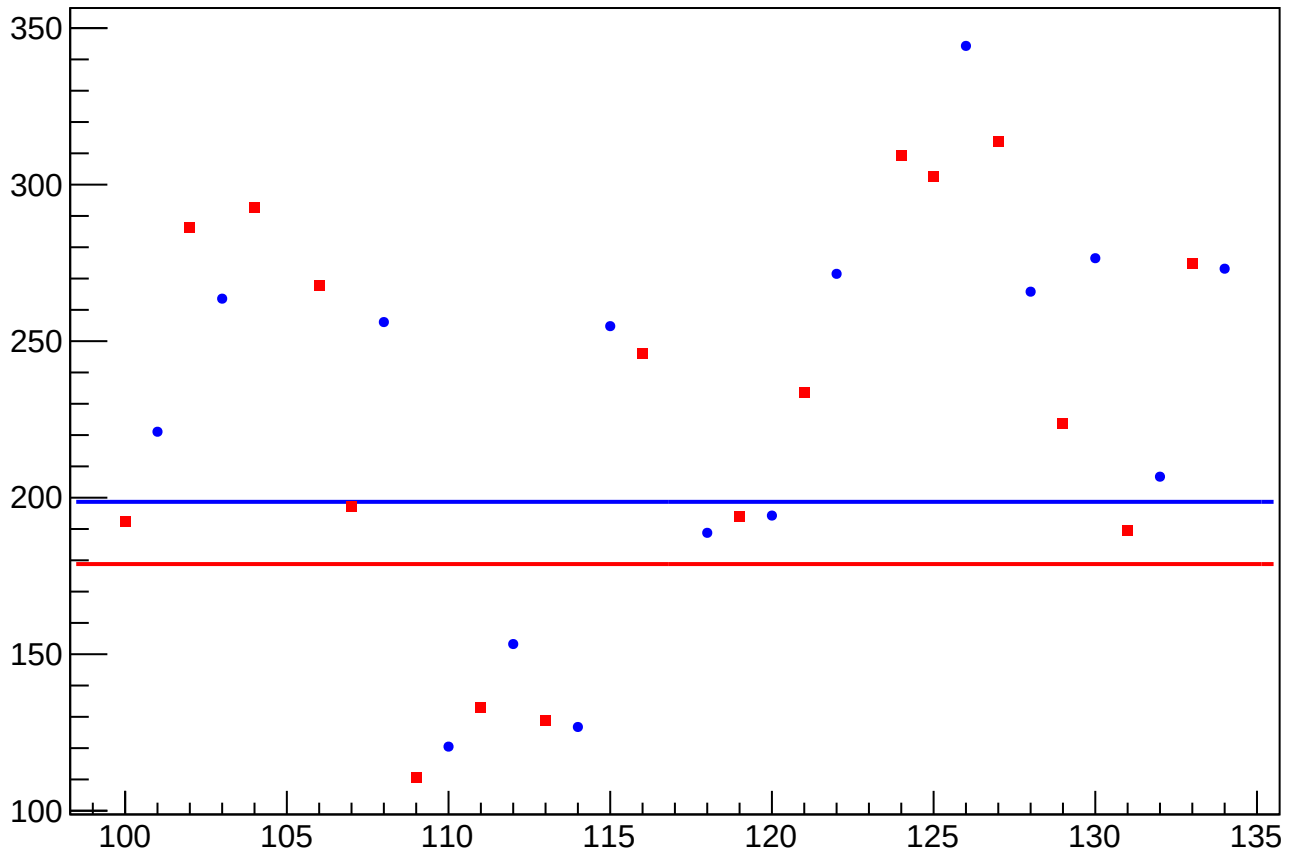
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 64.207 ± 55.846 χ^2/NDF : 24.4/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_rms vs Slug



Right In: 198.675+/-0.059 χ^2/NDF : 994065.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.798+/-0.053 χ^2/NDF : 1573154.4/16

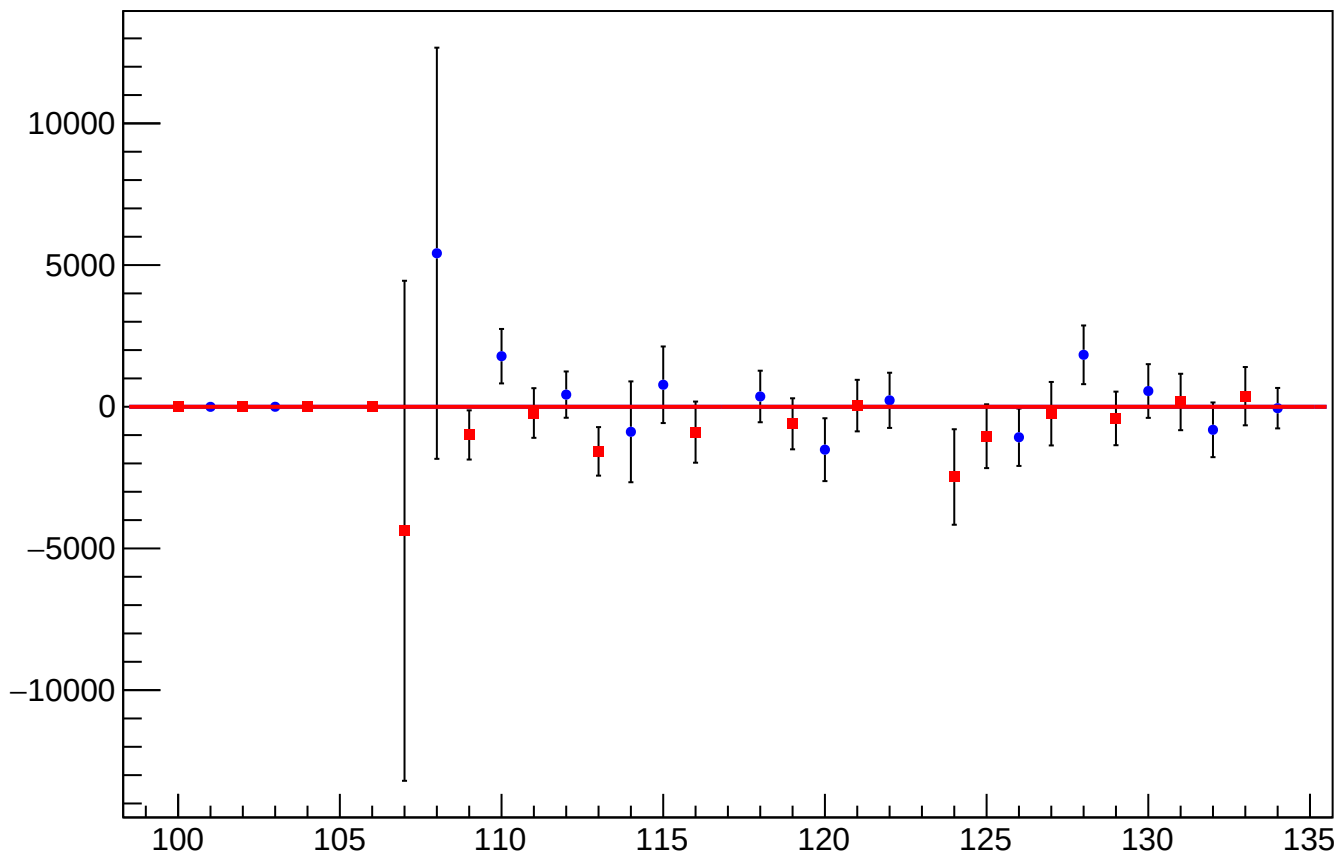
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.626+/-0.039 χ^2/NDF : 2629774.9/31

- sign 0.000+/-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: -1.391+/-2.022 χ^2/NDF : 14.7/16

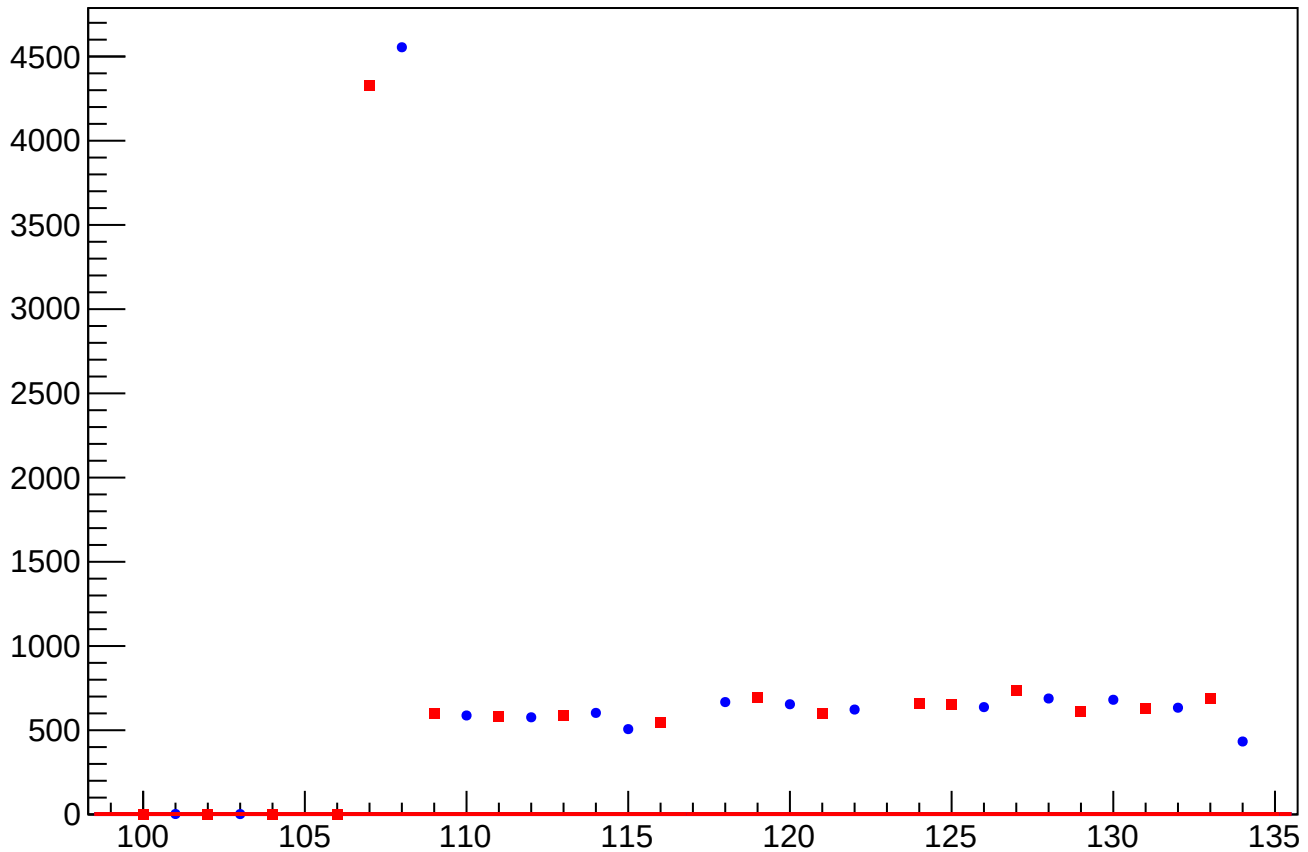
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.305+/-1.480 χ^2/NDF : 27.4/31

- 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: 2.454+/-0.001 χ^2/NDF : 10151867.3/16

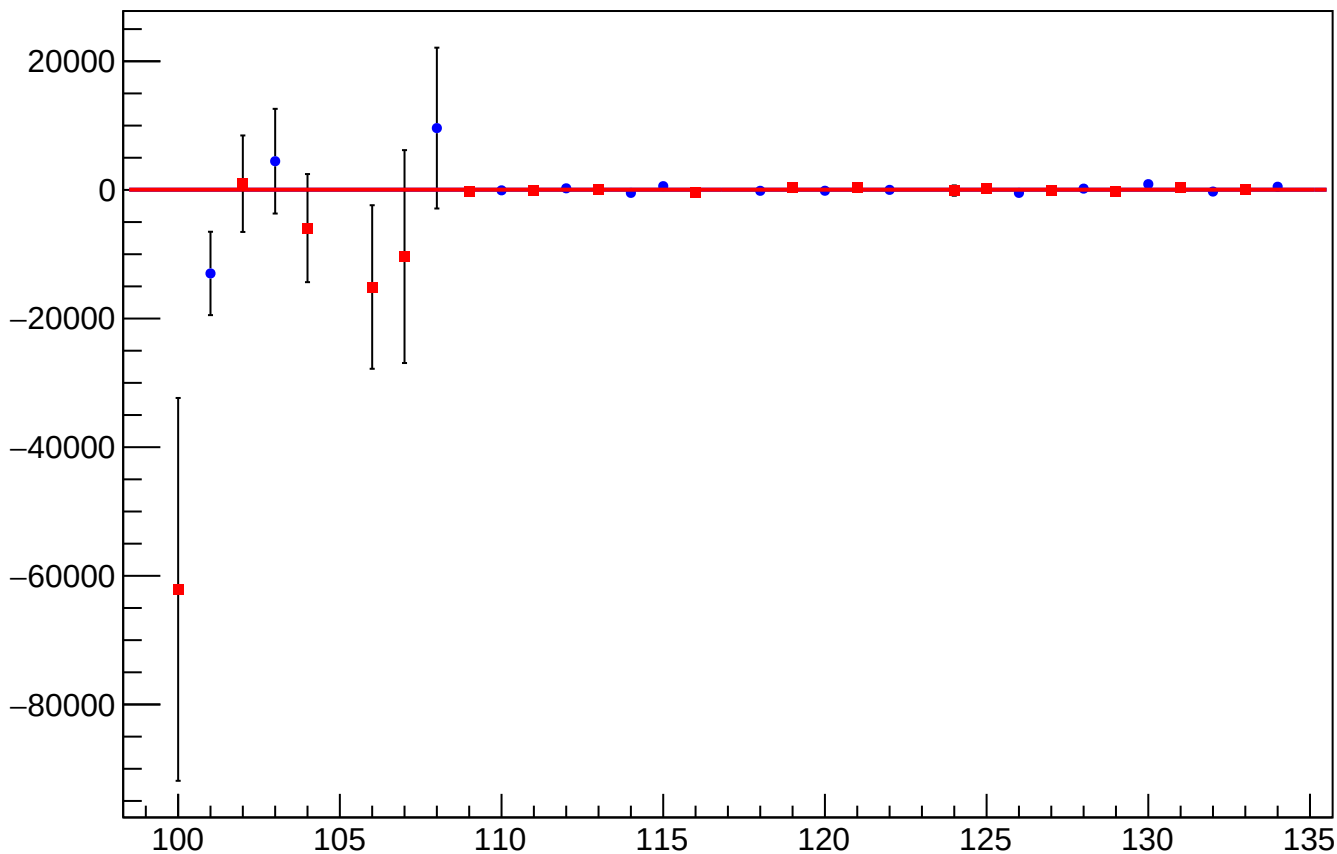
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.459+/-0.001 χ^2/NDF : 20035936.8/31

- 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: 35.079+/-89.125 χ^2/NDF : 12.1/16

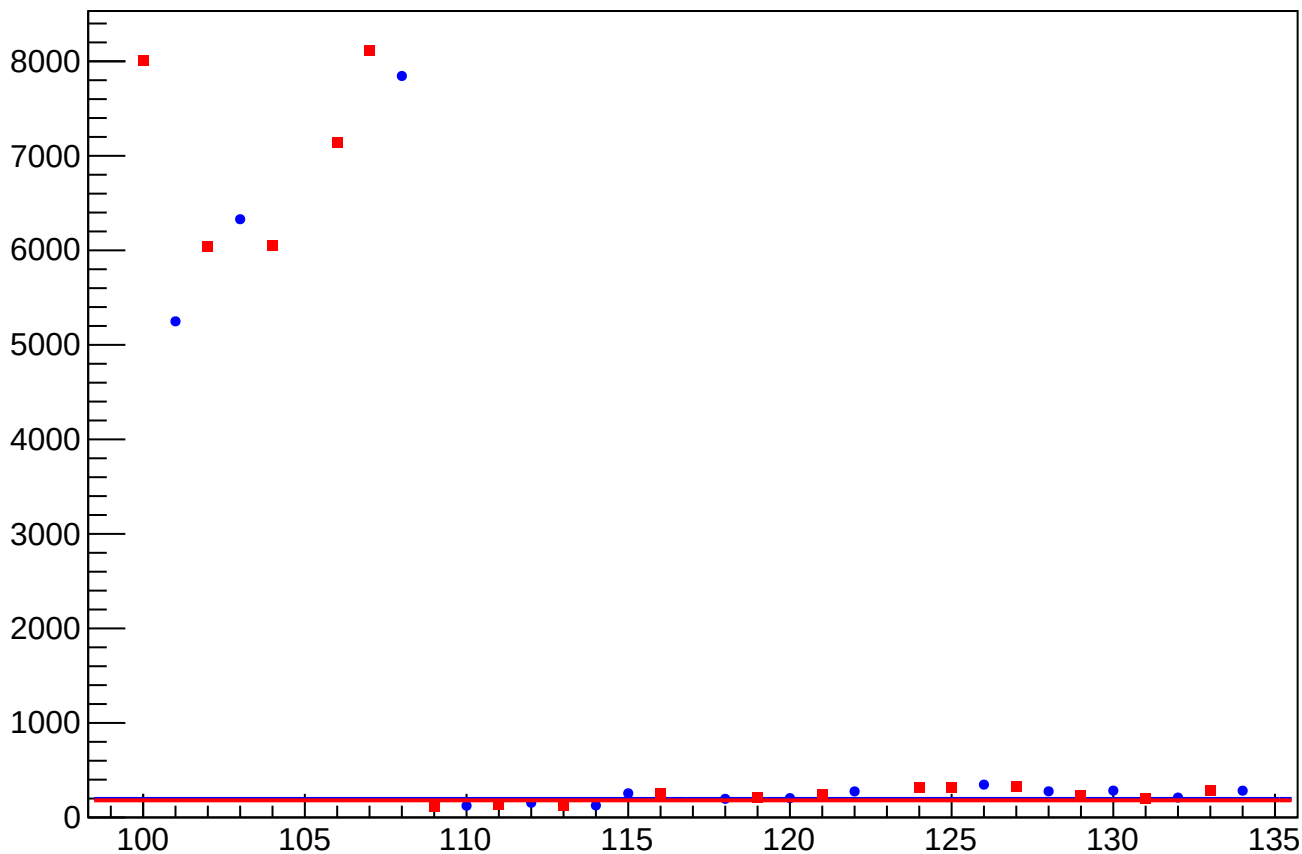
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.229+/-65.214 χ^2/NDF : 28.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_cav4cQ_rms vs Slug



Right In: 195.818 $\pm$ 0.068 χ^2 /NDF: 3952686.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 181.236 $\pm$ 0.063 χ^2 /NDF: 4401894.8/16

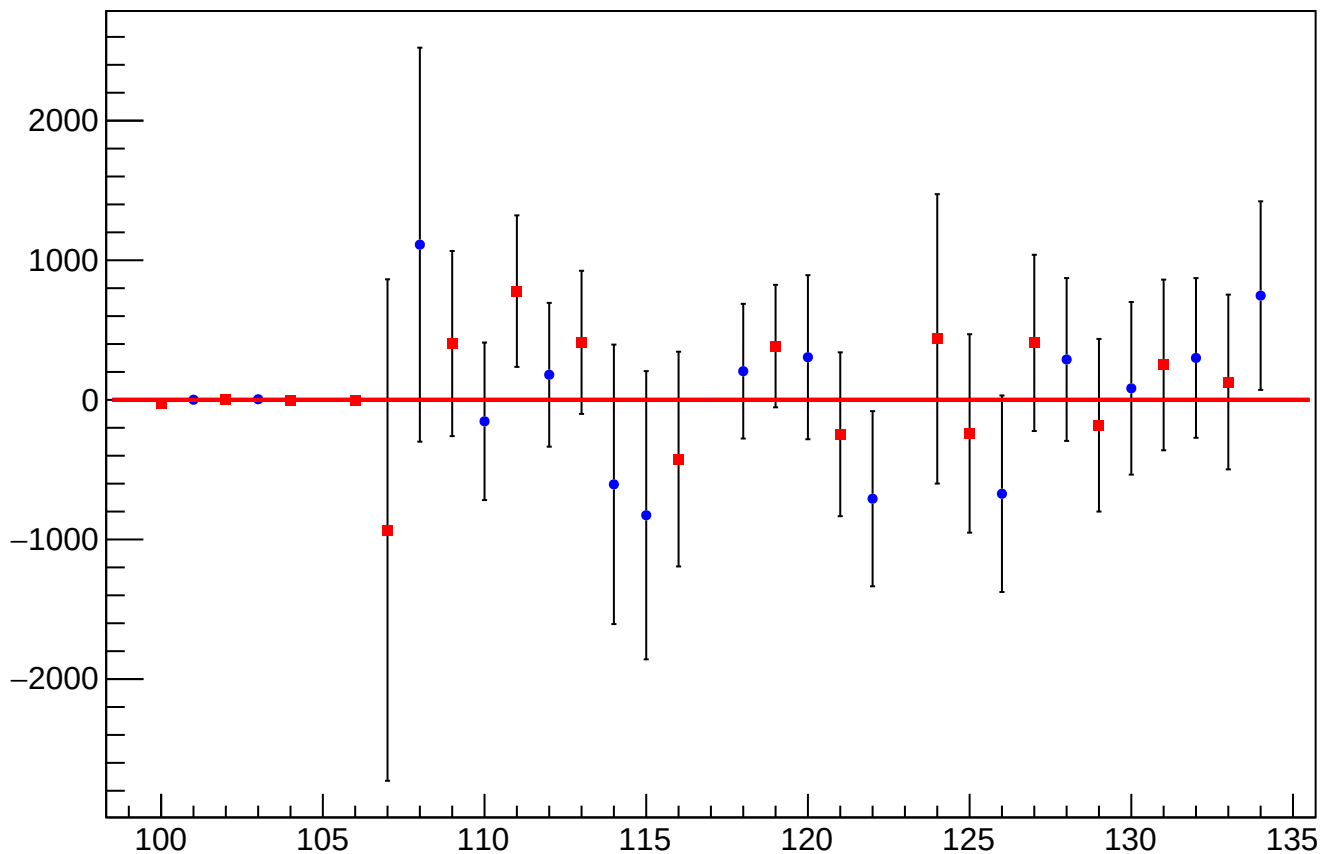
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 188.011 $\pm$ 0.046 χ^2 /NDF: 8379455.7/31

- sign 0.000 $\pm$ 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: -1.097 $\pm$ 1.528 χ^2 /NDF: 8.1/16

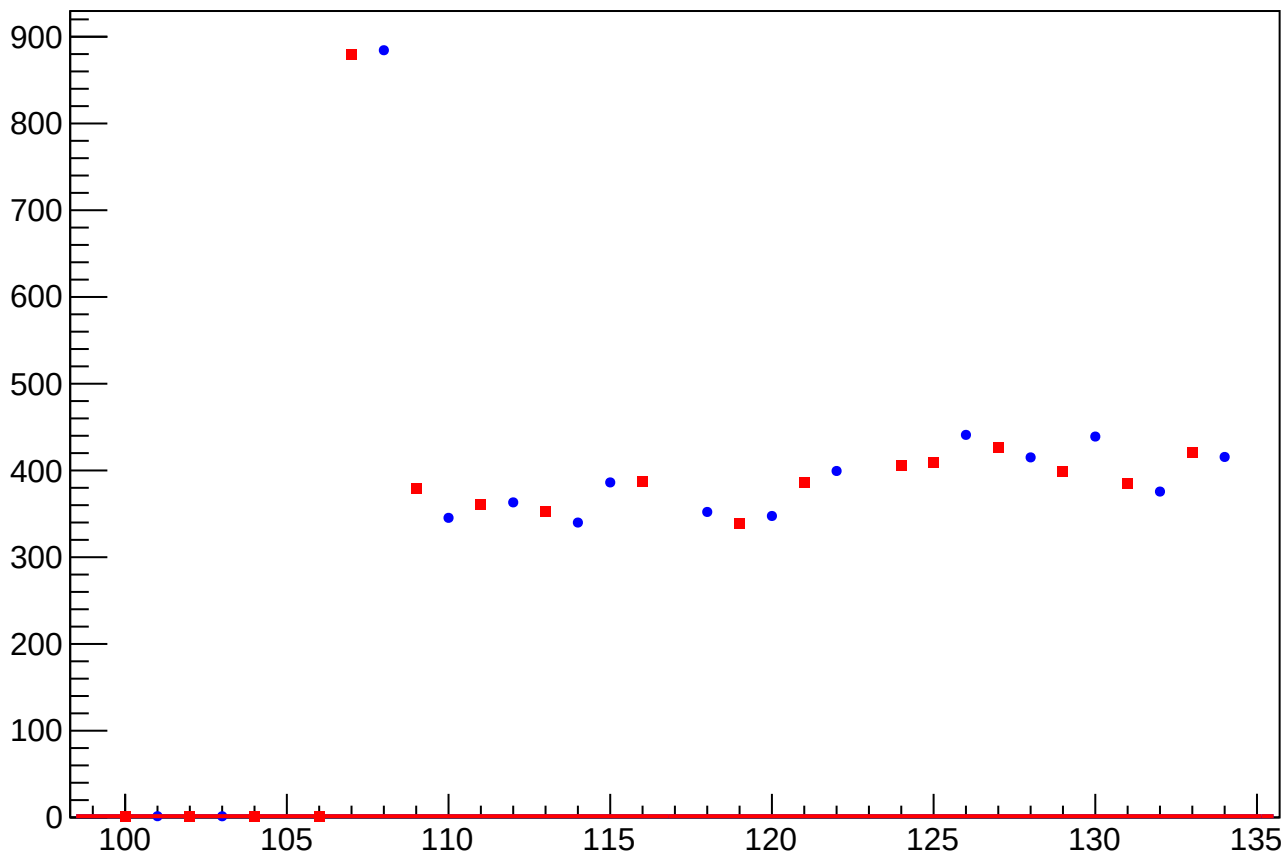
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.070 $\pm$ 1.124 χ^2 /NDF: 16.0/31

- 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: 1.463+/-0.001 χ^2/NDF : 9863297.6/16

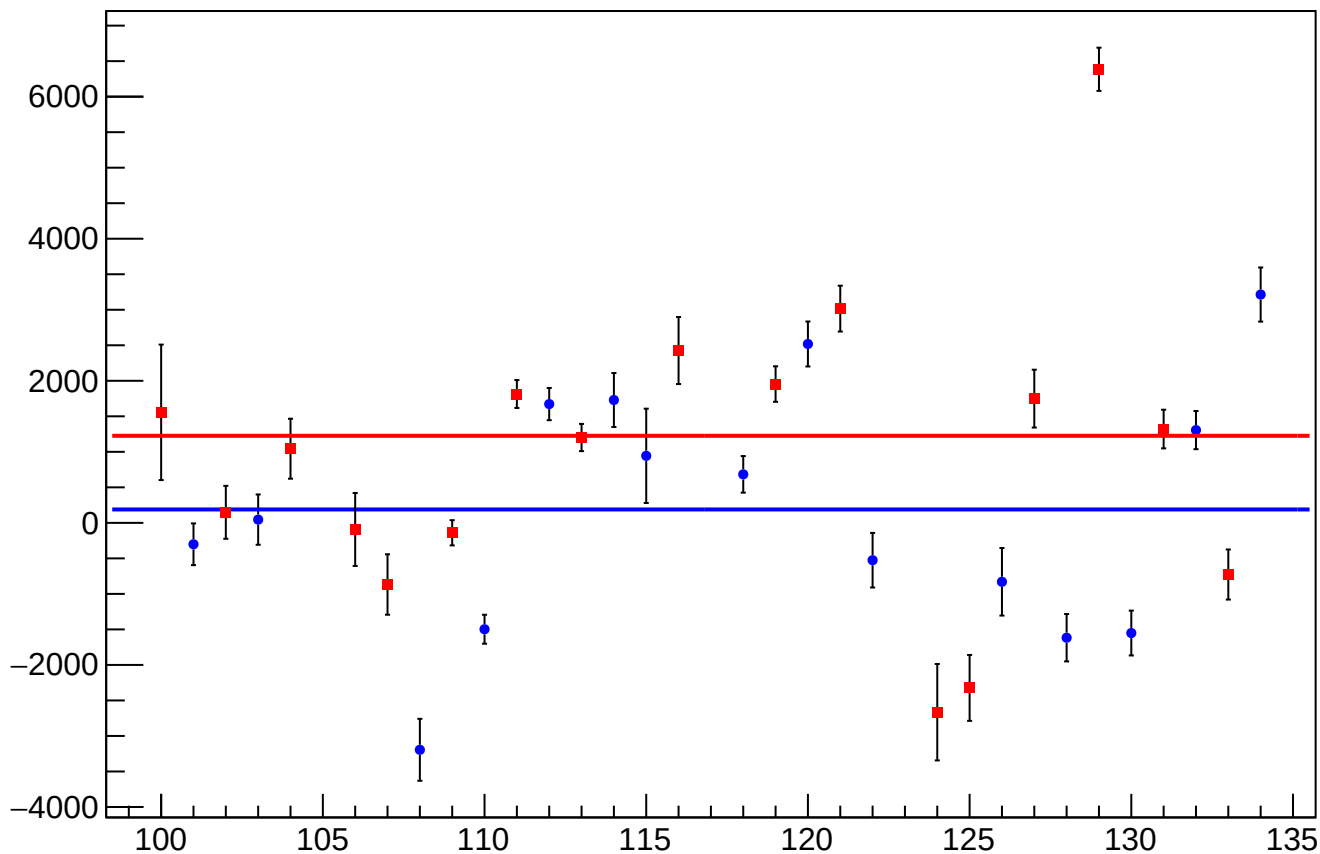
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.463+/-0.001 χ^2/NDF : 19836881.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm0l02_mean vs Slug



Right In: 188.703 $\pm$ 80.690 χ^2 /NDF: 398.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1225.799 $\pm$ 73.850 χ^2 /NDF: 564.9/16

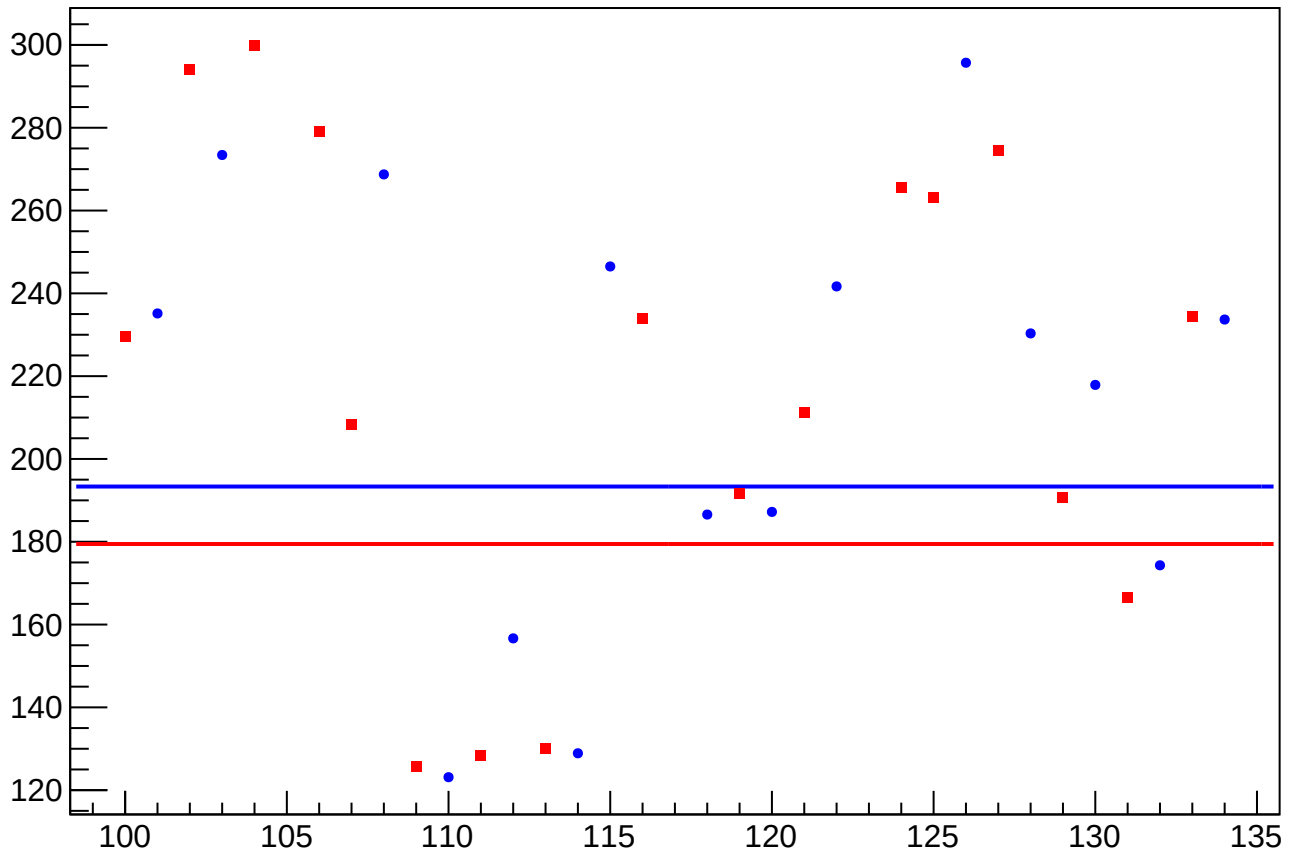
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 753.063 $\pm$ 54.478 χ^2 /NDF: 1052.9/31

- sign 0.000 $\pm$ 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: 179.457+/-0.052 χ^2/NDF : 1207213.3/16

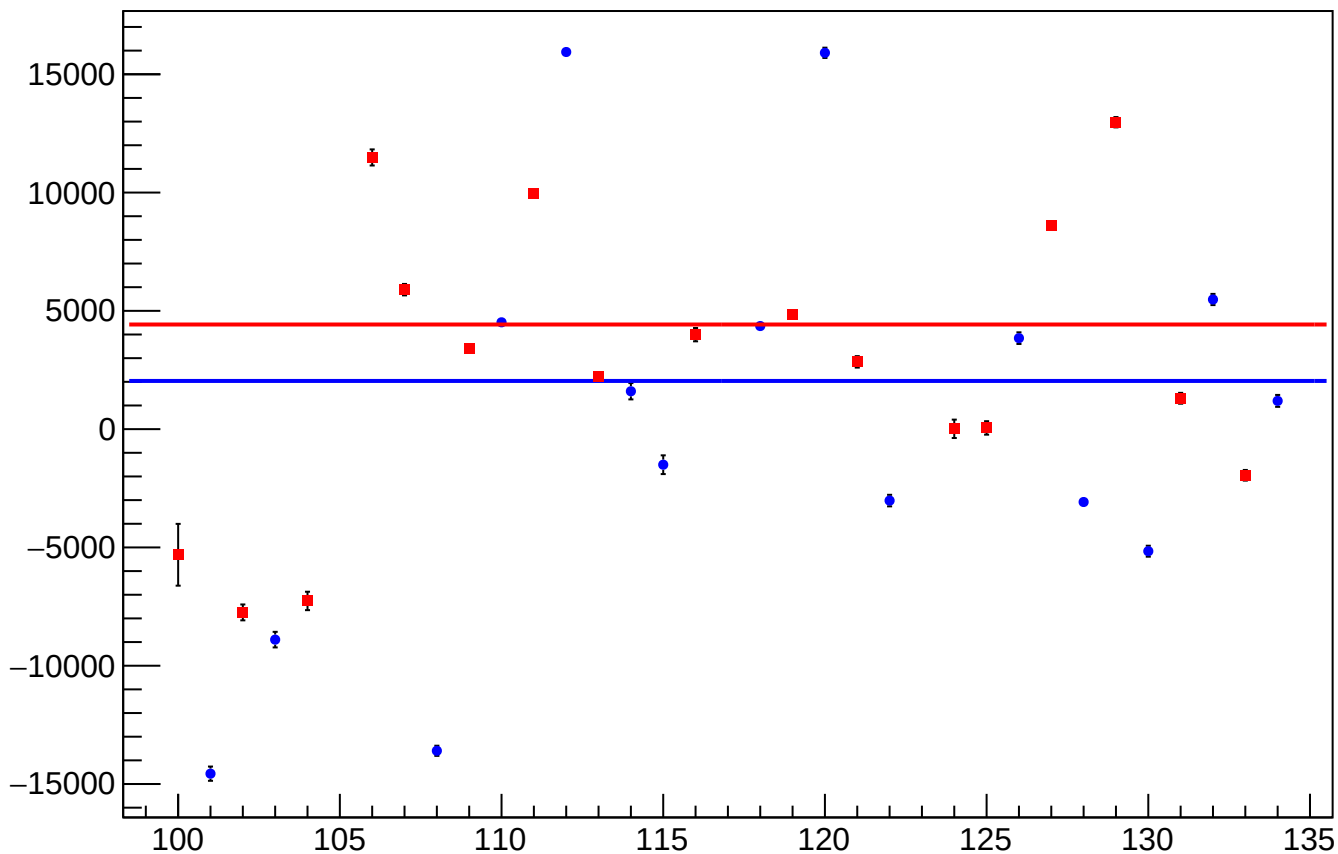
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.785+/-0.039 χ^2/NDF : 1997722.5/31

- 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: 4423.001+/-55.480 χ^2/NDF : 7575.5/16

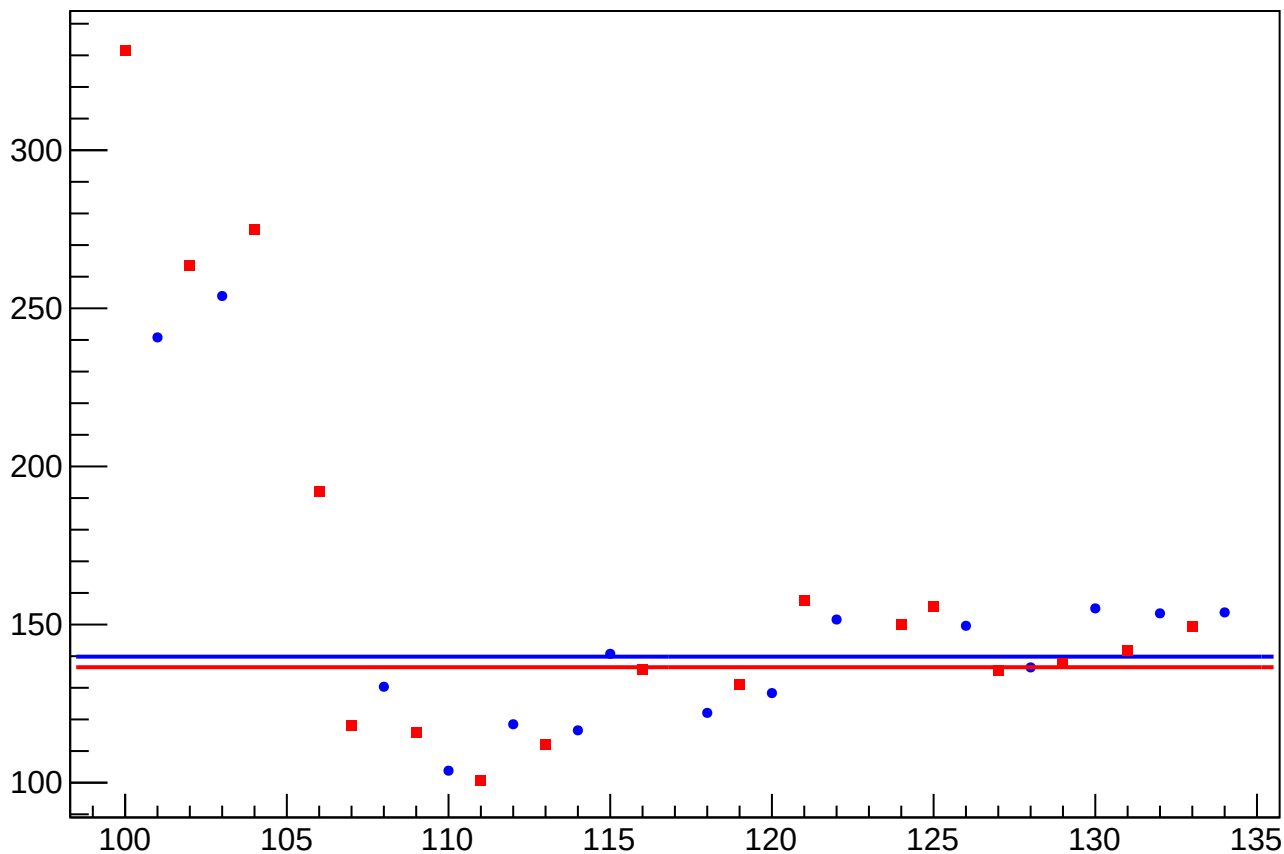
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3295.180+/-40.286 χ^2/NDF : 31198.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02WS_rms vs Slug



Right In: 139.854 $\pm$ 0.041 χ^2 /NDF: 652528.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 136.513 $\pm$ 0.039 χ^2 /NDF: 866000.9/16

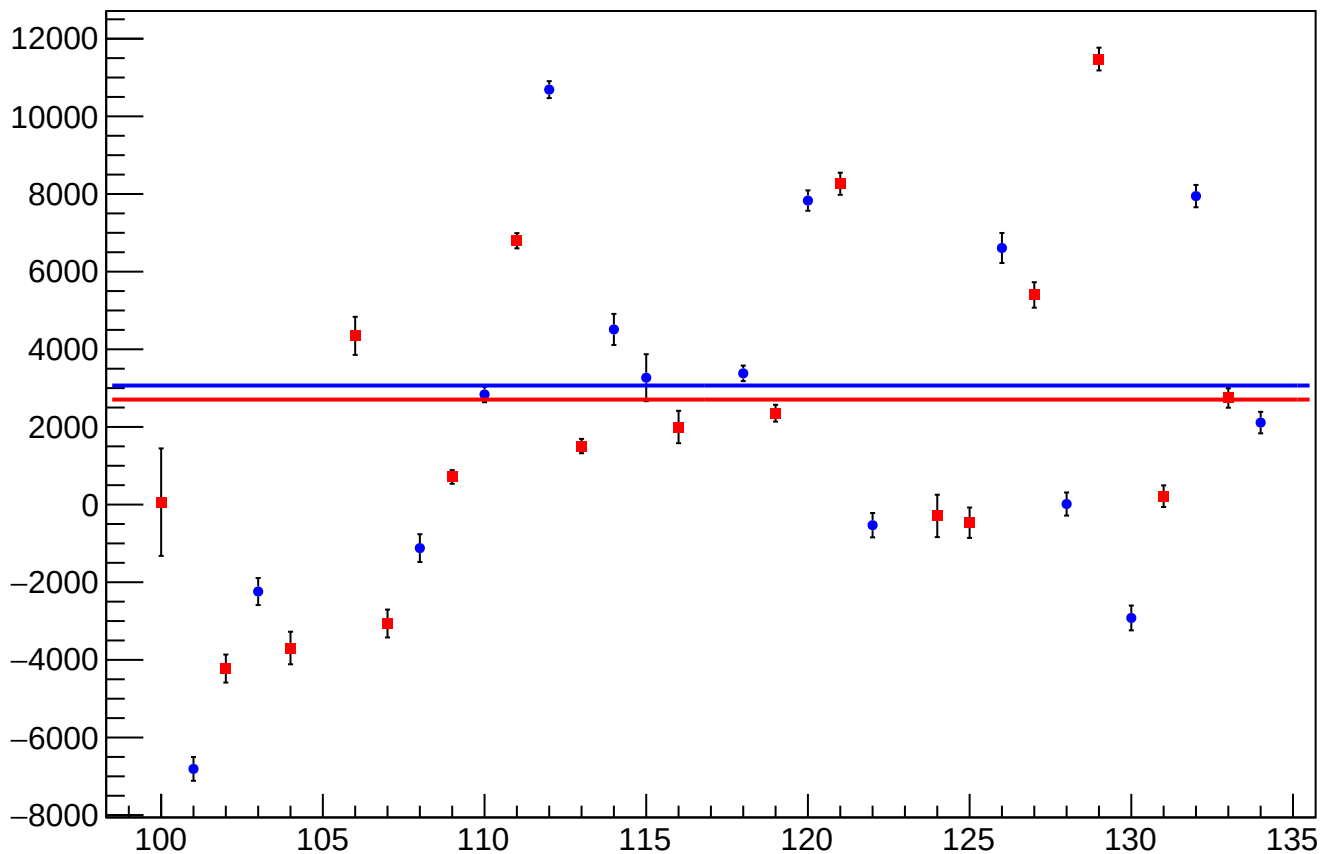
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 138.093 $\pm$ 0.028 χ^2 /NDF: 1521958.0/31

- sign 0.000 $\pm$ 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: 2704.904+/-68.598 χ^2/NDF : 3004.2/16

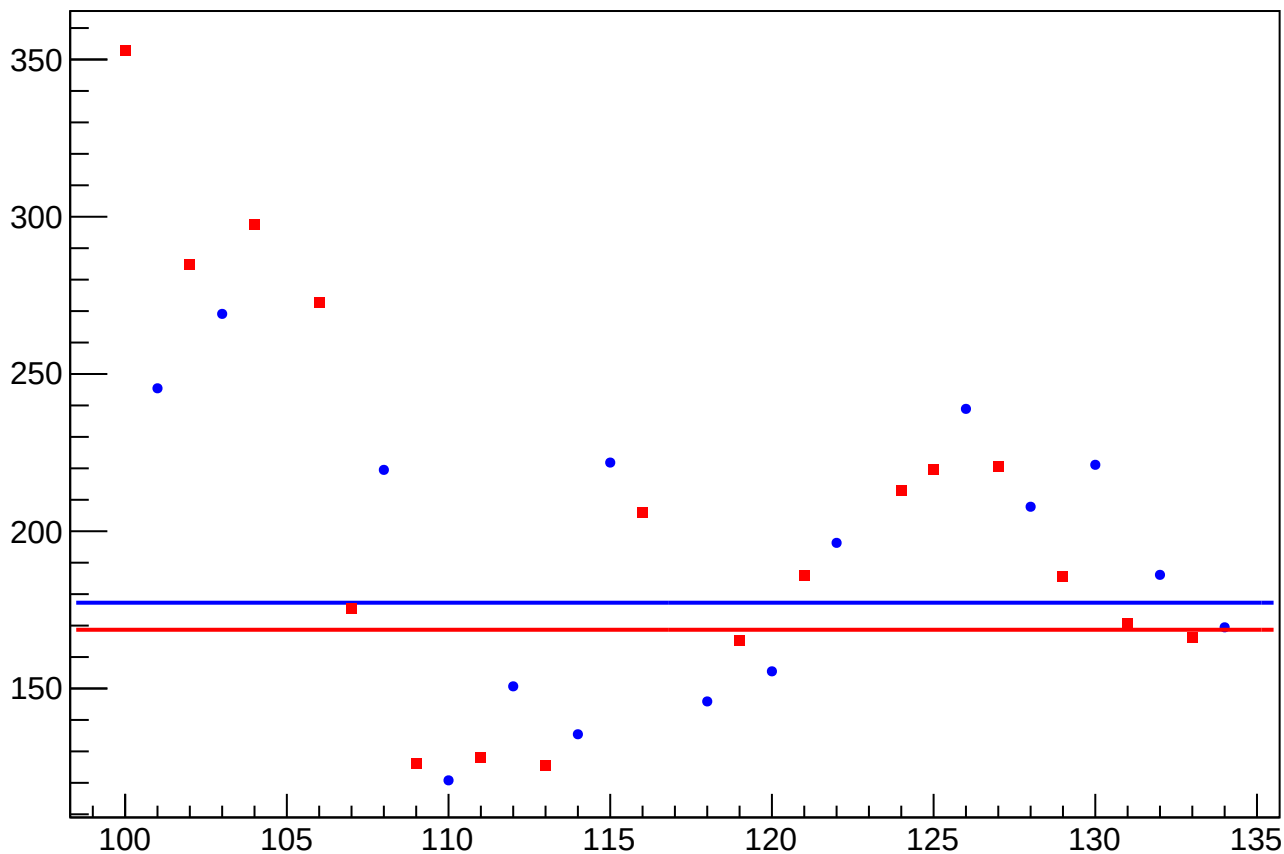
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2872.702+/-50.232 χ^2/NDF : 6959.9/31

- 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: 168.672 $\pm$ 0.049 χ^2 /NDF: 963388.2/16

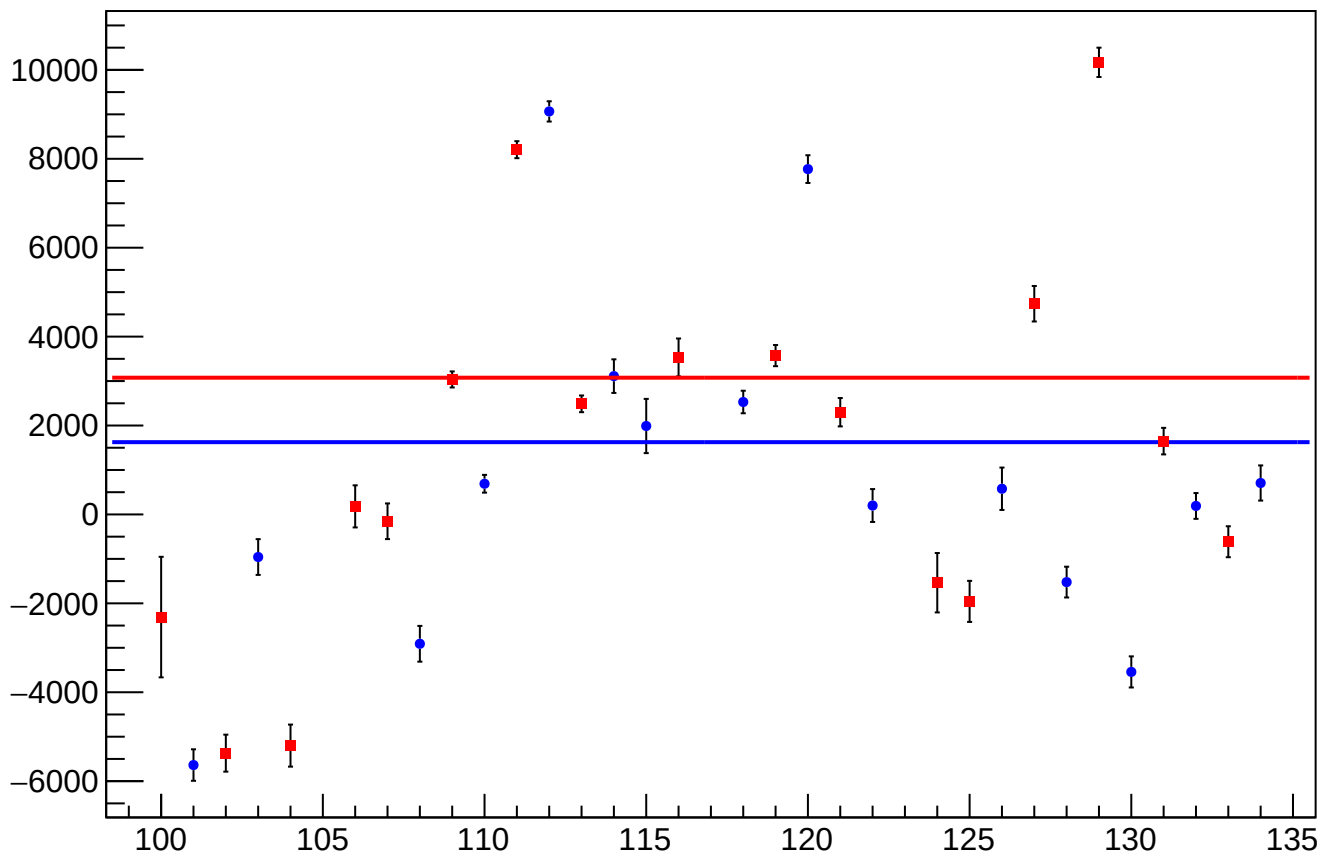
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 172.662 $\pm$ 0.036 χ^2 /NDF: 1647587.9/31

- 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: 3075.662 $\pm$ 73.953 χ^2 /NDF: 2360.5/16

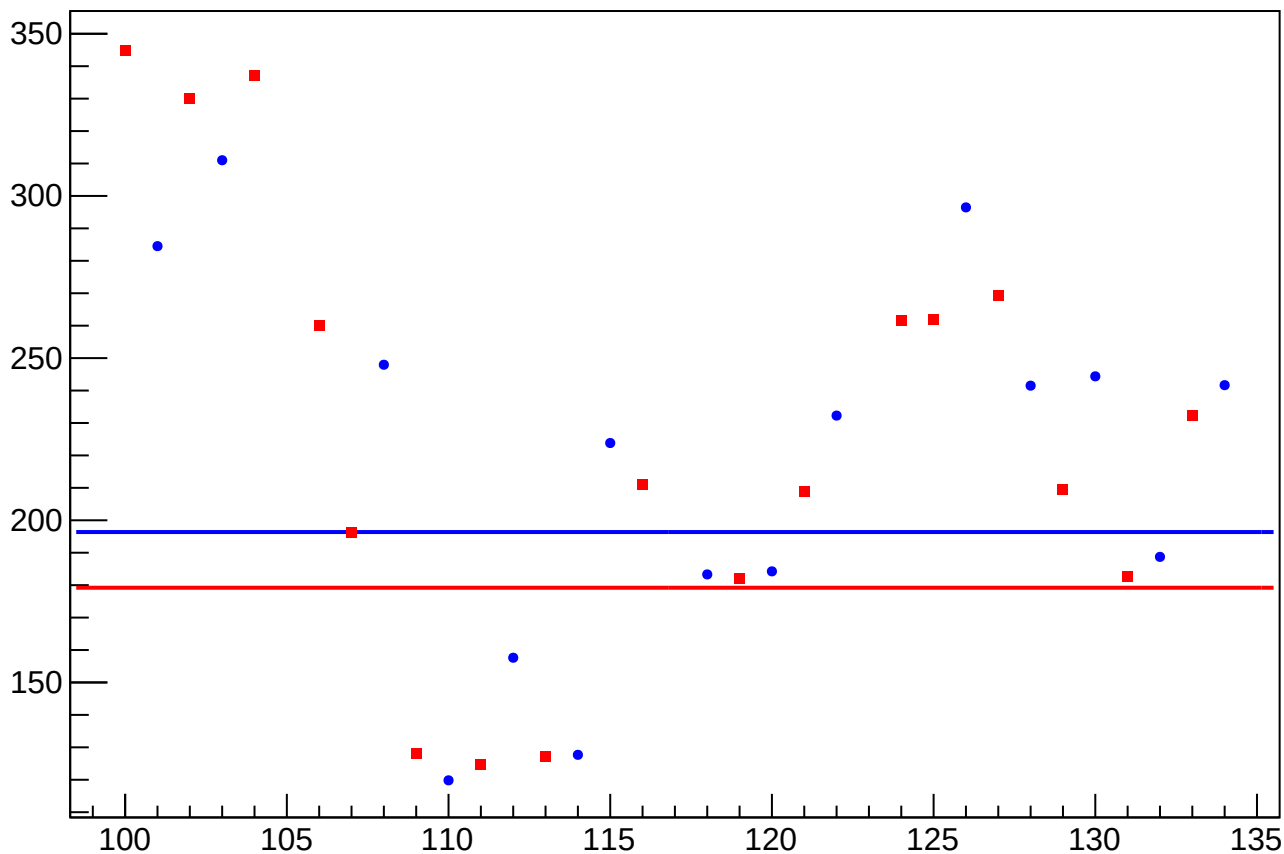
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2430.285 $\pm$ 55.088 χ^2 /NDF: 4974.5/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i05WS_rms vs Slug



Right In: 196.376 $\pm$ 0.058 χ^2 /NDF: 955487.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 179.207 $\pm$ 0.052 χ^2 /NDF: 1344311.1/16

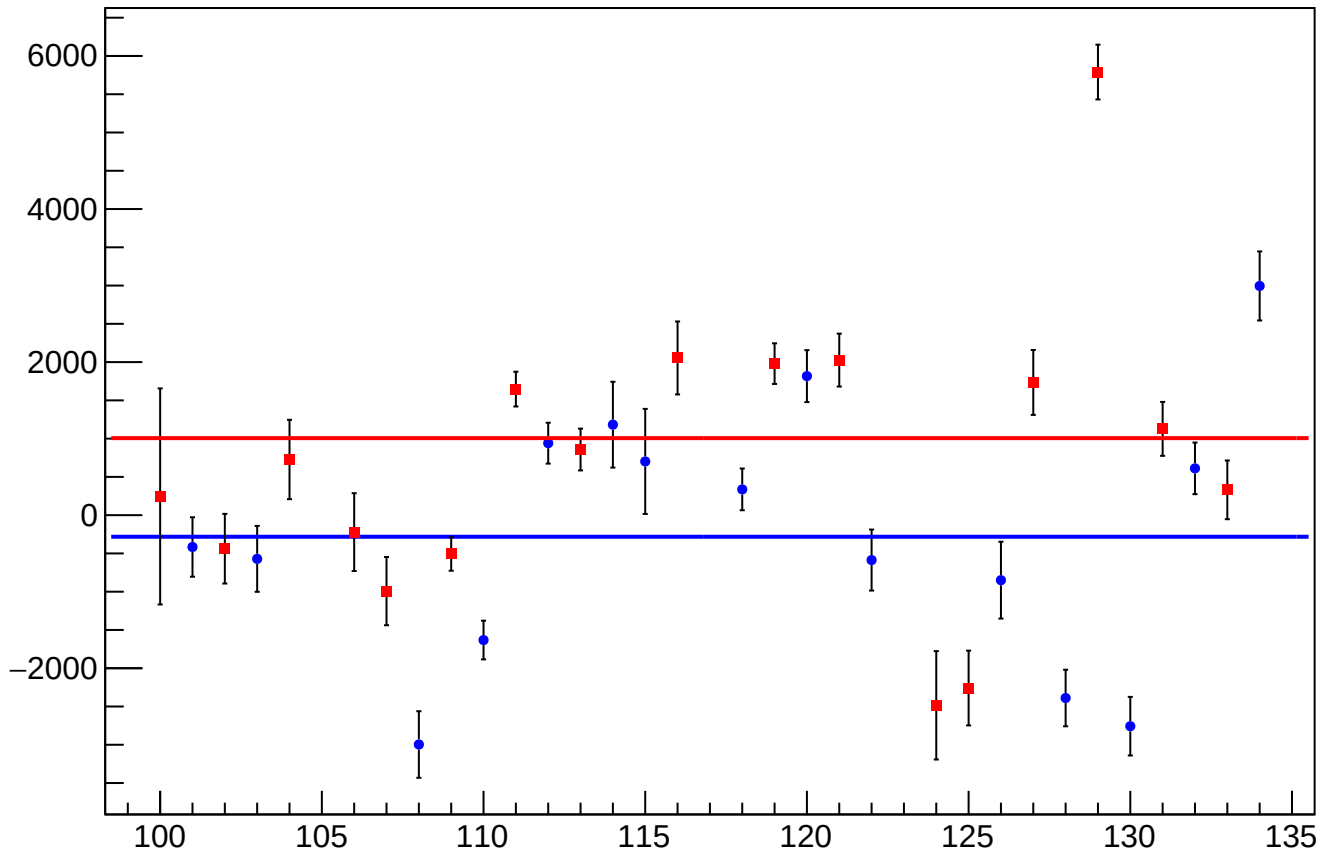
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 186.849 $\pm$ 0.039 χ^2 /NDF: 2347784.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i07WS_mean vs Slug



Right In: -282.009 ± 94.280 $\chi^2/\text{NDF}: 277.1/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1006.486 ± 86.765 $\chi^2/\text{NDF}: 373.2/16$

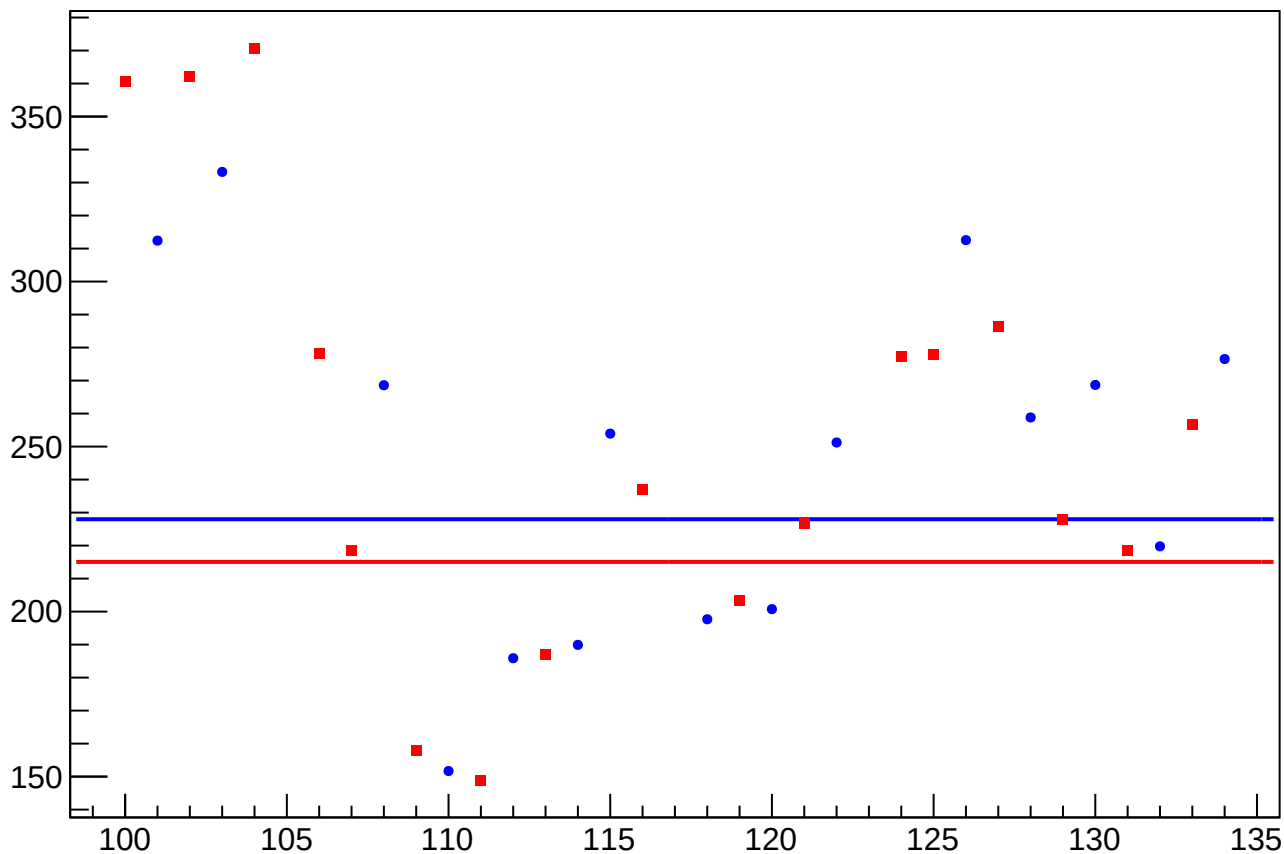
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 415.636 ± 63.844 $\chi^2/\text{NDF}: 751.4/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_bpm0i07WS_rms vs Slug



Right In: 227.989 $\pm$ 0.067 χ^2 /NDF: 637290.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 215.056 $\pm$ 0.061 χ^2 /NDF: 907898.2/16

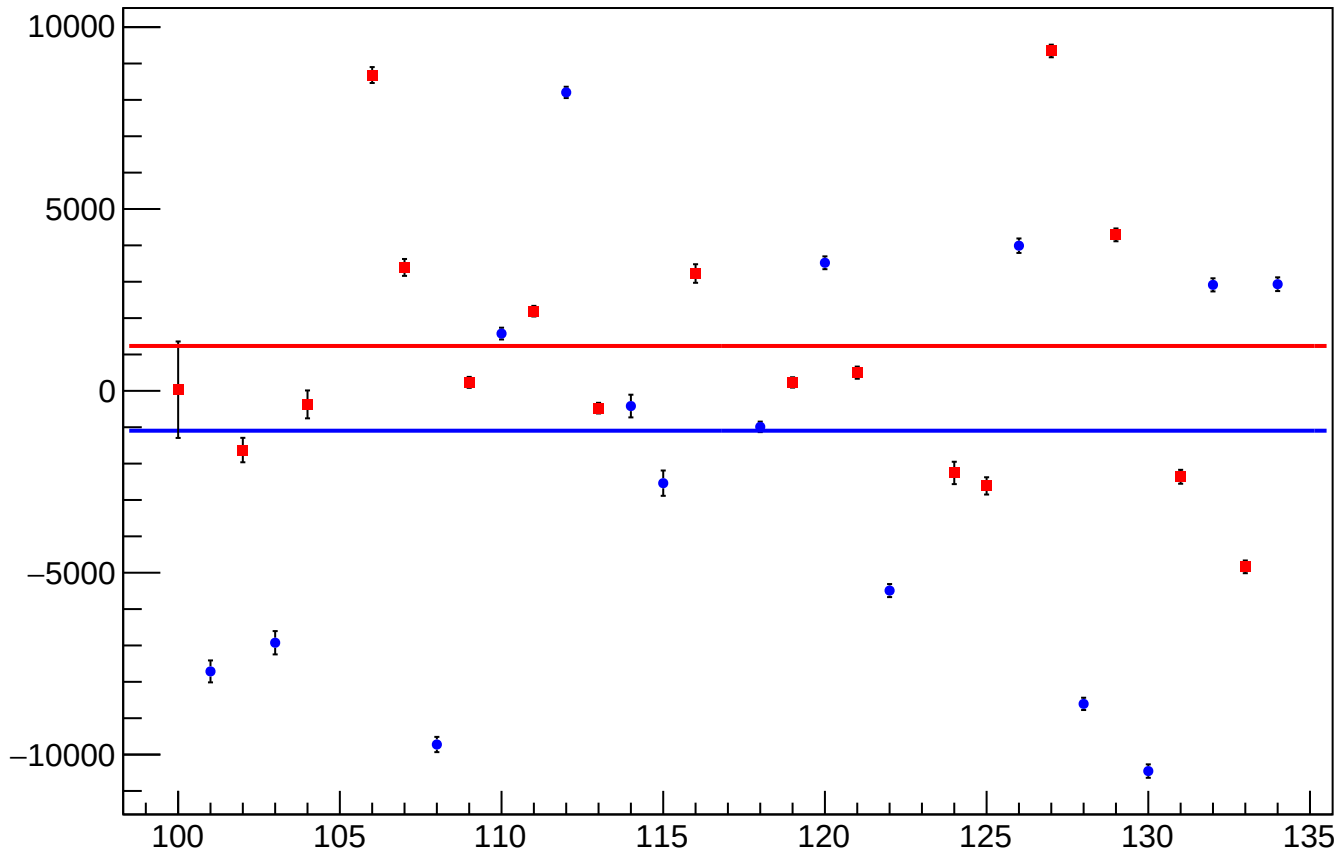
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 220.986 $\pm$ 0.045 χ^2 /NDF: 1565563.7/31

- sign 0.000 $\pm$ 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: 1234.268 ± 47.236 χ^2/NDF : 6128.8/16

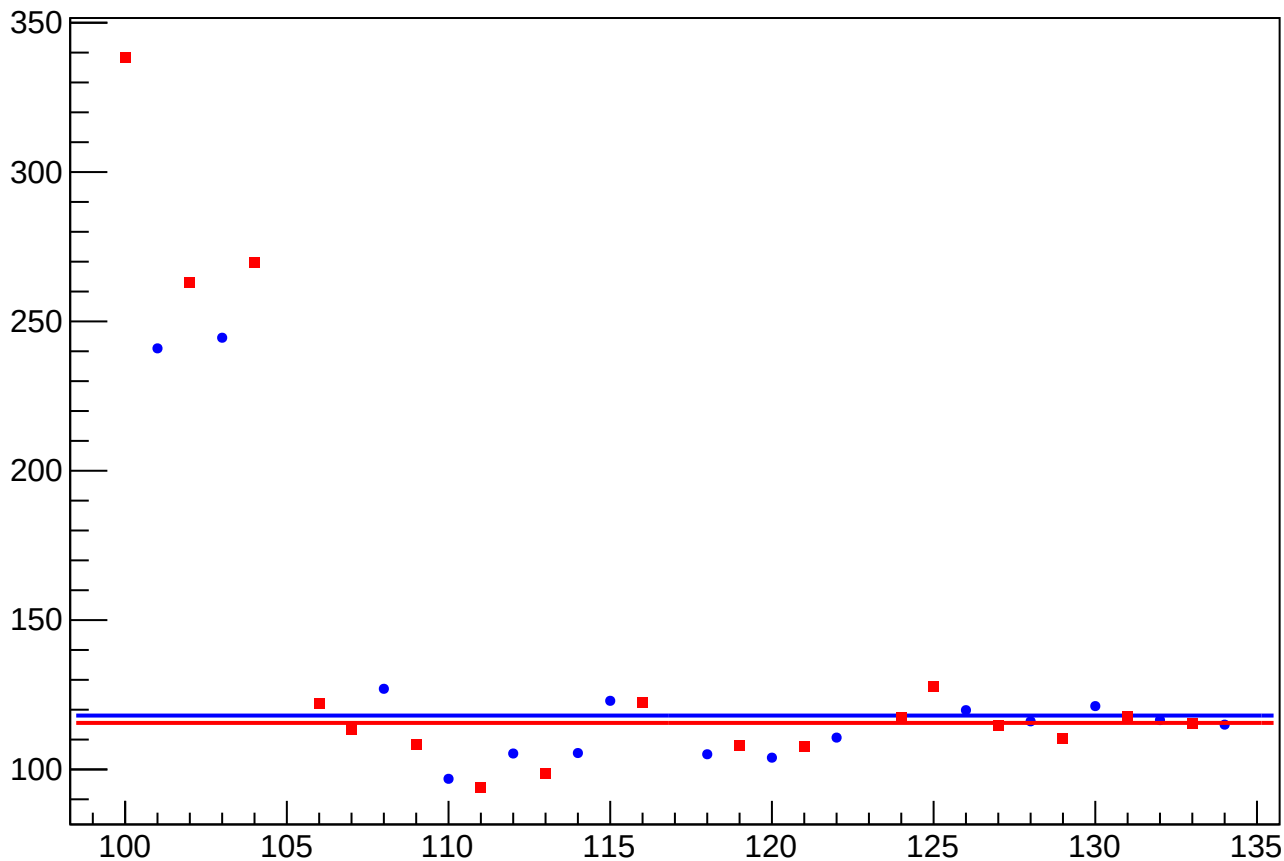
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 134.182 ± 34.318 χ^2/NDF : 21077.1/31

- 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: 115.577 $\pm$ 0.033 χ^2 /NDF: 862458.2/16

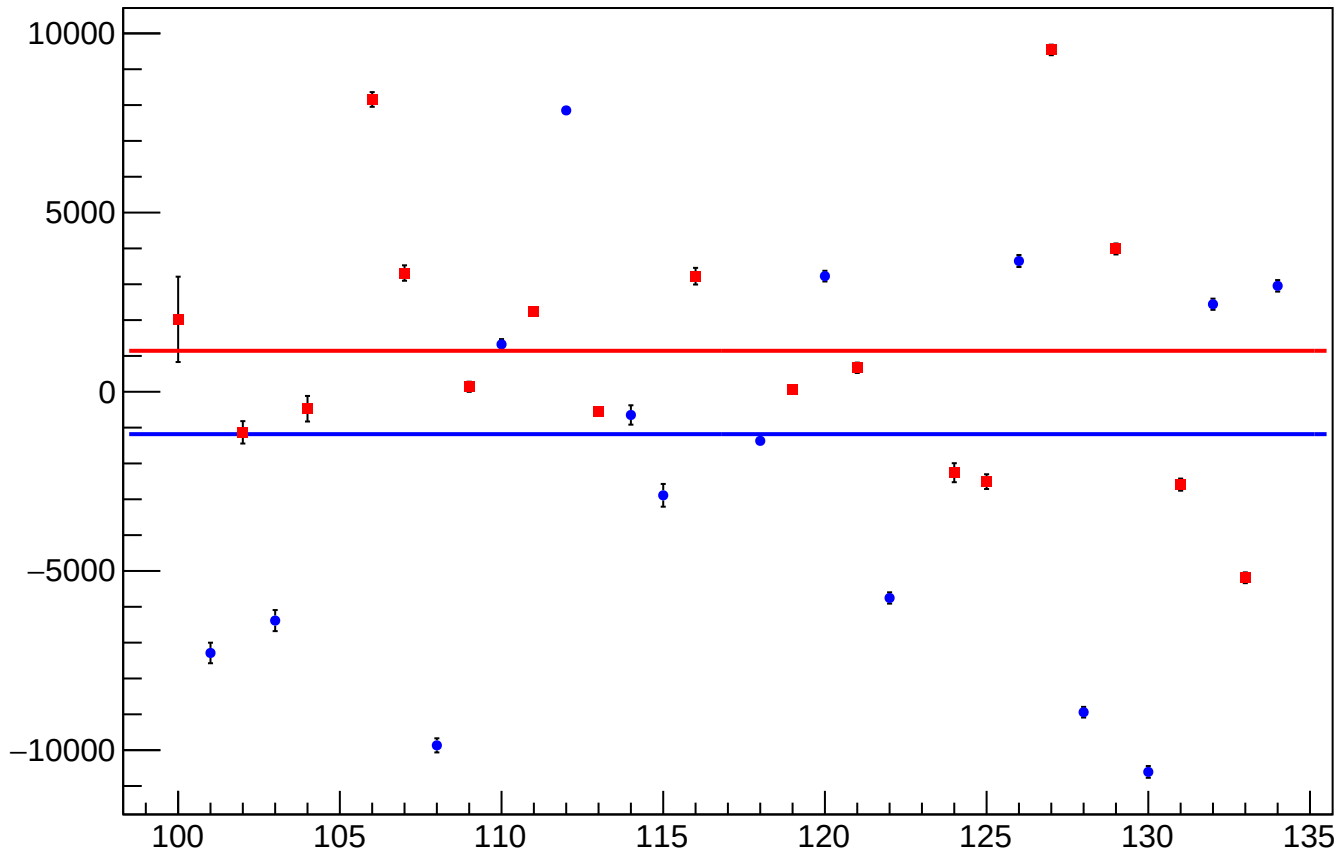
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 116.740 $\pm$ 0.024 χ^2 /NDF: 1597198.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm2i01WS_mean vs Slug



Right In: -1182.418 ± 43.969 $\chi^2/\text{NDF}: 17034.3/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1143.405 ± 41.794 $\chi^2/\text{NDF}: 8170.6/16$

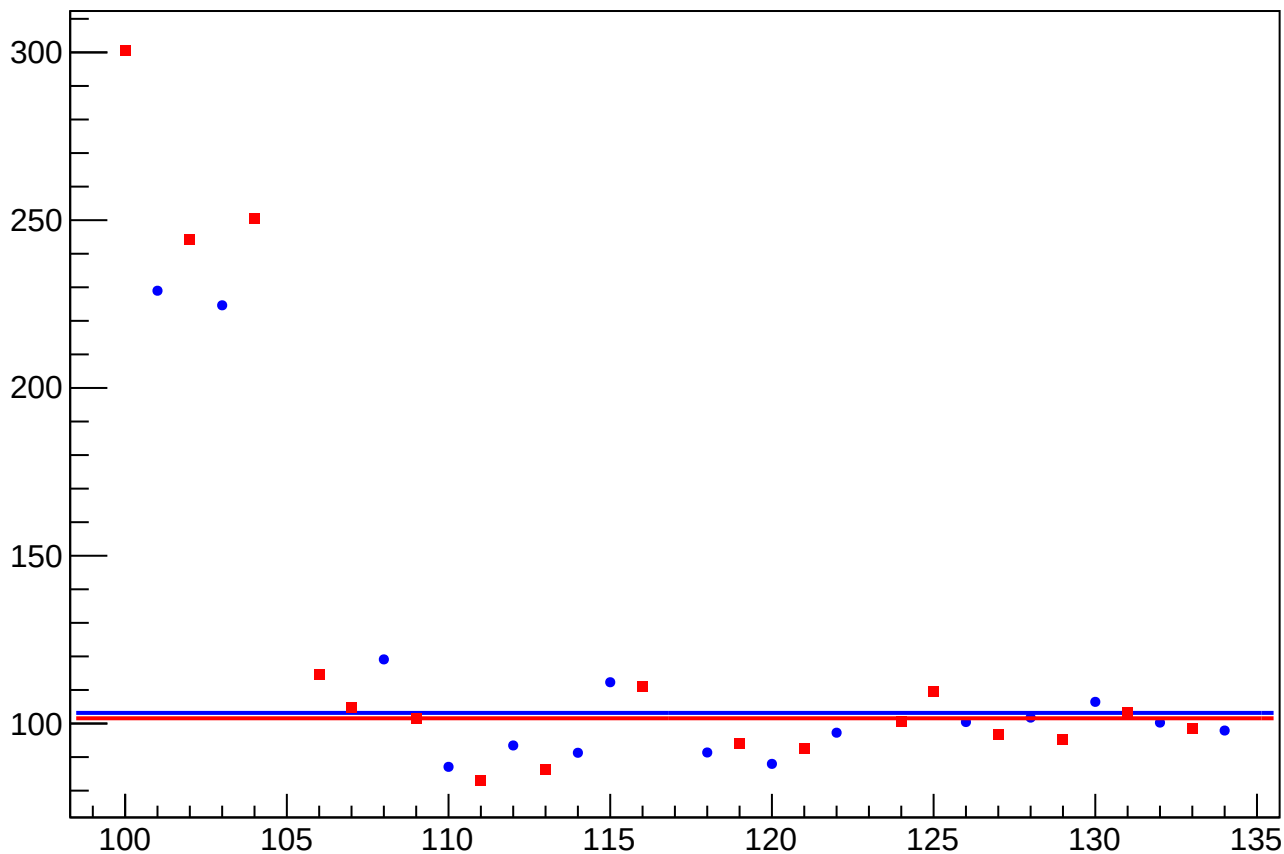
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 39.456 ± 30.292 $\chi^2/\text{NDF}: 26674.8/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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: 101.561 $\pm$ 0.030 χ^2 /NDF: 927363.1/16

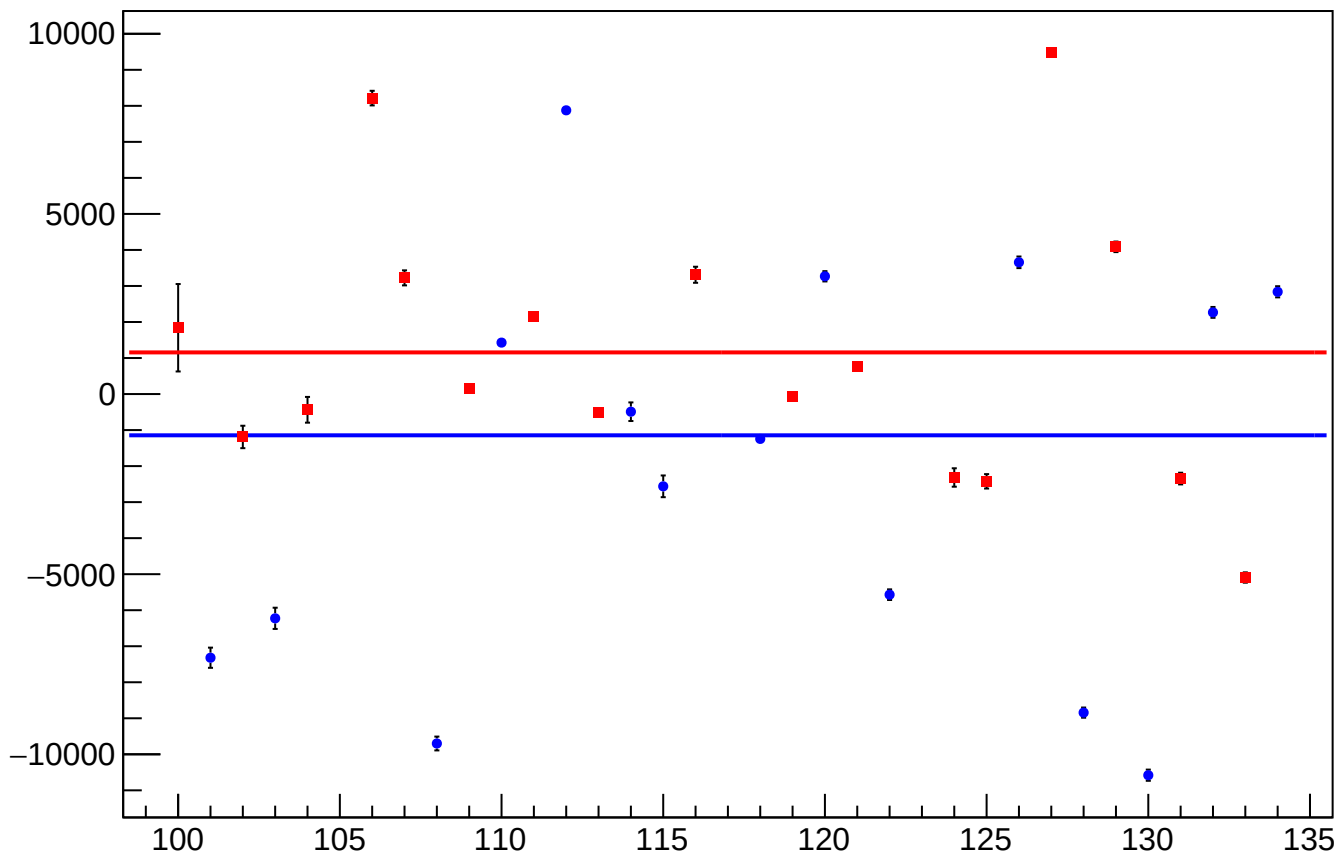
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 102.324 $\pm$ 0.021 χ^2 /NDF: 1752928.1/31

- 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: 1155.907 ± 39.918 $\chi^2/\text{NDF}: 8722.8/16$

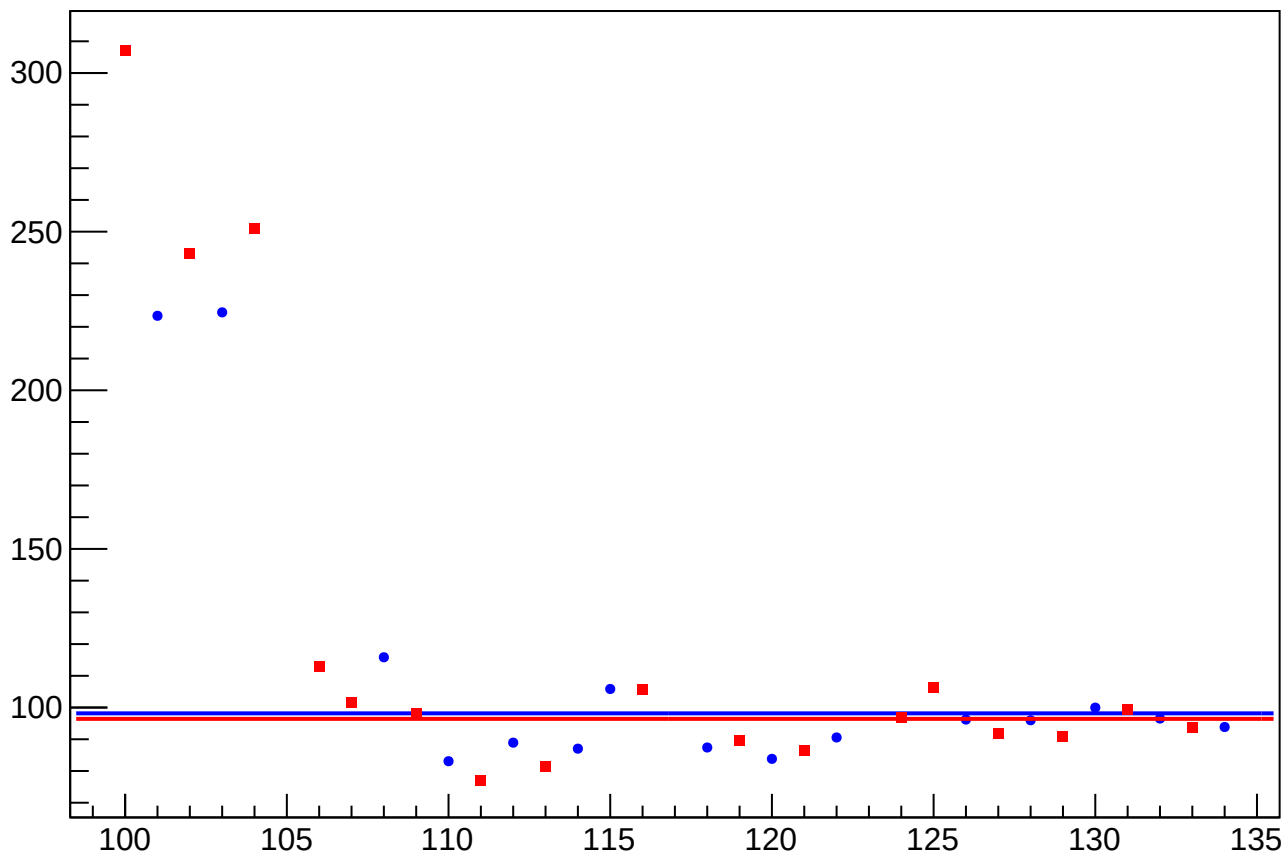
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 65.466 ± 28.955 $\chi^2/\text{NDF}: 28644.2/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_bpm2i02WS_rms vs Slug



Right In: 98.170 $\pm$ 0.030 χ^2 /NDF: 867729.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 96.431 $\pm$ 0.028 χ^2 /NDF: 1008932.1/16

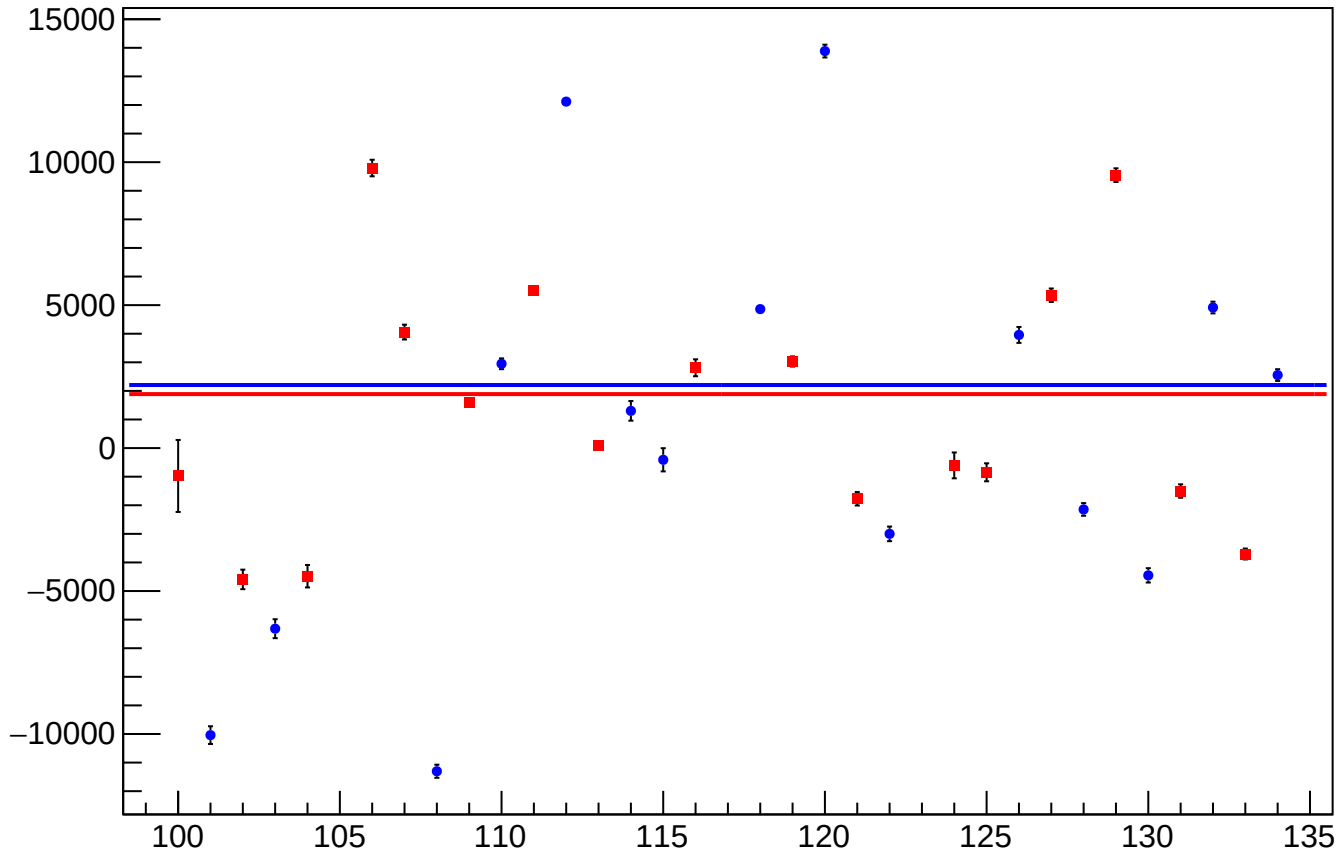
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 97.255 $\pm$ 0.020 χ^2 /NDF: 1878460.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i01WS_mean vs Slug



Right In: 2205.771+/-59.790 χ^2/NDF : 13627.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1888.239+/-57.261 χ^2/NDF : 4729.4/16

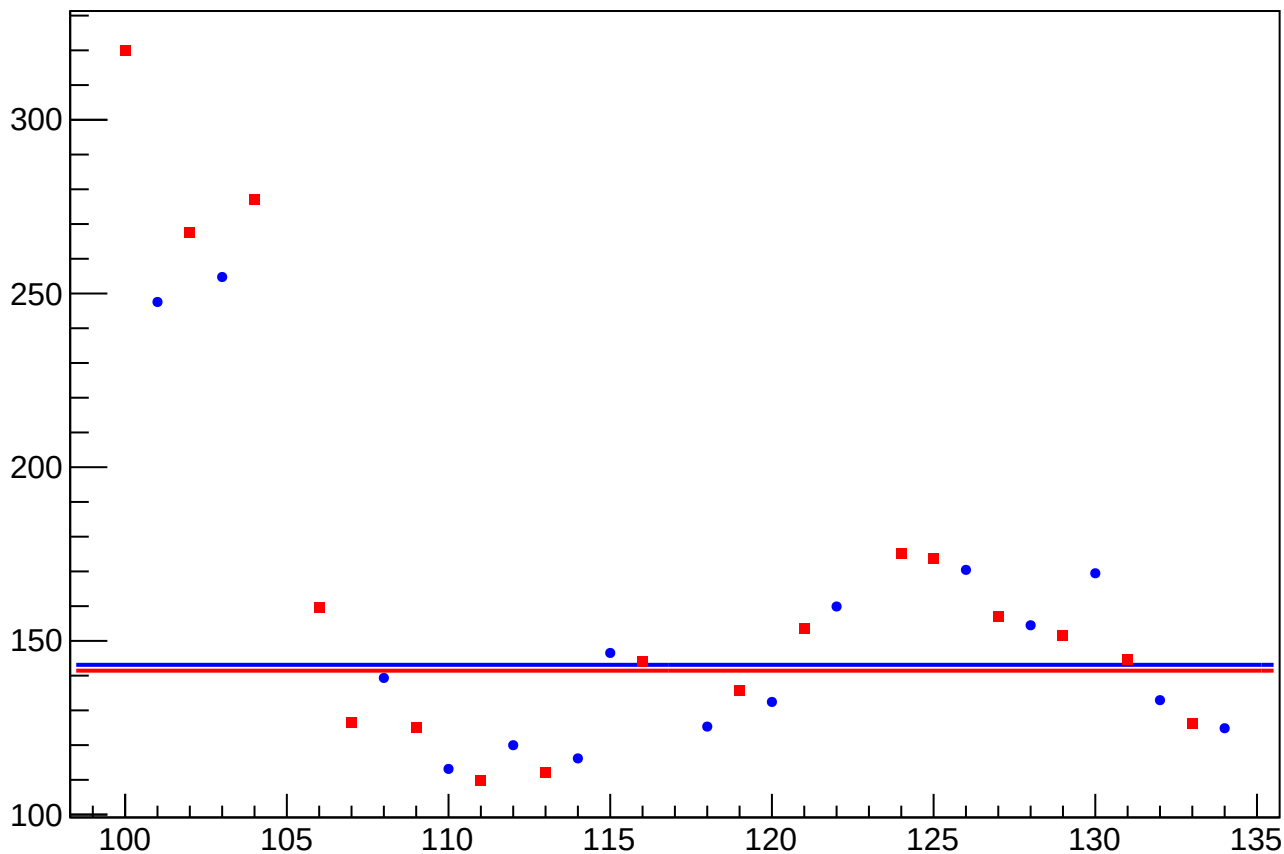
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2040.146+/-41.355 χ^2/NDF : 18371.9/31

- sign 0.000+/-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: 141.431 $\pm$ 0.040 χ^2 /NDF: 780525.3/16

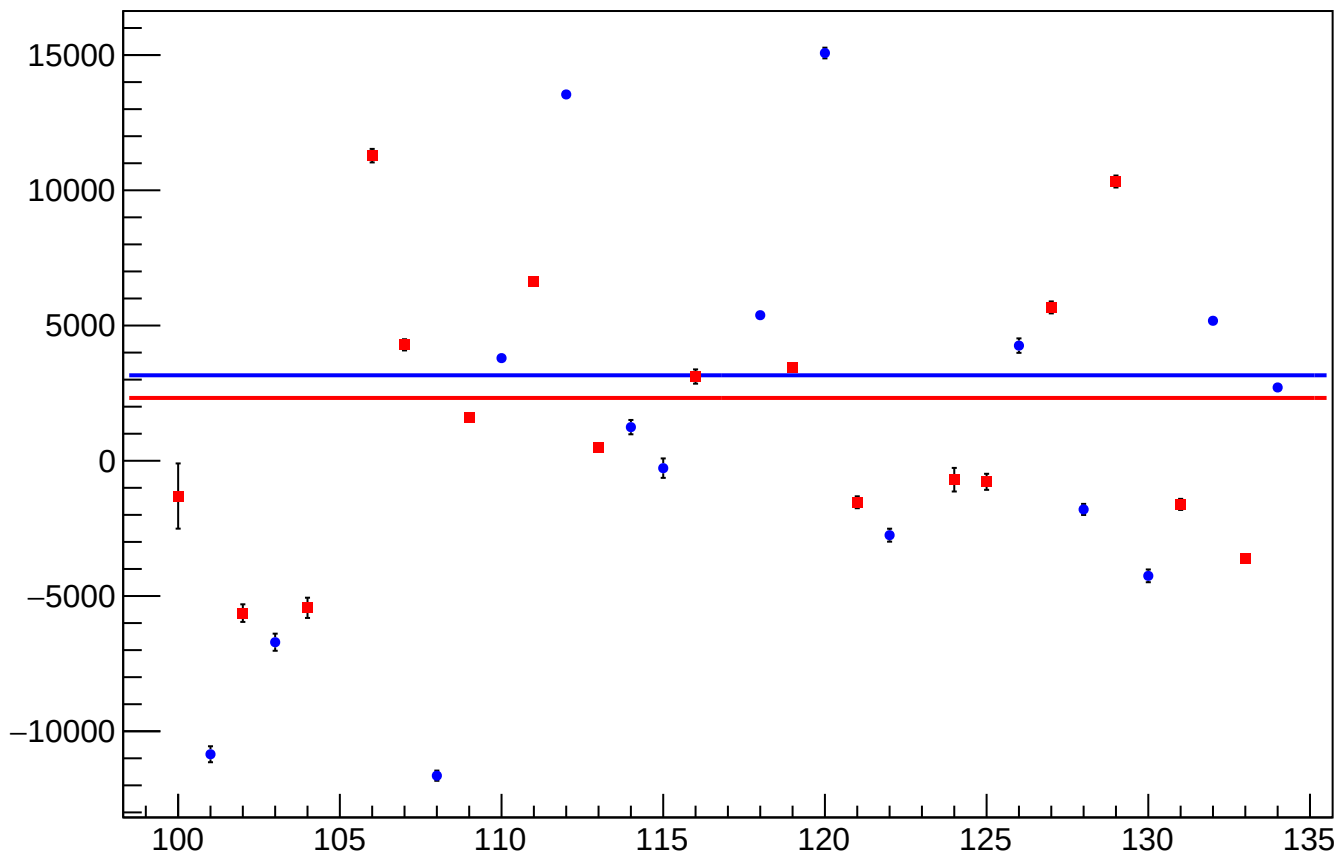
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 142.235 $\pm$ 0.029 χ^2 /NDF: 1436689.0/31

- 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: 2322.865+/-47.642 χ^2/NDF : 7741.8/16

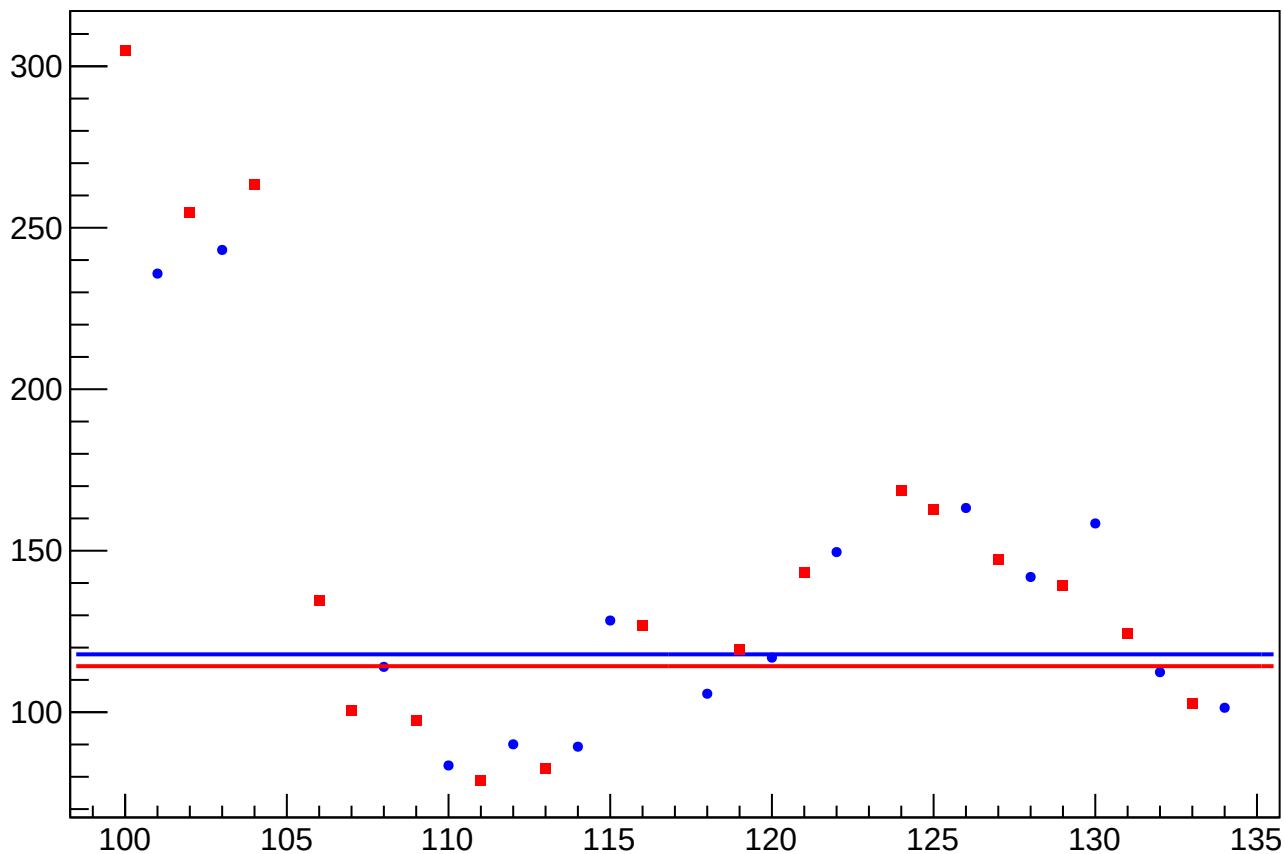
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2717.250+/-34.655 χ^2/NDF : 29591.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i01aWS_rms vs Slug



Right In: 117.913+/-0.036 χ^2/NDF : 1077743.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.250+/-0.034 χ^2/NDF : 1301704.8/16

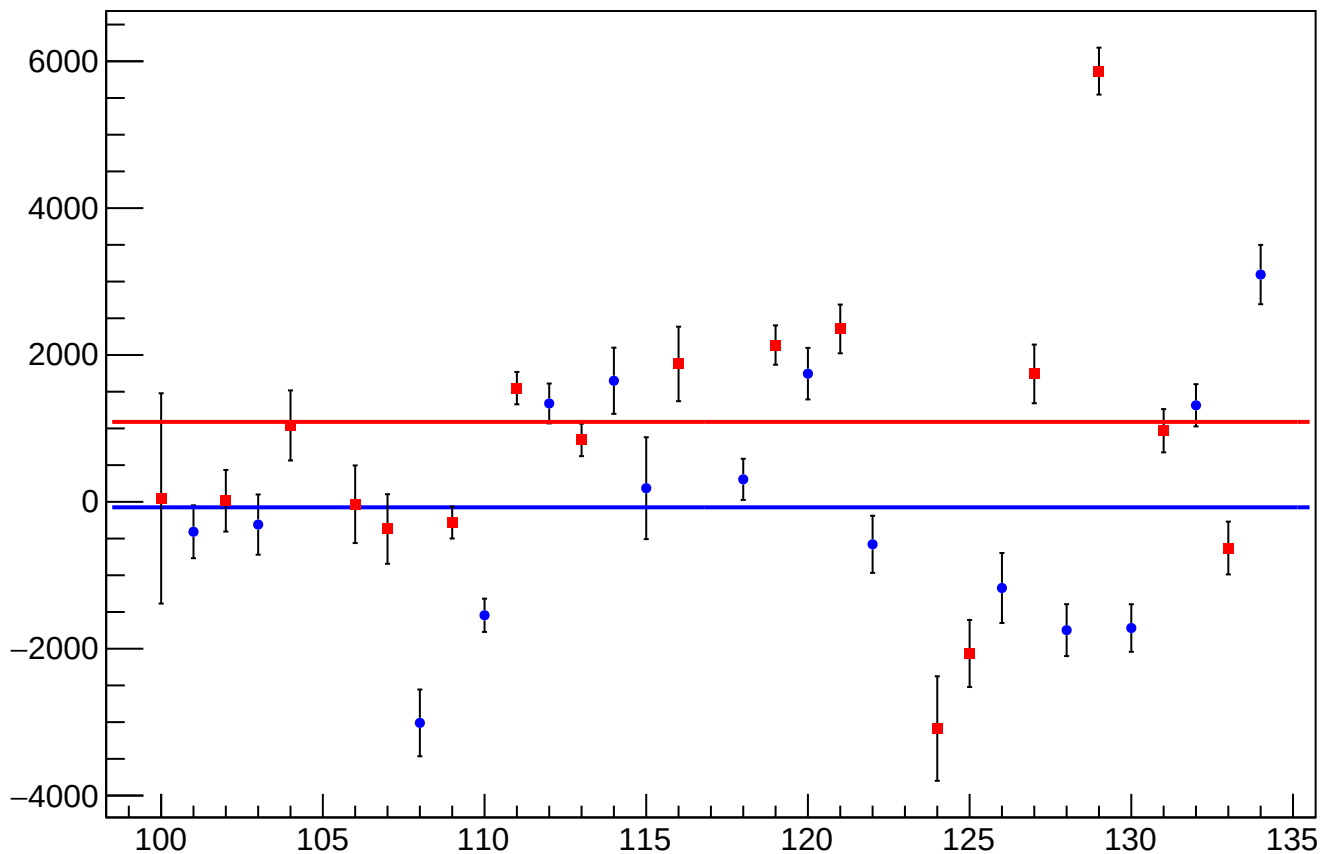
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.975+/-0.025 χ^2/NDF : 2385015.2/31

- sign 0.000+/-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: 1088.963 ± 81.729 χ^2/NDF : 430.0/16

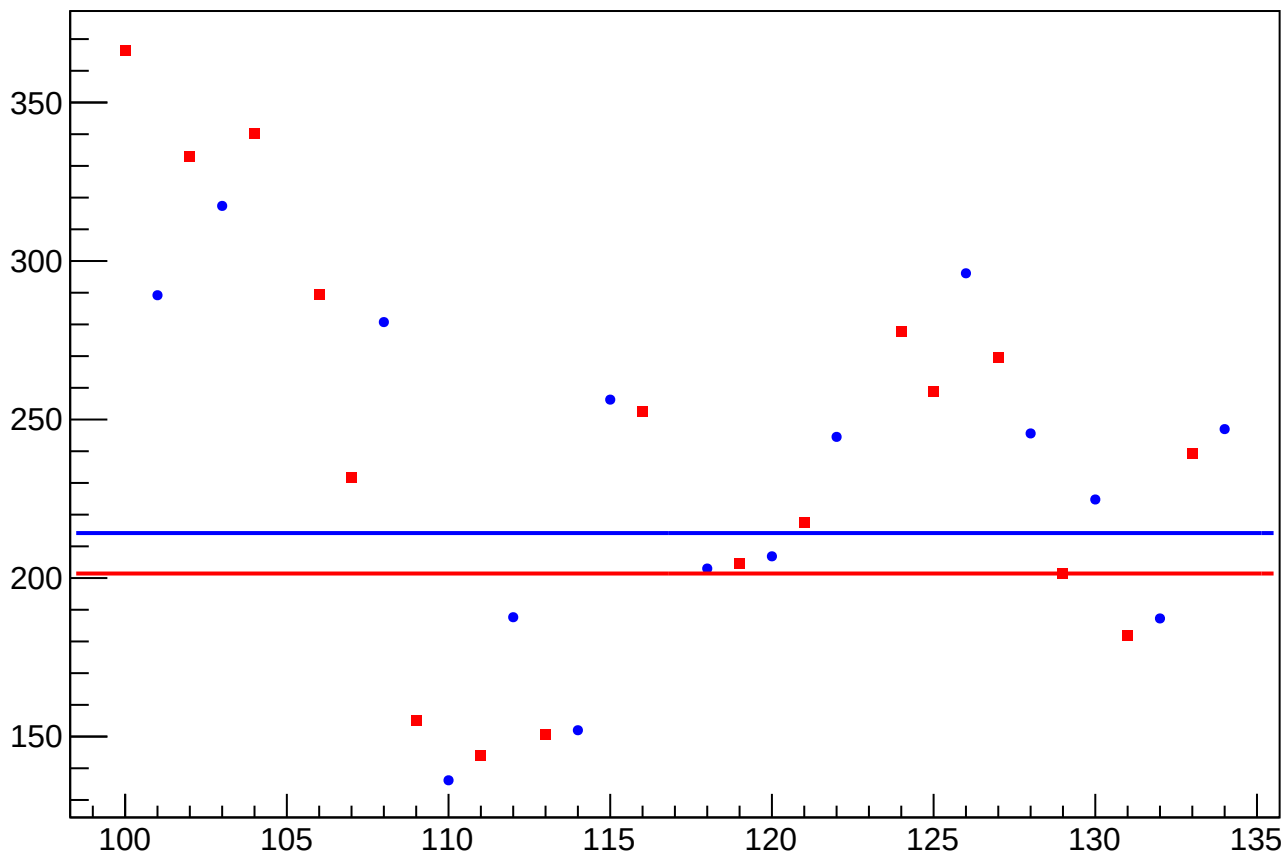
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 556.744 ± 60.201 χ^2/NDF : 818.6/31

- 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: 201.429 ± 0.058 χ^2/NDF : 955813.0/16

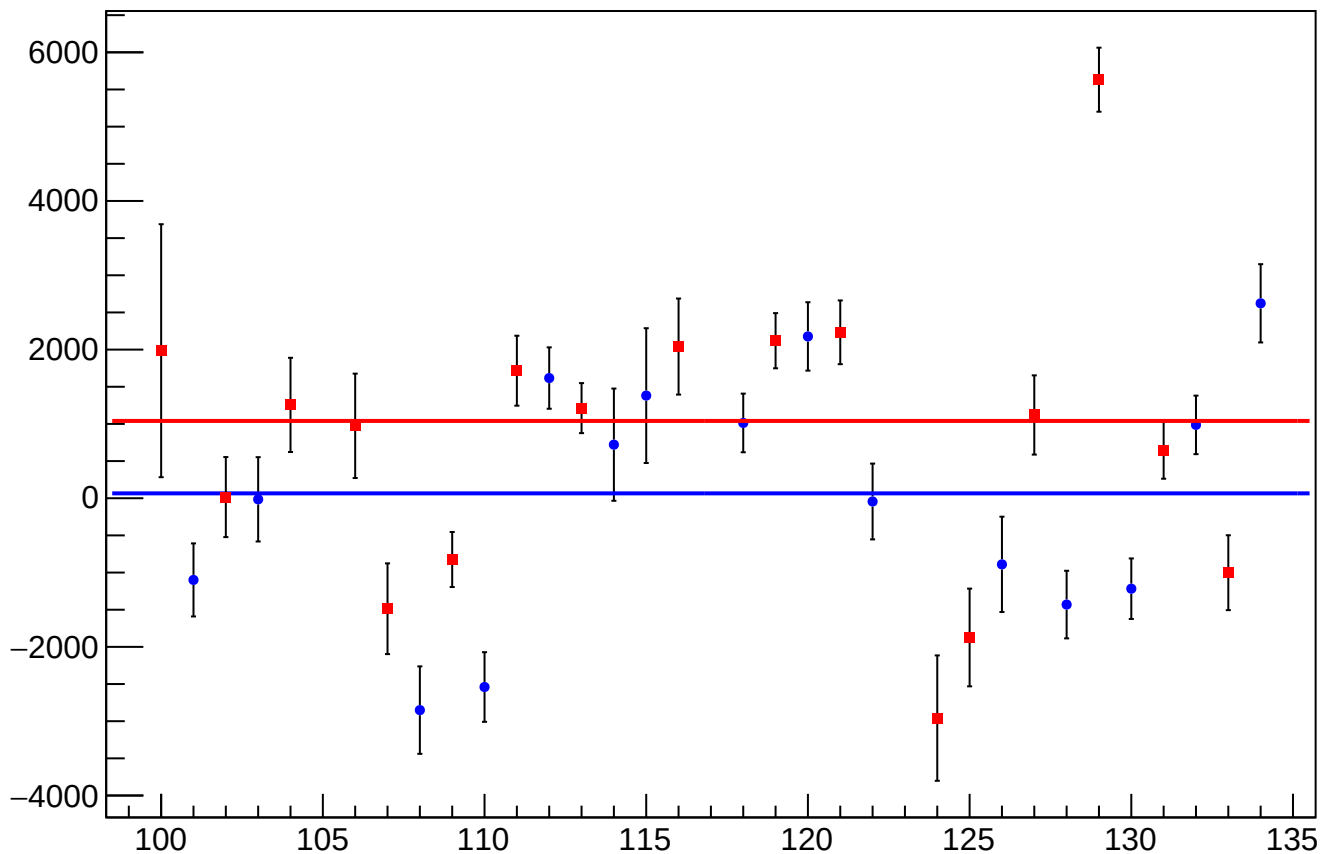
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 207.265 ± 0.043 χ^2/NDF : 1660531.3/31

- 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: 1040.242+/-119.395 χ^2/NDF : 240.7/16

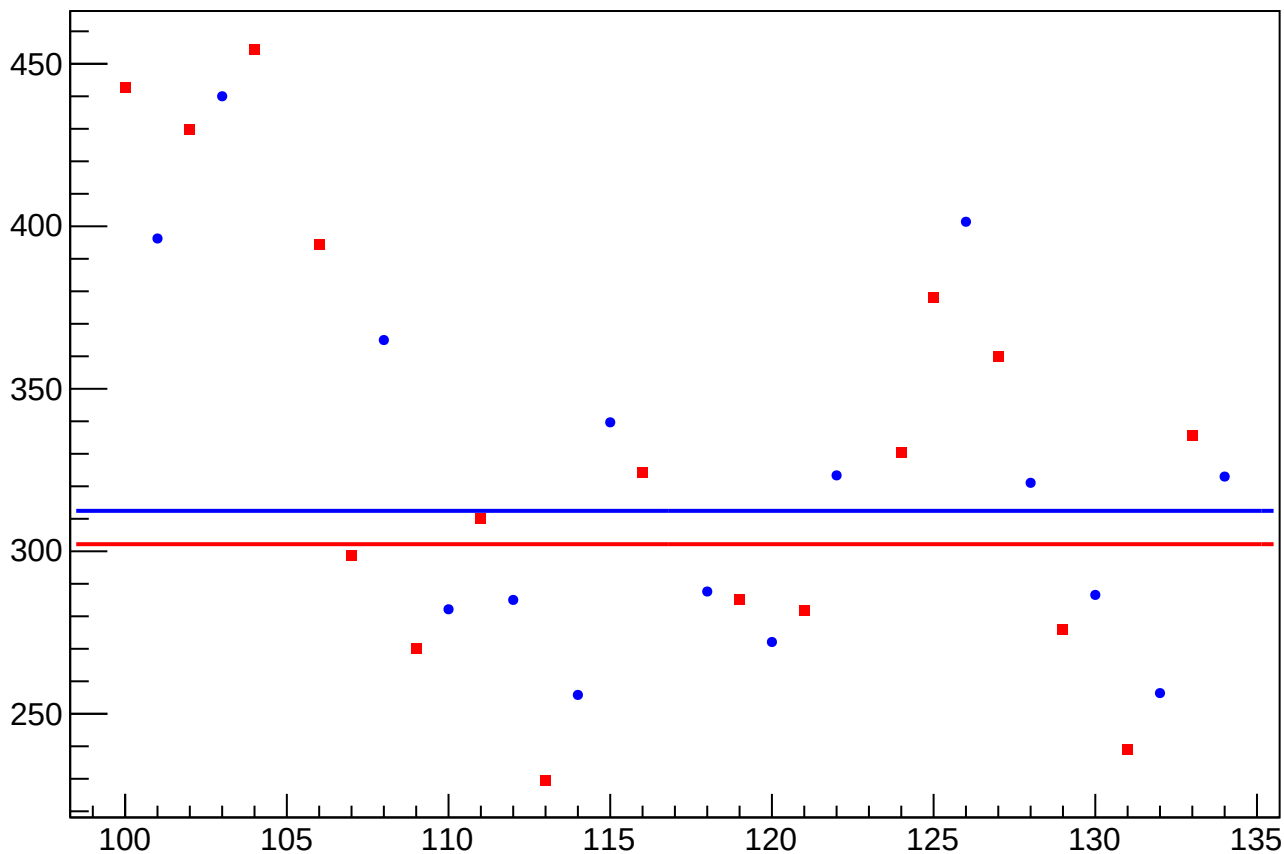
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 583.505+/-87.035 χ^2/NDF : 428.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l02WS_rms vs Slug



Right In: 312.449 ± 0.090 χ^2/NDF : 318258.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 302.188 ± 0.084 χ^2/NDF : 519161.2/16

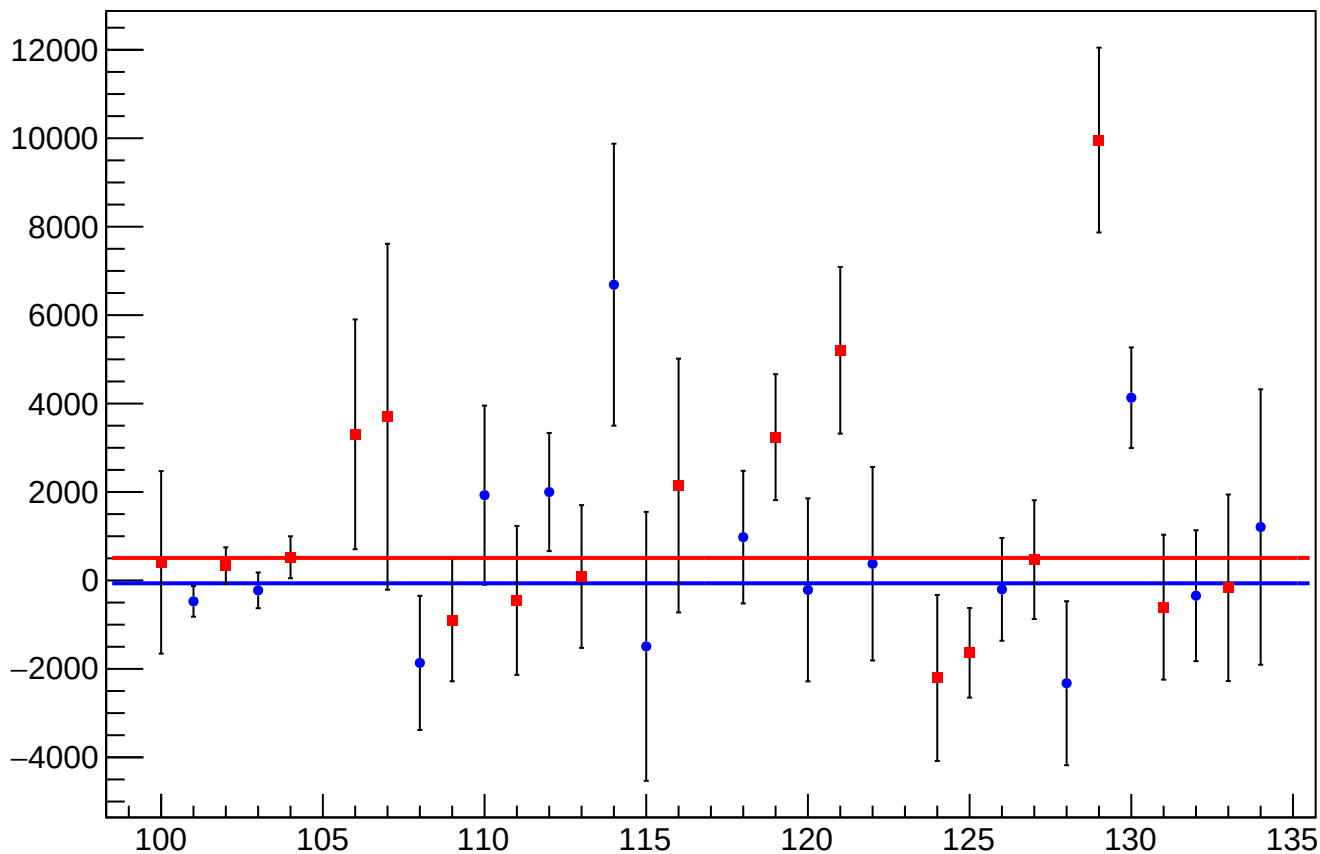
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 306.996 ± 0.062 χ^2/NDF : 844342.5/31

- sign 0.000 ± 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: 509.270 ± 254.071 χ^2/NDF : 41.2/16

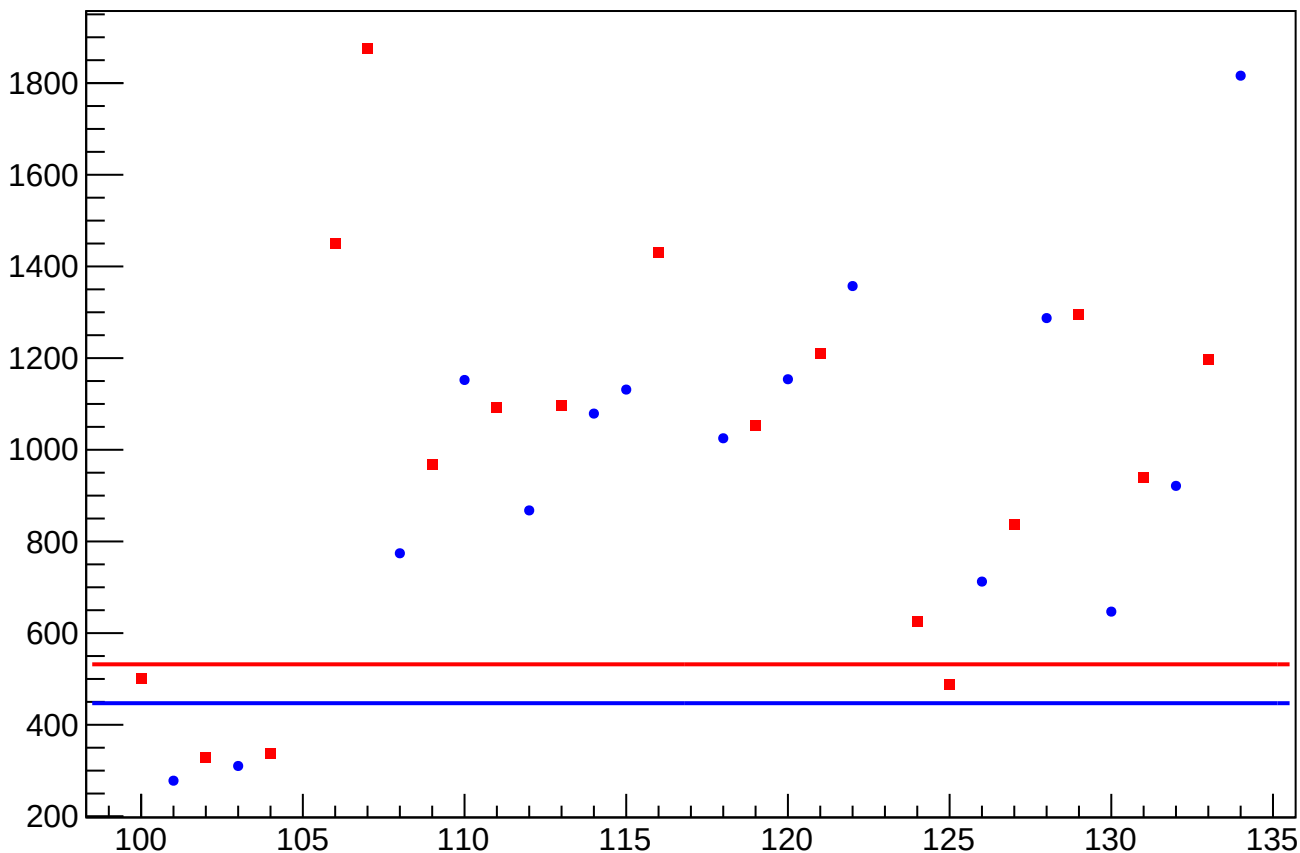
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 191.783 ± 169.837 χ^2/NDF : 70.9/31

- 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

Right Out: 531.931+/-0.180 χ^2/NDF : 3384349.9/16

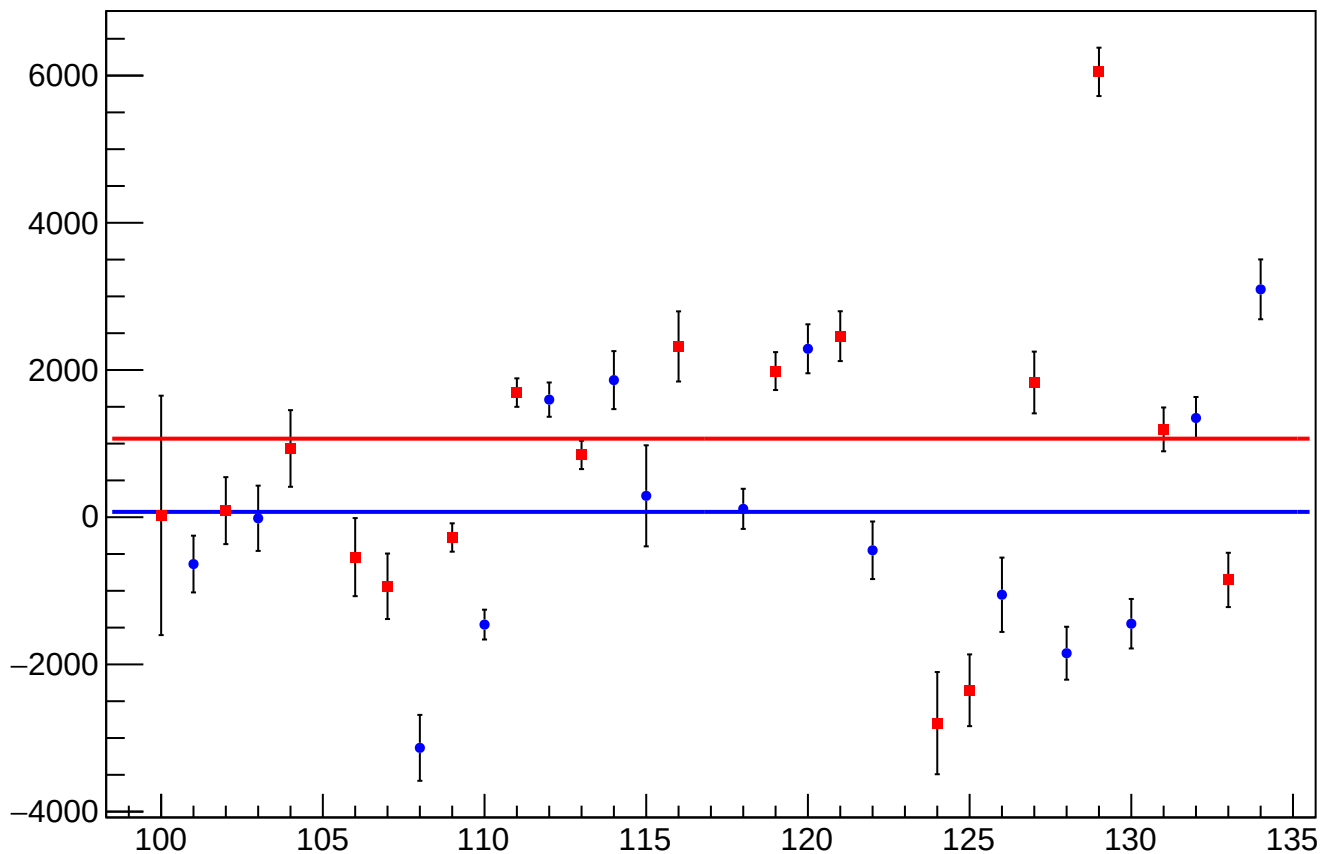
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 485.014+/-0.120 χ^2/NDF : 6973016.3/31

- sign 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: 1067.225+/-77.590 χ^2/NDF : 472.2/16

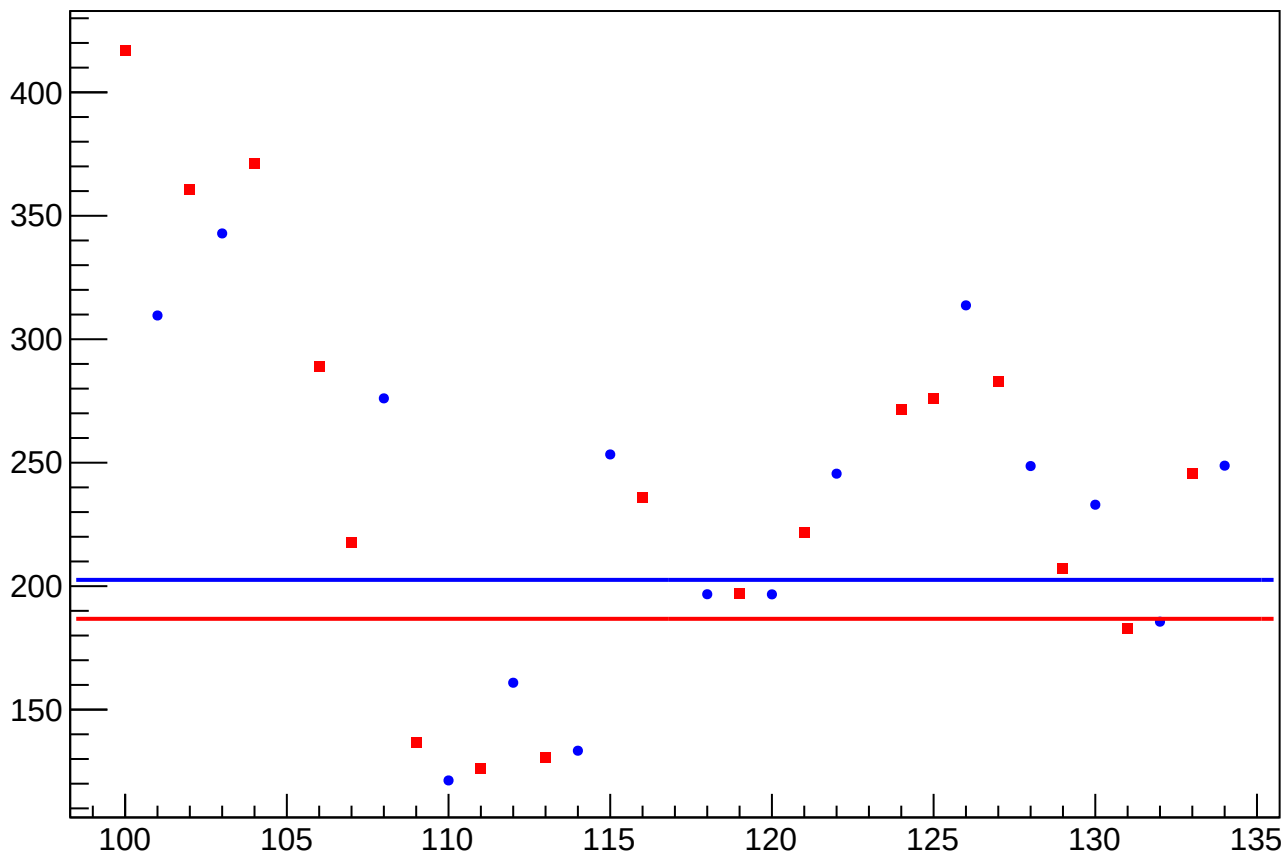
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 619.275+/-57.531 χ^2/NDF : 897.0/31

- 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

Right Out: 186.769 $\pm$ 0.055 χ^2 /NDF: 1476573.3/16

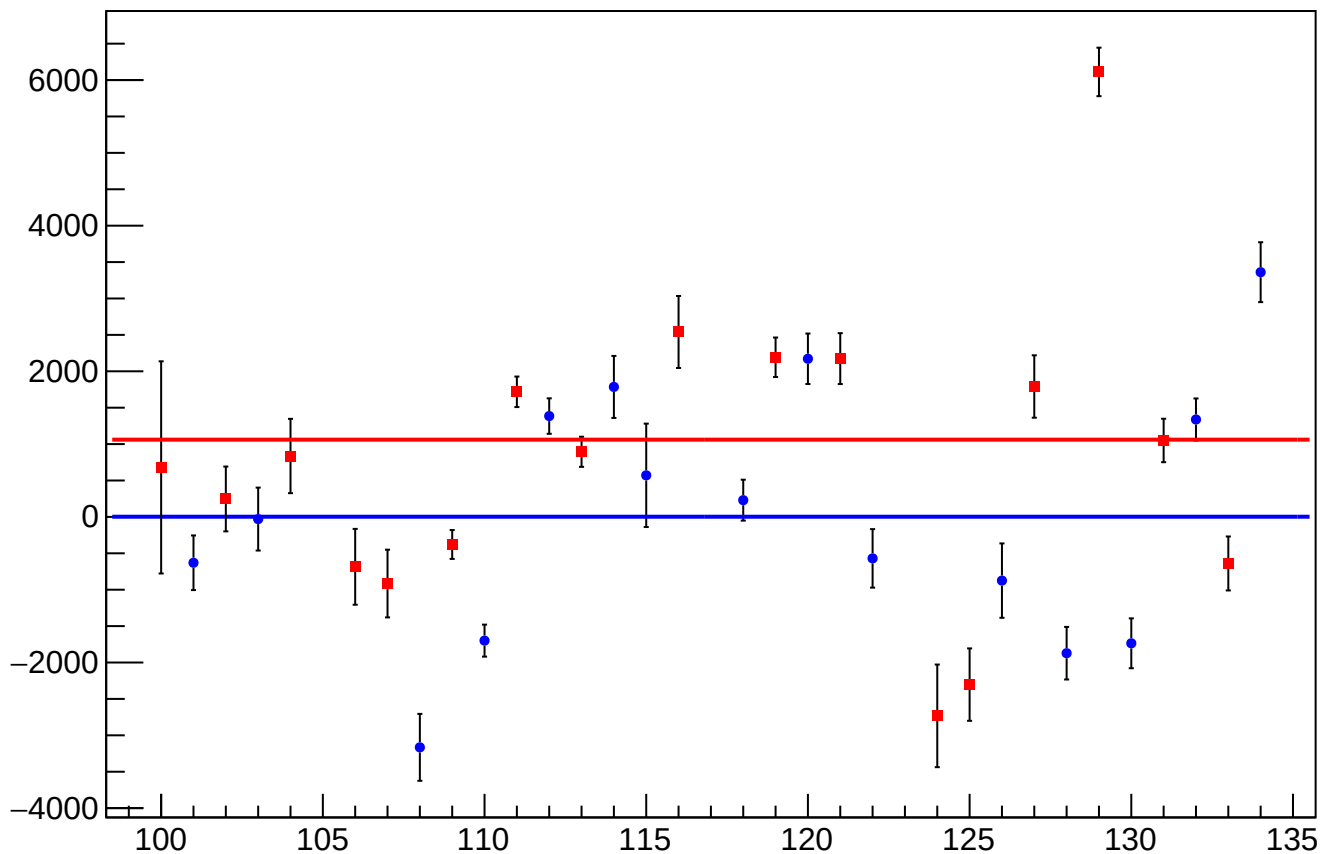
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 193.872 $\pm$ 0.041 χ^2 /NDF: 2585333.2/31

- sign 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: 1060.976+/-80.555 χ^2/NDF : 461.2/16

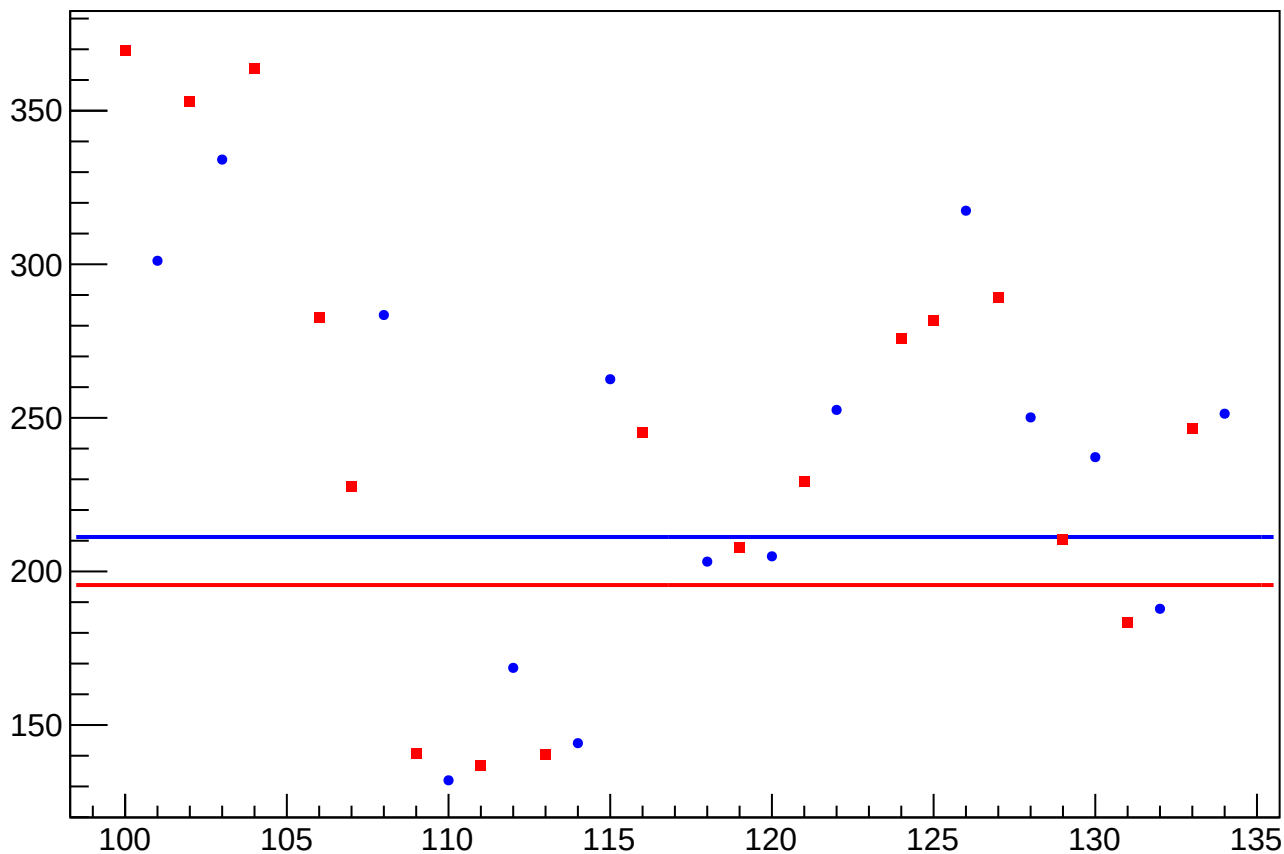
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 582.026+/-59.607 χ^2/NDF : 885.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l05WS_rms vs Slug



Right In: 211.213 $\pm$ 0.063 χ^2 /NDF: 884360.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 195.567 $\pm$ 0.057 χ^2 /NDF: 1282338.4/16

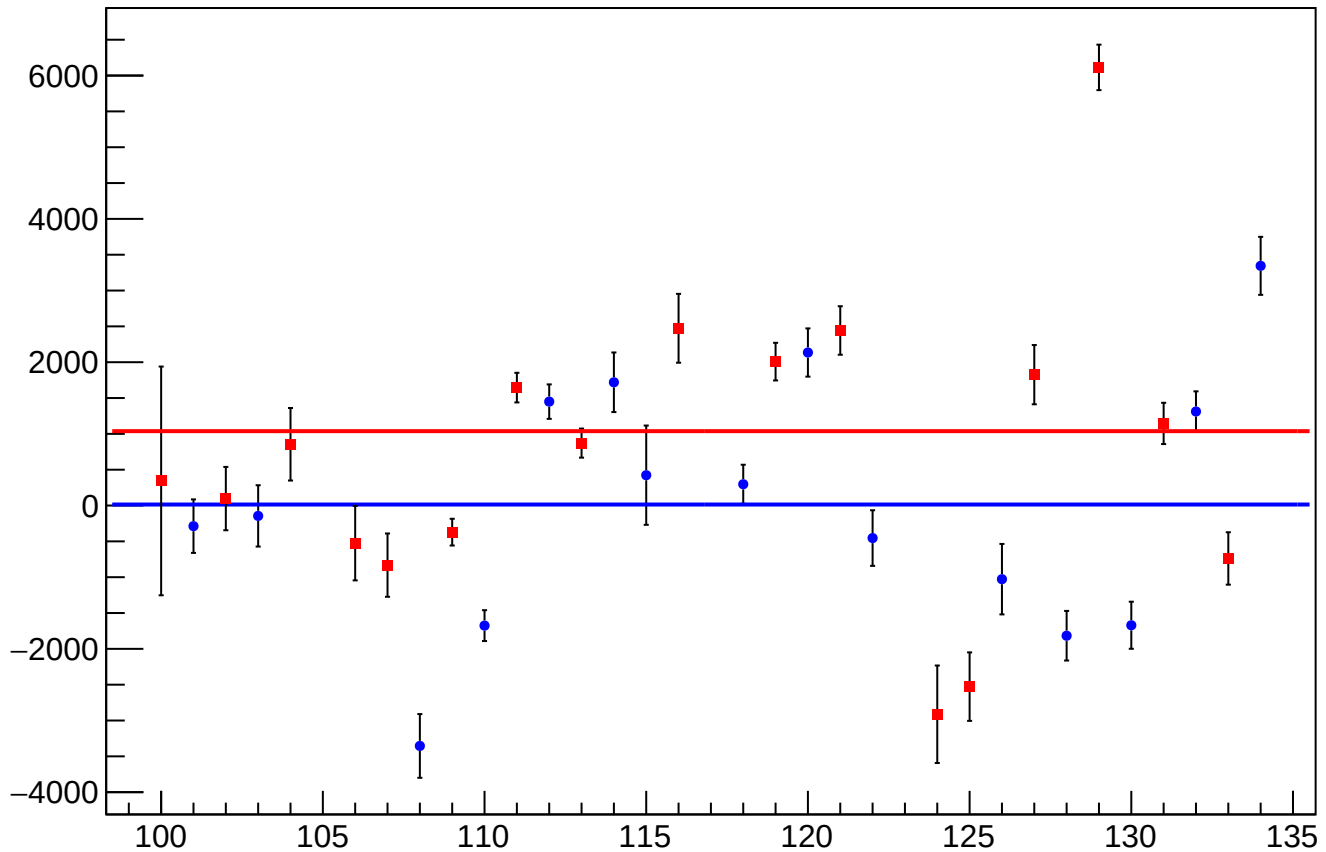
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 202.646 $\pm$ 0.042 χ^2 /NDF: 2200834.1/31

- sign 0.000 $\pm$ 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: 1037.692+/-78.058 χ^2/NDF : 510.9/16

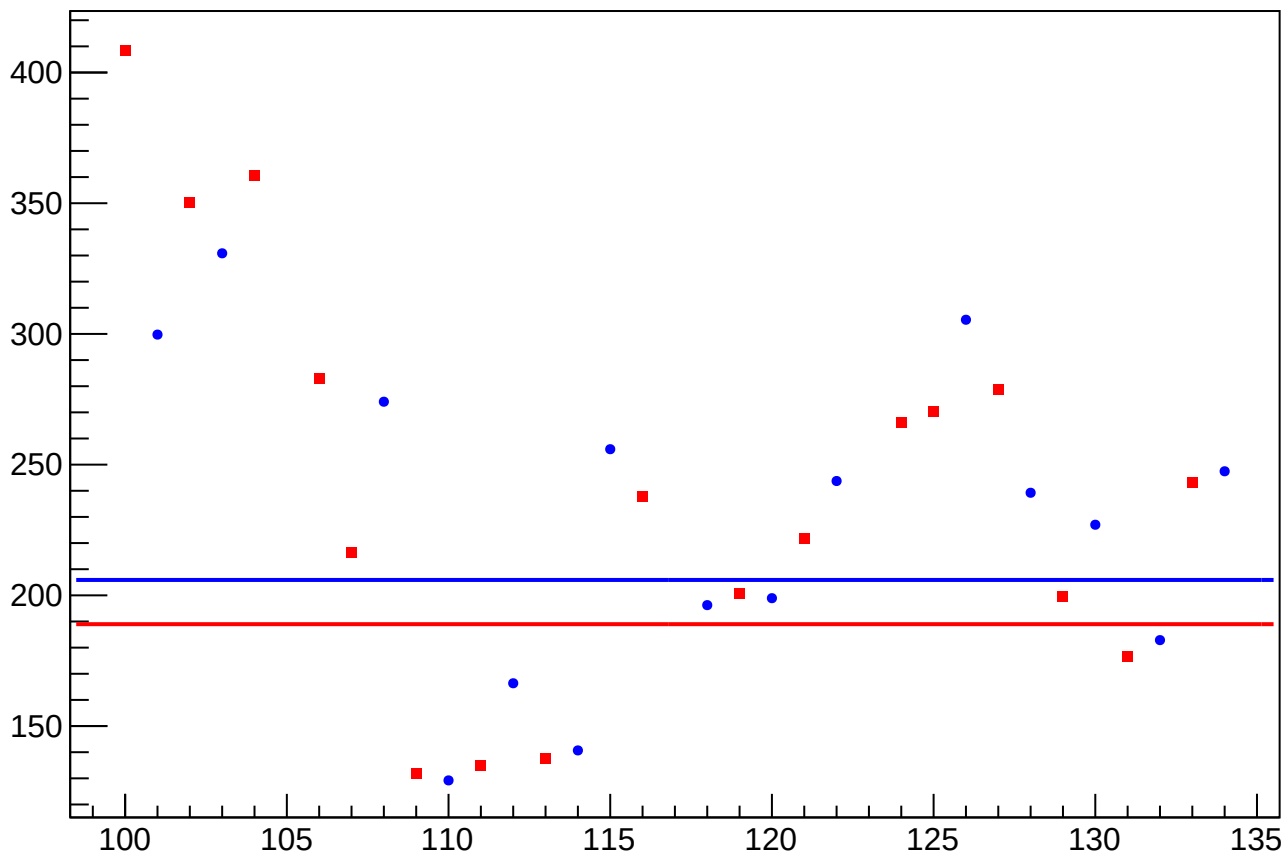
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 577.799+/-57.929 χ^2/NDF : 950.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l06WS_rms vs Slug



Right In: 205.890+/-0.061 χ^2/NDF : 876816.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 188.973+/-0.055 χ^2/NDF : 1330625.8/16

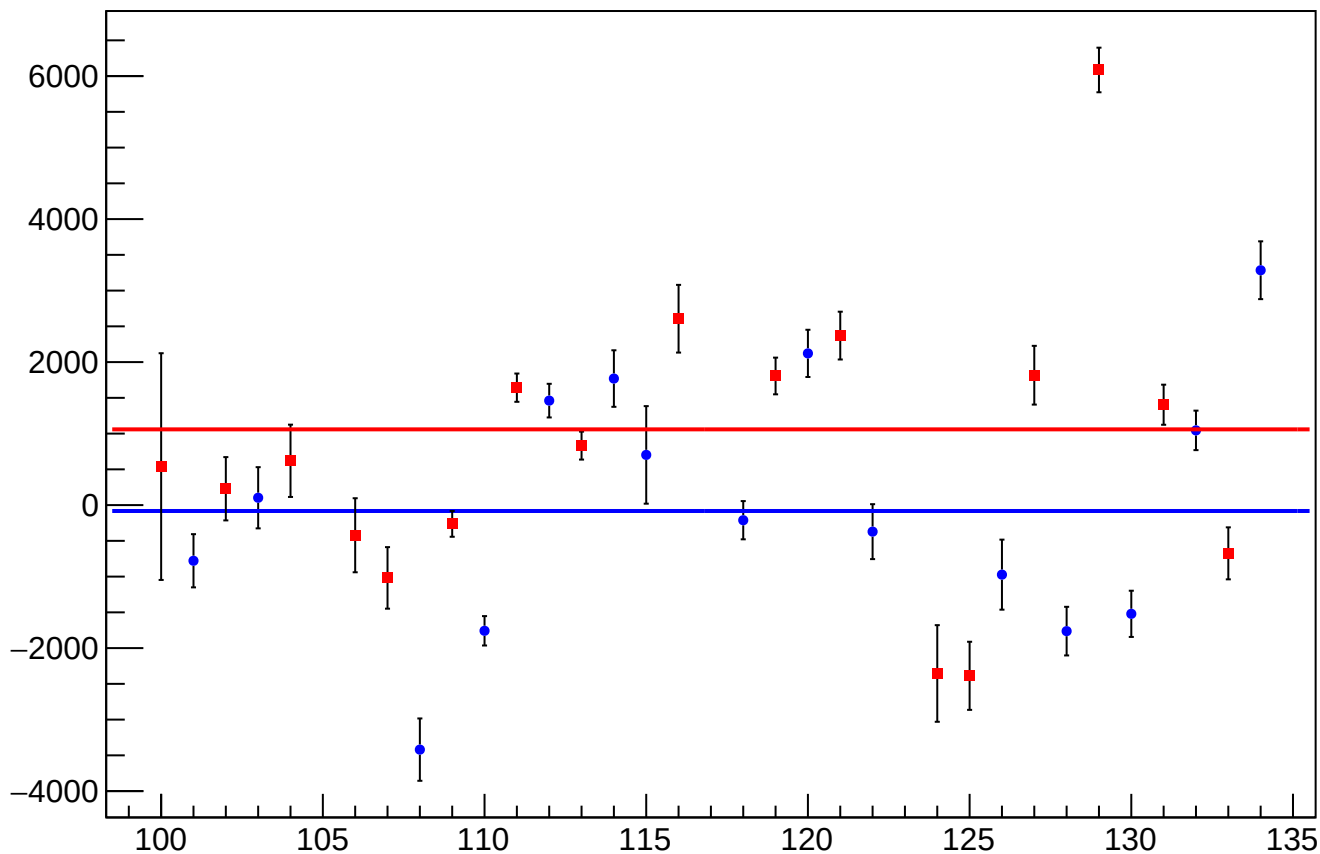
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 196.573+/-0.041 χ^2/NDF : 2249645.6/31

- sign 0.000+/-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: 1059.210 ± 76.072 χ^2/NDF : 499.6/16

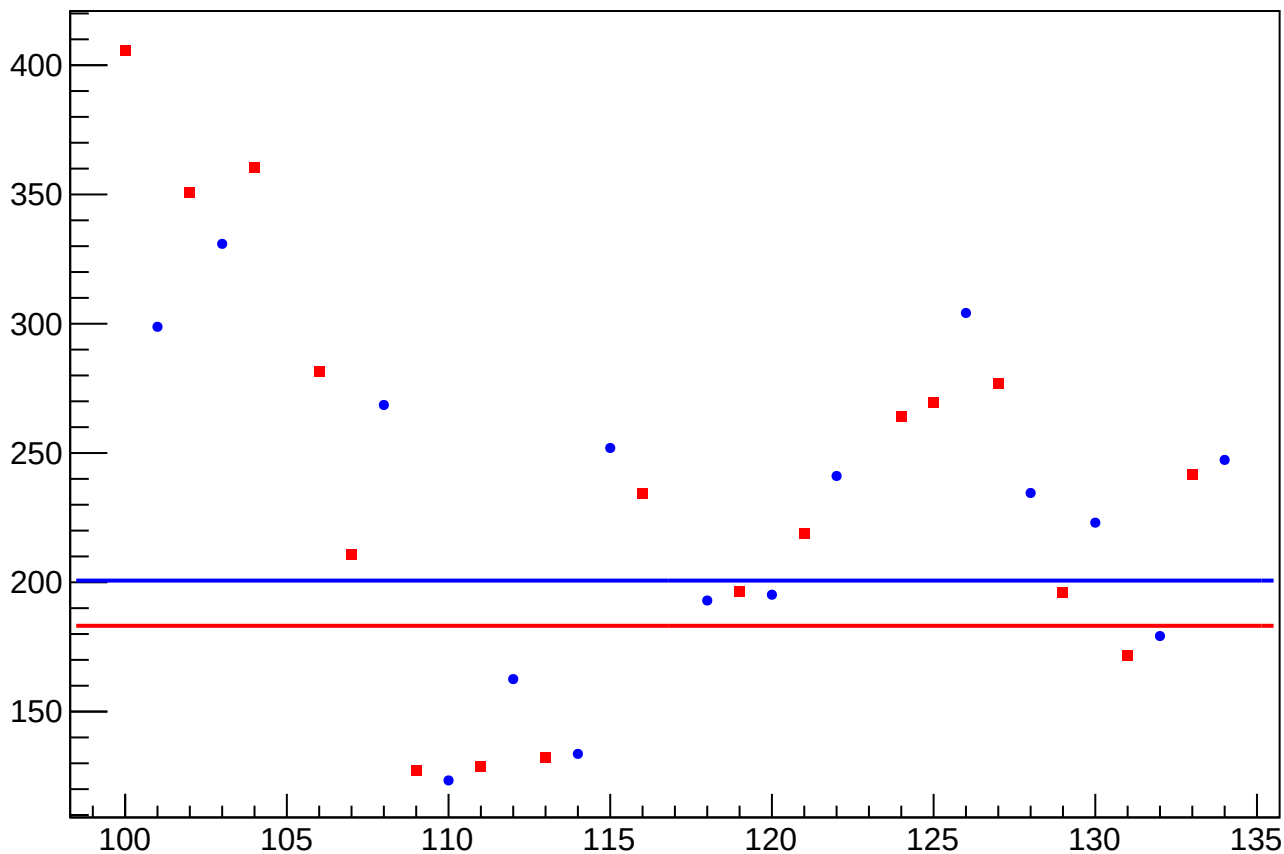
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 548.671 ± 56.559 χ^2/NDF : 974.3/31

- 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: 183.181+/-0.054 χ^2/NDF : 1441112.5/16

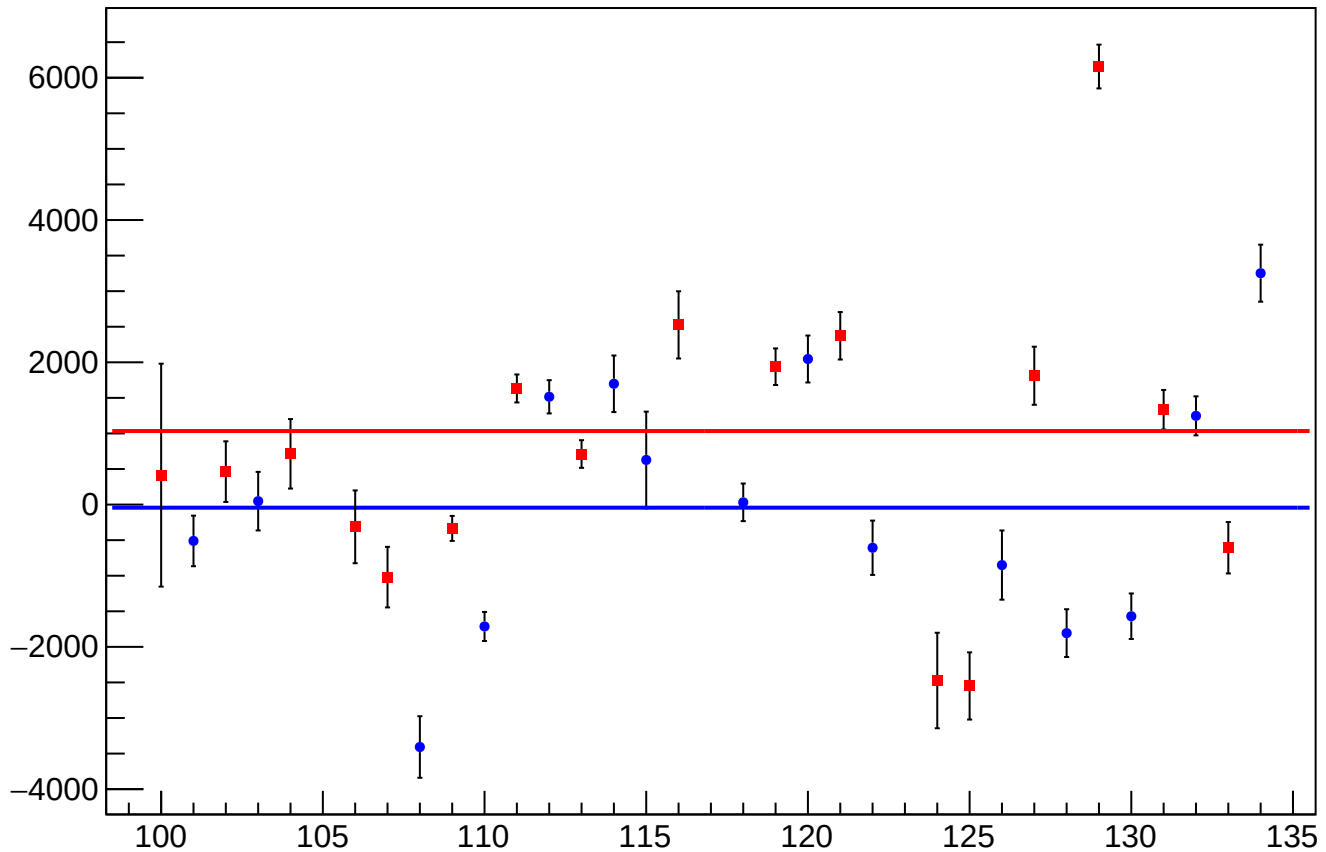
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.000+/-0.040 χ^2/NDF : 2447213.6/31

- 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: 1034.146 ± 75.234 χ^2/NDF : 531.6/16

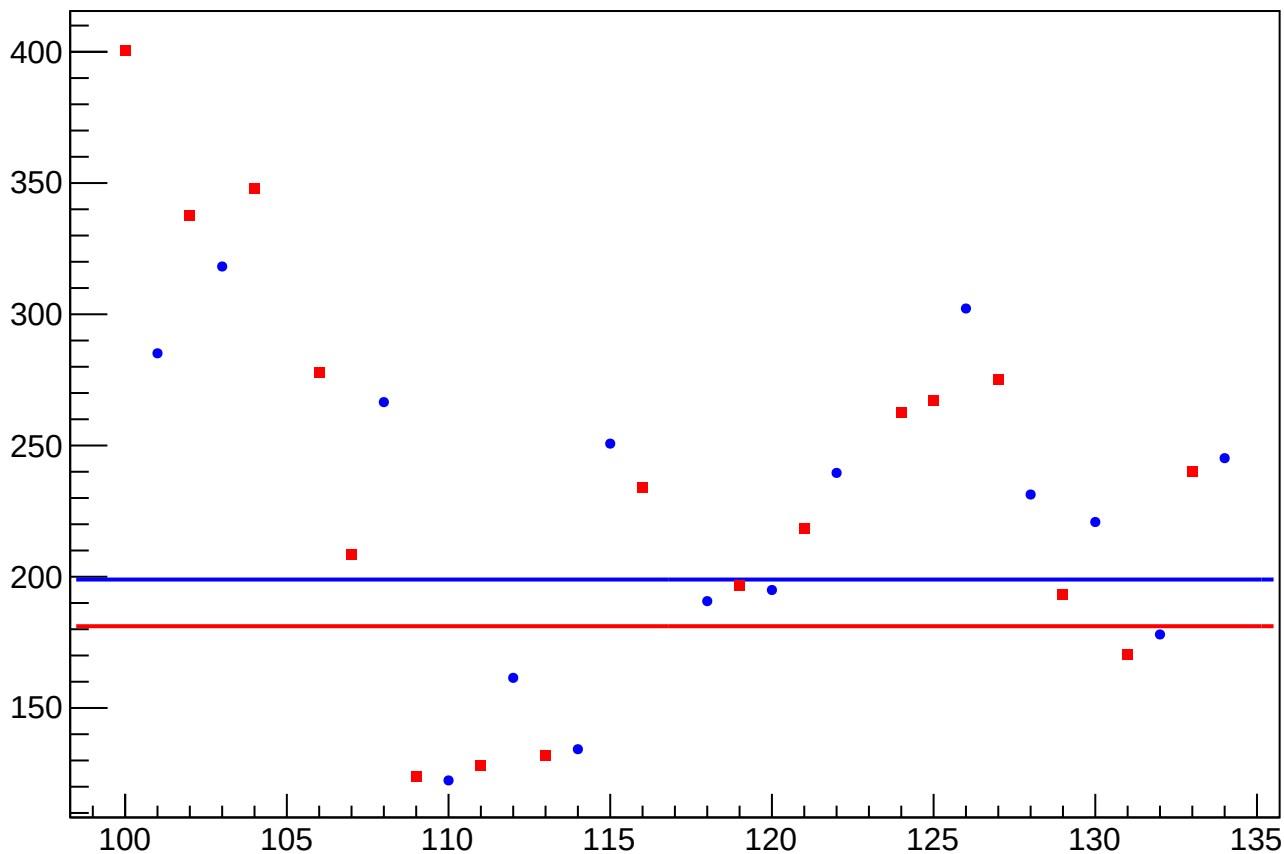
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 552.559 ± 55.955 χ^2/NDF : 1002.3/31

- 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: 181.155+/-0.053 χ^2/NDF : 1428791.7/16

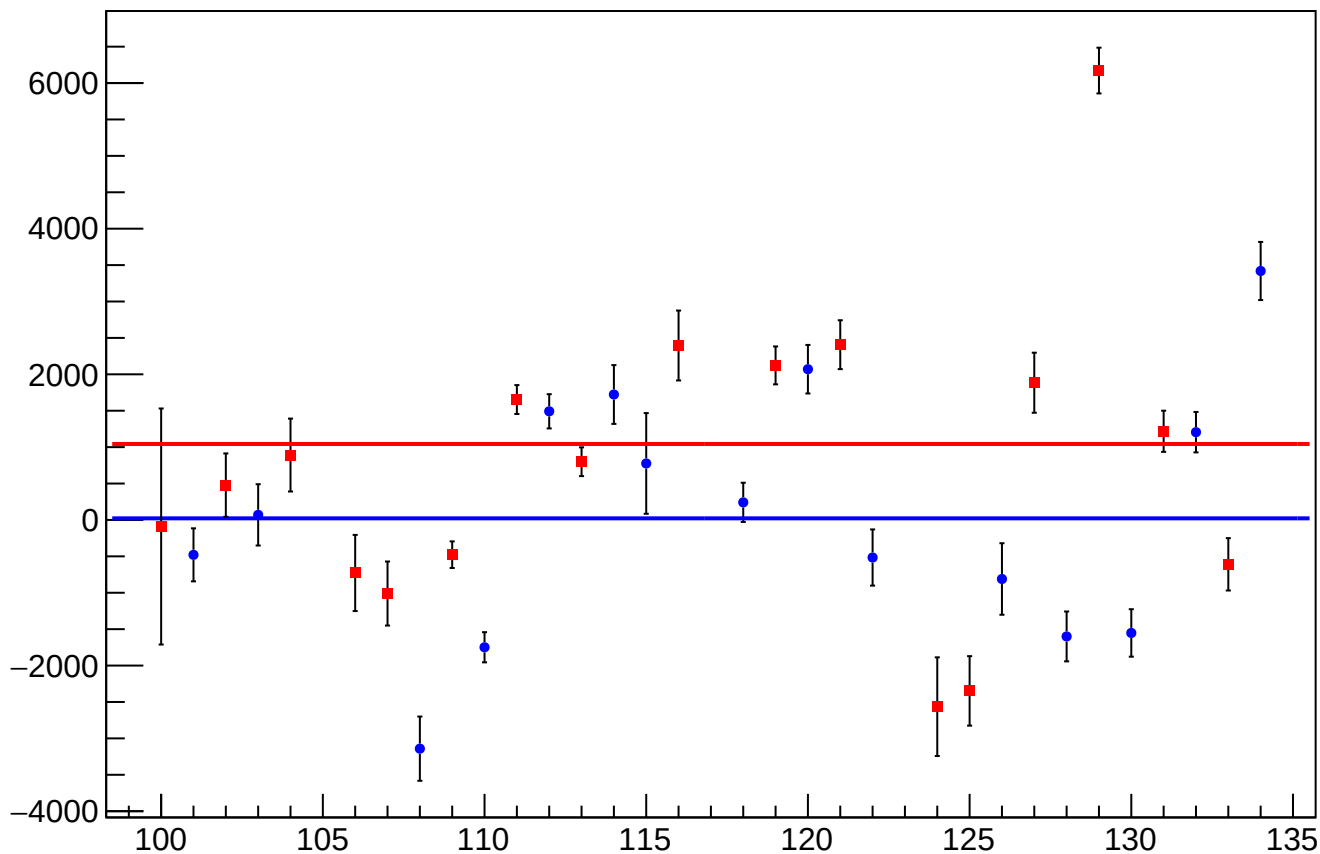
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.101+/-0.040 χ^2/NDF : 2391480.9/31

- 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: 1043.287+/-76.656 χ^2/NDF : 528.1/16

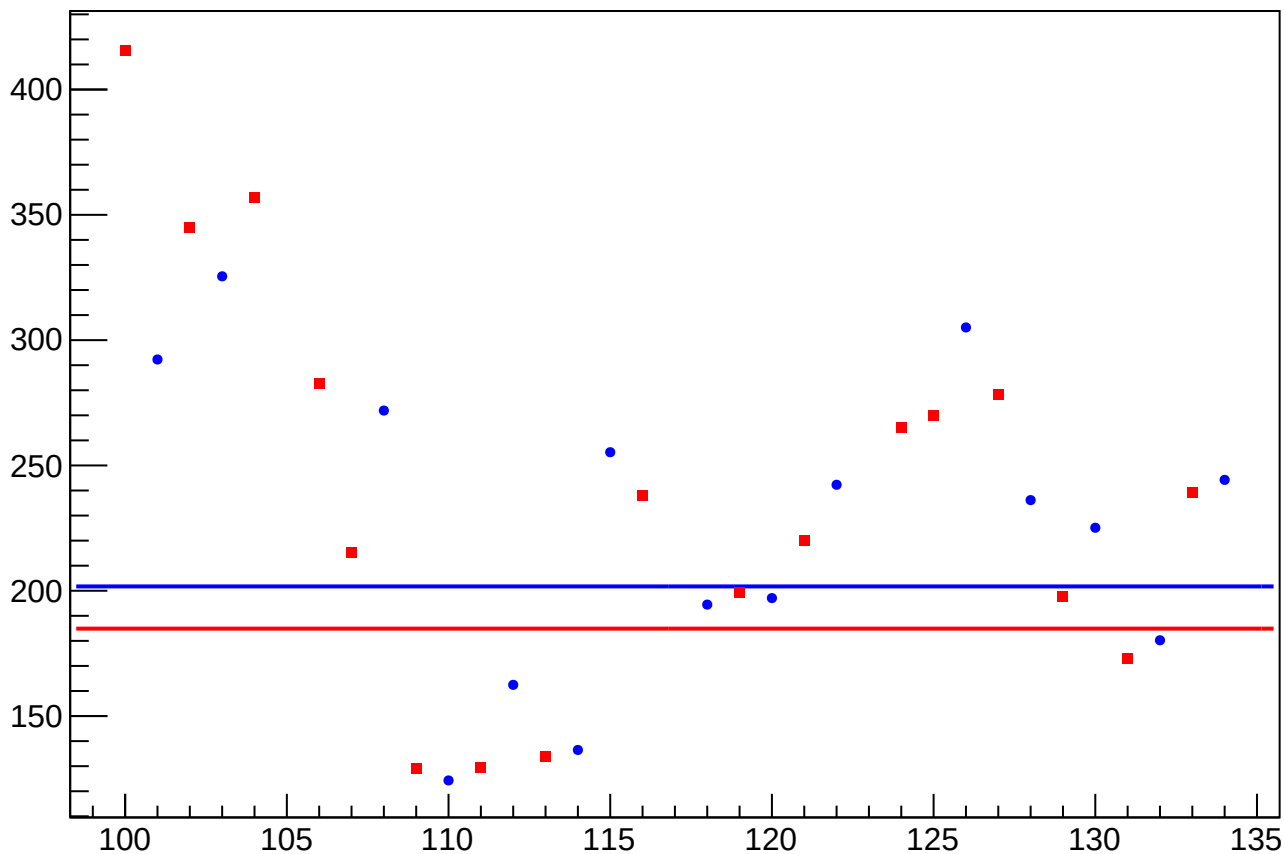
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 584.529+/-56.893 χ^2/NDF : 971.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l09WS_rms vs Slug



Right In: 201.729 $\pm$ 0.060 χ^2 /NDF: 924209.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 184.888 $\pm$ 0.054 χ^2 /NDF: 1399672.0/16

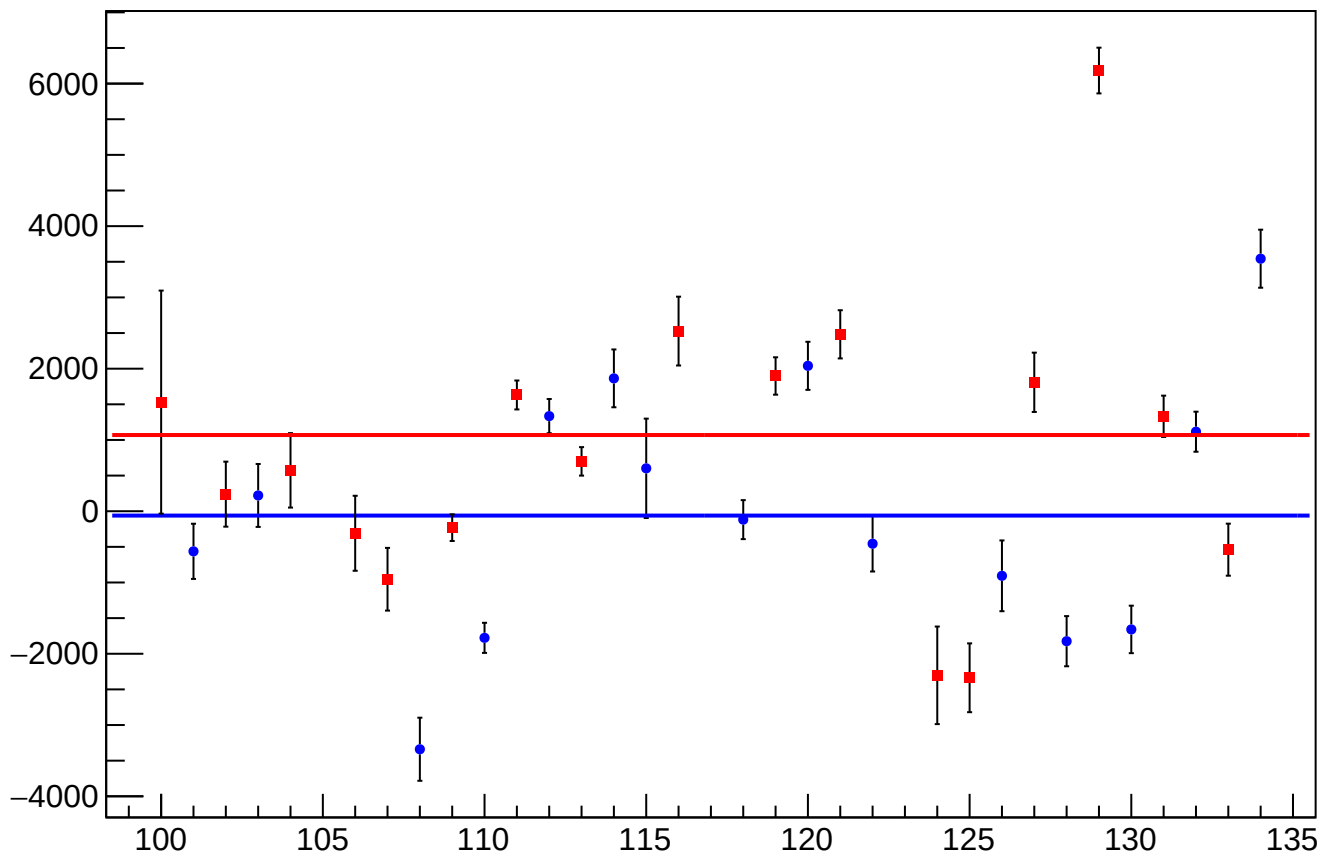
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 192.452 $\pm$ 0.040 χ^2 /NDF: 2367239.5/31

- sign 0.000 $\pm$ 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: 1069.076 ± 77.968 χ^2/NDF : 479.8/16

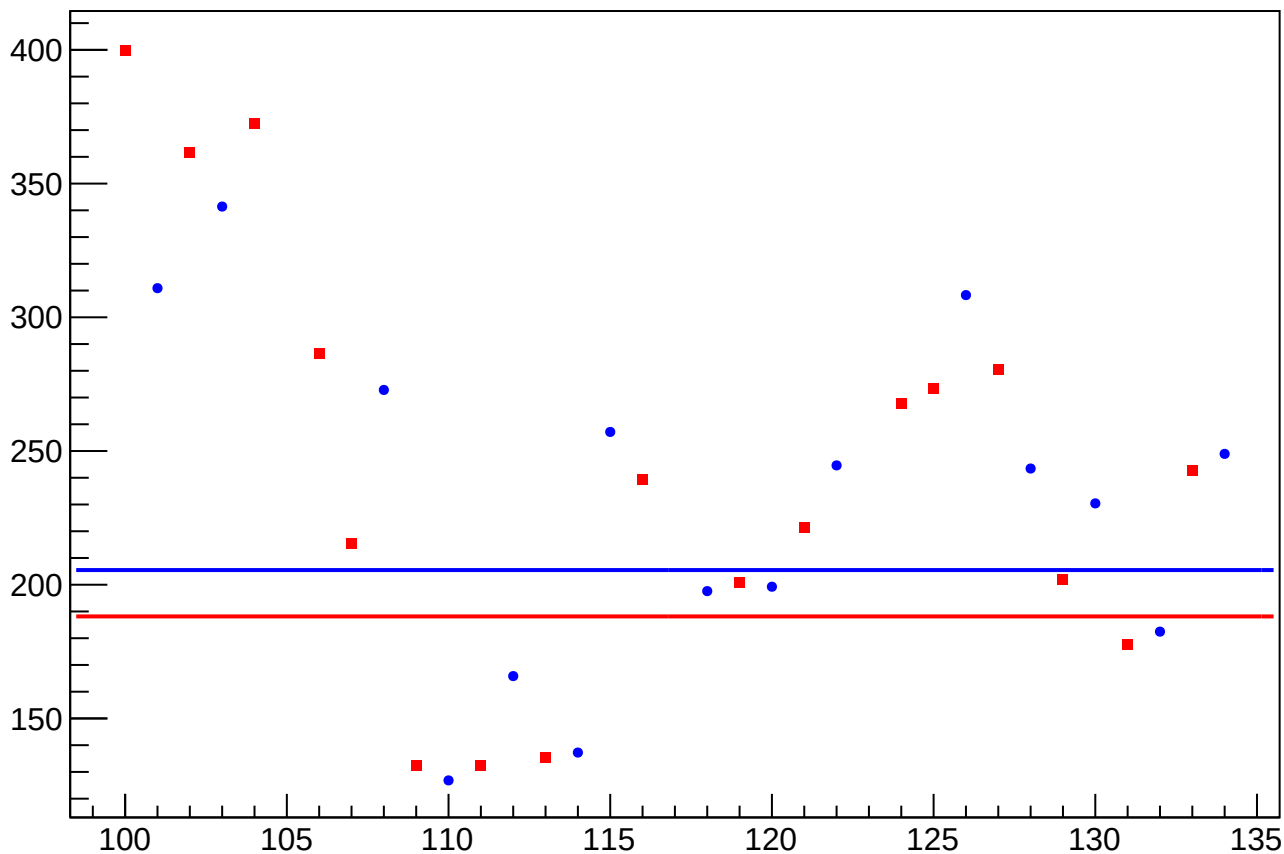
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 562.874 ± 57.936 χ^2/NDF : 940.9/31

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

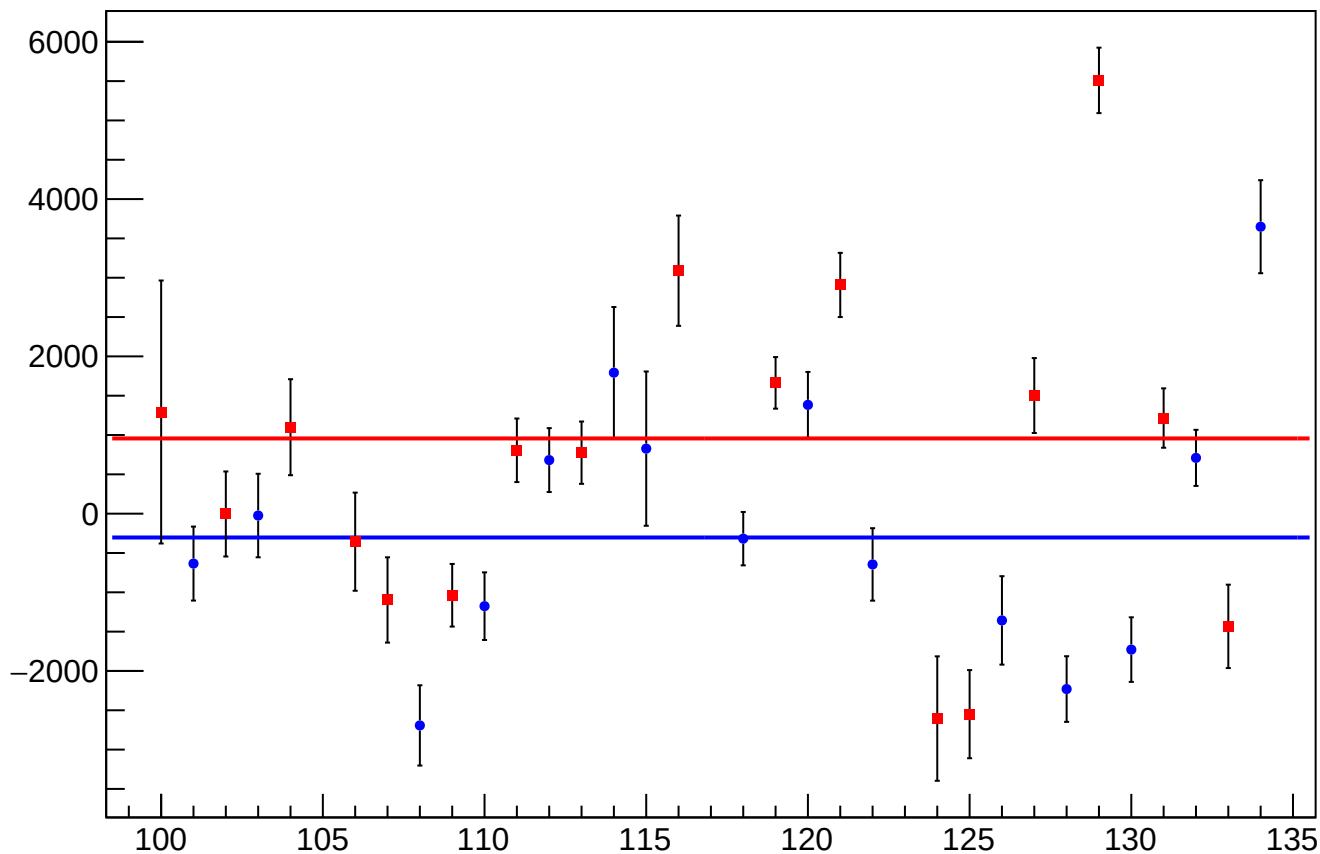
Right Out: 188.149+/-0.055 χ^2/NDF : 1406963.4/16

All: 195.912+/-0.041 χ^2/NDF : 2413931.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_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: 956.397+/-116.169 χ^2/NDF : 285.4/16

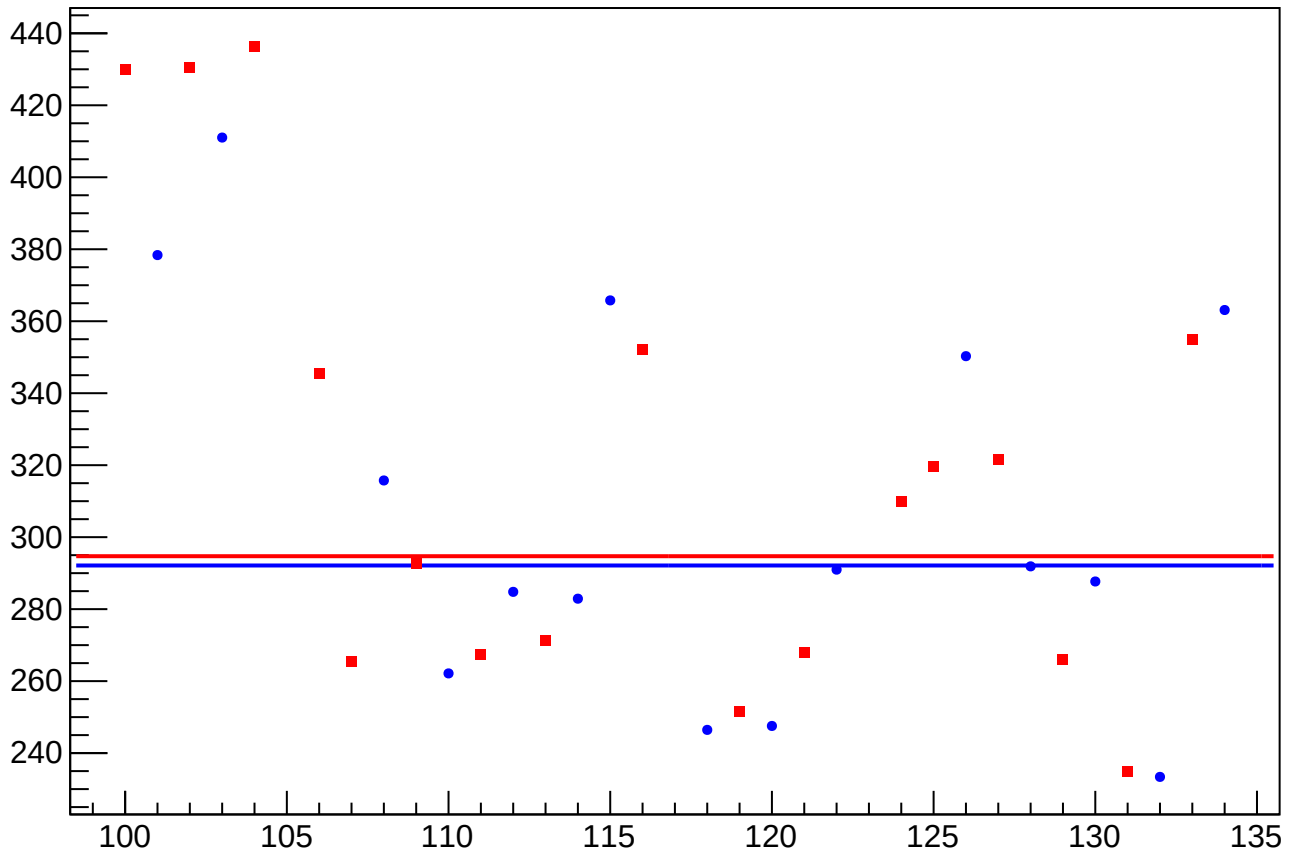
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.412+/-83.161 χ^2/NDF : 489.4/31

- 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: 294.710+/-0.082 χ^2/NDF : 435327.9/16

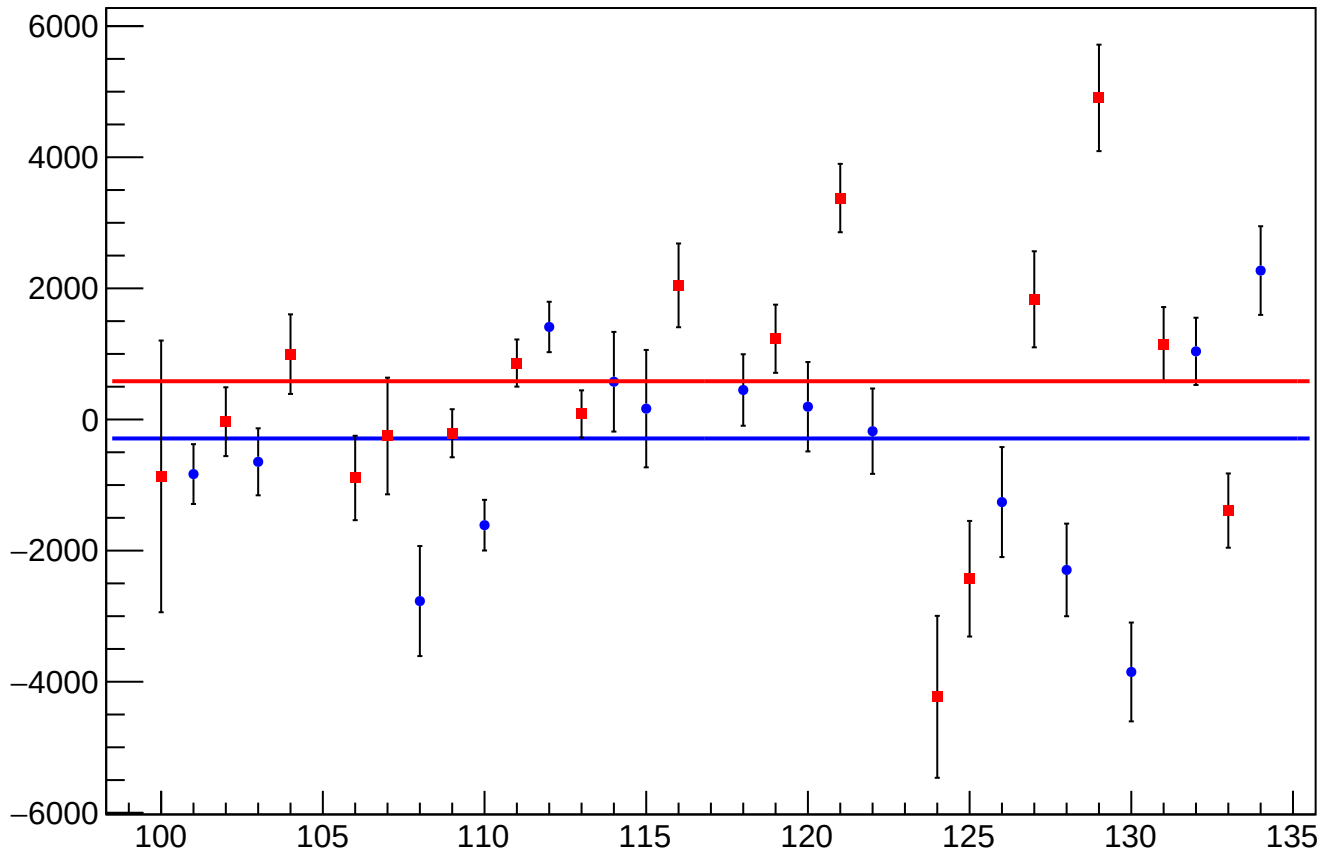
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 293.452+/-0.059 χ^2/NDF : 793086.7/31

- 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: 583.515+/-135.512 χ^2/NDF : 122.4/16

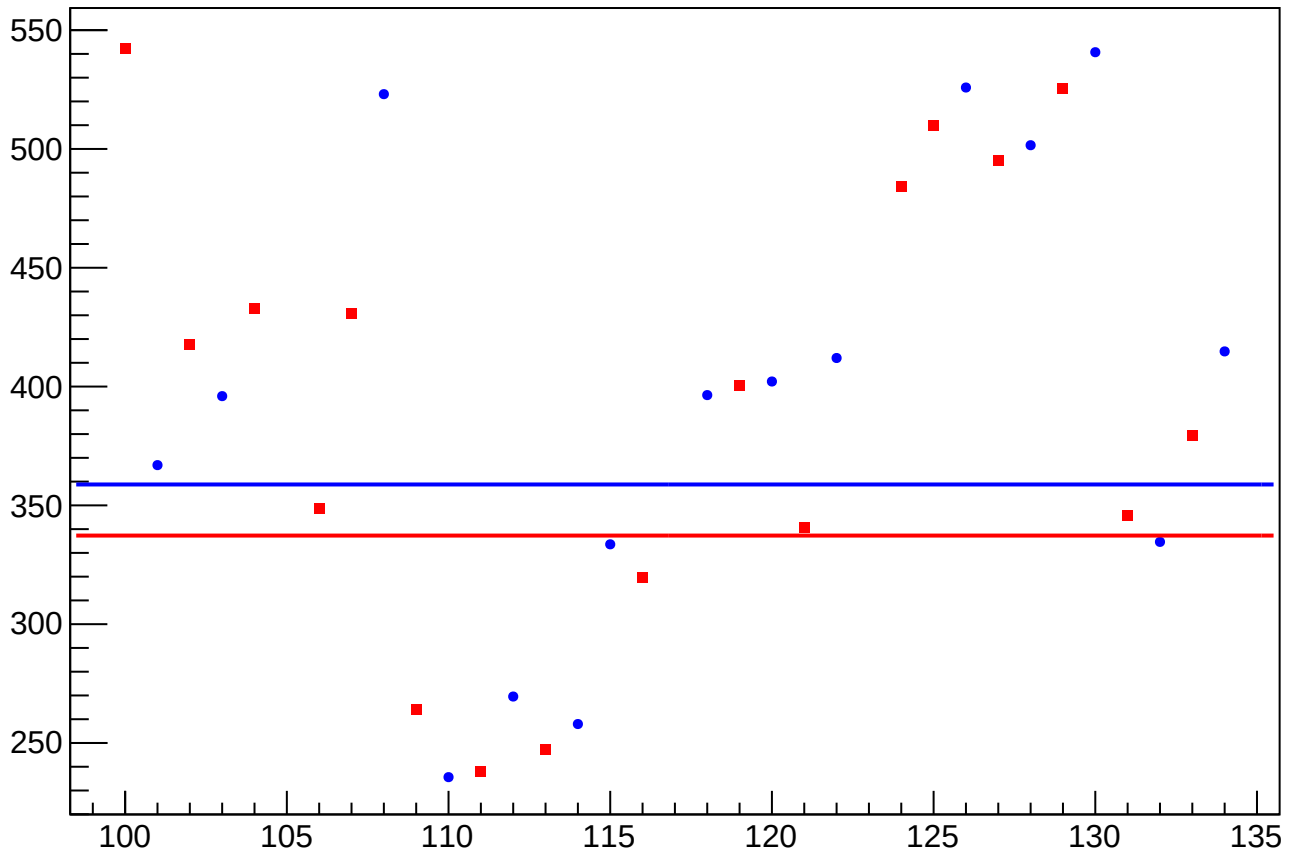
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.963+/-100.001 χ^2/NDF : 239.9/31

- 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: 337.291+/-0.096 χ^2/NDF : 843221.5/16

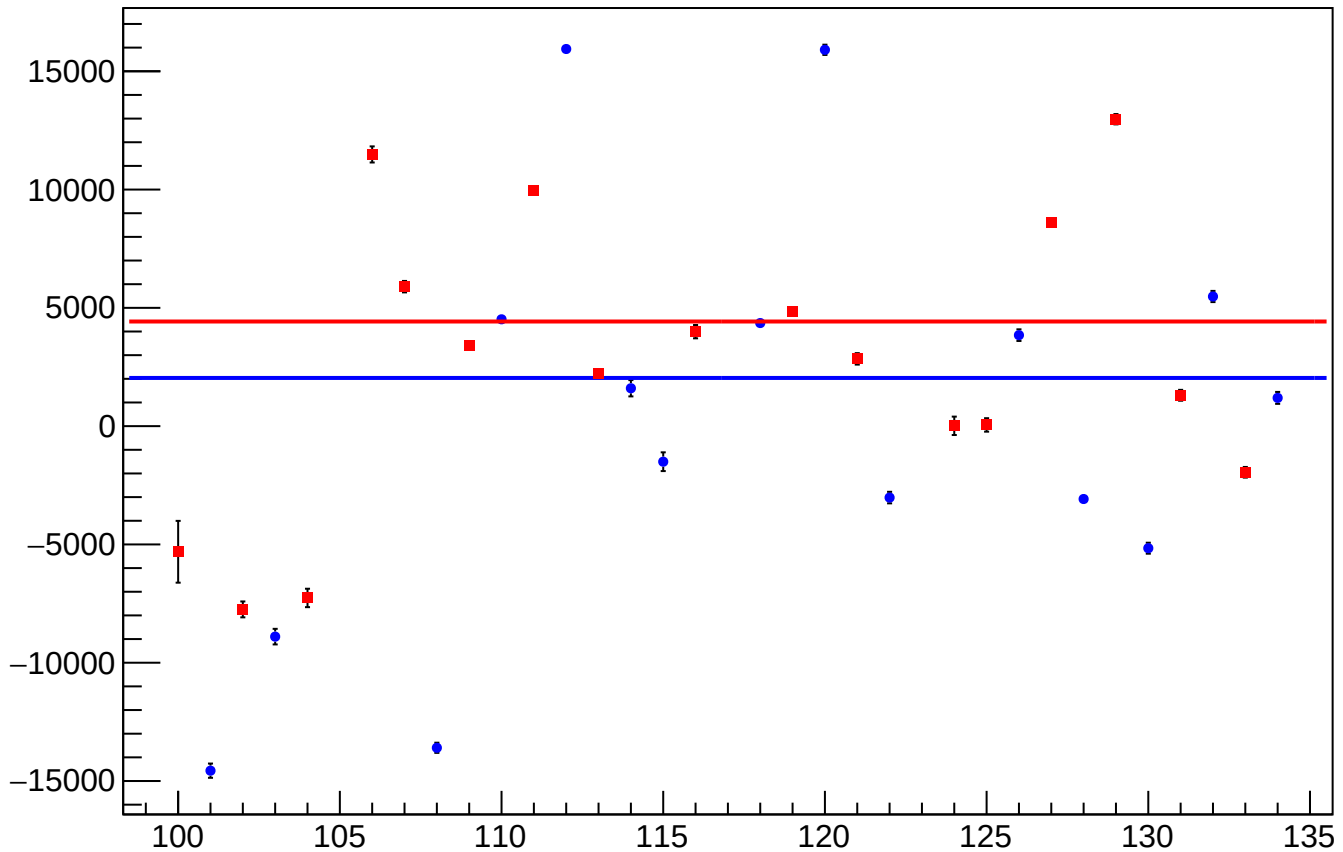
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 347.084+/-0.071 χ^2/NDF : 1628358.9/31

- 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: 4423.001+/-55.480 χ^2/NDF : 7575.5/16

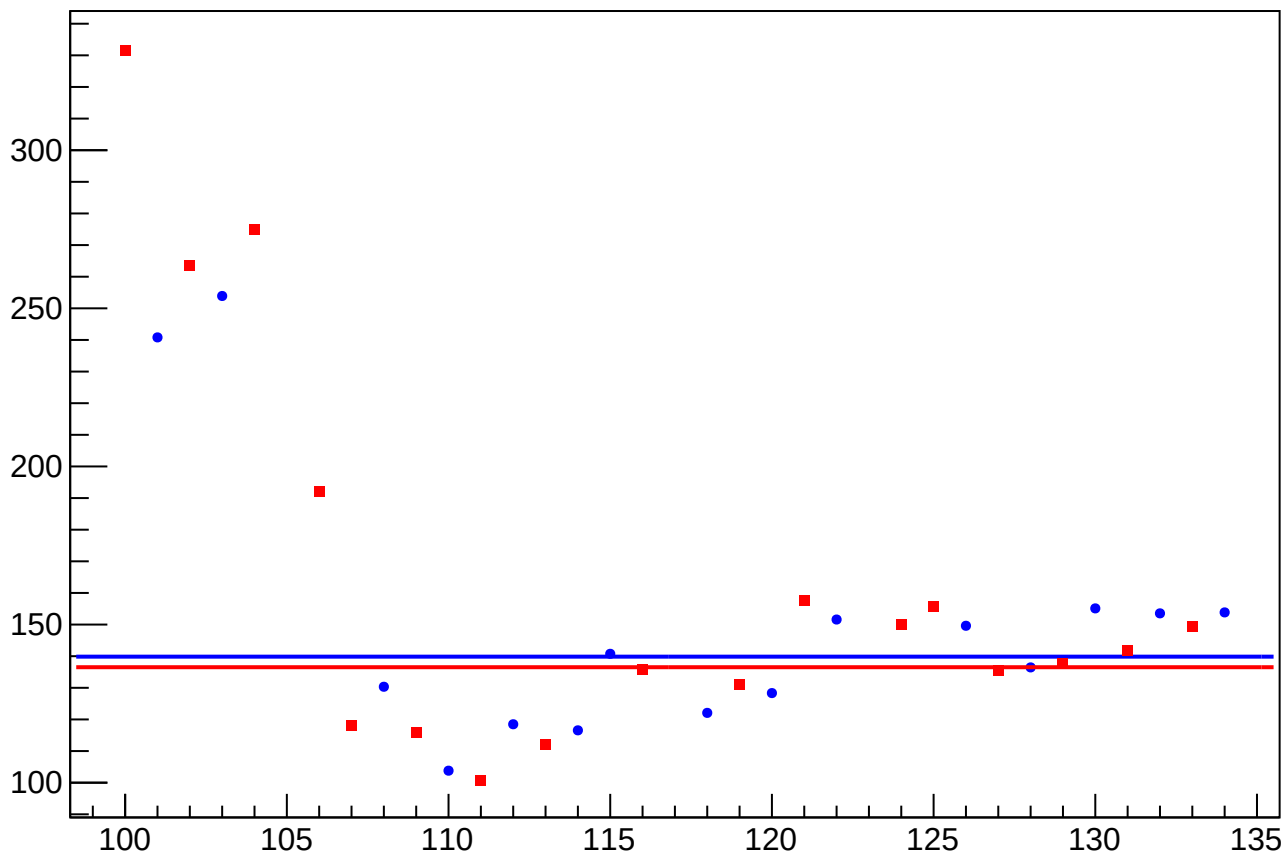
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3295.180+/-40.286 χ^2/NDF : 31198.4/31

- 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: 136.513+/-0.039 χ^2/NDF : 866000.9/16

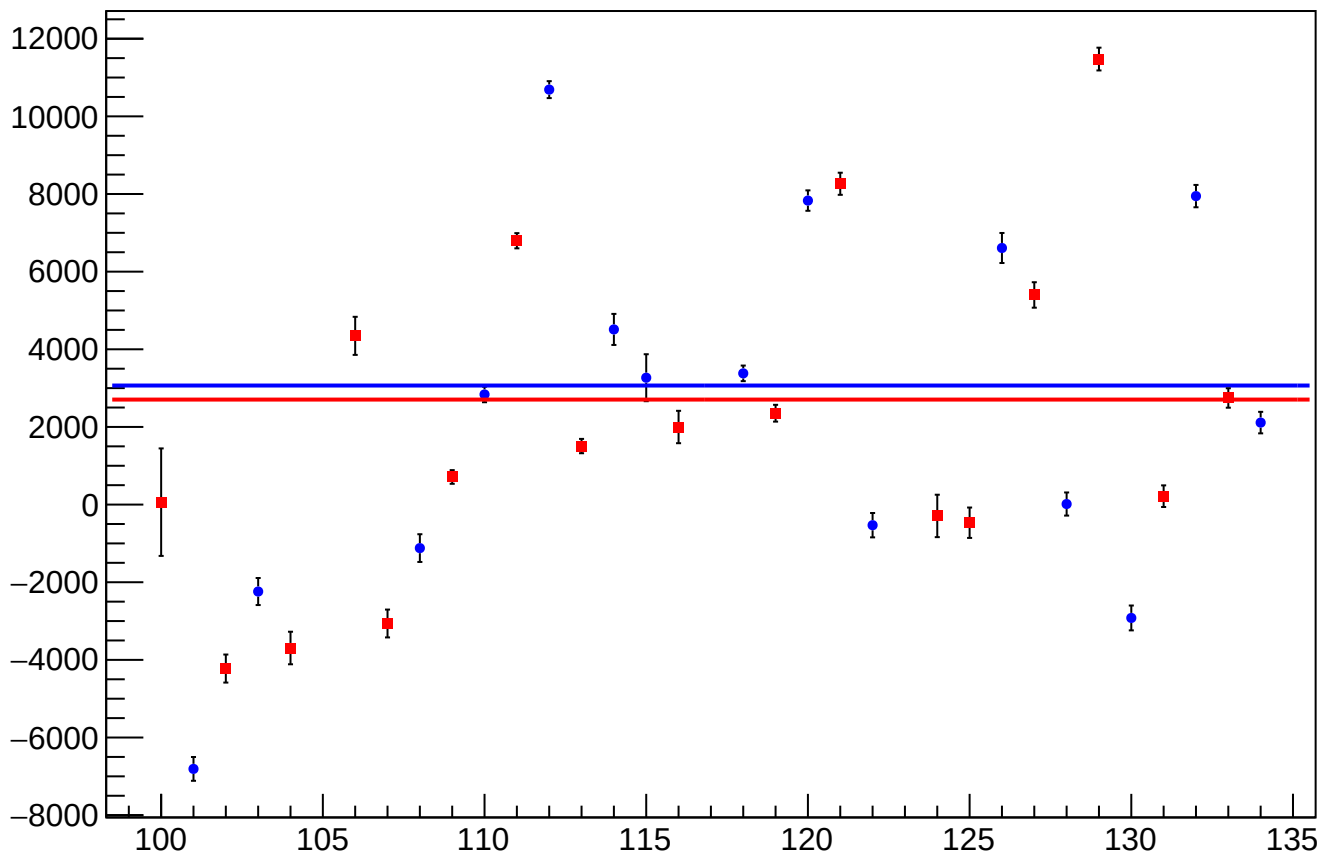
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.093+/-0.028 χ^2/NDF : 1521958.0/31

- 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: 2704.904+/-68.598 χ^2/NDF : 3004.2/16

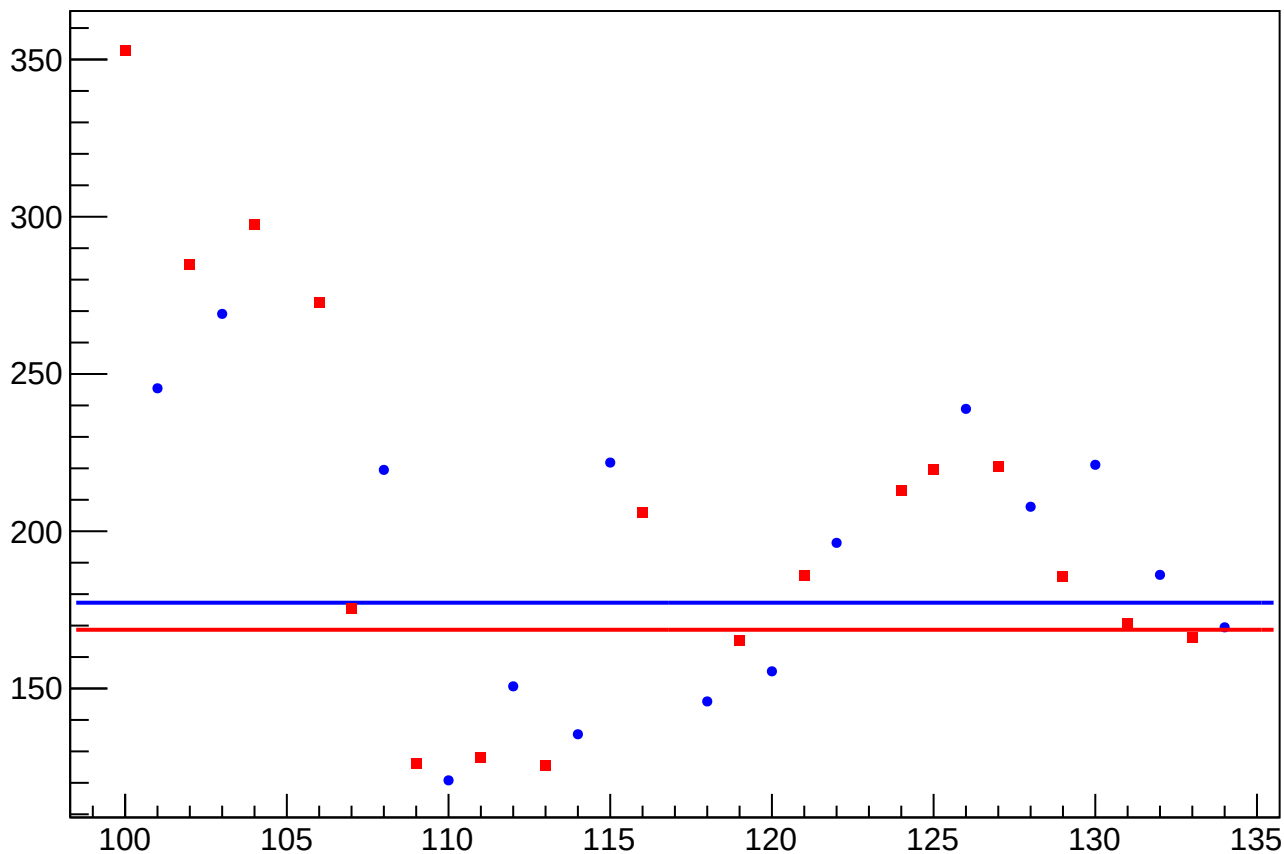
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2872.702+/-50.232 χ^2/NDF : 6959.9/31

- 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: 168.672 $\pm$ 0.049 χ^2 /NDF: 963388.2/16

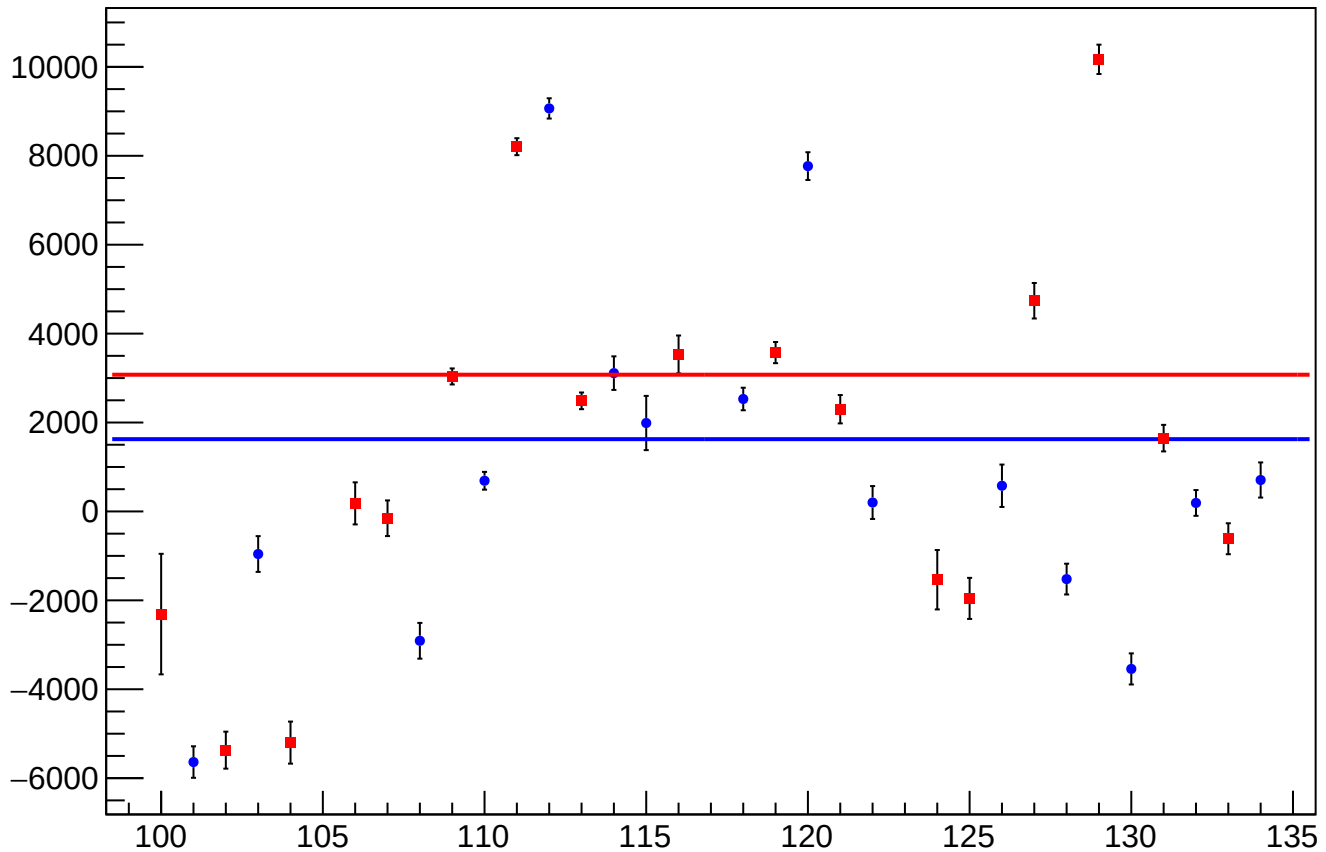
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 172.662 $\pm$ 0.036 χ^2 /NDF: 1647587.9/31

- 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: 3075.662 $\pm$ 73.953 χ^2 /NDF: 2360.5/16

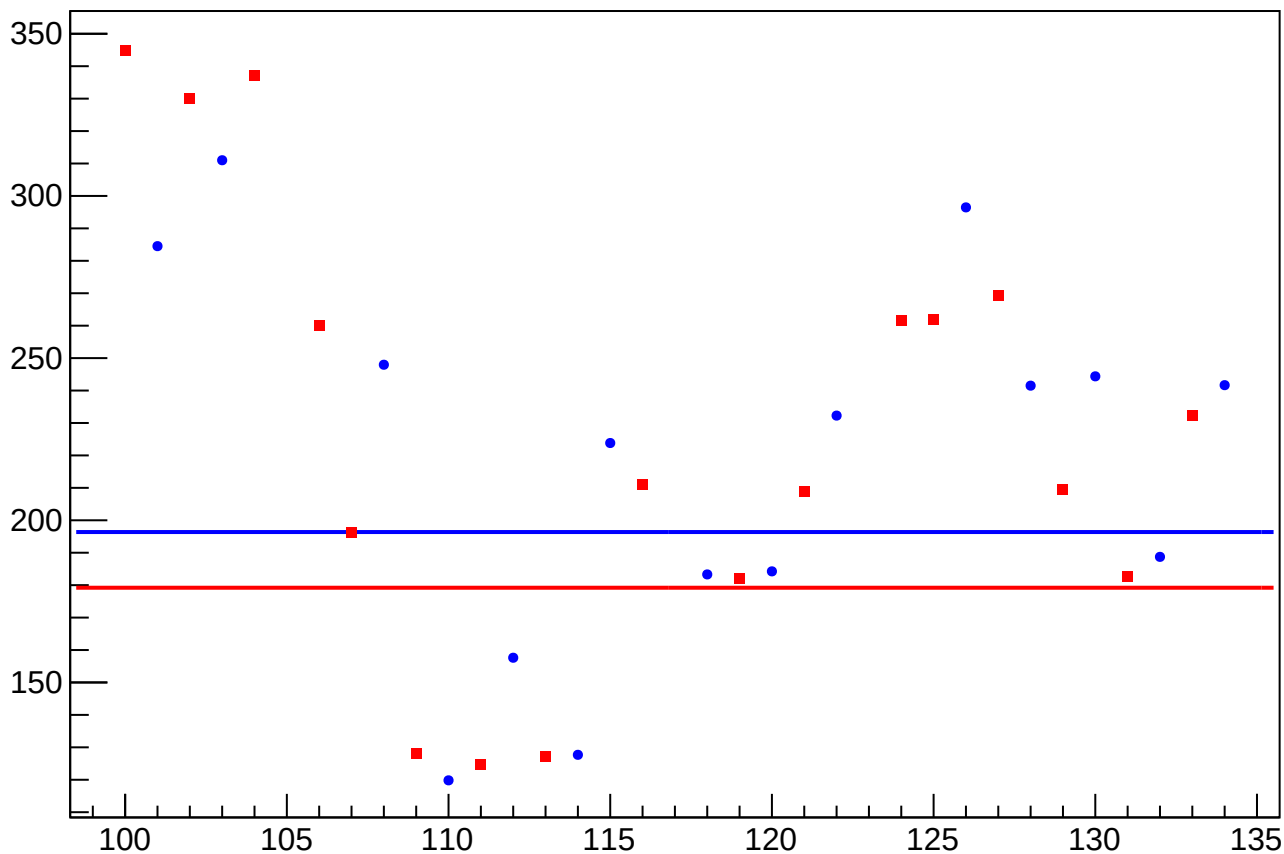
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2430.285 $\pm$ 55.088 χ^2 /NDF: 4974.5/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i05WS_rms vs Slug



Right In: 196.376 $\pm$ 0.058 χ^2 /NDF: 955487.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 179.207 $\pm$ 0.052 χ^2 /NDF: 1344311.1/16

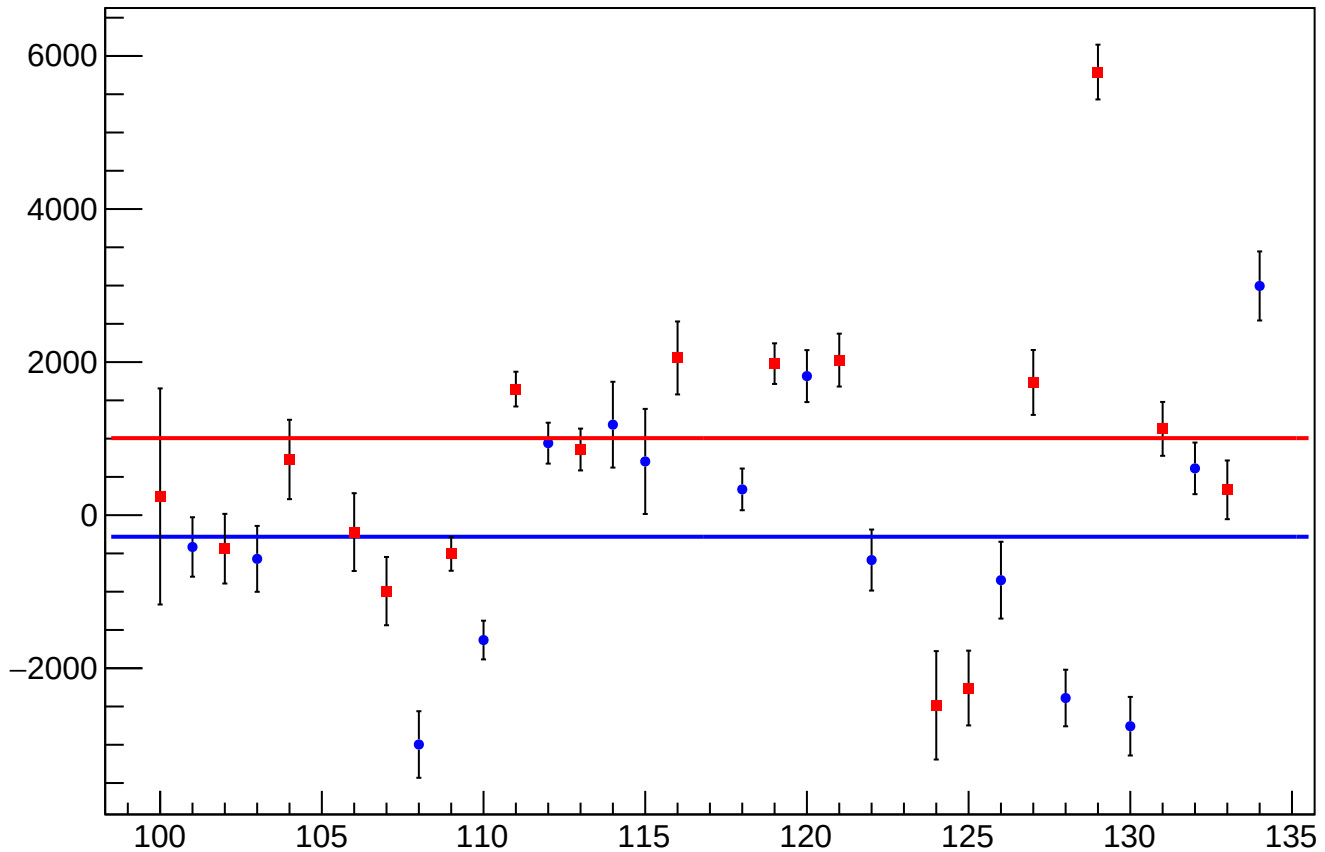
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 186.849 $\pm$ 0.039 χ^2 /NDF: 2347784.2/31

- sign 0.000 $\pm$ 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: 1006.486+/-86.765 χ^2/NDF : 373.2/16

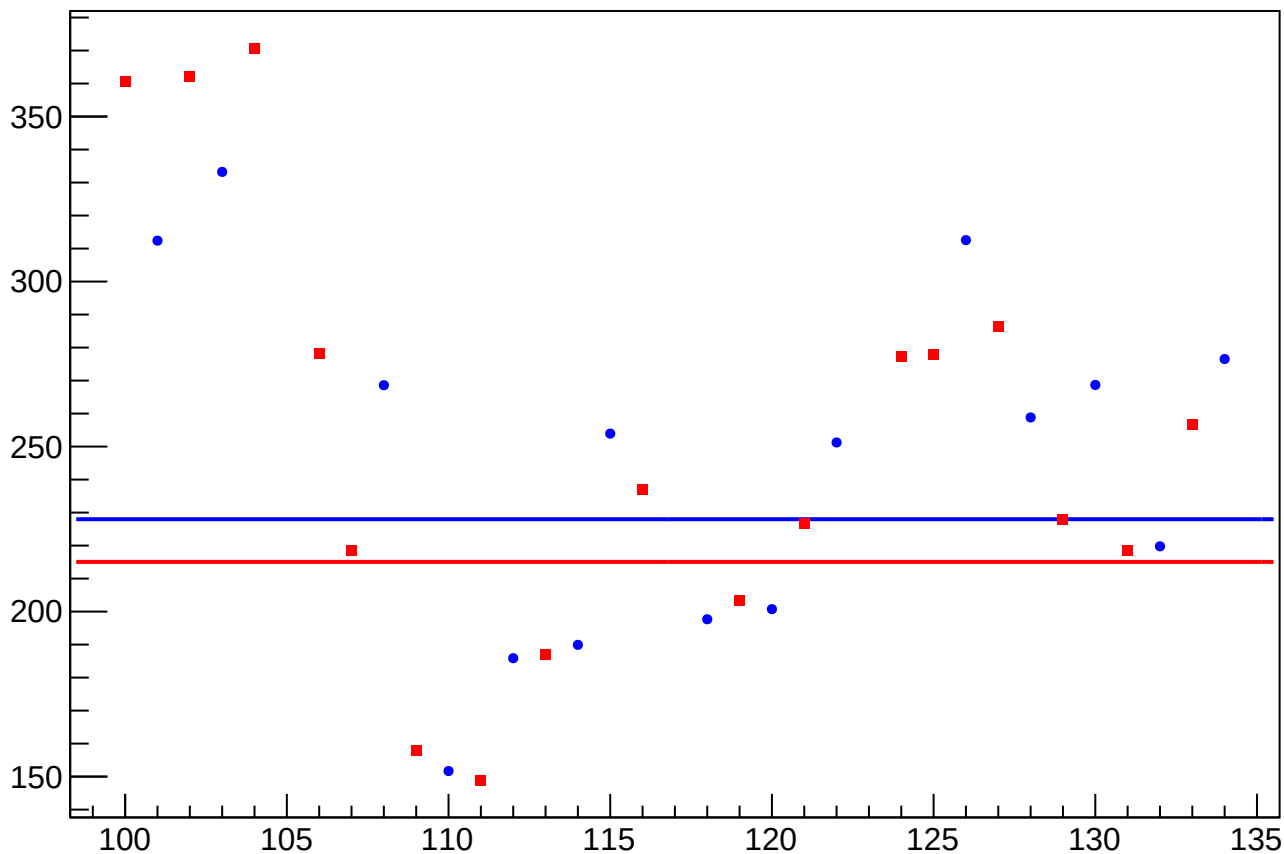
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 415.636+/-63.844 χ^2/NDF : 751.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i07WS_rms vs Slug



Right In: 227.989 $\pm$ 0.067 χ^2 /NDF: 637290.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 215.056 $\pm$ 0.061 χ^2 /NDF: 907898.2/16

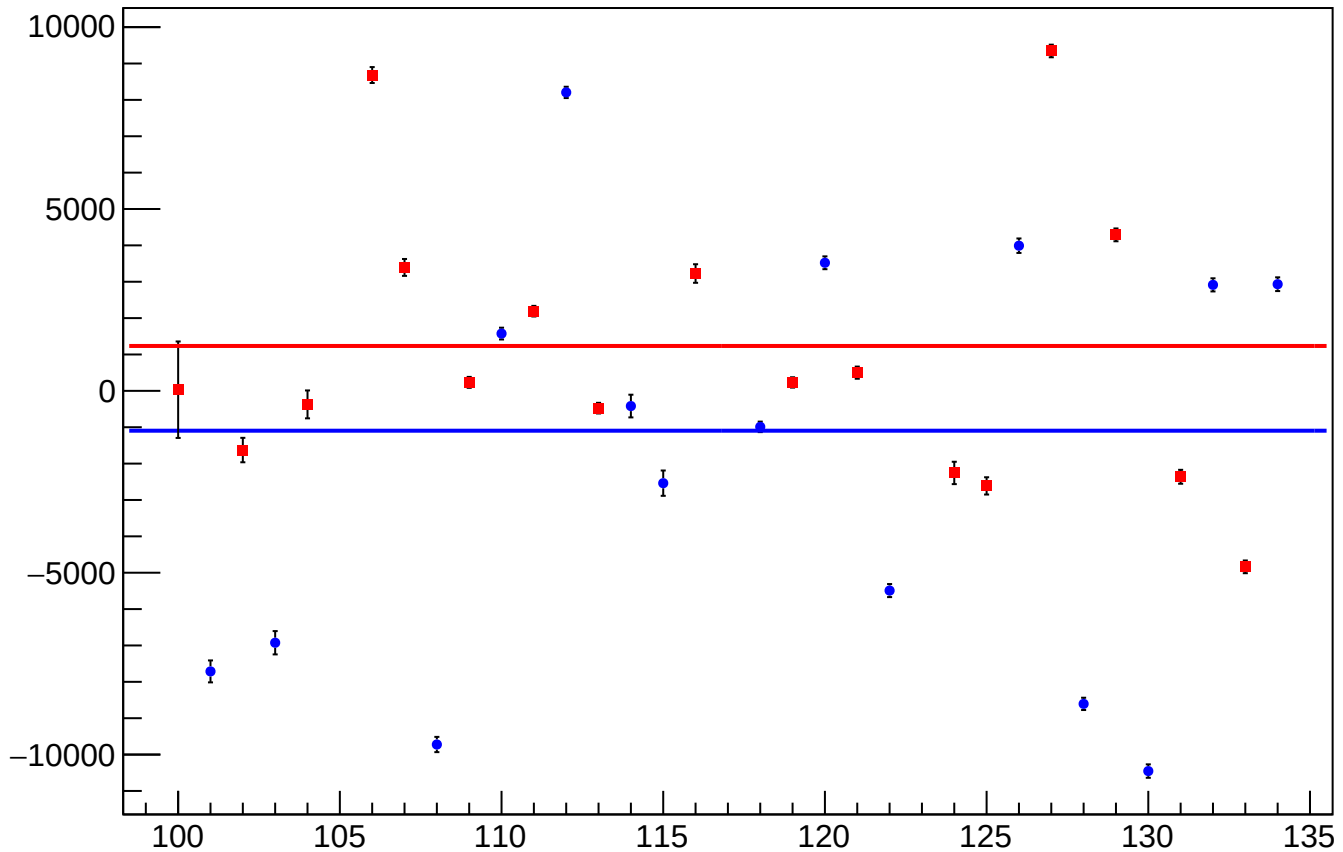
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 220.986 $\pm$ 0.045 χ^2 /NDF: 1565563.7/31

- sign 0.000 $\pm$ 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: 1234.268 ± 47.236 χ^2/NDF : 6128.8/16

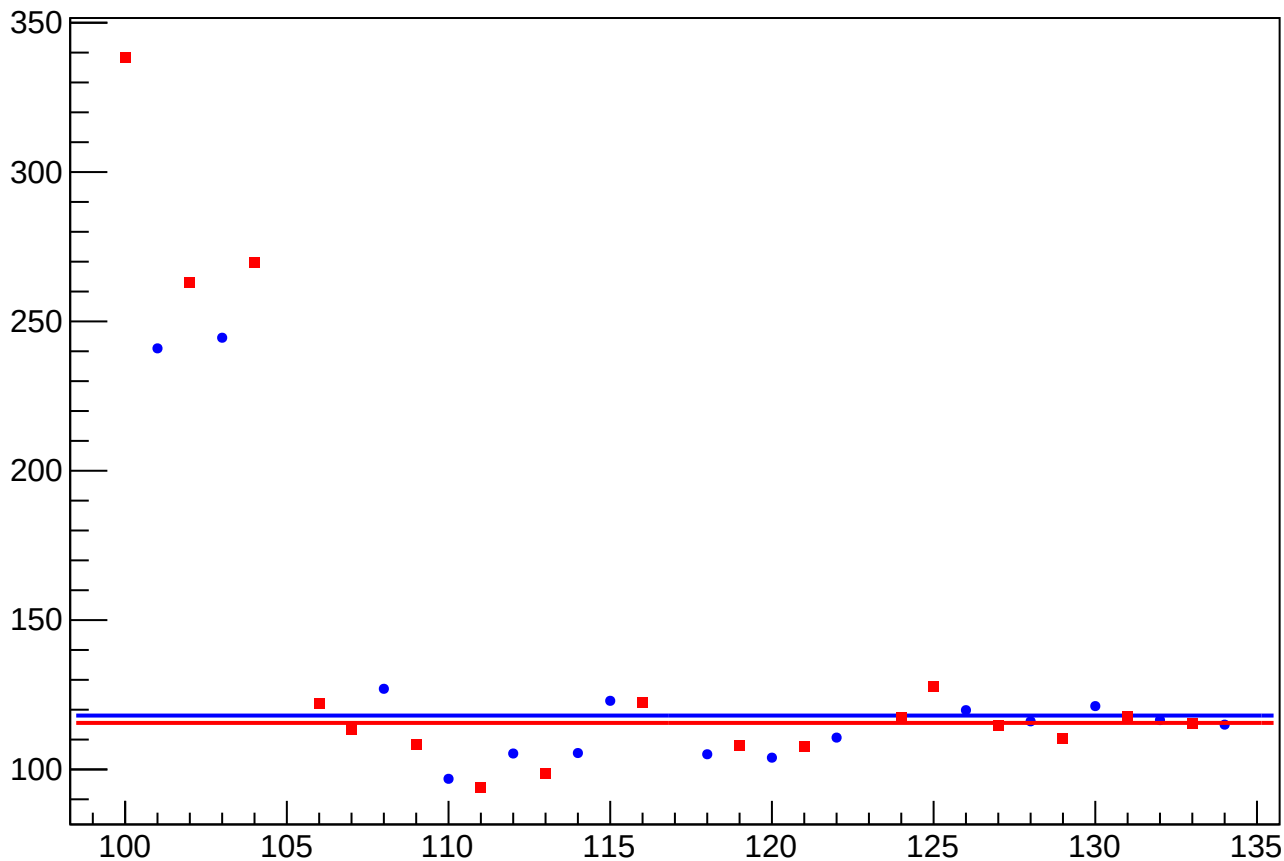
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 134.182 ± 34.318 χ^2/NDF : 21077.1/31

- 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: 115.577 $\pm$ 0.033 χ^2 /NDF: 862458.2/16

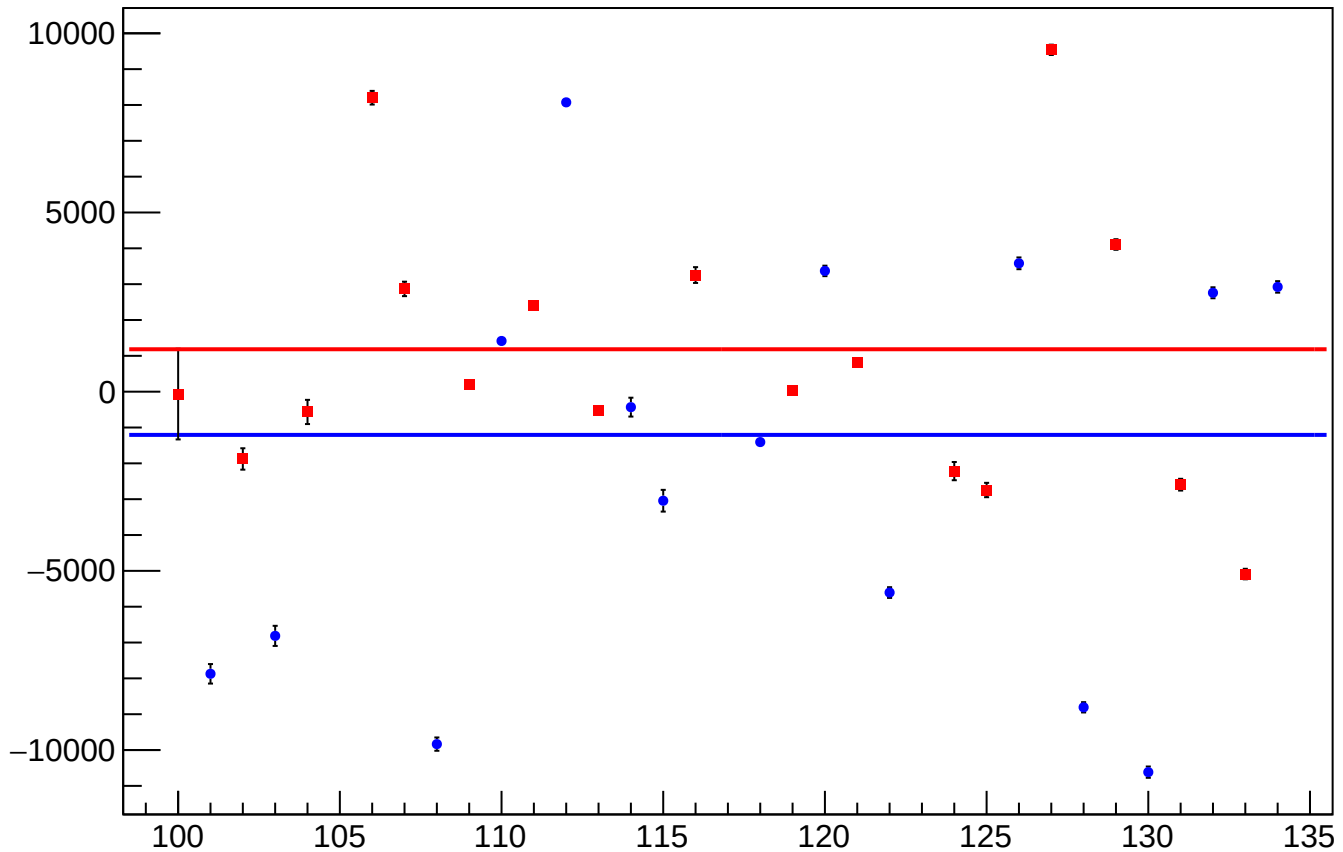
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 116.740 $\pm$ 0.024 χ^2 /NDF: 1597198.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm1i04WS_mean vs Slug



Right In: -1205.953 ± 42.388 $\chi^2/\text{NDF}: 18798.2/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1183.658 ± 40.089 $\chi^2/\text{NDF}: 8796.5/16$

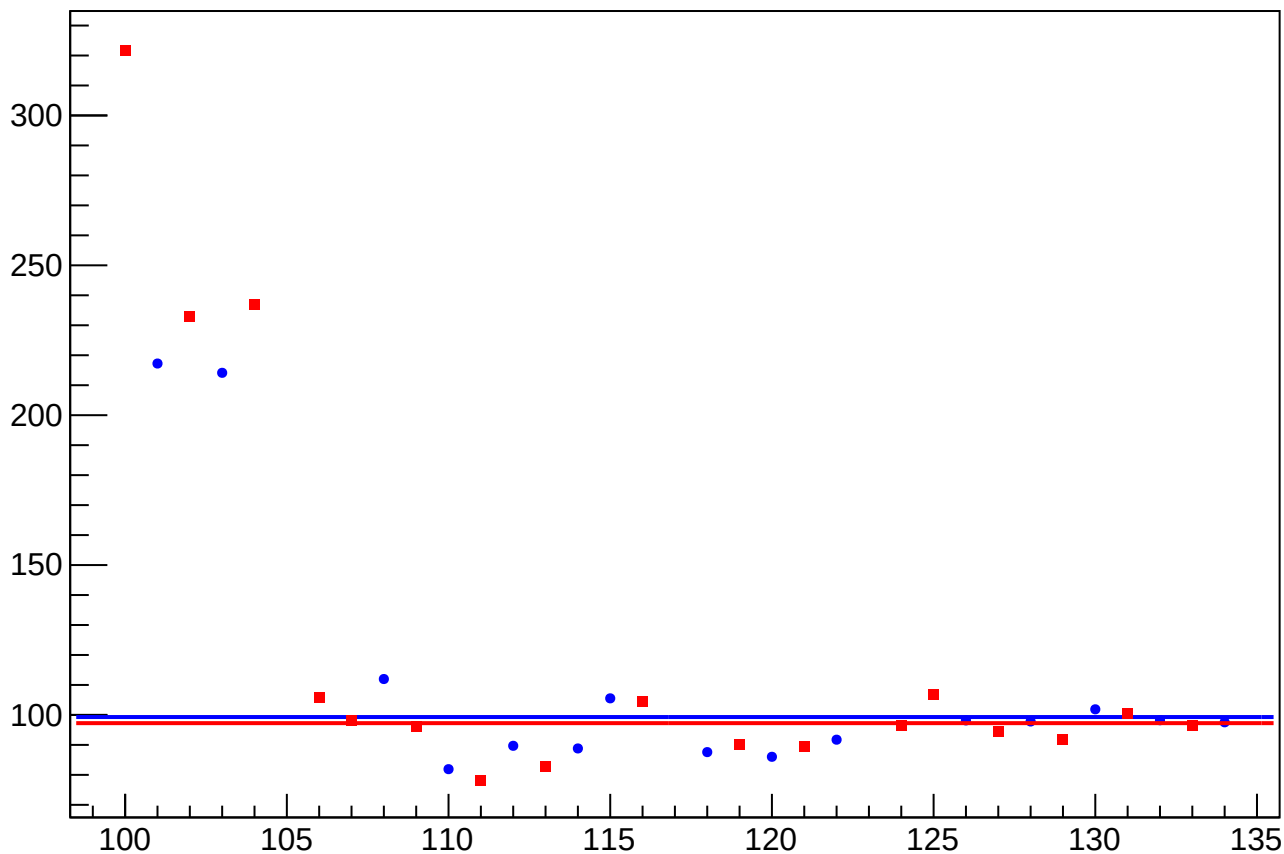
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 55.408 ± 29.126 $\chi^2/\text{NDF}: 29272.4/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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: 97.256+/-0.028 χ^2/NDF : 924292.5/16

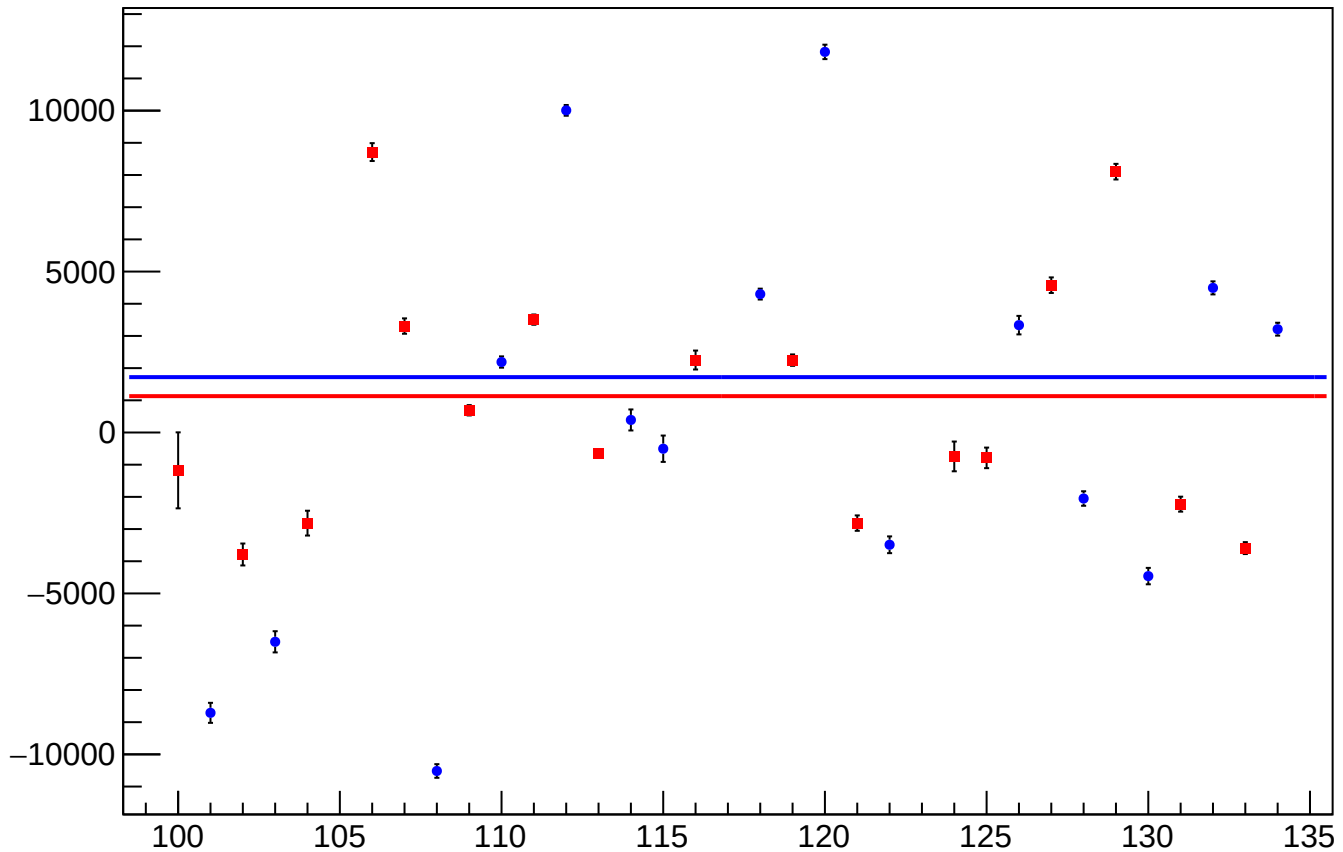
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.218+/-0.021 χ^2/NDF : 1733842.2/31

- 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: 1129.470+/-55.682 χ^2/NDF : 3771.8/16

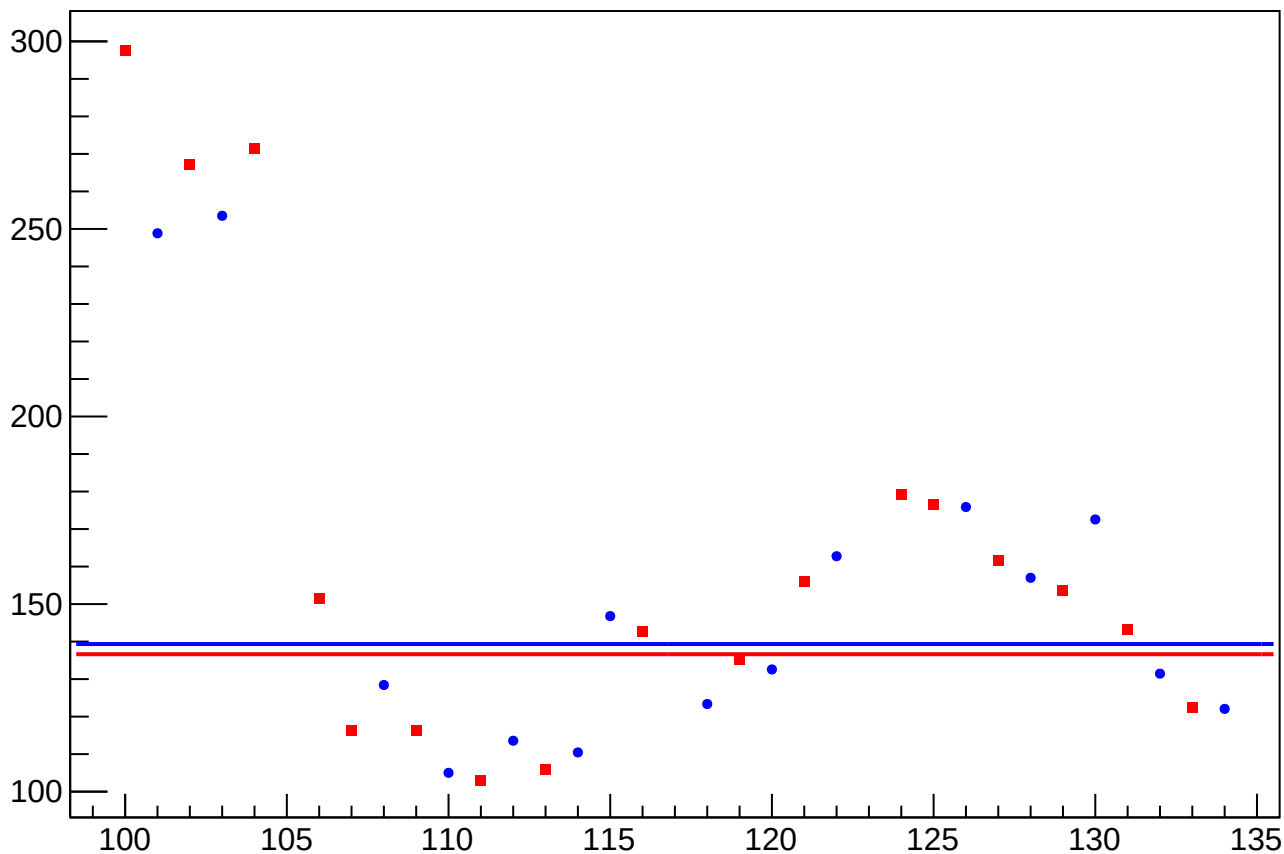
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1410.014+/-40.352 χ^2/NDF : 15232.2/31

- 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: 136.636+/-0.039 χ^2/NDF : 898953.9/16

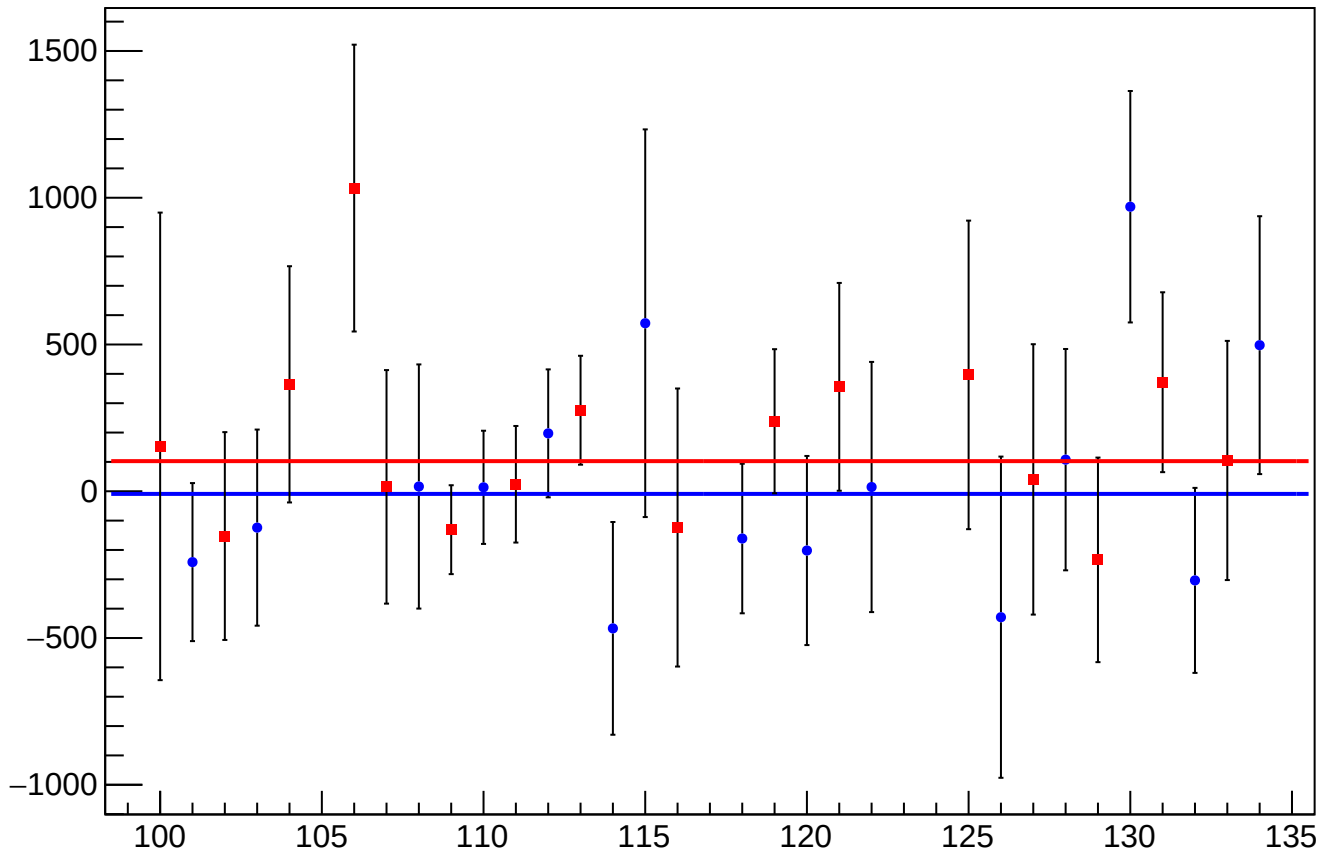
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.924+/-0.029 χ^2/NDF : 1667254.8/31

- 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: 102.631+/-73.219 χ^2/NDF : 11.1/15

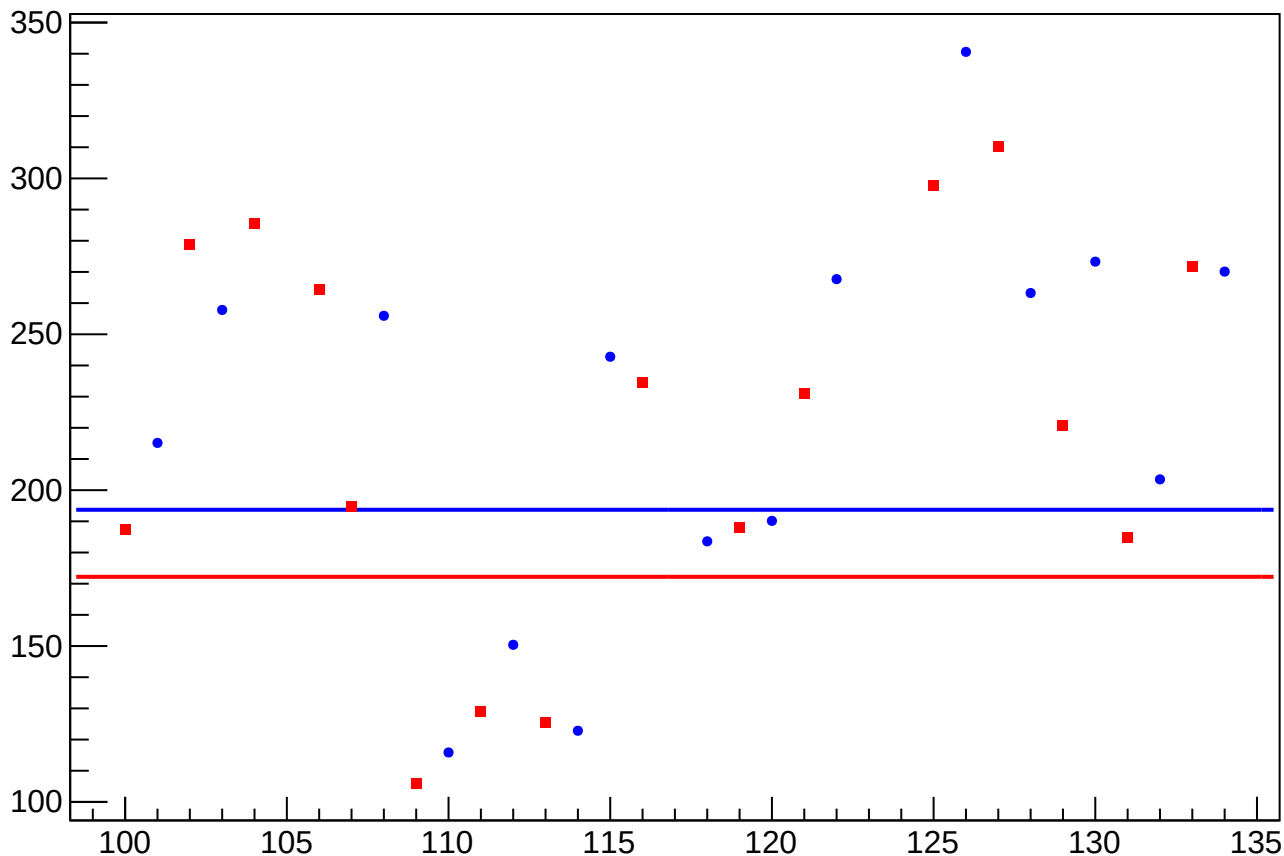
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.056+/-54.594 χ^2/NDF : 26.1/30

- 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: 172.205+/-0.052 χ^2/NDF : 1576987.1/15

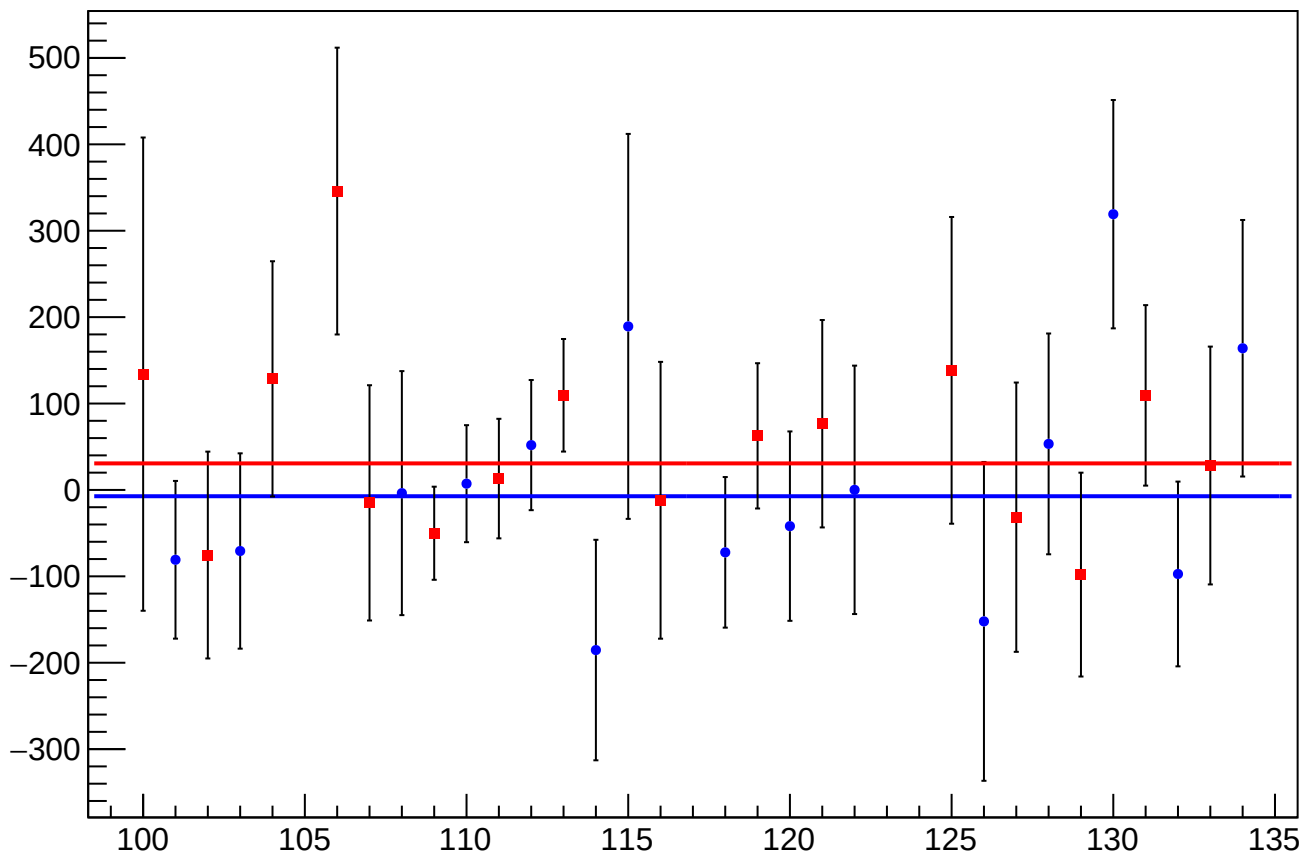
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.755+/-0.039 χ^2/NDF : 2696984.4/30

- 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: 30.716+/-25.357 χ^2/NDF : 11.6/15

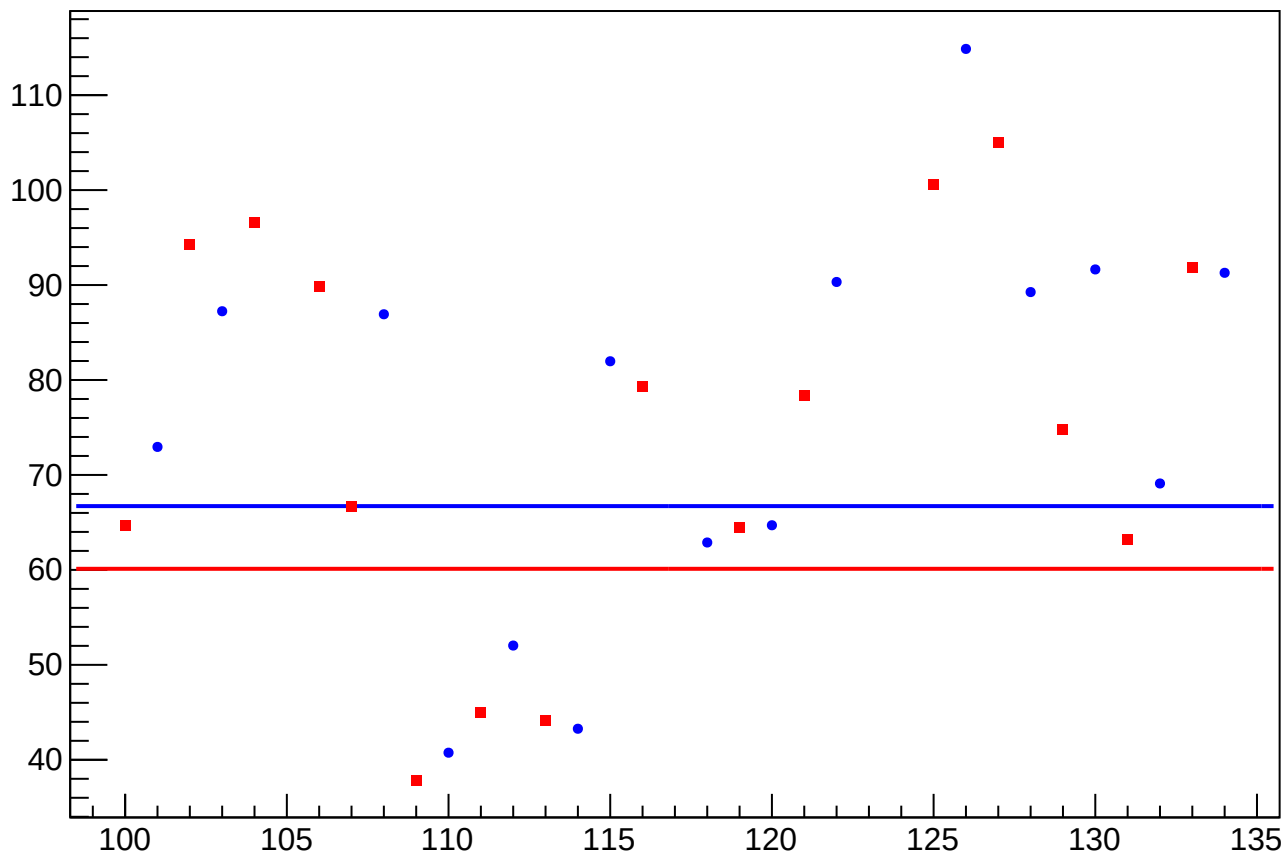
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.643+/-18.819 χ^2/NDF : 26.6/30

- 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: 60.115 $\pm$ 0.018 χ^2 /NDF: 1424035.8/15

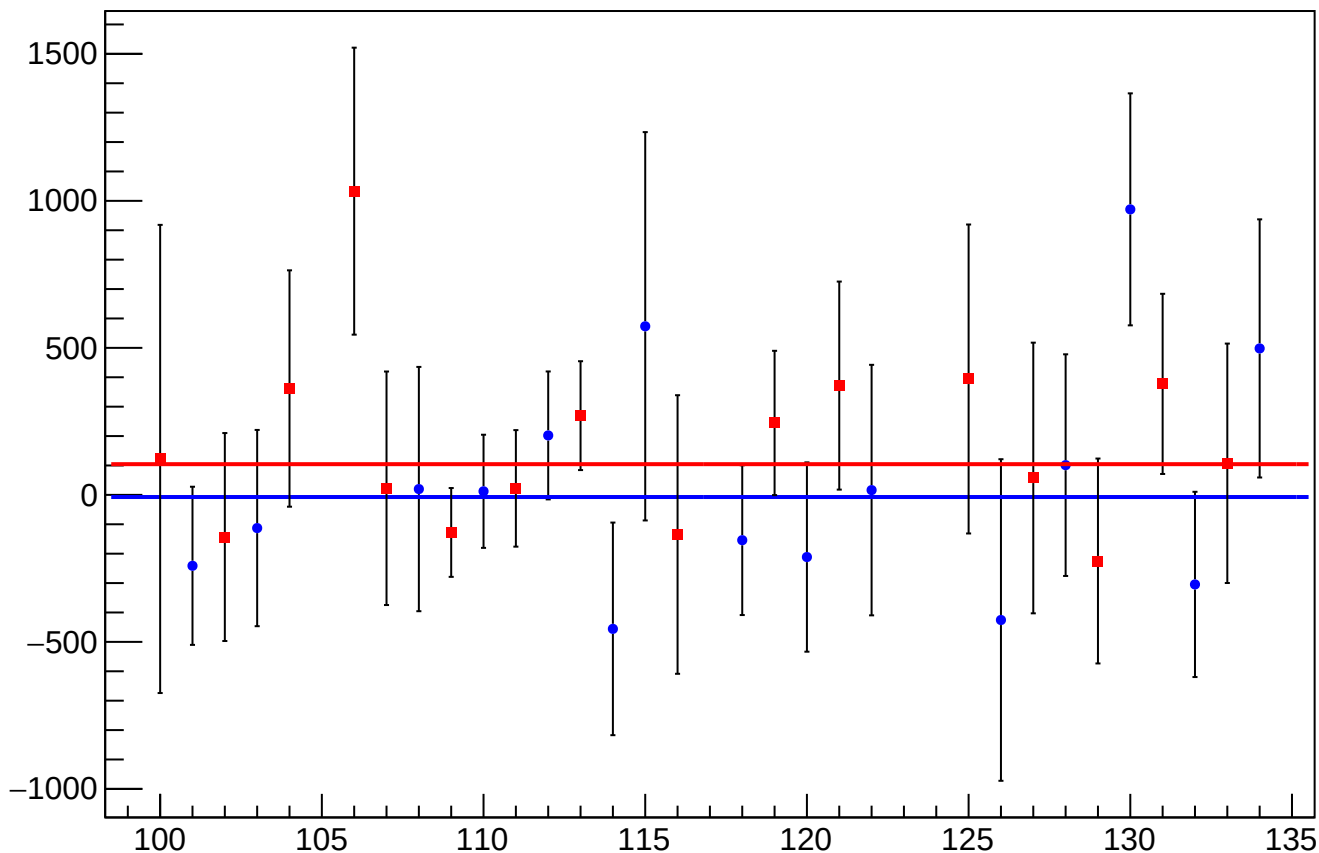
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 63.081 $\pm$ 0.013 χ^2 /NDF: 2431993.6/30

- 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: 104.433+/-73.113 χ^2/NDF : 11.0/15

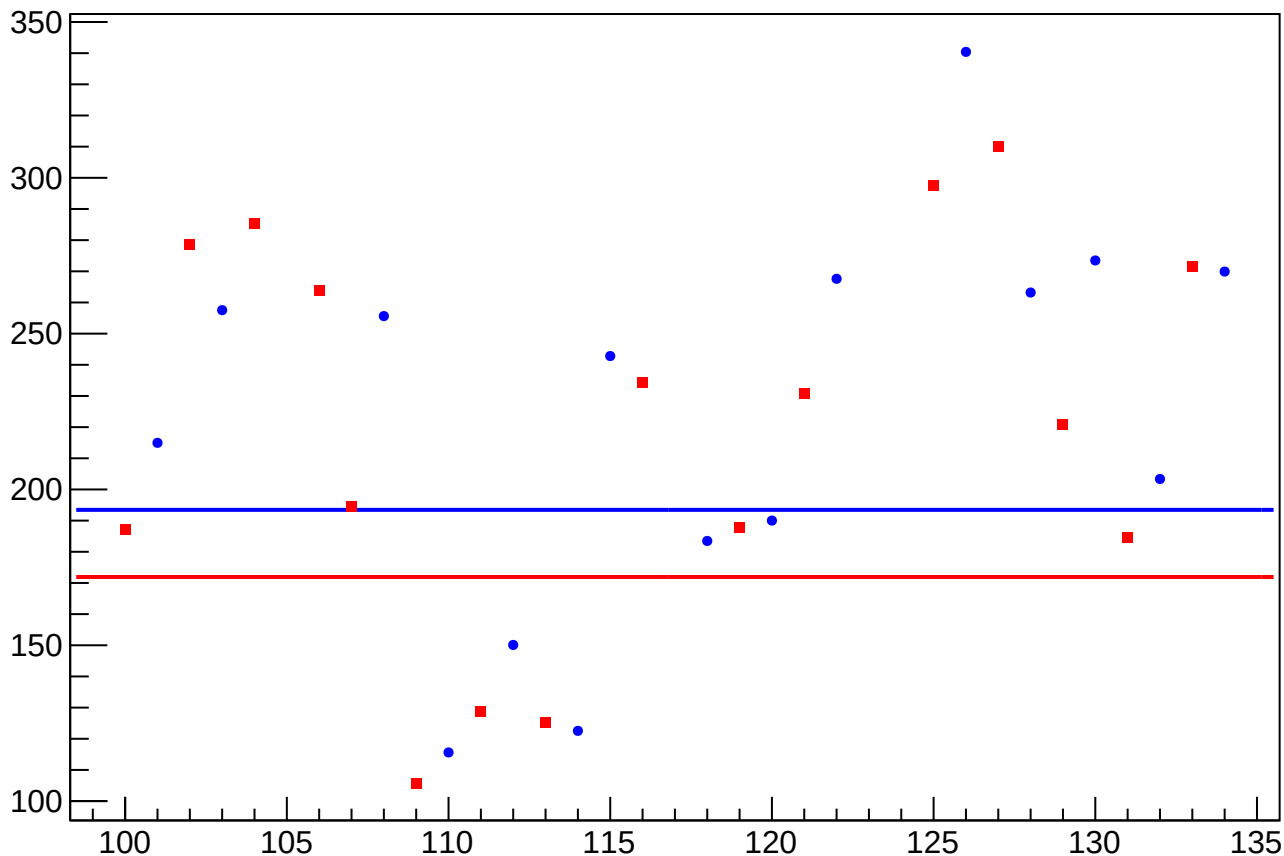
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.836+/-54.522 χ^2/NDF : 26.0/30

- 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: 171.910+/-0.052 χ^2/NDF : 1582577.8/15

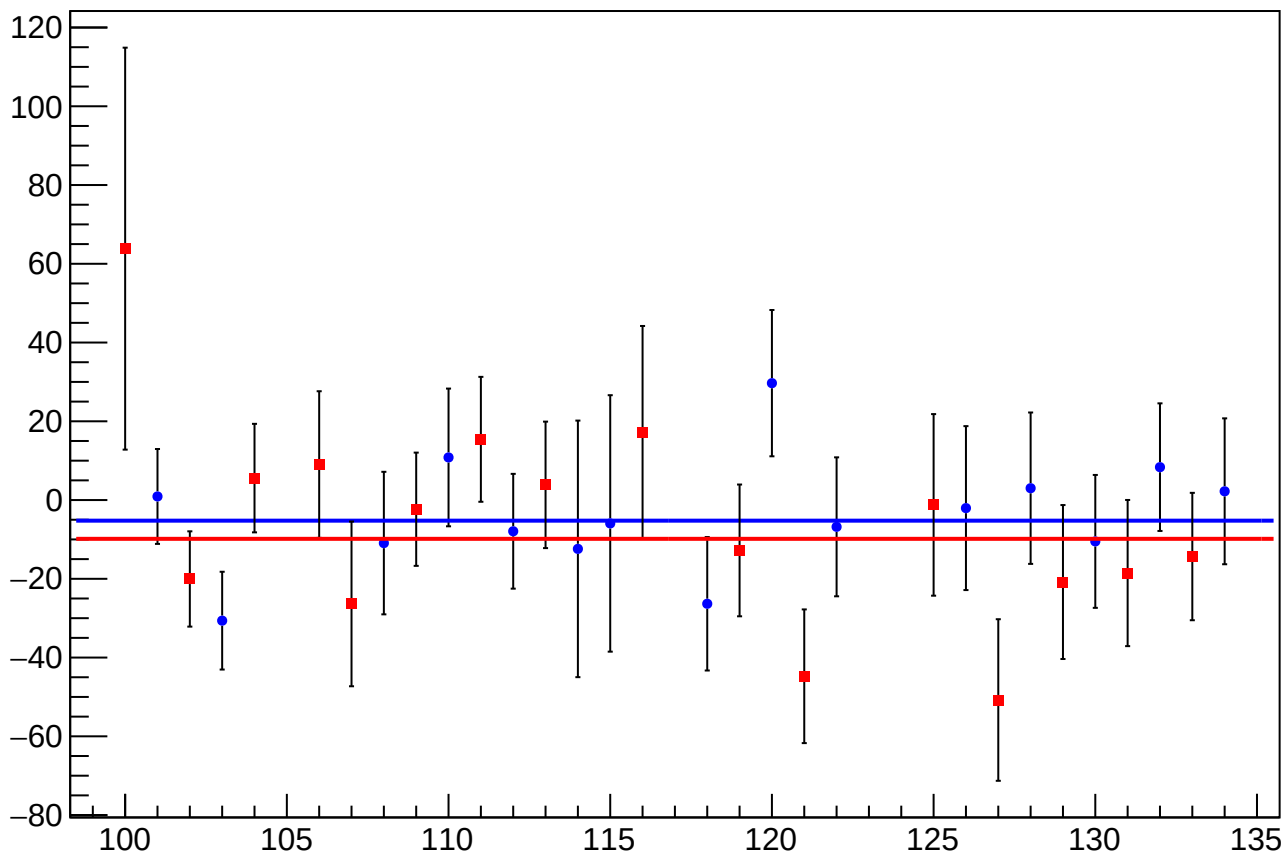
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.472+/-0.039 χ^2/NDF : 2707523.9/30

- 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: -9.848+/-4.370 χ^2/NDF : 19.2/15

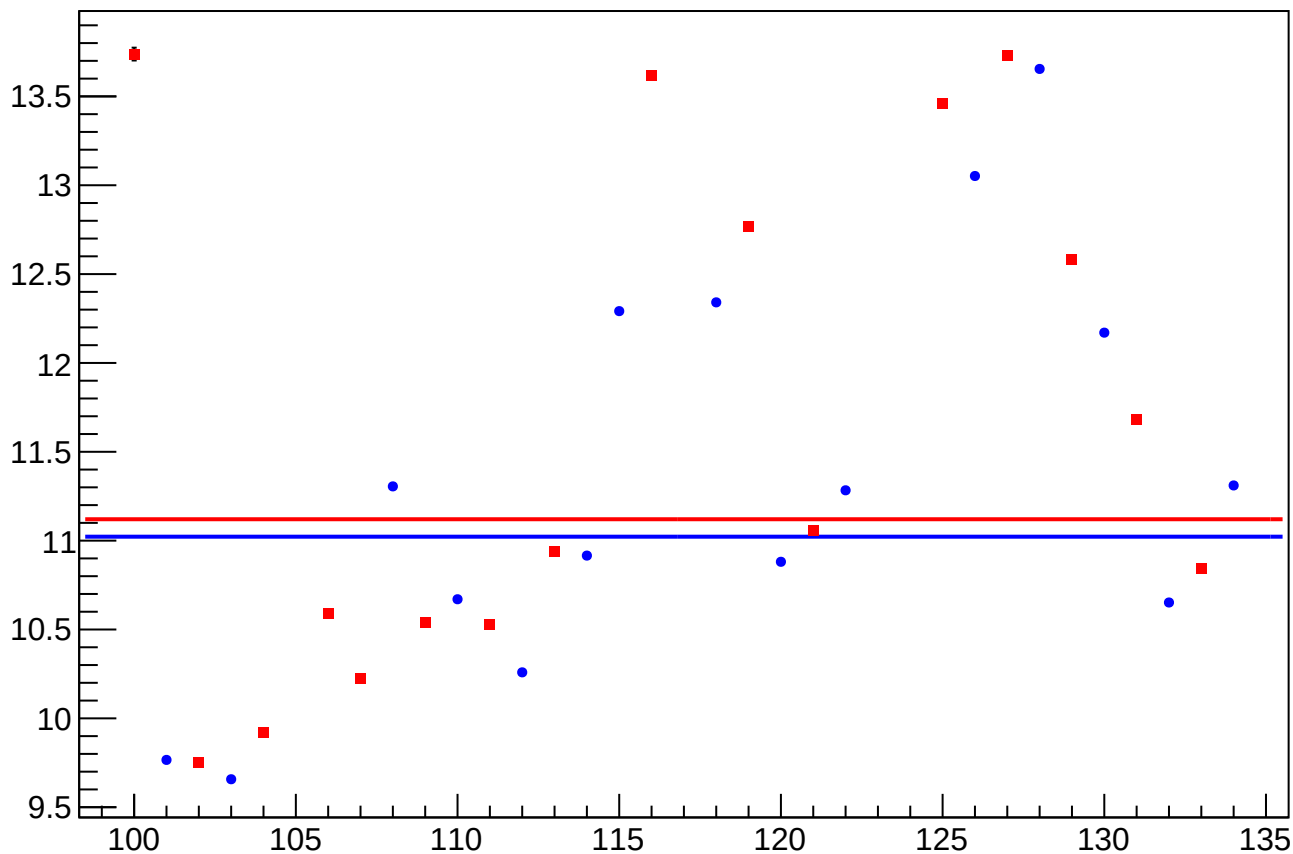
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.568+/-3.109 χ^2/NDF : 31.5/30

- 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+/-0.003 χ^2/NDF : 135724.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.120+/-0.003 χ^2/NDF : 160732.6/15

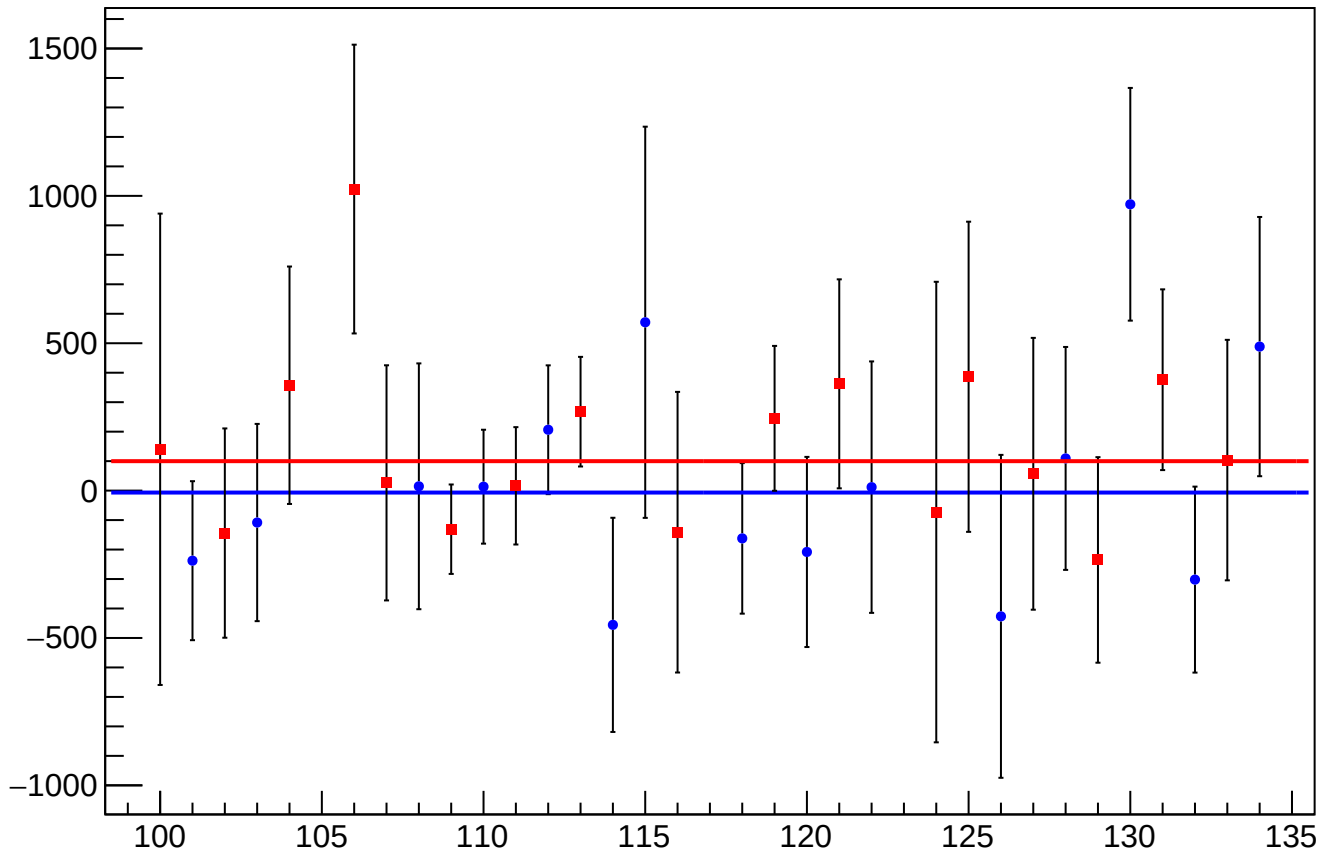
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.072+/-0.002 χ^2/NDF : 296955.7/30

- sign 0.000+/-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: 99.886 $\pm$ 73.042 χ^2 /NDF: 11.0/16

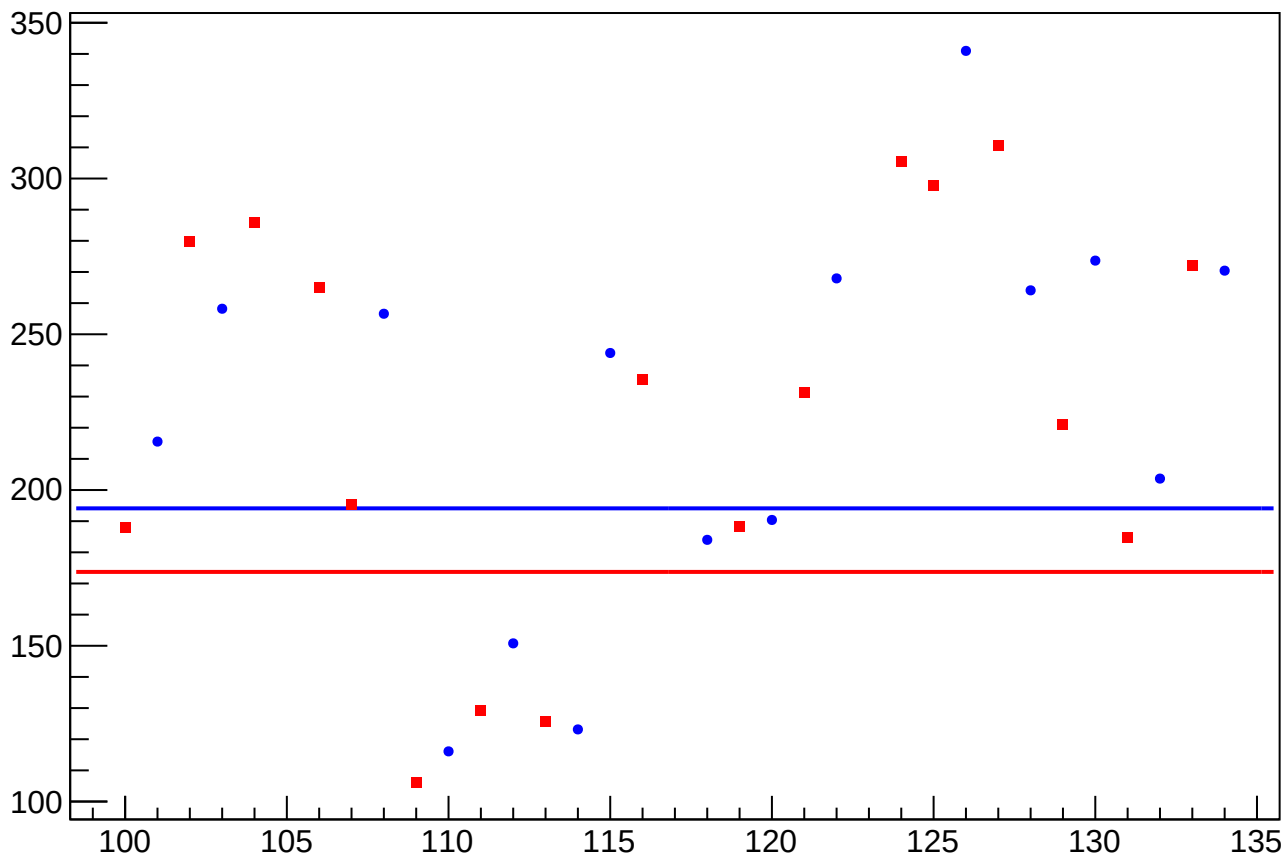
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 52.832 $\pm$ 54.569 χ^2 /NDF: 25.8/31

- 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: 173.714+/-0.052 χ^2/NDF : 1632634.2/16

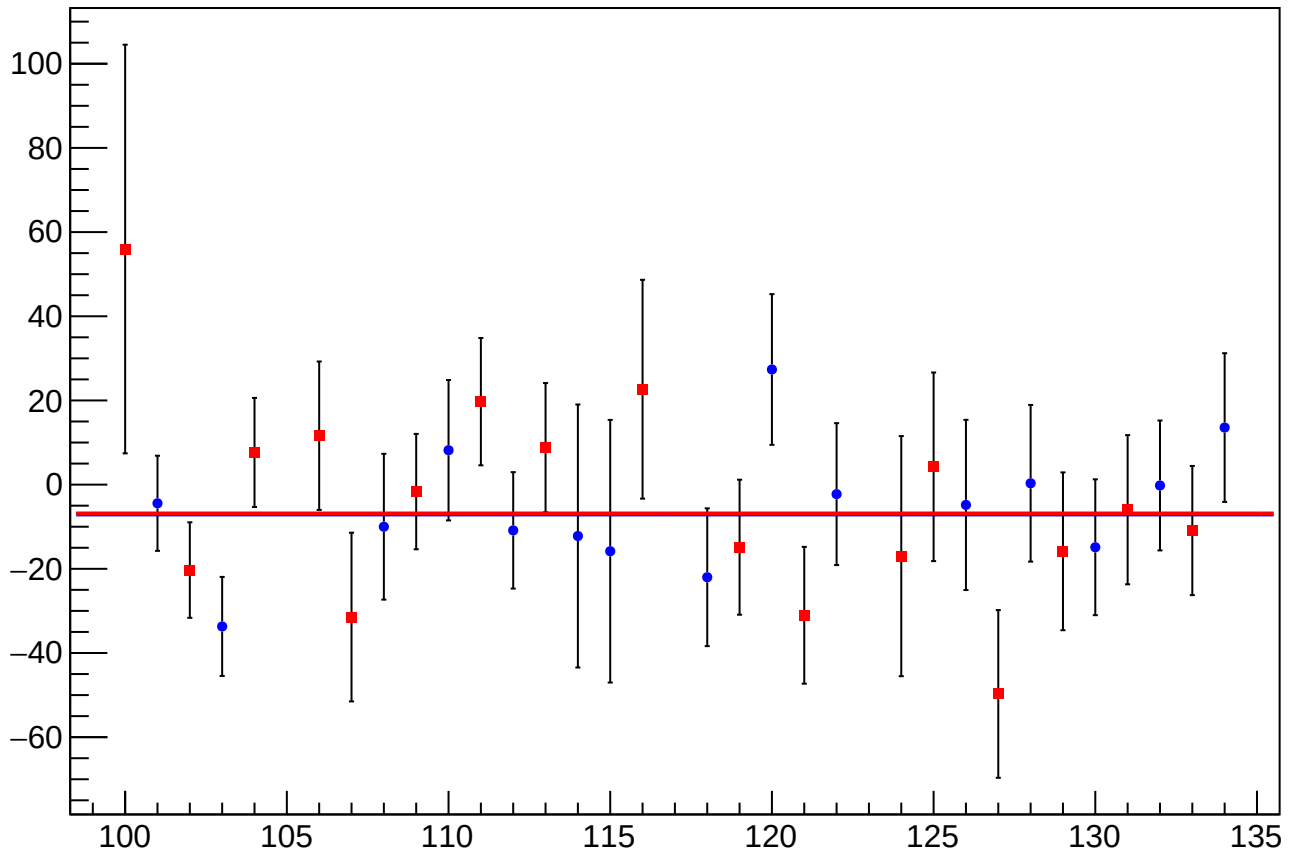
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.728+/-0.039 χ^2/NDF : 2743439.1/31

- 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: -6.860+/-4.118 χ^2 /NDF: 20.3/16

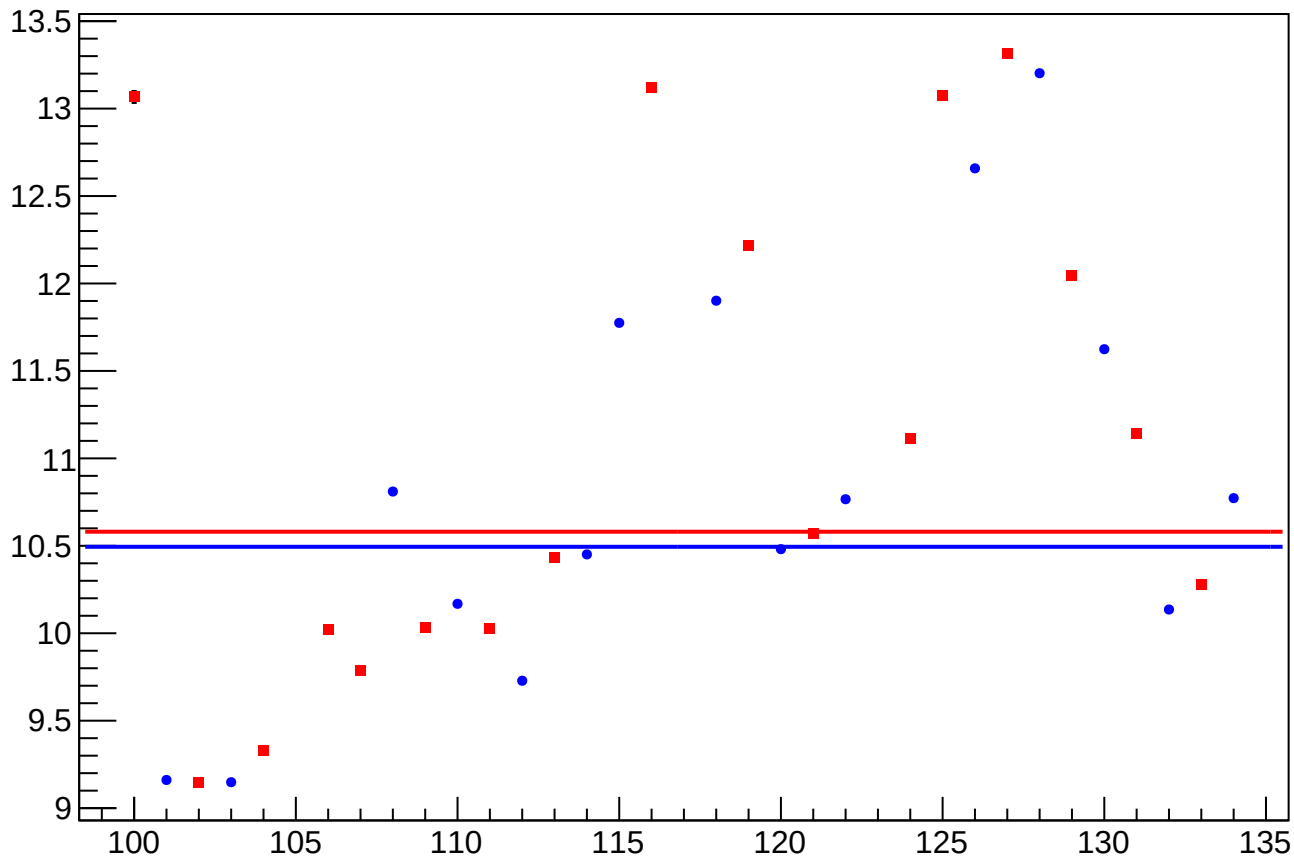
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -6.964+/-2.947 χ^2 /NDF: 33.1/31

- 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: 10.581+/-0.003 χ^2/NDF : 185124.3/16

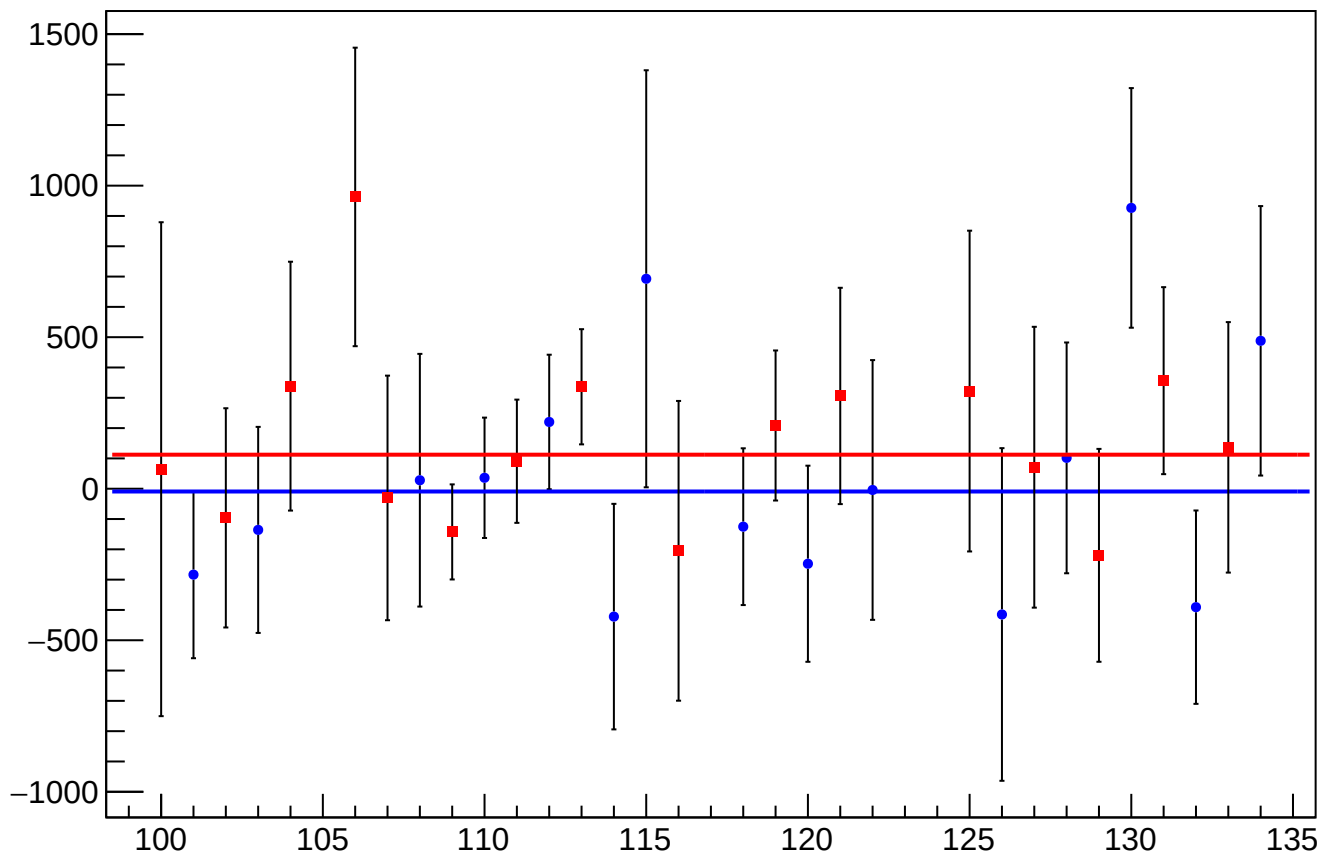
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.538+/-0.002 χ^2/NDF : 342420.2/31

- 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 $\chi^2/\text{NDF}: 14.2/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 112.298 ± 74.781 $\chi^2/\text{NDF}: 10.3/15$

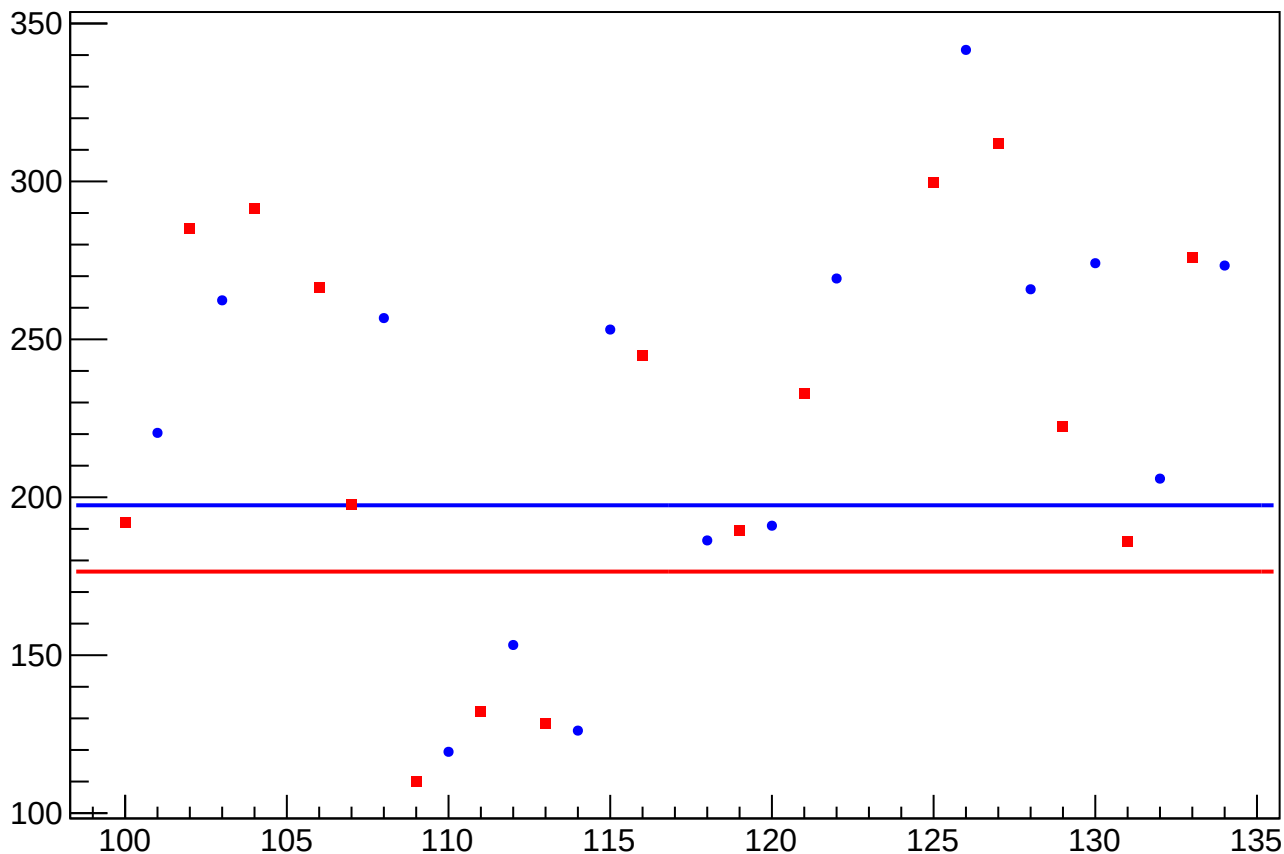
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 58.111 ± 55.656 $\chi^2/\text{NDF}: 25.7/30$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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: 176.473 $\pm$ 0.053 χ^2 /NDF: 1516333.0/15

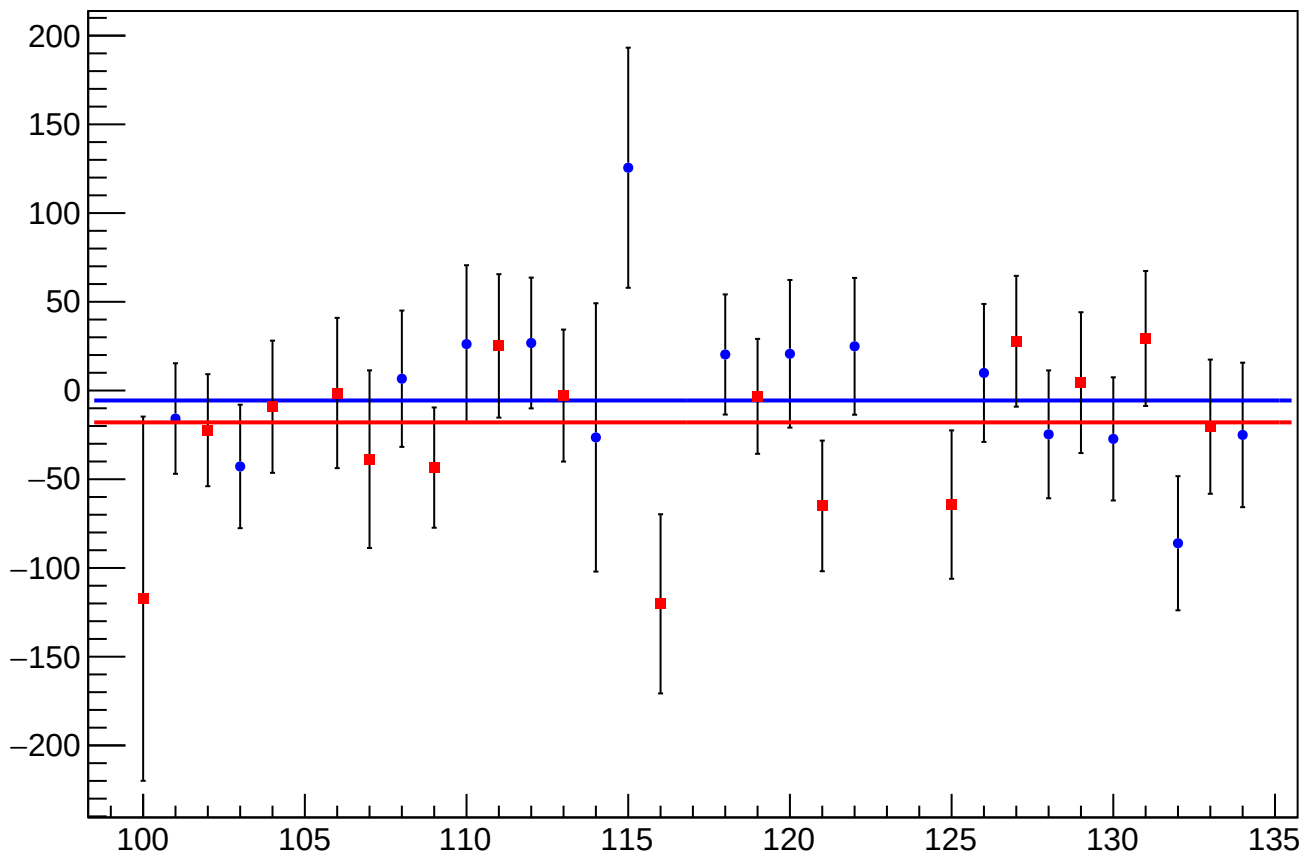
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 185.836 $\pm$ 0.039 χ^2 /NDF: 2586809.0/30

- 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: -17.949 ± 9.806 χ^2/NDF : 13.8/15

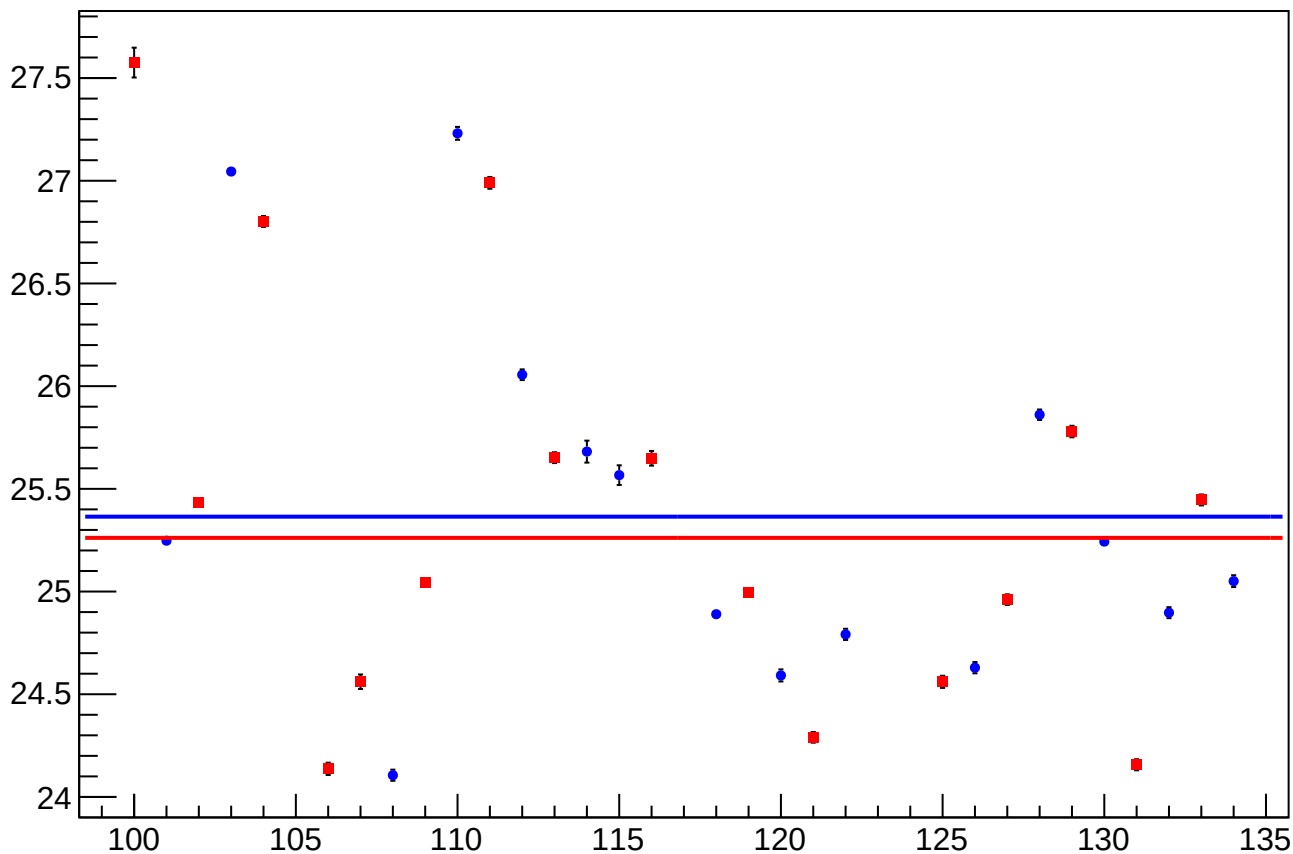
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.946 ± 7.026 χ^2/NDF : 28.2/30

- 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+/-0.007 χ^2/NDF : 14194.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.261+/-0.007 χ^2/NDF : 14675.1/15

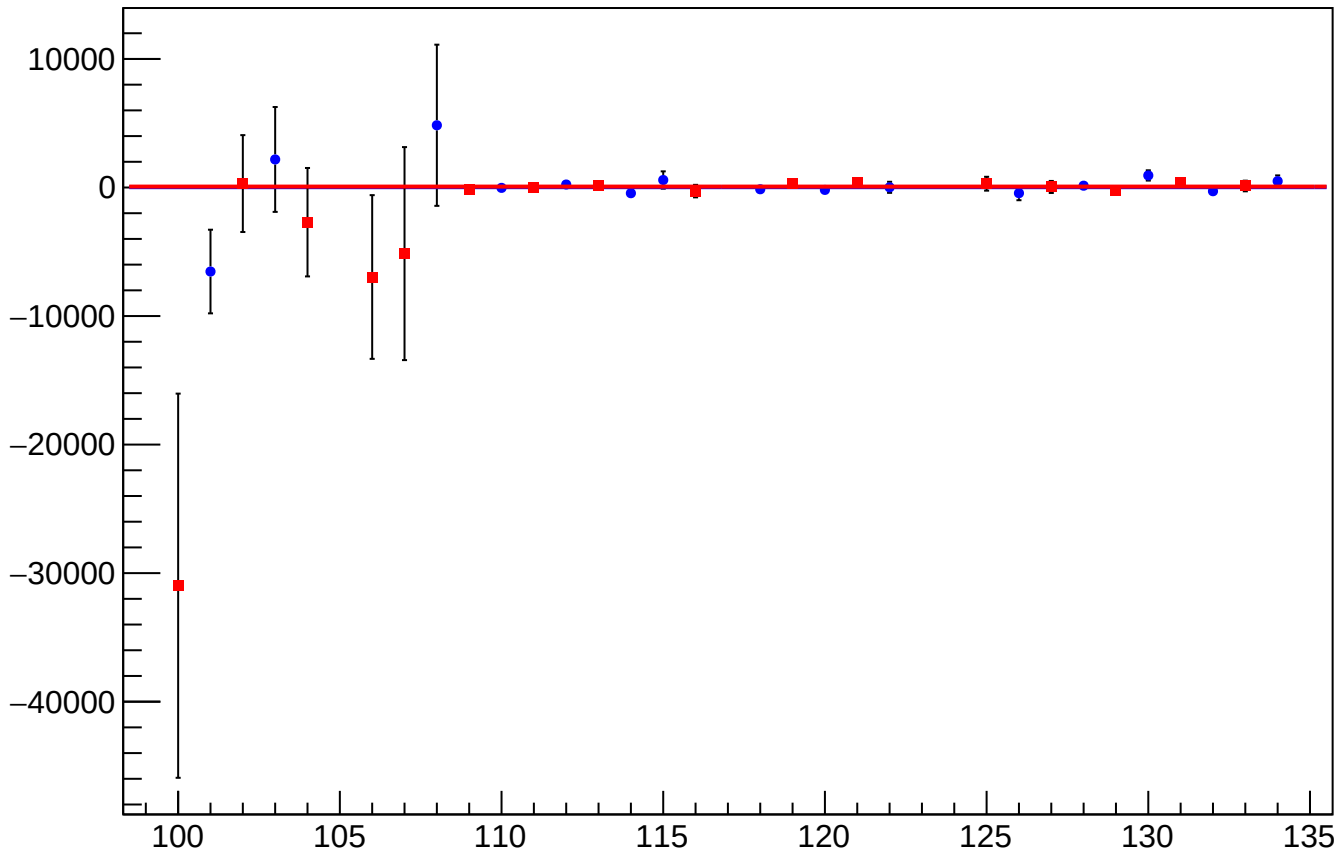
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.312+/-0.005 χ^2/NDF : 28977.8/30

- sign 0.000+/-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: 71.326+/-85.424 χ^2/NDF : 12.0/15

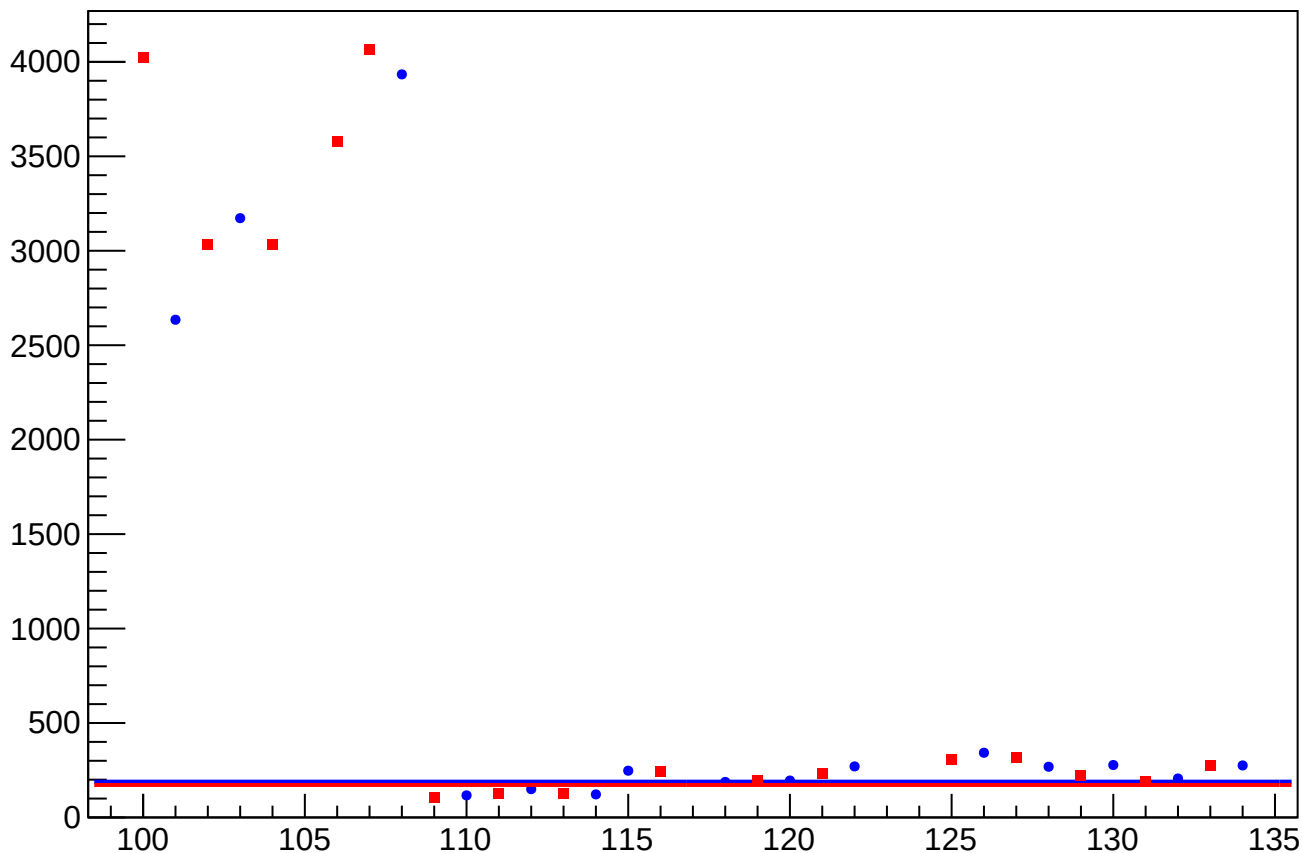
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.232+/-62.592 χ^2/NDF : 29.3/30

- 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: 172.073+/-0.060 χ^2/NDF : 4240349.5/15

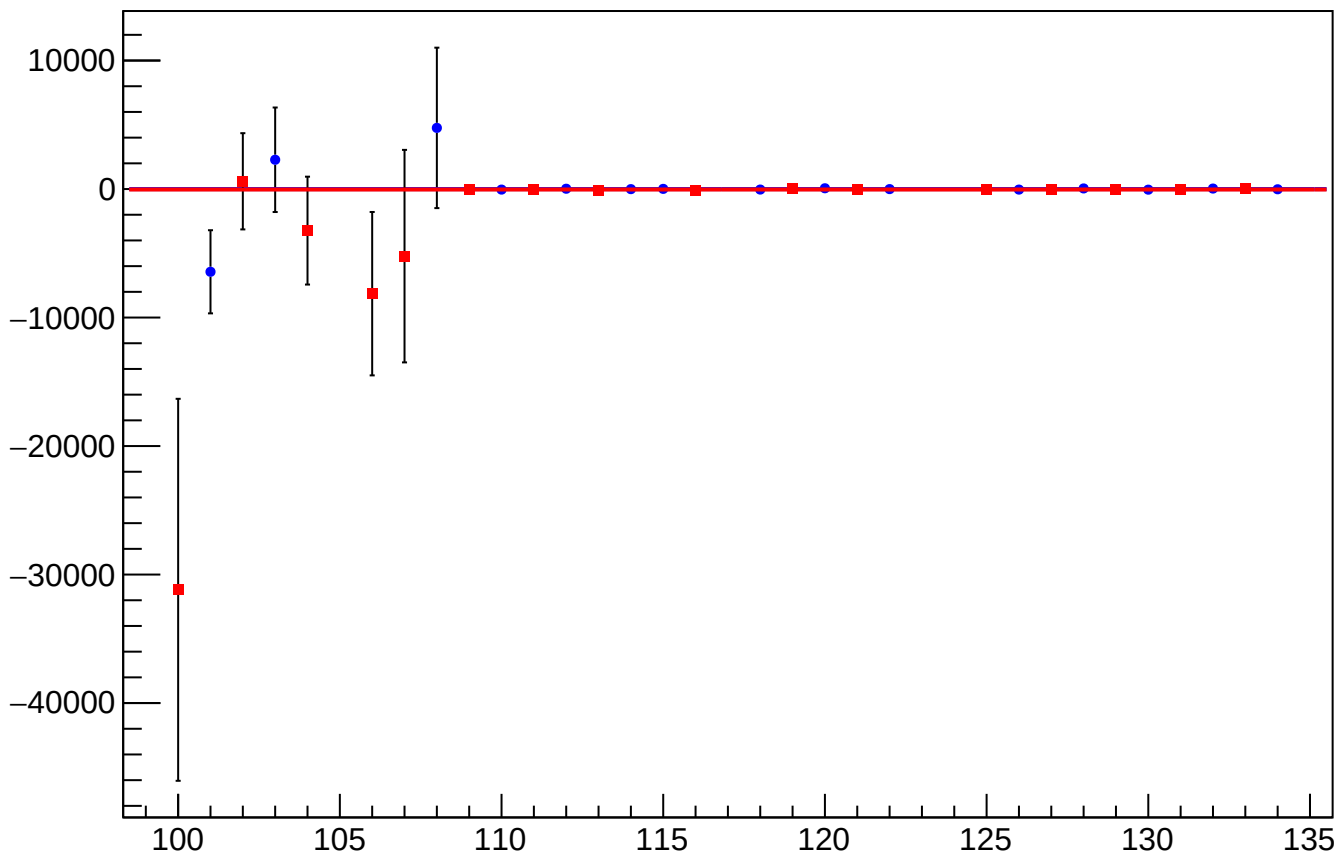
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.124+/-0.044 χ^2/NDF : 8108753.1/30

- 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: -36.069+/-13.084 χ^2/NDF : 17.8/15

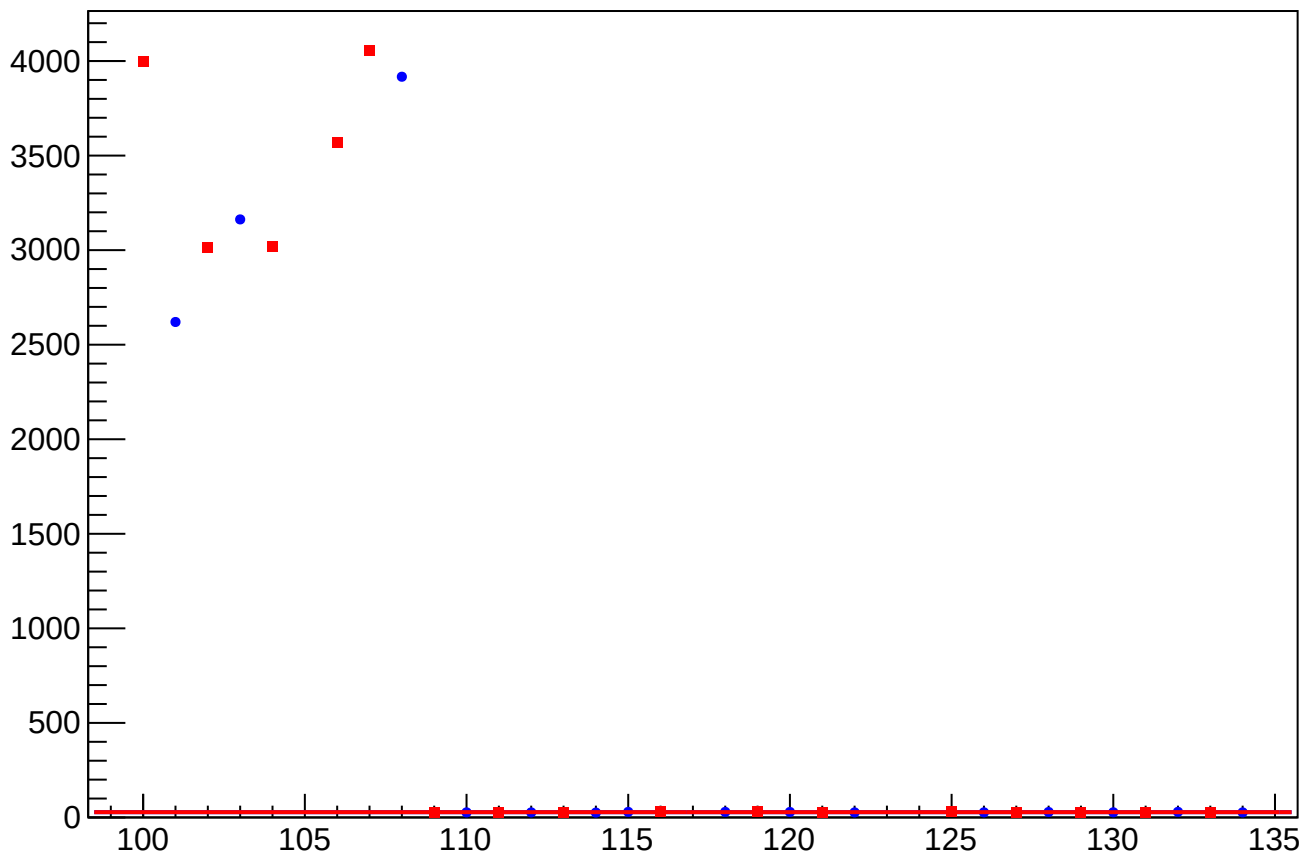
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.079+/-9.164 χ^2/NDF : 34.3/30

- 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: 27.985+/-0.009 χ^2/NDF : 3554784.1/15

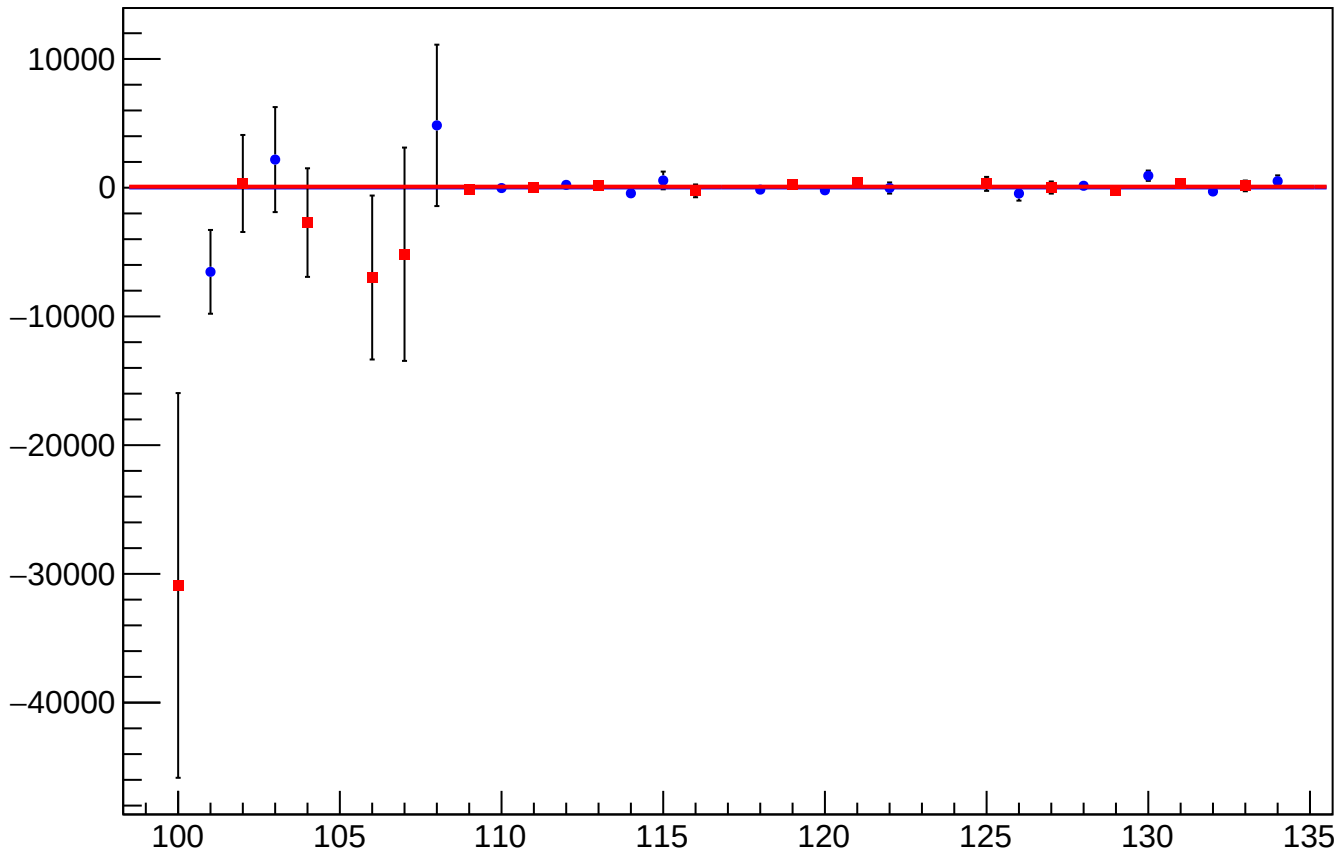
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.918+/-0.006 χ^2/NDF : 6820719.2/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_dg_ds_avg_mean vs Slug



Right In: 19.636 $\pm$ 92.662 χ^2 /NDF: 17.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 79.420 $\pm$ 86.156 χ^2 /NDF: 11.5/15

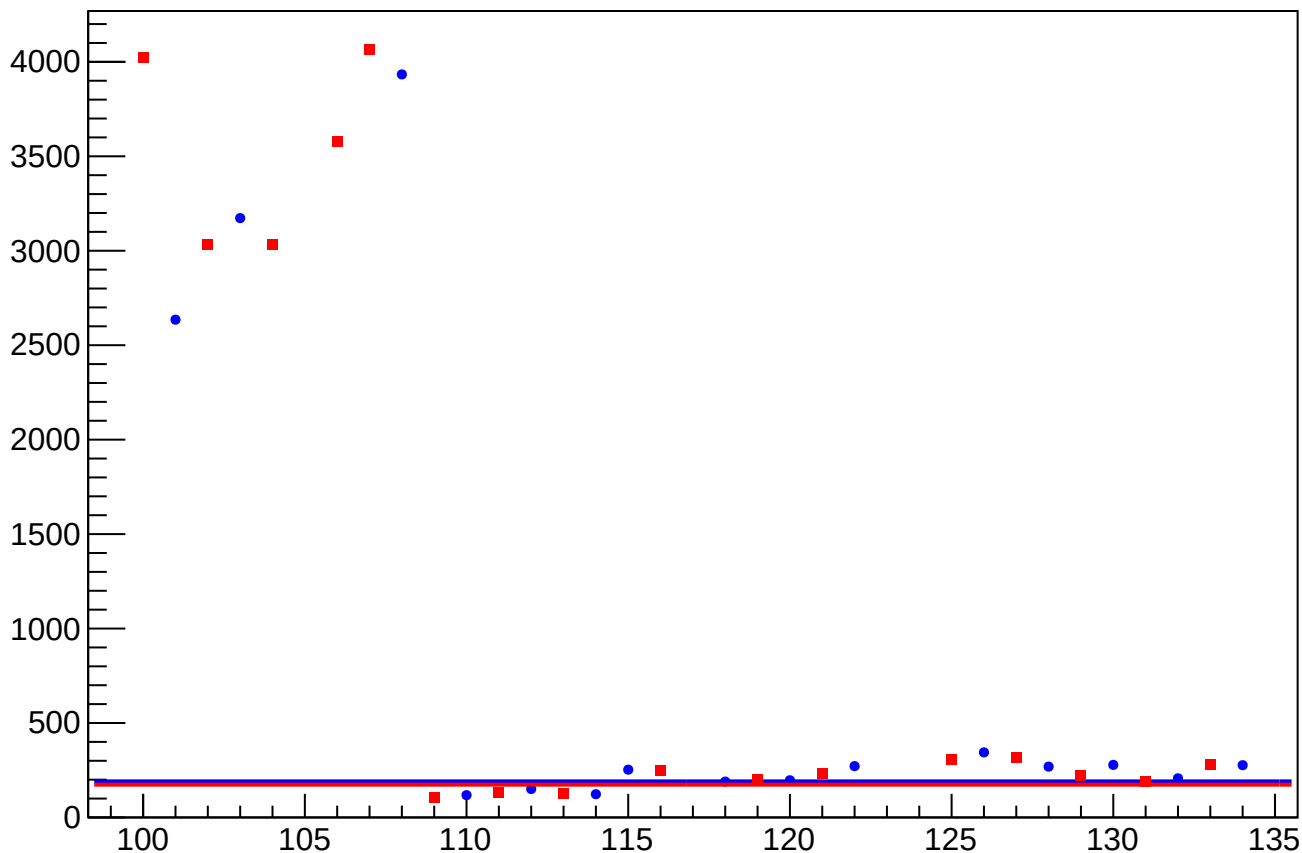
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 51.700 $\pm$ 63.096 χ^2 /NDF: 28.8/30

- sign 0.000 $\pm$ 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: 173.685+/-0.061 χ^2/NDF : 4231935.6/15

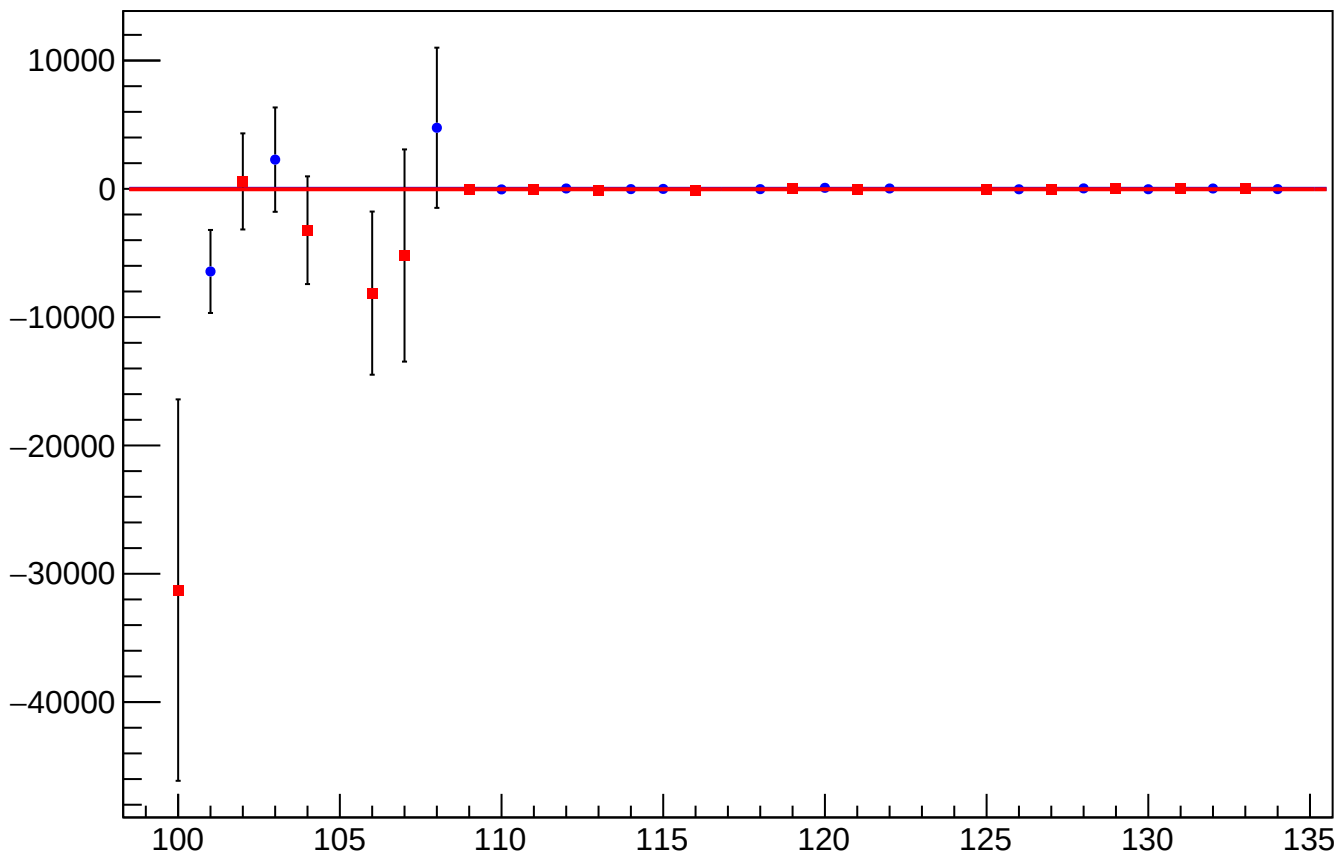
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.713+/-0.045 χ^2/NDF : 8088572.1/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_dg_ds_dd_mean vs Slug



Right In: 1.753+/-14.267 χ^2/NDF : 11.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -32.395+/-14.483 χ^2/NDF : 21.3/15

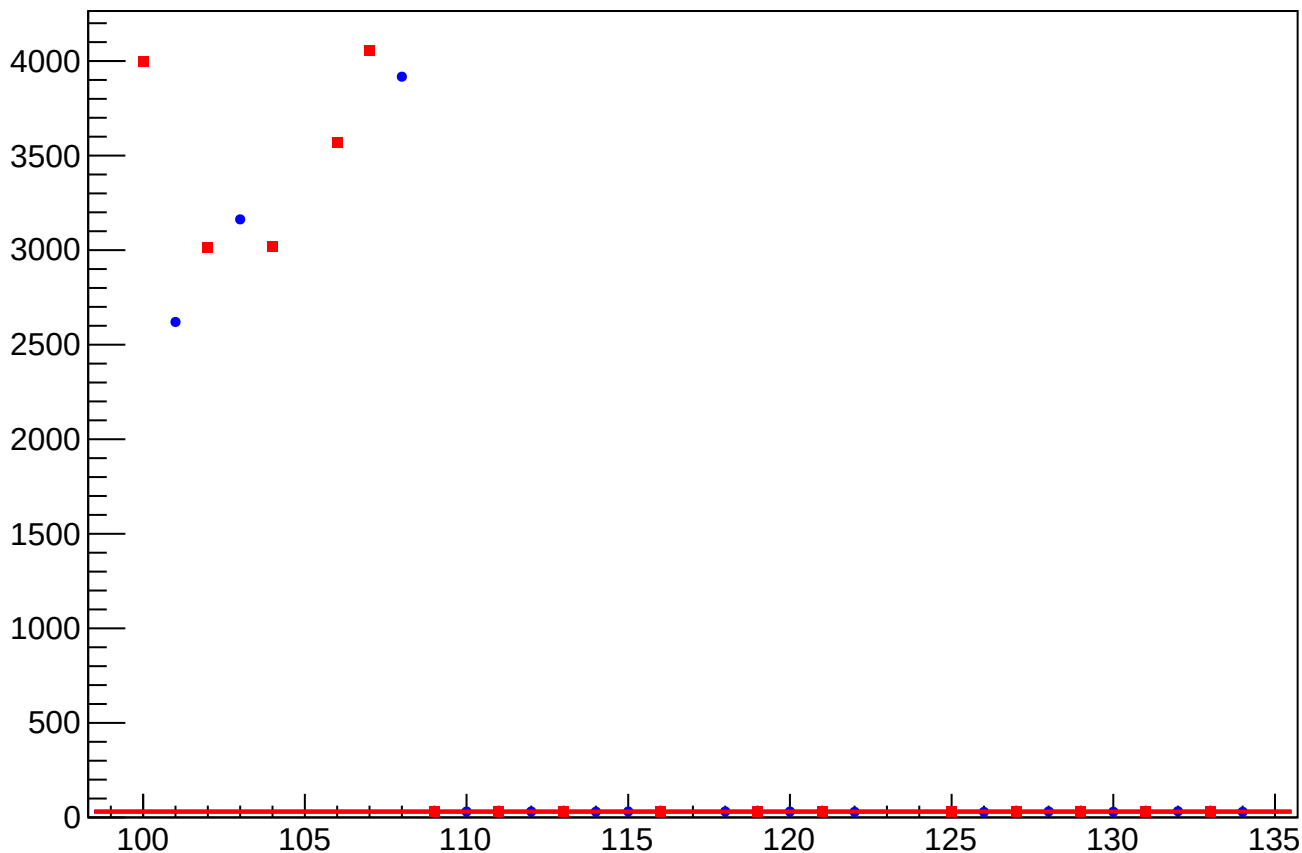
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.064+/-10.164 χ^2/NDF : 35.3/30

- sign 0.000+/-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: 31.025+/-0.010 χ^2/NDF : 3532664.3/15

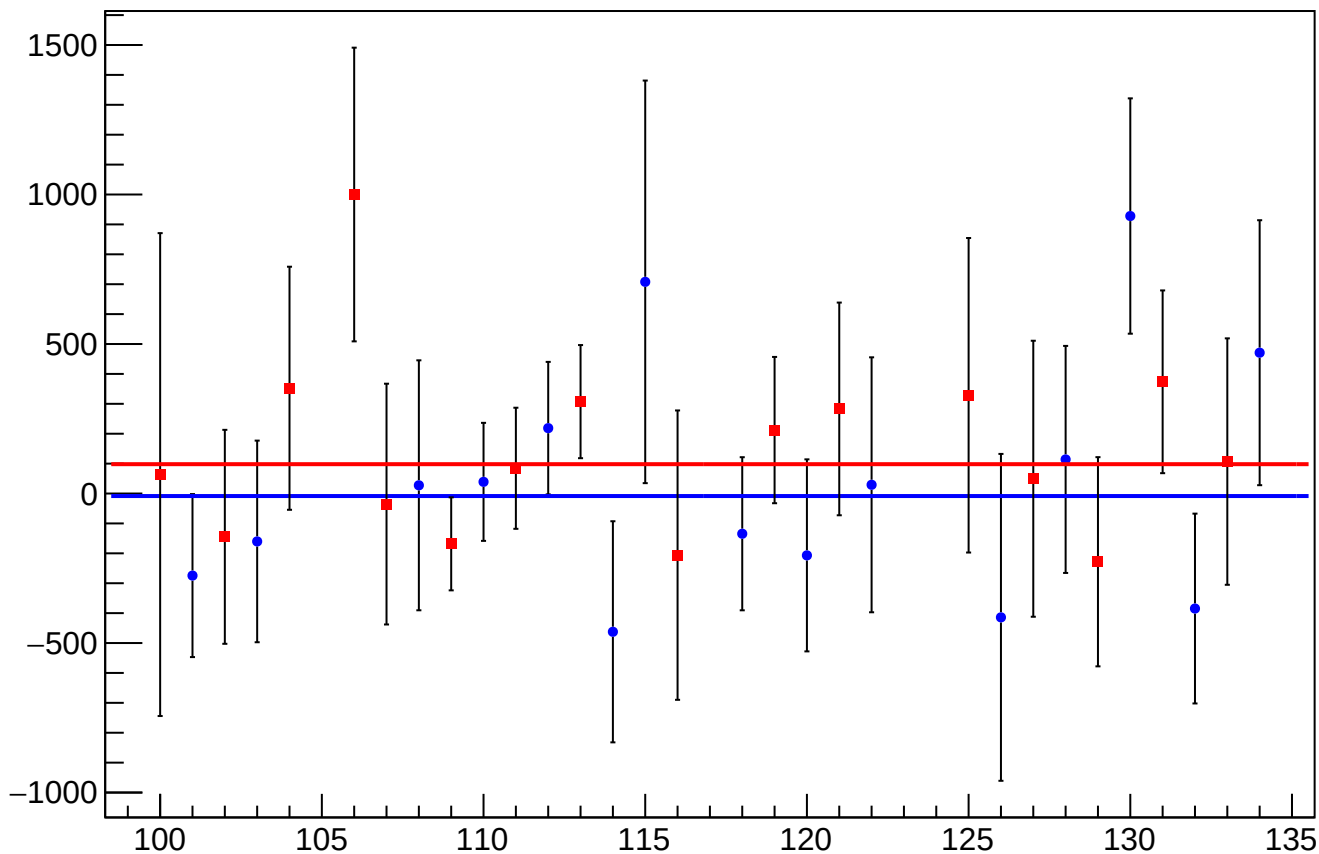
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.007+/-0.007 χ^2/NDF : 6785051.7/30

- 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 χ^2/NDF : 14.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 98.149 ± 74.255 χ^2/NDF : 11.3/15

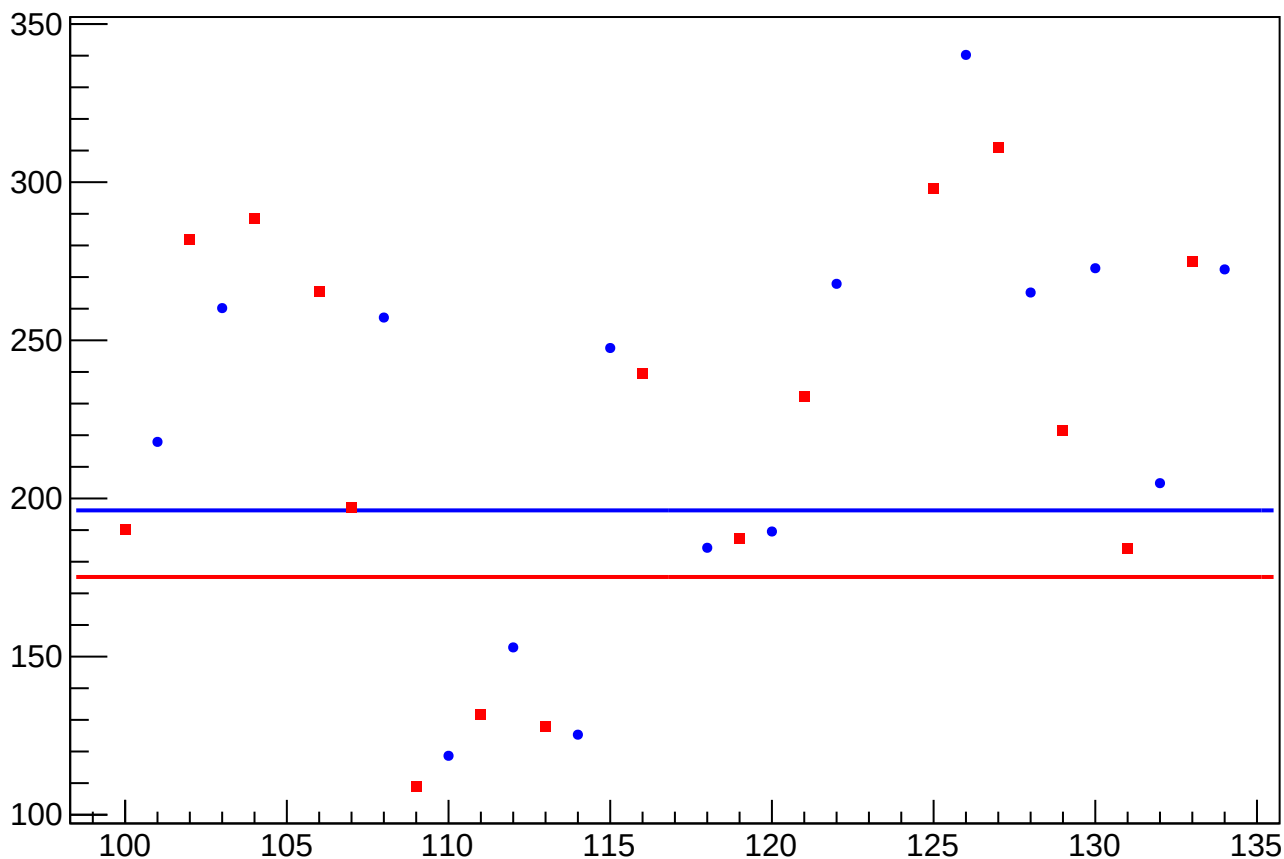
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 50.661 ± 55.289 χ^2/NDF : 26.6/30

- sign 0.000 ± 0.000 χ^2/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: 175.178+/-0.053 χ^2/NDF : 1515394.5/15

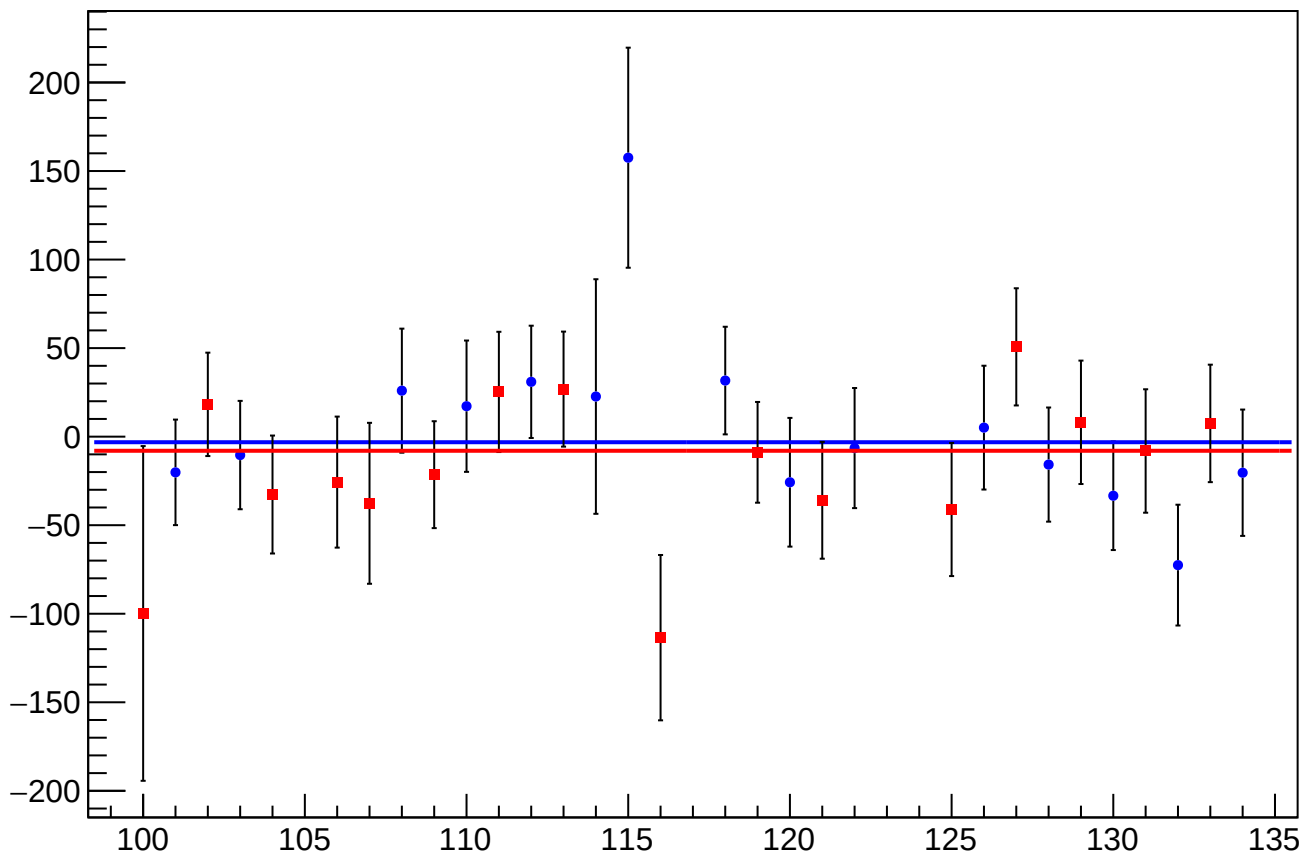
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.560+/-0.039 χ^2/NDF : 2587610.0/30

- 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: -7.973 ± 8.735 χ^2/NDF : 15.4/15

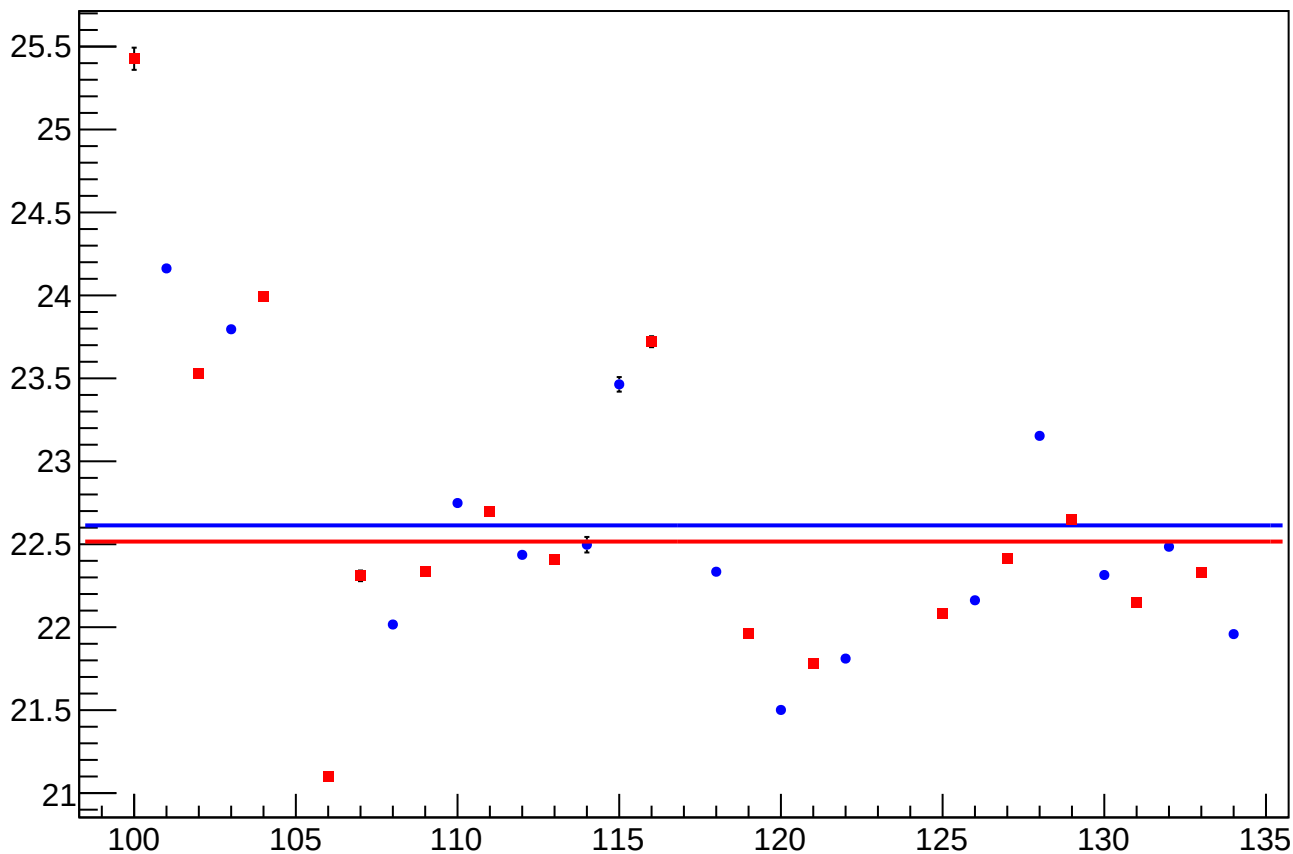
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.624 ± 6.259 χ^2/NDF : 32.2/30

- 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+/-0.006 χ^2/NDF : 14396.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.516+/-0.006 χ^2/NDF : 15034.8/15

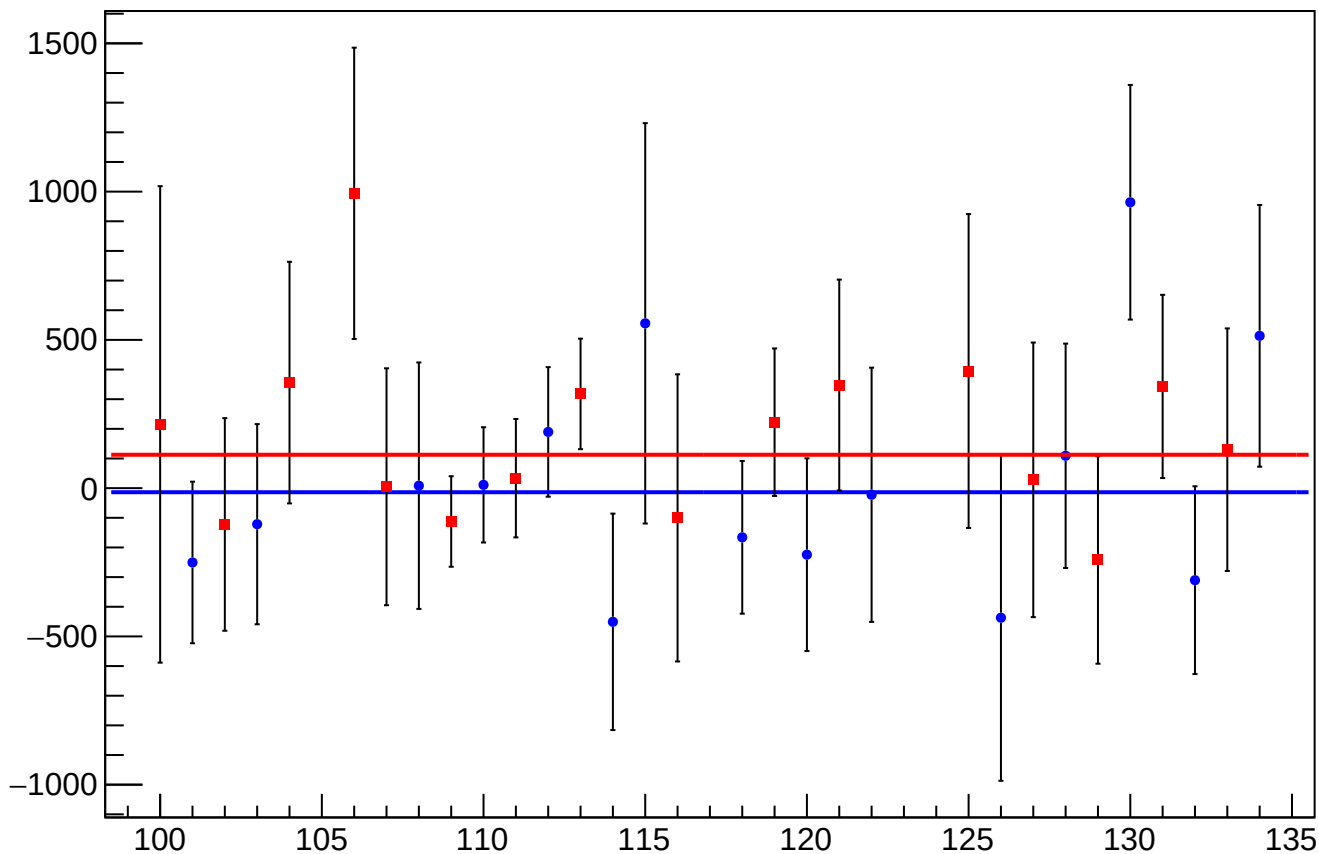
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.564+/-0.004 χ^2/NDF : 29552.3/30

- sign 0.000+/-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: 112.618+/-73.774 χ^2/NDF : 10.4/15

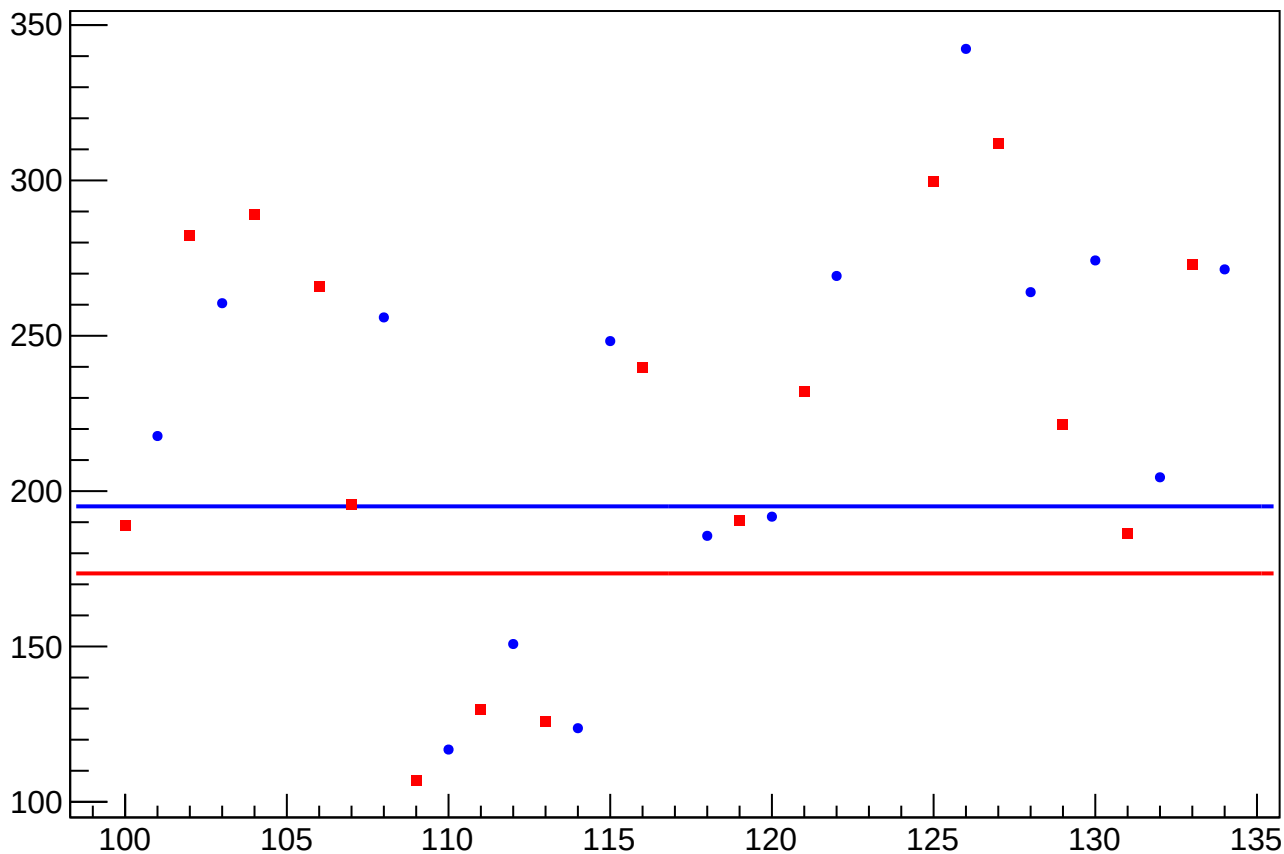
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.470+/-54.993 χ^2/NDF : 25.4/30

- 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+/-0.058 χ^2/NDF : 1041279.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.516+/-0.052 χ^2/NDF : 1582594.2/15

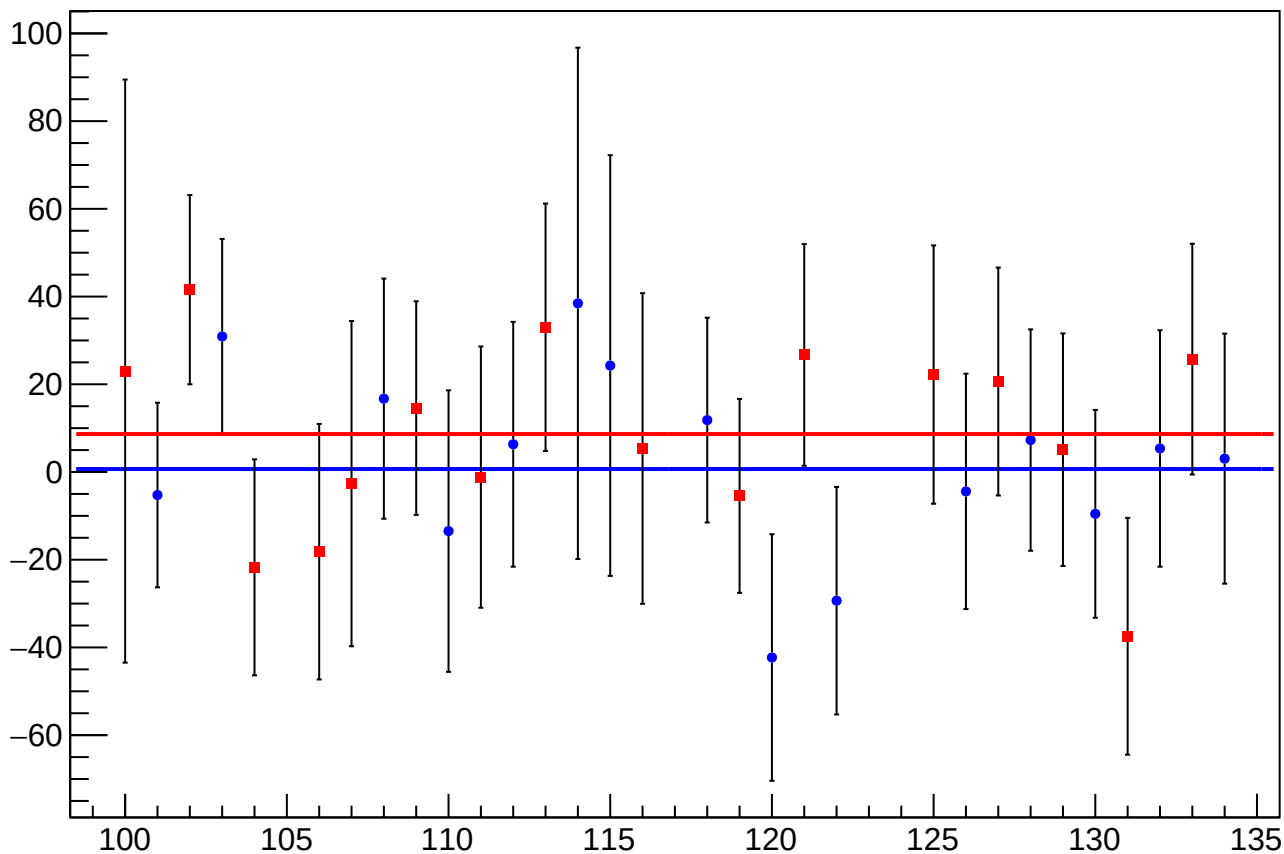
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.106+/-0.039 χ^2/NDF : 2699930.8/30

- sign 0.000+/-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: 8.653 ± 6.854 $\chi^2/\text{NDF}: 10.5/15$

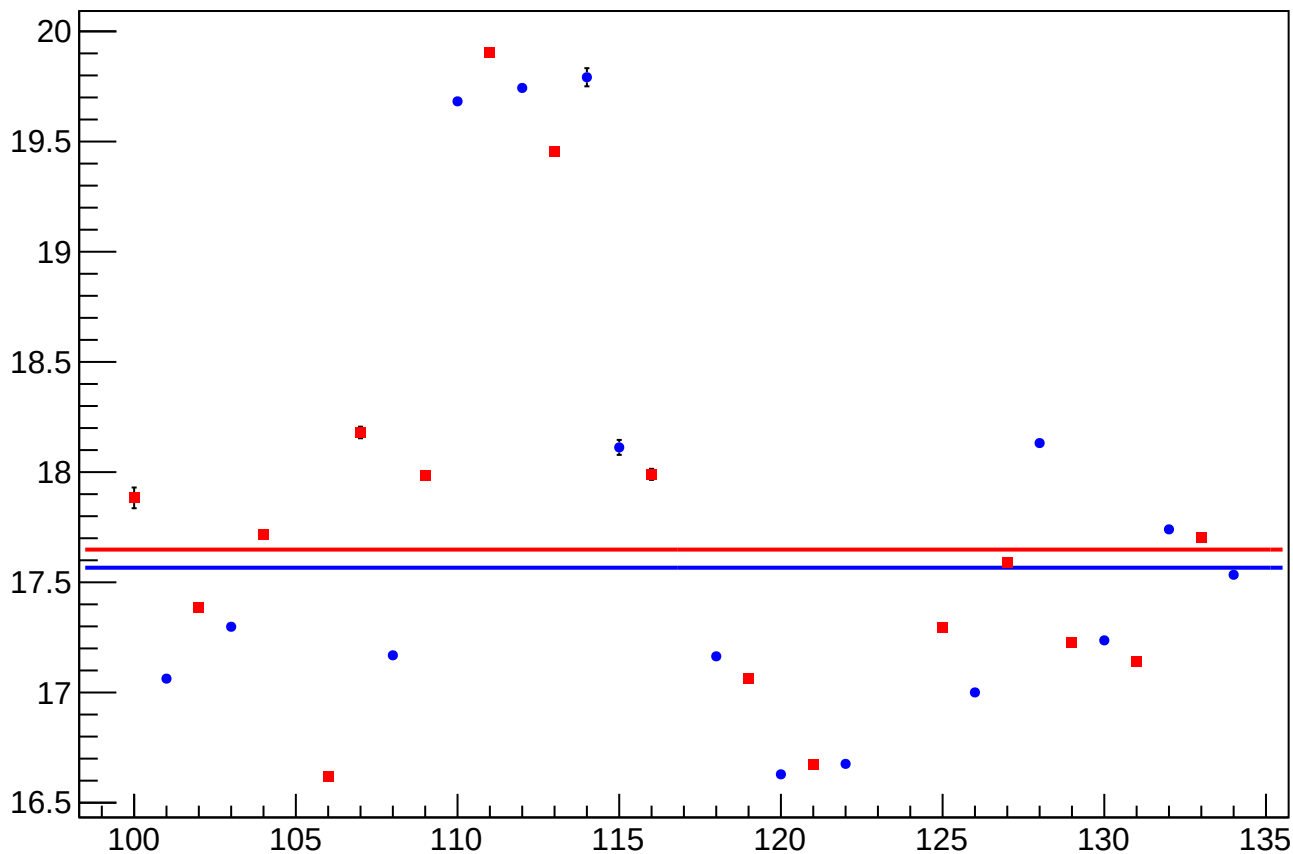
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 4.736 ± 4.890 $\chi^2/\text{NDF}: 18.5/30$

- 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+/-0.005 χ^2/NDF : 33430.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.649+/-0.005 χ^2/NDF : 29371.4/15

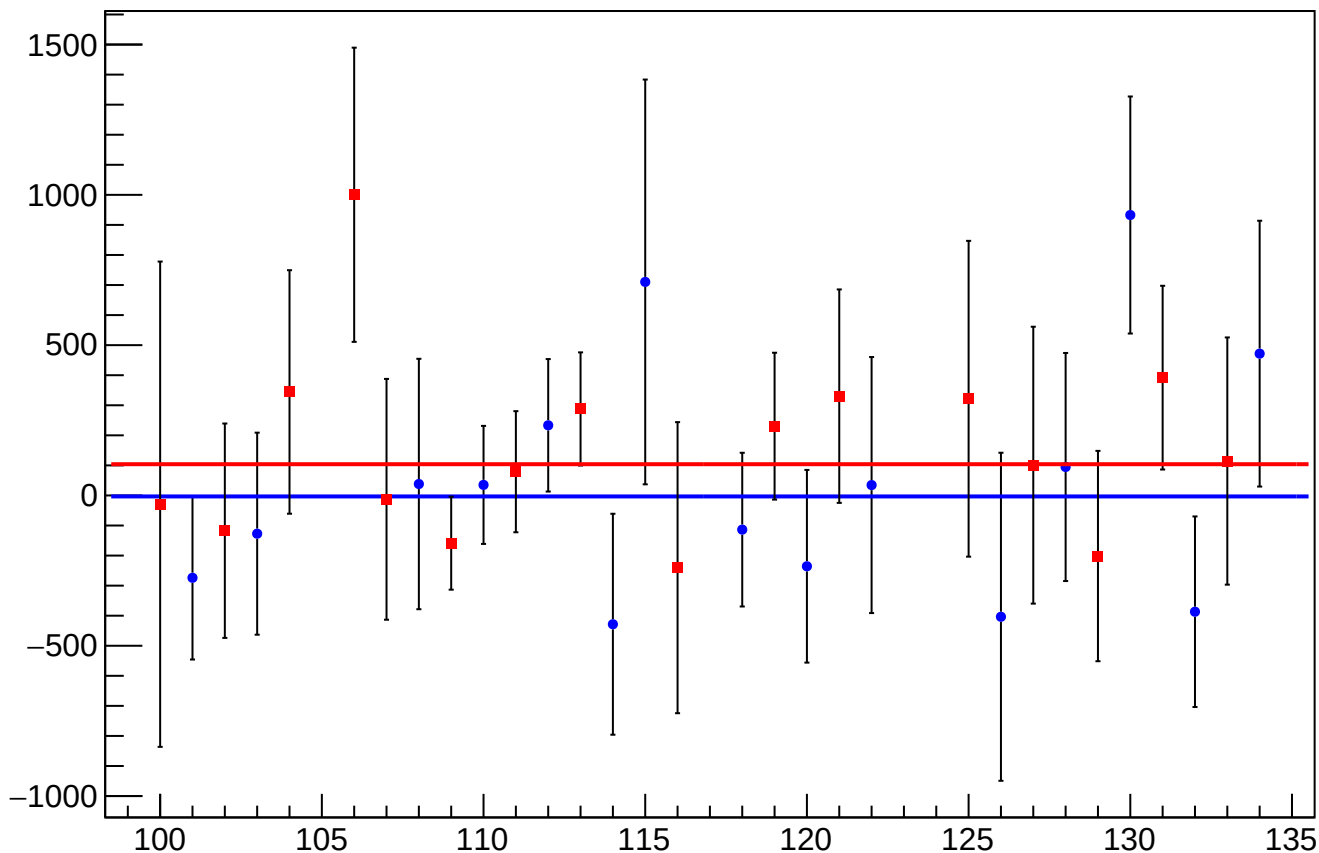
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.608+/-0.003 χ^2/NDF : 62942.9/30

- sign 0.000+/-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: 103.966+/-73.992 χ^2/NDF : 11.1/15

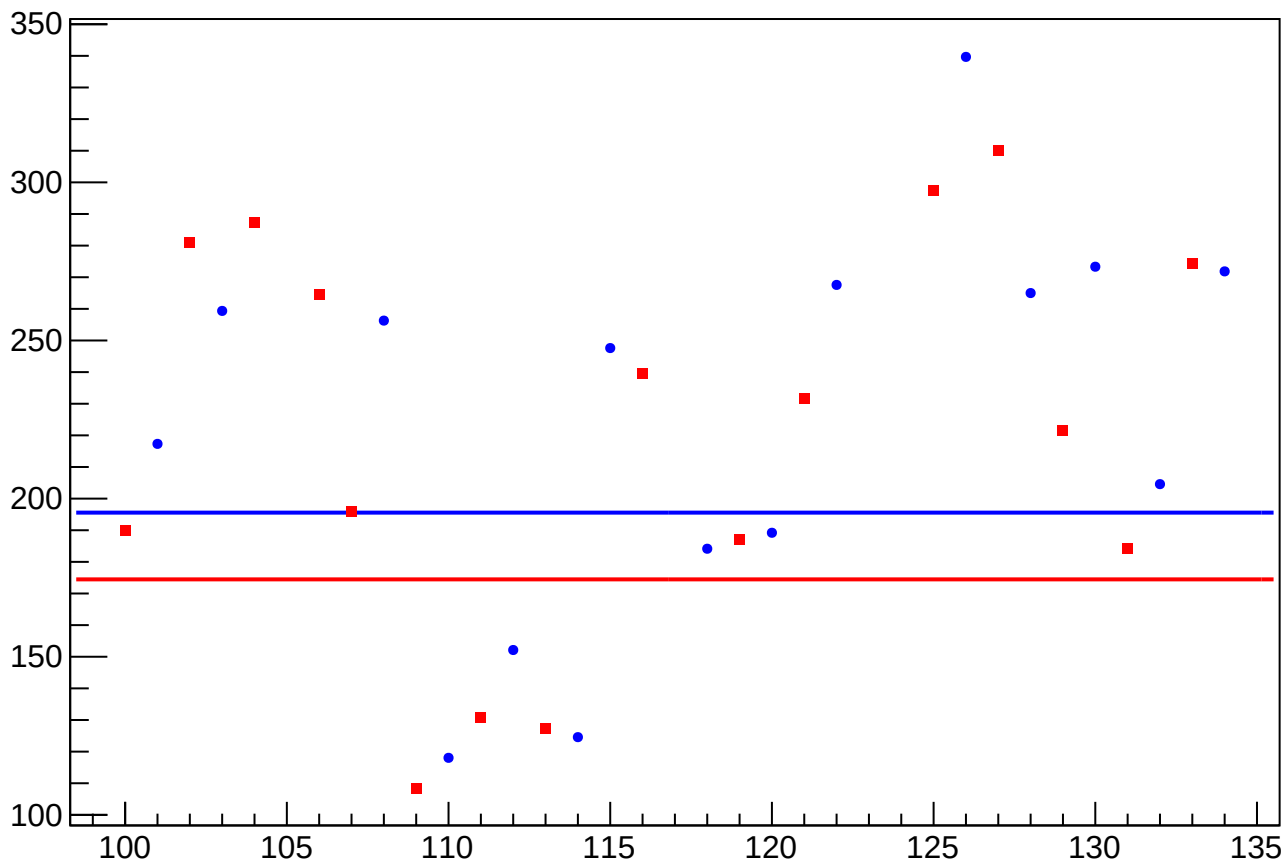
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.215+/-55.107 χ^2/NDF : 26.4/30

- 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: 174.465+/-0.052 χ^2/NDF : 1526764.2/15

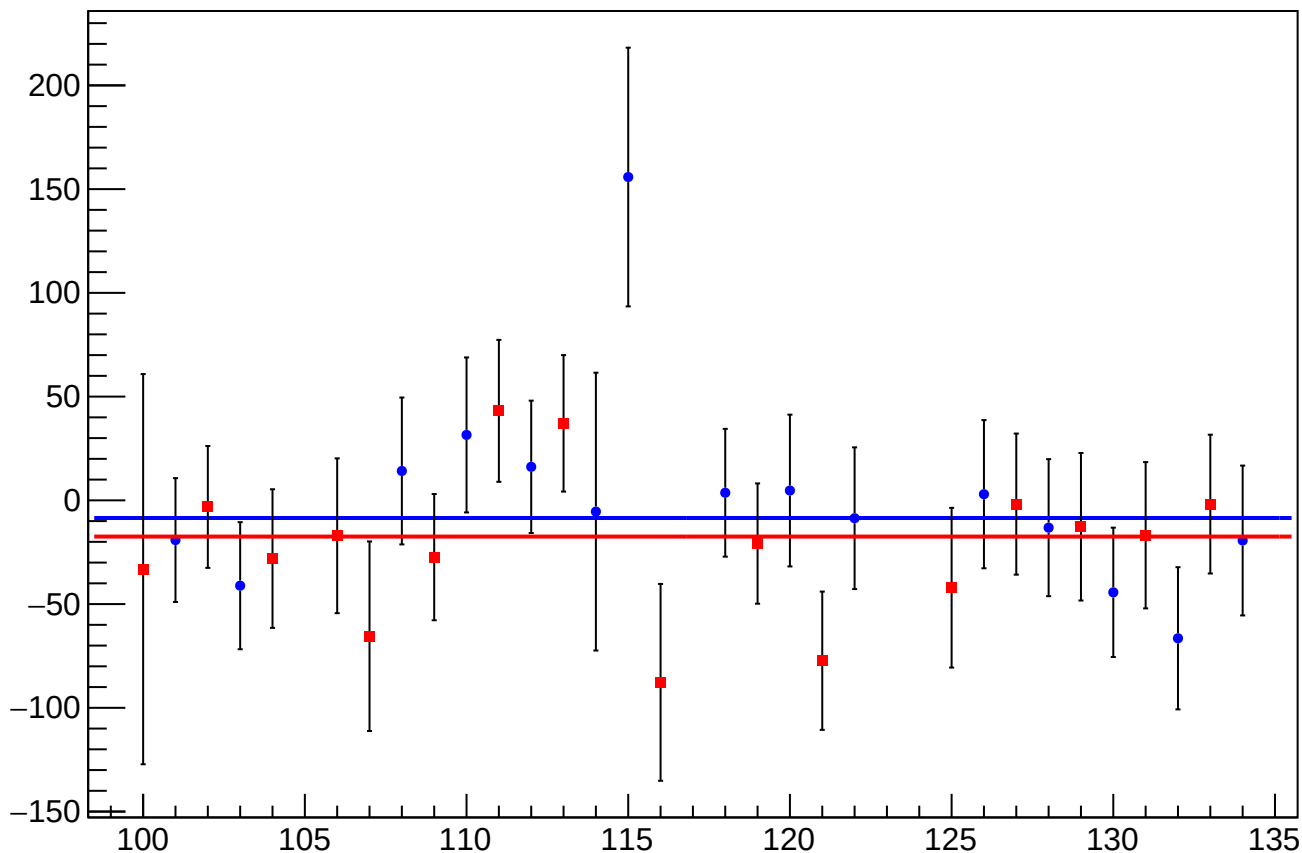
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.864+/-0.039 χ^2/NDF : 2610000.9/30

- 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: -17.456 ± 8.842 χ^2/NDF : 13.8/15

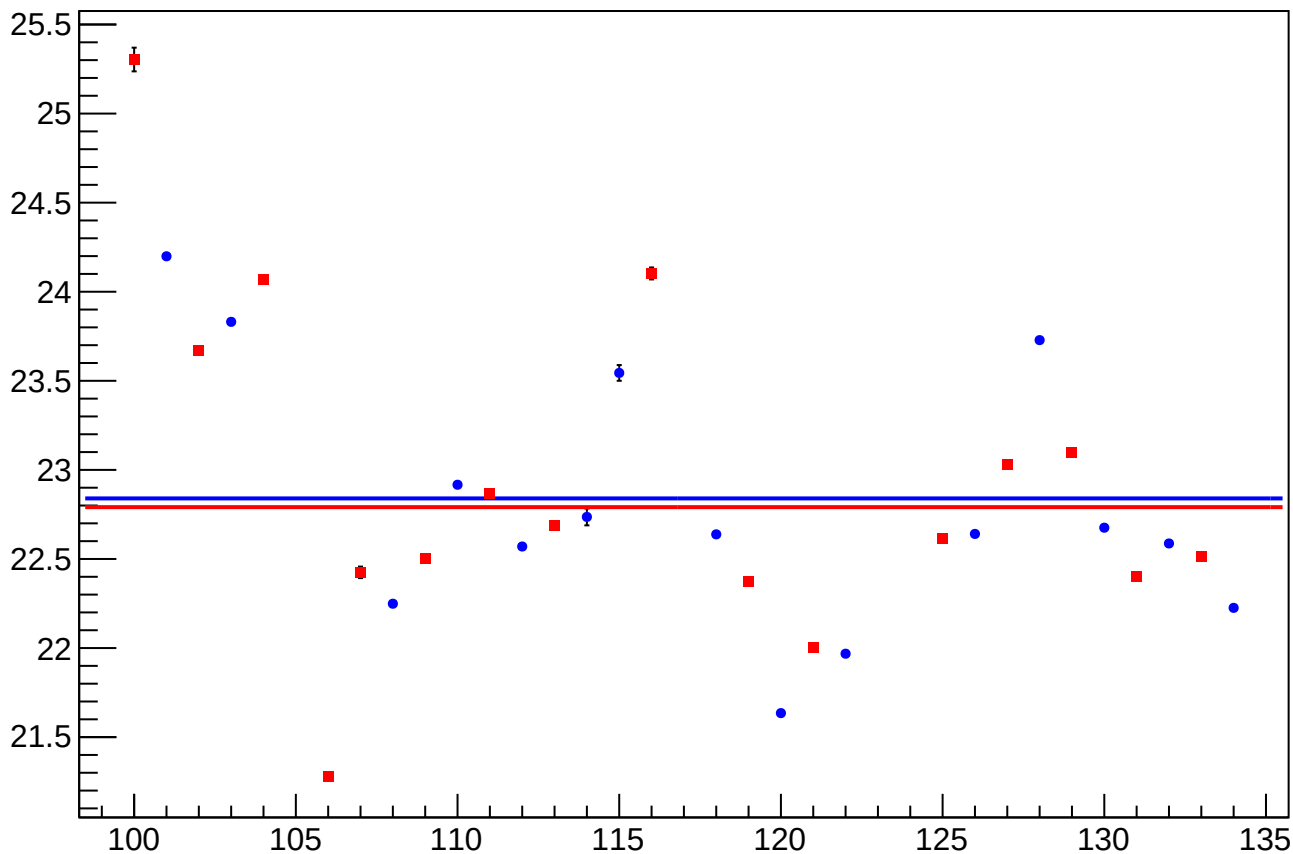
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.091 ± 6.329 χ^2/NDF : 29.3/30

- 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: 22.791 $\pm$ 0.006 χ^2 /NDF: 13472.4/15

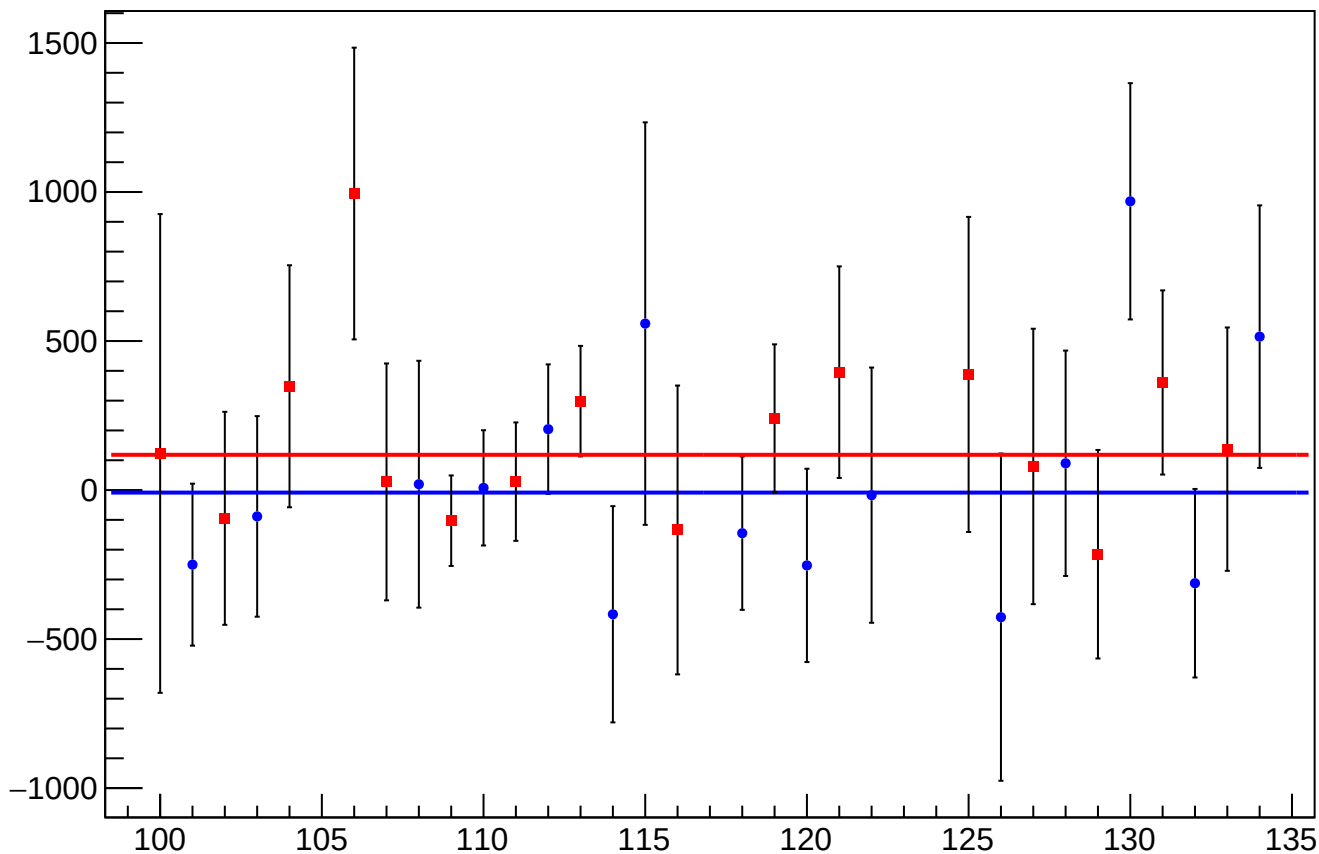
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.815 $\pm$ 0.004 χ^2 /NDF: 26524.6/30

- 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: 118.303 ± 73.505 χ^2/NDF : 10.1/15

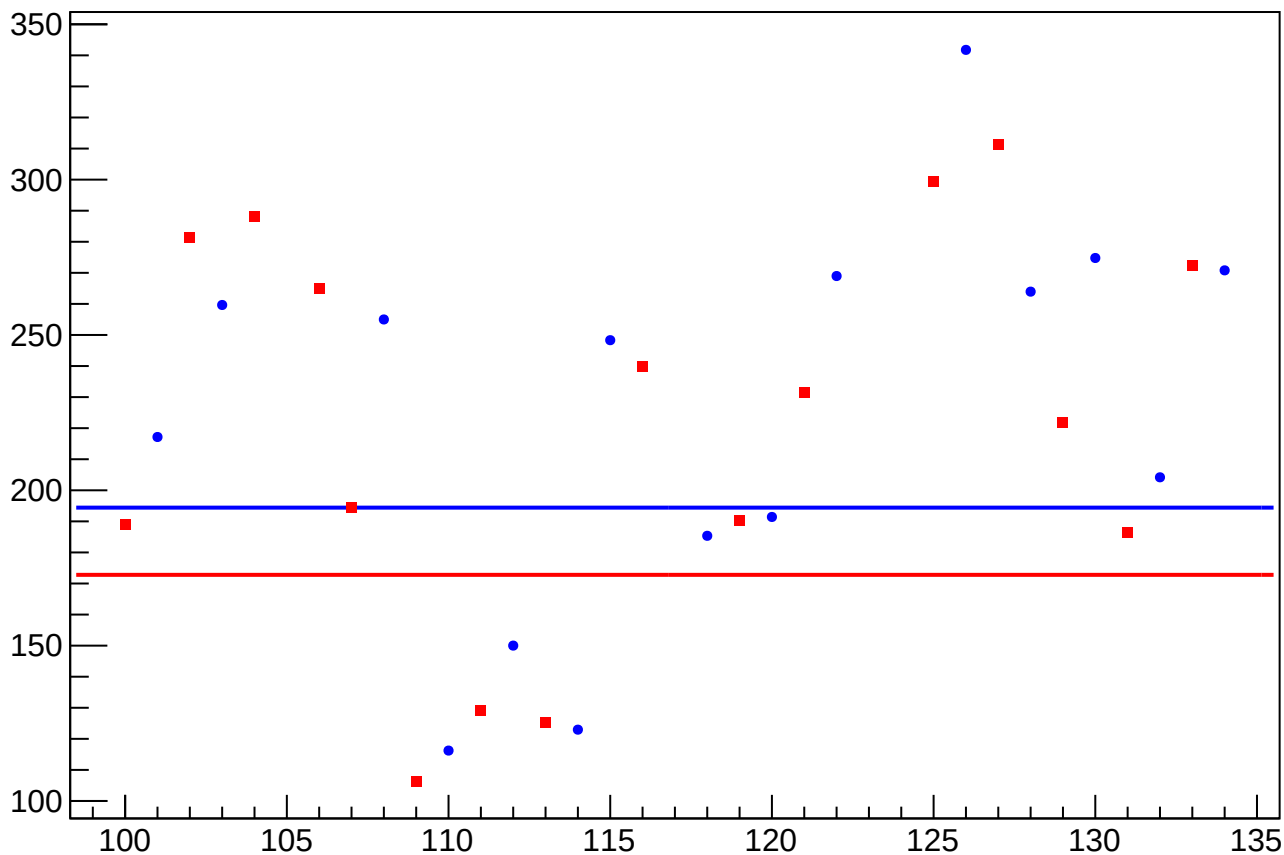
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 62.016 ± 54.808 χ^2/NDF : 25.1/30

- 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: 172.788+/-0.052 χ^2/NDF : 1594746.2/15

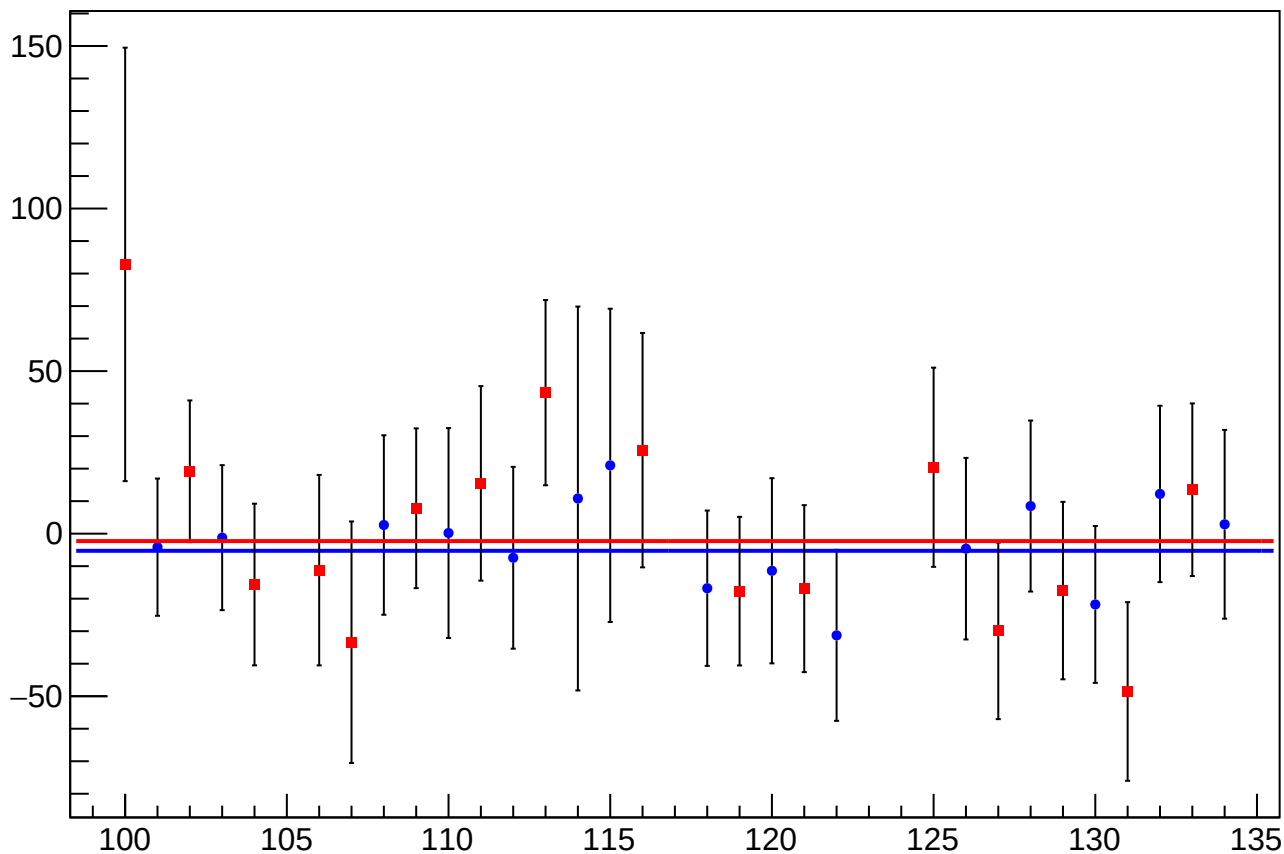
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.395+/-0.039 χ^2/NDF : 2723795.7/30

- 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+/-7.080 χ^2/NDF : 3.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.288+/-6.975 χ^2/NDF : 13.2/15

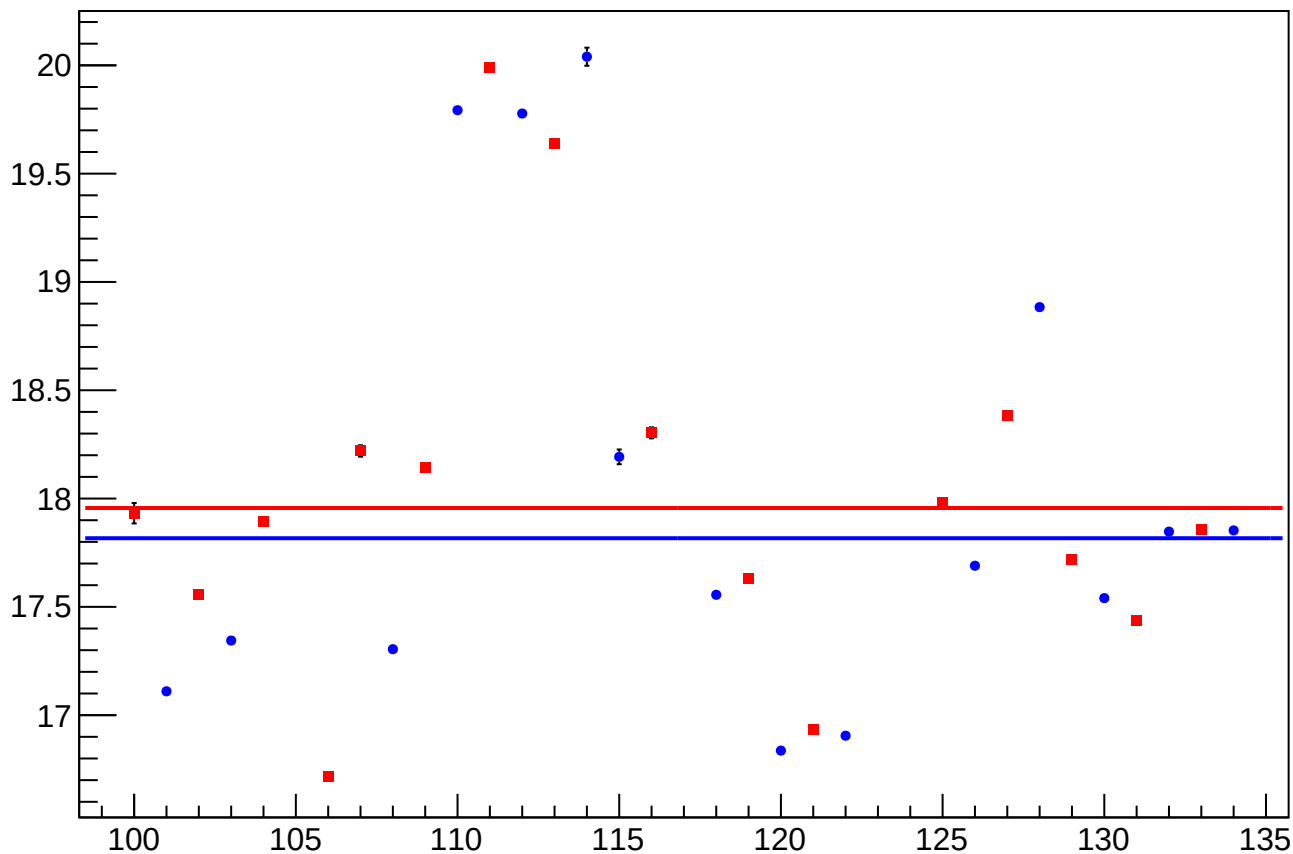
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.759+/-4.969 χ^2/NDF : 16.3/30

- sign 0.000+/-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: 17.956+/-0.005 χ^2/NDF : 25842.8/15

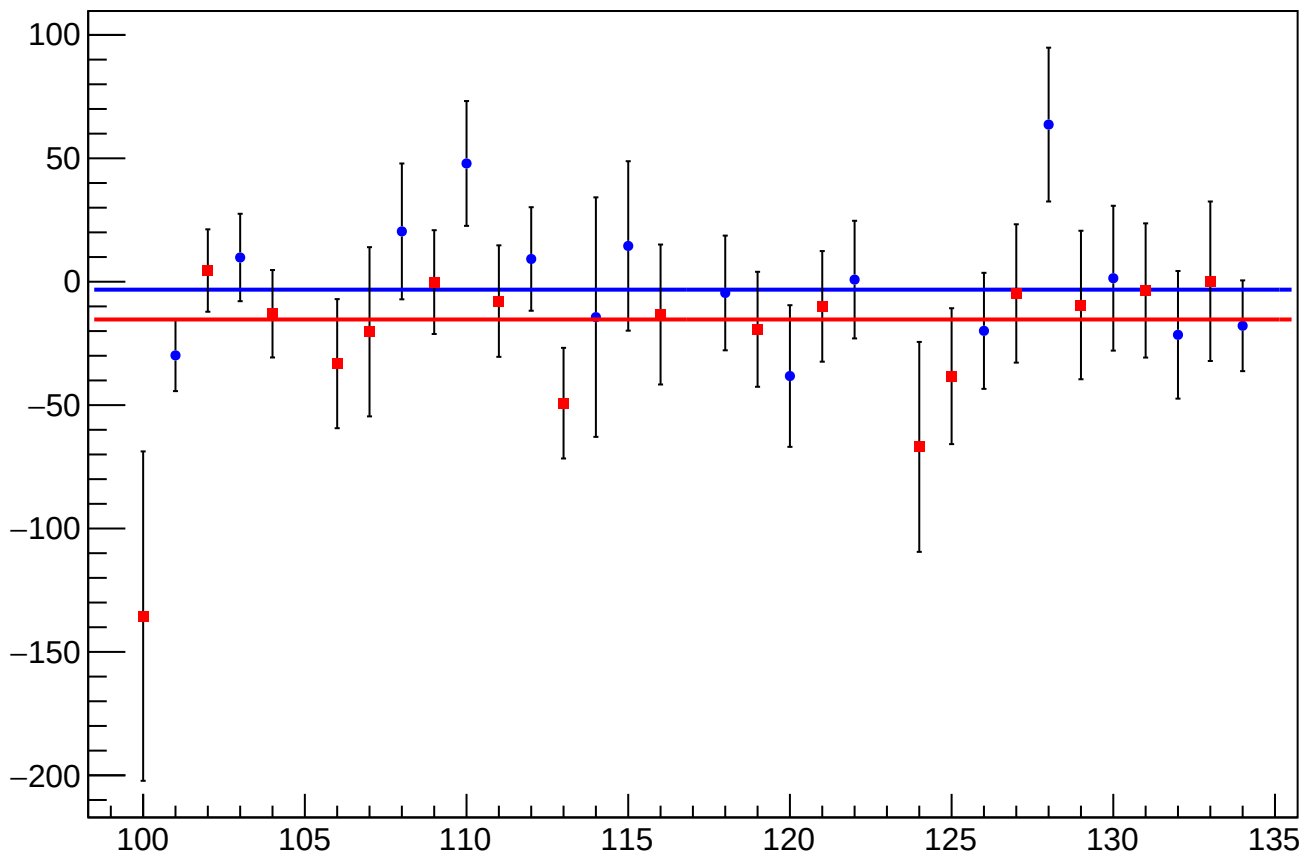
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.888+/-0.004 χ^2/NDF : 58965.7/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4acX_avg_mean vs Slug



Right In: -3.217 $\pm$ 6.012 χ^2 /NDF: 17.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -15.298 $\pm$ 6.068 χ^2 /NDF: 10.9/16

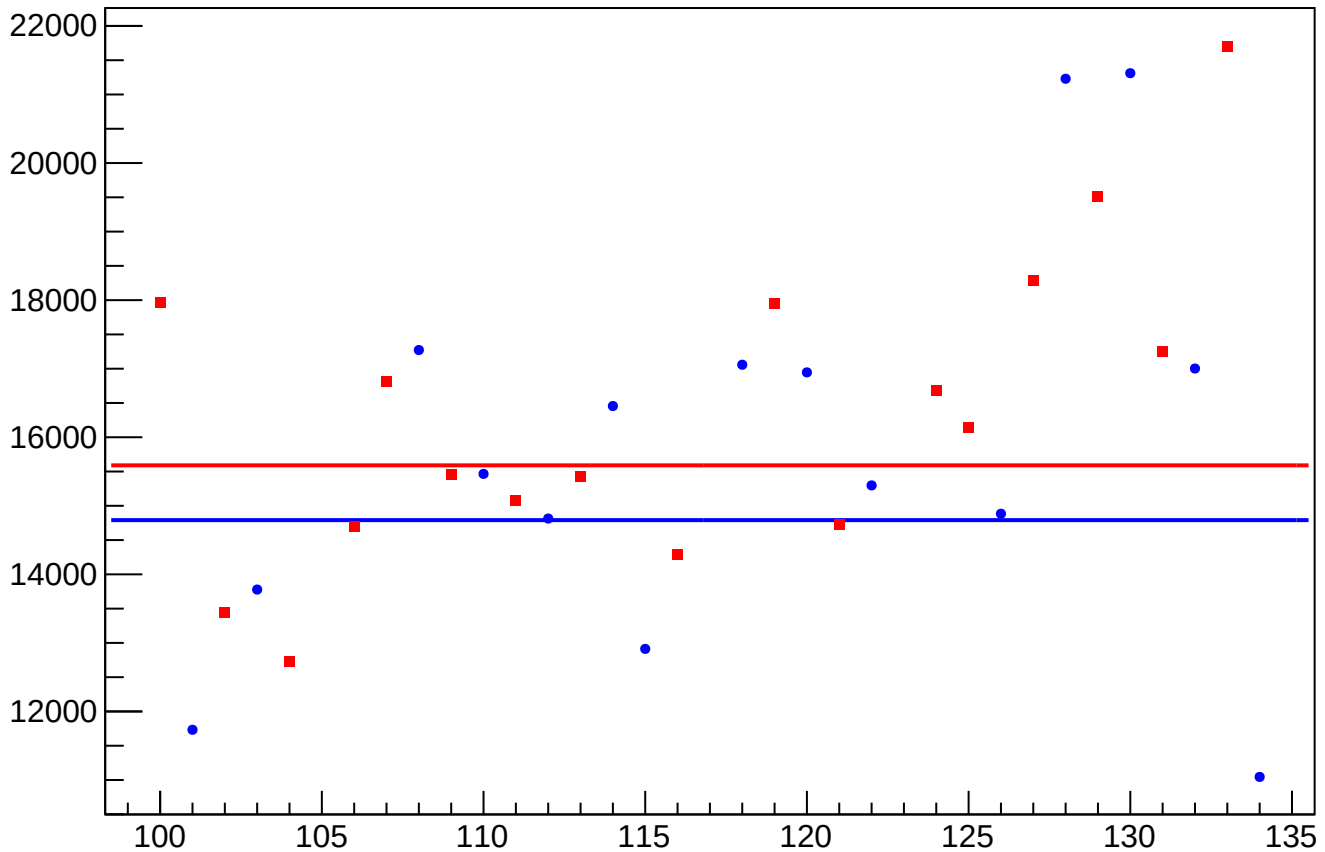
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -9.202 $\pm$ 4.271 χ^2 /NDF: 30.1/31

- sign 0.000 $\pm$ 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: 15590.060+/-4.291 χ^2/NDF : 255437.9/16

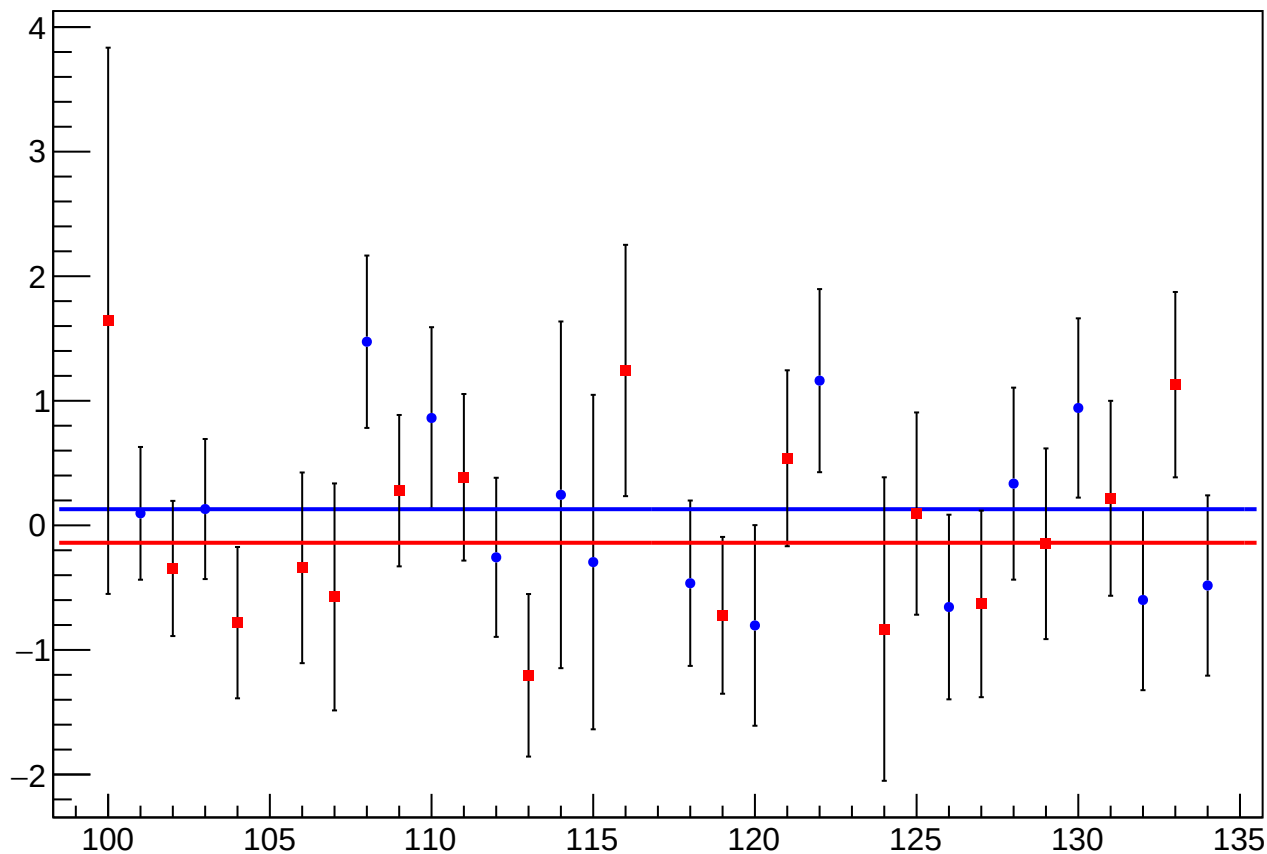
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15186.834+/-3.020 χ^2/NDF : 707605.6/31

- 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: -0.140 $\pm$ 0.179 χ^2 /NDF: 13.6/16

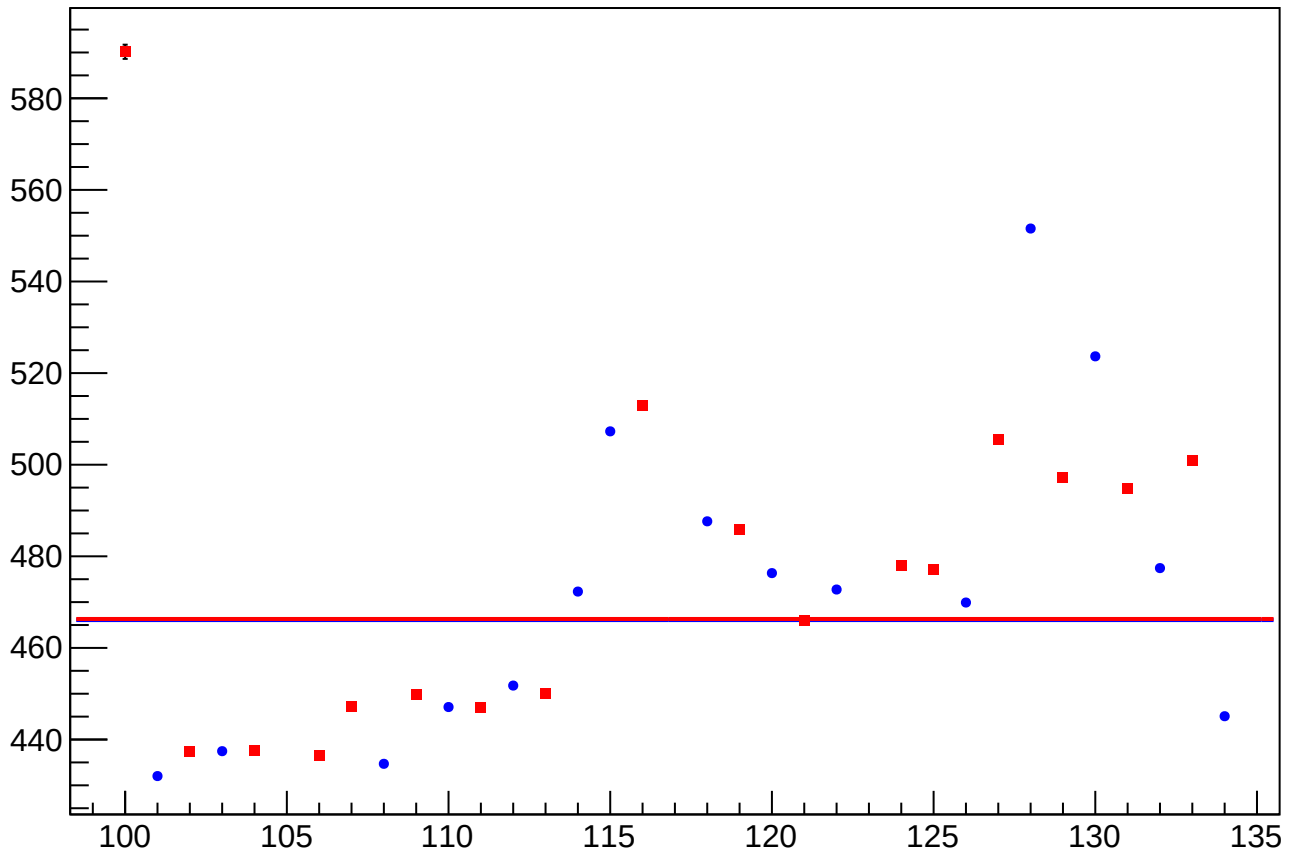
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.010 $\pm$ 0.129 χ^2 /NDF: 28.2/31

- 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: 466.321+/-0.127 χ^2/NDF : 47224.2/16

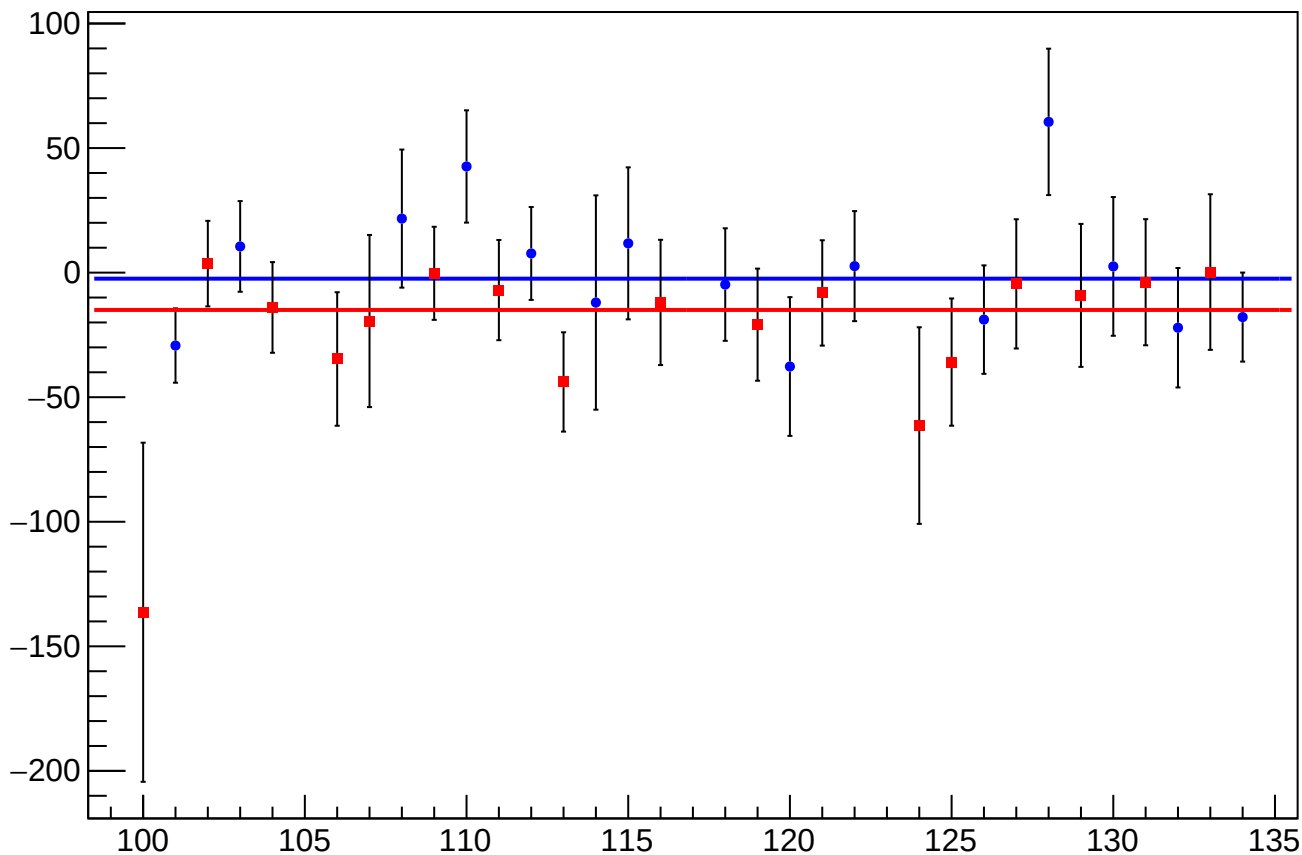
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 466.203+/-0.091 χ^2/NDF : 111212.9/31

- 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: -14.978+/-5.776 χ^2/NDF : 10.7/16

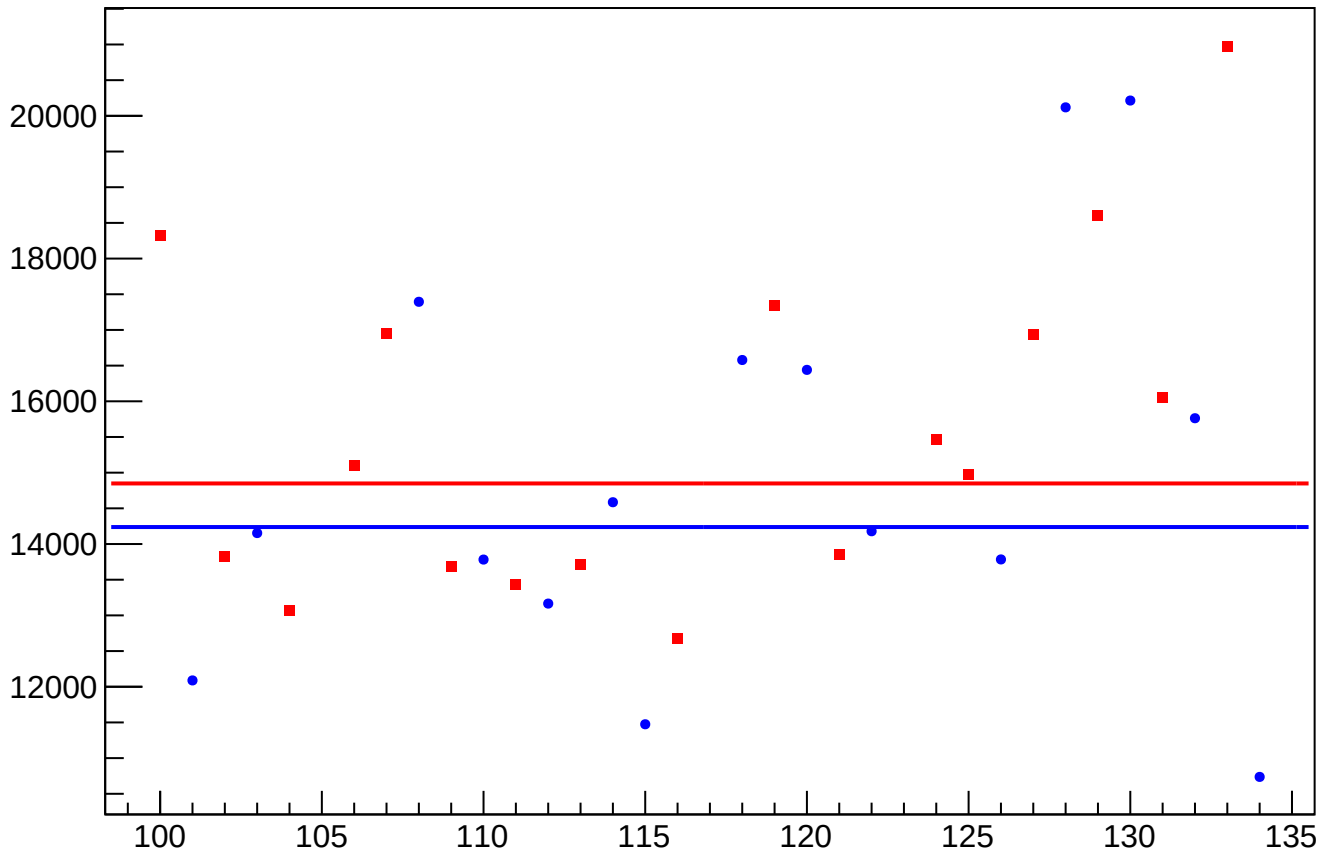
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.697+/-4.083 χ^2/NDF : 30.4/31

- 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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

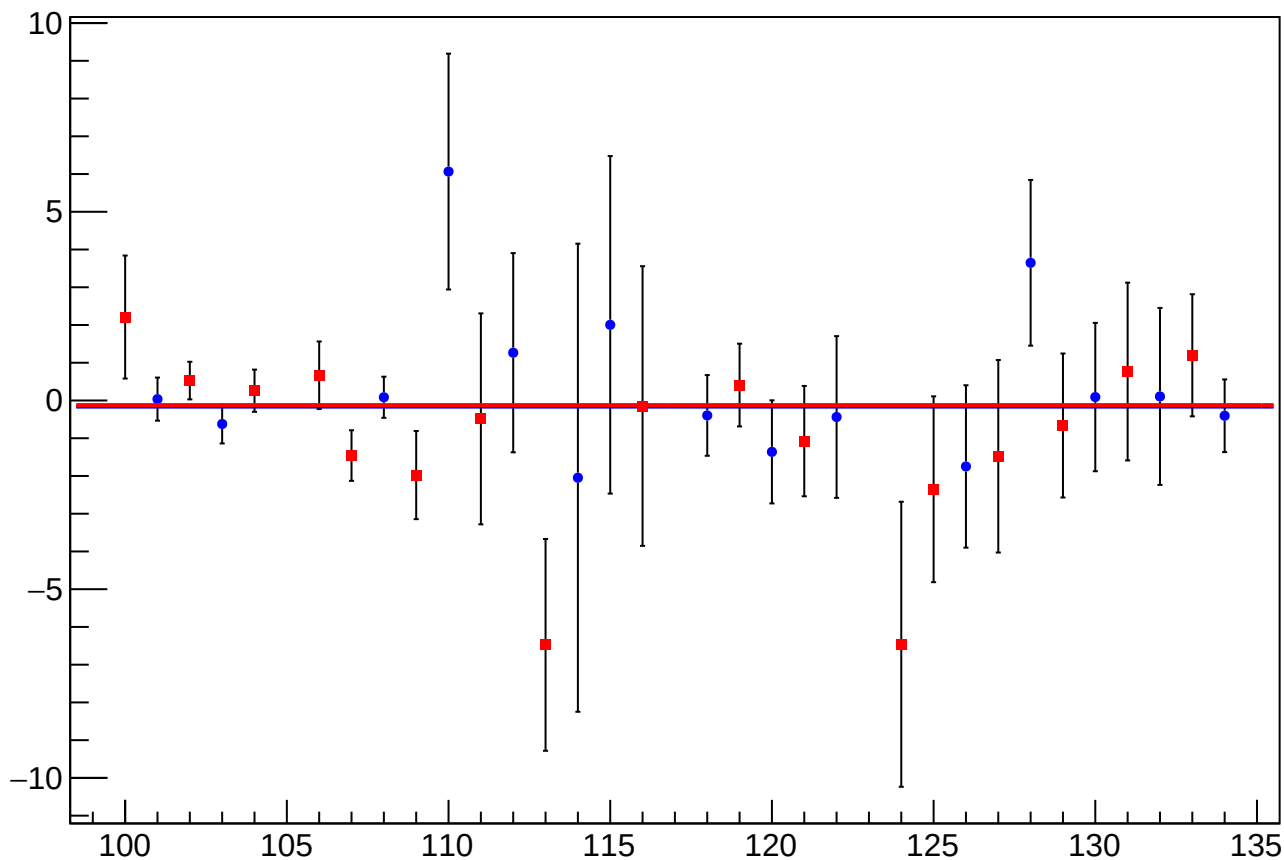
Right Out: 14848.802 $\pm$ 4.084 χ^2 /NDF: 236673.8/16

All: 14543.259 $\pm$ 2.887 χ^2 /NDF: 631309.6/30

- 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_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: -0.122 ± 0.261 χ^2/NDF : 22.1/16

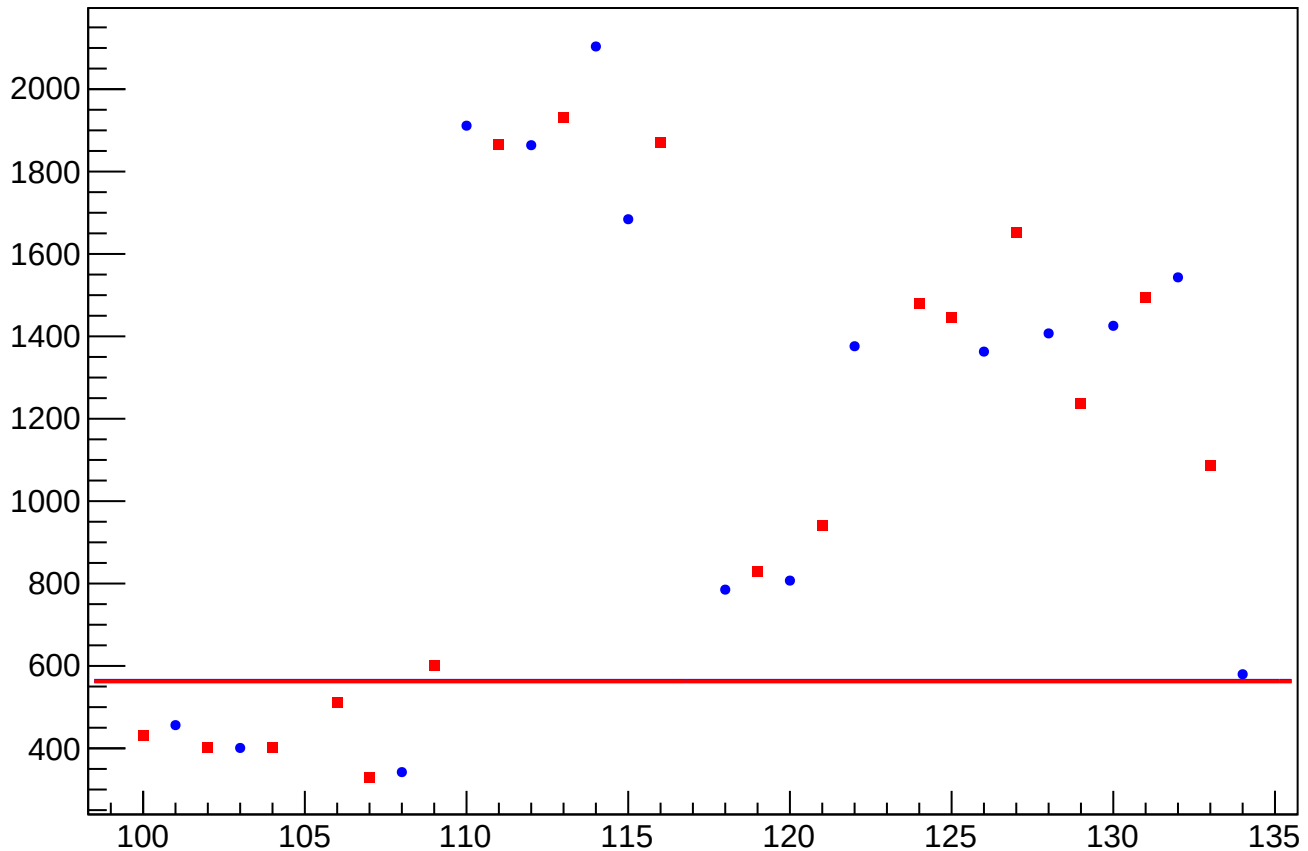
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.142 ± 0.186 χ^2/NDF : 32.3/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4eX_dd_rms vs Slug



Right In: 563.697+/-0.188 χ^2/NDF : 3449940.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 562.487+/-0.185 χ^2/NDF : 3566852.7/16

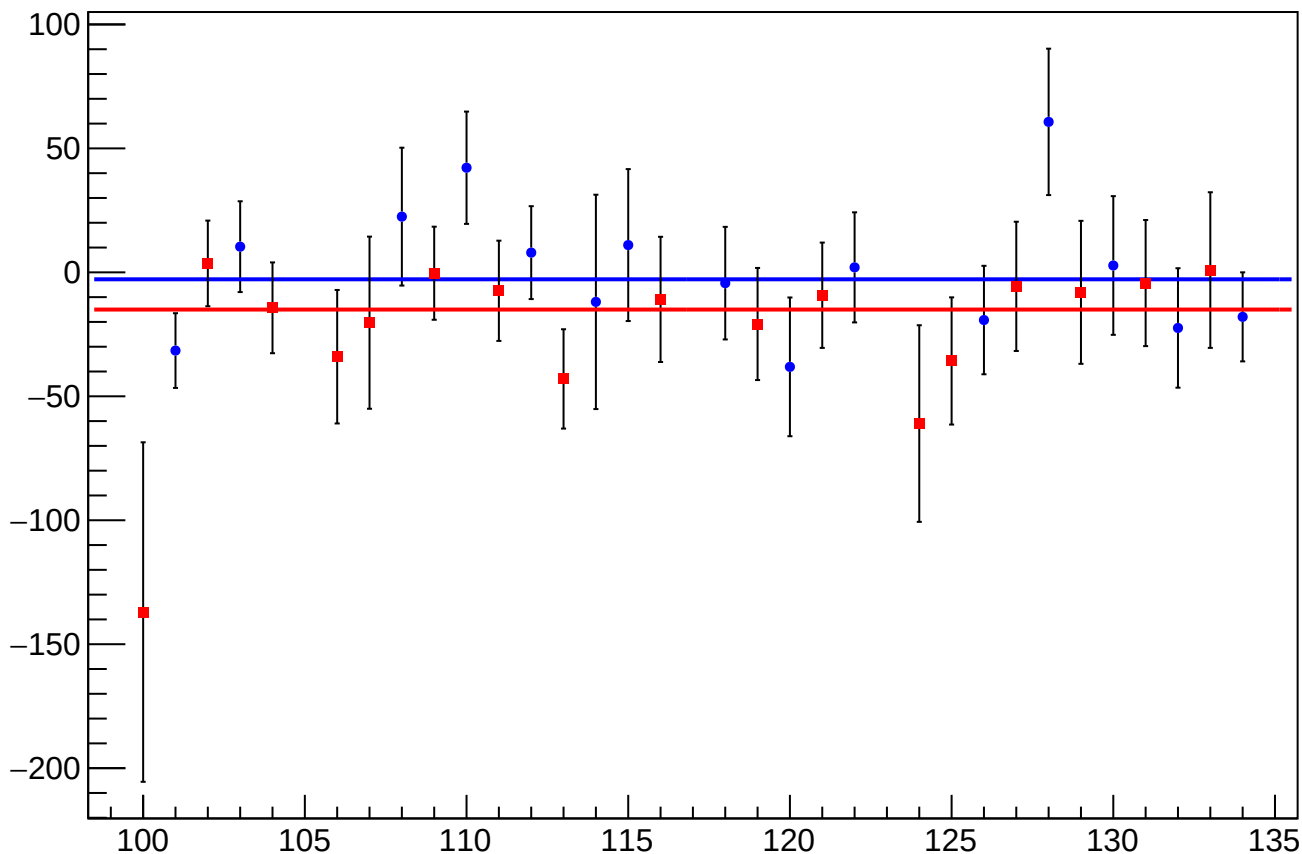
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 563.080+/-0.132 χ^2/NDF : 7016814.4/31

- sign 0.000+/-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: -15.008+/-5.806 χ^2/NDF : 10.3/16

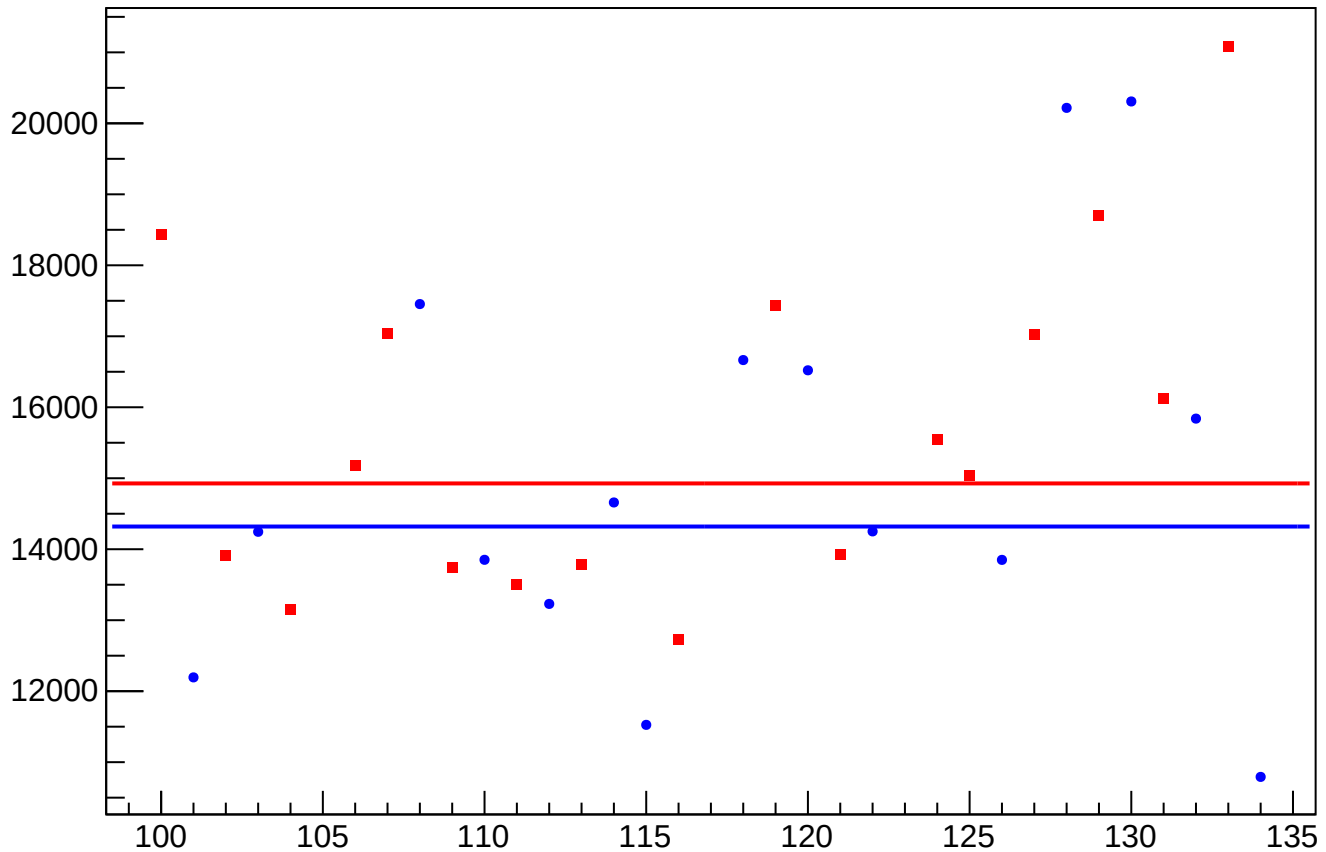
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.907+/-4.106 χ^2/NDF : 30.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4ecX_avg_rms vs Slug



Right In: 14319.745+/-4.106 χ^2/NDF : 380806.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14926.968+/-4.106 χ^2/NDF : 236056.0/16

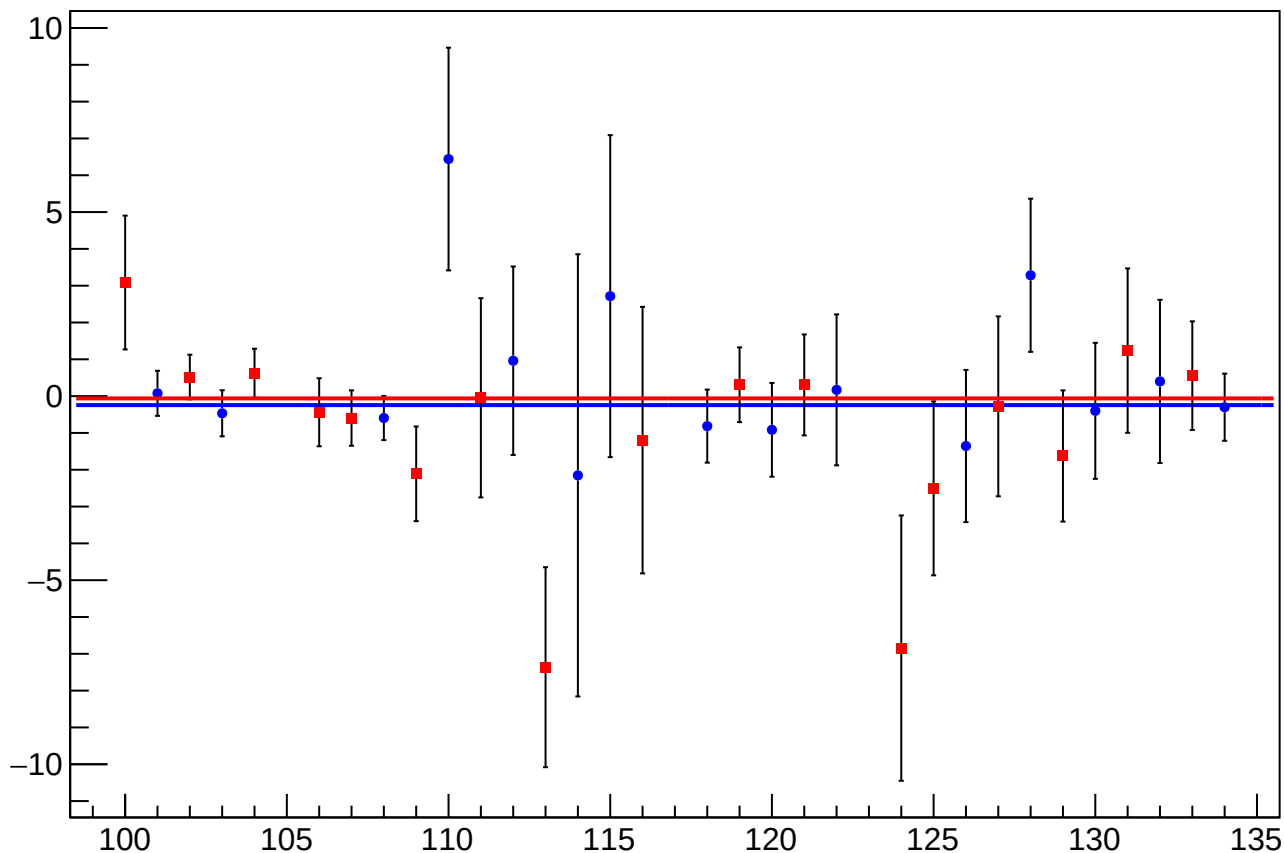
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14623.365+/-2.903 χ^2/NDF : 627798.8/31

- sign 0.000+/-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: -0.062 ± 0.288 χ^2/NDF : 21.6/16

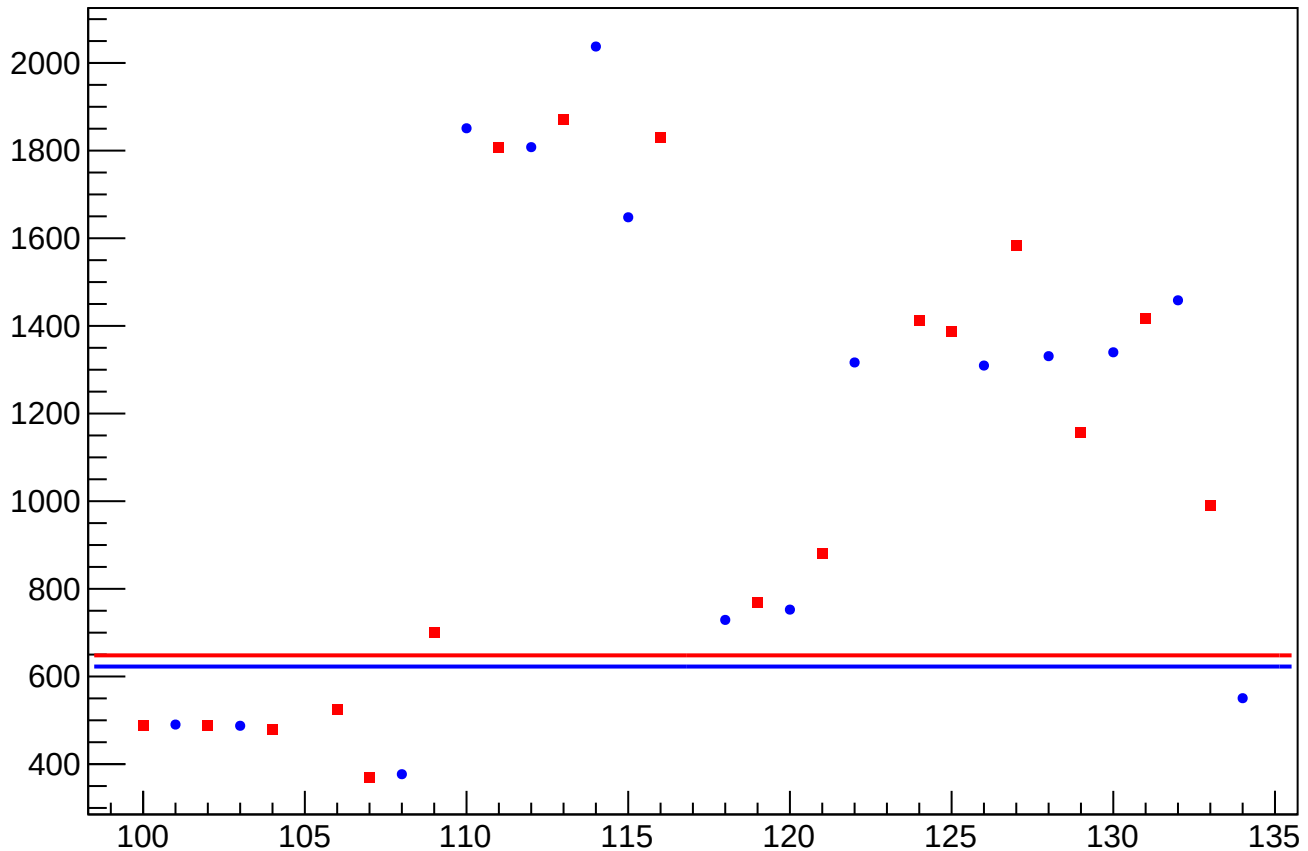
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.154 ± 0.202 χ^2/NDF : 32.1/31

- 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: 648.200+/-0.203 χ^2/NDF : 2754464.6/16

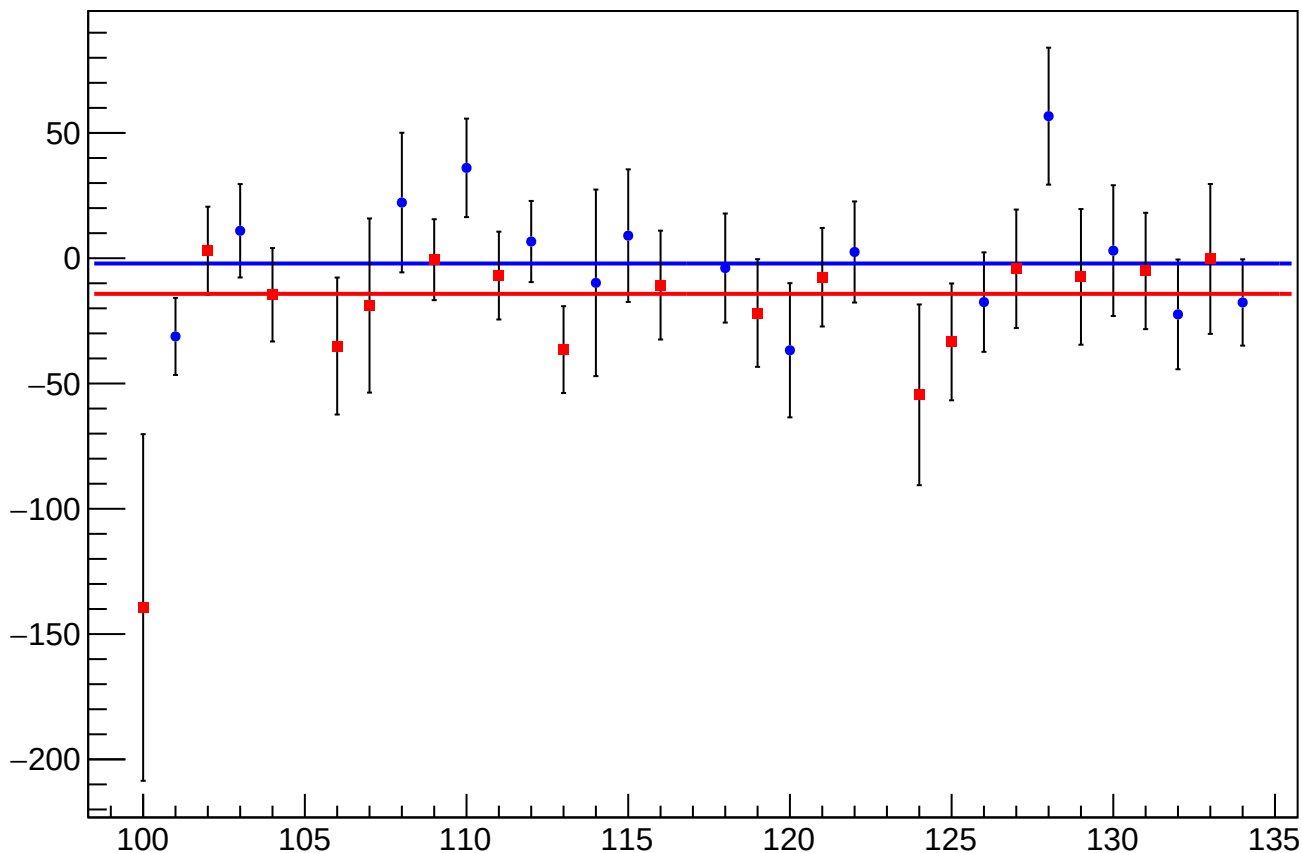
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 635.298+/-0.143 χ^2/NDF : 5587530.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4eX_4ecX_avg_mean vs Slug



Right In: -2.104+/-5.447 χ^2/NDF : 17.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.218+/-5.383 χ^2/NDF : 10.2/16

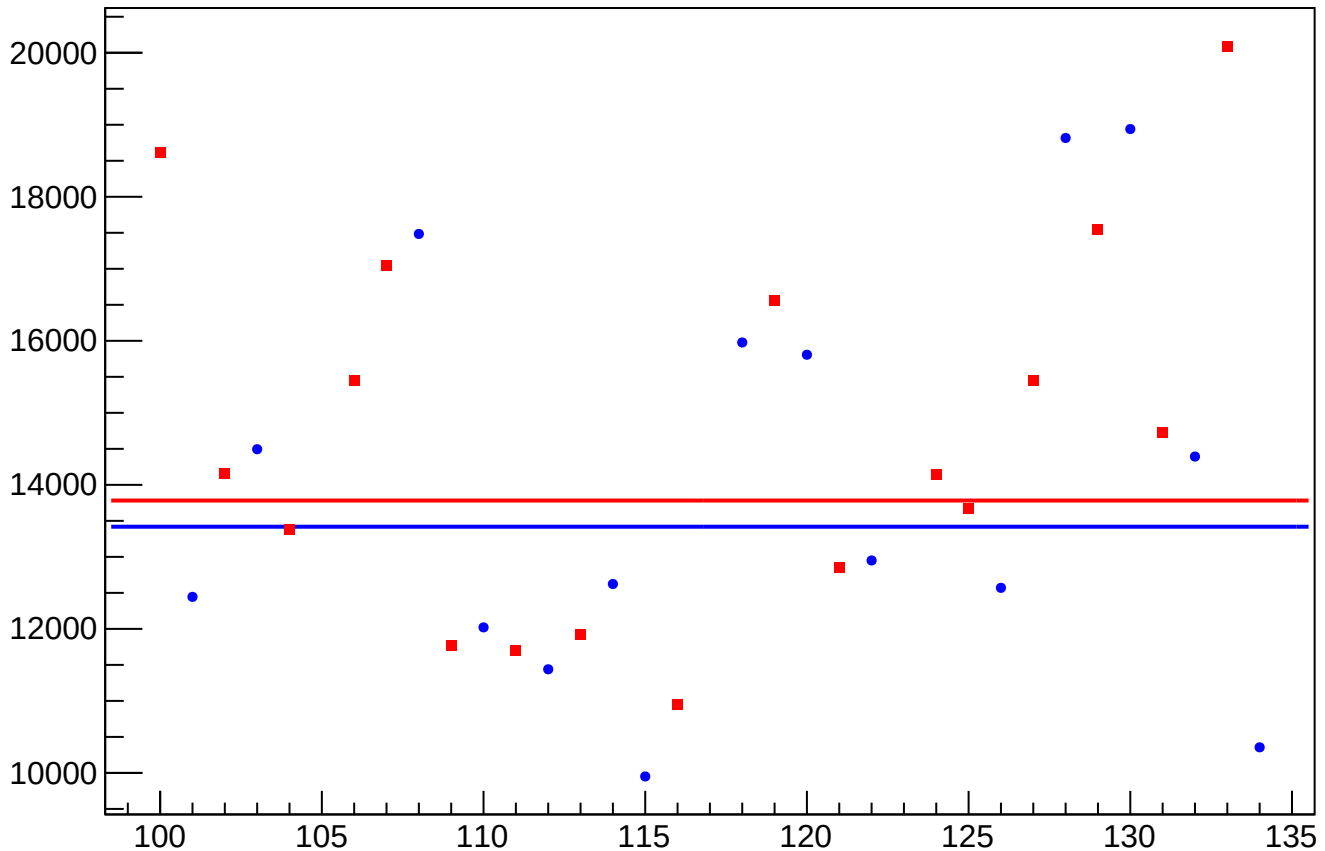
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.233+/-3.829 χ^2/NDF : 30.5/31

- sign 0.000+/-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: 13782.288+/-3.806 χ^2/NDF : 331967.1/16

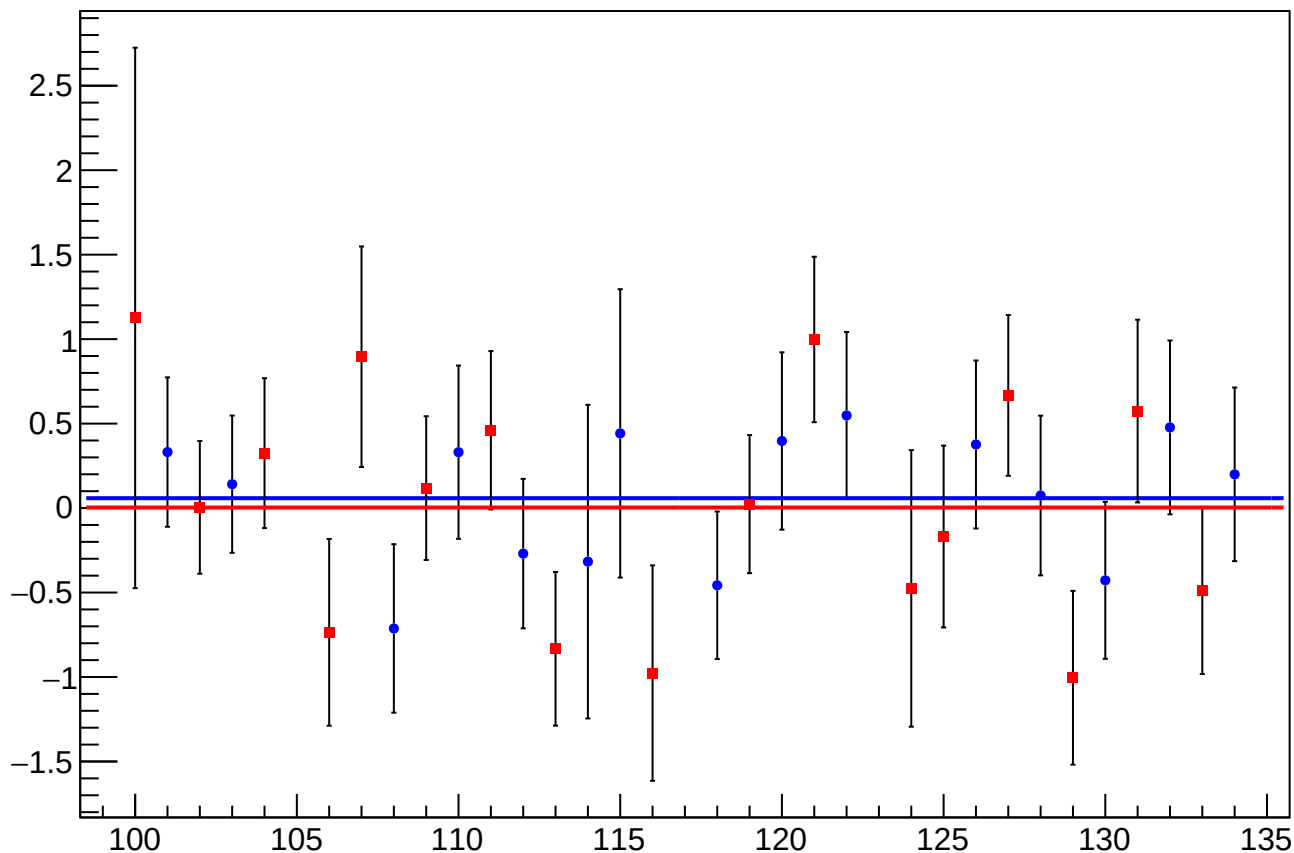
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13602.632+/-2.707 χ^2/NDF : 752044.8/31

- 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: 0.003 $\pm$ 0.123 χ^2 /NDF: 23.9/16

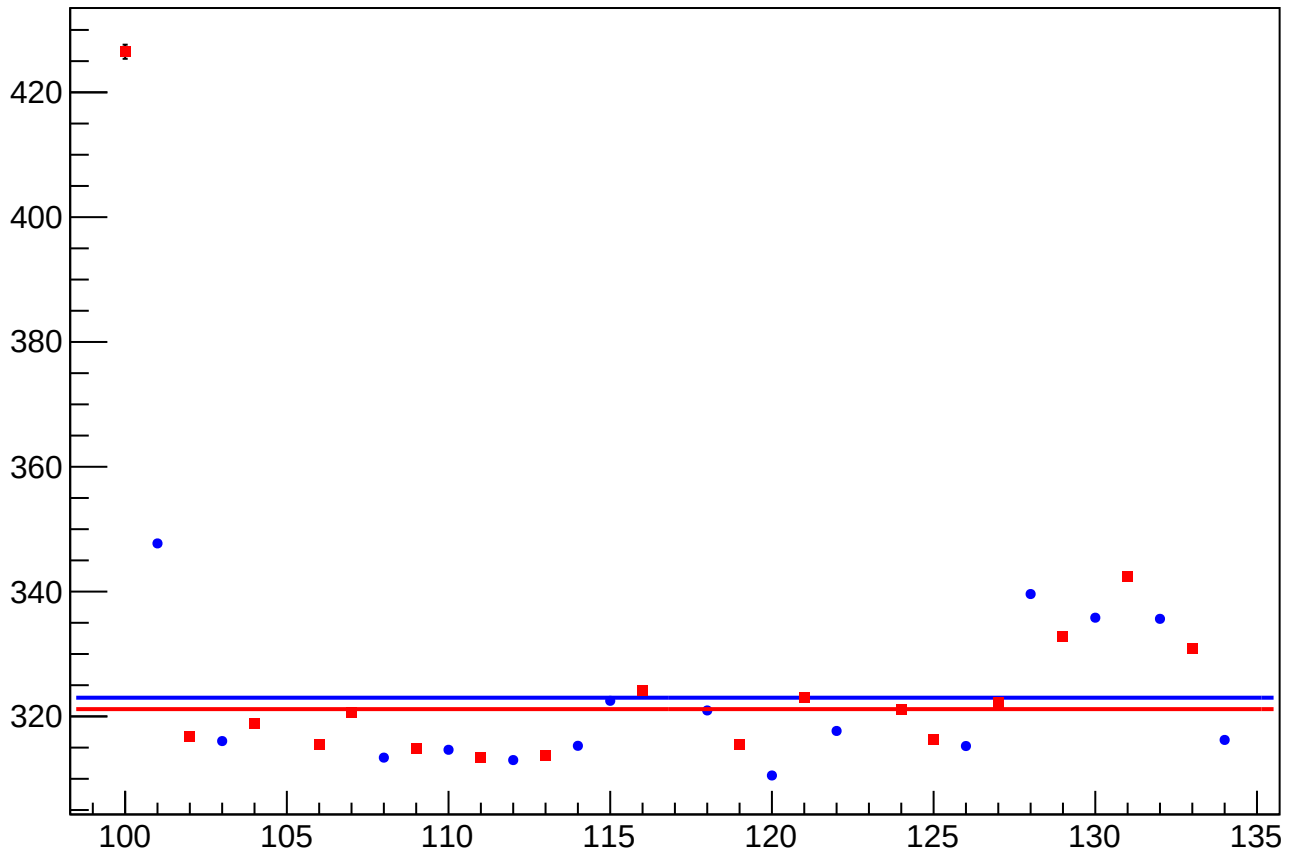
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.030 $\pm$ 0.089 χ^2 /NDF: 33.1/31

- 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: 321.167 $\pm$ 0.087 χ^2 /NDF: 16226.7/16

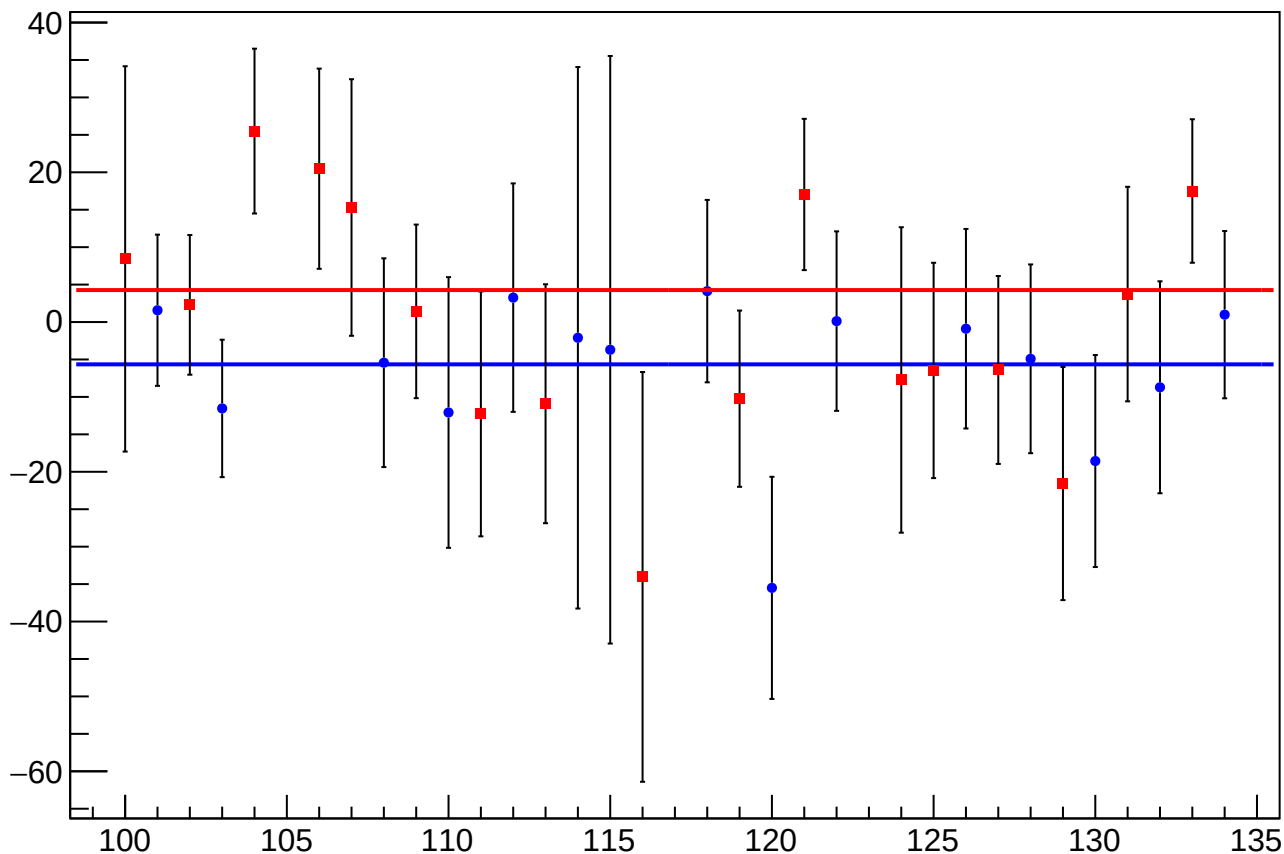
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 322.042 $\pm$ 0.063 χ^2 /NDF: 33141.9/31

- 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: 4.269+/-3.207 χ^2/NDF : 19.0/16

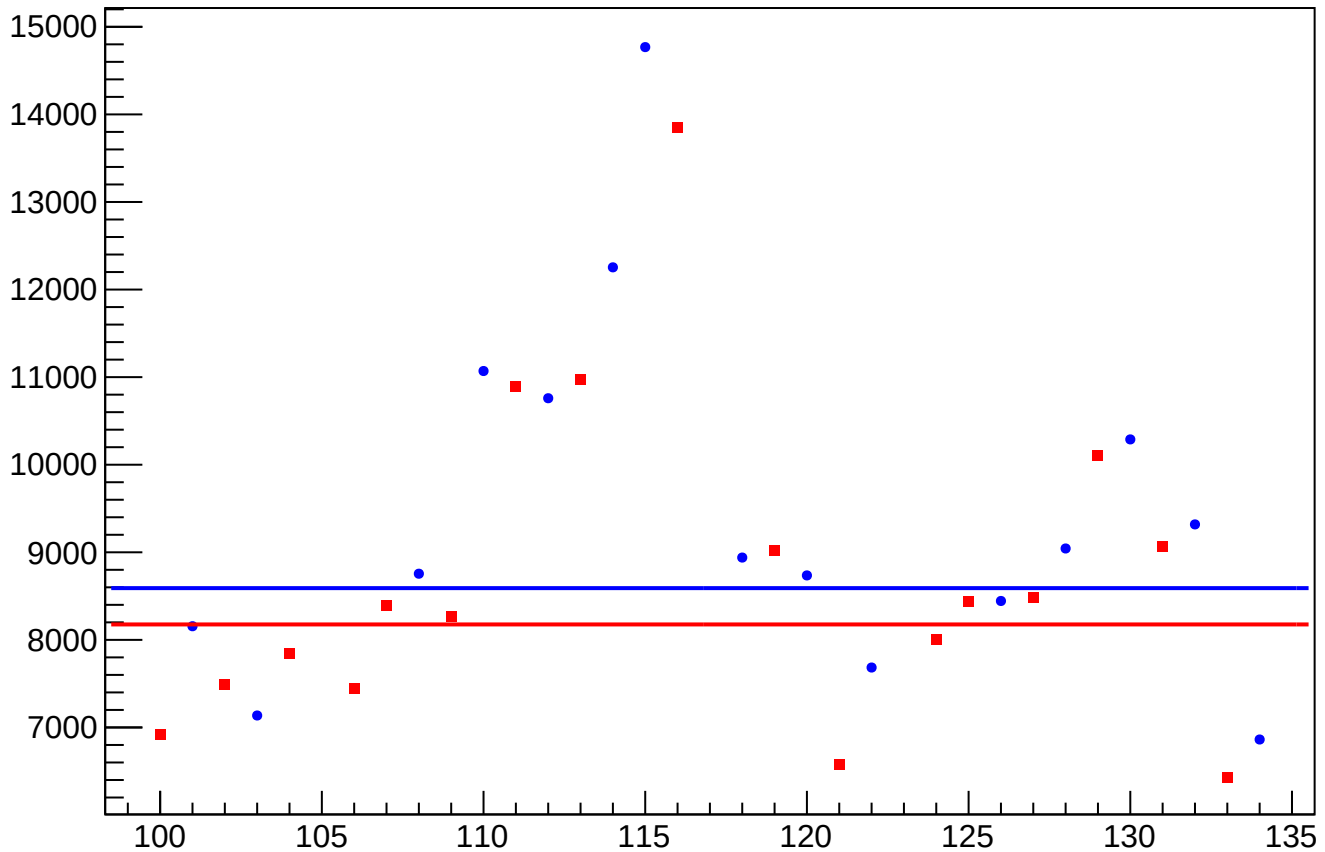
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.322+/-2.351 χ^2/NDF : 31.2/31

- 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: 8176.241 $\pm$ 2.268 χ^2 /NDF: 393664.3/16

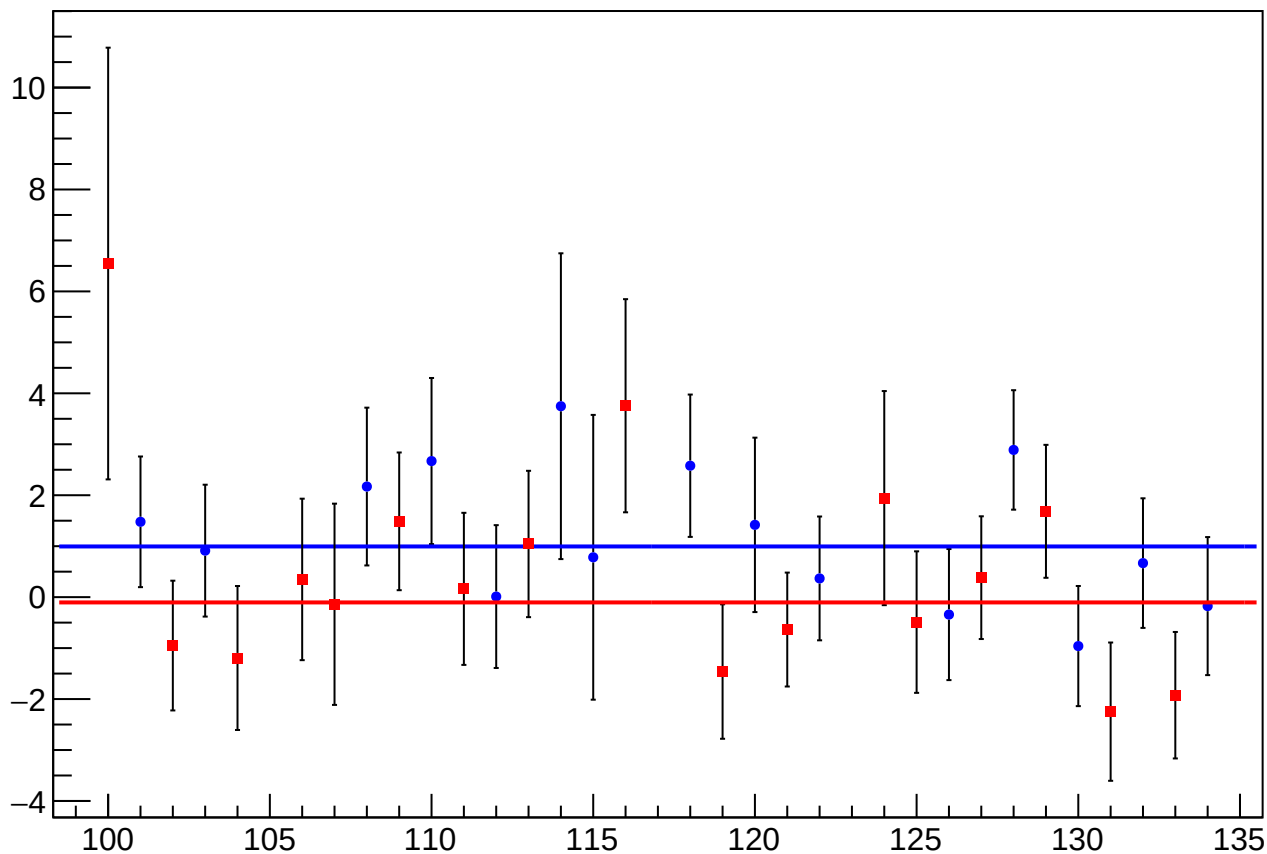
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8368.156 $\pm$ 1.662 χ^2 /NDF: 709535.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4acY_dd_mean vs Slug



Right In: 0.995 $\pm$ 0.365 χ^2 /NDF: 12.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.104 $\pm$ 0.351 χ^2 /NDF: 18.0/16

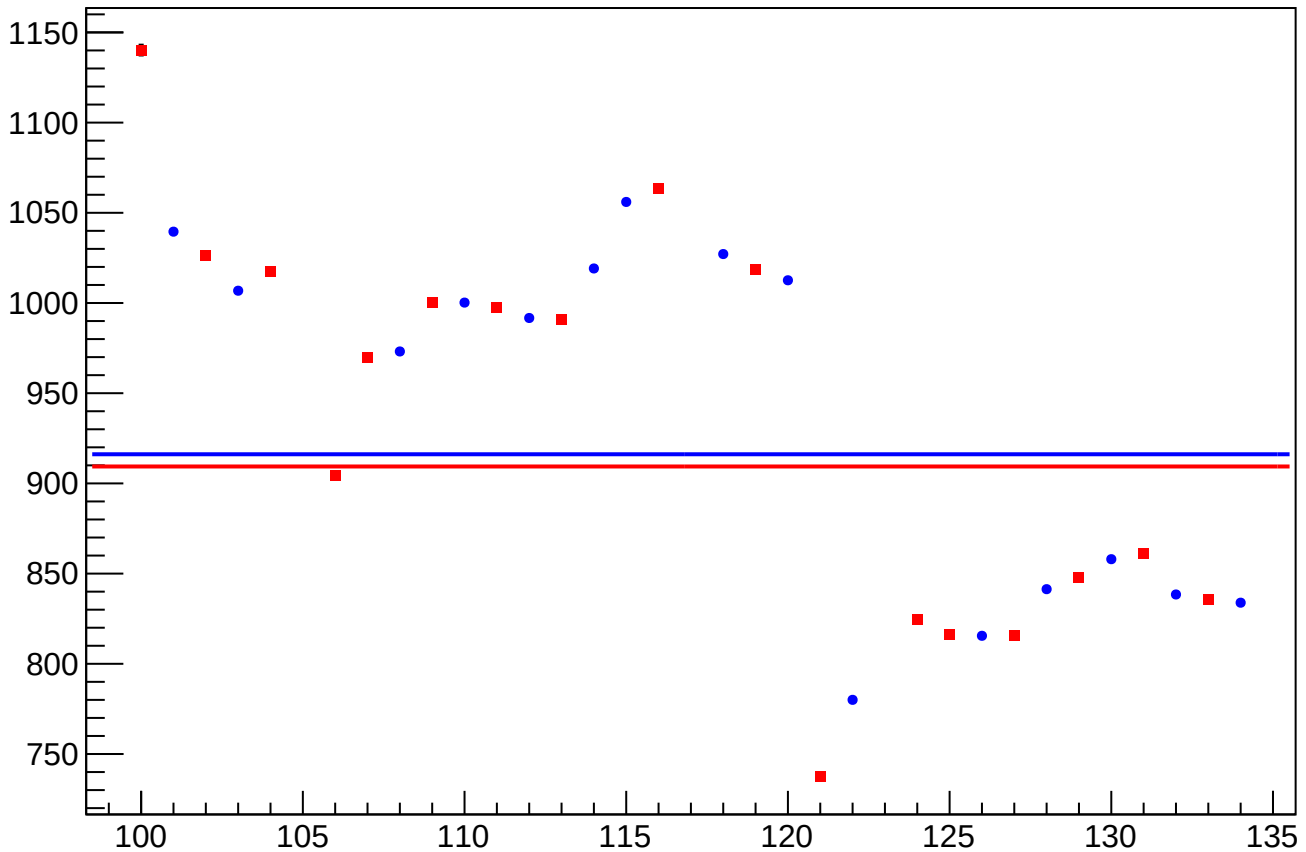
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.423 $\pm$ 0.253 χ^2 /NDF: 34.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /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

Right Out: 909.379 $\pm$ 0.248 χ^2 /NDF: 169081.8/16

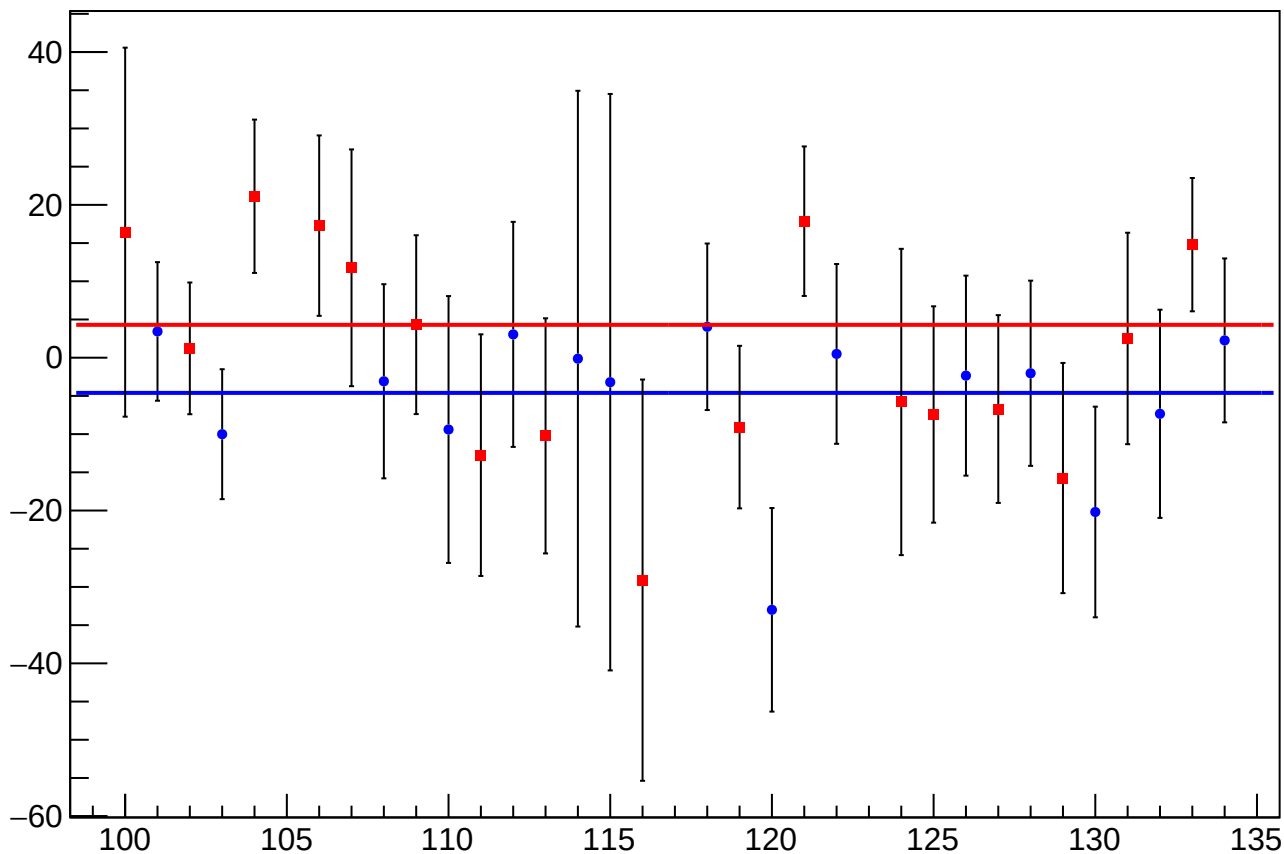
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 912.629 $\pm$ 0.179 χ^2 /NDF: 303185.3/31

- sign 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: 4.300+/-3.021 χ^2/NDF : 16.8/16

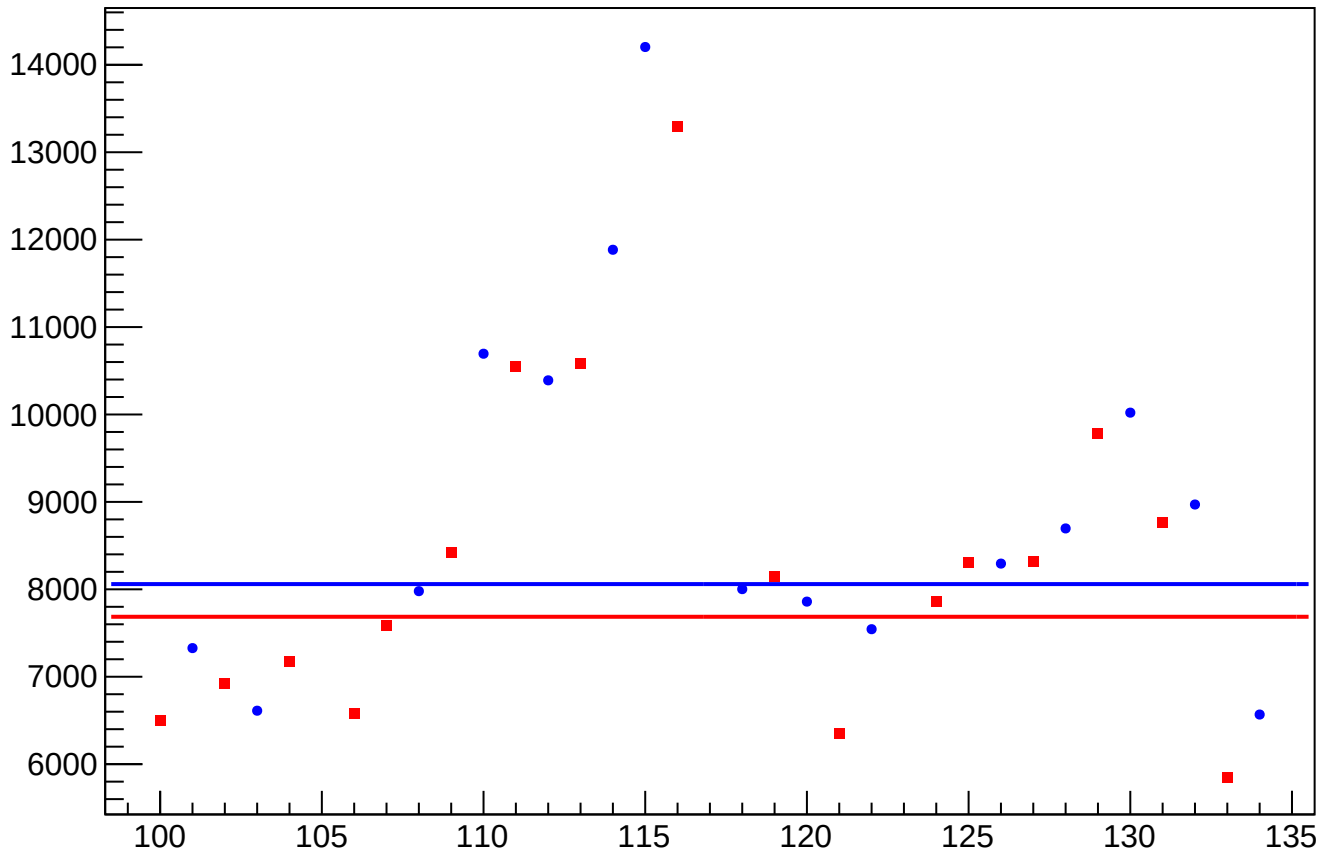
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.168+/-2.211 χ^2/NDF : 29.6/31

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

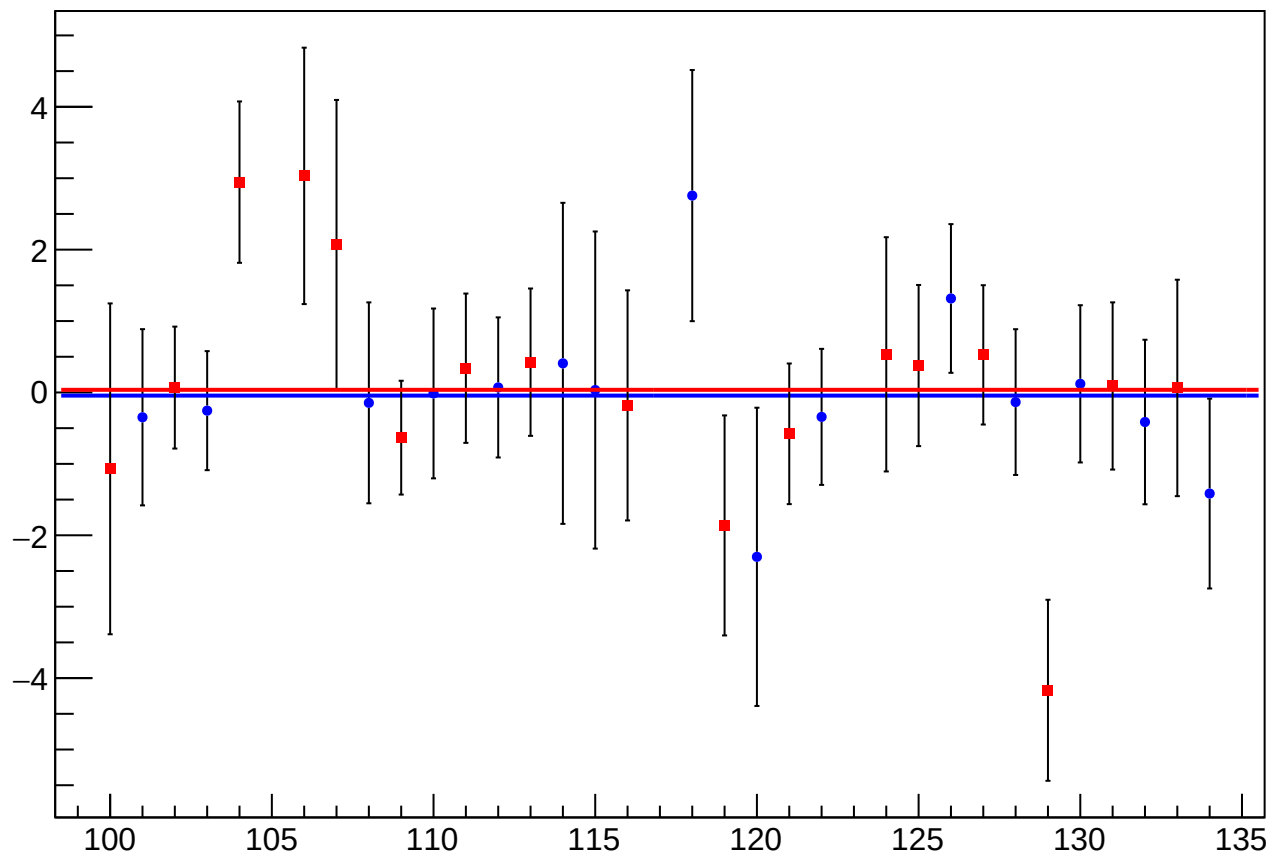
Right Out: 7686.010+/-2.136 χ^2/NDF : 468249.6/16

All: 7859.459+/-1.564 χ^2/NDF : 824798.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 0.037 ± 0.287 χ^2/NDF : 25.0/16

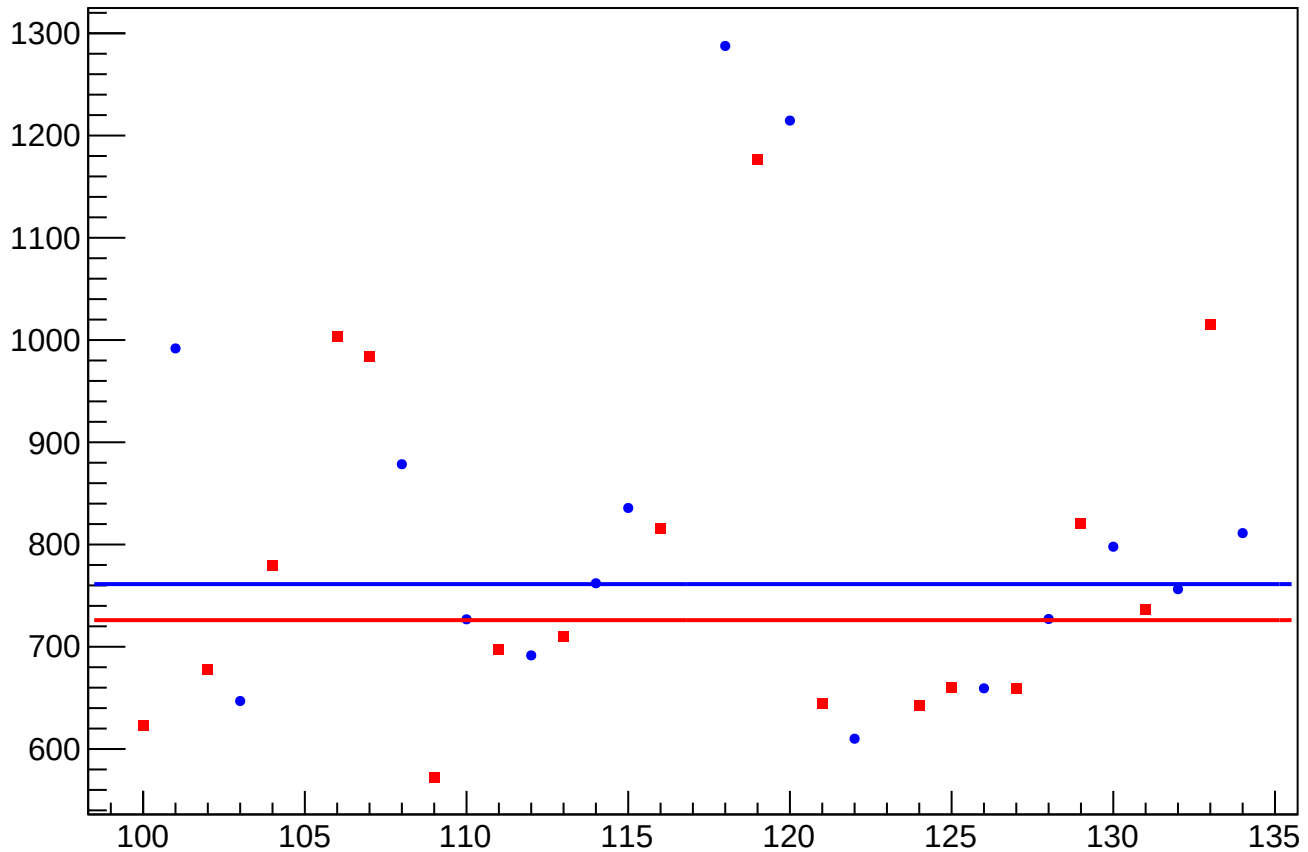
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.210 χ^2/NDF : 31.9/31

- 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: 726.038 $\pm$ 0.203 χ^2 /NDF: 467169.7/16

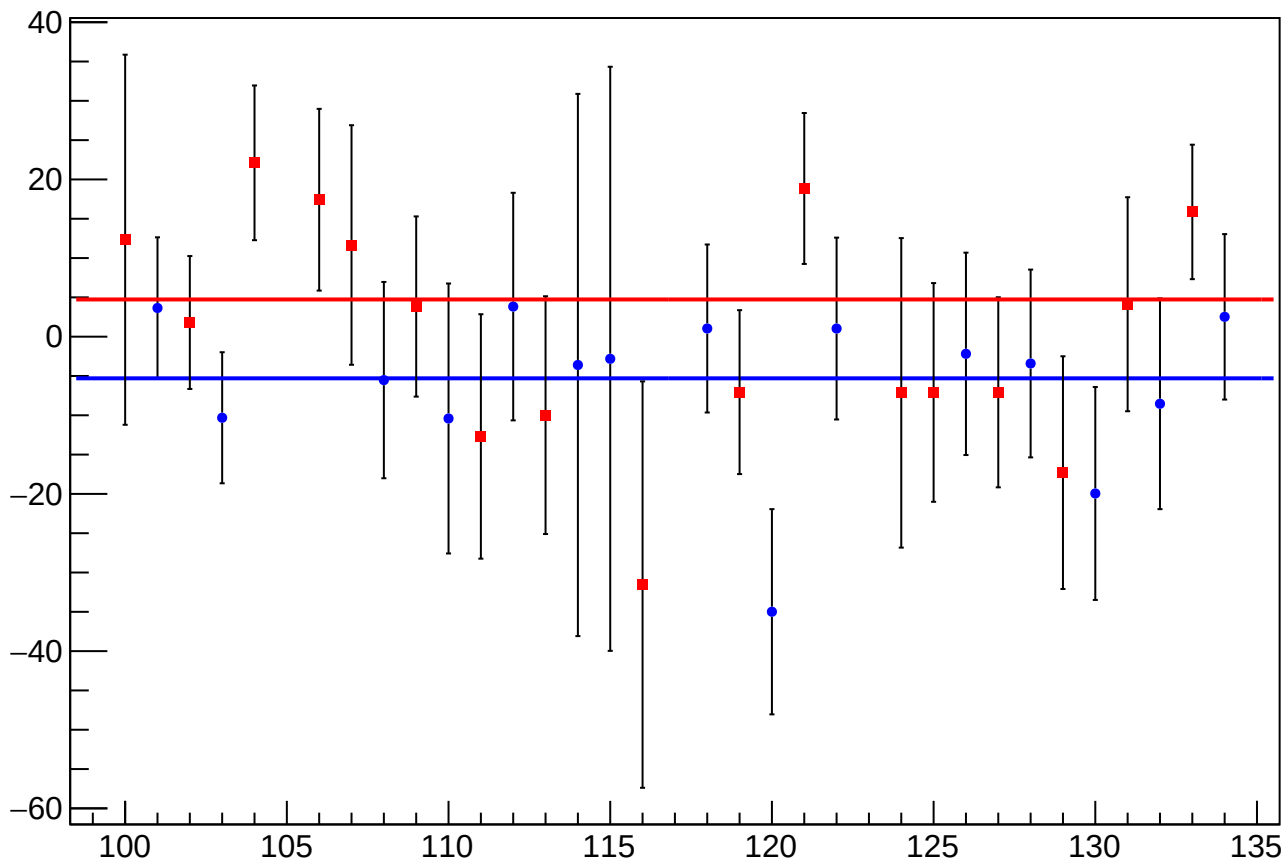
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 742.311 $\pm$ 0.149 χ^2 /NDF: 966779.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4ecY_avg_mean vs Slug



Right In: -5.299 $\pm$ 3.193 χ^2 /NDF: 9.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.734 $\pm$ 2.964 χ^2 /NDF: 18.3/16

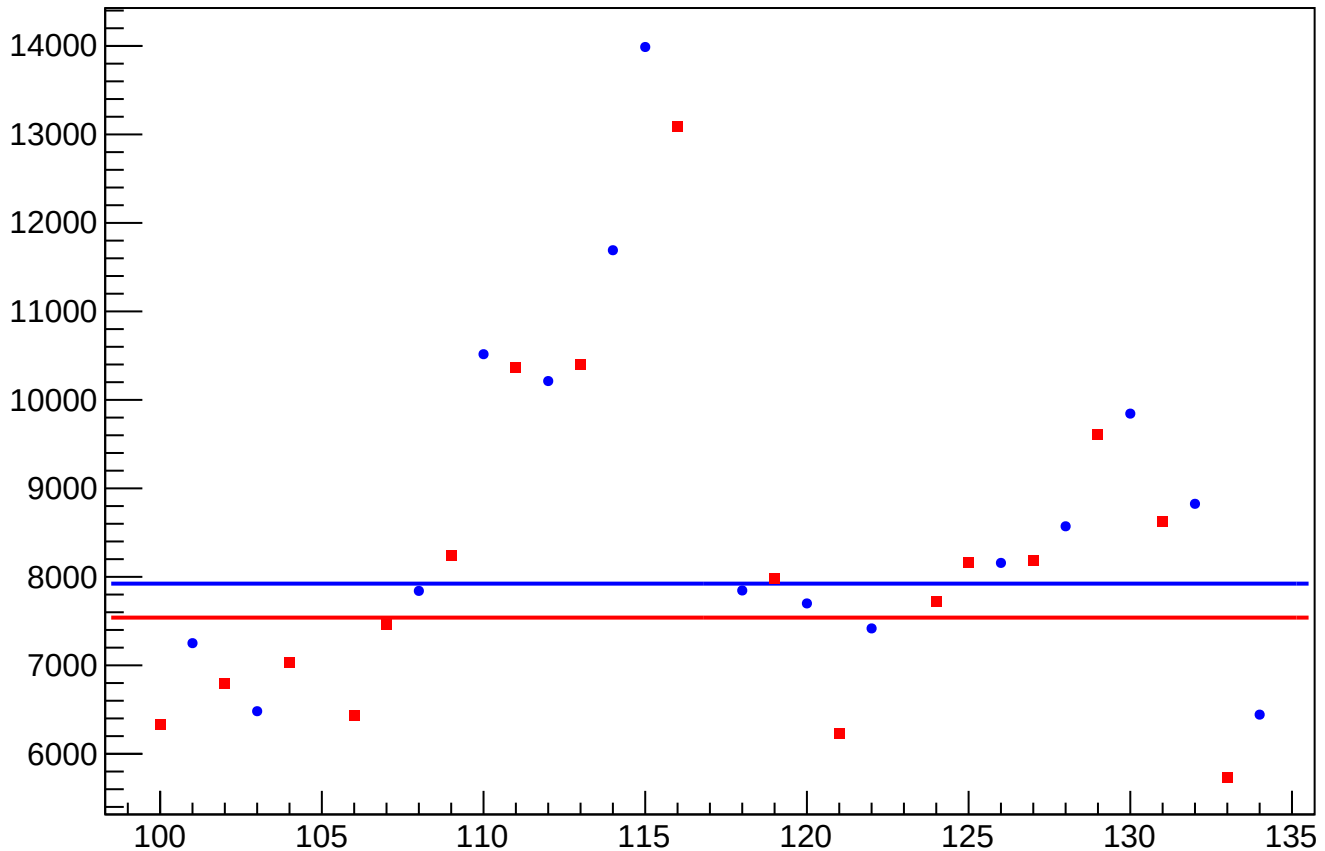
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.089 $\pm$ 2.172 χ^2 /NDF: 33.2/31

- sign 0.000 $\pm$ 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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

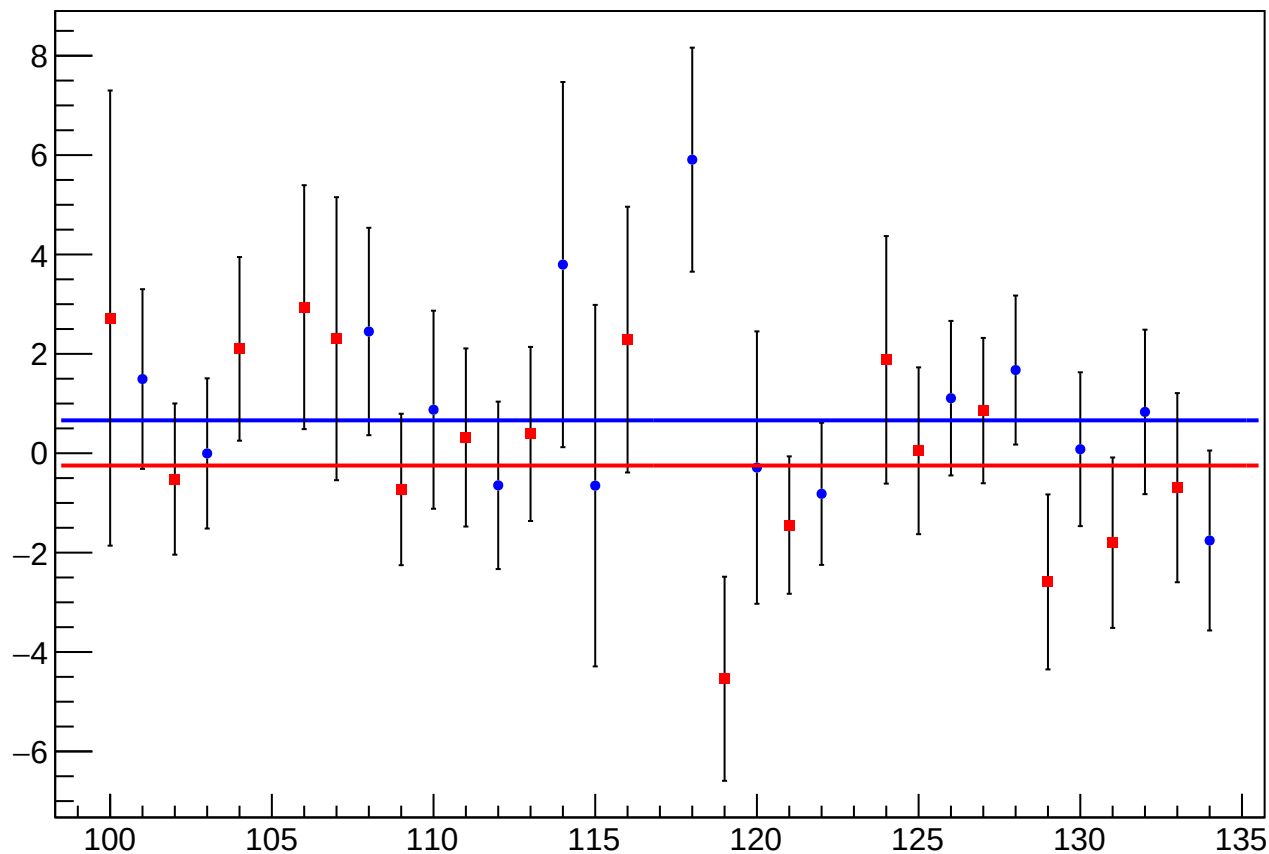
Right Out: 7539.498 $\pm$ 2.096 χ^2 /NDF: 473224.2/16

All: 7717.253 $\pm$ 1.536 χ^2 /NDF: 832664.7/31

- 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

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: -0.247 ± 0.449 χ^2/NDF : 14.9/16

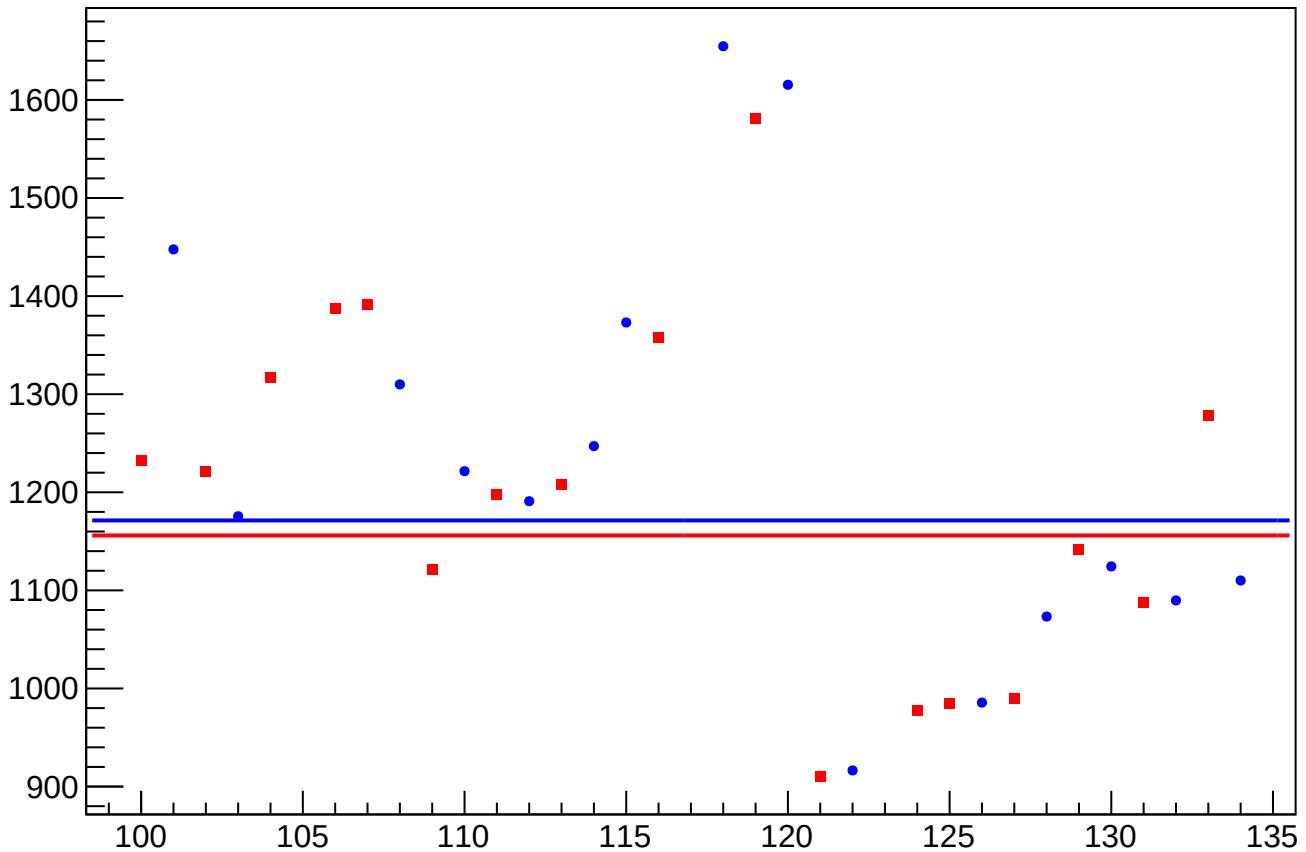
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.185 ± 0.325 χ^2/NDF : 28.5/31

- 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

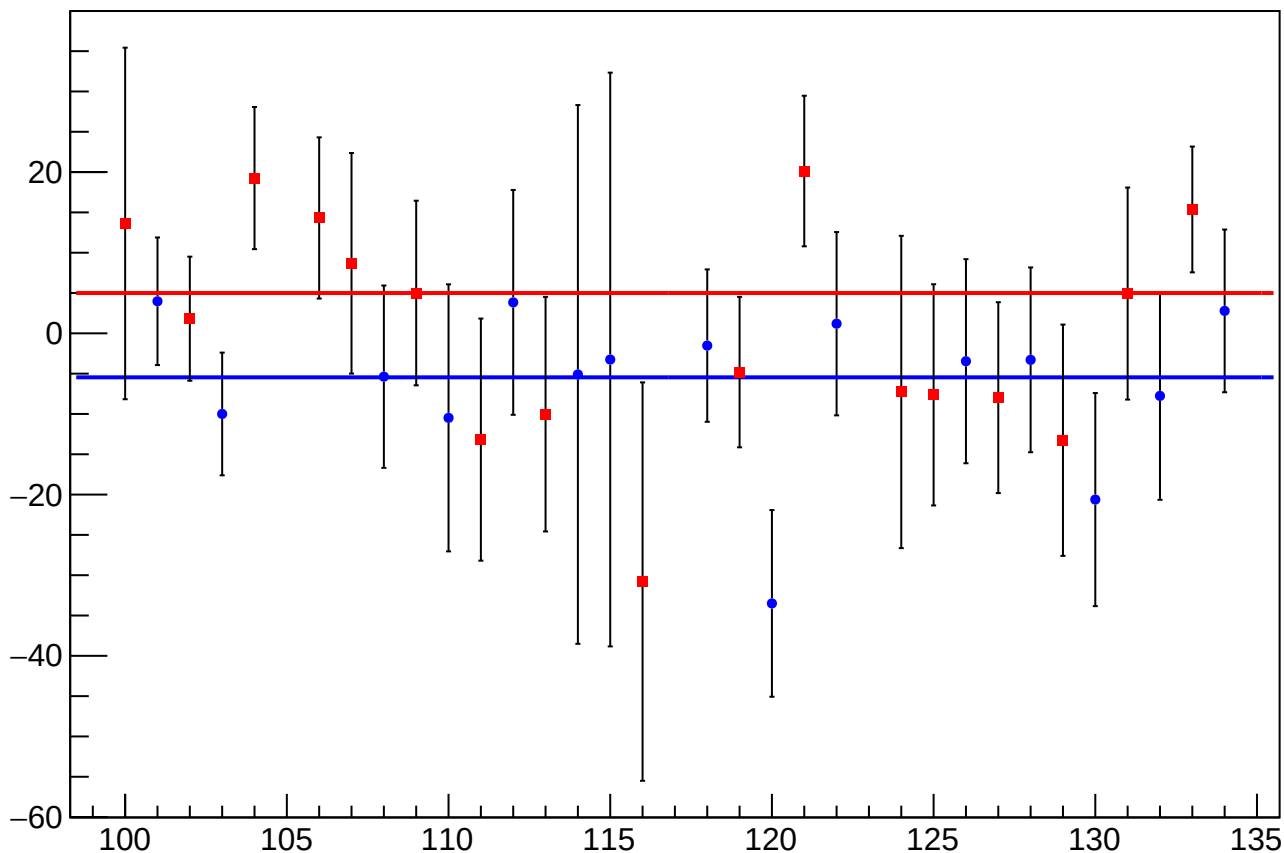
Right Out: 1155.983 $\pm$ 0.318 χ^2 /NDF: 283897.5/16

All: 1163.265 $\pm$ 0.230 χ^2 /NDF: 603180.7/31

- 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

diff_bpm_4eY_4ecY_avg_mean vs Slug



Right In: -5.457 $\pm$ 2.970 χ^2 /NDF: 10.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.001 $\pm$ 2.765 χ^2 /NDF: 18.1/16

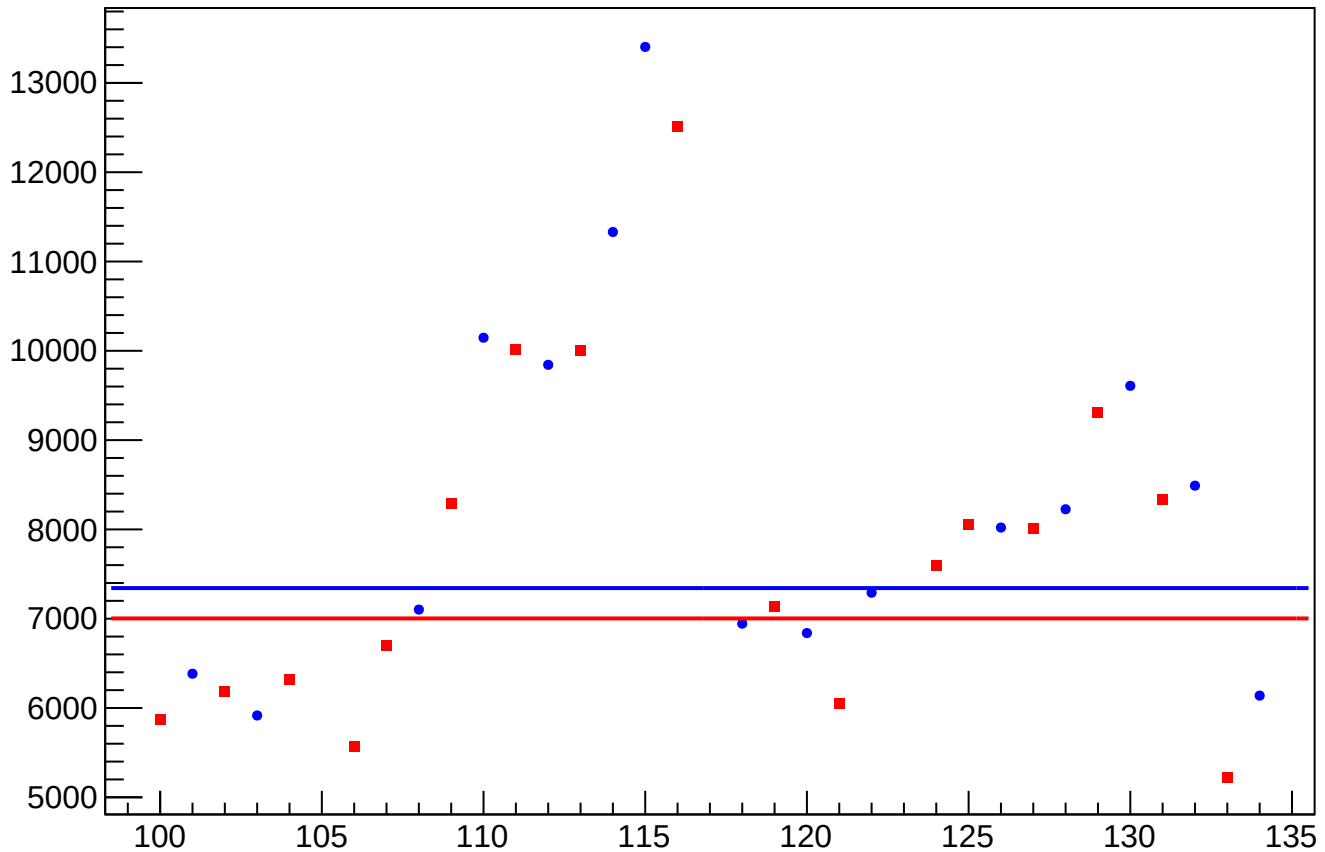
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.145 $\pm$ 2.024 χ^2 /NDF: 35.5/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4eY_4ecY_avg_rms vs Slug



Right In: 7342.936 ± 2.100 $\chi^2/\text{NDF}: 436737.9/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 7002.950 ± 1.955 $\chi^2/\text{NDF}: 598895.7/16$

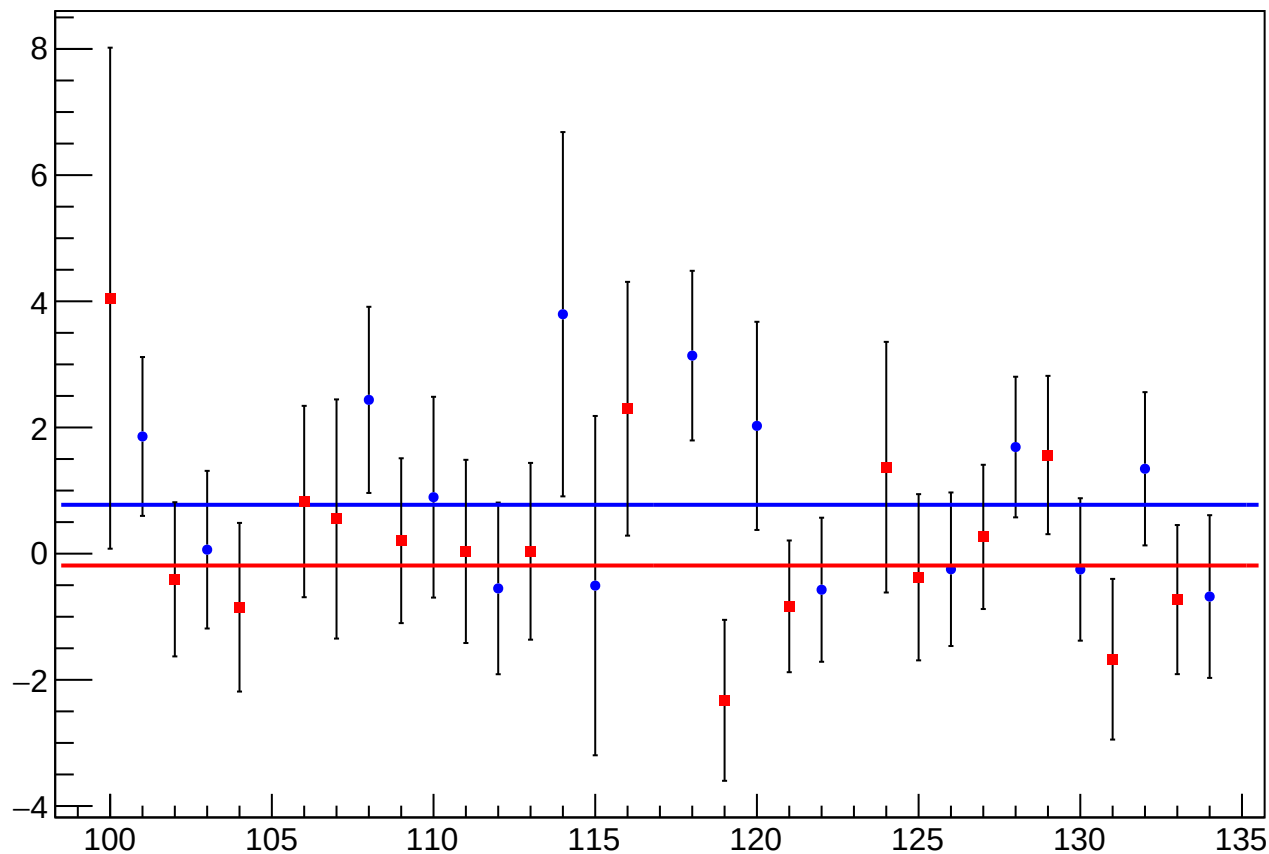
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 7160.788 ± 1.431 $\chi^2/\text{NDF}: 1049670.8/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm_4eY_4ecY_dd_mean vs Slug



Right In: 0.774 $\pm$ 0.350 χ^2 /NDF: 13.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.188 $\pm$ 0.335 χ^2 /NDF: 11.2/16

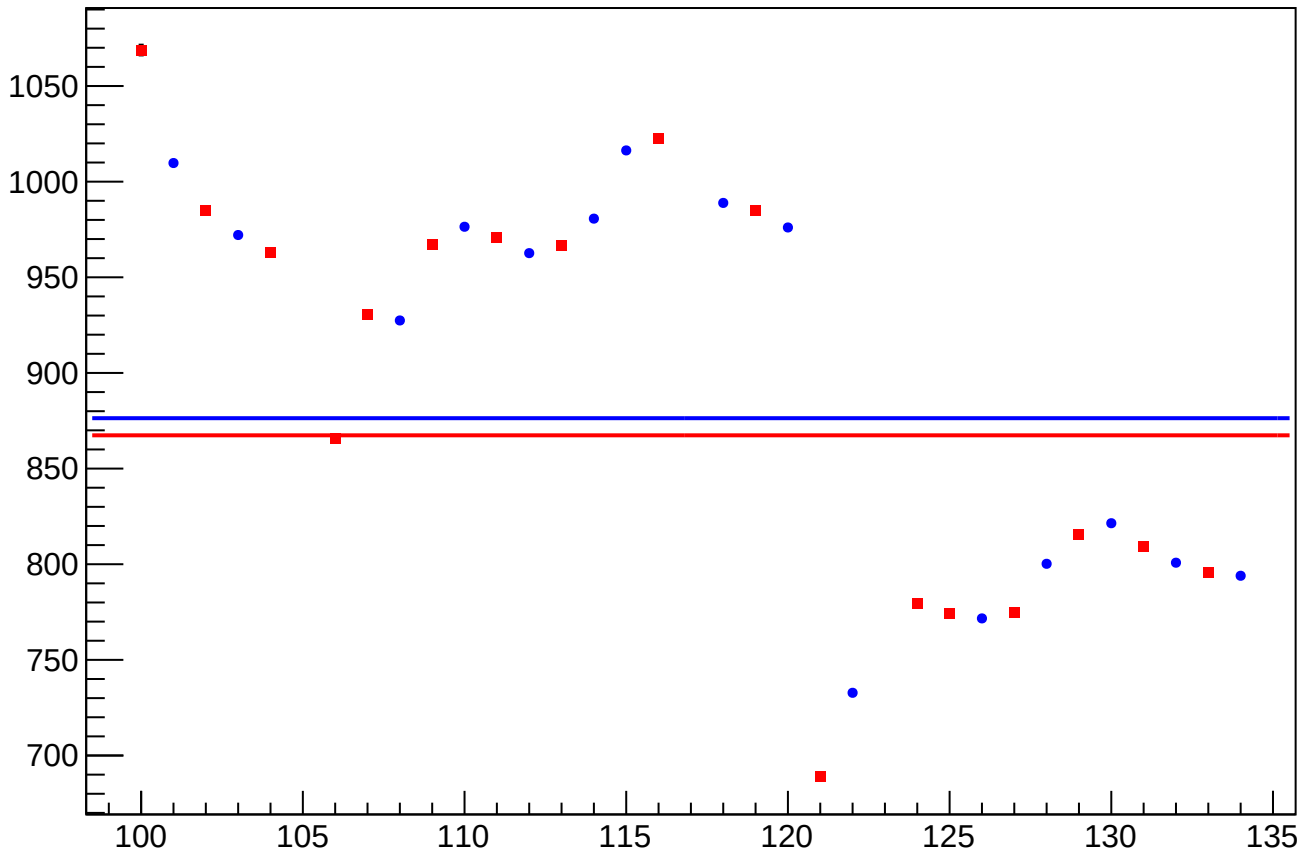
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.272 $\pm$ 0.242 χ^2 /NDF: 28.5/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4eY_4ecY_dd_rms vs Slug



Right In: 876.345+/-0.248 χ^2/NDF : 158275.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

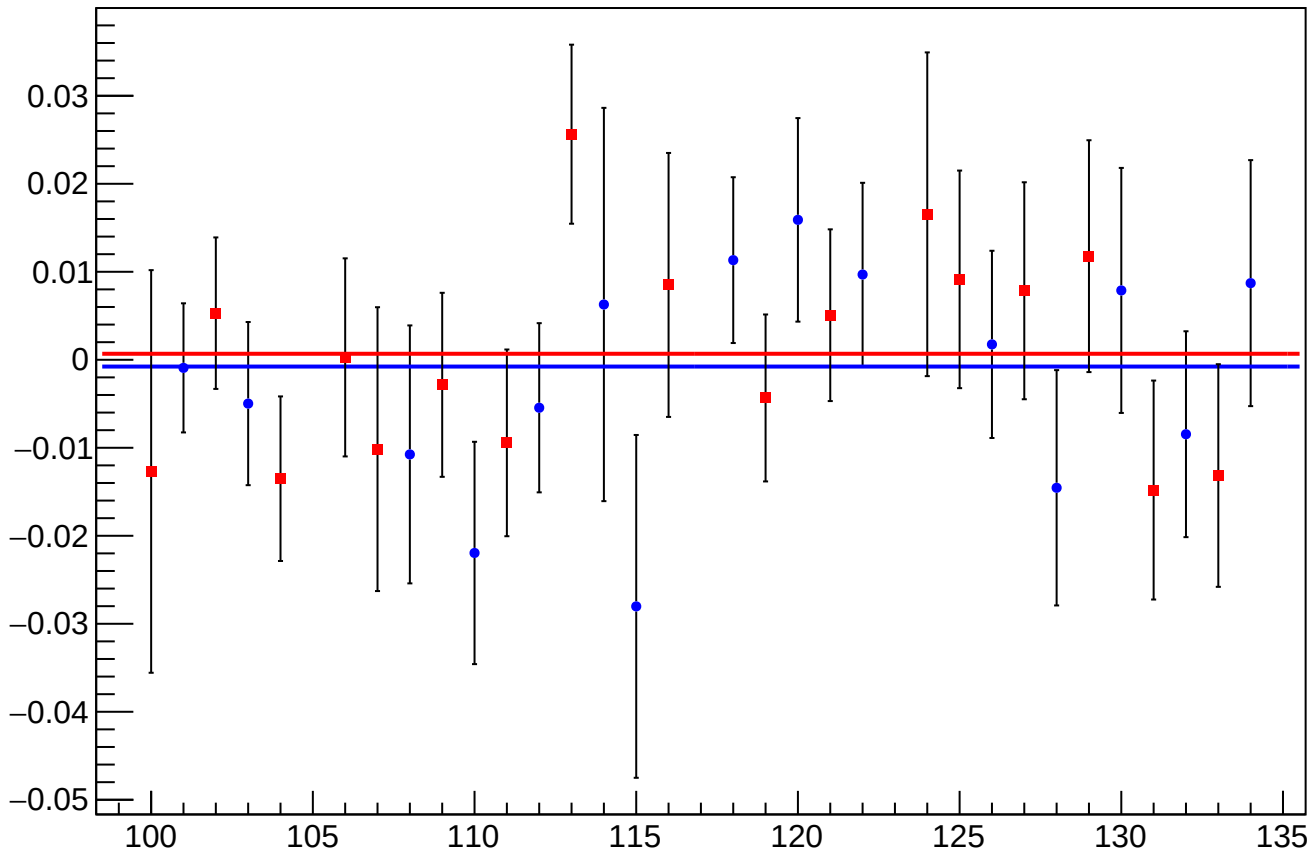
Right Out: 867.390+/-0.237 χ^2/NDF : 197202.9/16

All: 871.668+/-0.171 χ^2/NDF : 356161.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 0.001 $\pm$ 0.003 χ^2 /NDF: 16.2/16

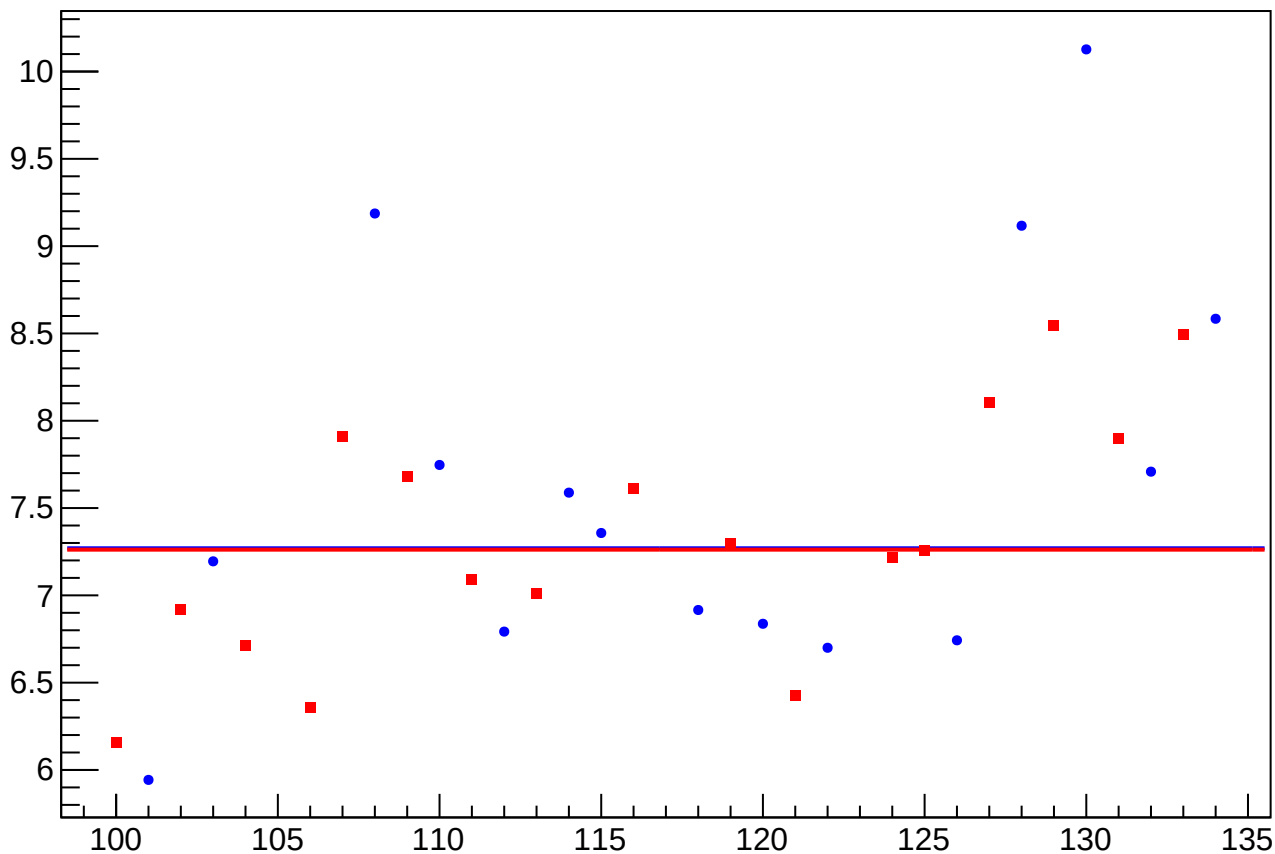
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.002 χ^2 /NDF: 29.2/31

- 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: 7.262 $\pm$ 0.002 χ^2 /NDF: 104060.6/16

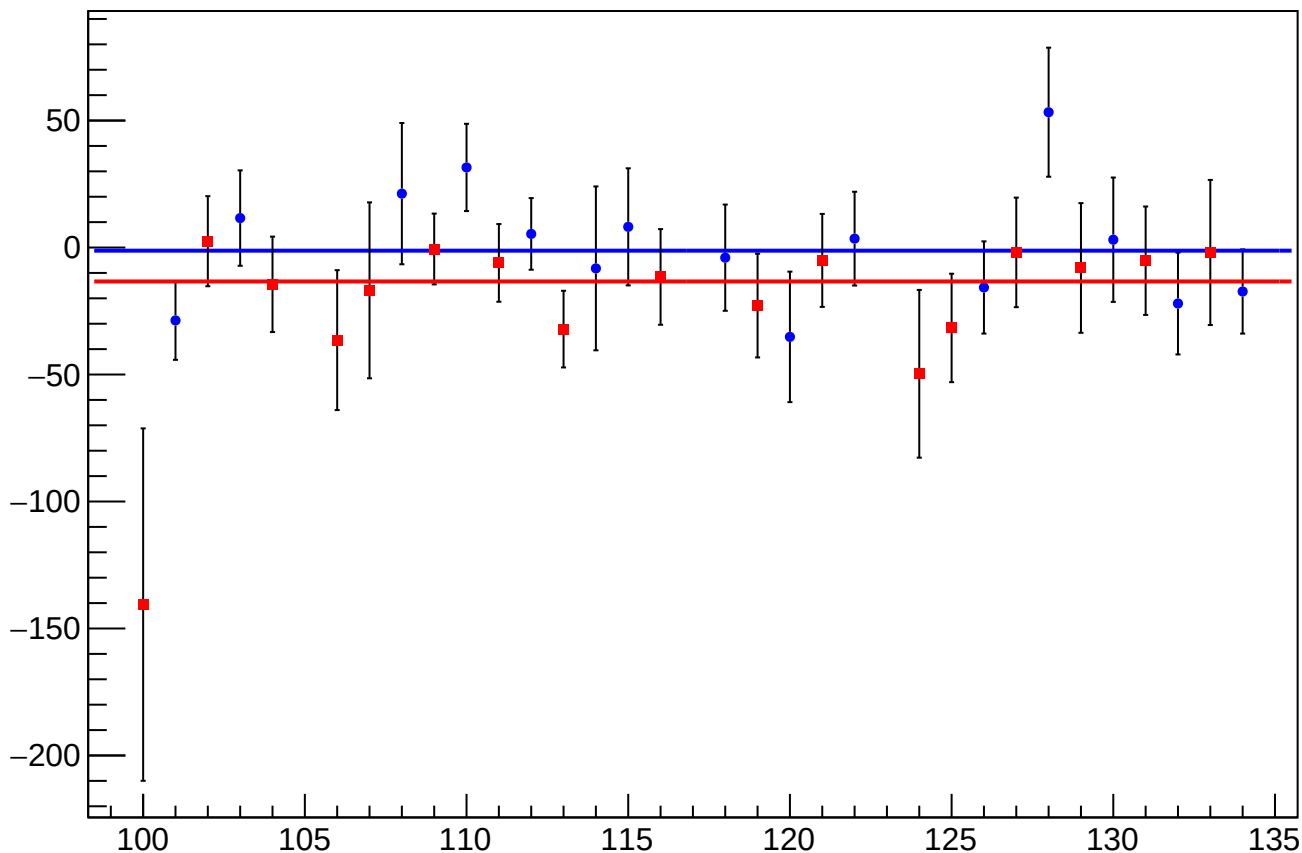
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.266 $\pm$ 0.001 χ^2 /NDF: 371434.2/31

- 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: -13.355 ± 4.963 χ^2/NDF : 10.5/16

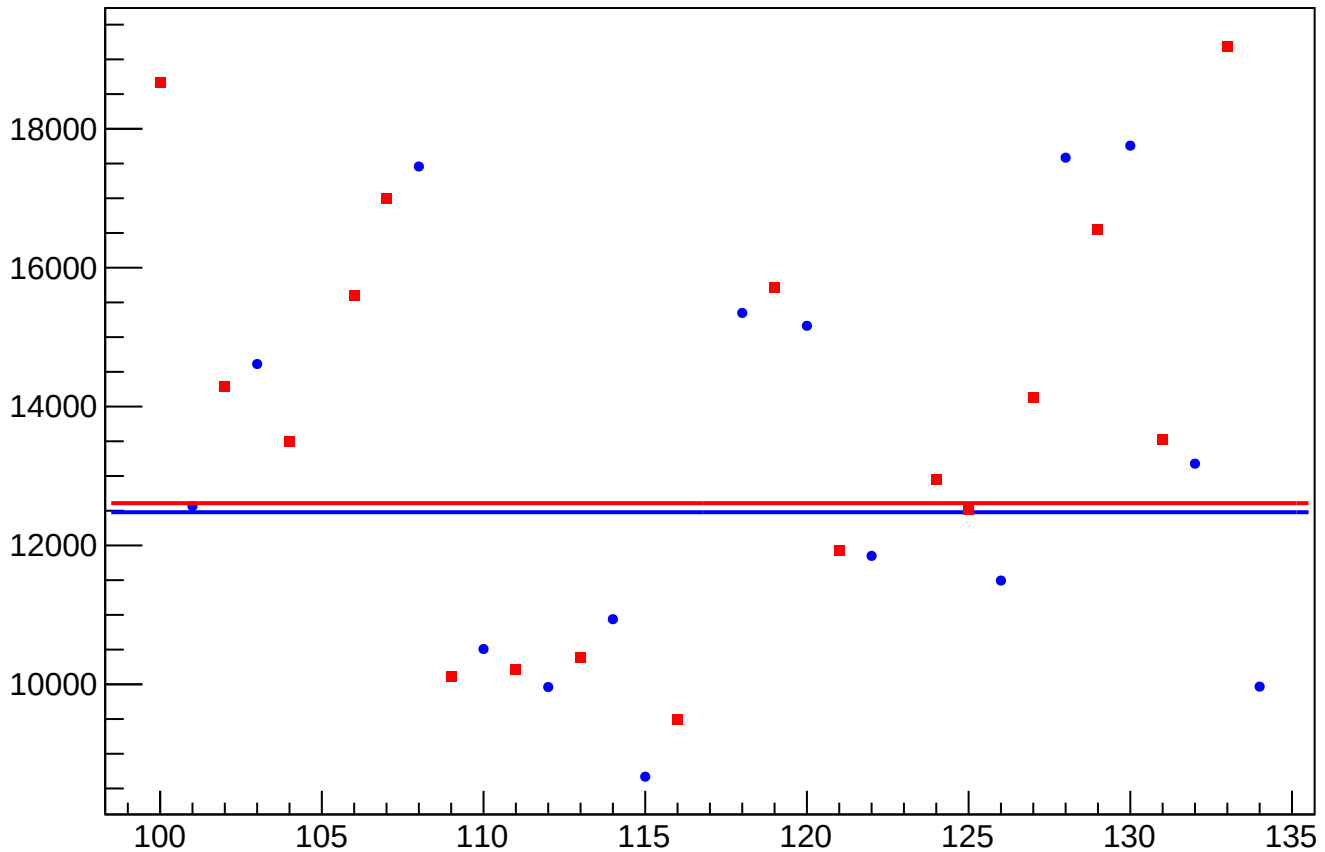
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.443 ± 3.552 χ^2/NDF : 30.9/31

- 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

Right Out: 12608.918+/-3.509 χ^2/NDF : 521624.3/16

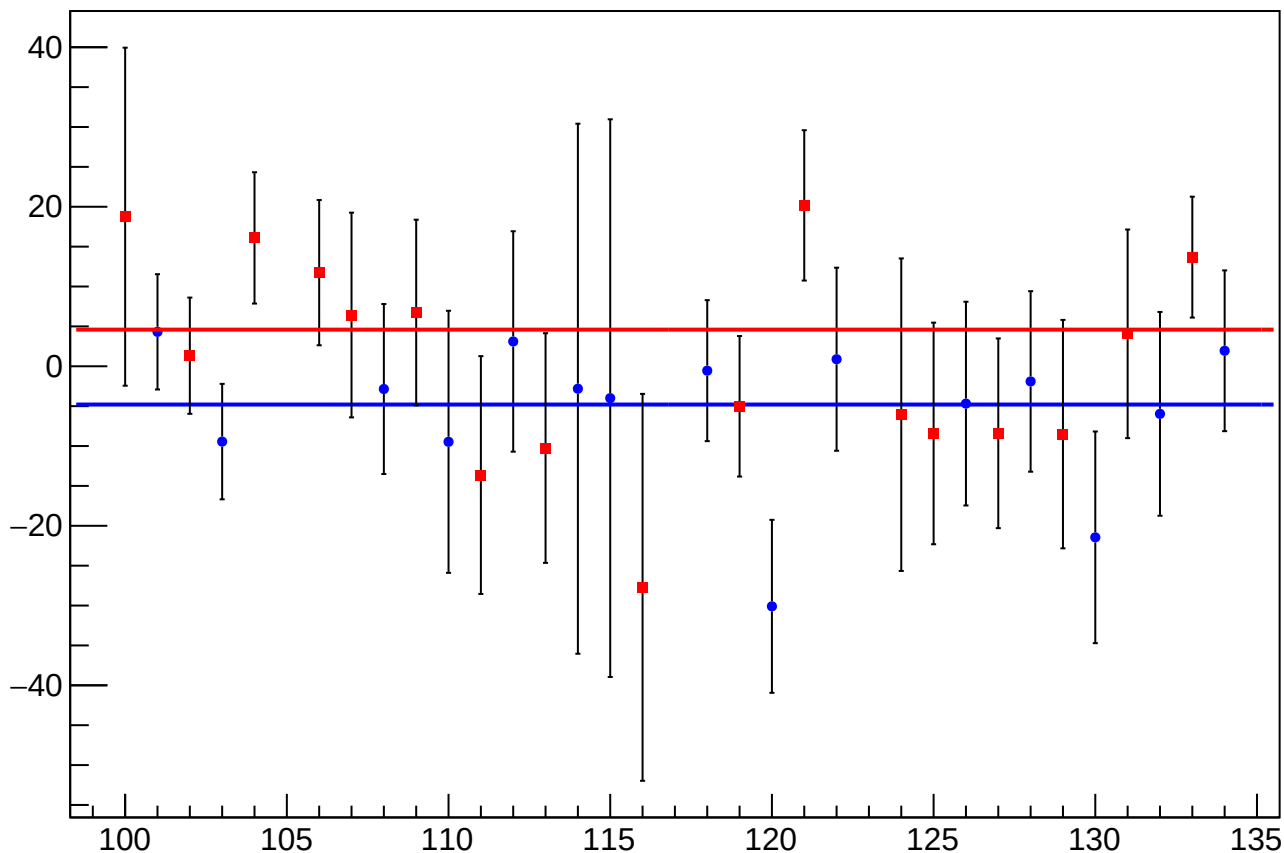
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12545.189+/-2.512 χ^2/NDF : 1051287.0/3

- sign 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: 4.594 ± 2.678 χ^2/NDF : 16.2/16

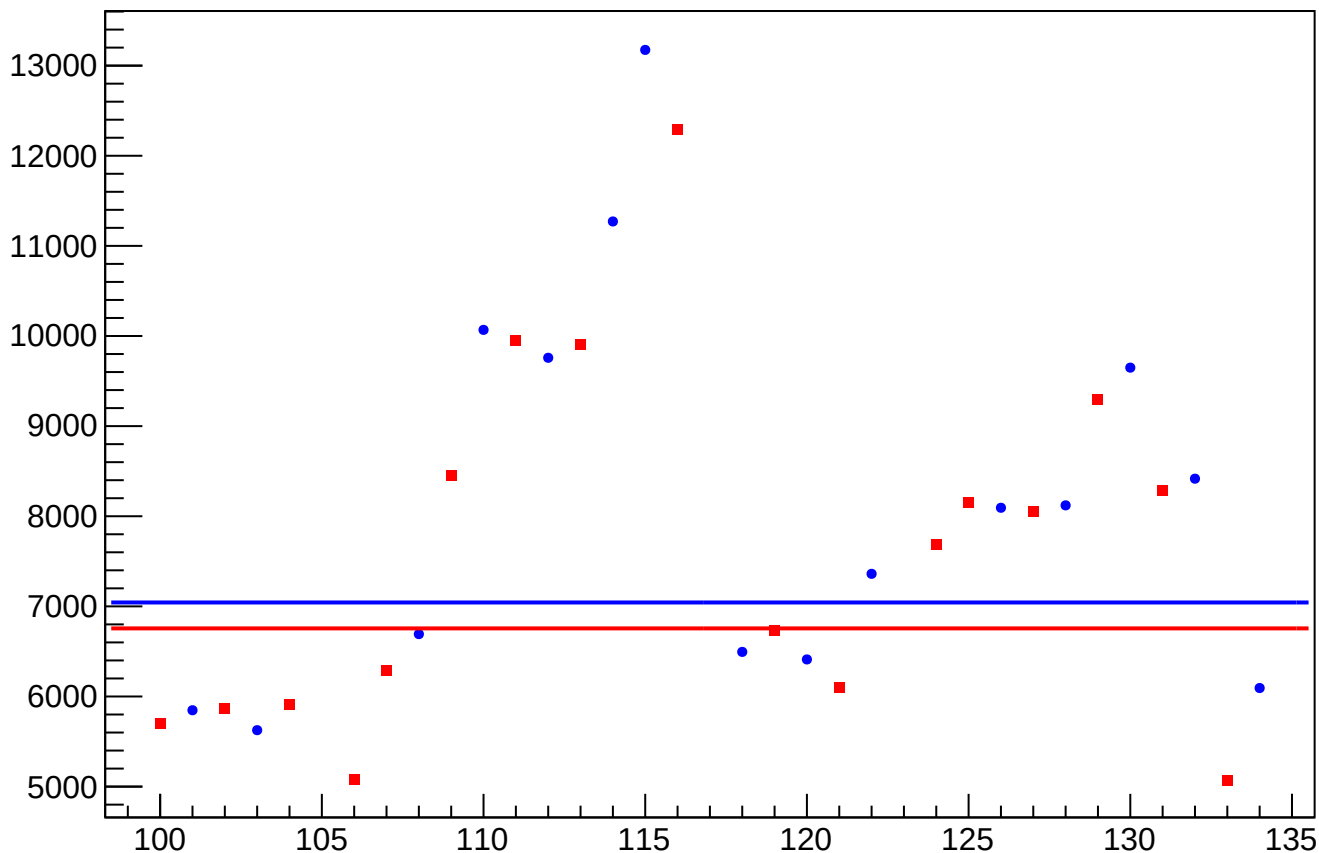
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.208 ± 1.955 χ^2/NDF : 32.4/31

- 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: 6755.482+/-1.893 χ^2/NDF : 708344.6/16

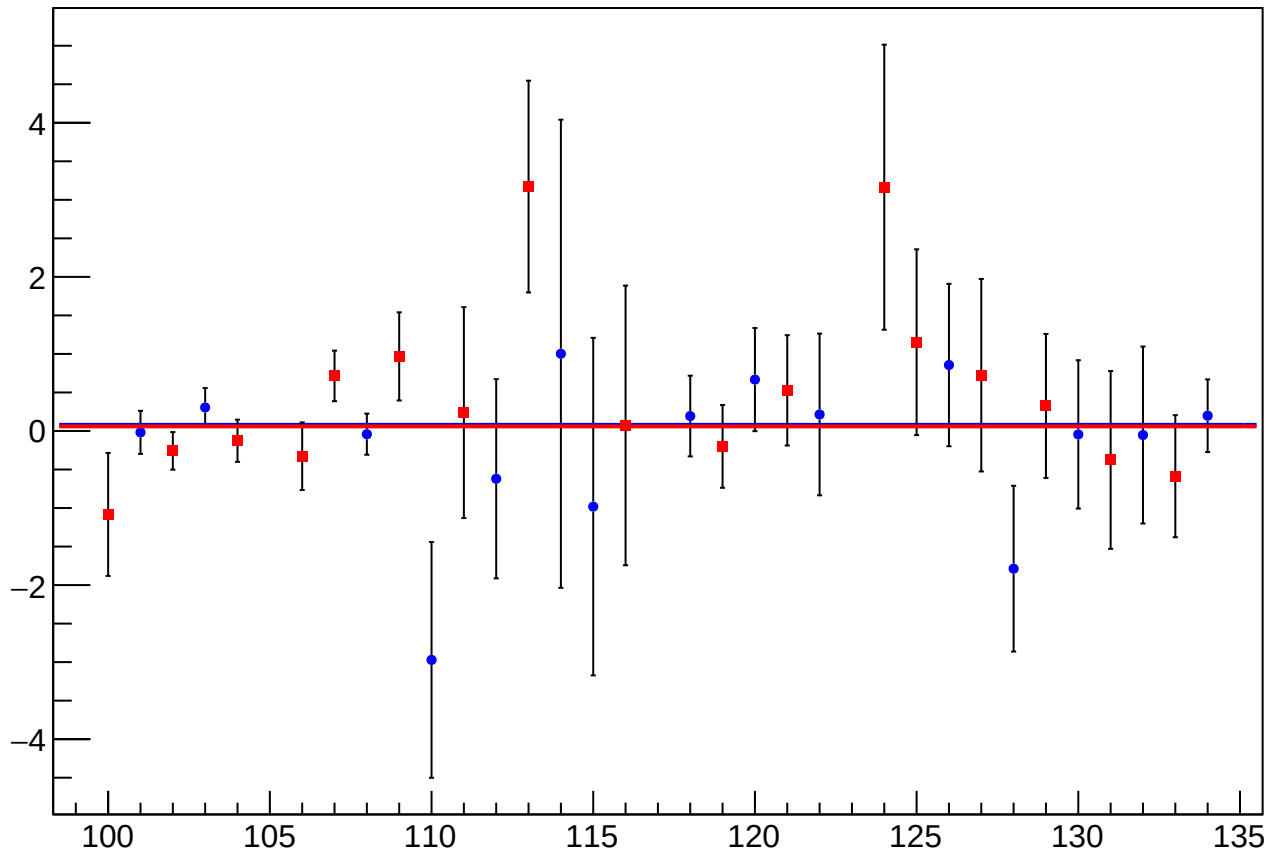
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6889.805+/-1.382 χ^2/NDF : 1257231.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_targ_thetaX_mean vs Slug



Right In: 0.079+/-0.130 χ^2/NDF : 10.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.060+/-0.128 χ^2/NDF : 22.1/16

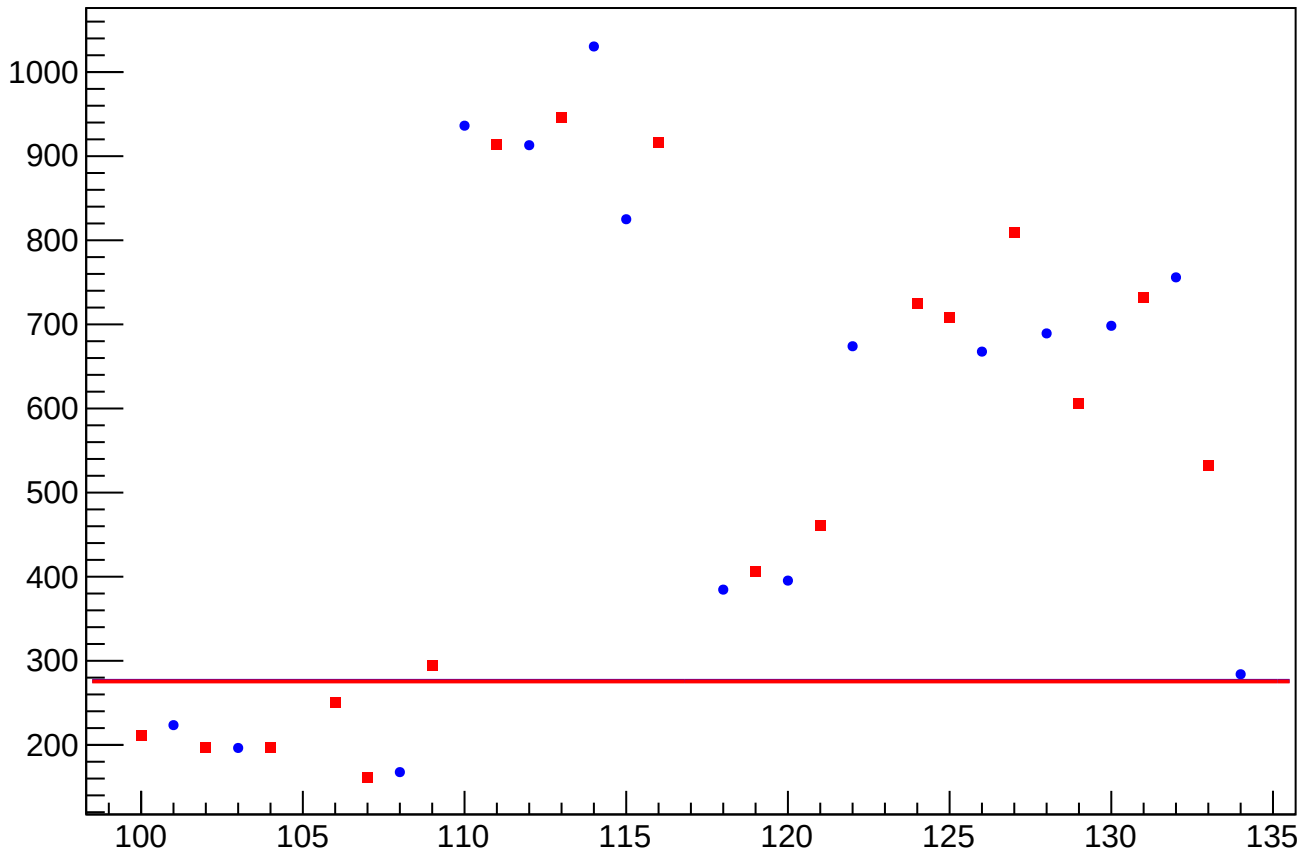
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.069+/-0.091 χ^2/NDF : 32.3/31

- sign 0.000+/-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: 275.526 $\pm$ 0.090 χ^2 /NDF: 3566852.7/16

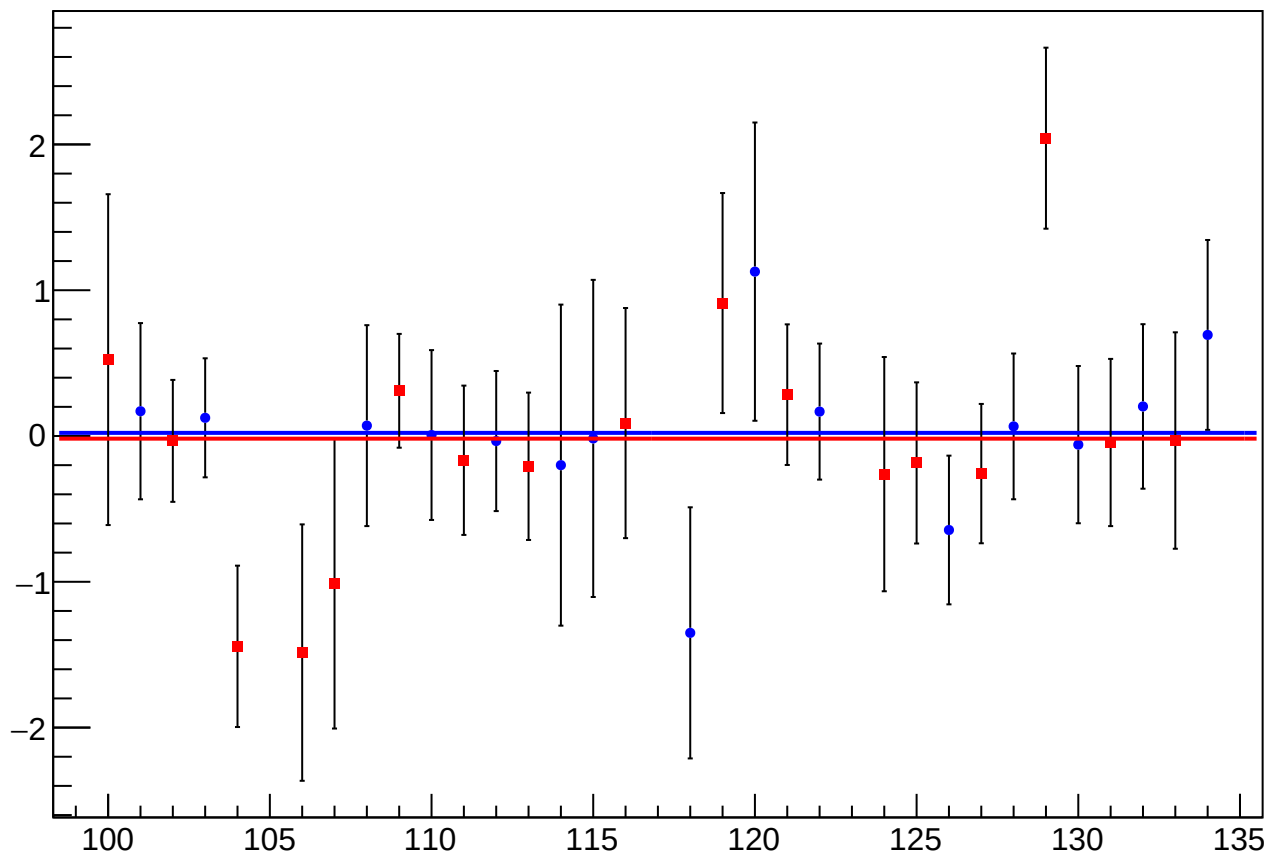
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 275.817 $\pm$ 0.065 χ^2 /NDF: 7016814.4/31

- 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: -0.018 ± 0.140 χ^2/NDF : 25.0/16

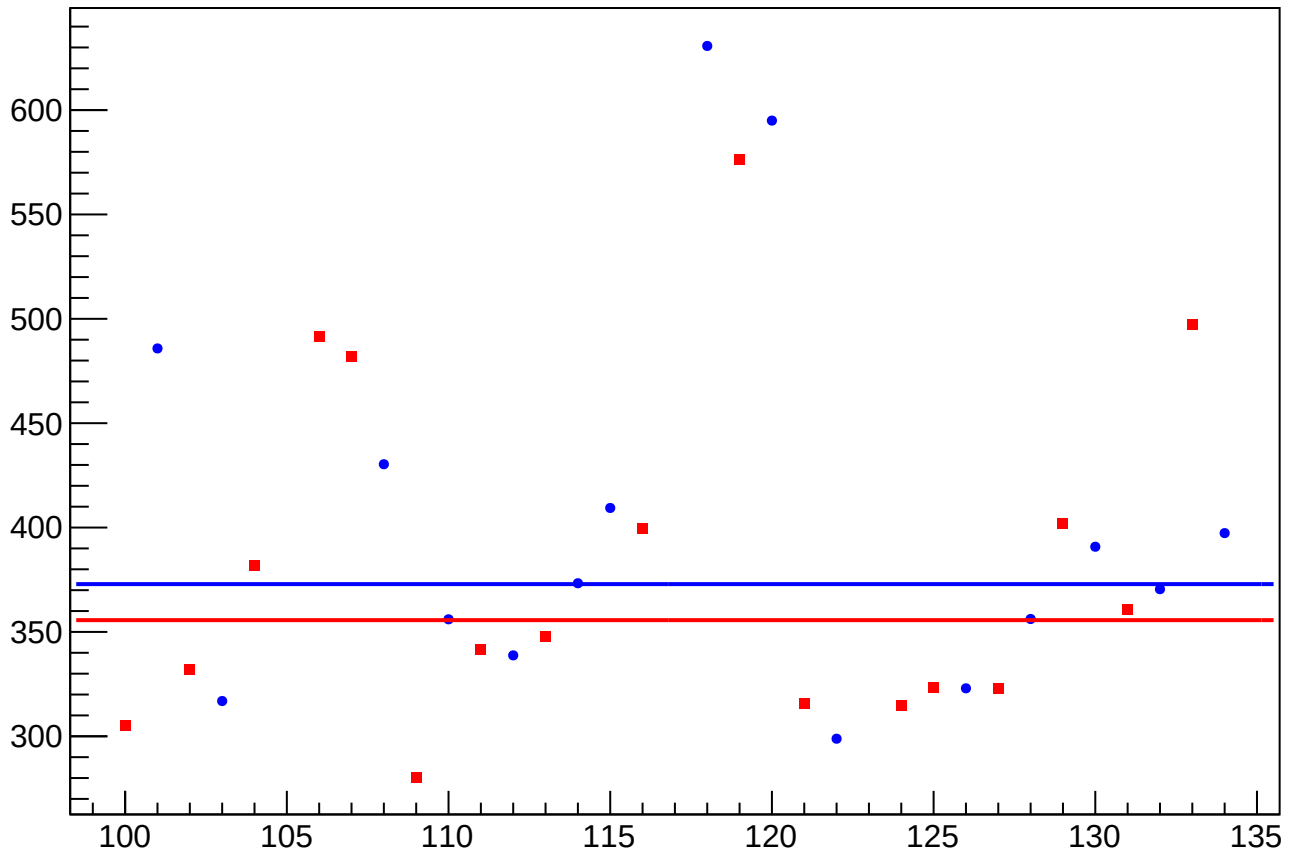
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.103 χ^2/NDF : 31.9/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_targ_thetaY_rms vs Slug



Right In: 372.900 $\pm$ 0.107 χ^2 /NDF: 485667.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 355.640 $\pm$ 0.099 χ^2 /NDF: 467169.7/16

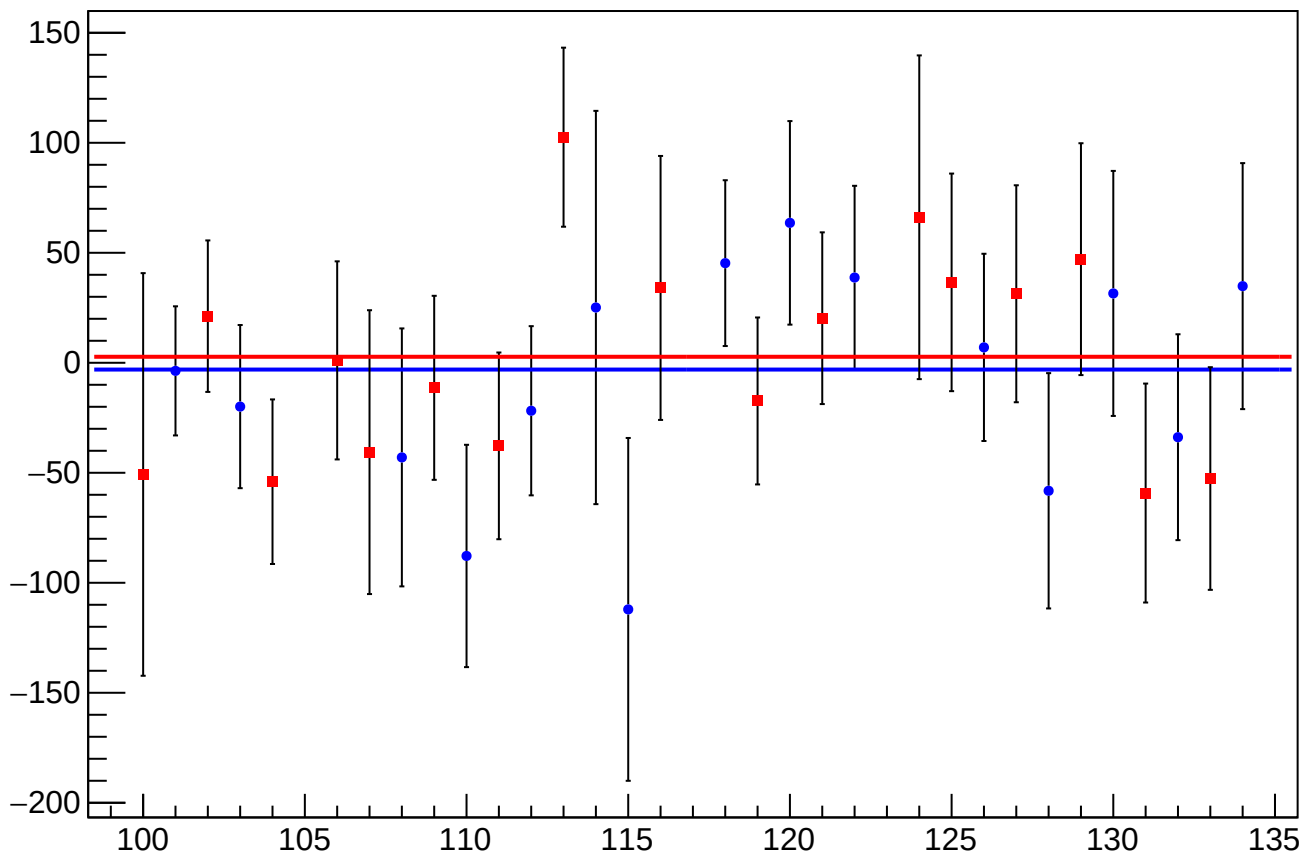
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 363.610 $\pm$ 0.073 χ^2 /NDF: 966779.0/31

- sign 0.000 $\pm$ 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: 2.733 ± 11.229 χ^2/NDF : 16.2/16

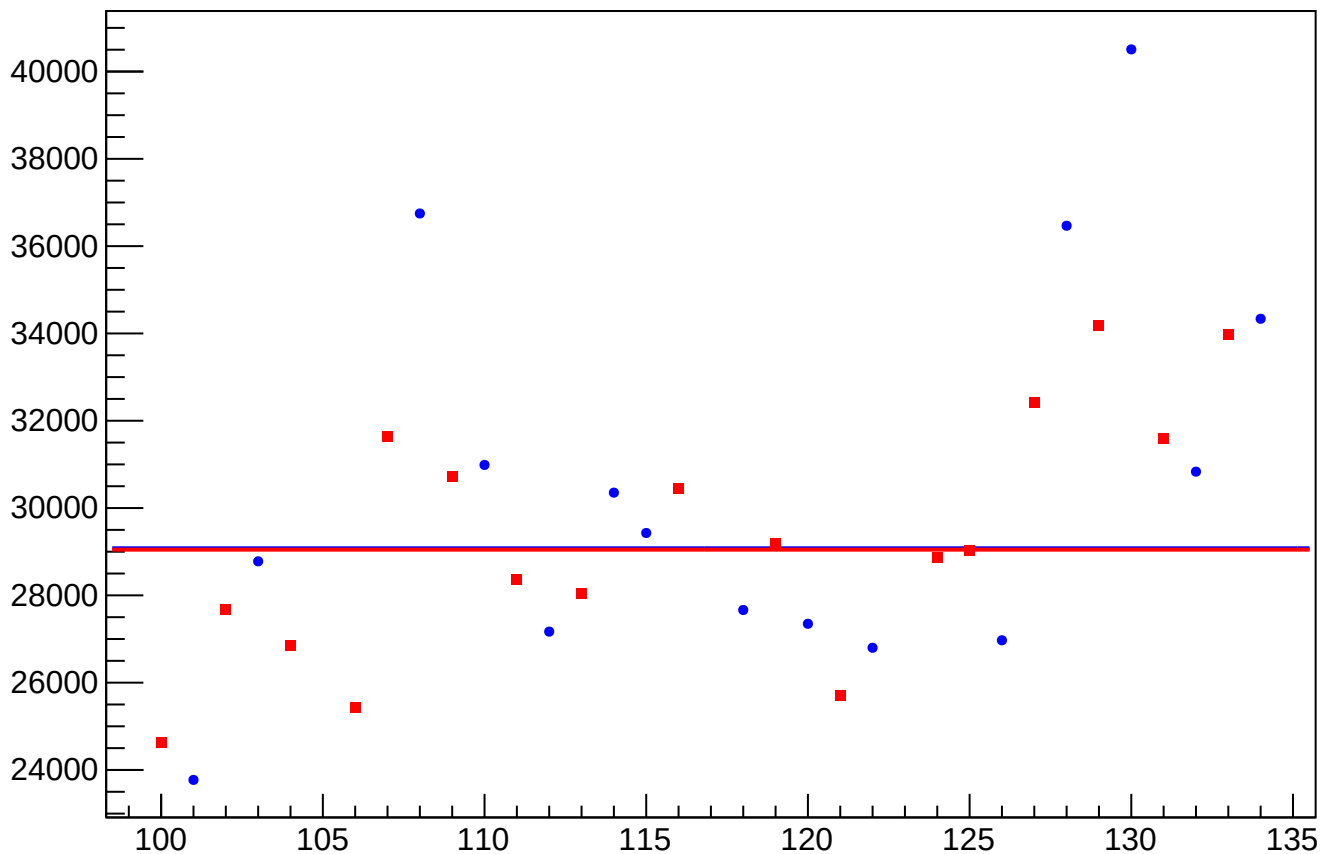
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.050 ± 8.107 χ^2/NDF : 29.2/31

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

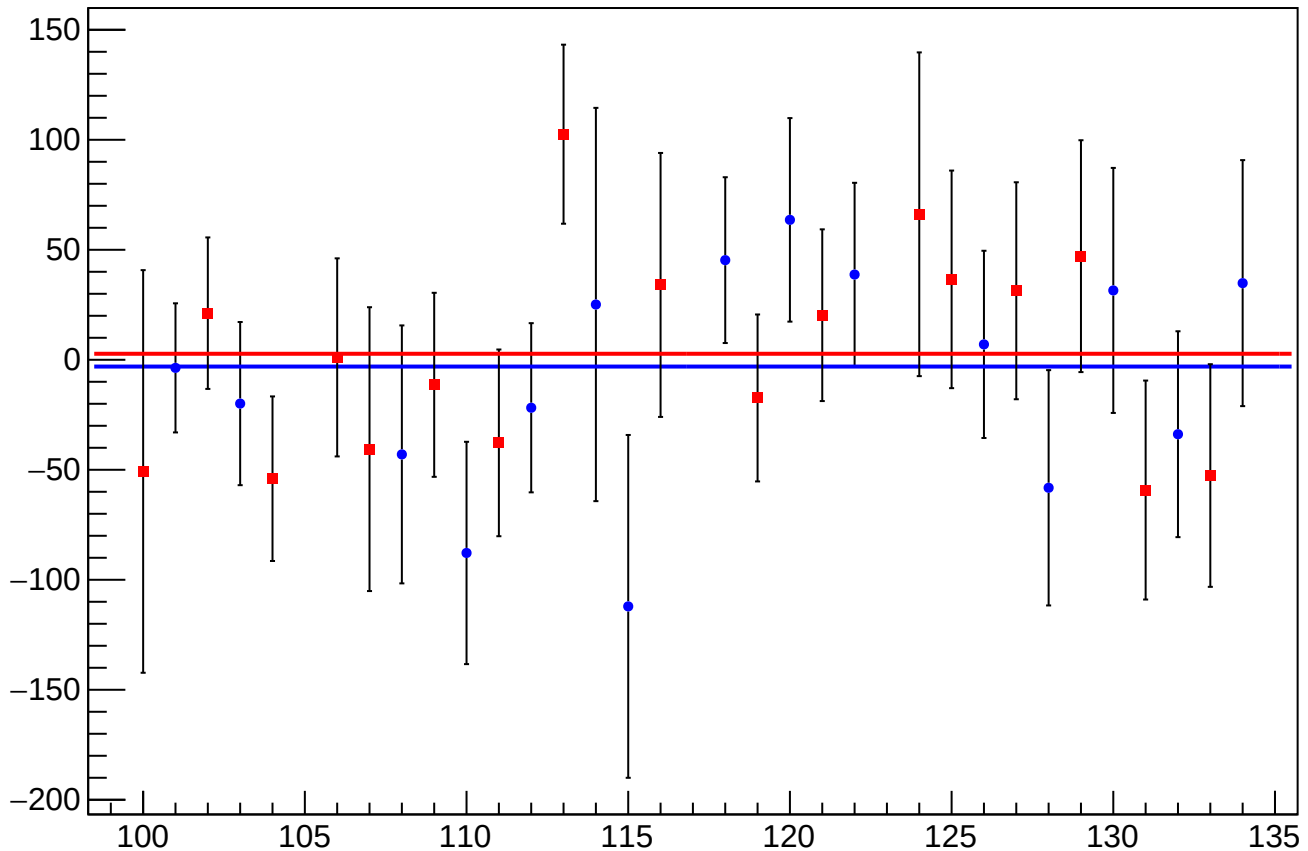
All: 29062.039+/-5.733 χ^2/NDF : 371434.2/31

Right Out: 29047.005+/-7.940 χ^2/NDF : 104060.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 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: 2.733 ± 11.229 χ^2/NDF : 16.2/16

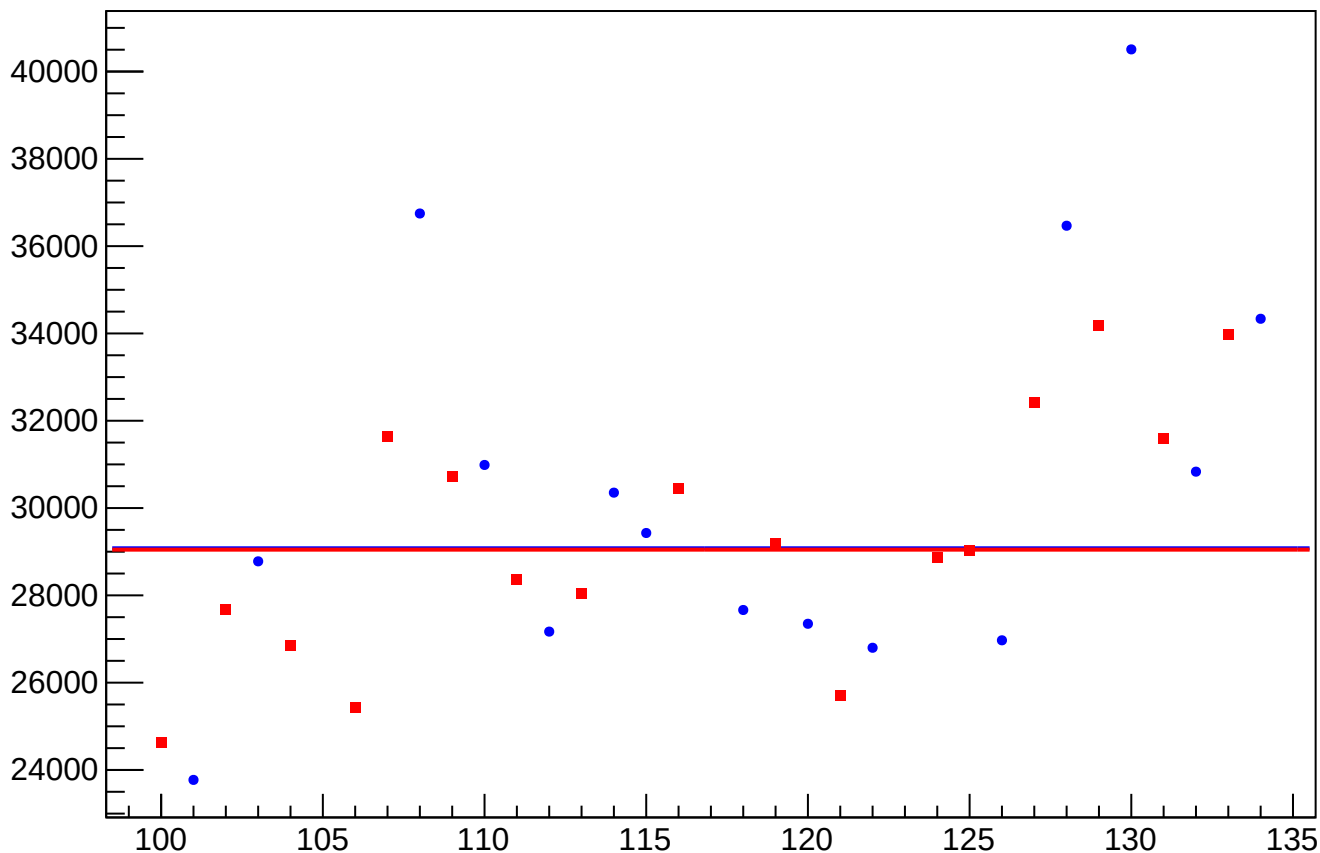
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.050 ± 8.107 χ^2/NDF : 29.2/31

- 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: 29047.005+/-7.940 χ^2/NDF : 104060.6/16

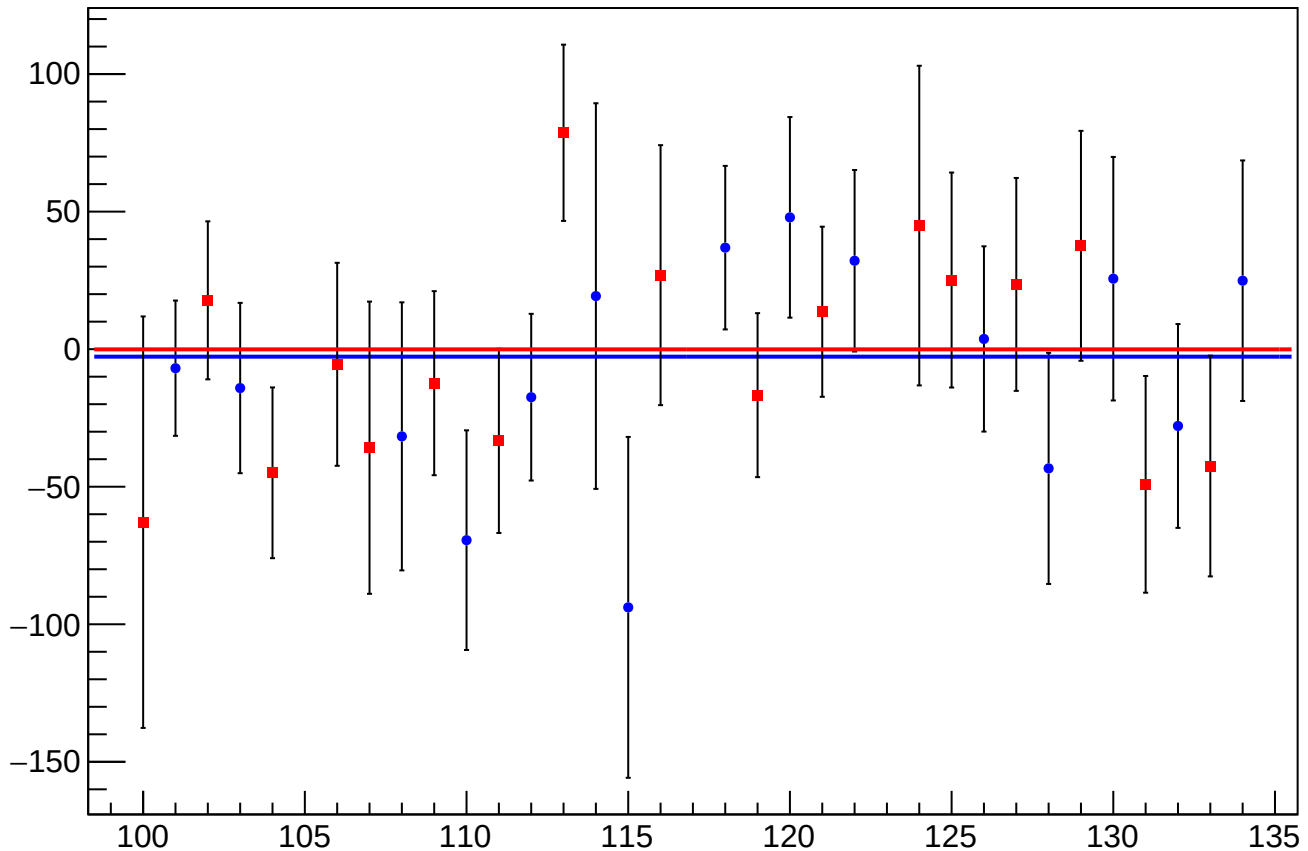
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29062.039+/-5.733 χ^2/NDF : 371434.2/31

- 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: -0.066+/-8.996 χ^2/NDF : 16.5/16

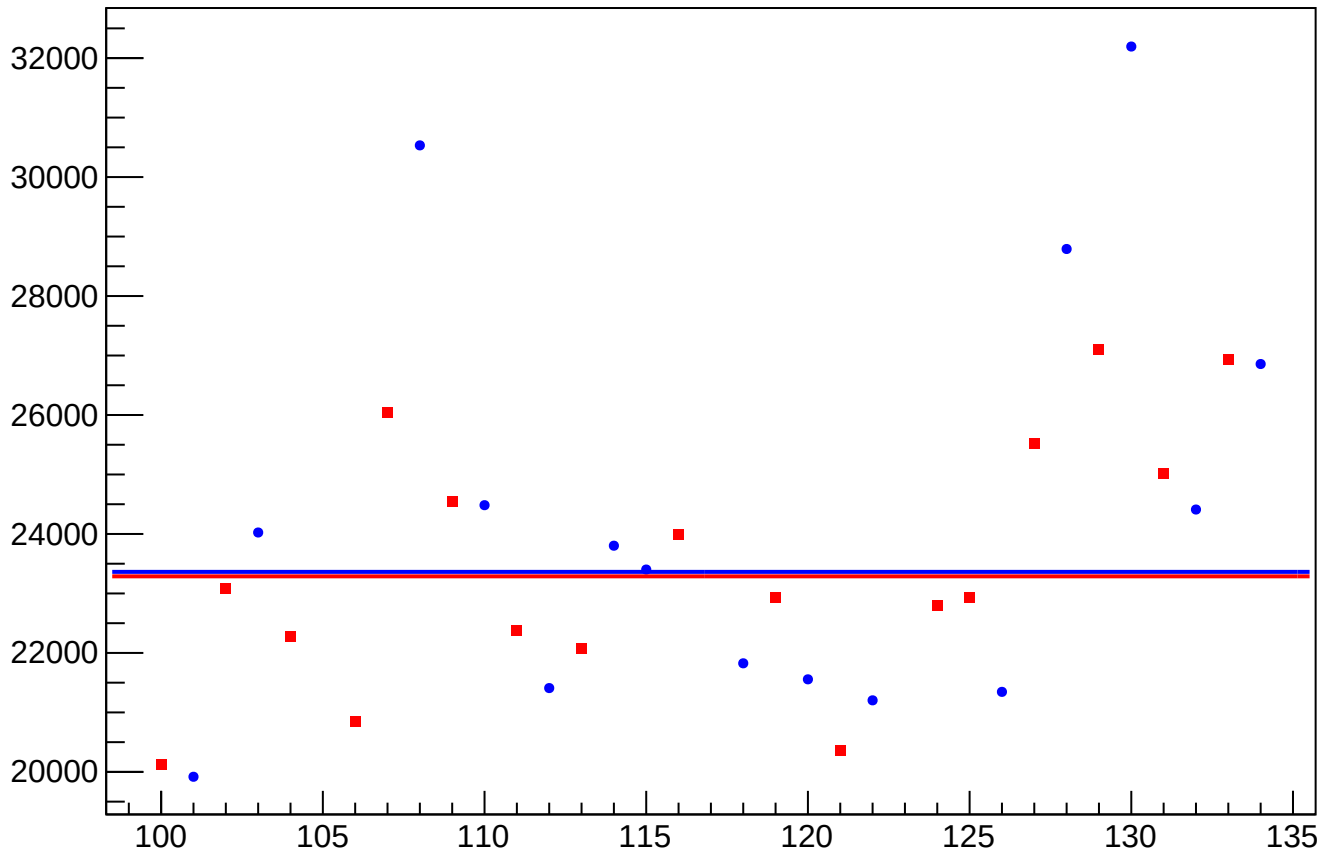
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.336+/-6.500 χ^2/NDF : 29.4/31

- 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: 23287.688+/-6.361 χ^2/NDF : 89634.0/16

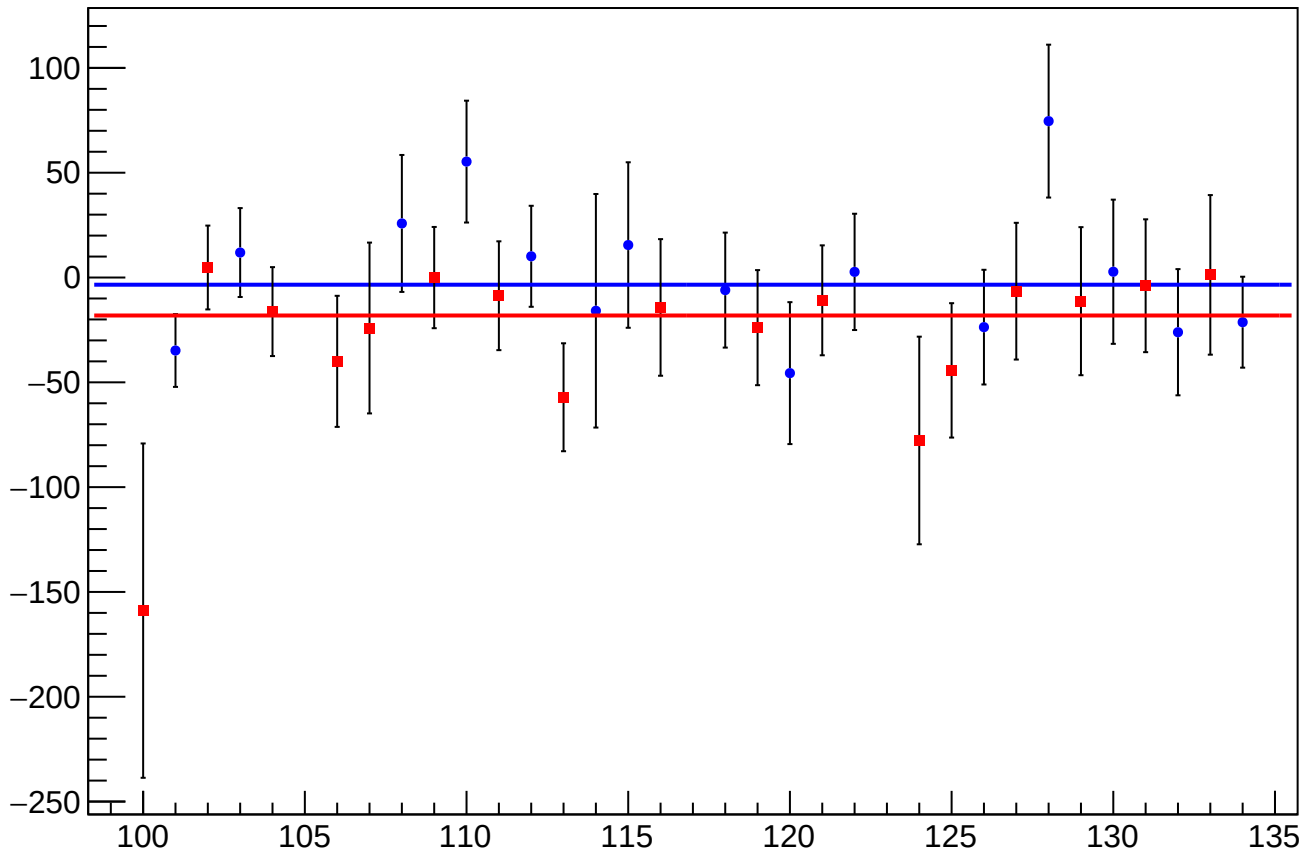
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23323.598+/-4.596 χ^2/NDF : 336554.4/31

- 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: -18.117 ± 7.117 χ^2/NDF : 10.8/16

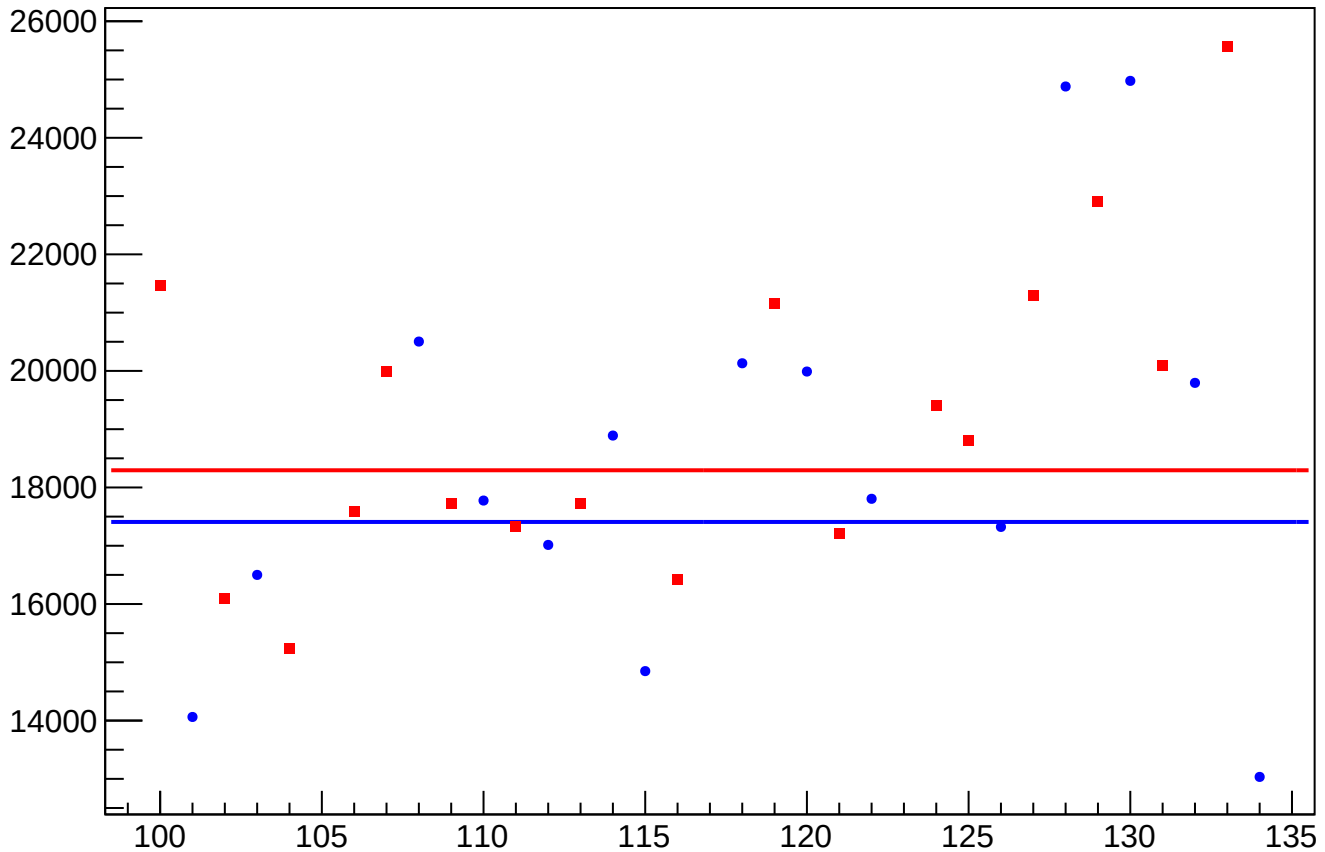
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -10.724 ± 5.016 χ^2/NDF : 30.2/31

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

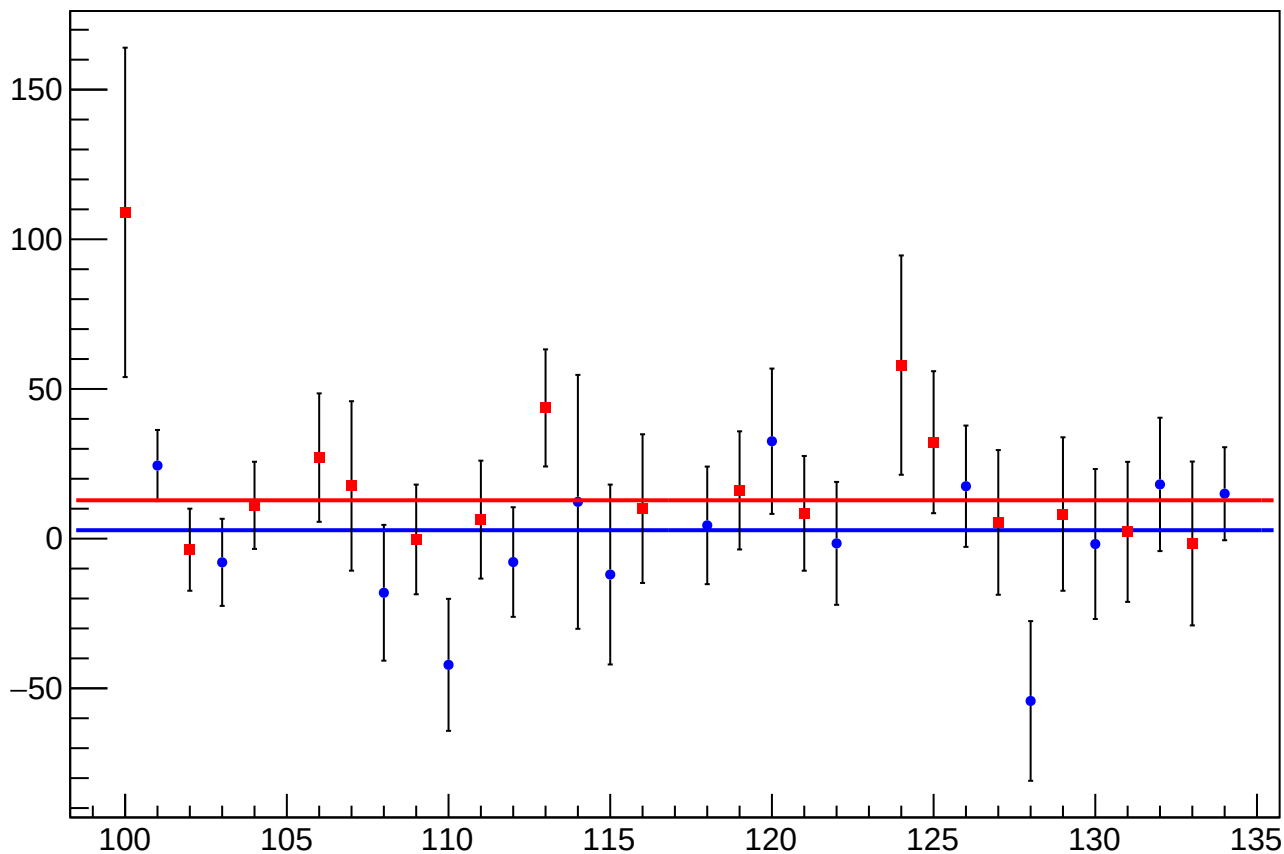
Right Out: 18295.093+/-5.033 χ^2/NDF : 241651.0/16

All: 17848.742+/-3.547 χ^2/NDF : 670327.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aediffX_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: 12.814 $\pm$ 5.144 χ^2 /NDF: 11.0/16

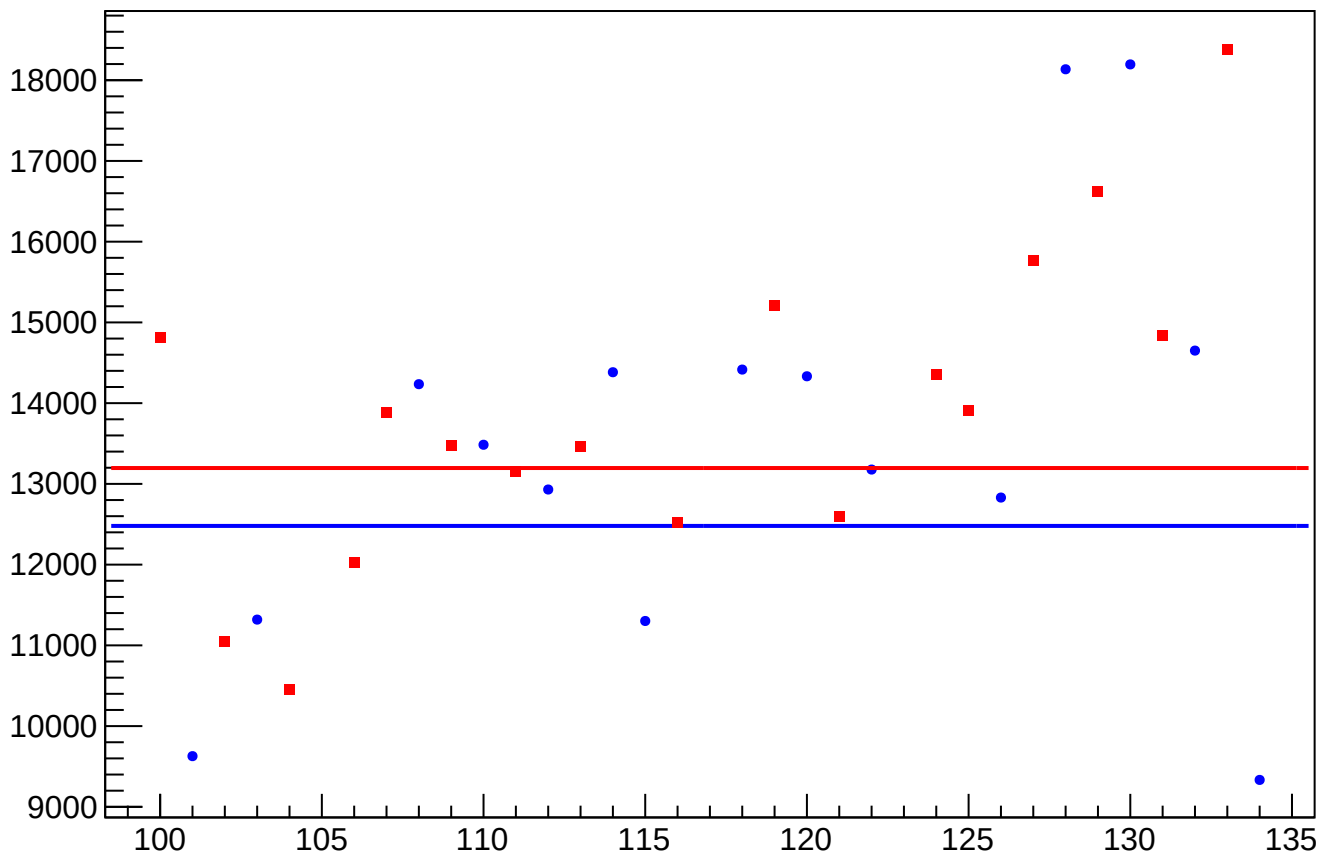
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.755 $\pm$ 3.616 χ^2 /NDF: 30.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm4aediffX_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

Right Out: 13196.475+/-3.638 χ^2/NDF : 297749.4/16

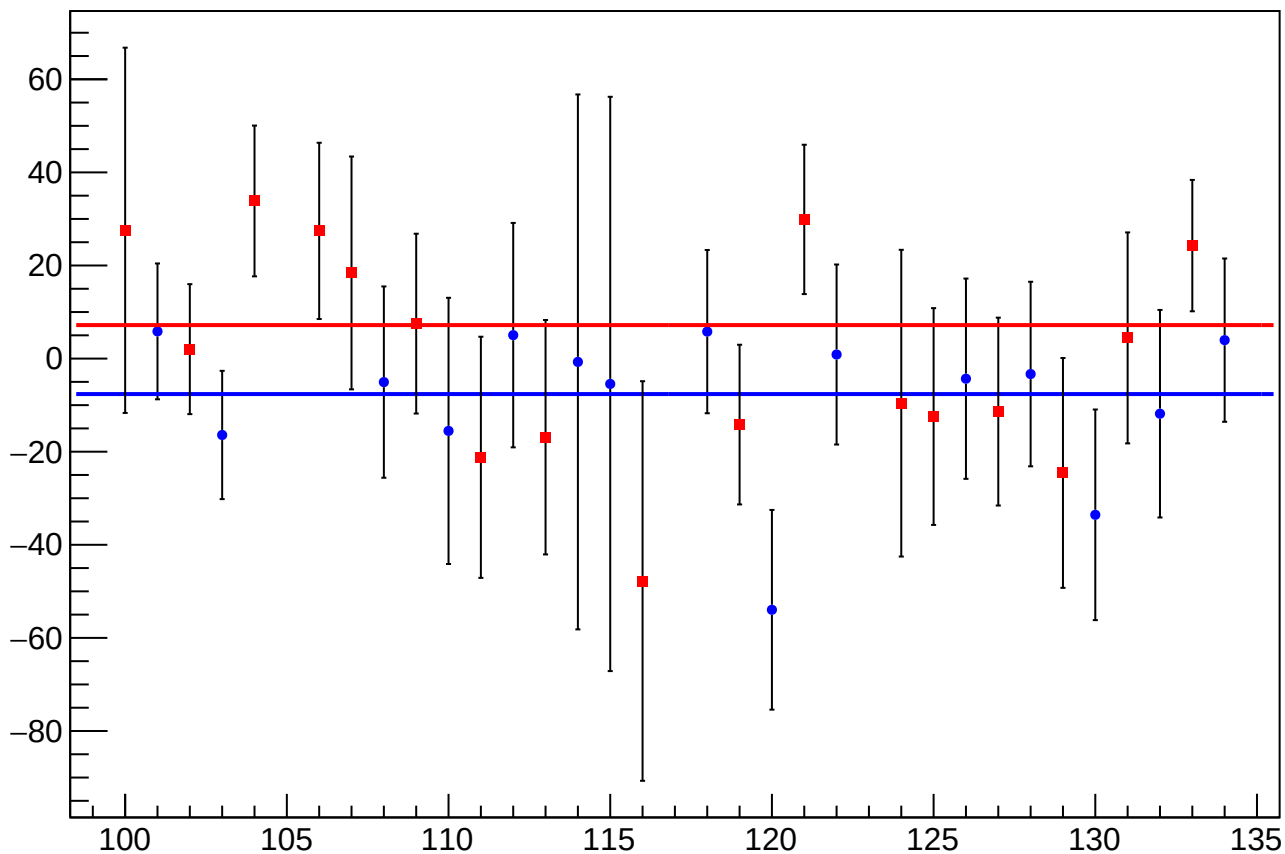
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12833.684+/-2.557 χ^2/NDF : 798695.5/3

- sign 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: 7.196+/-4.915 χ^2/NDF : 16.7/16

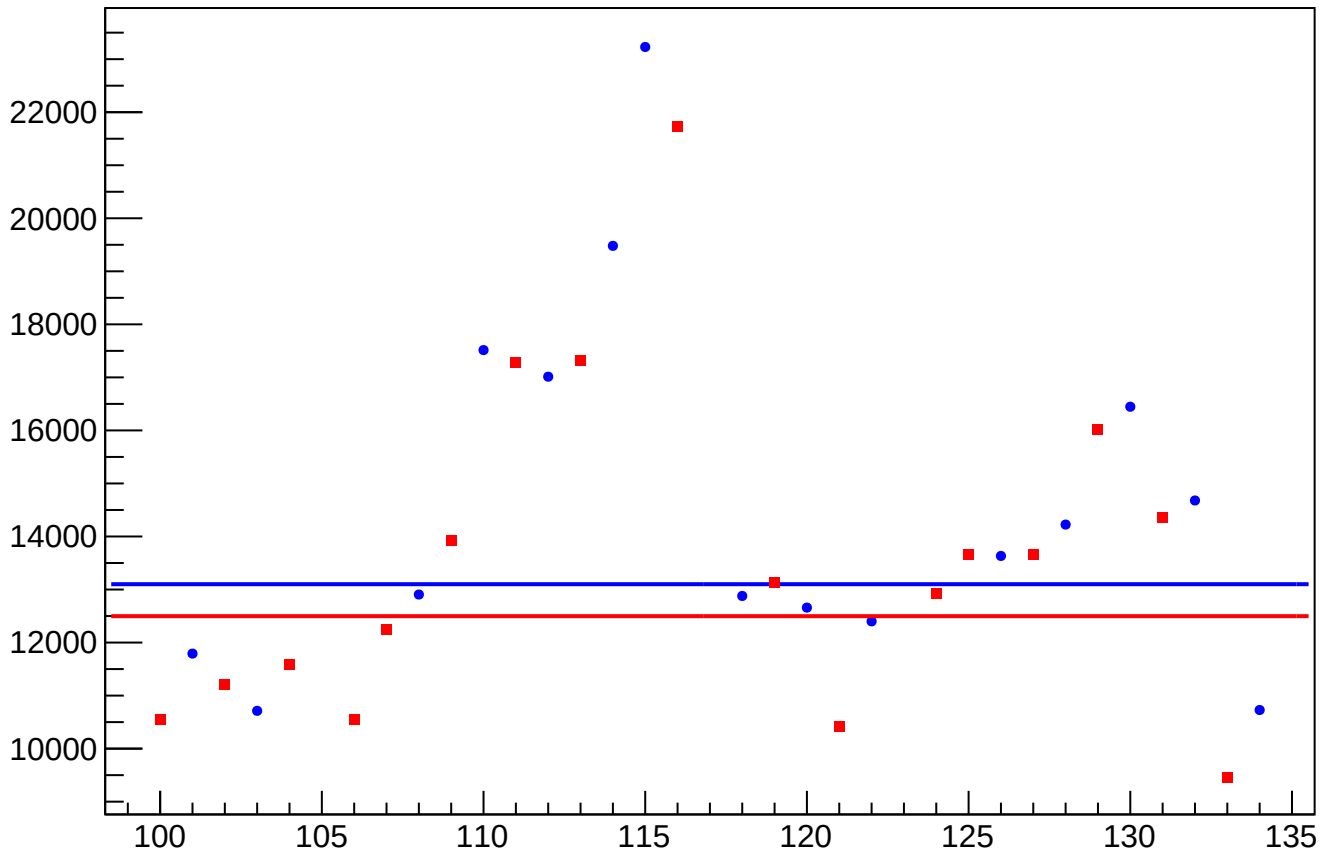
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.318+/-3.598 χ^2/NDF : 29.9/31

- 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

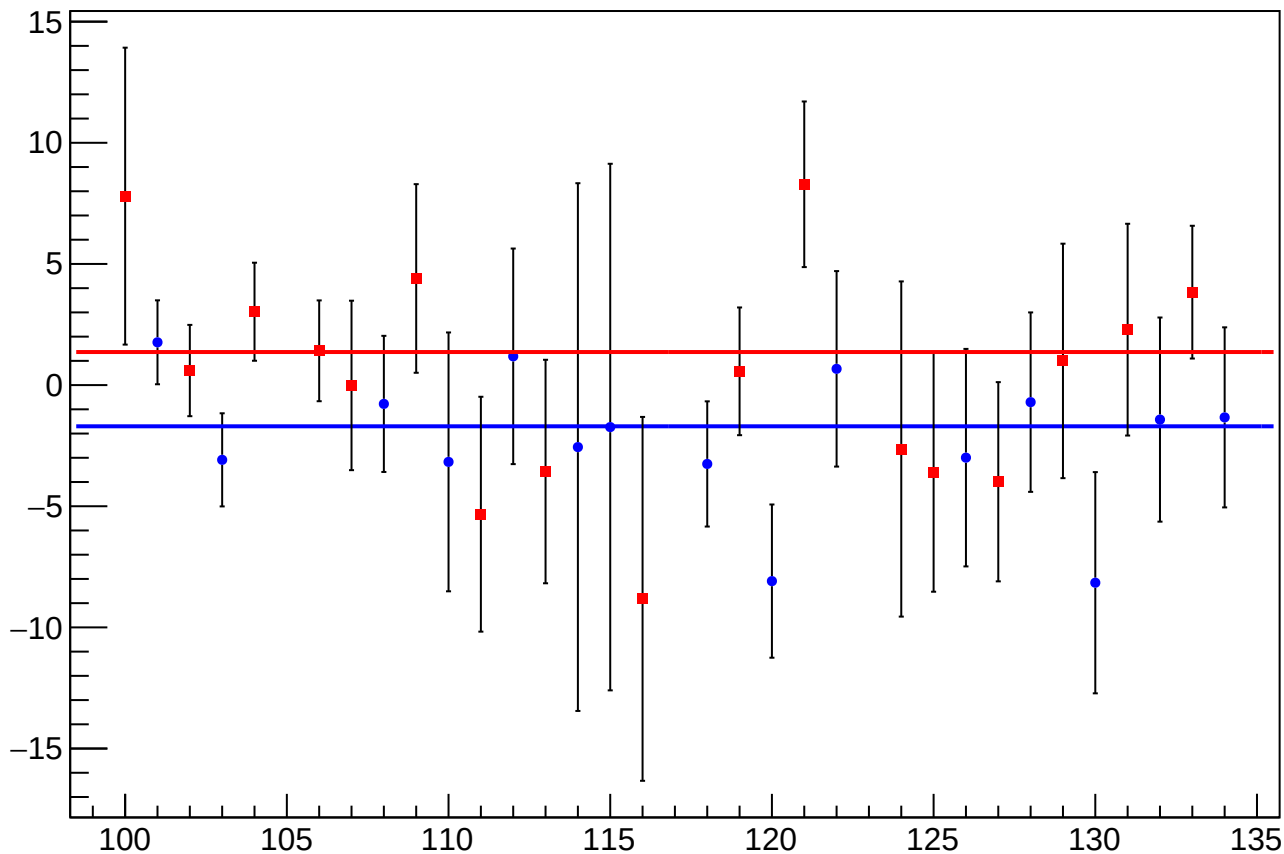
Right Out: 12497.714+/-3.475 χ^2/NDF : 489947.7/16

All: 12777.501+/-2.544 χ^2/NDF : 861010.8/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aediY_mean vs Slug



Right In: -1.701 $\pm$ 0.832 χ^2 /NDF: 12.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.365 $\pm$ 0.786 χ^2 /NDF: 15.7/16

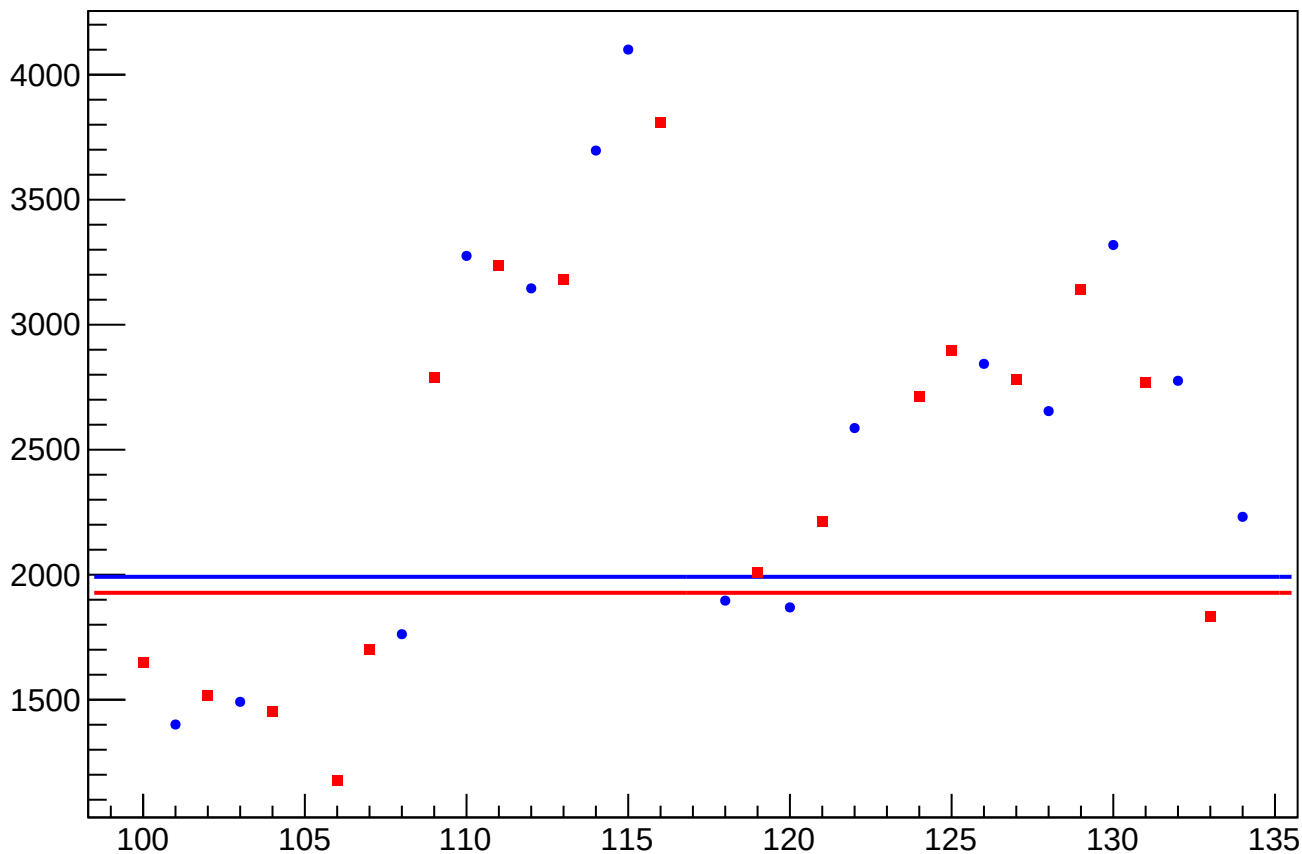
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.081 $\pm$ 0.571 χ^2 /NDF: 35.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm4aediY_rms vs Slug



Right In: 1991.615+/-0.588 χ^2/NDF : 1187757.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1927.617+/-0.556 χ^2/NDF : 1401827.6/16

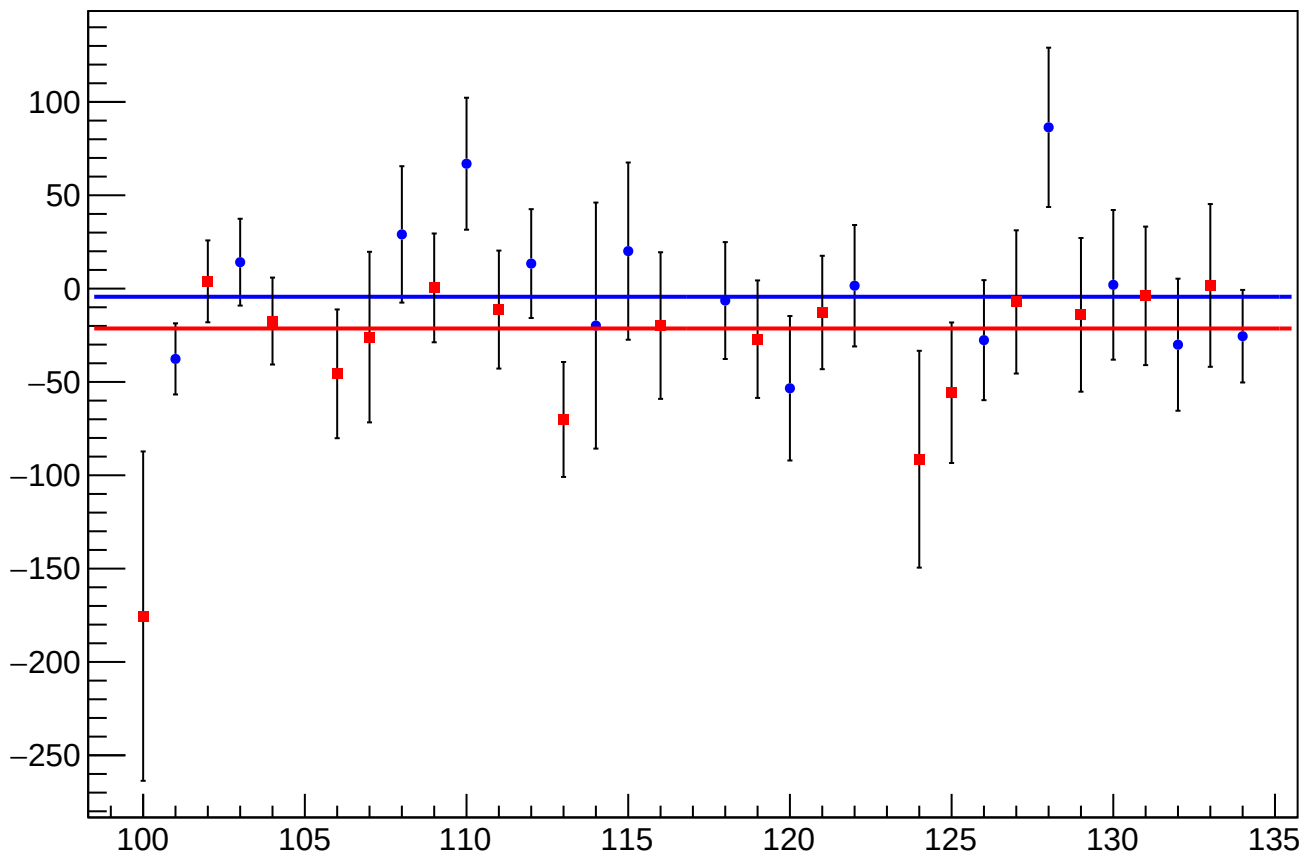
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1957.797+/-0.404 χ^2/NDF : 2595834.7/31

- sign 0.000+/-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: -21.363 ± 8.200 χ^2/NDF : 11.2/16

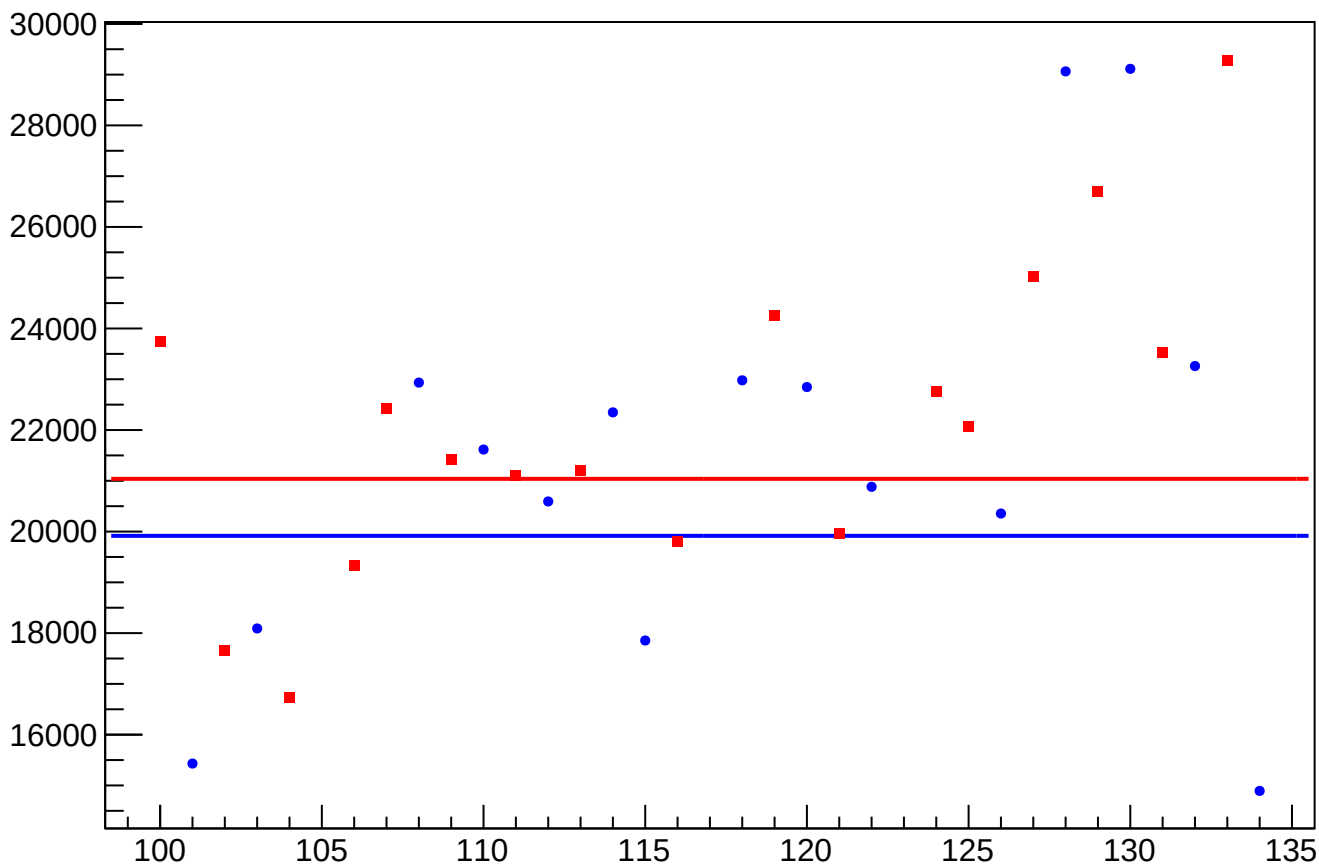
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.774 ± 5.767 χ^2/NDF : 30.6/31

- 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

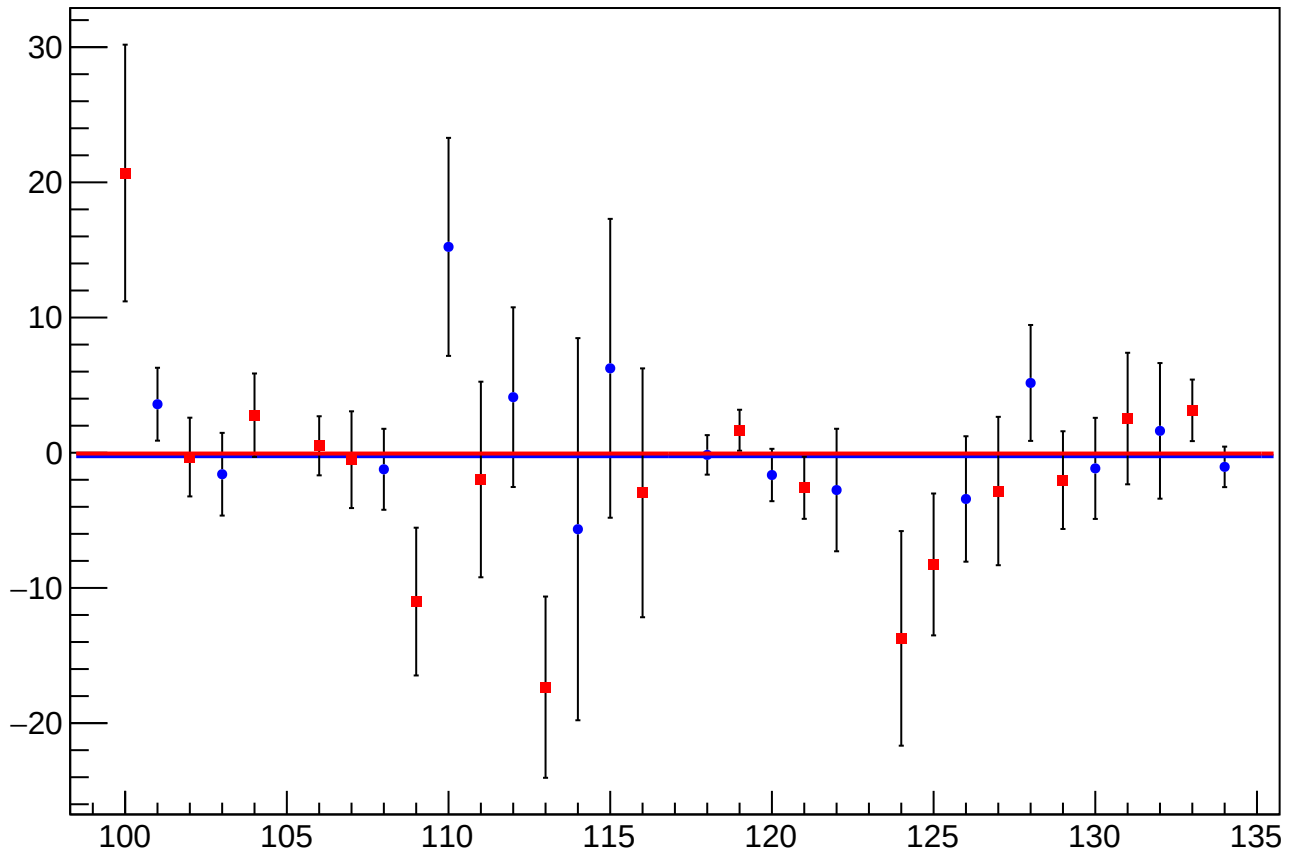
Right Out: 21038.985+/-5.799 χ^2/NDF : 293468.2/16

All: 20471.375+/-4.078 χ^2/NDF : 791314.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -0.059+/-0.783 χ^2/NDF : 27.3/16

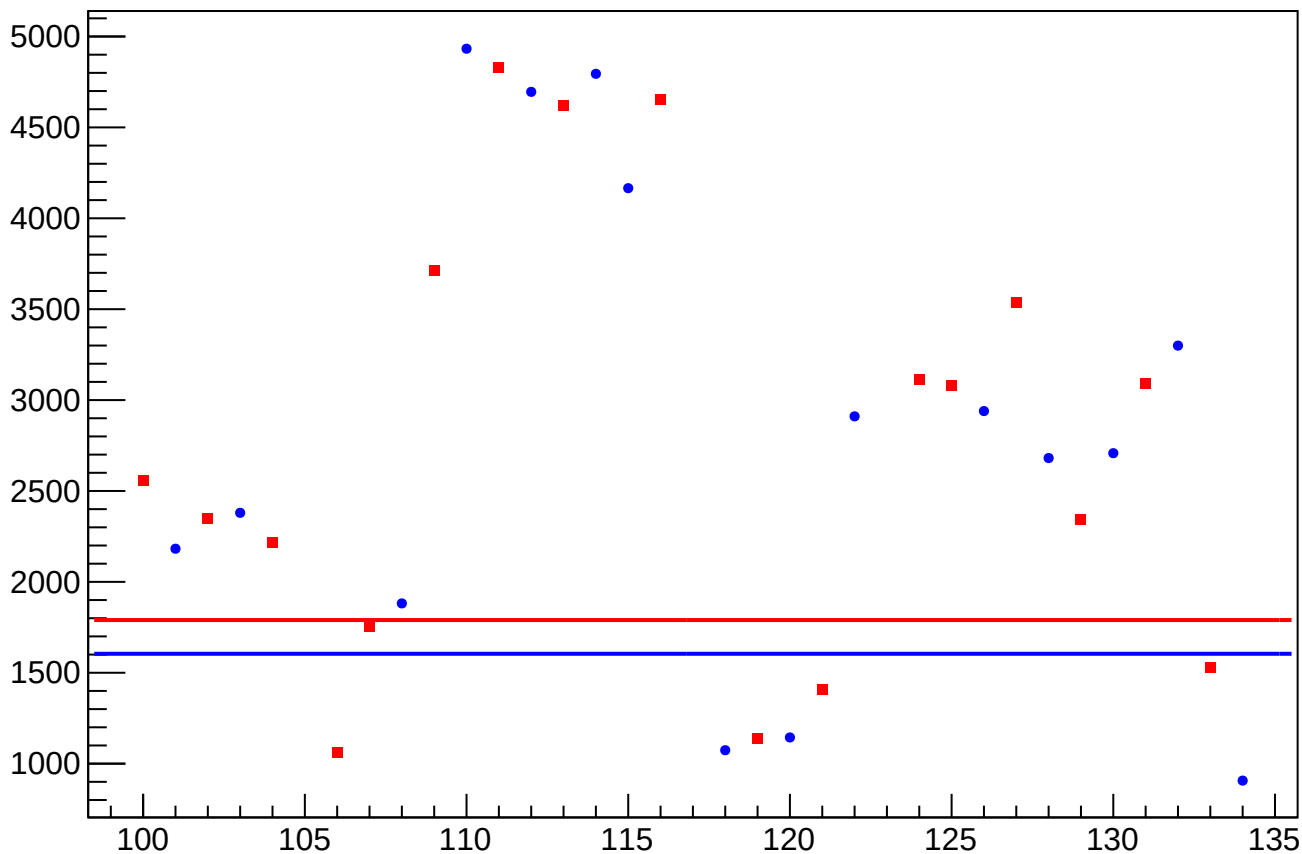
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.164+/-0.536 χ^2/NDF : 37.6/31

- 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

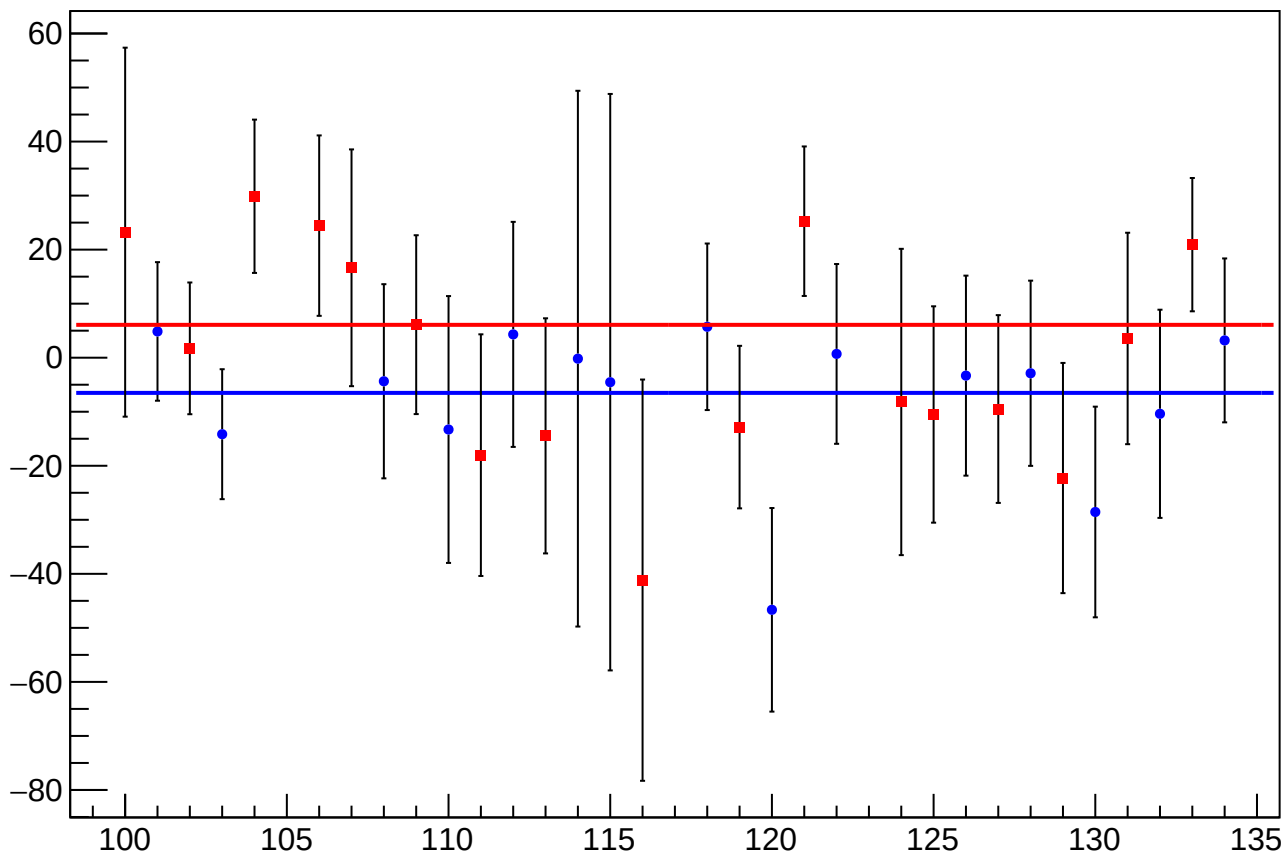
Right Out: 1789.960+/-0.554 χ^2/NDF : 2518943.9/16

All: 1691.382+/-0.379 χ^2/NDF : 5469534.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 6.081 $\pm$ 4.272 χ^2 /NDF: 16.8/16

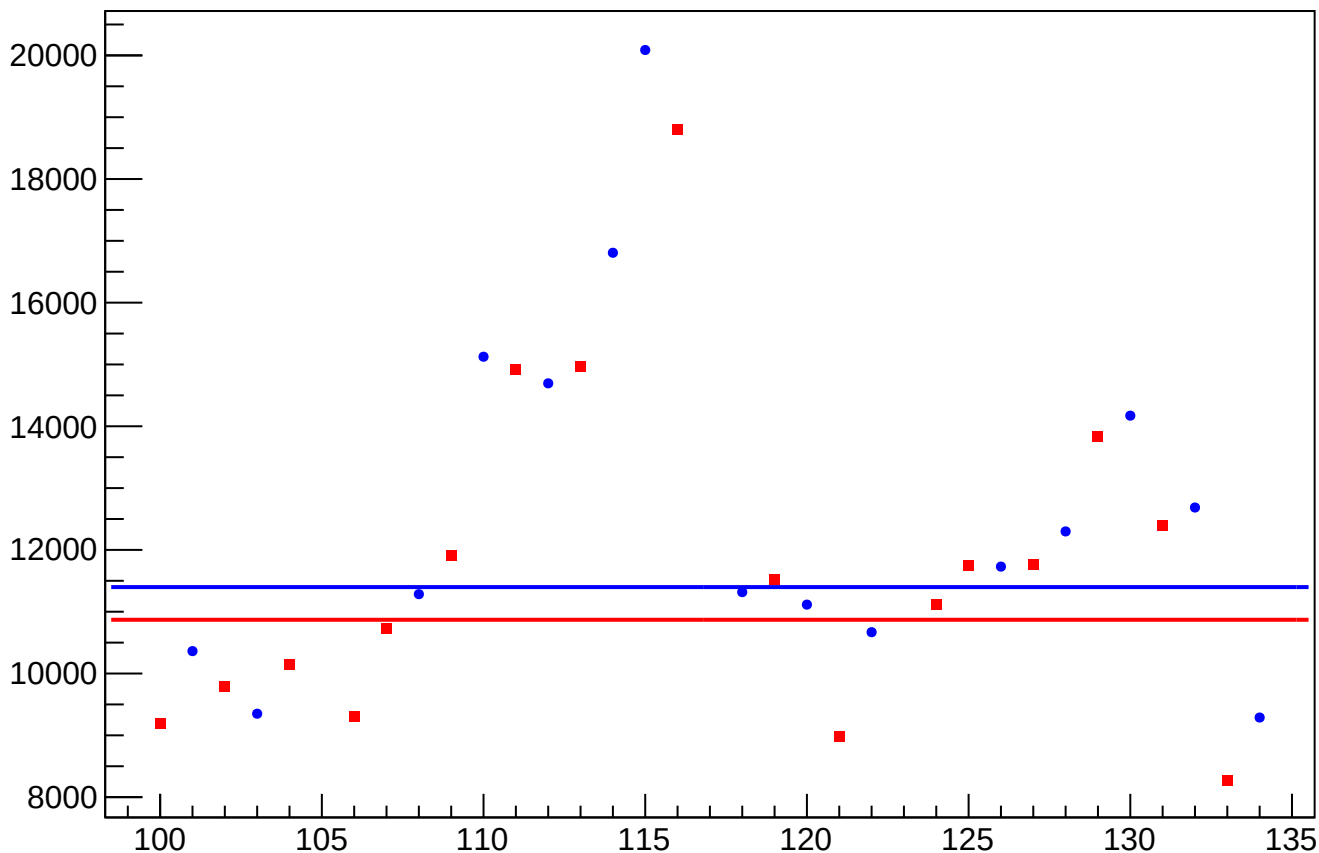
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.238 $\pm$ 3.128 χ^2 /NDF: 29.6/31

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

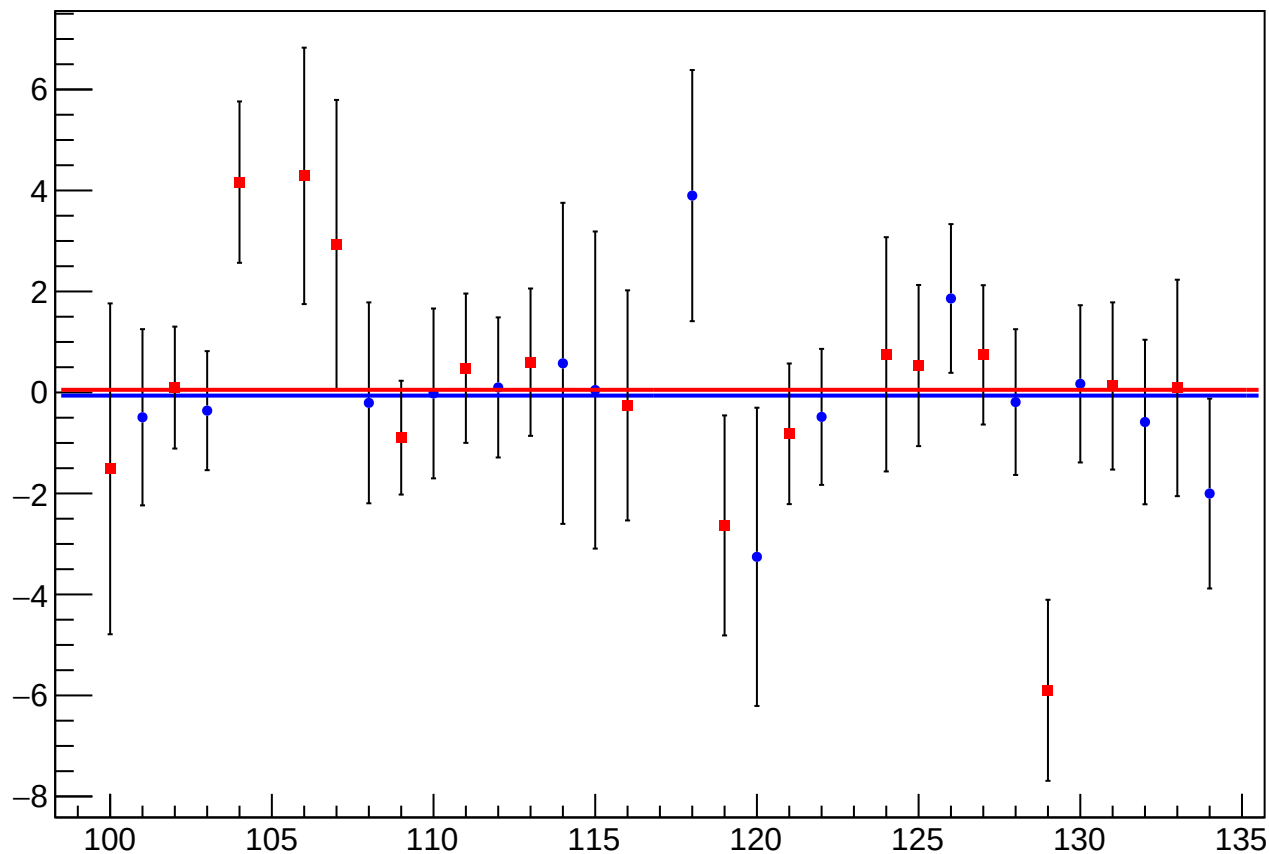
Right Out: 10869.662+/-3.021 χ^2/NDF : 468249.6/16

All: 11114.957+/-2.211 χ^2/NDF : 824798.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 0.052 ± 0.406 χ^2/NDF : 25.0/16

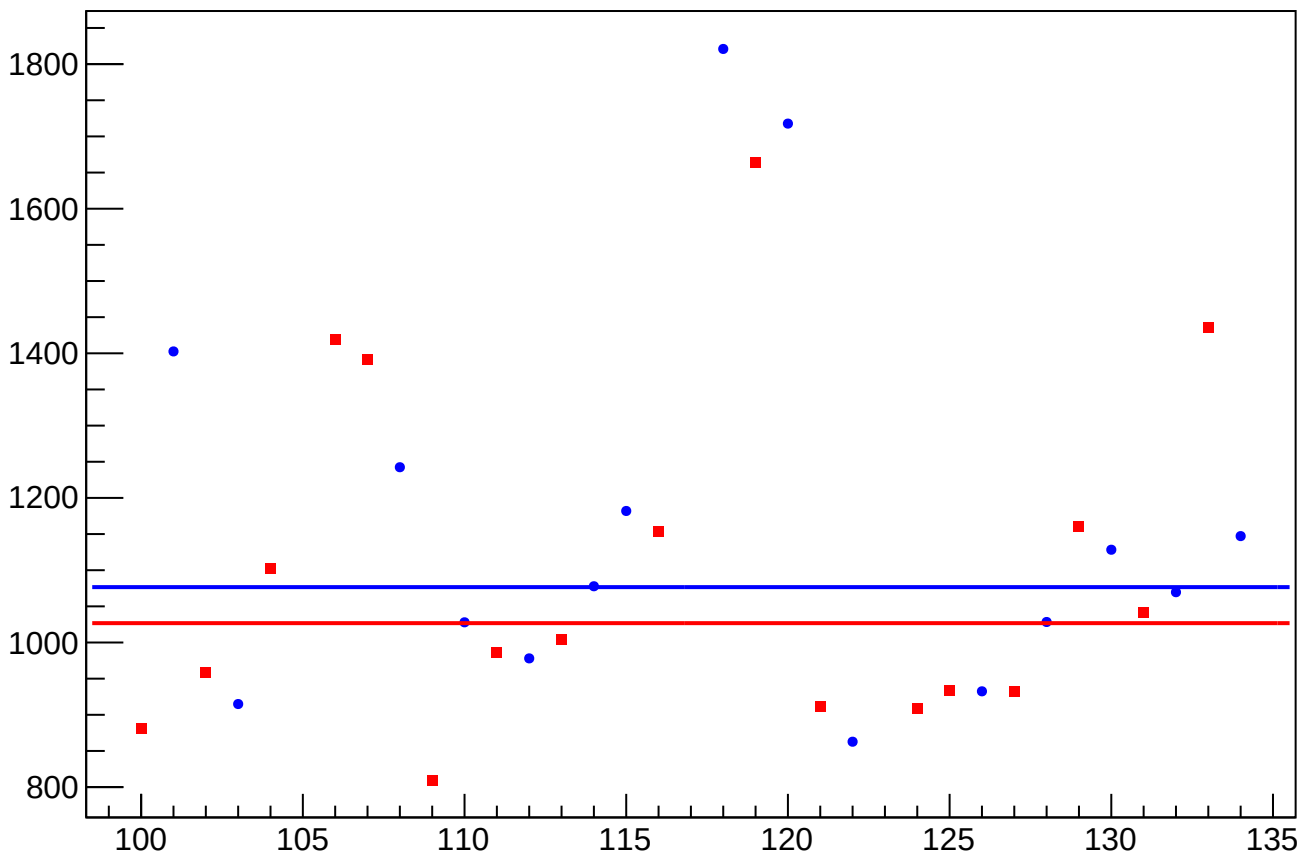
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.298 χ^2/NDF : 31.9/31

- 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: 1026.774 $\pm$ 0.287 χ^2 /NDF: 467169.7/16

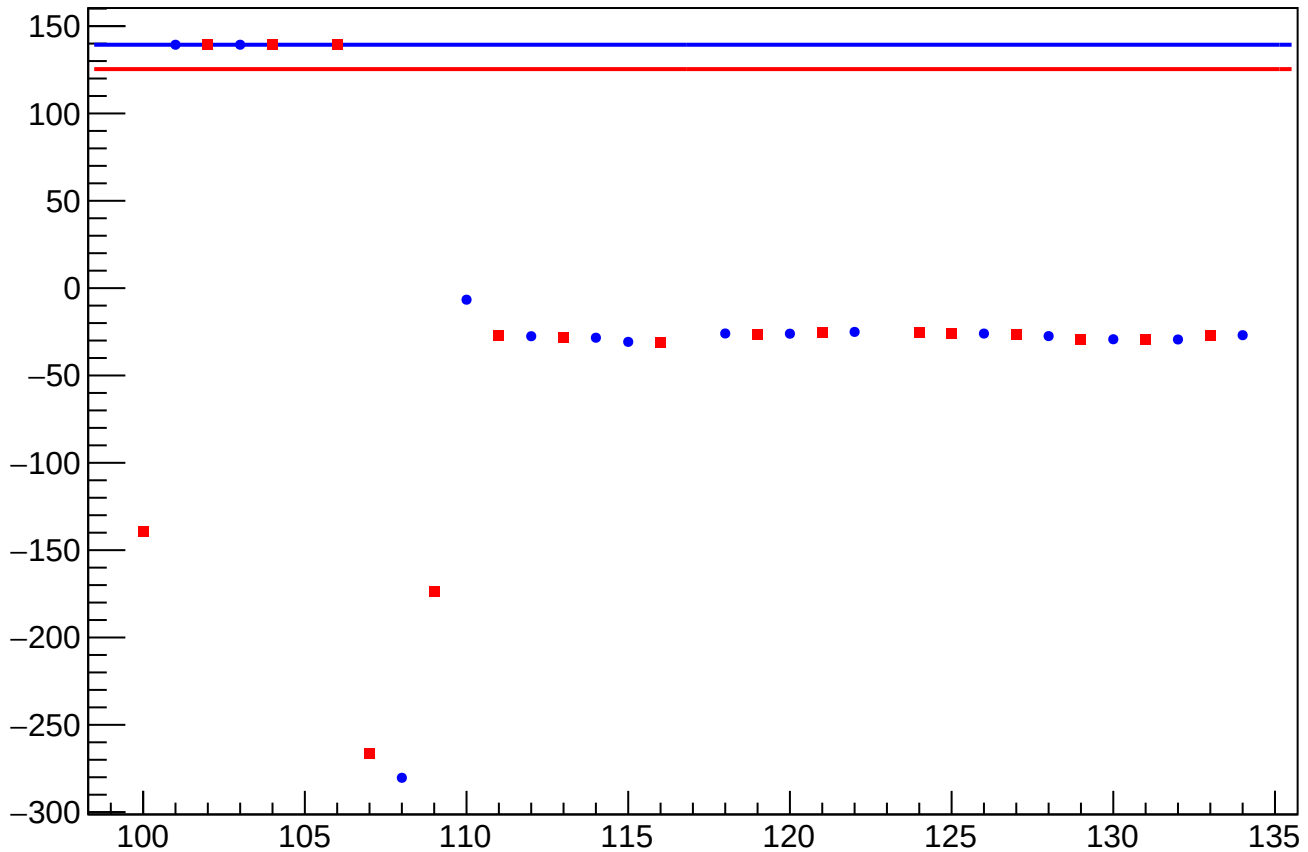
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1049.786 $\pm$ 0.210 χ^2 /NDF: 966779.0/31

- 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

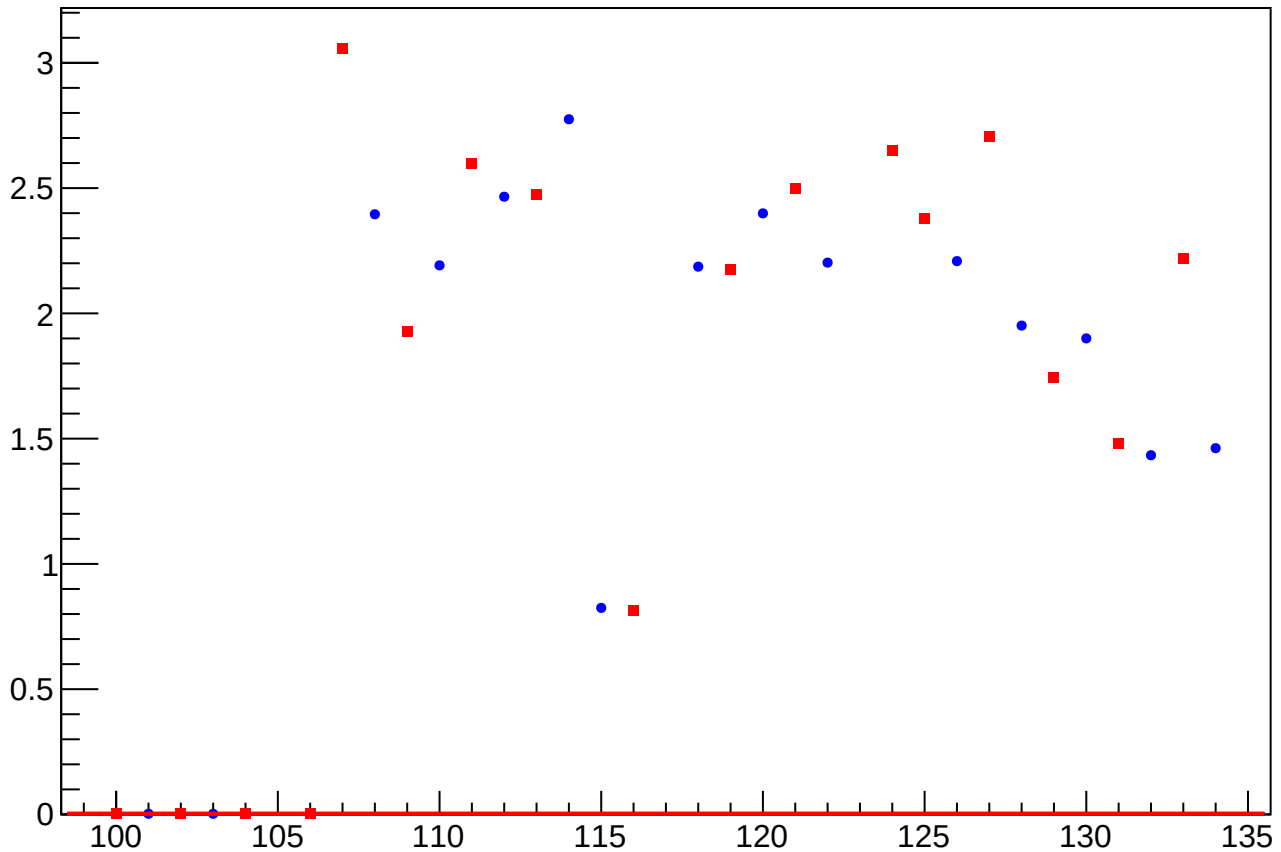
All: 131.818 $\pm$ 0.000 χ^2 /NDF: 79299077914.2/16

Right Out: 125.392 $\pm$ 0.000 χ^2 /NDF: 774166428112631.2/16

- 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 : 8696518.8/16

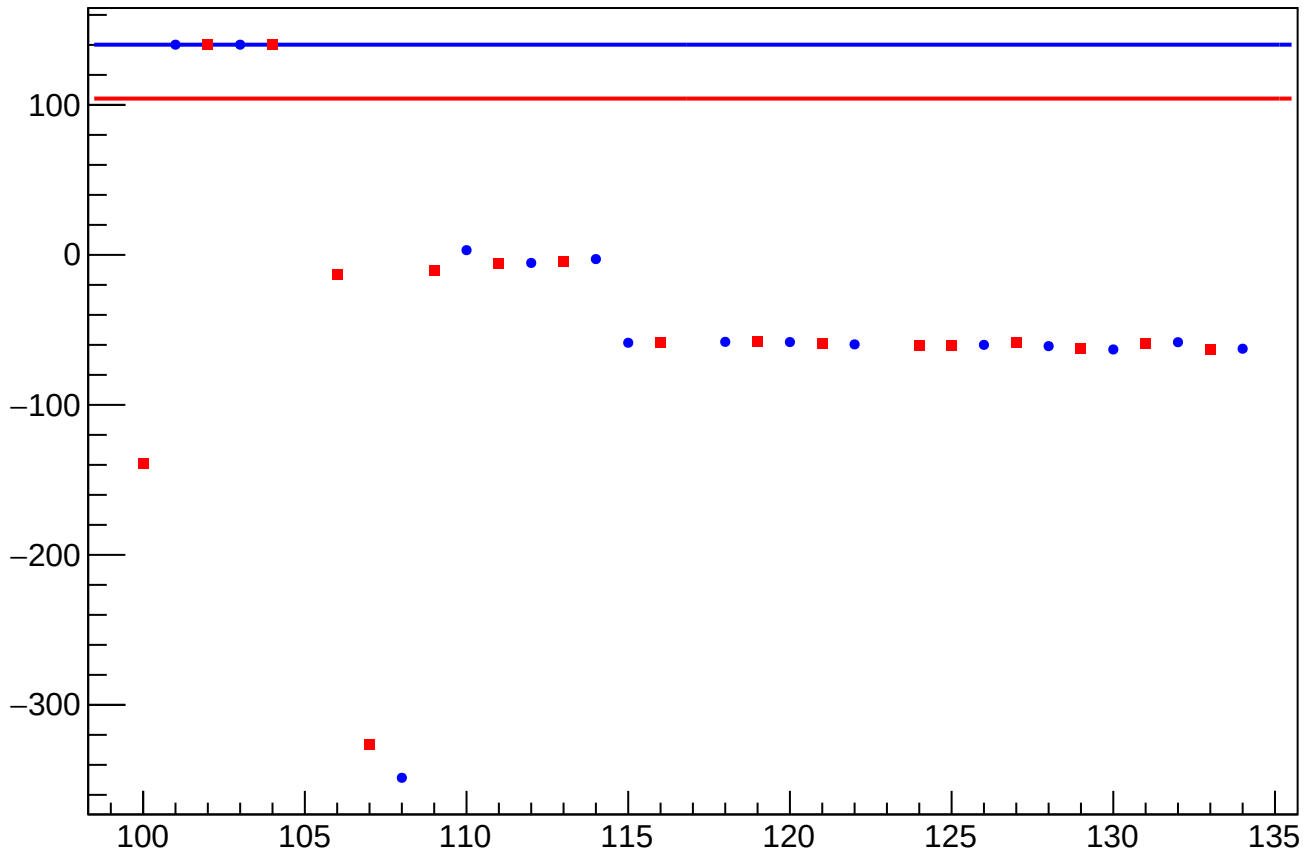
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 16976243.2/31

- 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

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

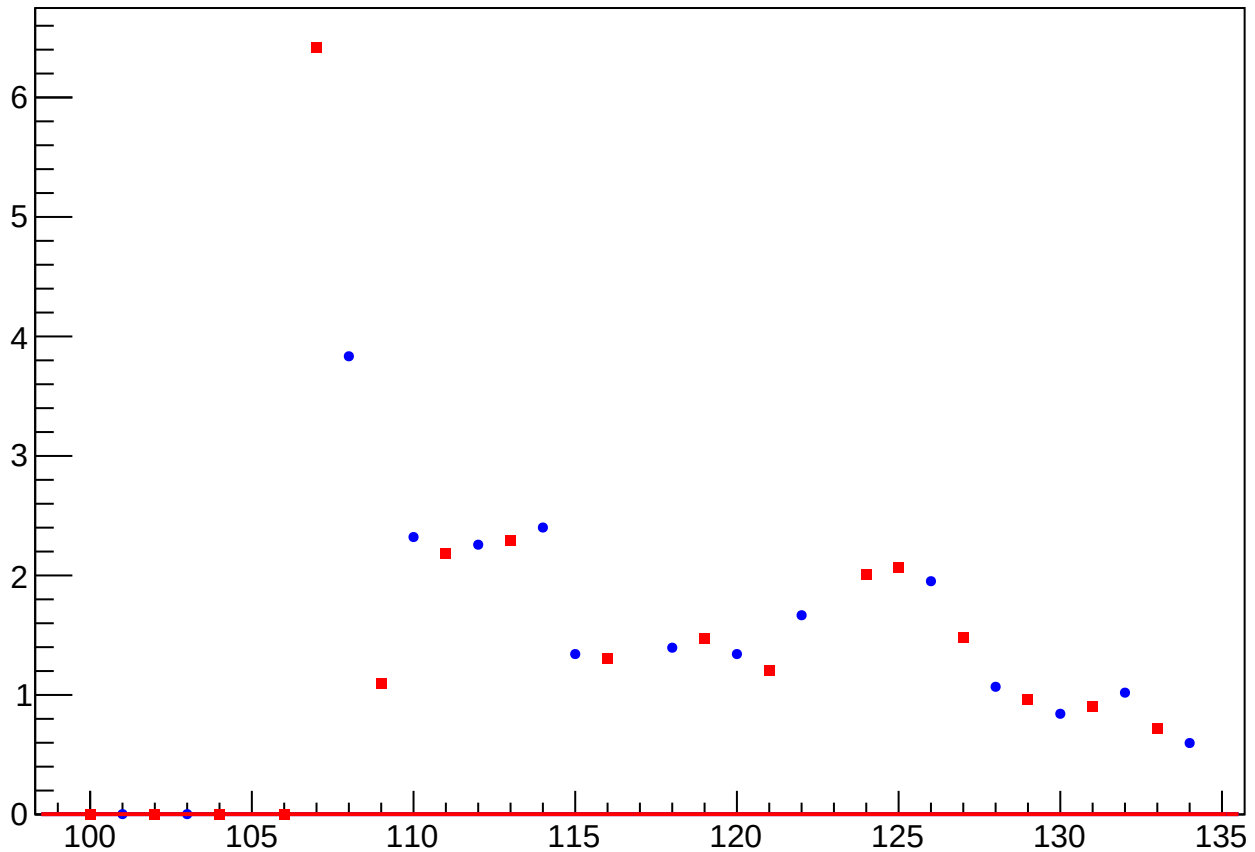
Right Out: 104.225+/-0.000 χ^2/NDF : 1257371671395131.5/16

All: 120.833+/-0.000 χ^2/NDF : 138081749562

- 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 : 9060392.7/16

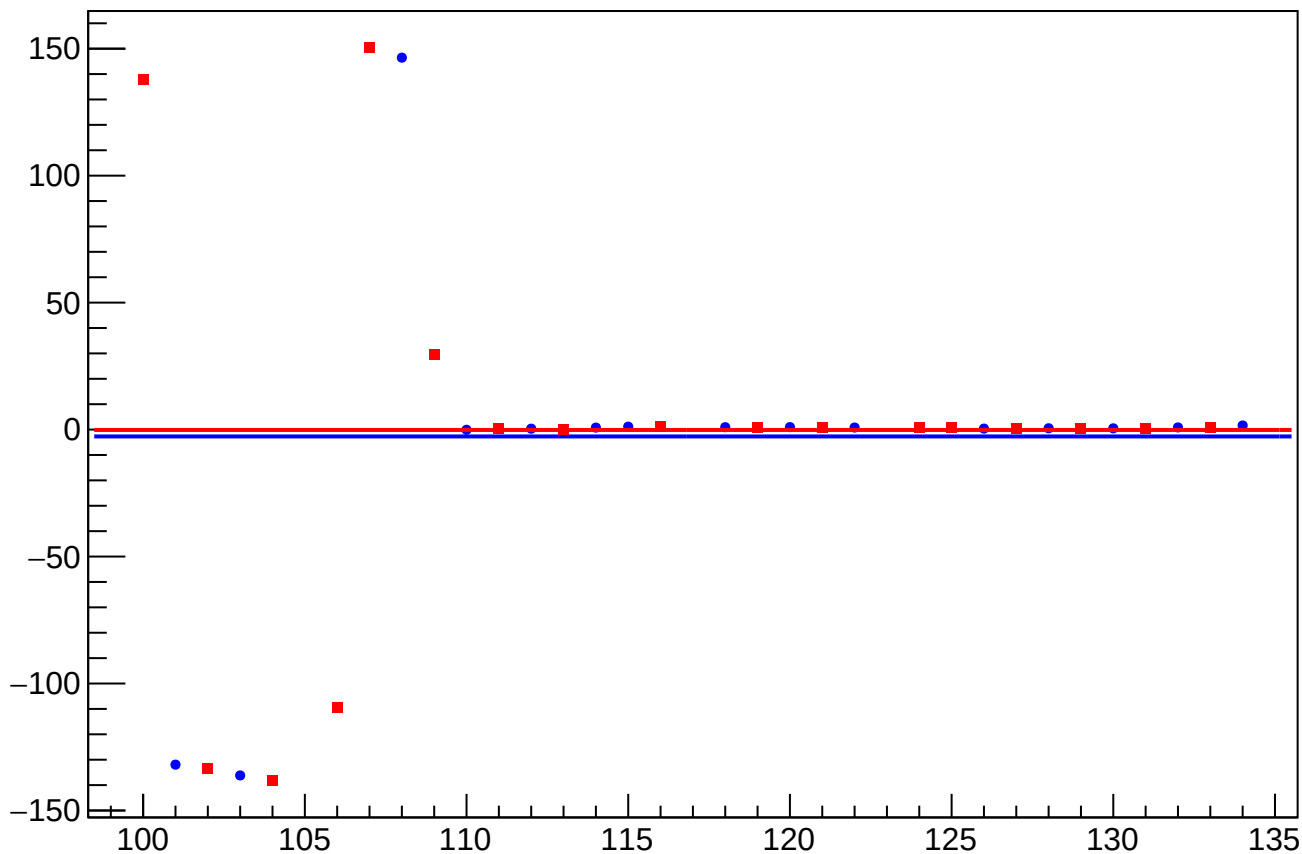
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 18205580.0/31

- 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: -0.145+/-0.000 χ^2/NDF : 3605795974.8/16

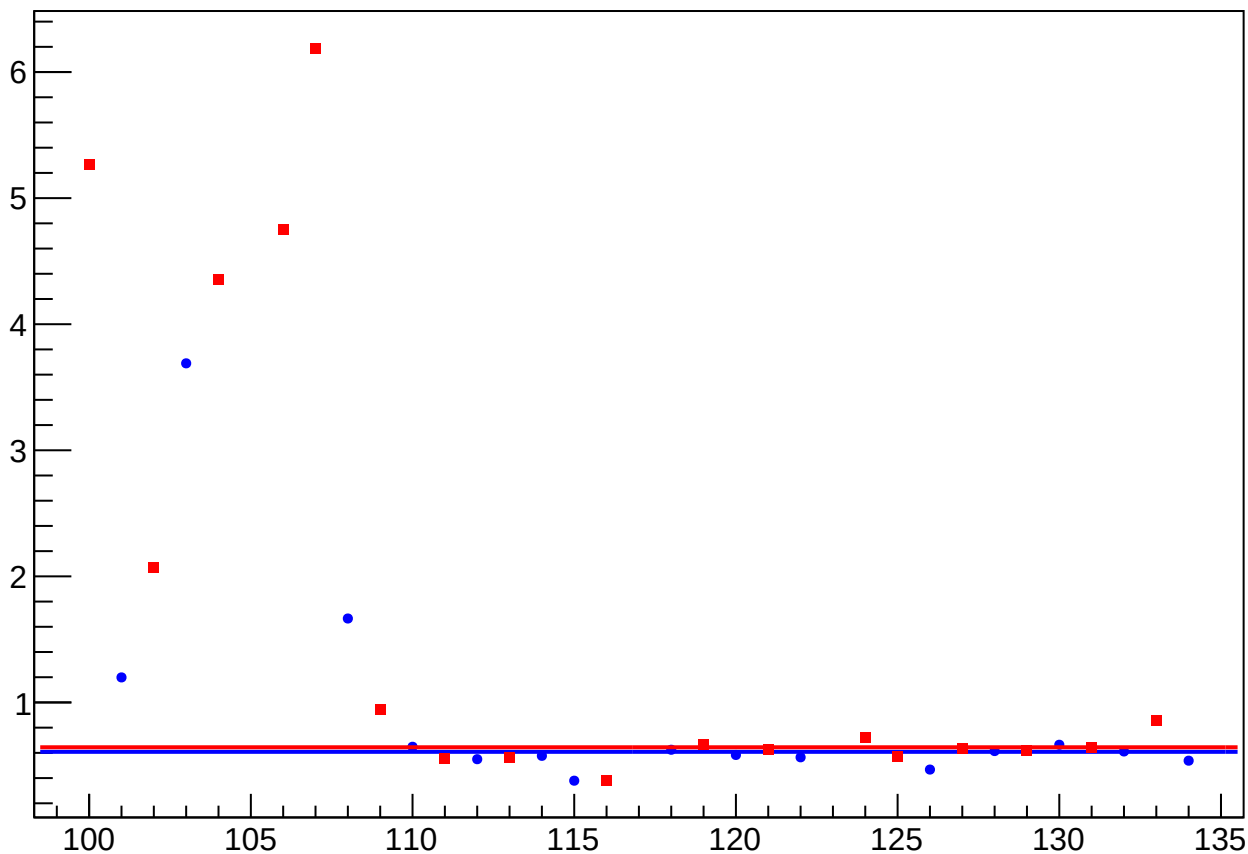
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.502+/-0.000 χ^2/NDF : 13492210638.8/

- 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: 0.644 $\pm$ 0.000 χ^2 /NDF: 2344789.7/16

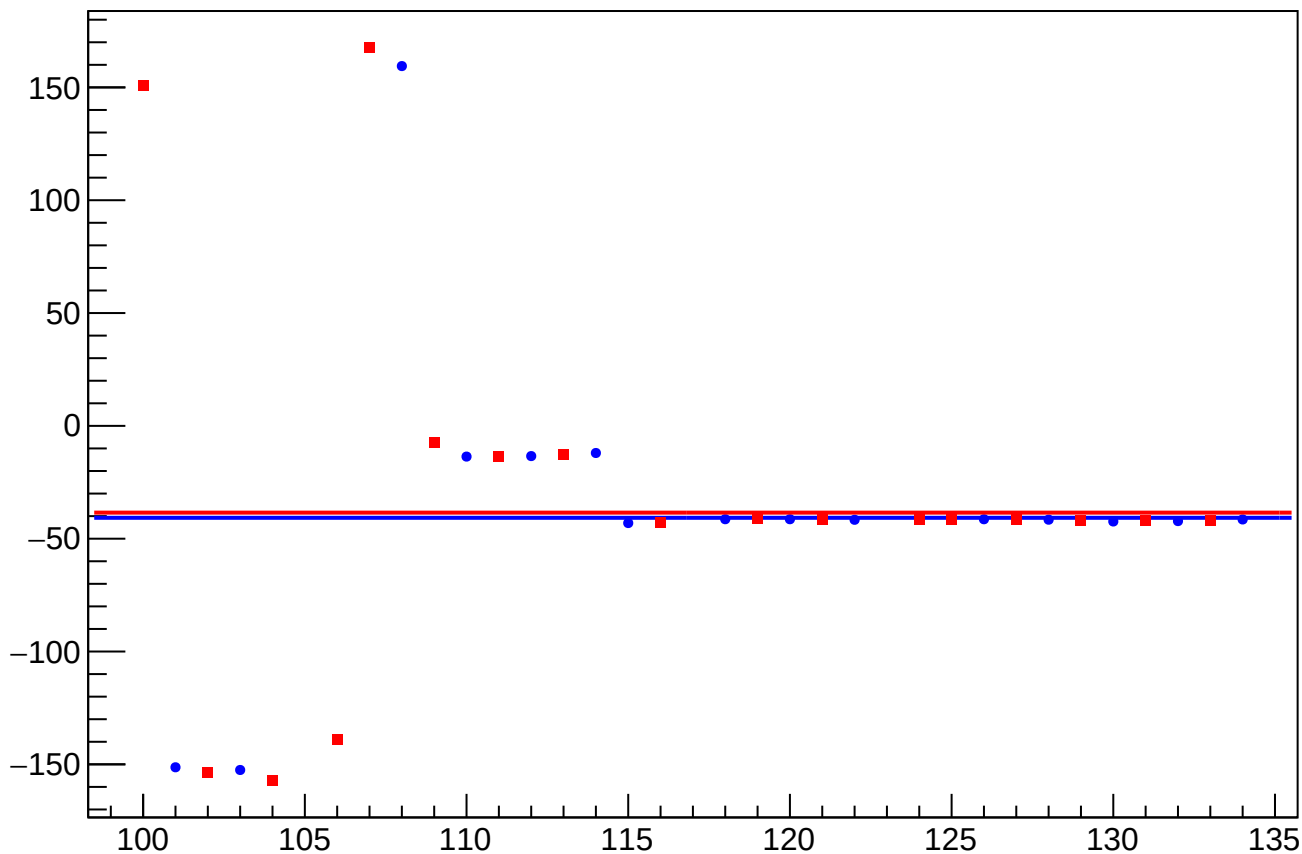
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.625 $\pm$ 0.000 χ^2 /NDF: 3729989.8/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4cY_mean vs Slug



Right In: -40.738 $\pm$ 0.000 χ^2 /NDF: 3445782180.1/14

+ 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

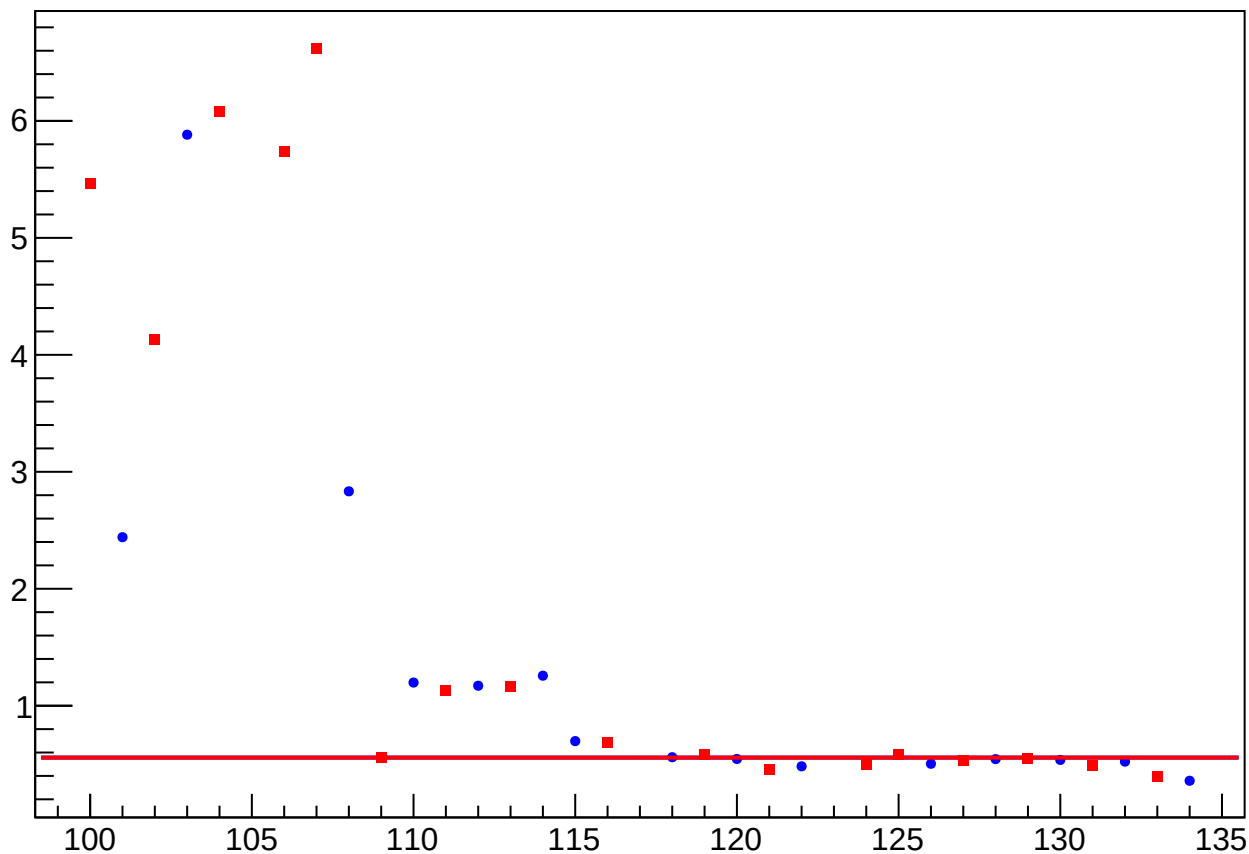
Right Out: -38.446 $\pm$ 0.000 χ^2 /NDF: 2450000461.1/16

All: -39.590 $\pm$ 0.000 χ^2 /NDF: 5933177176.7/14

- 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_cav4cY_rms vs Slug



Right In: 0.557+/-0.000 χ^2/NDF : 2800570.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.557+/-0.000 χ^2/NDF : 3114118.5/16

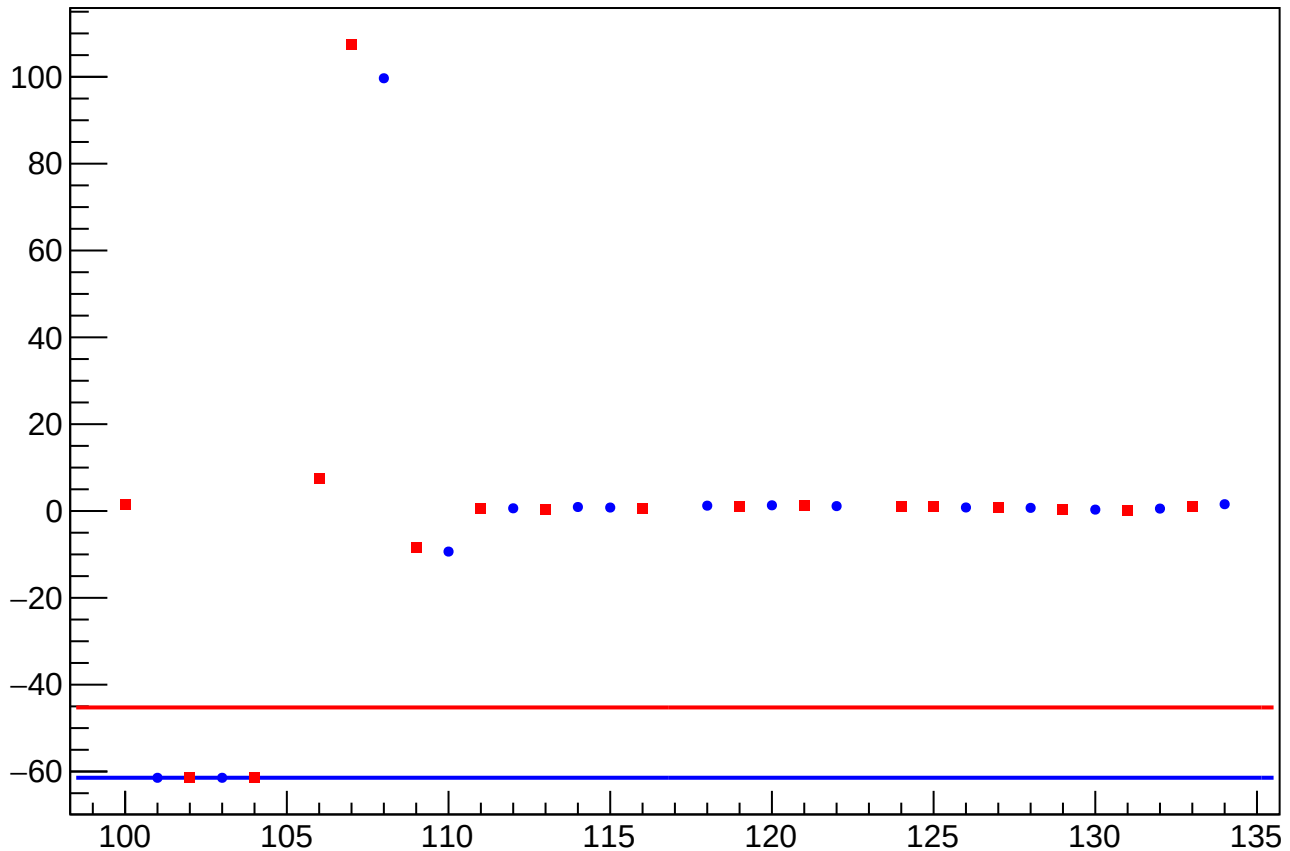
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.557+/-0.000 χ^2/NDF : 5914688.6/31

- sign 0.000+/-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

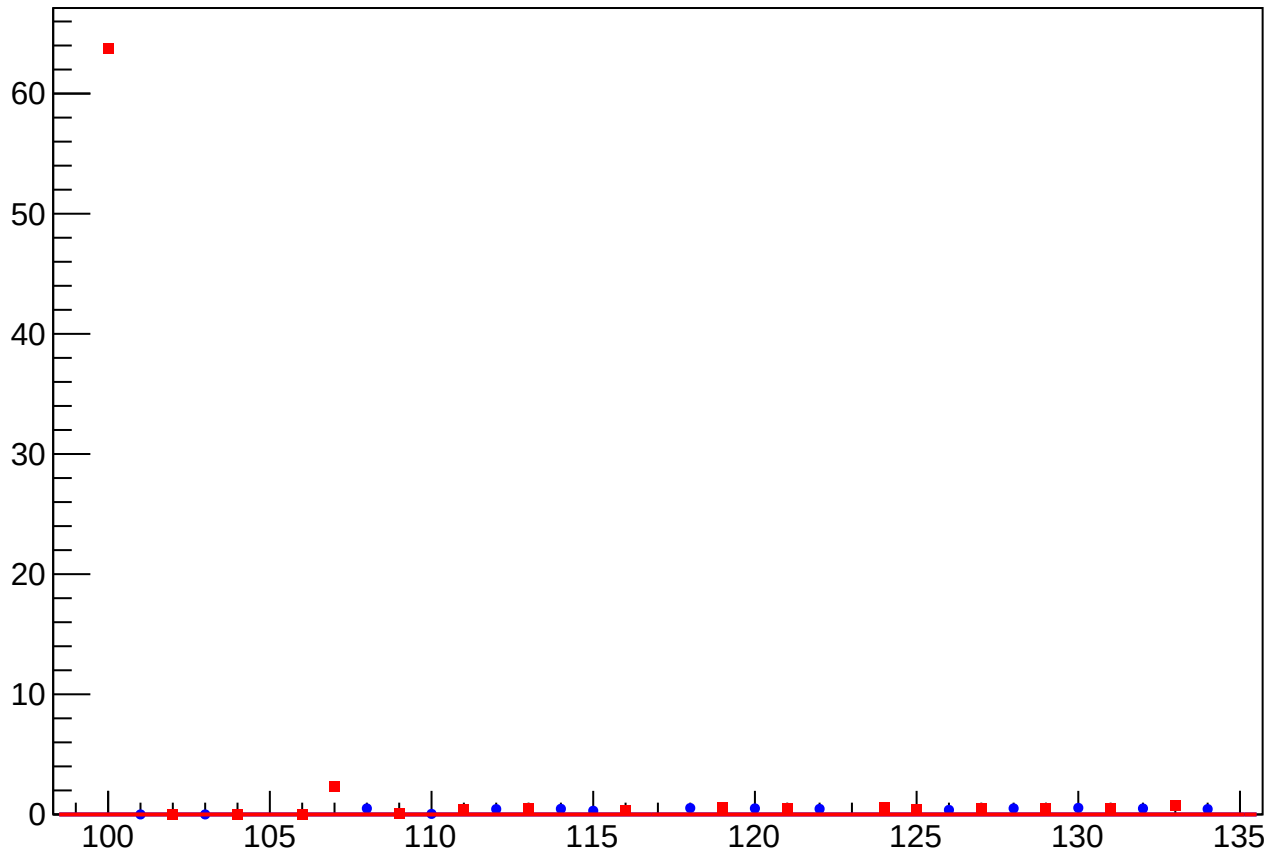
All: -52.750+/-0.000 χ^2/NDF : 409093462642

Right Out: -45.246+/-0.000 χ^2/NDF : 357861613743621.8/16

- 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 : 8178150.5/16

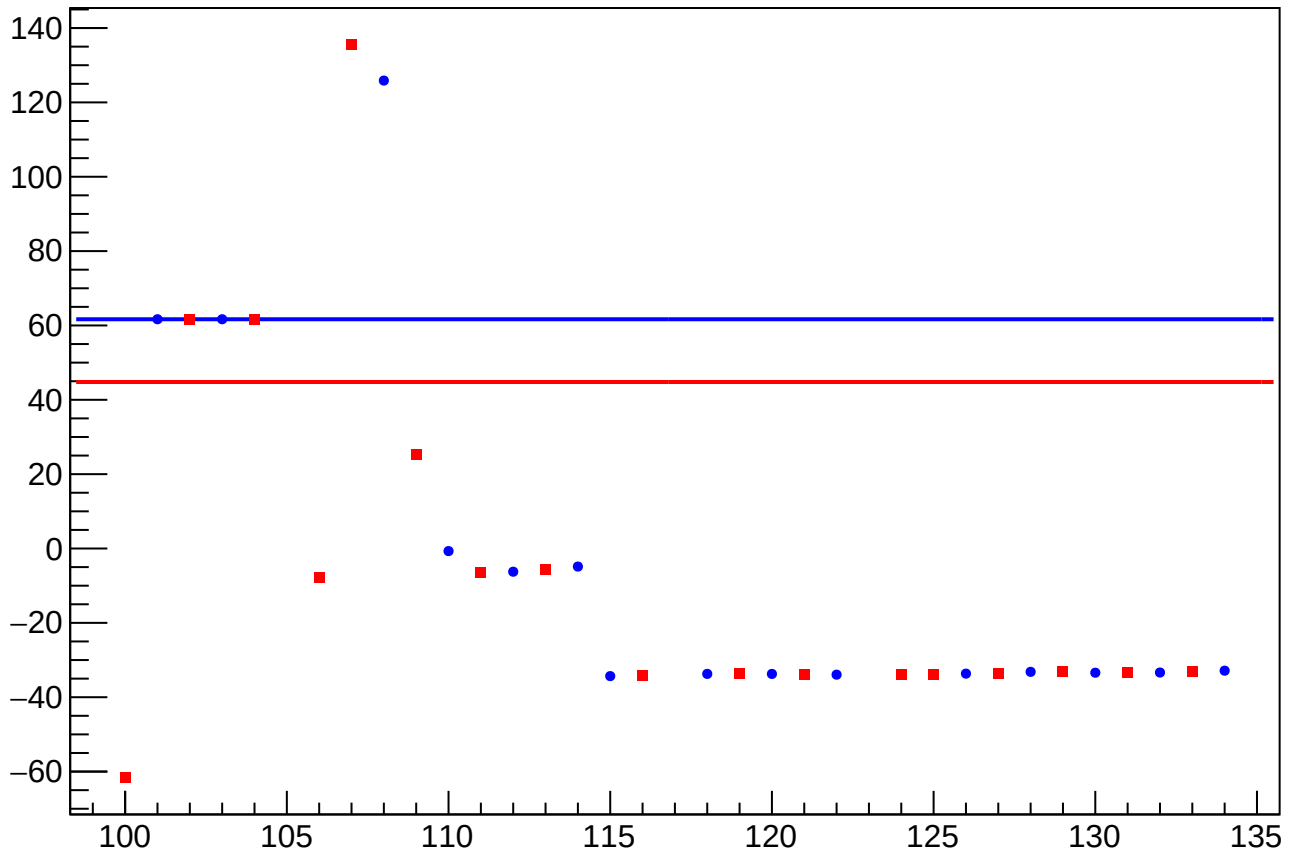
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 15961302.4/31

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

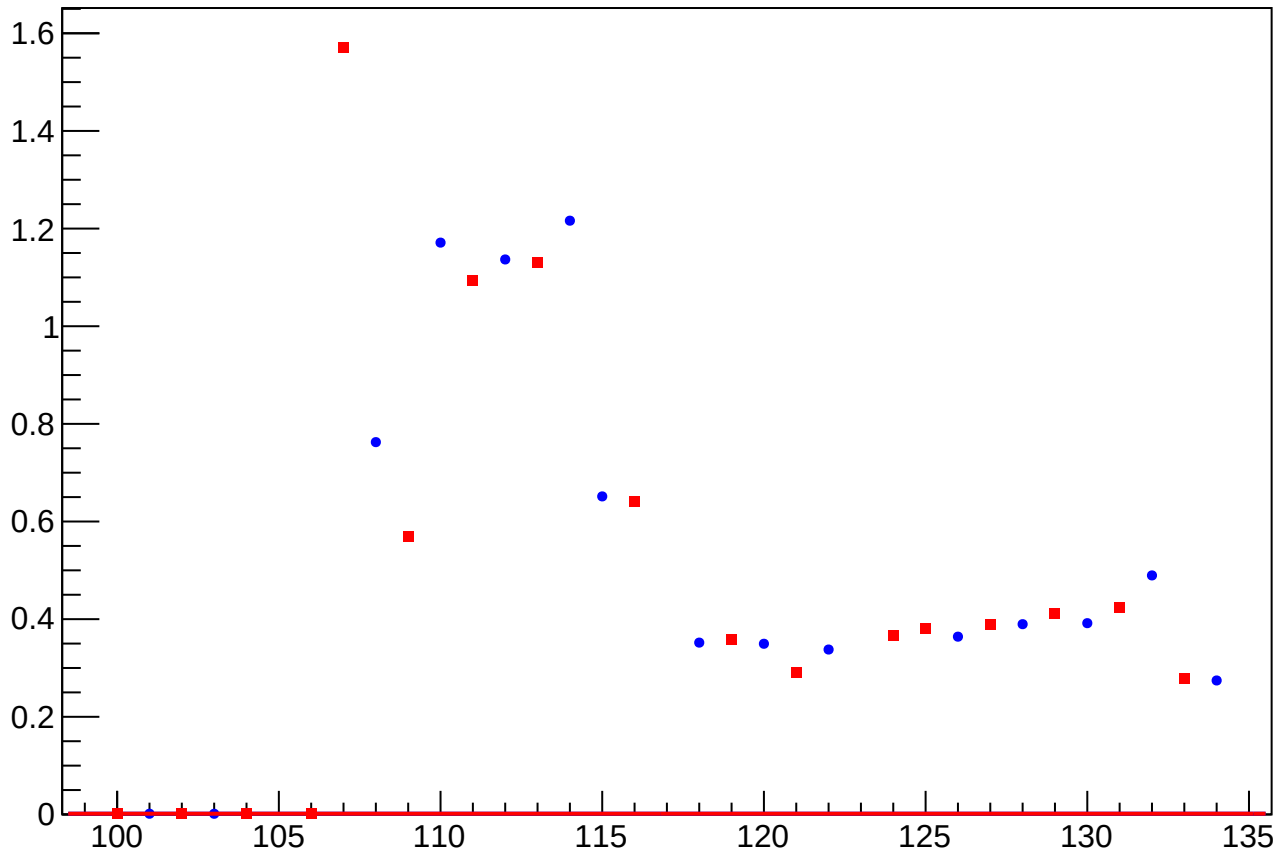
Right Out: 44.788+/-0.000 χ^2/NDF : 366030934984450.7/16

All: 52.691+/-0.000 χ^2/NDF : 4173862007743

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 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 : 9237915.7/16

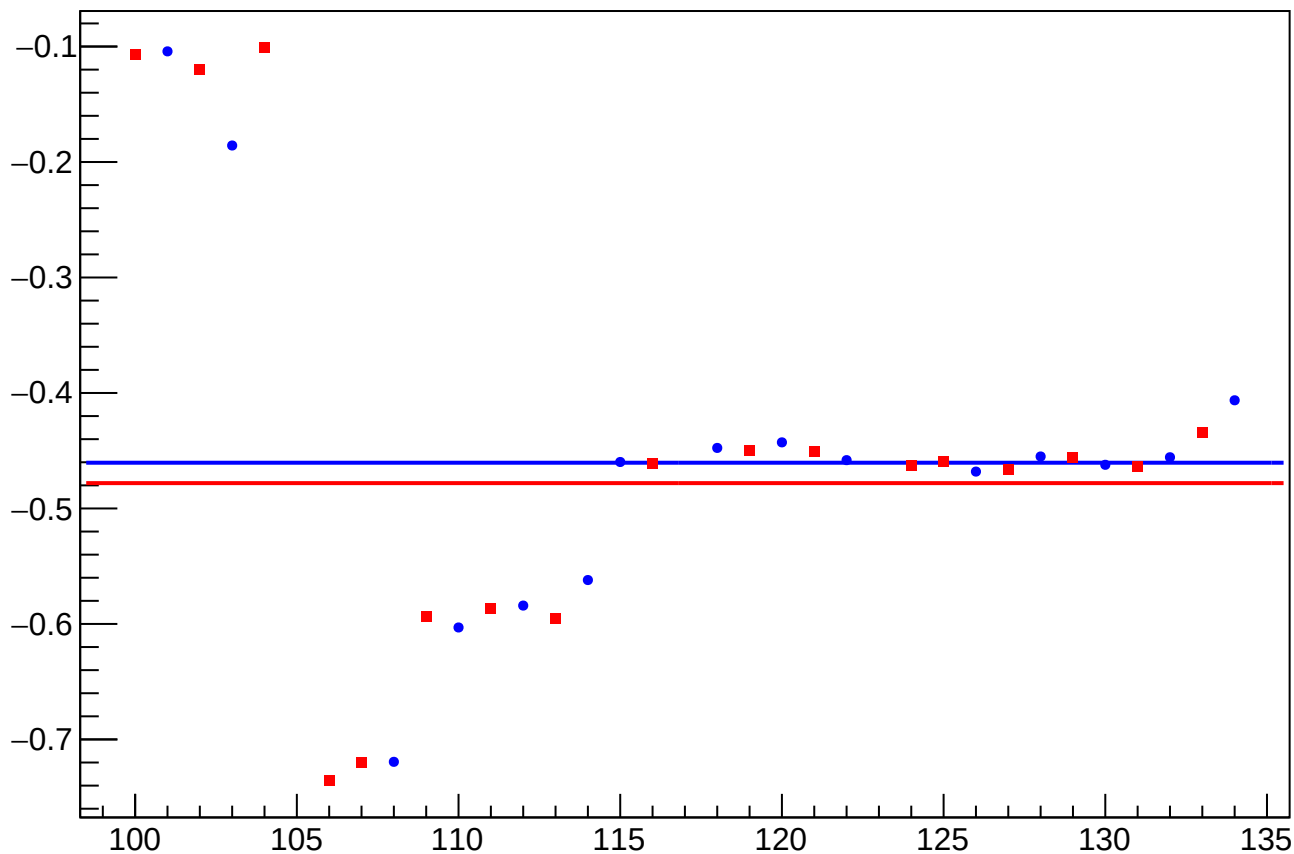
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 18626973.5/31

- 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: -0.478+/-0.000 χ^2/NDF : 102355102.7/16

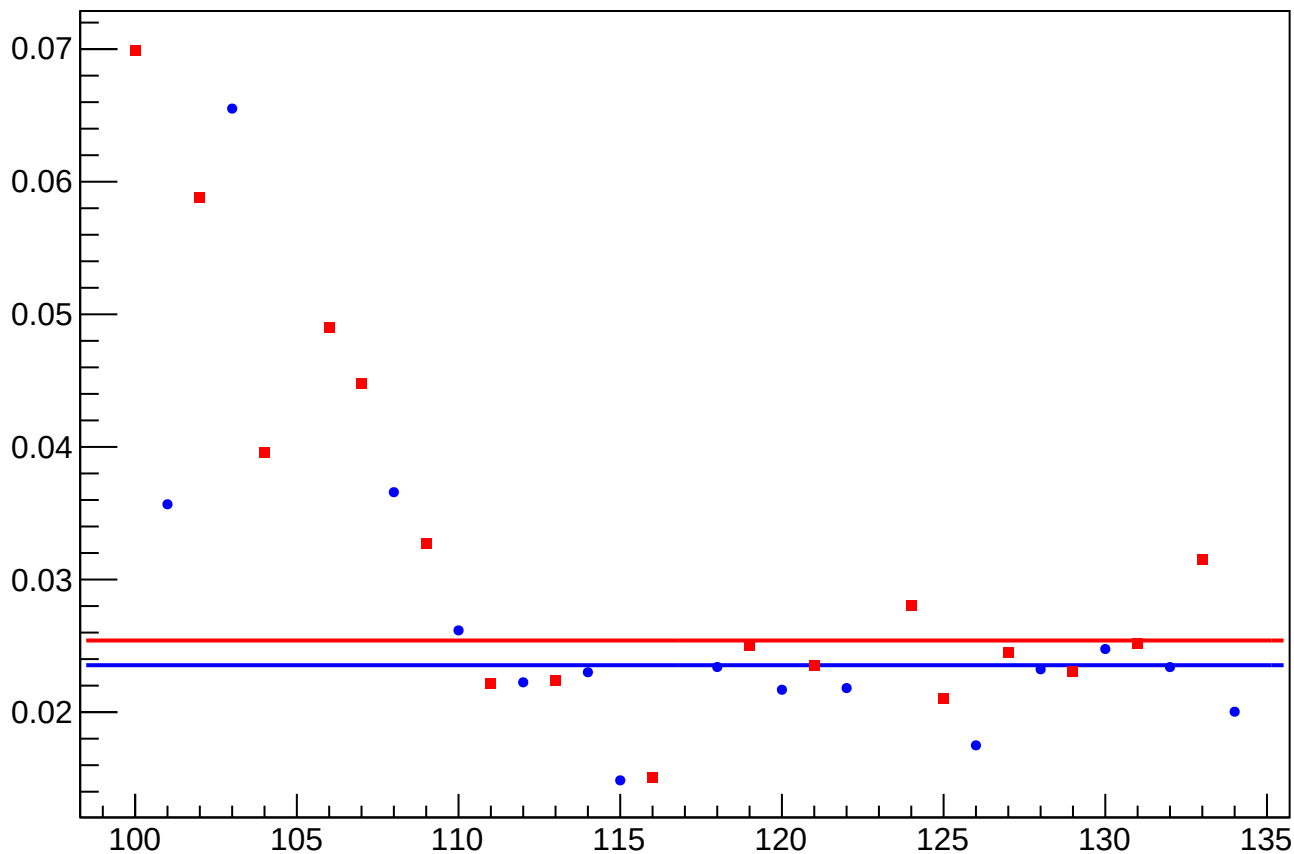
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.469+/-0.000 χ^2/NDF : 212391985.5/31

- 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: 0.025 $\pm$ 0.000 χ^2 /NDF: 1038305.5/16

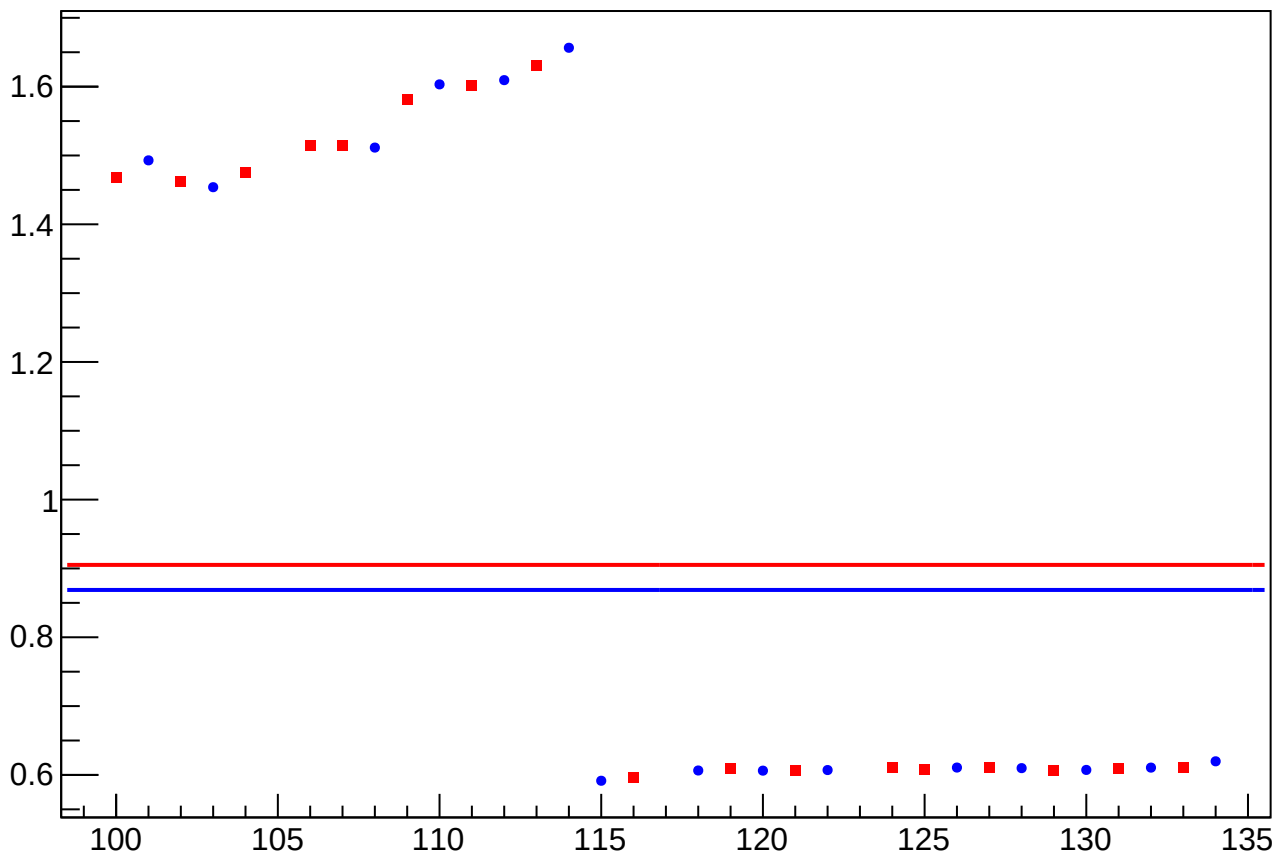
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.024 $\pm$ 0.000 χ^2 /NDF: 1925679.0/31

- 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: 0.905+/-0.000 χ^2/NDF : 3978830347.9/16

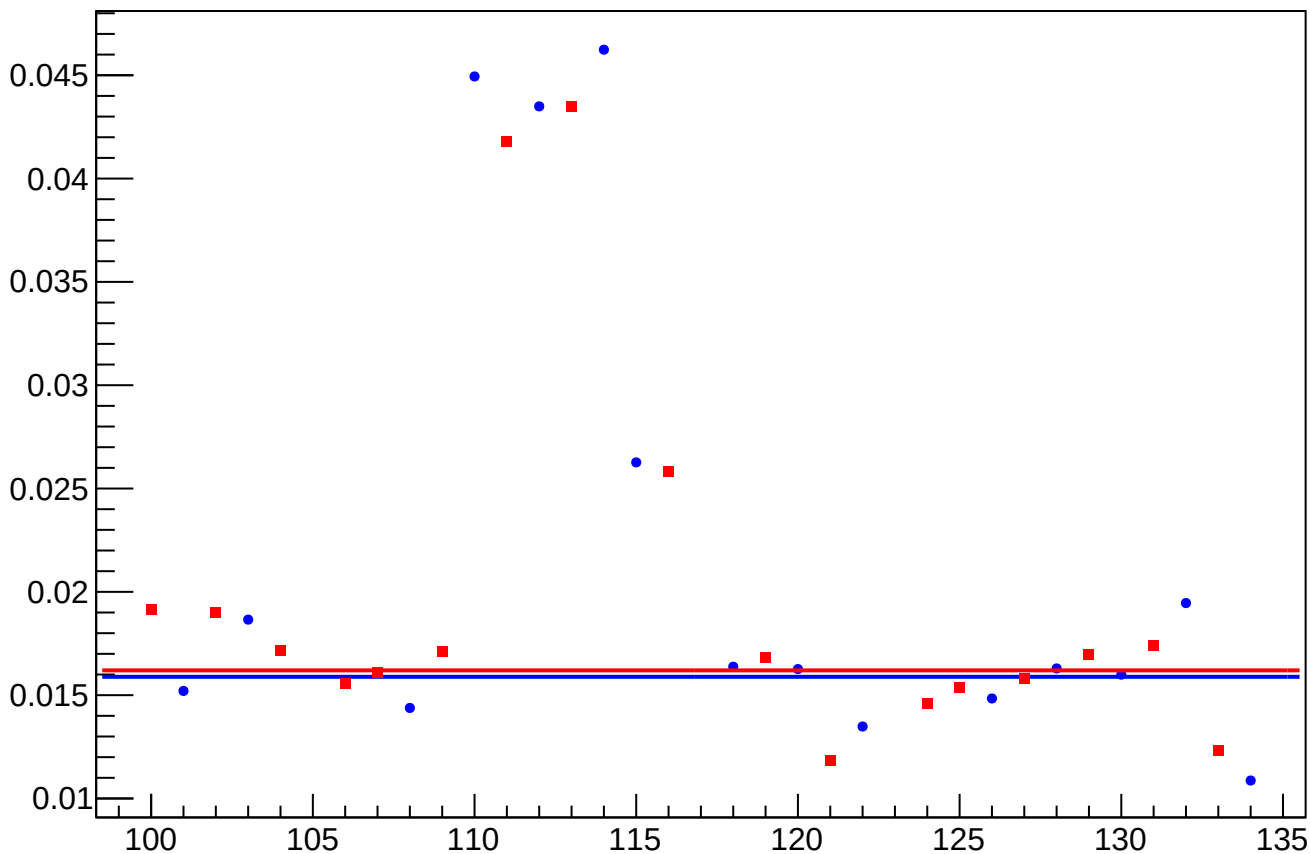
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.887+/-0.000 χ^2/NDF : 7483997060.3/33

- 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: 0.016+/-0.000 χ^2/NDF : 986101.9/16

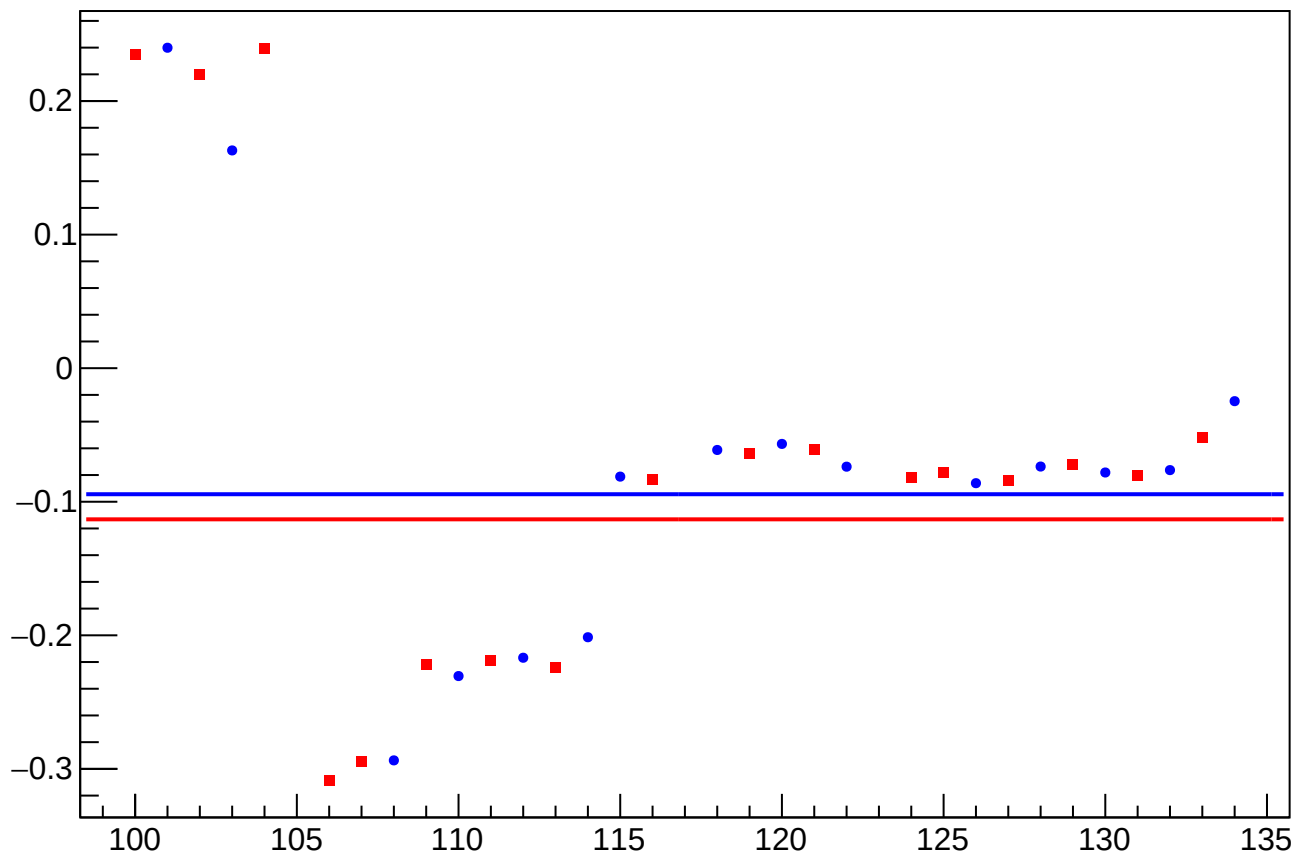
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 2017880.4/31

- 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: -0.113+/-0.000 χ^2/NDF : 110655827.6/16

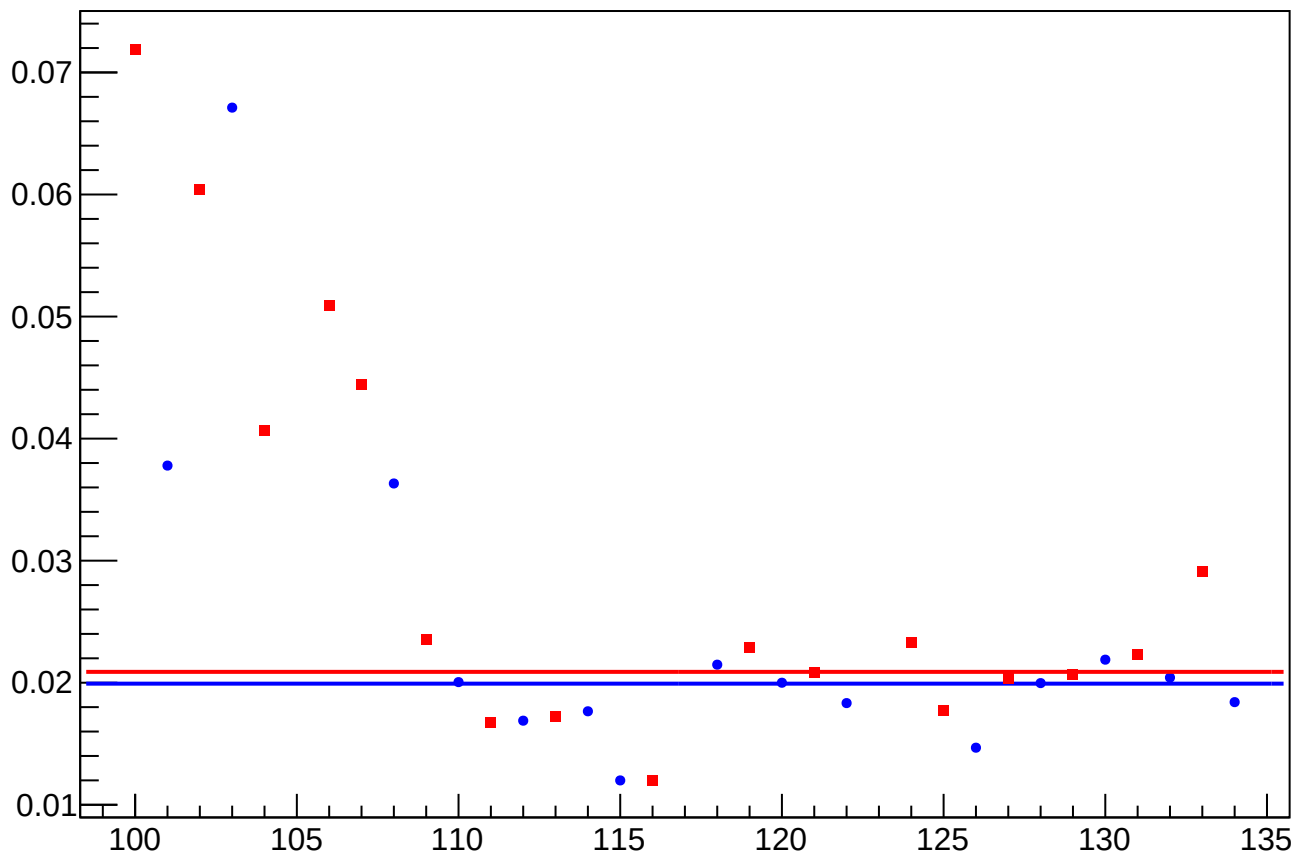
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.104+/-0.000 χ^2/NDF : 223492288.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4eX_rms vs Slug



Right In: 0.020+/-0.000 χ^2/NDF : 1167581.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.000 χ^2/NDF : 1432123.2/16

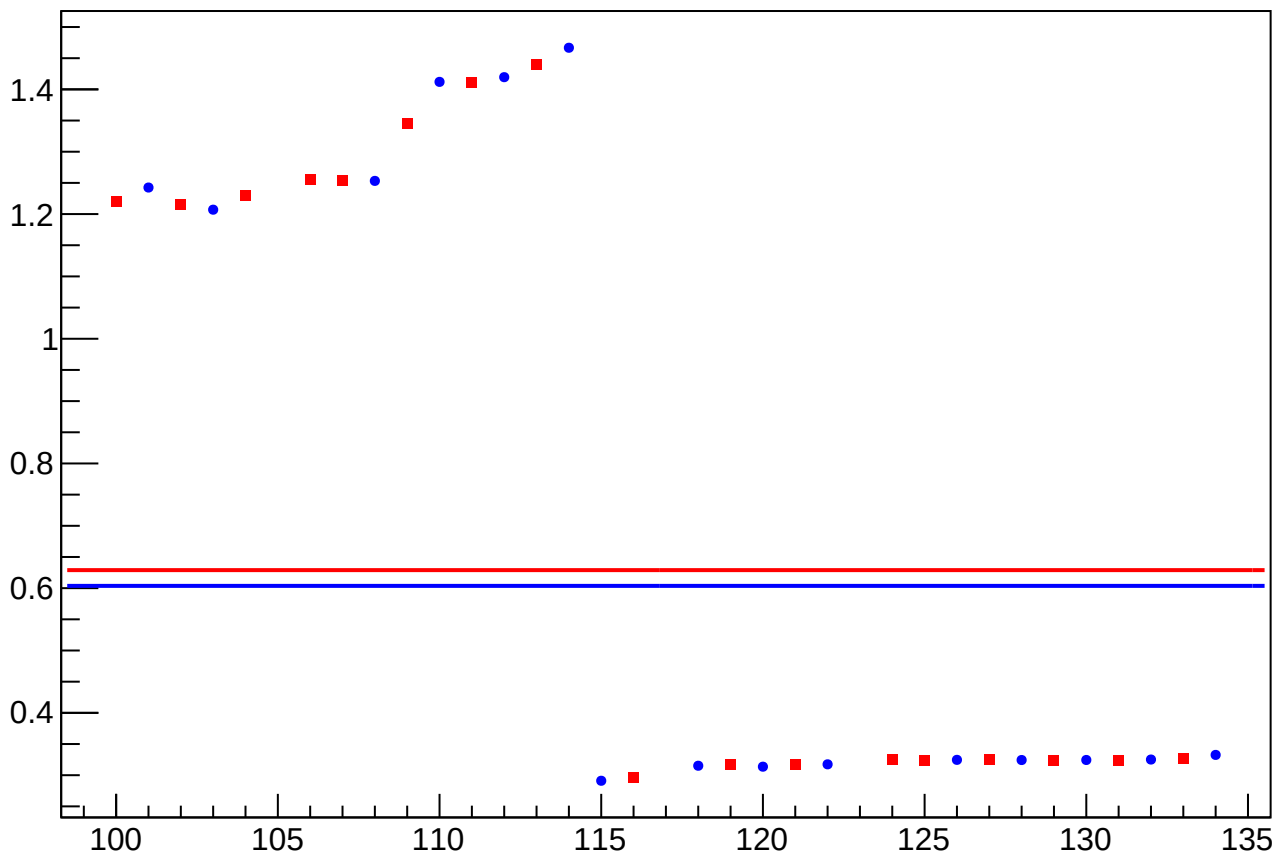
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.000 χ^2/NDF : 2610456.3/31

- sign 0.000+/-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: 0.629+/-0.000 χ^2/NDF : 6002906563.0/16

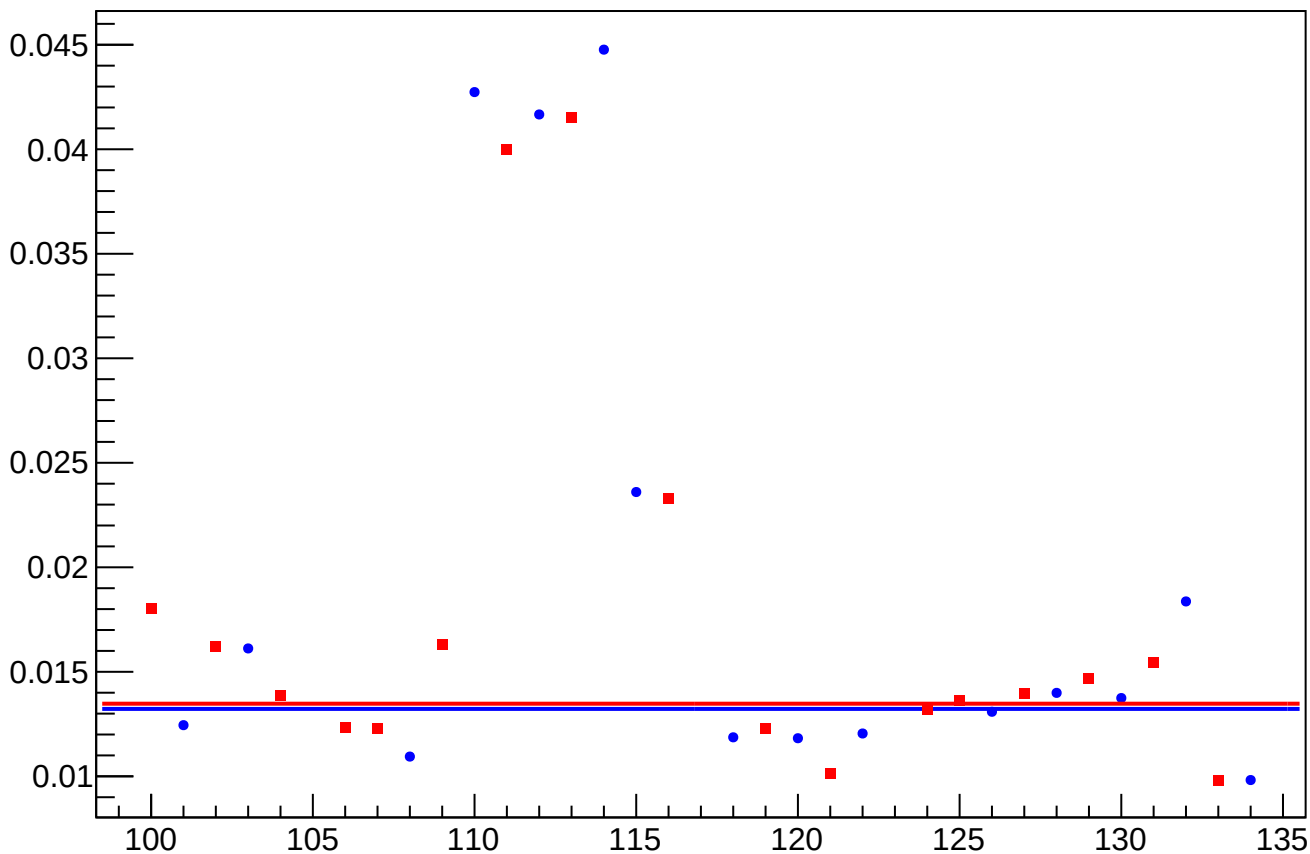
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.616+/-0.000 χ^2/NDF : 11530314421.1/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4eY_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 1150836.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 1171669.4/16

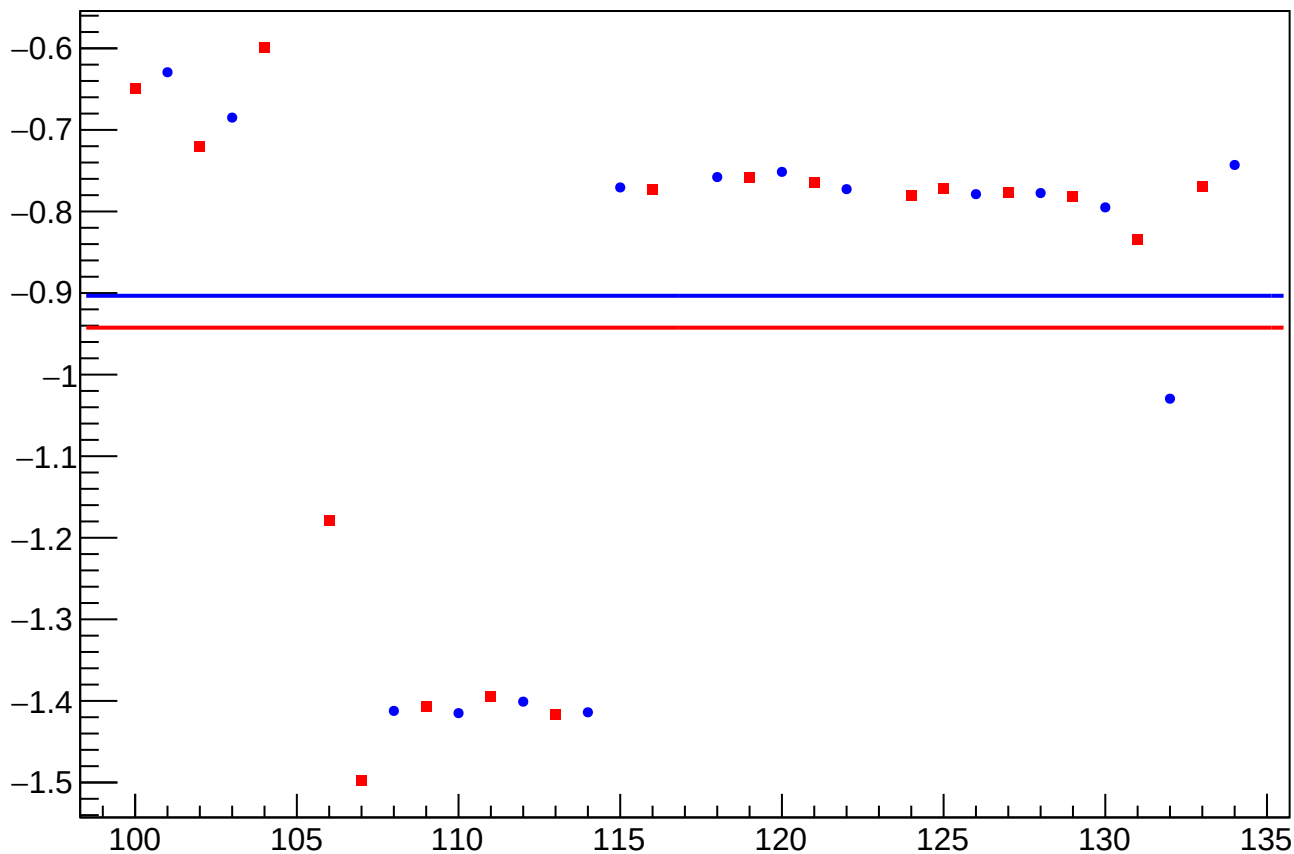
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 2324402.2/31

- sign 0.000+/-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: -0.942+/-0.000 χ^2/NDF : 682684853.6/16

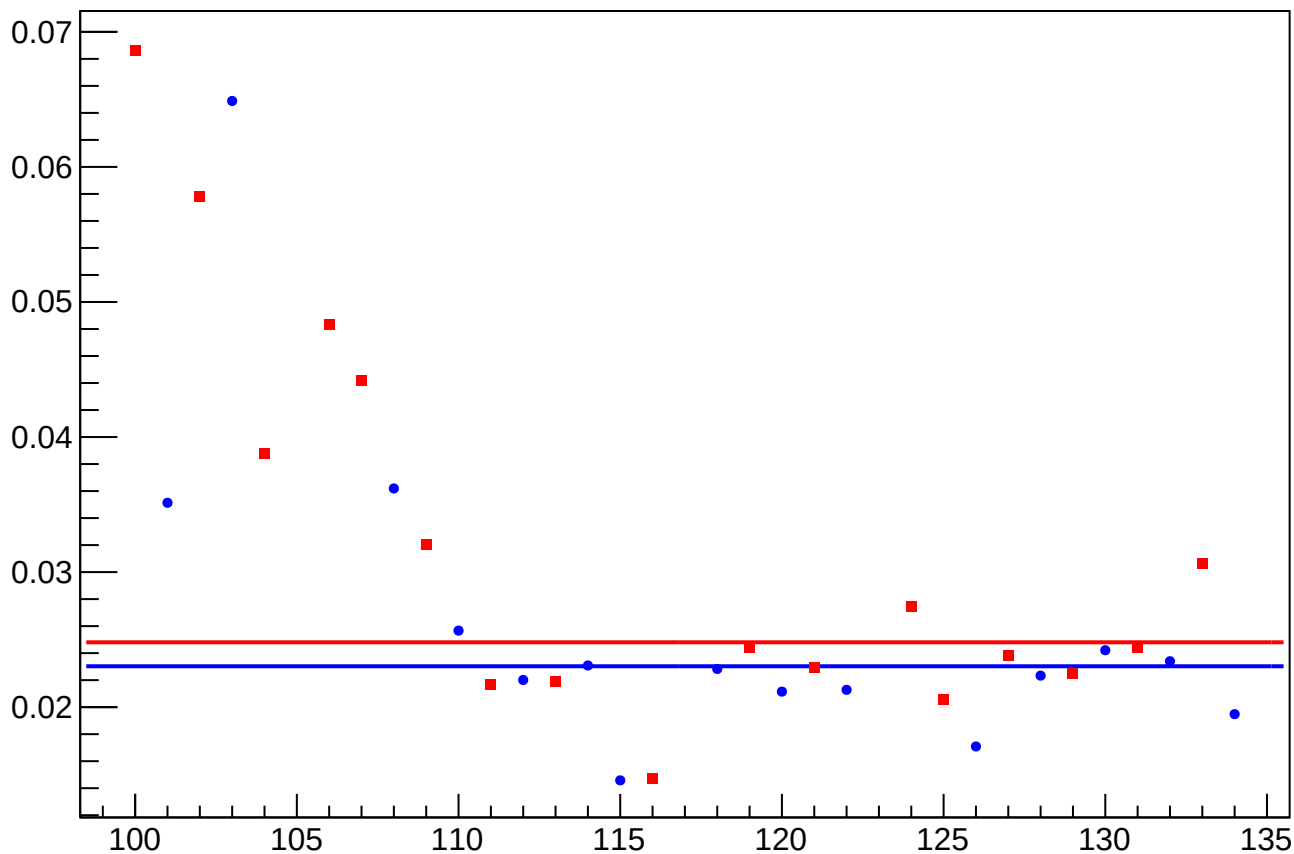
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.922+/-0.000 χ^2/NDF : 1303831097.1/3

- 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: 0.025+/-0.000 χ^2/NDF : 1046226.7/16

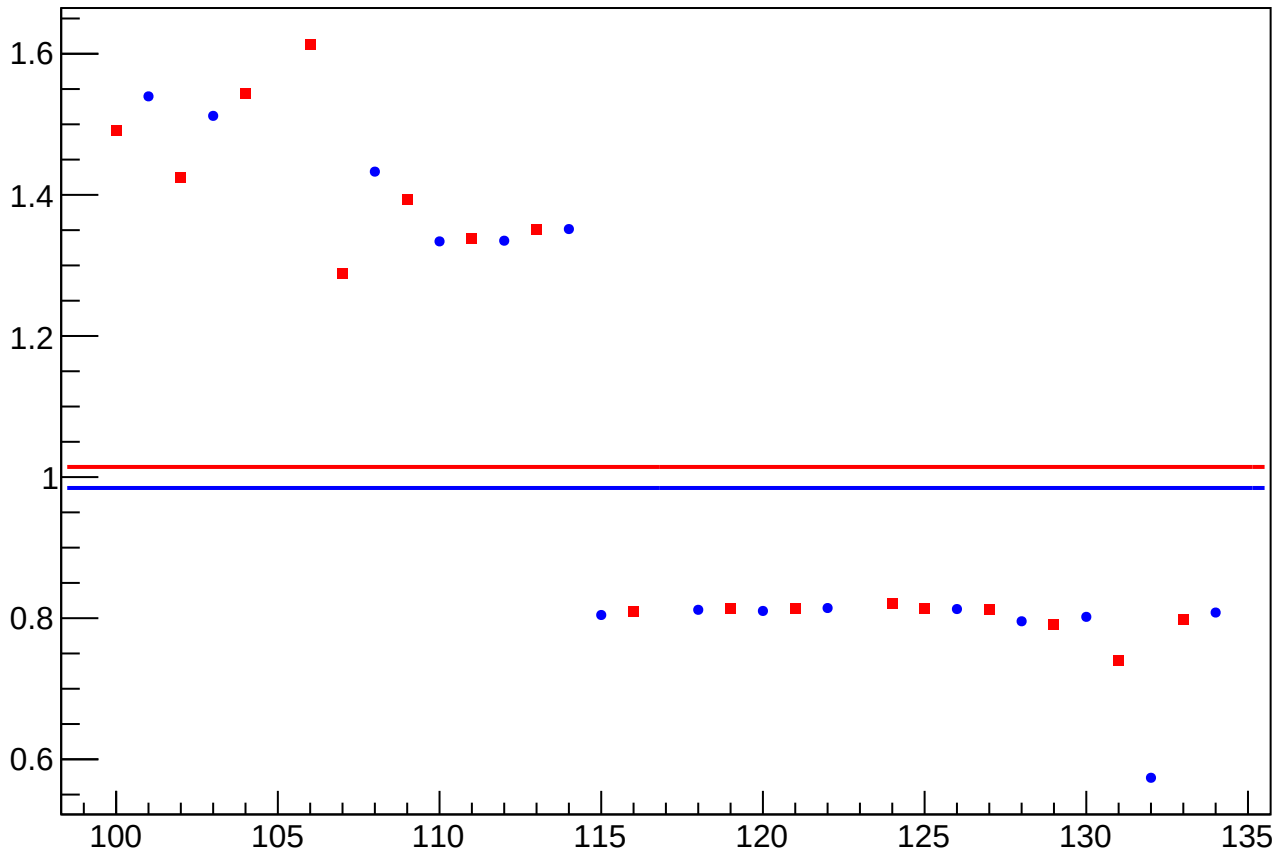
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1944538.7/31

- 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: 1.014+/-0.000 χ^2/NDF : 2111093906.6/16

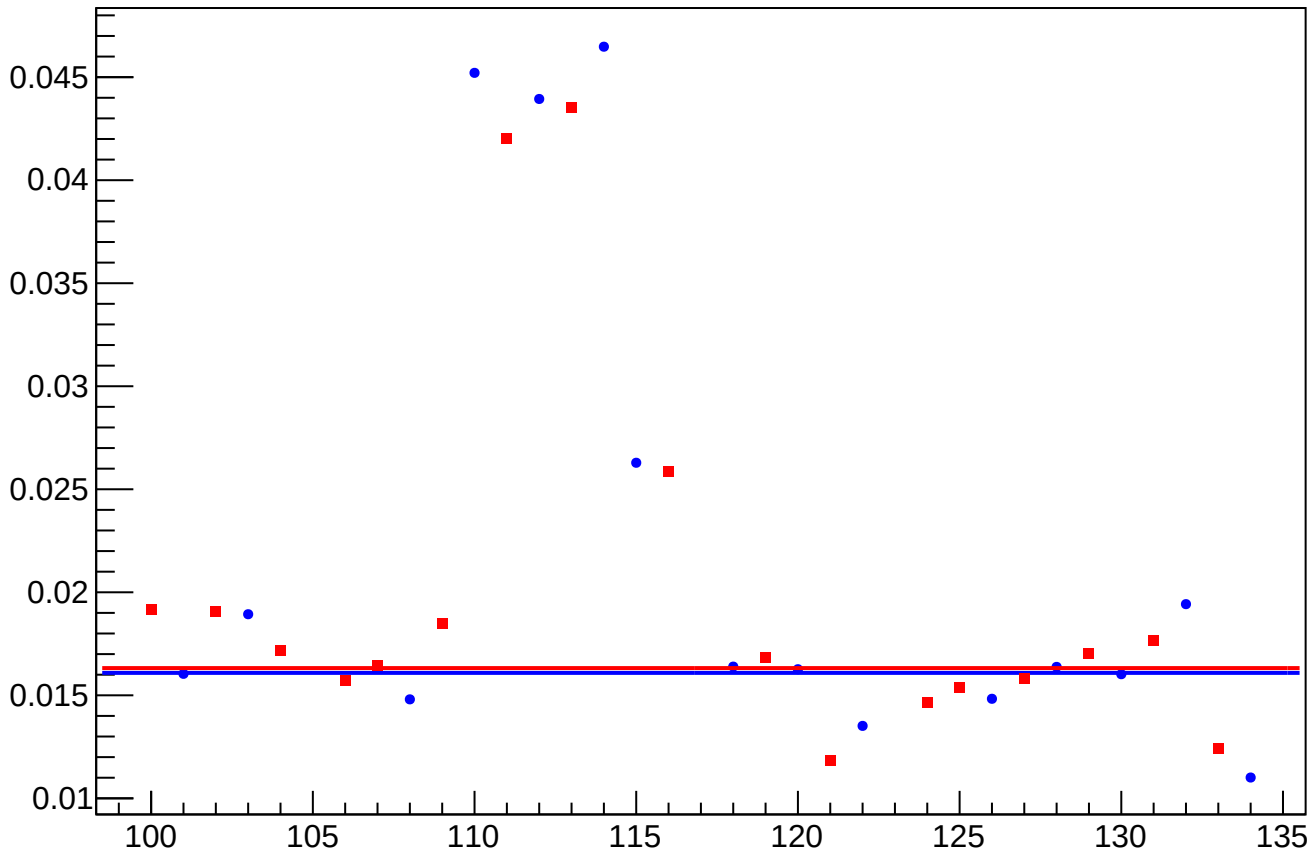
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.000+/-0.000 χ^2/NDF : 4228412655.6/31

- 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: 0.016+/-0.000 χ^2/NDF : 994202.0/16

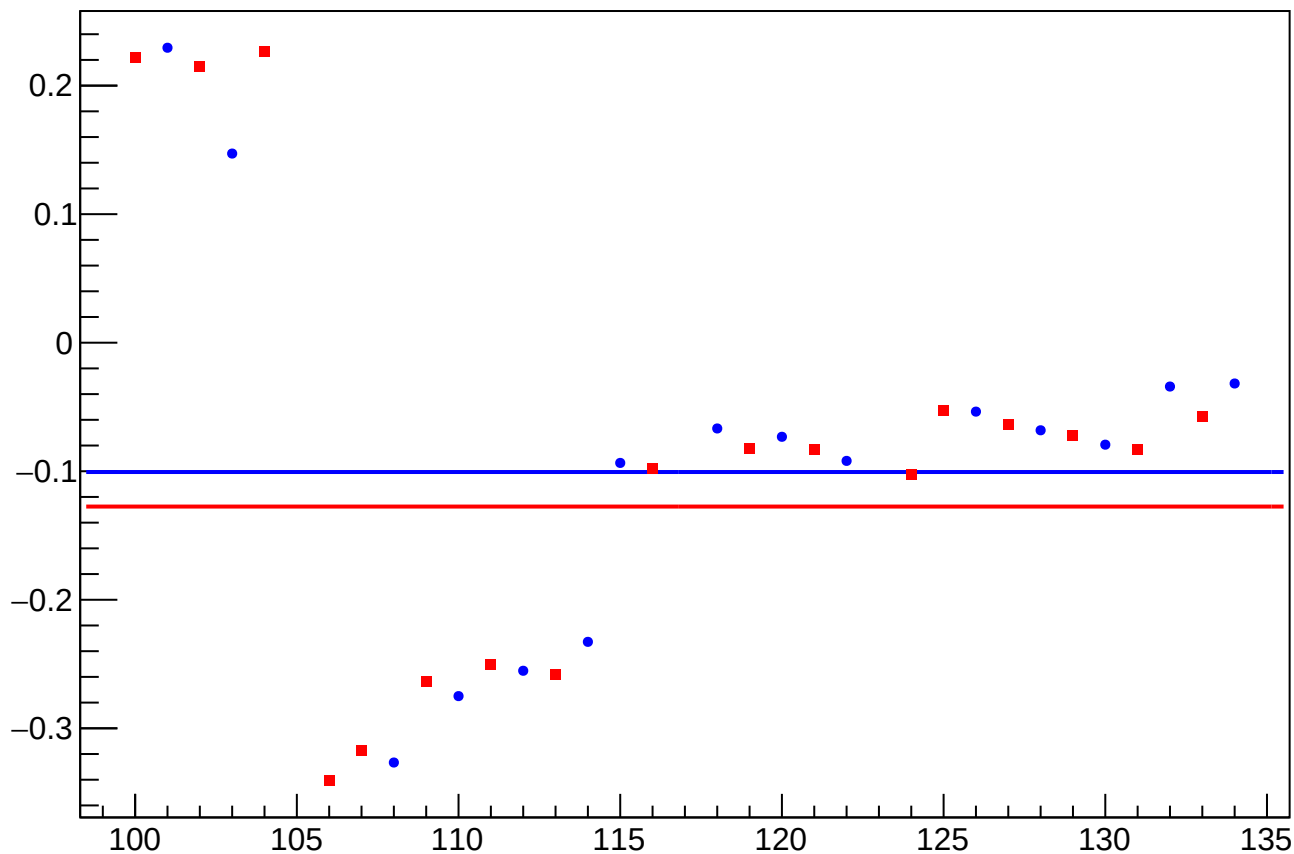
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 2015671.5/31

- 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: -0.127+/-0.000 χ^2/NDF : 134292623.1/16

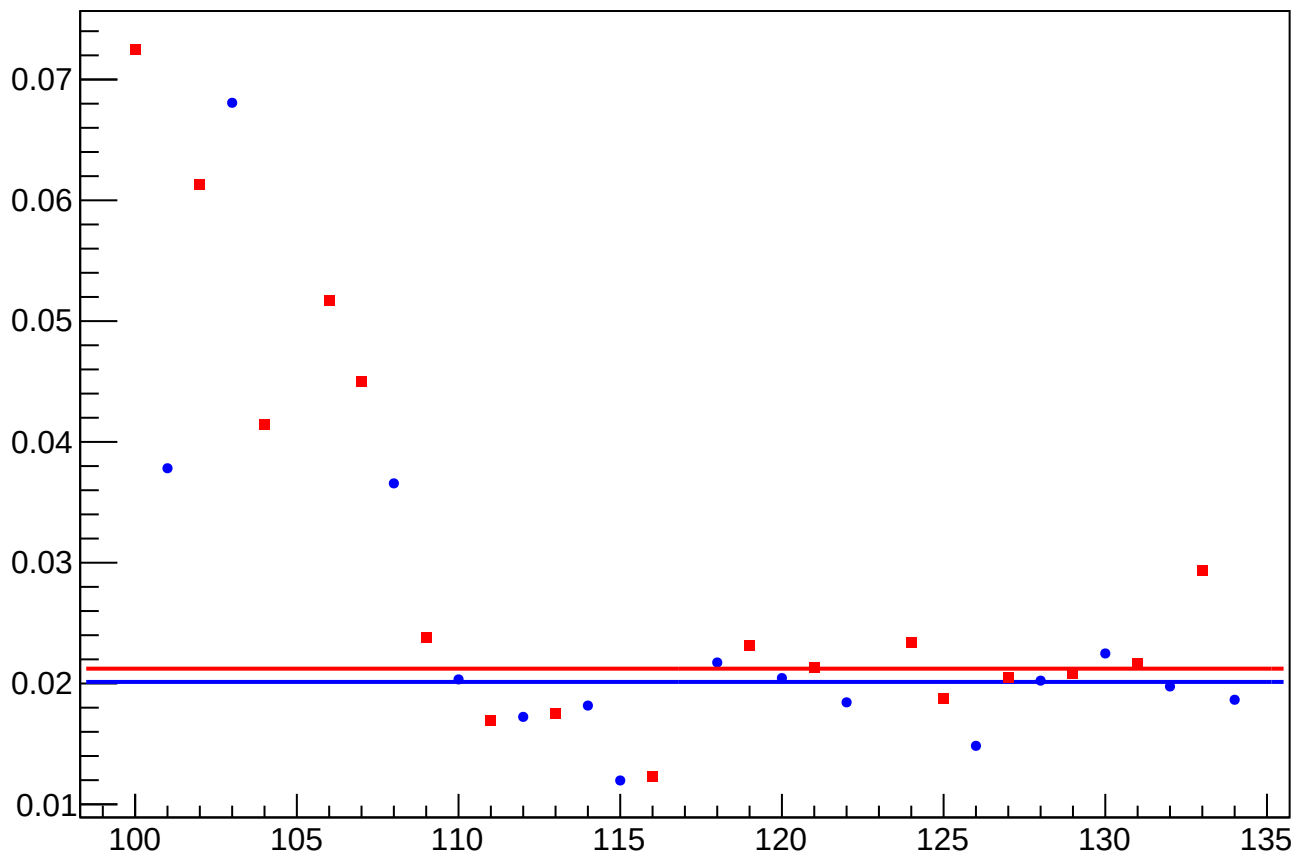
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.114+/-0.000 χ^2/NDF : 277709146.5/31

- 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 : 1411760.9/16

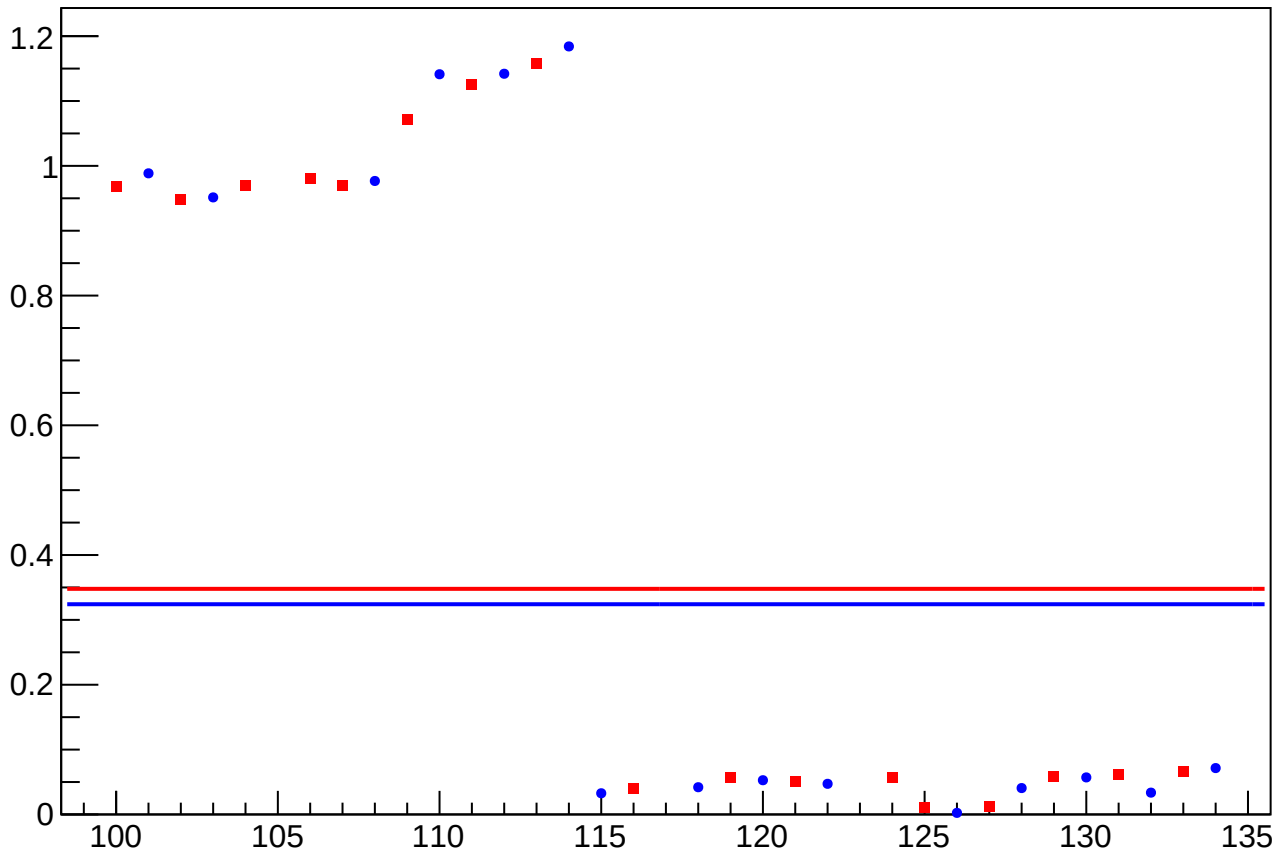
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.000 χ^2/NDF : 2587147.0/31

- 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: 0.348+/-0.000 χ^2/NDF : 6050870661.4/16

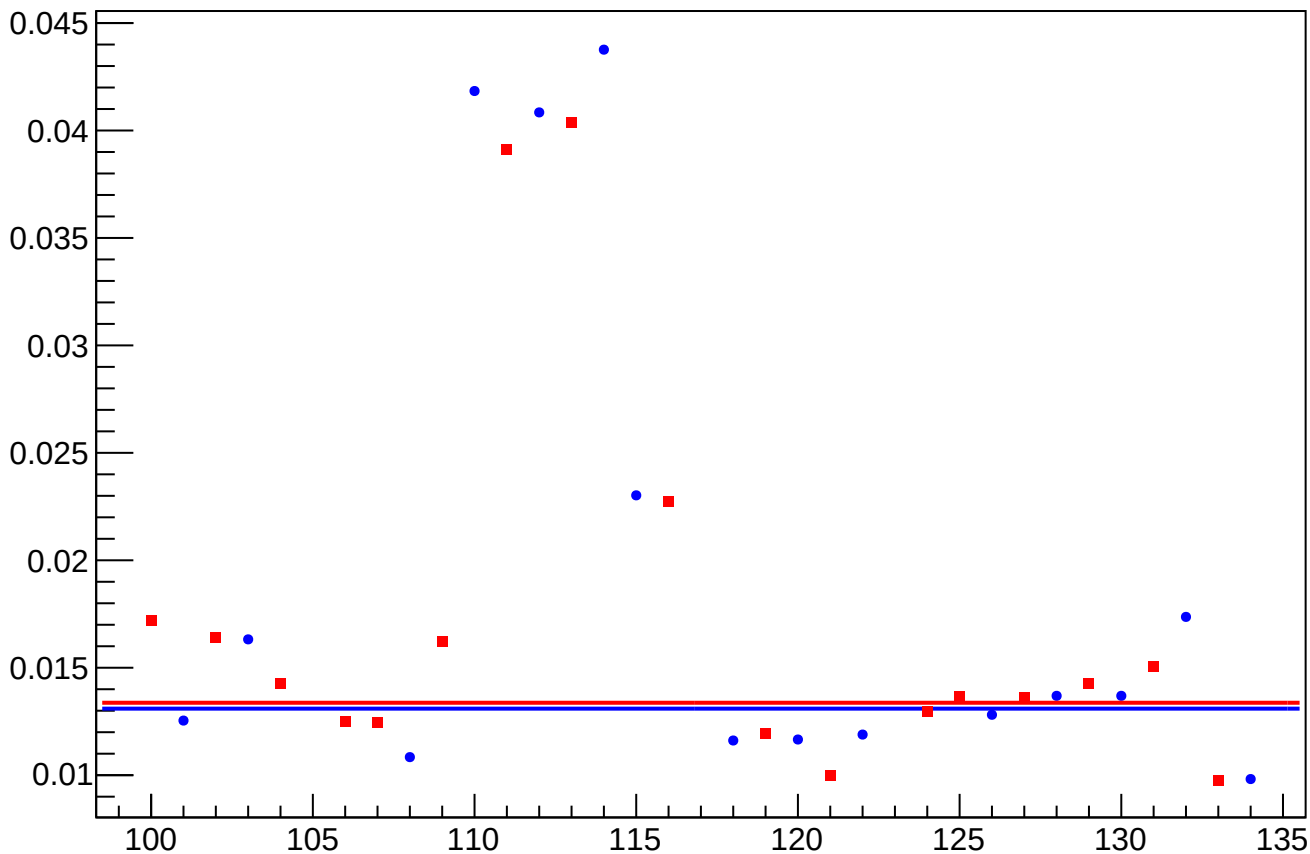
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.336+/-0.000 χ^2/NDF : 11785186189.7/3

- 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 : 1158655.8/16

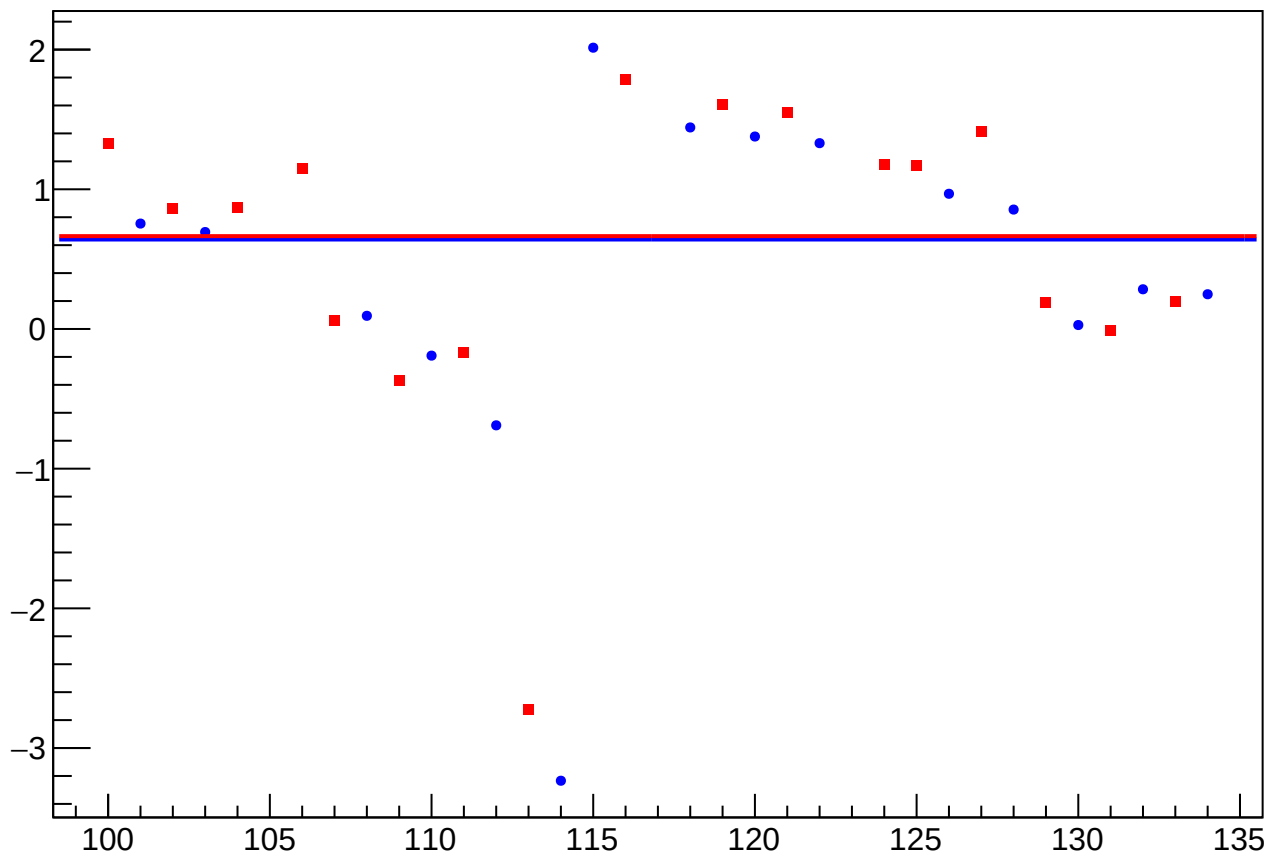
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 2292142.8/31

- 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: 0.665+/-0.000 χ^2/NDF : 1119812784.9/16

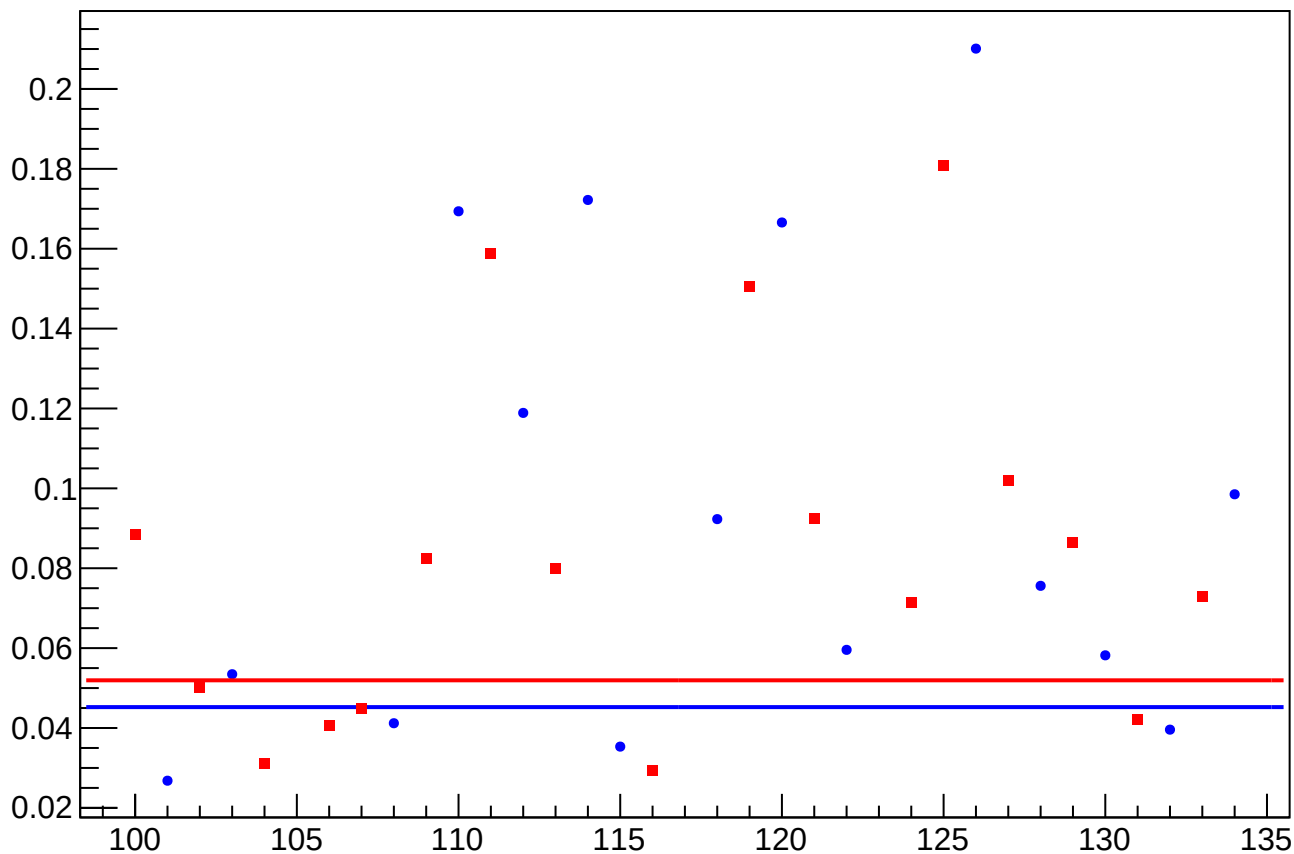
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.652+/-0.000 χ^2/NDF : 1544398795.4/31

- 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 : 2353786.5/16

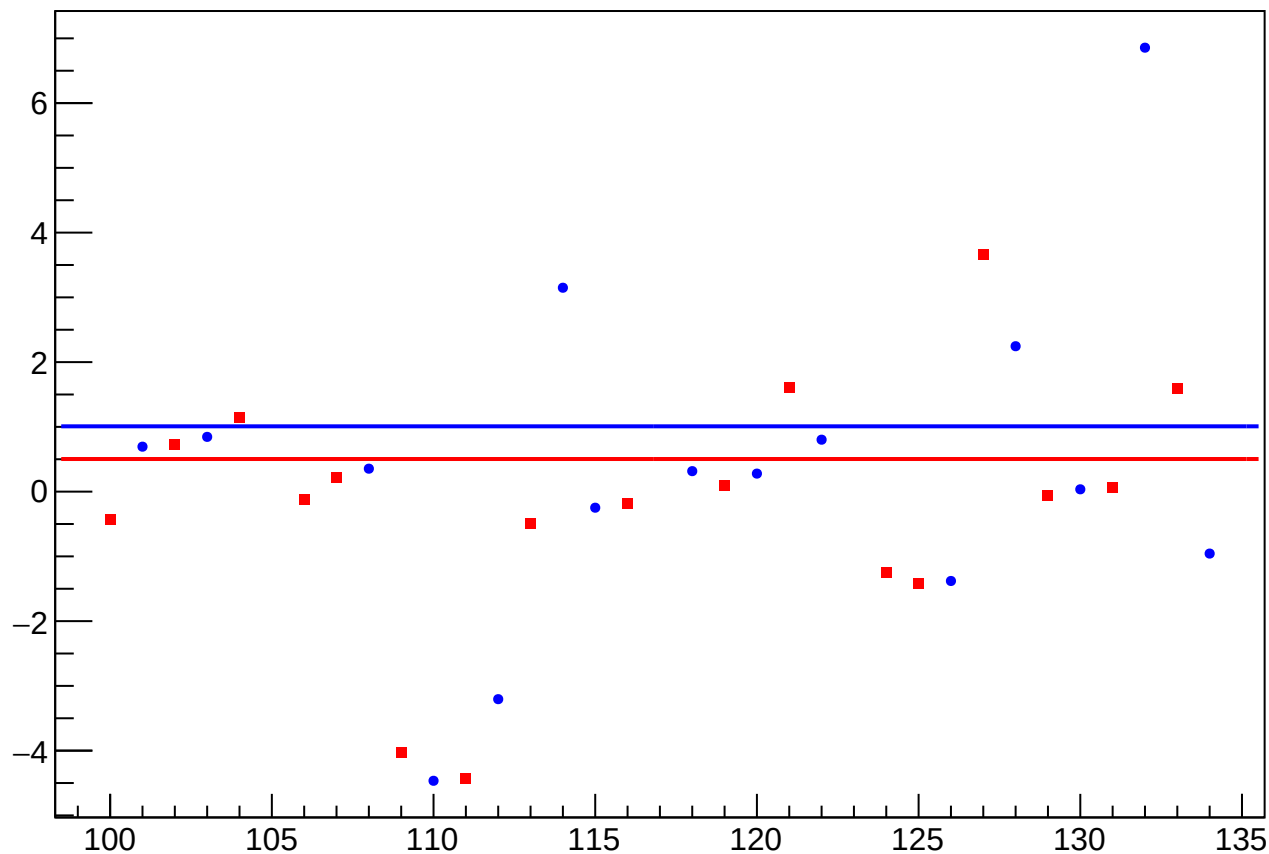
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.048+/-0.000 χ^2/NDF : 5173385.9/31

- 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: 0.504+/-0.000 χ^2/NDF : 4584991014.1/16

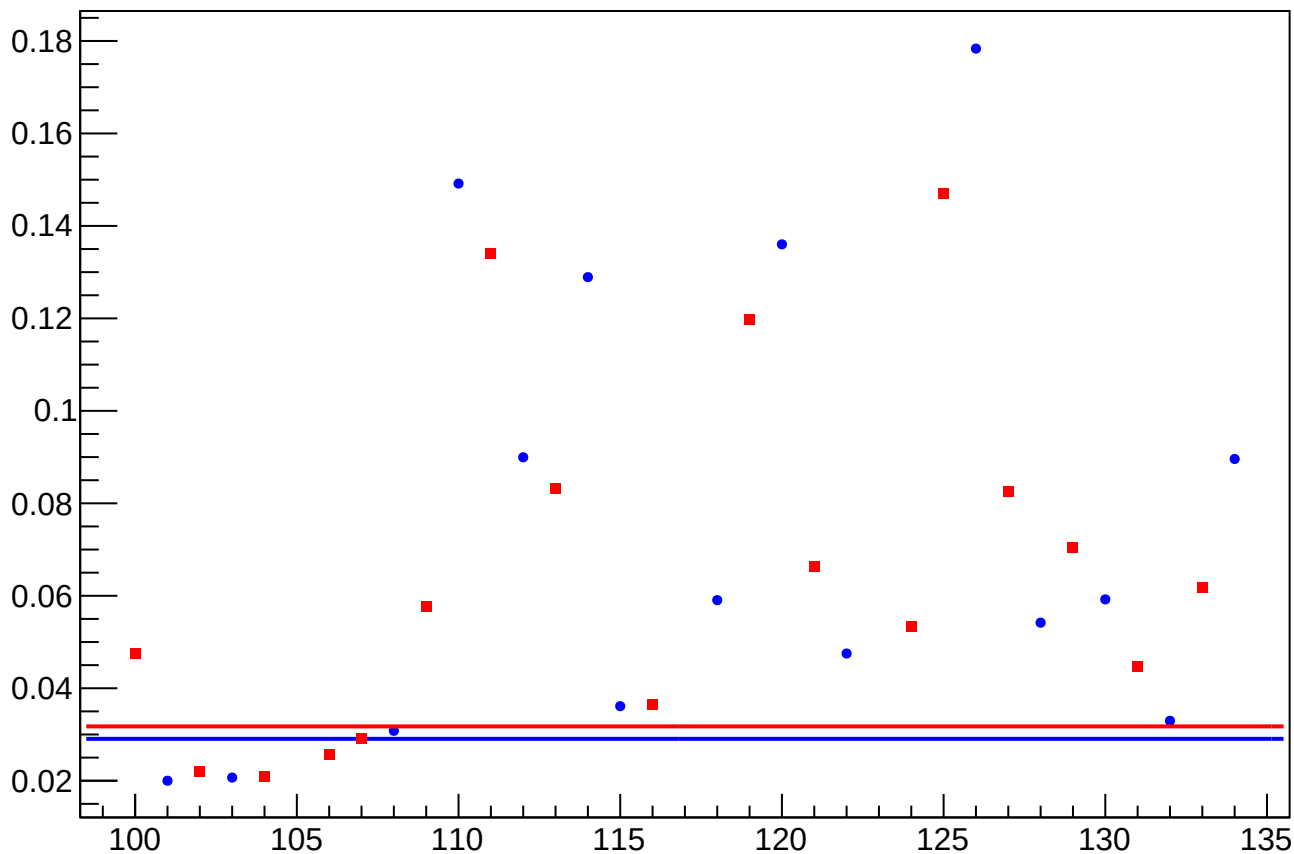
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.763+/-0.000 χ^2/NDF : 15521447285.6/3

- 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 : 3233243.6/16

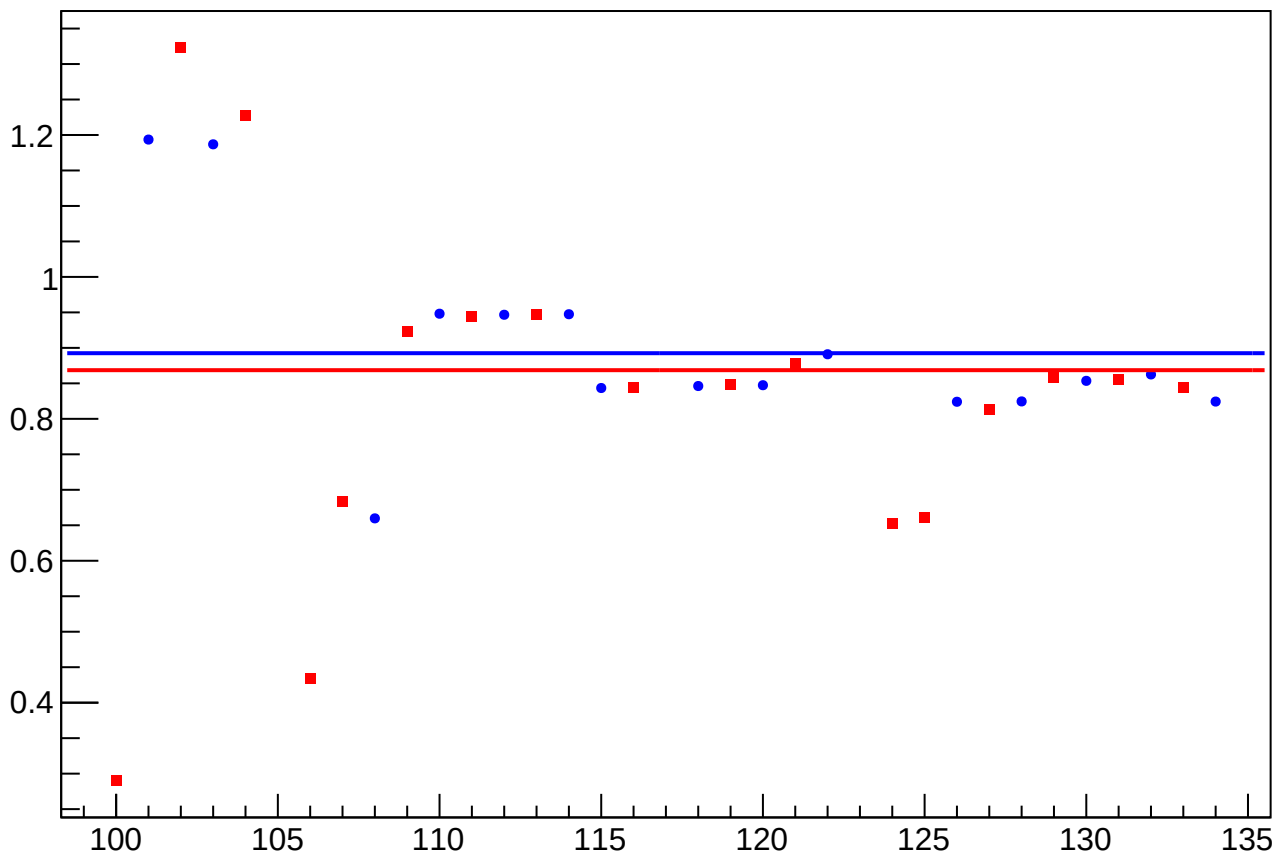
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.030+/-0.000 χ^2/NDF : 6440868.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm11X_mean vs Slug



Right In: 0.893+/-0.000 χ^2/NDF : 352837150.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.869+/-0.000 χ^2/NDF : 603998687.2/16

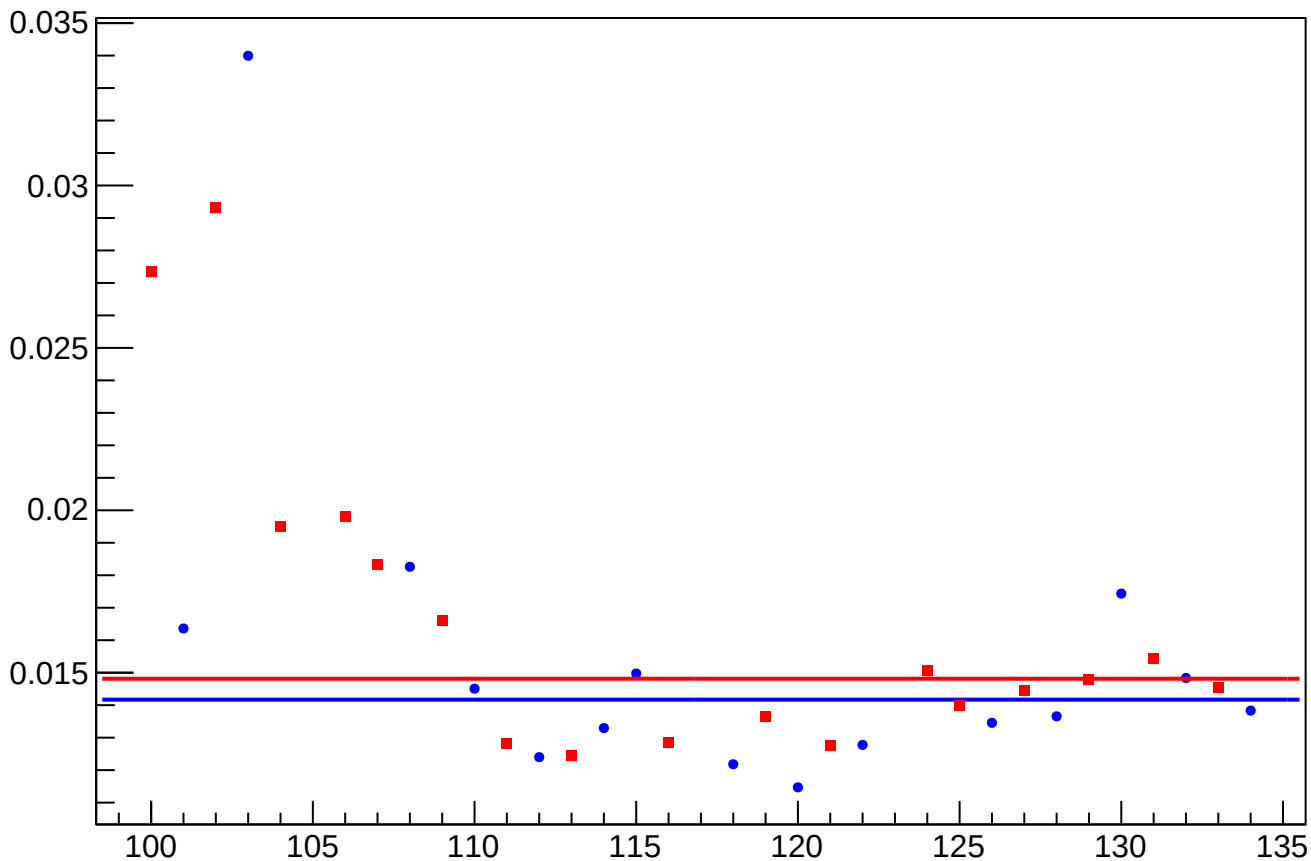
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.881+/-0.000 χ^2/NDF : 964478212.5/31

- sign 0.000+/-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 : 503957.8/16

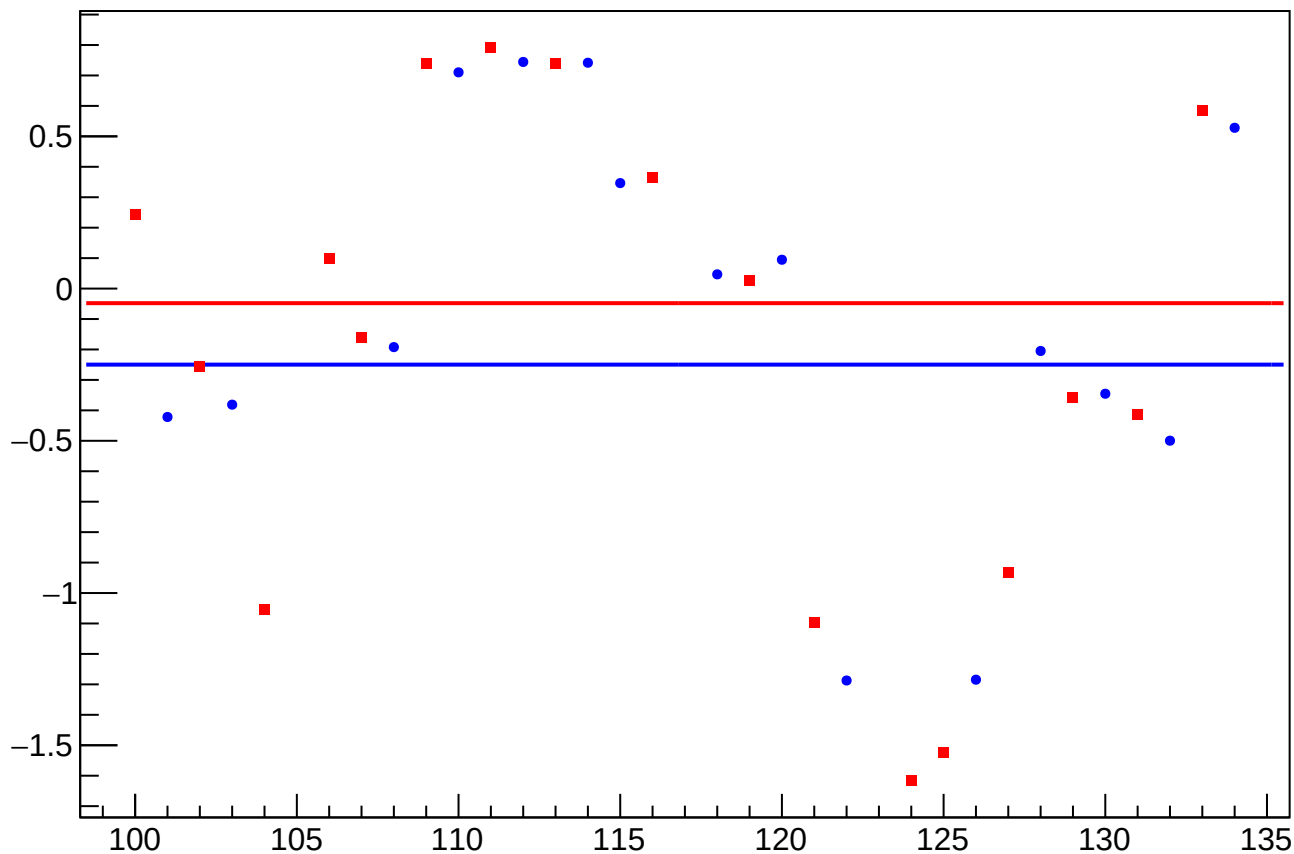
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 1083048.0/31

- 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

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.048+/-0.000 χ^2/NDF : 15129031994.8/16

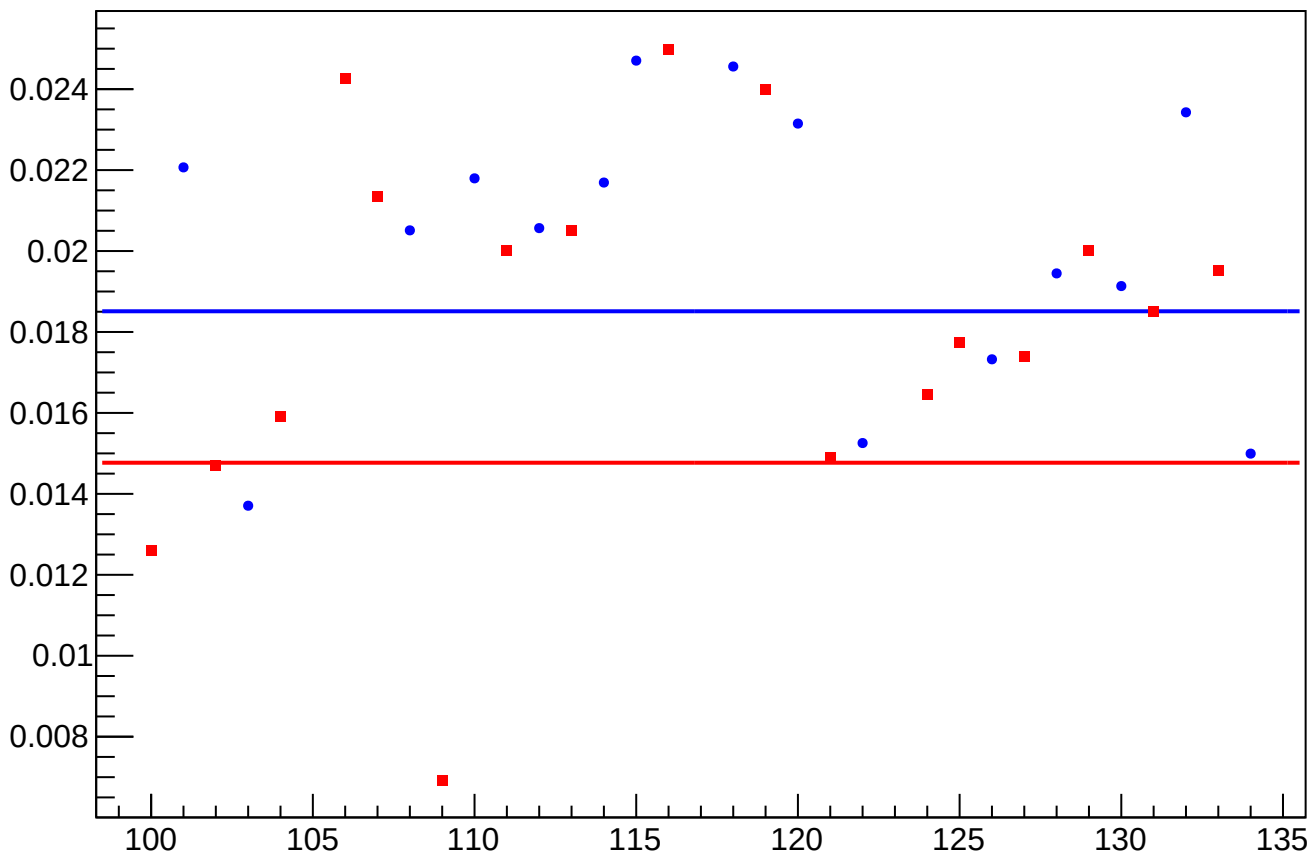
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.129+/-0.000 χ^2/NDF : 21980911588.6/16

- sign 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: 0.015+/-0.000 χ^2/NDF : 1548470.1/16

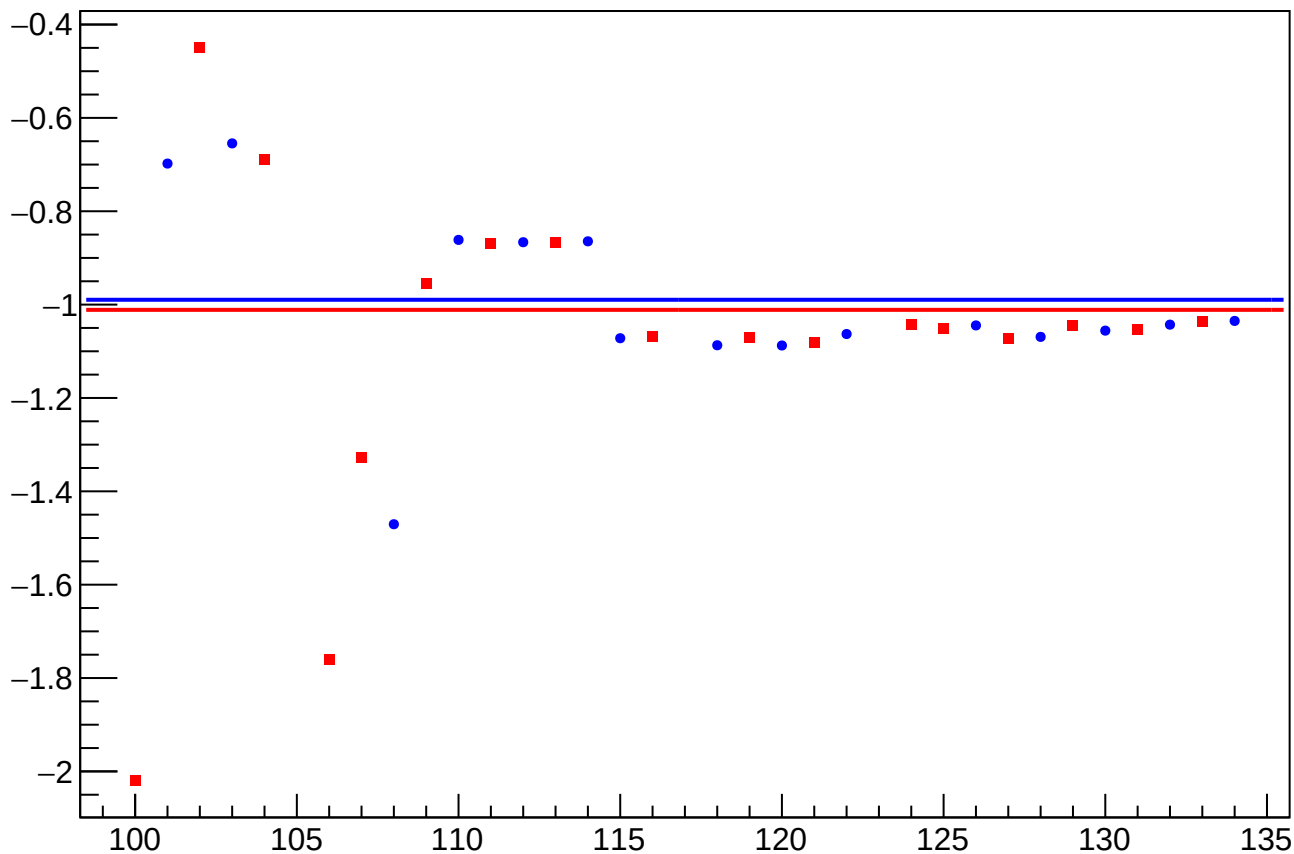
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 2242933.3/31

- 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: -1.011+/-0.000 χ^2/NDF : 239615382.0/16

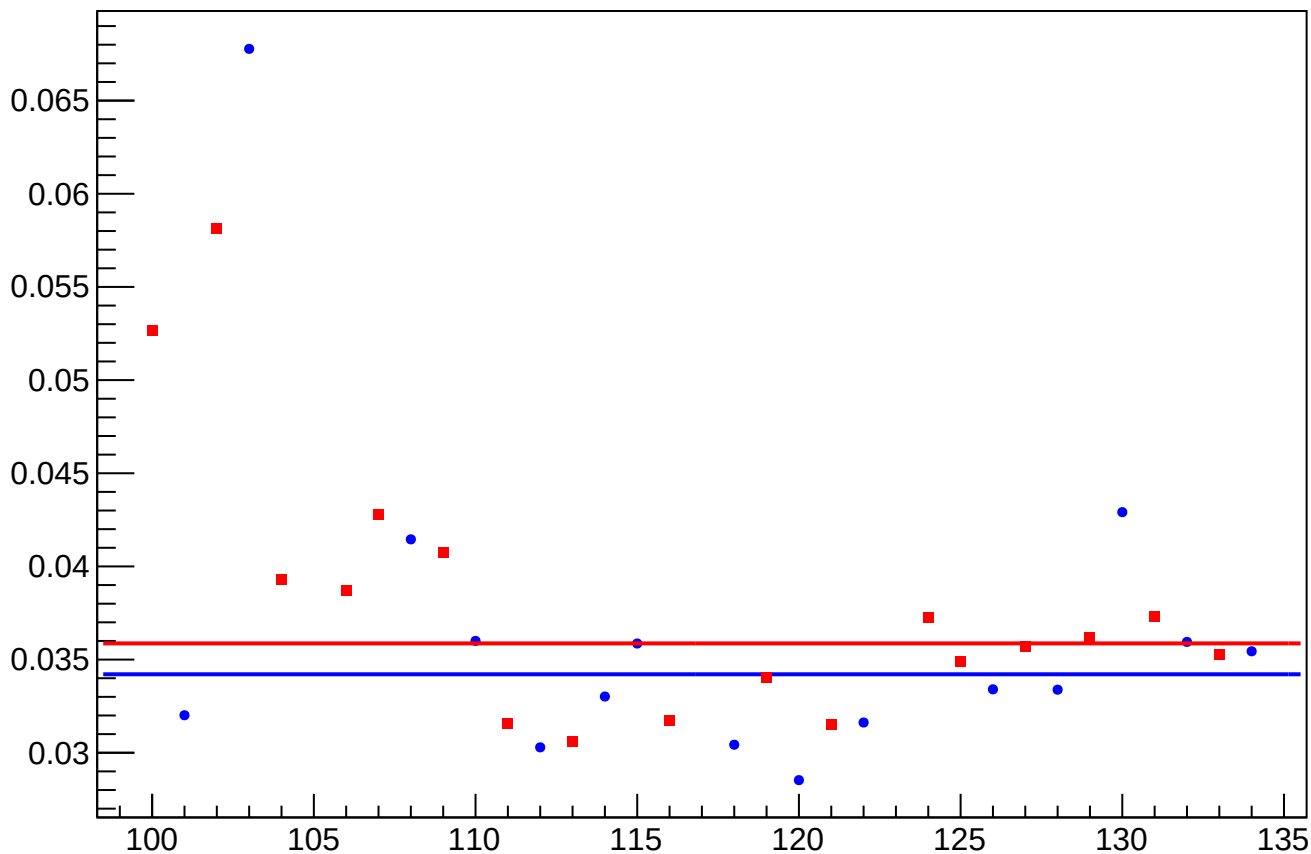
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.000+/-0.000 χ^2/NDF : 377301553.0/31

- 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 : 275497.6/16

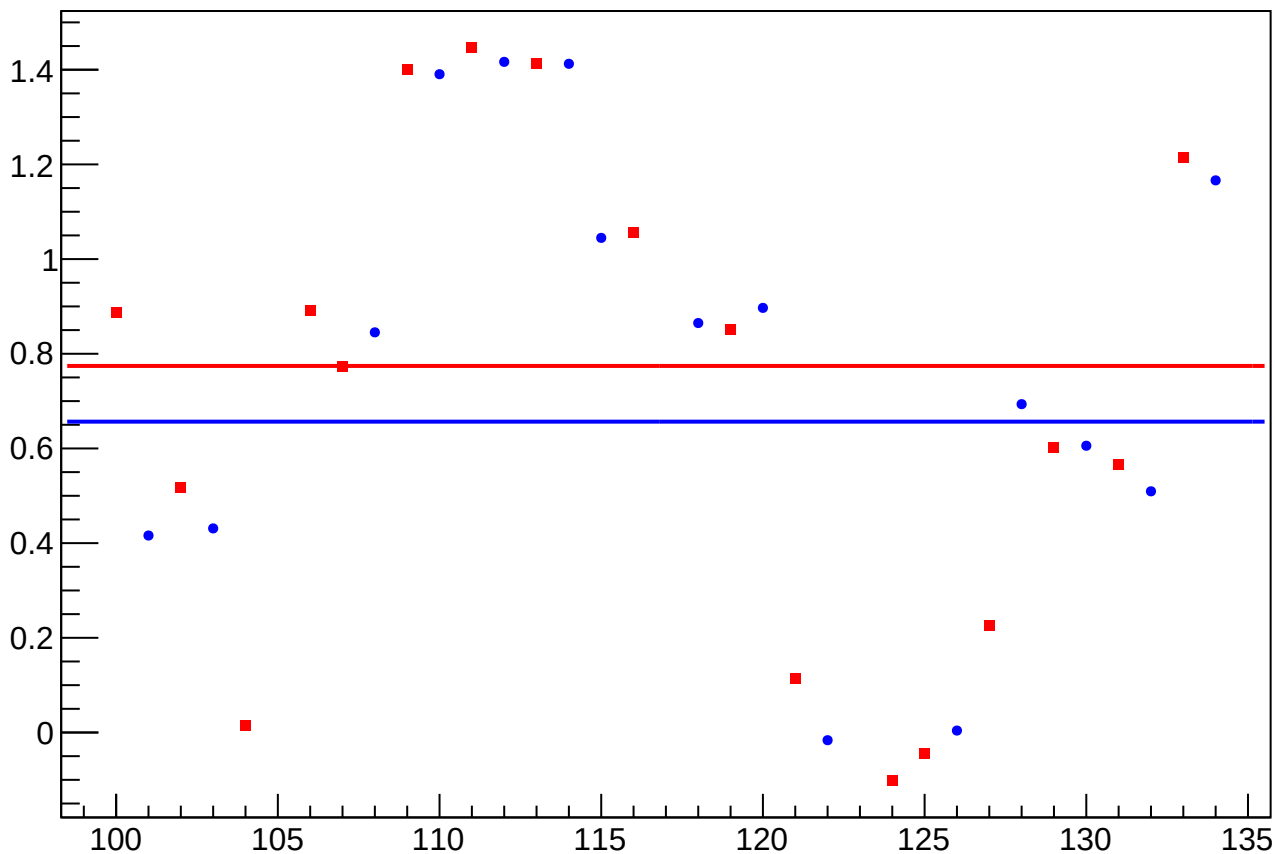
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.000 χ^2/NDF : 691515.3/31

- 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: 0.774+/-0.000 χ^2/NDF : 14442424036.7/16

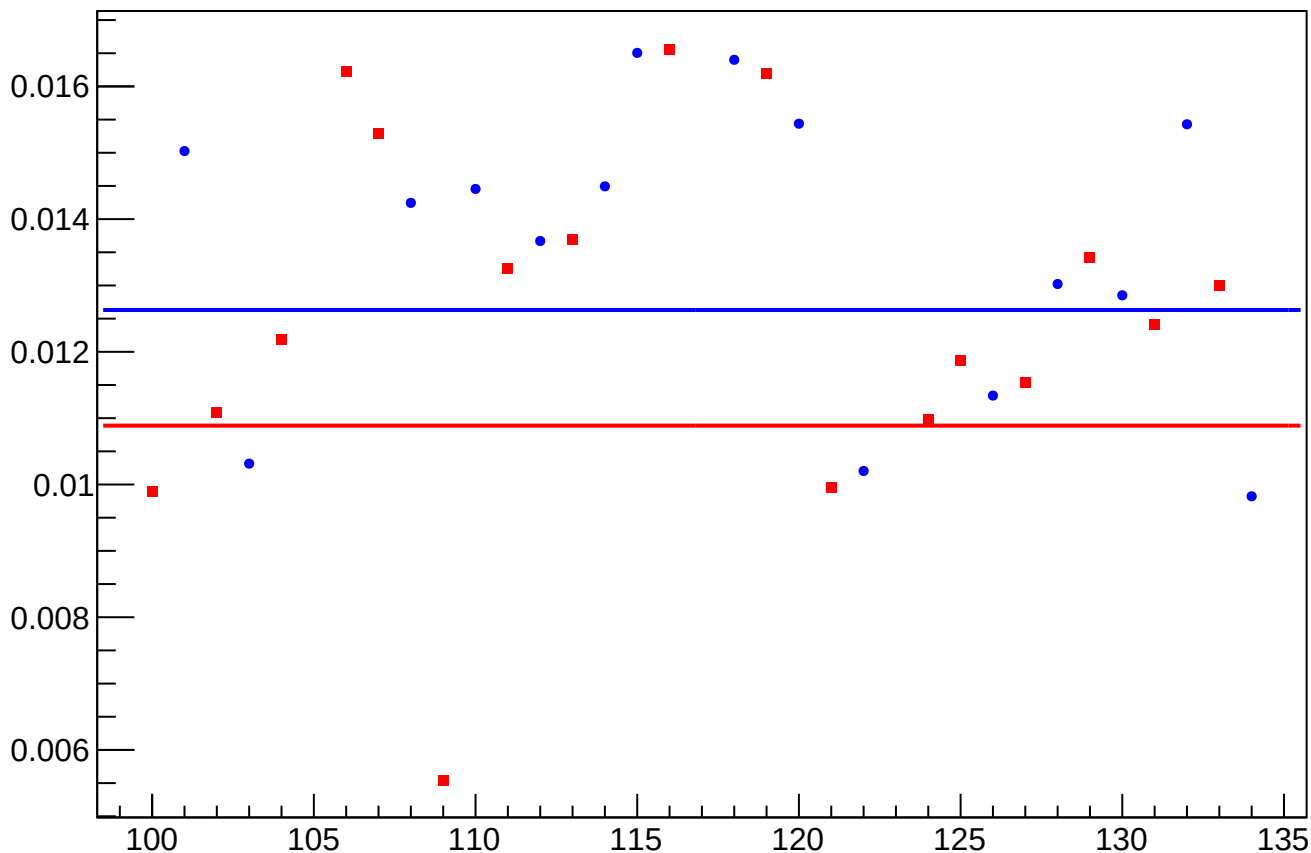
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.724+/-0.000 χ^2/NDF : 22028592218.7/3

- 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: 0.011+/-0.000 χ^2/NDF : 1037779.9/16

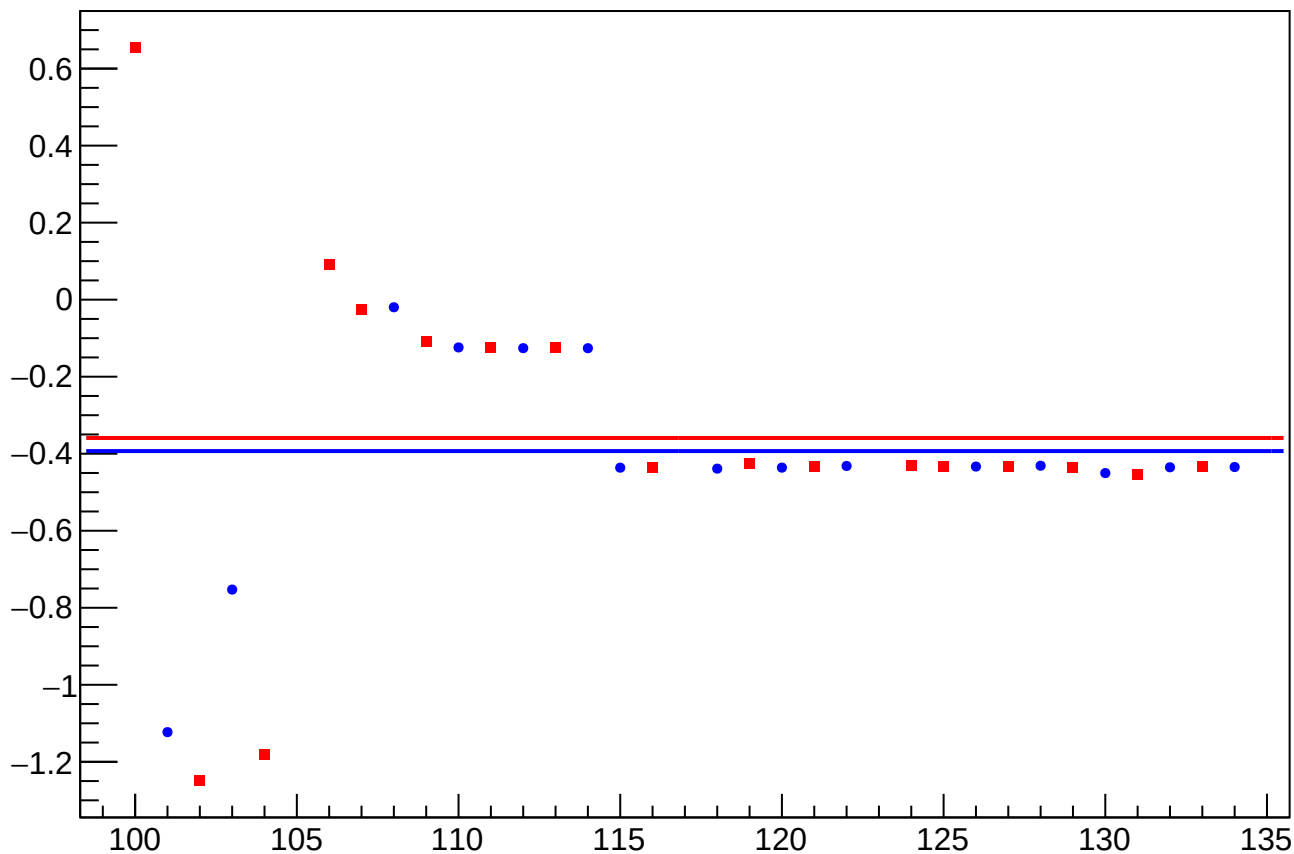
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 1500616.2/31

- 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: -0.359+/-0.000 χ^2/NDF : 773039376.3/16

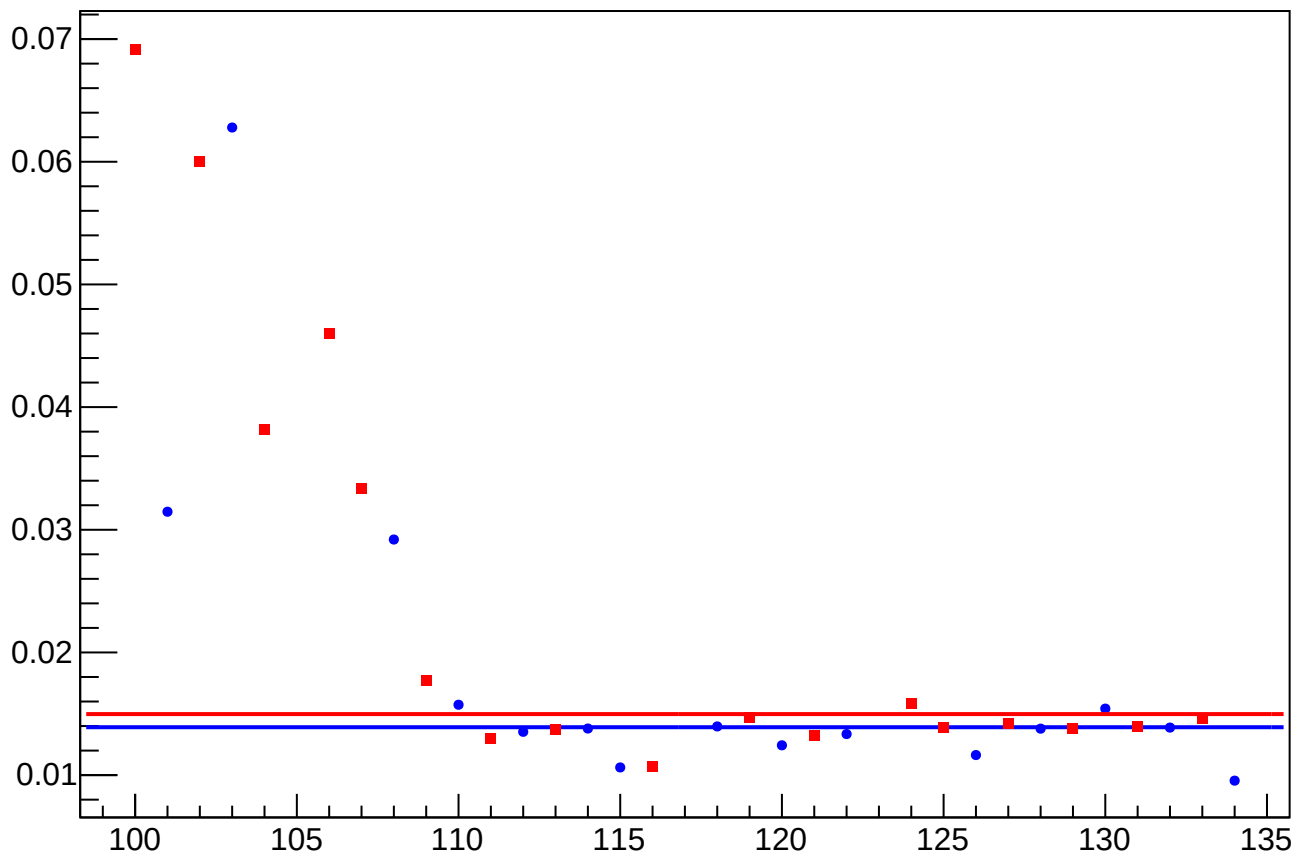
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.377+/-0.000 χ^2/NDF : 1473401071.8/3

- 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: 0.015 $\pm$ 0.000 χ^2 /NDF: 1481274.4/16

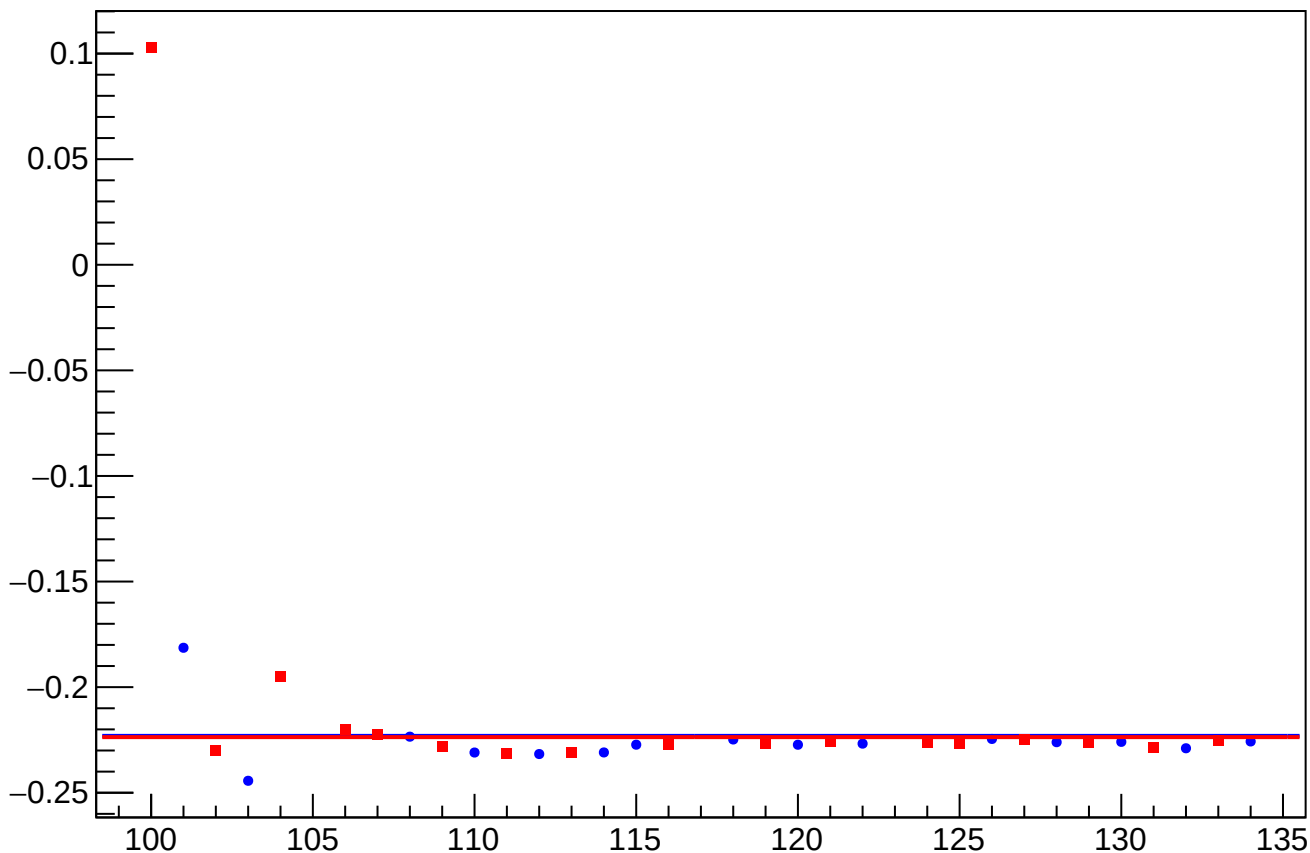
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.000 χ^2 /NDF: 2865855.1/31

- 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: -0.224 ± 0.000 χ^2/NDF : 157928238.7/16

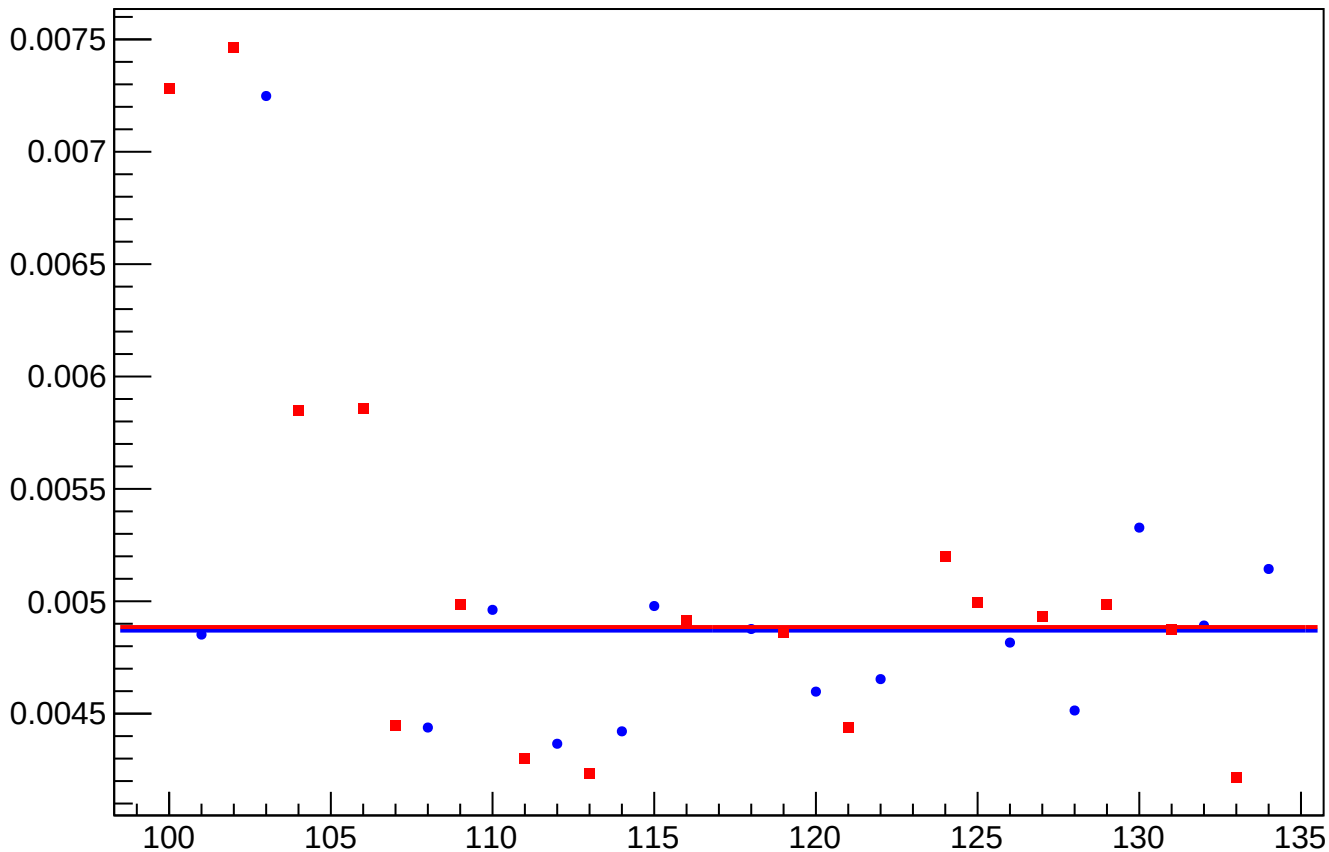
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.223 ± 0.000 χ^2/NDF : 210146467.5/31

- 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 : 269685.0/16

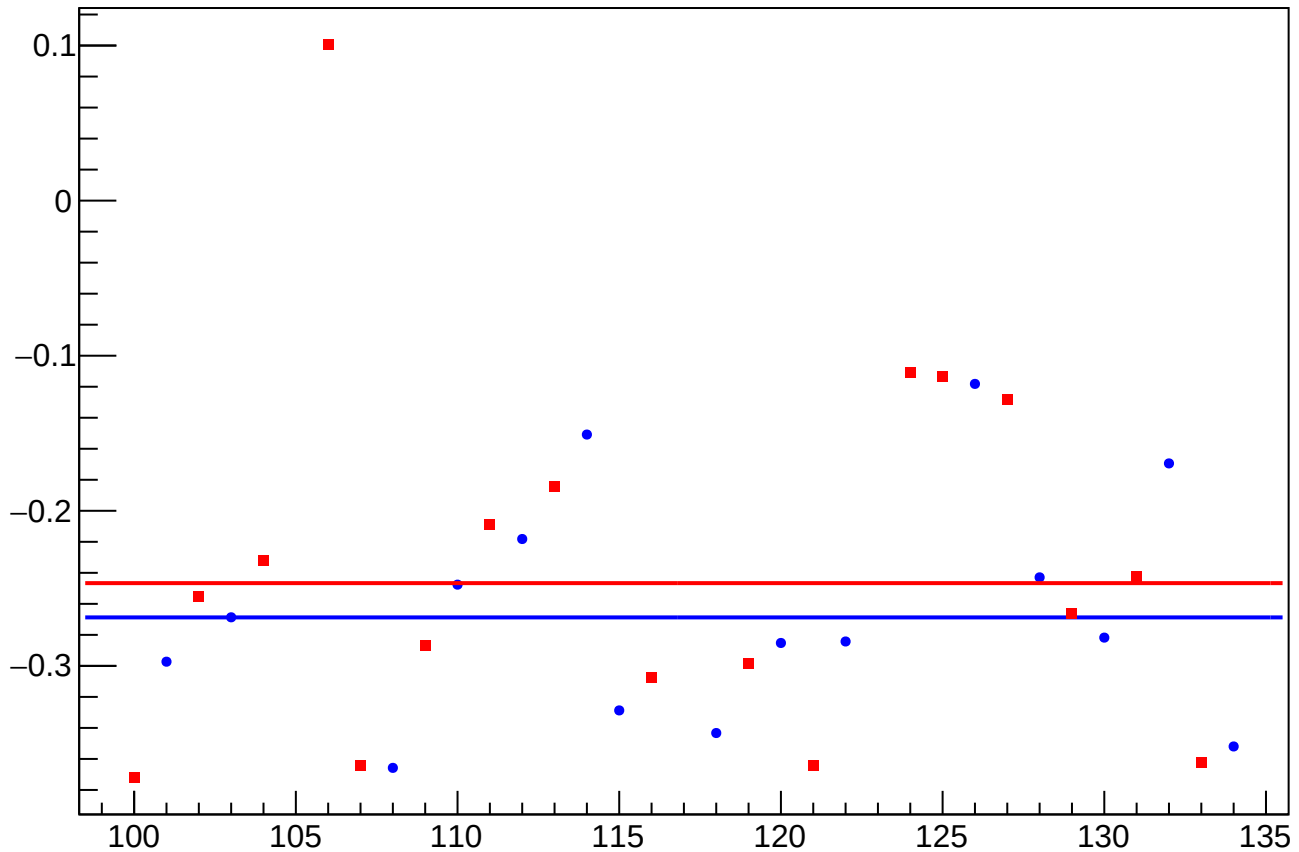
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 430441.0/31

- 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: -0.247+/-0.000 χ^2/NDF : 1221174642.7/16

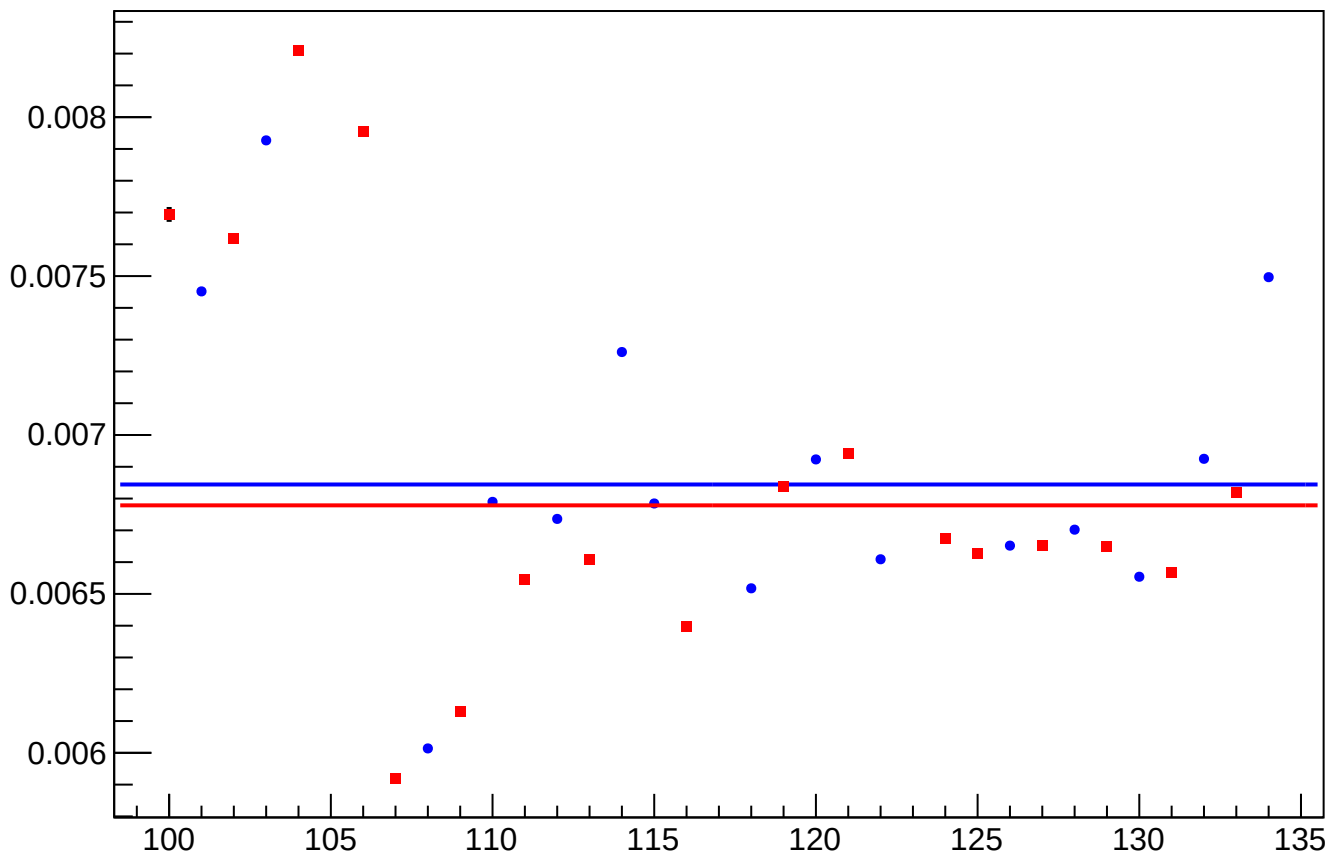
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.257+/-0.000 χ^2/NDF : 1855849421.4/3

- 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 : 84916.8/16

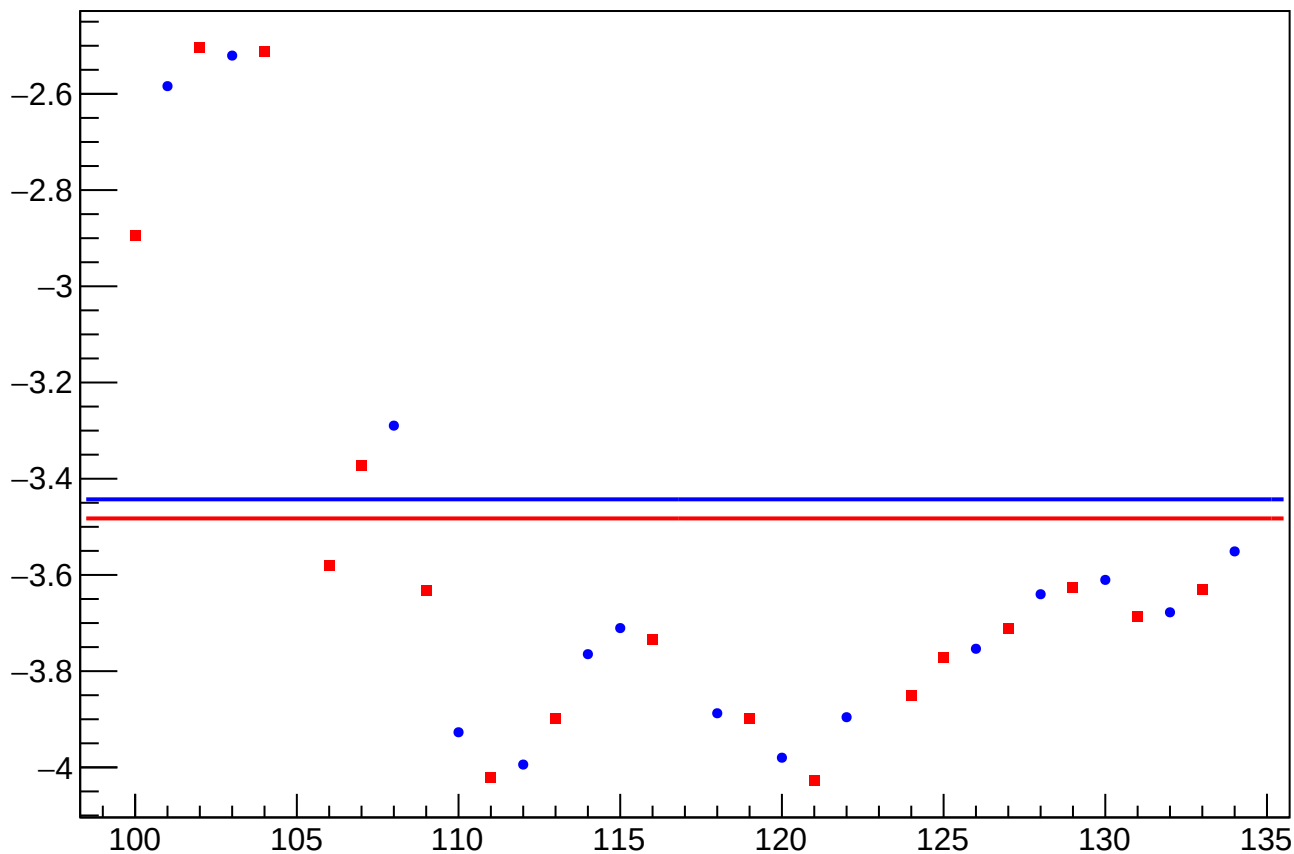
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 144933.8/31

- 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: -3.483+/-0.000 χ^2/NDF : 28687248001.1/16

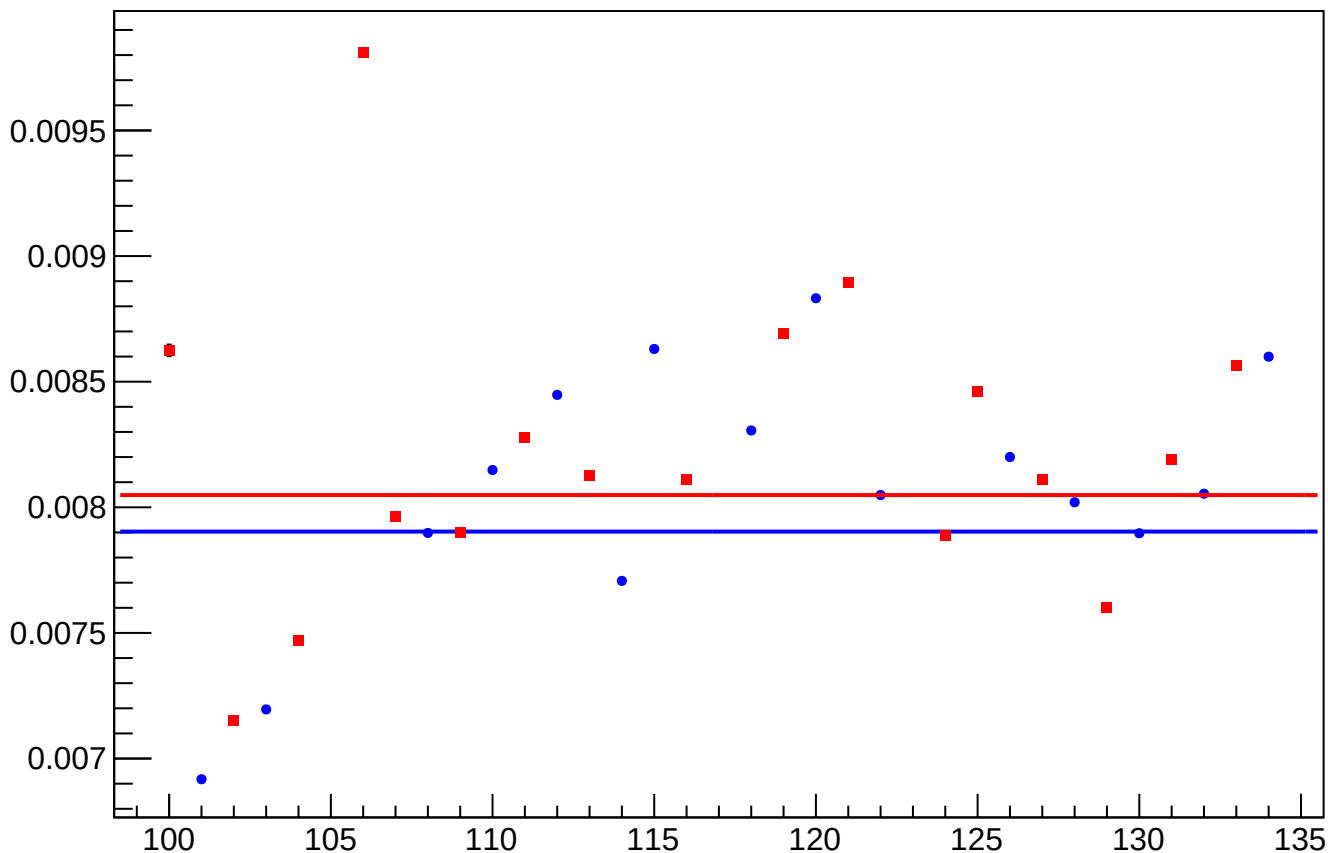
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.463+/-0.000 χ^2/NDF : 57488453349.1

- 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 : 60055.9/16

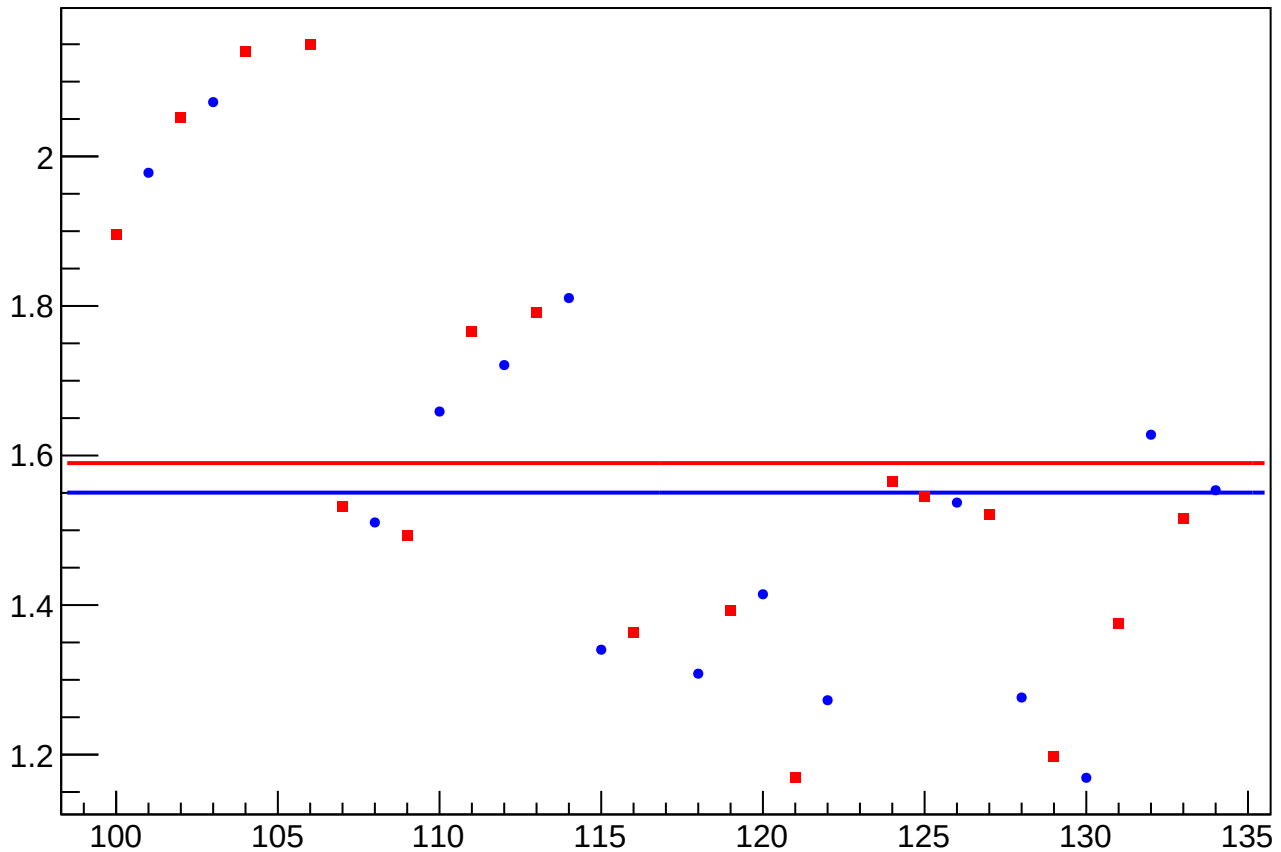
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 122795.1/31

- 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: 1.590+/-0.000 χ^2/NDF : 3587576550.2/16

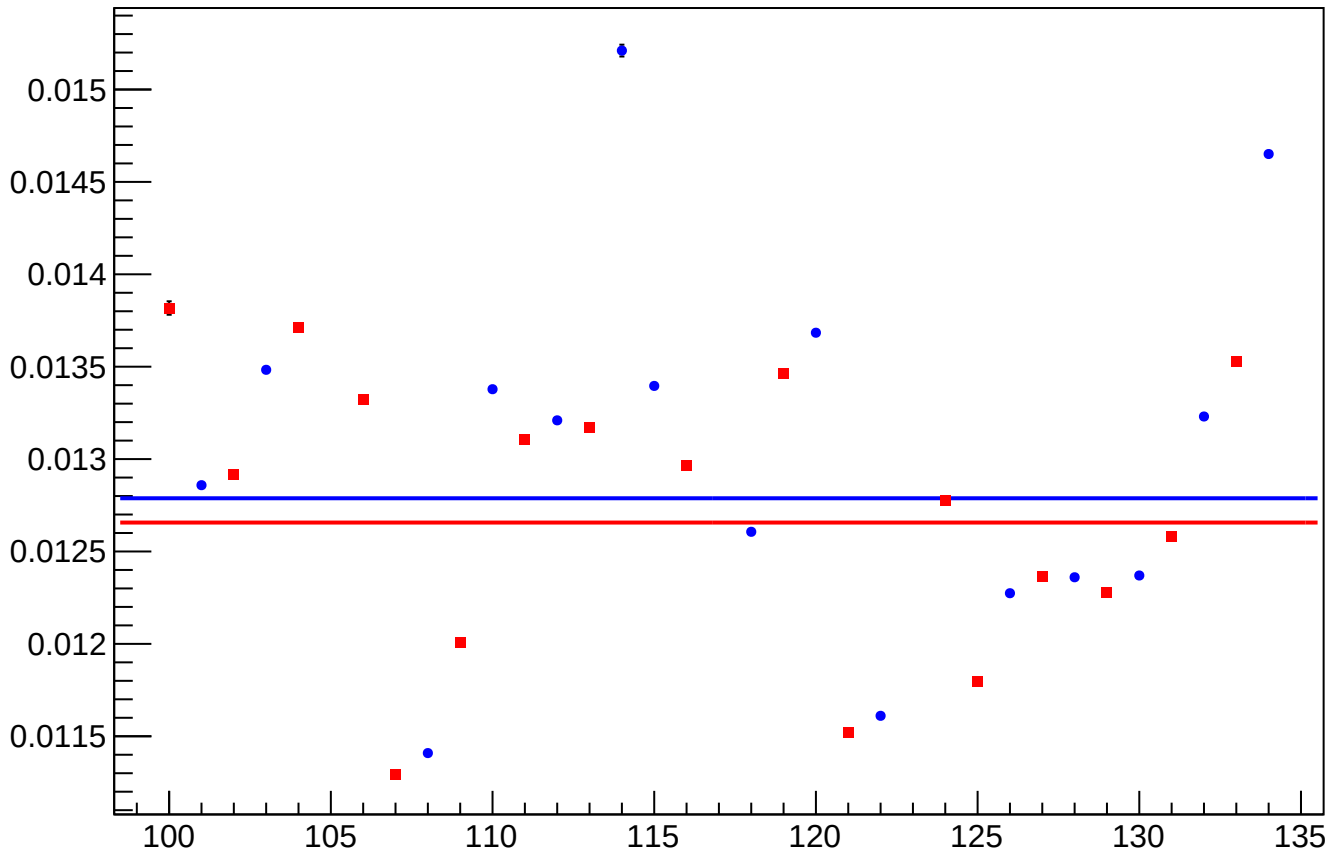
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.571+/-0.000 χ^2/NDF : 6617443402.3/31

- 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 : 42522.5/16

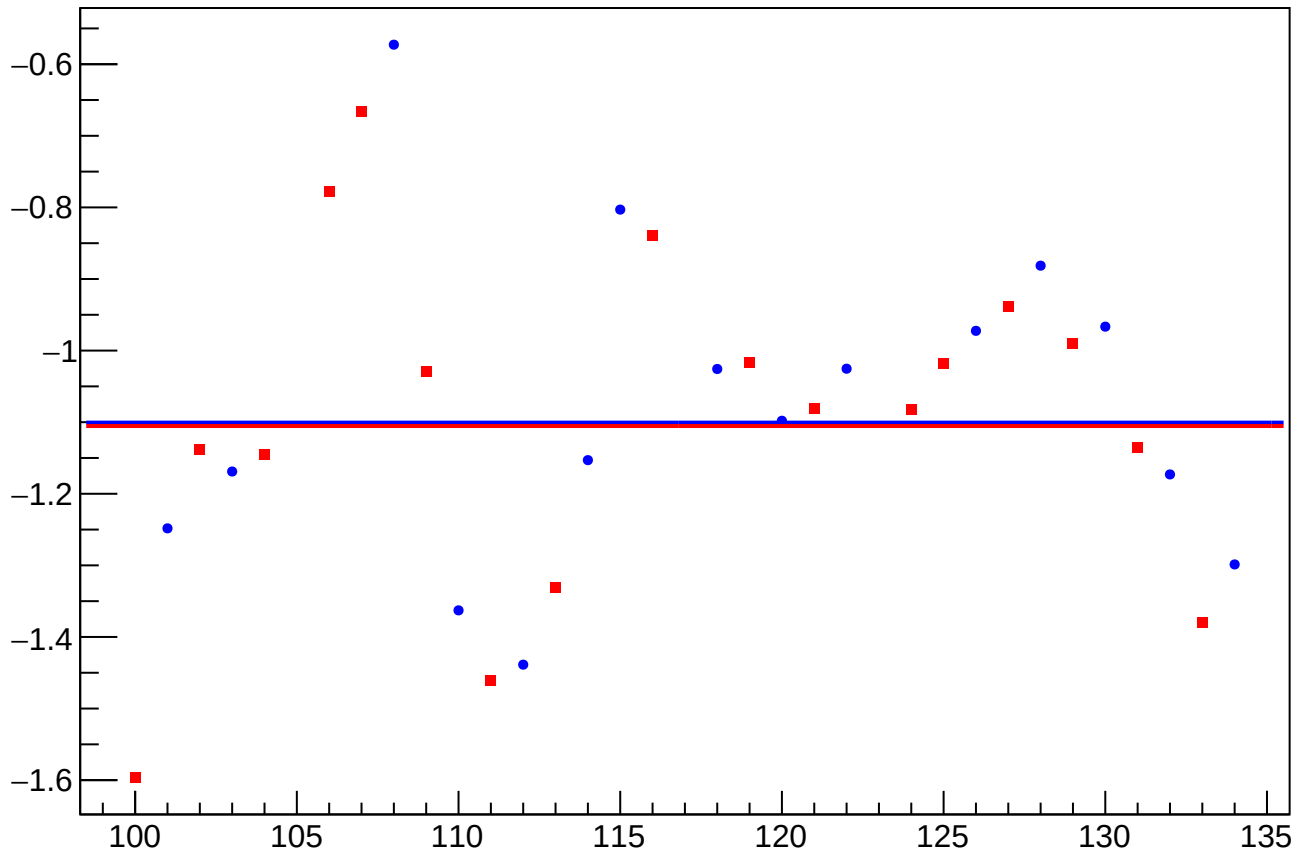
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 94396.7/31

- 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: -1.105+/-0.000 χ^2/NDF : 2519074070.1/16

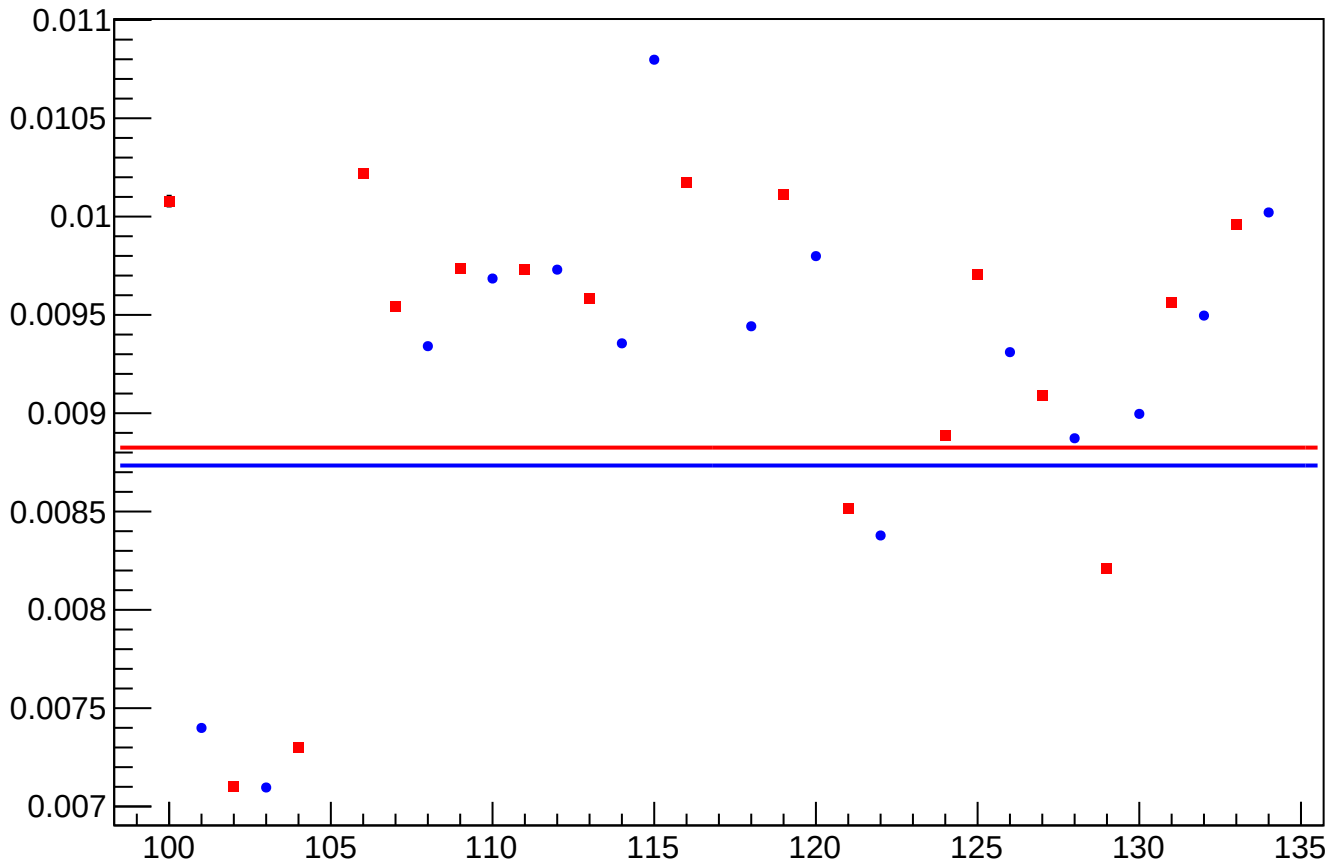
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.103+/-0.000 χ^2/NDF : 5681293873.0/3

- 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 : 203426.4/16

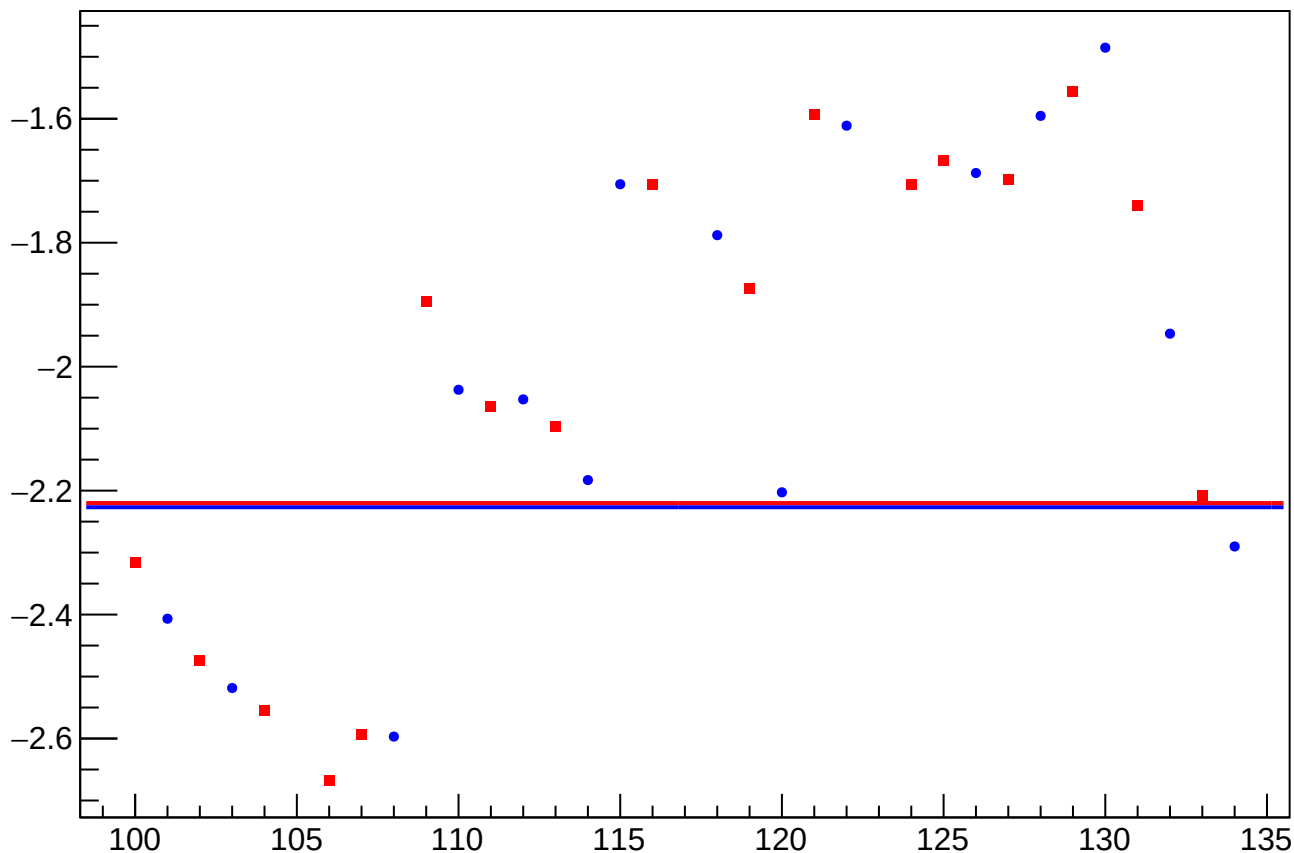
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 373827.3/31

- 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

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

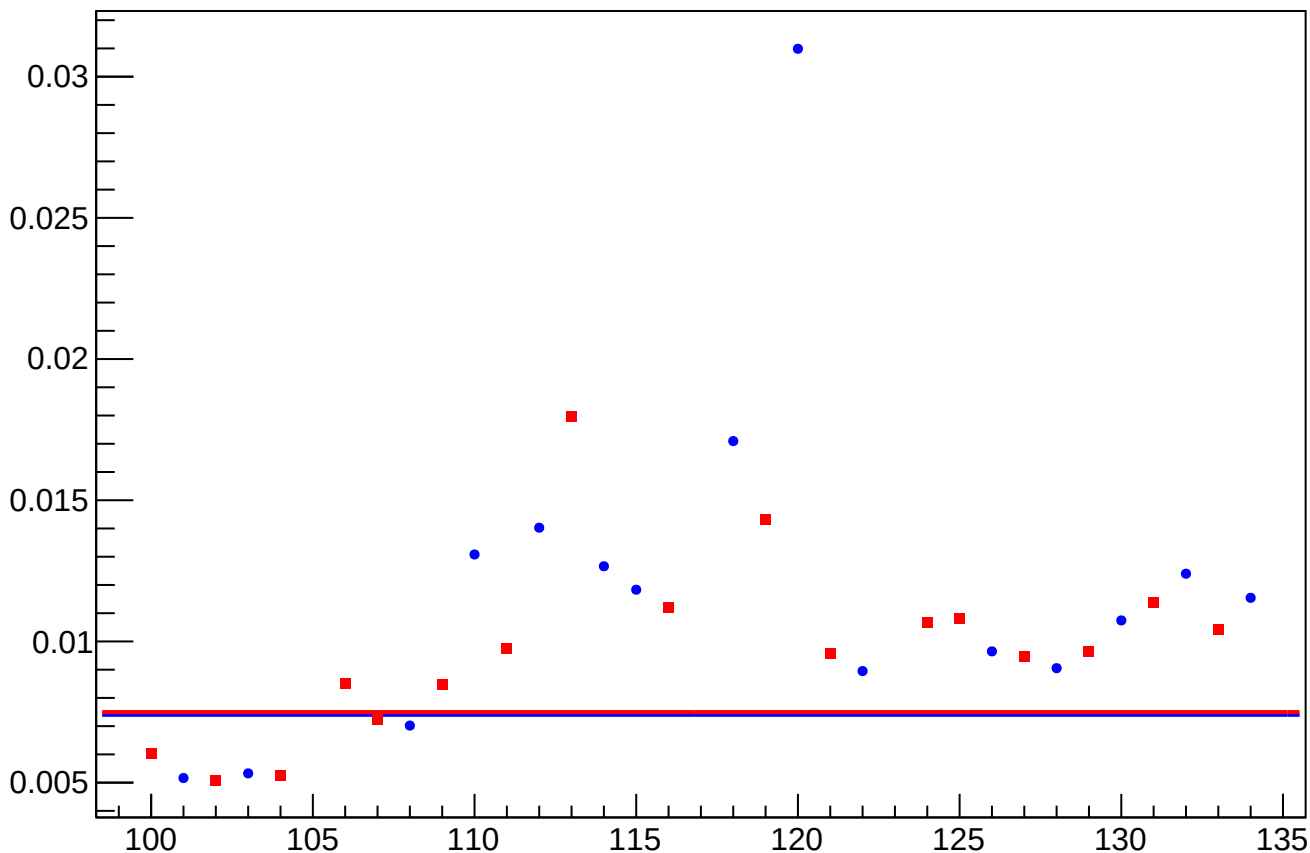
Right Out: -2.220+/-0.000 χ^2 /NDF: 12395673012.1/16

All: -2.223+/-0.000 χ^2 /NDF: 23847539606.6/

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

yield_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: 0.007+/-0.000 χ^2/NDF : 1270038.2/16

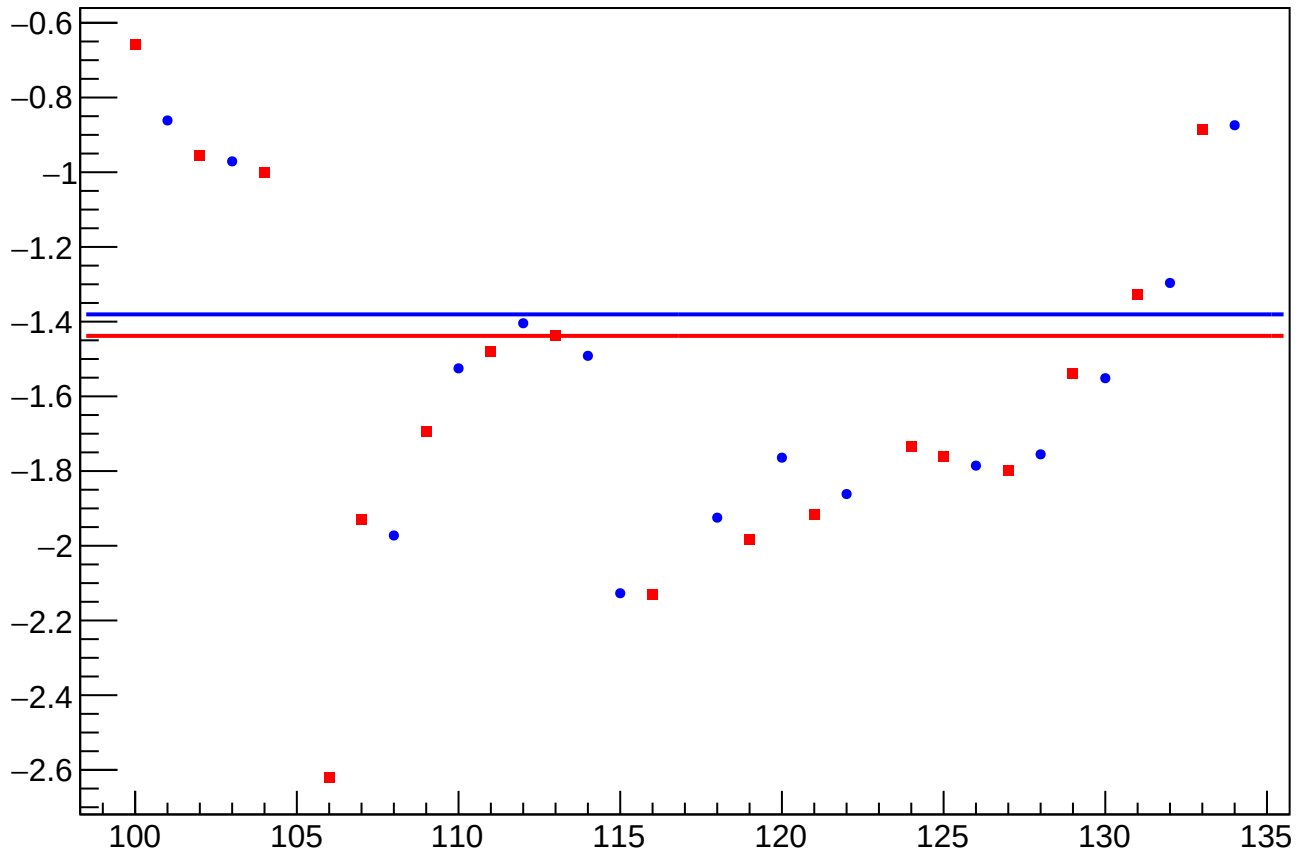
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 2878523.8/31

- 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

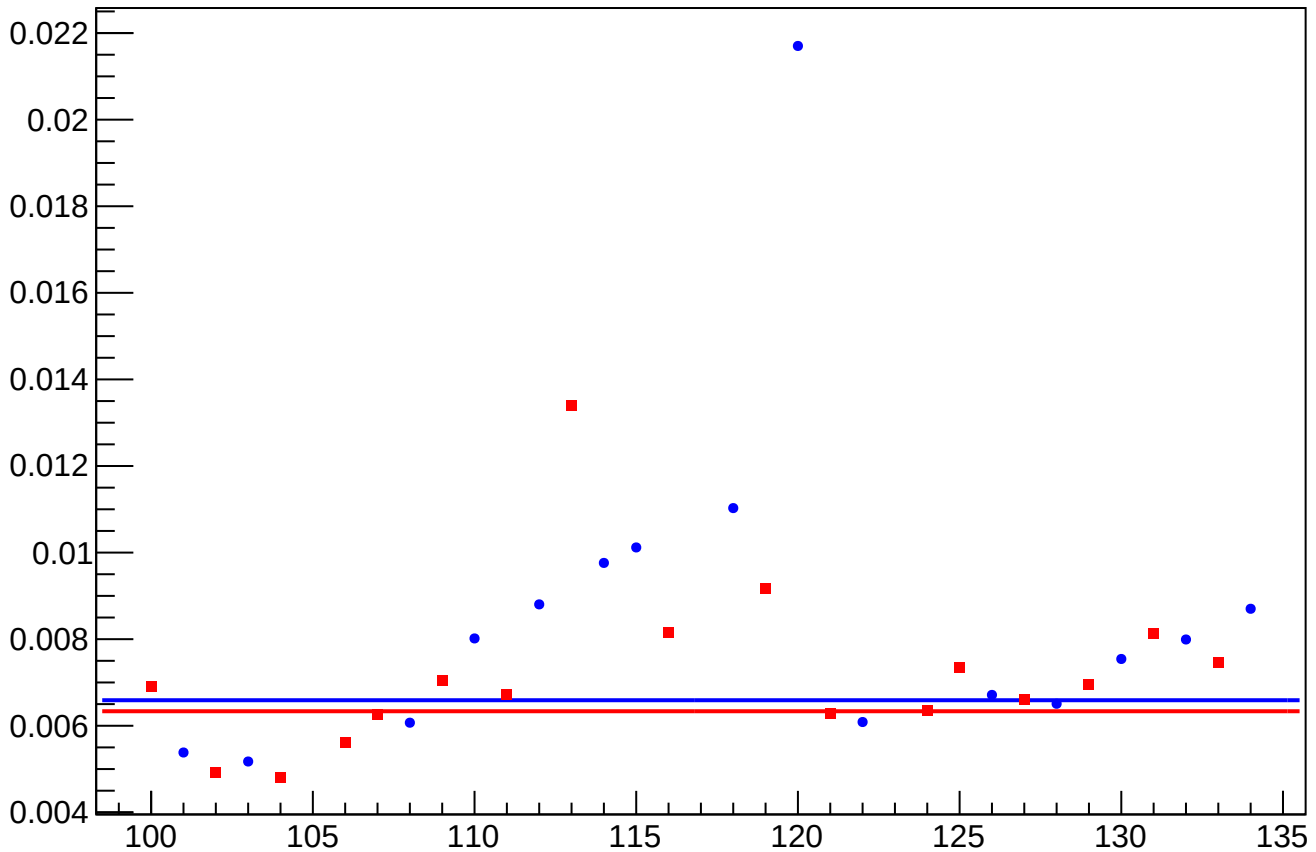
Right Out: -1.438+/-0.000 χ^2/NDF : 28457056741.8/16

All: -1.412+/-0.000 χ^2/NDF : 49748700055.7

- 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 : 528074.8/16

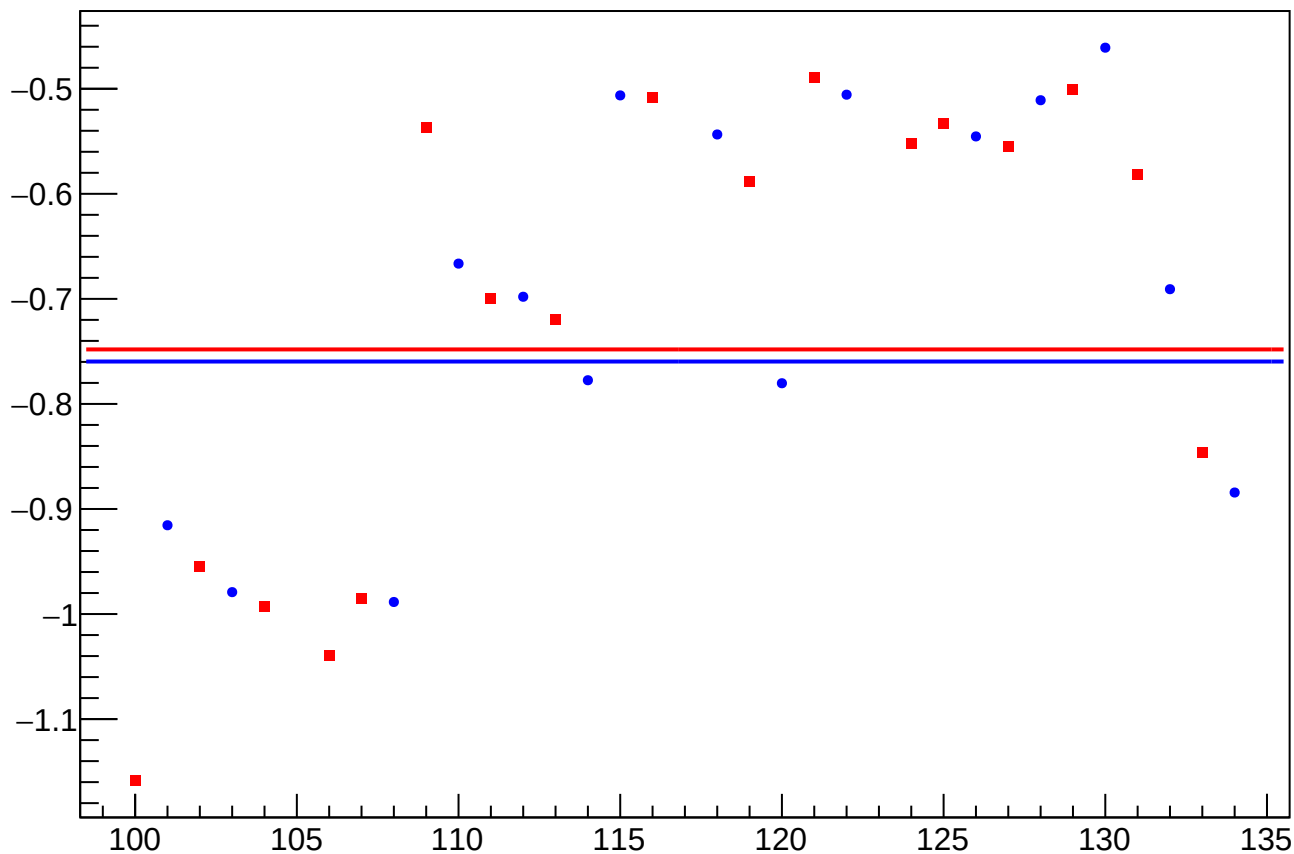
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1227636.3/31

- 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: -0.748+/-0.000 χ^2/NDF : 8435678085.0/16

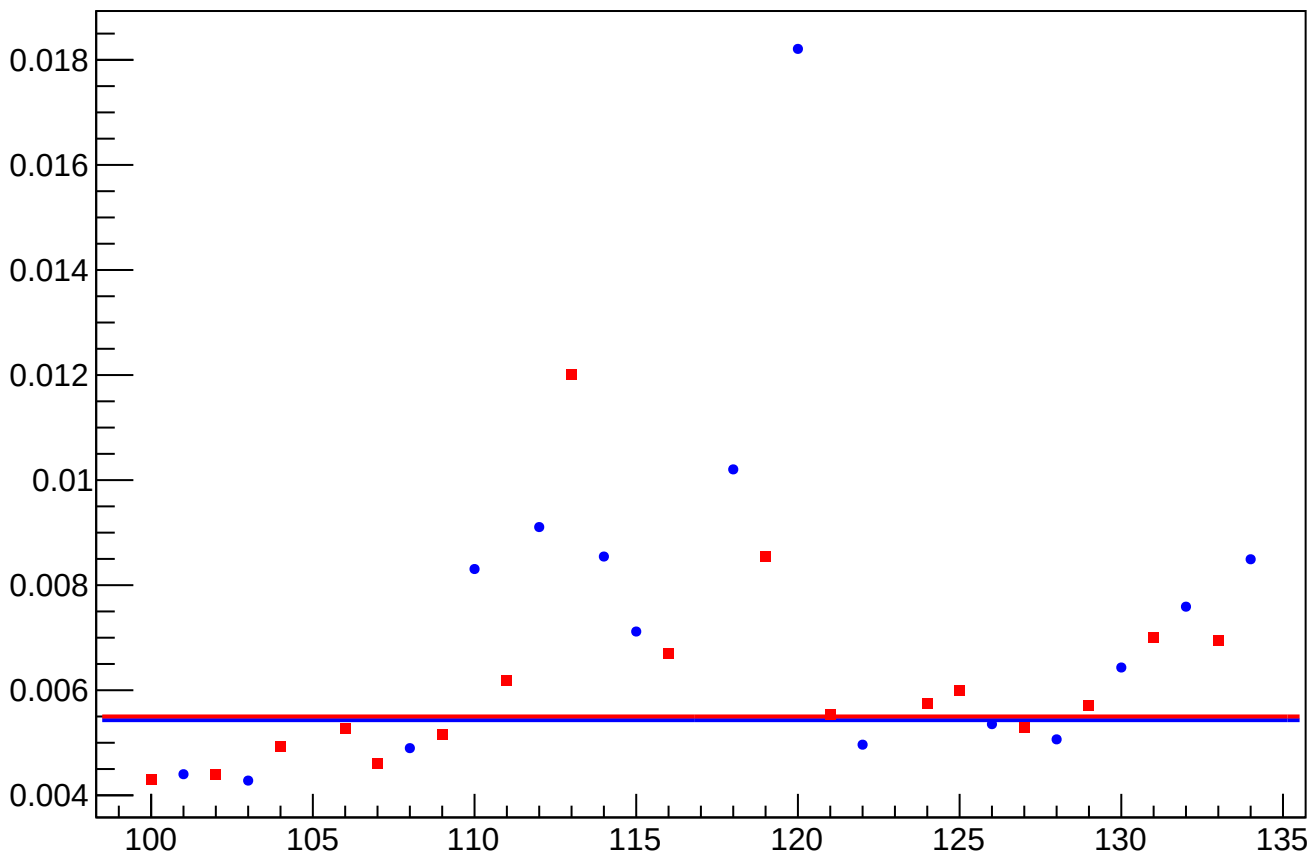
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.754+/-0.000 χ^2/NDF : 15608030978.4/14

- 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: 0.006+/-0.000 χ^2/NDF : 493032.3/16

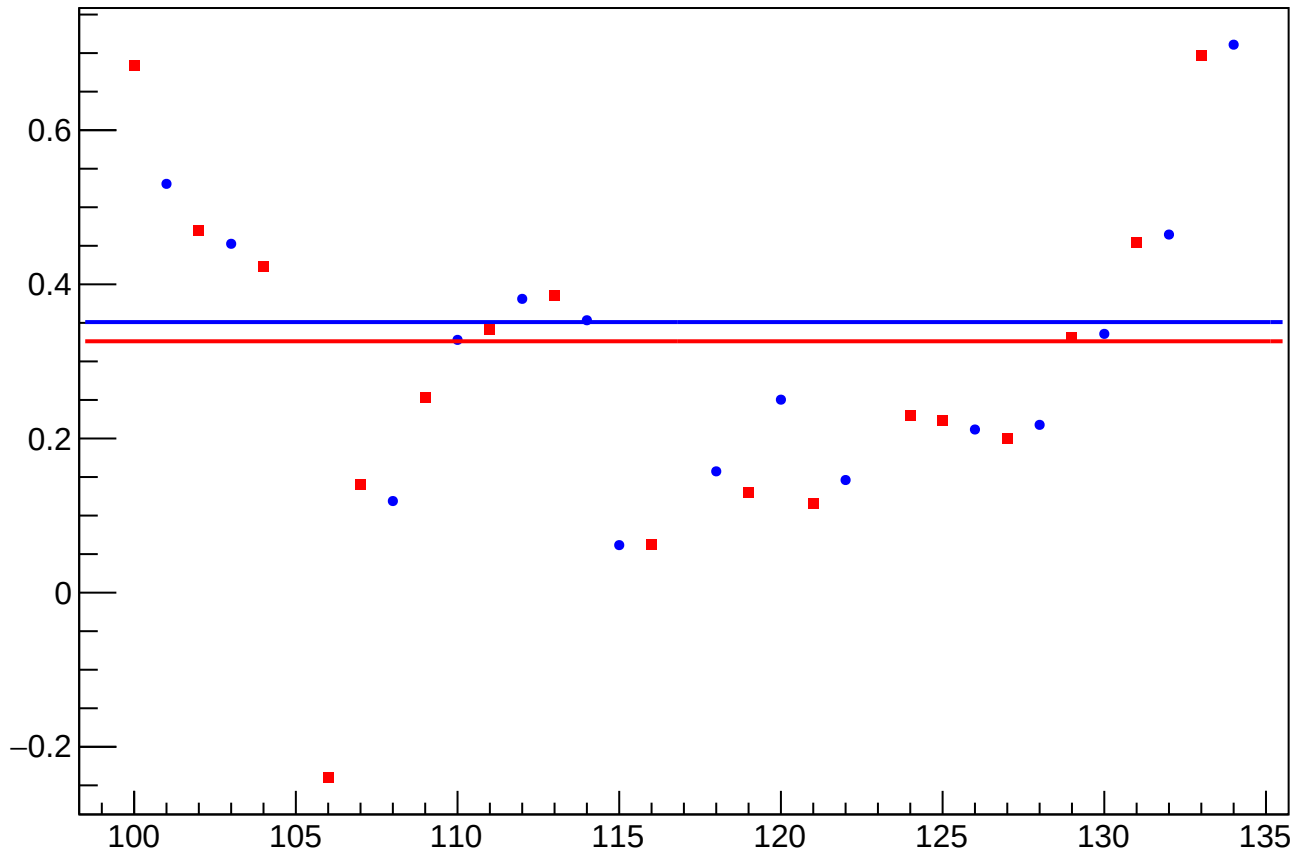
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1452624.7/31

- 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: 0.326+/-0.000 χ^2/NDF : 11459201318.5/16

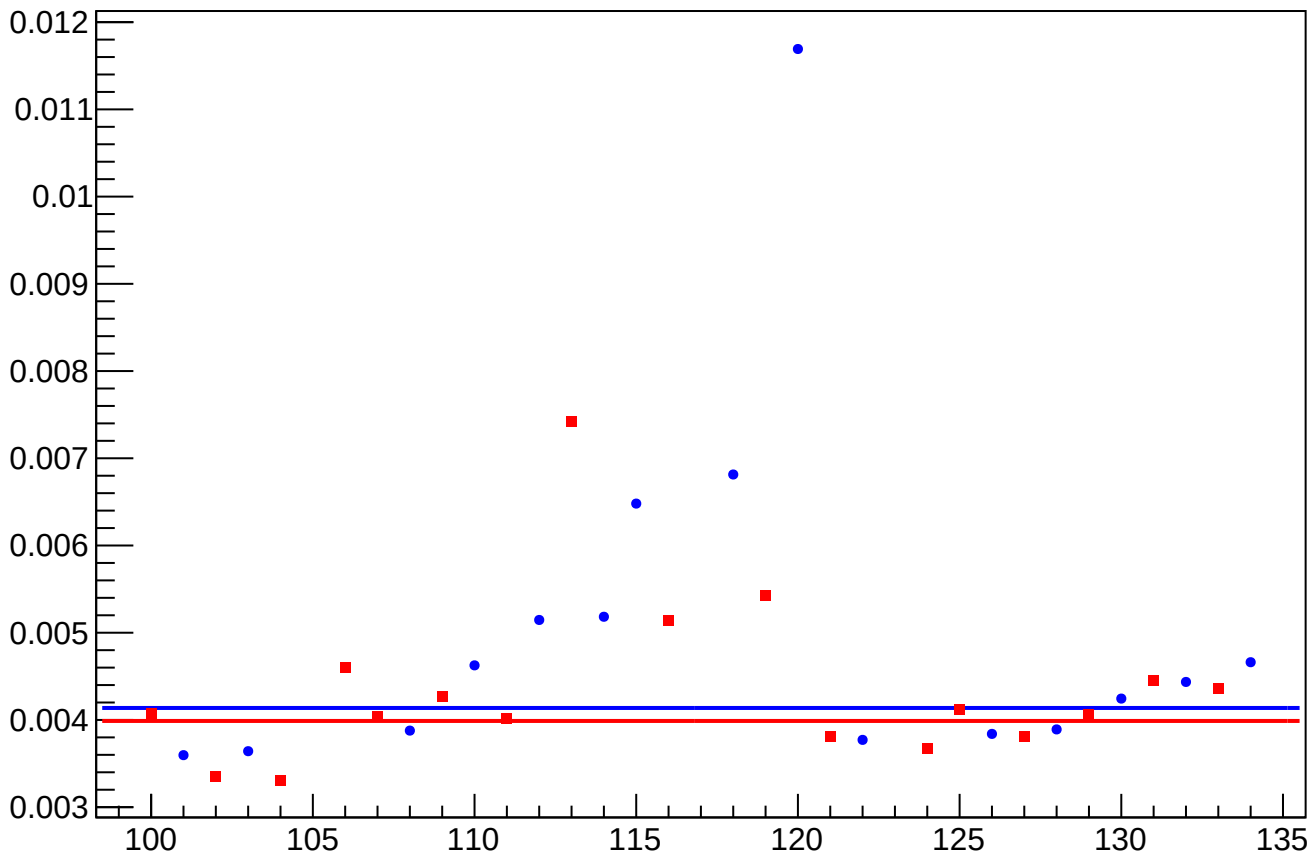
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.338+/-0.000 χ^2/NDF : 20114177745.0/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i07Y_rms vs Slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 483574.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 310984.4/16

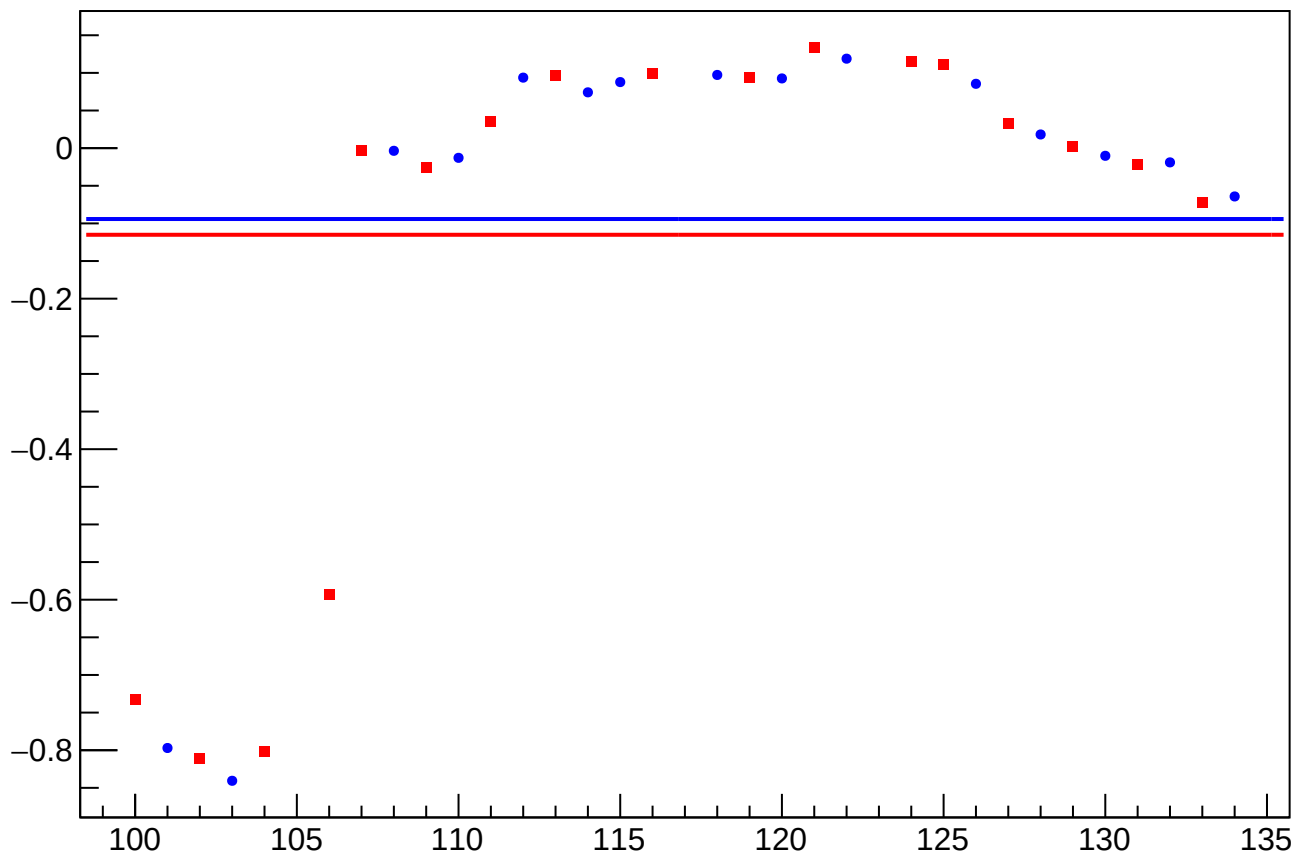
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.000 χ^2 /NDF: 801950.9/31

- sign 0.000 $\pm$ 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

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.115+/-0.000 χ^2/NDF : 6182040275.6/16

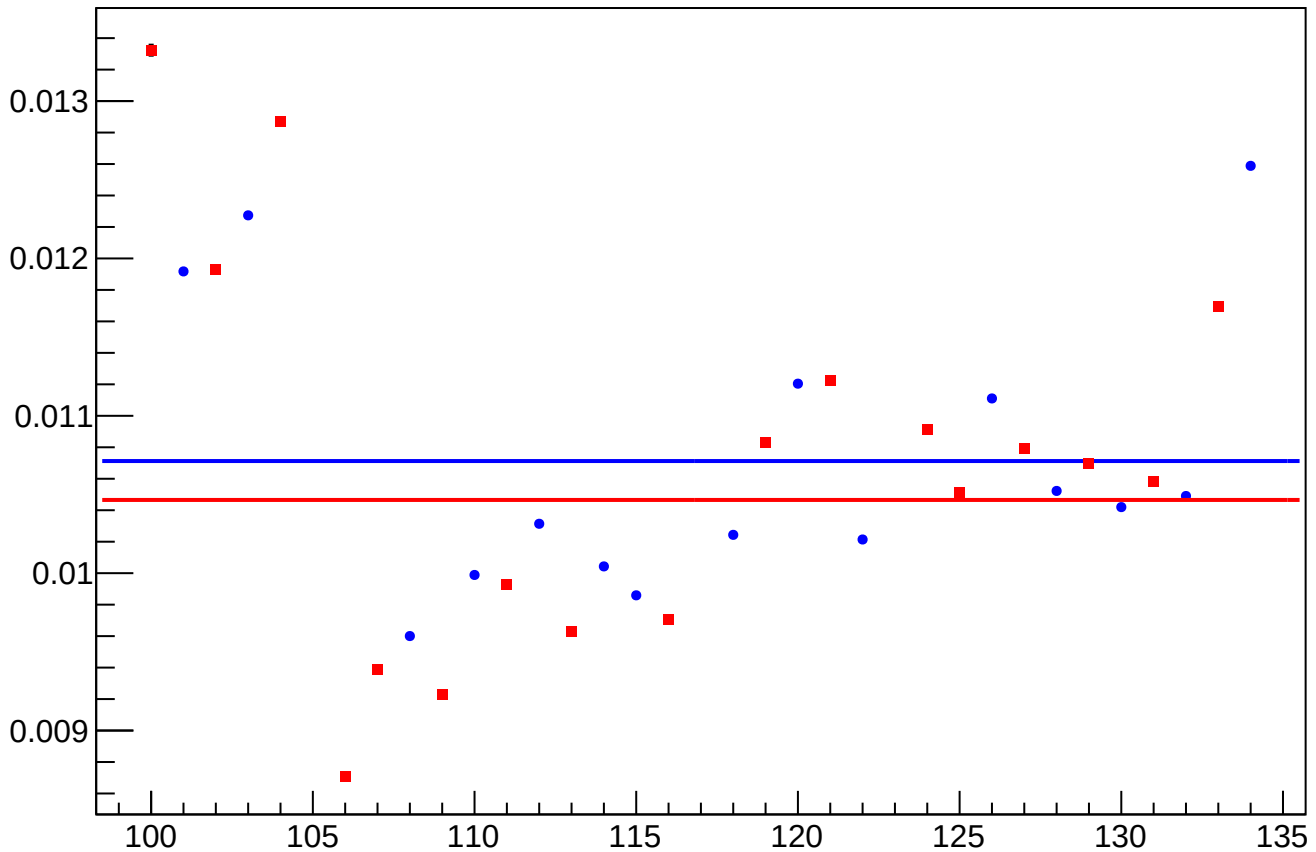
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.105+/-0.000 χ^2/NDF : 11684267540.4/17

- sign 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: 0.010+/-0.000 χ^2/NDF : 144245.6/16

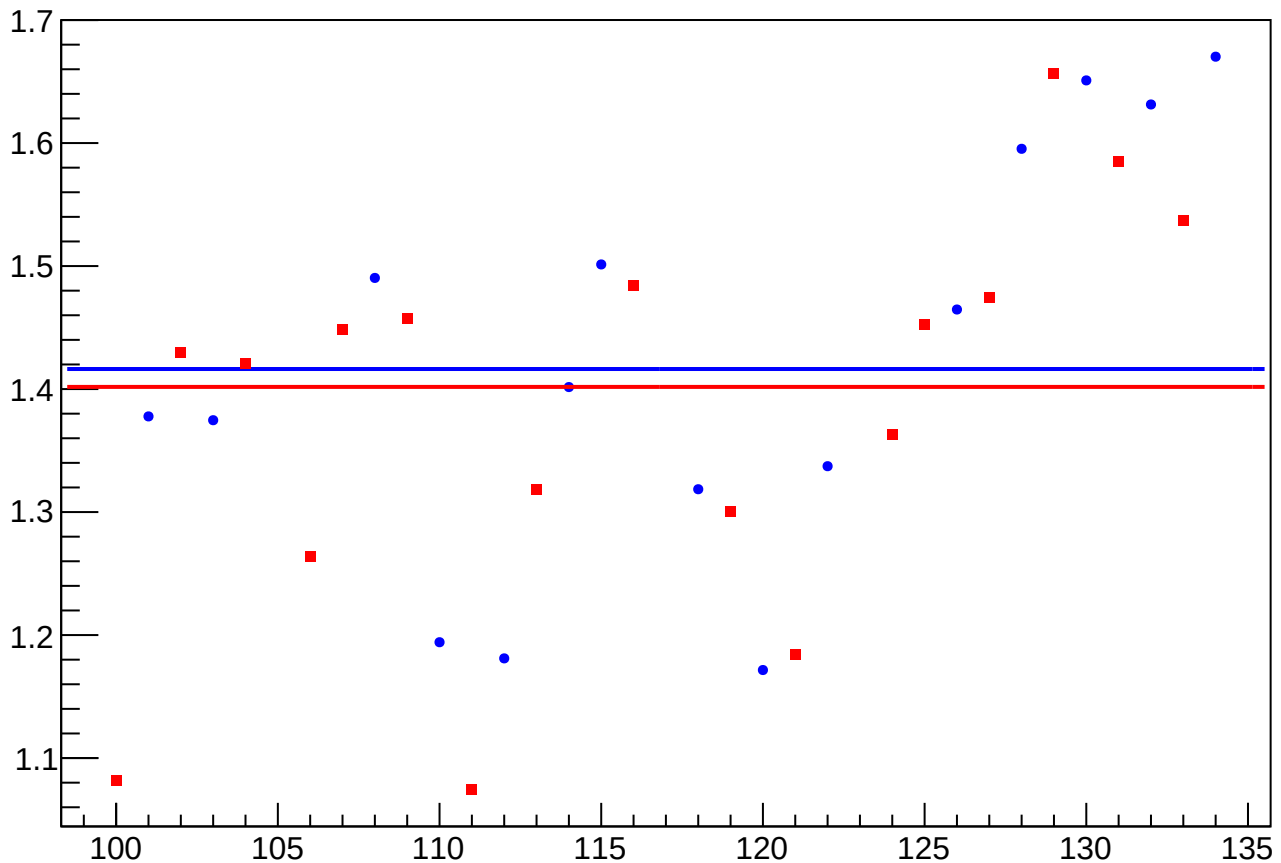
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 224398.1/31

- 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: 1.402+/-0.000 χ^2/NDF : 2432440464.0/16

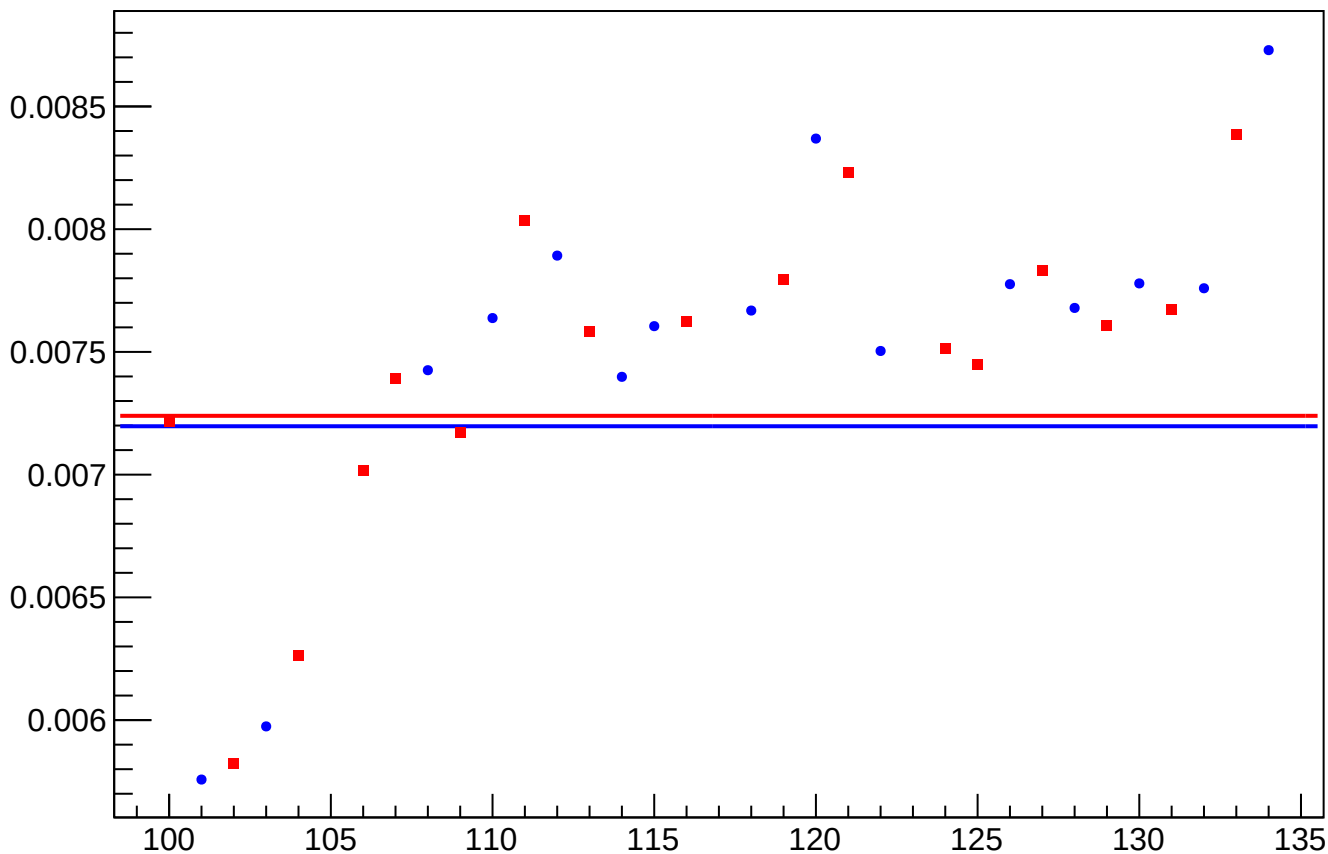
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.409+/-0.000 χ^2/NDF : 5175267651.2/31

- 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 : 159958.9/16

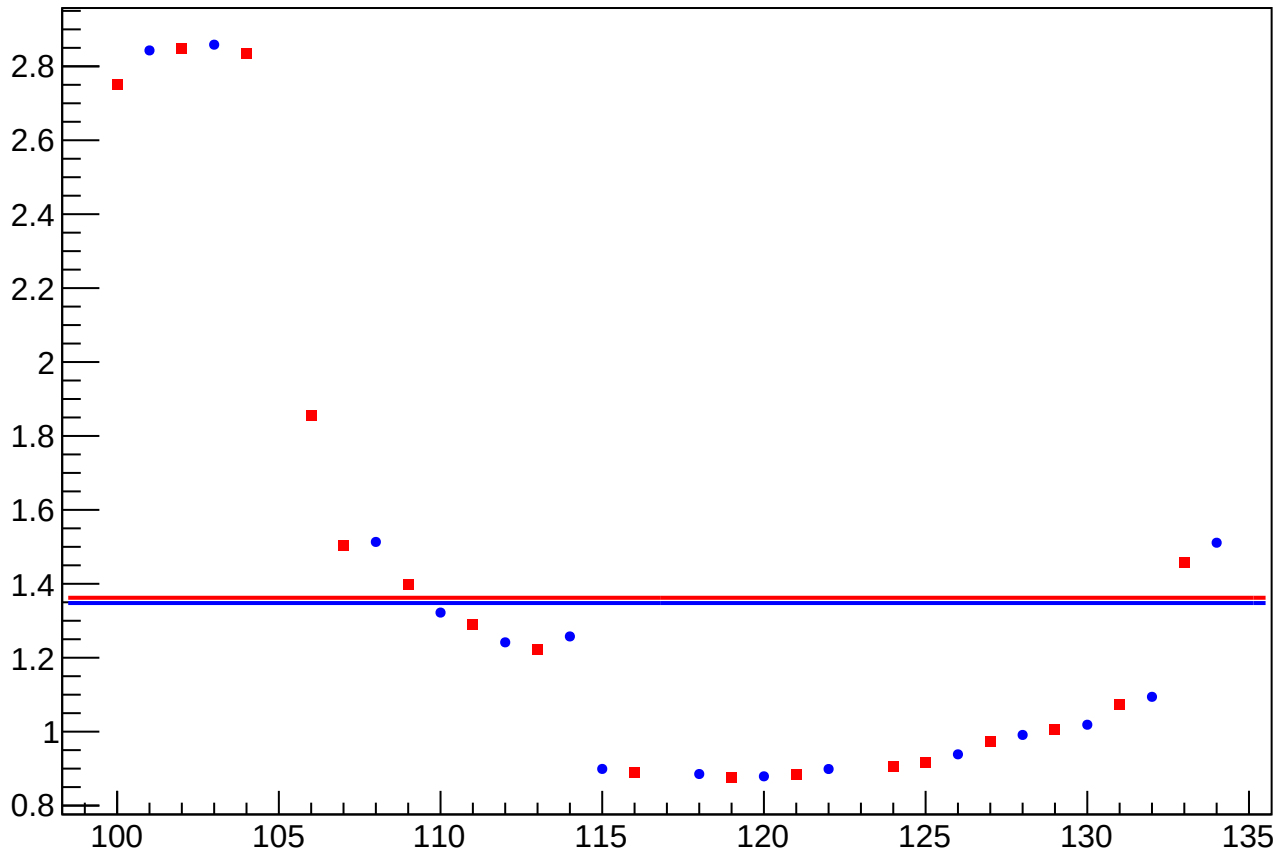
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 364209.2/31

- 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: 1.362+/-0.000 χ^2/NDF : 53352600863.7/16

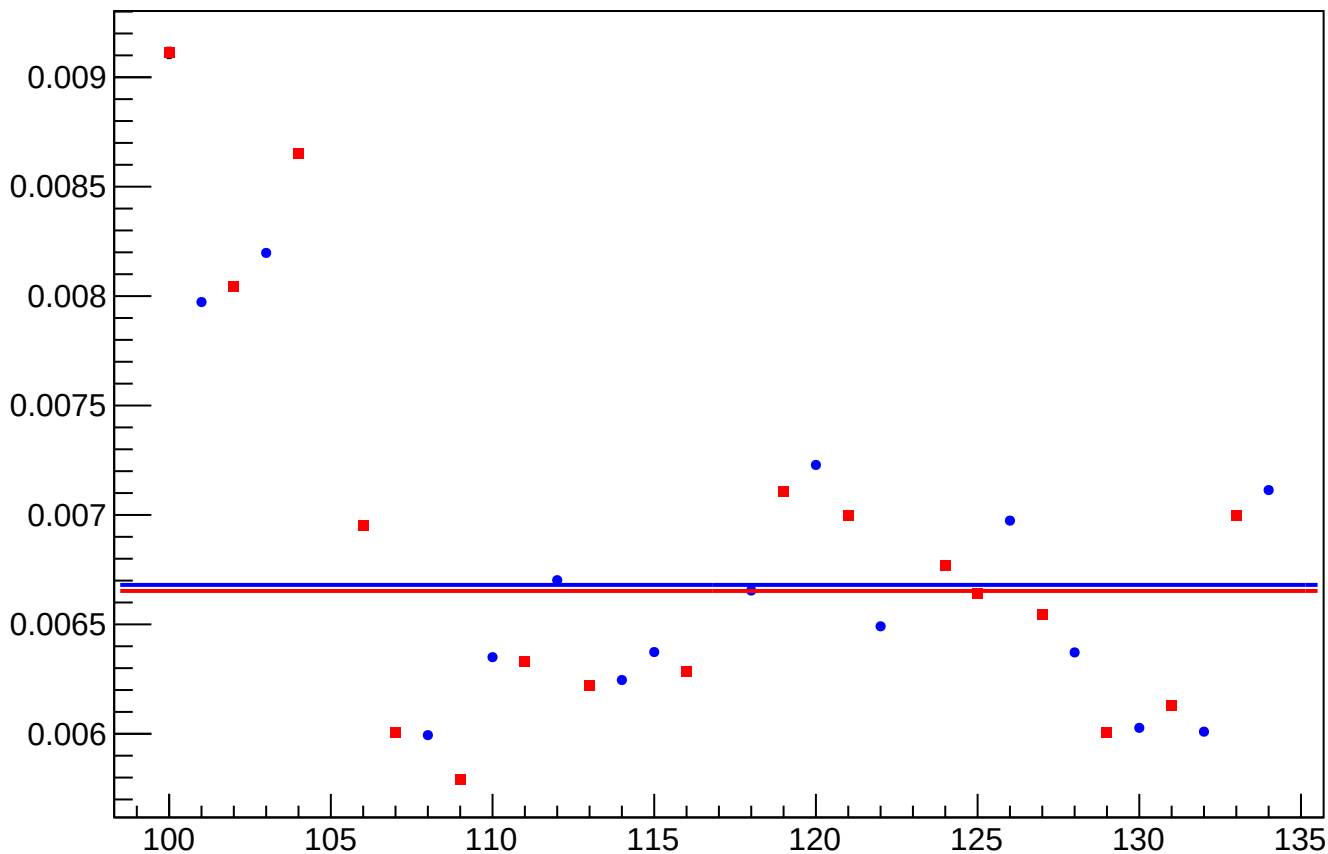
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.355+/-0.000 χ^2/NDF : 109544661522.1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04X_rms vs Slug



Right In: 0.007 $\pm$ 0.000 χ^2 /NDF: 124161.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.000 χ^2 /NDF: 168737.1/16

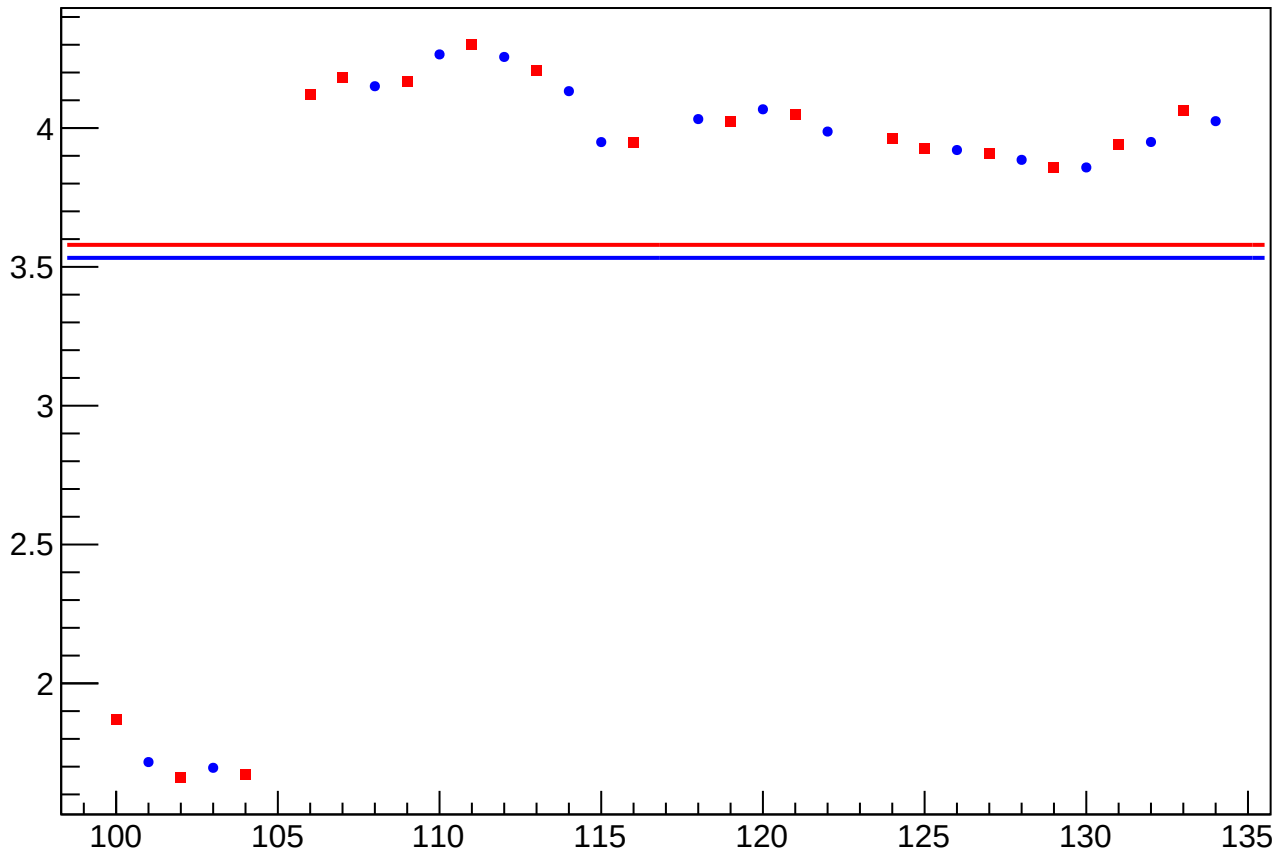
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.000 χ^2 /NDF: 293008.8/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i04Y_mean vs Slug



Right In: 3.532+/-0.000 χ^2/NDF : 195164030929.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.579+/-0.000 χ^2/NDF : 206019599435.1/16

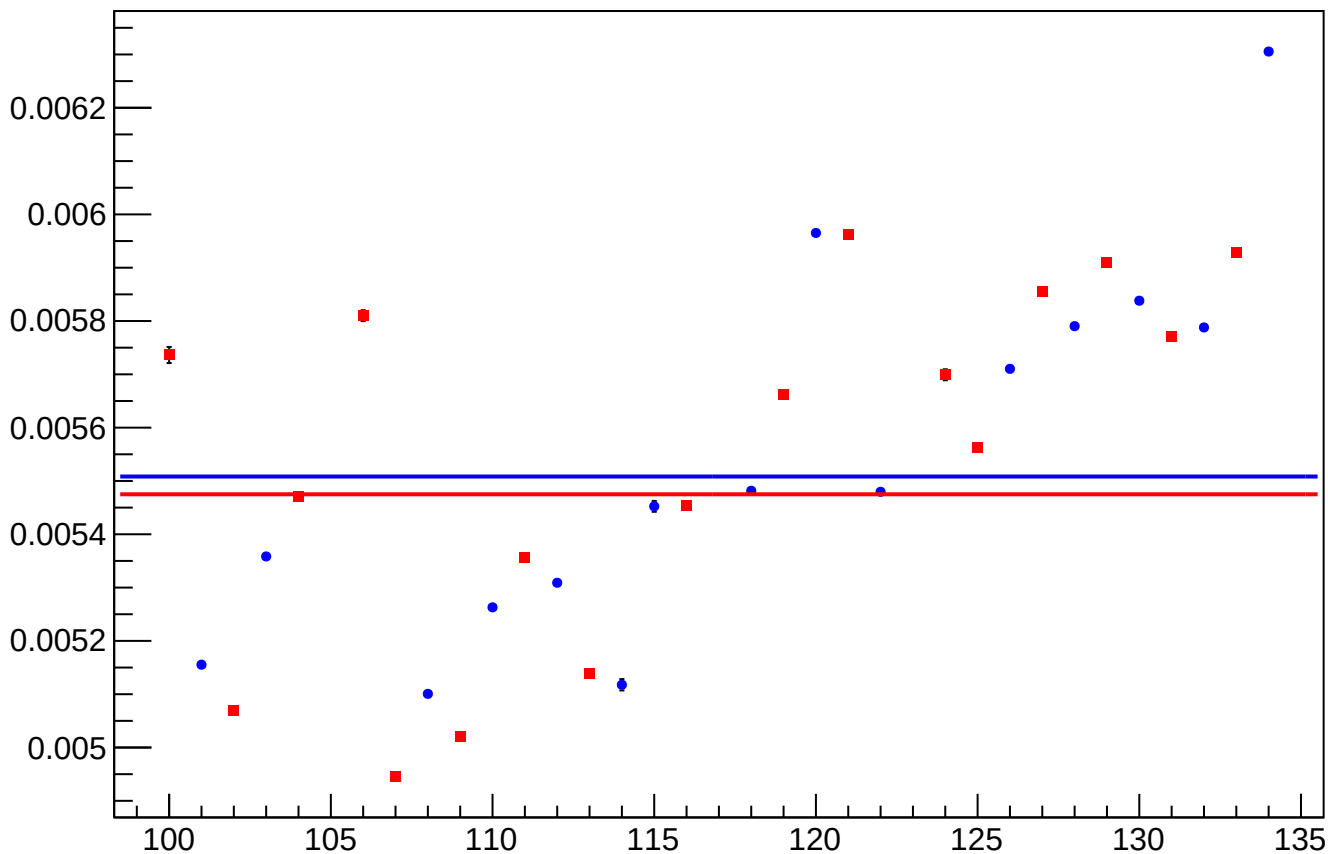
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.557+/-0.000 χ^2/NDF : 401417974941.8

- sign 0.000+/-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 : 52121.3/16

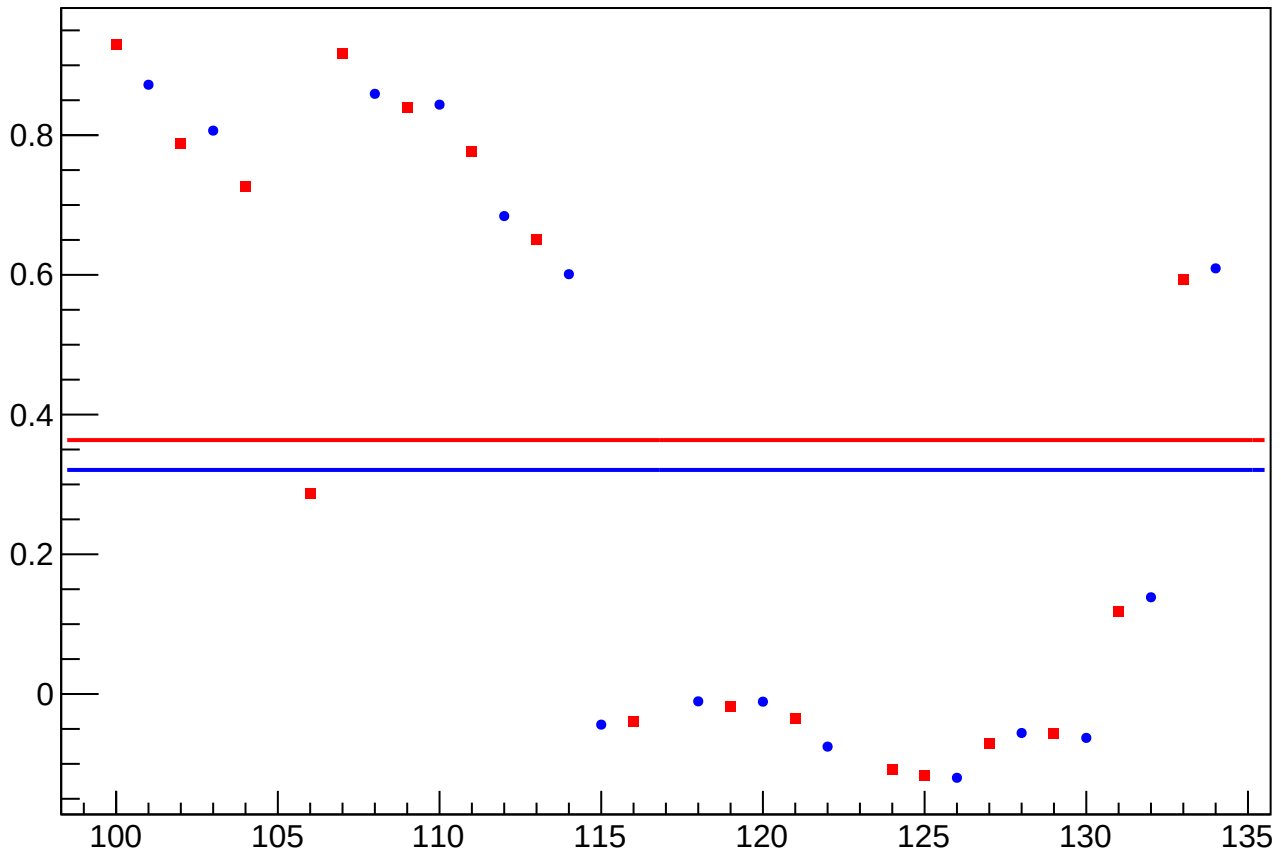
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 93889.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i06X_mean vs Slug



Right In: 0.321 ± 0.000 $\chi^2/\text{NDF}: 5301705084.9/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.364 ± 0.000 $\chi^2/\text{NDF}: 5212612679.0/16$

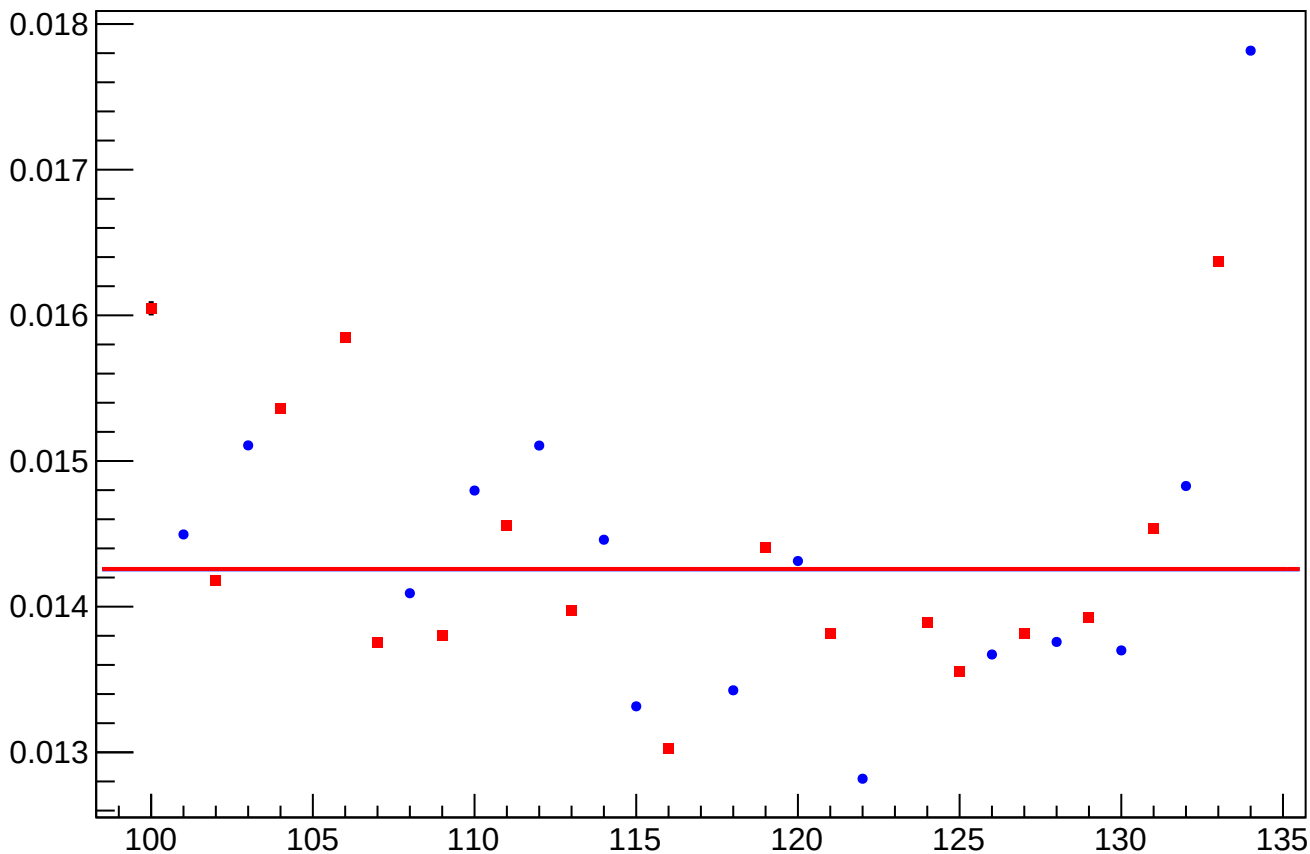
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.343 ± 0.000 $\chi^2/\text{NDF}: 10543176916.9/3$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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: 37694.2/16

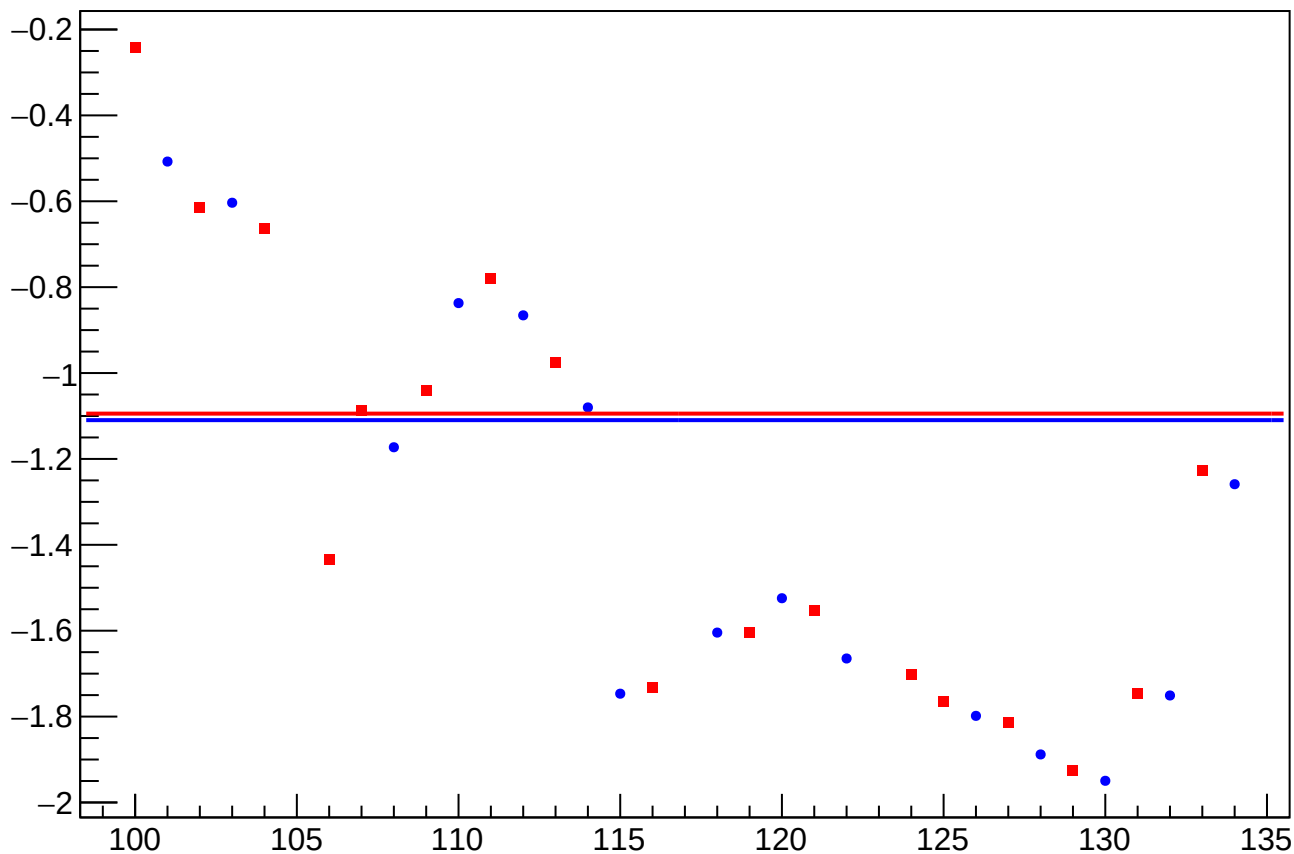
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.000 χ^2 /NDF: 97610.6/31

- 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: -1.094+/-0.000 χ^2/NDF : 46853446434.8/16

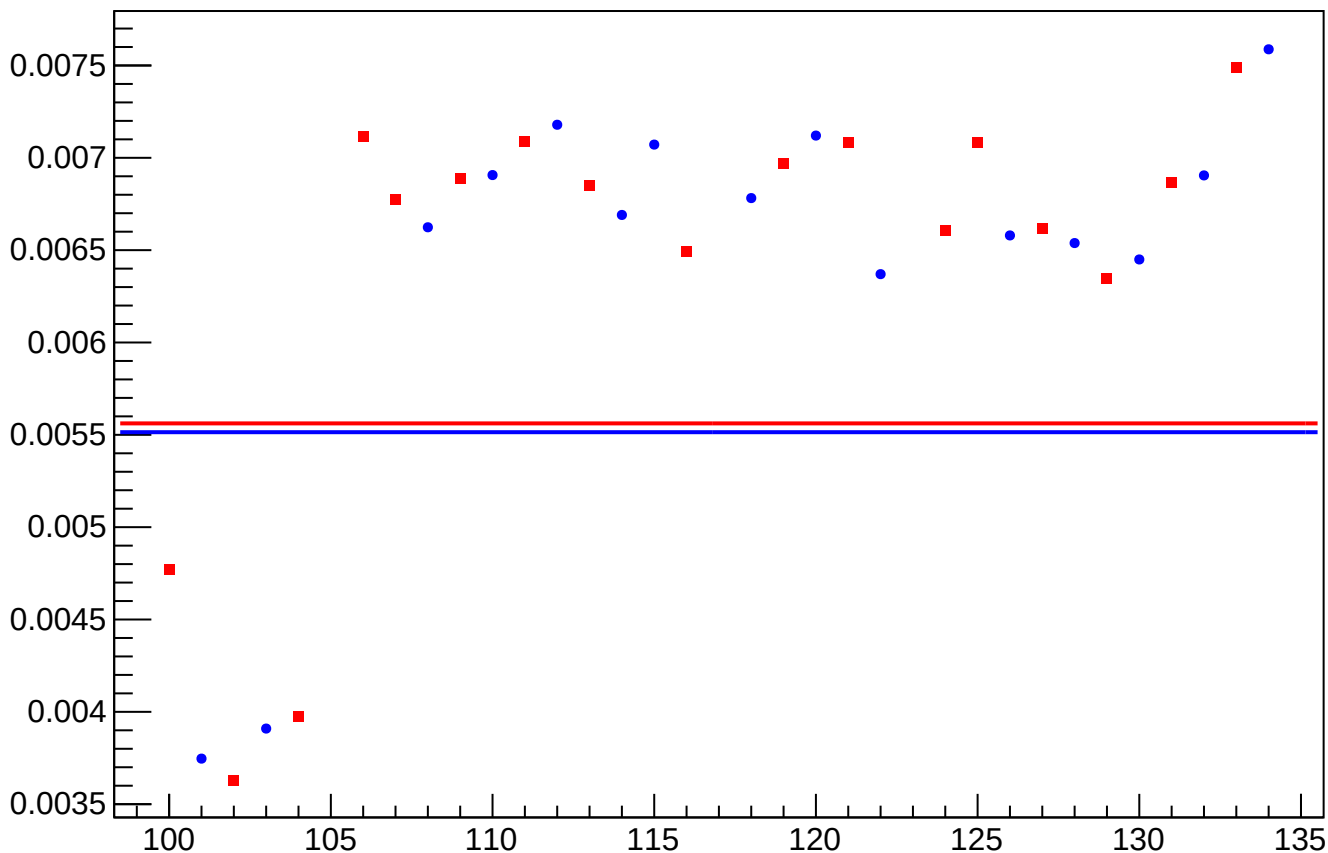
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.102+/-0.000 χ^2/NDF : 104225277743.1

- 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 : 892670.0/16

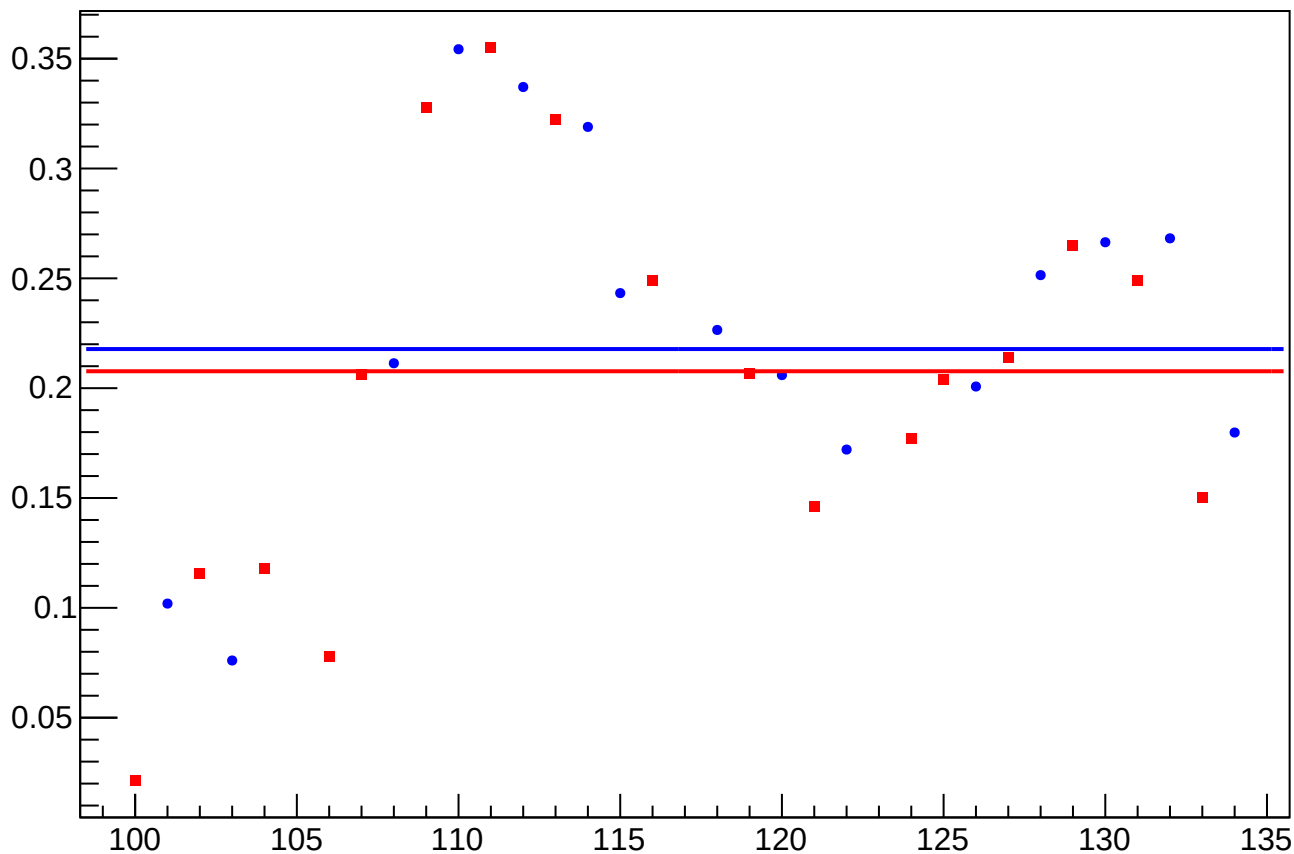
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1700820.0/31

- 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: 0.208+/-0.000 χ^2/NDF : 21931386206.2/16

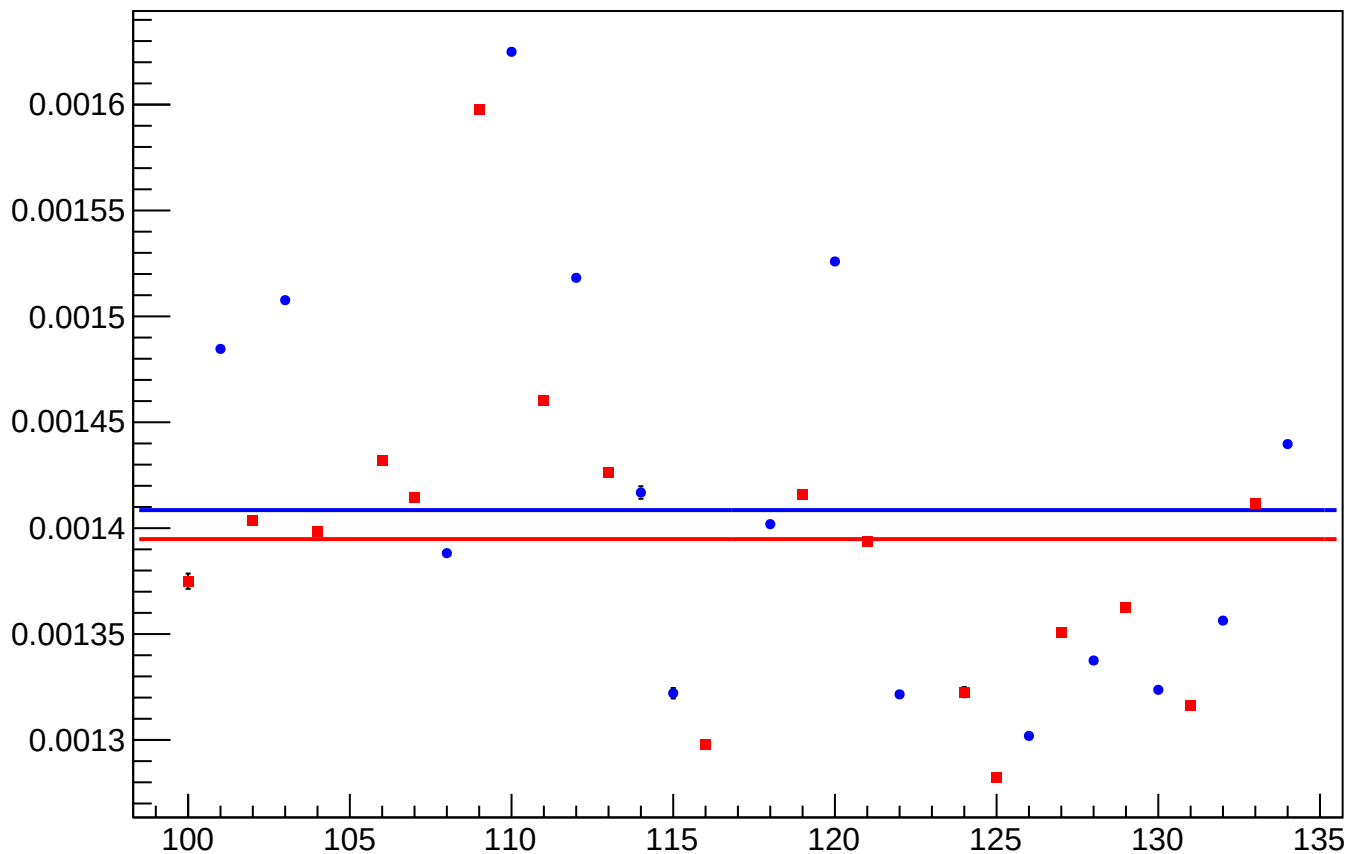
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.212+/-0.000 χ^2/NDF : 38756434215.5/3

- 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 : 33093.1/16

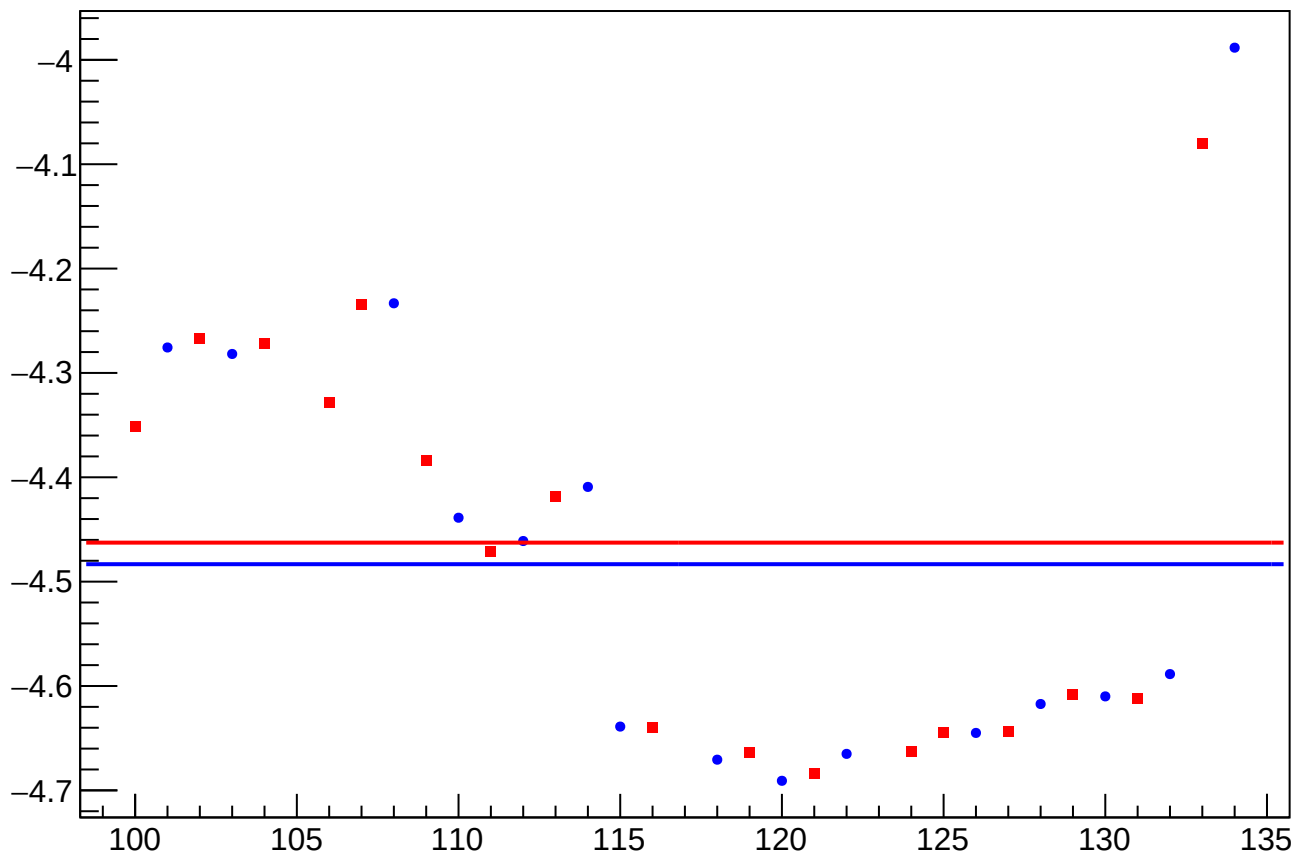
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 81646.2/31

- 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: -4.463+/-0.000 χ^2/NDF : 84441088890.6/16

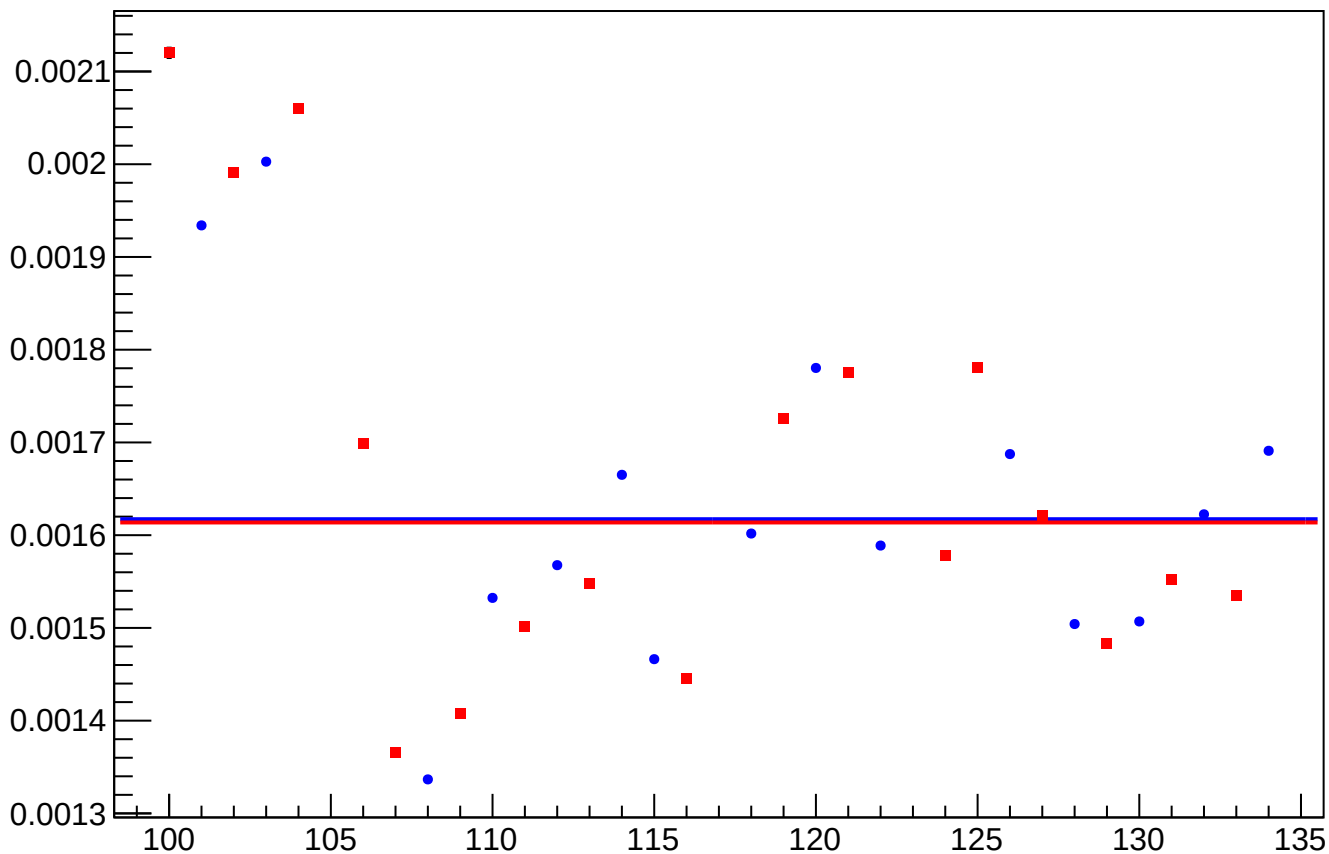
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.473+/-0.000 χ^2/NDF : 173281927994.8

- 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 : 183200.3/16

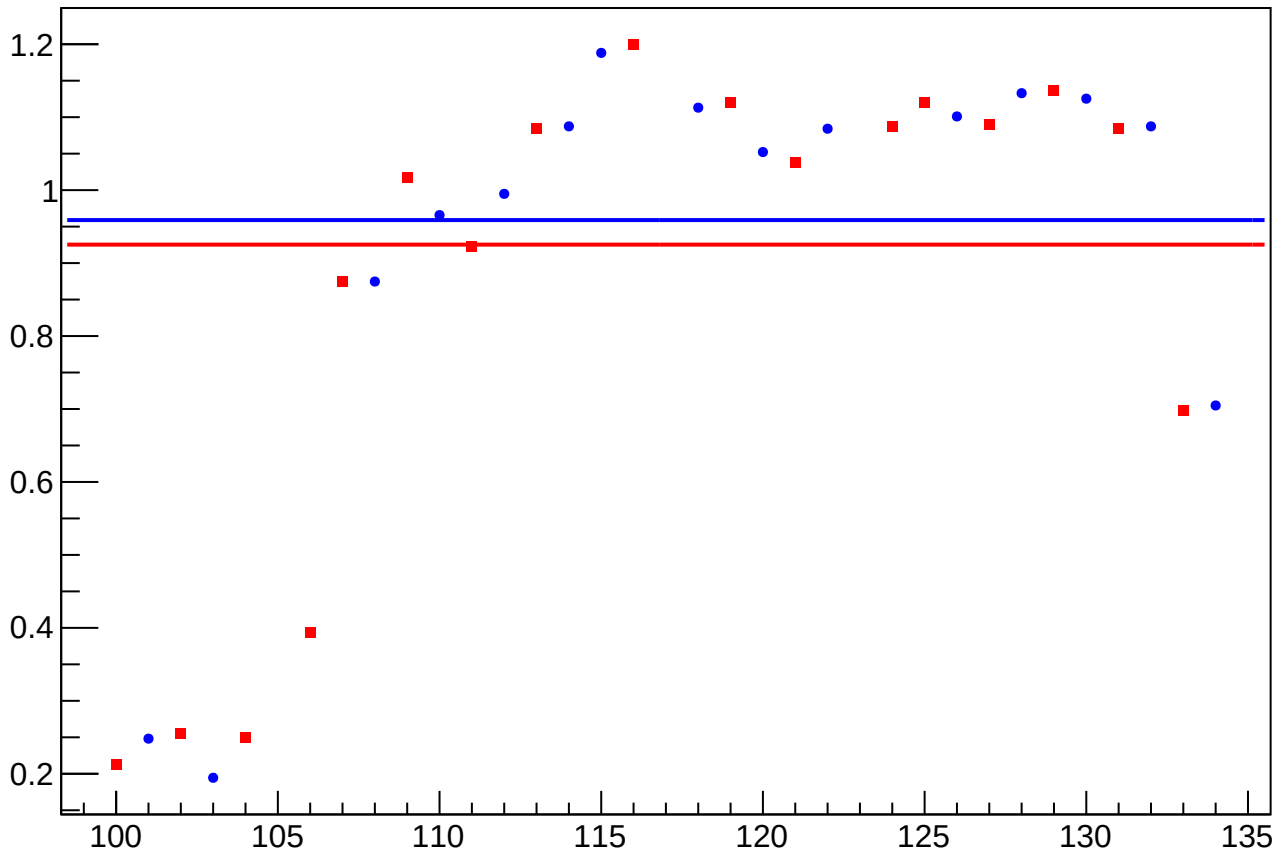
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 323091.4/31

- 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: 0.925+/-0.000 χ^2/NDF : 14720365651.0/16

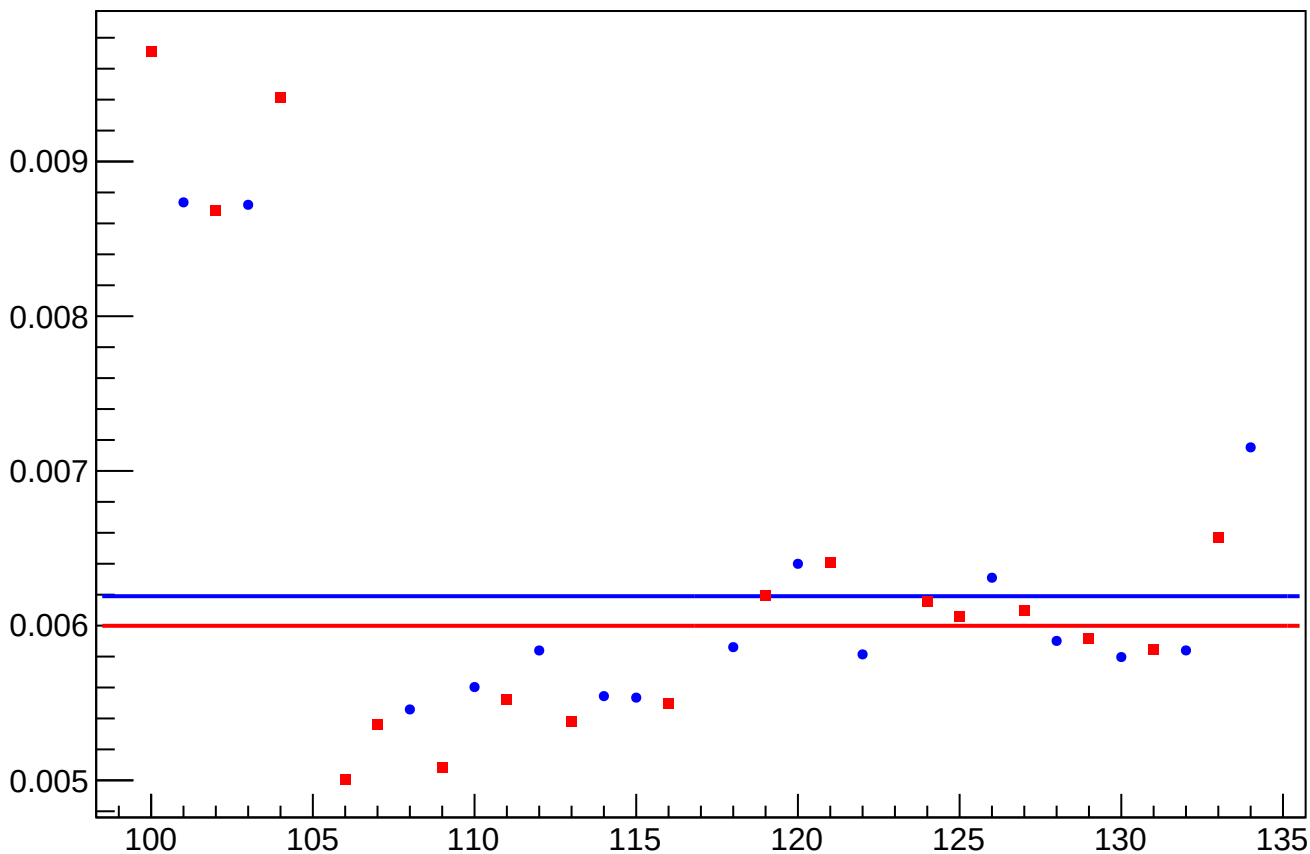
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.941+/-0.000 χ^2/NDF : 26538070147.5/3

- 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 : 385311.8/16

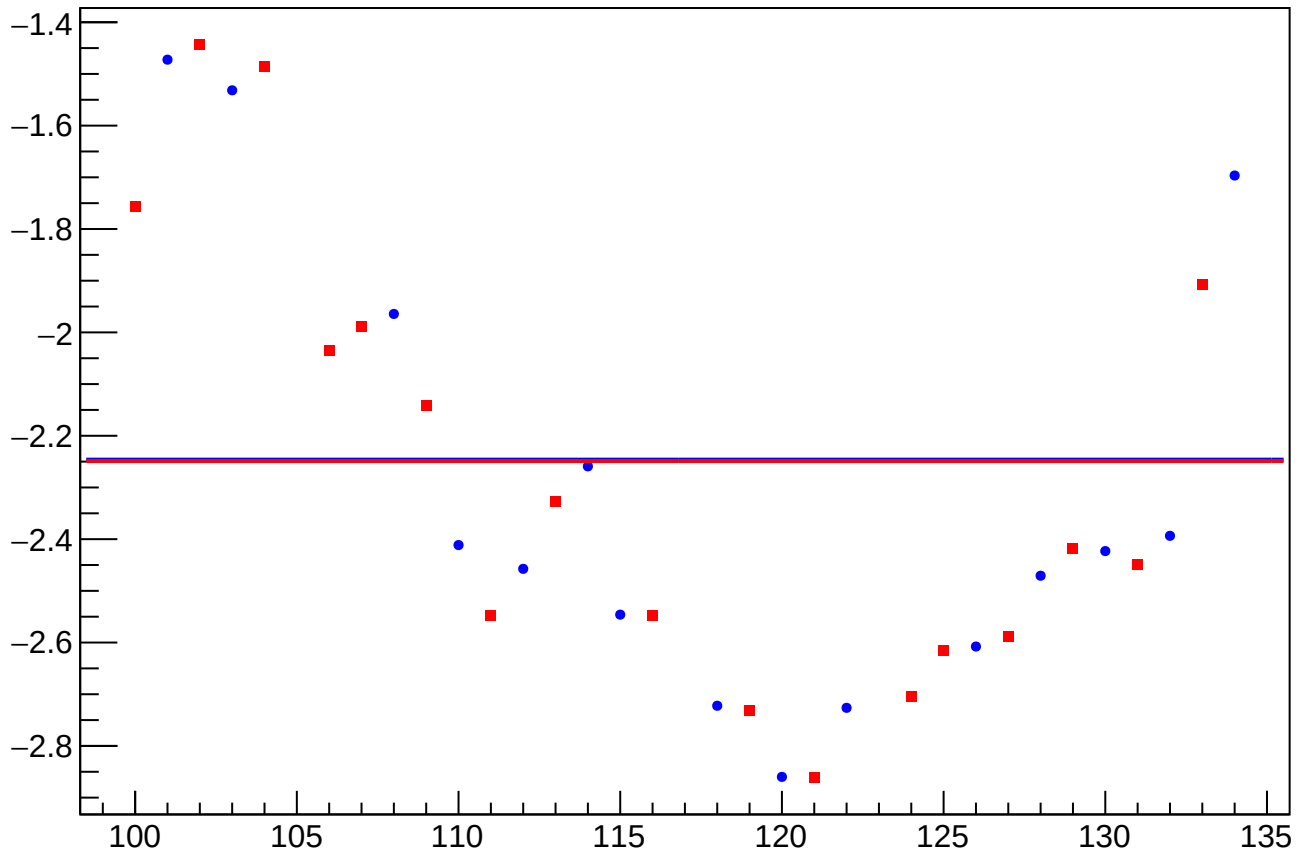
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 667752.1/31

- 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: -2.249+/-0.000 χ^2 /NDF: 39691175275.1/16

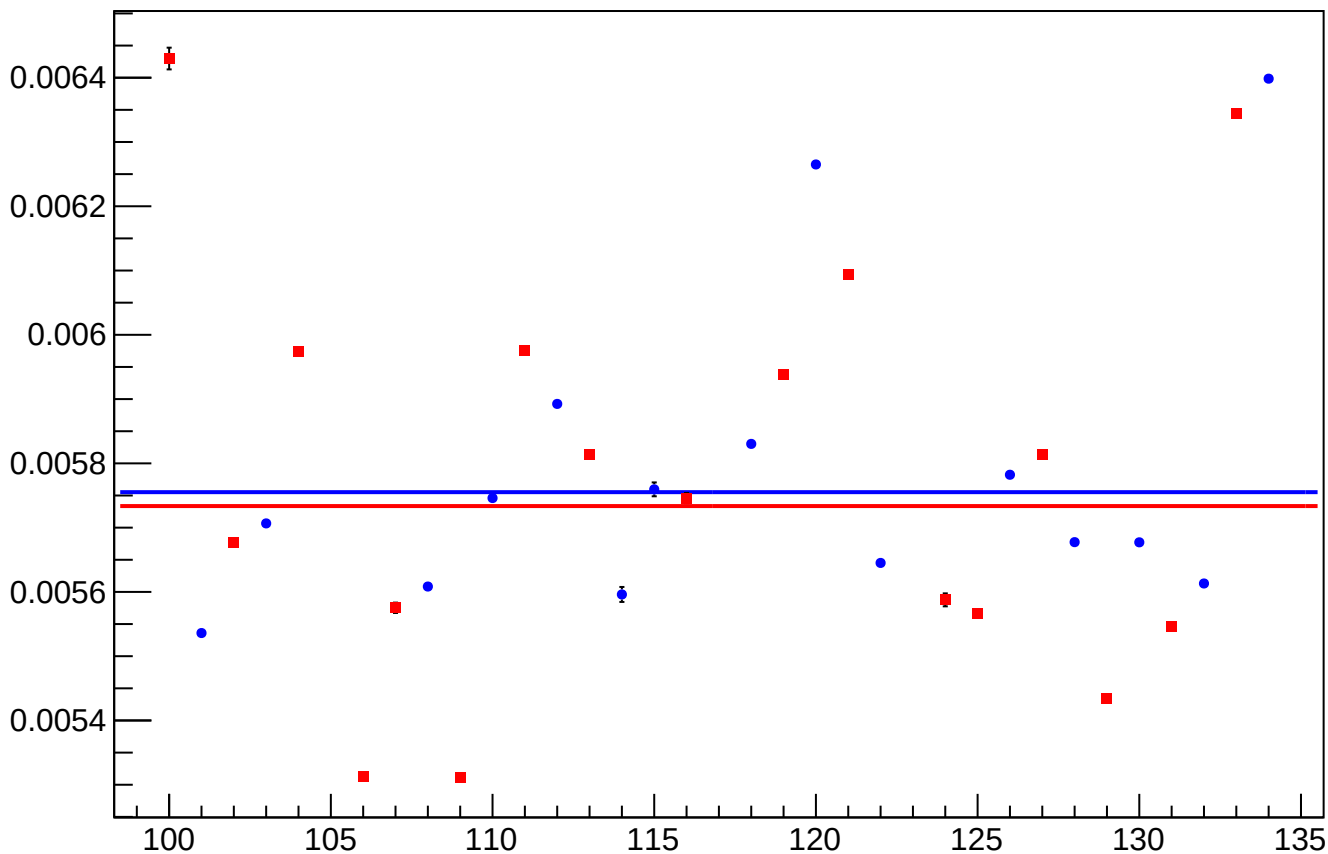
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2.248+/-0.000 χ^2 /NDF: 80113544993.8/14

- 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 : 33586.2/16

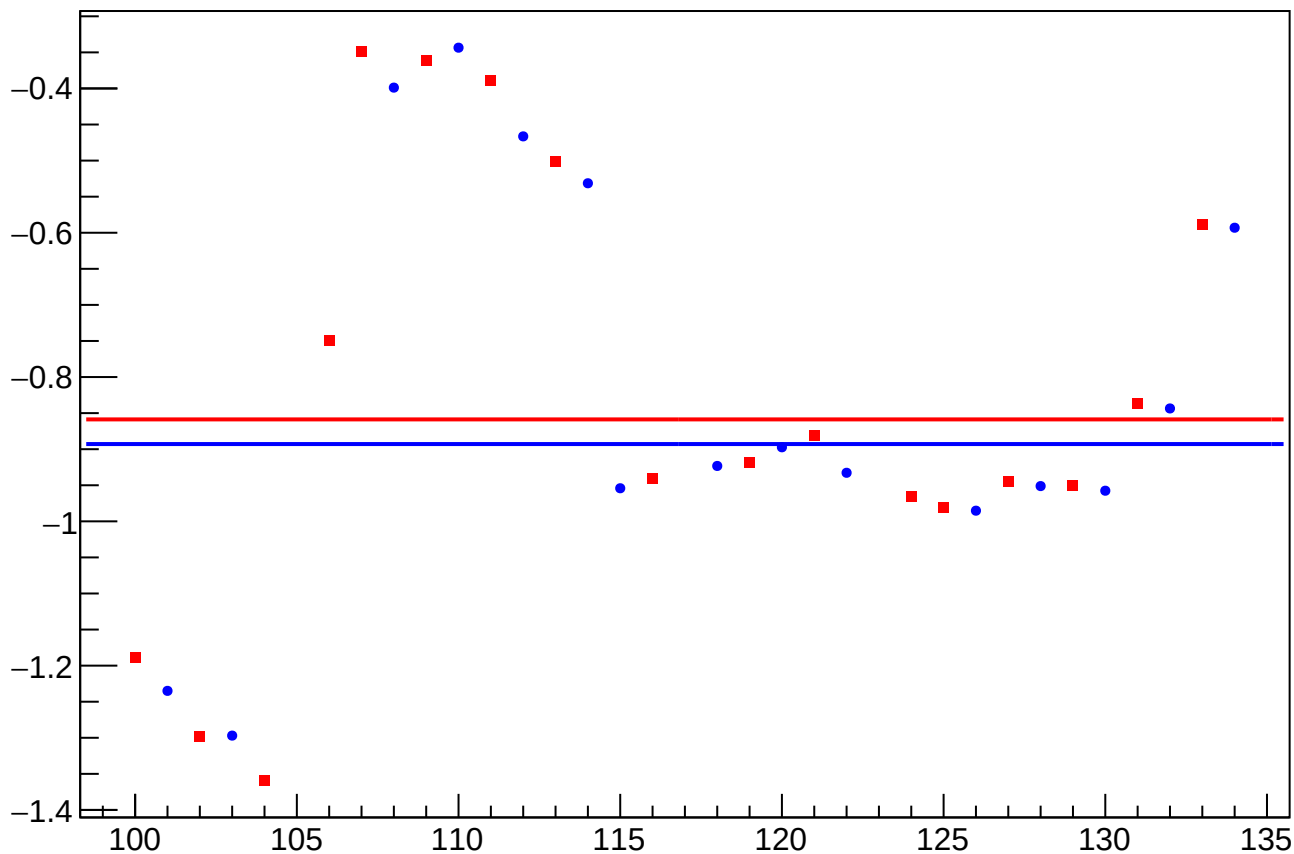
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 50802.3/31

- 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: -0.859+/-0.000 χ^2/NDF : 5983103387.2/16

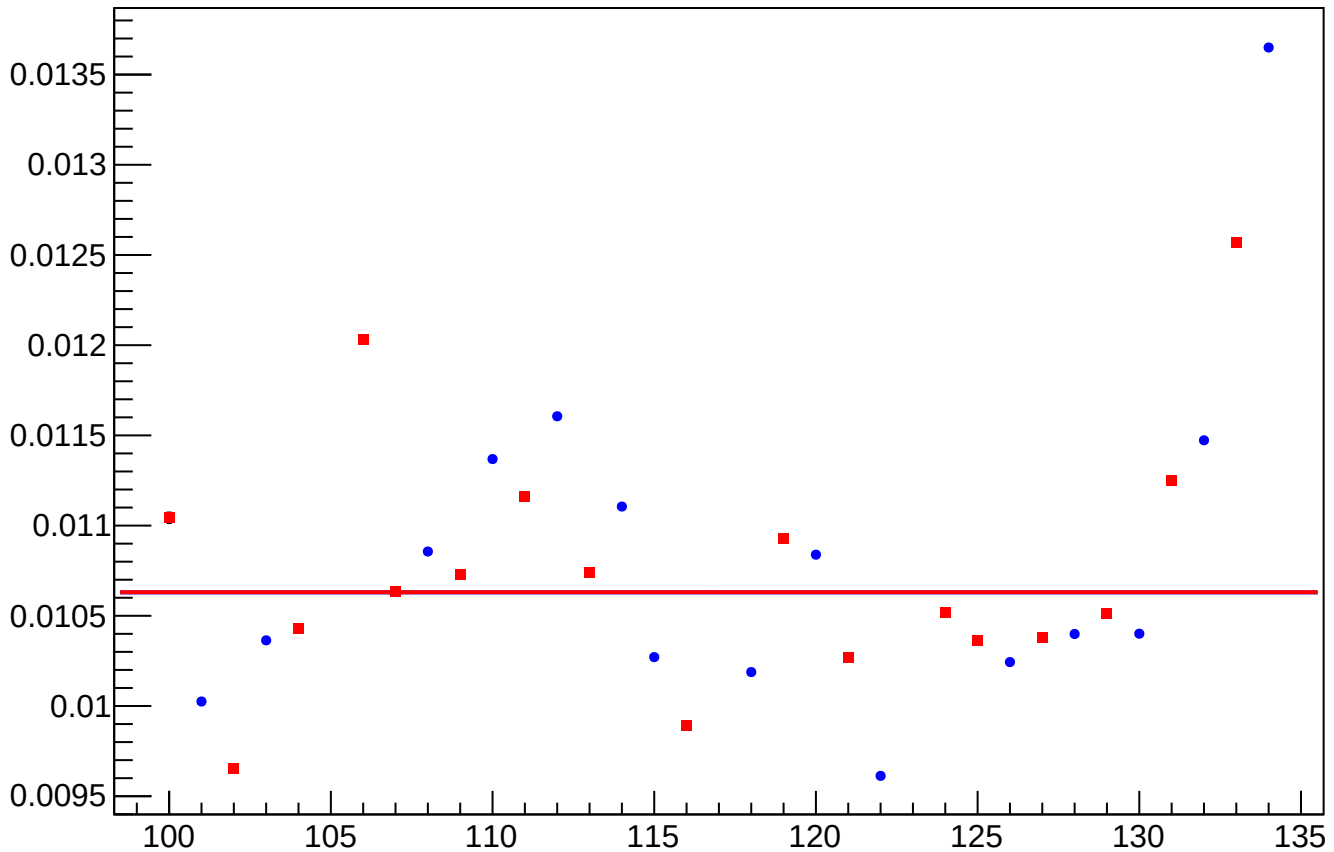
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.875+/-0.000 χ^2/NDF : 10378333897.2/14

- 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 : 50577.5/16

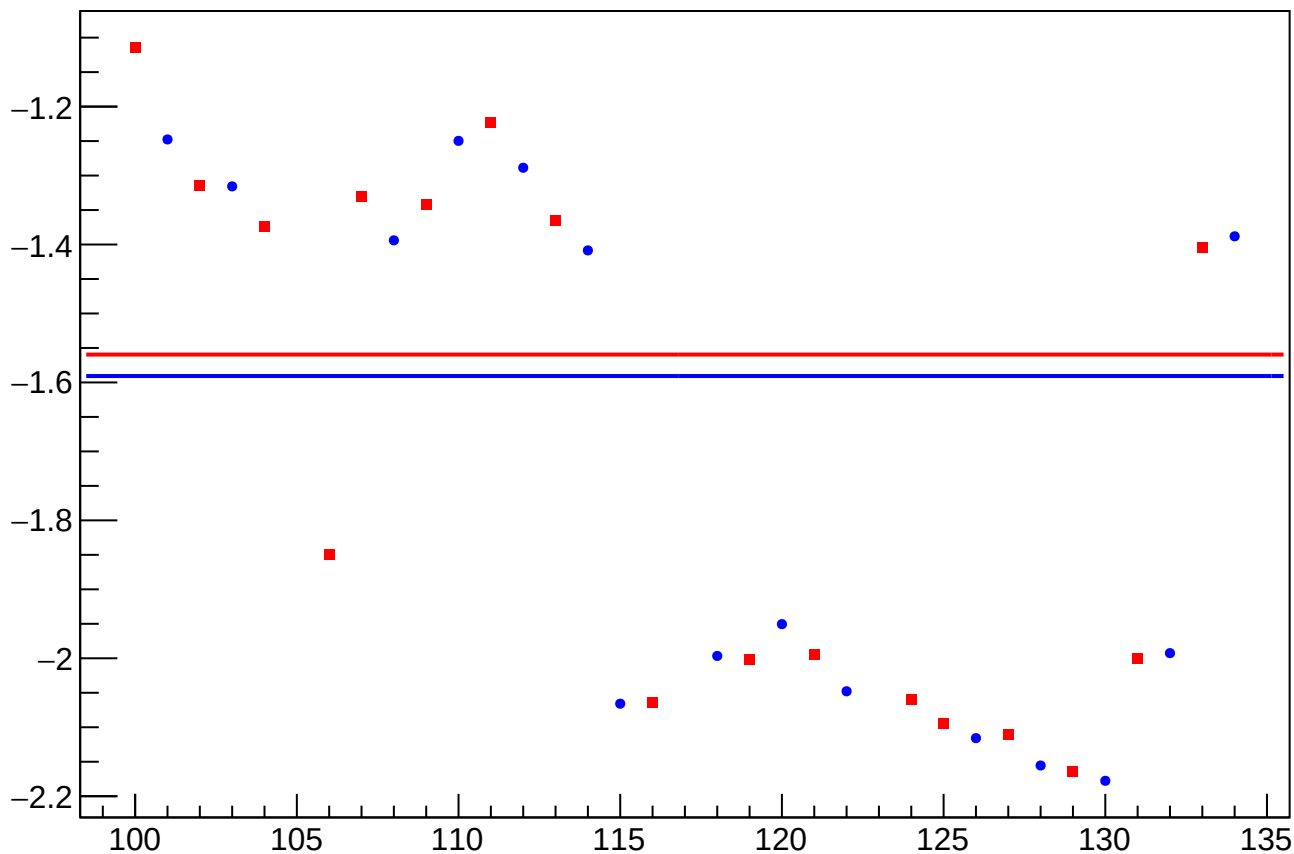
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 121824.5/31

- 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

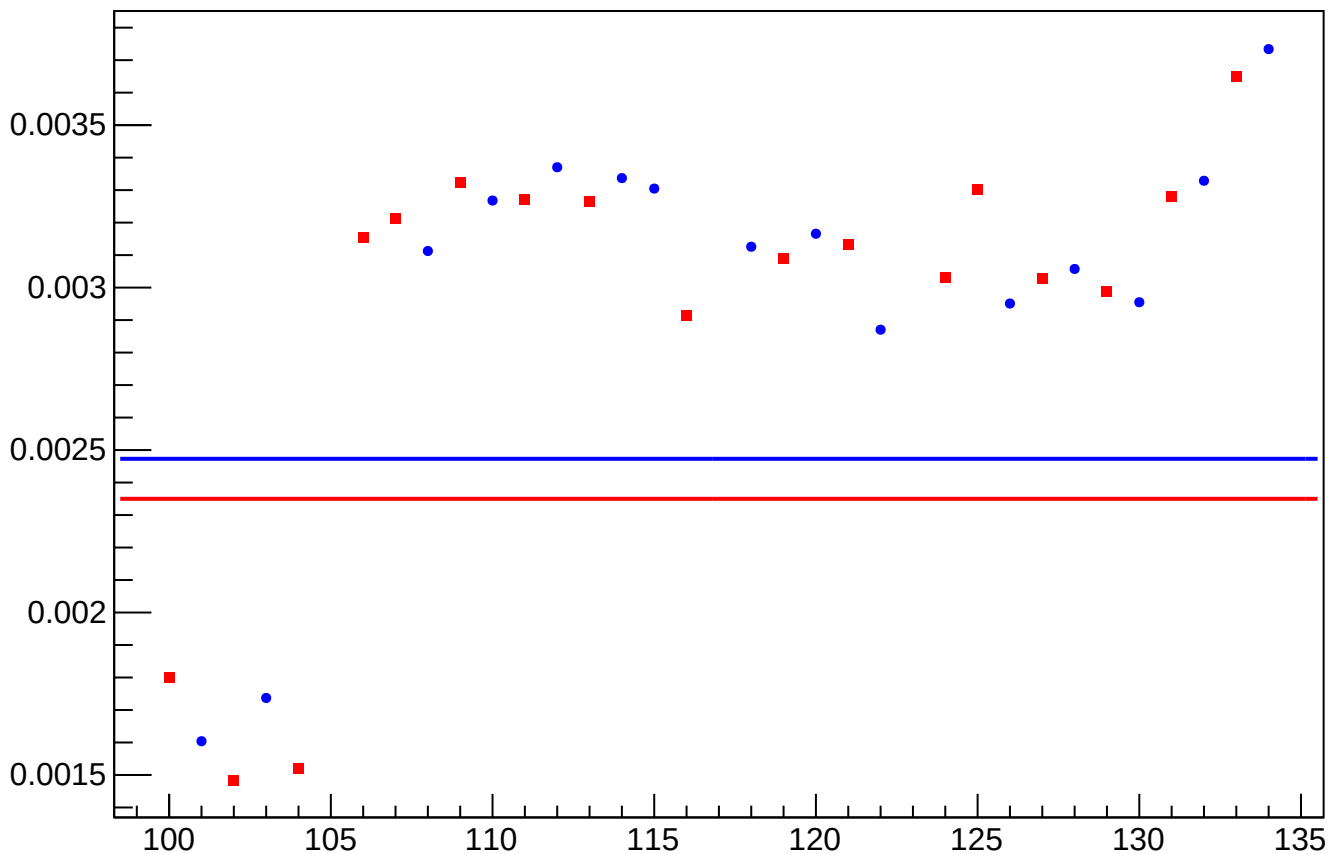
Right Out: -1.560+/-0.000 χ^2/NDF : 112484946248.9/16

All: -1.574+/-0.000 χ^2/NDF : 241527103073.4

- 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 : 1389146.0/16

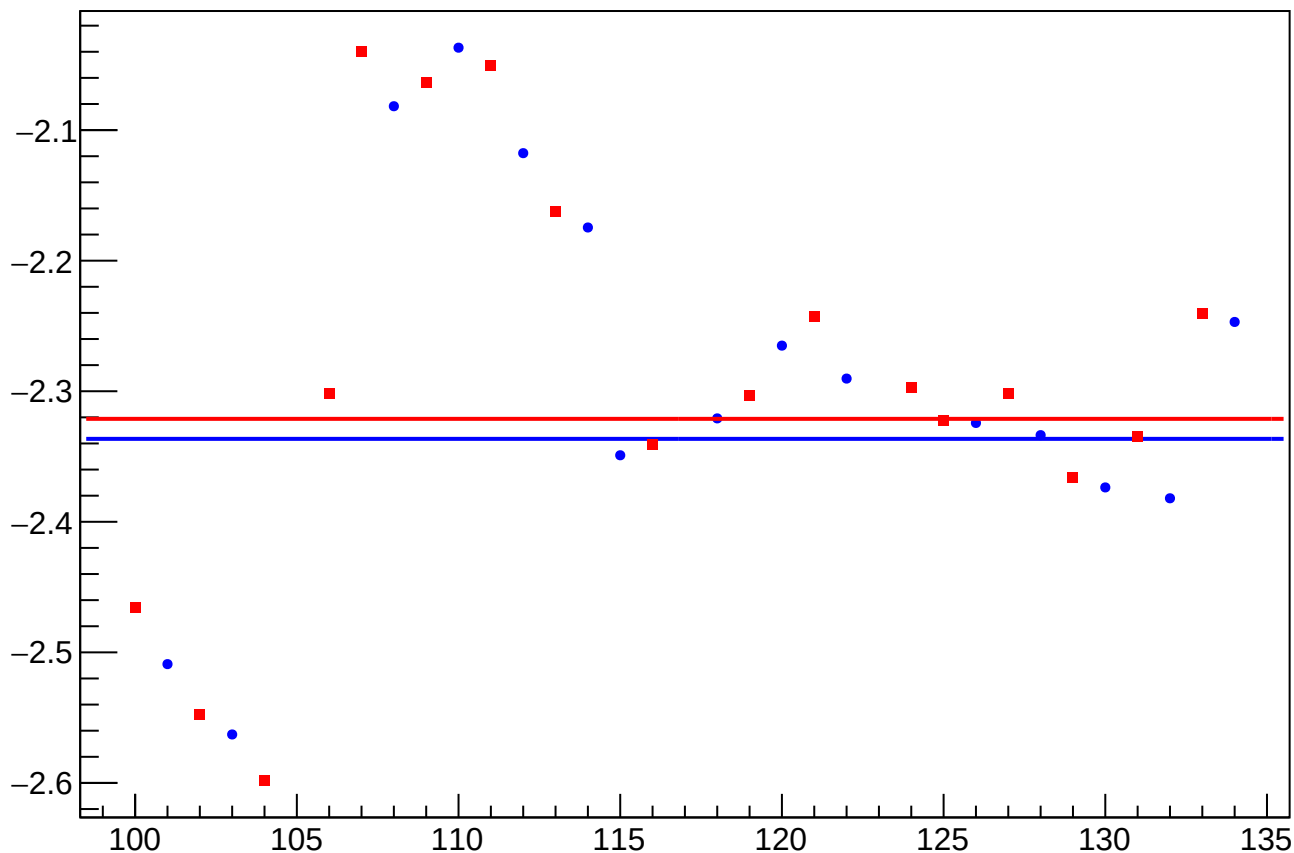
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2395145.0/31

- 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: -2.321+/-0.000 χ^2/NDF : 4597503379.4/16

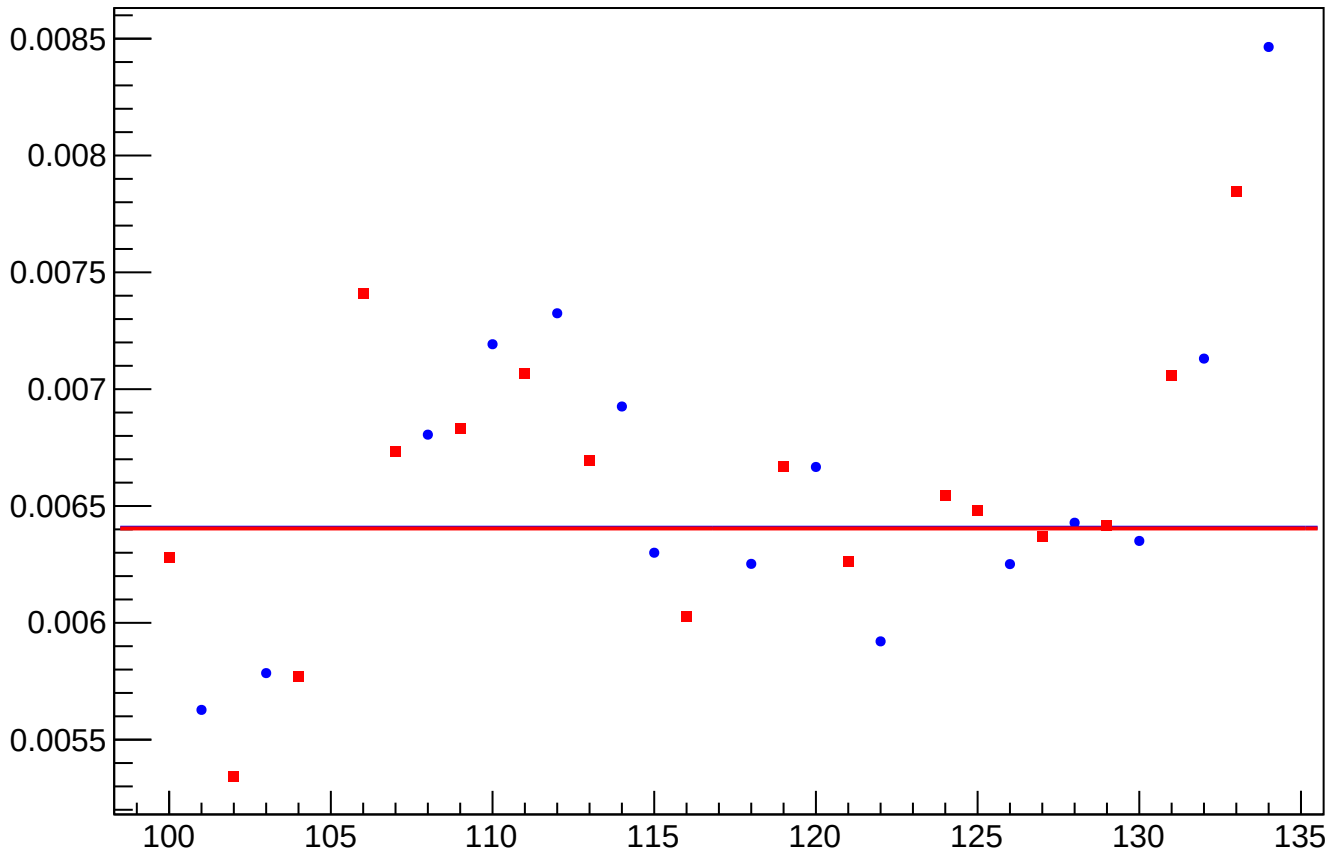
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.329+/-0.000 χ^2/NDF : 7908875041.5/3

- 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 : 126085.9/16

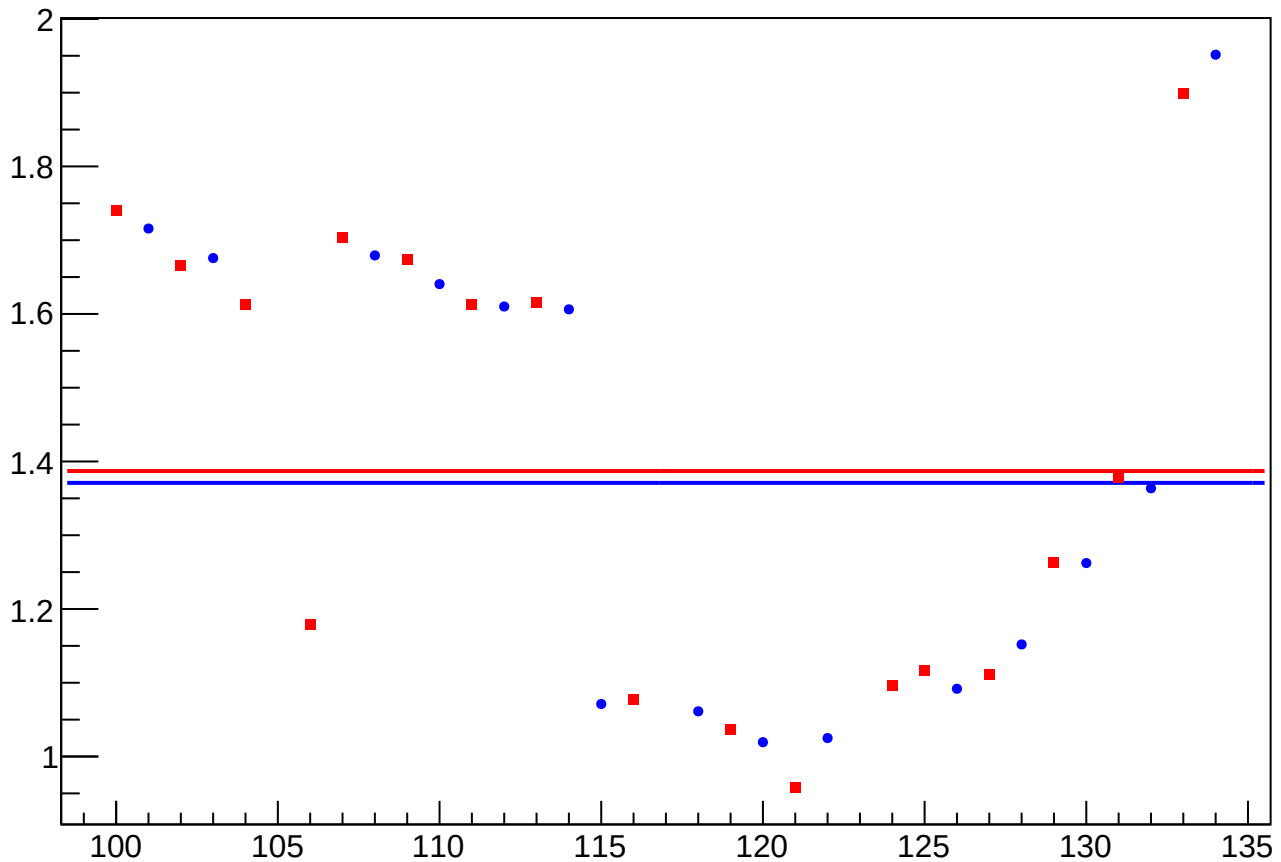
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 252391.3/31

- 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: 1.387+/-0.000 χ^2/NDF : 128674712986.0/16

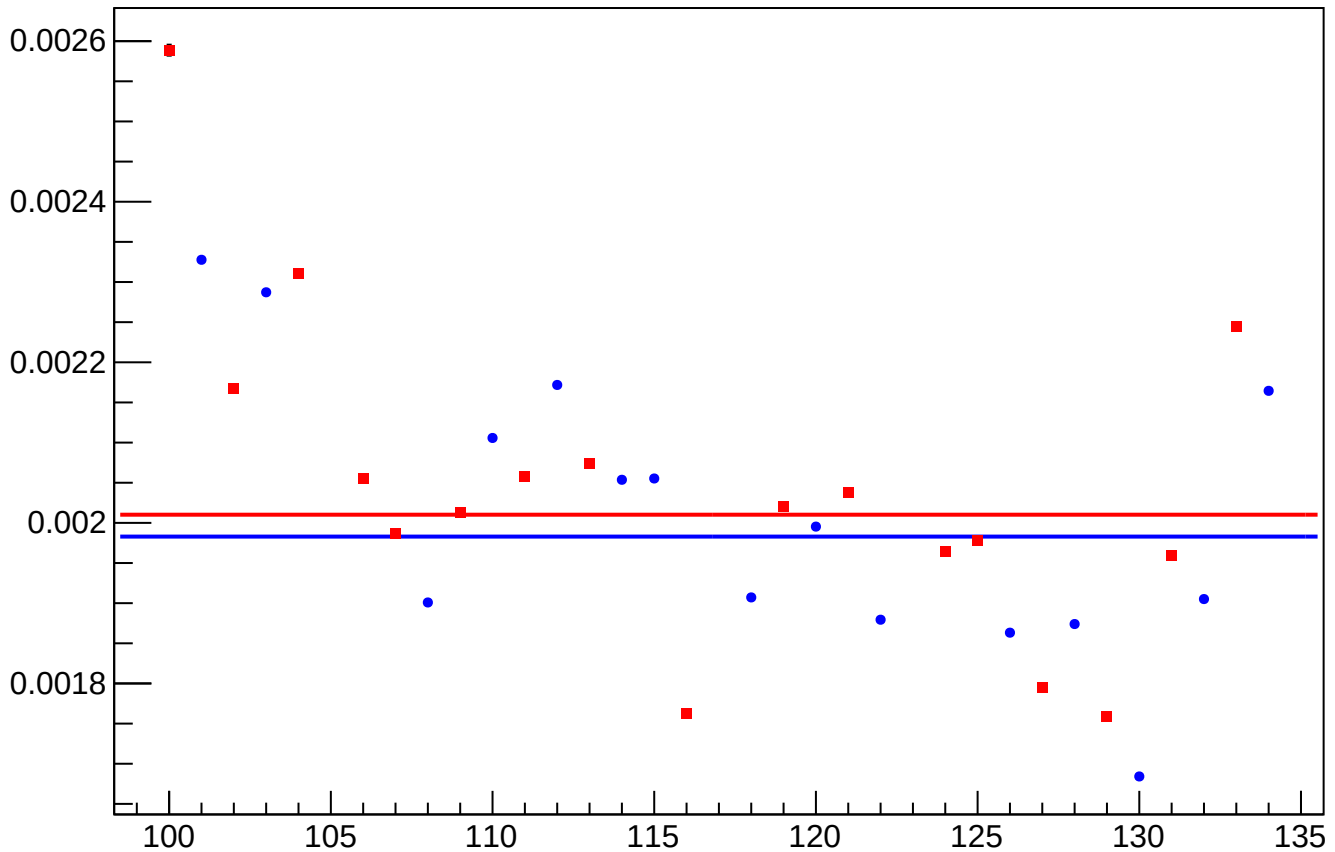
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.379+/-0.000 χ^2/NDF : 256493365025.0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01aY_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 106984.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 81892.2/16

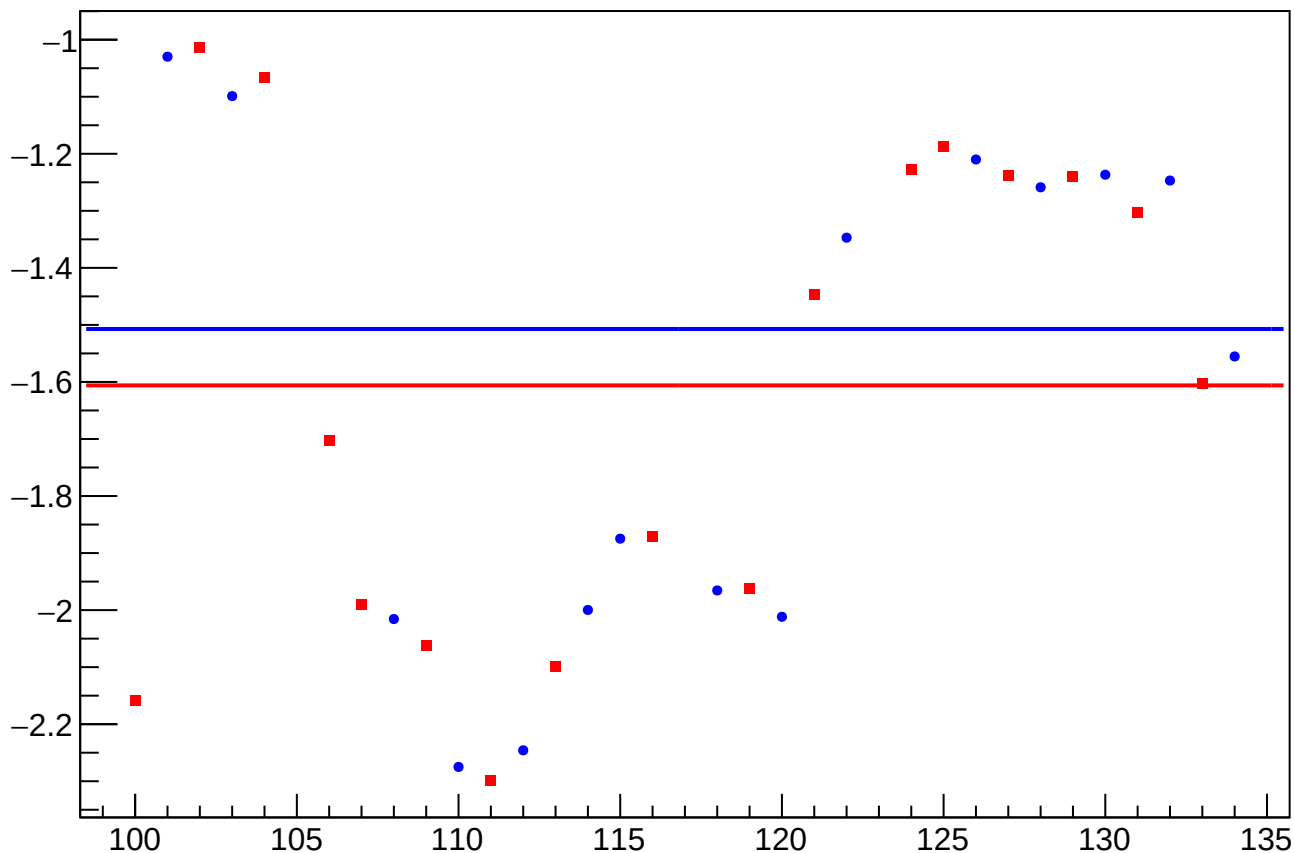
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 189990.6/31

- sign 0.000+/-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

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.606 ± 0.000 χ^2/NDF : 28262505207.7/16

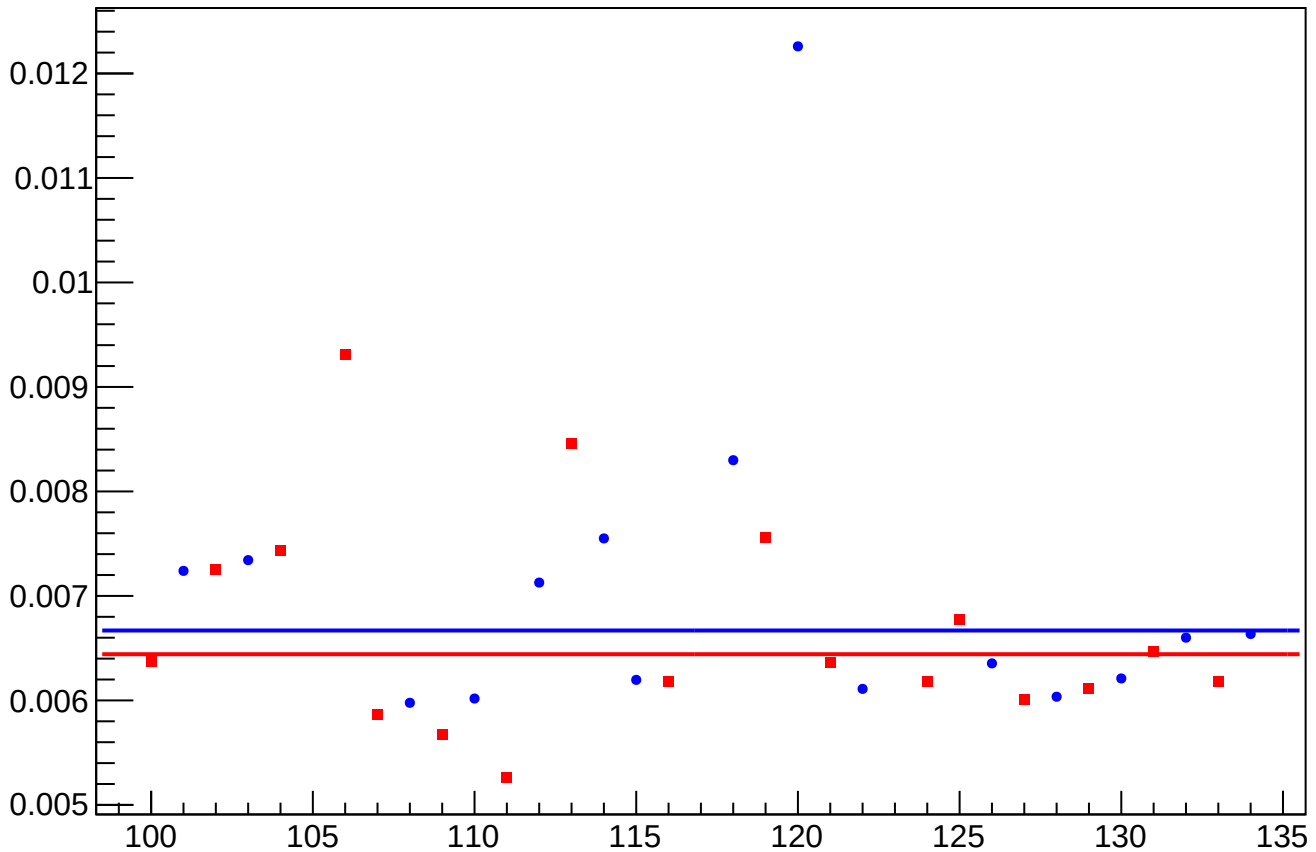
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.561 ± 0.000 χ^2/NDF : 51788119541.7

- sign 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: 0.006+/-0.000 χ^2/NDF : 222351.7/16

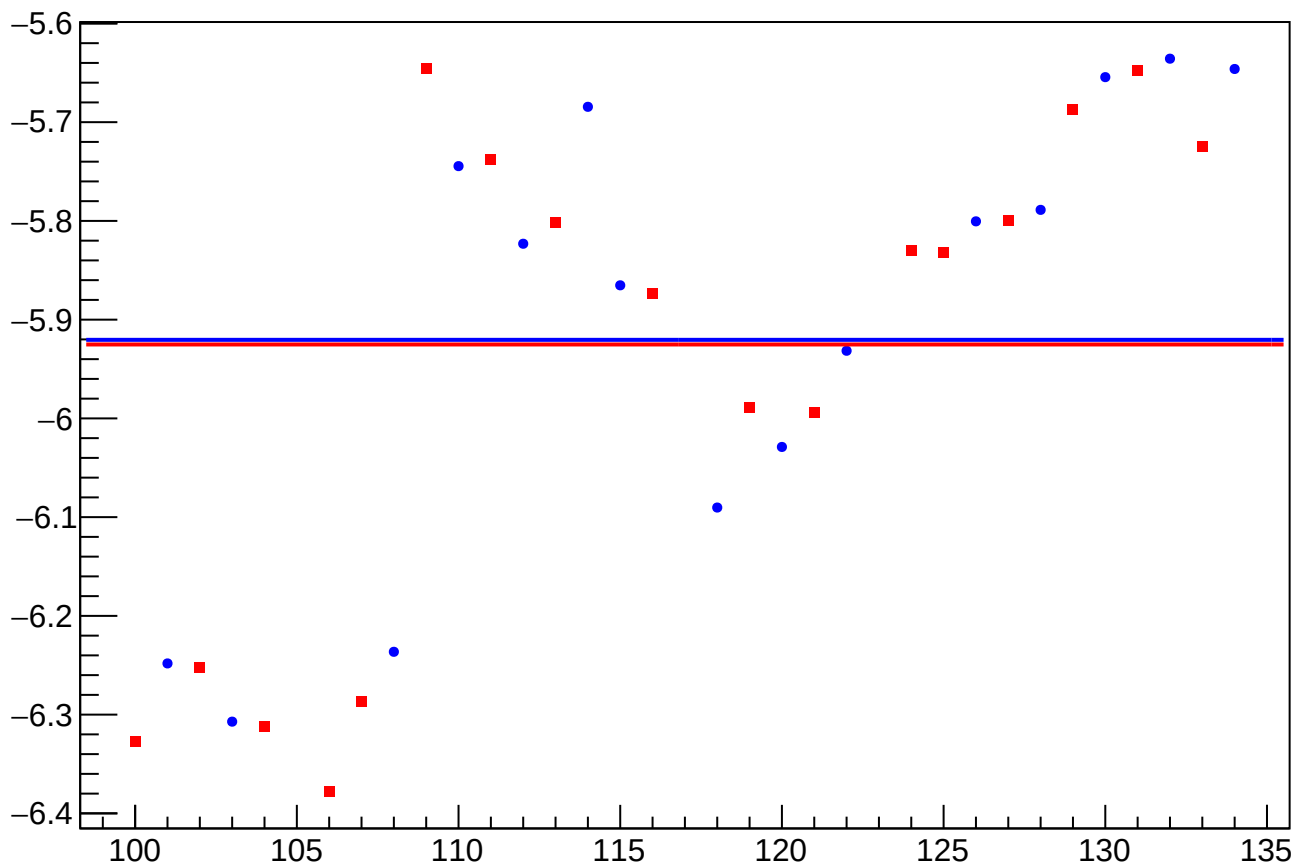
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 446398.0/31

- 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

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.925+/-0.000 χ^2/NDF : 12587540658.4/16

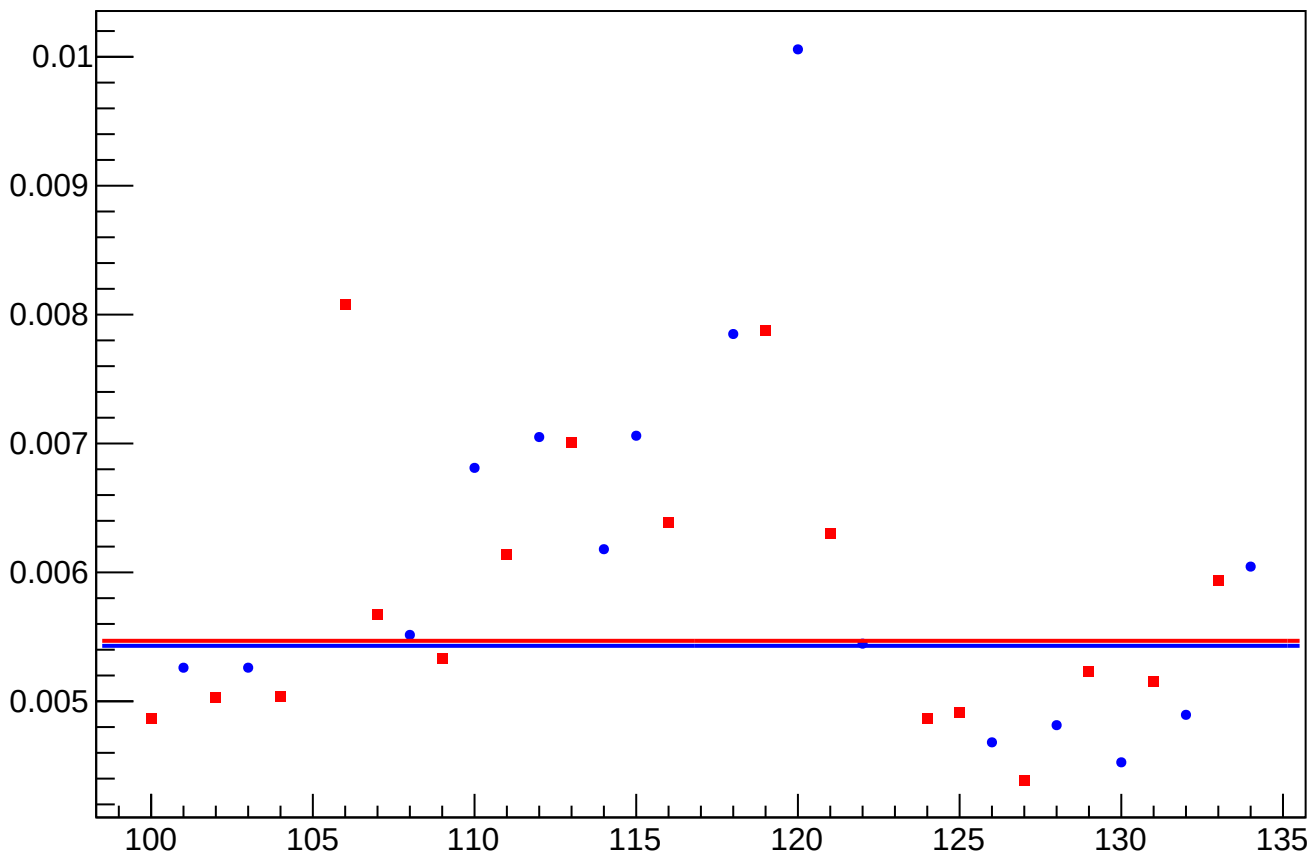
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.923+/-0.000 χ^2/NDF : 24328784078.9/30

- sign 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: 0.005+/-0.000 χ^2/NDF : 306123.8/16

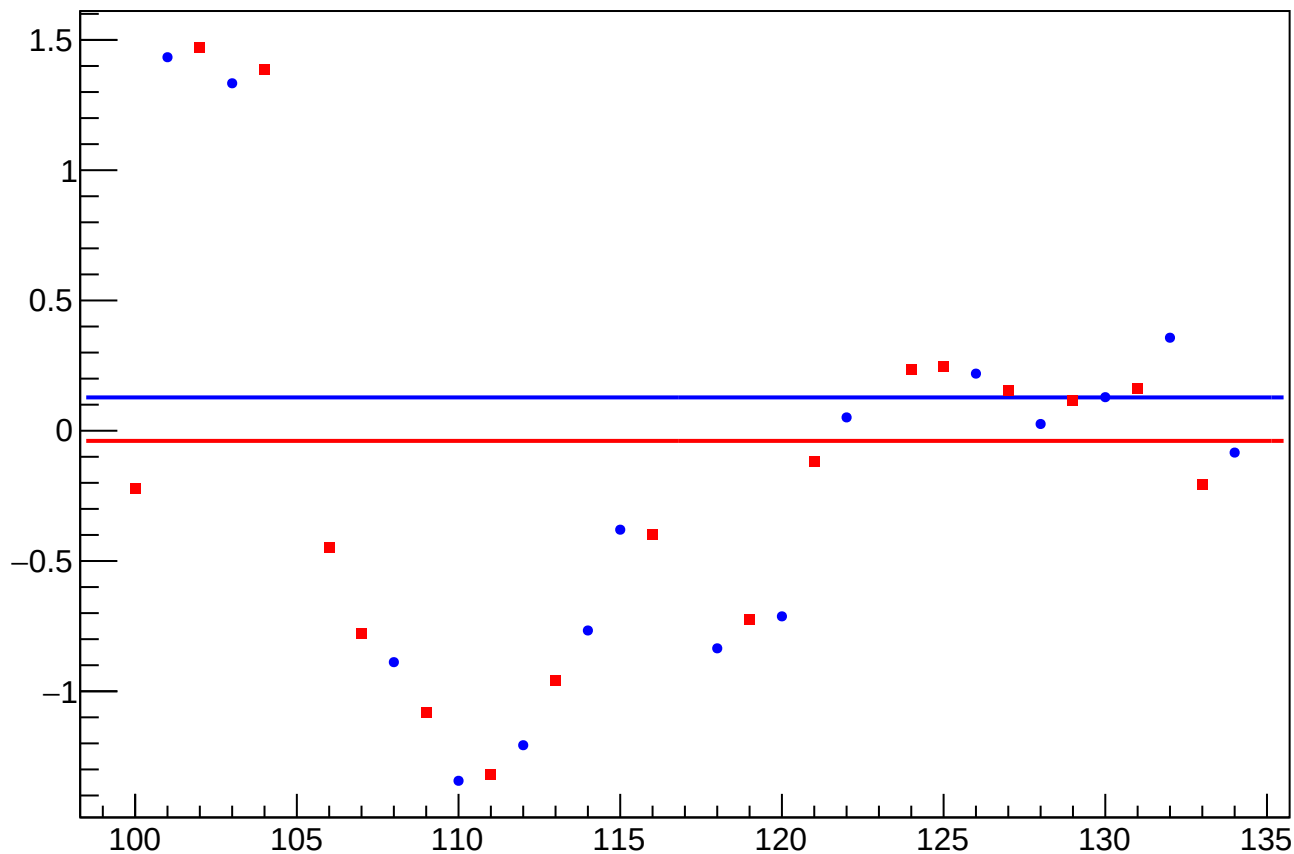
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 691465.3/31

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

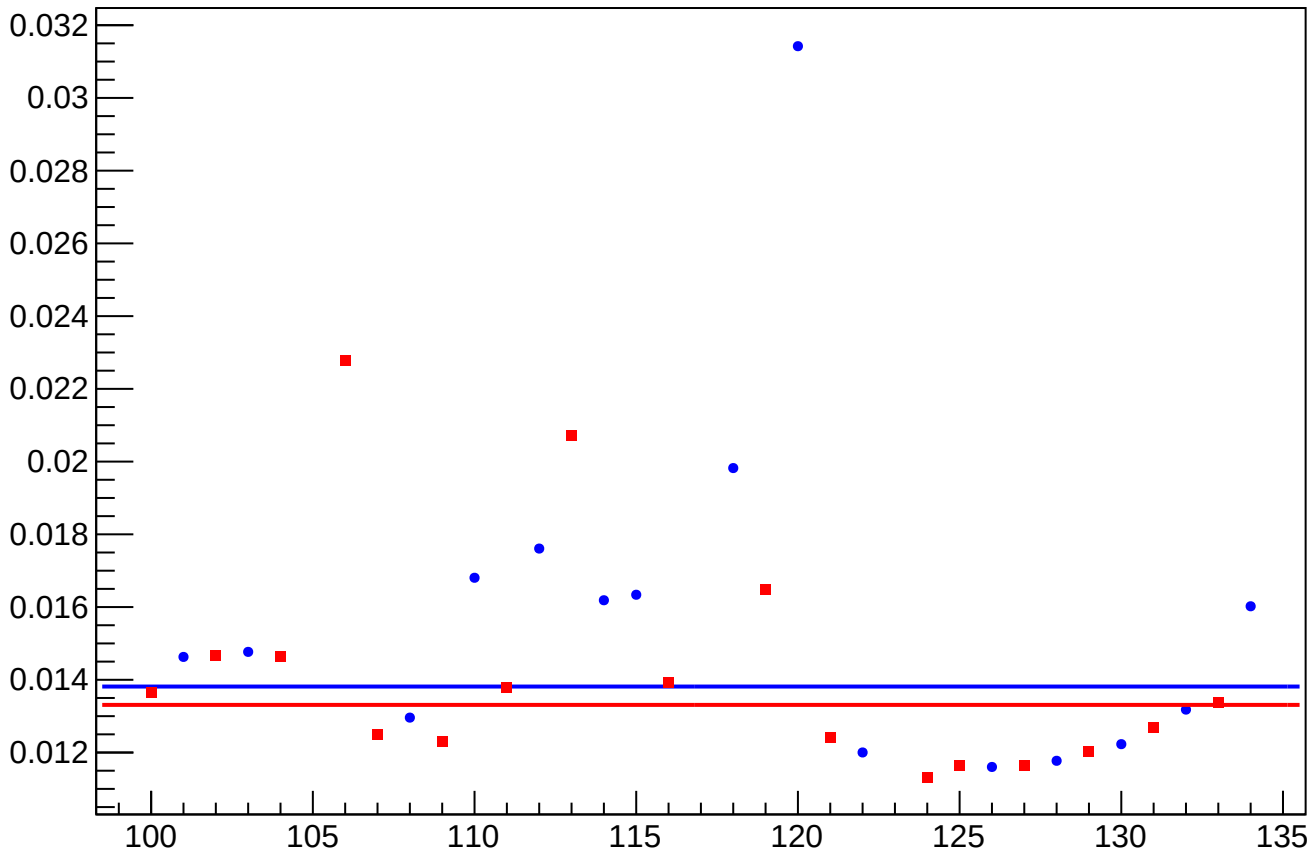
Right Out: -0.039+/-0.000 χ^2/NDF : 22154299444.3/16

All: 0.037+/-0.000 χ^2/NDF : 40169399569.5/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 : 280350.3/16

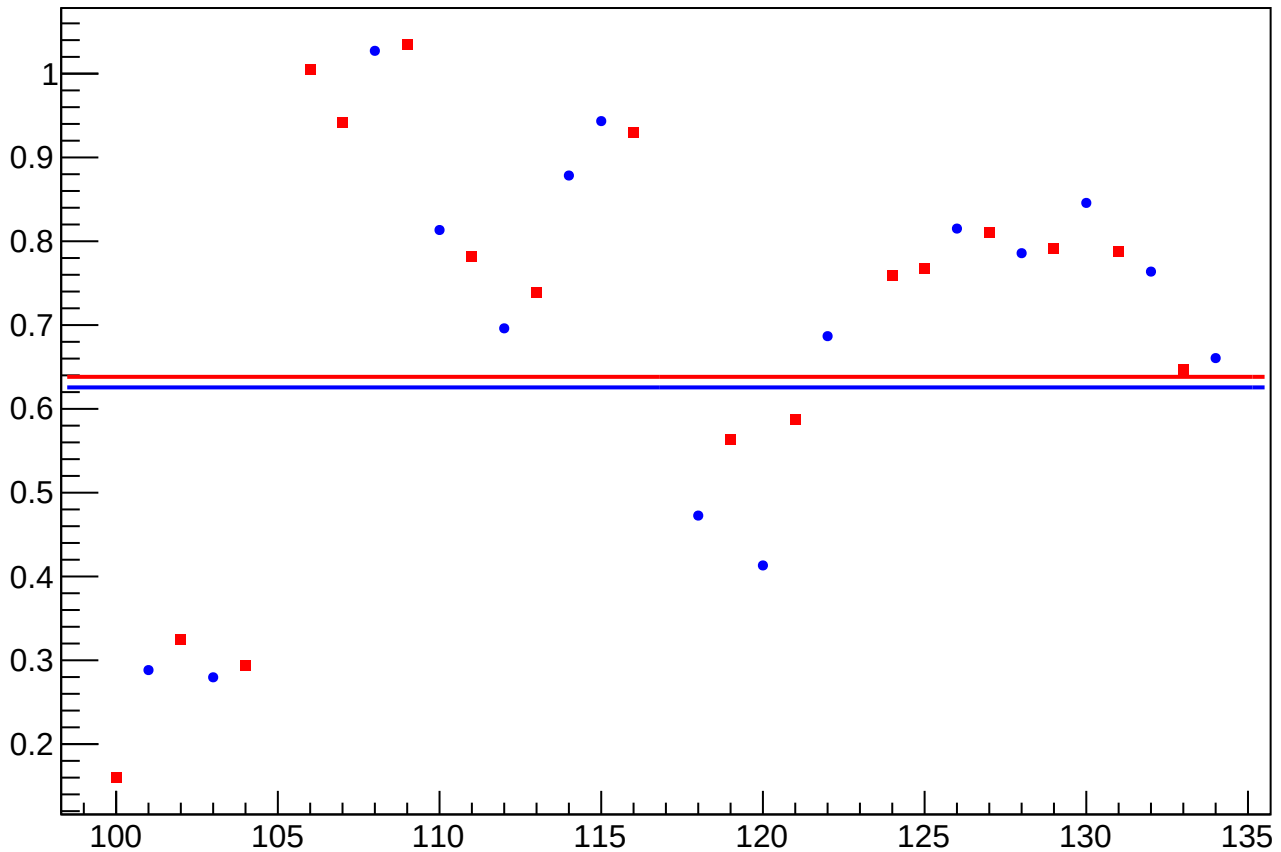
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 713210.2/31

- 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: 0.638+/-0.000 χ^2/NDF : 5903240479.7/16

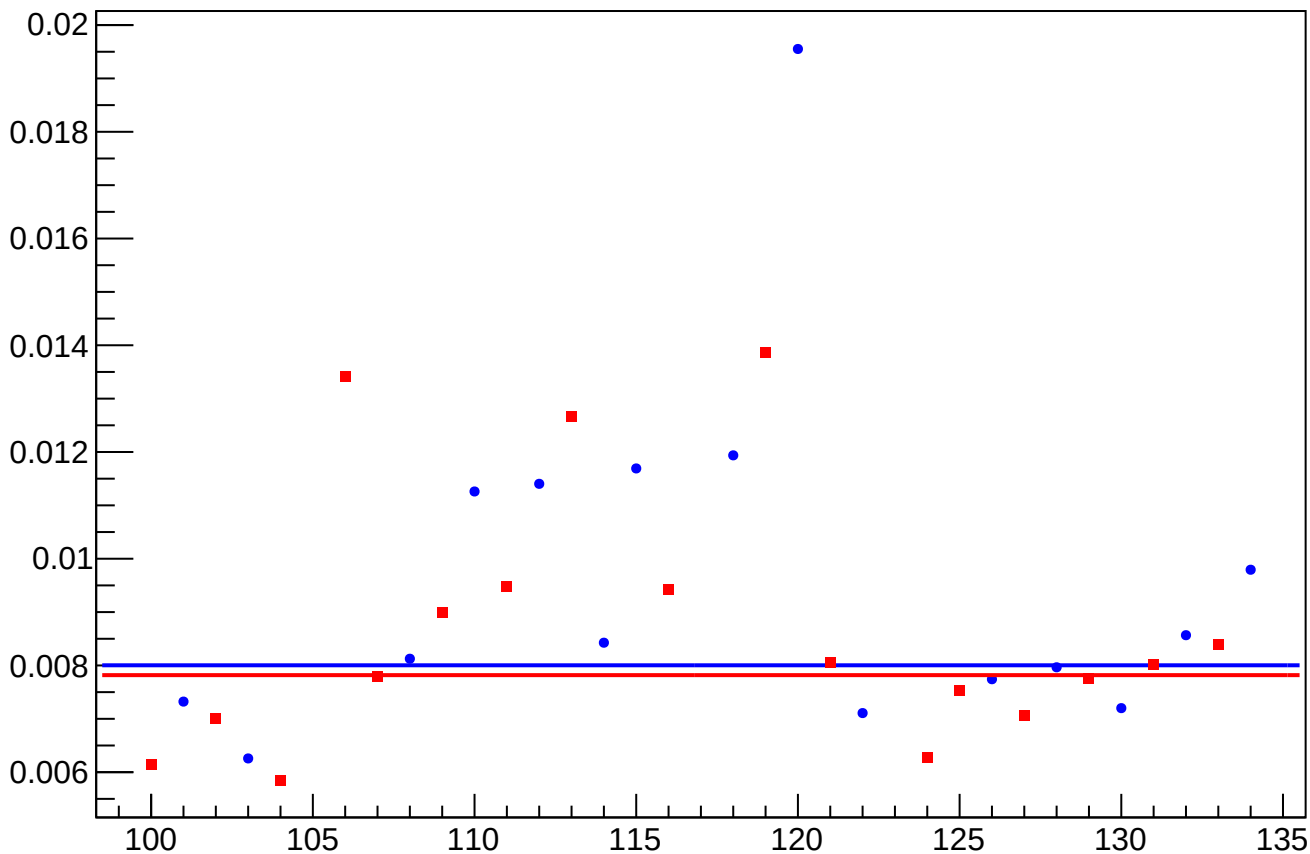
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.632+/-0.000 χ^2/NDF : 11401567332.4/3

- 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 : 582598.0/16

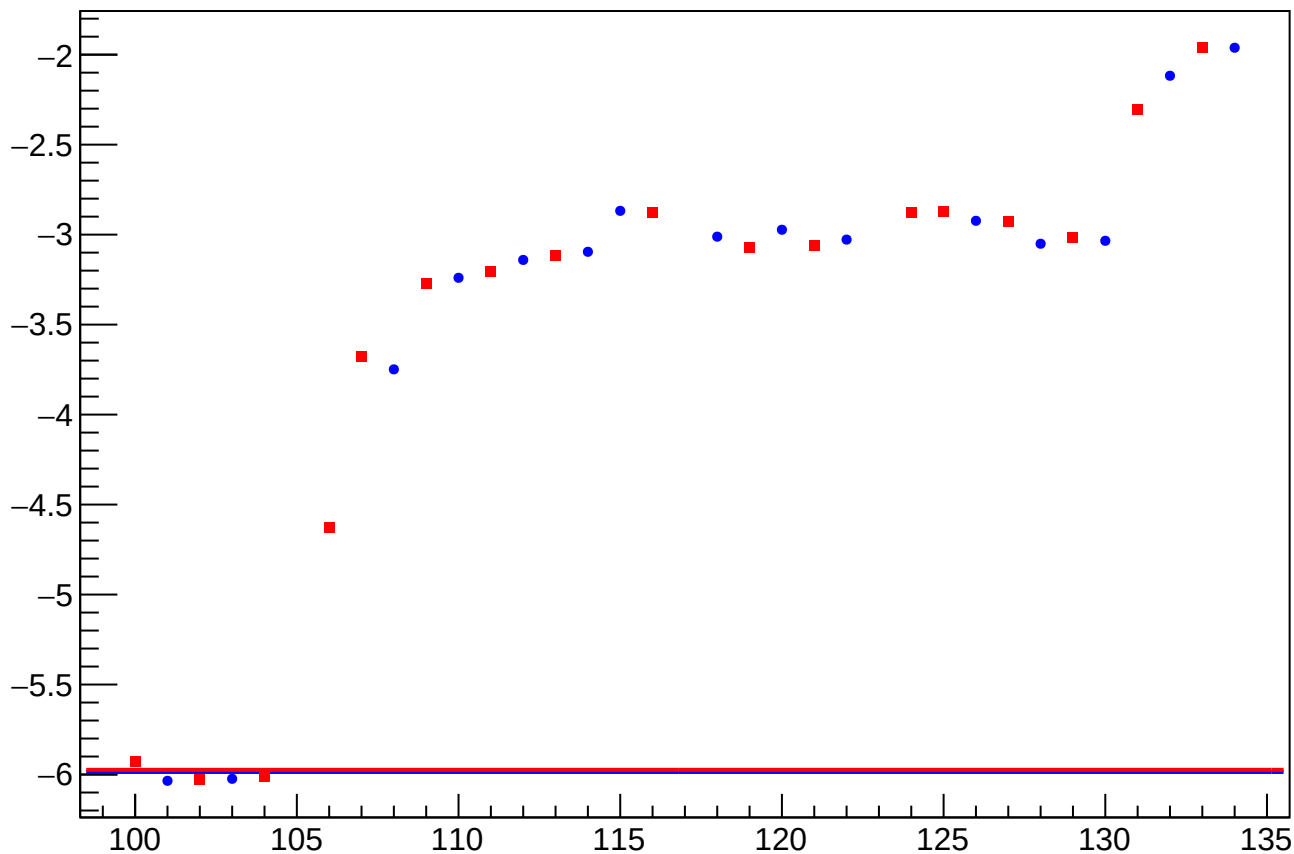
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 1180178.6/31

- 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: -5.974+/-0.000 χ^2/NDF : 5748216152.6/16

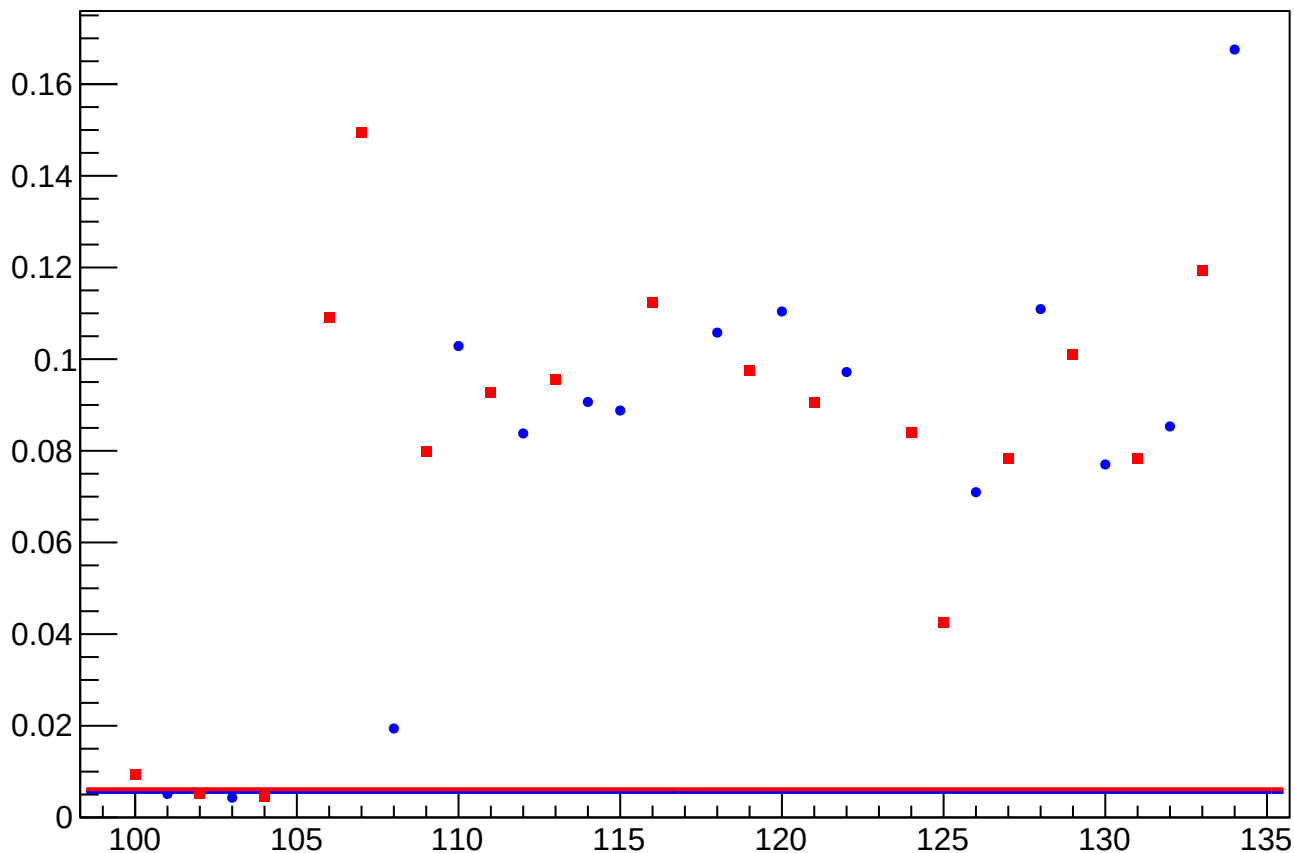
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.980+/-0.000 χ^2/NDF : 12015447018.5

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l03X_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 7684731.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 8255864.8/16

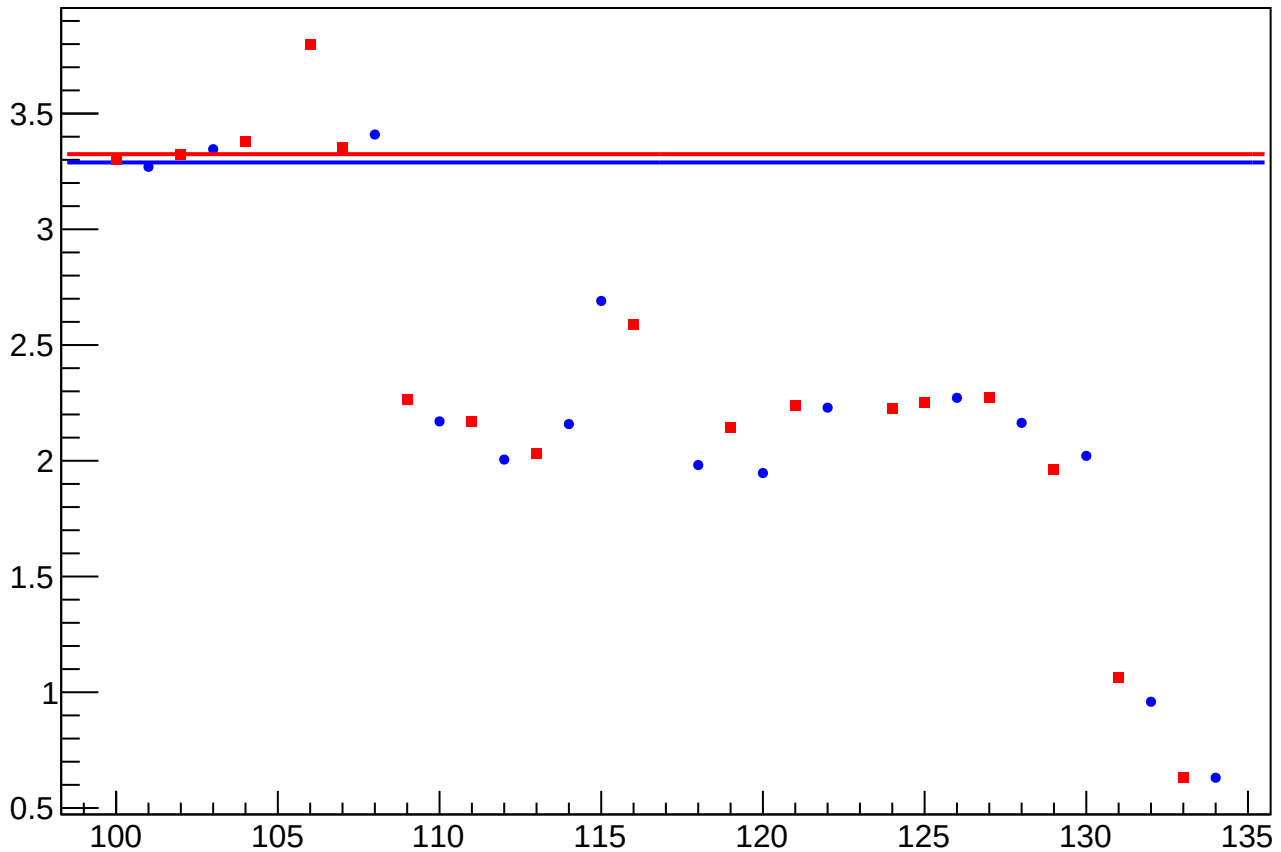
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 15956056.5/31

- sign 0.000+/-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: 3.325+/-0.000 χ^2/NDF : 1060380985.0/16

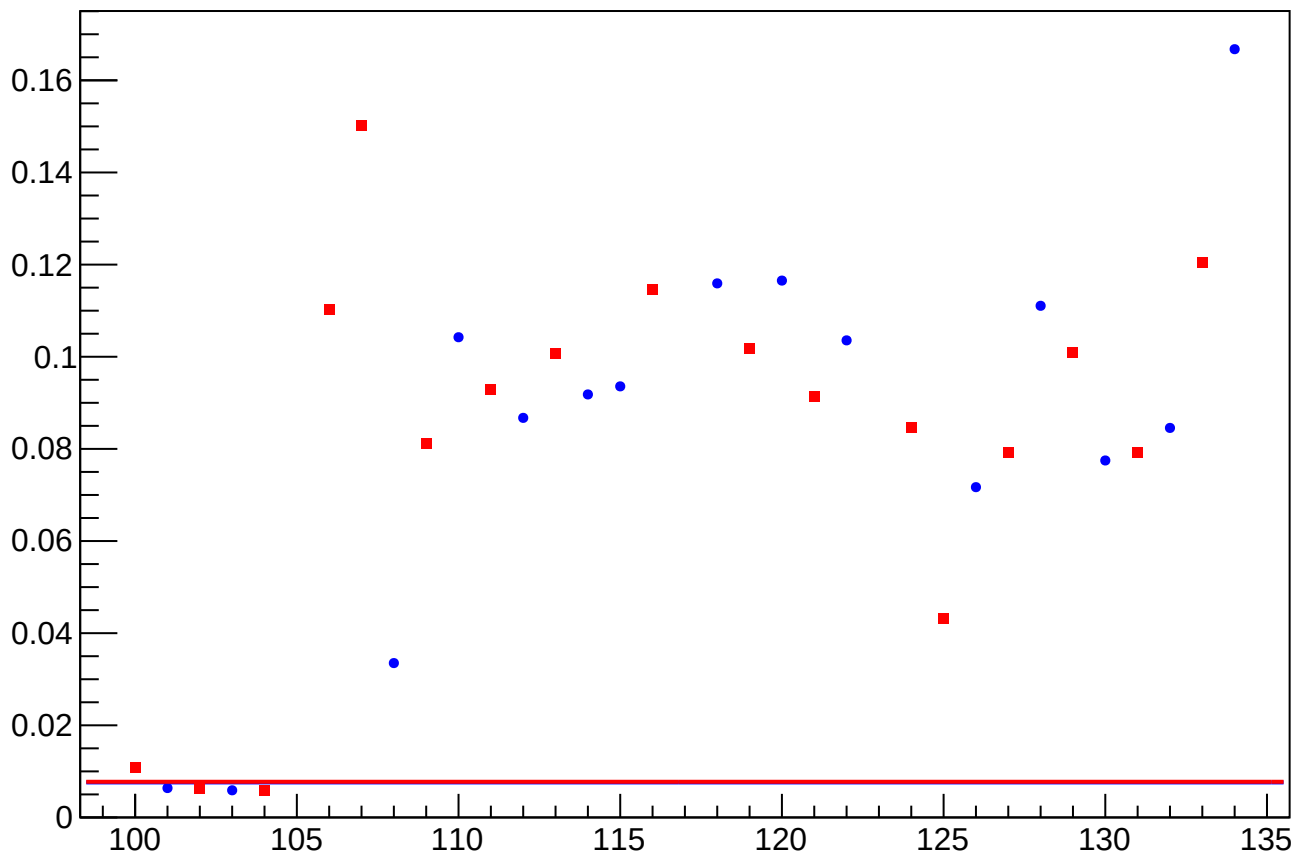
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.306+/-0.000 χ^2/NDF : 2082773990.1/31

- 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 : 8003121.7/16

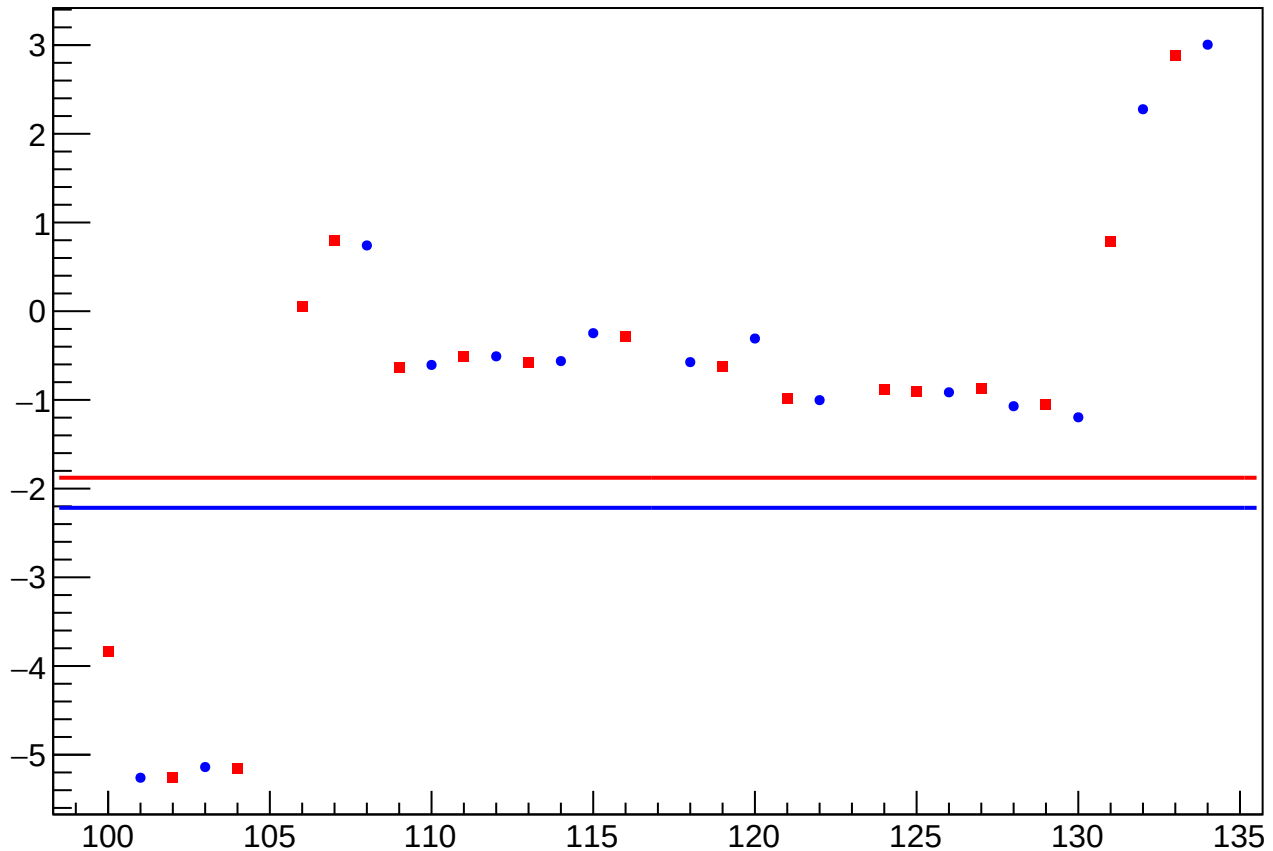
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 15531030.2/31

- 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

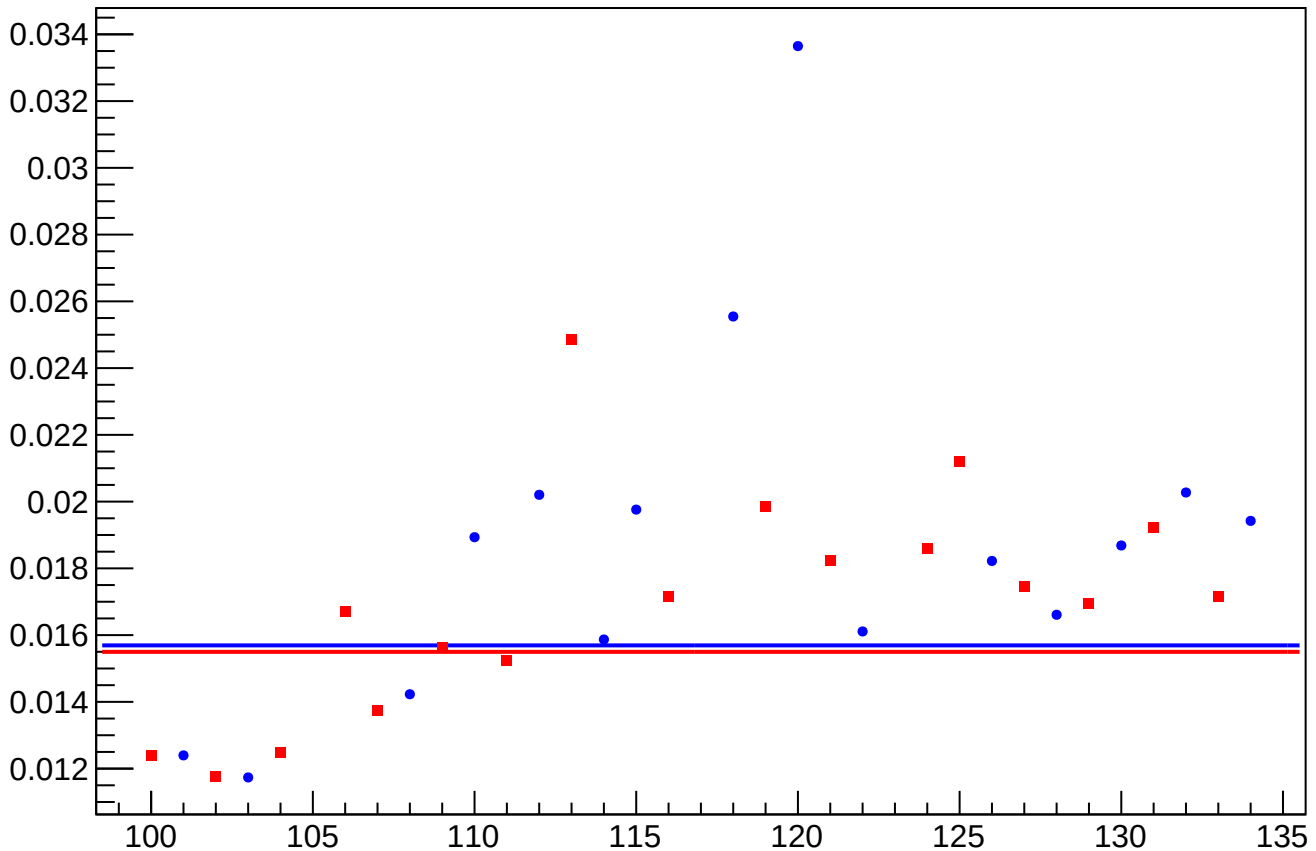
Right Out: -1.878+/-0.000 χ^2/NDF : 156728563232.3/16

All: -2.034+/-0.000 χ^2/NDF : 305378548635.2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_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: 0.015+/-0.000 χ^2/NDF : 469151.2/16

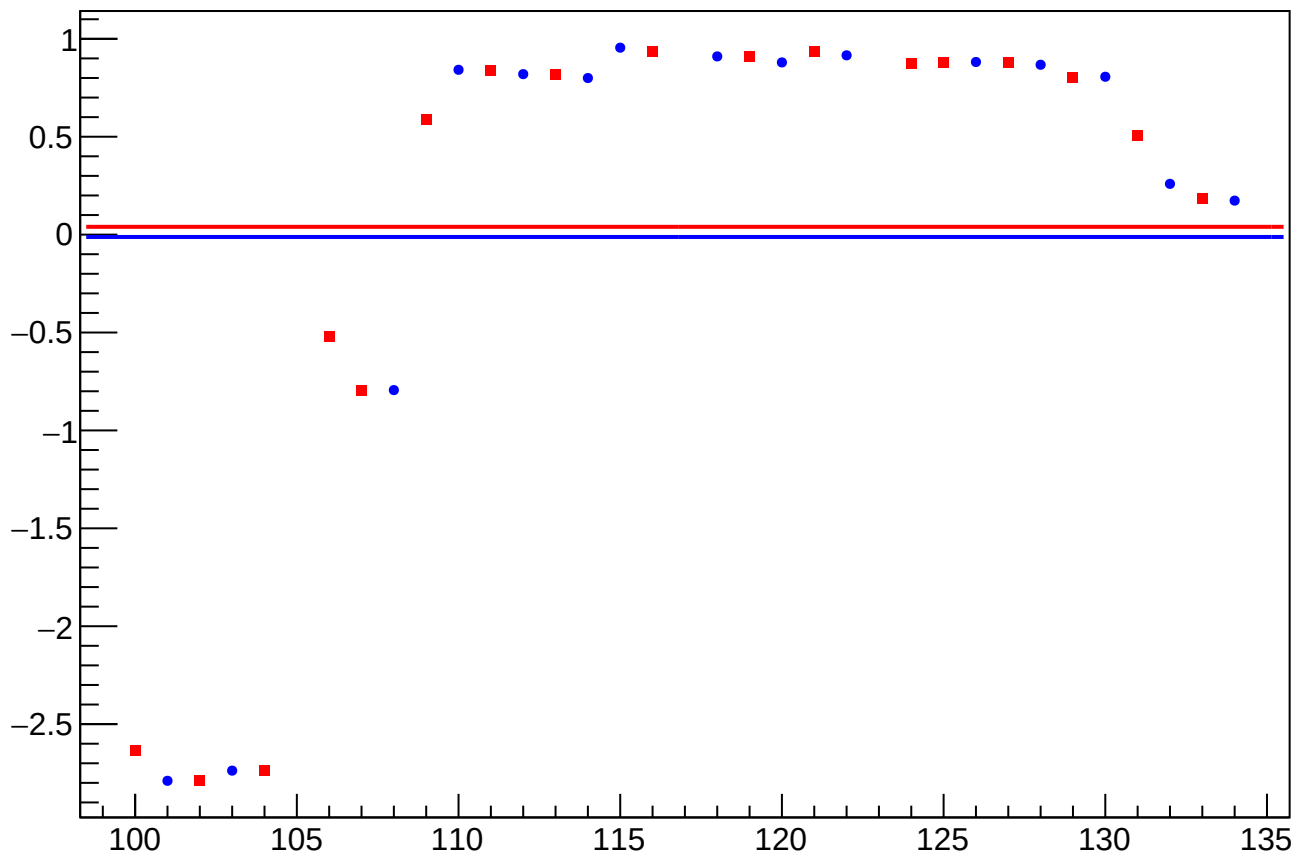
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 1149675.9/31

- 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

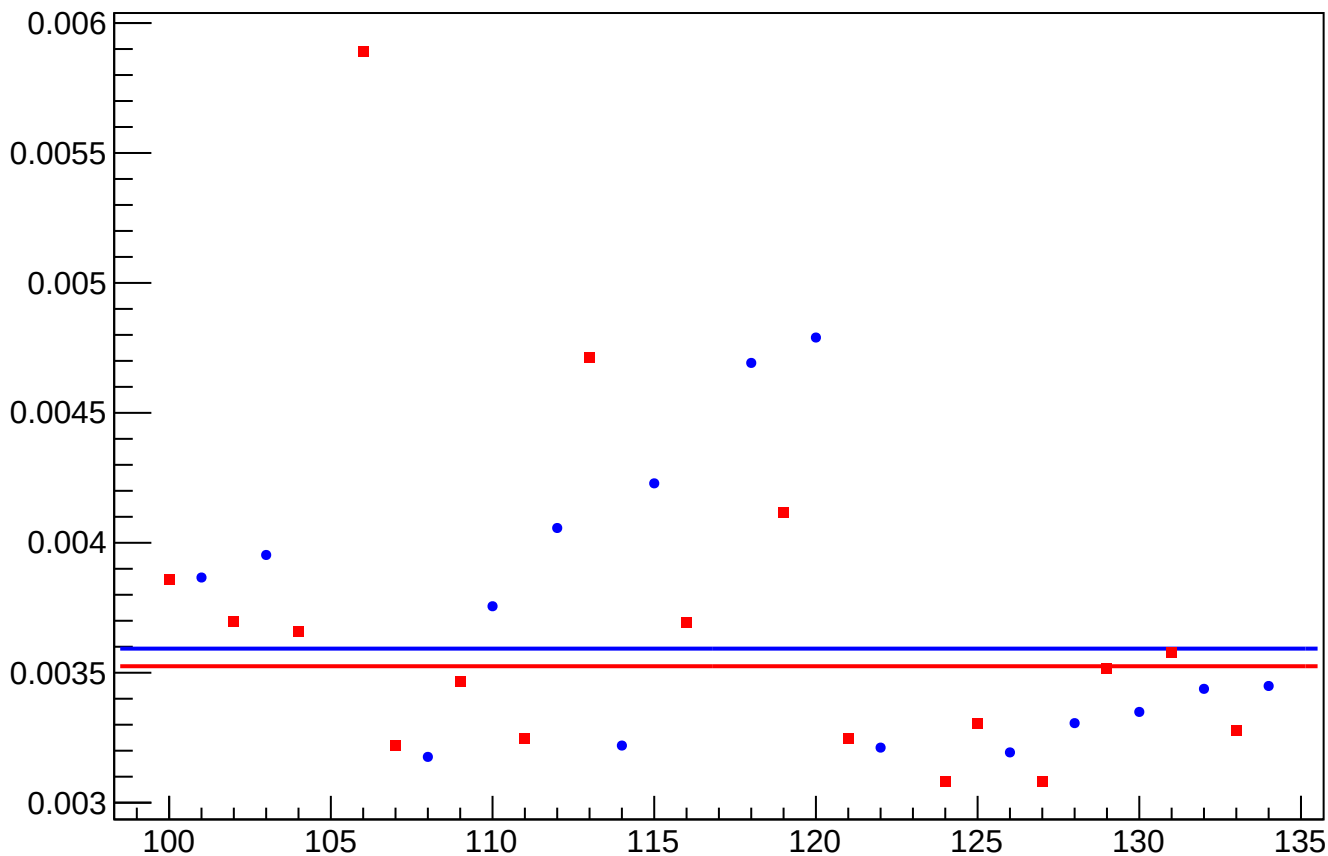
Right Out: 0.040+/-0.000 χ^2/NDF : 931578672283.4/16

All: 0.015+/-0.000 χ^2/NDF : 1777284335286.

- 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 : 219741.2/16

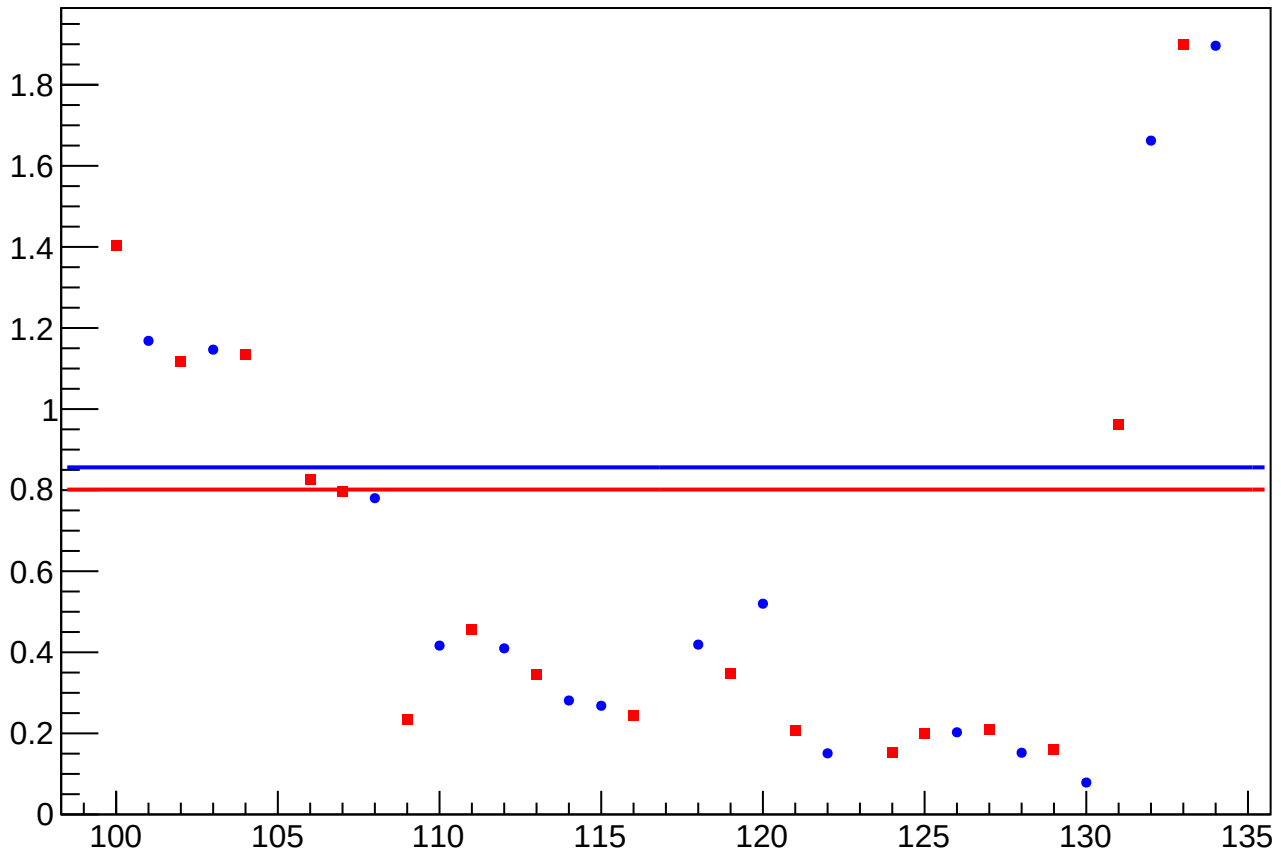
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 402366.4/31

- 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: 0.801+/-0.000 χ^2/NDF : 33240169218.1/16

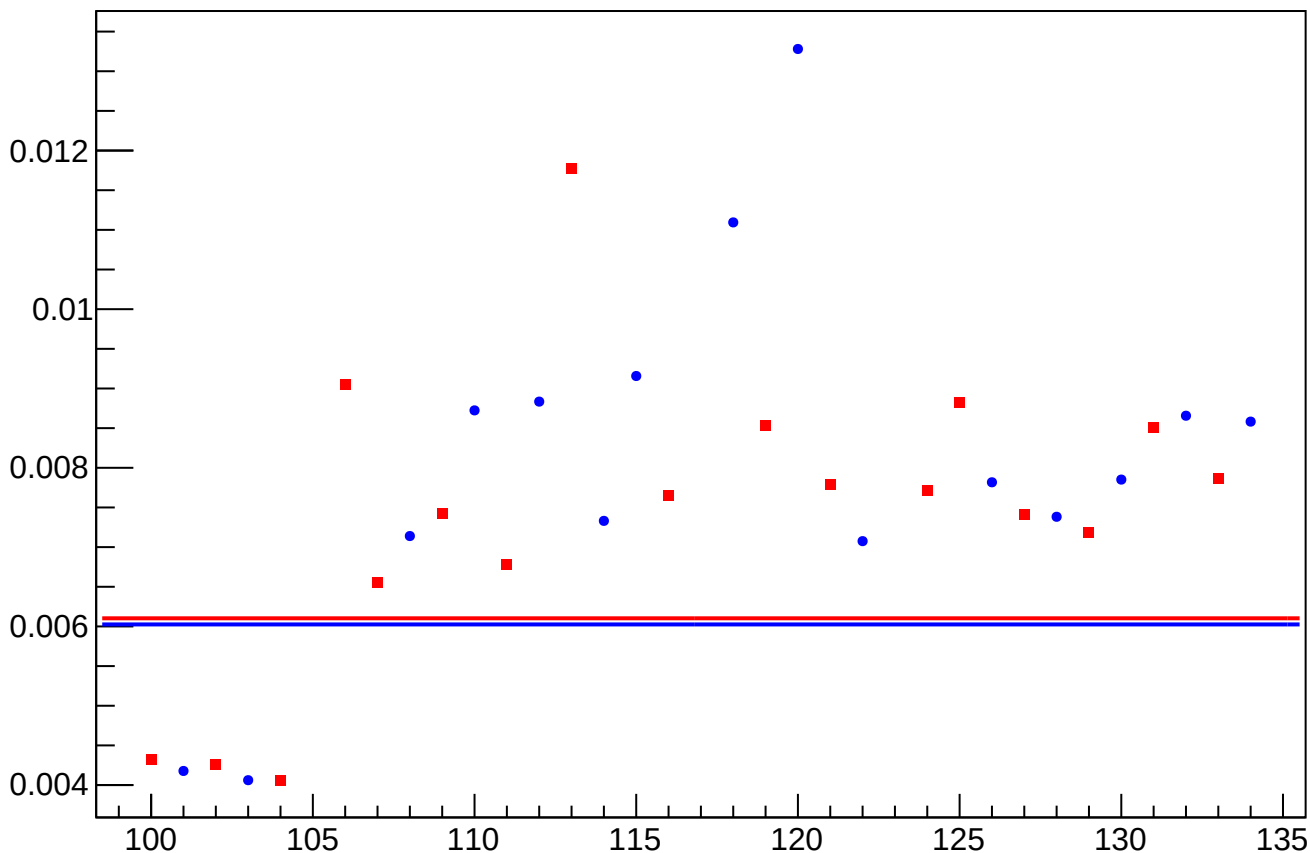
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.828+/-0.000 χ^2/NDF : 65786764637.2/3

- 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 : 1098214.7/16

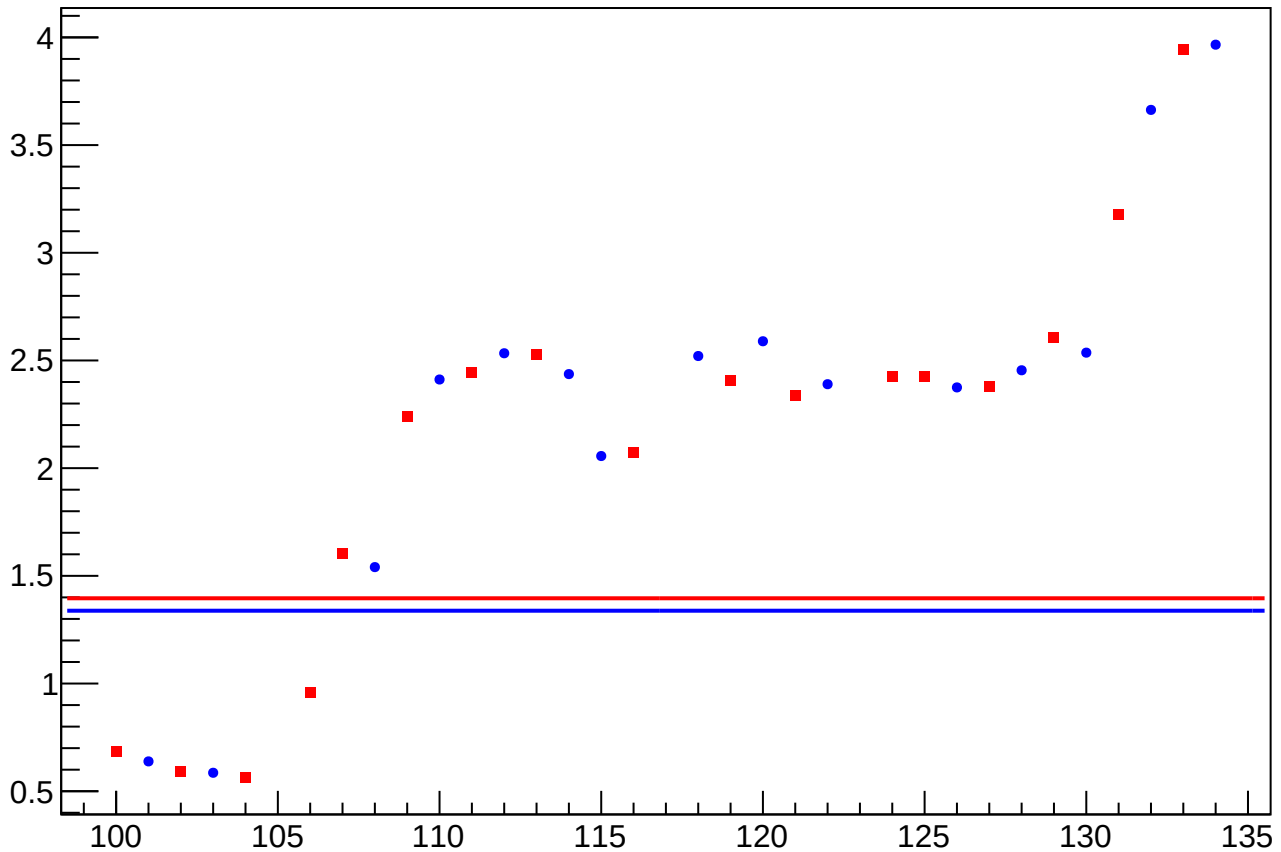
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2408370.8/31

- 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: 1.396+/-0.000 χ^2/NDF : 162596979359.0/16

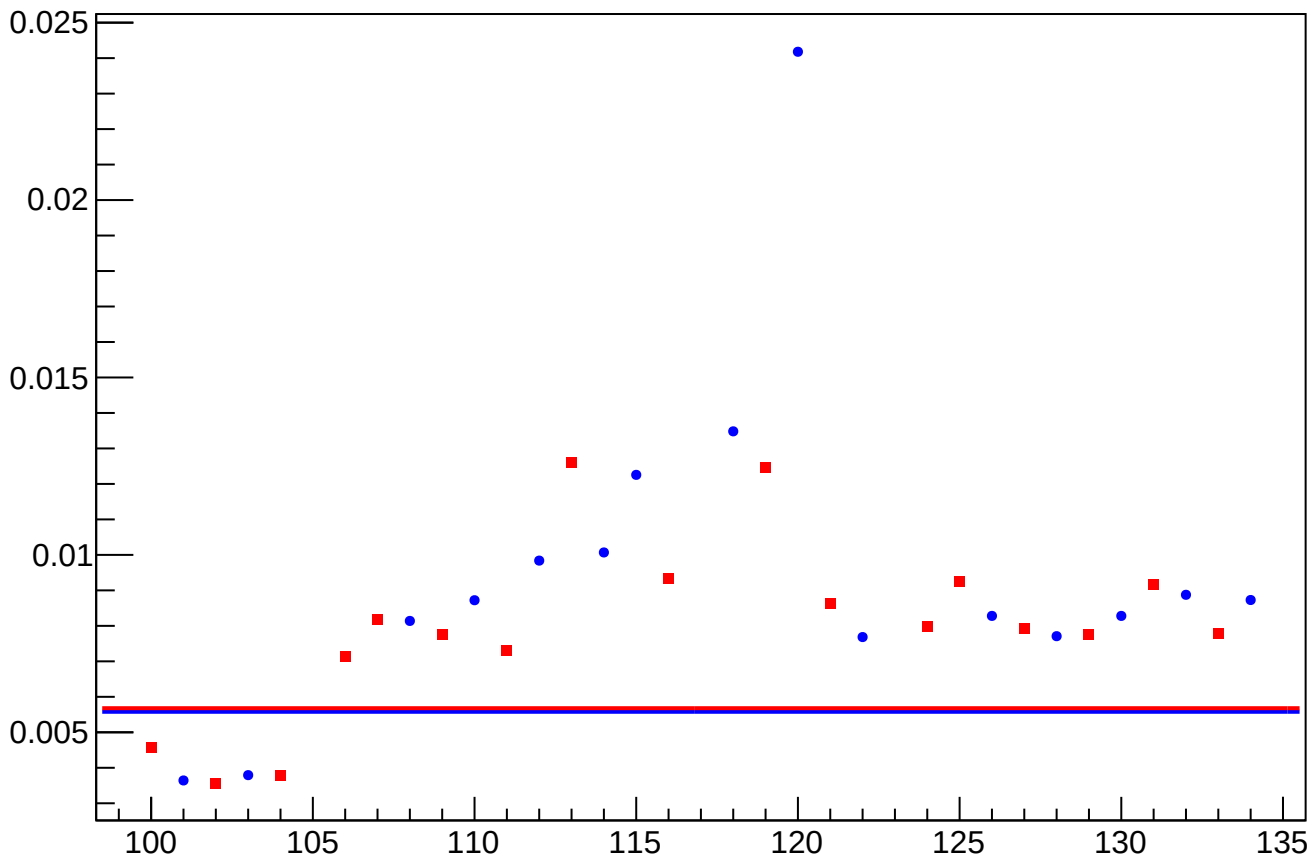
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.368+/-0.000 χ^2/NDF : 306405974852.2

- 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 : 1842338.1/16

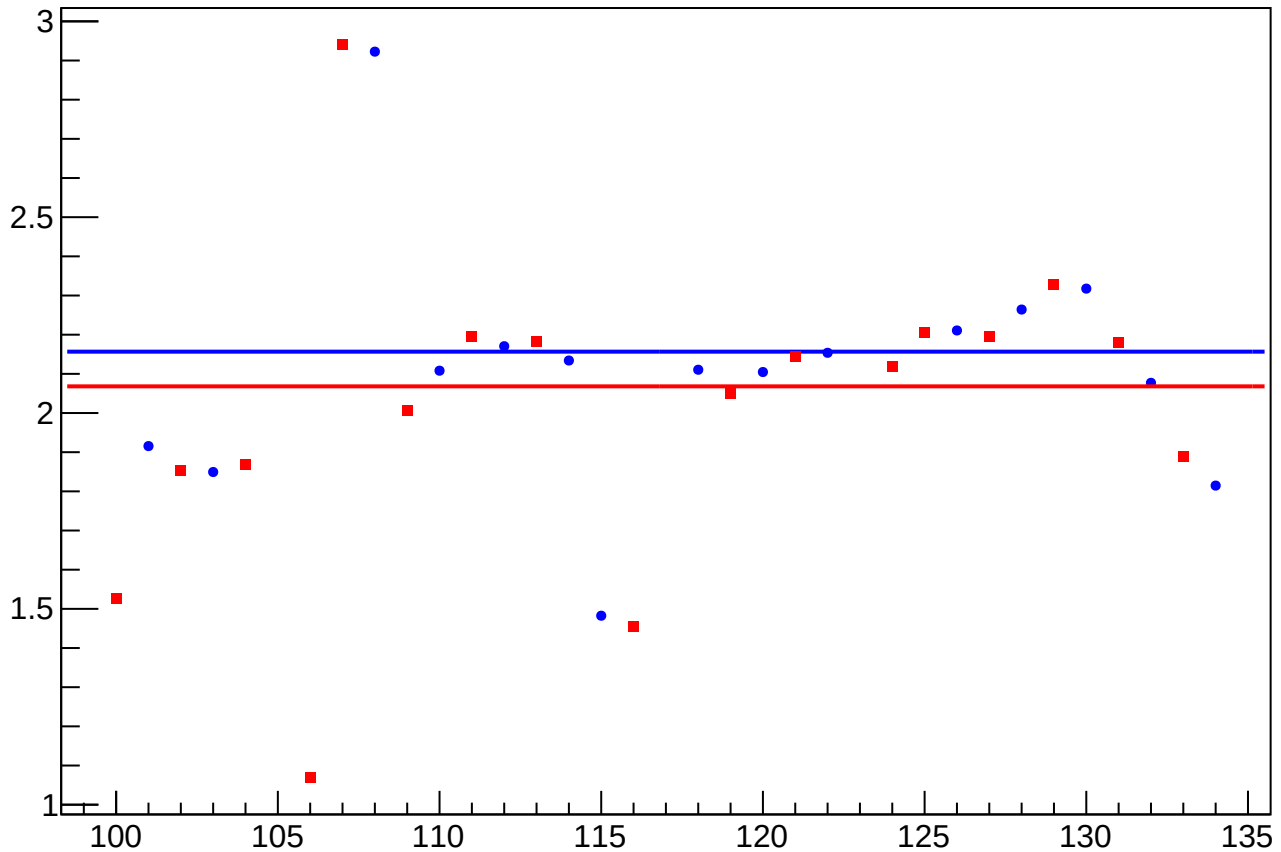
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 3890767.7/31

- 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: 2.068+/-0.000 χ^2/NDF : 14994569003.4/16

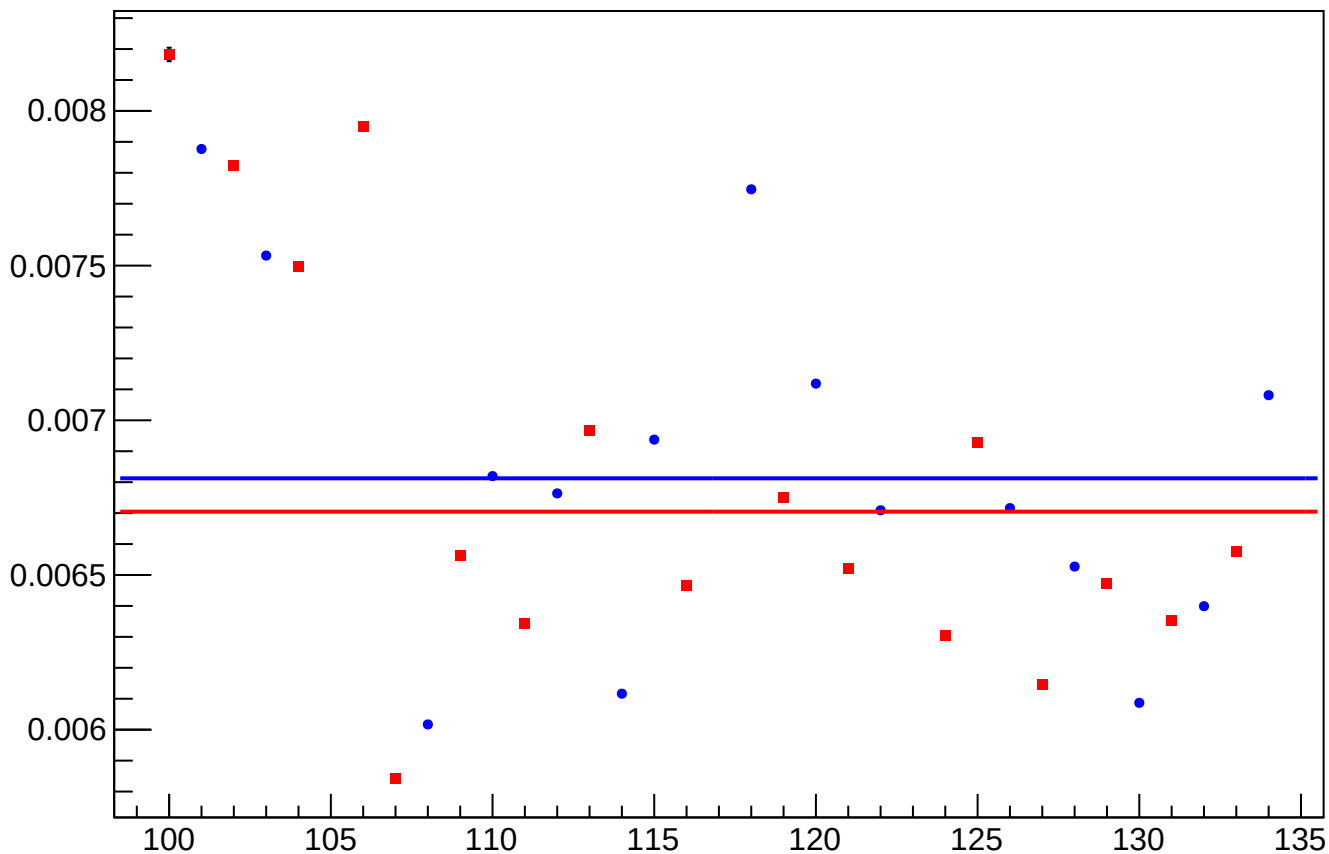
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.110+/-0.000 χ^2/NDF : 25967443974.7/3

- 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: 84696.6/16

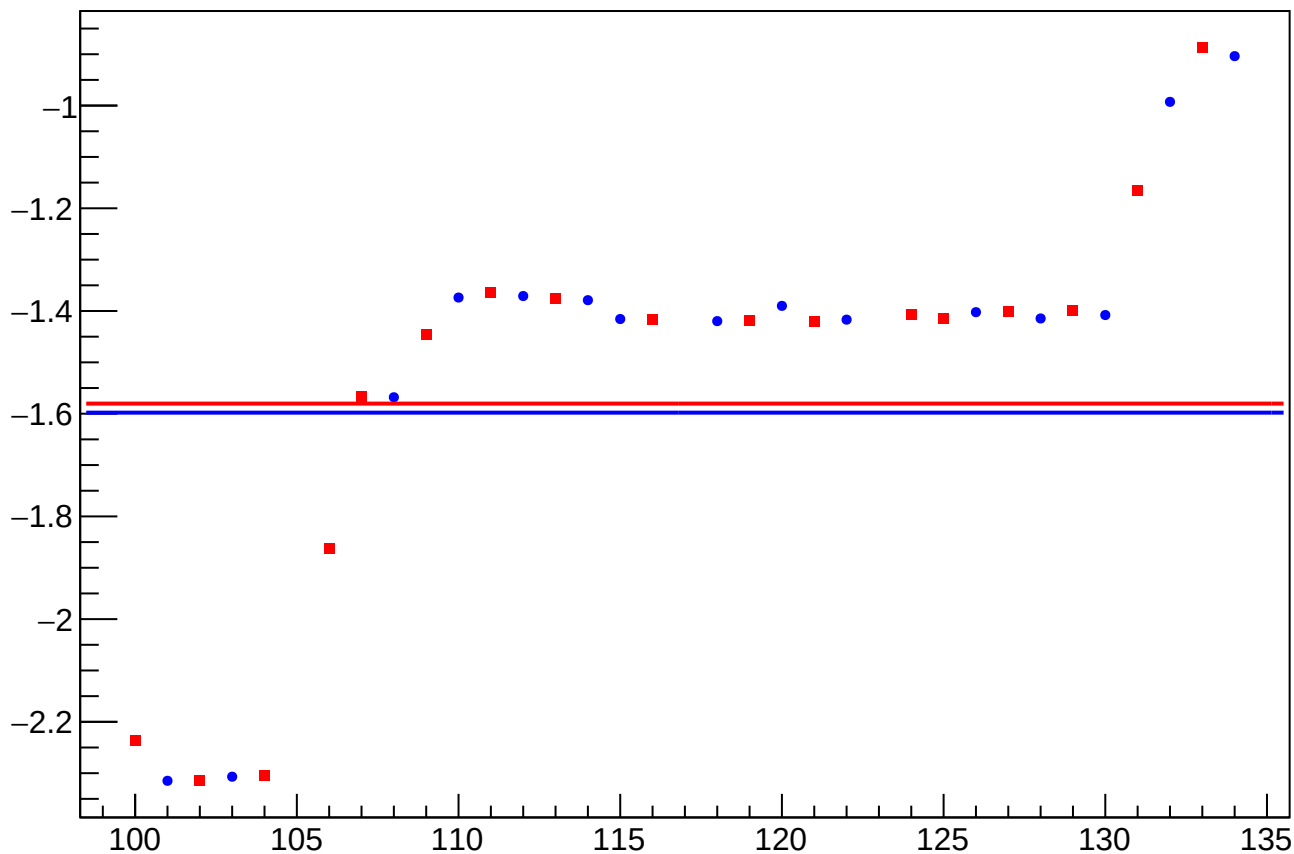
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.000 χ^2 /NDF: 173039.3/31

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

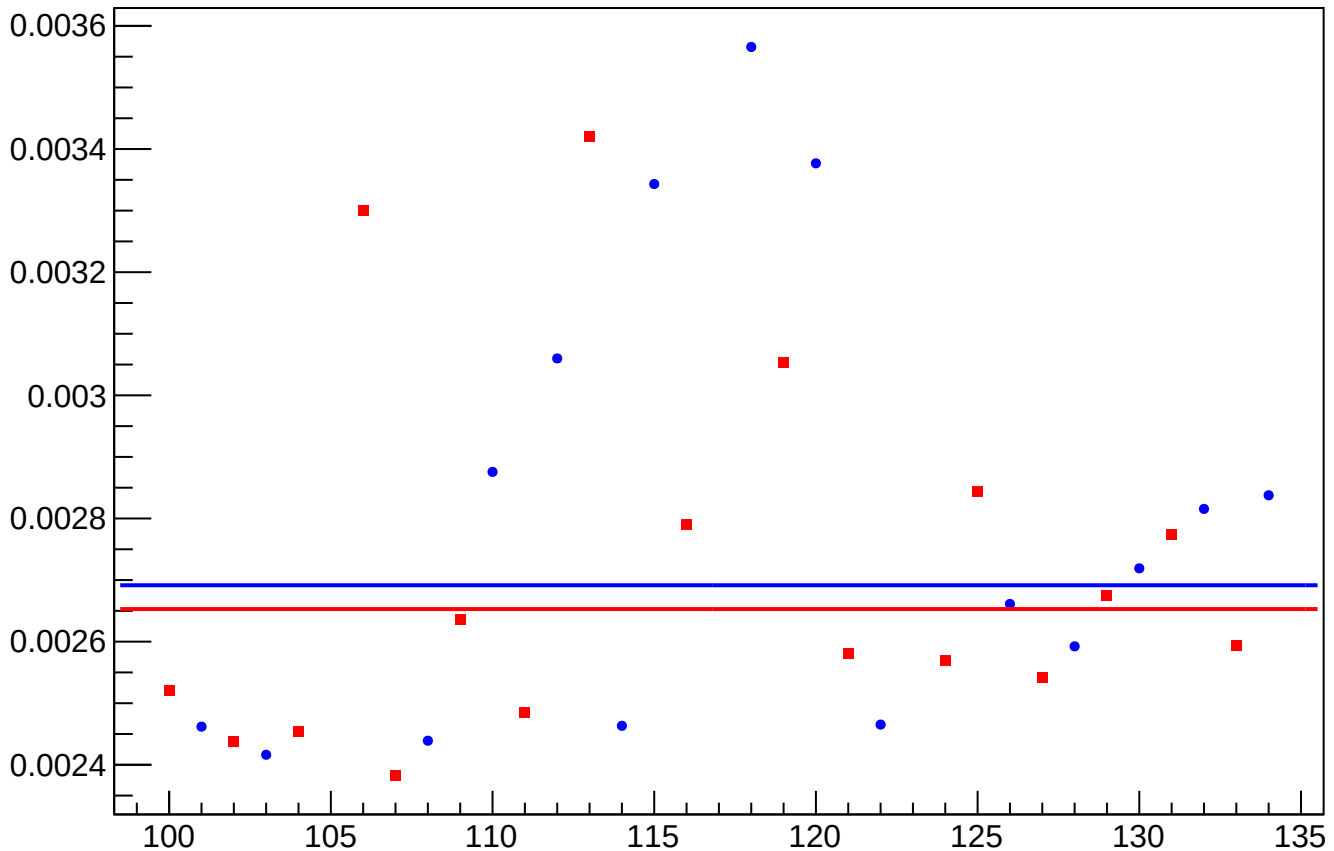
Right Out: -1.580+/-0.000 χ^2/NDF : 165333620935.8/16

All: -1.589+/-0.000 χ^2/NDF : 328853761053.7

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 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 : 115541.3/16

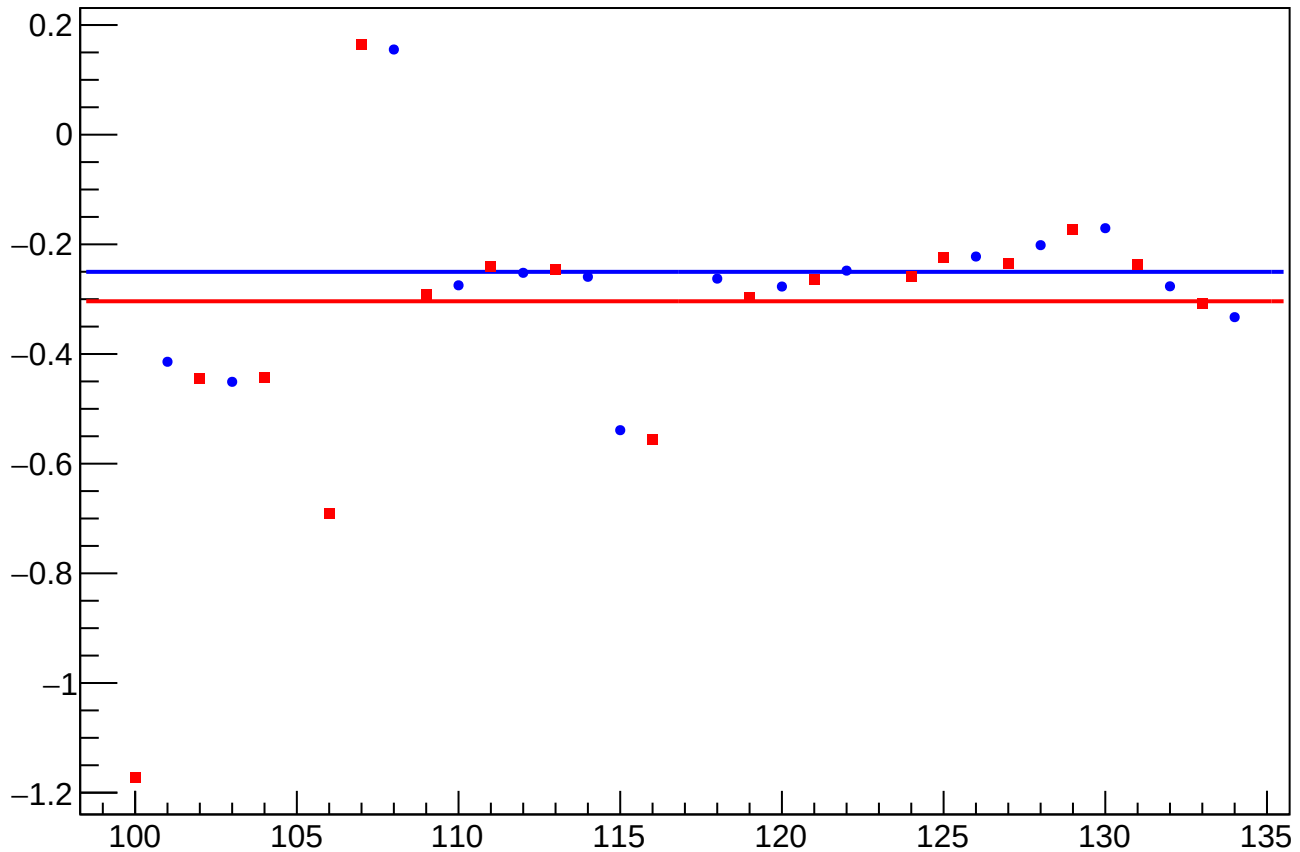
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 272545.8/31

- 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: -0.304+/-0.000 χ^2/NDF : 1712992859.9/16

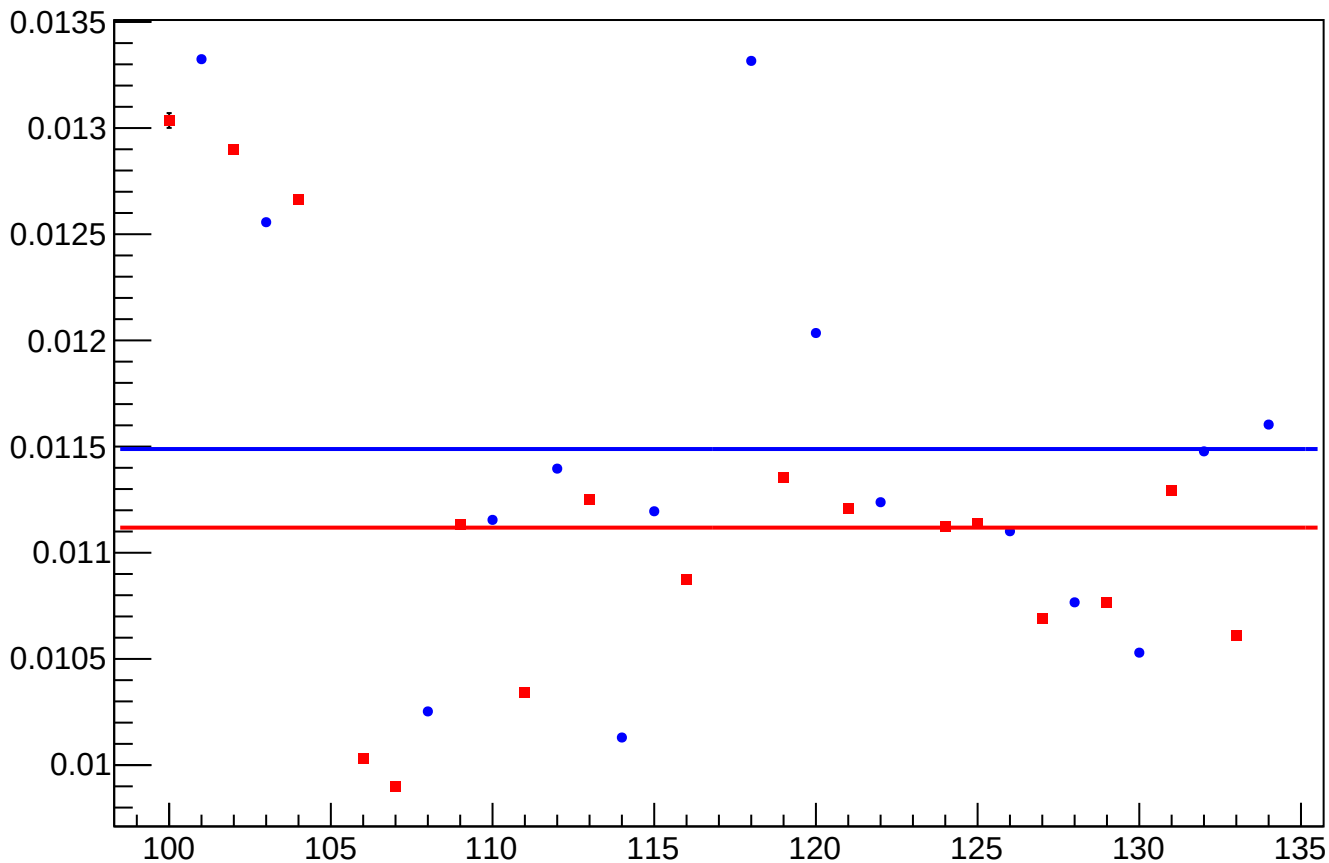
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.279+/-0.000 χ^2/NDF : 2796021792.0/3

- 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 : 66984.8/16

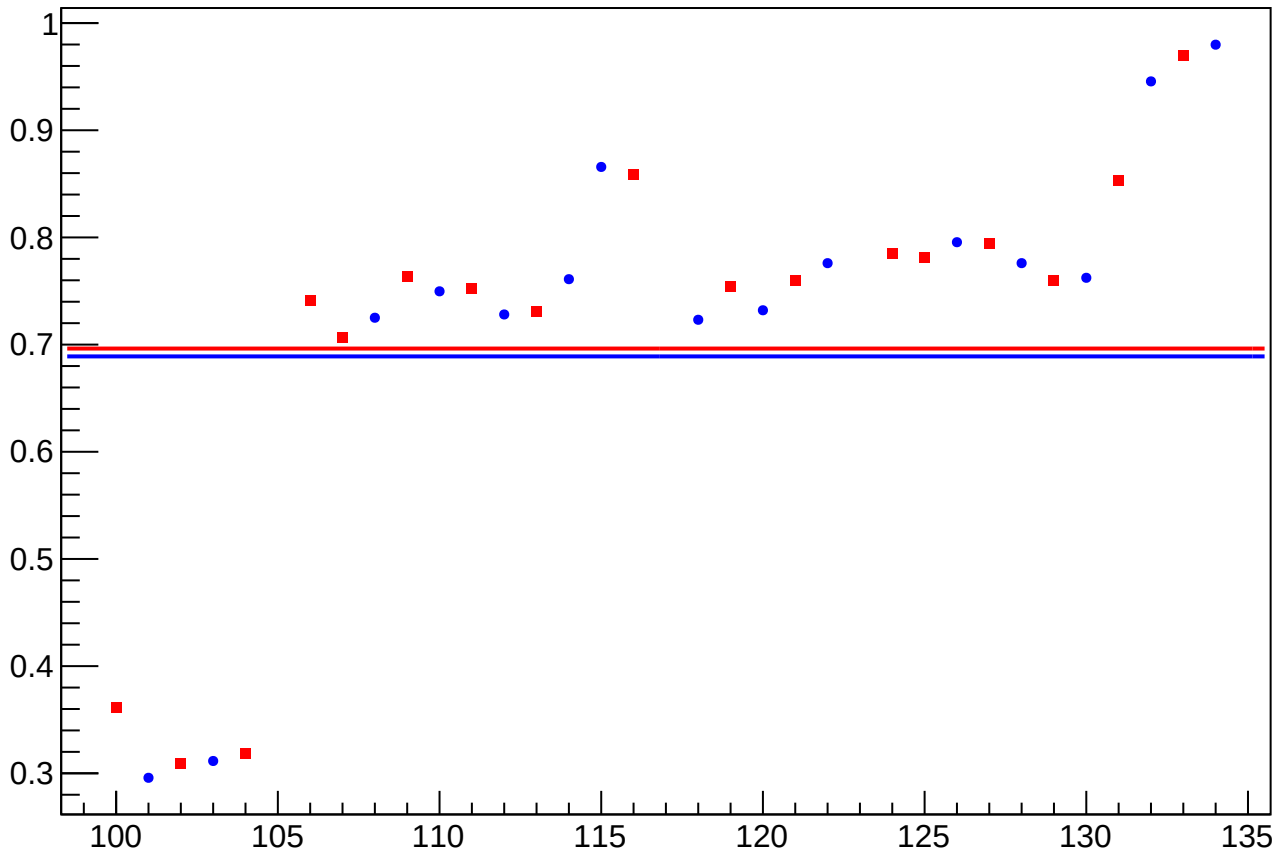
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 157425.7/31

- 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: 0.696+/-0.000 χ^2/NDF : 41985342628.8/16

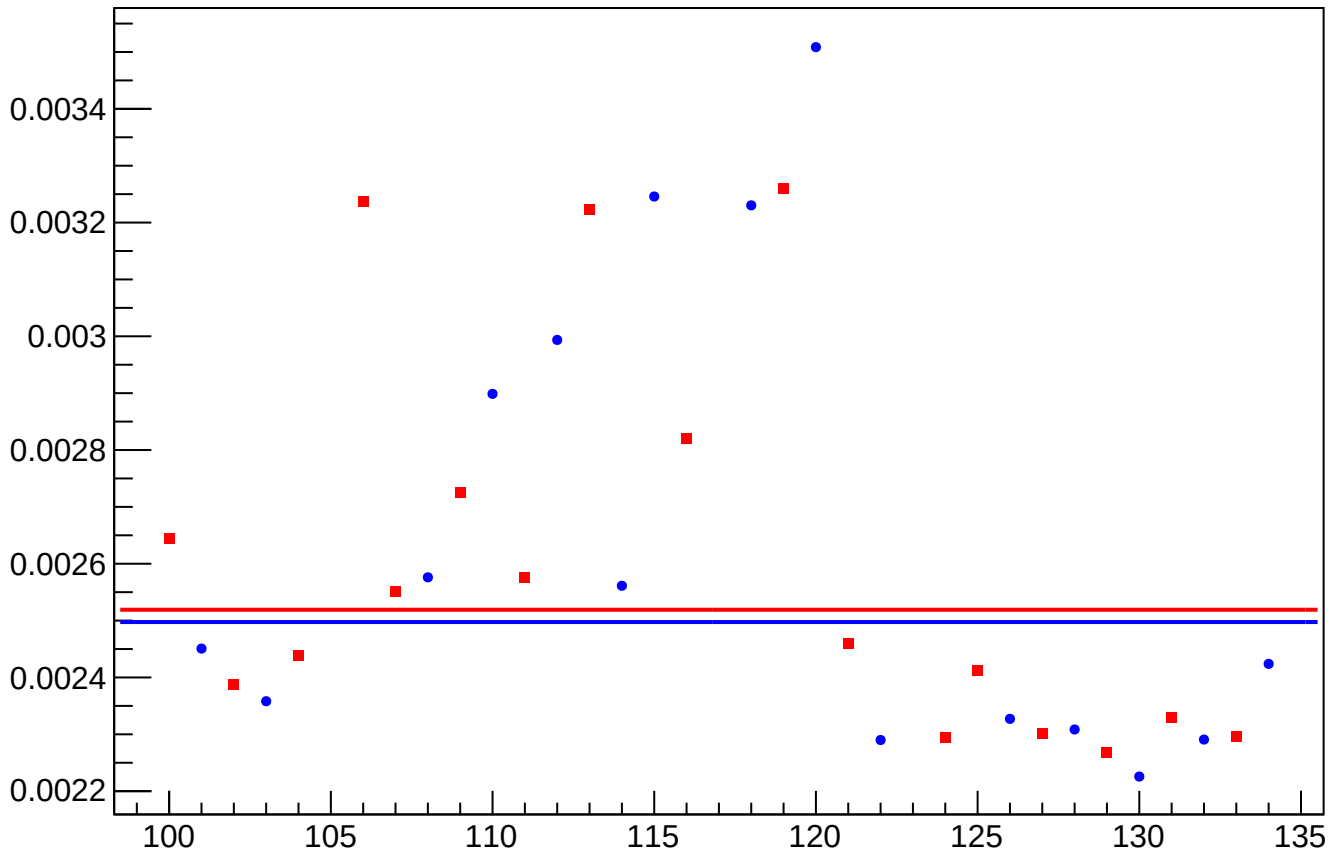
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.693+/-0.000 χ^2/NDF : 88054689751.9/3

- 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 : 170982.7/16

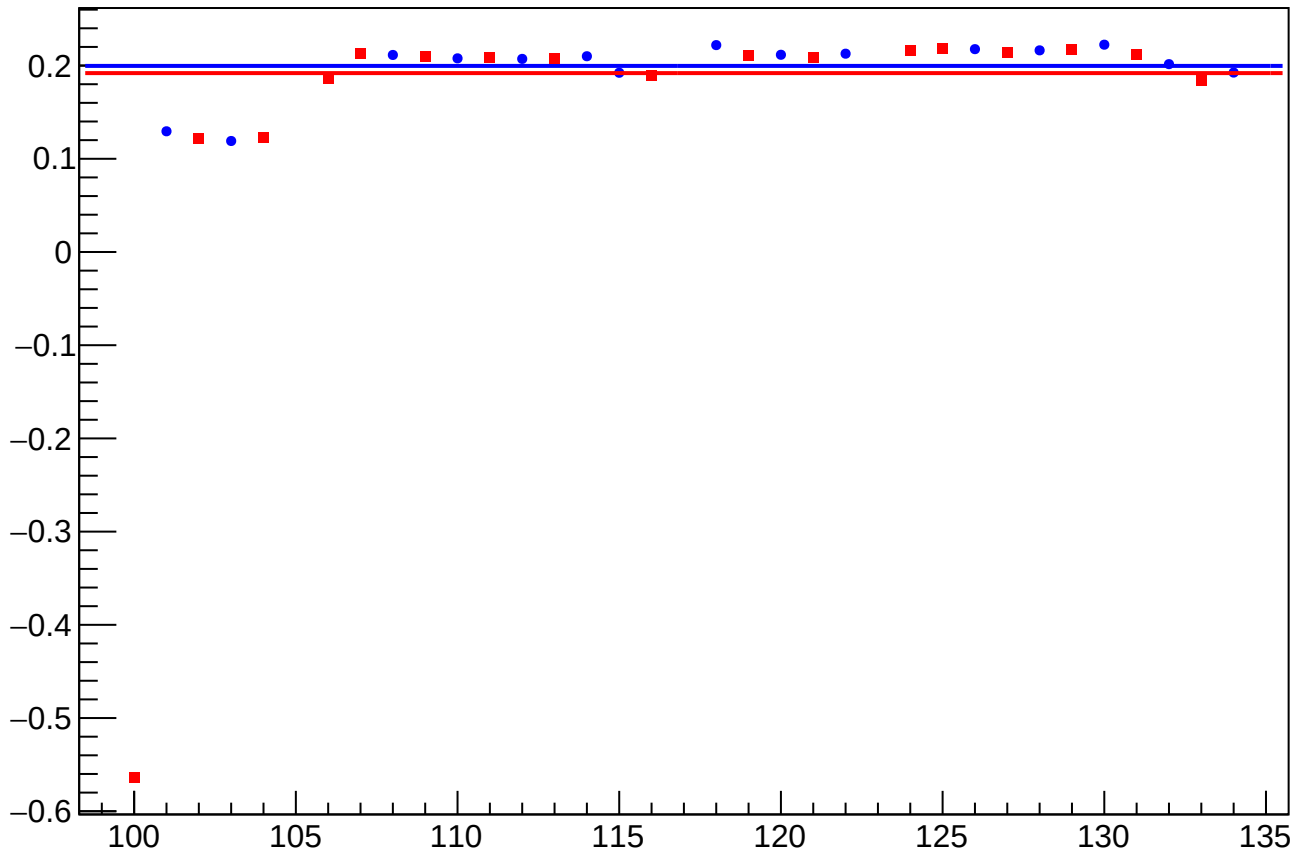
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 371562.4/31

- 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

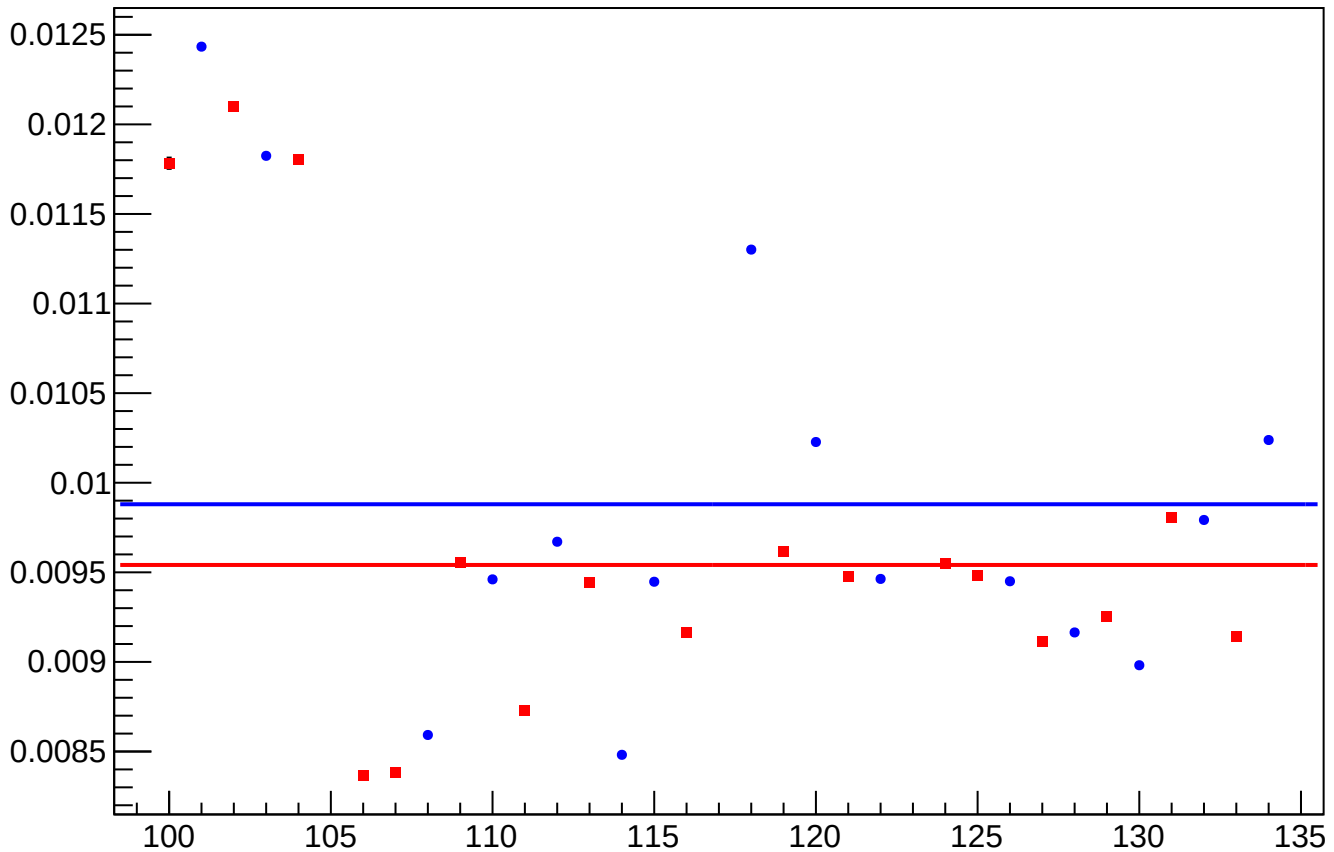
Right Out: 0.192 $\pm$ 0.000 χ^2 /NDF: 348237219.9/16

All: 0.195 $\pm$ 0.000 χ^2 /NDF: 409191396.7/31

- 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

yield_bpm0l08X_rms vs Slug



Right In: 0.010 $\pm$ 0.000 χ^2 /NDF: 148526.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 133246.1/16

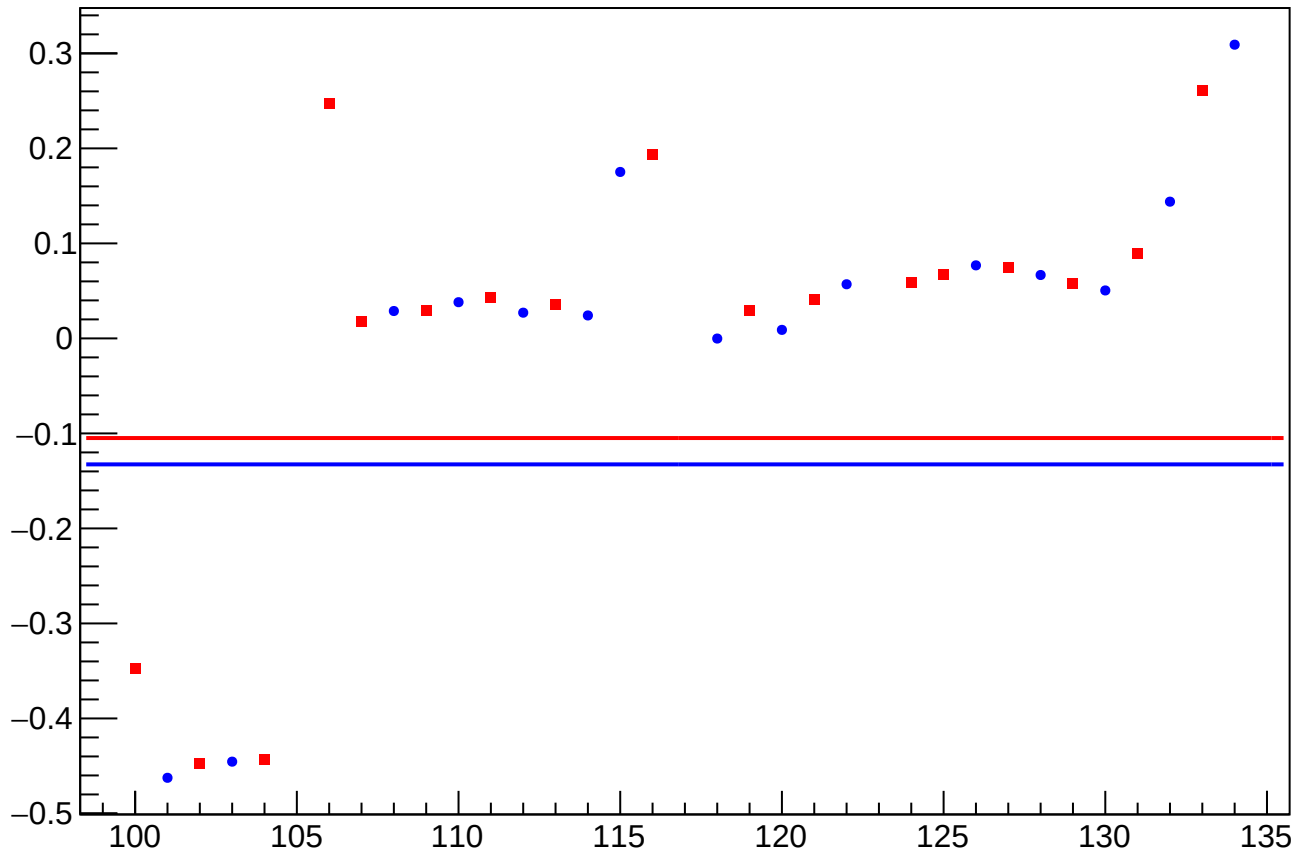
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.000 χ^2 /NDF: 289408.0/31

- sign 0.000 $\pm$ 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: -0.105+/-0.000 χ^2/NDF : 16593228624.2/16

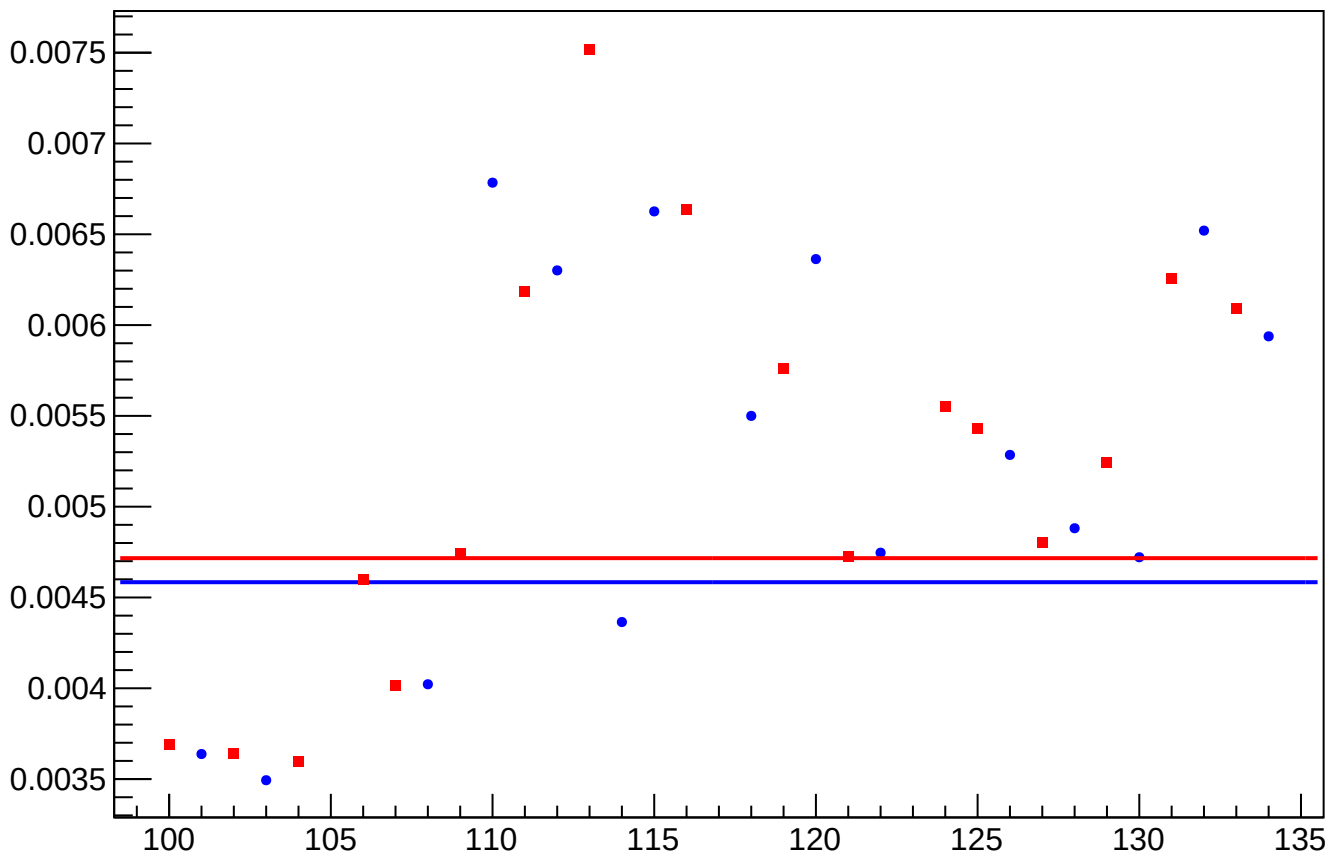
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.119+/-0.000 χ^2/NDF : 33414473801.5/30

- 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 : 571073.5/16

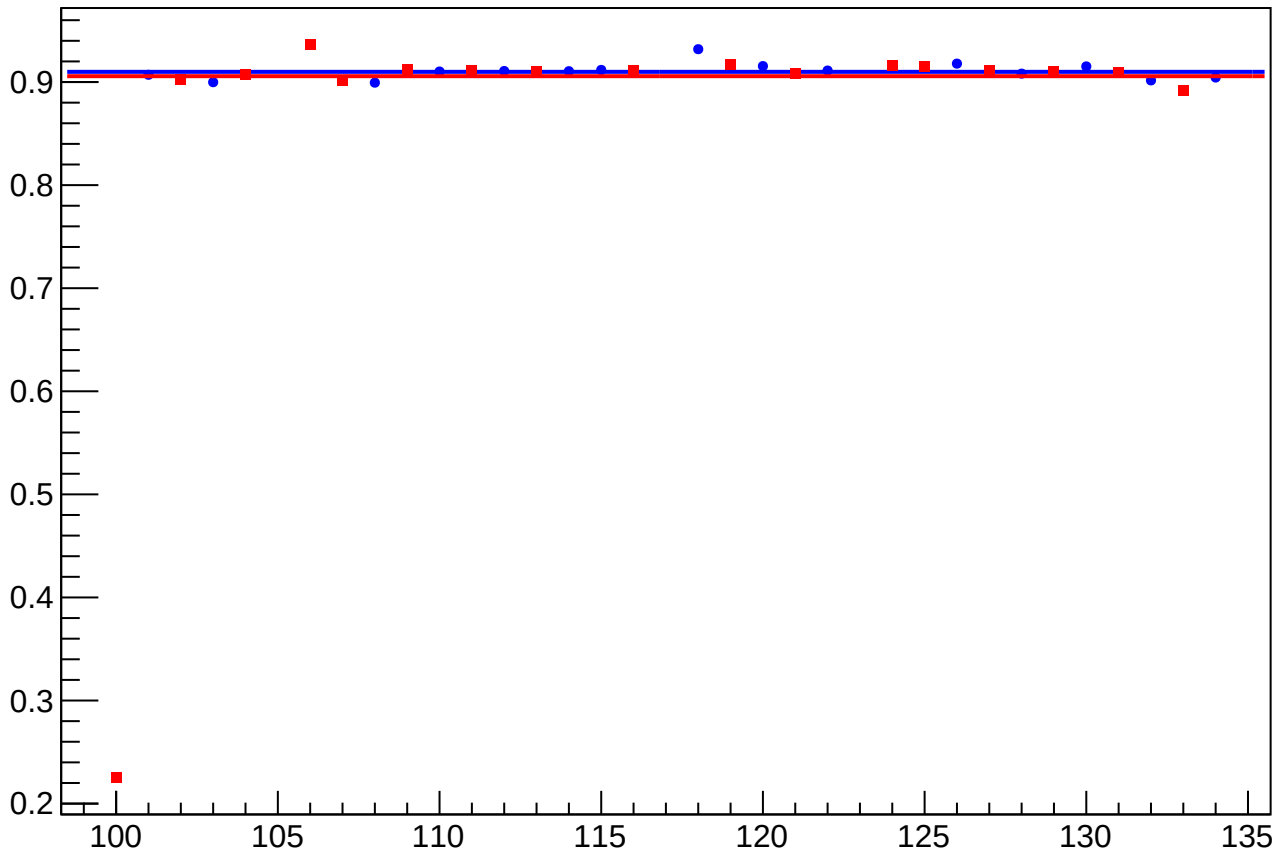
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1124443.9/31

- 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

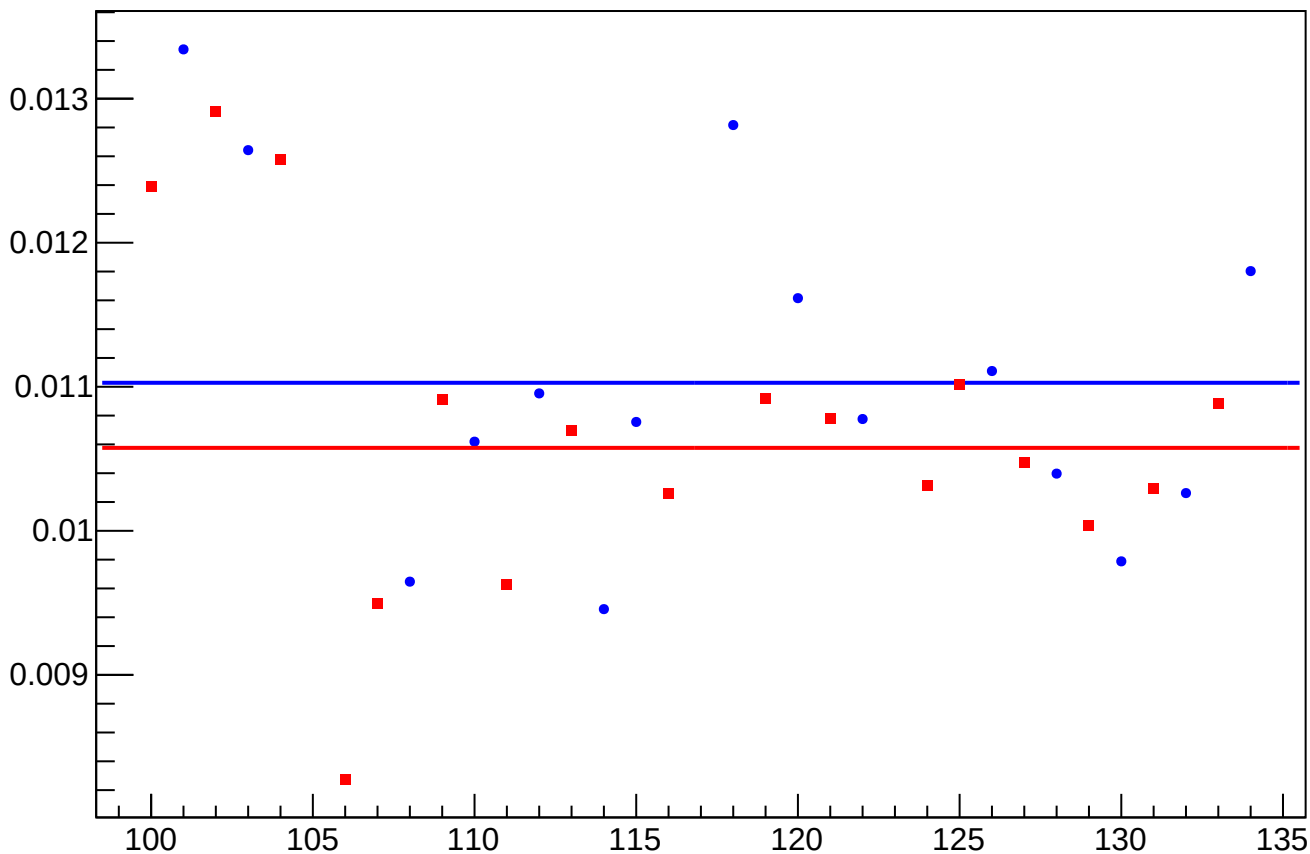
Right Out: 0.906 $\pm$ 0.000 χ^2 /NDF: 219064575.5/16

All: 0.908 $\pm$ 0.000 χ^2 /NDF: 222658217.2/31

- 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

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 : 140385.4/16

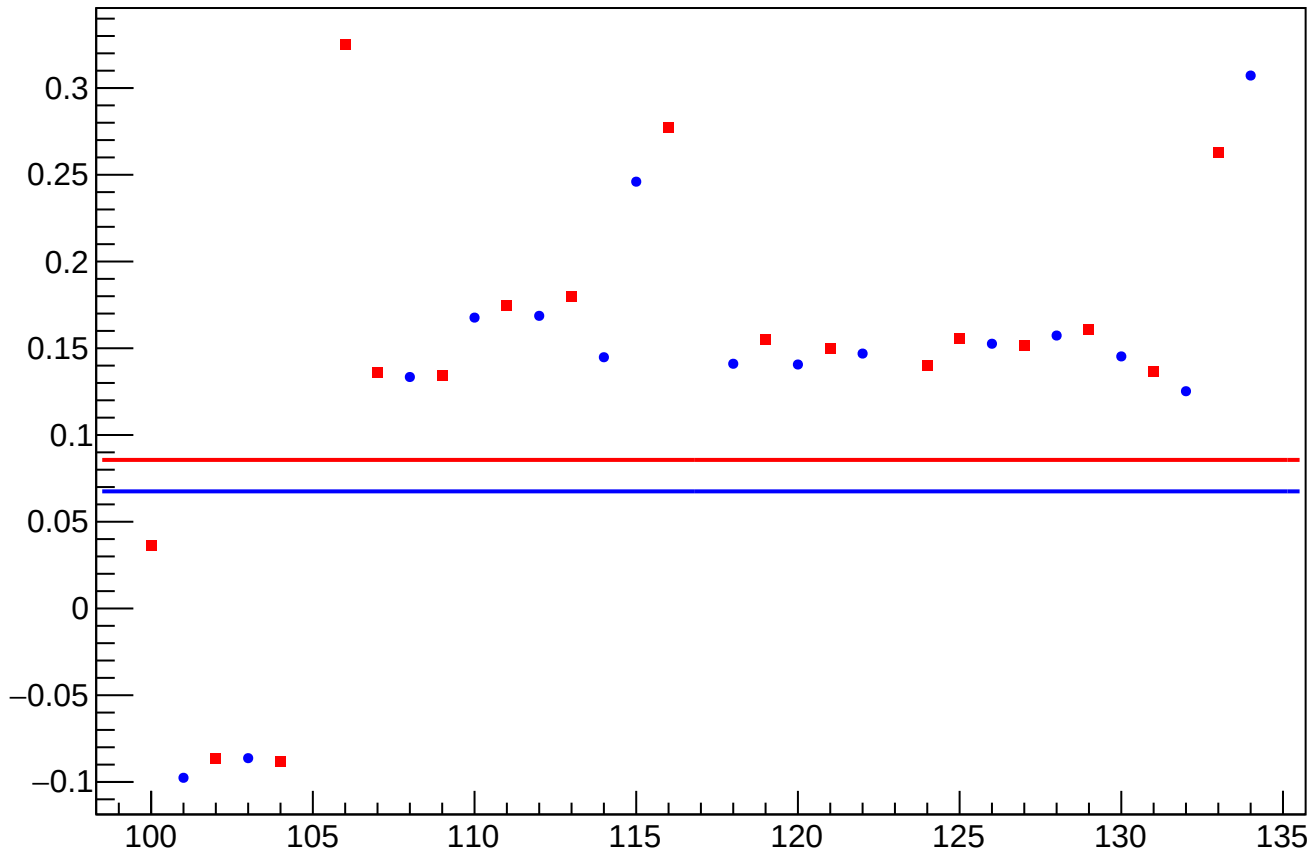
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 281679.3/31

- 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: 0.086+/-0.000 χ^2/NDF : 3589491449.5/16

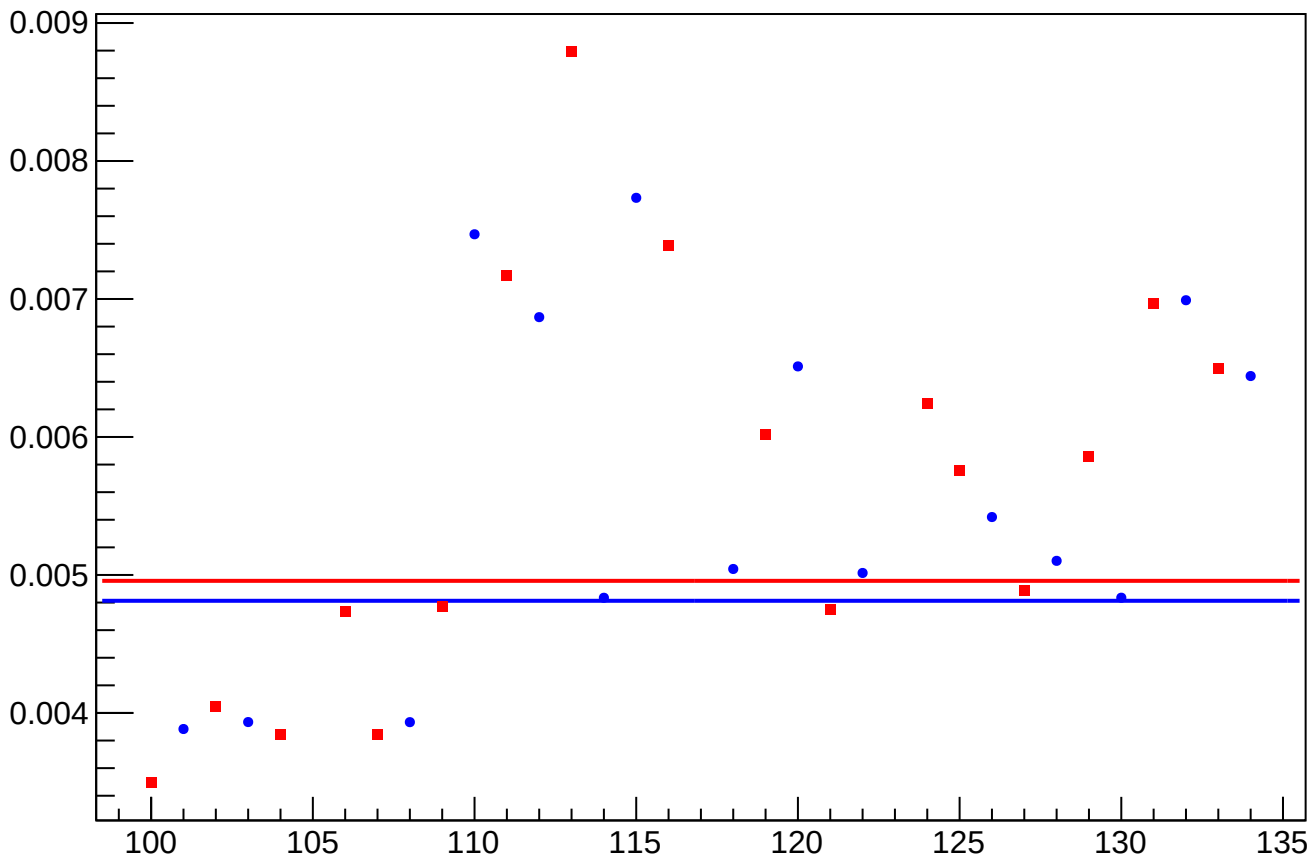
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.077+/-0.000 χ^2/NDF : 6942358341.1/31

- 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 : 653338.8/16

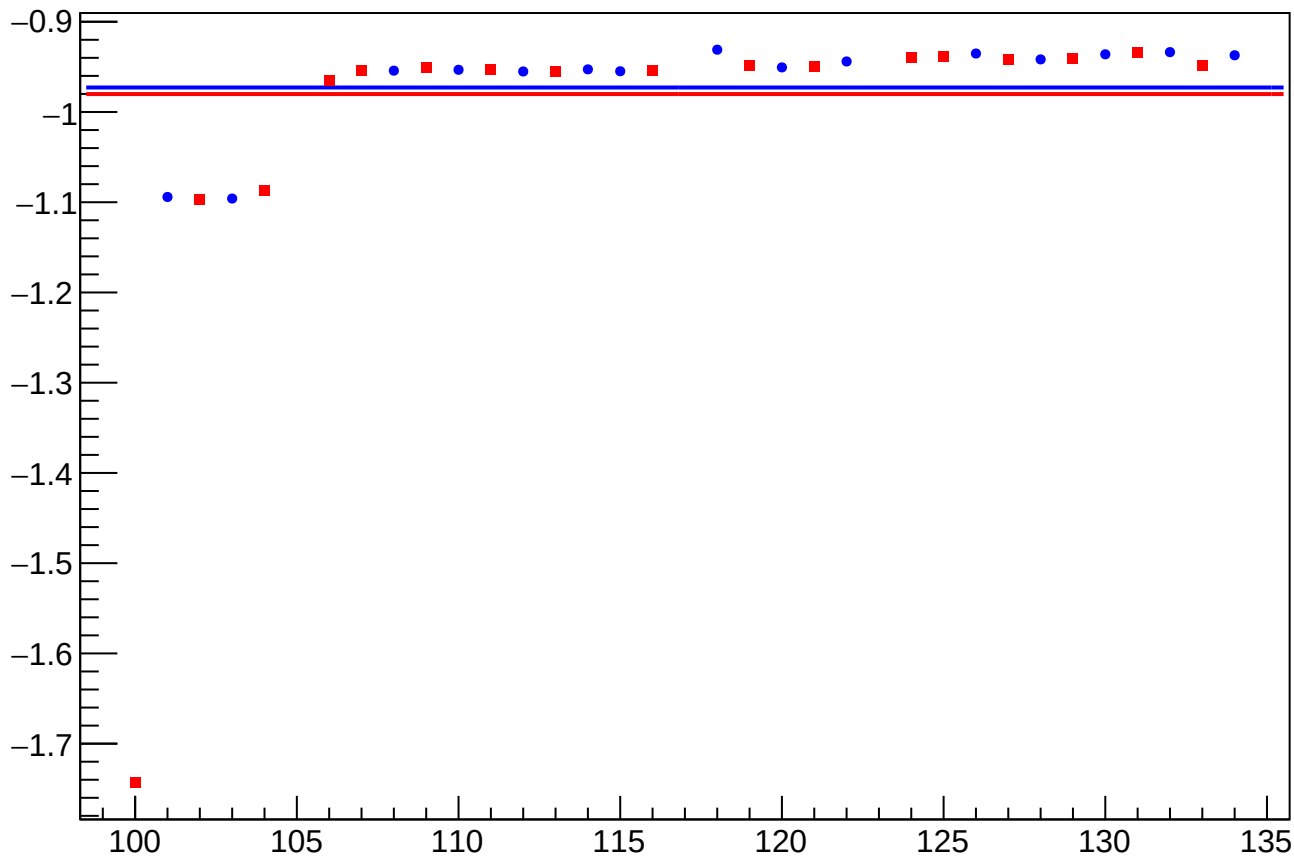
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1157721.9/31

- 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: -0.980+/-0.000 χ^2/NDF : 446792263.2/16

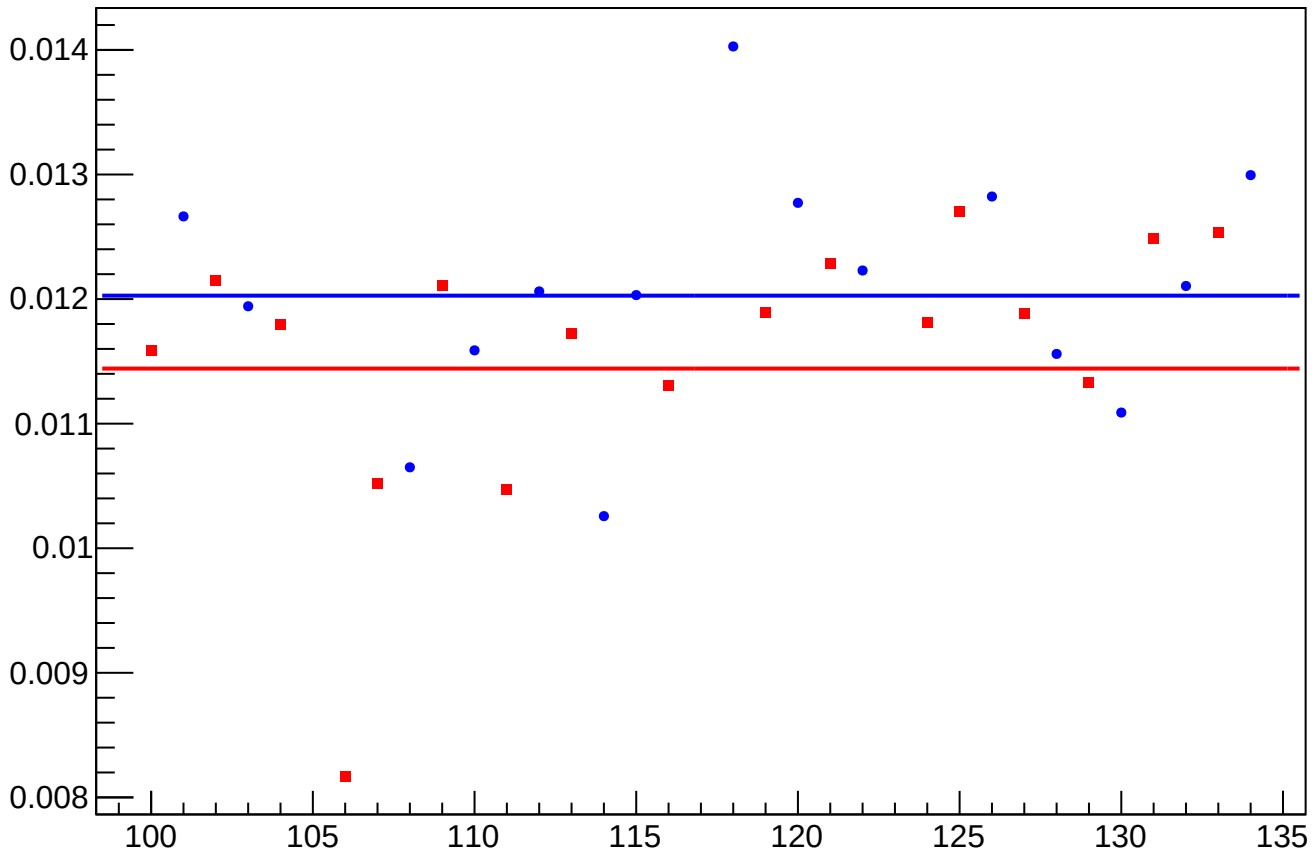
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.977+/-0.000 χ^2/NDF : 599566209.2/31

- 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: 146372.2/16

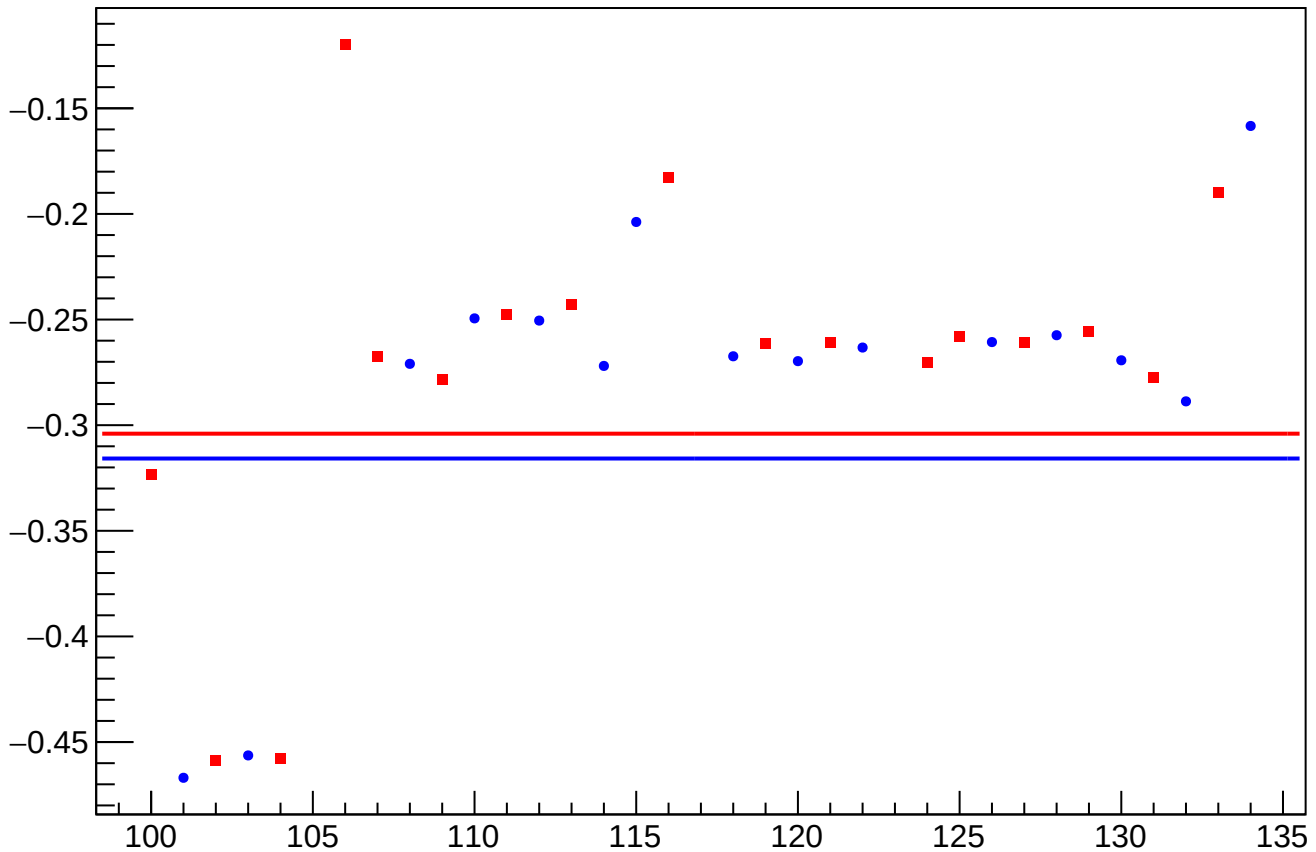
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.000 χ^2 /NDF: 224143.5/31

- 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: -0.304+/-0.000 χ^2/NDF : 2855119556.6/16

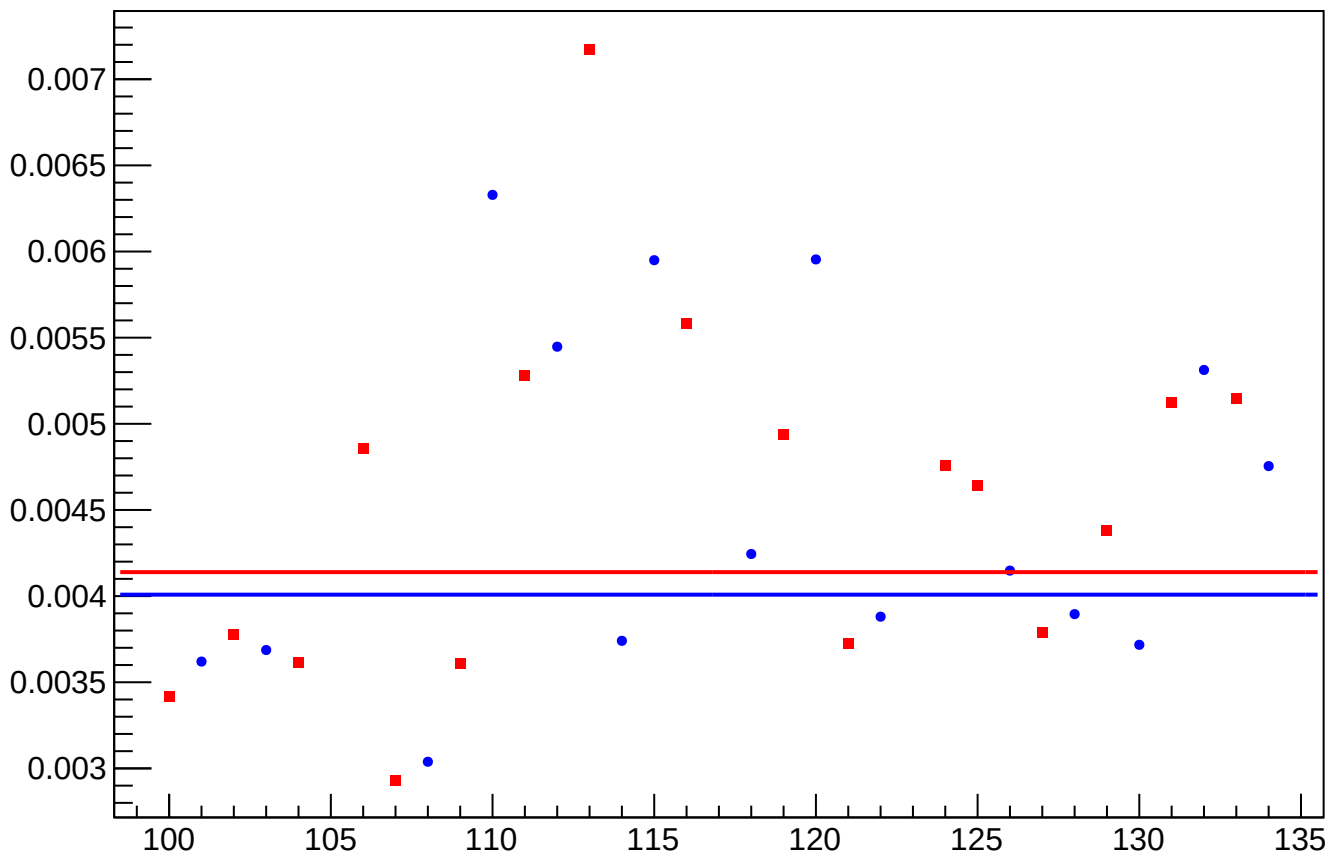
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.310+/-0.000 χ^2/NDF : 5731555789.2/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l10Y_rms vs Slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 393336.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 469075.4/16

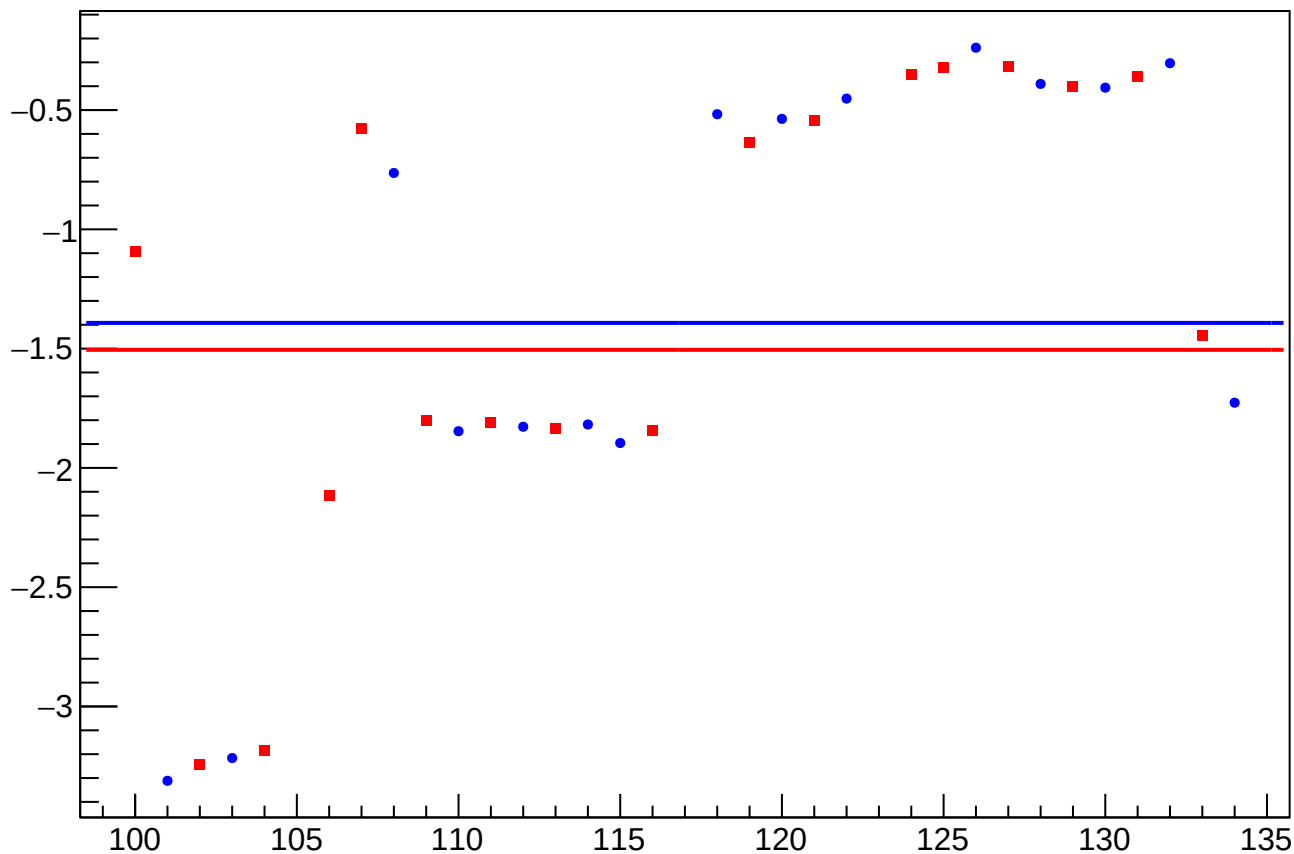
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.000 χ^2 /NDF: 867944.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r03X_mean vs Slug



Right In: -1.392 ± 0.000 $\chi^2/\text{NDF}: 1432525970.5/14$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

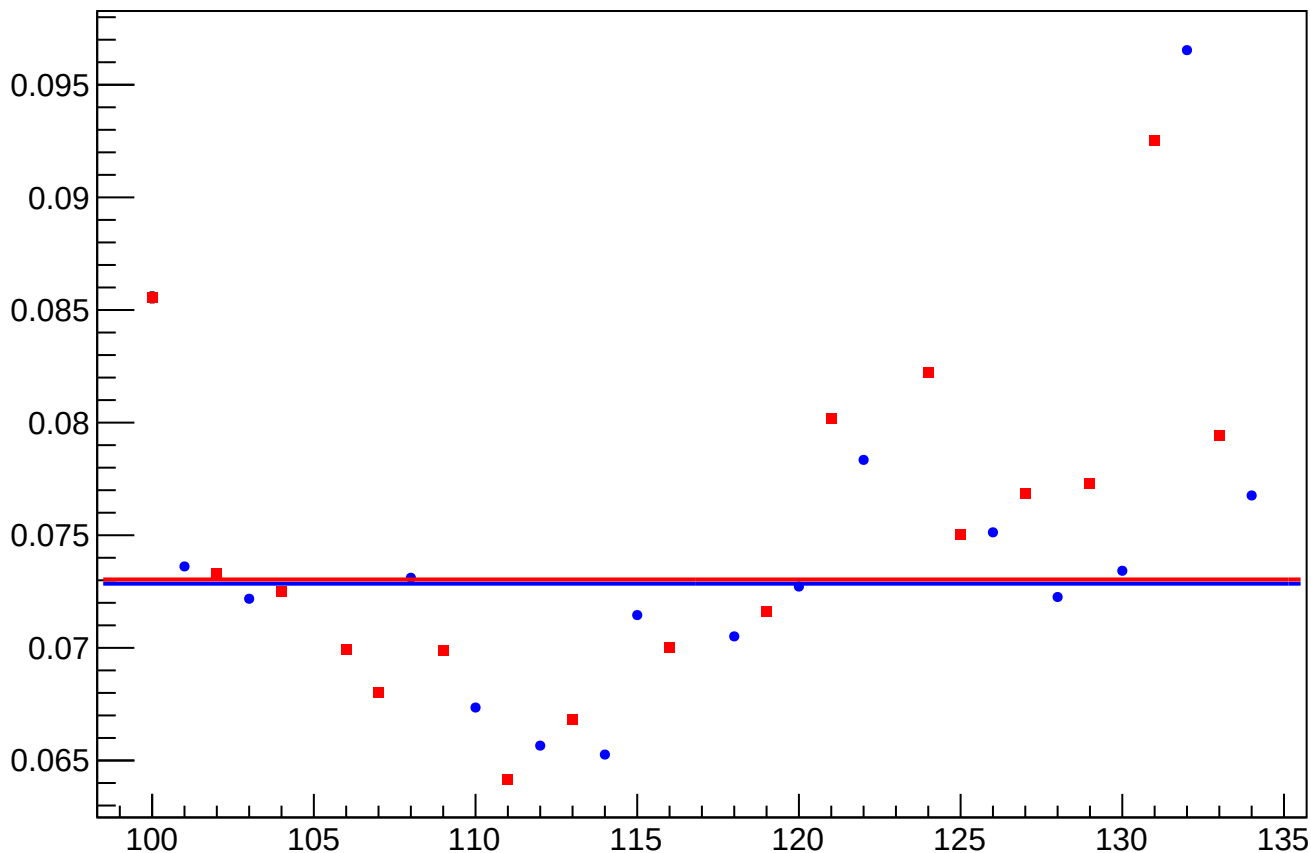
Right Out: -1.505 ± 0.000 $\chi^2/\text{NDF}: 1241131766.2/16$

All: -1.450 ± 0.000 $\chi^2/\text{NDF}: 2681290564.0/3$

- 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_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 : 89099.9/16

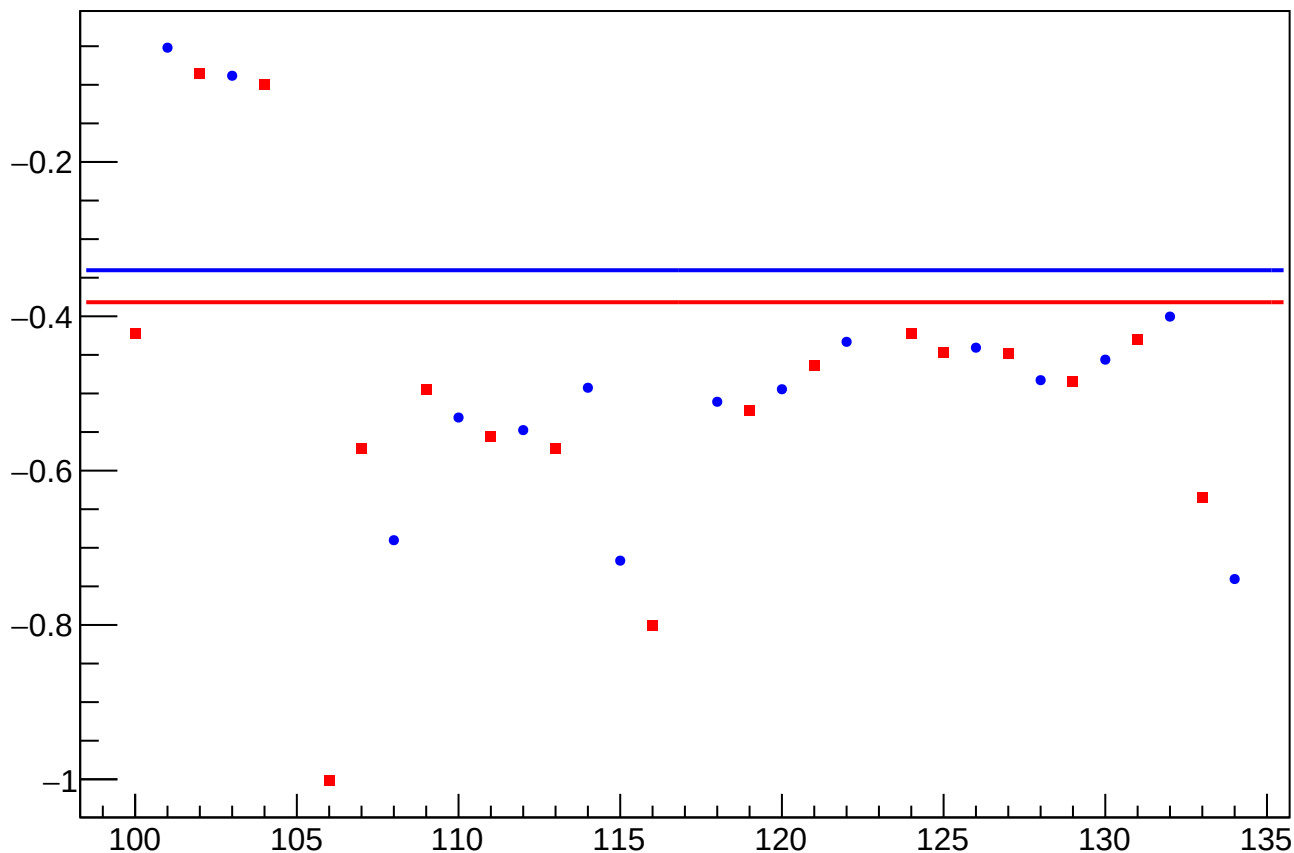
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.073+/-0.000 χ^2/NDF : 164539.2/31

- 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

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.382 ± 0.000 χ^2/NDF : 2577288026.7/16

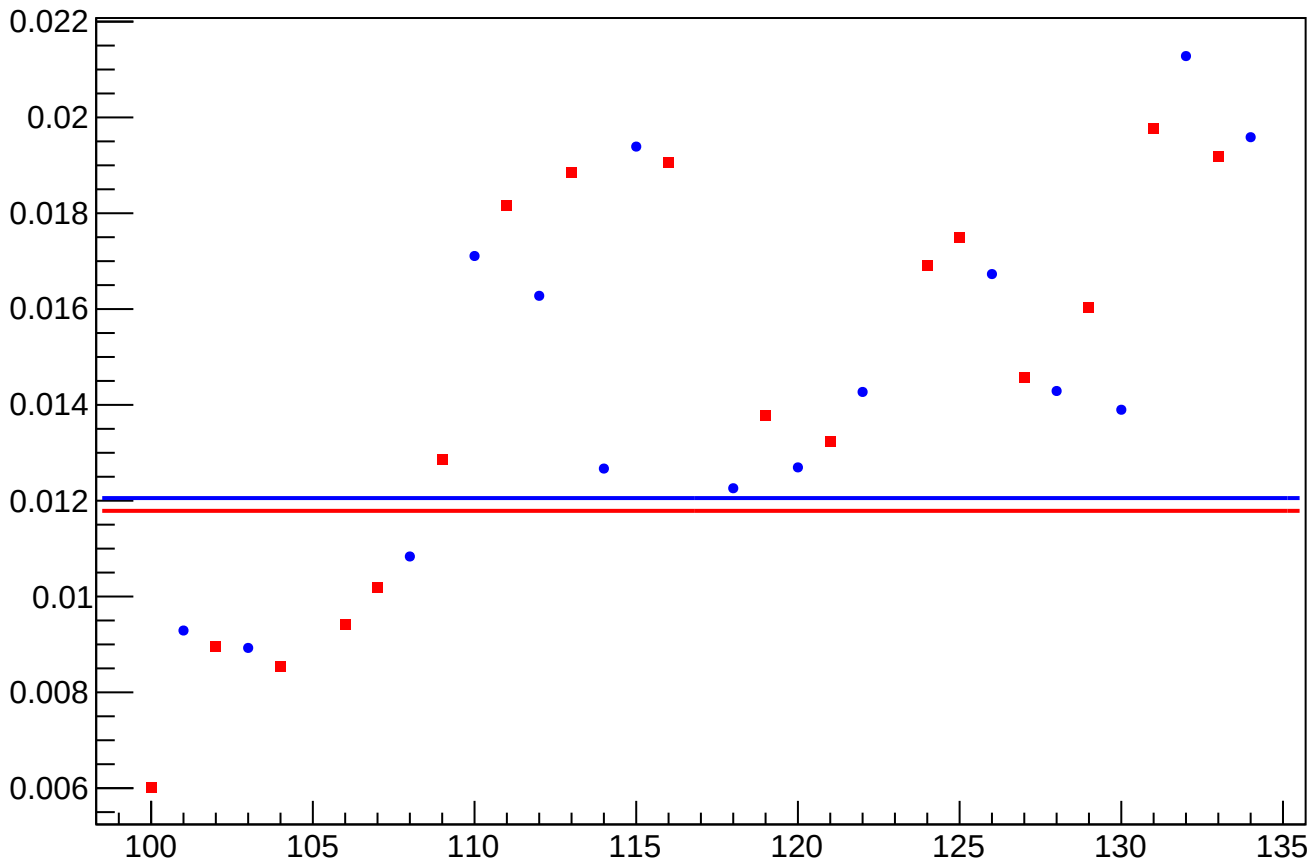
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.362 ± 0.000 χ^2/NDF : 4609308522.5/3

- sign 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 : 1122389.4/16

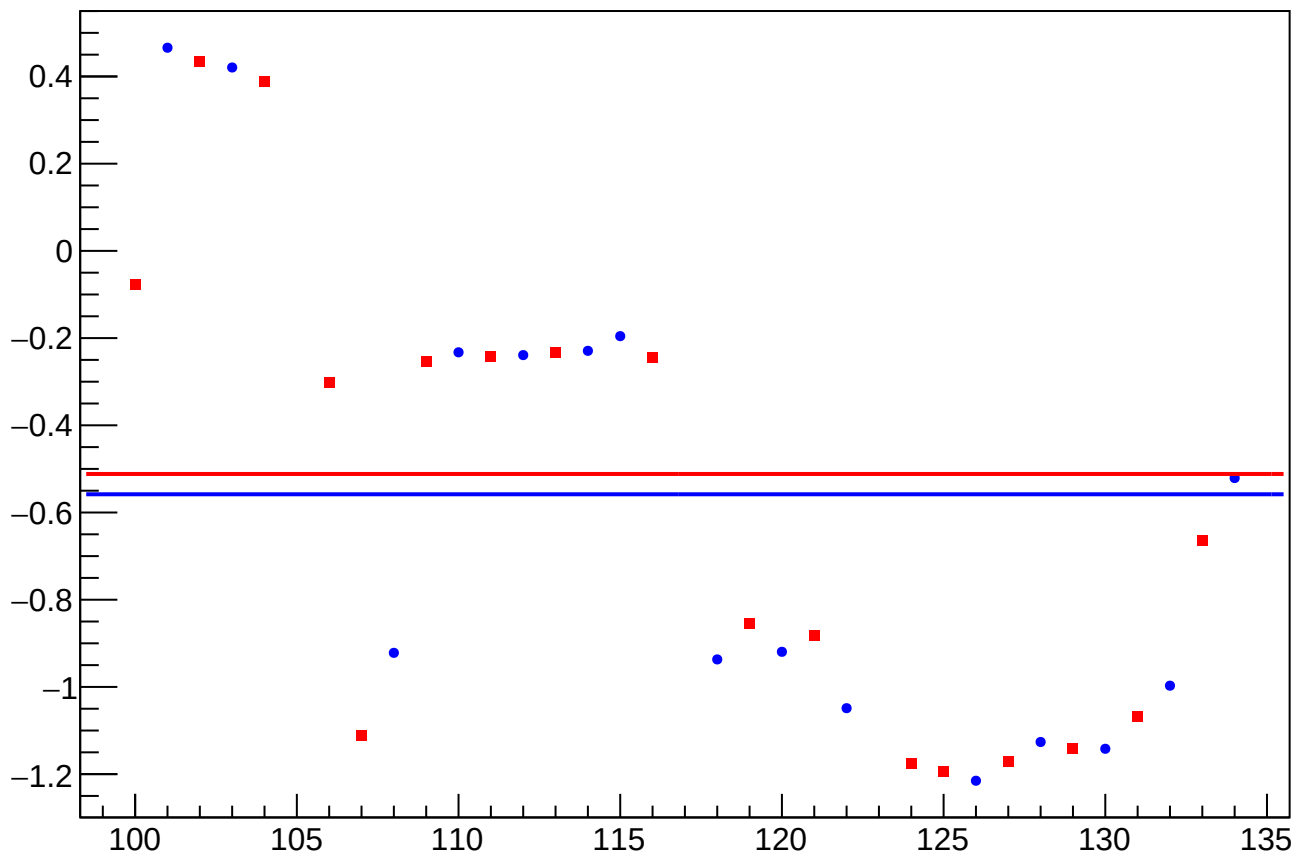
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 1835185.7/31

- 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: -0.512+/-0.000 χ^2/NDF : 263121278.3/16

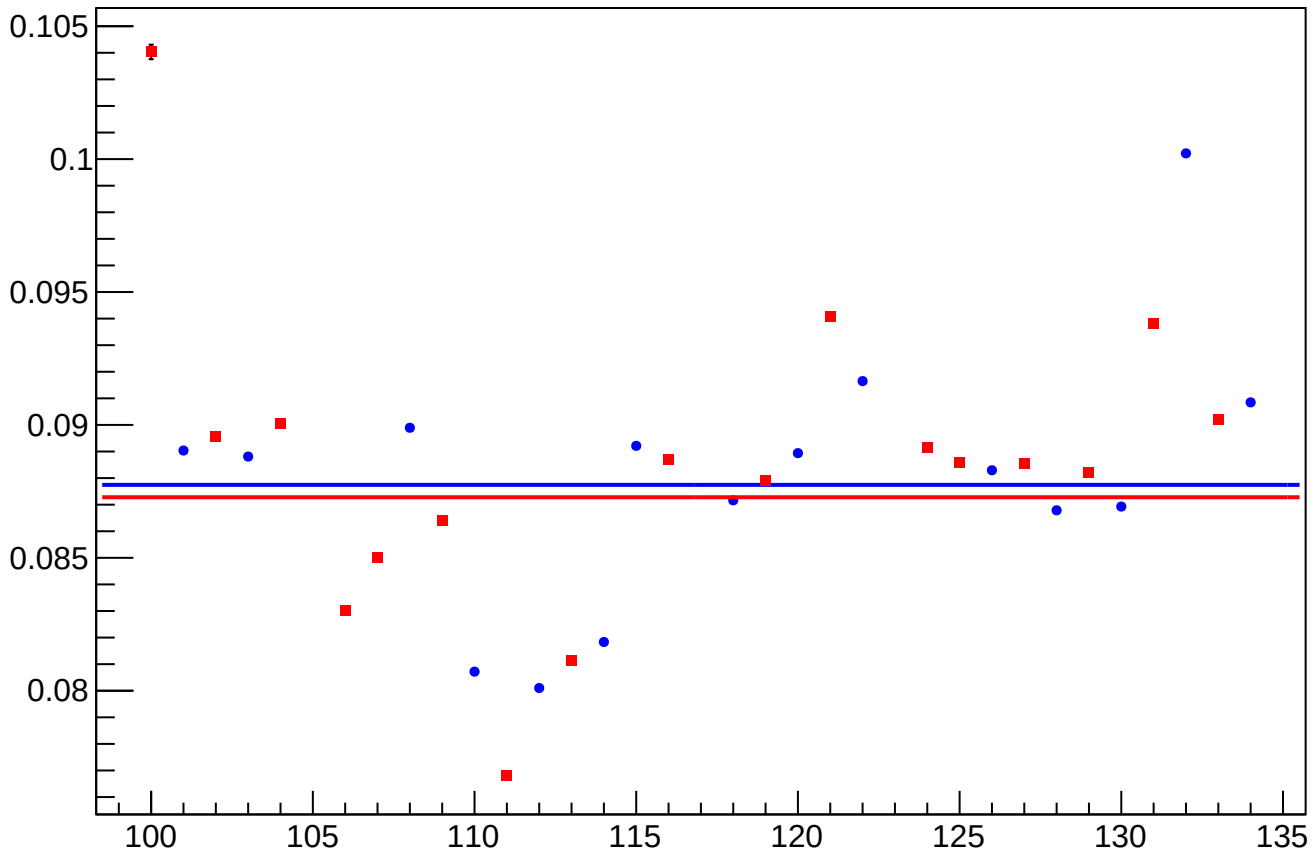
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.534+/-0.000 χ^2/NDF : 552477715.9/31

- 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: 0.087+/-0.000 χ^2/NDF : 39836.1/16

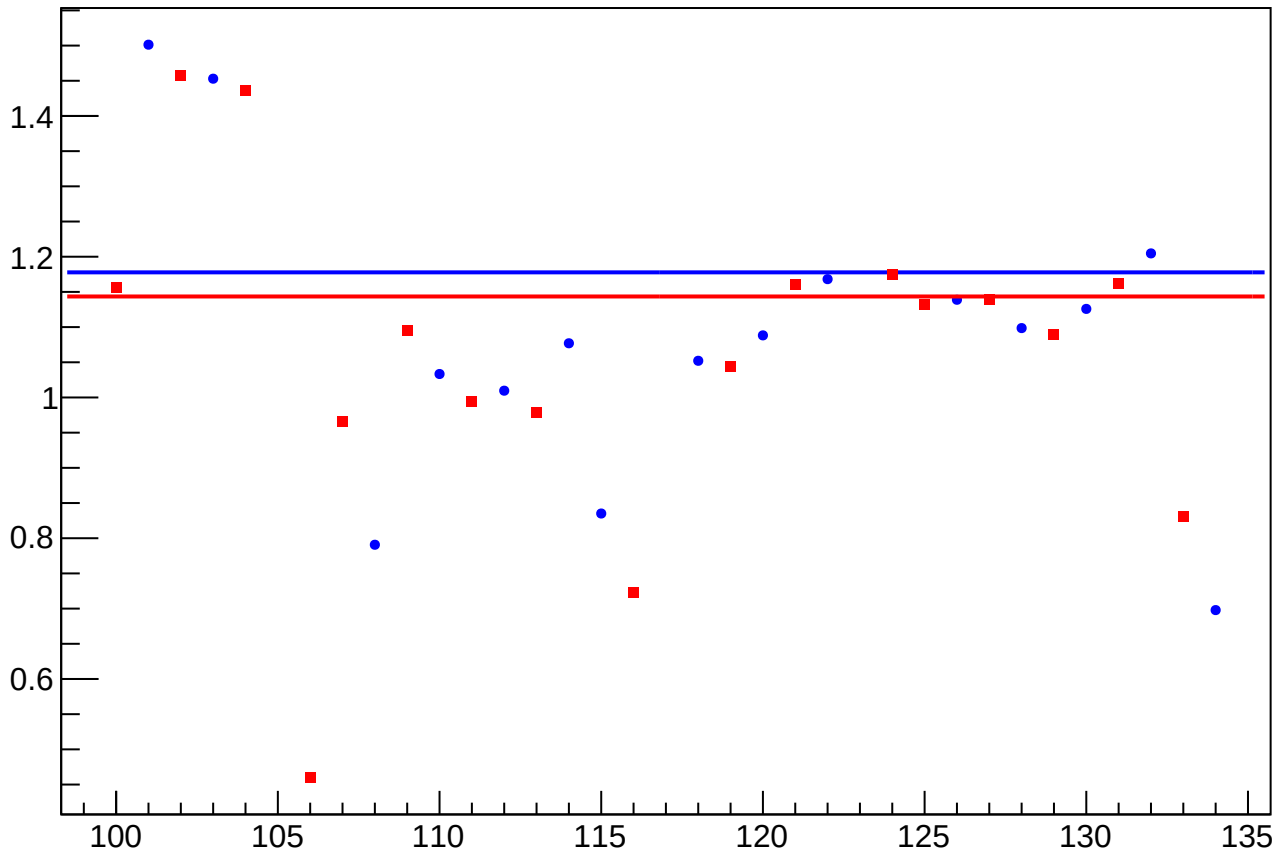
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.088+/-0.000 χ^2/NDF : 73029.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r05Y_mean vs Slug



Right In: 1.178+/-0.000 χ^2/NDF : 1197118418.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.144+/-0.000 χ^2/NDF : 1472450394.4/16

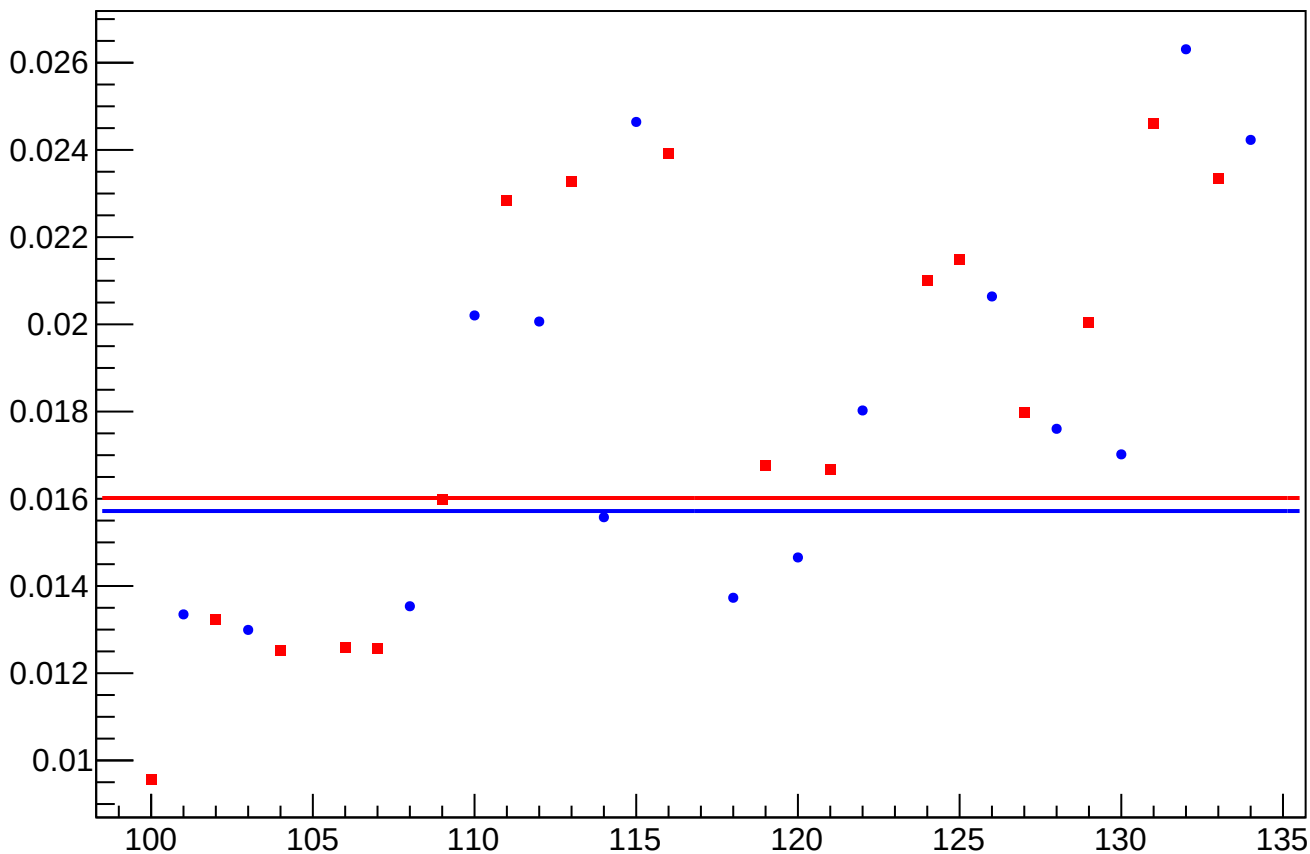
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.160+/-0.000 χ^2/NDF : 2682130281.6/30

- sign 0.000+/-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: 0.016+/-0.000 χ^2/NDF : 697830.4/16

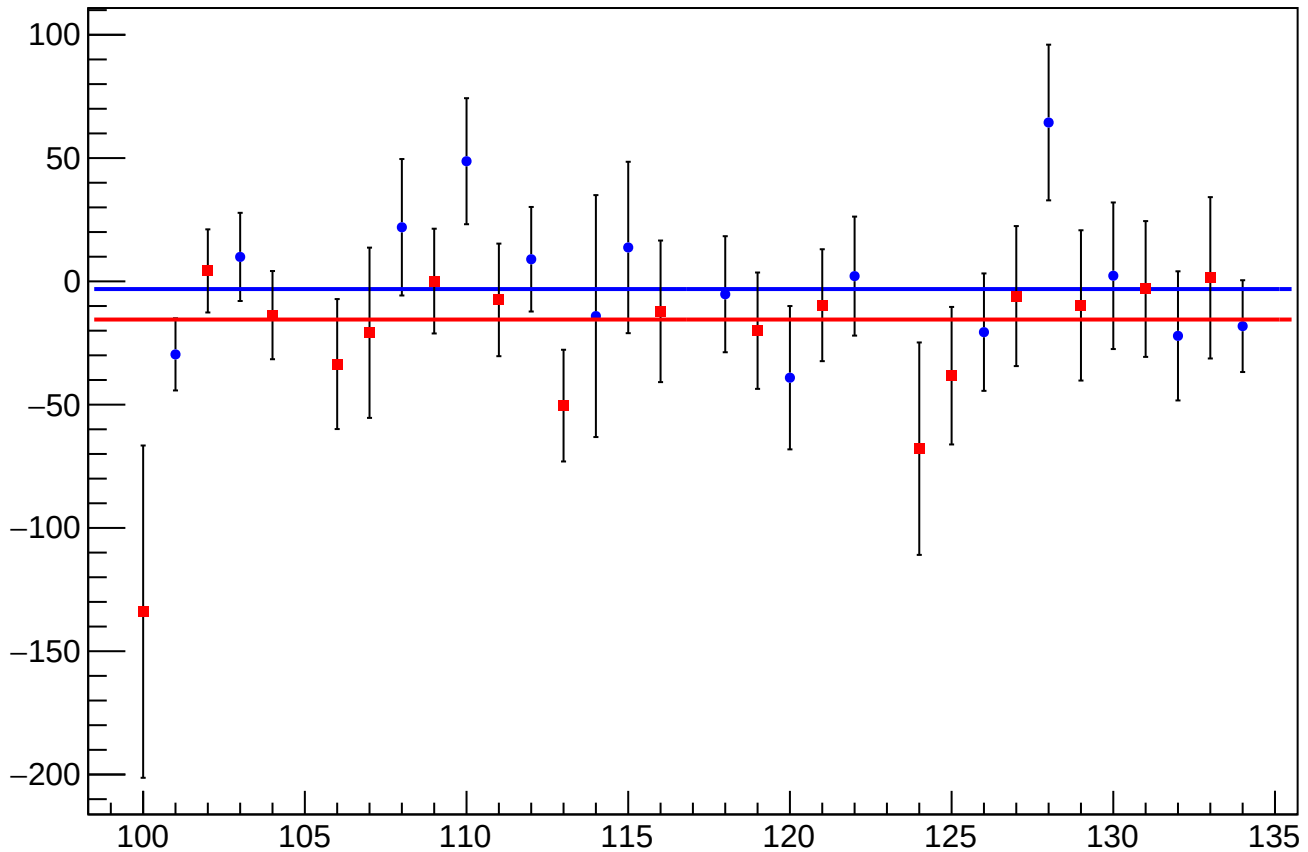
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 1160618.4/31

- 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: -15.480+/-6.134 χ^2/NDF : 10.9/16

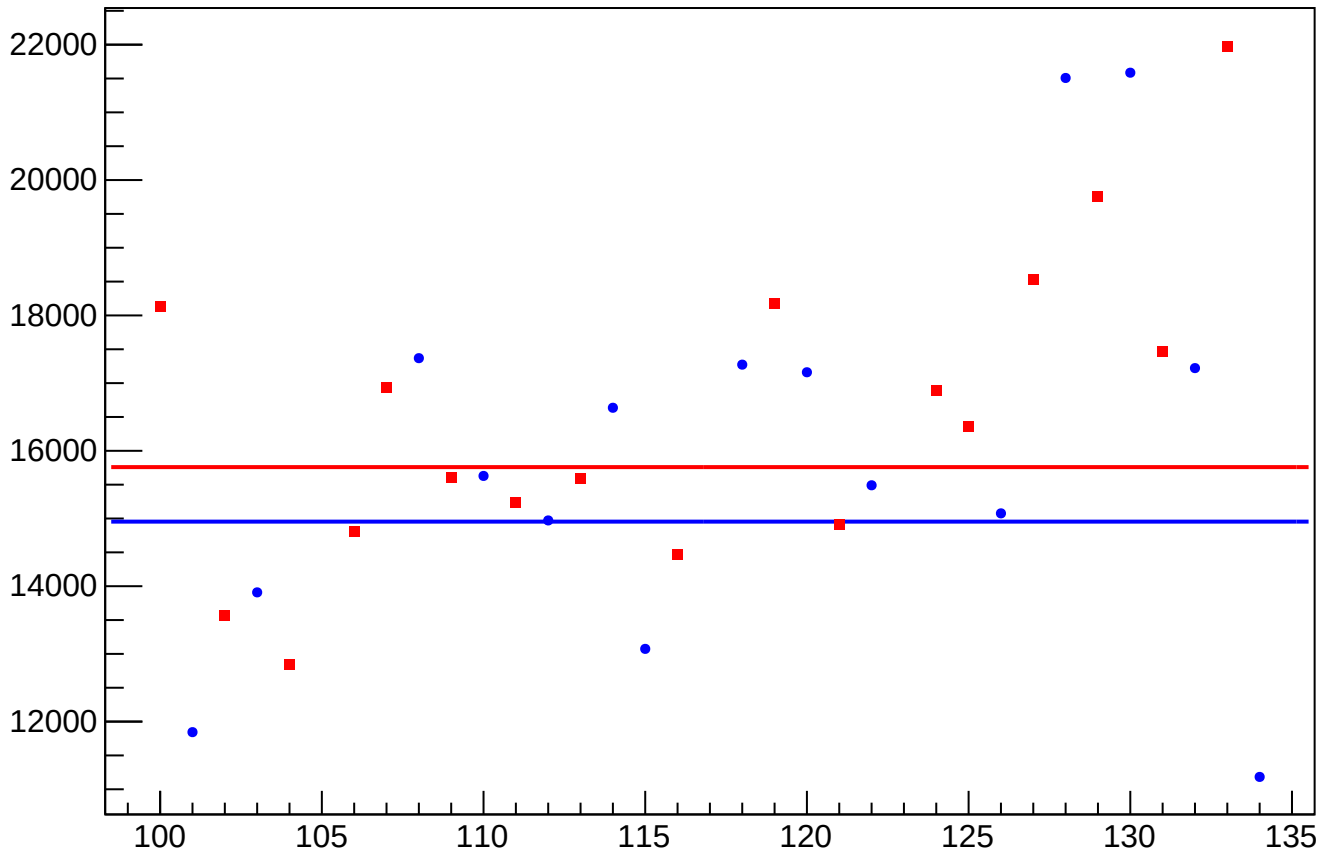
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.246+/-4.318 χ^2/NDF : 30.2/31

- 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

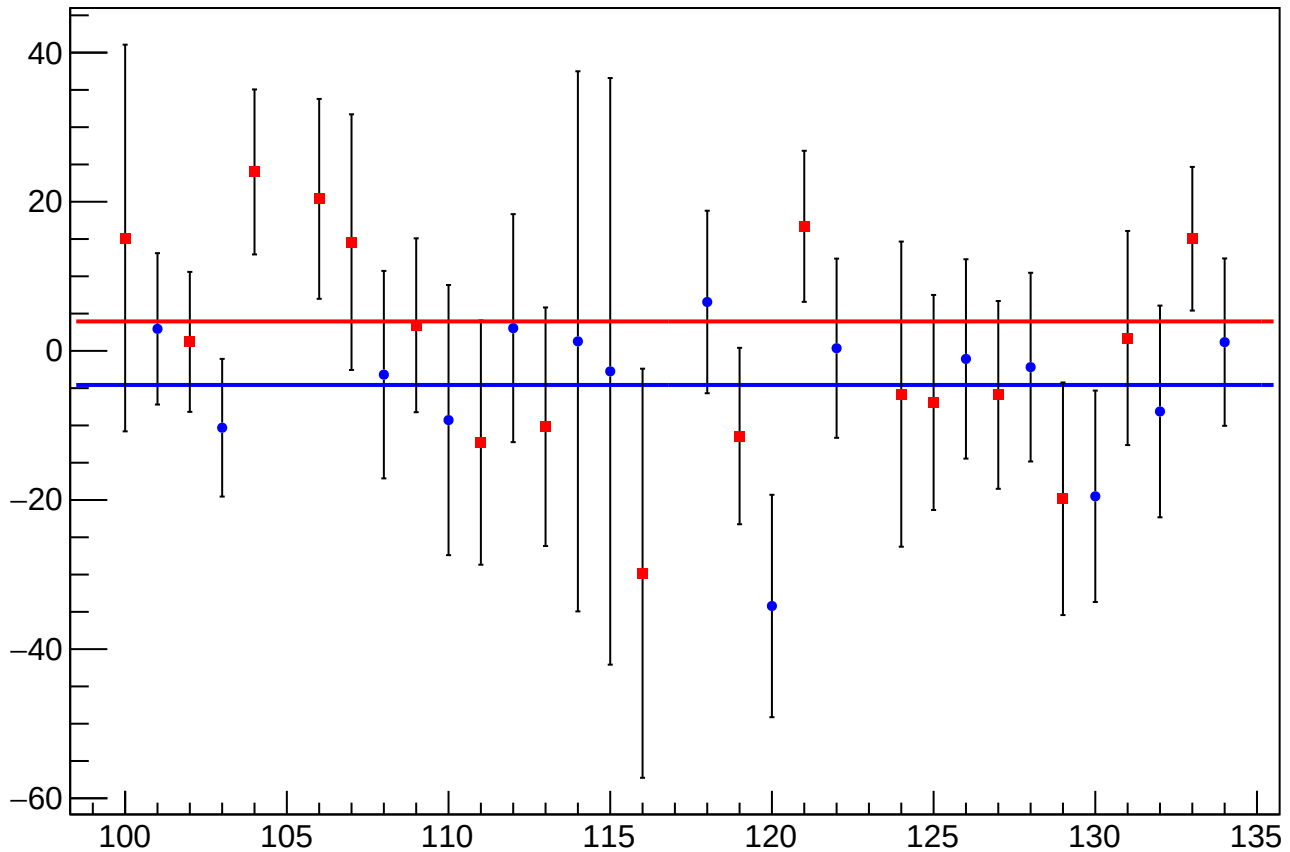
Right Out: 15759.316+/-4.338 χ^2/NDF : 258935.7/16

All: 15353.031+/-3.053 χ^2/NDF : 713272.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 3.951+/-3.220 χ^2/NDF : 17.1/16

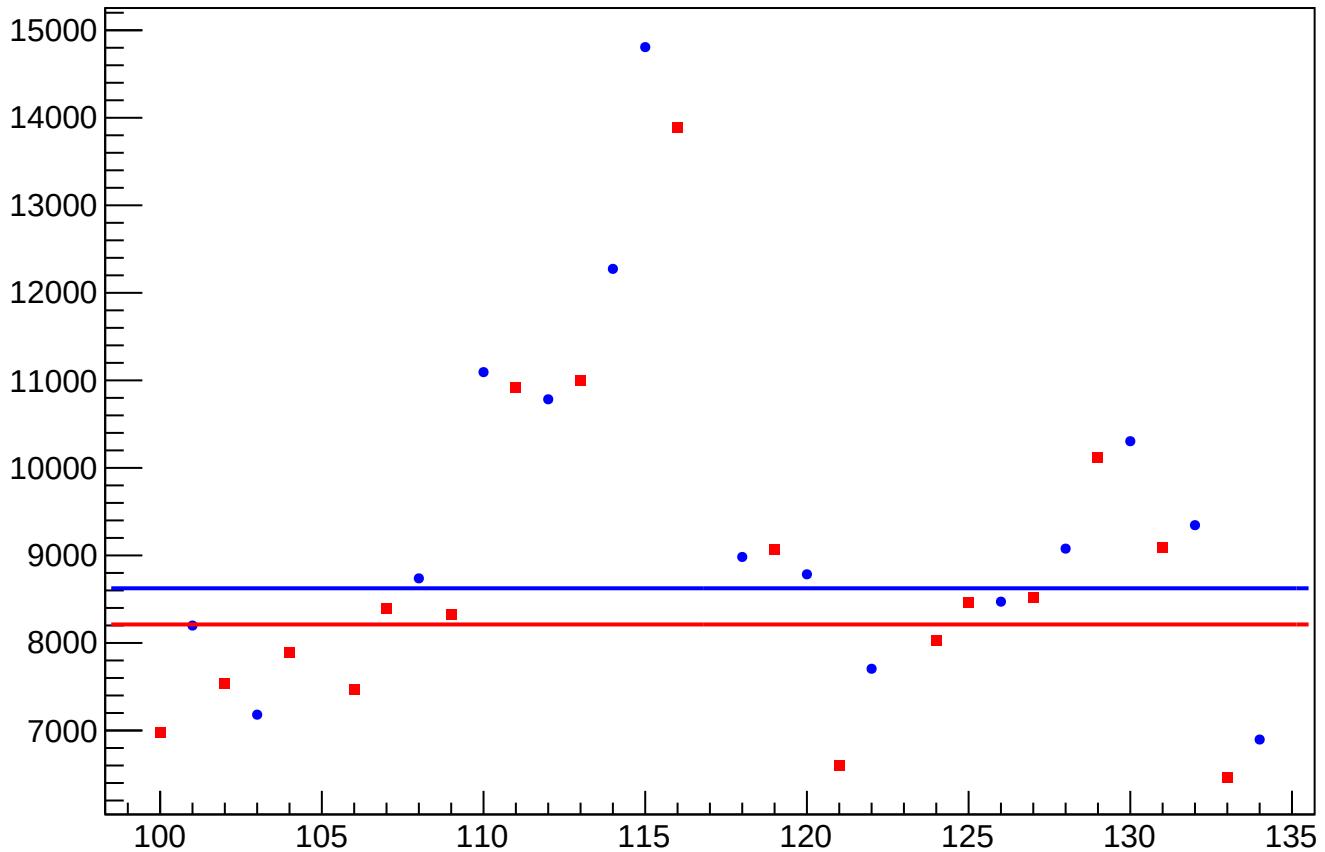
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-2.360 χ^2/NDF : 28.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aY_rms vs Slug



Right In: 8624.639 $\pm$ 2.452 χ^2 /NDF: 296435.9/14

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

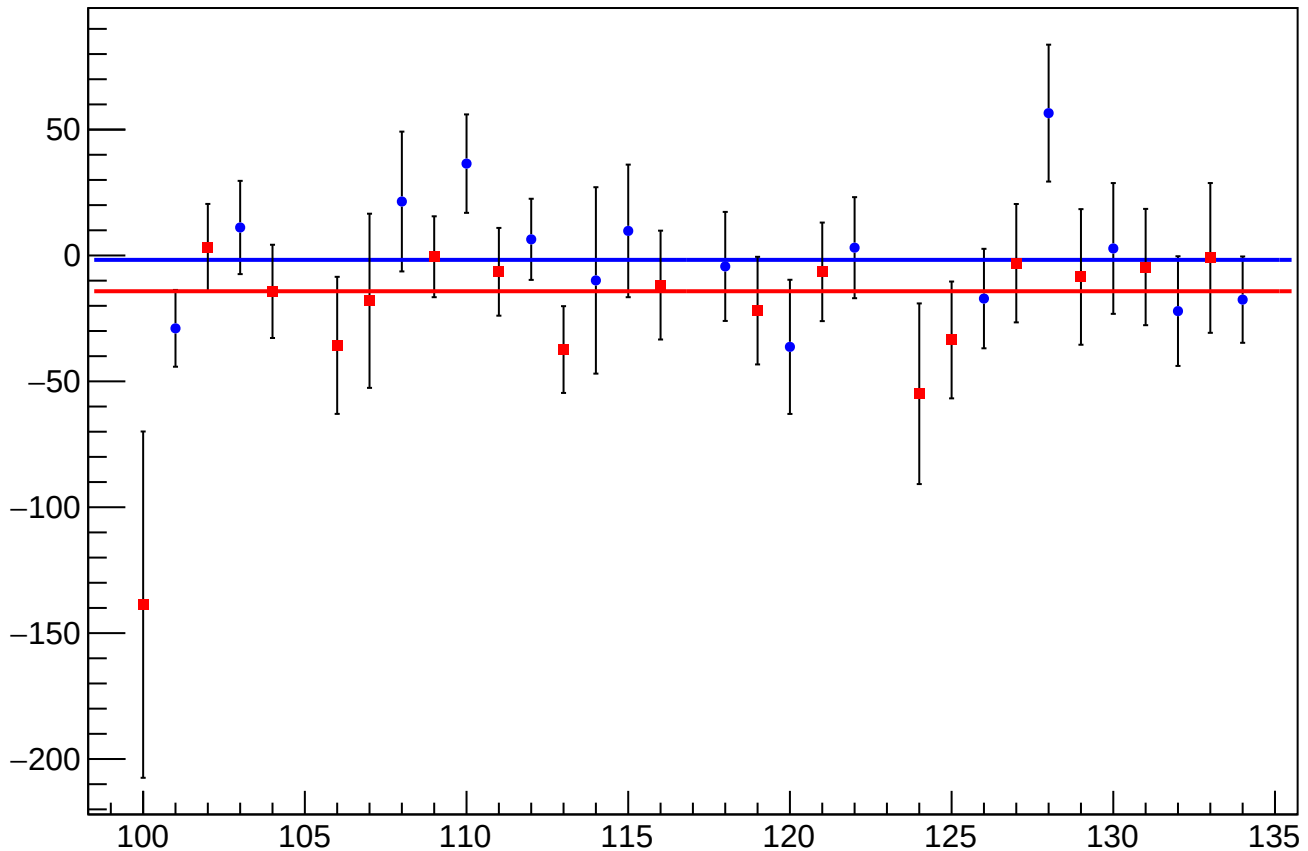
Right Out: 8211.315 $\pm$ 2.277 χ^2 /NDF: 390399.4/16

All: 8402.682 $\pm$ 1.669 χ^2 /NDF: 702089.9/31

- 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

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: -14.205+/-5.354 χ^2 /NDF: 10.5/16

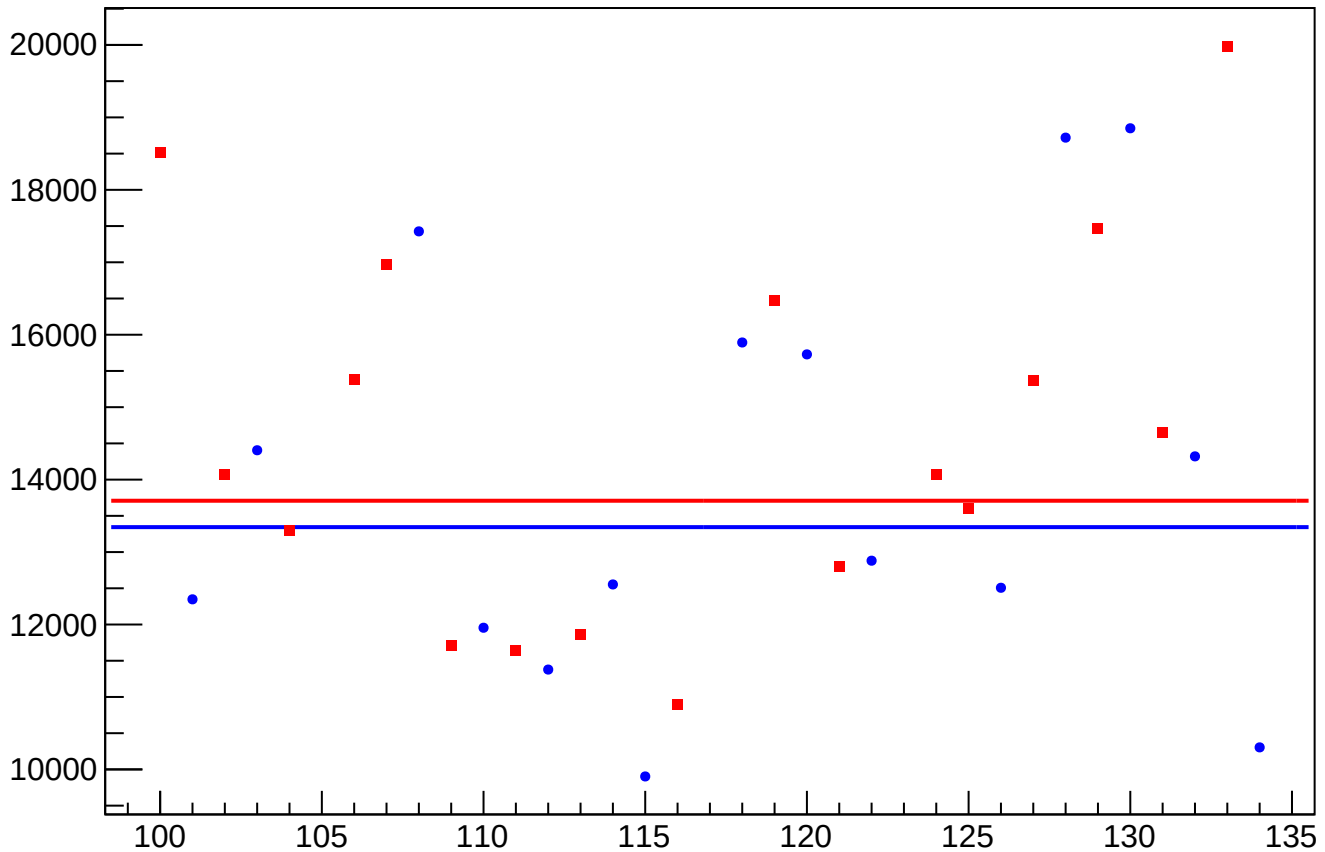
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -8.048+/-3.808 χ^2 /NDF: 30.6/31

- 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: 13708.601+/-3.786 χ^2/NDF : 332329.5/16

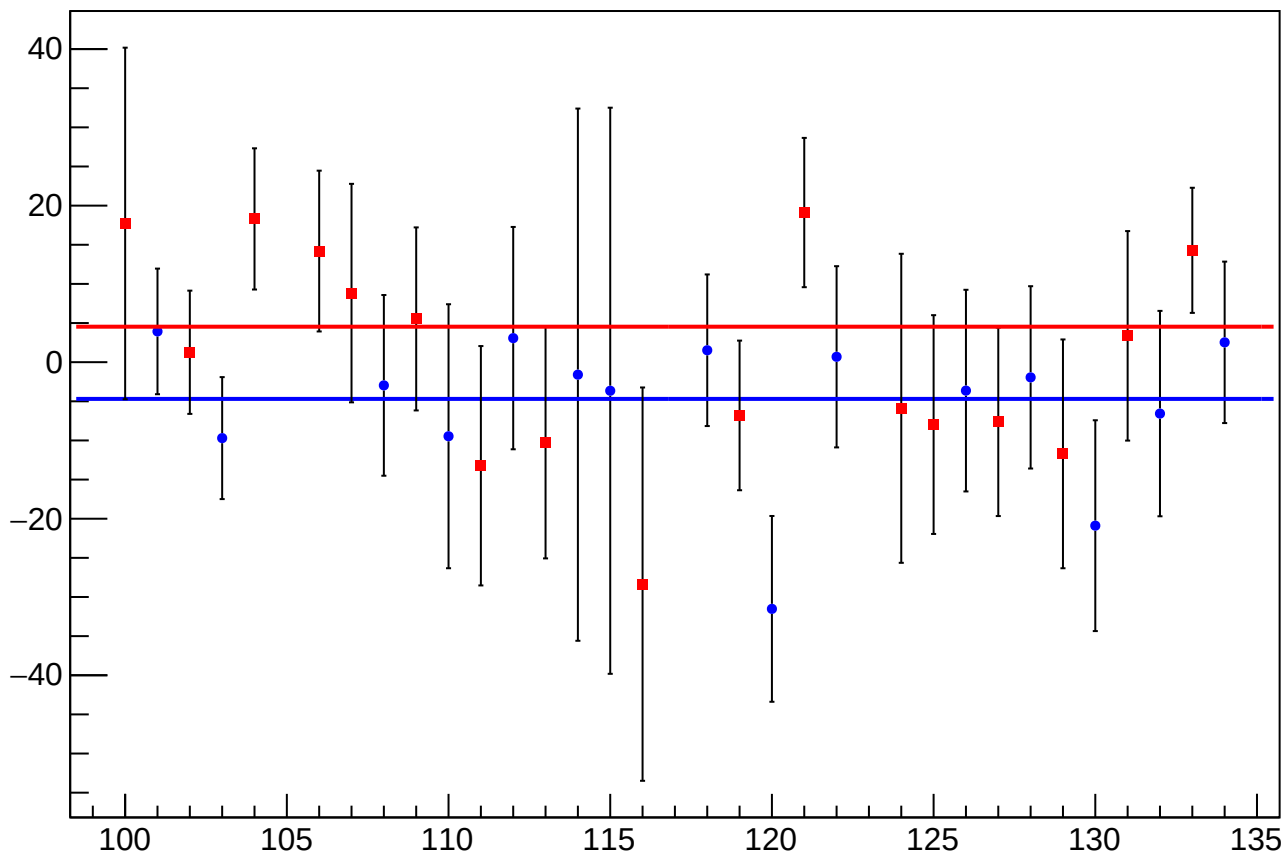
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13528.546+/-2.692 χ^2/NDF : 753584.5/31

- 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: 4.533 ± 2.826 χ^2/NDF : 16.5/16

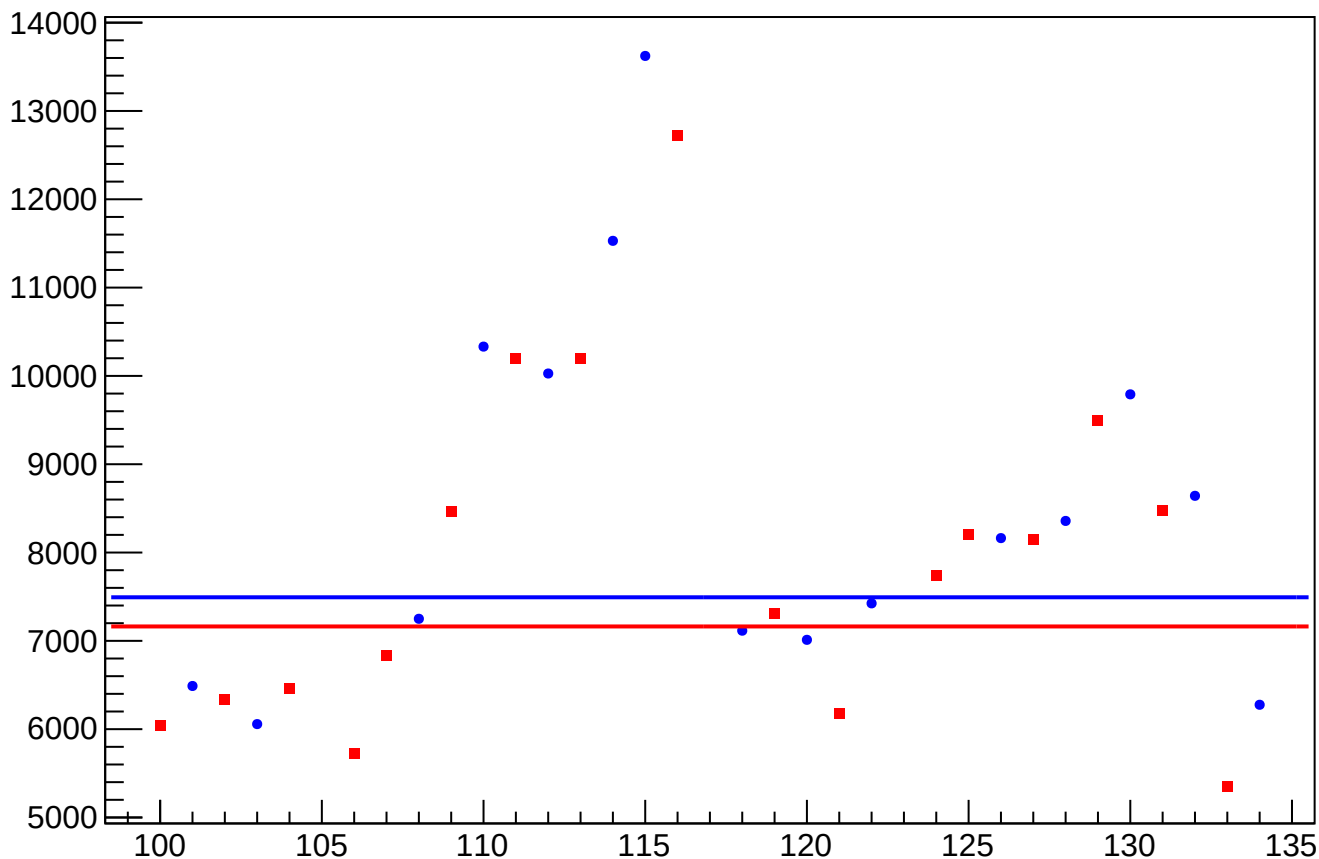
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.240 ± 2.067 χ^2/NDF : 31.2/31

- 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: 7163.052+/-1.998 χ^2/NDF : 586022.6/16

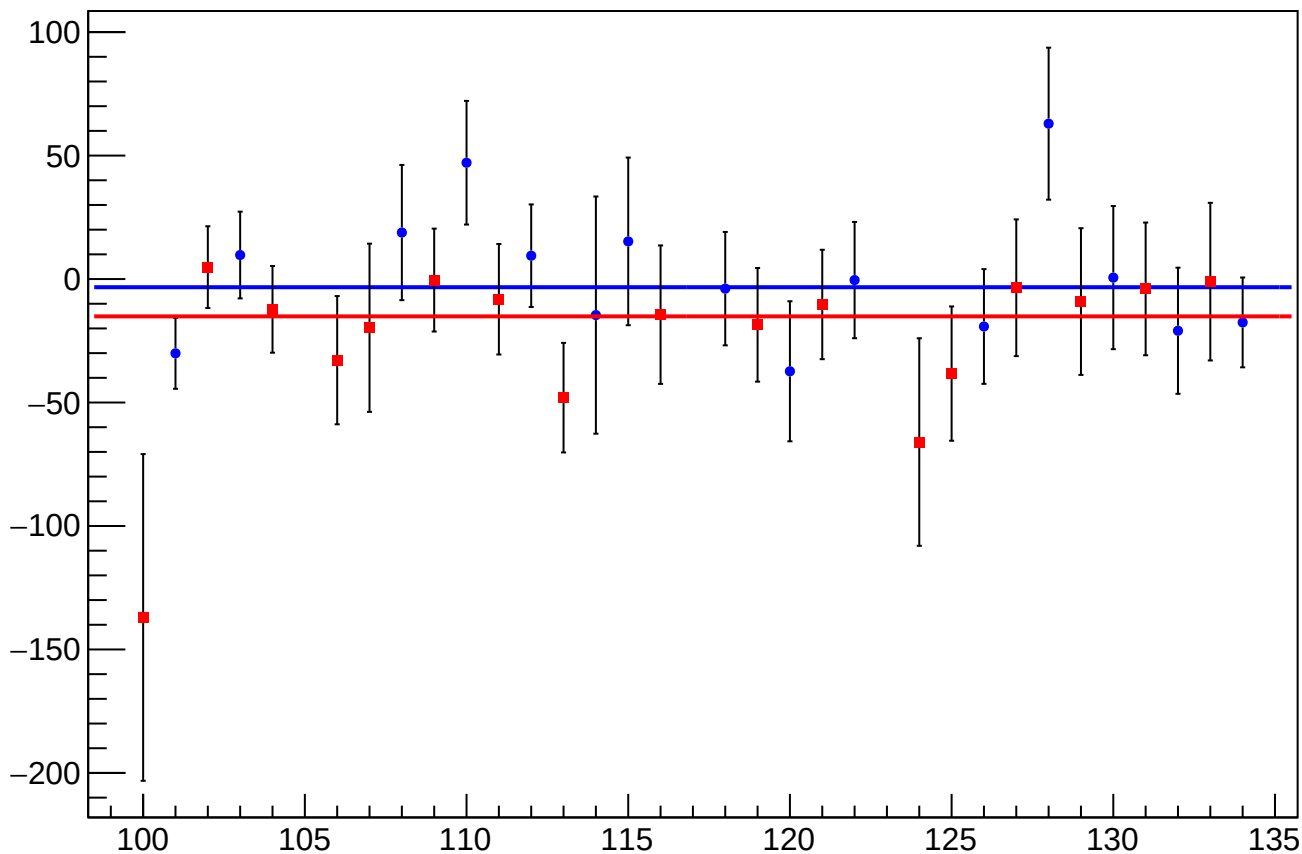
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7316.740+/-1.461 χ^2/NDF : 1029096.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4acX_mean vs Slug



Right In: -3.305 $\pm$ 5.951 χ^2/NDF : 17.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -15.115 $\pm$ 6.006 χ^2/NDF : 11.0/16

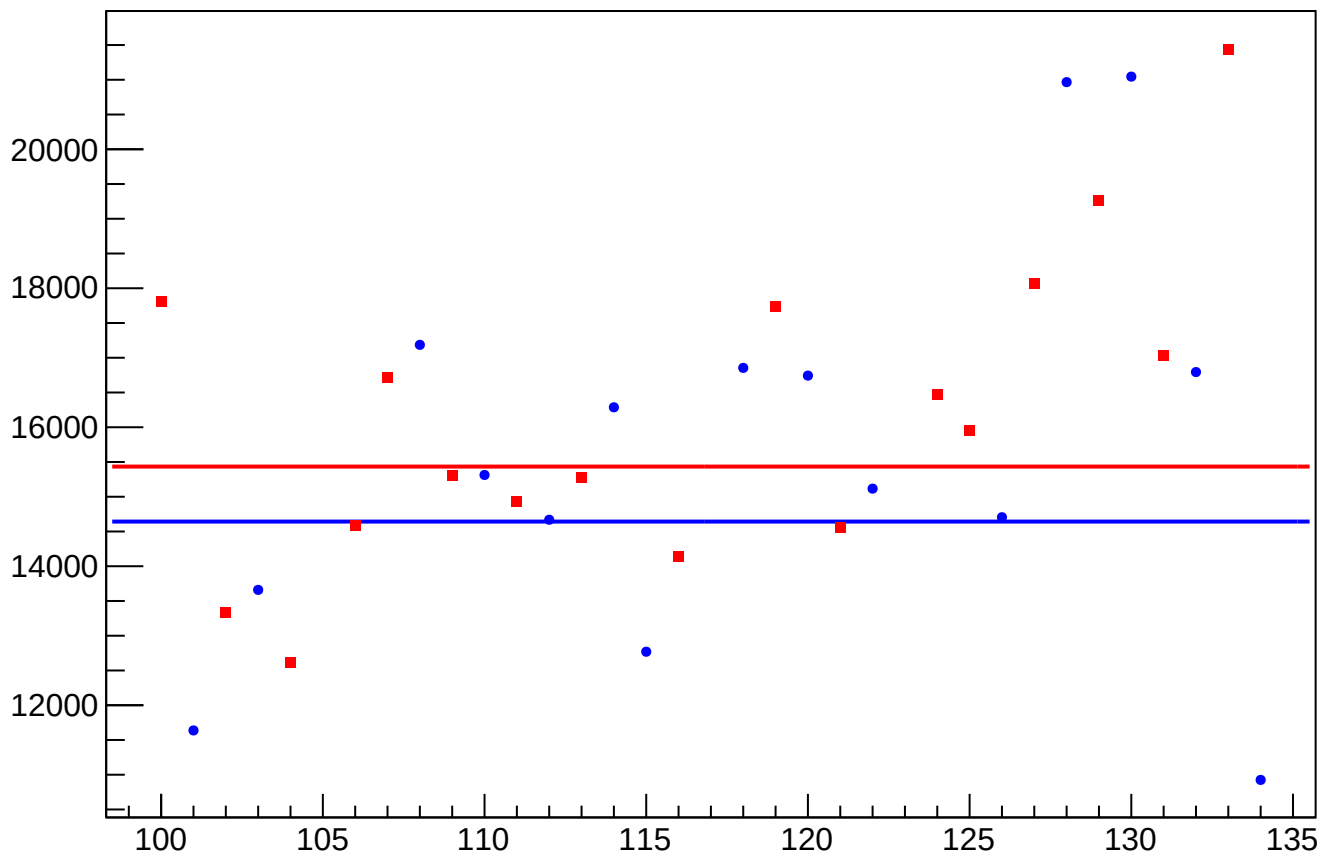
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -9.156 $\pm$ 4.227 χ^2/NDF : 30.1/31

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_bpm4acX_rms vs Slug



Right In: 14642.692 $\pm$ 4.208 χ^2 /NDF: 431052.9/14

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

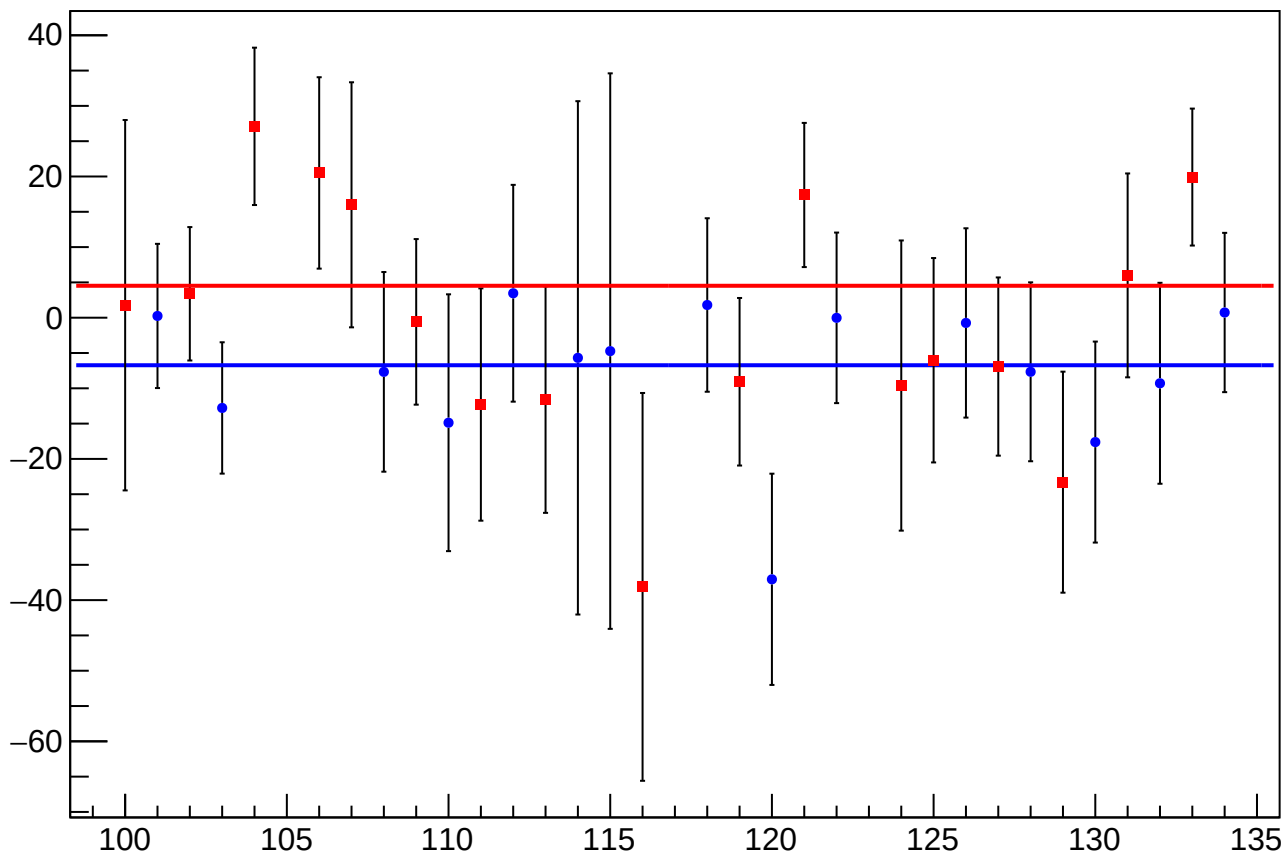
Right Out: 15433.996 $\pm$ 4.247 χ^2 /NDF: 251260.6/16

All: 15034.715 $\pm$ 2.989 χ^2 /NDF: 699831.0/31

- 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

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: 4.523+/-3.240 χ^2 /NDF: 21.0/16

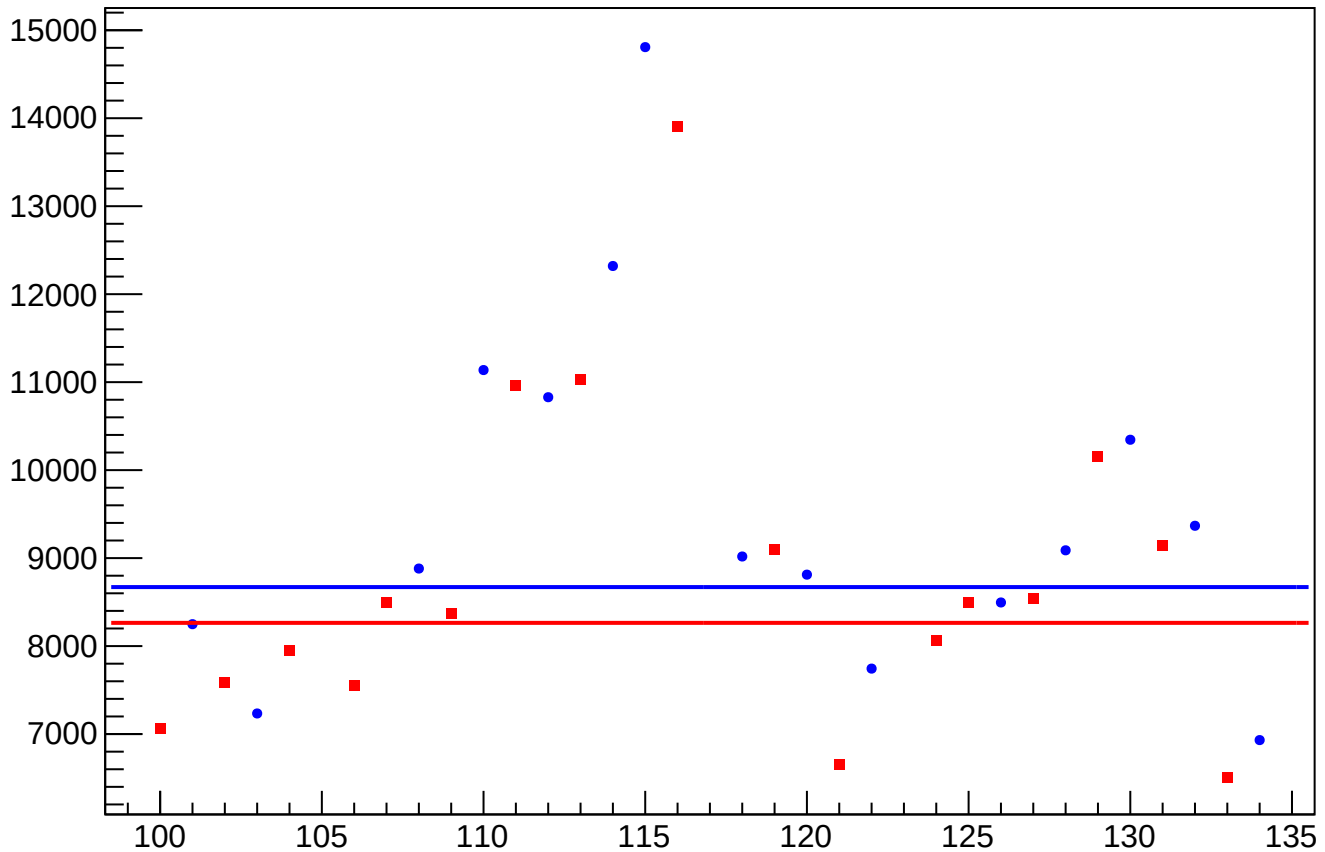
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.693+/-2.373 χ^2 /NDF: 34.3/31

- 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

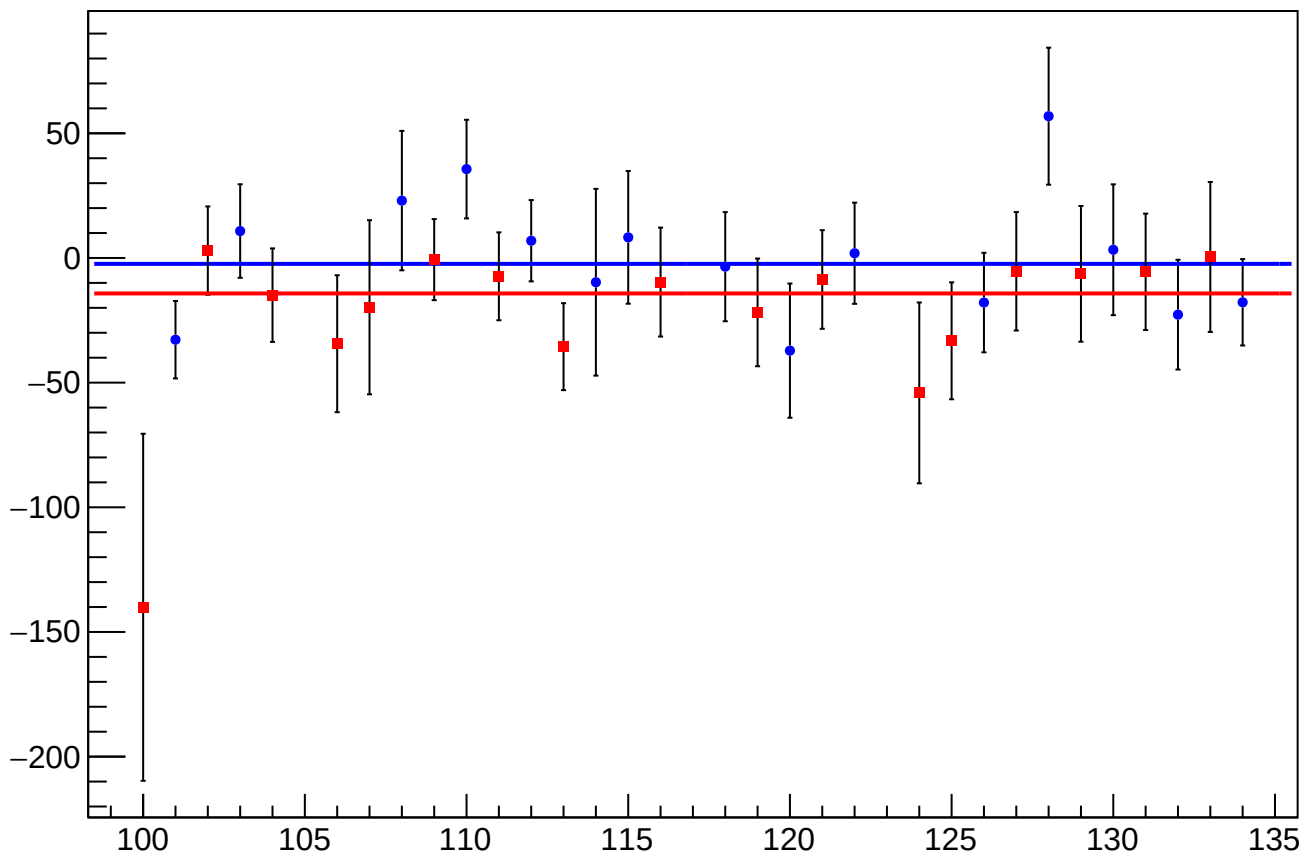
Right Out: 8263.966+/-2.291 χ^2/NDF : 383496.9/16

All: 8452.461+/-1.678 χ^2/NDF : 690888.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -14.229+/-5.414 χ^2/NDF : 9.8/16

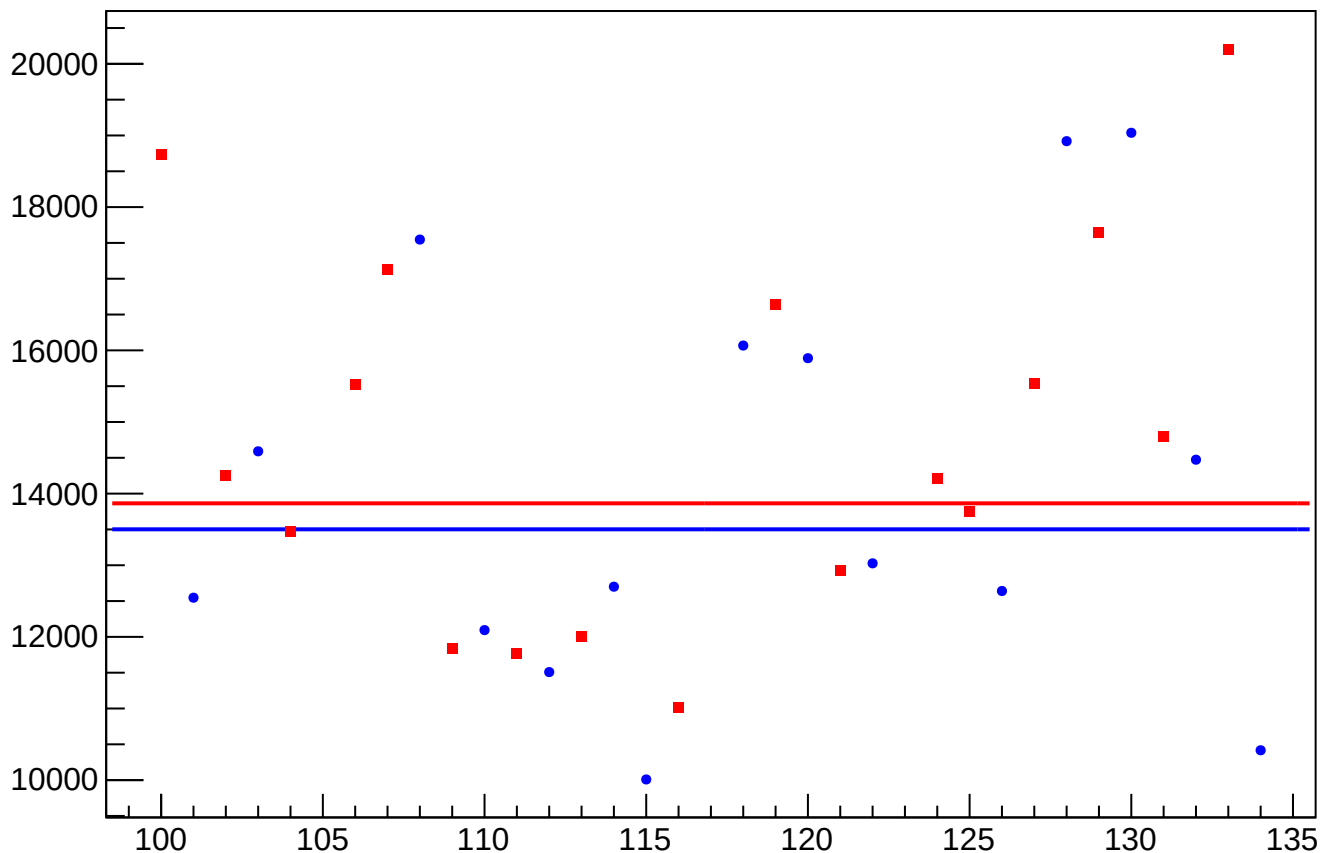
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.369+/-3.852 χ^2/NDF : 30.2/31

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

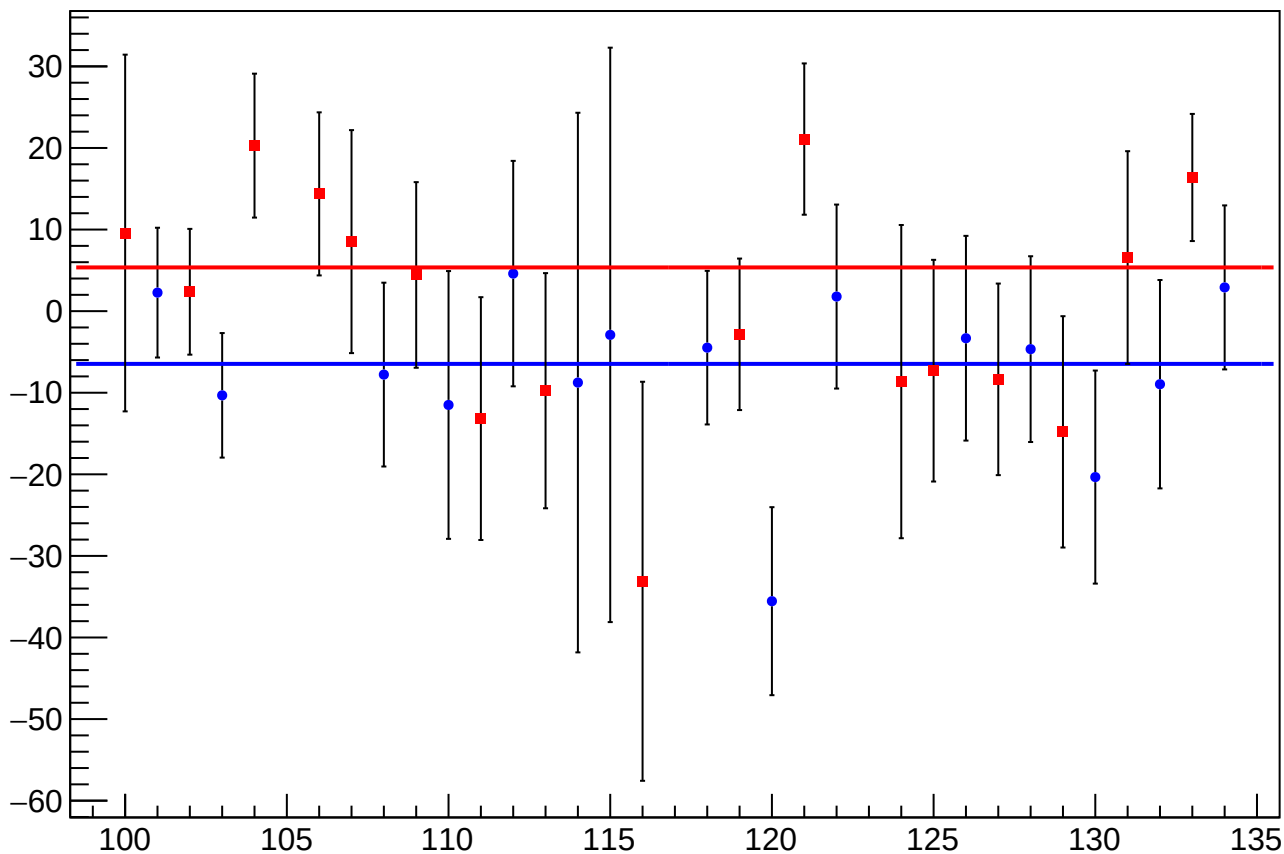
Right Out: 13864.200+/-3.829 χ^2/NDF : 330999.5/16

All: 13685.150+/-2.724 χ^2/NDF : 749147.9/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 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: 5.359 ± 2.754 χ^2/NDF : 19.5/16

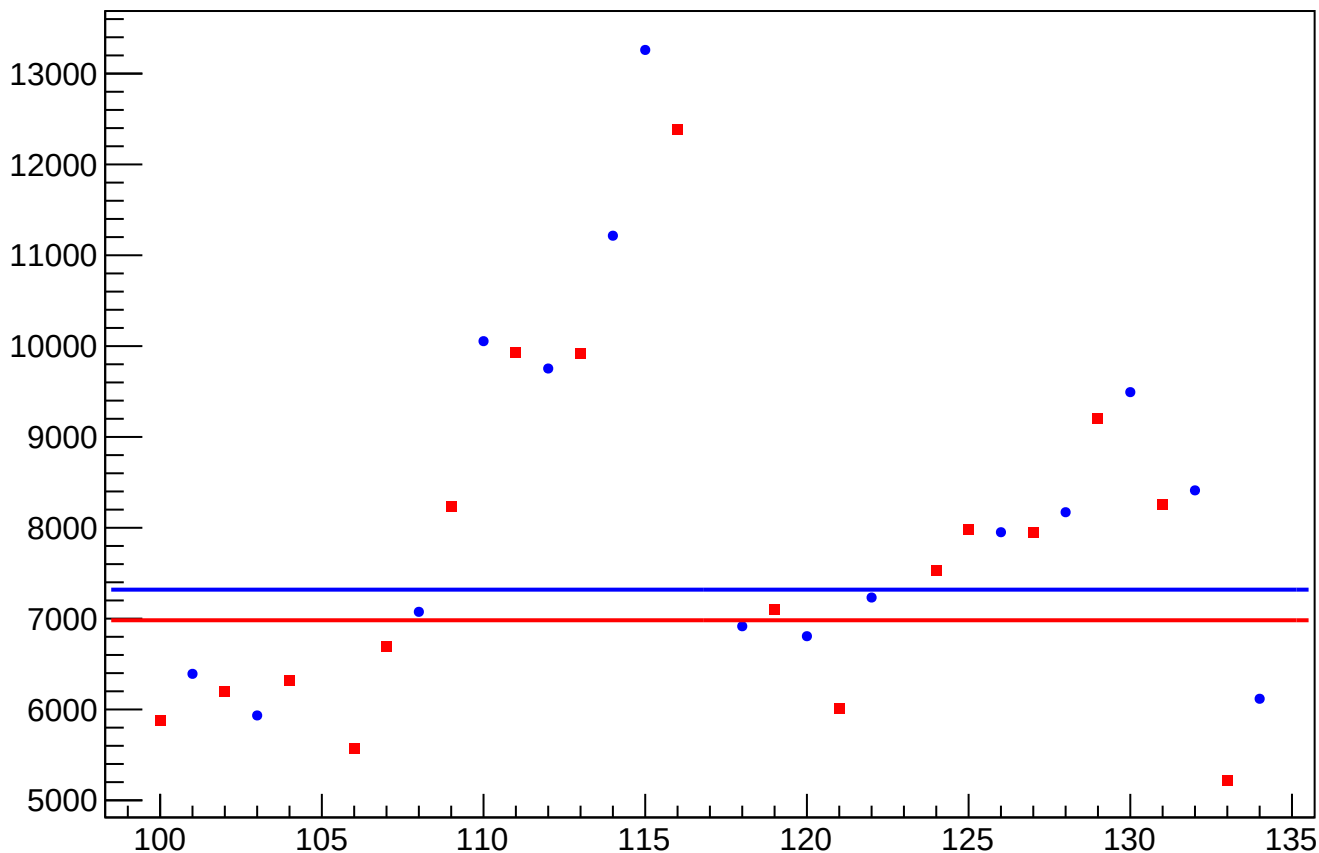
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.129 ± 2.016 χ^2/NDF : 39.4/31

- 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

Right Out: 6982.026+/-1.948 χ^2/NDF : 579999.6/16

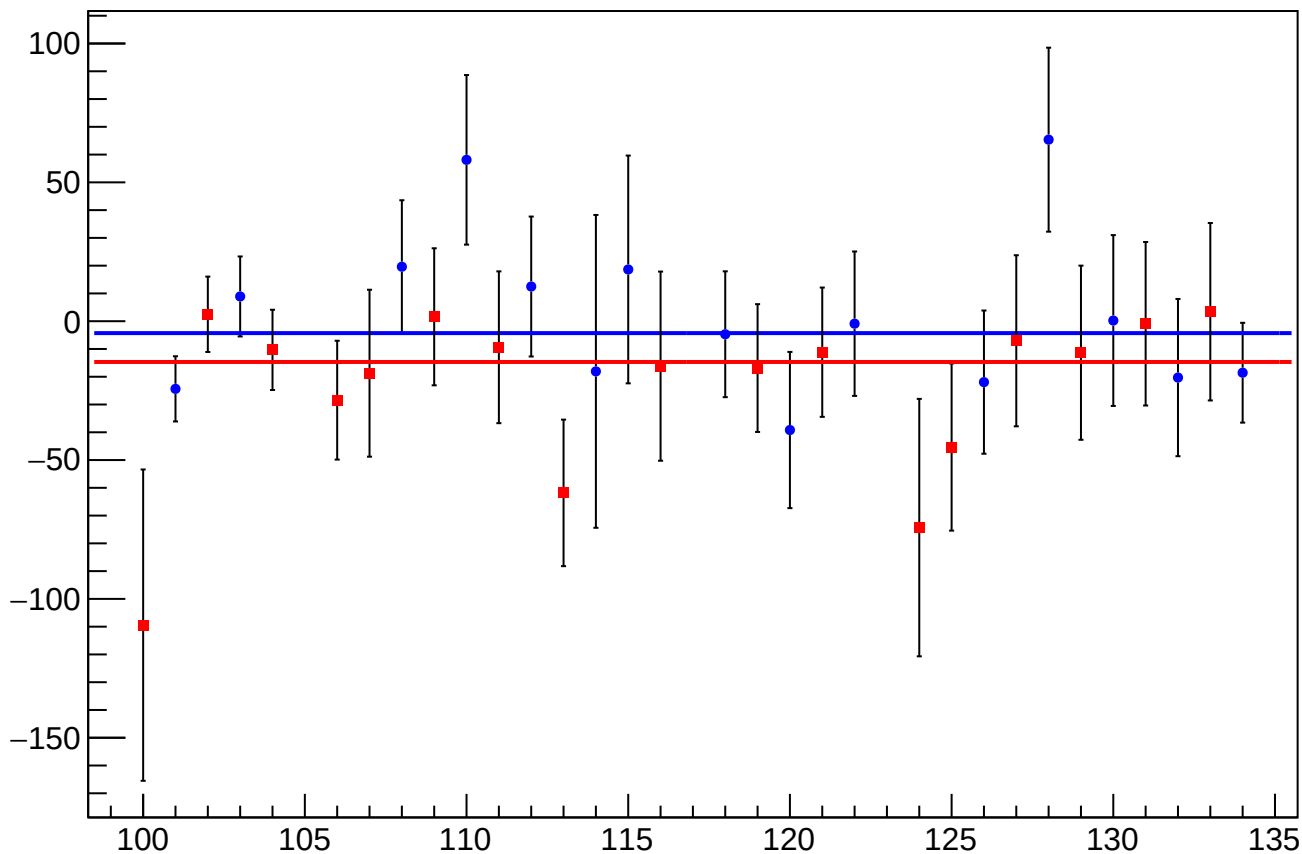
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7138.420+/-1.426 χ^2/NDF : 1012904.9/31

- sign 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: -14.682+/-5.911 χ^2 /NDF: 12.0/16

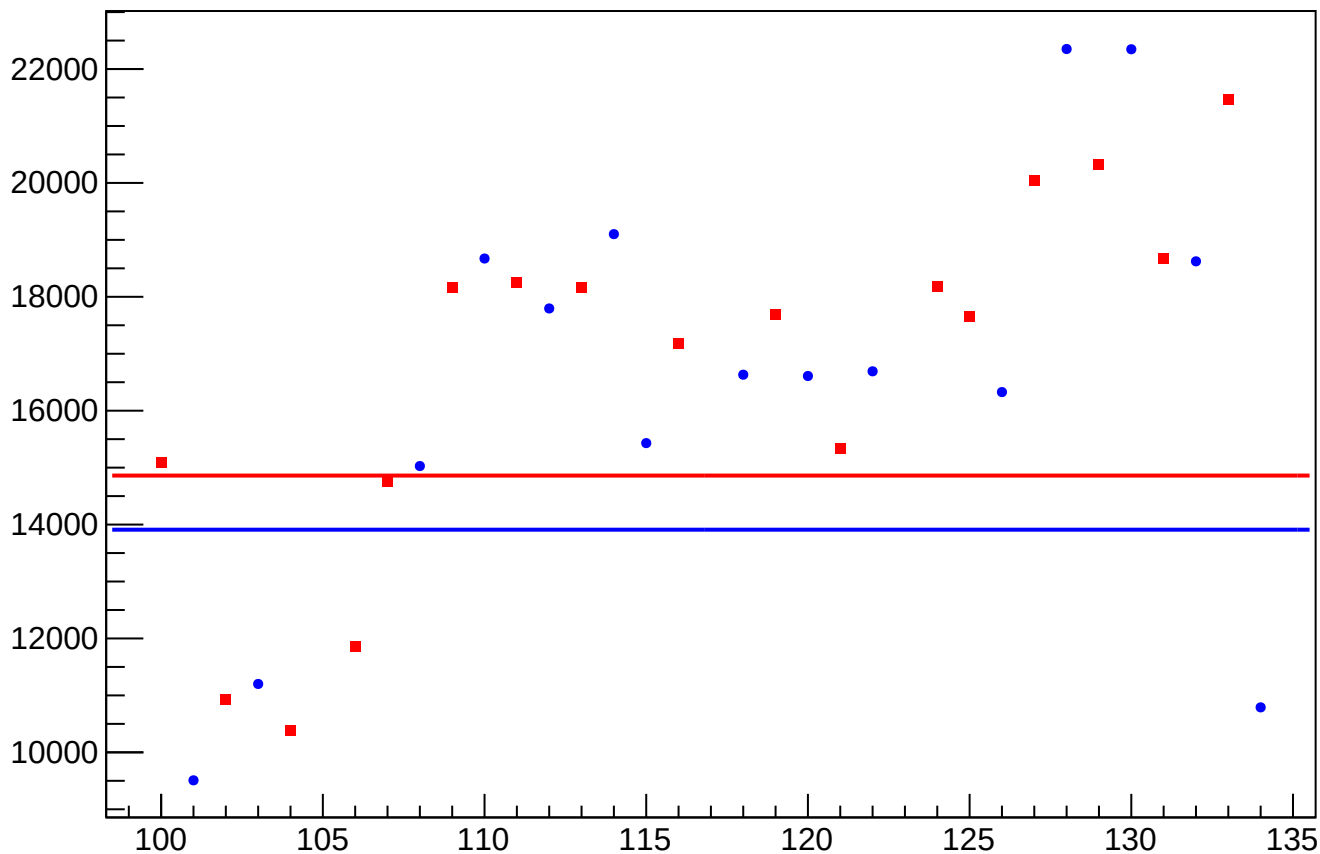
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -9.372+/-4.134 χ^2 /NDF: 30.7/31

- 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

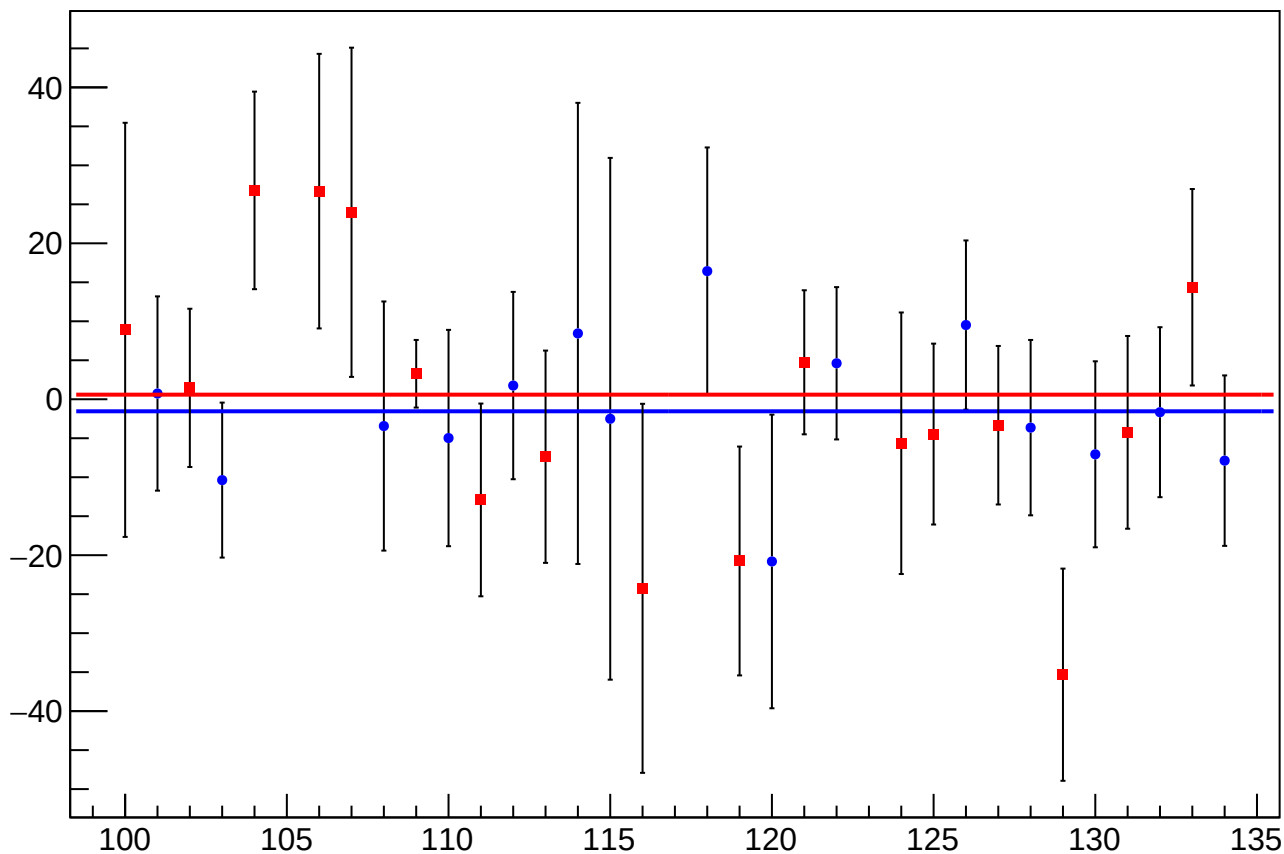
Right Out: 14860.684+/-4.180 χ^2/NDF : 802444.7/16

All: 14375.157+/-2.923 χ^2/NDF : 1784907.5/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1Y_mean vs Slug



Right In: -1.544 ± 3.294 χ^2/NDF : 5.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.589 ± 2.626 χ^2/NDF : 21.9/16

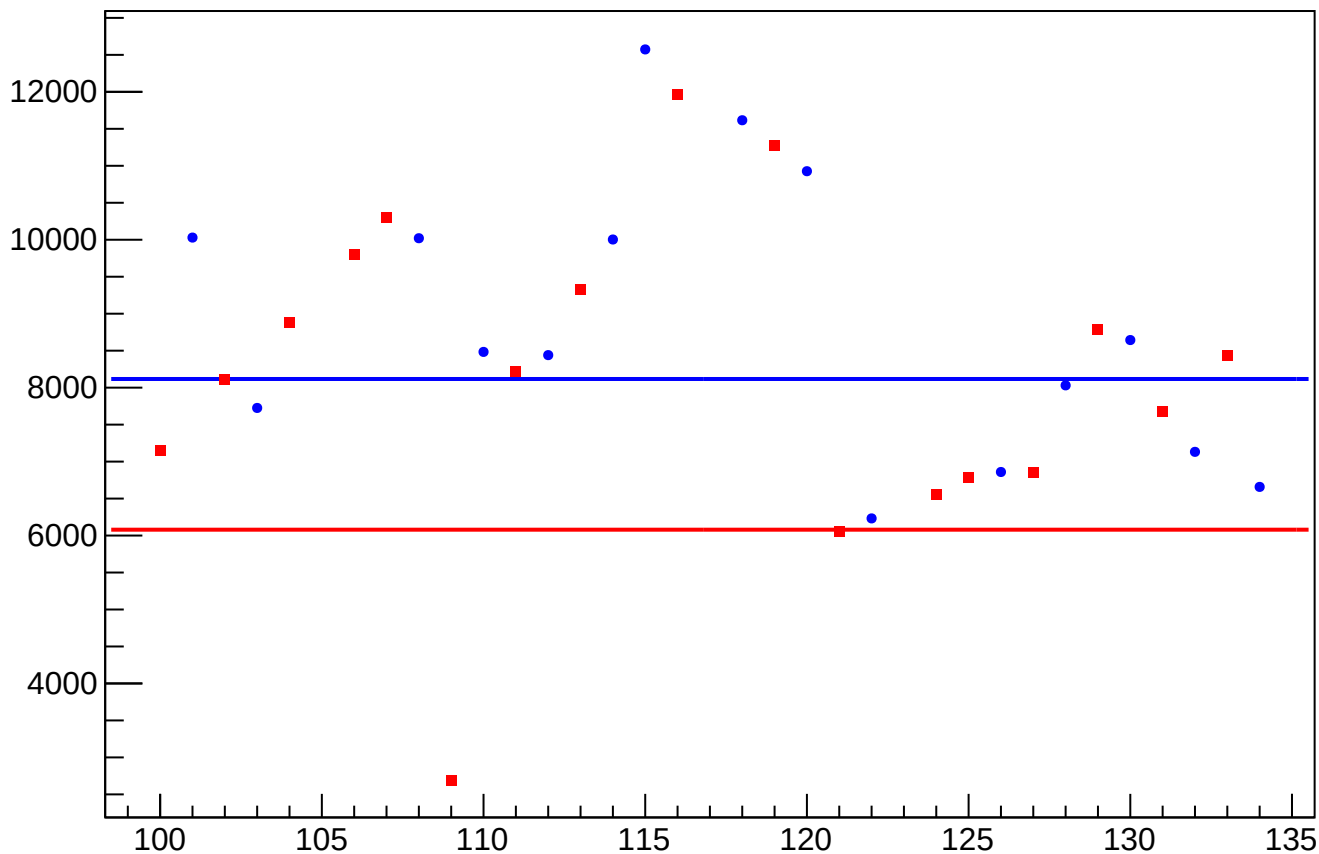
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.240 ± 2.054 χ^2/NDF : 27.6/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm1Y_rms vs Slug



Right In: 8117.073+/-2.330 χ^2/NDF : 424279.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6079.260+/-1.857 χ^2/NDF : 2326377.9/16

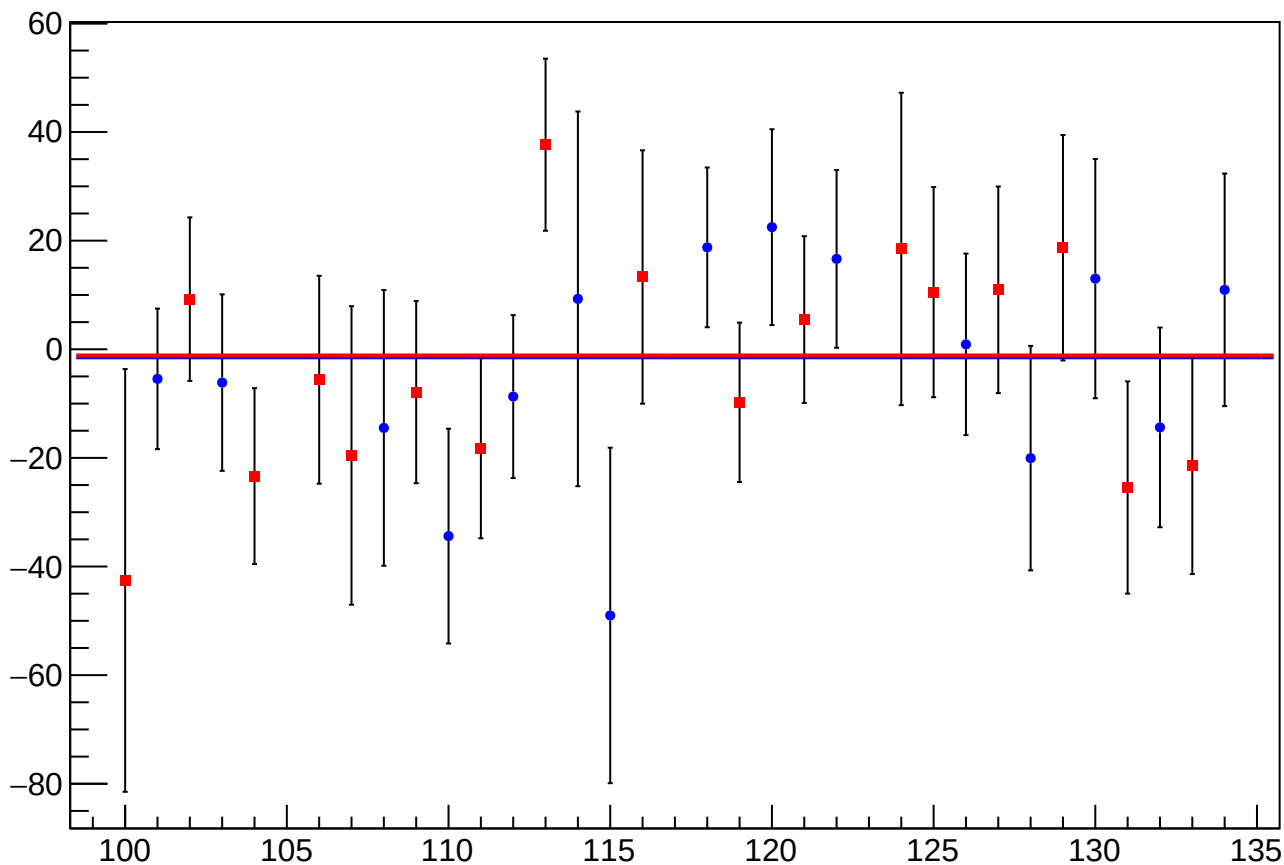
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6871.046+/-1.452 χ^2/NDF : 3218559.5/31

- sign 0.000+/-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: -1.143 ± 4.521 χ^2/NDF : 16.9/16

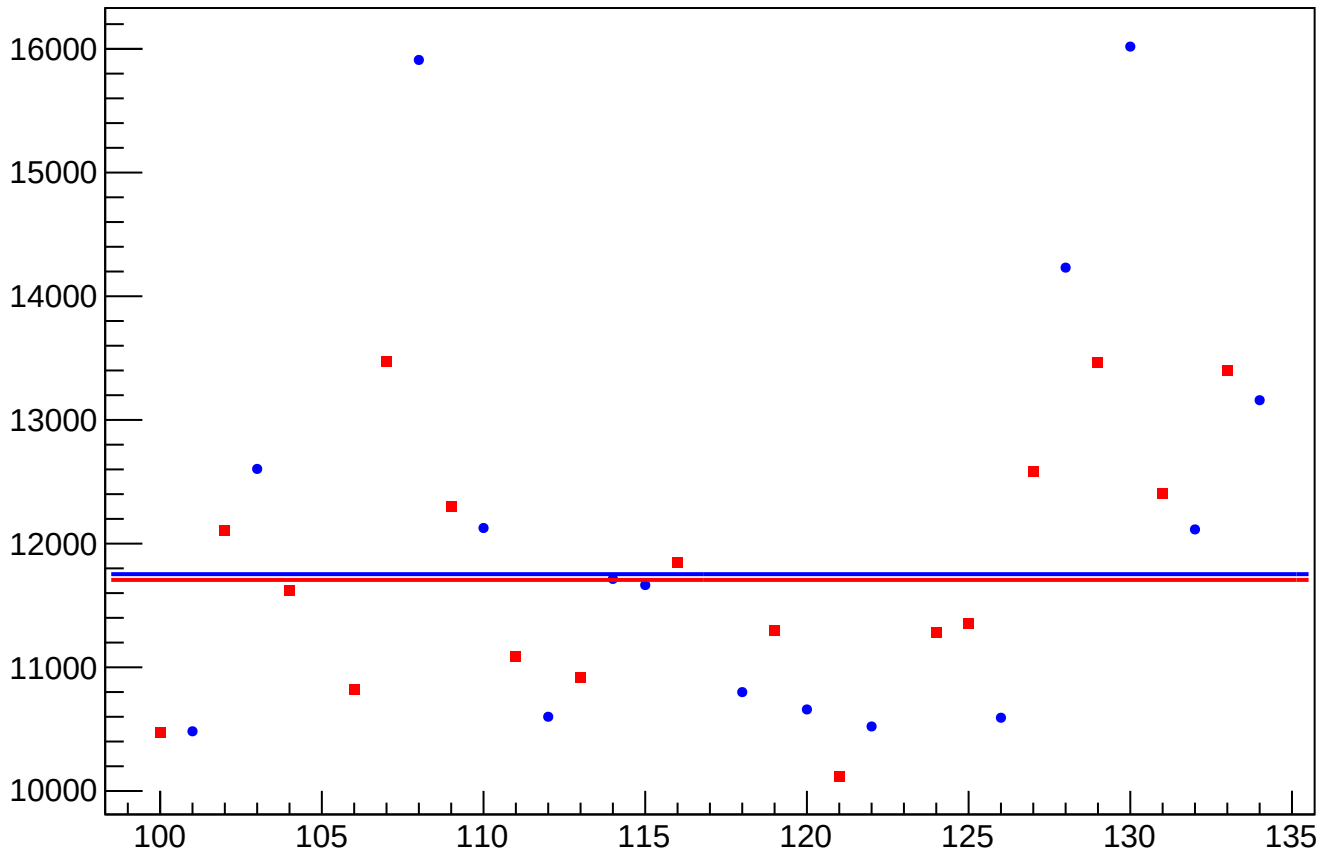
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.302 ± 3.267 χ^2/NDF : 29.7/31

- 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: 11706.785+/-3.197 χ^2/NDF : 85859.1/16

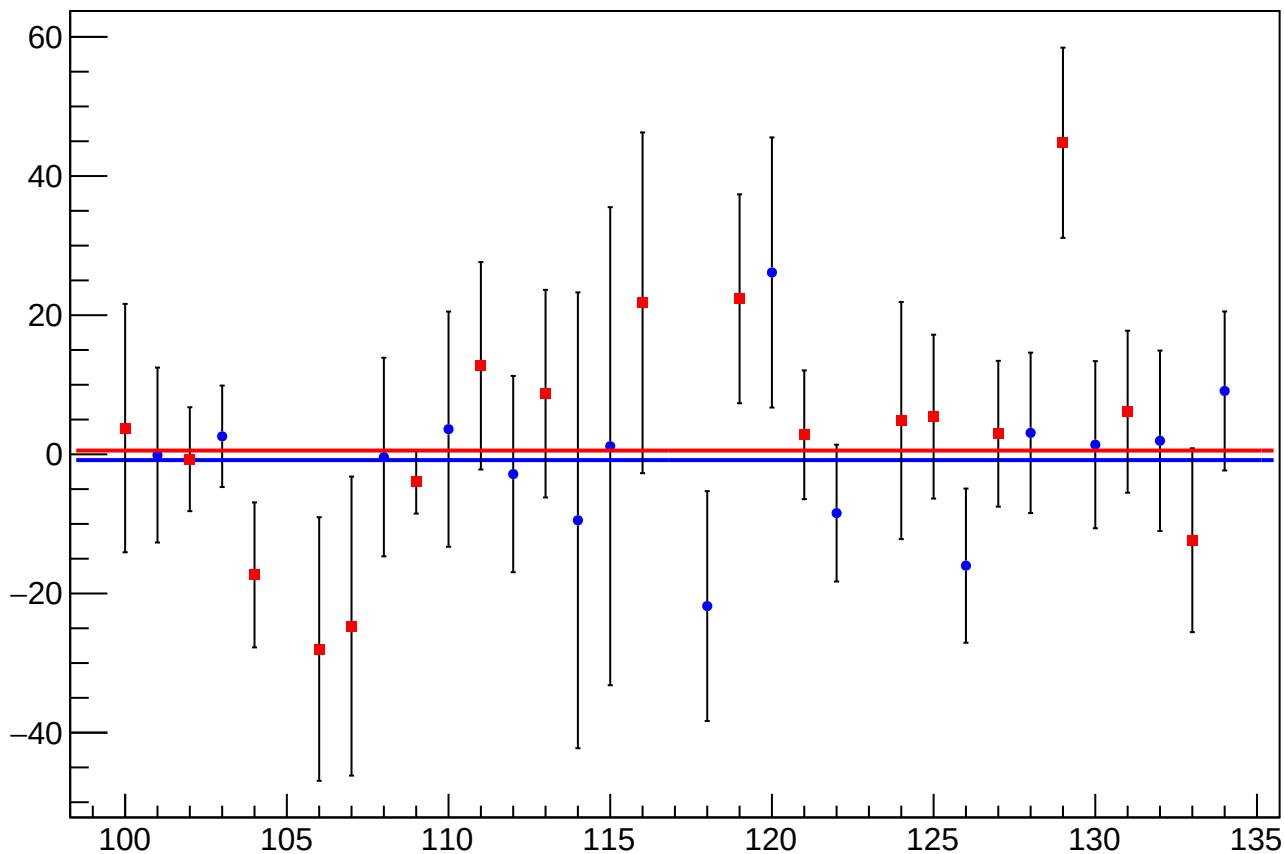
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11728.935+/-2.310 χ^2/NDF : 326827.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm11Y_mean vs Slug



Right In: -0.829 ± 3.275 $\chi^2/\text{NDF}: 7.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.543 ± 2.598 $\chi^2/\text{NDF}: 23.5/16$

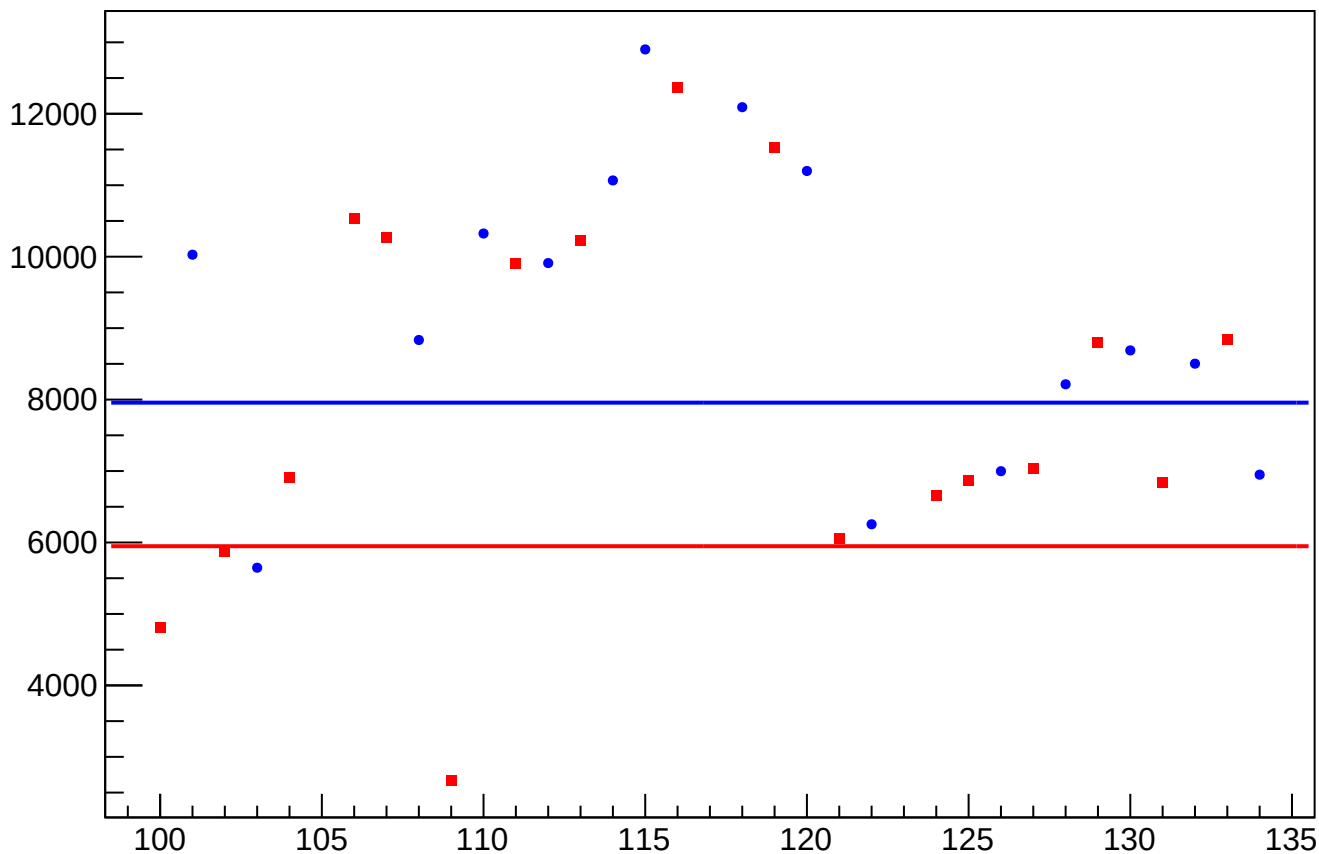
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.013 ± 2.035 $\chi^2/\text{NDF}: 30.9/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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

Right Out: 5948.032+/-1.837 χ^2/NDF : 2207005.0/16

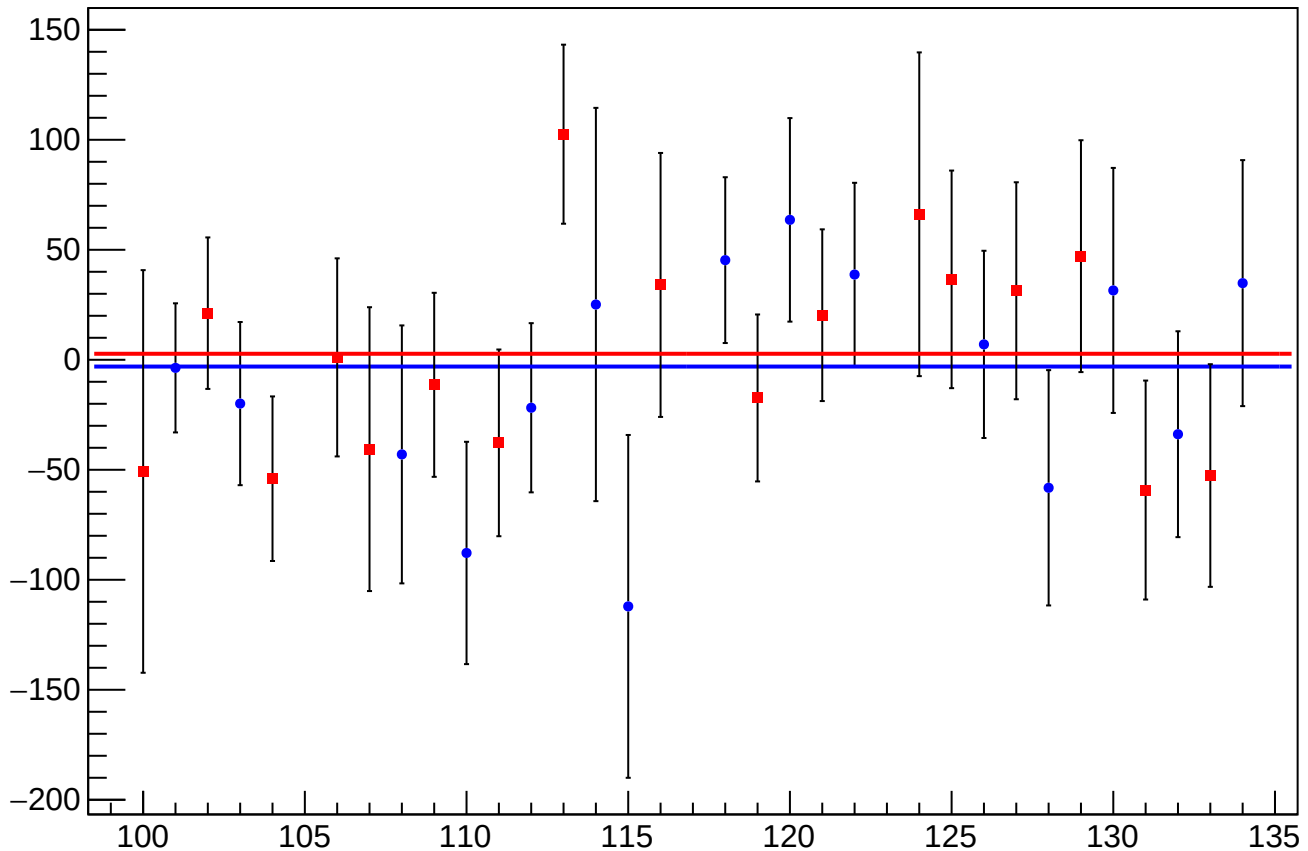
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6723.851+/-1.439 χ^2/NDF : 3352043.9/31

- sign 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: 2.733 ± 11.229 χ^2/NDF : 16.2/16

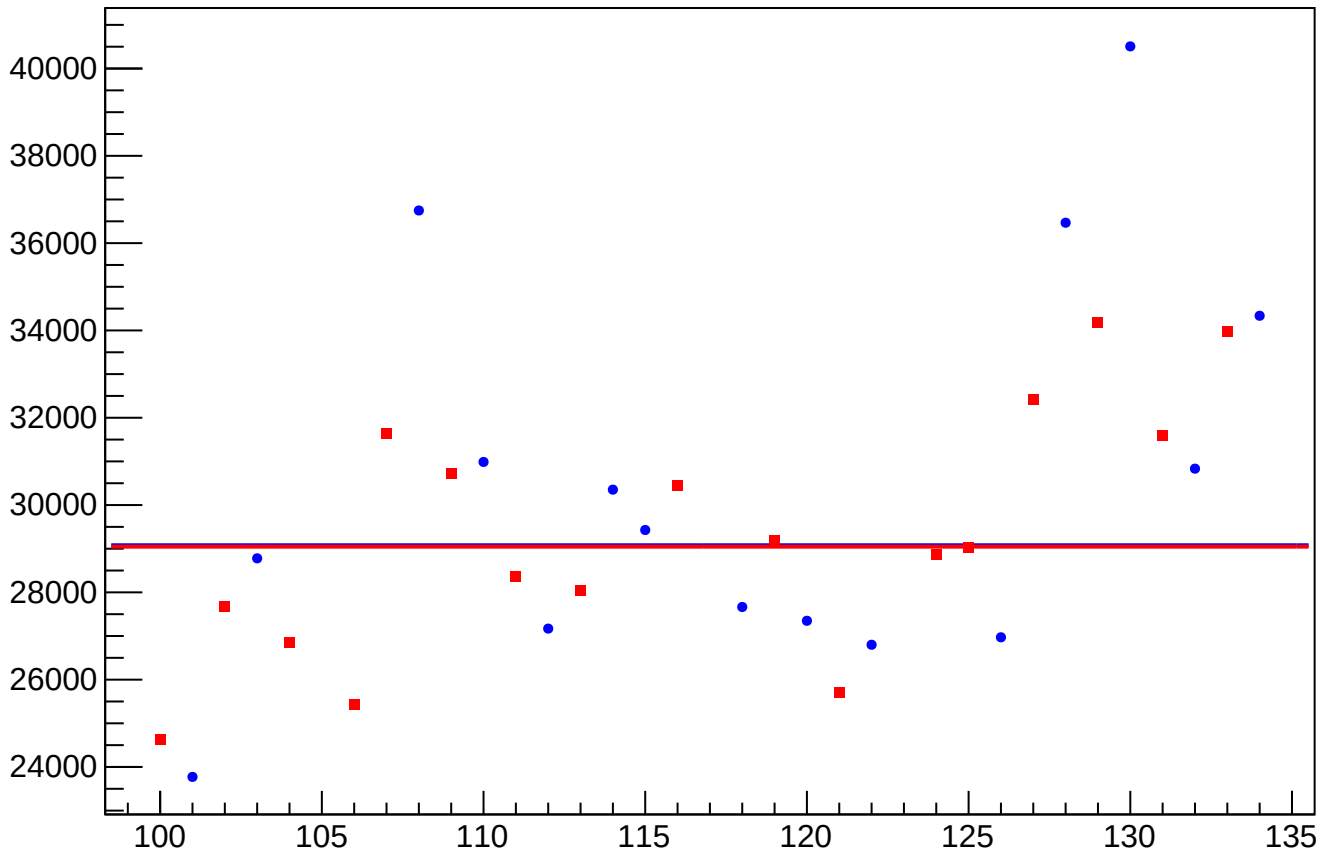
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.050 ± 8.107 χ^2/NDF : 29.2/31

- 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: 29047.005+/-7.940 χ^2/NDF : 104060.6/16

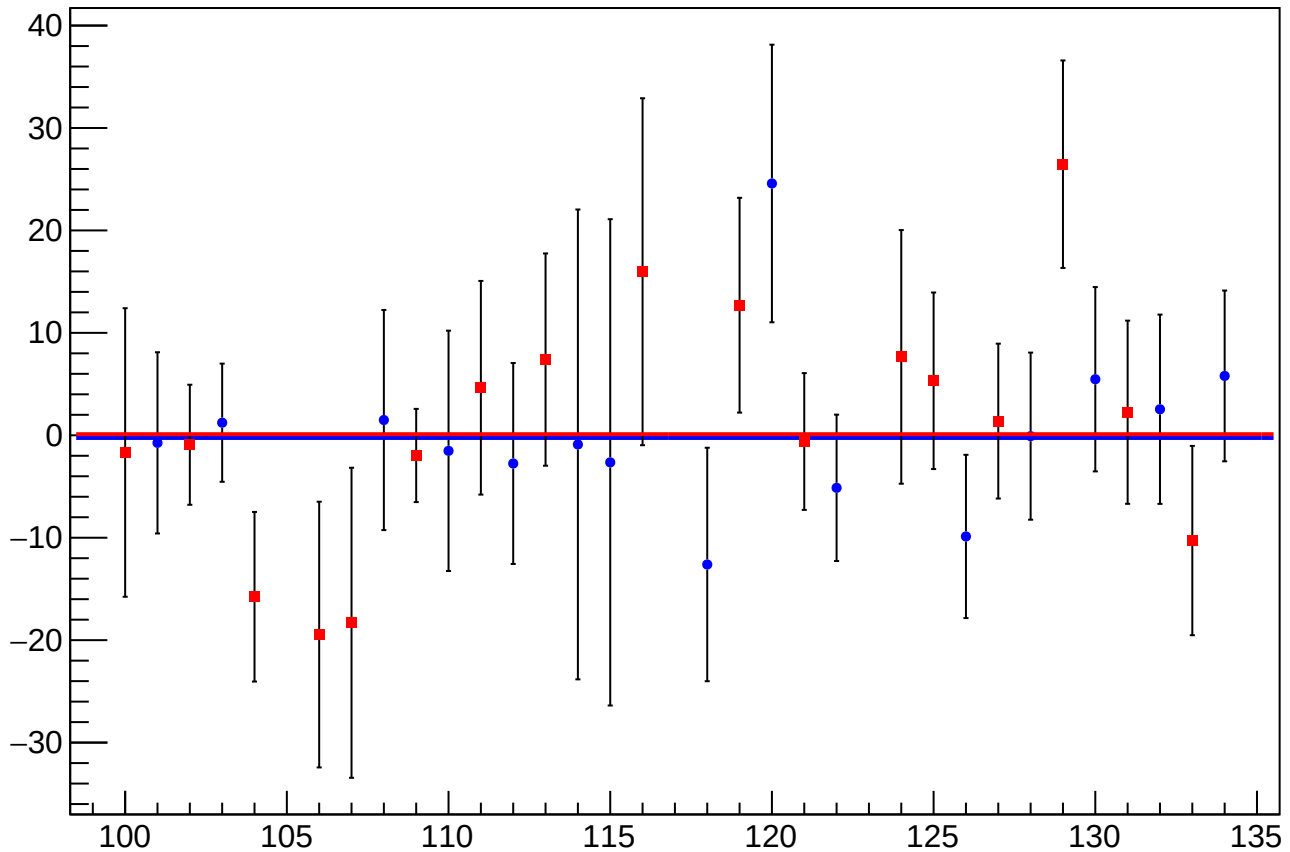
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29062.039+/-5.733 χ^2/NDF : 371434.2/31

- 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: 0.107 ± 2.075 $\chi^2/\text{NDF}: 19.6/16$

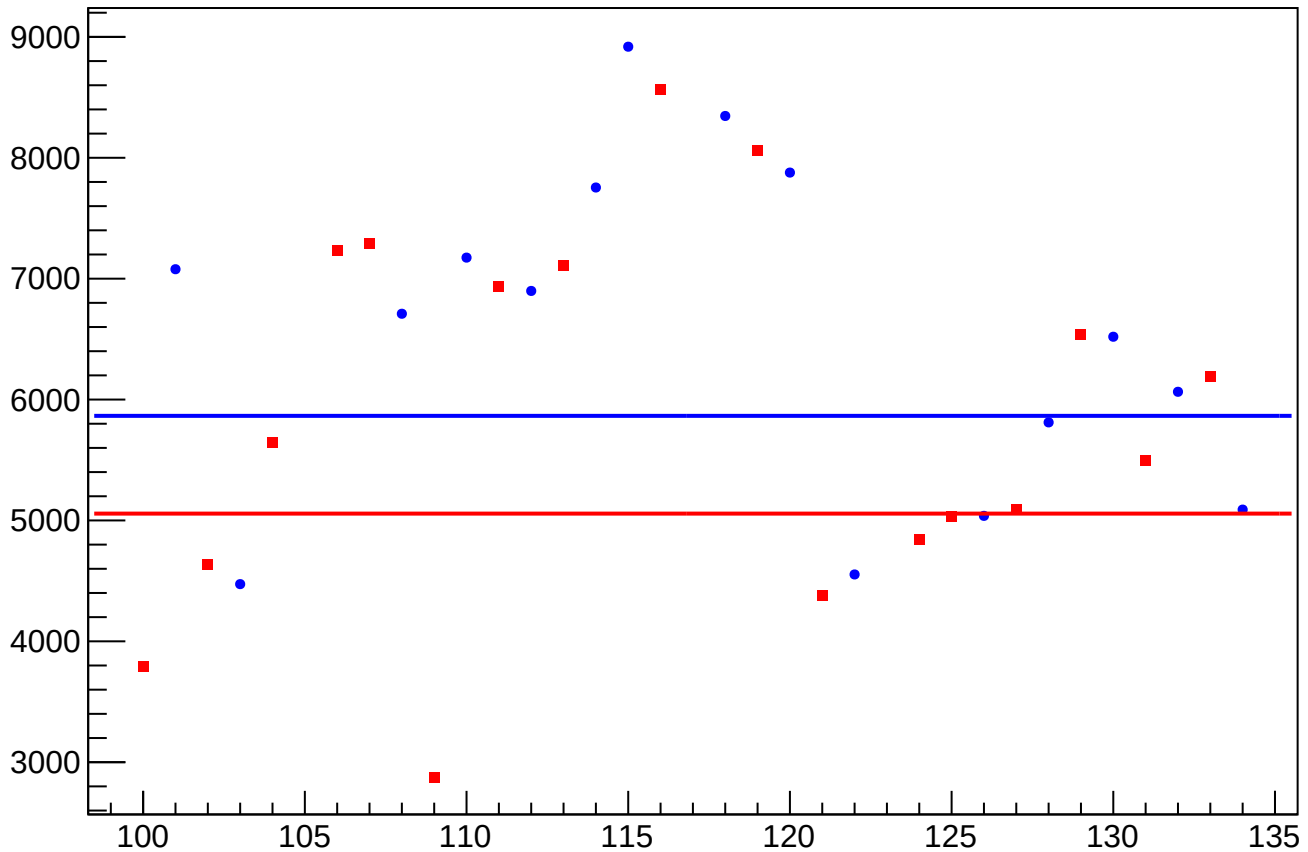
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.050 ± 1.567 $\chi^2/\text{NDF}: 27.2/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm12Y_rms vs Slug



Right In: 5865.197 $\pm$ 1.691 χ^2 /NDF: 517033.2/14

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

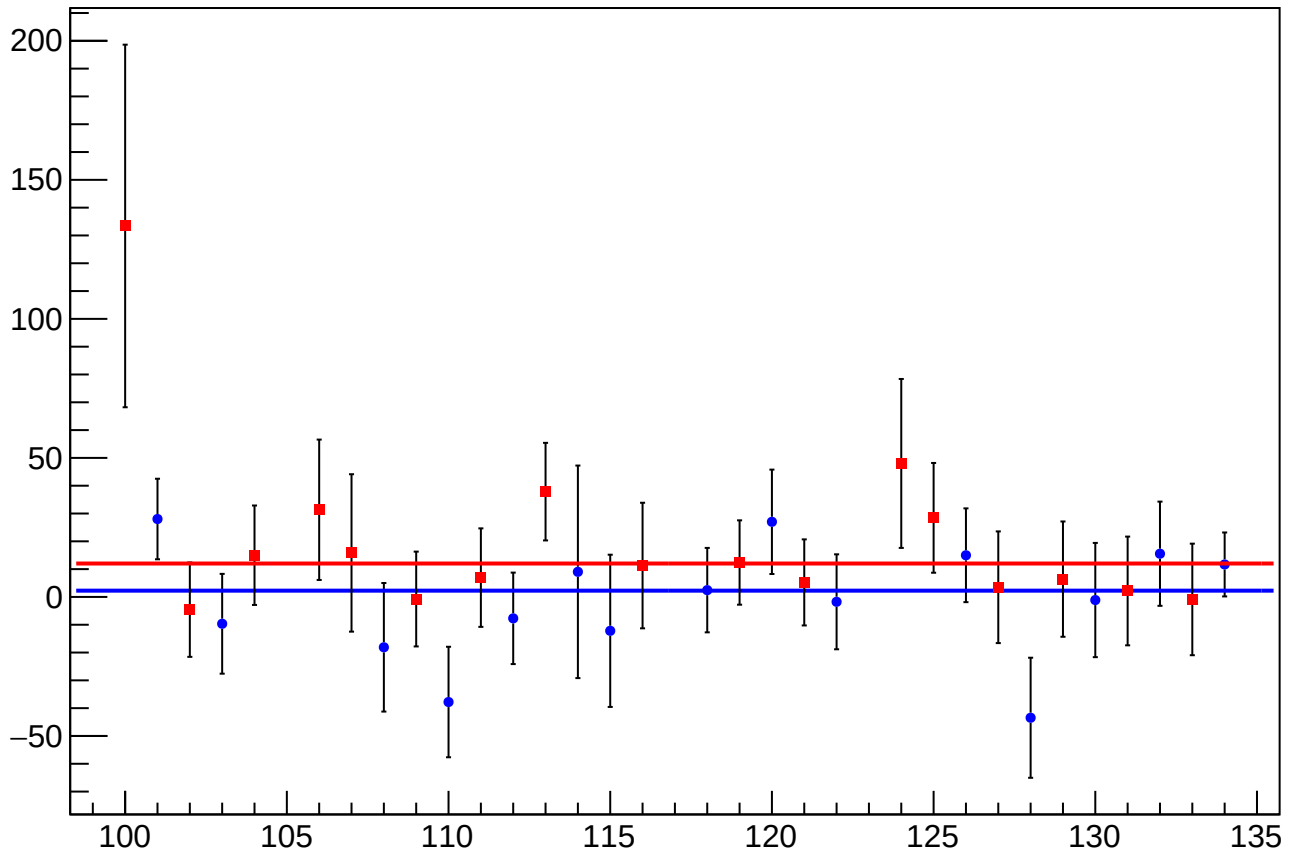
Right Out: 5056.518 $\pm$ 1.467 χ^2 /NDF: 1089011.8/16

All: 5403.739 $\pm$ 1.108 χ^2 /NDF: 1736517.6/31

- 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

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: 12.018 $\pm$ 4.791 χ^2 /NDF: 11.1/16

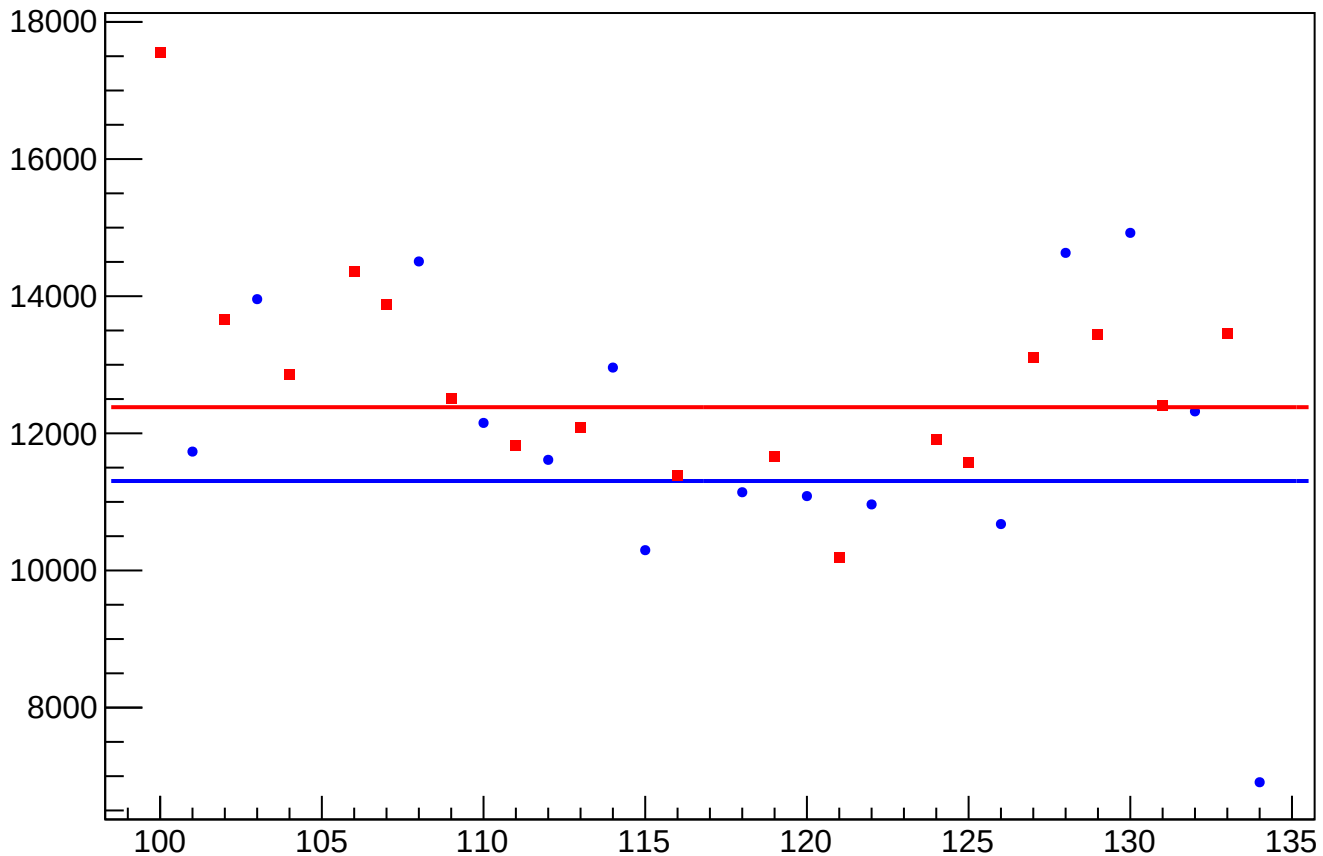
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.950 $\pm$ 3.322 χ^2 /NDF: 30.4/31

- 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: 12381.518+/-3.388 χ^2/NDF : 111788.8/16

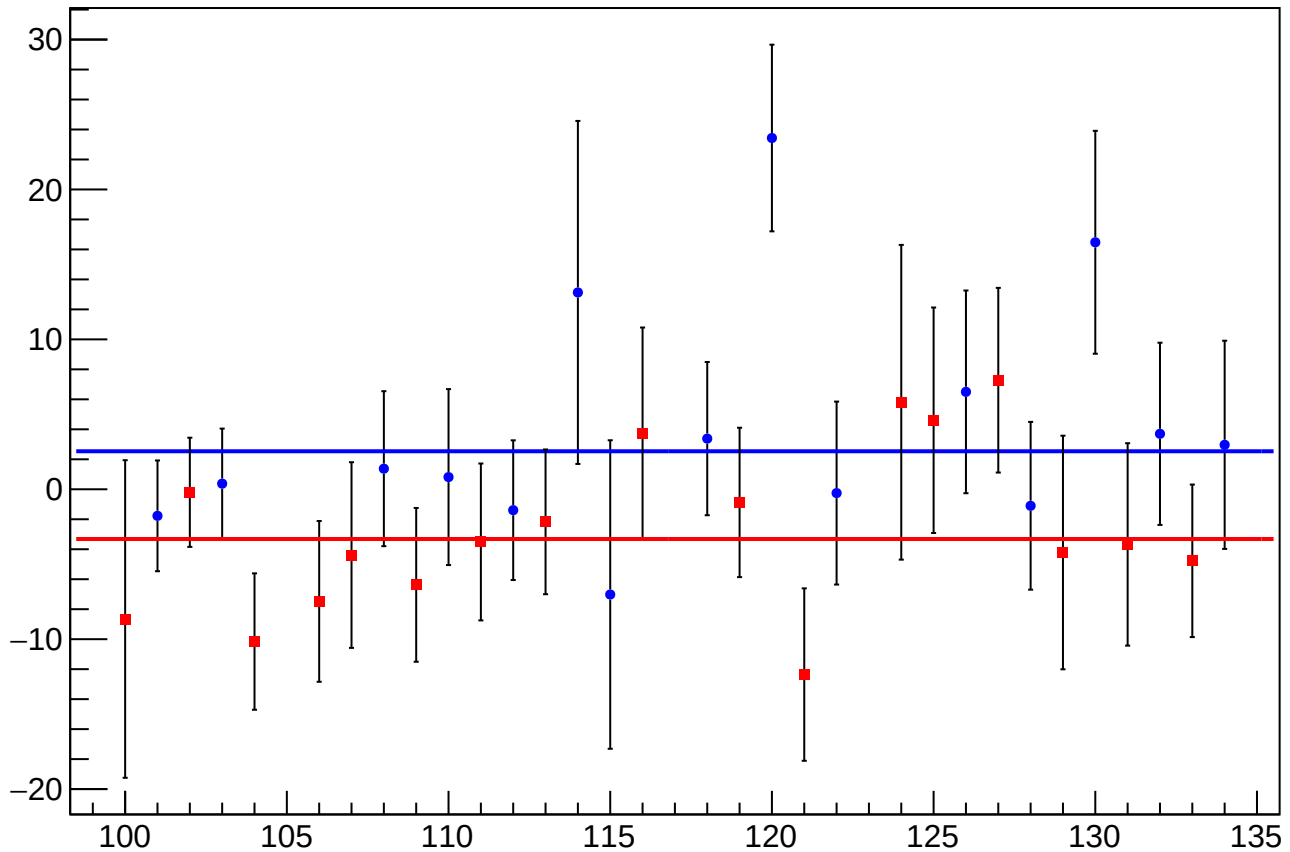
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11822.530+/-2.349 χ^2/NDF : 670330.6/31

- 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: -3.316+/-1.371 χ^2/NDF : 12.9/16

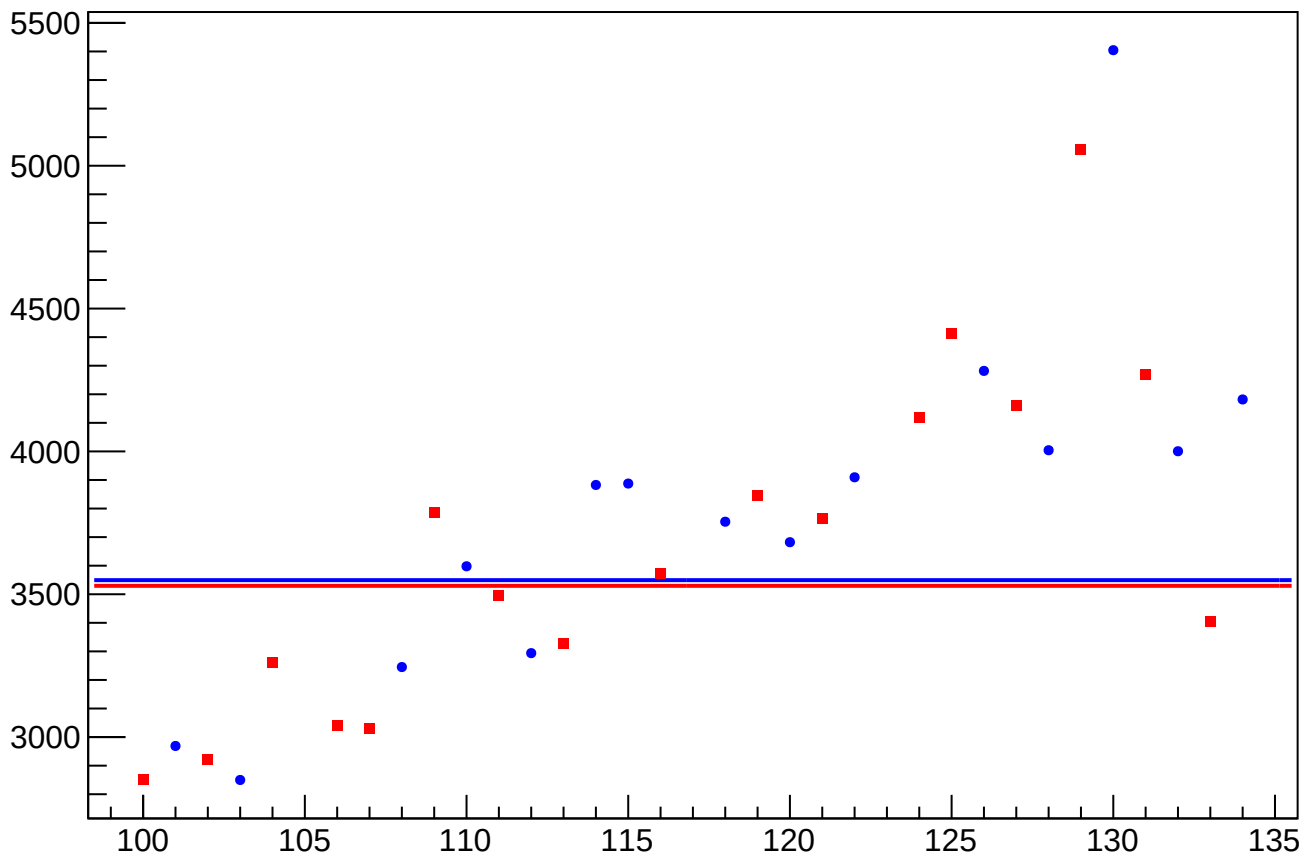
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.517+/-0.990 χ^2/NDF : 41.7/31

- 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

Right Out: 3529.594+/-0.970 χ^2/NDF : 277728.5/16

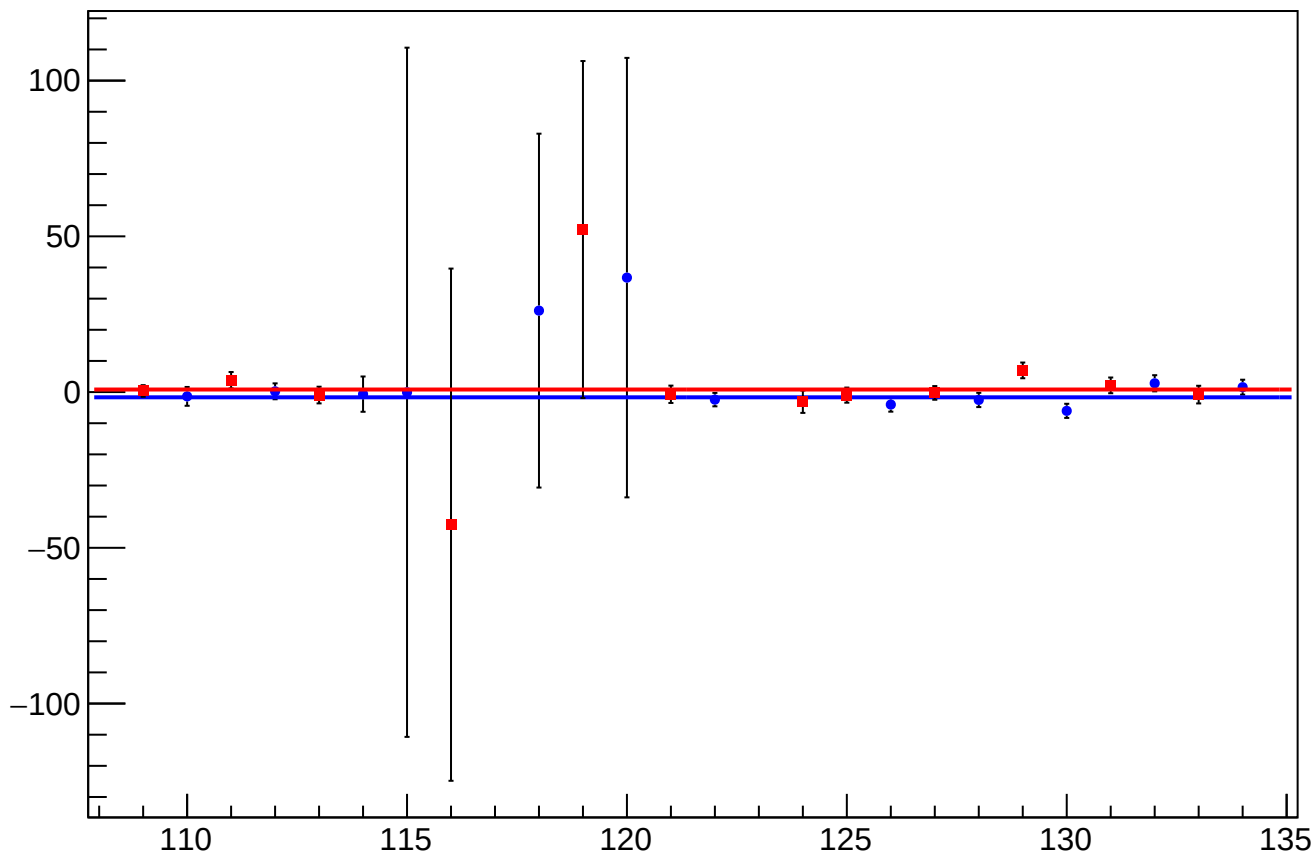
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3539.036+/-0.700 χ^2/NDF : 616682.9/31

- 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: 0.824 ± 0.792 χ^2/NDF : 11.8/11

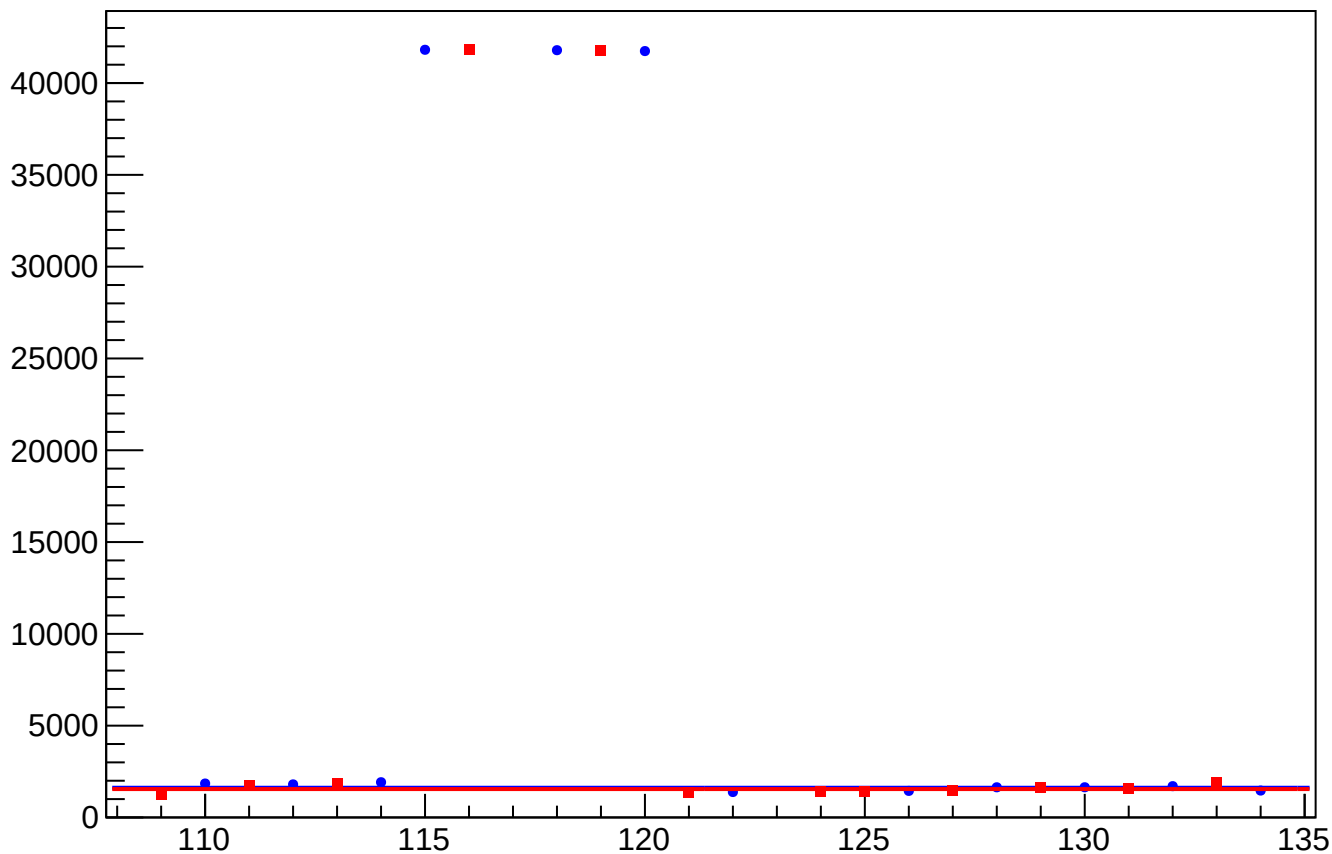
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.350 ± 0.577 χ^2/NDF : 27.5/23

- 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

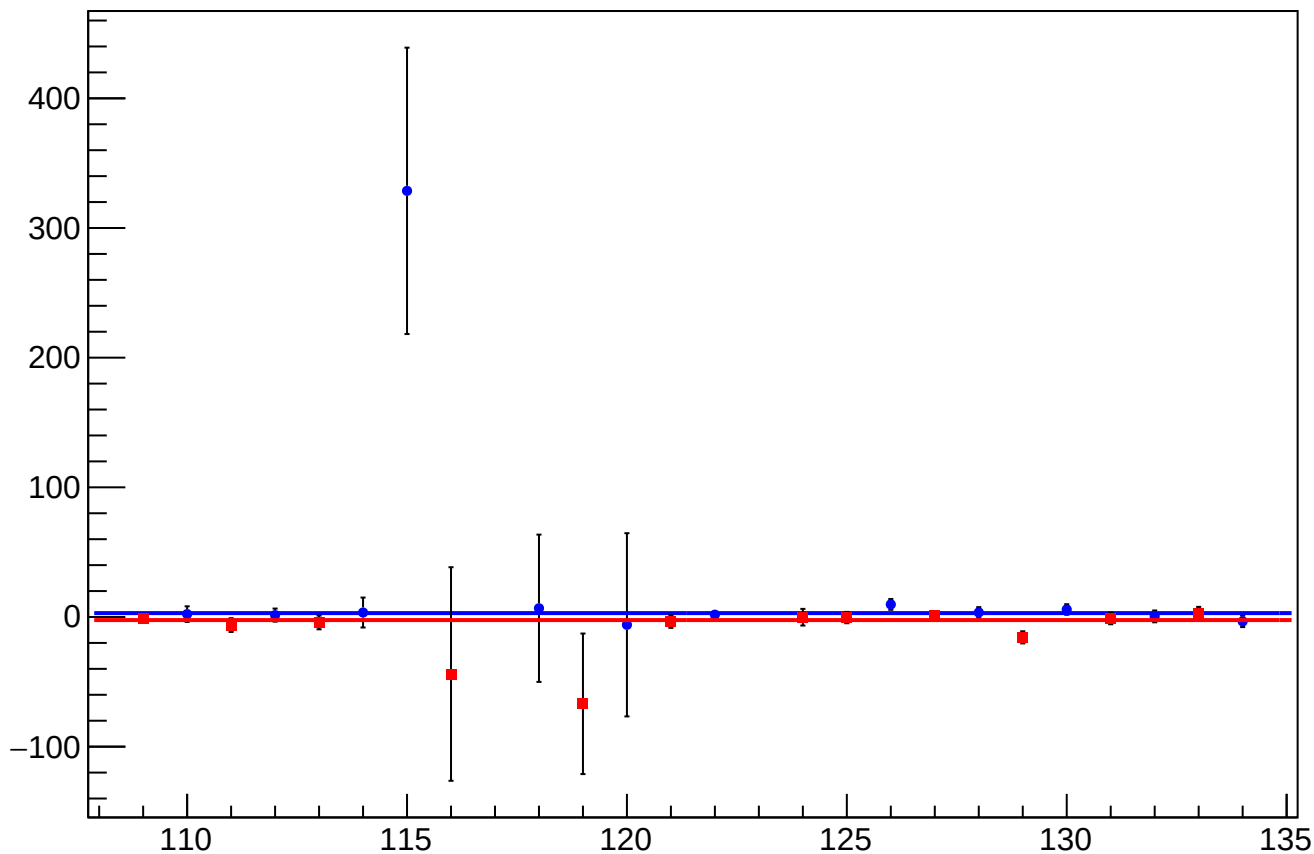
Right Out: 1546.059+/-0.560 χ^2/NDF : 1730646.9/11

All: 1579.766+/-0.408 χ^2/NDF : 3722225.2/23

- 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: -2.386 $\pm$ 1.391 χ^2 /NDF: 13.3/11

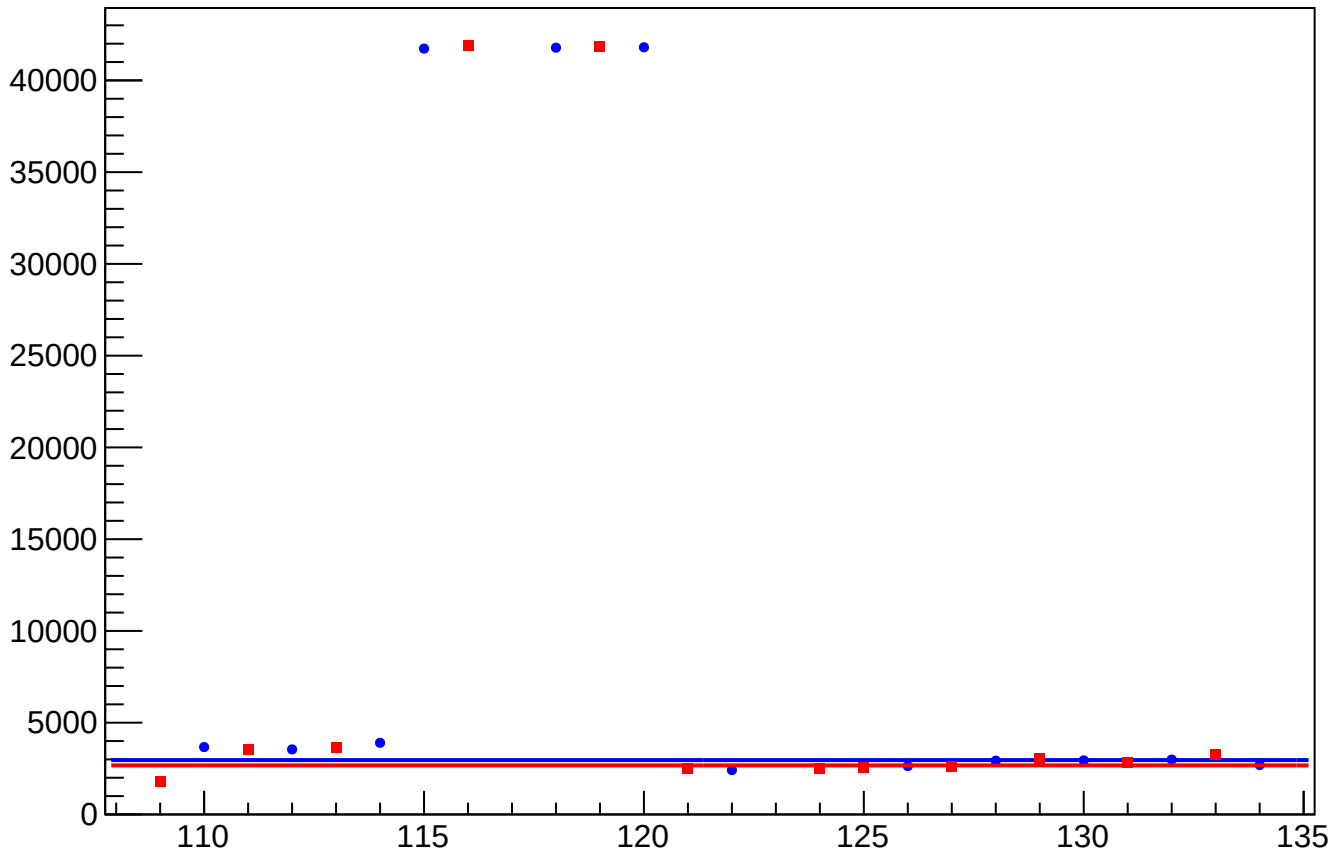
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.036 $\pm$ 1.032 χ^2 /NDF: 34.5/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1p02bY_rms vs Slug



Right In: 2963.146 $\pm$ 1.088 χ^2 /NDF: 1914579.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2674.715 $\pm$ 0.984 χ^2 /NDF: 1859501.5/11

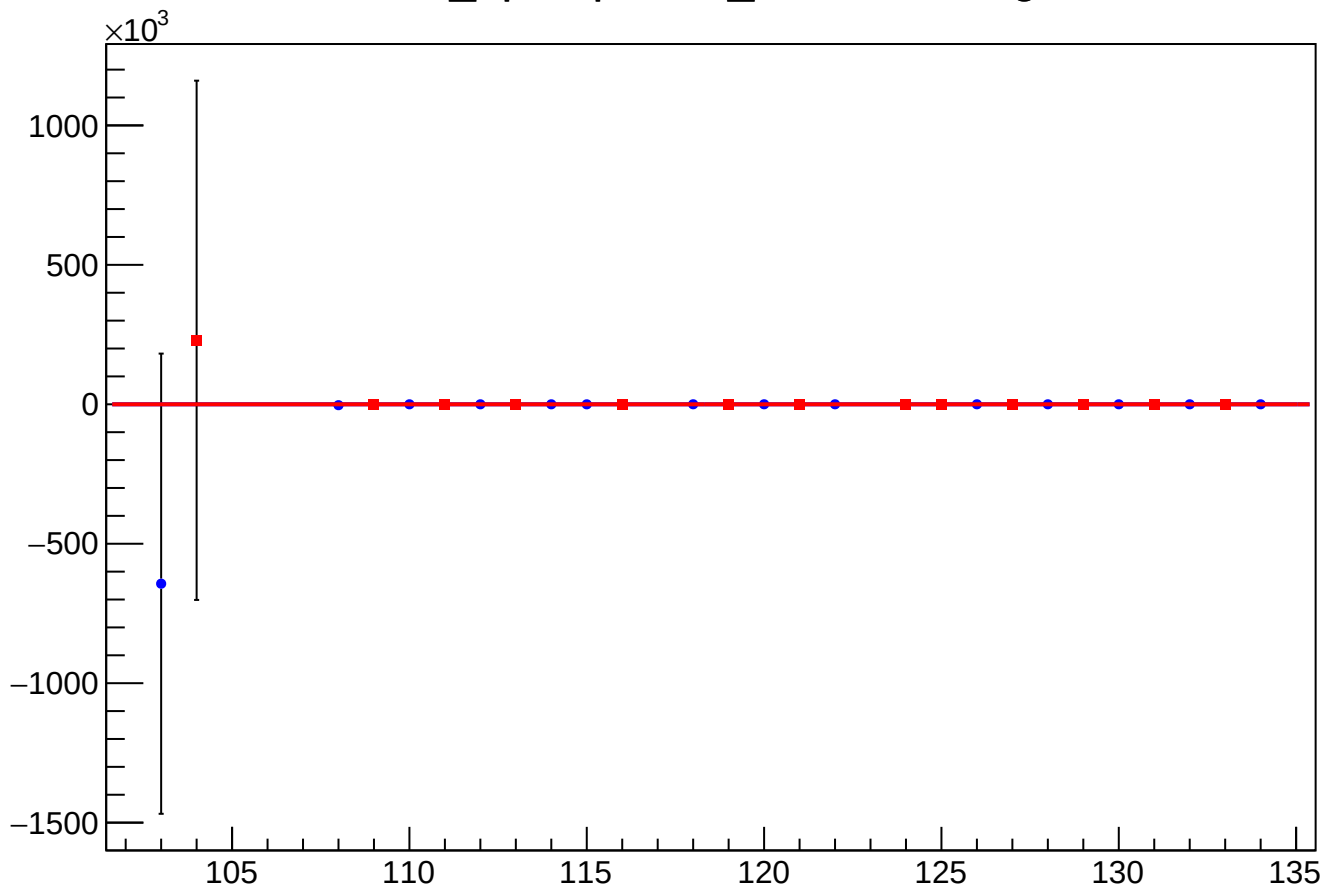
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2804.523 $\pm$ 0.730 χ^2 /NDF: 3812762.5/23

- sign 0.000 $\pm$ 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: -3.905 $\pm$ 1.506 χ^2 /NDF: 12.5/12

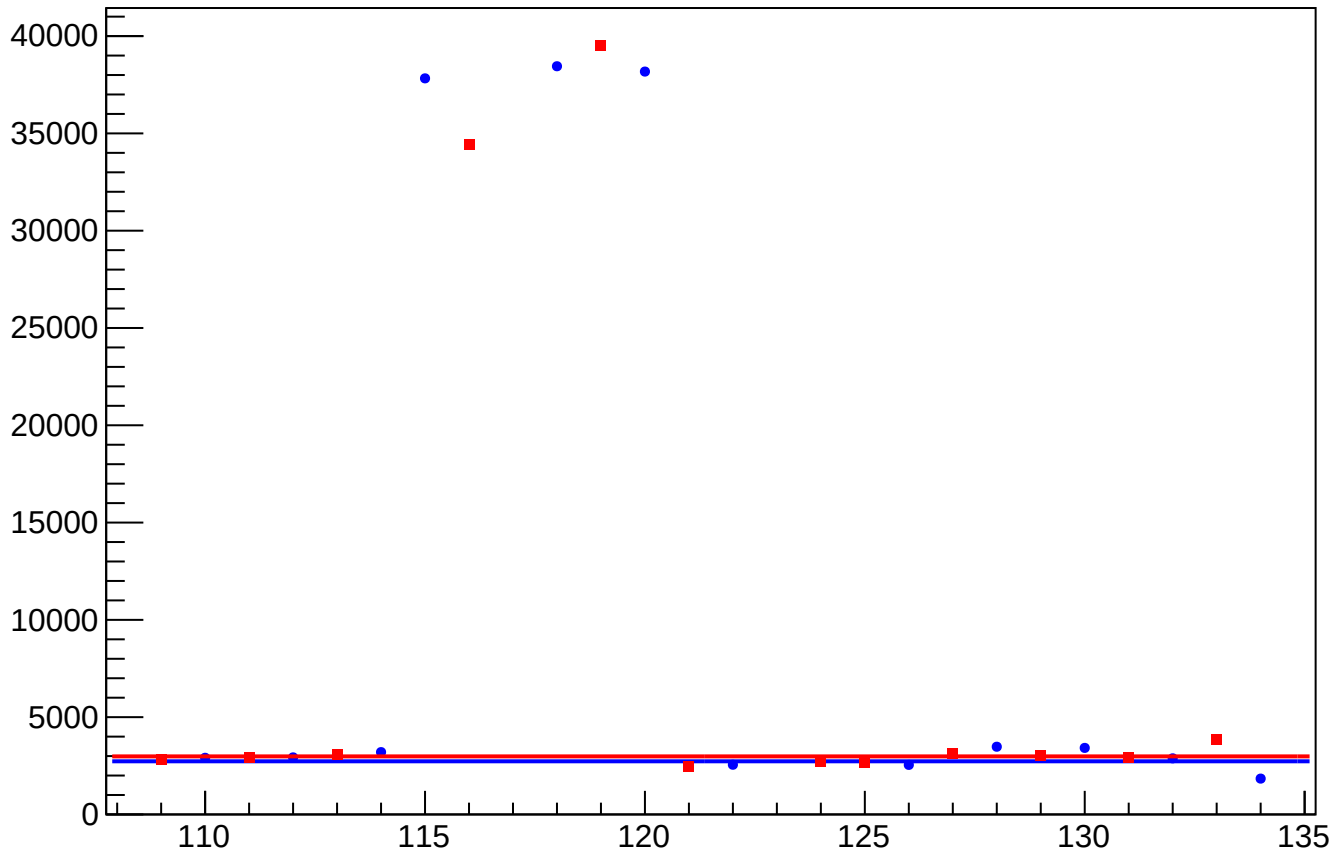
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.790 $\pm$ 1.043 χ^2 /NDF: 32.8/26

- 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: 2983.919+/-1.065 χ^2/NDF : 1537065.8/11

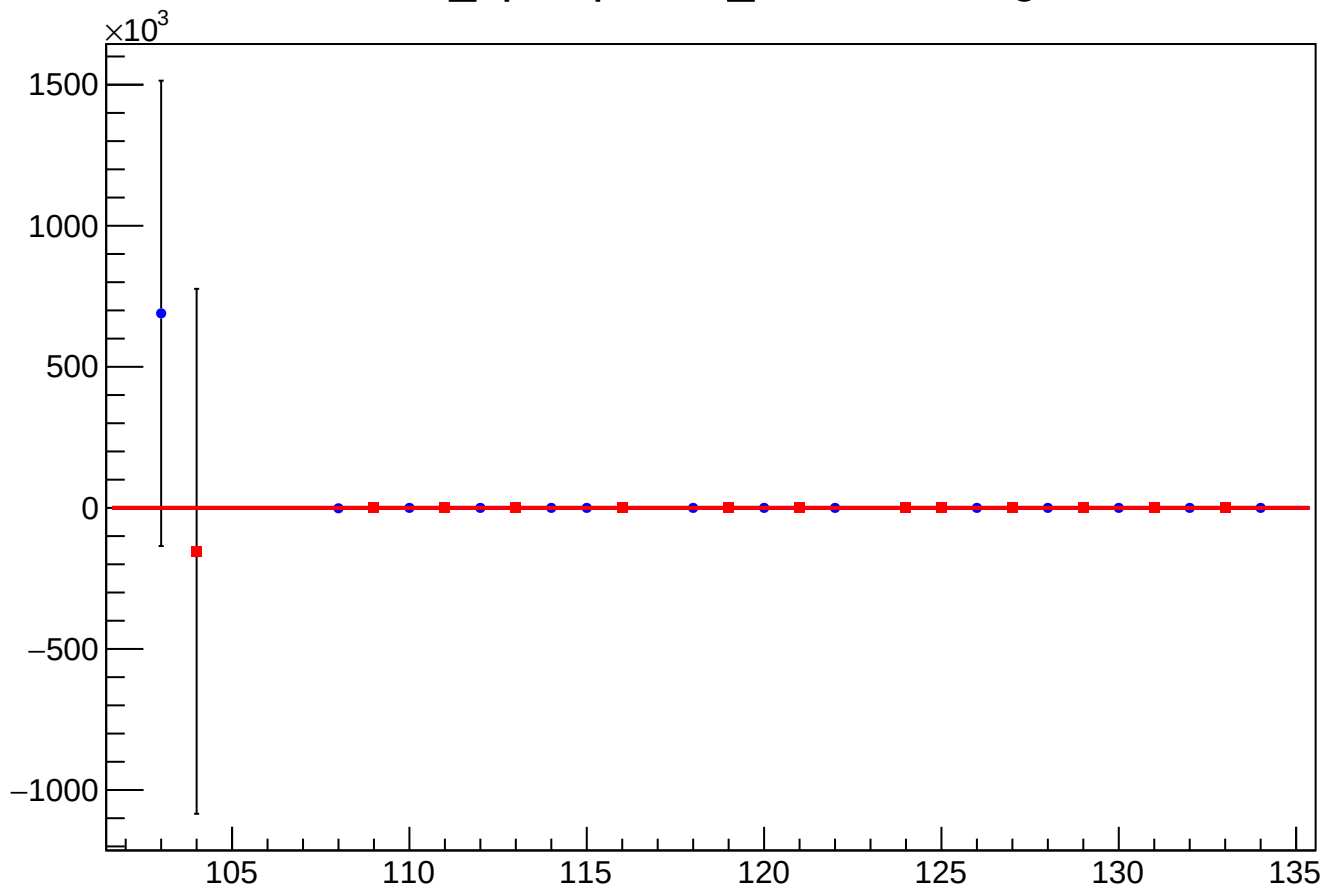
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2852.709+/-0.737 χ^2/NDF : 3617058.2/23

- 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: -2.610 ± 1.264 χ^2/NDF : 14.2/12

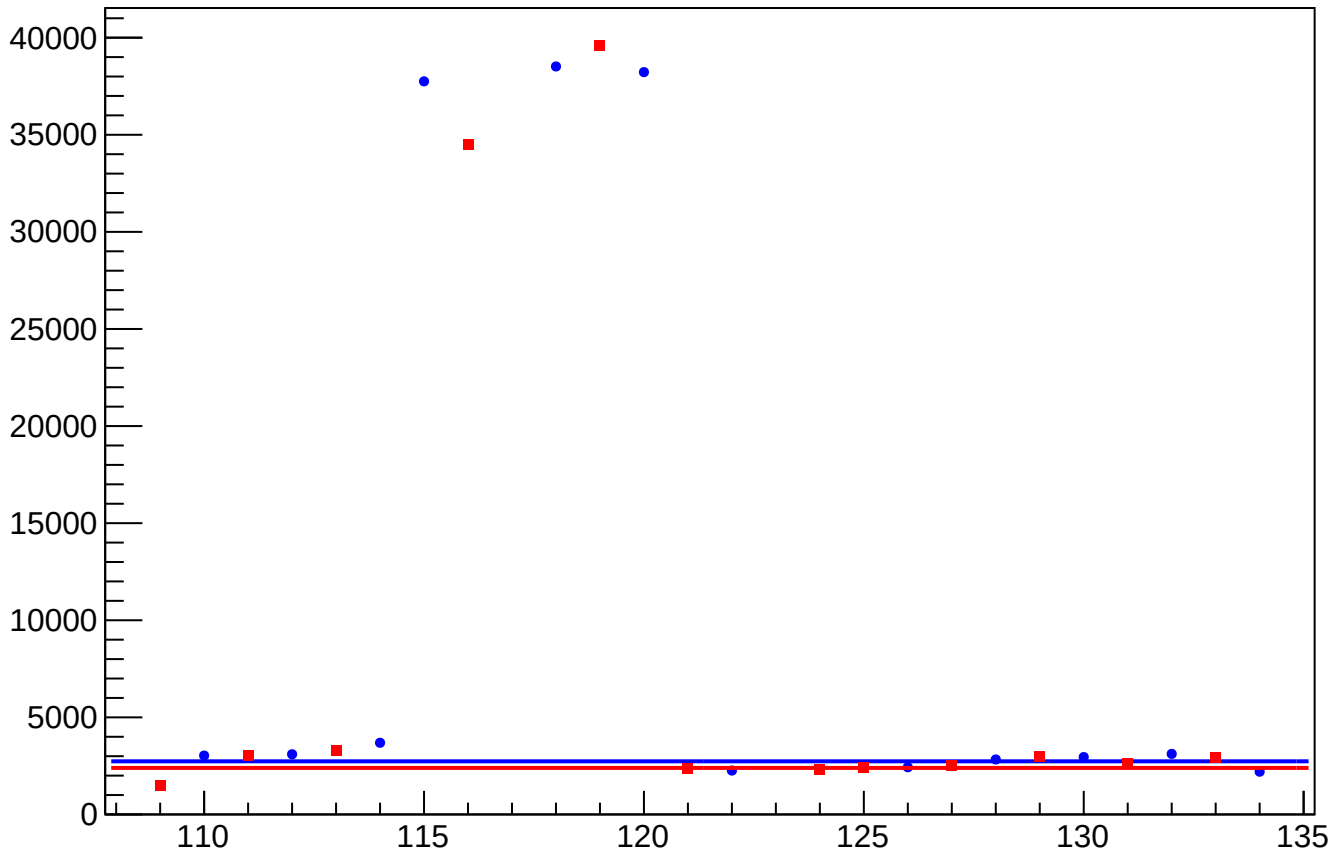
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.048 ± 0.945 χ^2/NDF : 22.0/26

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm1p03aY_rms vs Slug



Right In: 2736.758+/-1.007 χ^2/NDF : 1925326.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

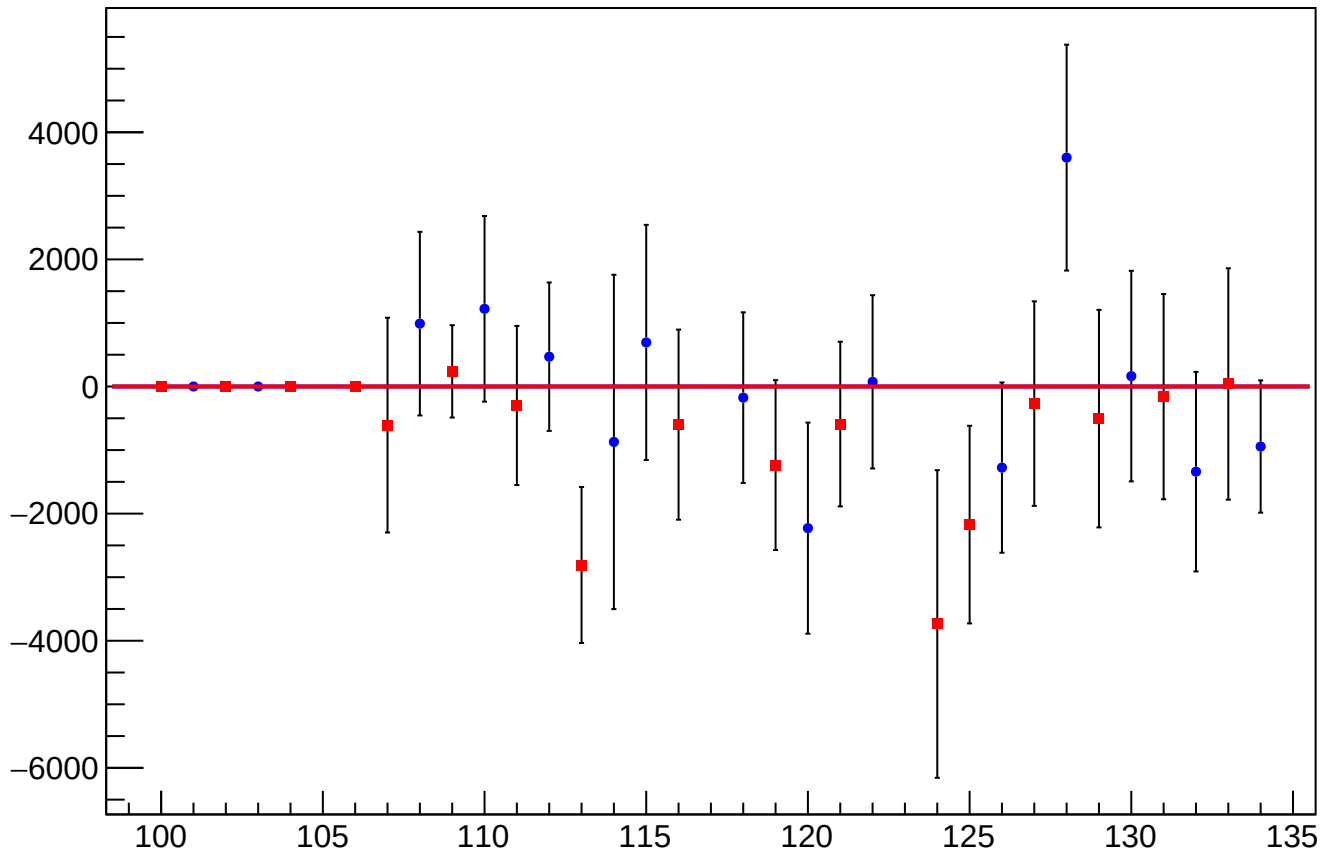
Right Out: 2396.473+/-0.894 χ^2/NDF : 1985535.1/11

All: 2546.342+/-0.669 χ^2/NDF : 3974718.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-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 : 14.7/16

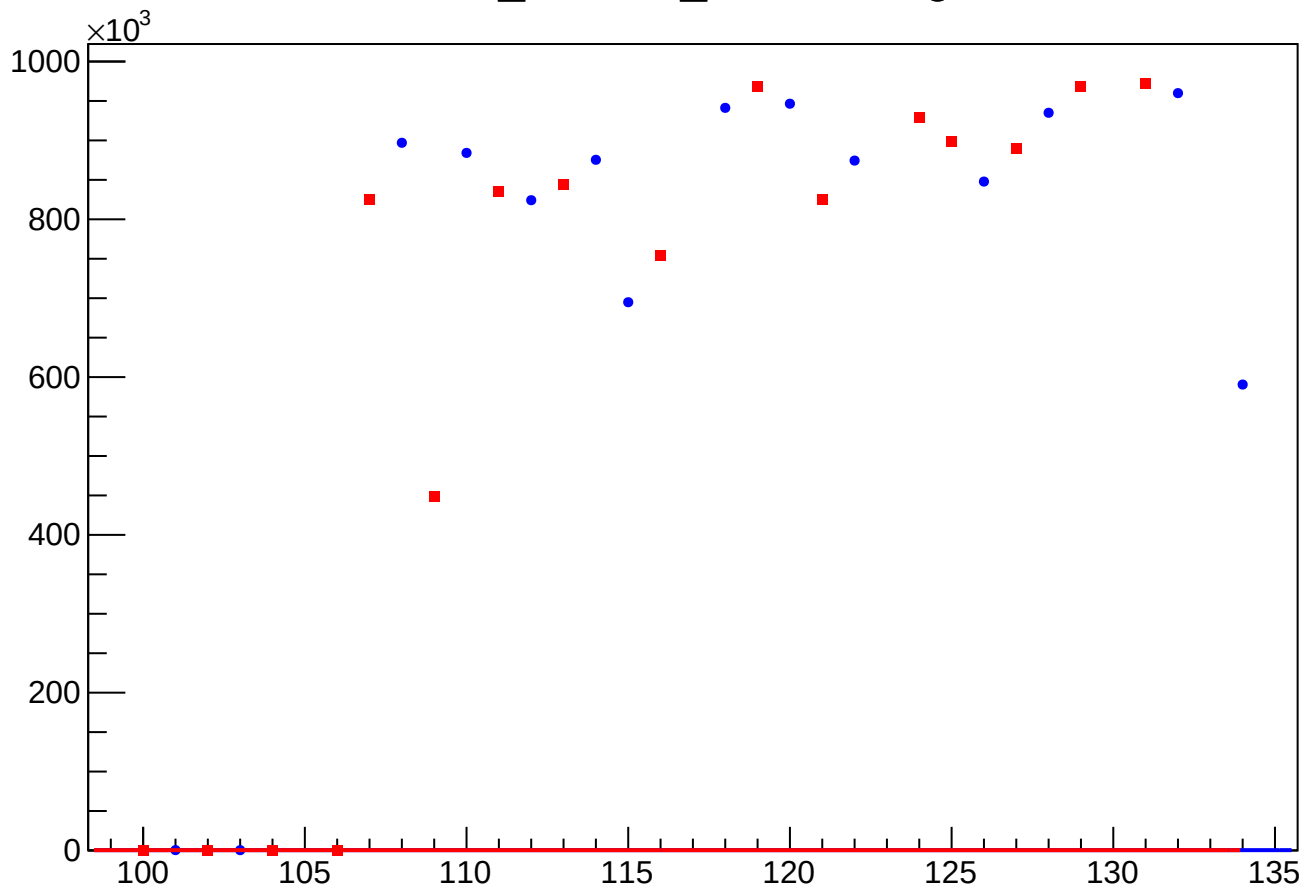
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.169+/-0.241 χ^2/NDF : 24.8/31

- 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: 393.110 $\pm$ 0.232 χ^2/NDF : 6226395.5/15

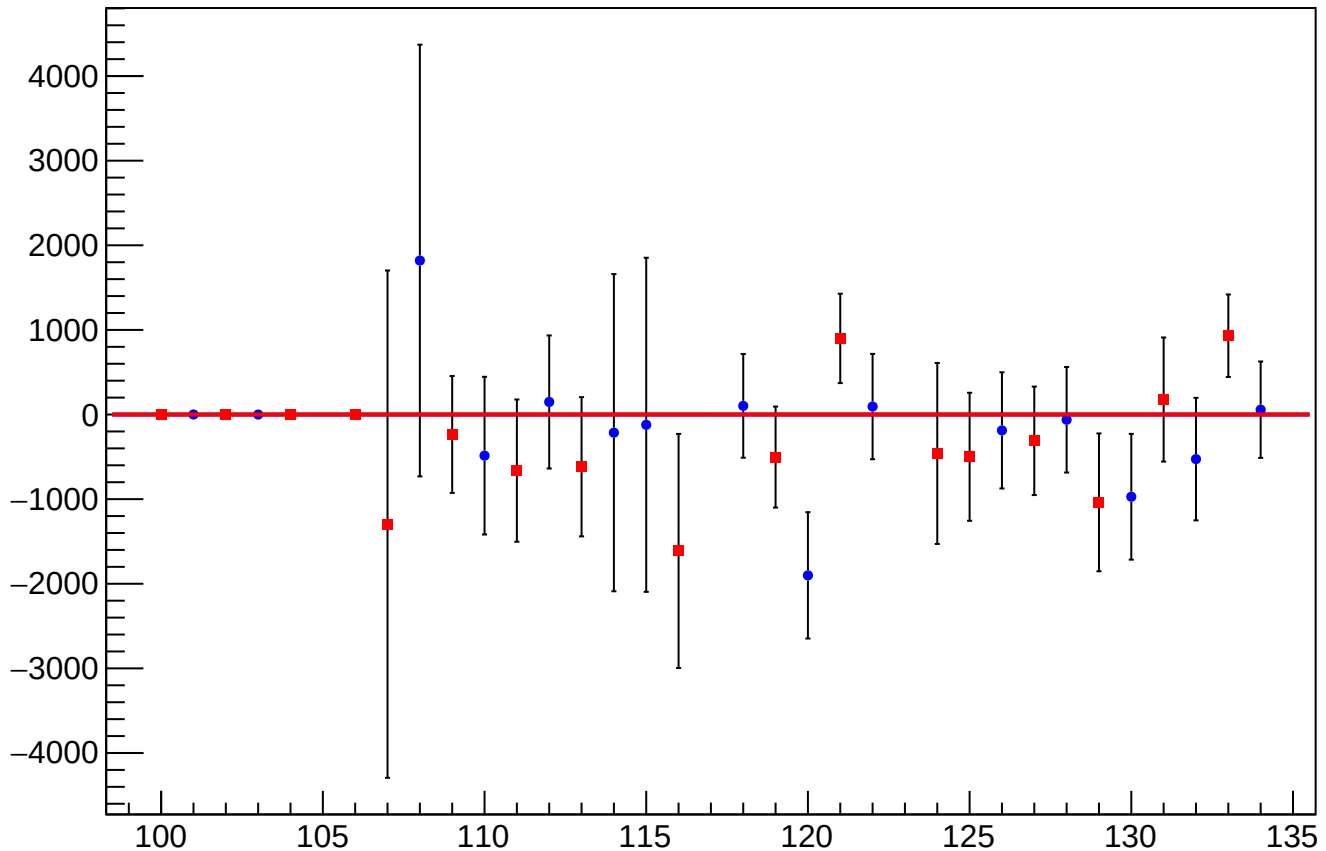
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 395.670 $\pm$ 0.170 χ^2/NDF : 12955947.2/29

- 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: 0.598+/-0.324 χ^2/NDF : 12.8/16

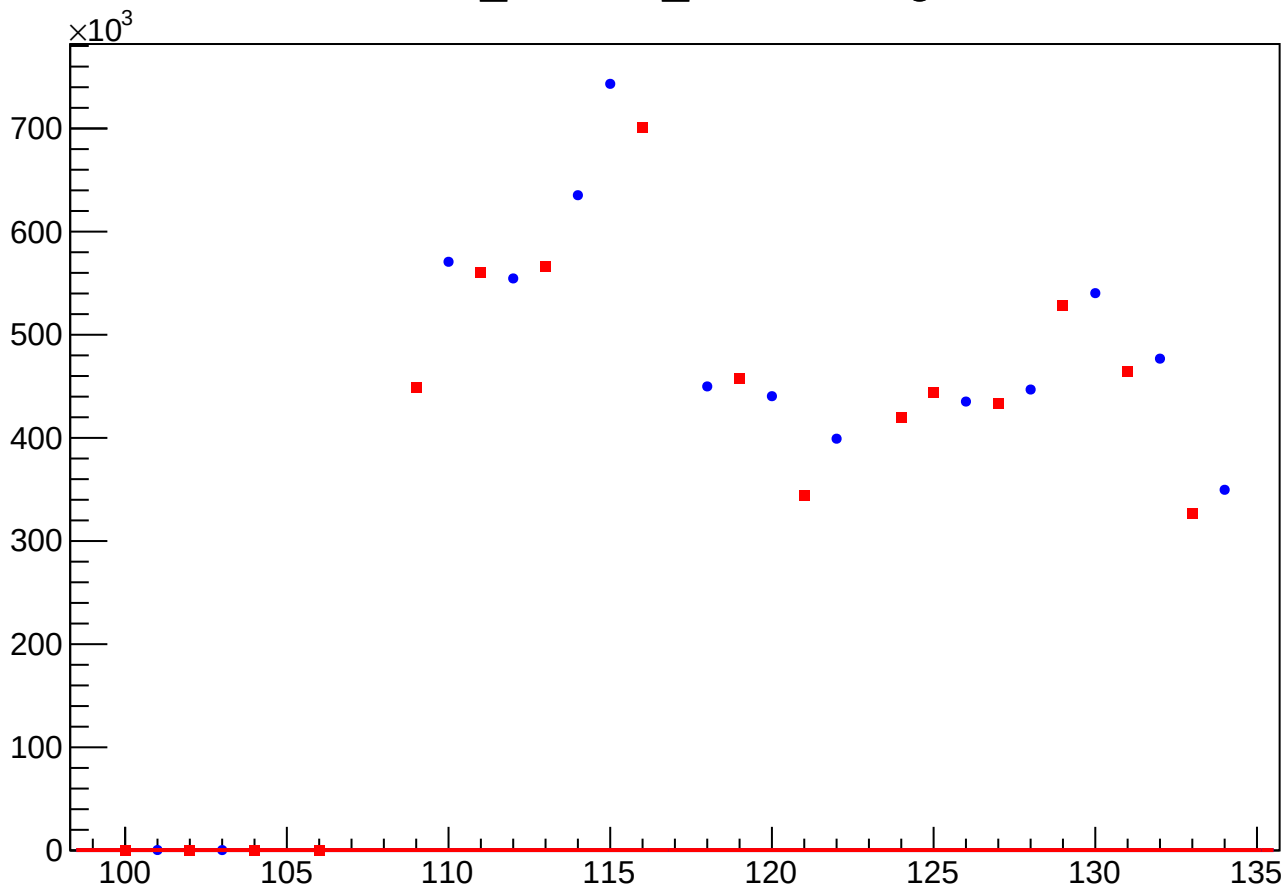
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.310+/-0.237 χ^2/NDF : 24.9/31

- 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: 387.694 $\pm$ 0.229 χ^2/NDF : 9654906.0/15

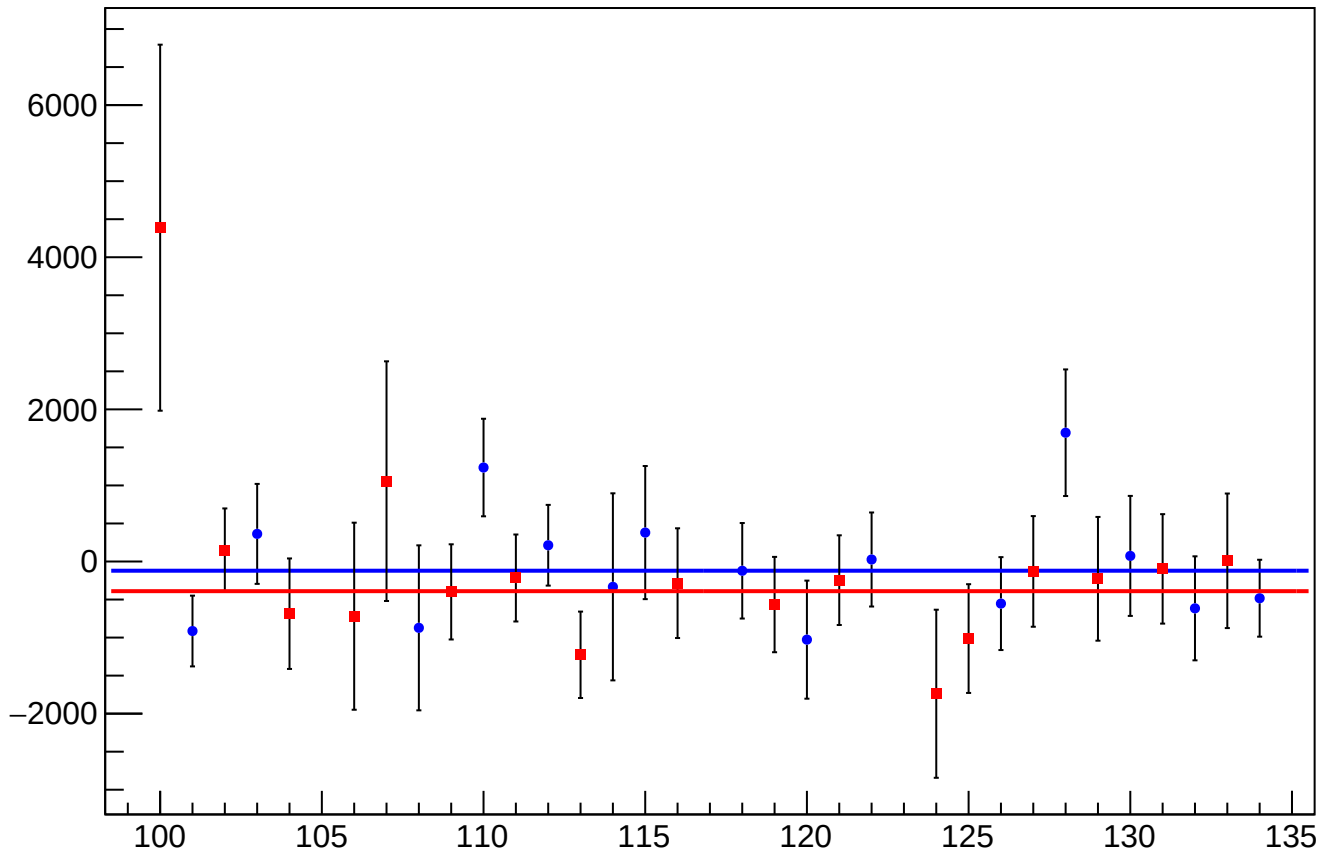
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 388.706 $\pm$ 0.167 χ^2/NDF : 19015086.3/29

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_cav4cX_mean vs Slug



Right In: -121.072+/-170.656 χ^2/NDF : 16.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -389.933+/-177.016 χ^2/NDF : 11.2/16

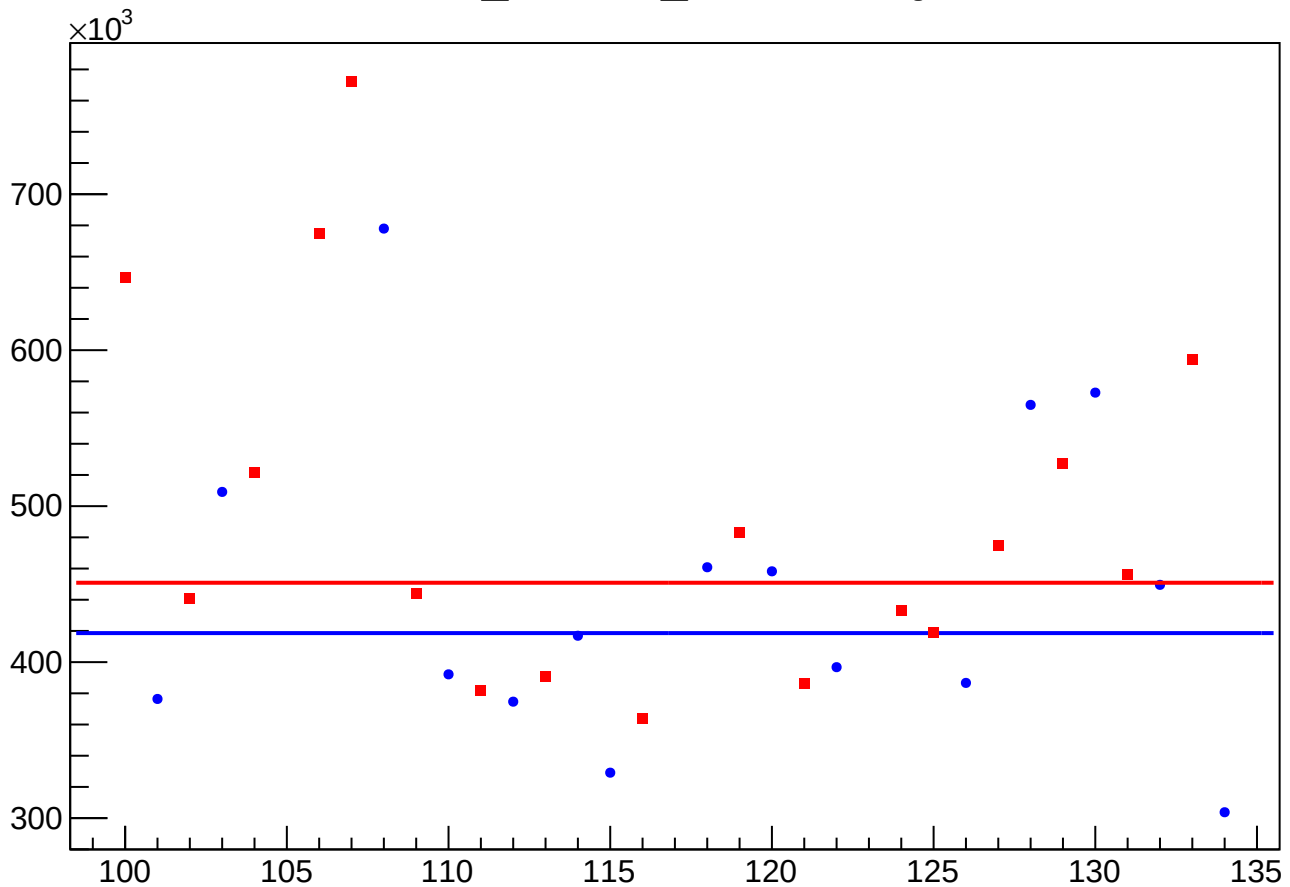
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -250.586+/-122.859 χ^2/NDF : 29.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_cav4cX_rms vs Slug



Right In: 418619.151+/-120.701 χ^2 /NDF: 473854.1/14

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

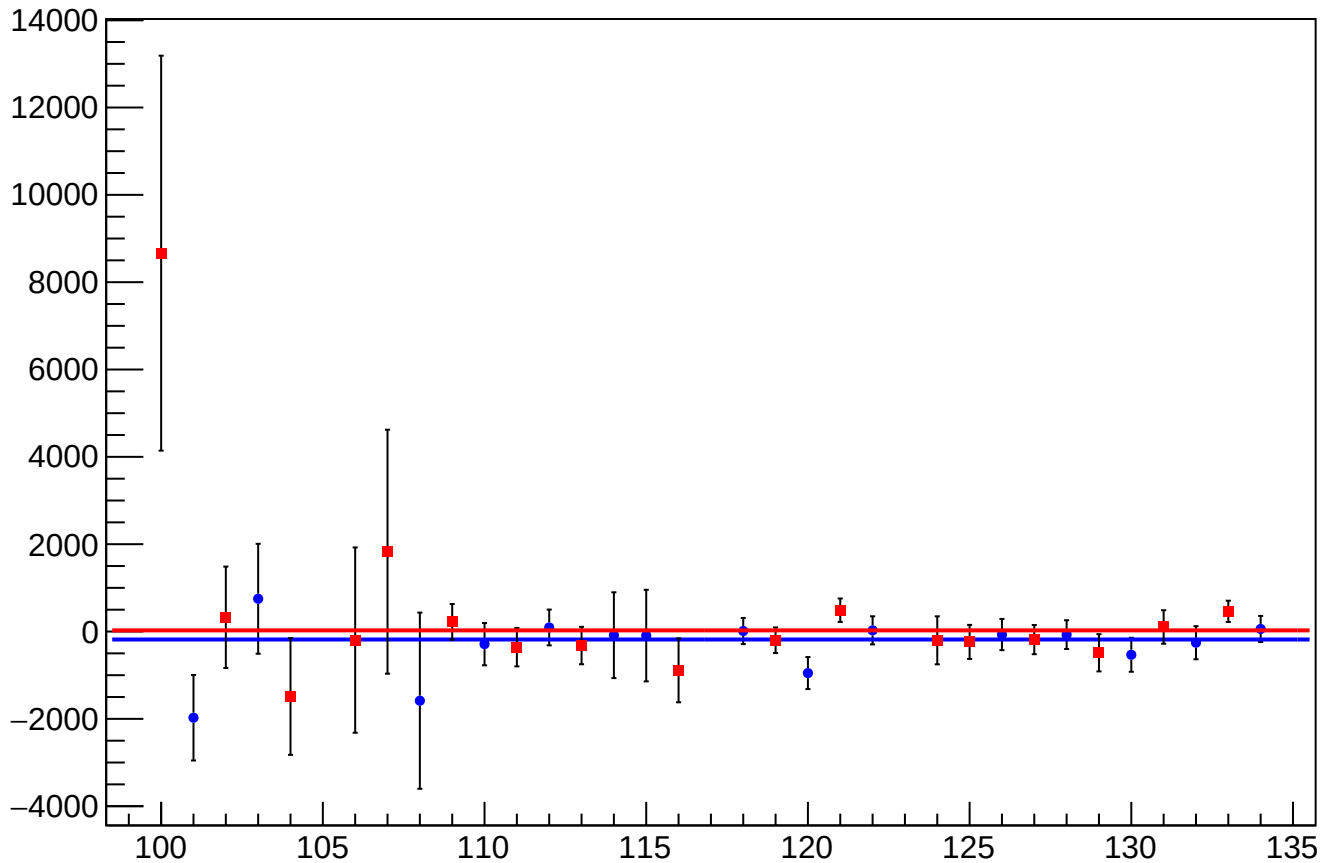
Right Out: 450899.321+/-125.209 χ^2 /NDF: 367232.8/16

All: 434167.632+/-86.899 χ^2 /NDF: 875537.9

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-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: 26.303+/-103.301 χ^2 /NDF: 17.9/16

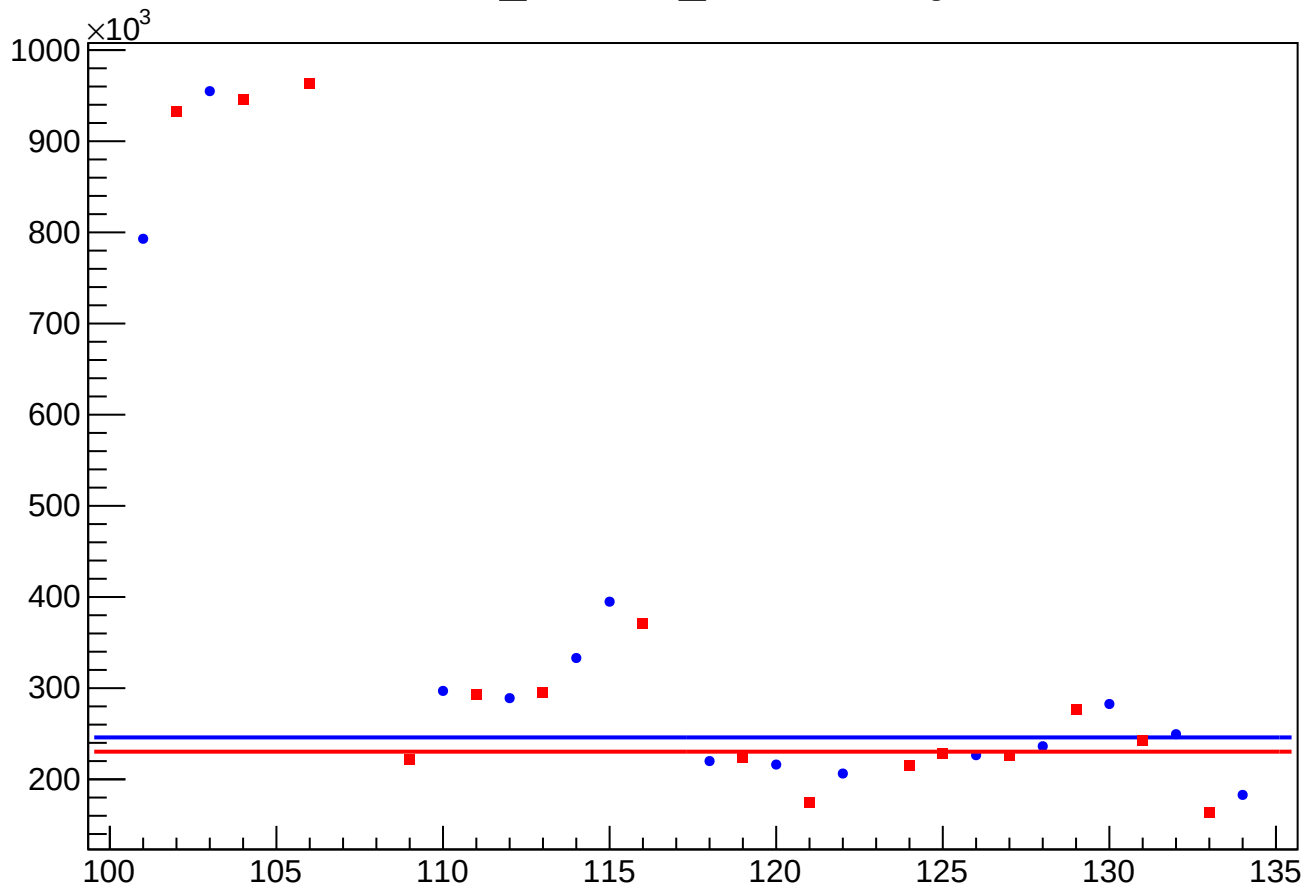
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -72.553+/-74.986 χ^2 /NDF: 31.7/31

- 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

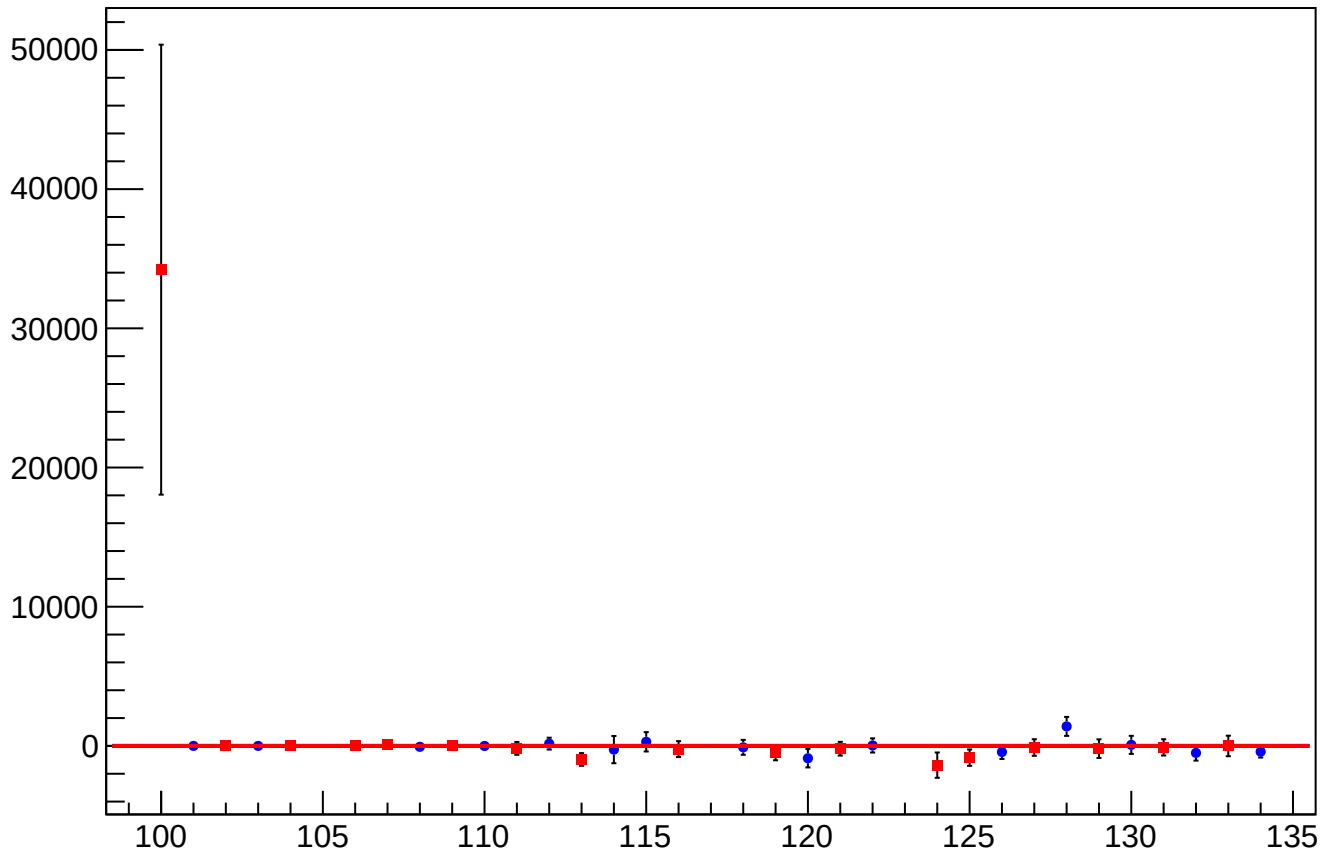
Right Out: 230332.561 $\pm$ 73.299 χ^2 /NDF: 1613117.1/14

All: 237743.689 $\pm$ 53.187 χ^2 /NDF: 2965200.

- 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 : 15.7/16

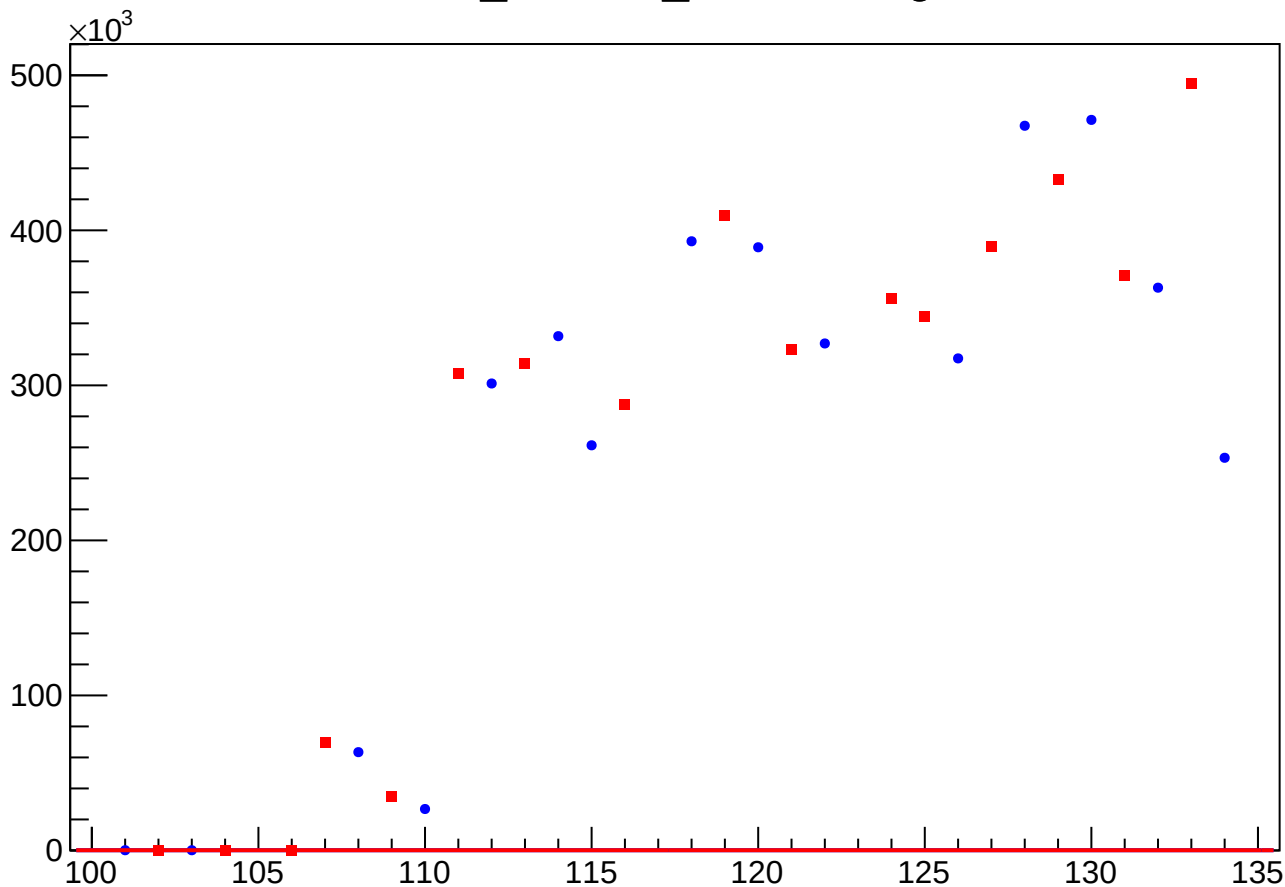
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.207 ± 0.117 χ^2/NDF : 27.7/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_cav4dX_rms vs Slug



Right In: 148.978 $\pm$ 0.122 χ^2/NDF : 9538433.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 149.302 $\pm$ 0.113 χ^2/NDF : 9866139.2/15

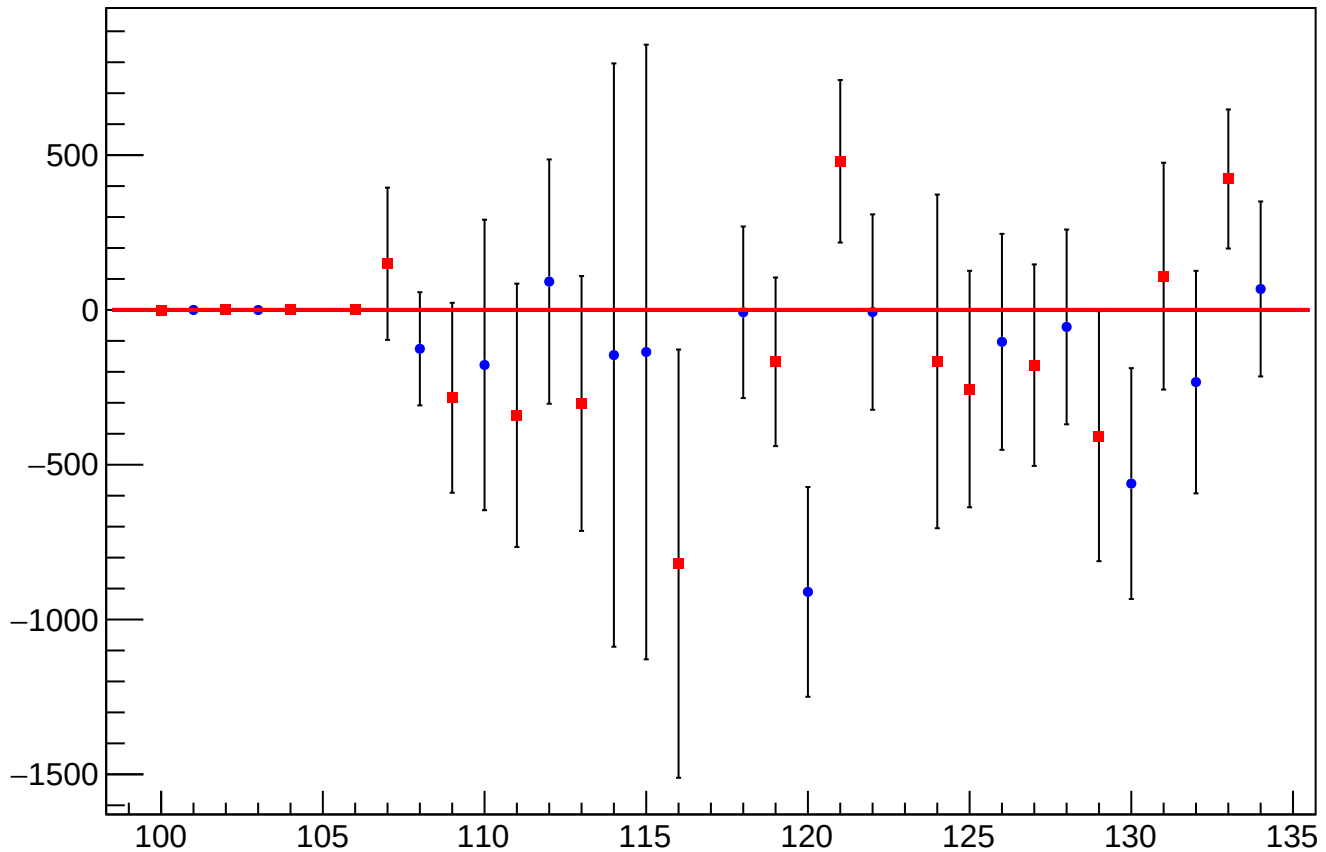
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 149.152 $\pm$ 0.083 χ^2/NDF : 19404576.9/30

- sign 0.000 $\pm$ 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 : 13.2/16

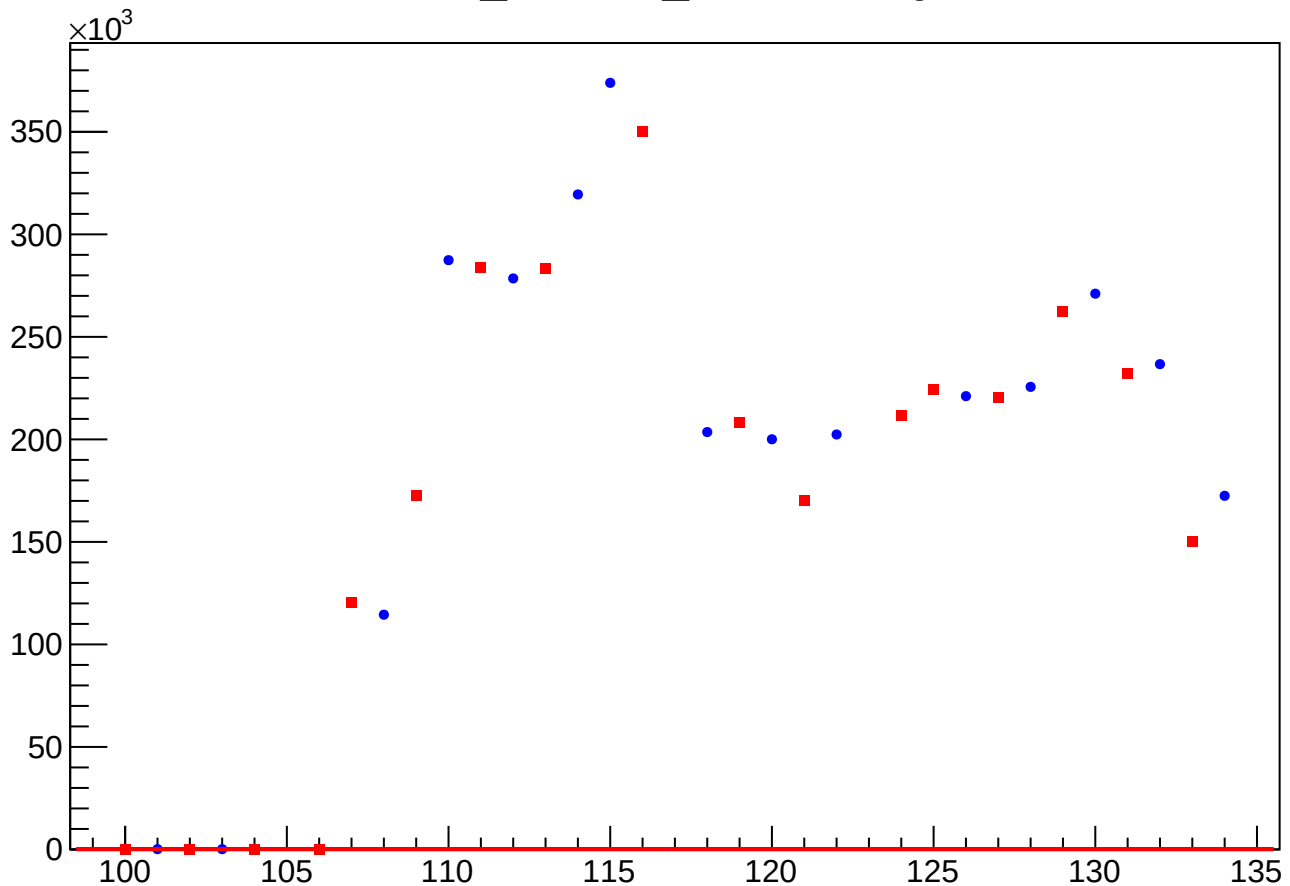
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.035 ± 0.121 χ^2/NDF : 24.8/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_cav4dY_rms vs Slug



Right In: 153.259+/-0.125 χ^2/NDF : 10133808.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.011+/-0.118 χ^2/NDF : 9909811.1/16

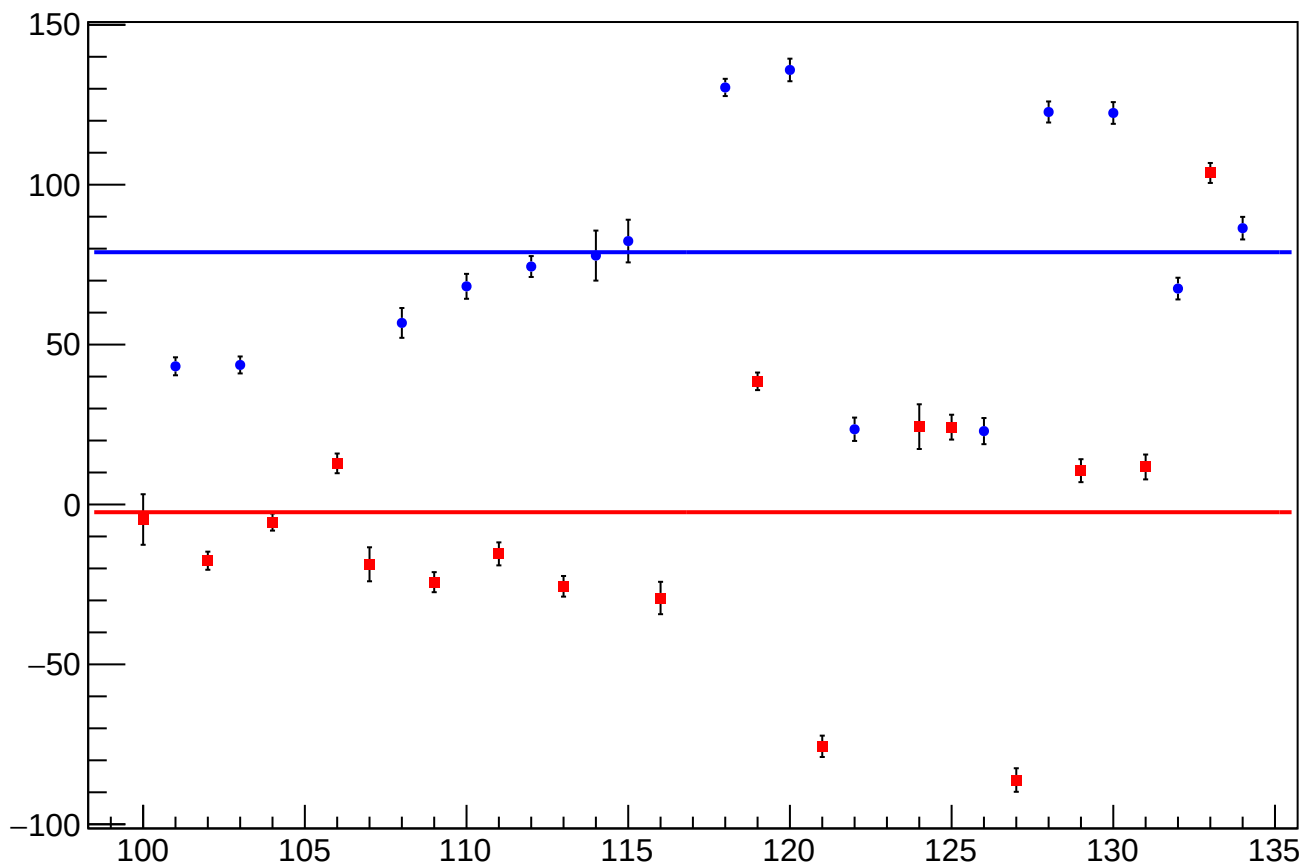
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.721+/-0.086 χ^2/NDF : 20043875.5/31

- sign 0.000+/-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: -2.417 $\pm$ 0.856 χ^2 /NDF: 2667.7/16

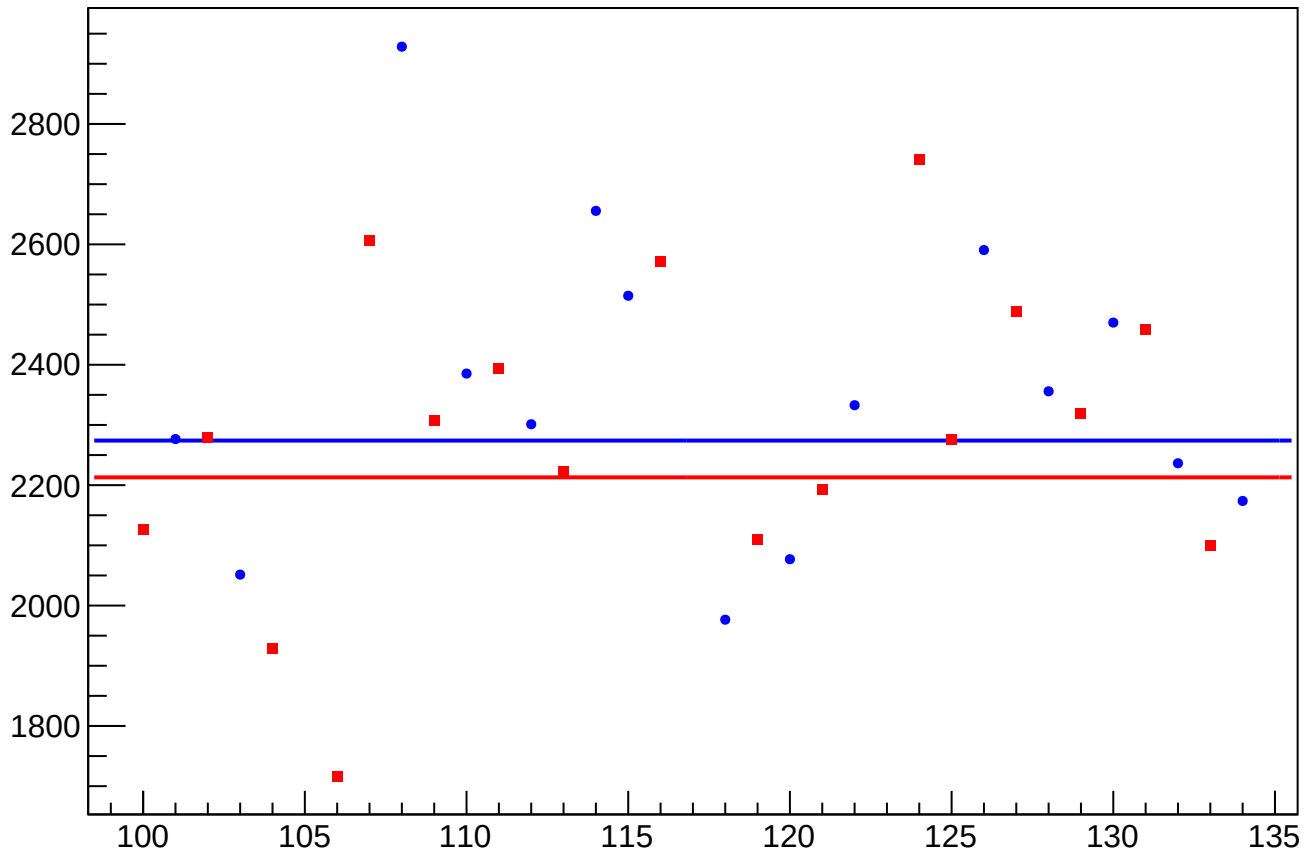
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.844 $\pm$ 0.623 χ^2 /NDF: 8679.8/31

- 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

Right Out: 2212.958 $\pm$ 0.606 χ^2 /NDF: 142341.7/16

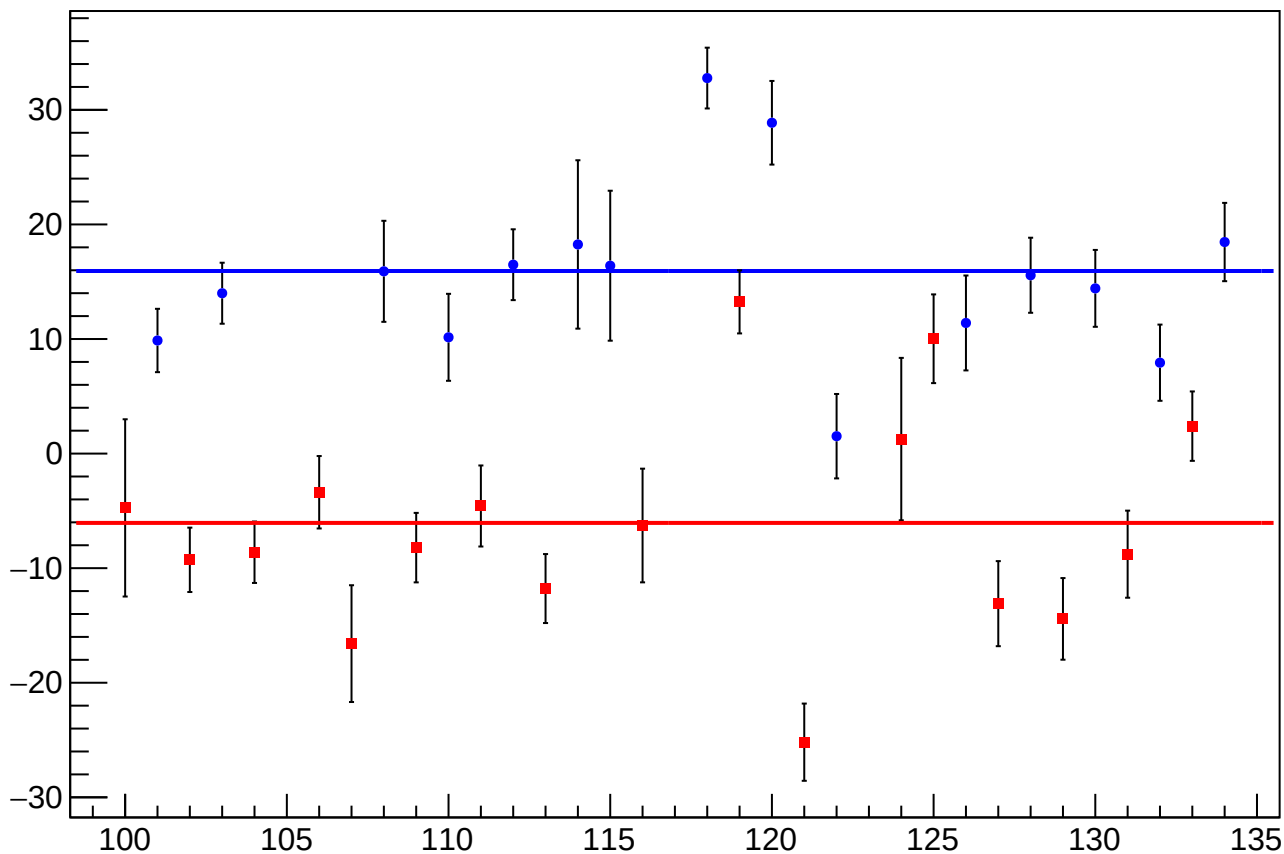
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2241.732 $\pm$ 0.441 χ^2 /NDF: 262626.9/31

- sign 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: -6.051 $\pm$ 0.846 χ^2 /NDF: 128.6/16

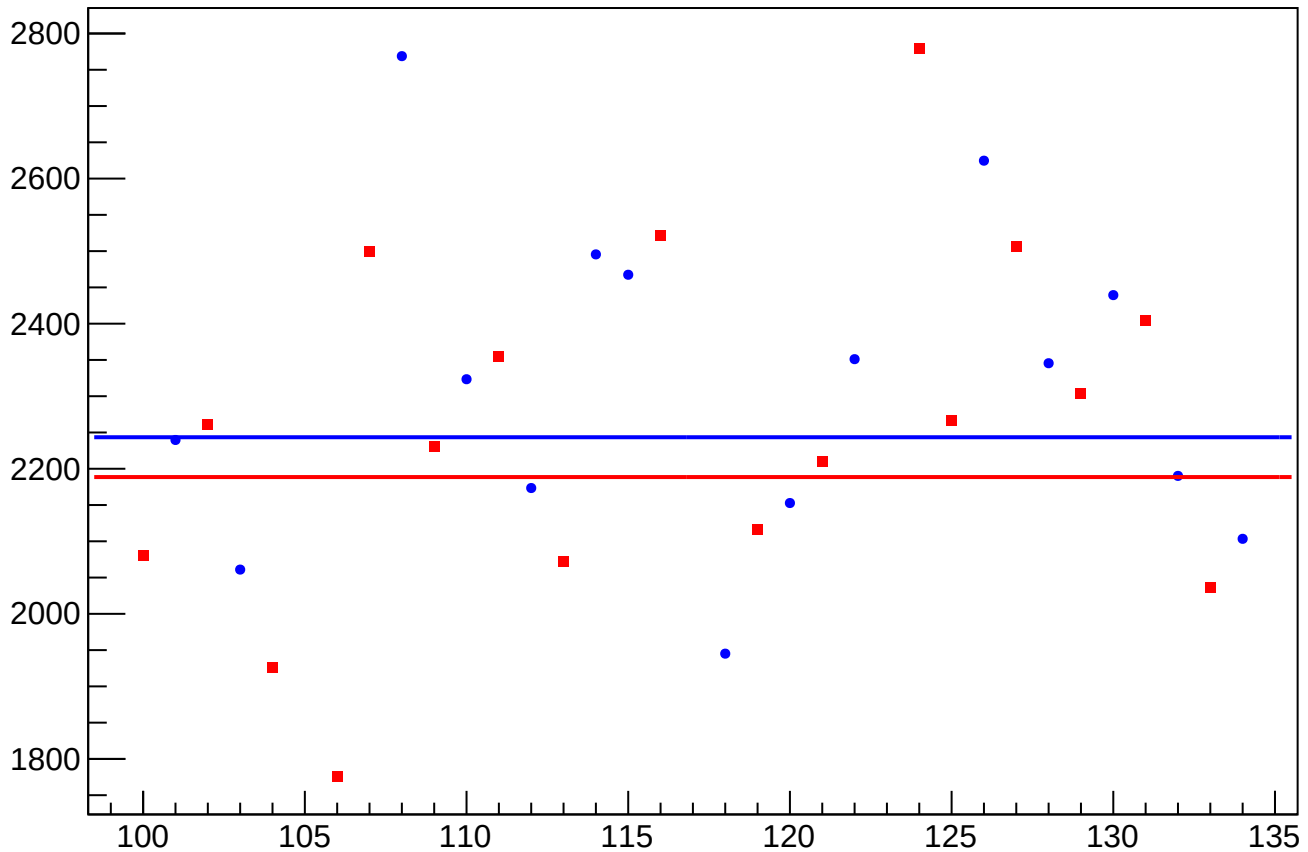
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.317 $\pm$ 0.615 χ^2 /NDF: 530.8/31

- 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

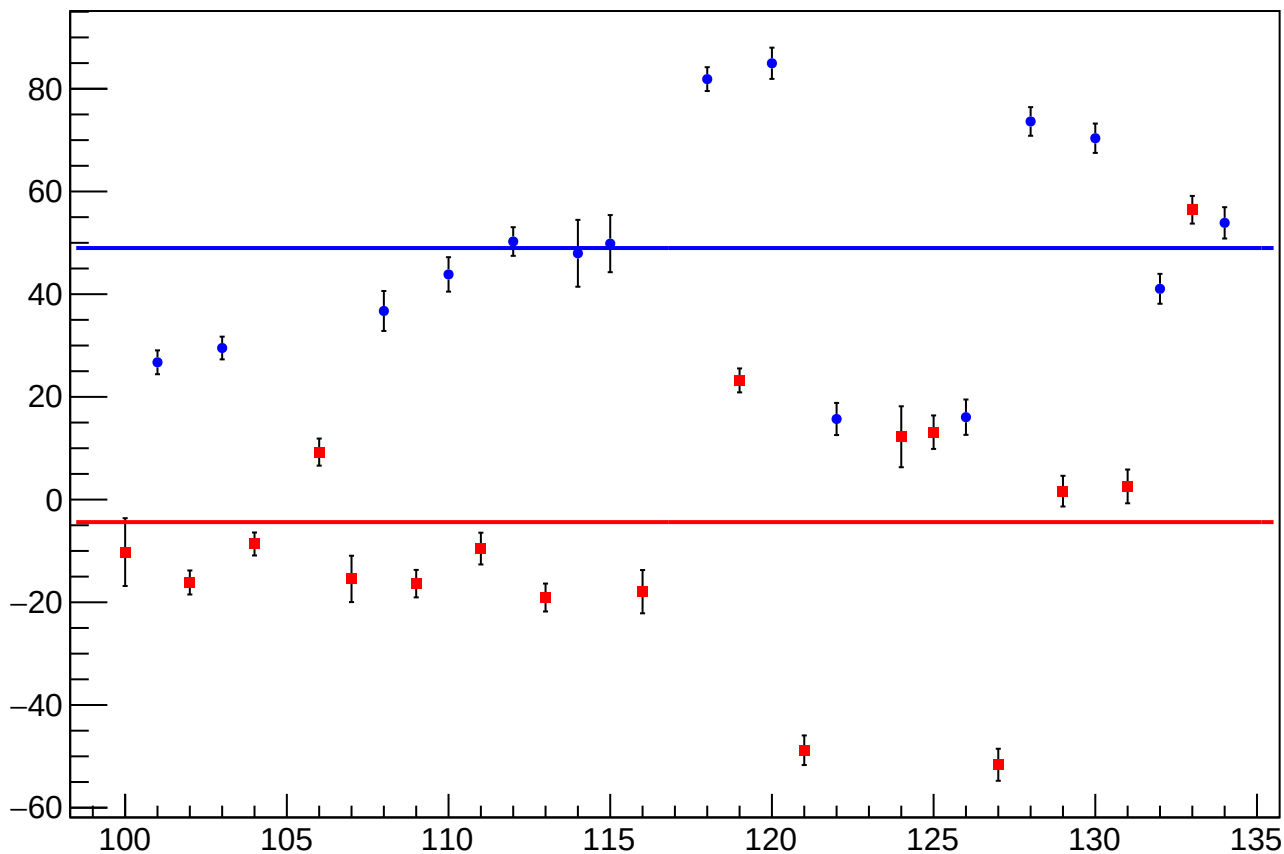
Right Out: 2188.555 $\pm$ 0.598 χ^2 /NDF: 123655.3/16

All: 2214.438 $\pm$ 0.435 χ^2 /NDF: 229835.0/31

- 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

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: -4.385 $\pm$ 0.724 χ^2 /NDF: 1285.4/16

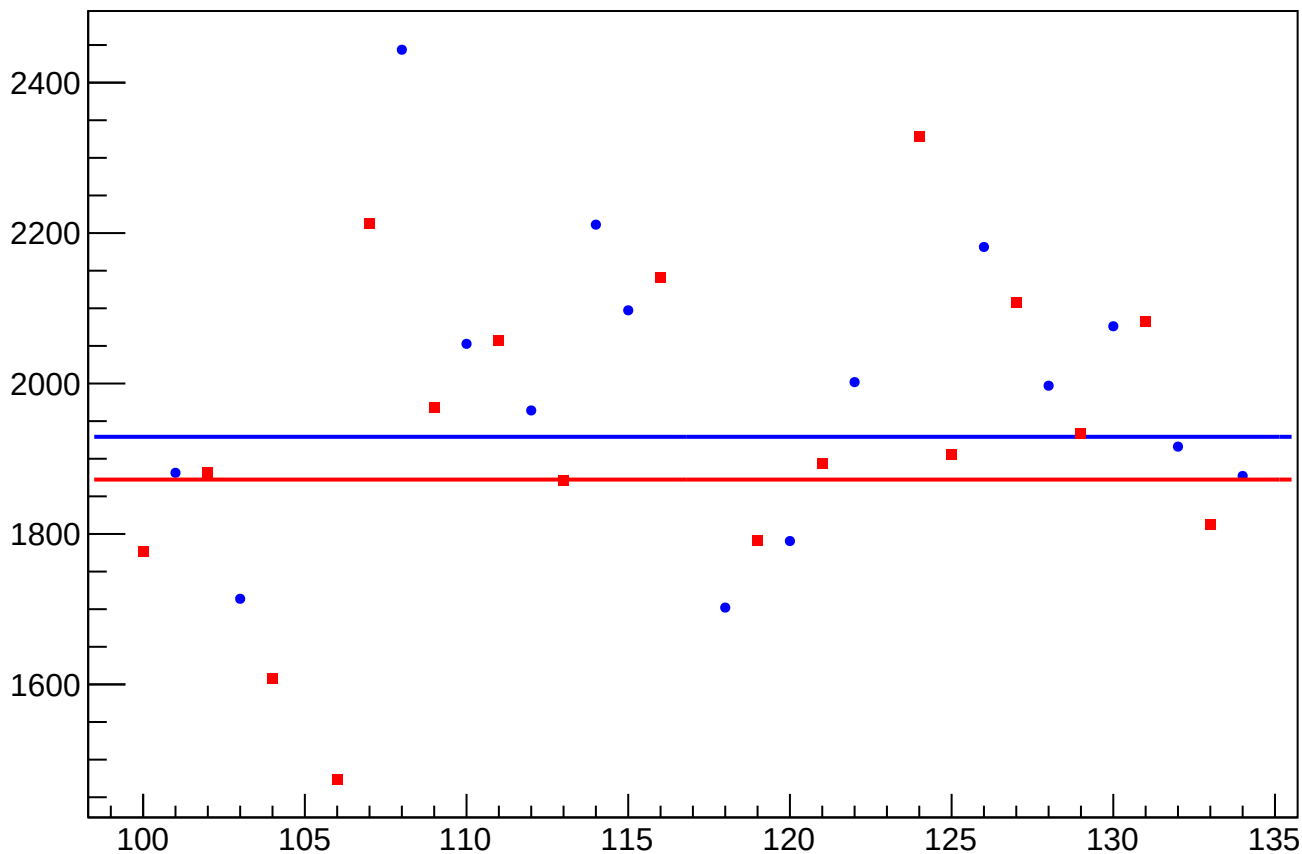
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.670 $\pm$ 0.528 χ^2 /NDF: 4704.4/31

- 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

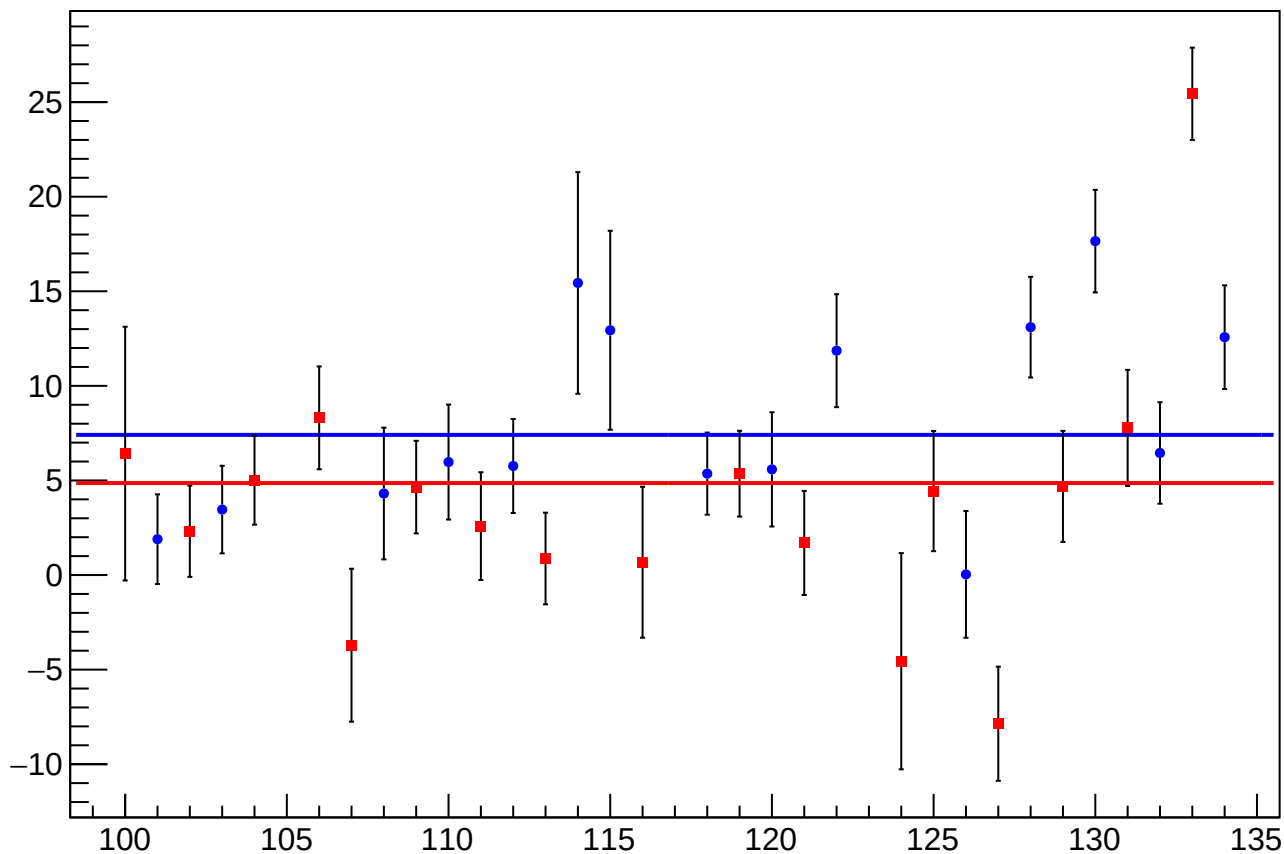
Right Out: 1872.315 $\pm$ 0.512 χ^2 /NDF: 139284.6/16

All: 1899.002 $\pm$ 0.373 χ^2 /NDF: 250642.4/31

- 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

diff_bpm0i01aY_mean vs Slug



Right In: 7.409 $\pm$ 0.734 χ^2 /NDF: 43.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.862 $\pm$ 0.698 χ^2 /NDF: 105.6/16

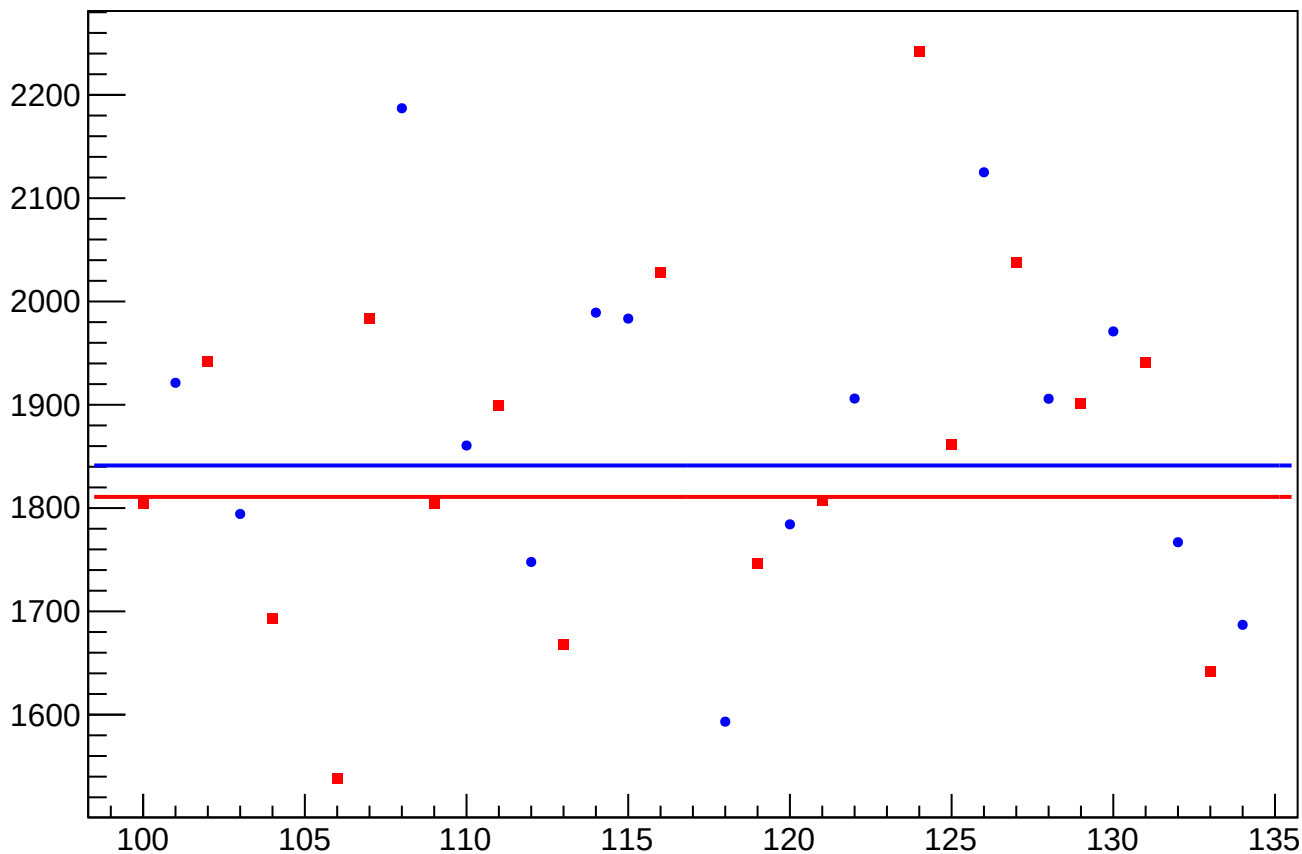
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.072 $\pm$ 0.506 χ^2 /NDF: 155.5/31

- sign 0.000 $\pm$ 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: 1810.824+/-0.494 χ^2/NDF : 89414.2/16

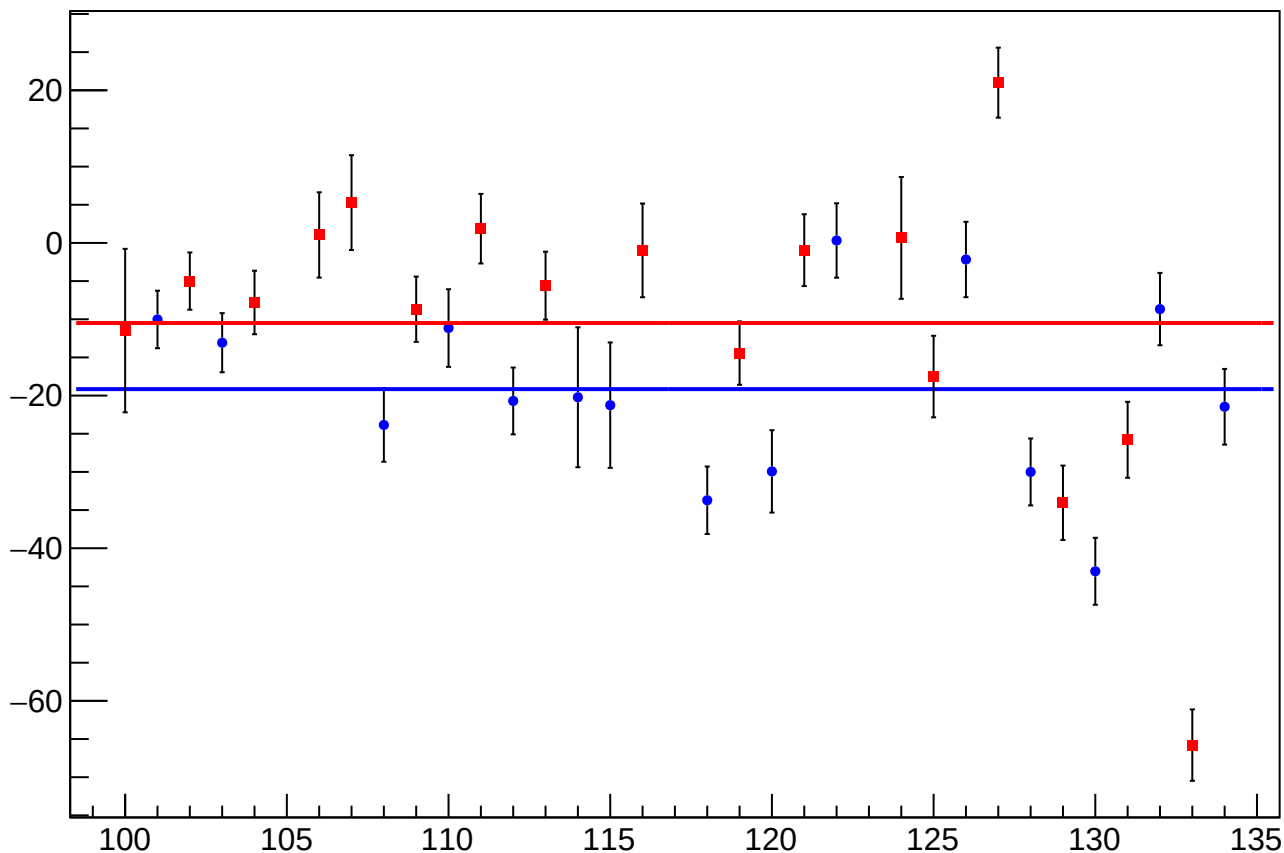
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1825.265+/-0.358 χ^2/NDF : 175420.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l01X_mean vs Slug



Right In: -19.154 ± 1.235 $\chi^2/\text{NDF}: 95.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -10.491 ± 1.191 $\chi^2/\text{NDF}: 252.9/16$

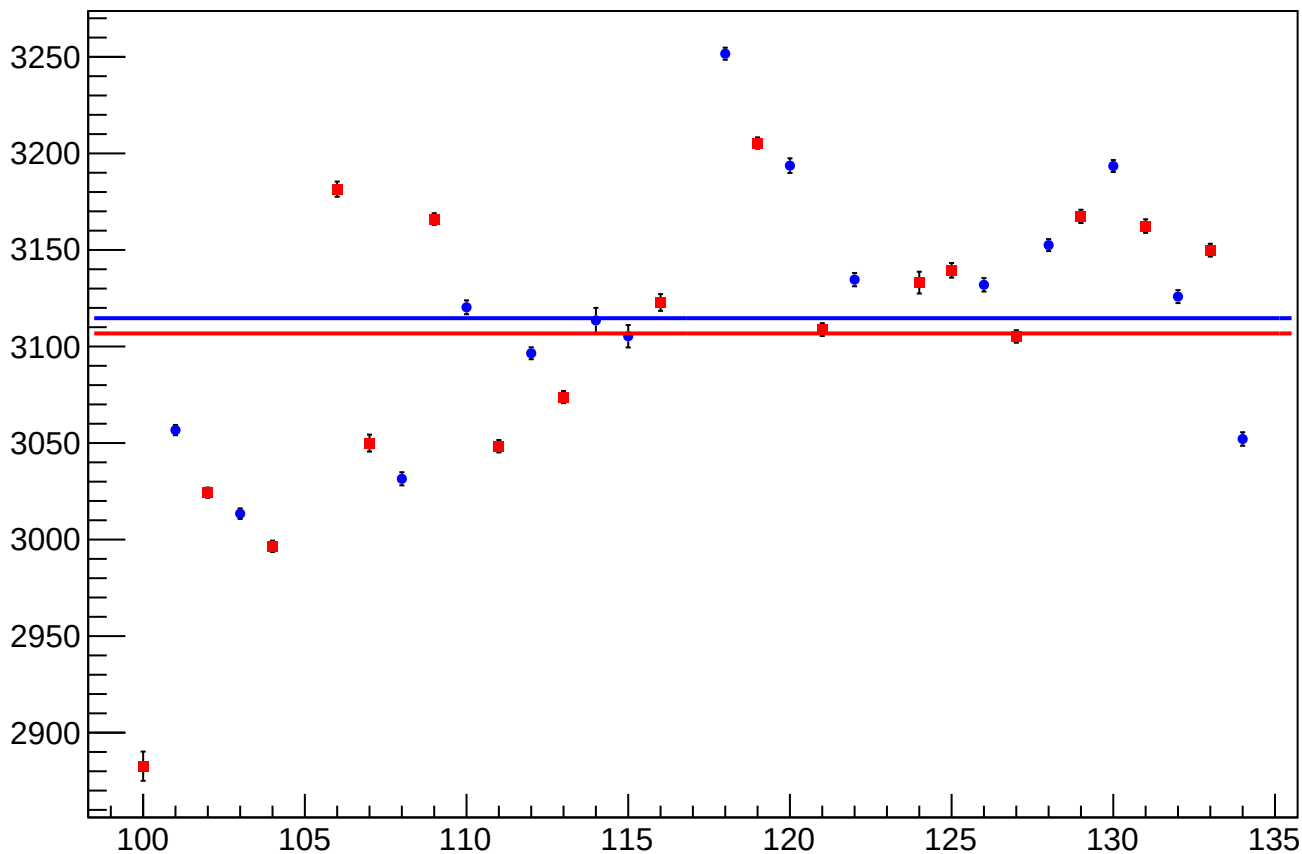
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -14.665 ± 0.857 $\chi^2/\text{NDF}: 373.8/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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: 3106.758 $\pm$ 0.842 χ^2 /NDF: 6562.3/16

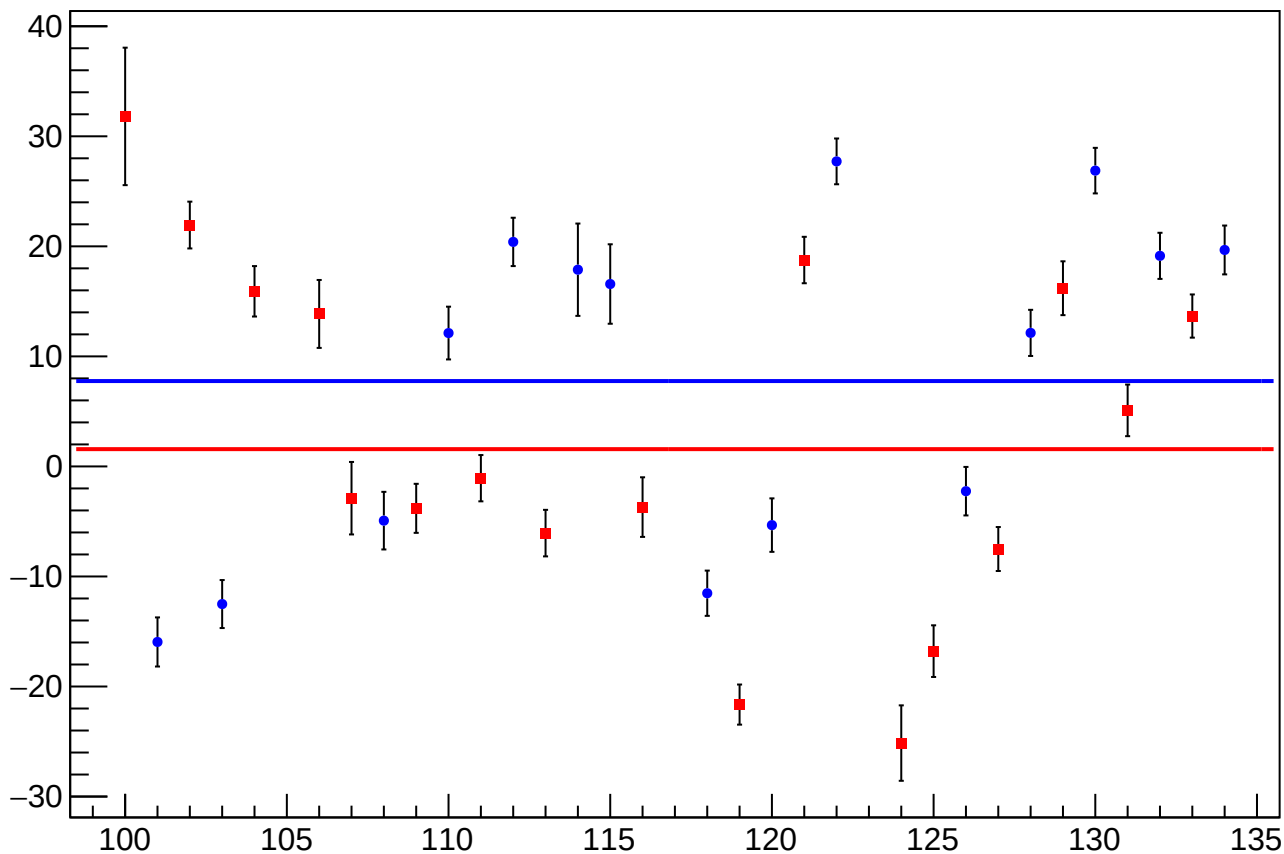
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3110.564 $\pm$ 0.606 χ^2 /NDF: 12608.6/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l01Y_mean vs Slug



Right In: 7.758+/-0.597 χ^2/NDF : 648.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.571+/-0.570 χ^2/NDF : 643.2/16

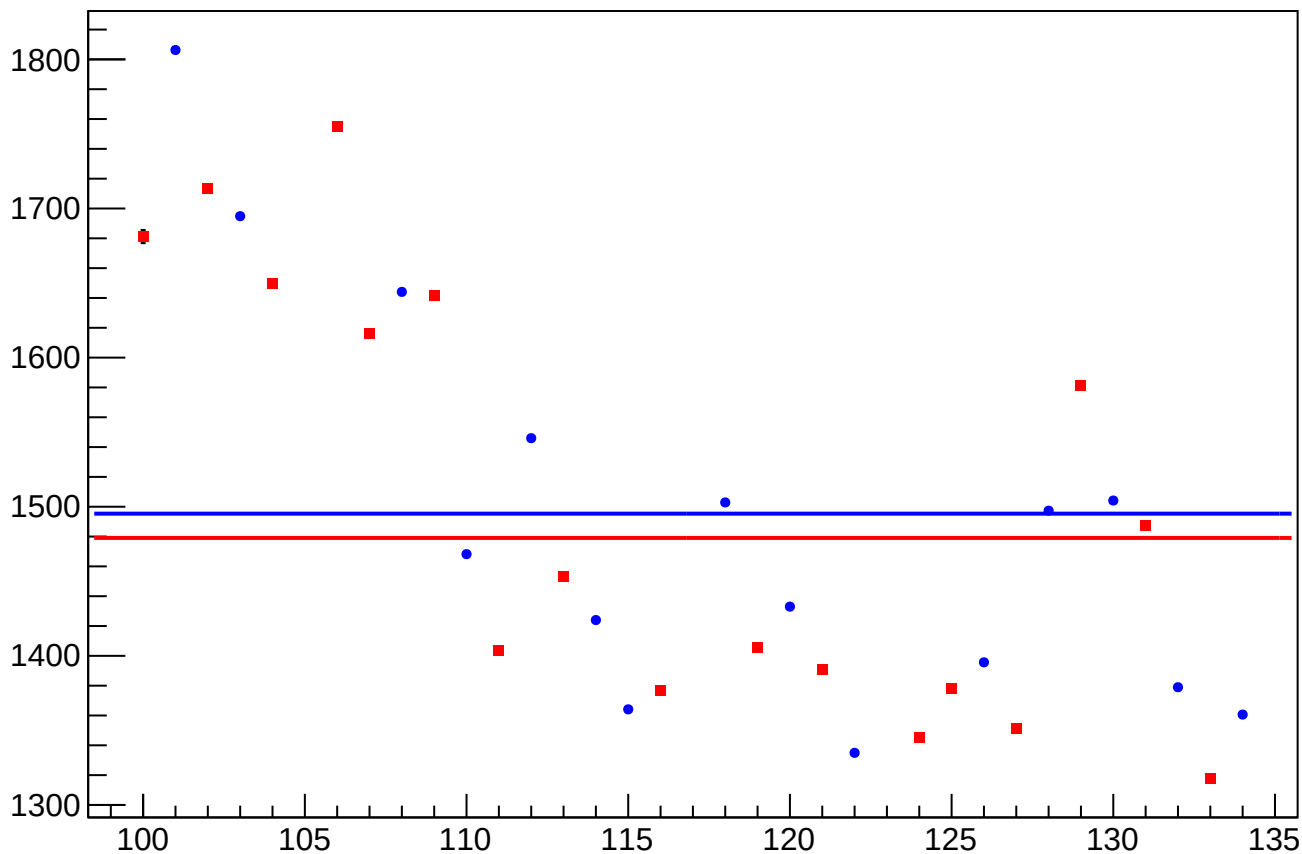
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.524+/-0.412 χ^2/NDF : 1347.9/31

- sign 0.000+/-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: 1479.084+/-0.403 χ^2/NDF : 112083.4/16

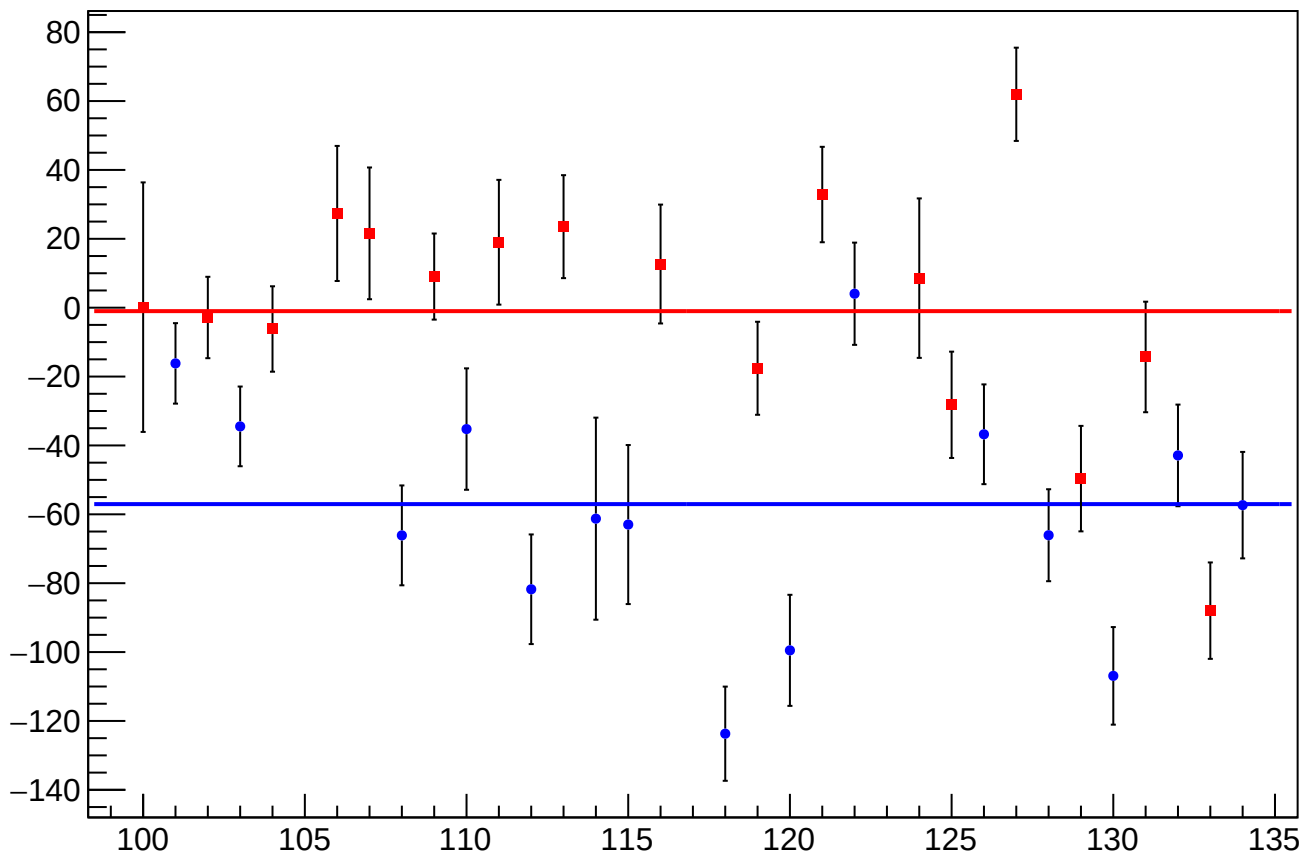
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1486.852+/-0.292 χ^2/NDF : 210331.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l02X_mean vs Slug



Right In: -57.038+/-3.846 χ^2/NDF : 83.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.002+/-3.714 χ^2/NDF : 90.6/16

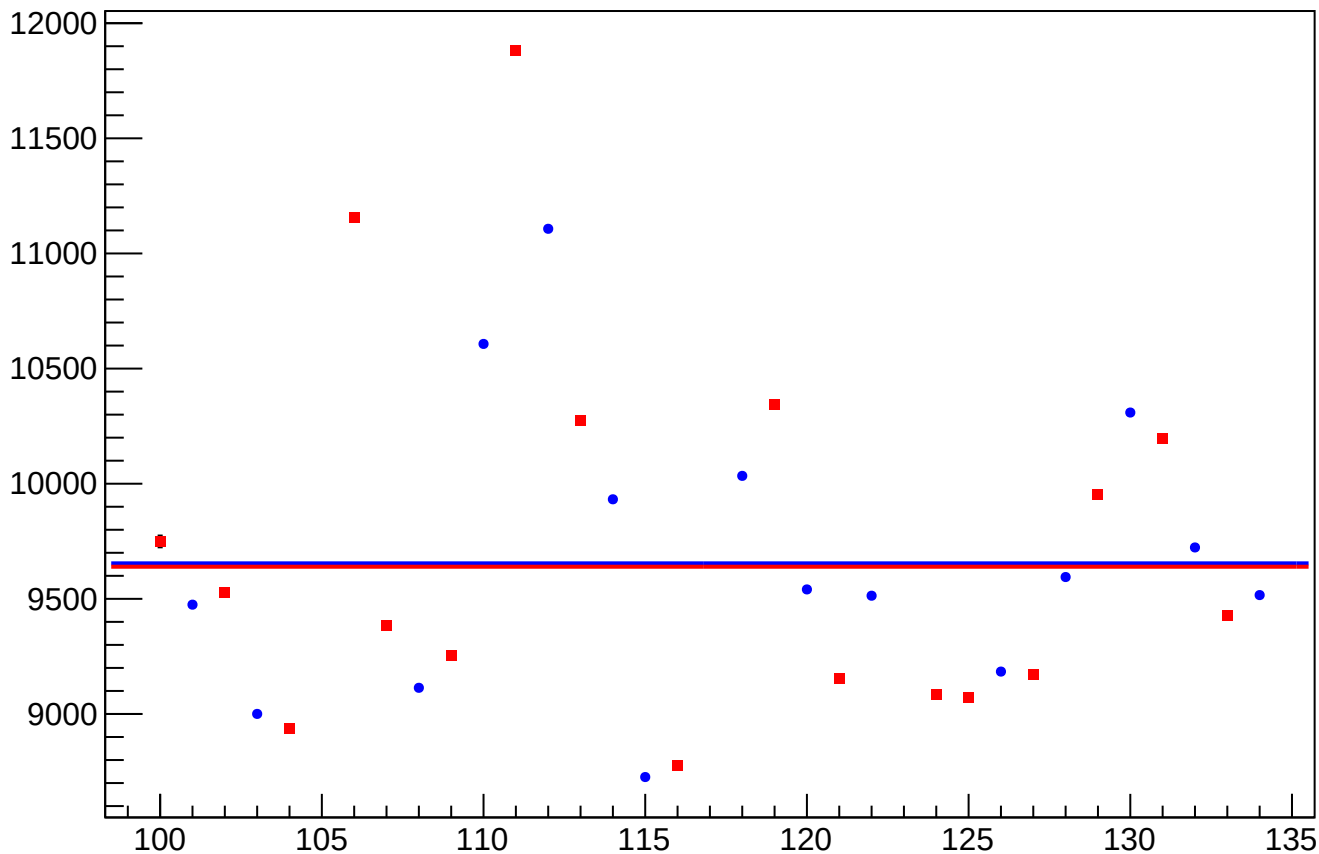
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.044+/-2.672 χ^2/NDF : 284.3/31

- sign 0.000+/-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: 9639.470+/-2.626 χ^2/NDF : 78016.1/16

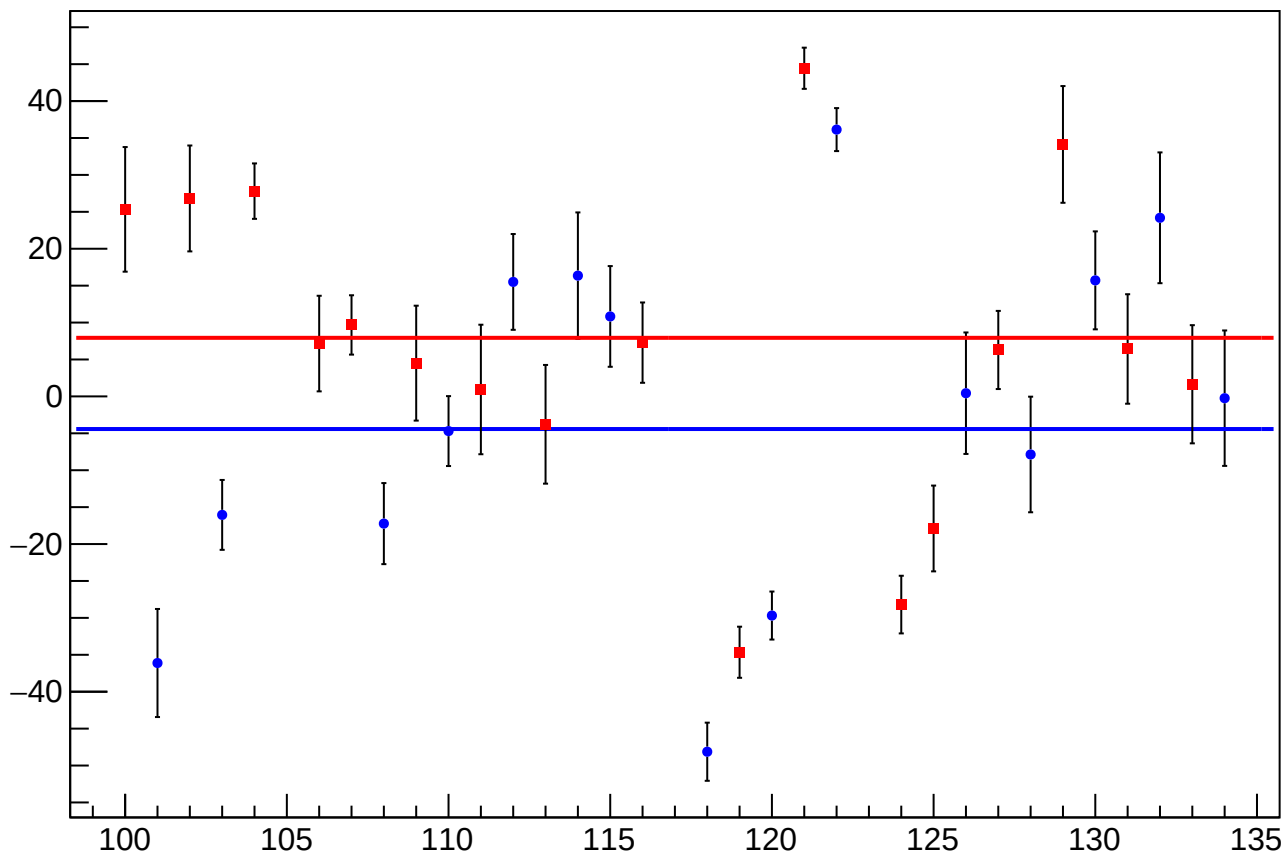
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9646.569+/-1.889 χ^2/NDF : 122029.6/31

- 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: 7.933 ± 1.229 χ^2/NDF : 482.2/16

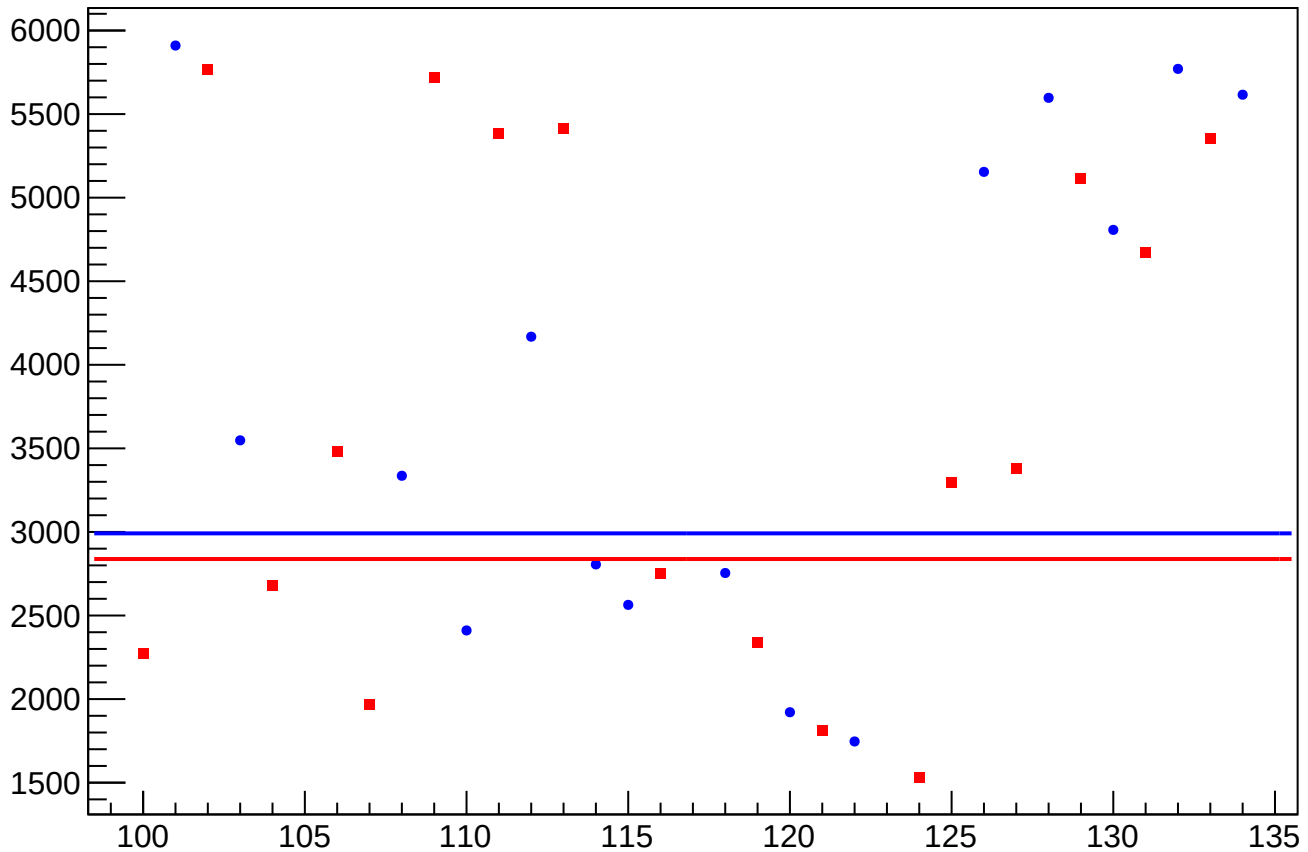
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 2.296 ± 0.906 χ^2/NDF : 976.9/31

- 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

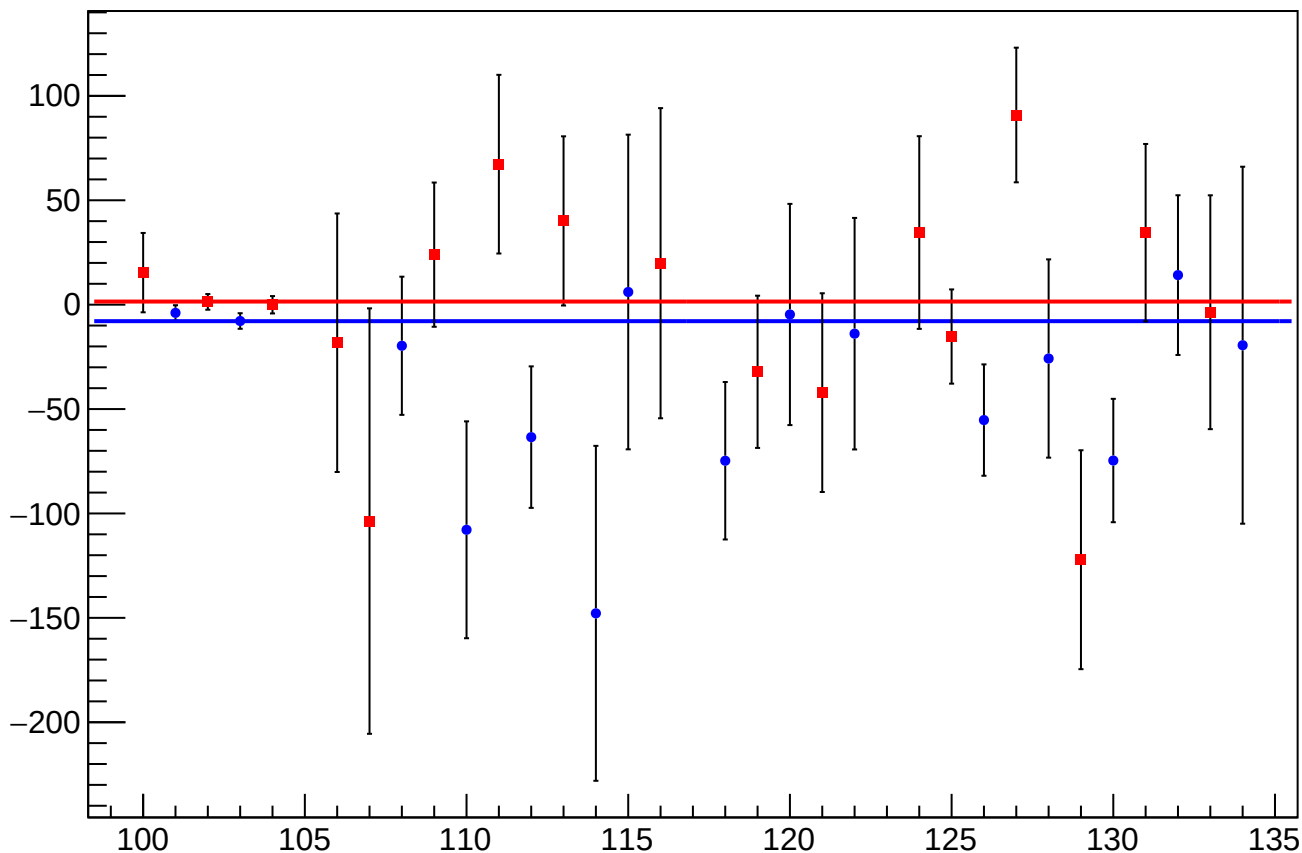
Right Out: 2837.993 $\pm$ 0.869 χ^2 /NDF: 2161952.2/16

All: 2908.055 $\pm$ 0.641 χ^2 /NDF: 4094149.3/31

- 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

diff_bpm0l03X_mean vs Slug



Right In: -7.898 ± 2.549 $\chi^2/\text{NDF}: 22.7/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1.496 ± 2.673 $\chi^2/\text{NDF}: 22.2/16$

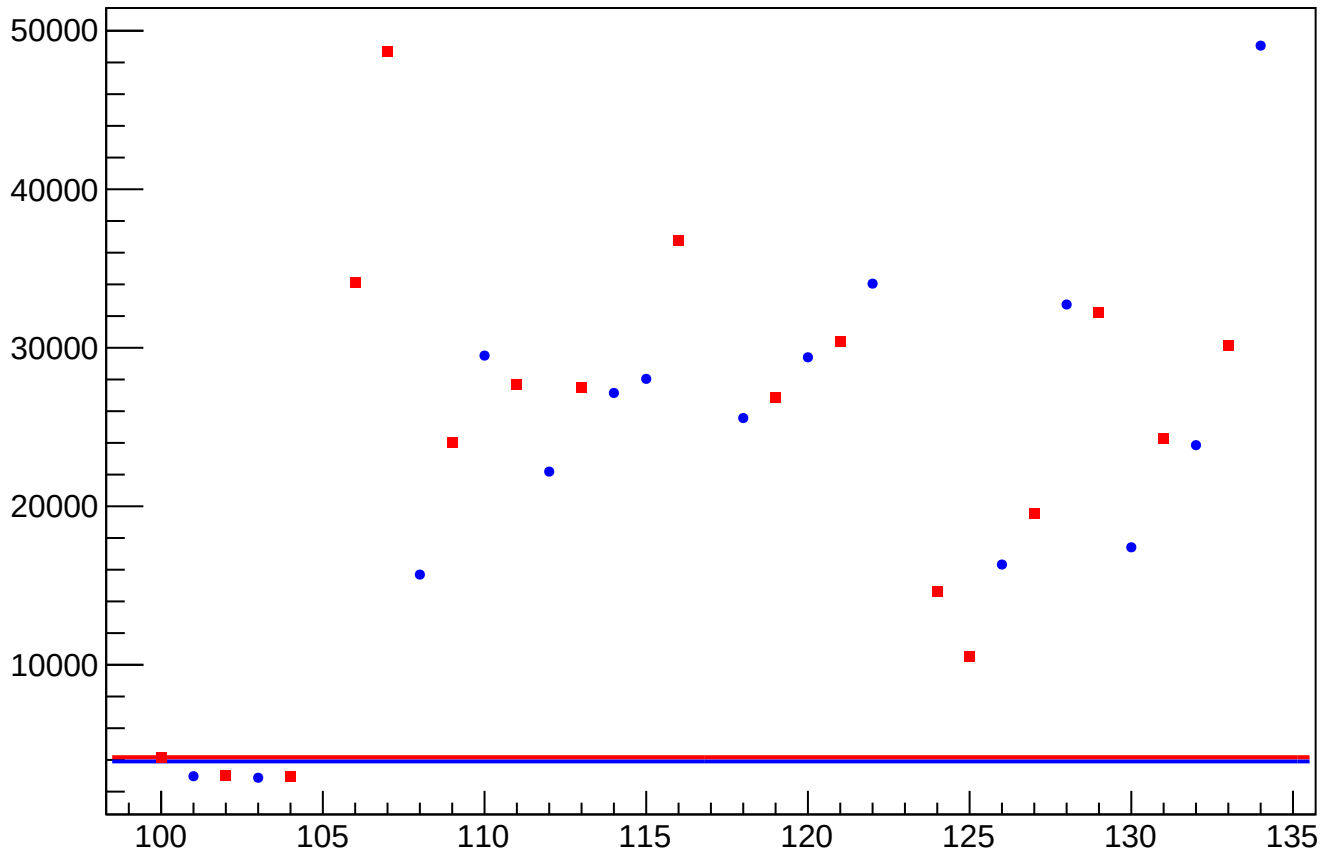
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -3.423 ± 1.845 $\chi^2/\text{NDF}: 51.3/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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

Right Out: 4170.974+/-1.890 χ^2/NDF : 7076385.8/16

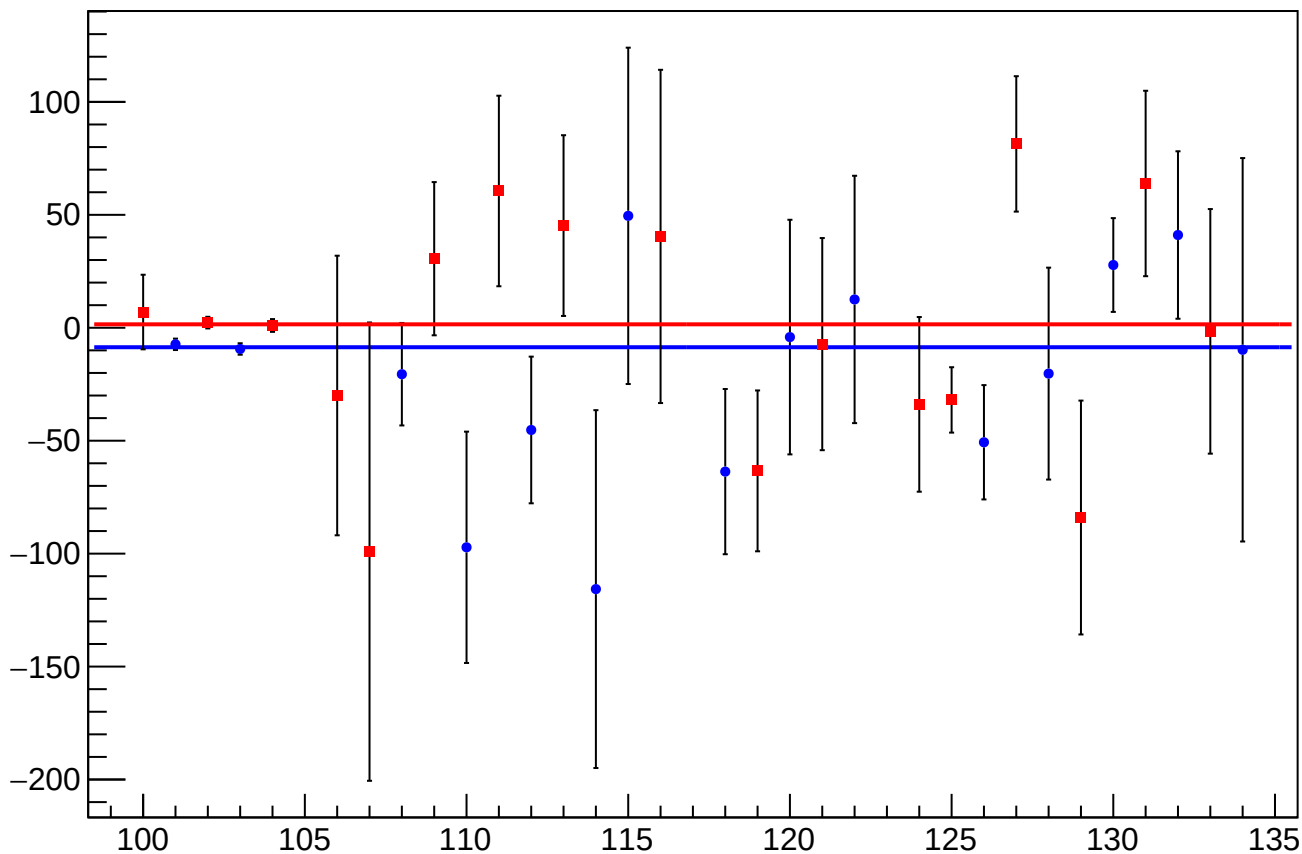
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4032.479+/-1.304 χ^2/NDF : 13469700.3/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l03Y_mean vs Slug



Right In: -8.614+/-1.761 χ^2/NDF : 17.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.526+/-1.852 χ^2/NDF : 27.3/16

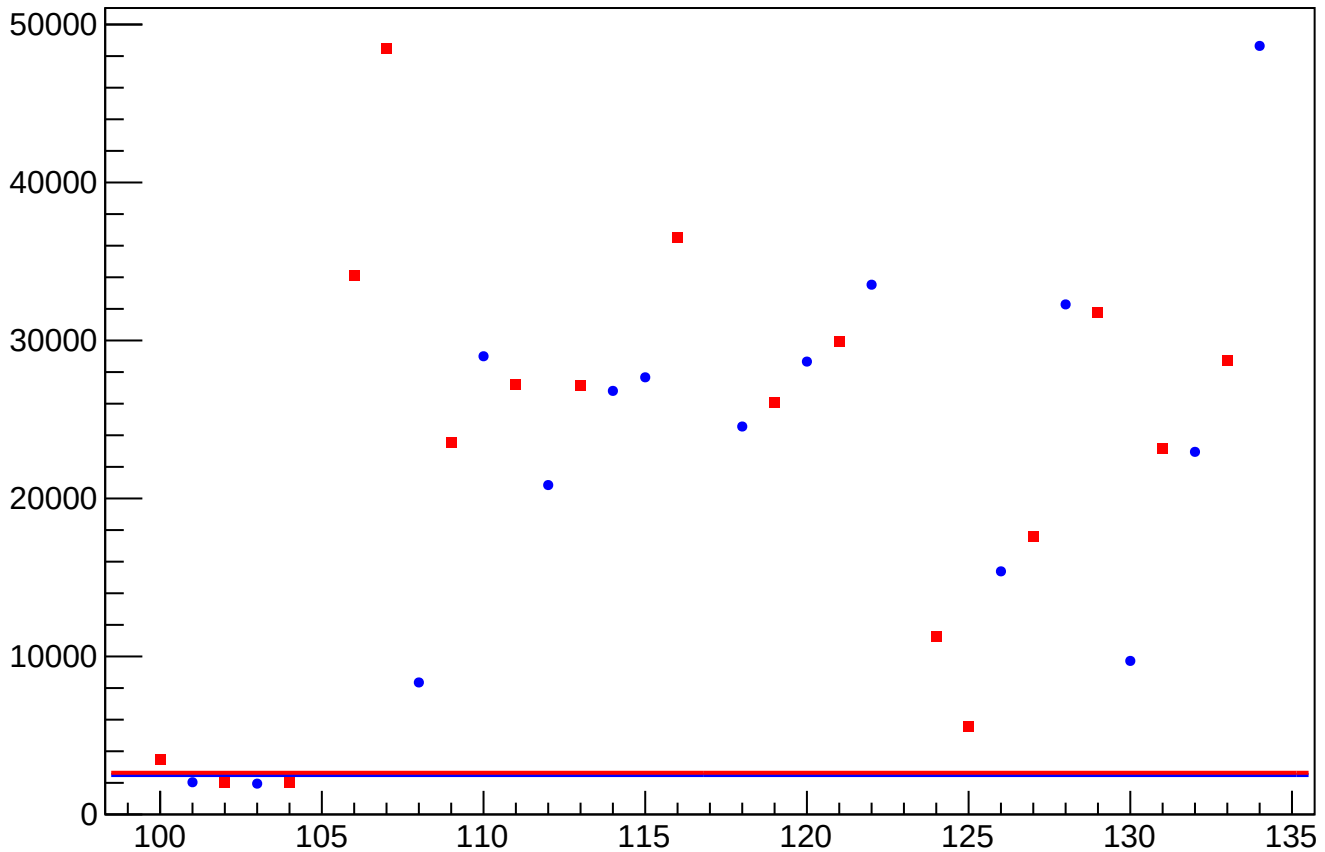
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.800+/-1.276 χ^2/NDF : 60.5/31

- sign 0.000+/-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: 2638.594+/-1.310 χ^2/NDF : 7572592.7/16

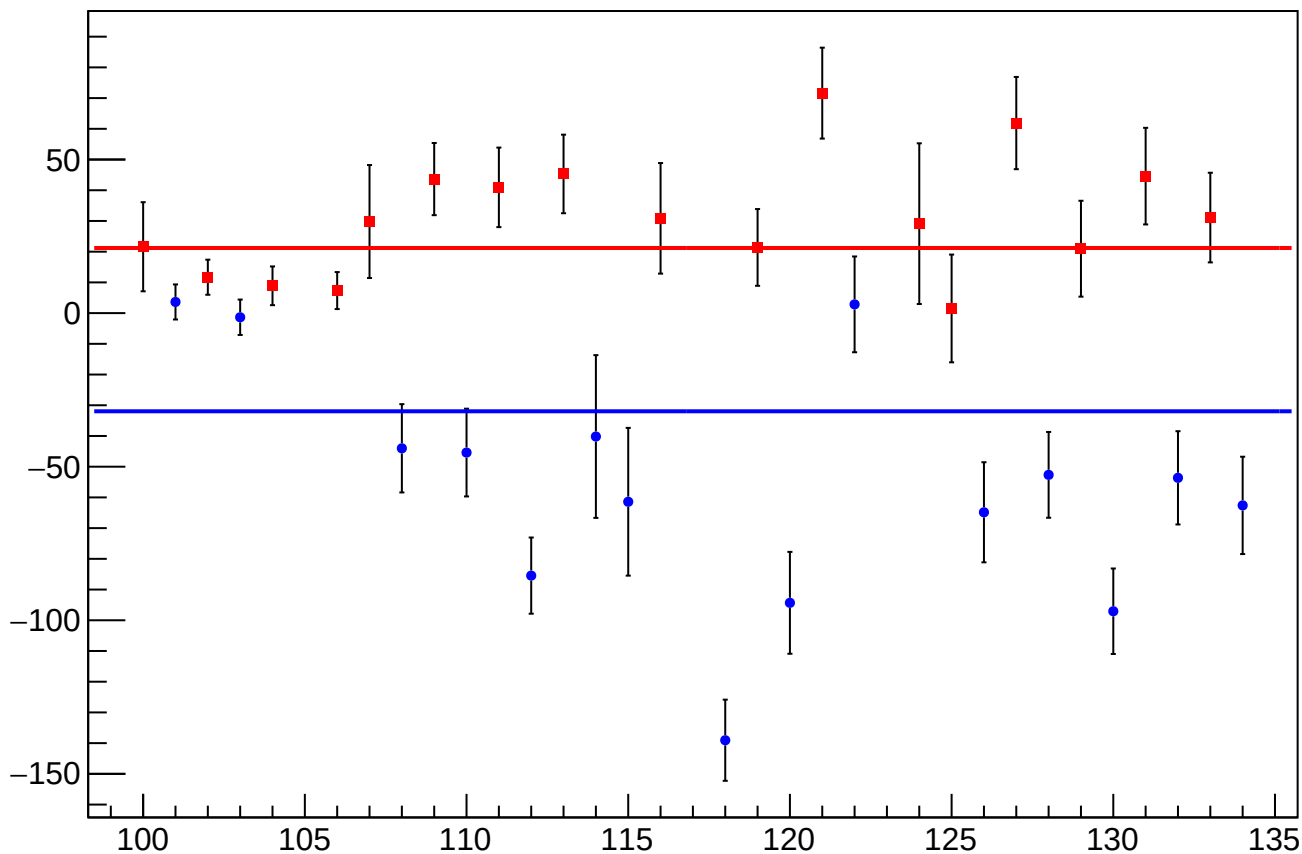
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2562.271+/-0.902 χ^2/NDF : 14107598.5/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l04X_mean vs Slug



Right In: -31.961 ± 2.935 χ^2/NDF : 207.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 21.203 ± 2.613 χ^2/NDF : 44.9/16

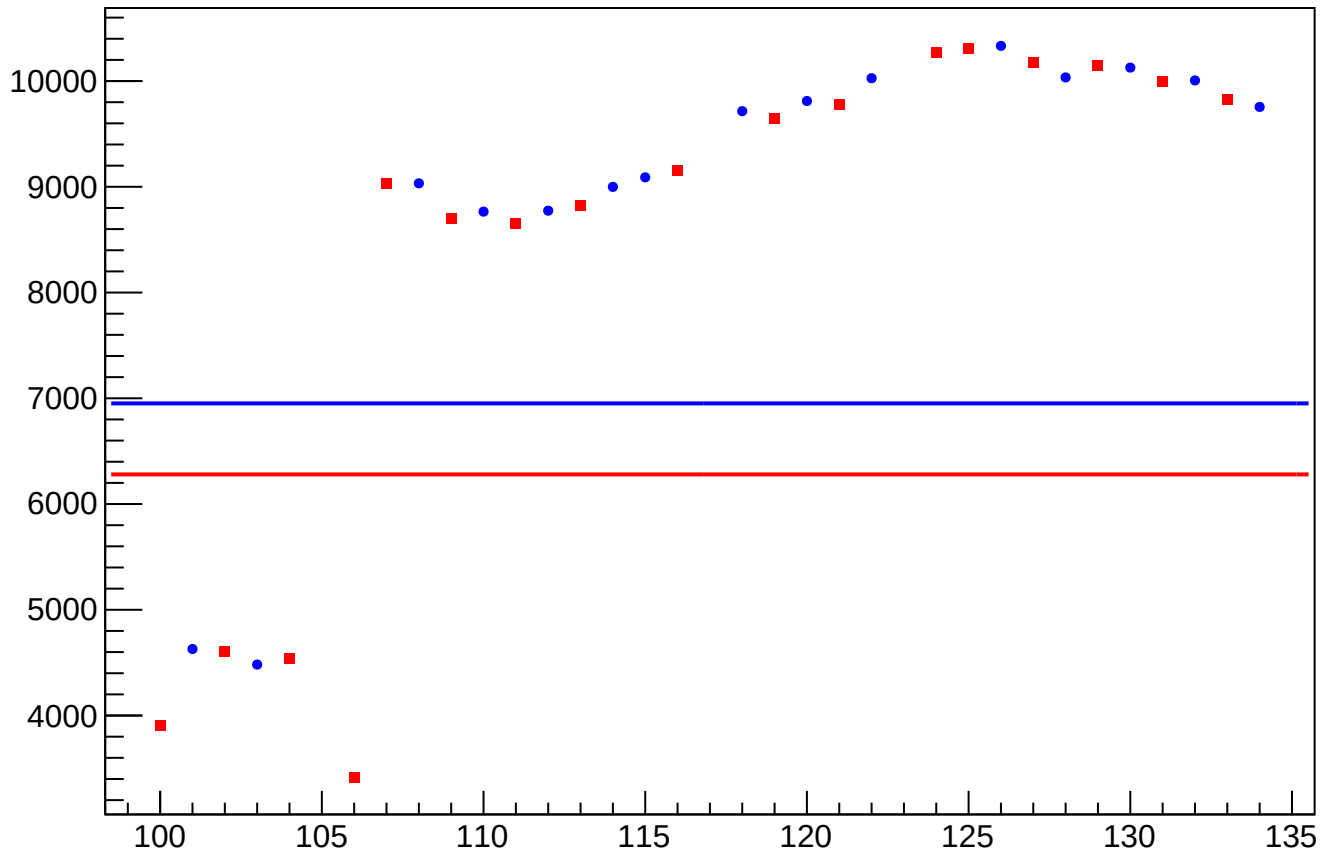
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.300 ± 1.952 χ^2/NDF : 435.6/31

- sign 0.000 ± 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

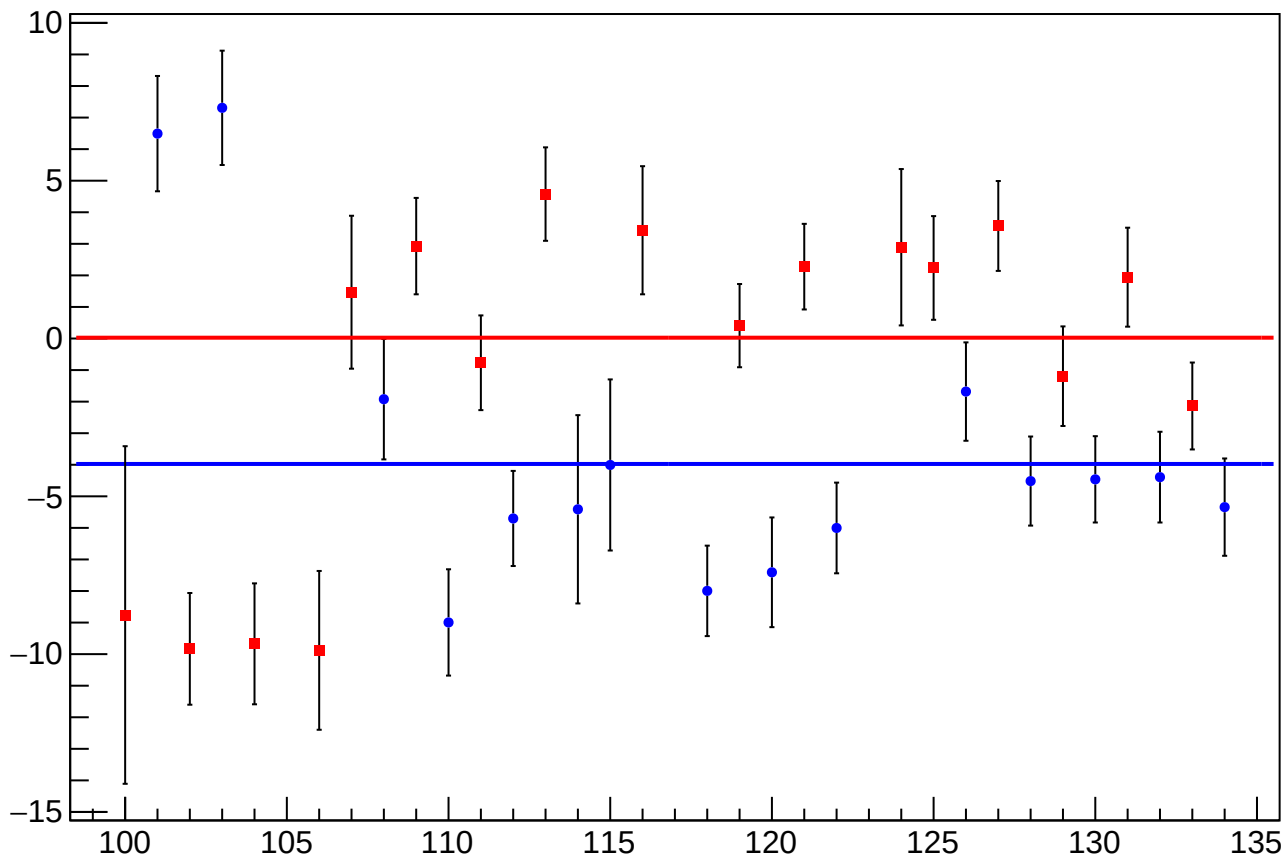
Right Out: 6280.318+/-1.848 χ^2/NDF : 2052898.4/16

All: 6577.122+/-1.380 χ^2/NDF : 3611055.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 0.026+/-0.408 χ^2/NDF : 108.1/16

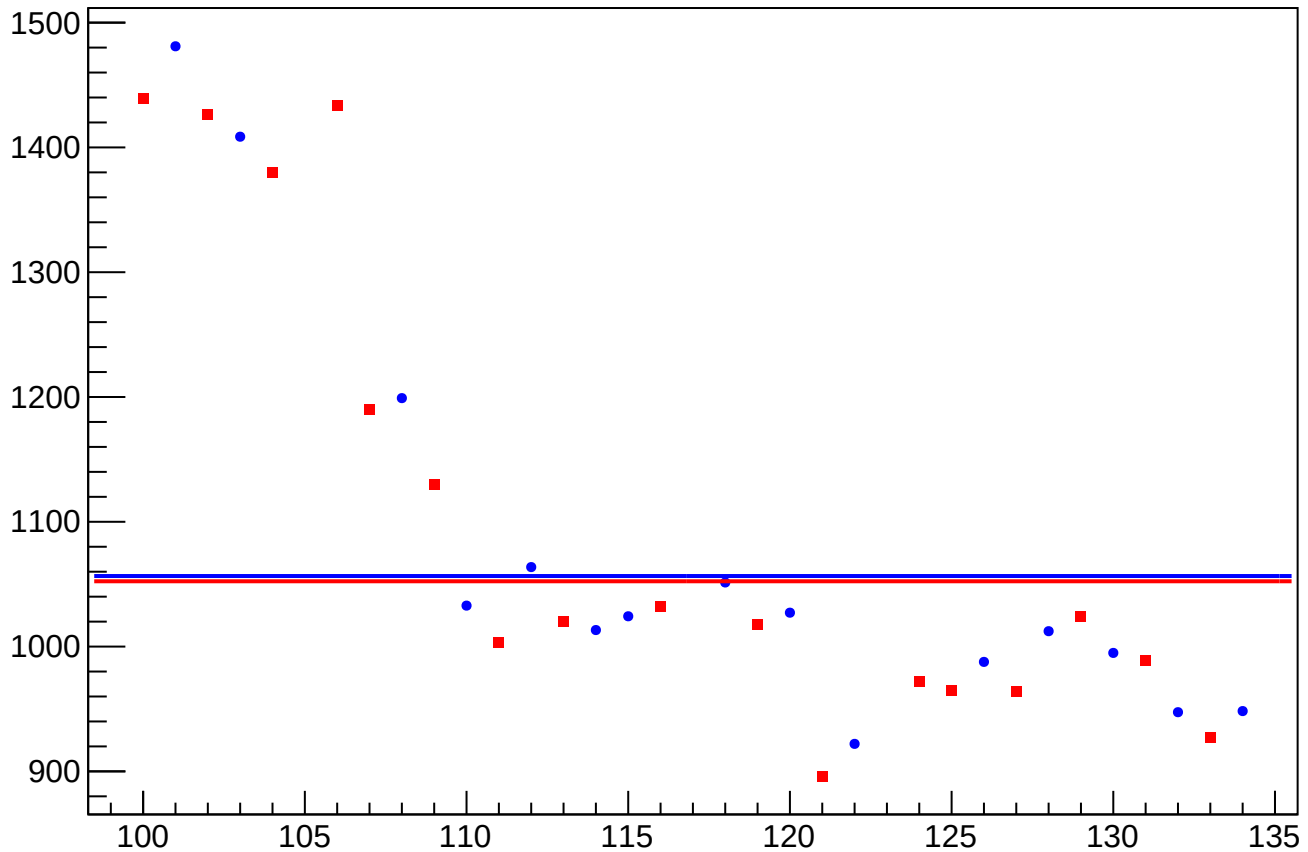
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.900+/-0.294 χ^2/NDF : 254.7/31

- 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

Right Out: 1052.331 $\pm$ 0.288 χ^2 /NDF: 283288.2/16

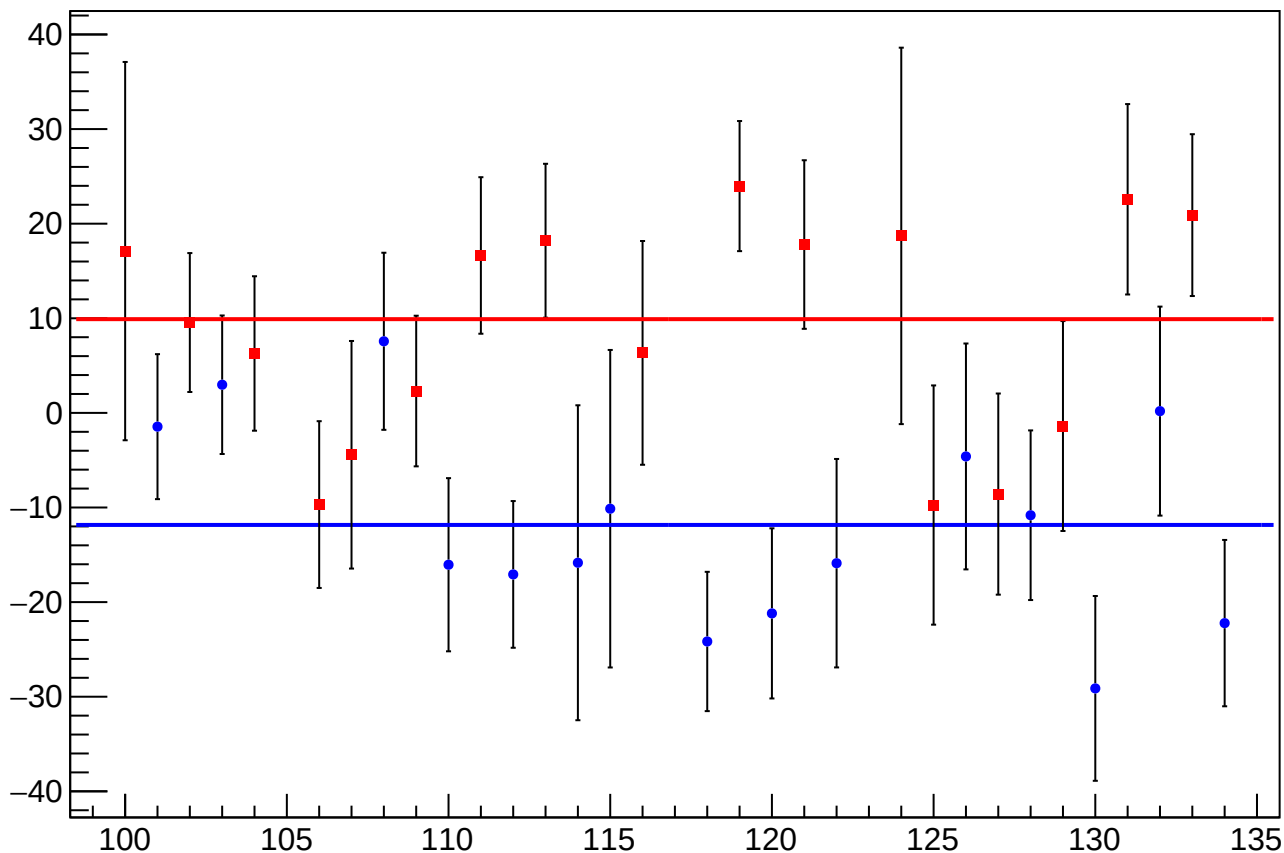
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1054.356 $\pm$ 0.208 χ^2 /NDF: 528672.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l05X_mean vs Slug



Right In: -11.843 ± 2.404 $\chi^2/\text{NDF}: 21.1/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 9.908 ± 2.285 $\chi^2/\text{NDF}: 24.3/16$

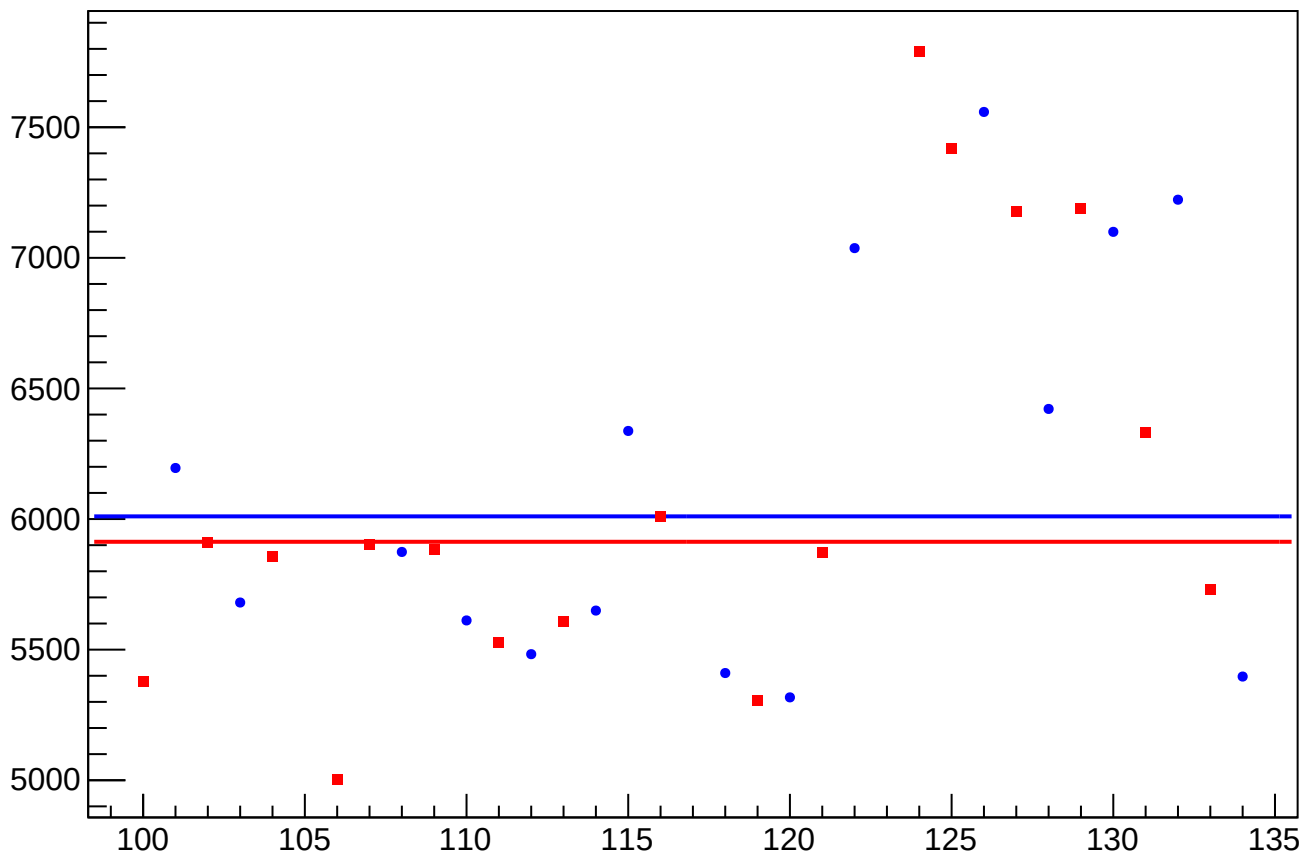
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.413 ± 1.656 $\chi^2/\text{NDF}: 88.4/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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

Right Out: 5912.938+/-1.616 χ^2/NDF : 150980.4/16

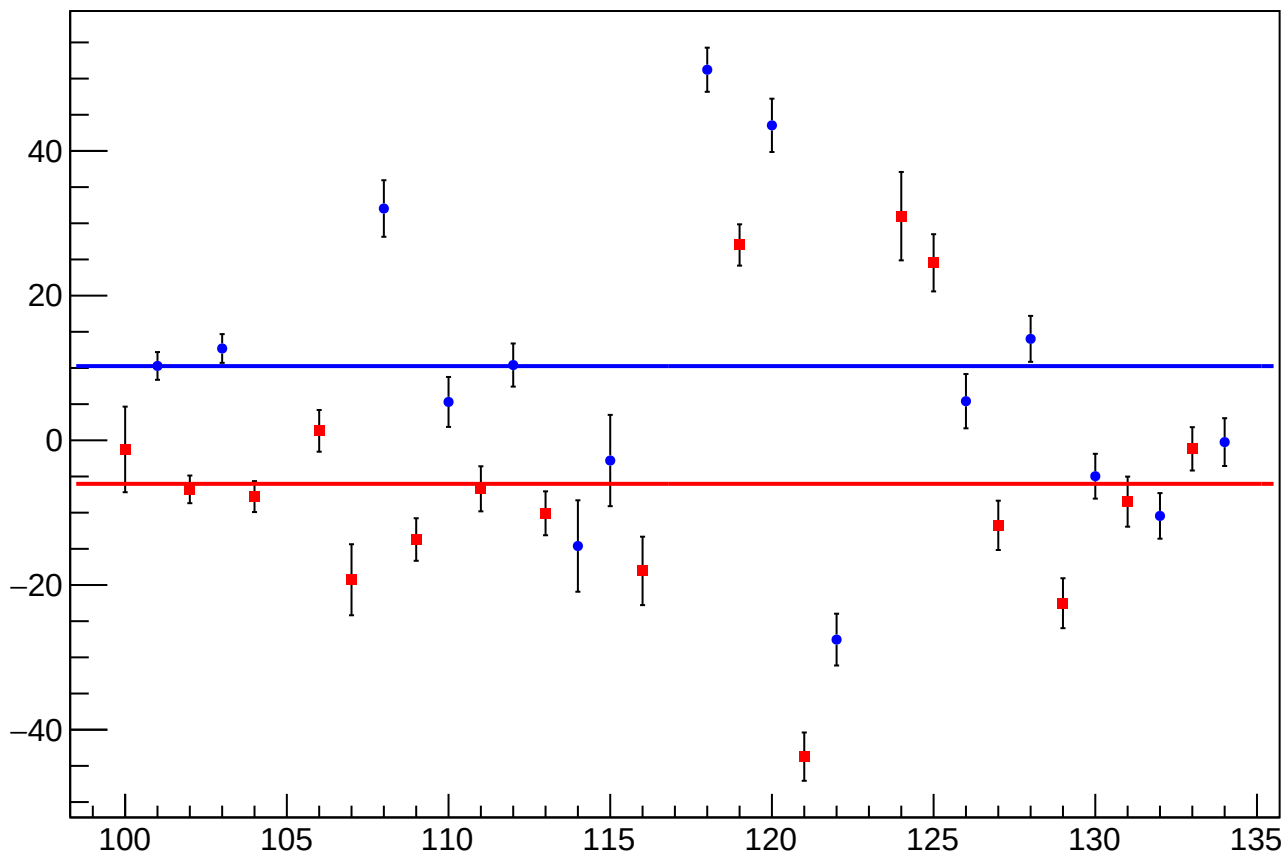
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5959.113+/-1.171 χ^2/NDF : 312187.2/31

- 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: -6.016+/-0.762 χ^2/NDF : 417.0/16

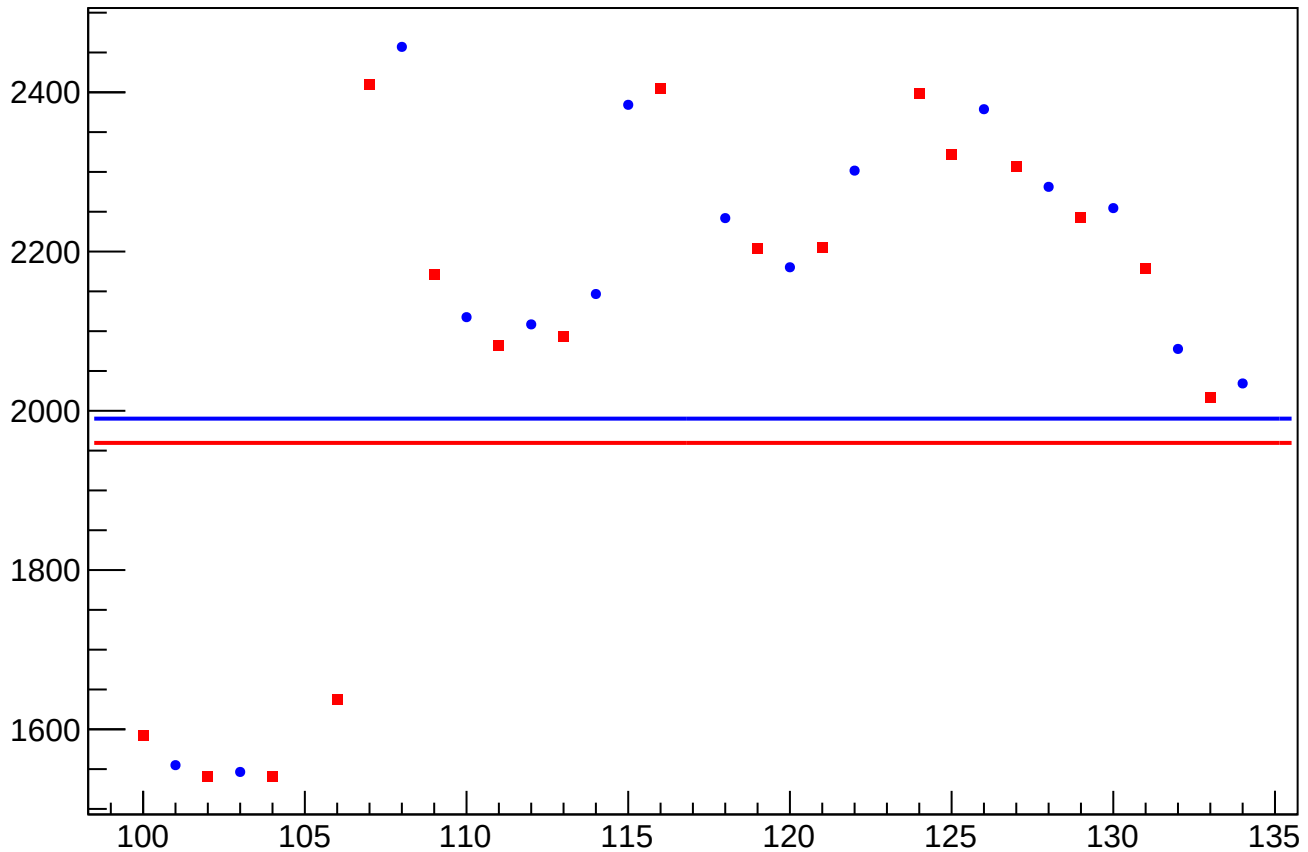
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.725+/-0.552 χ^2/NDF : 1142.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l05Y_rms vs Slug



Right In: 1990.162 $\pm$ 0.566 χ^2 /NDF: 334971.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1959.683 $\pm$ 0.539 χ^2 /NDF: 353035.8/16

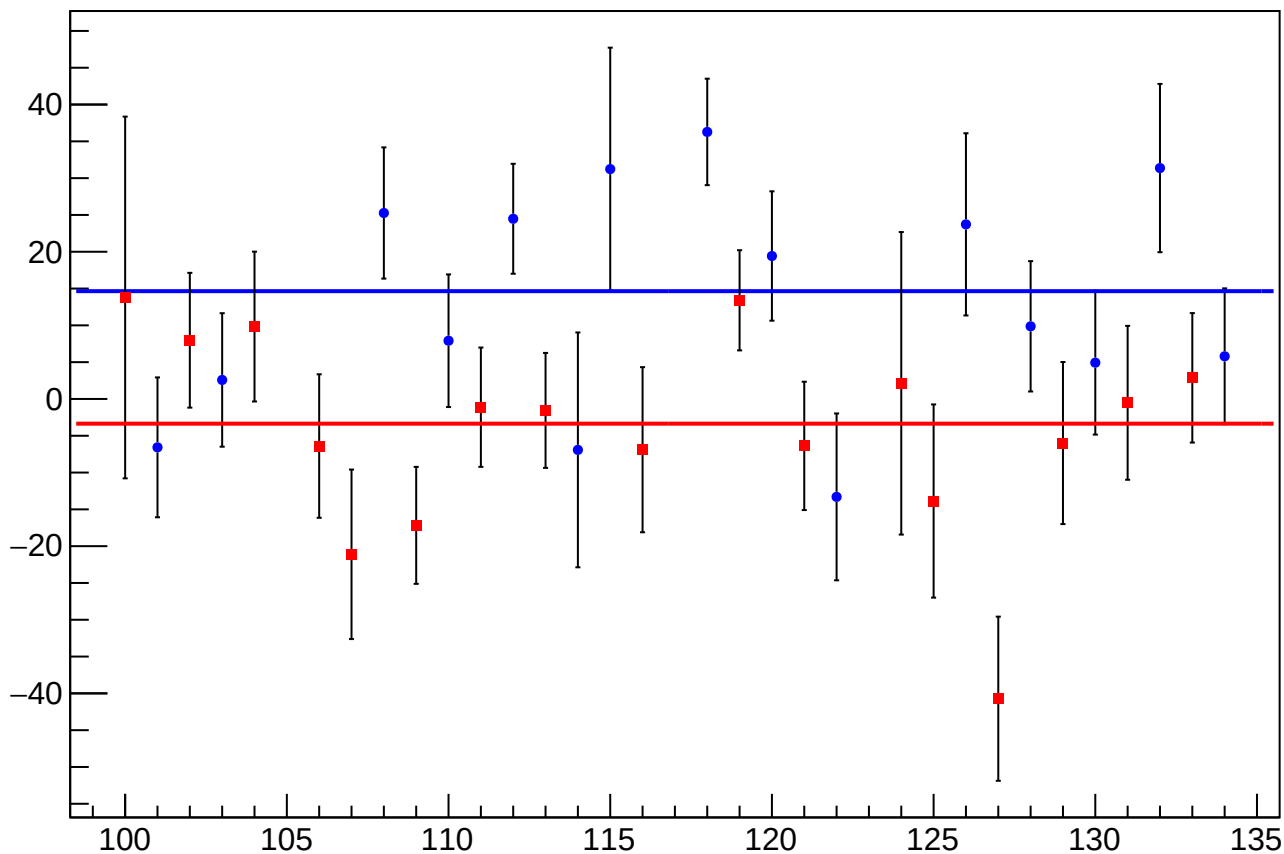
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1974.180 $\pm$ 0.390 χ^2 /NDF: 689530.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l06X_mean vs Slug



Right In: 14.646+/-2.479 χ^2/NDF : 33.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.358+/-2.370 χ^2/NDF : 28.2/16

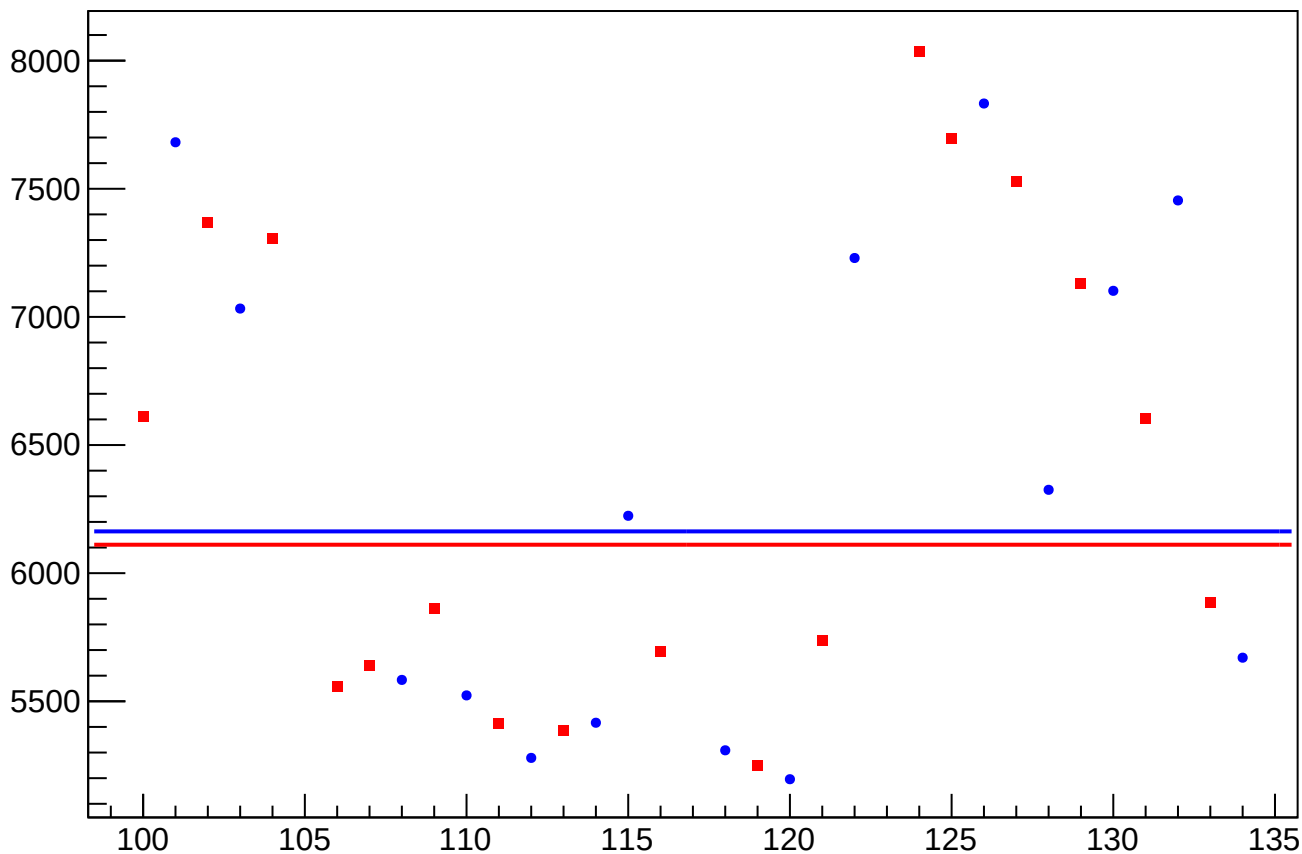
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.239+/-1.713 χ^2/NDF : 89.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l06X_rms vs Slug



Right In: 6163.020+/-1.753 χ^2/NDF : 277040.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

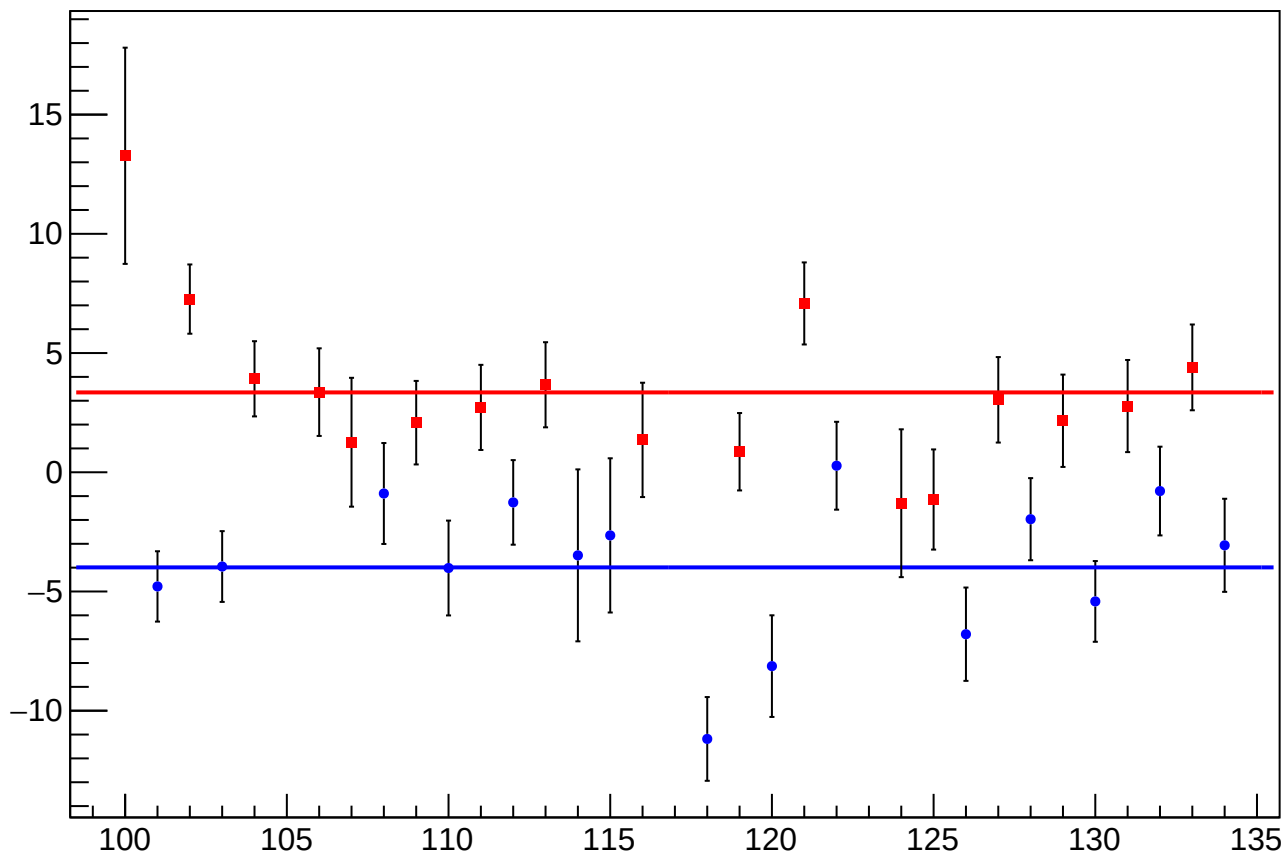
Right Out: 6111.009+/-1.676 χ^2/NDF : 250284.1/16

All: 6135.846+/-1.211 χ^2/NDF : 527784.4/31

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 3.349 ± 0.462 χ^2/NDF : 28.9/16

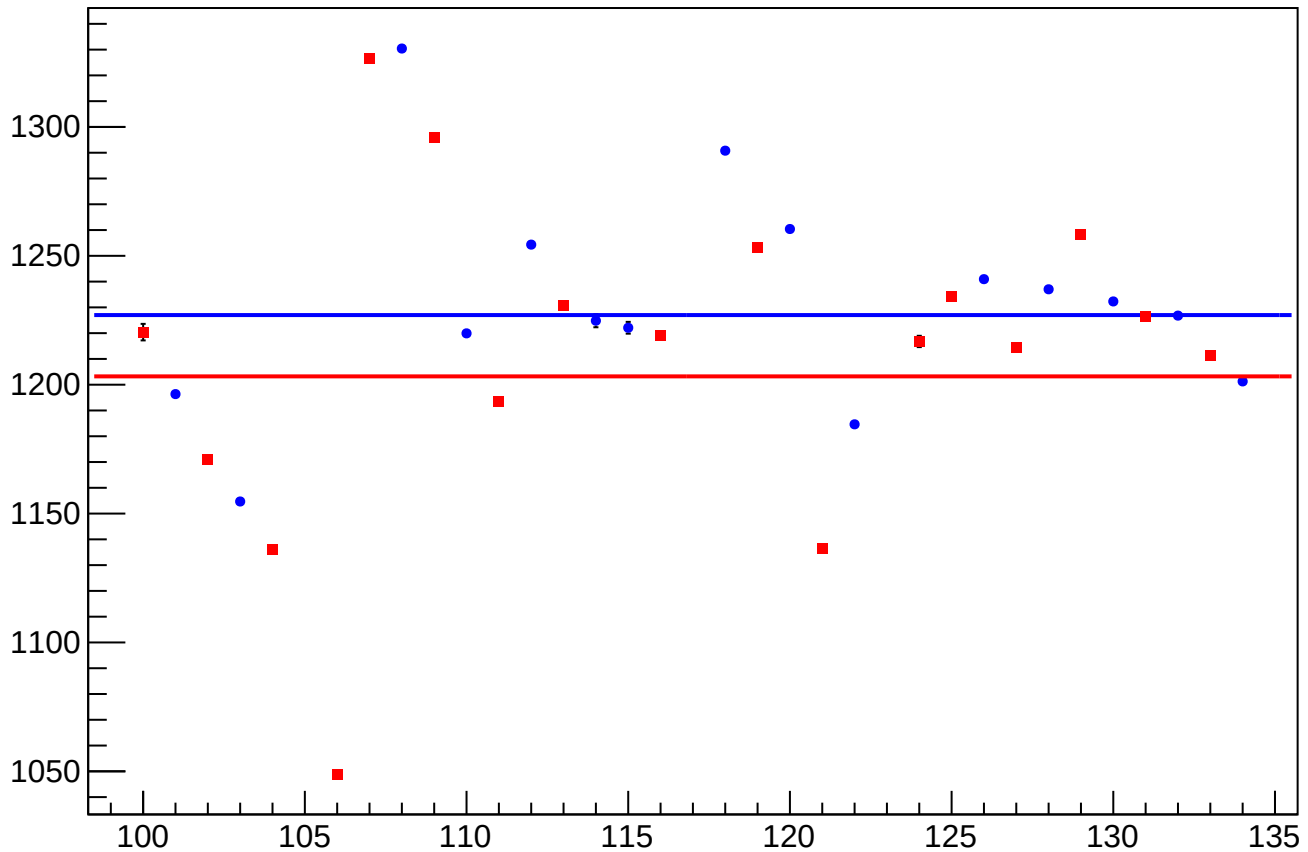
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.126 ± 0.335 χ^2/NDF : 186.6/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0l06Y_rms vs Slug



Right In: 1227.015 $\pm$ 0.344 χ^2 /NDF: 15617.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1203.229 $\pm$ 0.327 χ^2 /NDF: 36577.0/16

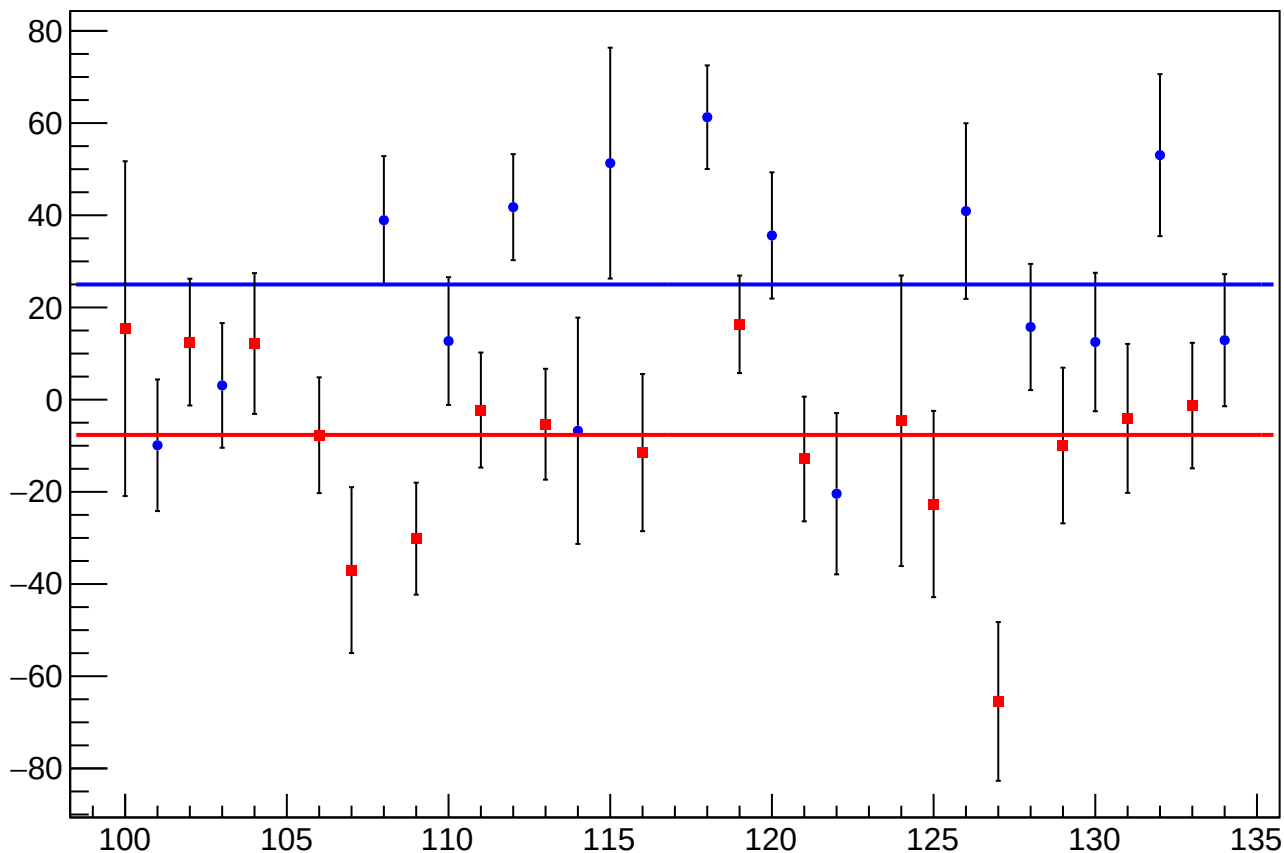
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1214.493 $\pm$ 0.237 χ^2 /NDF: 54706.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l07X_mean vs Slug



Right In: 24.991+/-3.816 χ^2/NDF : 38.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.642+/-3.597 χ^2/NDF : 28.0/16

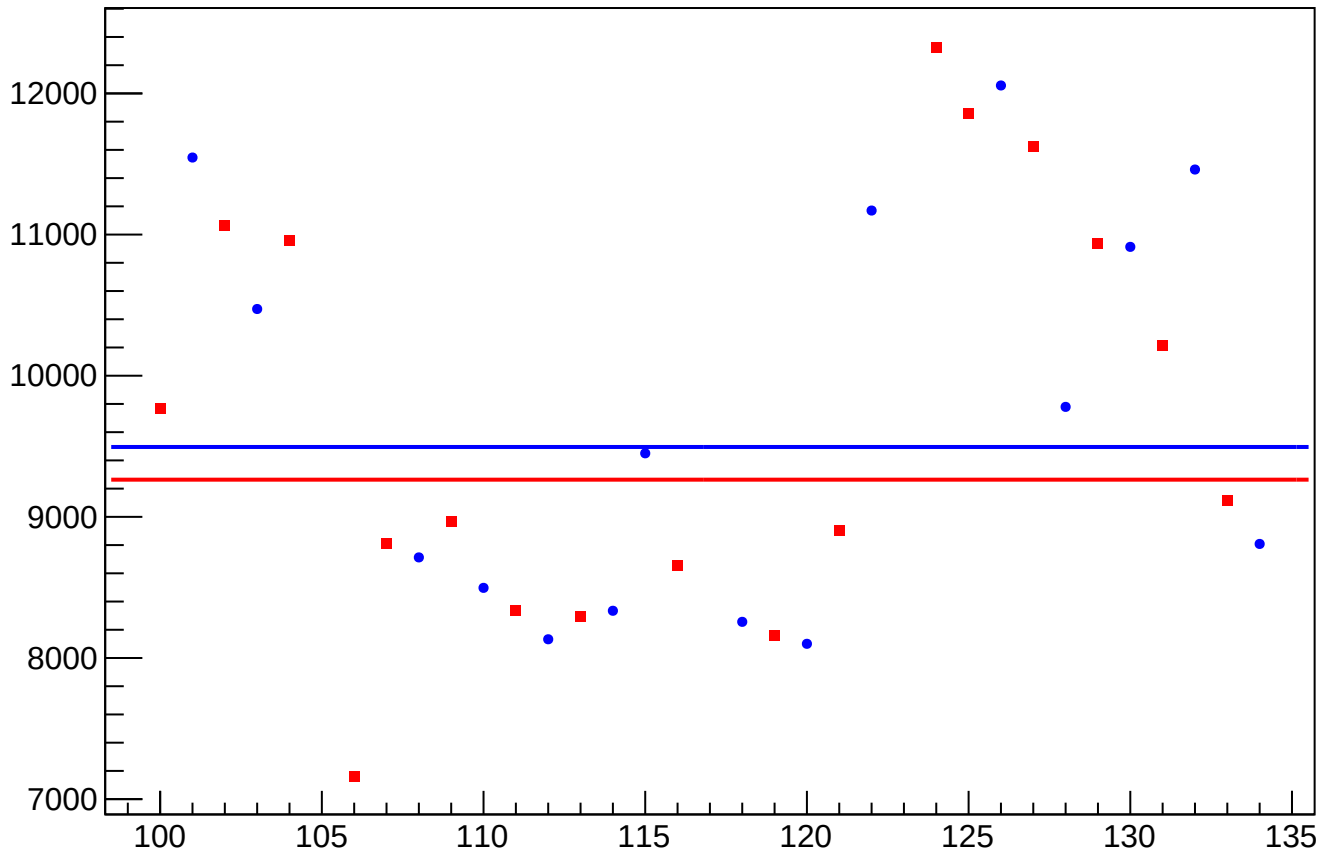
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.714+/-2.617 χ^2/NDF : 104.9/31

- sign 0.000+/-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

Right Out: 9263.502+/-2.544 χ^2/NDF : 283890.3/16

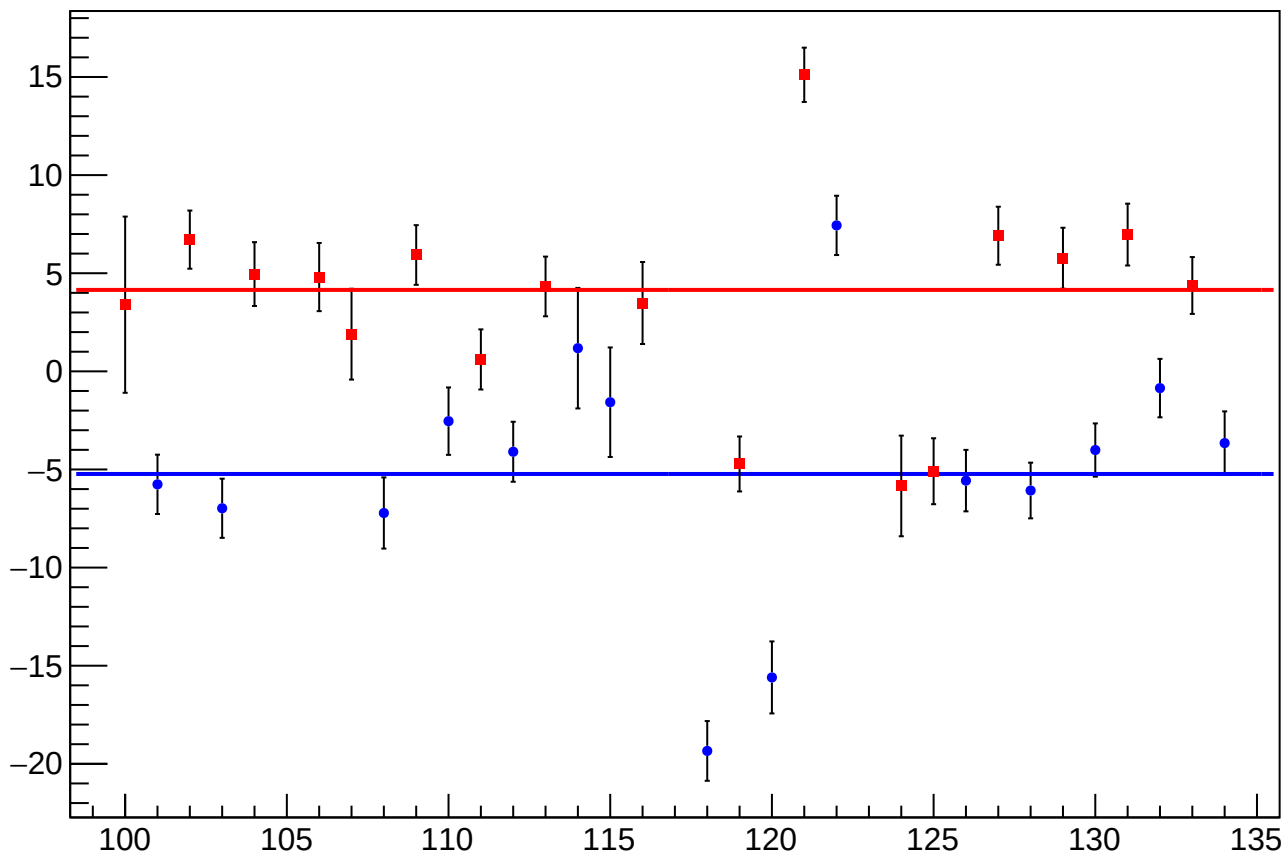
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9372.498+/-1.851 χ^2/NDF : 536513.3/31

- sign 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: 4.150+/-0.401 χ^2/NDF : 167.4/16

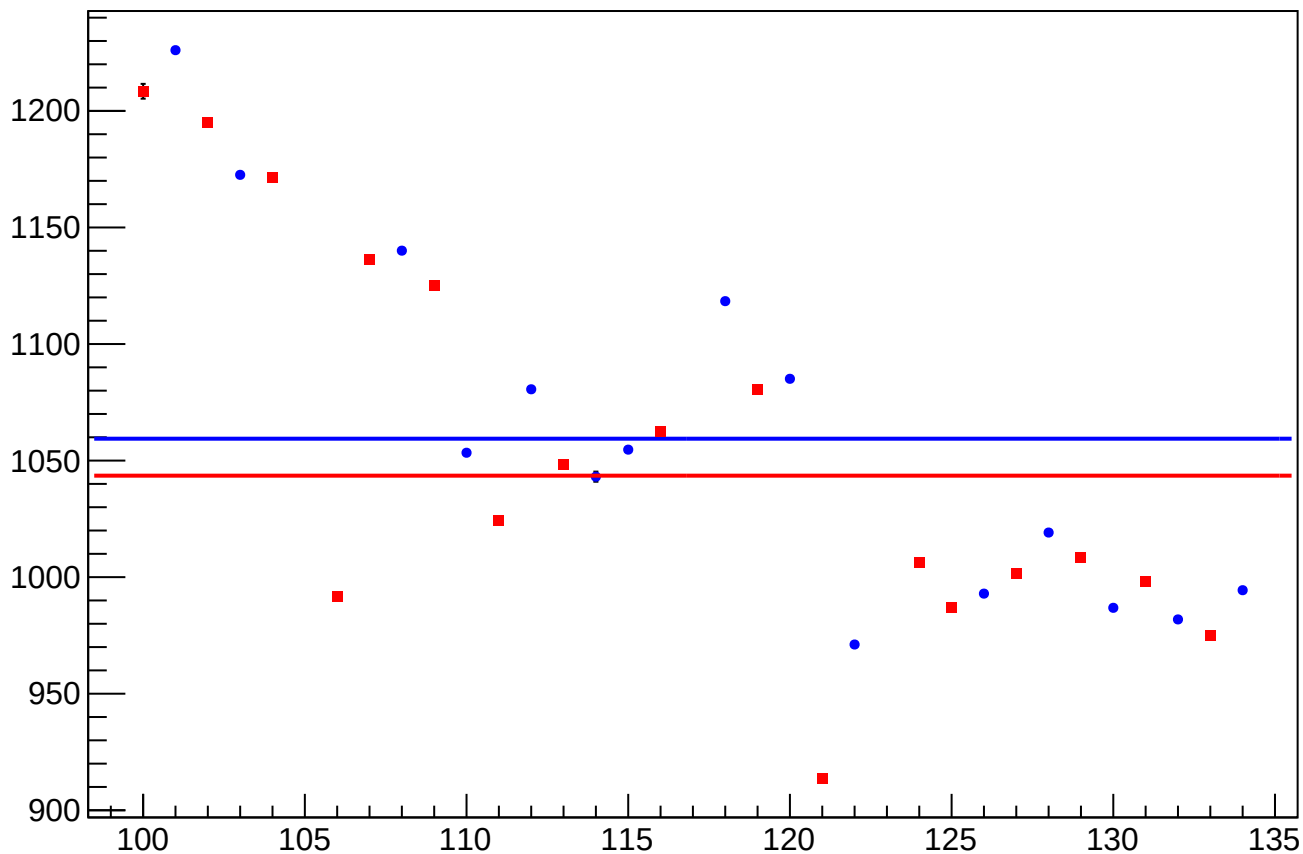
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.310+/-0.291 χ^2/NDF : 637.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l07Y_rms vs Slug



Right In: 1059.391+/-0.298 χ^2/NDF : 69824.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1043.534+/-0.284 χ^2/NDF : 77745.9/16

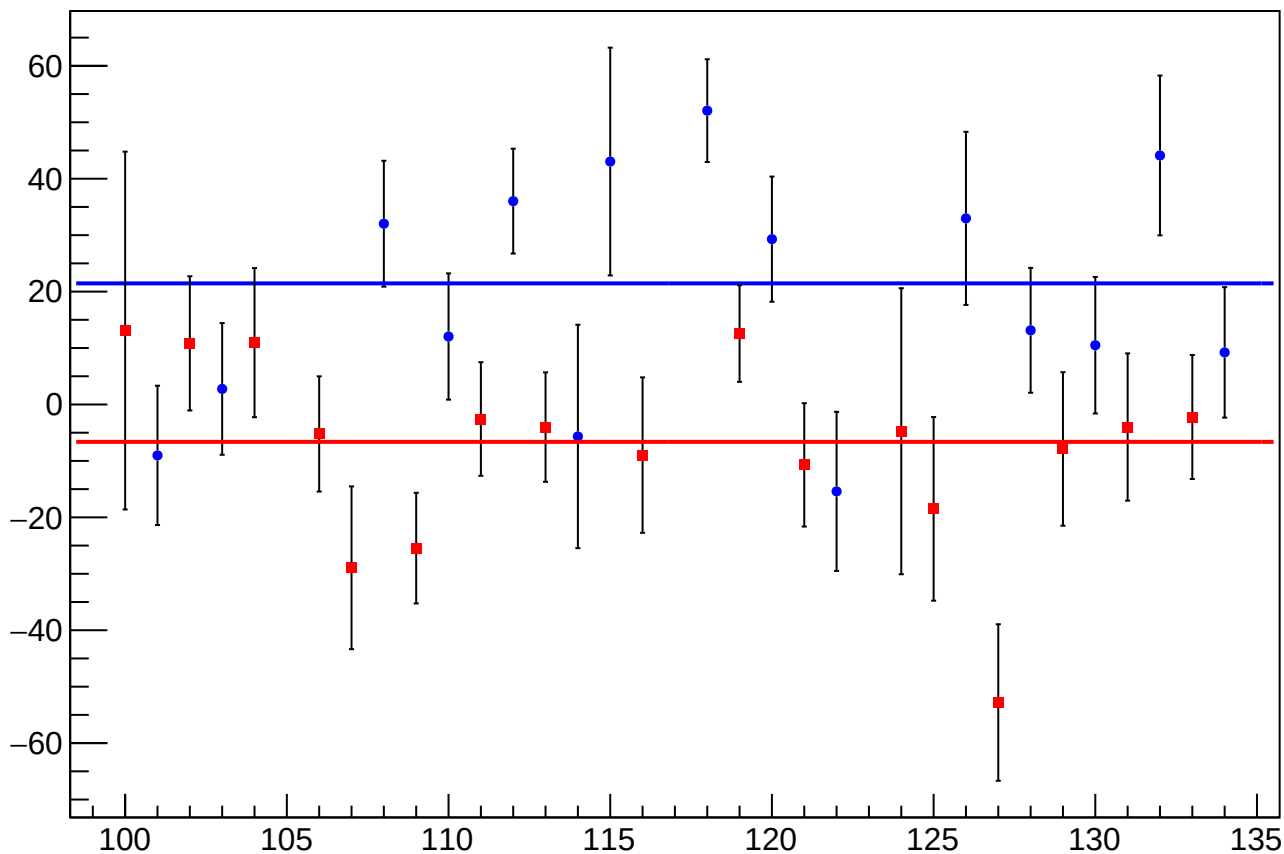
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1051.074+/-0.205 χ^2/NDF : 149055.6/31

- sign 0.000+/-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: -6.622 $\pm$ 2.930 χ^2/NDF : 27.7/16

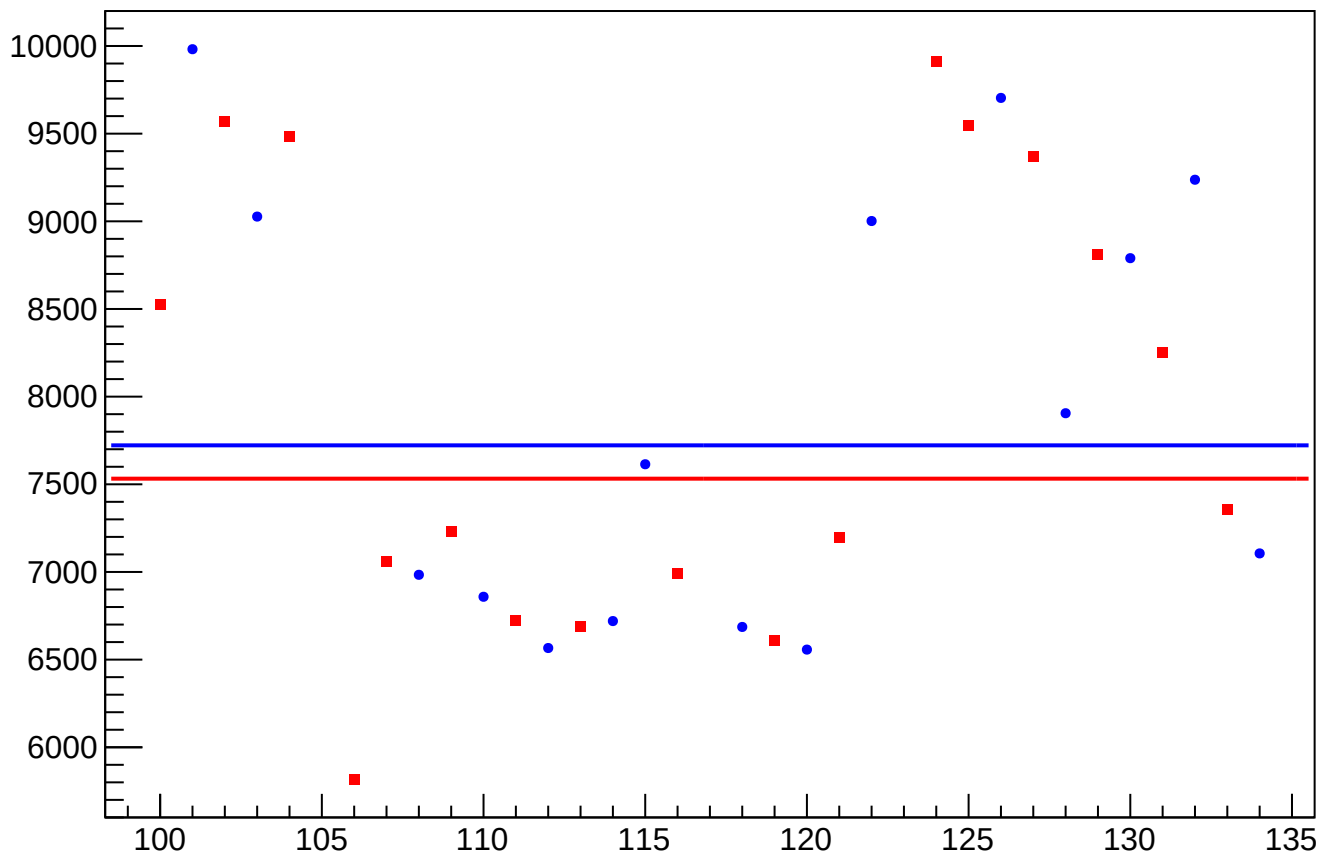
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 6.587 $\pm$ 2.132 χ^2/NDF : 110.9/31

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_bpm0l08X_rms vs Slug



Right In: 7722.164+/-2.198 χ^2/NDF : 291435.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

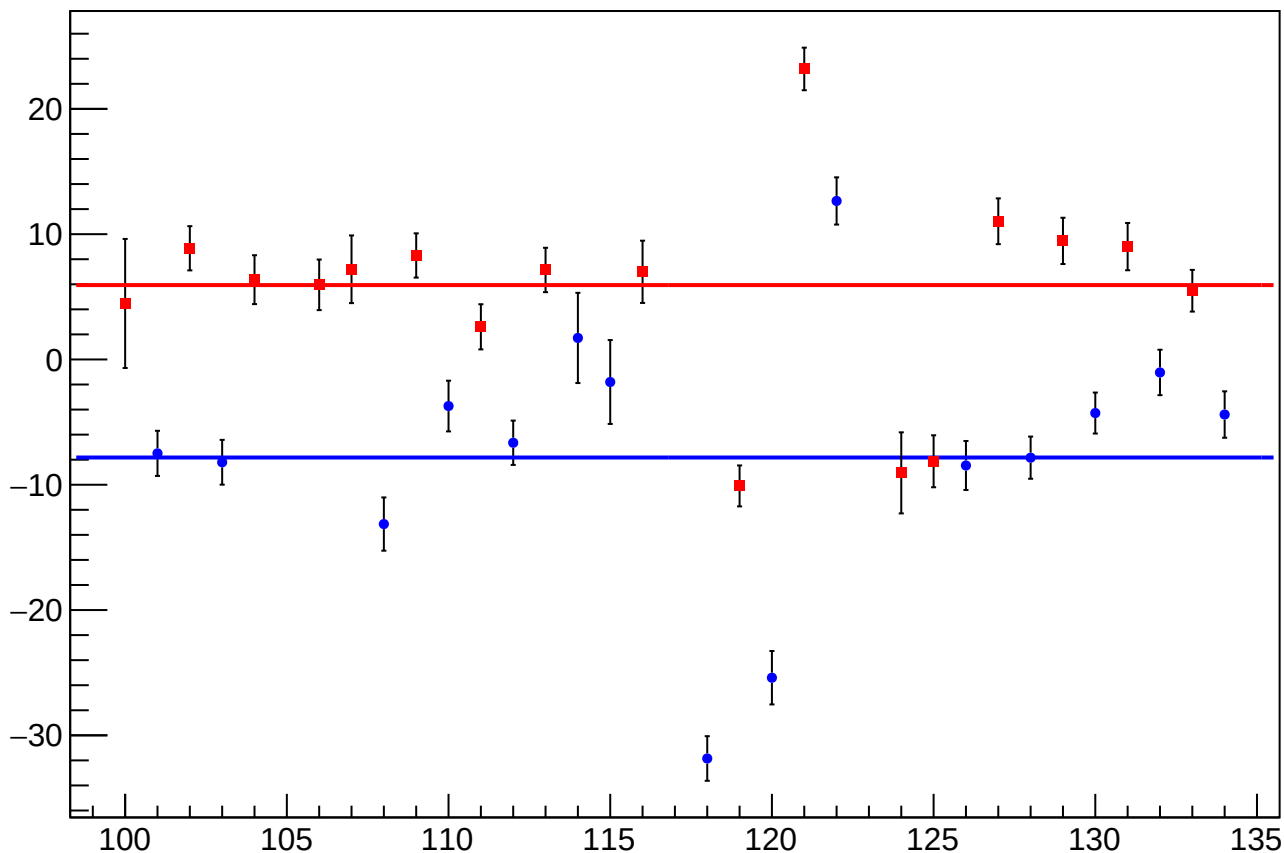
Right Out: 7532.093+/-2.072 χ^2/NDF : 328744.7/16

All: 7621.506+/-1.508 χ^2/NDF : 624140.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 5.937+/-0.477 χ^2 /NDF: 289.9/16

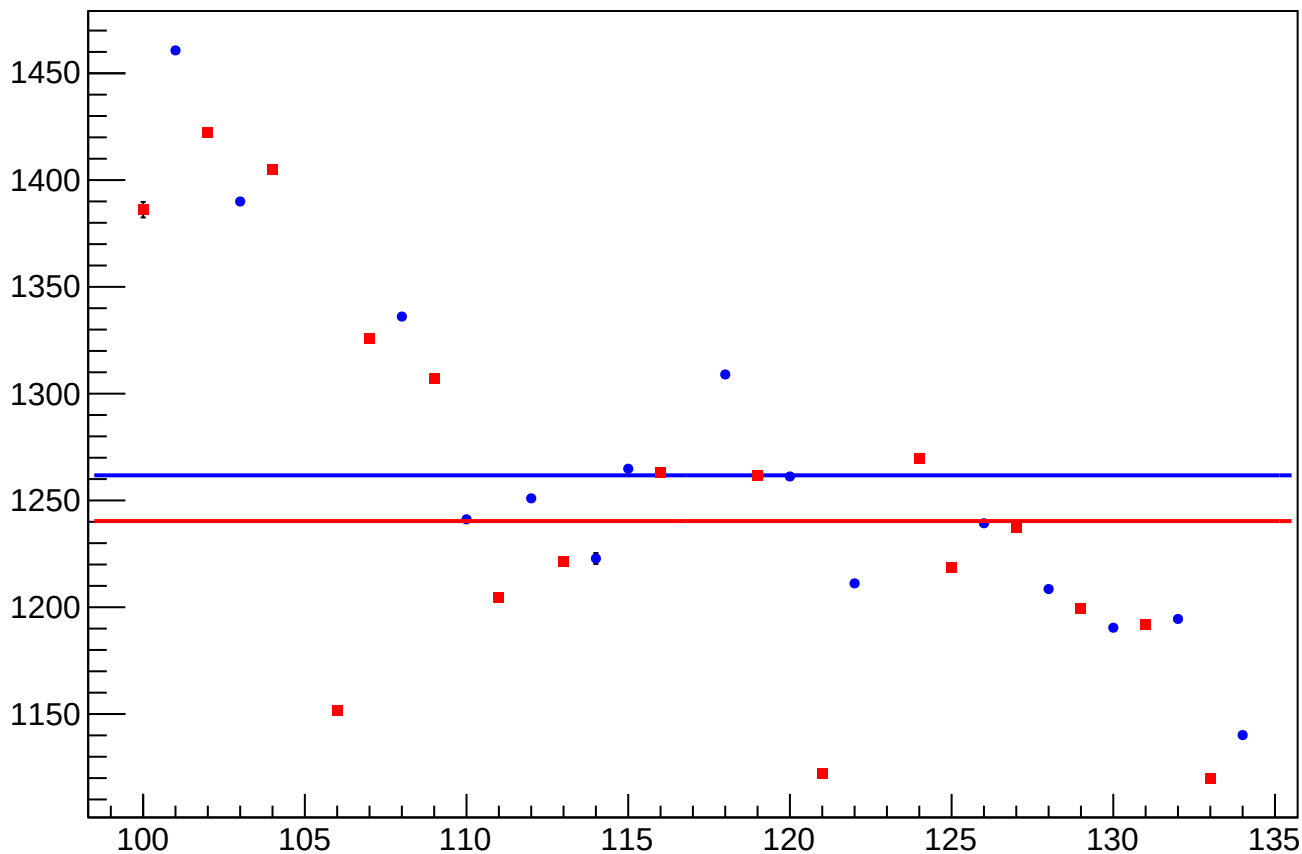
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.596+/-0.346 χ^2 /NDF: 1096.6/31

- 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: 1240.337 $\pm$ 0.337 χ^2 /NDF: 70205.5/16

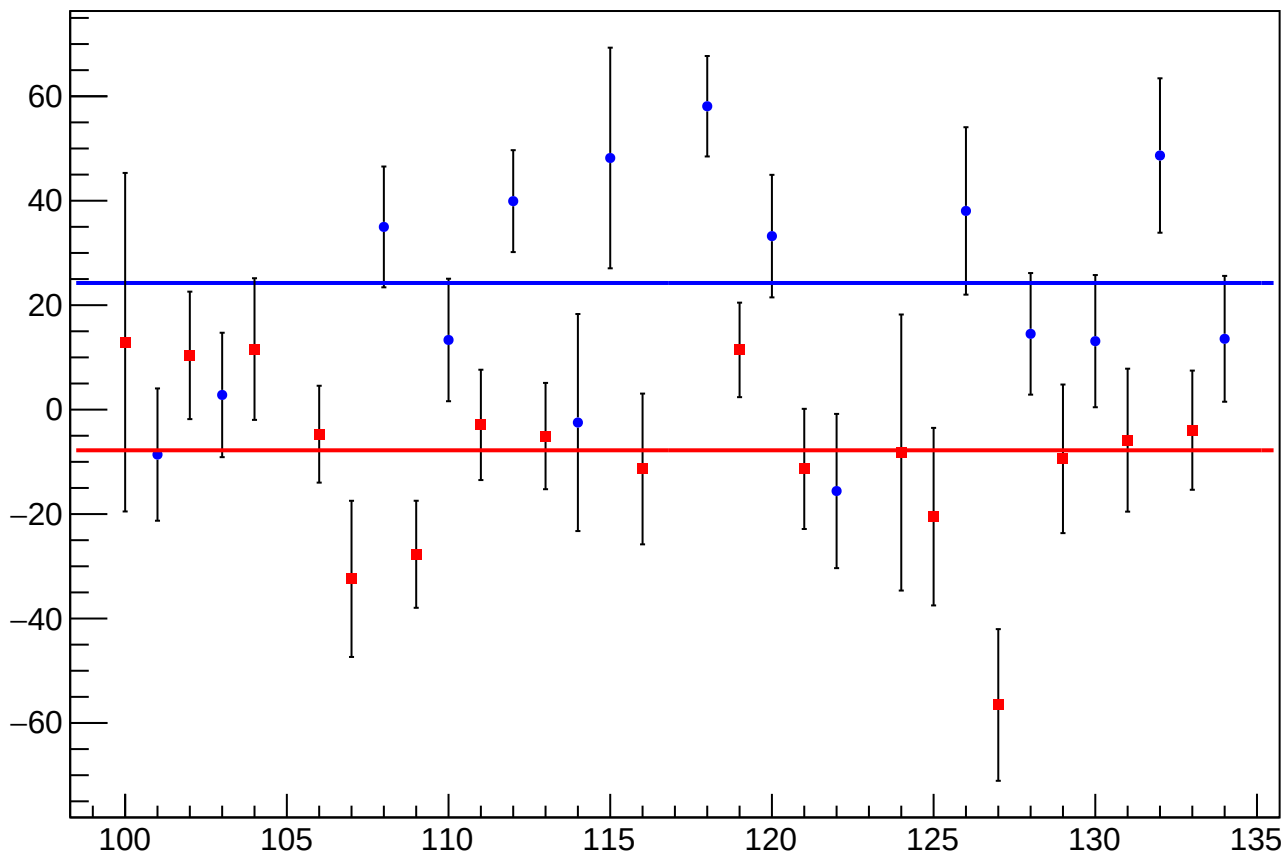
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1250.504 $\pm$ 0.244 χ^2 /NDF: 130060.1/31

- 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: -7.789+/-3.022 χ^2 /NDF: 28.2/16

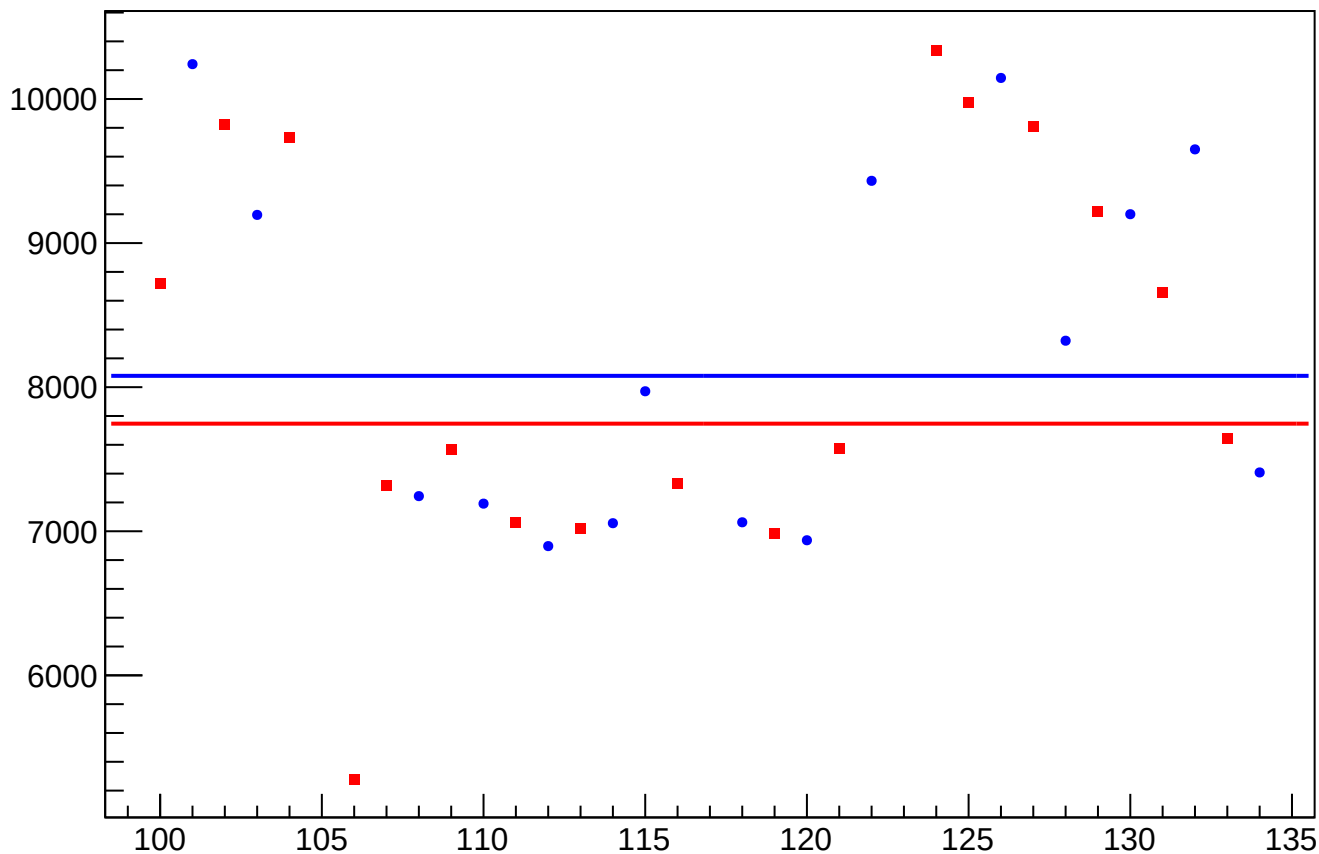
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 7.071+/-2.213 χ^2 /NDF: 123.5/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm0l09X_rms vs Slug



Right In: 8078.631+/-2.297 χ^2/NDF : 268759.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

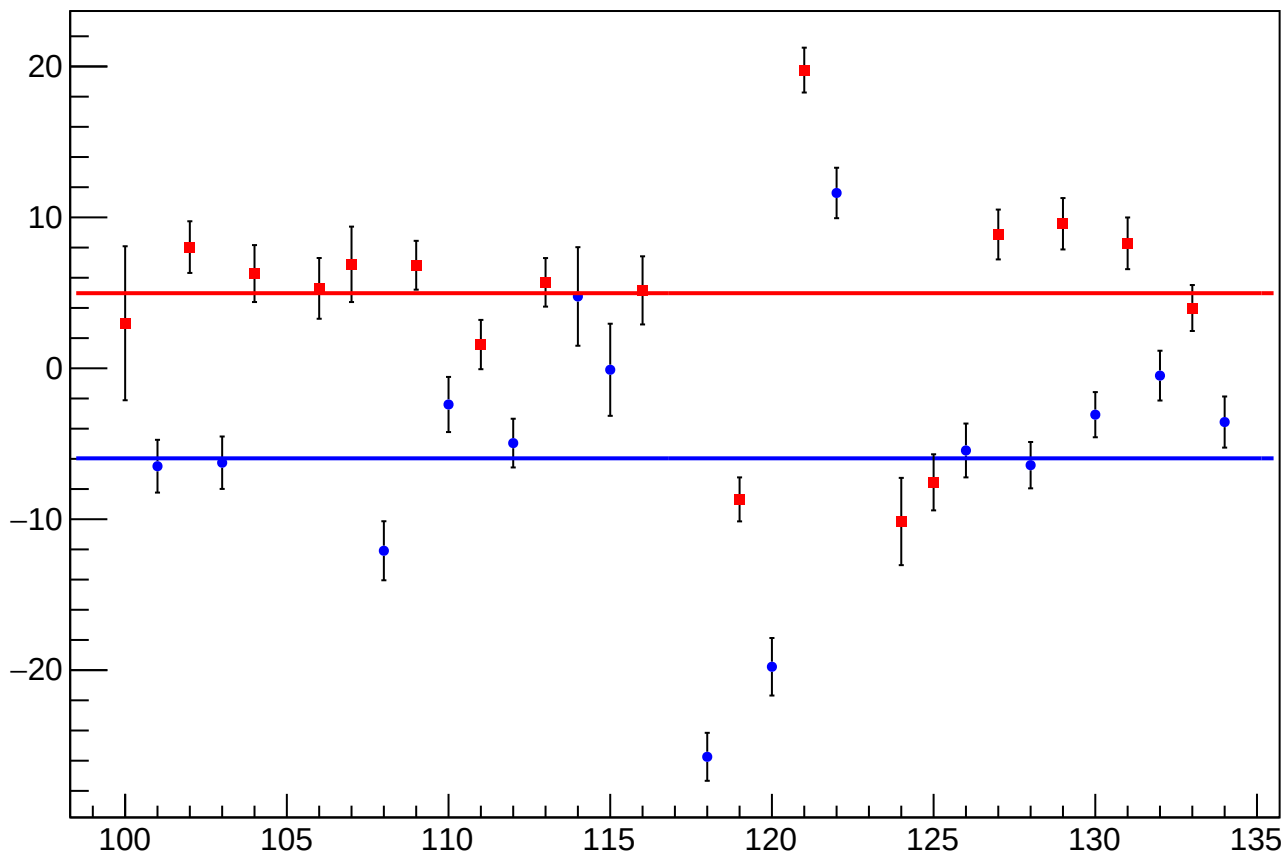
Right Out: 7746.767+/-2.137 χ^2/NDF : 406552.3/16

All: 7900.692+/-1.565 χ^2/NDF : 686499.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 4.977 ± 0.438 χ^2/NDF : 287.0/16

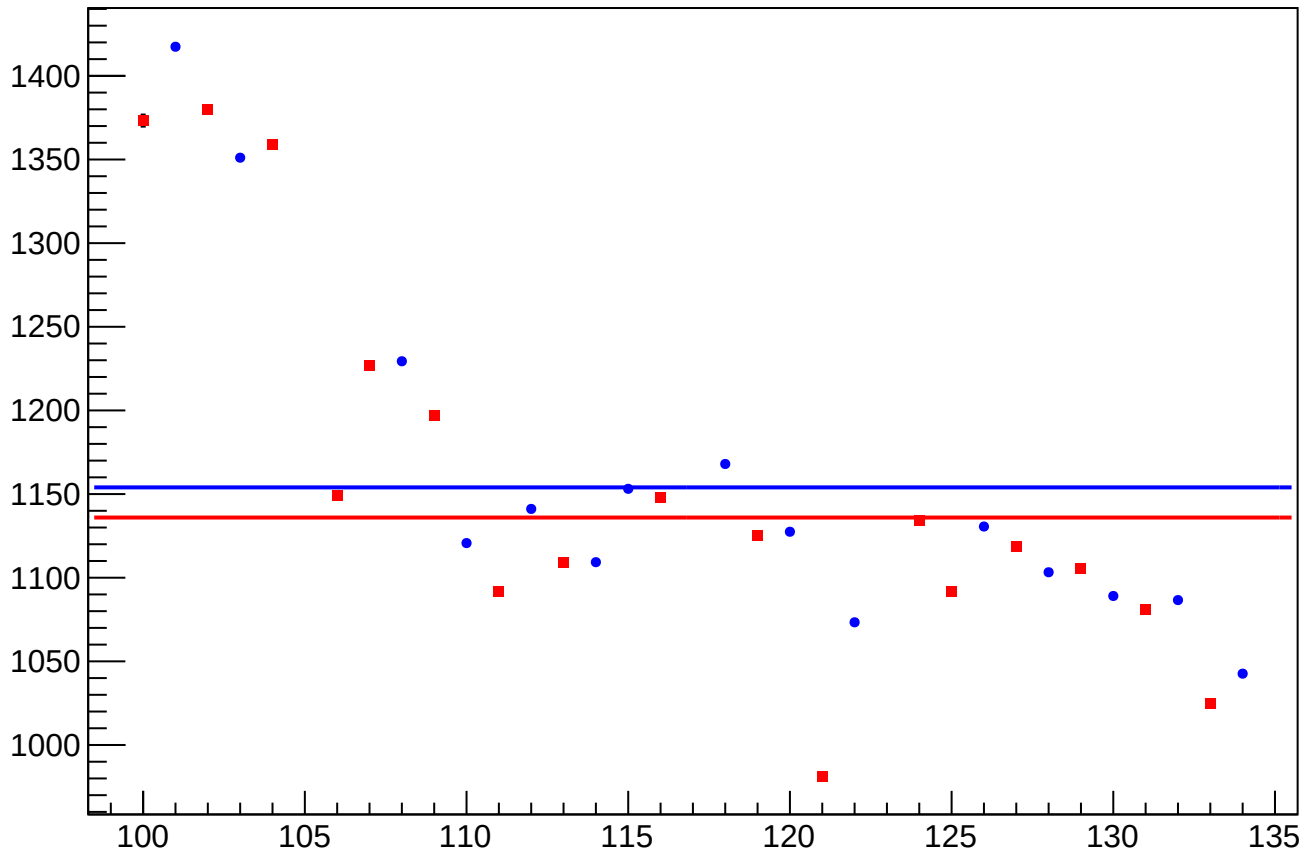
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.225 ± 0.317 χ^2/NDF : 948.0/31

- 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

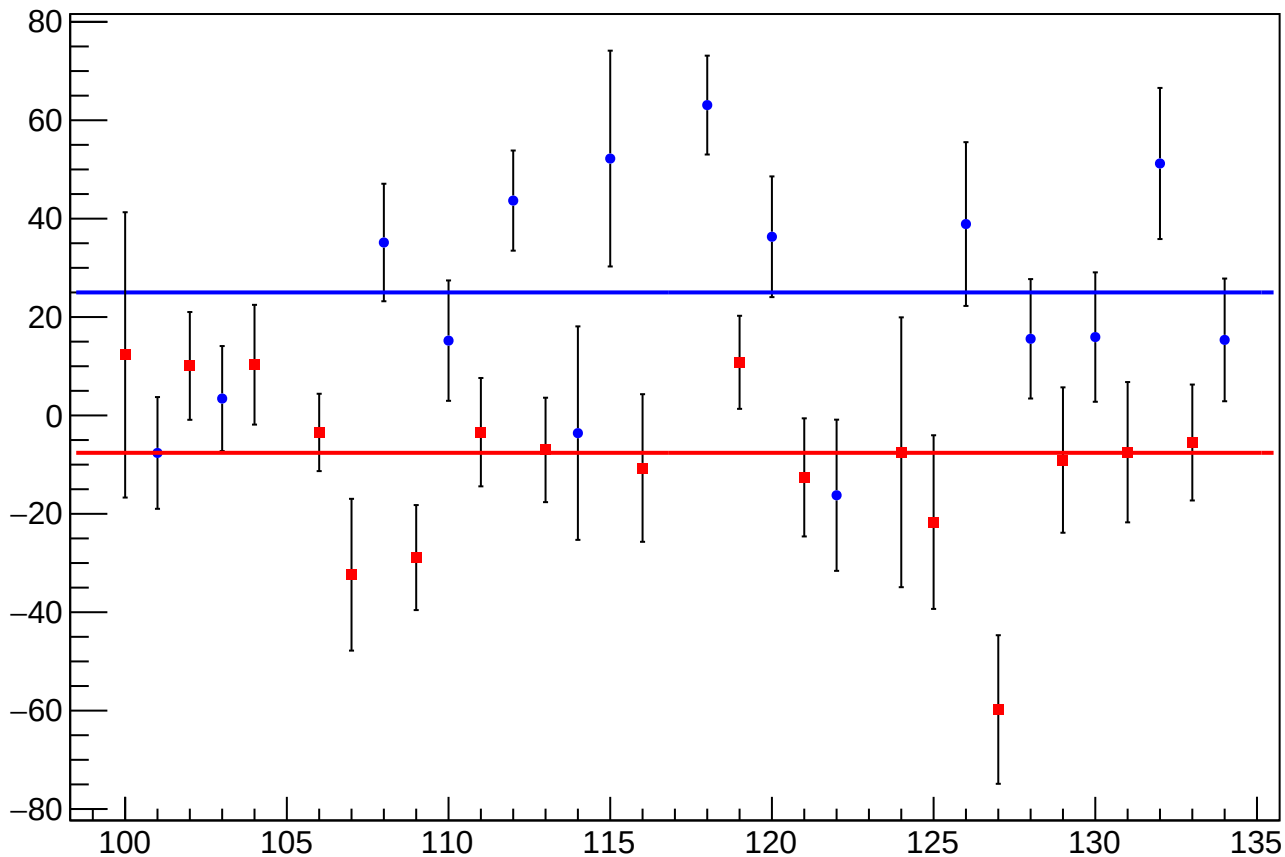
Right Out: 1135.969 $\pm$ 0.309 χ^2 /NDF: 116996.3/16

All: 1144.540 $\pm$ 0.224 χ^2 /NDF: 217374.0/31

- 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

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: -7.599 $\pm$ 3.005 χ^2 /NDF: 28.8/16

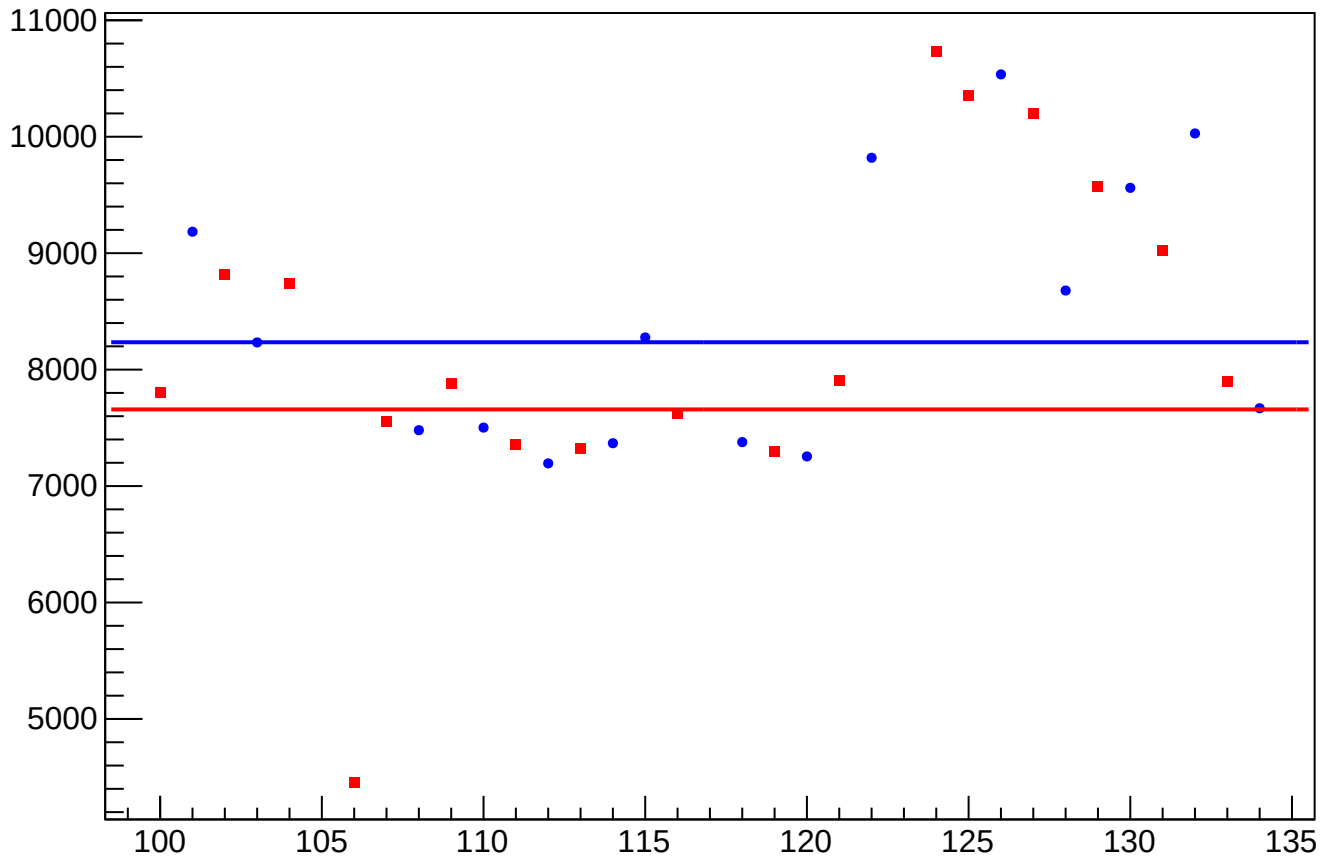
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.171 $\pm$ 2.222 χ^2 /NDF: 130.2/31

- 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

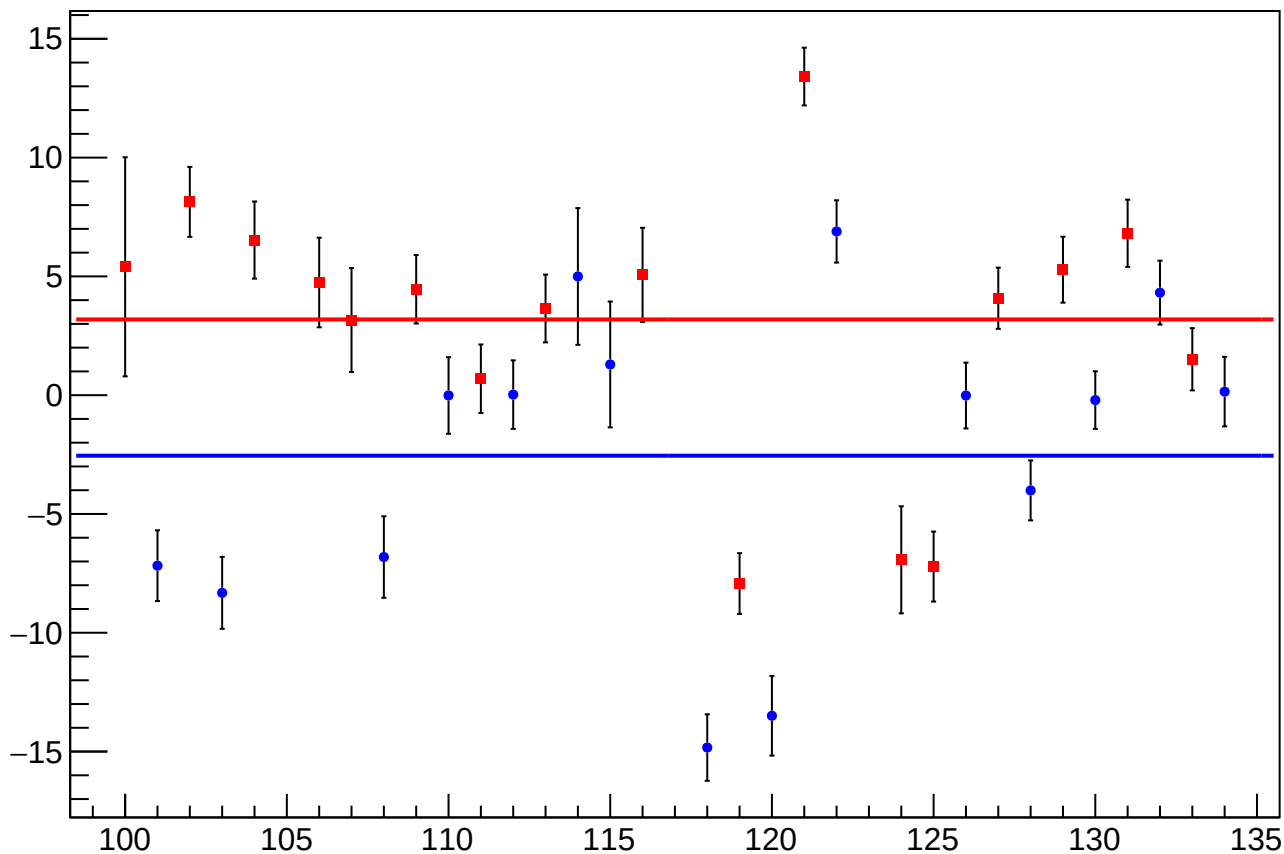
Right Out: 7658.204+/-2.125 χ^2/NDF : 559493.7/16

All: 7919.510+/-1.571 χ^2/NDF : 787319.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 3.188 $\pm$ 0.372 χ^2 /NDF: 248.6/16

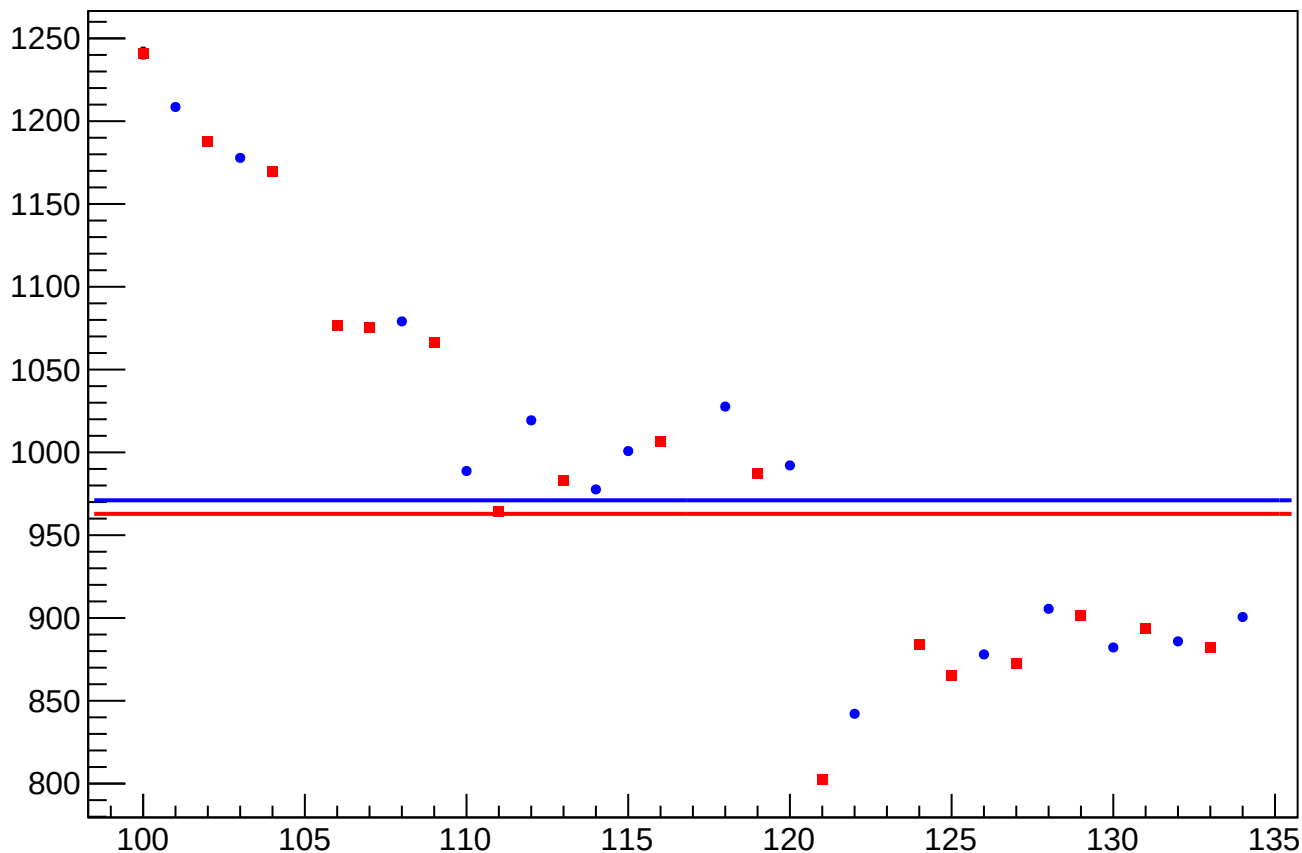
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.441 $\pm$ 0.268 χ^2 /NDF: 617.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l10Y_rms vs Slug



Right In: 971.059 $\pm$ 0.274 χ^2 /NDF: 159552.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 962.882 $\pm$ 0.263 χ^2 /NDF: 183333.7/16

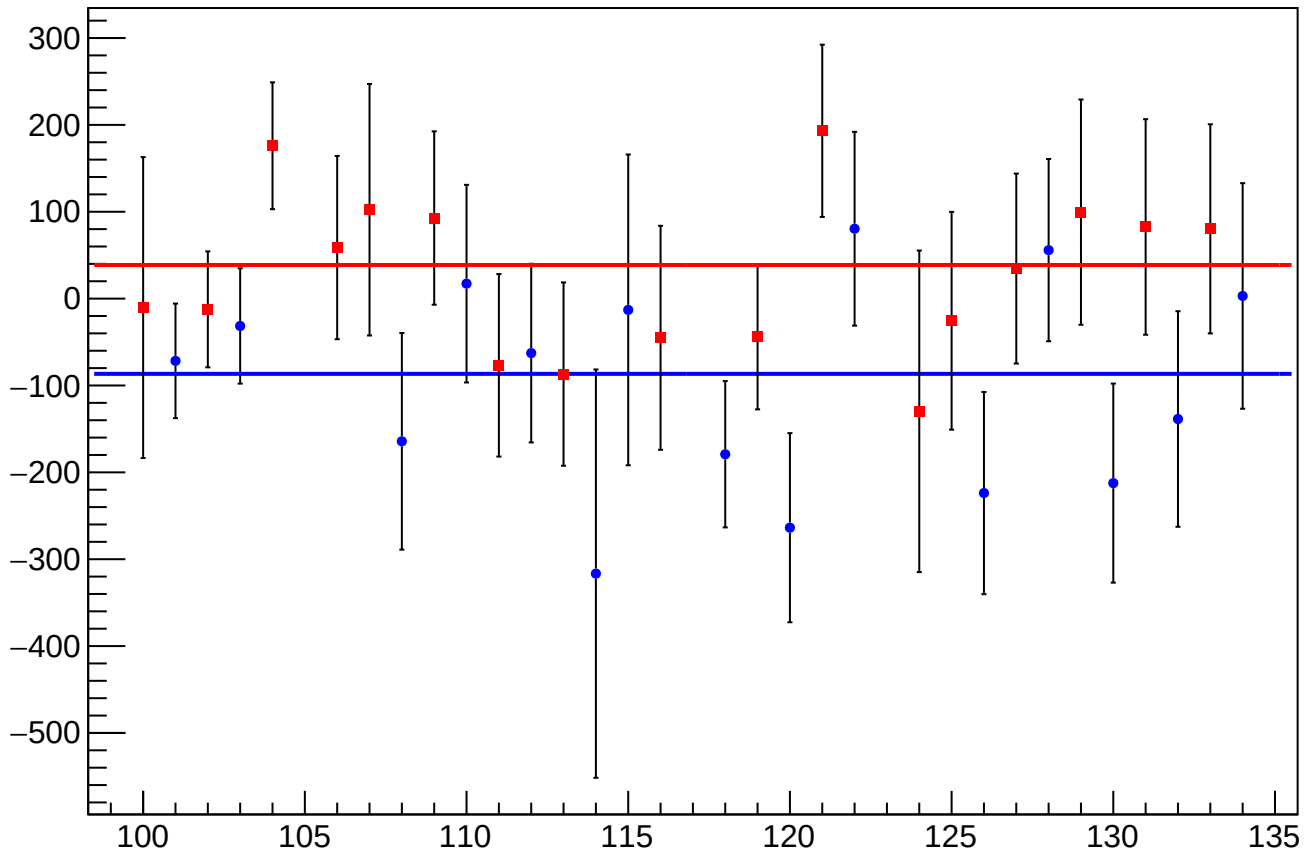
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 966.799 $\pm$ 0.190 χ^2 /NDF: 343349.3/31

- sign 0.000 $\pm$ 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: 38.720 $\pm$ 25.492 χ^2 /NDF: 12.7/16

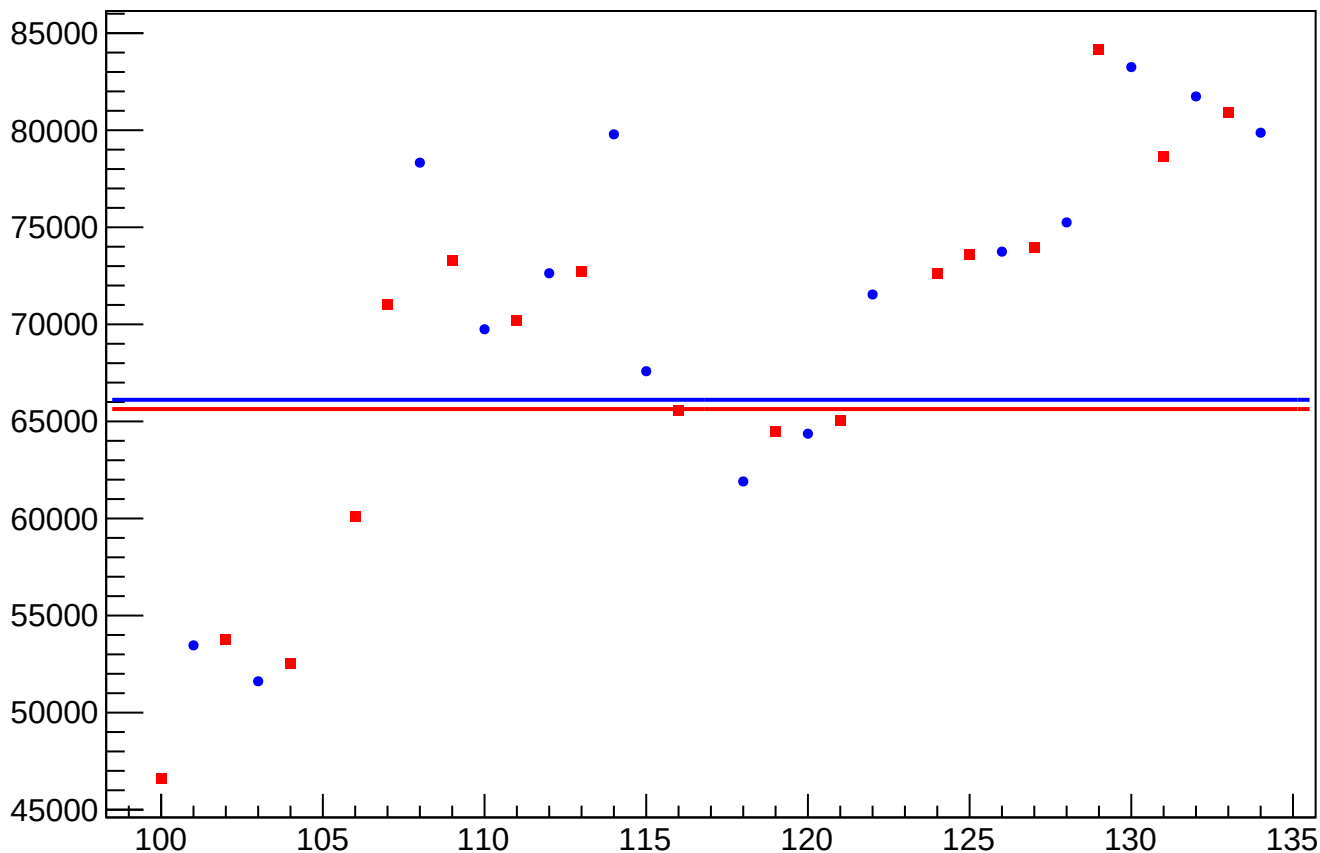
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -21.280 $\pm$ 18.405 χ^2 /NDF: 38.6/31

- 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

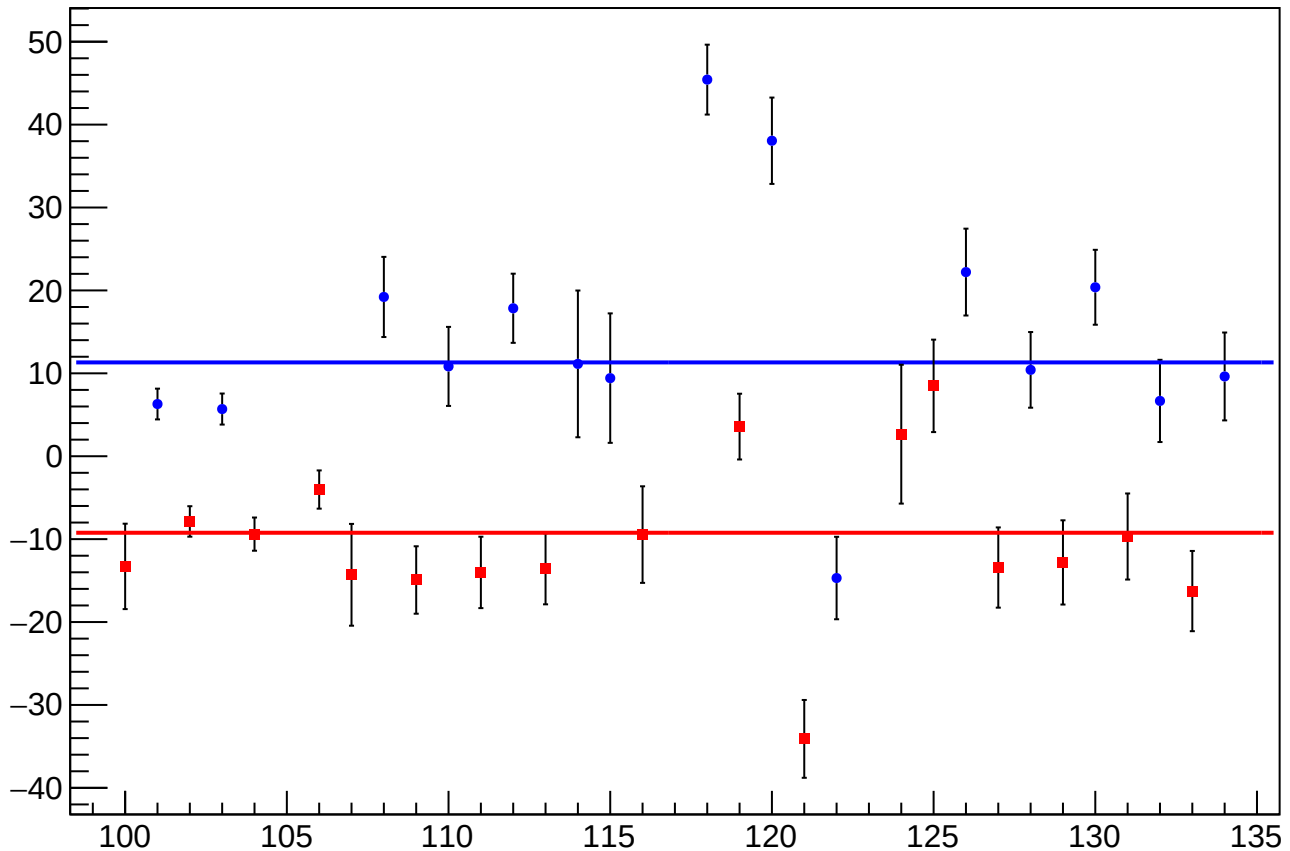
All: 65865.402+/-13.014 χ^2/NDF : 641142.5/3

Right Out: 65636.755+/-18.026 χ^2/NDF : 302666.5/16

- 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: -9.230+/-0.873 χ^2/NDF : 65.2/16

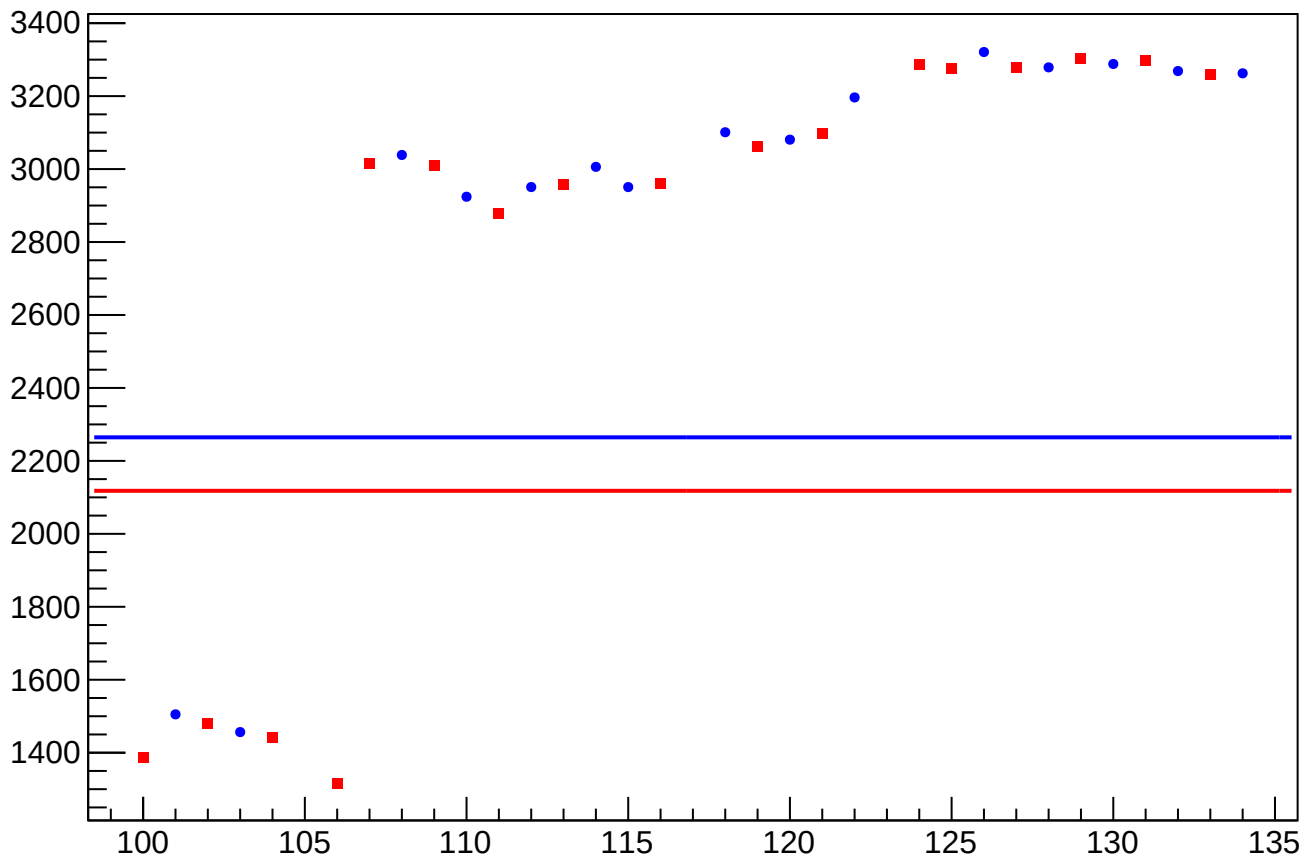
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.100+/-0.645 χ^2/NDF : 466.9/31

- 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

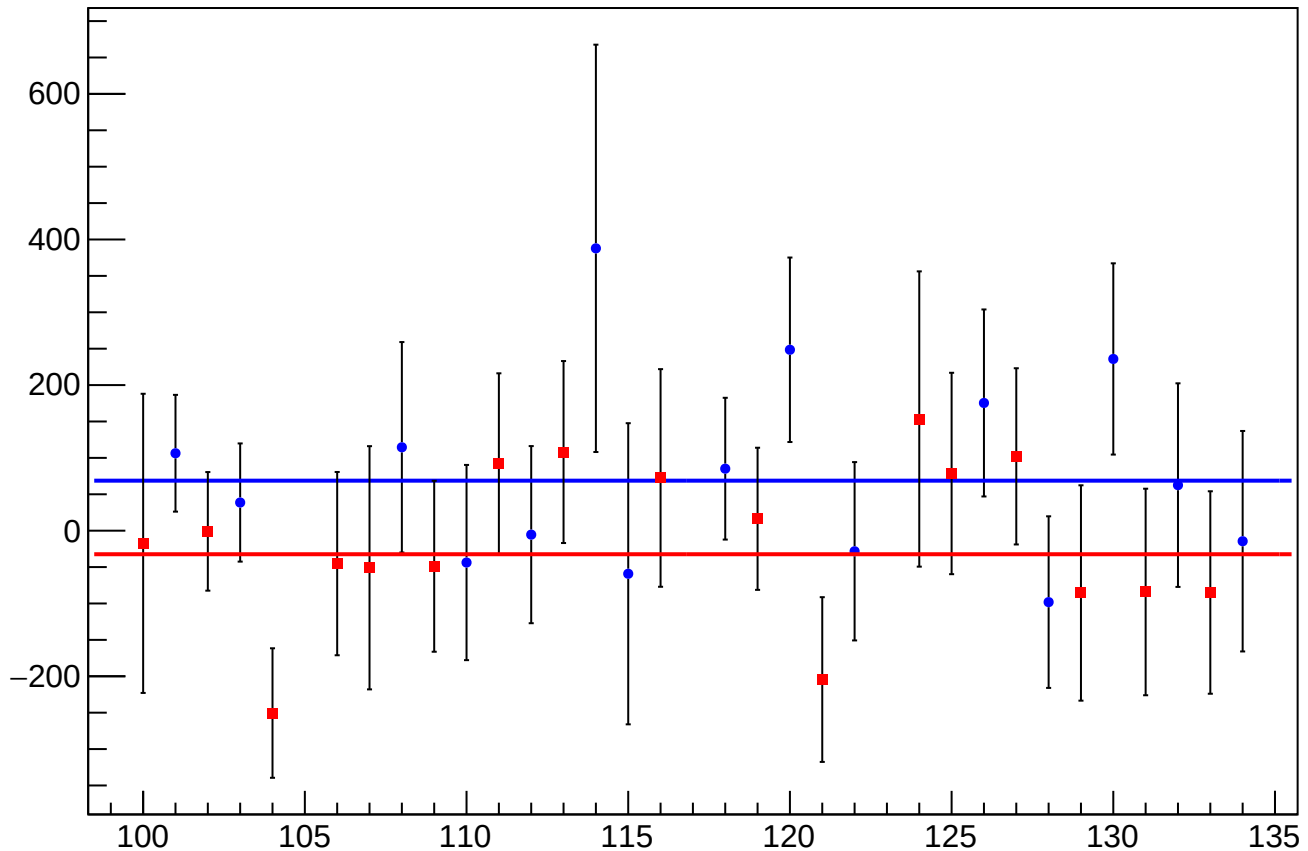
Right Out: 2117.980+/-0.617 χ^2/NDF : 1834133.9/16

All: 2184.564+/-0.456 χ^2/NDF : 3373892.2/33

- 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 $\pm$ 31.097 χ^2 /NDF: 10.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -32.356 $\pm$ 29.870 χ^2 /NDF: 14.7/16

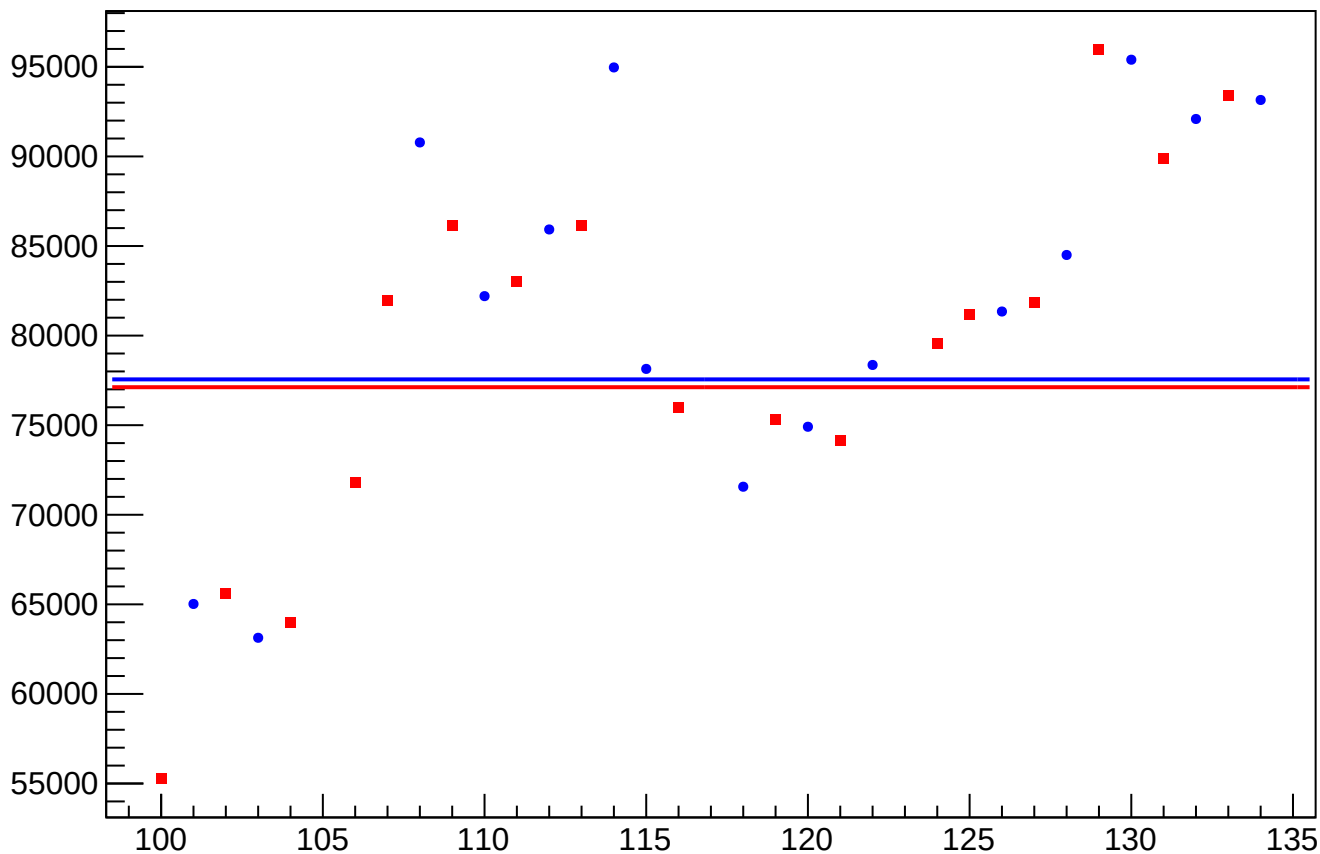
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.137 $\pm$ 21.542 χ^2 /NDF: 30.6/31

- sign 0.000 $\pm$ 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

Right Out: 77119.520+/-21.121 χ^2/NDF : 221135.6/16

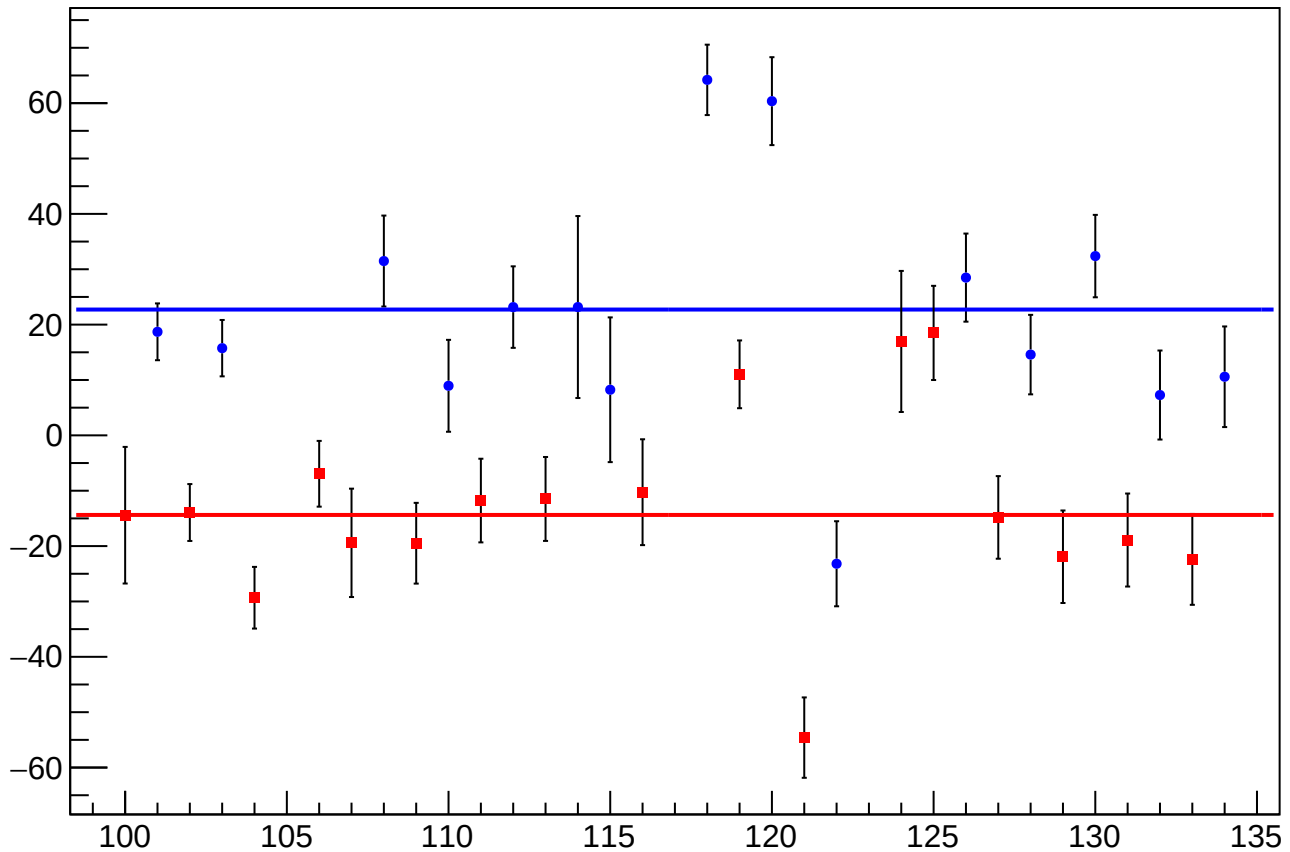
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77328.953+/-15.233 χ^2/NDF : 466608.3/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0r05Y_mean vs Slug



Right In: 22.722+/-1.916 χ^2 /NDF: 117.4/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -14.376+/-1.804 χ^2 /NDF: 81.0/16

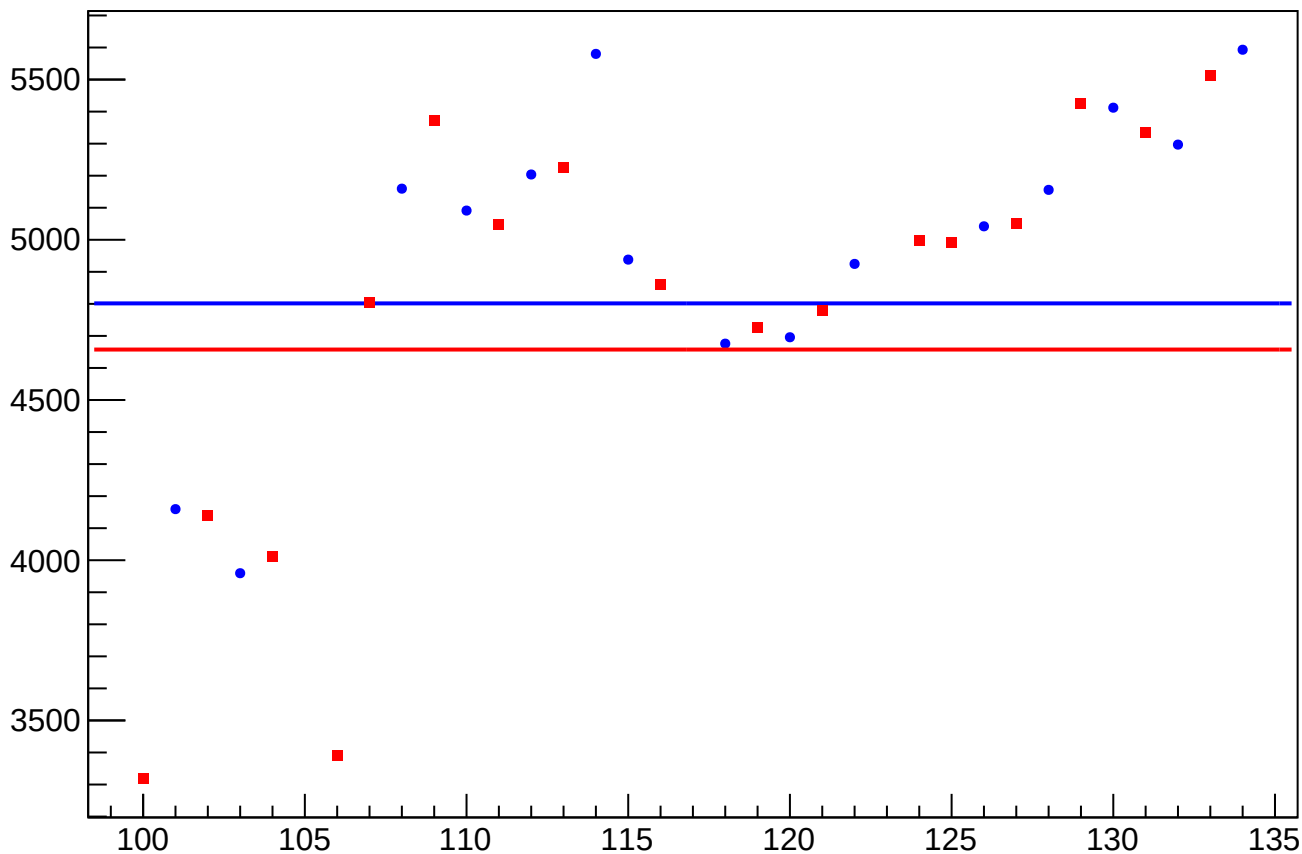
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 3.059+/-1.314 χ^2 /NDF: 397.0/31

- sign 0.000+/-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

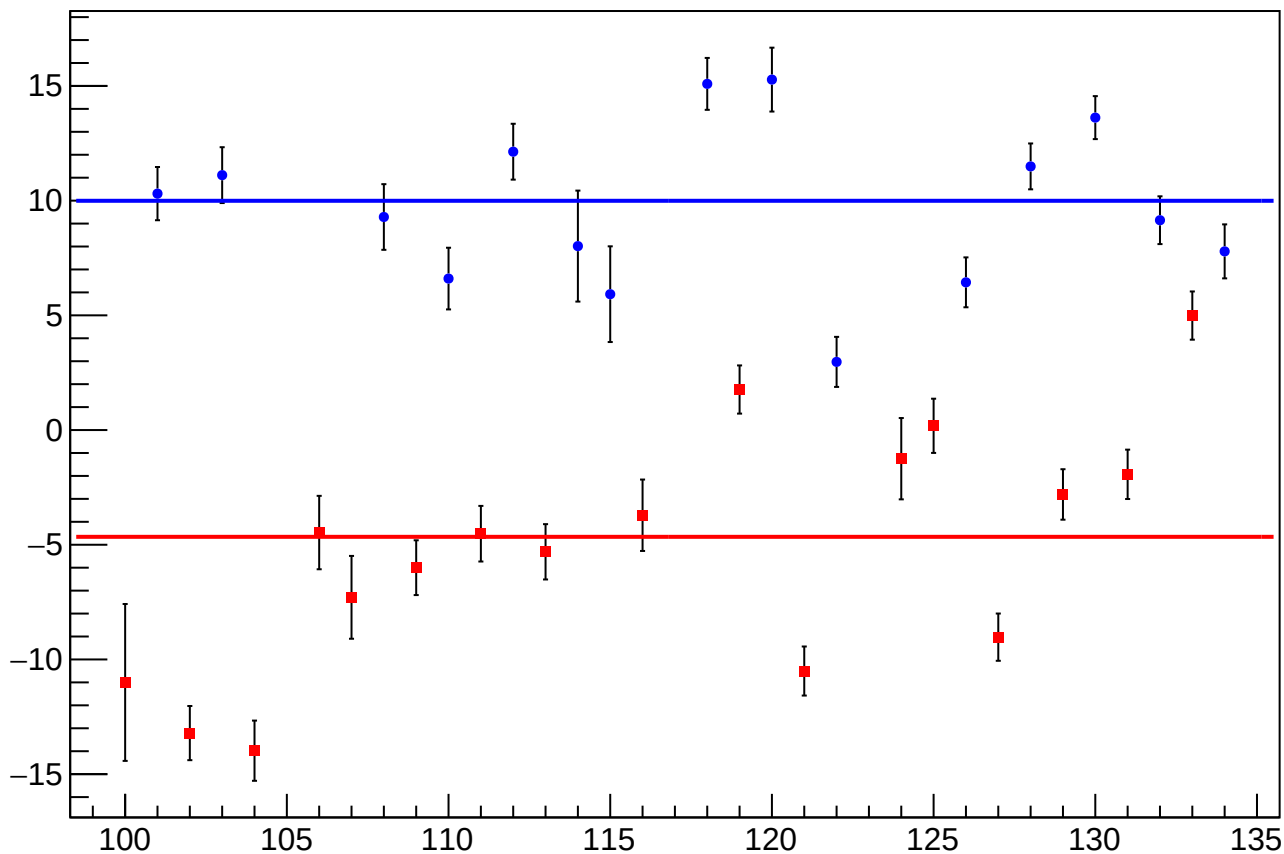
Right Out: 4657.450+/-1.276 χ^2/NDF : 261714.9/16

All: 4725.151+/-0.929 χ^2/NDF : 415228.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm2i01X_mean vs Slug



Right In: 9.993 $\pm$ 0.312 χ^2 /NDF: 123.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4.655 $\pm$ 0.303 χ^2 /NDF: 309.8/16

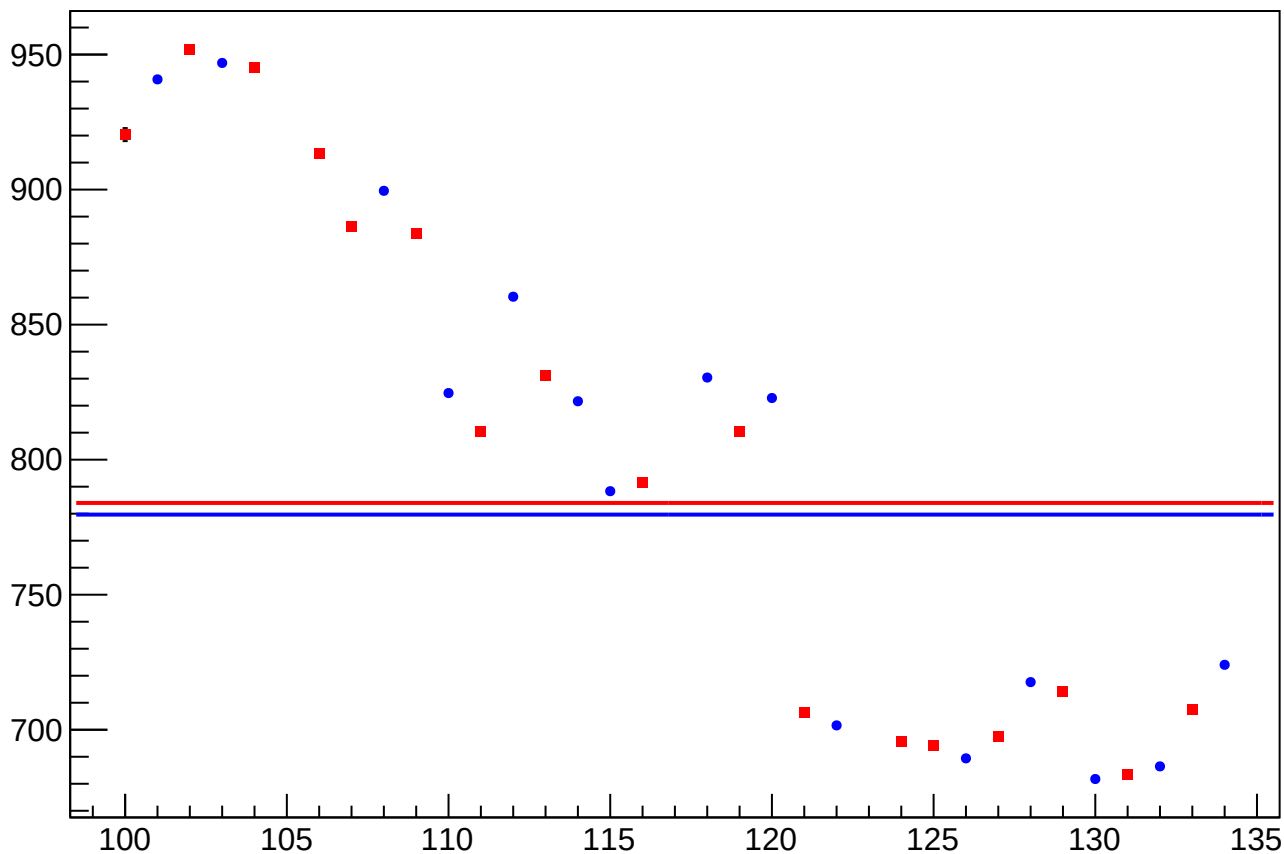
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.457 $\pm$ 0.217 χ^2 /NDF: 1570.4/31

- sign 0.000 $\pm$ 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: 783.978 $\pm$ 0.214 χ^2 /NDF: 189665.8/16

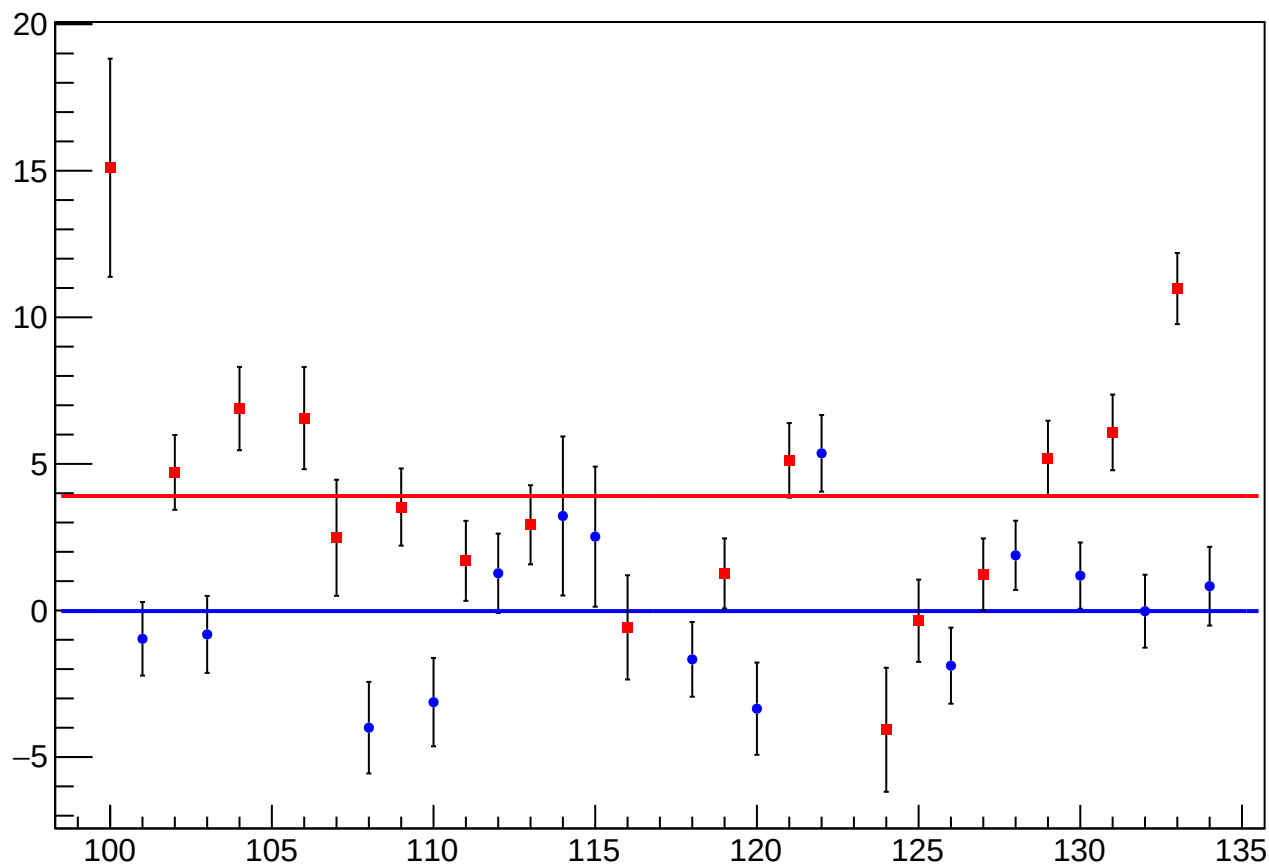
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 781.883 $\pm$ 0.153 χ^2 /NDF: 371914.7/31

- 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: 3.903 ± 0.346 χ^2/NDF : 98.1/16

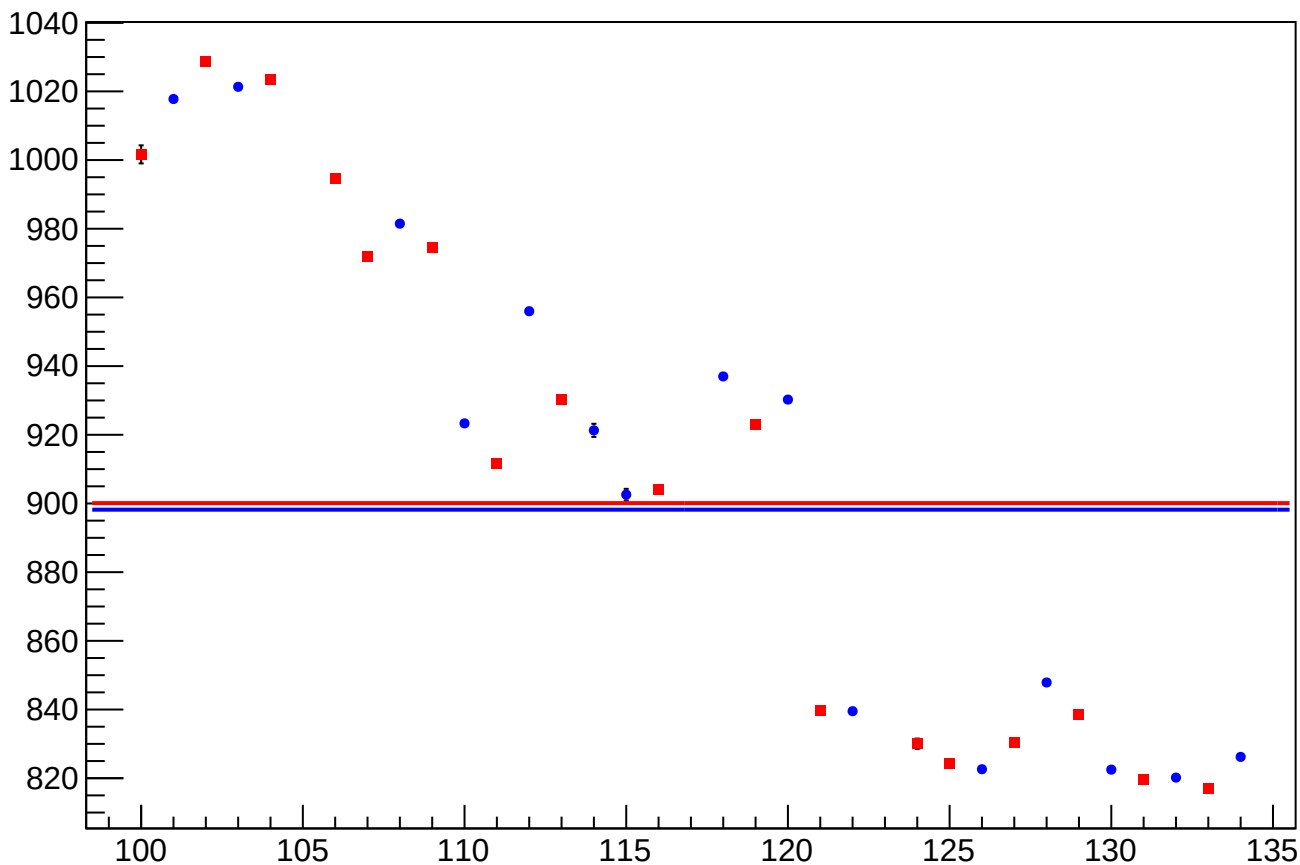
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 2.004 ± 0.249 χ^2/NDF : 204.7/31

- 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: 900.110 $\pm$ 0.245 χ^2 /NDF: 94351.9/16

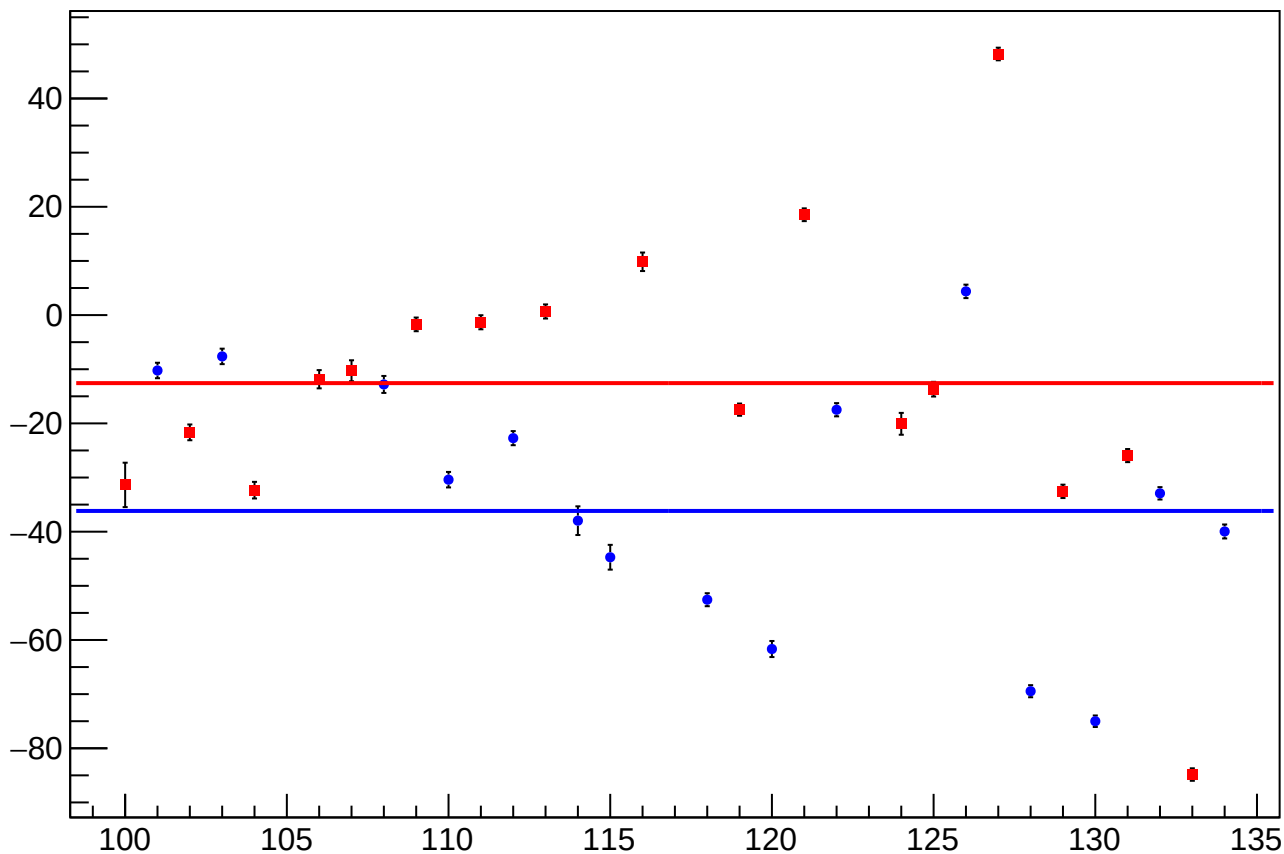
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 899.182 $\pm$ 0.176 χ^2 /NDF: 179898.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm2i02X_mean vs Slug



Right In: -36.169 ± 0.347 χ^2/NDF : 5104.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -12.564 ± 0.336 χ^2/NDF : 8384.9/16

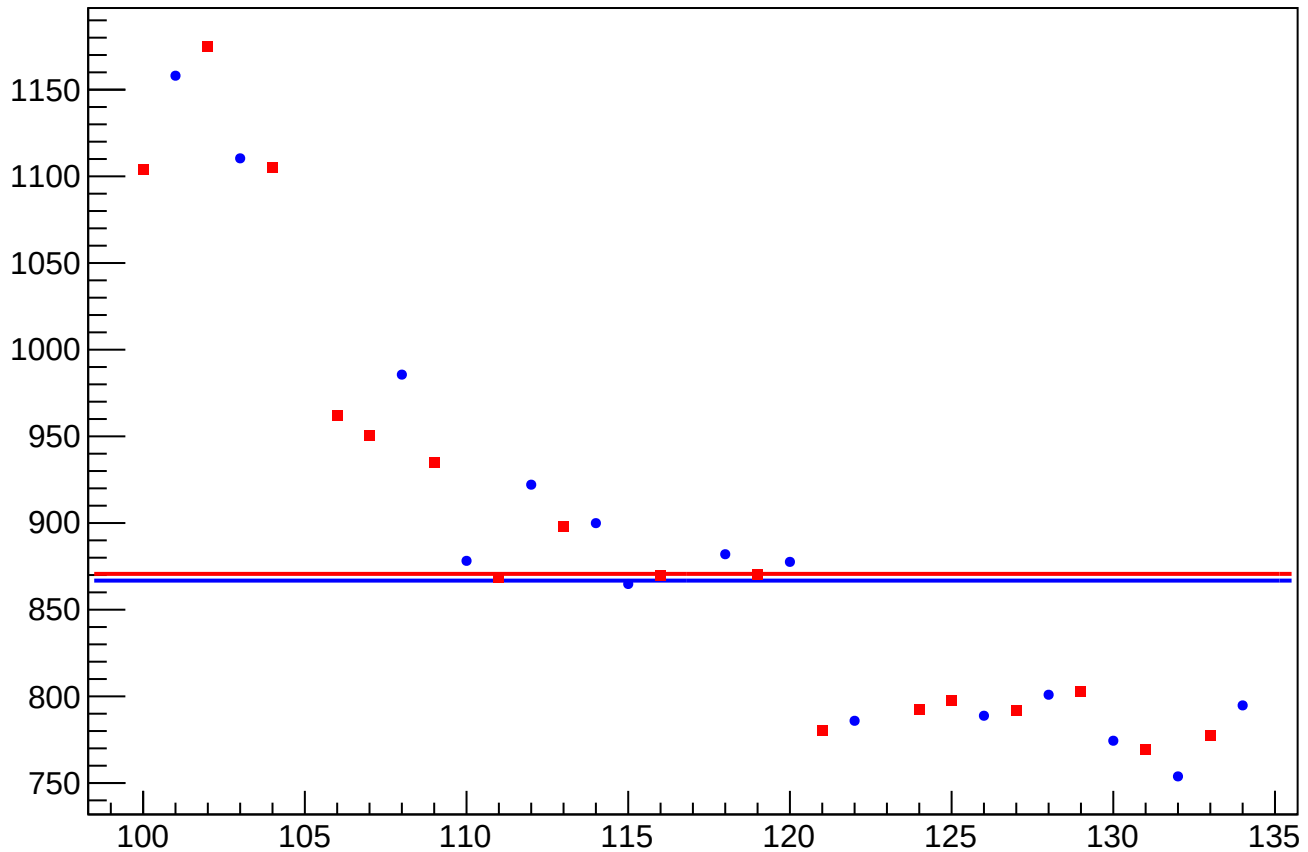
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -24.006 ± 0.242 χ^2/NDF : 15875.3/31

- sign 0.000 ± 0.000 χ^2/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: 870.662 $\pm$ 0.238 χ^2 /NDF: 218318.4/16

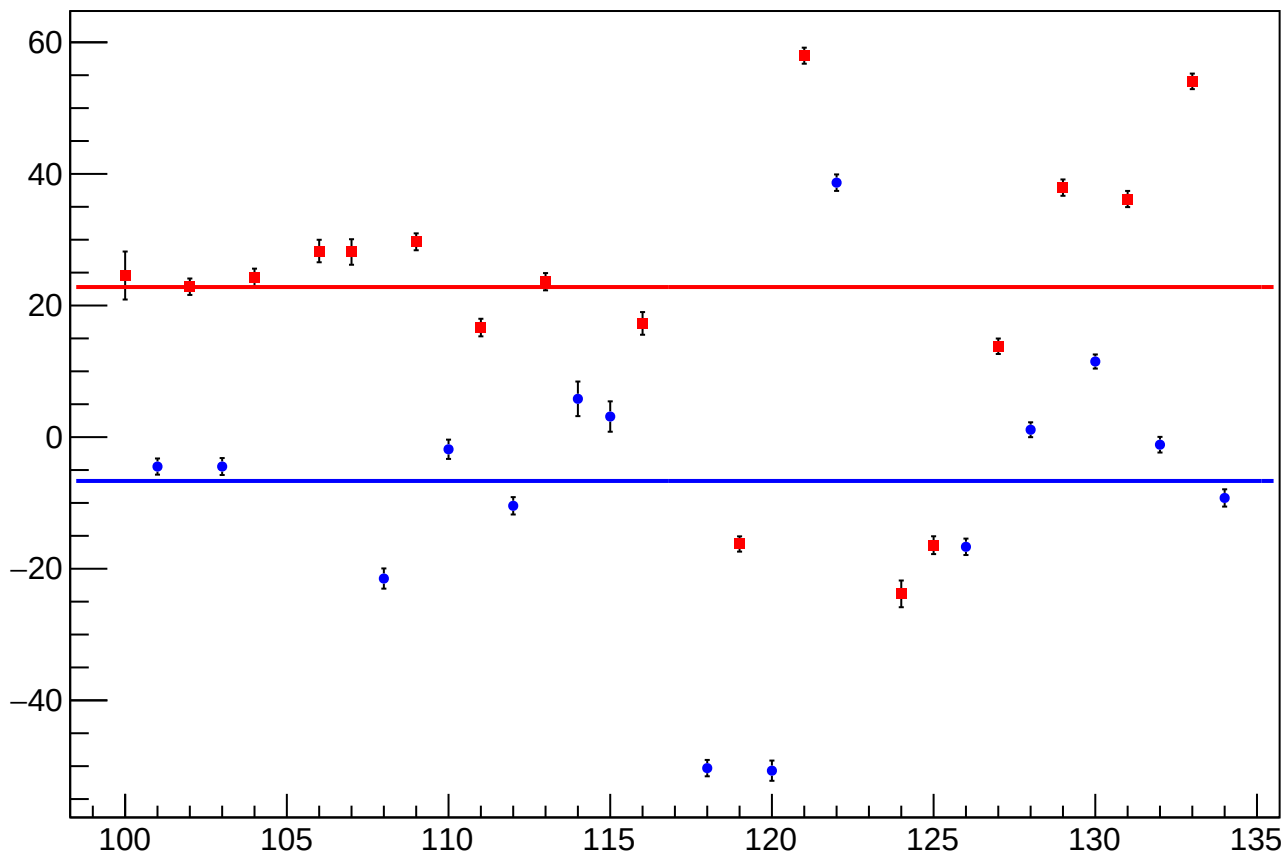
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 868.783 $\pm$ 0.171 χ^2 /NDF: 440184.3/31

- 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: 22.808+/-0.336 χ^2/NDF : 4435.5/16

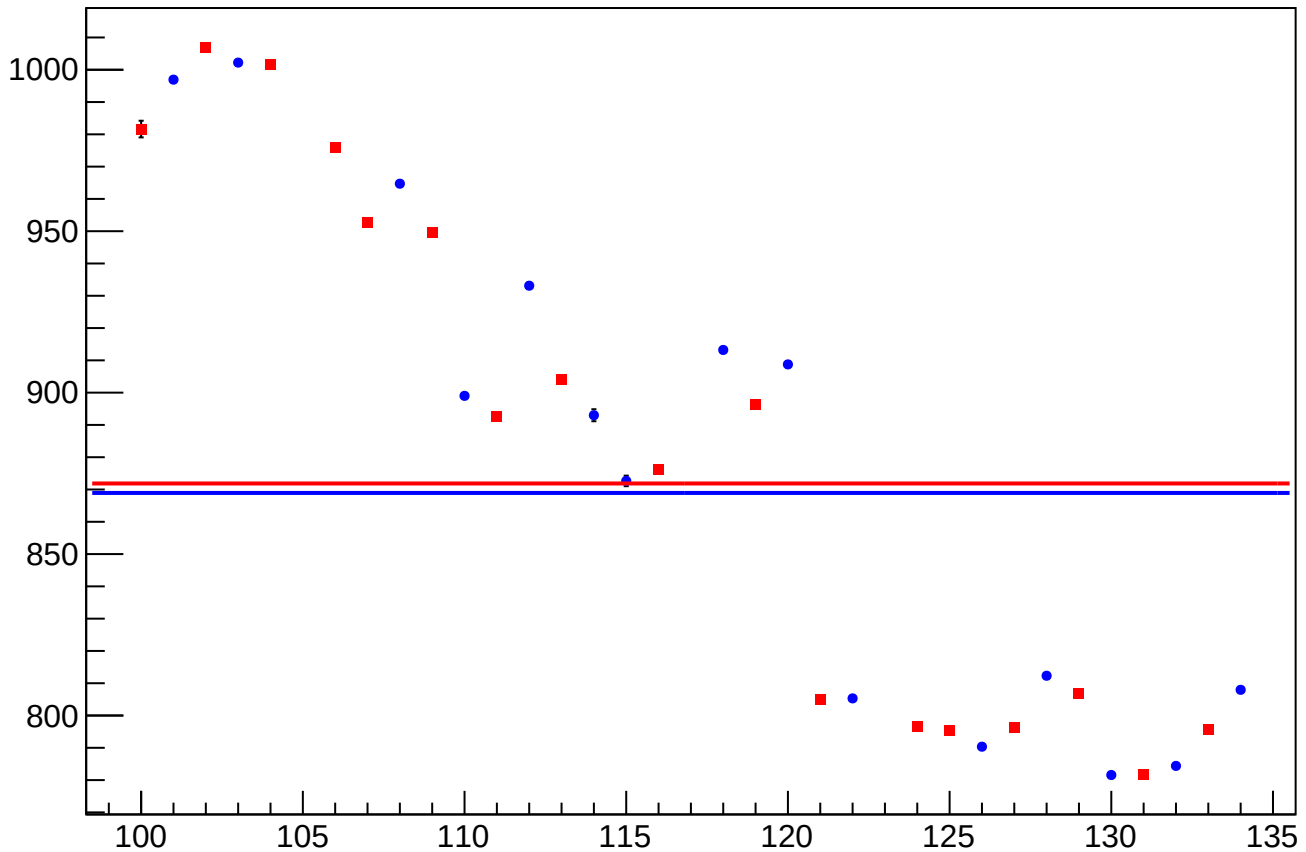
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.530+/-0.241 χ^2/NDF : 12117.3/31

- 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: 871.866 $\pm$ 0.237 χ^2 /NDF: 111479.6/16

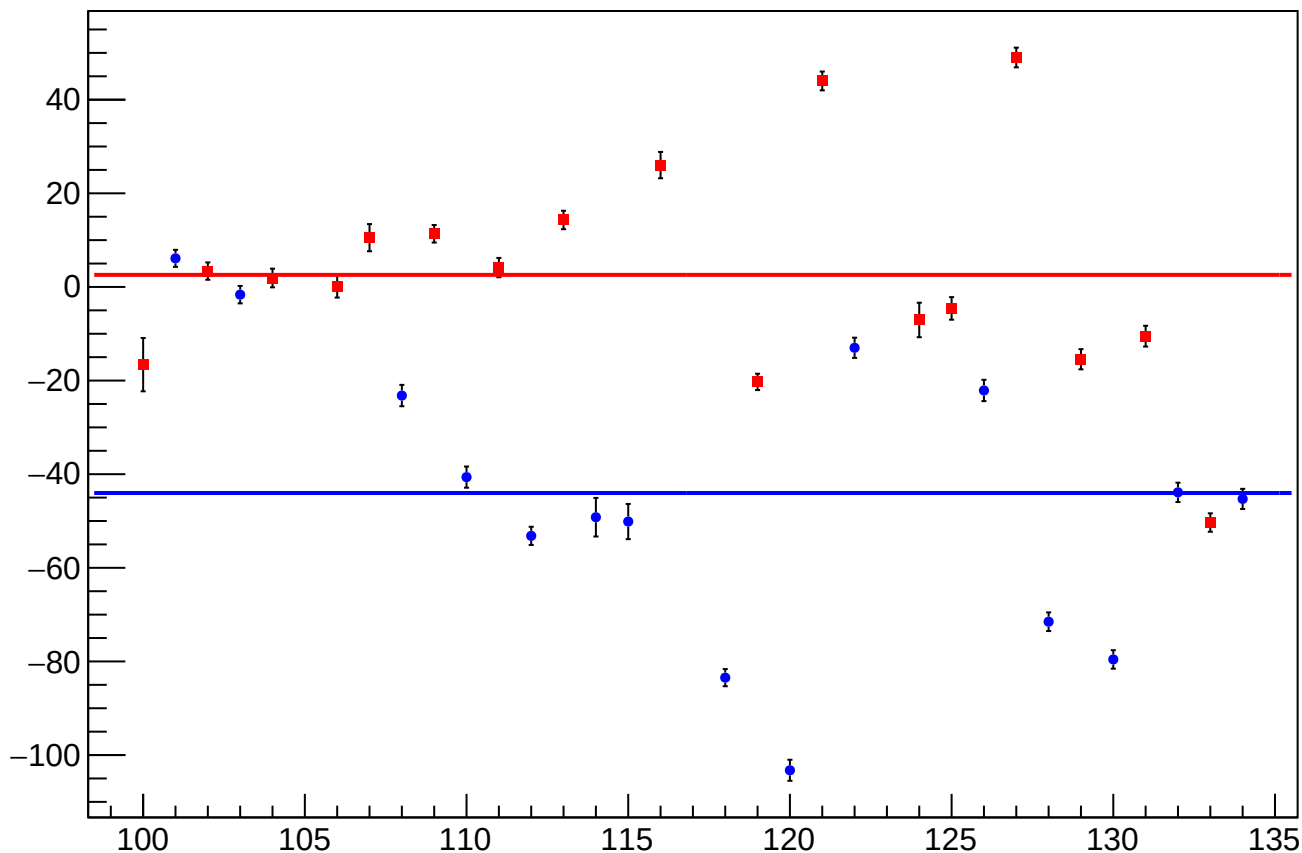
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 870.446 $\pm$ 0.170 χ^2 /NDF: 217831.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i02X_mean vs Slug



Right In: -44.018+/-0.556 χ^2/NDF : 3357.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.580+/-0.535 χ^2/NDF : 2076.4/16

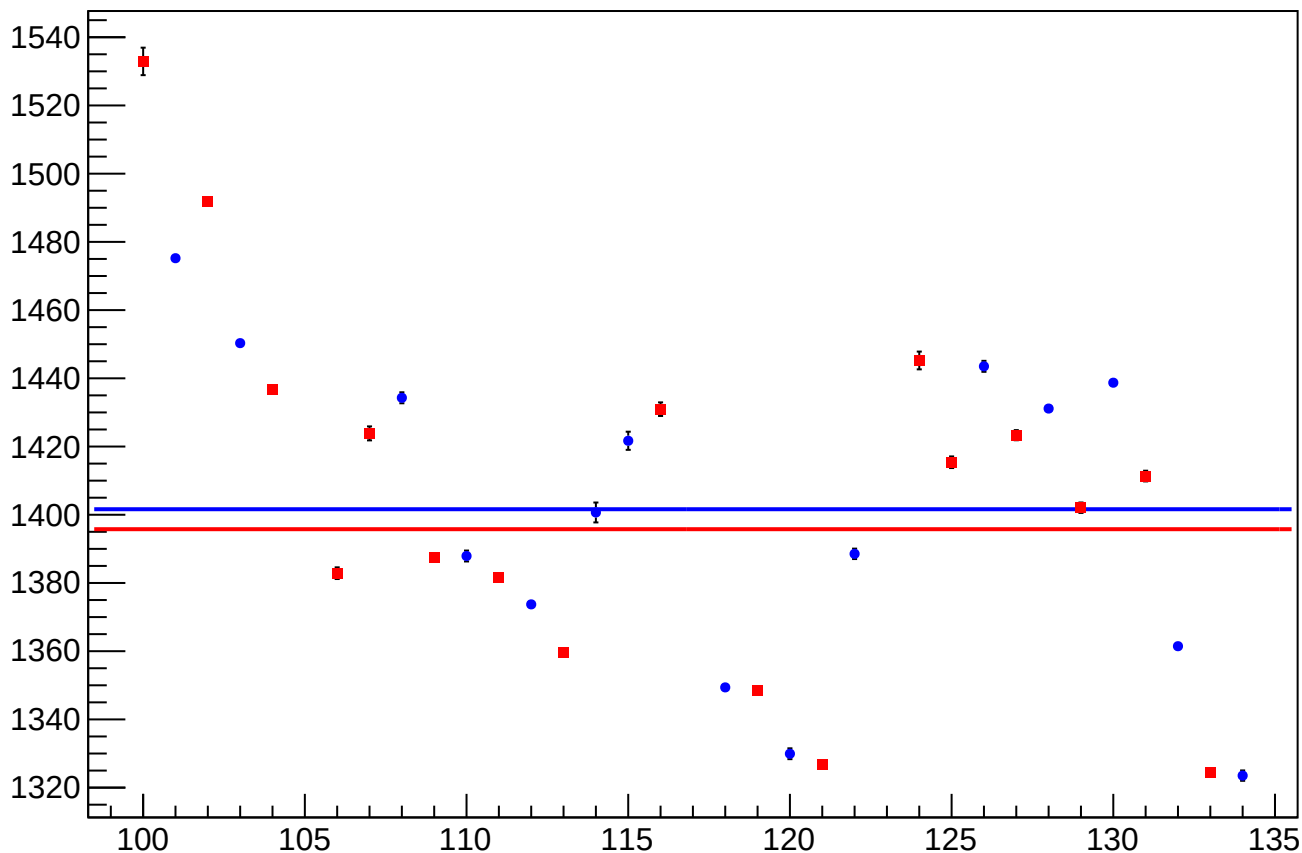
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.830+/-0.386 χ^2/NDF : 9078.2/31

- sign 0.000+/-0.000 χ^2/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: 1395.767+/-0.379 χ^2/NDF : 16161.1/16

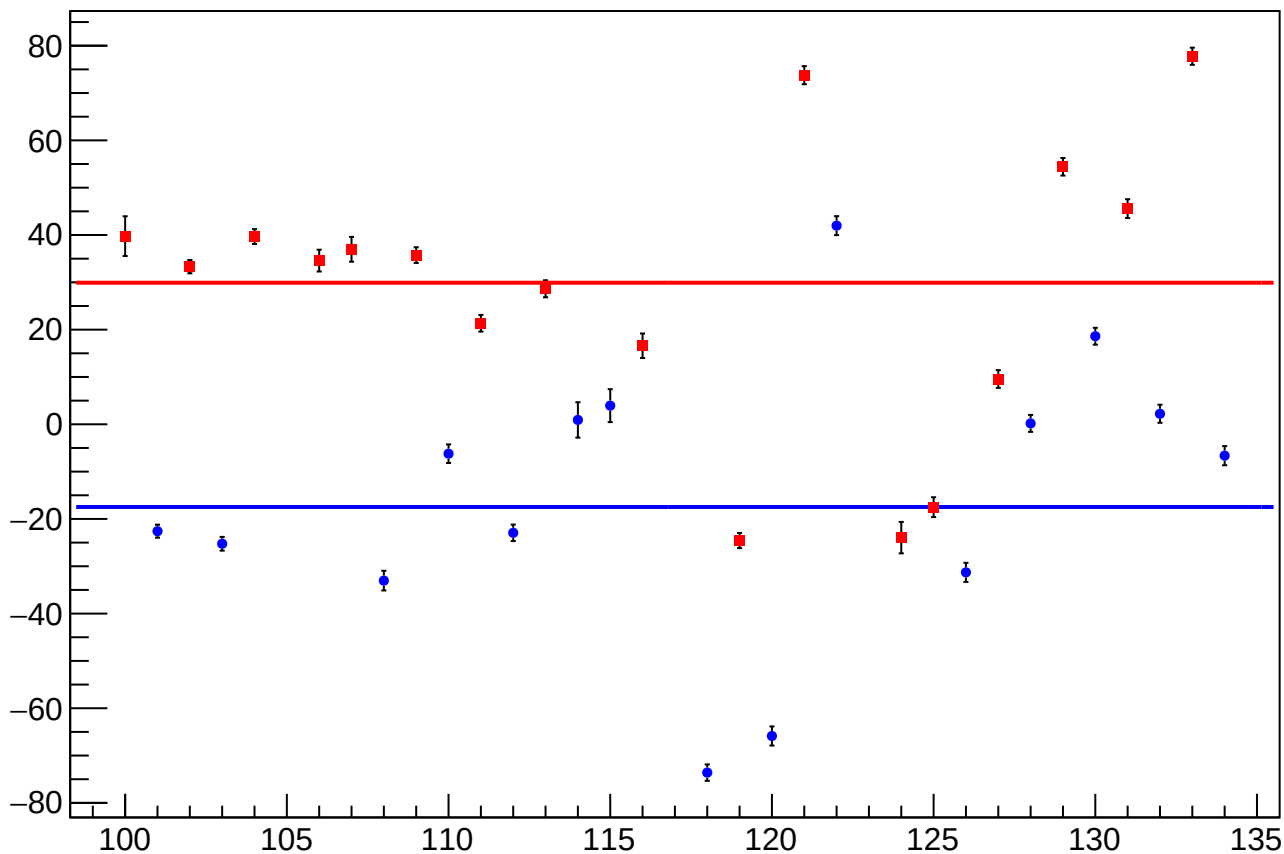
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1398.582+/-0.273 χ^2/NDF : 30812.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i02Y_mean vs Slug



Right In: -17.478+/-0.488 χ^2/NDF : 3395.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.919+/-0.468 χ^2/NDF : 3638.6/16

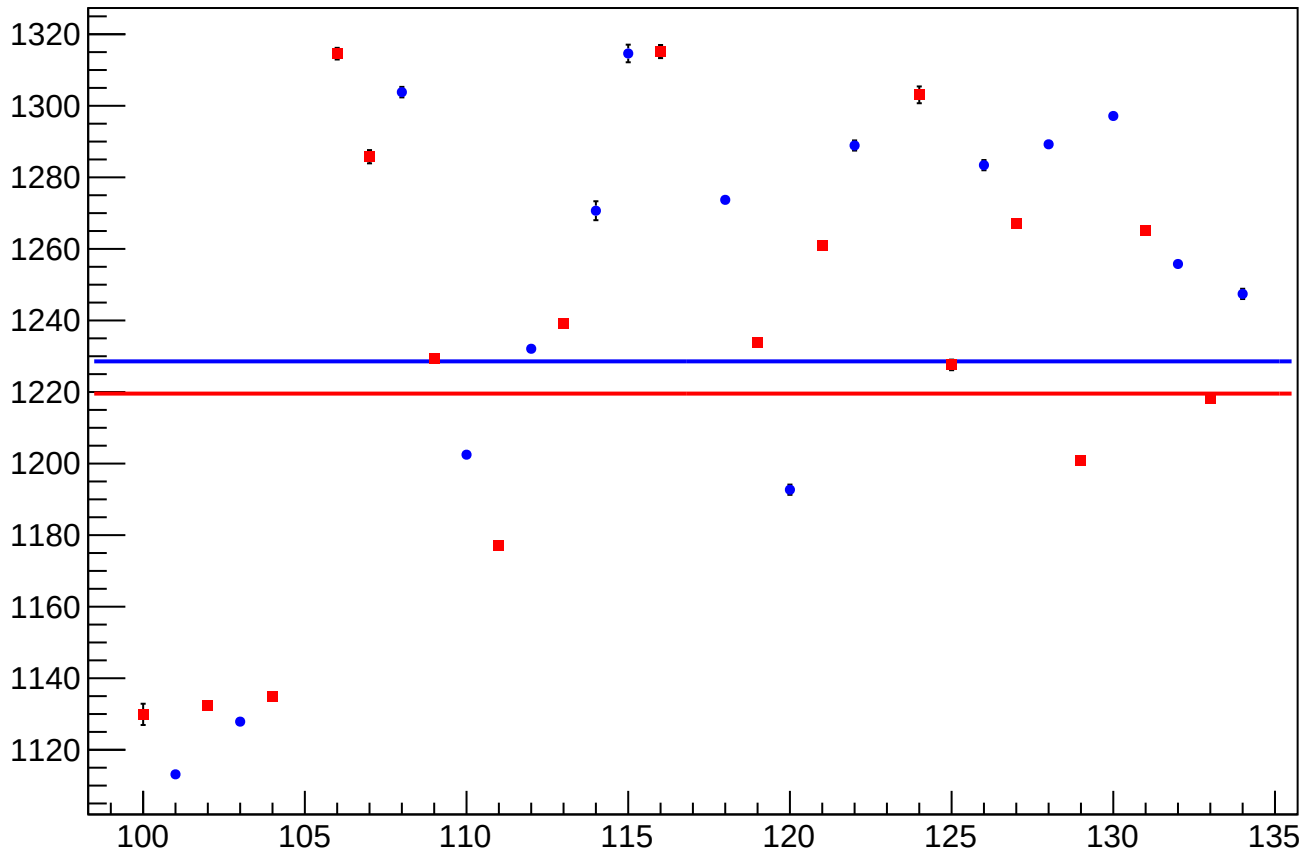
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.201+/-0.338 χ^2/NDF : 11943.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i02Y_rms vs Slug



Right In: 1228.569+/-0.345 χ^2/NDF : 39355.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1219.559+/-0.331 χ^2/NDF : 28239.3/16

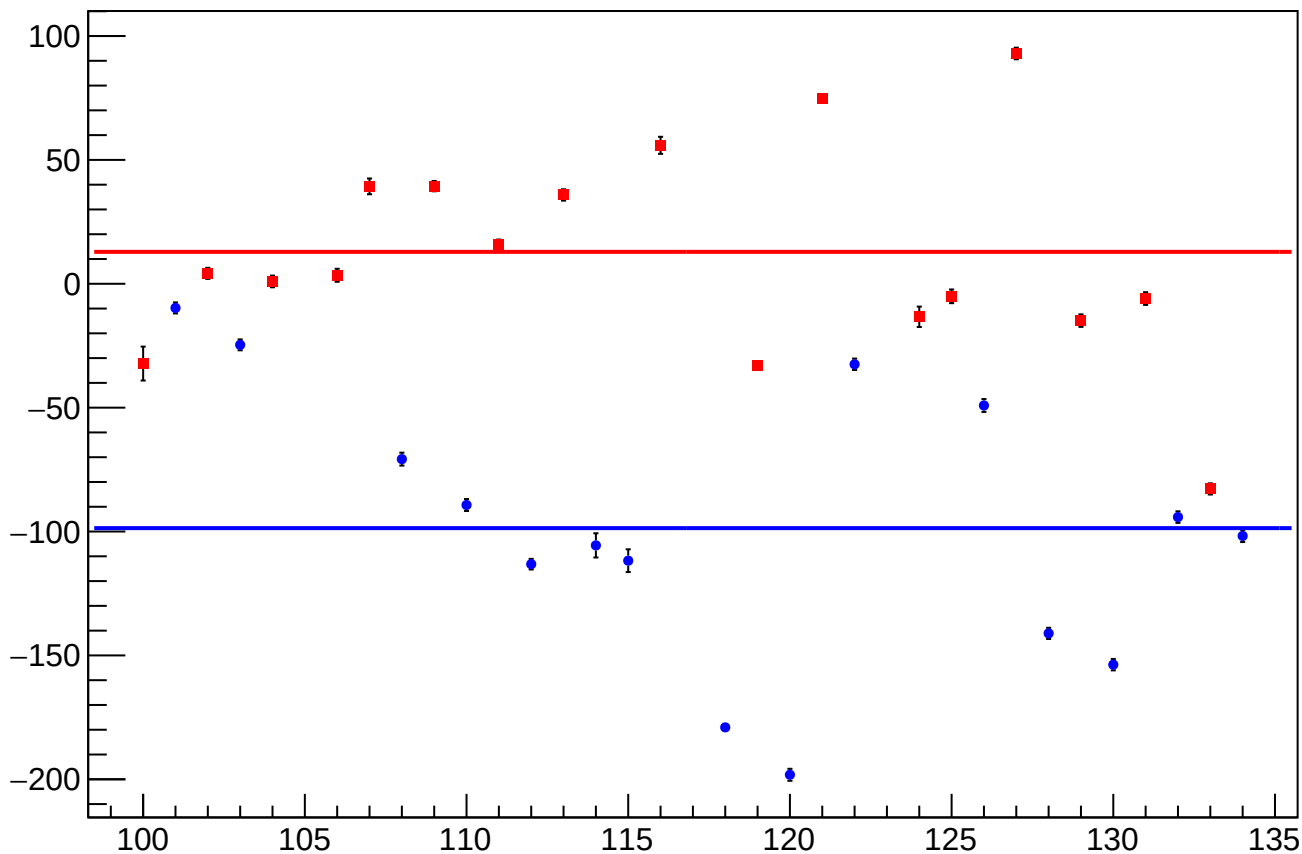
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1223.878+/-0.239 χ^2/NDF : 67949.3/31

- sign 0.000+/-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: 12.887 ± 0.603 χ^2/NDF : 5326.8/16

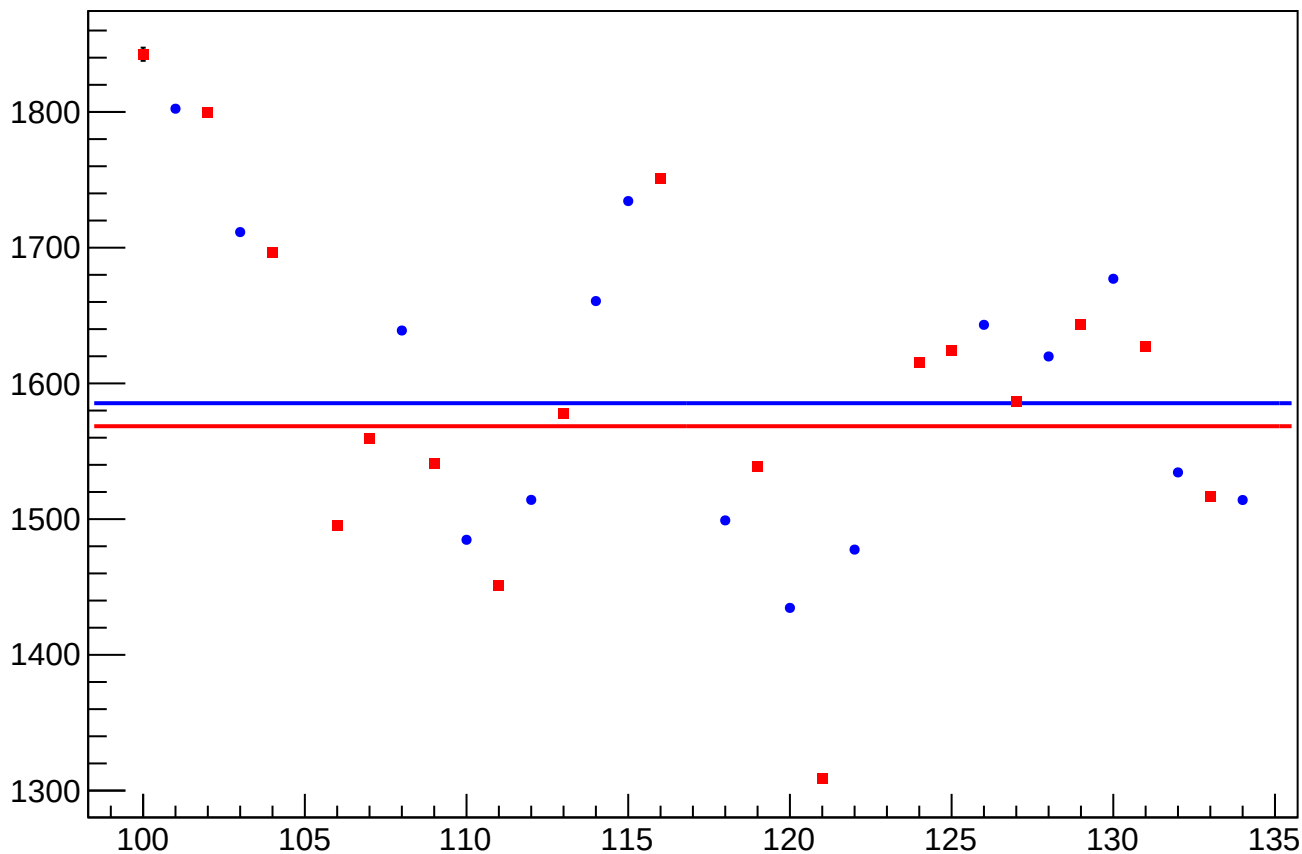
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.417 ± 0.436 χ^2/NDF : 29941.3/31

- 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: 1568.461+/-0.427 χ^2/NDF : 83885.1/16

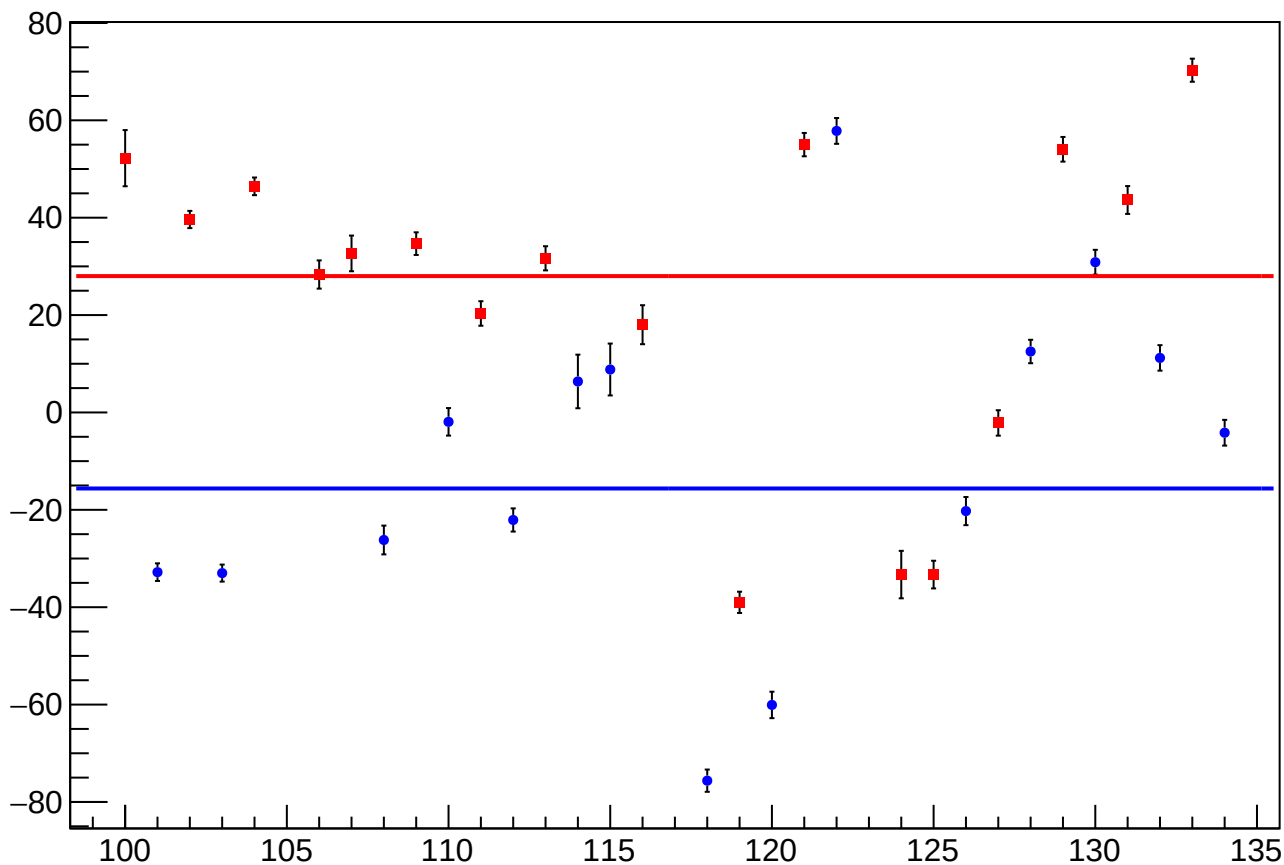
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1576.567+/-0.308 χ^2/NDF : 142334.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i02aY_mean vs Slug



Right In: -15.617 ± 0.656 $\chi^2/\text{NDF}: 2591.8/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 28.005 ± 0.624 $\chi^2/\text{NDF}: 2470.7/16$

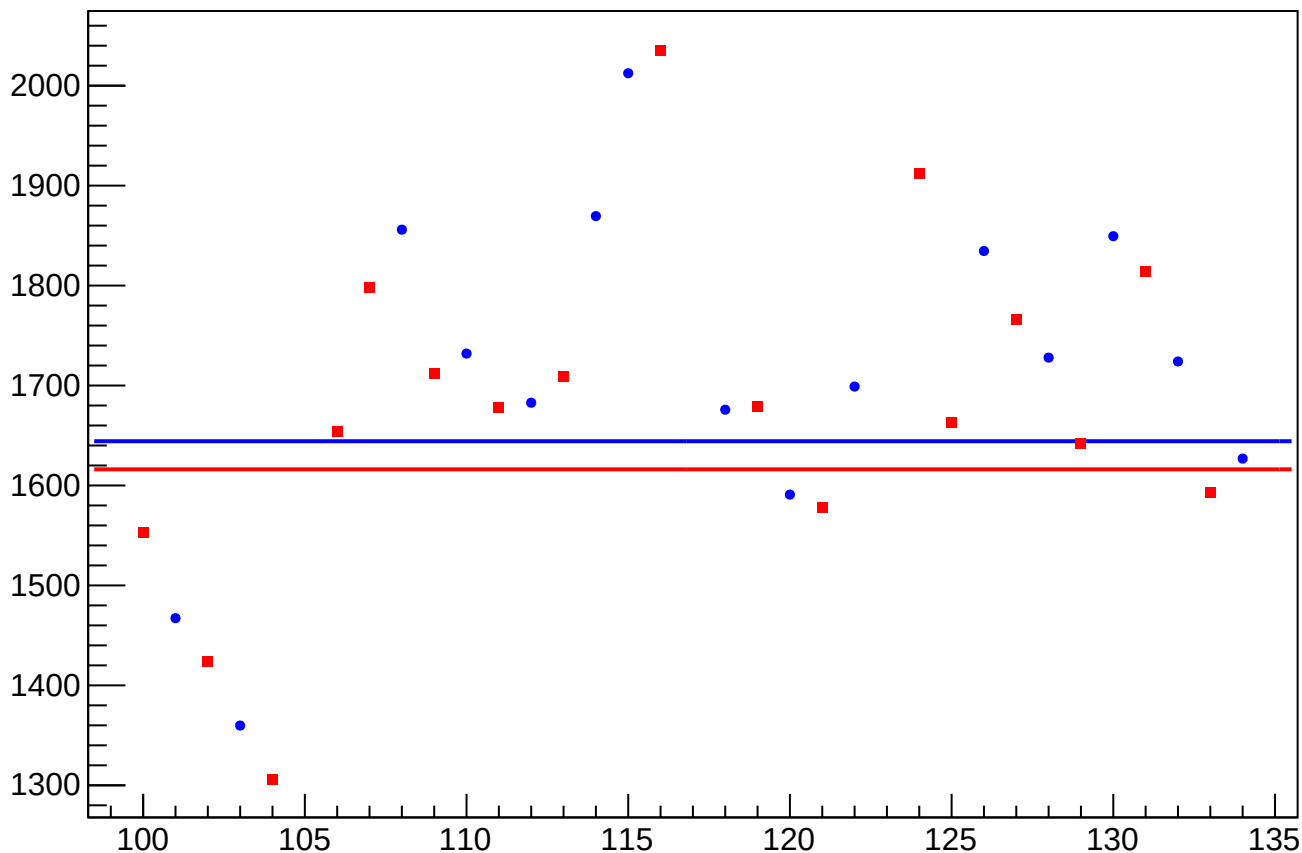
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 7.294 ± 0.452 $\chi^2/\text{NDF}: 7382.8/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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

Right Out: 1616.133+/-0.441 χ^2/NDF : 143687.3/16

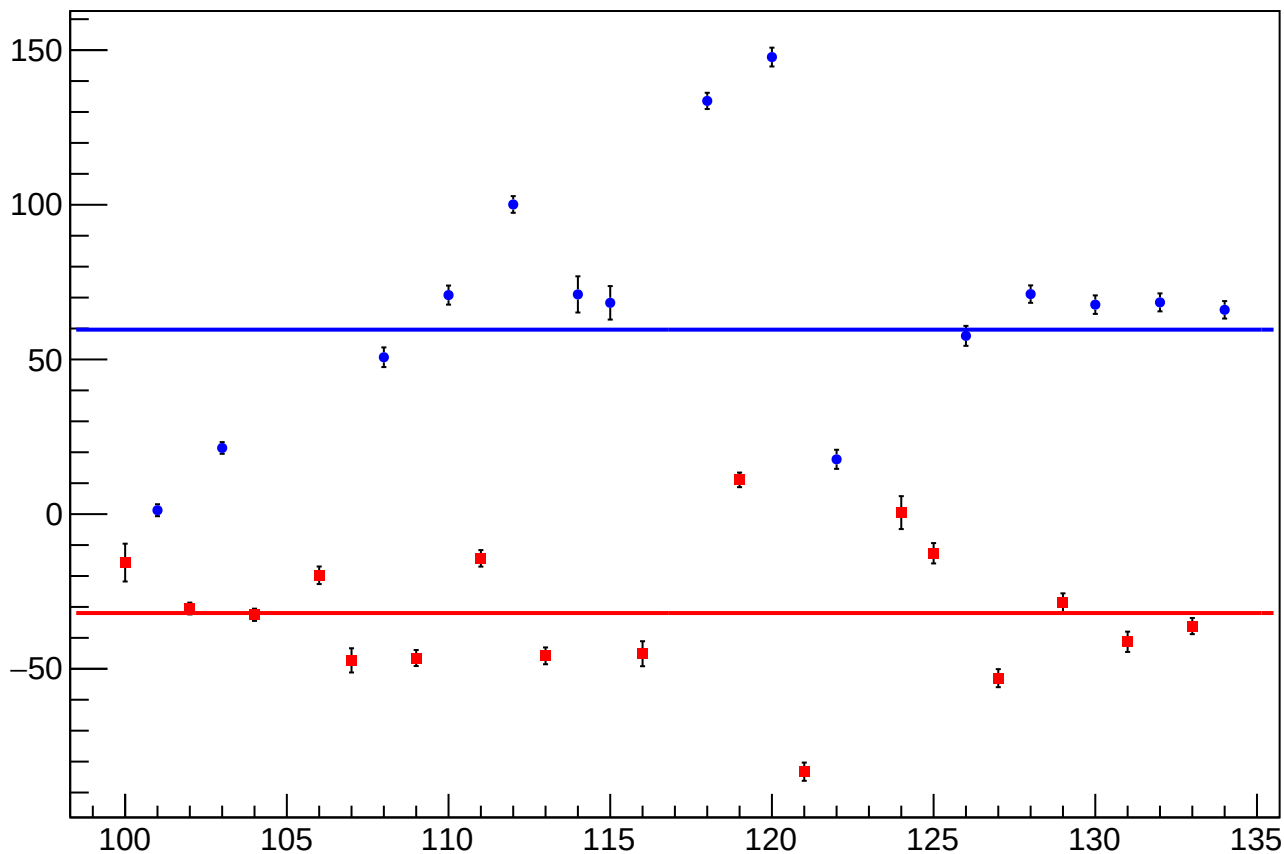
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1629.490+/-0.320 χ^2/NDF : 271298.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i05X_mean vs Slug



Right In: 59.636+/-0.728 χ^2 /NDF: 3433.4/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -31.974+/-0.687 χ^2 /NDF: 925.7/16

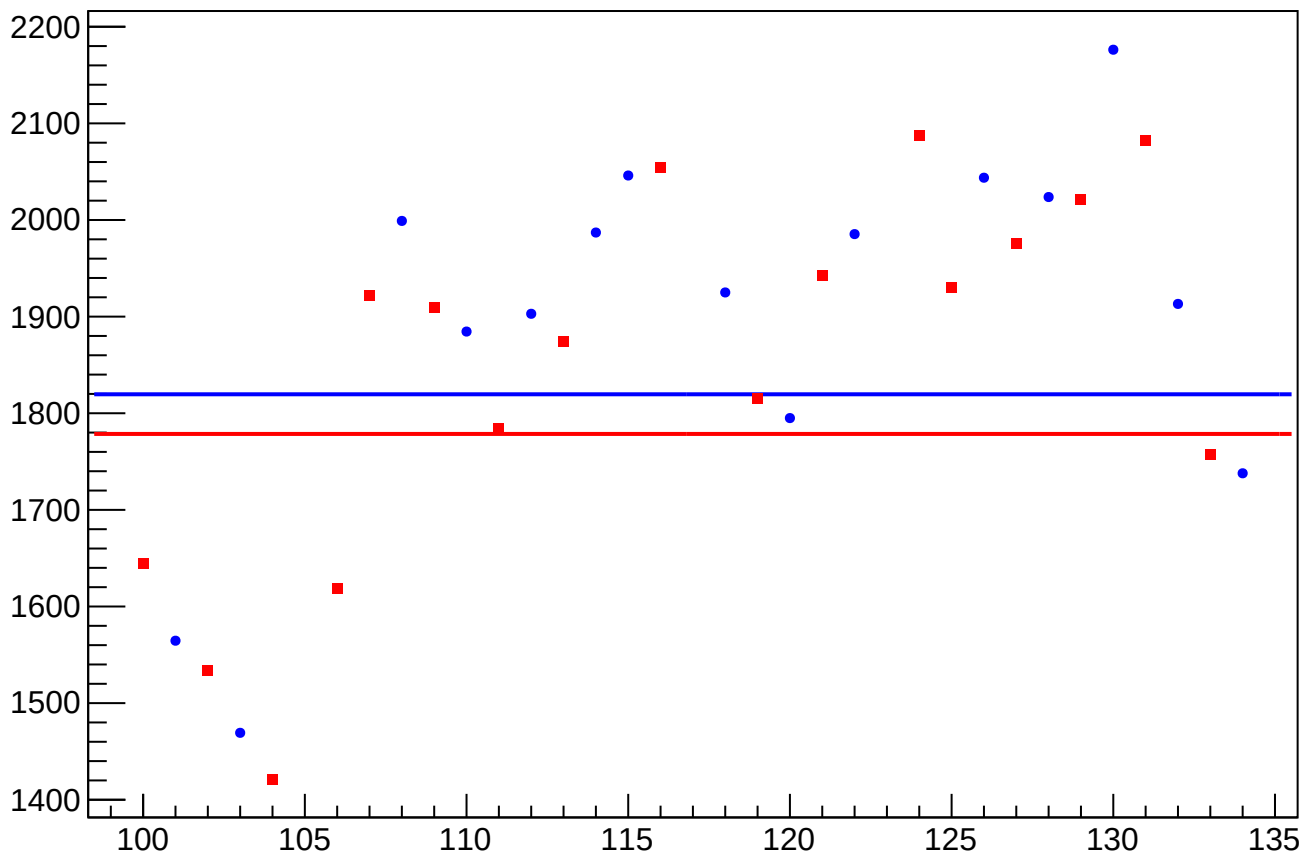
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 11.222+/-0.500 χ^2 /NDF: 12738.3/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm0i05X_rms vs Slug



Right In: 1819.625+/-0.514 χ^2/NDF : 179370.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

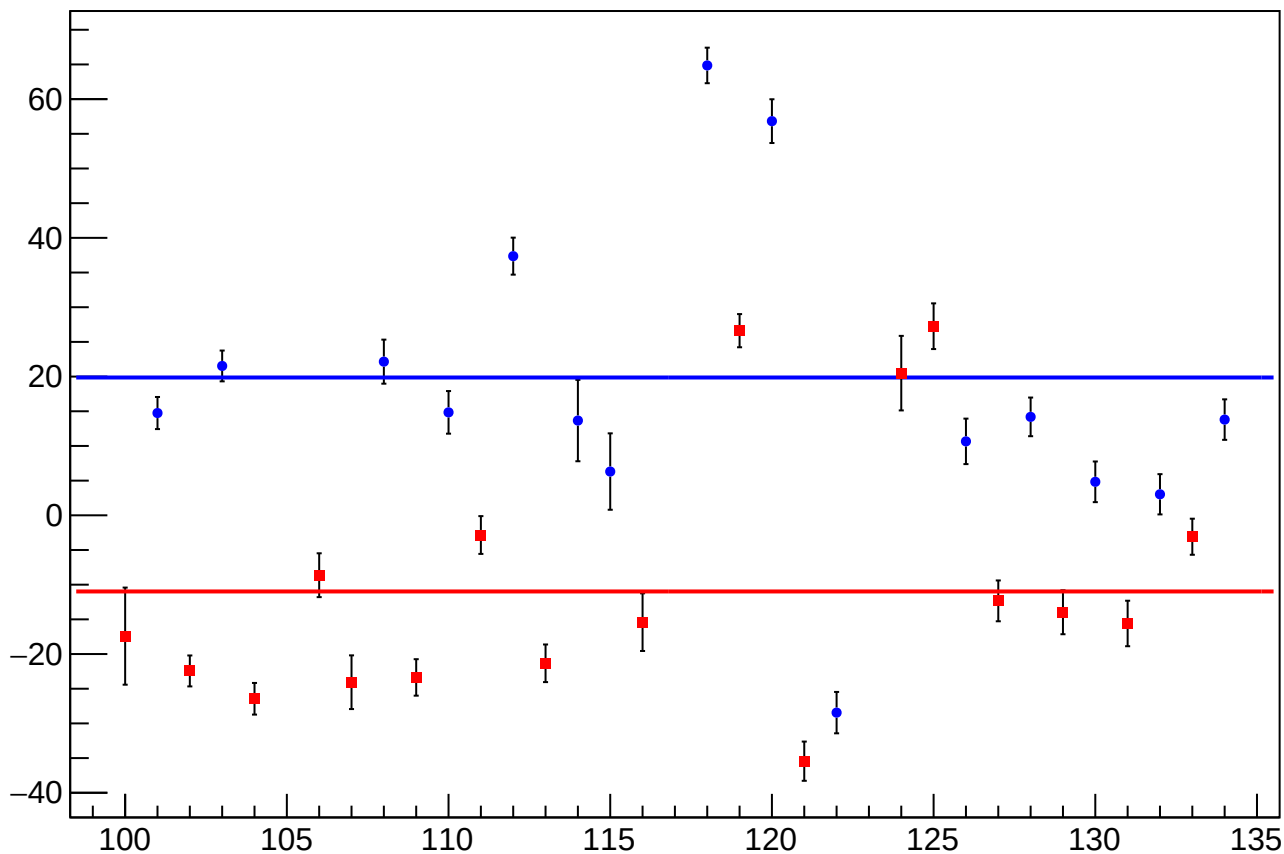
Right Out: 1778.587+/-0.486 χ^2/NDF : 181799.2/16

All: 1797.937+/-0.353 χ^2/NDF : 364532.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -10.978+/-0.719 χ^2 /NDF: 635.3/16

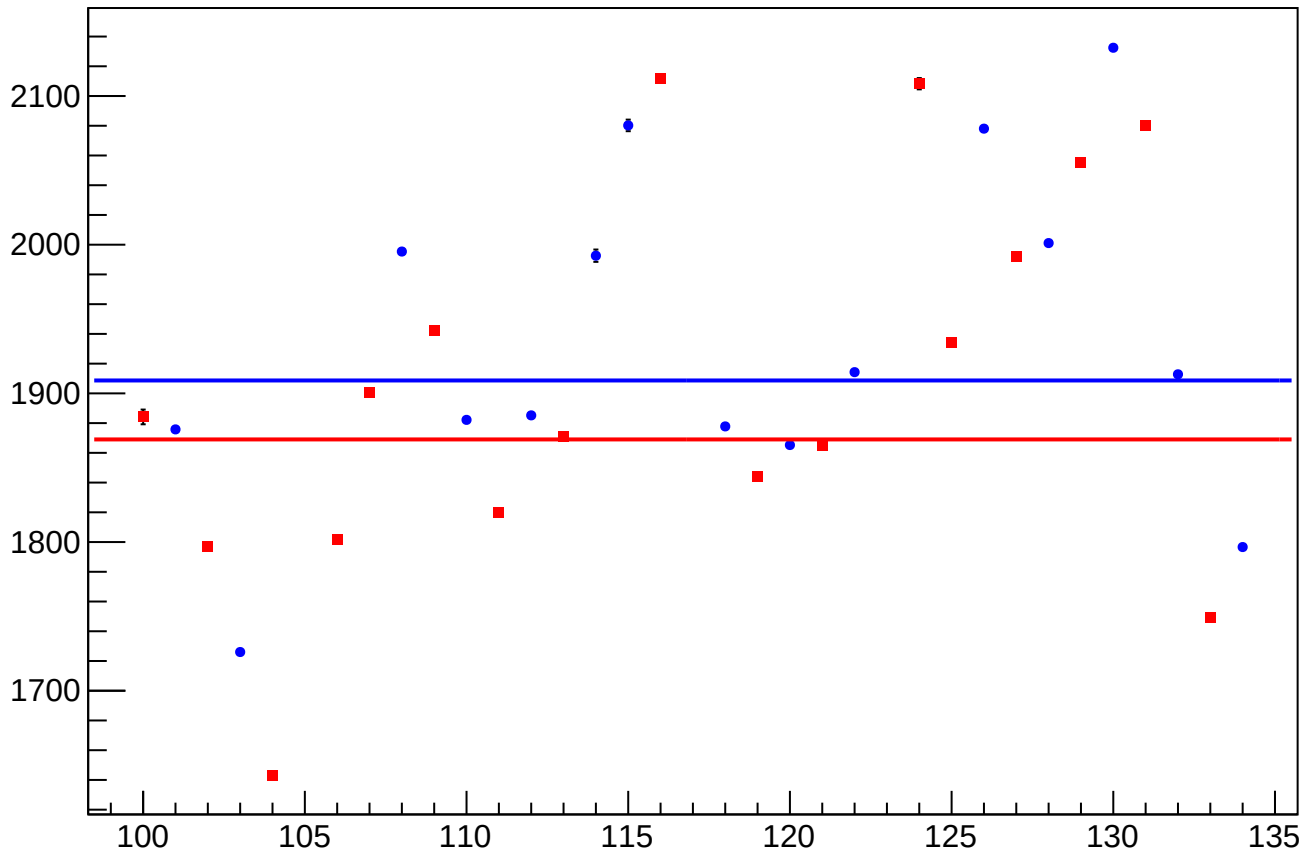
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 3.608+/-0.522 χ^2 /NDF: 2349.8/31

- 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: 1869.023+/-0.508 χ^2/NDF : 59695.9/16

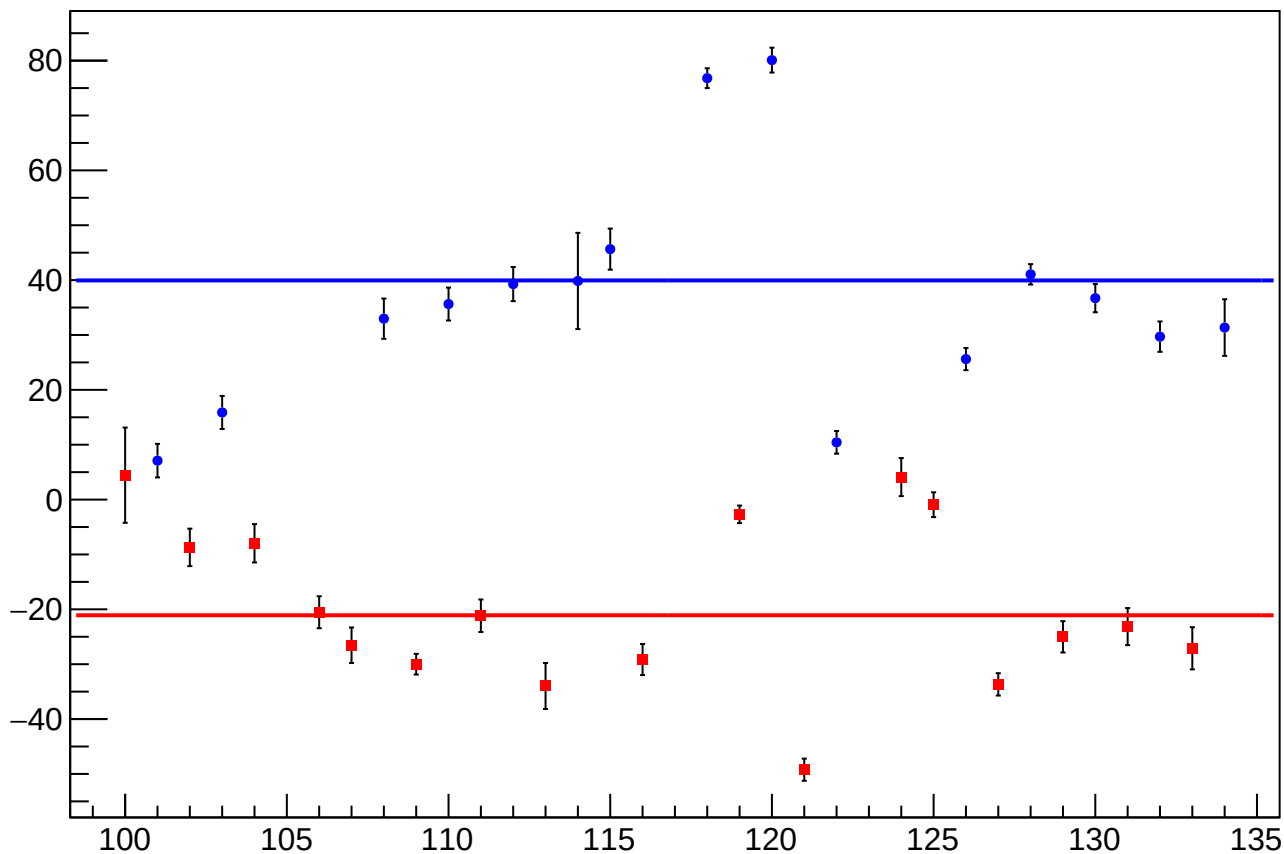
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1887.774+/-0.369 χ^2/NDF : 103479.8/31

- 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: -21.087 $\pm$ 0.645 χ^2 /NDF: 581.1/16

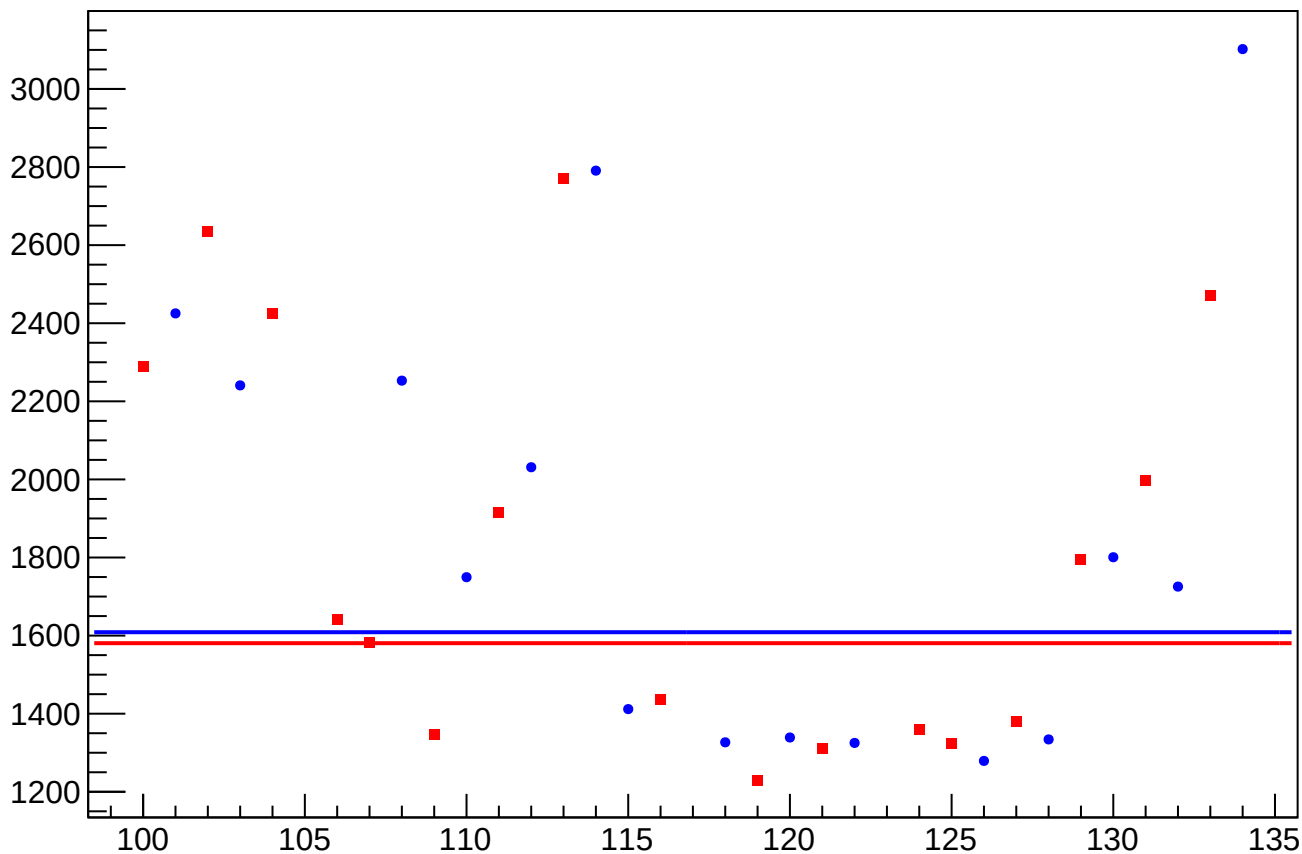
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.925 $\pm$ 0.467 χ^2 /NDF: 6031.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i07X_rms vs Slug



Right In: 1608.673+/-0.479 χ^2/NDF : 769260.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1580.586+/-0.456 χ^2/NDF : 880635.8/16

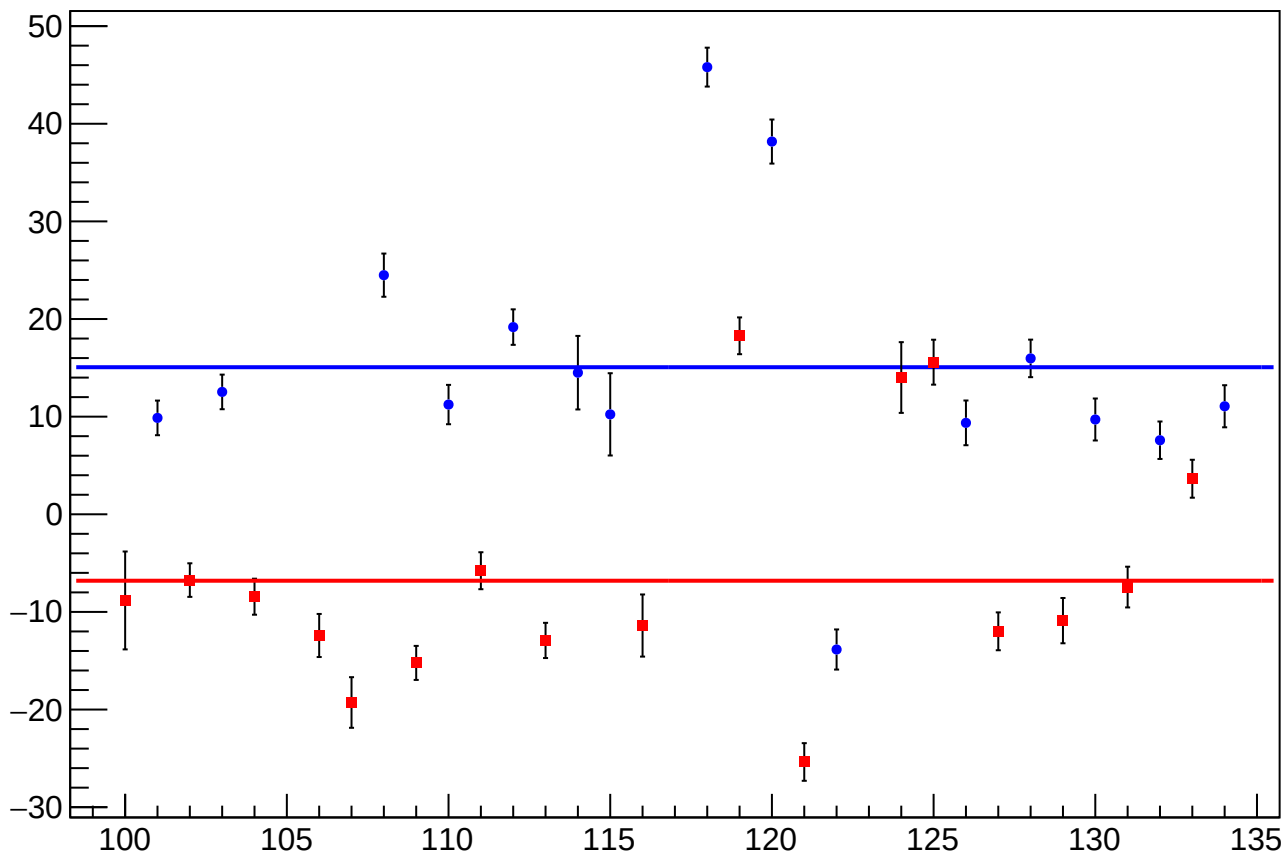
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1593.938+/-0.330 χ^2/NDF : 1651701.2/30

- sign 0.000+/-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: -6.805 $\pm$ 0.513 χ^2 /NDF: 504.7/16

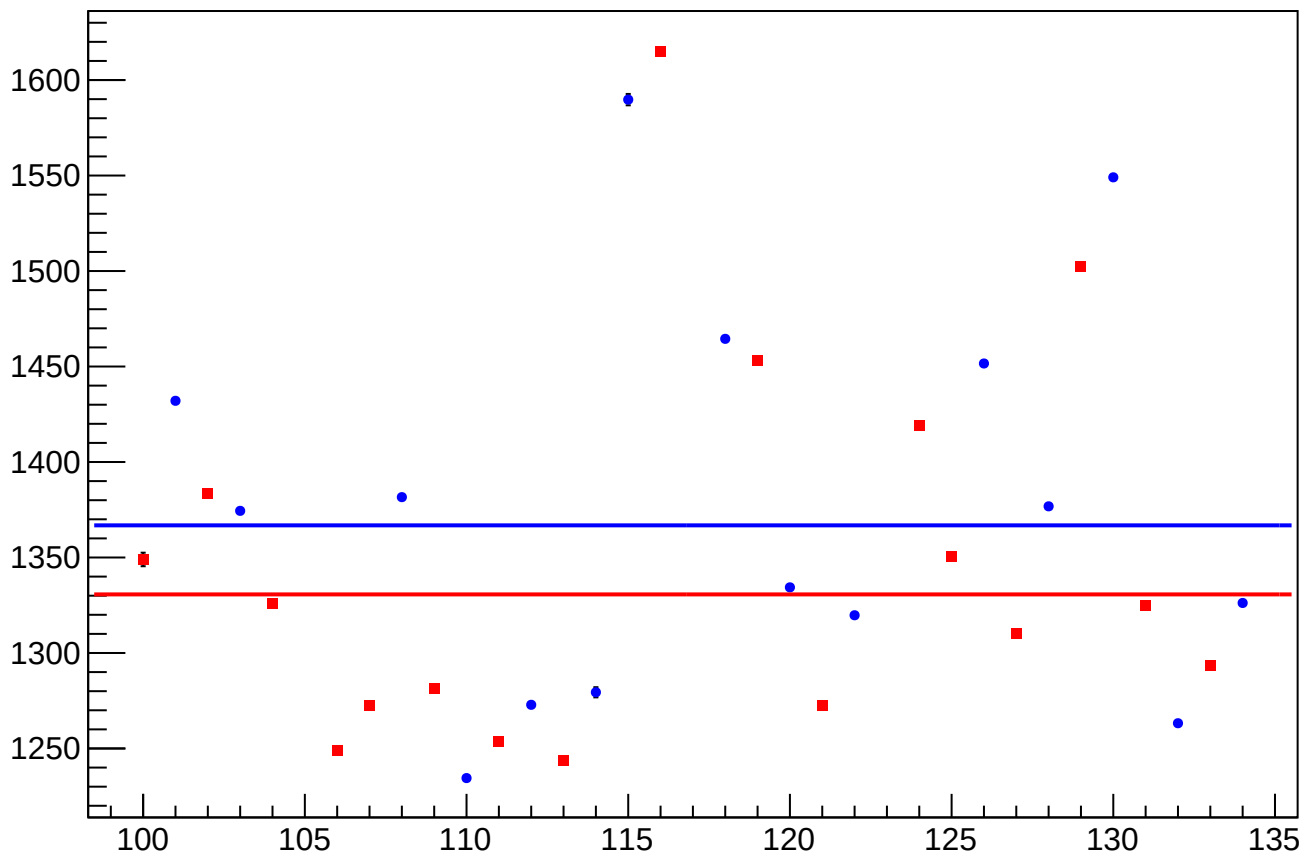
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.462 $\pm$ 0.373 χ^2 /NDF: 1969.5/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i07Y_rms vs Slug



Right In: 1366.833 $\pm$ 0.385 χ^2 /NDF: 53448.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1330.676 $\pm$ 0.363 χ^2 /NDF: 54762.1/16

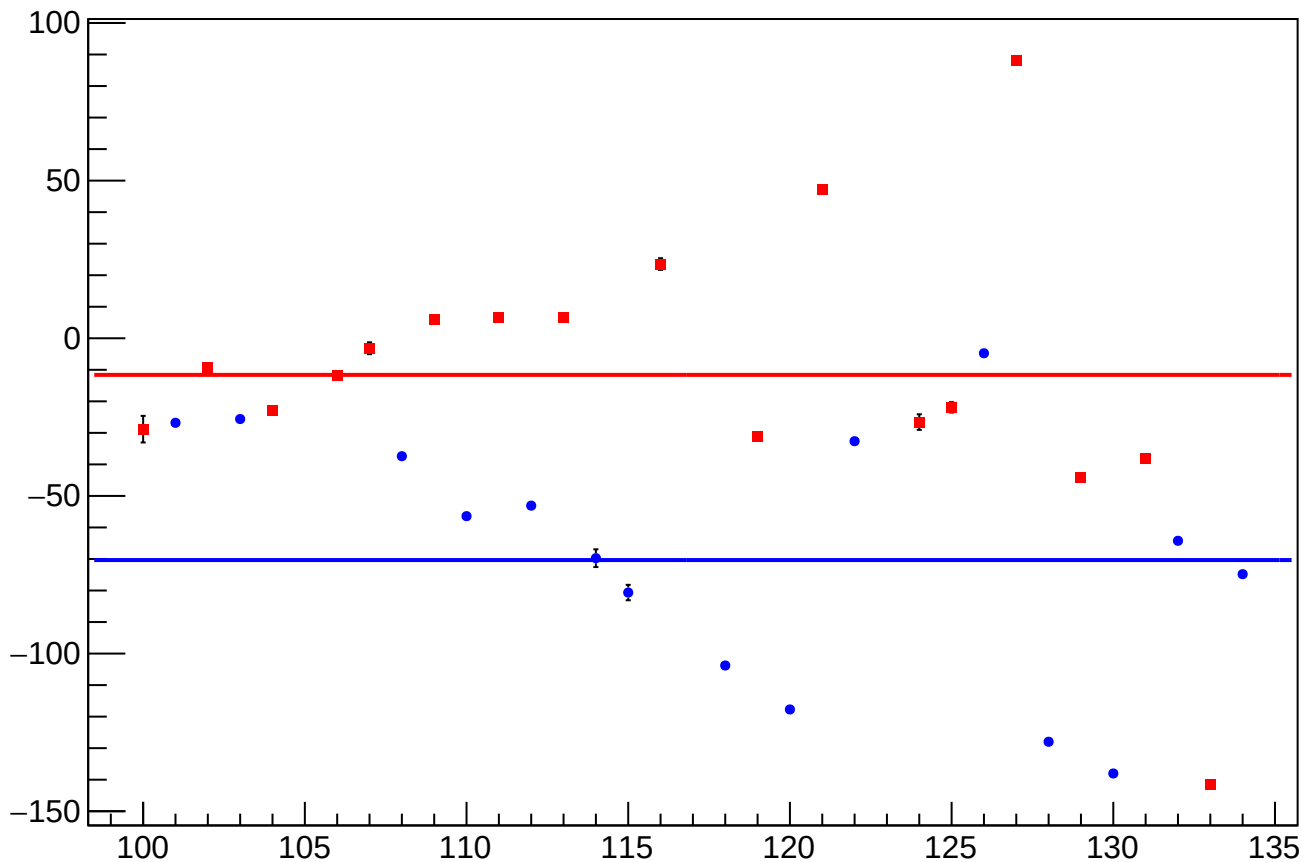
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1347.652 $\pm$ 0.264 χ^2 /NDF: 112879.1/31

- sign 0.000 $\pm$ 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: -11.606 ± 0.362 χ^2/NDF : 18867.7/16

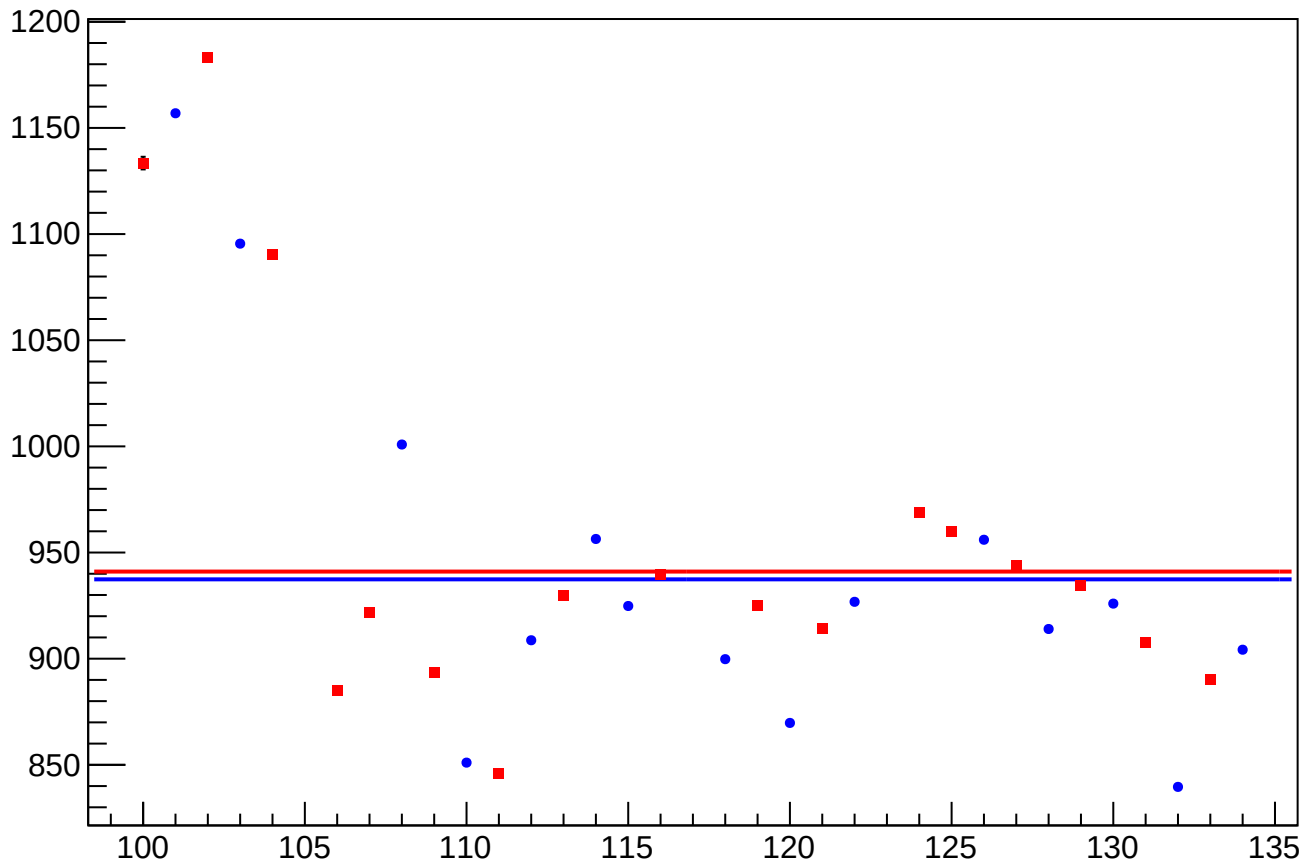
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.075 ± 0.260 χ^2/NDF : 43547.7/31

- 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: 941.030 $\pm$ 0.256 χ^2 /NDF: 100998.5/16

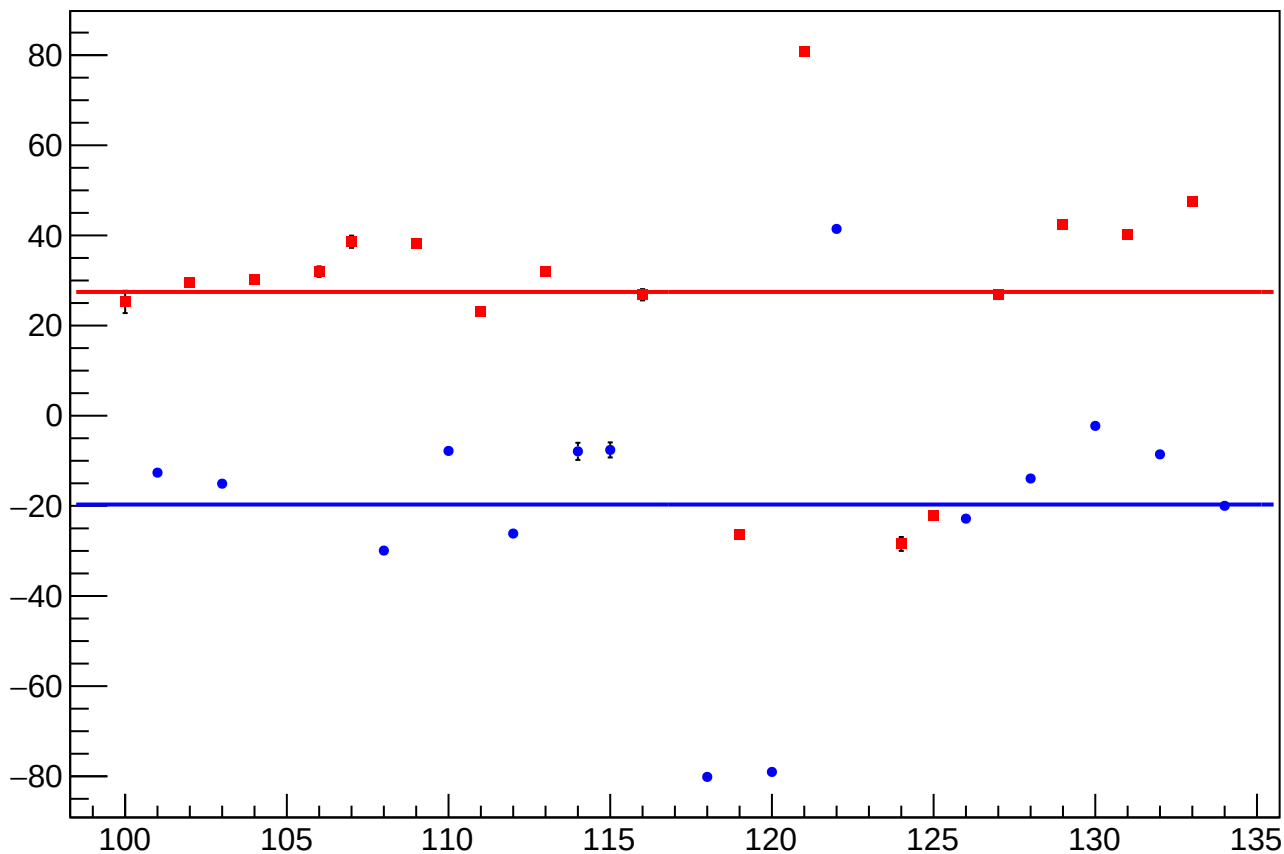
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 939.255 $\pm$ 0.184 χ^2 /NDF: 205749.8/31

- 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: 27.459 ± 0.242 χ^2/NDF : 12742.4/16

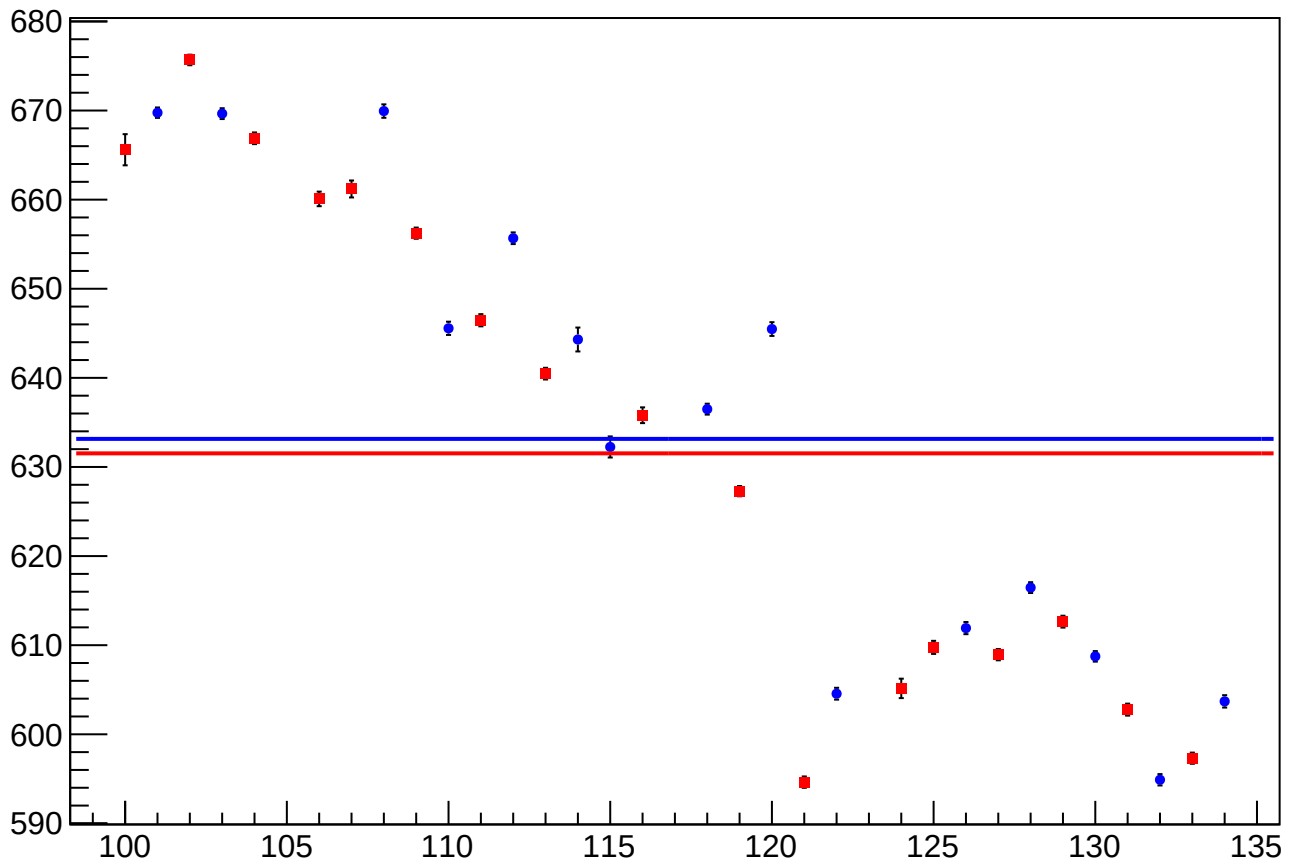
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 4.741 ± 0.174 χ^2/NDF : 44168.9/31

- 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: 631.527 $\pm$ 0.171 χ^2 /NDF: 25040.6/16

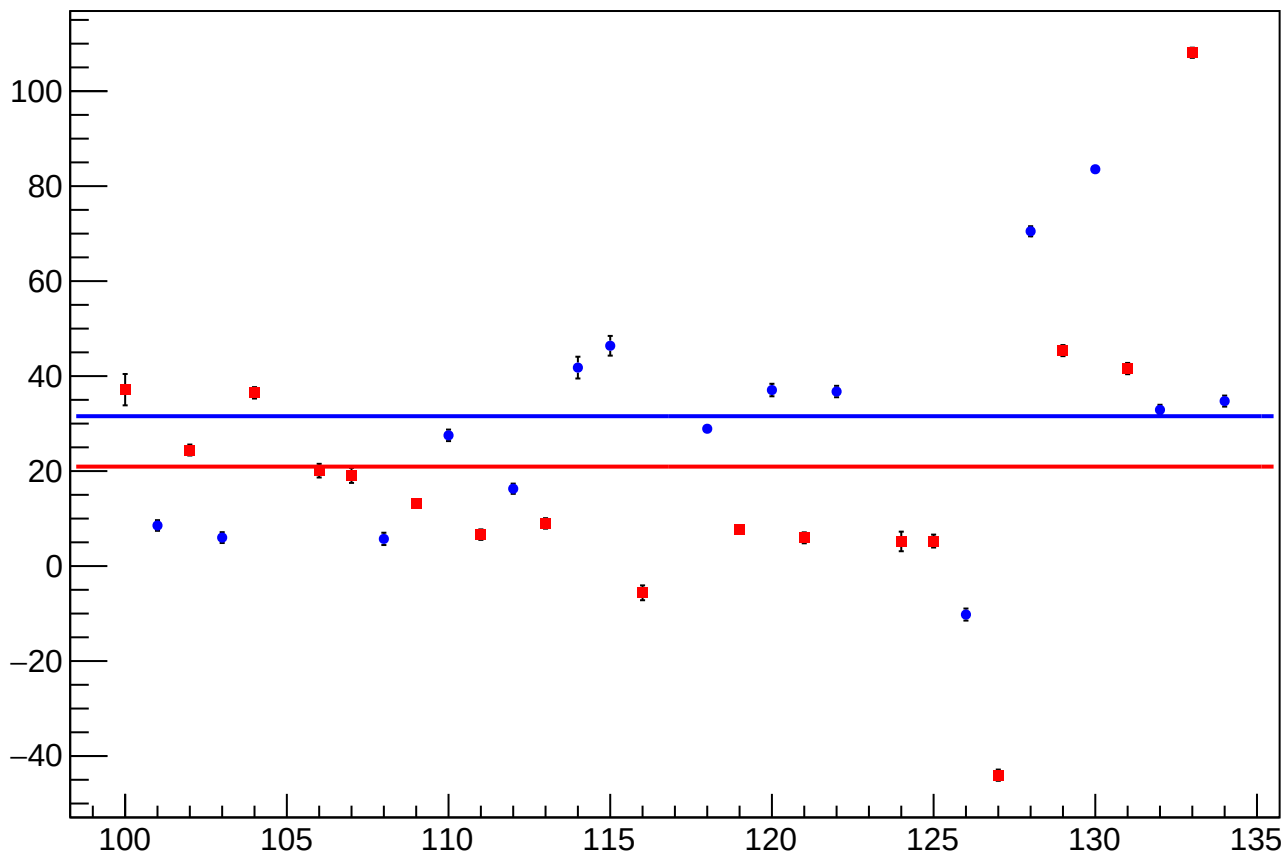
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 632.310 $\pm$ 0.123 χ^2 /NDF: 47486.0/31

- 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: 20.942+/-0.302 χ^2/NDF : 11760.8/16

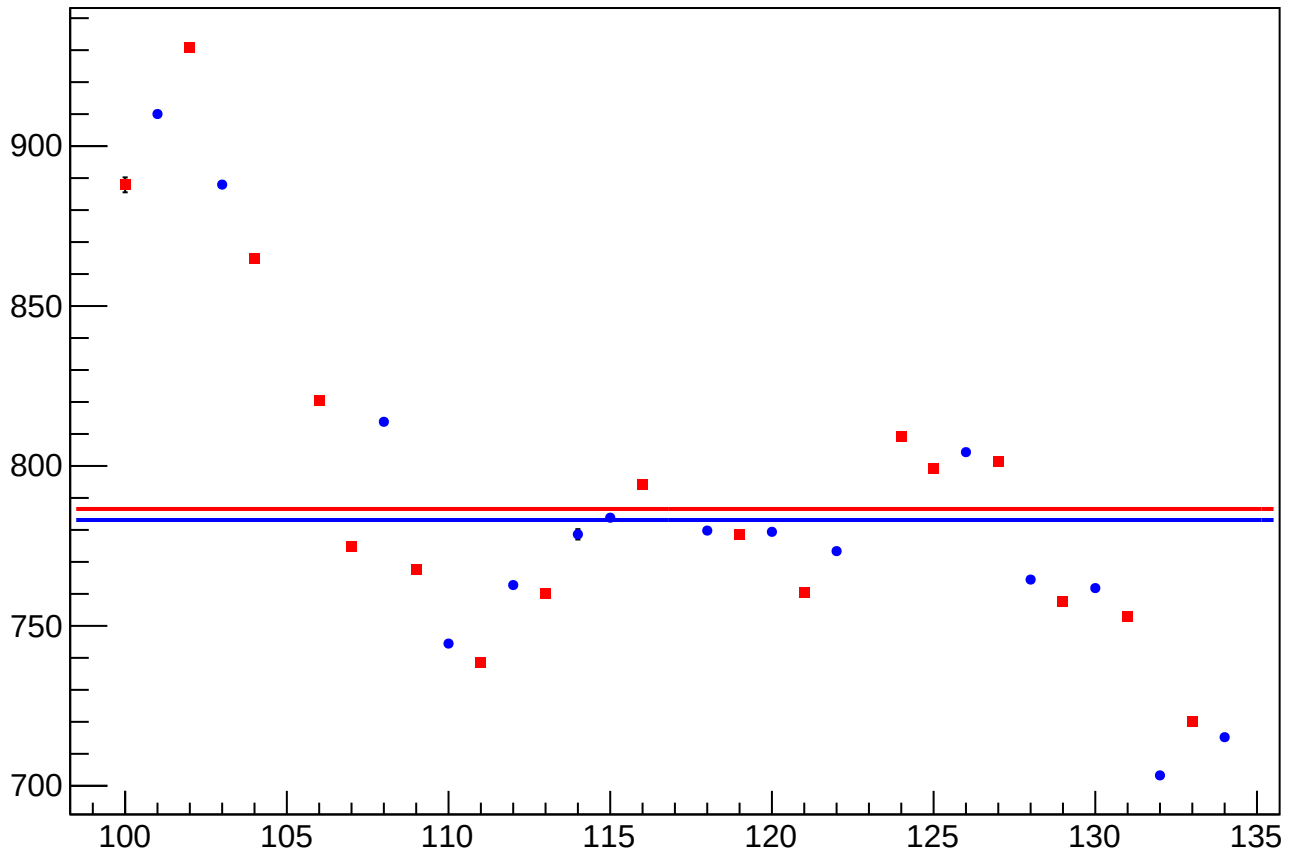
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.090+/-0.217 χ^2/NDF : 18898.1/31

- 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: 786.551 $\pm$ 0.214 χ^2 /NDF: 60872.0/16

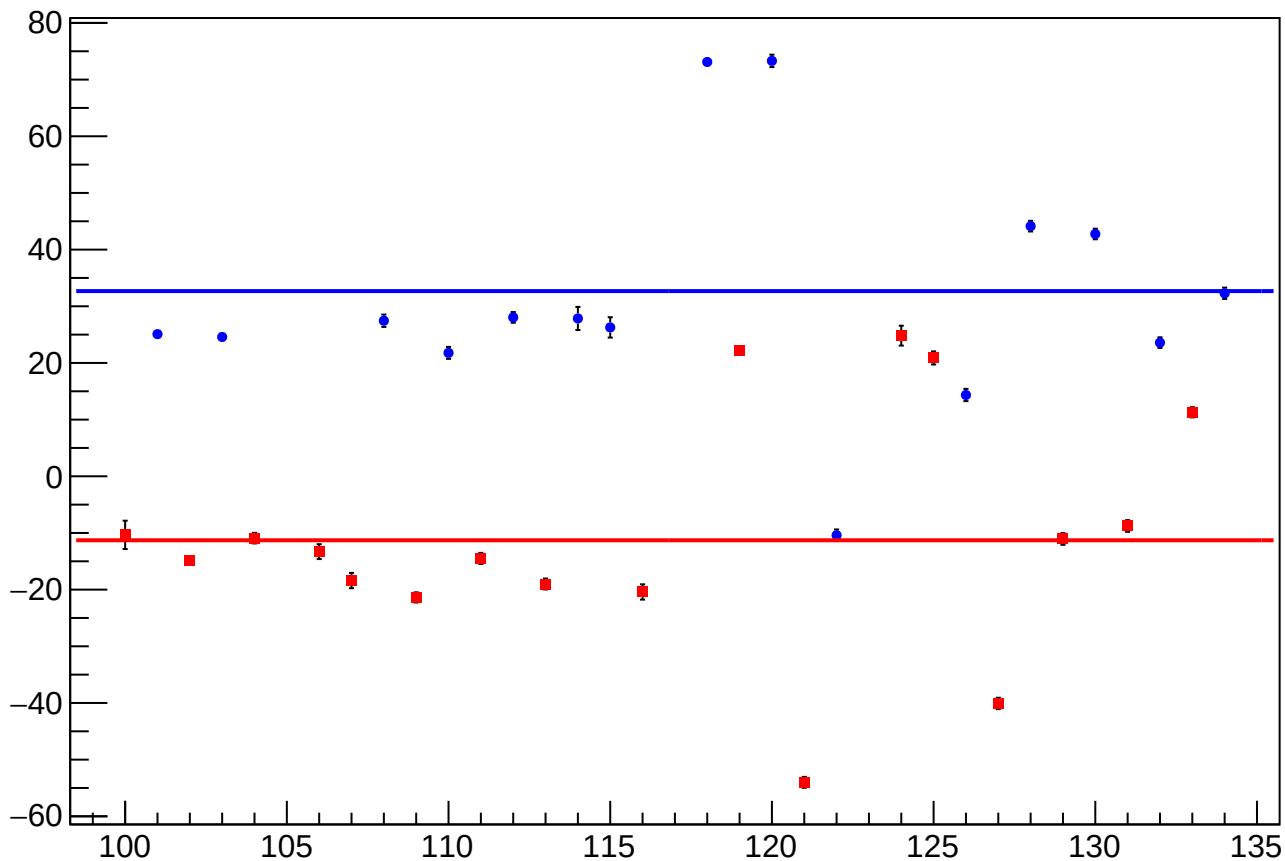
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 784.880 $\pm$ 0.153 χ^2 /NDF: 127476.8/31

- 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: -11.290+/-0.255 χ^2/NDF : 6486.4/16

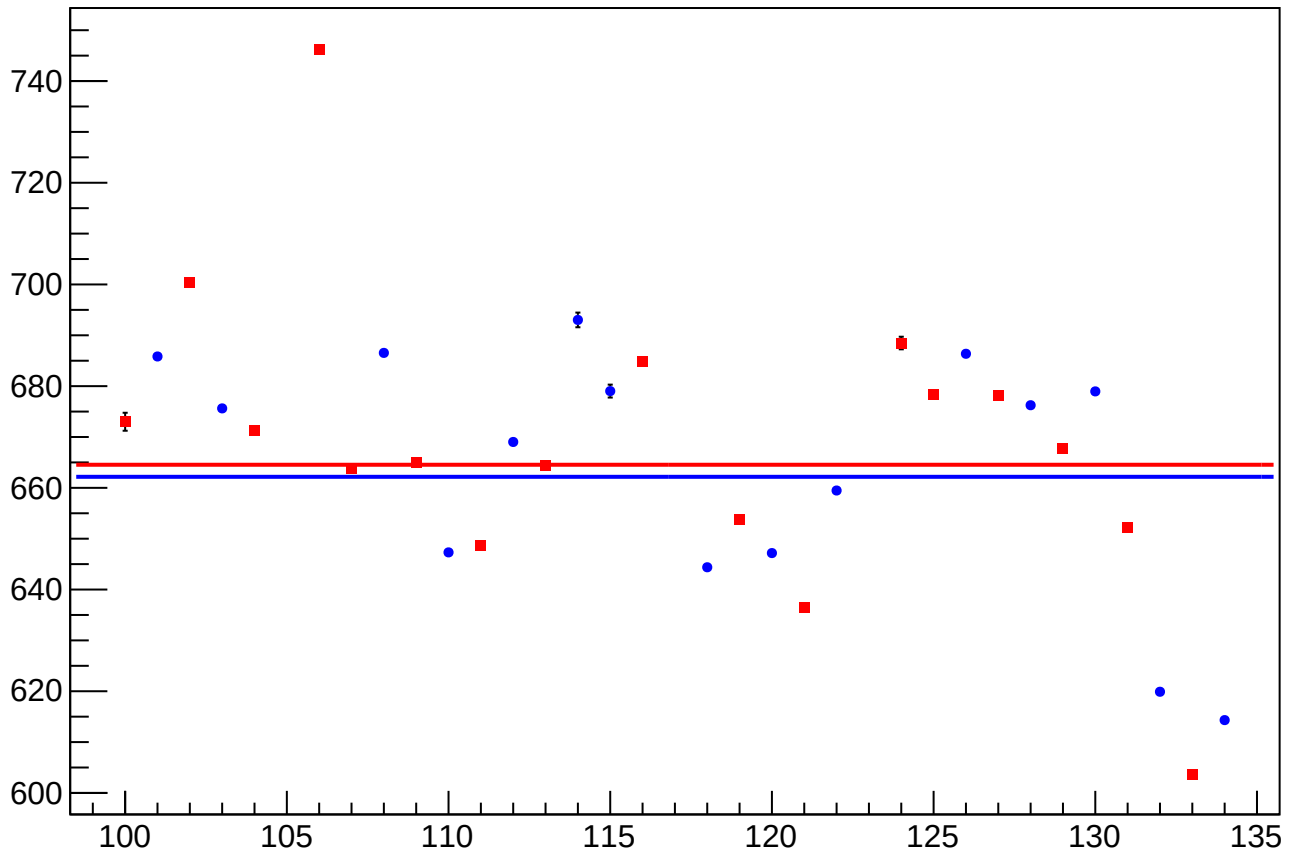
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.035+/-0.183 χ^2/NDF : 27160.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1i04Y_rms vs Slug



Right In: 662.170+/-0.186 χ^2/NDF : 16122.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 664.541+/-0.180 χ^2/NDF : 24871.4/16

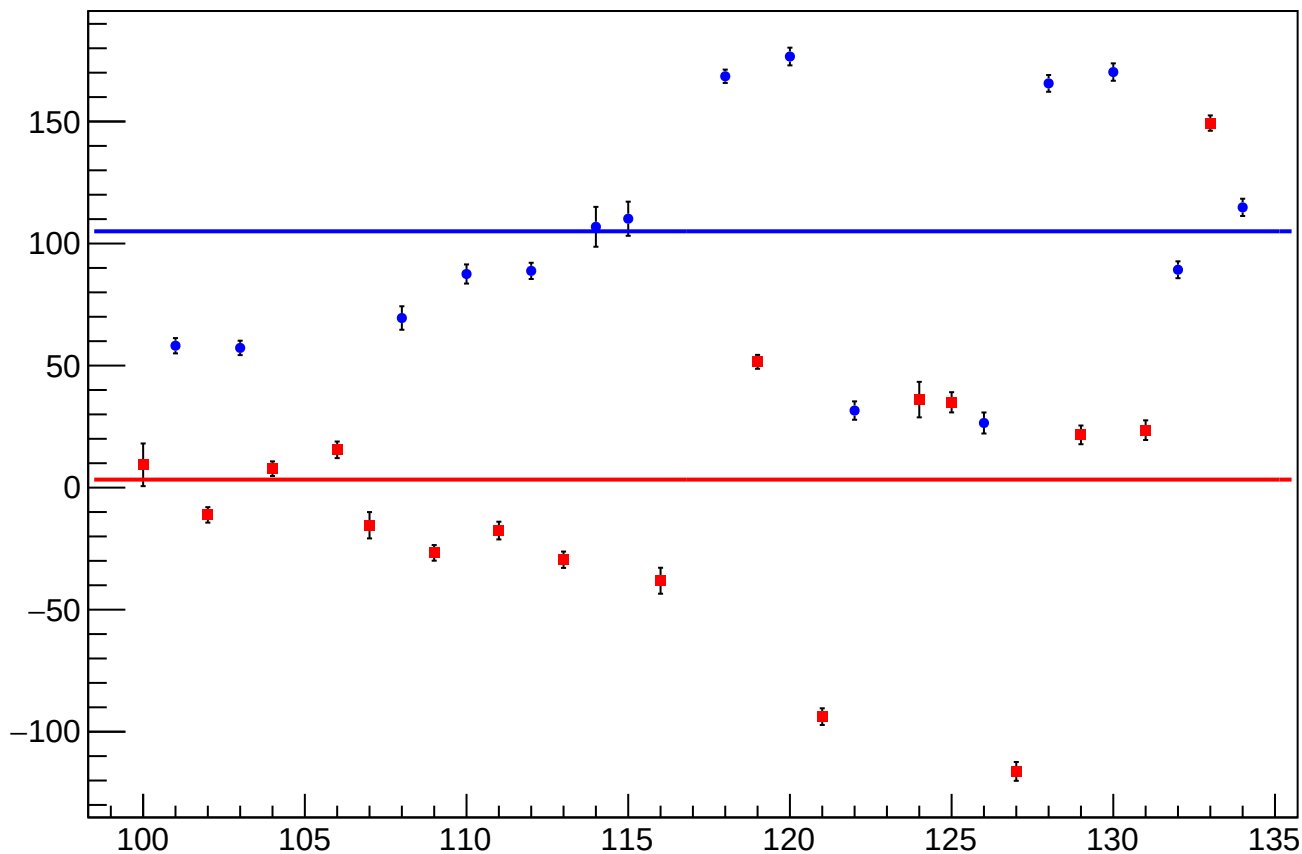
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 663.391+/-0.129 χ^2/NDF : 41077.6/31

- sign 0.000+/-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: 3.286 $\pm$ 0.903 χ^2 /NDF: 4677.7/16

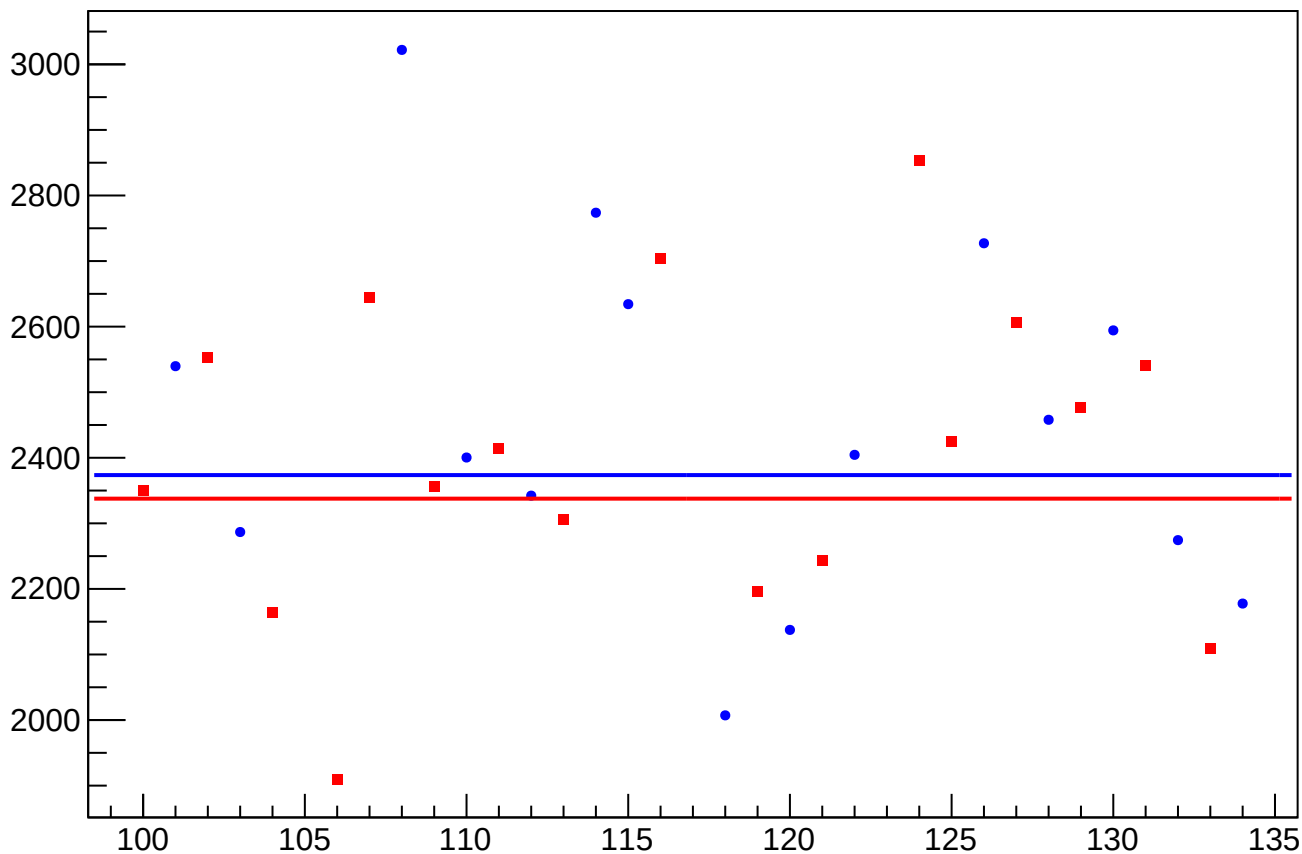
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 51.653 $\pm$ 0.654 χ^2 /NDF: 13610.8/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i06X_rms vs Slug



Right In: 2373.596 $\pm$ 0.671 χ^2 /NDF: 126150.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2337.661 $\pm$ 0.639 χ^2 /NDF: 110056.4/16

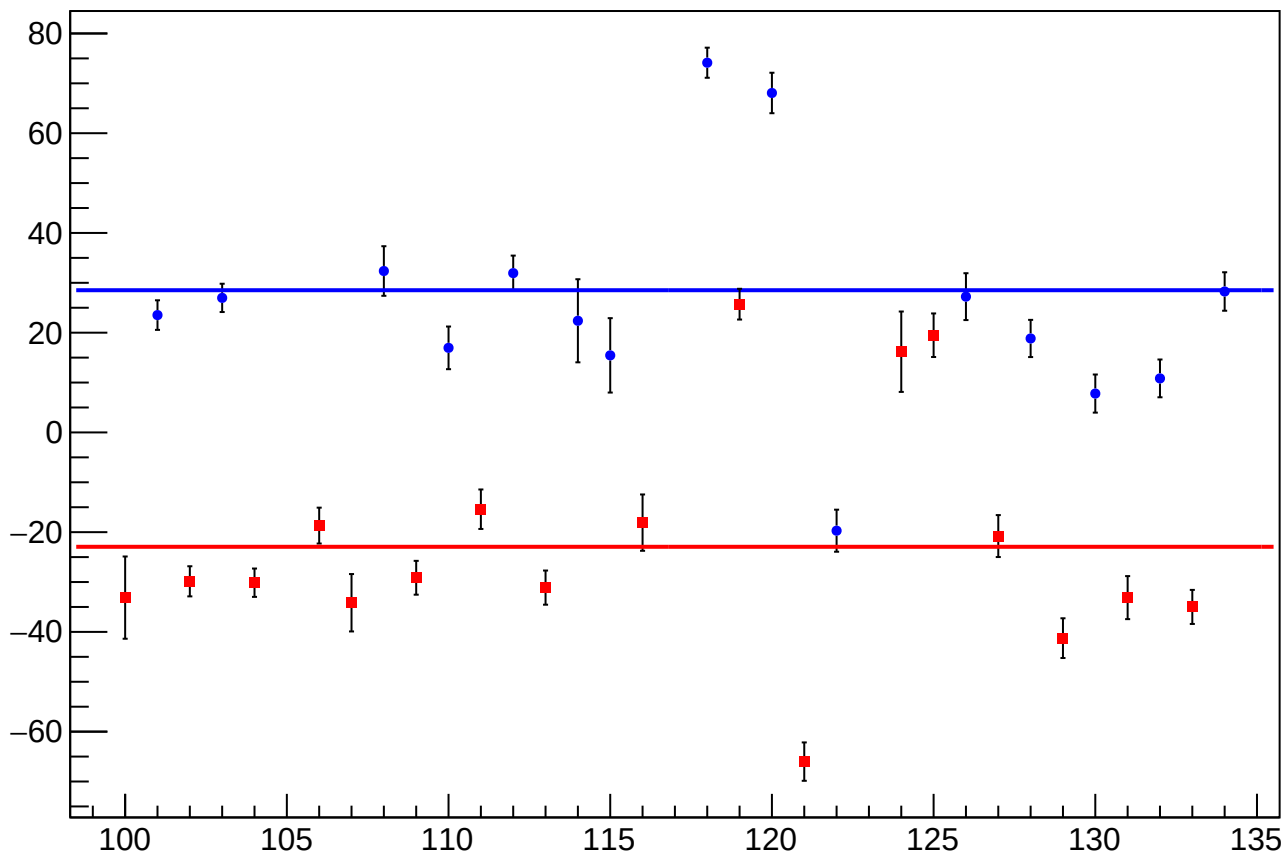
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2354.747 $\pm$ 0.462 χ^2 /NDF: 237712.6/31

- sign 0.000 $\pm$ 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: -22.934+/-0.944 χ^2/NDF : 563.4/16

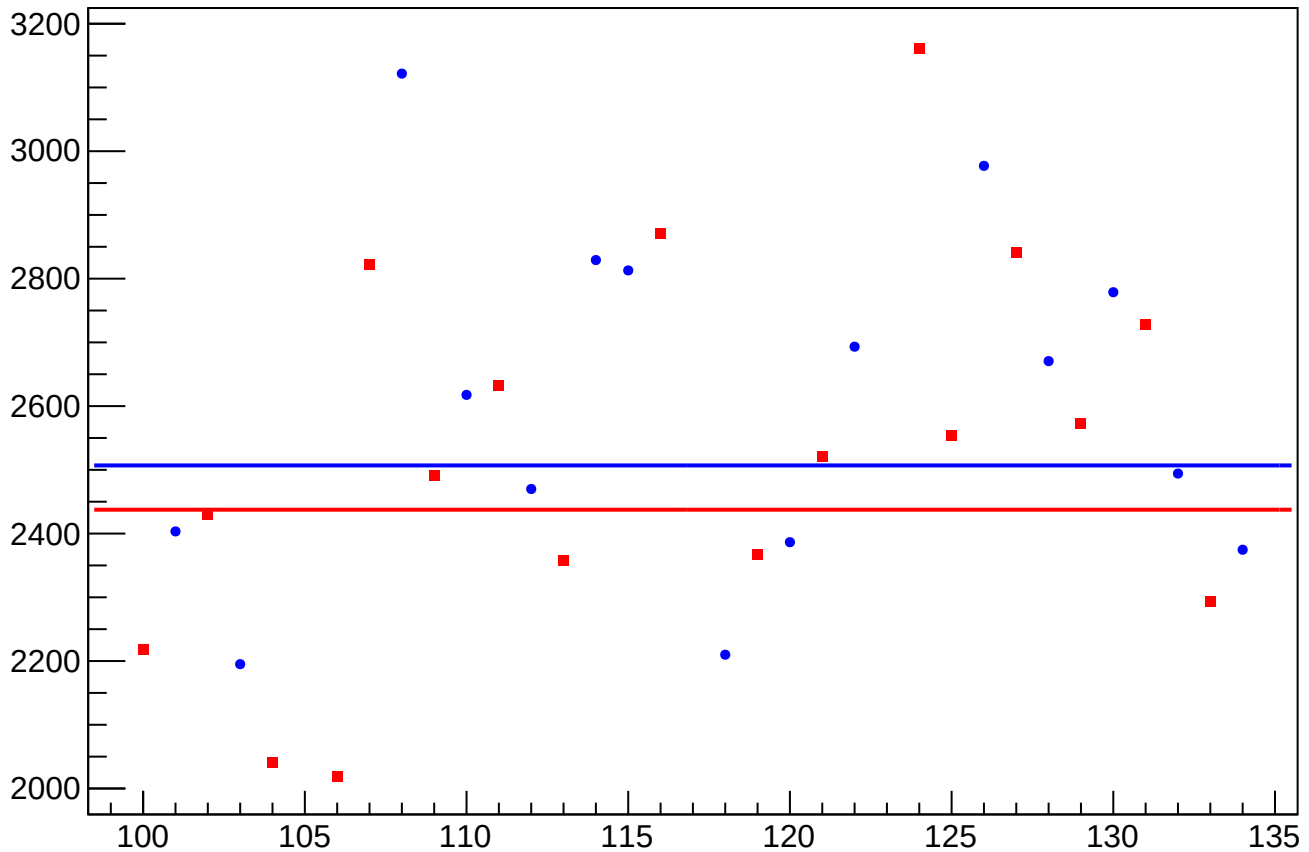
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.254+/-0.687 χ^2/NDF : 2488.0/31

- 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

Right Out: 2437.470+/-0.667 χ^2/NDF : 147399.1/16

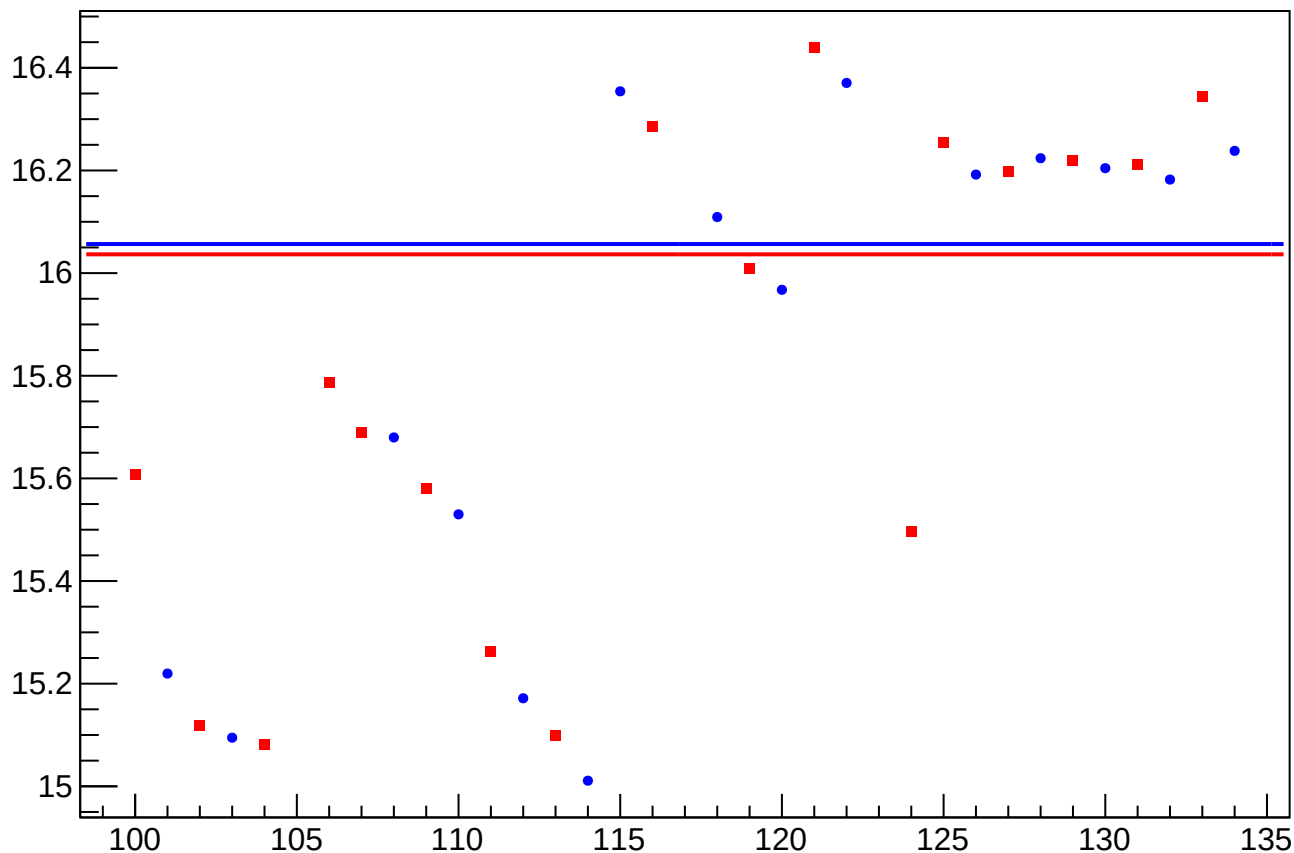
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2470.127+/-0.486 χ^2/NDF : 279008.4/31

- sign 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

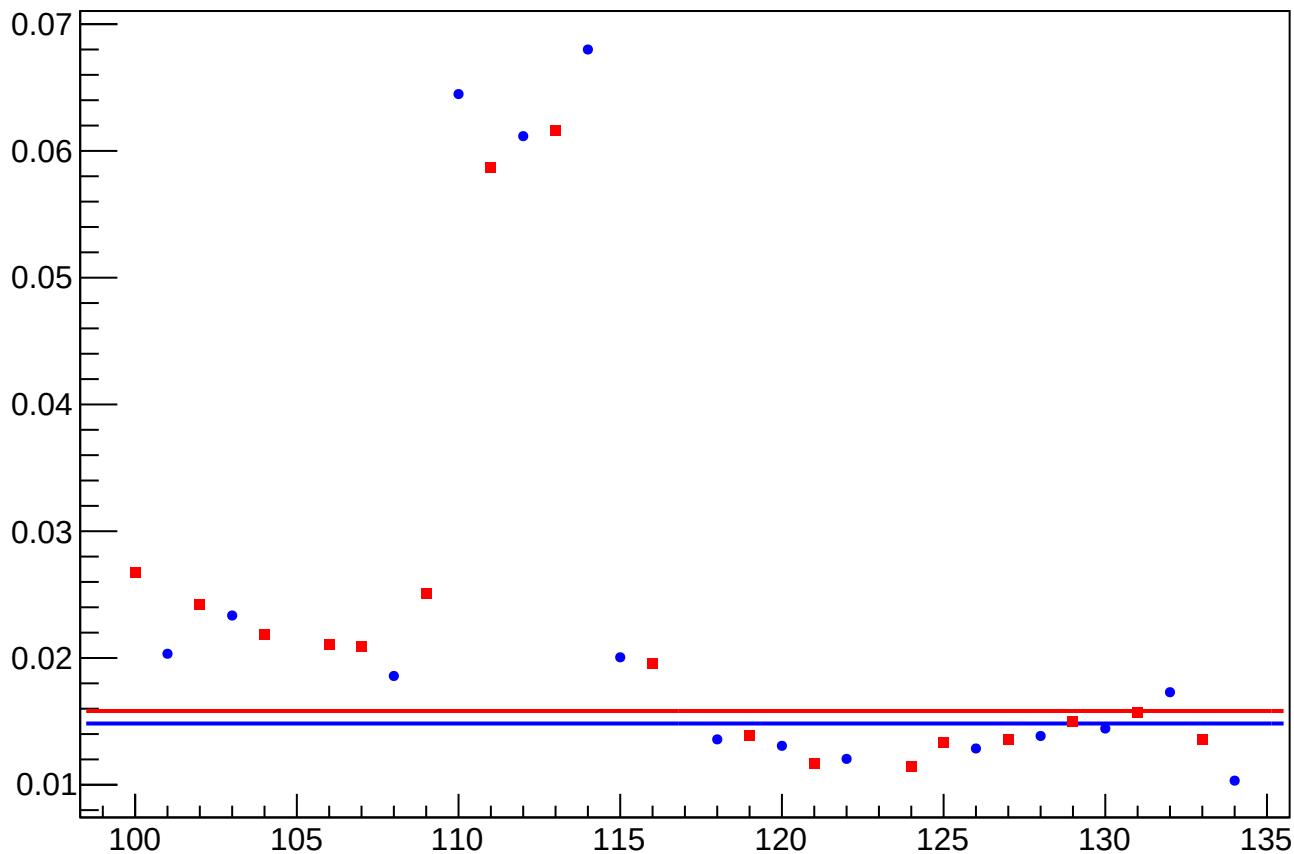
Right Out: 16.037+/-0.000 χ^2/NDF : 3519657877.1/16

All: 16.047+/-0.000 χ^2/NDF : 6351787638.7/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam1_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF : 1567018.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 1592271.9/16

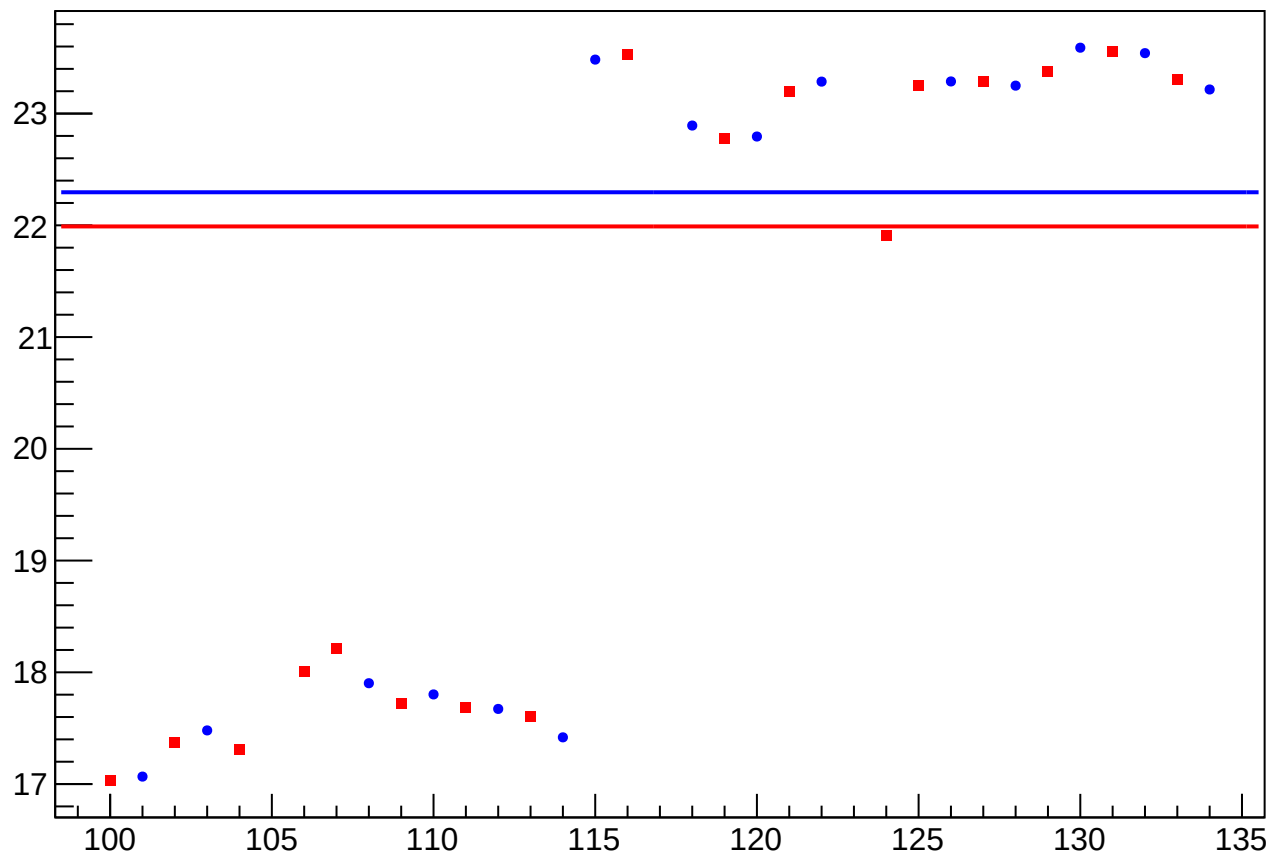
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 3180919.2/31

- sign 0.000+/-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: 21.990+/-0.000 χ^2/NDF : 1094463255.6/16

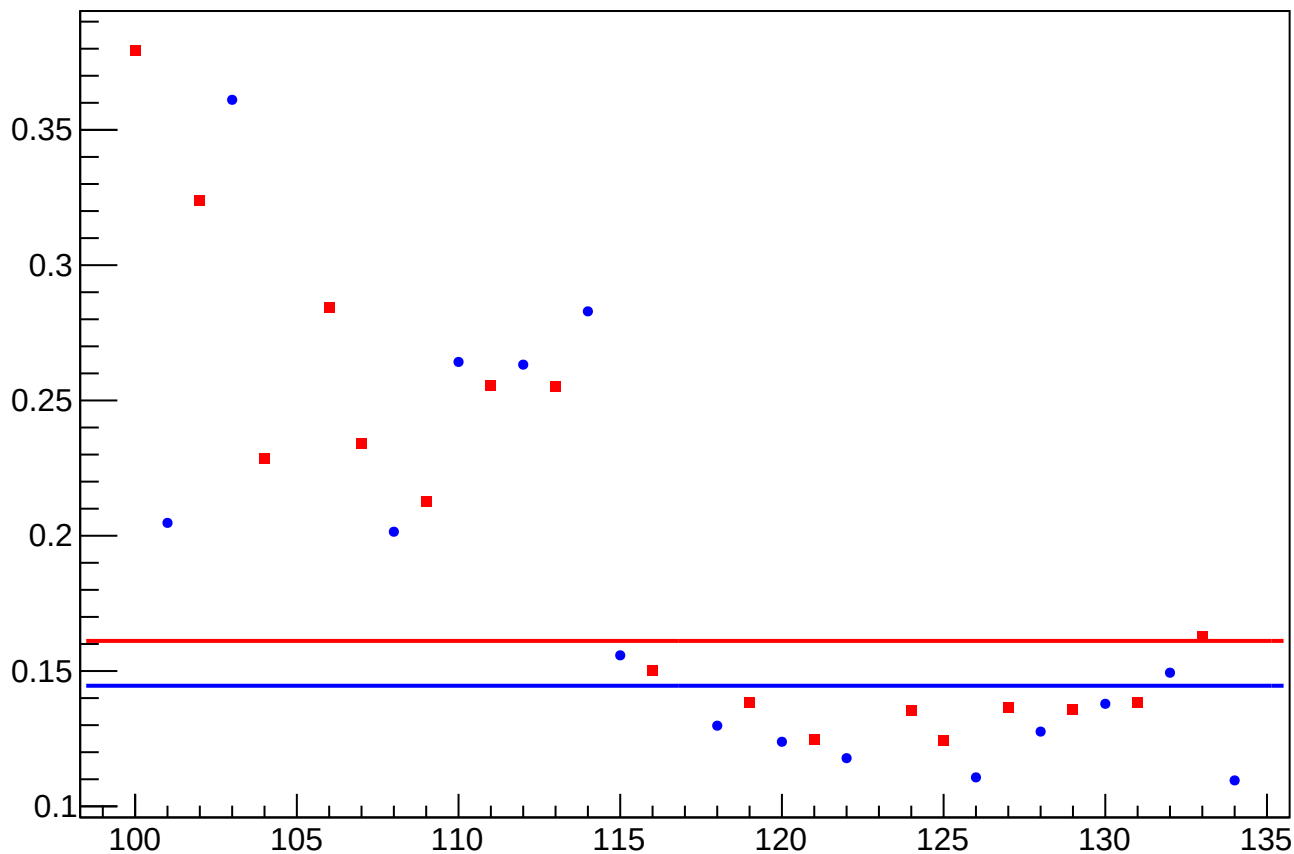
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.153+/-0.000 χ^2/NDF : 2179057871.8/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam2_rms vs Slug



Right In: 0.145 $\pm$ 0.000 χ^2 /NDF: 1157076.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.161 $\pm$ 0.000 χ^2 /NDF: 1066426.7/16

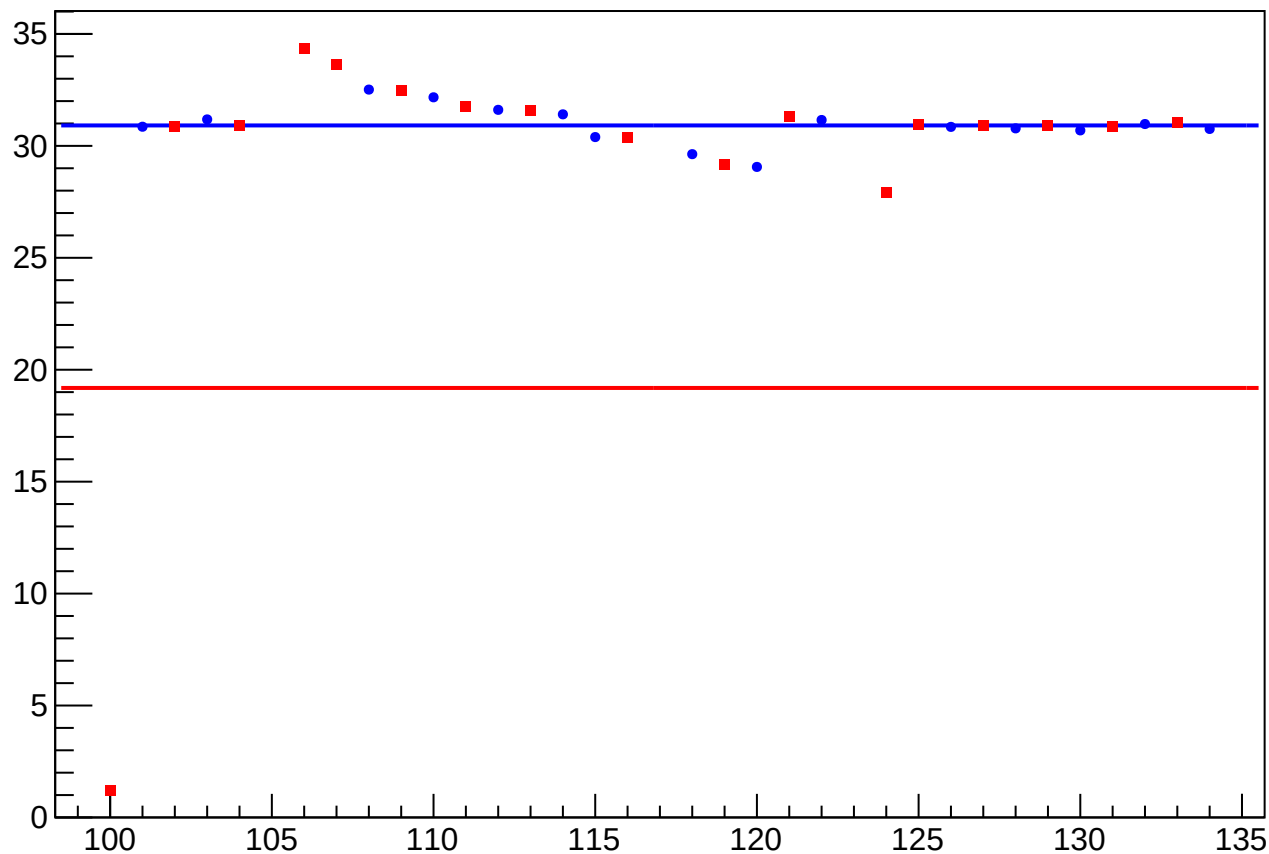
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.152 $\pm$ 0.000 χ^2 /NDF: 2284080.1/31

- sign 0.000 $\pm$ 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

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

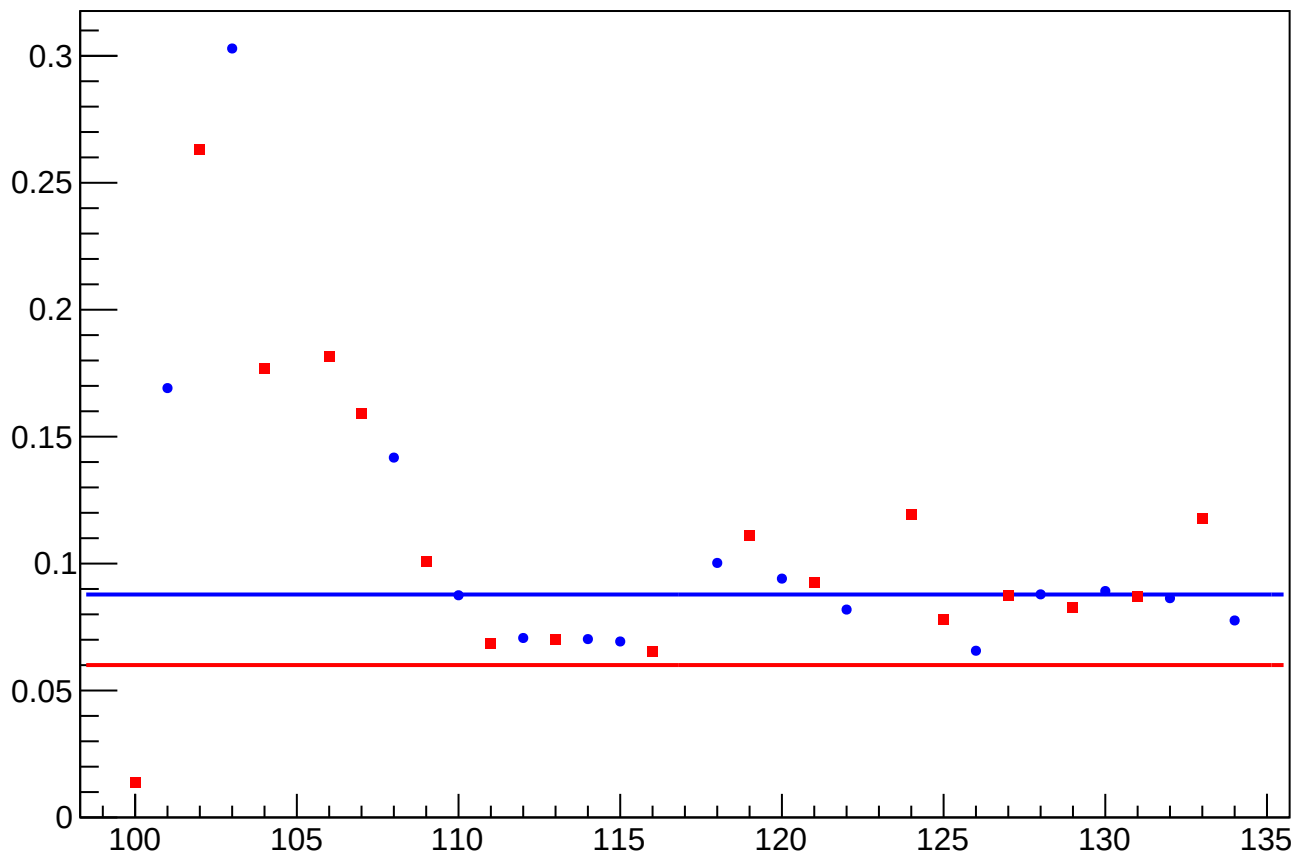
Right Out: 19.186+/-0.000 χ^2 /NDF: 210819952325.5/16

All: 23.664+/-0.000 χ^2 /NDF: 262548787524.

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 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: 0.060 $\pm$ 0.000 χ^2 /NDF: 3984028.0/16

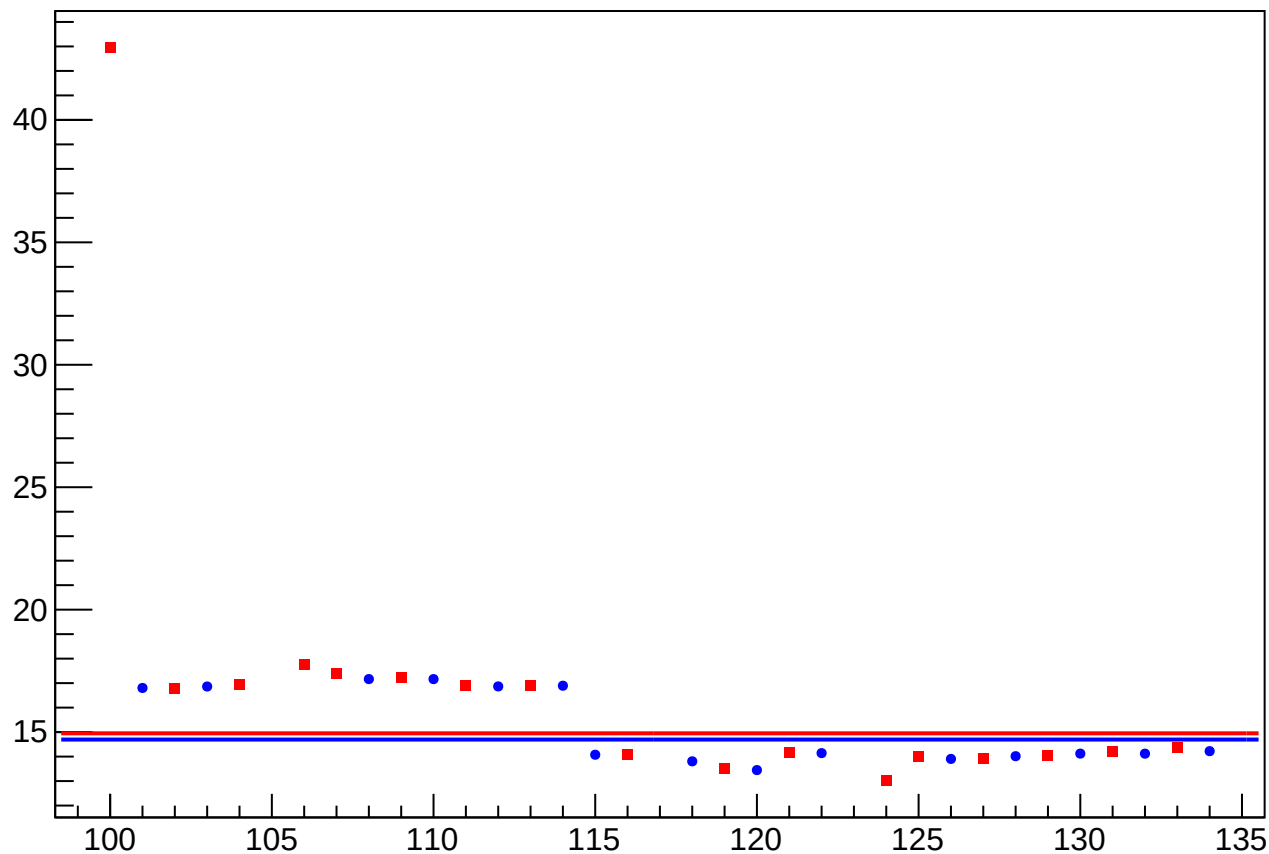
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.071 $\pm$ 0.000 χ^2 /NDF: 5666255.9/31

- 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: 14.951+/-0.000 χ^2/NDF : 1706723989.2/16

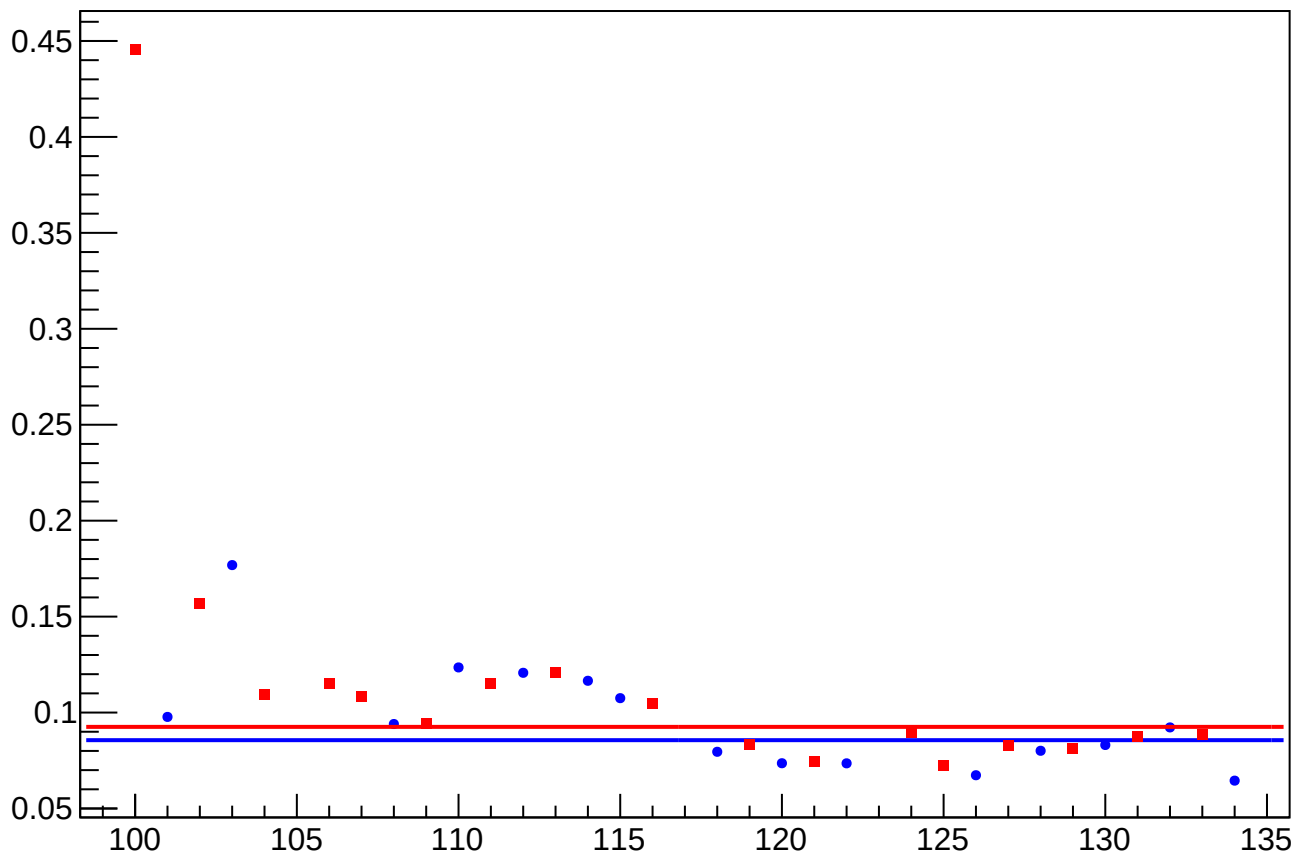
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.818+/-0.000 χ^2/NDF : 2915101839.3/3

- 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: 0.093 $\pm$ 0.000 χ^2 /NDF: 553735.5/16

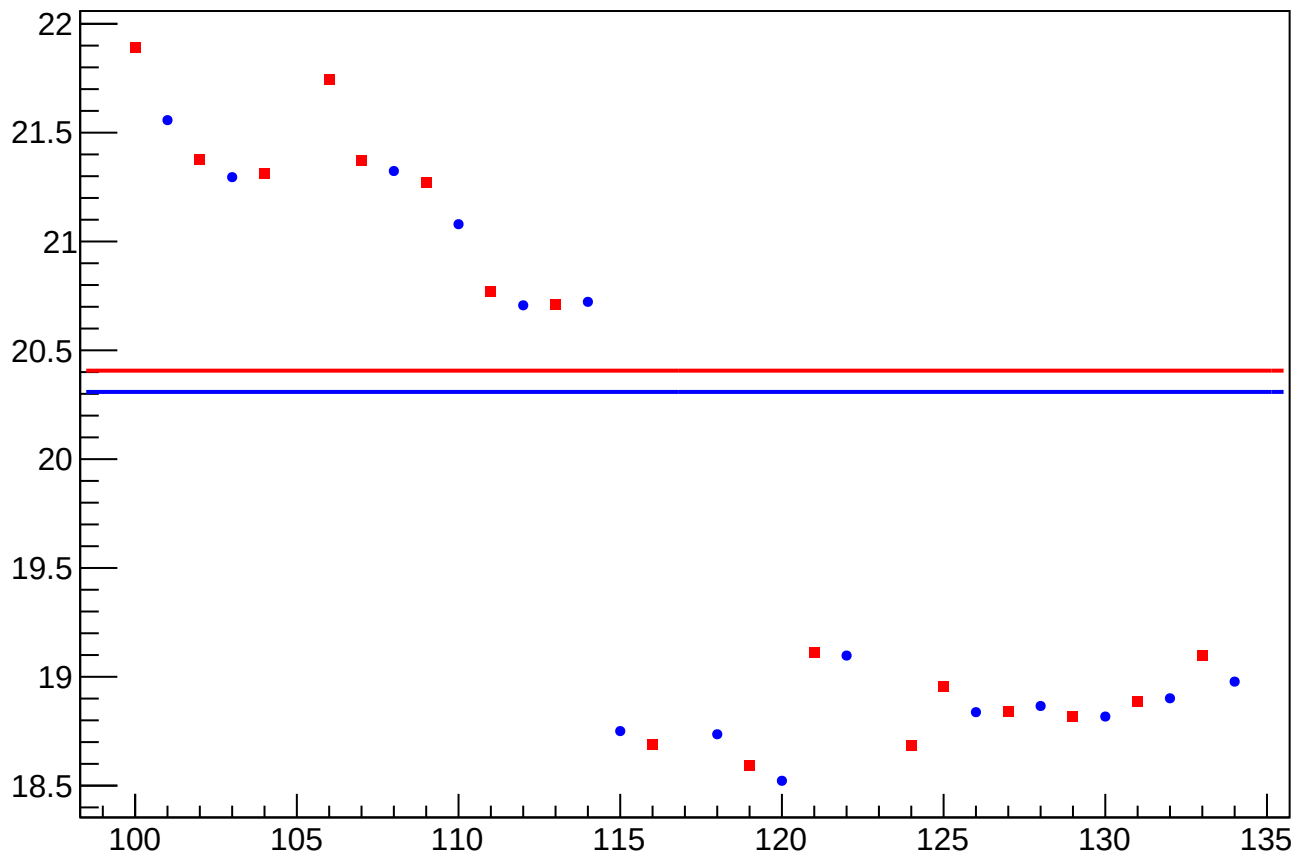
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.089 $\pm$ 0.000 χ^2 /NDF: 1251623.6/31

- 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: 20.407+/-0.000 χ^2/NDF : 8250475569.8/16

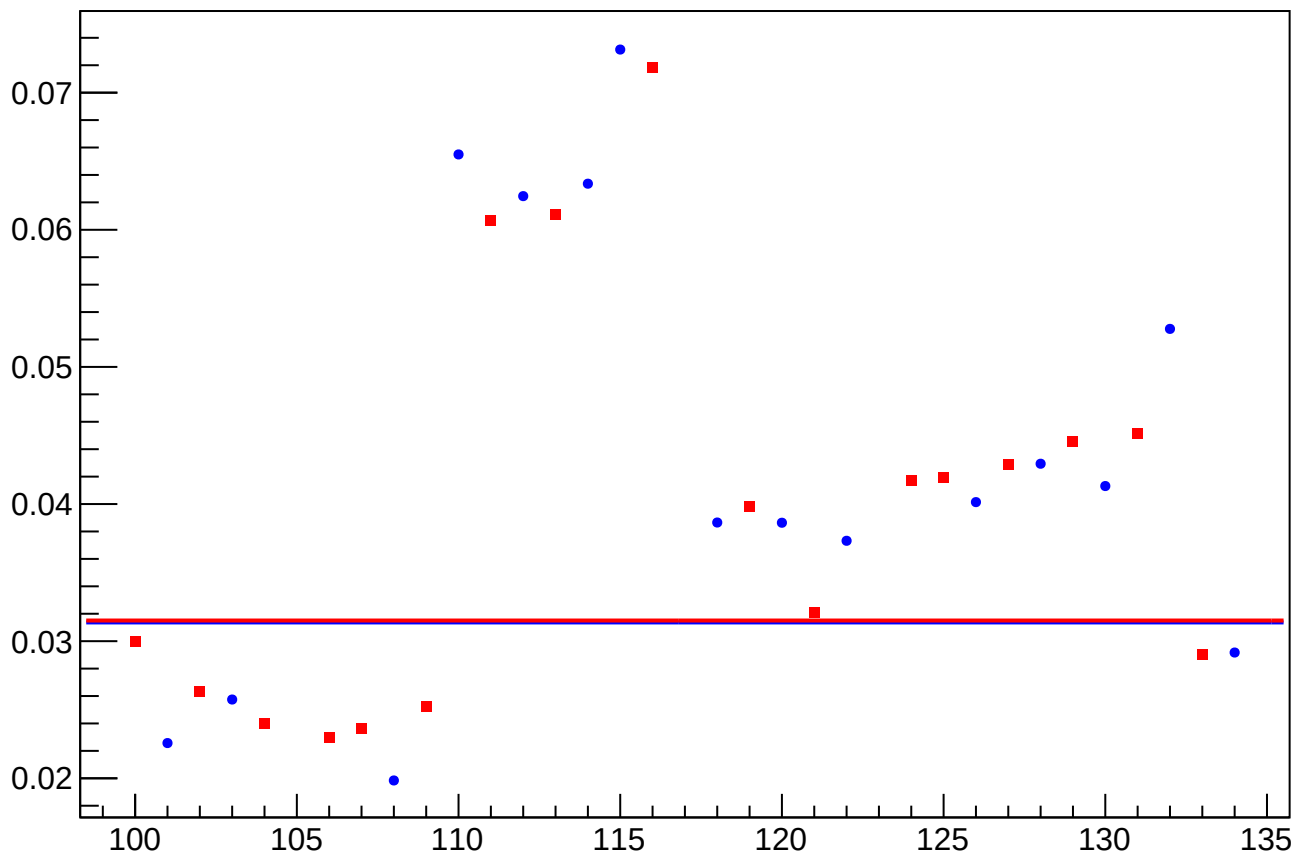
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.359+/-0.000 χ^2/NDF : 16553929809.3

- 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: 0.032+/-0.000 χ^2/NDF : 1173158.9/16

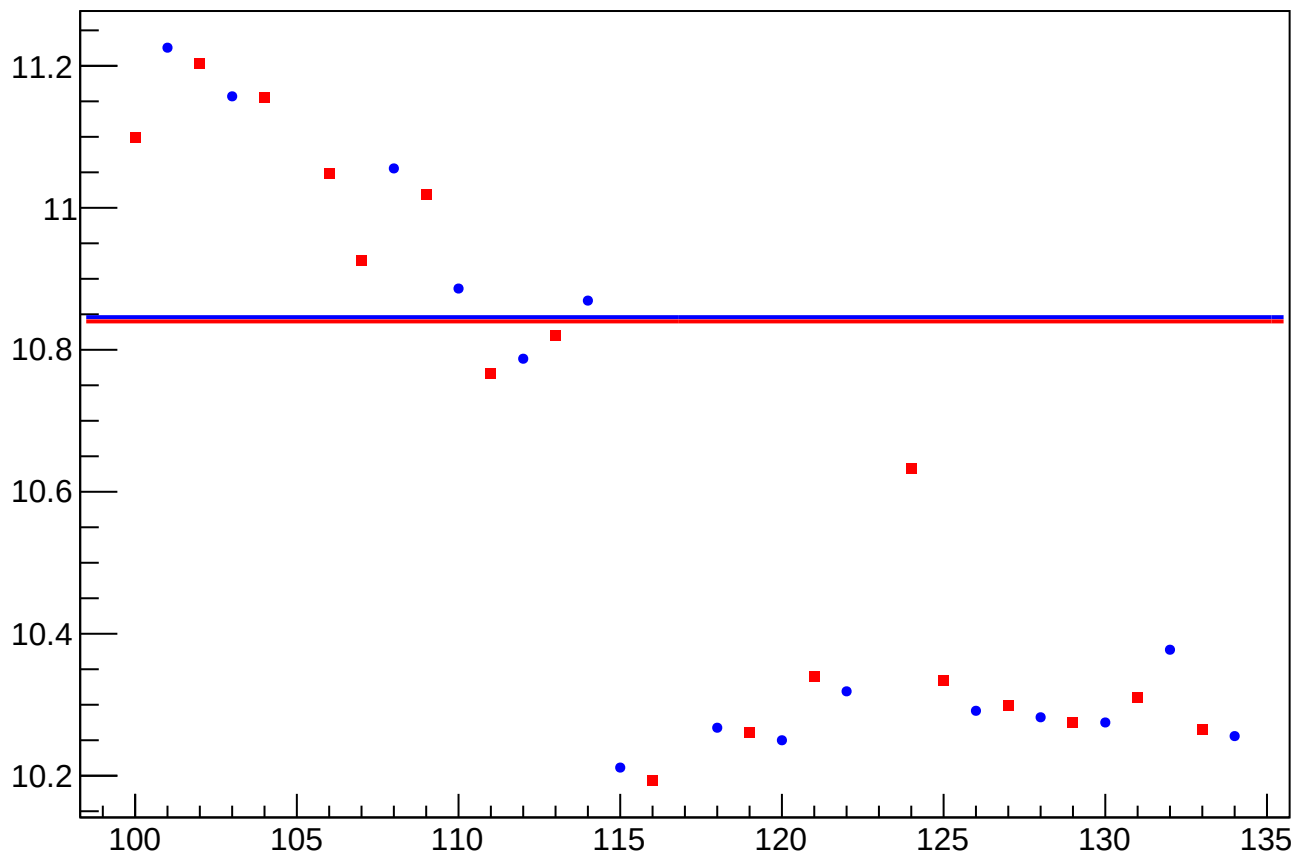
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.000 χ^2/NDF : 2557270.9/31

- 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: 10.840+/-0.000 χ^2/NDF : 2983871417.0/16

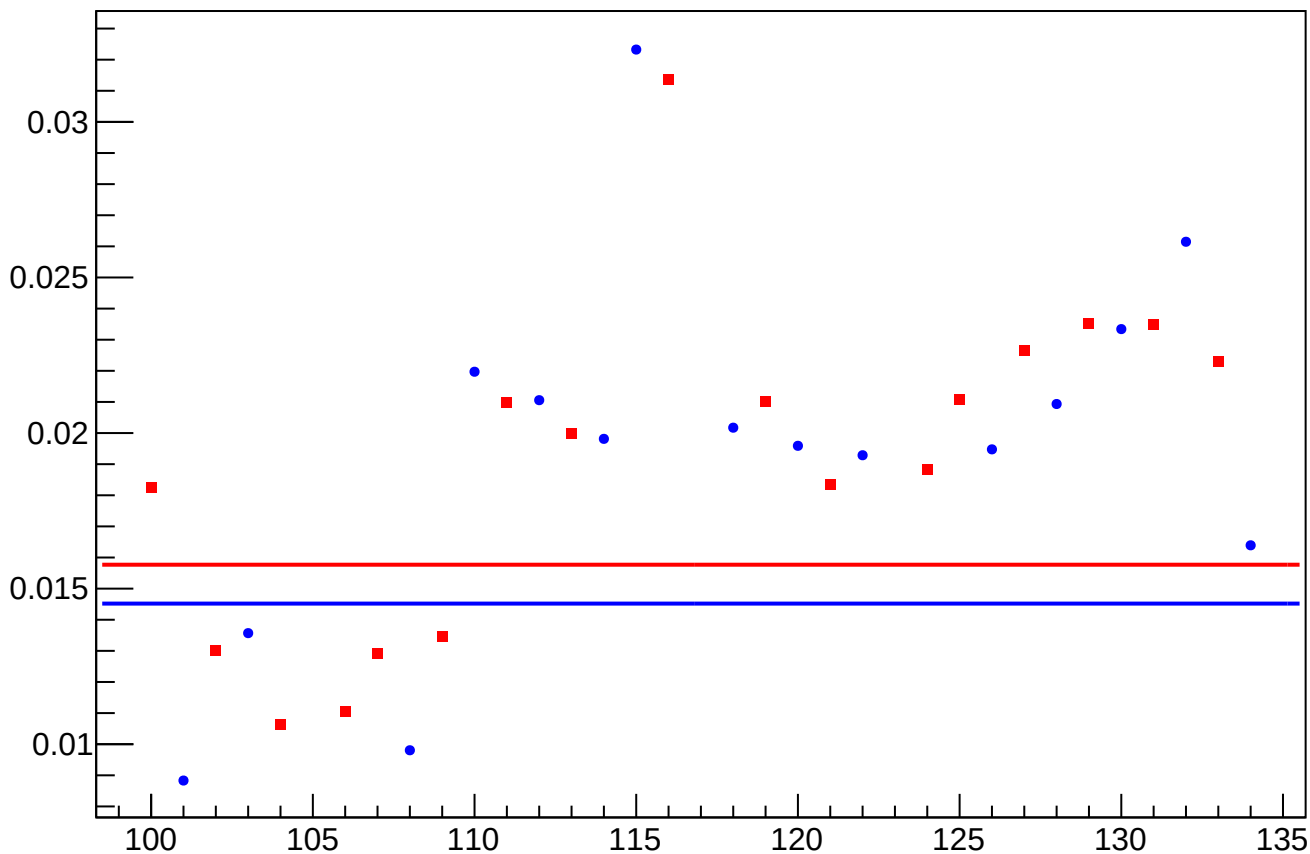
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.843+/-0.000 χ^2/NDF : 6950205991.2/3

- 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 : 1058527.0/16

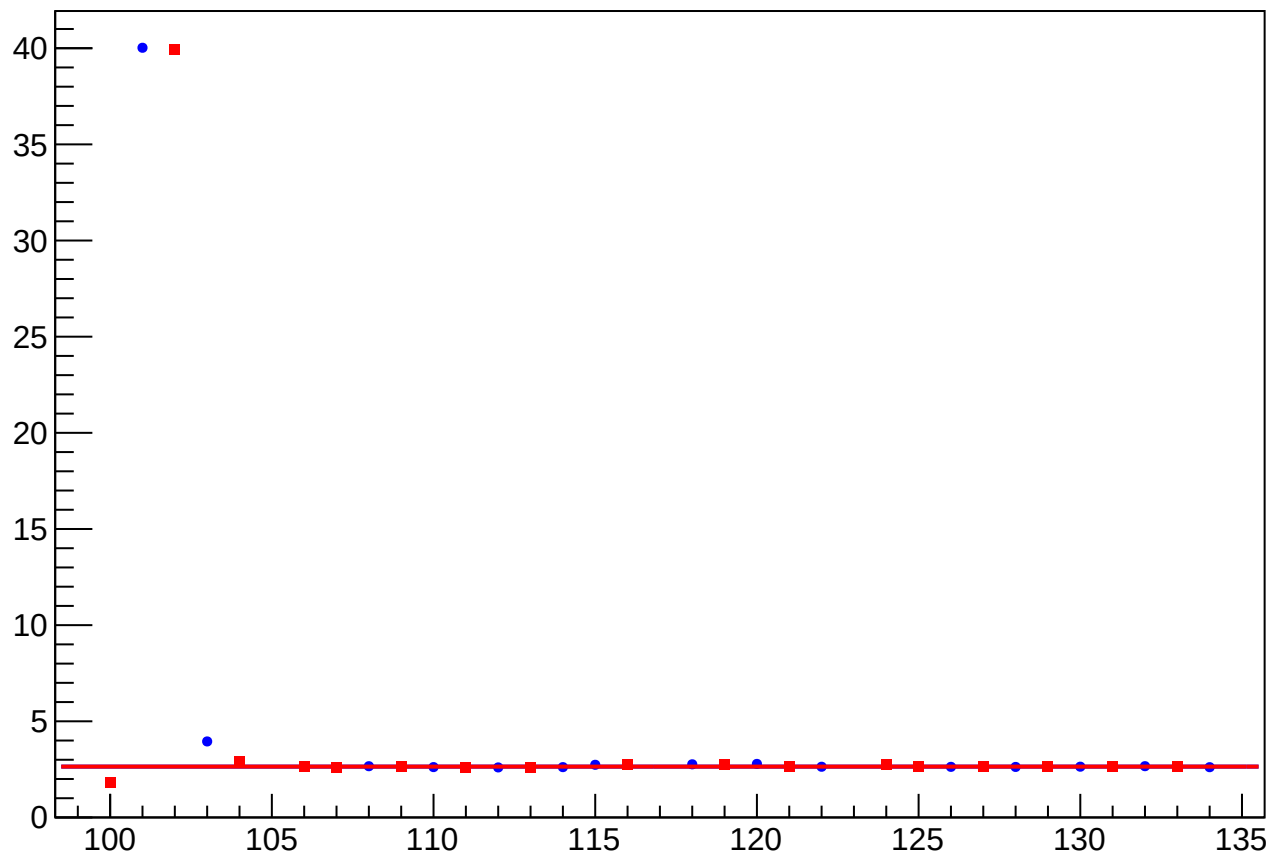
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 2567171.5/31

- 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: 2.644+/-0.000 χ^2/NDF : 63180860093.8/16

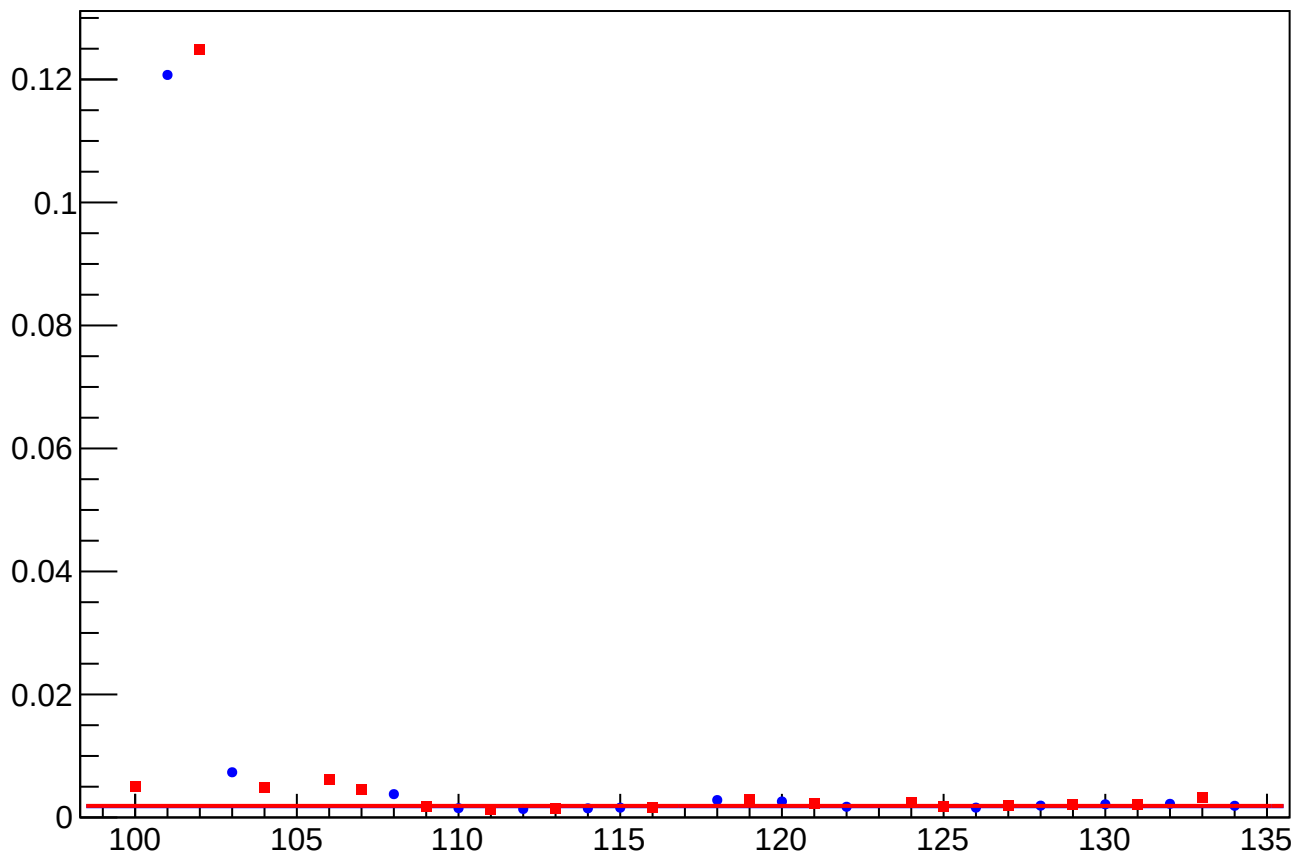
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.644+/-0.000 χ^2/NDF : 127903290917.1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam7_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 1821725.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2517343.3/16

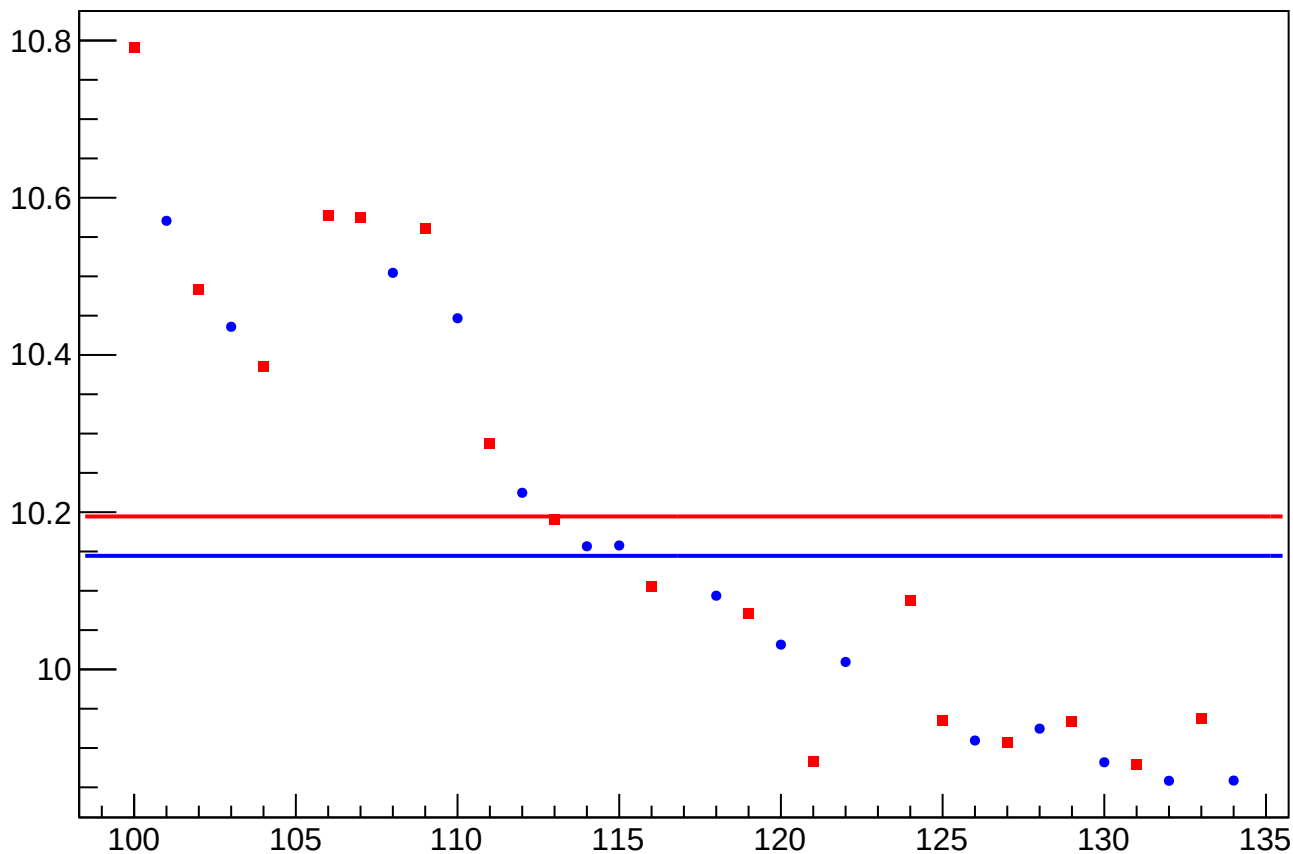
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4343517.2/31

- sign 0.000+/-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

Right Out: 10.195+/-0.000 χ^2/NDF : 7937666139.8/16

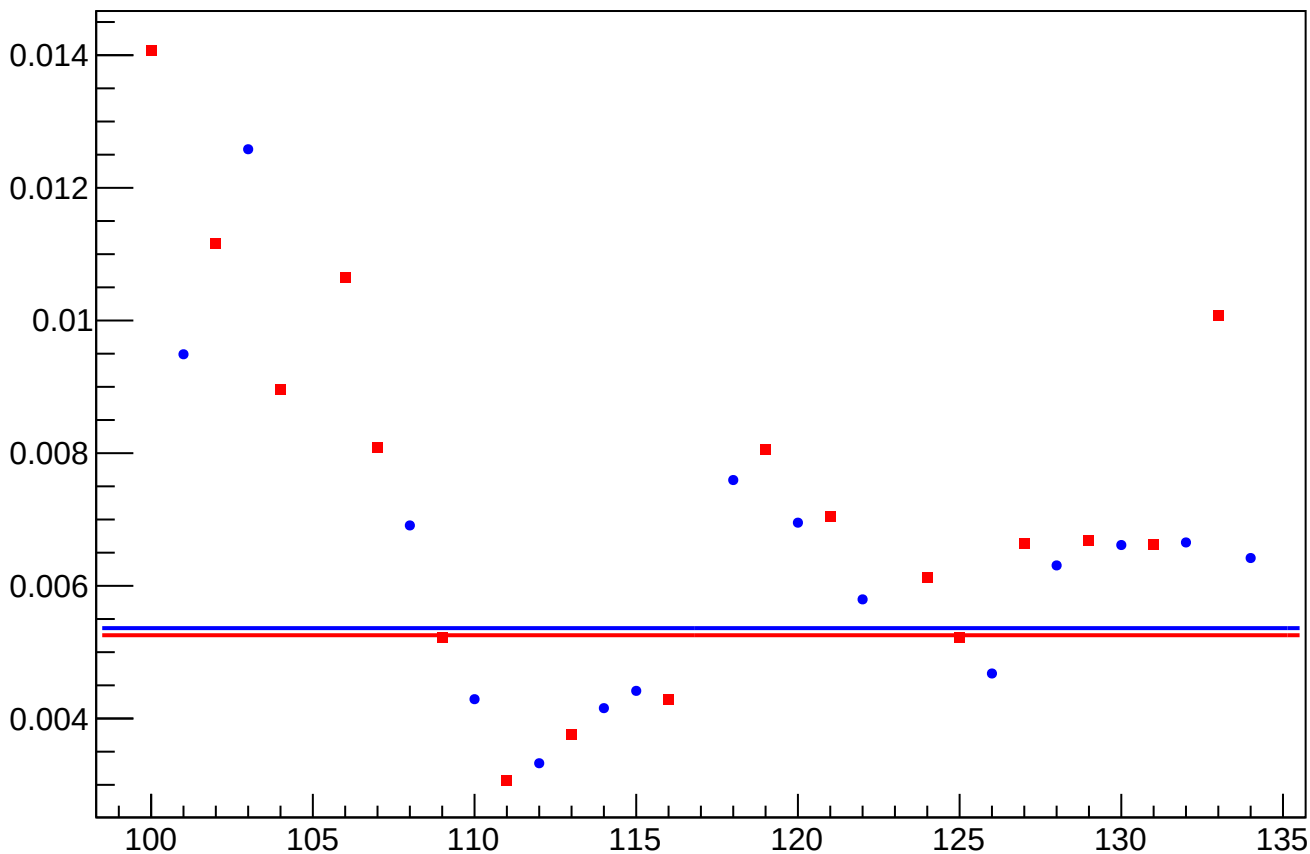
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.171+/-0.000 χ^2/NDF : 15698374245.2

- sign 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 : 1780088.4/16

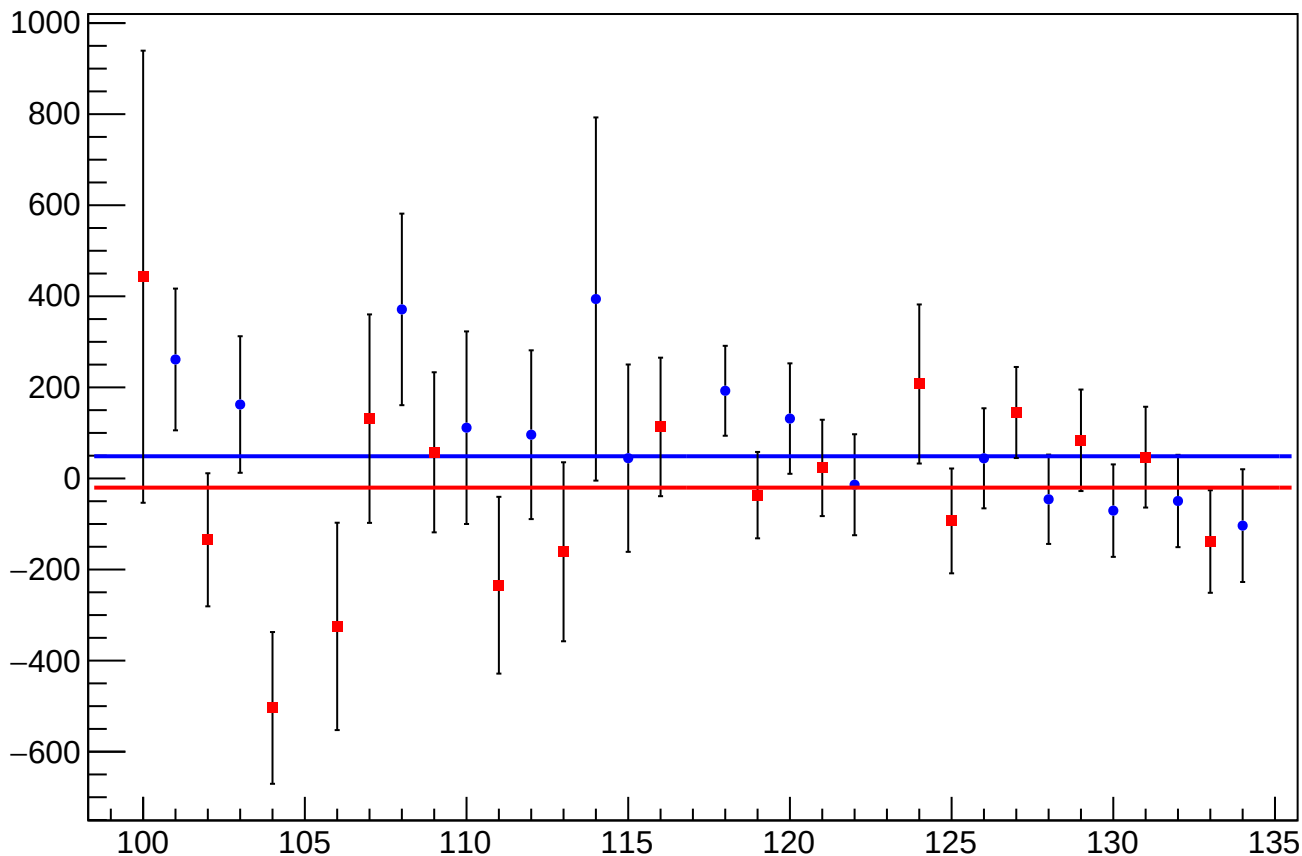
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 0.005 +/- 0.000 χ^2/NDF : 3043377.1/31

- 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: -20.126 $\pm$ 33.277 χ^2 /NDF: 22.2/16

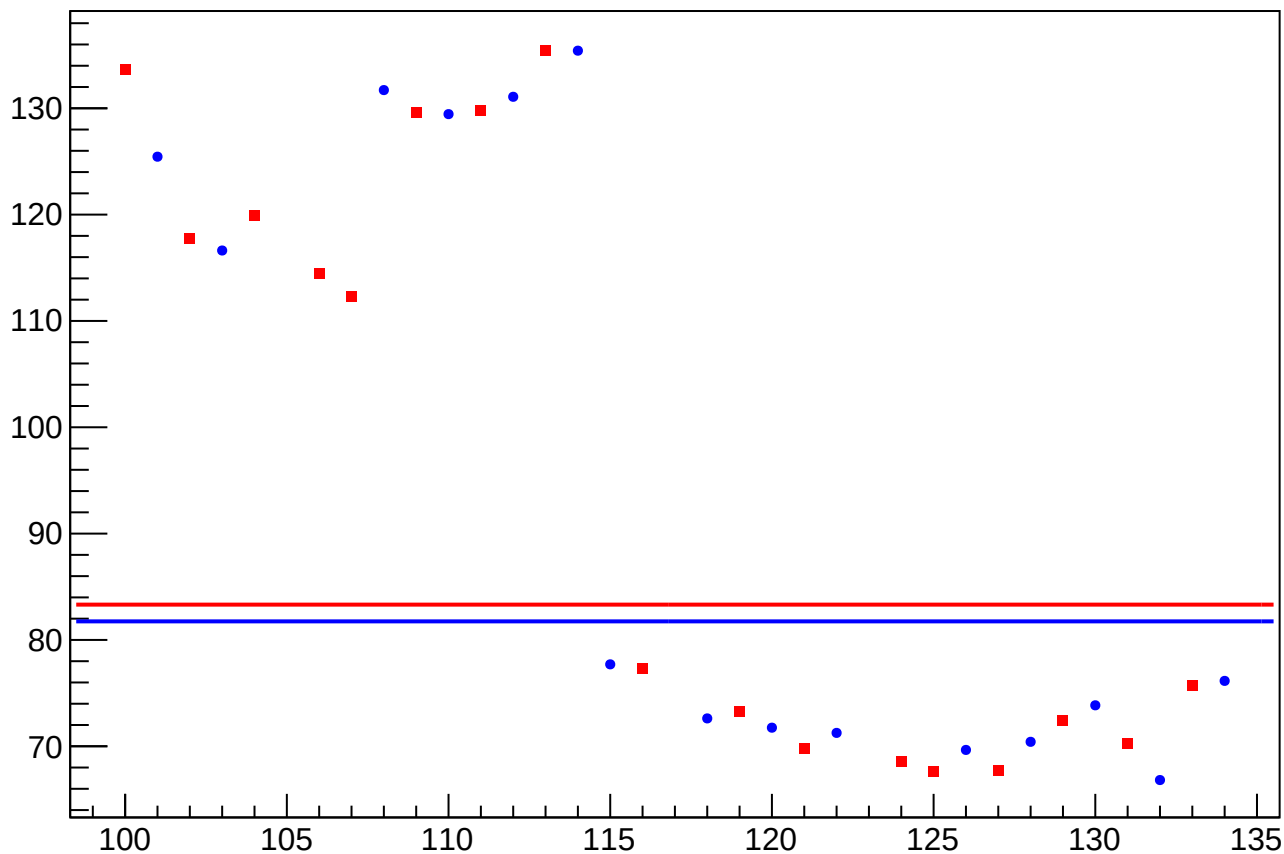
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.019 $\pm$ 23.629 χ^2 /NDF: 37.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam1_rms vs Slug



Right In: 81.746+/-0.024 χ^2/NDF : 818296.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.321+/-0.024 χ^2/NDF : 906314.9/16

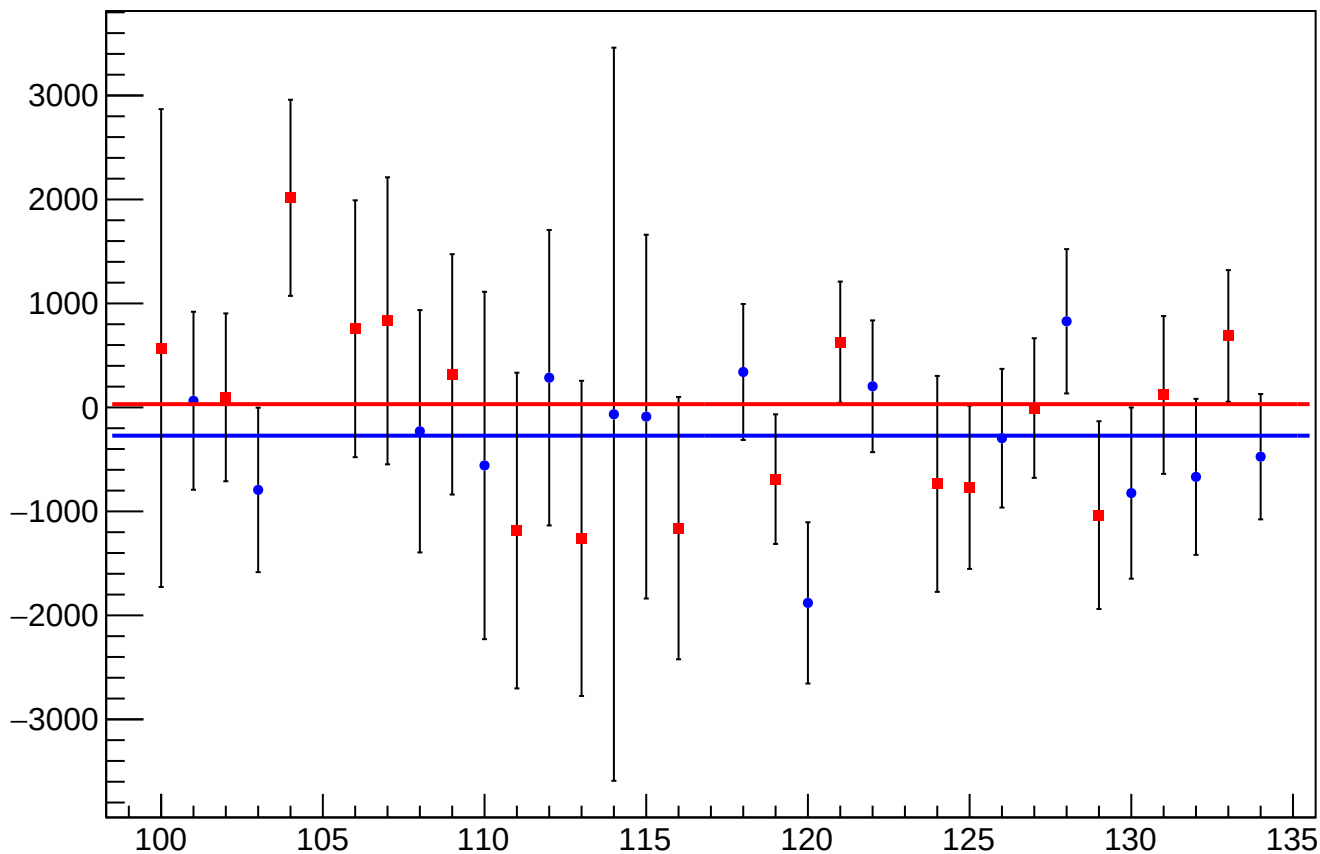
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.540+/-0.017 χ^2/NDF : 1726831.5/31

- sign 0.000+/-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: 31.348 ± 213.124 χ^2/NDF : 13.9/16

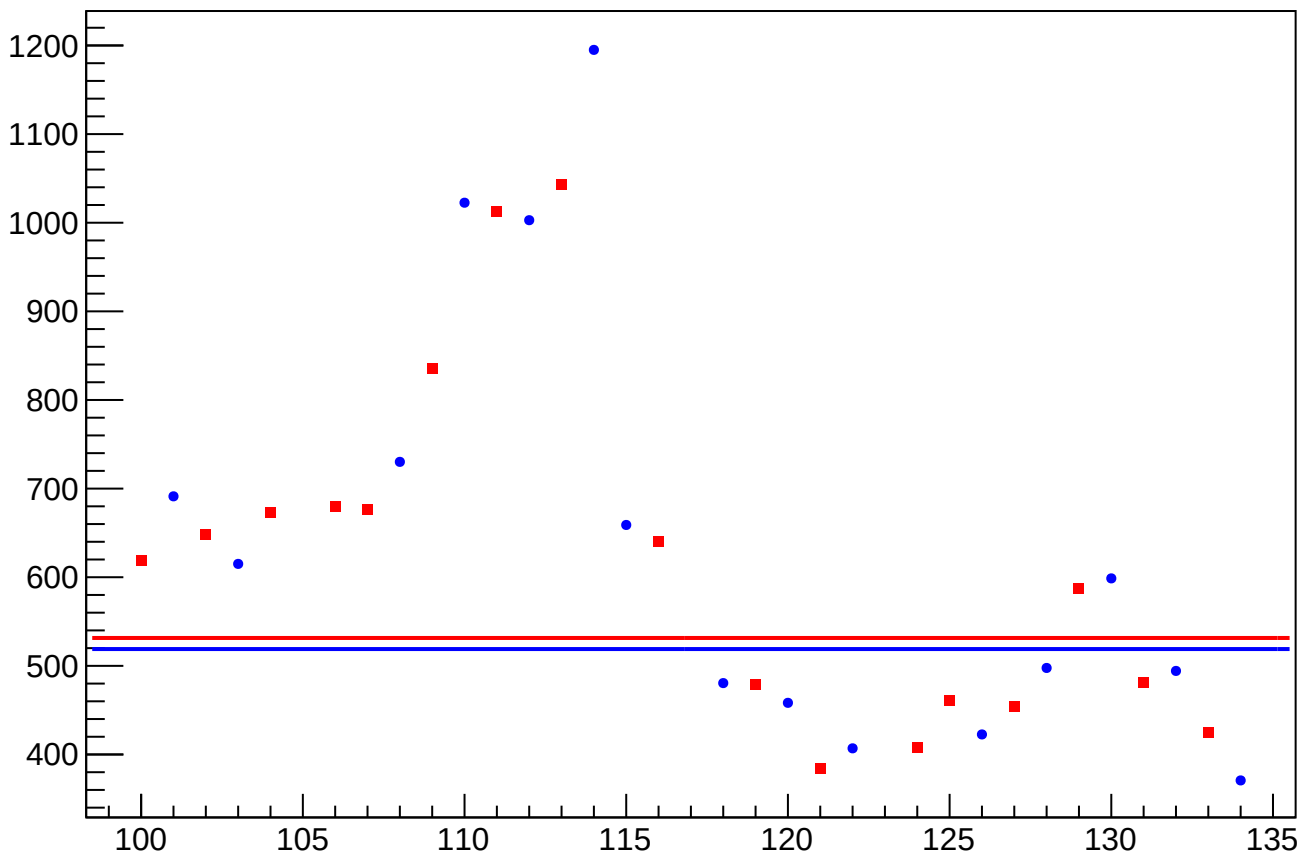
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -119.298 ± 151.108 χ^2/NDF : 24.8/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam1_reg_correction_rms vs Slug



Right In: 518.960+/-0.152 χ^2/NDF : 943508.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 531.467+/-0.151 χ^2/NDF : 1009747.3/16

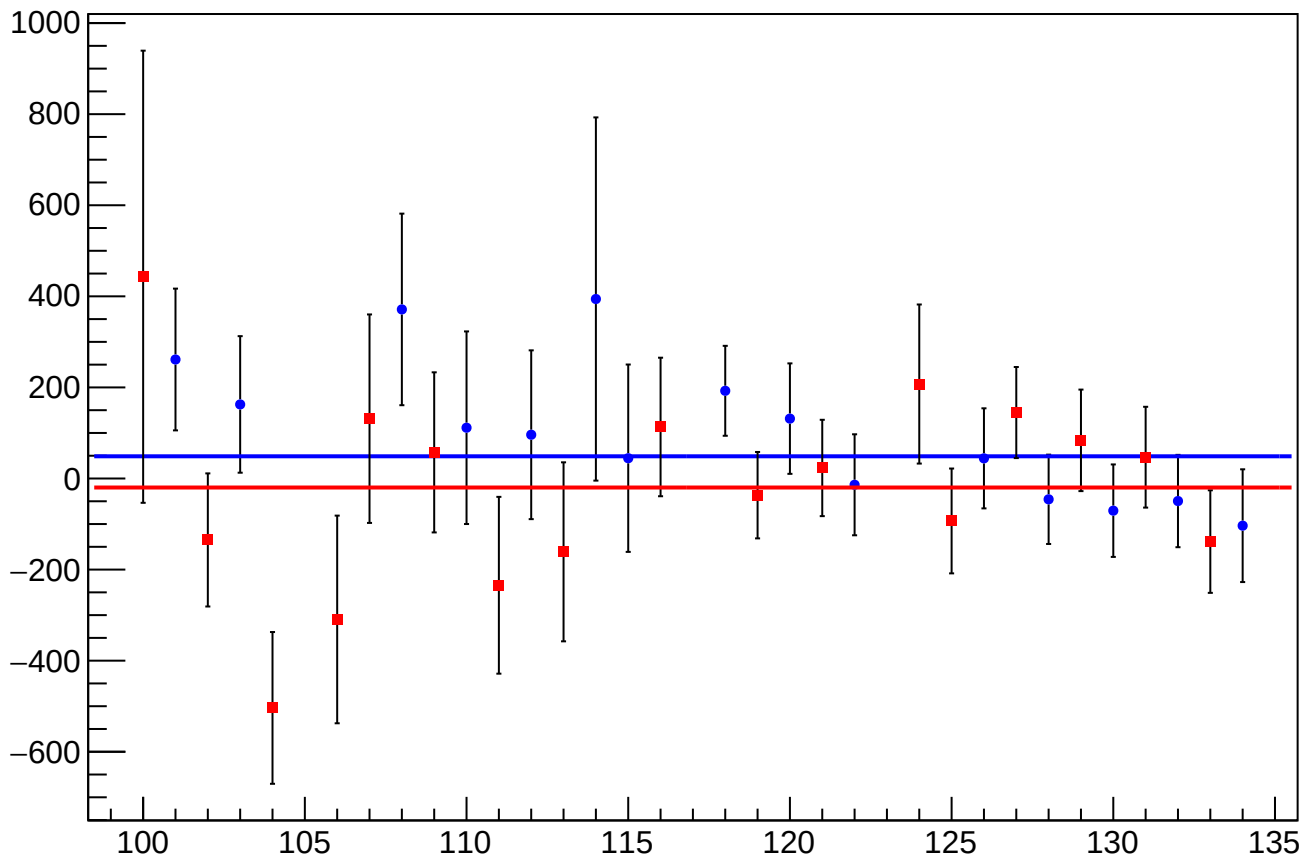
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 525.247+/-0.107 χ^2/NDF : 1956681.4/31

- sign 0.000+/-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: -19.790 $\pm$ 33.278 χ^2 /NDF: 22.0/16

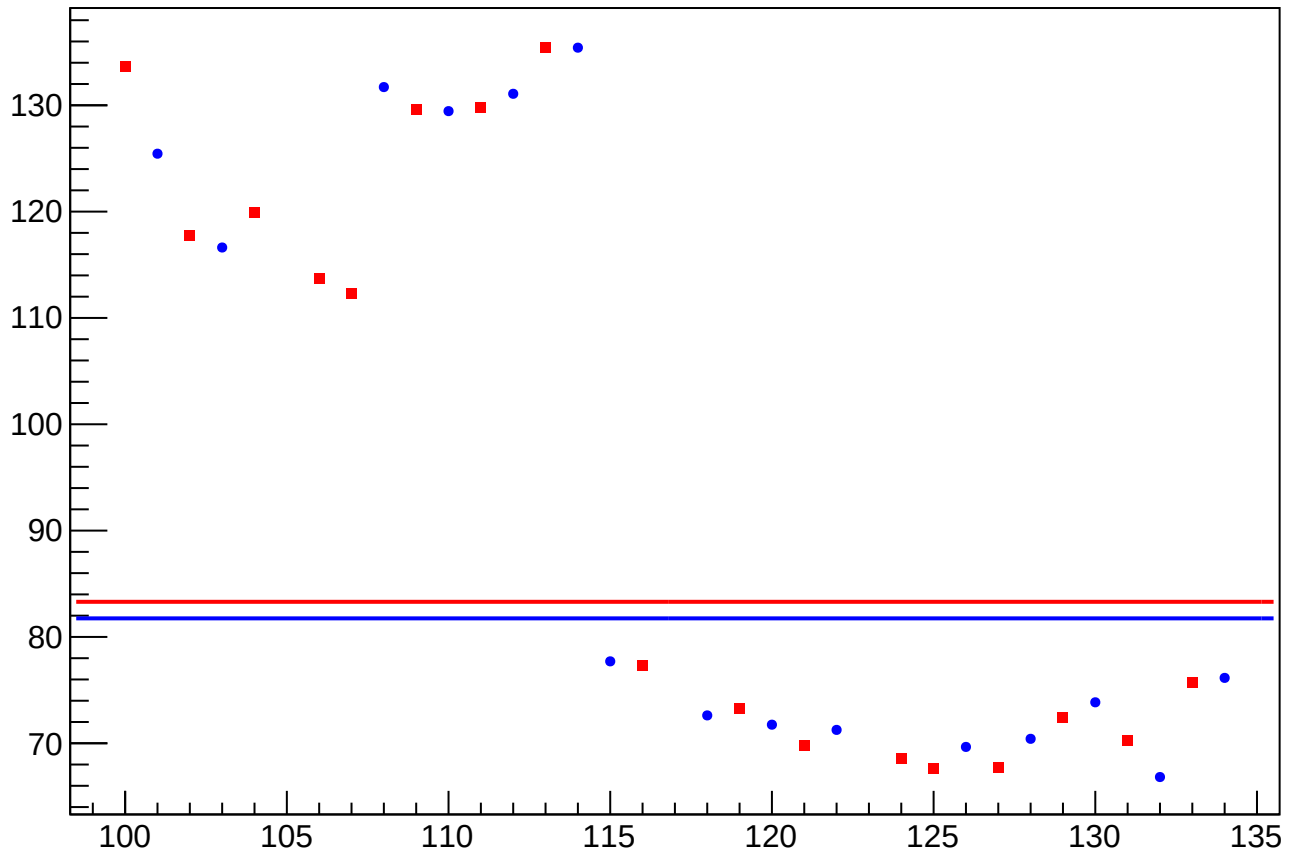
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.197 $\pm$ 23.629 χ^2 /NDF: 37.5/31

- 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: 83.304 $\pm$ 0.024 χ^2 /NDF: 904526.2/16

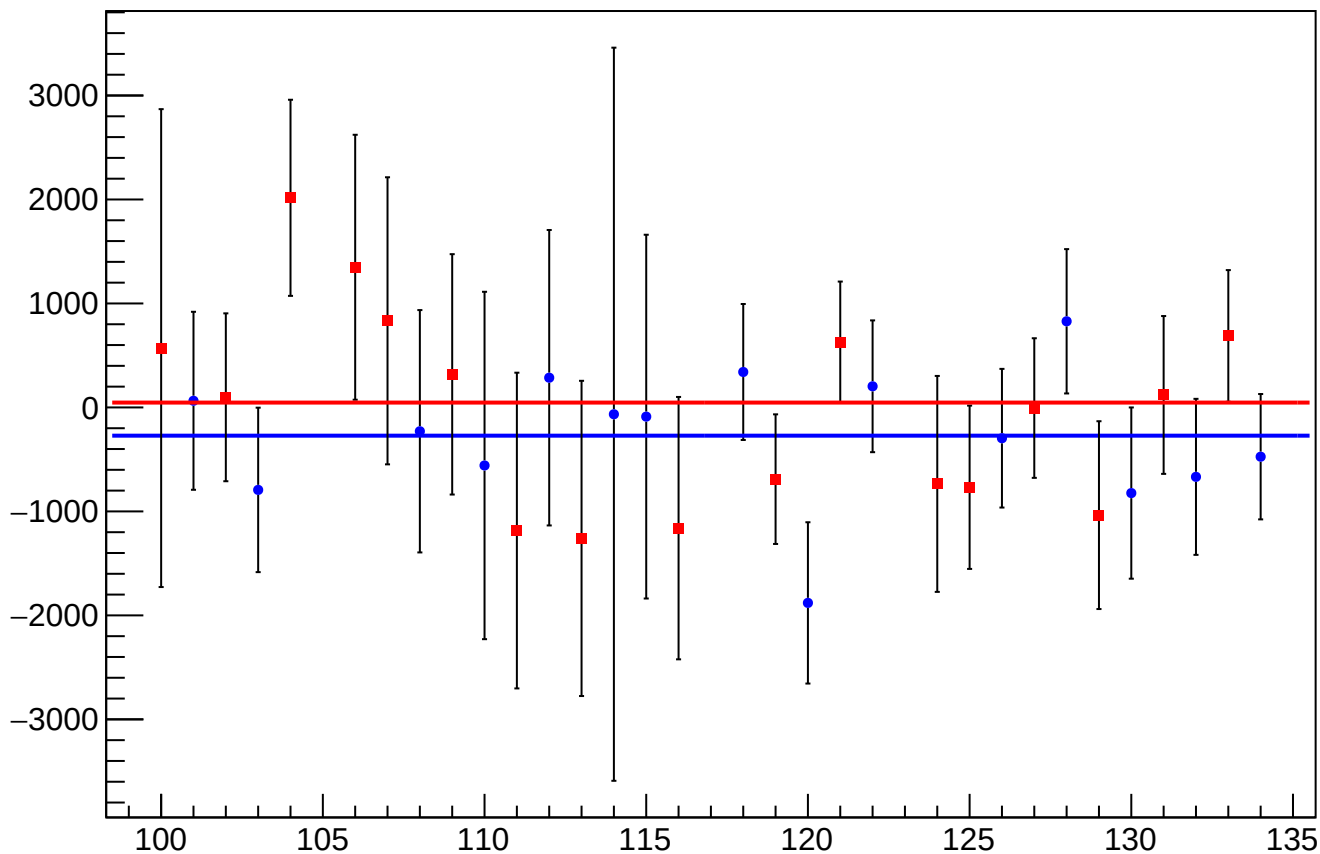
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 82.531 $\pm$ 0.017 χ^2 /NDF: 1724994.8/31

- 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: 46.672 ± 213.315 χ^2/NDF : 14.7/16

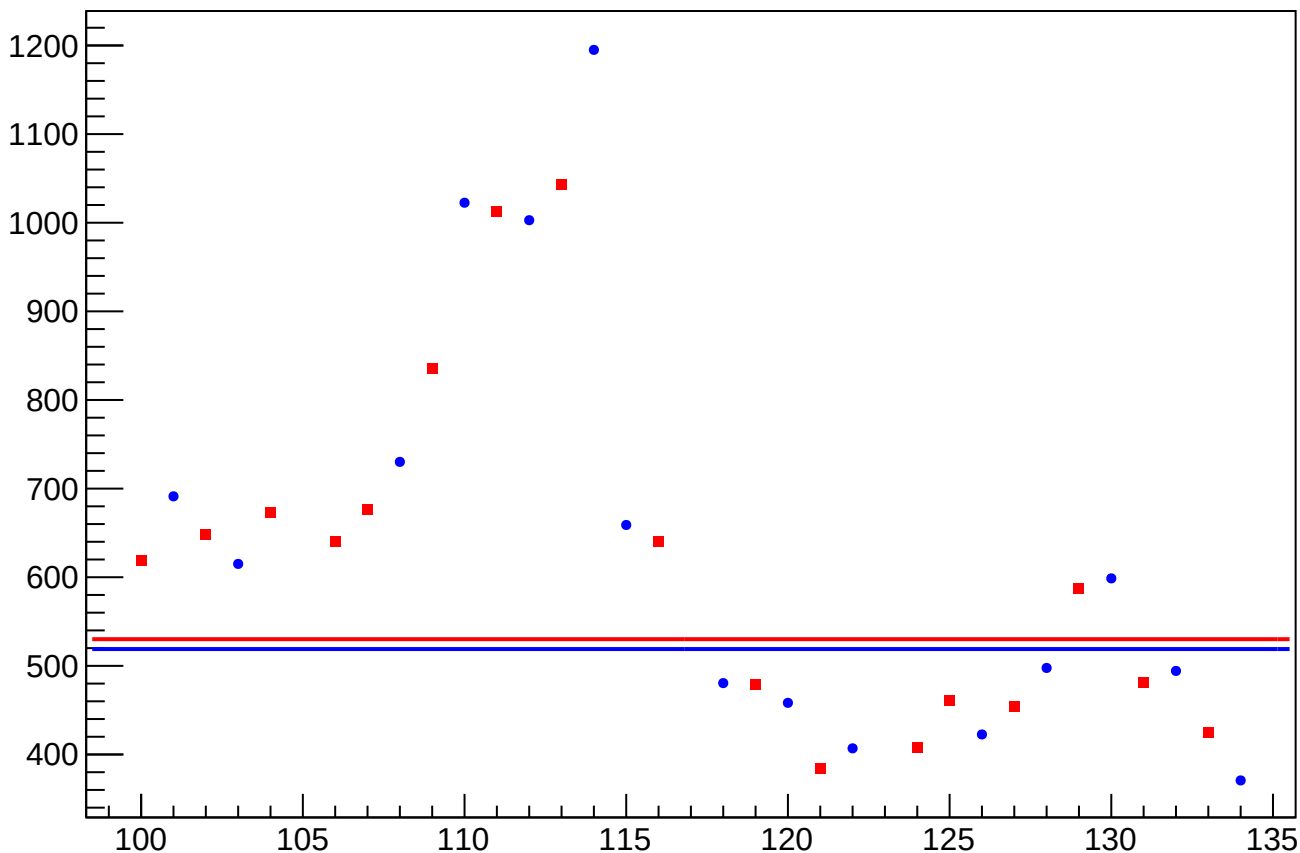
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -111.734 ± 151.177 χ^2/NDF : 25.7/31

- 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

Right Out: 530.102+/-0.151 χ^2/NDF : 995515.0/16

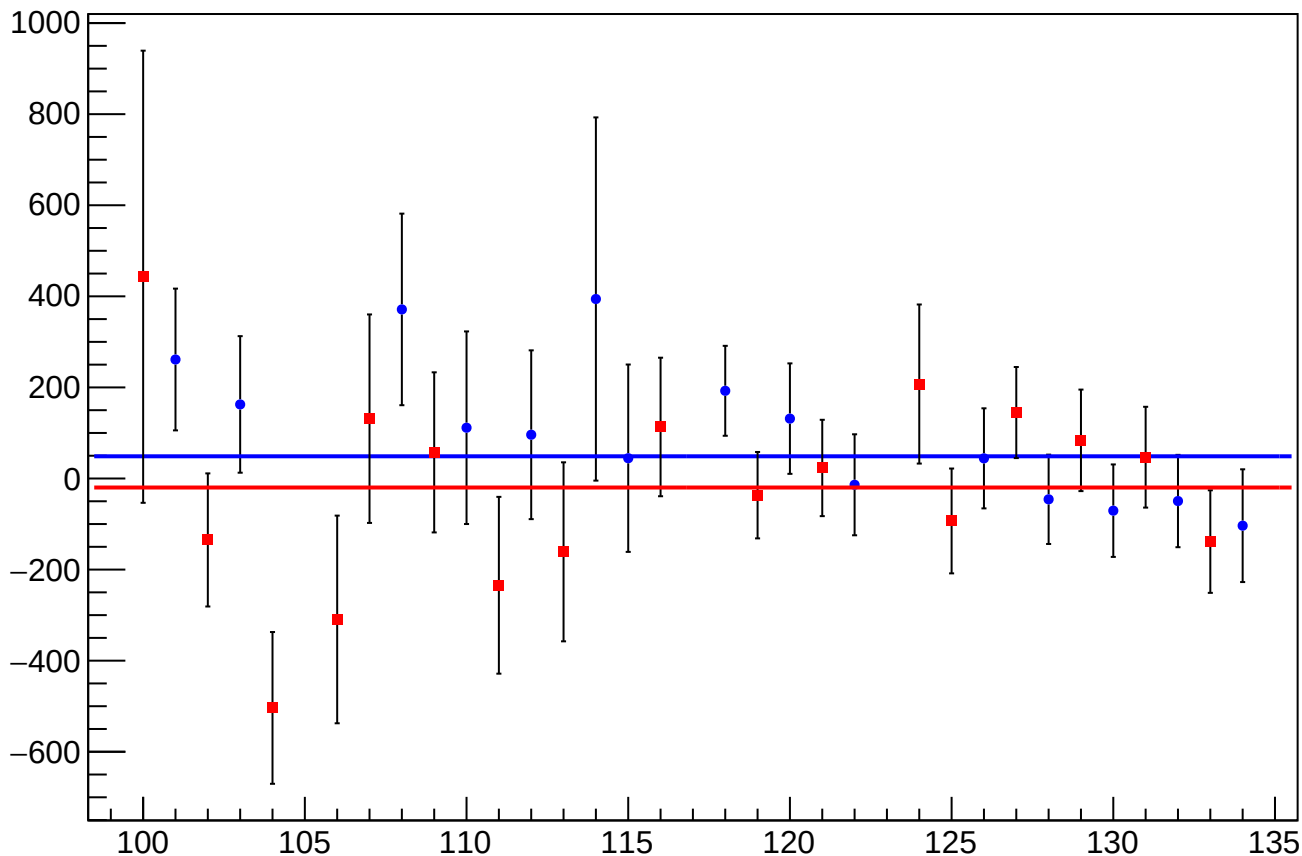
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.556+/-0.107 χ^2/NDF : 1941732.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam1_mean vs Slug



Right In: 48.757+/-33.557 χ^2/NDF : 13.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.790+/-33.278 χ^2/NDF : 22.0/16

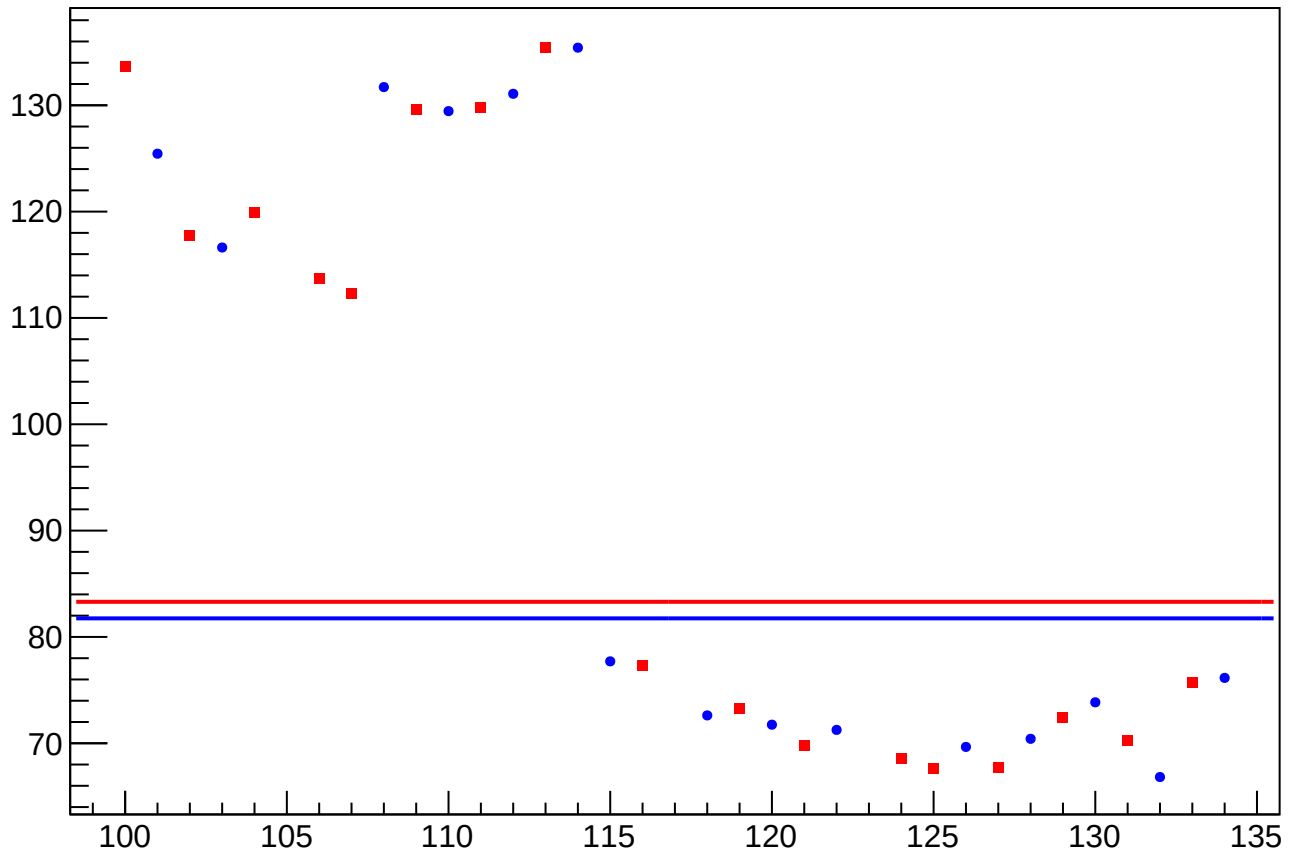
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.197+/-23.629 χ^2/NDF : 37.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam1_rms vs Slug



Right In: 81.746+/-0.024 χ^2/NDF : 818296.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.304+/-0.024 χ^2/NDF : 904526.2/16

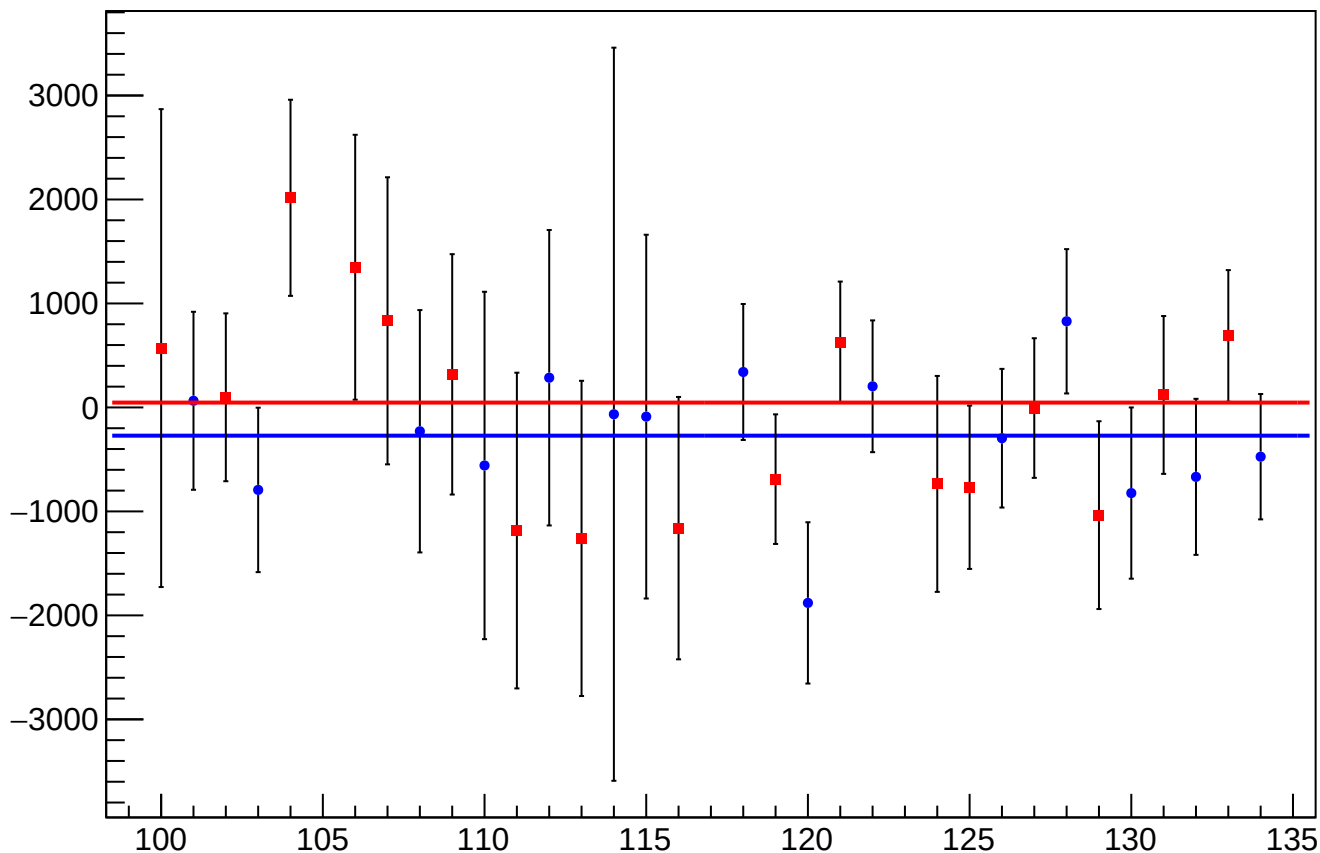
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.531+/-0.017 χ^2/NDF : 1724994.8/31

- sign 0.000+/-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: 46.672+/-213.315 χ^2/NDF : 14.7/16

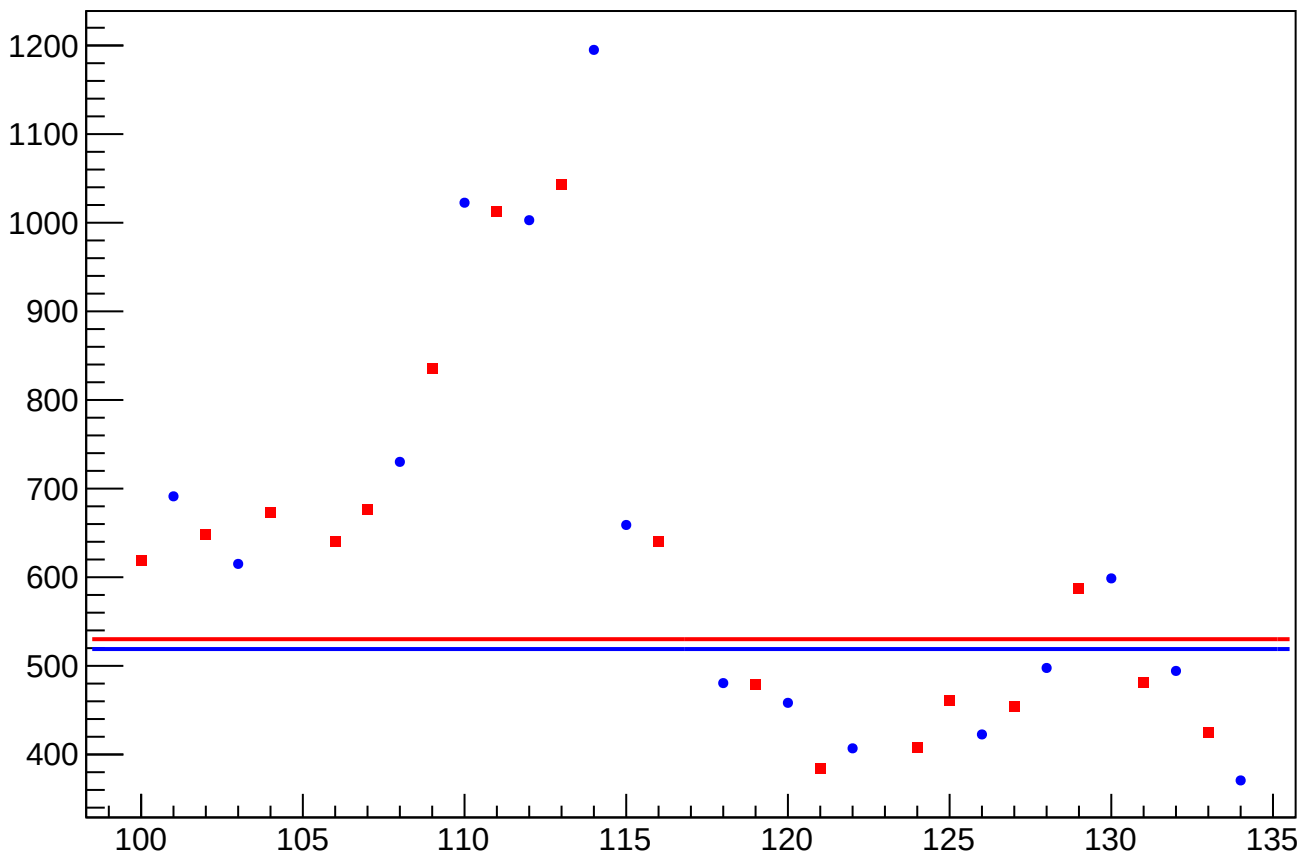
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -111.734+/-151.177 χ^2/NDF : 25.7/31

- 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: 530.102+/-0.151 χ^2/NDF : 995515.0/16

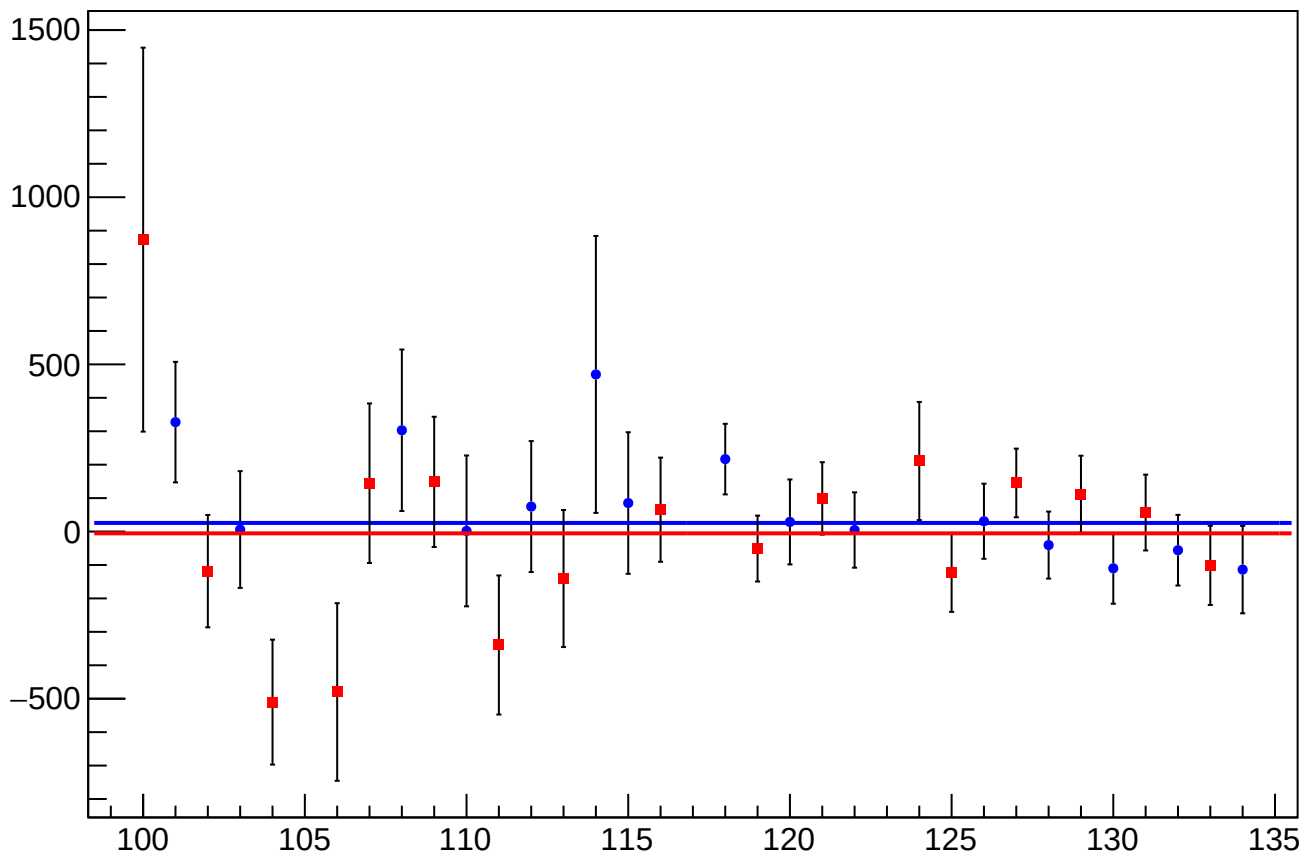
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.556+/-0.107 χ^2/NDF : 1941732.7/31

- 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: -5.360+/-34.820 χ^2/NDF : 25.3/16

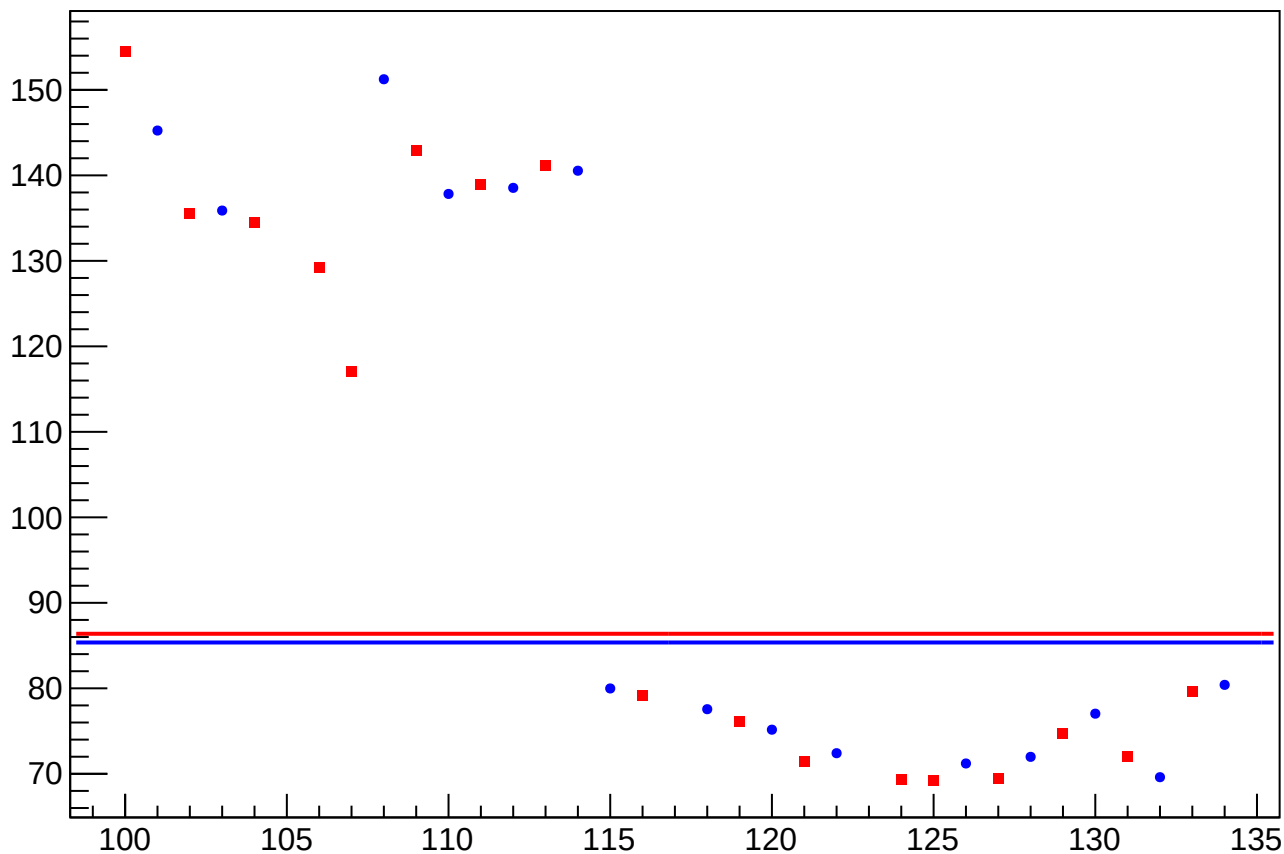
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.978+/-24.802 χ^2/NDF : 38.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam1_rms vs Slug



Right In: 85.361+/-0.025 χ^2/NDF : 1006534.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.380+/-0.025 χ^2/NDF : 1093346.6/16

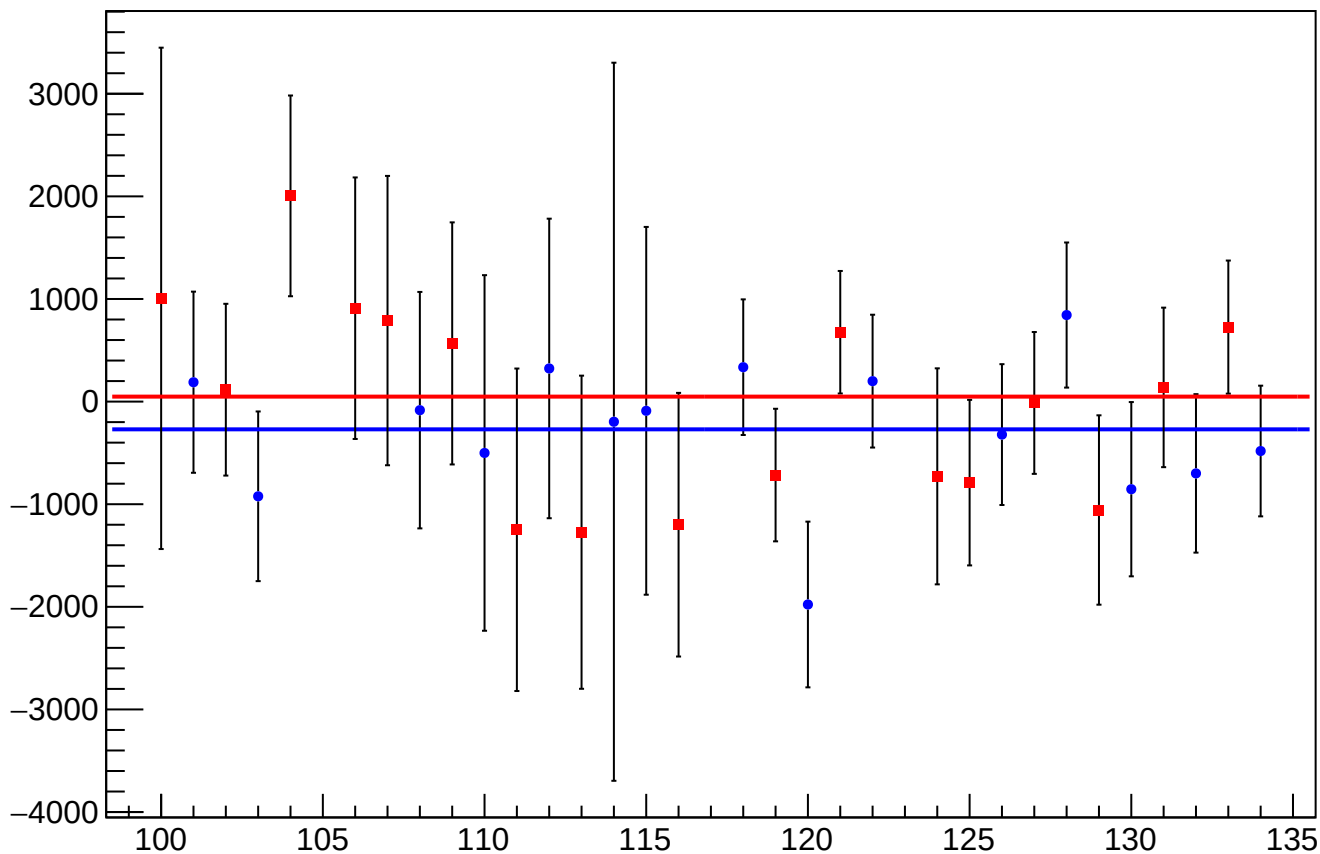
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.878+/-0.018 χ^2/NDF : 2100724.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_dit_correction_mean vs Slug



Right In: -270.372 $\pm$ 220.543 χ^2 /NDF: 10.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 48.503 $\pm$ 218.950 χ^2 /NDF: 14.1/16

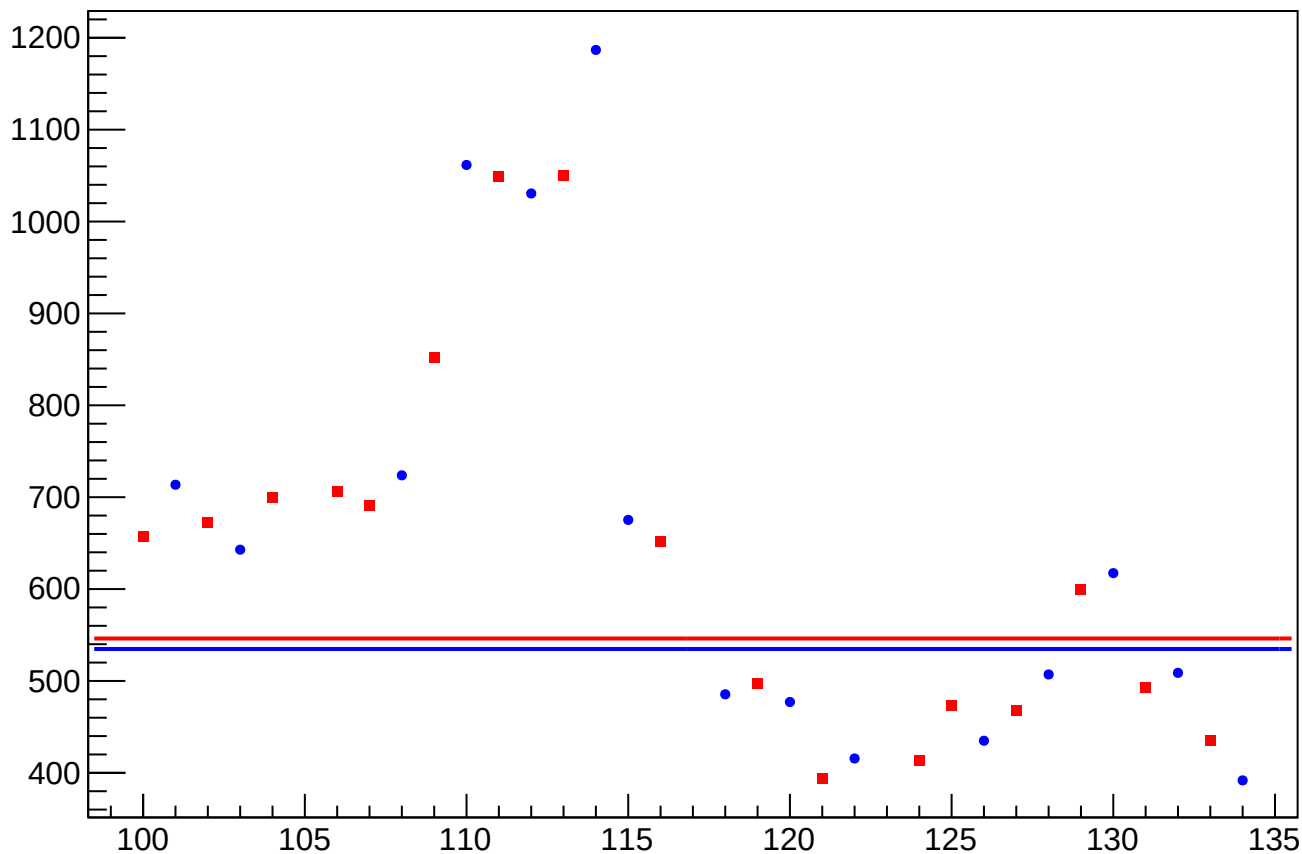
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -109.779 $\pm$ 155.381 χ^2 /NDF: 25.5/31

- sign 0.000 $\pm$ 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

Right Out: 546.216 $\pm$ 0.155 χ^2 /NDF: 1014374.5/16

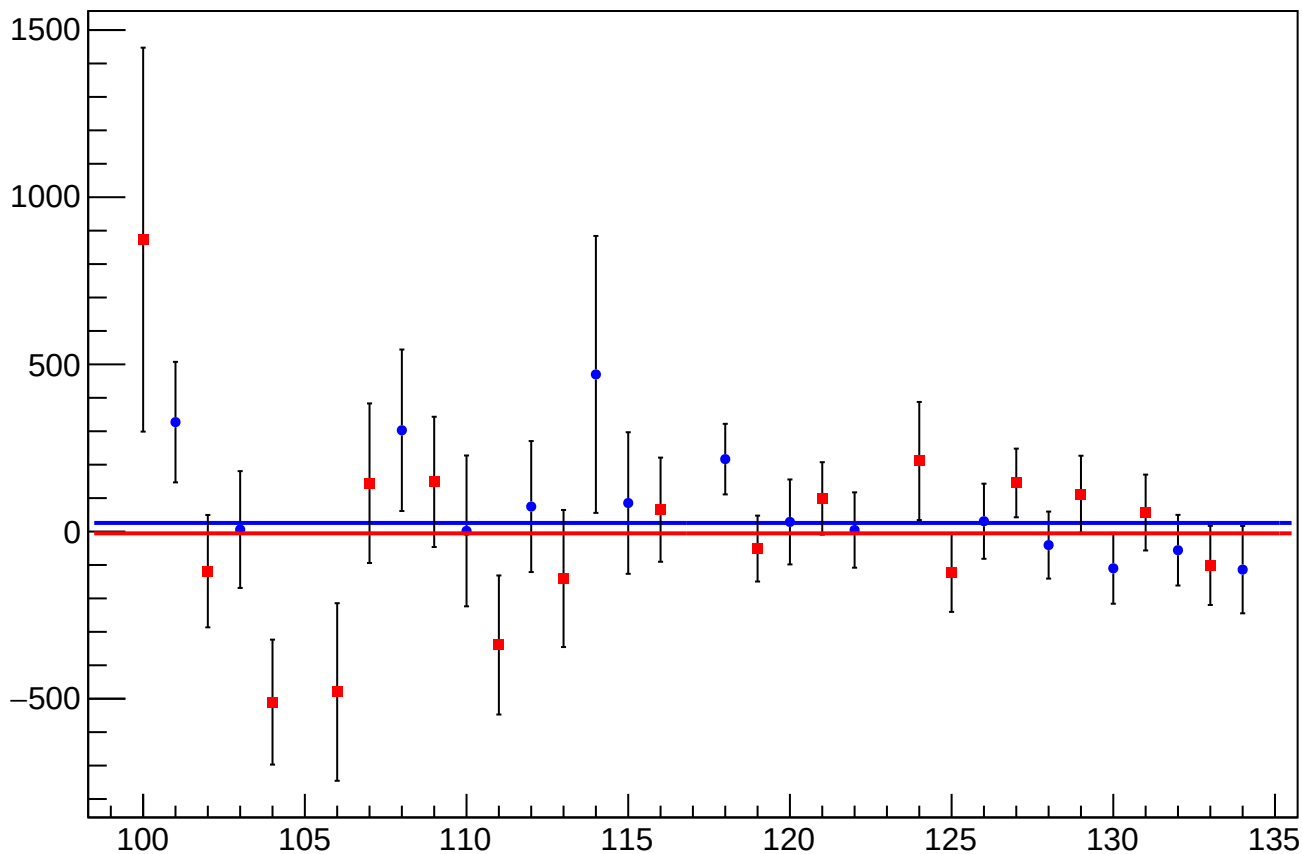
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 540.548 $\pm$ 0.110 χ^2 /NDF: 1941048.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_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: -5.359+/-34.820 χ^2/NDF : 25.3/16

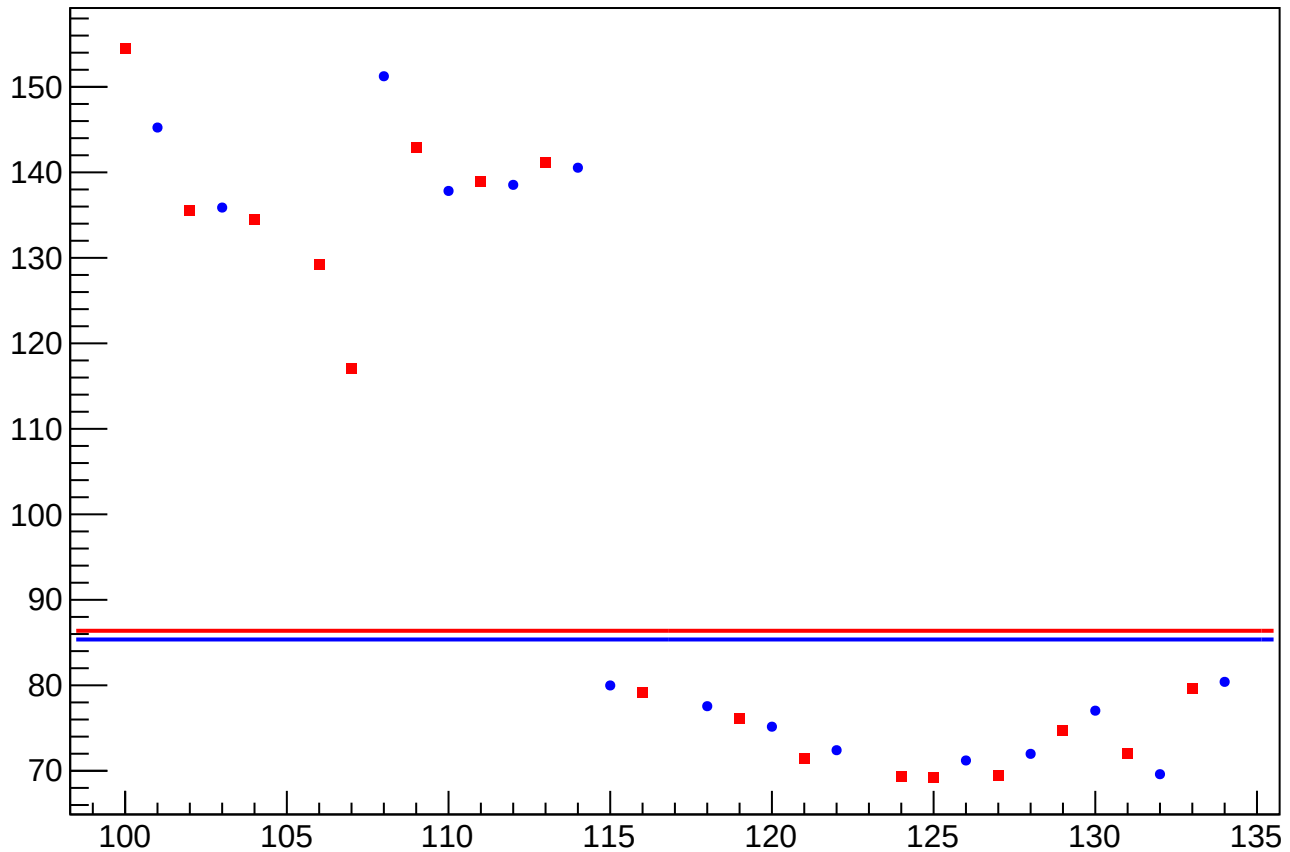
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.978+/-24.802 χ^2/NDF : 38.2/31

- sign 0.000+/-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: 86.380+/-0.025 χ^2/NDF : 1093345.9/16

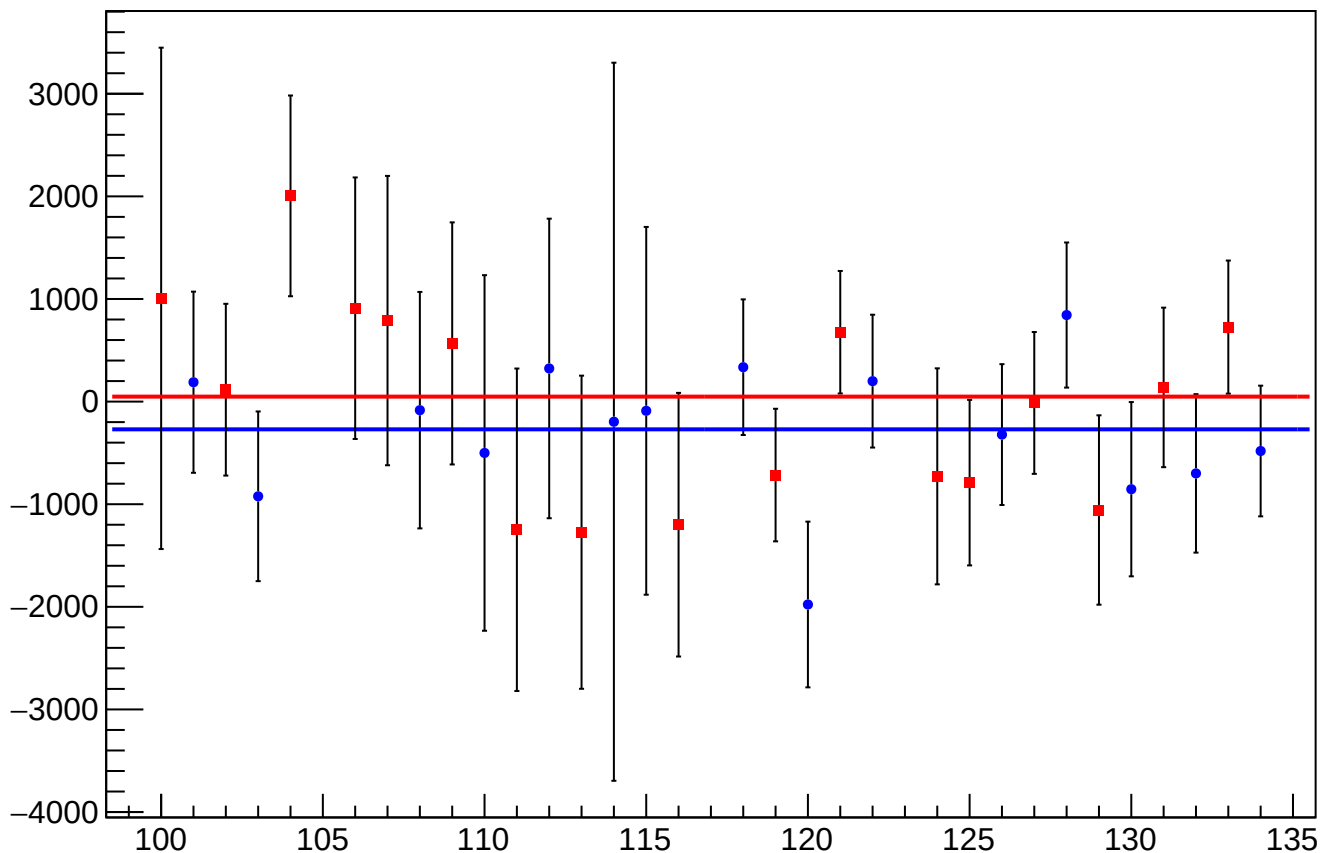
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.878+/-0.018 χ^2/NDF : 2100723.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_dit_correction_mean vs Slug



Right In: -270.372 $\pm$ 220.542 χ^2 /NDF: 10.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 48.504 $\pm$ 218.949 χ^2 /NDF: 14.1/16

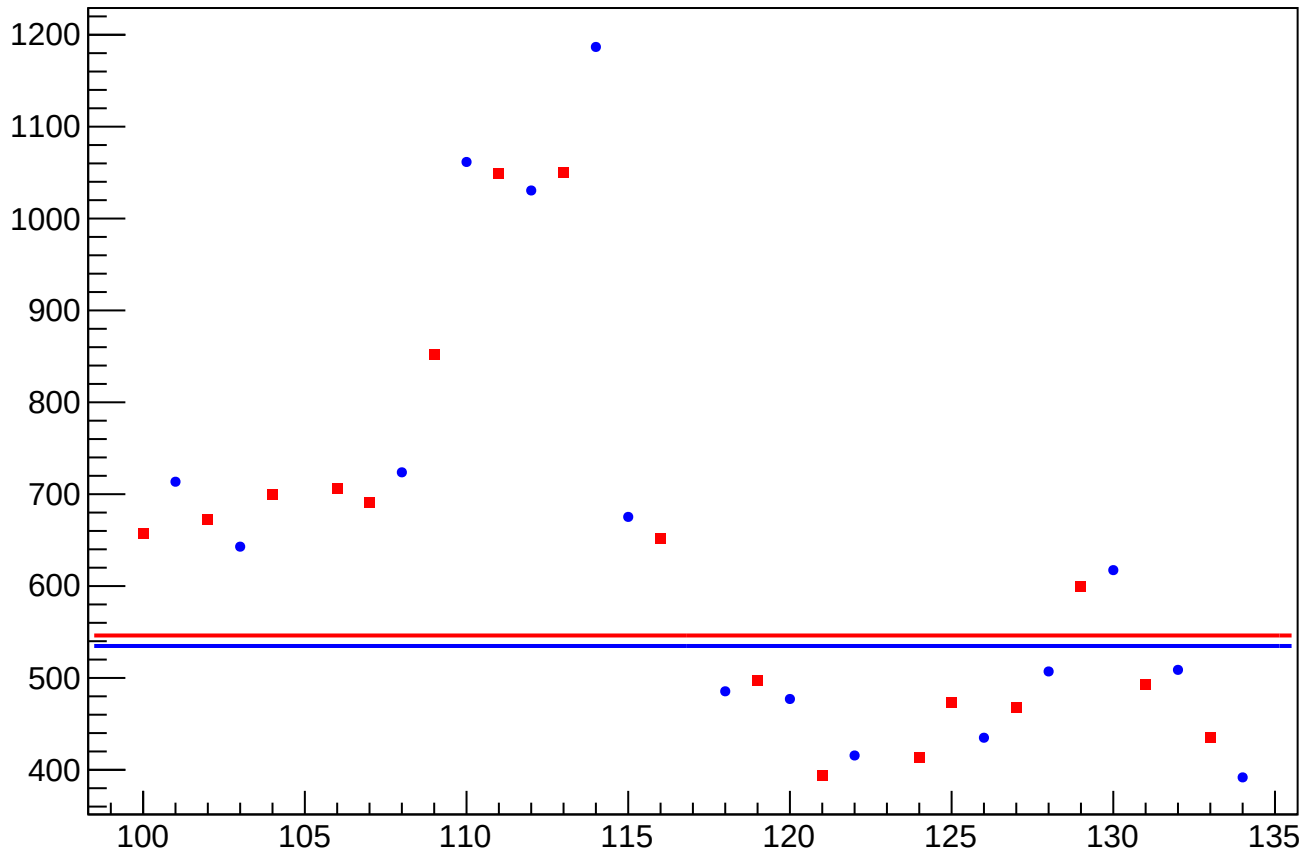
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -109.778 $\pm$ 155.381 χ^2 /NDF: 25.5/31

- sign 0.000 $\pm$ 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: 546.216+/-0.155 χ^2/NDF : 1014375.9/16

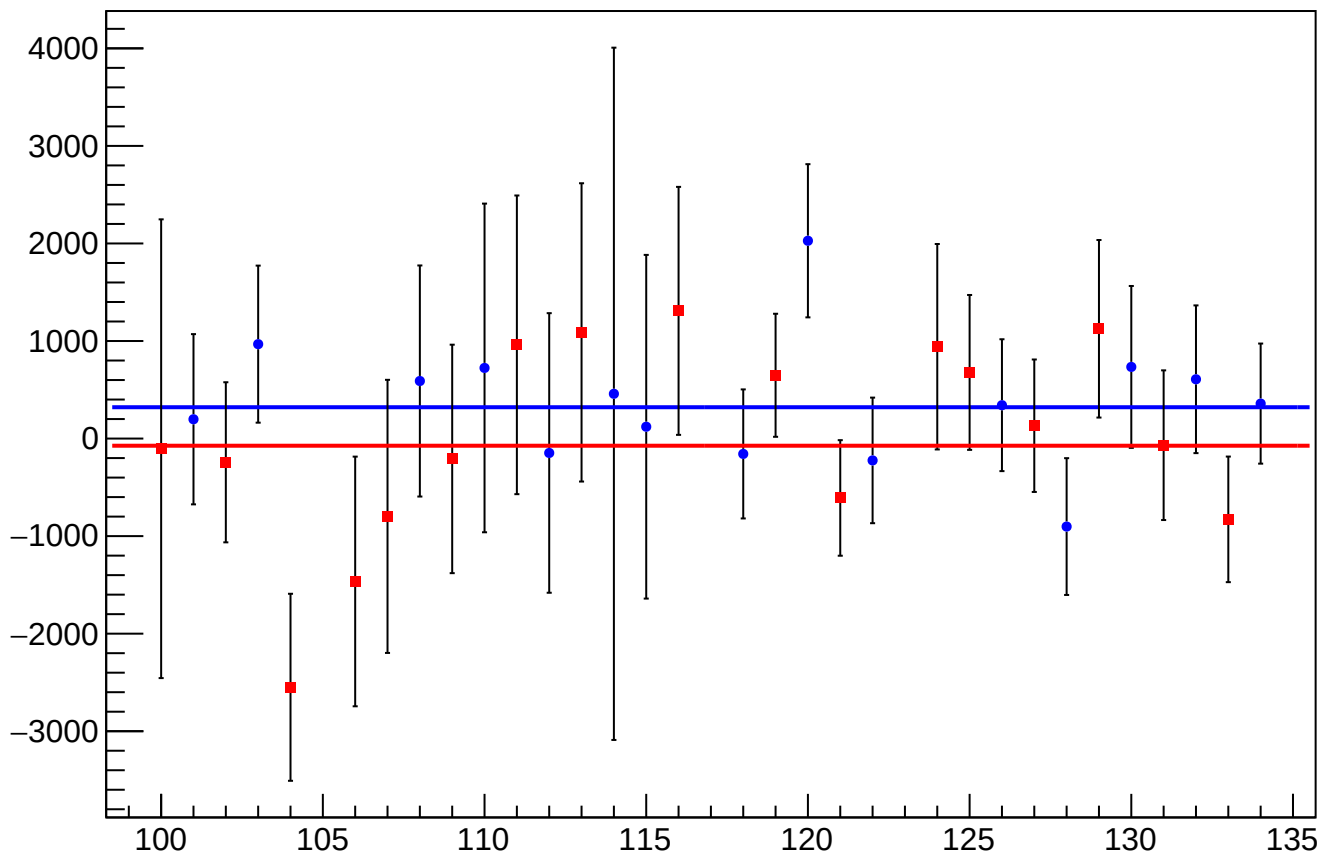
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 540.547+/-0.110 χ^2/NDF : 1941049.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_mean vs Slug



Right In: 321.267+/-217.232 χ^2/NDF : 10.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -73.393+/-216.068 χ^2/NDF : 17.5/16

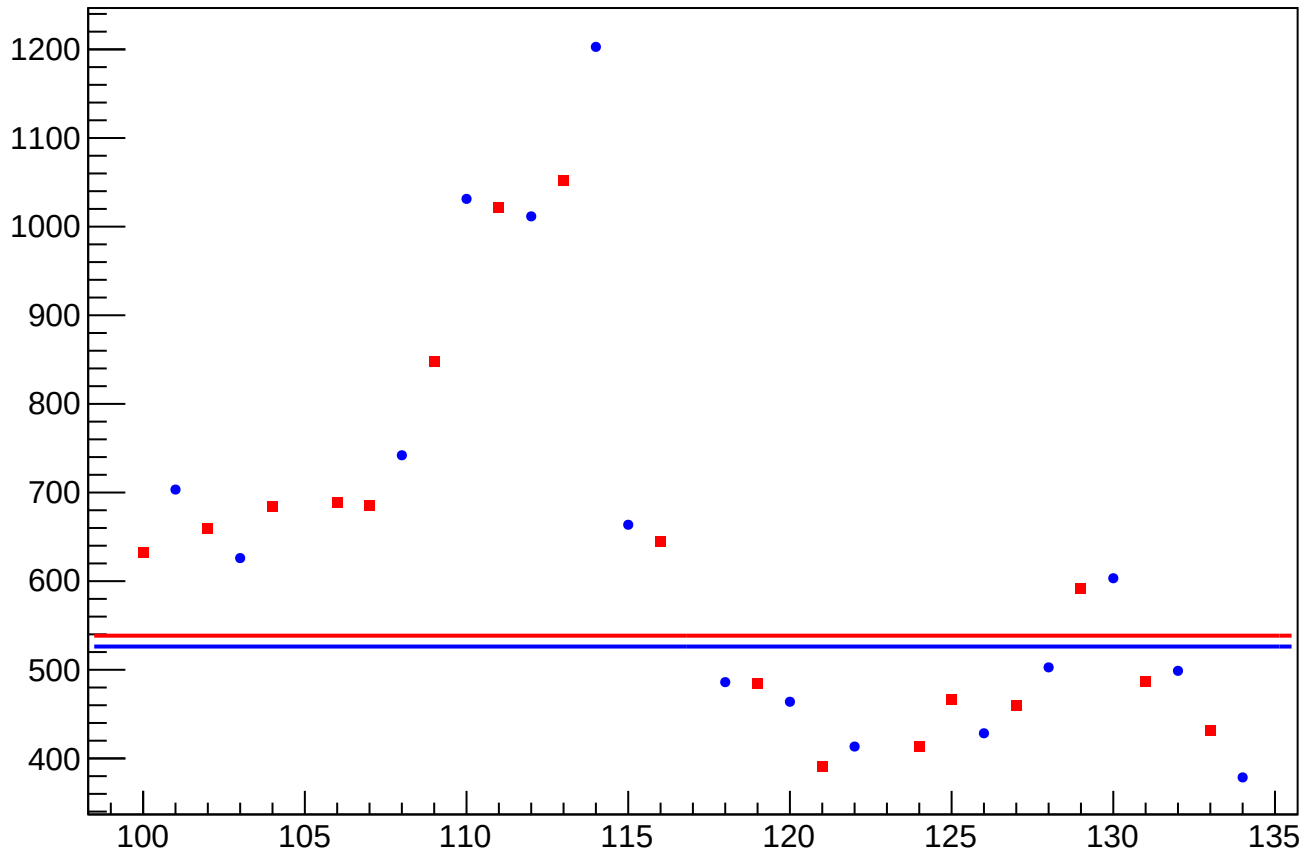
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.876+/-153.193 χ^2/NDF : 29.5/31

- sign 0.000+/-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: 538.500+/-0.153 χ^2/NDF : 1003211.6/16

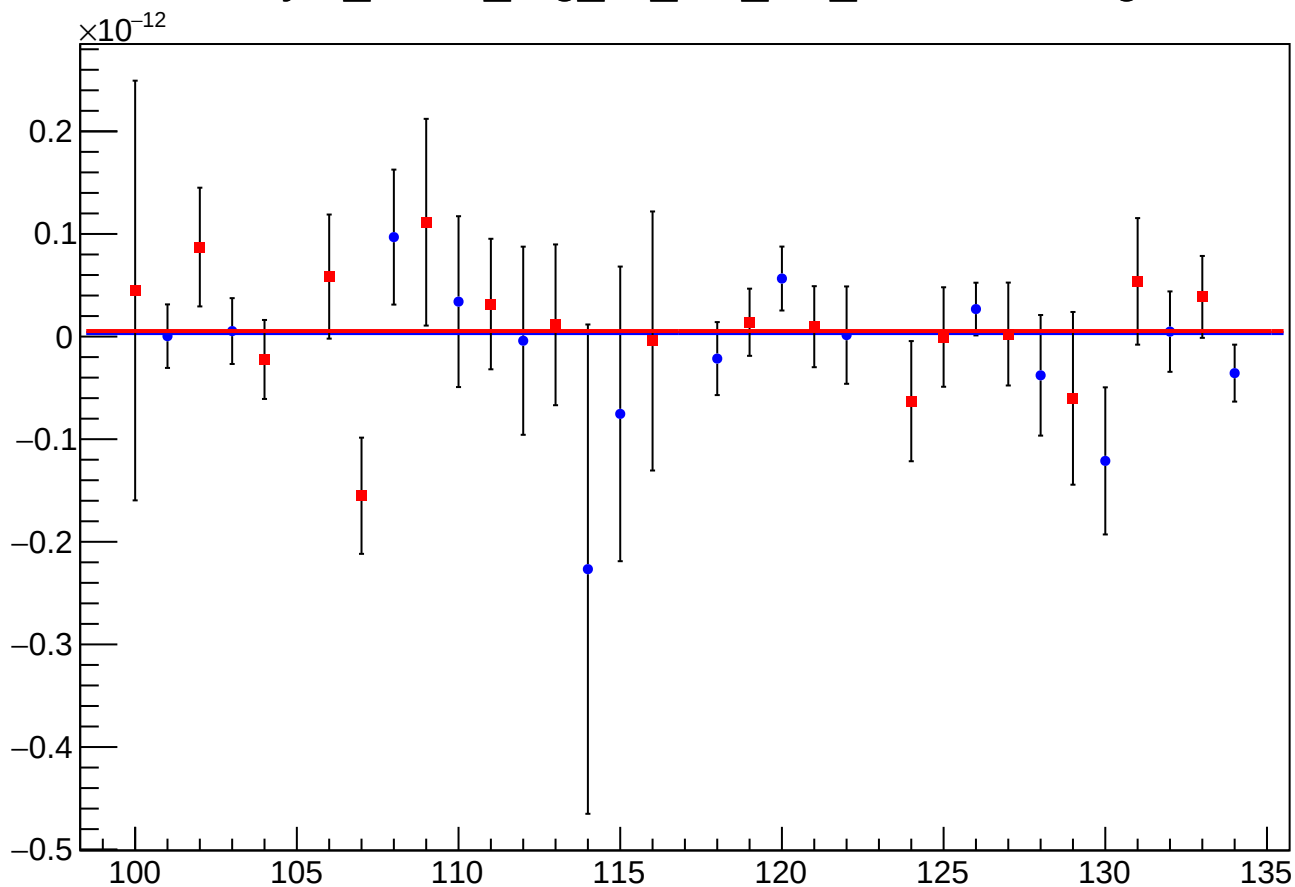
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 532.401+/-0.108 χ^2/NDF : 1940613.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_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 : 16.0/16

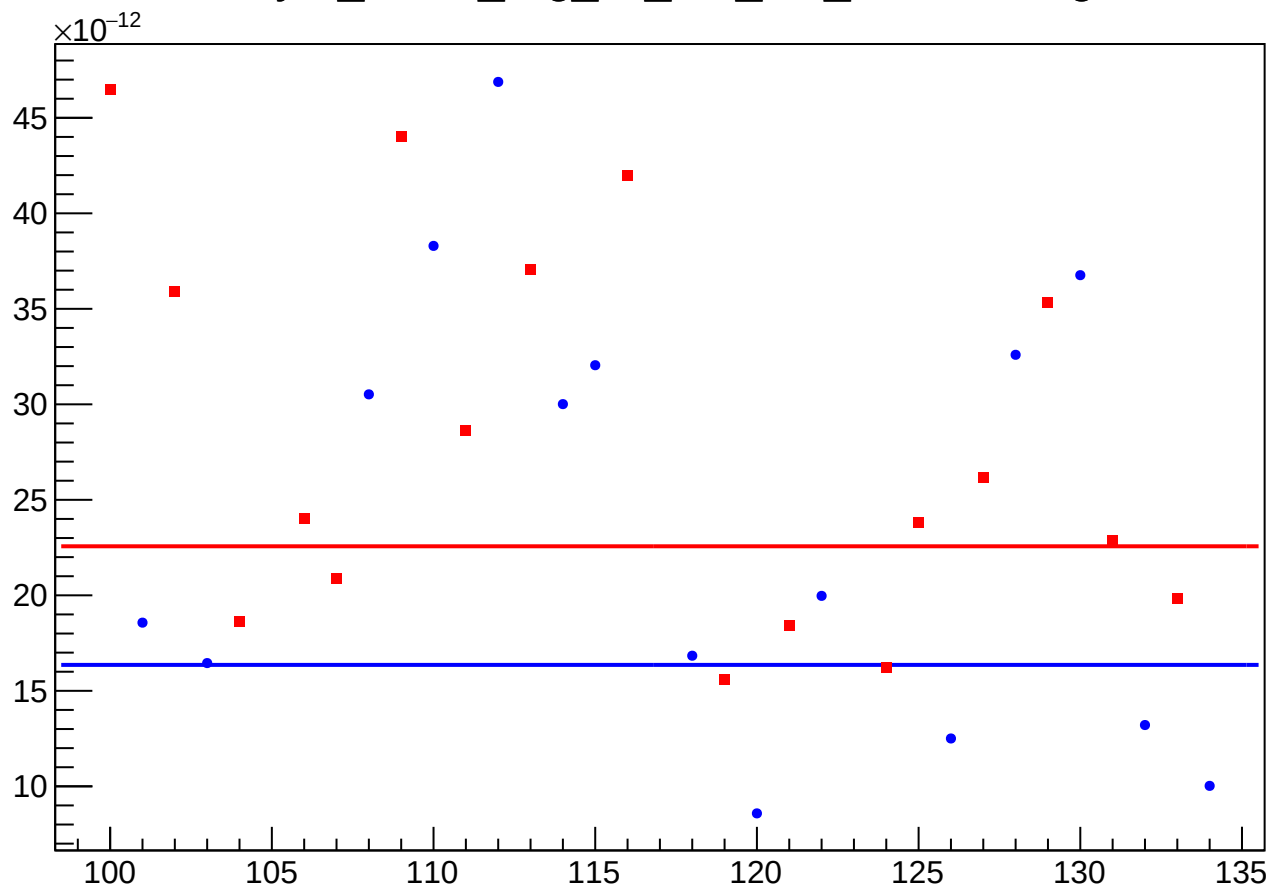
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 29.2/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam1_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 1107342.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 586509.0/16

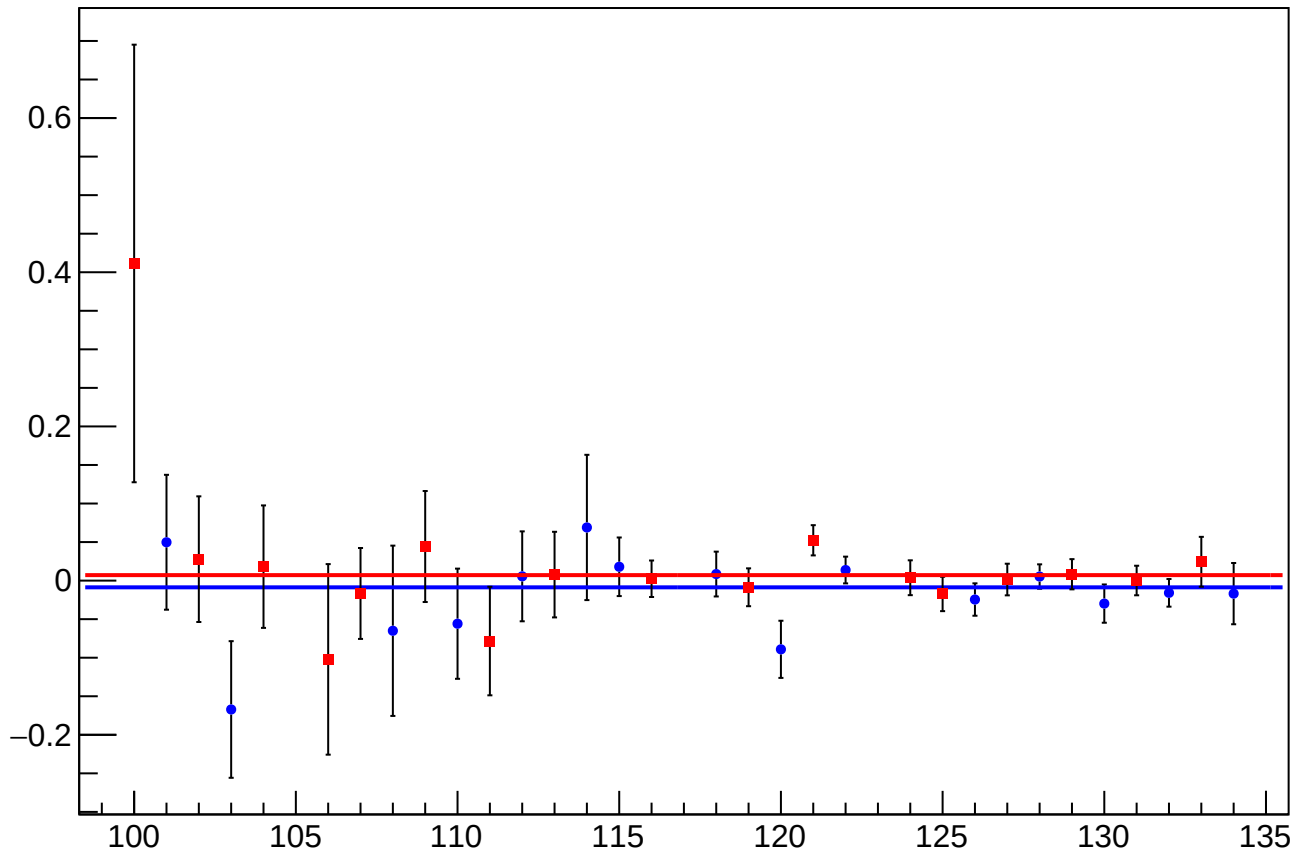
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 1965489.8/31

- sign 0.000 $\pm$ 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: 0.007+/-0.007 χ^2/NDF : 12.3/16

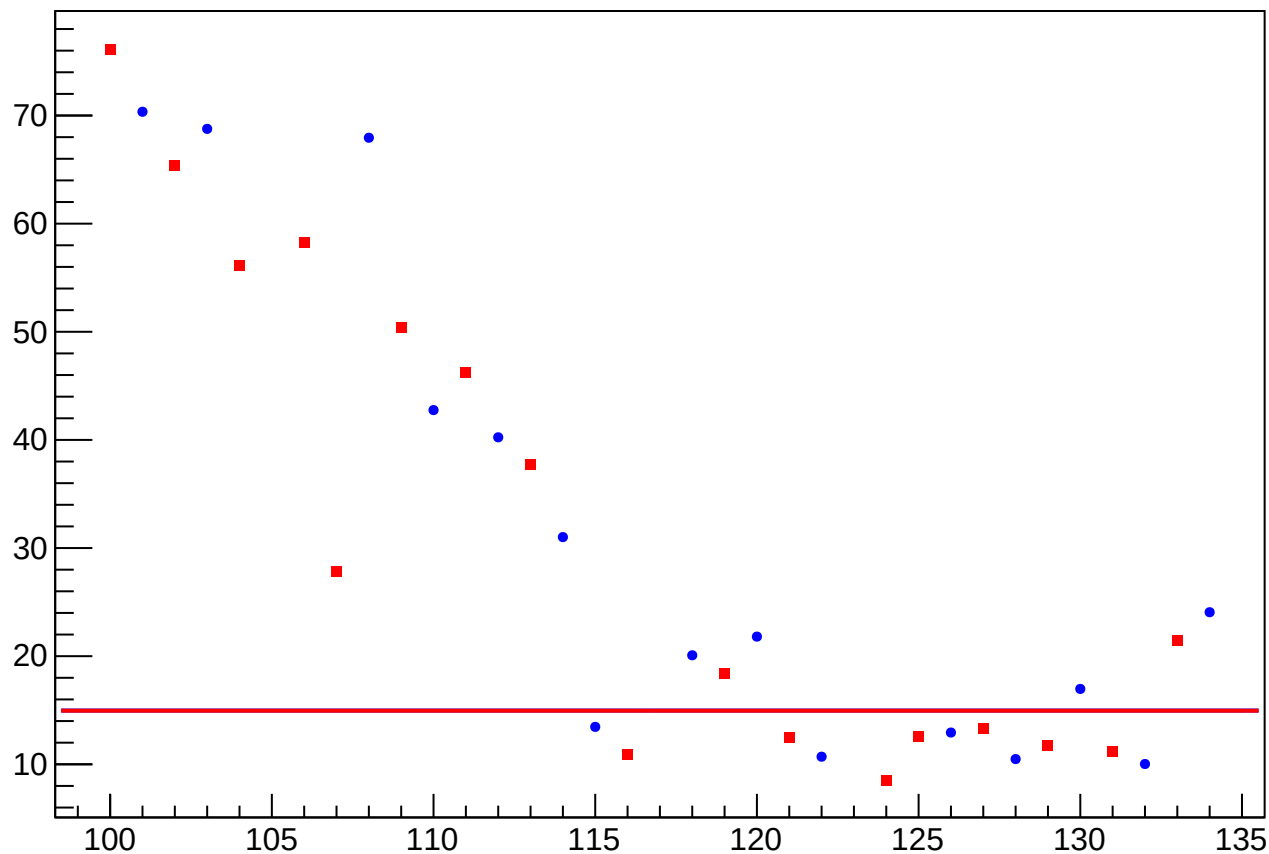
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.005 χ^2/NDF : 29.3/31

- 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: 14.959+/-0.005 χ^2/NDF : 3492196.8/16

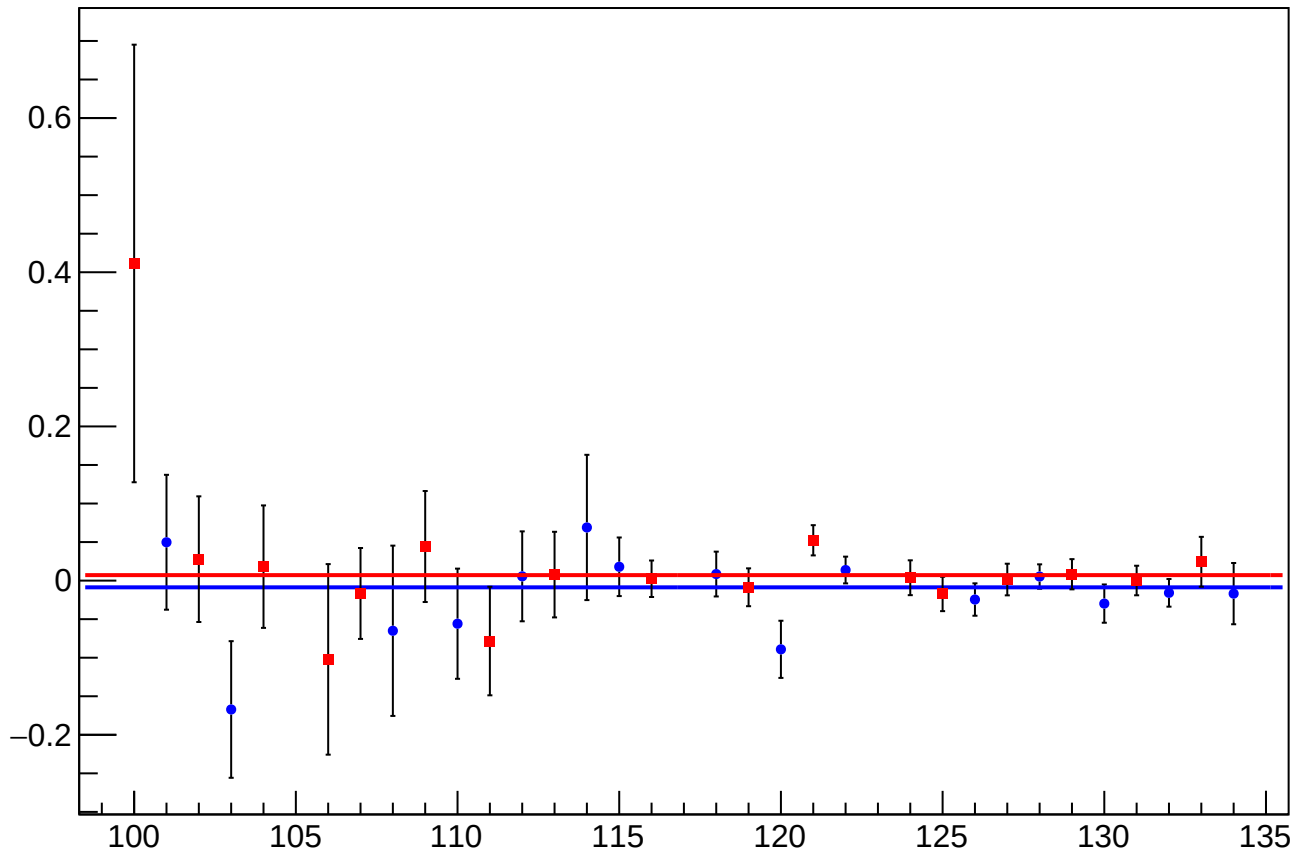
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.966+/-0.004 χ^2/NDF : 6929823.7/31

- 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 ± 0.007 χ^2/NDF : 14.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.007 ± 0.007 χ^2/NDF : 12.3/16

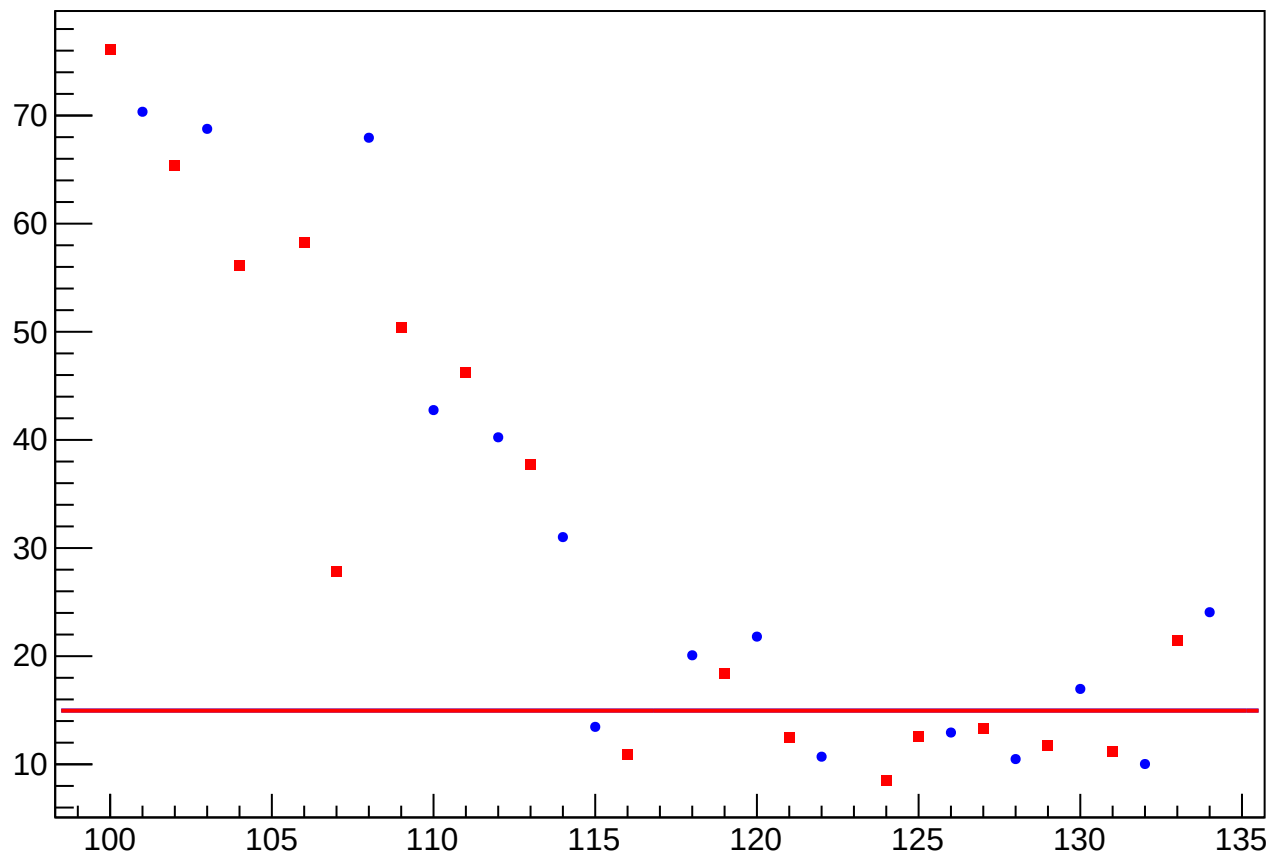
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.005 χ^2/NDF : 29.3/31

- sign 0.000 ± 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: 14.959+/-0.005 χ^2/NDF : 3492196.8/16

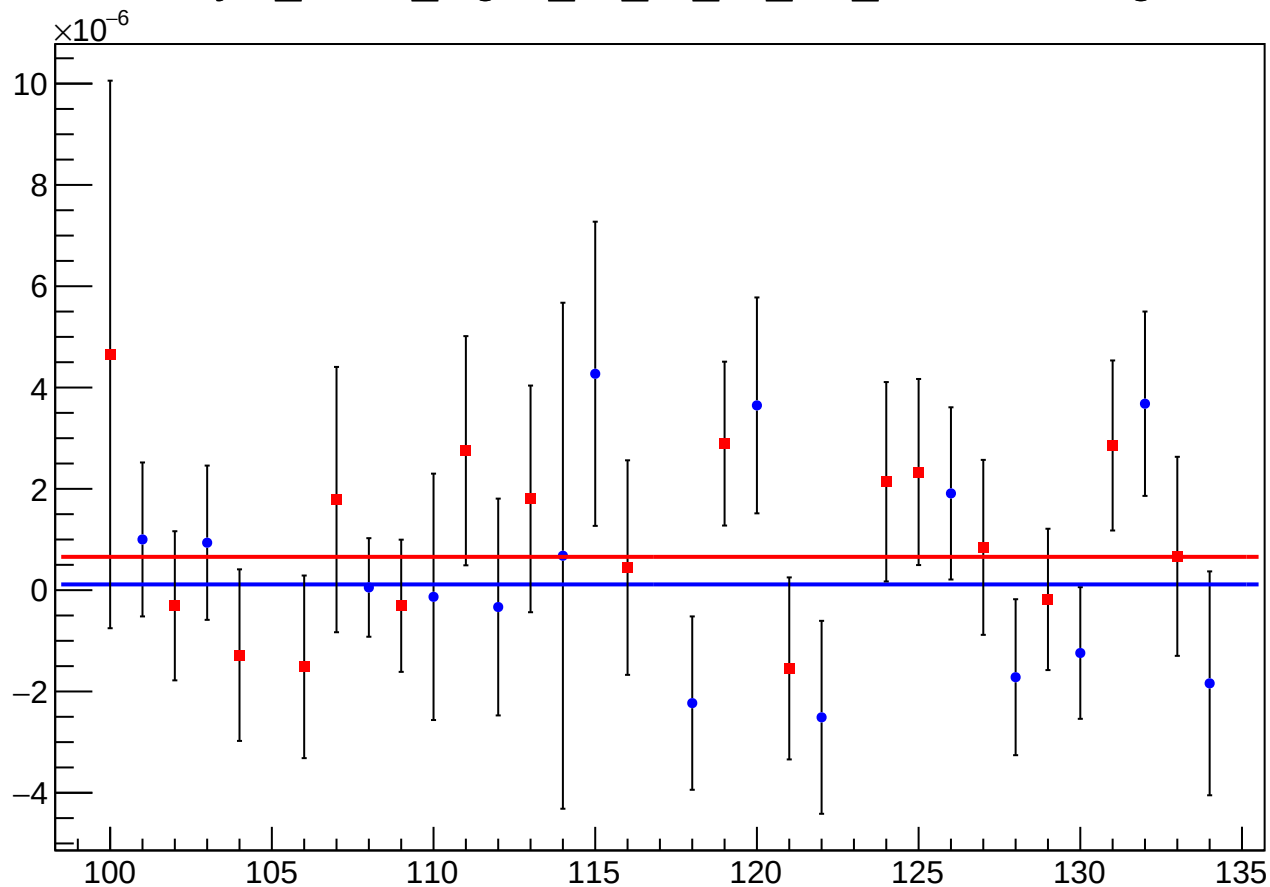
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.966+/-0.004 χ^2/NDF : 6929823.7/31

- 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 : 12.5/16

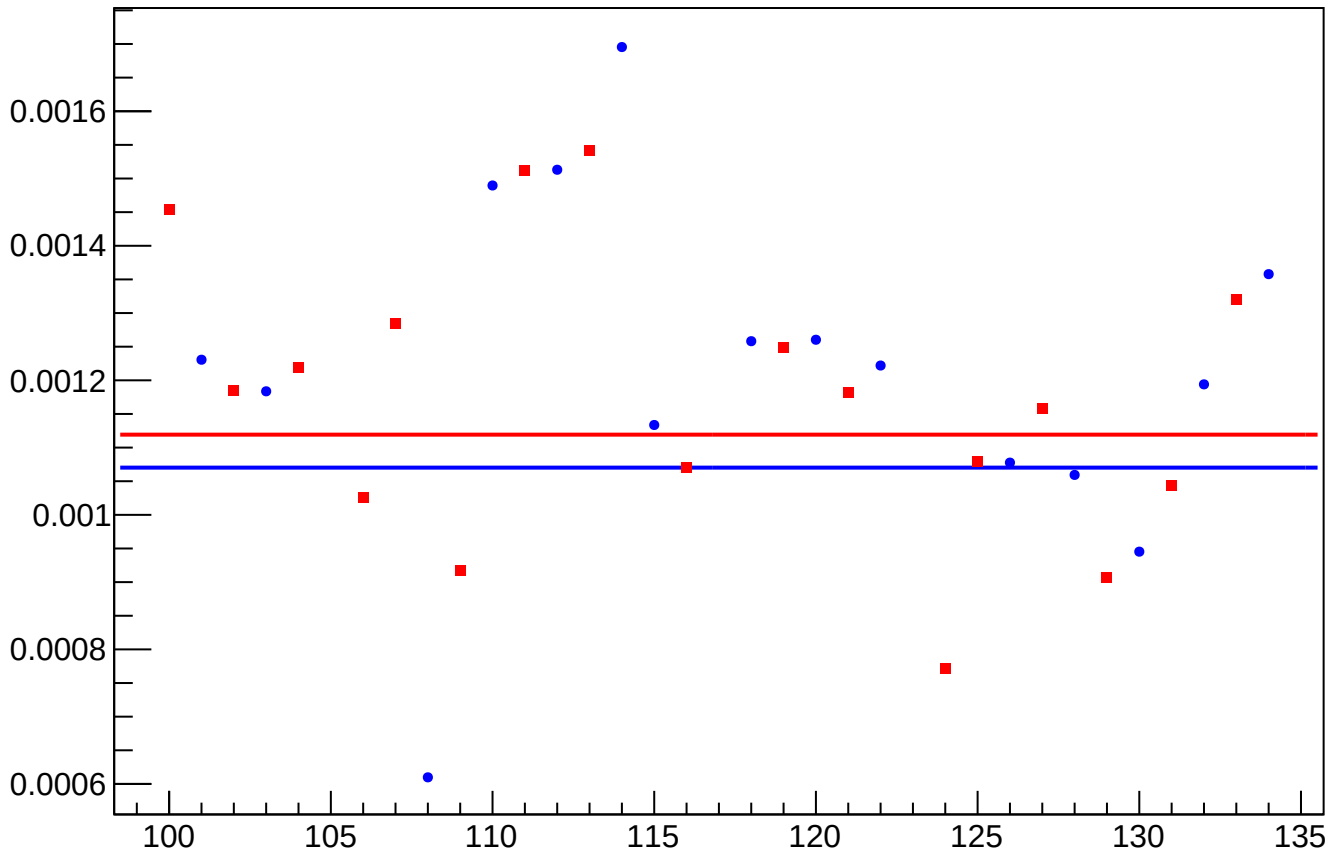
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.7/31

- 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 : 363777.5/16

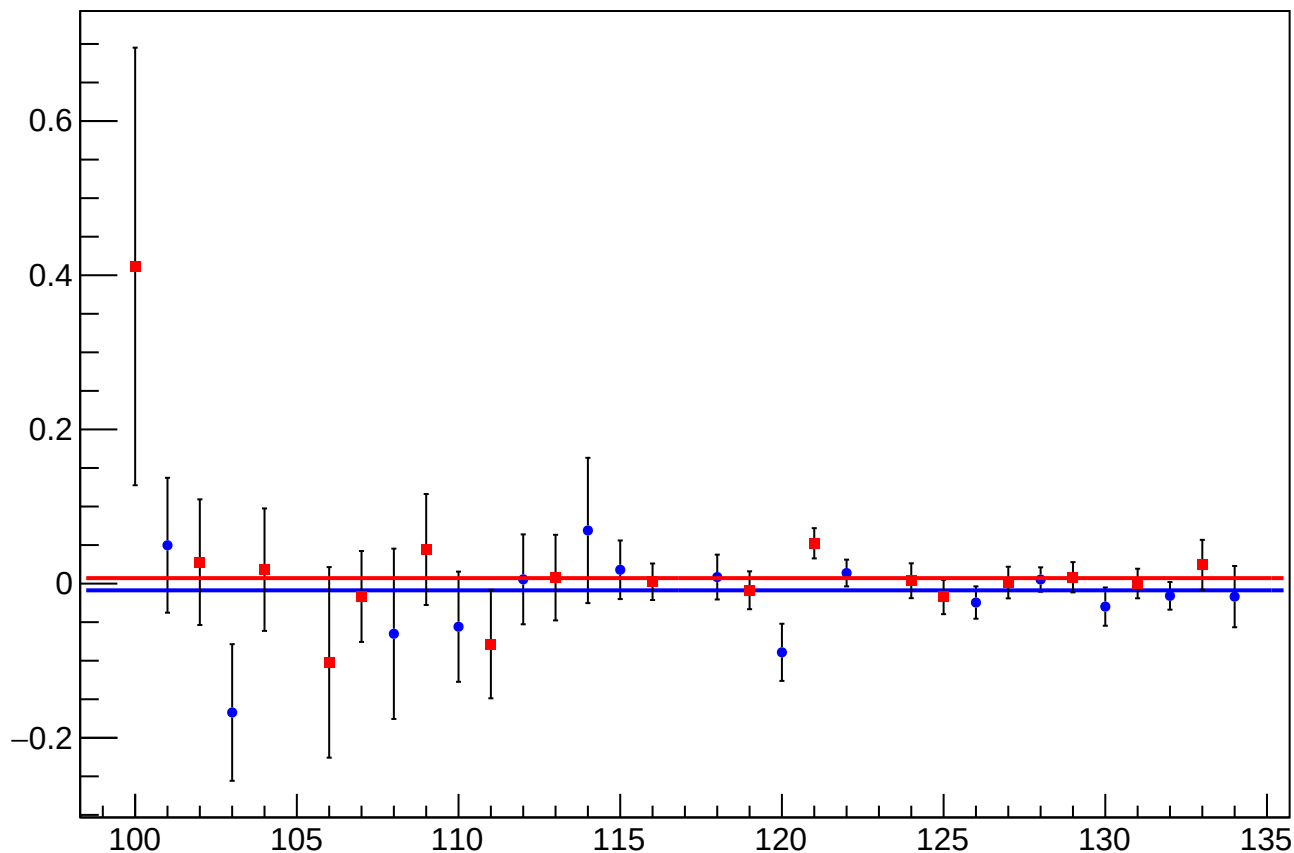
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1149265.4/31

- 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 $\pm$ 0.007 χ^2 /NDF: 14.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.007 χ^2 /NDF: 12.3/16

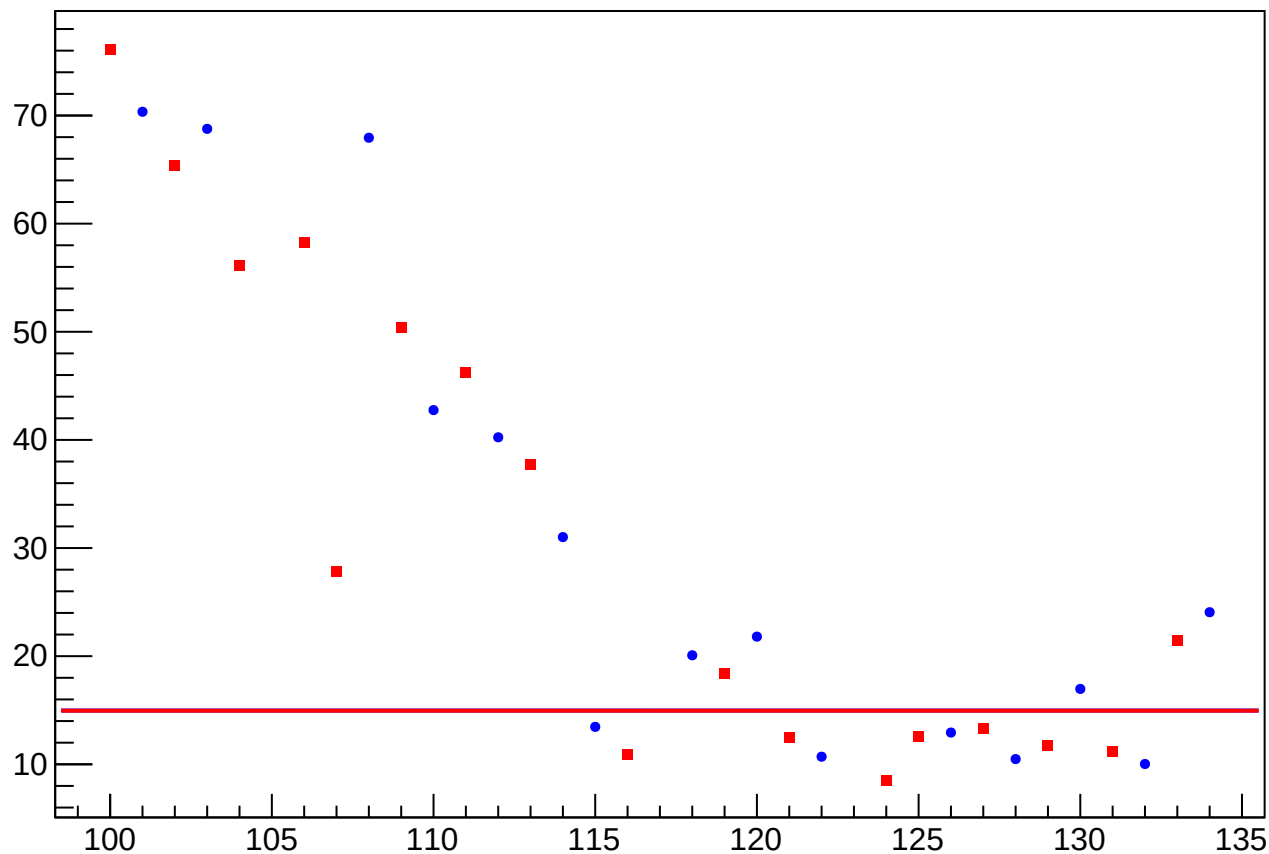
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.005 χ^2 /NDF: 29.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 14.972+/-0.005 χ^2/NDF : 3437641.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.959+/-0.005 χ^2/NDF : 3492221.3/16

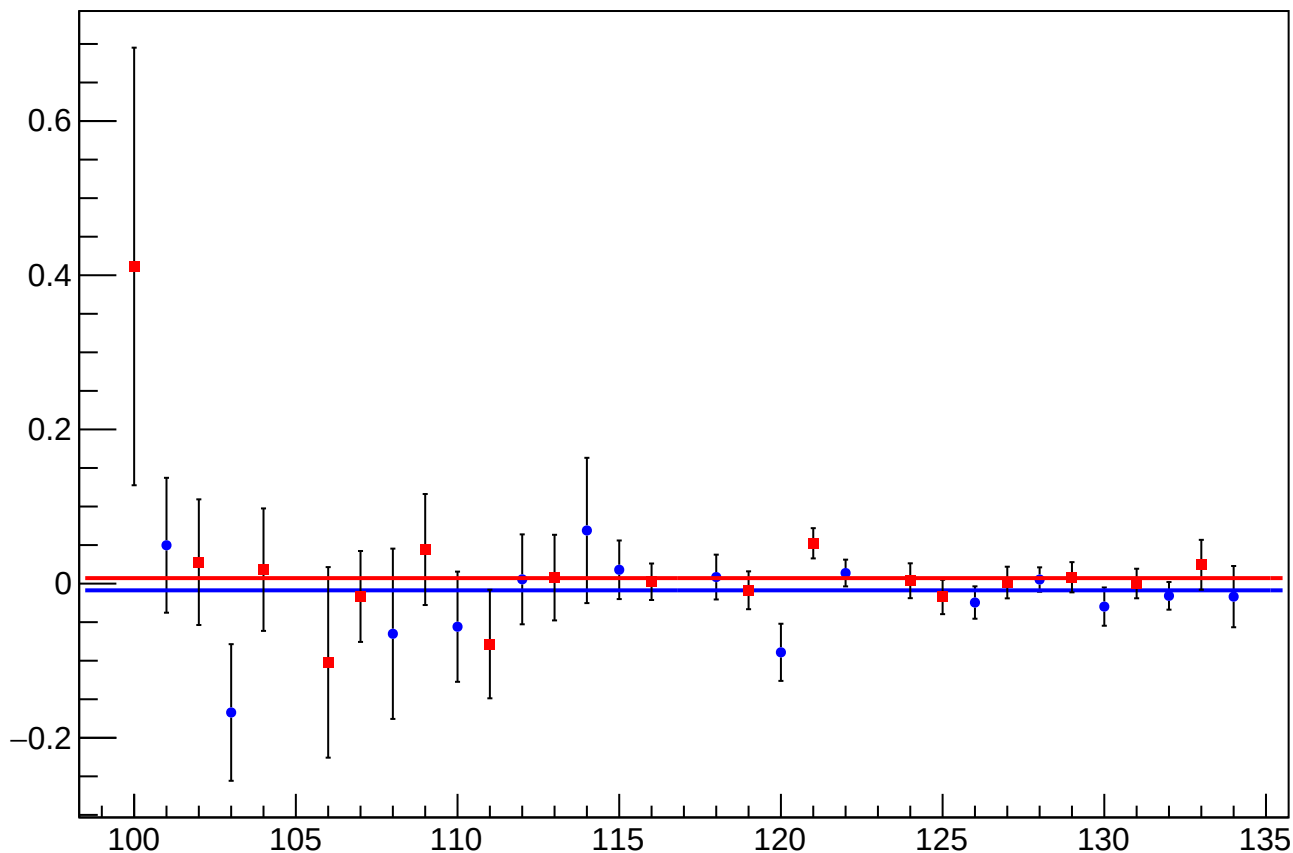
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.965+/-0.004 χ^2/NDF : 6929865.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_dit_vs_eigen_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: 0.007+/-0.007 χ^2/NDF : 12.3/16

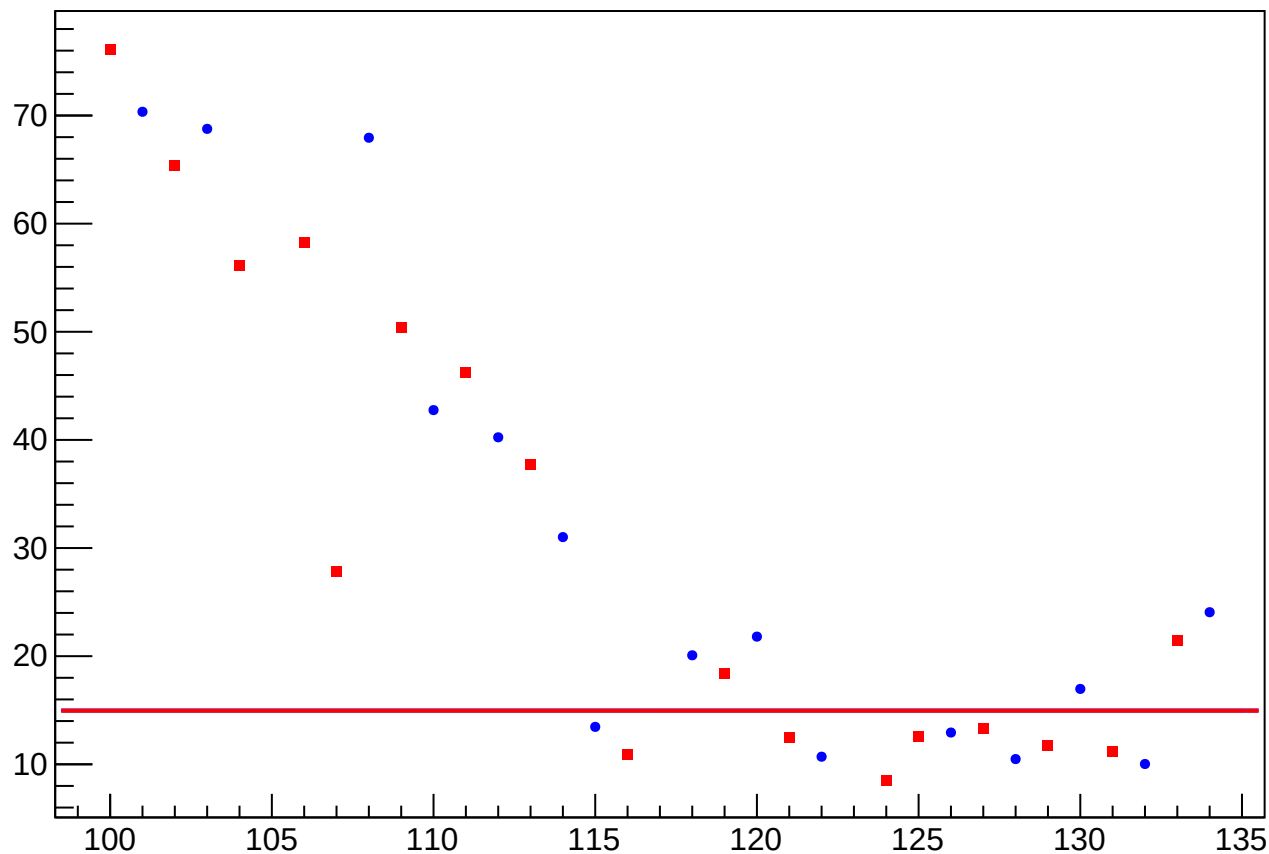
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.005 χ^2/NDF : 29.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 14.972+/-0.005 χ^2/NDF : 3437641.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.959+/-0.005 χ^2/NDF : 3492221.3/16

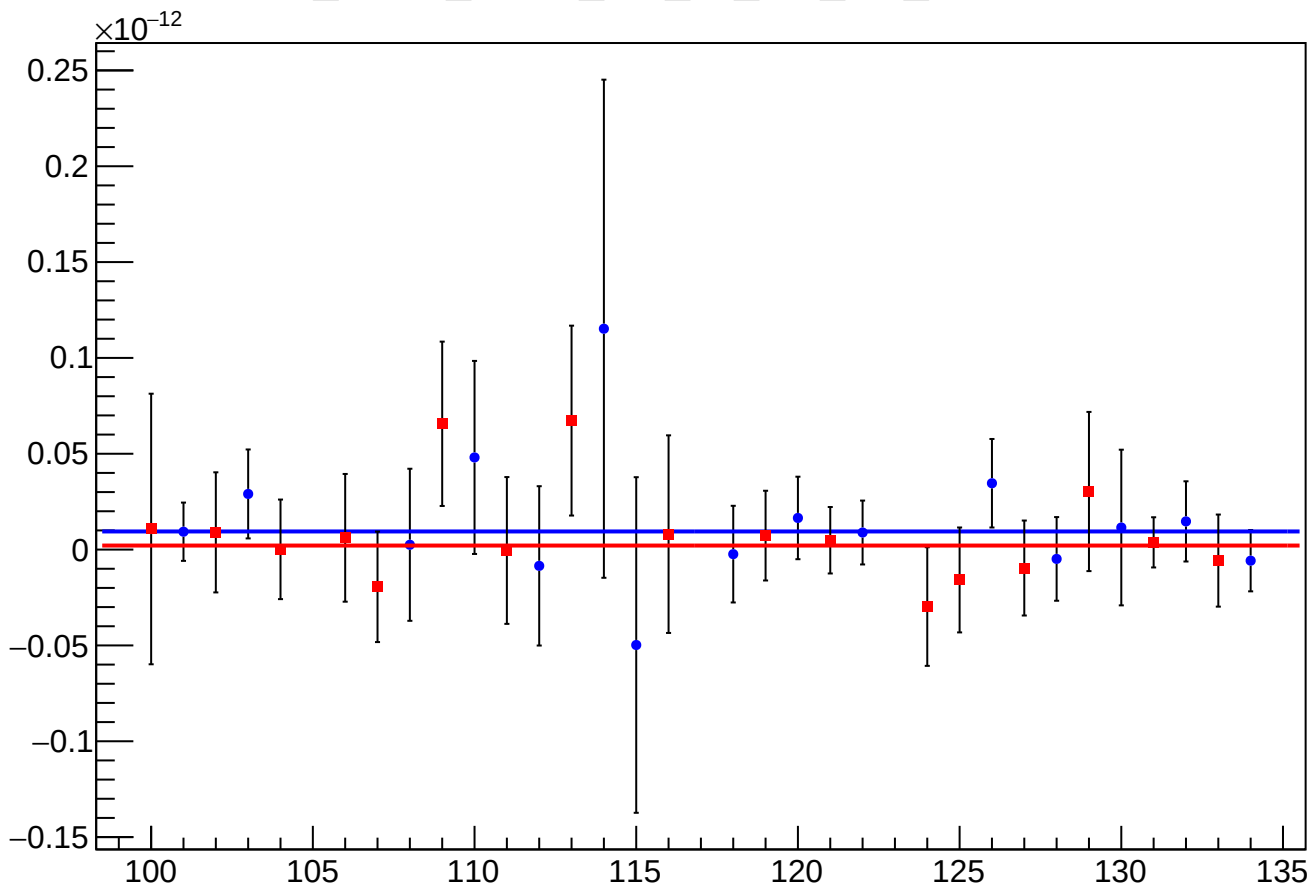
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.965+/-0.004 χ^2/NDF : 6929865.9/31

- sign 0.000+/-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: 7.0/16

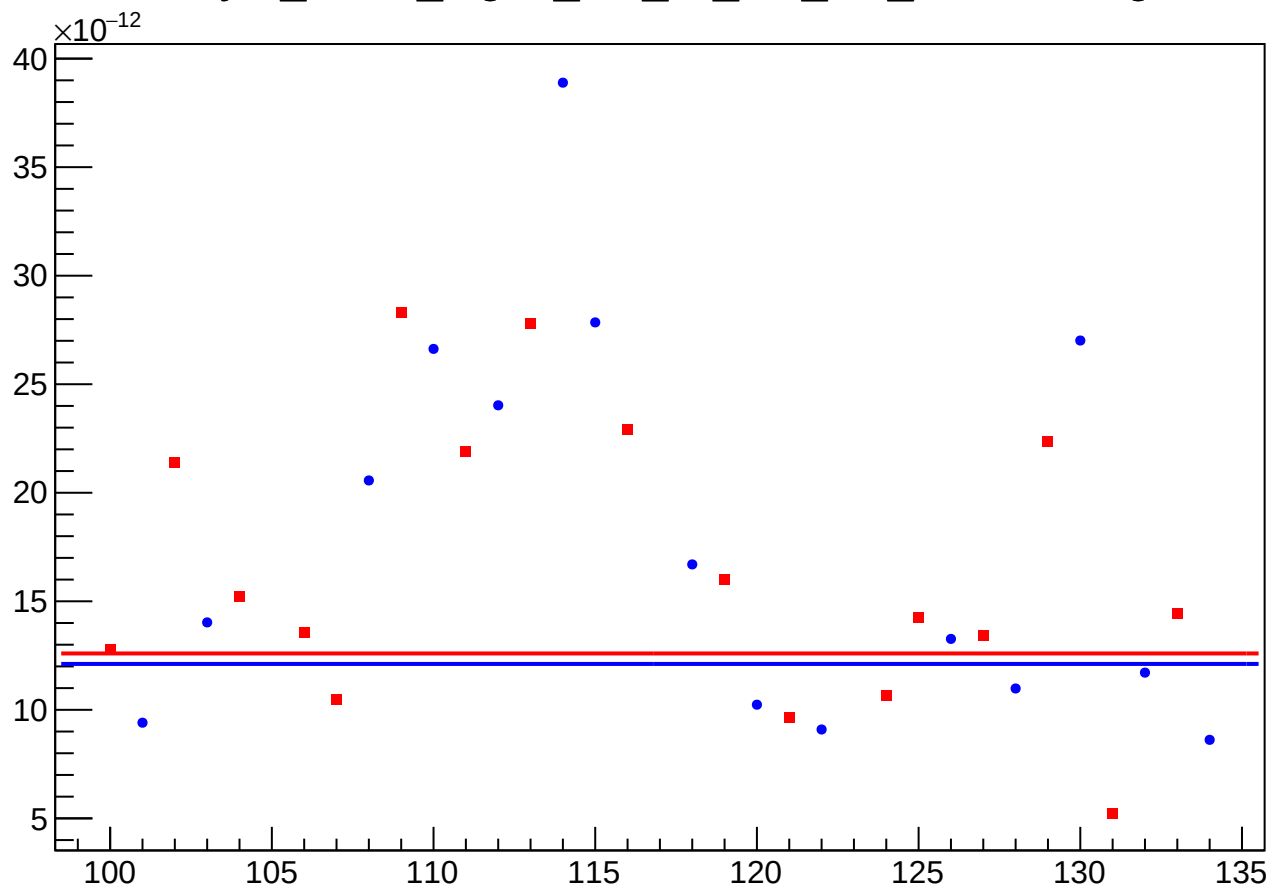
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.2/31

- 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 : 1719977.6/16

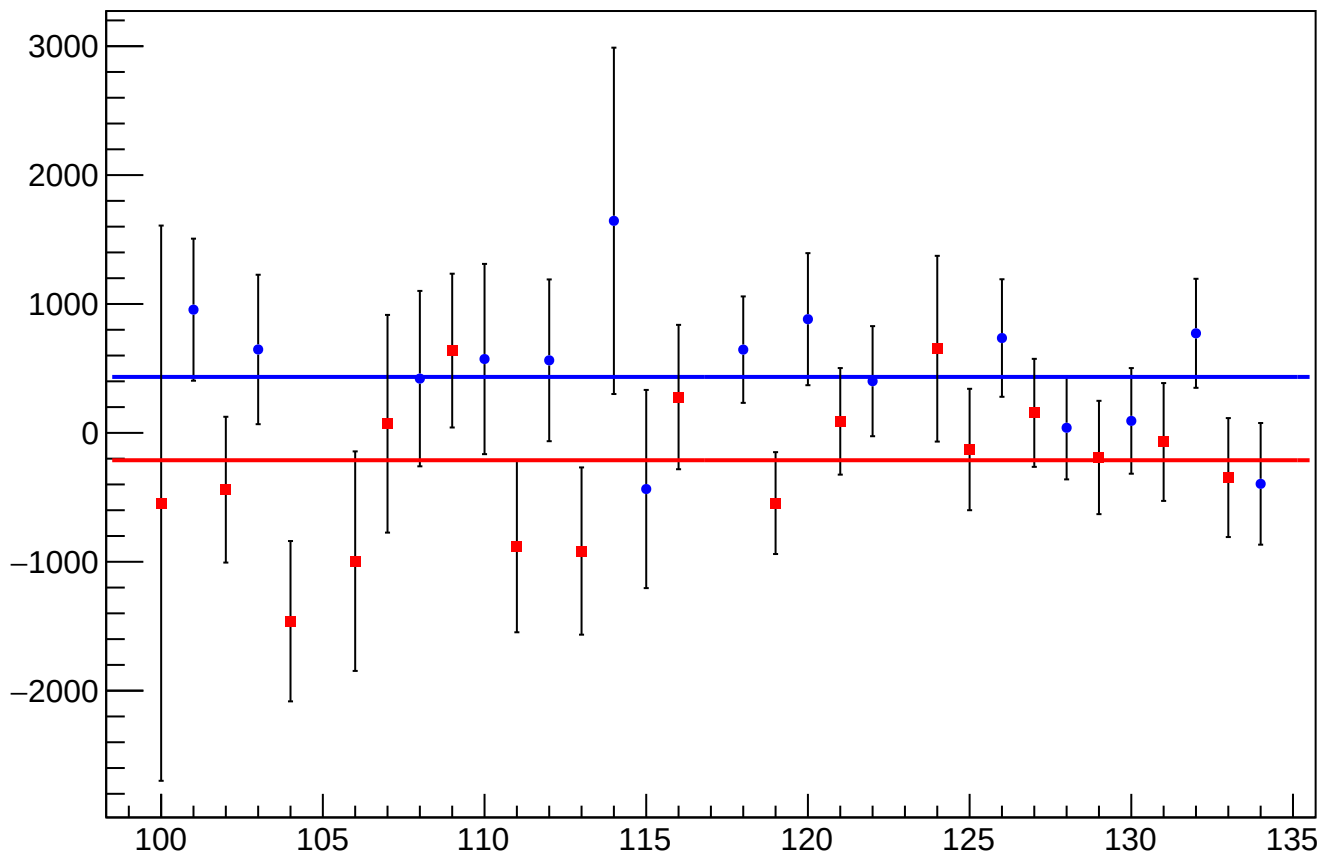
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2896513.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_mean vs Slug



Right In: 434.140 $\pm$ 132.112 χ^2 /NDF: 10.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -212.184 $\pm$ 130.871 χ^2 /NDF: 13.8/16

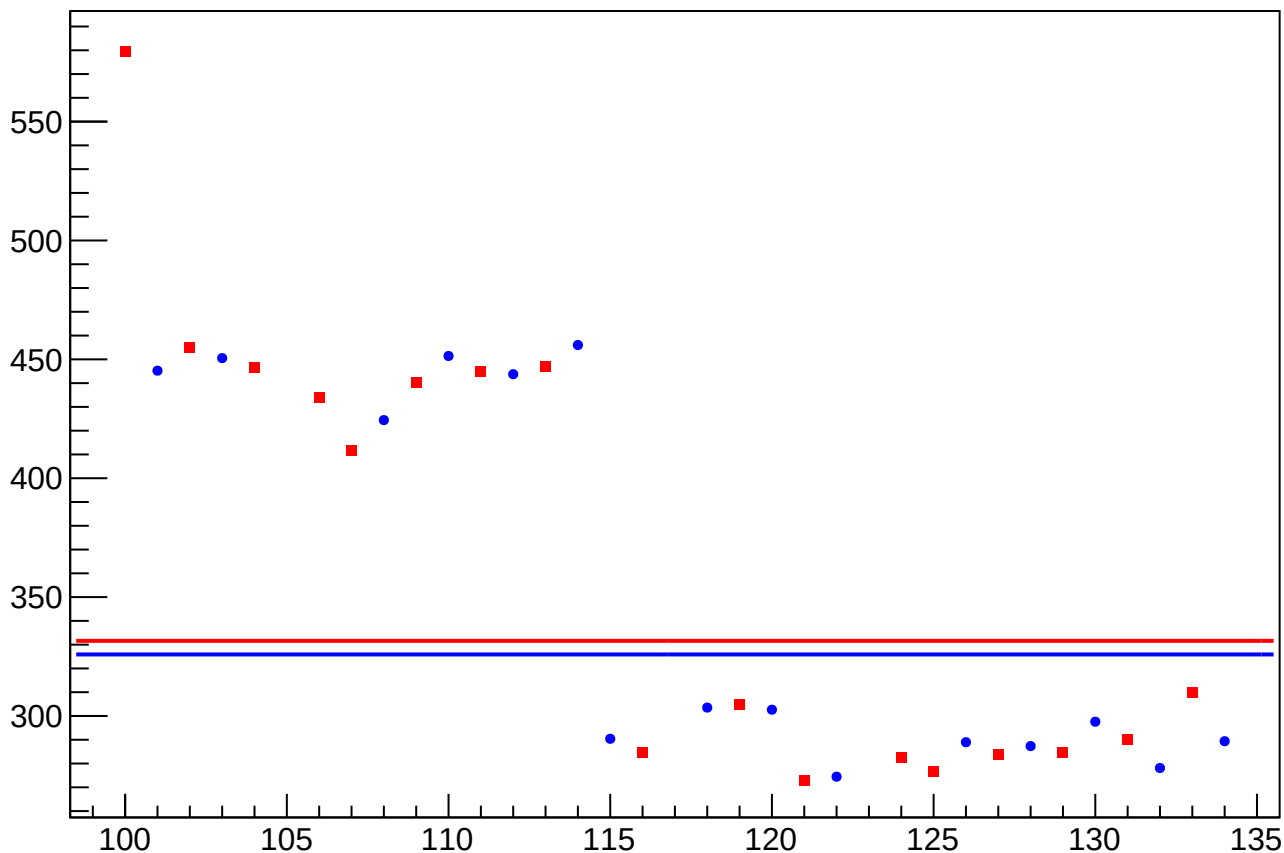
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 107.929 $\pm$ 92.975 χ^2 /NDF: 36.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam2_rms vs Slug



Right In: 325.881+/-0.093 χ^2/NDF : 497362.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 331.608+/-0.093 χ^2/NDF : 594610.8/16

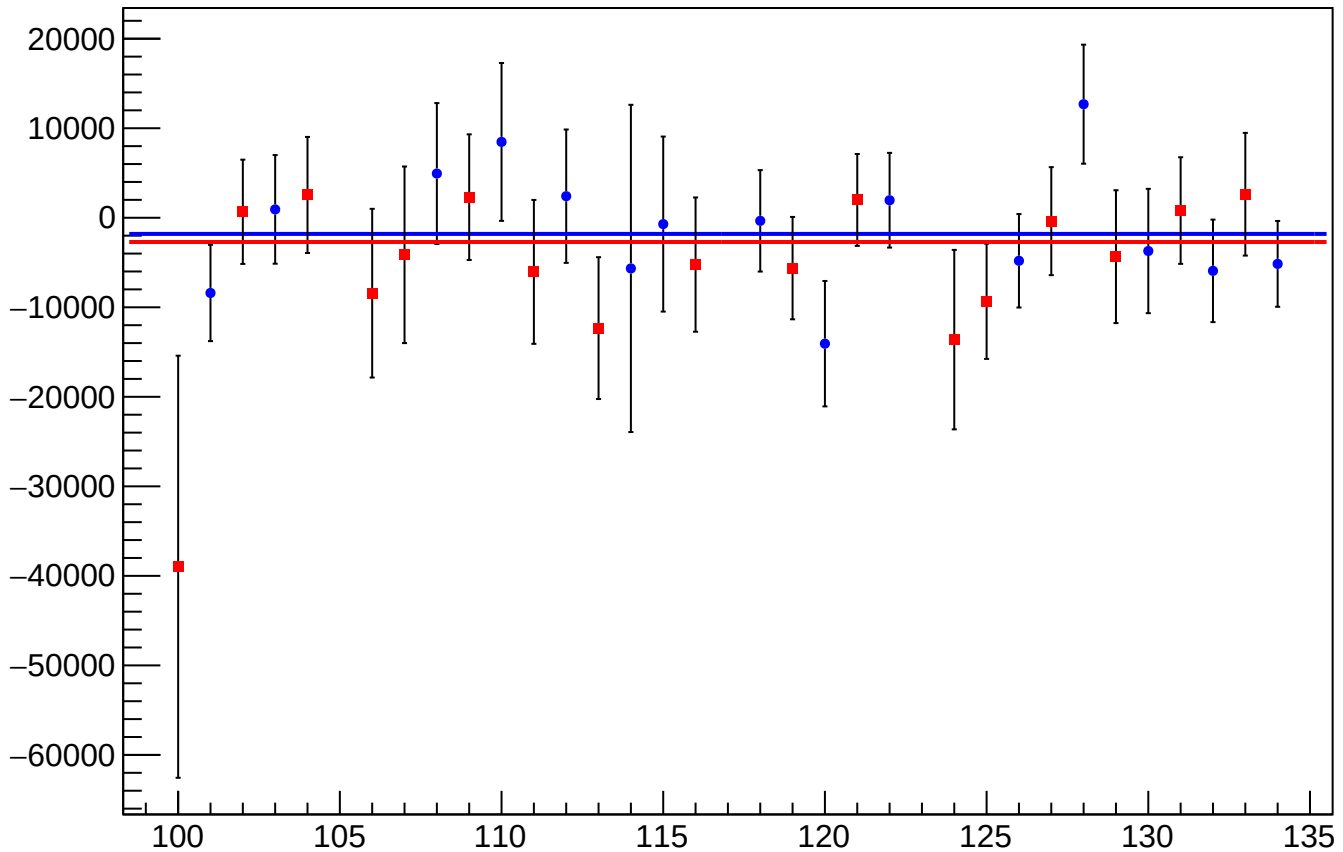
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.772+/-0.066 χ^2/NDF : 1093870.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_reg_correction_mean vs Slug



Right In: -1804.589 $\pm$ 1658.365 χ^2 /NDF: 14.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2707.972 $\pm$ 1705.094 χ^2 /NDF: 10.5/16

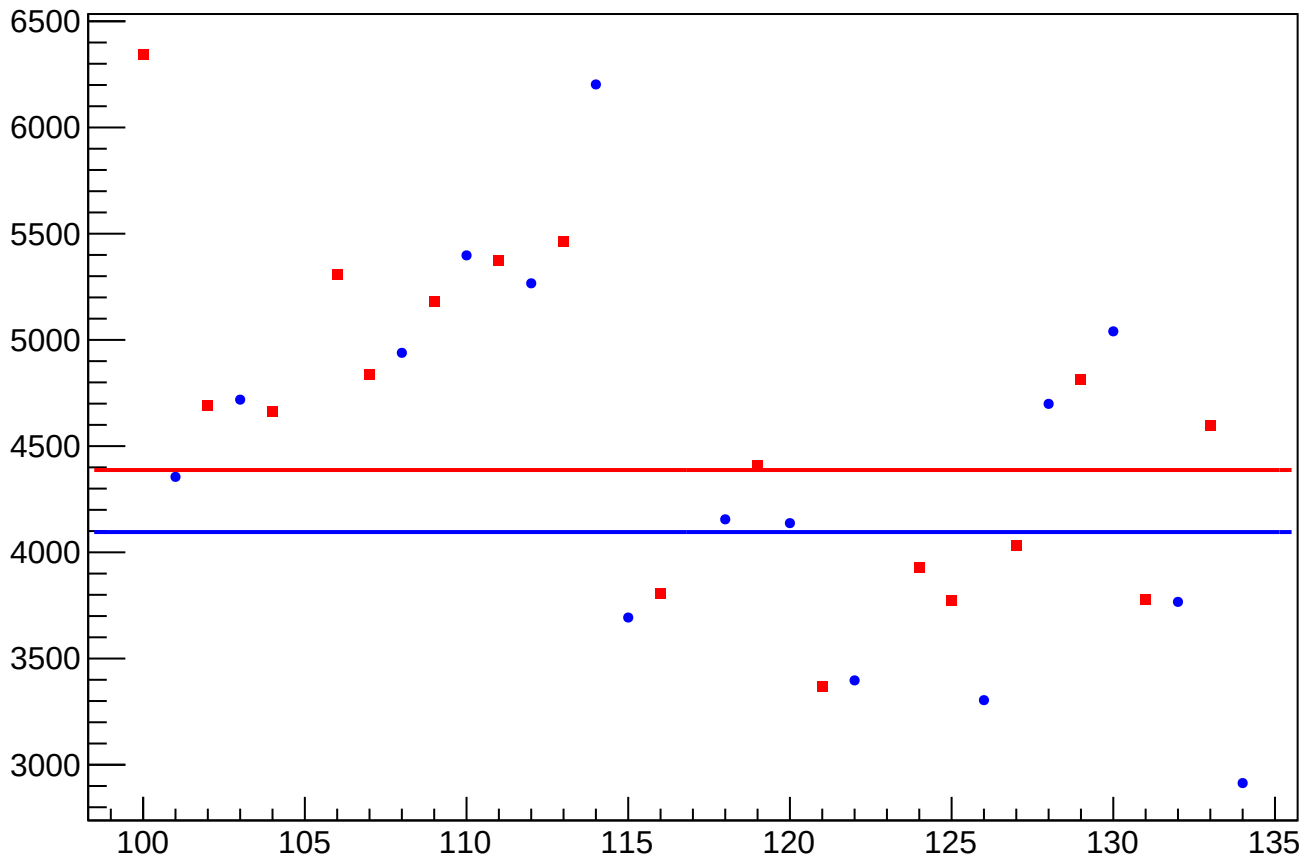
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2243.732 $\pm$ 1188.818 χ^2 /NDF: 24.6/31

- sign 0.000 $\pm$ 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

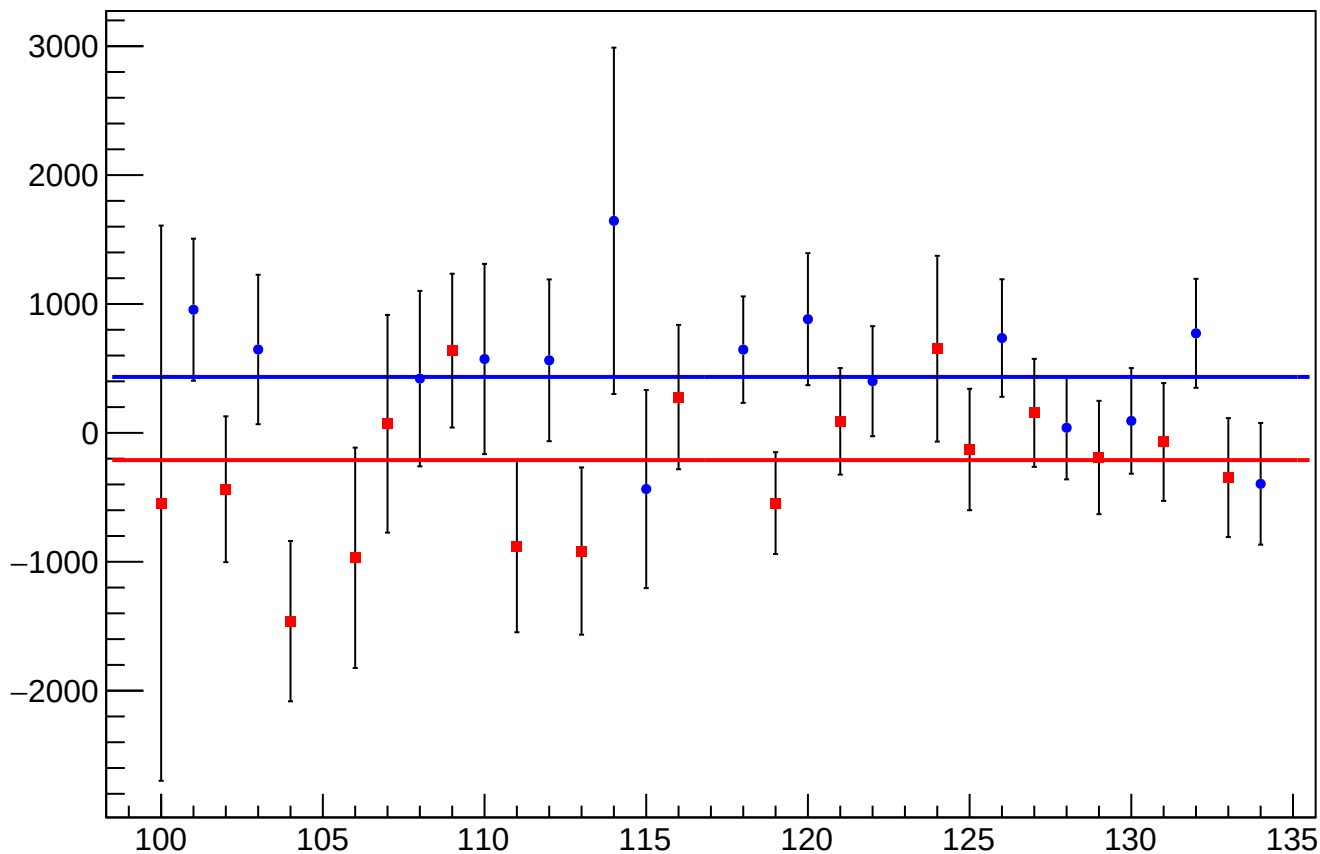
Right Out: 4387.475+/-1.206 χ^2/NDF : 288171.9/16

All: 4237.392+/-0.841 χ^2/NDF : 752968.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam2_mean vs Slug



Right In: 434.128 $\pm$ 132.112 χ^2 /NDF: 10.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -211.222 $\pm$ 130.886 χ^2 /NDF: 13.8/16

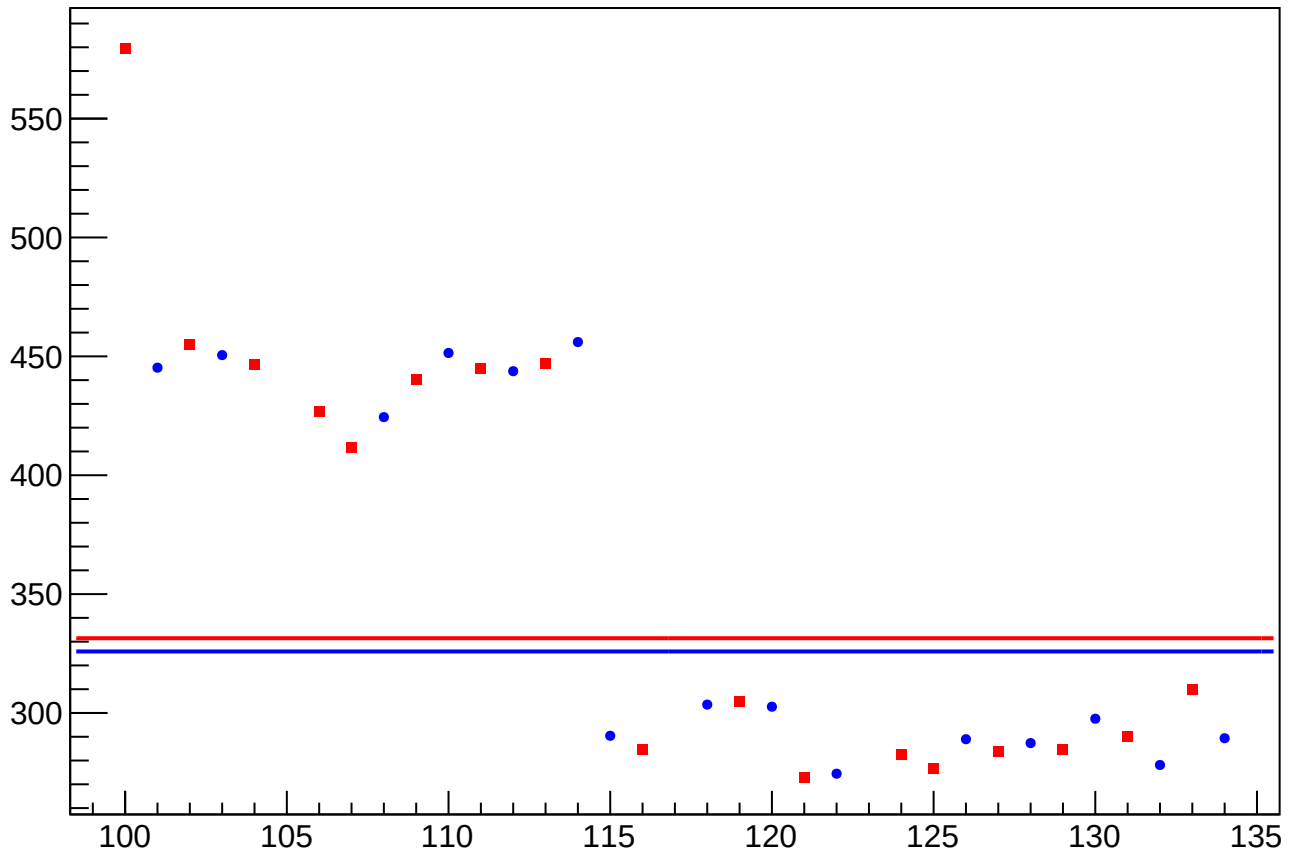
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 108.443 $\pm$ 92.981 χ^2 /NDF: 35.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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: 331.435+/-0.093 χ^2/NDF : 590925.3/16

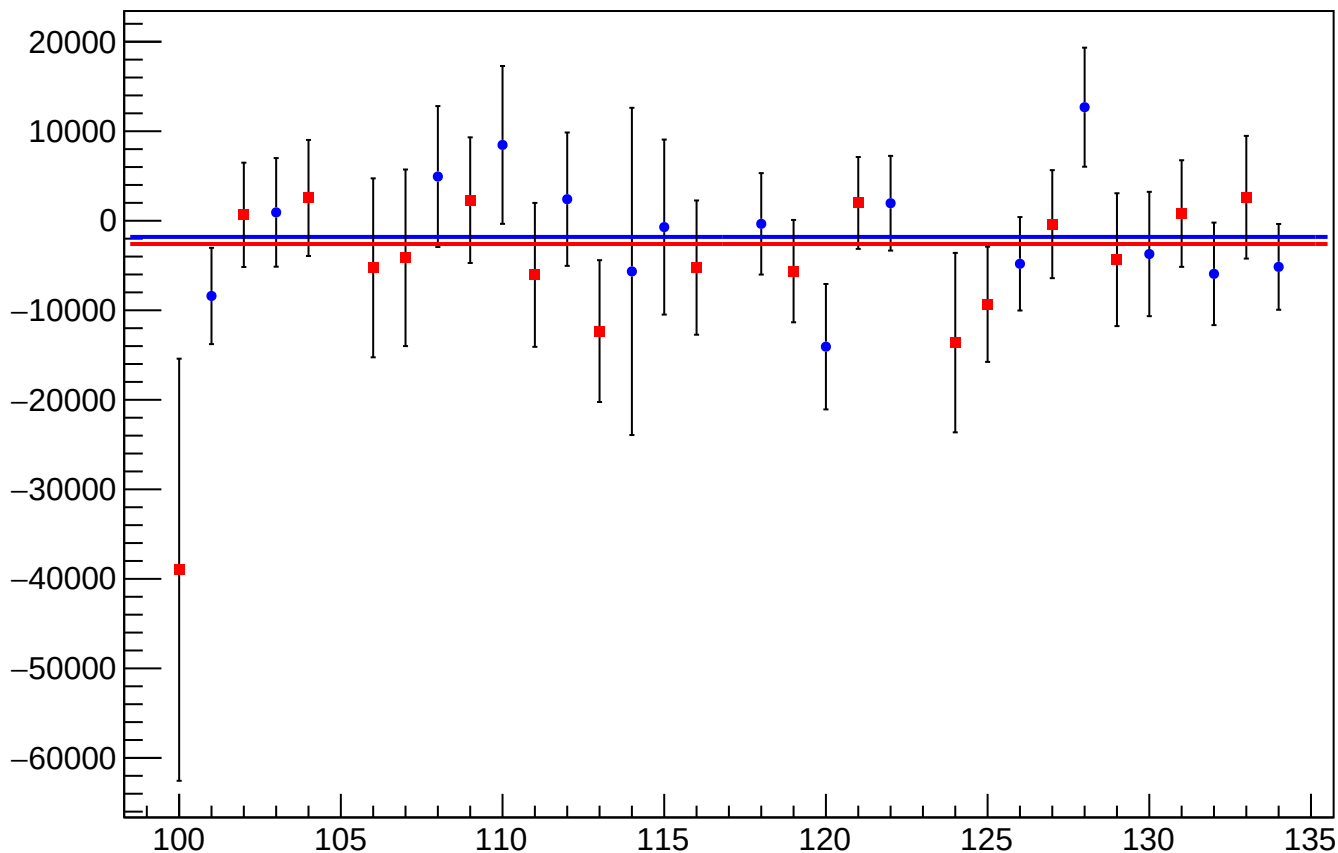
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.684+/-0.066 χ^2/NDF : 1090073.4/31

- sign 0.000+/-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

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

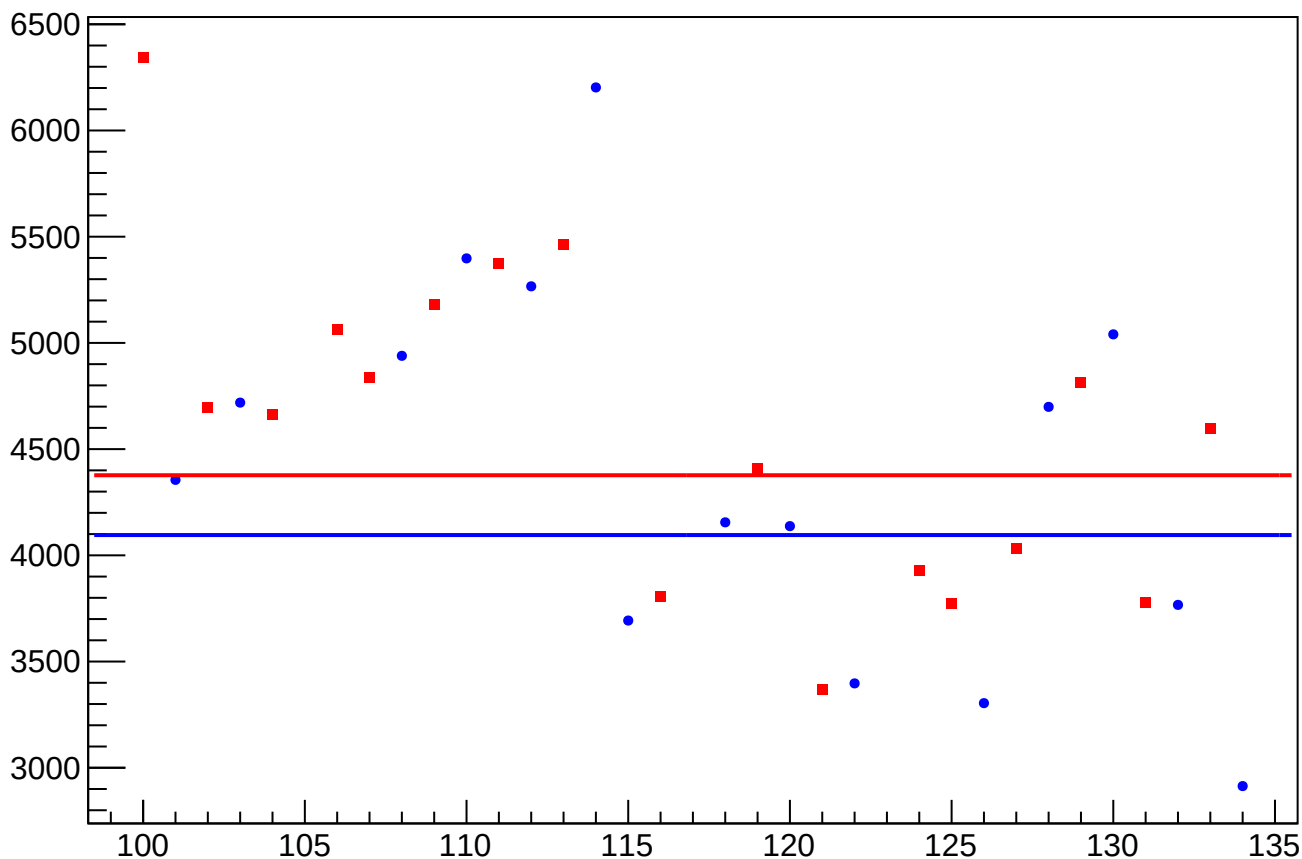
Right Out: -2595.408+/-1708.293 χ^2 /NDF: 10.2/16

All: -2188.207+/-1189.902 χ^2 /NDF: 24.3/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_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

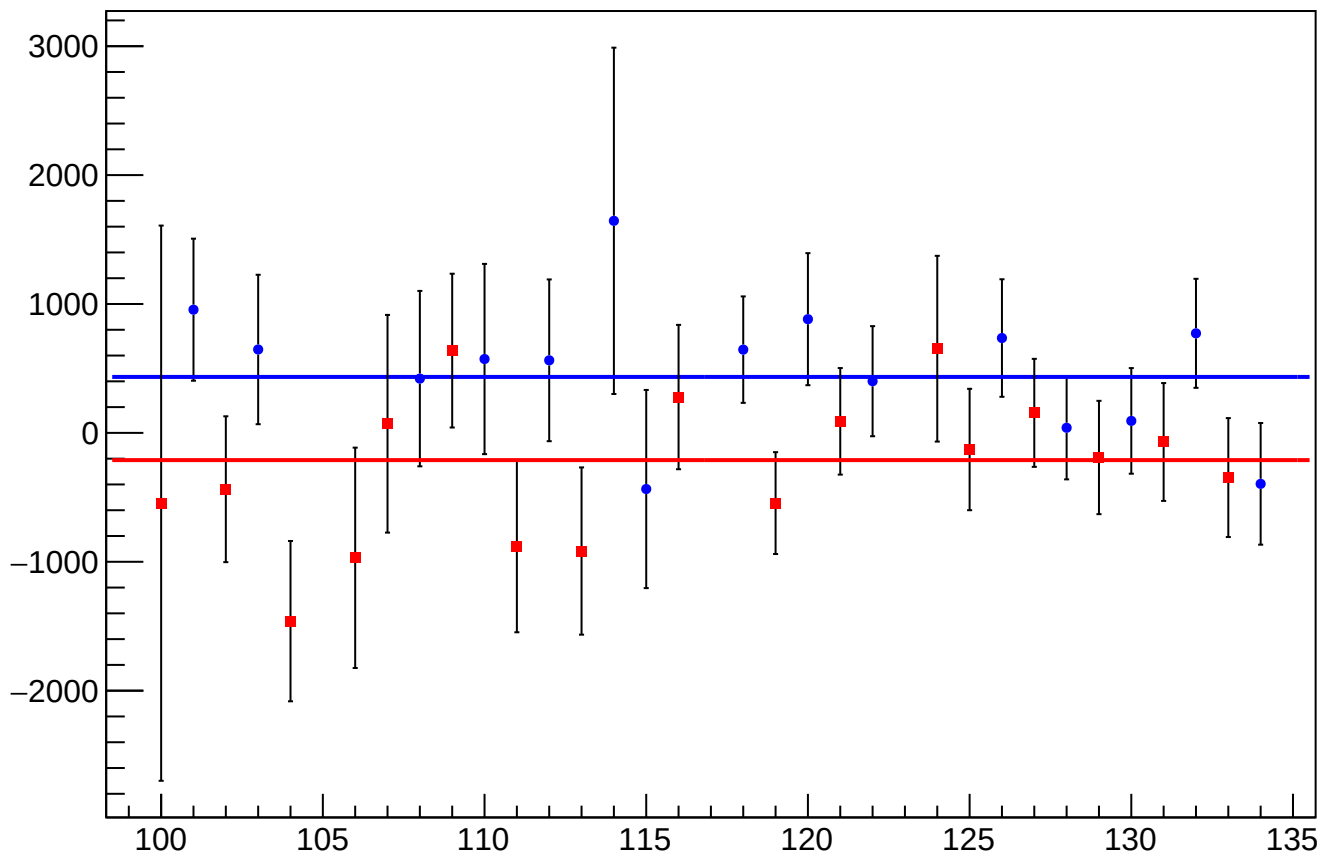
Right Out: 4377.095+/-1.208 χ^2/NDF : 278165.7/16

All: 4232.088+/-0.841 χ^2/NDF : 740810.8/31

- 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_sam2_mean vs Slug



Right In: 434.128 $\pm$ 132.112 χ^2 /NDF: 10.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -211.222 $\pm$ 130.886 χ^2 /NDF: 13.8/16

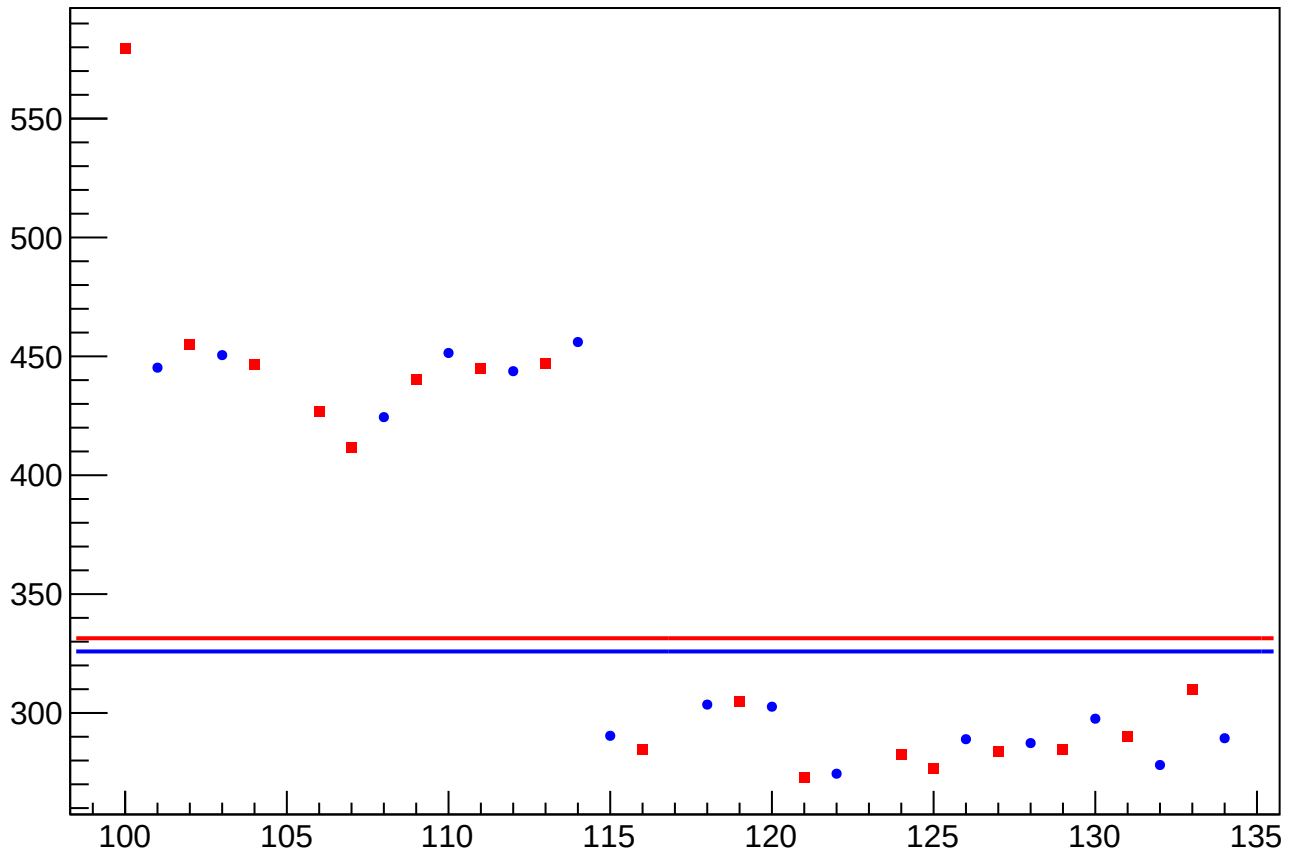
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 108.443 $\pm$ 92.981 χ^2 /NDF: 35.9/31

- sign 0.000 $\pm$ 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: 331.435+/-0.093 χ^2/NDF : 590925.3/16

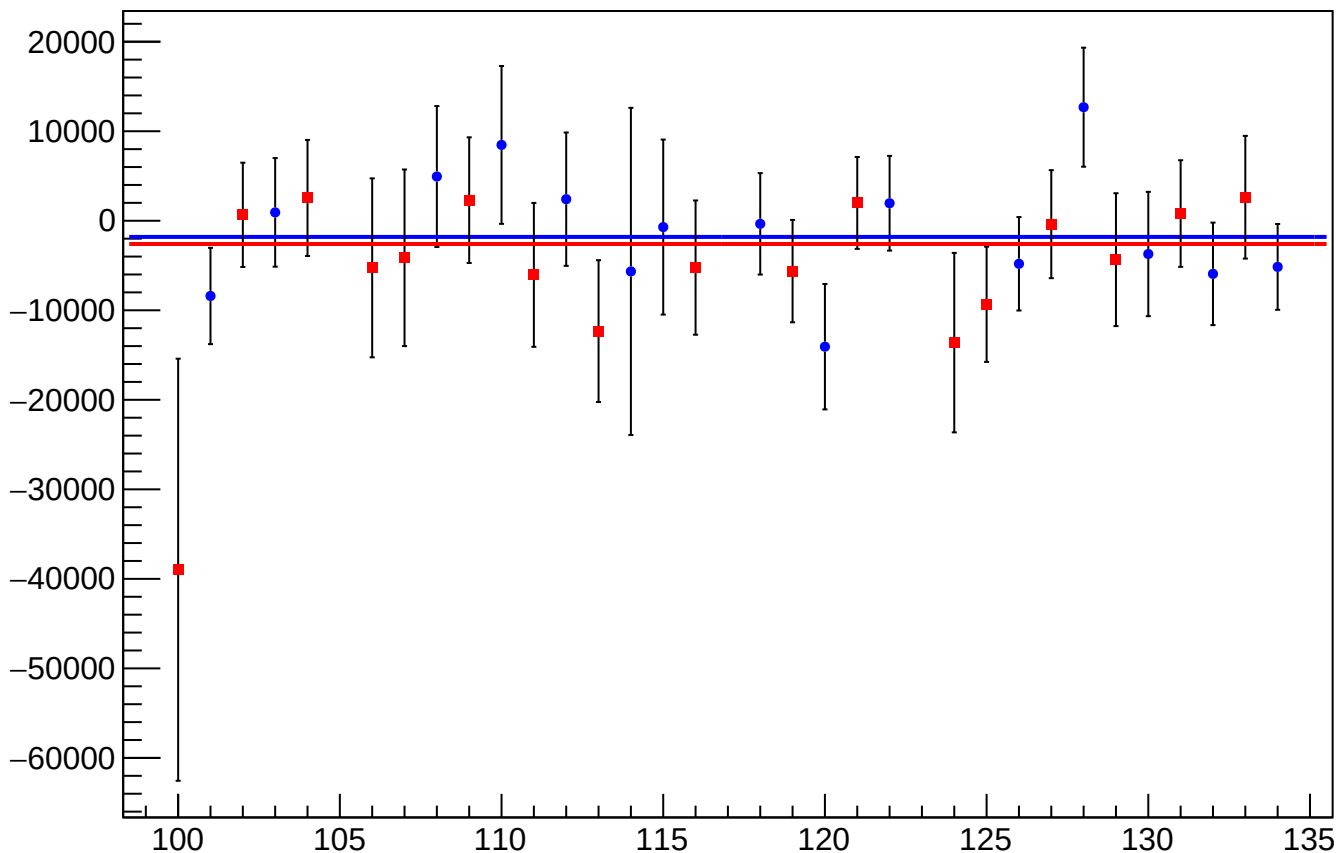
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.684+/-0.066 χ^2/NDF : 1090073.4/31

- 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: -2595.408+/-1708.293 χ^2 /NDF: 10.2/16

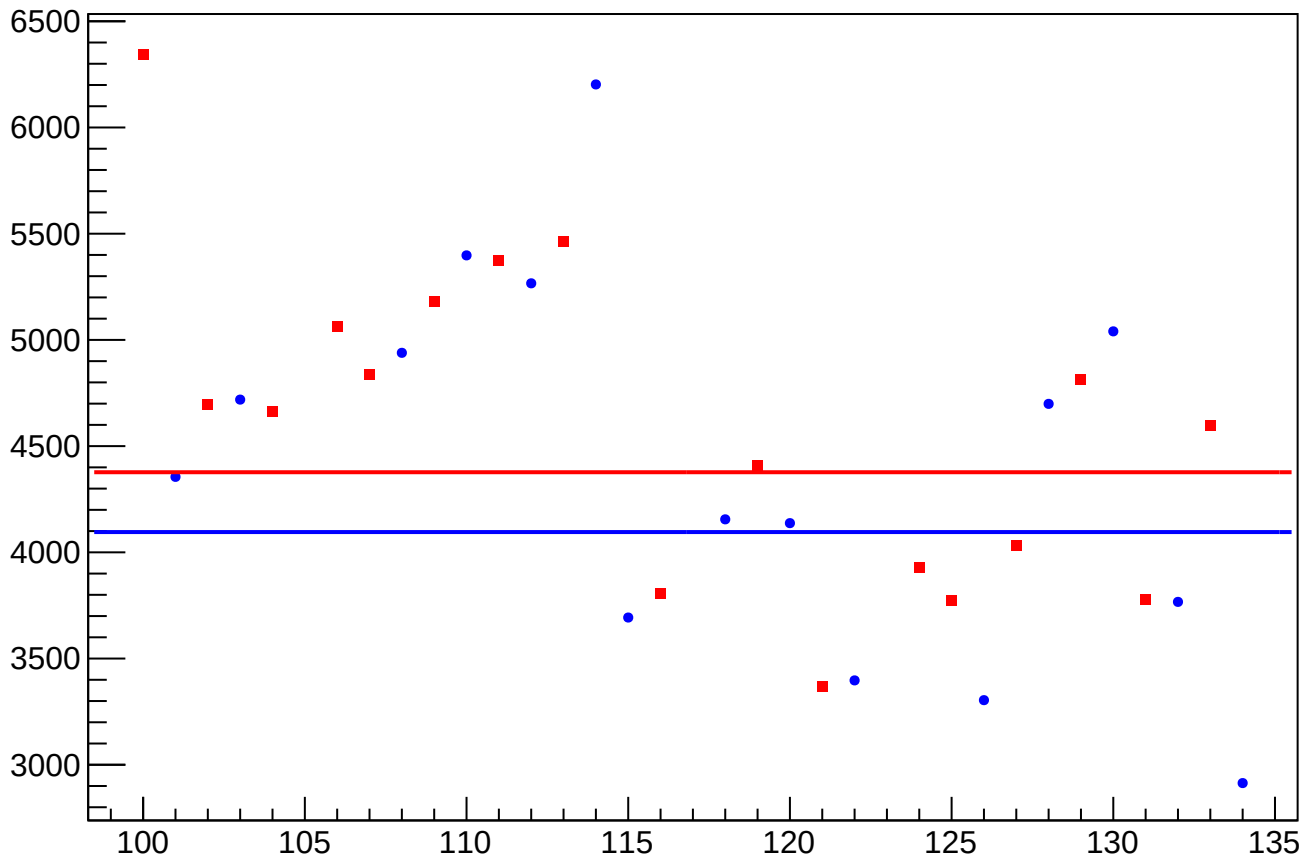
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2188.207+/-1189.902 χ^2 /NDF: 24.3/31

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

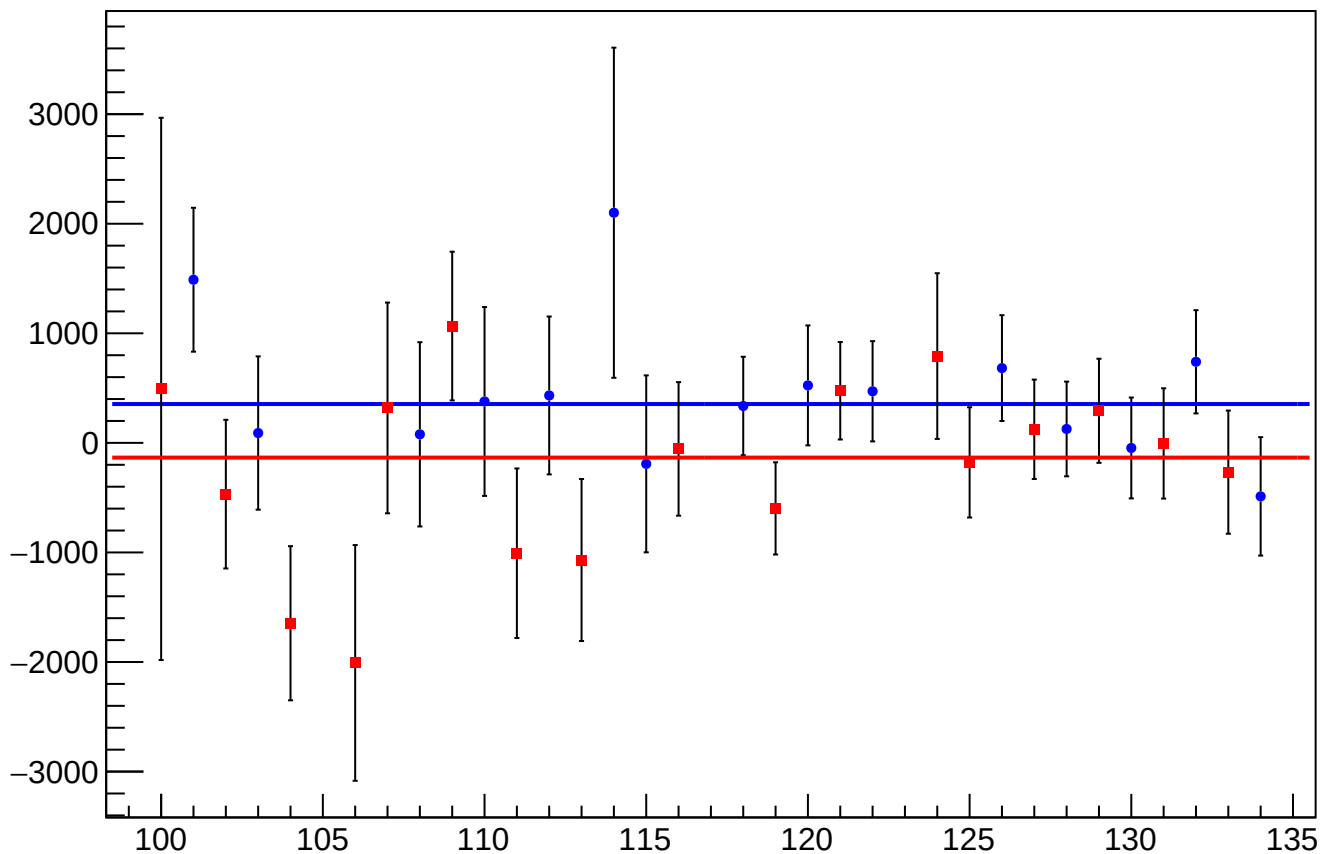
Right Out: 4377.095+/-1.208 χ^2/NDF : 278165.7/16

All: 4232.088+/-0.841 χ^2/NDF : 740810.8/31

- 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_sam2_mean vs Slug



Right In: 354.456 ± 146.821 χ^2/NDF : 9.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -134.401 ± 145.134 χ^2/NDF : 20.1/16

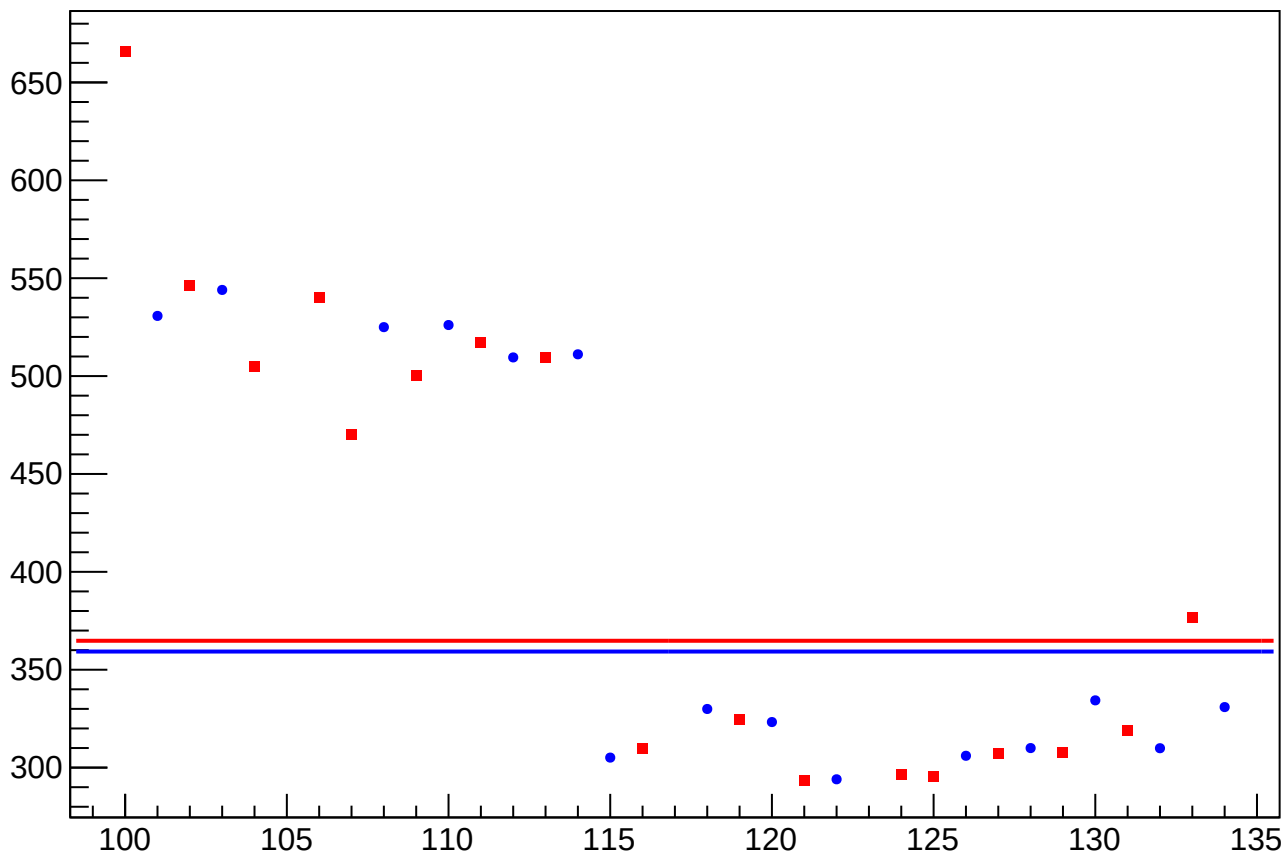
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 107.203 ± 103.216 χ^2/NDF : 35.5/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam2_rms vs Slug



Right In: 359.288+/-0.104 χ^2/NDF : 686218.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 364.788+/-0.103 χ^2/NDF : 782350.9/16

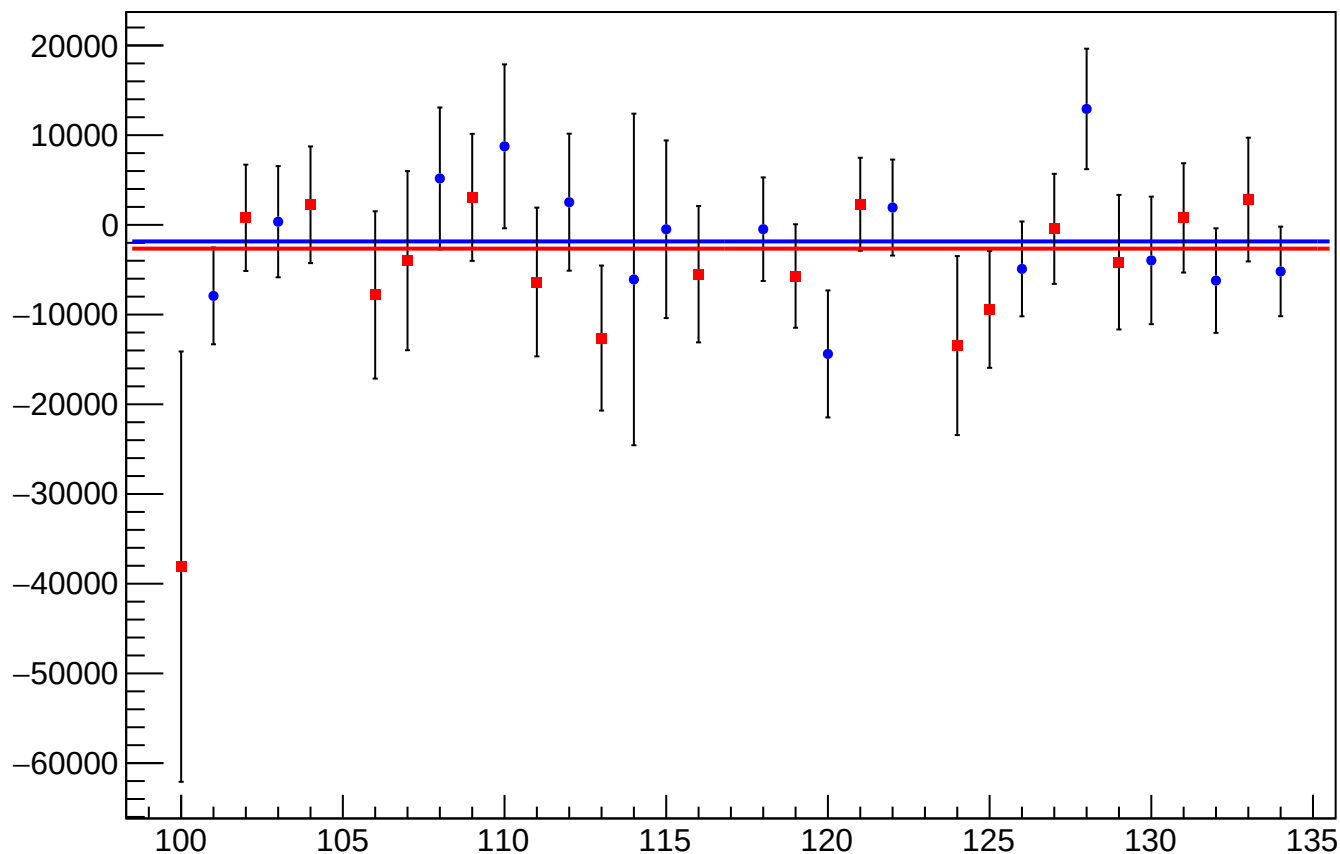
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.070+/-0.073 χ^2/NDF : 1469989.2/31

- sign 0.000+/-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: -2646.419+/-1725.834 χ^2 /NDF: 10.5/16

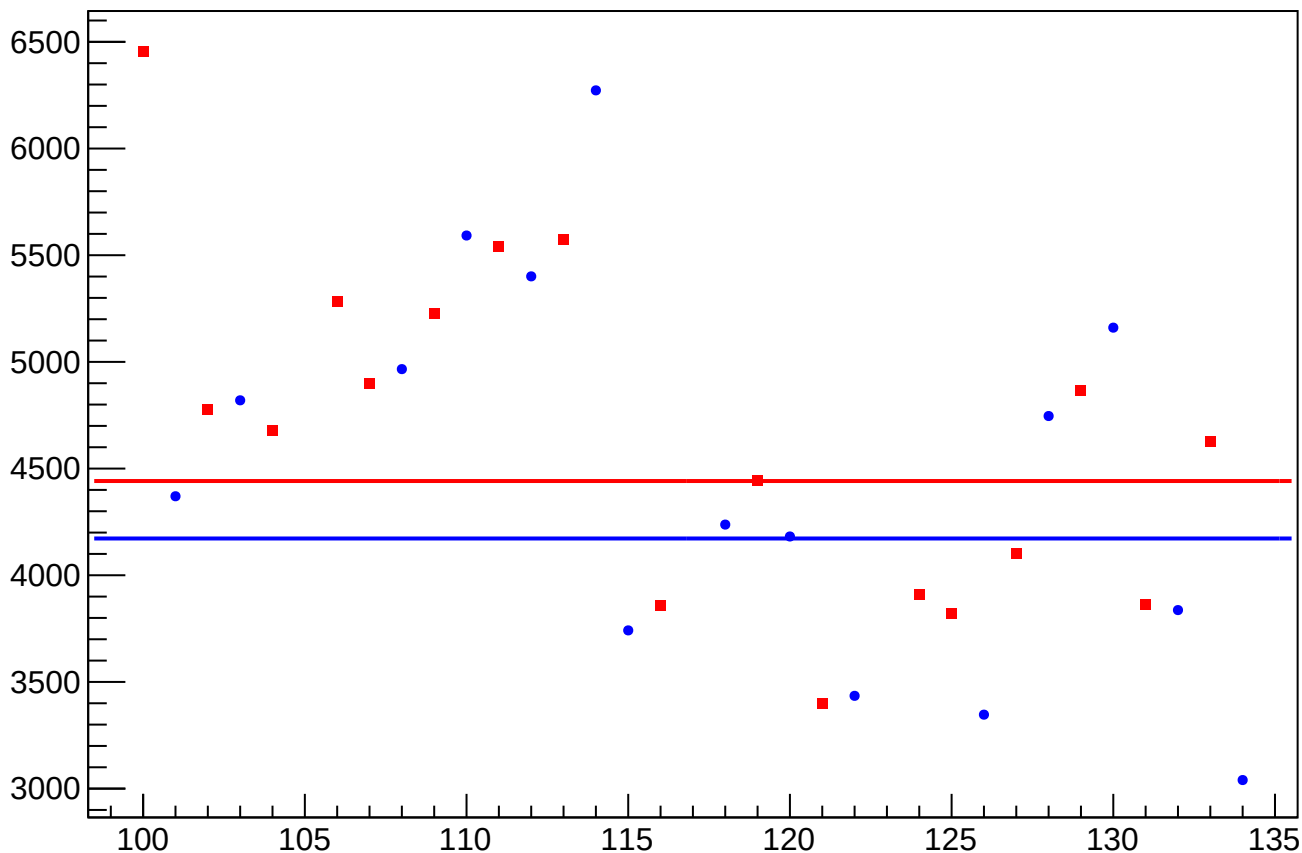
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2236.467+/-1206.859 χ^2 /NDF: 24.5/31

- 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

Right Out: 4441.651+/-1.220 χ^2/NDF : 290790.0/16

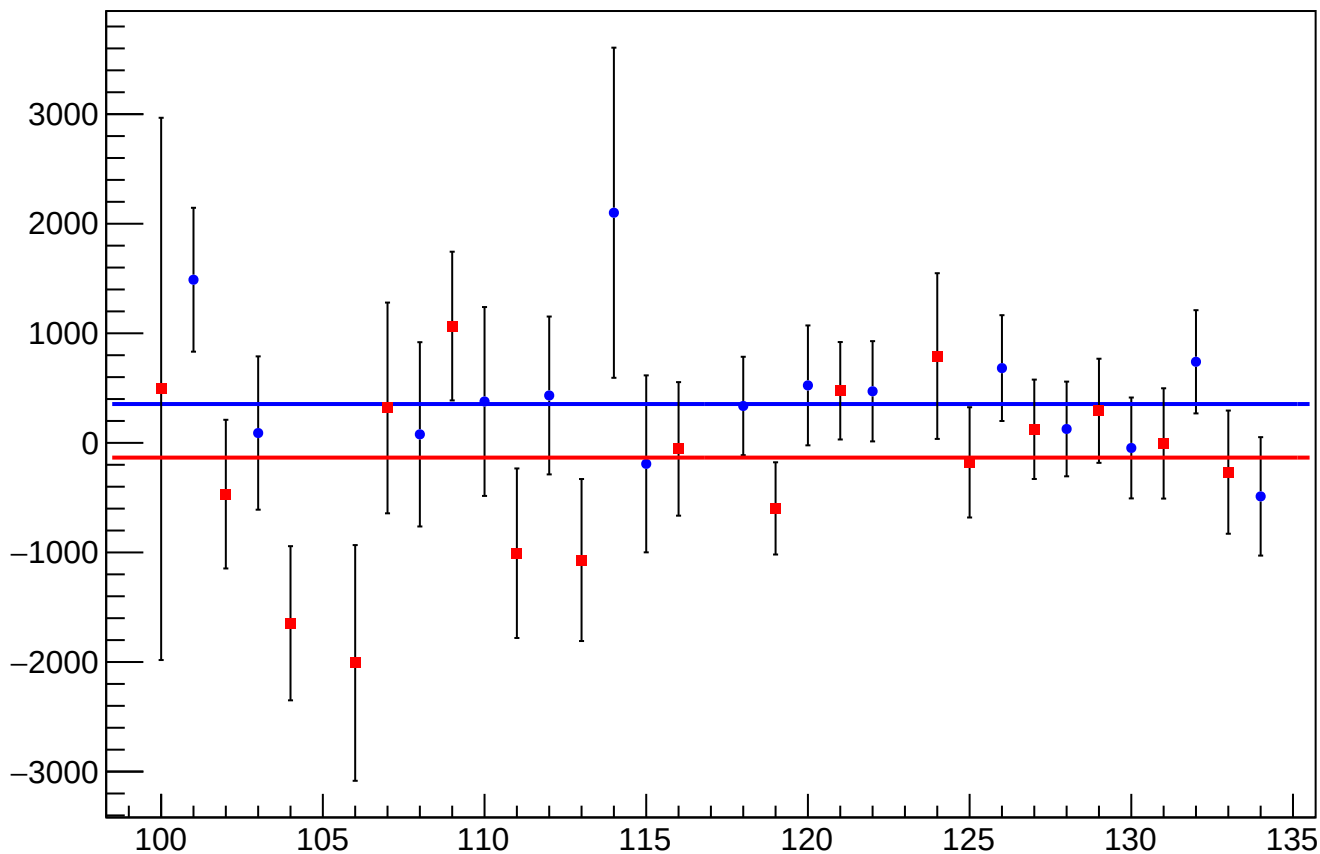
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4304.022+/-0.853 χ^2/NDF : 739917.3/31

- sign 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: -134.398 $\pm$ 145.133 χ^2 /NDF: 20.1/16

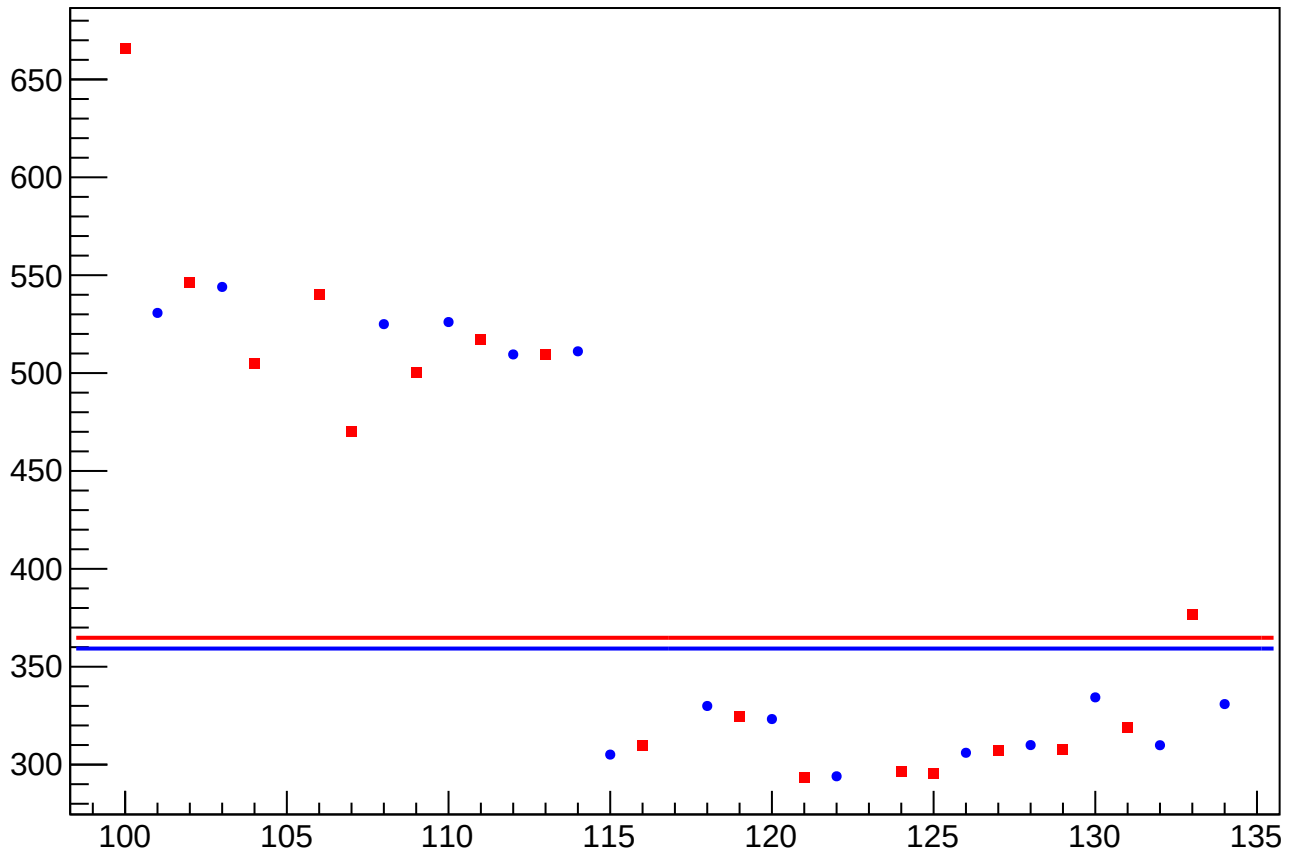
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 107.206 $\pm$ 103.216 χ^2 /NDF: 35.5/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam2_rms vs Slug



Right In: 359.285+/-0.104 χ^2/NDF : 686216.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 364.786+/-0.103 χ^2/NDF : 782342.9/16

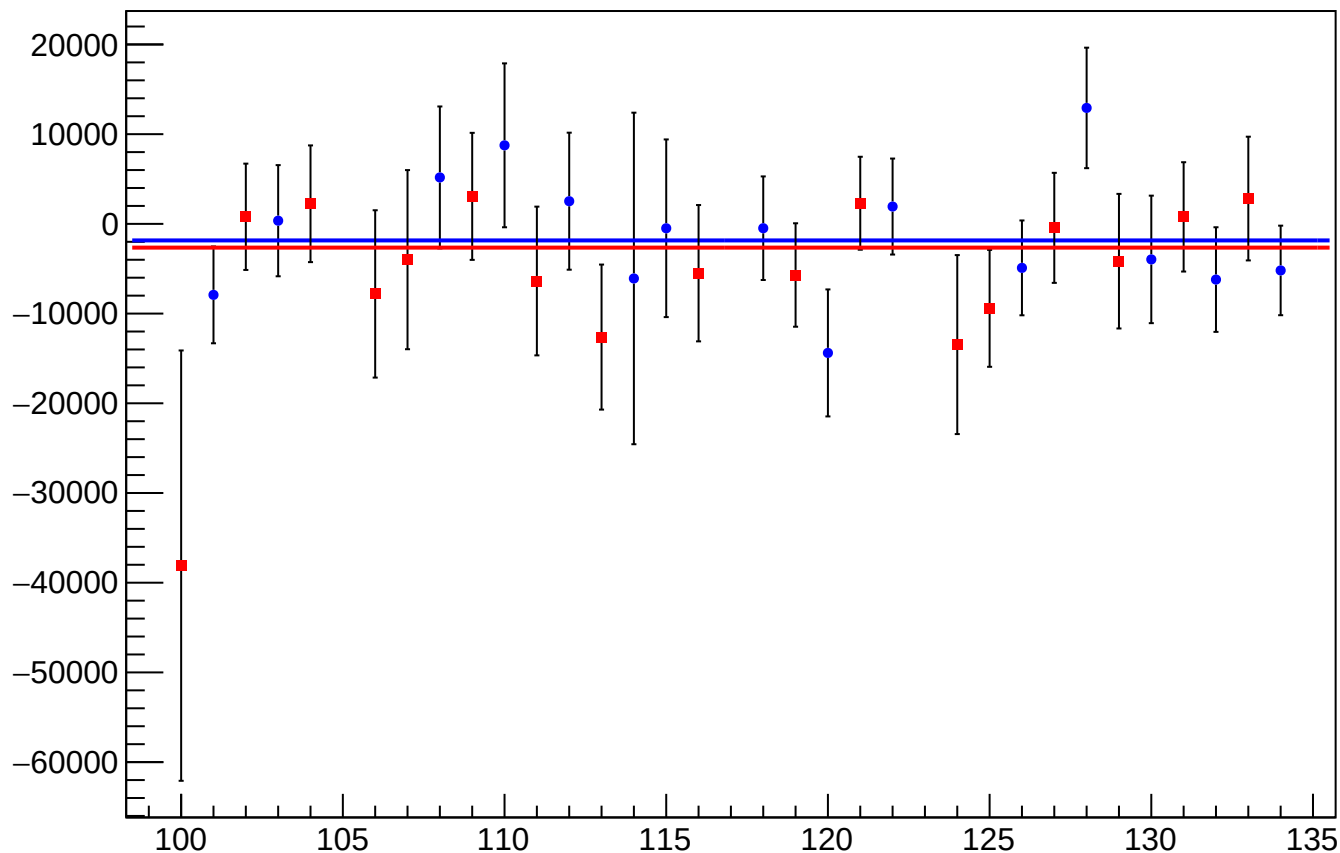
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.067+/-0.073 χ^2/NDF : 1469979.8/31

- sign 0.000+/-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

Right Out: -2646.414+/-1725.830 χ^2/NDF : 10.5/16

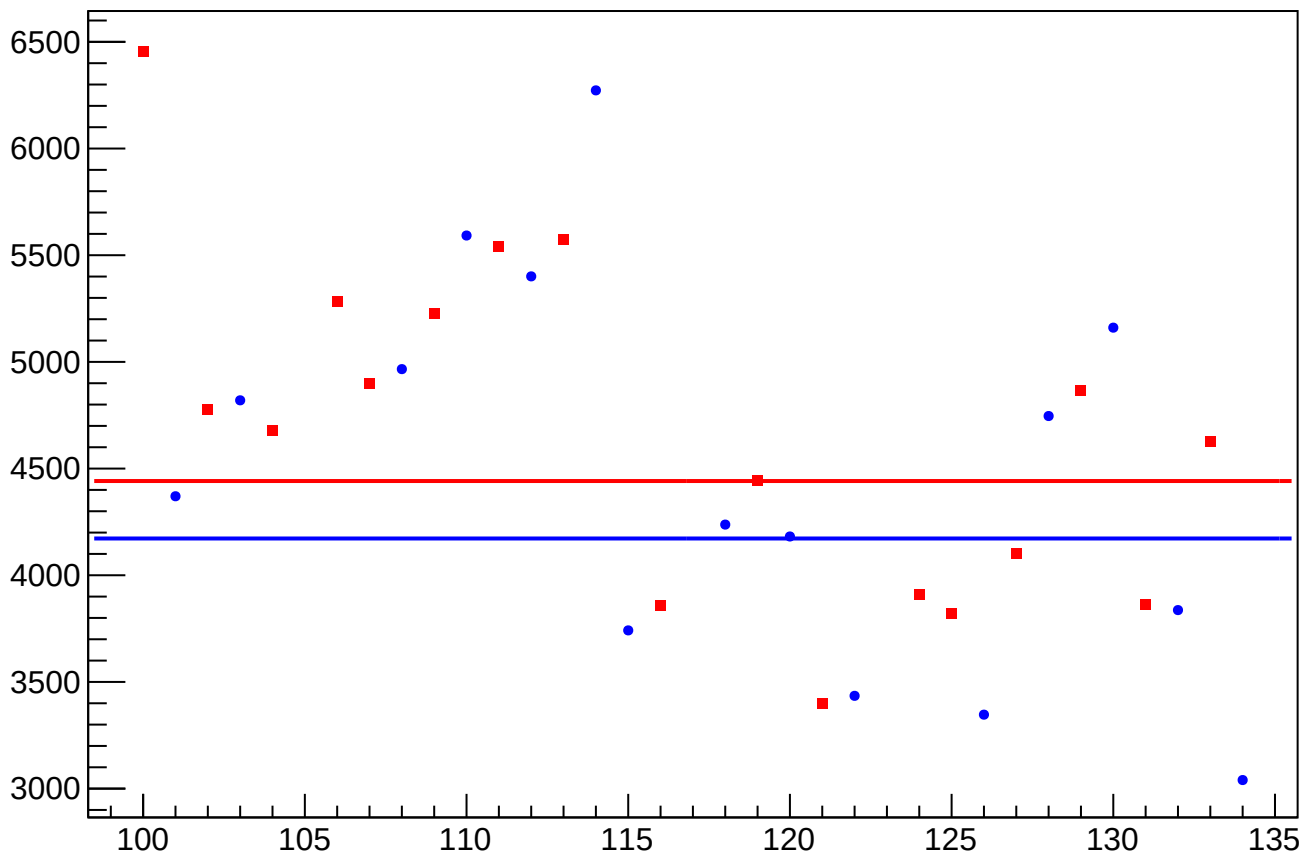
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2236.462+/-1206.856 χ^2/NDF : 24.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_dit_correction_rms vs Slug



Right In: 4172.306 $\pm$ 1.194 χ^2 /NDF: 424227.7/14

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

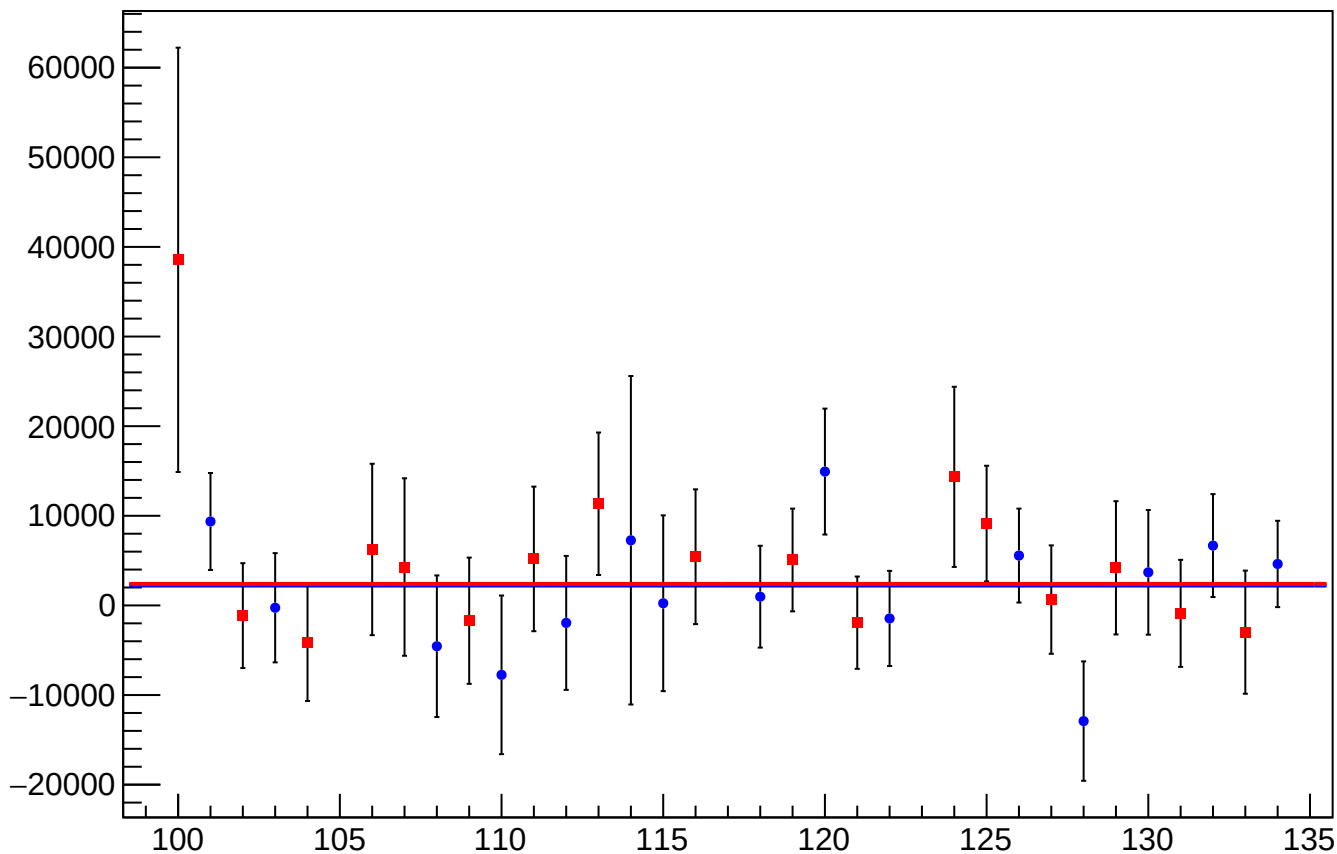
Right Out: 4441.642 $\pm$ 1.220 χ^2 /NDF: 290785.9/16

All: 4304.013 $\pm$ 0.853 χ^2 /NDF: 739904.3/31

- 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_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: 2399.080+/-1711.209 χ^2/NDF : 10.3/16

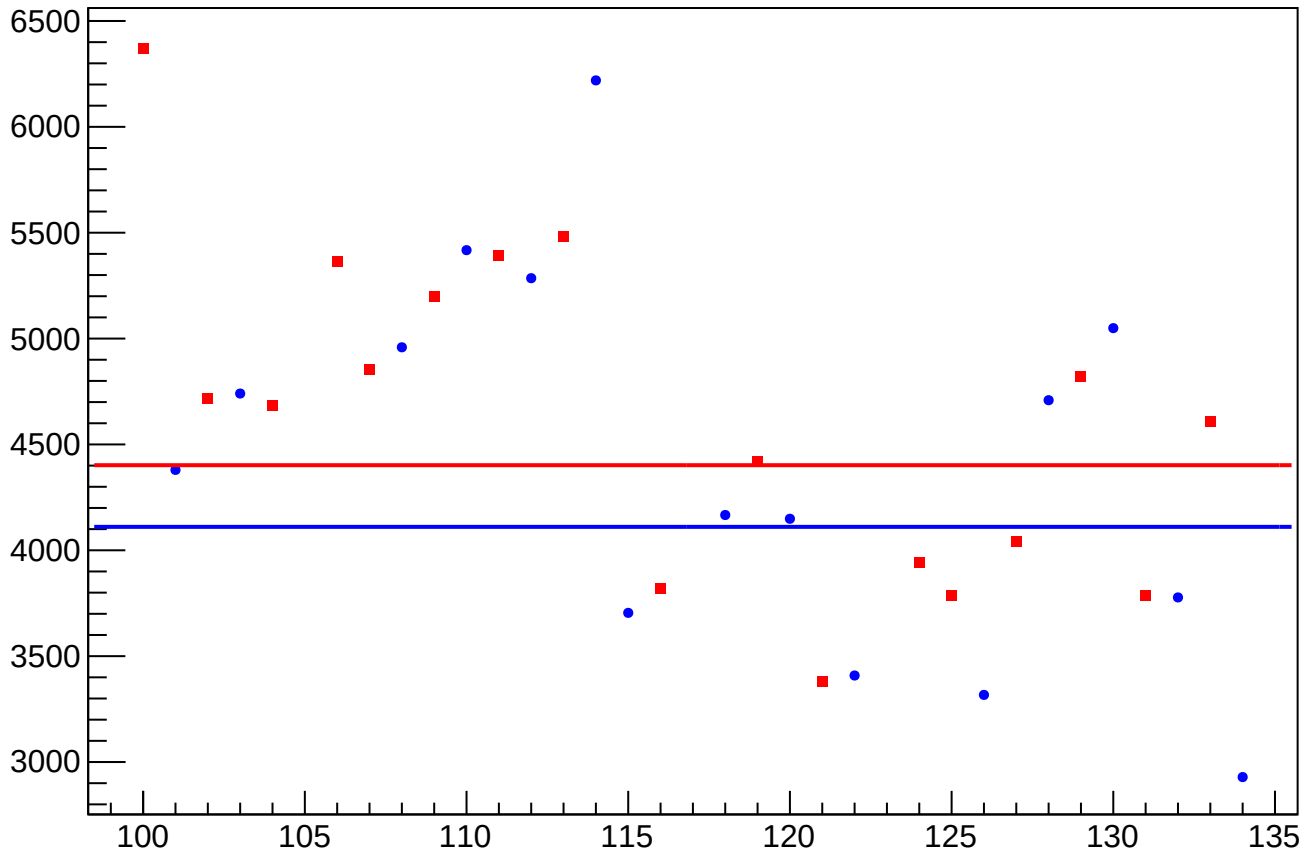
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2307.341+/-1193.112 χ^2/NDF : 24.9/31

- 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

Right Out: 4401.950+/-1.210 χ^2/NDF : 289932.4/16

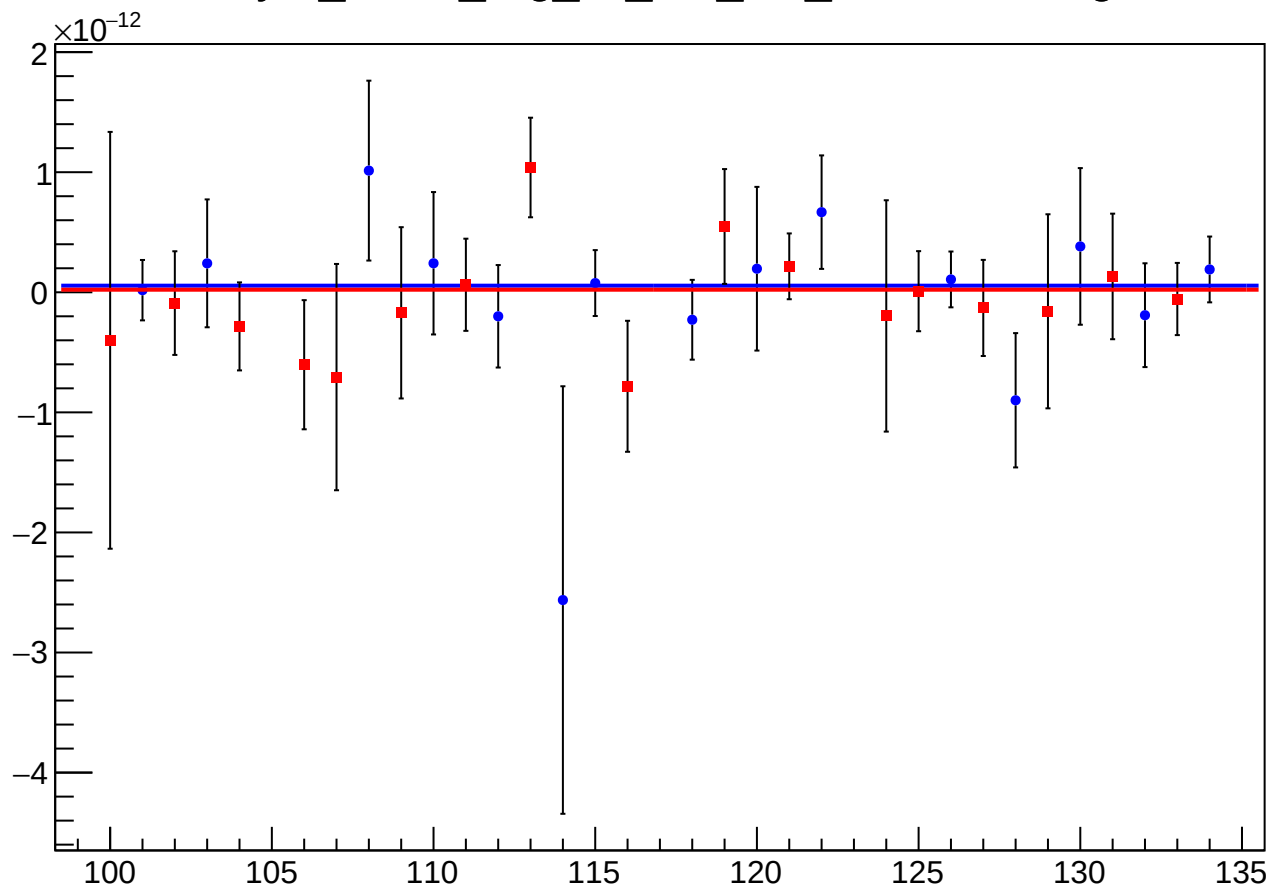
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4252.286+/-0.844 χ^2/NDF : 752799.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_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 : 13.1/16

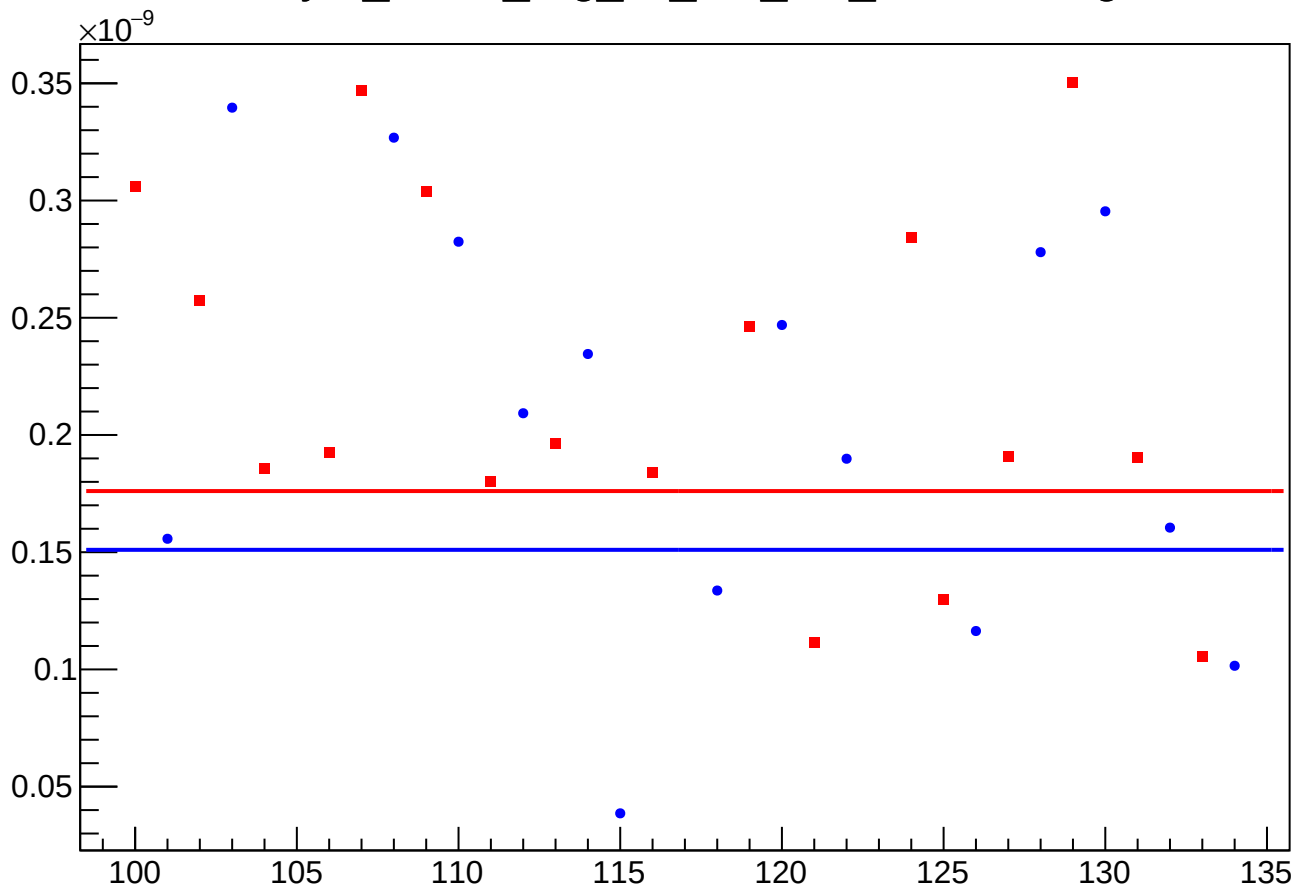
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 23.8/31

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam2_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1207534.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 646033.4/16

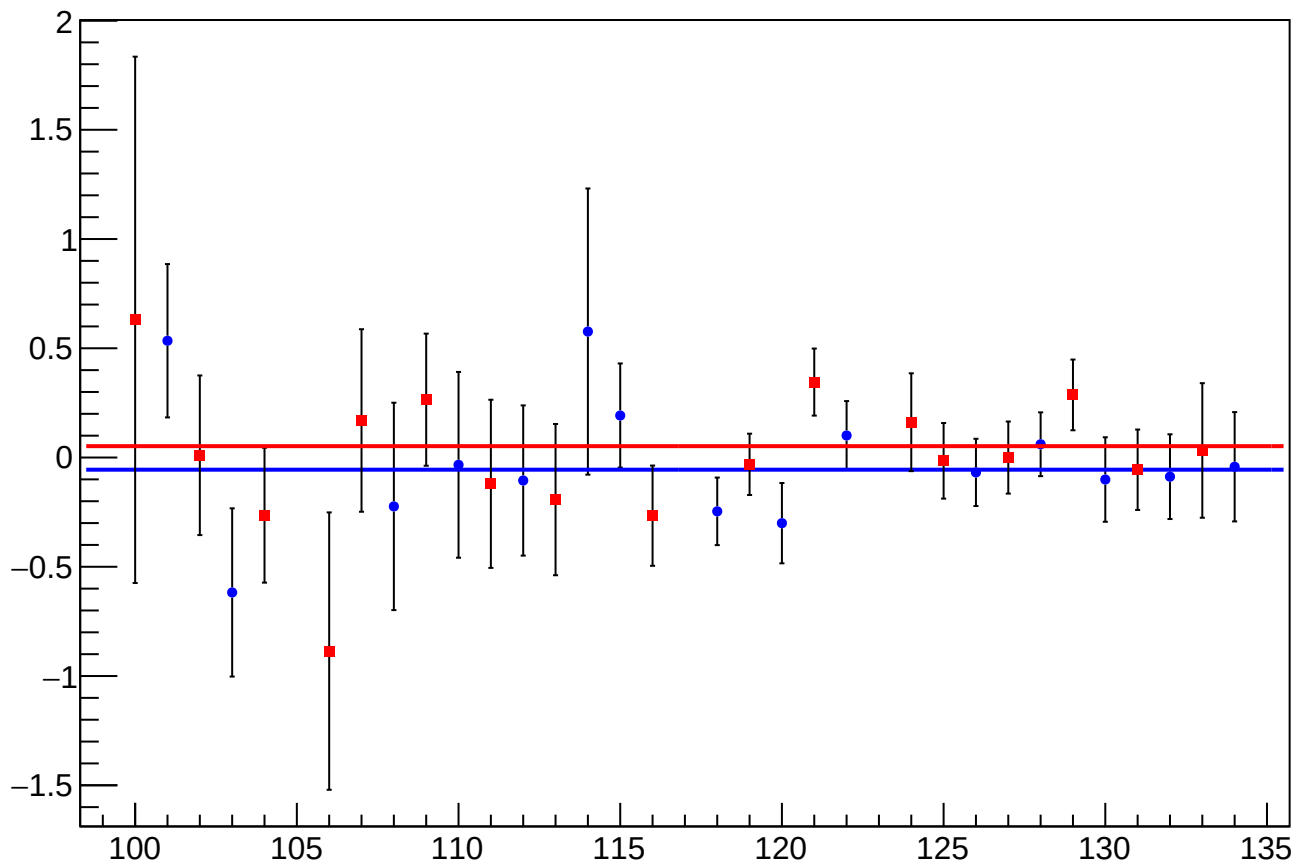
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1912029.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_dit_vs_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: 0.052 ± 0.055 χ^2/NDF : 13.6/16

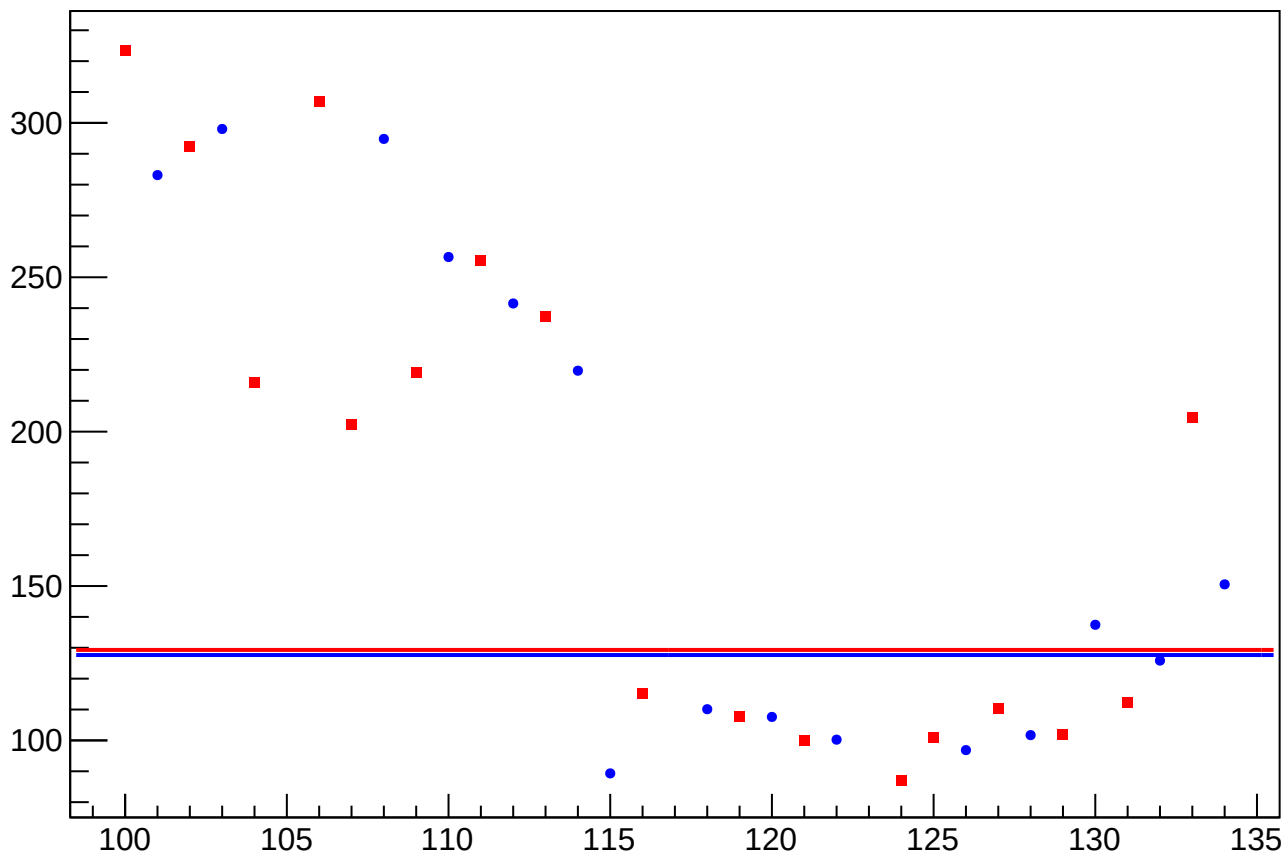
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.039 χ^2/NDF : 27.7/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam2_dit_vs_cor_diff_rms vs Slug



Right In: 127.649+/-0.039 χ^2/NDF : 1802478.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.305+/-0.039 χ^2/NDF : 1886133.2/16

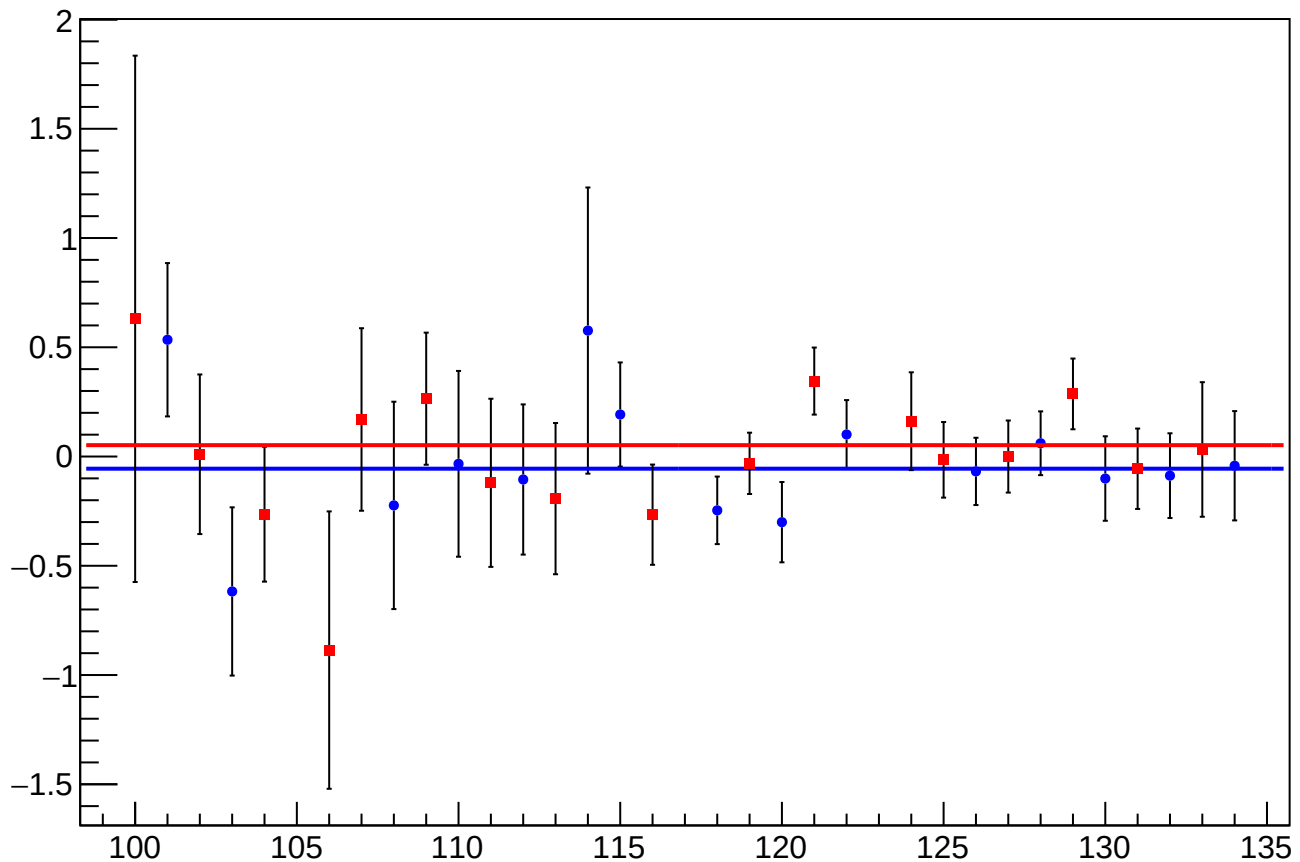
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.490+/-0.028 χ^2/NDF : 3689511.7/31

- sign 0.000+/-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: 0.052 $\pm$ 0.055 χ^2 /NDF: 13.6/16

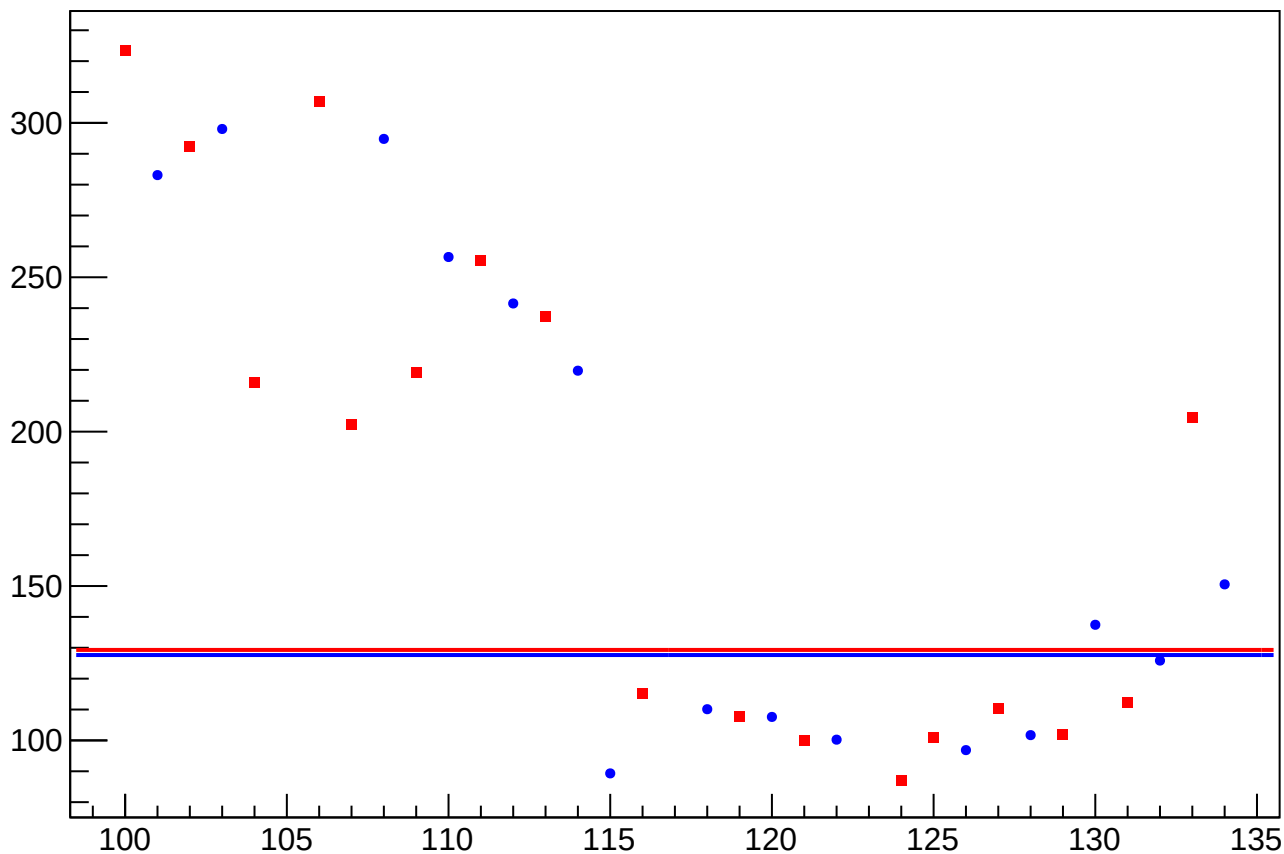
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.039 χ^2 /NDF: 27.7/31

- 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

Right Out: 129.305 $\pm$ 0.039 χ^2 /NDF: 1886133.2/16

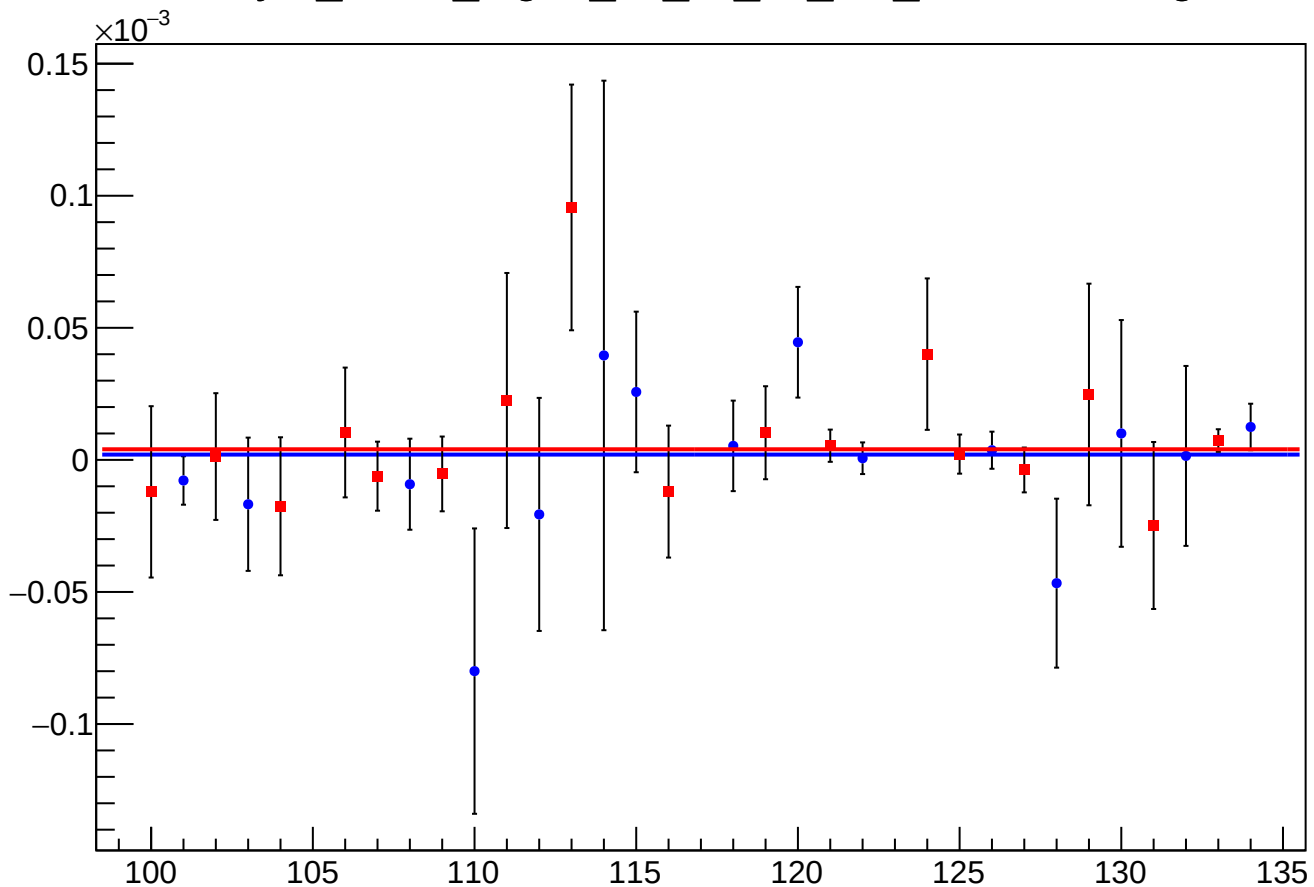
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 128.490 $\pm$ 0.028 χ^2 /NDF: 3689511.7/31

- sign 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: 10.8/16

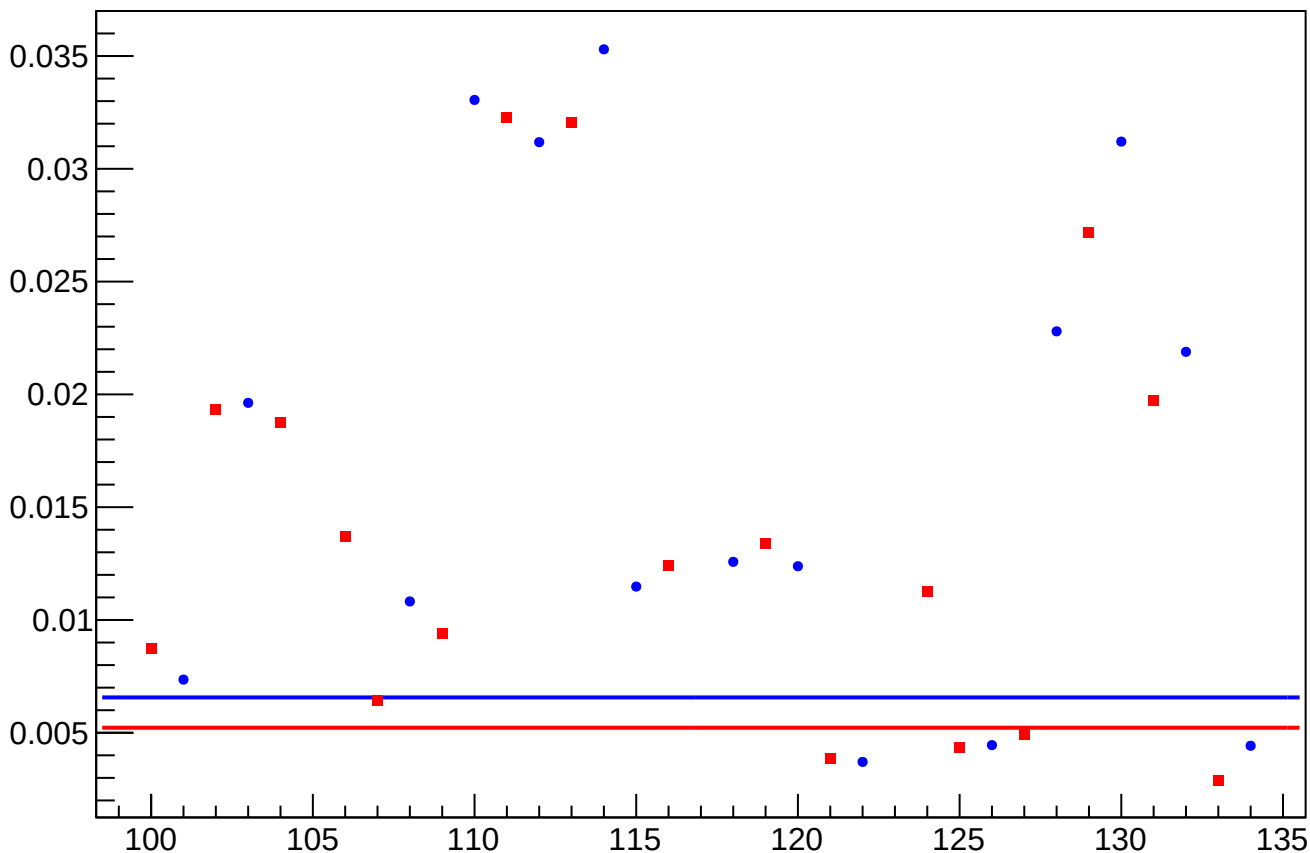
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 24.5/31

- 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 : 5363625.7/16

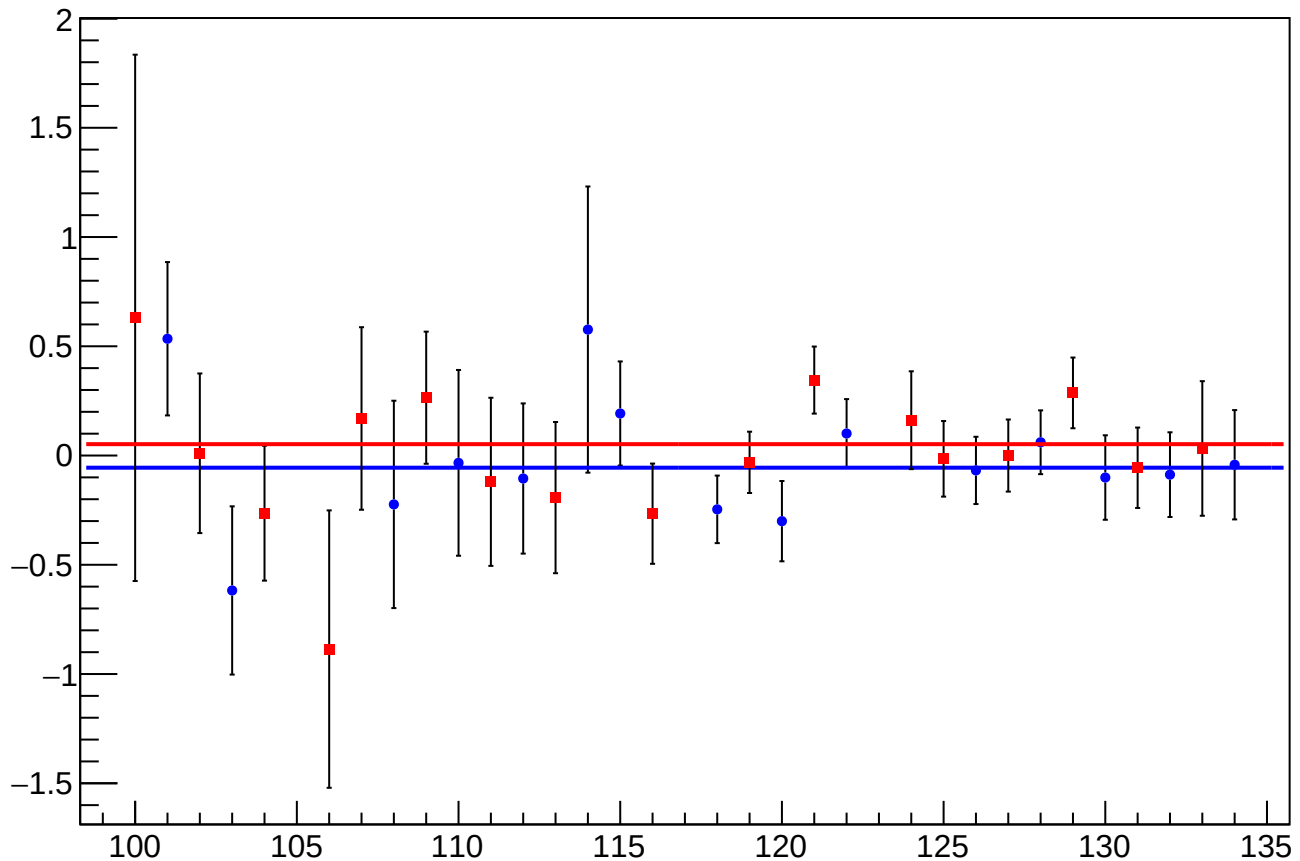
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 10272200.5/31

- 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: 0.052 $\pm$ 0.055 χ^2 /NDF: 13.6/16

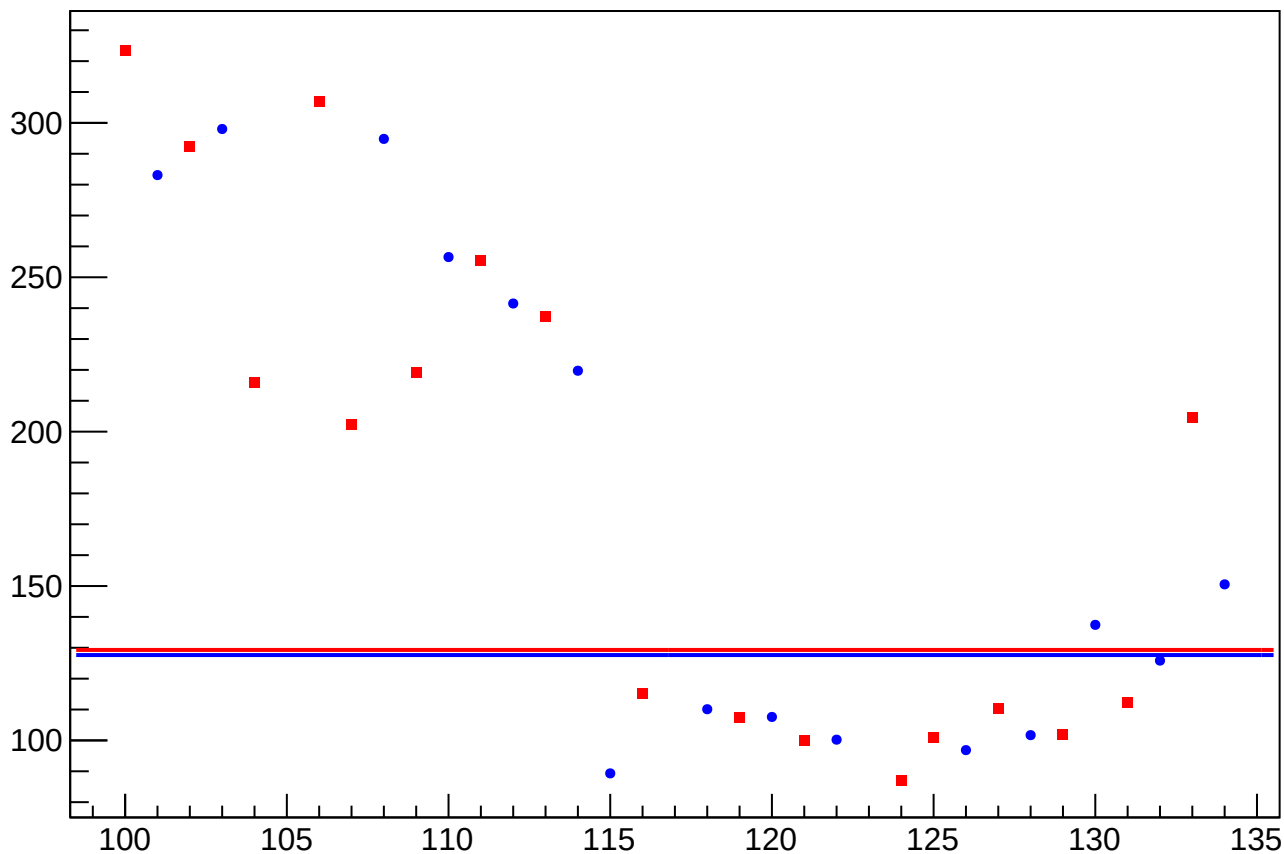
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.039 χ^2 /NDF: 27.7/31

- 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+/-0.039 χ^2/NDF : 1802423.1/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 129.301+/-0.039 χ^2/NDF : 1886134.0/16

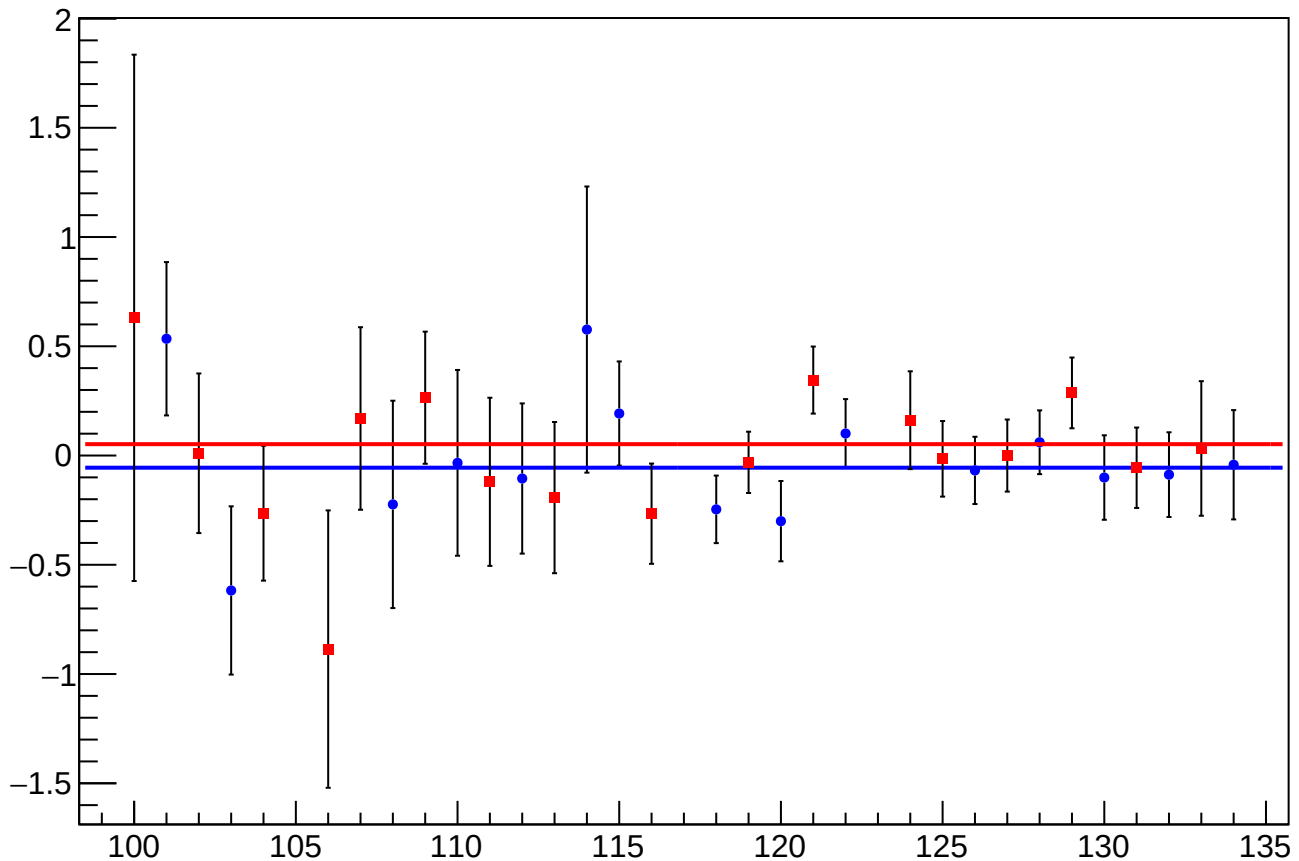
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.486+/-0.028 χ^2/NDF : 3689457.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_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: 0.052 $\pm$ 0.055 χ^2 /NDF: 13.6/16

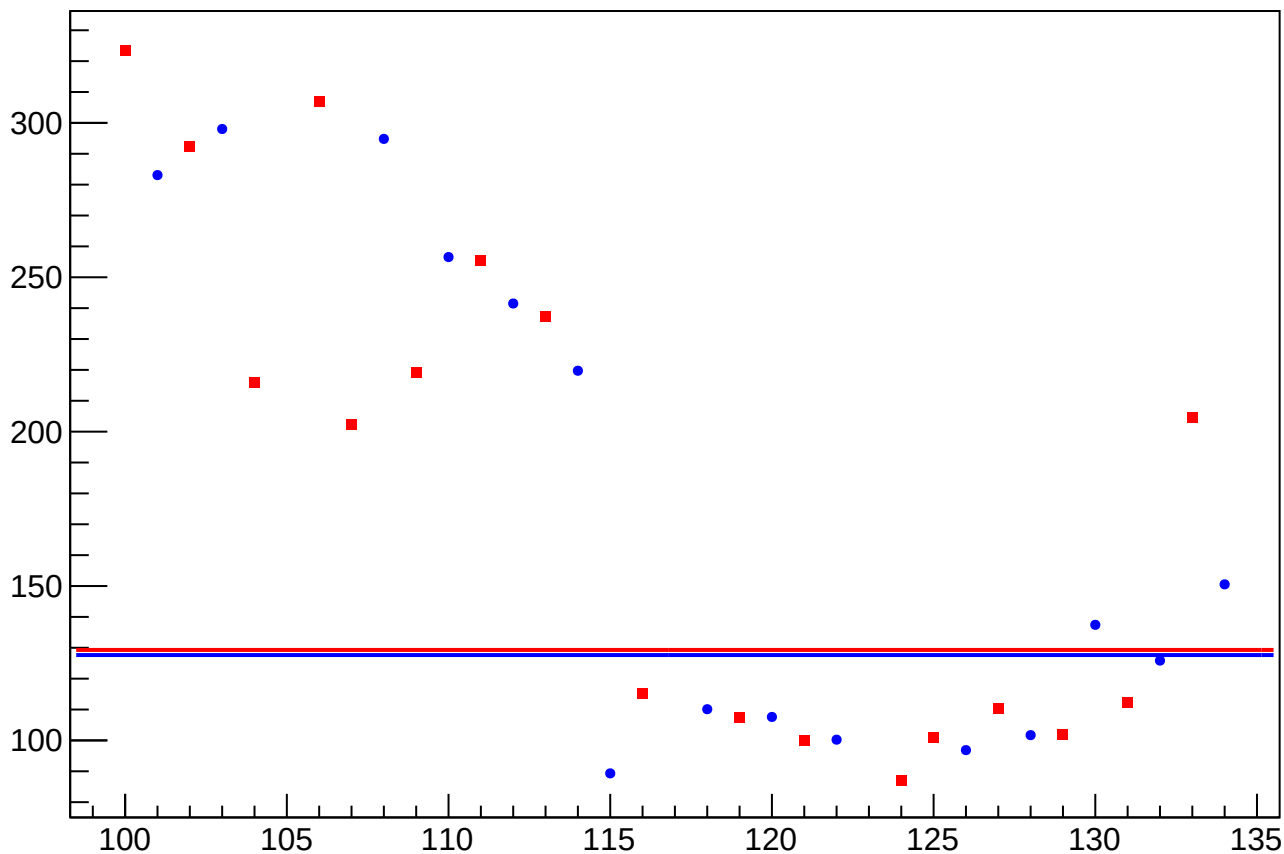
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.039 χ^2 /NDF: 27.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 127.646+/-0.039 χ^2/NDF : 1802423.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.301+/-0.039 χ^2/NDF : 1886134.0/16

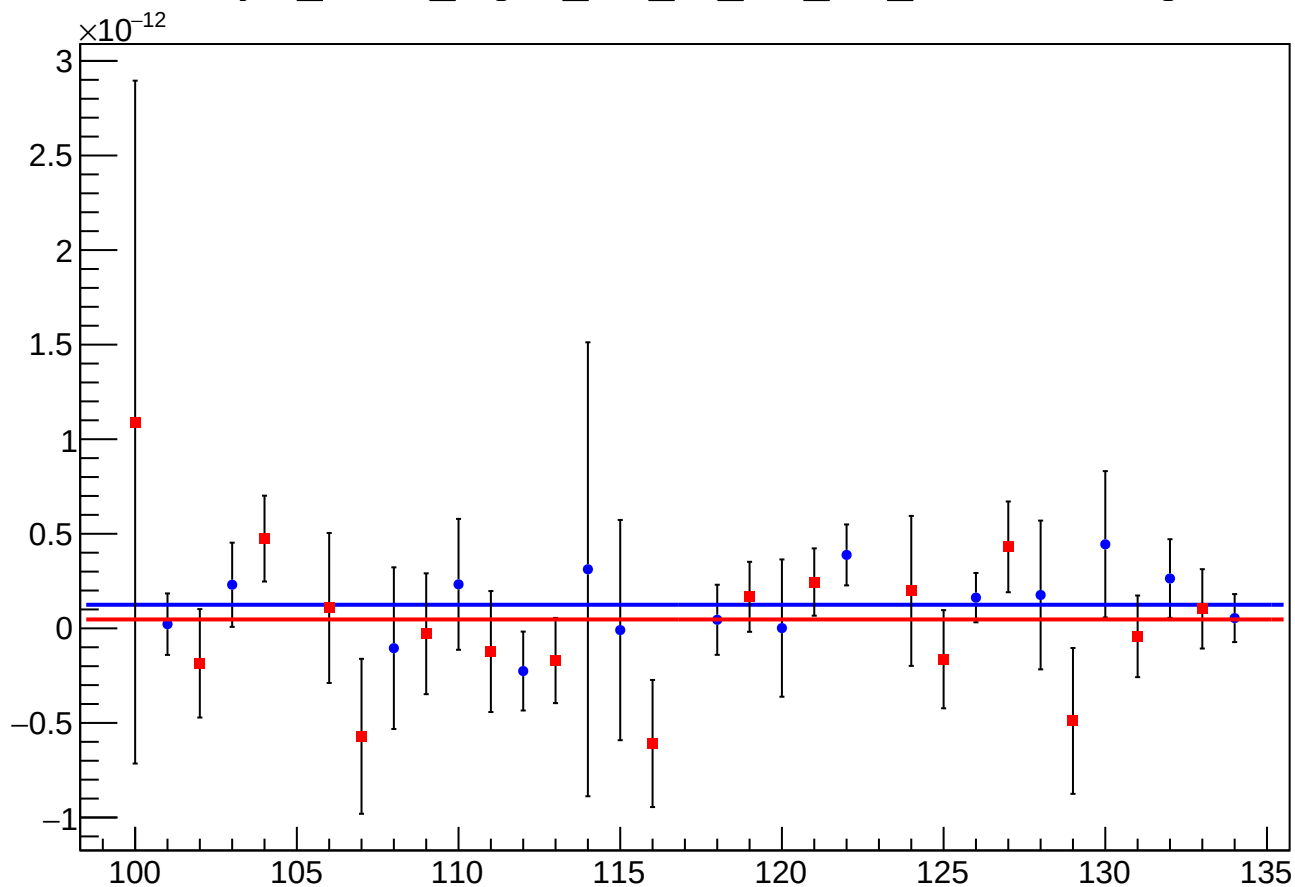
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.486+/-0.028 χ^2/NDF : 3689457.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_cor_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: 19.1/16

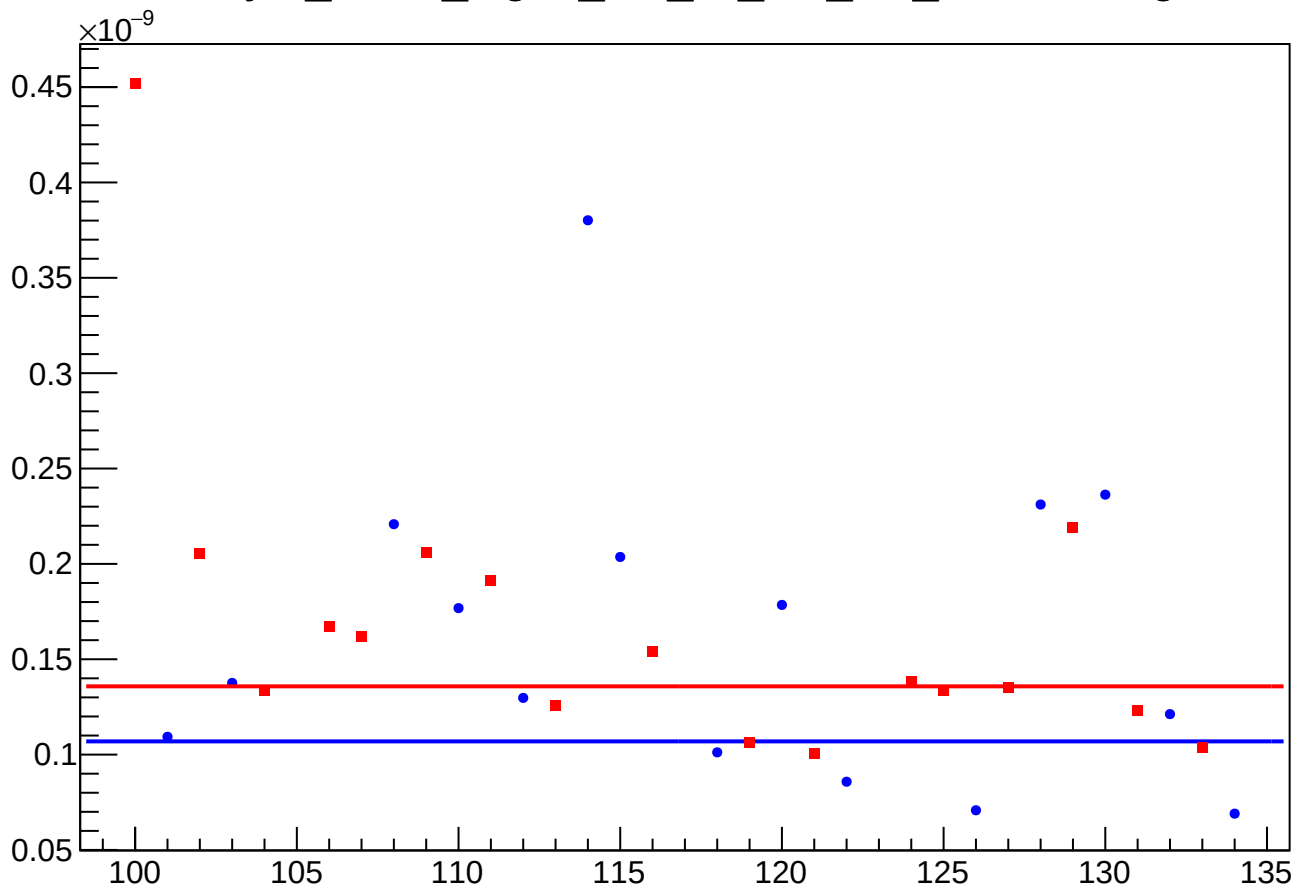
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 28.4/31

- sign 0.000 $\pm$ 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 : 642945.6/16

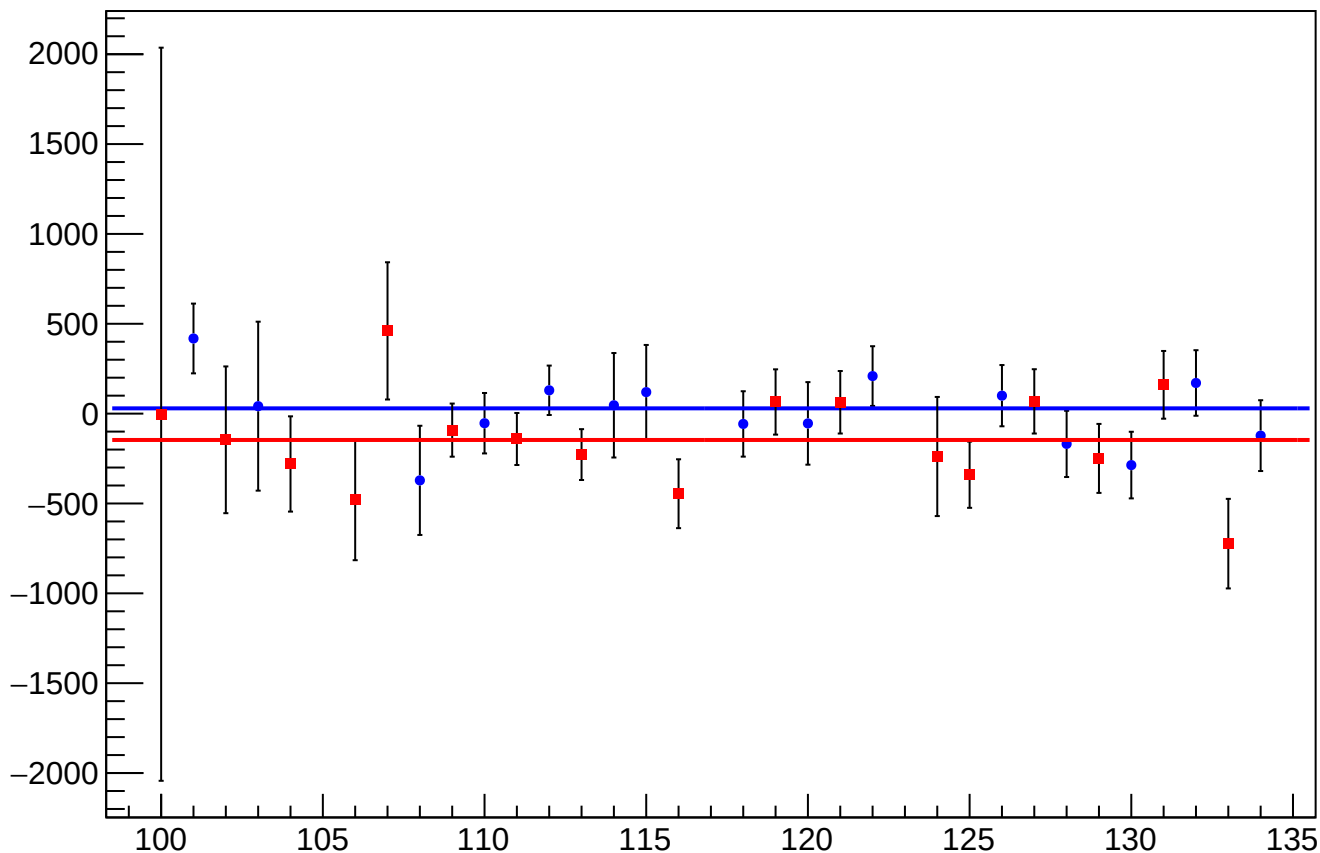
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2198896.4/31

- 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: -146.617+/-49.297 χ^2/NDF : 20.4/16

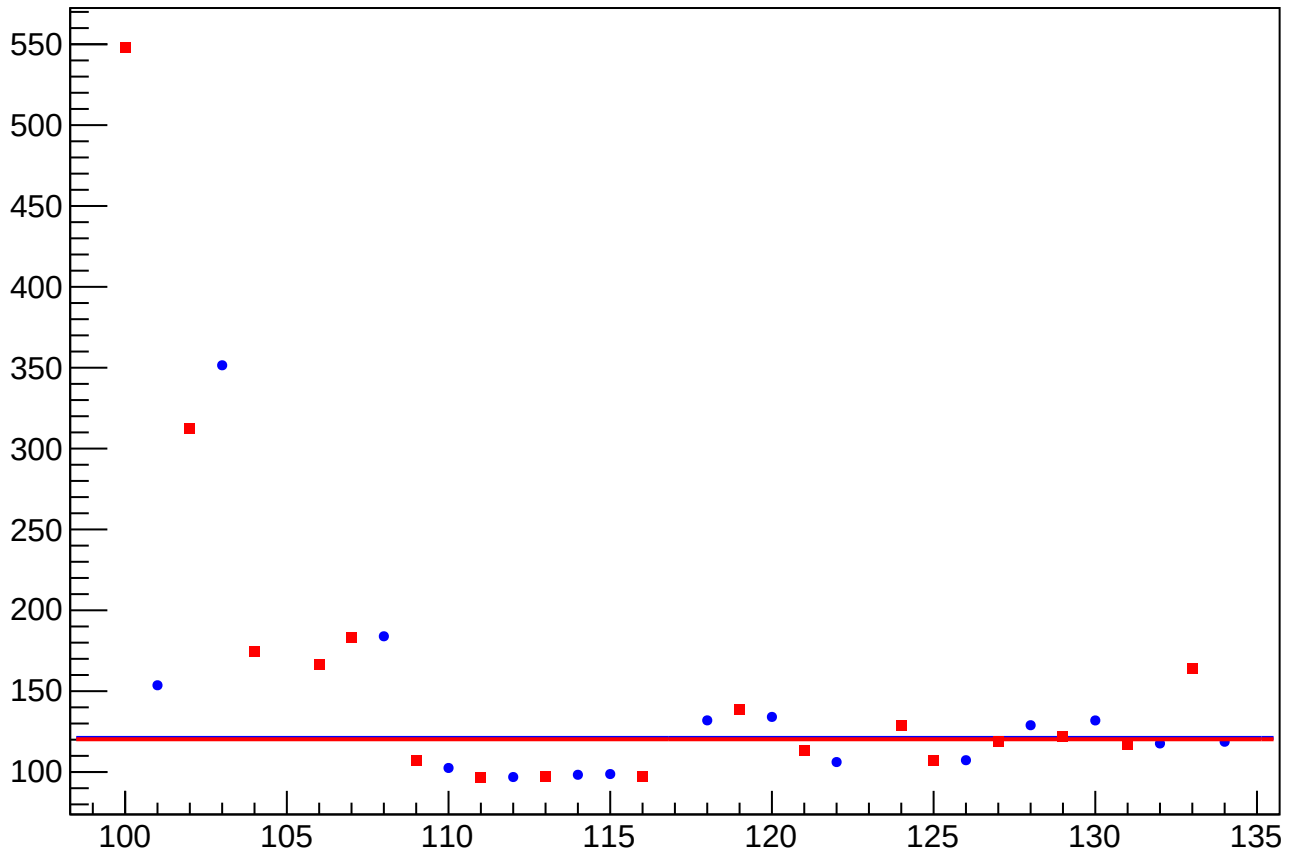
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -60.915+/-35.307 χ^2/NDF : 40.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_rms vs Slug



Right In: 121.091+/-0.036 χ^2/NDF : 789437.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

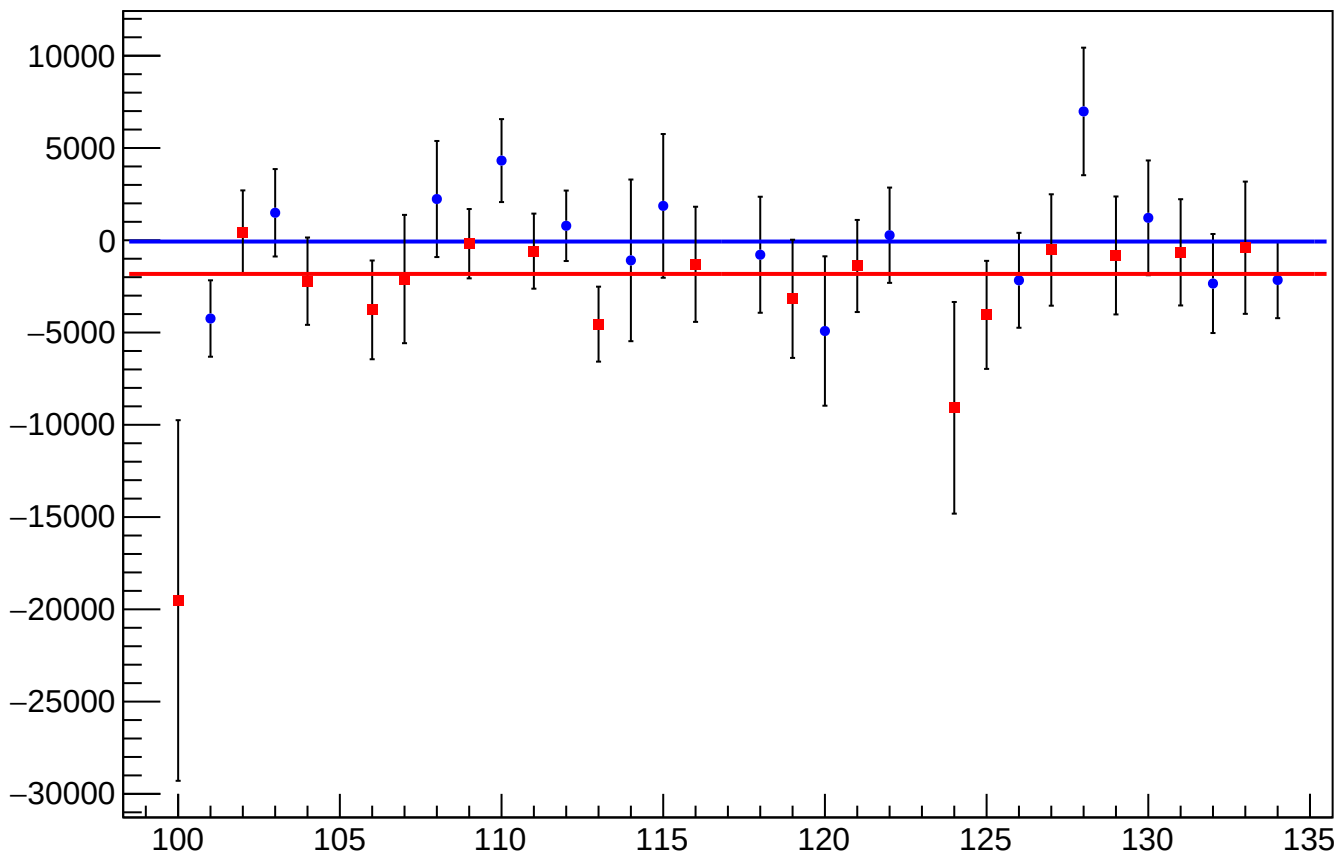
Right Out: 120.262+/-0.035 χ^2/NDF : 955308.3/16

All: 120.666+/-0.025 χ^2/NDF : 1745021.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_reg_correction_mean vs Slug



Right In: -68.886 $\pm$ 685.831 χ^2 /NDF: 17.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1823.942 $\pm$ 661.006 χ^2 /NDF: 10.8/16

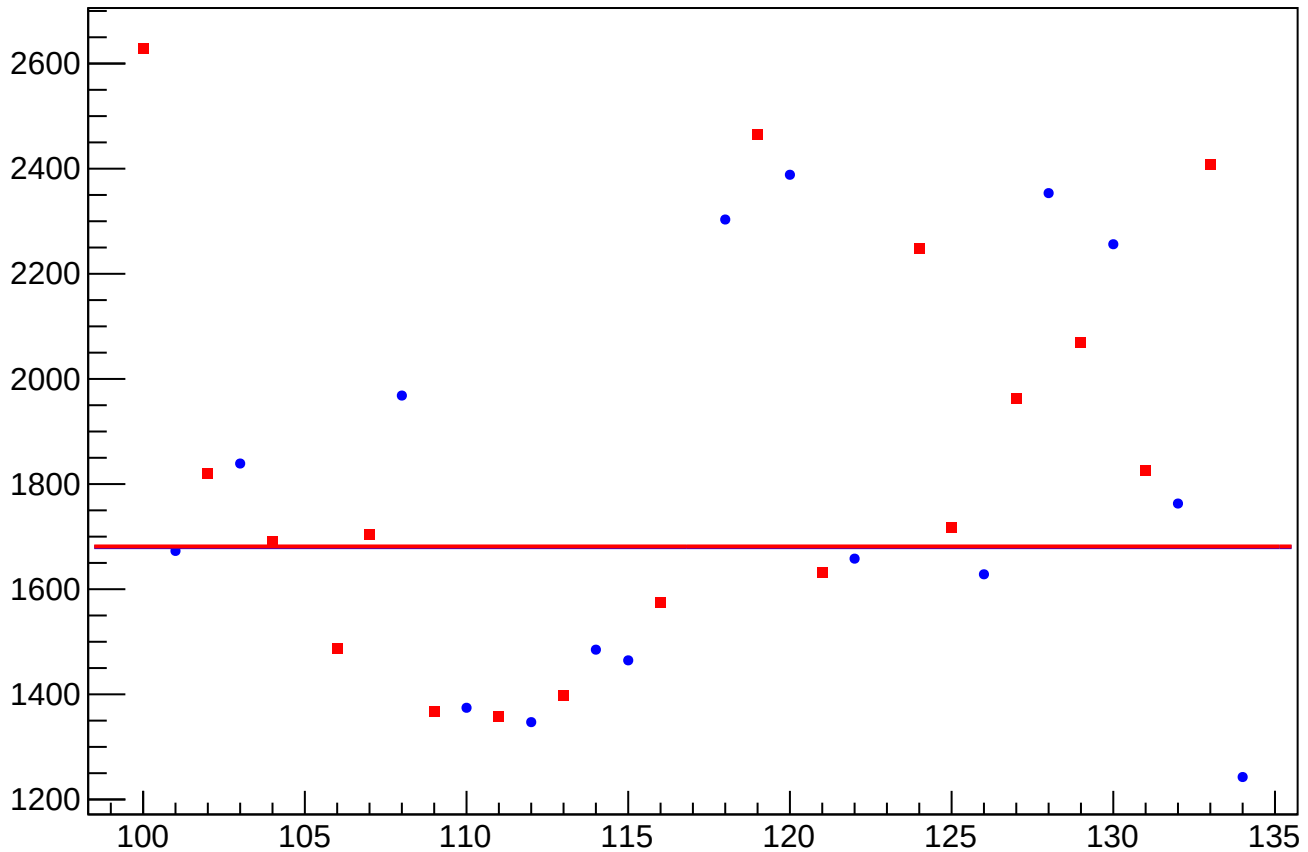
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -978.752 $\pm$ 475.936 χ^2 /NDF: 31.8/31

- sign 0.000 $\pm$ 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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

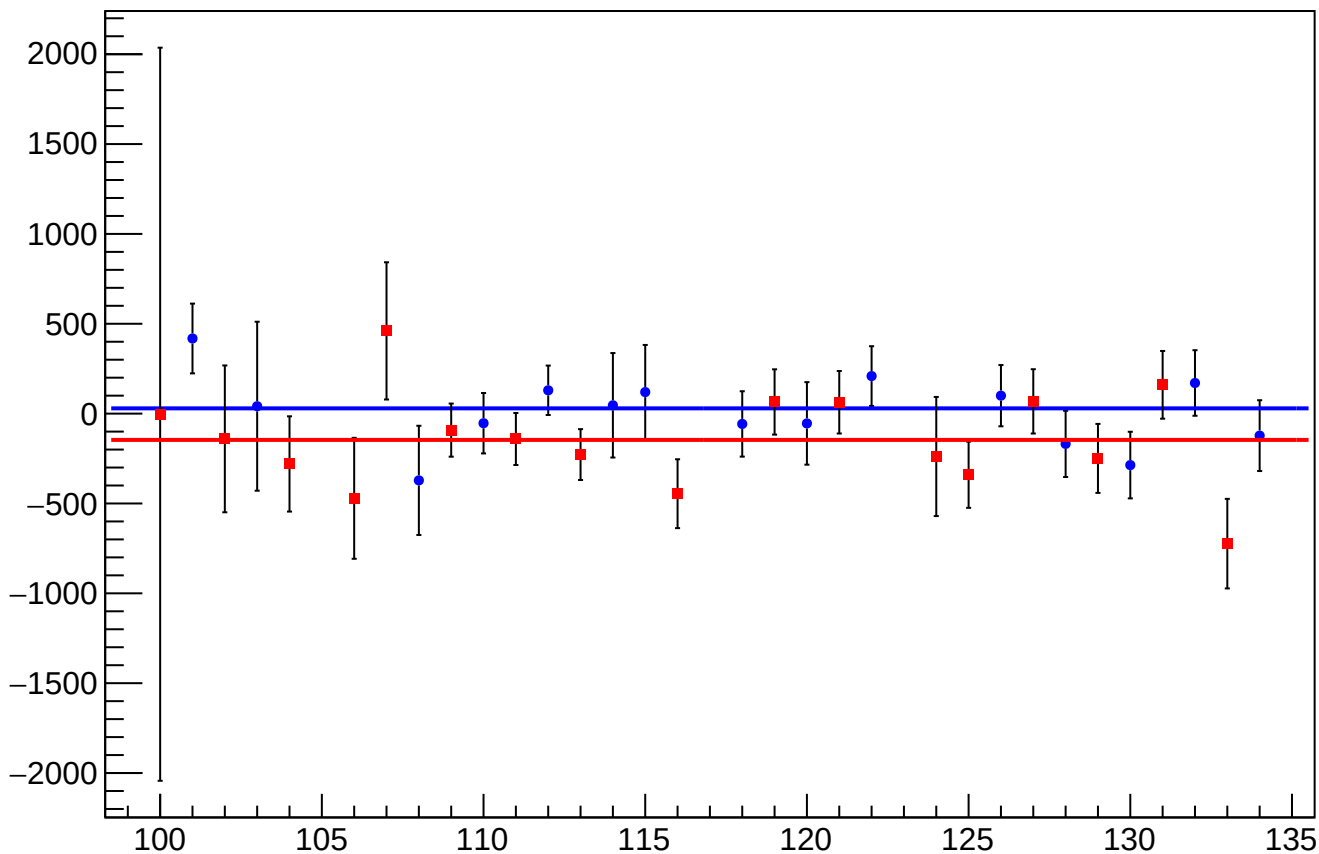
Right Out: 1681.304 $\pm$ 0.467 χ^2 /NDF: 459356.9/16

All: 1680.701 $\pm$ 0.337 χ^2 /NDF: 969838.6/31

- 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

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: -146.291 $\pm$ 49.301 χ^2 /NDF: 20.3/16

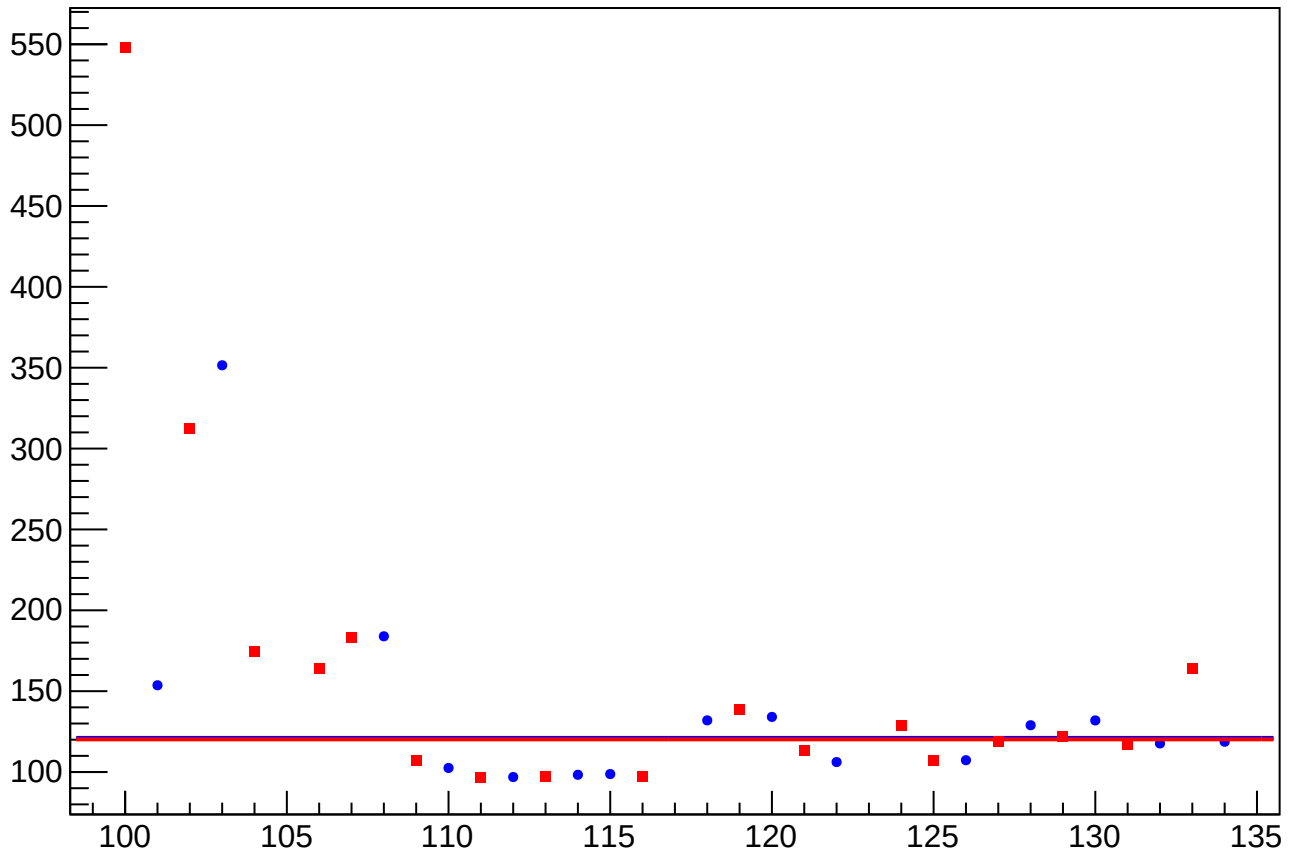
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -60.750 $\pm$ 35.308 χ^2 /NDF: 40.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam3_rms vs Slug



Right In: 121.091+/-0.036 χ^2/NDF : 789439.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.202+/-0.035 χ^2/NDF : 951330.7/16

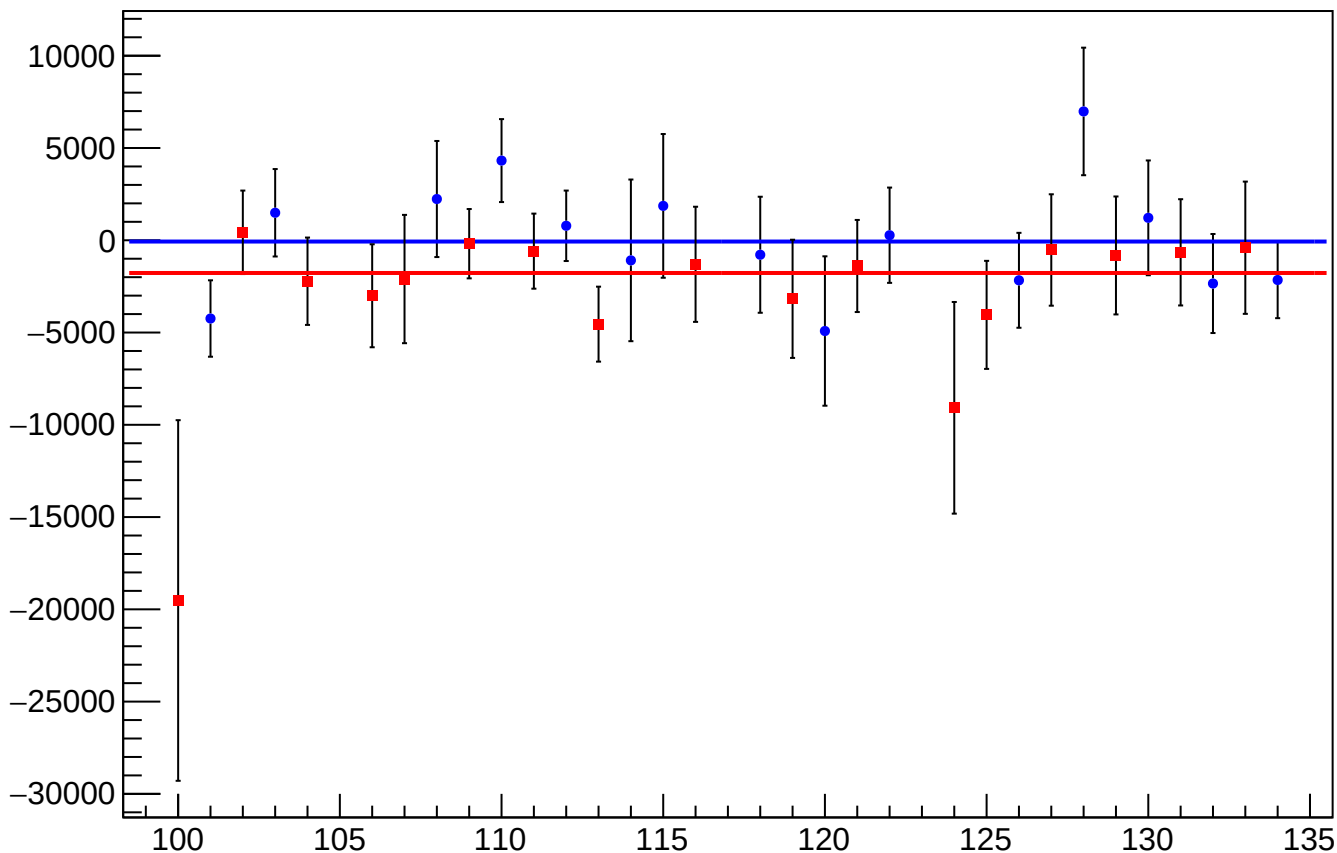
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.635+/-0.025 χ^2/NDF : 1741086.6/31

- sign 0.000+/-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: -1772.746+/-662.694 χ^2/NDF : 10.4/16

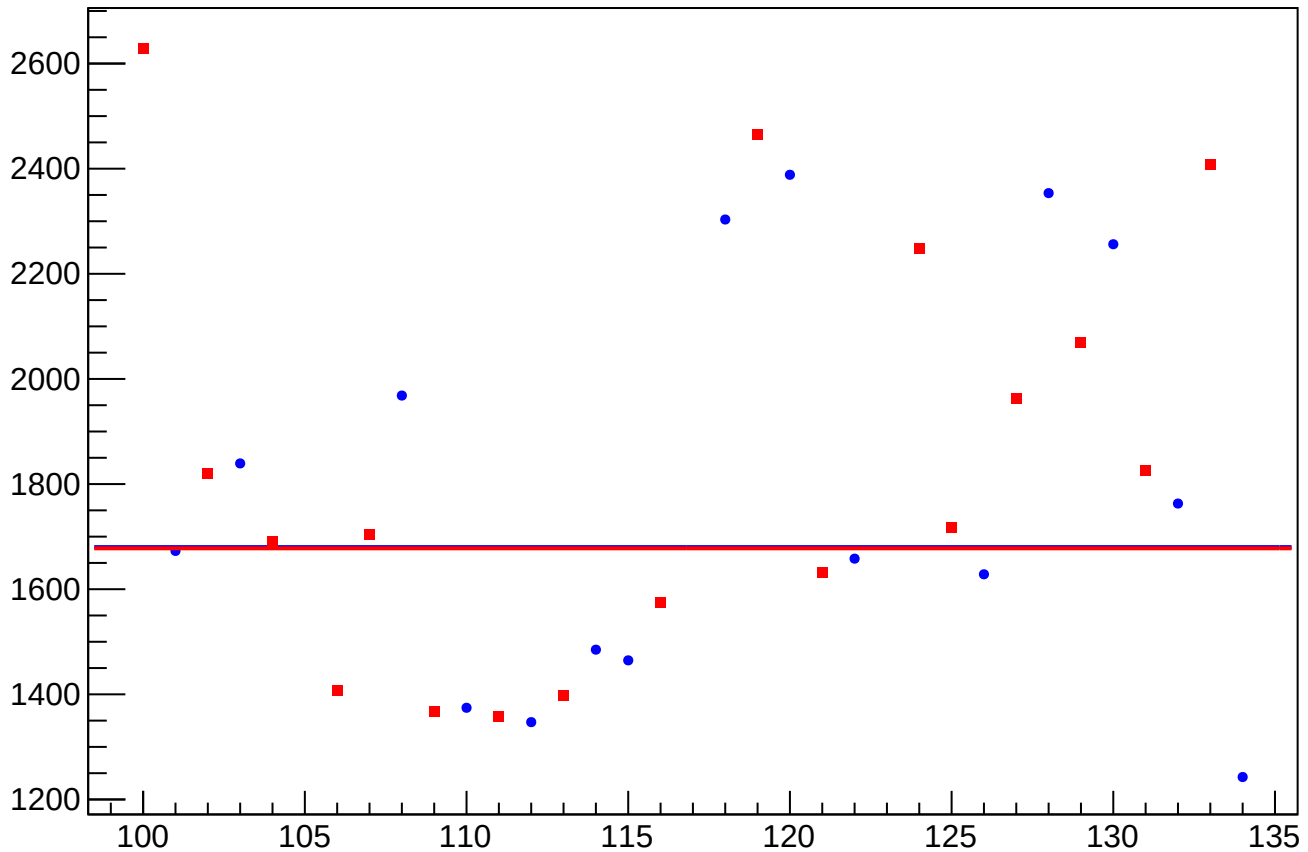
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -950.032+/-476.567 χ^2/NDF : 31.2/31

- 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

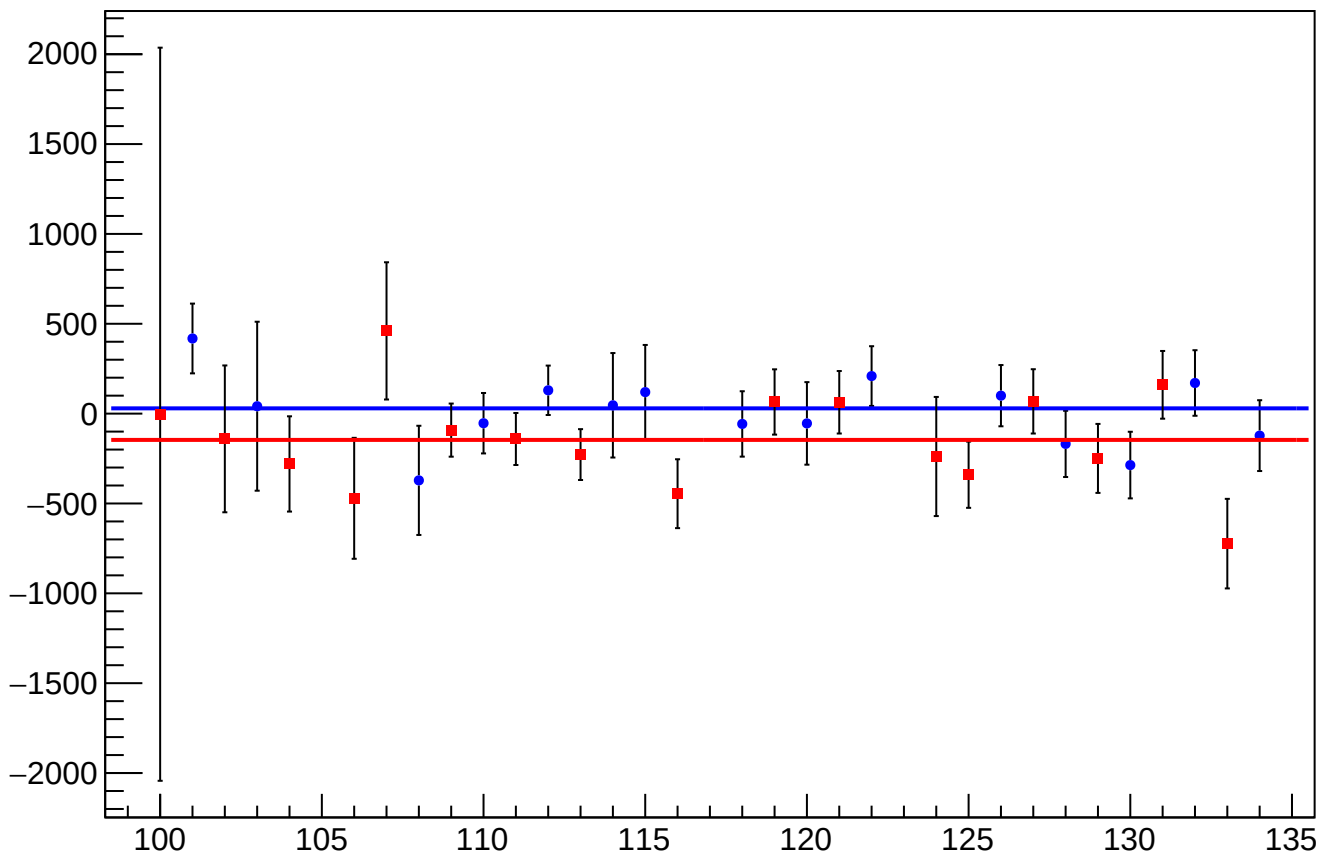
Right Out: 1677.802 $\pm$ 0.469 χ^2 /NDF: 468366.8/16

All: 1678.895 $\pm$ 0.337 χ^2 /NDF: 978877.7/31

- 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_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: -146.291+/-49.301 χ^2/NDF : 20.3/16

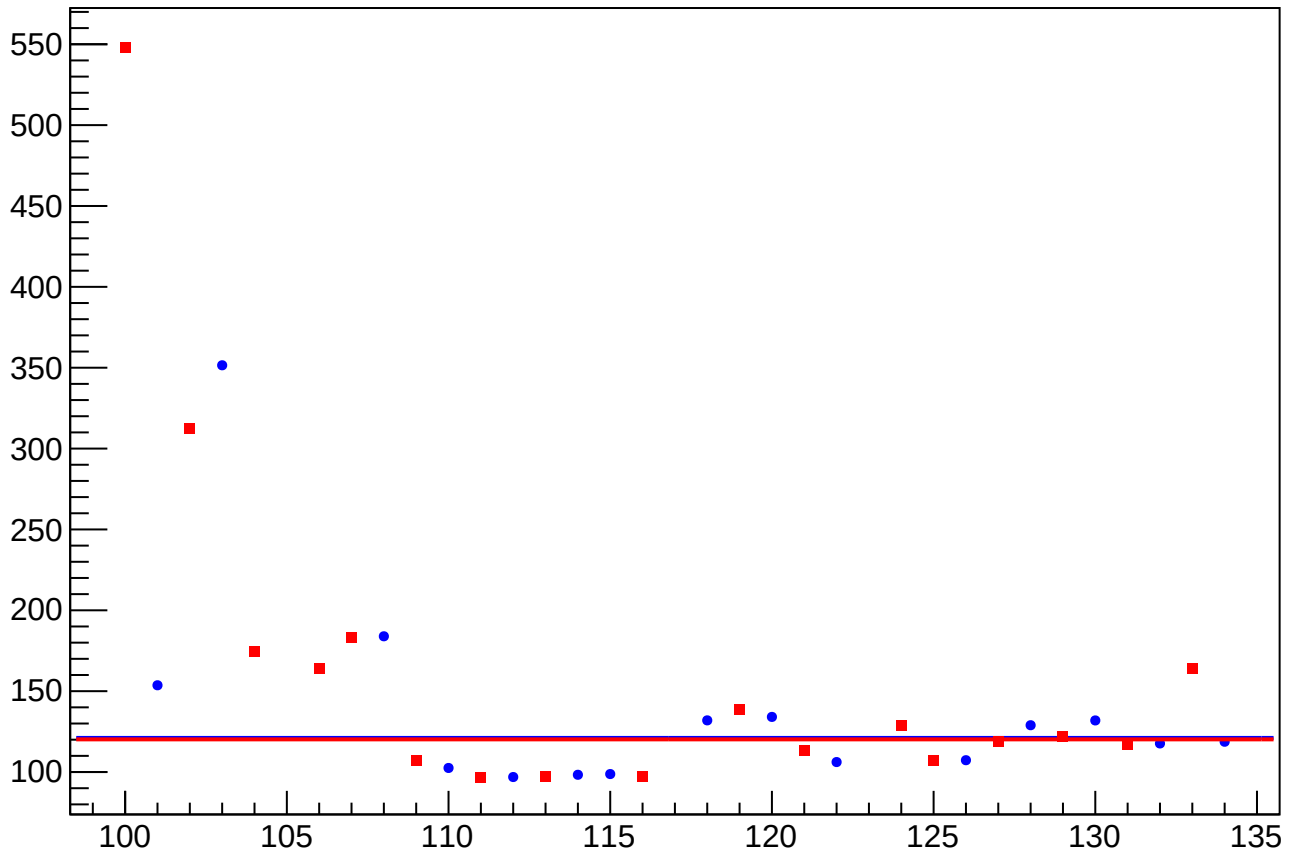
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -60.750+/-35.308 χ^2/NDF : 40.1/31

- sign 0.000+/-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: 120.202 $\pm$ 0.035 χ^2 /NDF: 951330.7/16

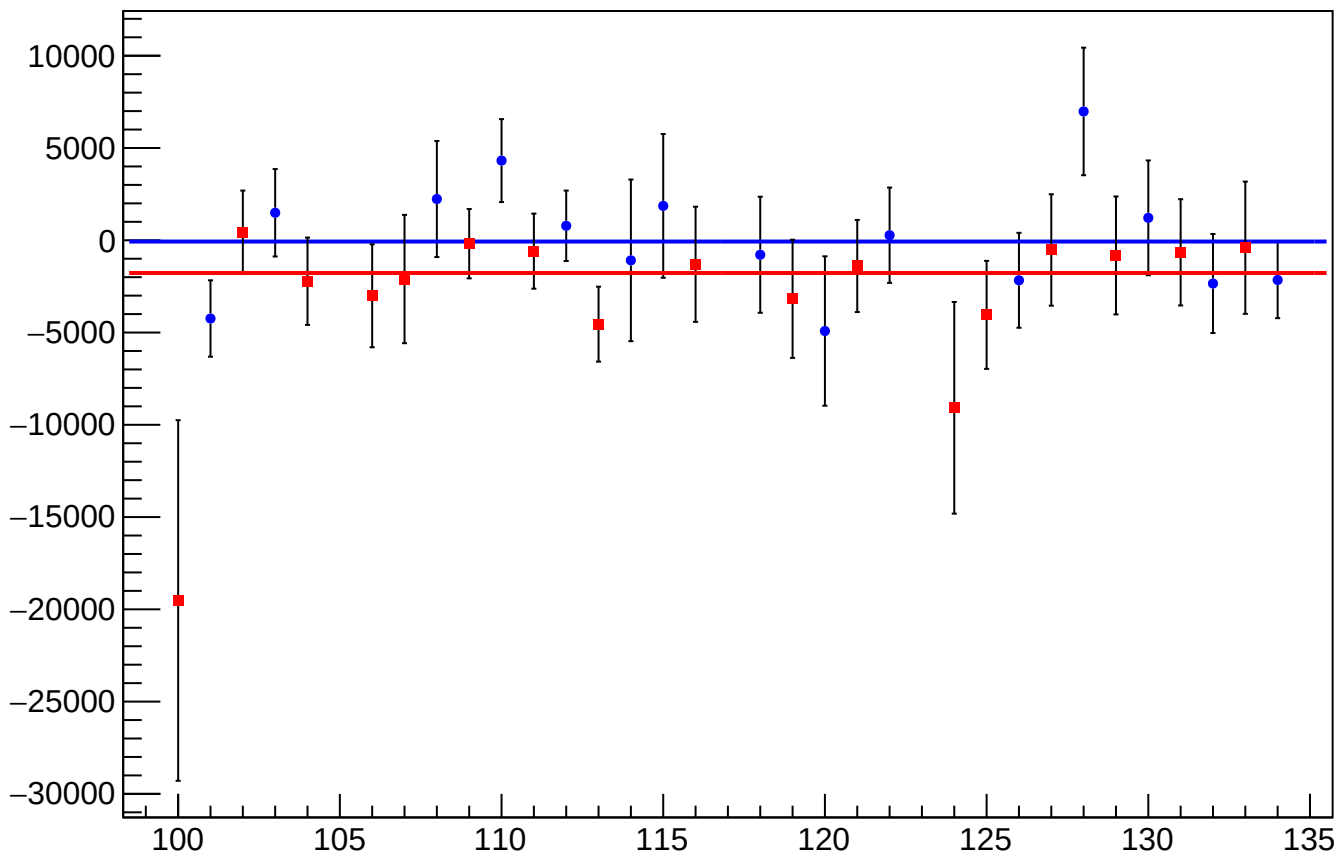
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 120.635 $\pm$ 0.025 χ^2 /NDF: 1741086.6/31

- 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: -1772.746+/-662.694 χ^2/NDF : 10.4/16

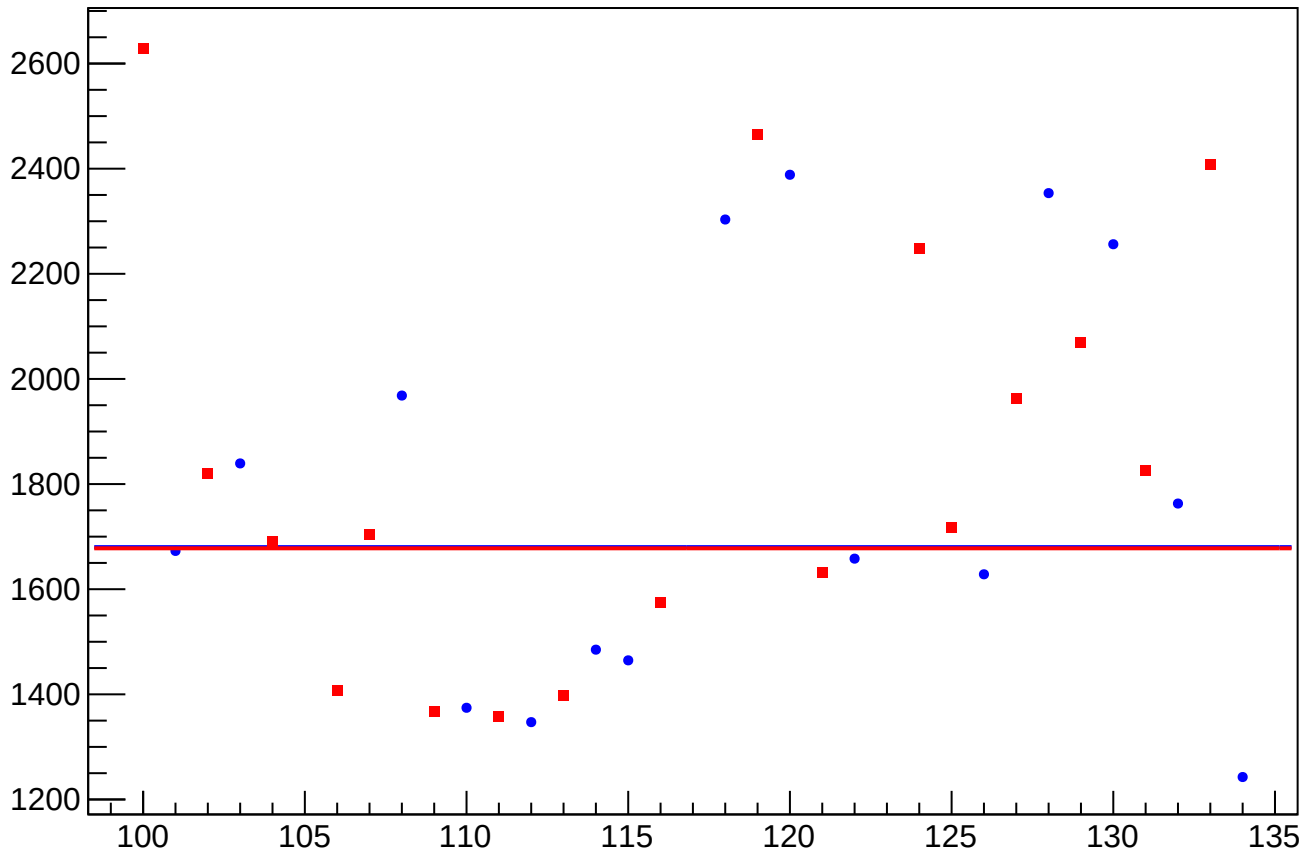
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -950.032+/-476.567 χ^2/NDF : 31.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_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

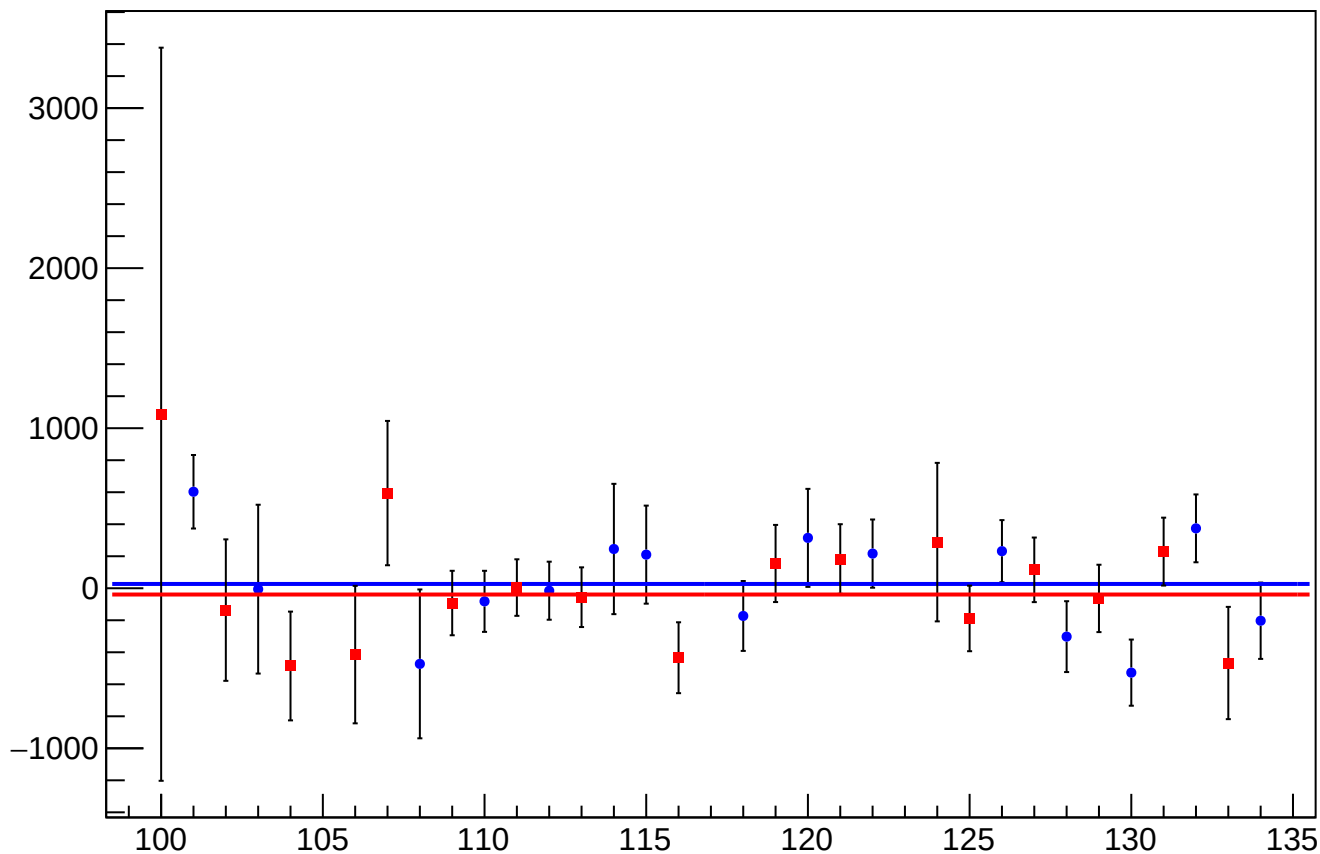
Right Out: 1677.802 $\pm$ 0.469 χ^2 /NDF: 468366.8/16

All: 1678.895 $\pm$ 0.337 χ^2 /NDF: 978877.7/31

- 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_sam3_mean vs Slug



Right In: 26.836 $\pm$ 61.355 χ^2 /NDF: 25.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -39.162 $\pm$ 60.420 χ^2 /NDF: 14.4/16

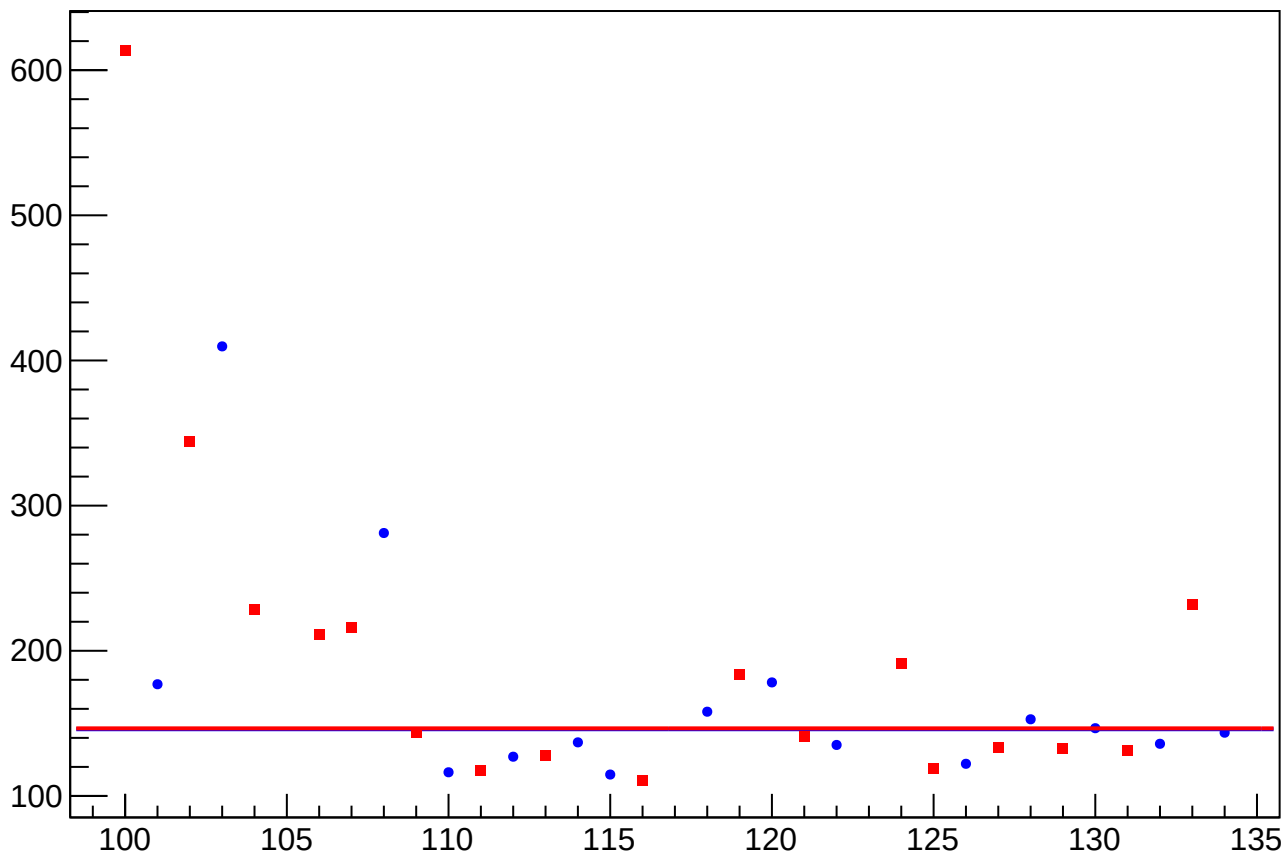
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.670 $\pm$ 43.050 χ^2 /NDF: 40.1/31

- sign 0.000 $\pm$ 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: 146.557 $\pm$ 0.043 χ^2 /NDF: 1066123.0/16

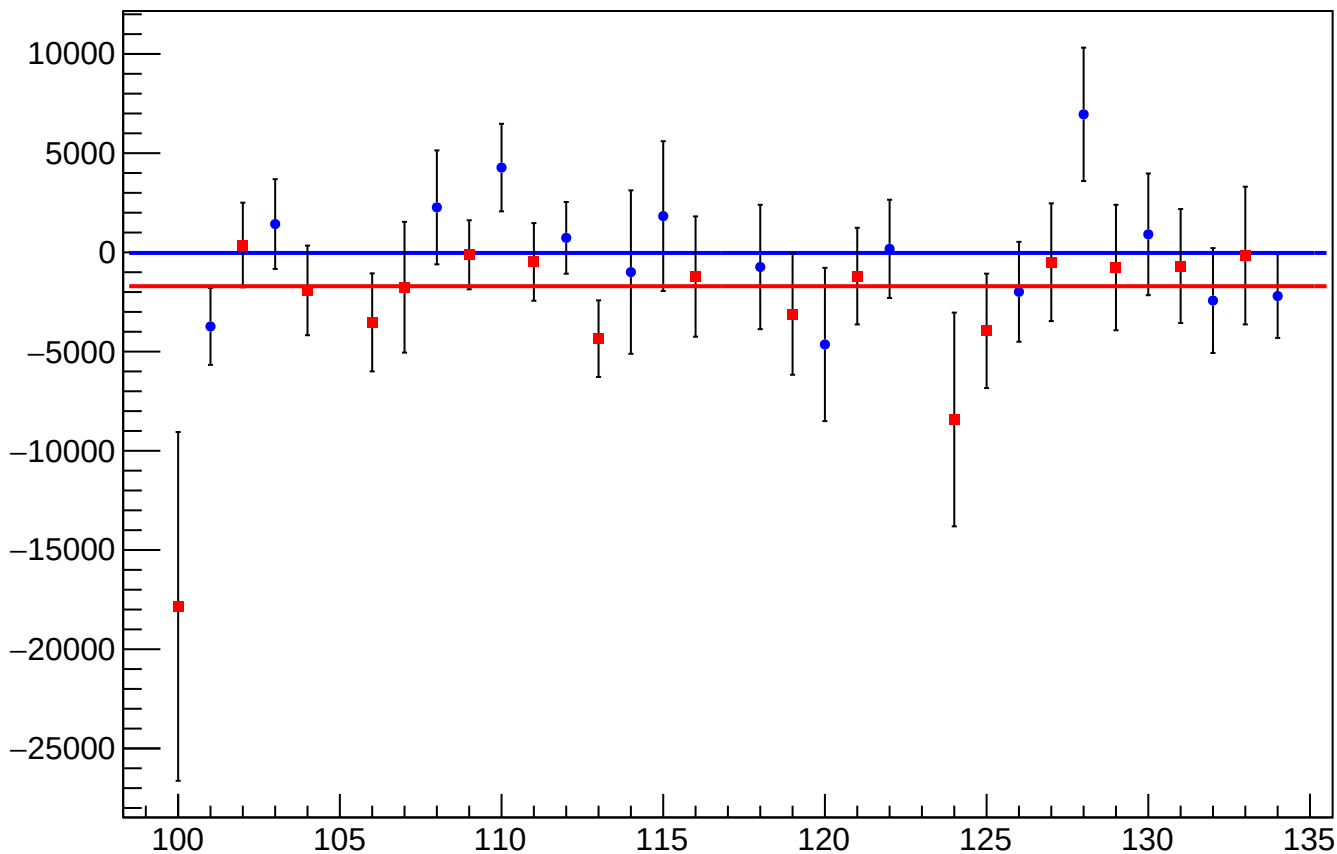
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 146.264 $\pm$ 0.030 χ^2 /NDF: 1933837.1/31

- 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: -1703.372+/-632.164 χ^2/NDF : 11.0/16

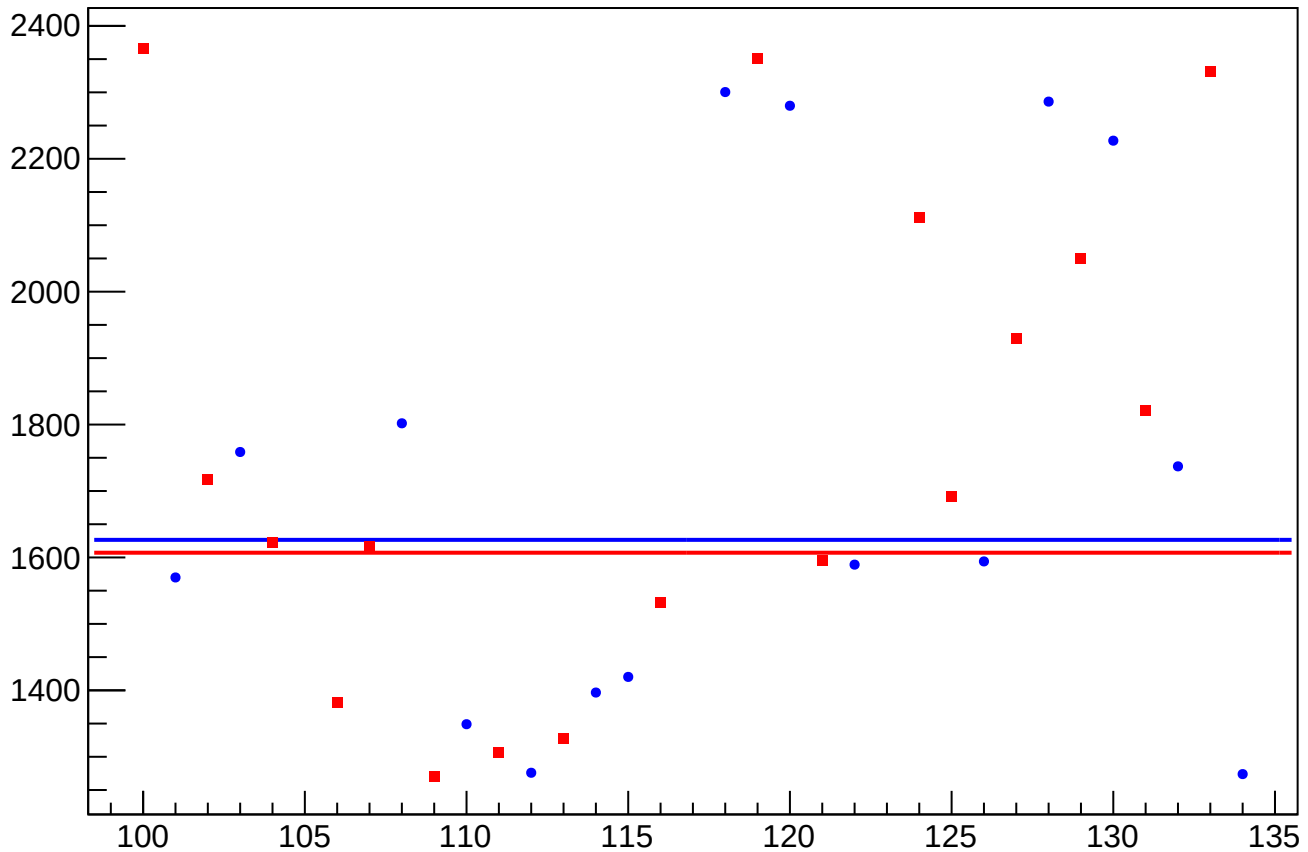
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -905.320+/-457.460 χ^2/NDF : 31.7/31

- 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

Right Out: 1607.126 $\pm$ 0.447 χ^2 /NDF: 501920.1/16

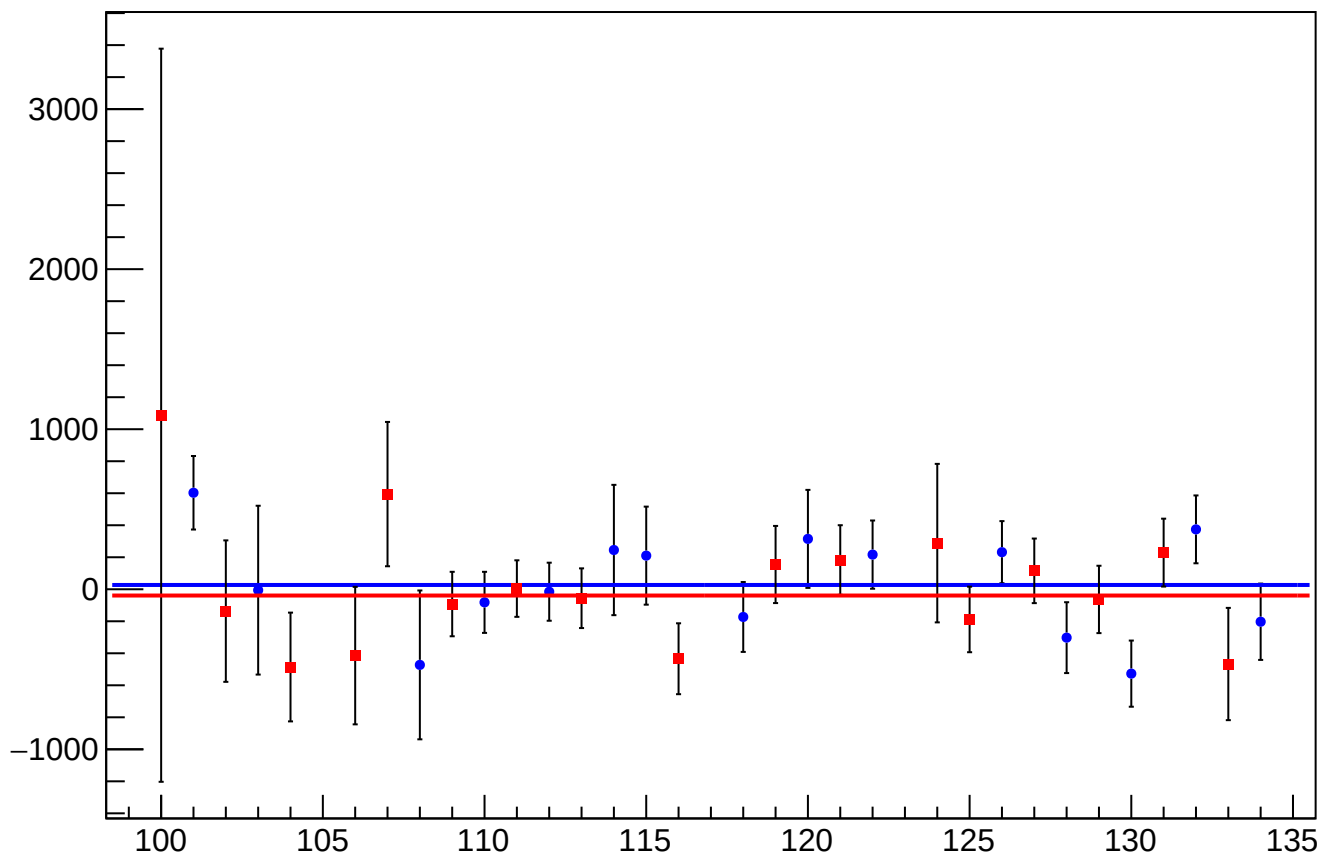
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1616.346 $\pm$ 0.323 χ^2 /NDF: 1001368.6/31

- sign 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: -39.158+/-60.420 χ^2/NDF : 14.4/16

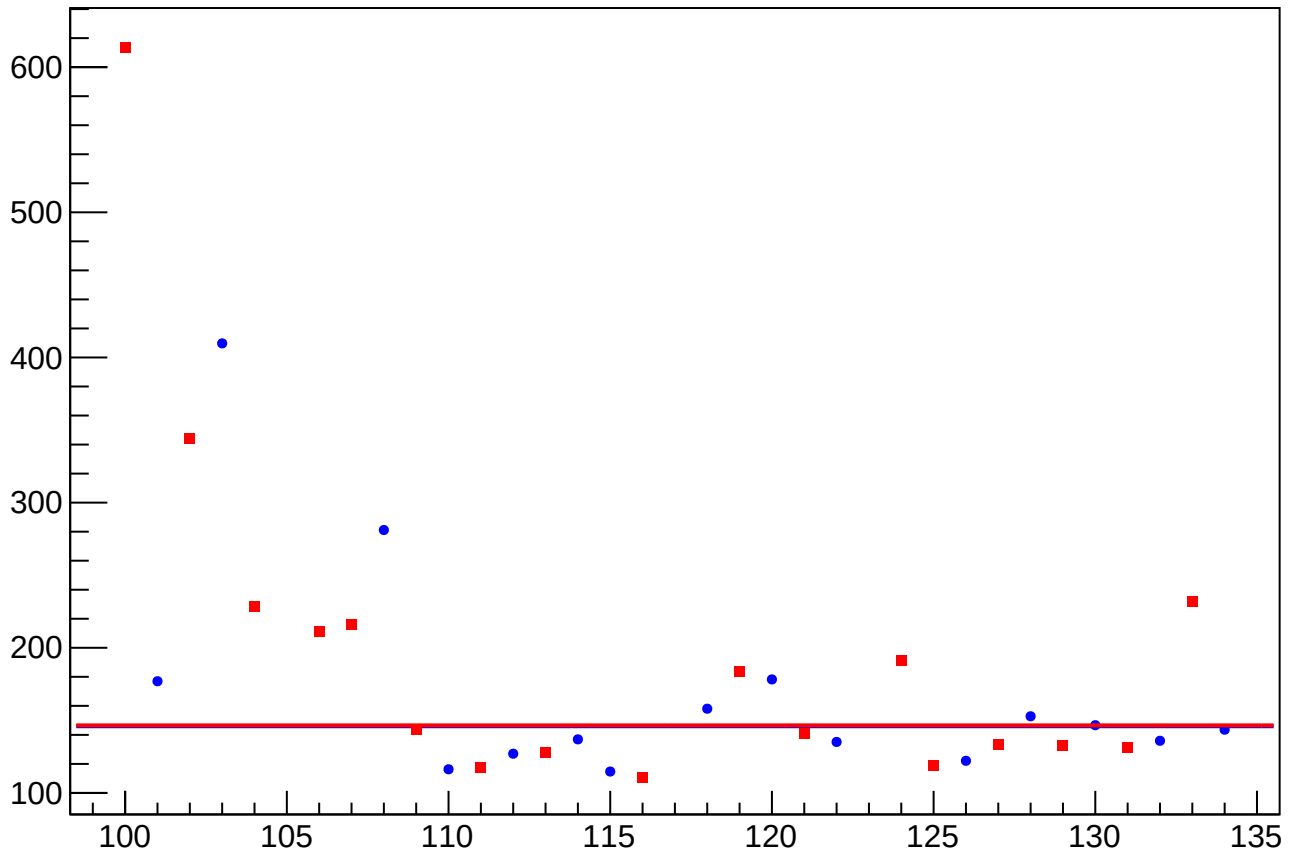
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.669+/-43.050 χ^2/NDF : 40.1/31

- 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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

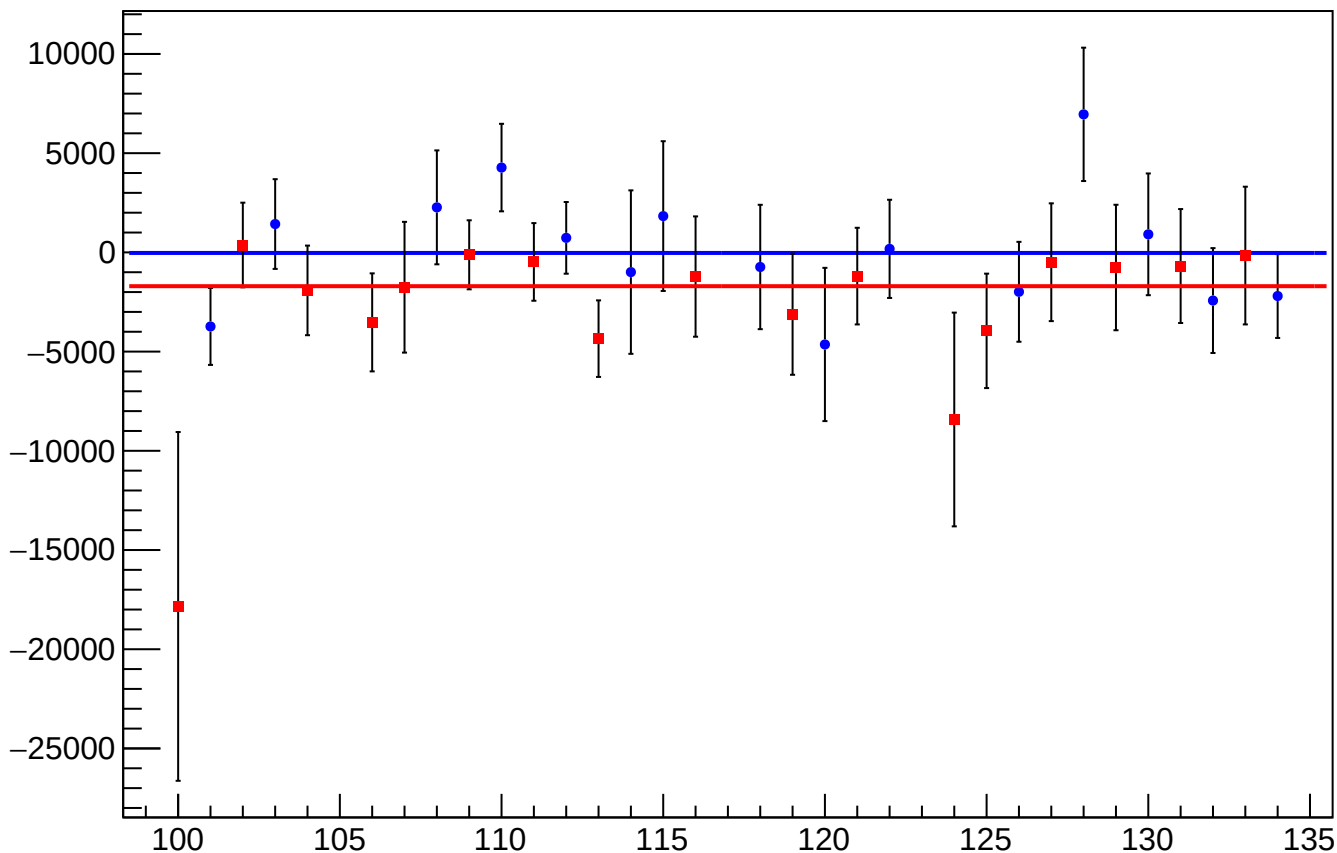
Right Out: 146.558 $\pm$ 0.043 χ^2 /NDF: 1066121.8/16

All: 146.265 $\pm$ 0.030 χ^2 /NDF: 1933826.0/31

- 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_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: -1703.369+/-632.163 χ^2/NDF : 11.0/16

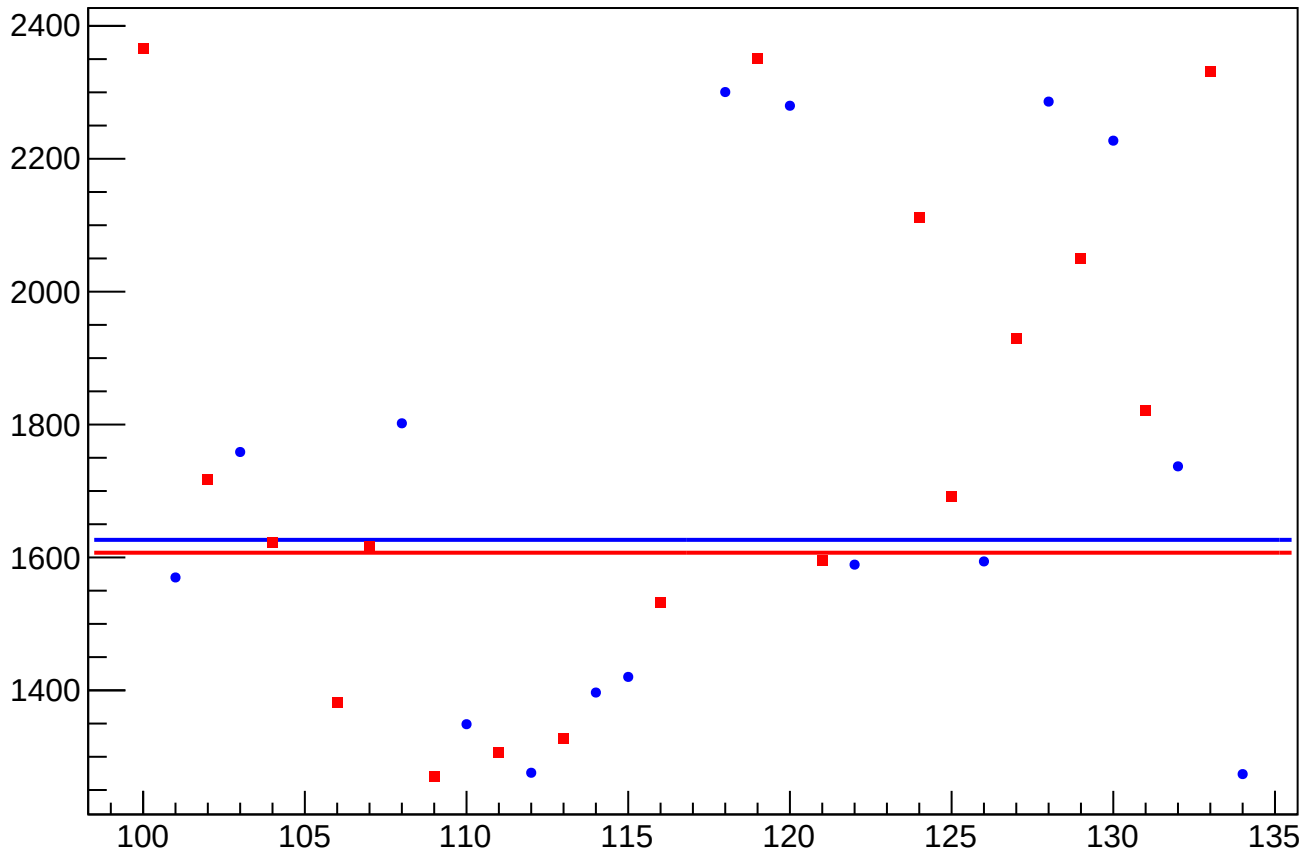
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -905.319+/-457.459 χ^2/NDF : 31.7/31

- 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

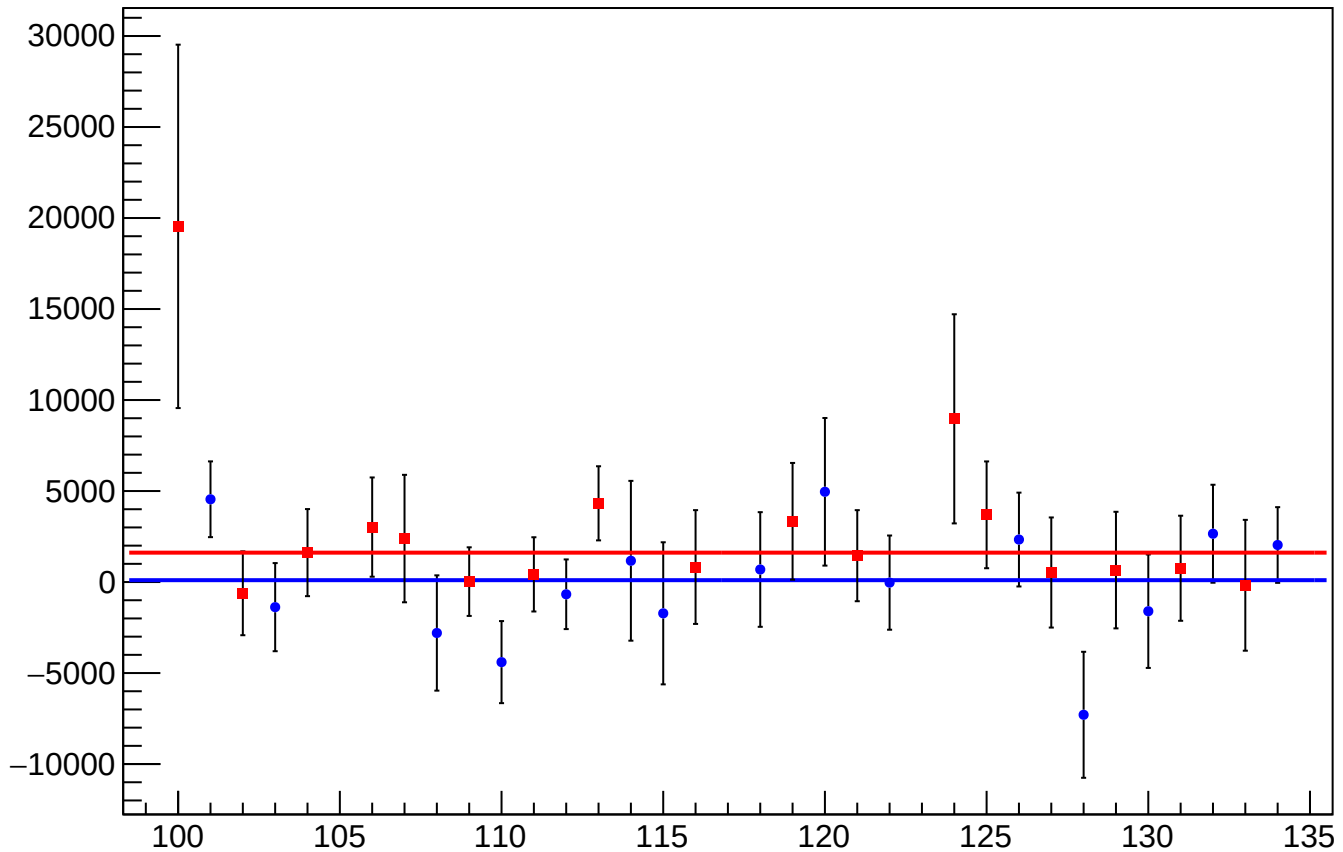
Right Out: 1607.123+/-0.447 χ^2/NDF : 501920.0/16

All: 1616.343+/-0.323 χ^2/NDF : 1001371.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_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: 1614.666+/-664.855 χ^2/NDF : 10.4/16

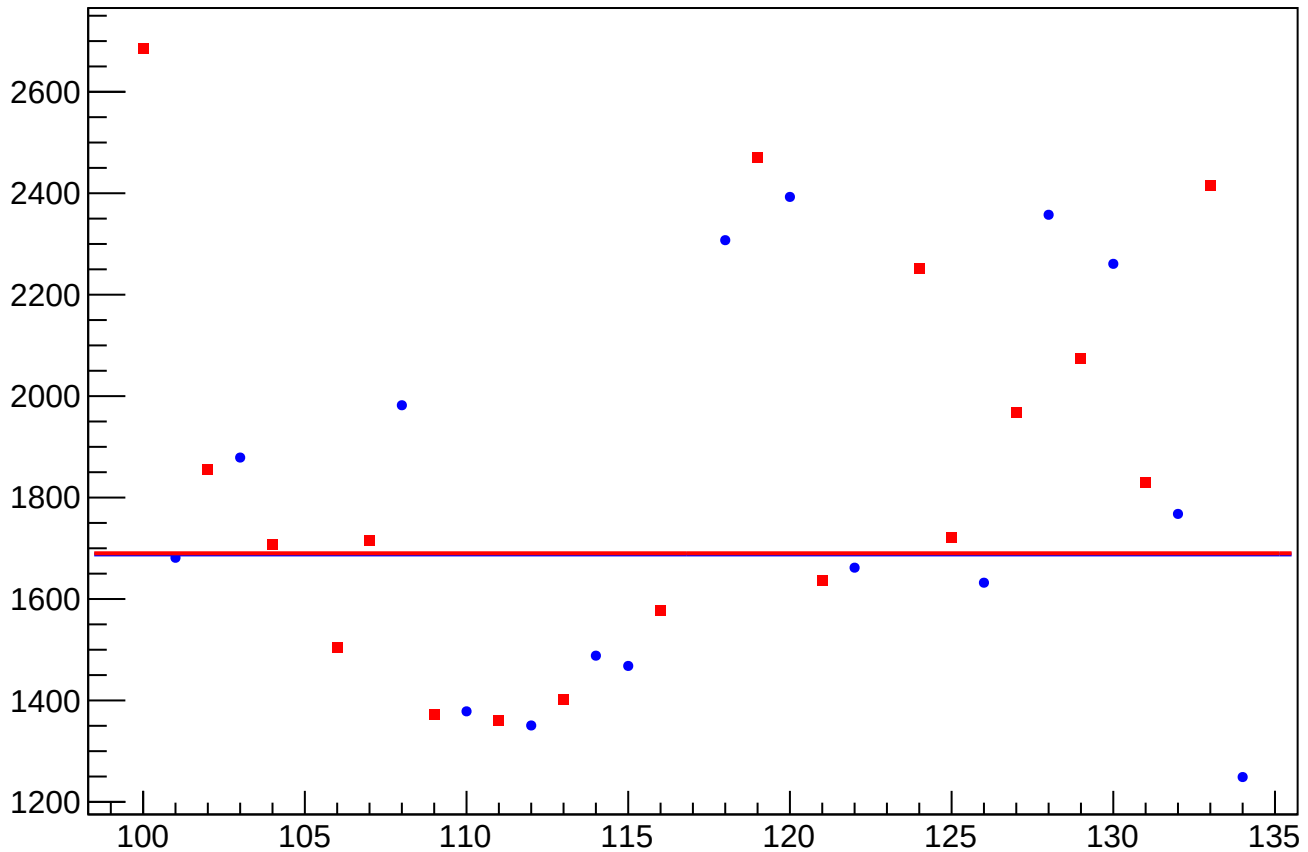
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 885.579+/-478.466 χ^2/NDF : 31.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_rms vs Slug



Right In: 1687.910+/-0.487 χ^2/NDF : 512322.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1690.149+/-0.470 χ^2/NDF : 461597.5/16

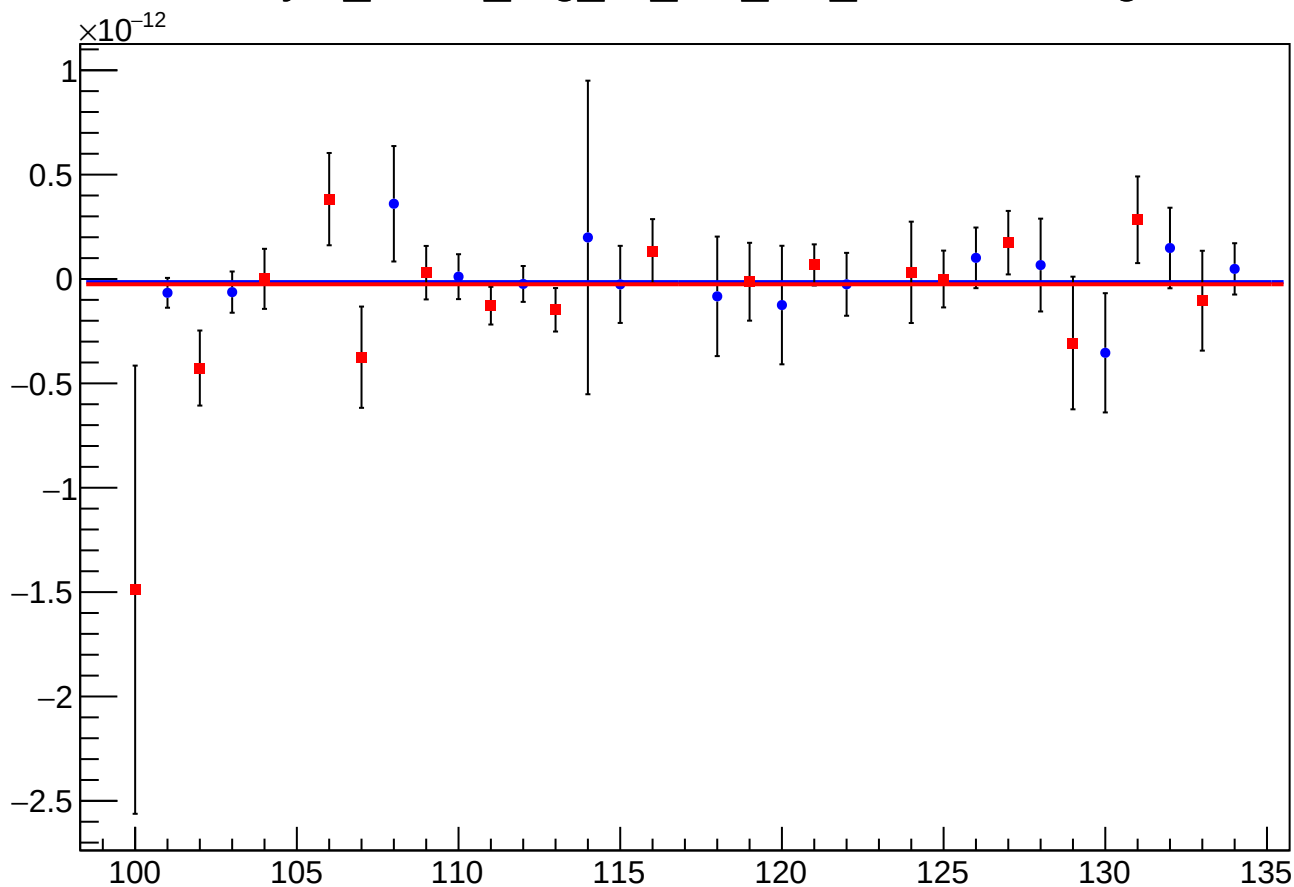
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1689.070+/-0.338 χ^2/NDF : 973931.3/31

- sign 0.000+/-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 : 22.1/16

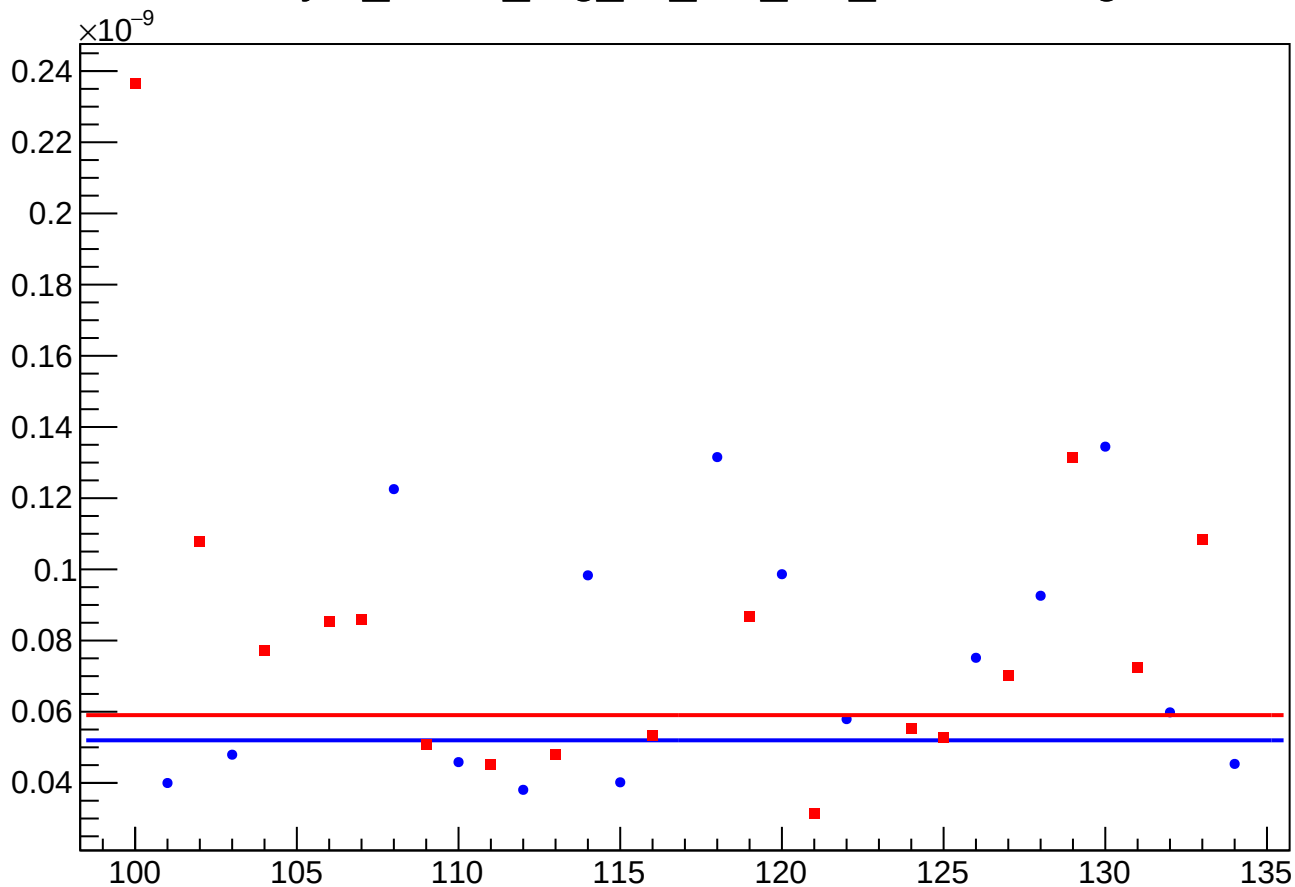
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.2/31

- 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 : 780532.2/16

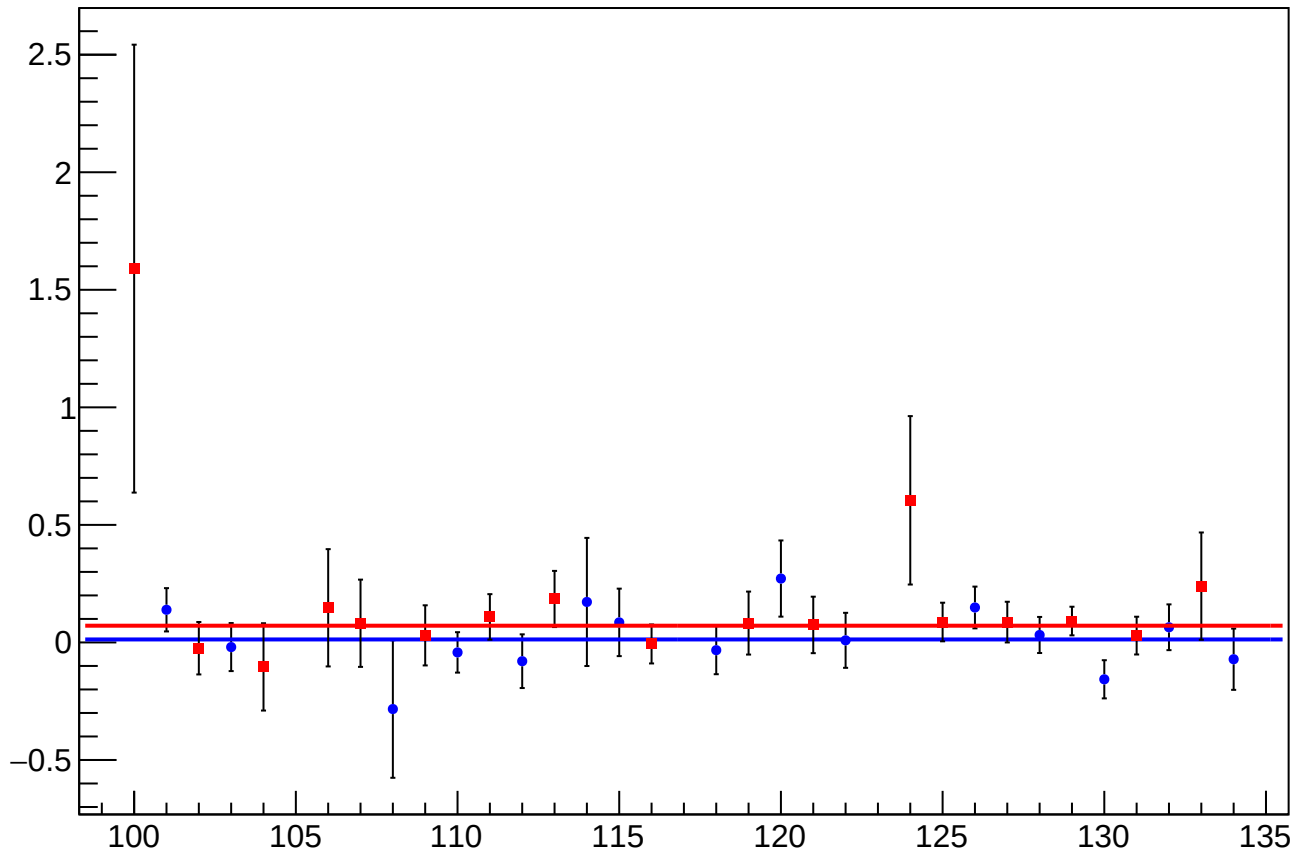
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1588955.9/31

- 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: 0.071 $\pm$ 0.027 χ^2 /NDF: 9.5/16

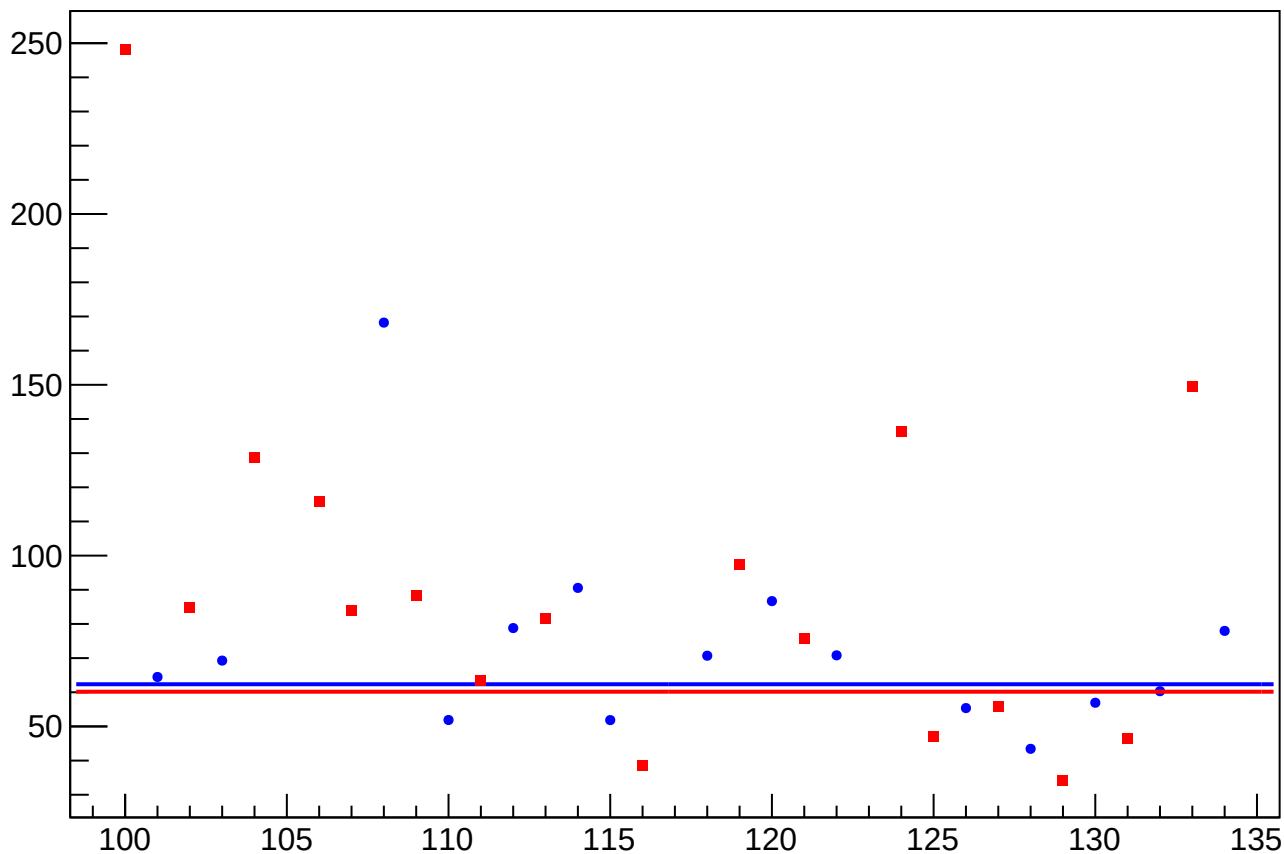
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.043 $\pm$ 0.019 χ^2 /NDF: 26.7/31

- 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+/-0.019 χ^2/NDF : 616553.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.163+/-0.019 χ^2/NDF : 1944457.5/16

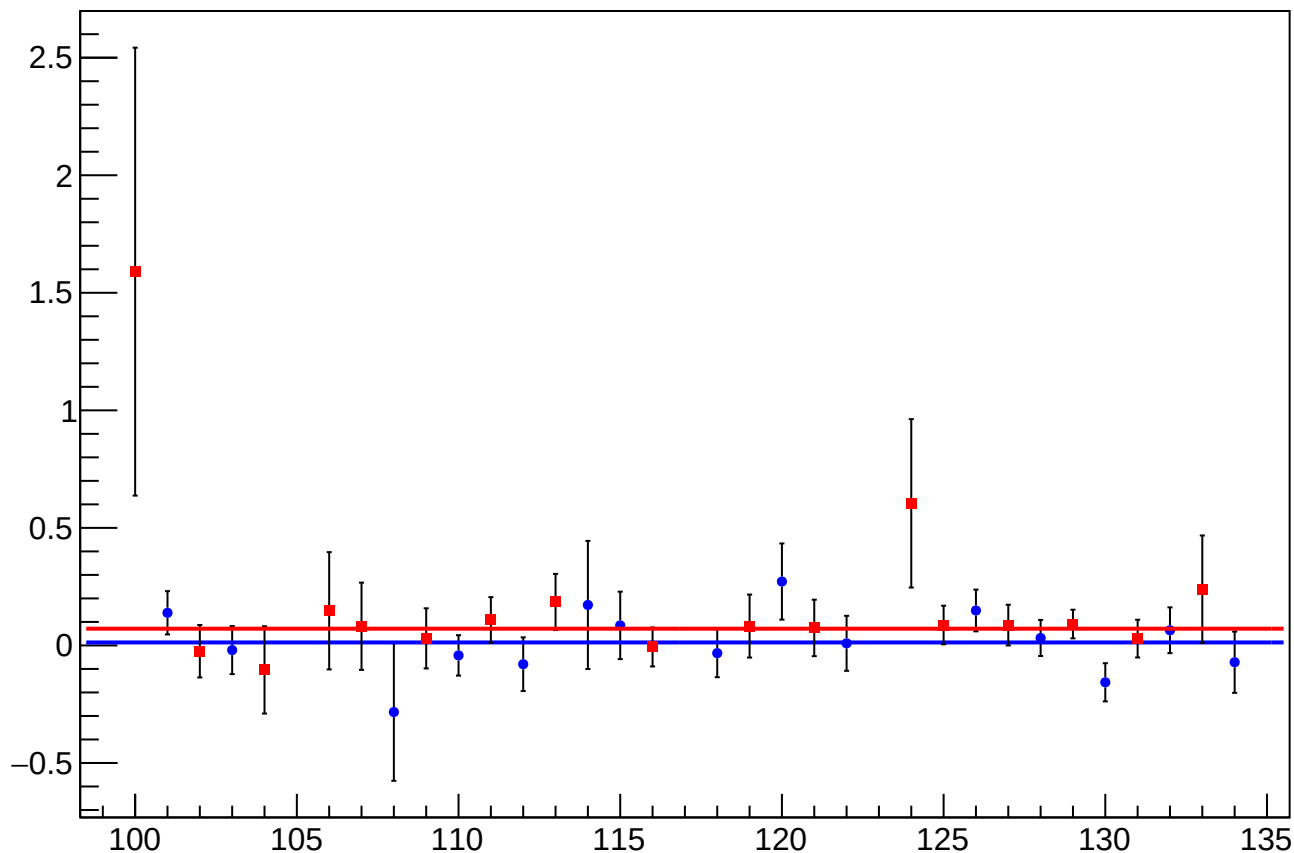
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.224+/-0.014 χ^2/NDF : 2567494.5/31

- sign 0.000+/-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: 0.071 $\pm$ 0.027 χ^2/NDF : 9.5/16

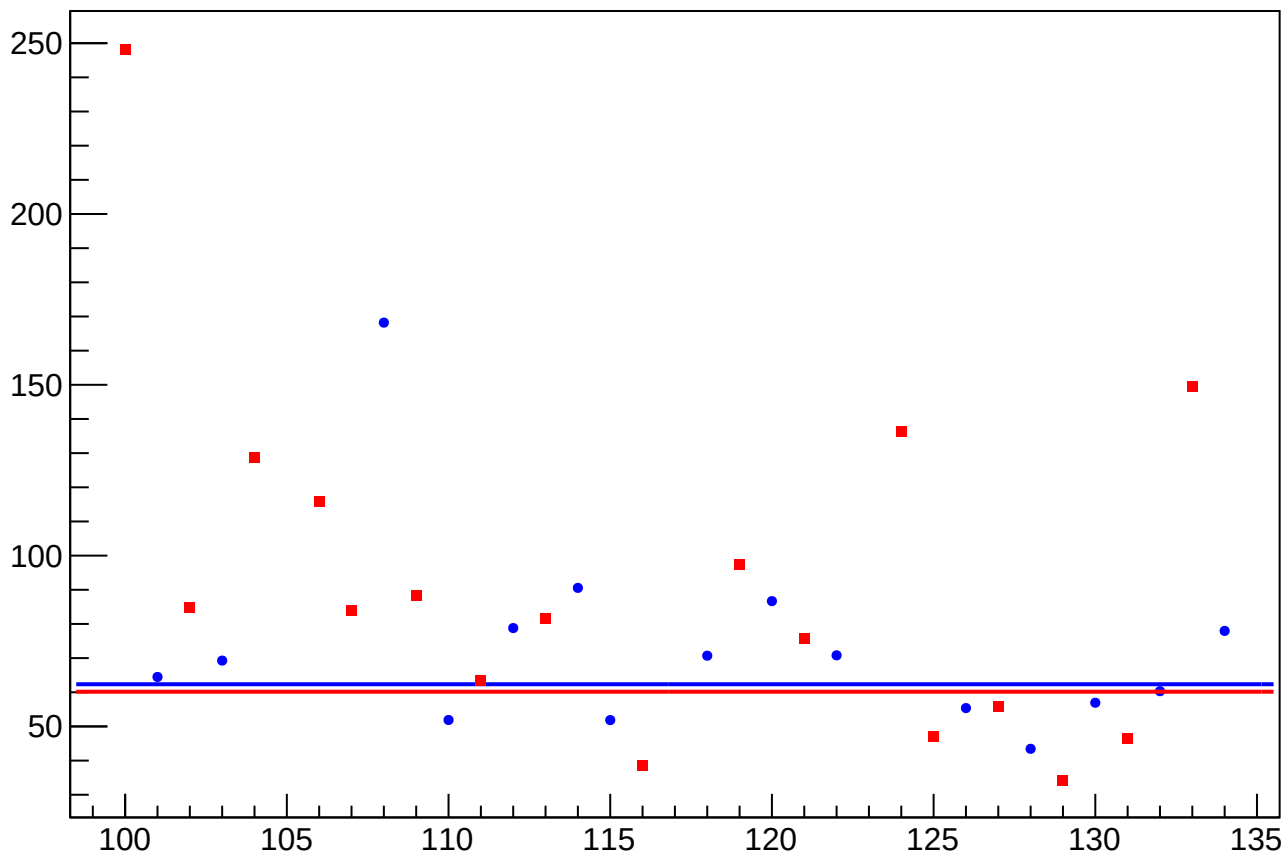
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.043 $\pm$ 0.019 χ^2/NDF : 26.7/31

- 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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

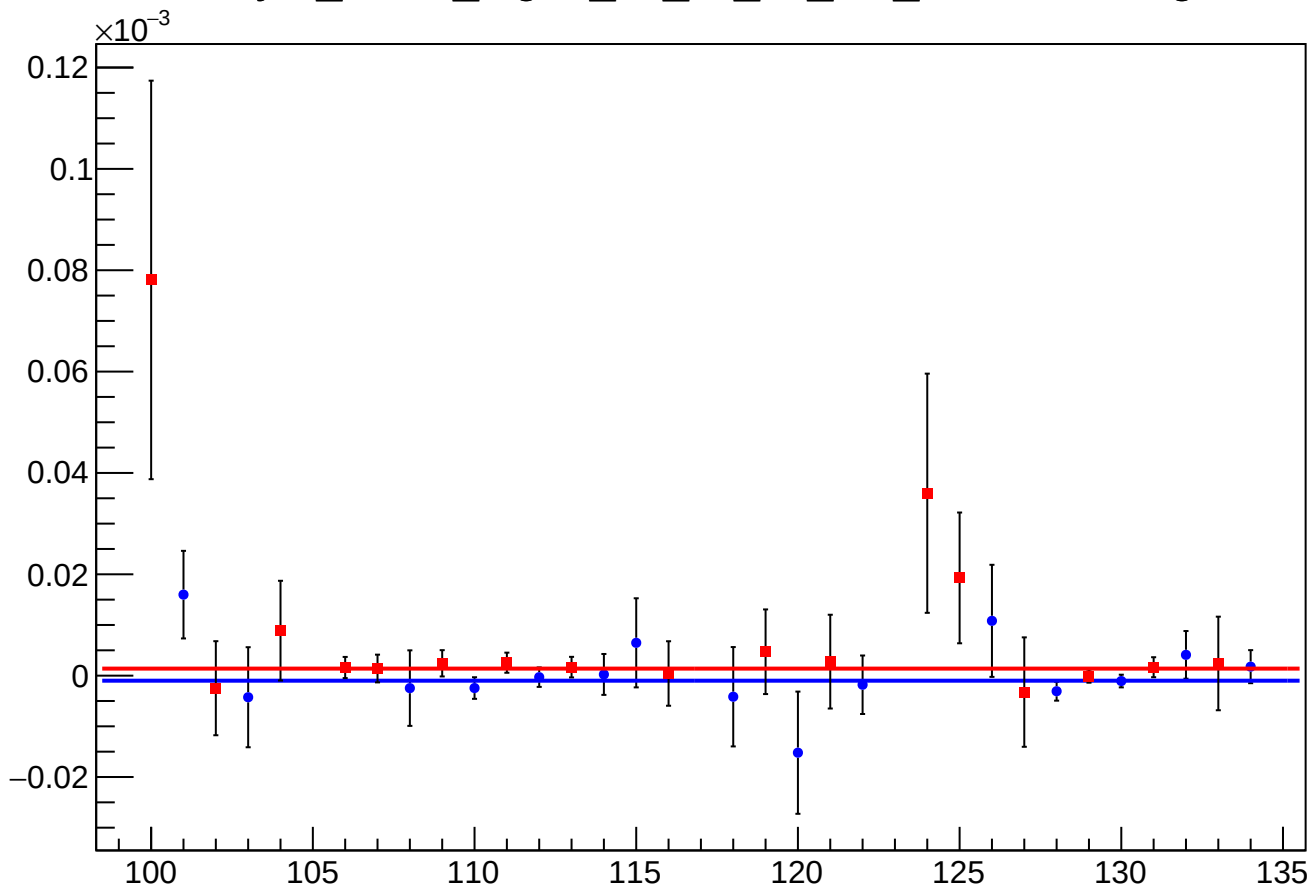
Right Out: 60.163 $\pm$ 0.019 χ^2 /NDF: 1944457.5/16

All: 61.224 $\pm$ 0.014 χ^2 /NDF: 2567494.5/31

- 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_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 : 10.9/16

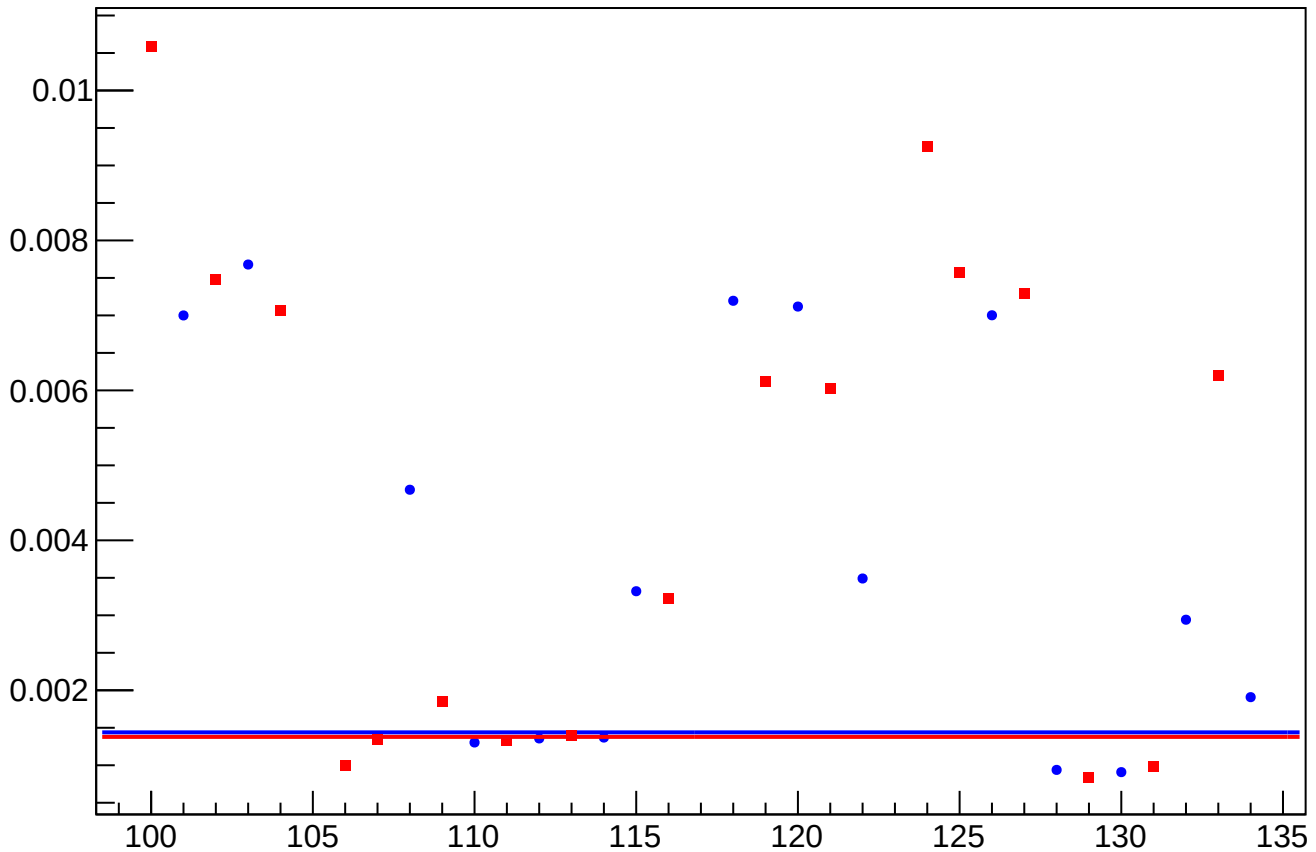
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 27.4/31

- 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 : 5361908.7/16

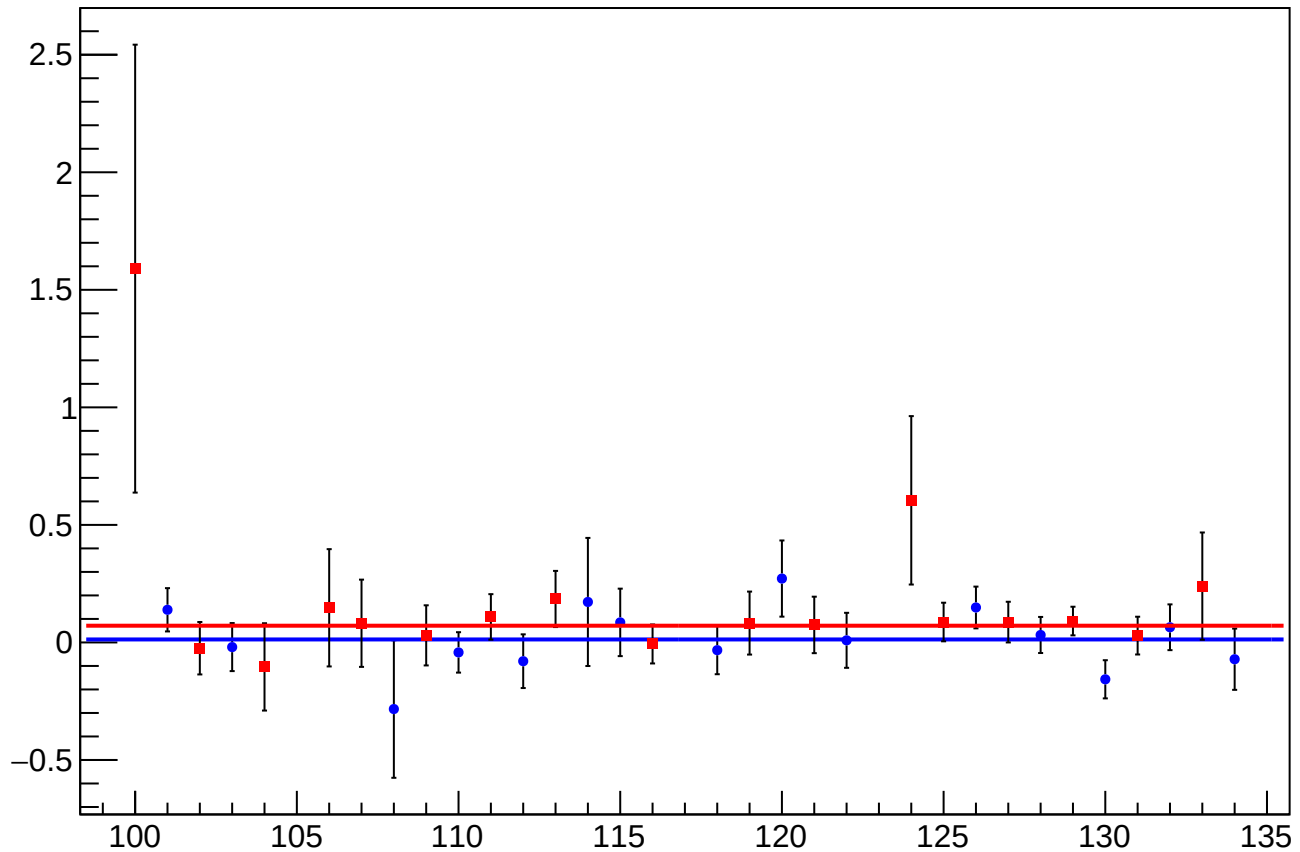
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 10118352.6/31

- 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+/-0.028 χ^2/NDF : 14.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.071+/-0.027 χ^2/NDF : 9.5/16

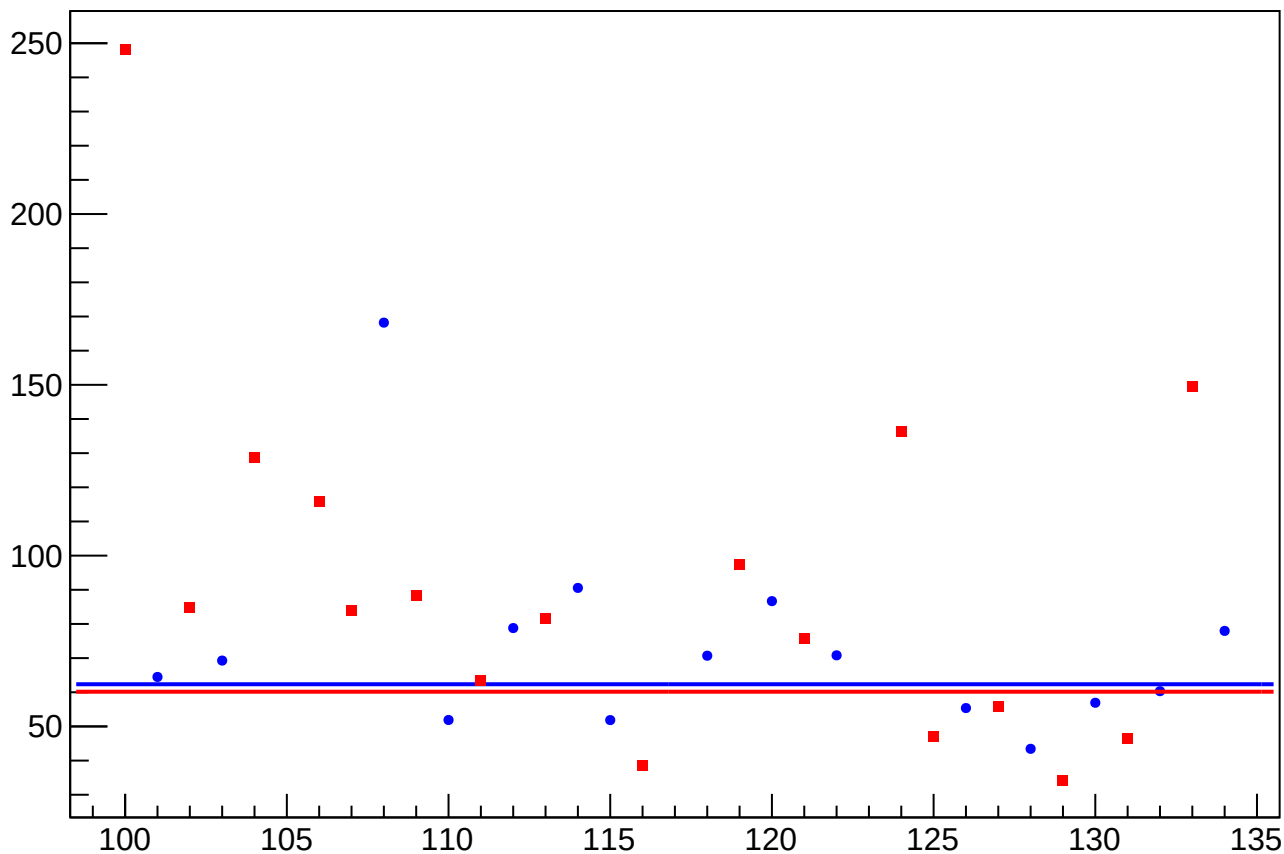
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.043+/-0.019 χ^2/NDF : 26.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_dit_vs_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

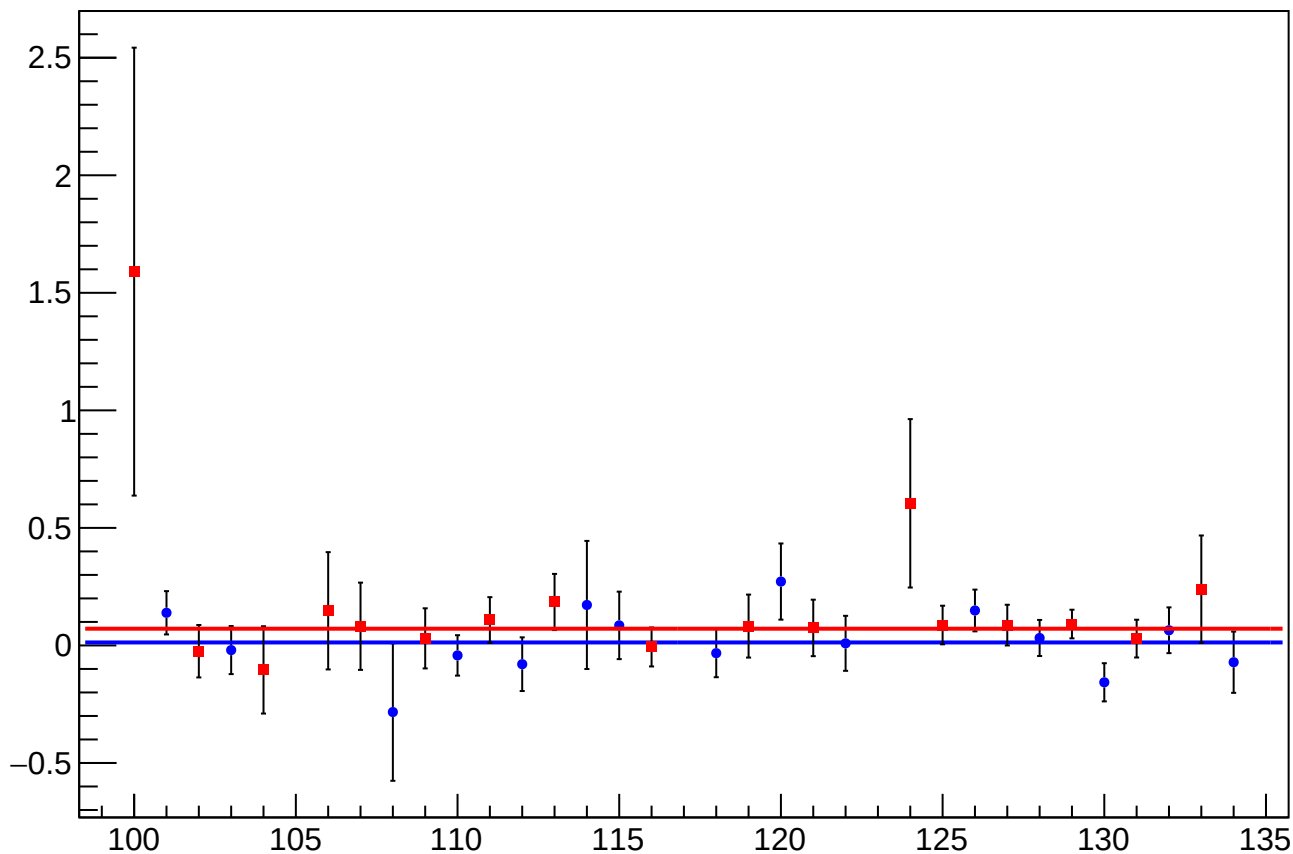
Right Out: 60.164+/-0.019 χ^2/NDF : 1944529.5/16

All: 61.225+/-0.014 χ^2/NDF : 2567576.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_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: 0.071 $\pm$ 0.027 χ^2 /NDF: 9.5/16

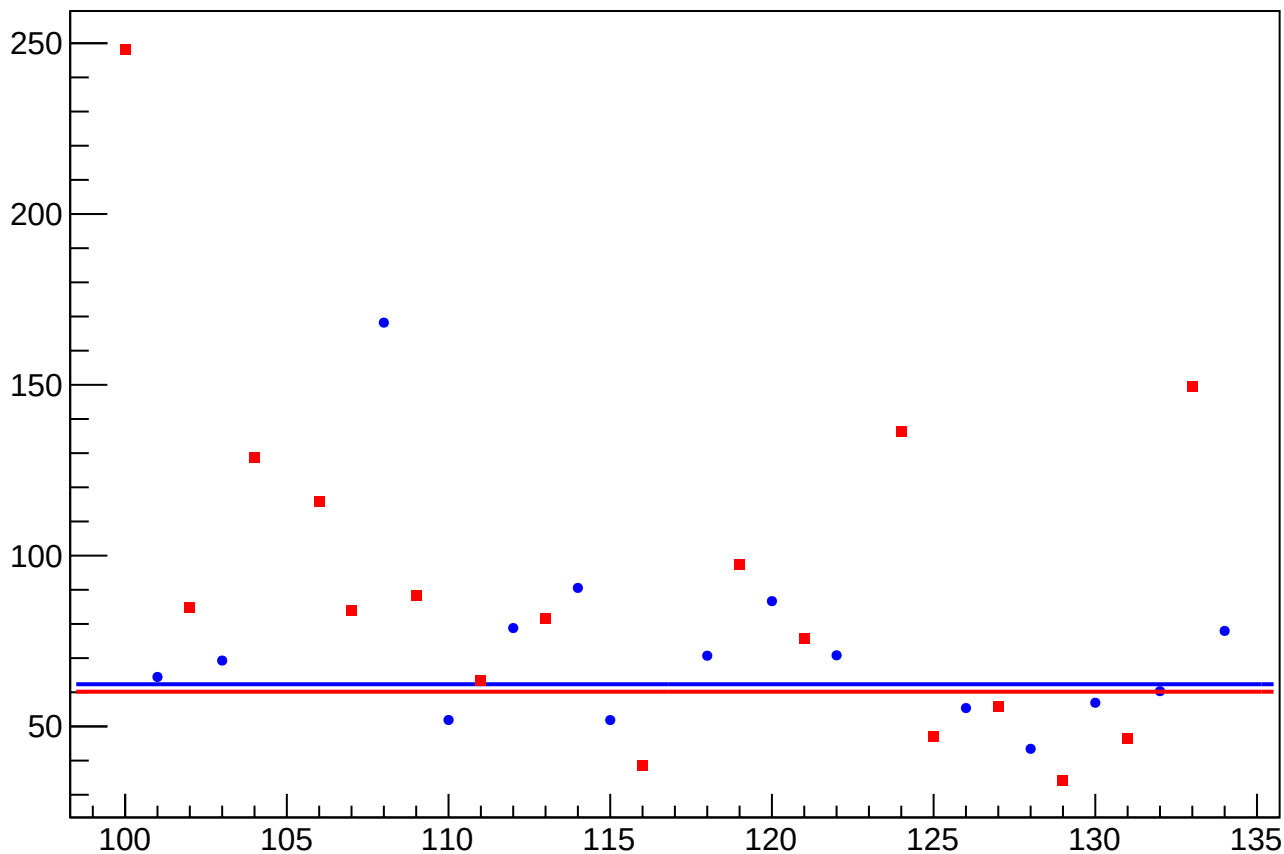
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.043 $\pm$ 0.019 χ^2 /NDF: 26.7/31

- sign 0.000 $\pm$ 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

Right Out: 60.164+/-0.019 χ^2/NDF : 1944529.5/16

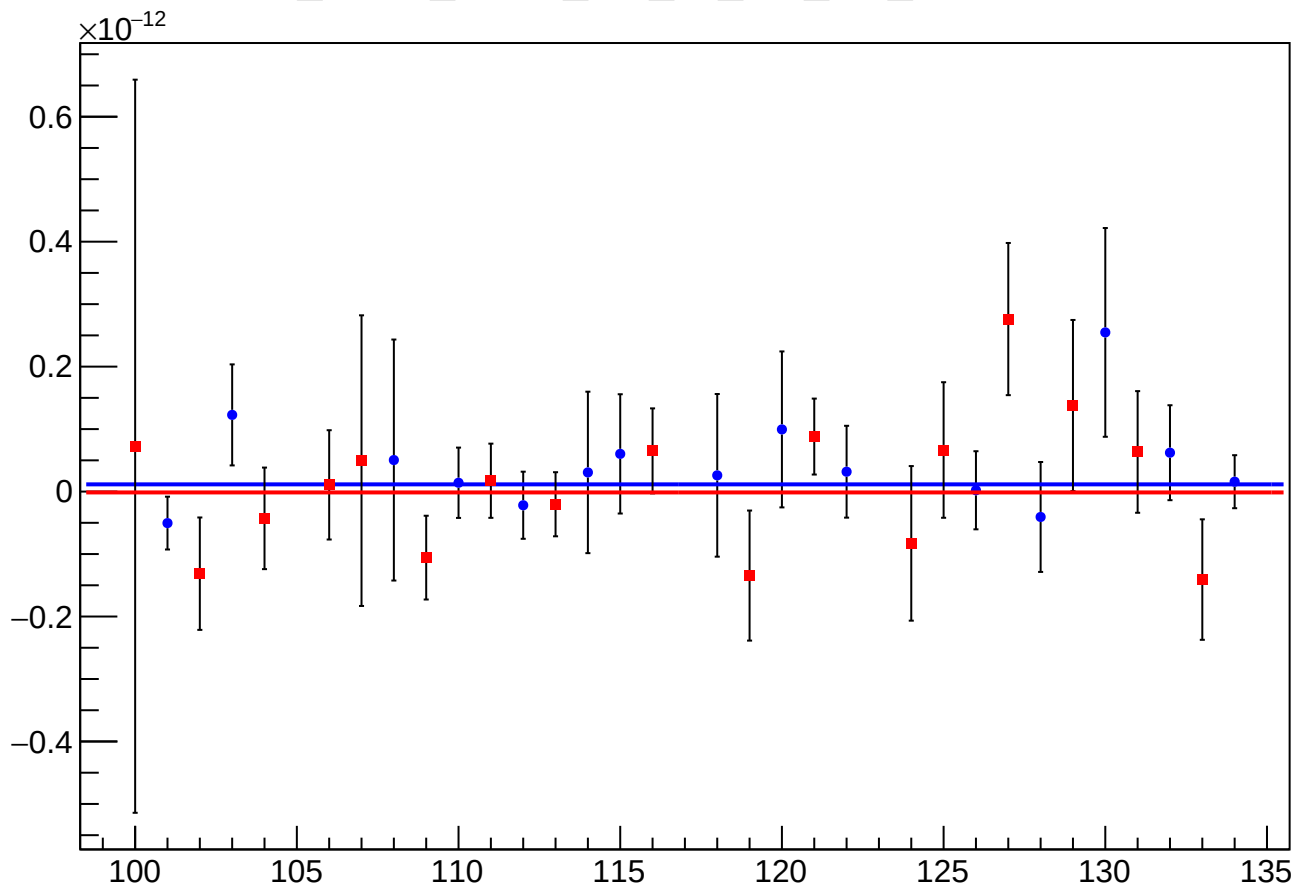
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.225+/-0.014 χ^2/NDF : 2567576.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_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 : 19.4/16

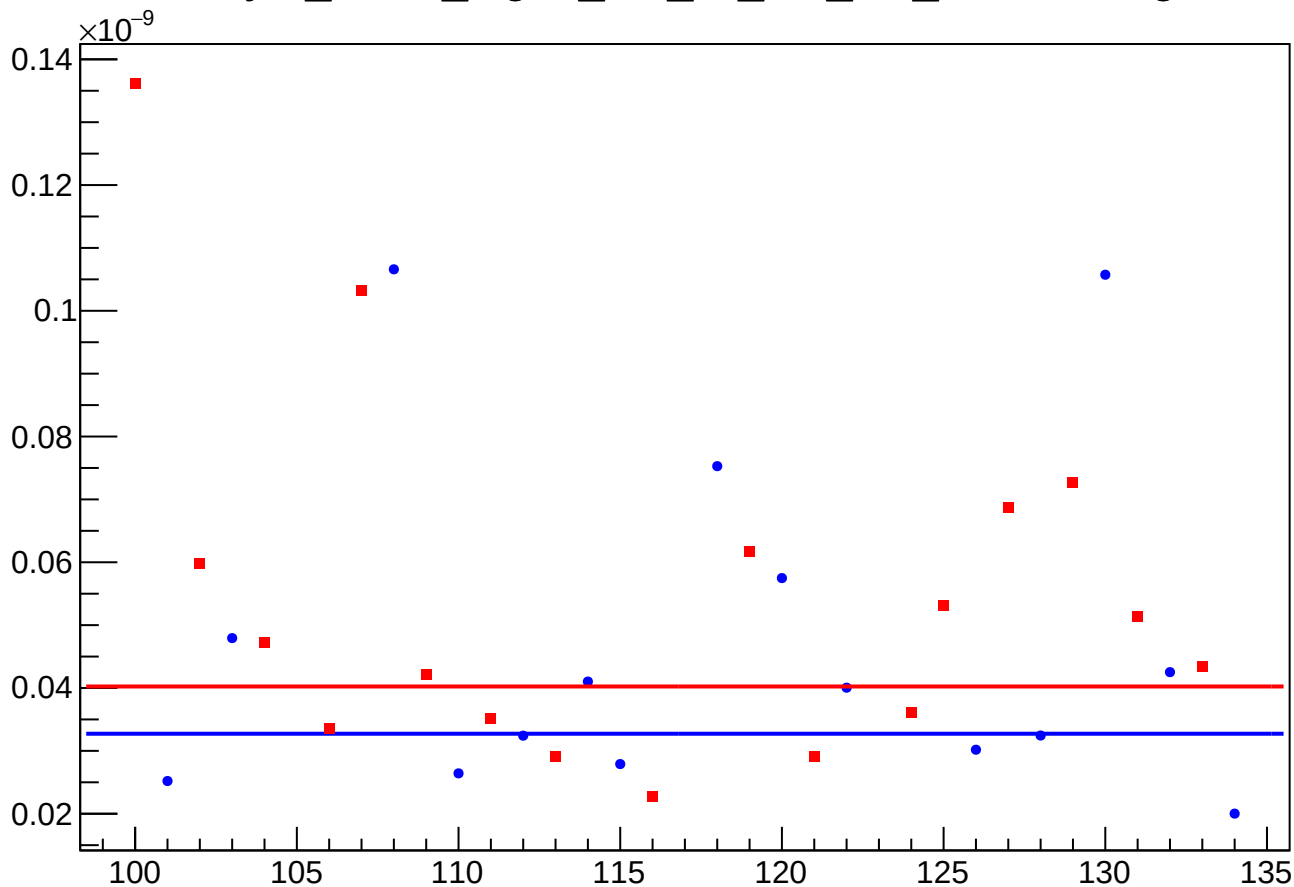
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 27.9/31

- sign 0.000 ± 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 : 996581.9/16

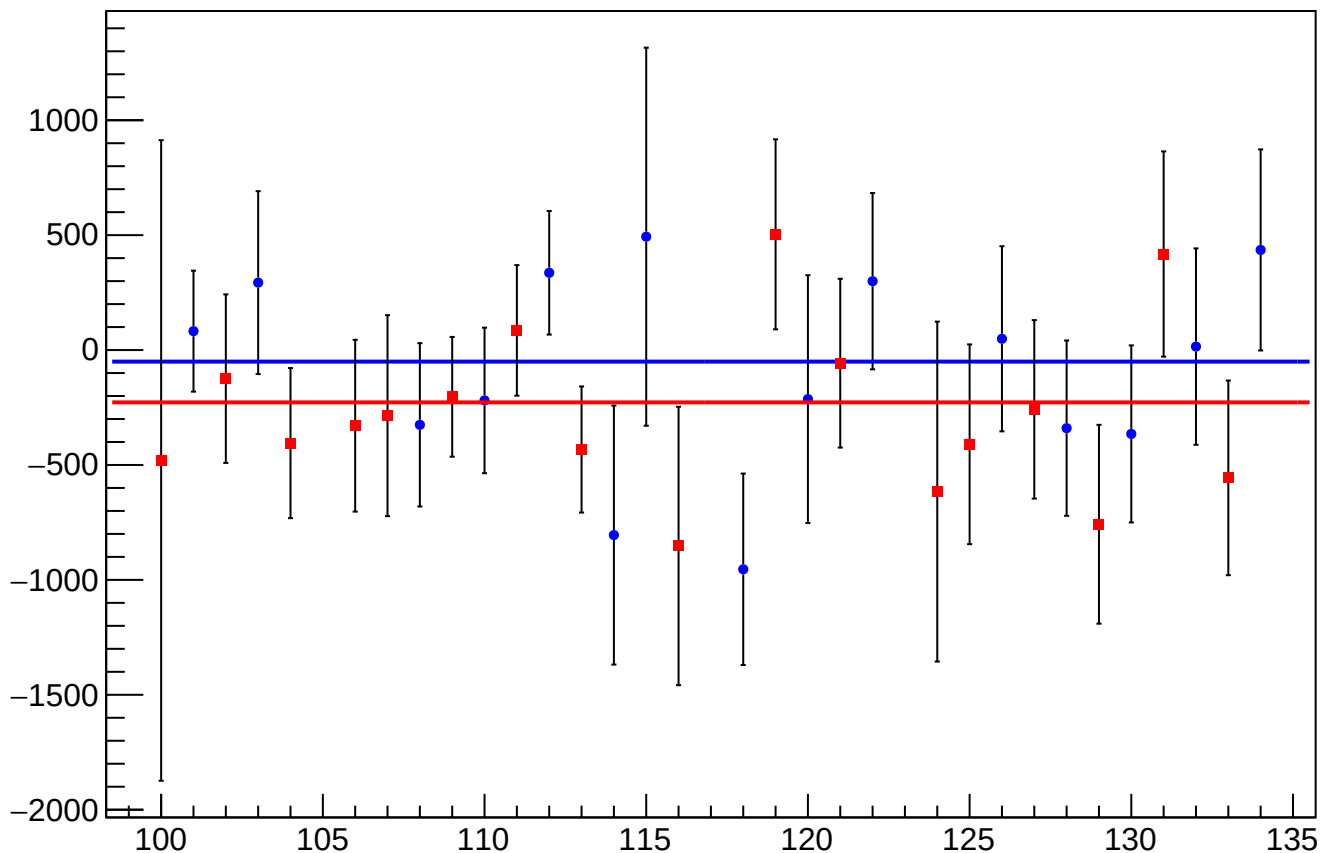
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2523088.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_mean vs Slug



Right In: -50.274 ± 98.261 χ^2/NDF : 14.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -227.697 ± 92.925 χ^2/NDF : 11.3/16

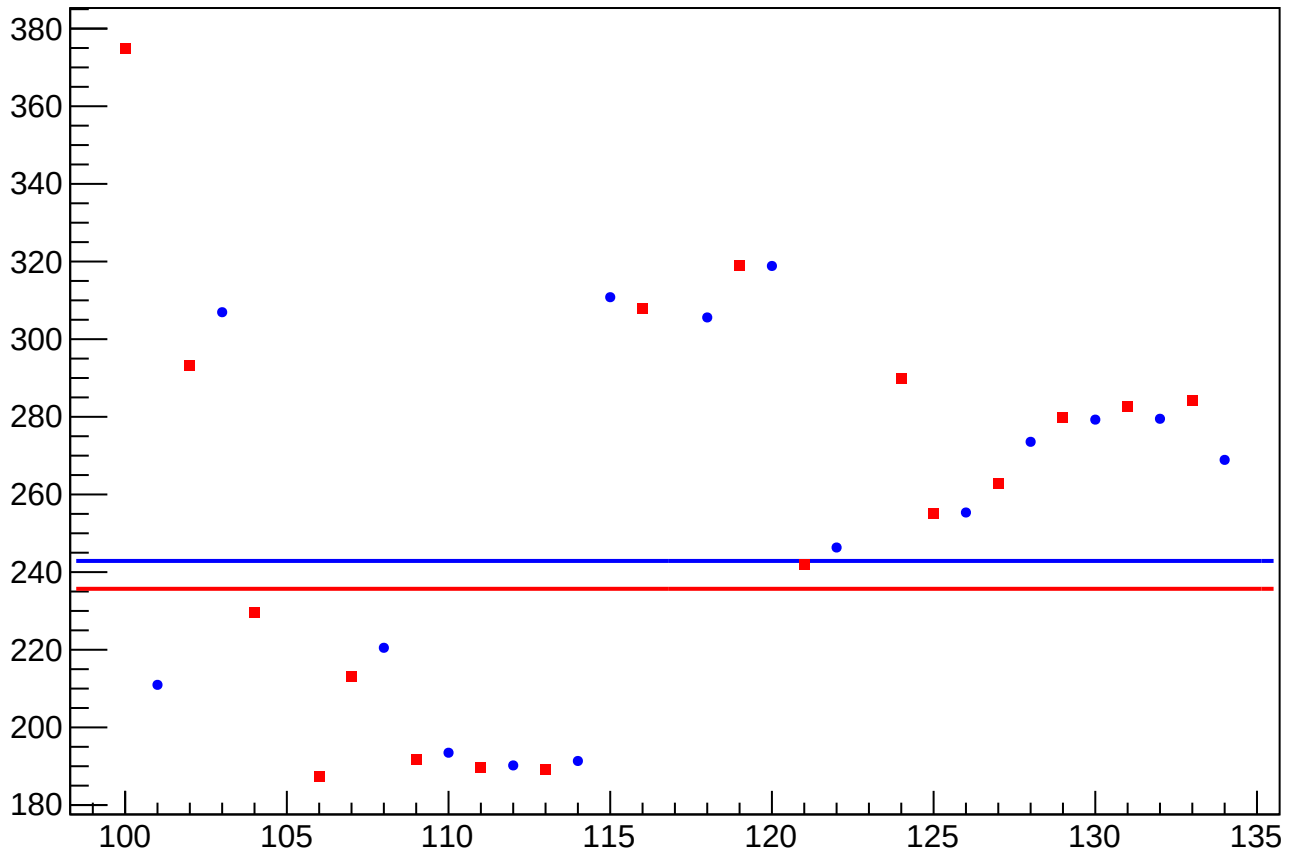
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -143.934 ± 67.515 χ^2/NDF : 27.4/31

- sign 0.000 ± 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: 235.700 $\pm$ 0.066 χ^2 /NDF: 479256.5/16

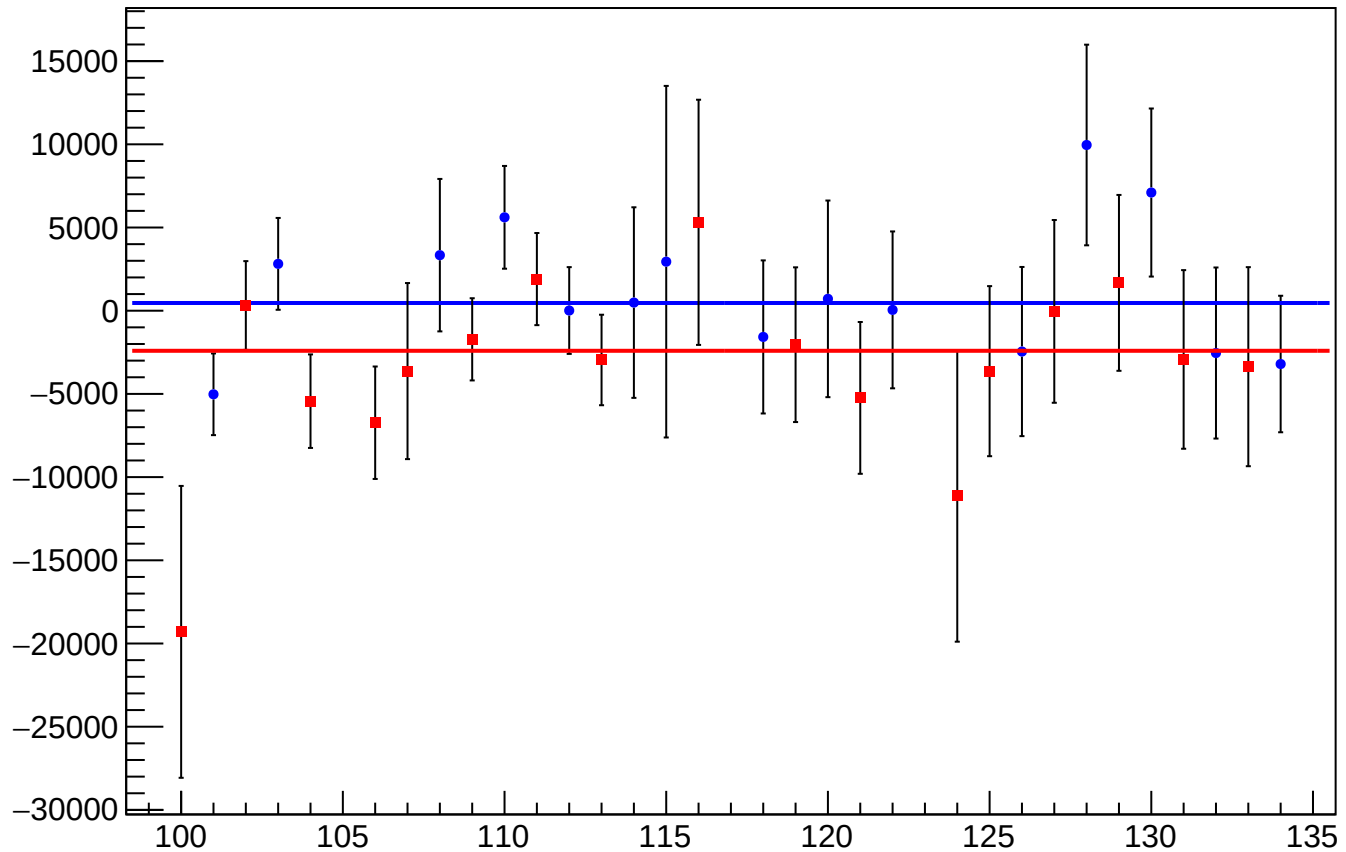
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 239.090 $\pm$ 0.048 χ^2 /NDF: 869539.3/31

- 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: -2408.452 $\pm$ 941.211 χ^2 /NDF: 13.5/16

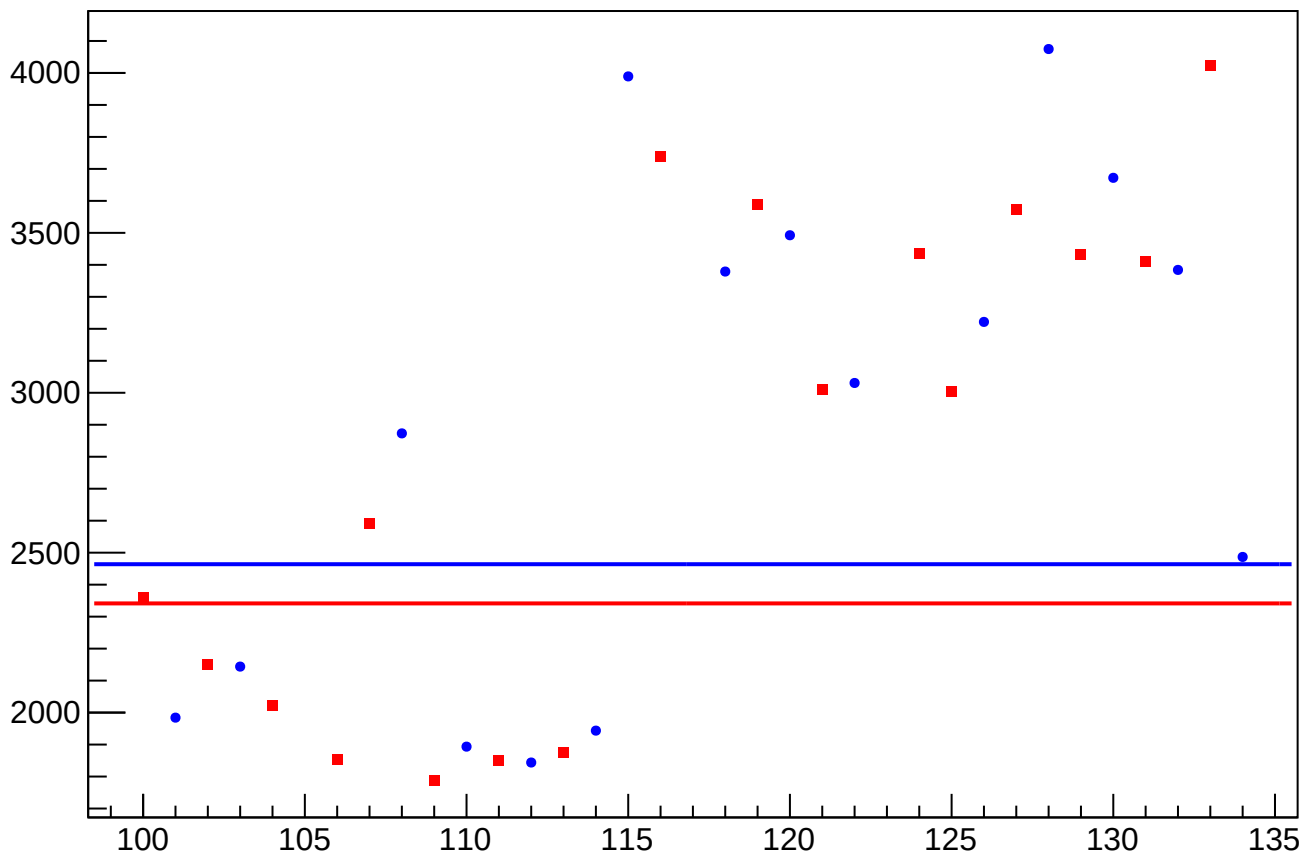
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1088.182 $\pm$ 691.924 χ^2 /NDF: 32.6/31

- 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

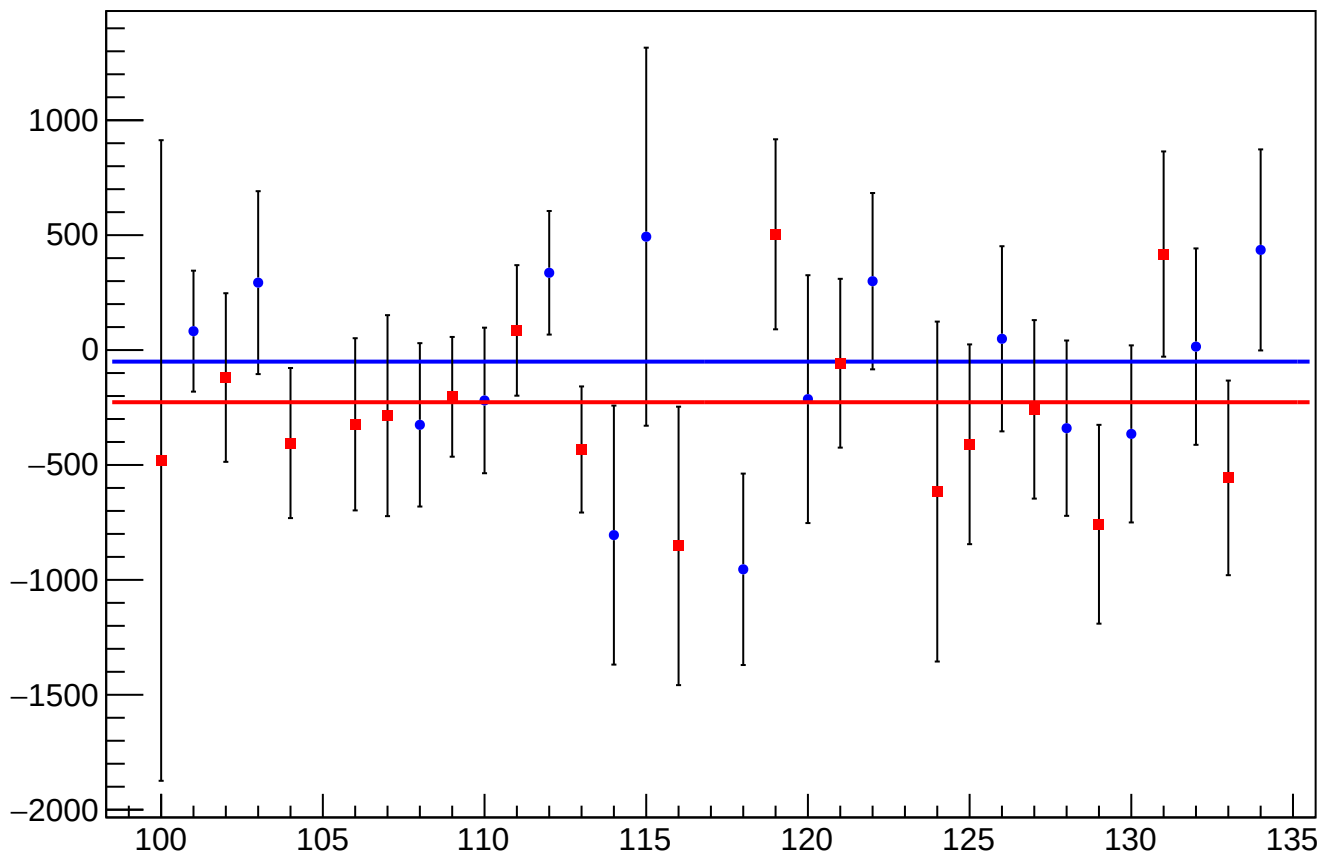
Right Out: 2341.369+/-0.666 χ^2/NDF : 1051179.3/16

All: 2397.698+/-0.489 χ^2/NDF : 1960072.6/31

- 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_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: -226.967 $\pm$ 92.941 χ^2 /NDF: 11.3/16

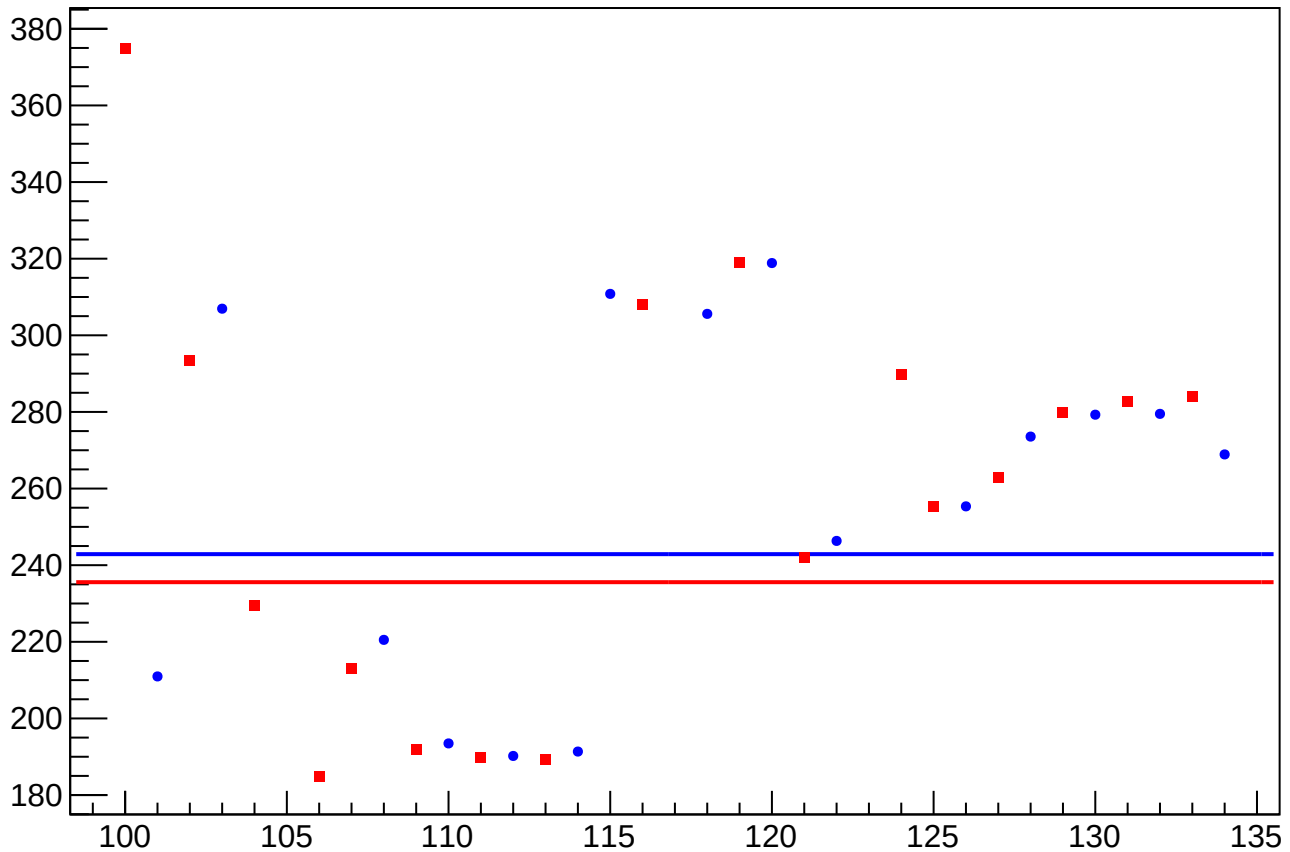
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -143.547 $\pm$ 67.522 χ^2 /NDF: 27.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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: 235.565 $\pm$ 0.066 χ^2 /NDF: 482832.3/16

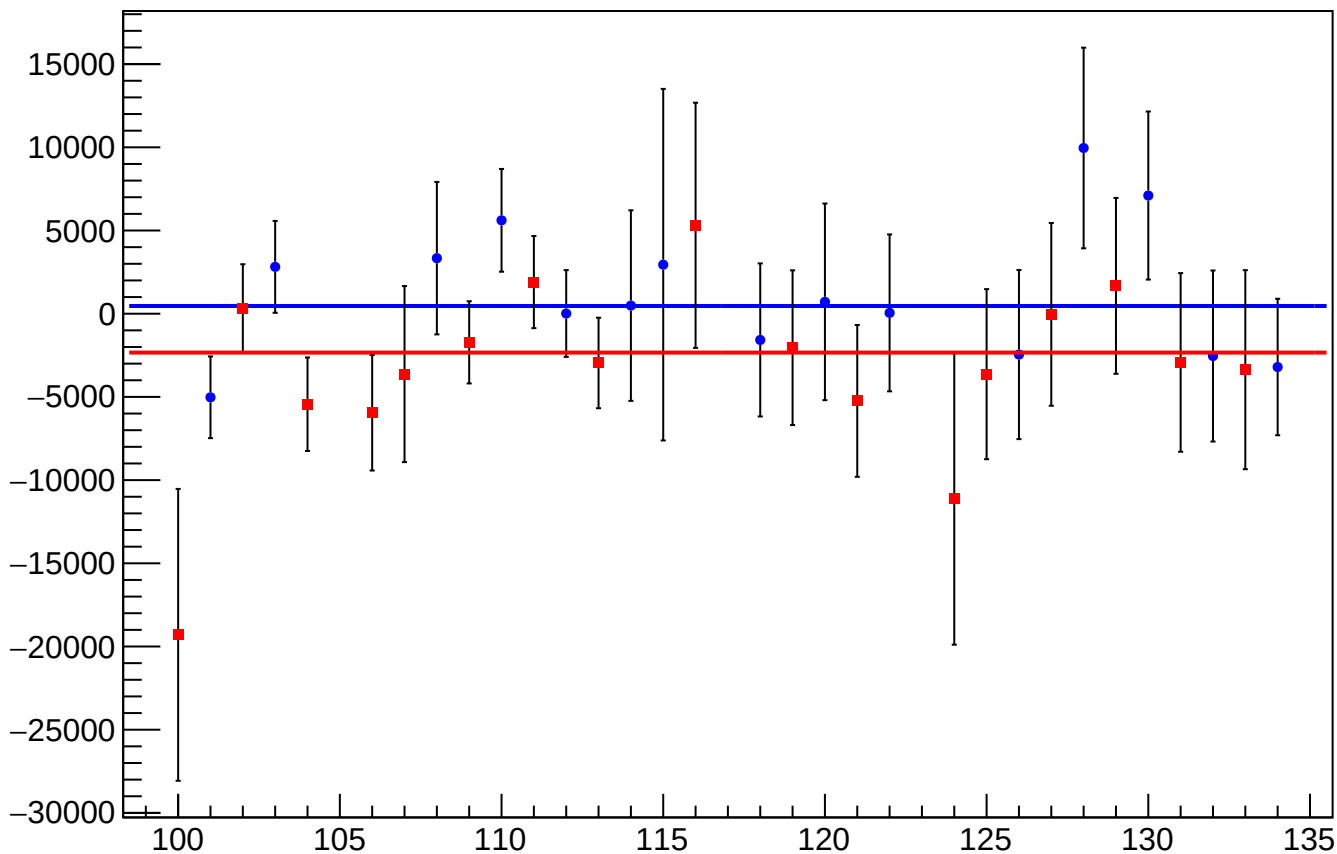
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 239.019 $\pm$ 0.048 χ^2 /NDF: 873331.7/31

- sign 0.000 $\pm$ 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: -2334.778+/-943.184 χ^2/NDF : 12.9/16

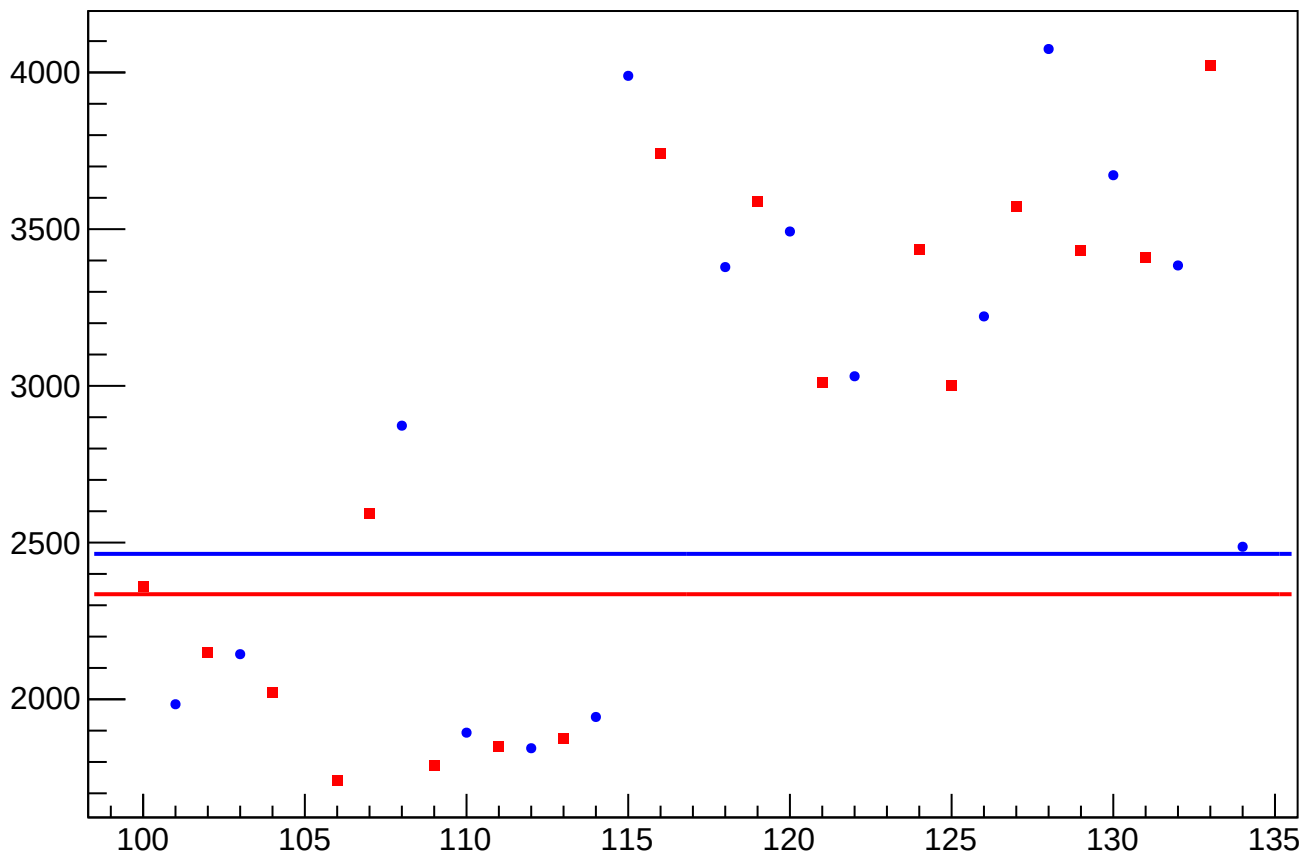
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1045.553+/-692.711 χ^2/NDF : 31.8/31

- 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

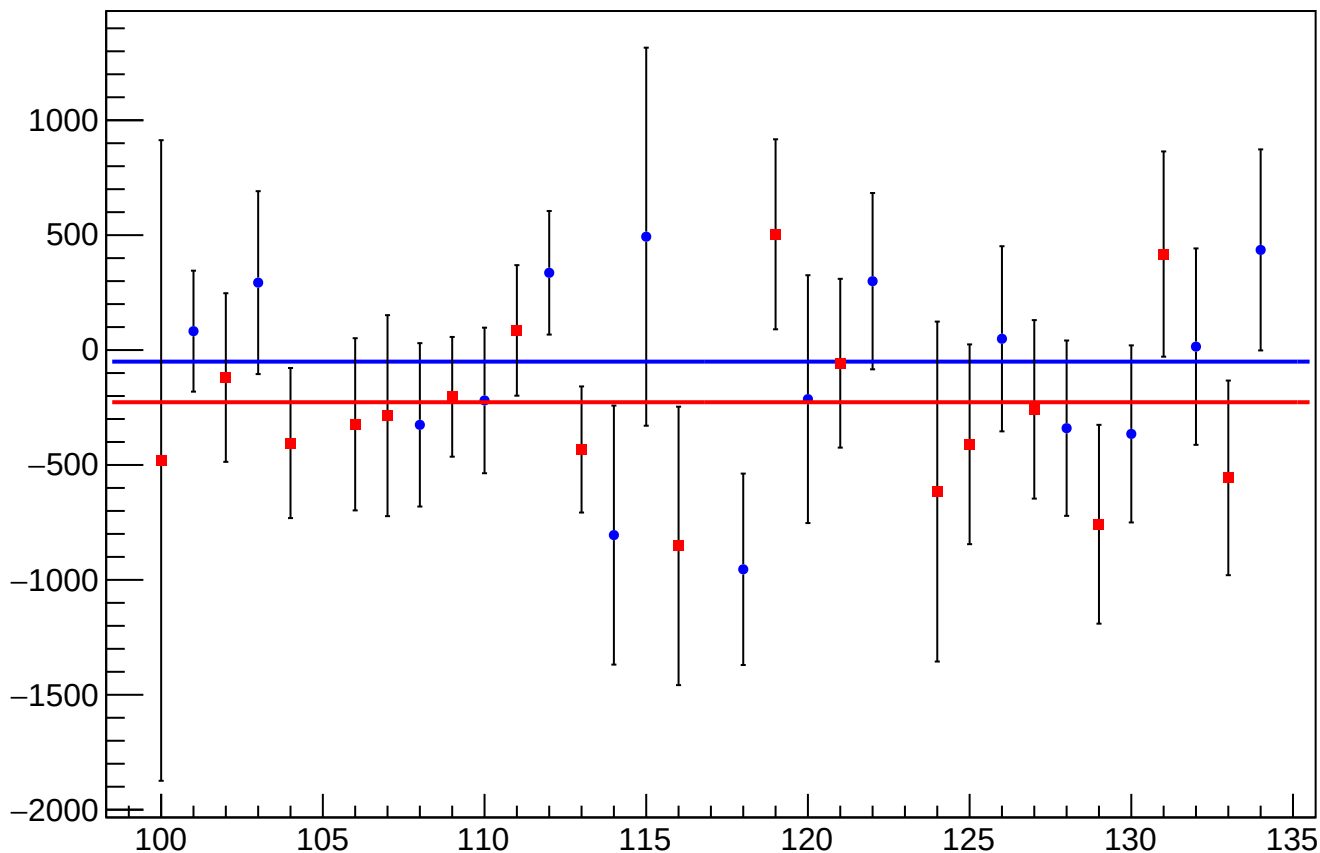
Right Out: 2335.253+/-0.667 χ^2/NDF : 1068942.2/16

All: 2394.539+/-0.490 χ^2/NDF : 1979372.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_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: -226.967+/-92.941 χ^2/NDF : 11.3/16

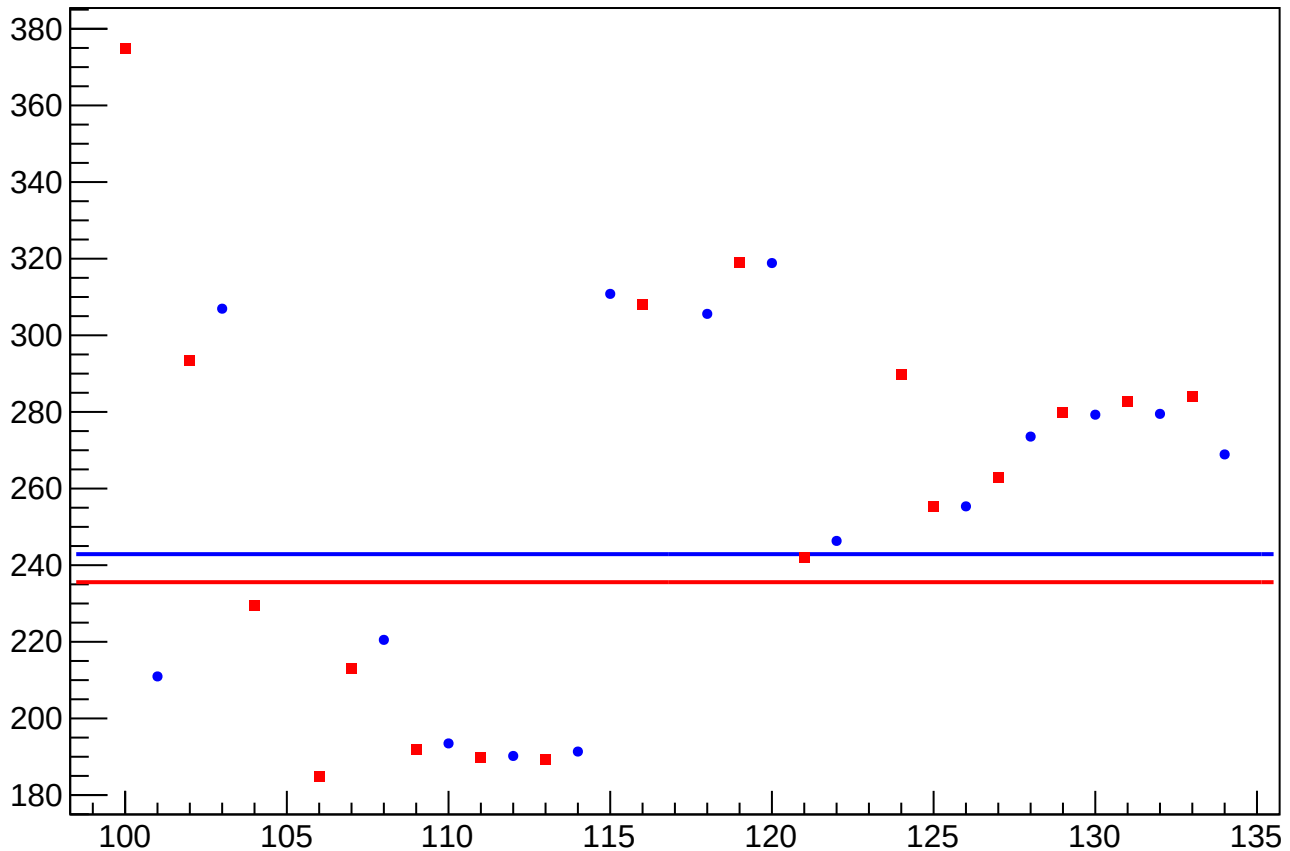
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -143.547+/-67.522 χ^2/NDF : 27.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_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: 235.565+/-0.066 χ^2/NDF : 482832.3/16

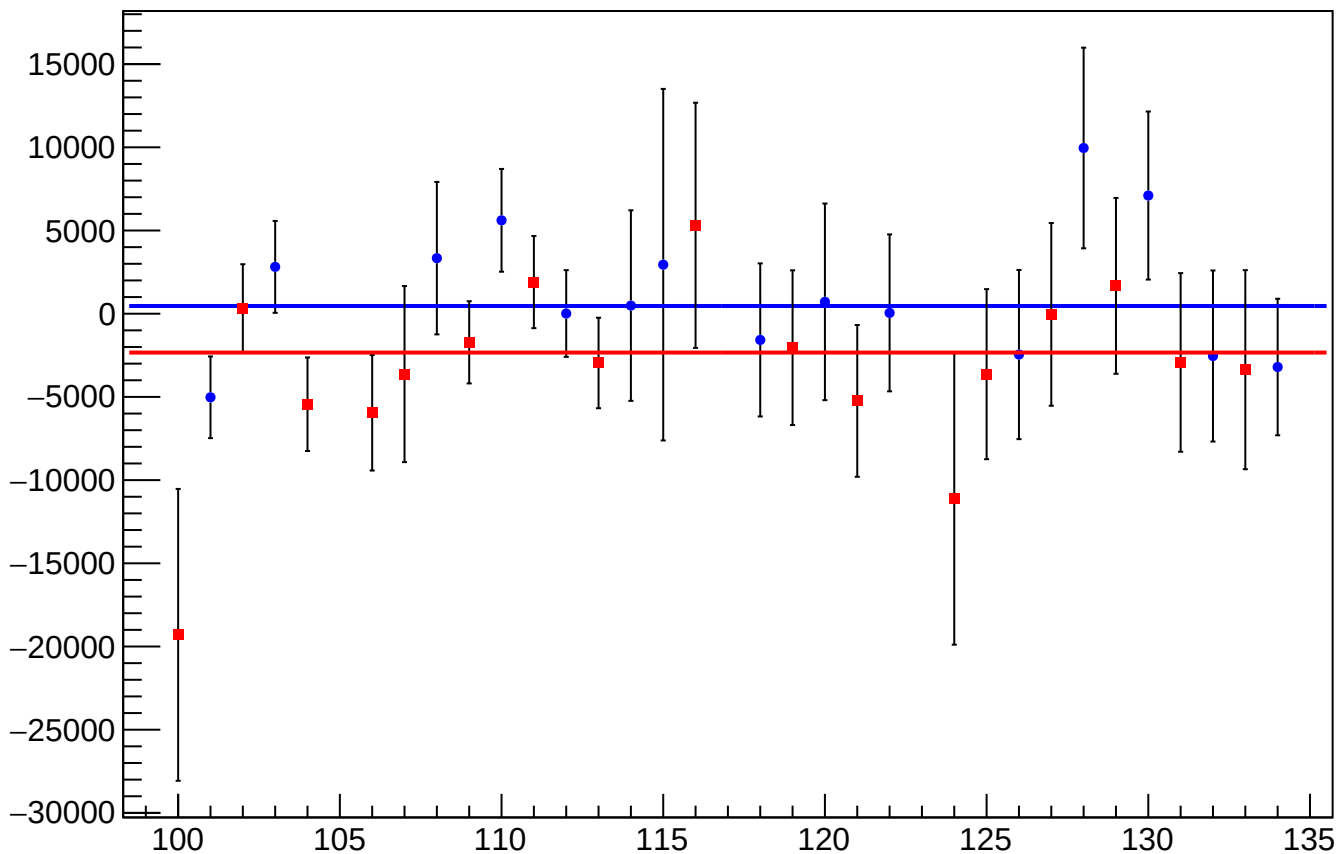
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 239.019+/-0.048 χ^2/NDF : 873331.7/31

- sign 0.000+/-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: -2334.778+/-943.184 χ^2/NDF : 12.9/16

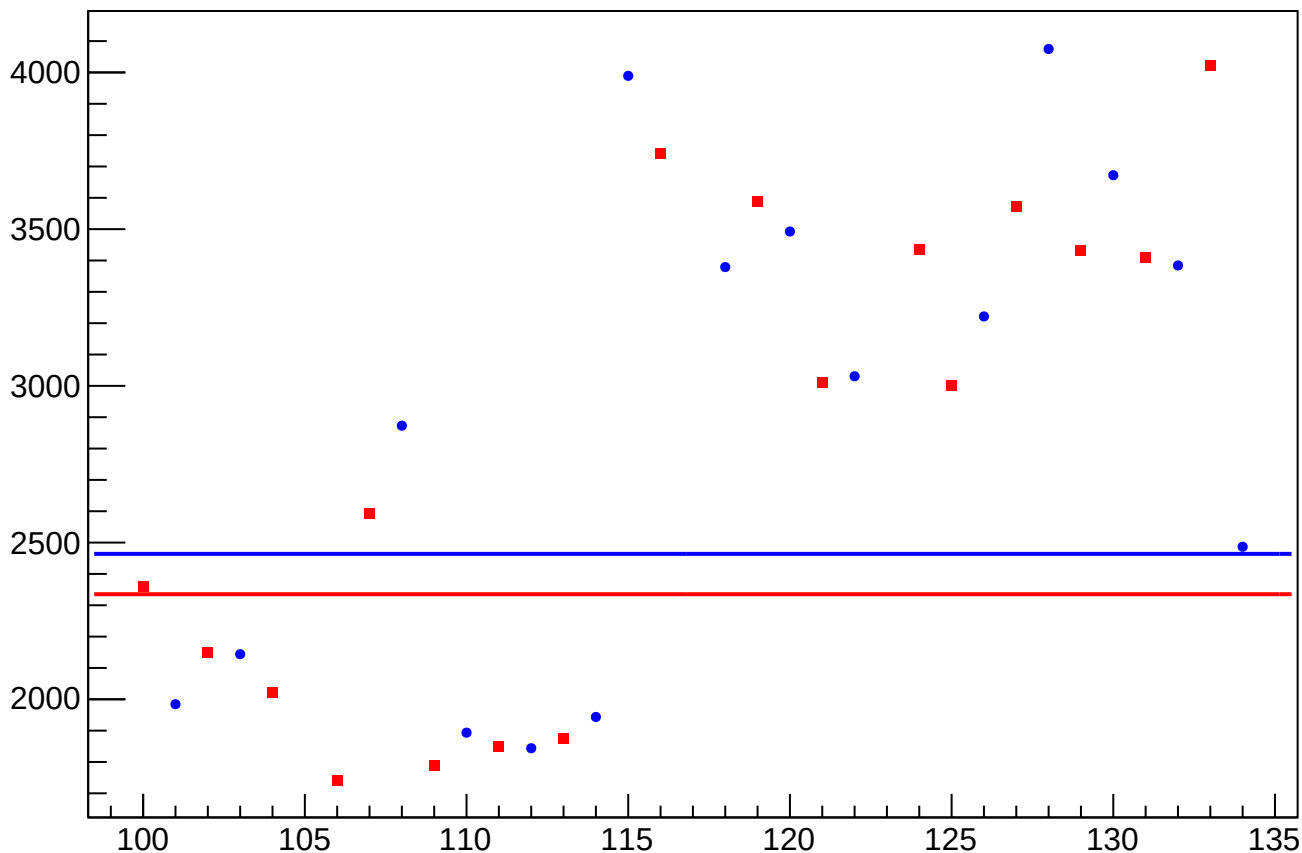
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1045.553+/-692.711 χ^2/NDF : 31.8/31

- 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

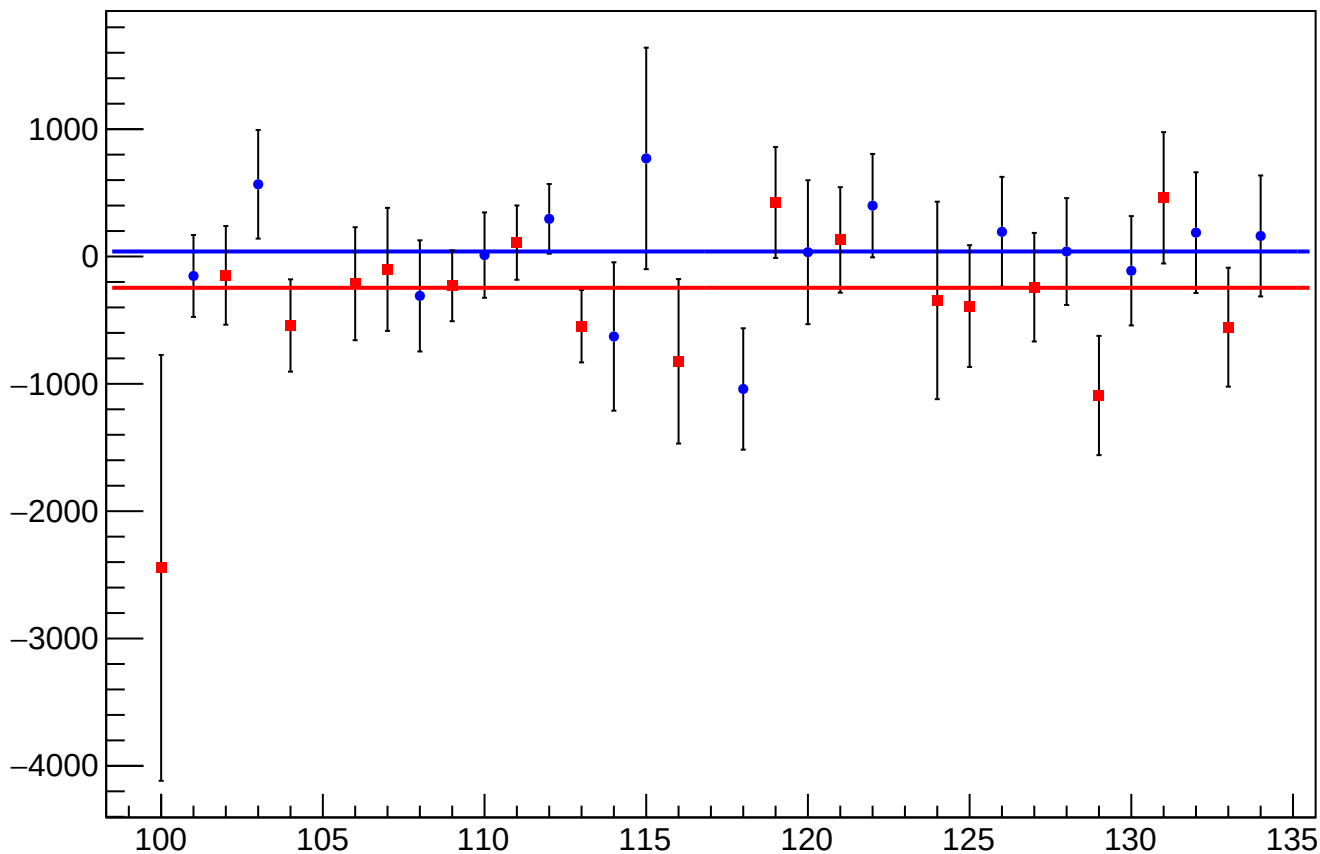
Right Out: 2335.253+/-0.667 χ^2/NDF : 1068942.2/16

All: 2394.539+/-0.490 χ^2/NDF : 1979372.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -245.782 ± 100.501 χ^2/NDF : 14.8/16

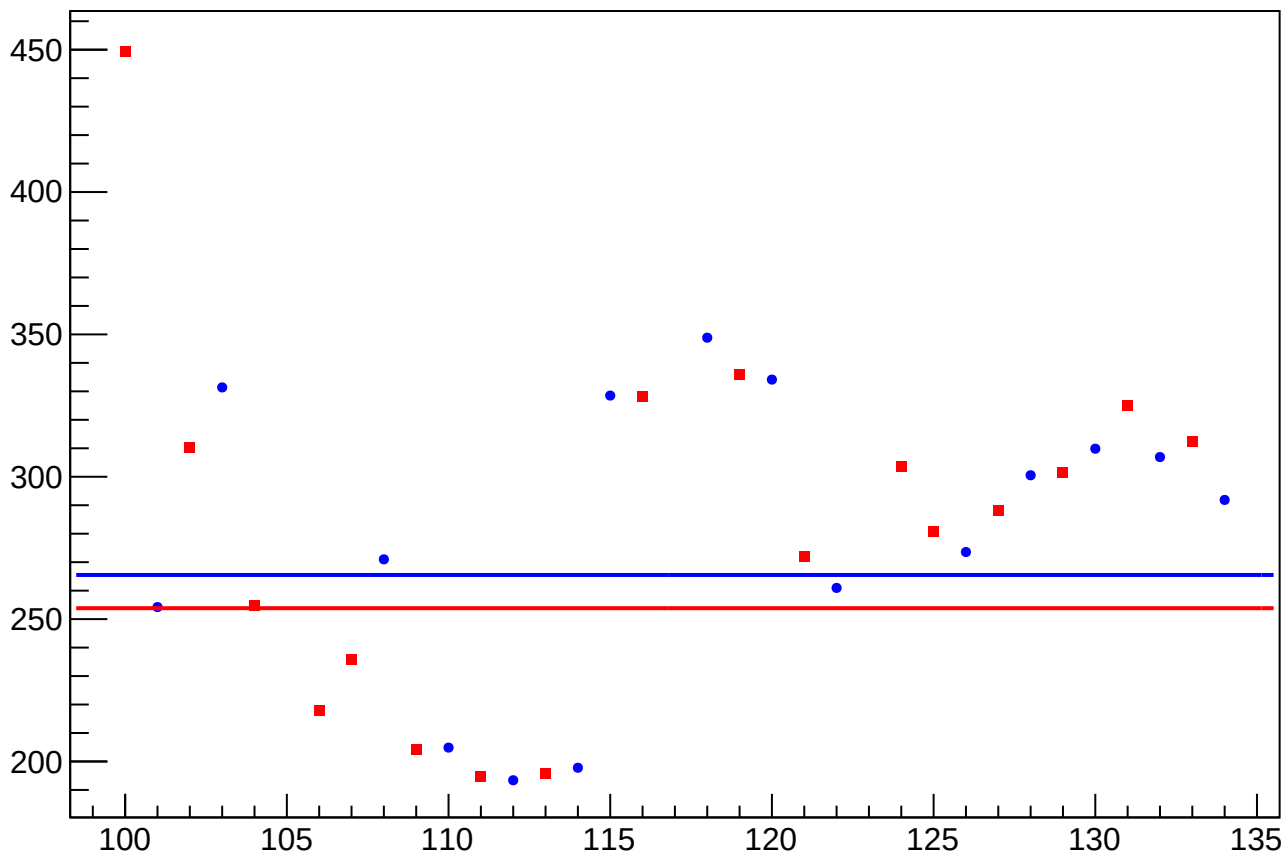
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -113.246 ± 73.537 χ^2/NDF : 30.4/31

- 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: 253.835 $\pm$ 0.071 χ^2 /NDF: 534500.8/16

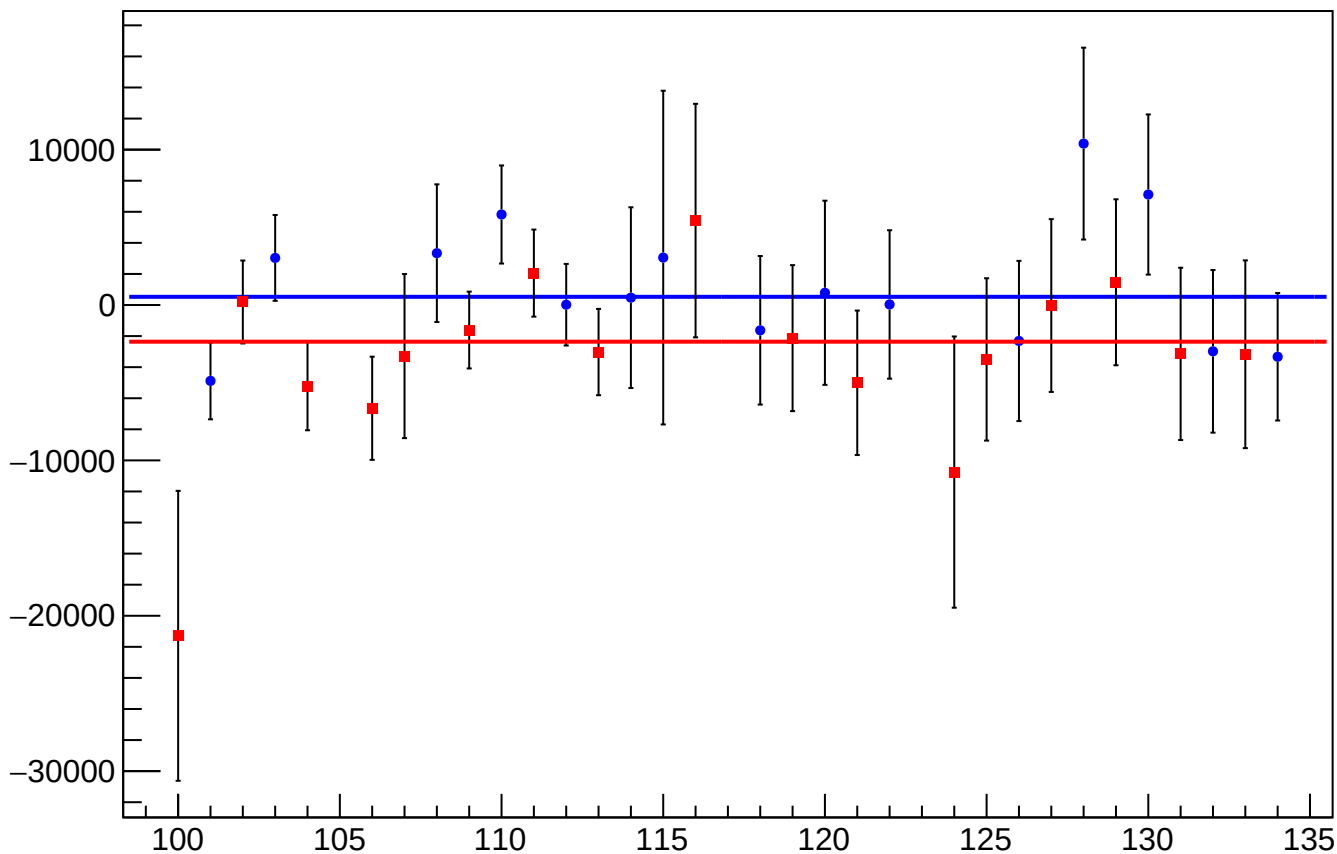
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 259.259 $\pm$ 0.052 χ^2 /NDF: 987909.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_dit_correction_mean vs Slug



Right In: 527.880 ± 1030.127 χ^2/NDF : 15.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2359.568 ± 949.585 χ^2/NDF : 13.5/16

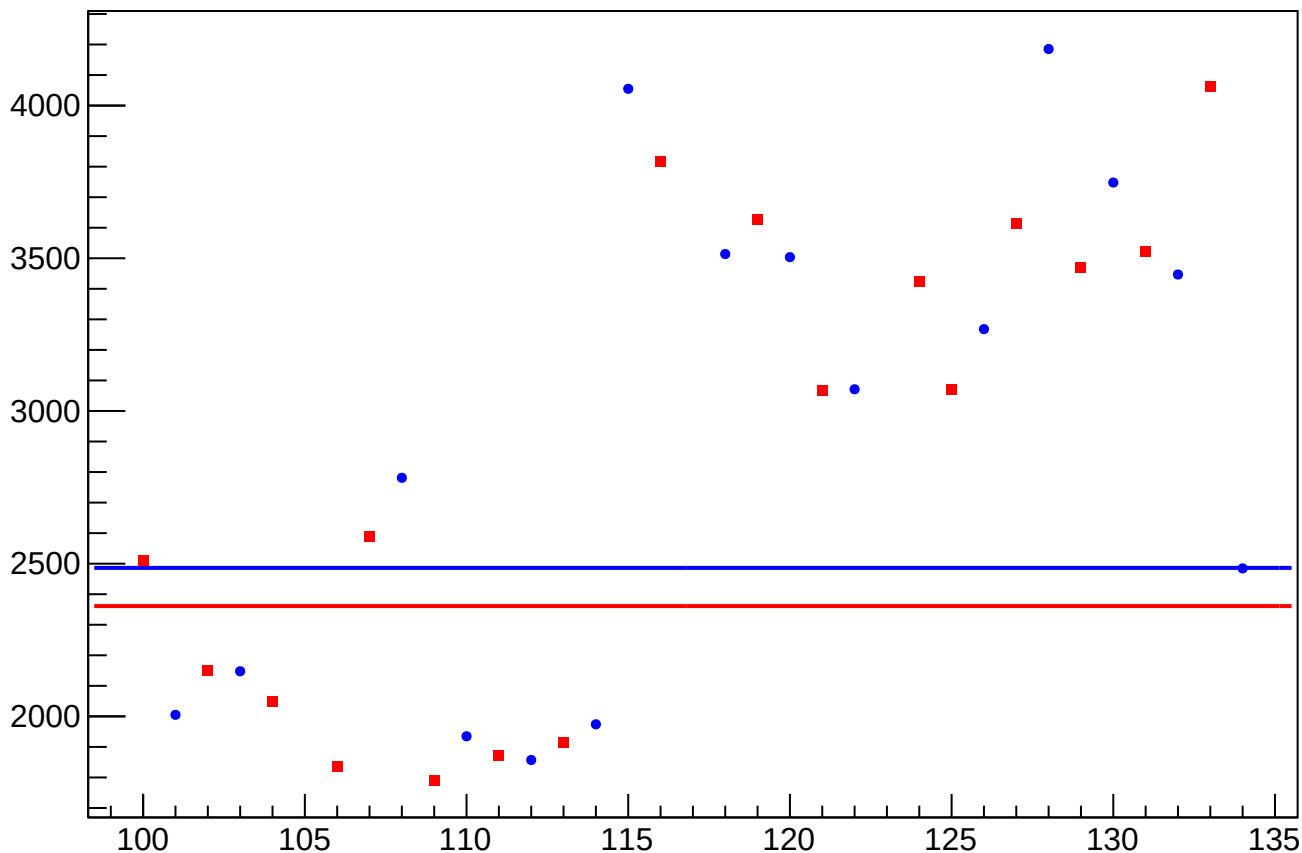
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1033.122 ± 698.198 χ^2/NDF : 32.7/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam4_dit_correction_rms vs Slug



Right In: 2486.218+/-0.728 χ^2/NDF : 914444.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

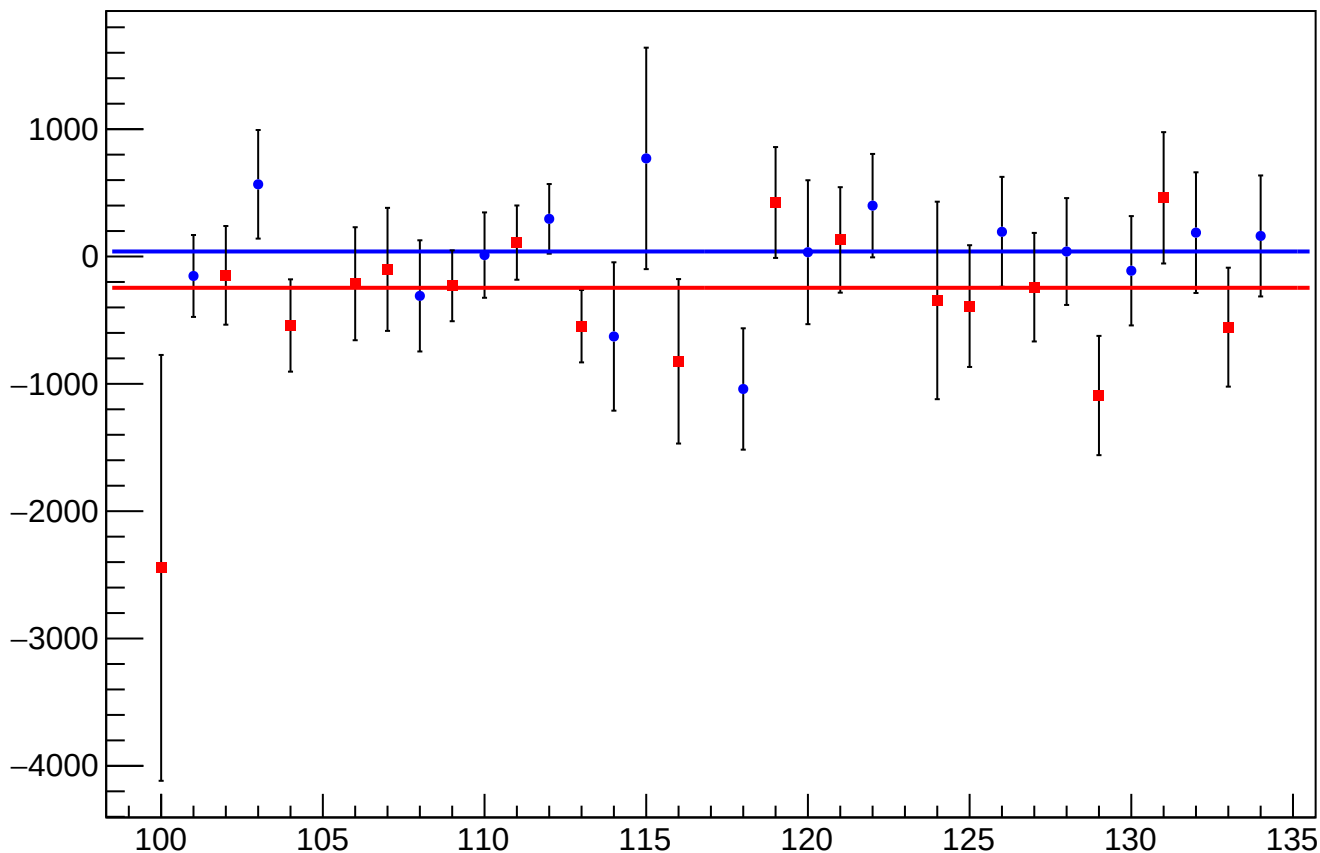
Right Out: 2361.181+/-0.671 χ^2/NDF : 1076516.5/16

All: 2418.621+/-0.494 χ^2/NDF : 2006890.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_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: -245.780 ± 100.501 χ^2/NDF : 14.8/16

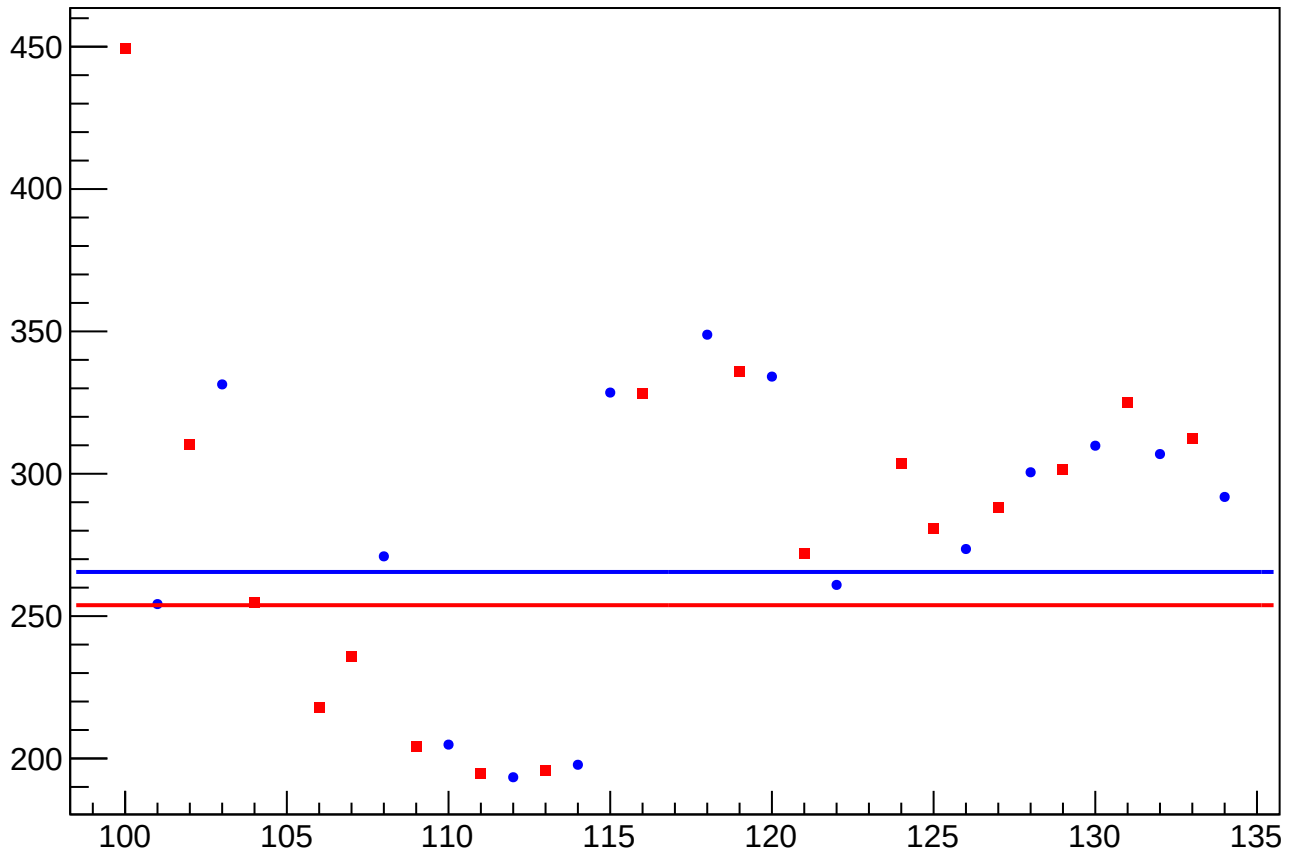
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -113.244 ± 73.537 χ^2/NDF : 30.4/31

- 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: 253.835 $\pm$ 0.071 χ^2 /NDF: 534504.2/16

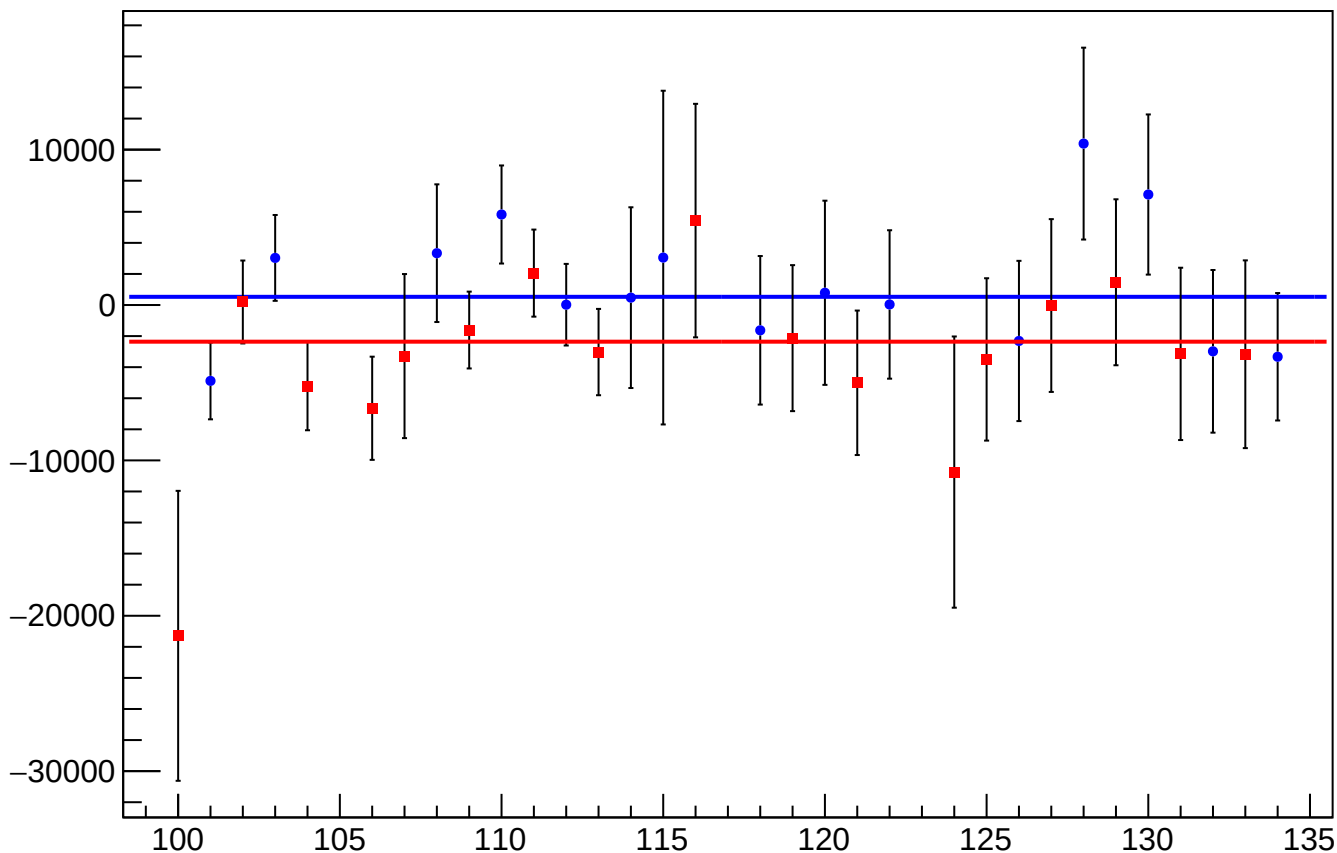
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 259.259 $\pm$ 0.052 χ^2 /NDF: 987916.5/31

- 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: -2359.565 $\pm$ 949.584 χ^2 /NDF: 13.5/16

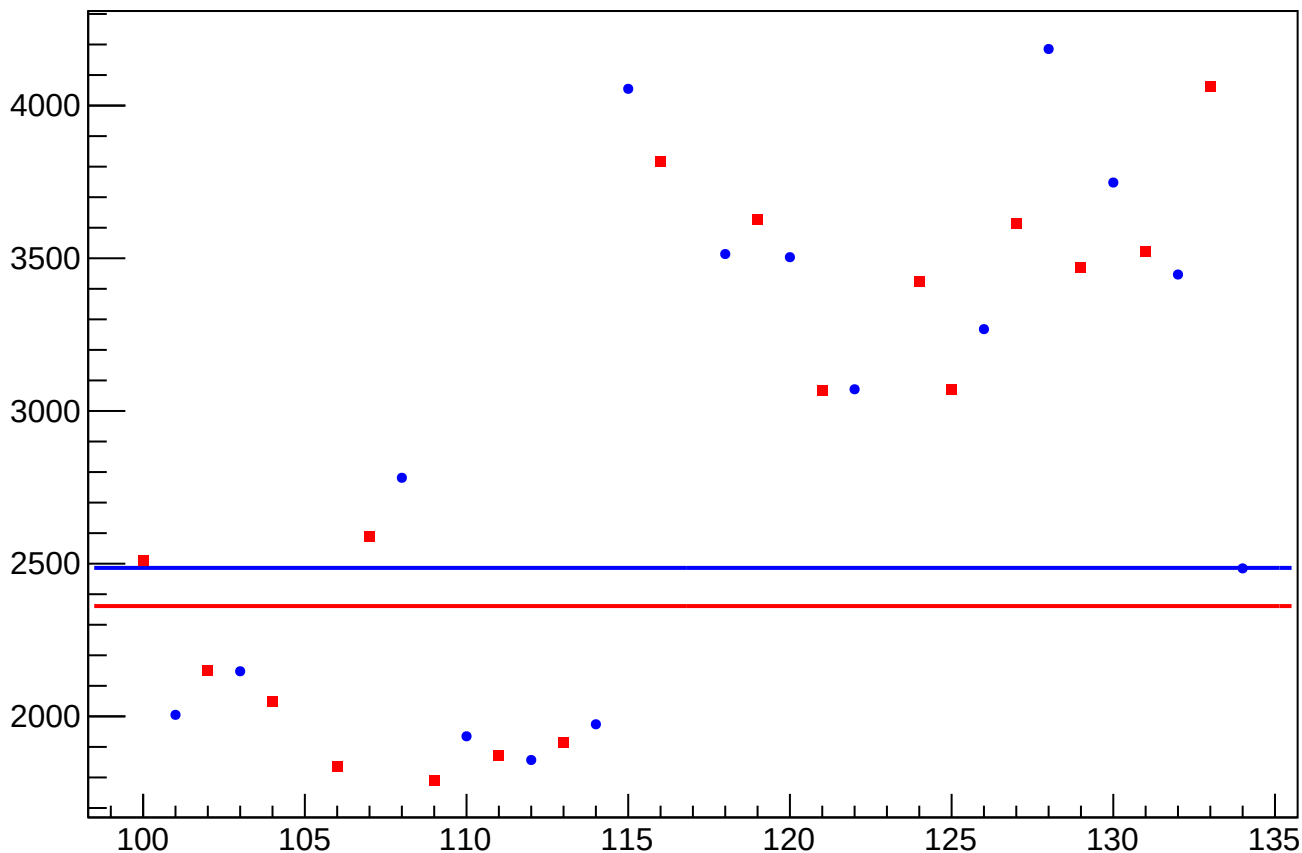
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1033.121 $\pm$ 698.198 χ^2 /NDF: 32.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_dit_correction_rms vs Slug



Right In: 2486.217 $\pm$ 0.728 χ^2 /NDF: 914447.6/14

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

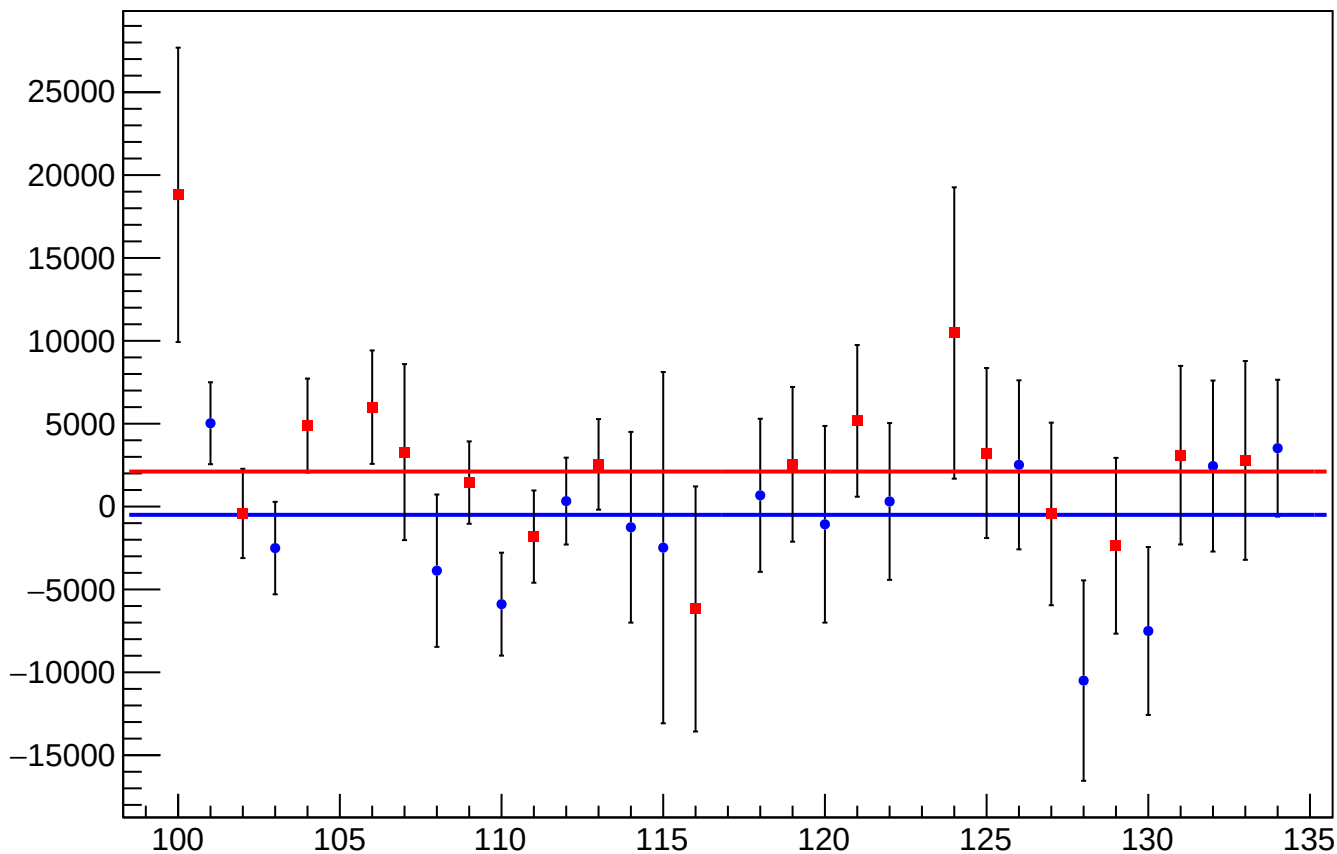
Right Out: 2361.180 $\pm$ 0.671 χ^2 /NDF: 1076519.0/16

All: 2418.620 $\pm$ 0.494 χ^2 /NDF: 2006896.5/31

- 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_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: 2113.636+/-947.183 χ^2/NDF : 12.4/16

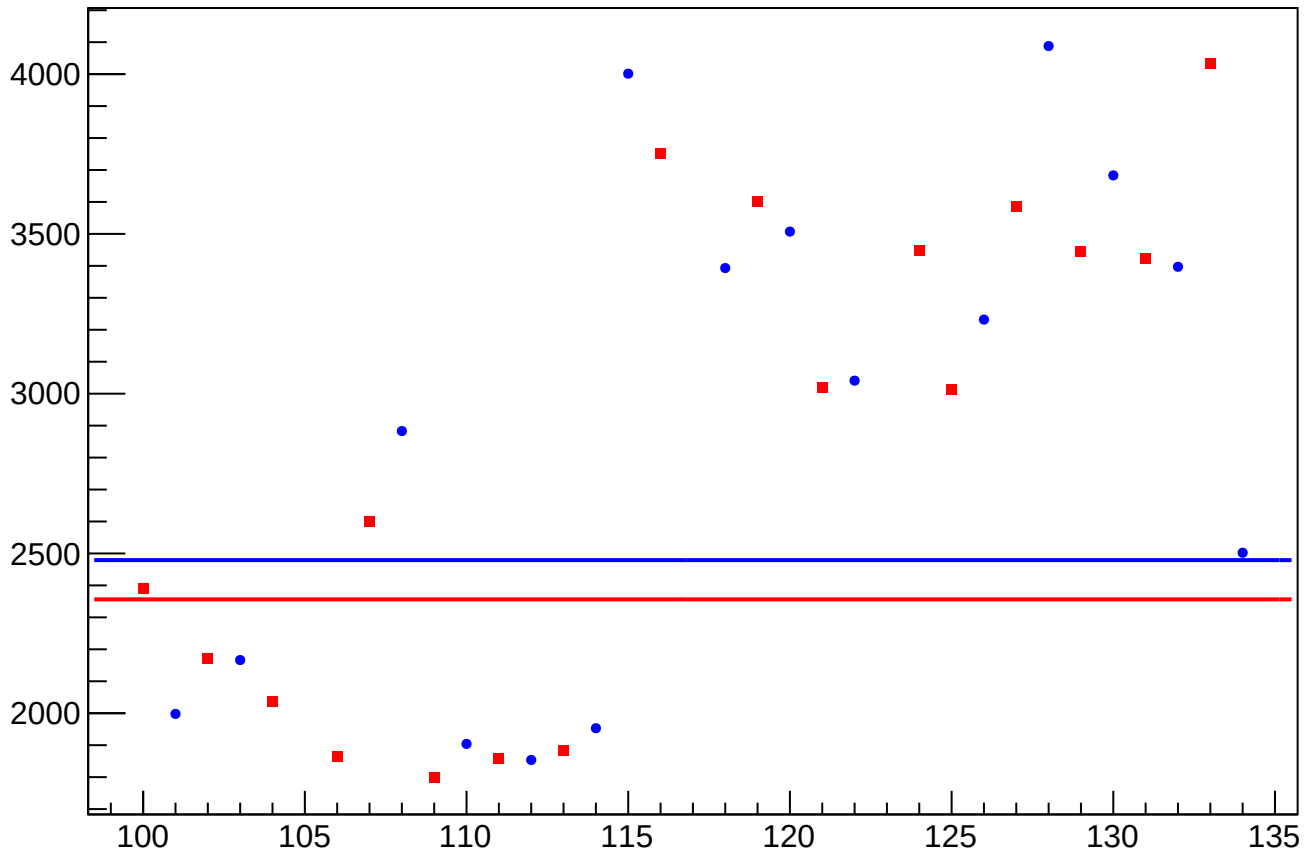
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 912.337+/-696.129 χ^2/NDF : 31.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_rms vs Slug



Right In: 2479.112+/-0.726 χ^2/NDF : 884950.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

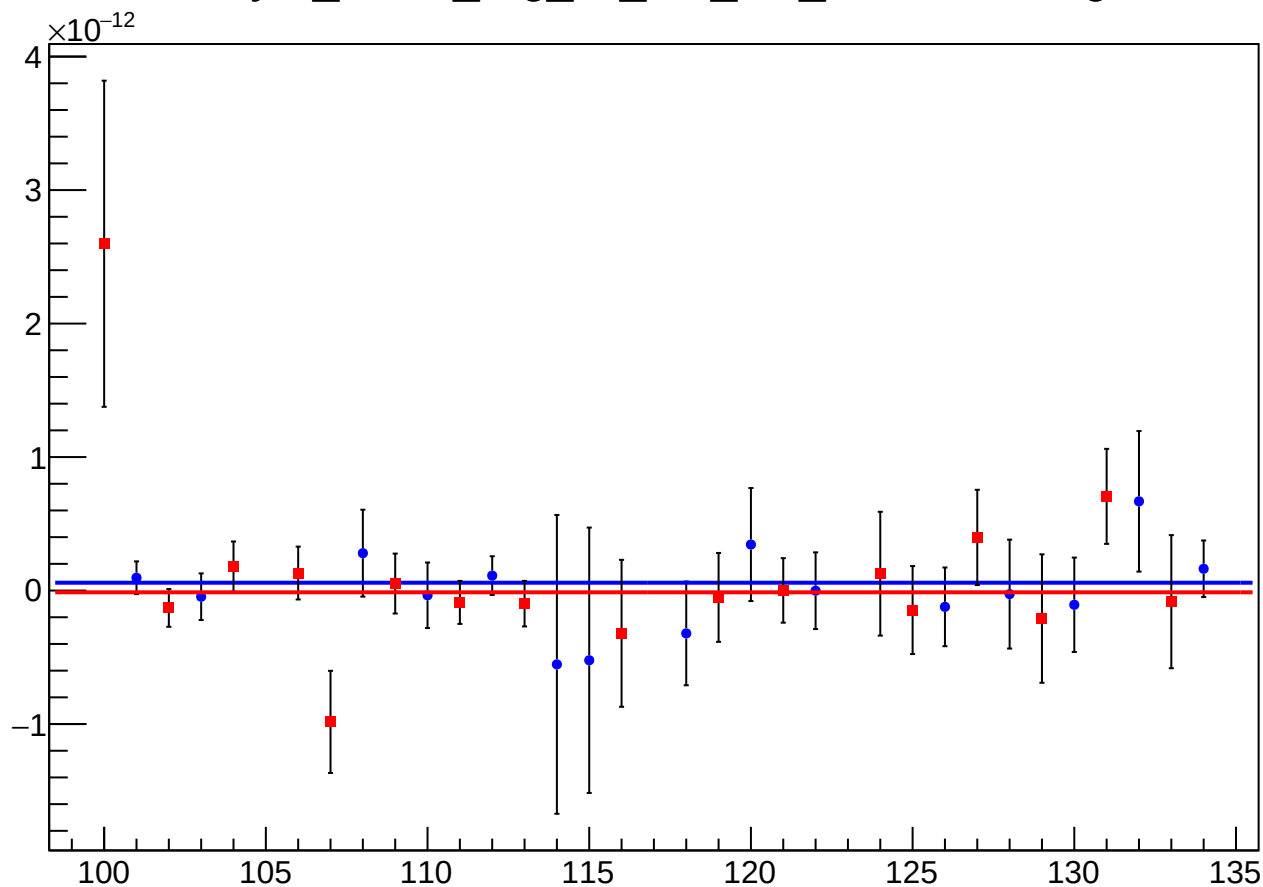
Right Out: 2356.312+/-0.670 χ^2/NDF : 1042234.2/16

All: 2412.782+/-0.492 χ^2/NDF : 1942643.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_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: 20.0/16

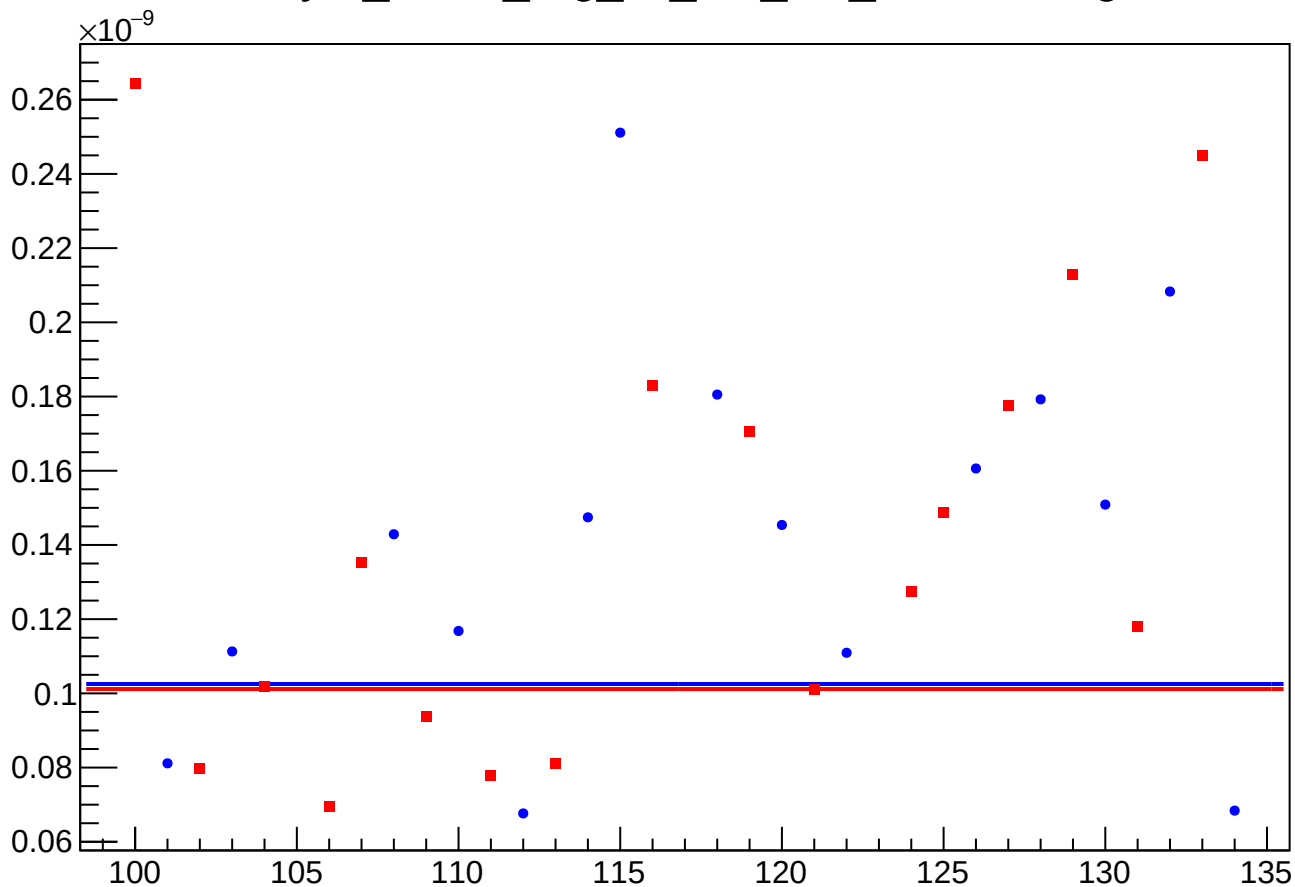
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 26.2/31

- 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 : 769289.3/16

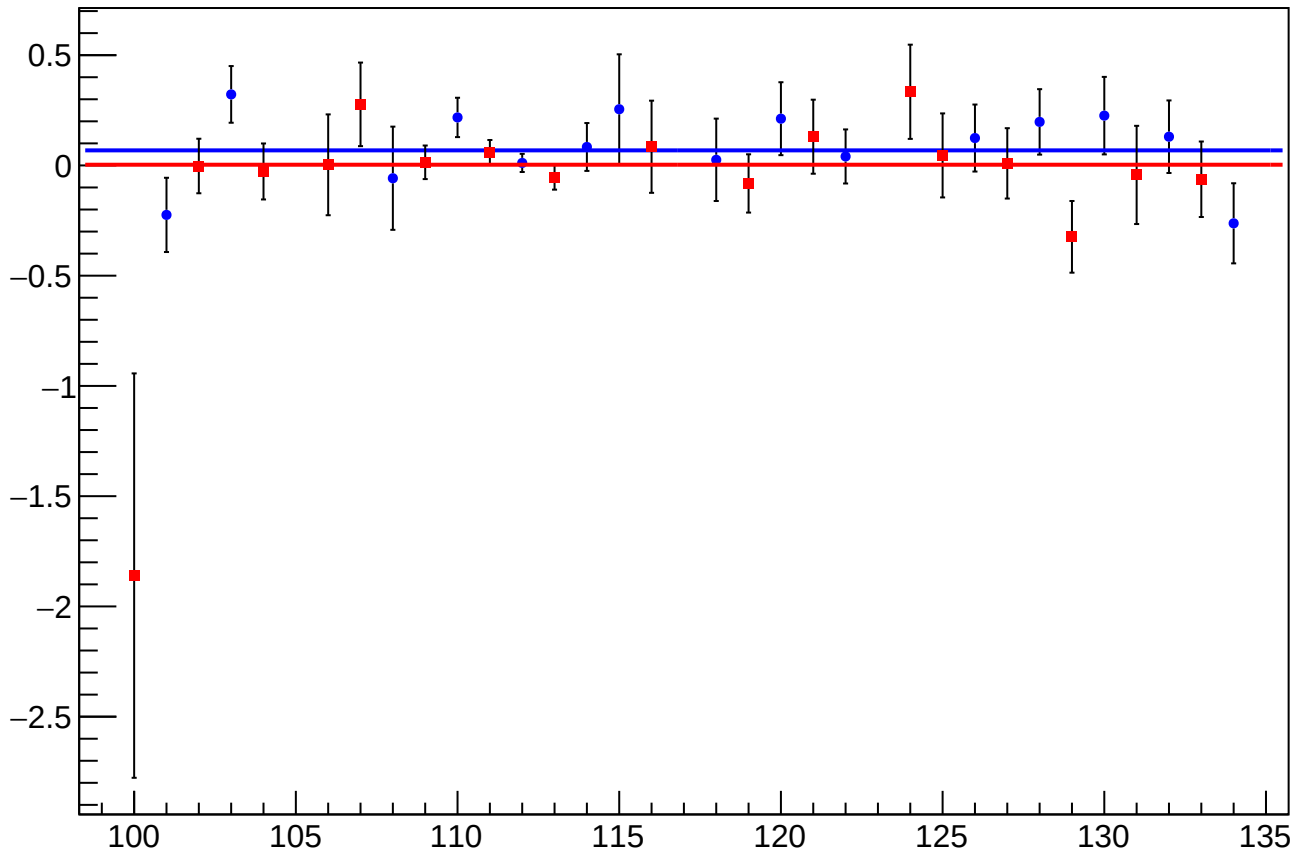
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 1458356.3/31

- 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: 0.003 $\pm$ 0.028 χ^2 /NDF: 16.2/16

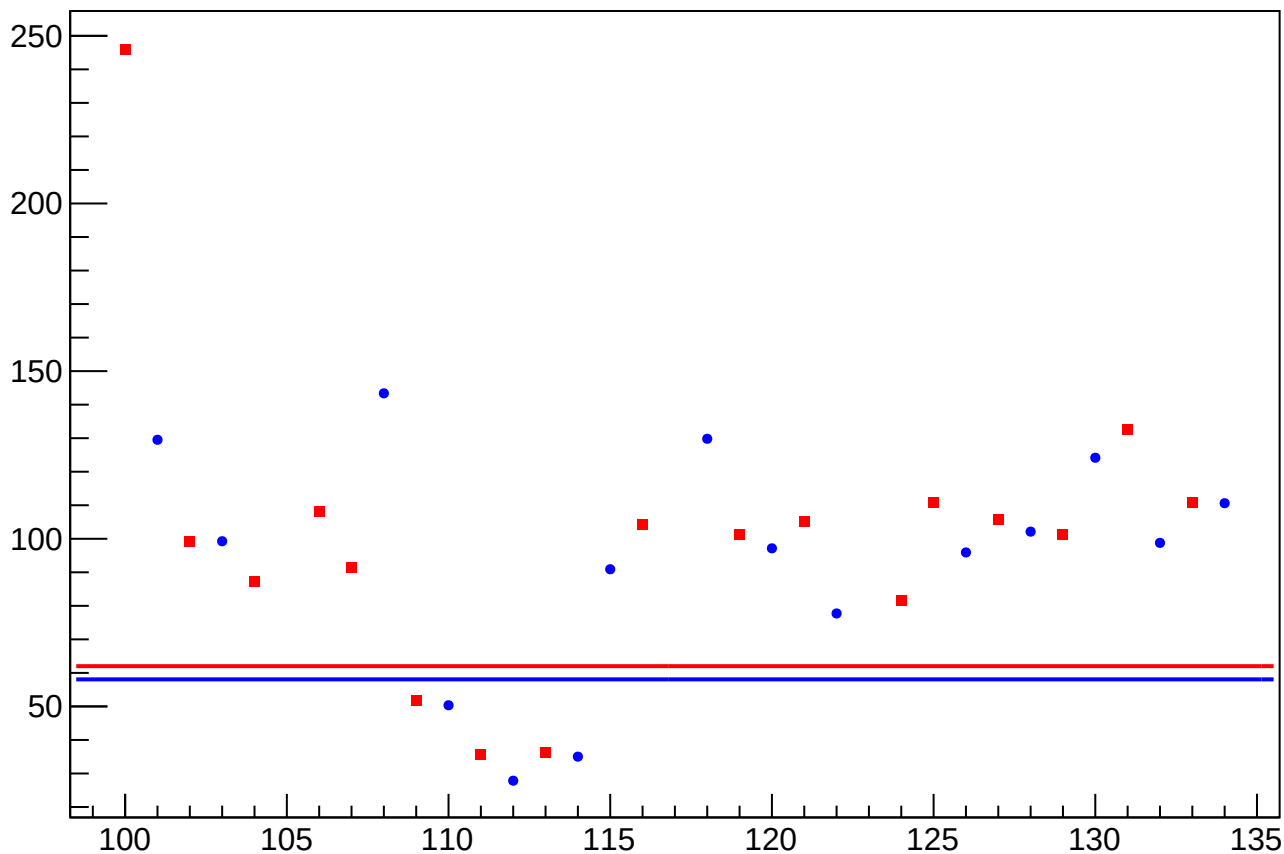
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.035 $\pm$ 0.020 χ^2 /NDF: 37.5/31

- 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: 62.009+/-0.020 χ^2/NDF : 2562935.7/16

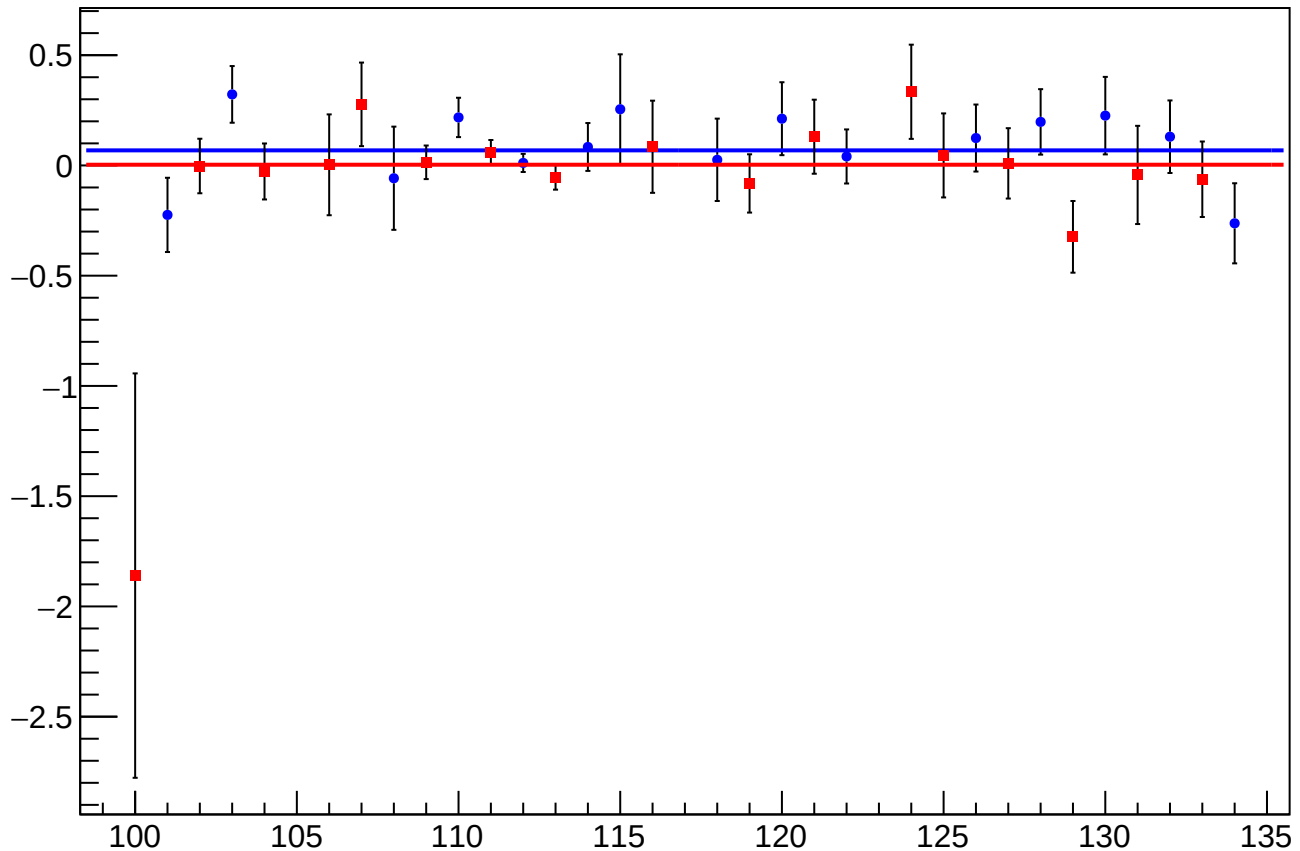
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.072+/-0.014 χ^2/NDF : 5964237.5/31

- 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: 0.003 $\pm$ 0.028 χ^2/NDF : 16.2/16

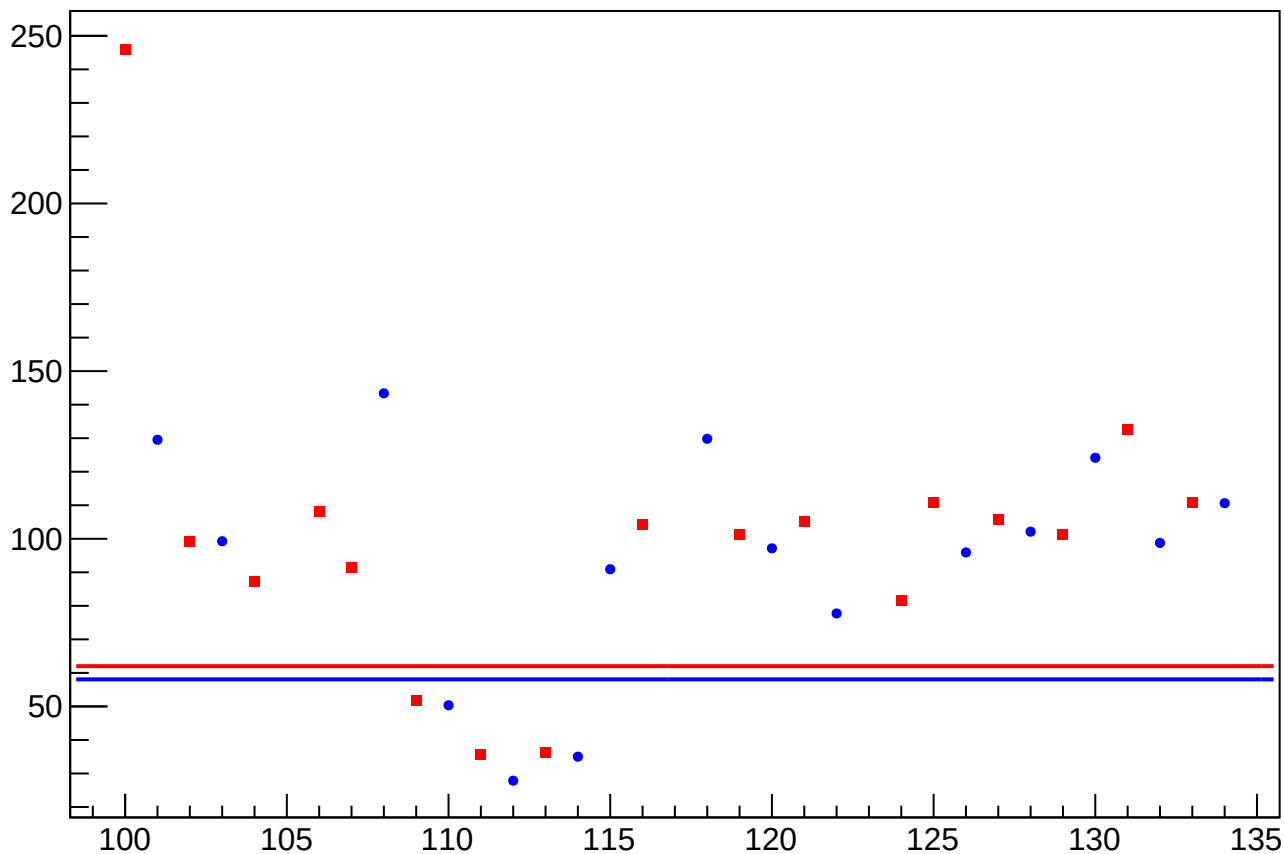
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.035 $\pm$ 0.020 χ^2/NDF : 37.5/31

- 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: 62.009+/-0.020 χ^2/NDF : 2562935.7/16

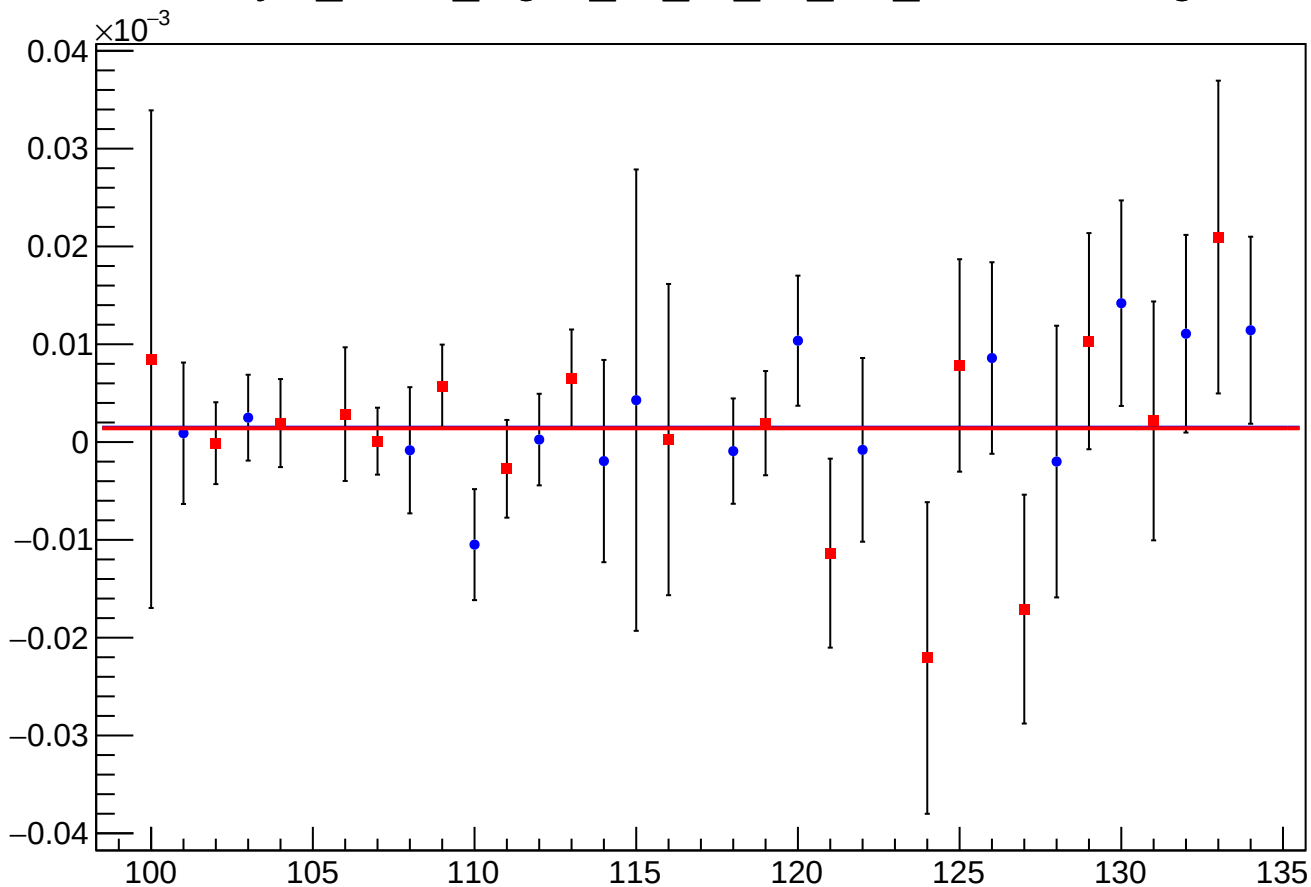
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.072+/-0.014 χ^2/NDF : 5964237.5/31

- 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: 12.1/16

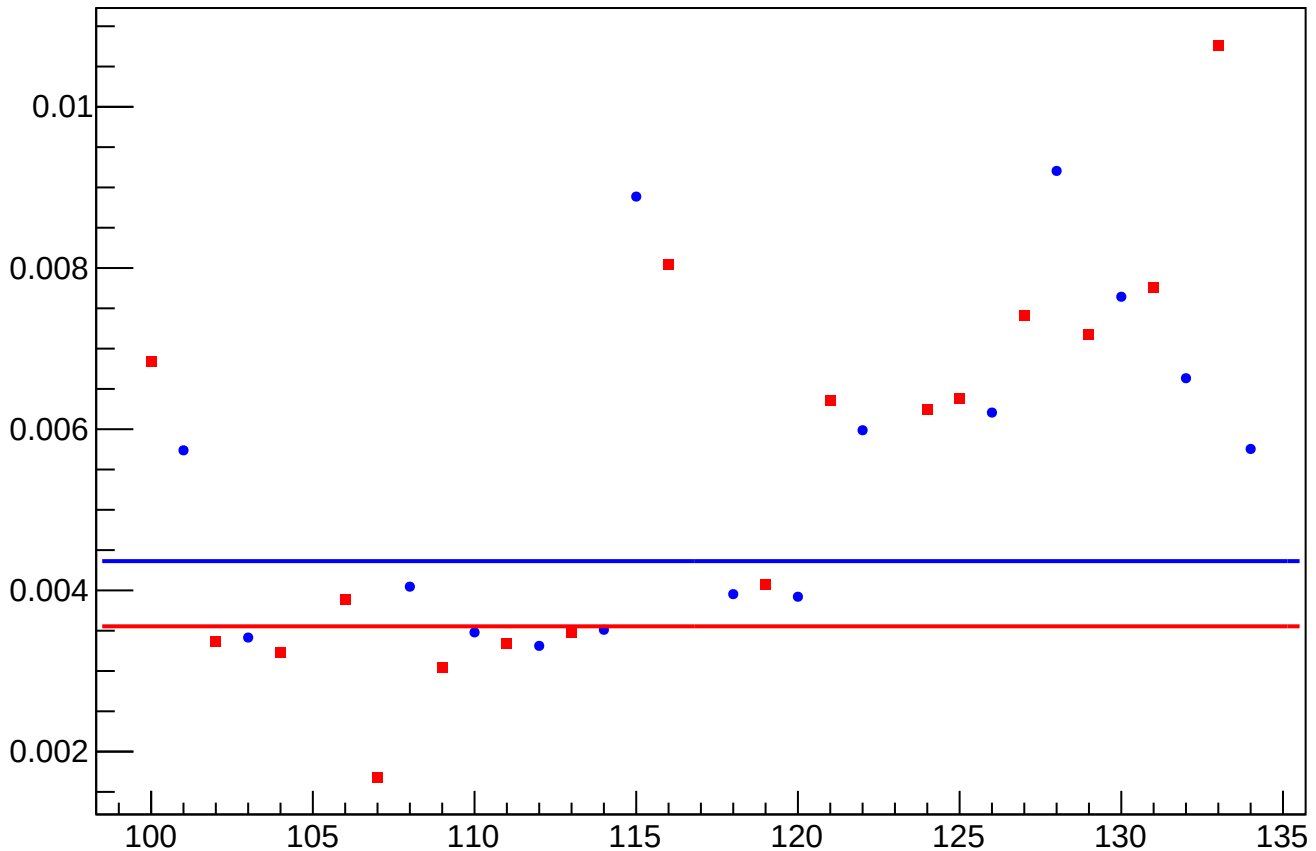
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.0/31

- 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 : 2302936.4/16

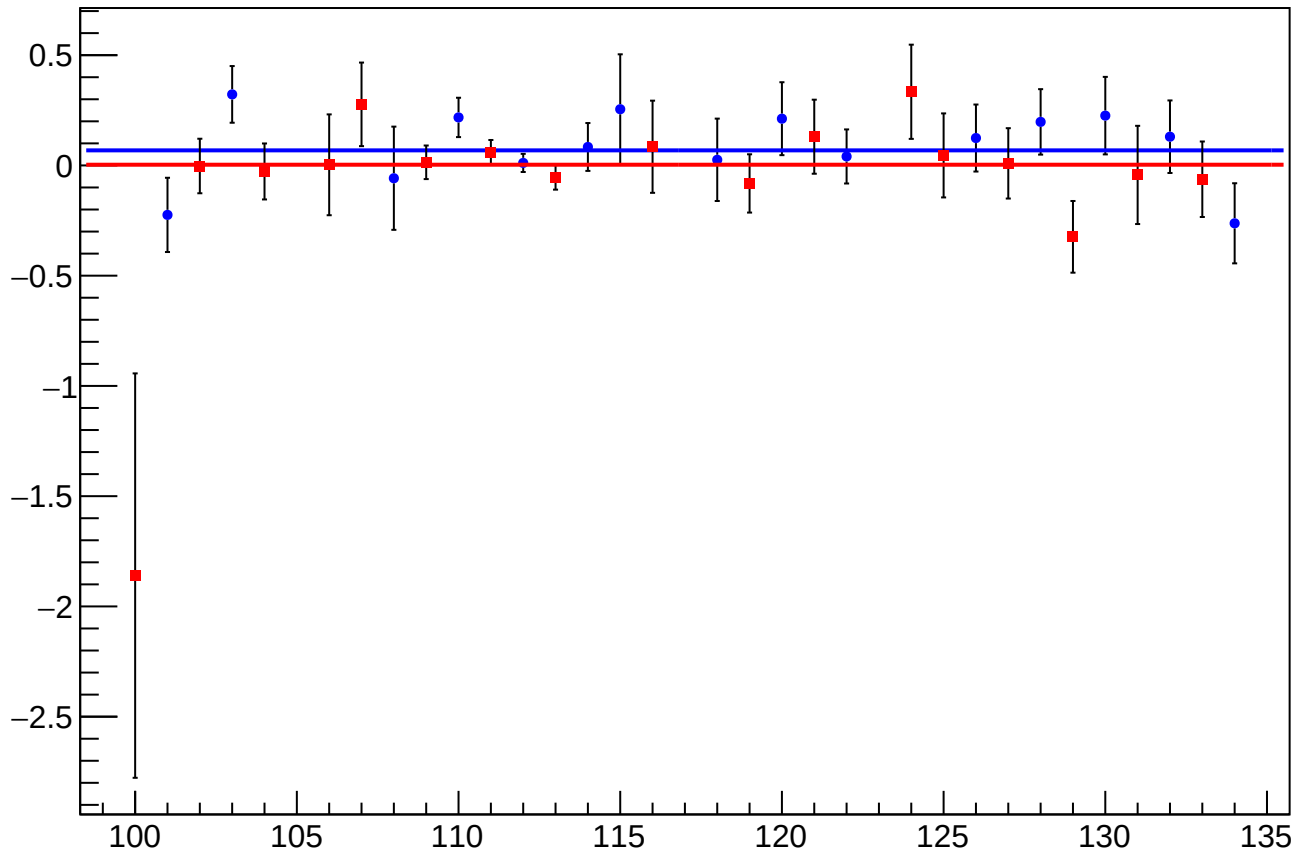
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 3673833.5/31

- 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: 0.003 $\pm$ 0.028 χ^2 /NDF: 16.2/16

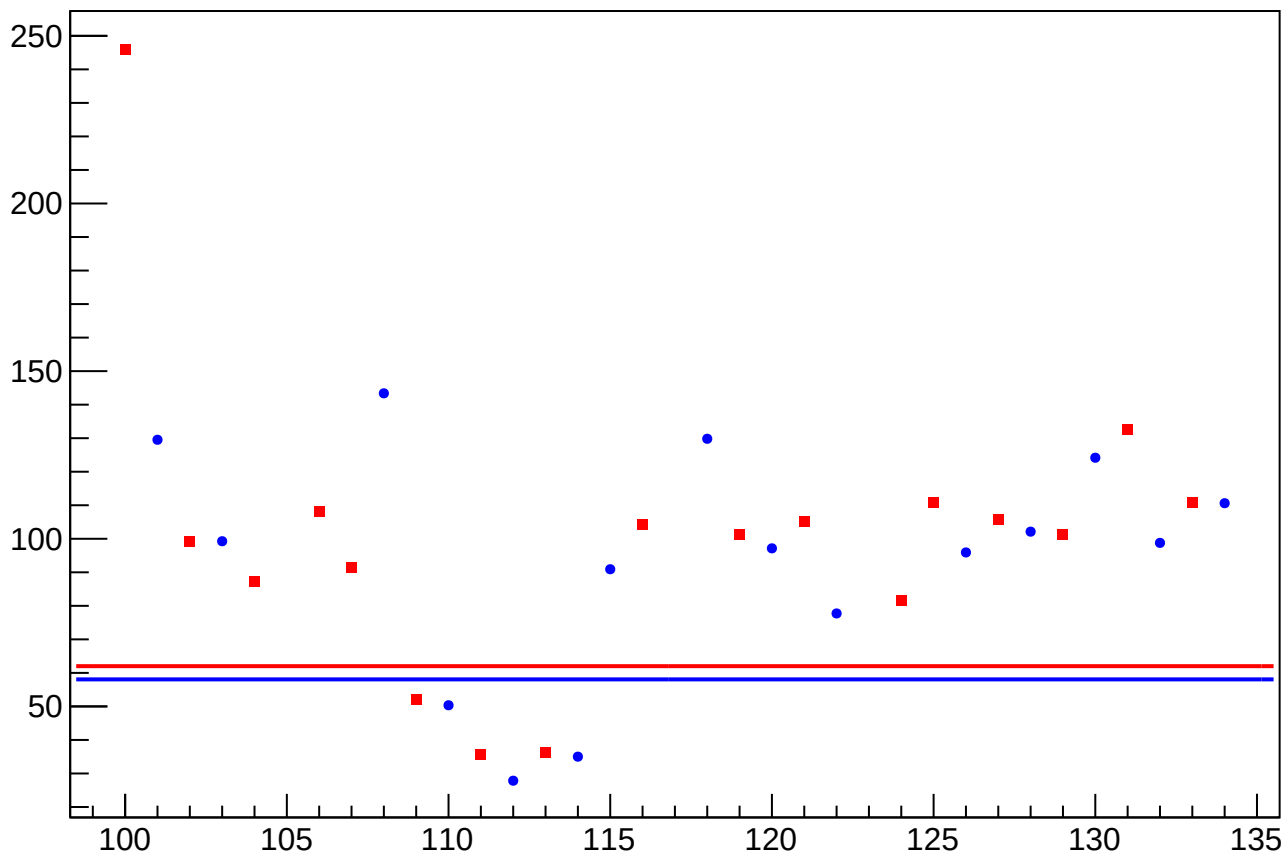
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.035 $\pm$ 0.020 χ^2 /NDF: 37.5/31

- 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: 62.007+/-0.020 χ^2/NDF : 2563181.6/16

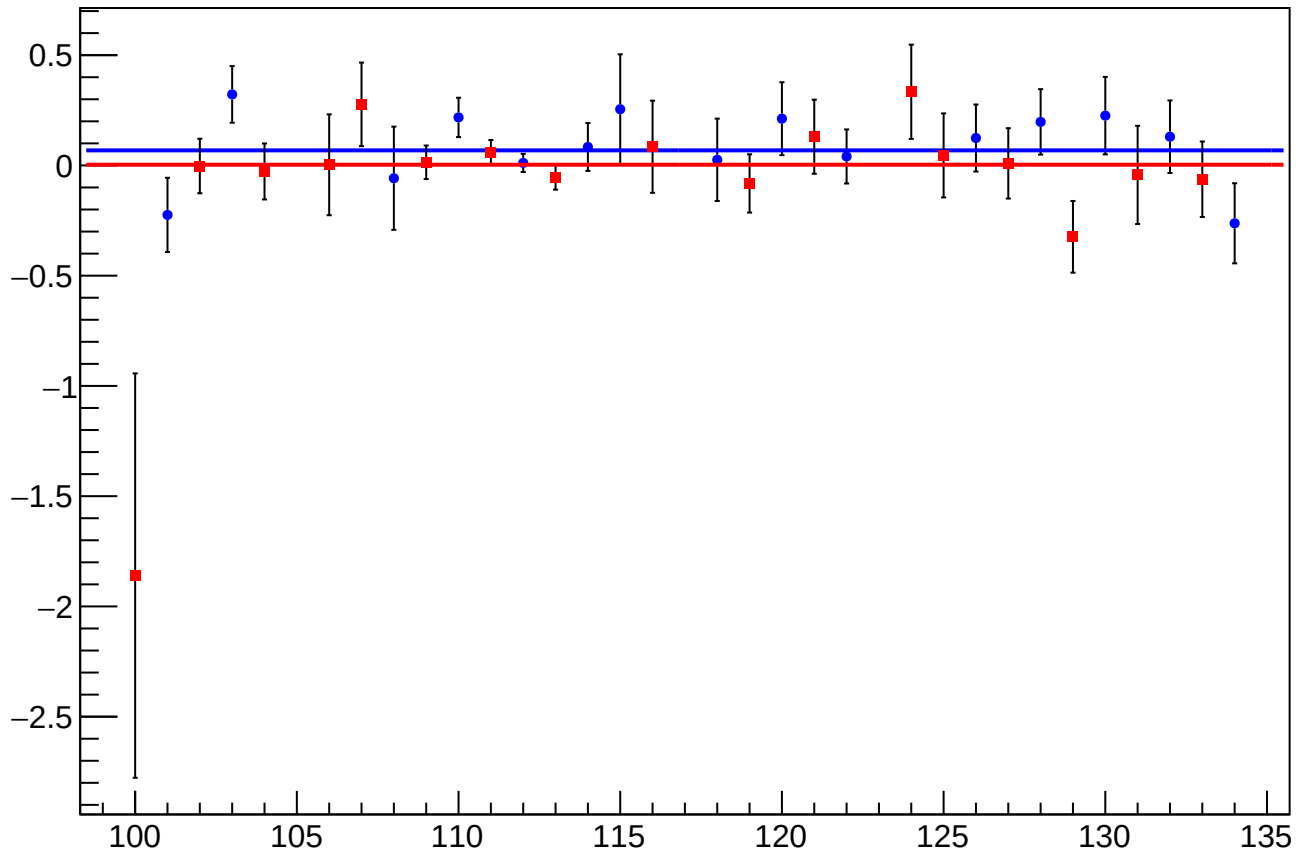
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.070+/-0.014 χ^2/NDF : 5964702.7/31

- 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: 0.003 $\pm$ 0.028 χ^2 /NDF: 16.2/16

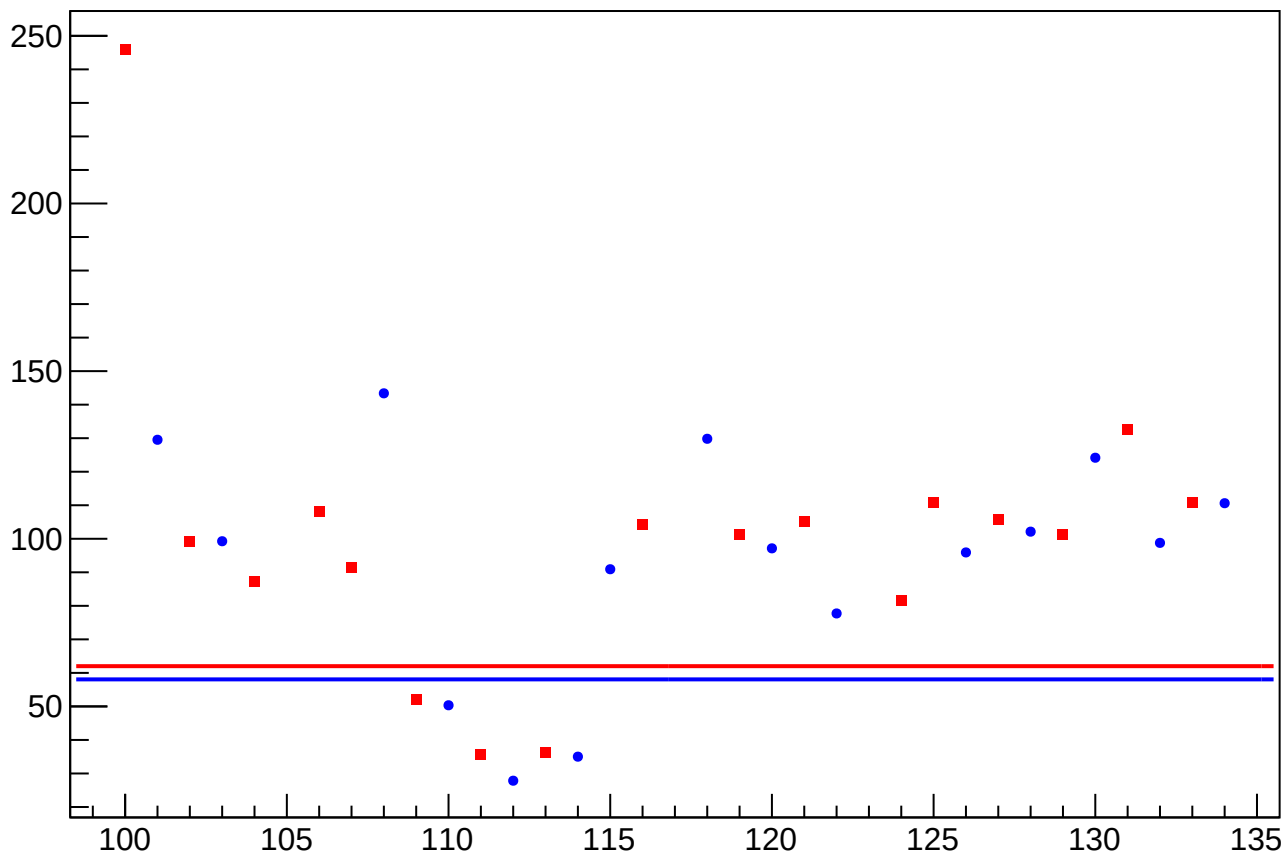
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.035 $\pm$ 0.020 χ^2 /NDF: 37.5/31

- 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+/-0.020 χ^2/NDF : 3381744.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.007+/-0.020 χ^2/NDF : 2563181.6/16

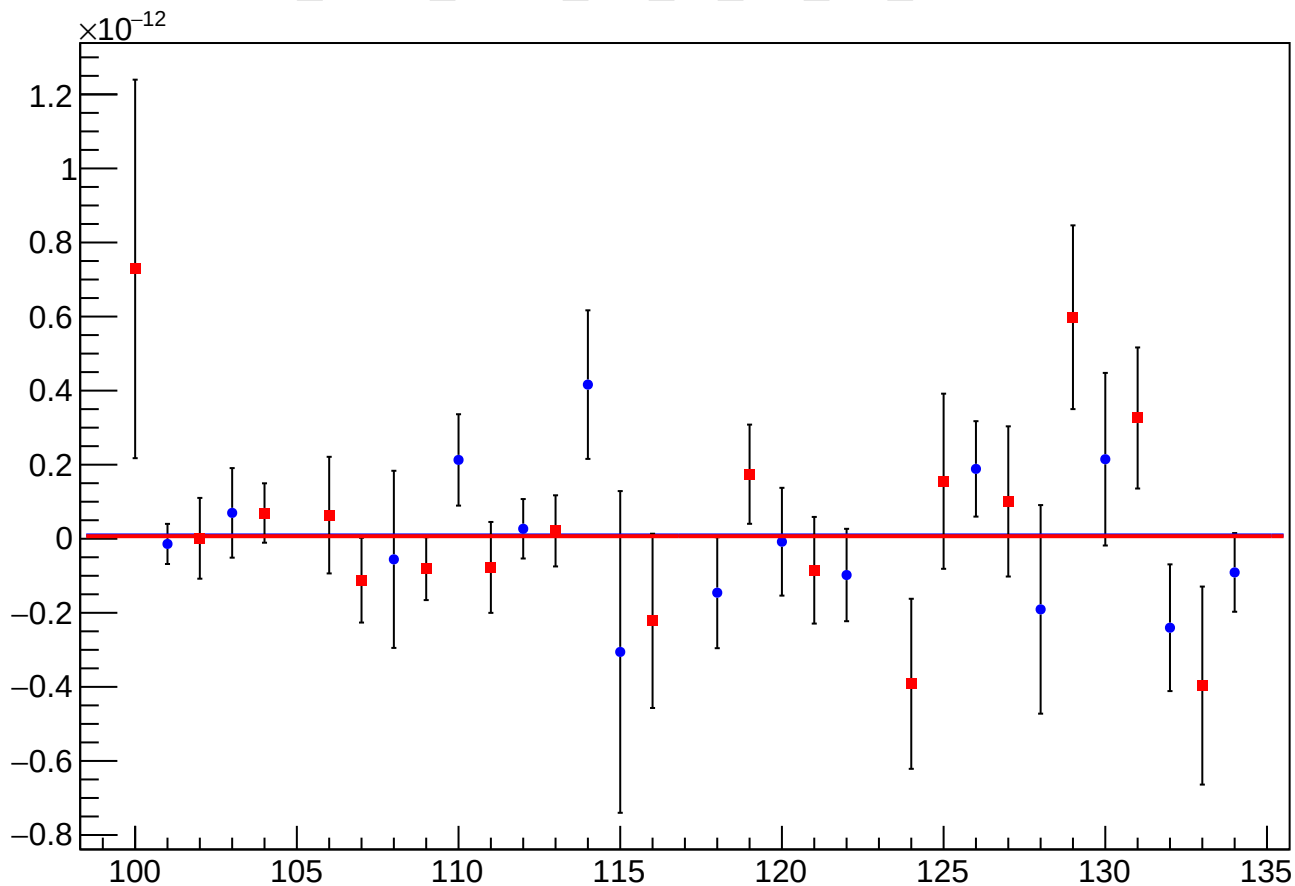
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.070+/-0.014 χ^2/NDF : 5964702.7/31

- sign 0.000+/-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: 22.7/16

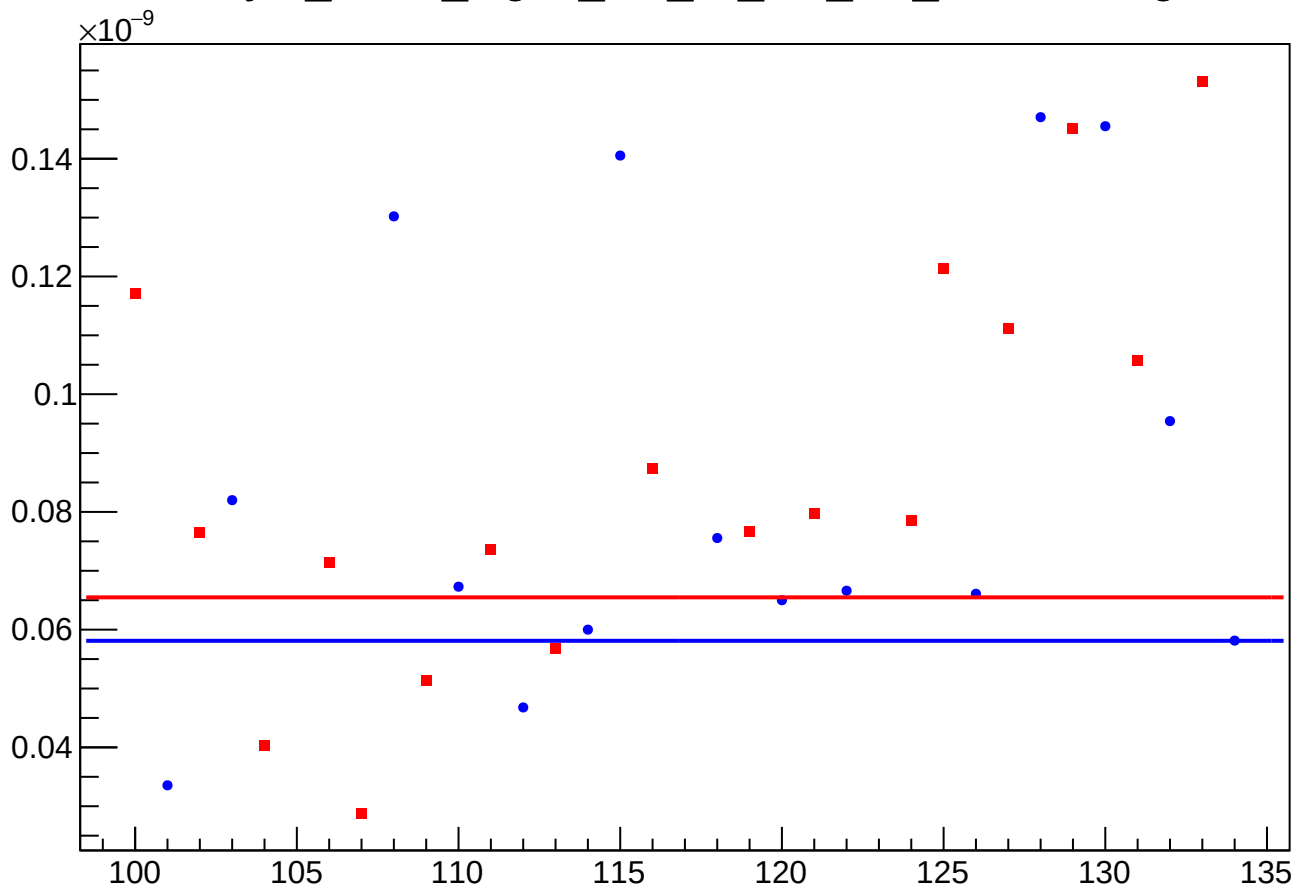
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 38.7/31

- 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 : 1306751.7/16

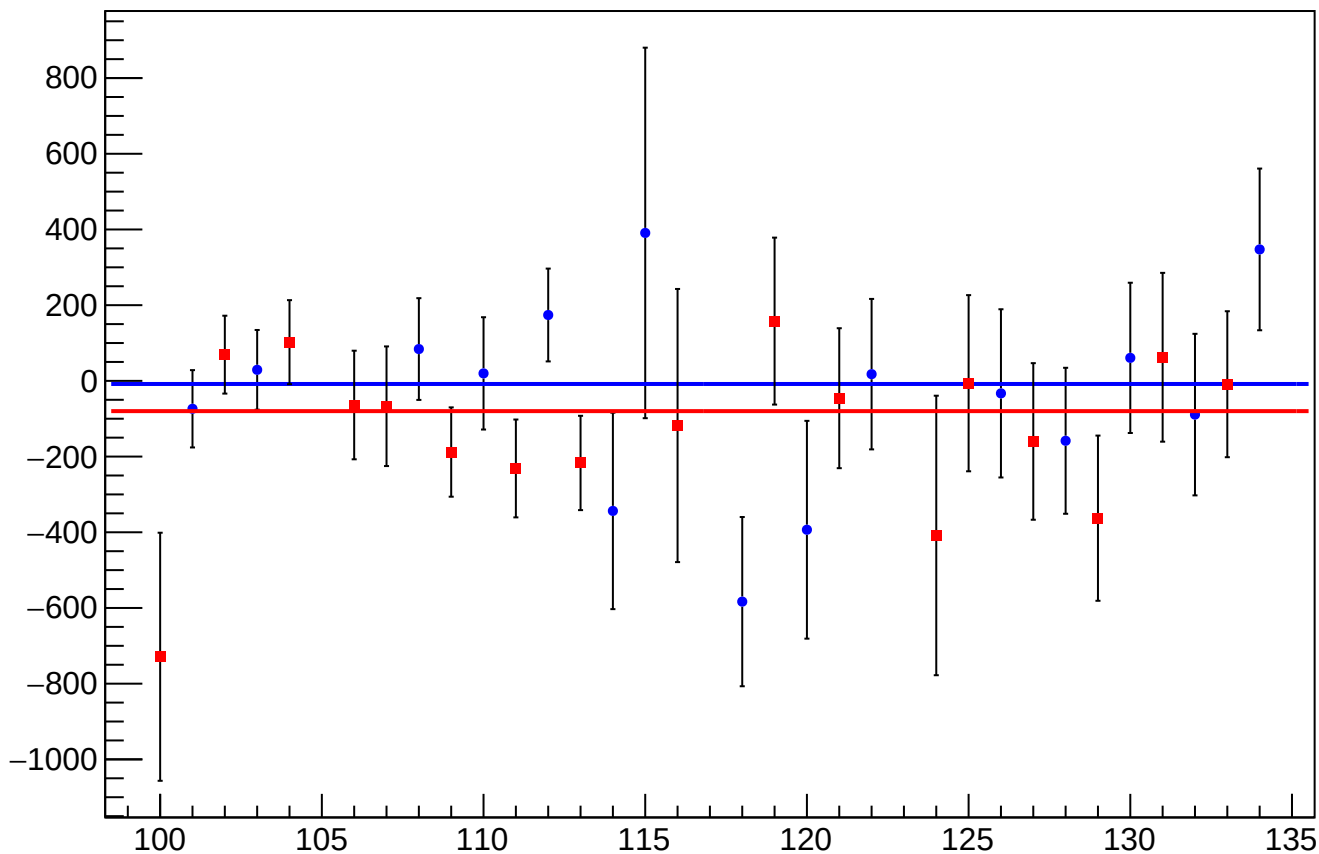
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2778374.4/31

- 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: -79.929+/-39.396 χ^2/NDF : 16.6/16

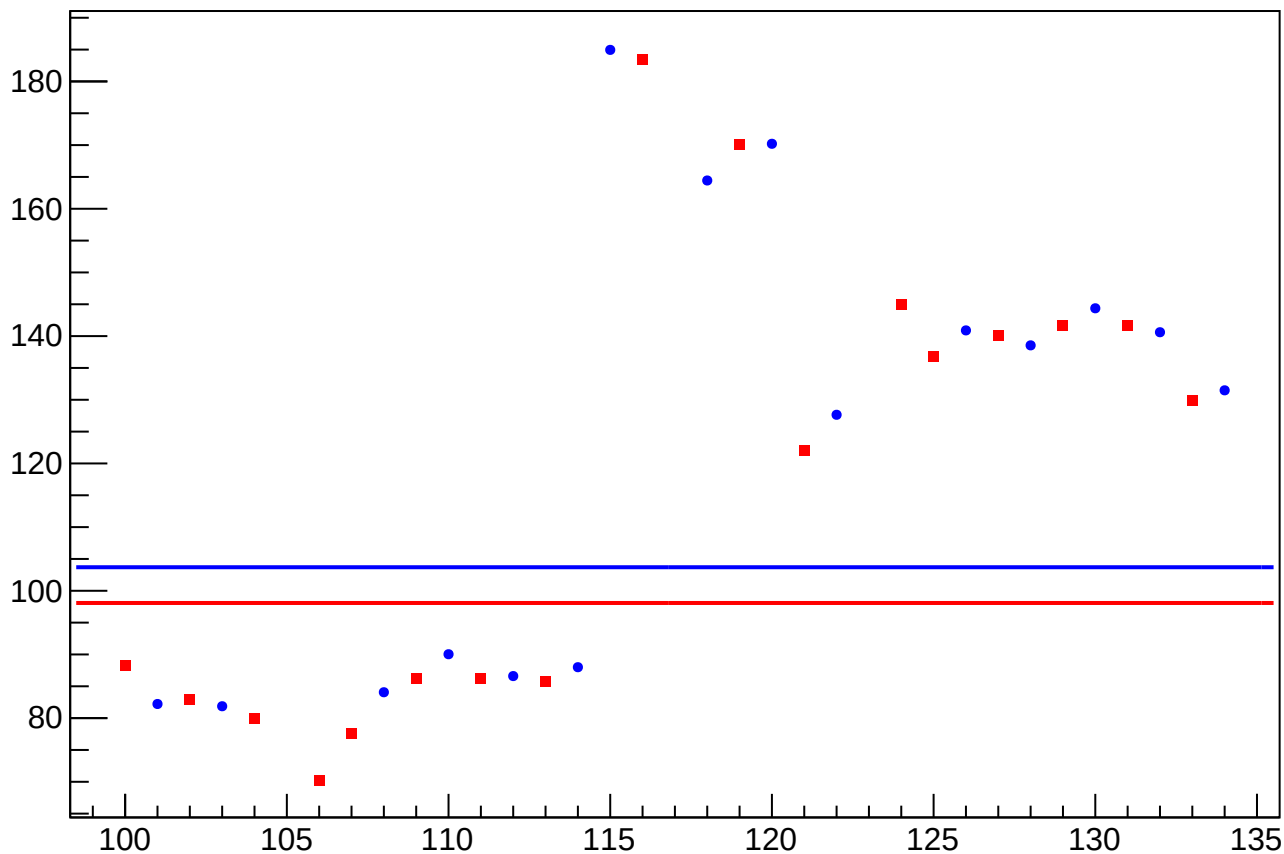
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.022+/-28.983 χ^2/NDF : 35.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_rms vs Slug



Right In: 103.699 $\pm$ 0.030 χ^2 /NDF: 917913.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 98.085 $\pm$ 0.028 χ^2 /NDF: 1003870.5/16

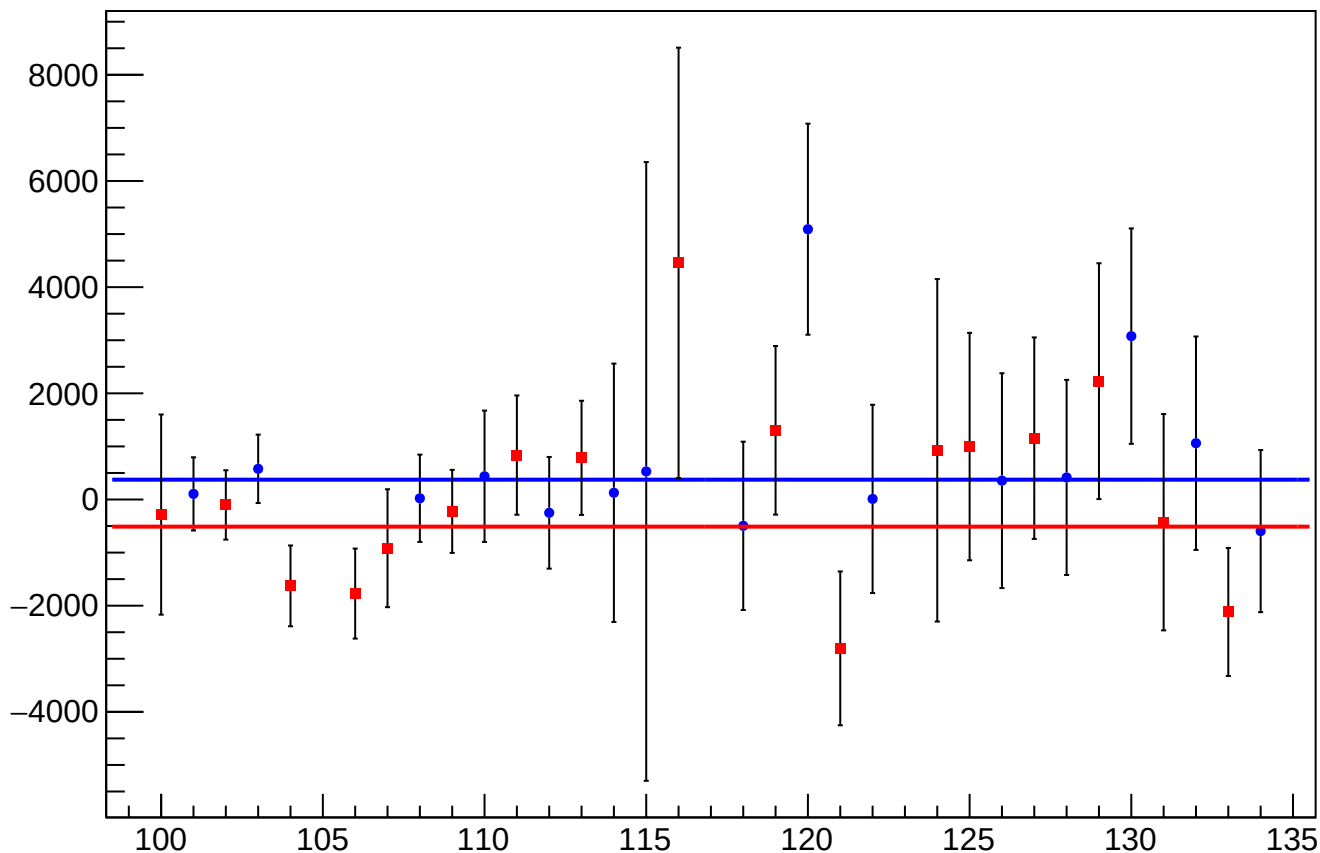
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.660 $\pm$ 0.020 χ^2 /NDF: 1940415.7/31

- sign 0.000 $\pm$ 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: -510.819+/-282.819 χ^2/NDF : 18.0/16

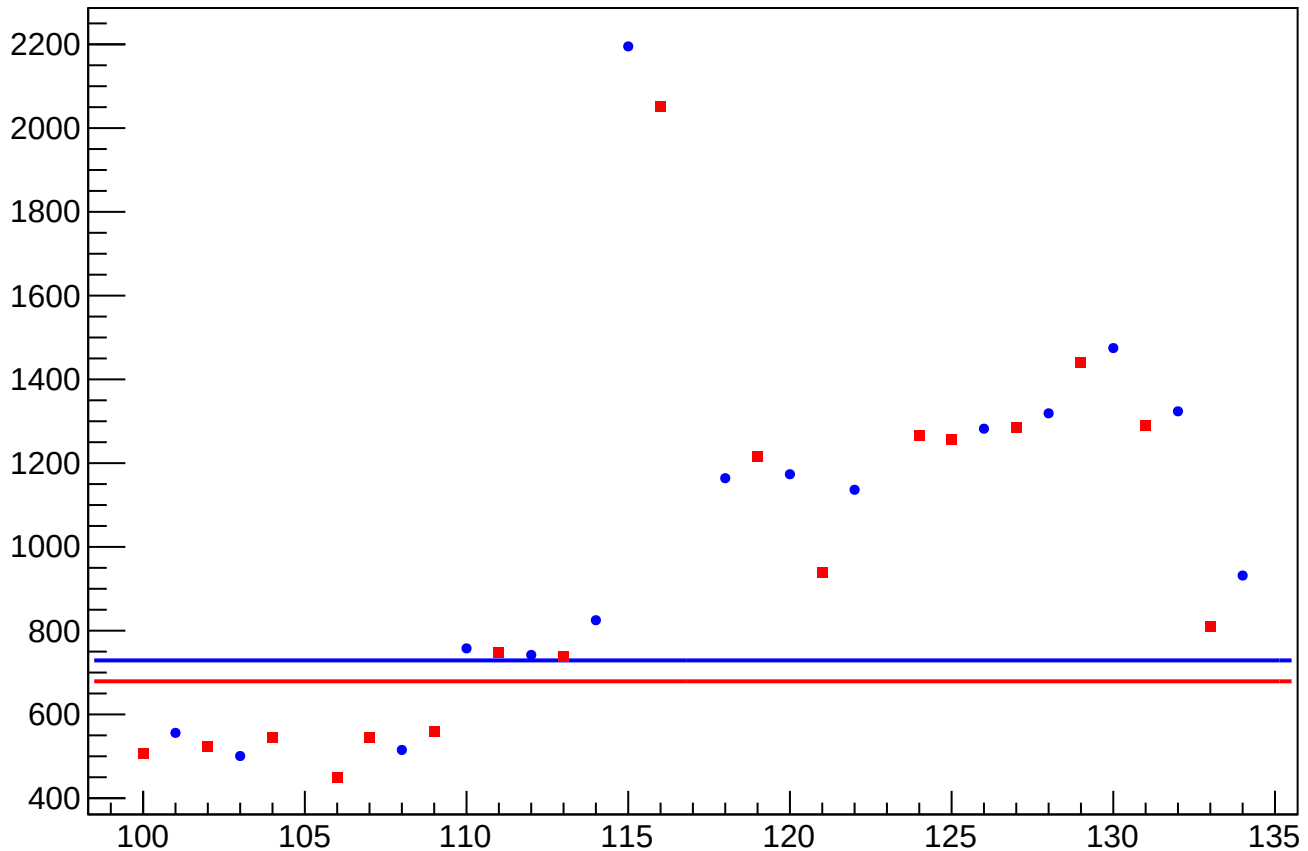
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -113.828+/-209.976 χ^2/NDF : 31.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_reg_correction_rms vs Slug



Right In: 728.962 $\pm$ 0.222 χ^2 /NDF: 1836124.9/14

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

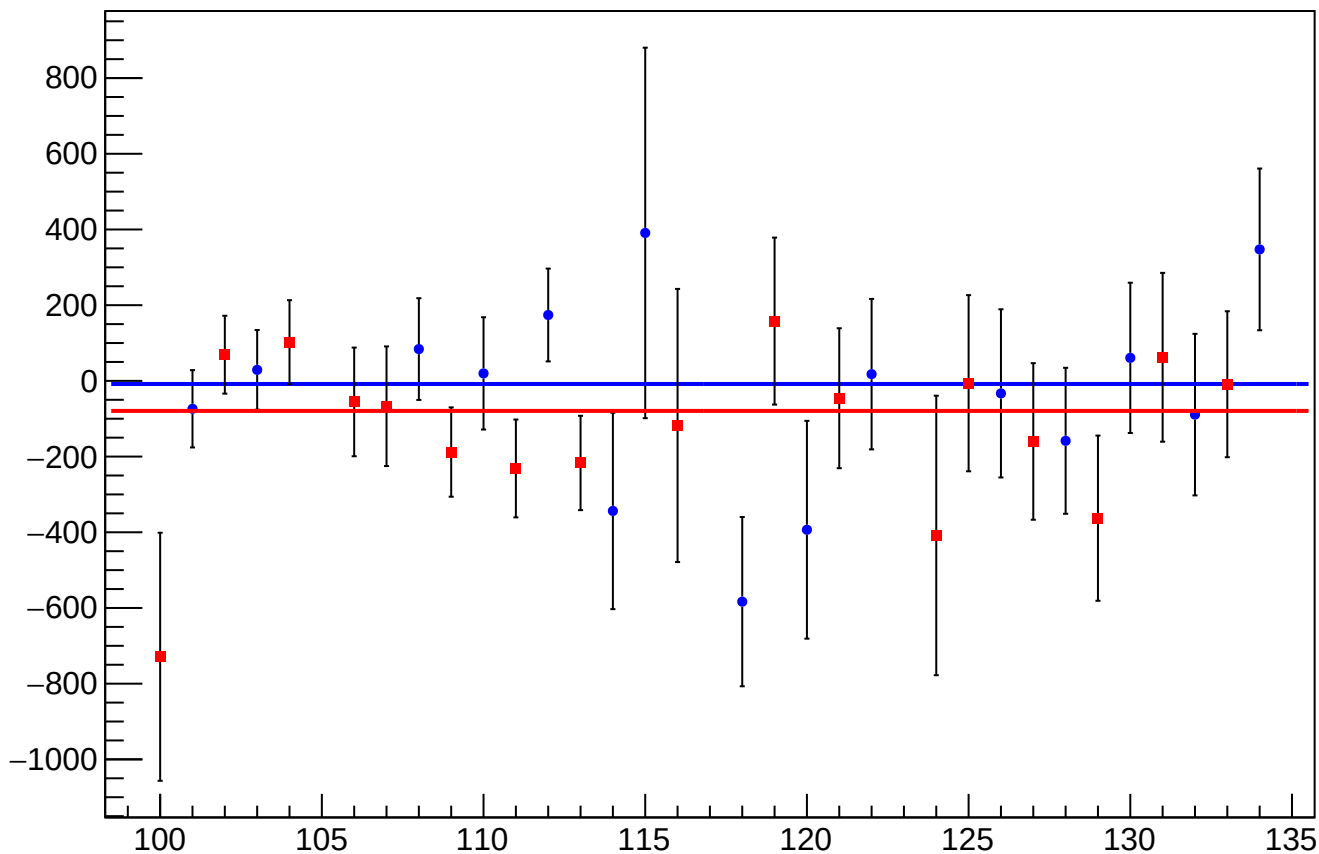
Right Out: 679.061 $\pm$ 0.200 χ^2 /NDF: 1803999.0/16

All: 701.456 $\pm$ 0.148 χ^2 /NDF: 3668066.5/31

- 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

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: -79.351+/-39.399 χ^2/NDF : 16.6/16

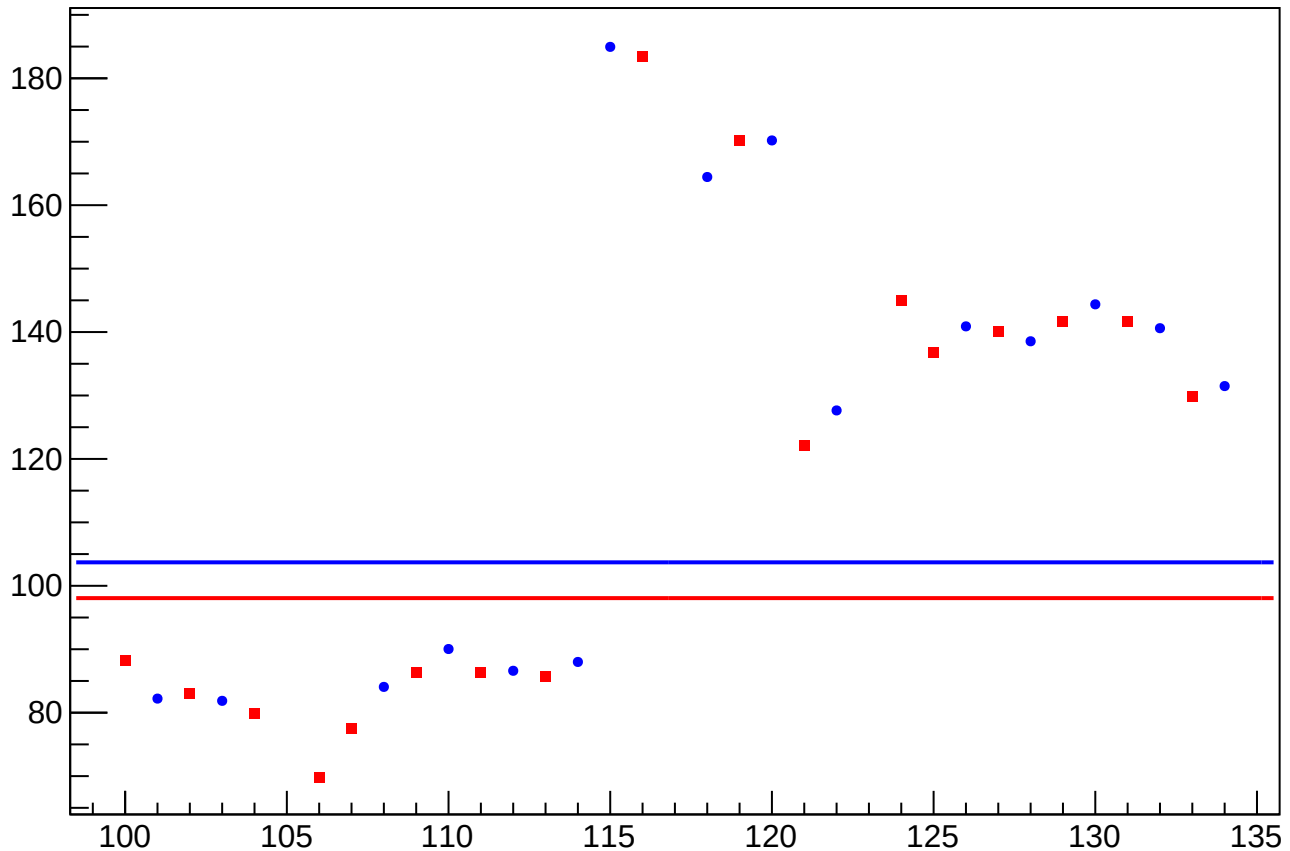
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.714+/-28.984 χ^2/NDF : 35.8/31

- 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: 98.059 $\pm$ 0.028 χ^2 /NDF: 1005962.4/16

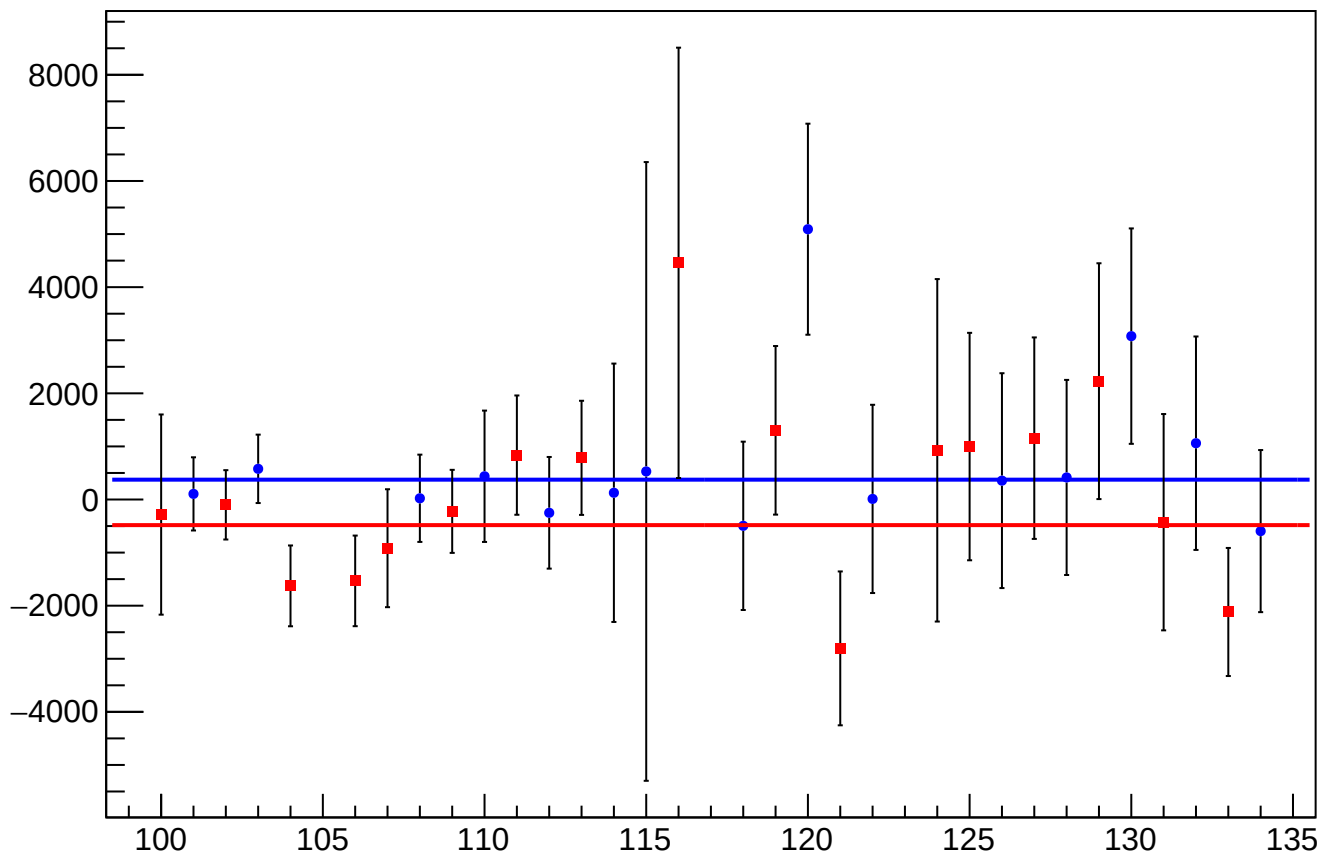
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.646 $\pm$ 0.020 χ^2 /NDF: 1942678.8/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_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: -482.380+/-283.025 χ^2/NDF : 17.2/16

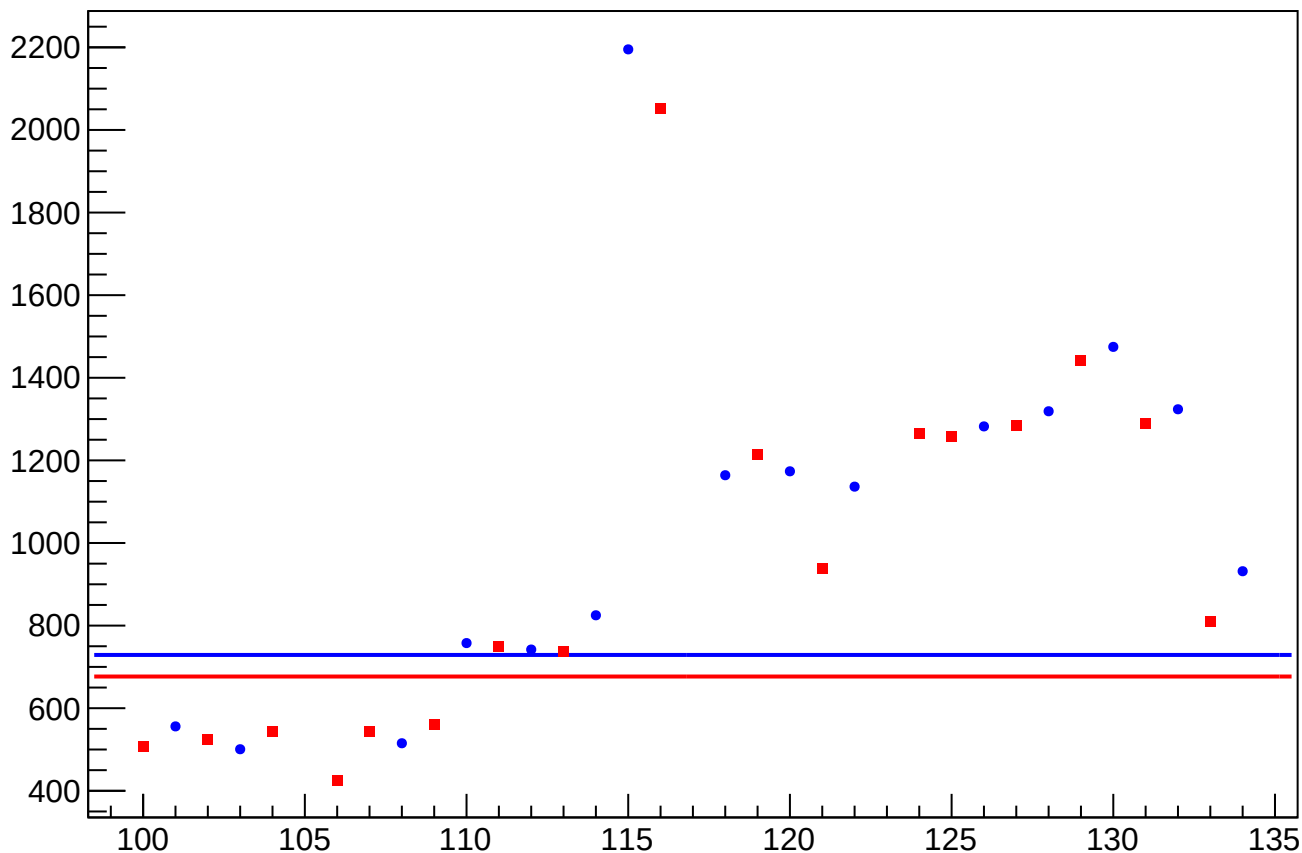
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -97.843+/-210.060 χ^2/NDF : 30.4/31

- sign 0.000+/-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

Right Out: 676.712 ± 0.200 χ^2/NDF : 1834386.4/16

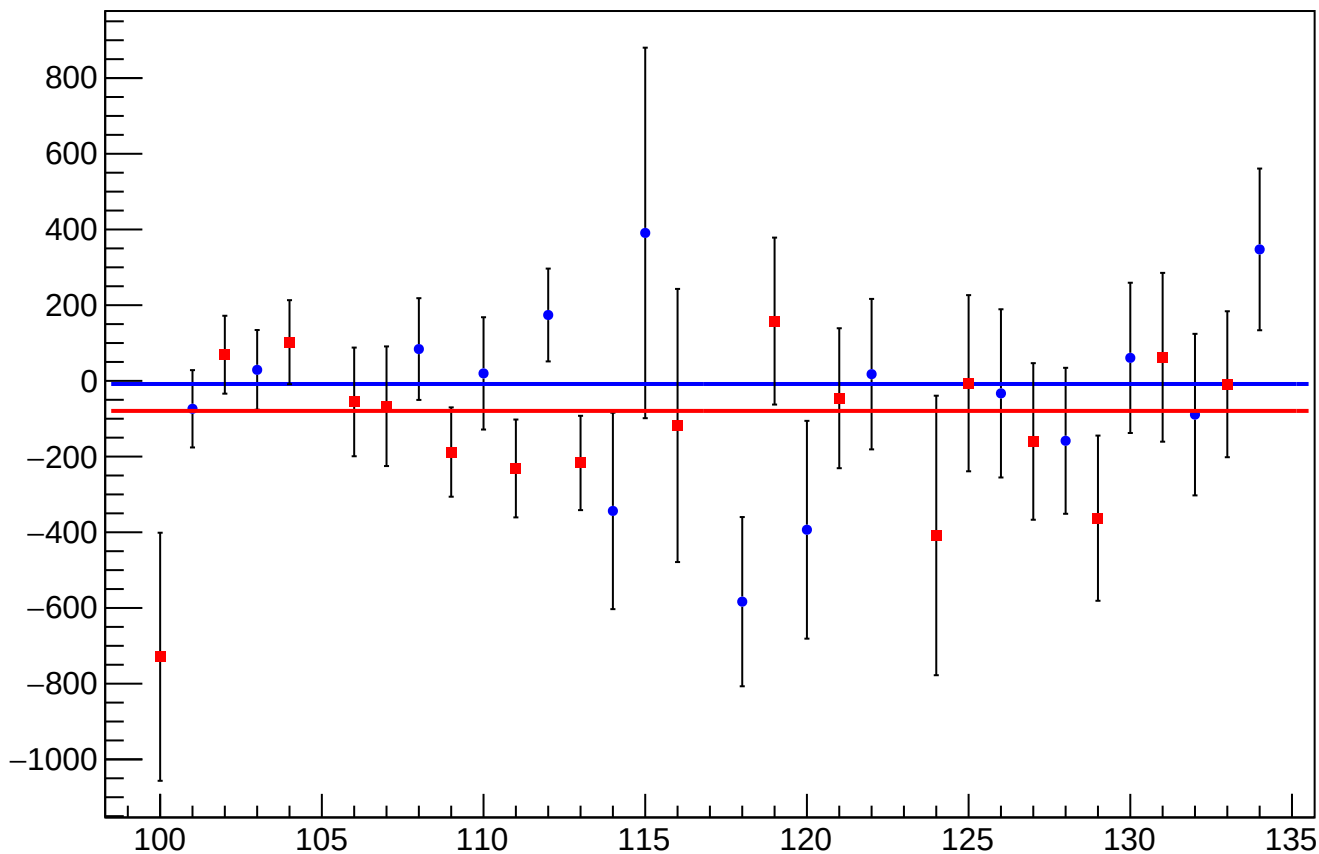
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 700.180 ± 0.149 χ^2/NDF : 3701127.4/31

- sign 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: -79.351+/-39.399 χ^2/NDF : 16.6/16

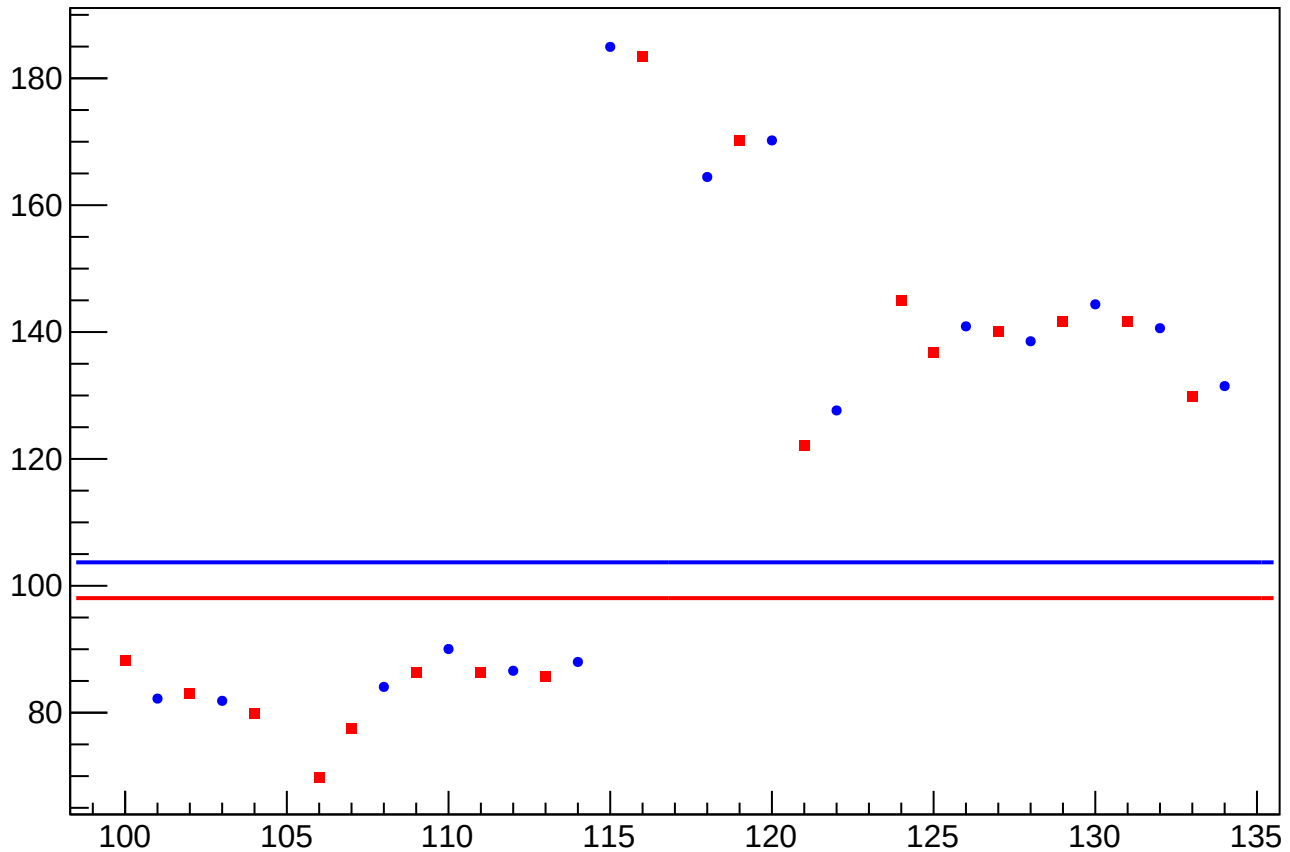
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.714+/-28.984 χ^2/NDF : 35.8/31

- 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: 98.059 $\pm$ 0.028 χ^2 /NDF: 1005962.4/16

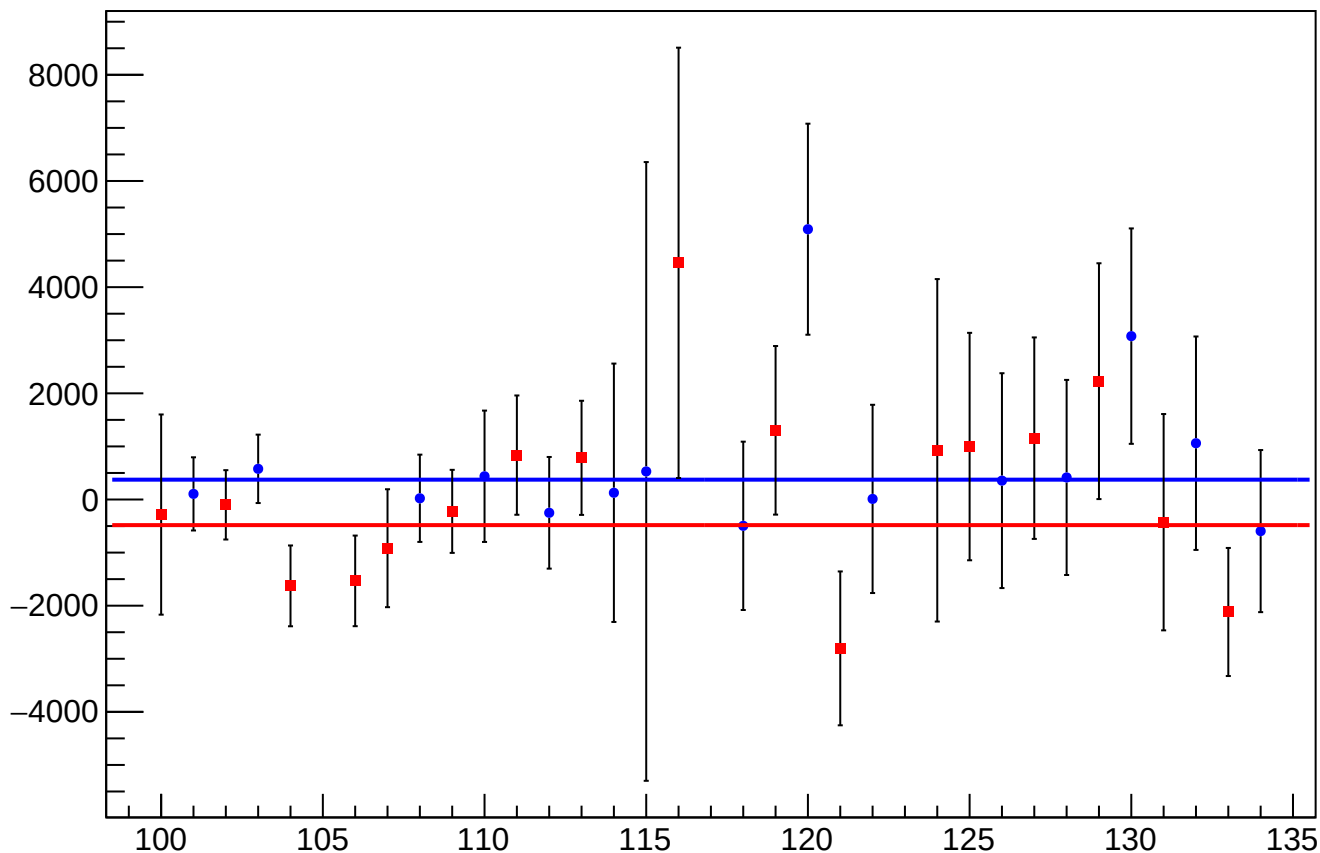
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.646 $\pm$ 0.020 χ^2 /NDF: 1942678.8/31

- 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: -482.380+/-283.025 χ^2/NDF : 17.2/16

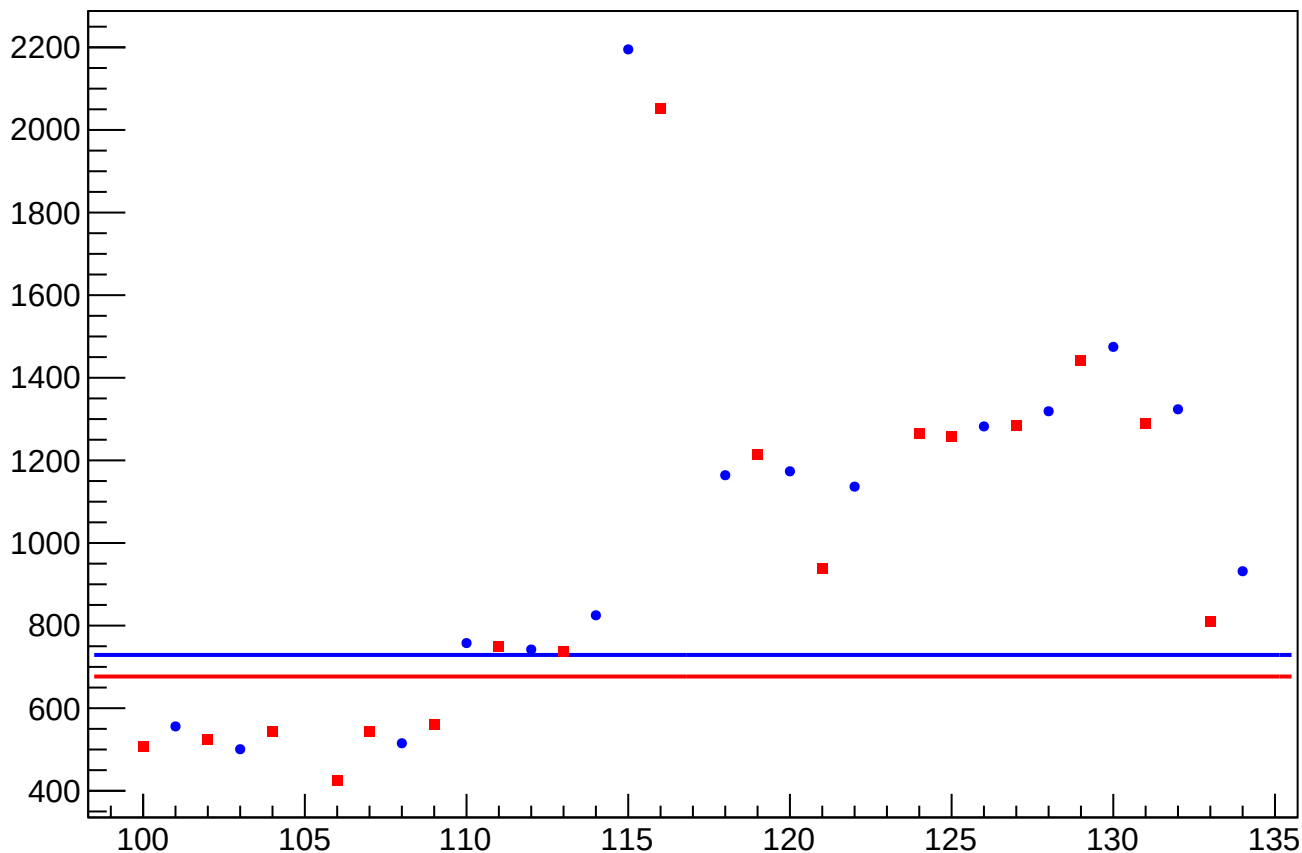
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -97.843+/-210.060 χ^2/NDF : 30.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_cor_correction_rms vs Slug



Right In: 728.962 $\pm$ 0.222 χ^2 /NDF: 1836126.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 676.712 $\pm$ 0.200 χ^2 /NDF: 1834386.4/16

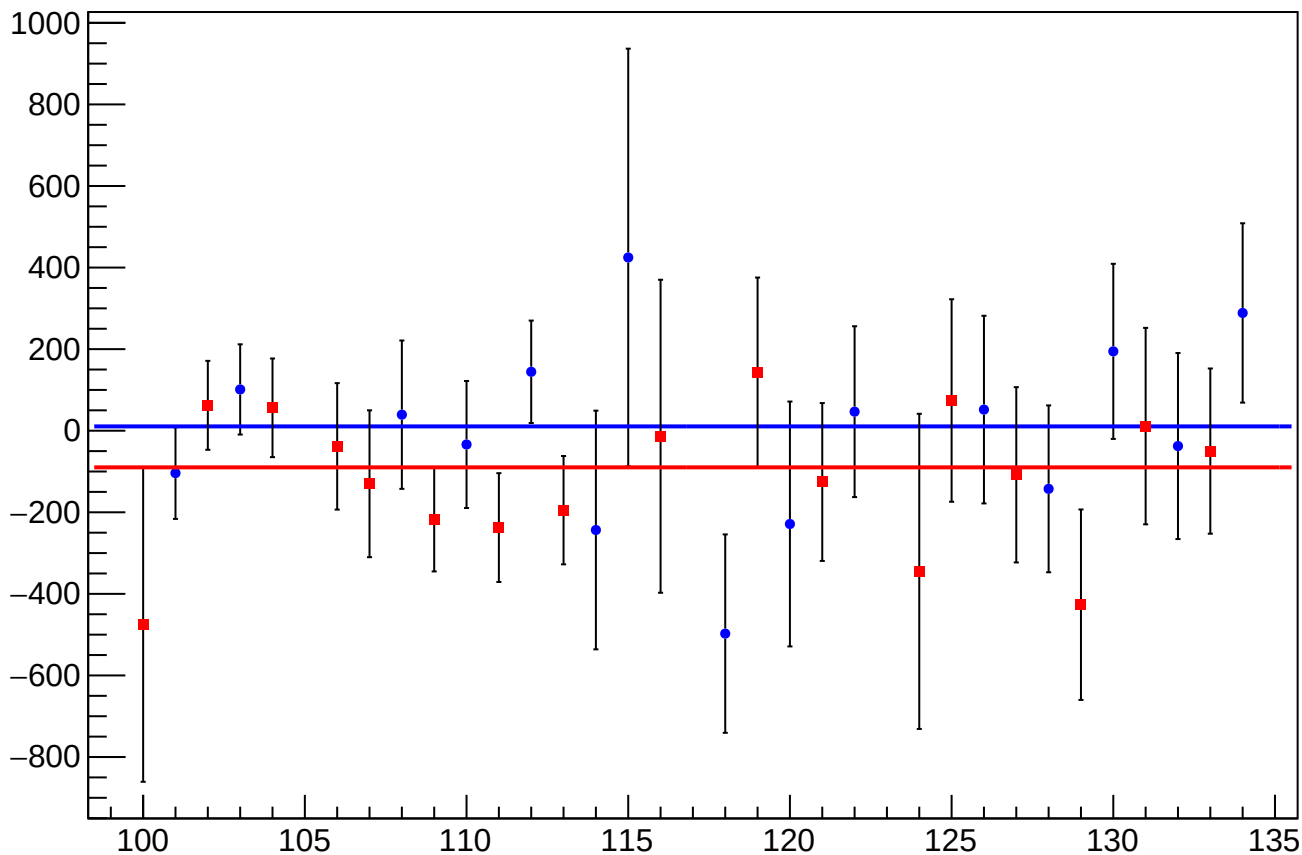
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 700.180 $\pm$ 0.149 χ^2 /NDF: 3701127.4/31

- sign 0.000 $\pm$ 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: -89.811 $\pm$ 42.172 χ^2 /NDF: 11.7/16

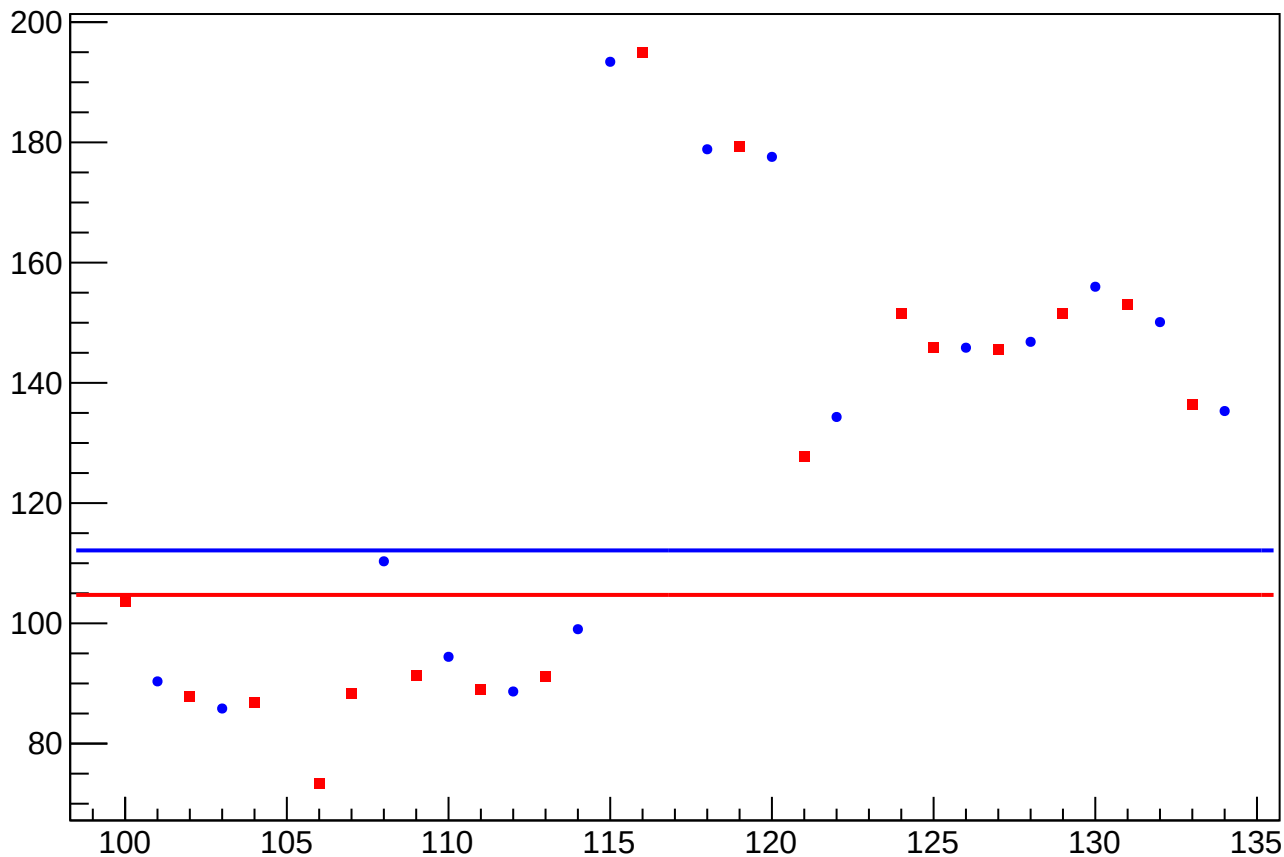
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -44.288 $\pm$ 31.178 χ^2 /NDF: 26.6/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam5_rms vs Slug



Right In: 112.131+/-0.033 χ^2/NDF : 868278.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.729+/-0.030 χ^2/NDF : 971211.2/16

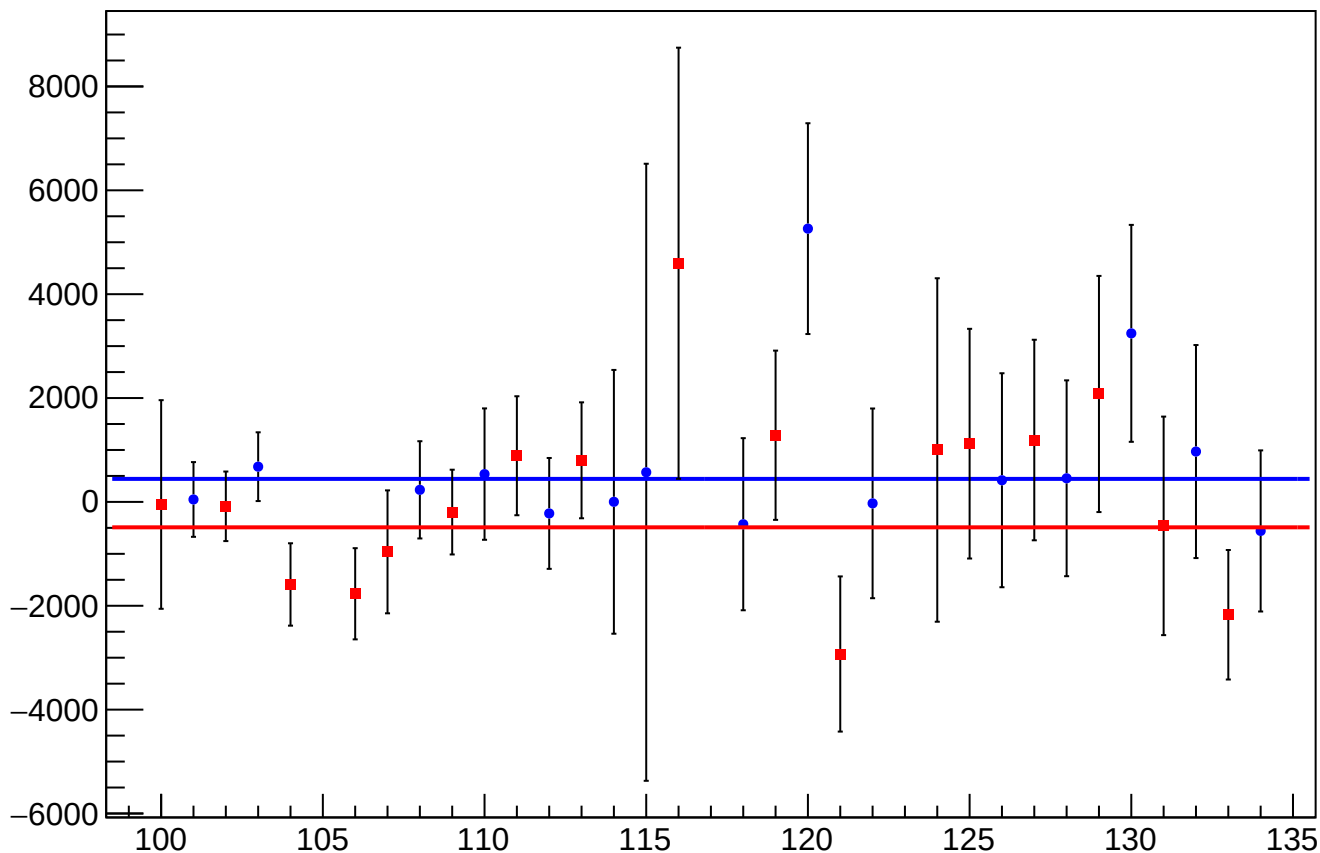
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.085+/-0.022 χ^2/NDF : 1867428.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_dit_correction_mean vs Slug



Right In: 443.098 ± 327.099 χ^2/NDF : 9.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -489.549 ± 292.936 χ^2/NDF : 17.5/16

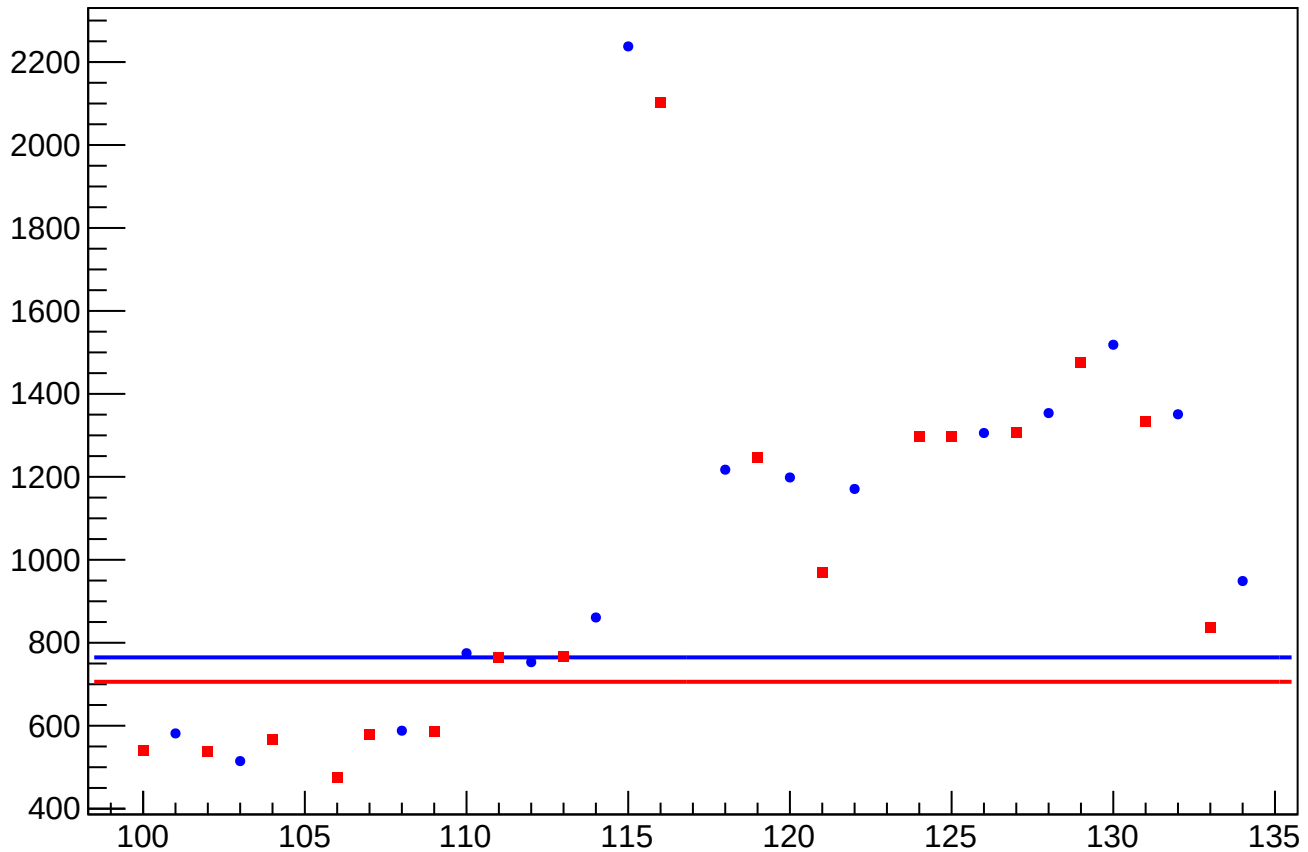
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -74.457 ± 218.219 χ^2/NDF : 31.2/31

- sign 0.000 ± 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: 705.944+/-0.207 χ^2/NDF : 1755238.9/16

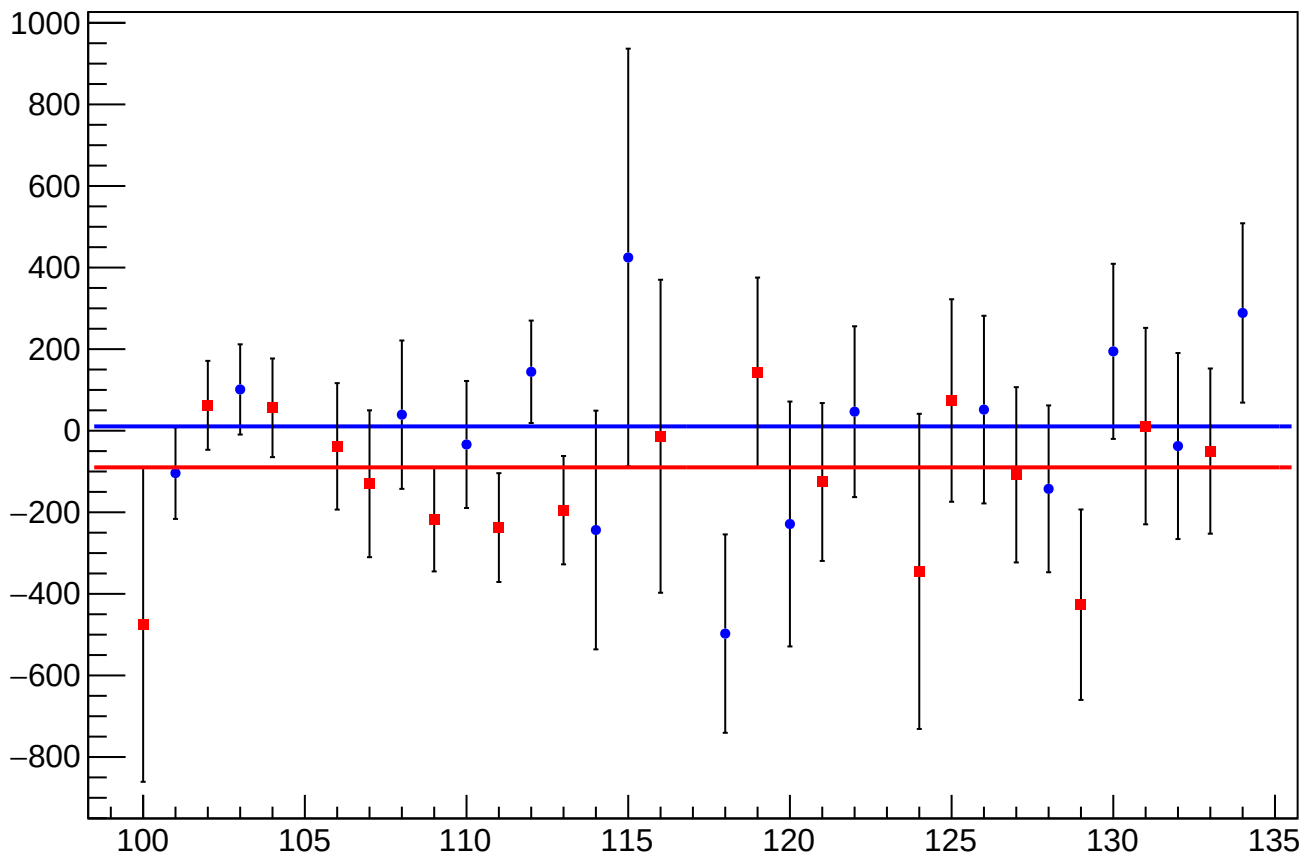
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 732.130+/-0.154 χ^2/NDF : 3527771.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam5_mean vs Slug



Right In: 10.581 $\pm$ 46.300 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -89.812 $\pm$ 42.172 χ^2 /NDF: 11.7/16

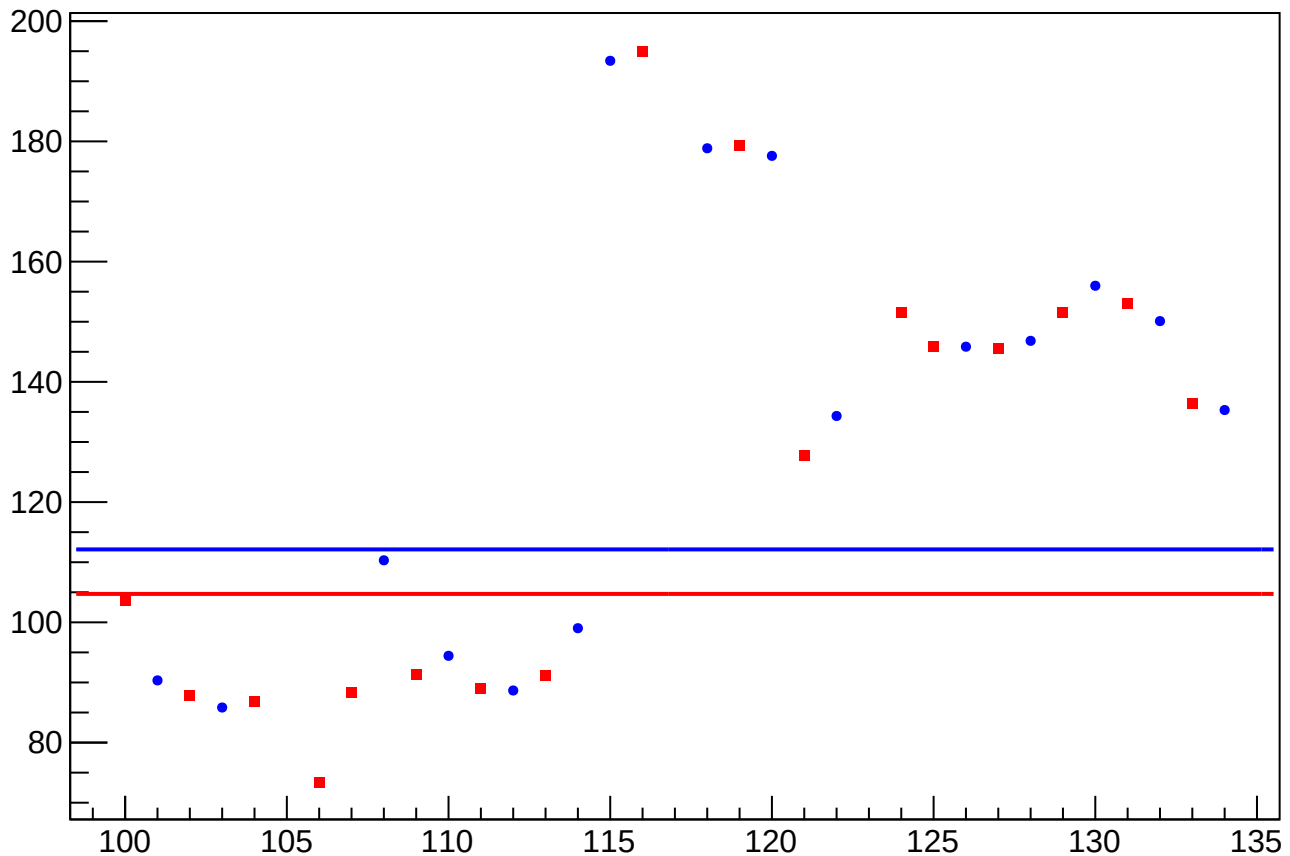
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -44.289 $\pm$ 31.177 χ^2 /NDF: 26.6/31

- sign 0.000 $\pm$ 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: 104.729+/-0.030 χ^2/NDF : 971201.5/16

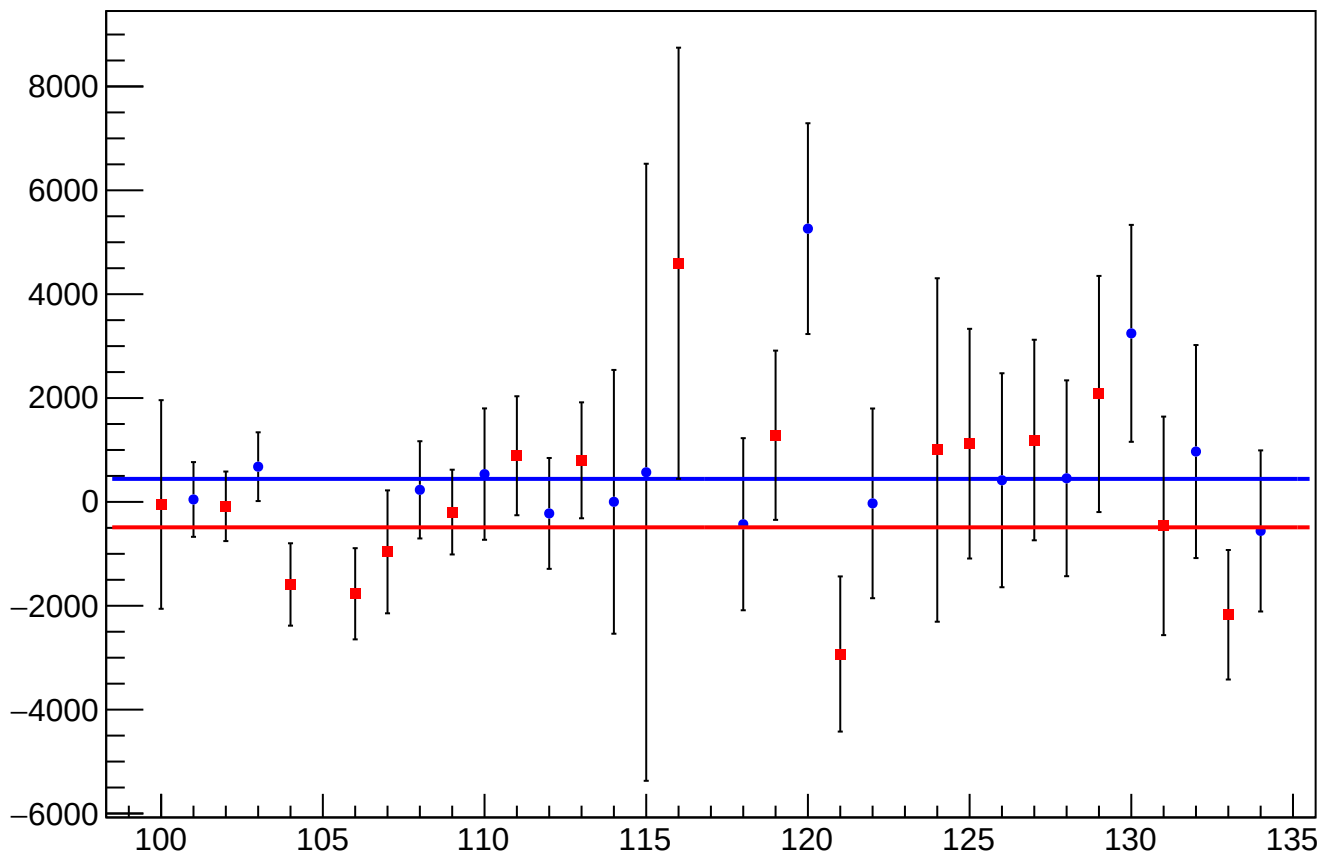
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.085+/-0.022 χ^2/NDF : 1867412.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_dit_correction_mean vs Slug



Right In: 443.097 ± 327.098 χ^2/NDF : 9.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -489.549 ± 292.936 χ^2/NDF : 17.5/16

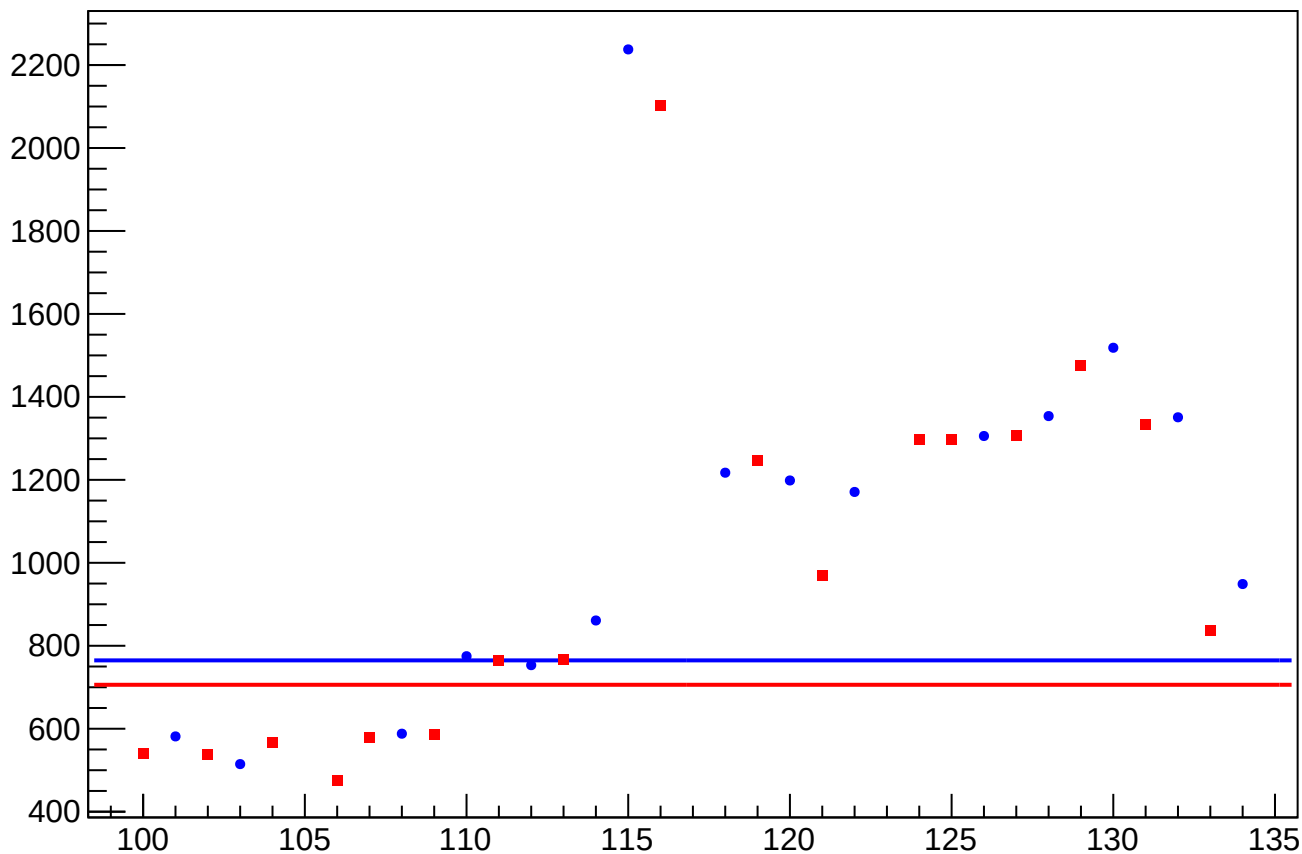
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -74.457 ± 218.219 χ^2/NDF : 31.2/31

- sign 0.000 ± 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: 705.943+/-0.207 χ^2/NDF : 1755233.0/16

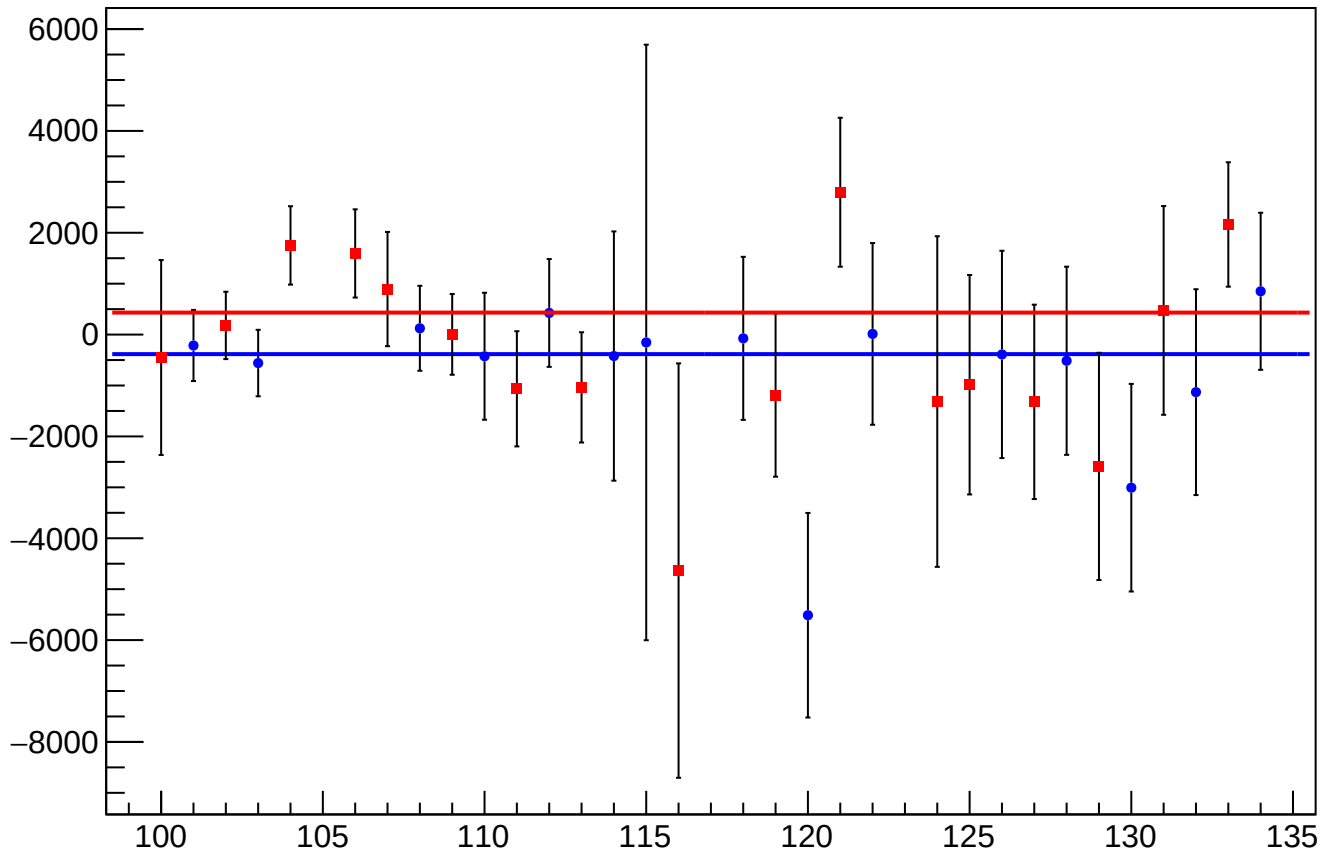
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 732.129+/-0.154 χ^2/NDF : 3527762.5/31

- 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: 431.933 ± 286.184 χ^2/NDF : 19.7/16

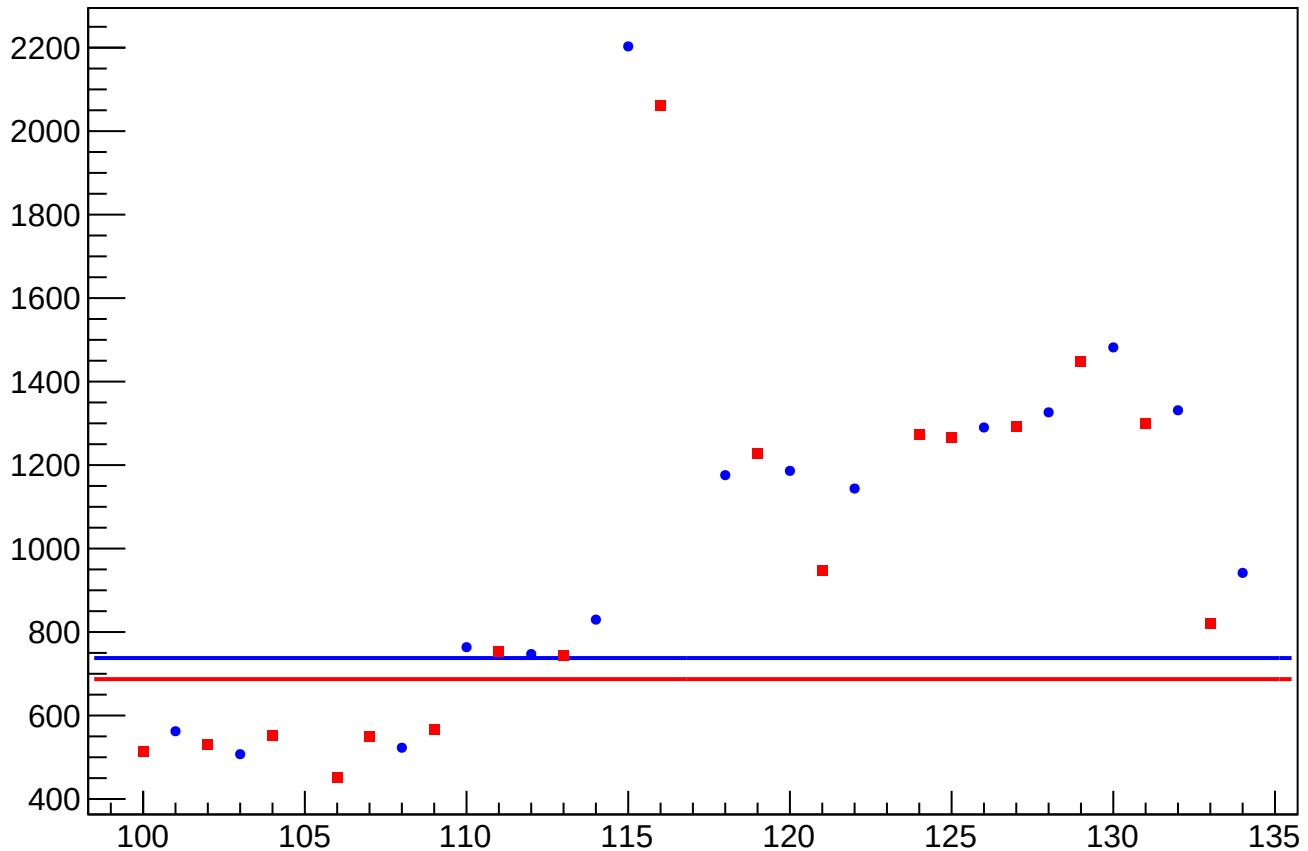
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 65.535 ± 212.394 χ^2/NDF : 33.5/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam5_rms vs Slug



Right In: 737.680+/-0.224 χ^2/NDF : 1814409.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 687.205+/-0.202 χ^2/NDF : 1788584.3/16

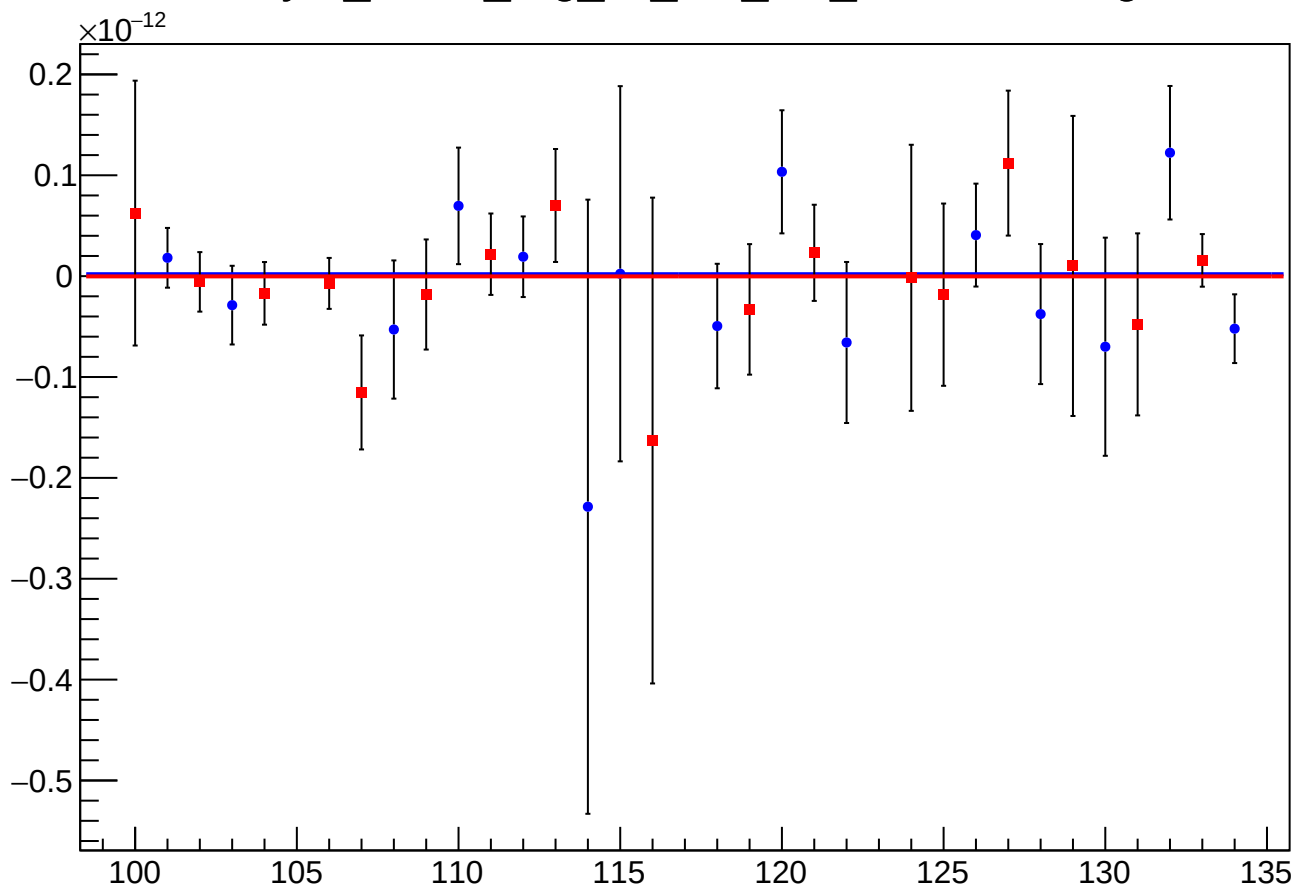
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 709.878+/-0.150 χ^2/NDF : 3630939.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 15.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 10.8/16

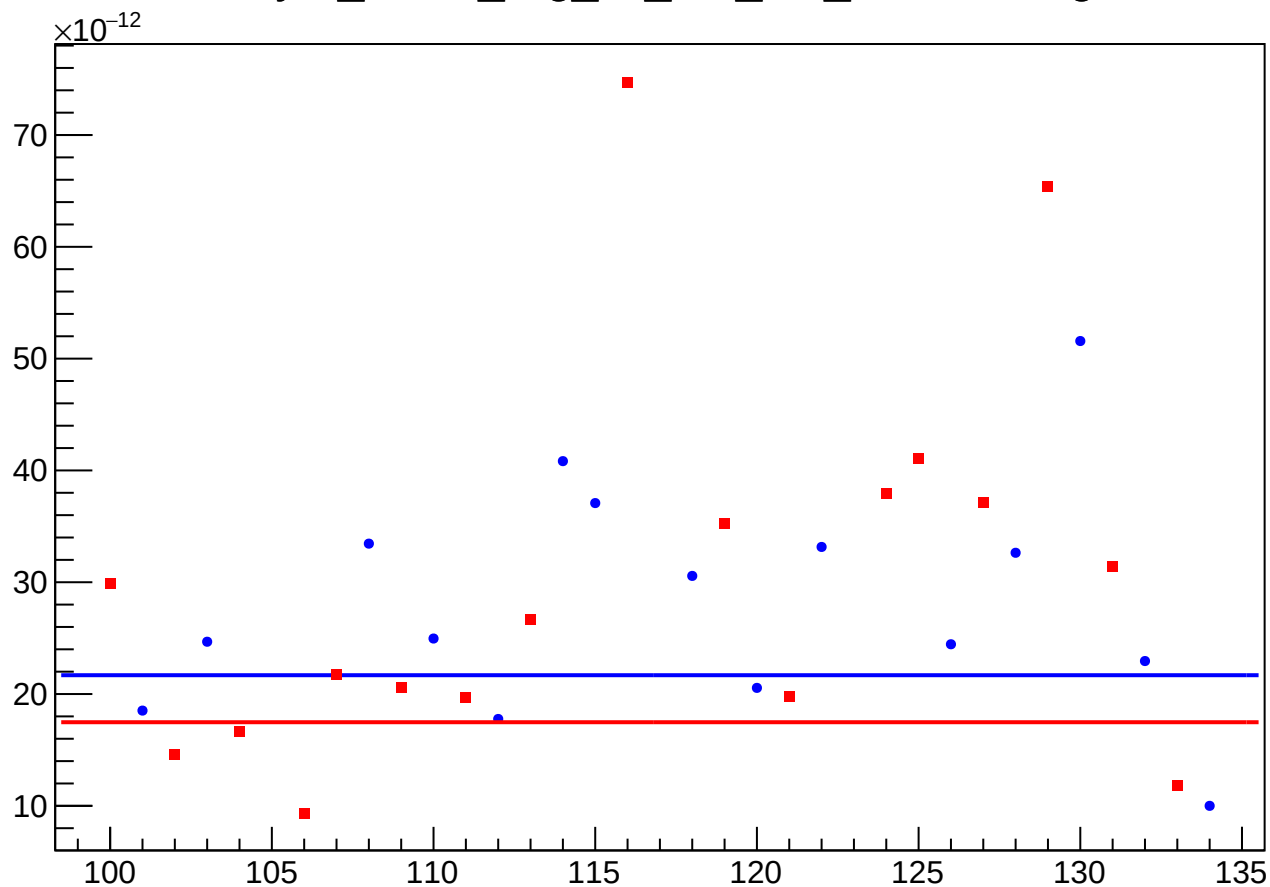
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 25.9/31

- sign 0.000 ± 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 : 1278463.8/16

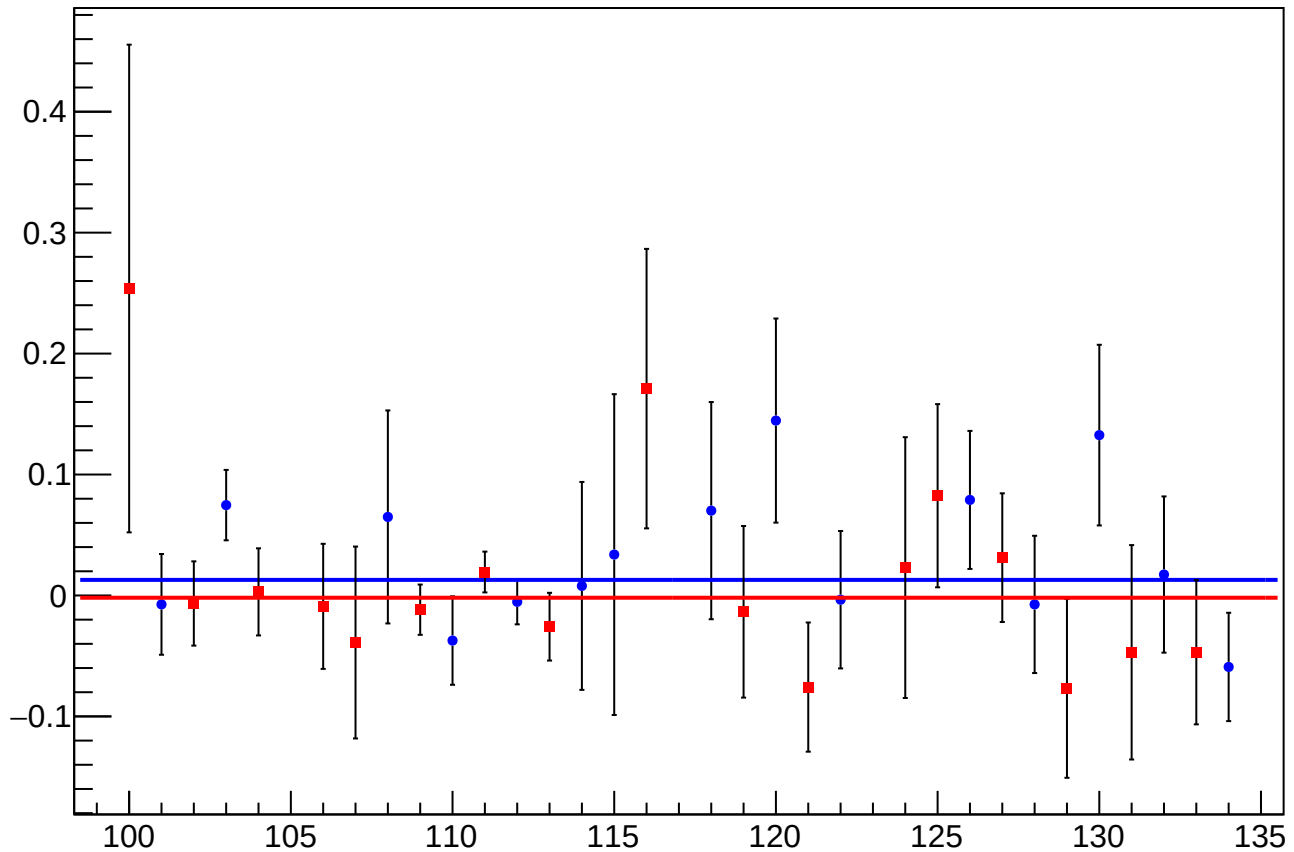
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2062042.1/31

- 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: -0.002 $\pm$ 0.009 χ^2 /NDF: 12.1/16

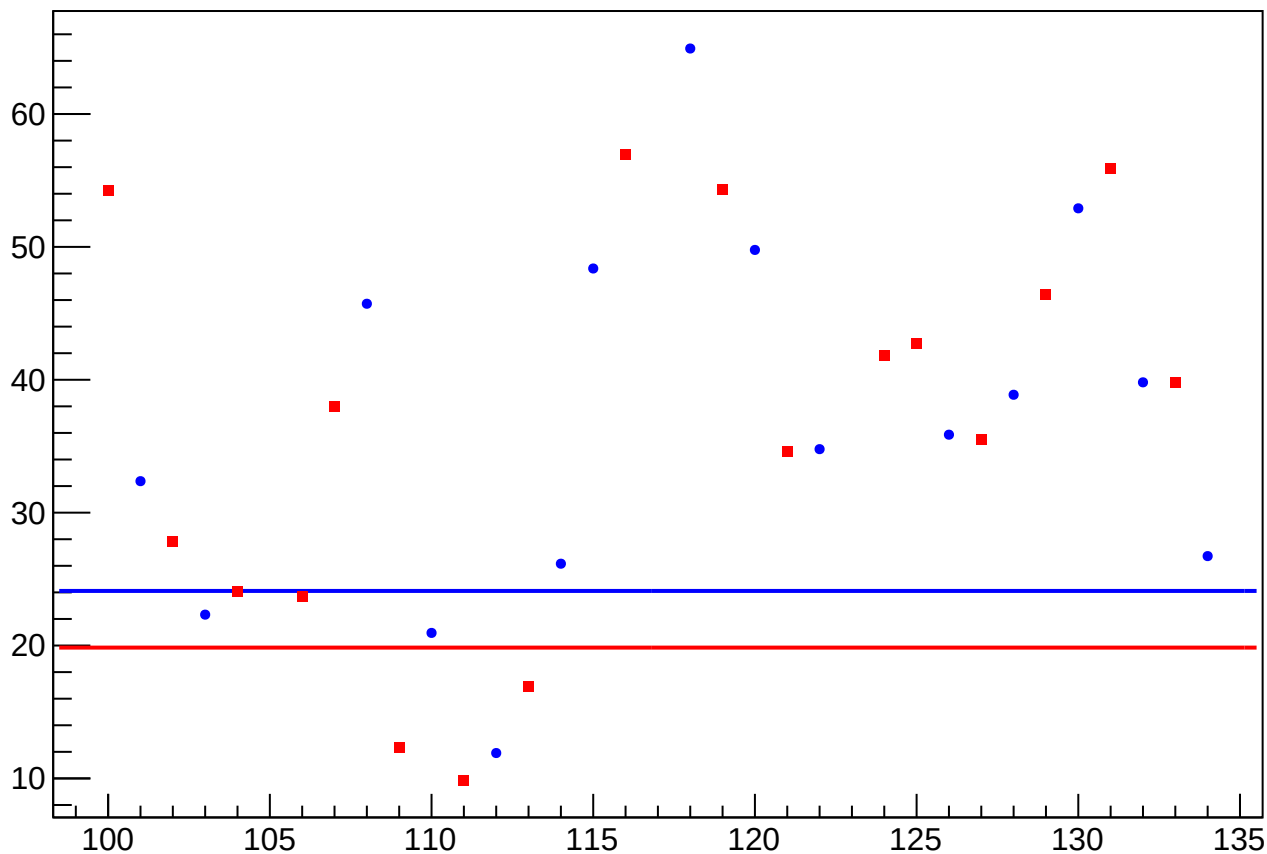
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.007 χ^2 /NDF: 30.7/31

- 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: 19.845+/-0.007 χ^2/NDF : 3377956.9/16

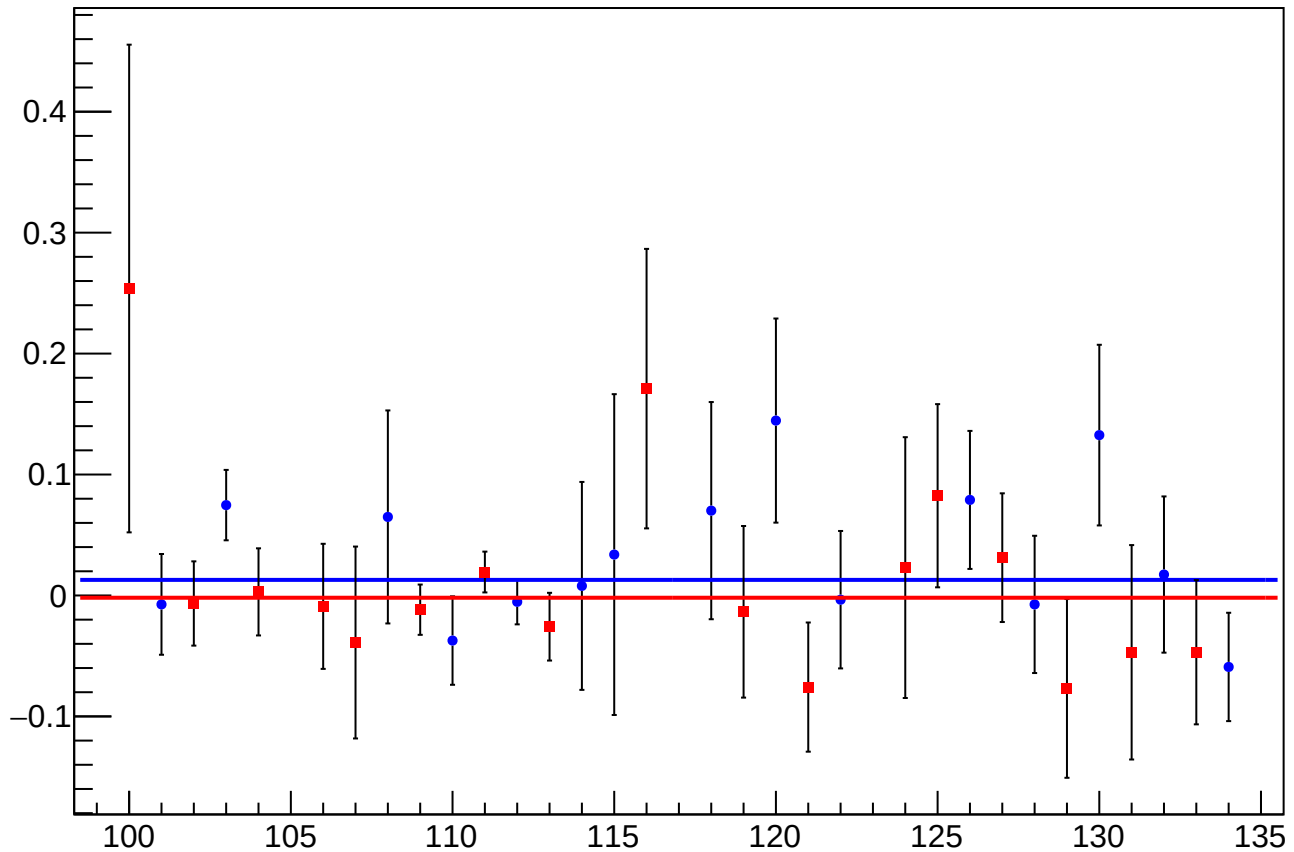
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.608+/-0.005 χ^2/NDF : 6002892.2/31

- 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: -0.002 $\pm$ 0.009 χ^2 /NDF: 12.1/16

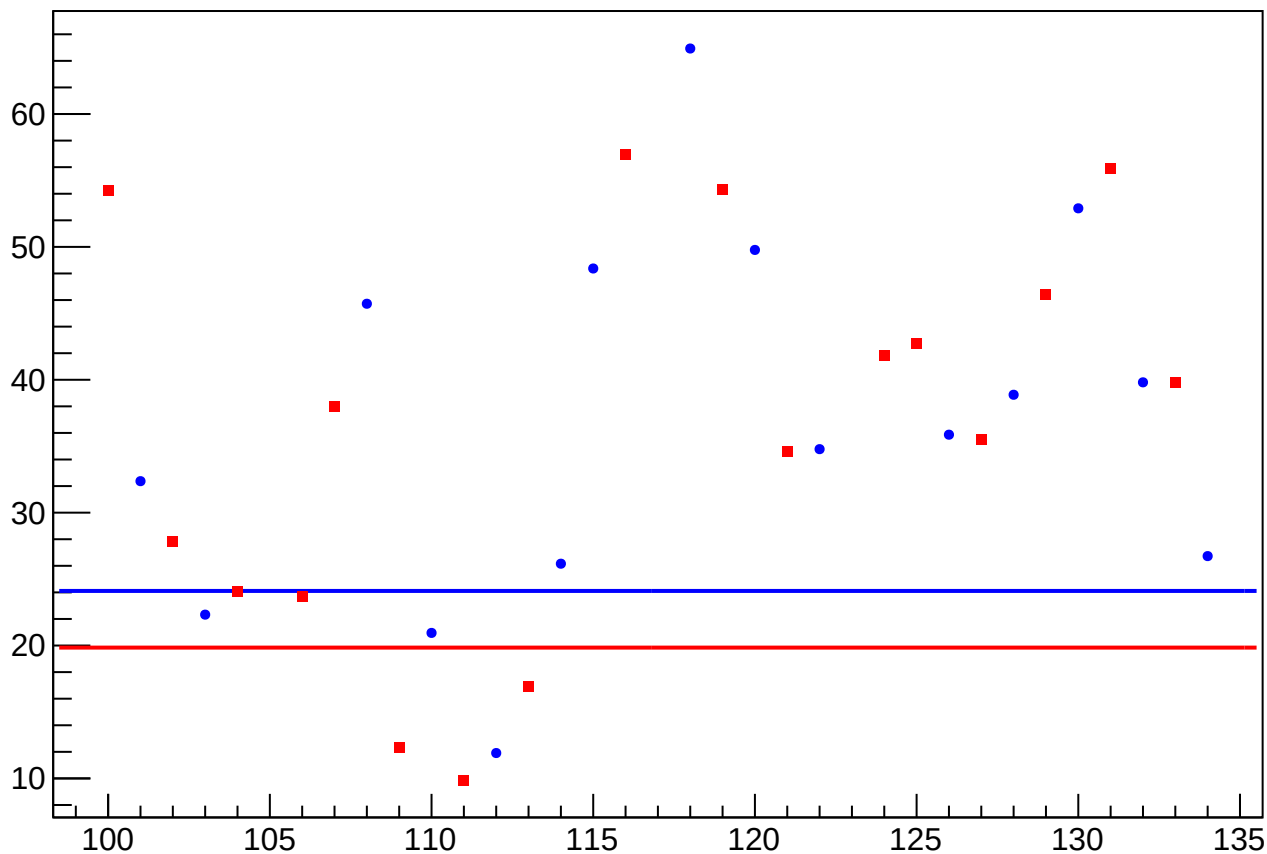
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.007 χ^2 /NDF: 30.7/31

- 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: 19.845+/-0.007 χ^2/NDF : 3377956.9/16

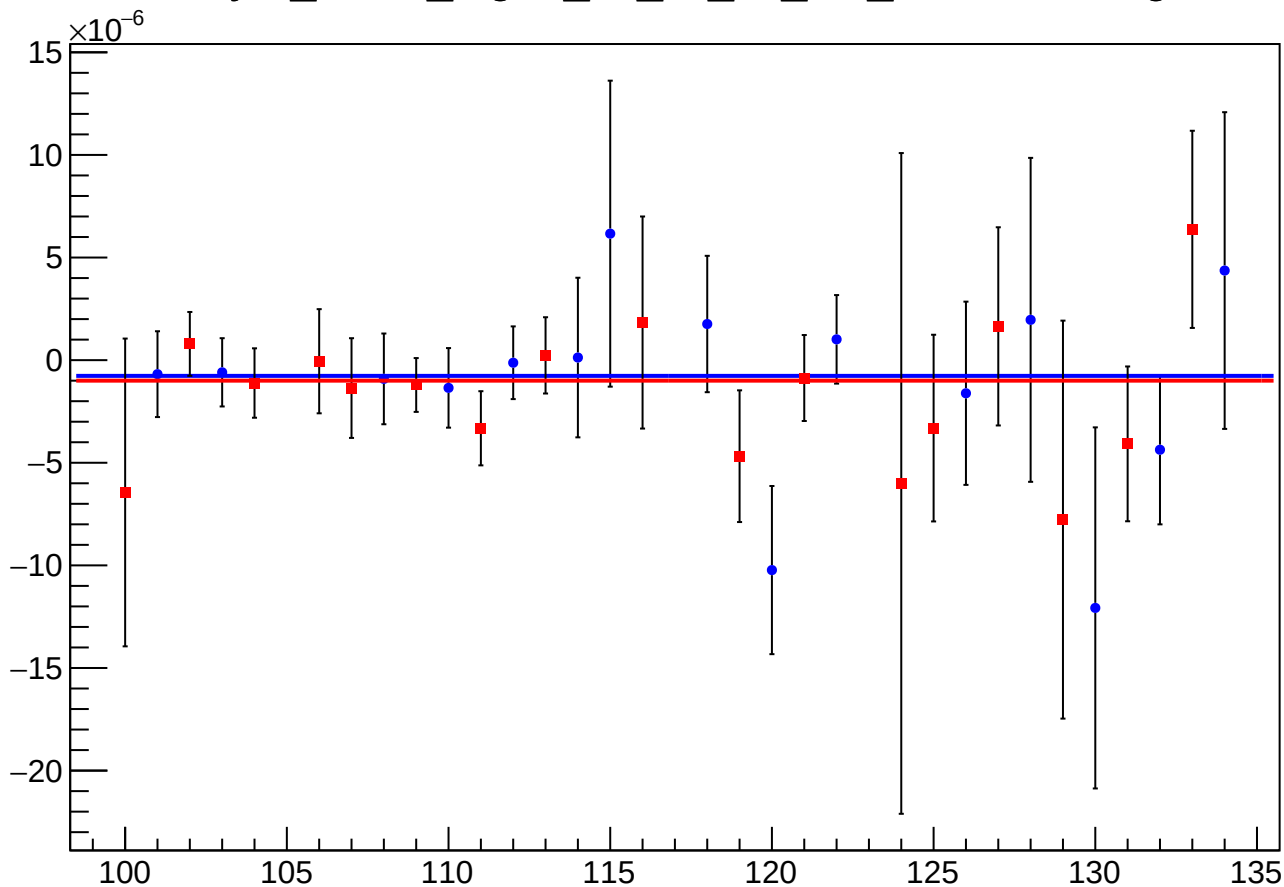
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.608+/-0.005 χ^2/NDF : 6002892.2/31

- 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 : 9.9/16

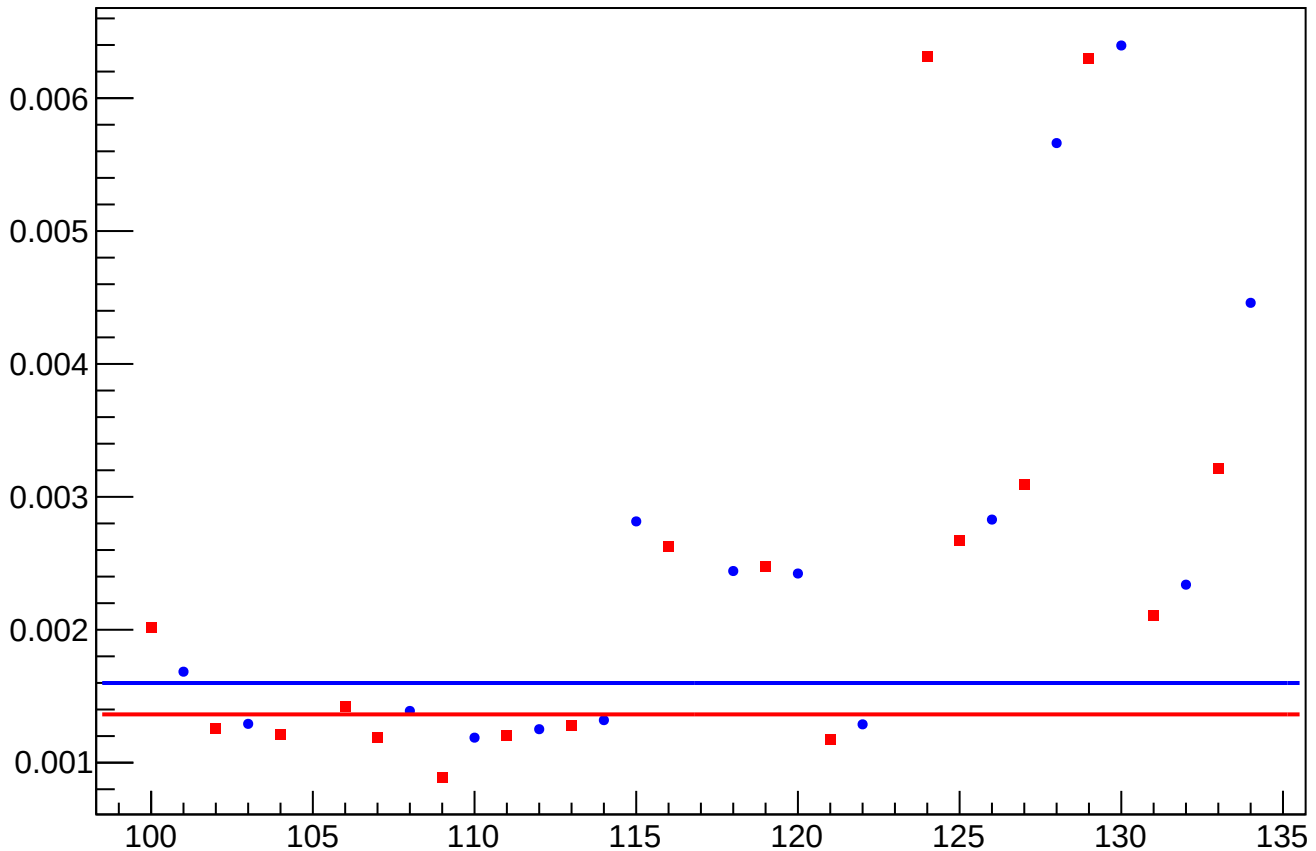
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 21.0/31

- 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 : 2213899.3/16

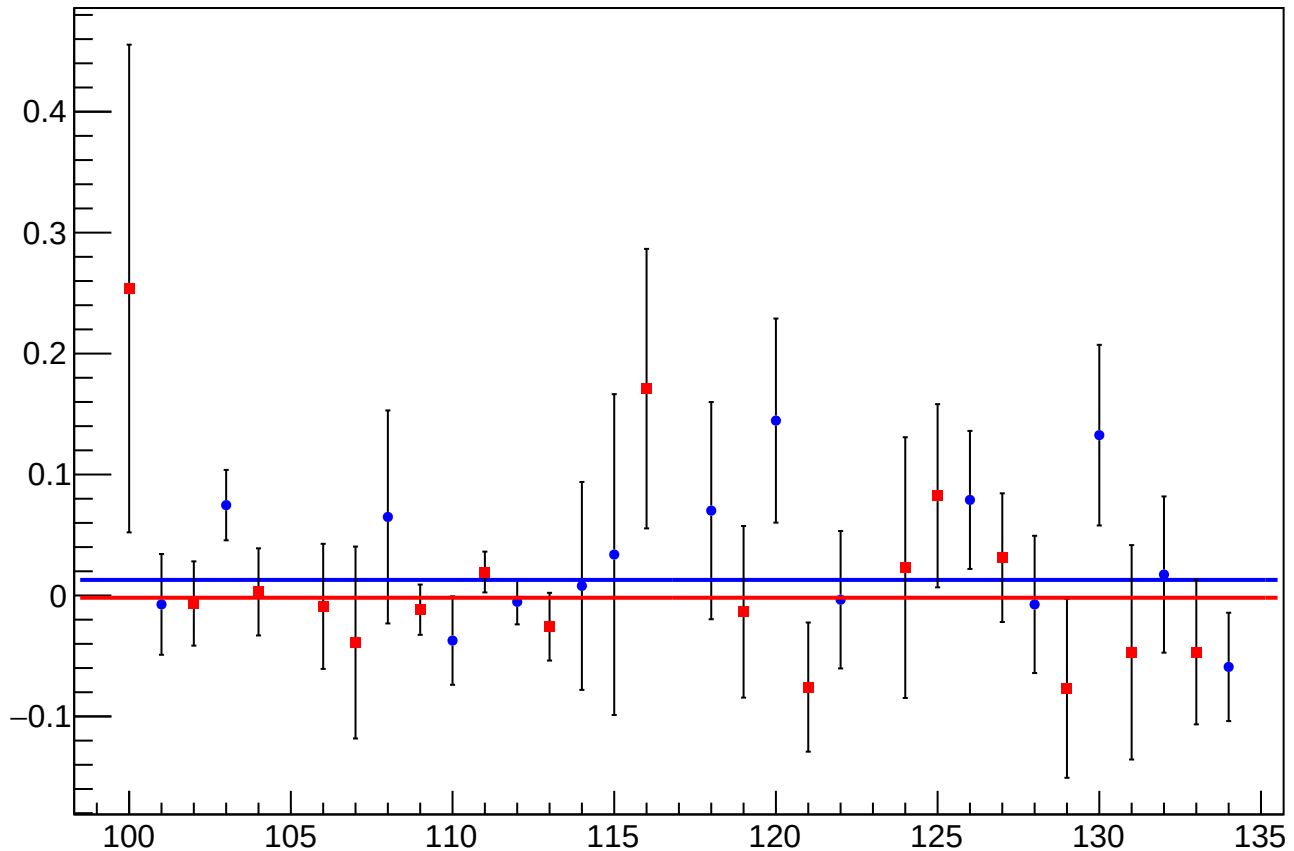
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4550470.1/31

- 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: -0.002 $\pm$ 0.009 χ^2 /NDF: 12.1/16

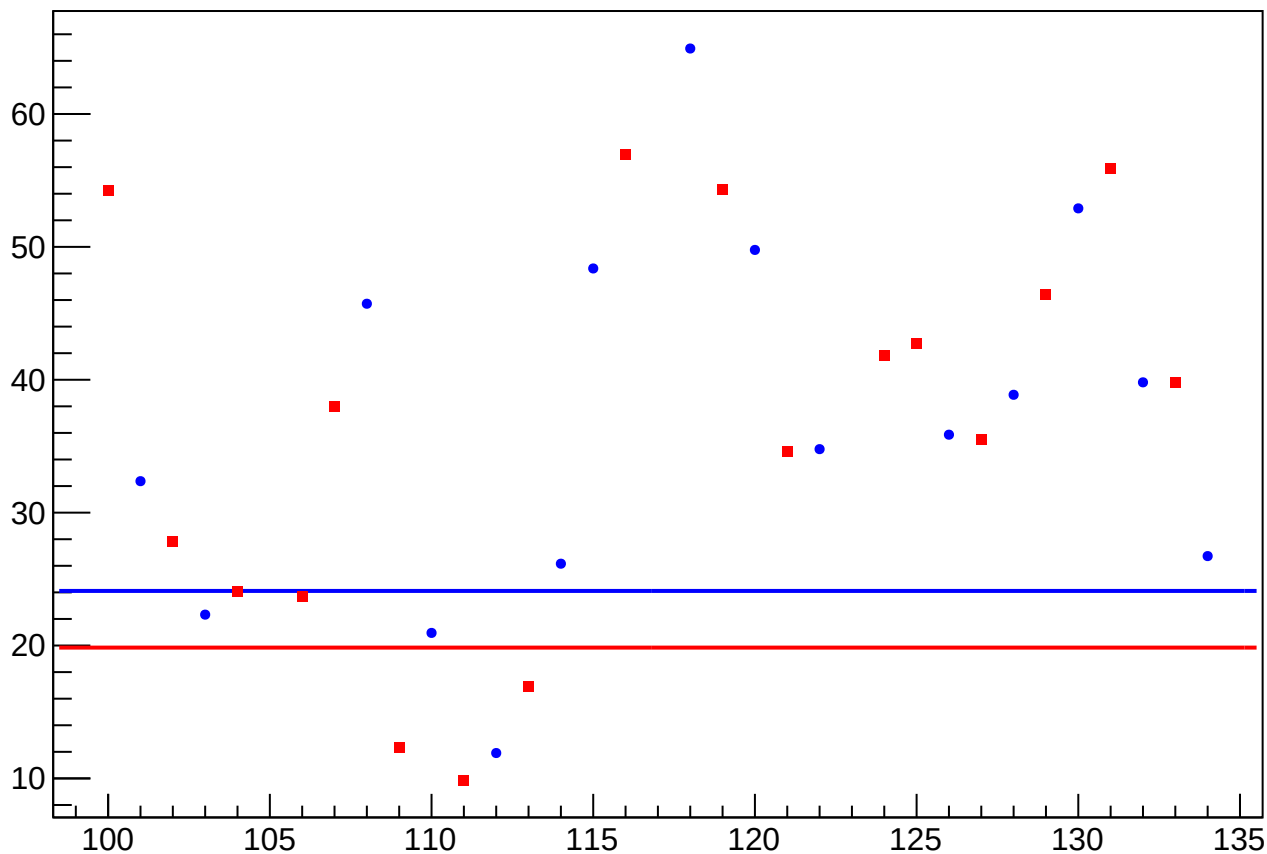
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.007 χ^2 /NDF: 30.7/31

- 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

Right Out: 19.844+/-0.007 χ^2/NDF : 3377939.9/16

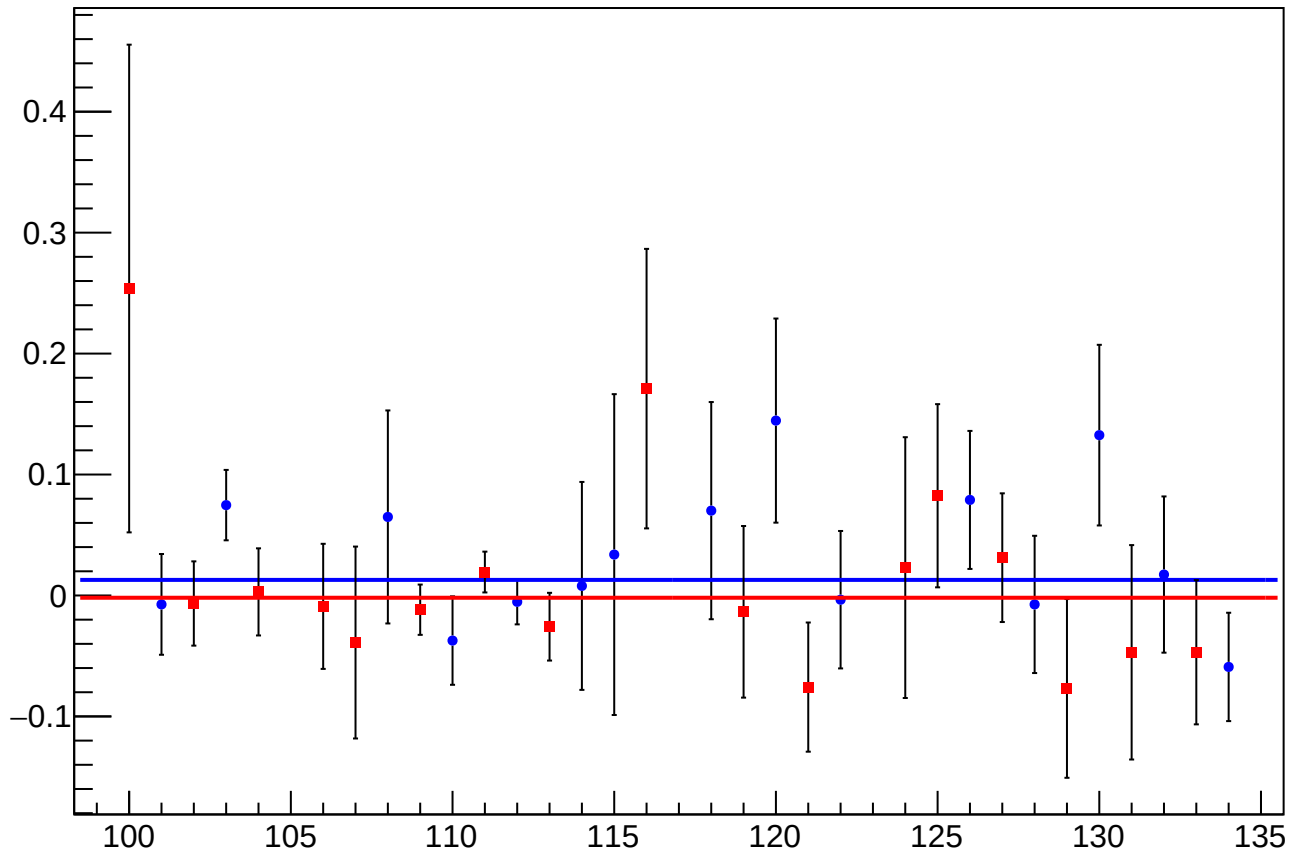
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.608+/-0.005 χ^2/NDF : 6002812.2/31

- sign 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: -0.002 $\pm$ 0.009 χ^2 /NDF: 12.1/16

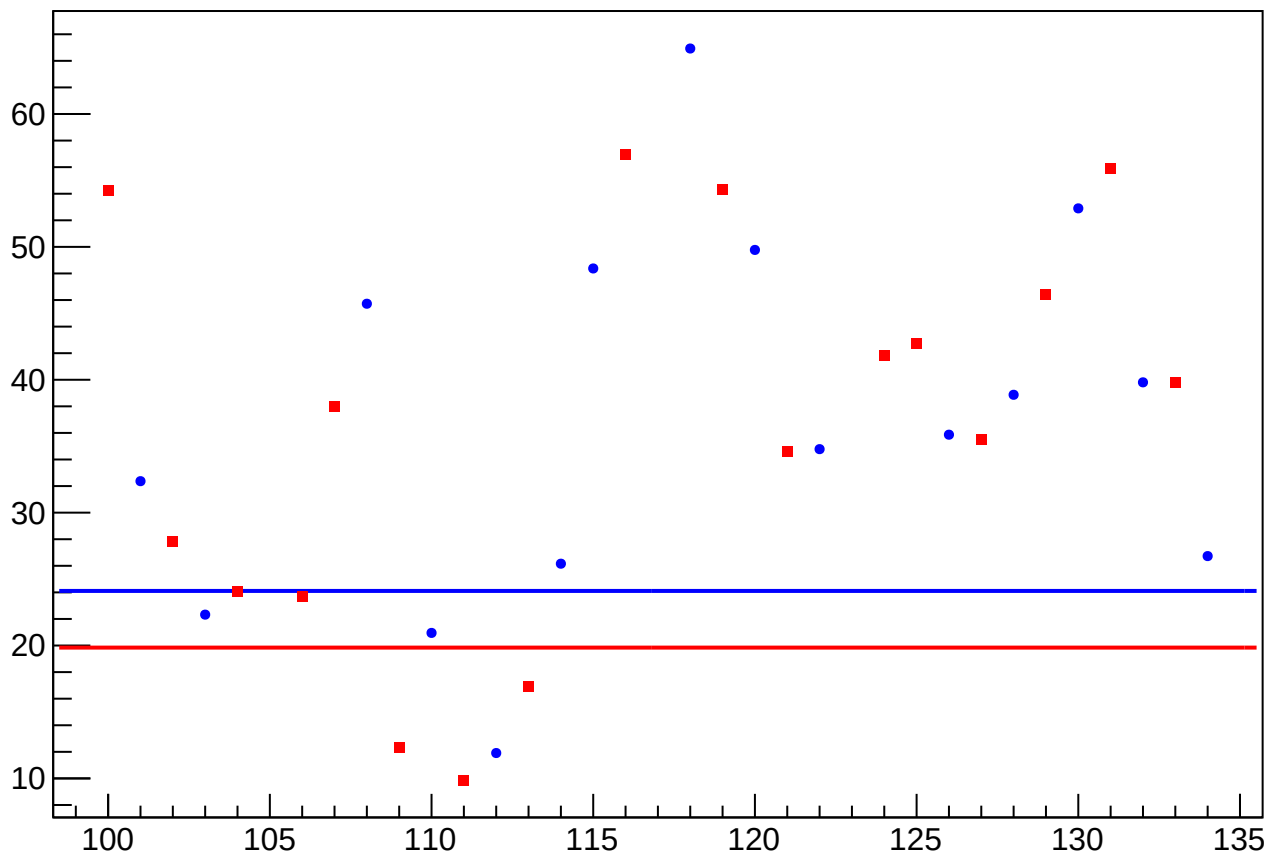
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.007 χ^2 /NDF: 30.7/31

- 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: 19.844+/-0.007 χ^2/NDF : 3377939.9/16

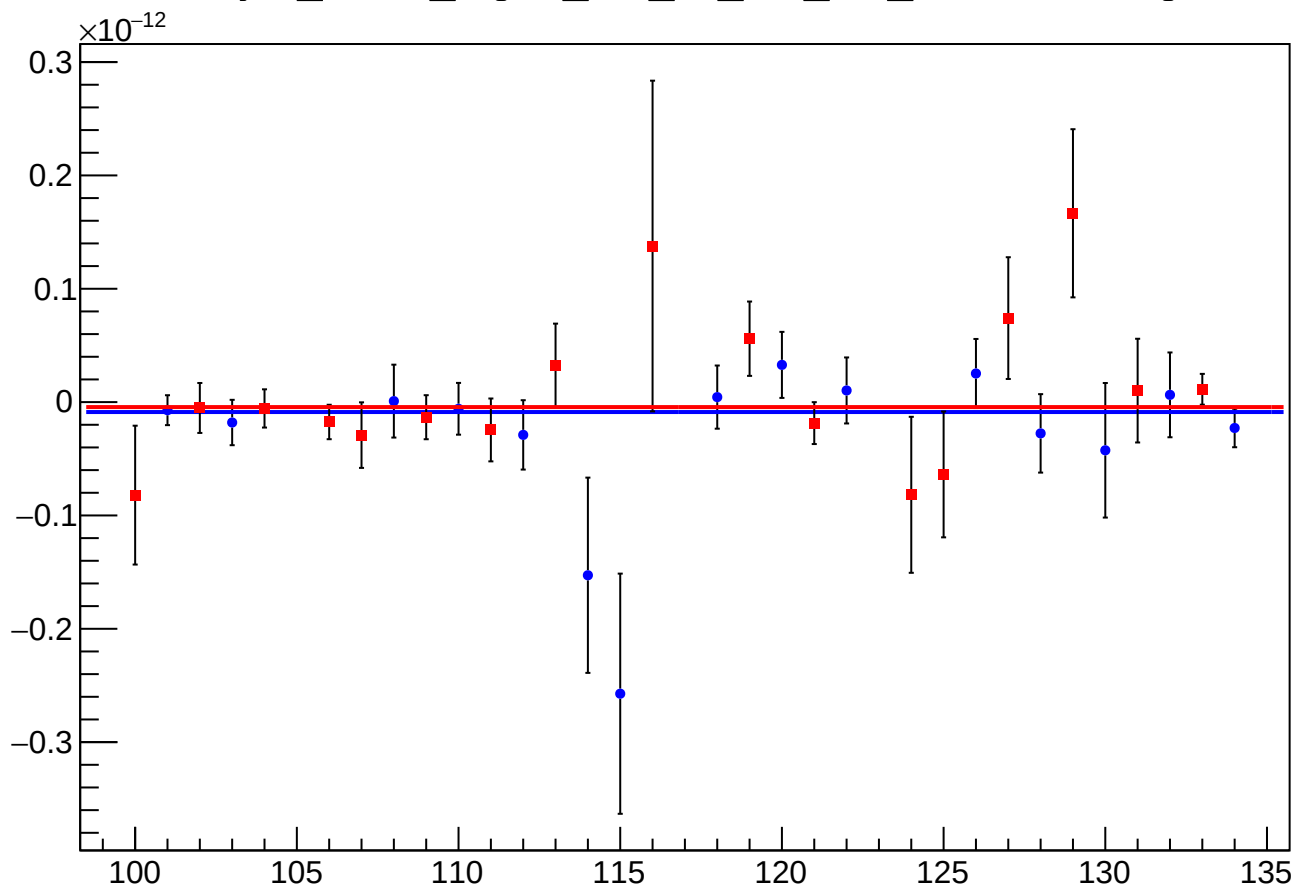
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.608+/-0.005 χ^2/NDF : 6002812.2/31

- 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+/-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: 21.0/16

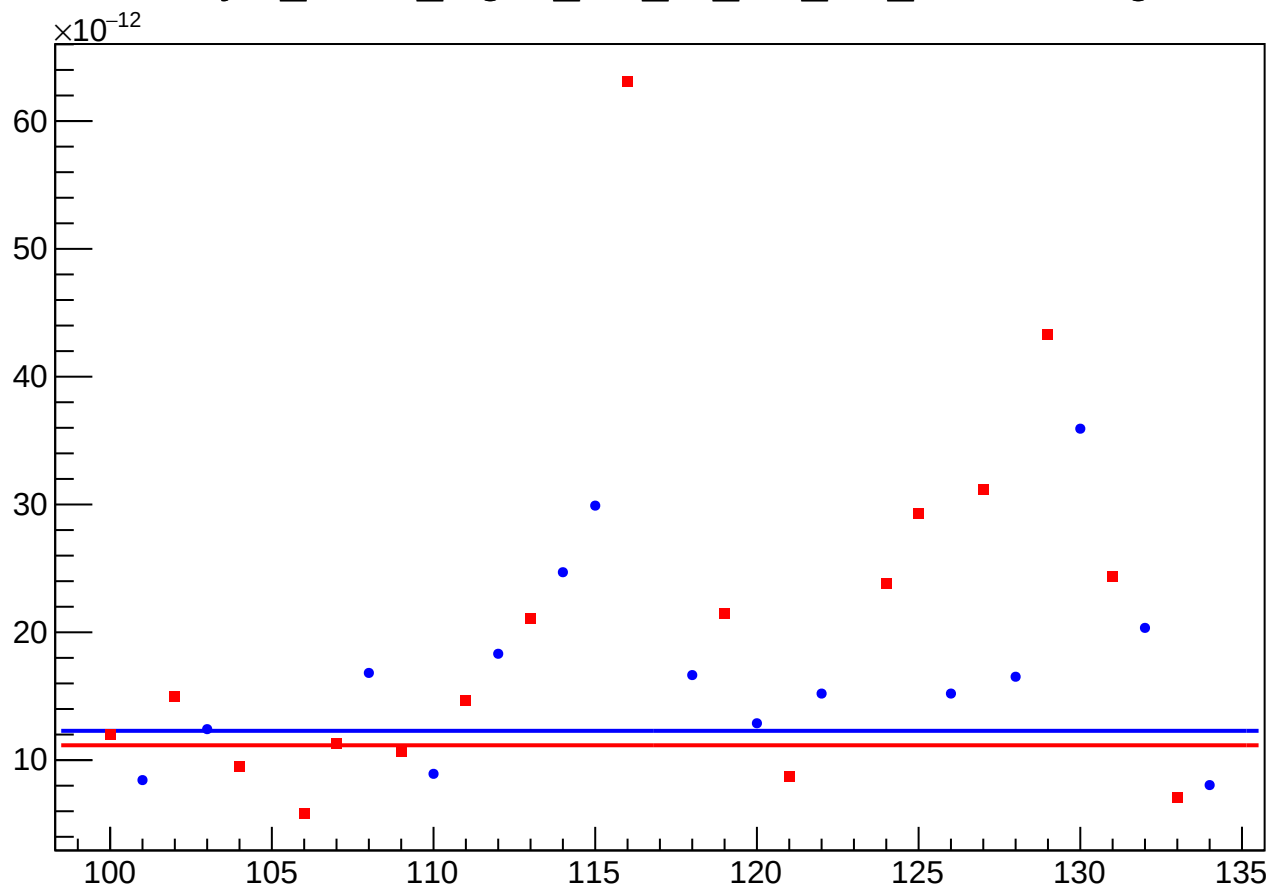
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 35.7/31

- sign 0.000+/-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 : 2274970.4/16

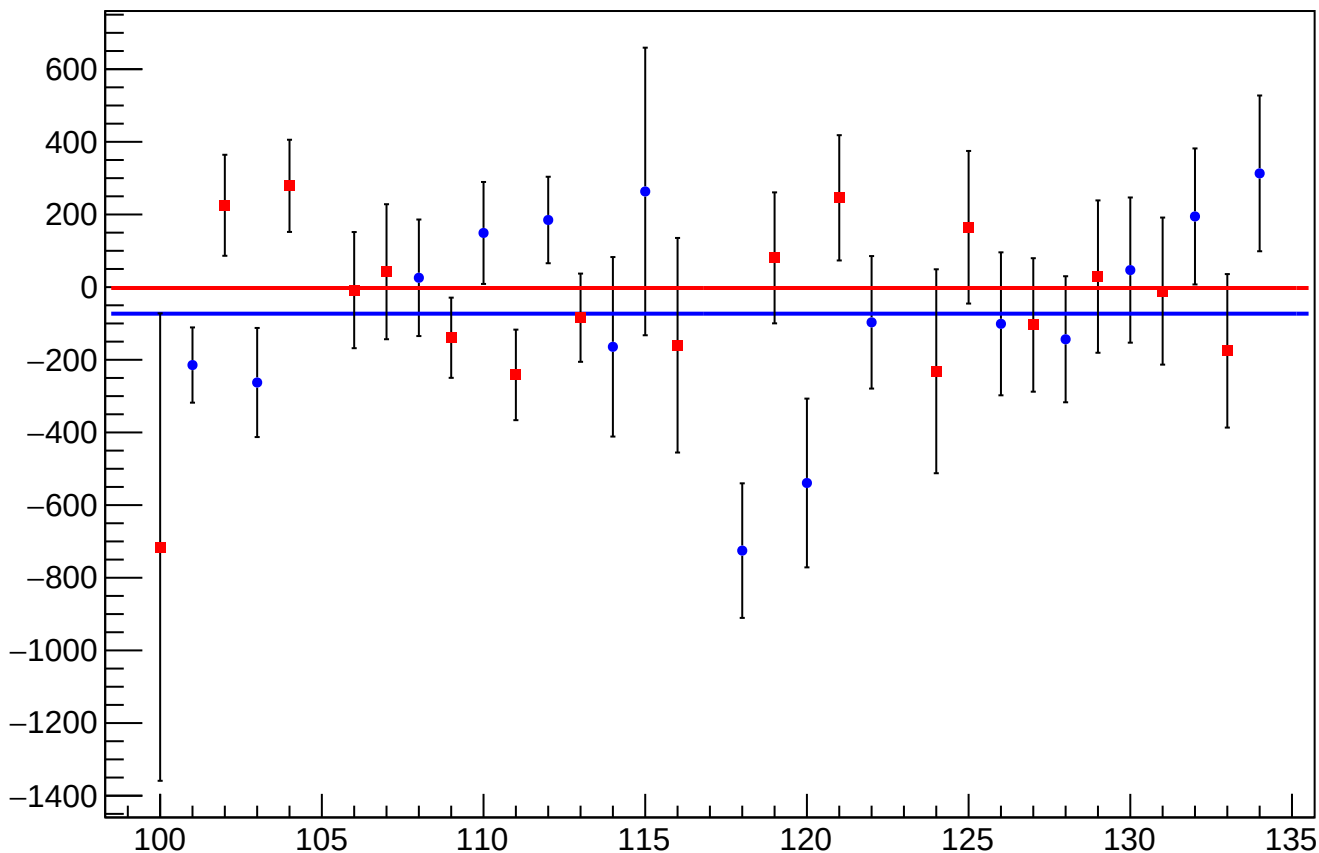
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3387363.8/31

- 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: -2.367 ± 40.522 χ^2/NDF : 19.4/16

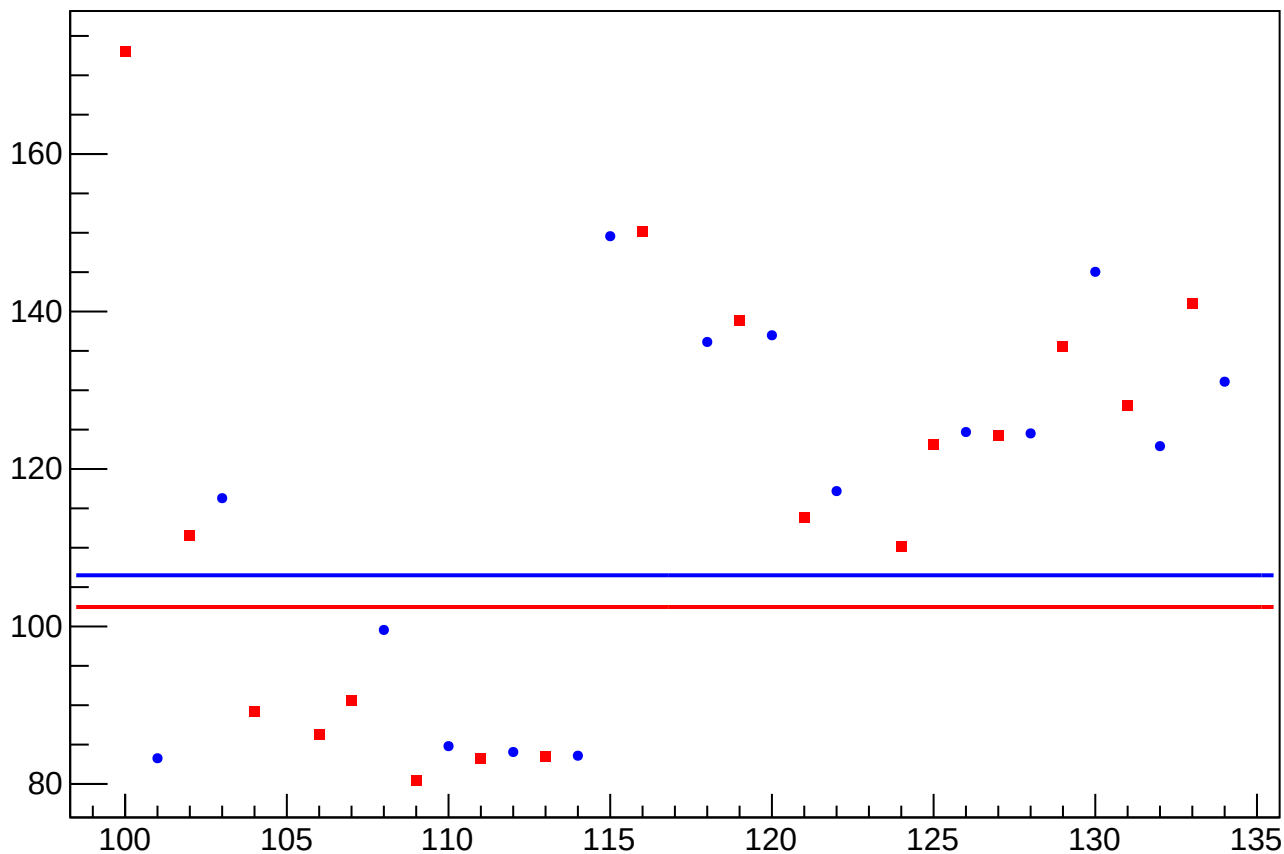
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.340 ± 29.597 χ^2/NDF : 55.0/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_rms vs Slug



Right In: 106.501 $\pm$ 0.031 χ^2 /NDF: 519872.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 102.474 $\pm$ 0.029 χ^2 /NDF: 598839.6/16

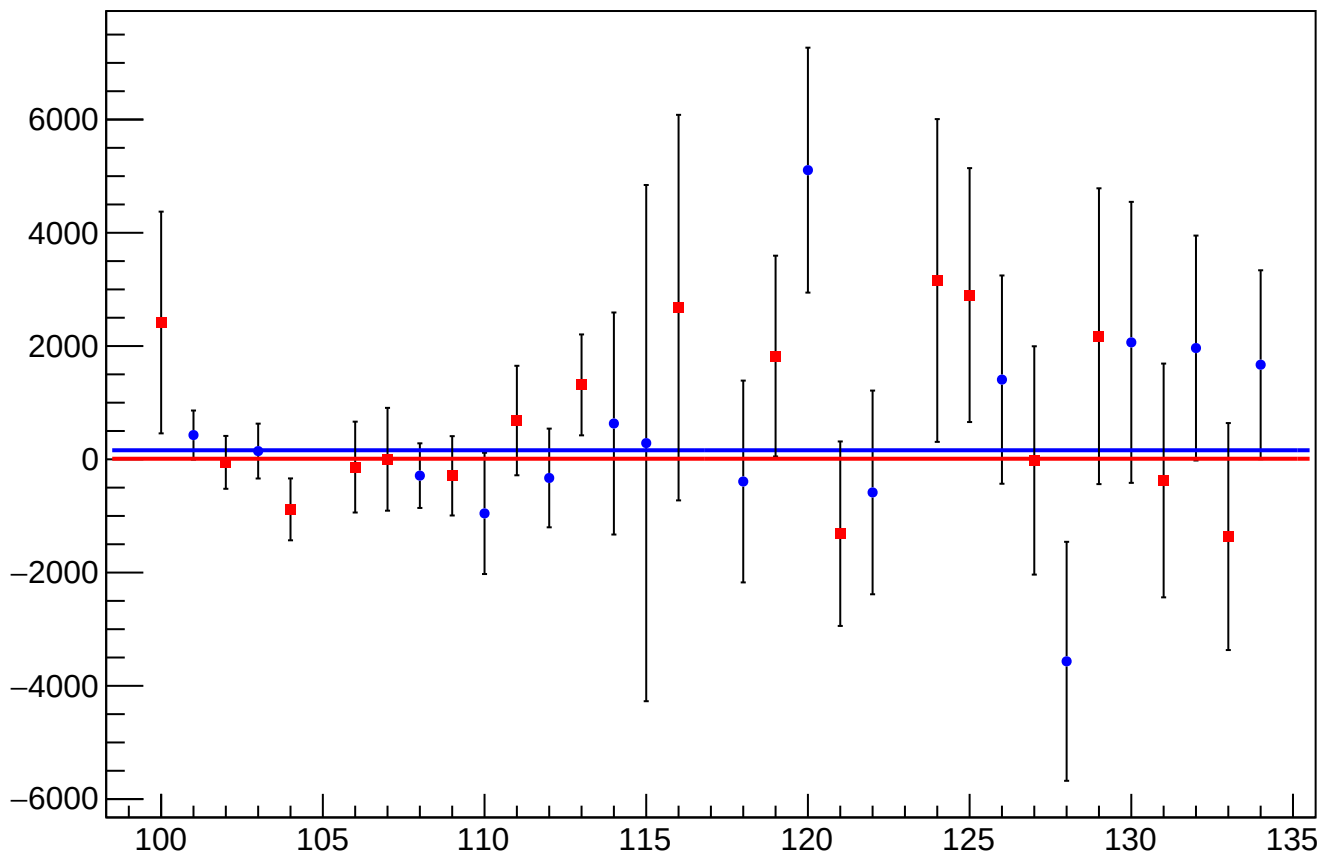
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 104.353 $\pm$ 0.021 χ^2 /NDF: 1127930.4/31

- sign 0.000 $\pm$ 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: 9.984 $\pm$ 240.341 χ^2 /NDF: 13.4/16

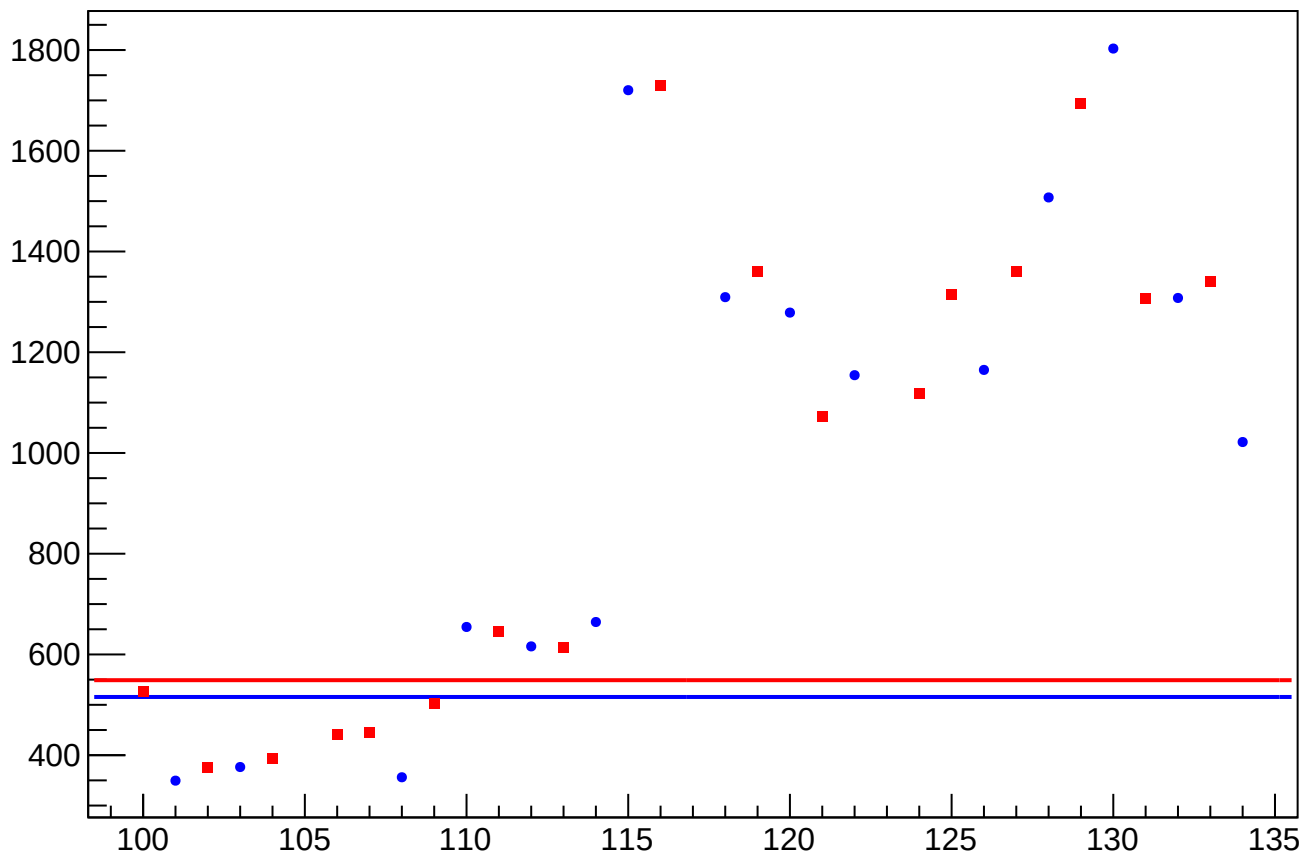
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 84.934 $\pm$ 169.988 χ^2 /NDF: 27.4/31

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

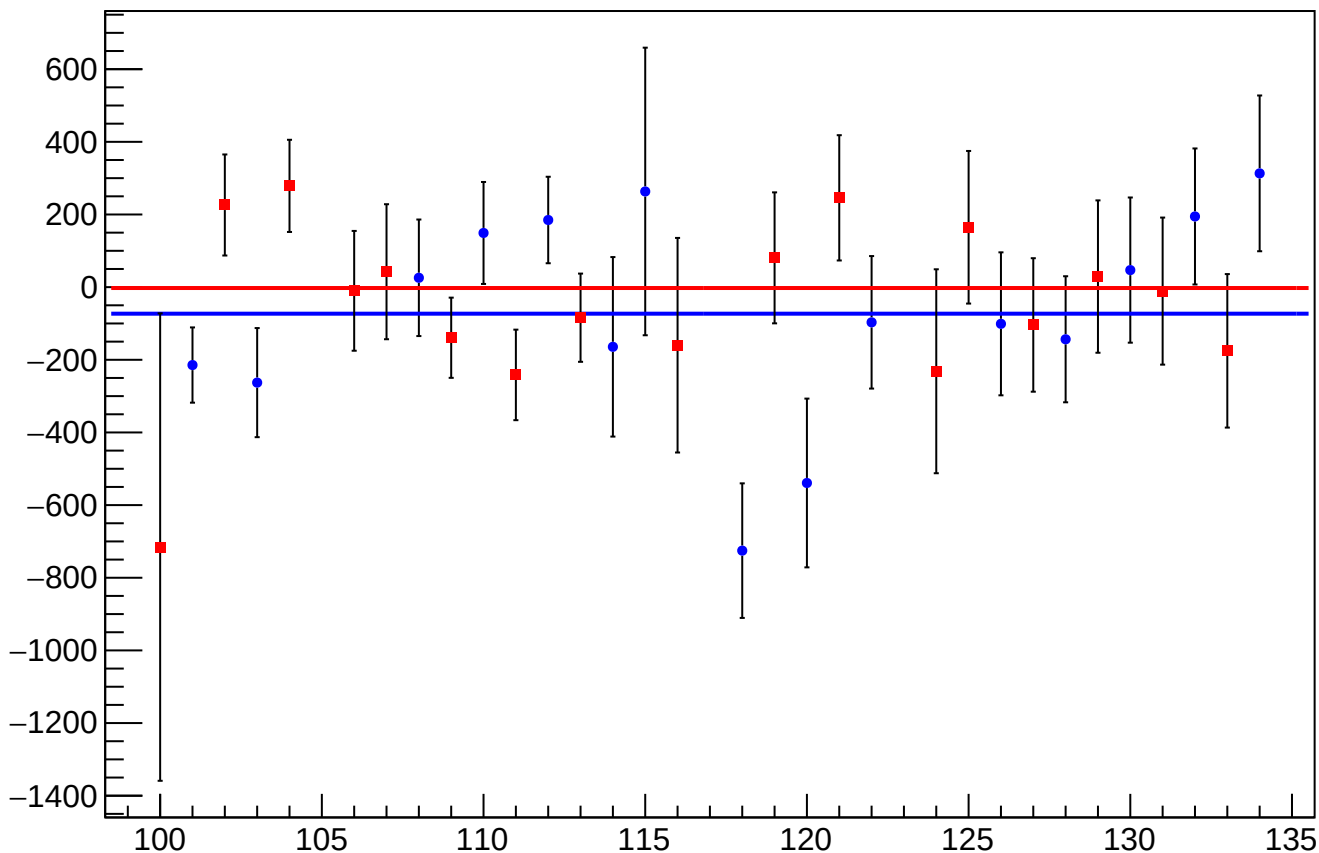
Right Out: 548.908+/-0.170 χ^2/NDF : 3010323.5/16

All: 532.250+/-0.120 χ^2/NDF : 6486716.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -2.417 ± 40.601 χ^2/NDF : 19.4/16

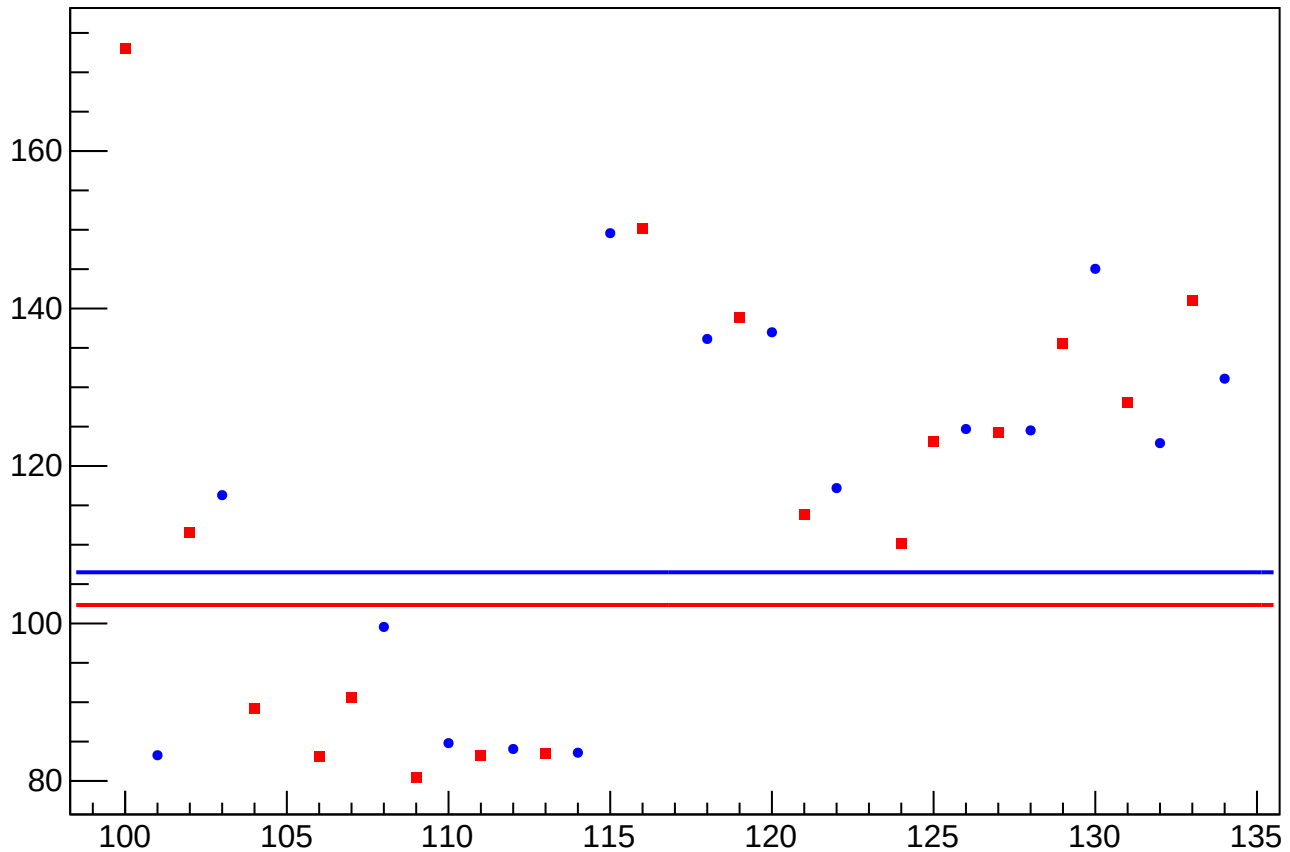
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.450 ± 29.628 χ^2/NDF : 55.0/31

- 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: 102.347 $\pm$ 0.029 χ^2 /NDF: 605918.4/16

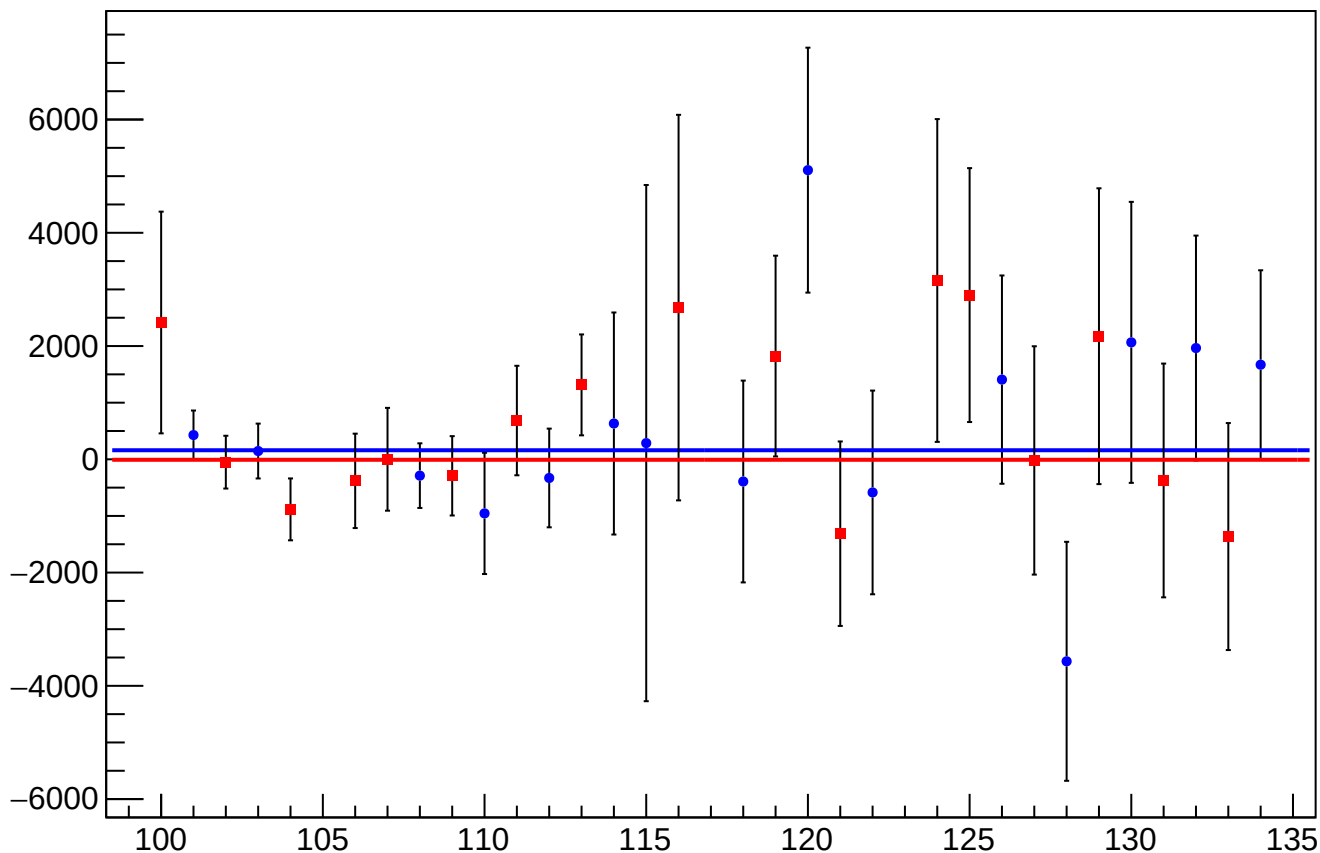
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 104.289 $\pm$ 0.021 χ^2 /NDF: 1135578.8/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_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: -8.529+/-241.036 χ^2/NDF : 13.6/16

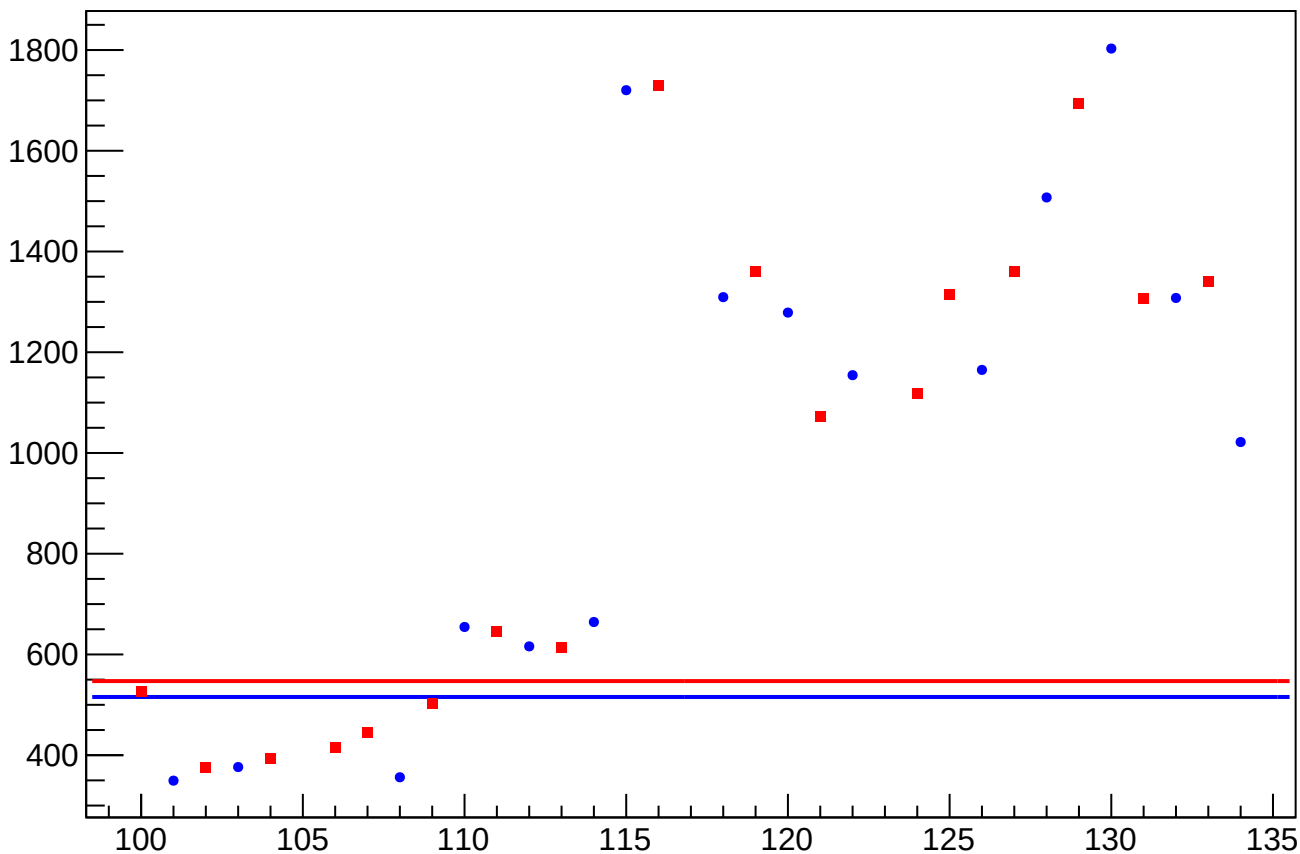
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.999+/-170.231 χ^2/NDF : 27.6/31

- sign 0.000+/-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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

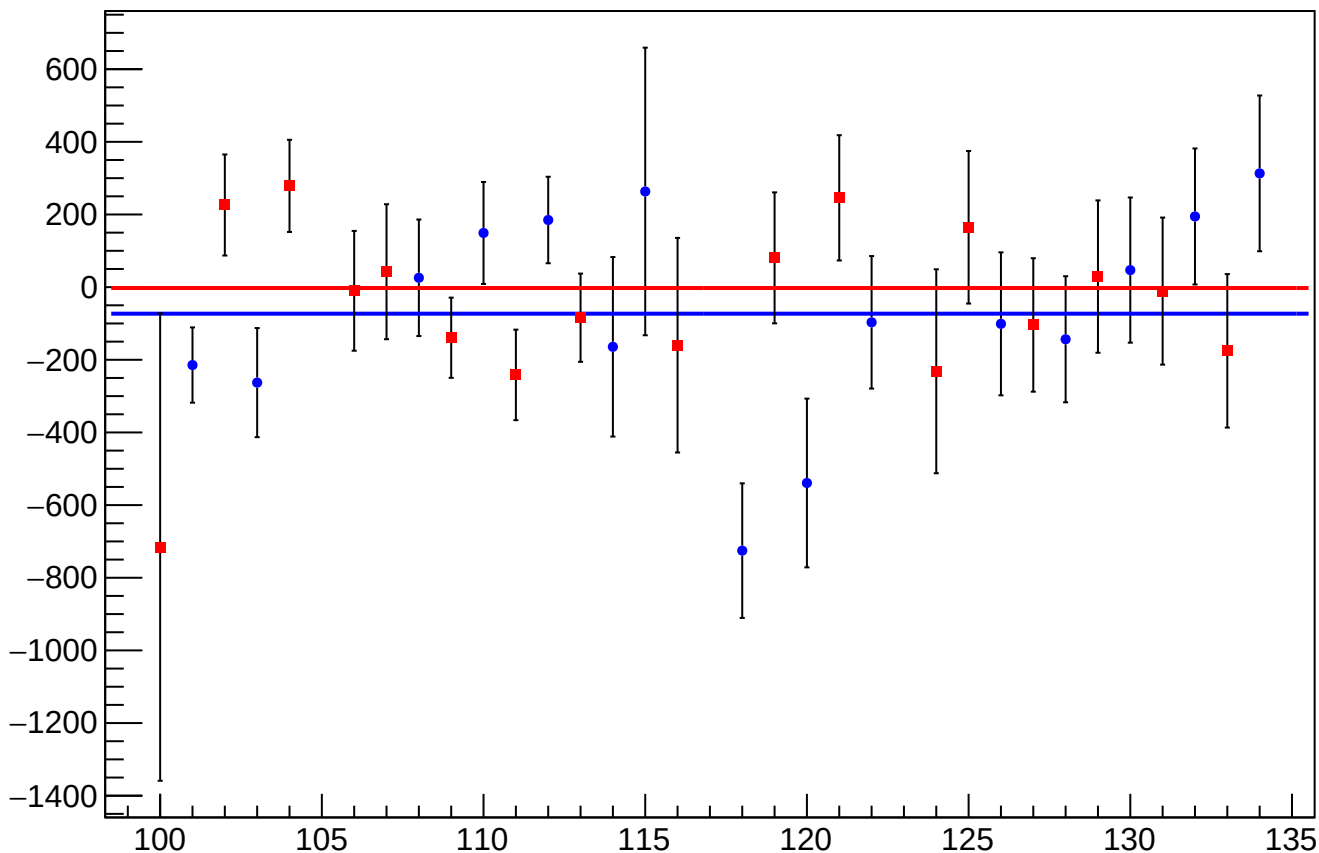
Right Out: 547.138+/-0.170 χ^2/NDF : 3028376.0/16

All: 531.307+/-0.120 χ^2/NDF : 6502924.8/31

- 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_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: -2.417 ± 40.601 χ^2/NDF : 19.4/16

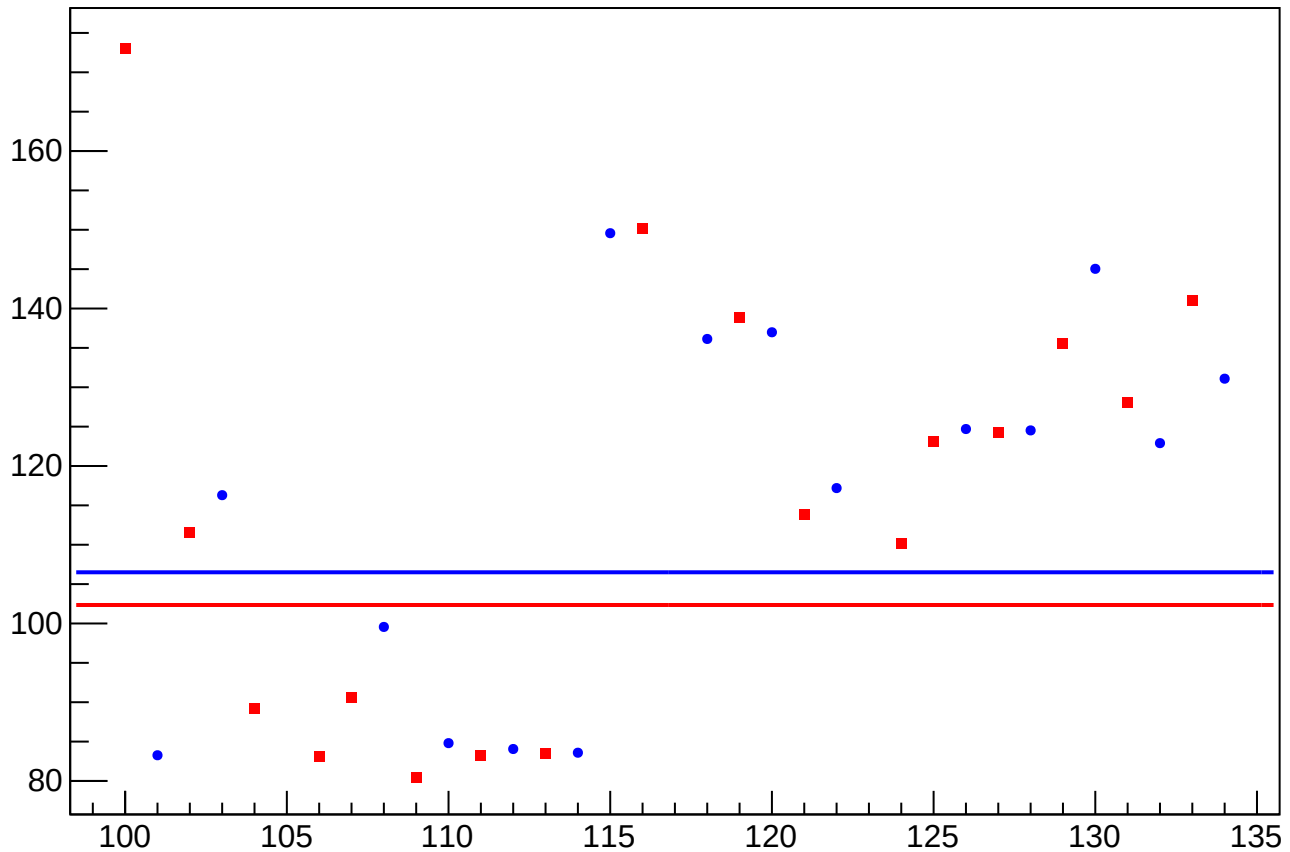
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.450 ± 29.628 χ^2/NDF : 55.0/31

- sign 0.000 ± 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: 102.347 $\pm$ 0.029 χ^2 /NDF: 605918.4/16

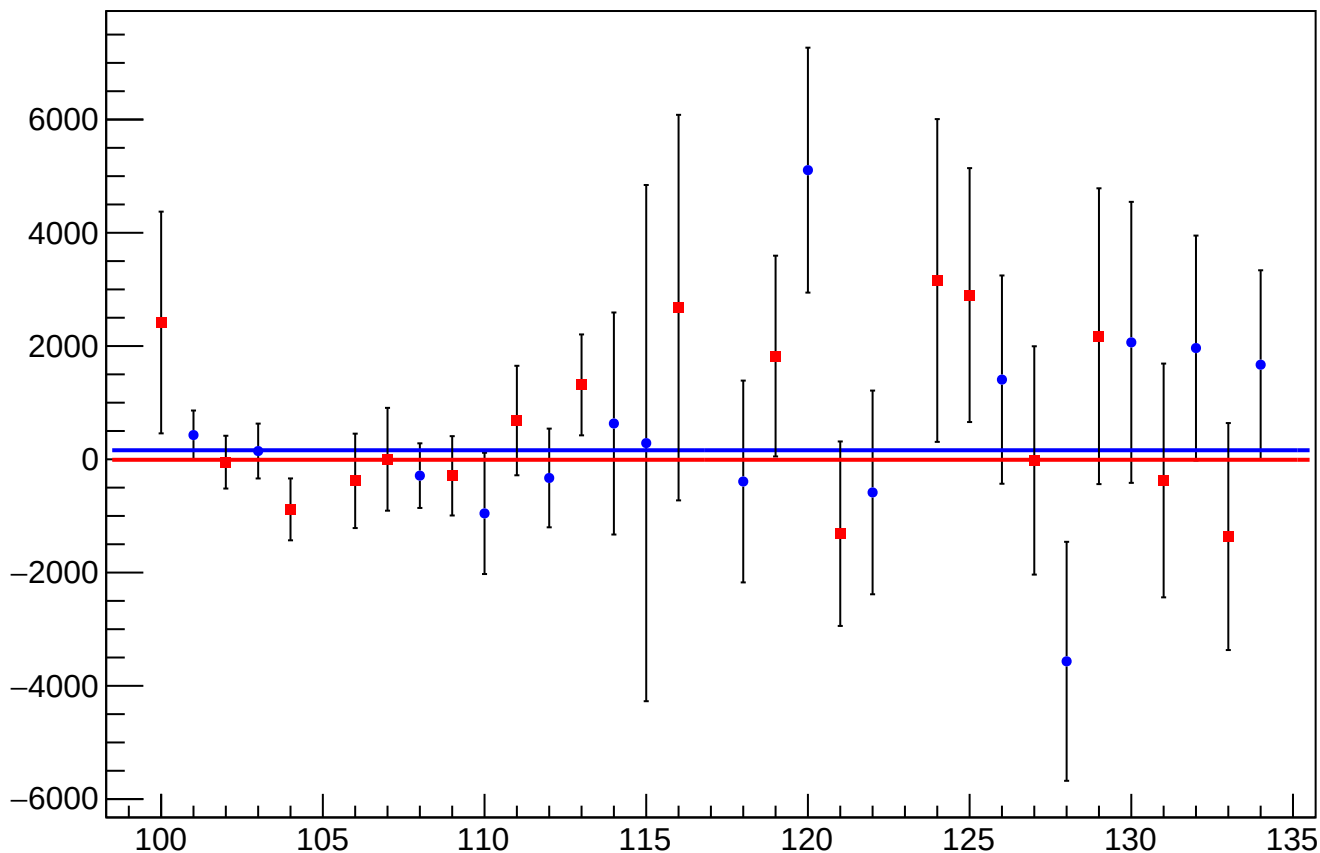
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 104.289 $\pm$ 0.021 χ^2 /NDF: 1135578.8/31

- 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: -8.529+/-241.036 χ^2/NDF : 13.6/16

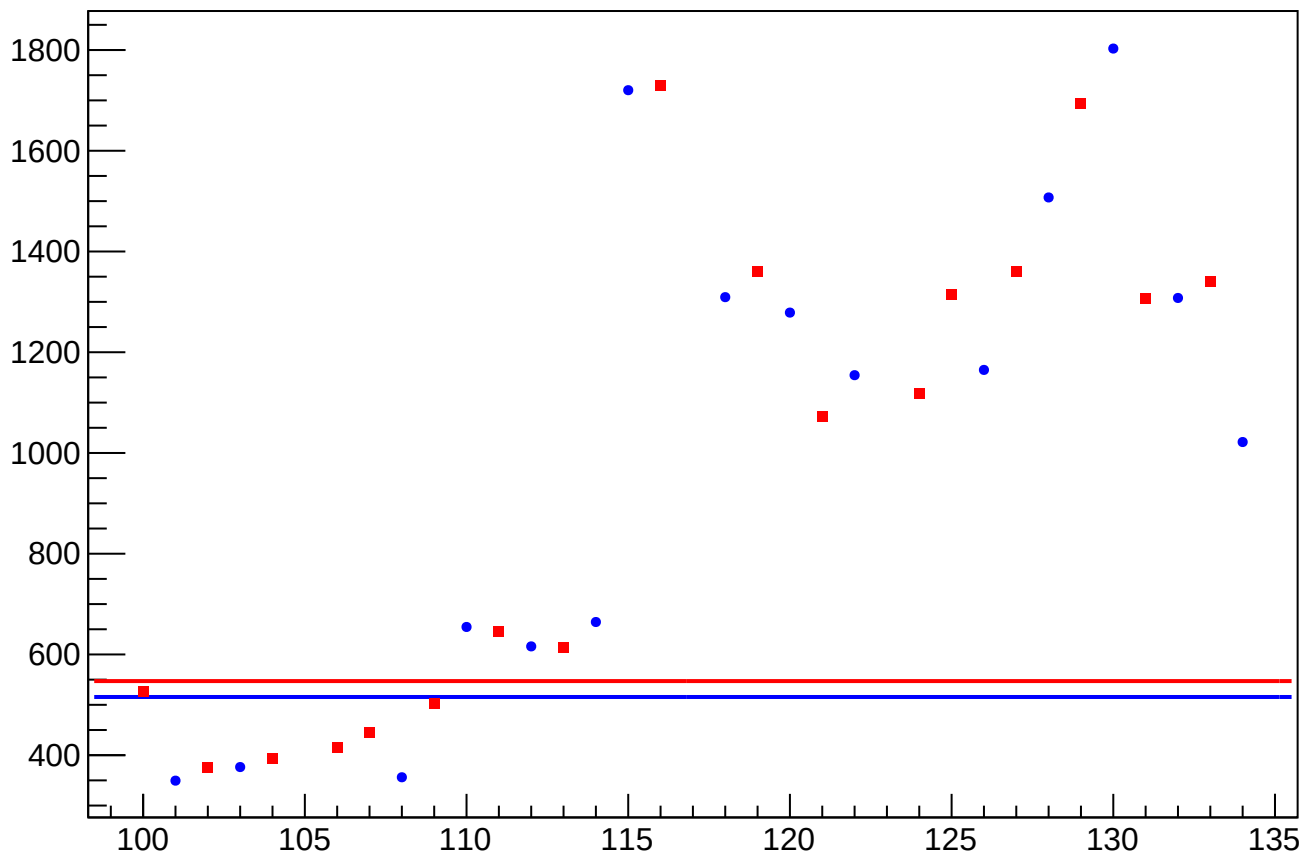
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.999+/-170.231 χ^2/NDF : 27.6/31

- 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

Right Out: 547.138+/-0.170 χ^2/NDF : 3028376.0/16

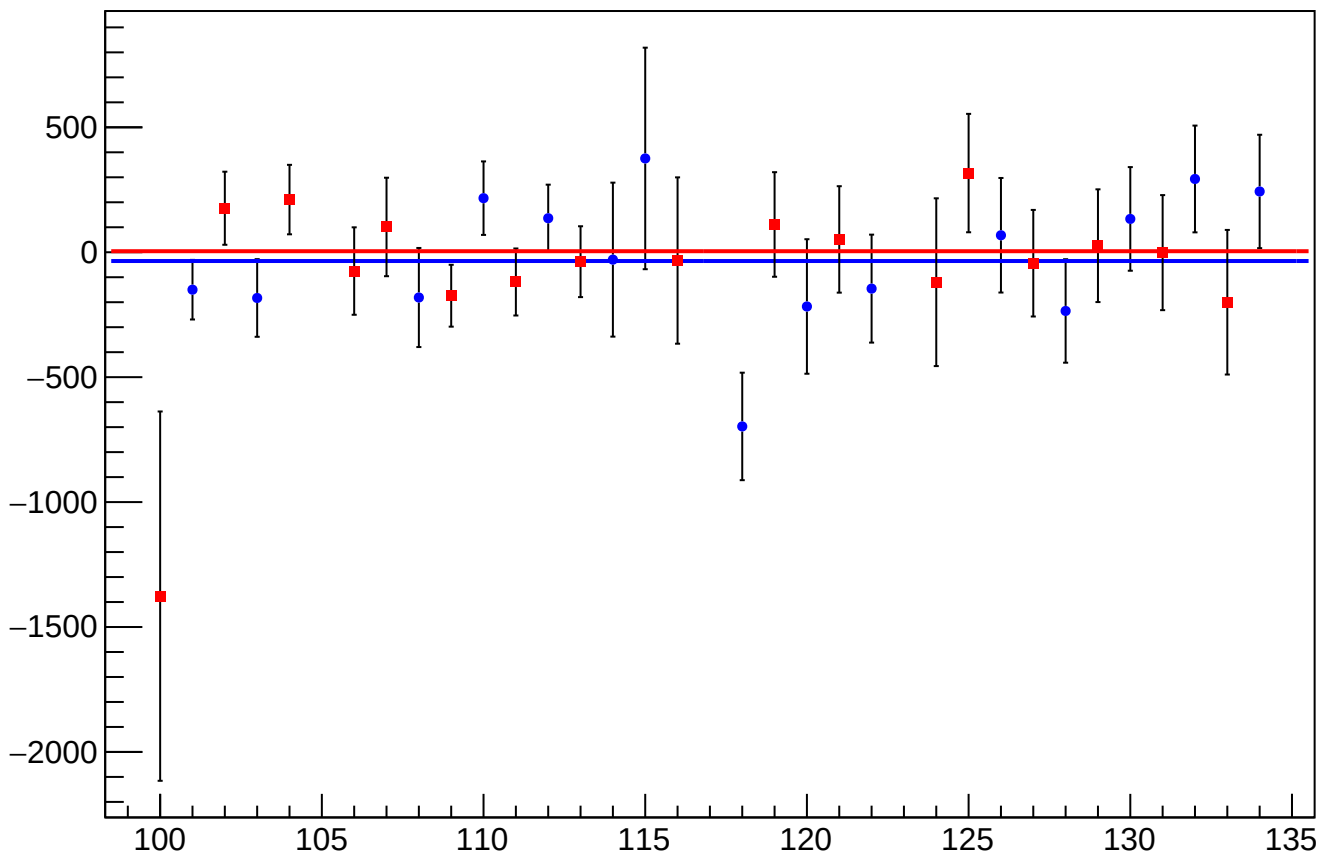
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 531.307+/-0.120 χ^2/NDF : 6502924.8/31

- sign 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: 4.136 ± 45.536 χ^2/NDF : 13.3/16

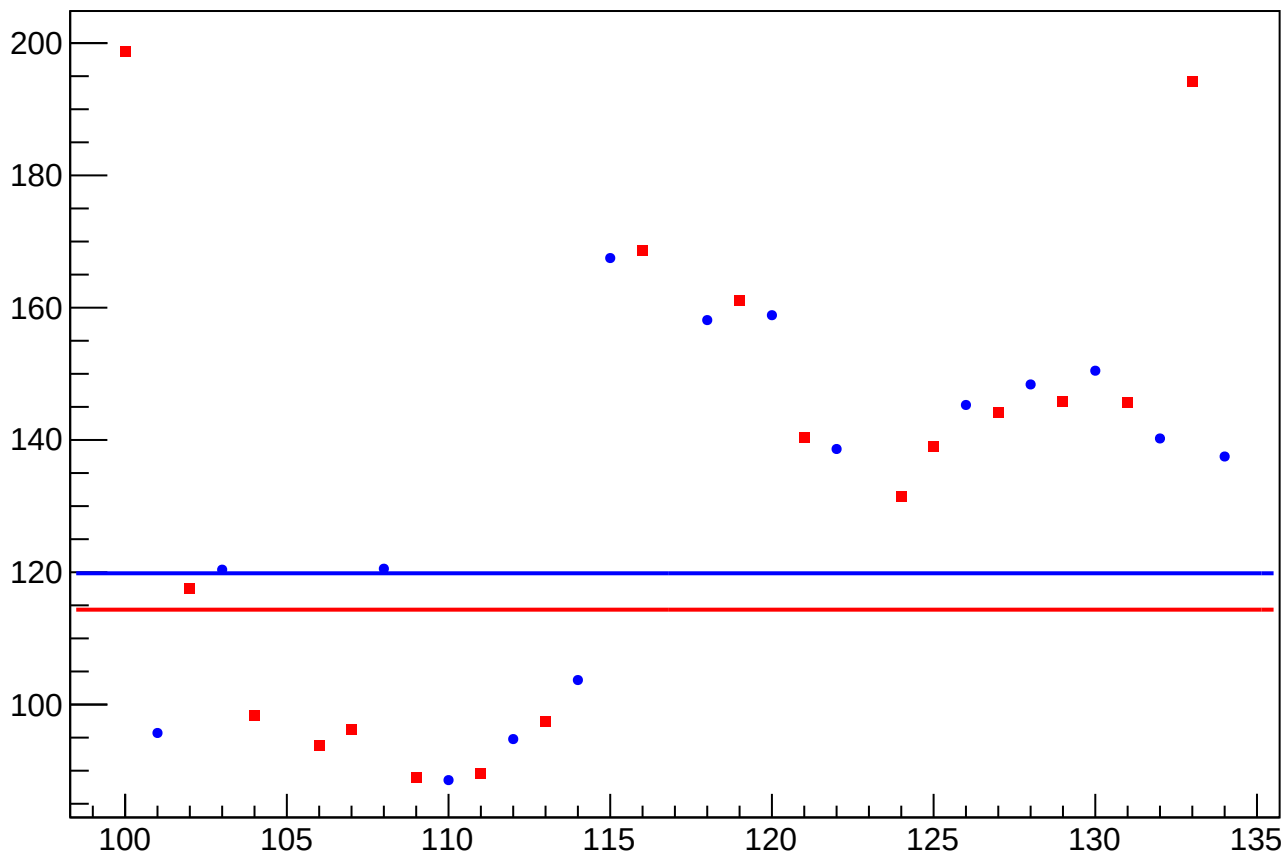
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.097 ± 33.325 χ^2/NDF : 37.3/31

- 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: 114.344 $\pm$ 0.032 χ^2 /NDF: 755561.8/16

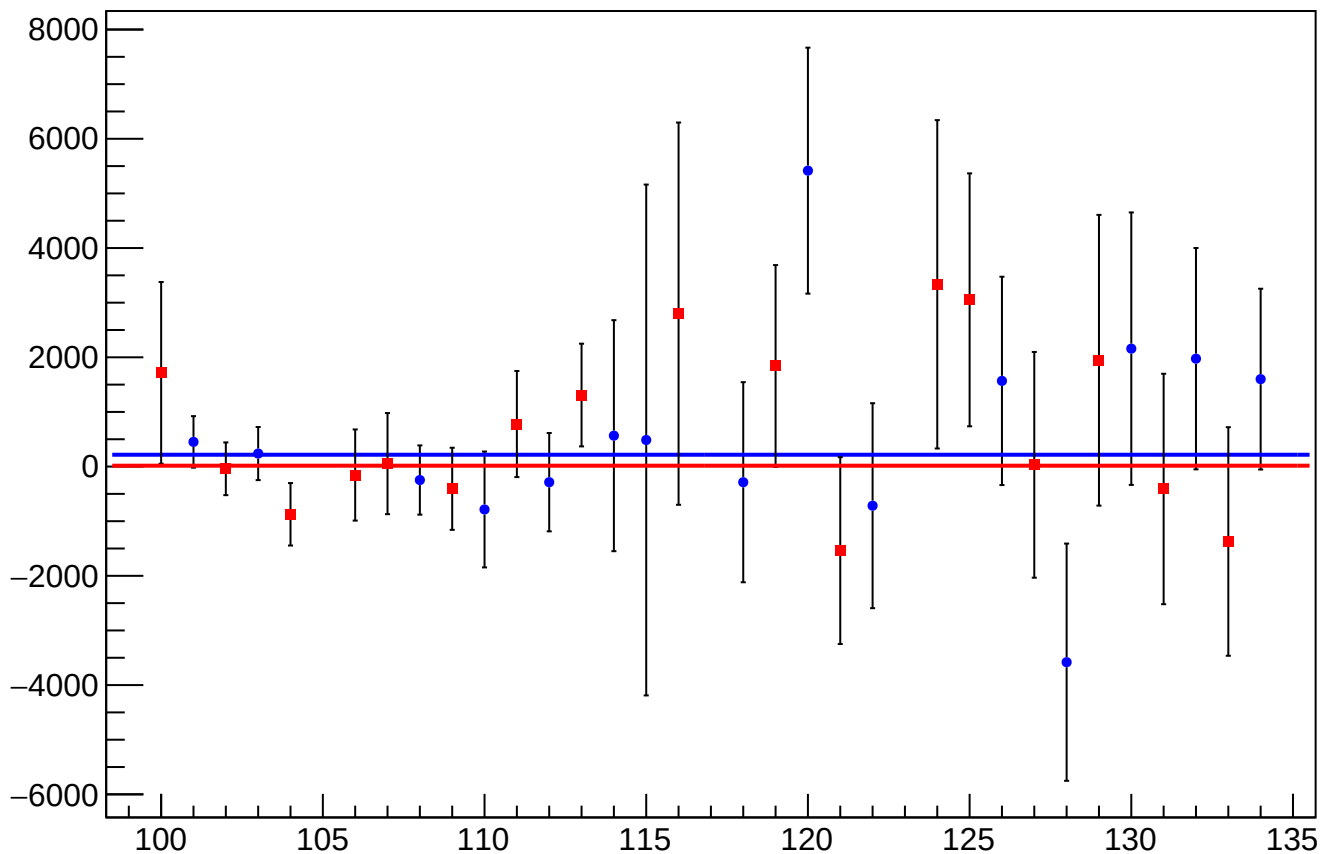
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 116.899 $\pm$ 0.024 χ^2 /NDF: 1296799.2/31

- 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: 15.907+/-249.036 χ^2/NDF : 12.7/16

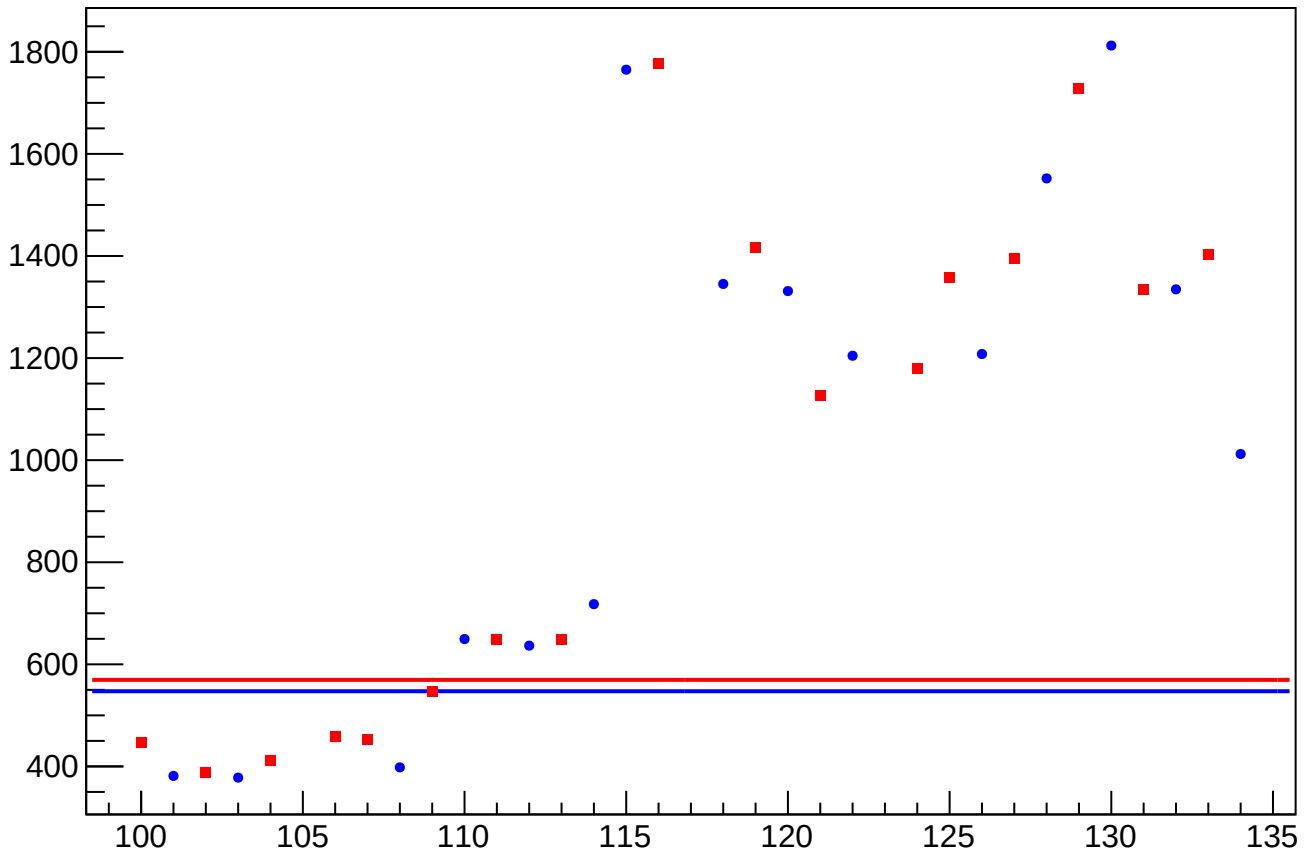
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.677+/-177.402 χ^2/NDF : 26.3/31

- 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

Right Out: 569.544+/-0.176 χ^2/NDF : 3008190.3/16

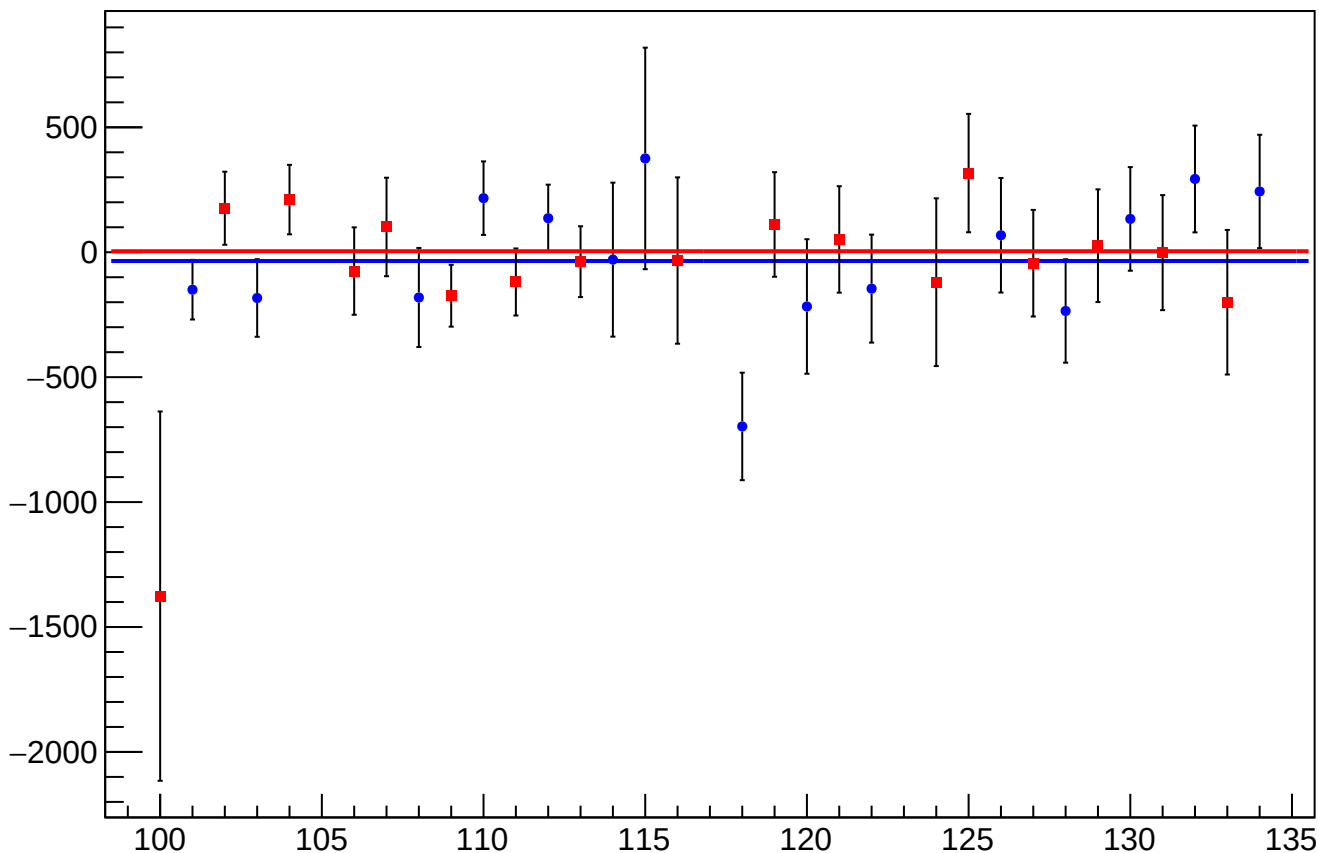
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 558.586+/-0.125 χ^2/NDF : 6314335.2/31

- sign 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: 4.134 ± 45.536 χ^2/NDF : 13.3/16

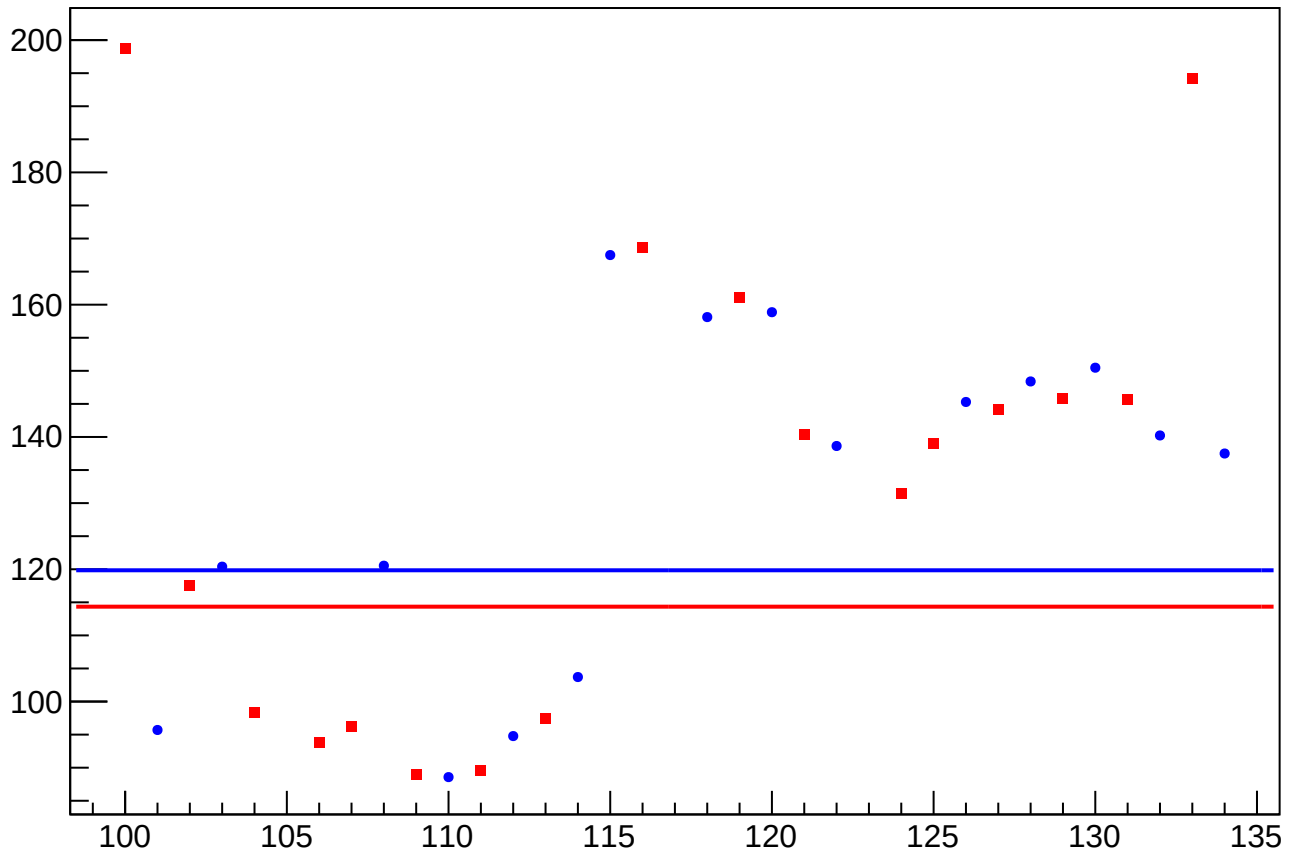
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.099 ± 33.325 χ^2/NDF : 37.3/31

- 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: 114.344 $\pm$ 0.032 χ^2 /NDF: 755560.6/16

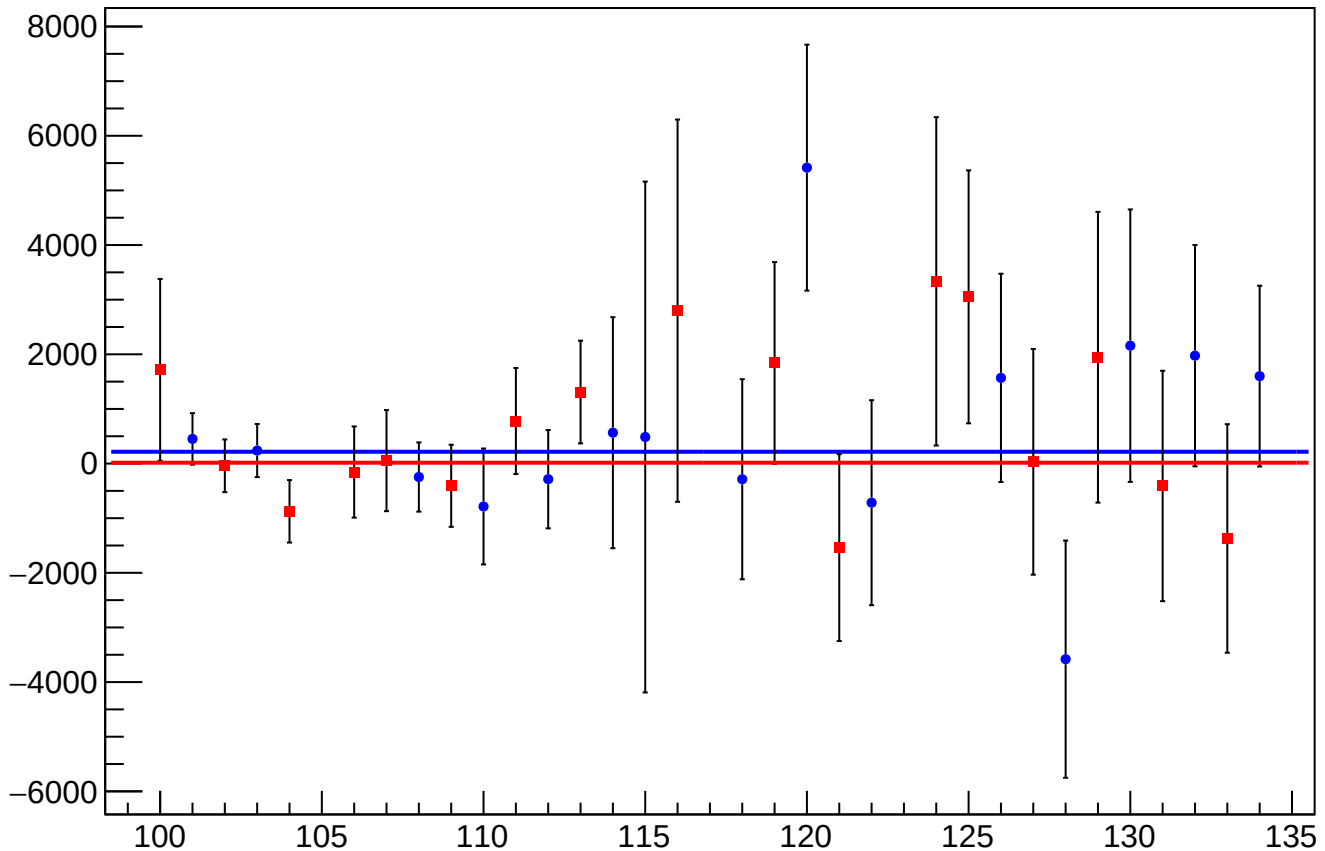
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 116.899 $\pm$ 0.024 χ^2 /NDF: 1296800.8/31

- 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: 15.906 $\pm$ 249.036 χ^2 /NDF: 12.7/16

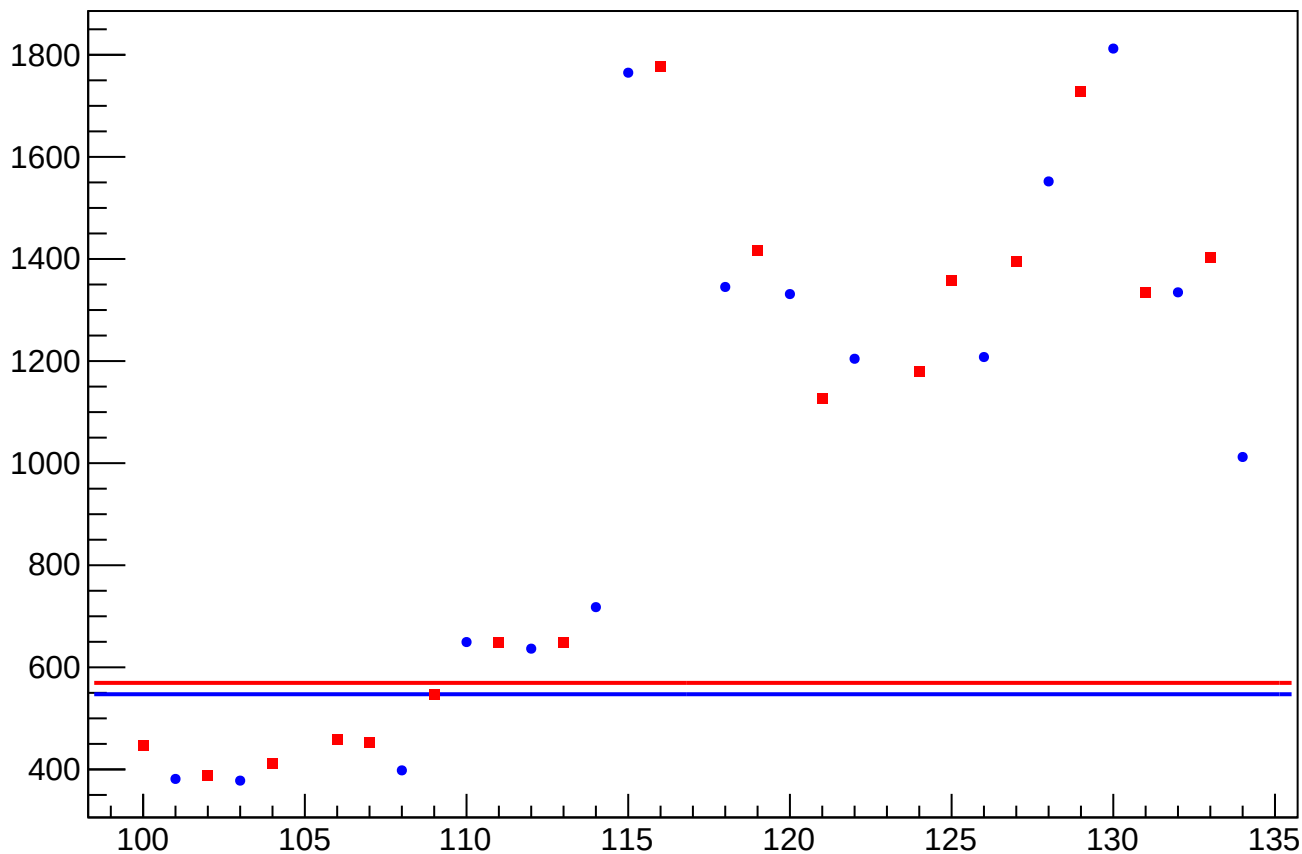
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 114.676 $\pm$ 177.402 χ^2 /NDF: 26.3/31

- 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: 569.544+/-0.176 χ^2/NDF : 3008190.6/16

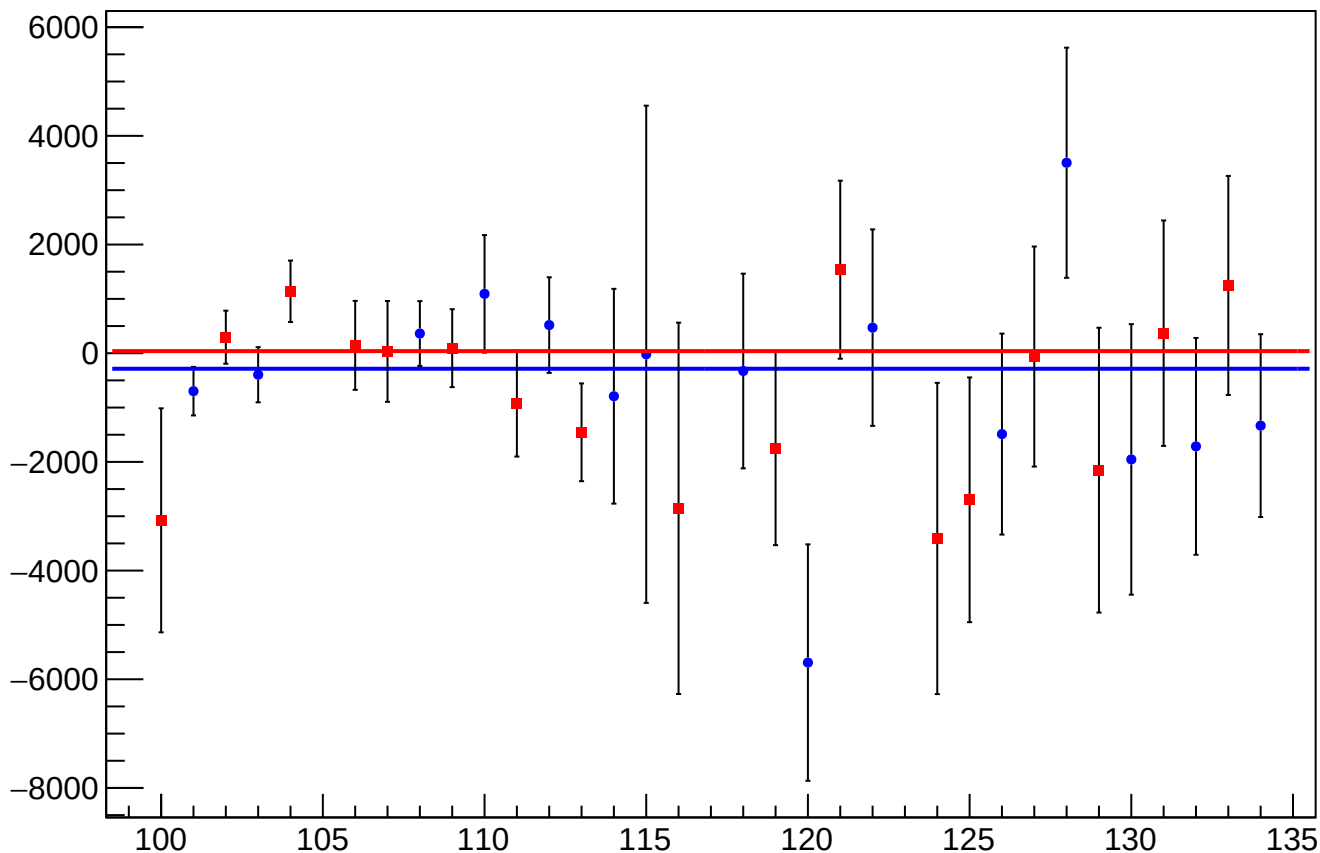
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 558.585+/-0.125 χ^2/NDF : 6314340.1/31

- 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: 38.741 ± 246.896 χ^2/NDF : 16.7/16

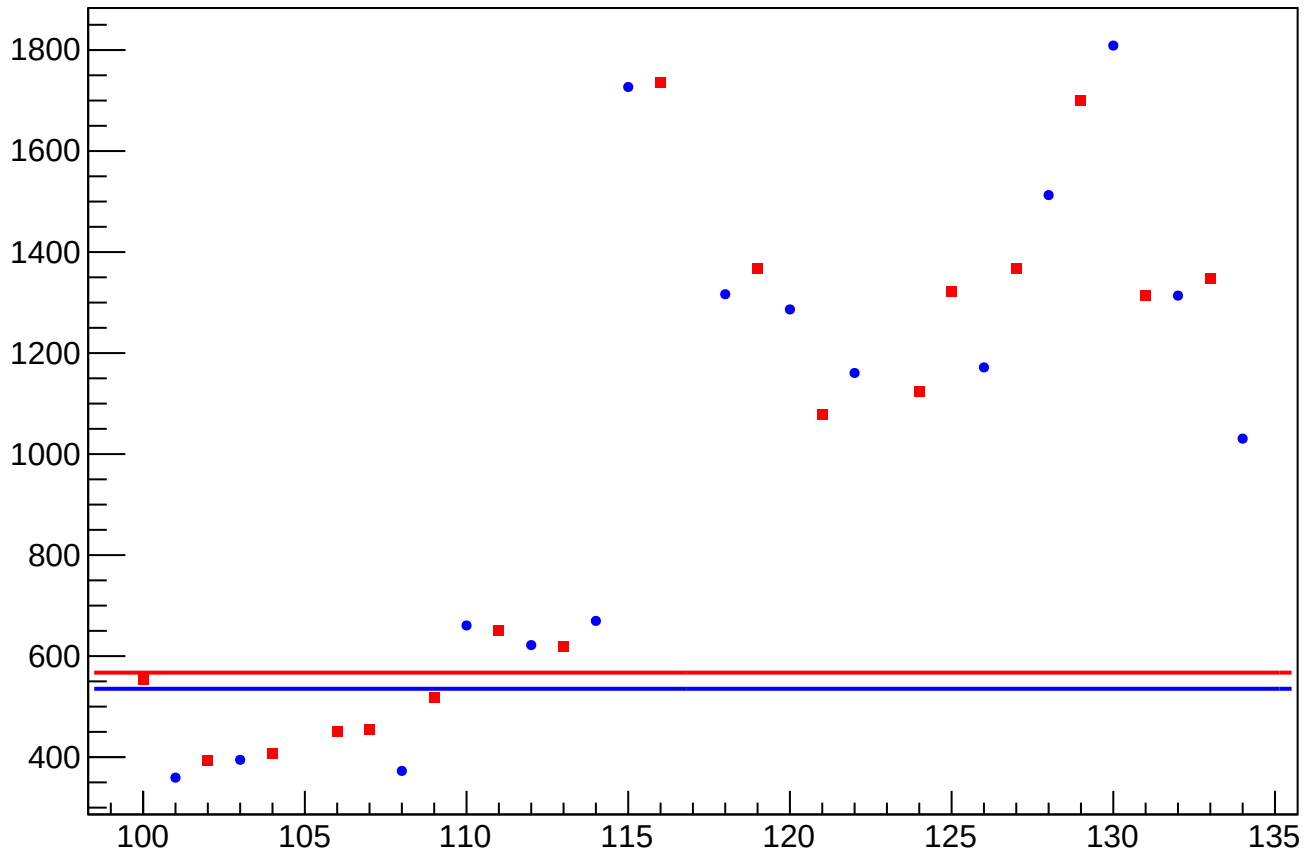
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -122.721 ± 174.965 χ^2/NDF : 33.5/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam6_rms vs Slug



Right In: 535.332 ± 0.175 $\chi^2/\text{NDF}: 3325627.5/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 567.309 ± 0.175 $\chi^2/\text{NDF}: 2894091.9/16$

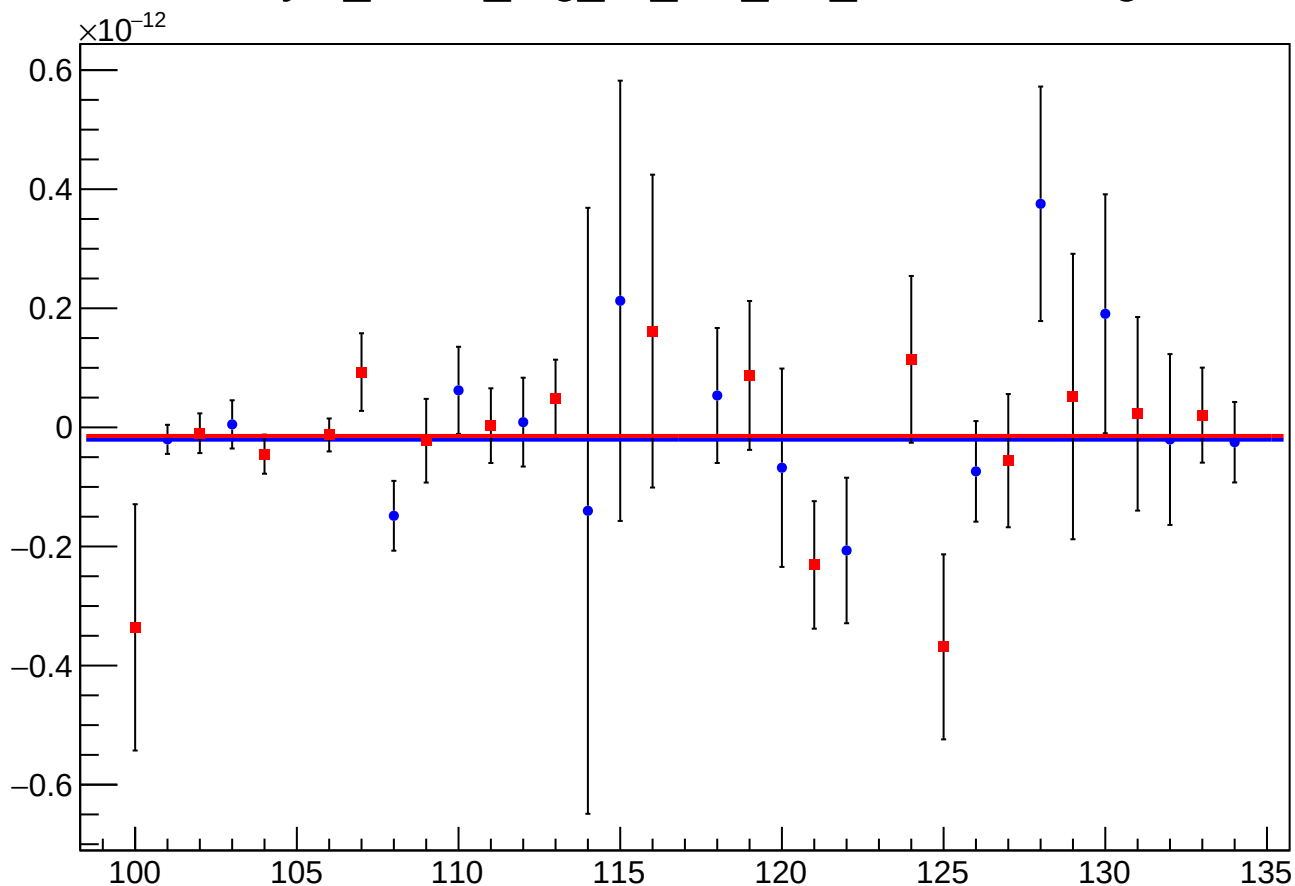
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 551.391 ± 0.124 $\chi^2/\text{NDF}: 6236419.6/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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 : 18.7/16

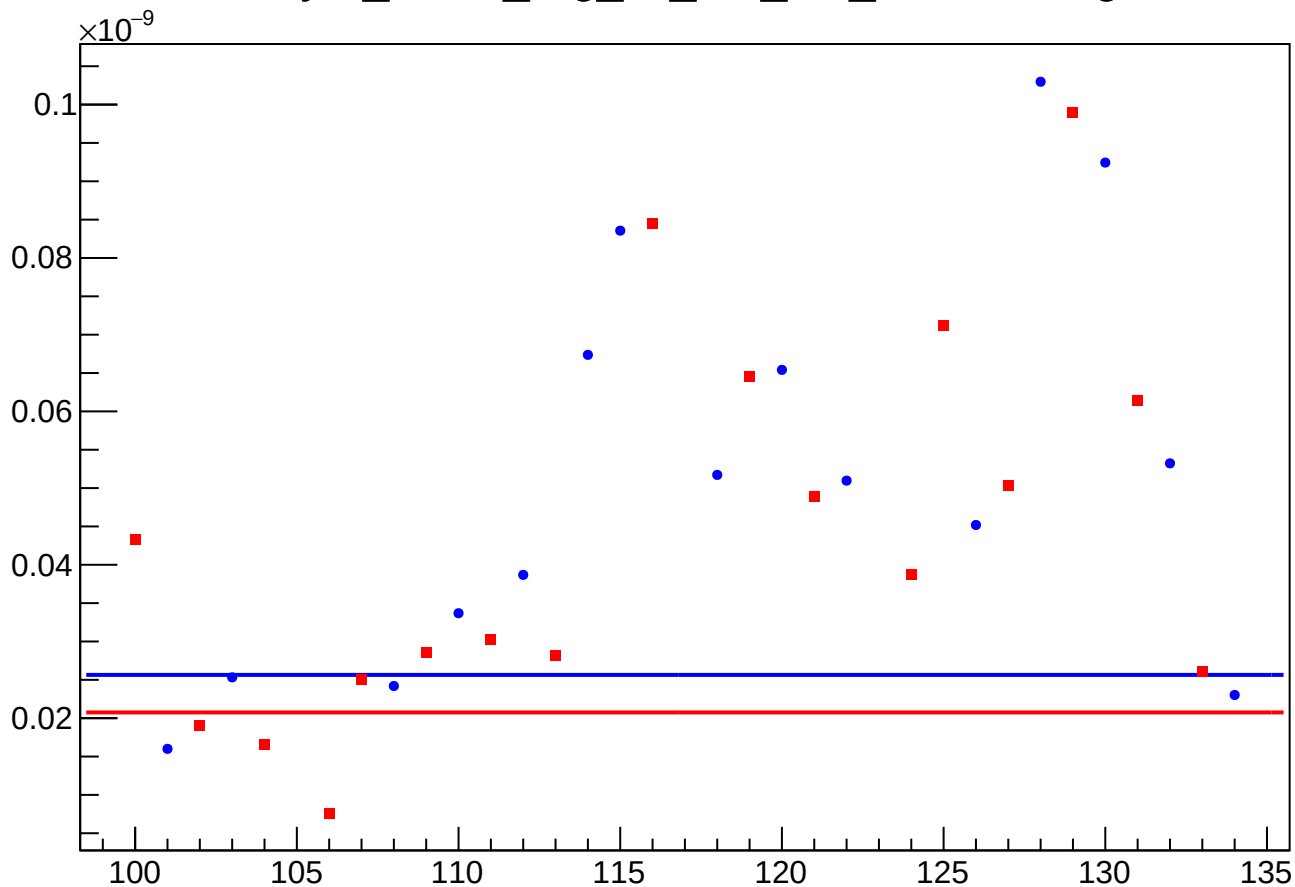
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 34.3/31

- 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 : 1855526.8/16

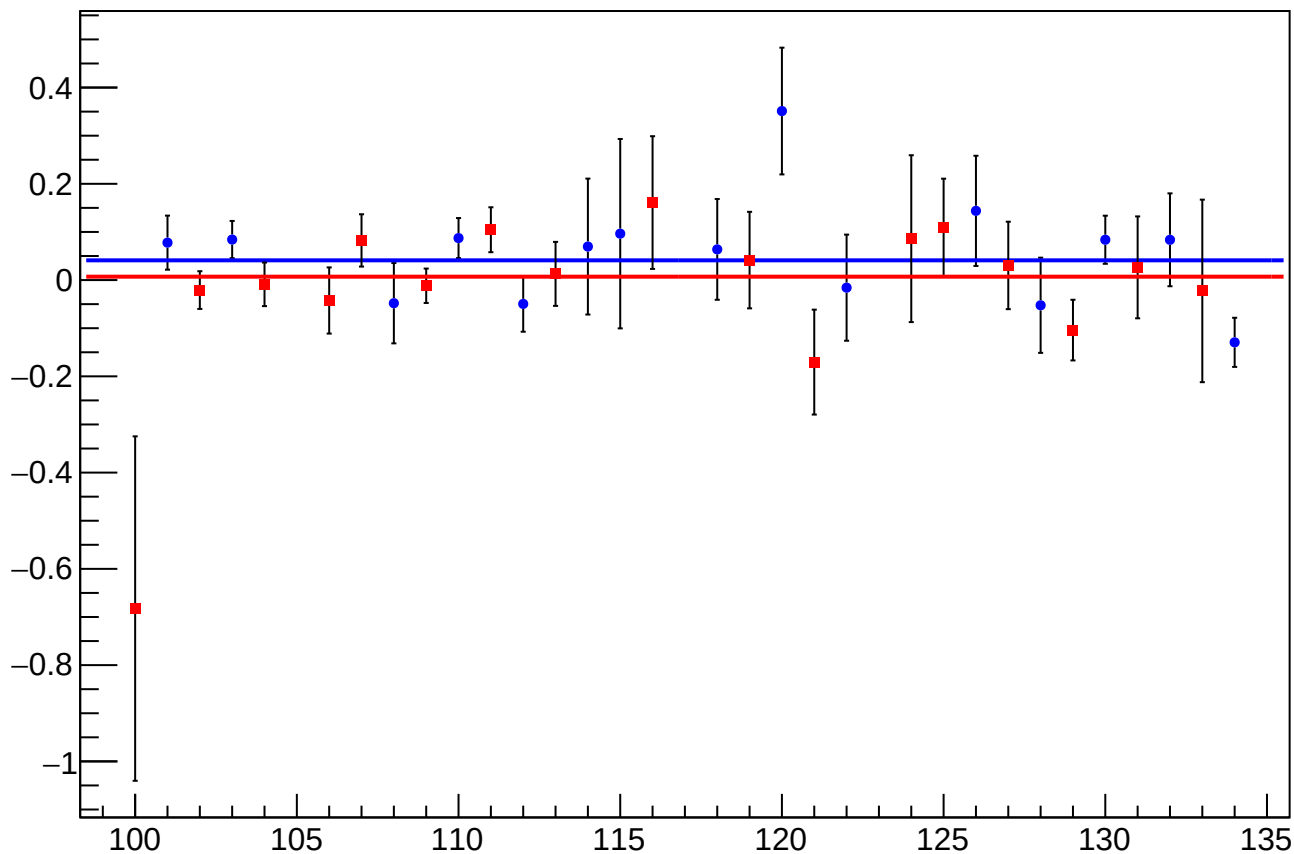
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 3432607.6/31

- 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: 0.007 $\pm$ 0.016 χ^2 /NDF: 19.9/16

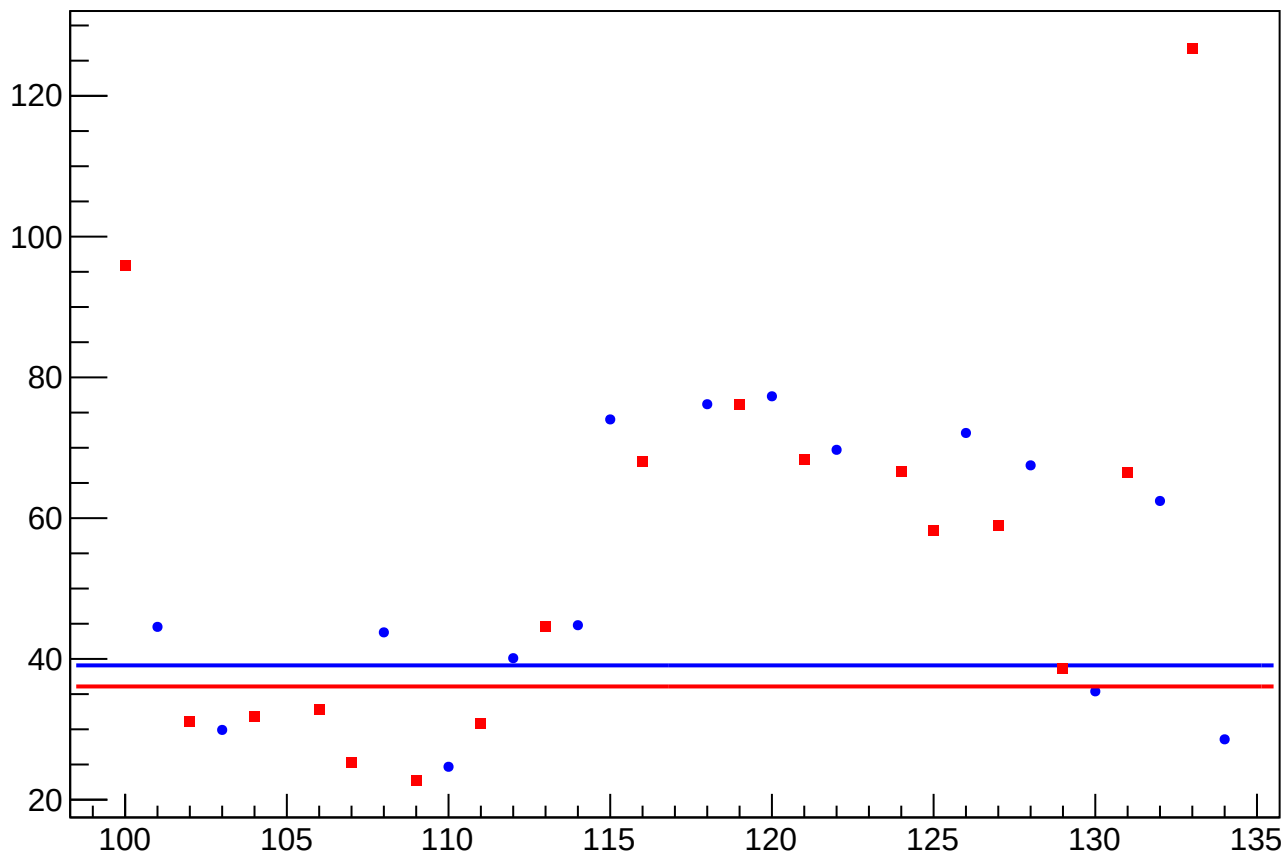
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.023 $\pm$ 0.012 χ^2 /NDF: 48.3/31

- 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: 36.088+/-0.011 χ^2/NDF : 2040926.9/16

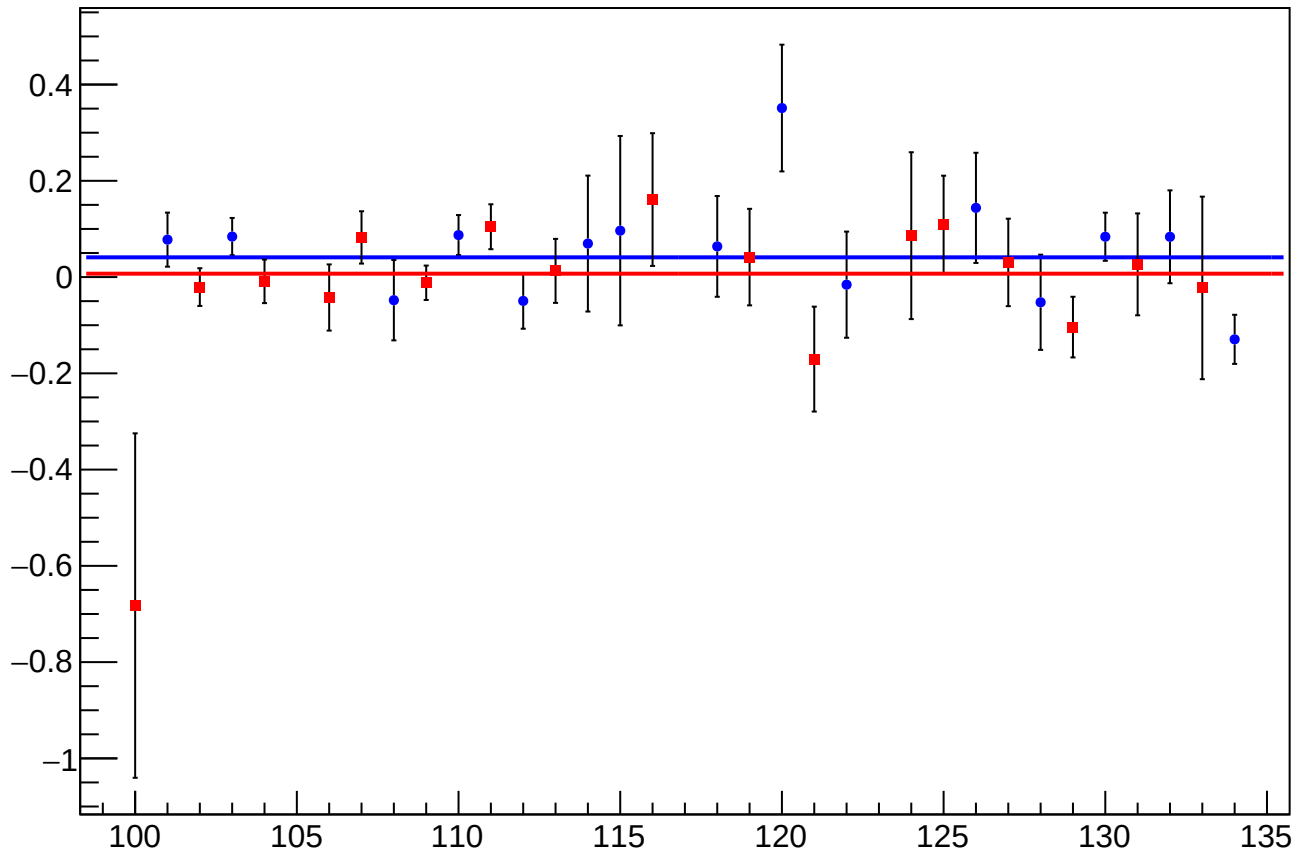
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.456+/-0.008 χ^2/NDF : 3637104.8/31

- 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 $\pm$ 0.017 χ^2 /NDF: 26.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.016 χ^2 /NDF: 19.9/16

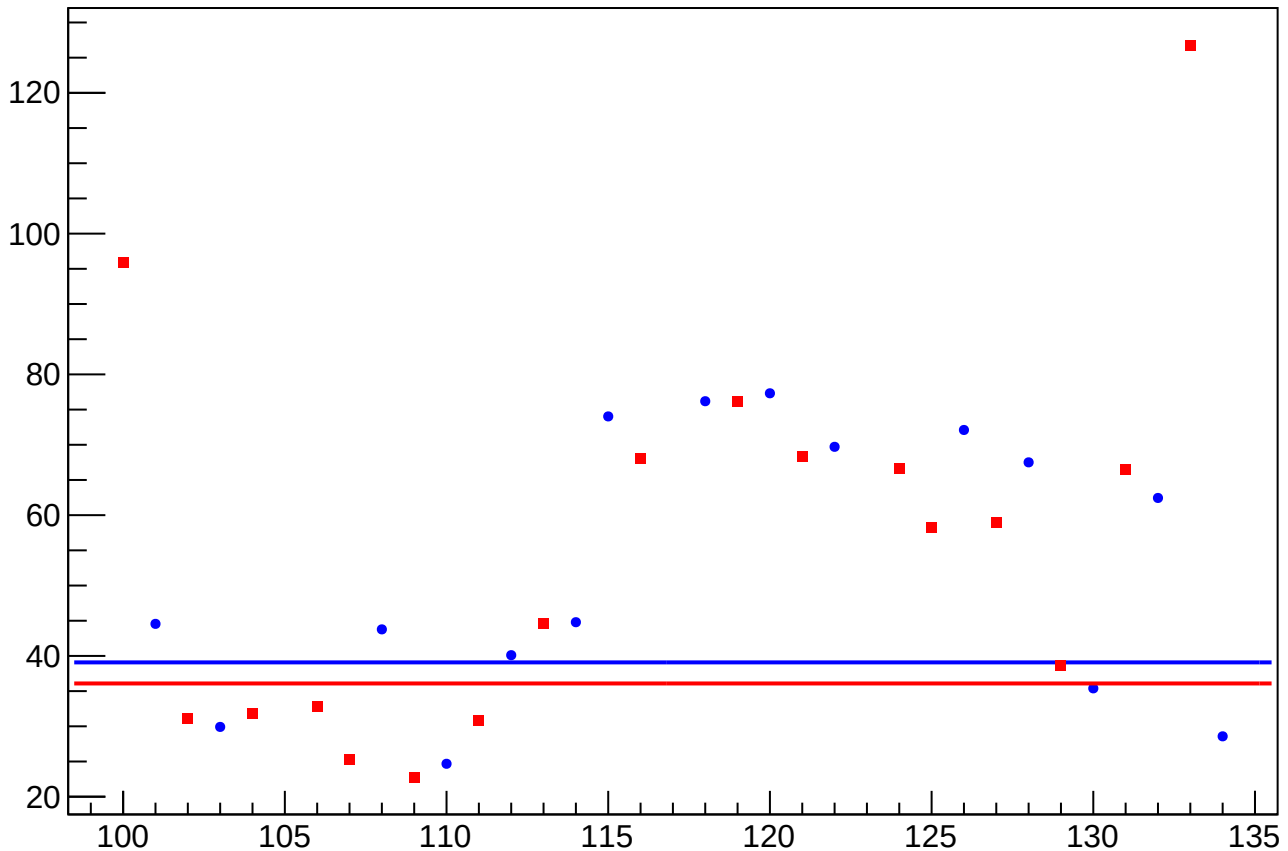
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.023 $\pm$ 0.012 χ^2 /NDF: 48.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_dit_vs_eigen_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: 36.088+/-0.011 χ^2/NDF : 2040926.9/16

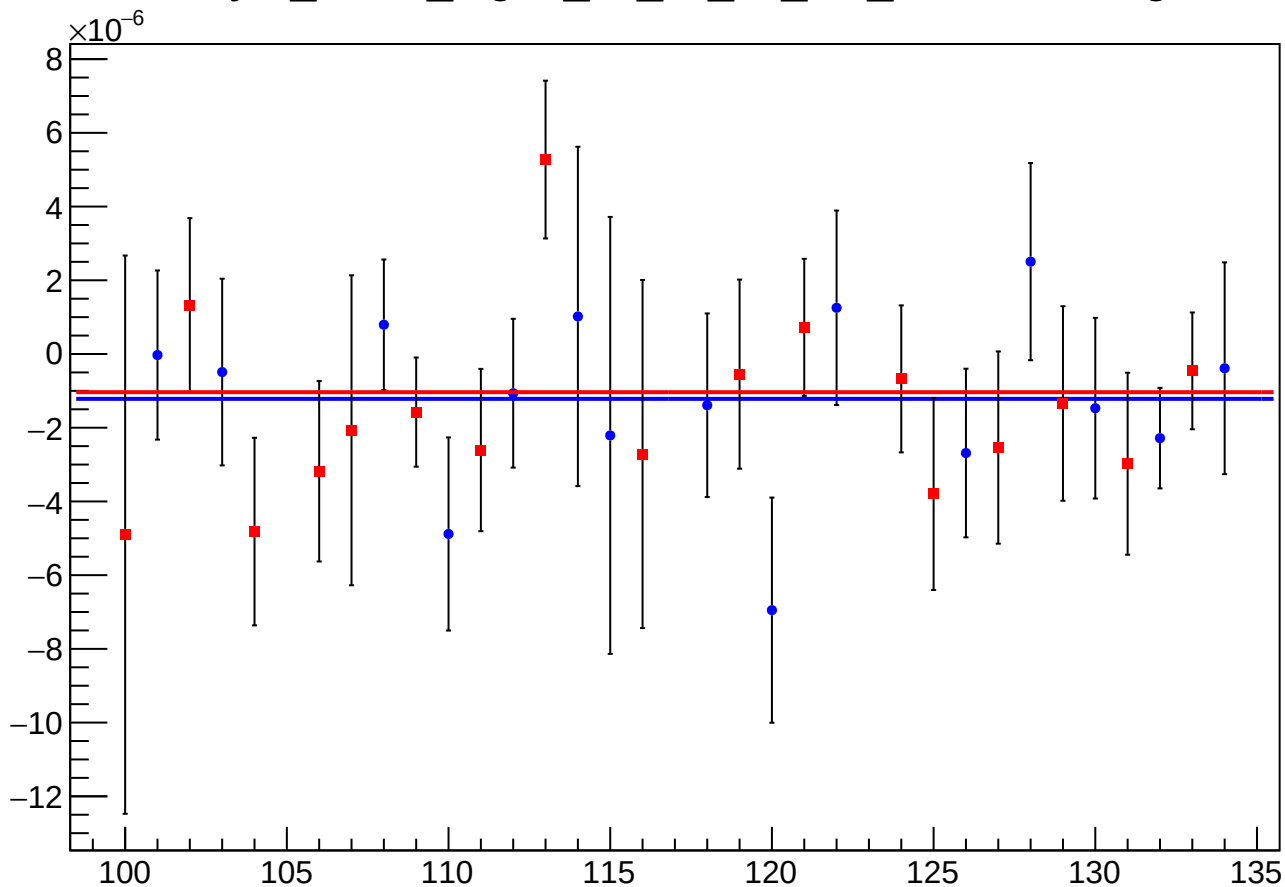
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.456+/-0.008 χ^2/NDF : 3637104.8/31

- sign 0.000+/-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 : 16.9/16

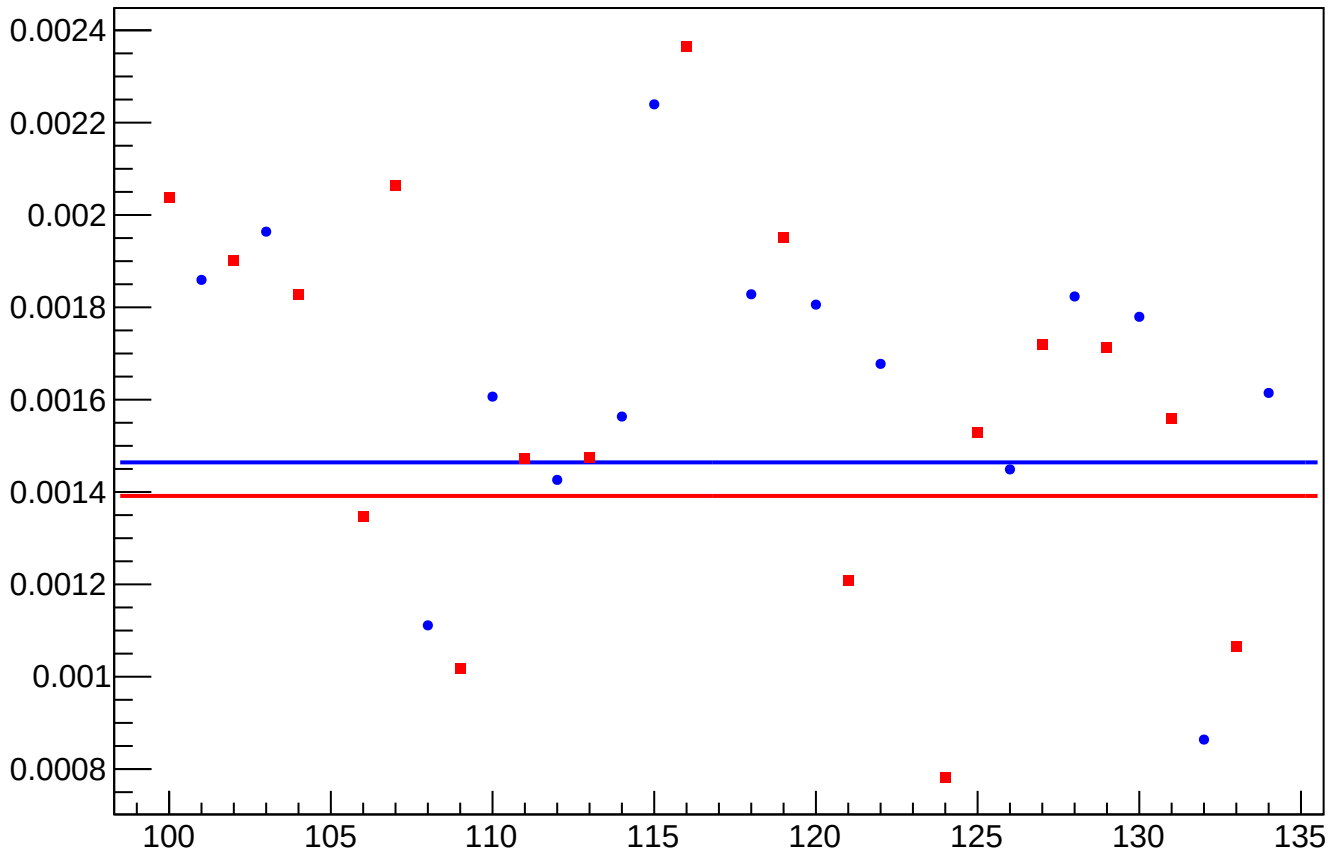
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 28.3/31

- 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 : 898292.6/16

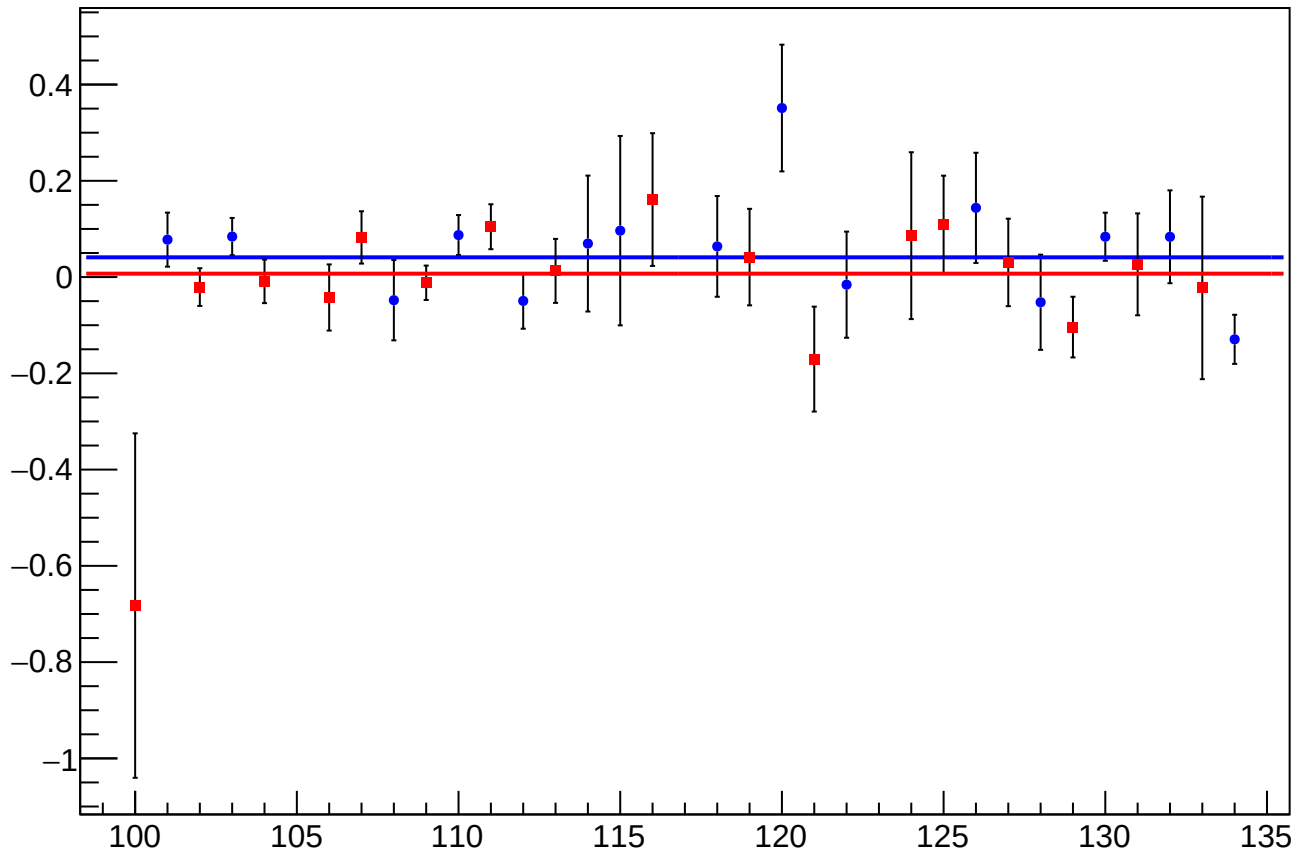
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1715163.7/31

- 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: 0.007 $\pm$ 0.016 χ^2 /NDF: 19.9/16

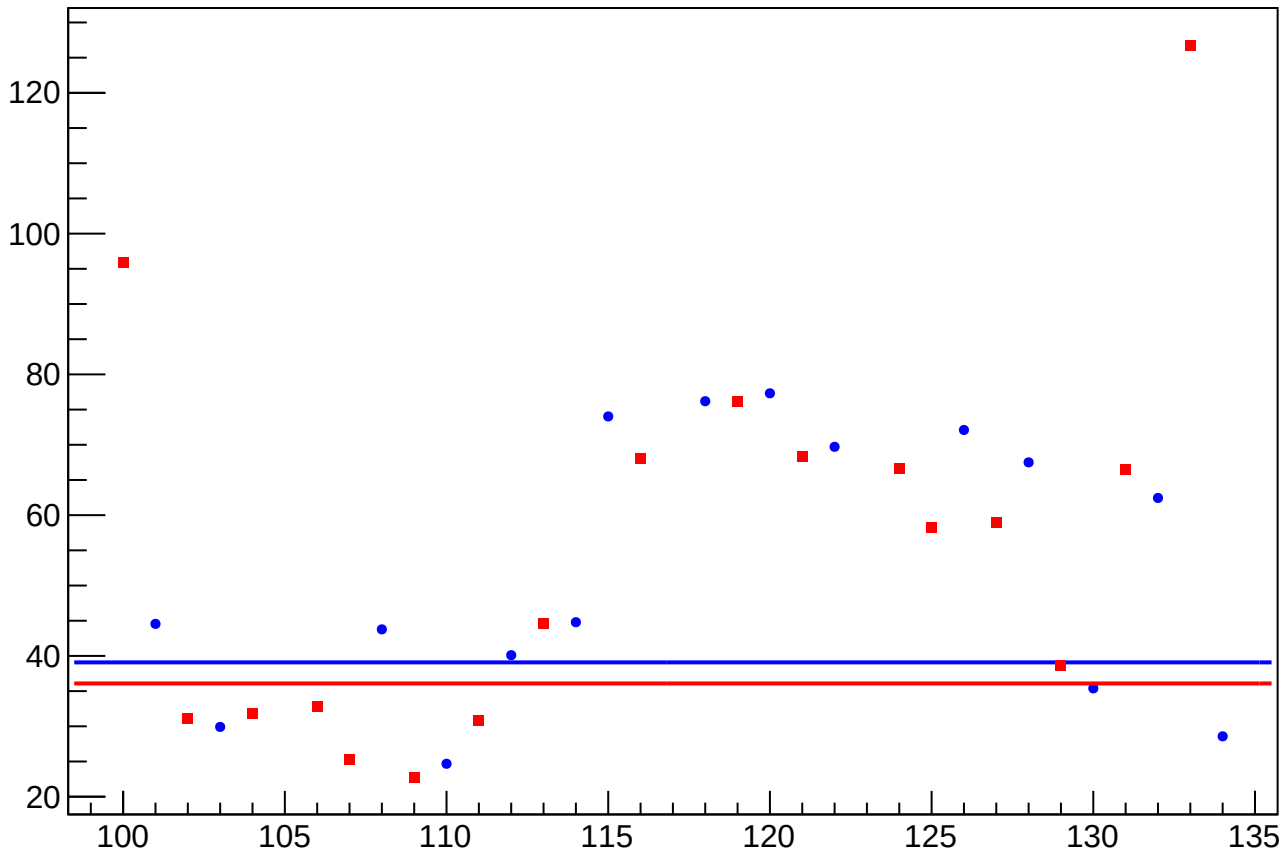
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.023 $\pm$ 0.012 χ^2 /NDF: 48.3/31

- 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+/-0.012 χ^2/NDF : 1563259.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.088+/-0.011 χ^2/NDF : 2040921.9/16

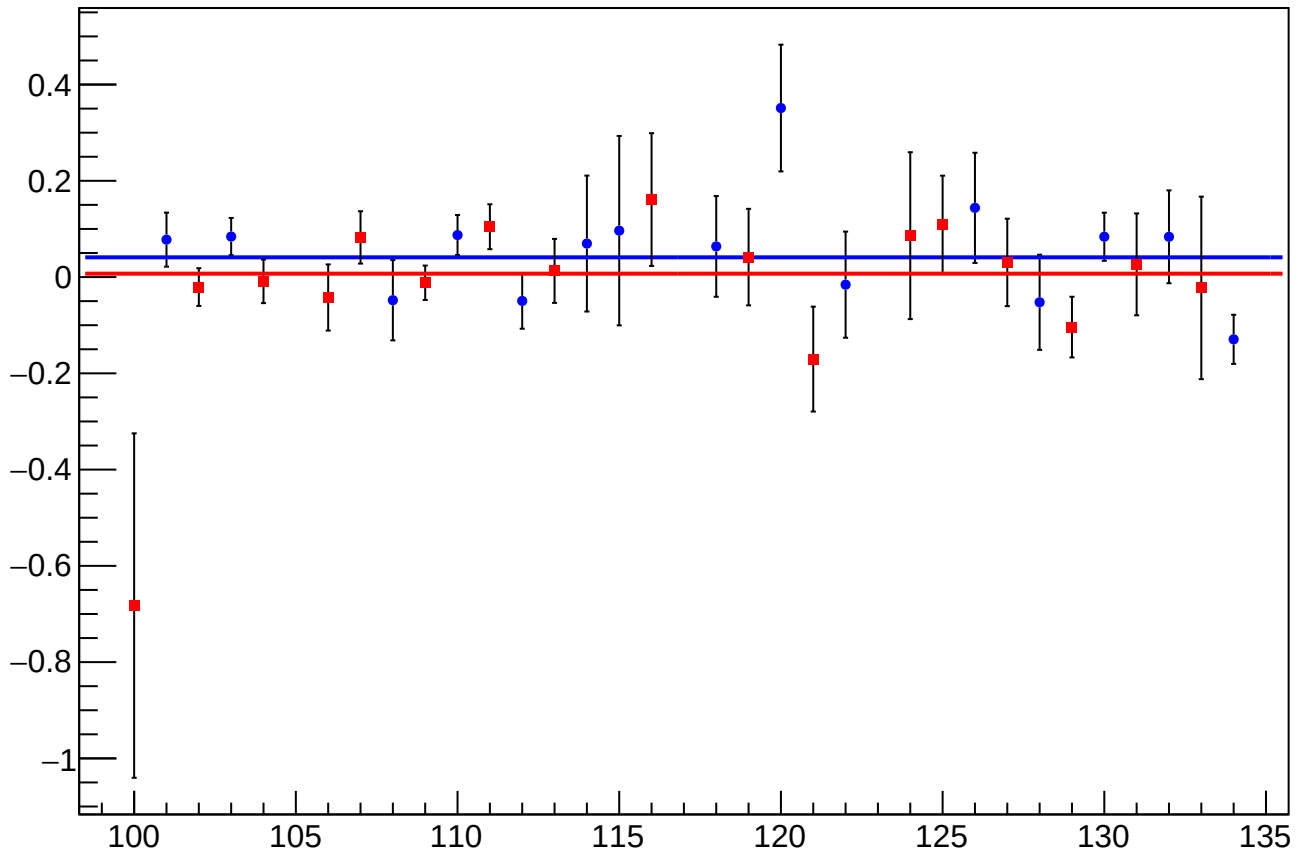
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.455+/-0.008 χ^2/NDF : 3637113.1/31

- sign 0.000+/-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: 0.007 $\pm$ 0.016 χ^2 /NDF: 19.9/16

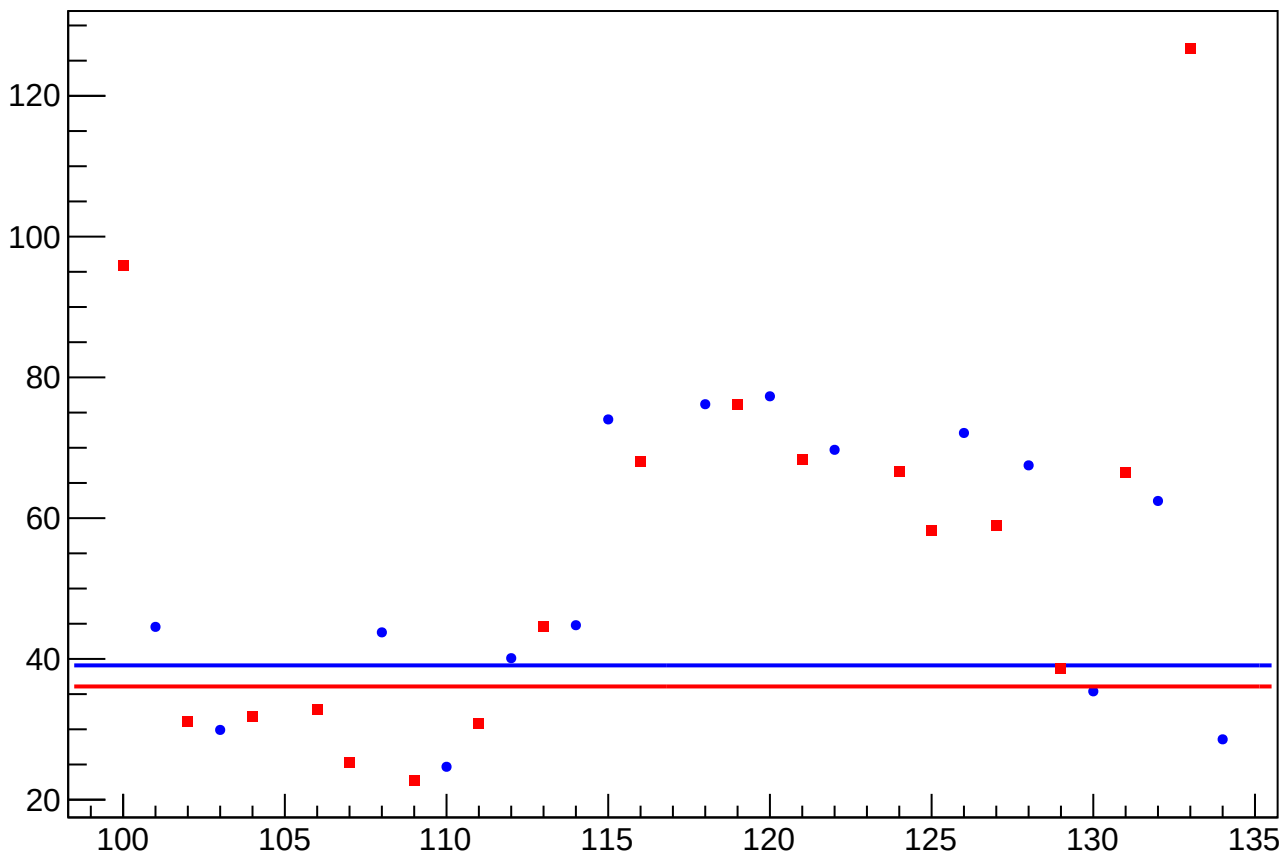
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.023 $\pm$ 0.012 χ^2 /NDF: 48.3/31

- 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+/-0.012 χ^2/NDF : 1563259.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.088+/-0.011 χ^2/NDF : 2040921.9/16

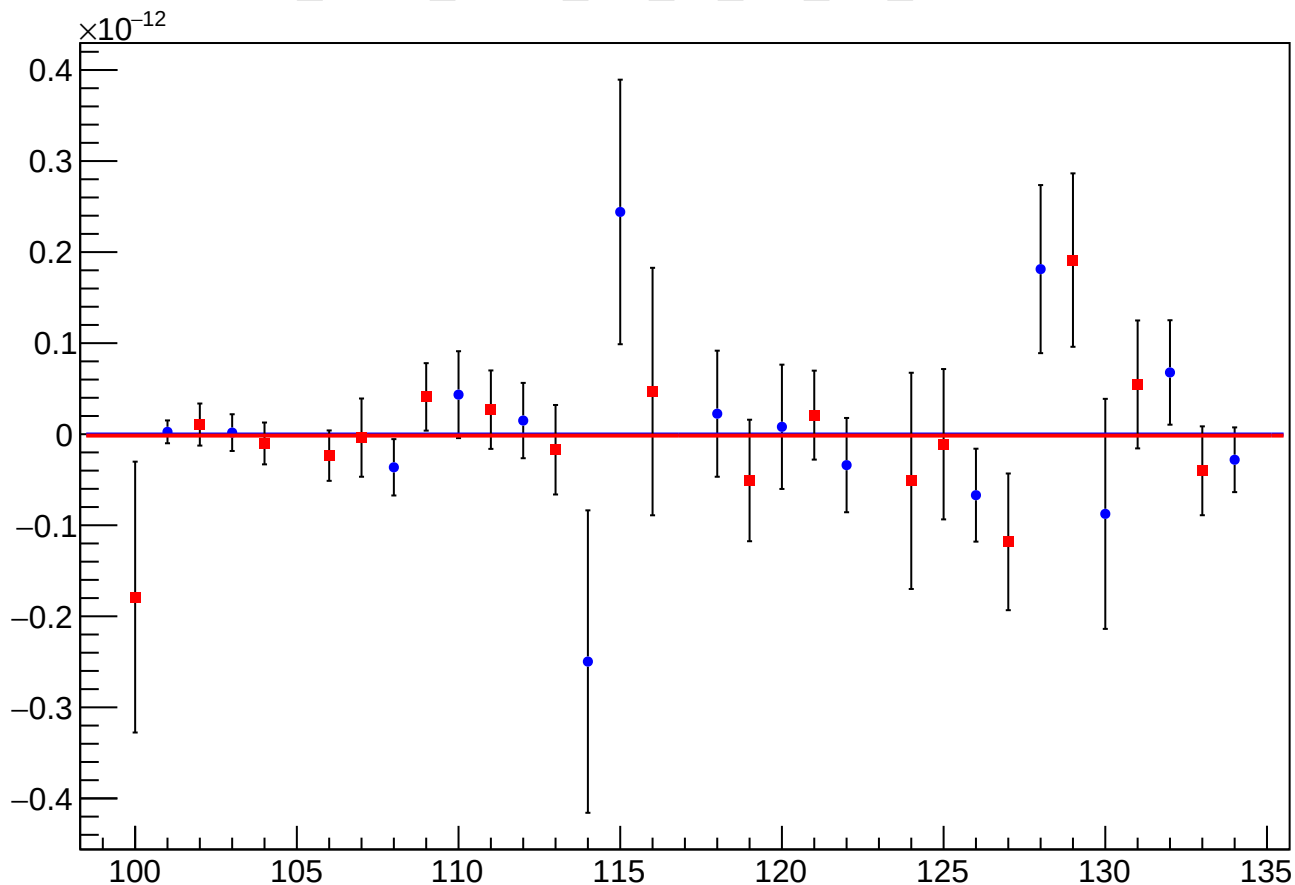
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.455+/-0.008 χ^2/NDF : 3637113.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_eigen_cor_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 : 13.2/16

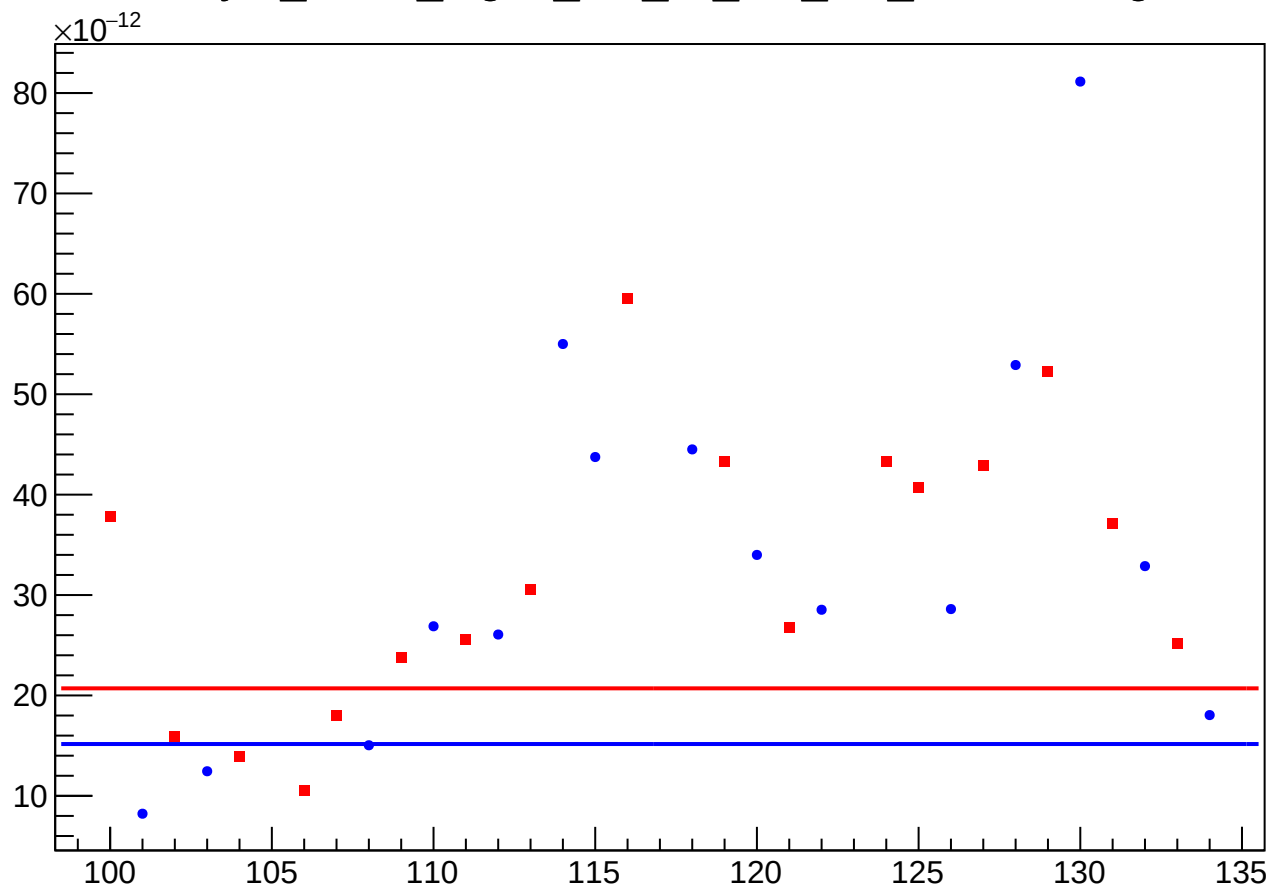
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.3/31

- sign 0.000+/-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 : 1822067.4/16

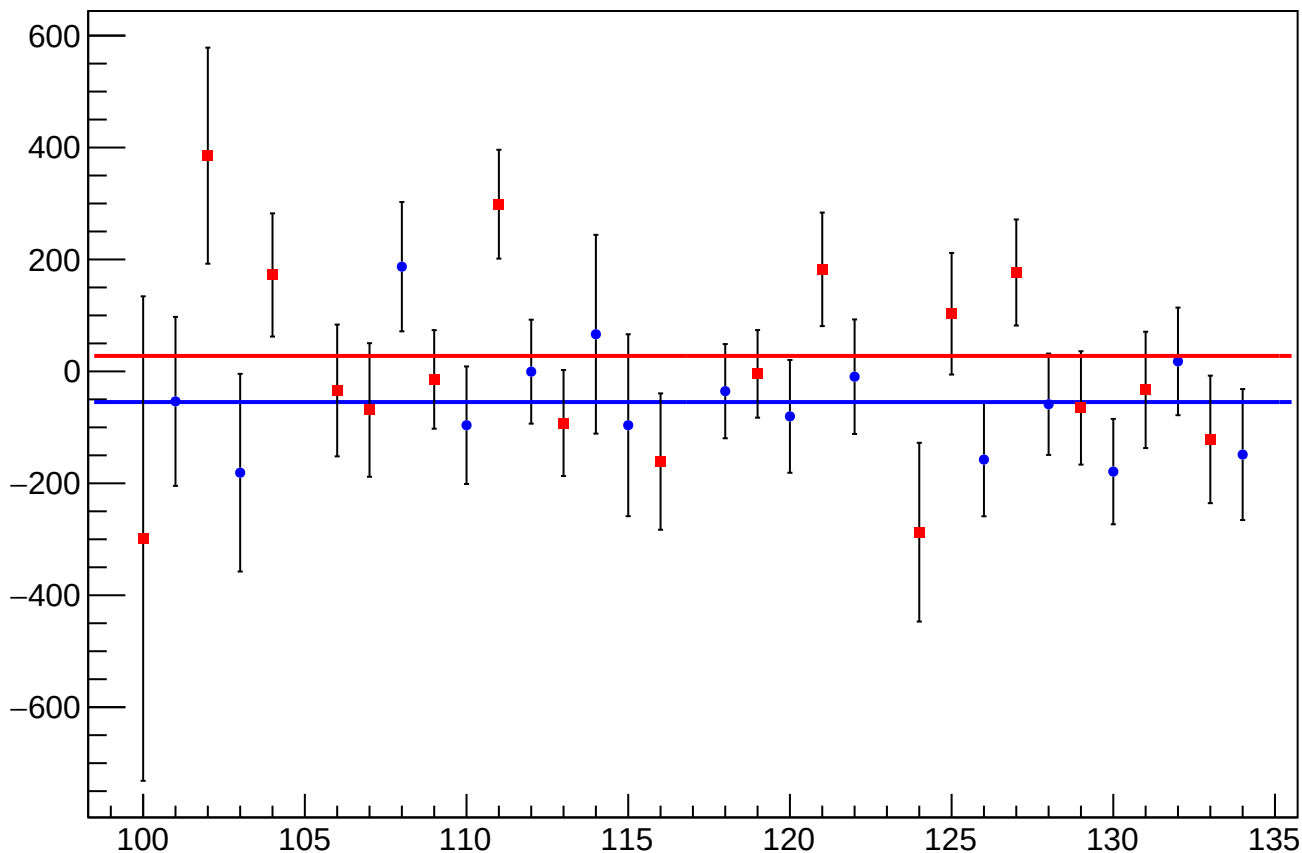
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5125202.6/31

- 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: 27.664 ± 26.415 χ^2/NDF : 30.9/16

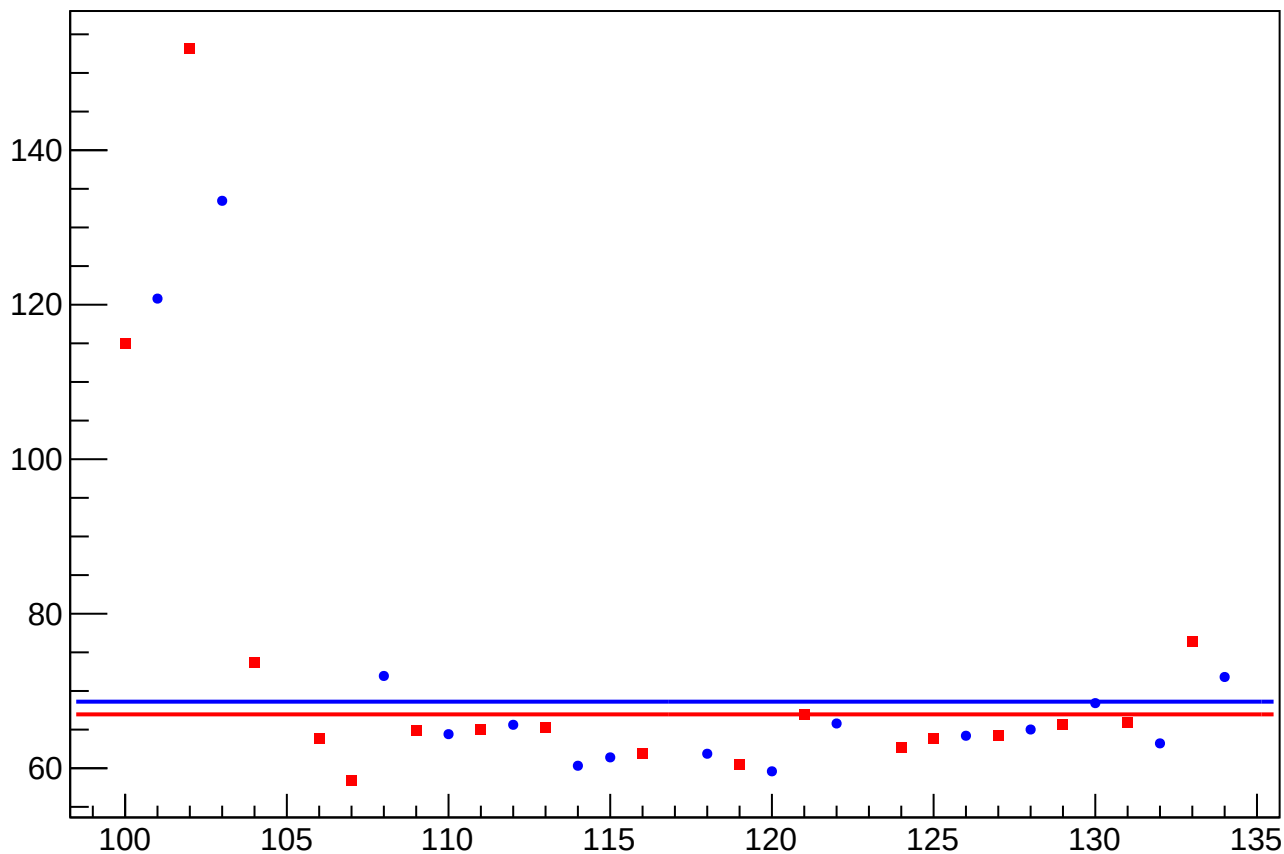
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.172 ± 19.214 χ^2/NDF : 45.7/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_rms vs Slug



Right In: 68.617+/-0.020 χ^2/NDF : 568687.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.972+/-0.019 χ^2/NDF : 481069.0/16

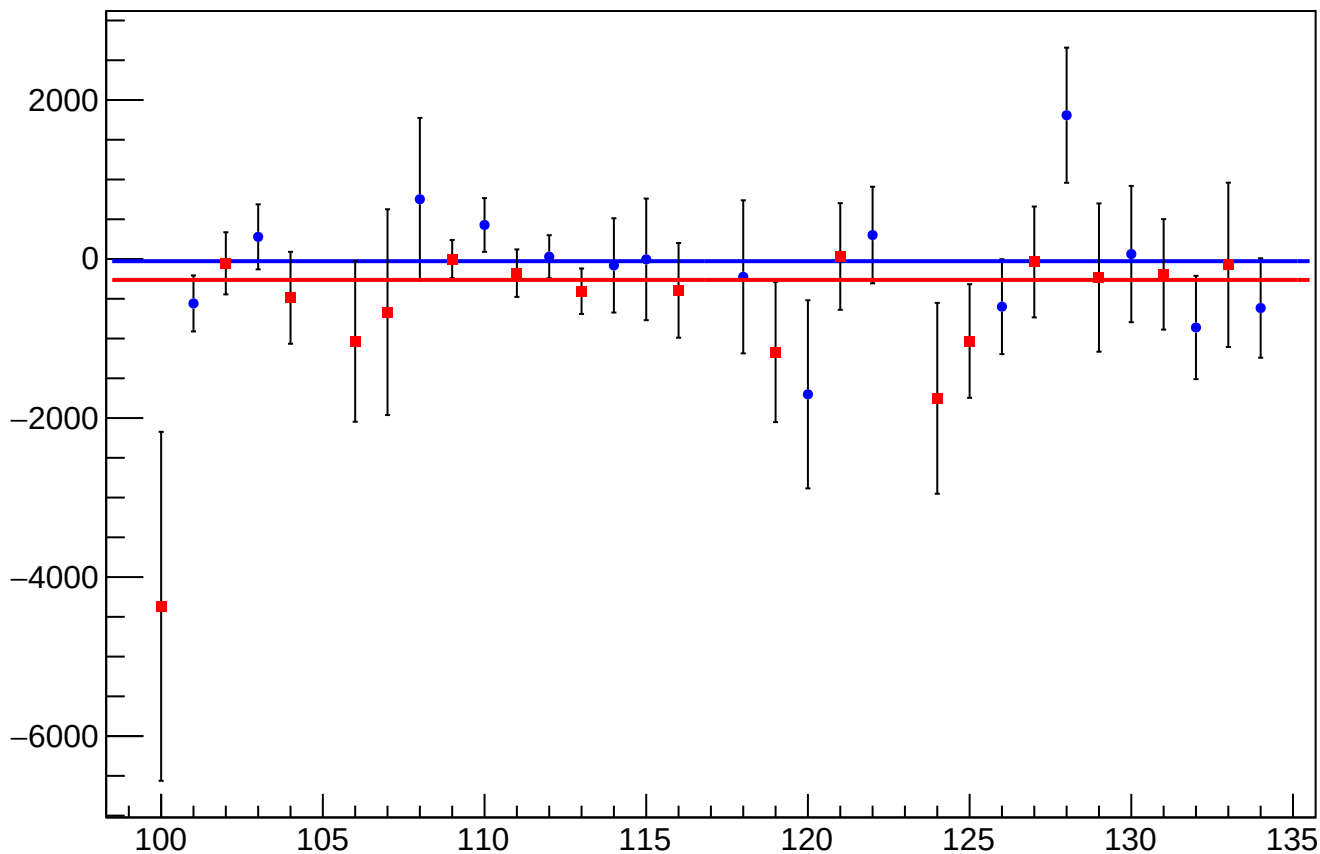
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.747+/-0.014 χ^2/NDF : 1053409.5/31

- sign 0.000+/-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: -262.501 ± 121.870 χ^2/NDF : 10.3/16

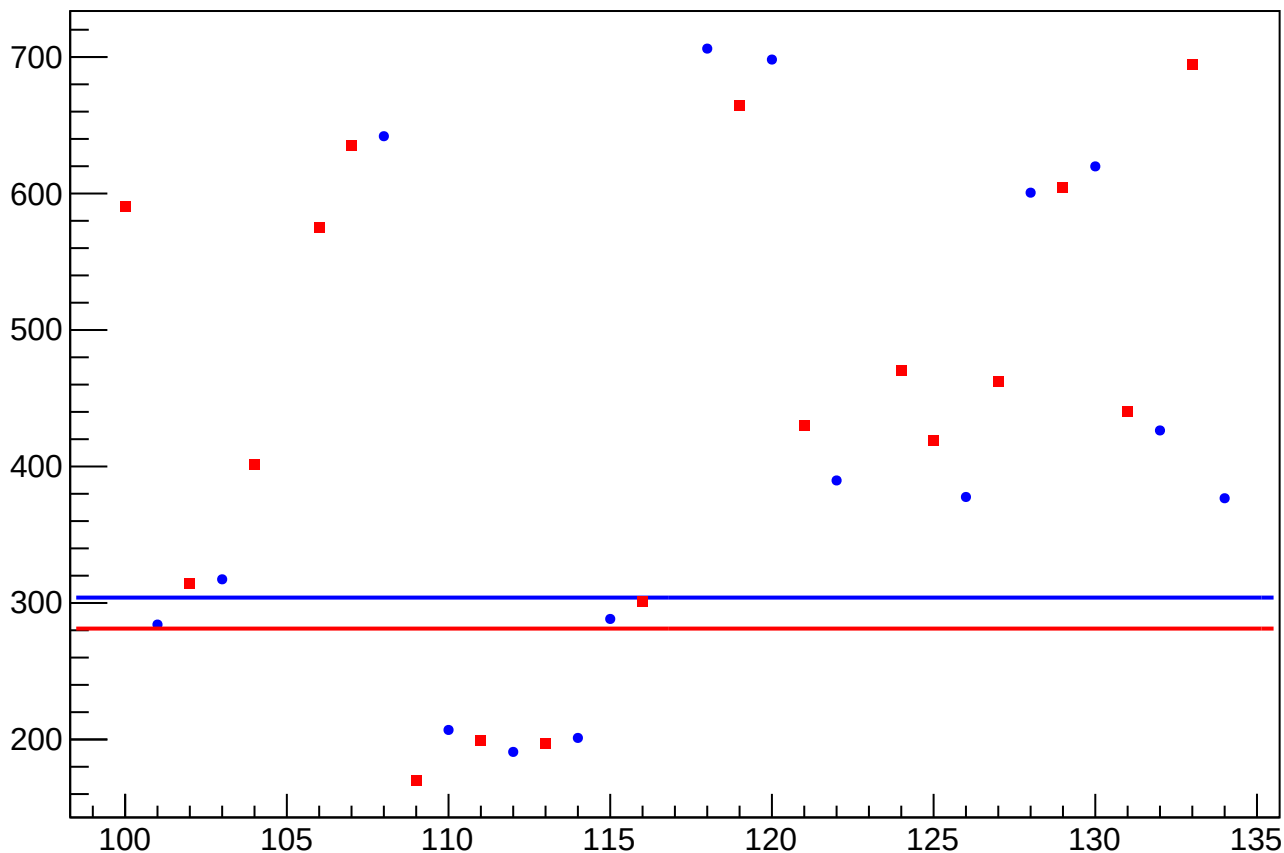
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -154.566 ± 89.682 χ^2/NDF : 27.8/31

- 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: 281.243+/-0.086 χ^2/NDF : 2615982.0/16

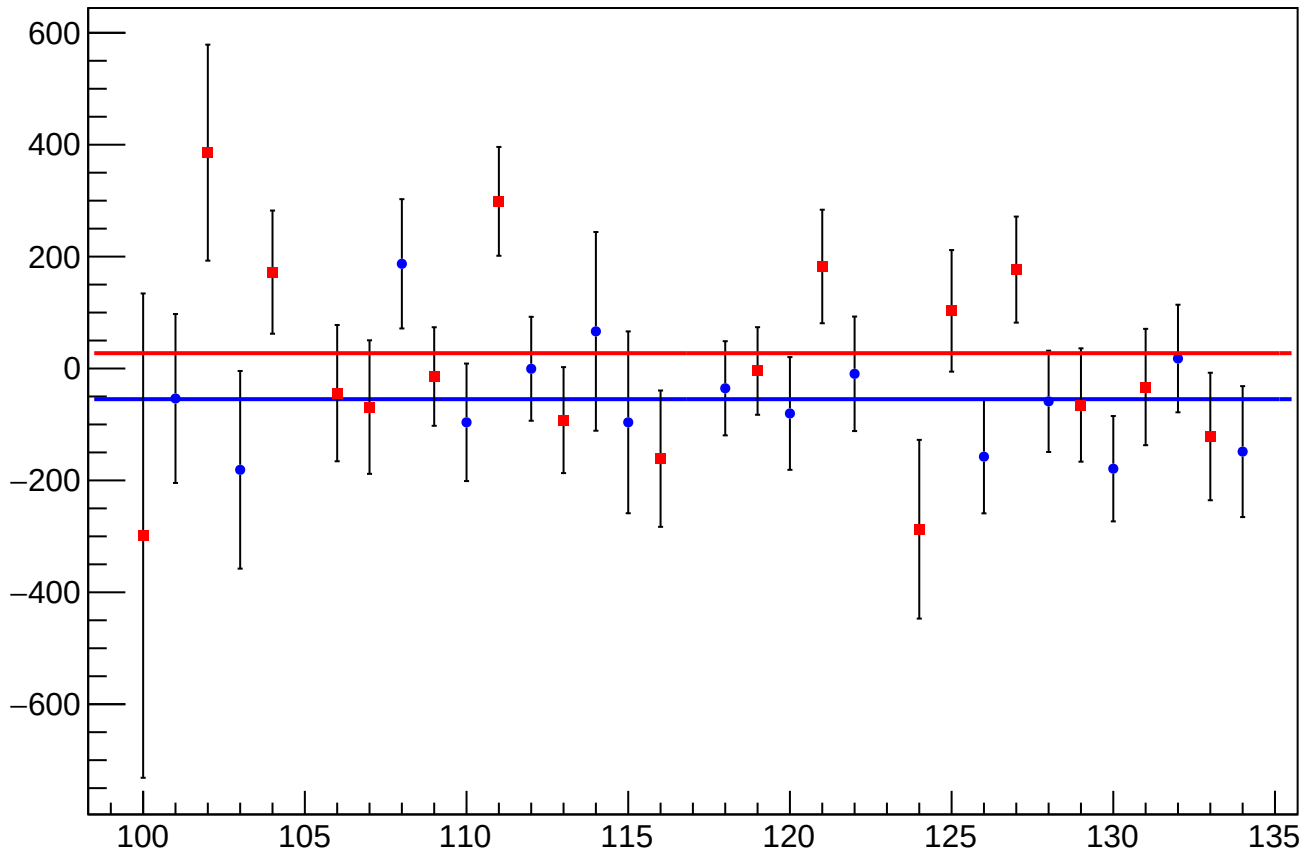
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 291.655+/-0.063 χ^2/NDF : 4706270.6/31

- 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: 27.402 ± 26.459 χ^2/NDF : 31.0/16

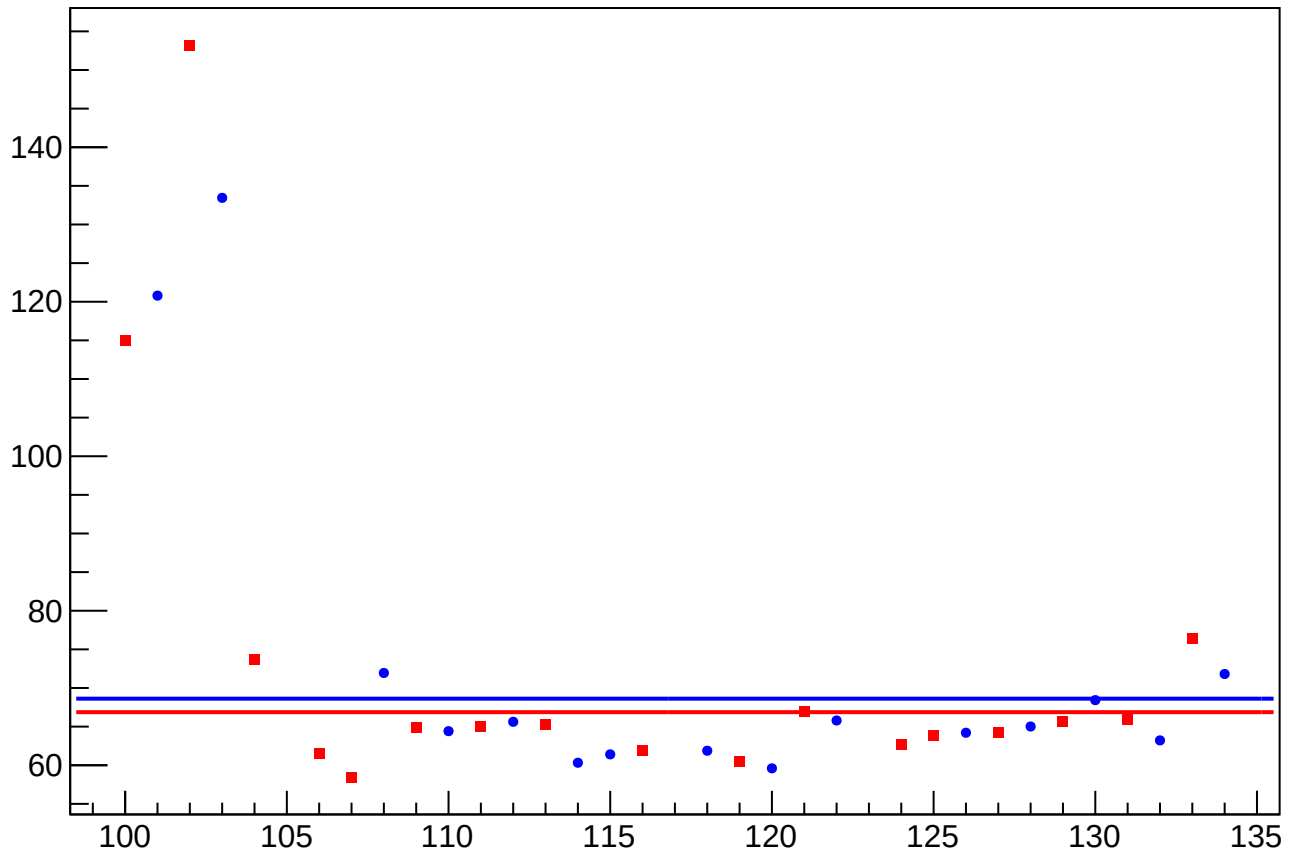
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.379 ± 19.230 χ^2/NDF : 45.8/31

- 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: 66.871 $\pm$ 0.019 χ^2 /NDF: 483672.8/16

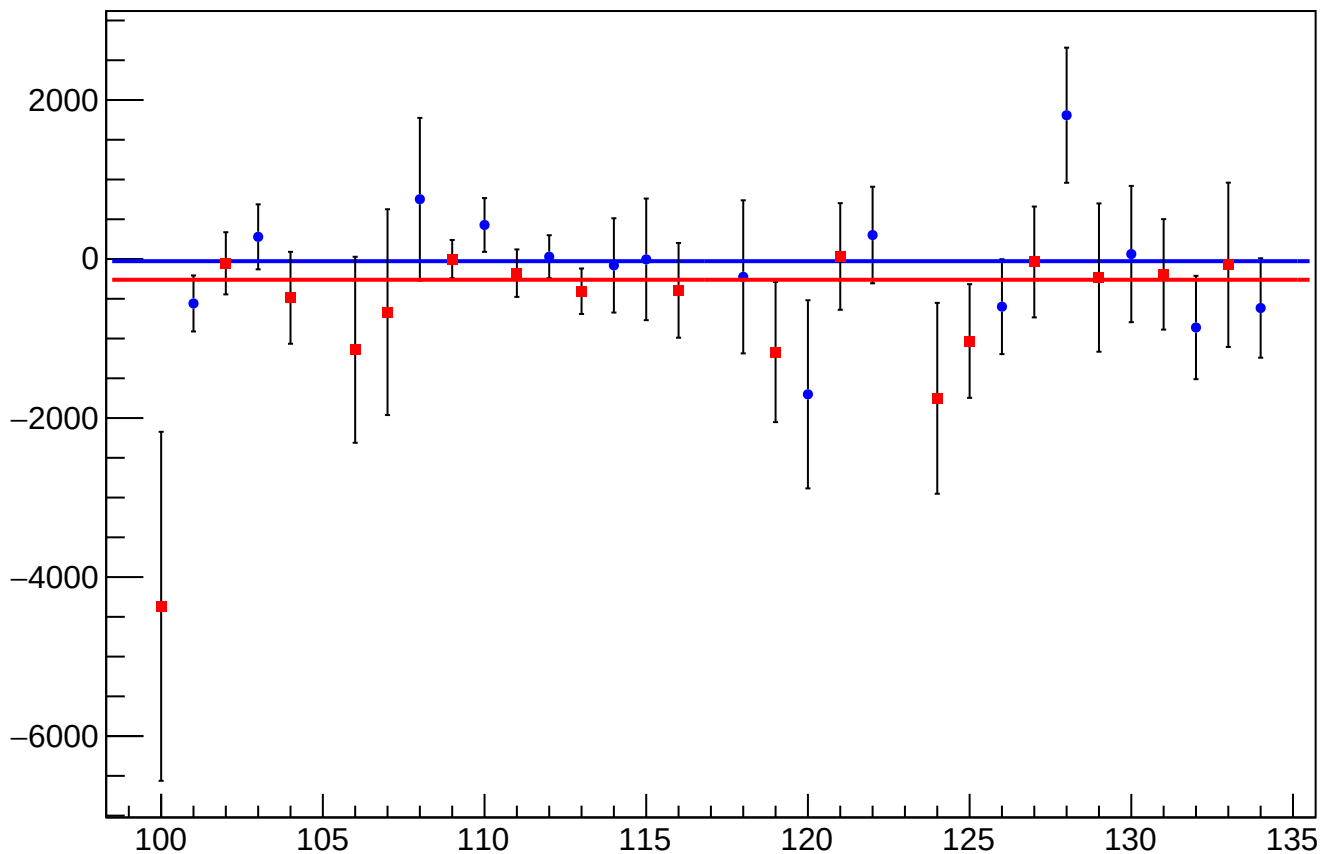
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 67.695 $\pm$ 0.014 χ^2 /NDF: 1056470.9/31

- 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: -260.824 ± 122.099 χ^2/NDF : 10.3/16

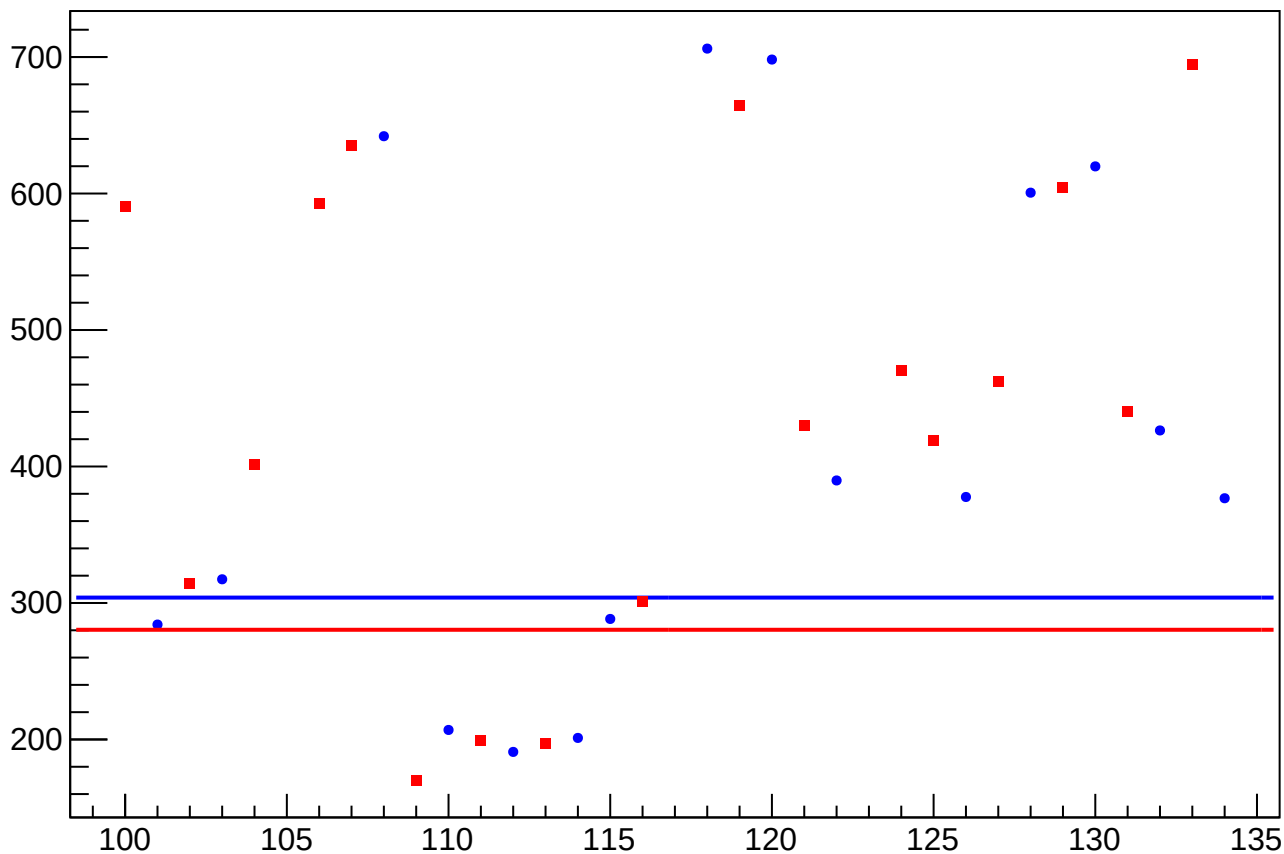
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -153.438 ± 89.773 χ^2/NDF : 27.7/31

- 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: 280.369+/-0.086 χ^2/NDF : 2589239.4/16

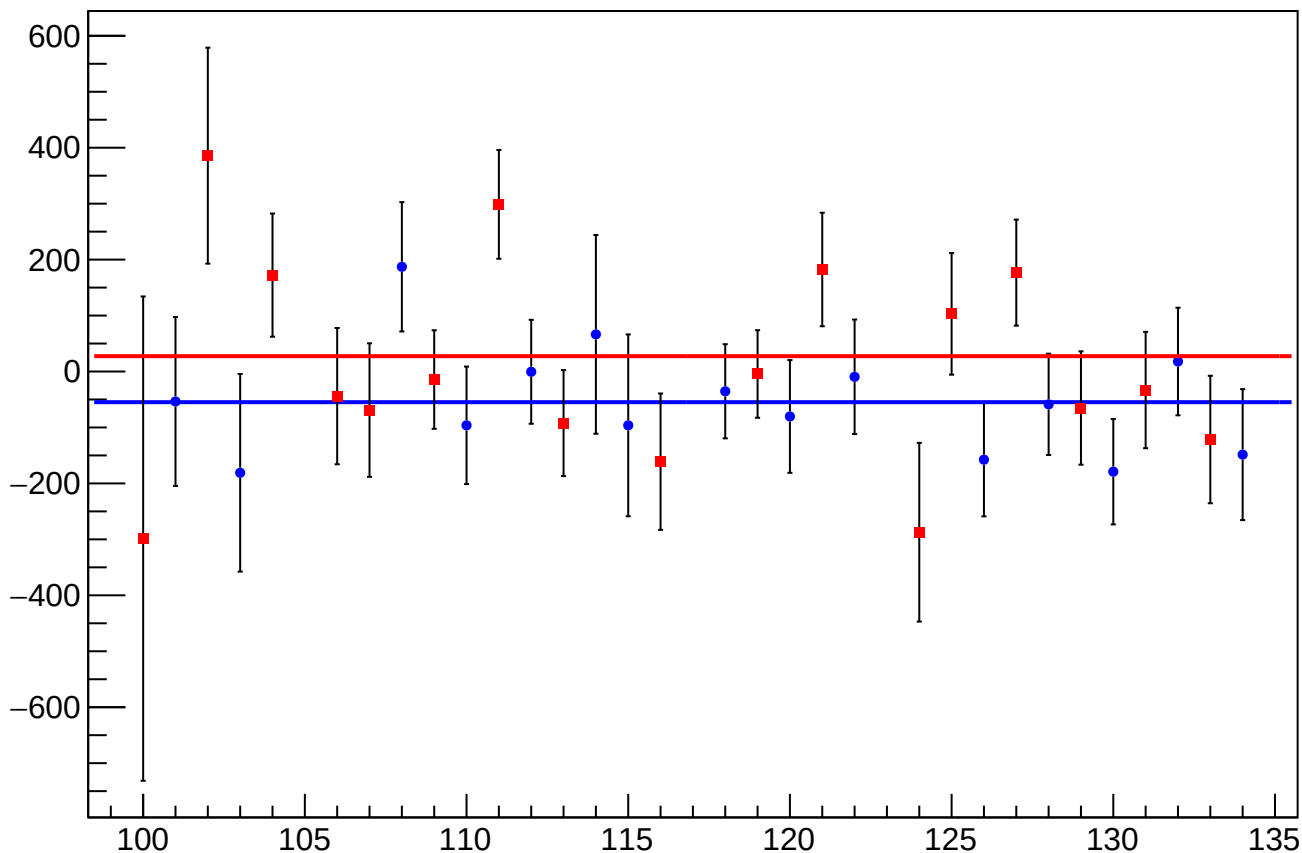
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 291.205+/-0.063 χ^2/NDF : 4681978.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_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: 27.402 ± 26.459 χ^2/NDF : 31.0/16

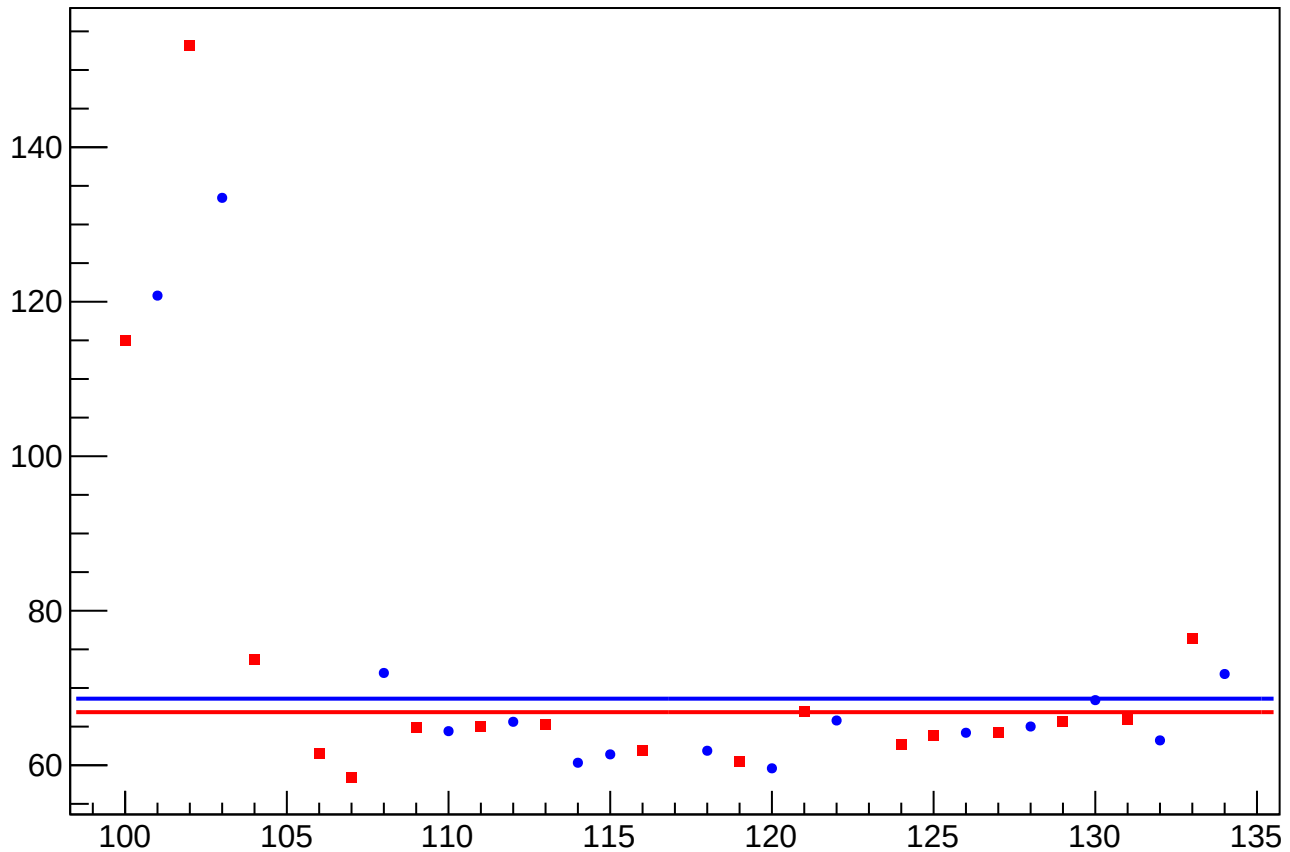
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.379 ± 19.230 χ^2/NDF : 45.8/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam7_rms vs Slug



Right In: 68.617+/-0.020 χ^2/NDF : 568687.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.871+/-0.019 χ^2/NDF : 483672.8/16

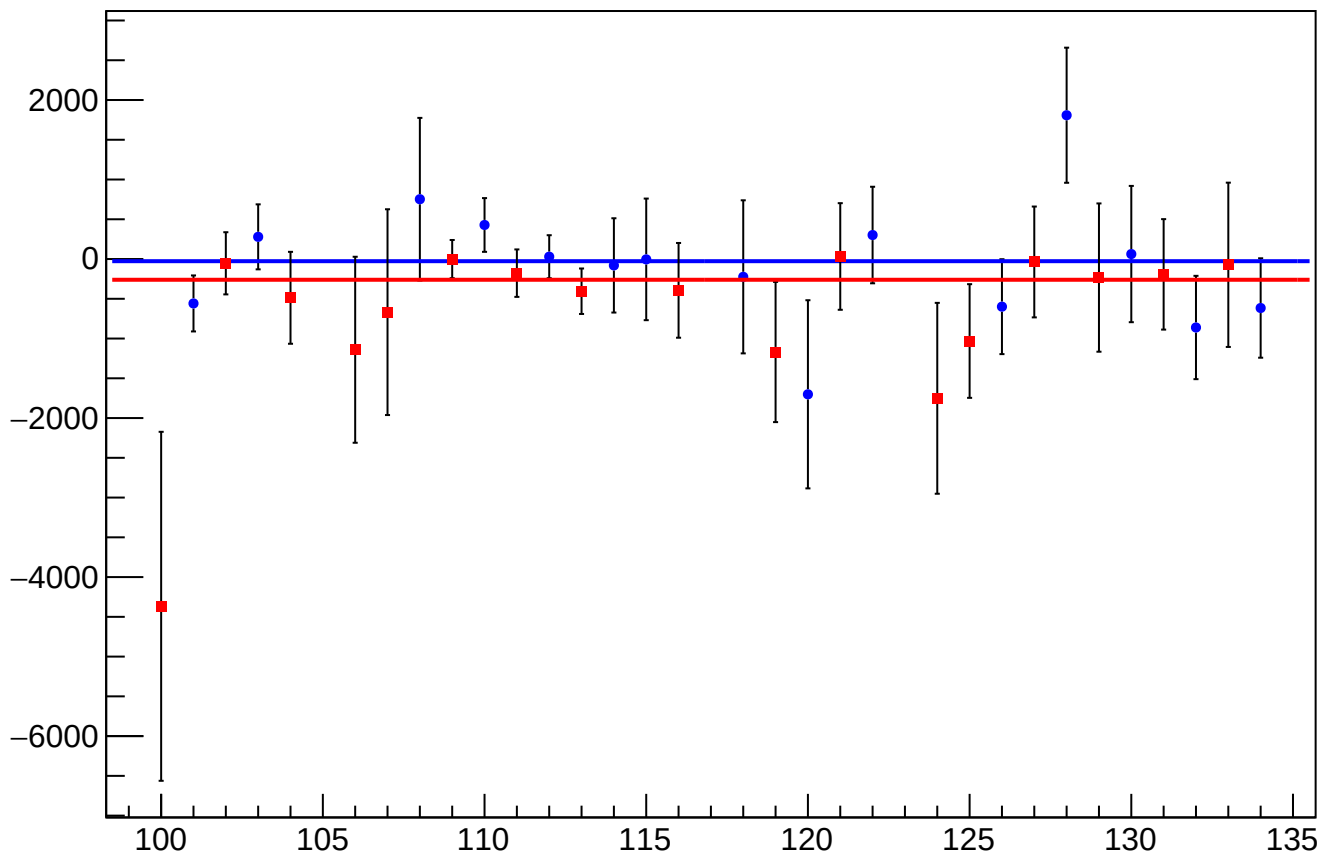
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.695+/-0.014 χ^2/NDF : 1056470.9/31

- sign 0.000+/-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: -260.824 ± 122.099 χ^2/NDF : 10.3/16

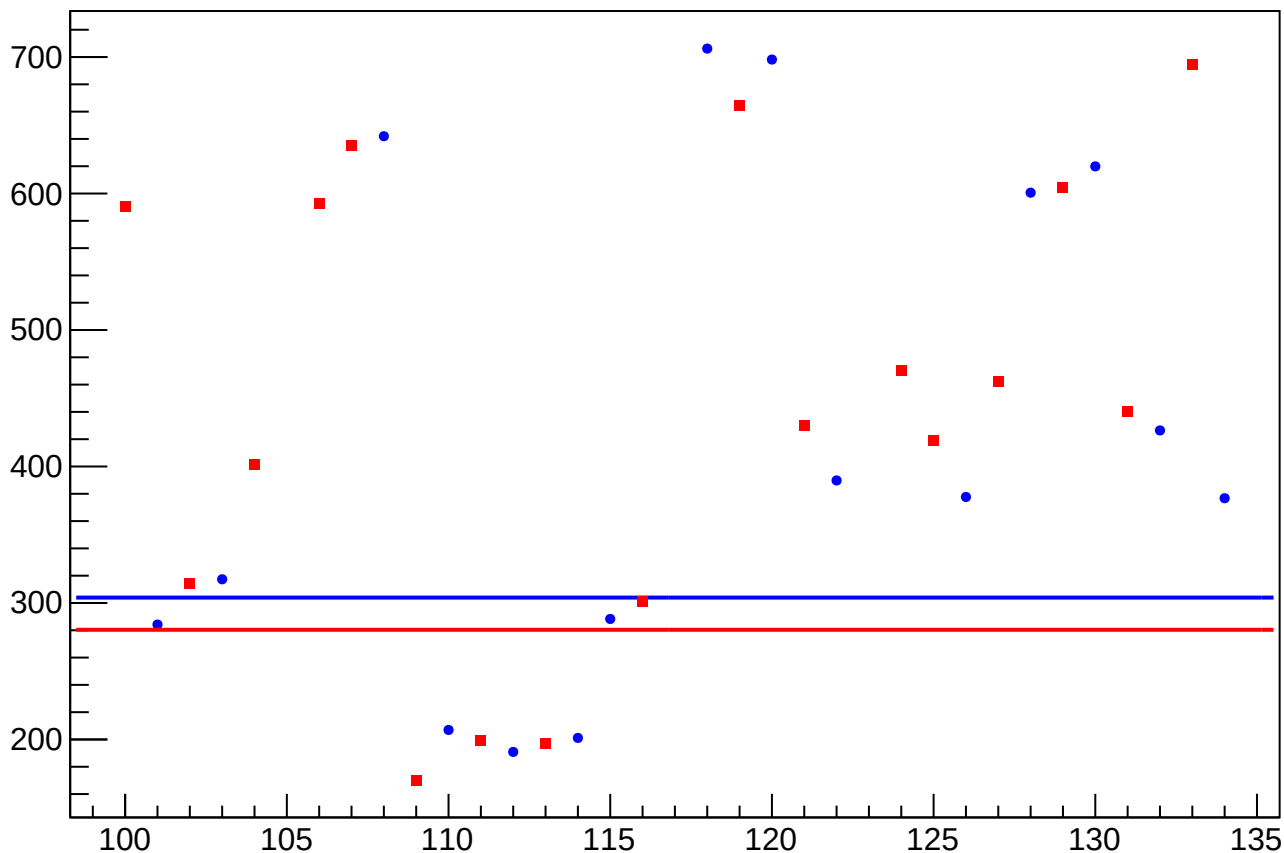
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -153.438 ± 89.773 χ^2/NDF : 27.7/31

- 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: 280.369+/-0.086 χ^2/NDF : 2589239.4/16

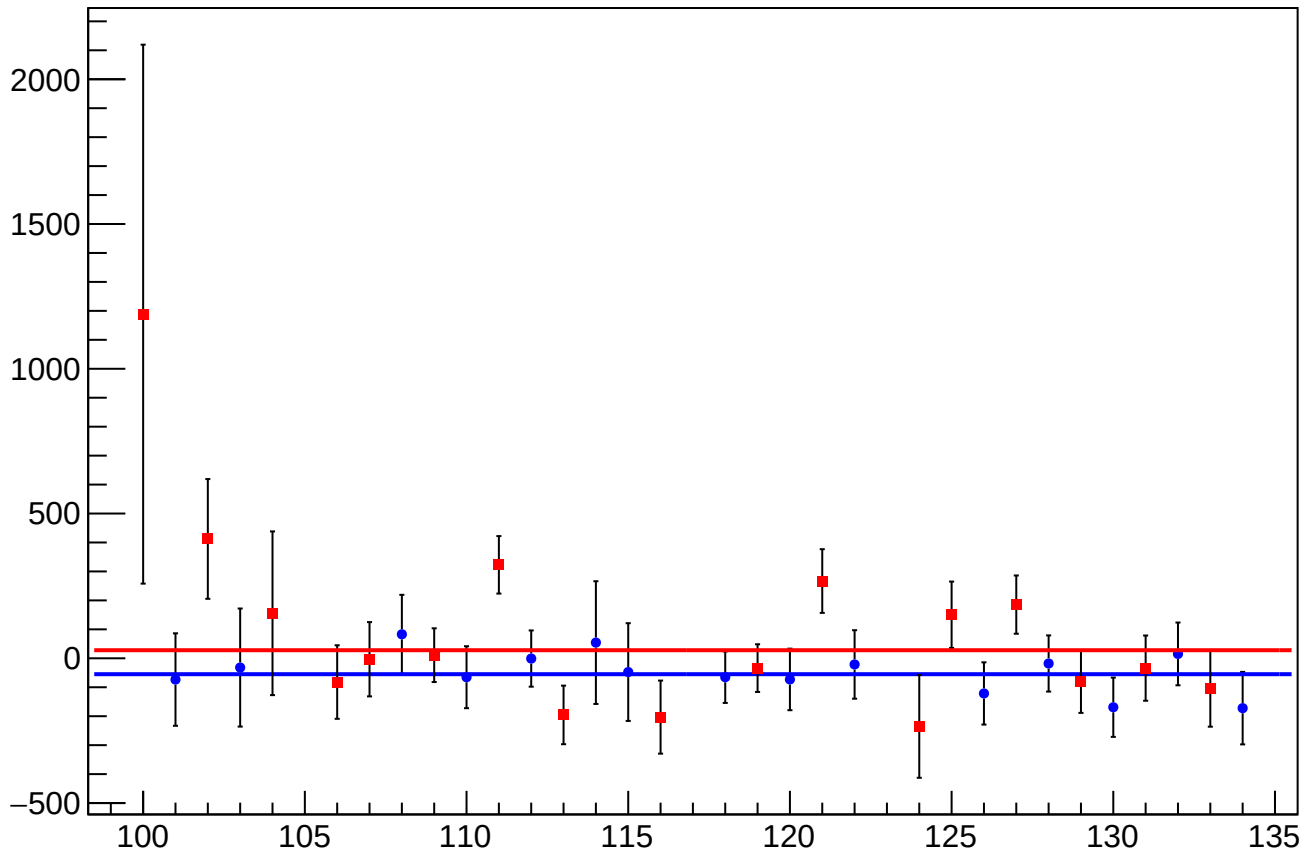
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 291.205+/-0.063 χ^2/NDF : 4681978.2/31

- 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: 27.941 ± 28.899 χ^2/NDF : 36.5/16

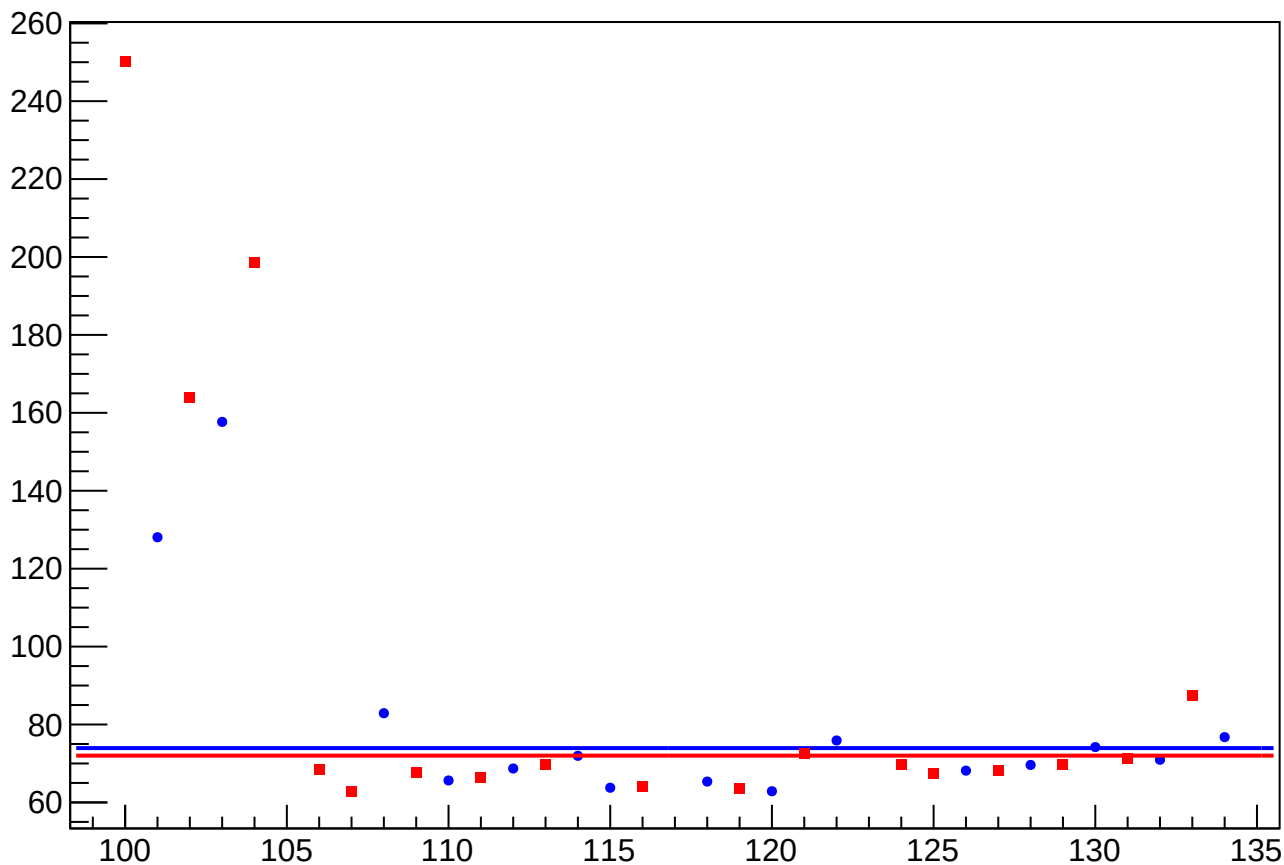
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.556 ± 20.902 χ^2/NDF : 45.3/31

- 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: 72.012+/-0.020 χ^2/NDF : 957410.2/16

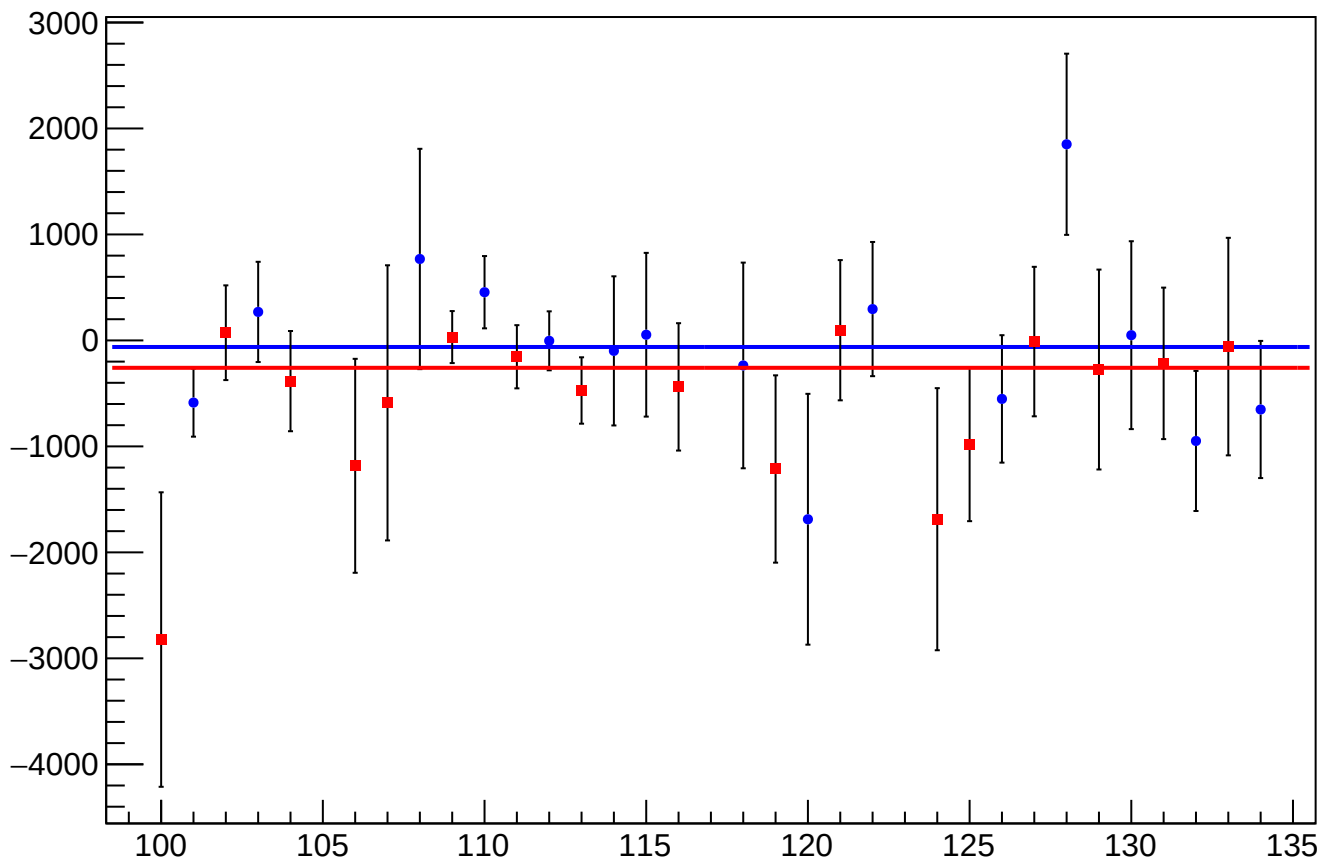
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.933+/-0.015 χ^2/NDF : 1615684.4/31

- 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: -258.509+/-124.469 χ^2/NDF : 11.0/16

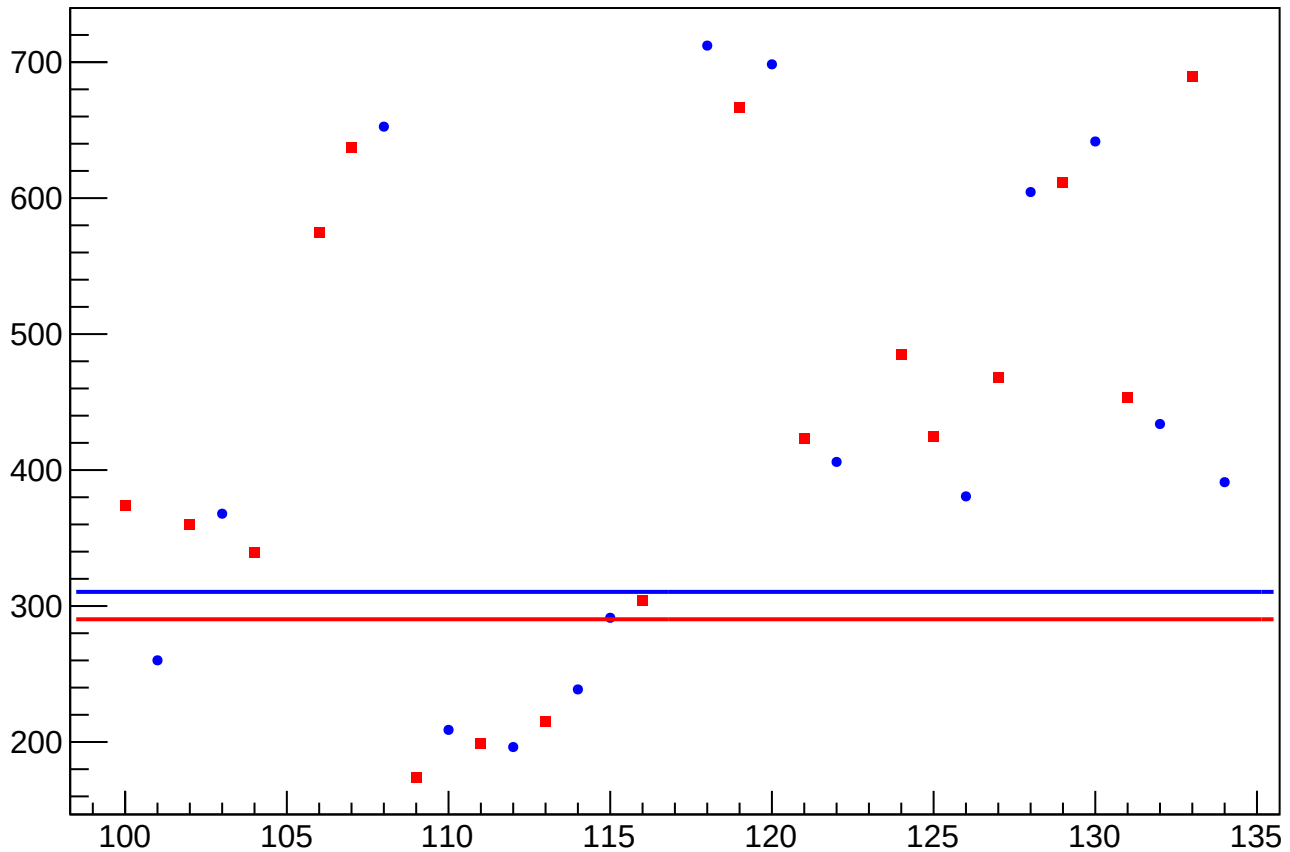
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -168.424+/-91.605 χ^2/NDF : 28.8/31

- 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

Right Out: 290.257+/-0.088 χ^2/NDF : 2458060.1/16

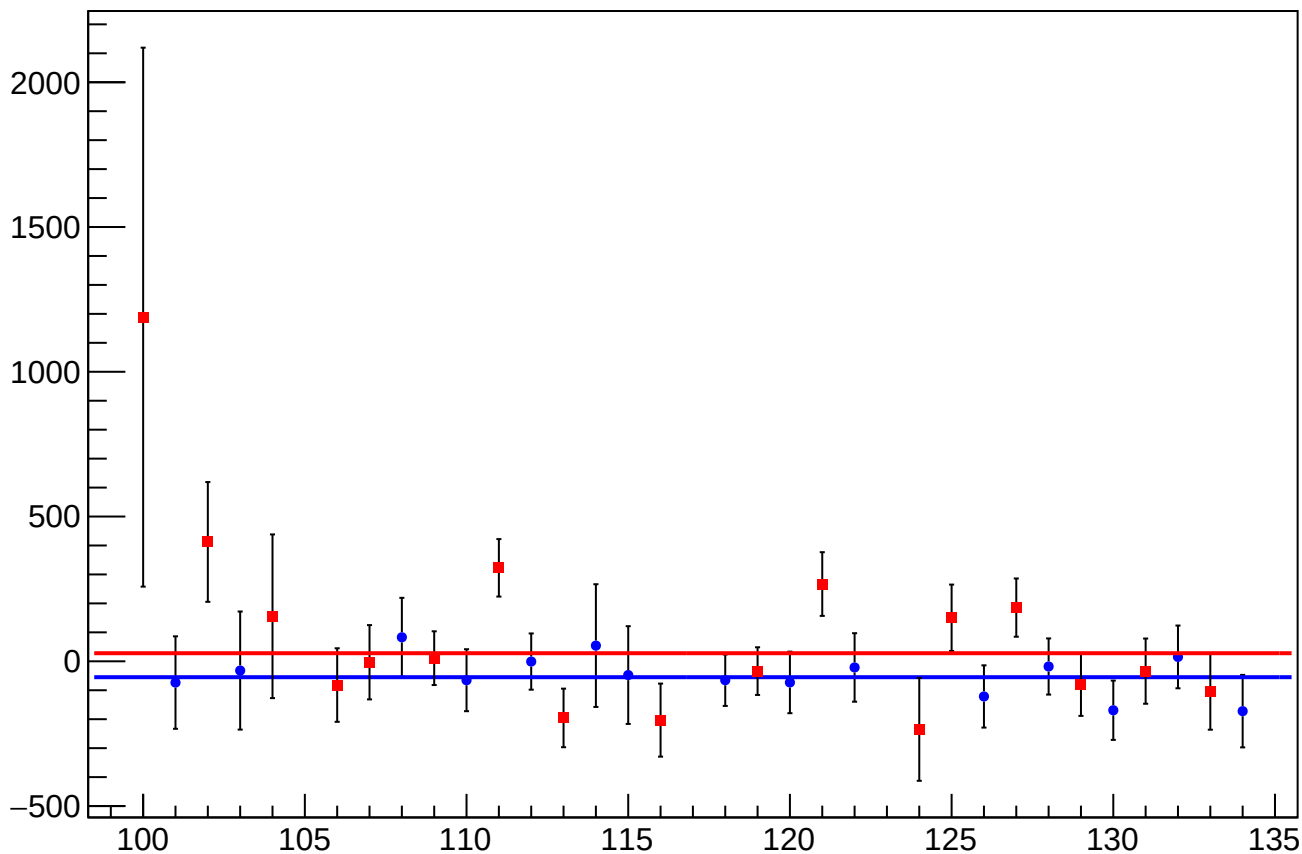
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 299.491+/-0.065 χ^2/NDF : 4560060.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam7_mean vs Slug



Right In: -54.886 $\pm$ 30.268 χ^2 /NDF: 4.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.942 $\pm$ 28.898 χ^2 /NDF: 36.5/16

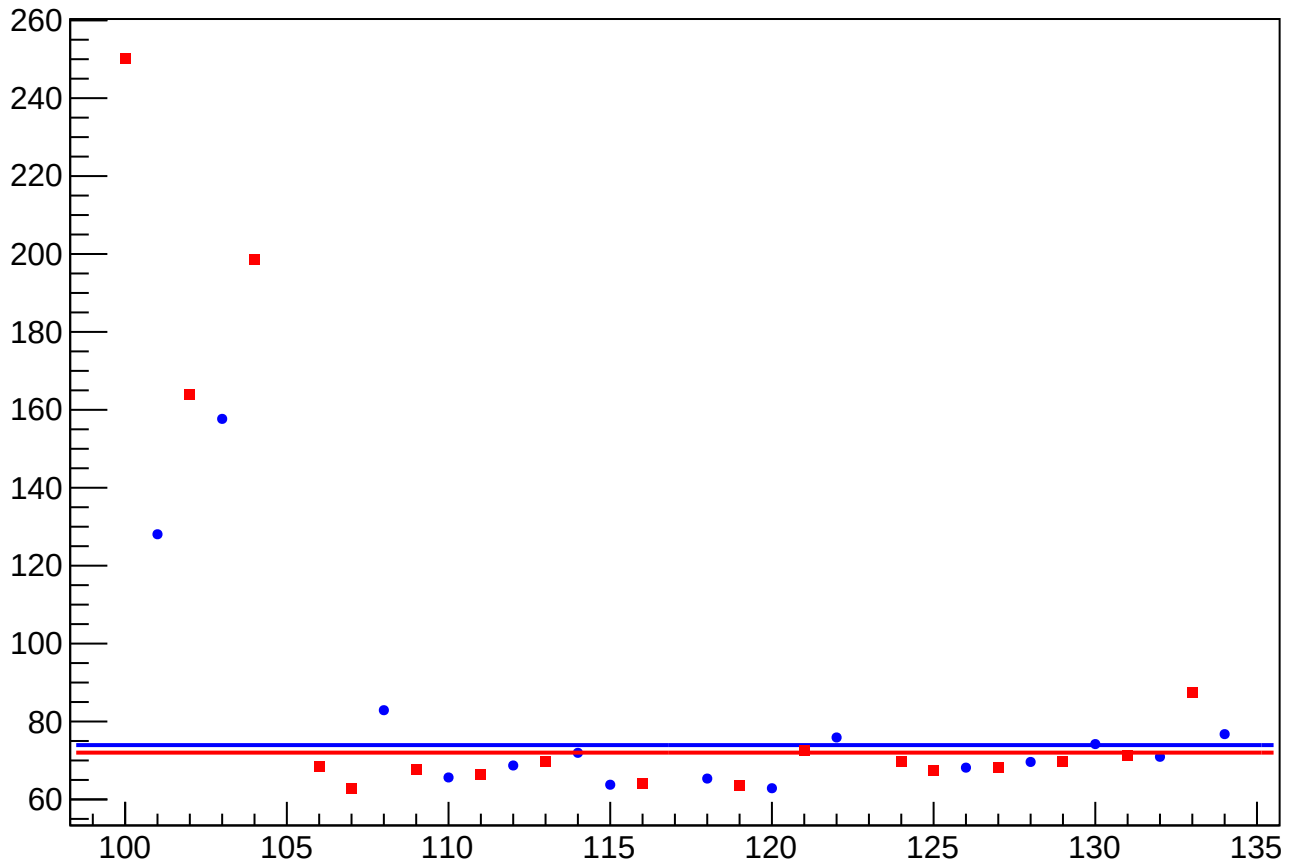
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -11.555 $\pm$ 20.902 χ^2 /NDF: 45.3/31

- sign 0.000 $\pm$ 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: 72.012+/-0.020 χ^2/NDF : 957411.4/16

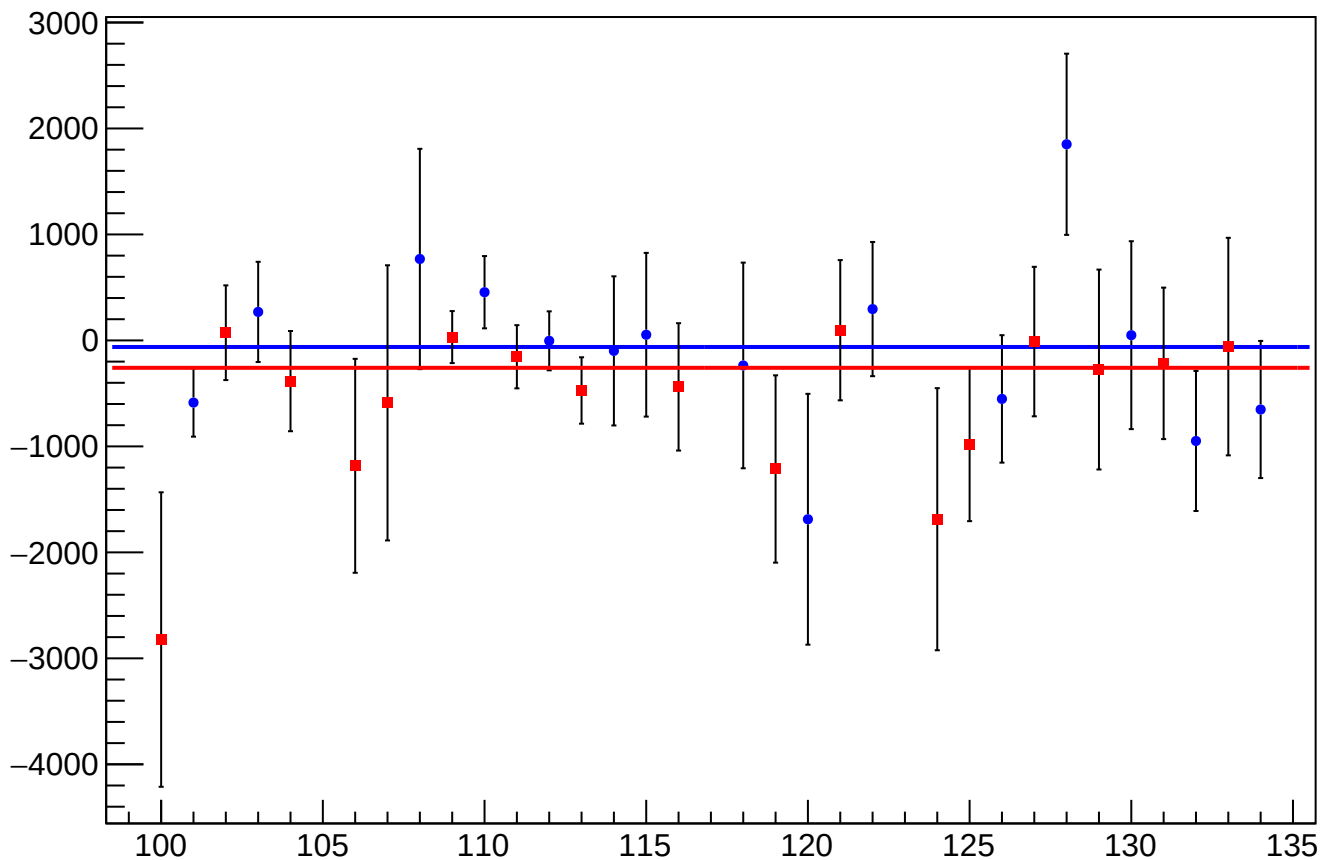
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.933+/-0.015 χ^2/NDF : 1615687.5/31

- 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: -258.507+/-124.468 χ^2/NDF : 11.0/16

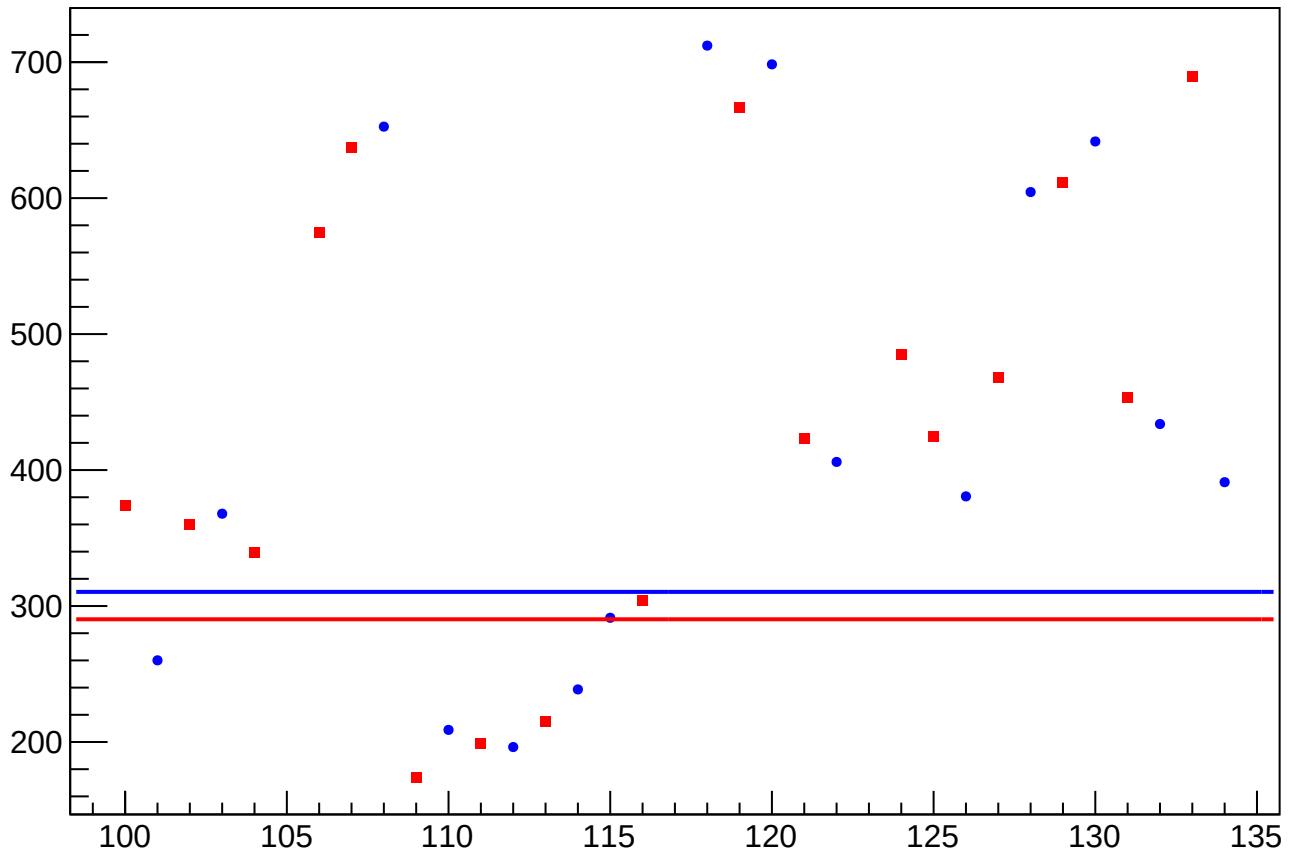
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -168.423+/-91.604 χ^2/NDF : 28.8/31

- 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: 290.255+/-0.088 χ^2/NDF : 2458069.7/16

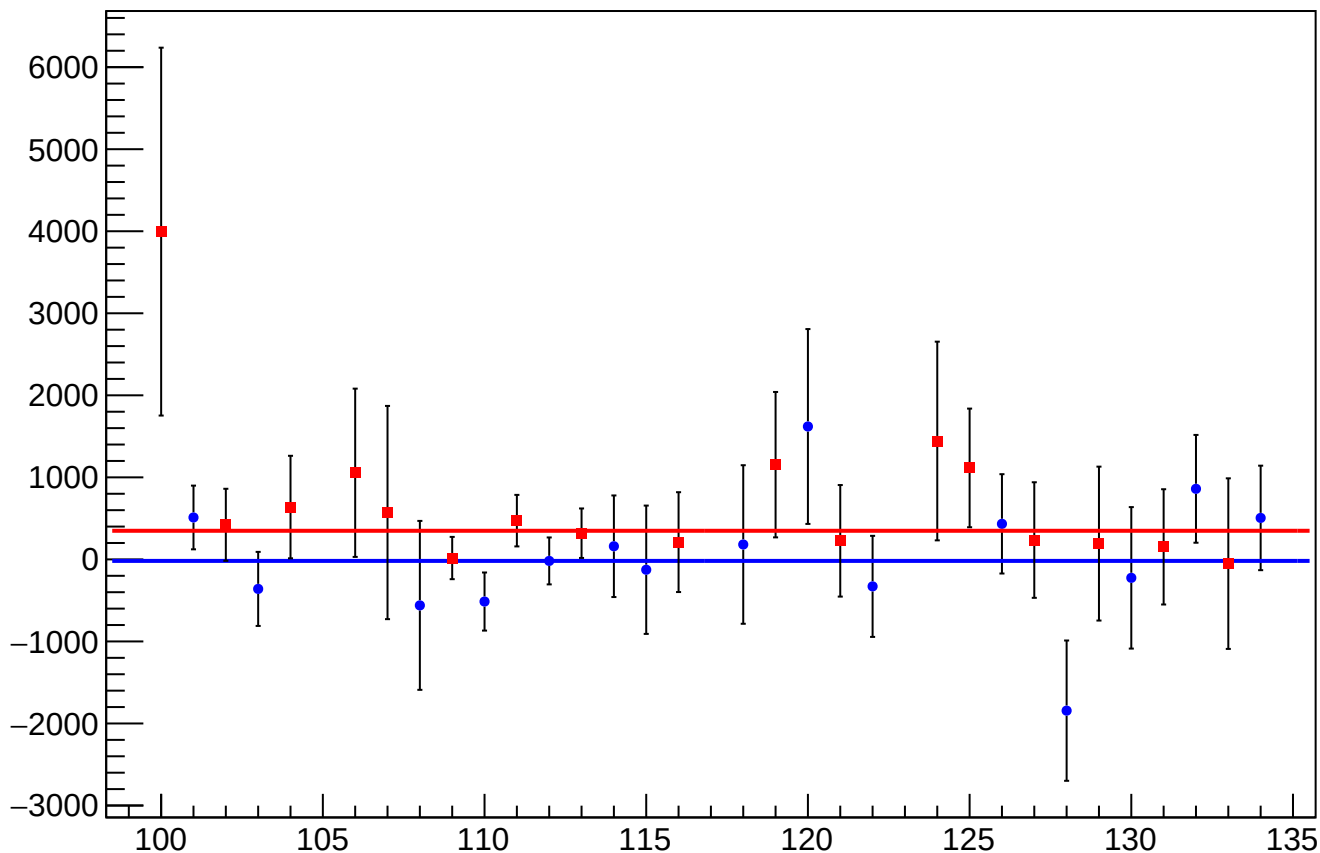
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 299.489+/-0.065 χ^2/NDF : 4560097.1/31

- 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: 348.768 ± 128.549 χ^2/NDF : 8.3/16

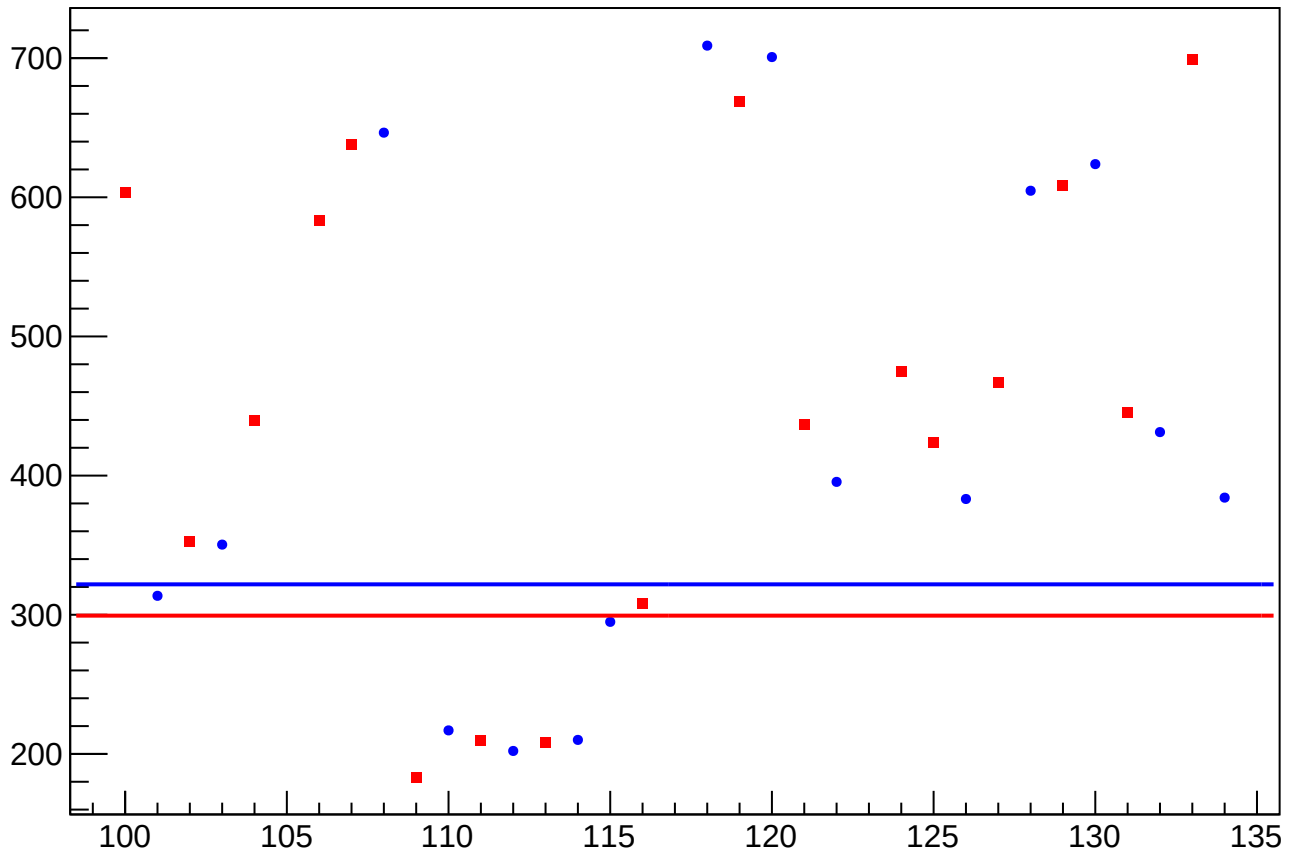
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 179.851 ± 94.458 χ^2/NDF : 26.7/31

- 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: 299.372+/-0.091 χ^2/NDF : 2452173.3/16

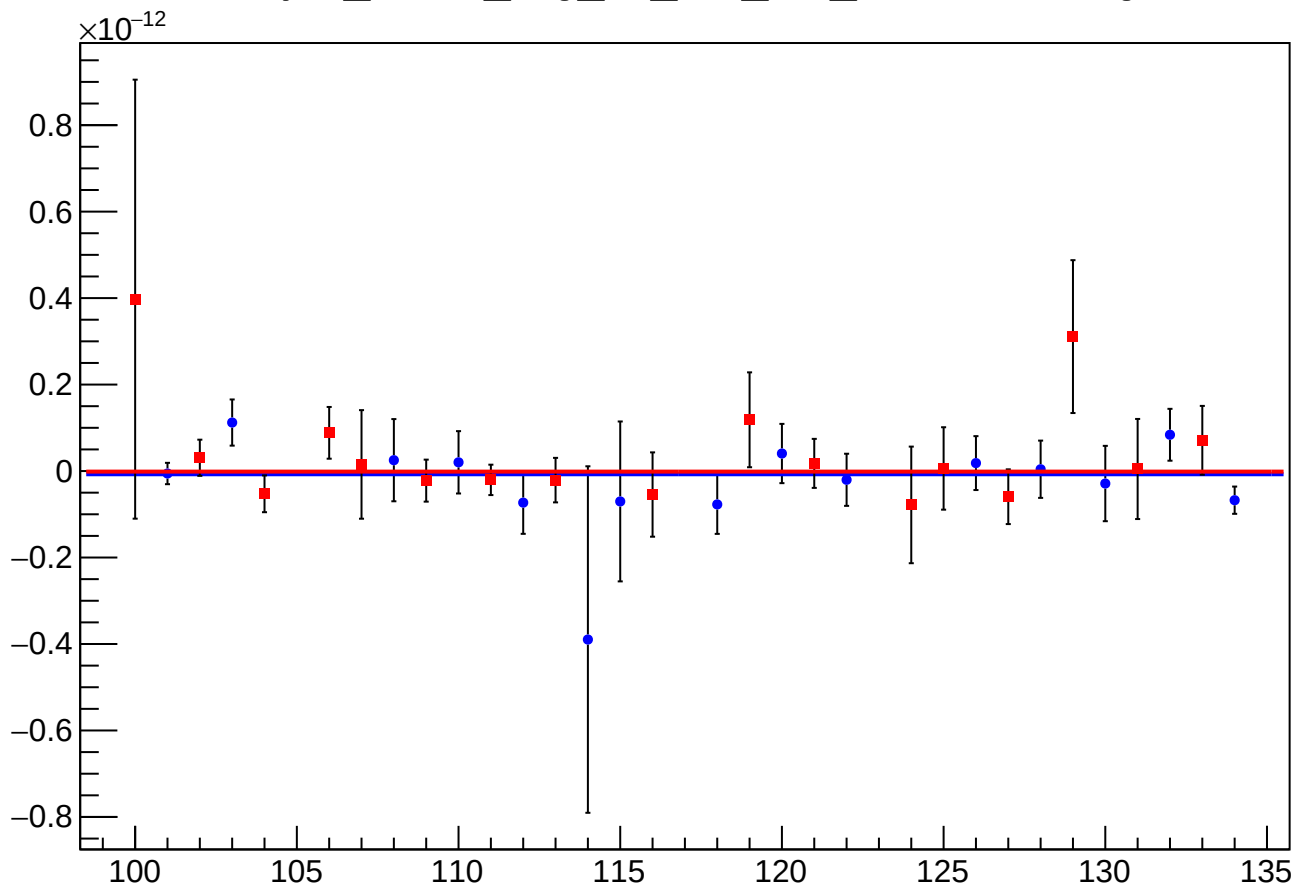
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 309.720+/-0.067 χ^2/NDF : 4394022.7/31

- 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 : 12.3/16

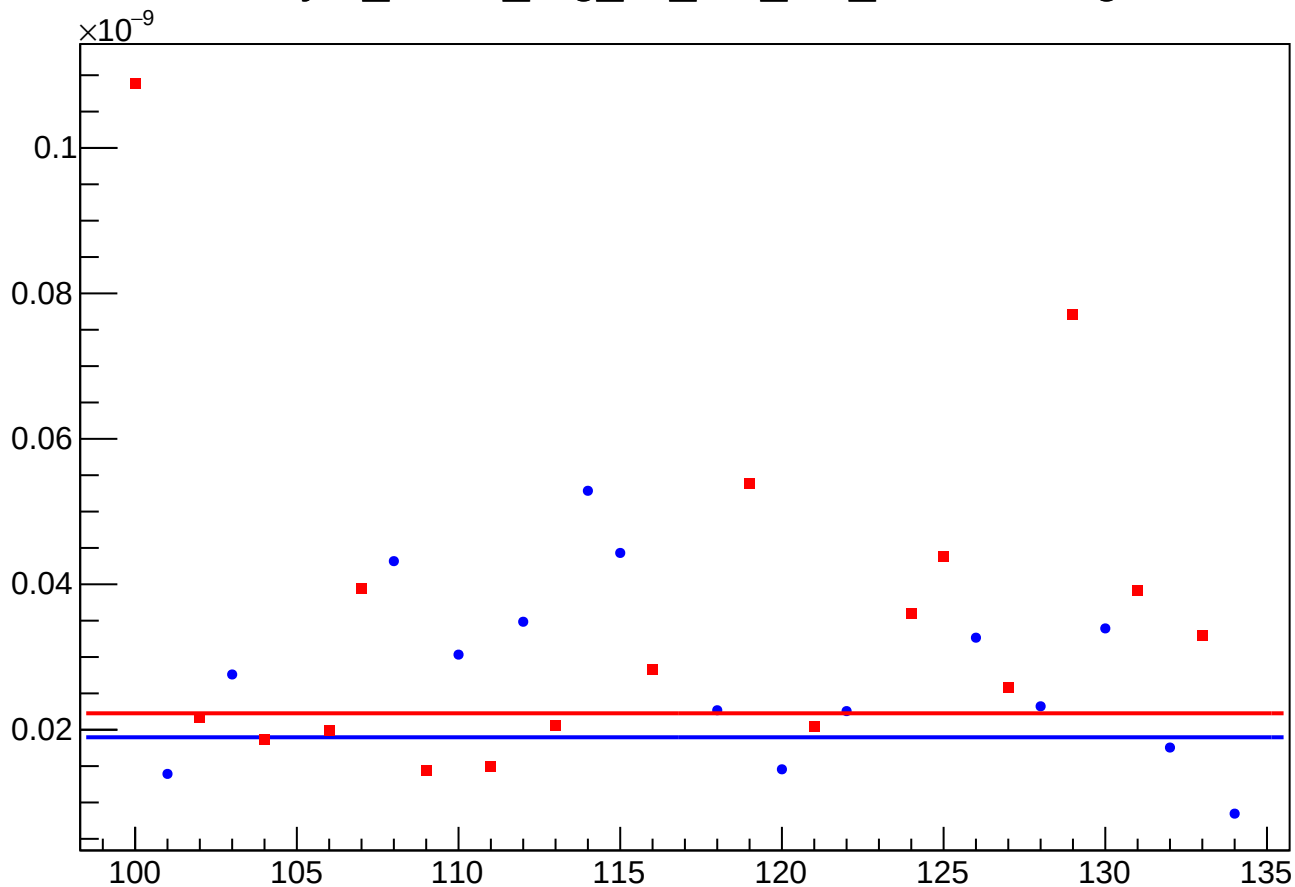
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 27.3/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam7_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 872231.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 830161.5/16

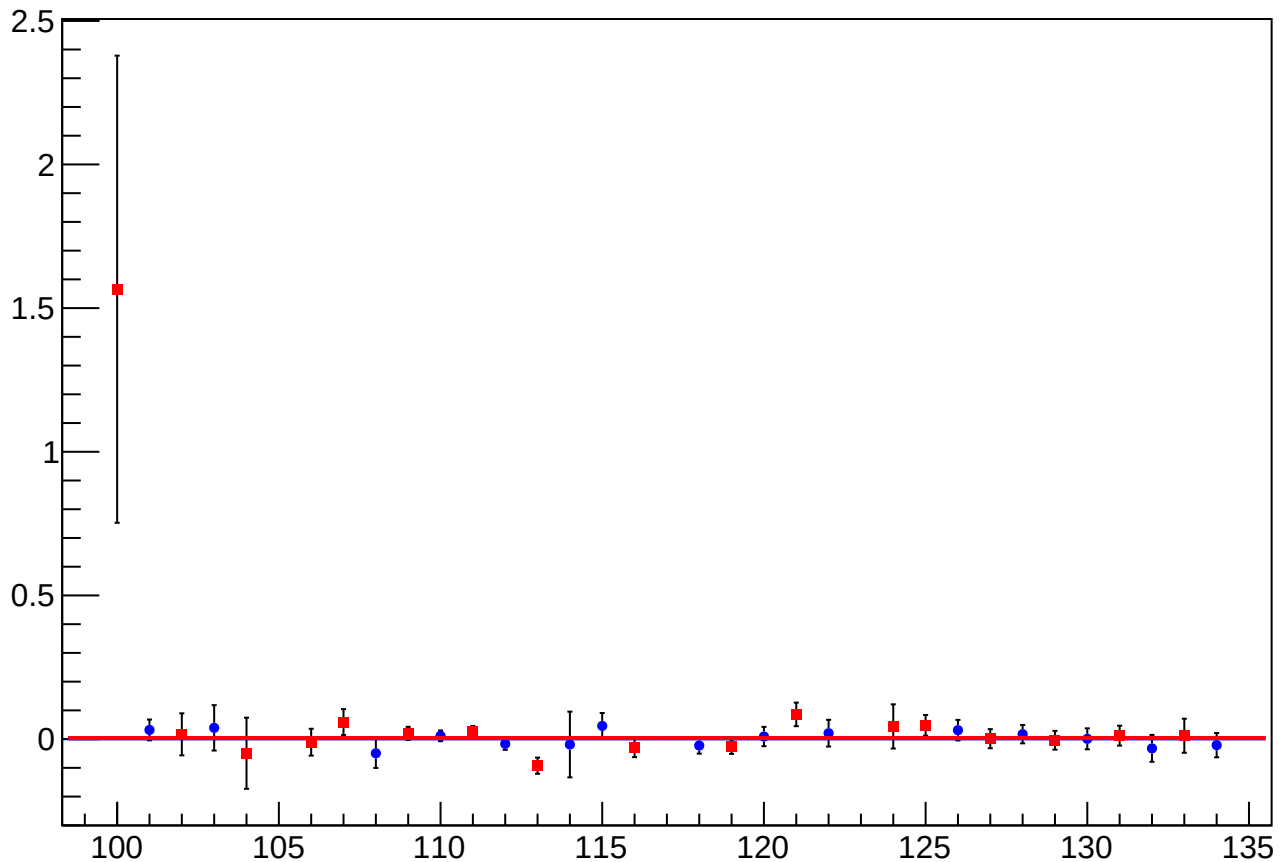
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 1752975.5/31

- sign 0.000 $\pm$ 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: 0.004 $\pm$ 0.008 χ^2 /NDF: 27.5/16

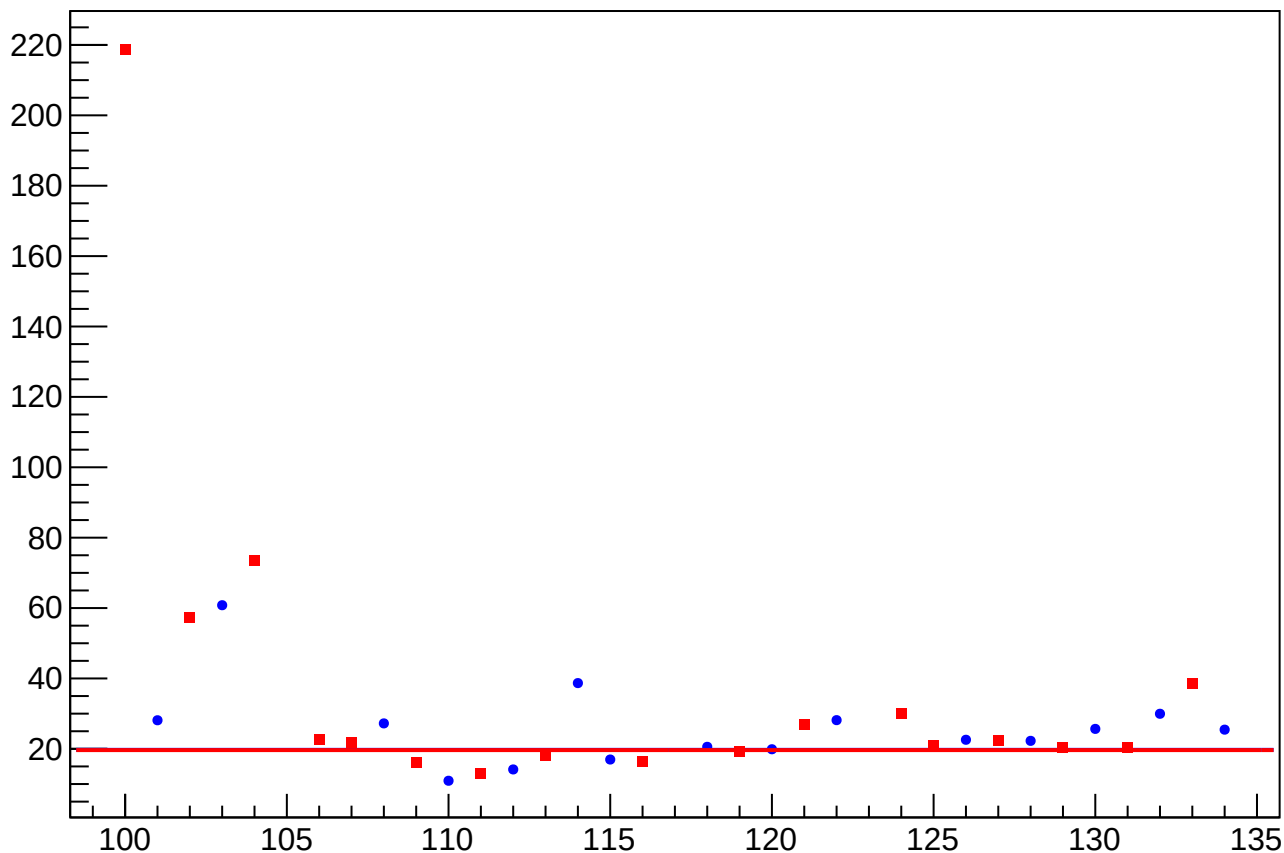
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.006 χ^2 /NDF: 34.1/31

- 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+/-0.006 χ^2/NDF : 1622824.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.643+/-0.006 χ^2/NDF : 1672041.7/16

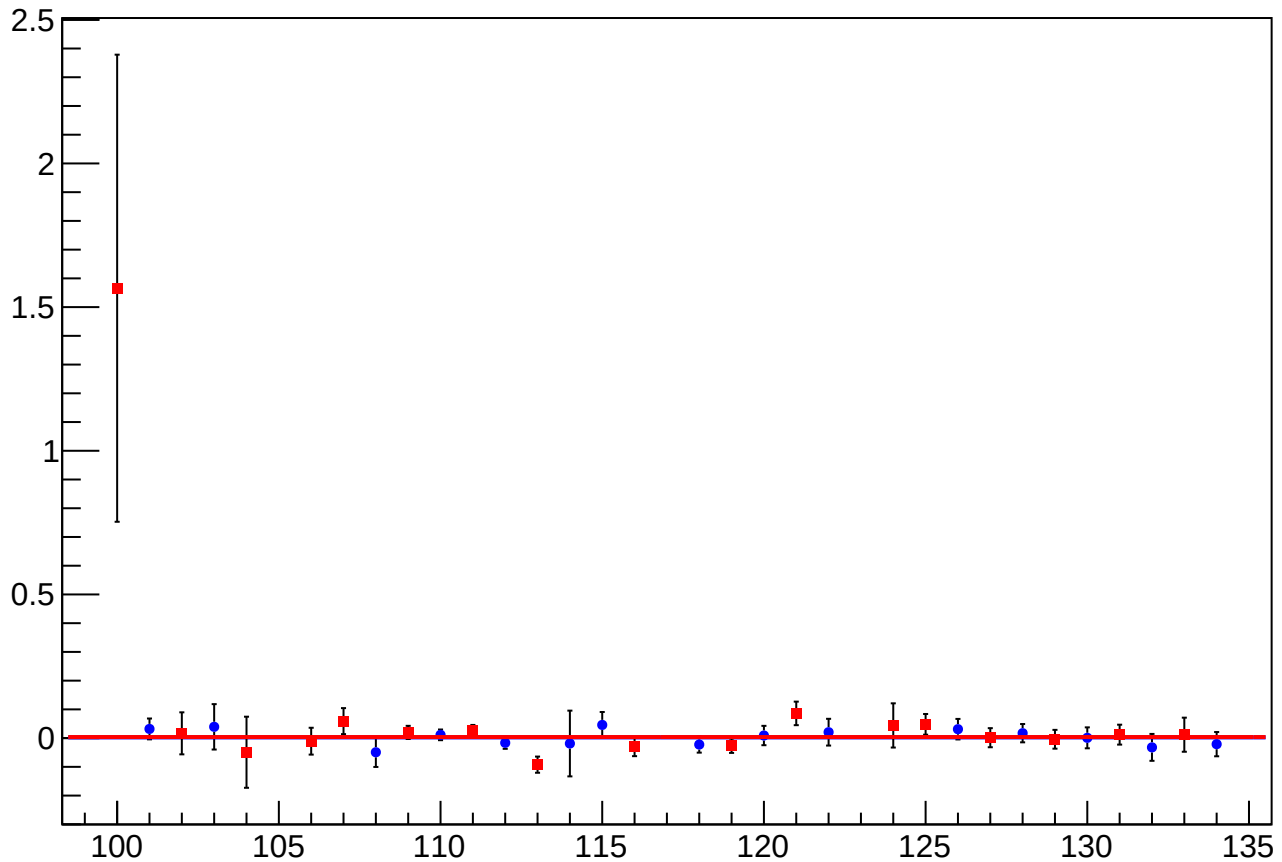
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.676+/-0.004 χ^2/NDF : 3294931.1/31

- sign 0.000+/-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: 0.004 $\pm$ 0.008 χ^2 /NDF: 27.5/16

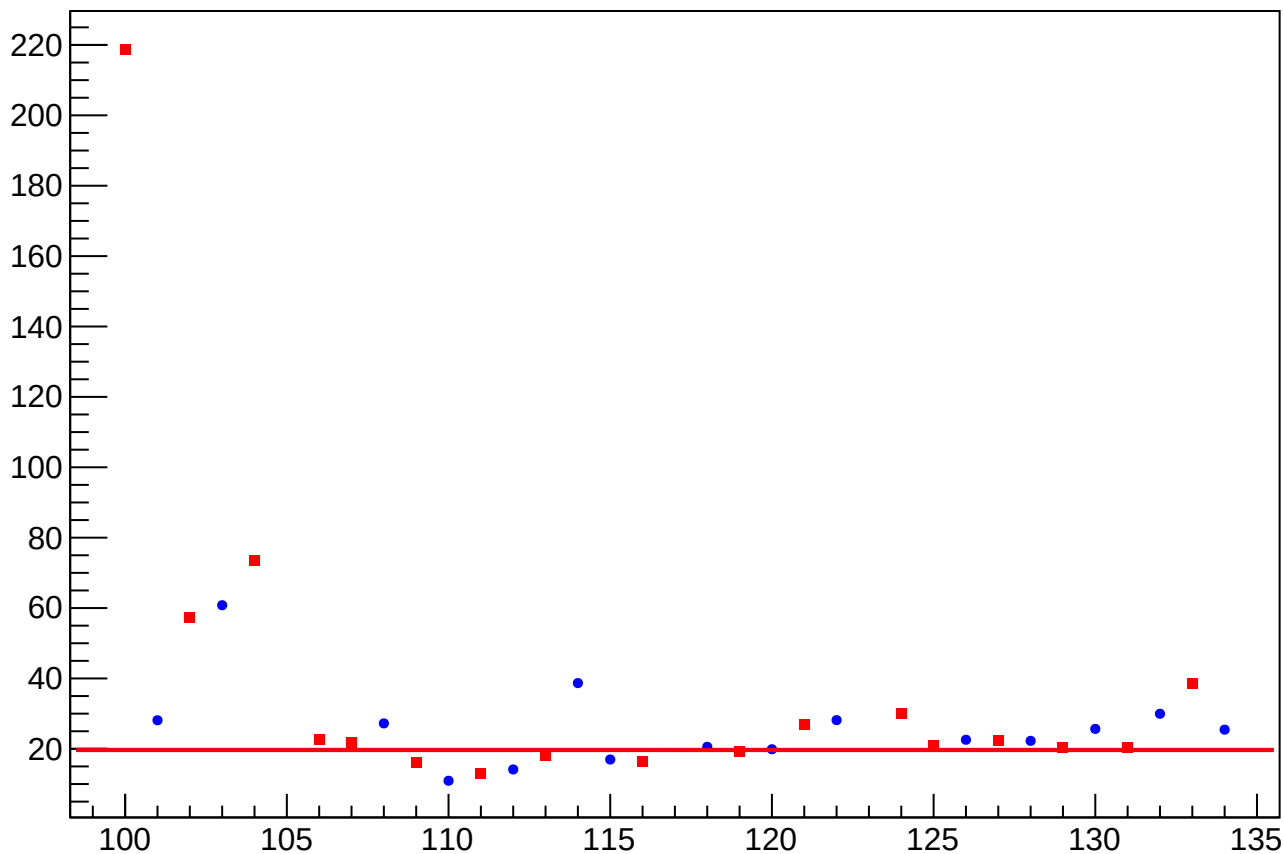
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.006 χ^2 /NDF: 34.1/31

- 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: 19.643+/-0.006 χ^2/NDF : 1672041.7/16

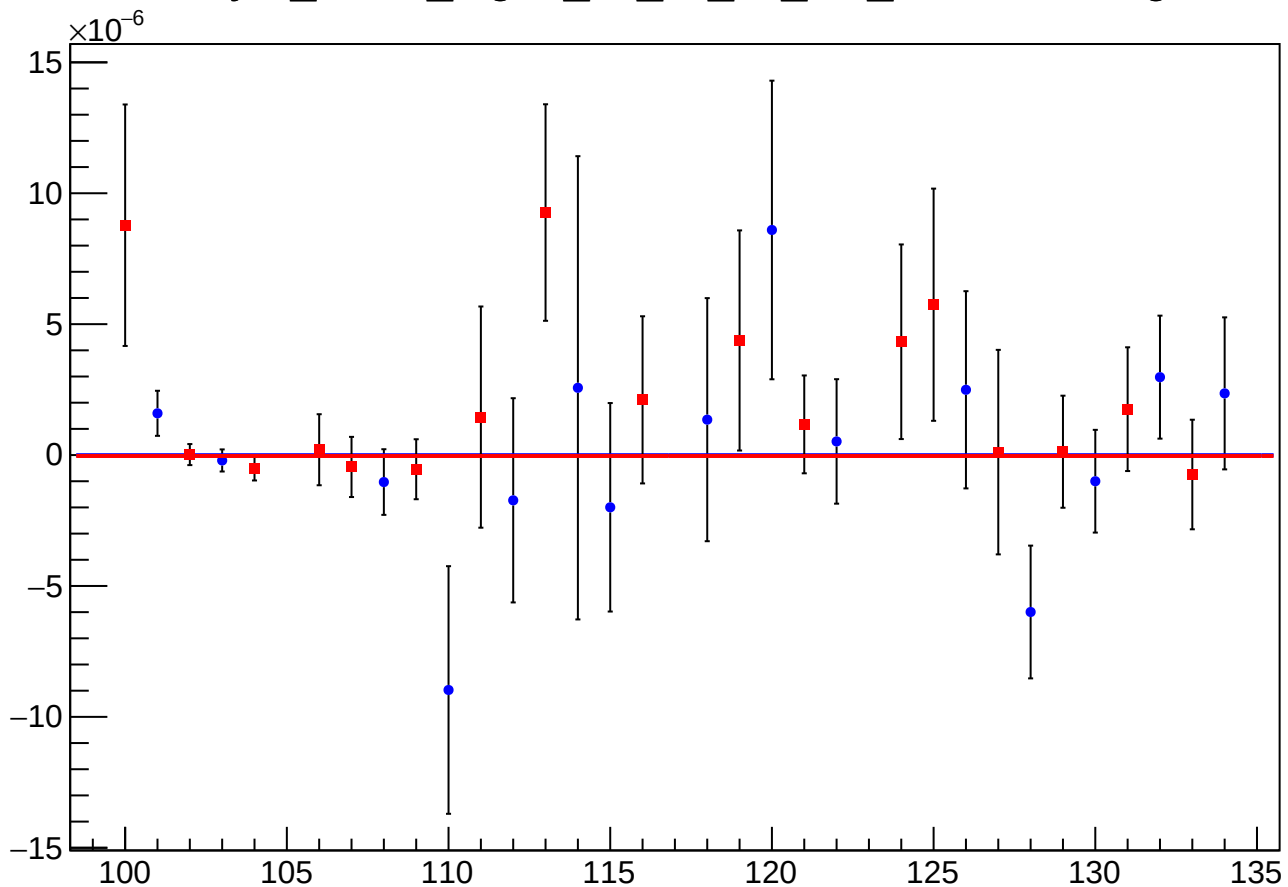
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.676+/-0.004 χ^2/NDF : 3294931.1/31

- 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+/-0.000 χ^2 /NDF: 19.4/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 16.1/16

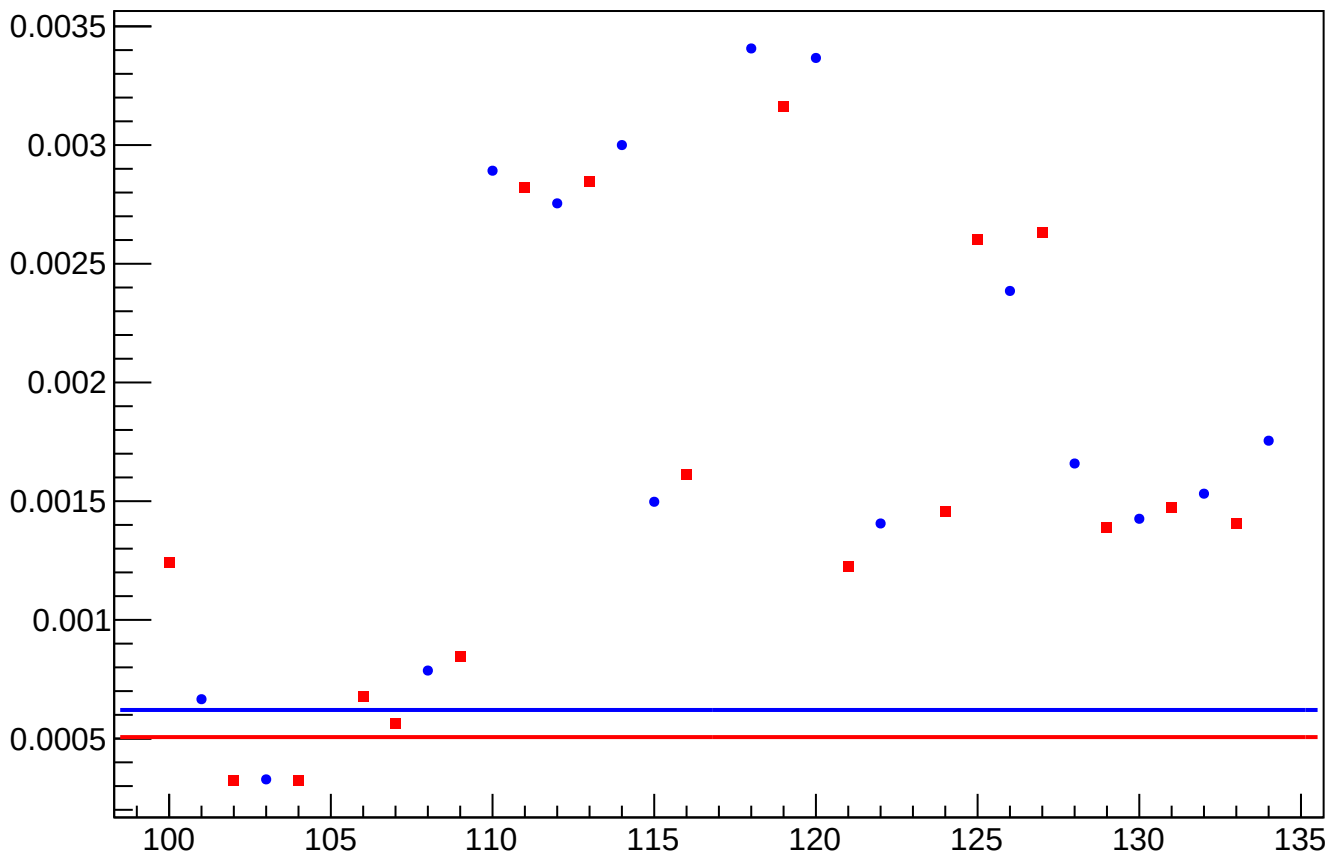
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 35.6/31

- sign 0.000+/-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 : 5799380.6/16

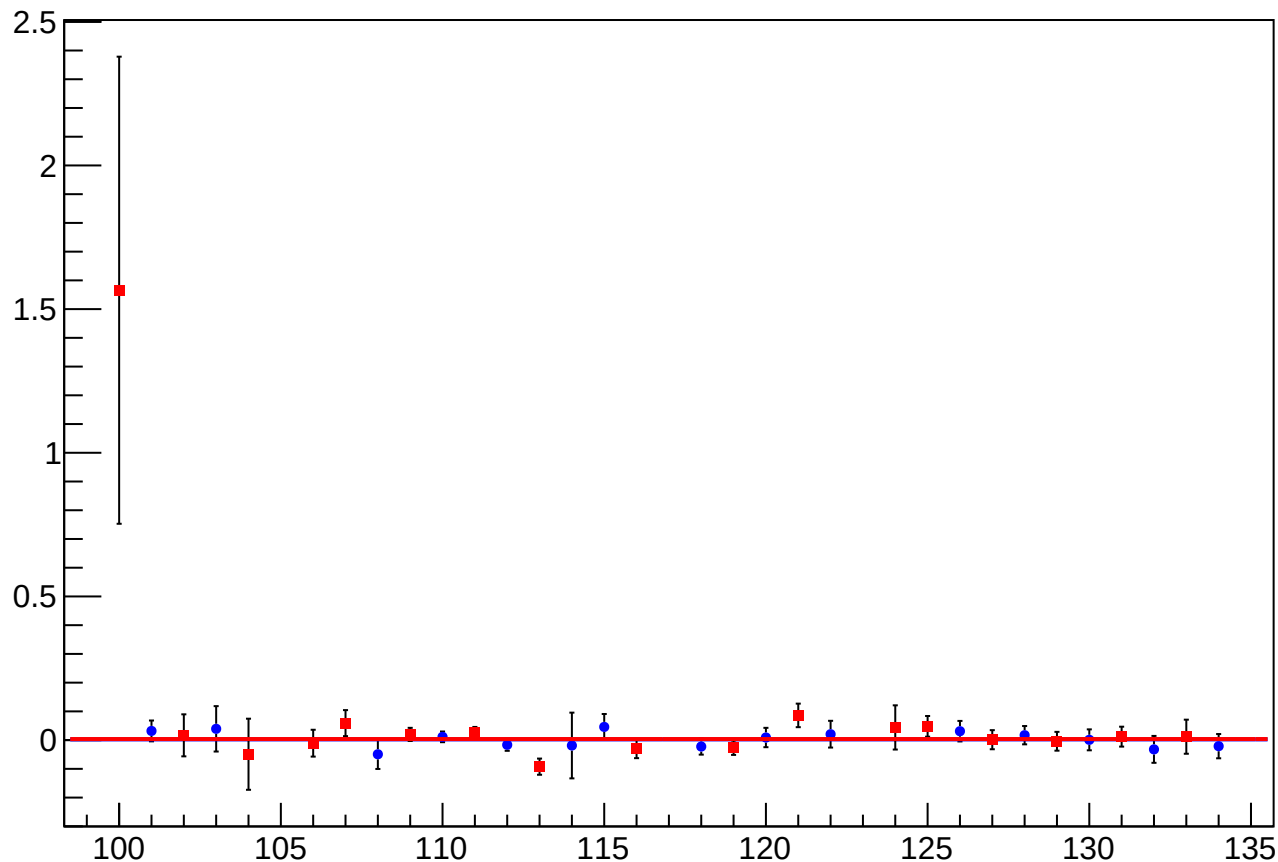
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 11365690.8/31

- 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: 0.004 $\pm$ 0.008 χ^2 /NDF: 27.5/16

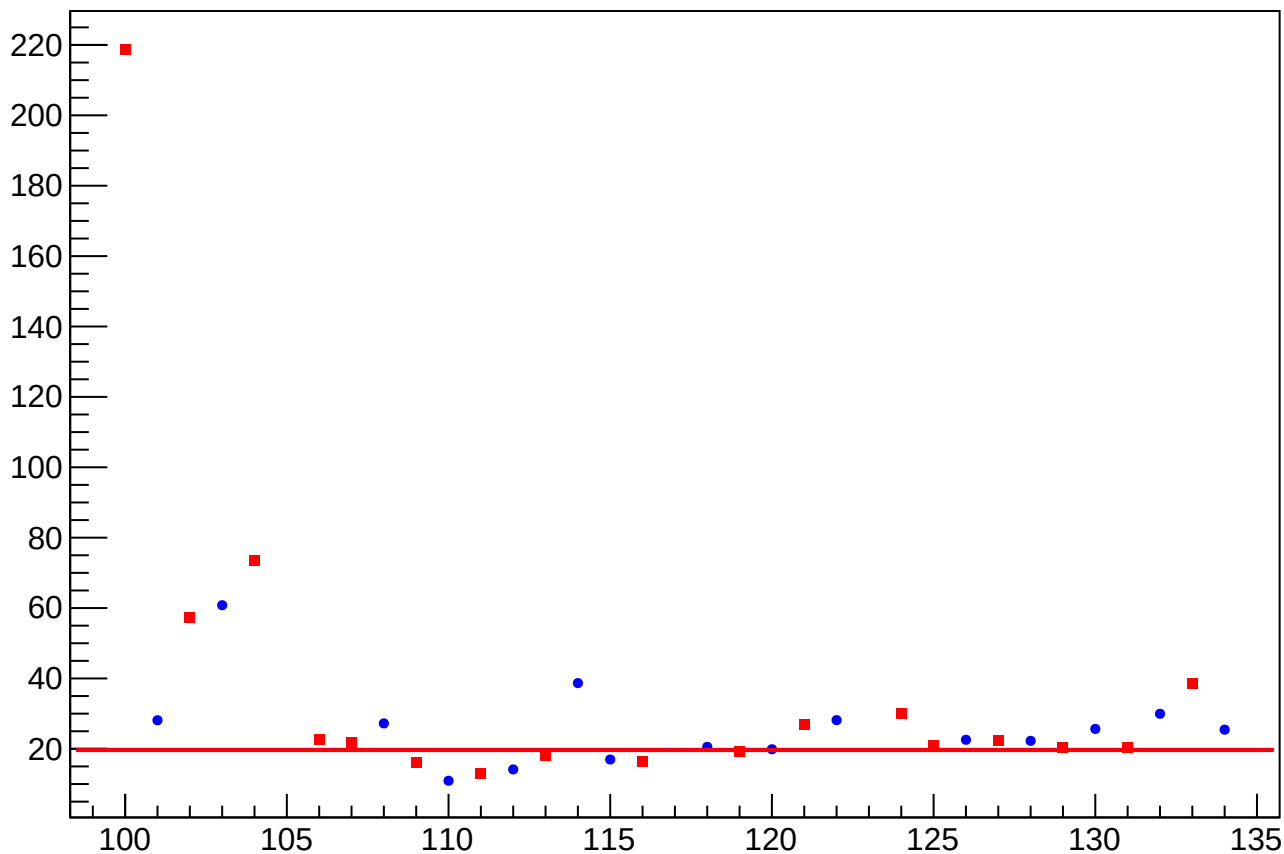
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.006 χ^2 /NDF: 34.1/31

- 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: 19.643 $\pm$ 0.006 χ^2 /NDF: 1671974.5/16

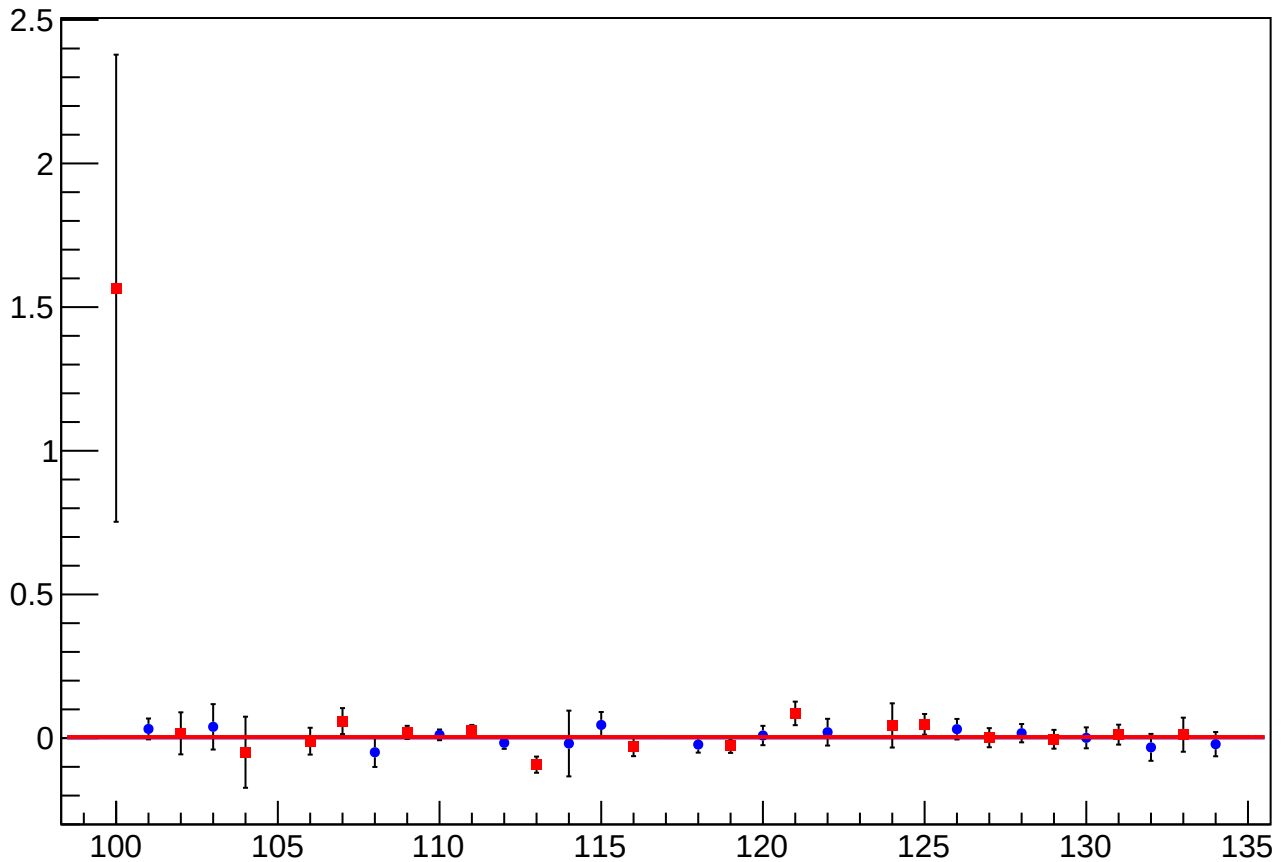
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.676 $\pm$ 0.004 χ^2 /NDF: 3294695.7/31

- 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: 0.004 $\pm$ 0.008 χ^2 /NDF: 27.5/16

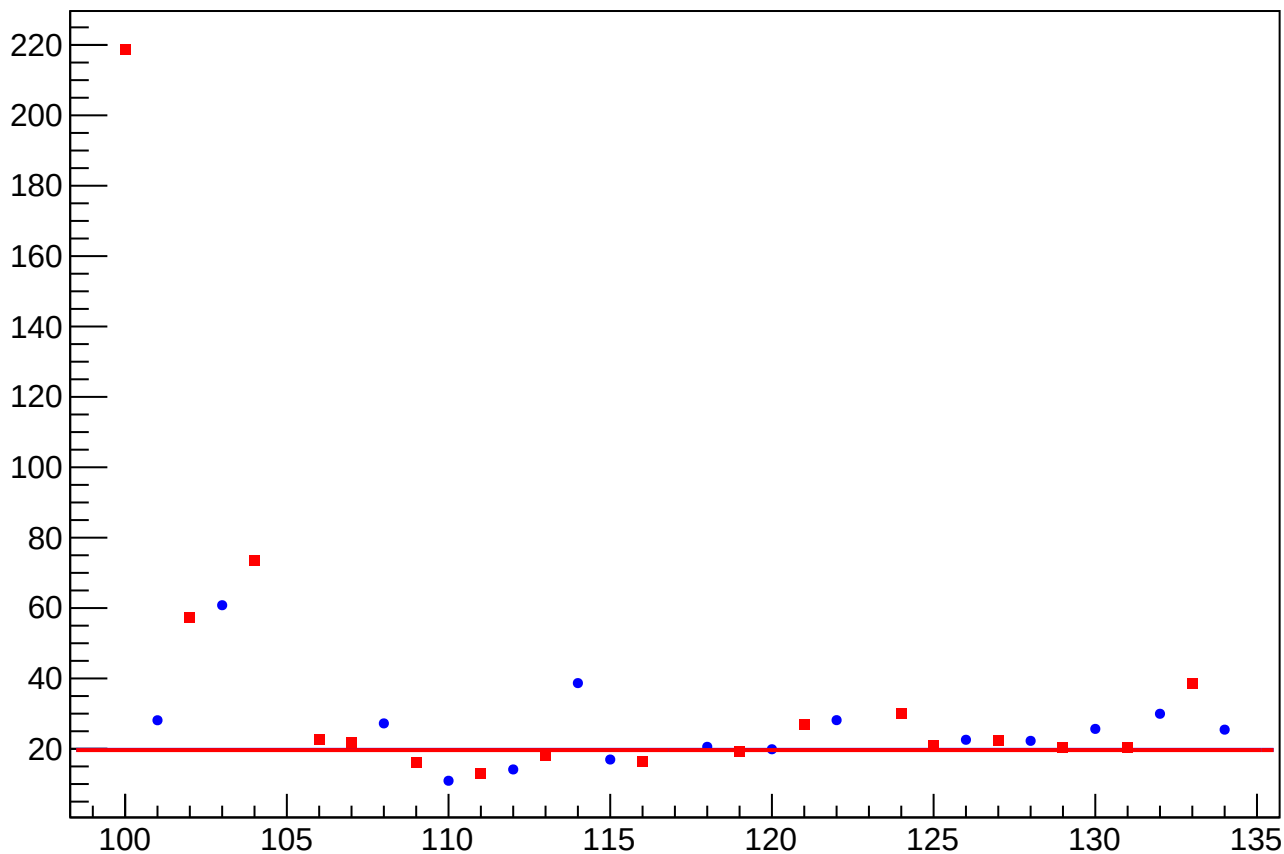
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.006 χ^2 /NDF: 34.1/31

- 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: 19.643+/-0.006 χ^2/NDF : 1671974.5/16

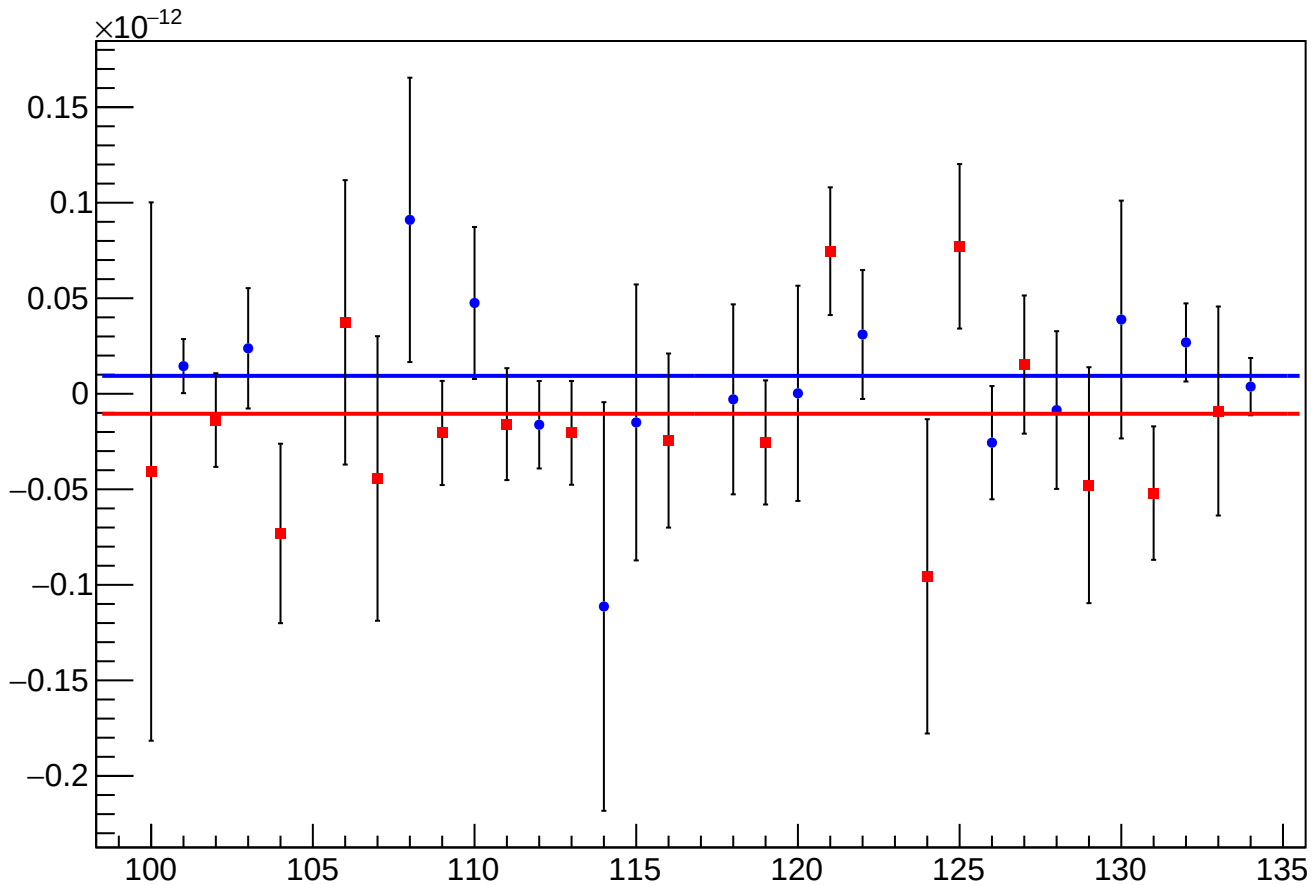
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.676+/-0.004 χ^2/NDF : 3294695.7/31

- 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 : 17.1/16

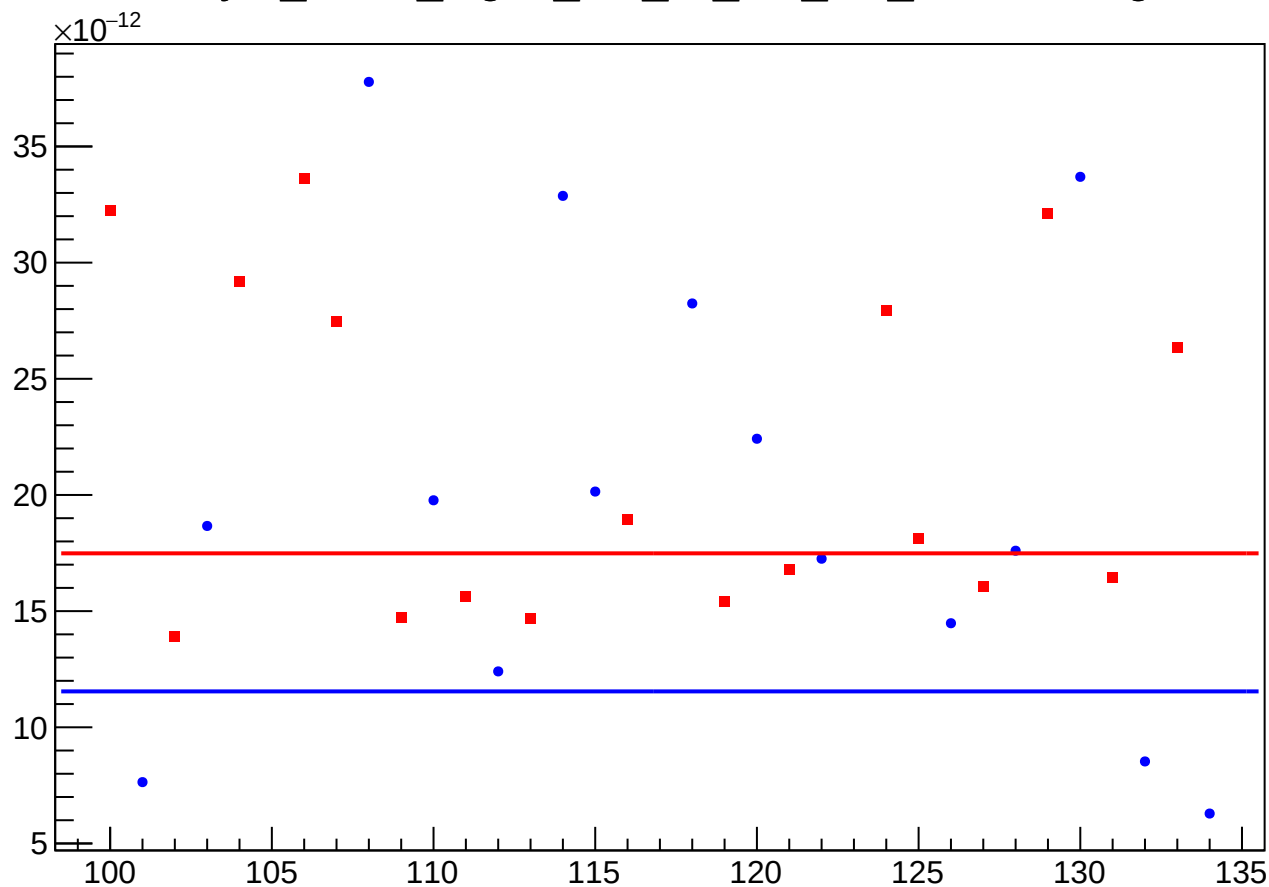
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.2/31

- 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: 582223.8/16

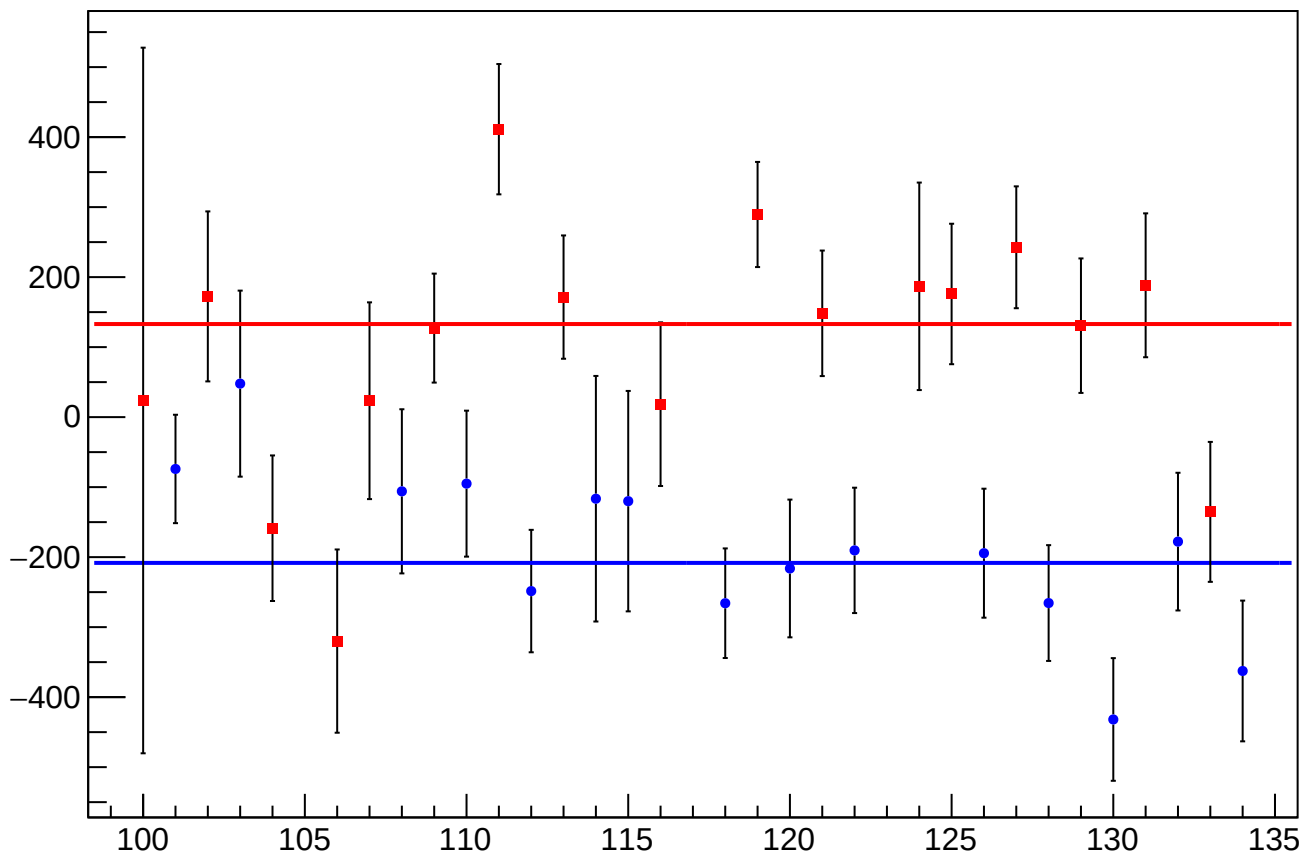
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2756790.1/31

- 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: 132.975 ± 24.712 χ^2/NDF : 44.5/16

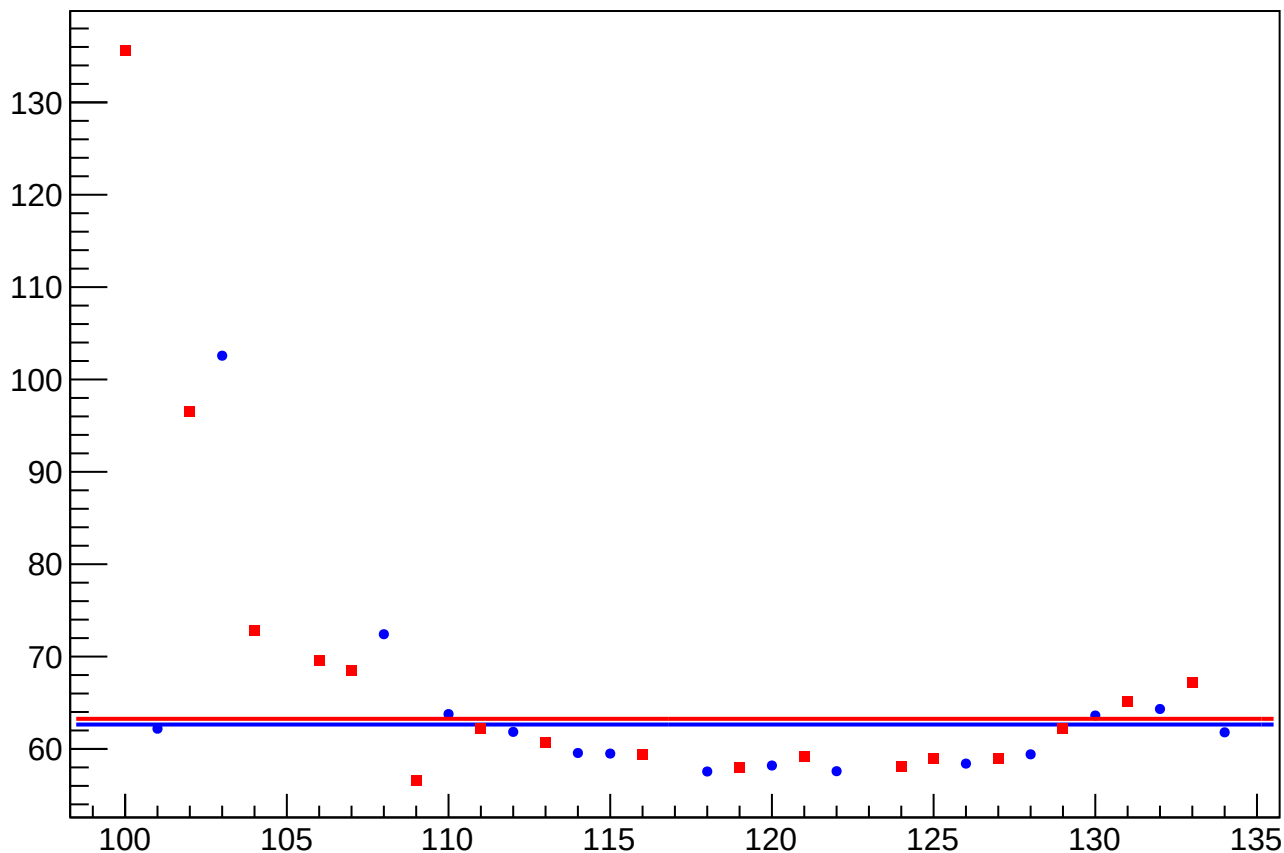
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.560 ± 17.630 χ^2/NDF : 157.6/31

- 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: 63.260+/-0.017 χ^2/NDF : 263447.6/16

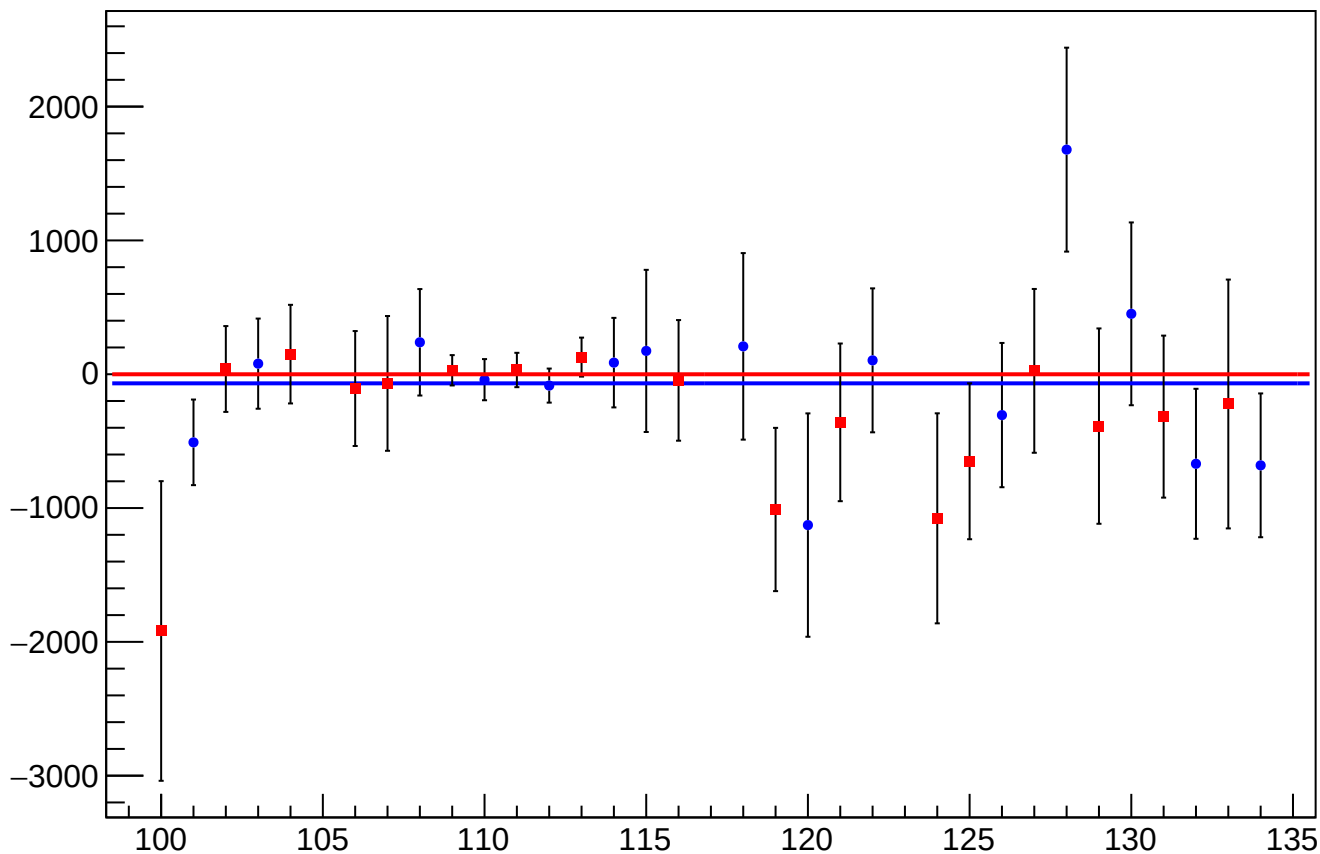
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.957+/-0.012 χ^2/NDF : 487591.1/31

- 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: -0.284+/-65.047 χ^2/NDF : 11.0/16

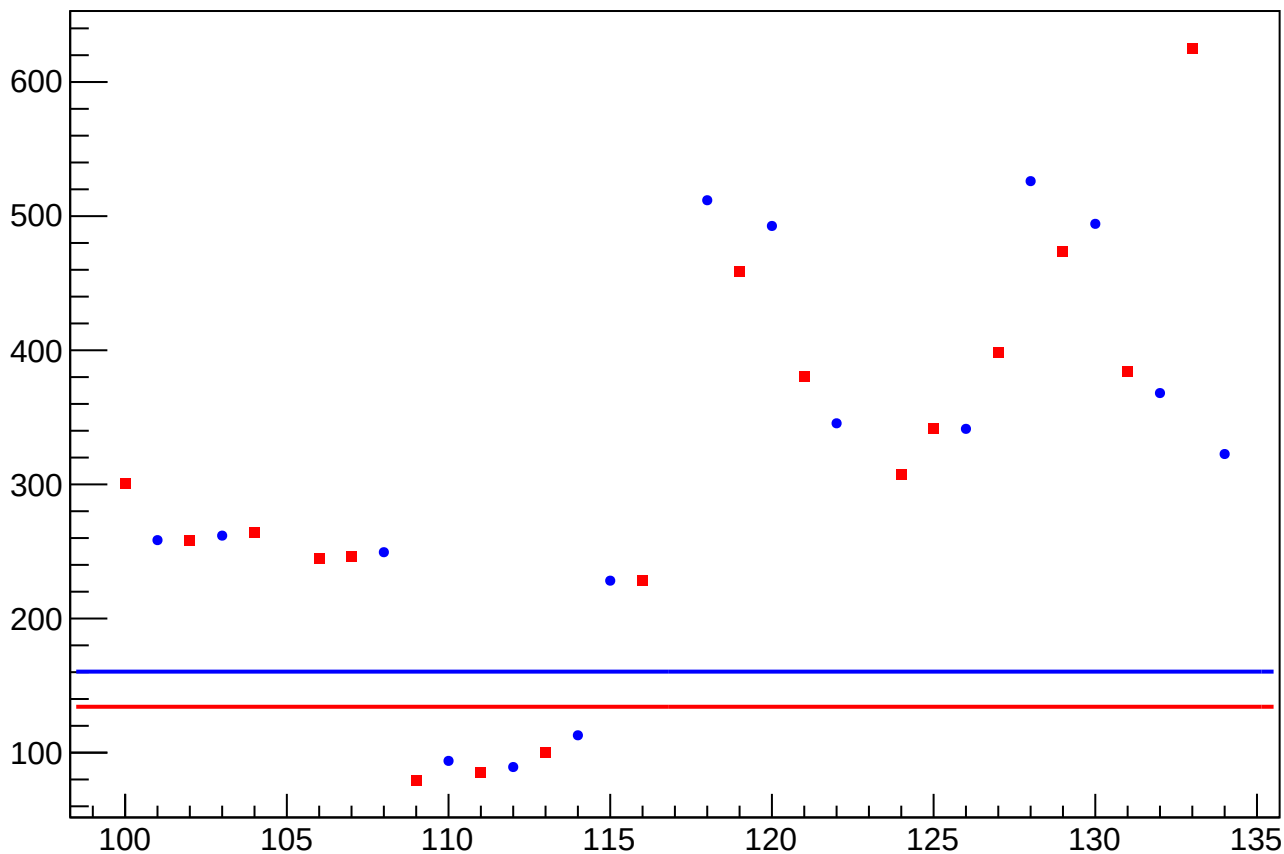
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.804+/-50.135 χ^2/NDF : 24.9/31

- 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: 134.214+/-0.046 χ^2/NDF : 4751252.6/16

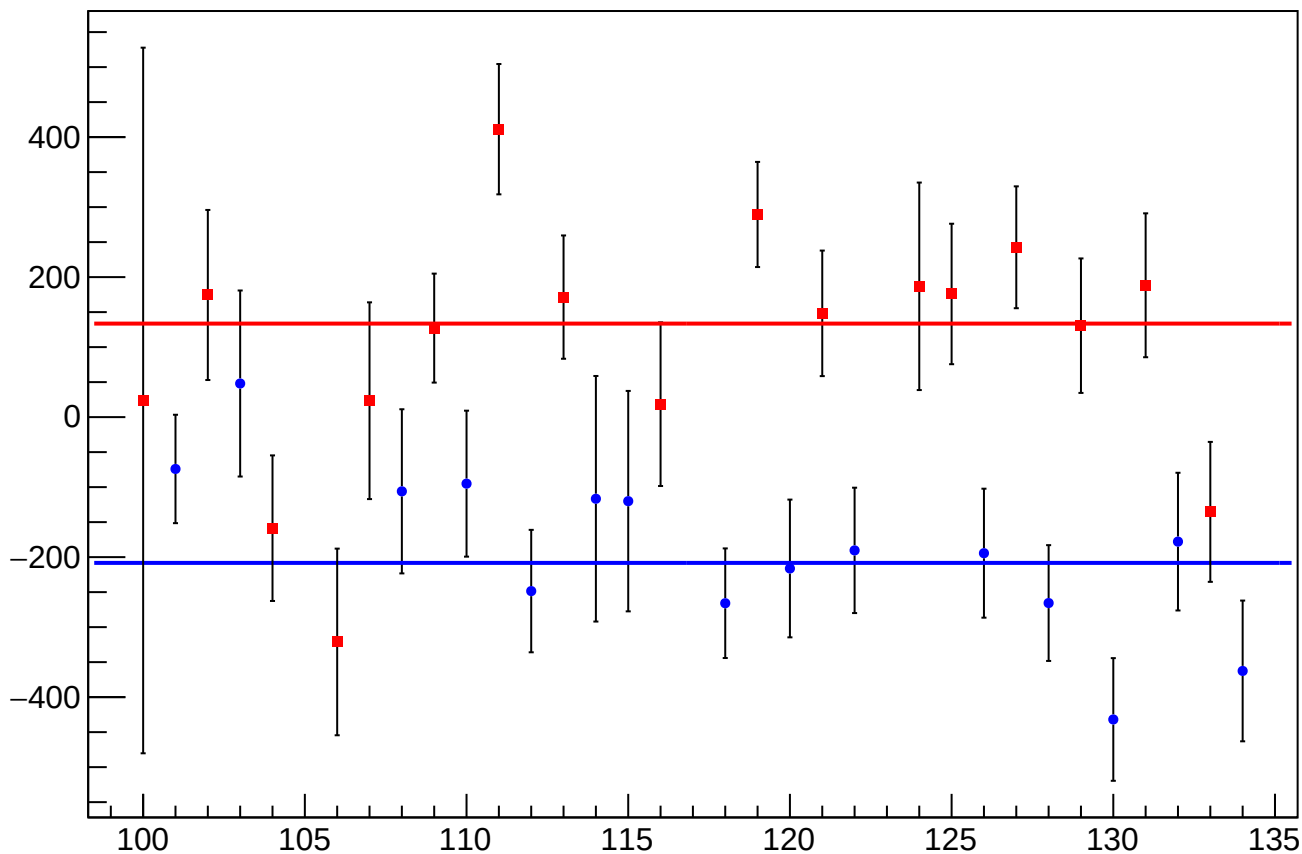
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.849+/-0.035 χ^2/NDF : 9100250.4/31

- 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: 133.598 ± 24.728 χ^2/NDF : 44.1/16

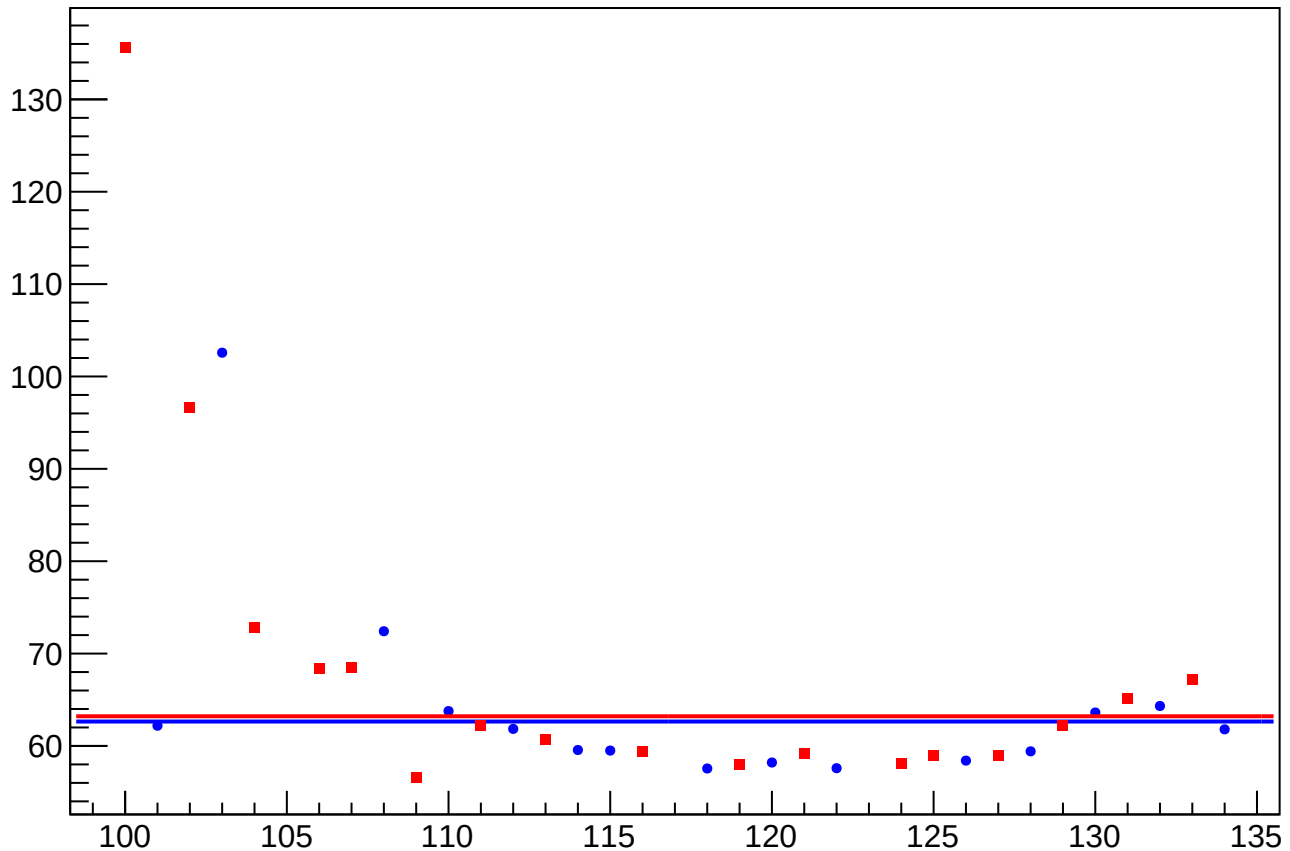
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.354 ± 17.636 χ^2/NDF : 157.5/31

- 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: 63.212+/-0.017 χ^2/NDF : 261955.8/16

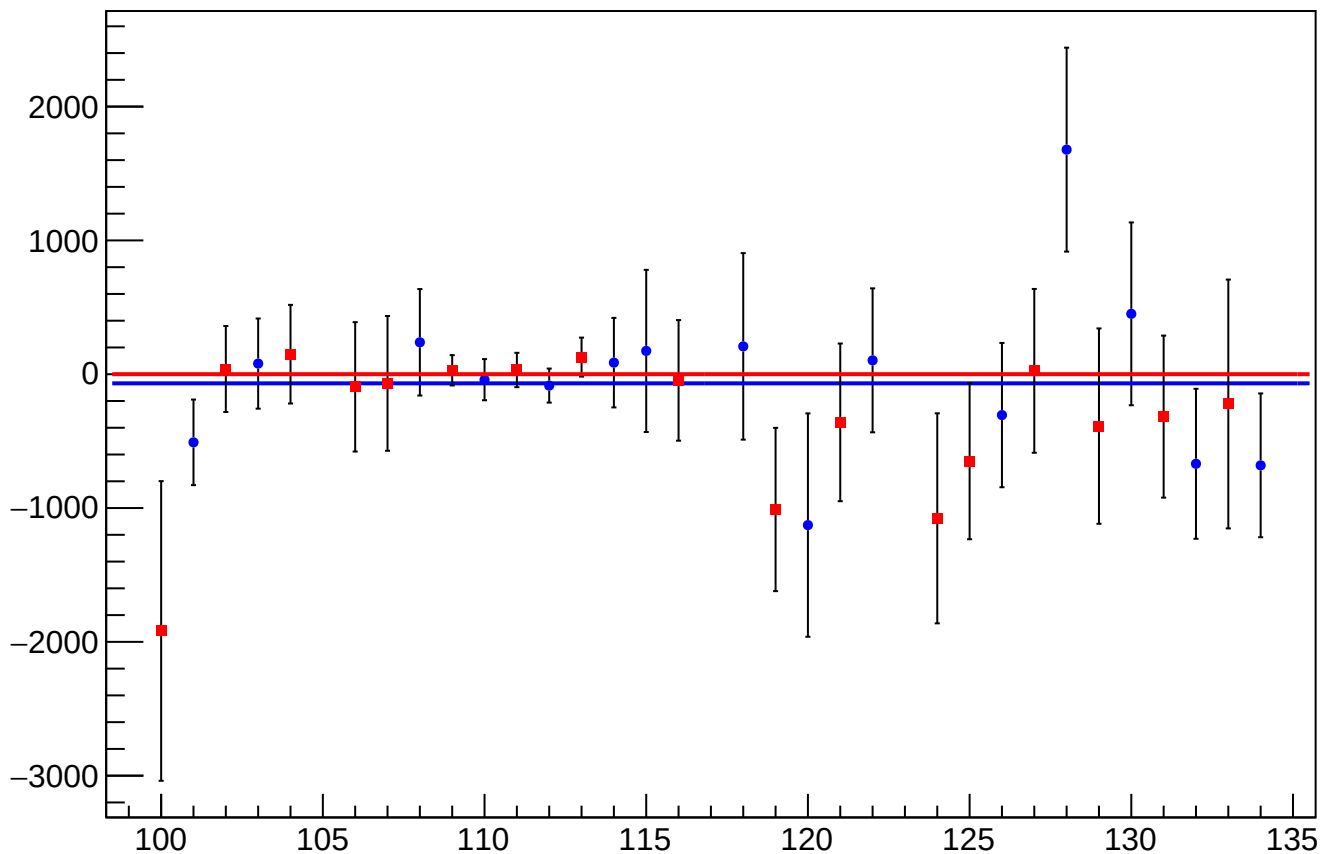
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.932+/-0.012 χ^2/NDF : 486010.0/31

- 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: 0.439 ± 65.207 χ^2/NDF : 10.9/16

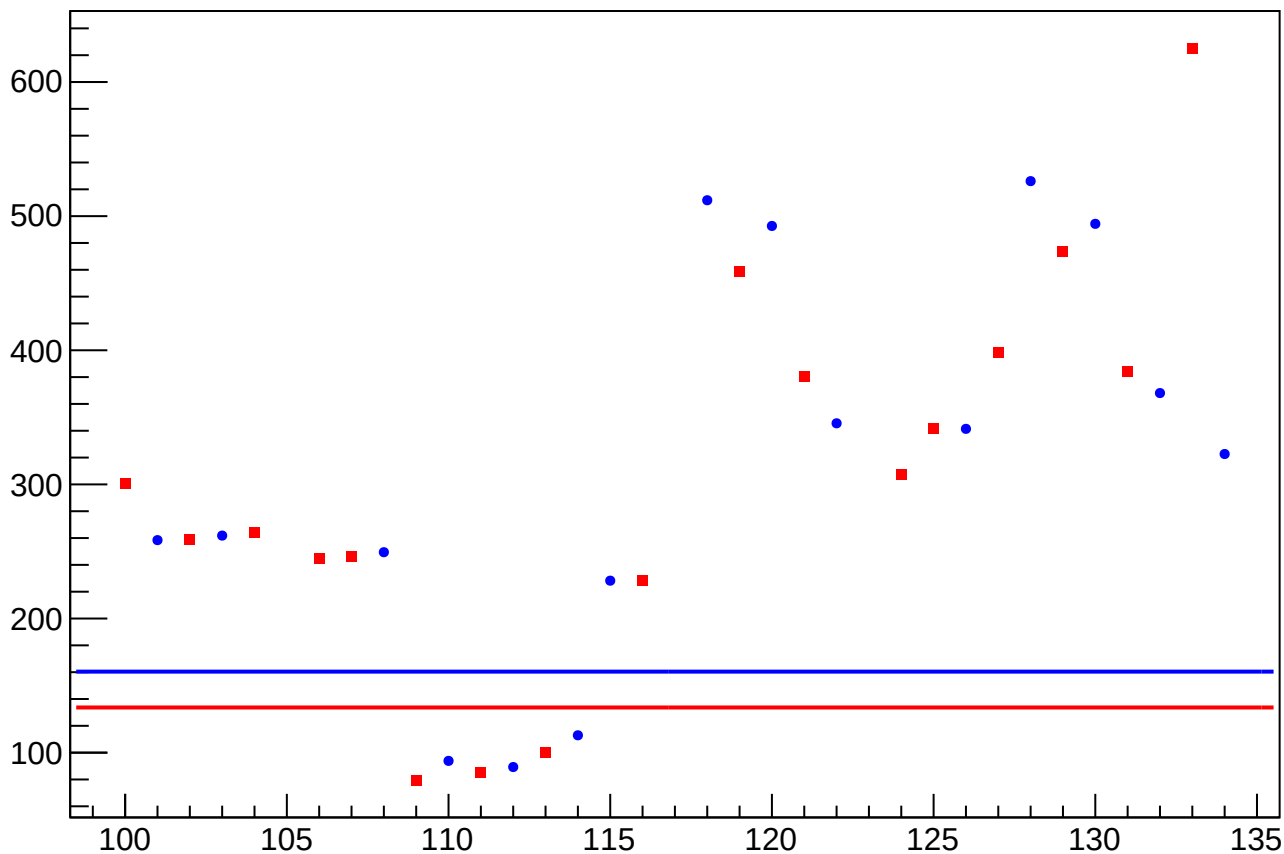
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -27.448 ± 50.208 χ^2/NDF : 24.9/31

- 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: 133.681+/-0.046 χ^2/NDF : 4724467.1/16

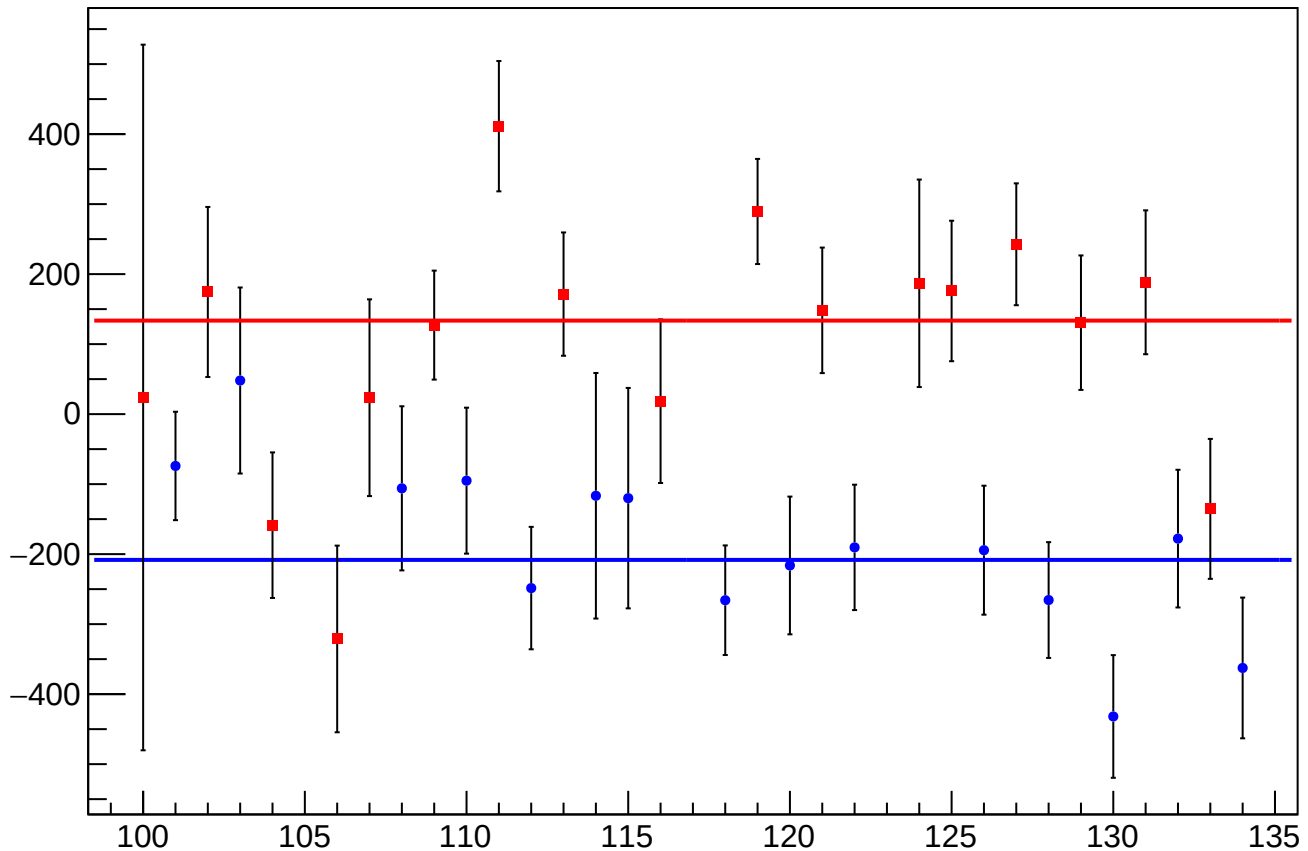
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.565+/-0.036 χ^2/NDF : 9078657.7/31

- 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: 133.598 ± 24.728 χ^2/NDF : 44.1/16

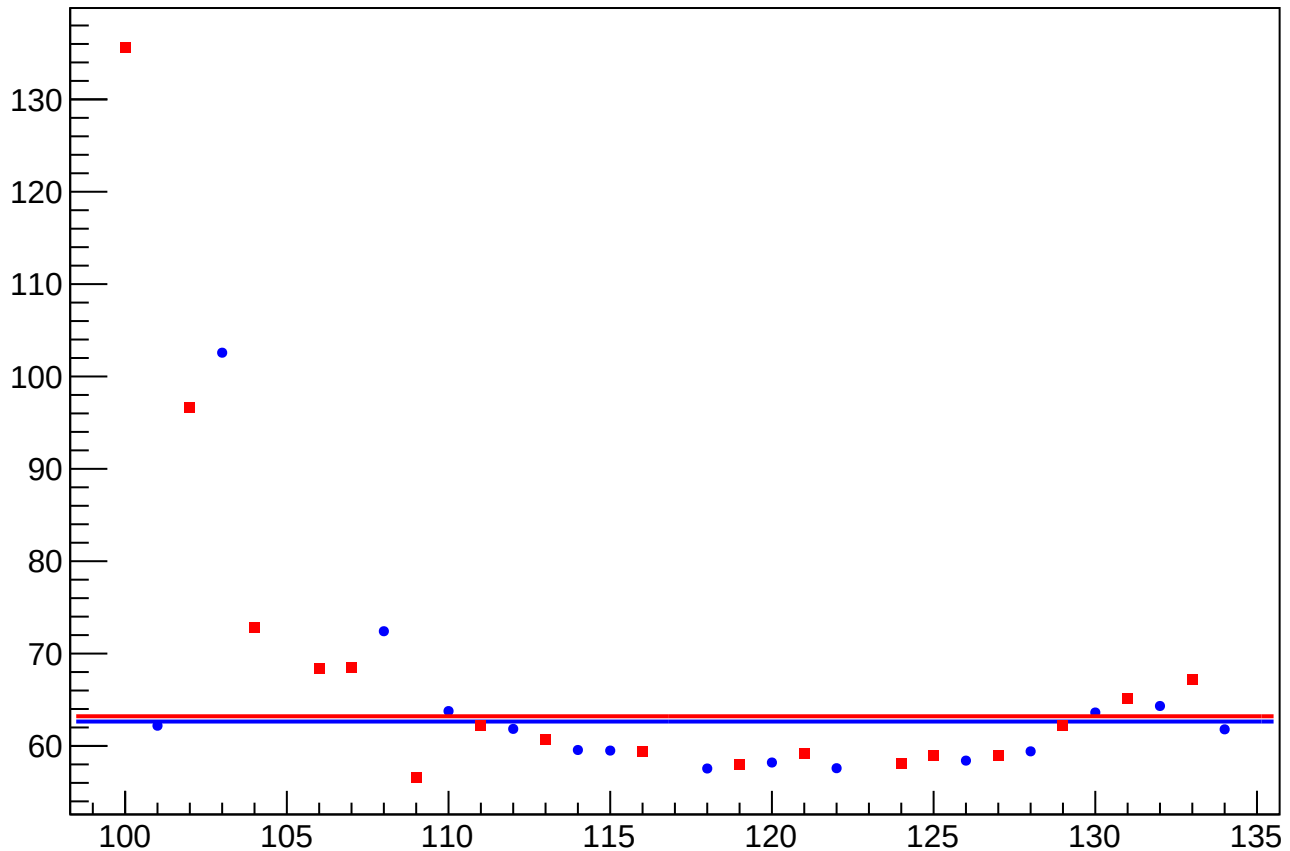
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.354 ± 17.636 χ^2/NDF : 157.5/31

- 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: 63.212+/-0.017 χ^2/NDF : 261955.8/16

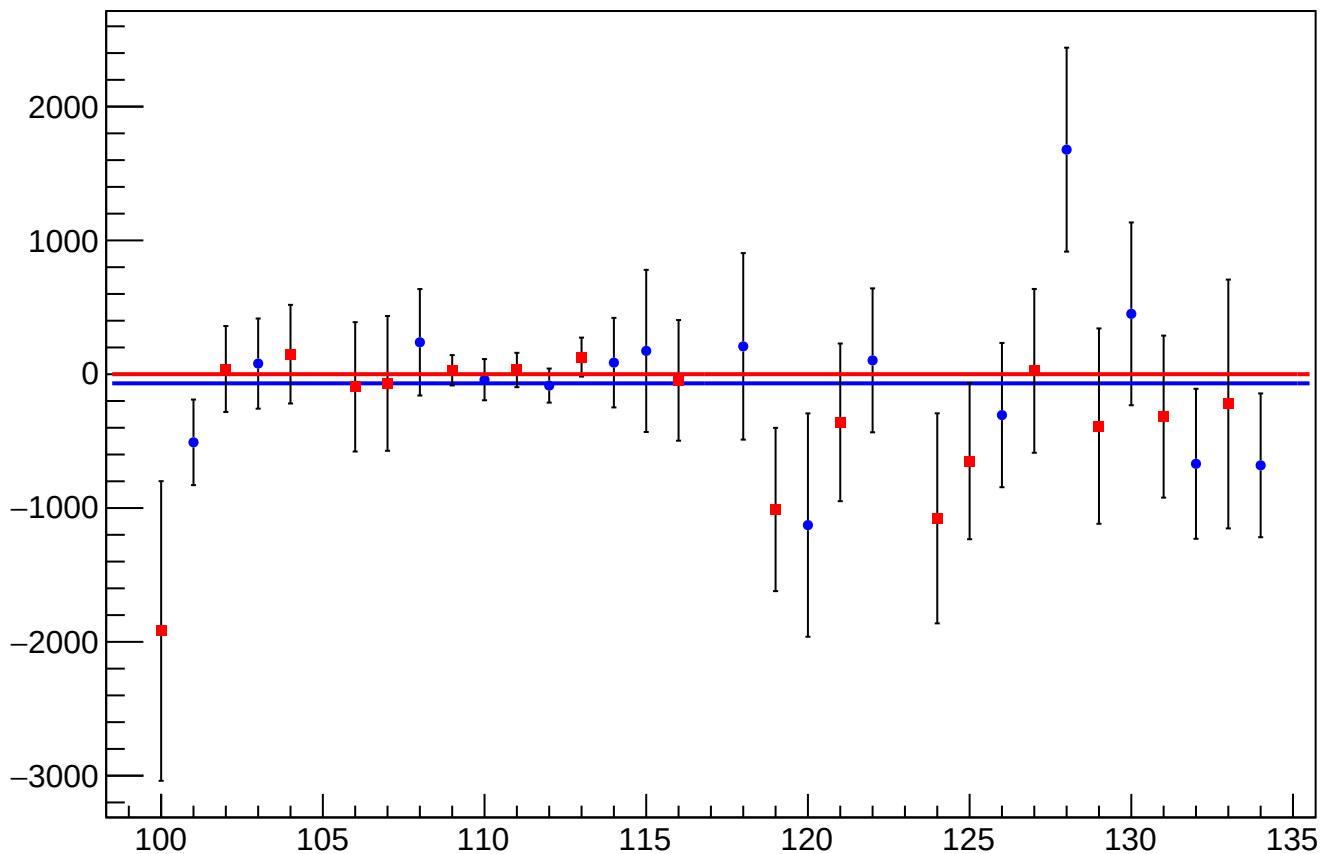
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.932+/-0.012 χ^2/NDF : 486010.0/31

- 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: 0.439+/-65.207 χ^2/NDF : 10.9/16

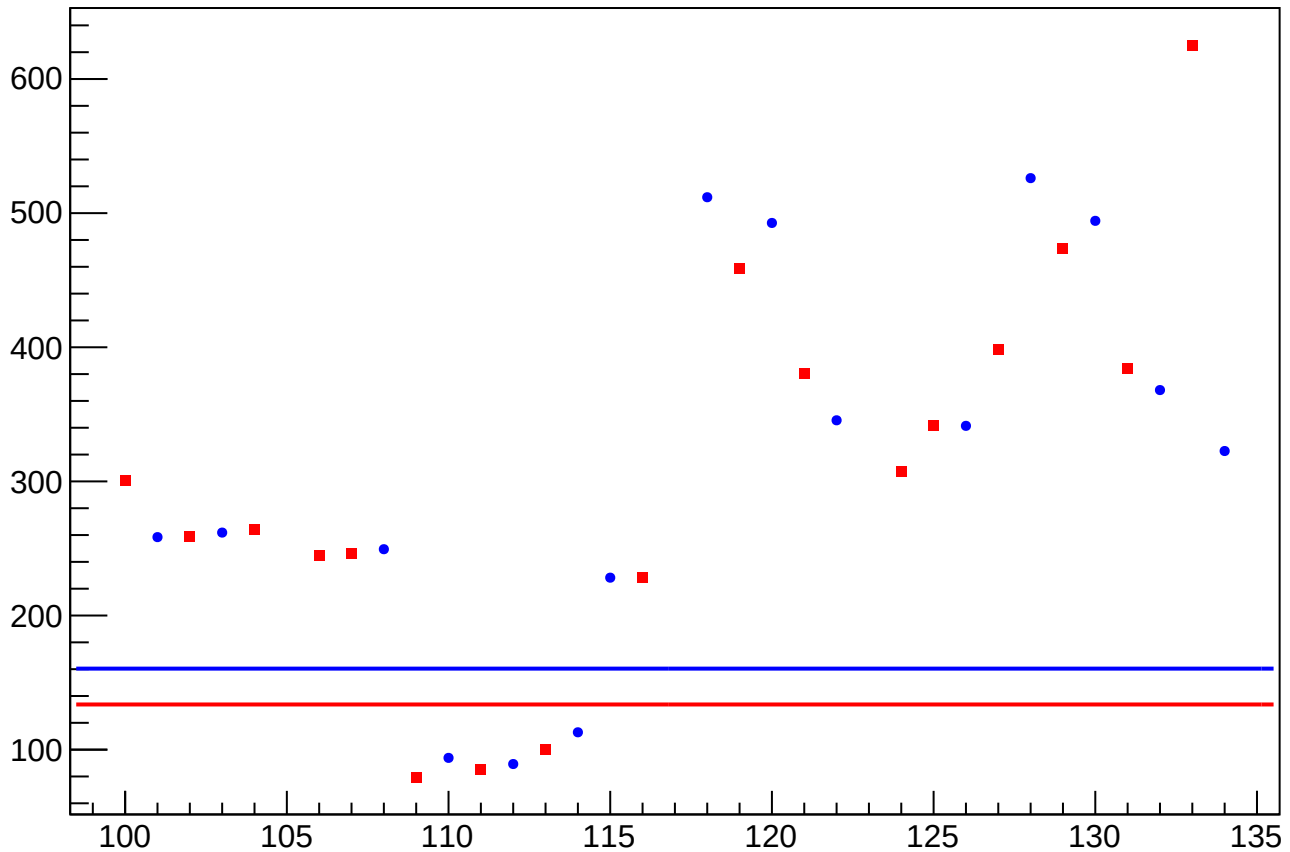
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.448+/-50.208 χ^2/NDF : 24.9/31

- 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: 133.681+/-0.046 χ^2/NDF : 4724467.1/16

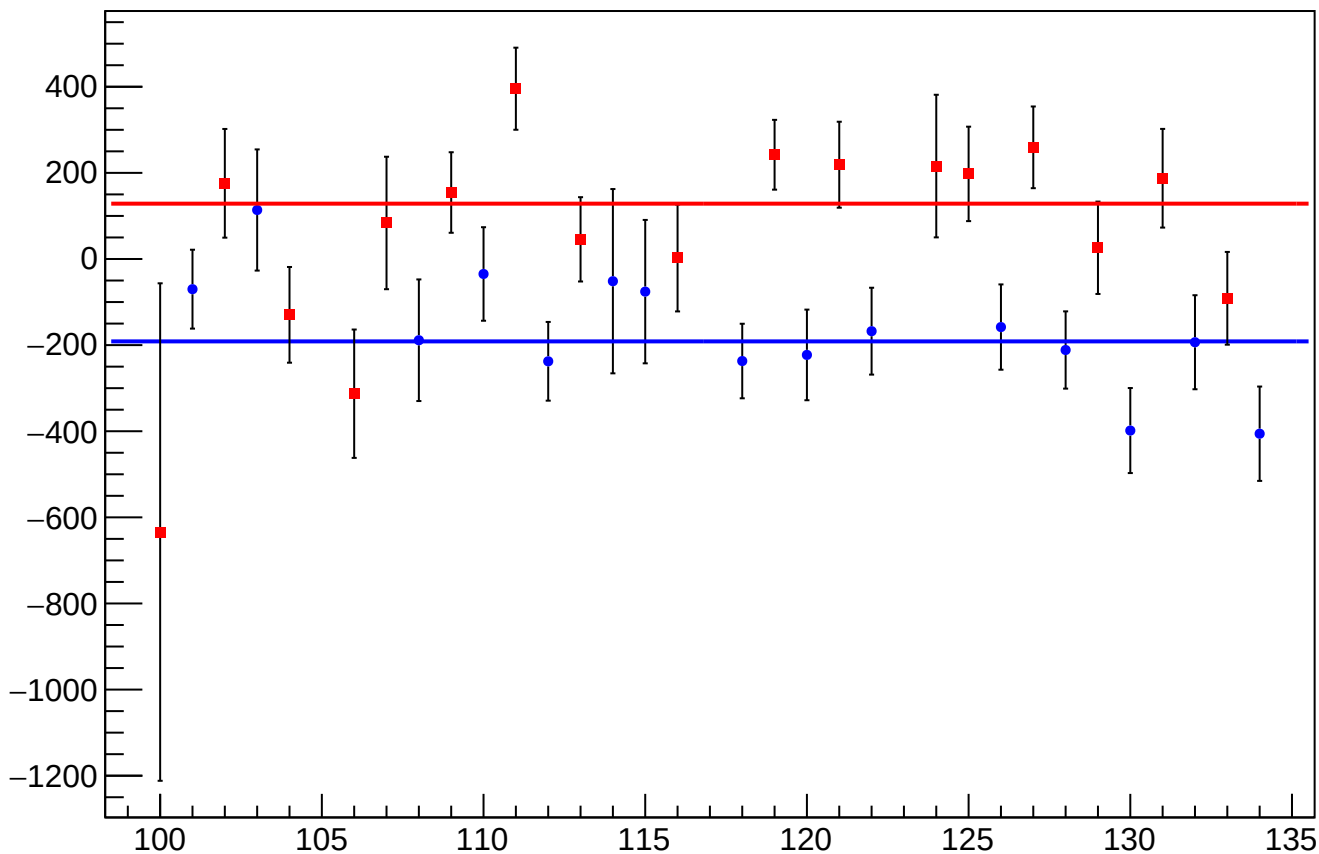
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.565+/-0.036 χ^2/NDF : 9078657.7/31

- 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: 128.507 ± 27.115 χ^2/NDF : 36.5/16

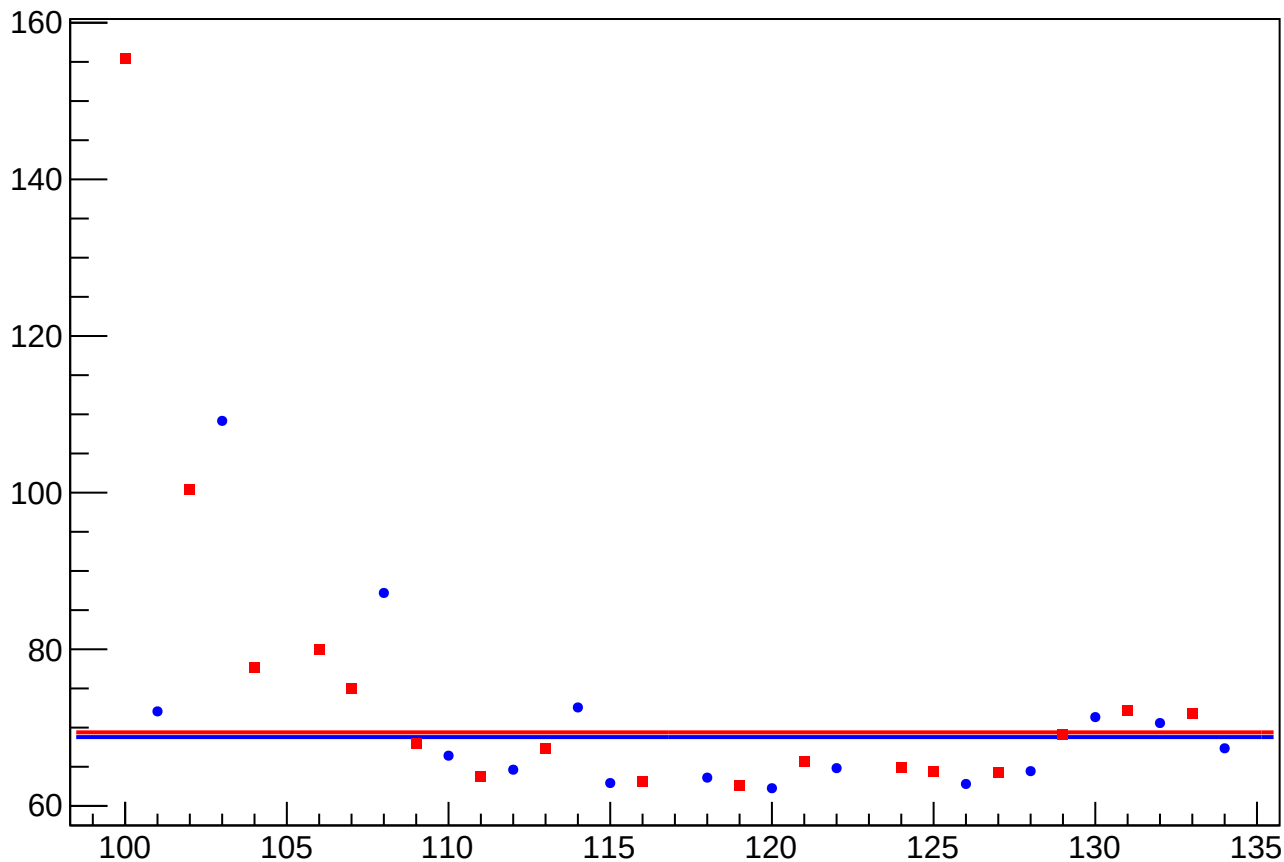
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -27.810 ± 19.388 χ^2/NDF : 123.0/31

- 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: 69.394 $\pm$ 0.019 χ^2 /NDF: 233406.9/16

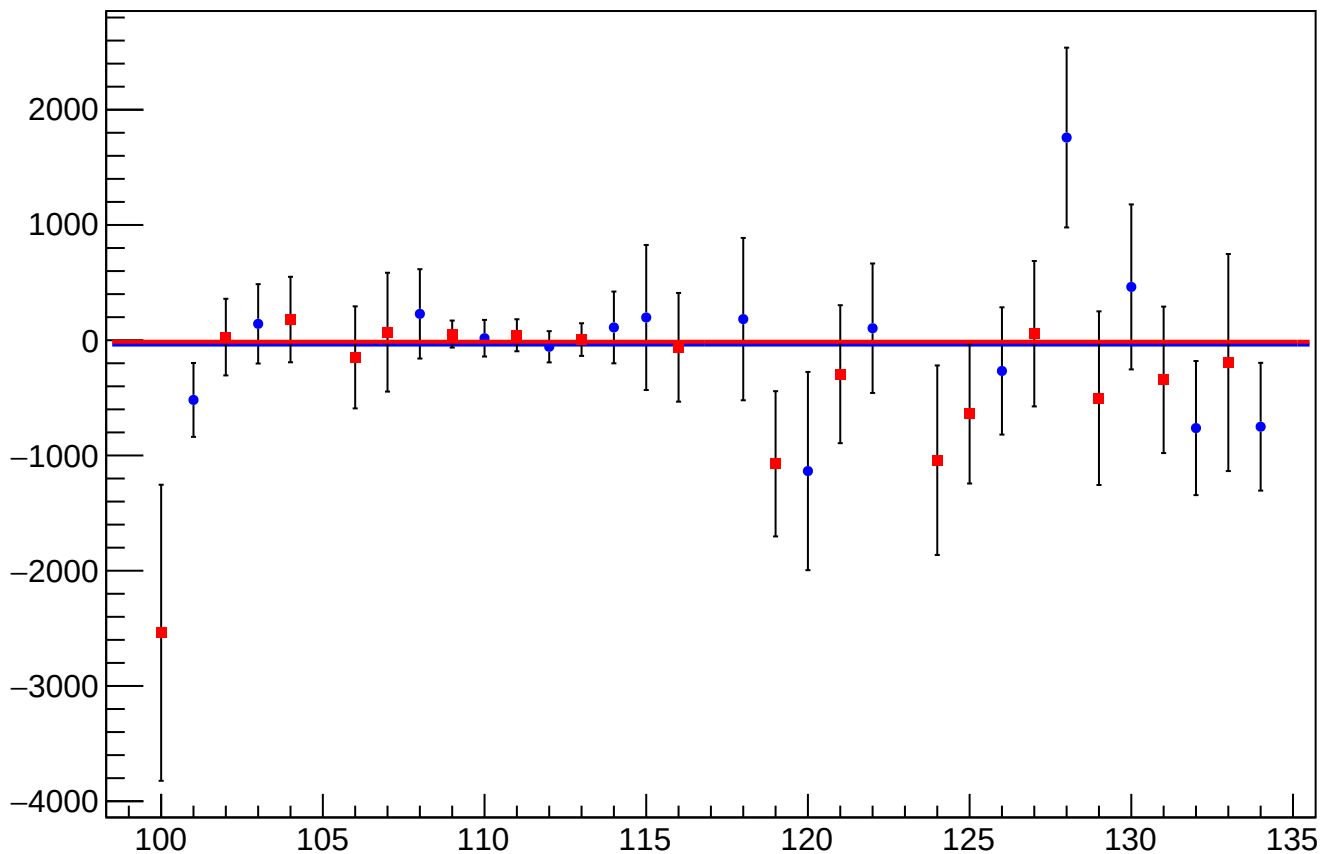
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 69.098 $\pm$ 0.014 χ^2 /NDF: 475473.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_dit_correction_mean vs Slug



Right In: -37.634 ± 81.292 χ^2/NDF : 14.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -13.305 ± 67.085 χ^2/NDF : 11.2/16

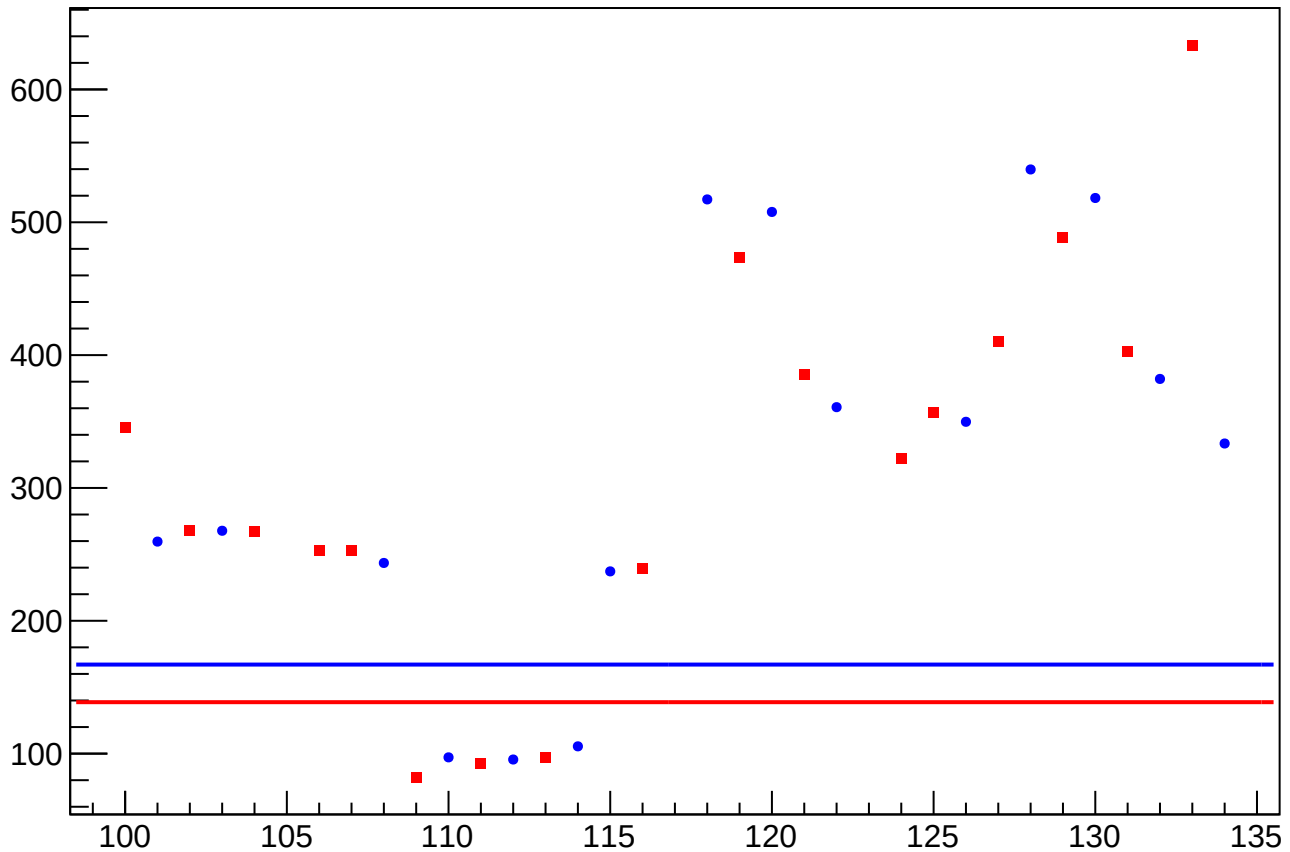
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -23.161 ± 51.742 χ^2/NDF : 25.7/31

- sign 0.000 ± 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: 138.728 $\pm$ 0.047 χ^2 /NDF: 4738226.3/16

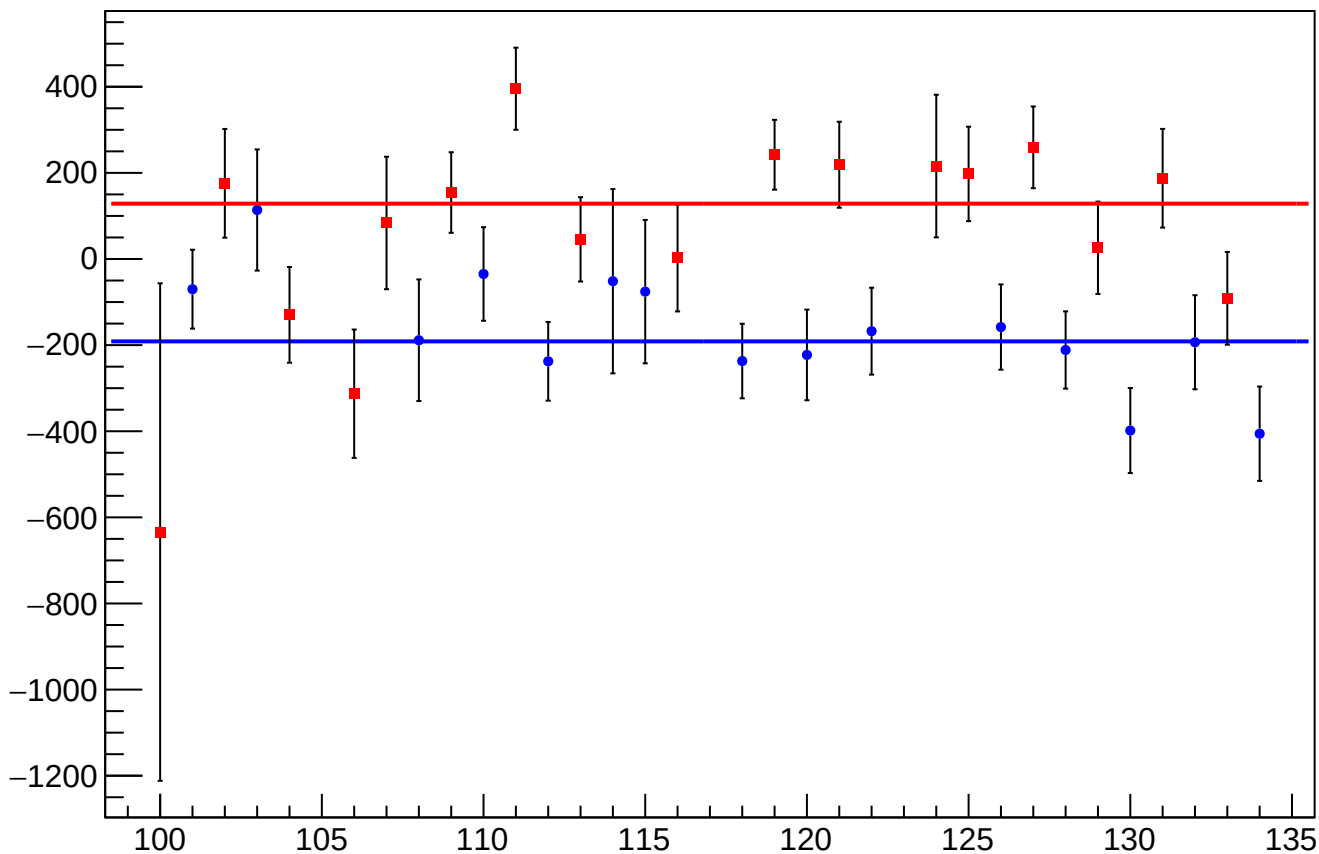
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 150.197 $\pm$ 0.037 χ^2 /NDF: 9001051.3/31

- 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: 128.509 ± 27.115 χ^2/NDF : 36.5/16

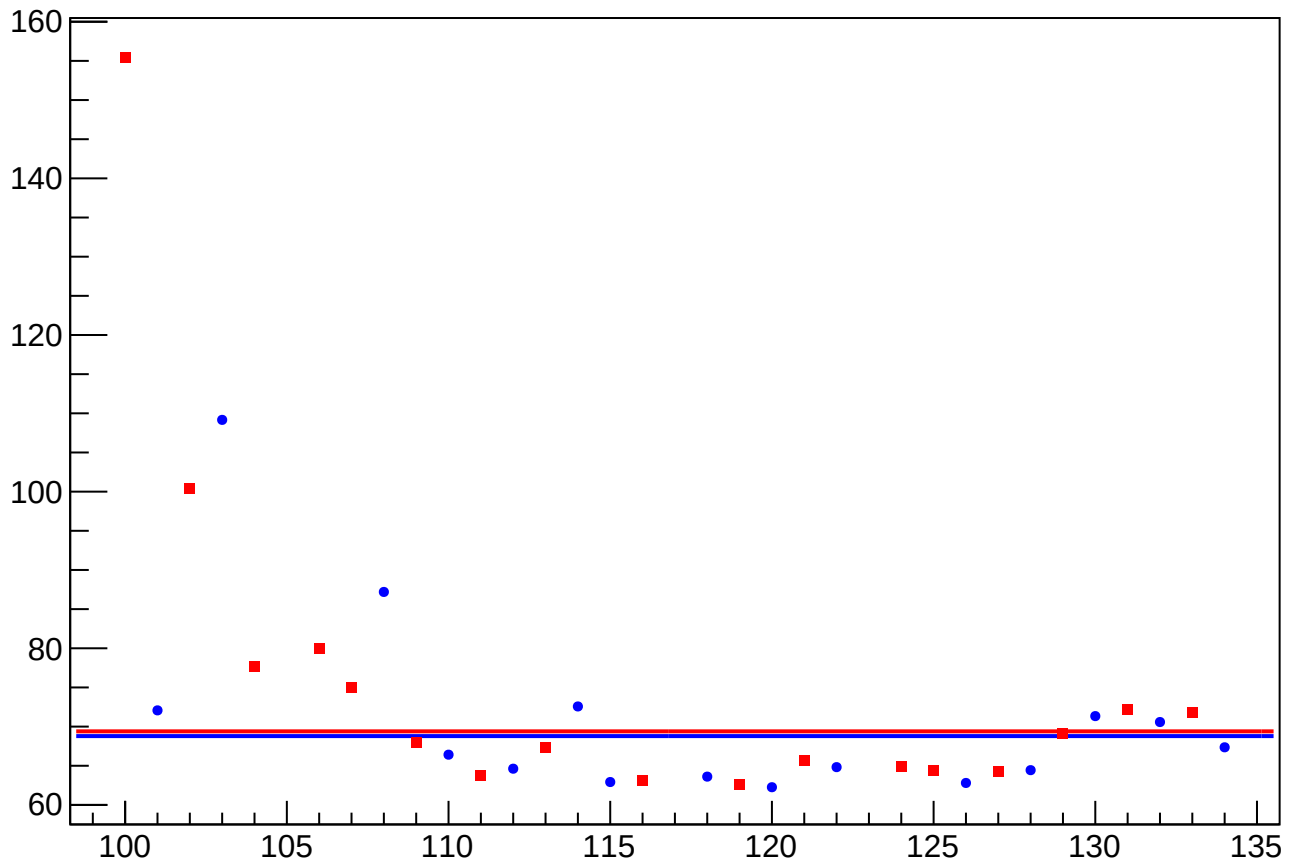
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -27.809 ± 19.388 χ^2/NDF : 123.0/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam8_rms vs Slug



Right In: 68.788 $\pm$ 0.020 χ^2 /NDF: 241577.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 69.394 $\pm$ 0.019 χ^2 /NDF: 233409.4/16

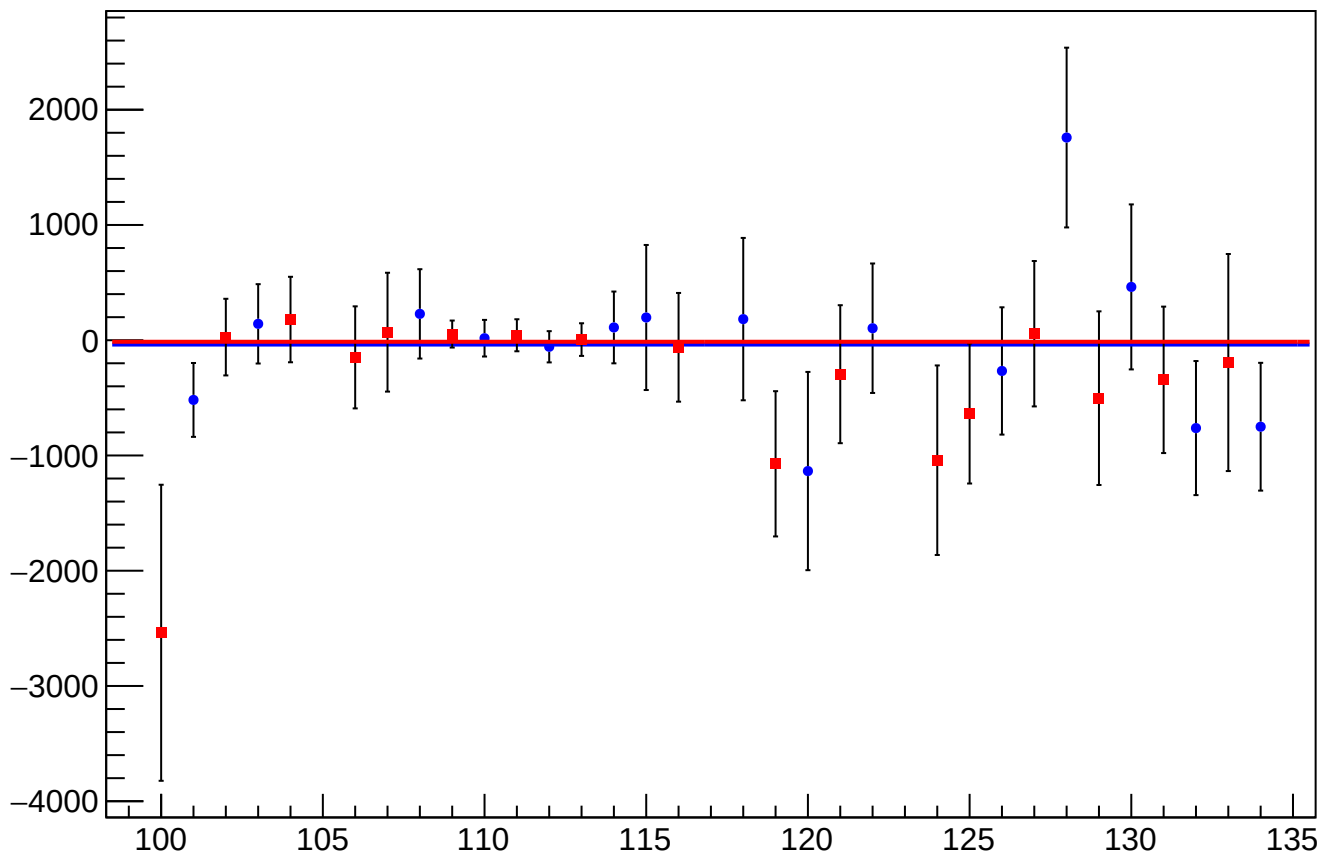
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 69.098 $\pm$ 0.014 χ^2 /NDF: 475475.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_eigen_dit_correction_mean vs Slug



Right In: -37.634+/-81.292 χ^2/NDF : 14.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.304+/-67.085 χ^2/NDF : 11.2/16

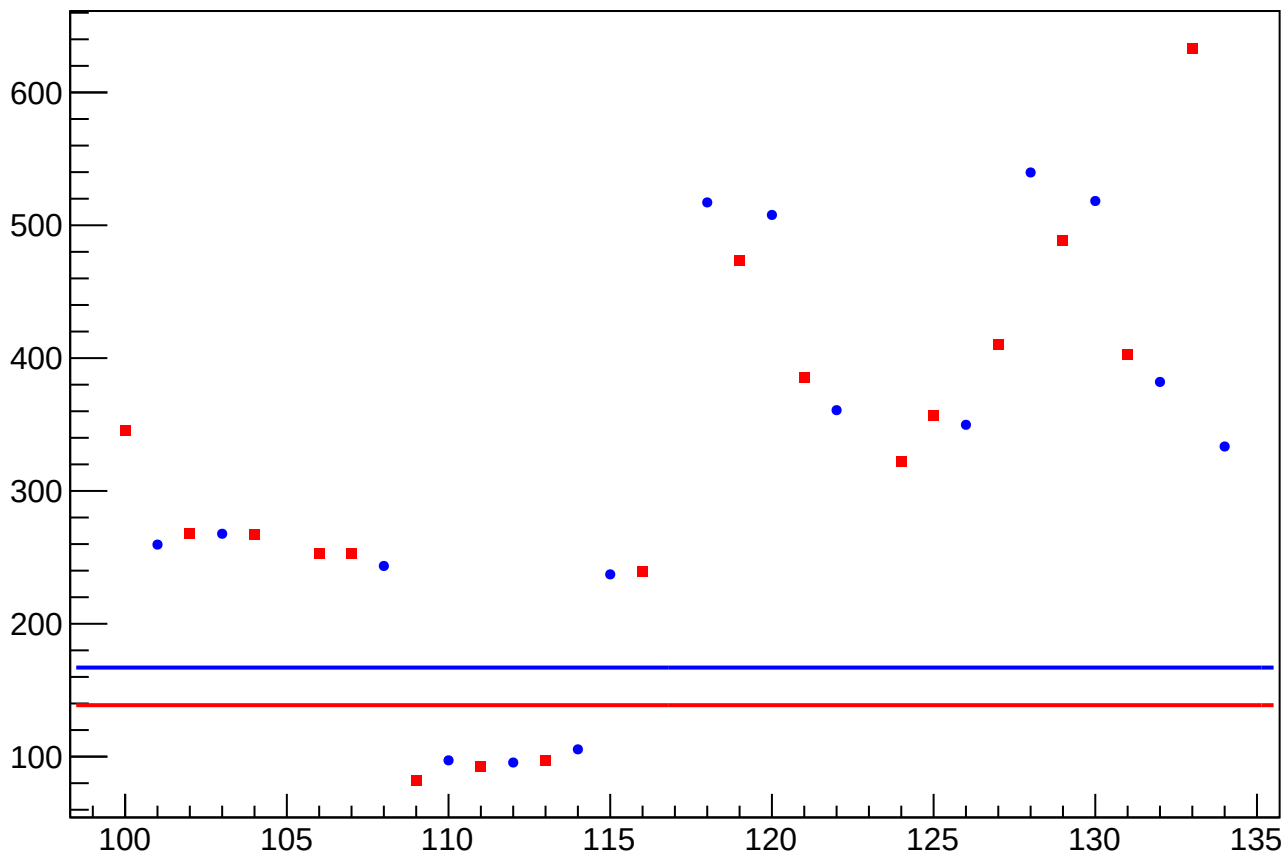
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.160+/-51.741 χ^2/NDF : 25.7/31

- sign 0.000+/-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: 138.728+/-0.047 χ^2/NDF : 4738207.3/16

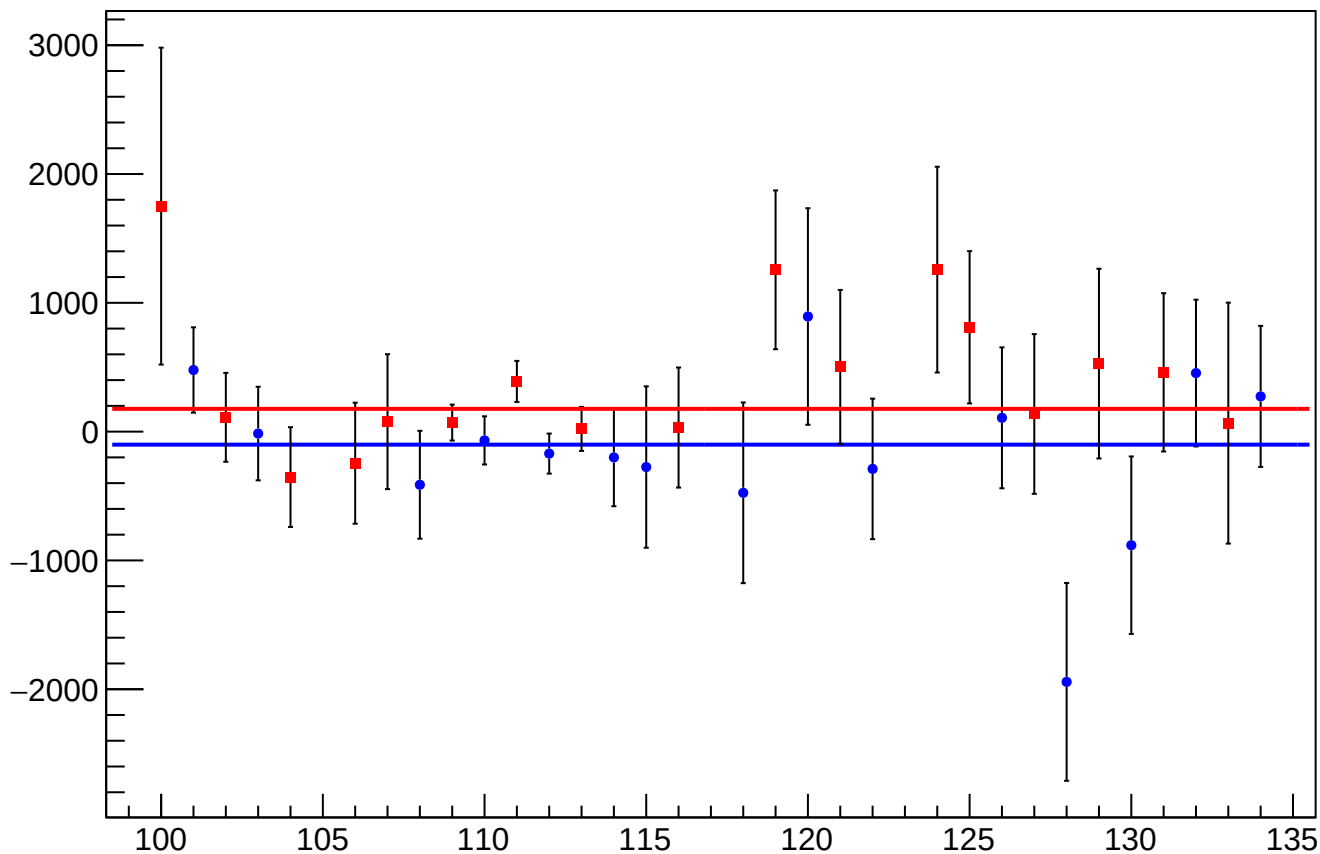
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.196+/-0.037 χ^2/NDF : 9001040.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_mean vs Slug



Right In: -101.102 ± 90.471 χ^2/NDF : 14.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 176.948 ± 76.317 χ^2/NDF : 14.5/16

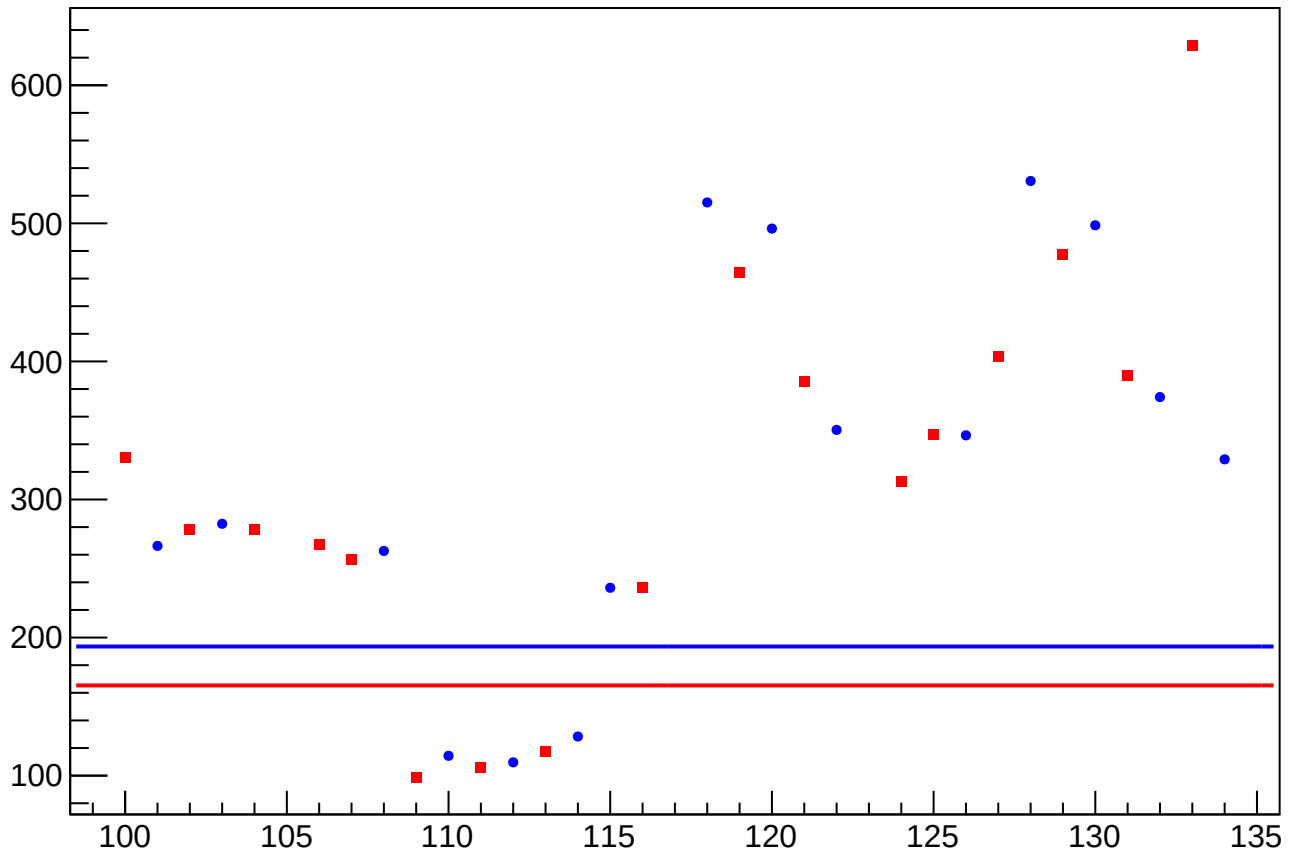
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 61.351 ± 58.334 χ^2/NDF : 34.5/31

- sign 0.000 ± 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: 165.335+/-0.054 χ^2/NDF : 3922574.5/16

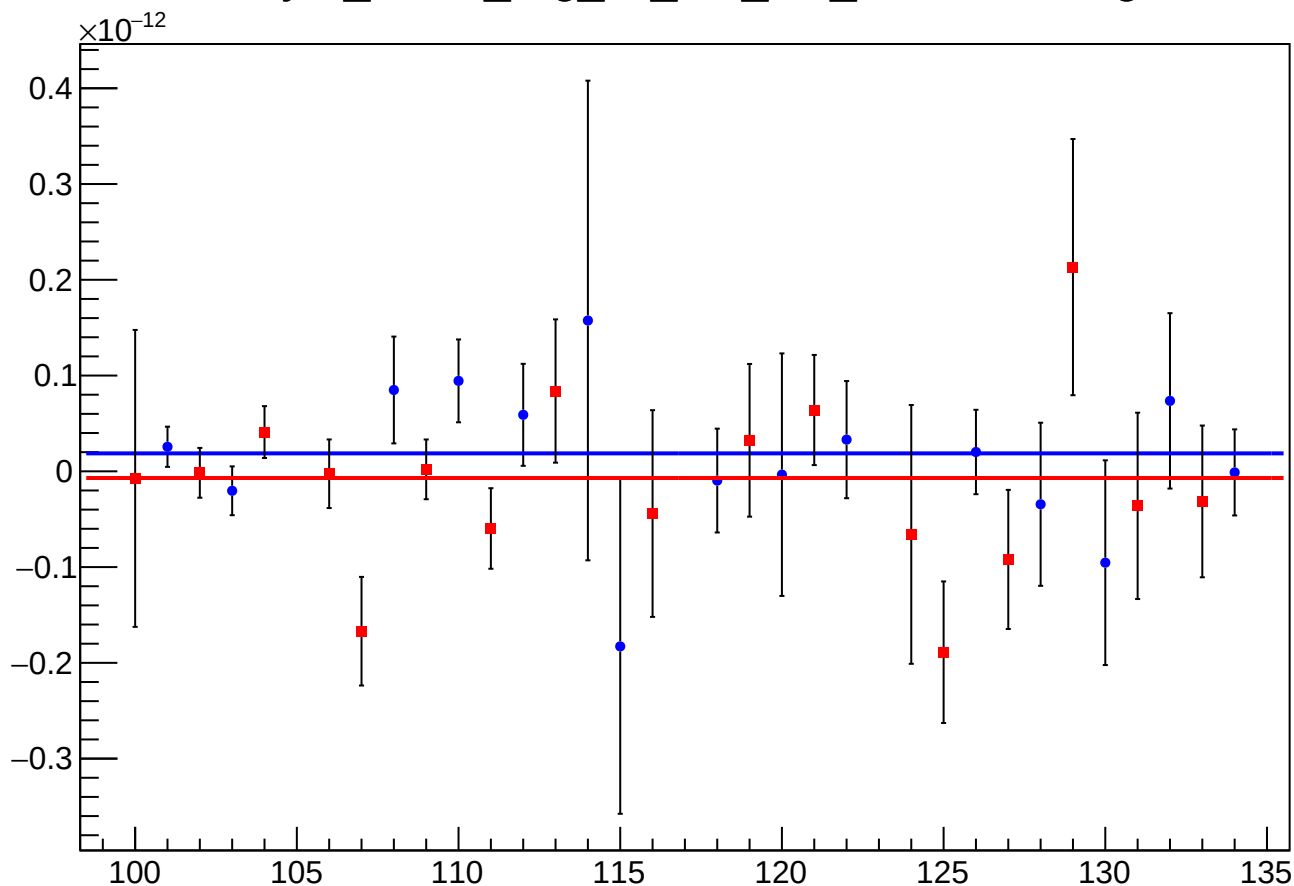
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.059+/-0.041 χ^2/NDF : 7418366.1/31

- 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 : 26.7/16

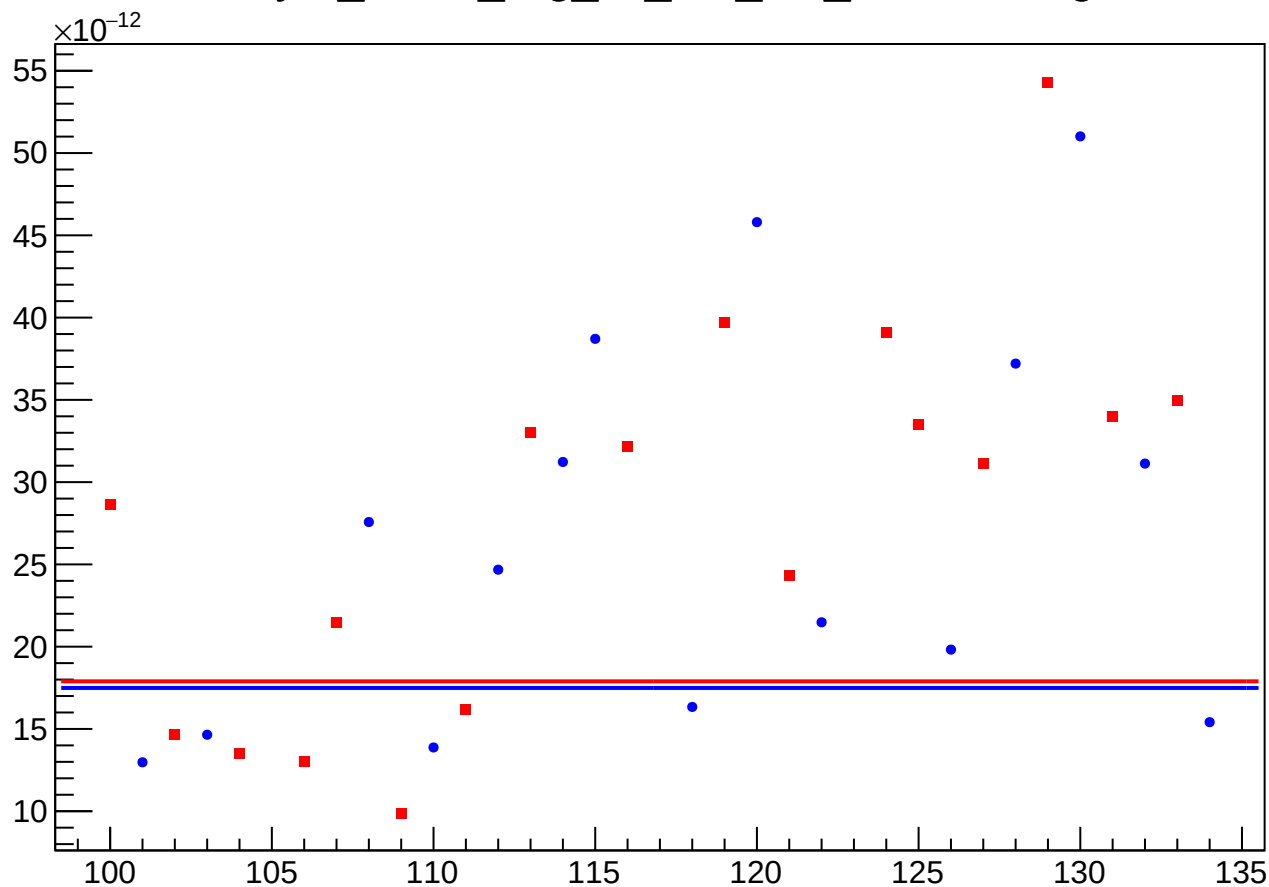
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 40.6/31

- 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 : 1067664.3/16

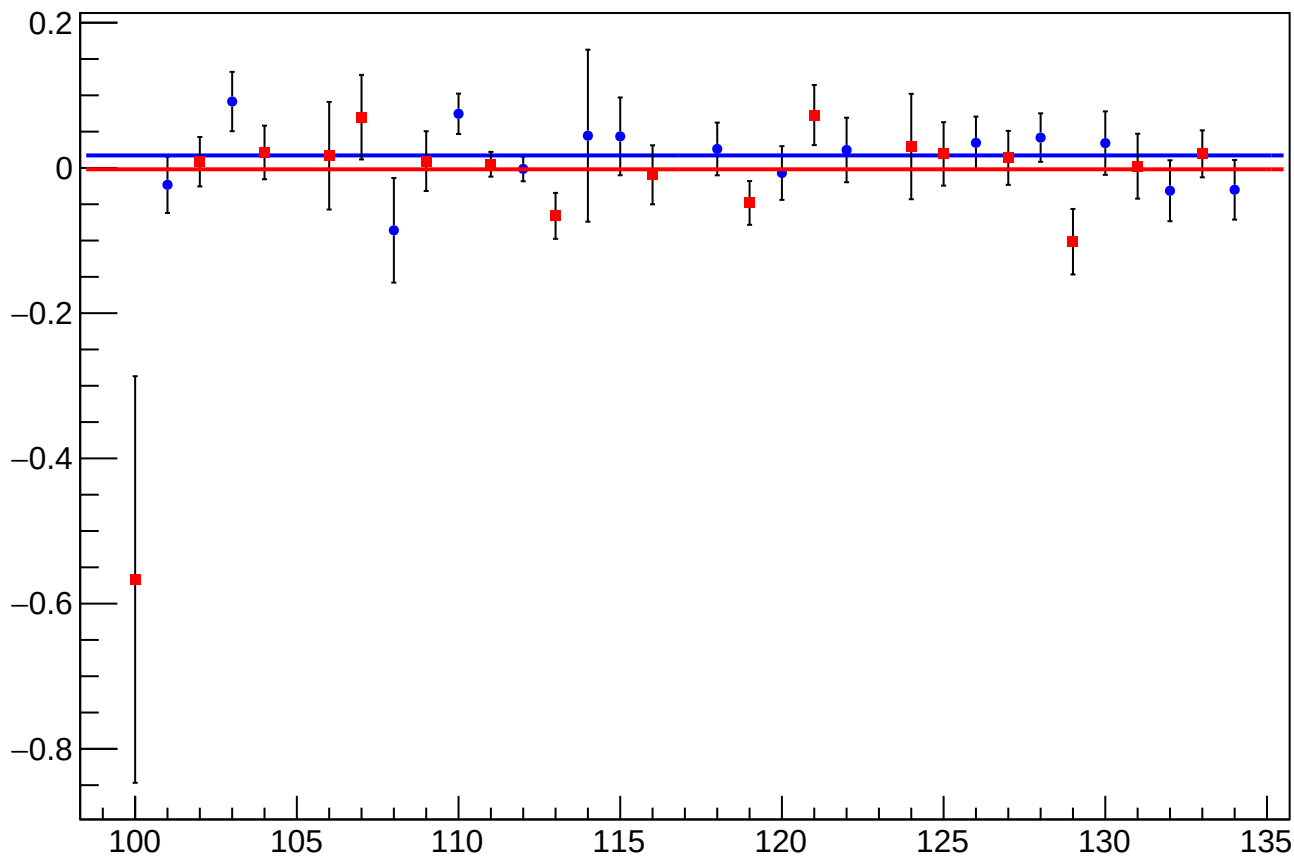
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1805295.1/31

- 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: -0.002 $\pm$ 0.009 χ^2 /NDF: 22.1/16

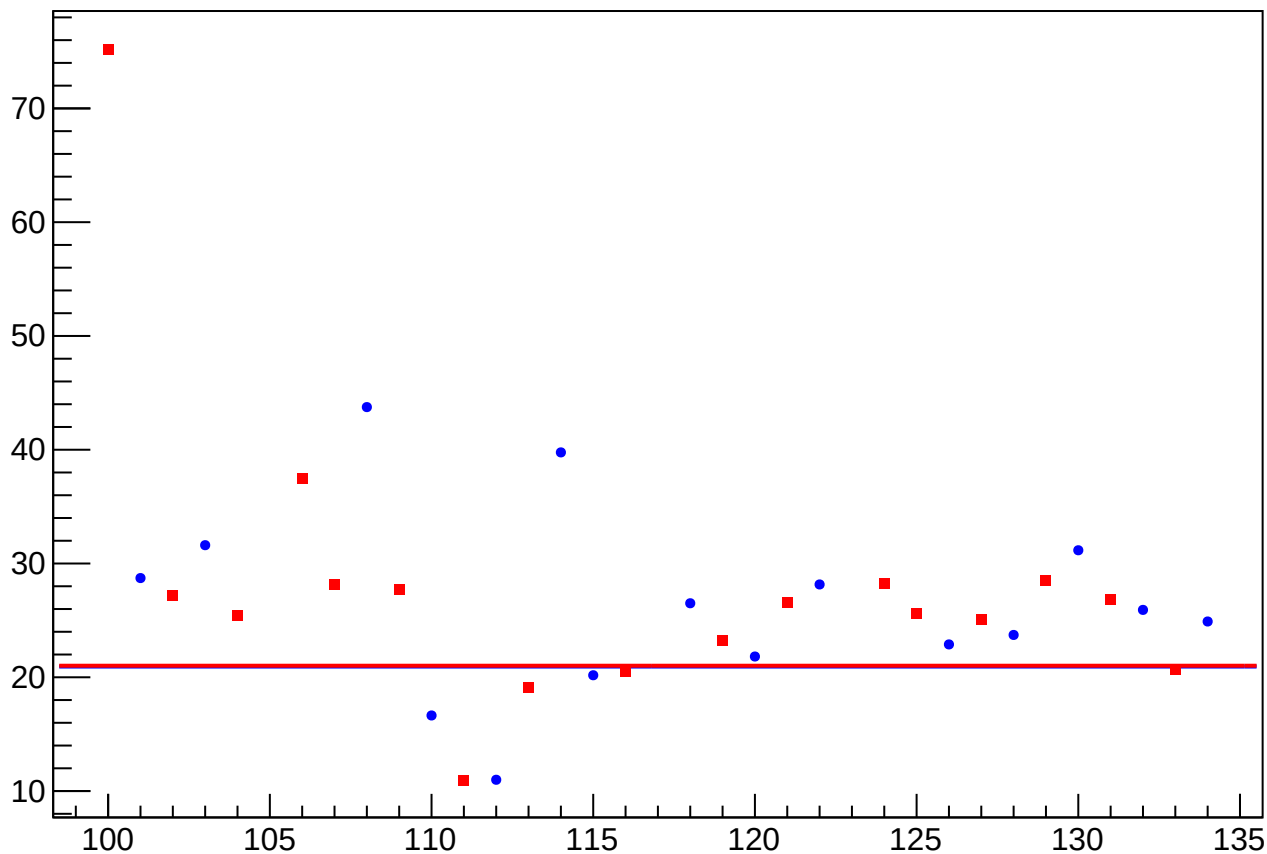
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.006 χ^2 /NDF: 40.6/31

- 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: 21.015+/-0.006 χ^2/NDF : 1263344.4/16

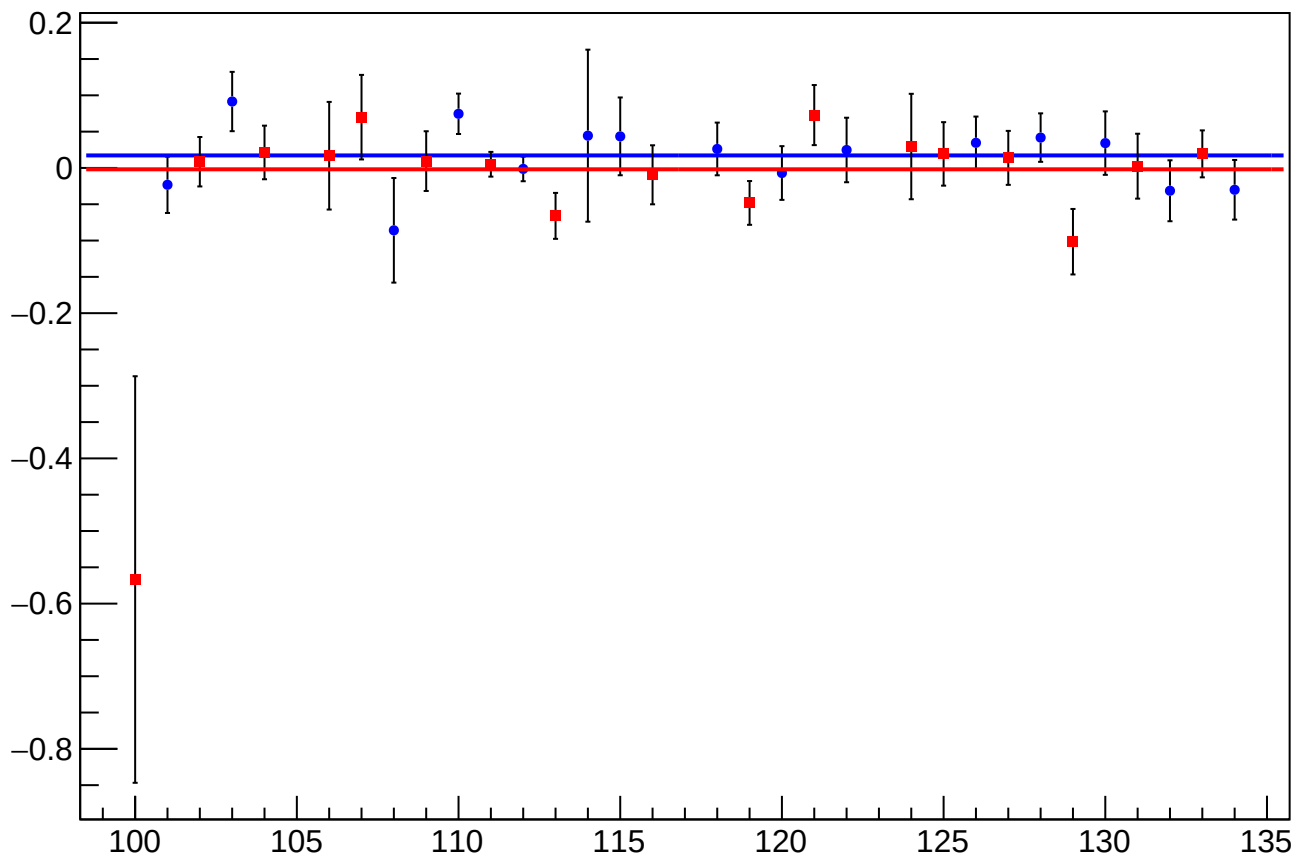
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.981+/-0.004 χ^2/NDF : 2742253.2/31

- 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: -0.002 $\pm$ 0.009 χ^2/NDF : 22.1/16

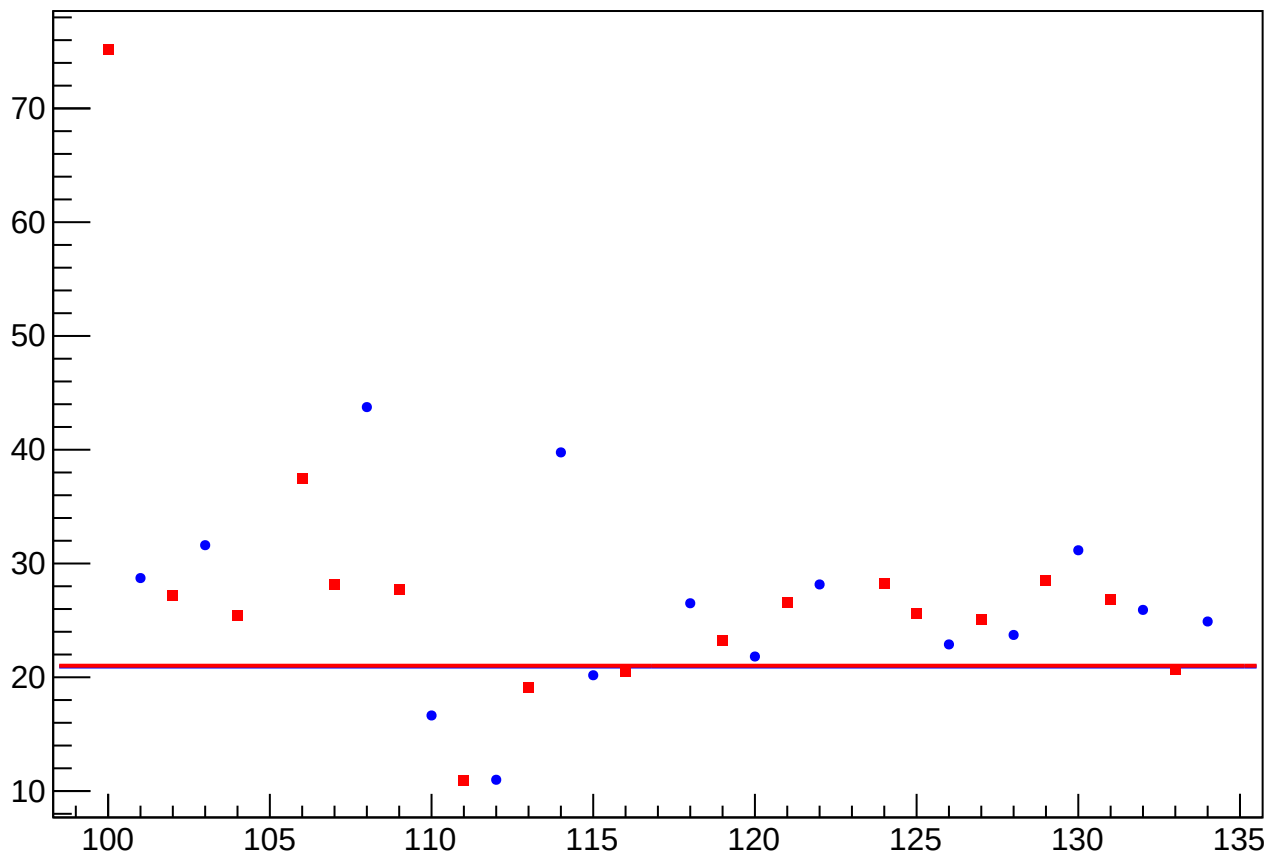
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.007 $\pm$ 0.006 χ^2/NDF : 40.6/31

- 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: 21.015+/-0.006 χ^2/NDF : 1263344.4/16

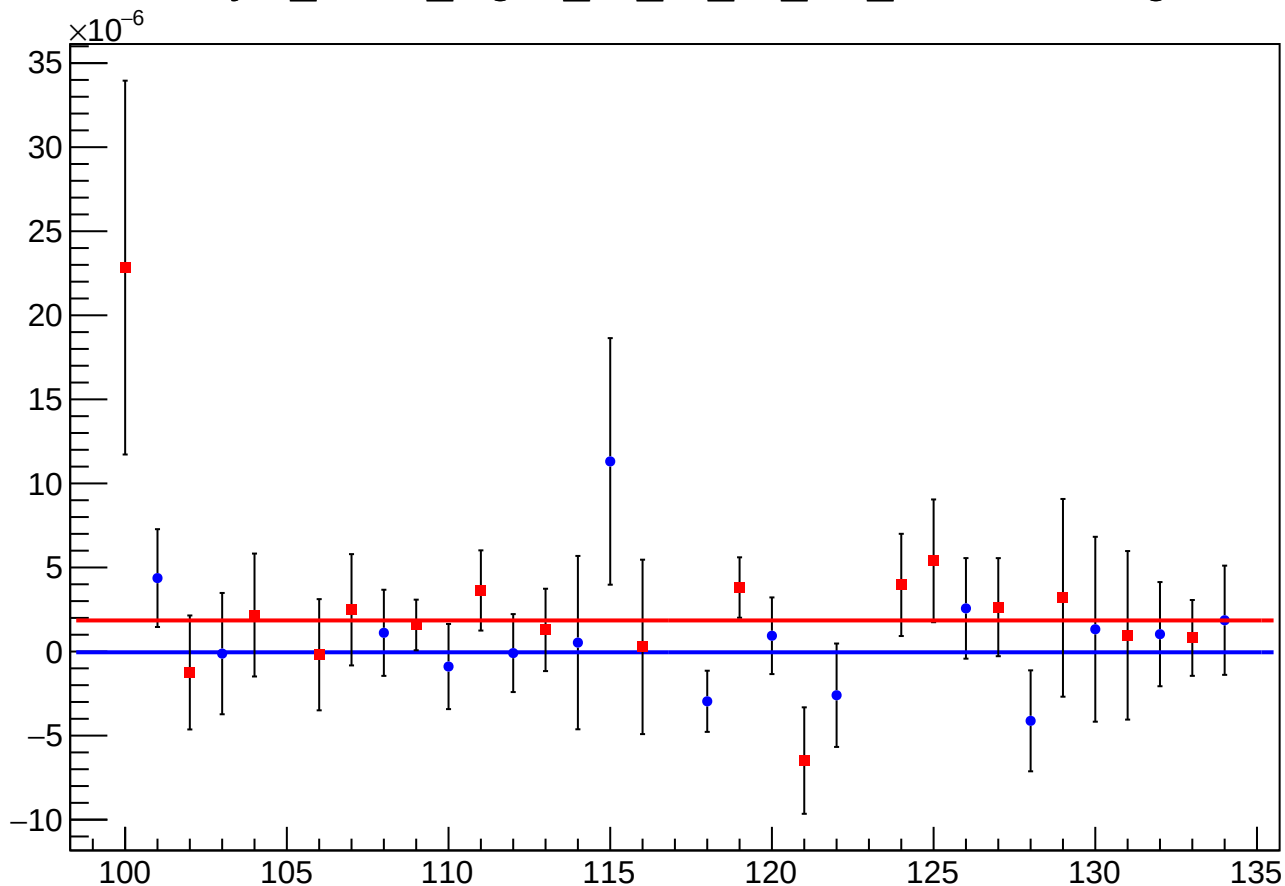
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.981+/-0.004 χ^2/NDF : 2742253.2/31

- 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 : 15.5/16

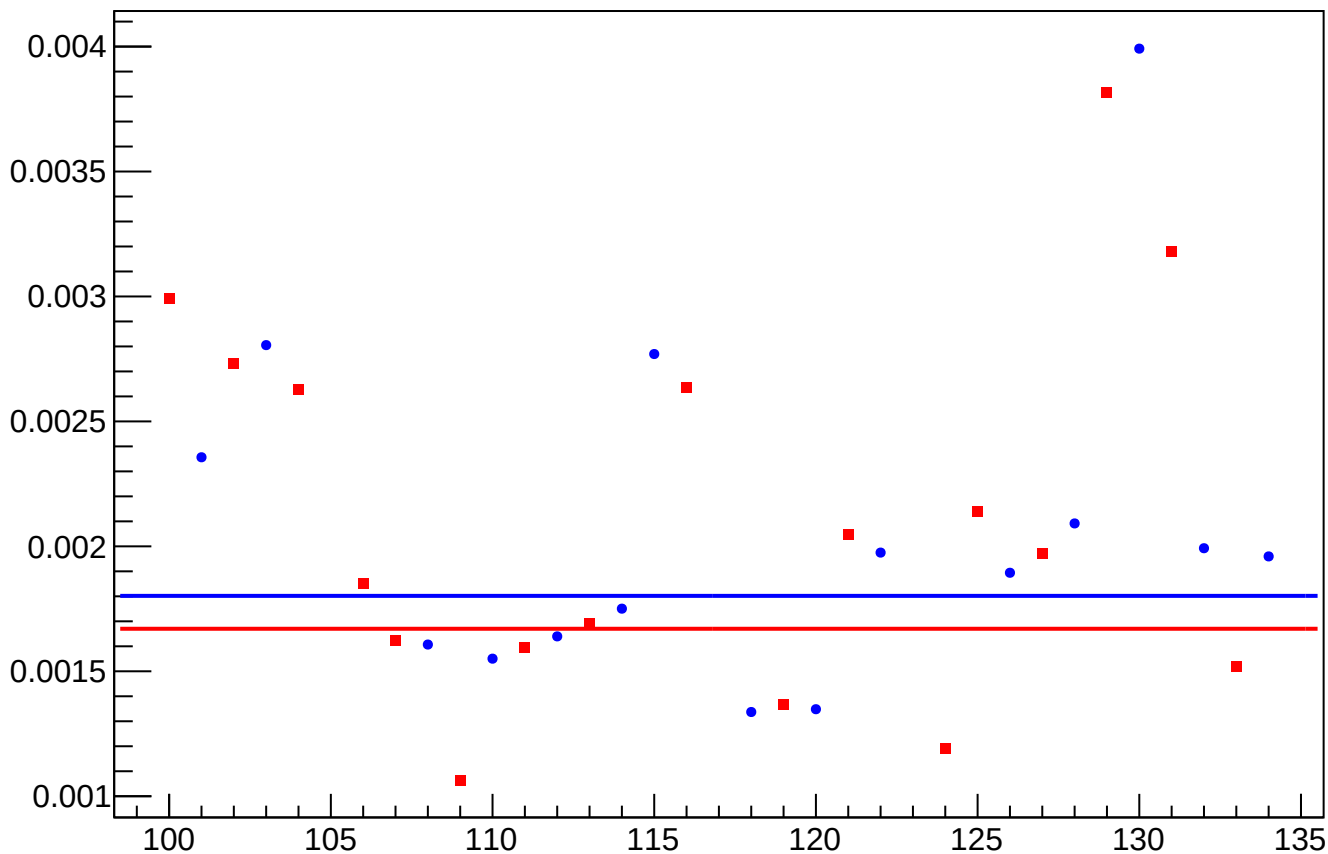
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 30.6/31

- 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 : 1410311.0/16

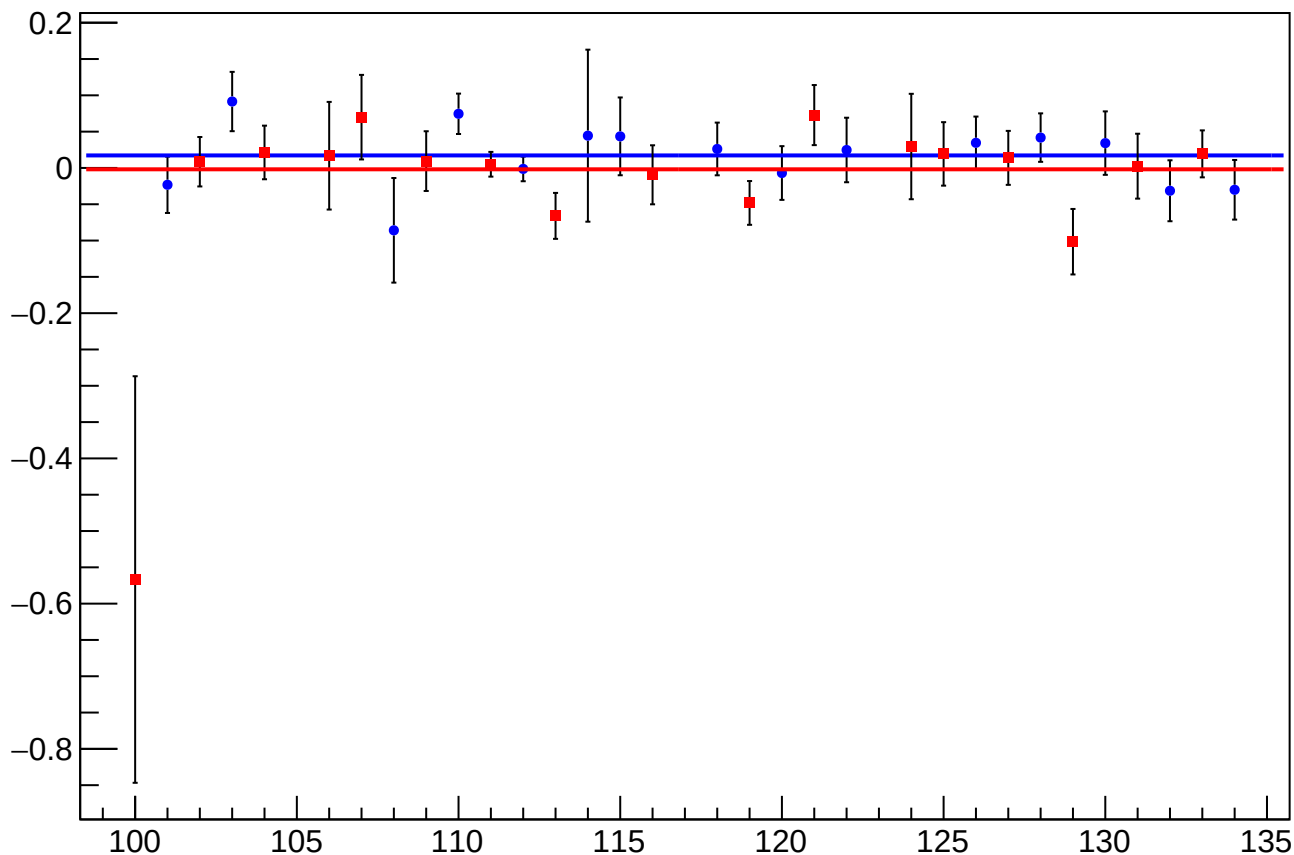
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2313873.0/31

- 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+/-0.009 χ^2/NDF : 16.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.002+/-0.009 χ^2/NDF : 22.1/16

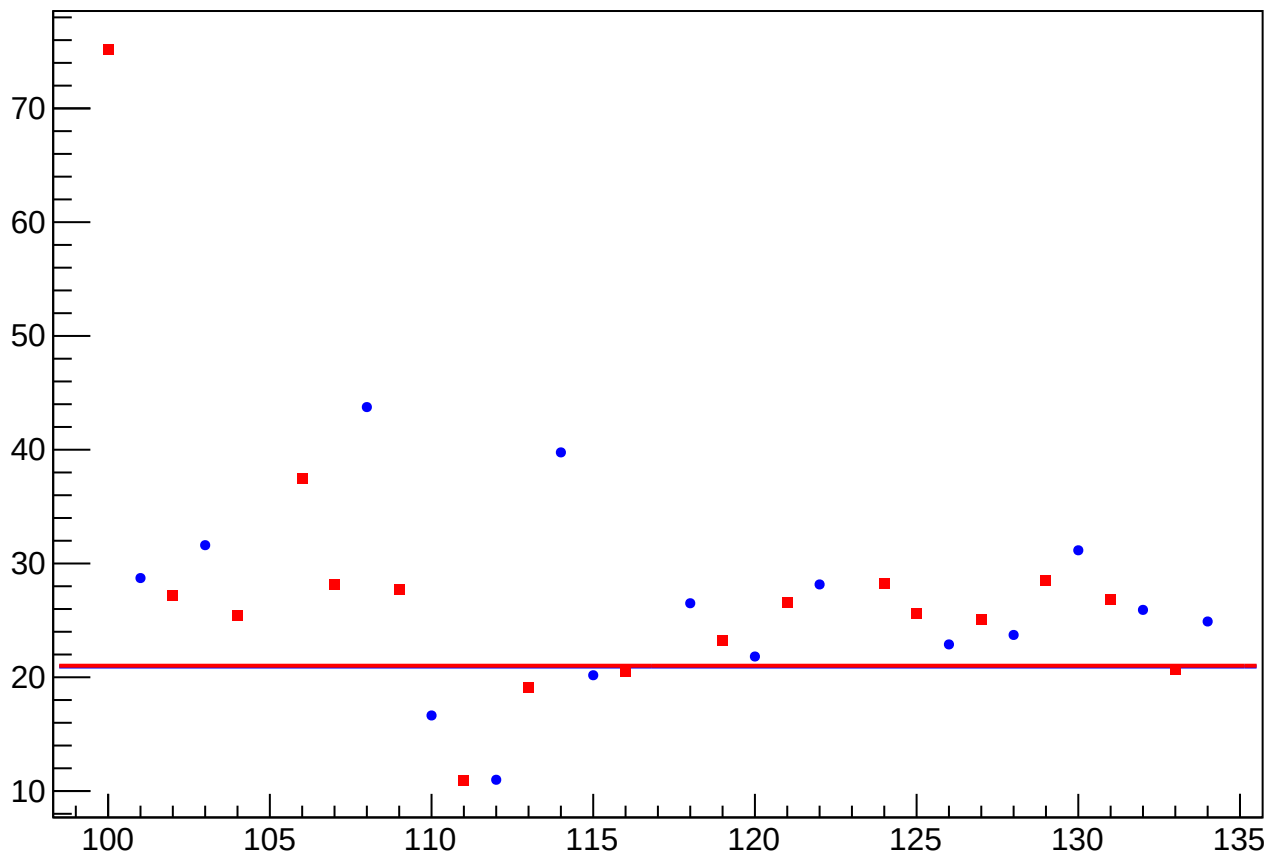
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.006 χ^2/NDF : 40.6/31

- sign 0.000+/-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: 21.014+/-0.006 χ^2/NDF : 1263451.6/16

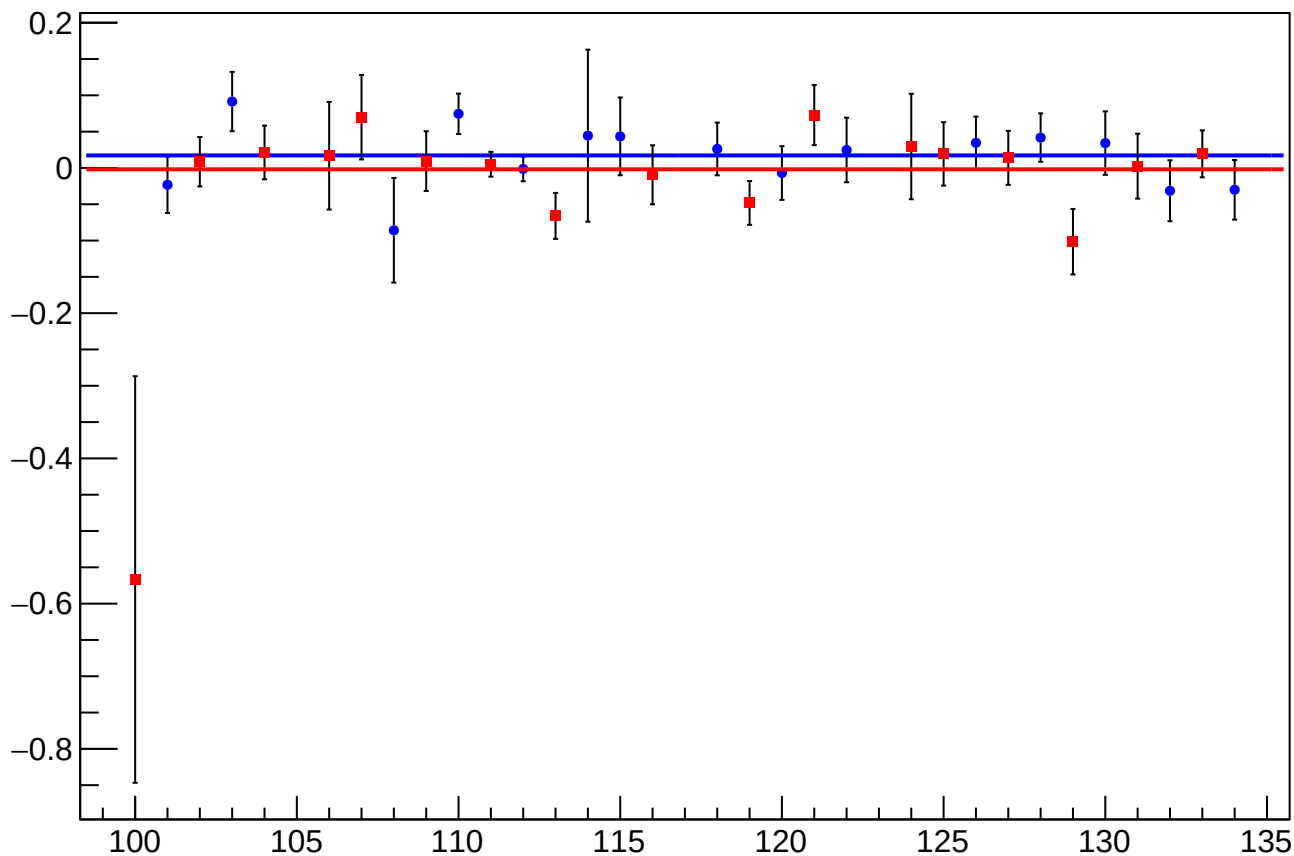
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.980+/-0.004 χ^2/NDF : 2742487.8/31

- 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: -0.002 $\pm$ 0.009 χ^2 /NDF: 22.1/16

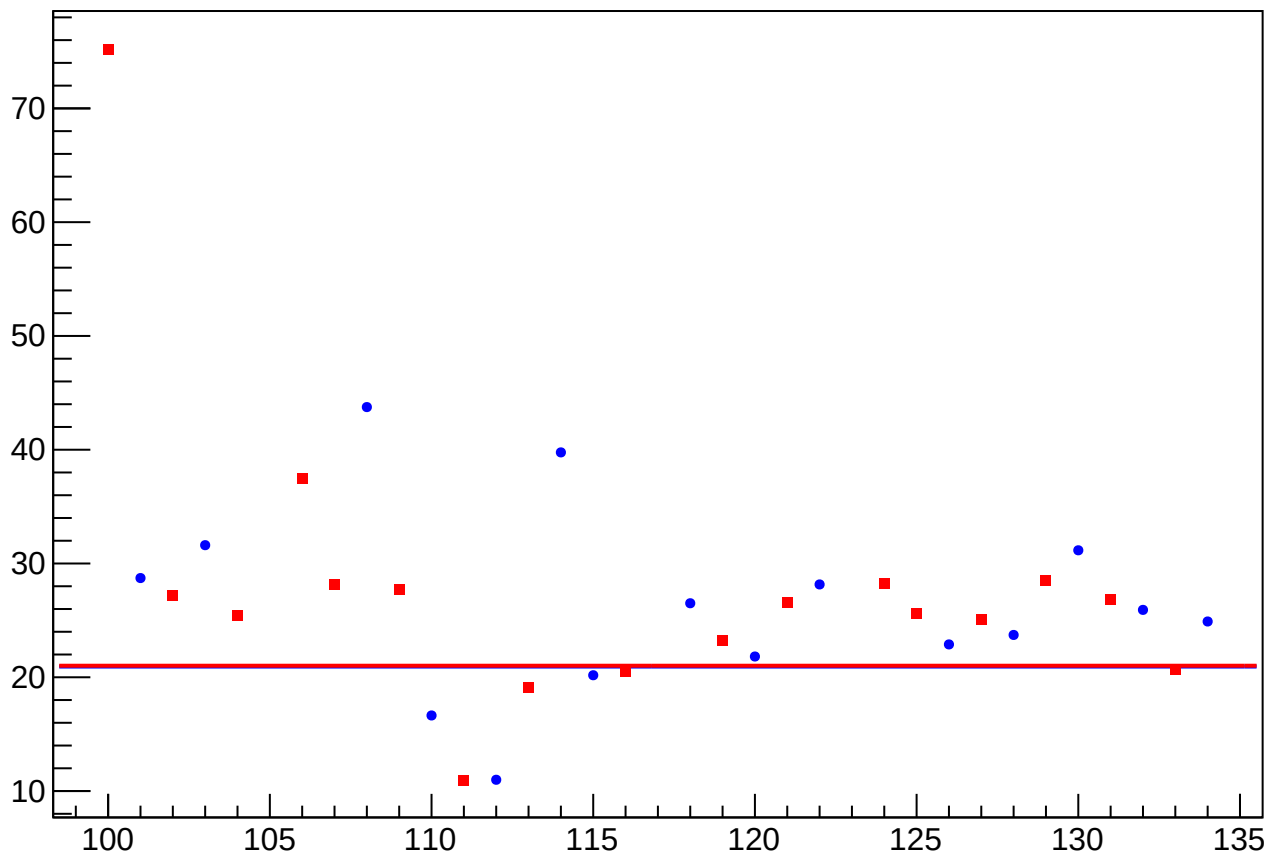
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.006 χ^2 /NDF: 40.6/31

- 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: 21.014+/-0.006 χ^2/NDF : 1263451.6/16

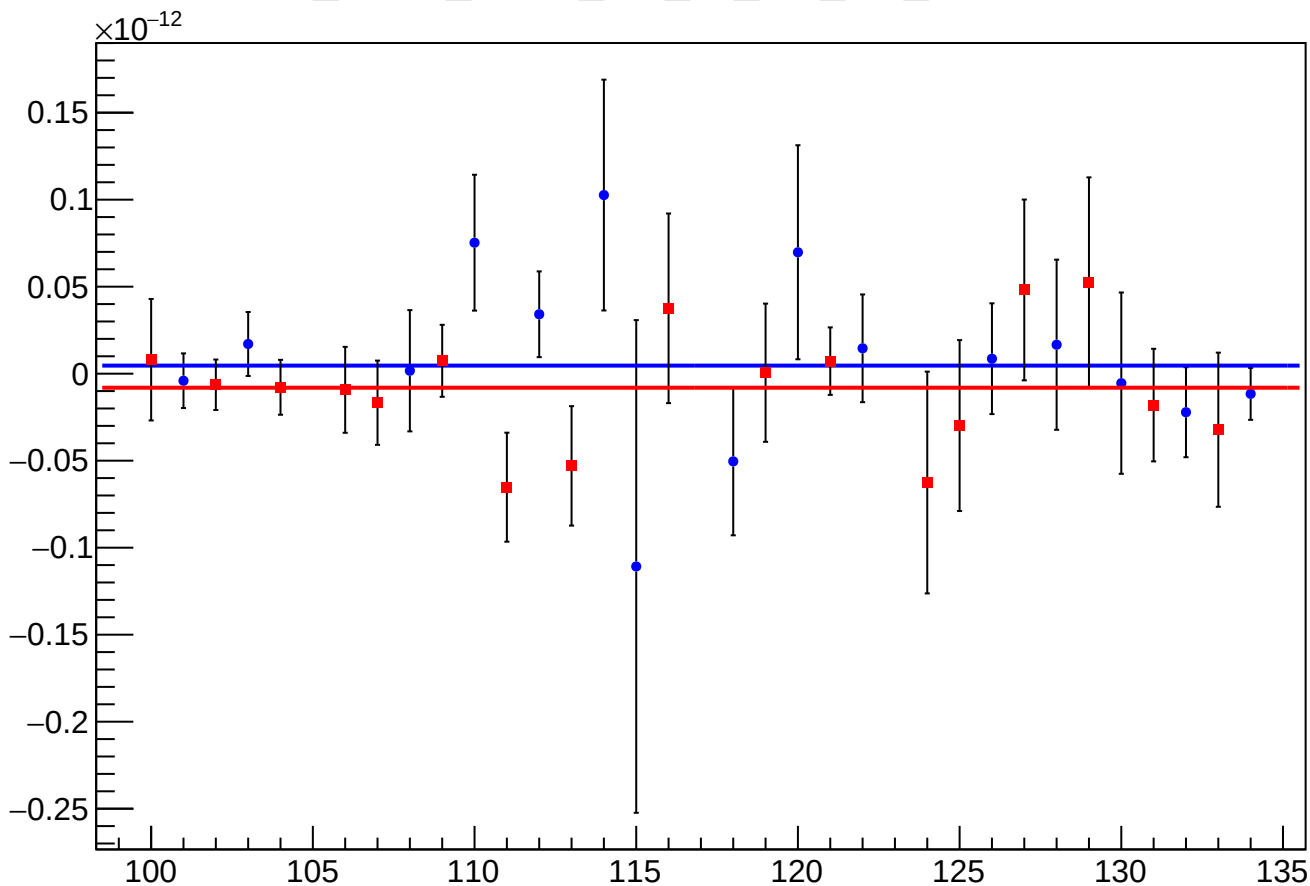
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.980+/-0.004 χ^2/NDF : 2742487.8/31

- 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 $\pm$ 0.000 χ^2/NDF : 13.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 10.8/16

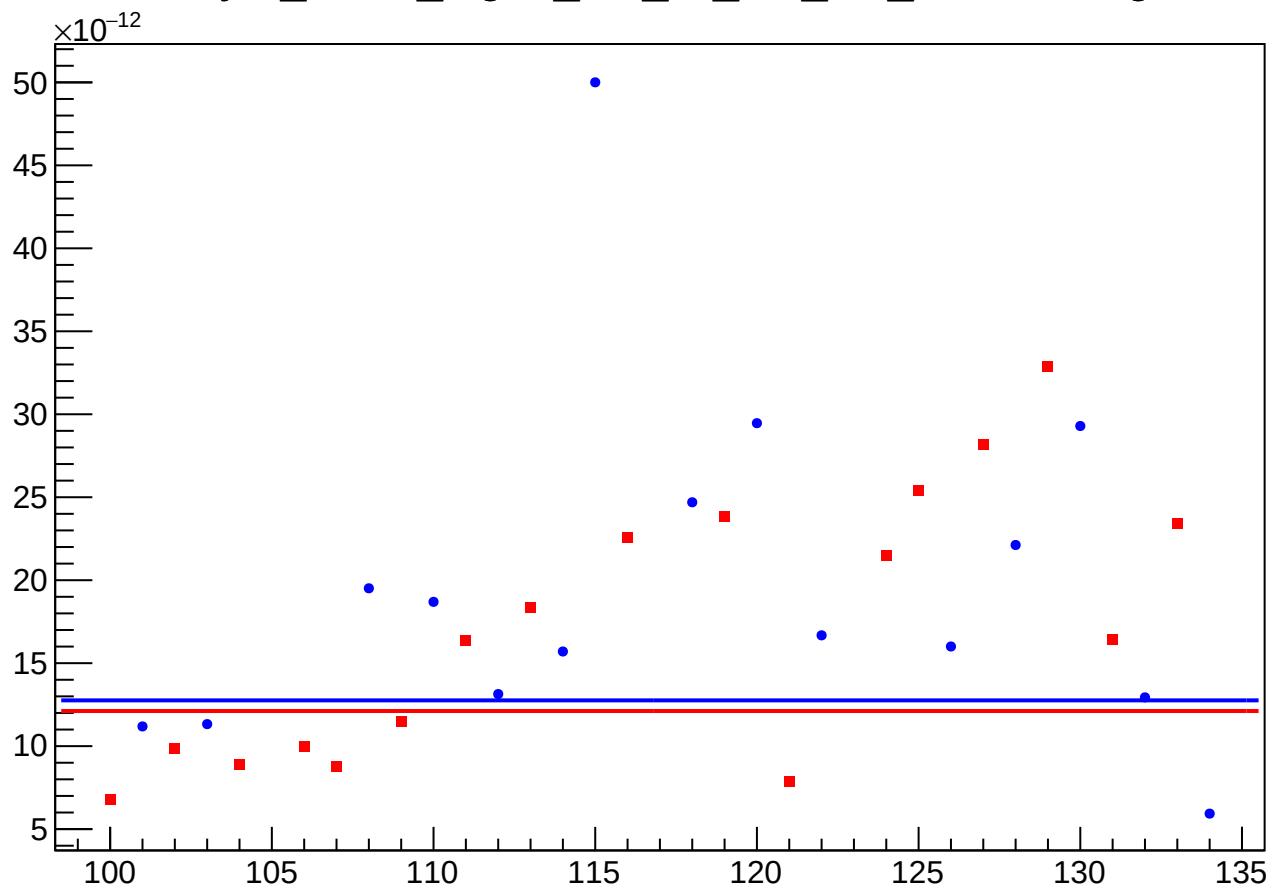
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 26.2/31

- sign 0.000 $\pm$ 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 : 1462175.2/16

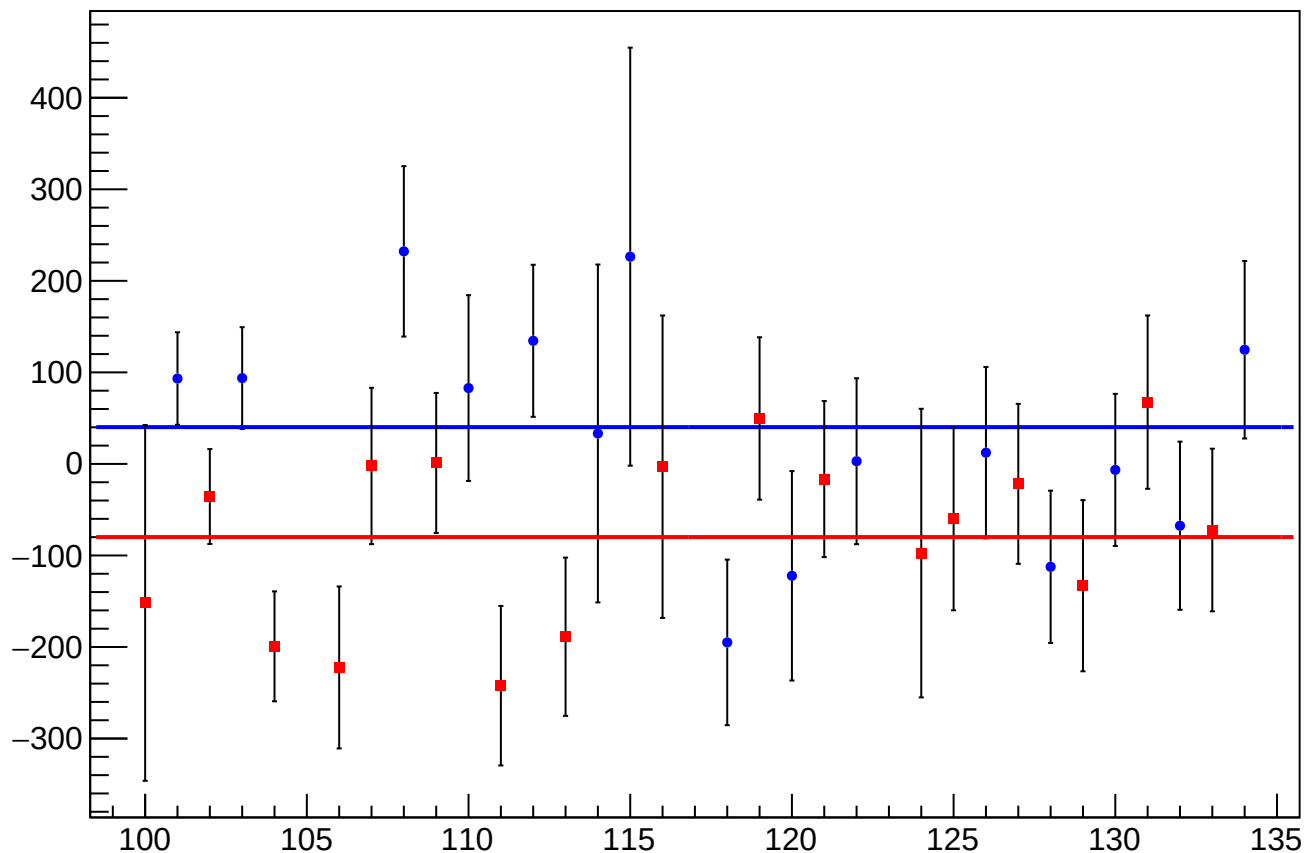
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2818295.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_mean vs Slug



Right In: 40.199 $\pm$ 21.978 χ^2/NDF : 23.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -79.906 $\pm$ 20.838 χ^2/NDF : 20.6/16

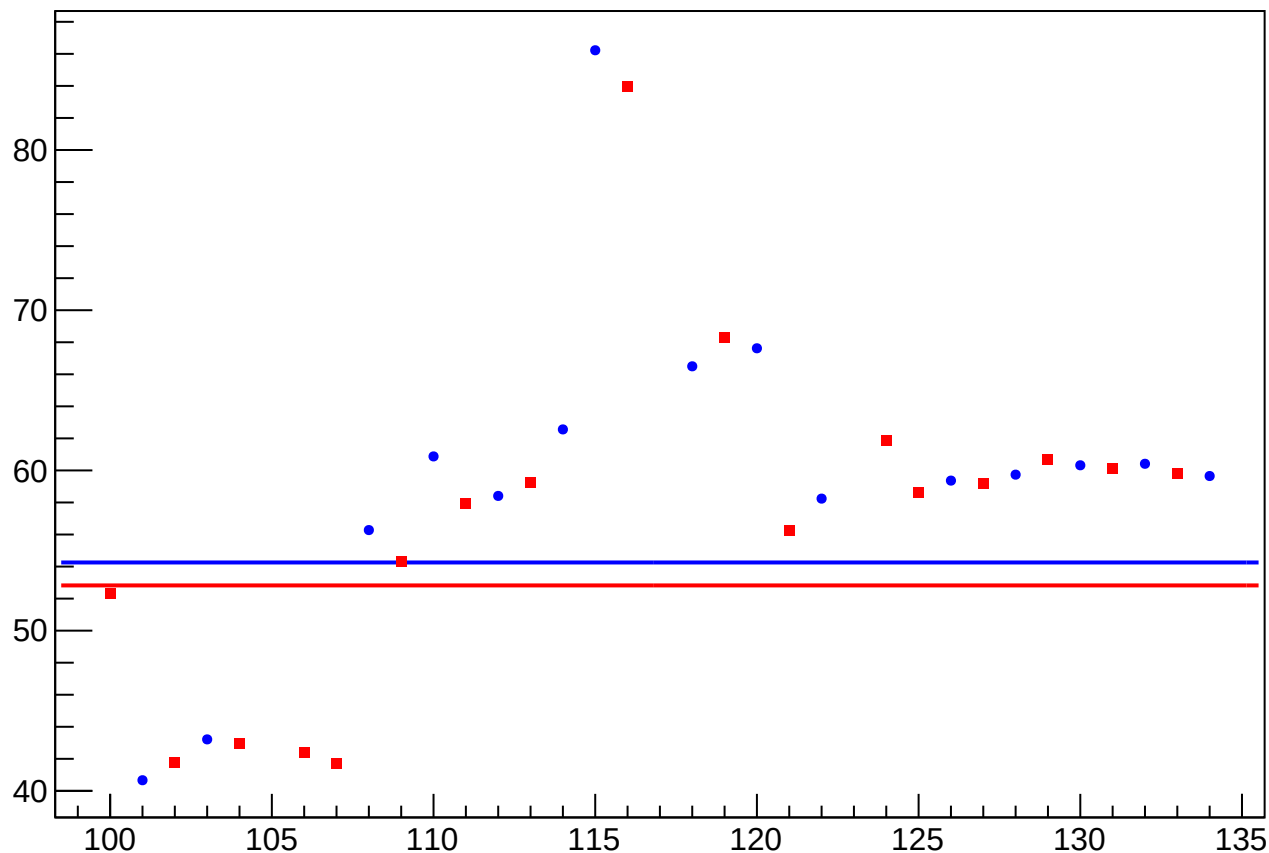
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -23.051 $\pm$ 15.122 χ^2/NDF : 59.6/31

- sign 0.000 $\pm$ 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: 52.823 ± 0.015 χ^2/NDF : 422622.7/16

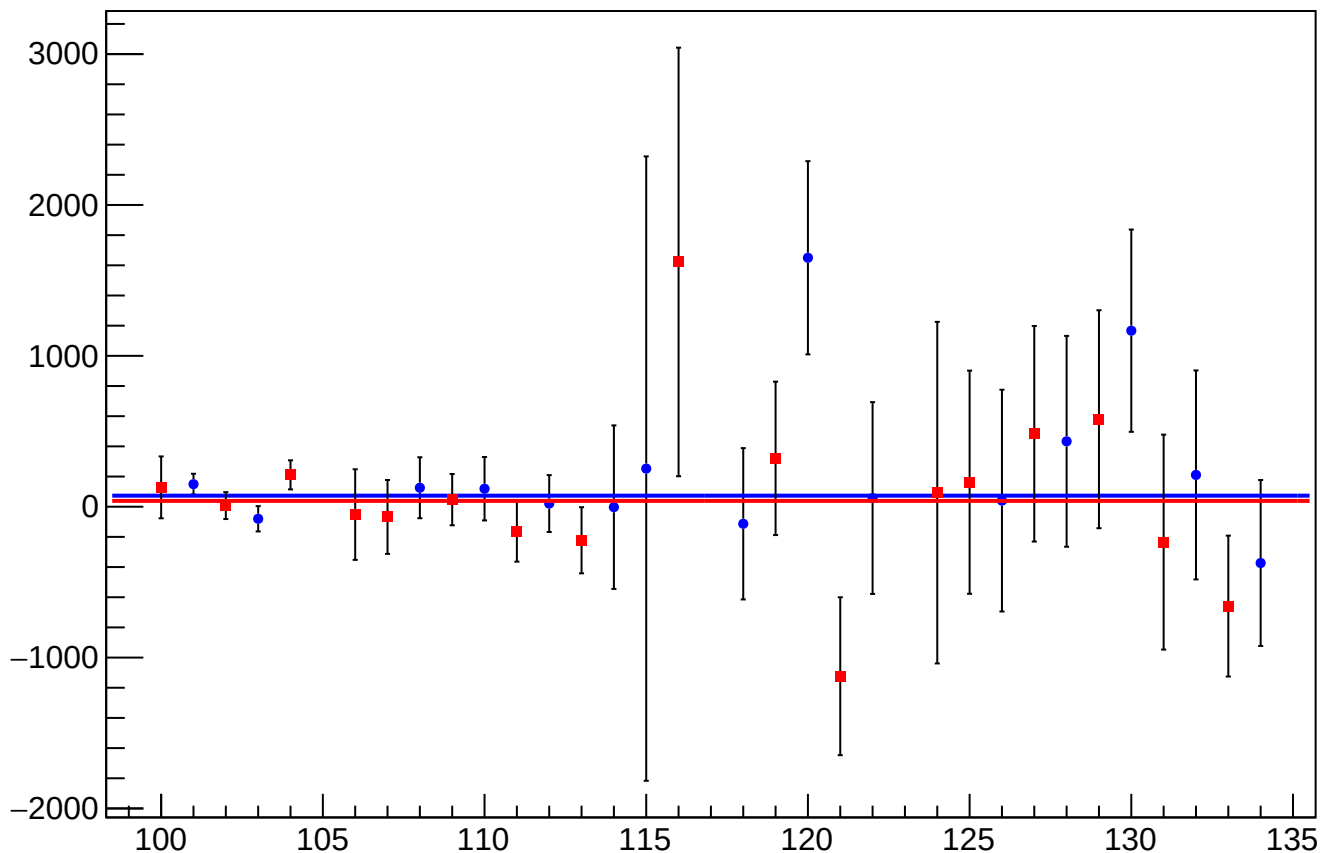
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 53.501 ± 0.011 χ^2/NDF : 816806.5/31

- 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: 38.645+/-50.887 χ^2/NDF : 16.0/16

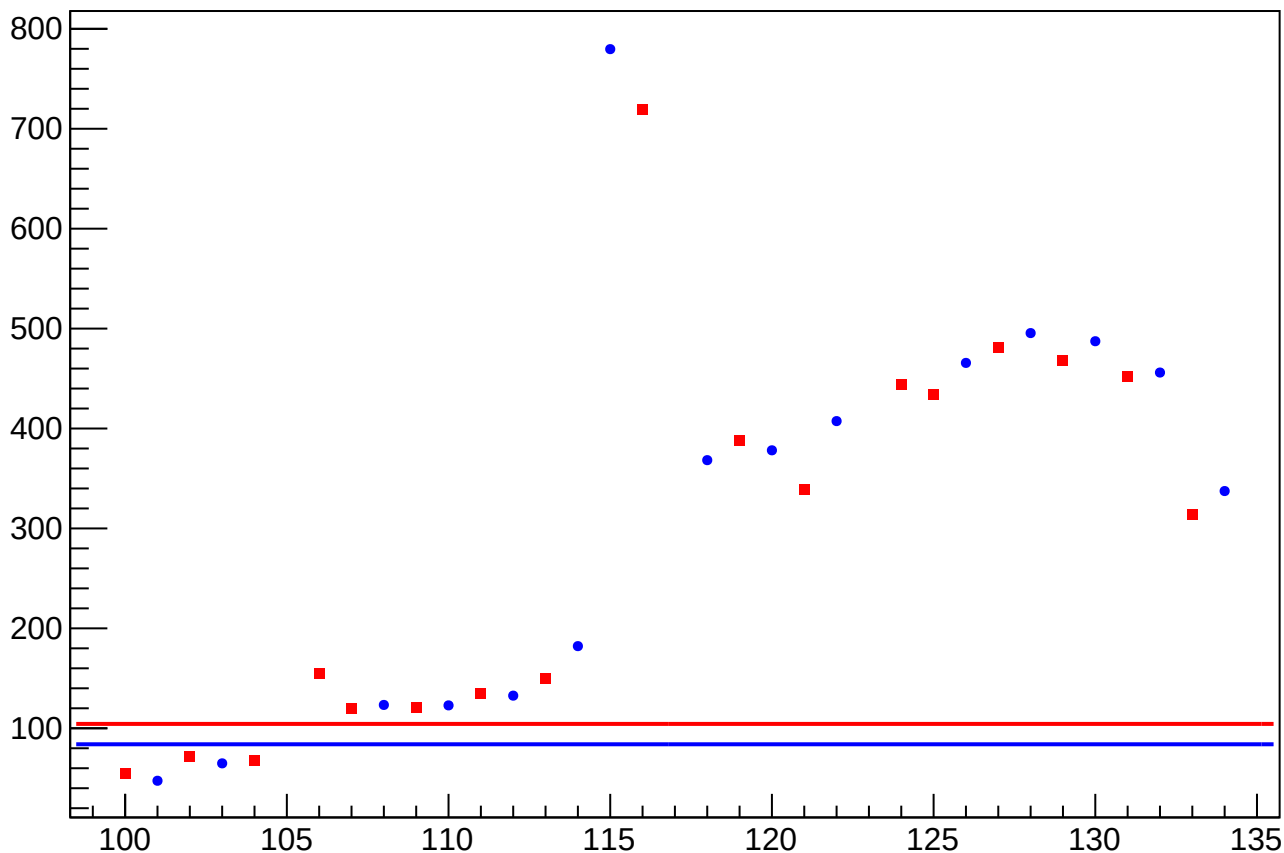
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.324+/-34.533 χ^2/NDF : 30.9/31

- 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: 104.362+/-0.036 χ^2/NDF : 4822569.8/16

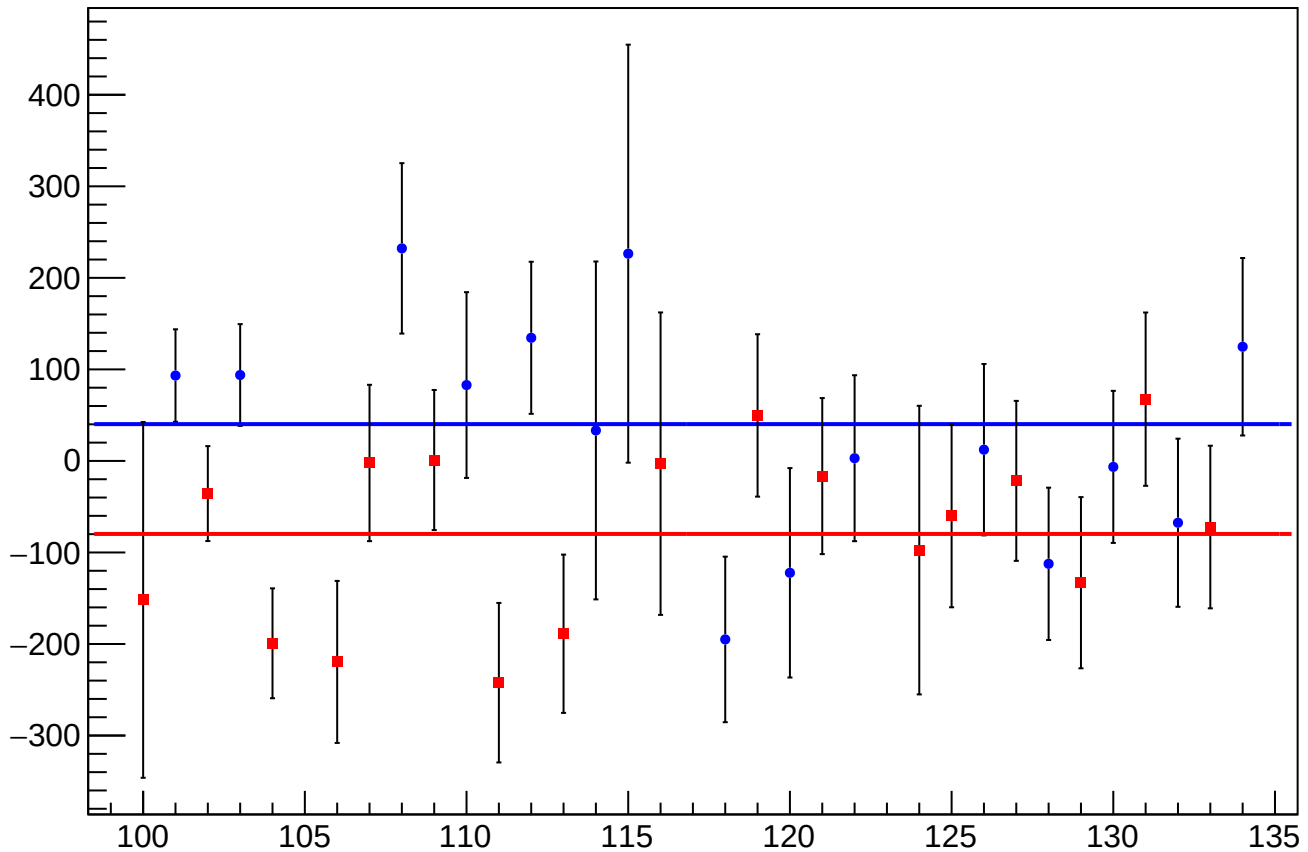
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.368+/-0.024 χ^2/NDF : 10773370.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_avg_mean vs Slug



Right In: 40.212+/-21.978 χ^2/NDF : 23.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -79.756+/-20.839 χ^2/NDF : 20.5/16

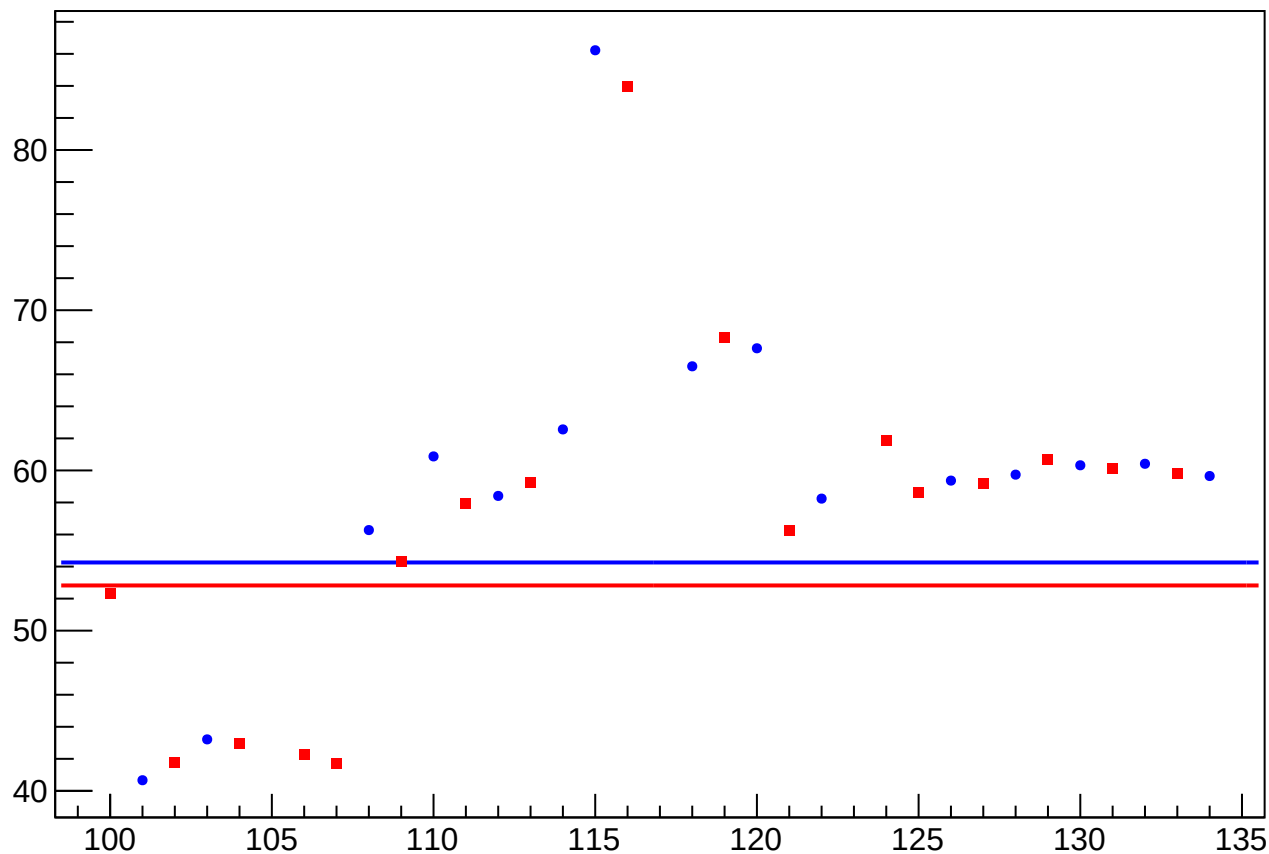
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.961+/-15.122 χ^2/NDF : 59.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_avg_rms vs Slug



Right In: 54.255+/-0.016 χ^2/NDF : 389710.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.821+/-0.015 χ^2/NDF : 422928.8/16

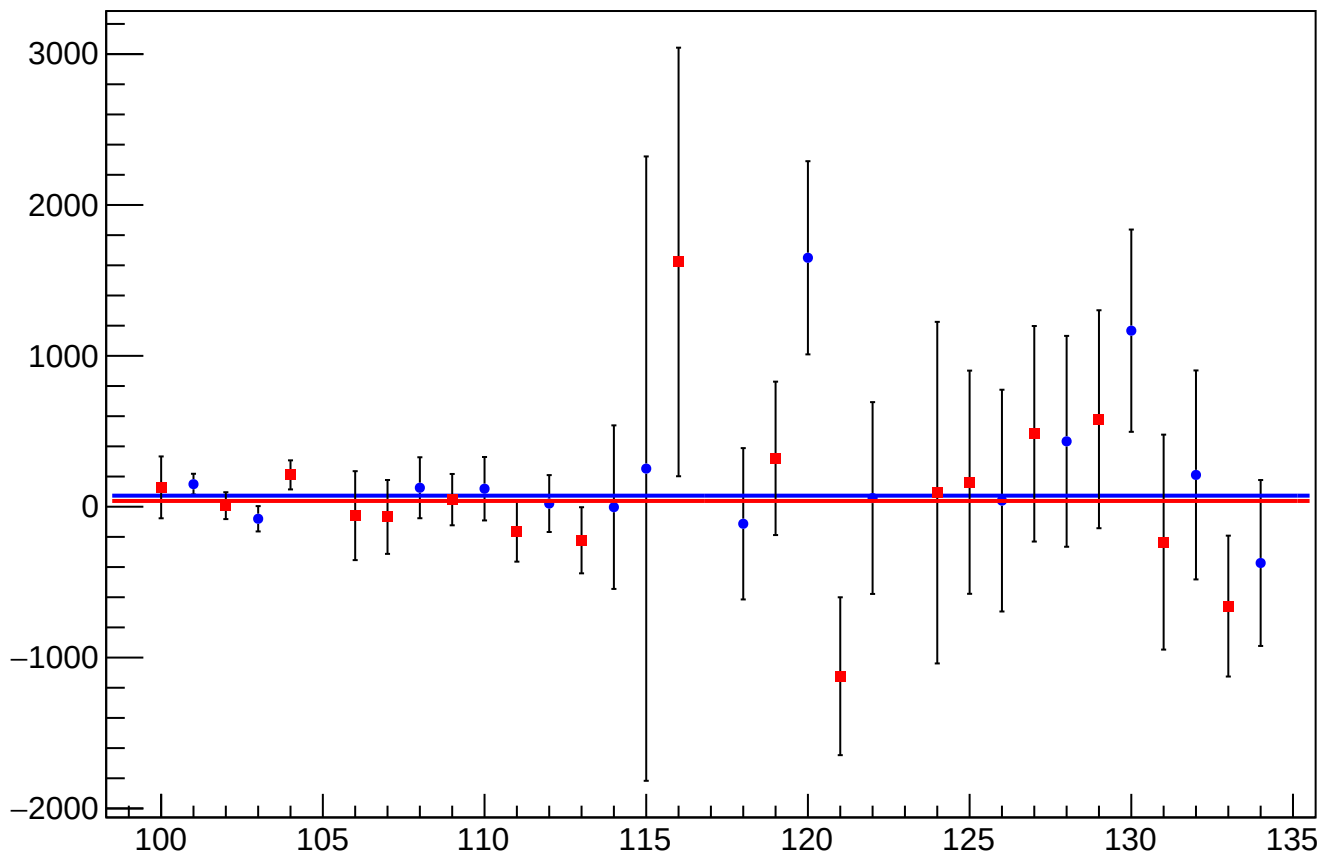
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.500+/-0.011 χ^2/NDF : 817127.3/31

- sign 0.000+/-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: 38.172+/-50.843 χ^2/NDF : 16.1/16

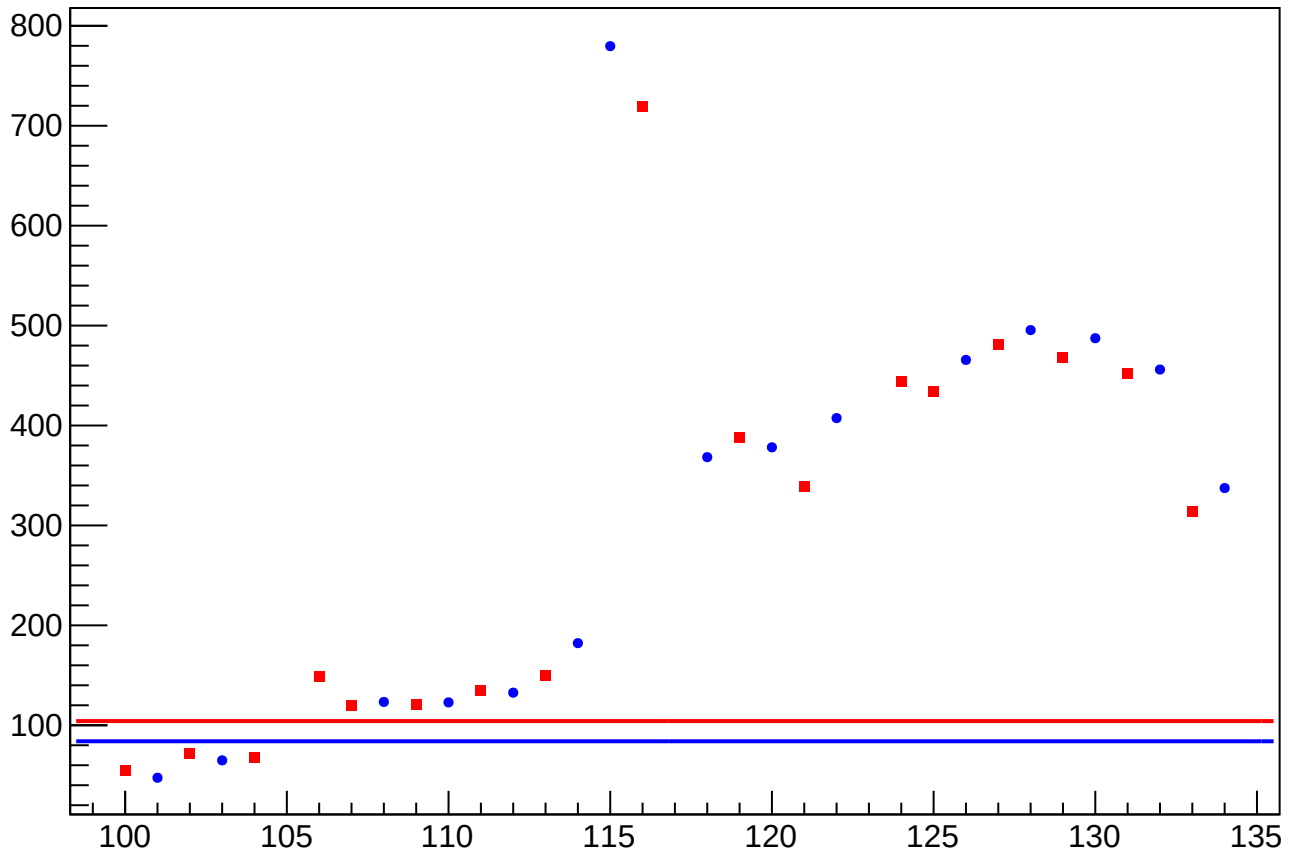
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.093+/-34.519 χ^2/NDF : 30.9/31

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

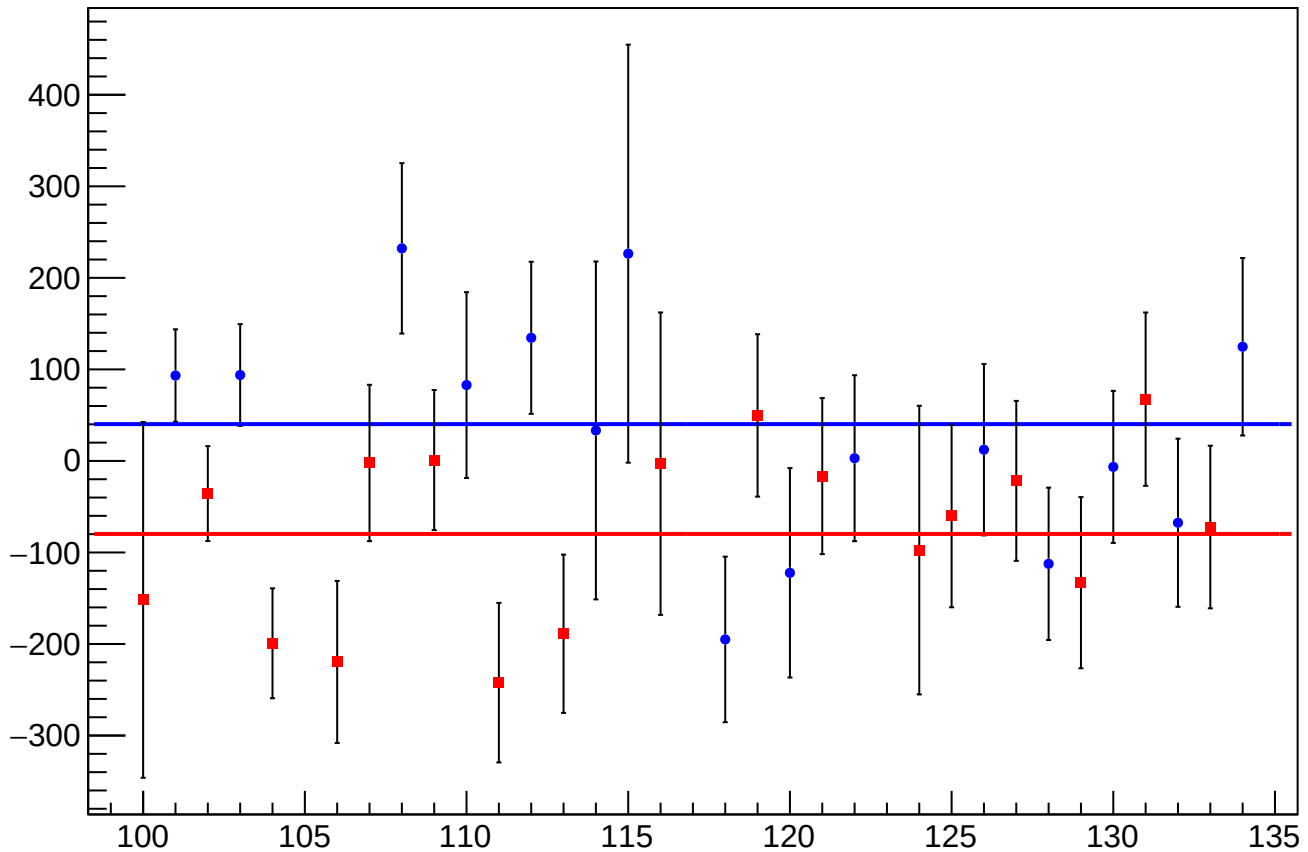
Right Out: 104.187+/-0.036 χ^2/NDF : 4813477.3/16

All: 93.294+/-0.024 χ^2/NDF : 10761566.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -79.756 $\pm$ 20.839 χ^2 /NDF: 20.5/16

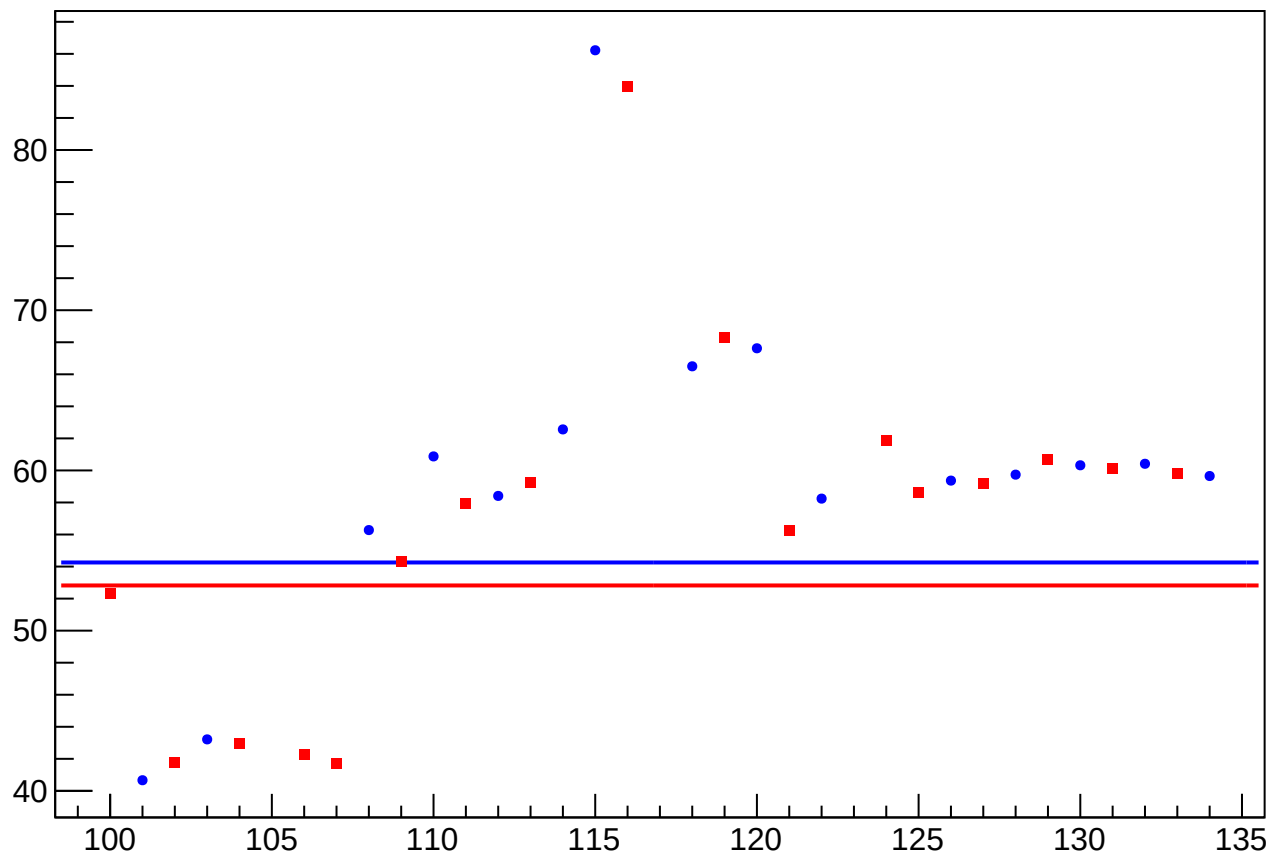
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -22.961 $\pm$ 15.122 χ^2 /NDF: 59.4/31

- 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 $\pm$ 0.016 χ^2 /NDF: 389710.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 52.821 $\pm$ 0.015 χ^2 /NDF: 422928.8/16

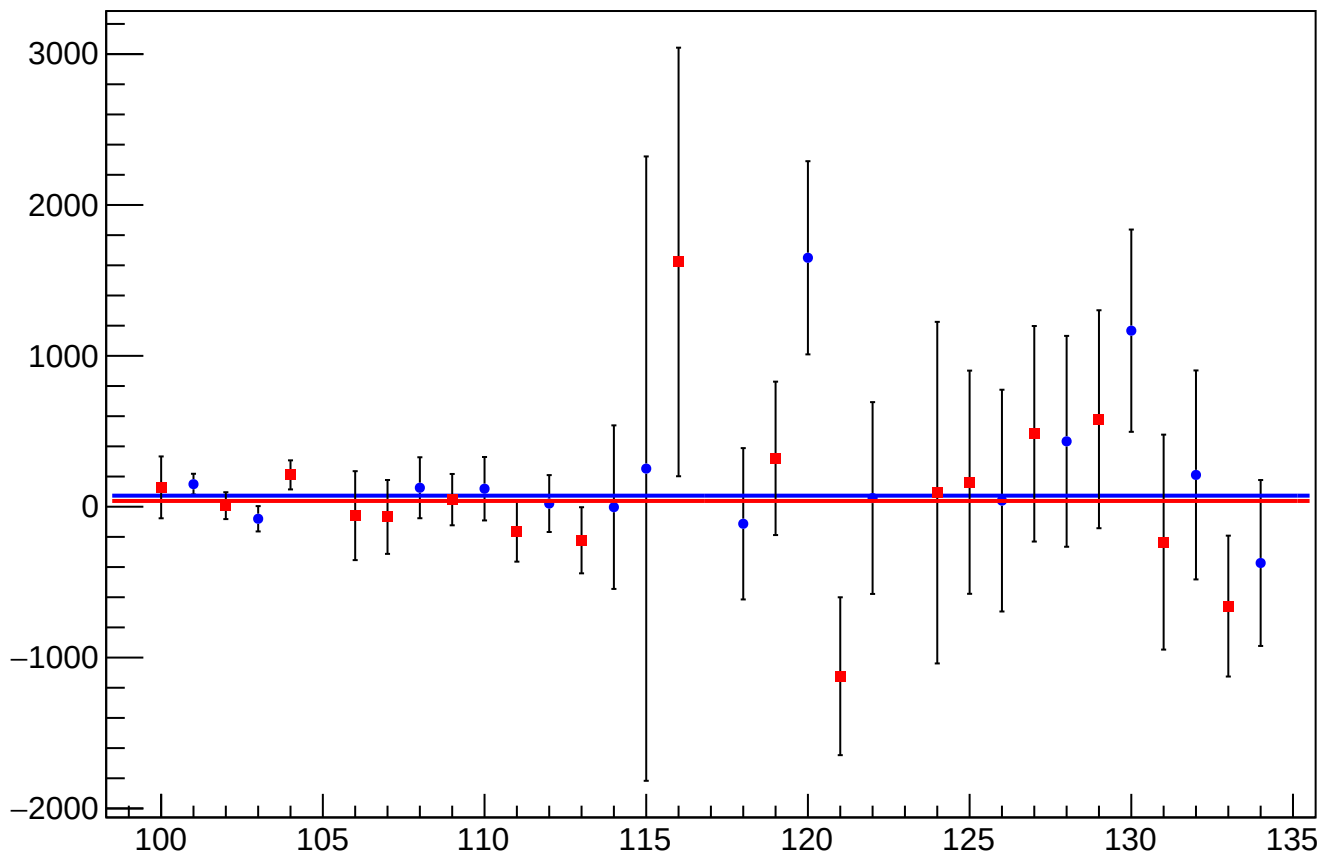
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 53.500 $\pm$ 0.011 χ^2 /NDF: 817127.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /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: 38.172+/-50.843 χ^2/NDF : 16.1/16

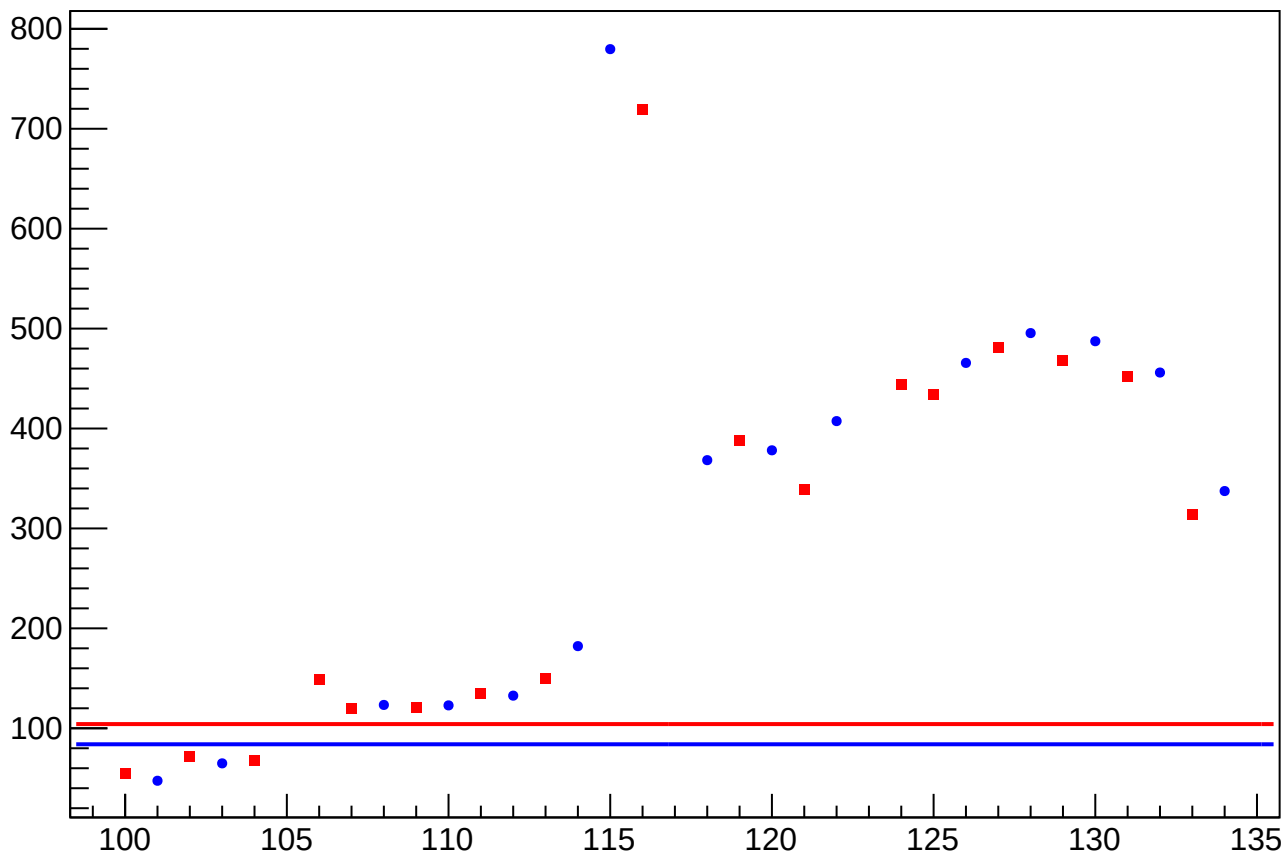
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.093+/-34.519 χ^2/NDF : 30.9/31

- 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

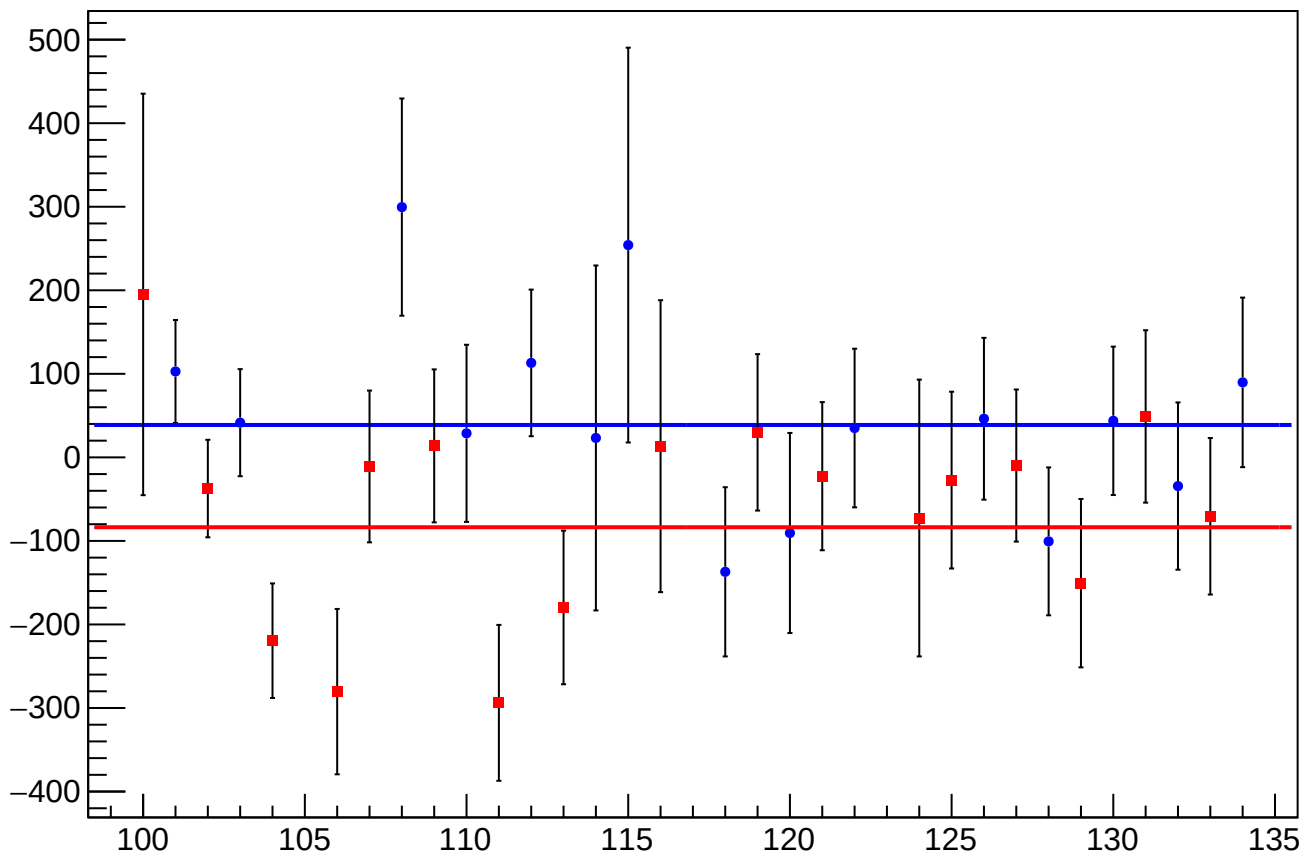
Right Out: 104.187+/-0.036 χ^2/NDF : 4813477.3/16

All: 93.294+/-0.024 χ^2/NDF : 10761566.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_avg_mean vs Slug



Right In: 38.782 ± 24.524 χ^2/NDF : 14.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -83.628 ± 22.787 χ^2/NDF : 23.1/16

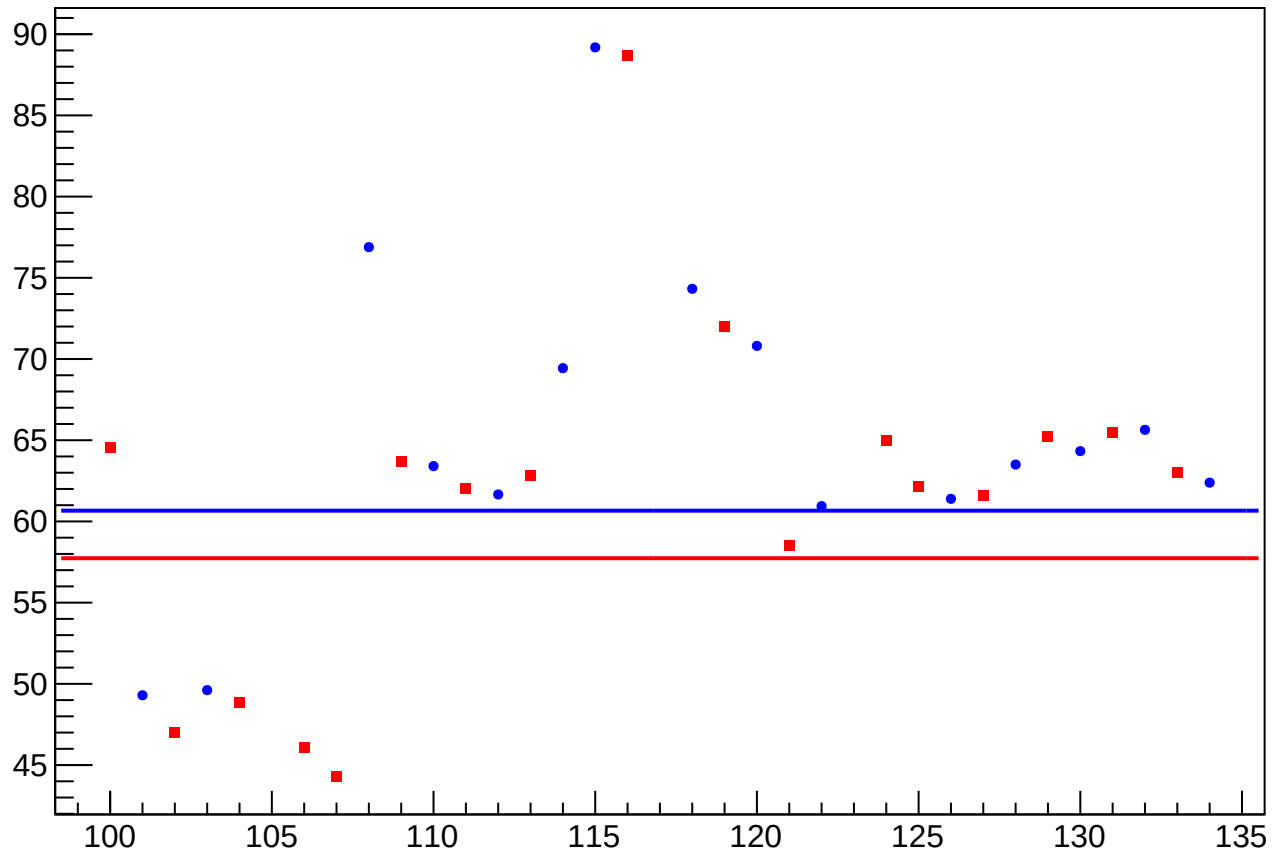
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -26.911 ± 16.693 χ^2/NDF : 50.6/31

- sign 0.000 ± 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: 57.734 $\pm$ 0.016 χ^2 /NDF: 342411.1/16

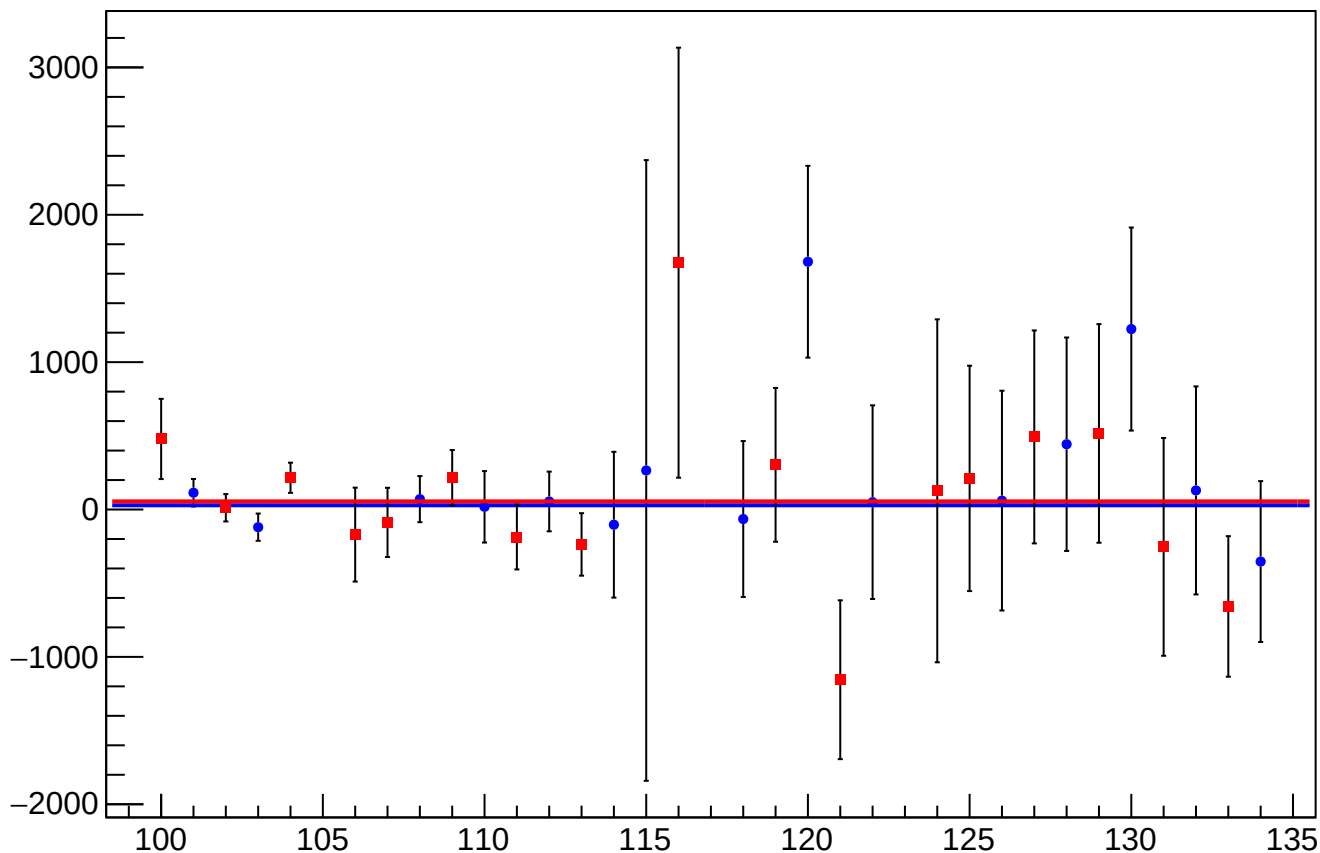
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 59.091 $\pm$ 0.012 χ^2 /NDF: 612693.0/31

- 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 $\pm$ 54.407 χ^2 /NDF: 13.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 55.294 $\pm$ 53.892 χ^2 /NDF: 19.5/16

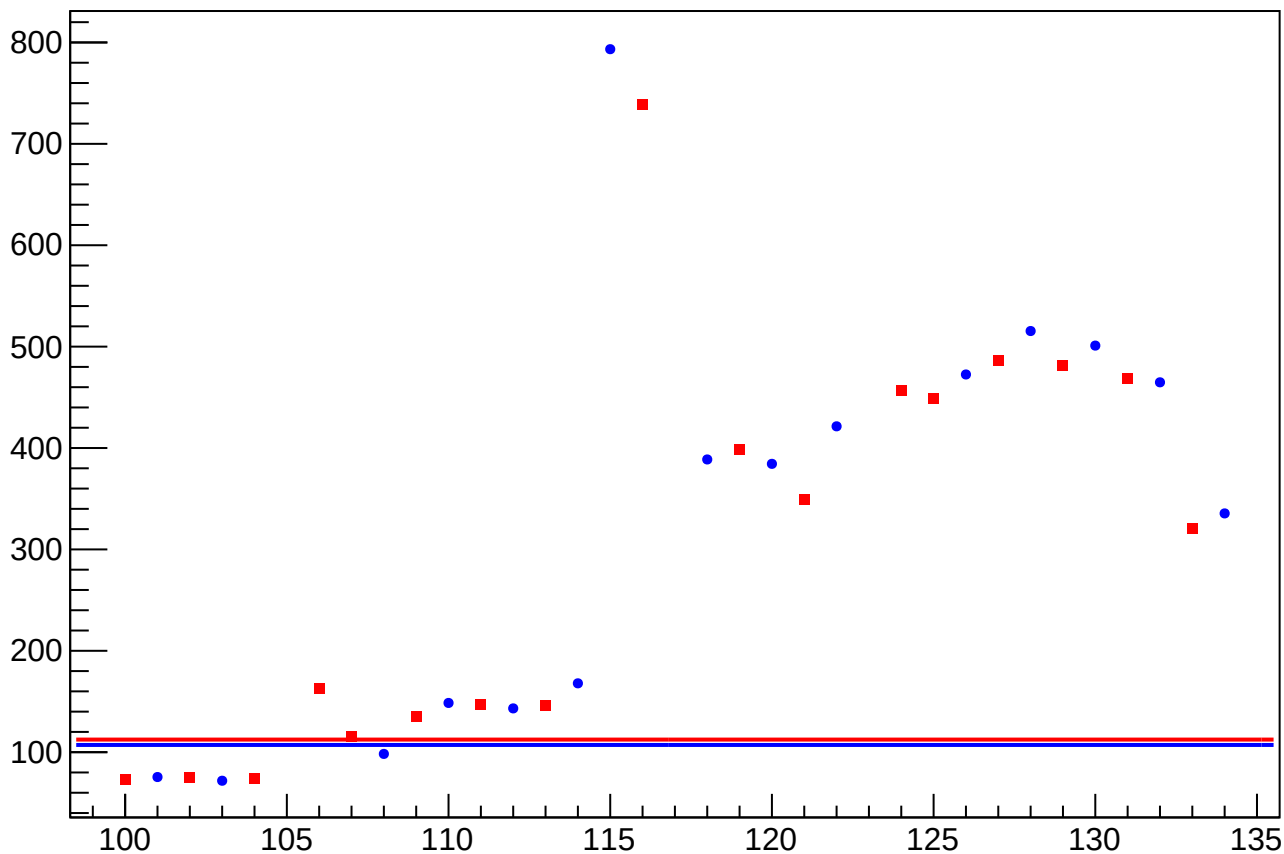
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 42.127 $\pm$ 38.288 χ^2 /NDF: 33.6/31

- sign 0.000 $\pm$ 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: 112.441+/-0.038 χ^2/NDF : 4635853.9/16

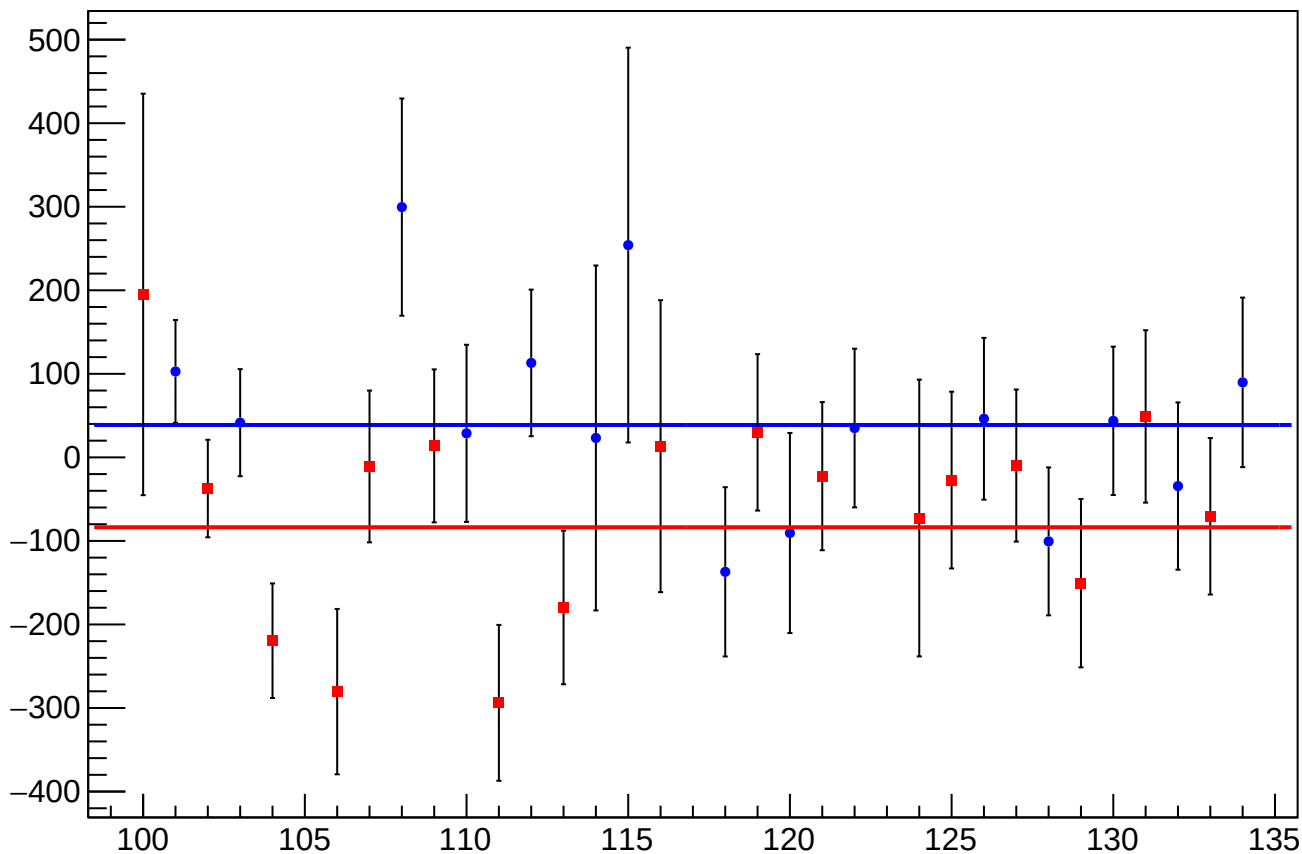
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.820+/-0.027 χ^2/NDF : 9558138.5/31

- 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: -83.627 $\pm$ 22.787 χ^2 /NDF: 23.1/16

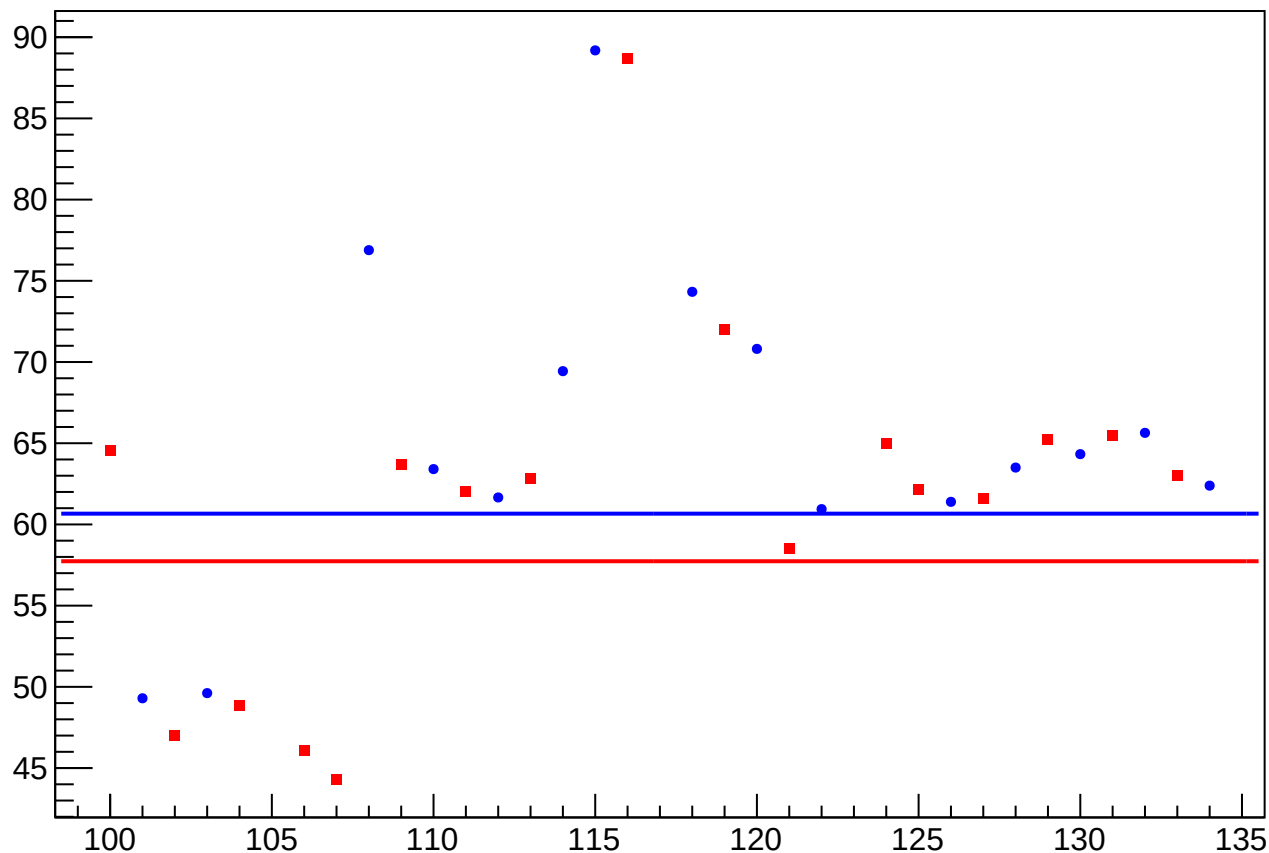
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -26.911 $\pm$ 16.693 χ^2 /NDF: 50.6/31

- 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: 57.734 $\pm$ 0.016 χ^2 /NDF: 342408.0/16

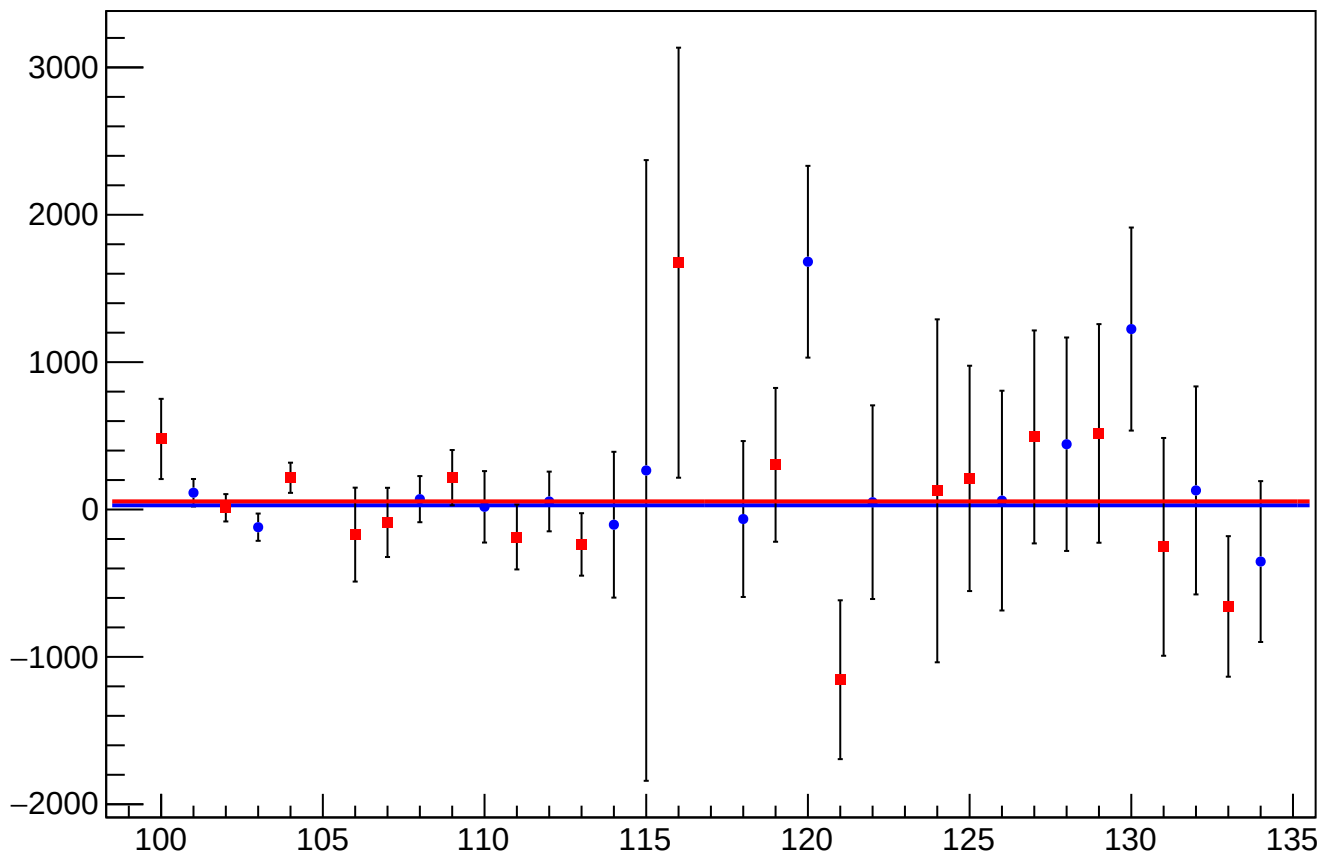
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 59.091 $\pm$ 0.012 χ^2 /NDF: 612688.1/31

- 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: 55.294+/-53.892 χ^2/NDF : 19.5/16

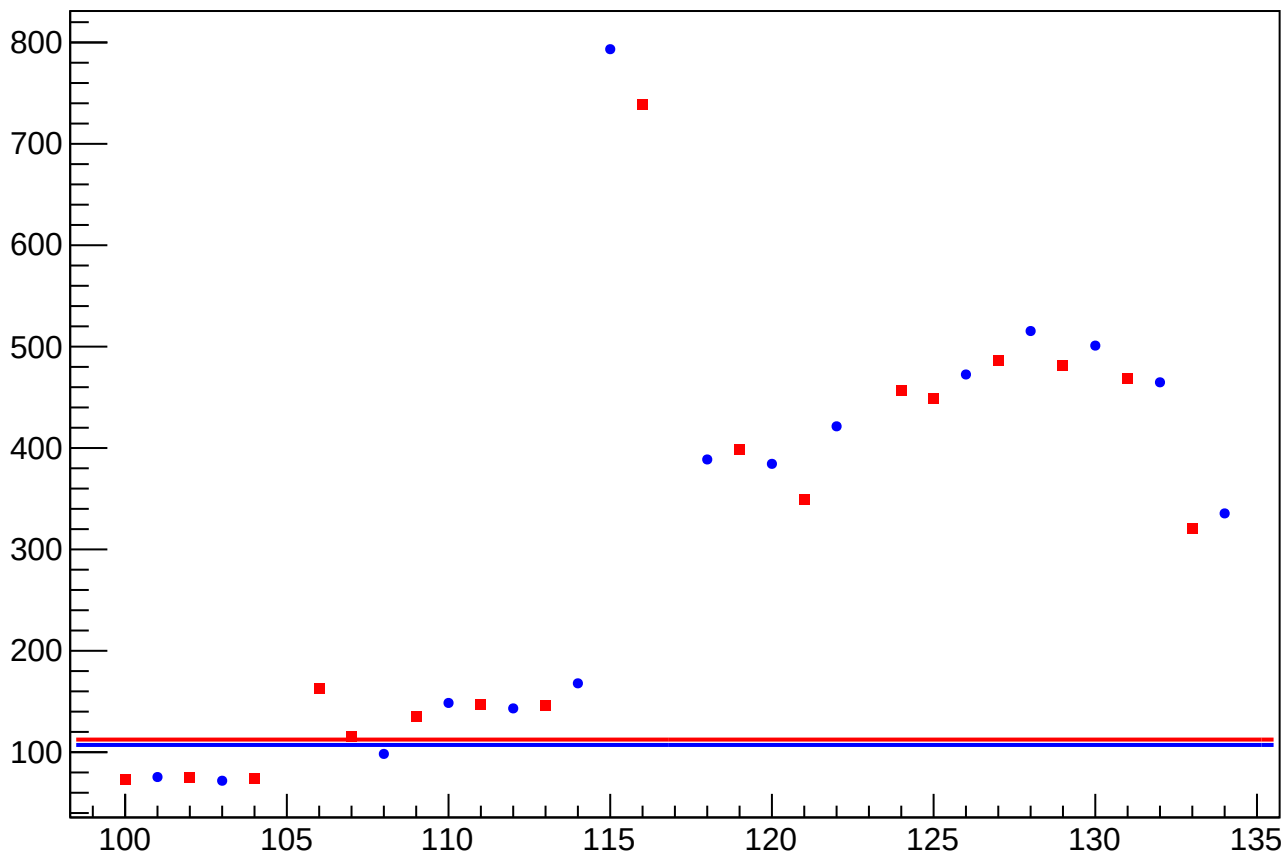
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.126+/-38.288 χ^2/NDF : 33.6/31

- 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: 112.441+/-0.038 χ^2/NDF : 4635859.4/16

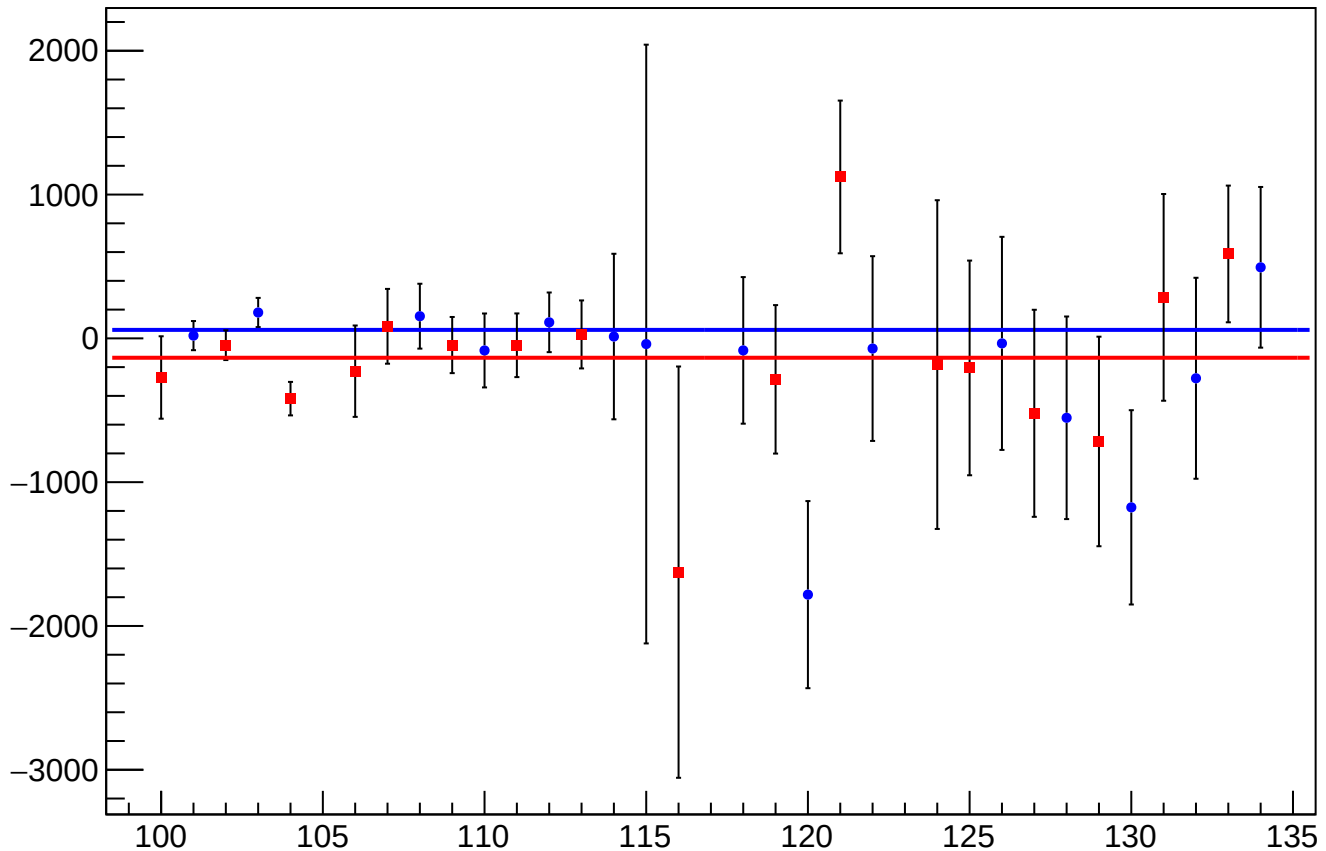
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.819+/-0.027 χ^2/NDF : 9558146.4/31

- 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: -134.801+/-58.823 χ^2/NDF : 18.9/16

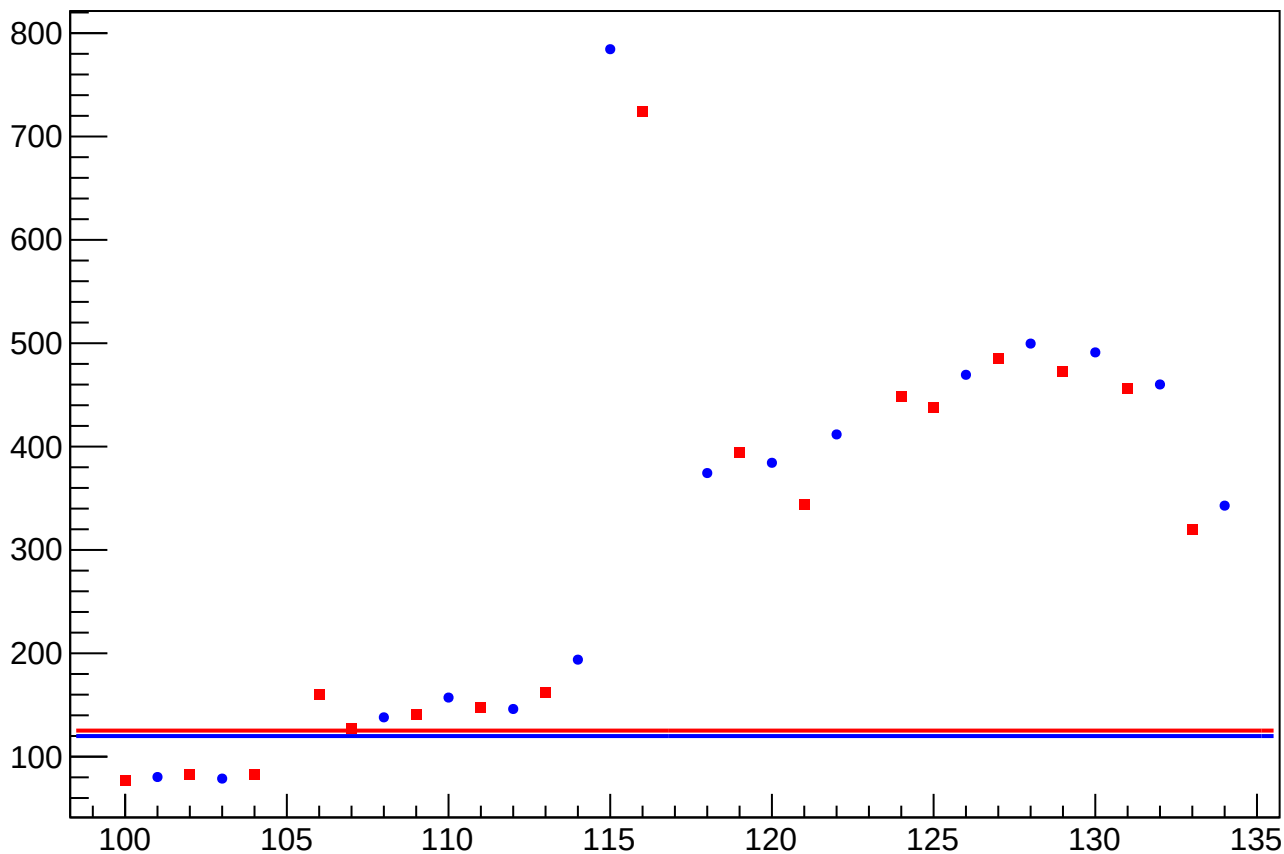
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.242+/-42.090 χ^2/NDF : 39.4/31

- 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: 125.235+/-0.042 χ^2/NDF : 4219142.1/16

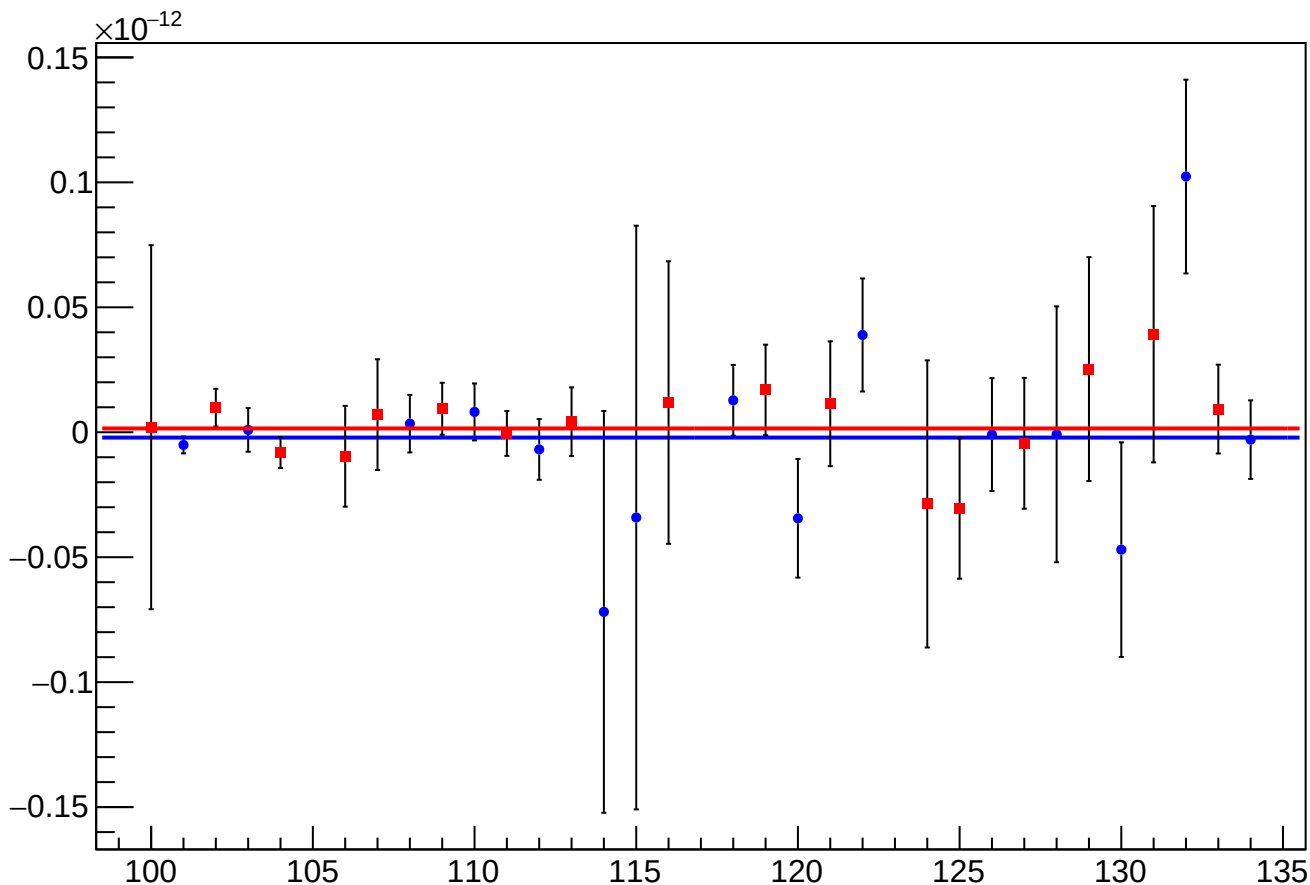
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.647+/-0.030 χ^2/NDF : 8848326.1/31

- 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: 8.2/16

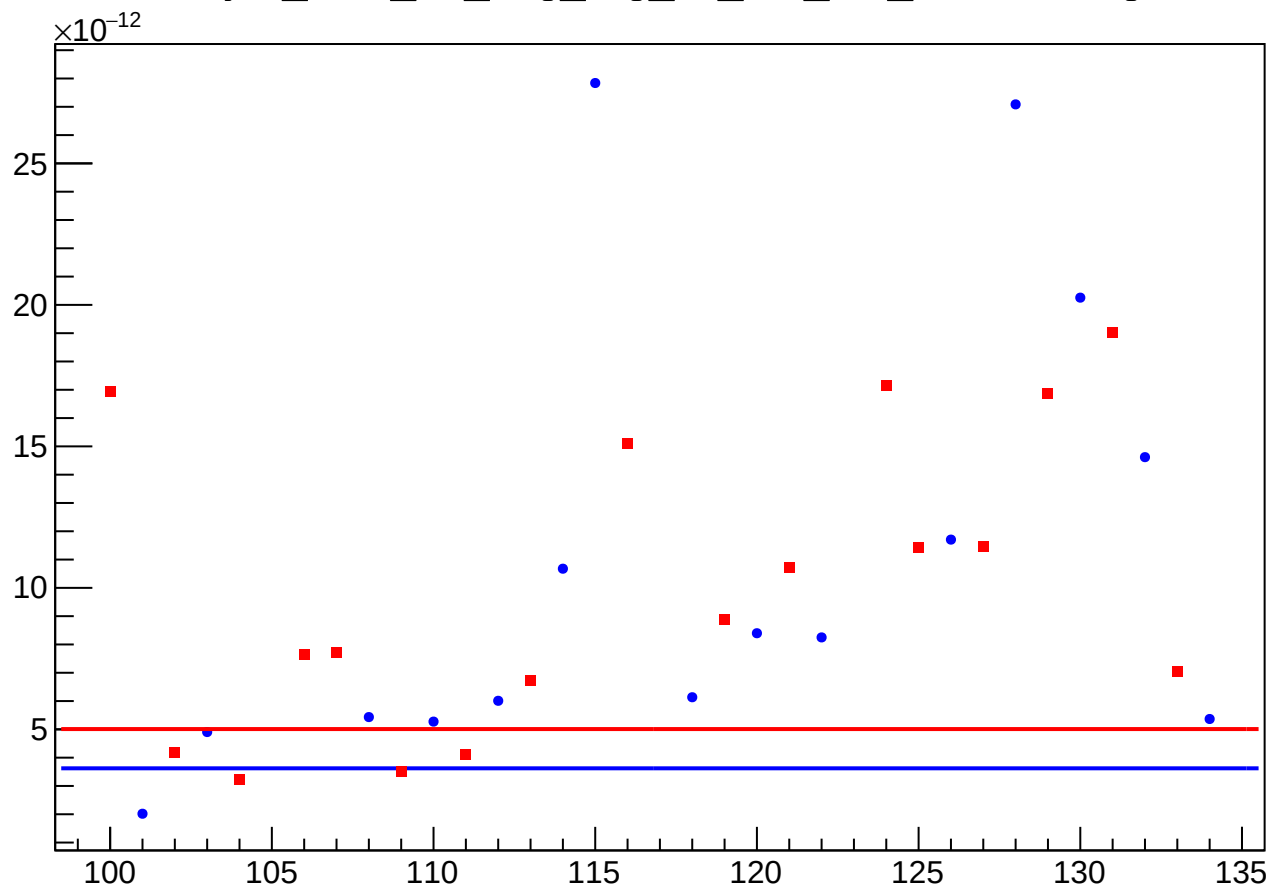
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 26.4/31

- 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 : 1293073.5/16

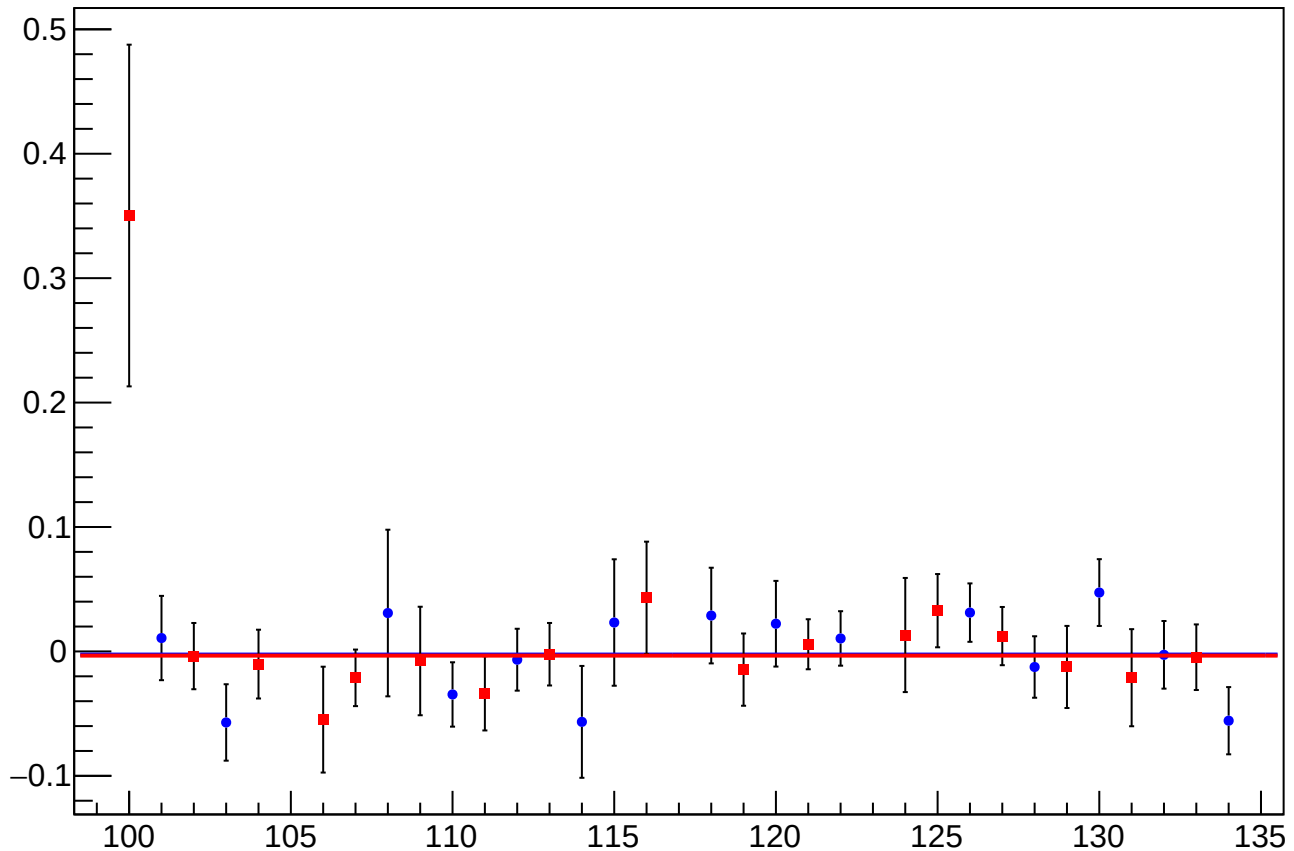
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3652573.5/31

- 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 $\pm$ 0.008 χ^2 /NDF: 17.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.003 $\pm$ 0.007 χ^2 /NDF: 13.6/16

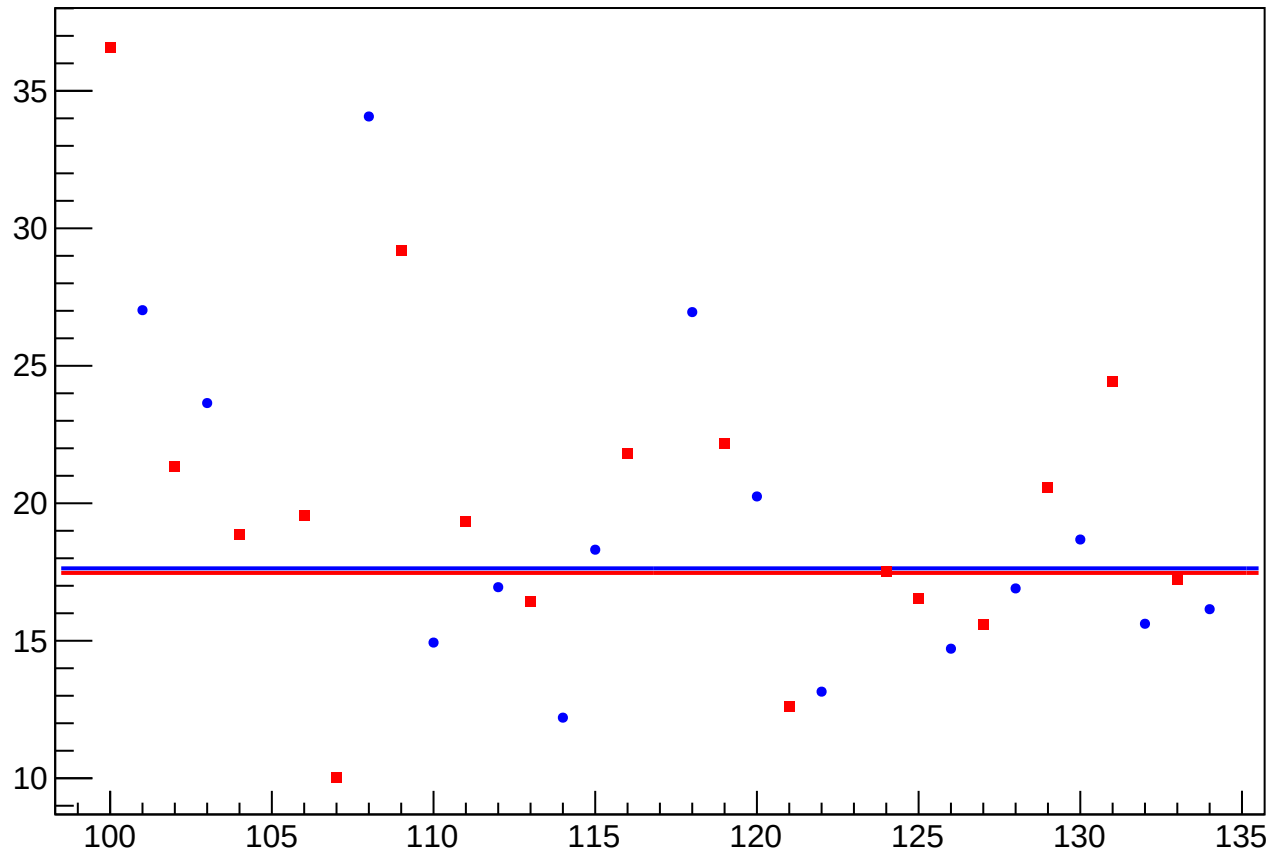
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.003 $\pm$ 0.005 χ^2 /NDF: 31.5/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_dit_vs_cor_diff_rms vs Slug



Right In: 17.634 $\pm$ 0.005 χ^2 /NDF: 669401.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.467 $\pm$ 0.005 χ^2 /NDF: 745153.2/16

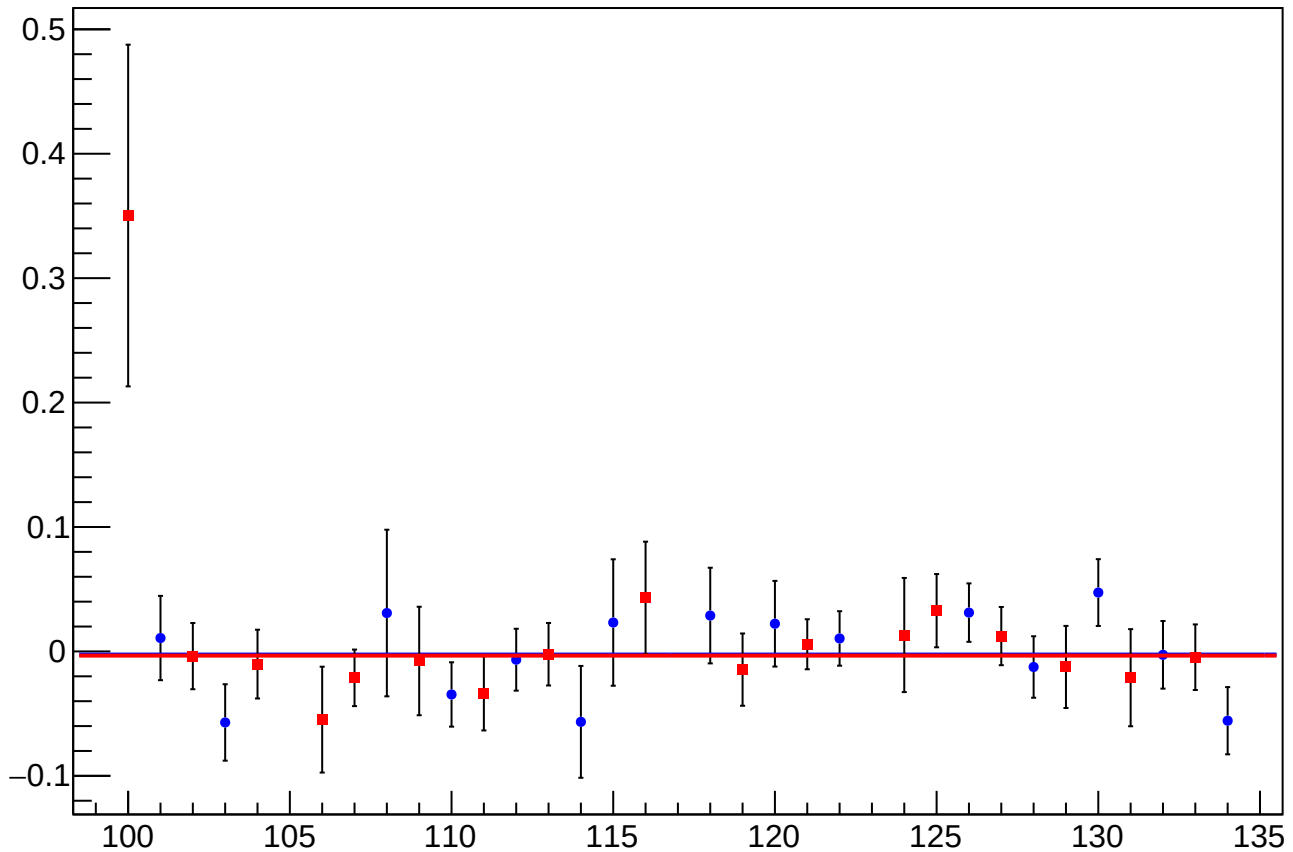
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.546 $\pm$ 0.004 χ^2 /NDF: 1415058.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_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: -0.003+/-0.007 χ^2/NDF : 13.6/16

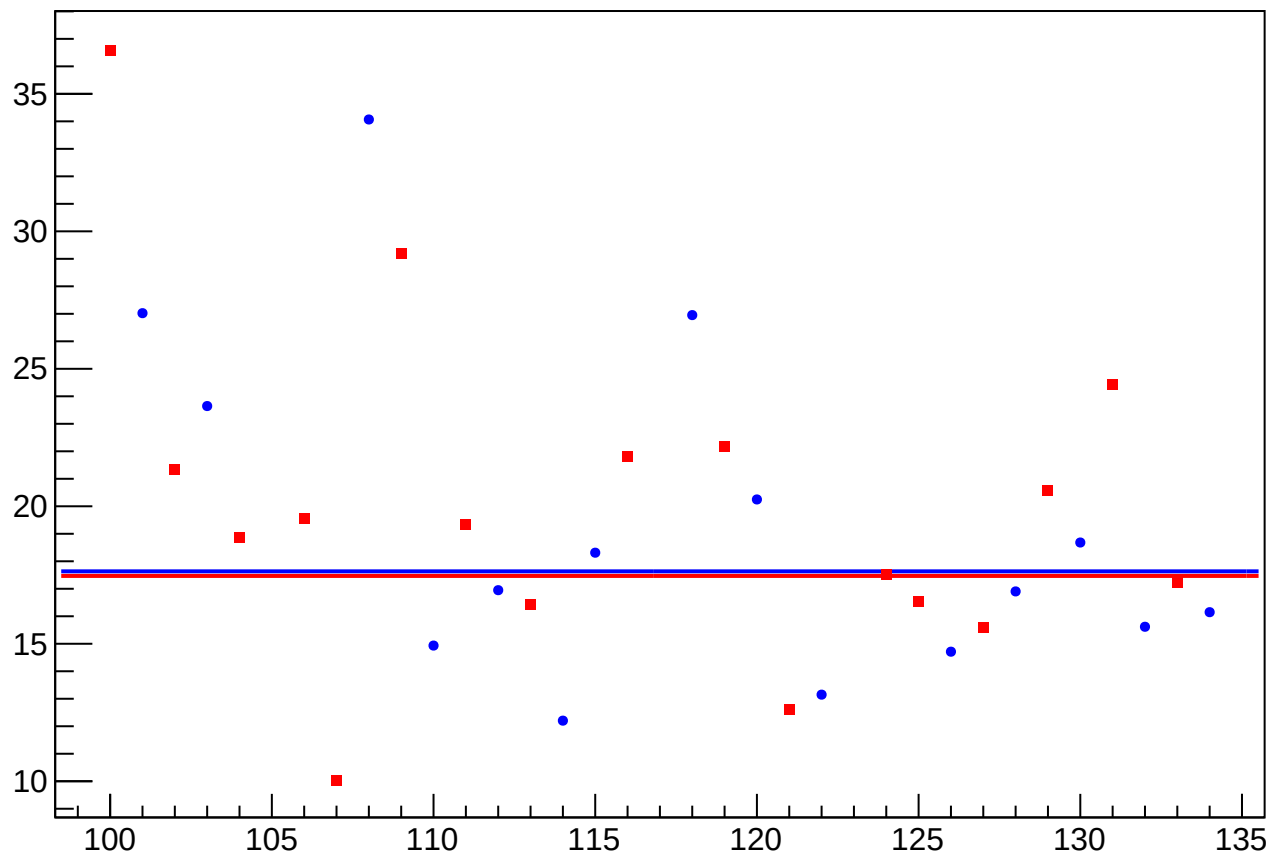
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.005 χ^2/NDF : 31.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 17.634 $\pm$ 0.005 χ^2 /NDF: 669401.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.467 $\pm$ 0.005 χ^2 /NDF: 745153.2/16

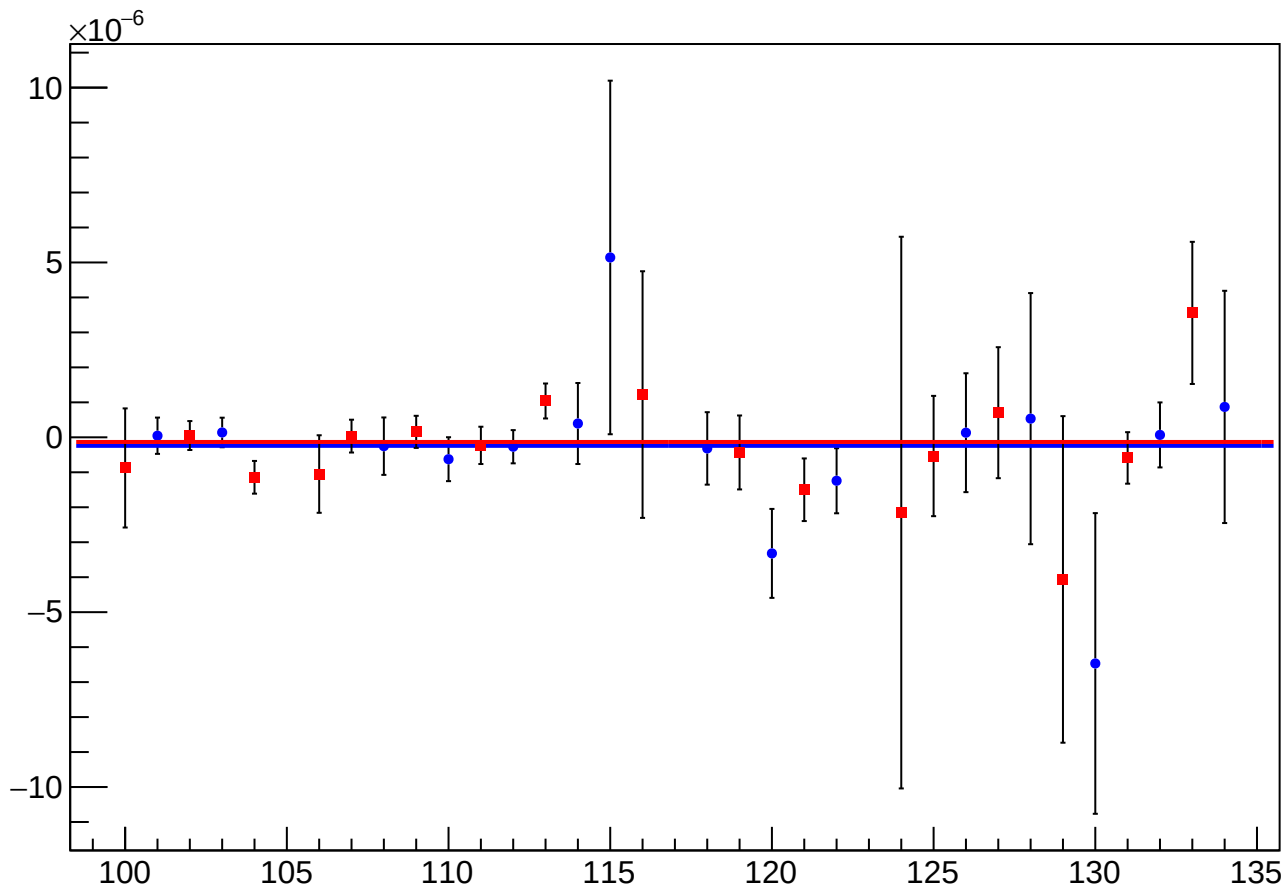
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.546 $\pm$ 0.004 χ^2 /NDF: 1415058.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_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: 19.1/16

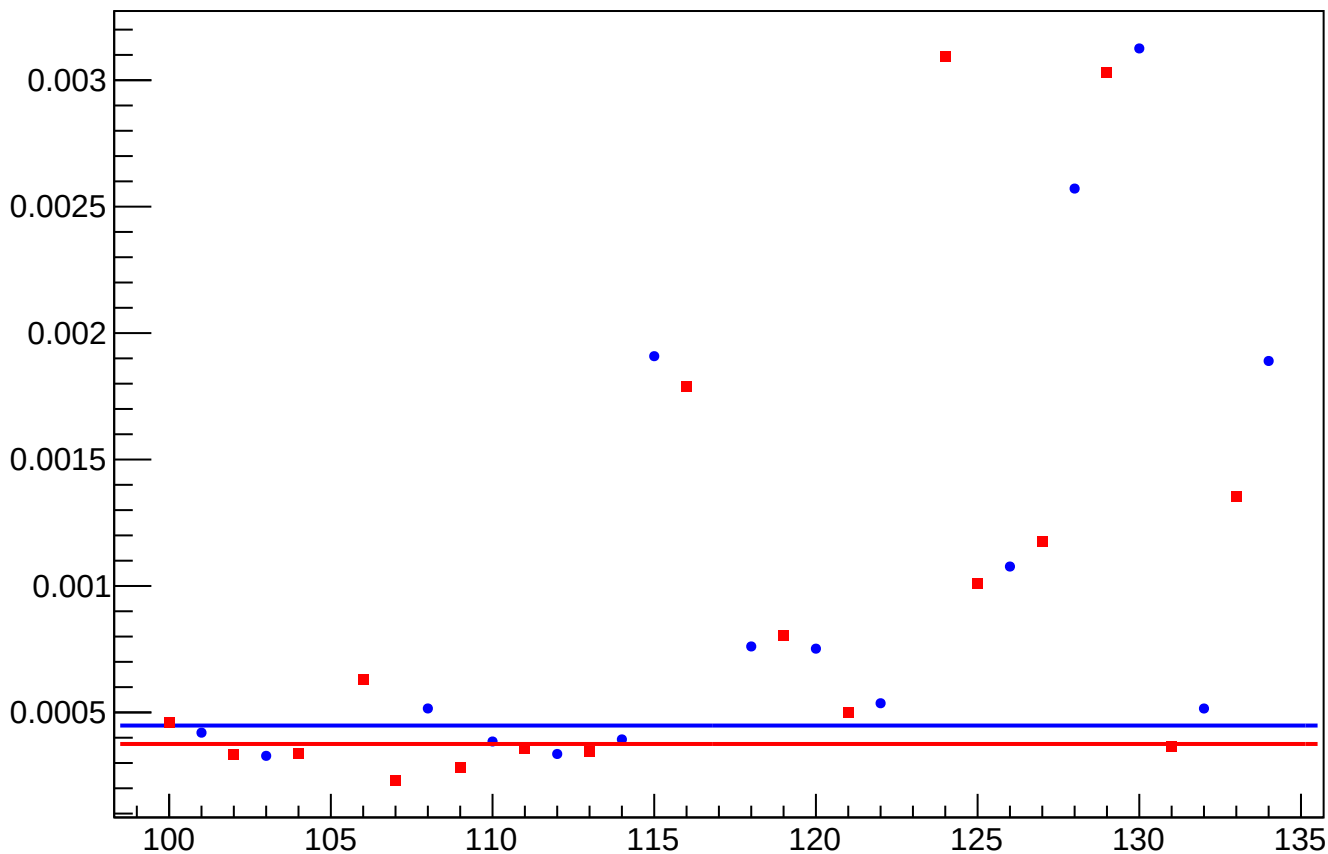
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 31.6/31

- sign 0.000 $\pm$ 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 : 3106179.9/16

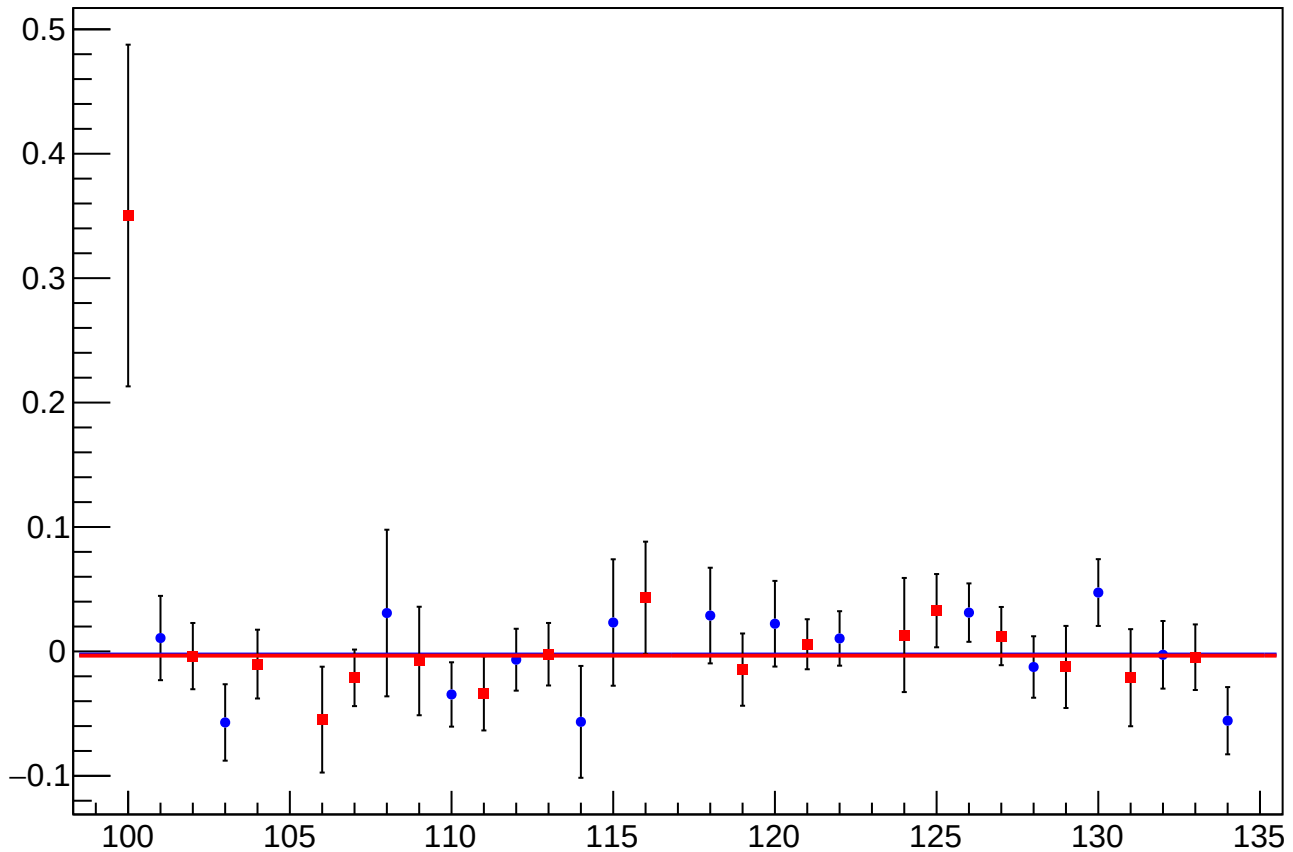
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6185326.5/31

- 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: -0.003 $\pm$ 0.007 χ^2 /NDF: 13.6/16

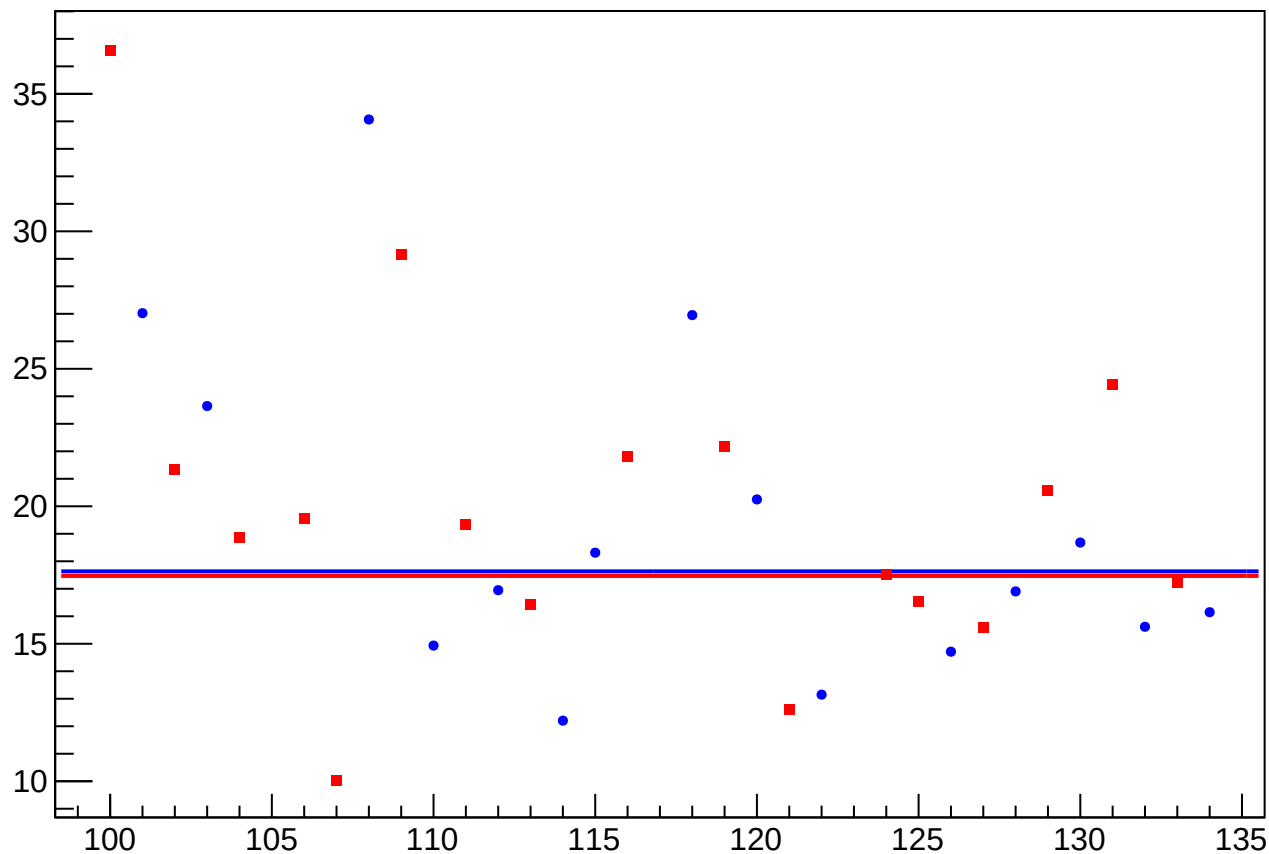
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.003 $\pm$ 0.005 χ^2 /NDF: 31.5/31

- 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 $\pm$ 0.005 χ^2 /NDF: 669404.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.467 $\pm$ 0.005 χ^2 /NDF: 745151.7/16

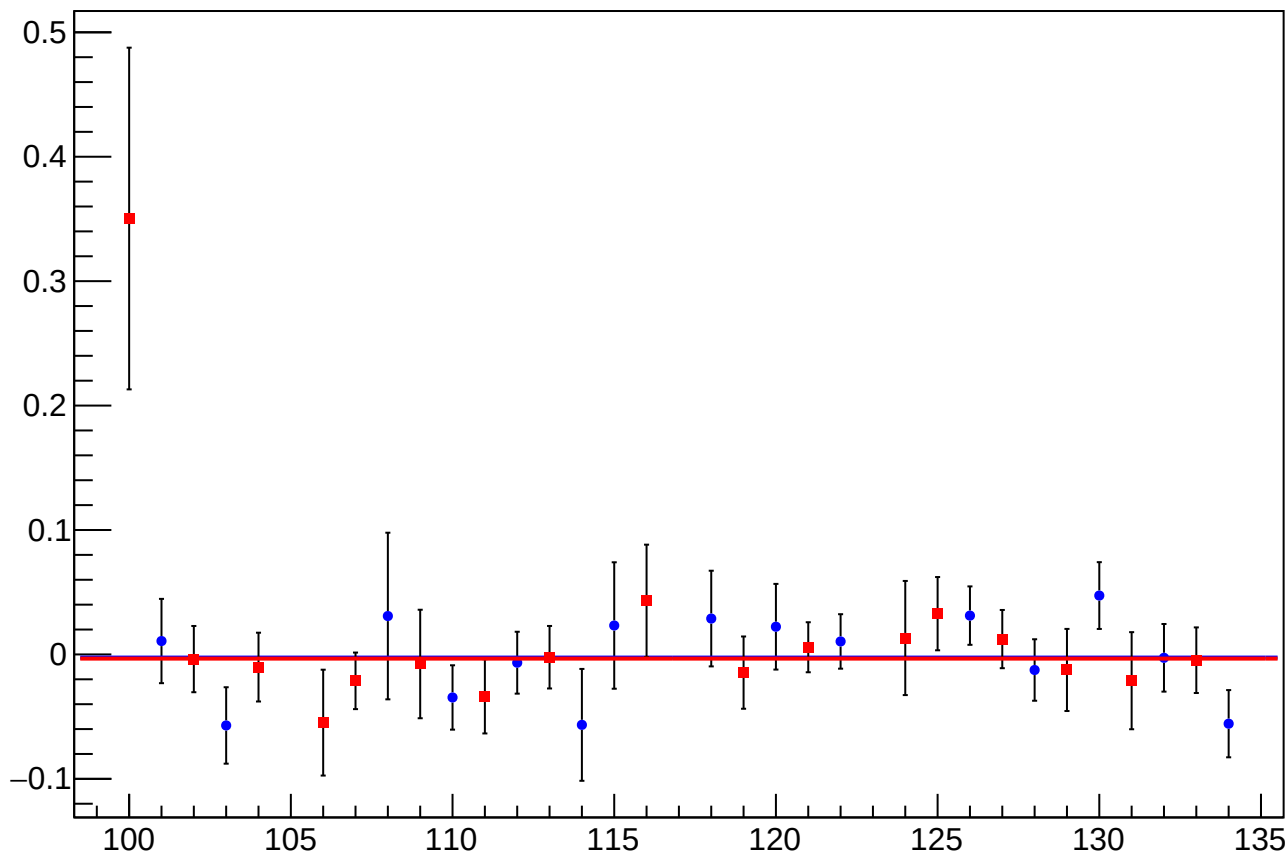
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.546 $\pm$ 0.004 χ^2 /NDF: 1415059.2/31

- sign 0.000 $\pm$ 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: -0.003+/-0.007 χ^2 /NDF: 13.6/16

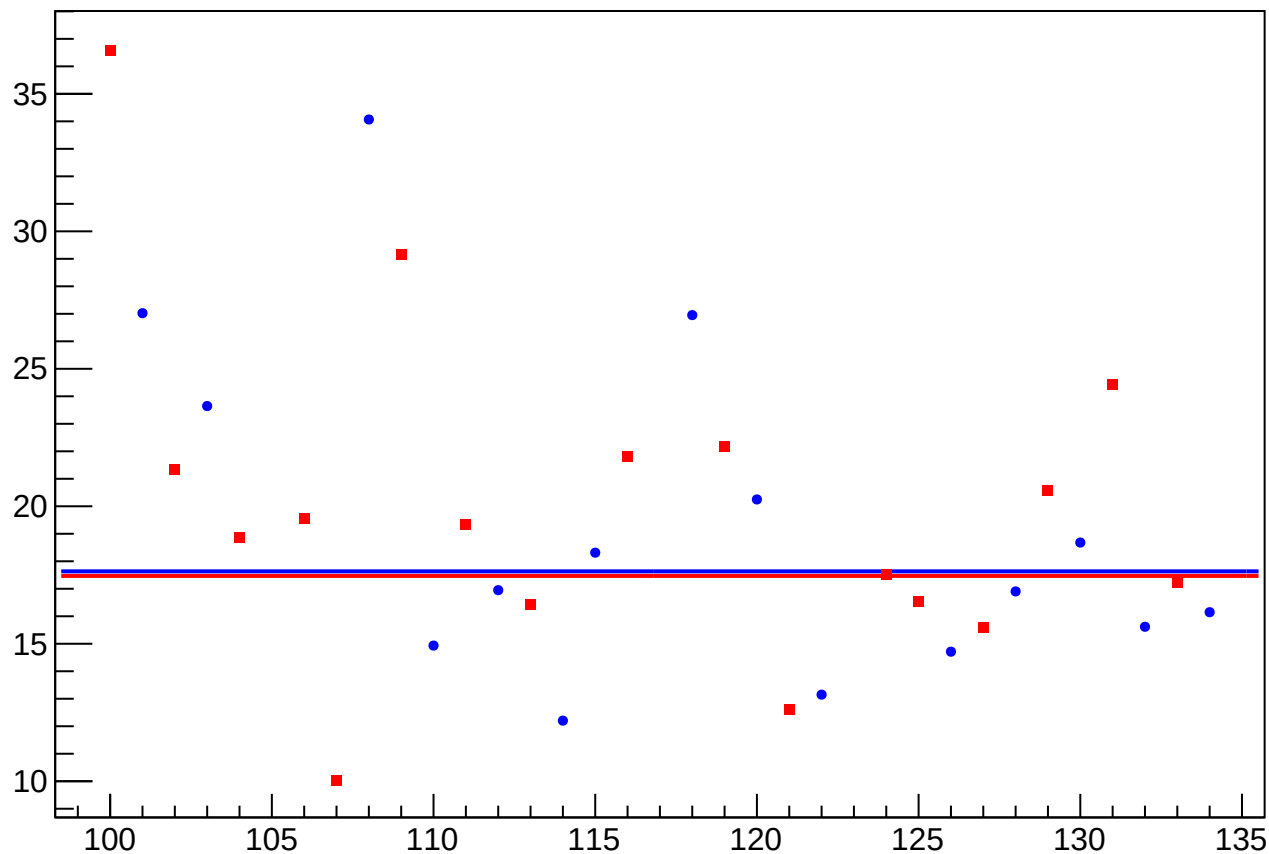
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.003+/-0.005 χ^2 /NDF: 31.5/31

- 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 $\pm$ 0.005 χ^2 /NDF: 669404.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.467 $\pm$ 0.005 χ^2 /NDF: 745151.7/16

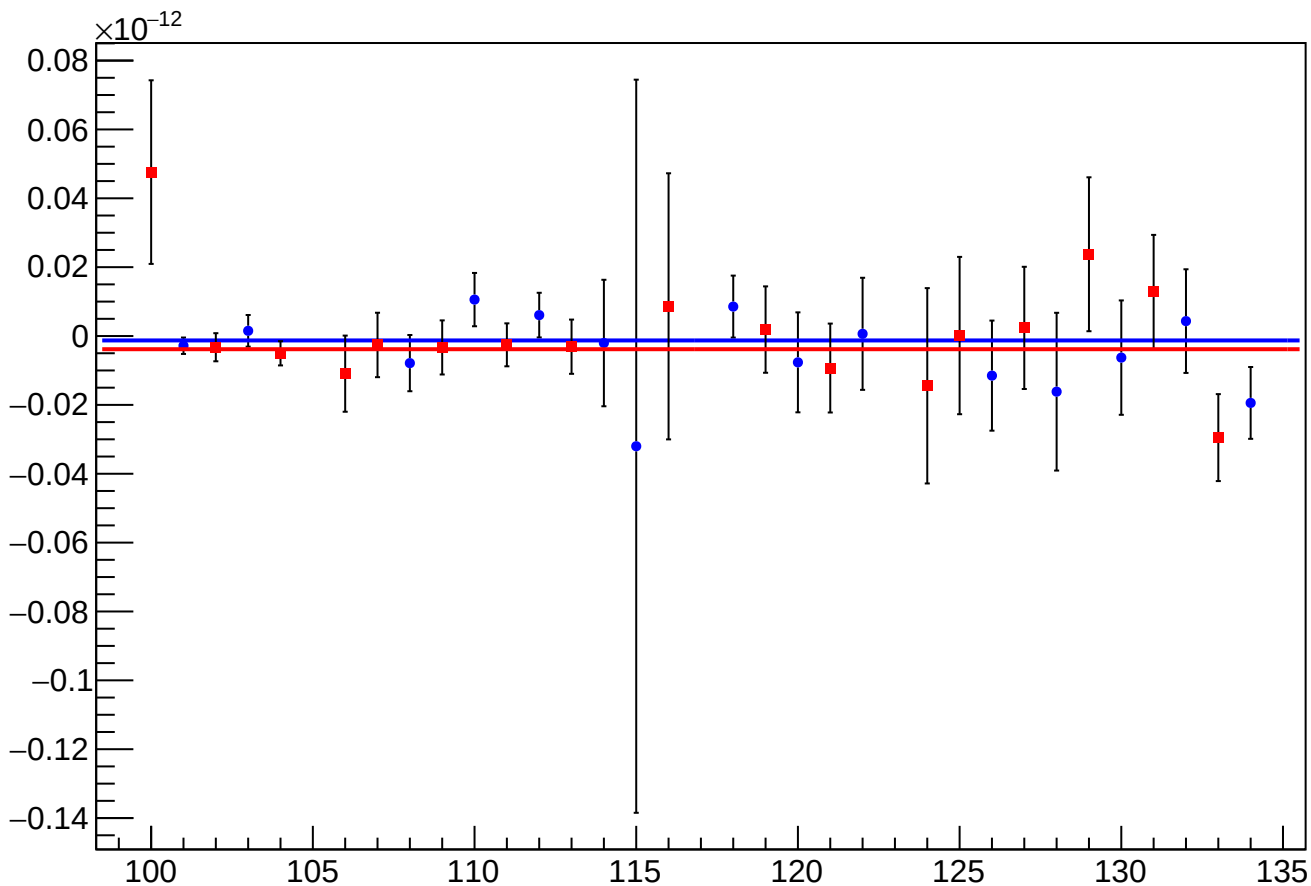
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.546 $\pm$ 0.004 χ^2 /NDF: 1415059.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_eigen_cor_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: 11.8/16

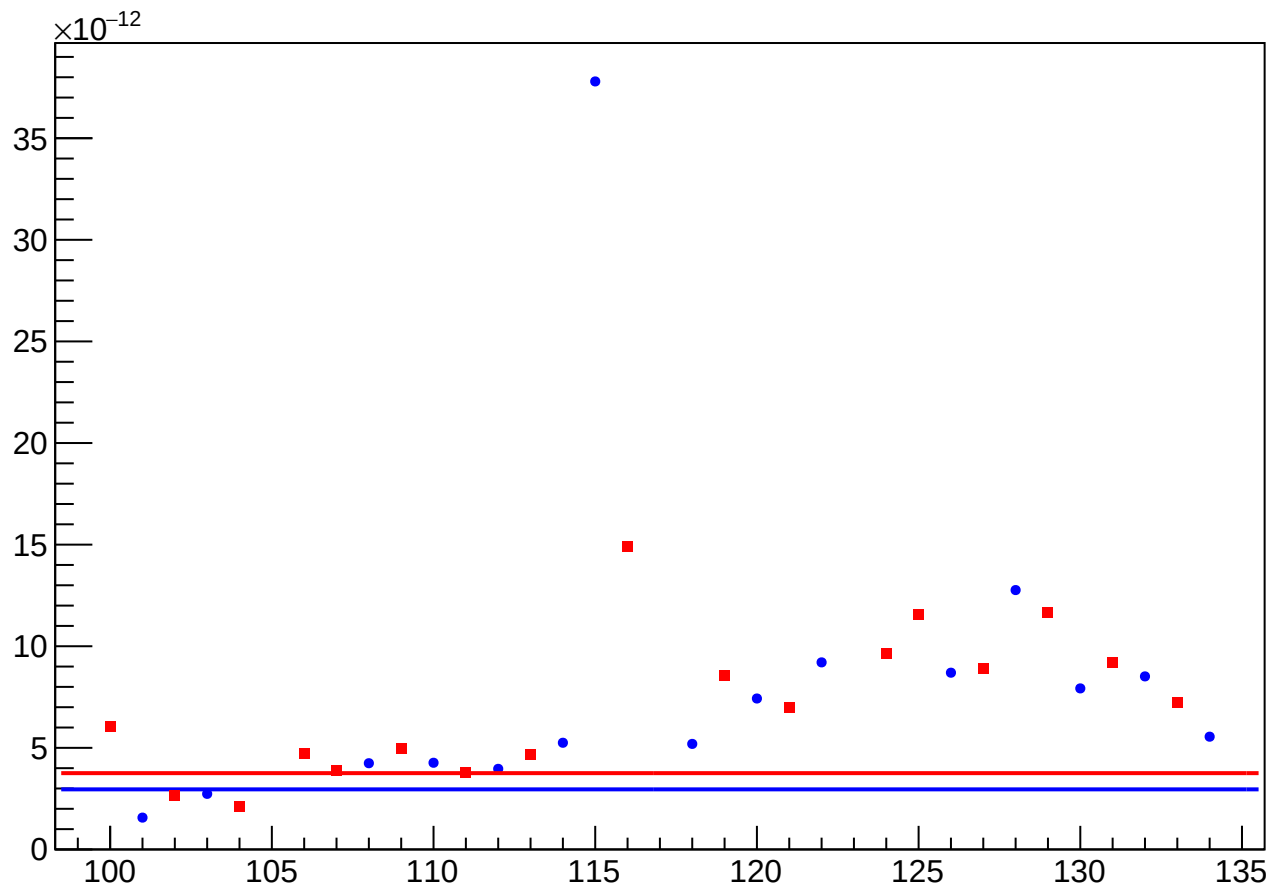
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 23.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2892995.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2381265.7/16

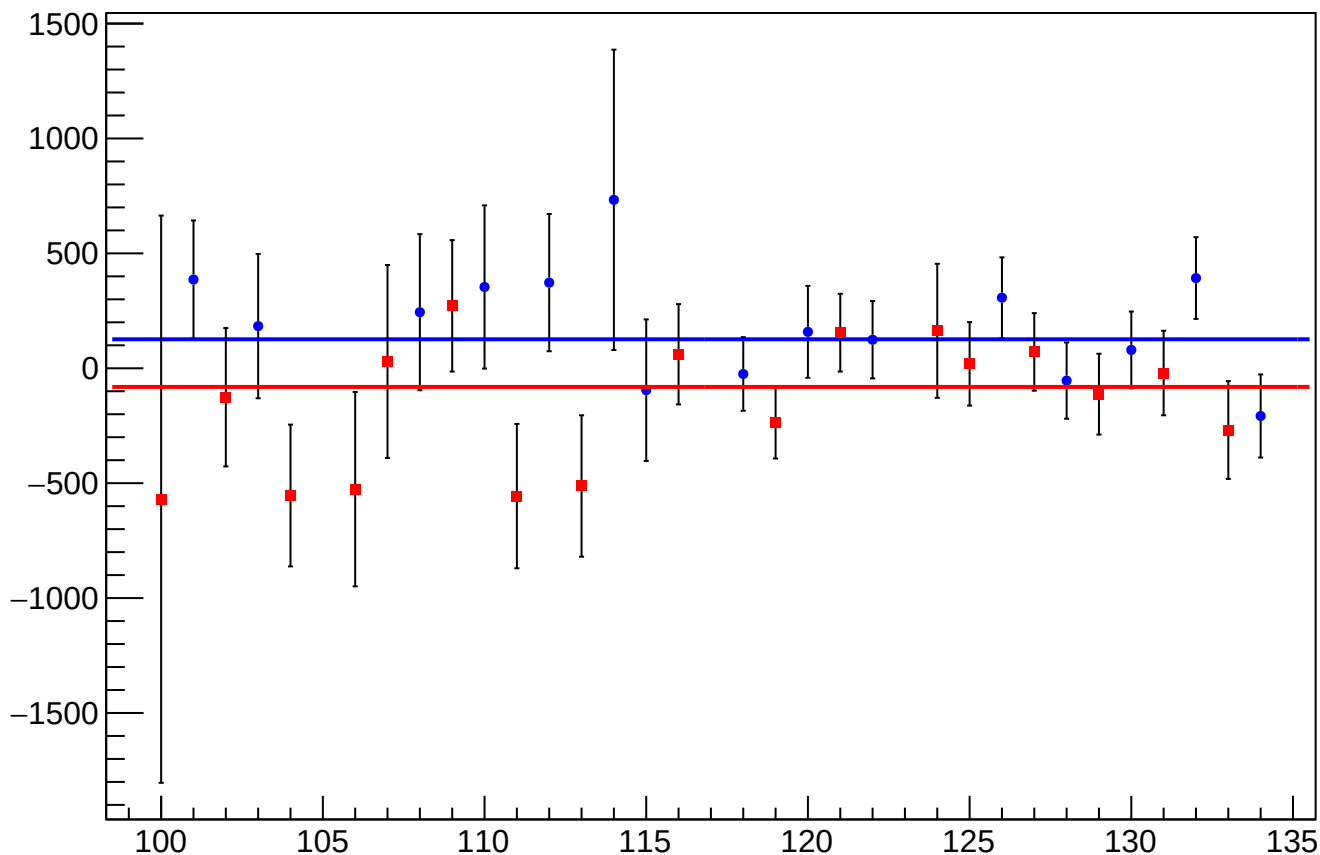
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5454903.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_mean vs Slug



Right In: 126.086+/-54.870 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -81.145+/-55.477 χ^2/NDF : 15.6/16

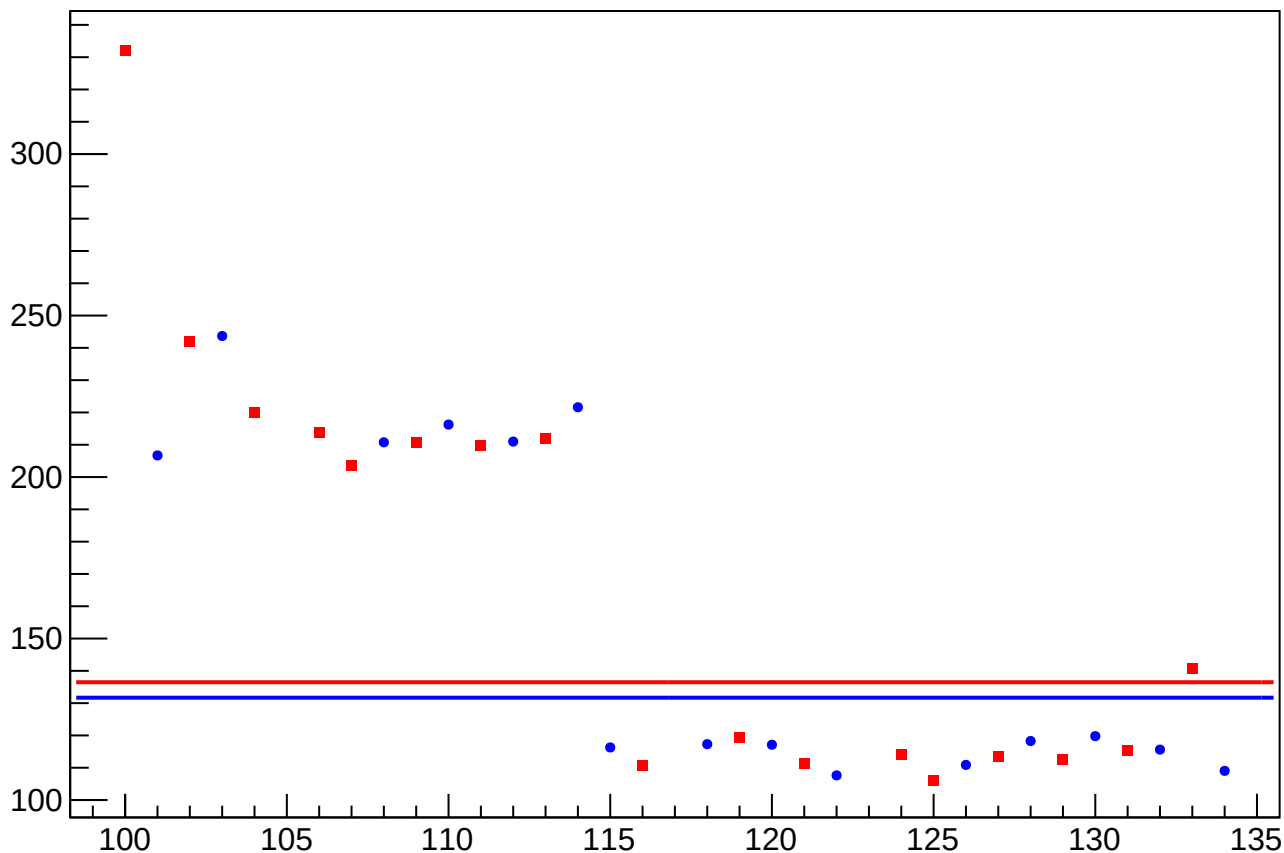
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.609+/-39.012 χ^2/NDF : 35.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_rms vs Slug



Right In: 131.686+/-0.039 χ^2/NDF : 997373.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.475+/-0.039 χ^2/NDF : 1188315.4/16

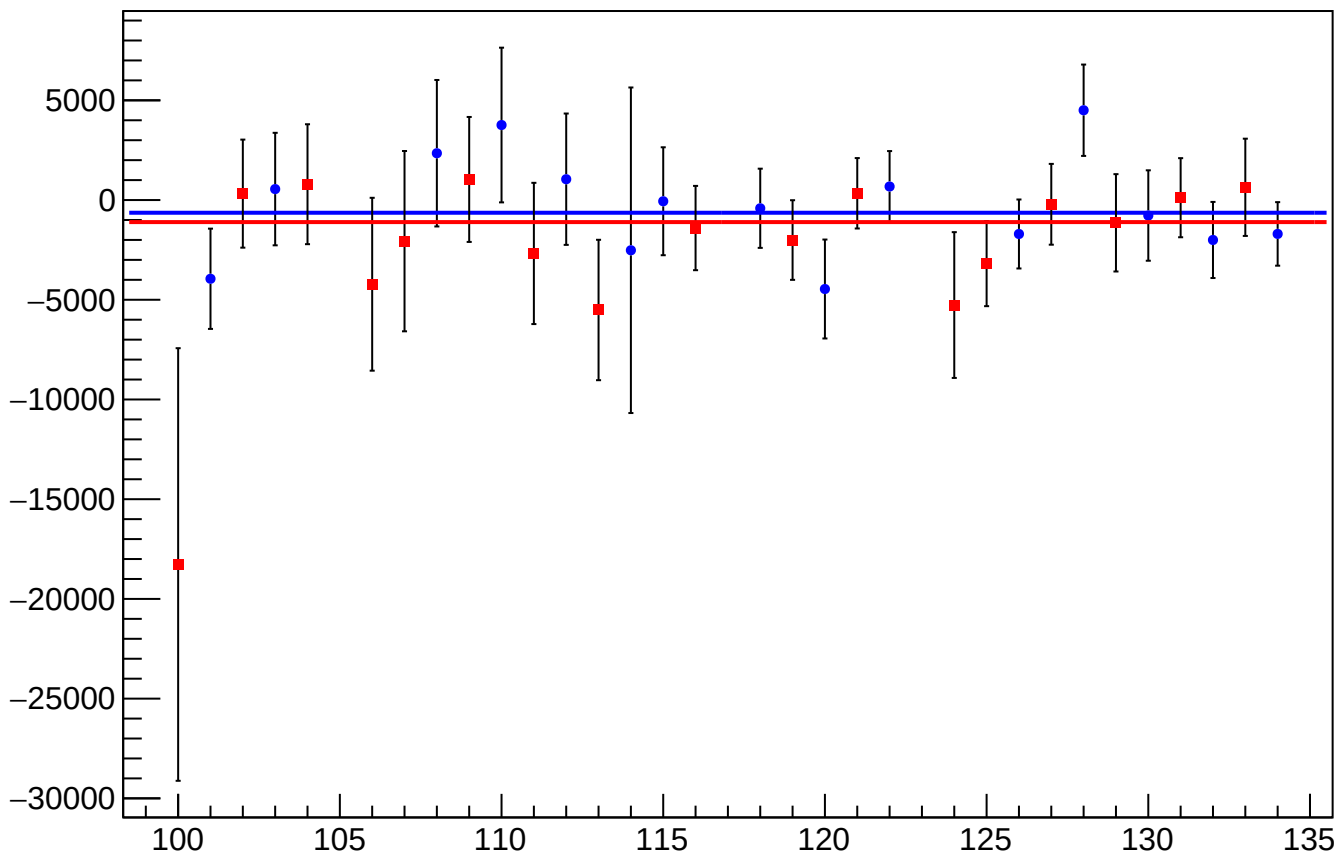
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.054+/-0.028 χ^2/NDF : 2193225.0/31

- sign 0.000+/-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: -1105.345+/-626.945 χ^2/NDF : 10.2/16

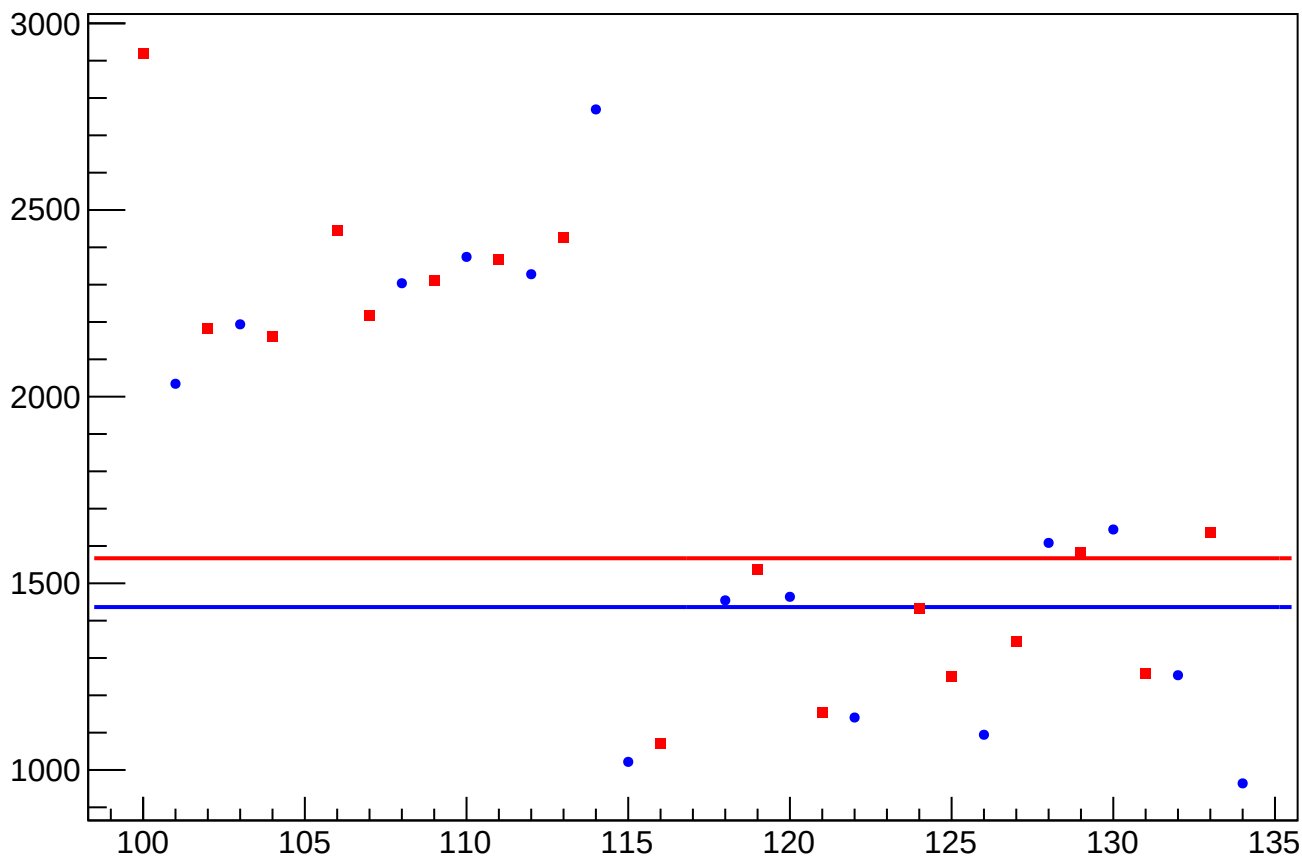
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -860.262+/-432.985 χ^2/NDF : 24.0/31

- 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

Right Out: 1567.123+/-0.443 χ^2/NDF : 1010432.0/16

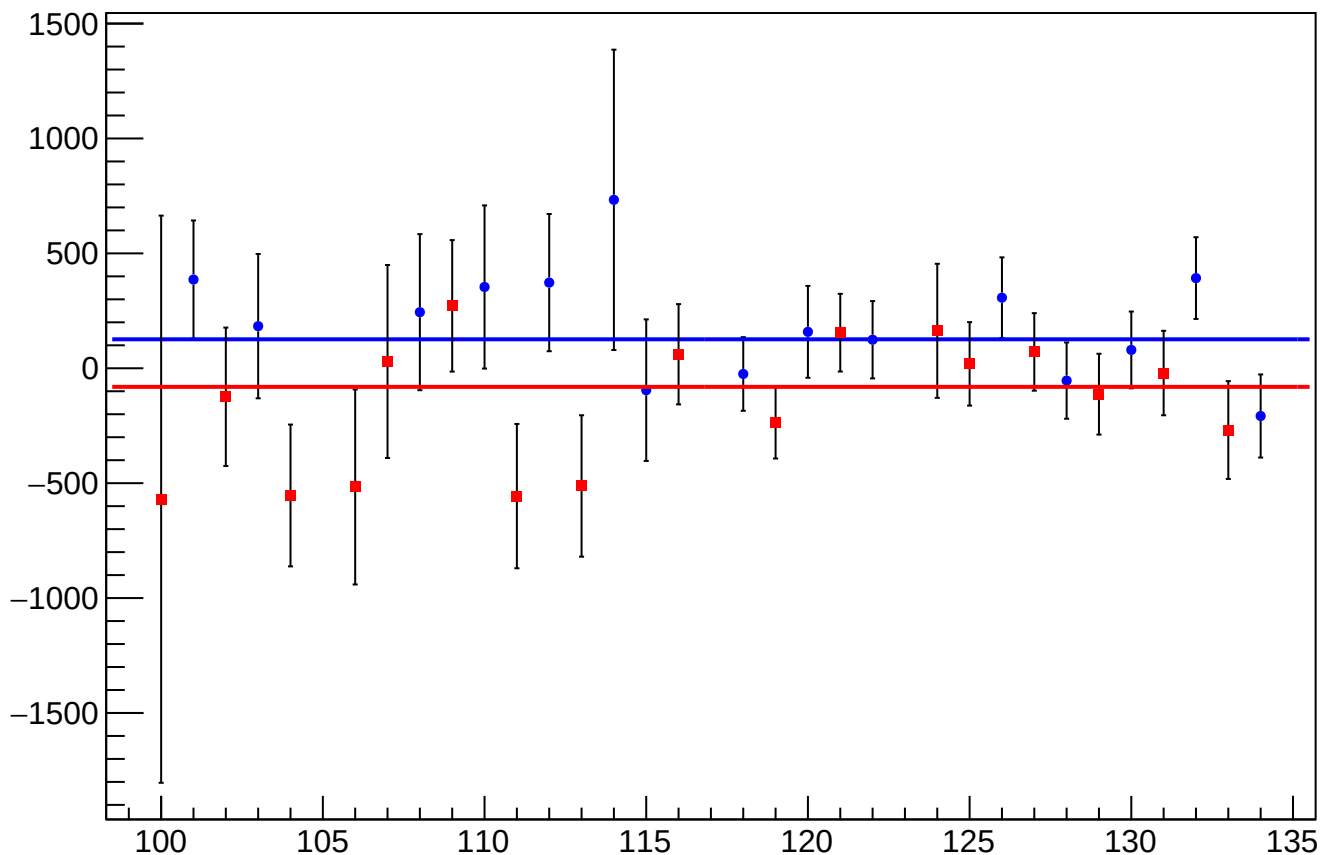
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1498.746+/-0.306 χ^2/NDF : 2145155.7/31

- sign 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: -80.857 $\pm$ 55.481 χ^2 /NDF: 15.5/16

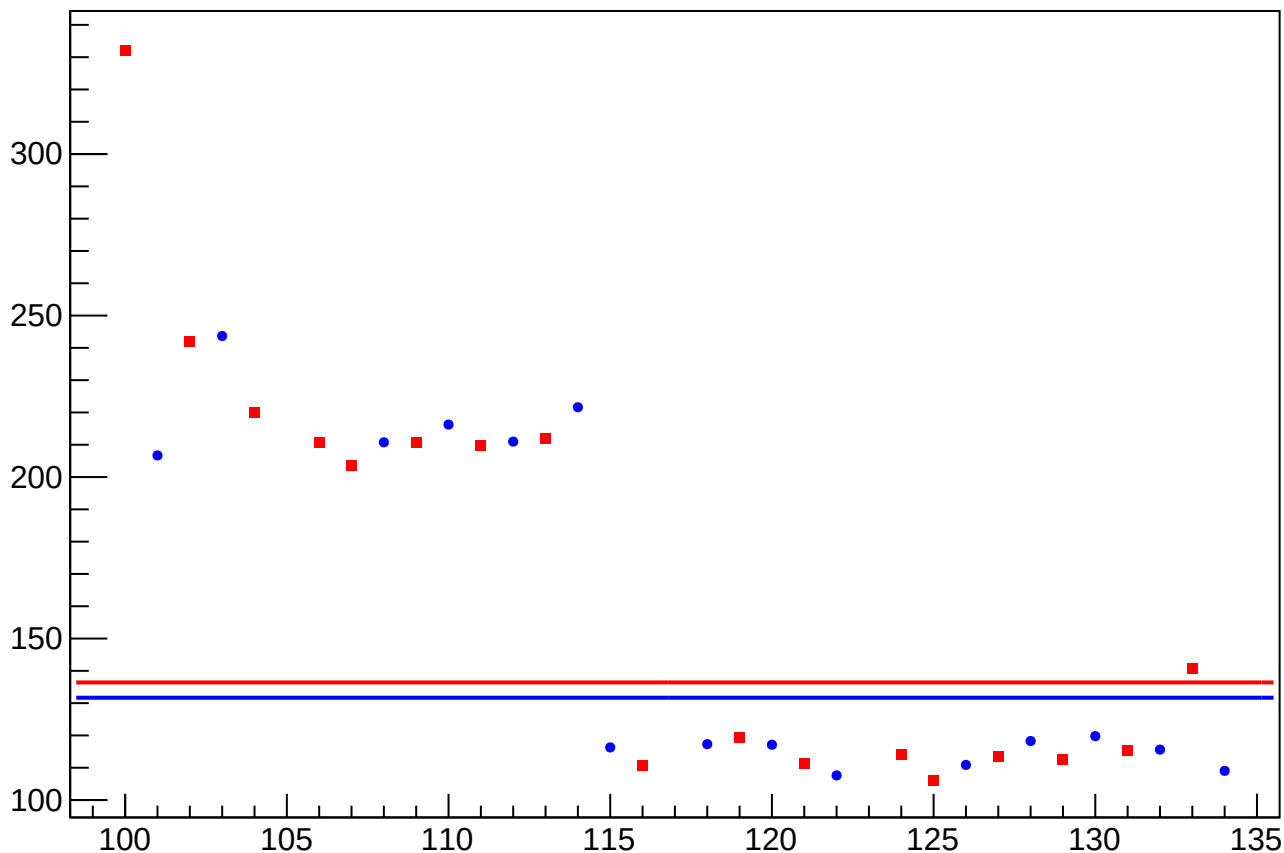
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.752 $\pm$ 39.013 χ^2 /NDF: 35.1/31

- 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: 136.414 $\pm$ 0.039 χ^2 /NDF: 1182975.6/16

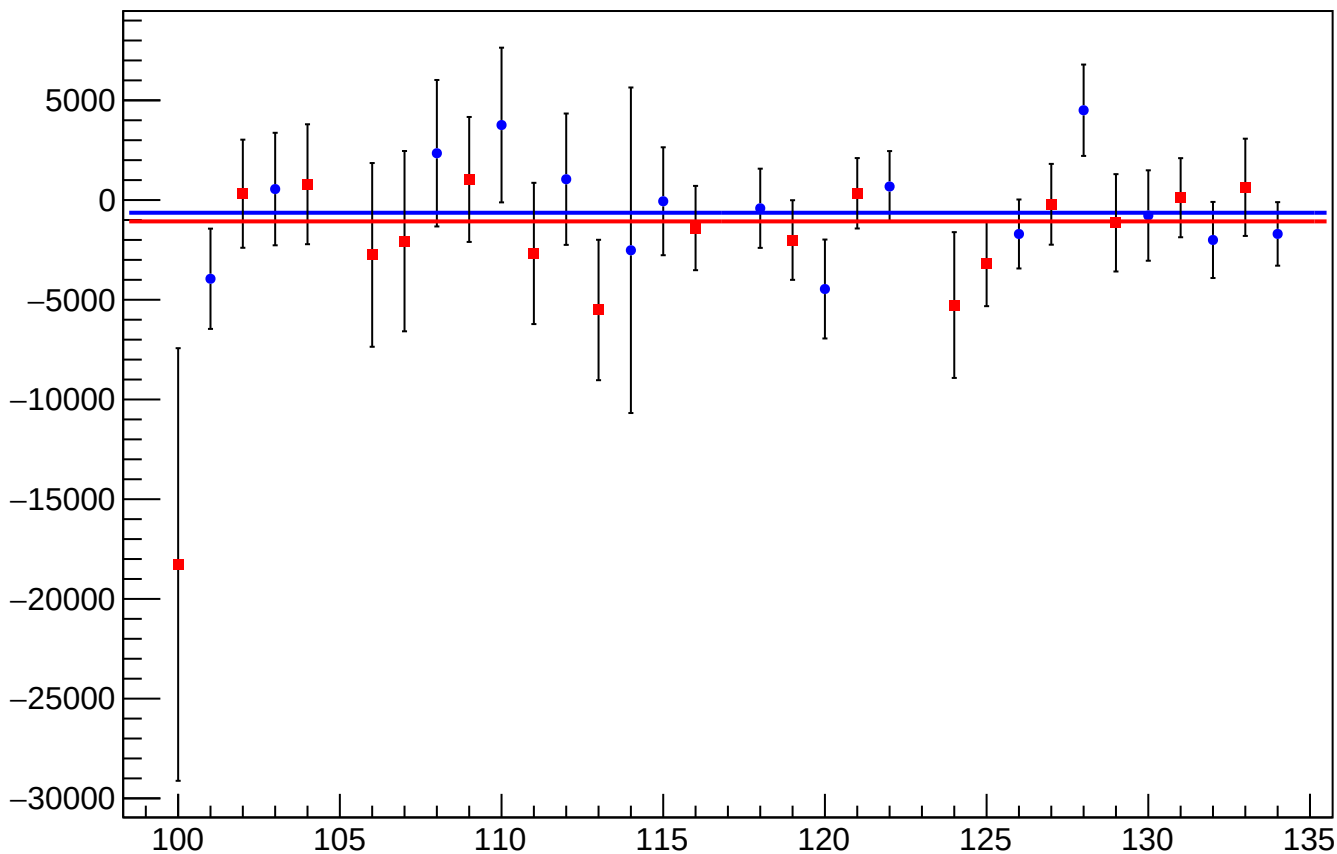
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 134.023 $\pm$ 0.028 χ^2 /NDF: 2187694.0/31

- 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: -1070.911+/-627.722 χ^2 /NDF: 9.8/16

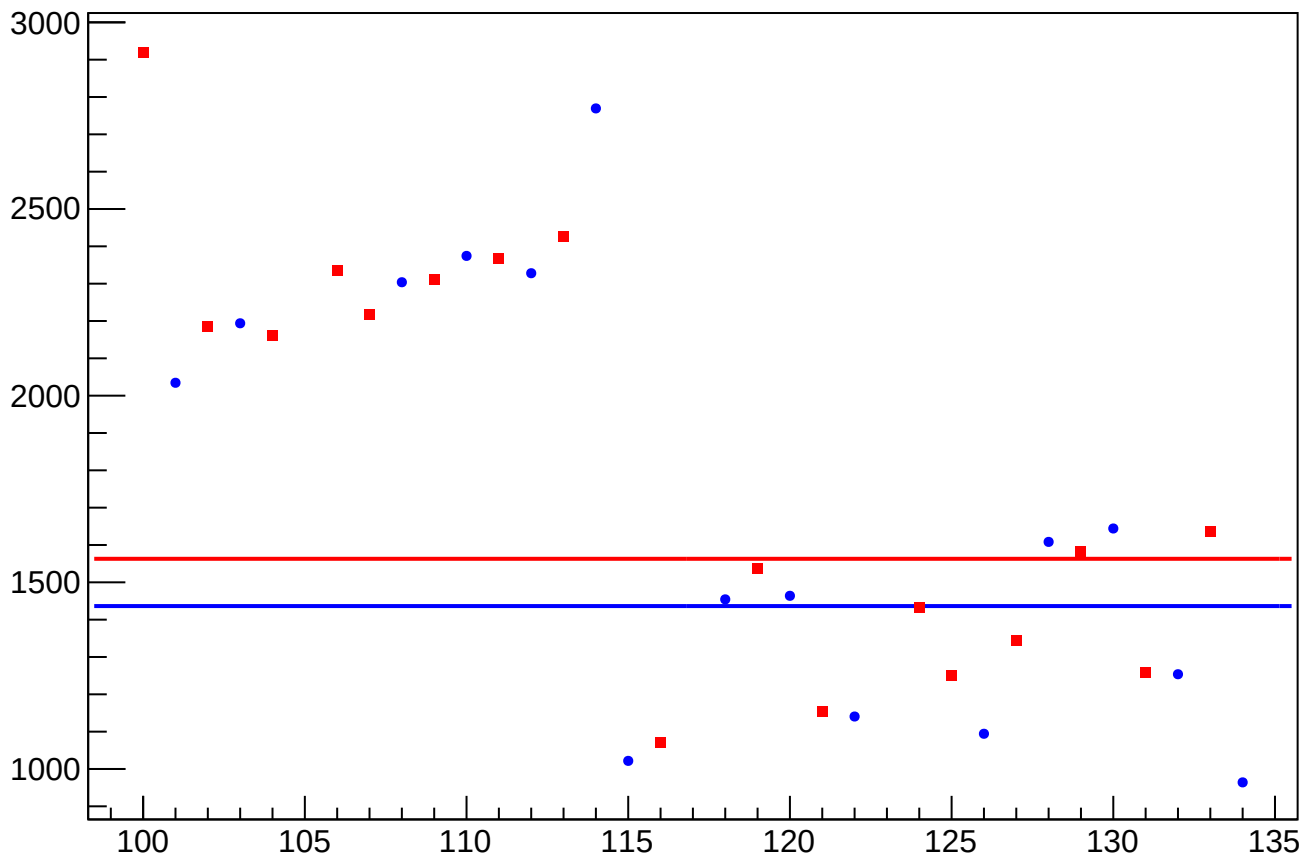
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -843.547+/-433.241 χ^2 /NDF: 23.6/31

- 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: 1563.014+/-0.444 χ^2/NDF : 984311.1/16

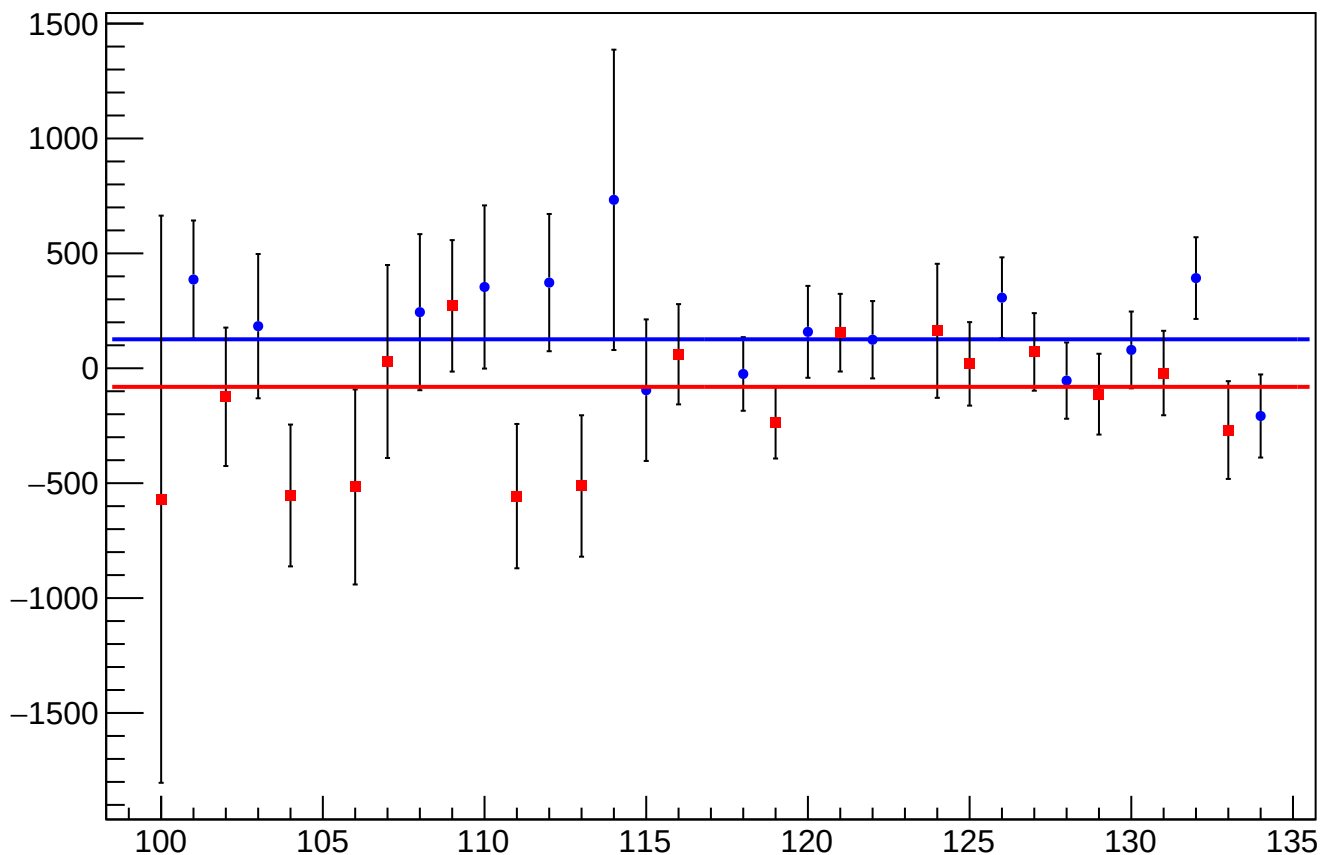
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1496.709+/-0.306 χ^2/NDF : 2116195.6/31

- 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: -80.857 $\pm$ 55.481 χ^2 /NDF: 15.5/16

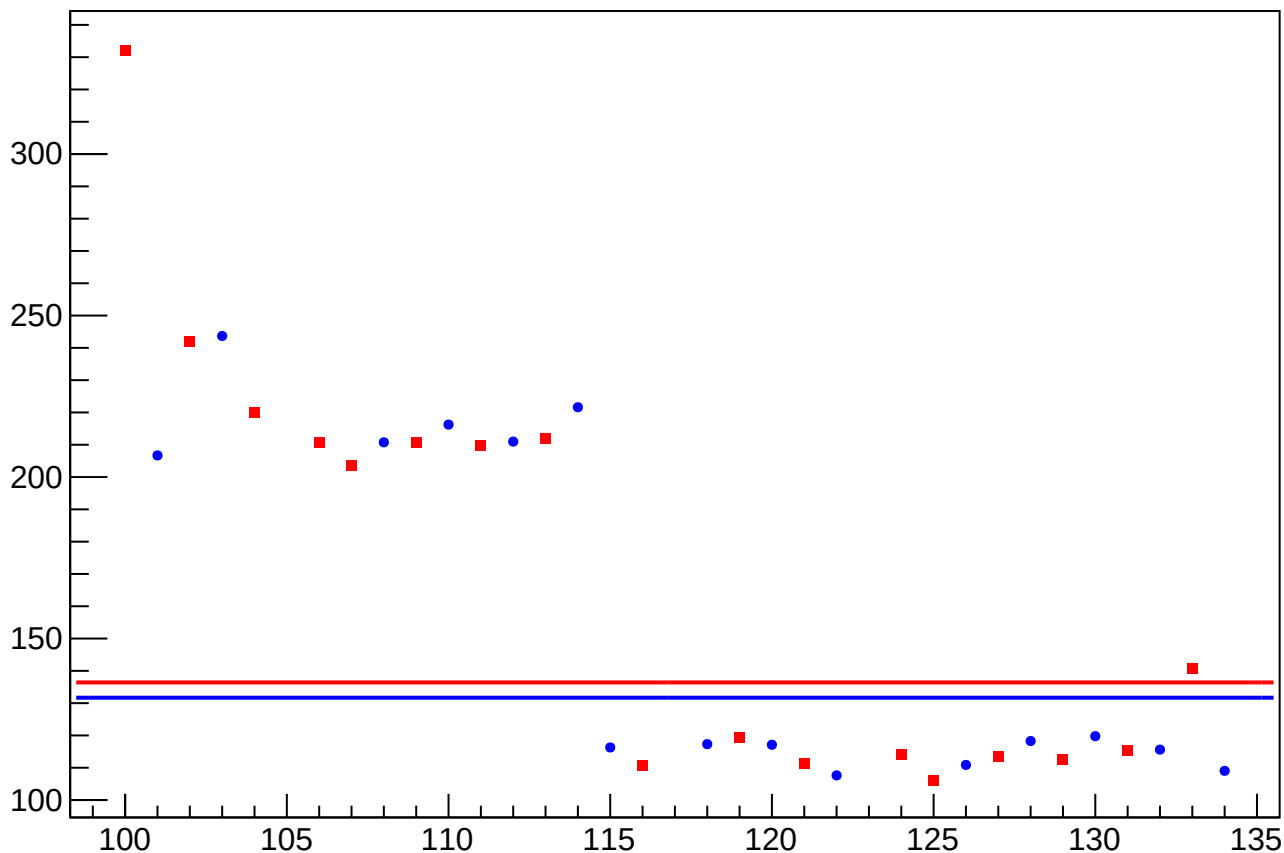
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.752 $\pm$ 39.013 χ^2 /NDF: 35.1/31

- 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+/-0.039 χ^2/NDF : 997375.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.414+/-0.039 χ^2/NDF : 1182975.6/16

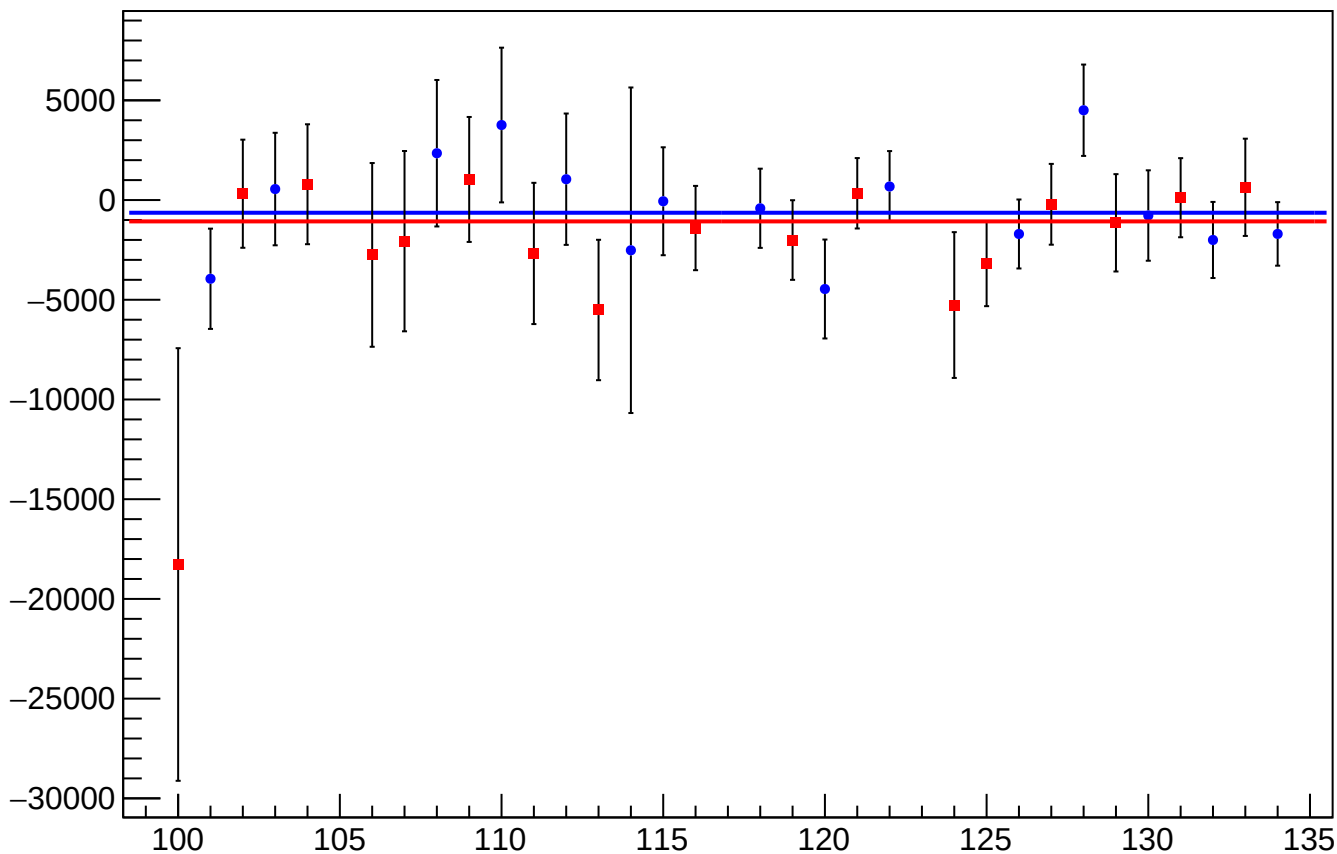
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.023+/-0.028 χ^2/NDF : 2187694.0/31

- sign 0.000+/-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: -1070.911+/-627.722 χ^2/NDF : 9.8/16

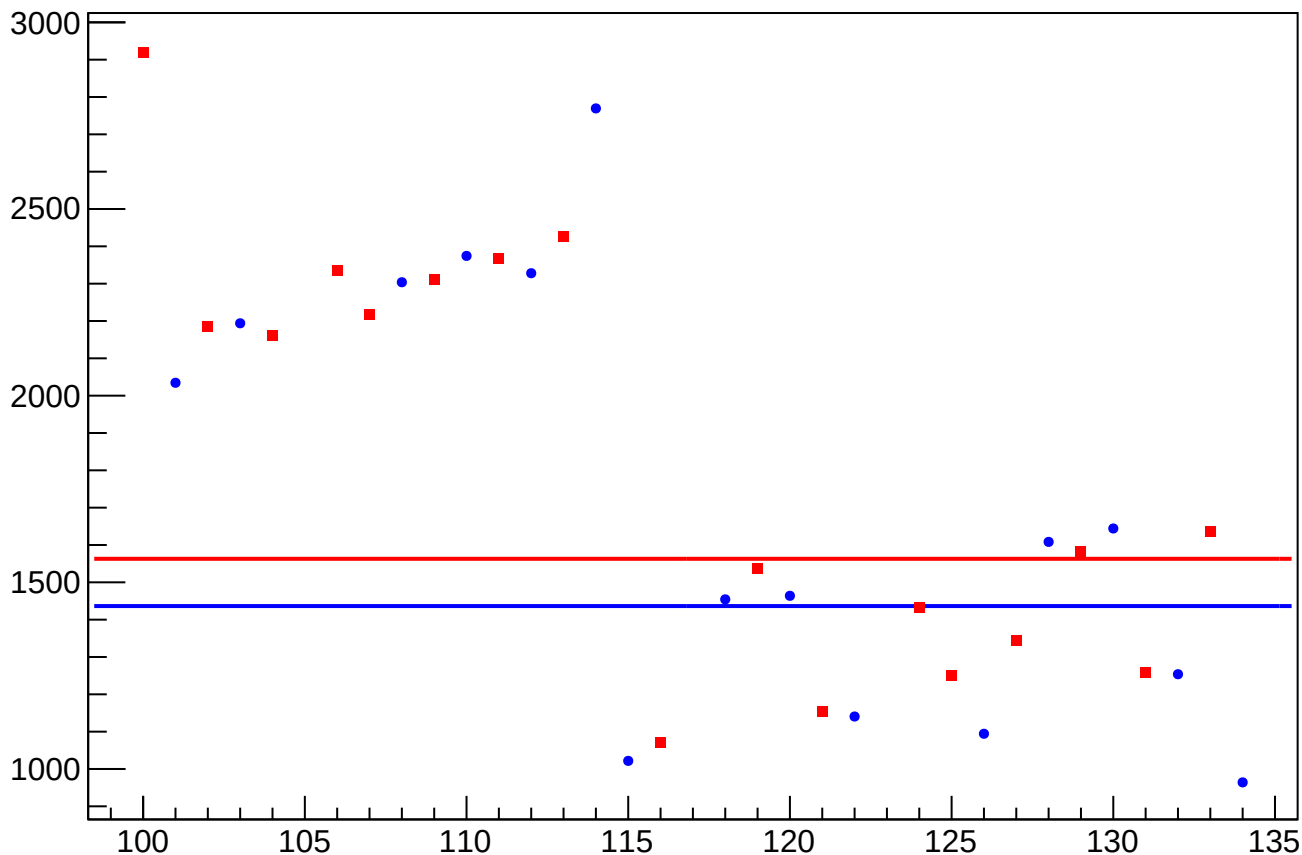
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -843.547+/-433.241 χ^2/NDF : 23.6/31

- 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

Right Out: 1563.014+/-0.444 χ^2/NDF : 984311.1/16

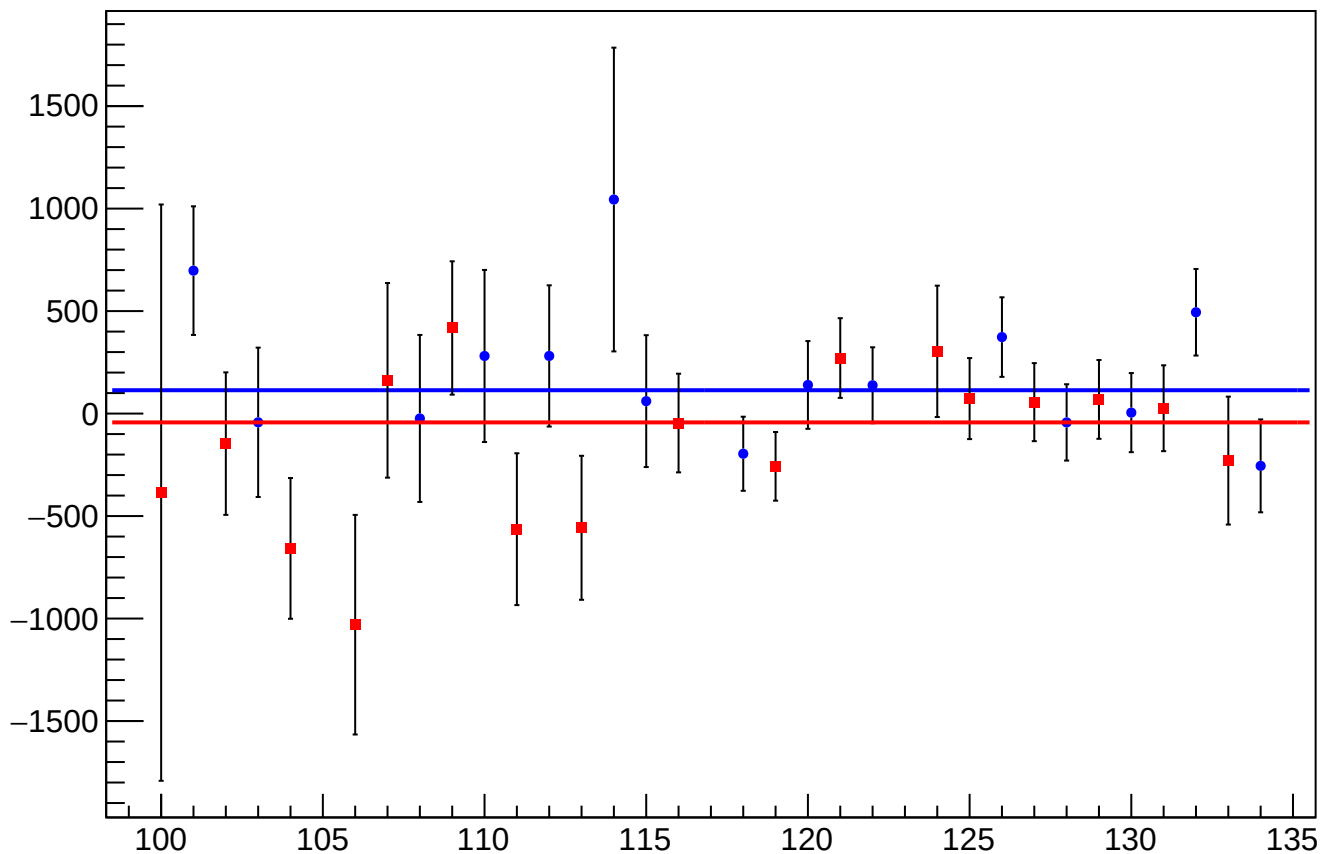
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1496.709+/-0.306 χ^2/NDF : 2116195.6/31

- sign 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: -43.068 $\pm$ 62.941 χ^2 /NDF: 19.9/16

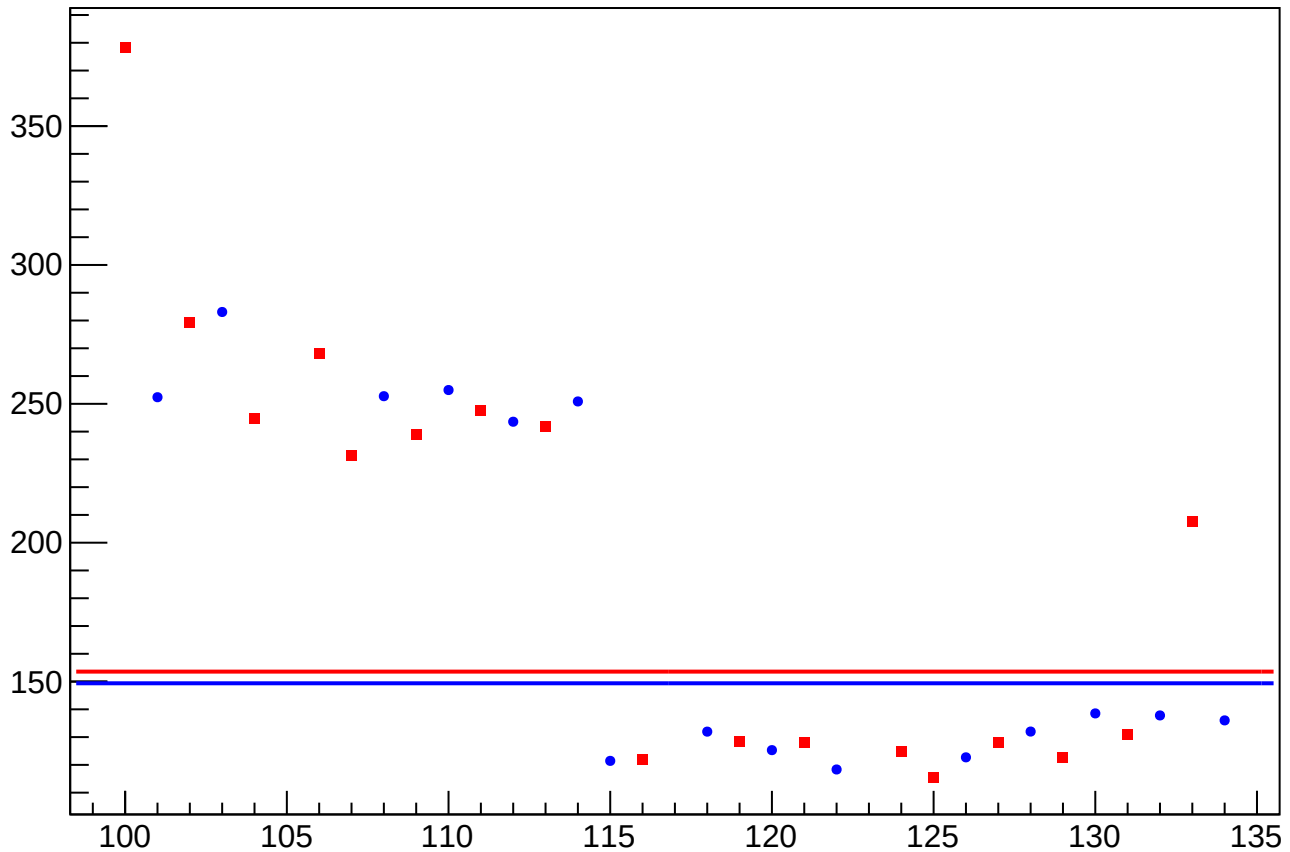
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.810 $\pm$ 44.390 χ^2 /NDF: 40.5/31

- 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: 153.582 $\pm$ 0.045 χ^2 /NDF: 1367237.2/16

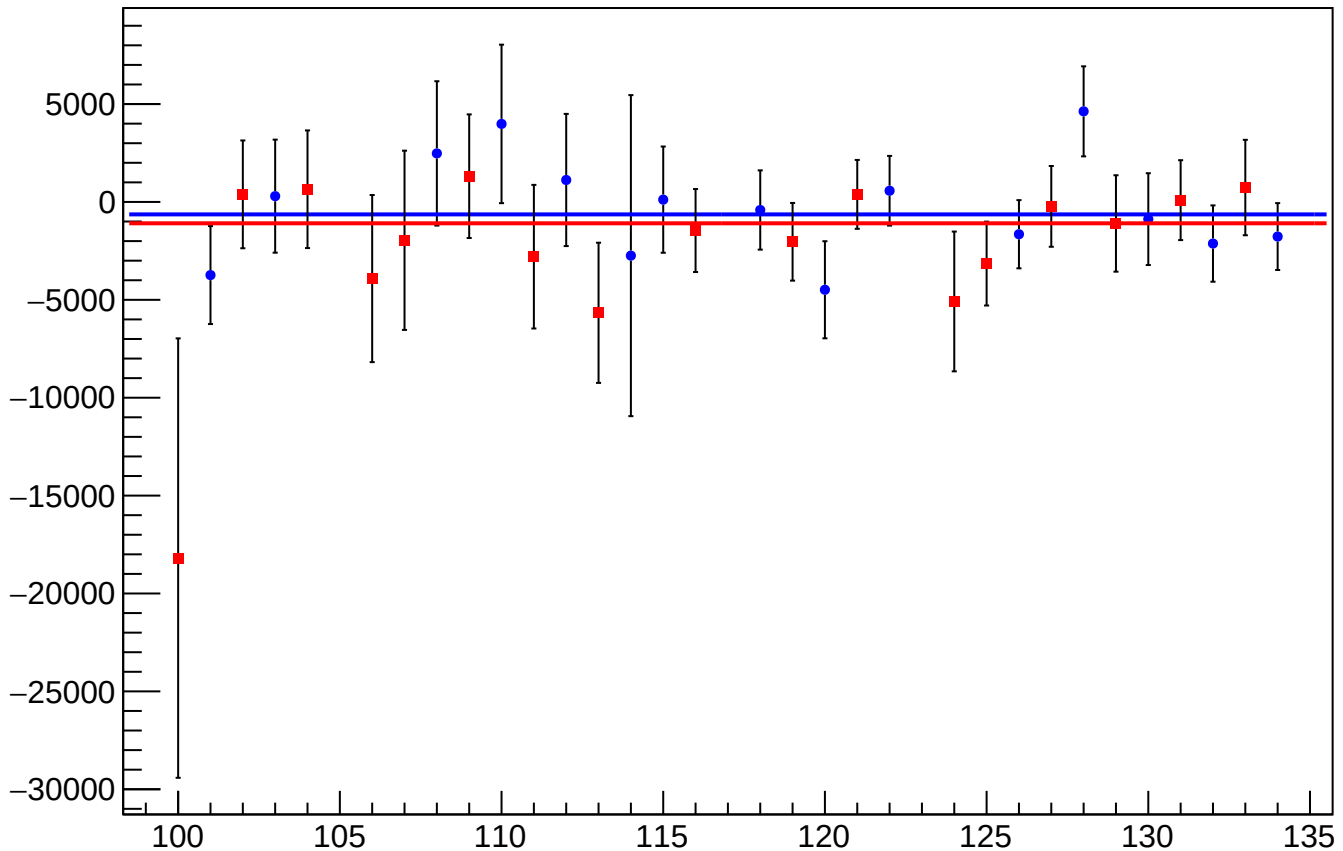
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 151.469 $\pm$ 0.031 χ^2 /NDF: 2488327.6/31

- 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: -1090.541 ± 631.179 χ^2/NDF : 10.1/16

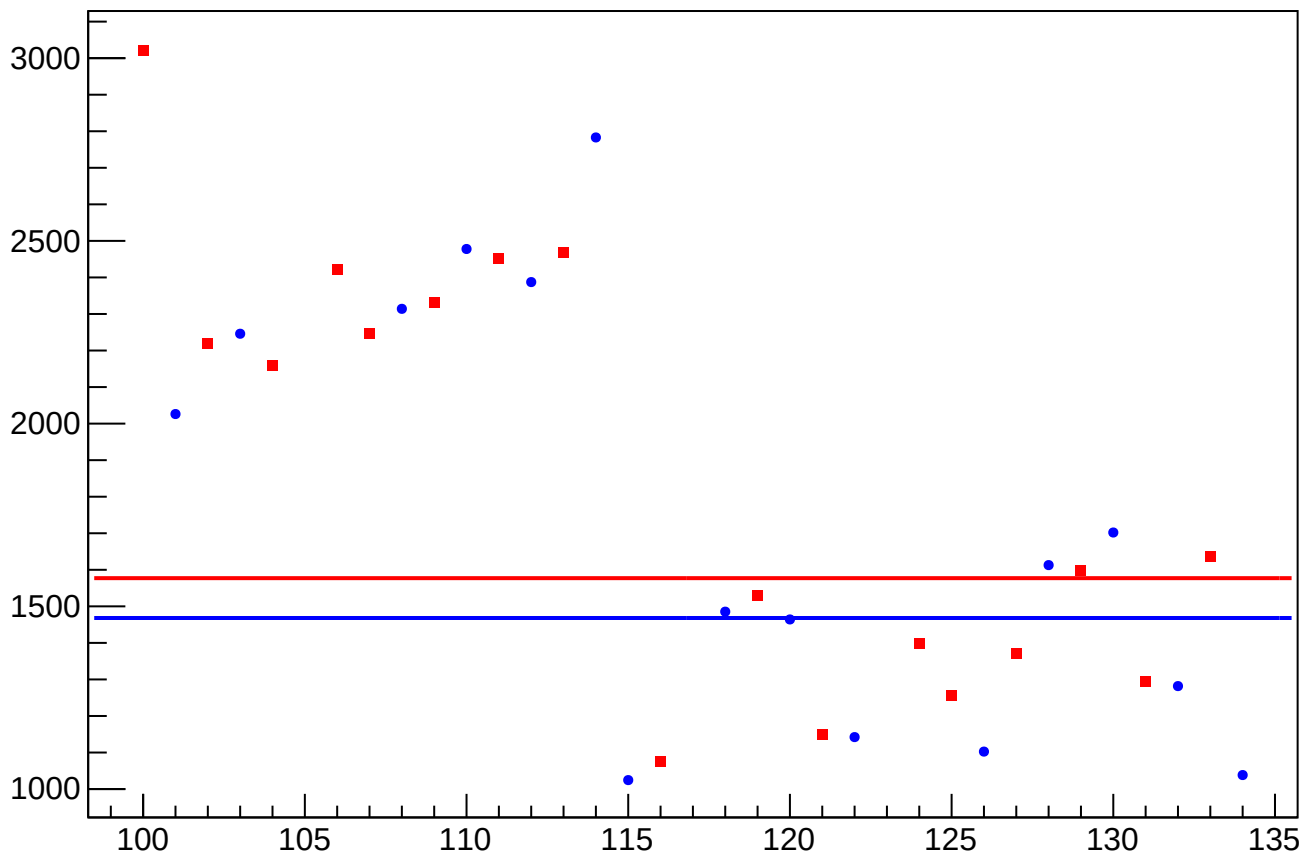
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -855.508 ± 438.861 χ^2/NDF : 23.9/31

- 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

Right Out: 1577.149+/-0.446 χ^2/NDF : 1029841.5/16

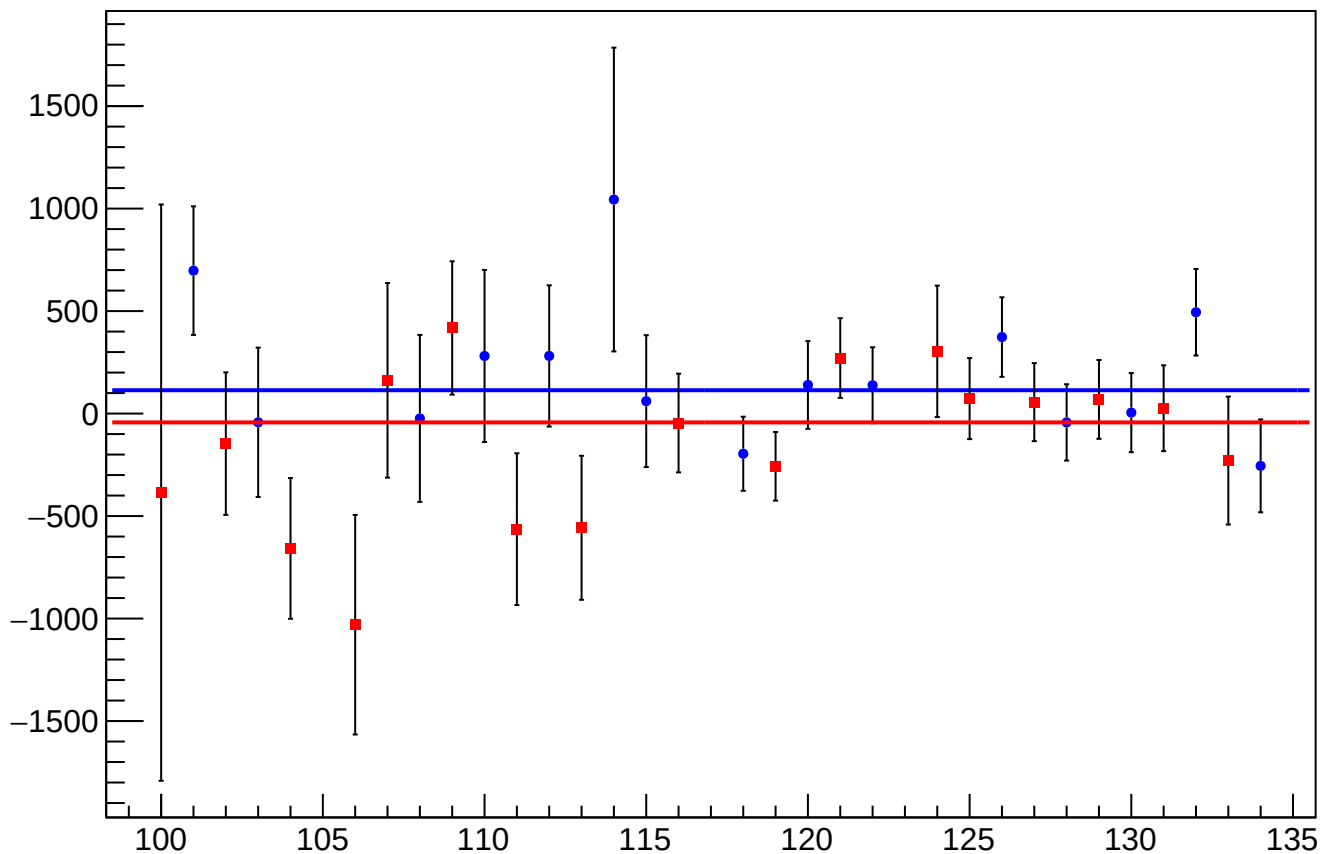
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1520.833+/-0.310 χ^2/NDF : 2116386.8/31

- sign 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: -43.068 $\pm$ 62.940 χ^2 /NDF: 19.9/16

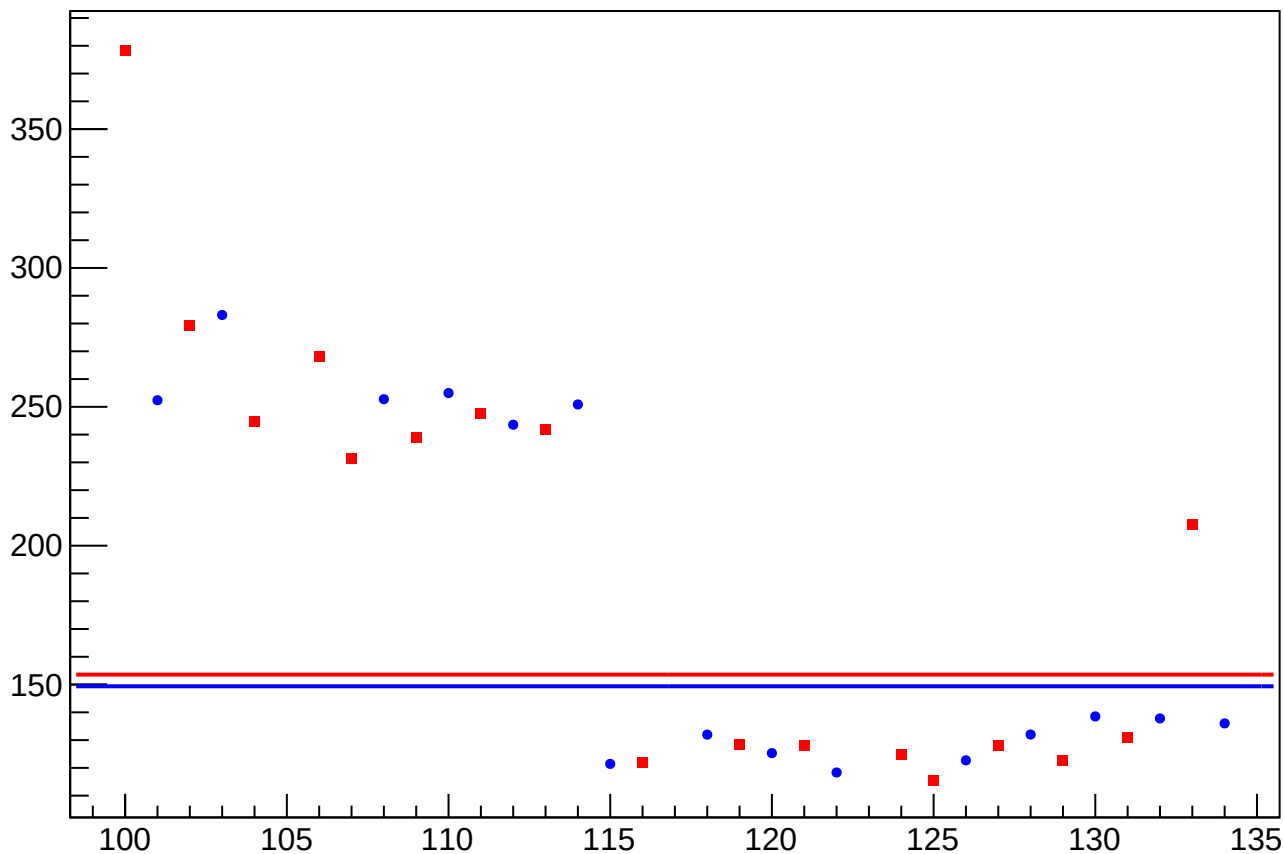
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.811 $\pm$ 44.390 χ^2 /NDF: 40.5/31

- 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 $\pm$ 0.044 χ^2 /NDF: 1116598.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 153.581 $\pm$ 0.045 χ^2 /NDF: 1367225.1/16

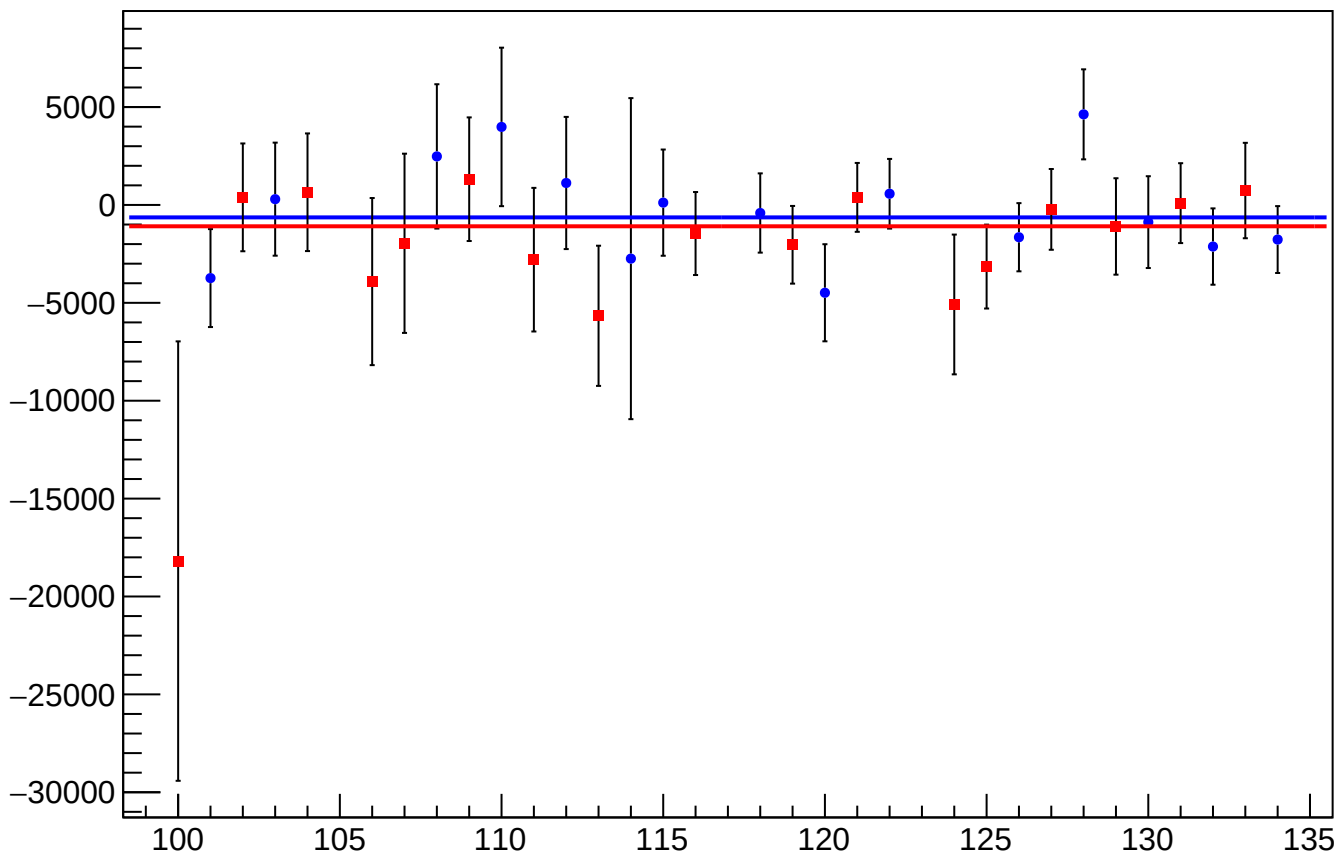
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 151.468 $\pm$ 0.031 χ^2 /NDF: 2488308.8/31

- sign 0.000 $\pm$ 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: -1090.539+/-631.178 χ^2/NDF : 10.1/16

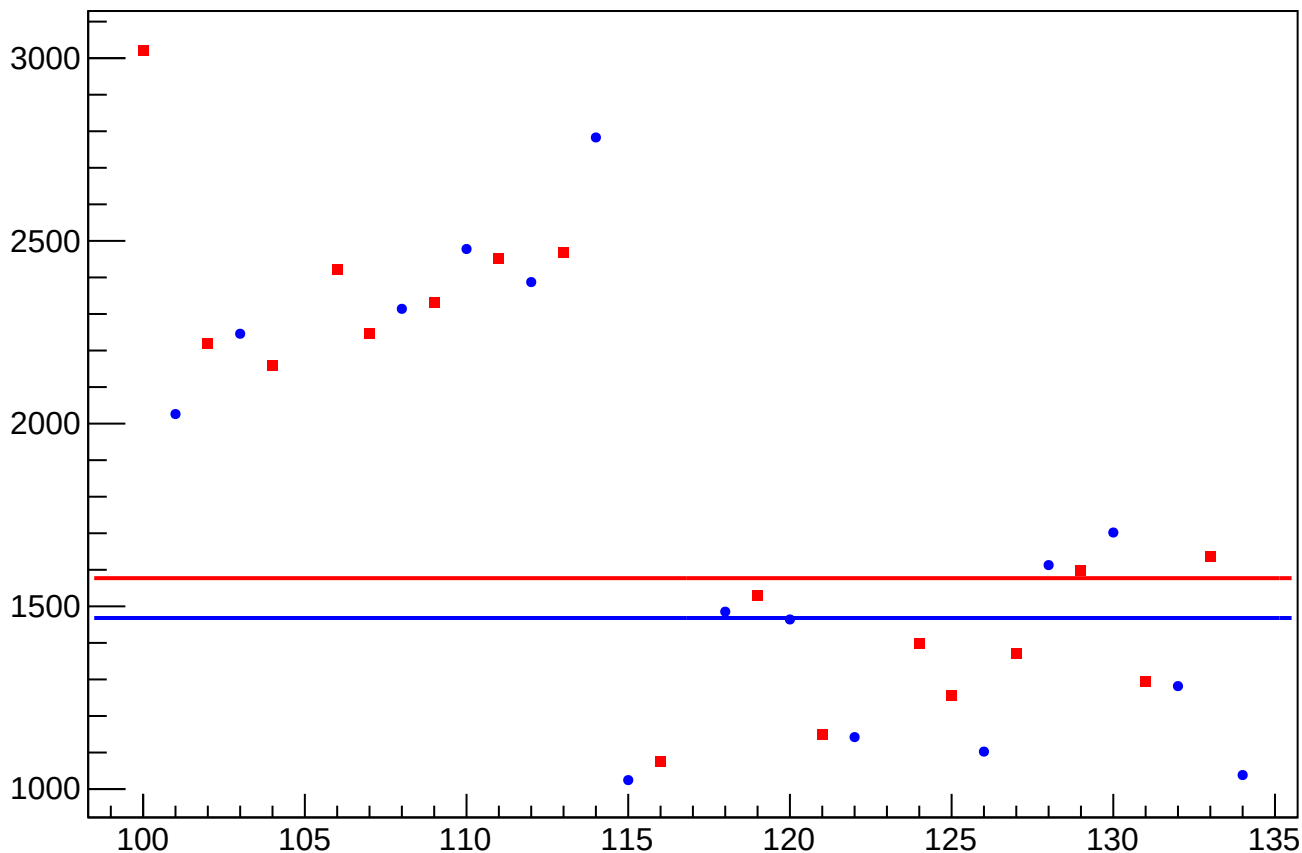
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -855.506+/-438.860 χ^2/NDF : 23.9/31

- 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

Right Out: 1577.146+/-0.446 χ^2/NDF : 1029832.6/16

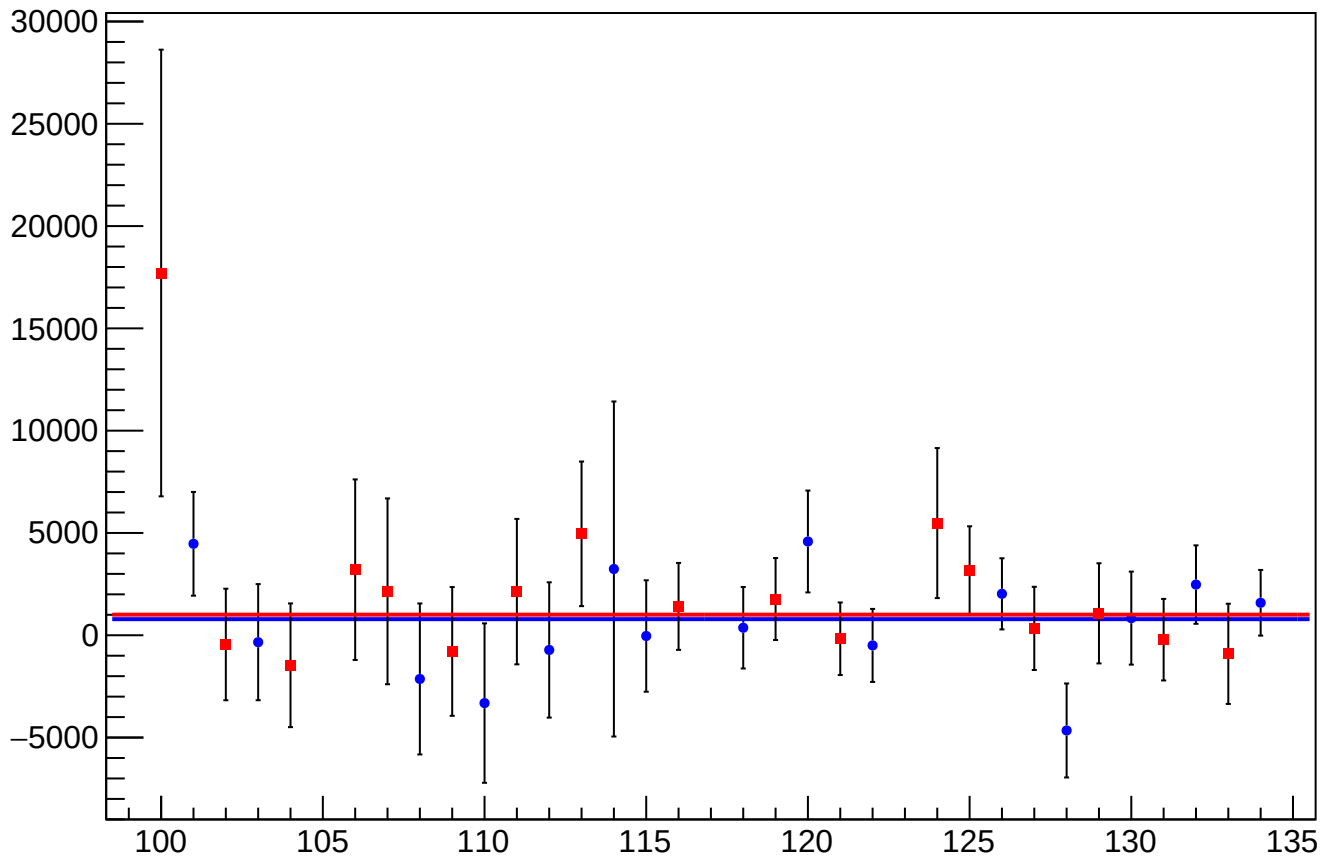
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1520.830+/-0.310 χ^2/NDF : 2116364.2/31

- sign 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: 1006.562 $\pm$ 629.887 χ^2 /NDF: 9.5/16

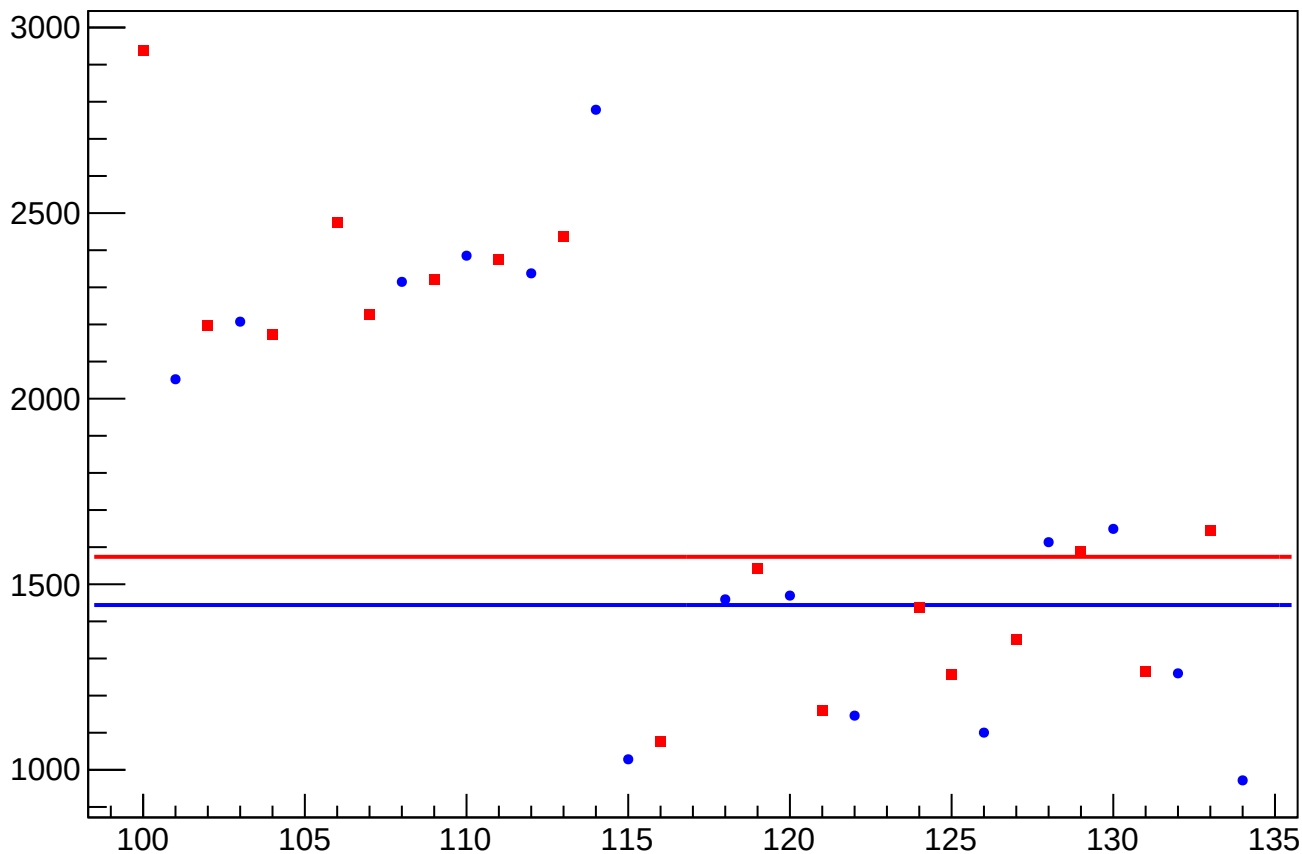
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 891.538 $\pm$ 435.121 χ^2 /NDF: 24.0/31

- 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

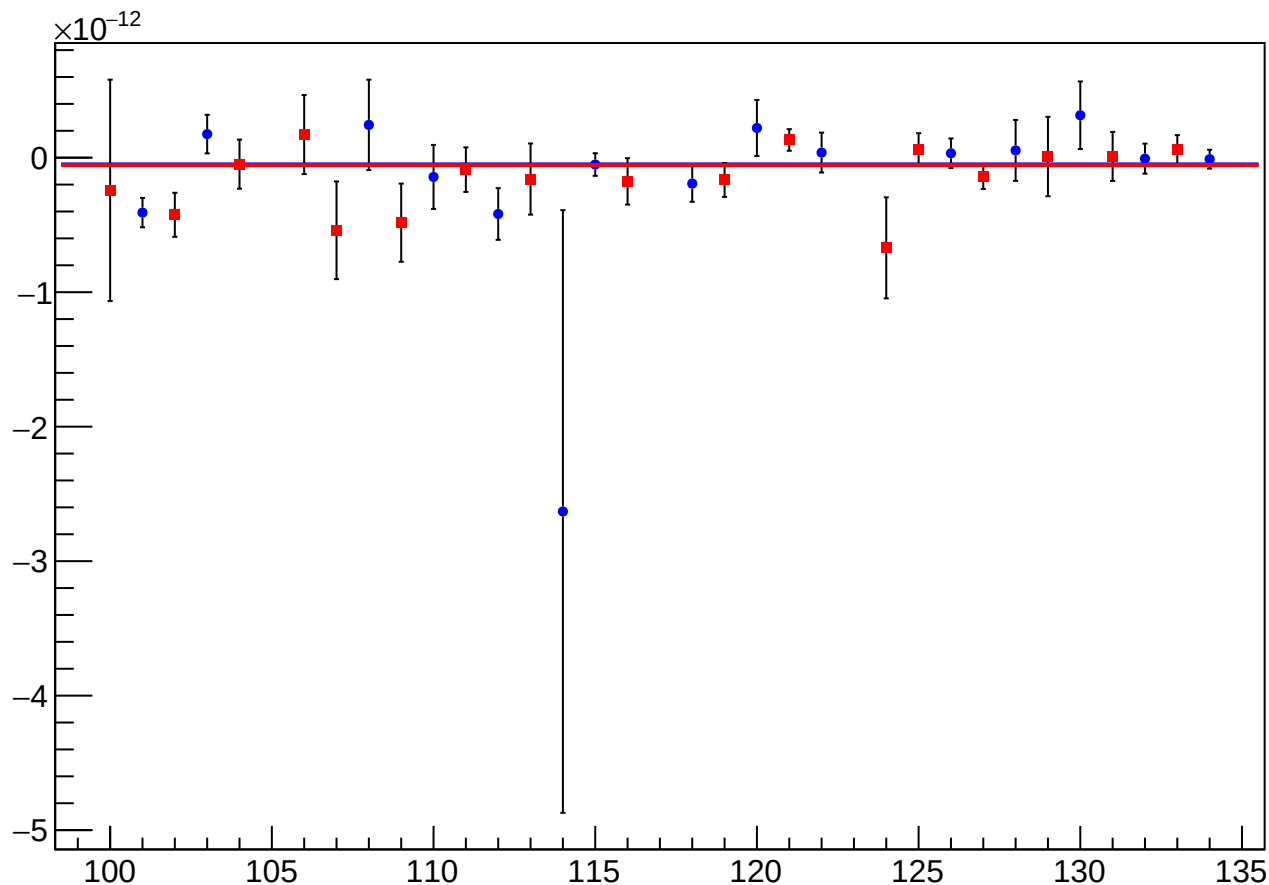
Right Out: 1573.943+/-0.445 χ^2/NDF : 1011868.3/16

All: 1506.029+/-0.308 χ^2/NDF : 2143175.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_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 : 22.3/16

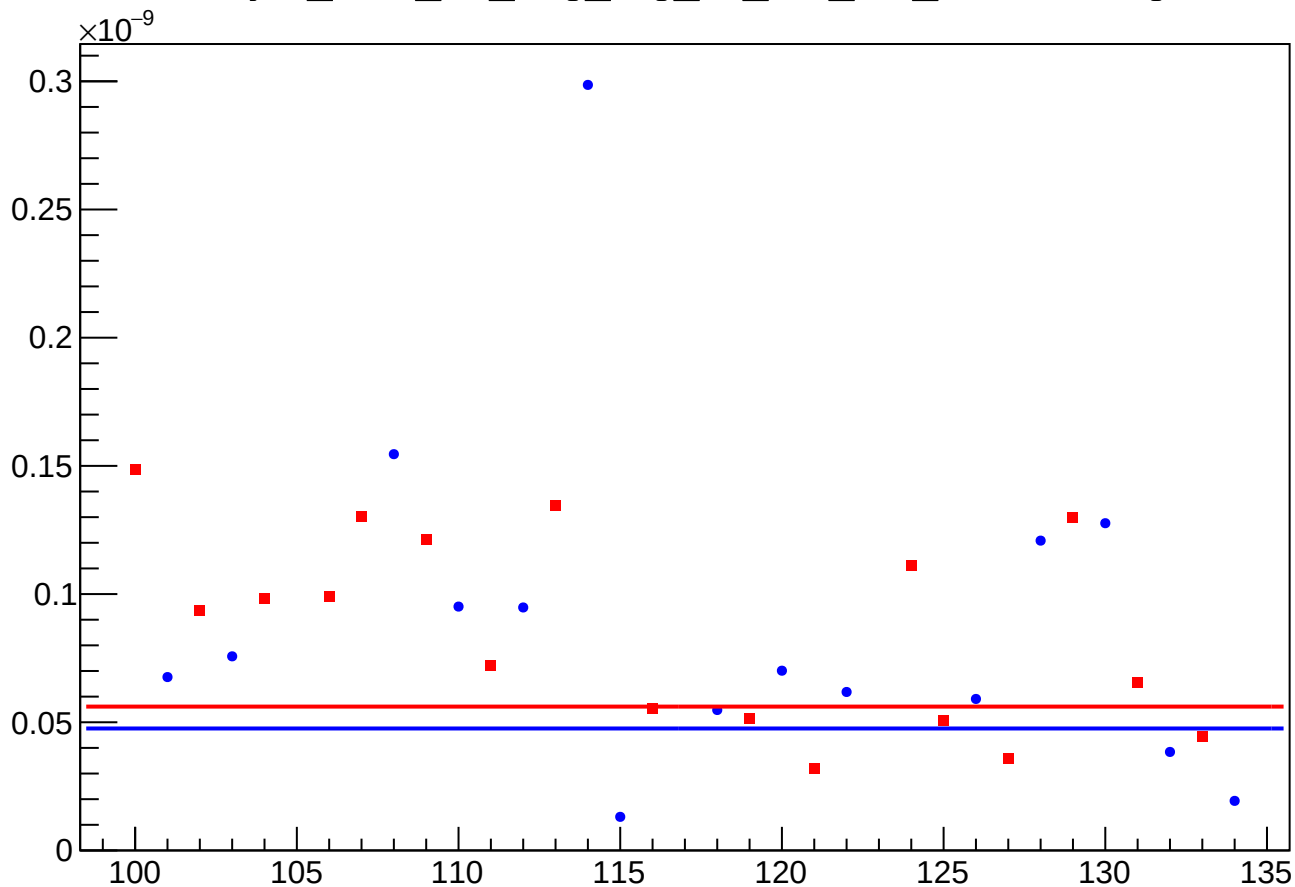
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 47.9/31

- sign 0.000+/-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 : 1140722.2/16

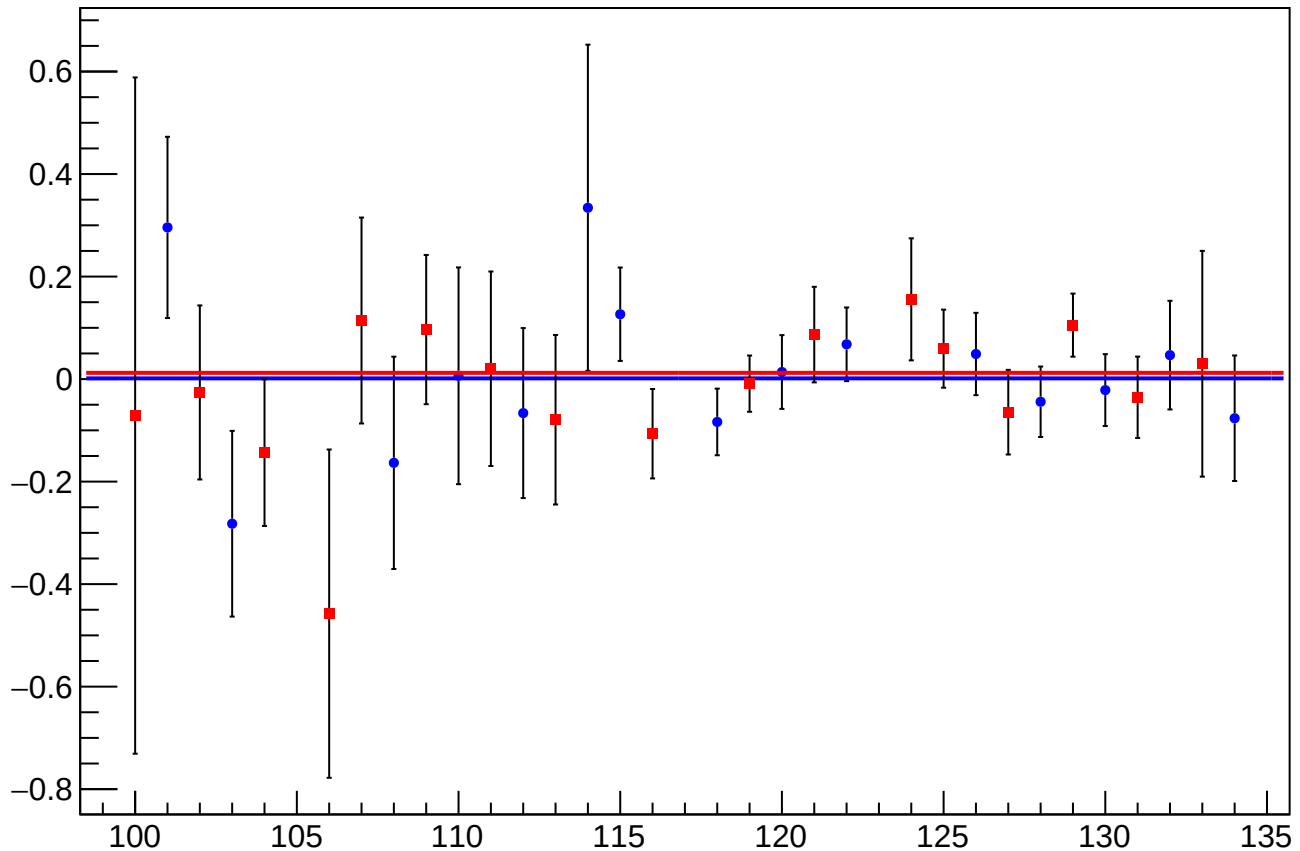
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2927088.6/31

- 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: 0.012 $\pm$ 0.025 χ^2 /NDF: 12.3/16

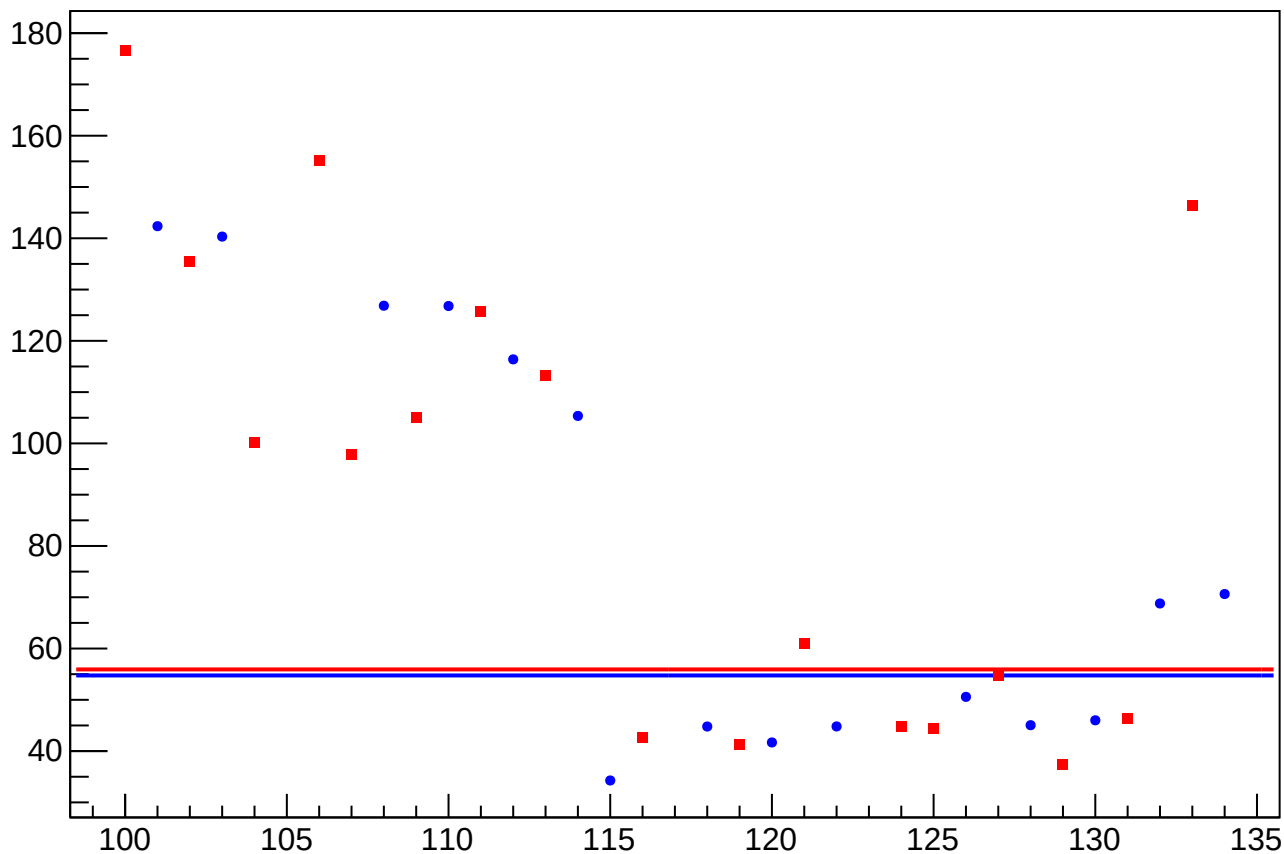
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.017 χ^2 /NDF: 25.5/31

- 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: 55.928+/-0.017 χ^2/NDF : 2523440.9/16

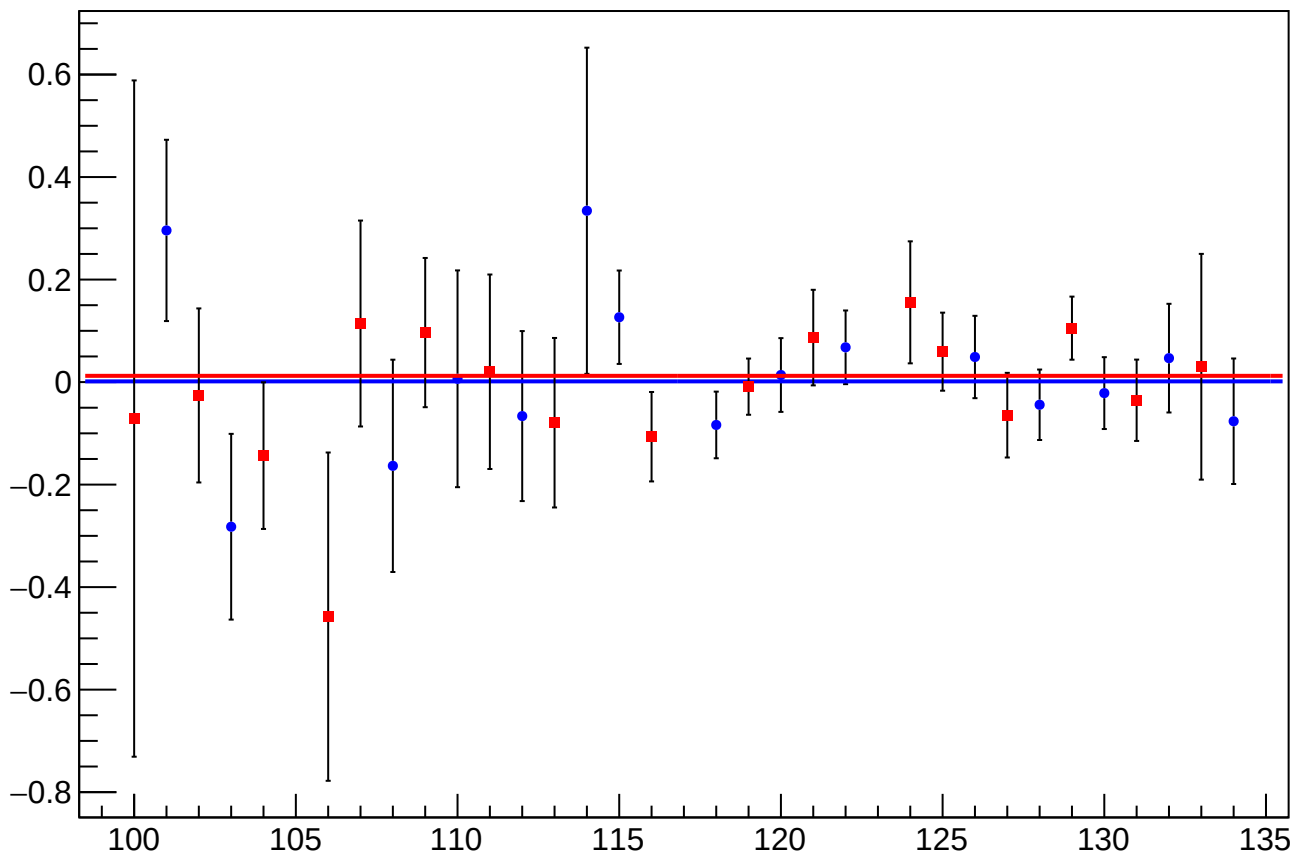
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.342+/-0.012 χ^2/NDF : 4661388.7/31

- 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: 0.012 $\pm$ 0.025 χ^2 /NDF: 12.3/16

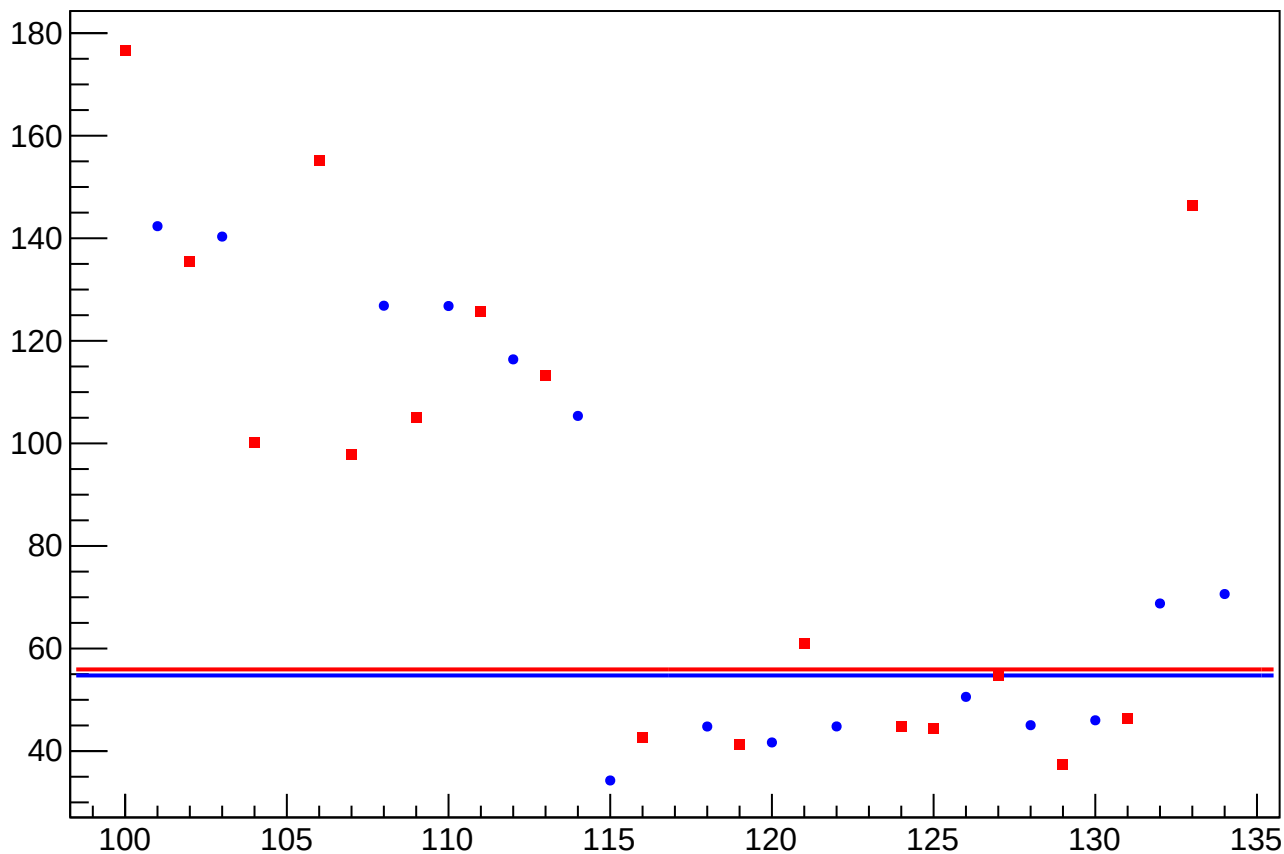
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.017 χ^2 /NDF: 25.5/31

- 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: 55.928+/-0.017 χ^2/NDF : 2523440.9/16

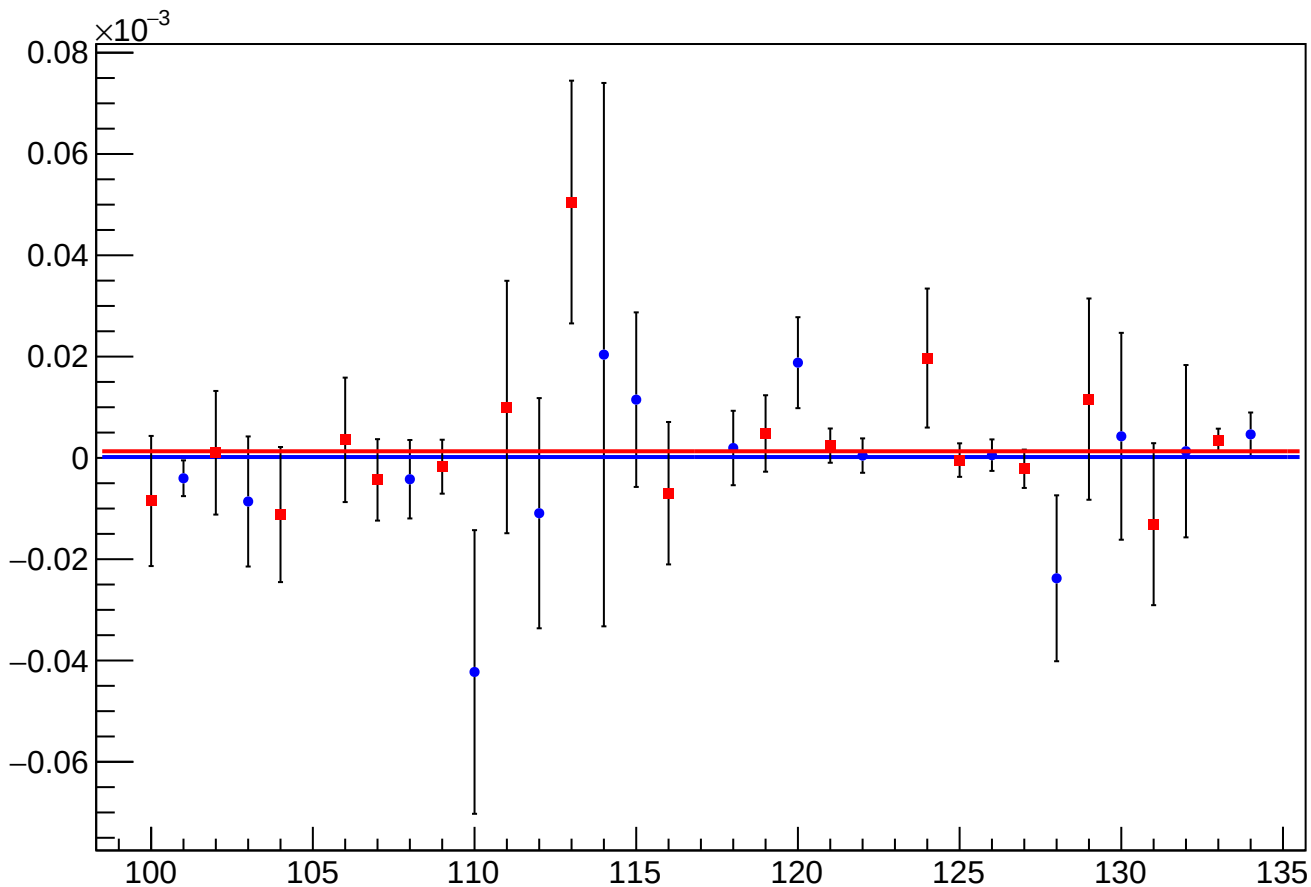
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.342+/-0.012 χ^2/NDF : 4661388.7/31

- 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: 12.3/16

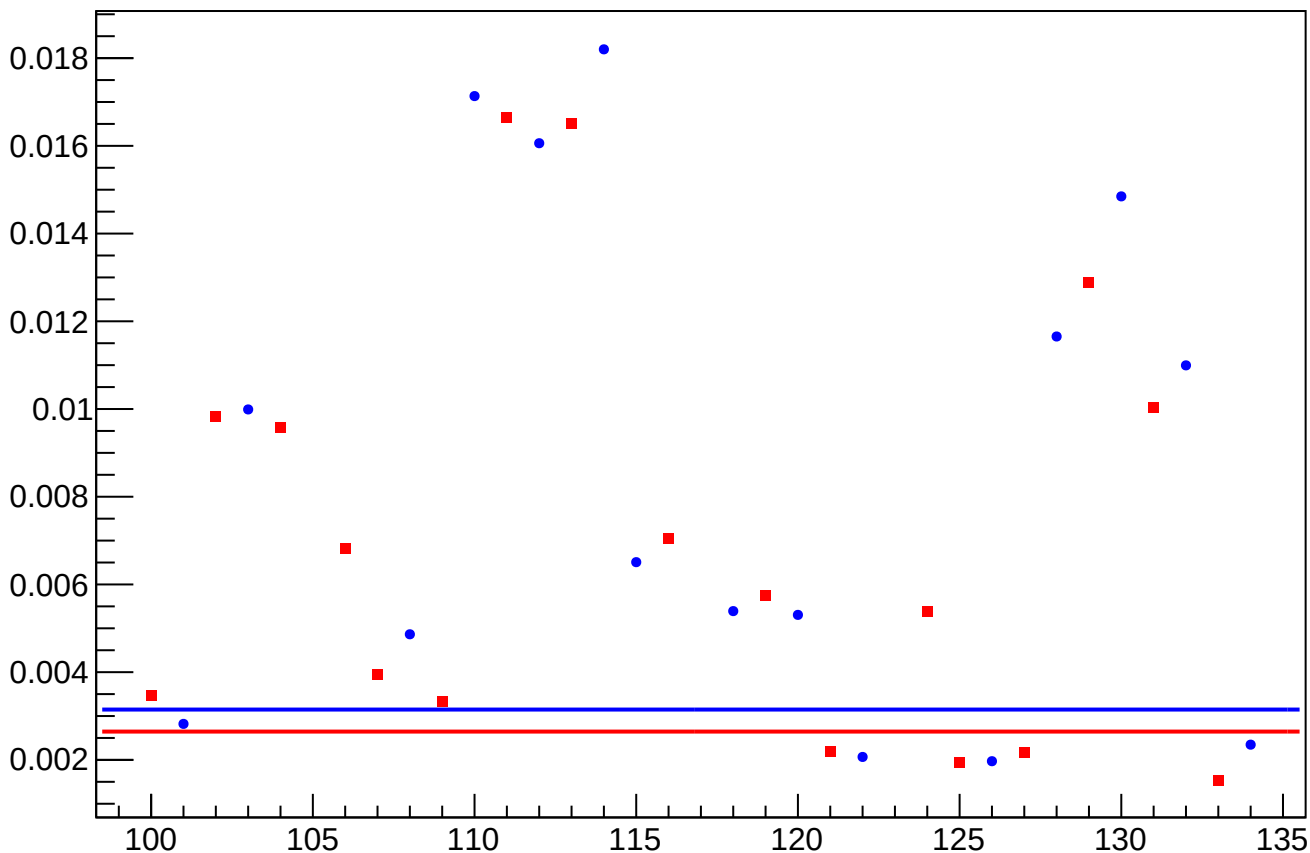
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 25.5/31

- 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 : 5079579.6/16

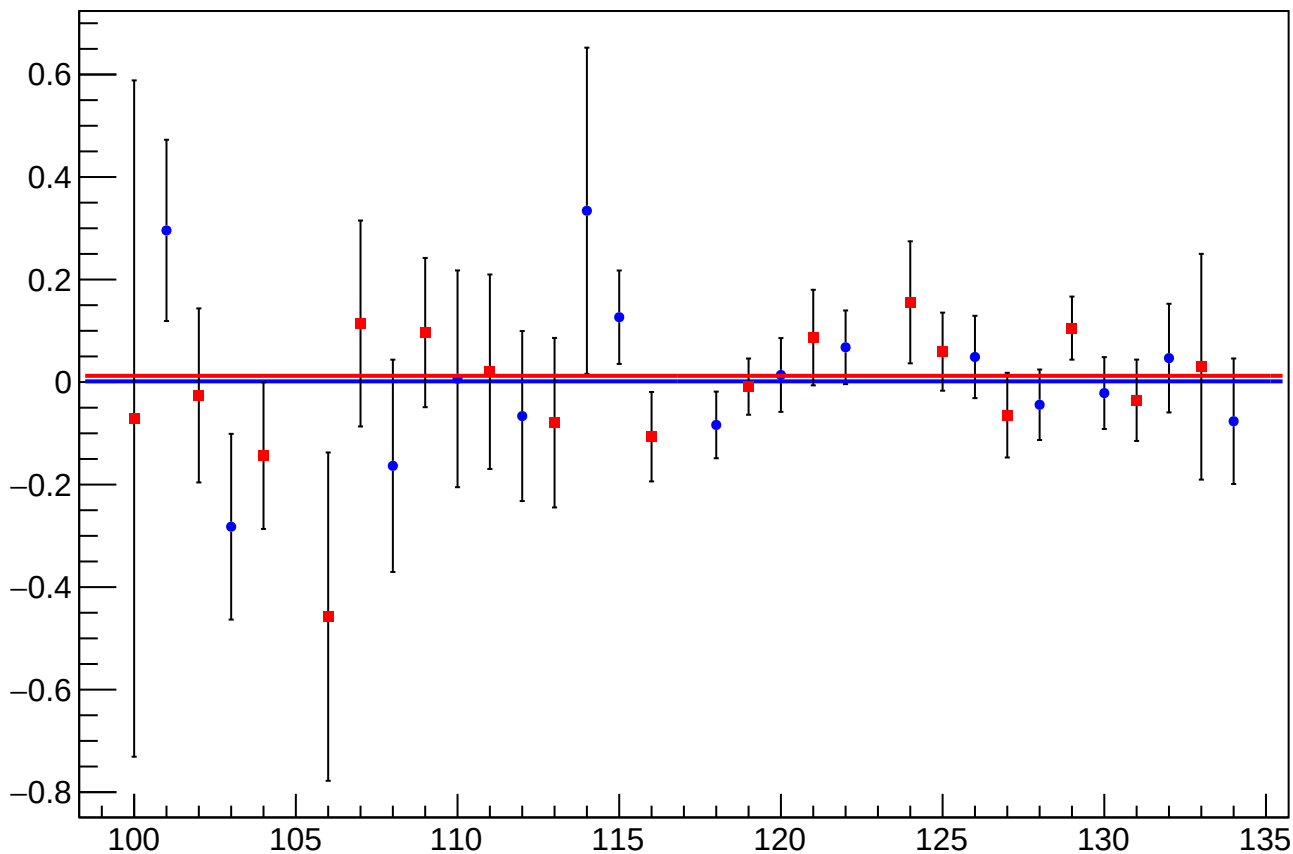
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 9739629.0/31

- 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: 0.012 $\pm$ 0.025 χ^2 /NDF: 12.3/16

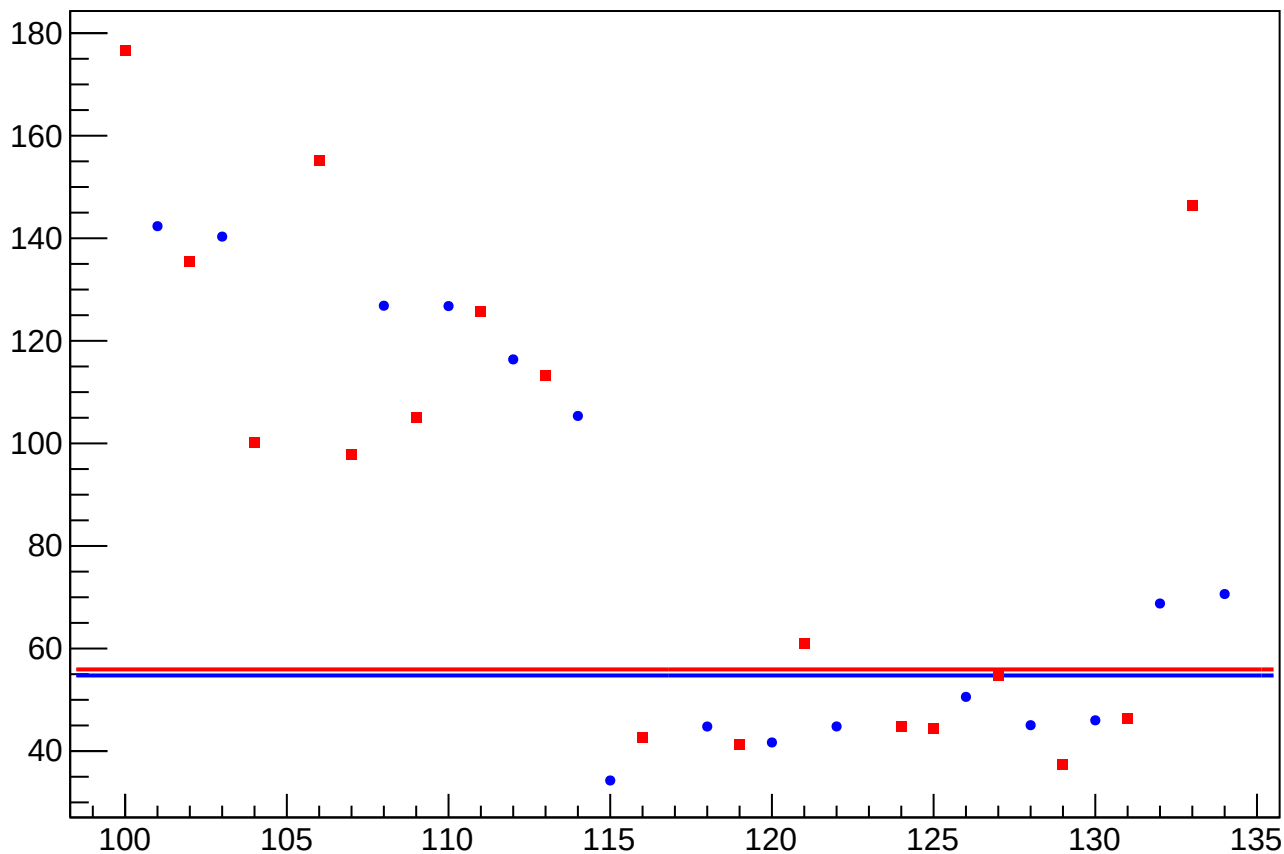
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.017 χ^2 /NDF: 25.5/31

- 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: 55.927+/-0.017 χ^2/NDF : 2523383.0/16

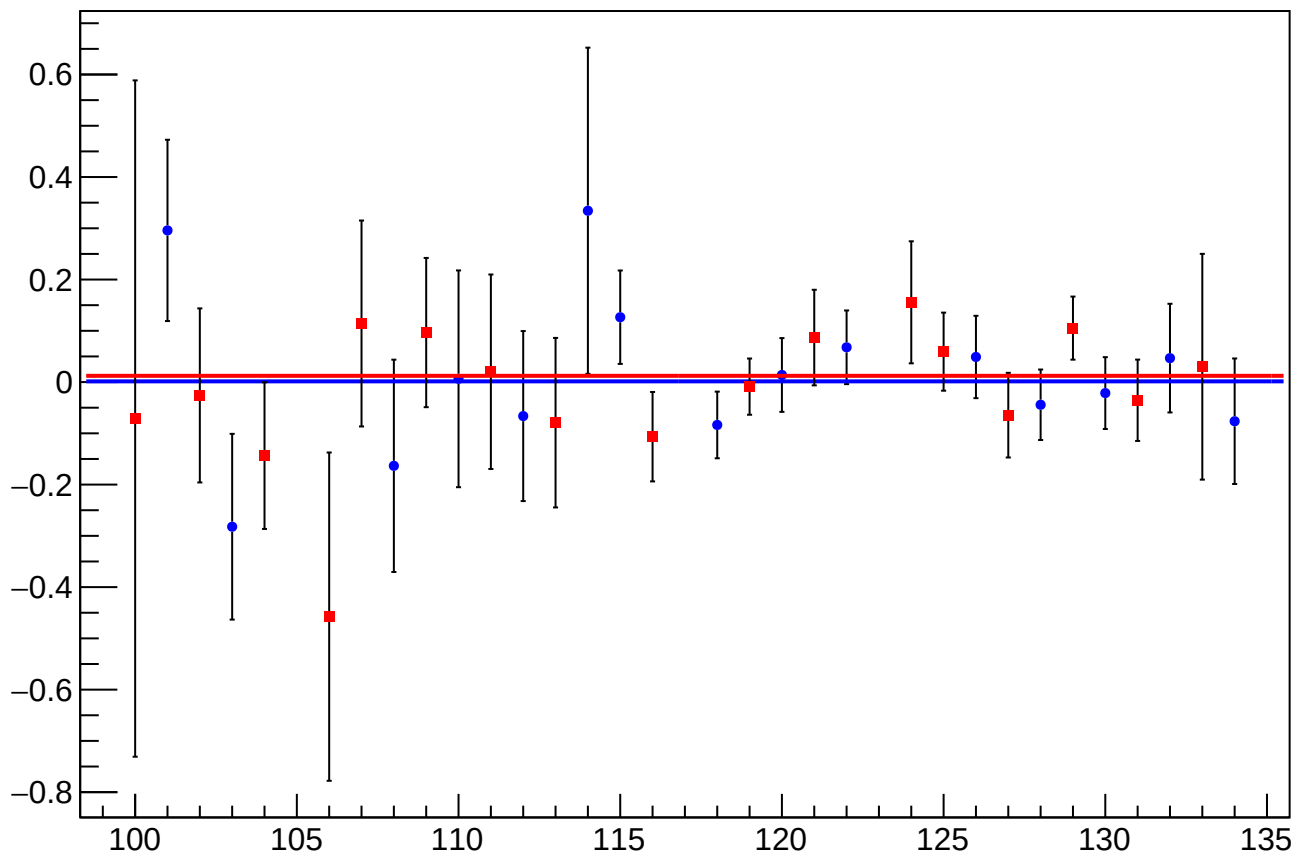
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.342+/-0.012 χ^2/NDF : 4661254.8/31

- 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 $\pm$ 0.025 χ^2 /NDF: 13.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.012 $\pm$ 0.025 χ^2 /NDF: 12.3/16

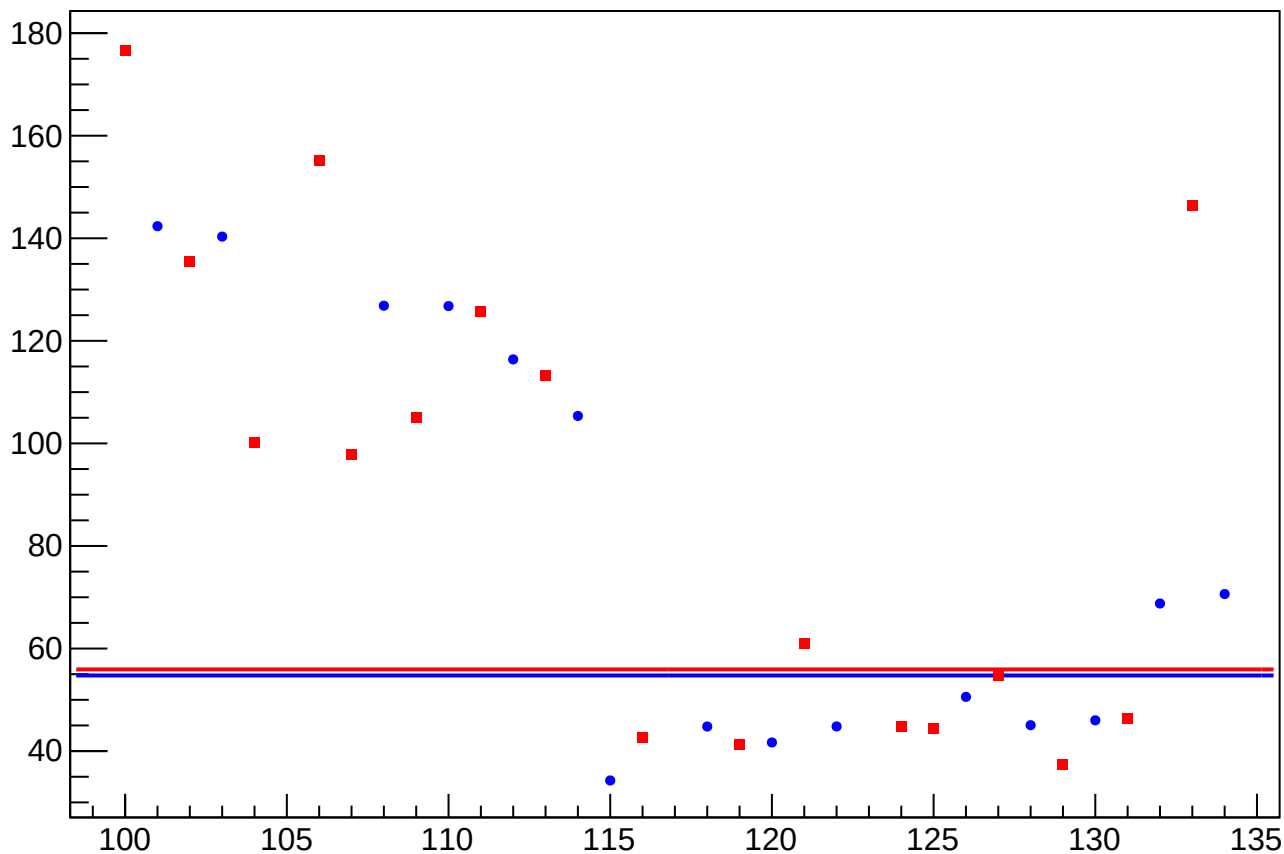
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.017 χ^2 /NDF: 25.5/31

- sign 0.000 $\pm$ 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: 55.927+/-0.017 χ^2/NDF : 2523383.0/16

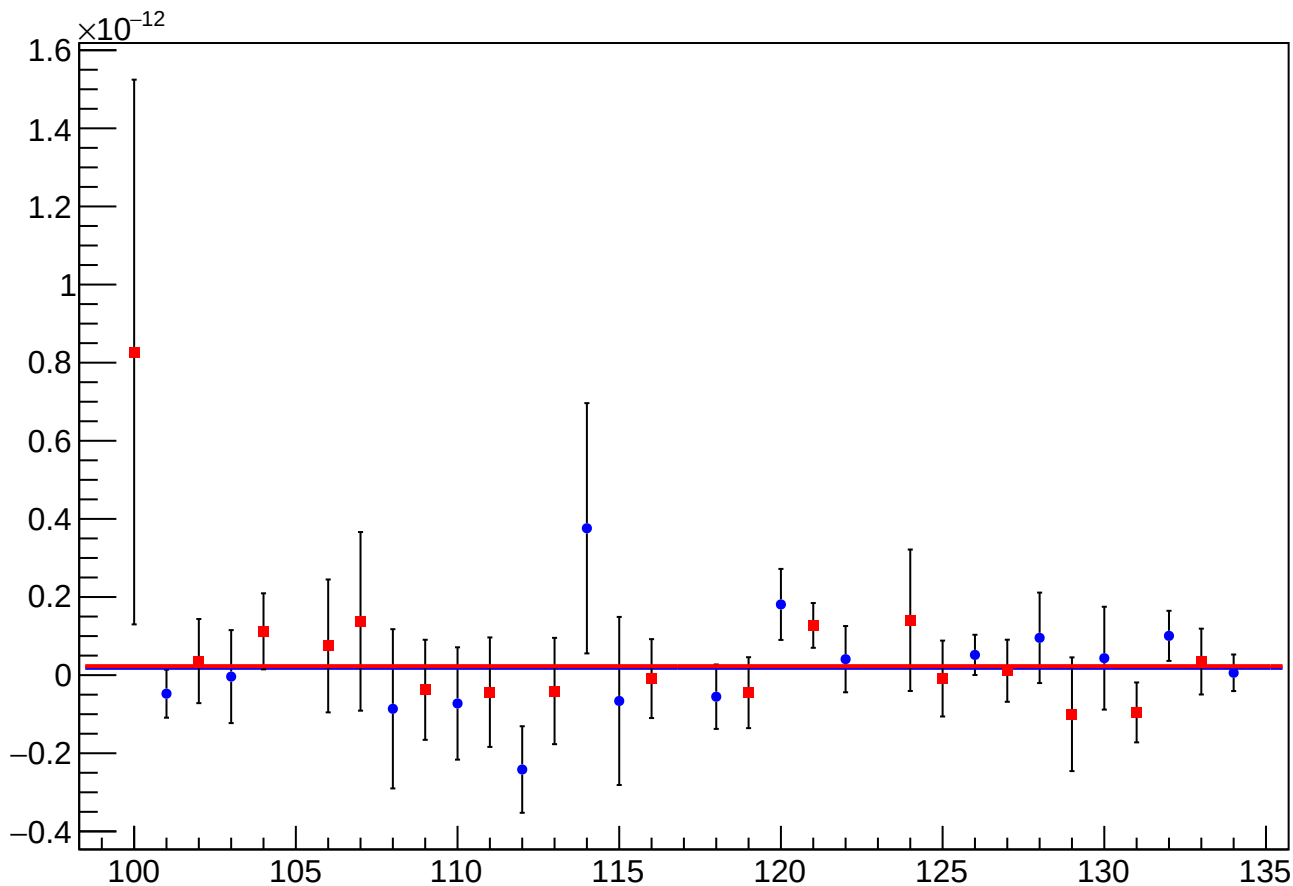
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.342+/-0.012 χ^2/NDF : 4661254.8/31

- 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 : 10.8/16

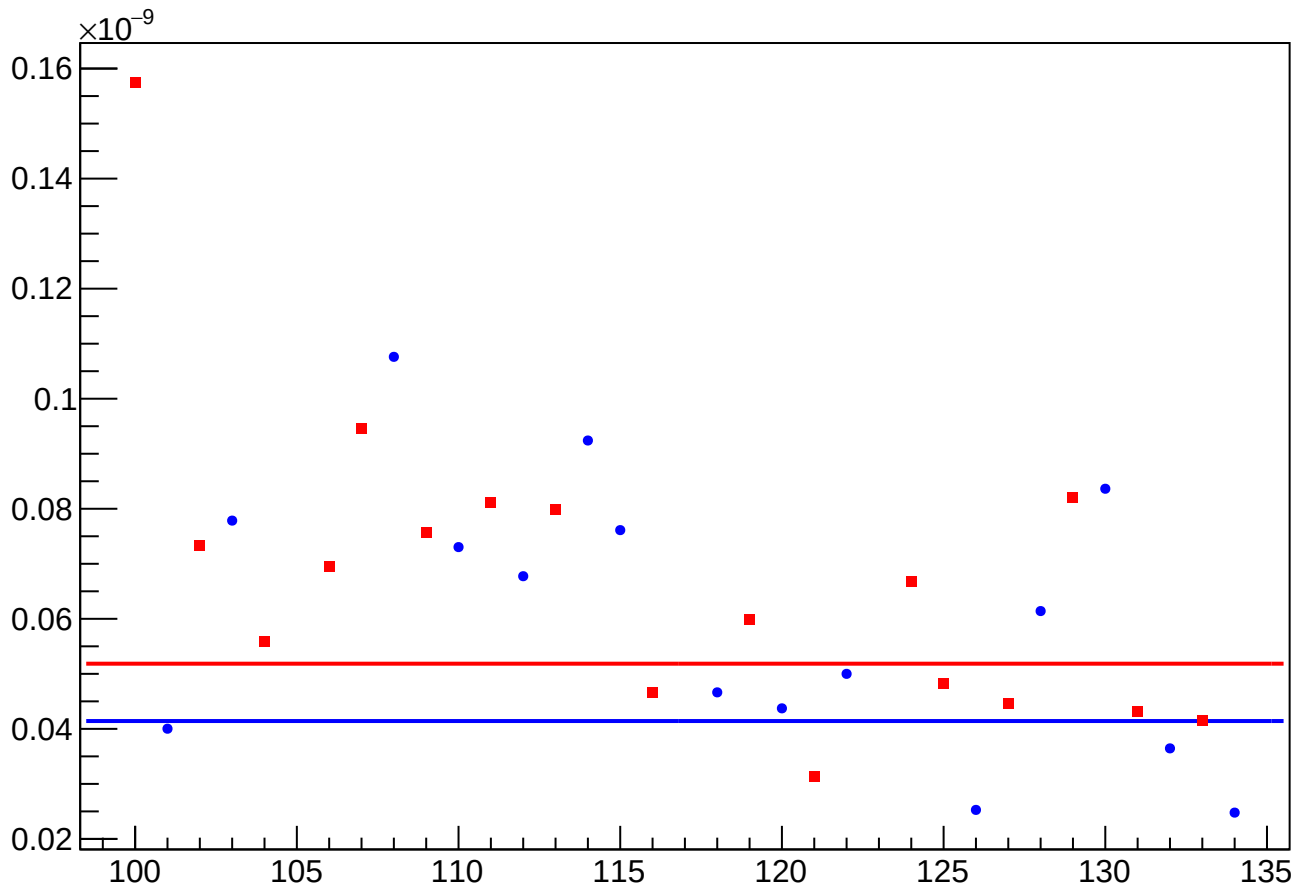
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.3/31

- 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 $\pm$ 0.000 χ^2 /NDF: 1466992.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 914562.9/16

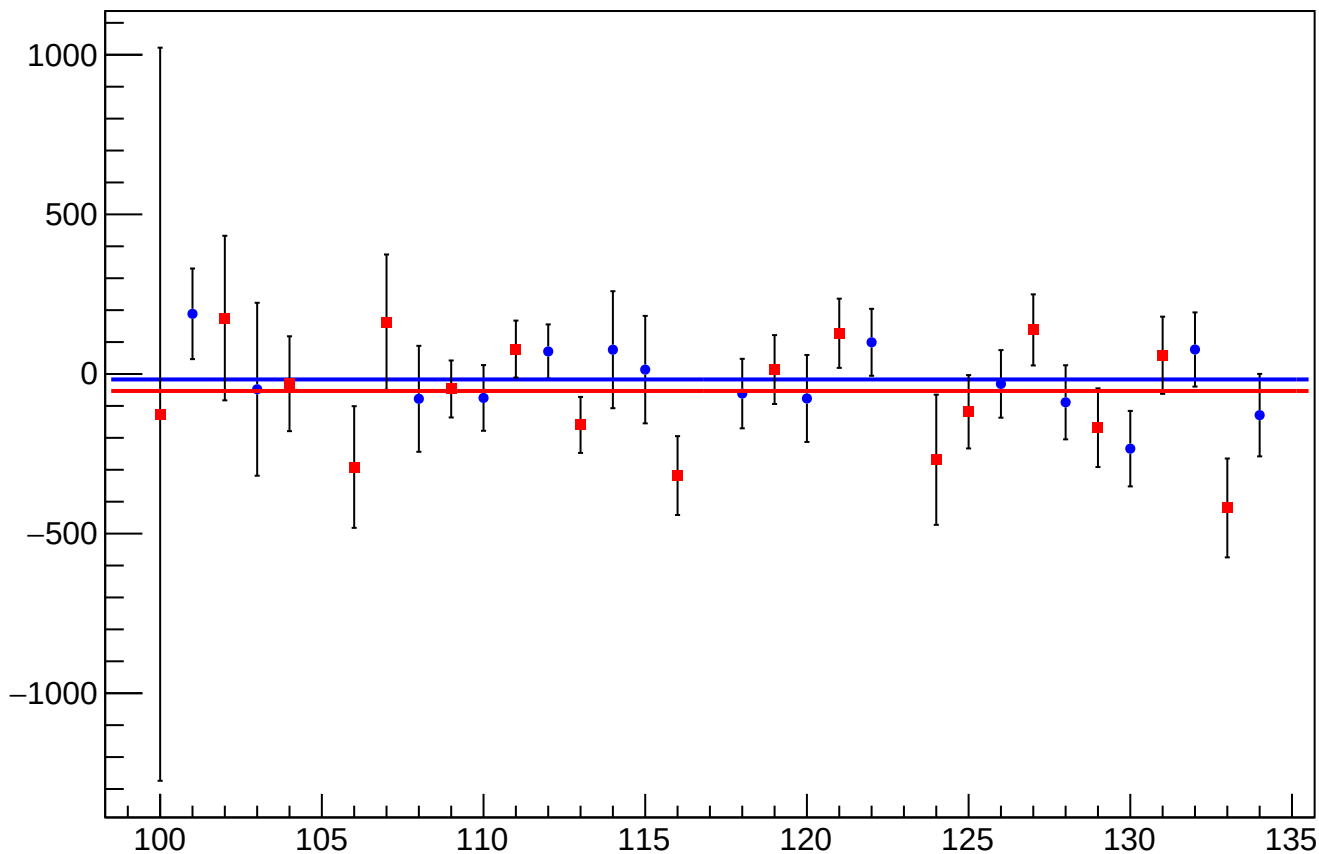
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2579479.4/31

- sign 0.000 $\pm$ 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: -53.191 ± 30.360 χ^2/NDF : 26.5/16

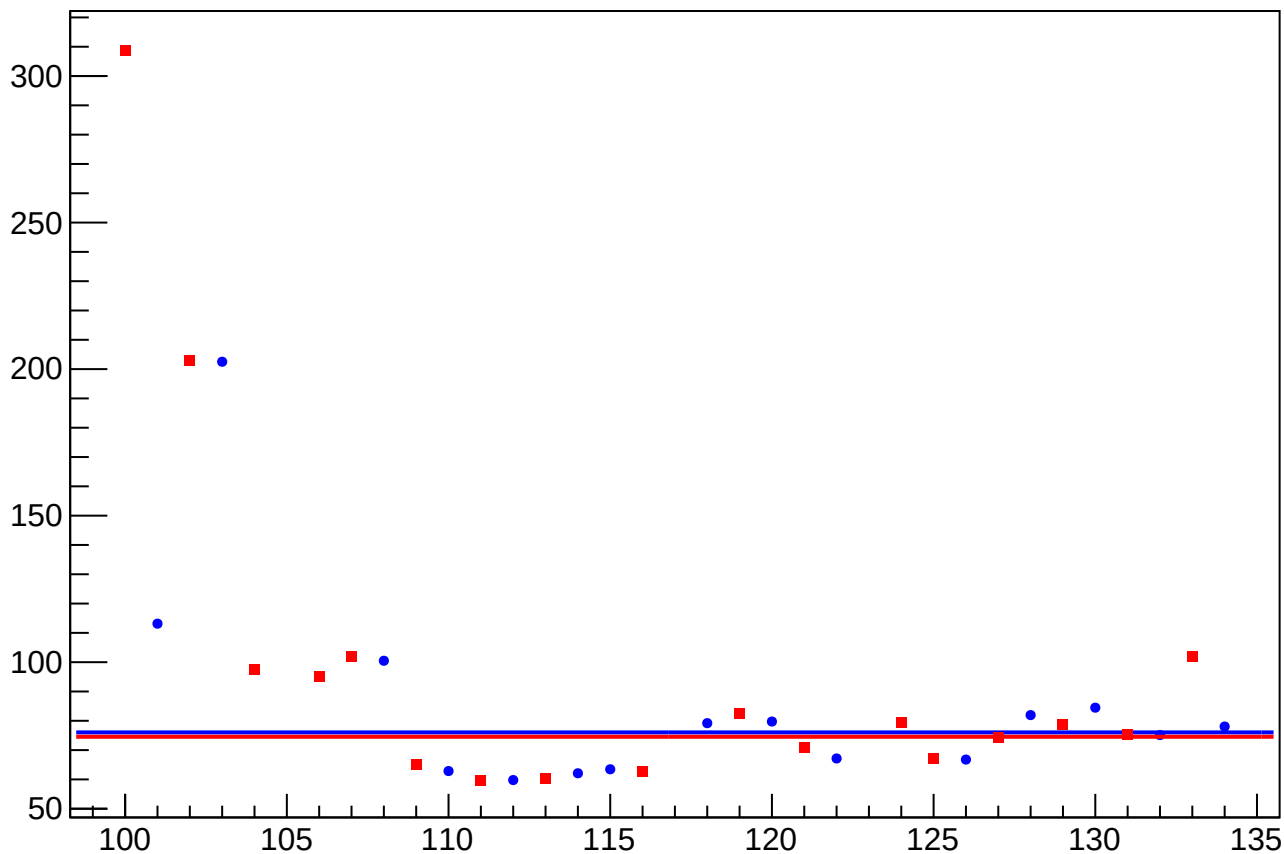
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.888 ± 21.918 χ^2/NDF : 37.9/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_rms vs Slug



Right In: 76.045 $\pm$ 0.022 χ^2 /NDF: 794025.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 74.552 $\pm$ 0.021 χ^2 /NDF: 918559.0/16

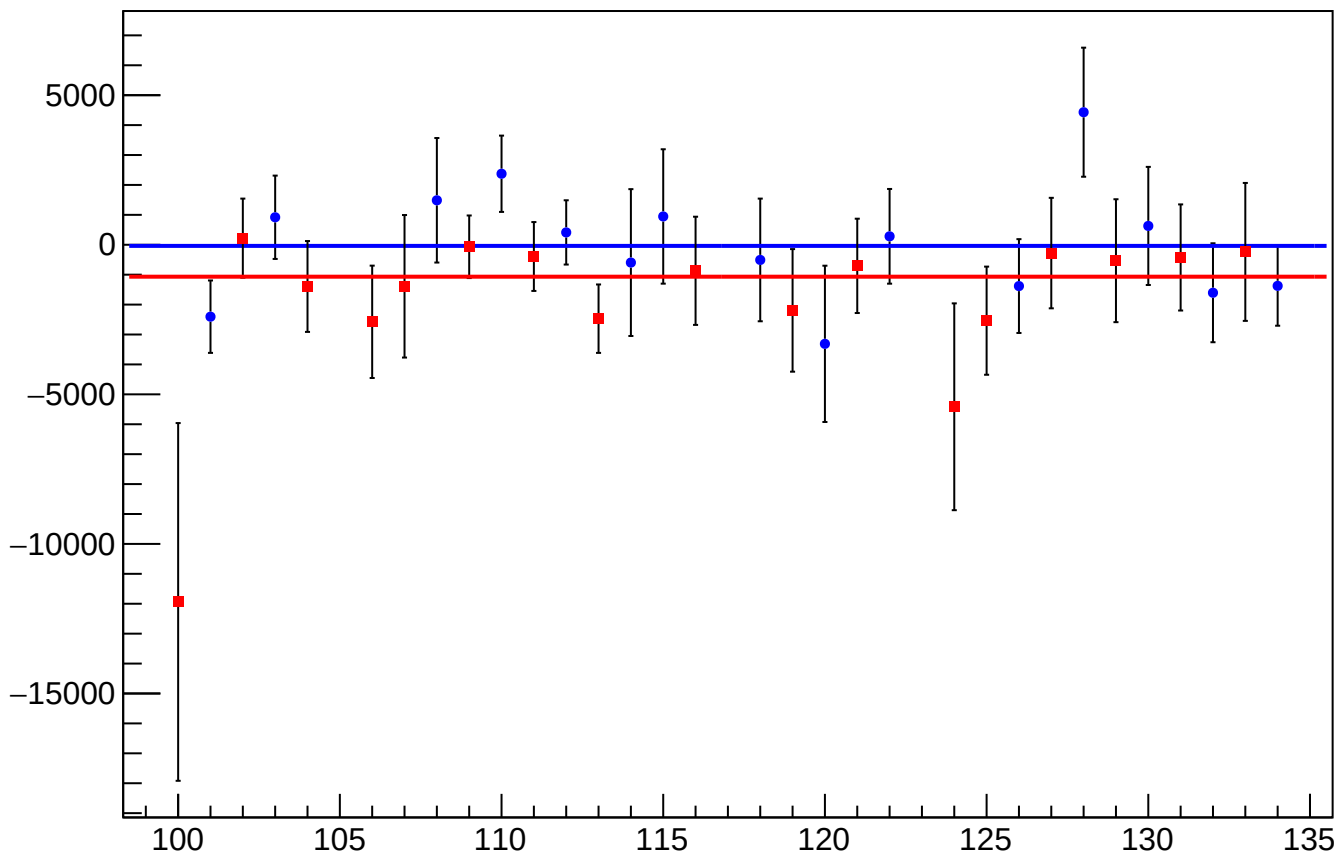
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 75.267 $\pm$ 0.015 χ^2 /NDF: 1714902.5/31

- sign 0.000 $\pm$ 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: -1067.121 ± 398.413 χ^2/NDF : 10.9/16

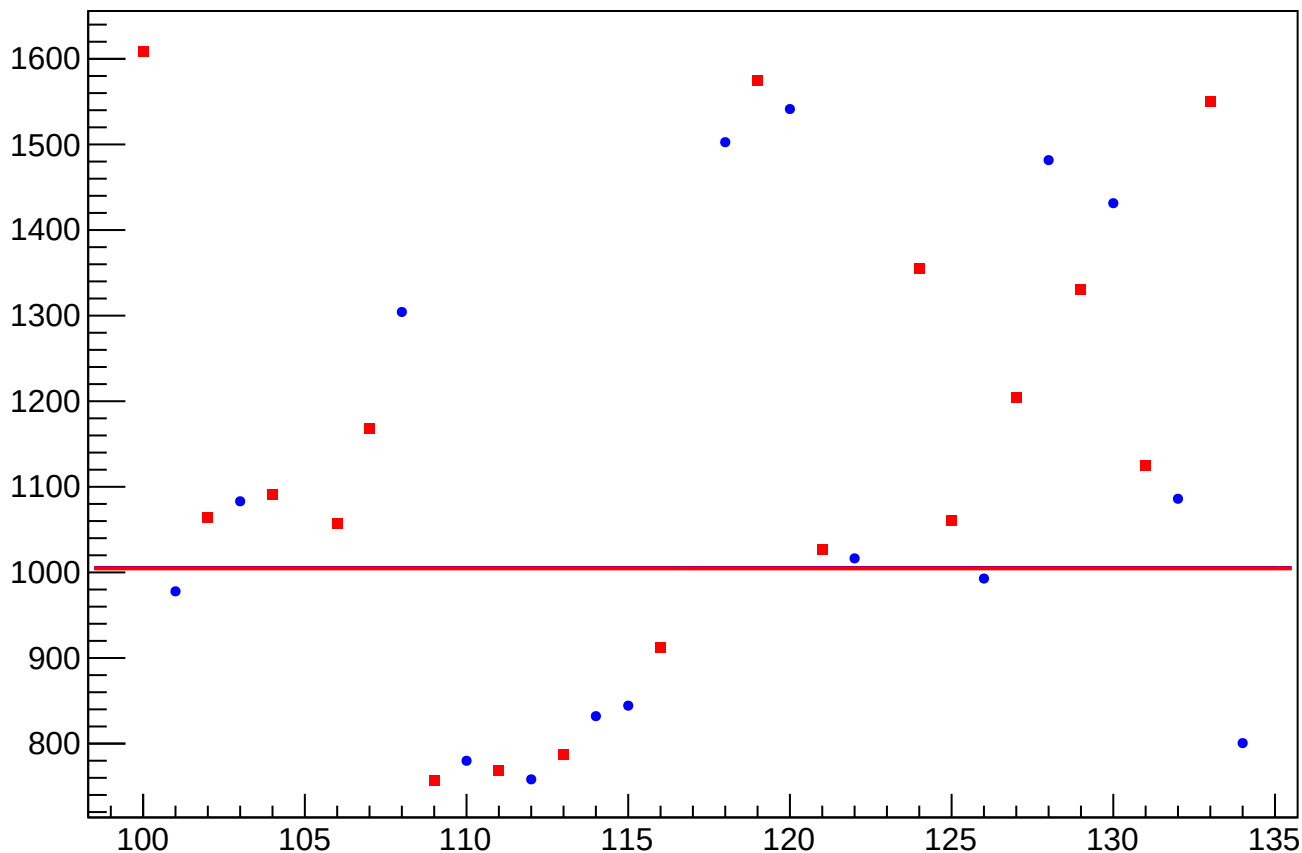
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -570.748 ± 286.710 χ^2/NDF : 31.6/31

- 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: 1004.725+/-0.282 χ^2/NDF : 688080.6/16

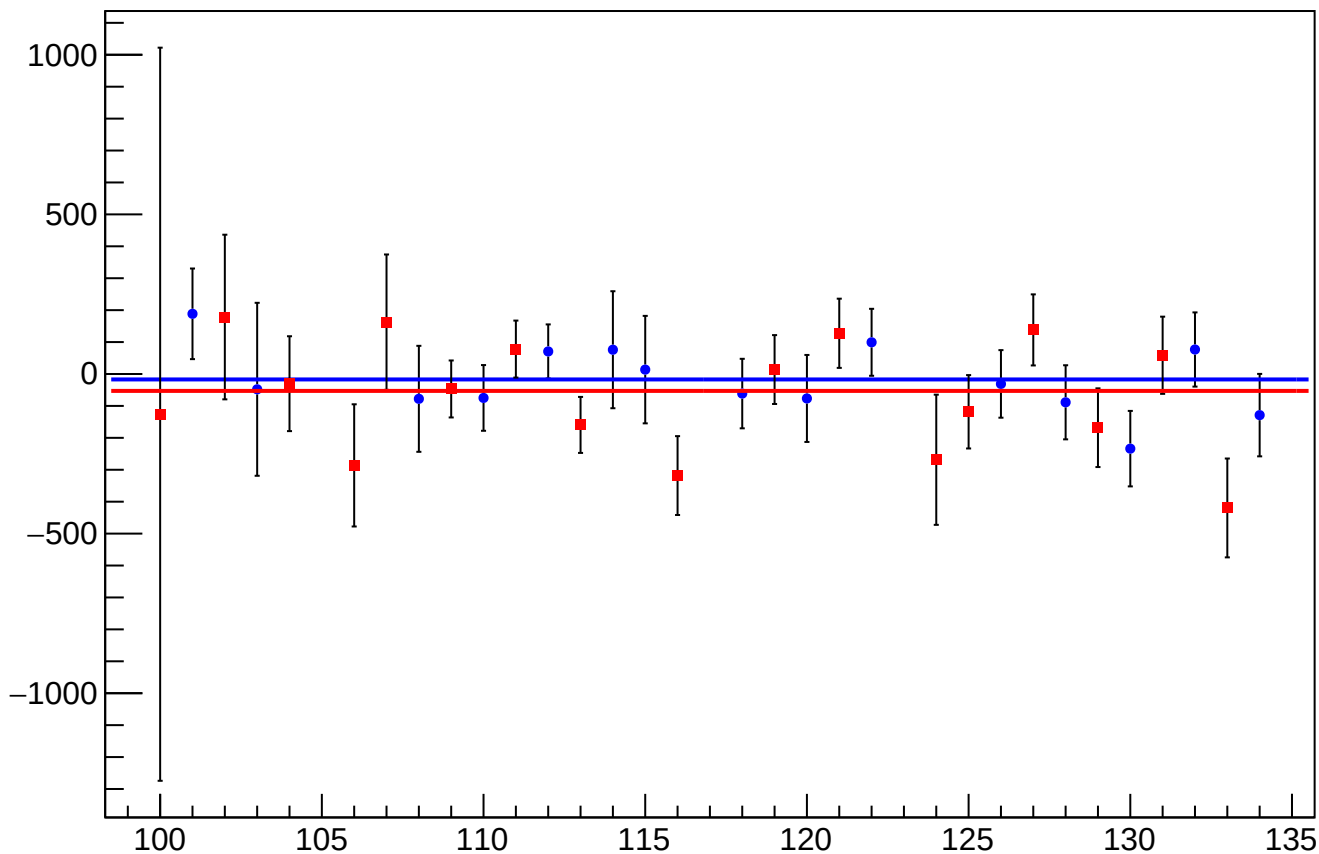
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1004.943+/-0.203 χ^2/NDF : 1369908.6/31

- 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: -52.965 ± 30.364 χ^2/NDF : 26.5/16

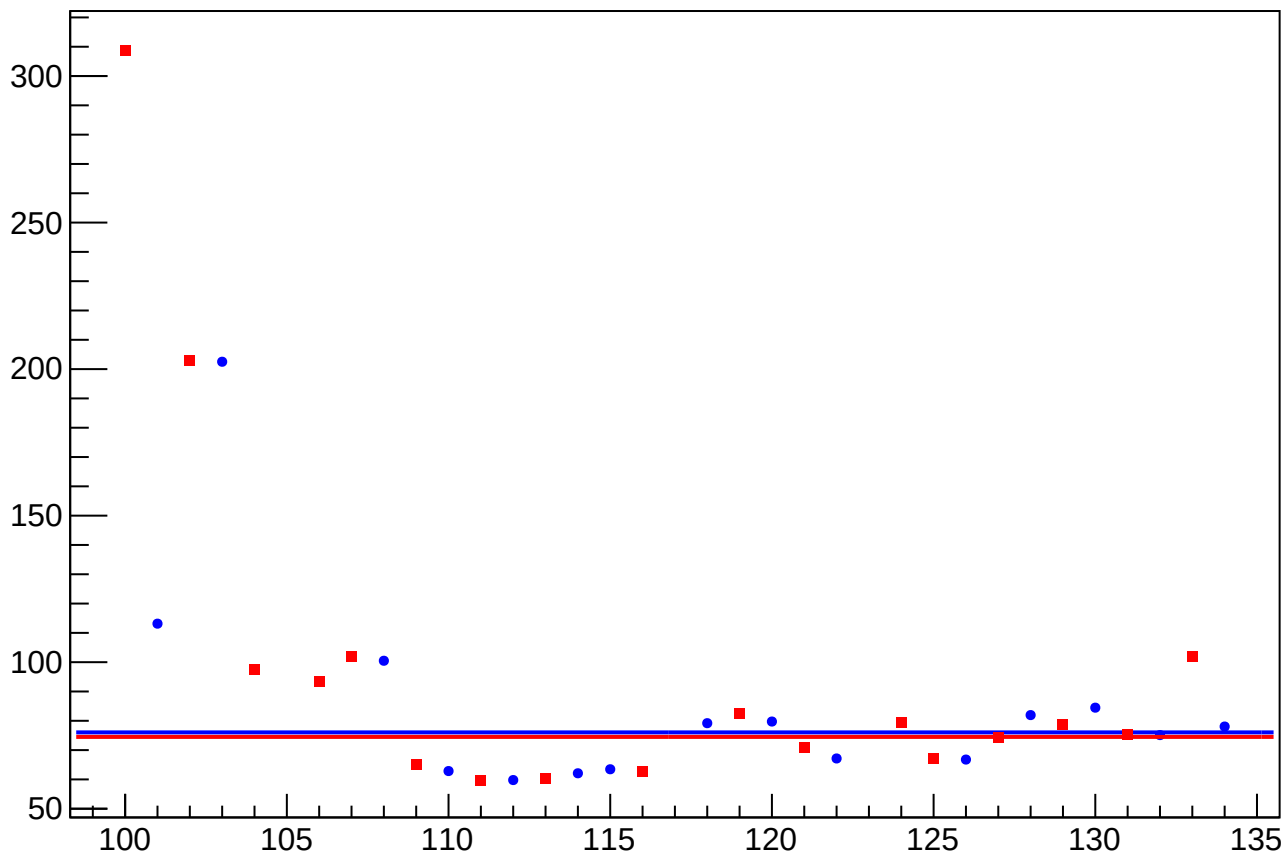
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.772 ± 21.920 χ^2/NDF : 37.8/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam_37_avg_rms vs Slug



Right In: 76.045 $\pm$ 0.022 χ^2 /NDF: 794027.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 74.504 $\pm$ 0.021 χ^2 /NDF: 914925.4/16

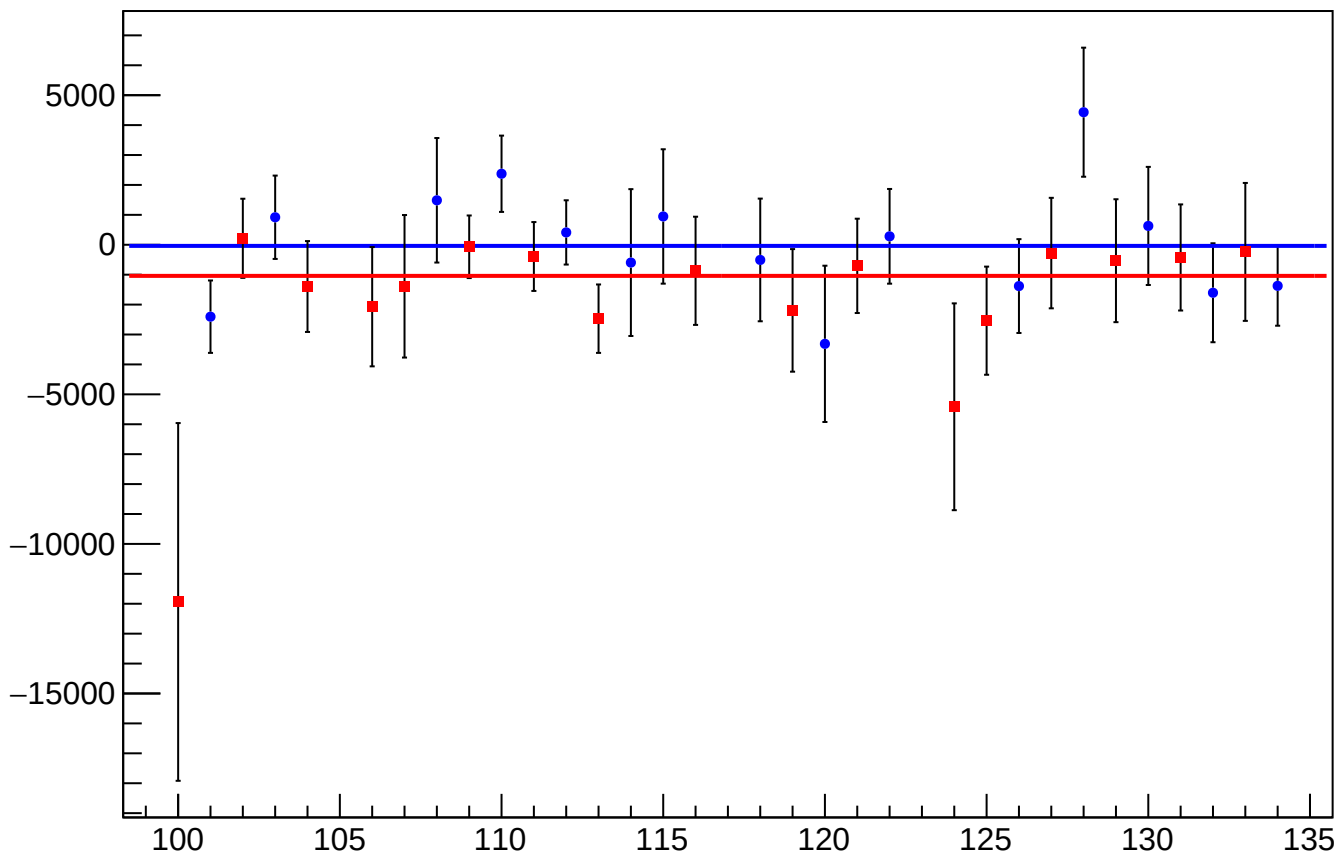
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 75.242 $\pm$ 0.015 χ^2 /NDF: 1711420.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_cor_correction_mean vs Slug



Right In: -37.556 $\pm$ 412.919 χ^2 /NDF: 17.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1039.936 $\pm$ 399.460 χ^2 /NDF: 10.4/16

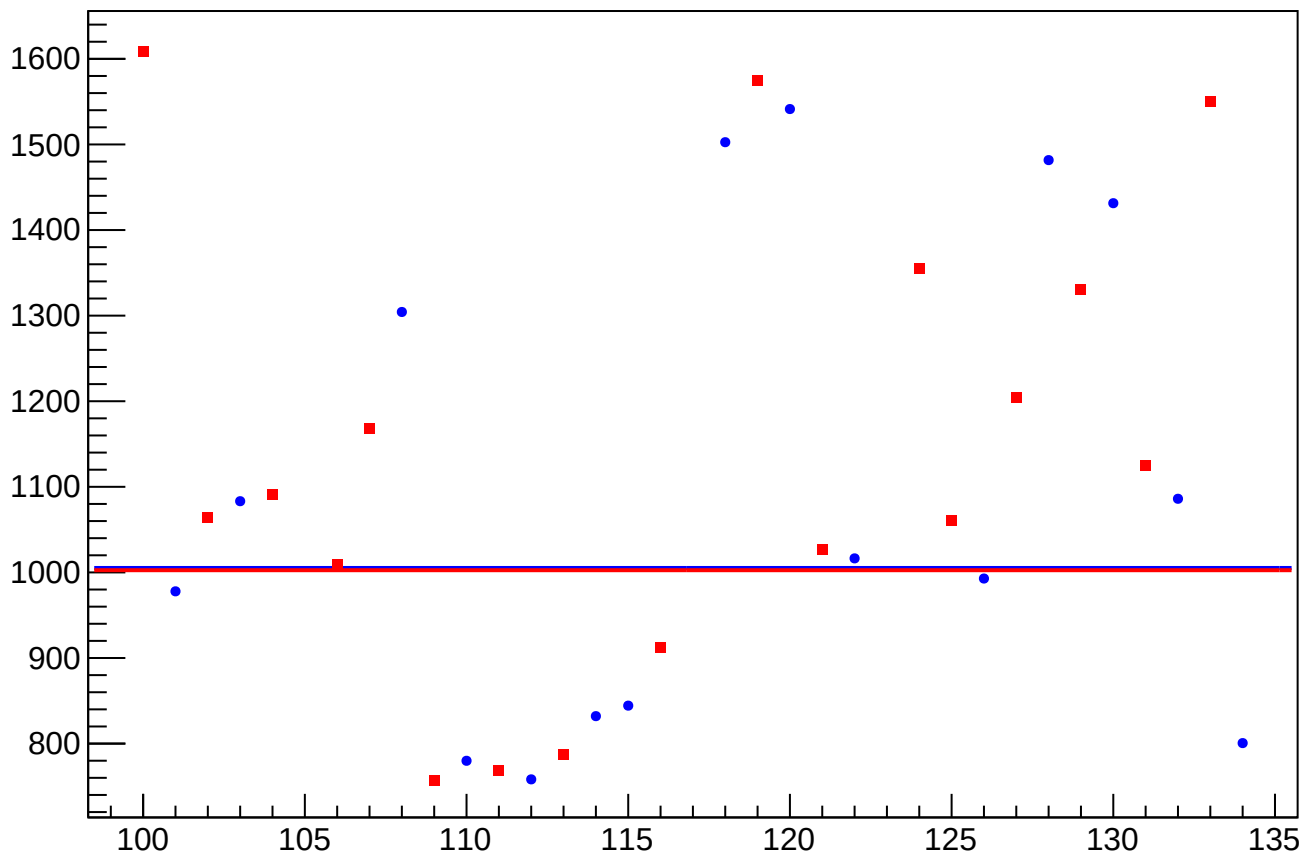
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -555.349 $\pm$ 287.101 χ^2 /NDF: 31.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_cor_correction_rms vs Slug



Right In: 1005.184+/-0.292 χ^2/NDF : 681844.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1002.585+/-0.282 χ^2/NDF : 686563.3/16

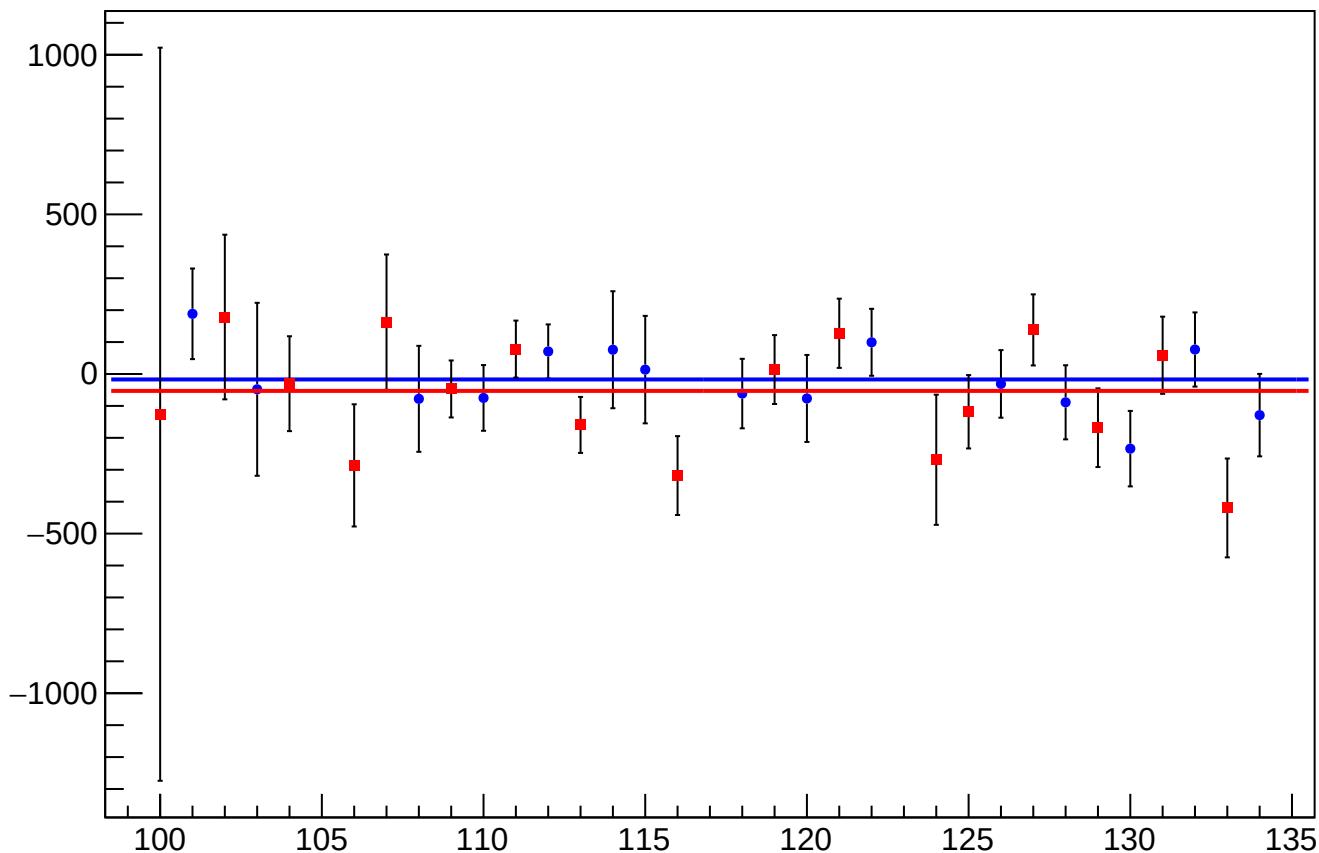
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1003.842+/-0.203 χ^2/NDF : 1368449.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_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: -52.965 ± 30.364 χ^2/NDF : 26.5/16

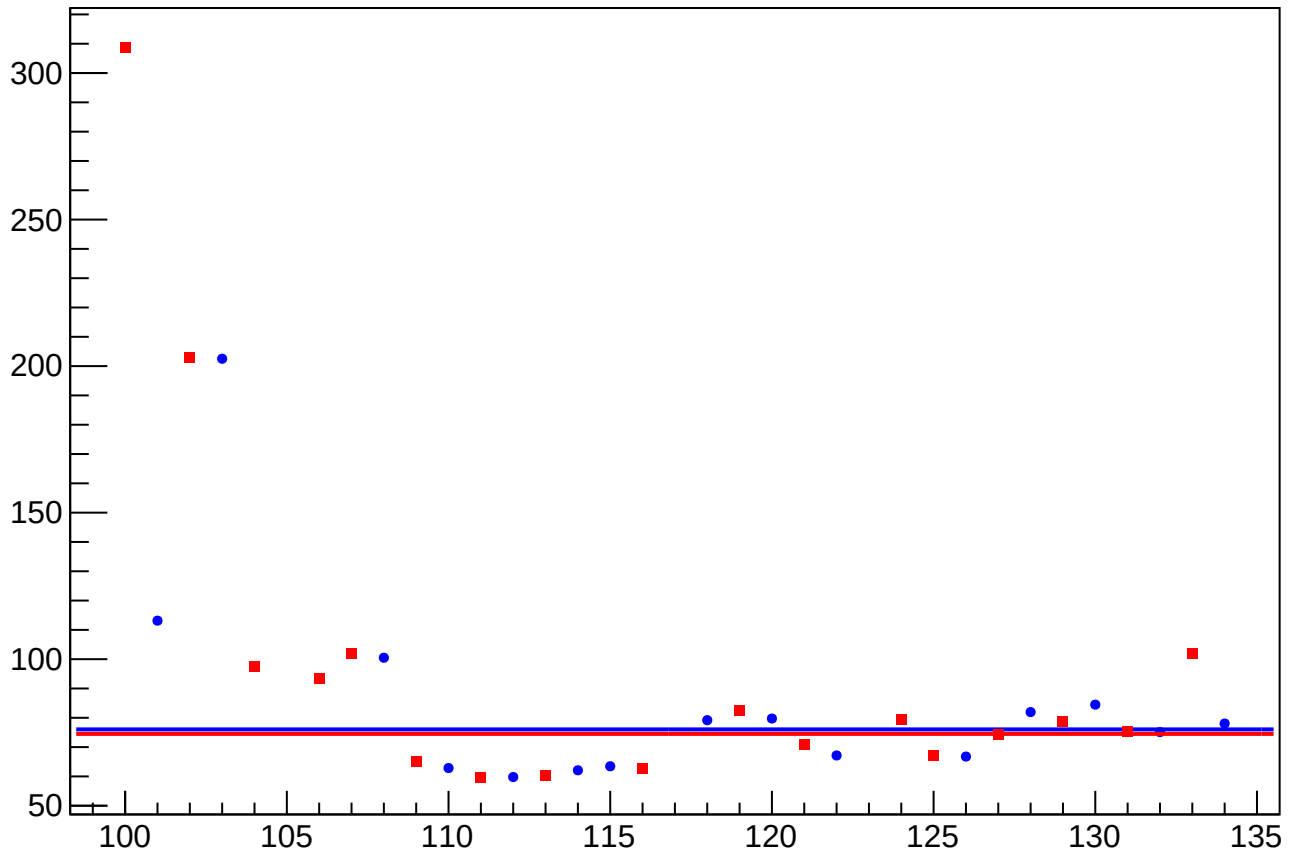
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.772 ± 21.920 χ^2/NDF : 37.8/31

- sign 0.000 ± 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: 74.504+/-0.021 χ^2/NDF : 914925.4/16

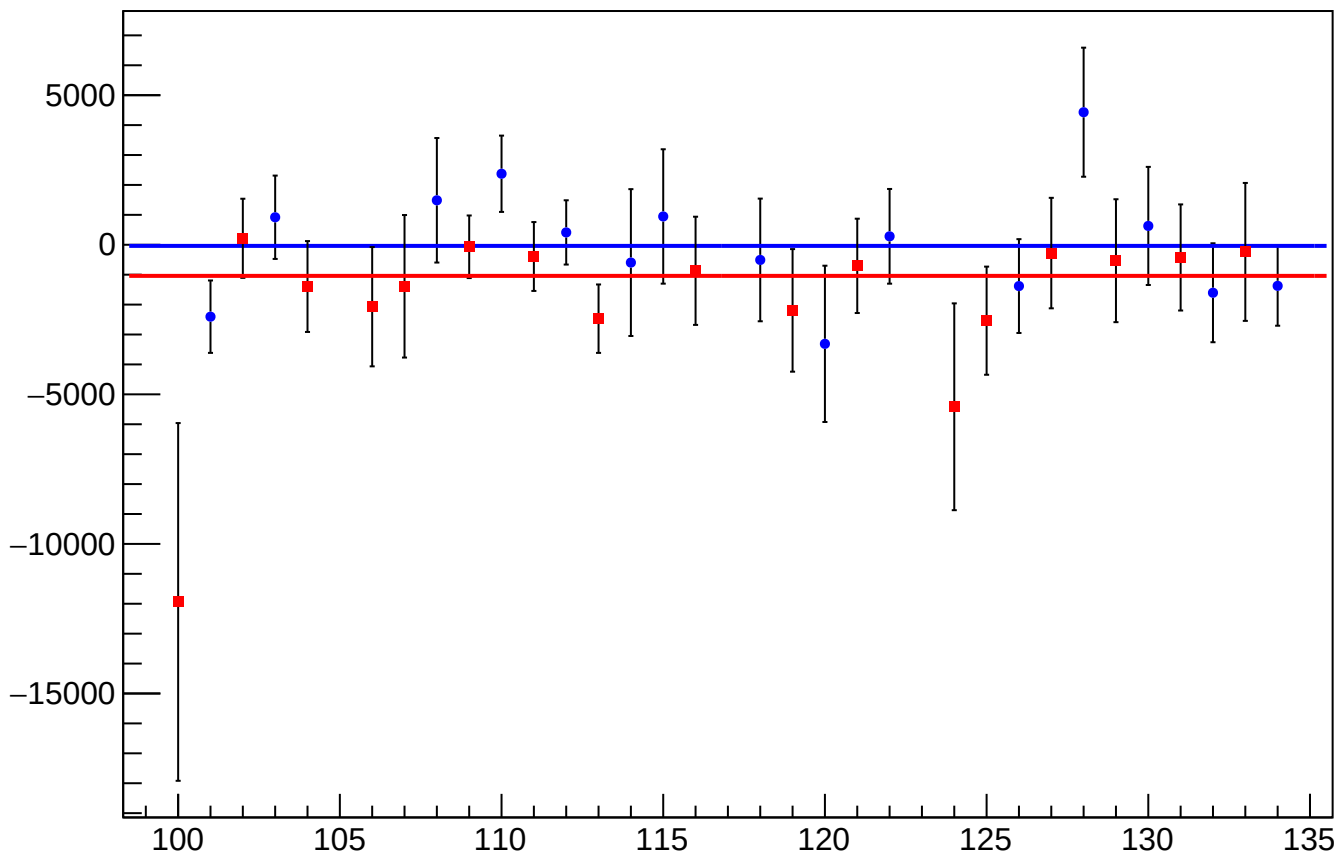
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.242+/-0.015 χ^2/NDF : 1711420.4/31

- 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: -1039.936 ± 399.460 χ^2/NDF : 10.4/16

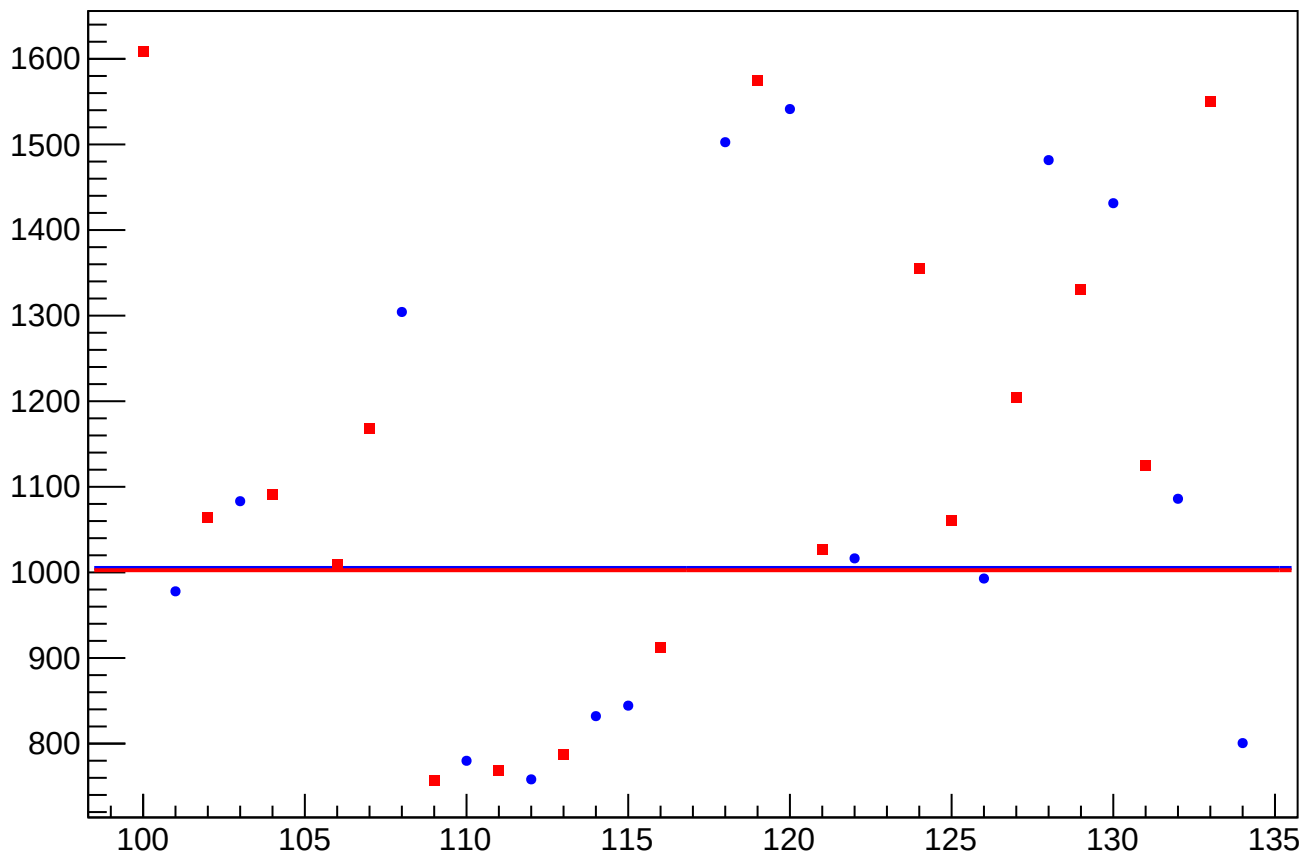
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -555.349 ± 287.101 χ^2/NDF : 31.0/31

- 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+/-0.292 χ^2/NDF : 681844.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1002.585+/-0.282 χ^2/NDF : 686563.3/16

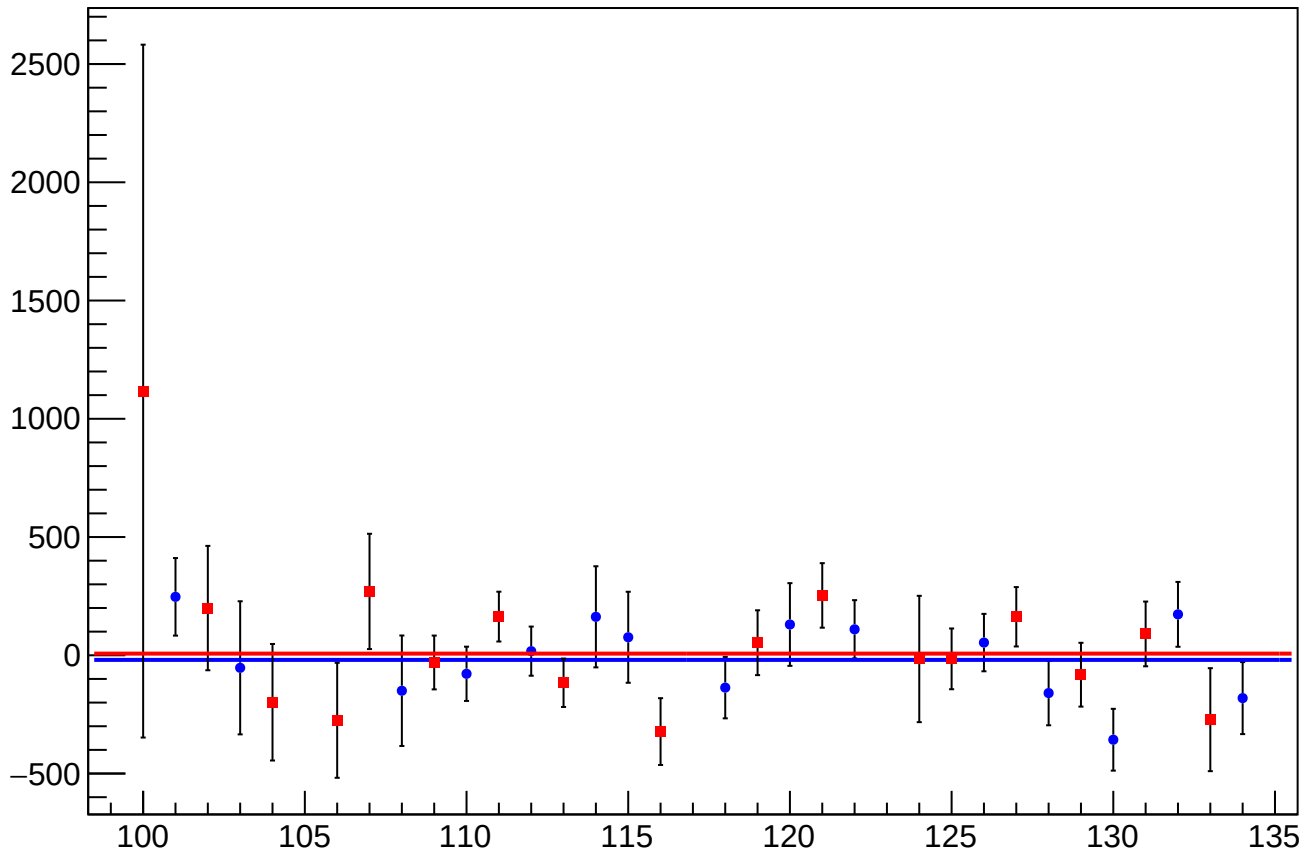
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1003.842+/-0.203 χ^2/NDF : 1368449.0/31

- sign 0.000+/-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: 7.078 ± 36.451 χ^2/NDF : 20.9/16

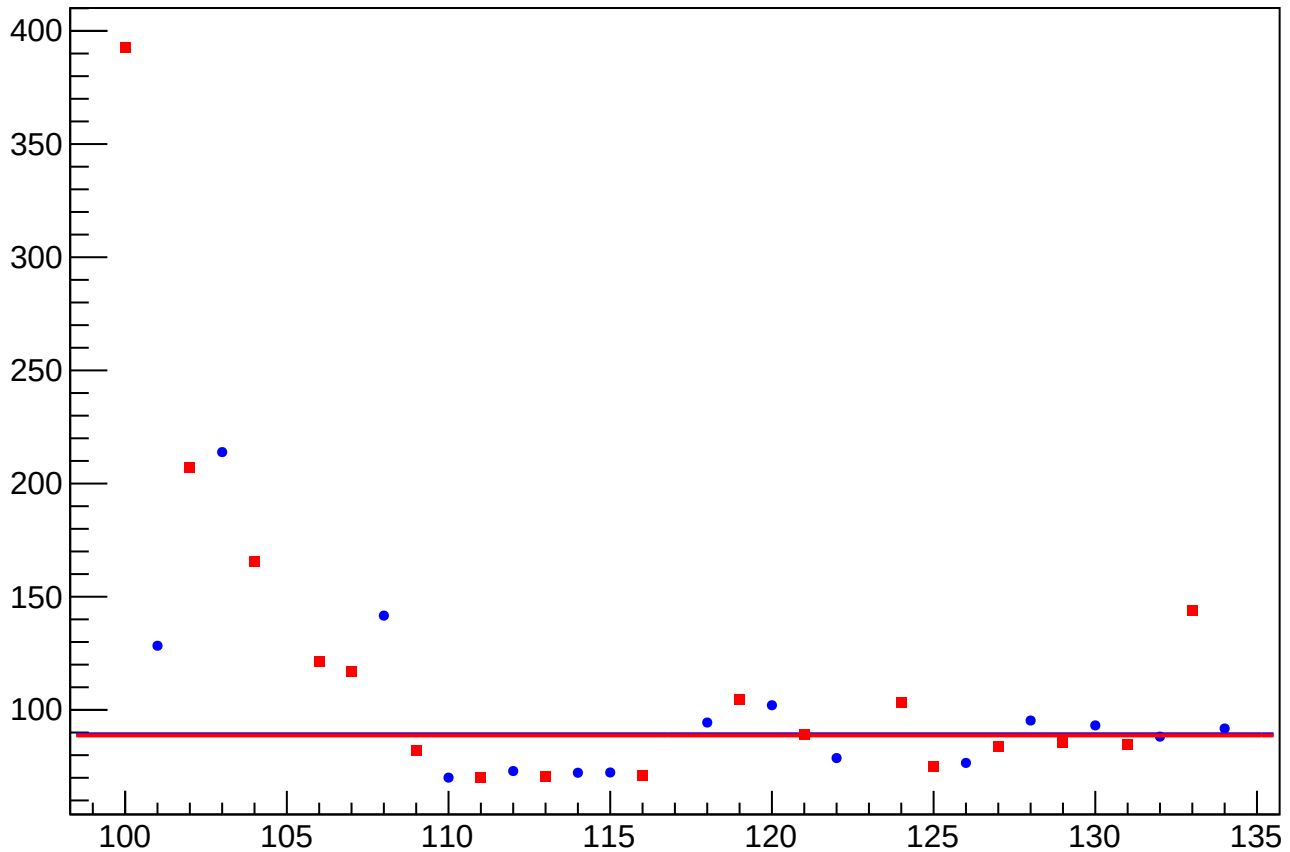
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.890 ± 26.059 χ^2/NDF : 39.4/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_avg_rms vs Slug



Right In: 89.218+/-0.026 χ^2/NDF : 796452.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.731+/-0.026 χ^2/NDF : 1103905.7/16

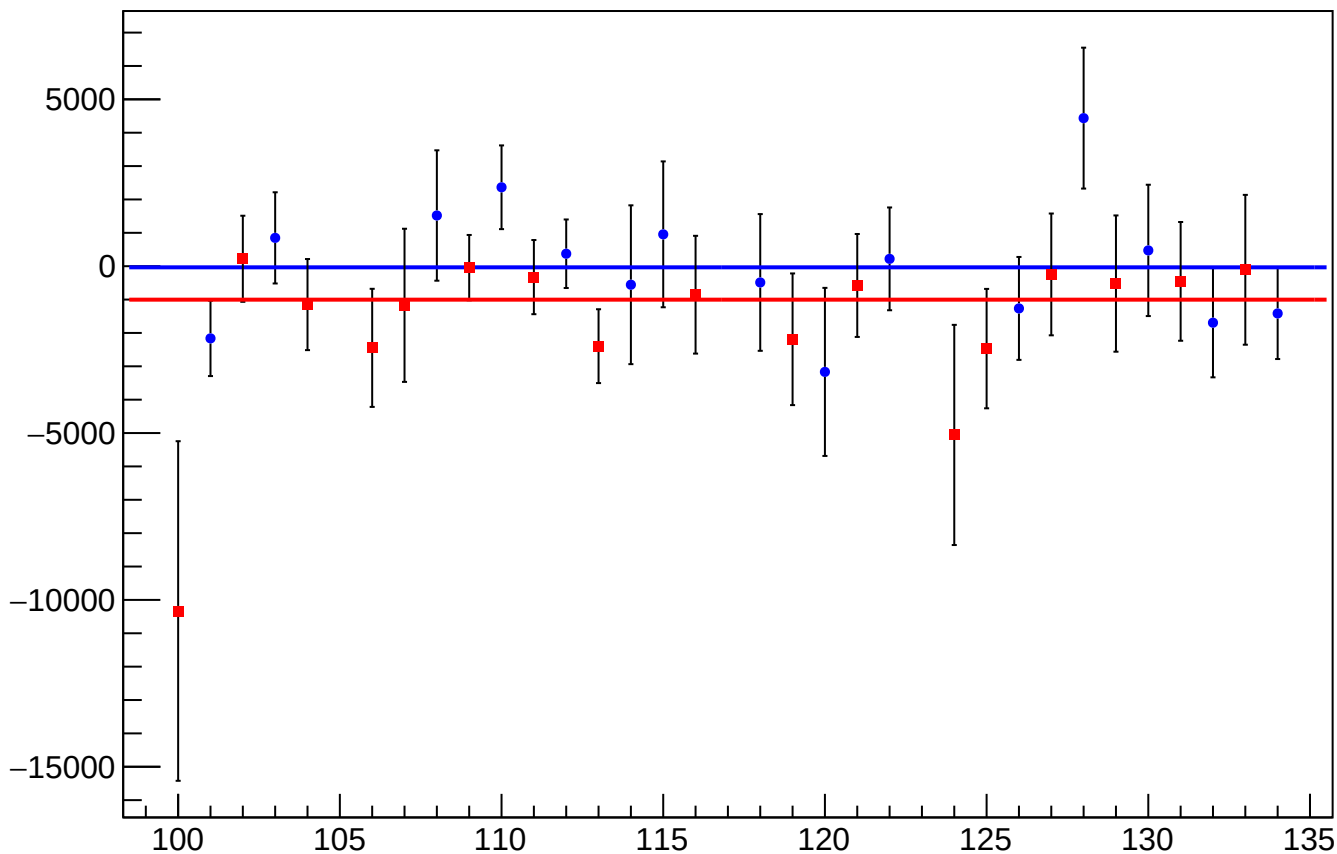
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.969+/-0.018 χ^2/NDF : 1900533.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_dit_correction_mean vs Slug



Right In: -33.909 $\pm$ 402.258 χ^2 /NDF: 17.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1002.946 $\pm$ 383.106 χ^2 /NDF: 11.0/16

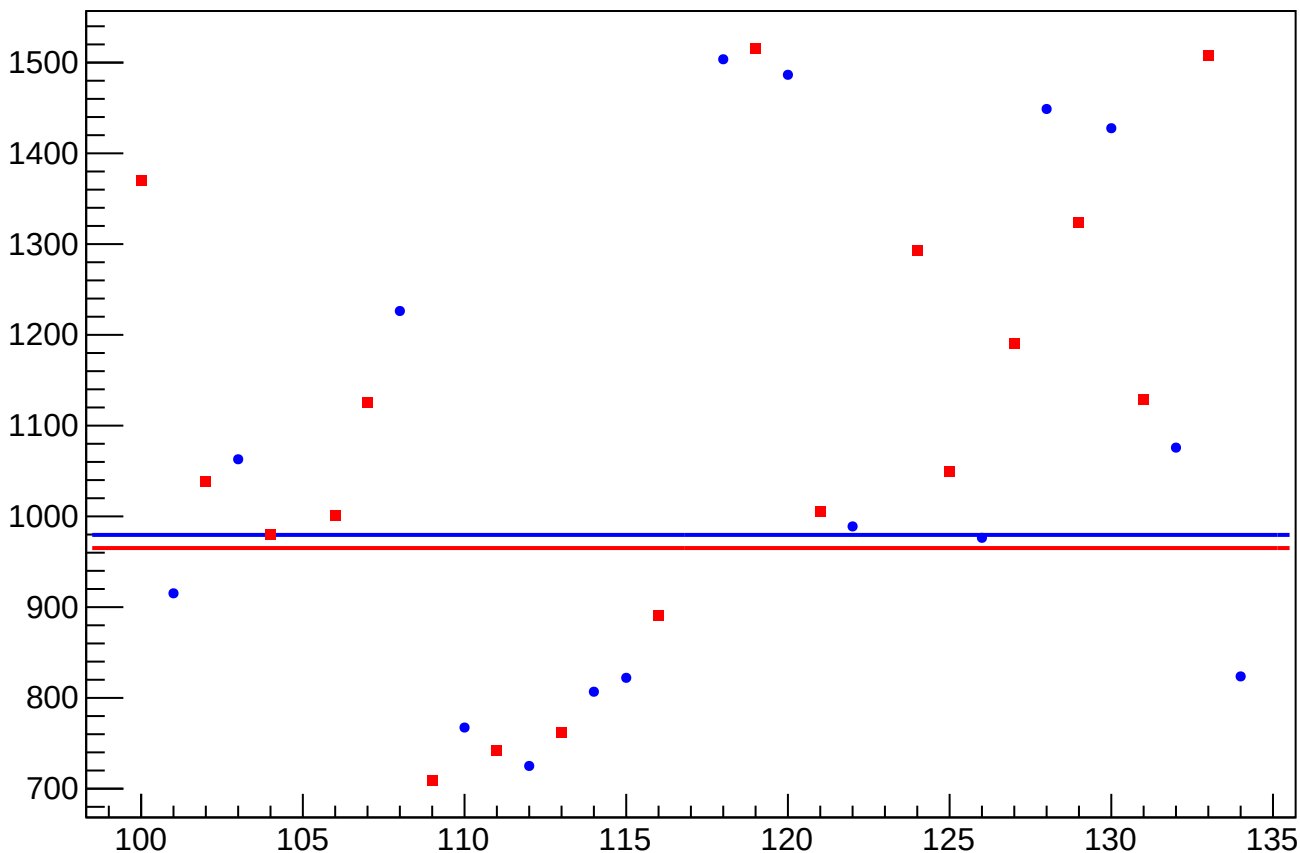
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -542.044 $\pm$ 277.421 χ^2 /NDF: 31.5/31

- sign 0.000 $\pm$ 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

Right Out: 965.111+/-0.271 χ^2/NDF : 725665.1/16

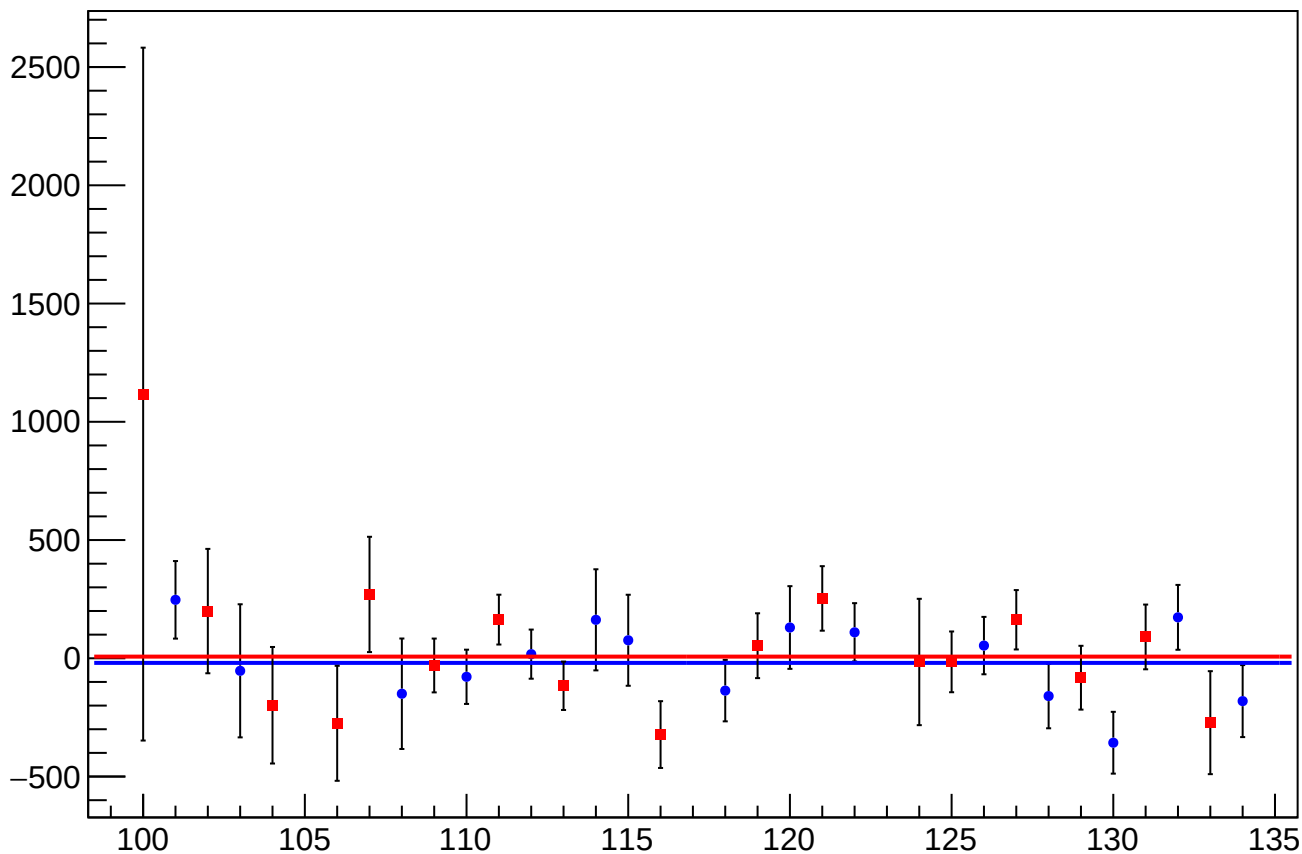
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 971.999+/-0.196 χ^2/NDF : 1421402.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_37_avg_mean vs Slug



Right In: -19.447 $\pm$ 37.268 χ^2 /NDF: 18.2/14

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 7.081 $\pm$ -36.451 χ^2 /NDF: 20.9/16

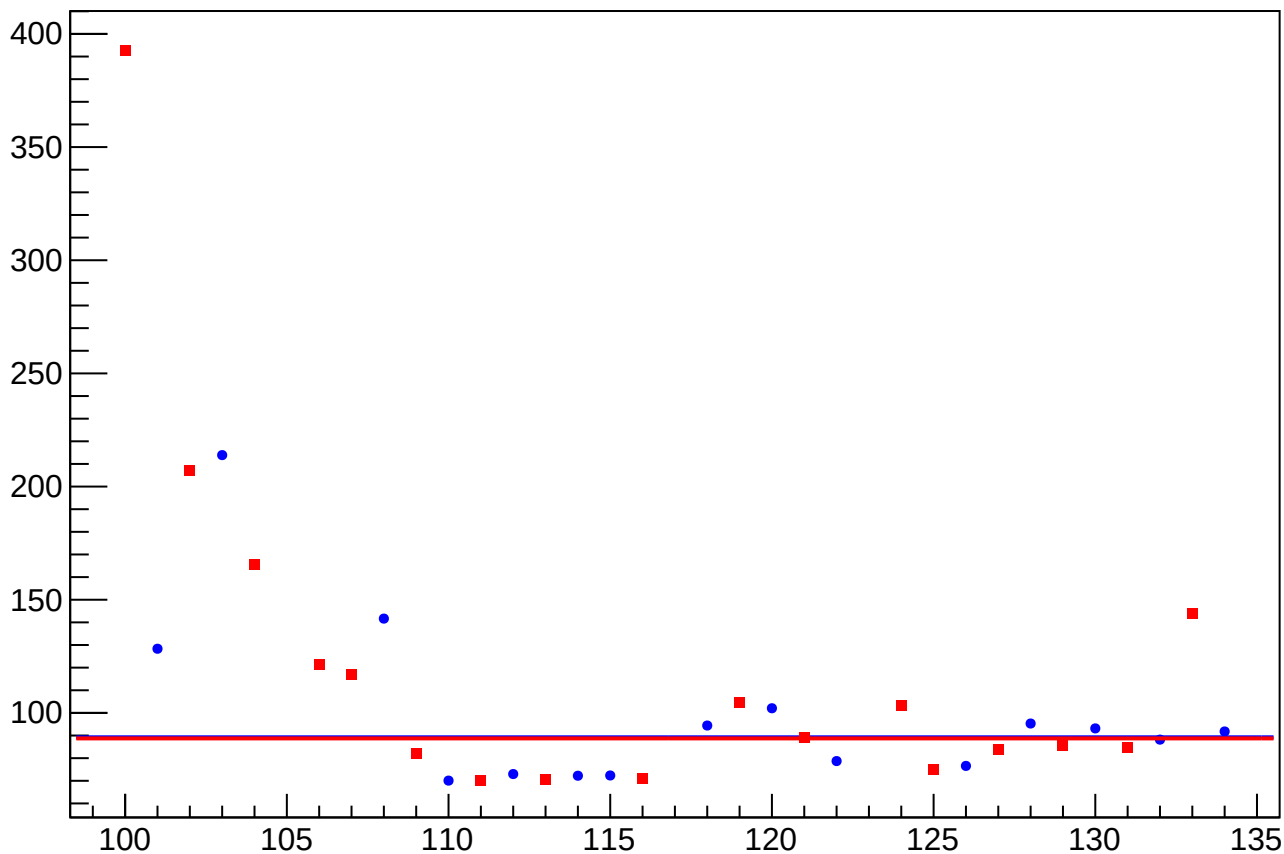
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: -5.889 $\pm$ -26.059 χ^2 /NDF: 39.4/31

- sign 0.000 $\pm$ -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: 88.731+/-0.026 χ^2/NDF : 1103899.5/16

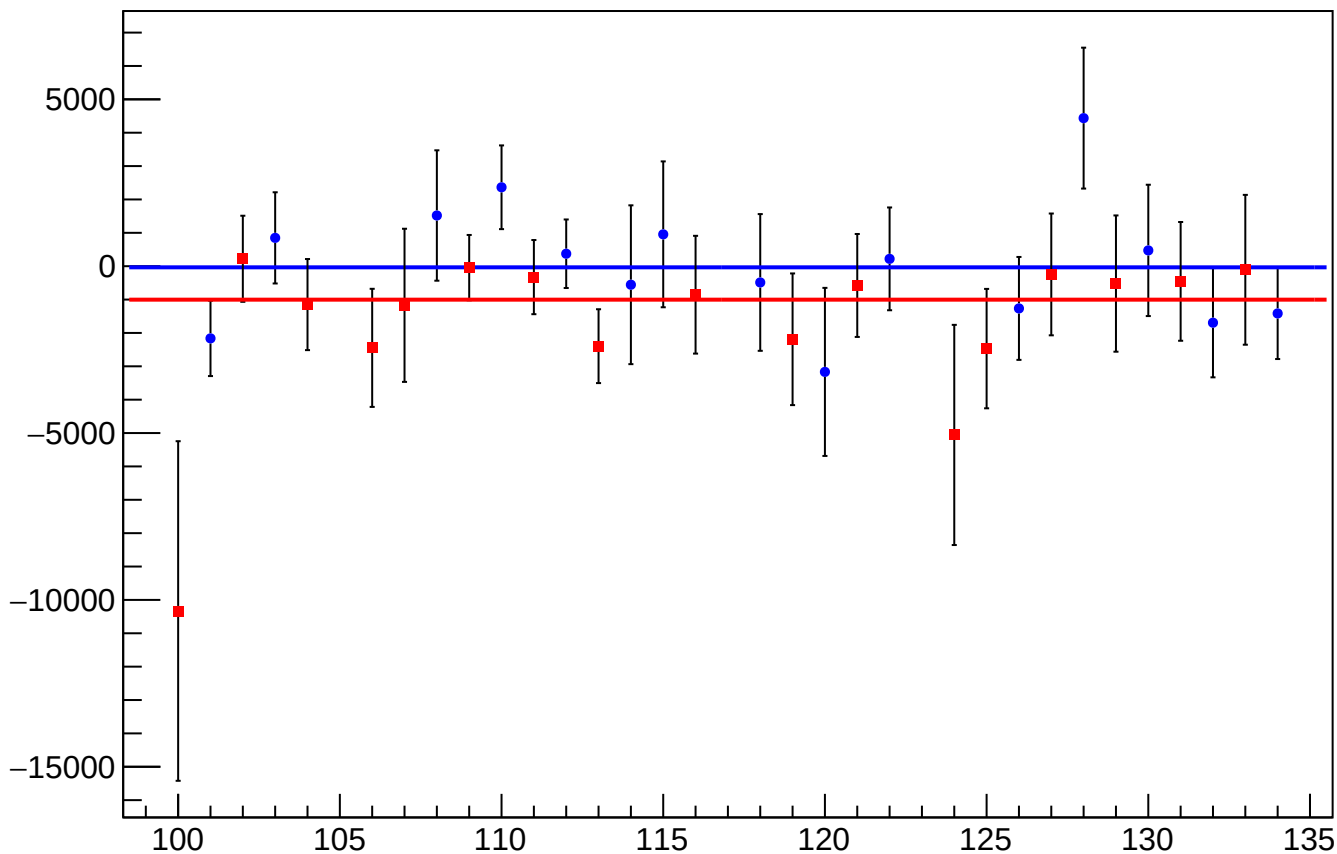
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.970+/-0.018 χ^2/NDF : 1900511.5/31

- 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: -1002.944 ± 383.105 χ^2/NDF : 11.0/16

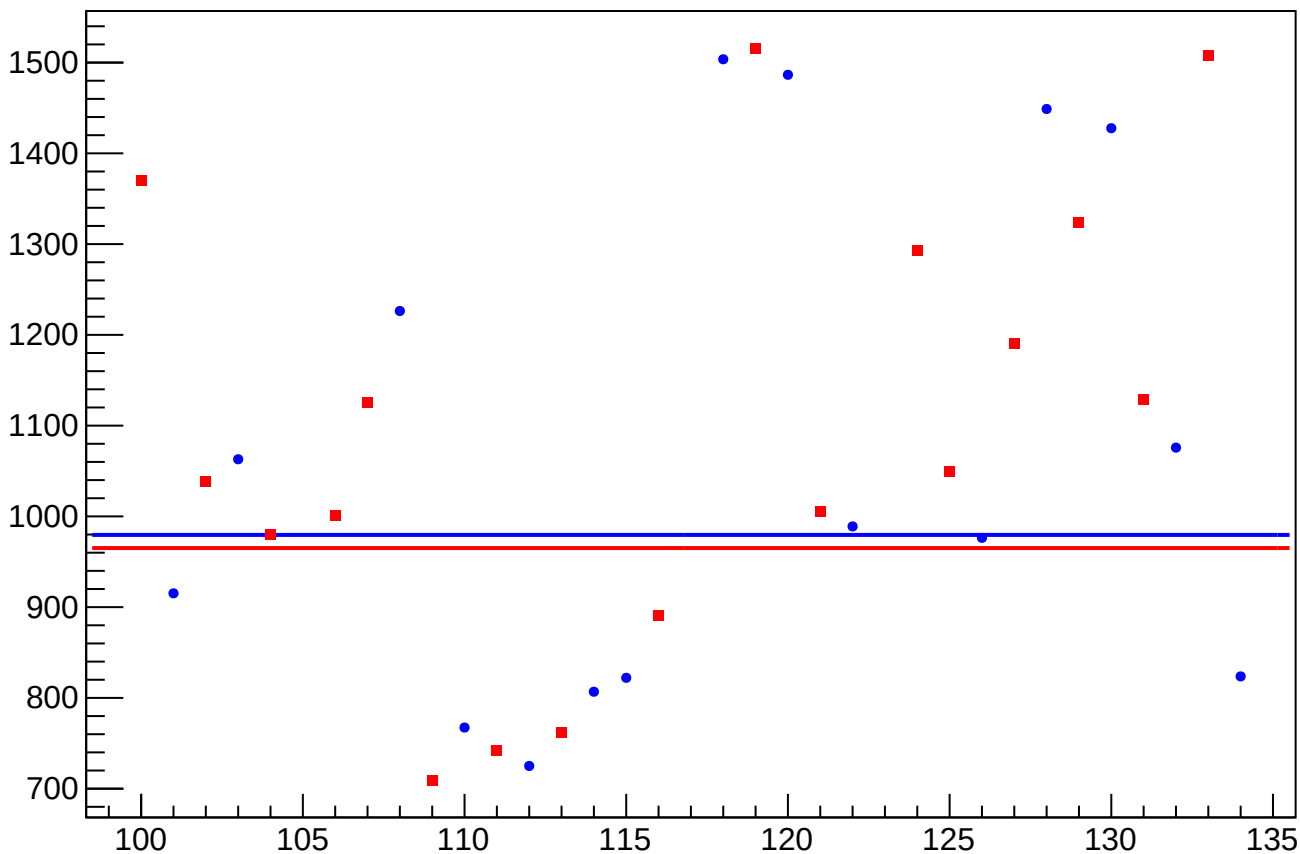
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -542.043 ± 277.420 χ^2/NDF : 31.5/31

- 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: 965.109+/-0.271 χ^2/NDF : 725665.5/16

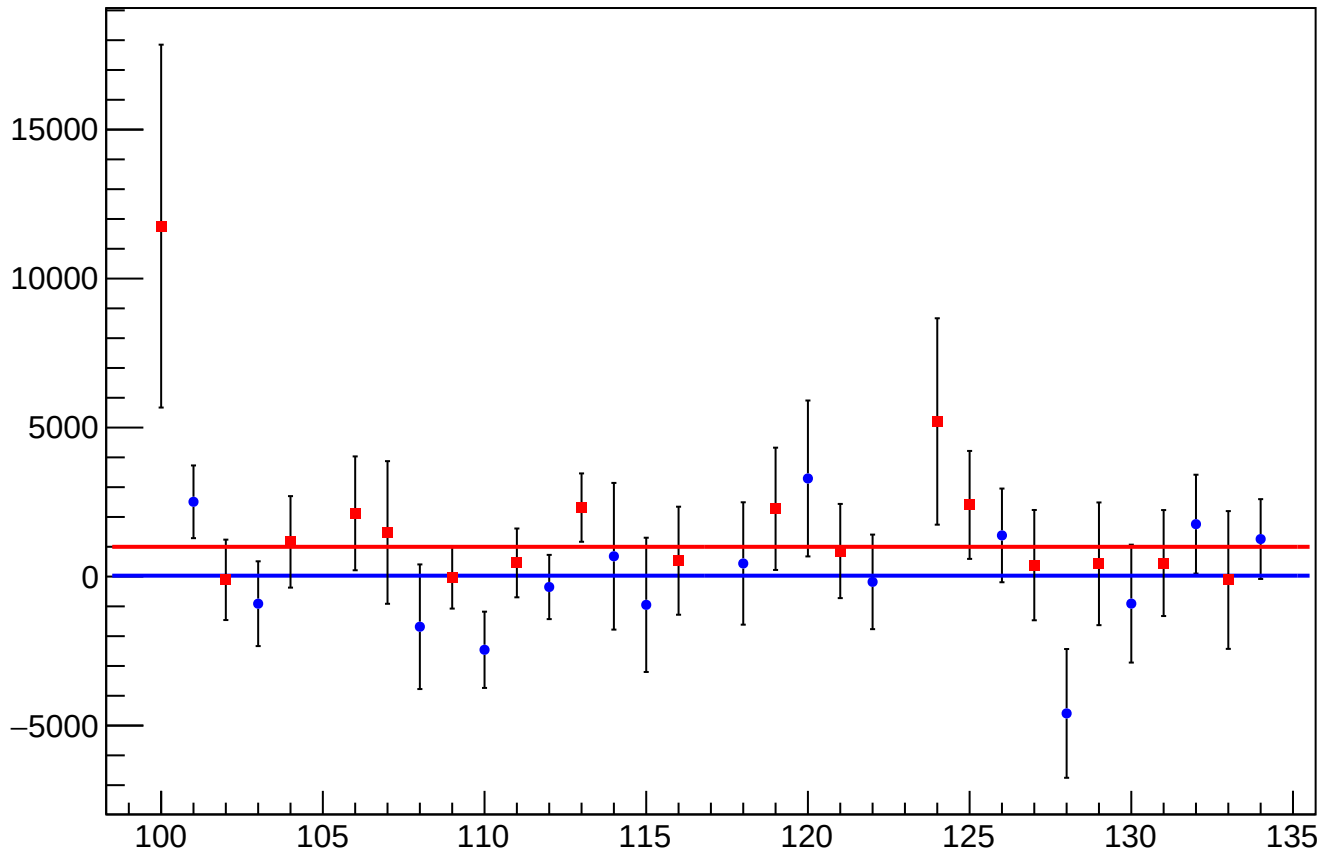
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 971.997+/-0.196 χ^2/NDF : 1421407.9/31

- 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: 998.459+/-400.687 χ^2/NDF : 9.7/16

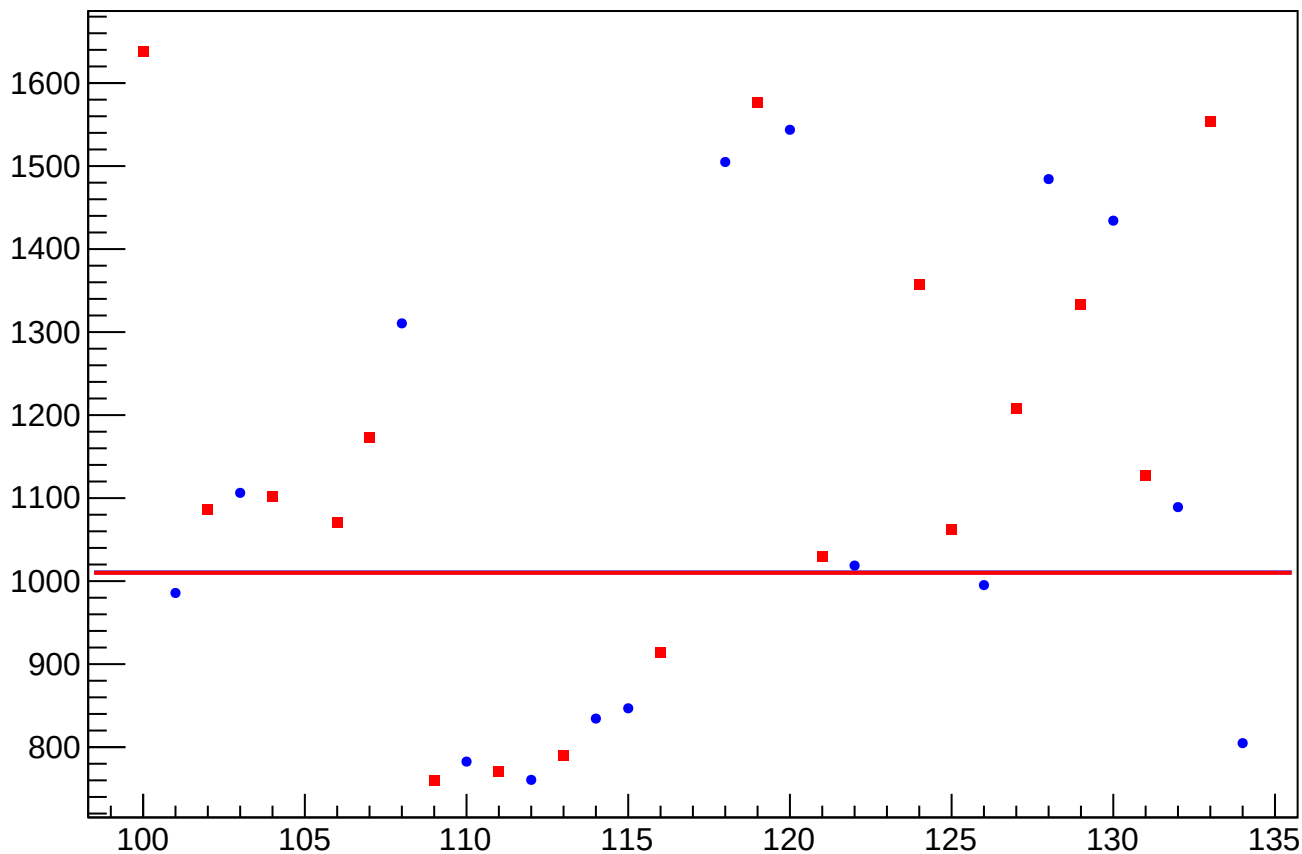
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 531.376+/-288.277 χ^2/NDF : 31.0/31

- 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: 1010.038+/-0.283 χ^2/NDF : 691317.9/16

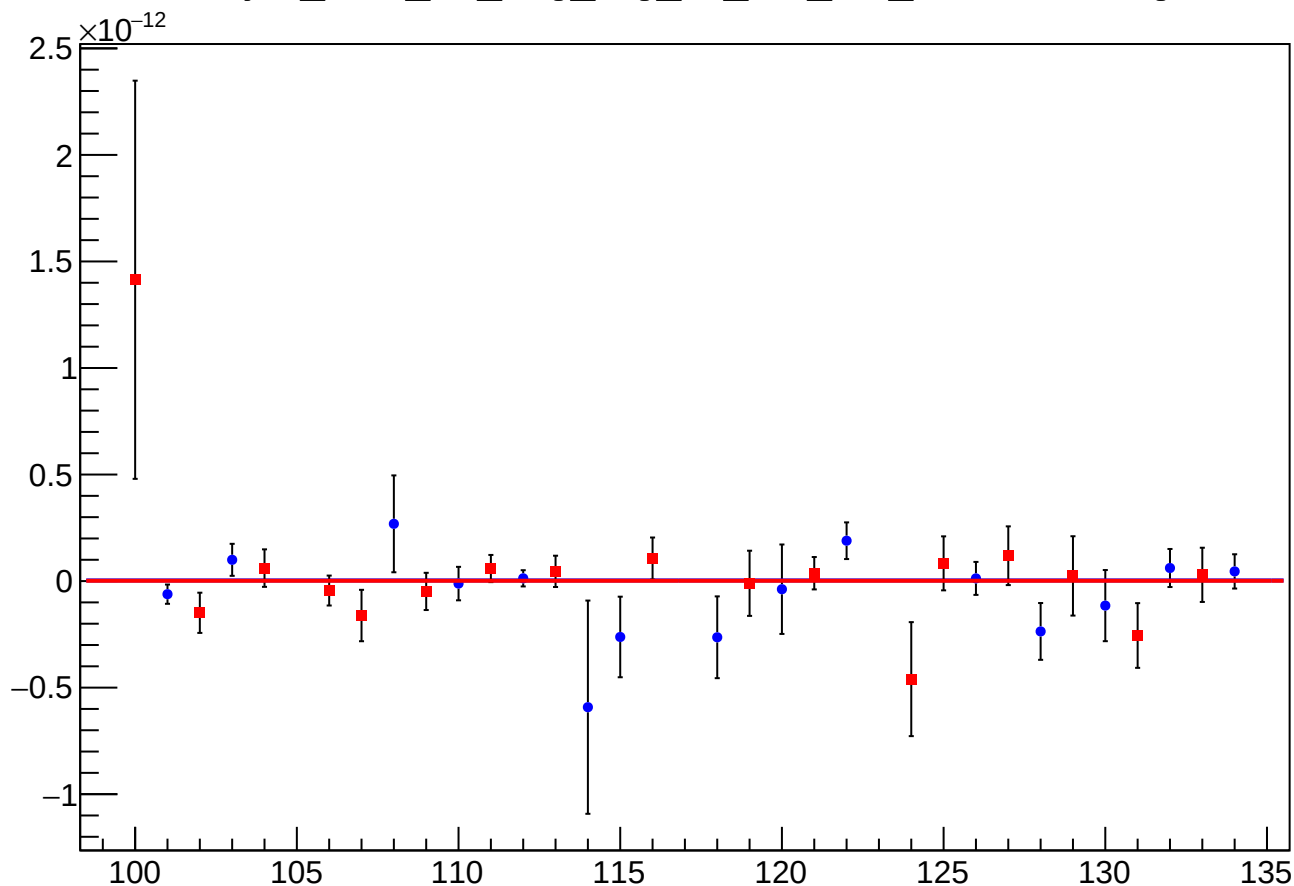
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1010.224+/-0.204 χ^2/NDF : 1373048.8/31

- 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: 17.4/16

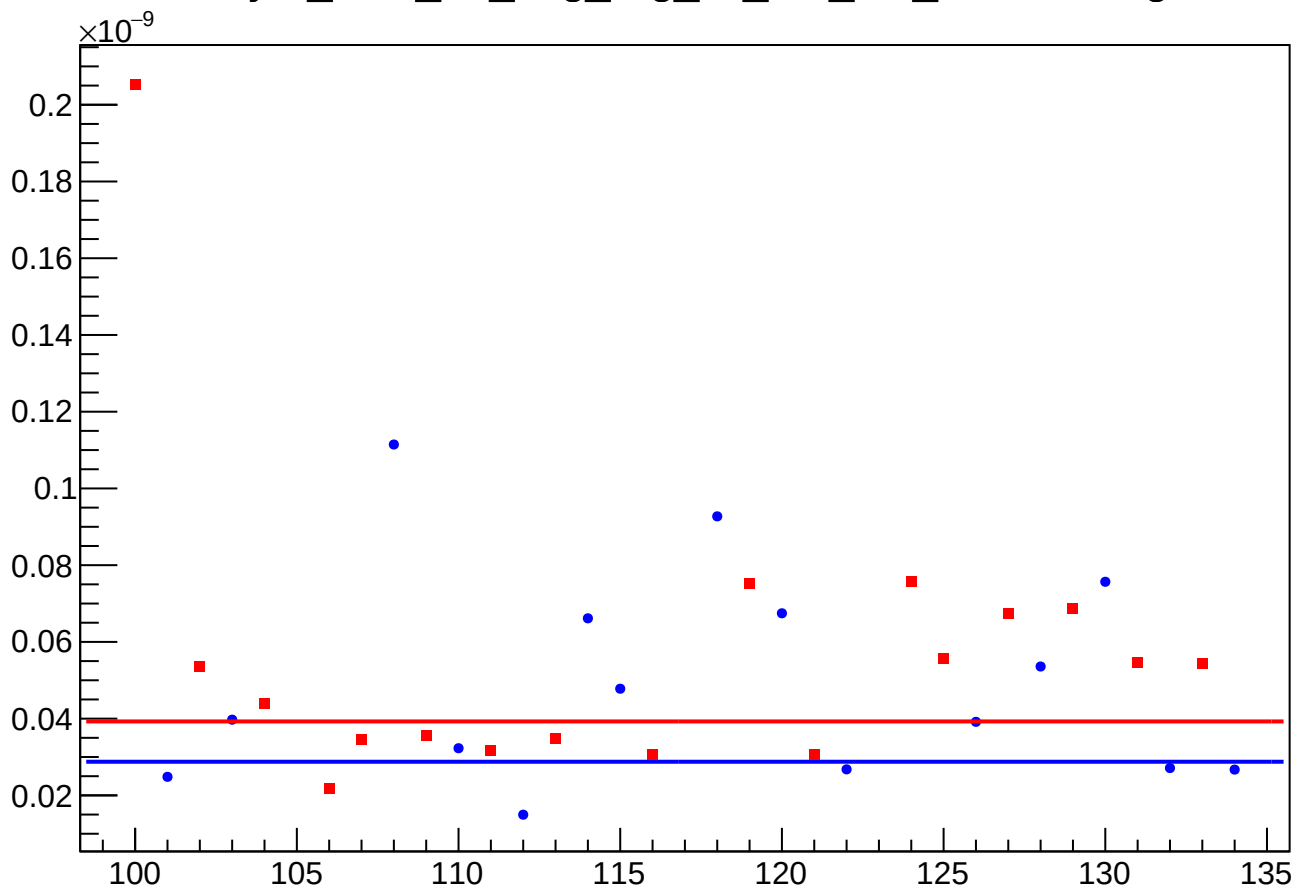
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 37.1/31

- 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 : 684986.2/16

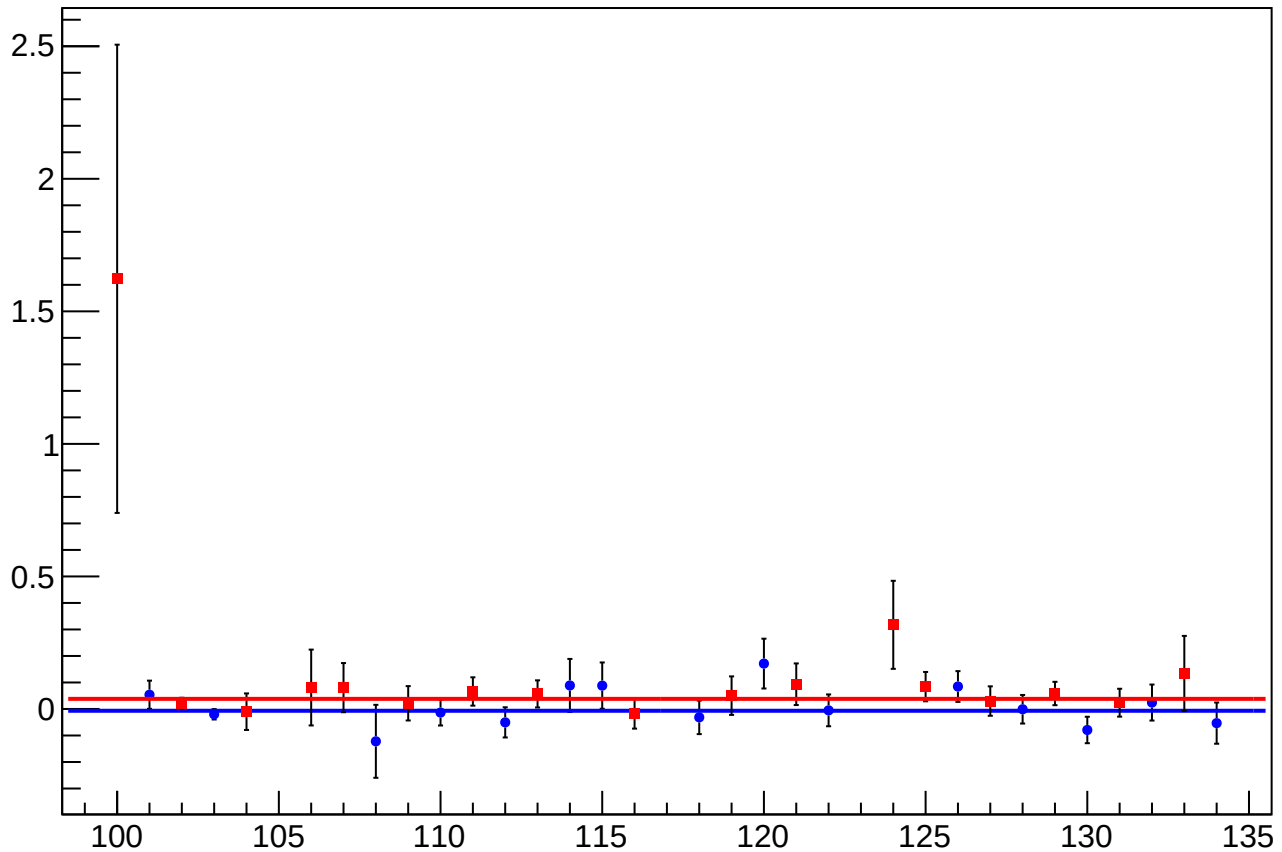
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2074326.3/31

- 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 $\pm$ 0.013 χ^2 /NDF: 14.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.038 $\pm$ 0.013 χ^2 /NDF: 10.9/16

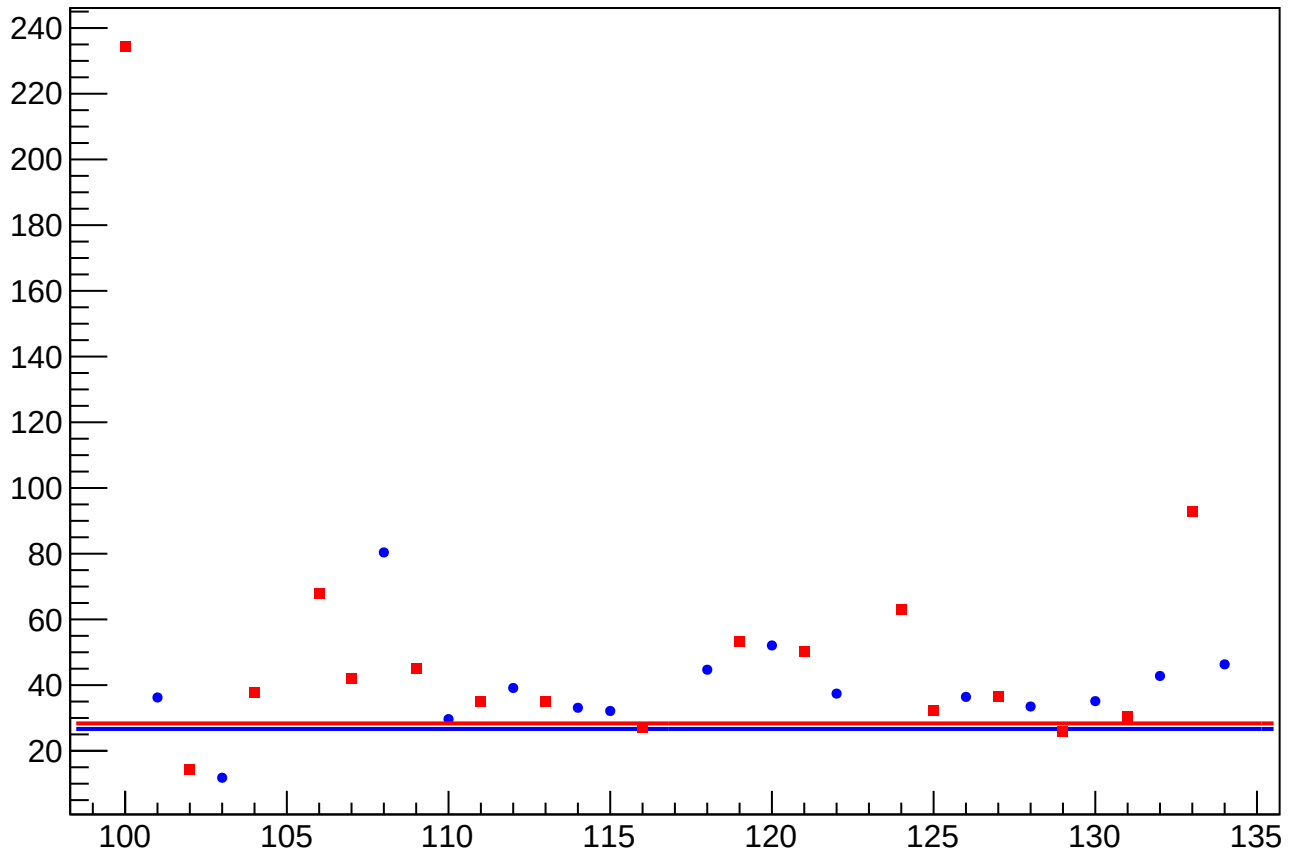
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.015 $\pm$ 0.009 χ^2 /NDF: 31.0/31

- sign 0.000 $\pm$ 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: 28.347+/-0.009 χ^2/NDF : 2353583.0/16

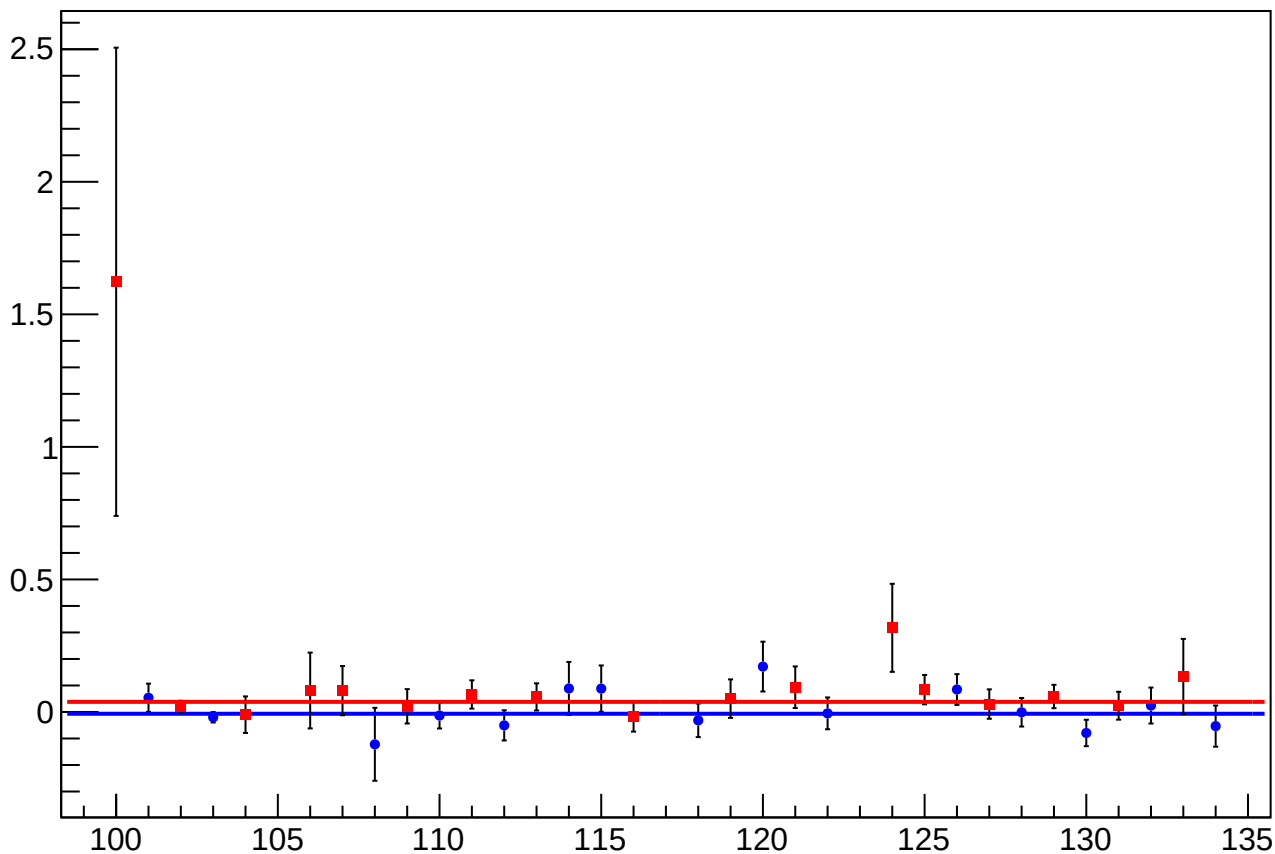
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.482+/-0.007 χ^2/NDF : 4764405.4/31

- 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 ± 0.013 χ^2/NDF : 14.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.038 ± 0.013 χ^2/NDF : 10.9/16

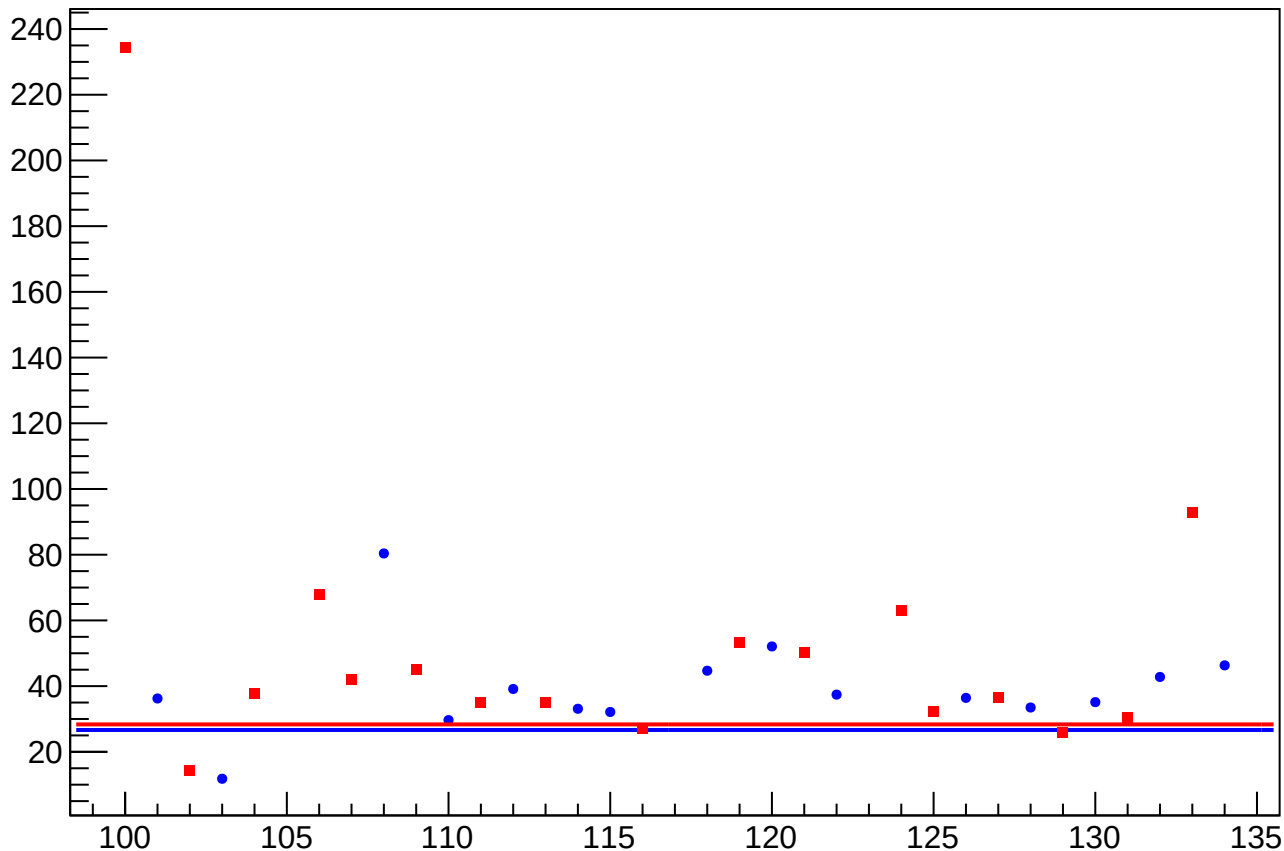
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.015 ± 0.009 χ^2/NDF : 31.0/31

- sign 0.000 ± 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: 28.347+/-0.009 χ^2/NDF : 2353583.0/16

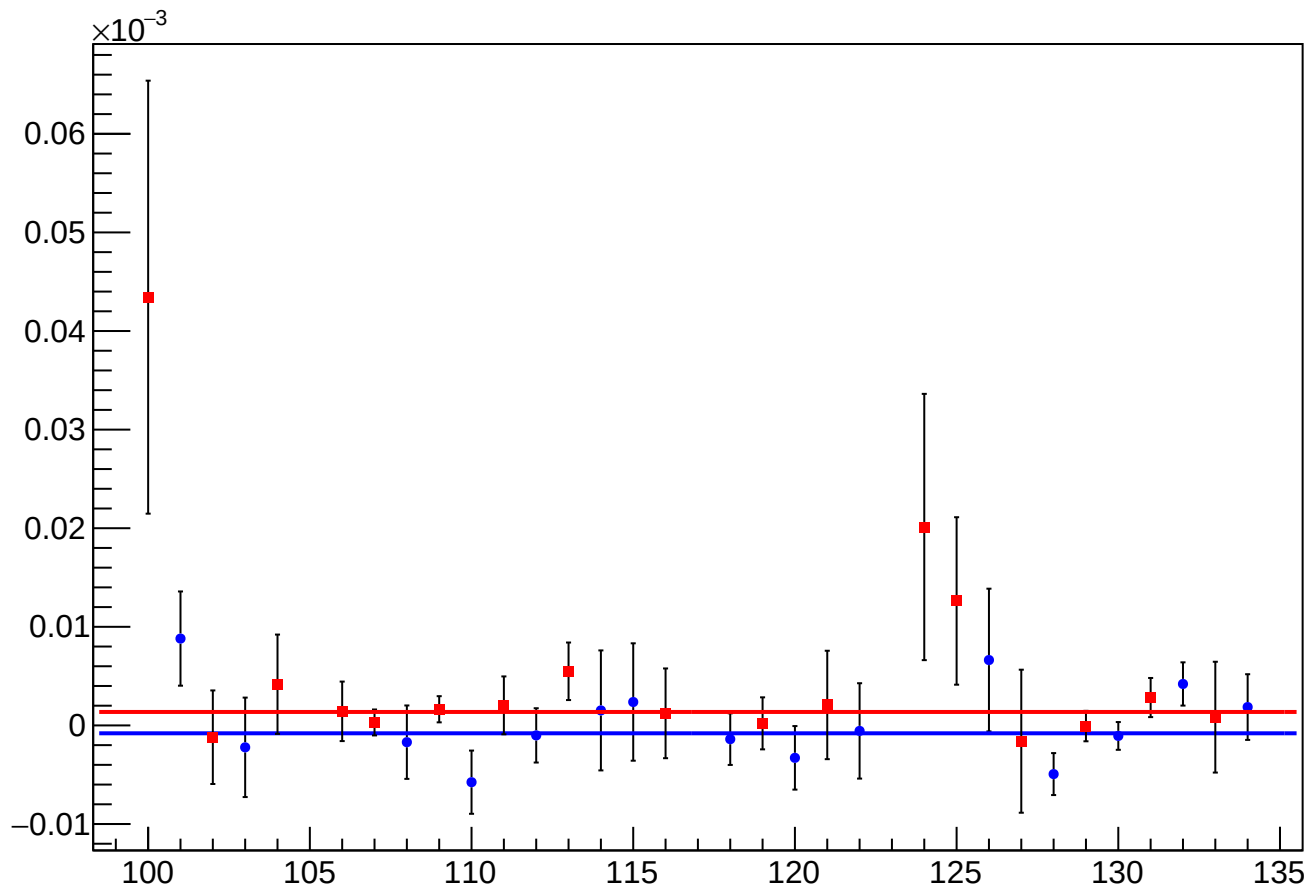
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.482+/-0.007 χ^2/NDF : 4764405.4/31

- 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: 12.5/16

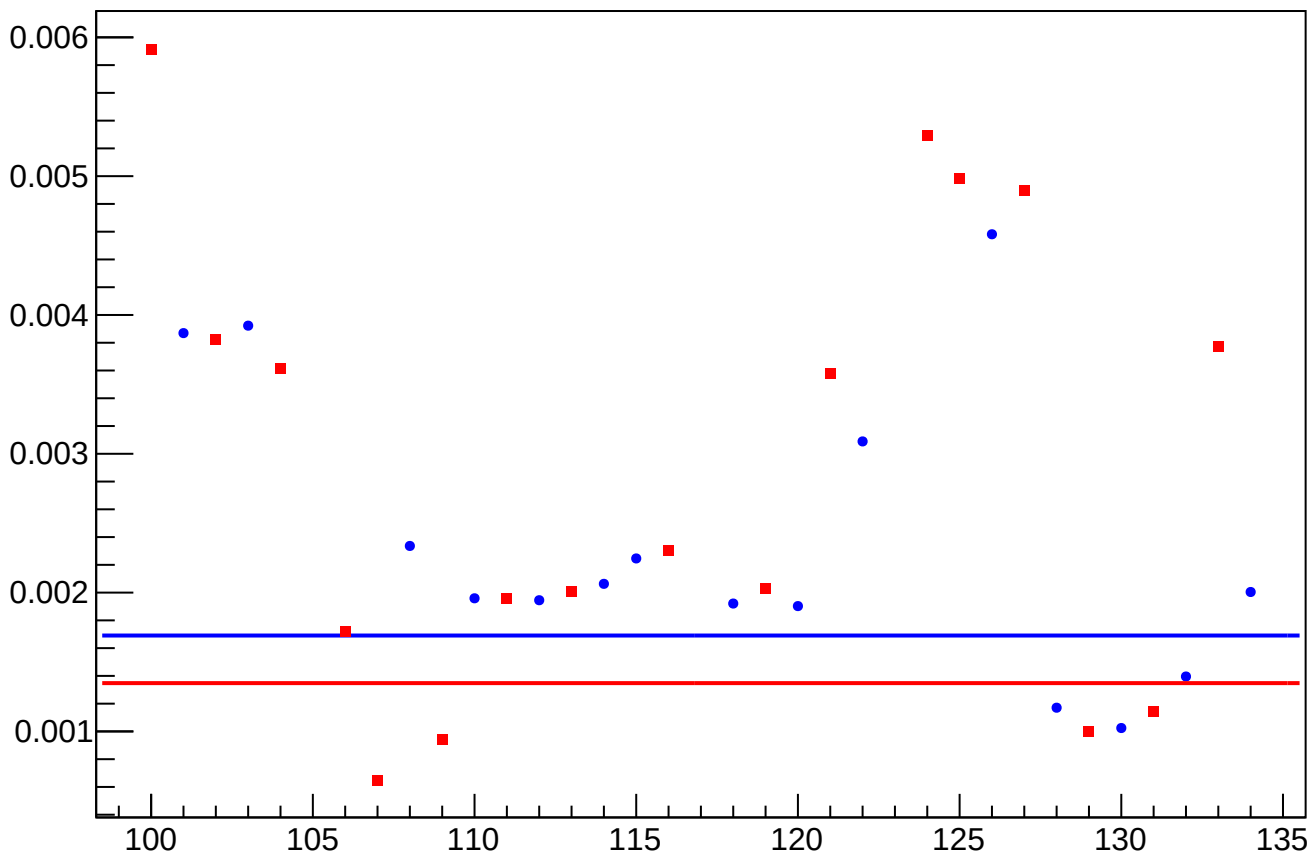
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 35.8/31

- 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 : 4074207.0/16

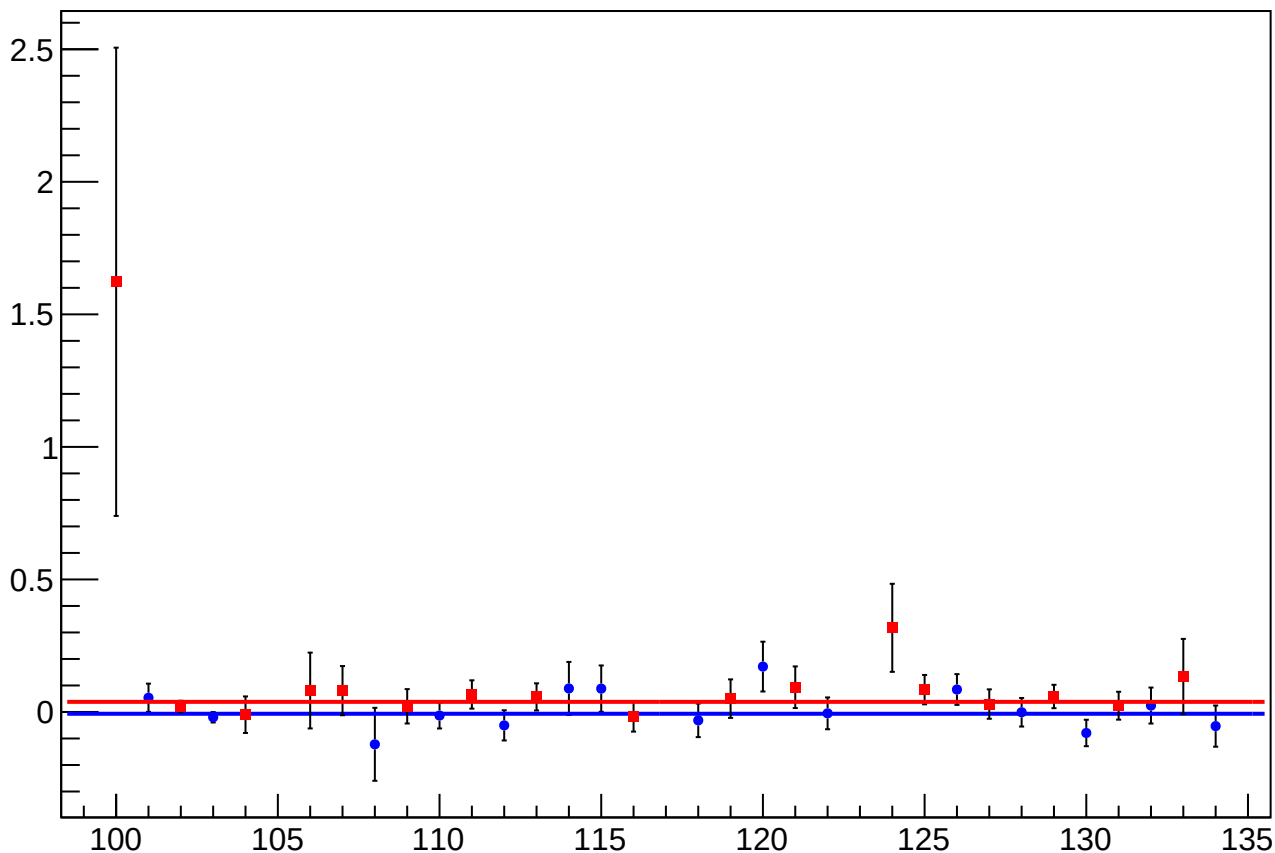
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6374834.5/31

- 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 $\pm$ 0.013 χ^2 /NDF: 14.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.038 $\pm$ 0.013 χ^2 /NDF: 10.9/16

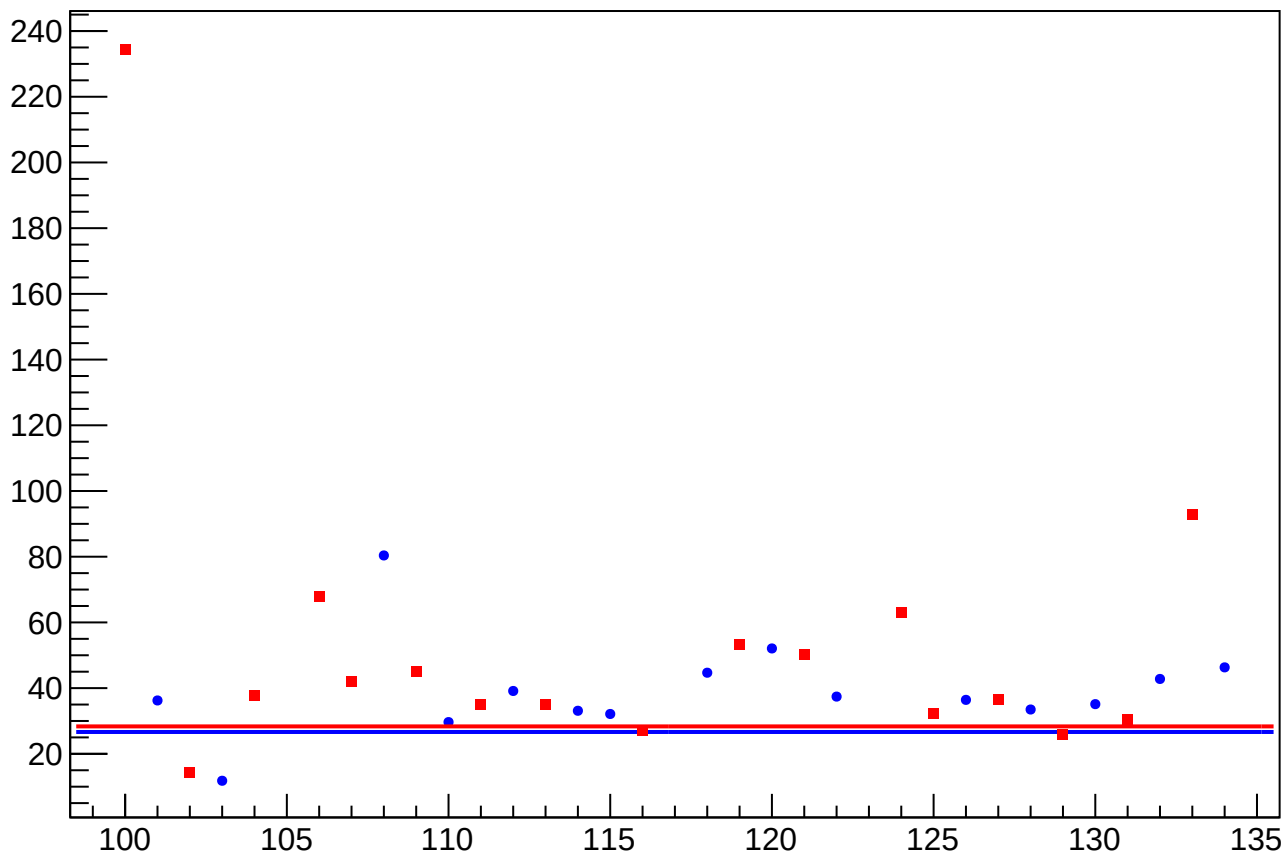
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.015 $\pm$ 0.009 χ^2 /NDF: 31.0/31

- sign 0.000 $\pm$ 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: 28.350+/-0.009 χ^2/NDF : 2353039.5/16

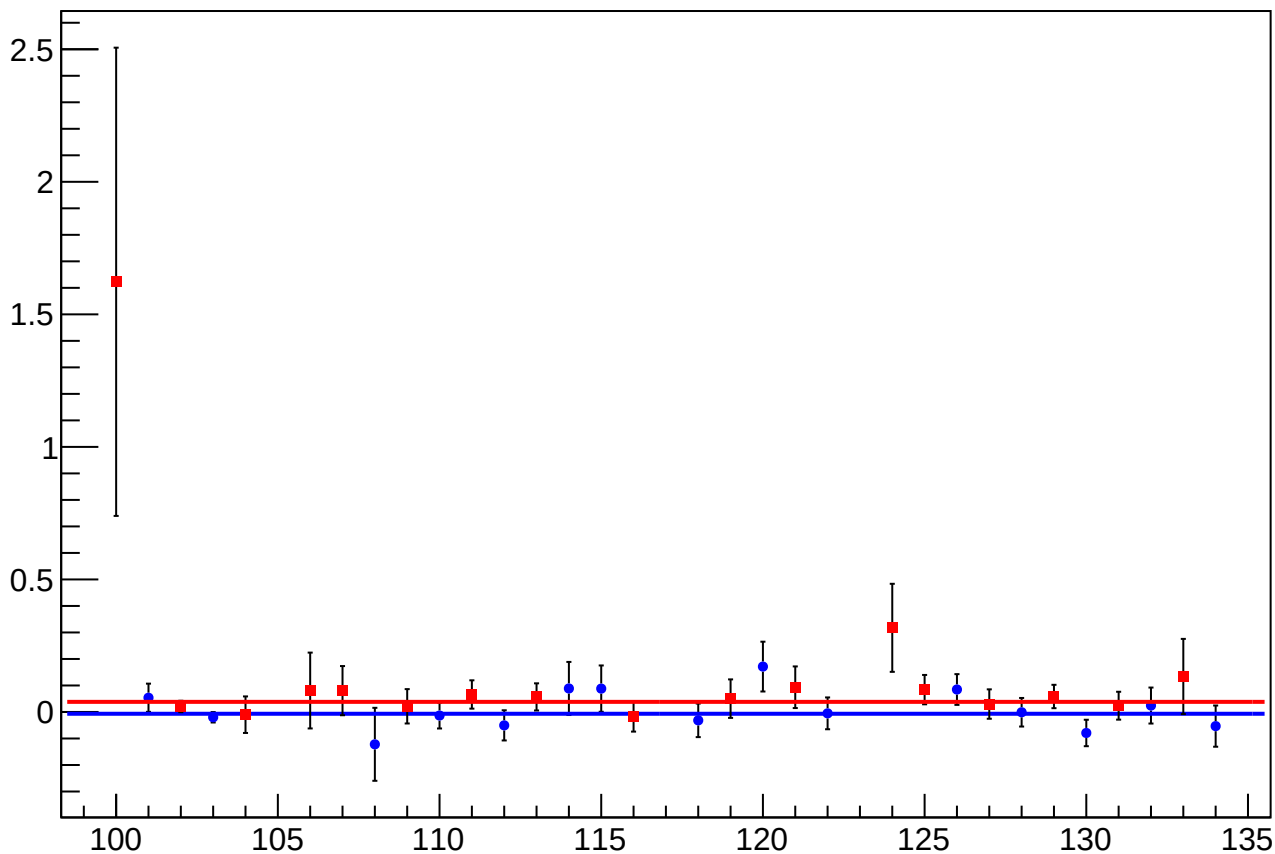
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.483+/-0.007 χ^2/NDF : 4764268.8/31

- 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+/-0.013 χ^2/NDF : 14.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.038+/-0.013 χ^2/NDF : 10.9/16

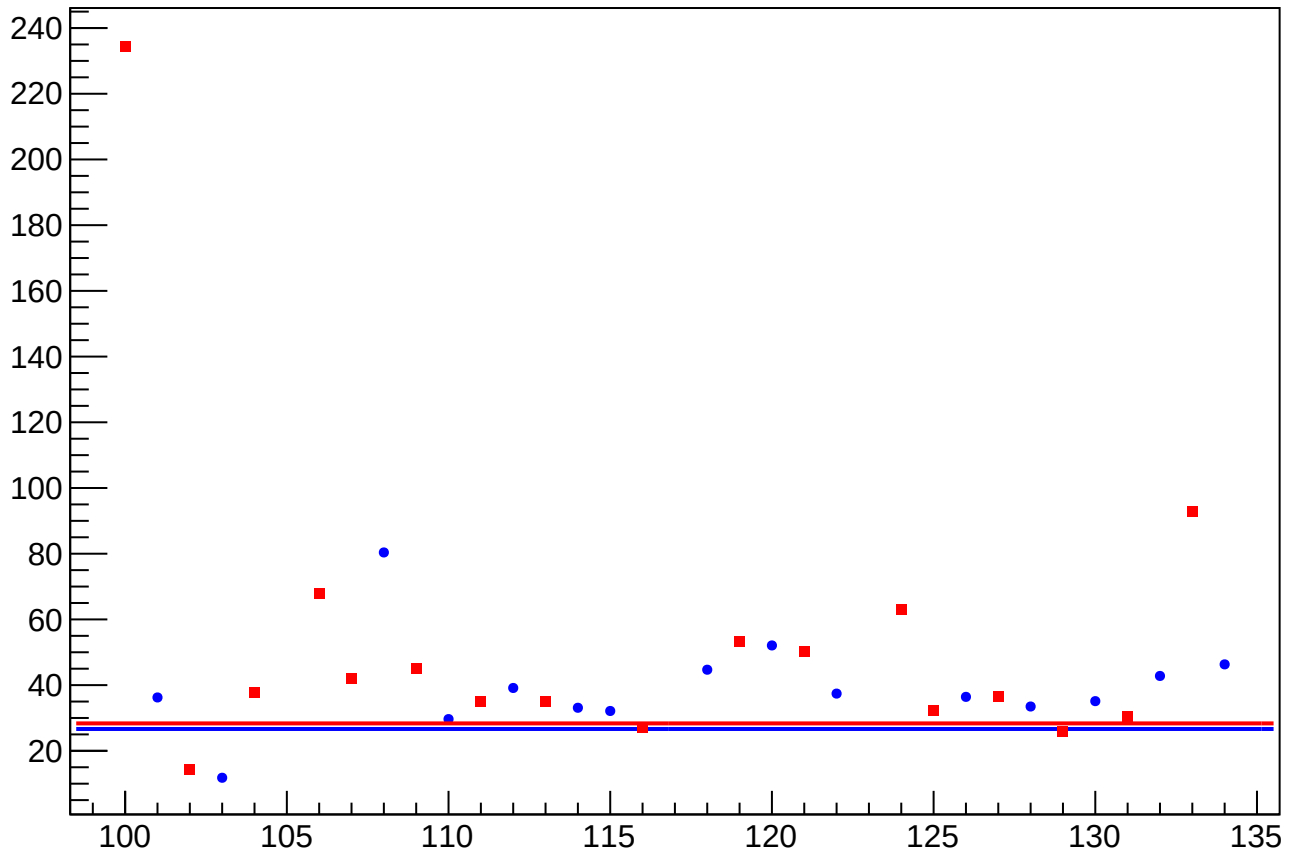
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.009 χ^2/NDF : 31.0/31

- sign 0.000+/-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: 28.350+/-0.009 χ^2/NDF : 2353039.5/16

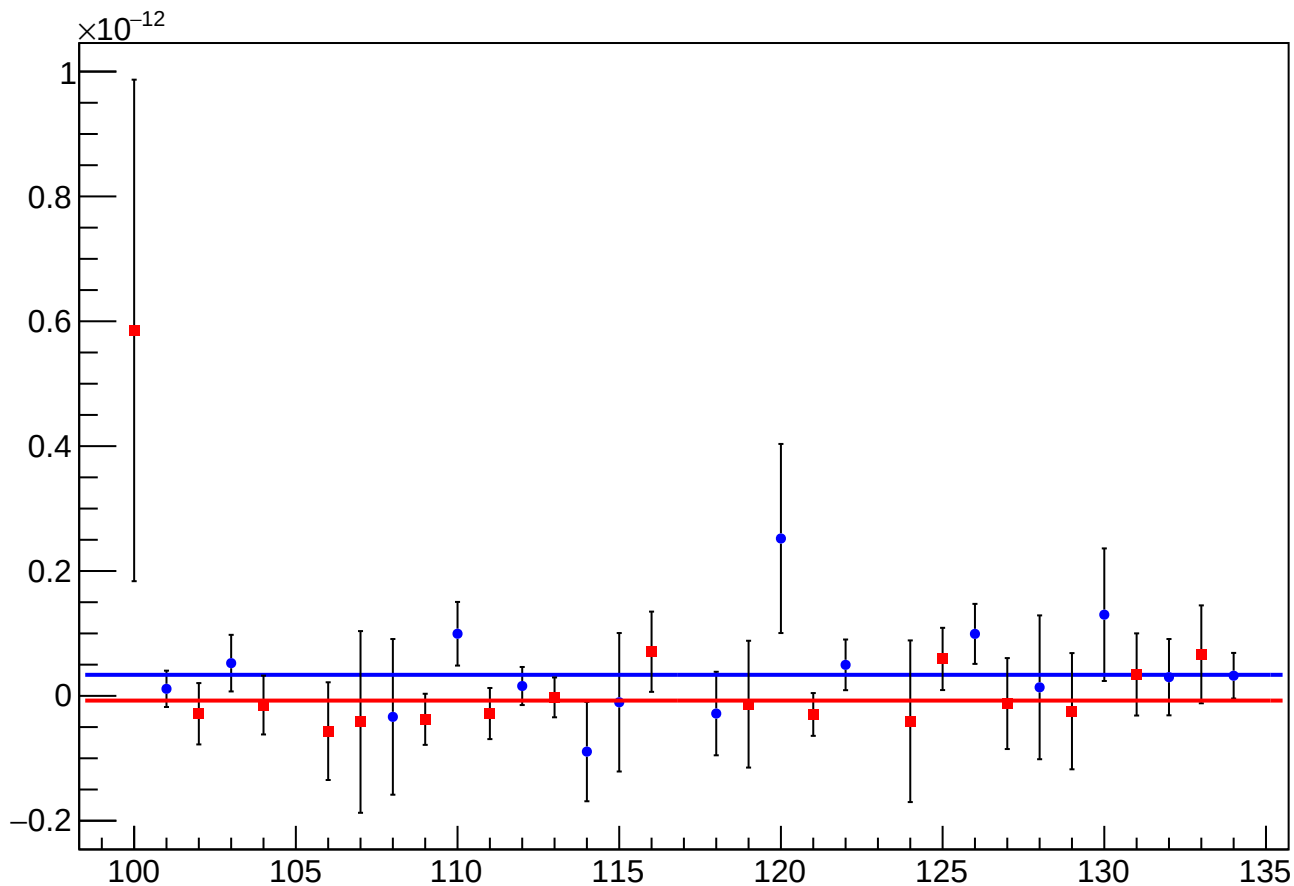
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.483+/-0.007 χ^2/NDF : 4764268.8/31

- 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 : 8.8/16

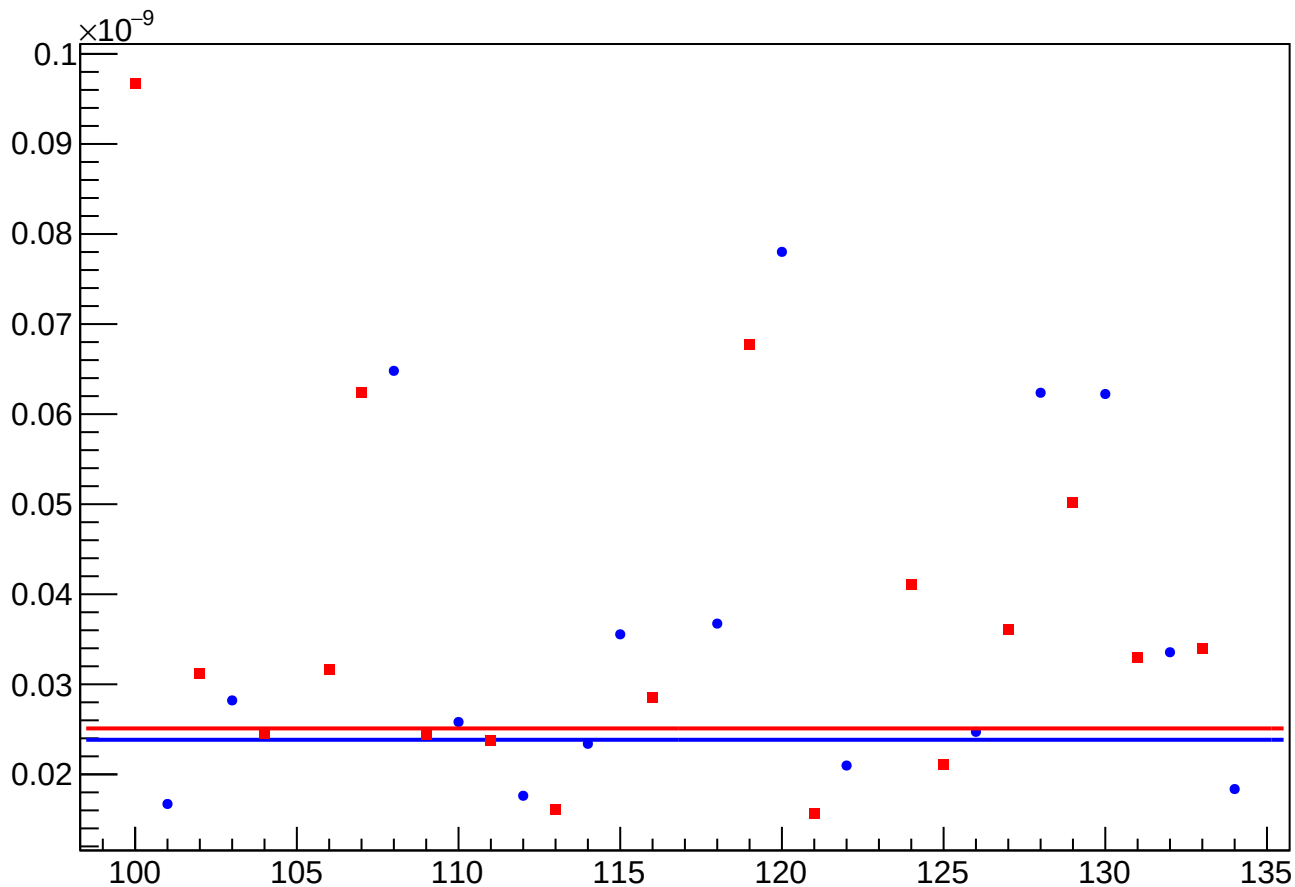
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 25.1/31

- 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 : 1201393.4/16

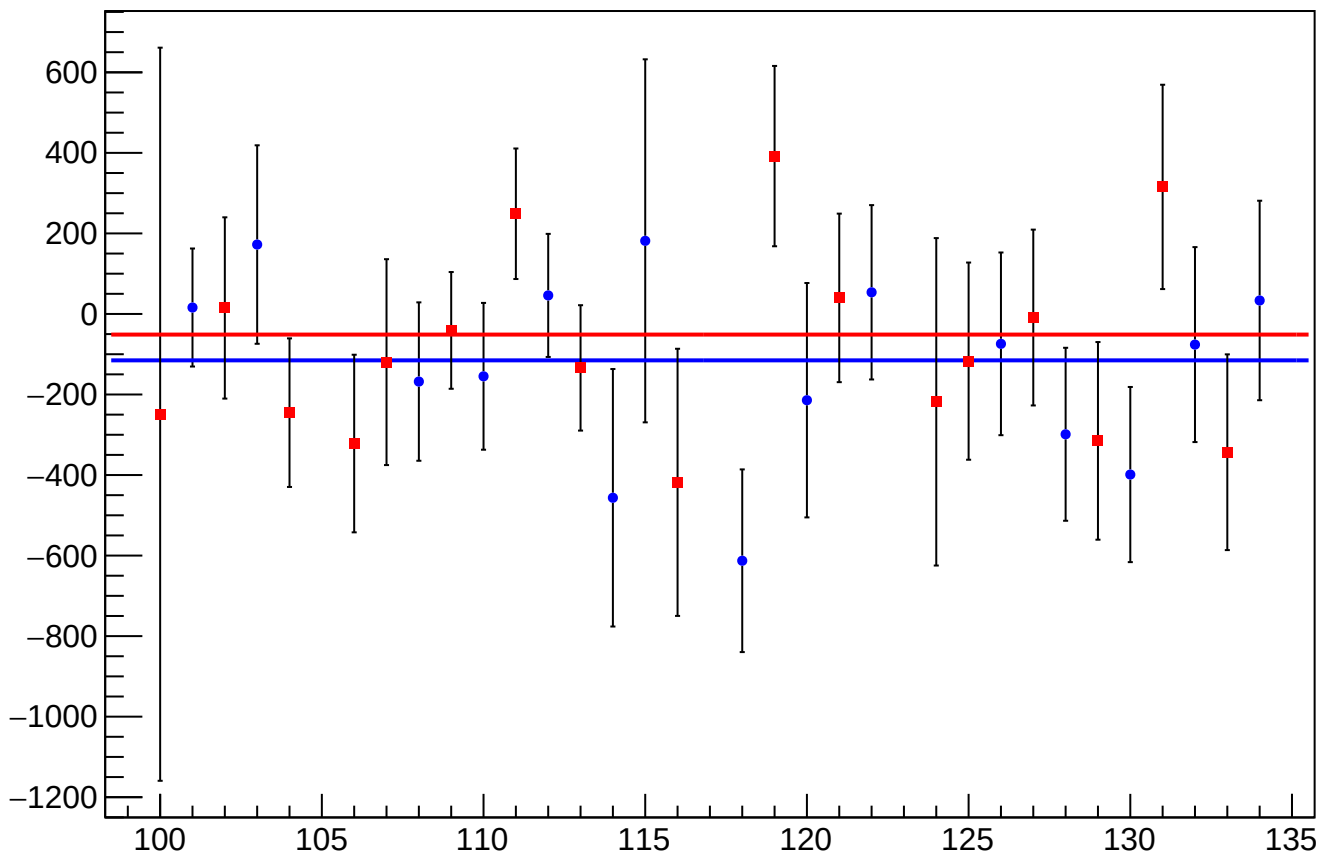
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2595260.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_mean vs Slug



Right In: -115.226+/-55.495 χ^2/NDF : 13.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -51.228+/-52.869 χ^2/NDF : 16.8/16

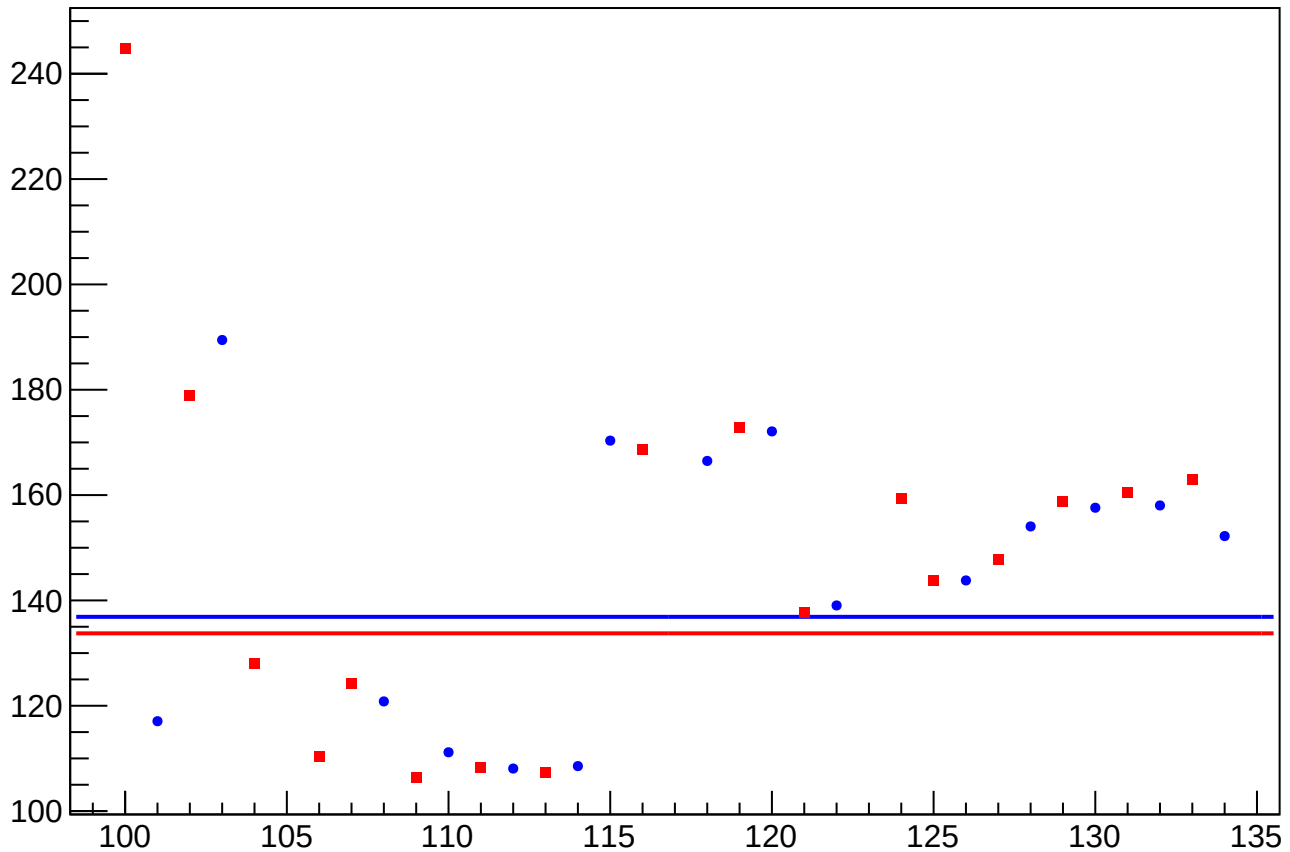
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -81.677+/-38.279 χ^2/NDF : 30.9/31

- sign 0.000+/-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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

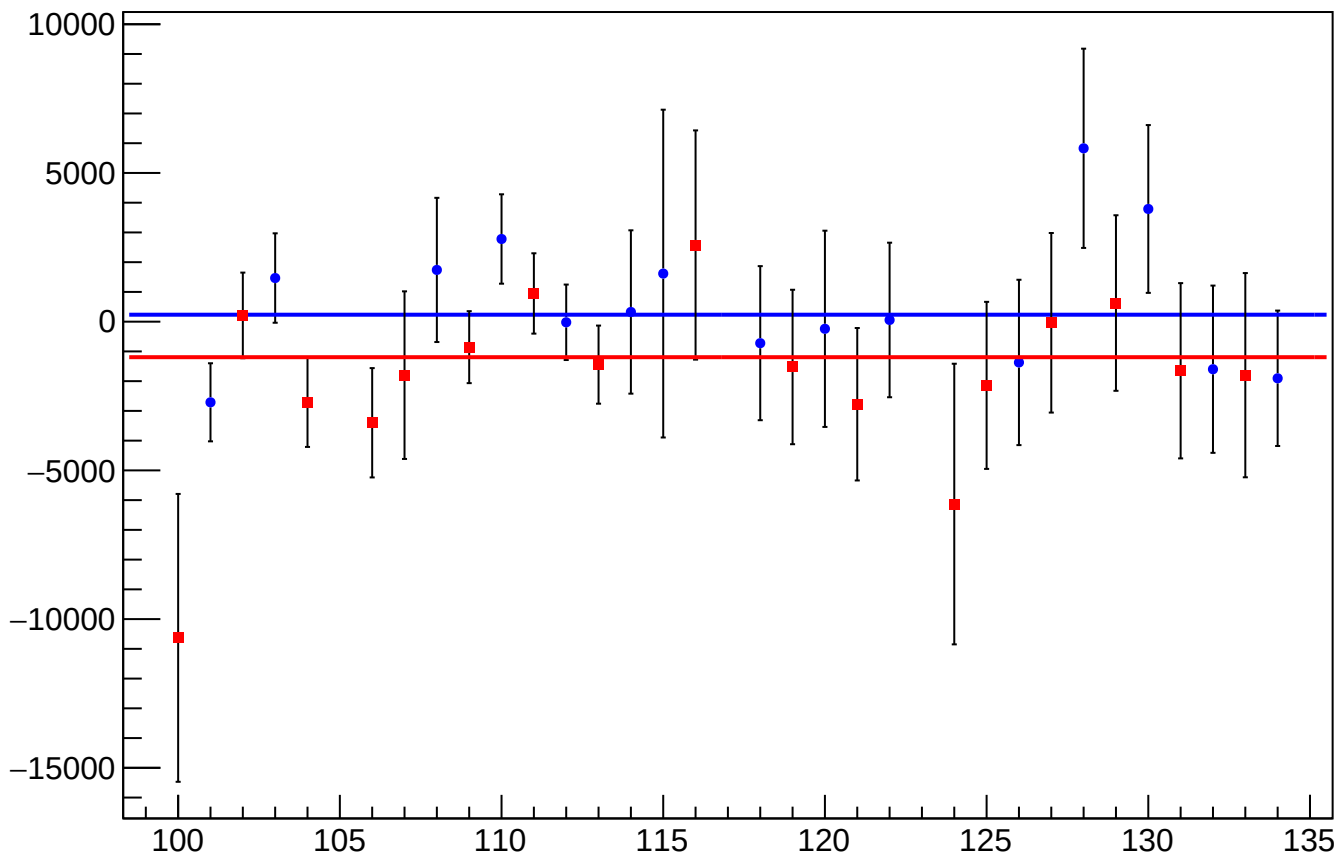
Right Out: 133.750 $\pm$ 0.037 χ^2 /NDF: 491027.5/16

All: 135.240 $\pm$ 0.027 χ^2 /NDF: 892097.1/31

- 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_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: -1194.254+/-490.182 χ^2/NDF : 13.0/16

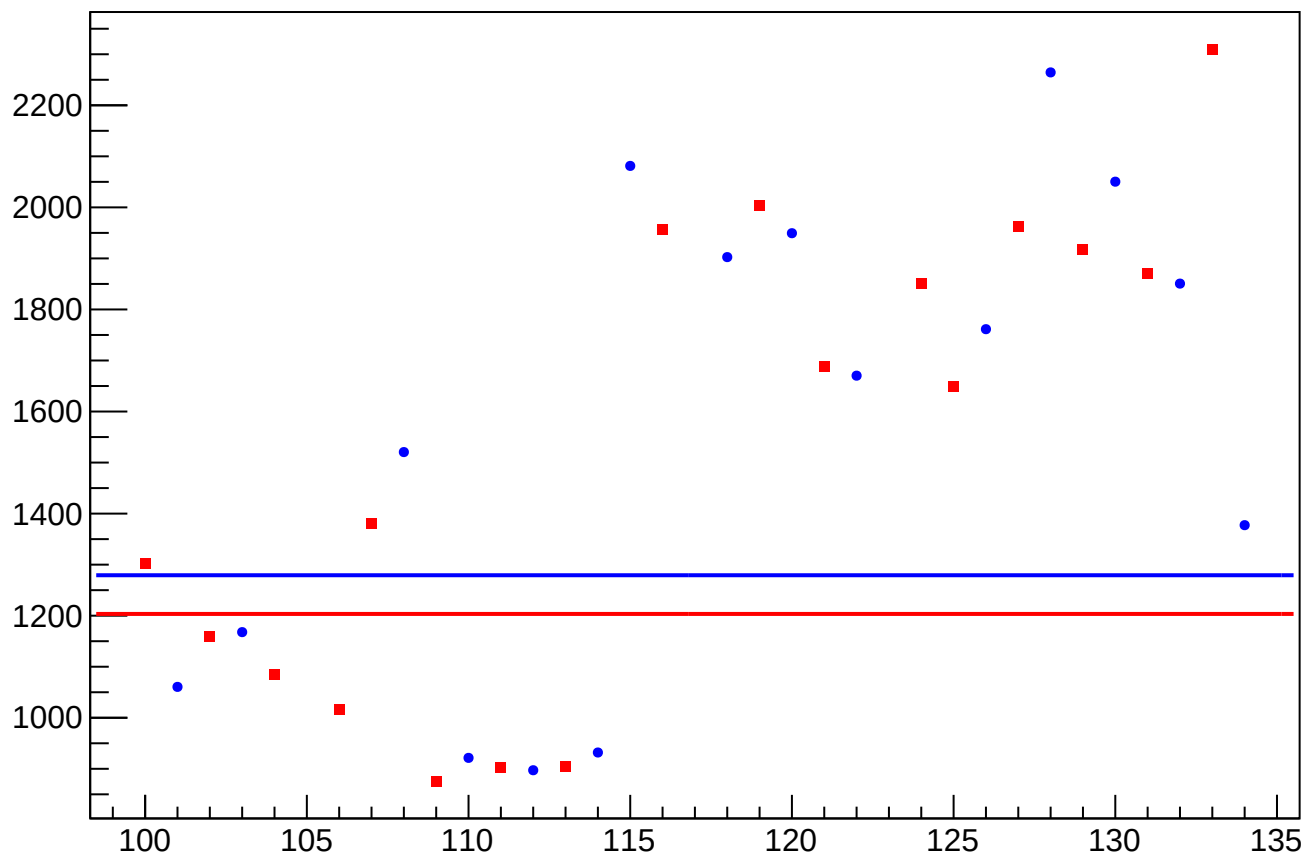
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -544.291+/-361.844 χ^2/NDF : 32.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_reg_correction_rms vs Slug



Right In: 1279.248+/-0.379 χ^2/NDF : 1168166.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

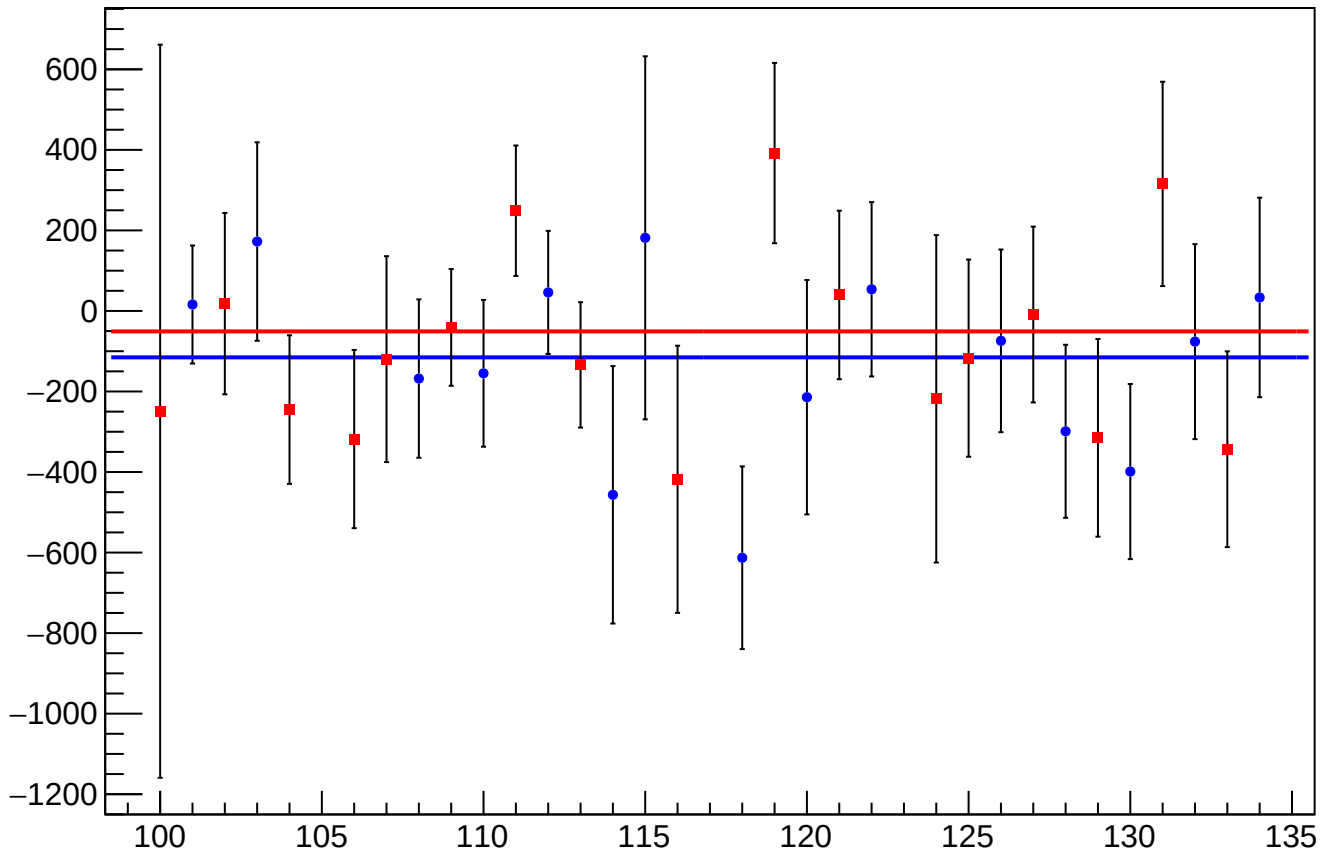
Right Out: 1203.429+/-0.347 χ^2/NDF : 1372891.5/16

All: 1237.934+/-0.256 χ^2/NDF : 2562833.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -50.738 $\pm$ 52.880 χ^2 /NDF: 16.8/16

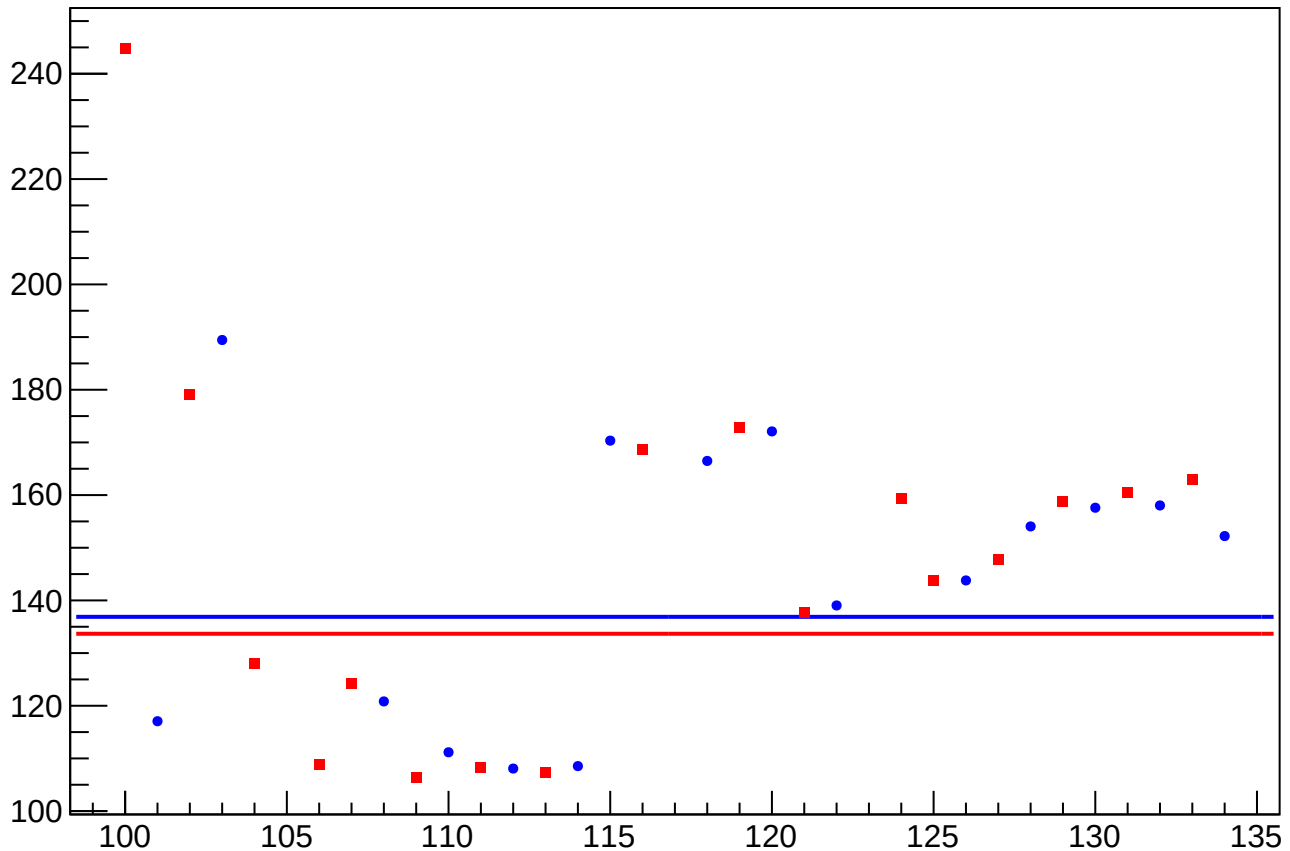
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -81.434 $\pm$ 38.283 χ^2 /NDF: 30.9/31

- 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: 133.669 $\pm$ 0.037 χ^2 /NDF: 494245.3/16

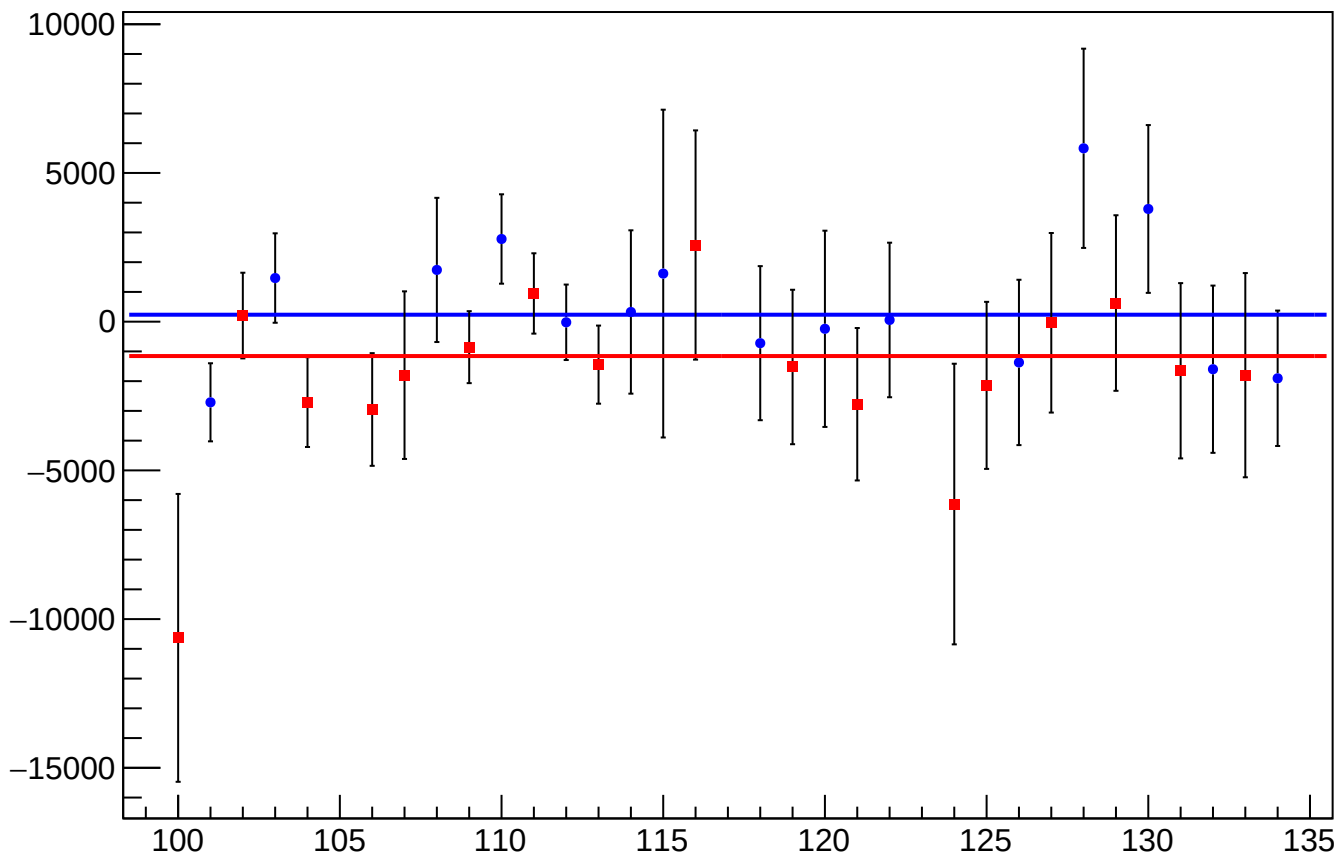
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 135.198 $\pm$ 0.027 χ^2 /NDF: 895492.2/31

- 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: -1155.877+/-491.241 χ^2/NDF : 12.4/16

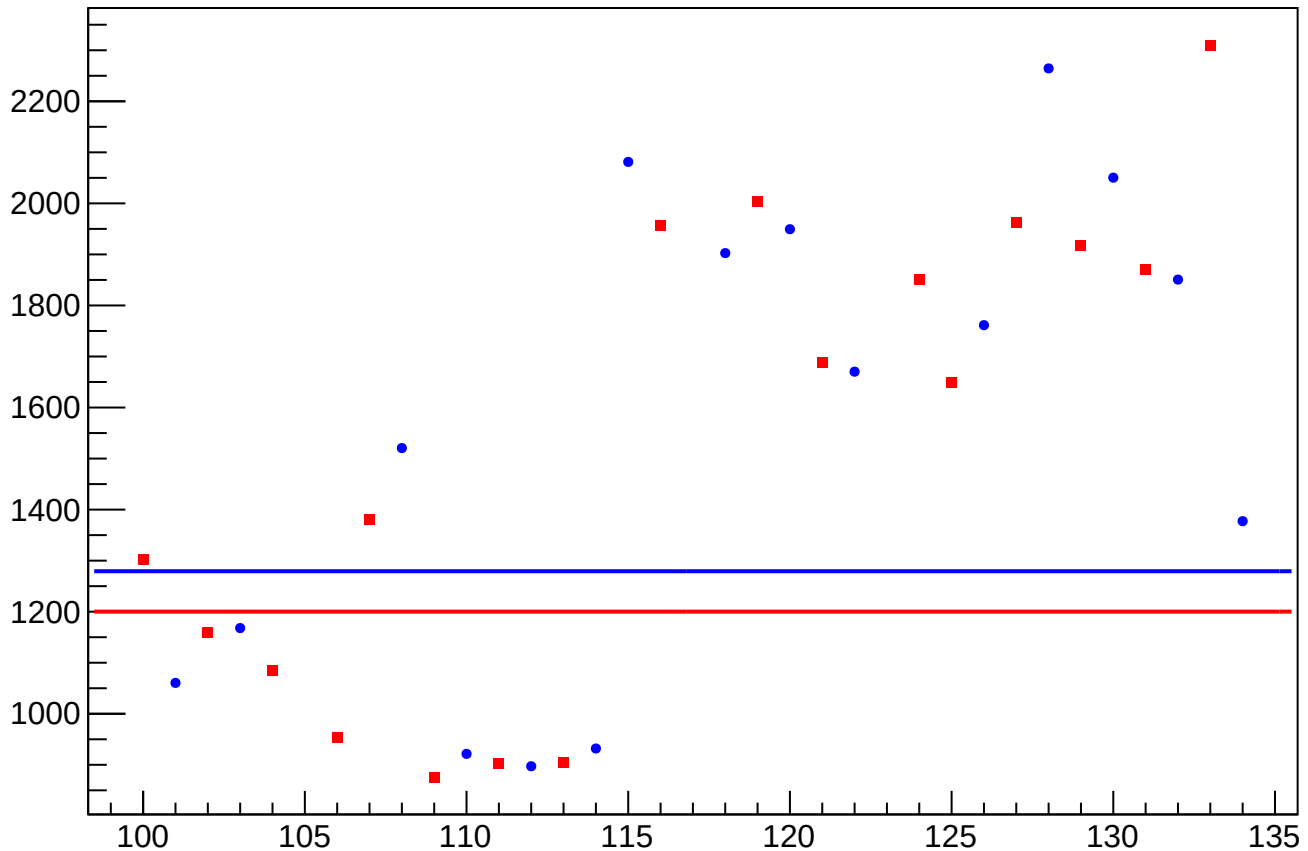
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -521.931+/-362.271 χ^2/NDF : 31.3/31

- 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

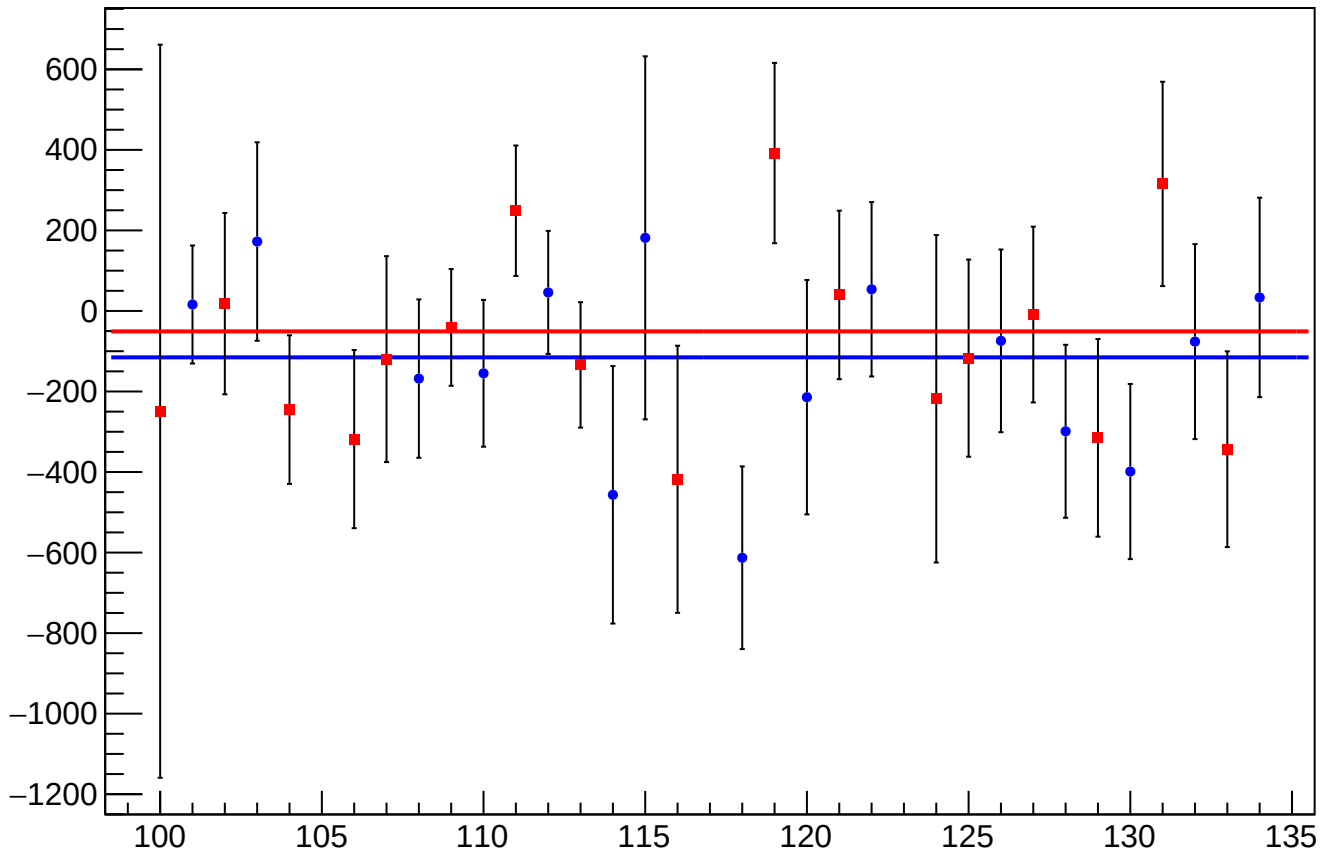
Right Out: 1200.134+/-0.347 χ^2/NDF : 1386585.8/16

All: 1236.229+/-0.256 χ^2/NDF : 2578400.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_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: -50.738 $\pm$ 52.880 χ^2 /NDF: 16.8/16

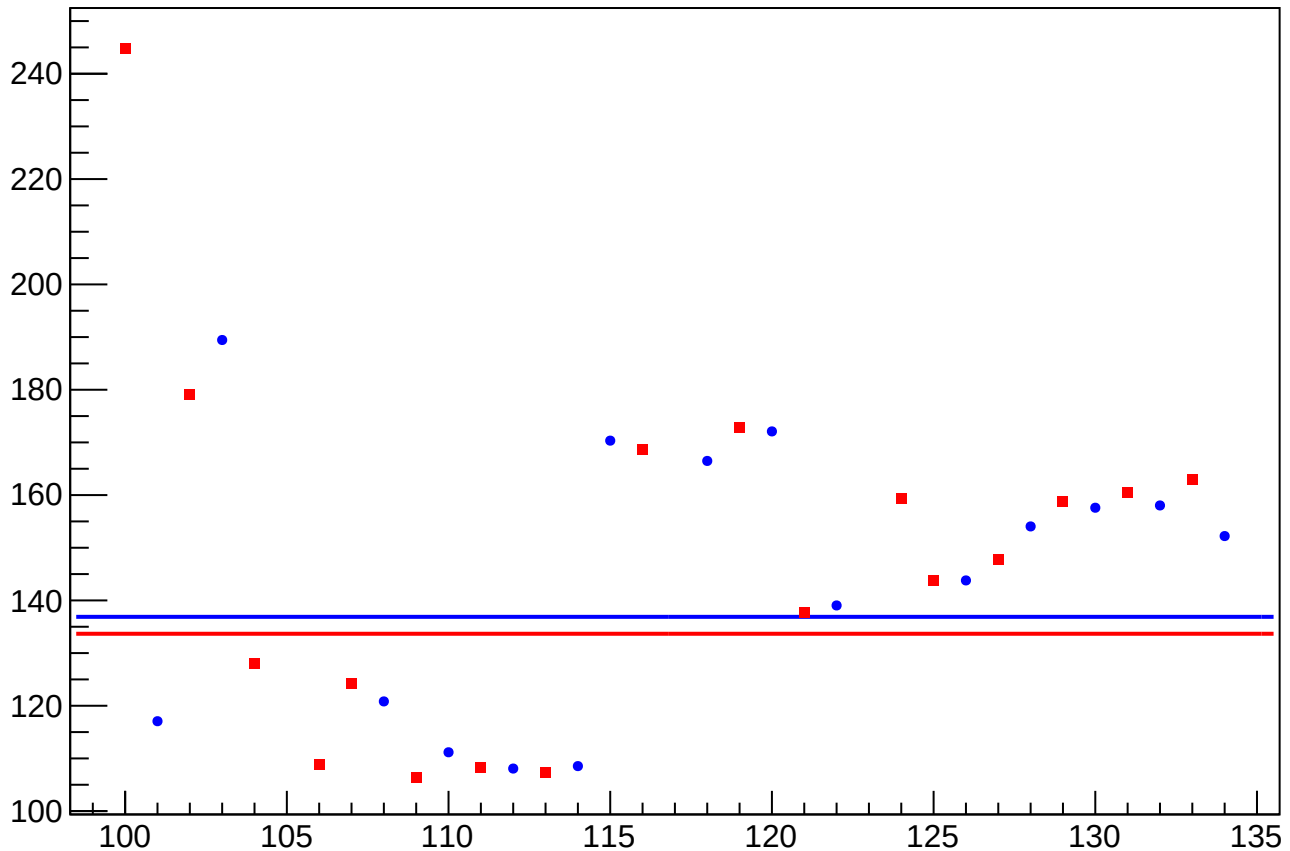
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -81.434 $\pm$ 38.283 χ^2 /NDF: 30.9/31

- 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: 133.669+/-0.037 χ^2/NDF : 494245.3/16

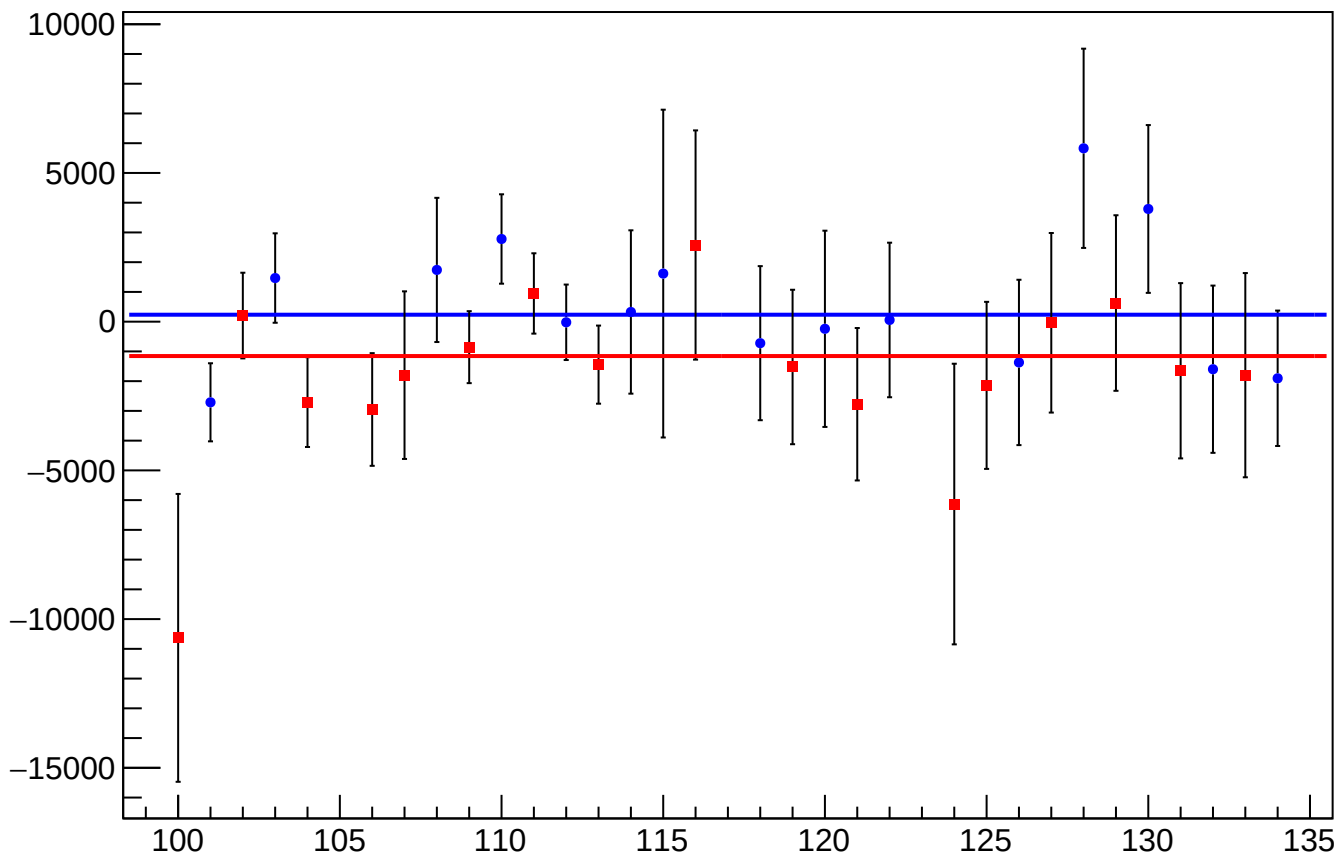
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.198+/-0.027 χ^2/NDF : 895492.2/31

- 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: -1155.877+/-491.241 χ^2/NDF : 12.4/16

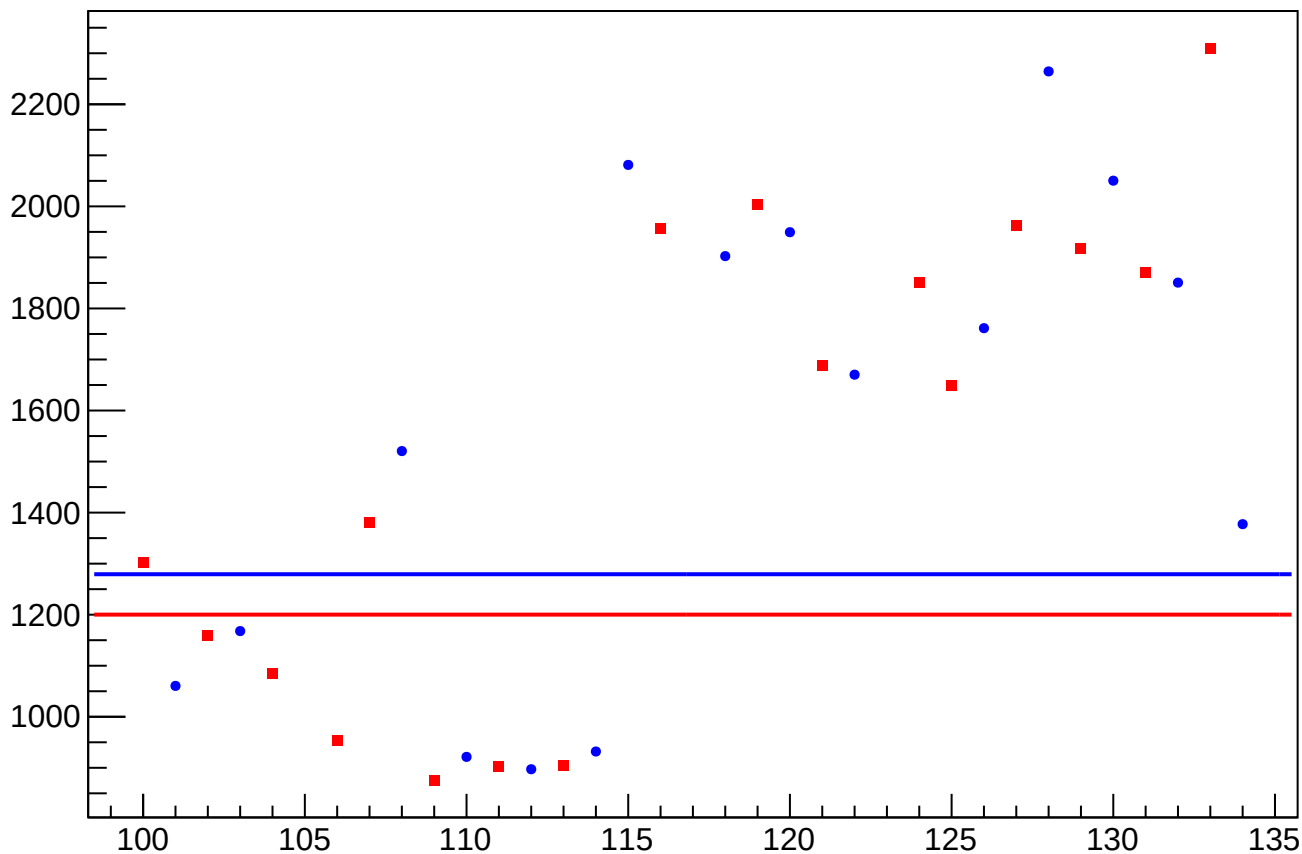
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -521.931+/-362.271 χ^2/NDF : 31.3/31

- 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

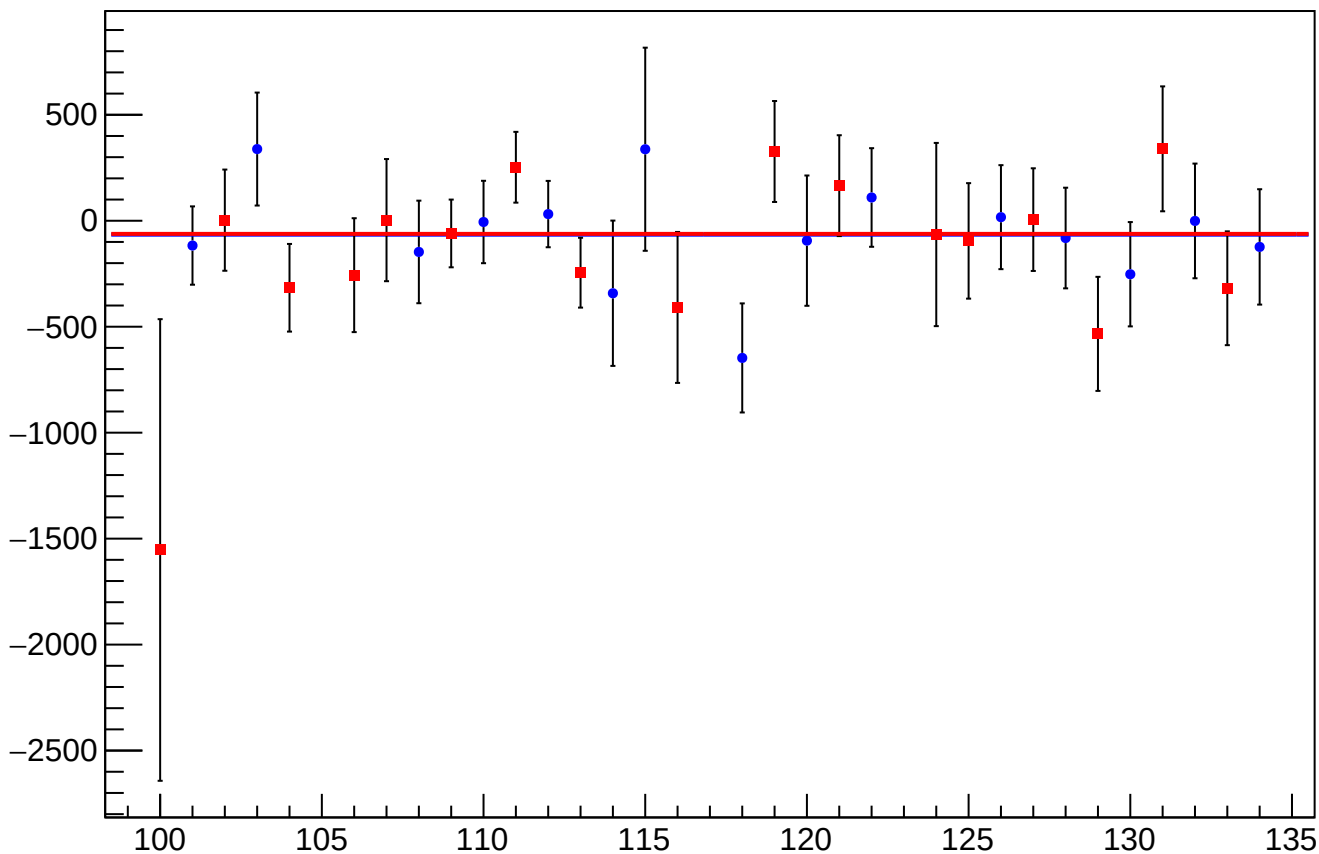
Right Out: 1200.134+/-0.347 χ^2/NDF : 1386585.8/16

All: 1236.229+/-0.256 χ^2/NDF : 2578400.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -61.980 ± 57.957 χ^2/NDF : 19.3/16

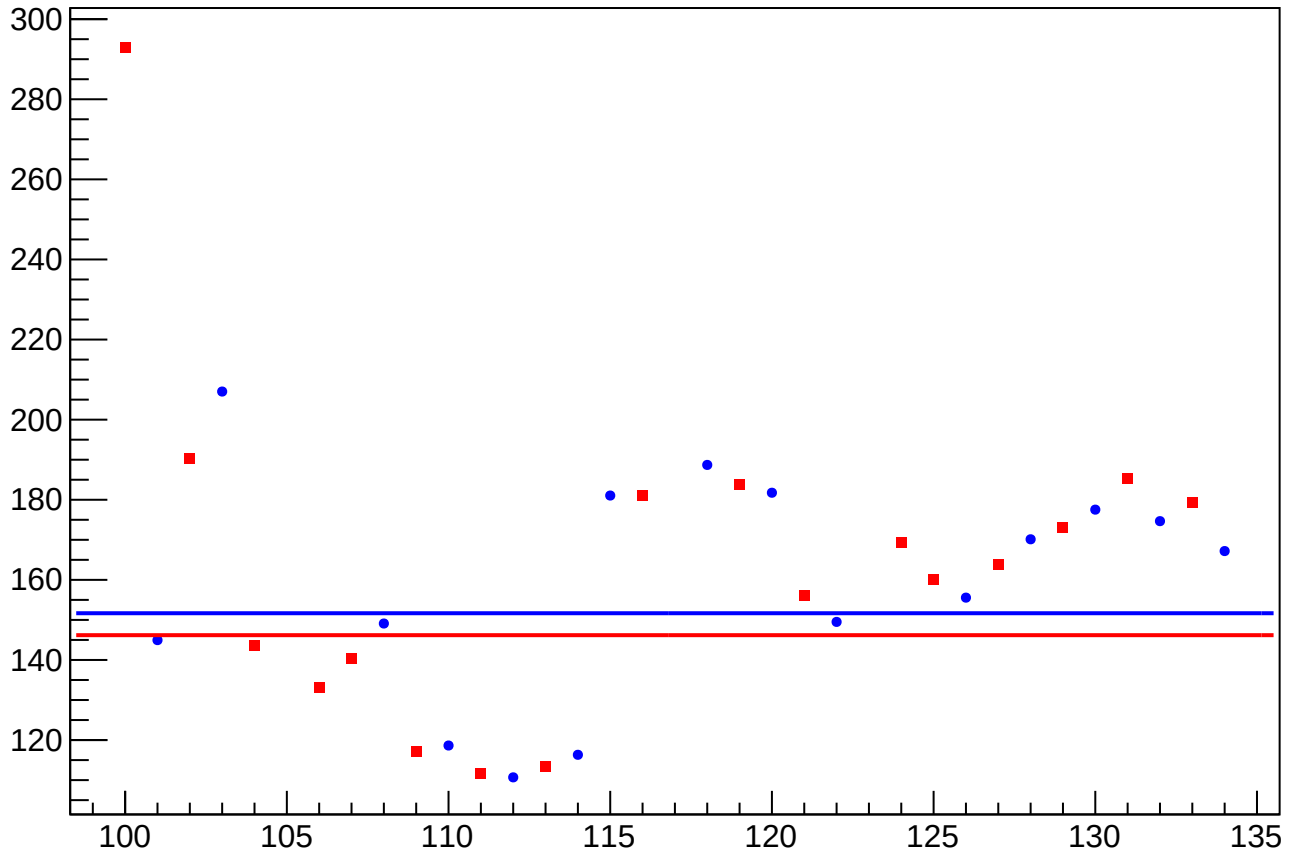
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -63.677 ± 42.241 χ^2/NDF : 30.1/31

- sign 0.000 ± 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: 146.190 $\pm$ 0.041 χ^2 /NDF: 521459.7/16

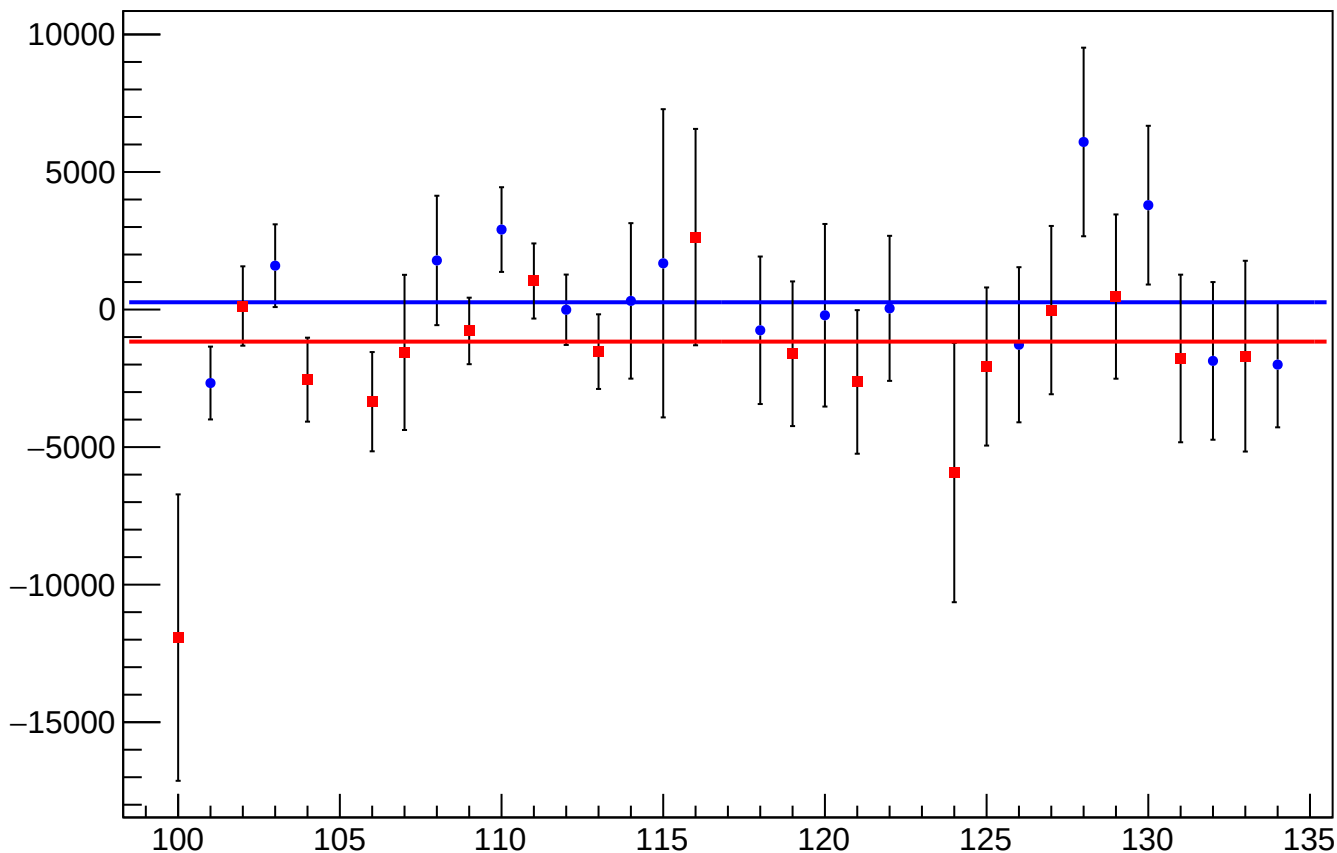
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 148.758 $\pm$ 0.030 χ^2 /NDF: 958908.3/31

- 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: -1165.519+/-495.337 χ^2/NDF : 13.1/16

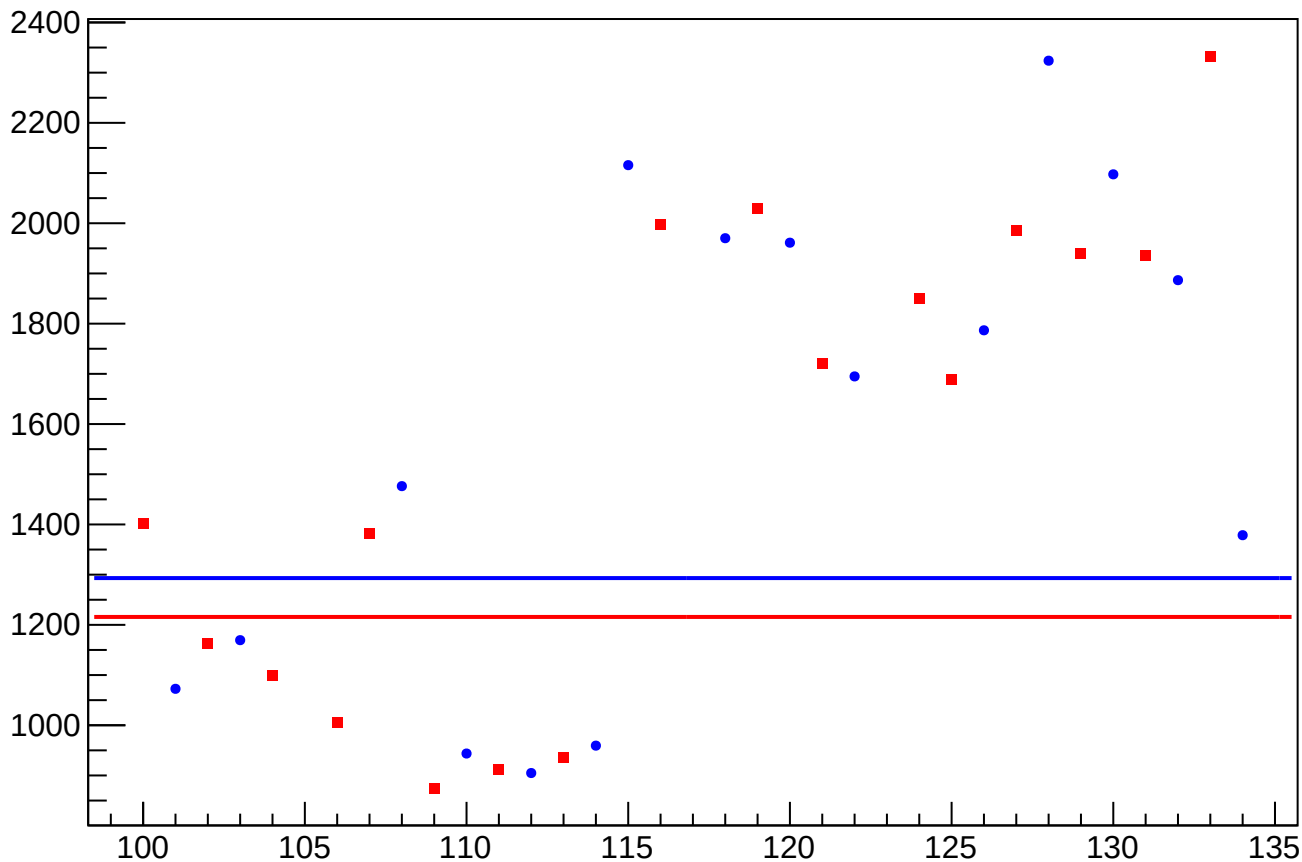
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -514.570+/-365.678 χ^2/NDF : 32.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_dit_correction_rms vs Slug



Right In: 1293.175 $\pm$ 0.383 χ^2 /NDF: 1180731.5/14

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

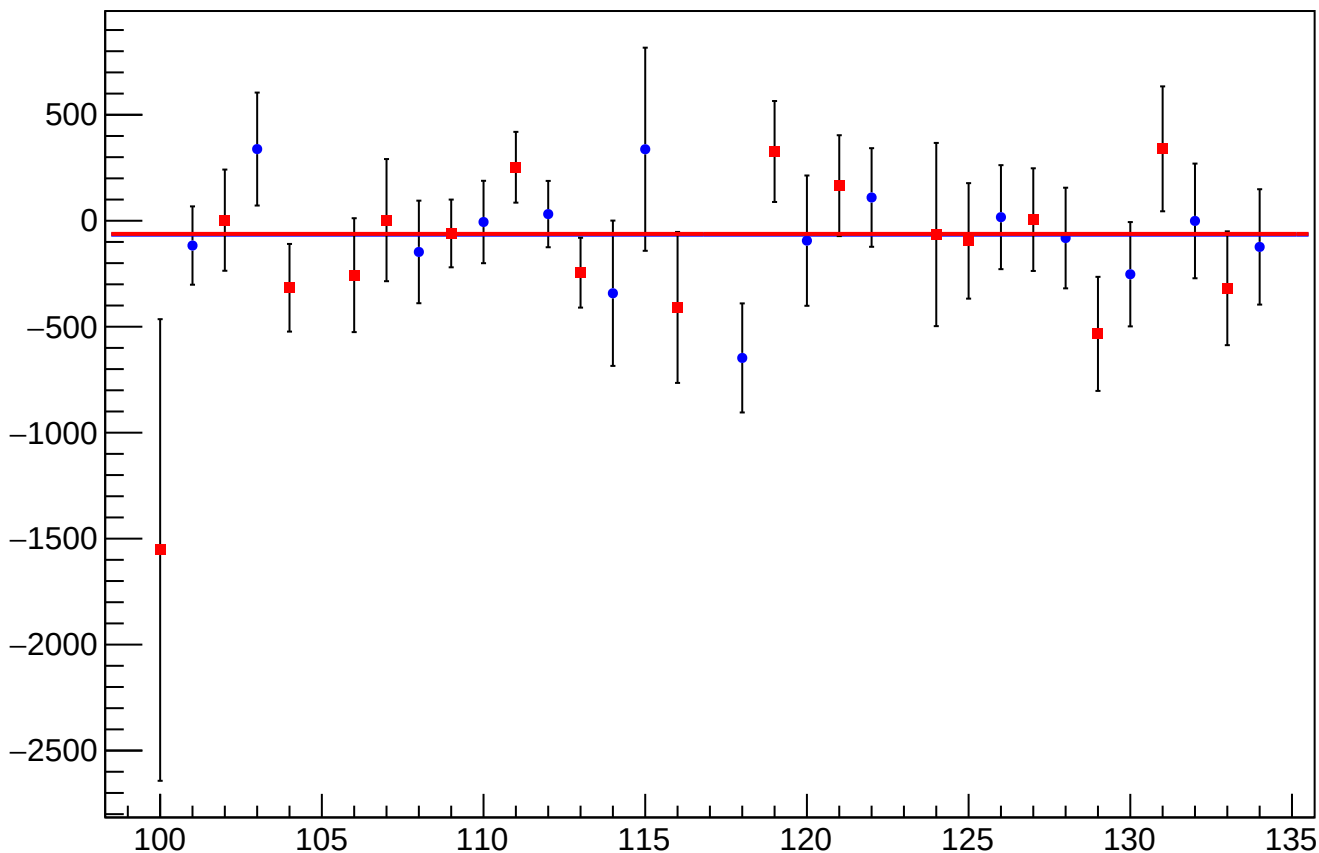
Right Out: 1215.765 $\pm$ 0.350 χ^2 /NDF: 1393446.6/16

All: 1250.987 $\pm$ 0.259 χ^2 /NDF: 2596402.7/31

- 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_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: -61.978 ± 57.957 χ^2/NDF : 19.3/16

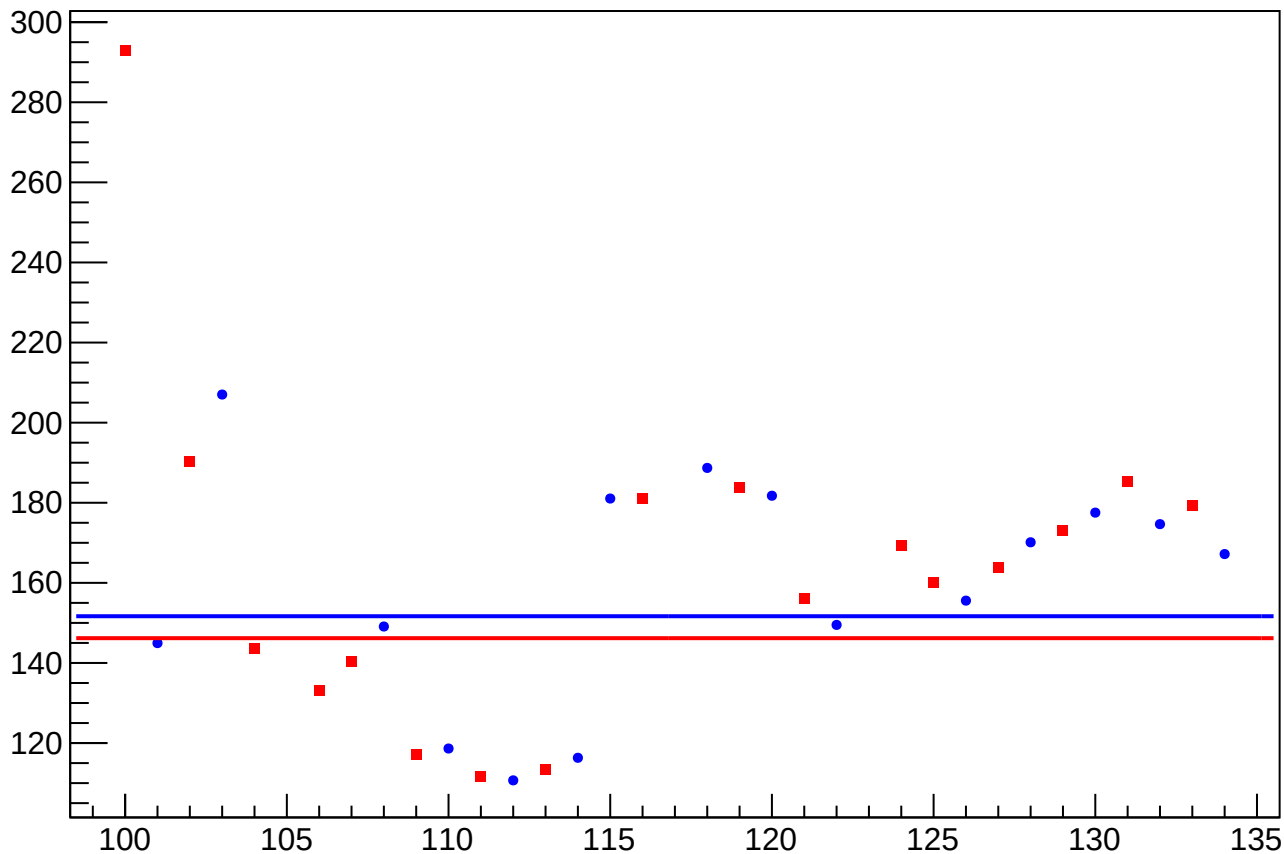
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -63.676 ± 42.241 χ^2/NDF : 30.1/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_48_avg_rms vs Slug



Right In: 151.669 $\pm$ 0.044 χ^2 /NDF: 429071.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 146.189 $\pm$ 0.041 χ^2 /NDF: 521462.2/16

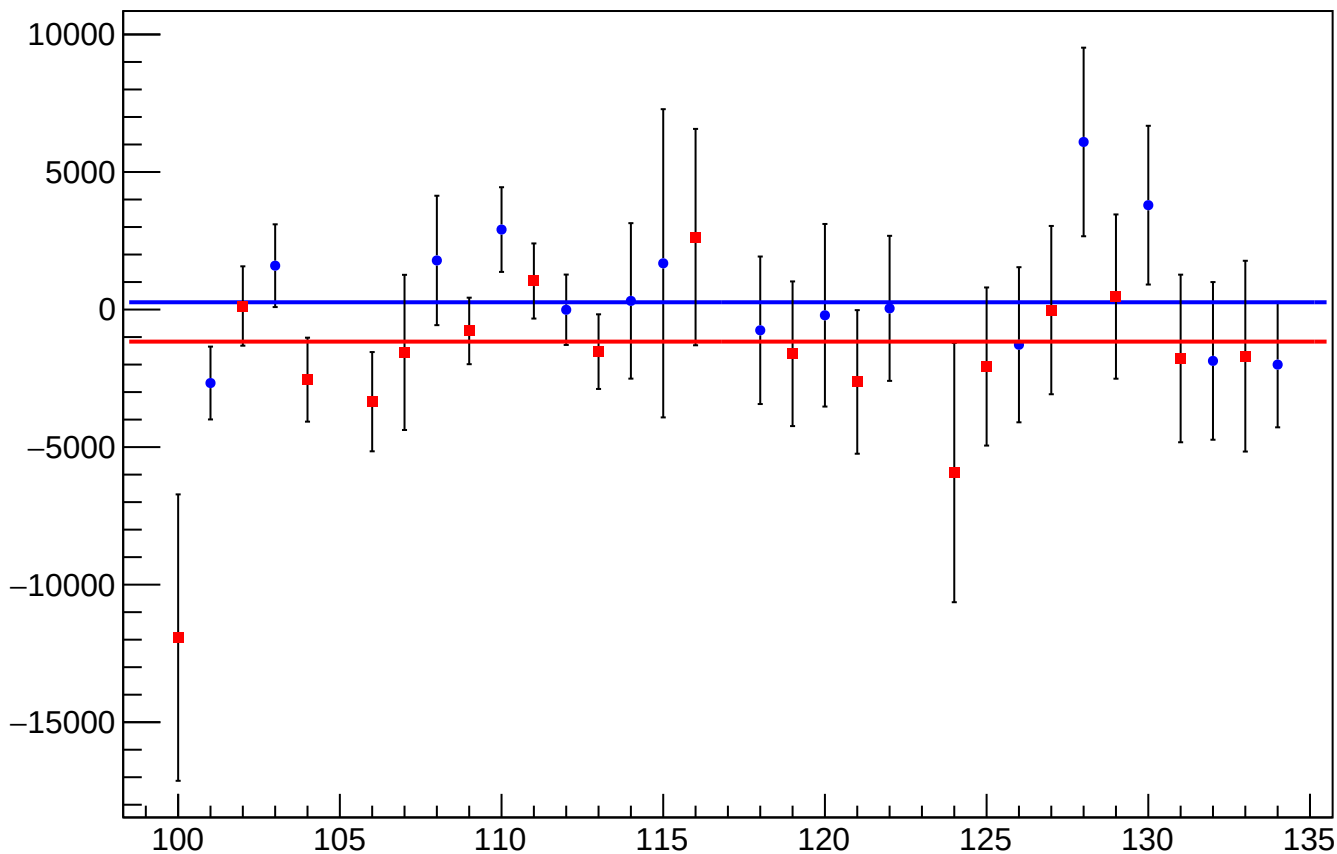
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 148.758 $\pm$ 0.030 χ^2 /NDF: 958913.2/31

- sign 0.000 $\pm$ 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: -1165.517+/-495.336 χ^2/NDF : 13.1/16

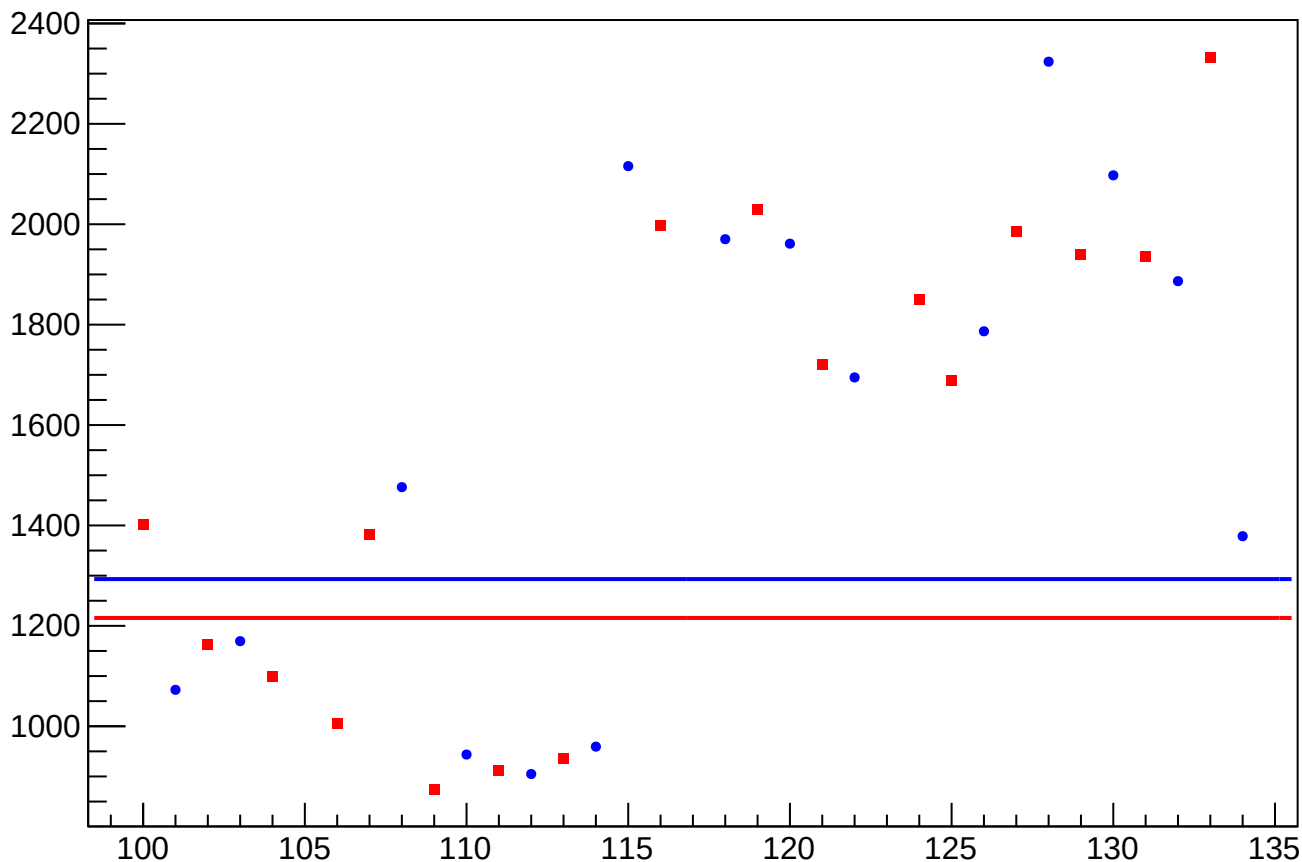
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -514.569+/-365.678 χ^2/NDF : 32.4/31

- 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+/-0.383 χ^2/NDF : 1180735.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

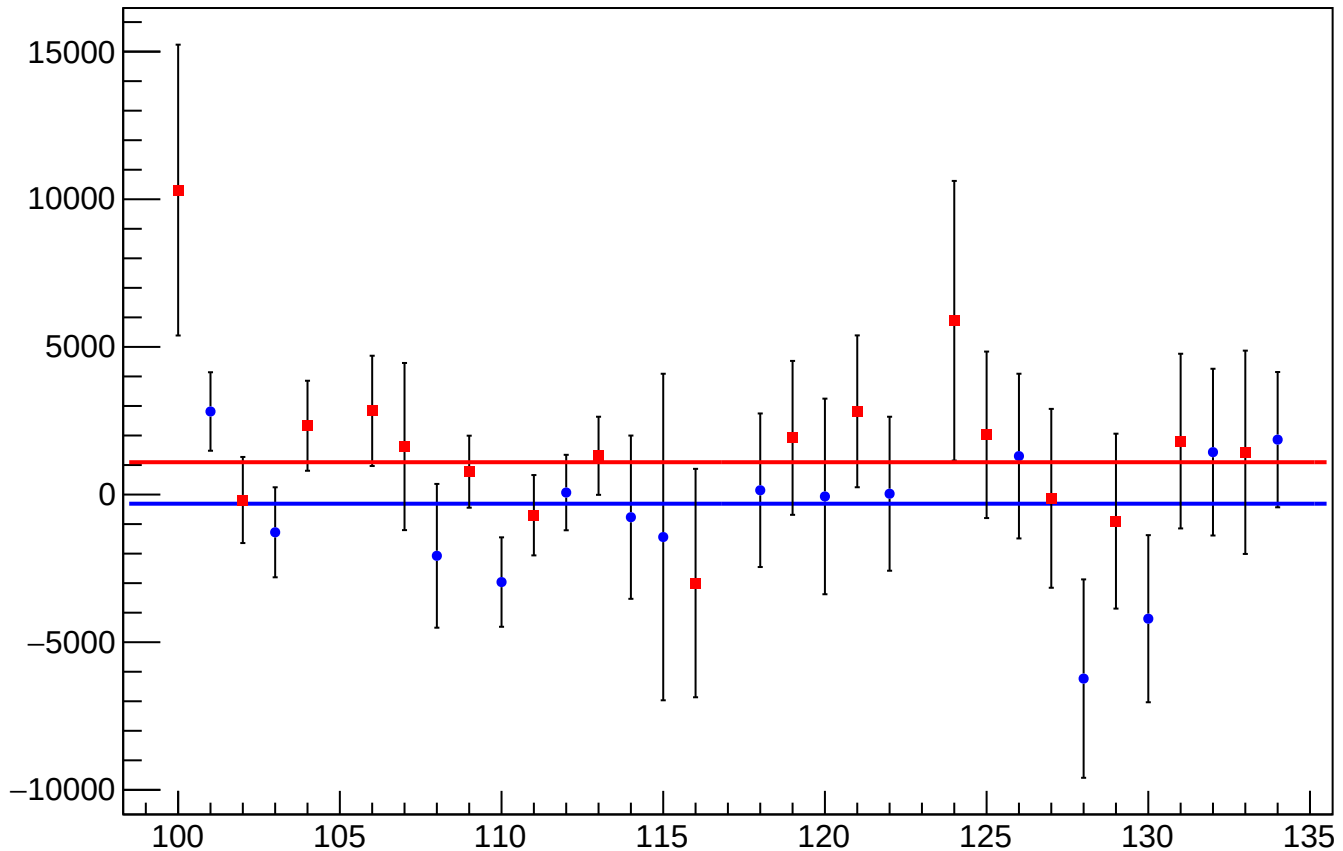
Right Out: 1215.764+/-0.350 χ^2/NDF : 1393449.9/16

All: 1250.985+/-0.259 χ^2/NDF : 2596410.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_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: 1095.729 ± 494.097 χ^2/NDF : 11.2/16

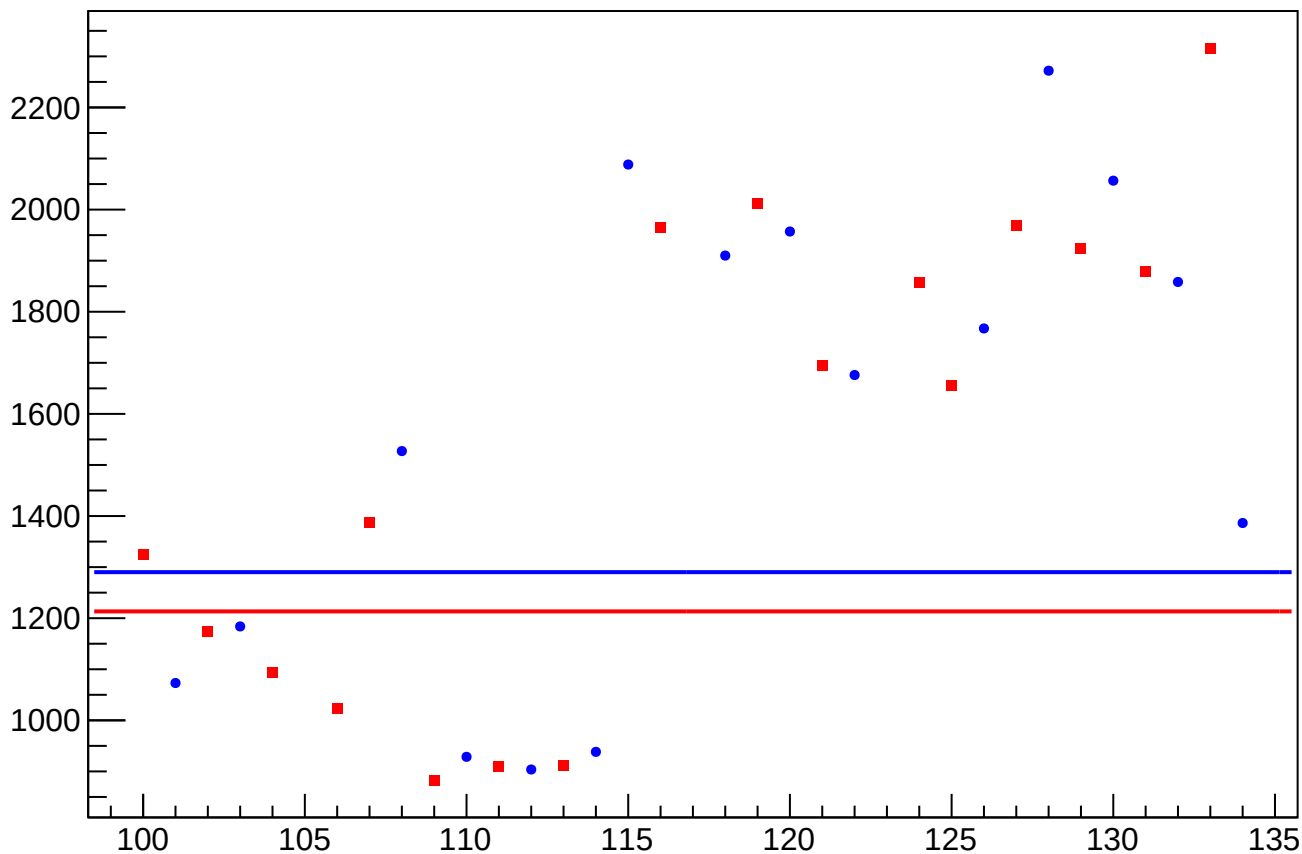
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 456.054 ± 364.709 χ^2/NDF : 31.2/31

- 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

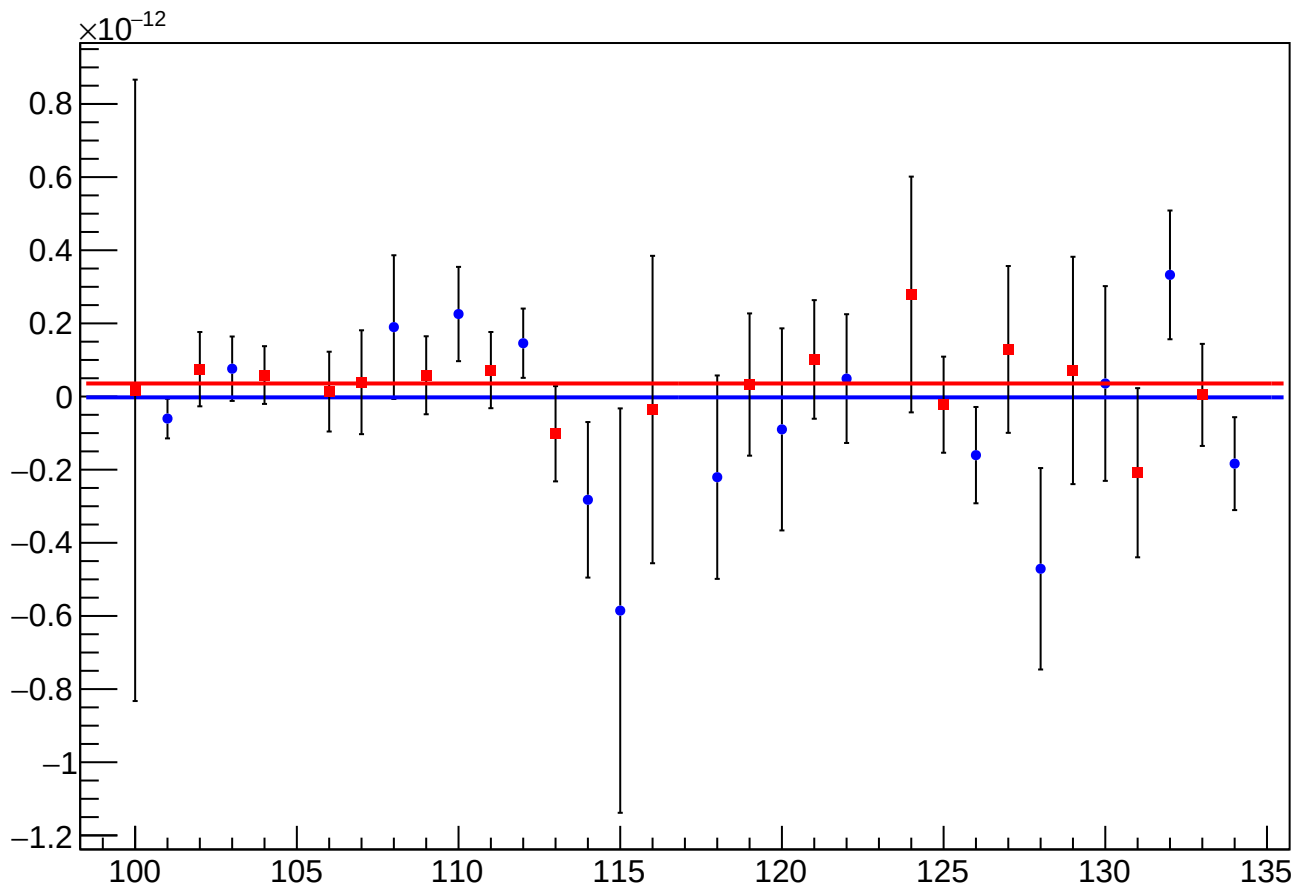
Right Out: 1213.305+/-0.349 χ^2/NDF : 1358707.7/16

All: 1248.281+/-0.258 χ^2/NDF : 2533071.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_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: 3.9/16

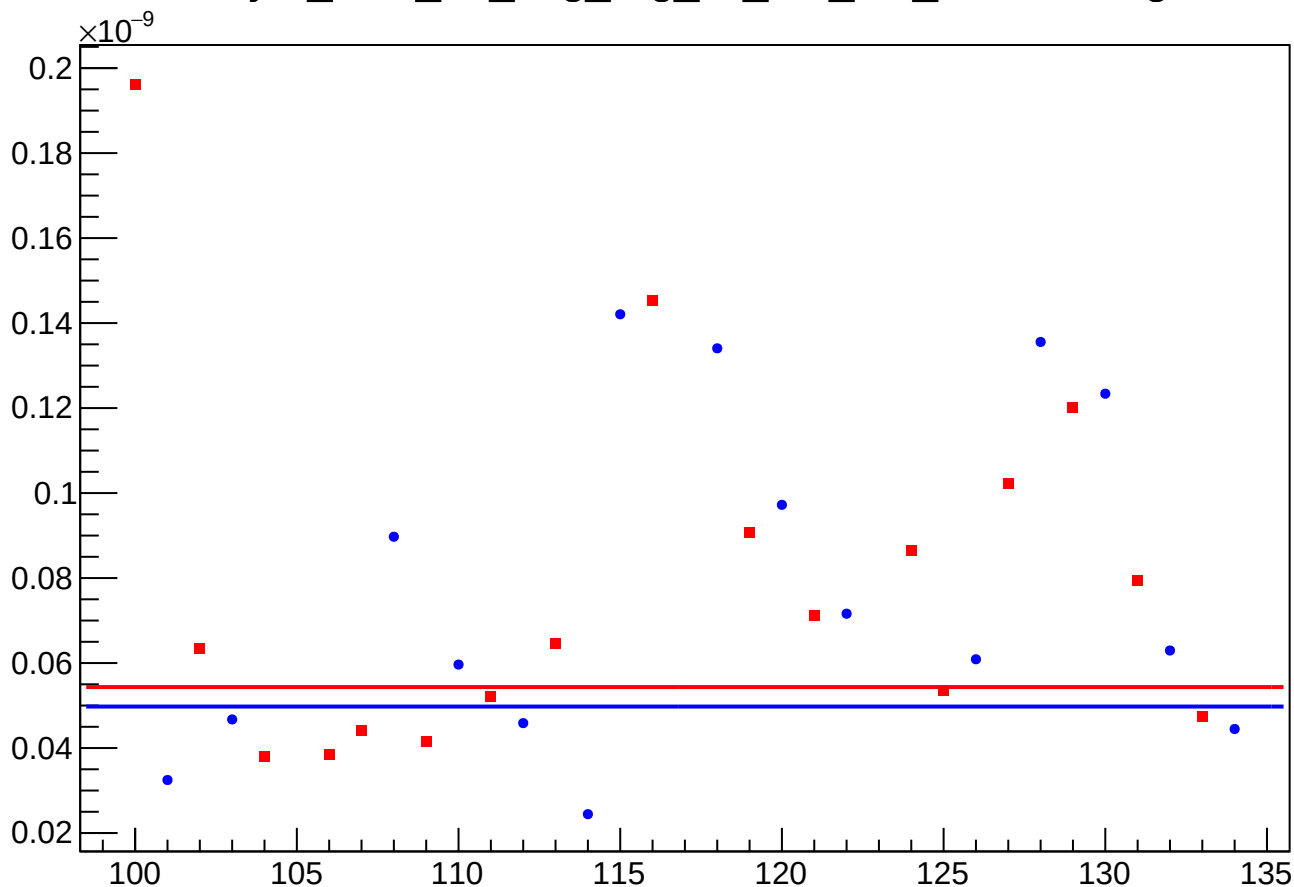
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 26.6/31

- 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 : 663319.3/16

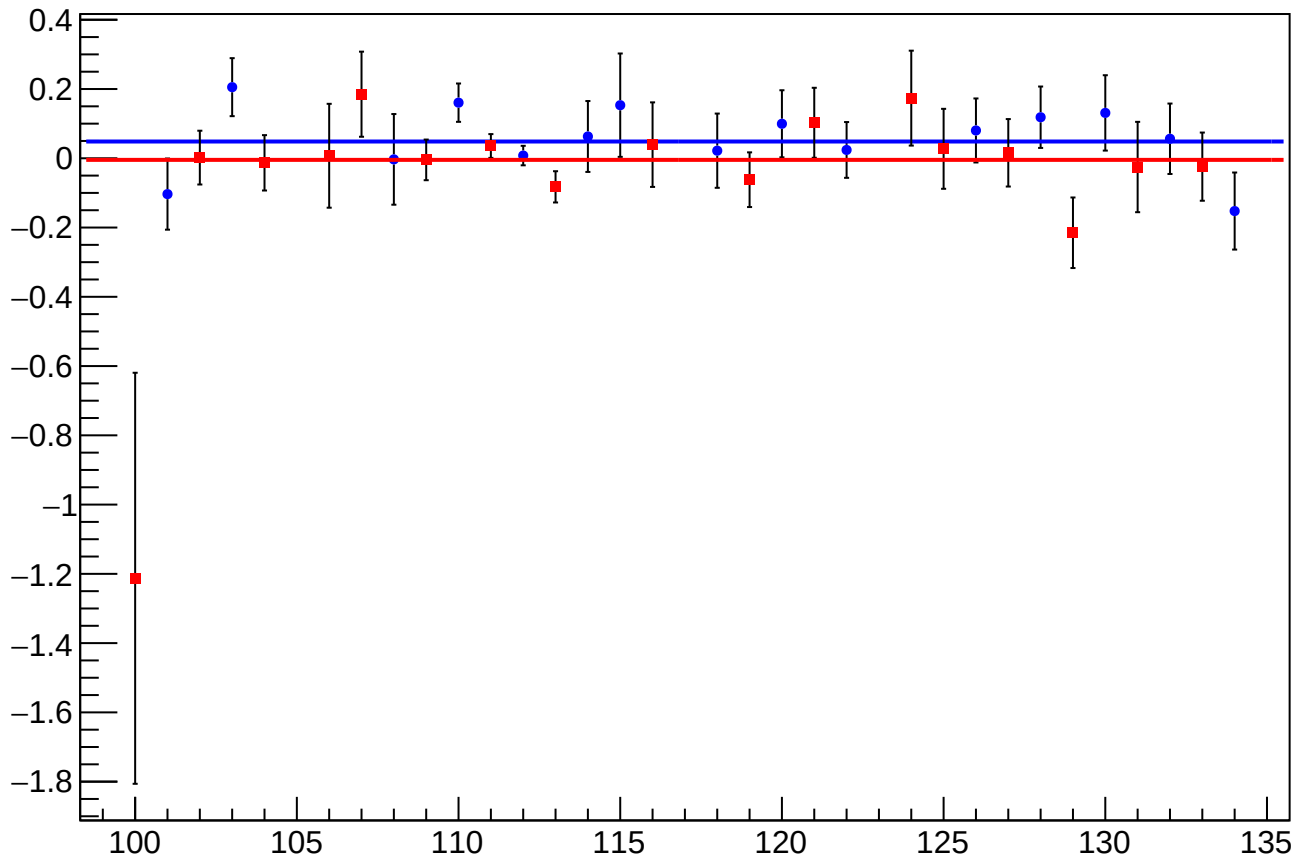
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1719012.8/31

- 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: -0.005 $\pm$ 0.019 χ^2 /NDF: 18.8/16

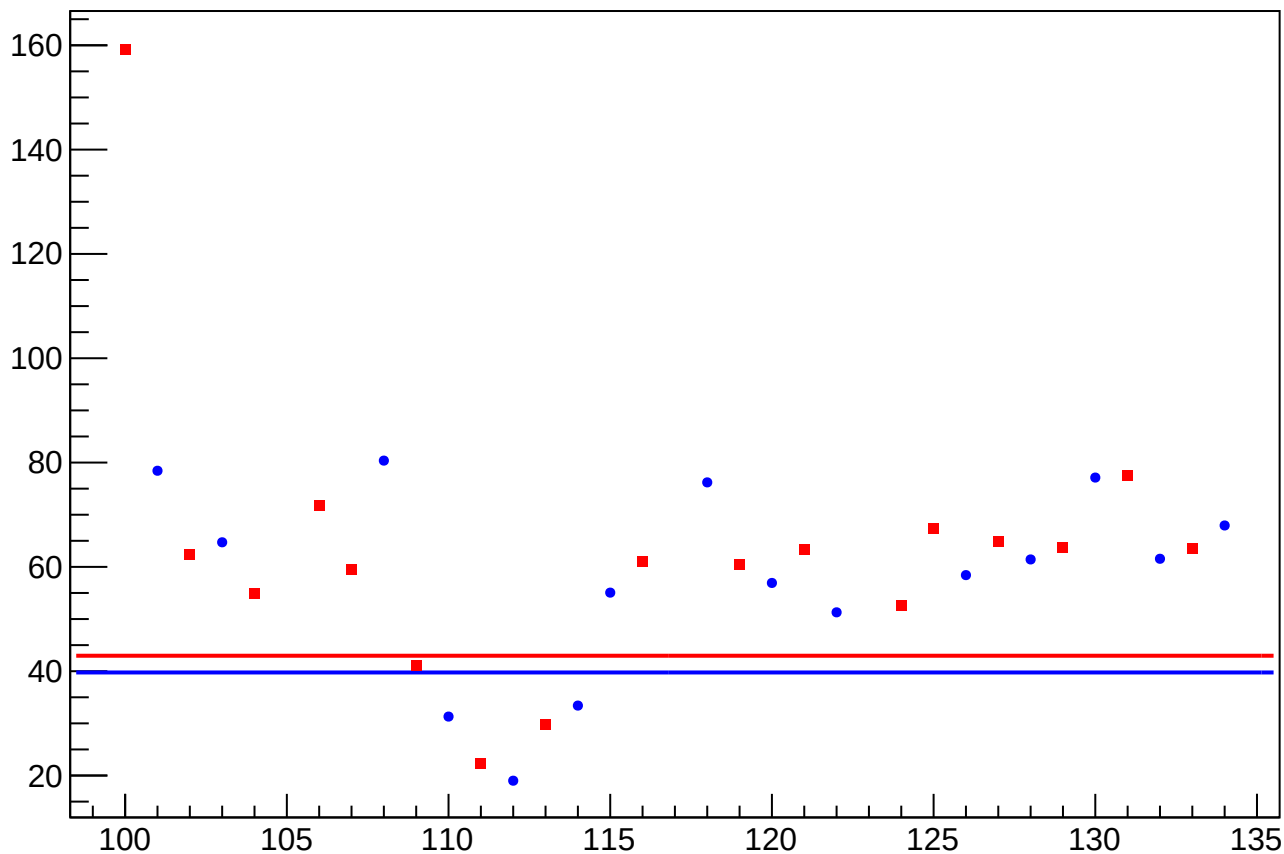
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.022 $\pm$ 0.013 χ^2 /NDF: 40.4/31

- 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: 42.966+/-0.013 χ^2/NDF : 1991955.4/16

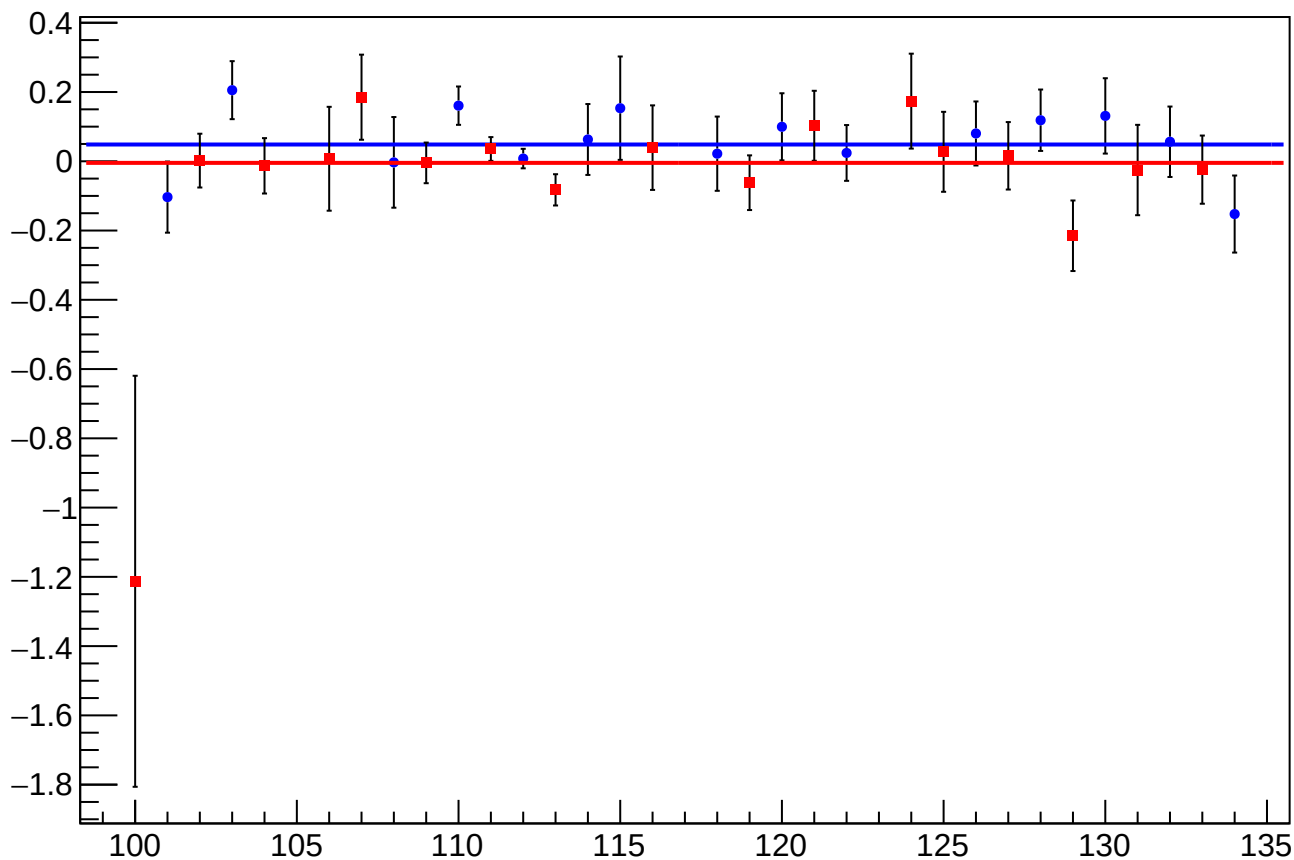
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.364+/-0.009 χ^2/NDF : 4829445.8/31

- 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: -0.005 $\pm$ 0.019 χ^2 /NDF: 18.8/16

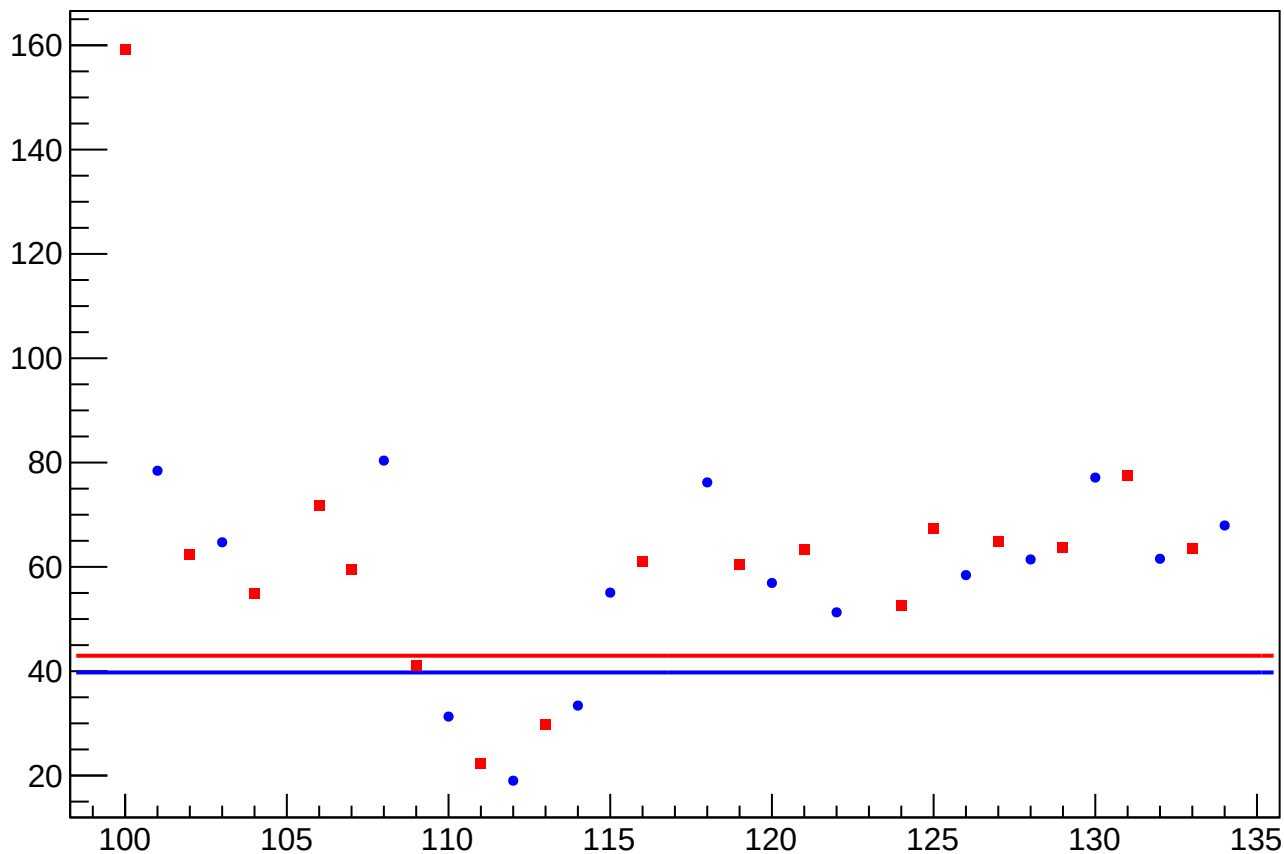
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.022 $\pm$ 0.013 χ^2 /NDF: 40.4/31

- 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: 42.966+/-0.013 χ^2/NDF : 1991955.4/16

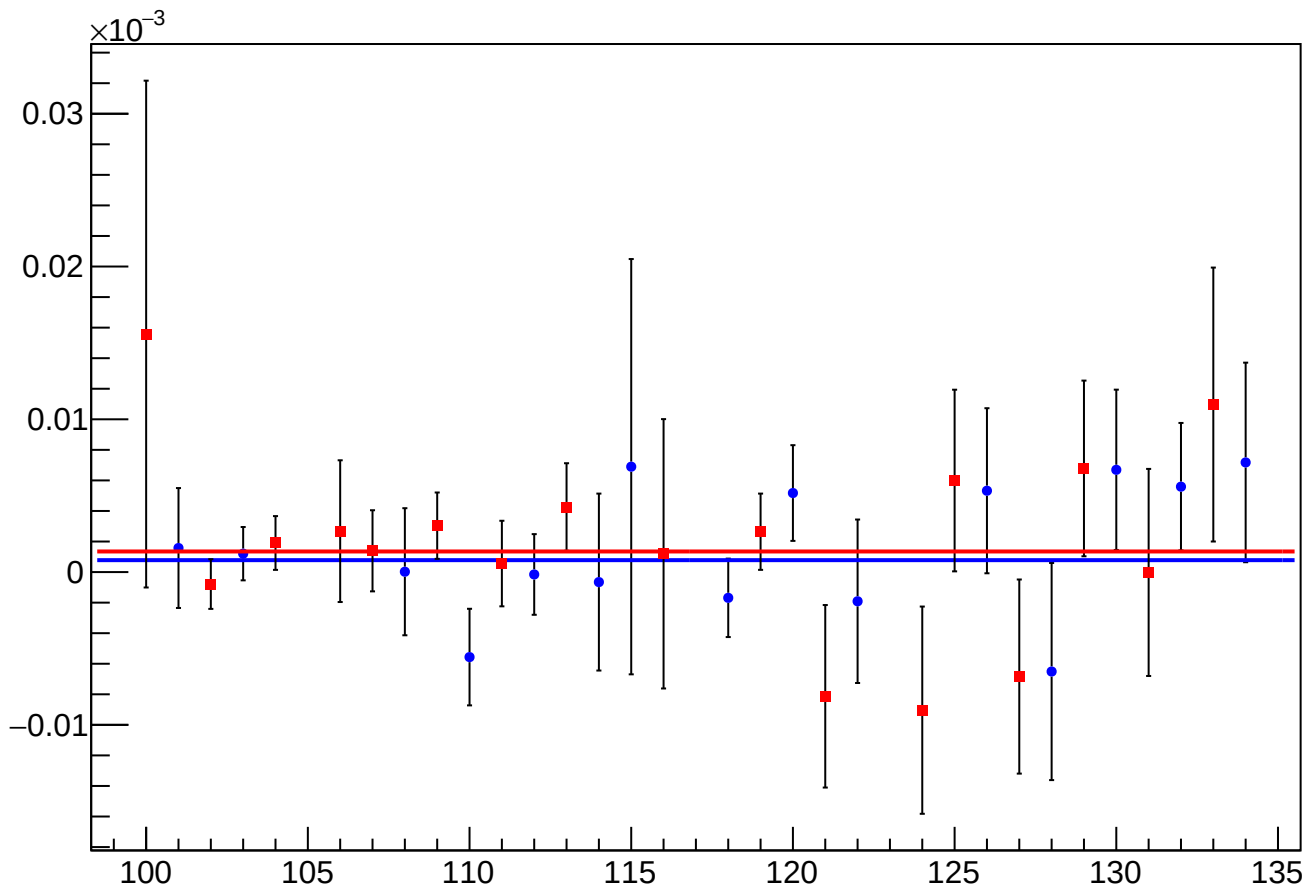
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.364+/-0.009 χ^2/NDF : 4829445.8/31

- 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: 13.8/16

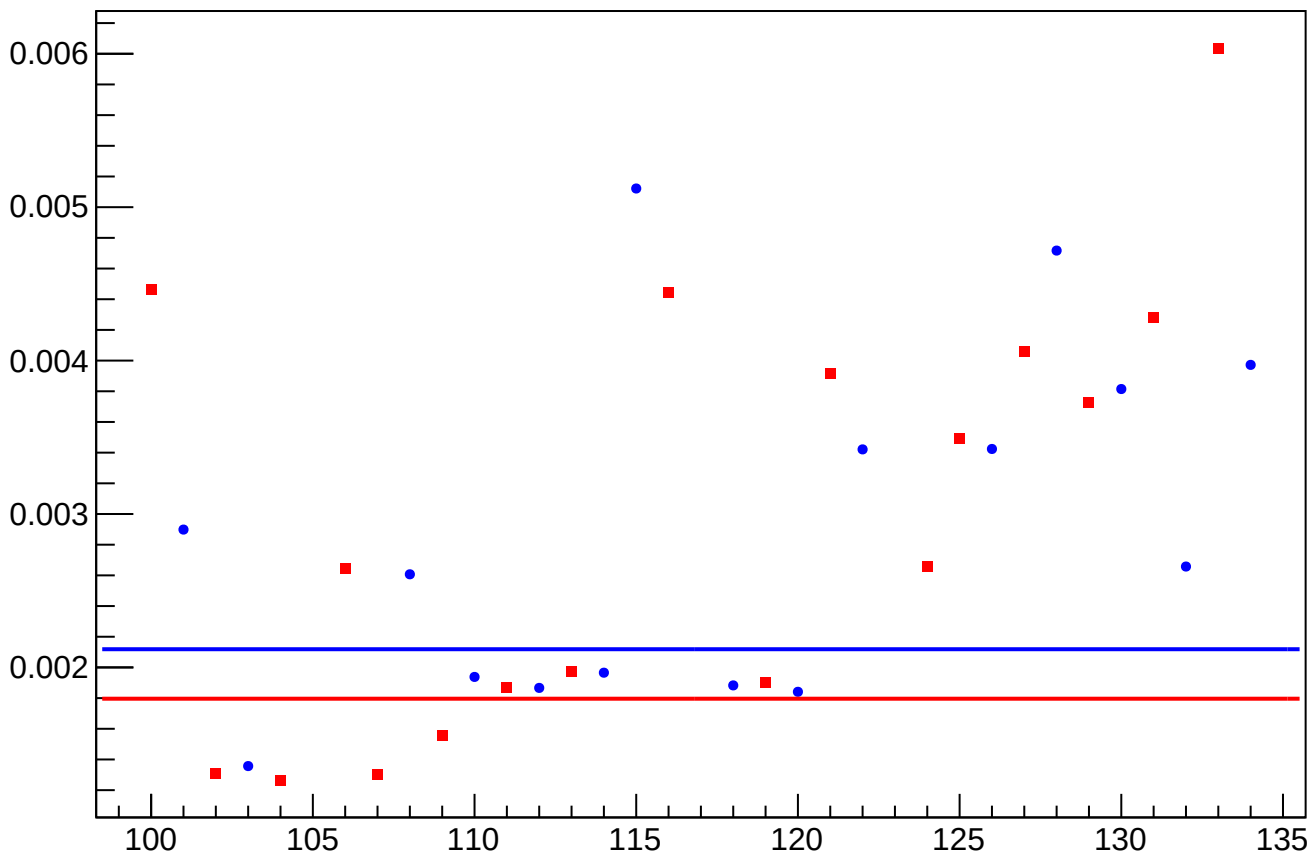
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 27.1/31

- 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 : 2415400.7/16

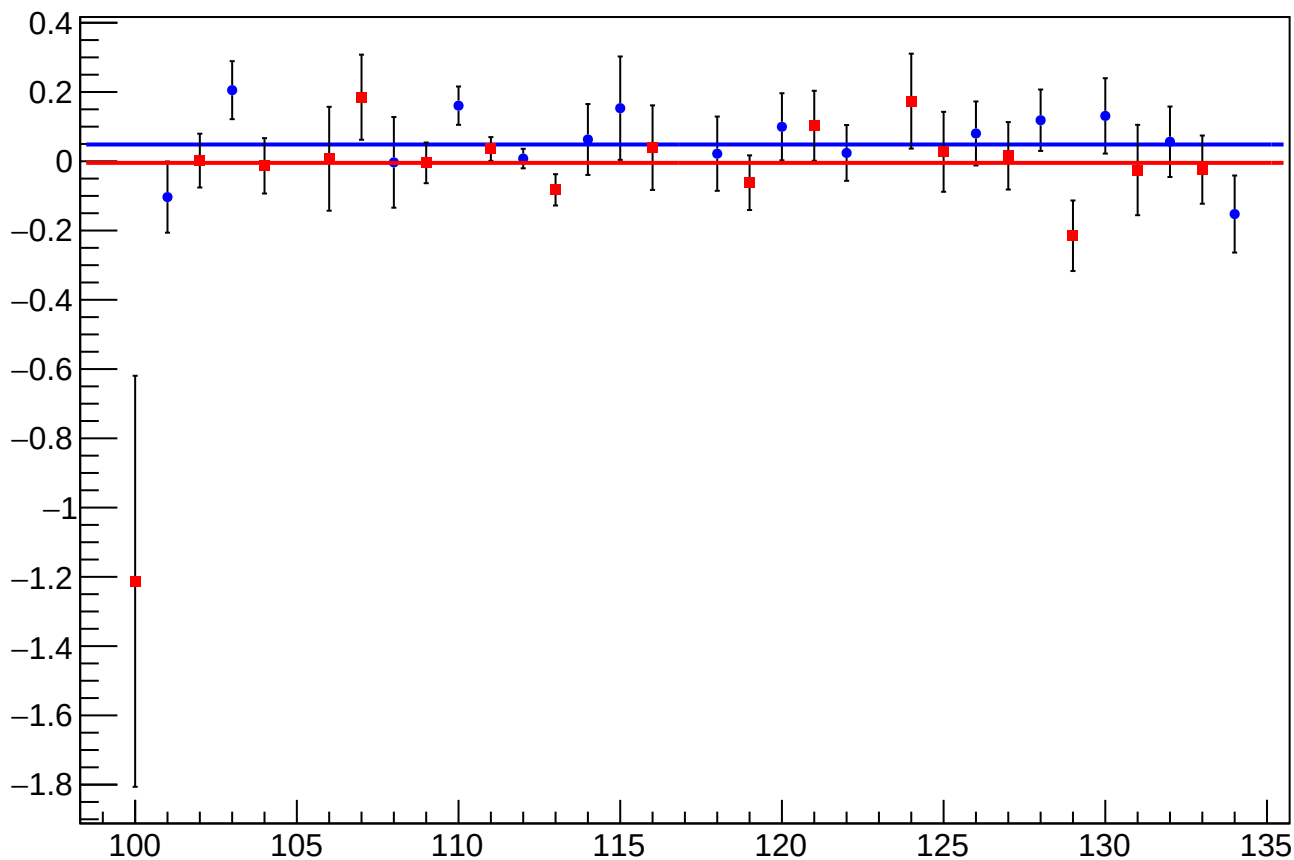
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4110780.8/31

- 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: -0.005 $\pm$ 0.019 χ^2 /NDF: 18.8/16

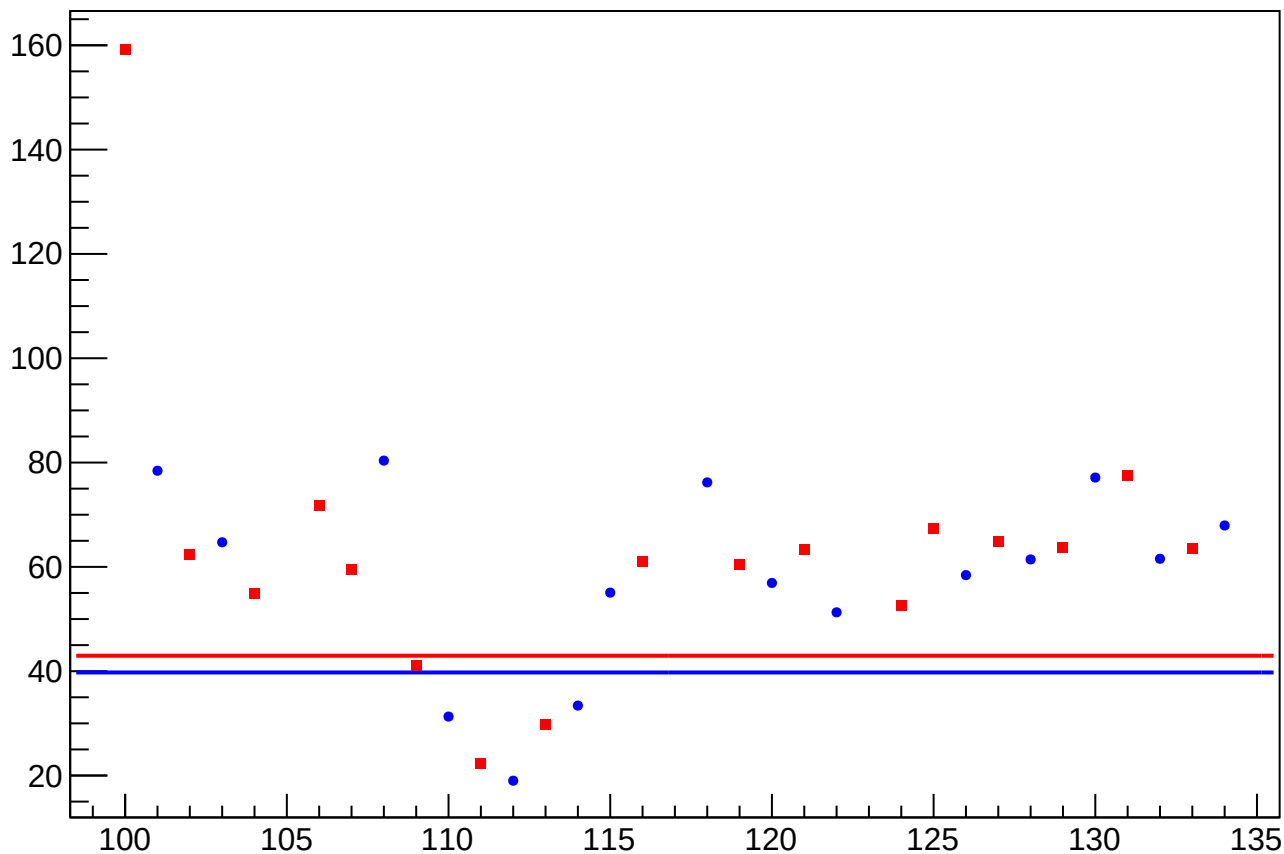
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.022 $\pm$ 0.013 χ^2 /NDF: 40.4/31

- 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: 42.965+/-0.013 χ^2/NDF : 1992117.9/16

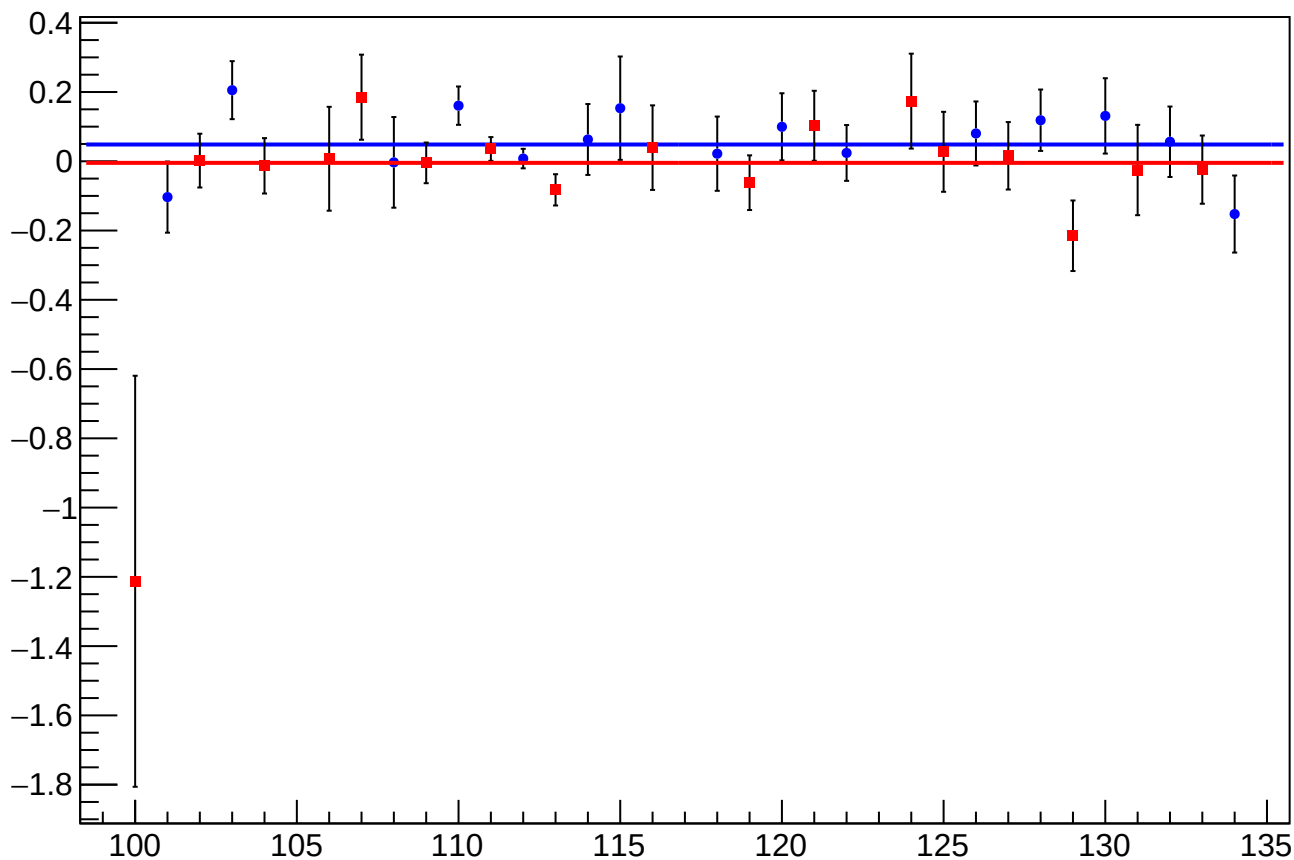
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.363+/-0.009 χ^2/NDF : 4829748.3/31

- 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+/-0.019 χ^2/NDF : 17.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.005+/-0.019 χ^2/NDF : 18.8/16

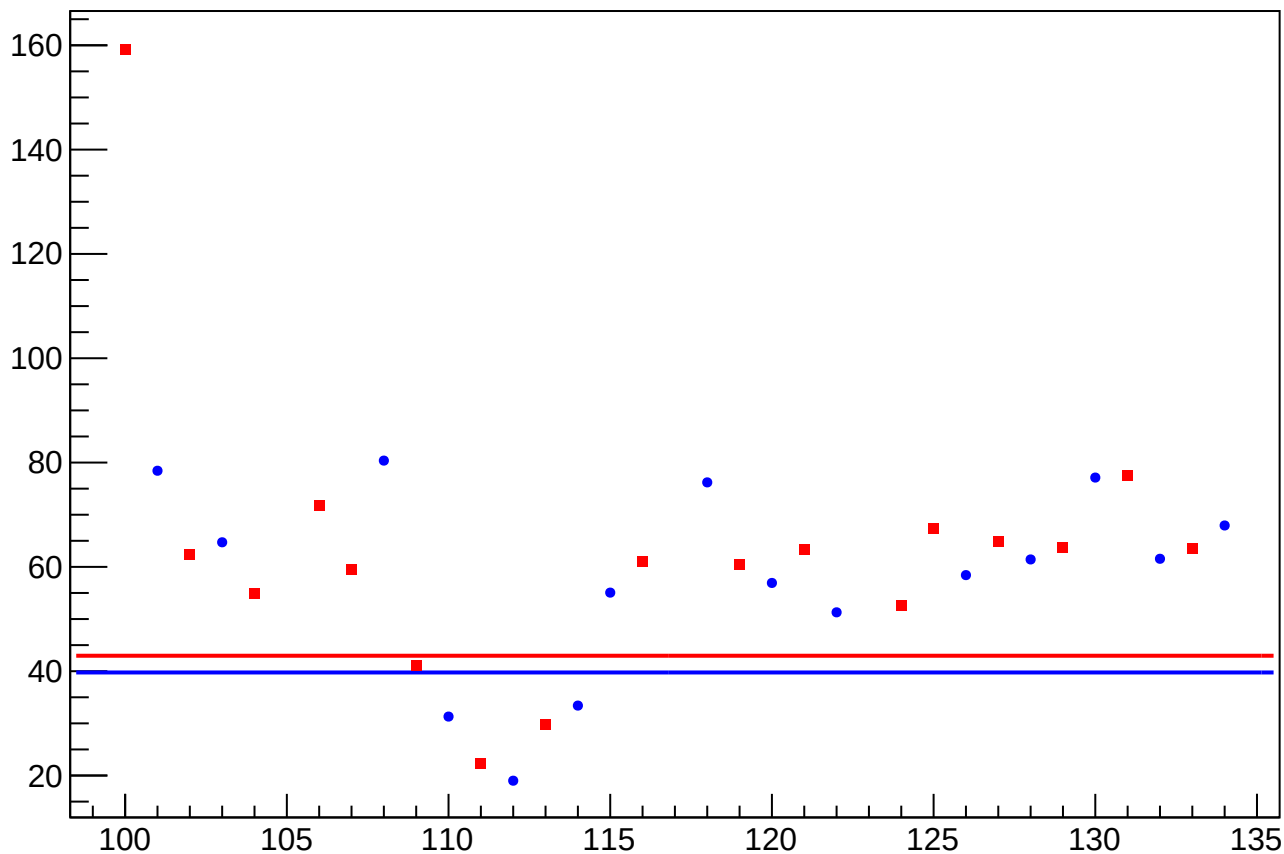
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.013 χ^2/NDF : 40.4/31

- sign 0.000+/-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: 42.965+/-0.013 χ^2/NDF : 1992117.9/16

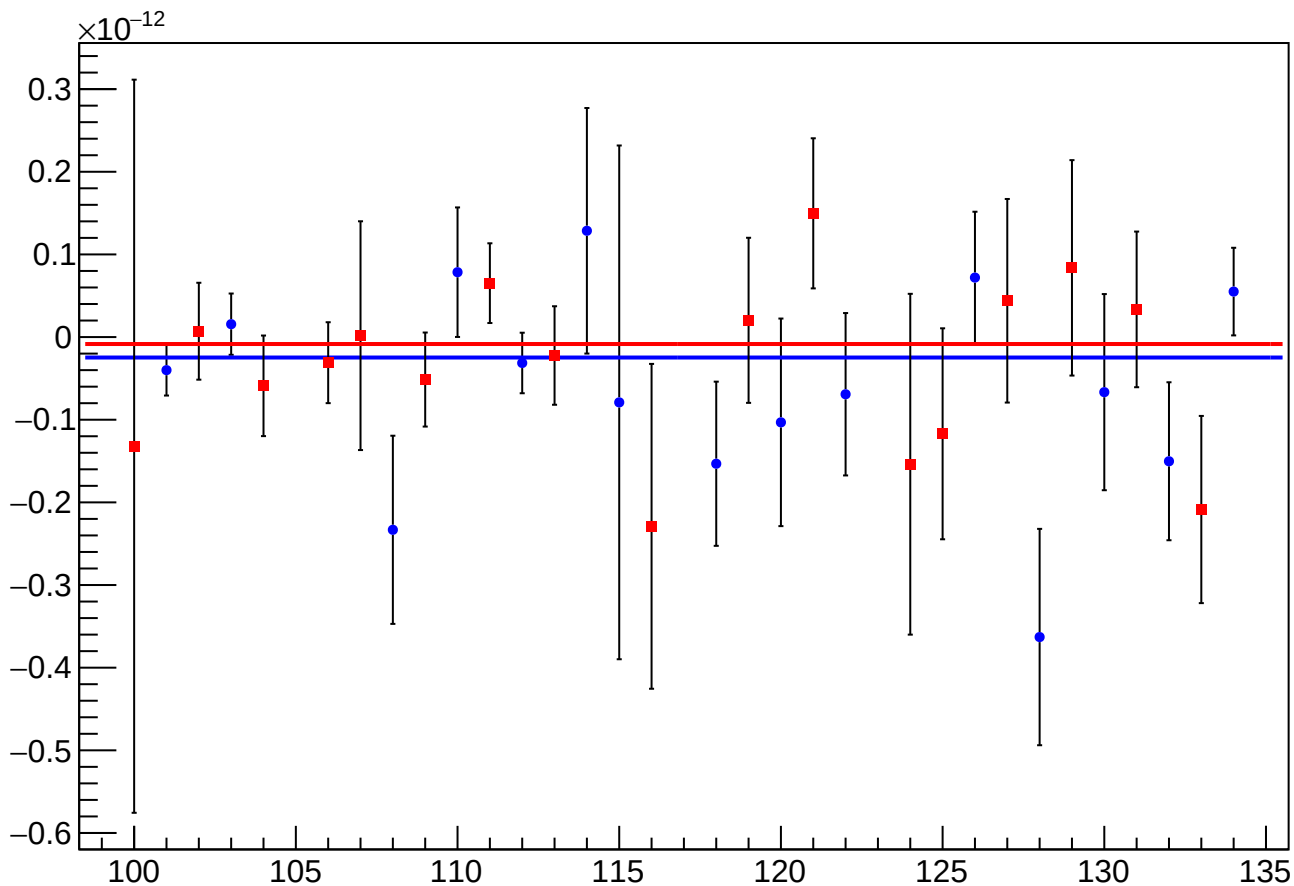
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.363+/-0.009 χ^2/NDF : 4829748.3/31

- 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: 13.6/16

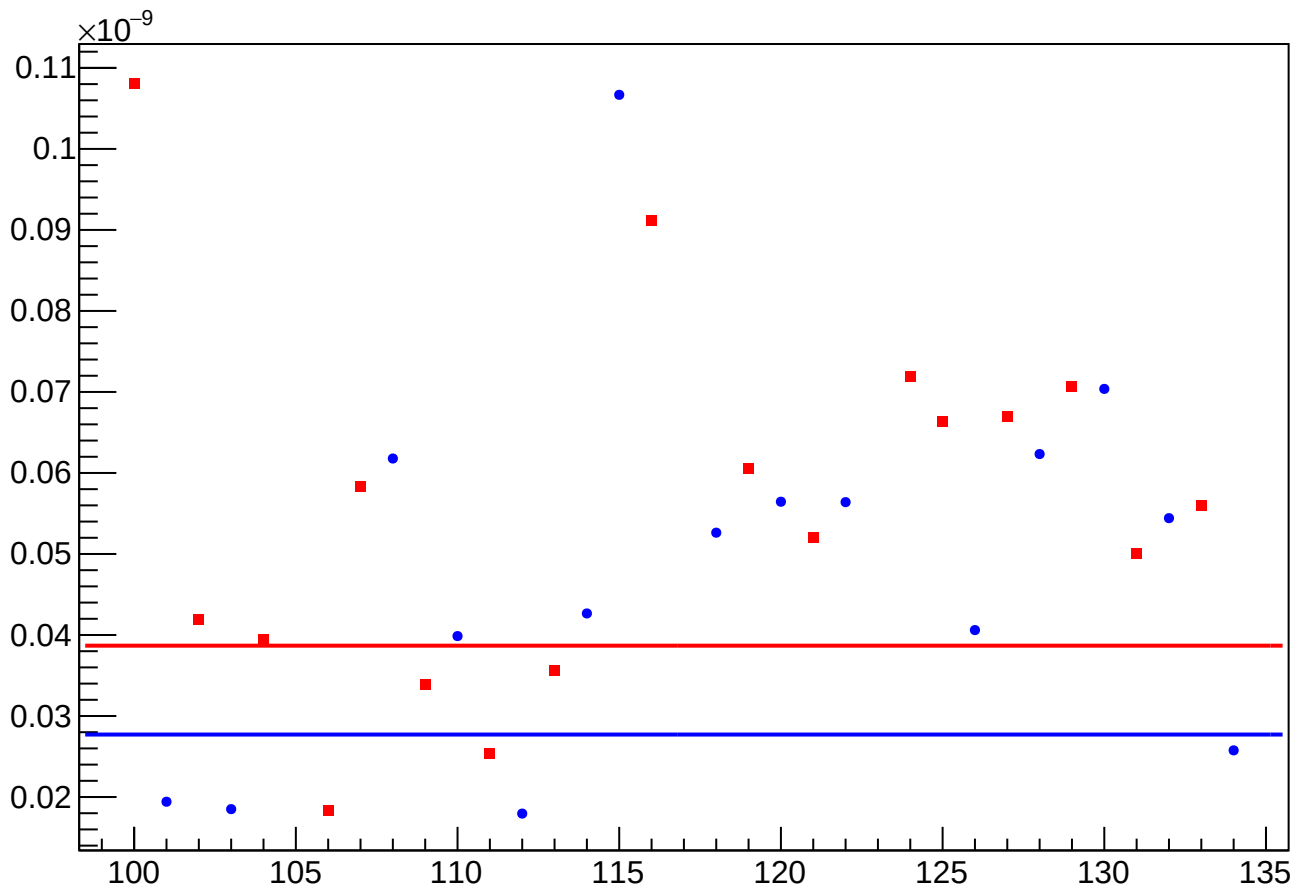
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 36.2/31

- 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+/-0.000 χ^2/NDF : 1798397.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1344082.6/16

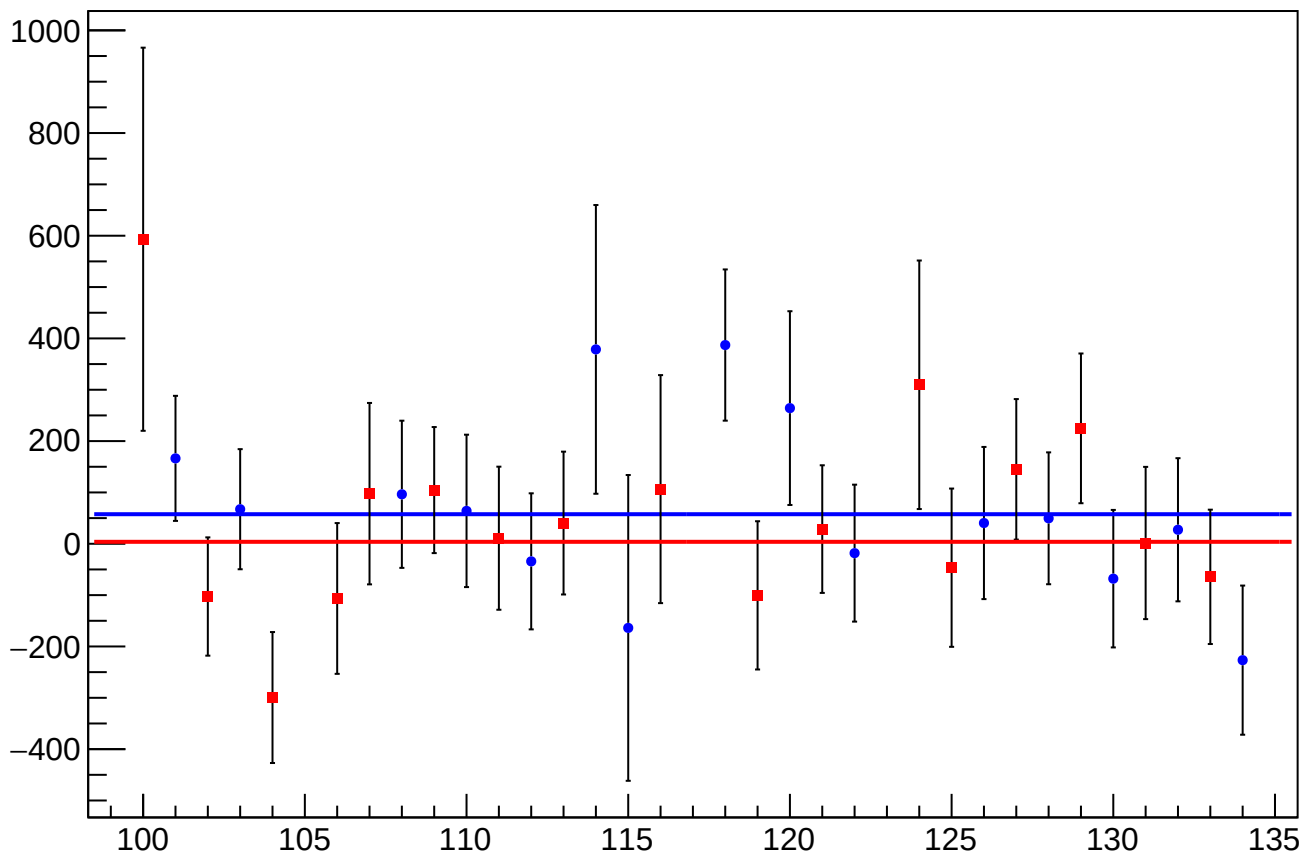
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3524759.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_mean vs Slug



Right In: 57.591 $\pm$ 37.618 χ^2 /NDF: 14.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.826 $\pm$ 35.613 χ^2 /NDF: 16.7/16

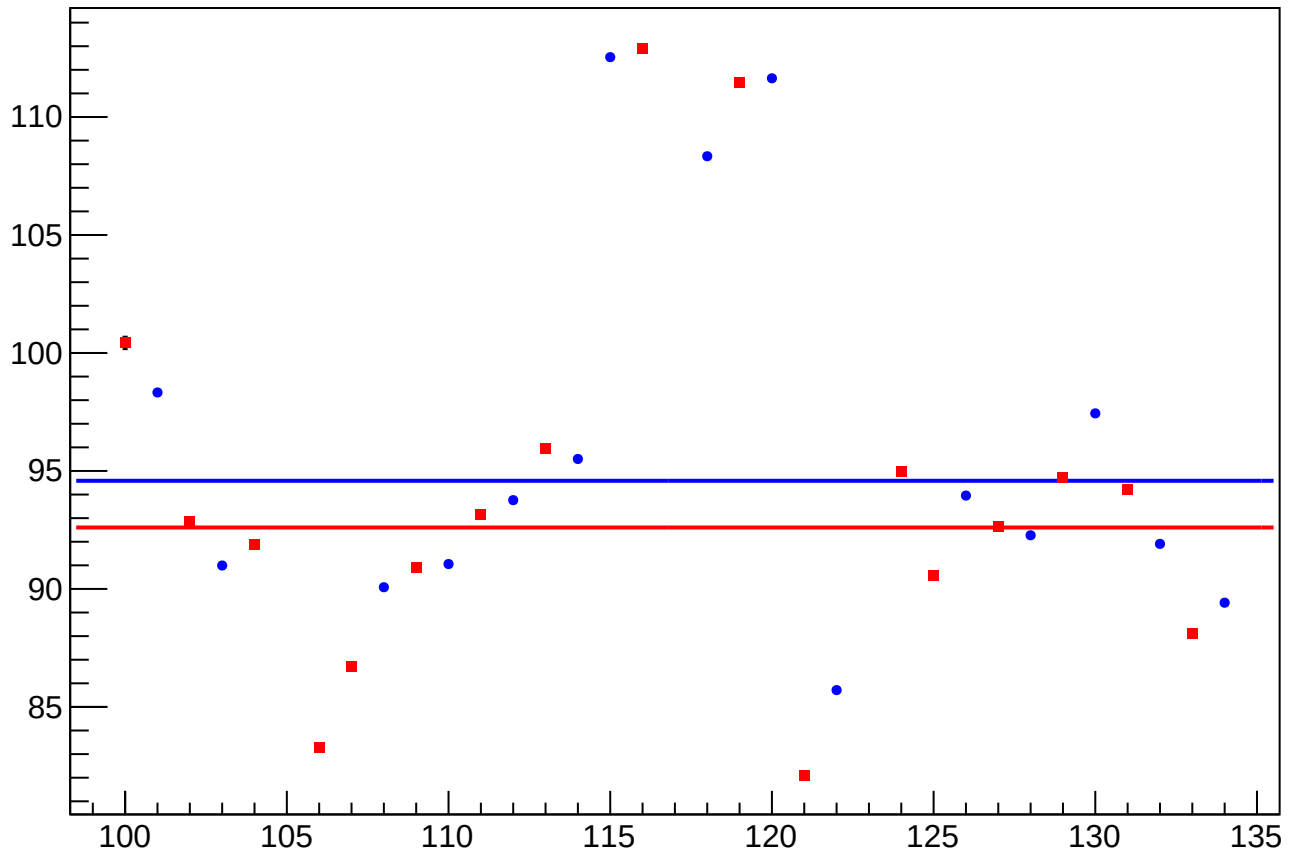
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 29.238 $\pm$ 25.862 χ^2 /NDF: 32.3/31

- sign 0.000 $\pm$ 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: 92.605+/-0.025 χ^2/NDF : 81572.8/16

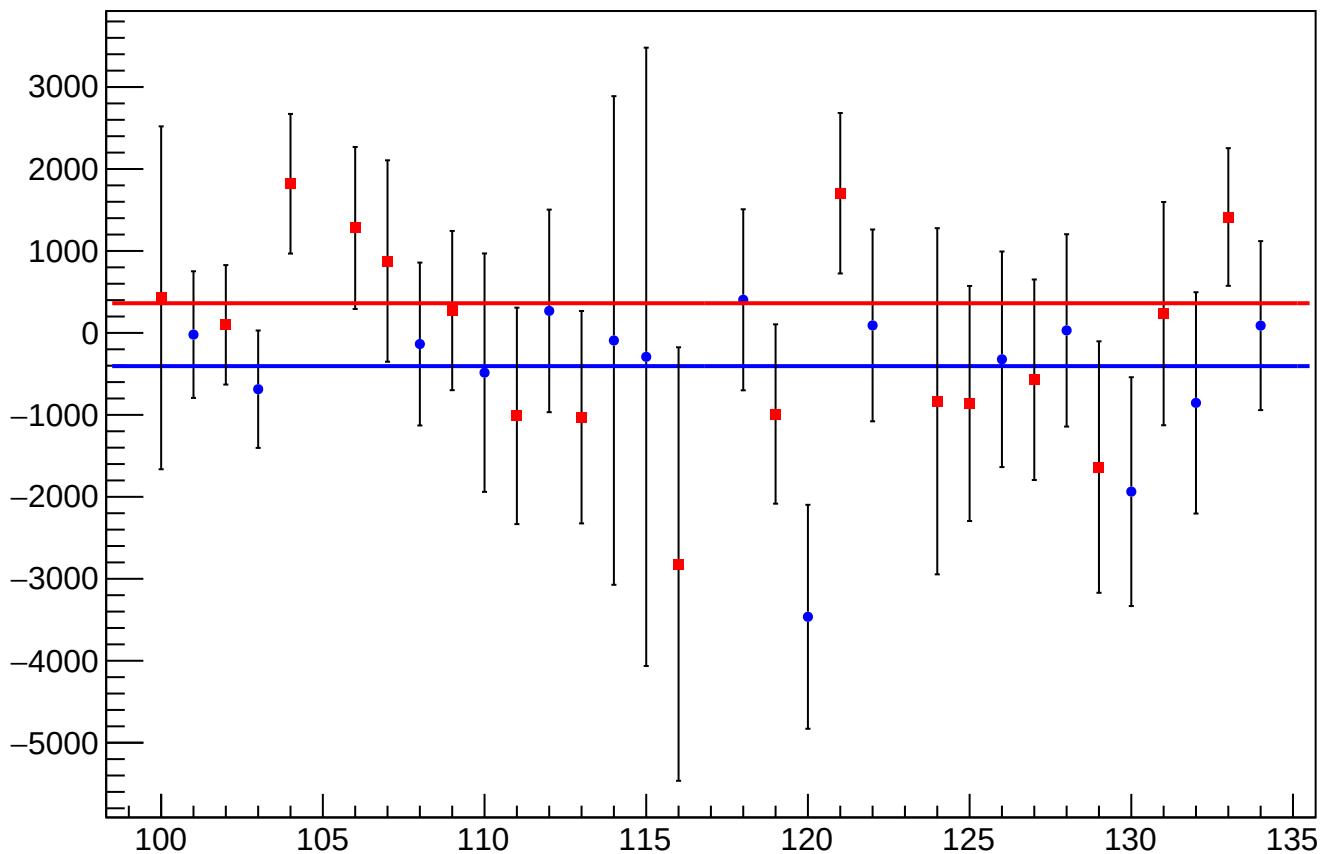
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.540+/-0.018 χ^2/NDF : 146244.0/31

- 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: 362.224+/-275.385 χ^2/NDF : 16.1/16

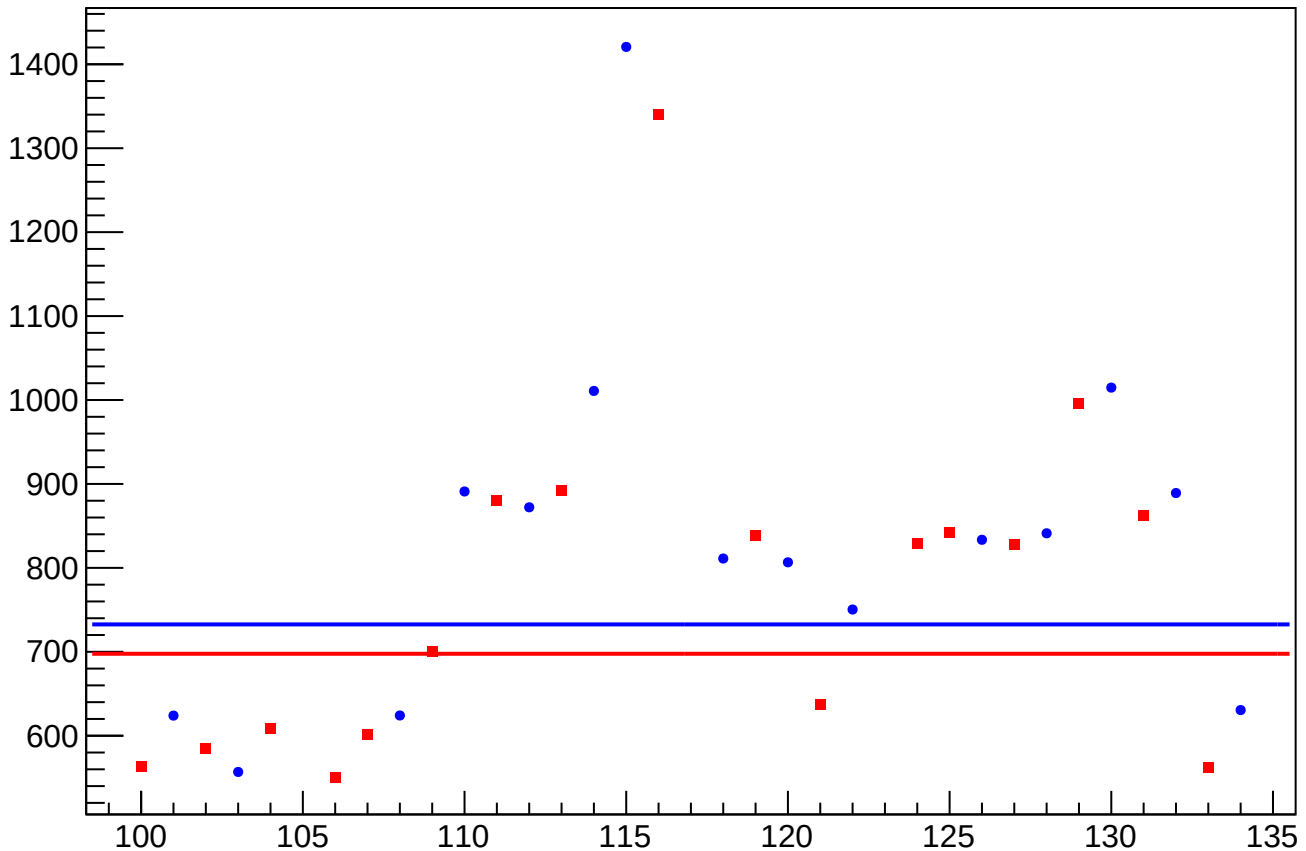
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.406+/-201.921 χ^2/NDF : 27.9/31

- 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: 697.655+/-0.195 χ^2/NDF : 583040.6/16

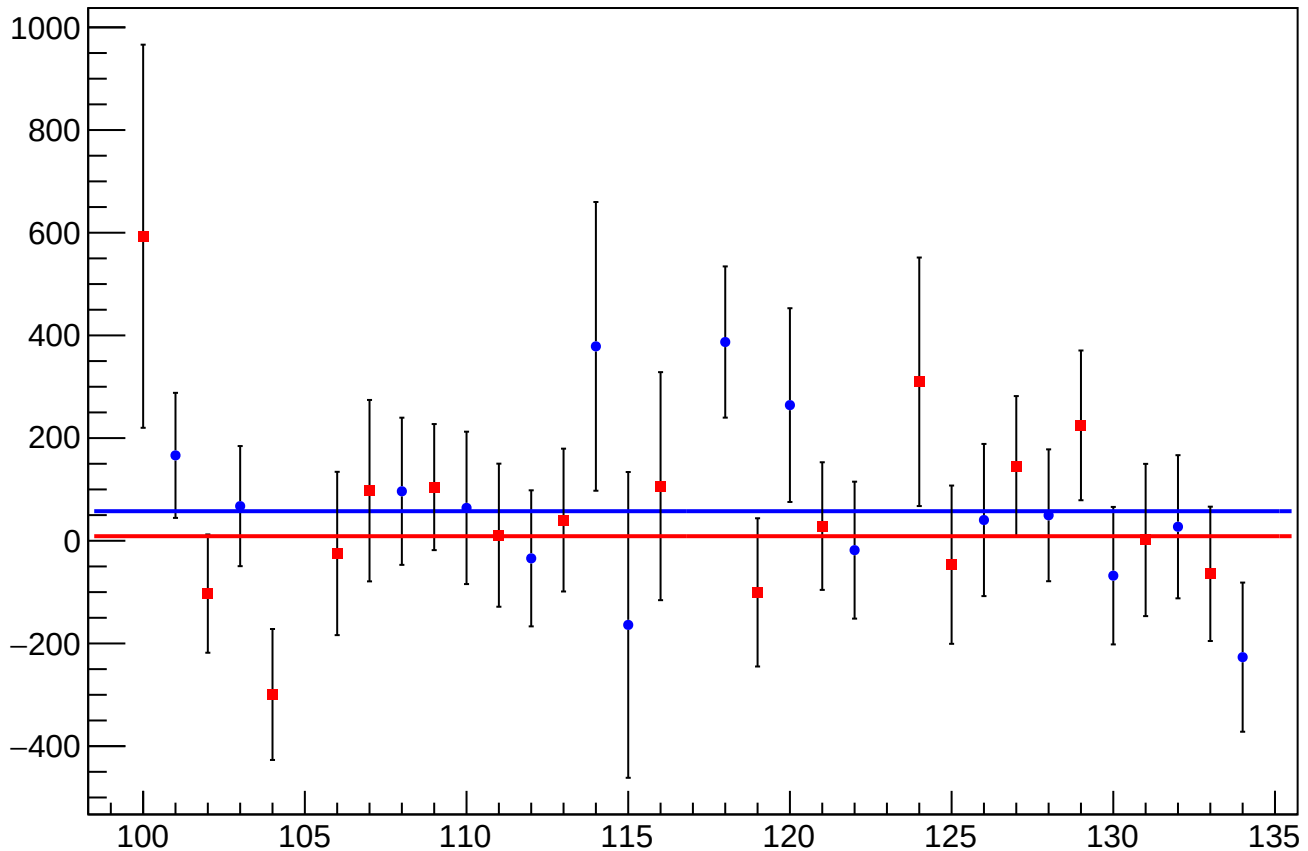
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 713.833+/-0.143 χ^2/NDF : 1088480.3/31

- 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: 8.920+/-35.768 χ^2/NDF : 16.2/16

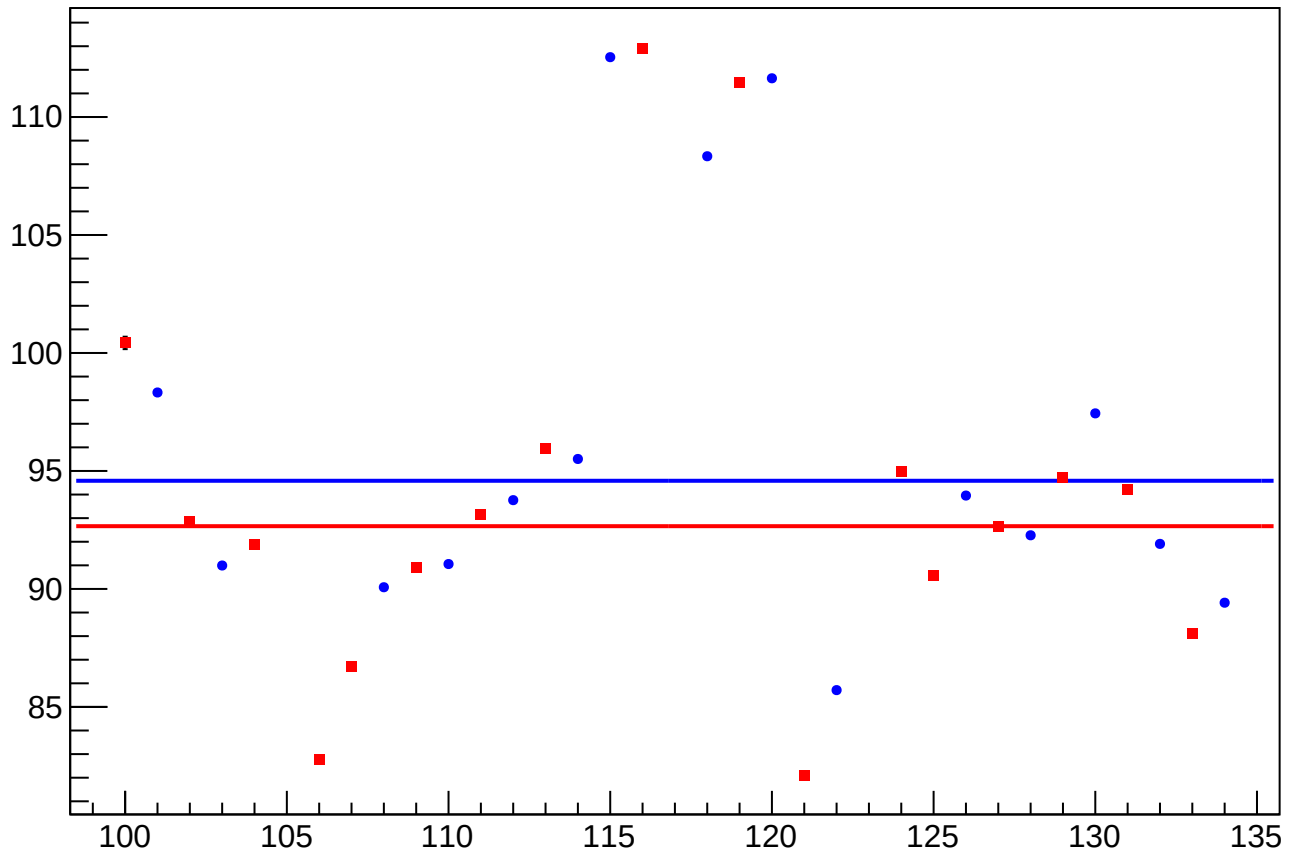
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.040+/-25.921 χ^2/NDF : 31.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 92.660+/-0.025 χ^2/NDF : 81190.3/16

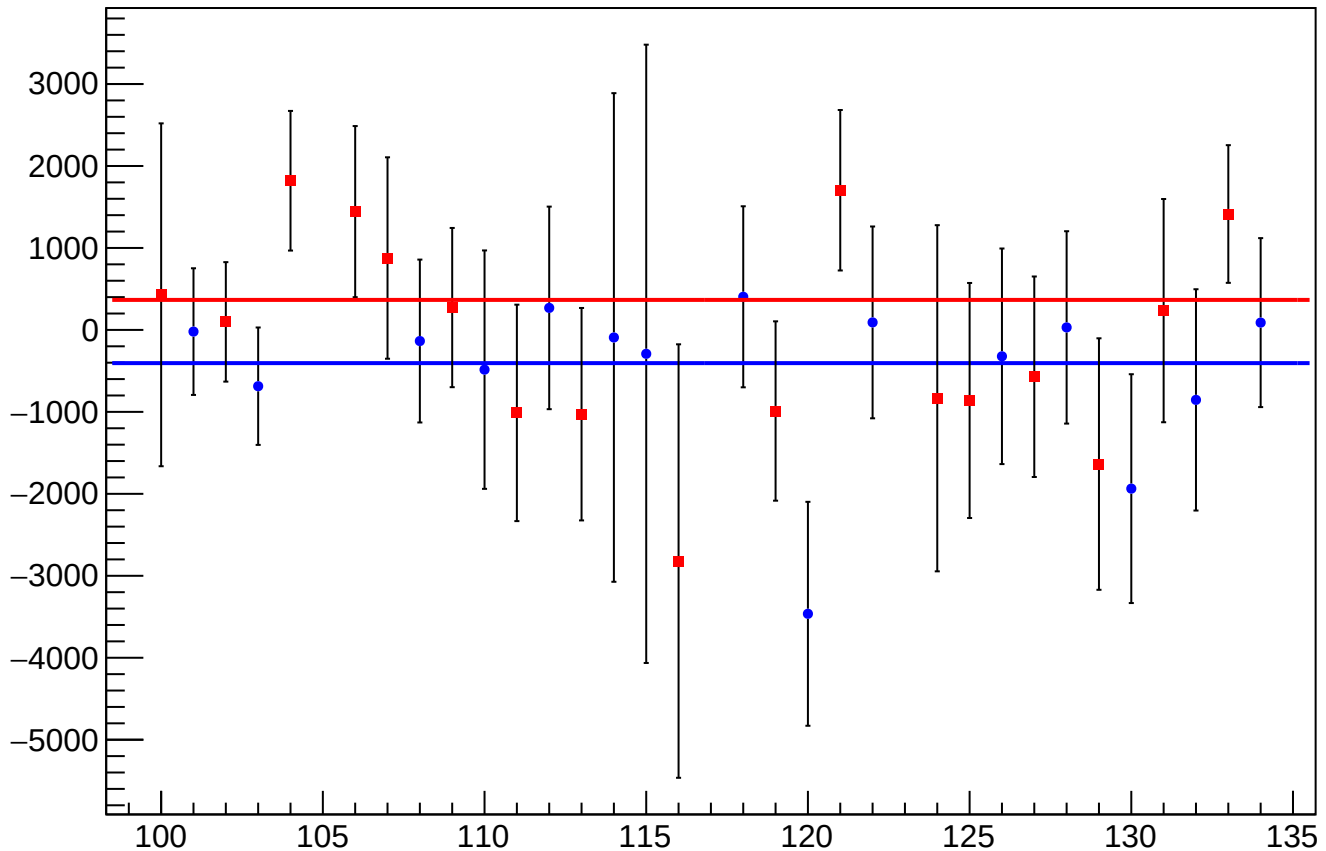
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.573+/-0.018 χ^2/NDF : 145689.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_cor_correction_mean vs Slug



Right In: -405.157 $\pm$ 296.951 χ^2 /NDF: 8.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 366.088 $\pm$ 276.507 χ^2 /NDF: 16.3/16

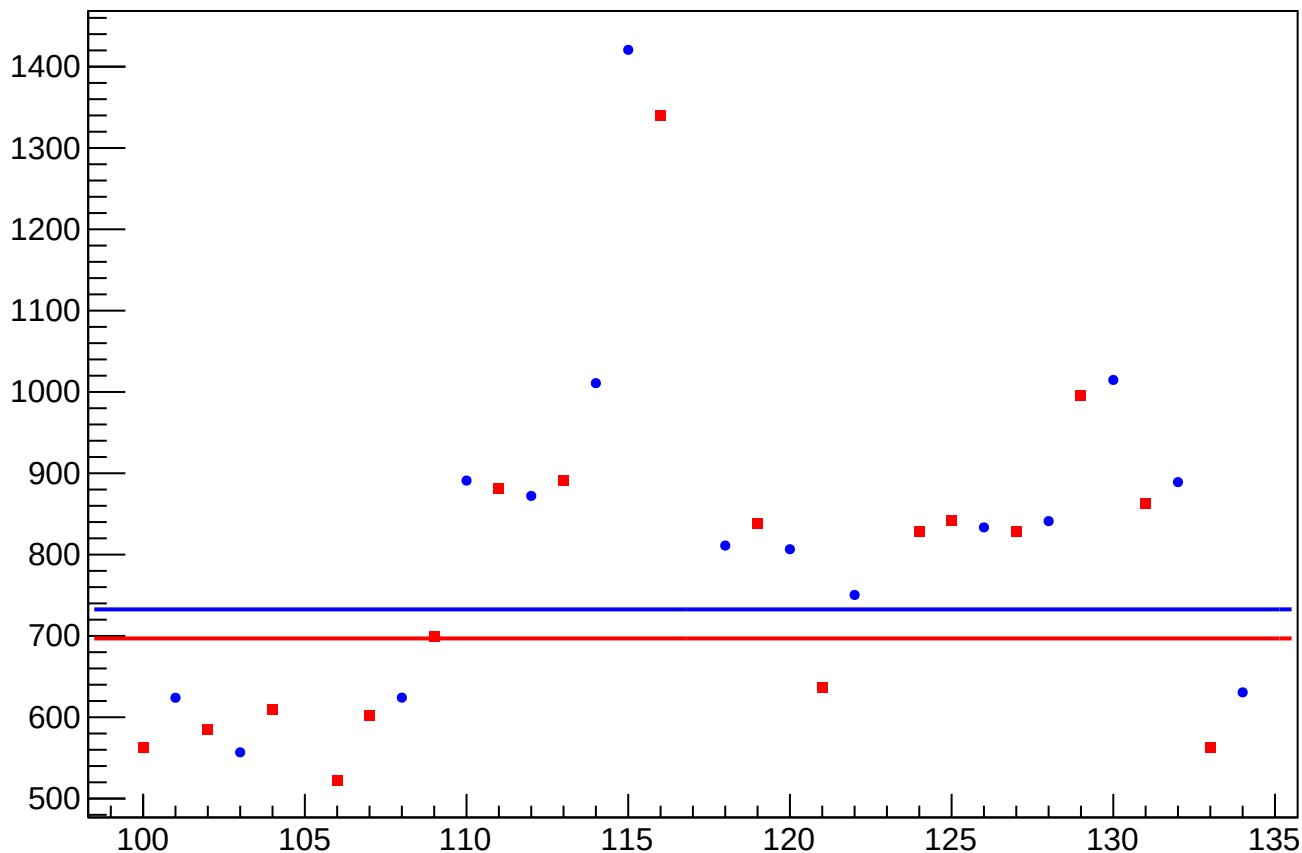
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.925 $\pm$ 202.362 χ^2 /NDF: 28.1/31

- sign 0.000 $\pm$ 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: 696.899+/-0.196 χ^2/NDF : 594913.4/16

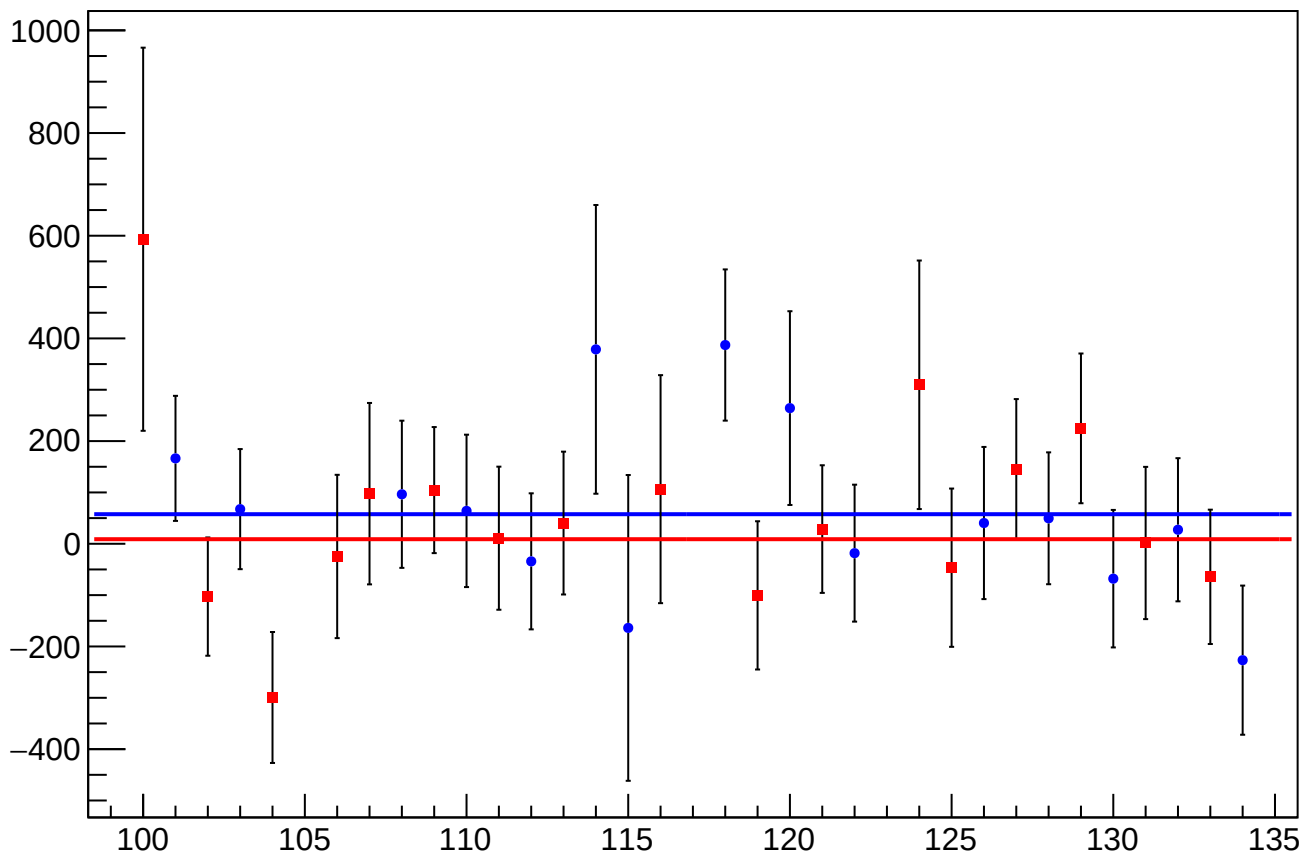
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 713.499+/-0.143 χ^2/NDF : 1100950.0/31

- 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: 8.920+/-35.768 χ^2/NDF : 16.2/16

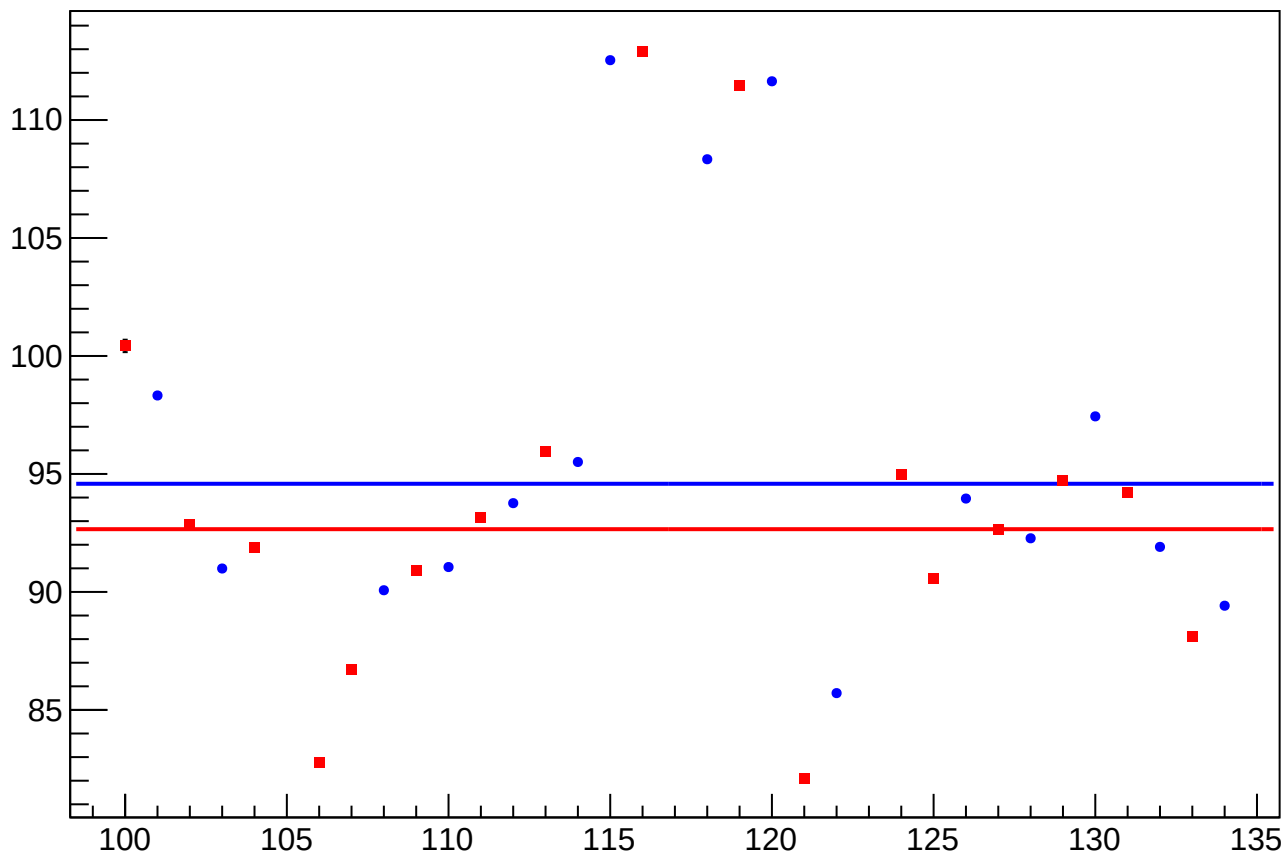
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.040+/-25.921 χ^2/NDF : 31.6/31

- 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 $\chi^2/\text{NDF}: 61751.1/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 92.660 ± 0.025 $\chi^2/\text{NDF}: 81190.3/16$

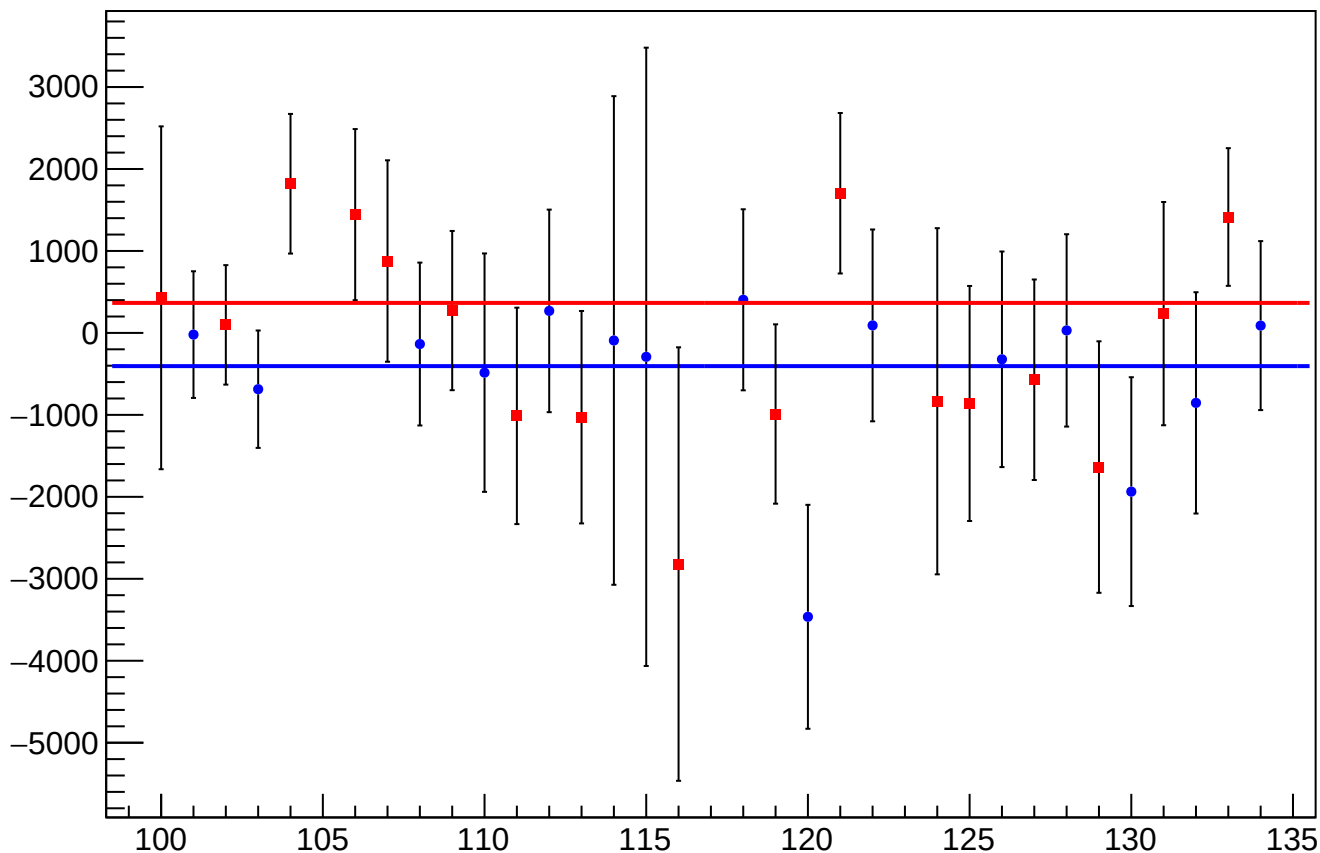
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 93.573 ± 0.018 $\chi^2/\text{NDF}: 145689.9/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_15_dd_eigen_cor_correction_mean vs Slug



Right In: -405.157 $\pm$ 296.951 χ^2 /NDF: 8.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 366.088 $\pm$ 276.507 χ^2 /NDF: 16.3/16

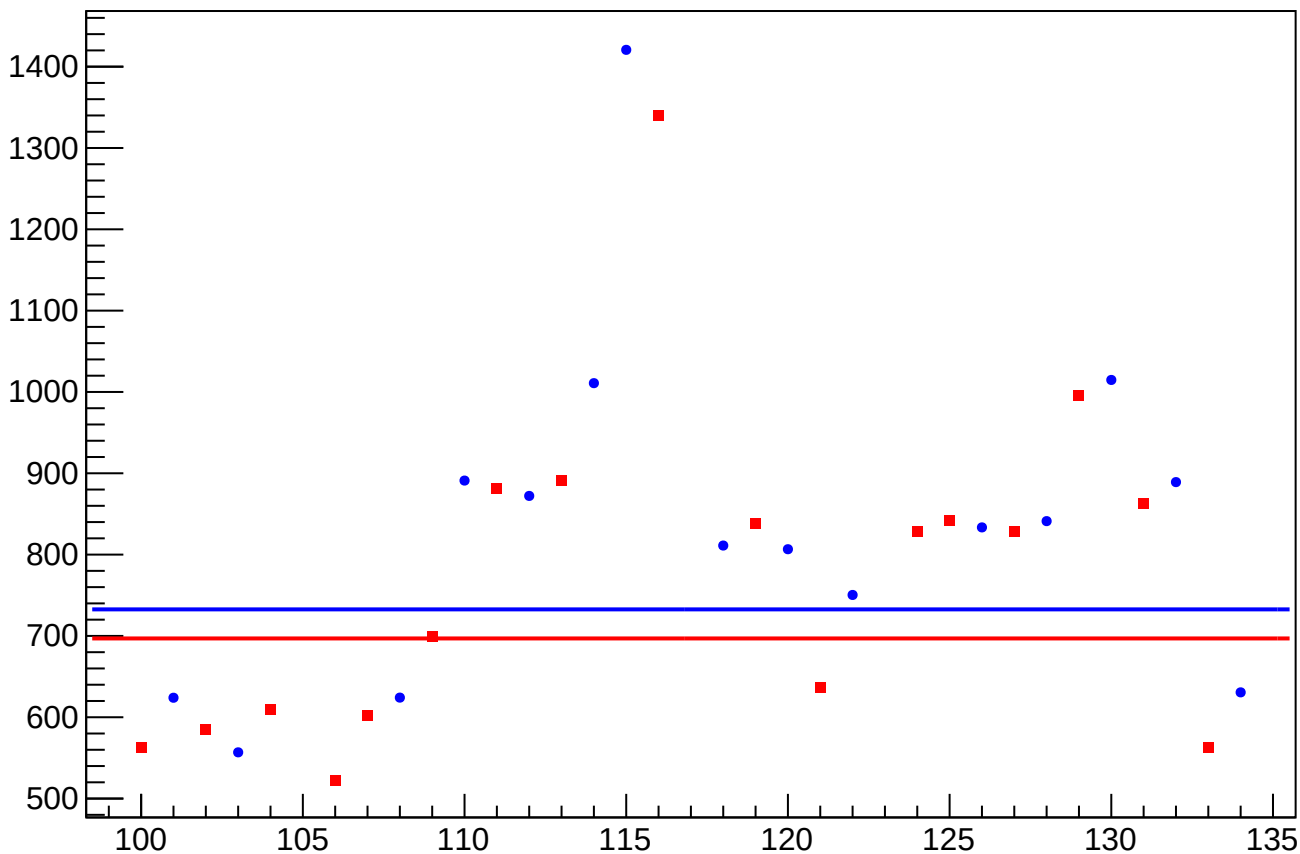
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.925 $\pm$ 202.362 χ^2 /NDF: 28.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_cor_correction_rms vs Slug



Right In: 732.644 $\pm$ 0.210 χ^2 /NDF: 490515.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 696.899 $\pm$ 0.196 χ^2 /NDF: 594913.4/16

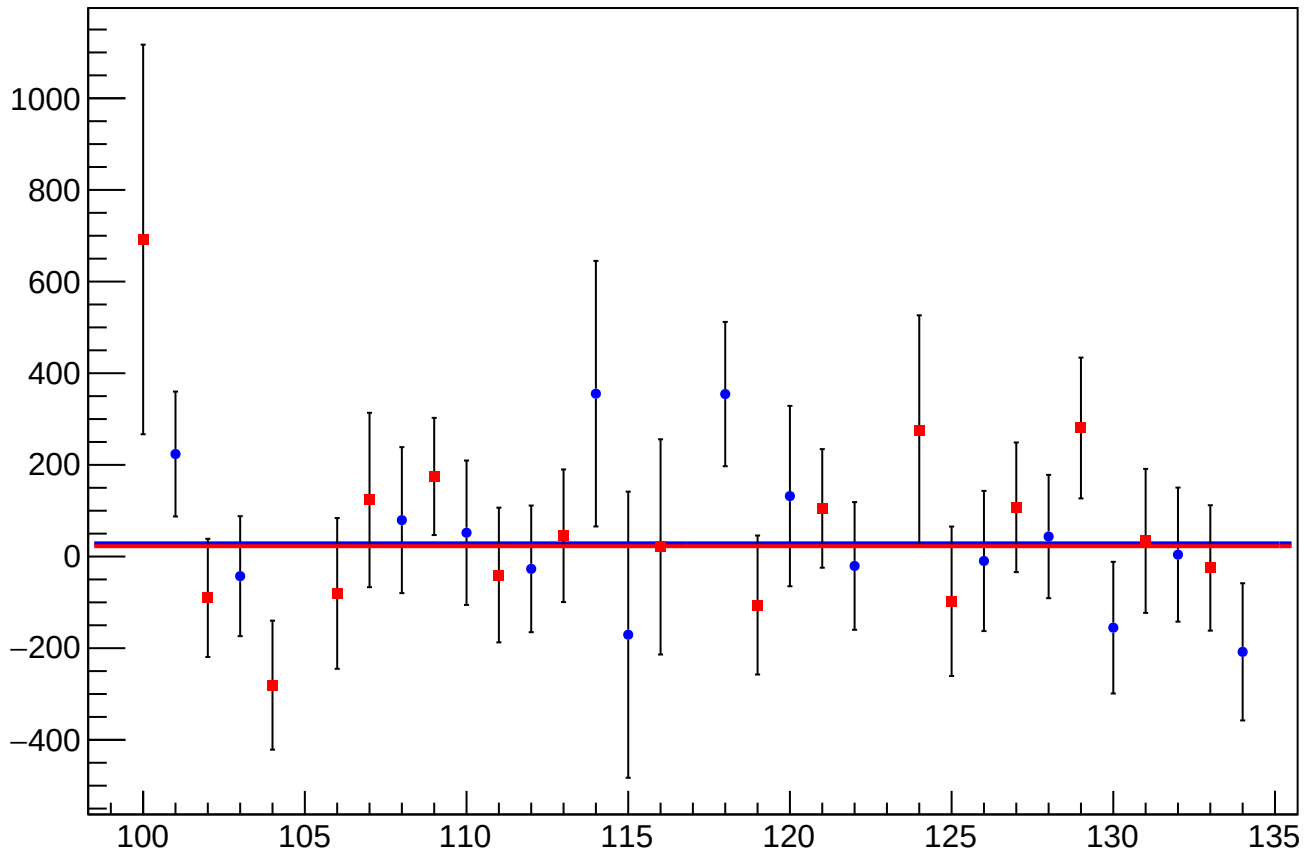
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 713.499 $\pm$ 0.143 χ^2 /NDF: 1100950.0/31

- sign 0.000 $\pm$ 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: 22.566 $\pm$ 37.876 χ^2 /NDF: 16.2/16

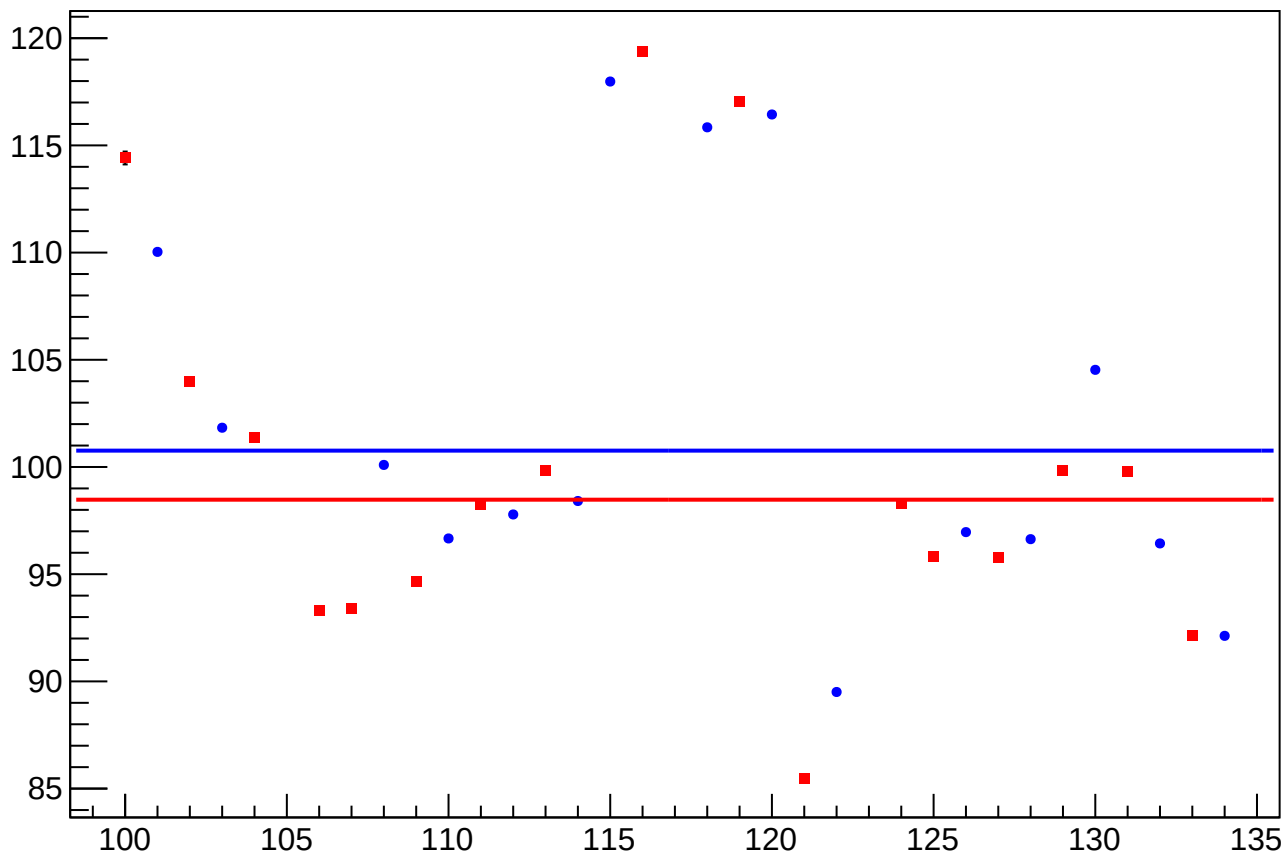
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.476 $\pm$ 27.535 χ^2 /NDF: 29.4/31

- 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: 98.475 $\pm$ 0.027 χ^2 /NDF: 84687.8/16

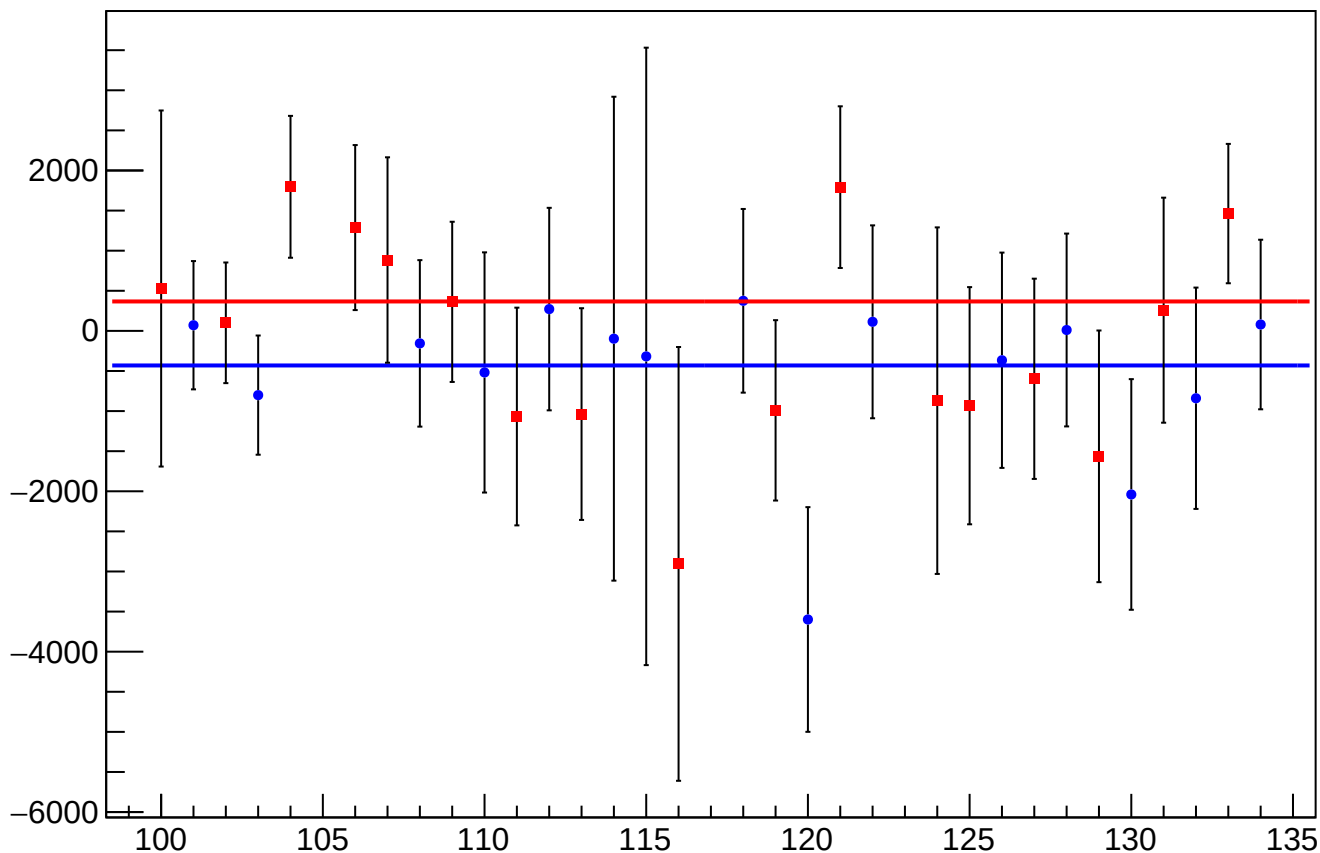
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 99.554 $\pm$ 0.019 χ^2 /NDF: 163035.6/31

- 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: 366.954+/-284.142 χ^2/NDF : 15.7/16

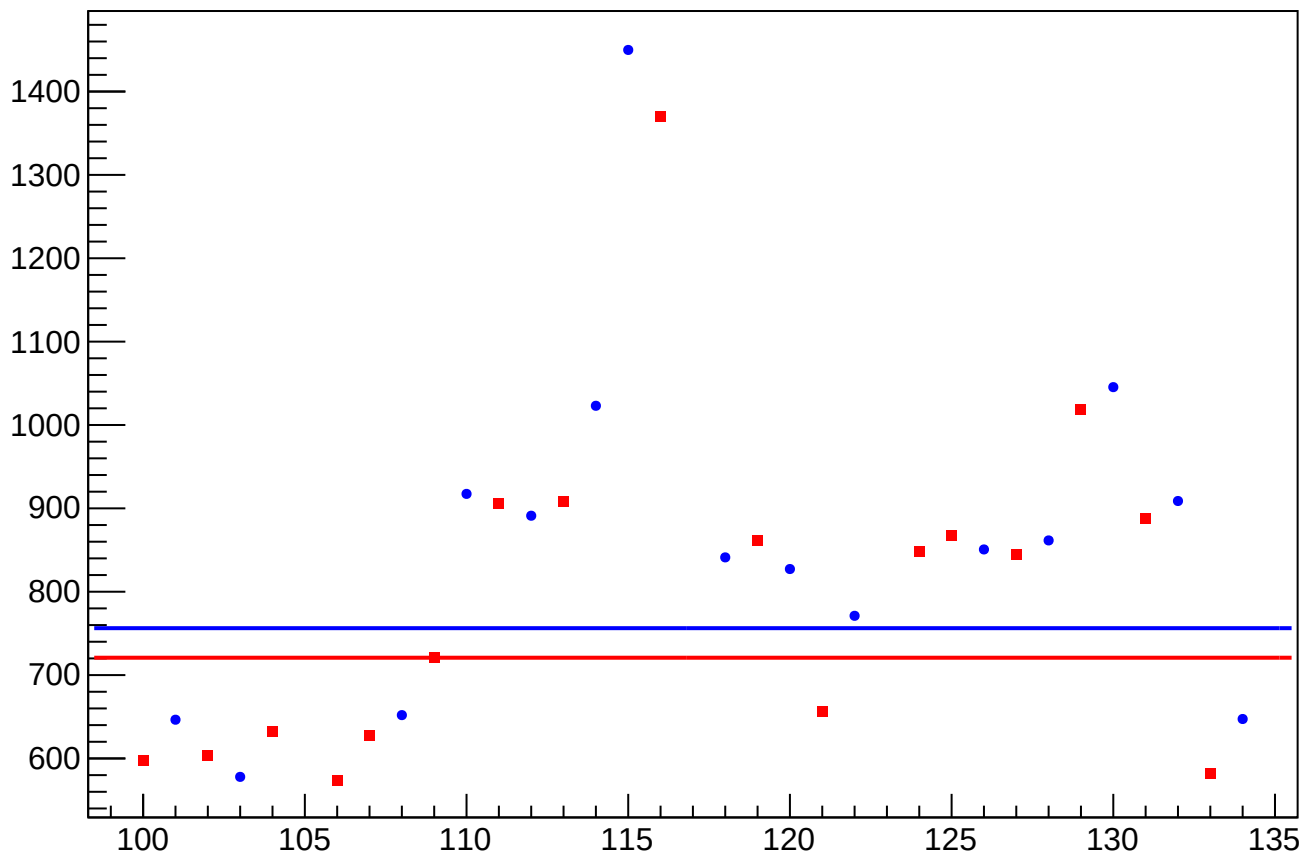
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.337+/-208.277 χ^2/NDF : 27.9/31

- 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: 720.836+/-0.201 χ^2/NDF : 555875.0/16

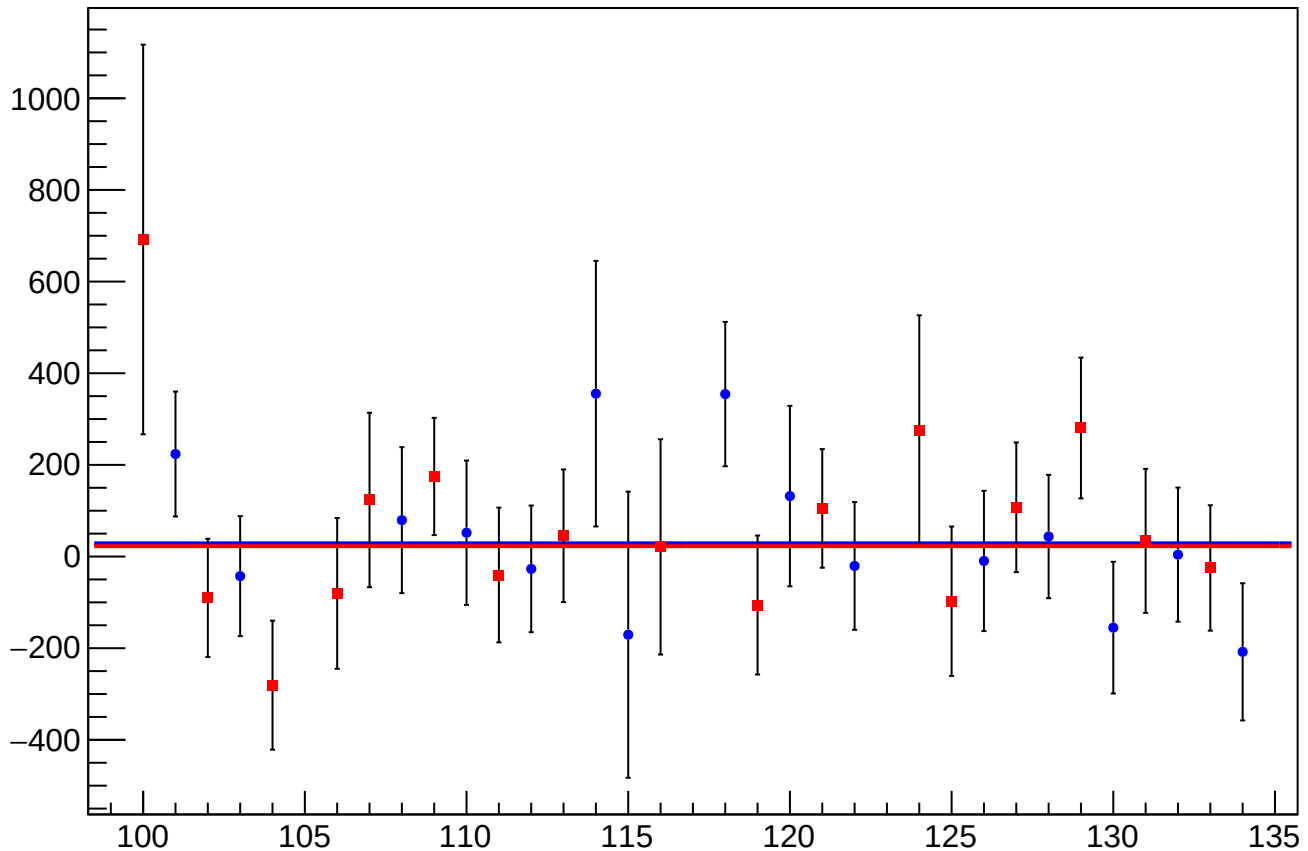
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 737.237+/-0.147 χ^2/NDF : 1038116.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_dd_mean vs Slug



Right In: 28.739+/-40.099 χ^2/NDF : 13.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.567+/-37.875 χ^2/NDF : 16.2/16

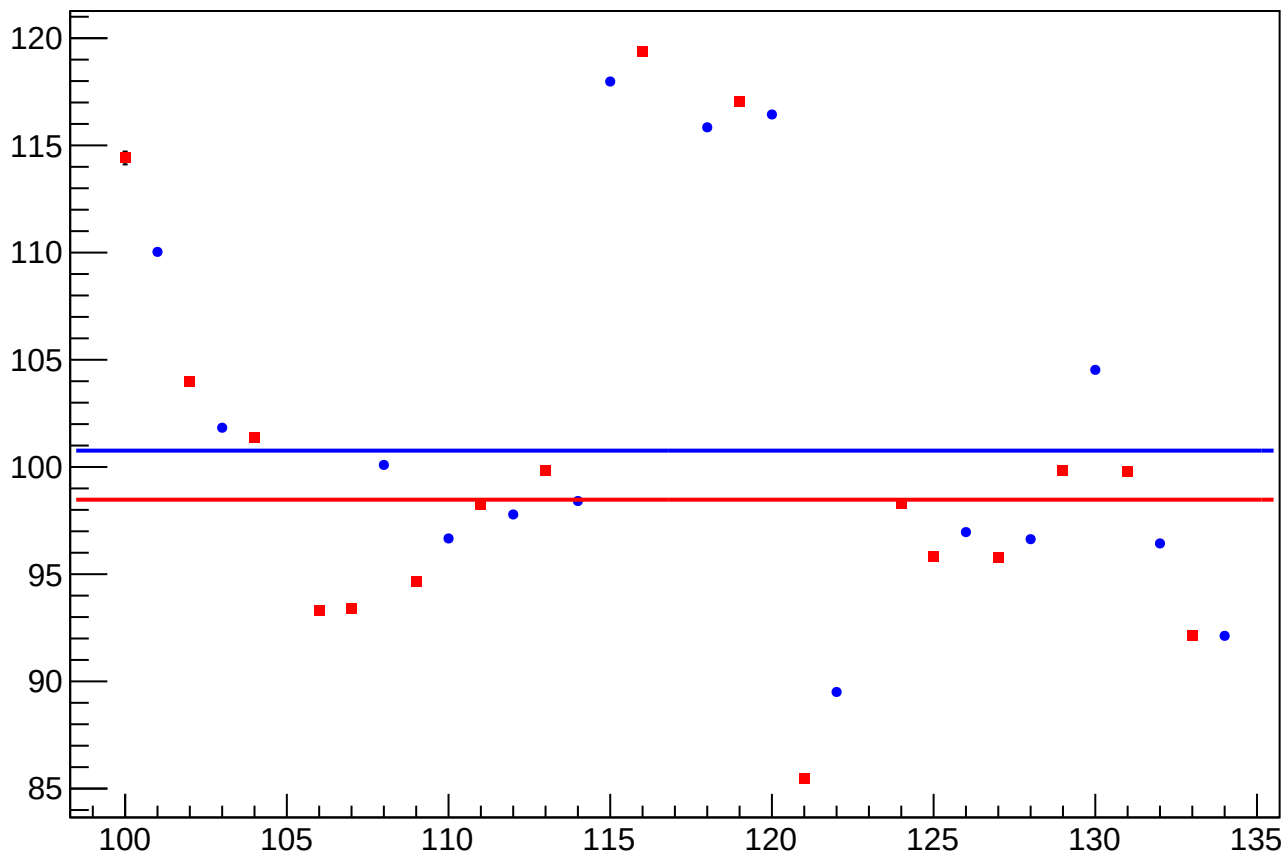
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.477+/-27.535 χ^2/NDF : 29.4/31

- sign 0.000+/-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: 98.474 $\pm$ 0.027 χ^2 /NDF: 84688.8/16

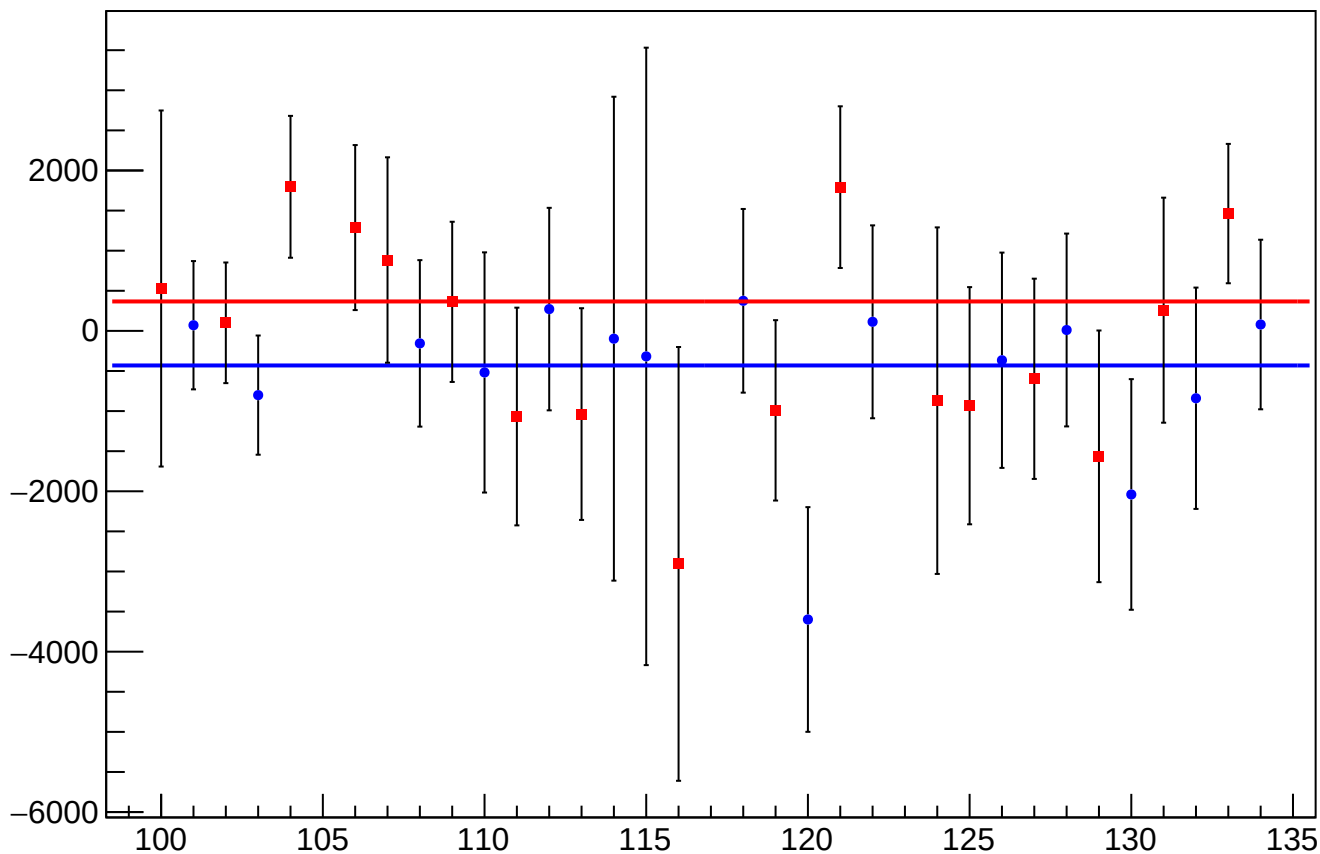
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 99.553 $\pm$ 0.019 χ^2 /NDF: 163035.7/31

- 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: 366.954+/-284.142 χ^2/NDF : 15.7/16

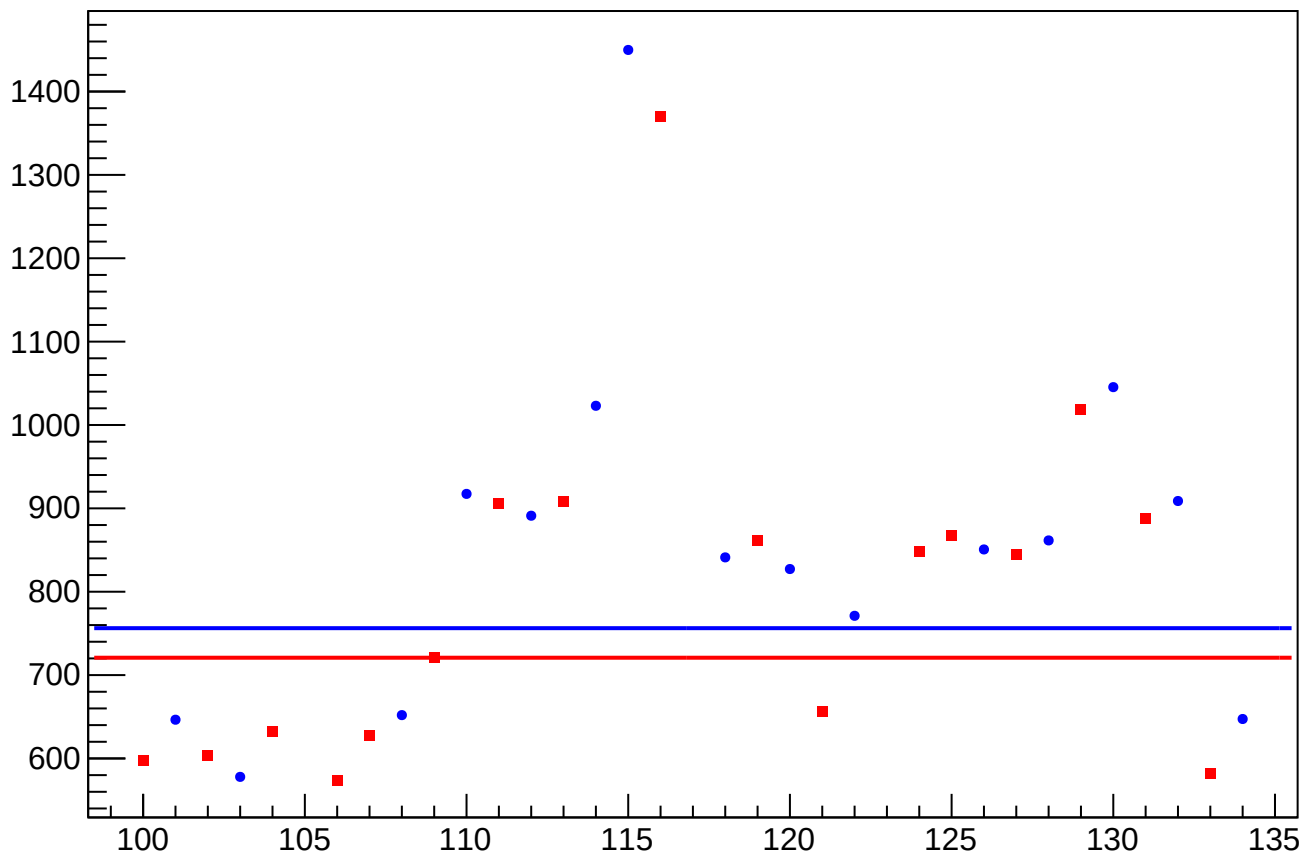
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.336+/-208.277 χ^2/NDF : 27.9/31

- 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: 720.835 $\pm$ 0.201 χ^2 /NDF: 555874.4/16

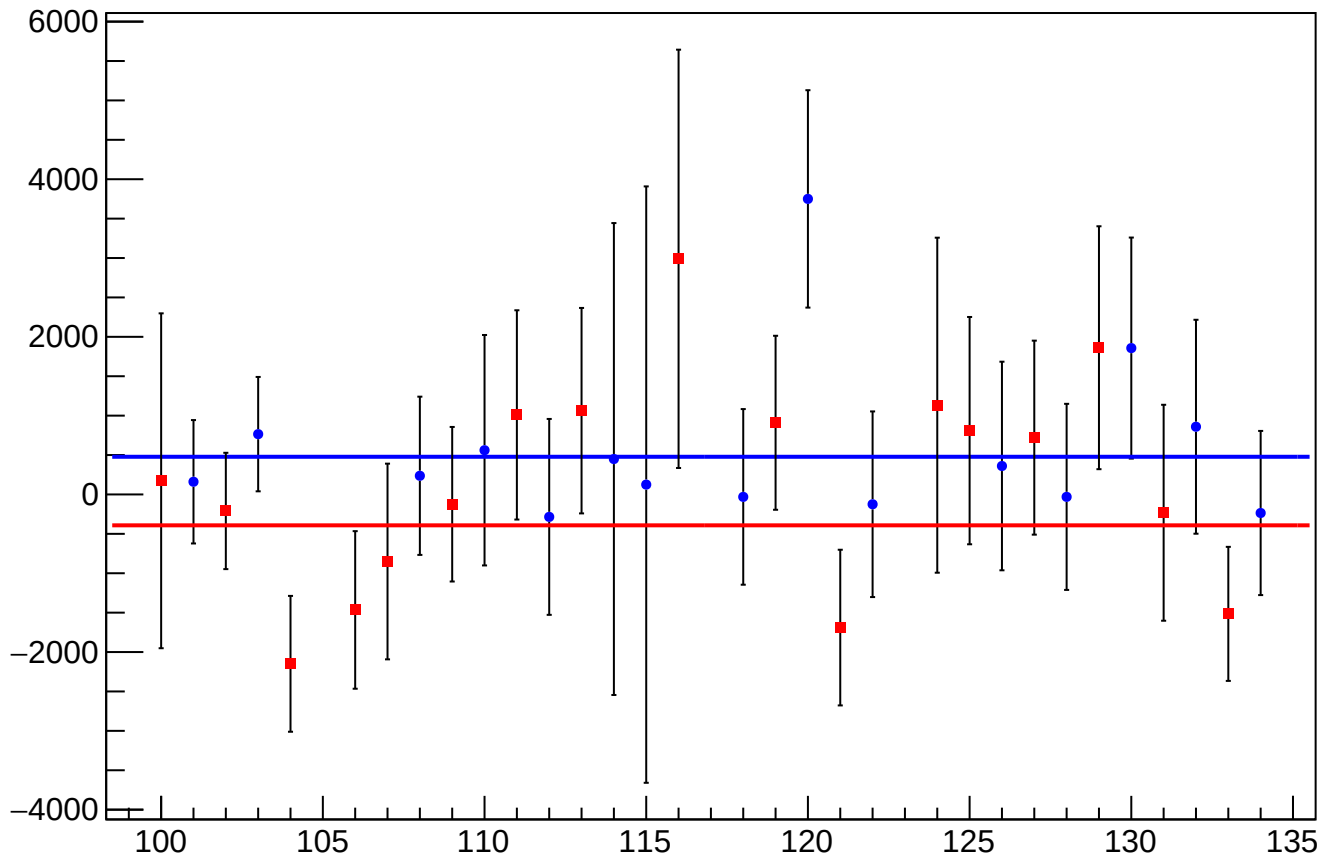
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 737.236 $\pm$ 0.147 χ^2 /NDF: 1038113.1/31

- 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: -391.994 $\pm$ 278.063 χ^2 /NDF: 18.7/16

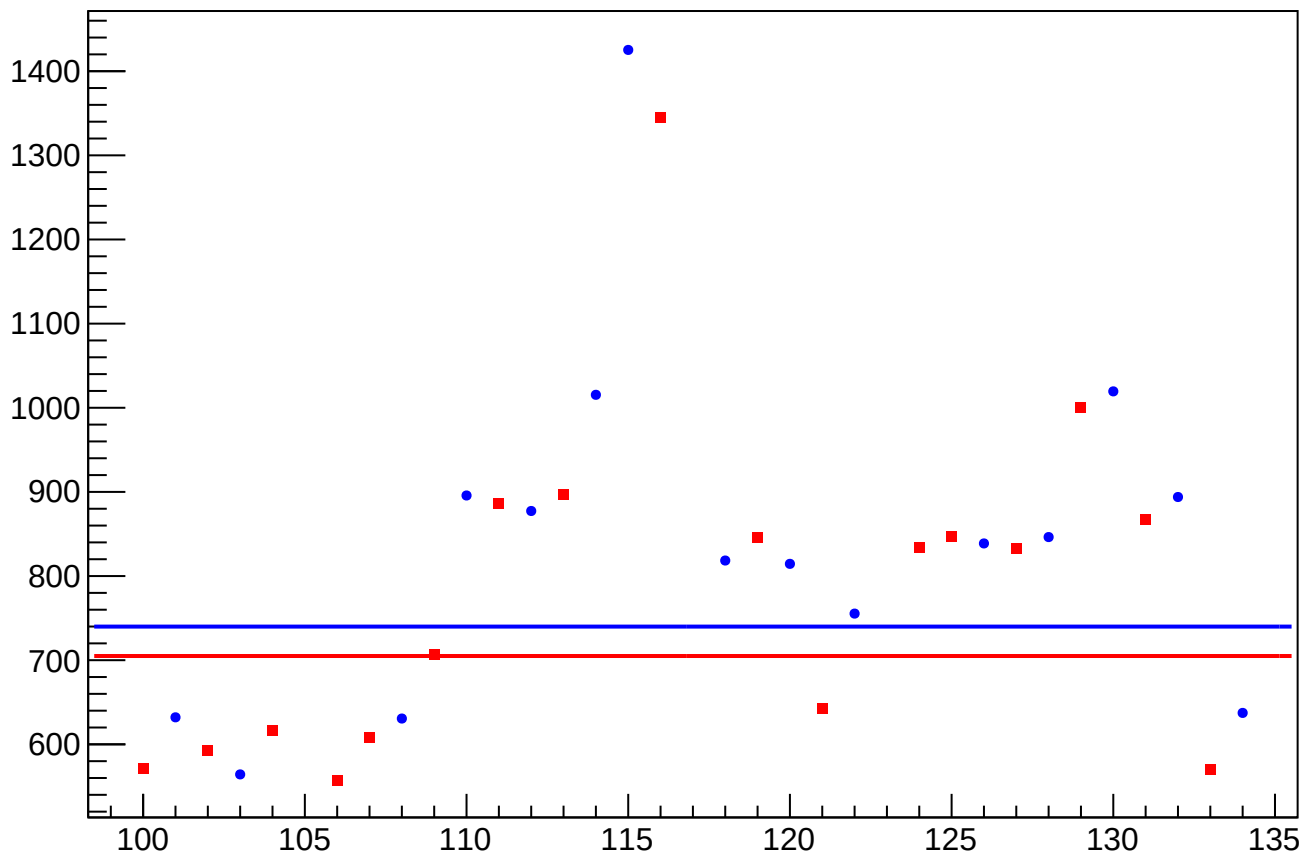
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.415 $\pm$ 203.850 χ^2 /NDF: 31.8/31

- 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: 704.976+/-0.197 χ^2/NDF : 568772.4/16

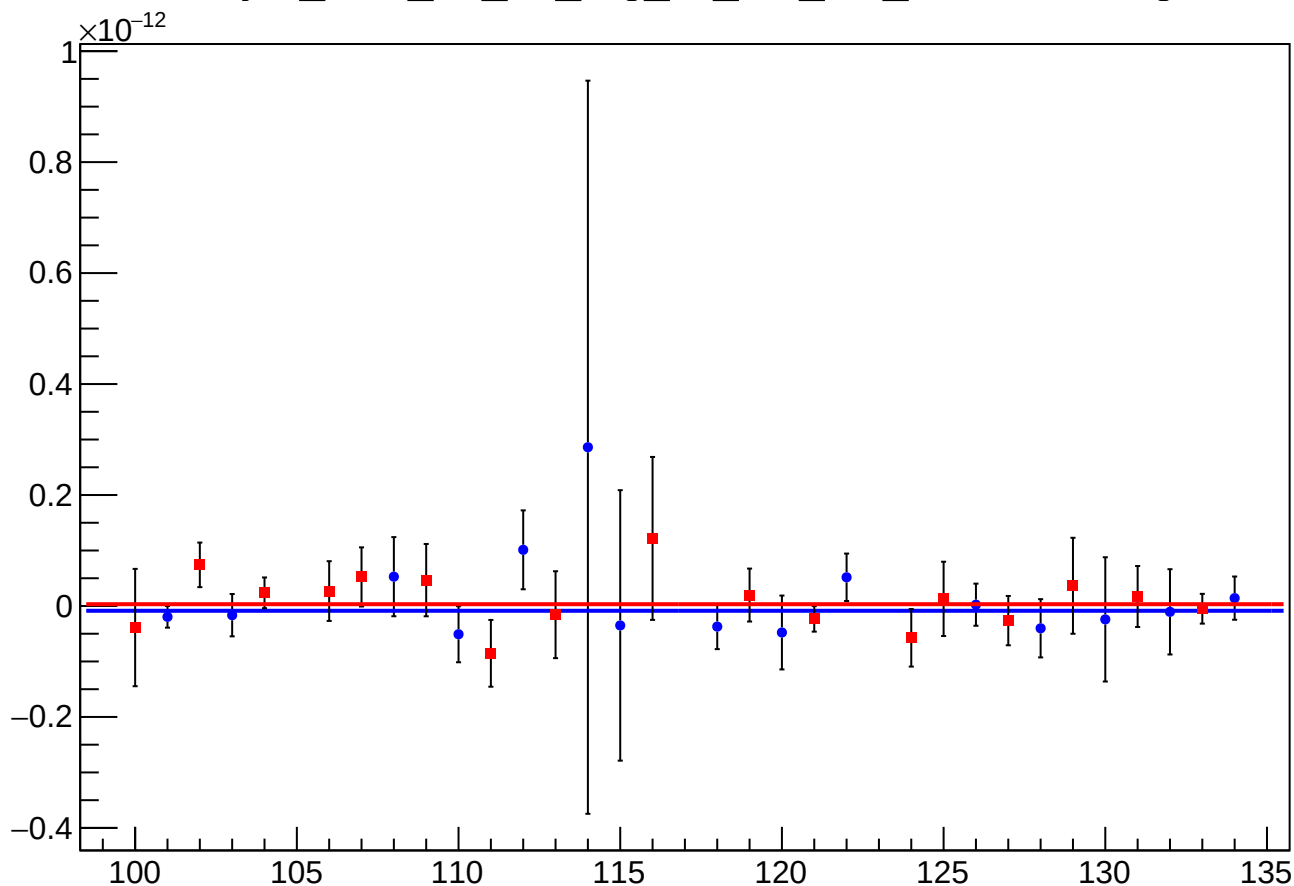
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 721.149+/-0.144 χ^2/NDF : 1060027.2/31

- 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 ± 0.000 χ^2/NDF : 8.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 11.8/16

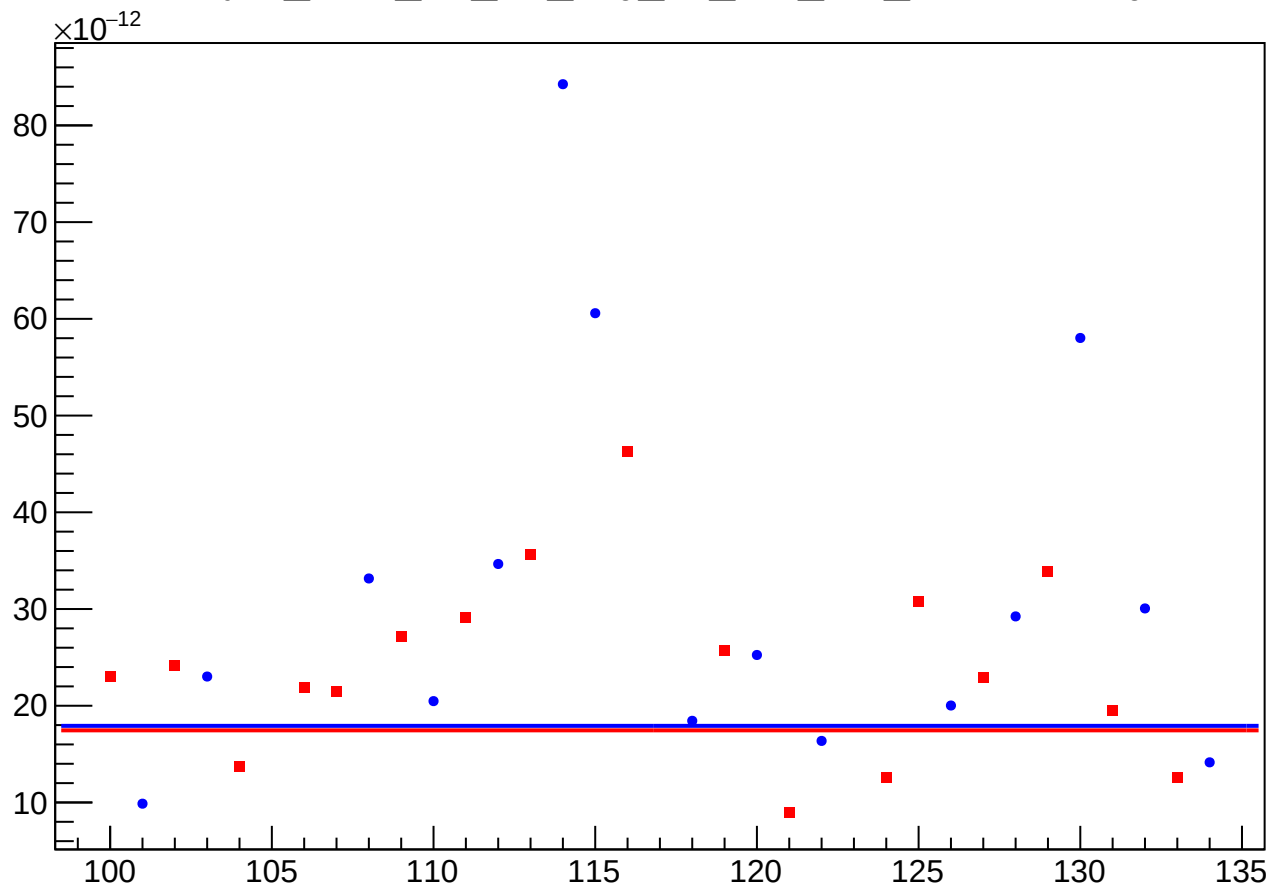
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 20.4/31

- sign 0.000 ± 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 : 1028306.0/16

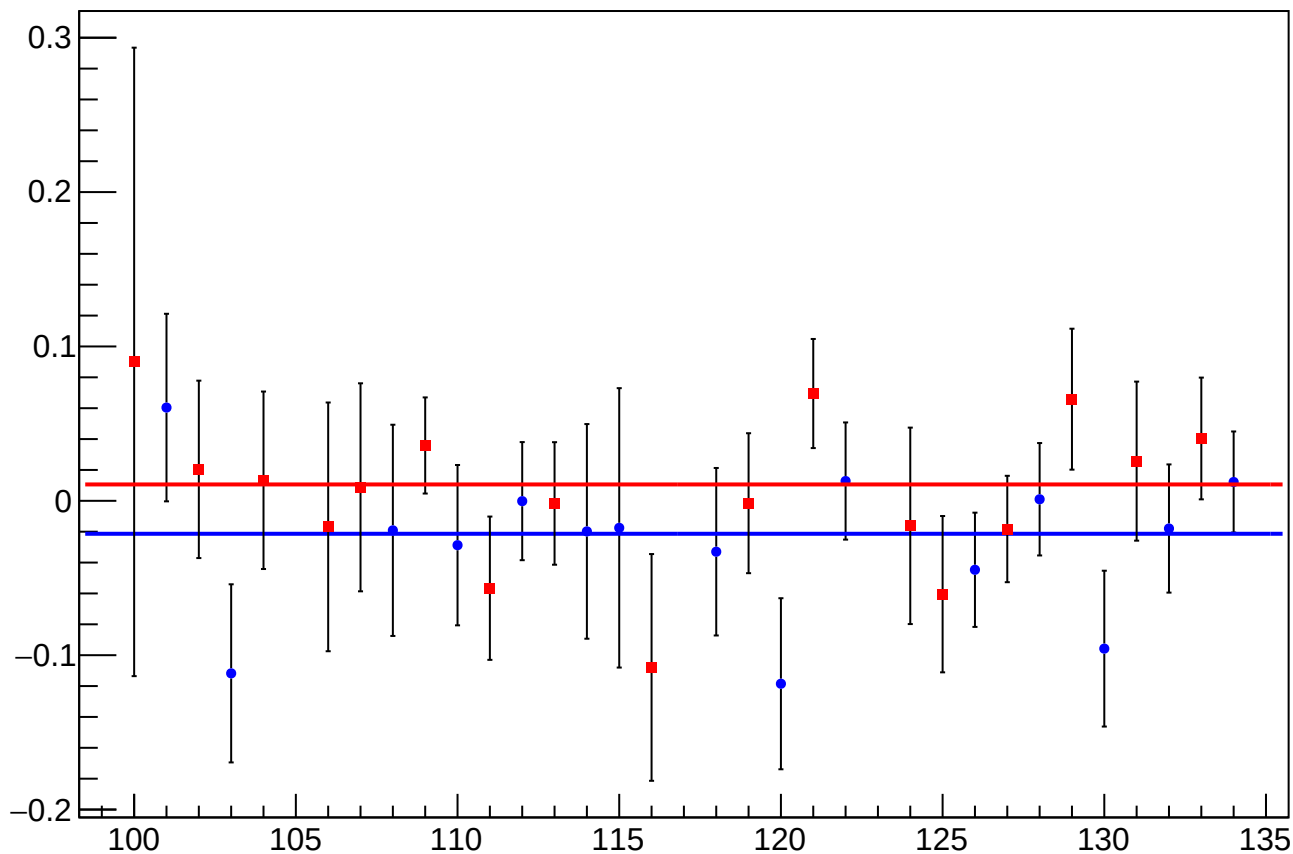
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2145928.6/31

- 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: 0.011 ± 0.011 χ^2/NDF : 13.6/16

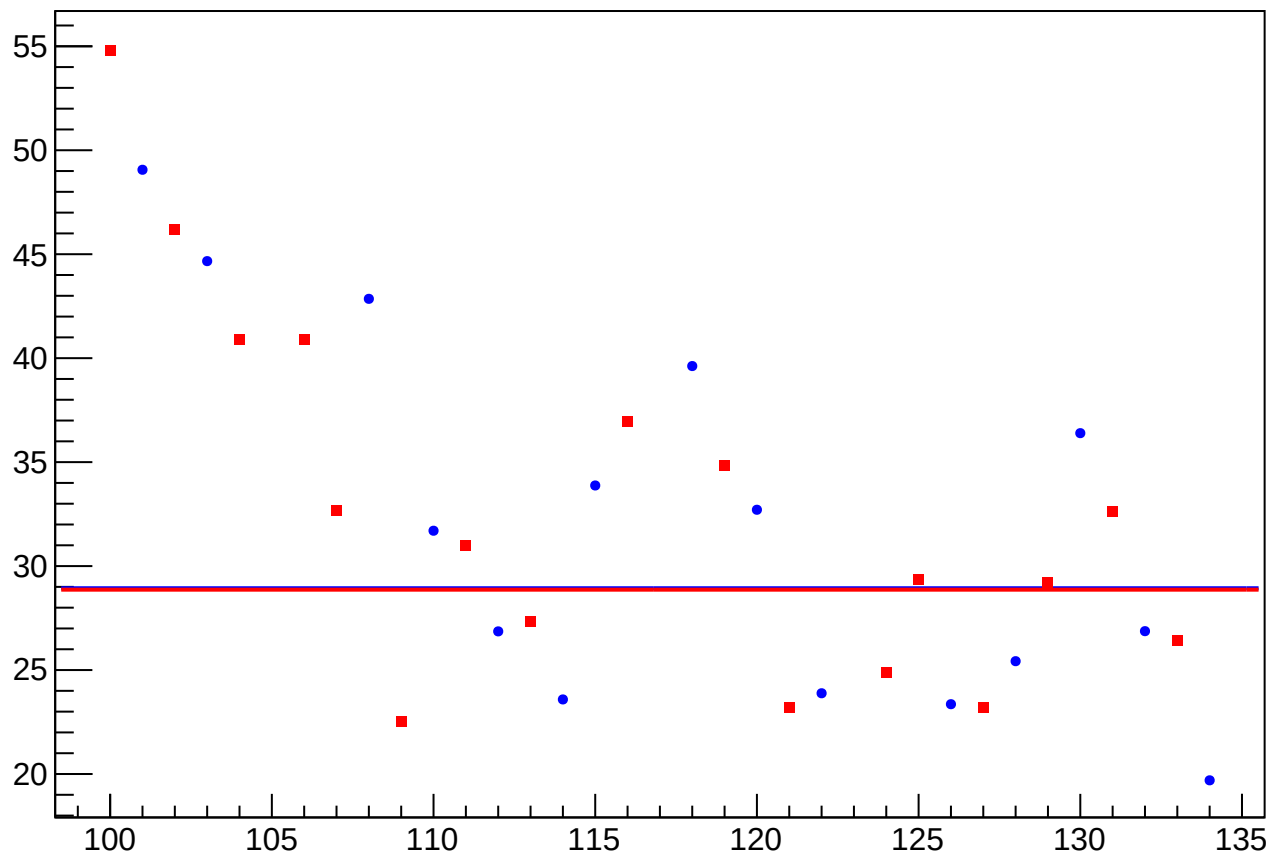
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.005 ± 0.008 χ^2/NDF : 29.8/31

- 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: 28.866 $\pm$ 0.008 χ^2 /NDF: 634049.0/16

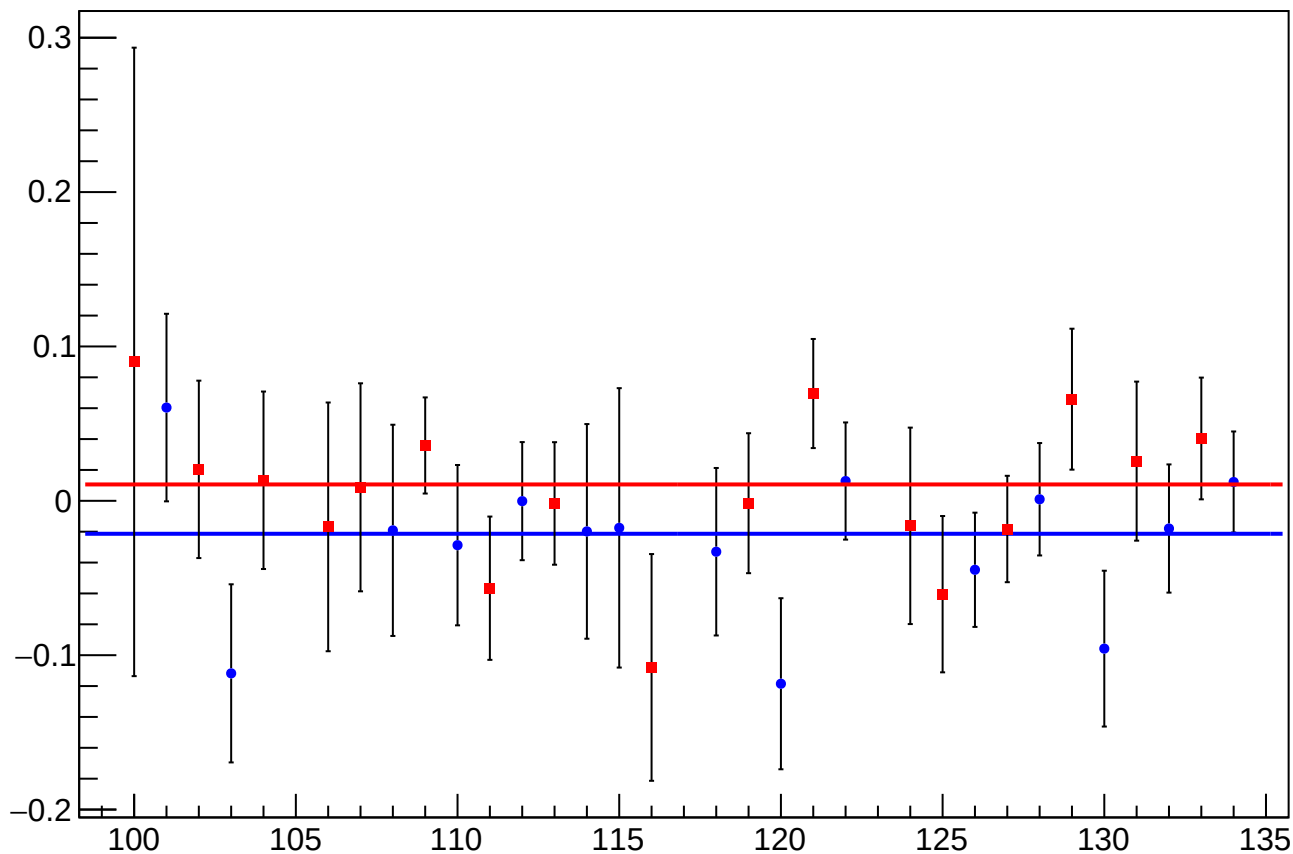
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.899 $\pm$ 0.006 χ^2 /NDF: 1508632.7/31

- 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 ± 0.012 χ^2/NDF : 12.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.011 ± 0.011 χ^2/NDF : 13.6/16

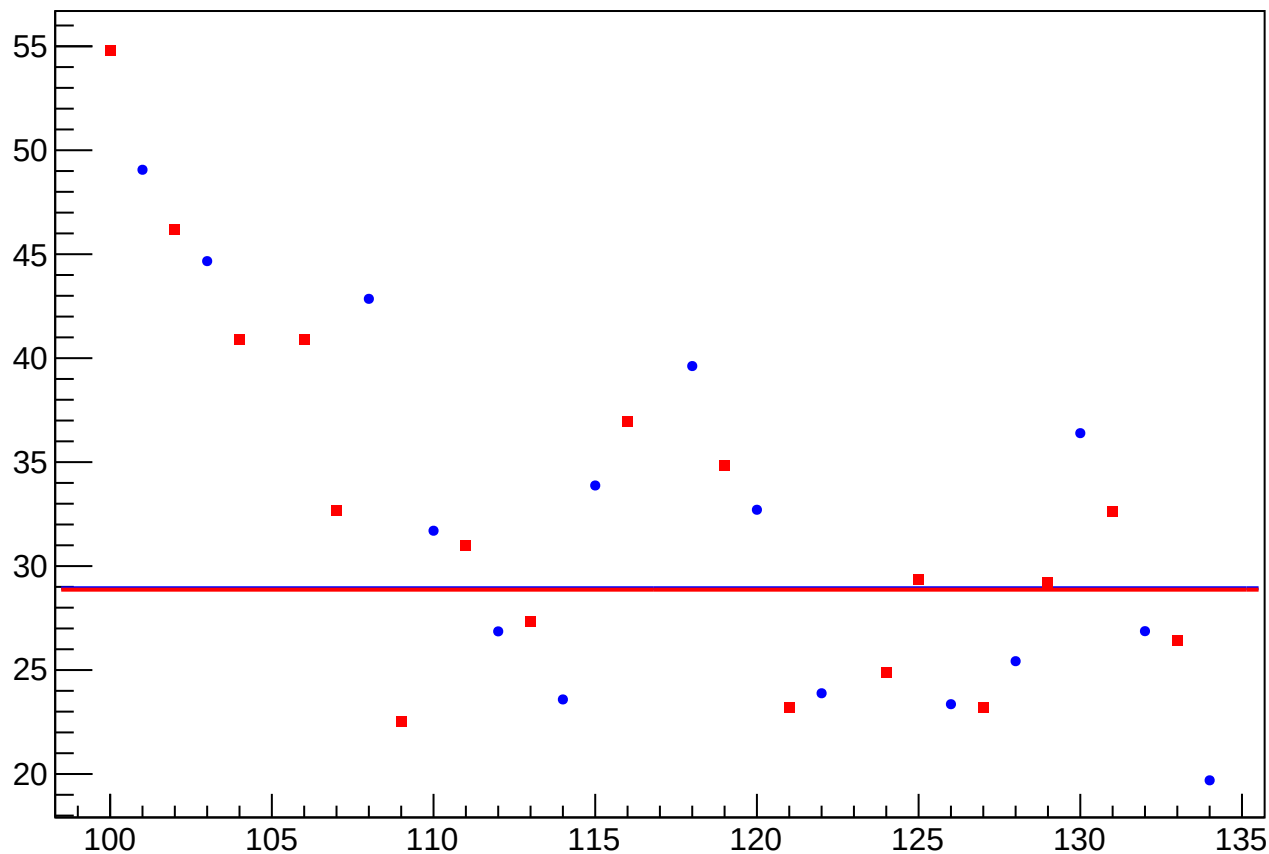
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.005 ± 0.008 χ^2/NDF : 29.8/31

- sign 0.000 ± 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: 28.866 $\pm$ 0.008 χ^2 /NDF: 634049.0/16

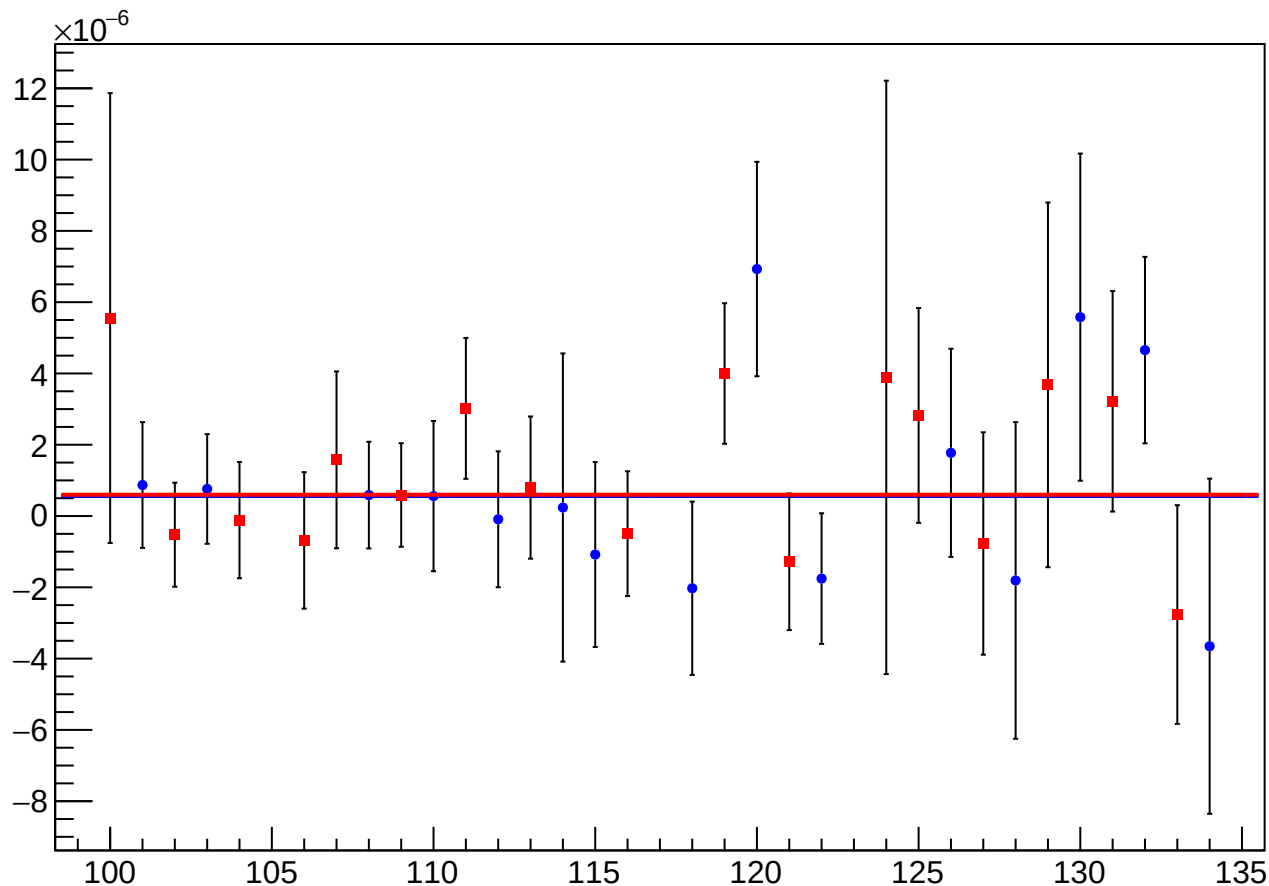
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.899 $\pm$ 0.006 χ^2 /NDF: 1508632.7/31

- 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+/-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 : 11.0/16

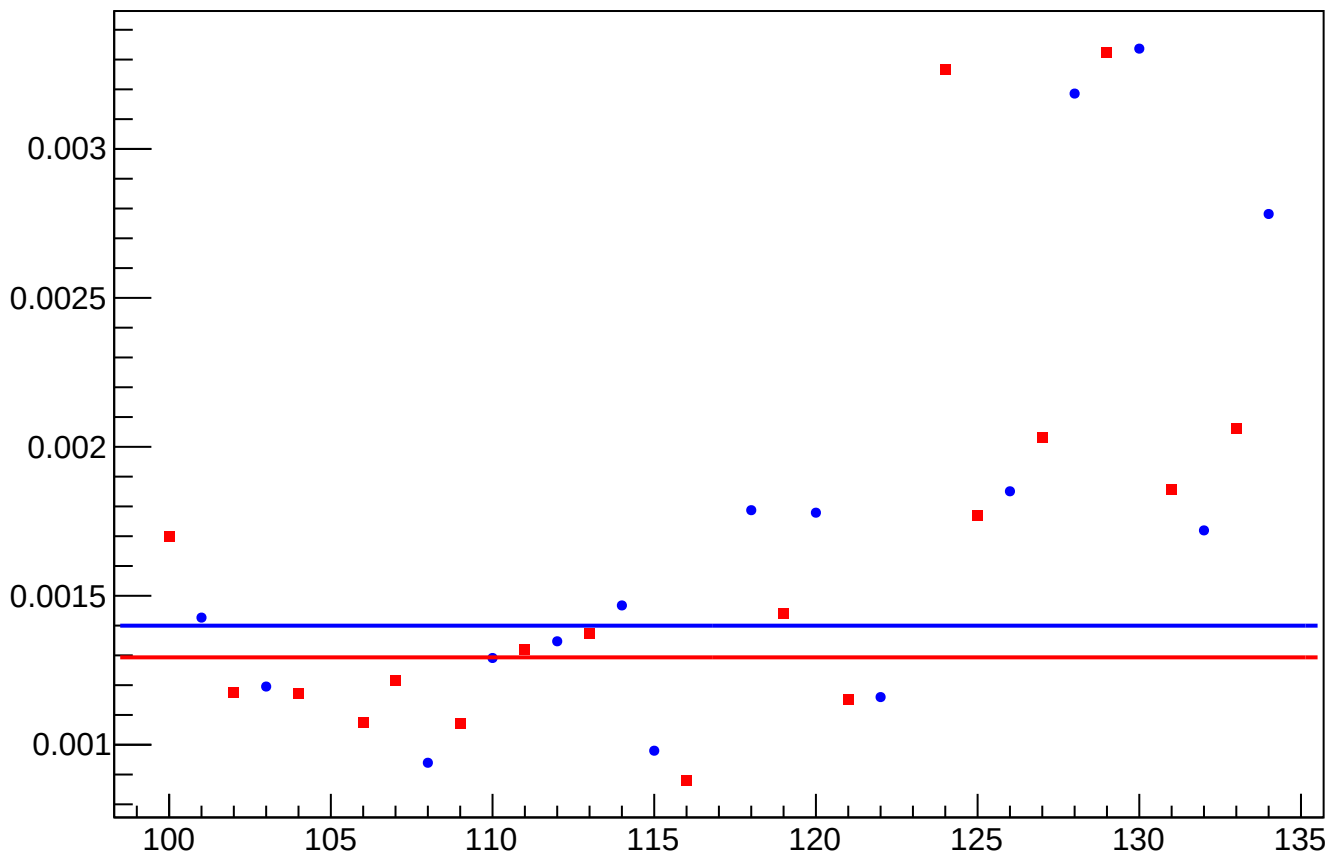
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.7/31

- sign 0.000+/-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 : 1023477.8/16

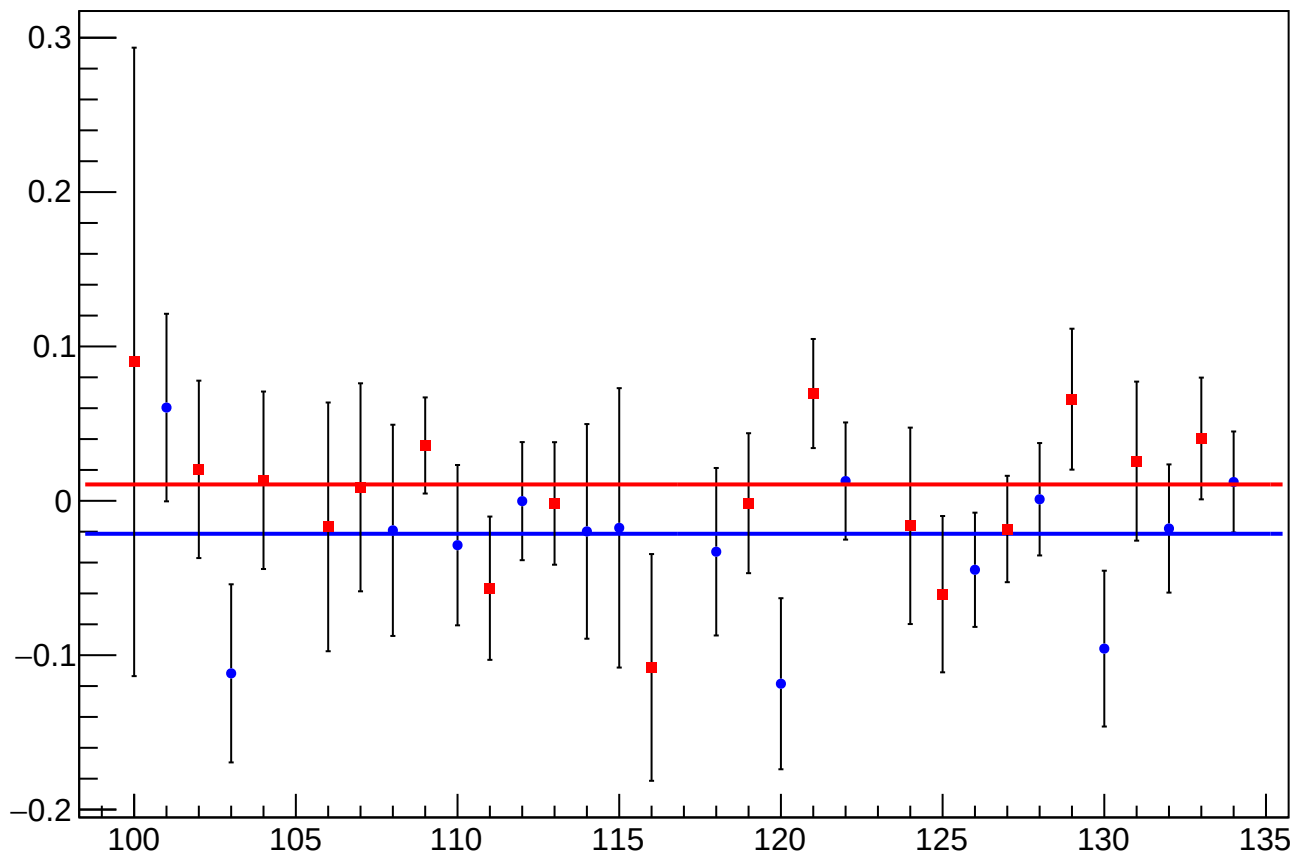
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2391432.8/31

- 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 ± 0.012 χ^2/NDF : 12.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.011 ± 0.011 χ^2/NDF : 13.6/16

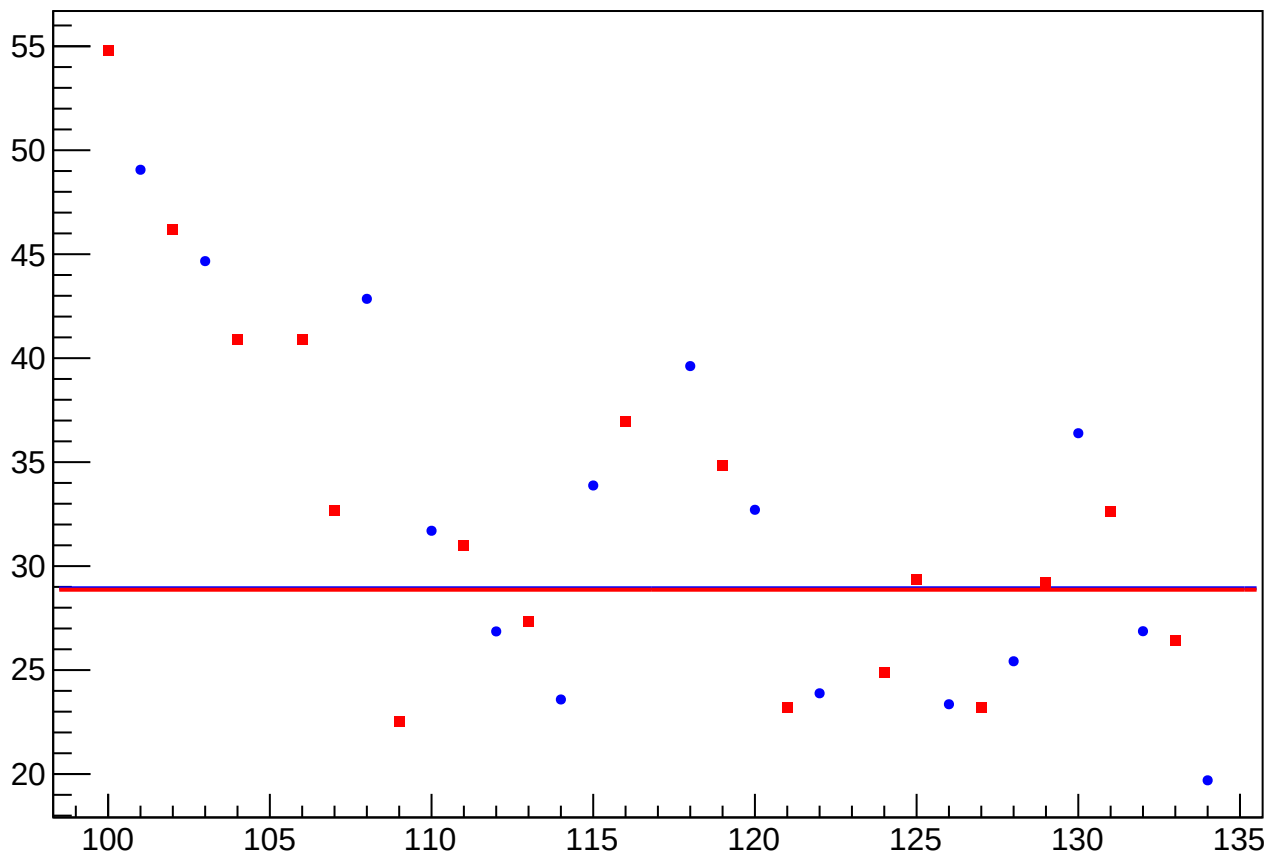
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.005 ± 0.008 χ^2/NDF : 29.8/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 28.934 $\pm$ 0.009 χ^2 /NDF: 874463.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.864 $\pm$ 0.008 χ^2 /NDF: 634125.8/16

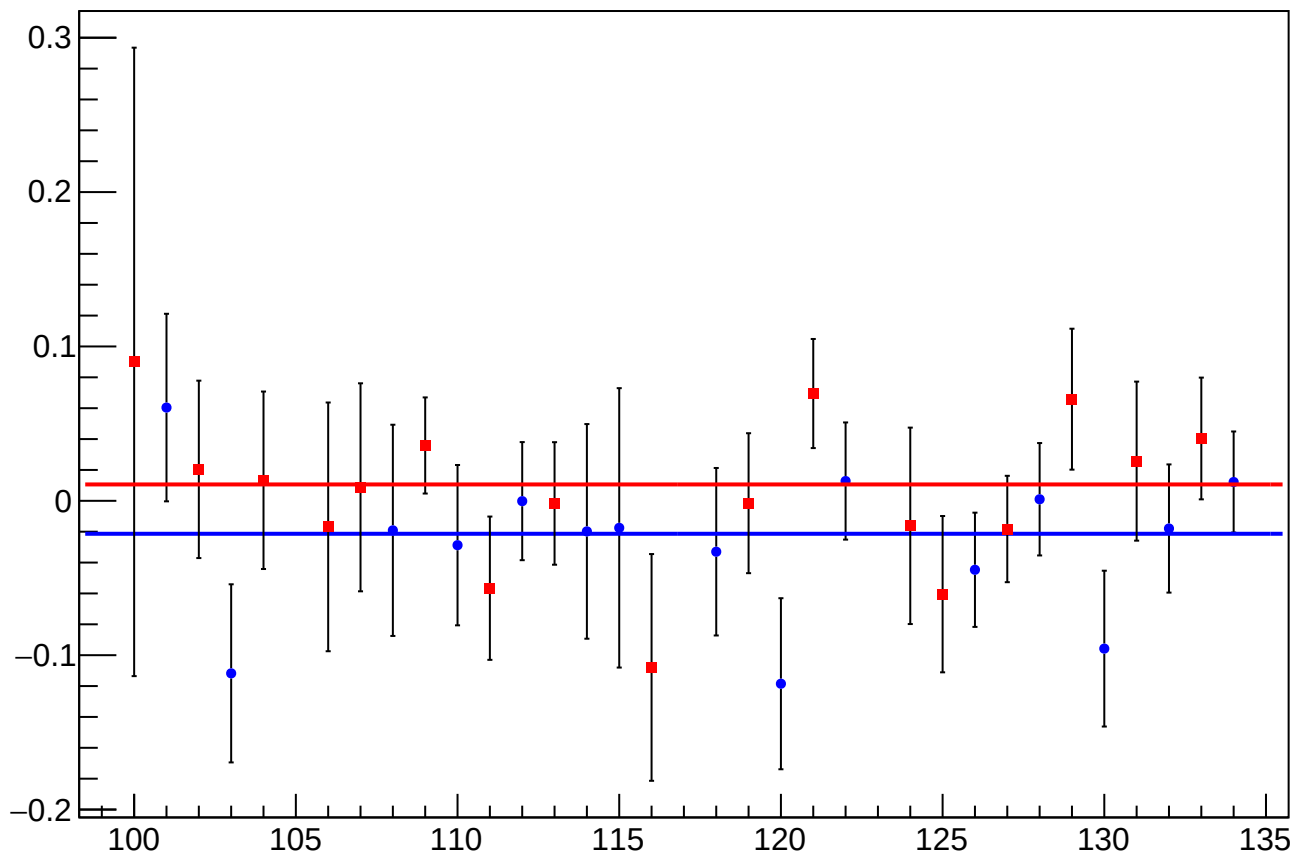
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.898 $\pm$ 0.006 χ^2 /NDF: 1508624.1/31

- sign 0.000 $\pm$ 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 ± 0.012 χ^2/NDF : 12.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.011 ± 0.011 χ^2/NDF : 13.6/16

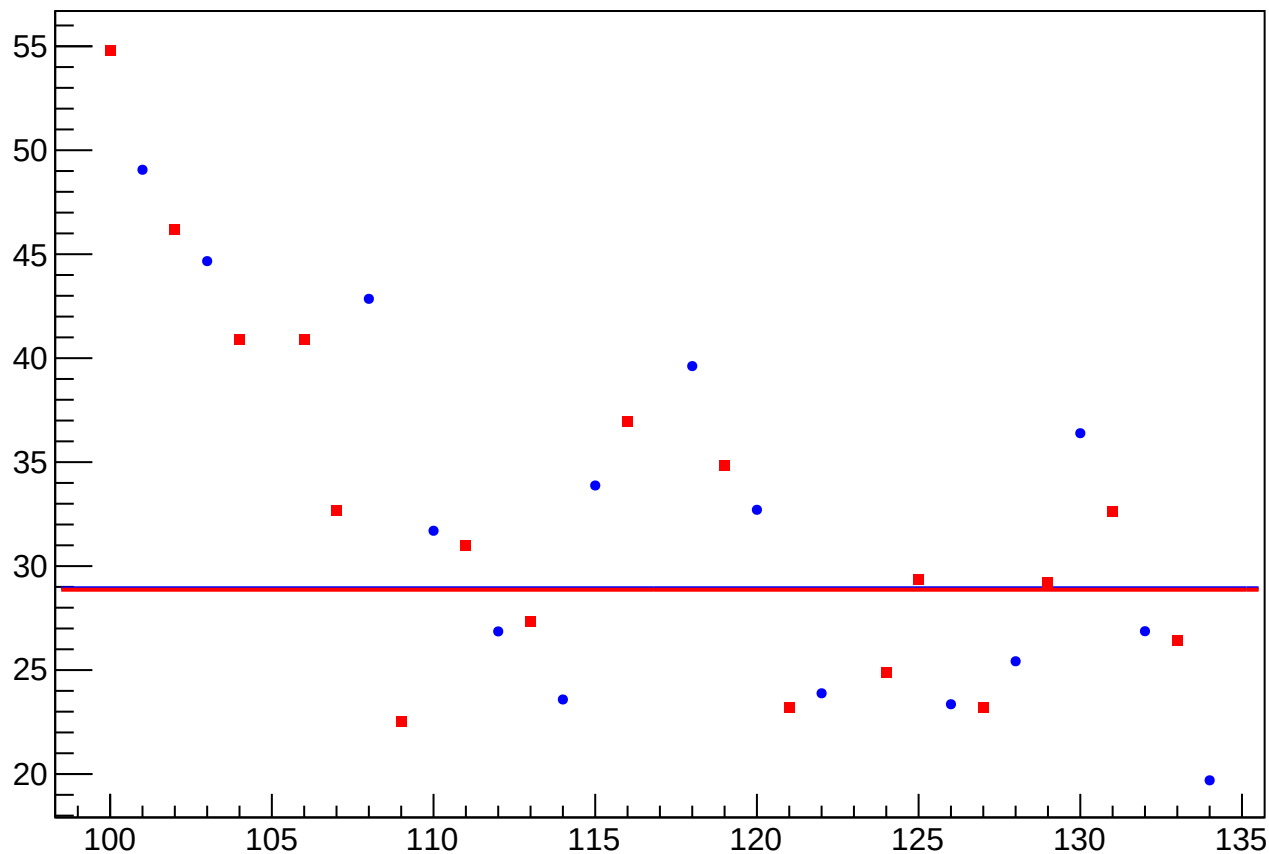
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.005 ± 0.008 χ^2/NDF : 29.8/31

- sign 0.000 ± 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: 28.864+/-0.008 χ^2/NDF : 634125.8/16

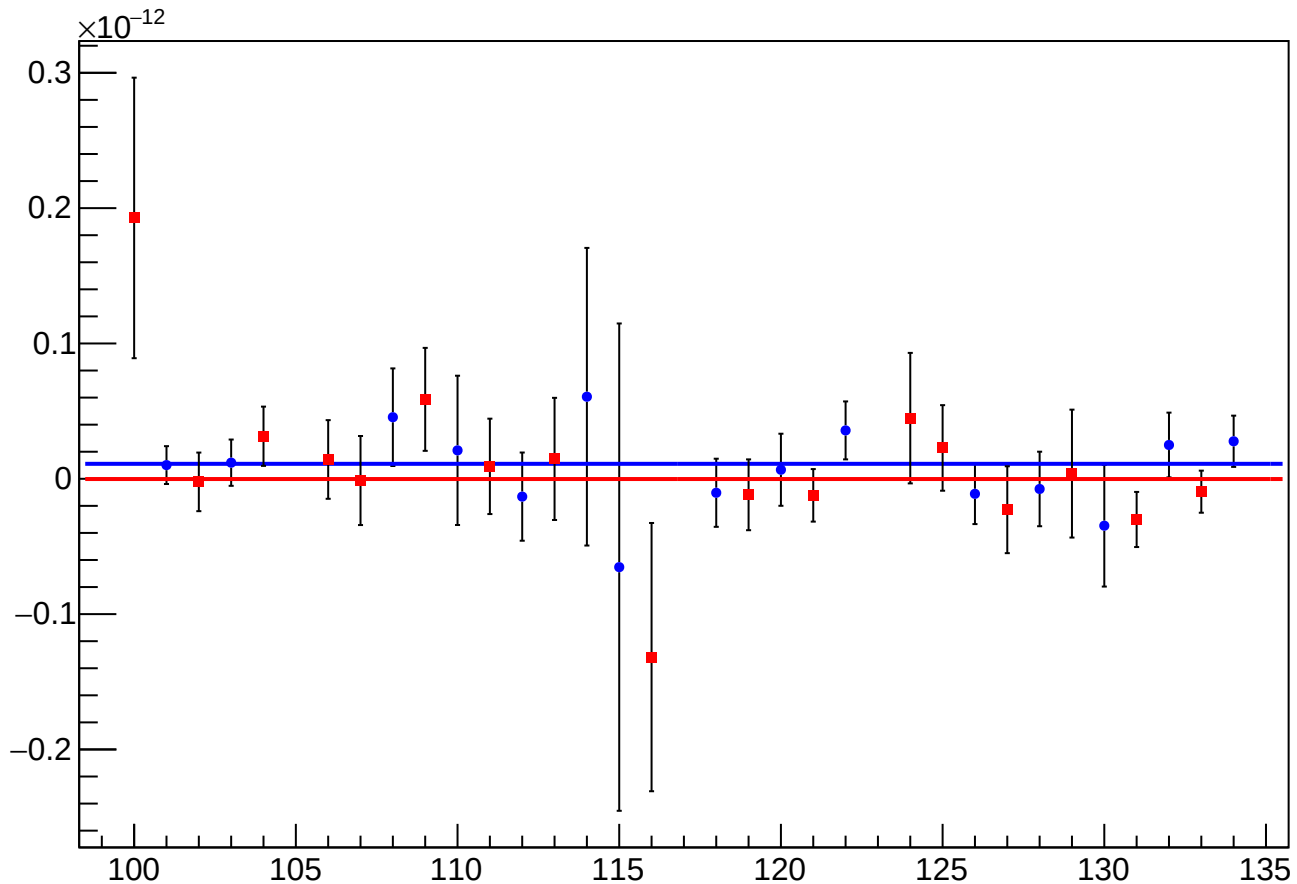
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

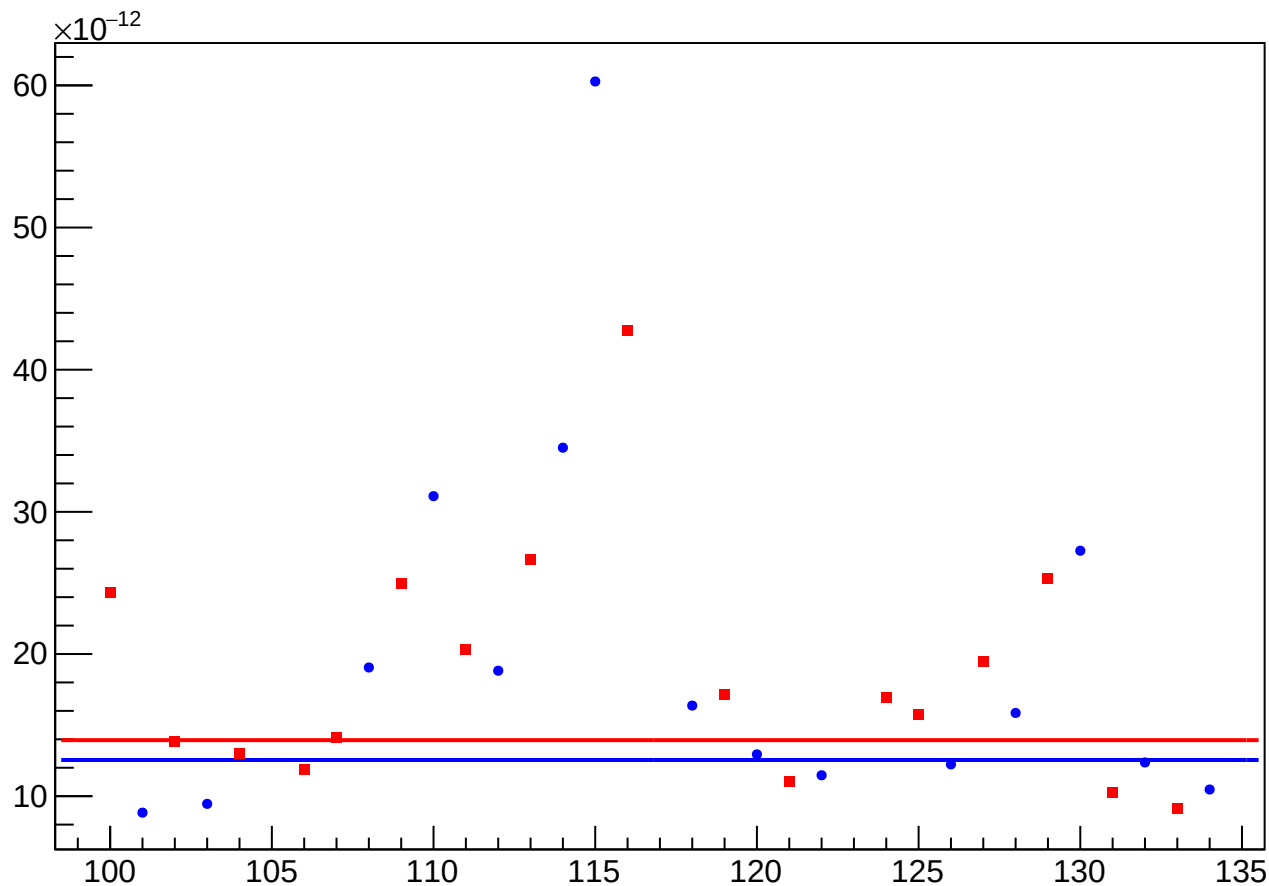
All: 28.898+/-0.006 χ^2/NDF : 1508624.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_cor_vs_cor_diff_mean vs Slug



asym_sam_15_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1111149.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1117576.7/16

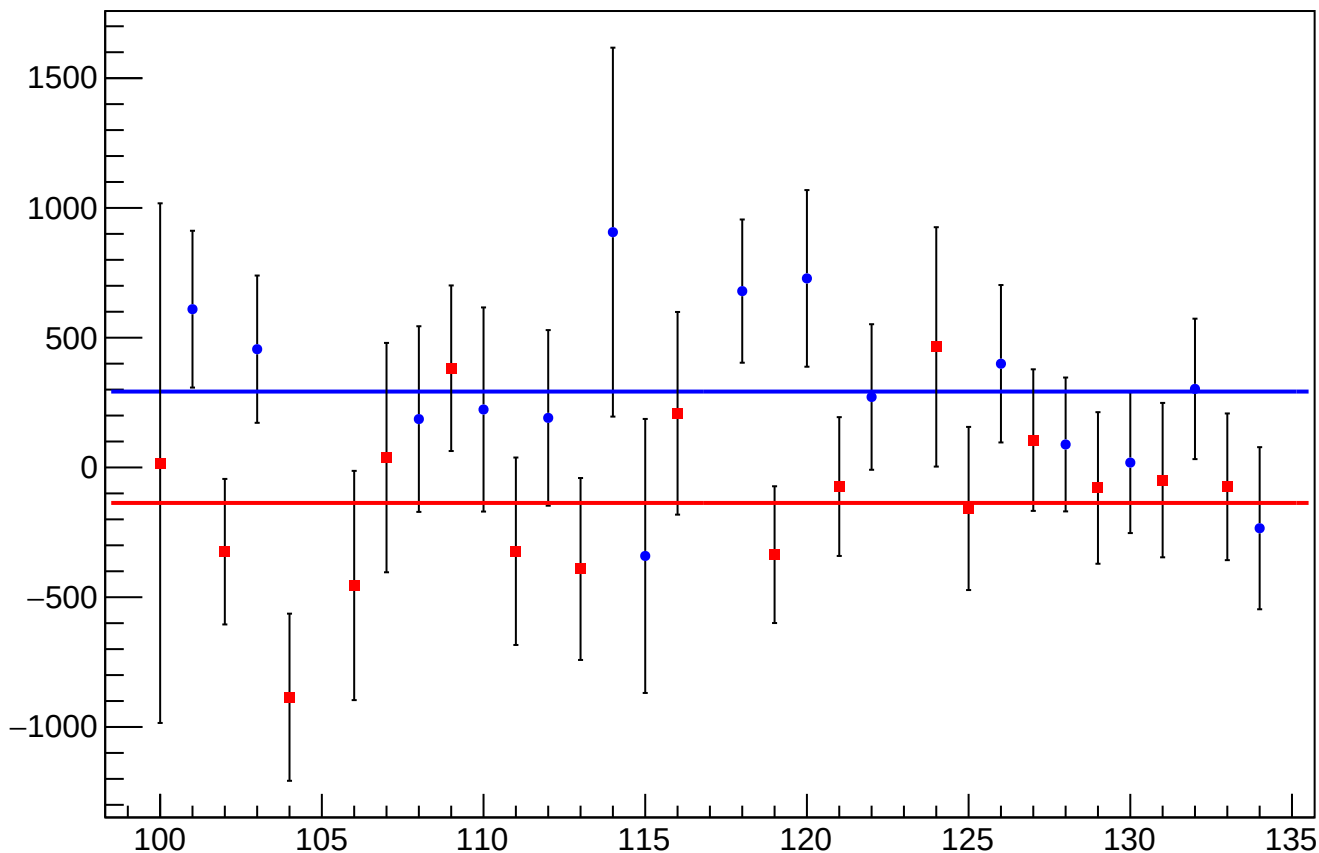
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2273588.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_mean vs Slug



Right In: 292.439+/-81.699 χ^2/NDF : 12.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -136.714+/-79.557 χ^2/NDF : 14.1/16

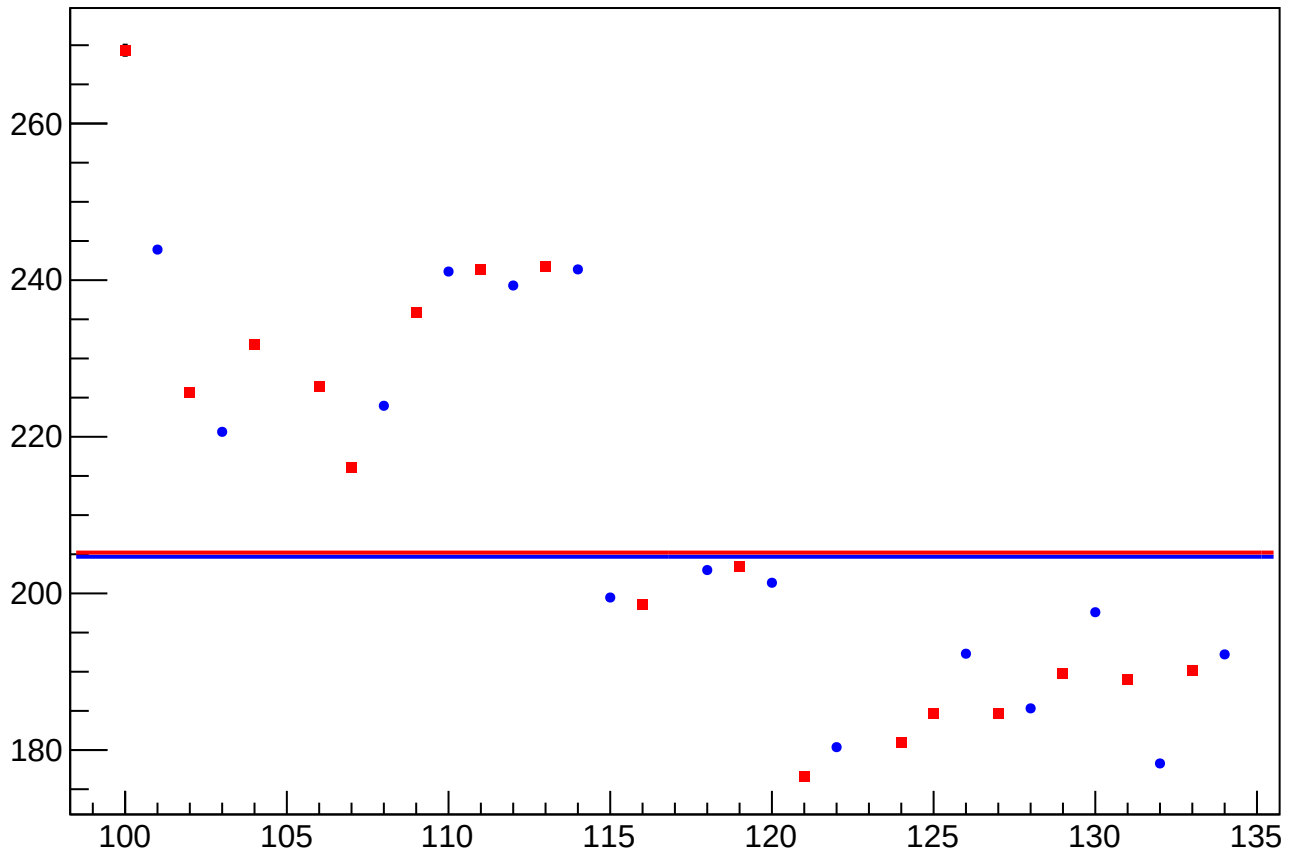
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.163+/-56.998 χ^2/NDF : 40.3/31

- sign 0.000+/-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: 205.216 $\pm$ 0.056 χ^2 /NDF: 164615.5/16

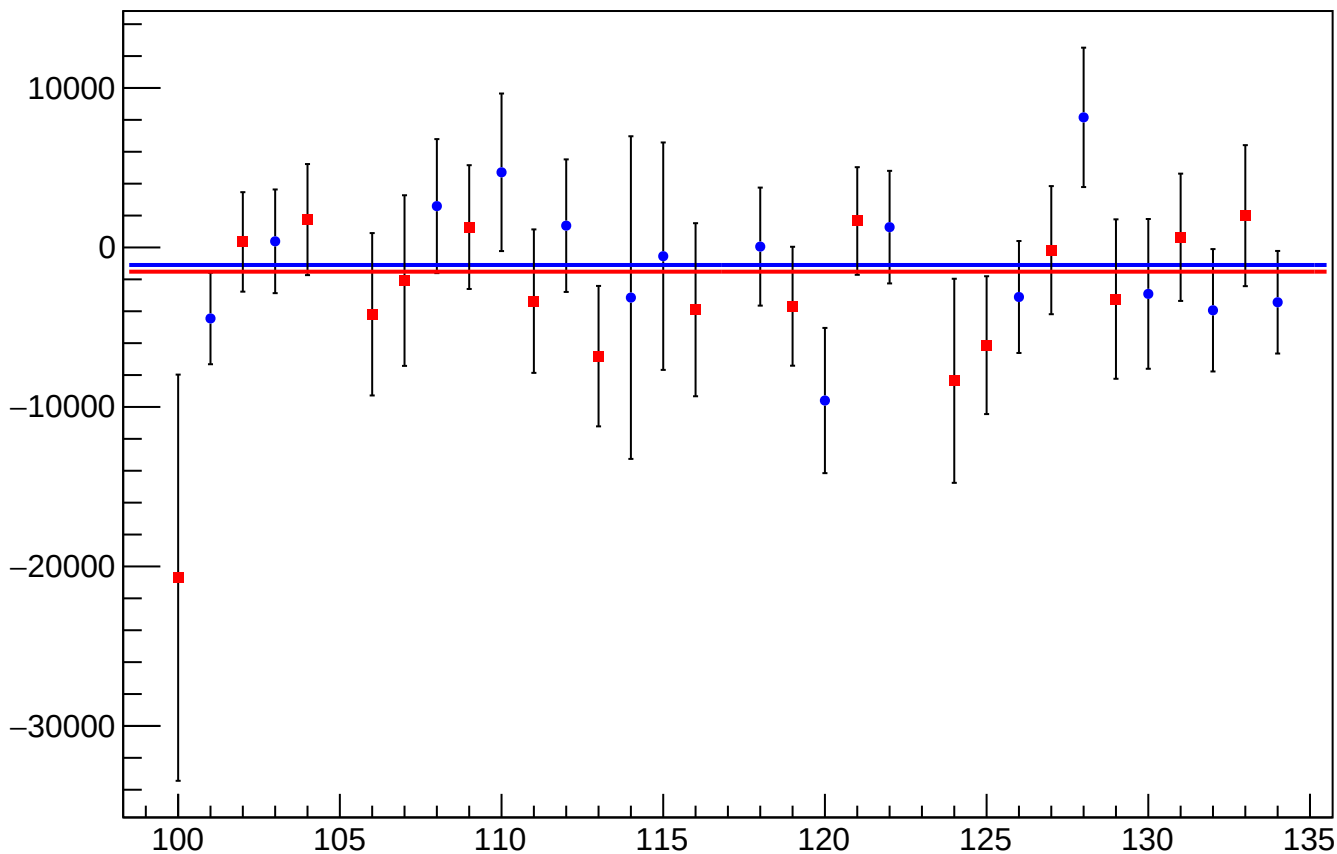
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 204.958 $\pm$ 0.040 χ^2 /NDF: 307605.8/31

- 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: -1518.420+/-1042.493 χ^2/NDF : 10.8/16

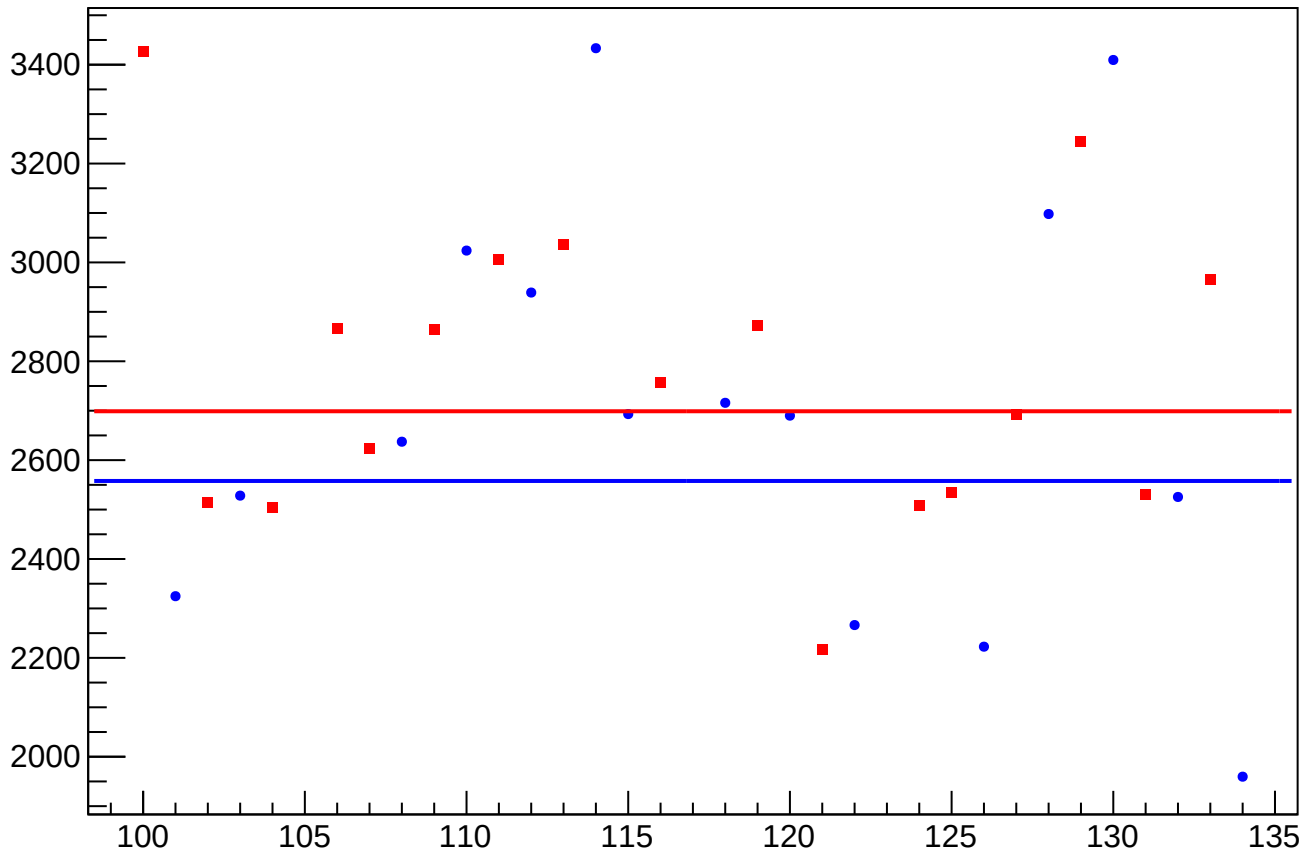
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1305.496+/-732.027 χ^2/NDF : 25.1/31

- 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: 2698.886+/-0.737 χ^2/NDF : 131614.2/16

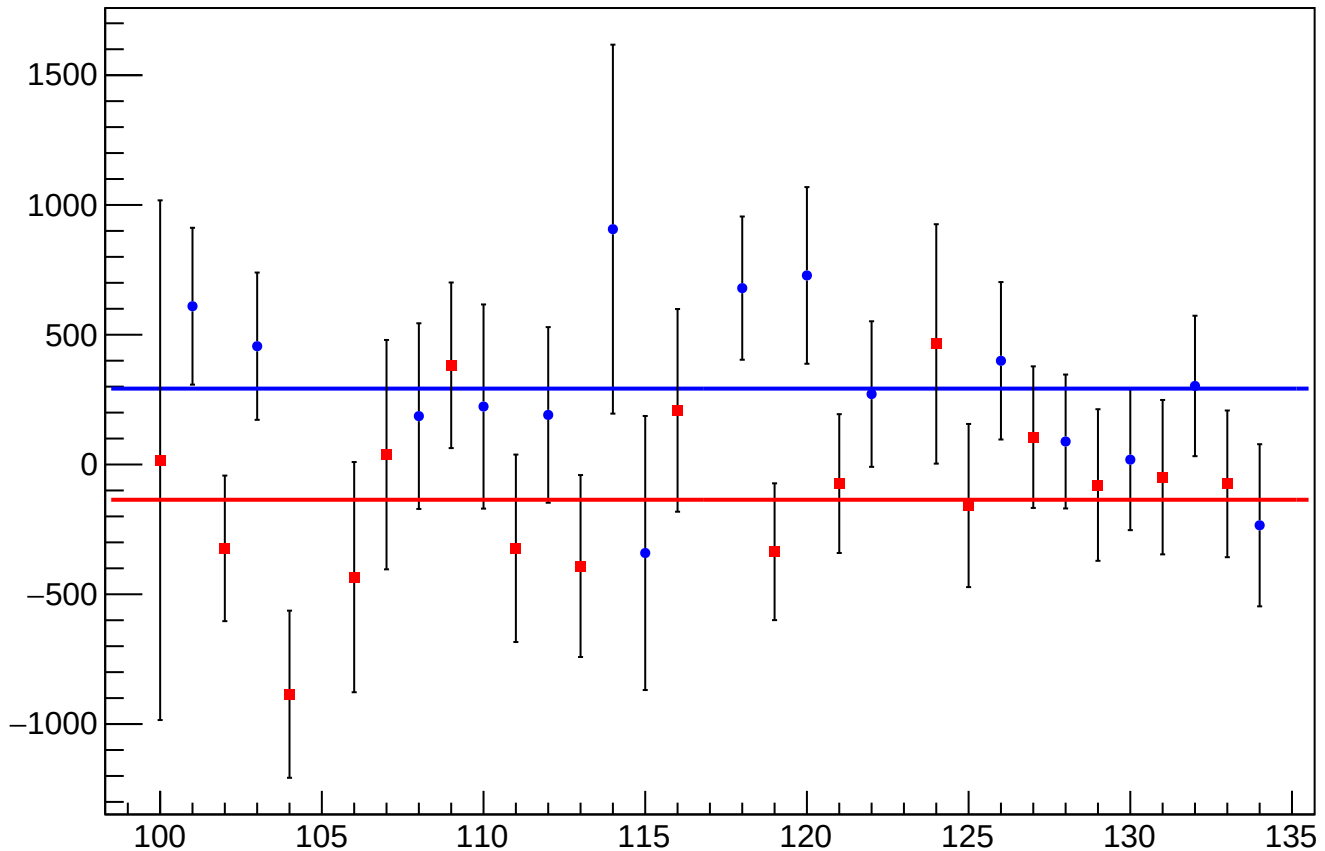
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2627.400+/-0.518 χ^2/NDF : 417483.2/31

- 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: -135.819 $\pm$ 79.570 χ^2 /NDF: 14.0/16

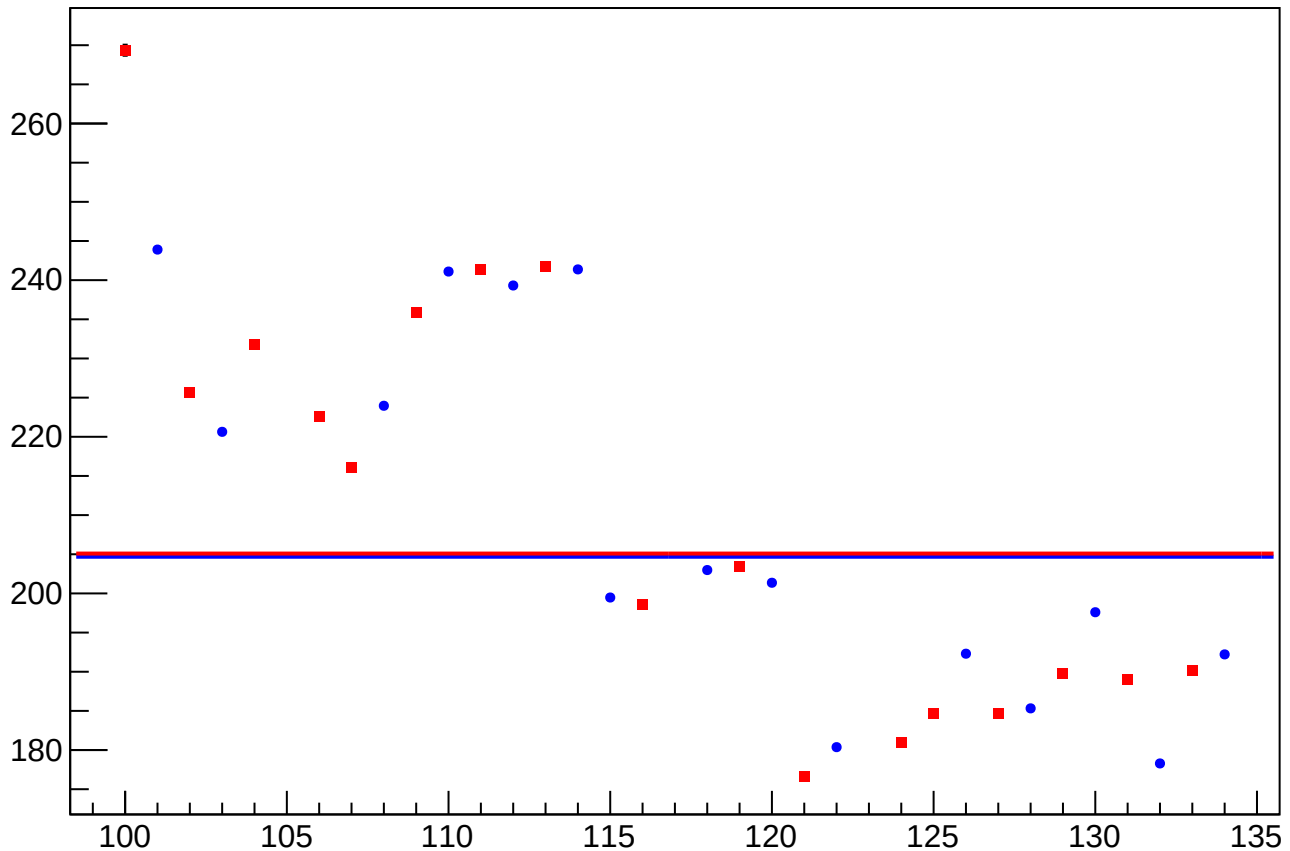
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 72.660 $\pm$ 57.002 χ^2 /NDF: 40.1/31

- 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: 205.088 $\pm$ 0.056 χ^2 /NDF: 163091.9/16

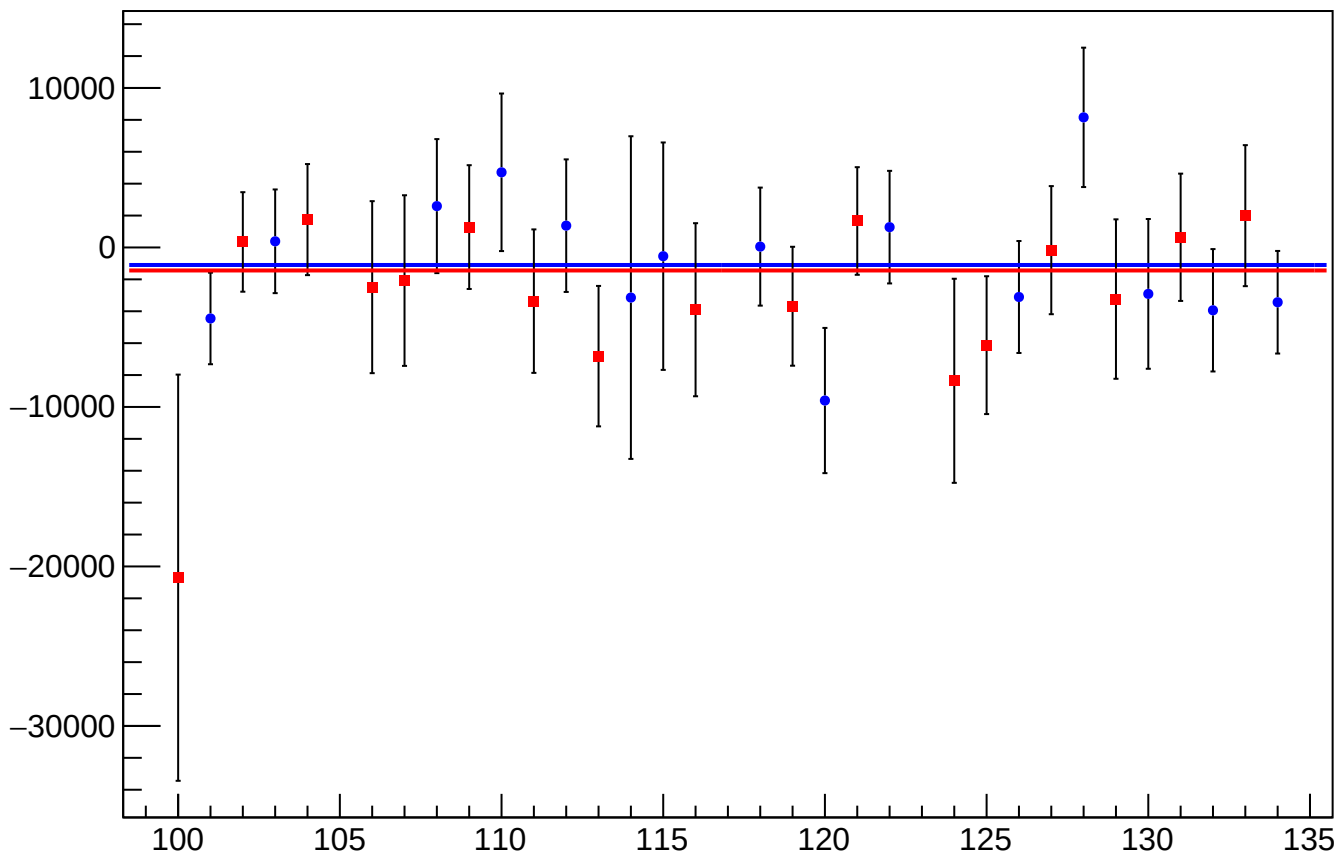
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 204.892 $\pm$ 0.040 χ^2 /NDF: 306064.0/31

- 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: -1442.769+/-1044.920 χ^2/NDF : 10.5/16

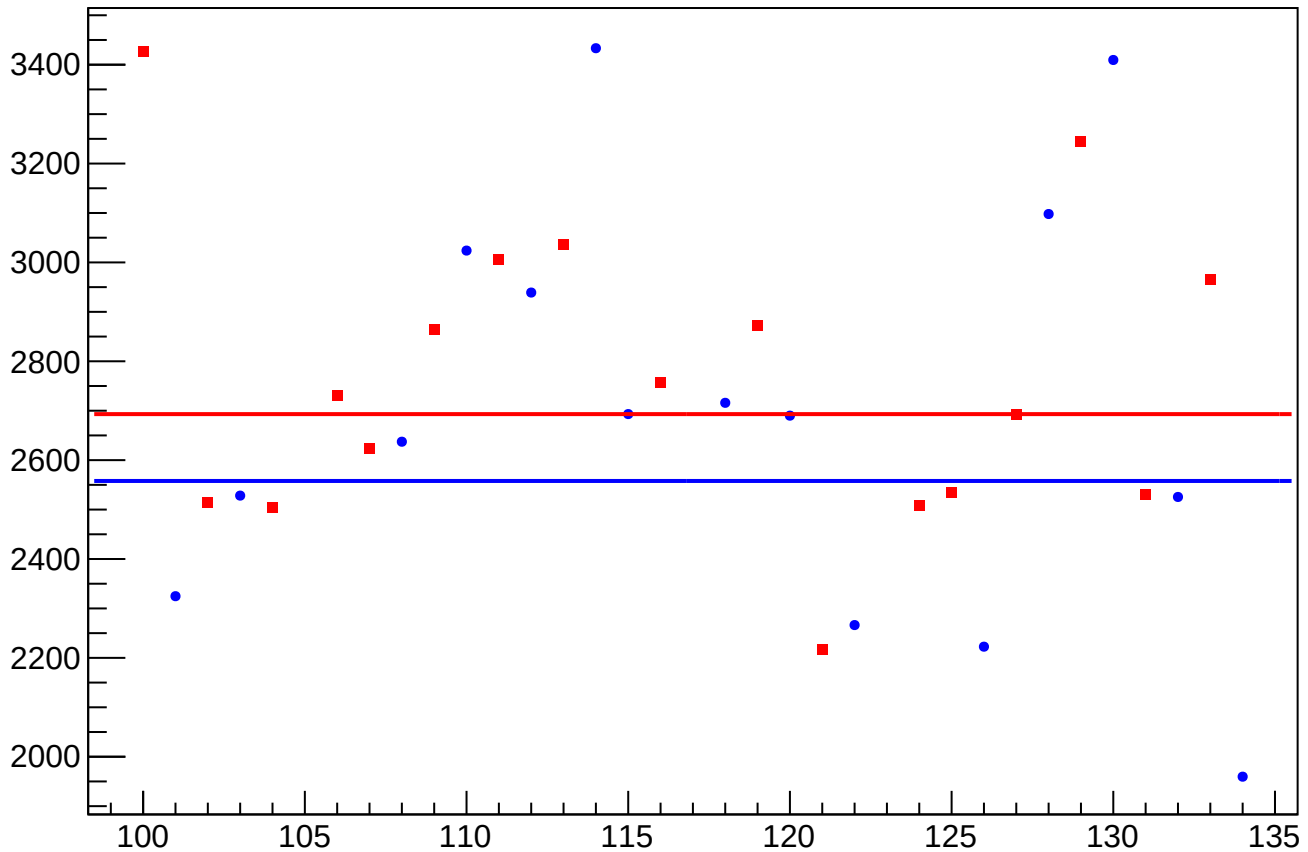
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1267.760+/-732.867 χ^2/NDF : 24.8/31

- 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: 2693.118+/-0.739 χ^2/NDF : 129370.7/16

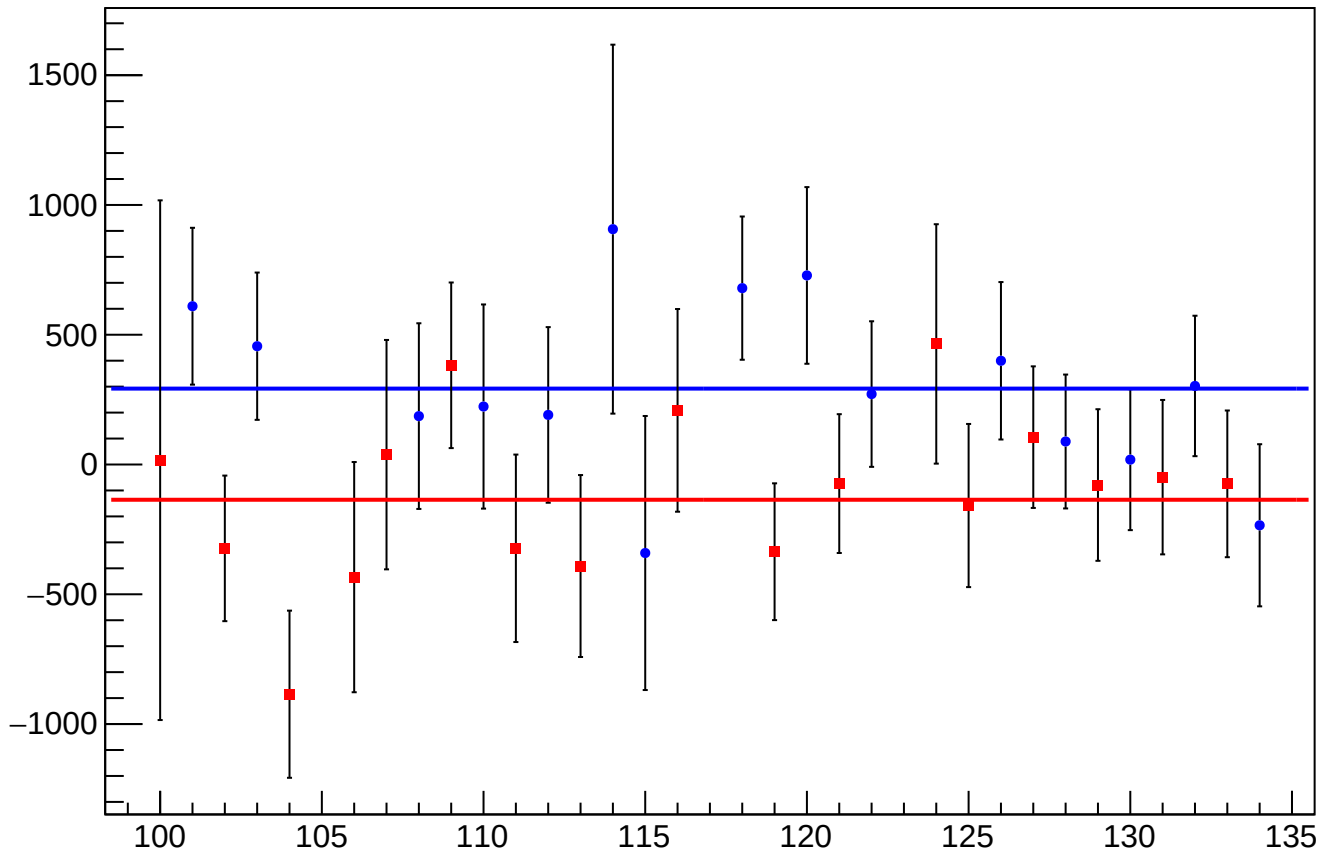
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2624.402+/-0.518 χ^2/NDF : 413709.4/31

- 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: -135.819 $\pm$ 79.570 χ^2 /NDF: 14.0/16

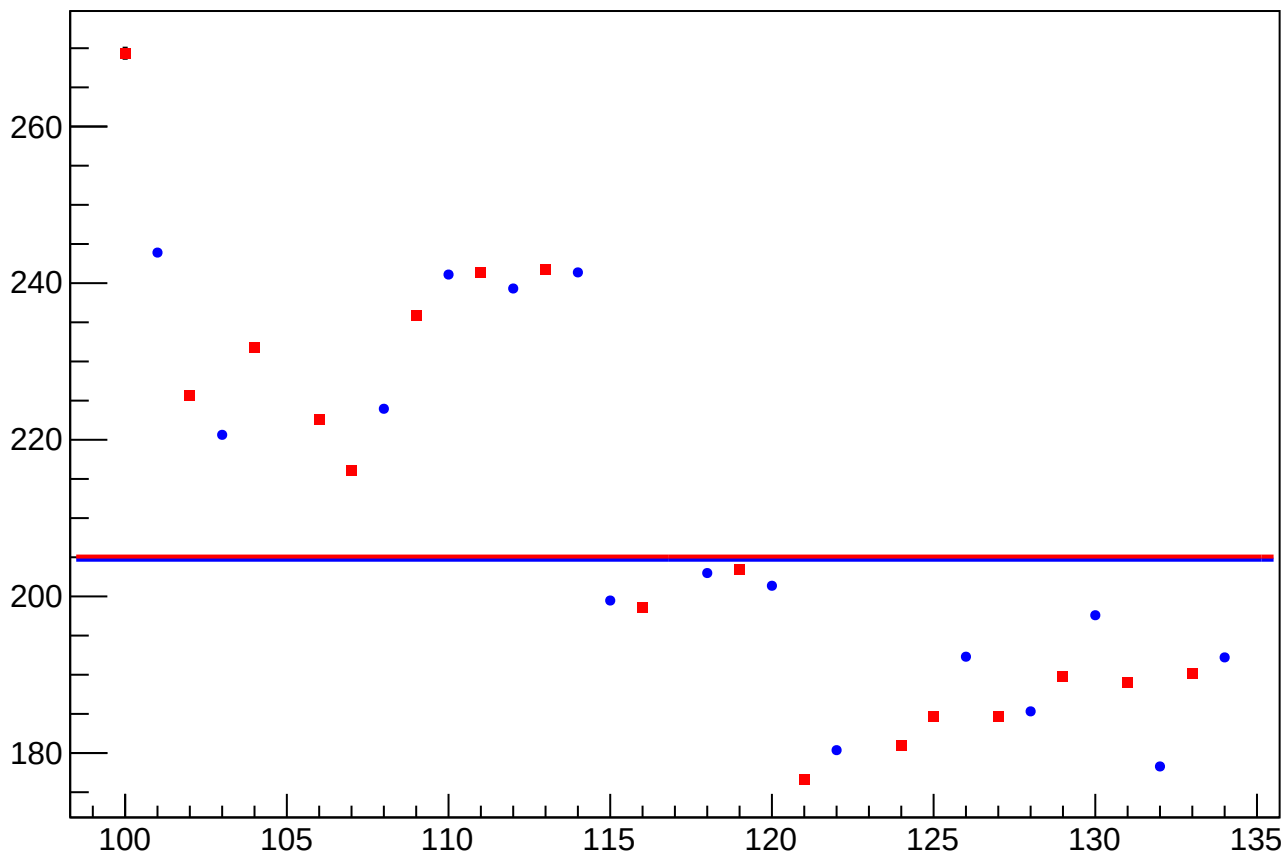
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 72.660 $\pm$ 57.002 χ^2 /NDF: 40.1/31

- 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: 205.088 $\pm$ 0.056 χ^2 /NDF: 163091.9/16

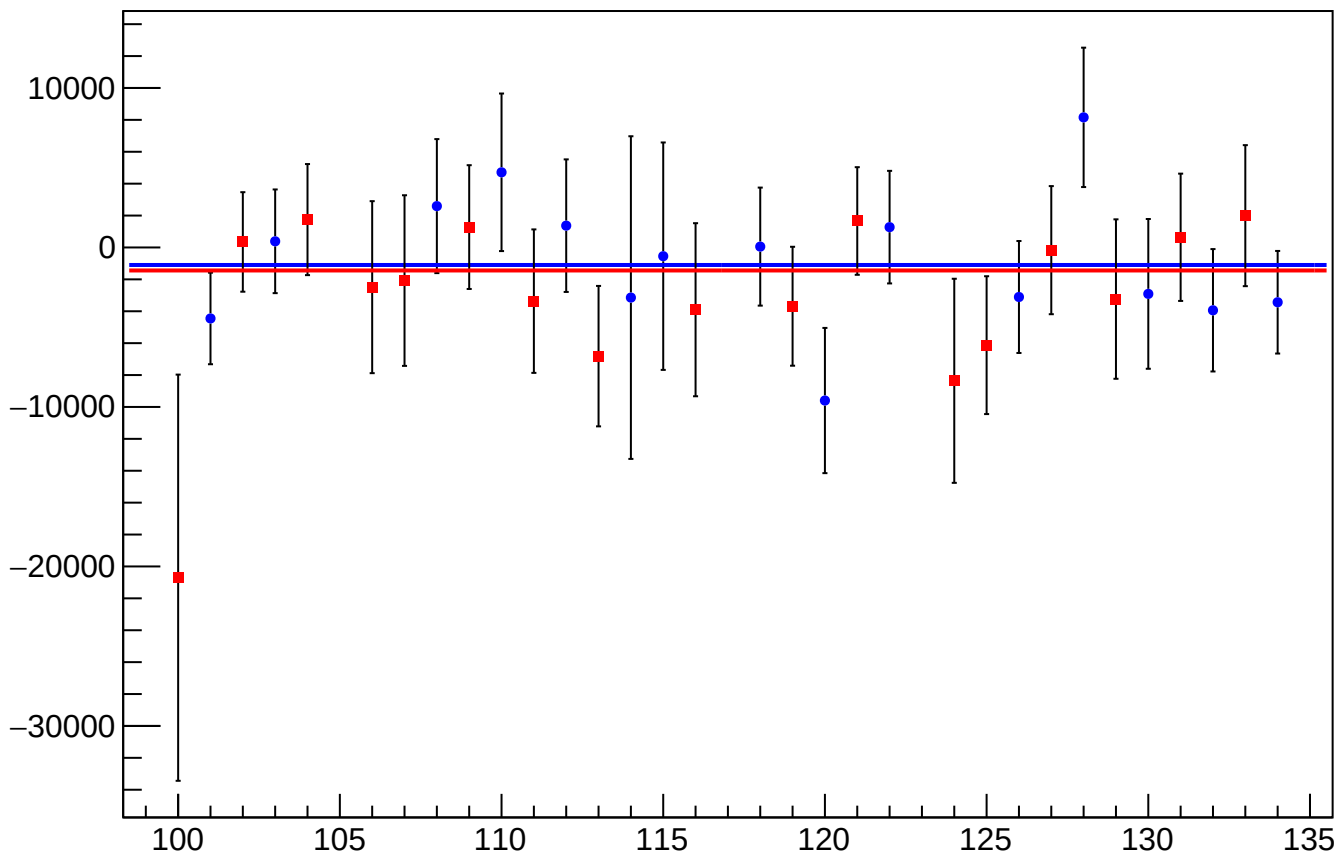
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 204.892 $\pm$ 0.040 χ^2 /NDF: 306064.0/31

- 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: -1442.769+/-1044.920 χ^2/NDF : 10.5/16

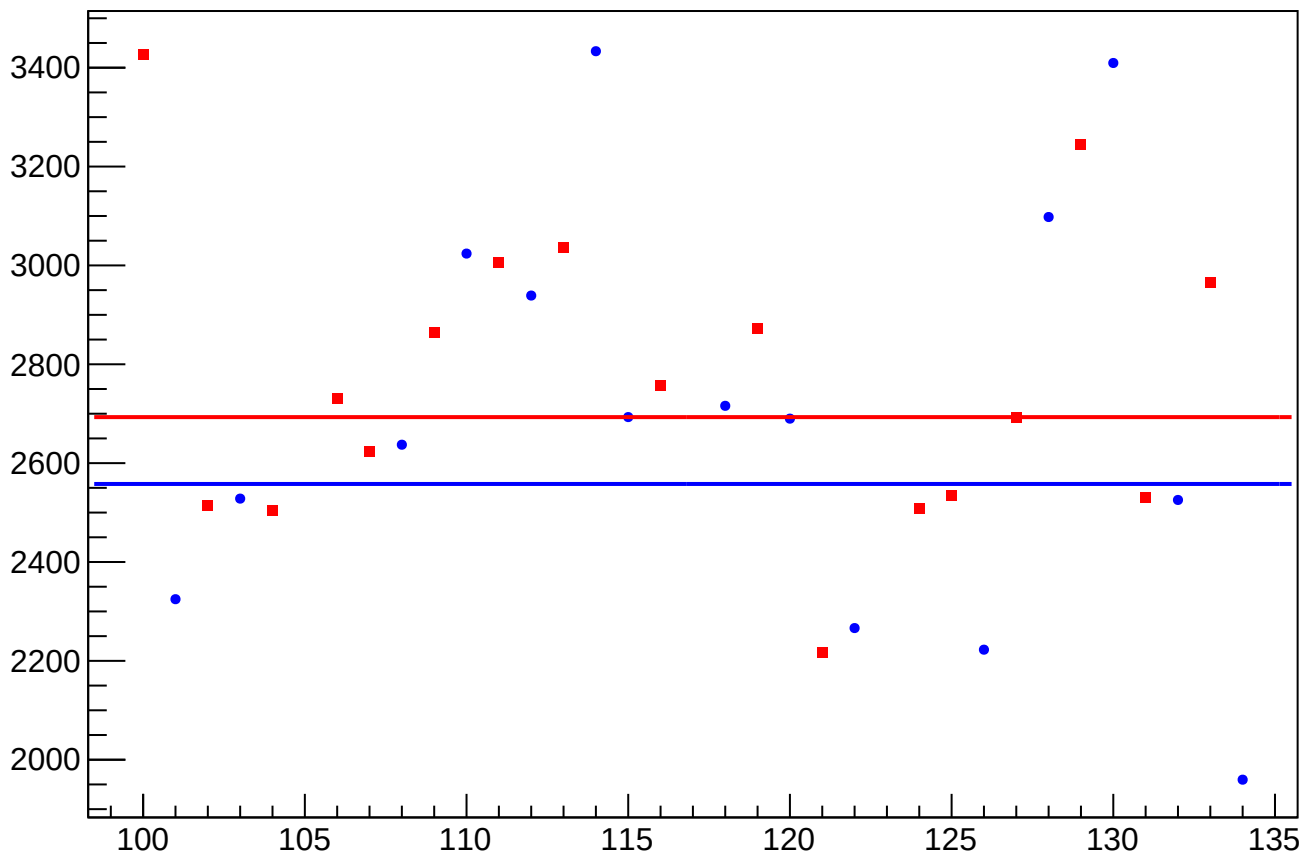
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1267.760+/-732.867 χ^2/NDF : 24.8/31

- 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

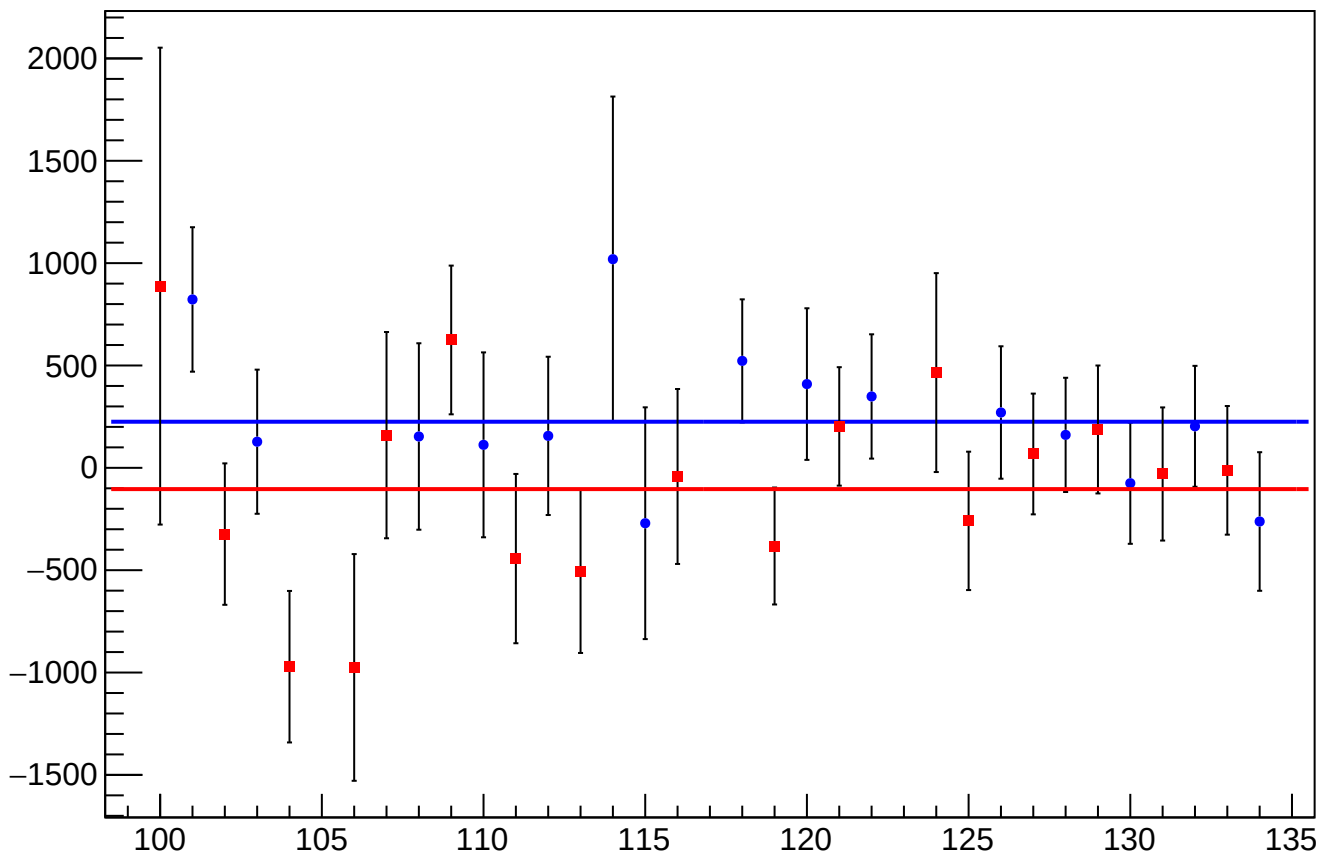
Right Out: 2693.118+/-0.739 χ^2/NDF : 129370.7/16

All: 2624.402+/-0.518 χ^2/NDF : 413709.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -103.882 $\pm$ 88.637 χ^2 /NDF: 20.1/16

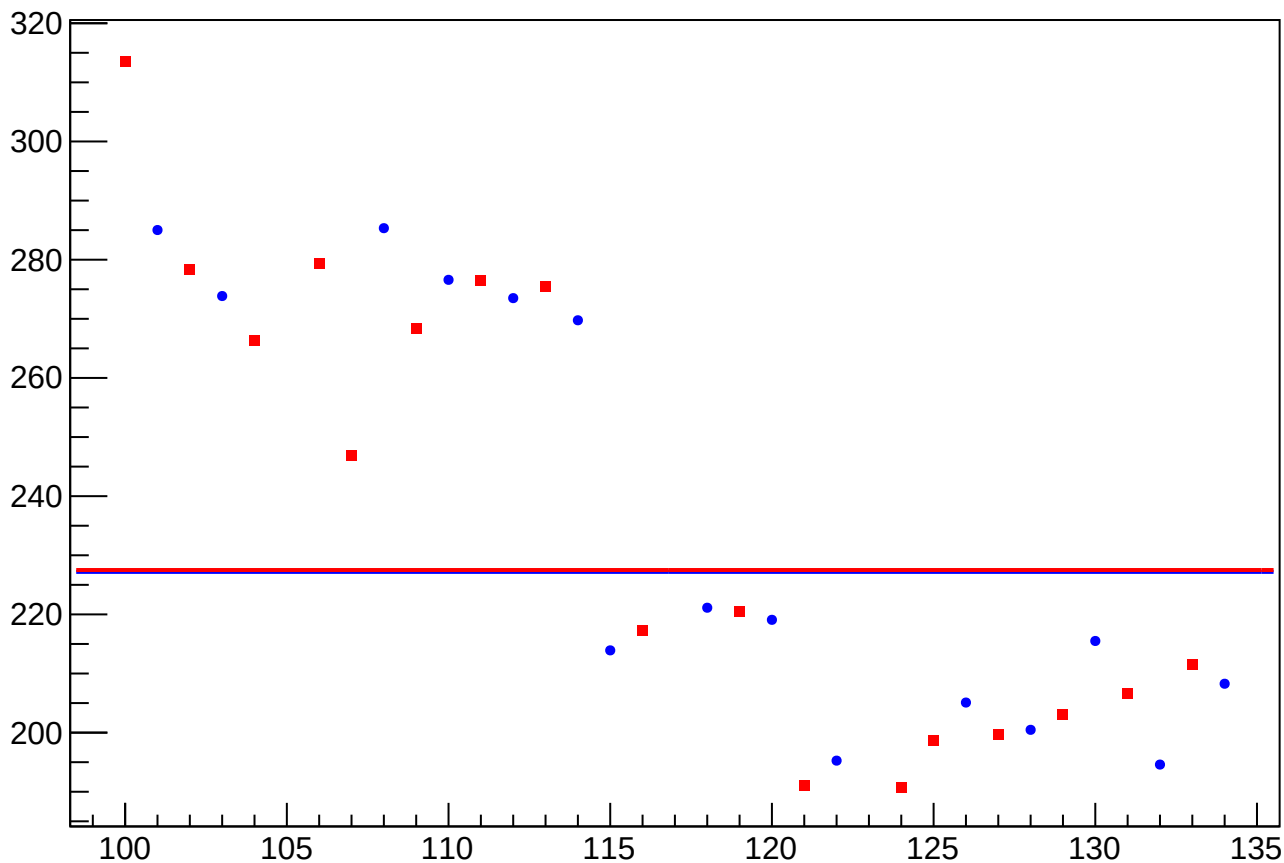
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 56.124 $\pm$ 63.538 χ^2 /NDF: 36.2/31

- 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: 227.508 $\pm$ 0.063 χ^2 /NDF: 282421.9/16

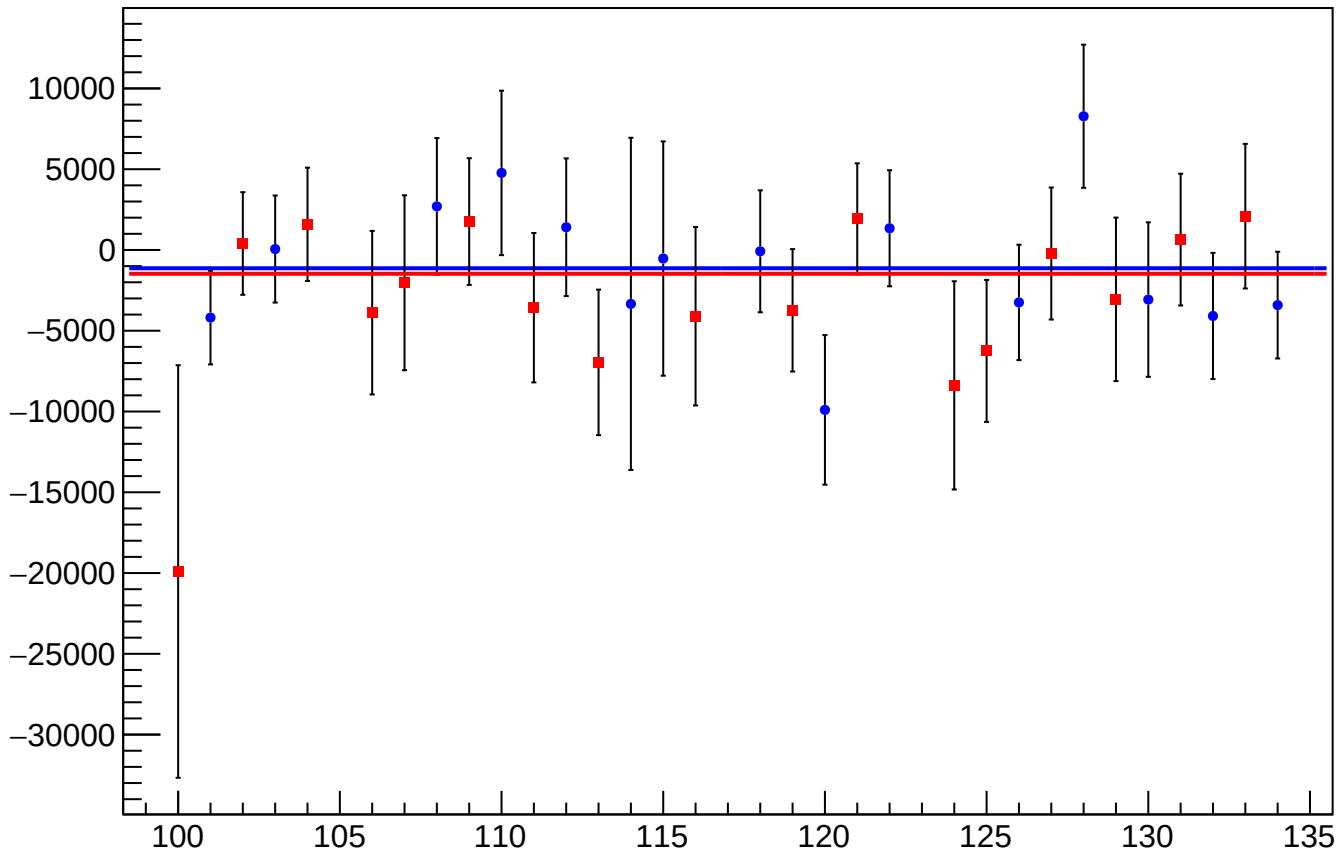
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 227.355 $\pm$ 0.045 χ^2 /NDF: 548629.9/31

- 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+/-1046.820 χ^2 /NDF: 14.0/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1473.011+/-1058.363 χ^2 /NDF: 10.8/16

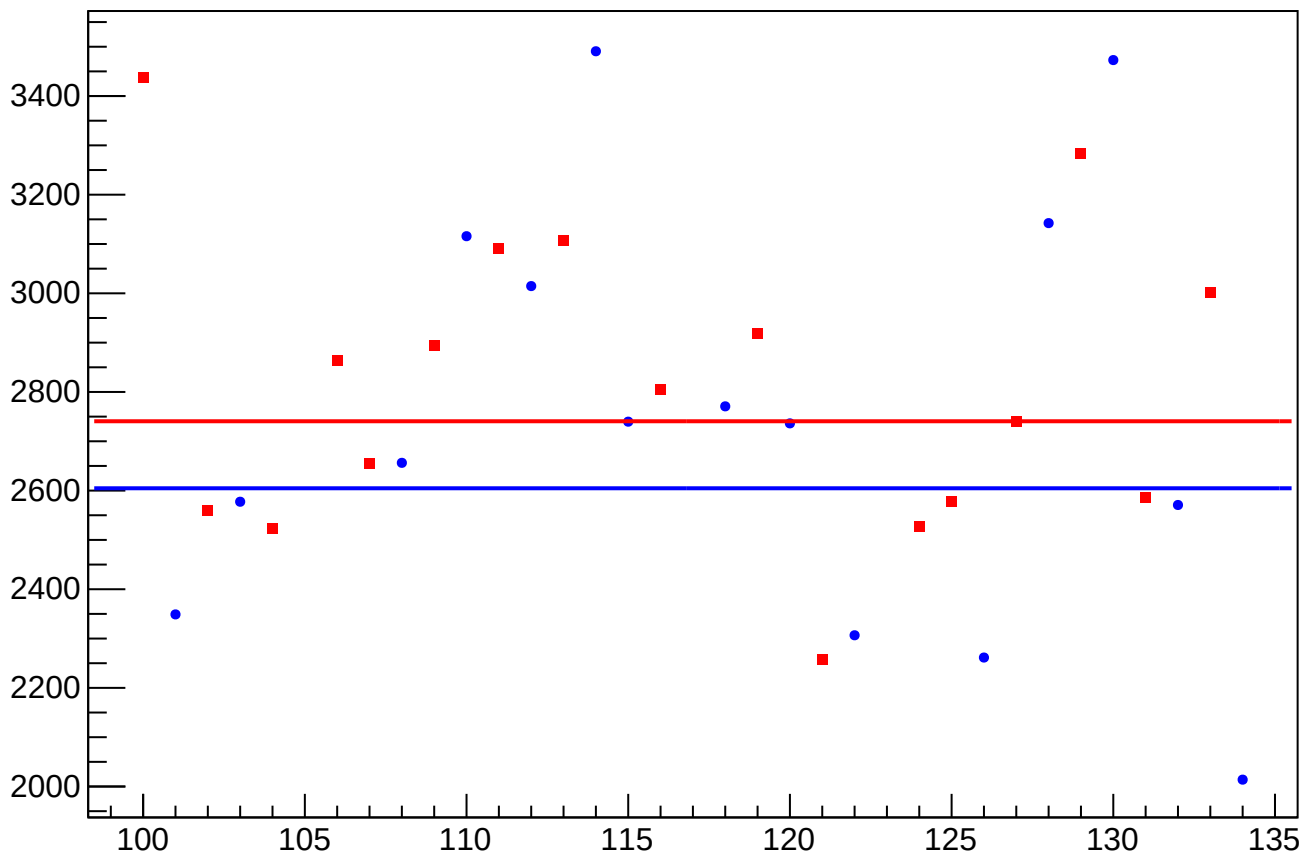
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1300.453+/-744.261 χ^2 /NDF: 24.9/31

- sign 0.000+/-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: 2740.594 $\pm$ 0.748 χ^2 /NDF: 131443.4/16

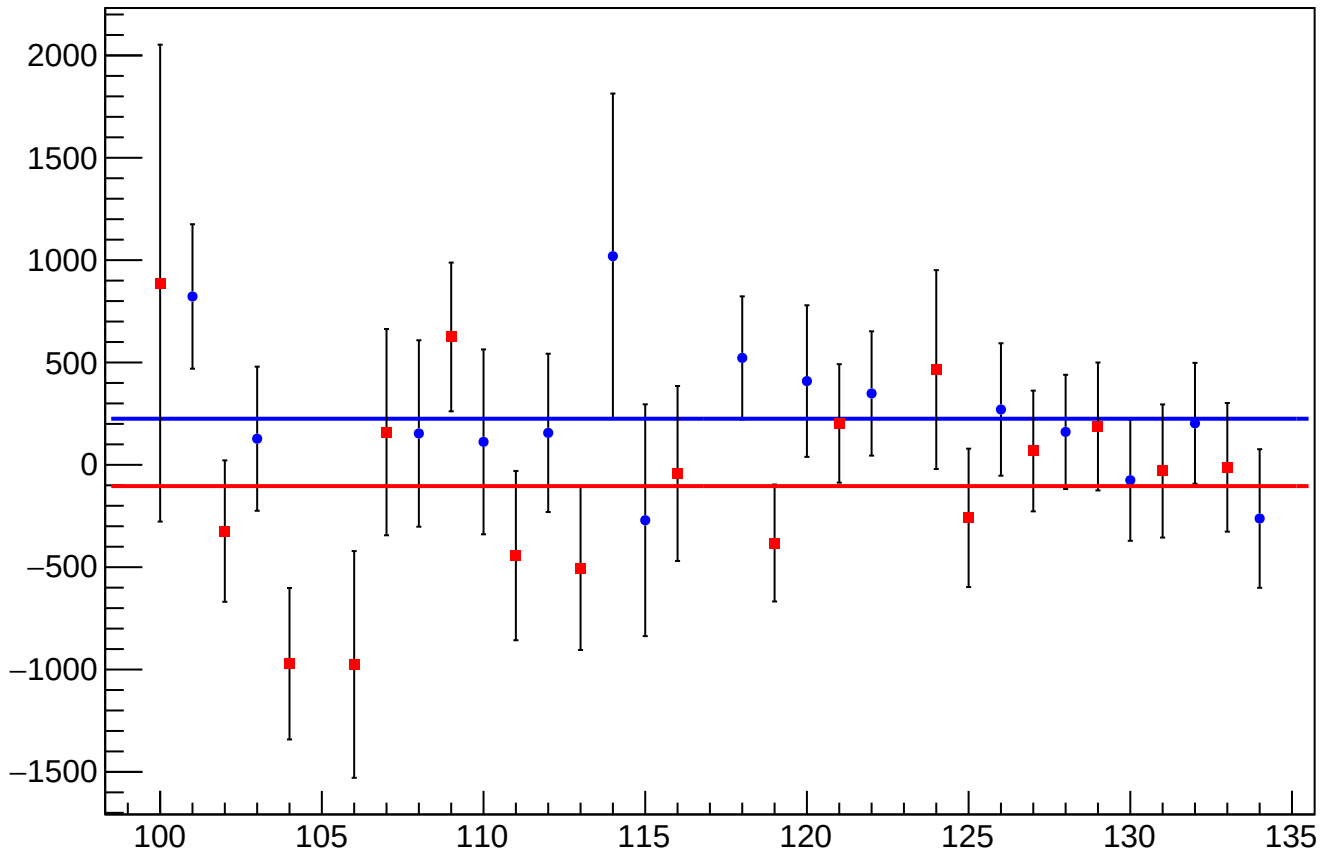
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2671.909 $\pm$ 0.526 χ^2 /NDF: 415536.5/31

- 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: -103.879 $\pm$ 88.636 χ^2 /NDF: 20.1/16

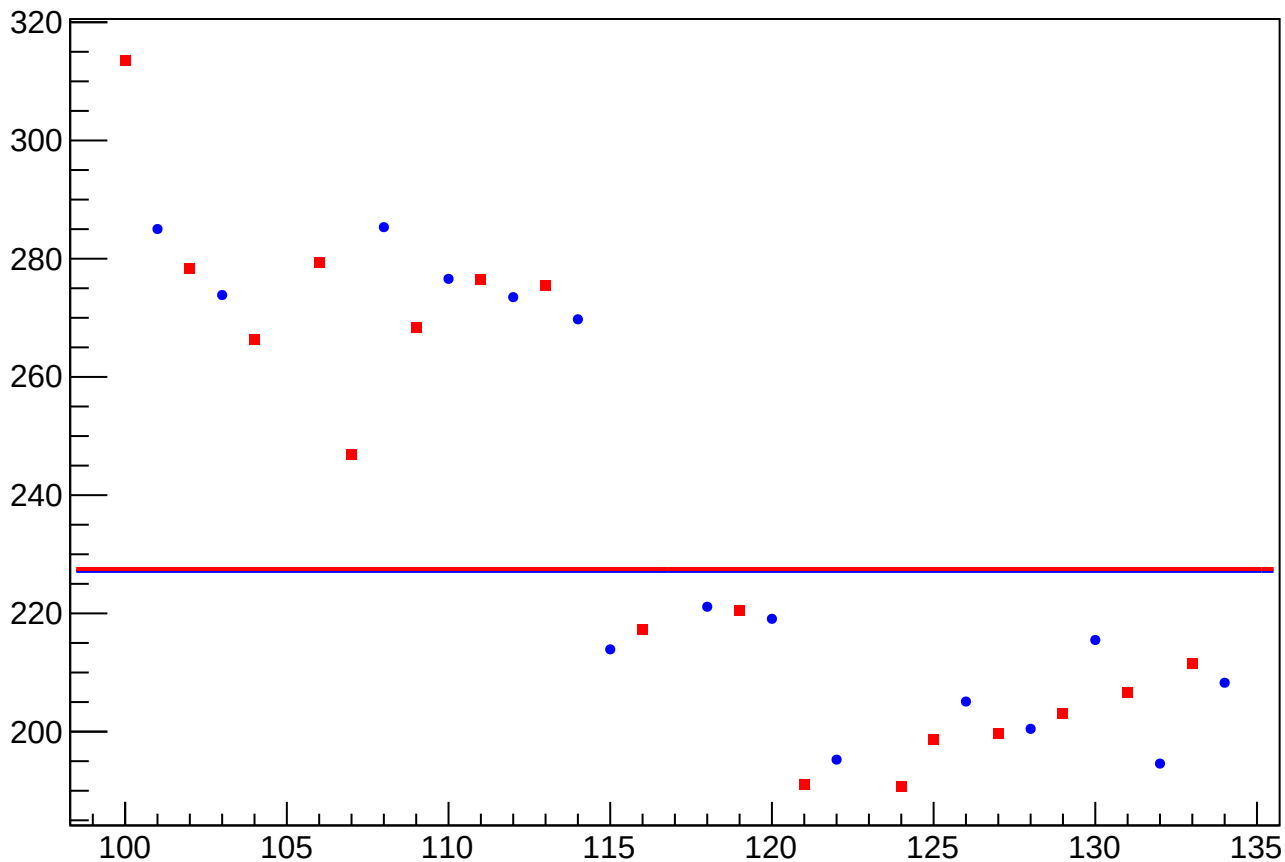
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 56.126 $\pm$ 63.538 χ^2 /NDF: 36.2/31

- 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: 227.507 $\pm$ 0.063 χ^2 /NDF: 282417.1/16

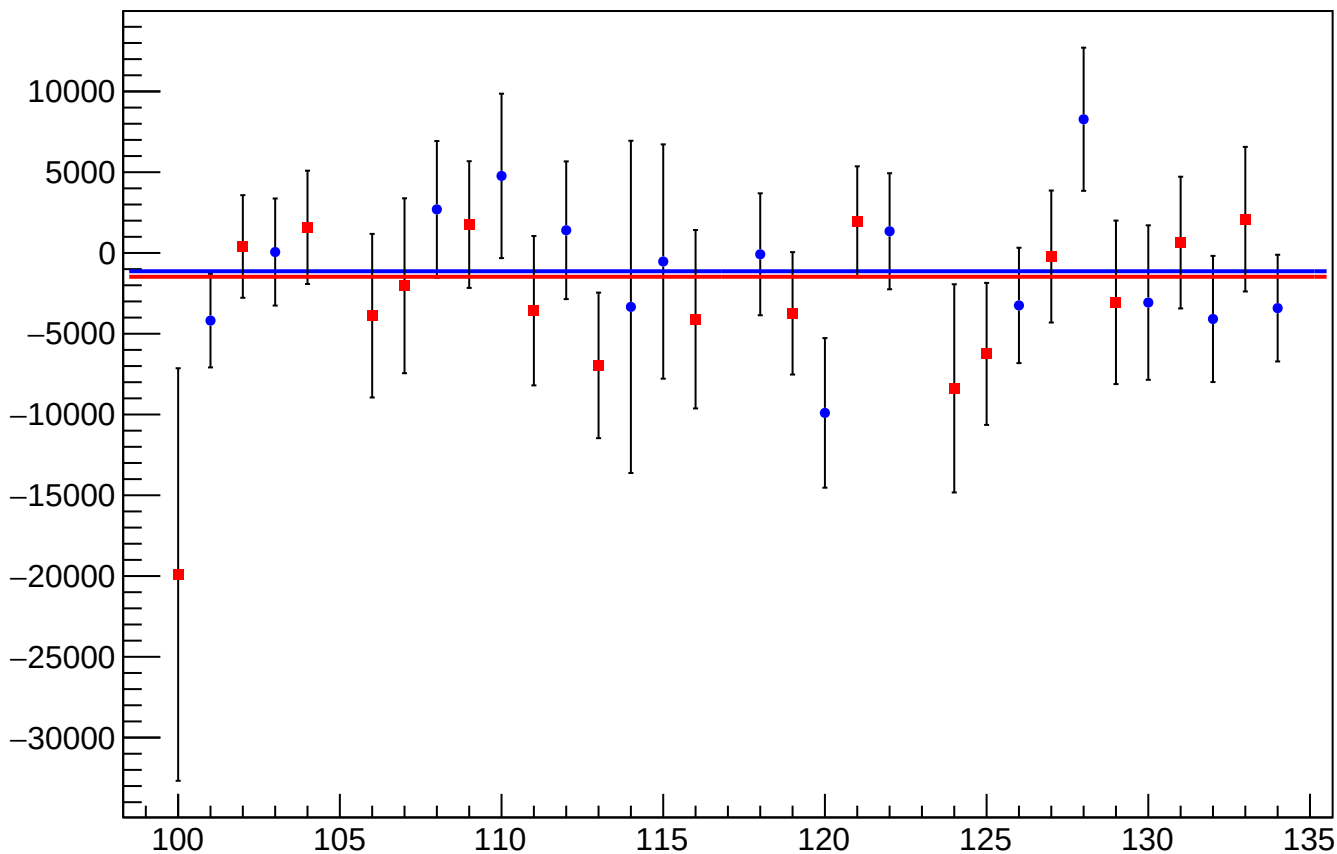
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 227.354 $\pm$ 0.045 χ^2 /NDF: 548624.1/31

- 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 $\pm$ 1046.818 χ^2 /NDF: 14.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1473.007 $\pm$ 1058.360 χ^2 /NDF: 10.8/16

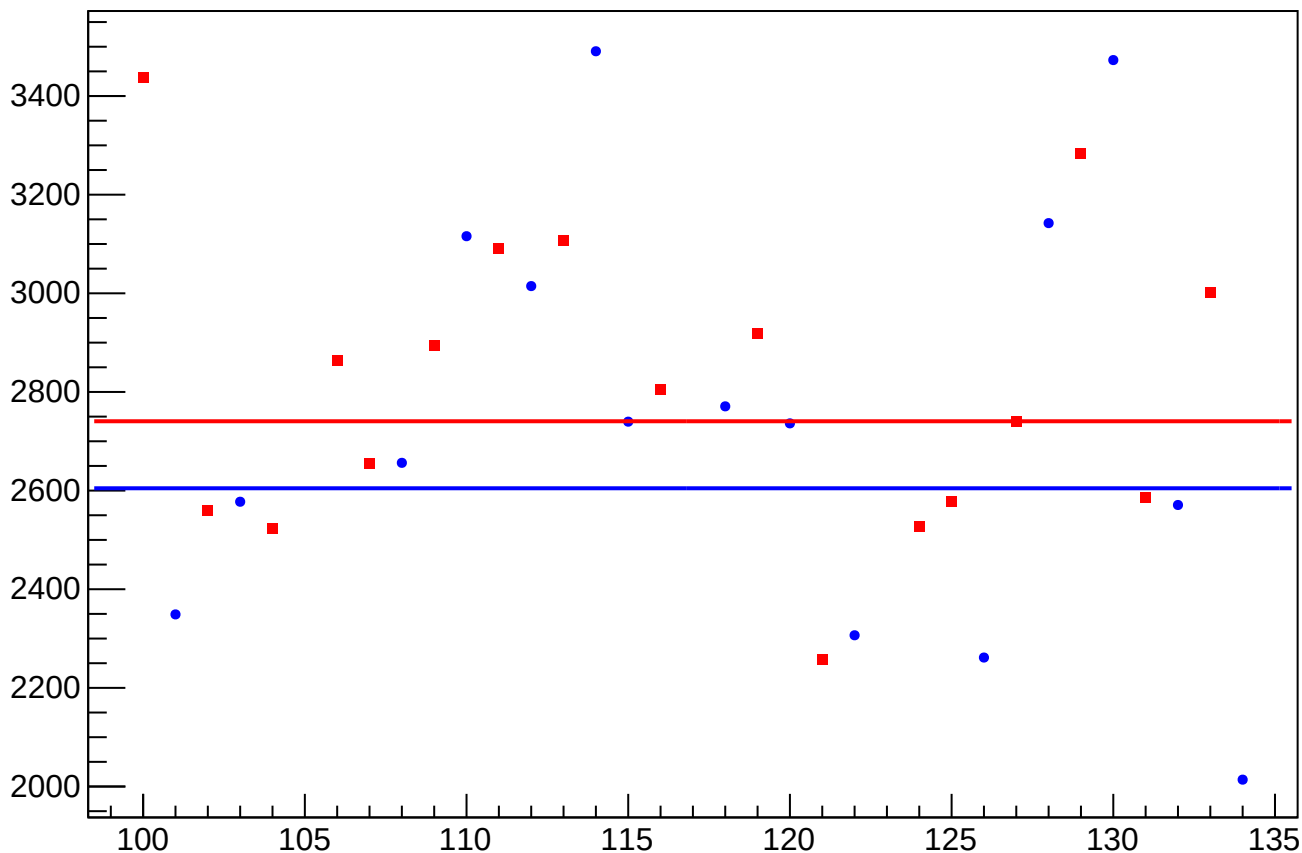
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1300.450 $\pm$ 744.259 χ^2 /NDF: 24.9/31

- sign 0.000 $\pm$ 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

Right Out: 2740.589+/-0.748 χ^2/NDF : 131442.0/16

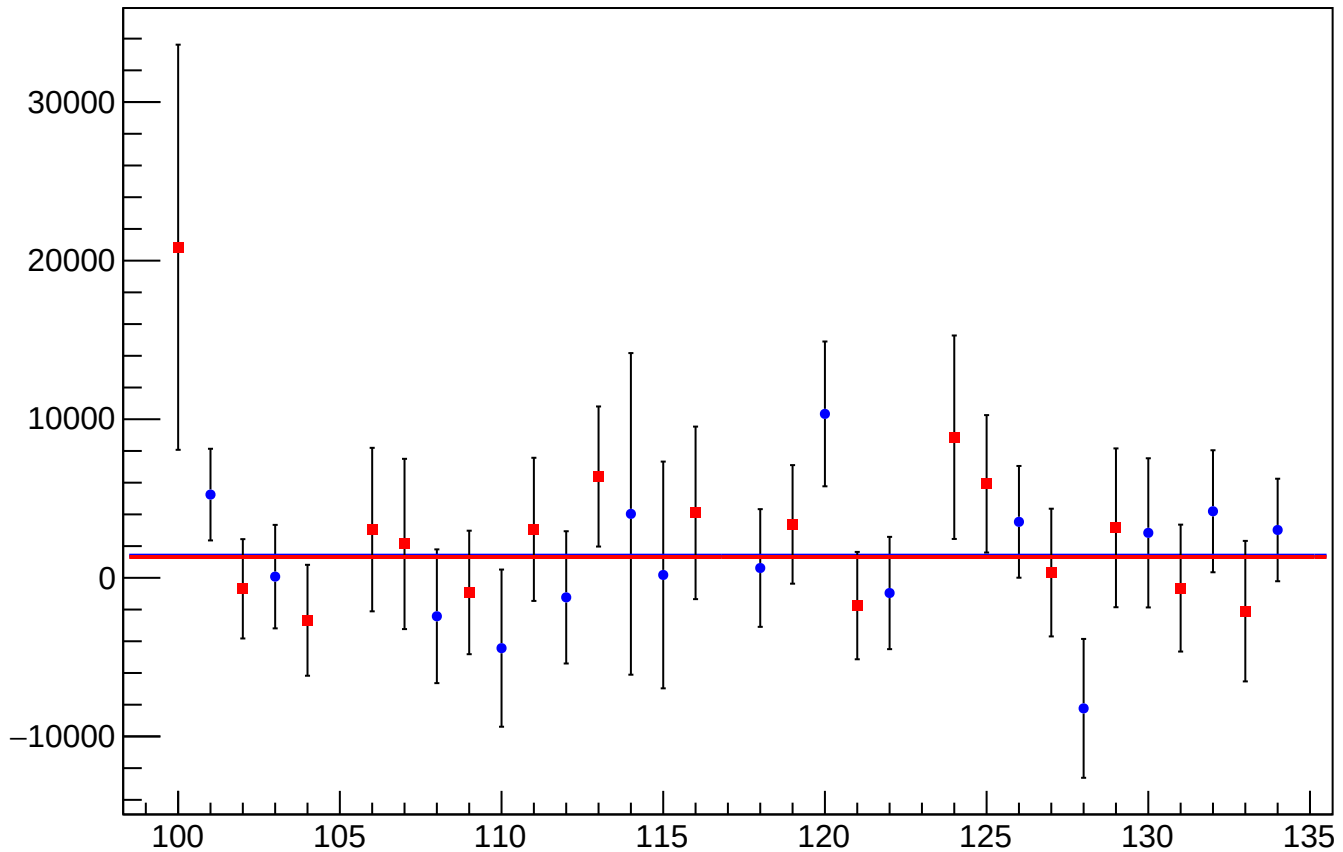
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2671.904+/-0.526 χ^2/NDF : 415529.0/31

- sign 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: 1313.823+/-1046.158 χ^2/NDF : 10.9/16

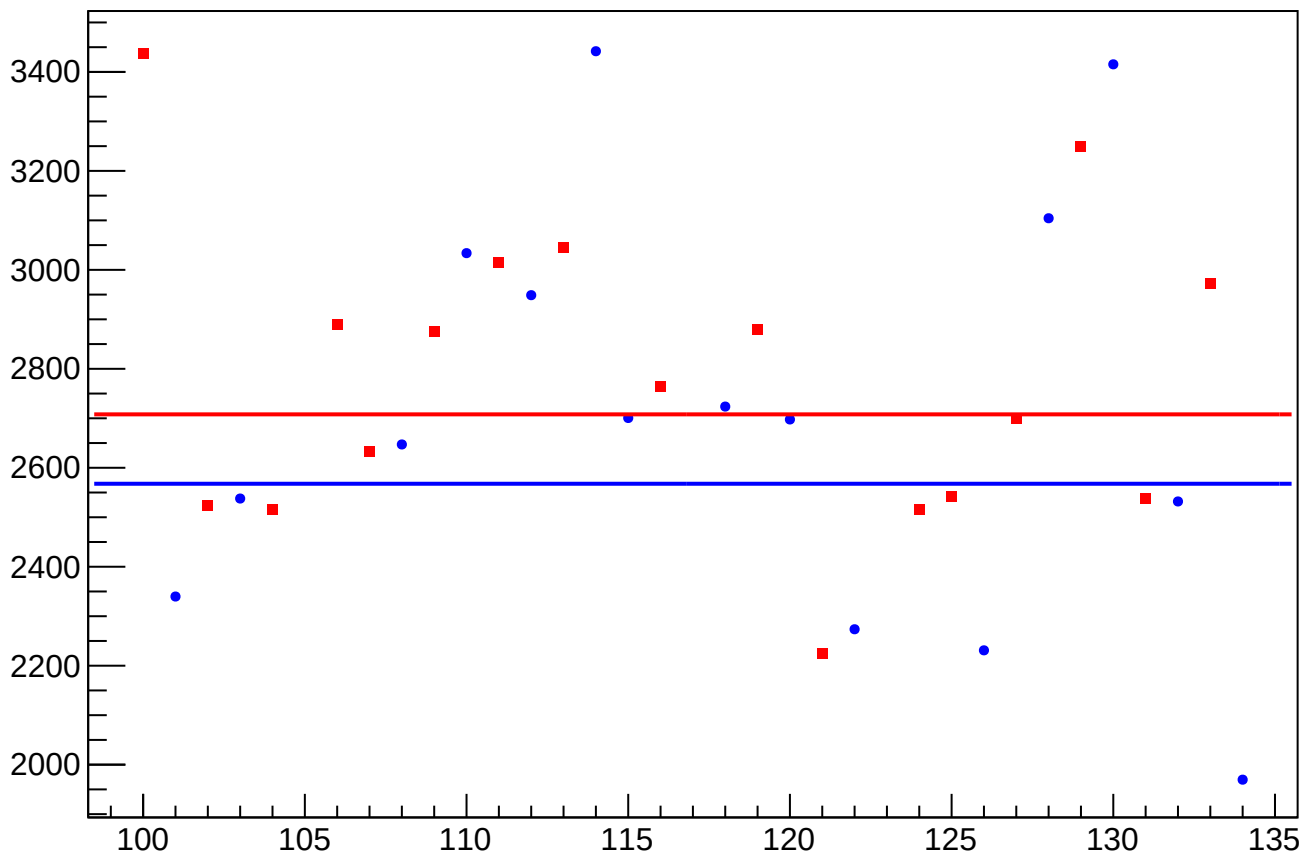
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1355.502+/-734.665 χ^2/NDF : 26.0/31

- 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

Right Out: 2707.960 ± 0.740 χ^2/NDF : 131092.3/16

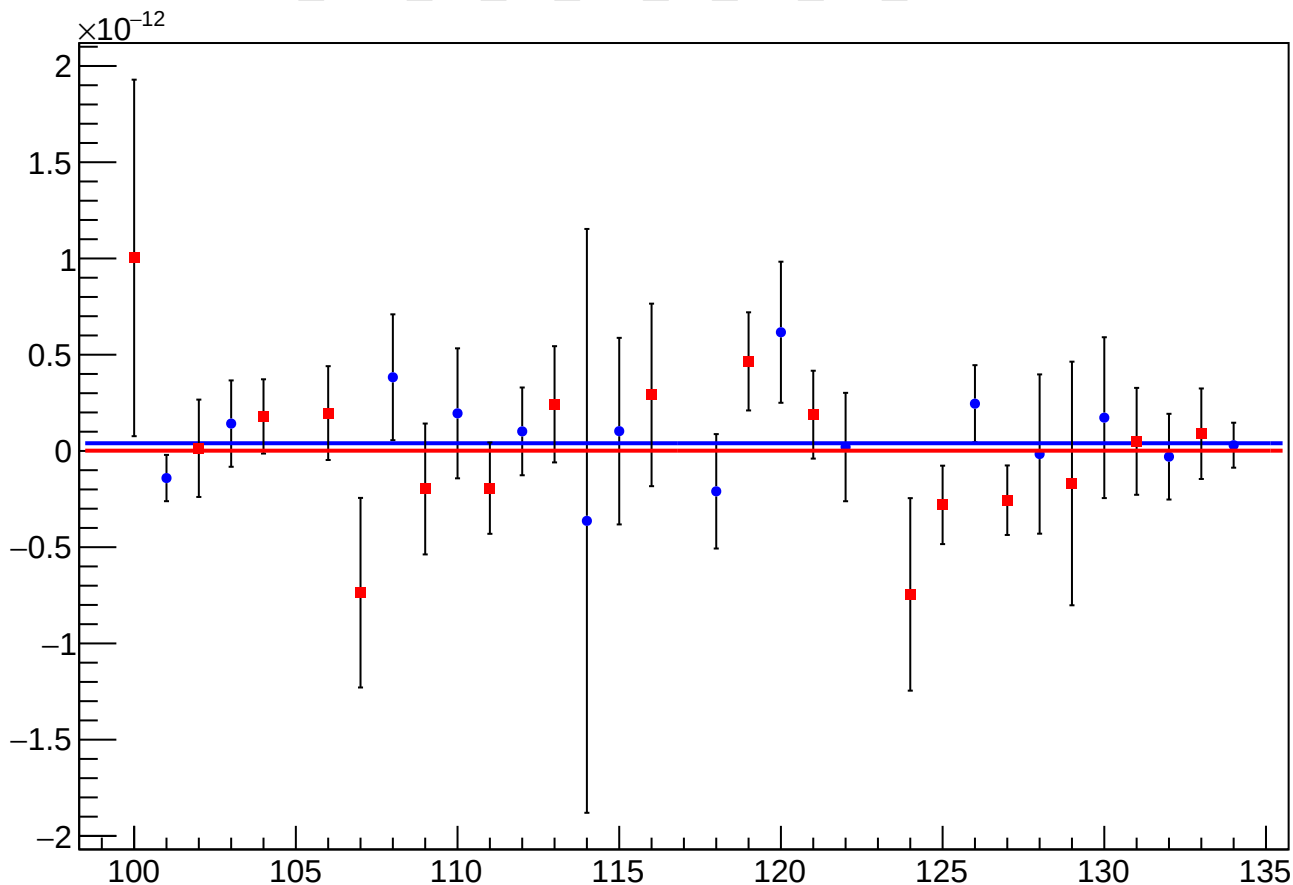
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 2636.877 ± 0.519 χ^2/NDF : 413445.4/31

- sign 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: 17.3/16

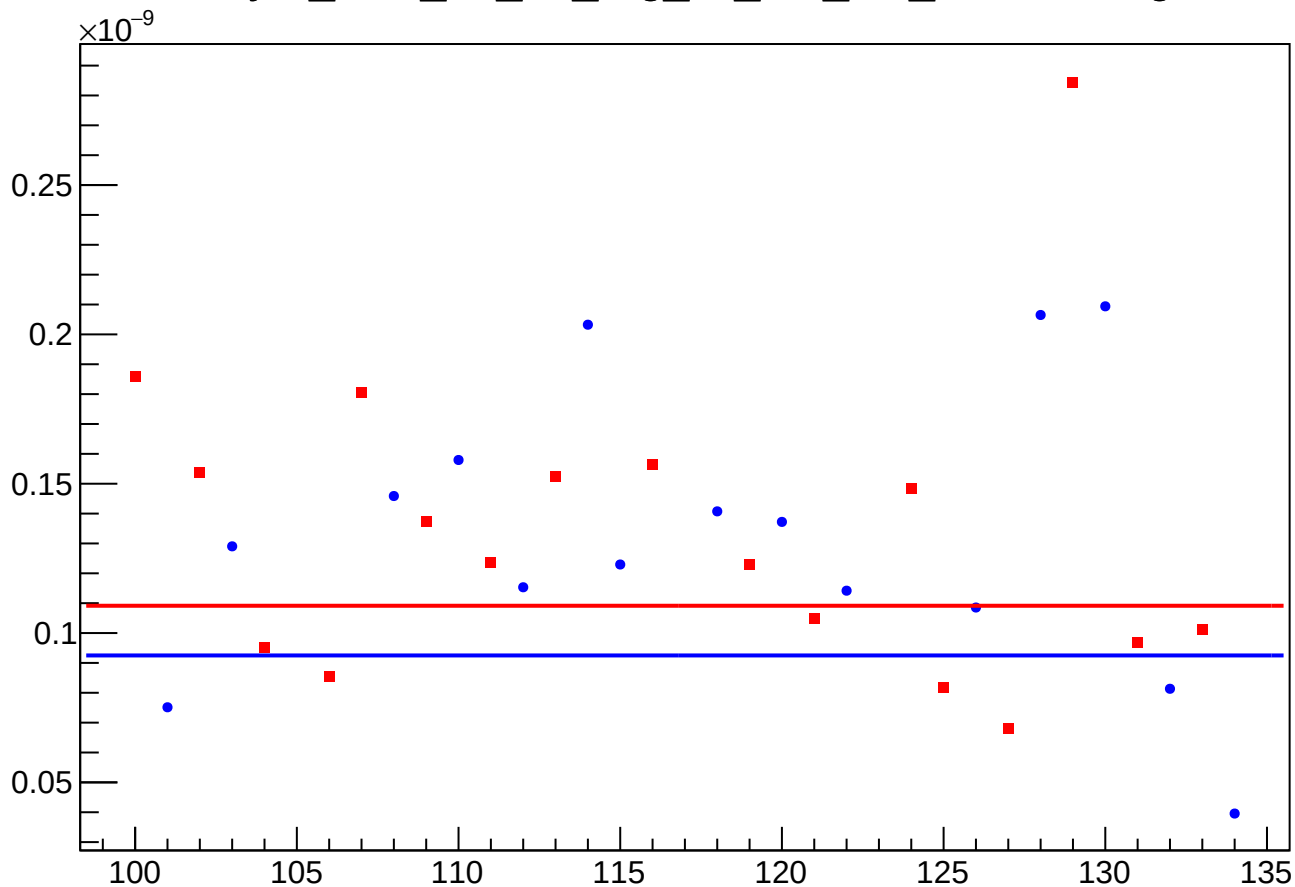
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 25.9/31

- 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 : 548325.6/16

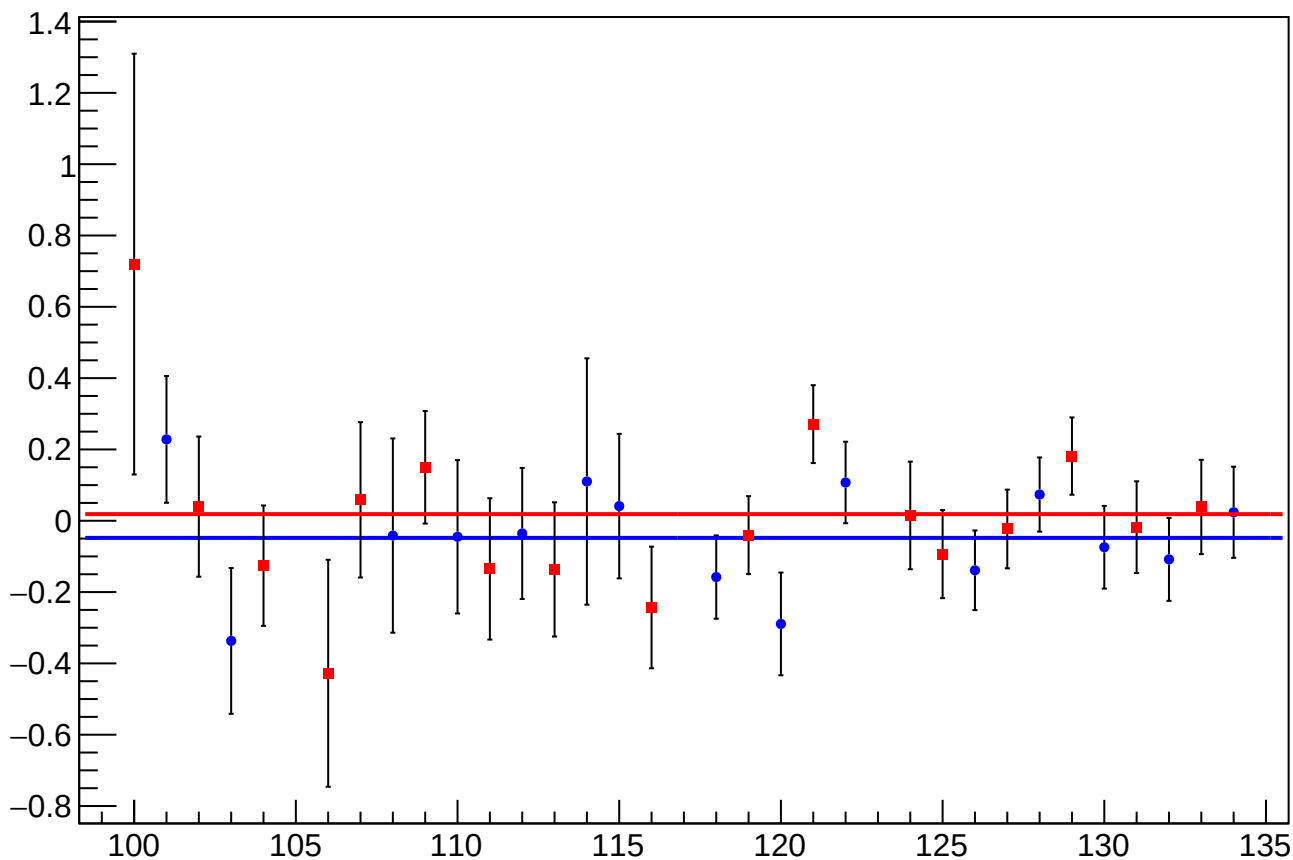
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1713265.9/31

- 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 $\pm$ 0.037 χ^2 /NDF: 13.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.019 $\pm$ 0.036 χ^2 /NDF: 17.4/16

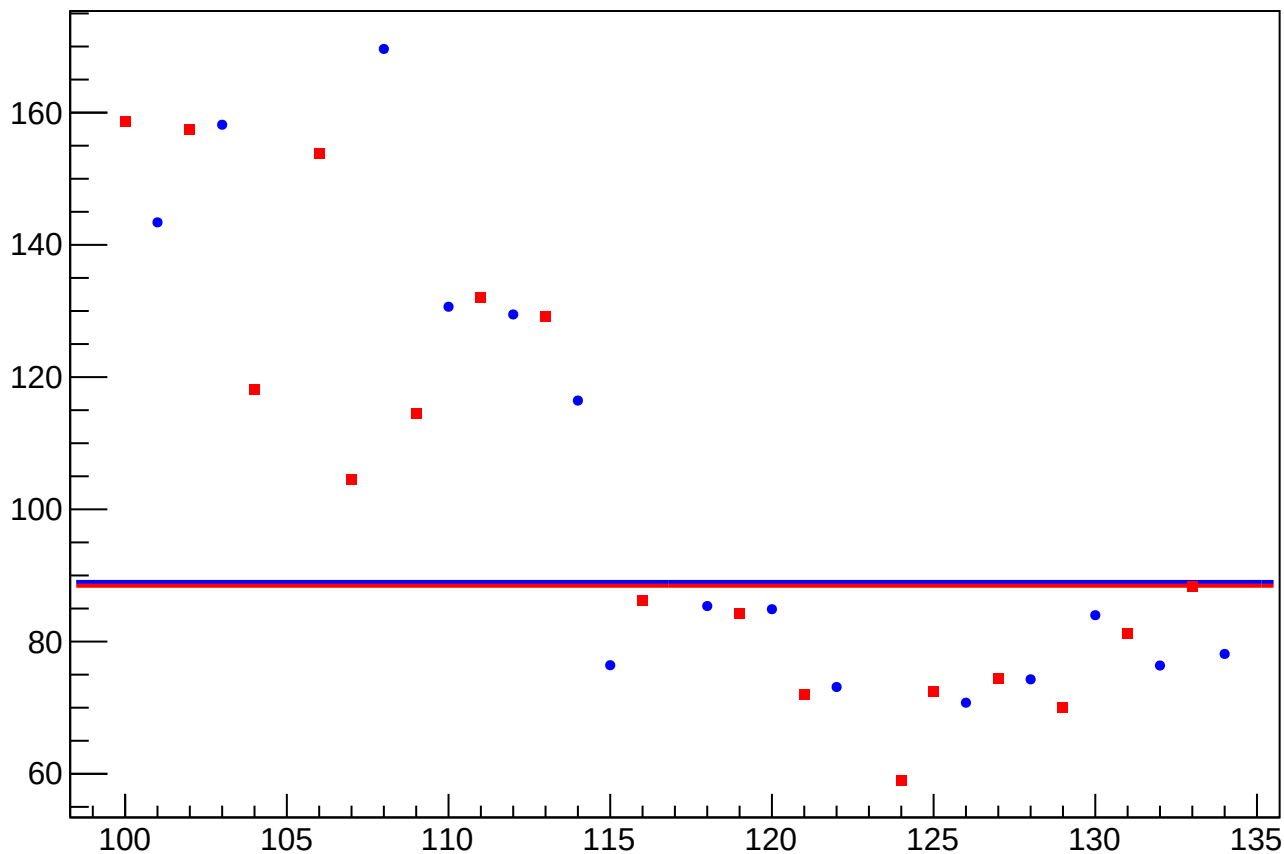
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.014 $\pm$ 0.026 χ^2 /NDF: 32.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_dit_vs_cor_diff_rms vs Slug



Right In: 89.022+/-0.026 χ^2/NDF : 960705.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.446+/-0.025 χ^2/NDF : 931320.4/16

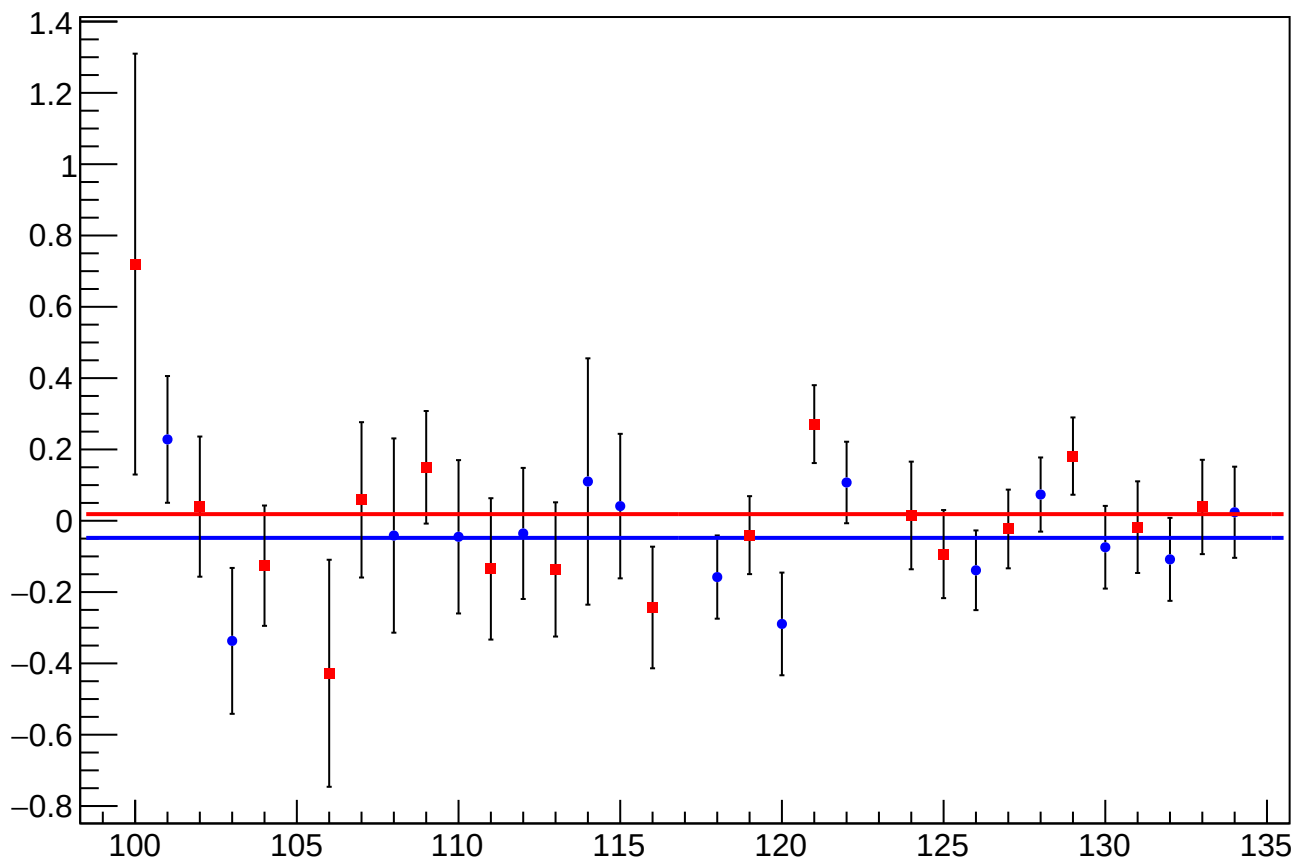
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.724+/-0.018 χ^2/NDF : 1892277.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_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: 0.019 $\pm$ 0.036 χ^2 /NDF: 17.4/16

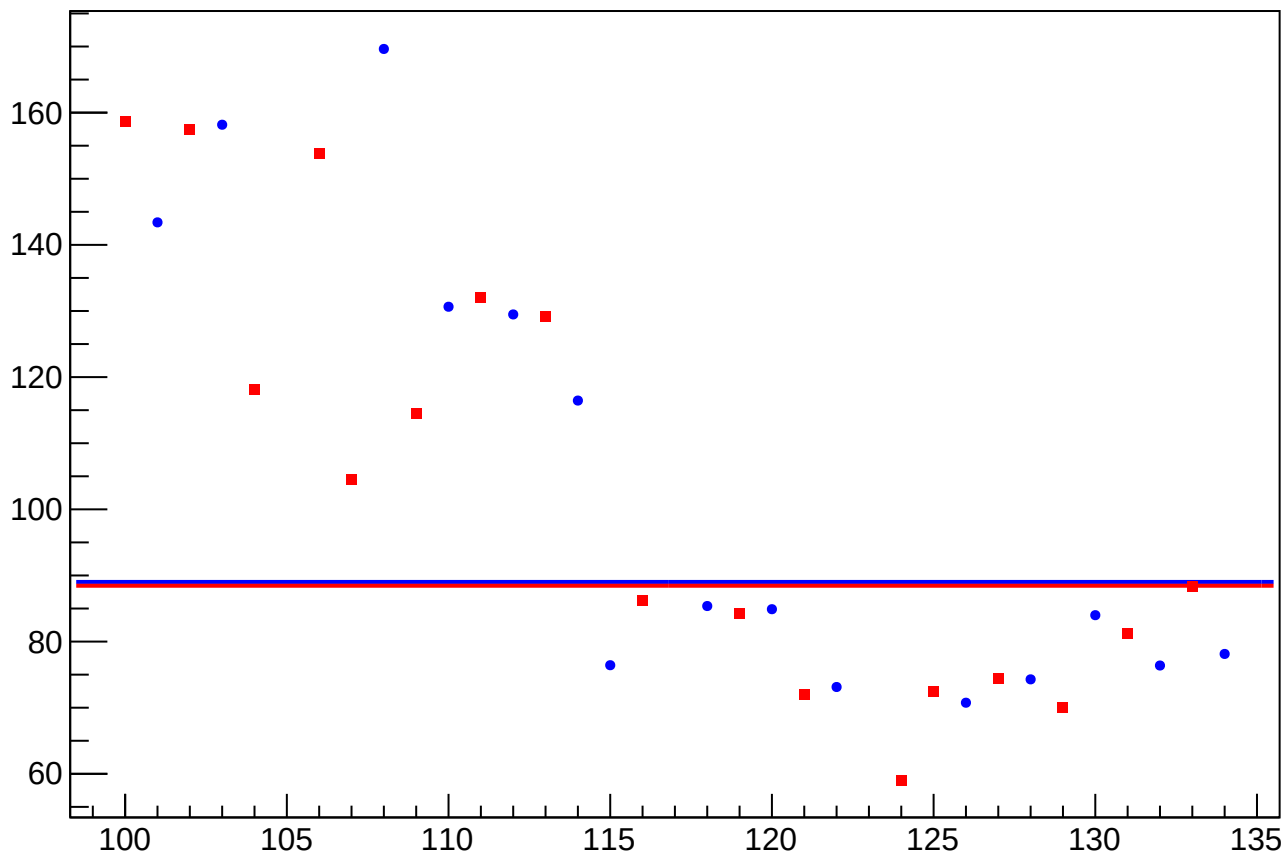
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.014 $\pm$ 0.026 χ^2 /NDF: 32.1/31

- sign 0.000 $\pm$ 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: 88.446 $\pm$ 0.025 χ^2 /NDF: 931320.4/16

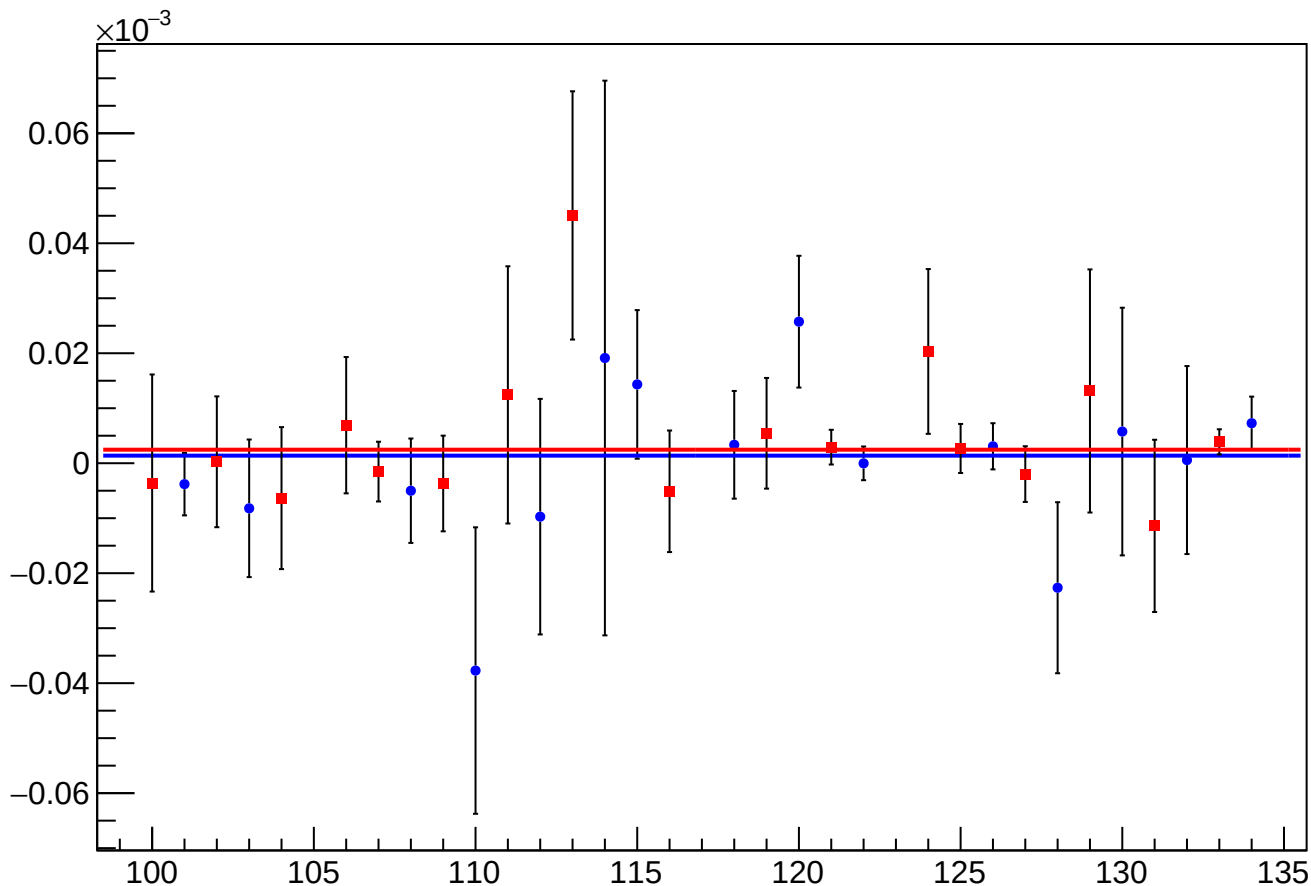
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 88.724 $\pm$ 0.018 χ^2 /NDF: 1892277.0/31

- 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: 9.7/16

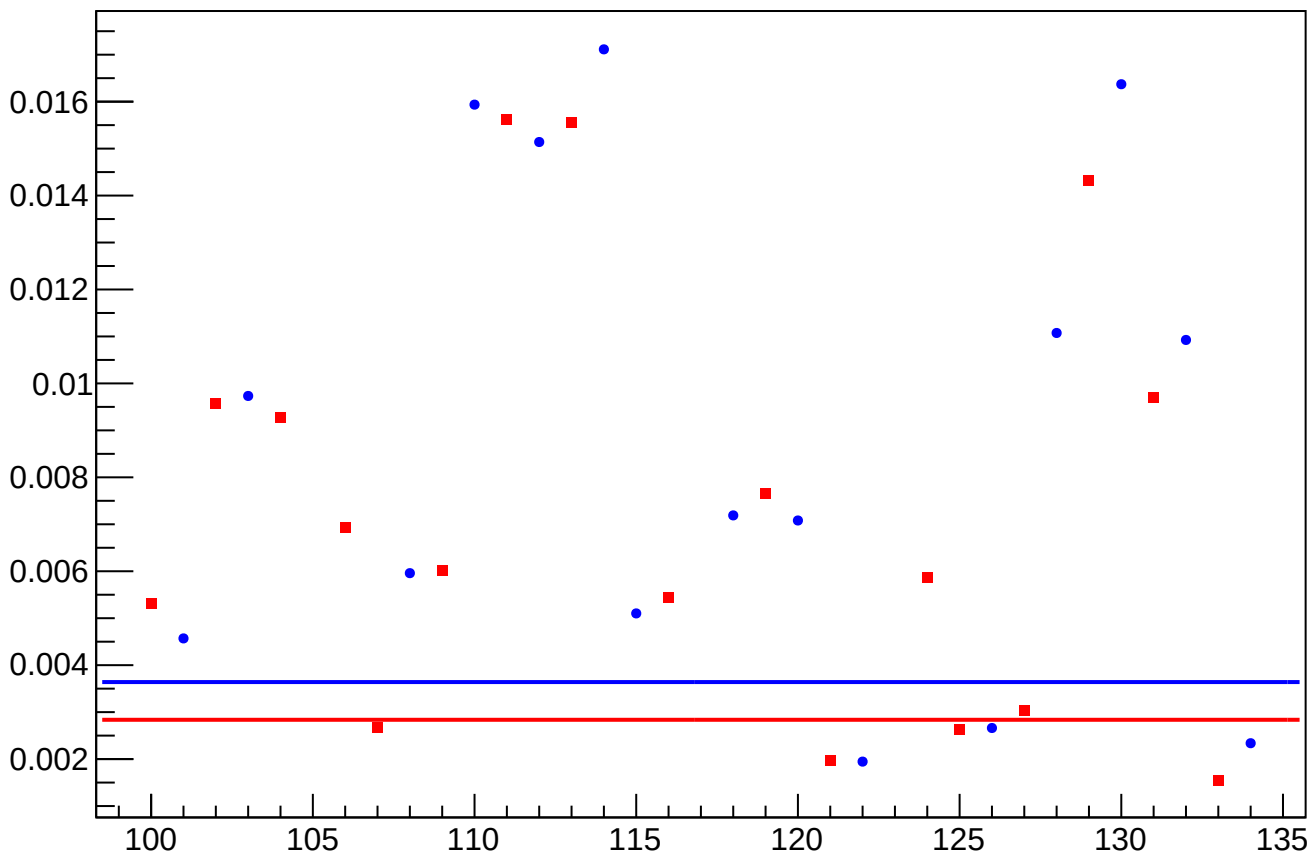
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.8/31

- 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 : 5268265.9/16

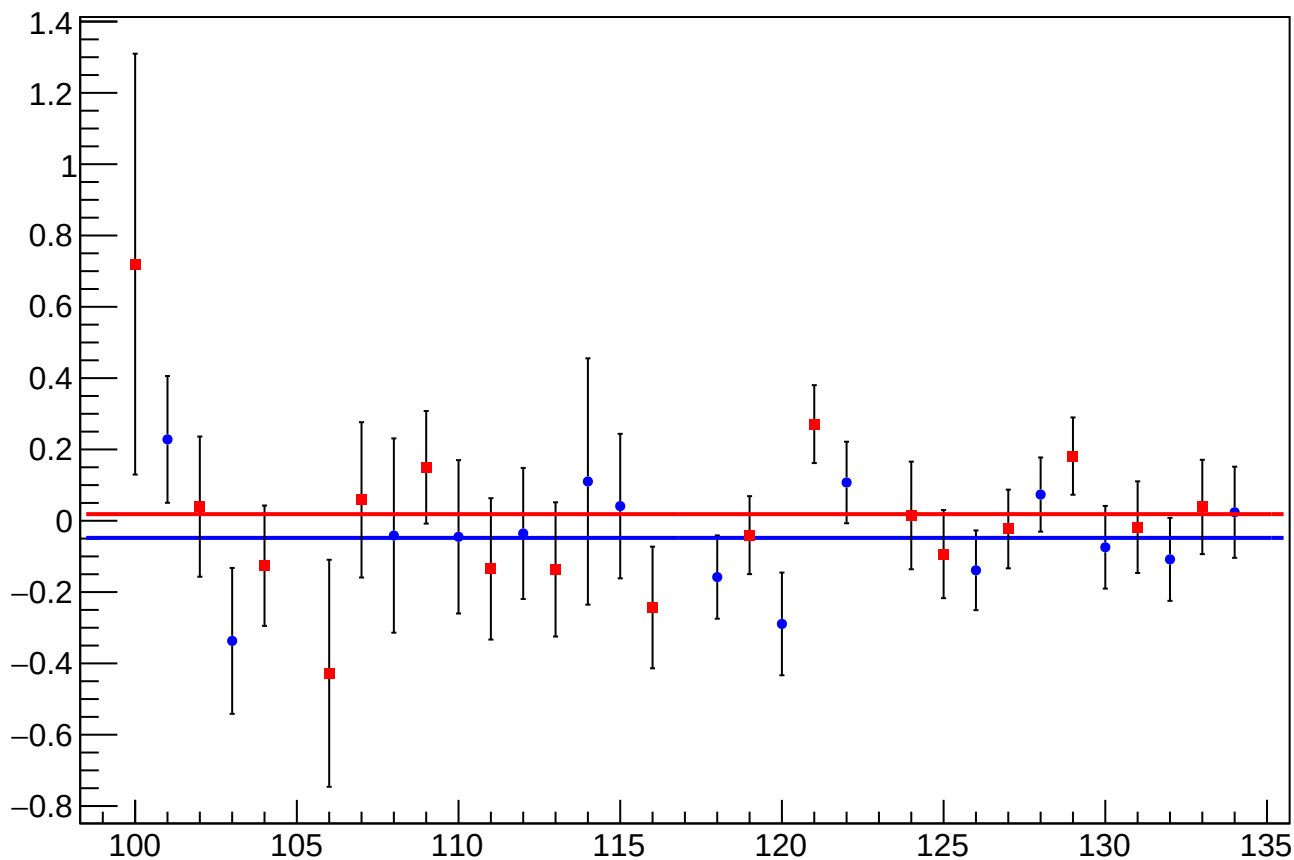
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 10090216.4/31

- 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: 0.019 $\pm$ 0.036 χ^2 /NDF: 17.4/16

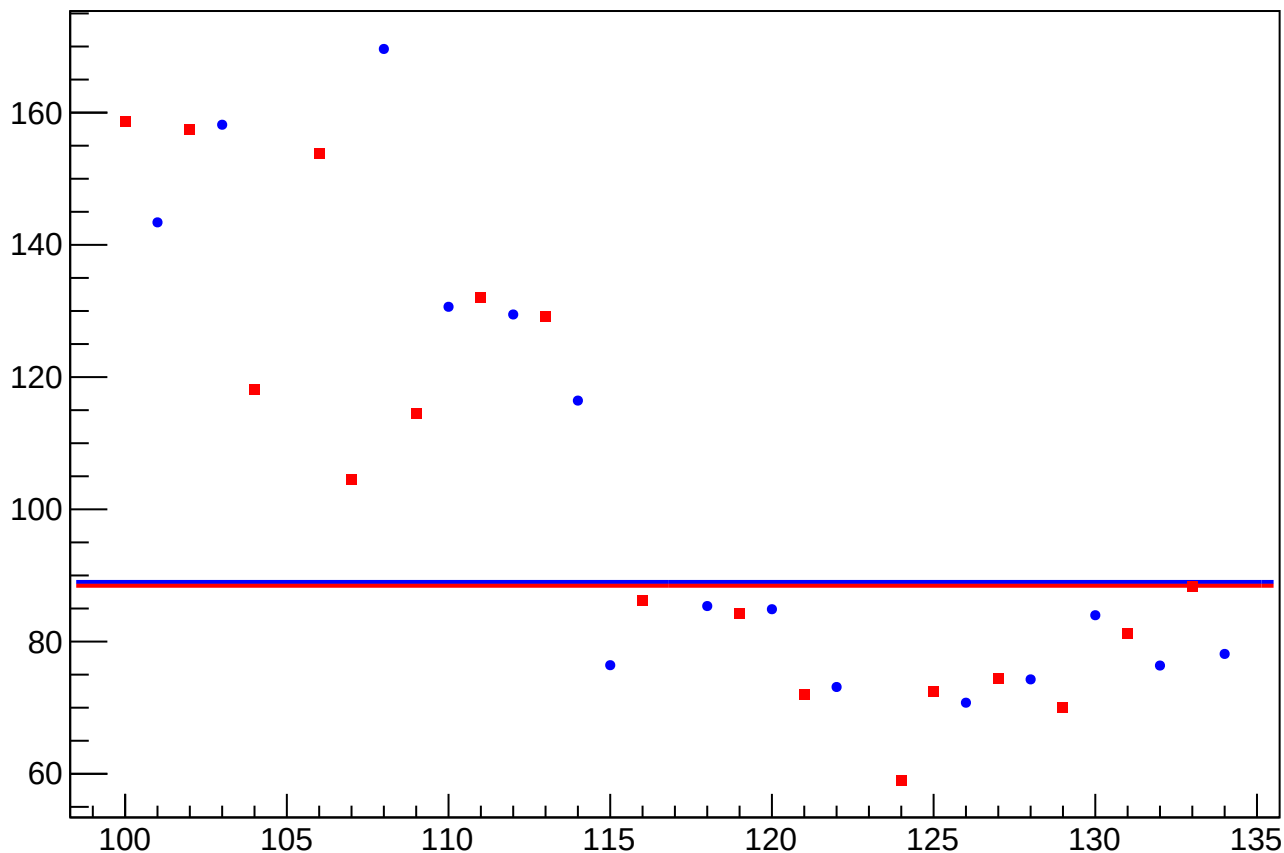
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.014 $\pm$ 0.026 χ^2 /NDF: 32.1/31

- 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 $\pm$ 0.026 χ^2 /NDF: 960713.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 88.443 $\pm$ 0.025 χ^2 /NDF: 931329.9/16

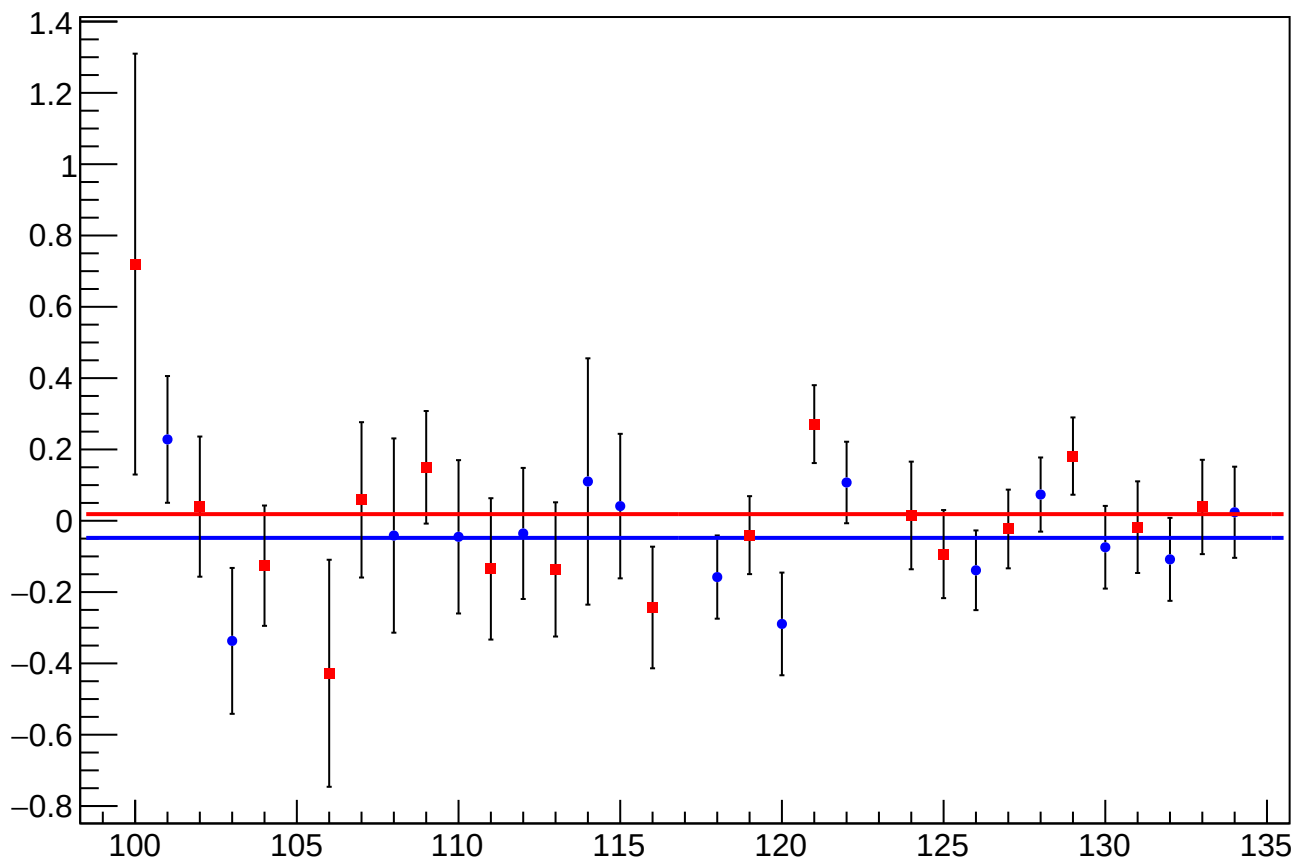
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 88.721 $\pm$ 0.018 χ^2 /NDF: 1892294.5/31

- sign 0.000 $\pm$ 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: 0.019 $\pm$ 0.036 χ^2 /NDF: 17.4/16

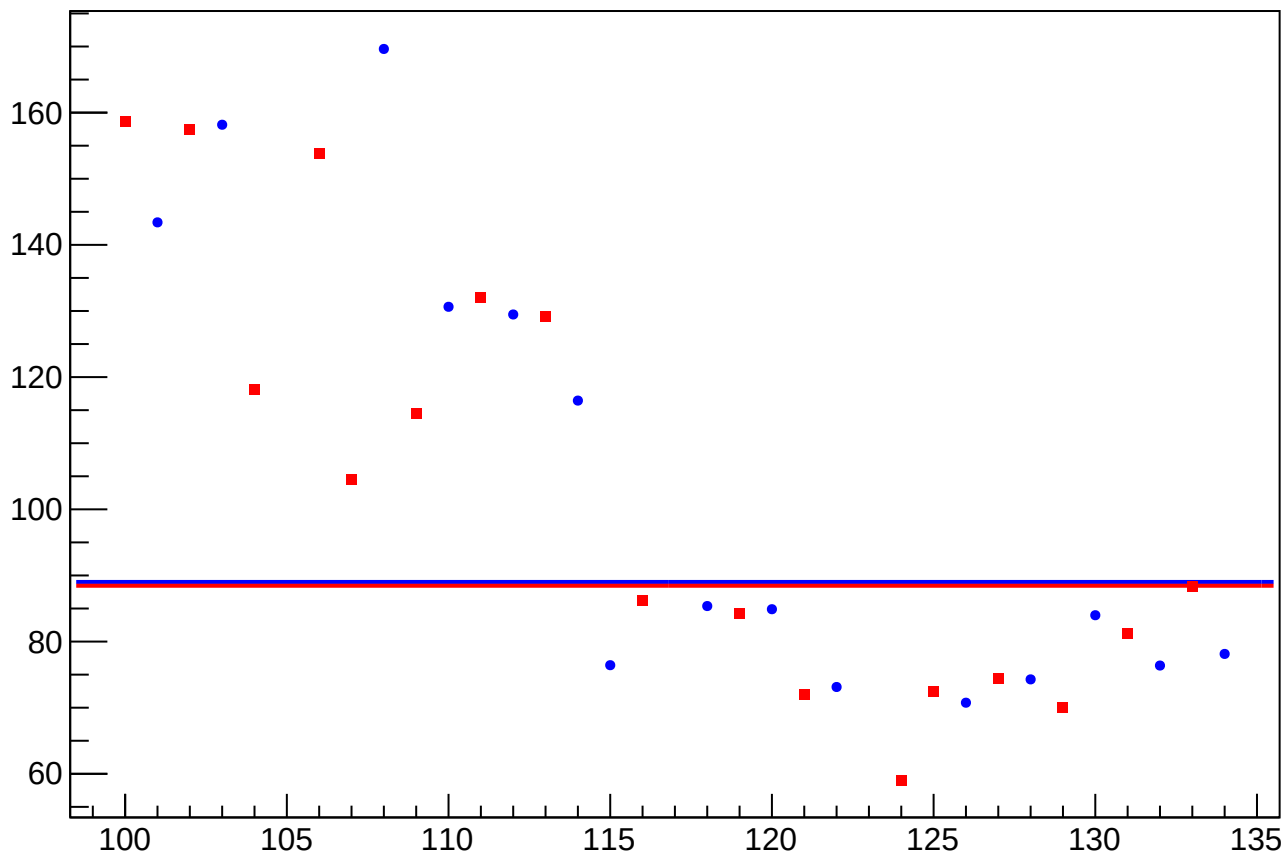
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.014 $\pm$ 0.026 χ^2 /NDF: 32.1/31

- 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: 88.443 $\pm$ 0.025 χ^2 /NDF: 931329.9/16

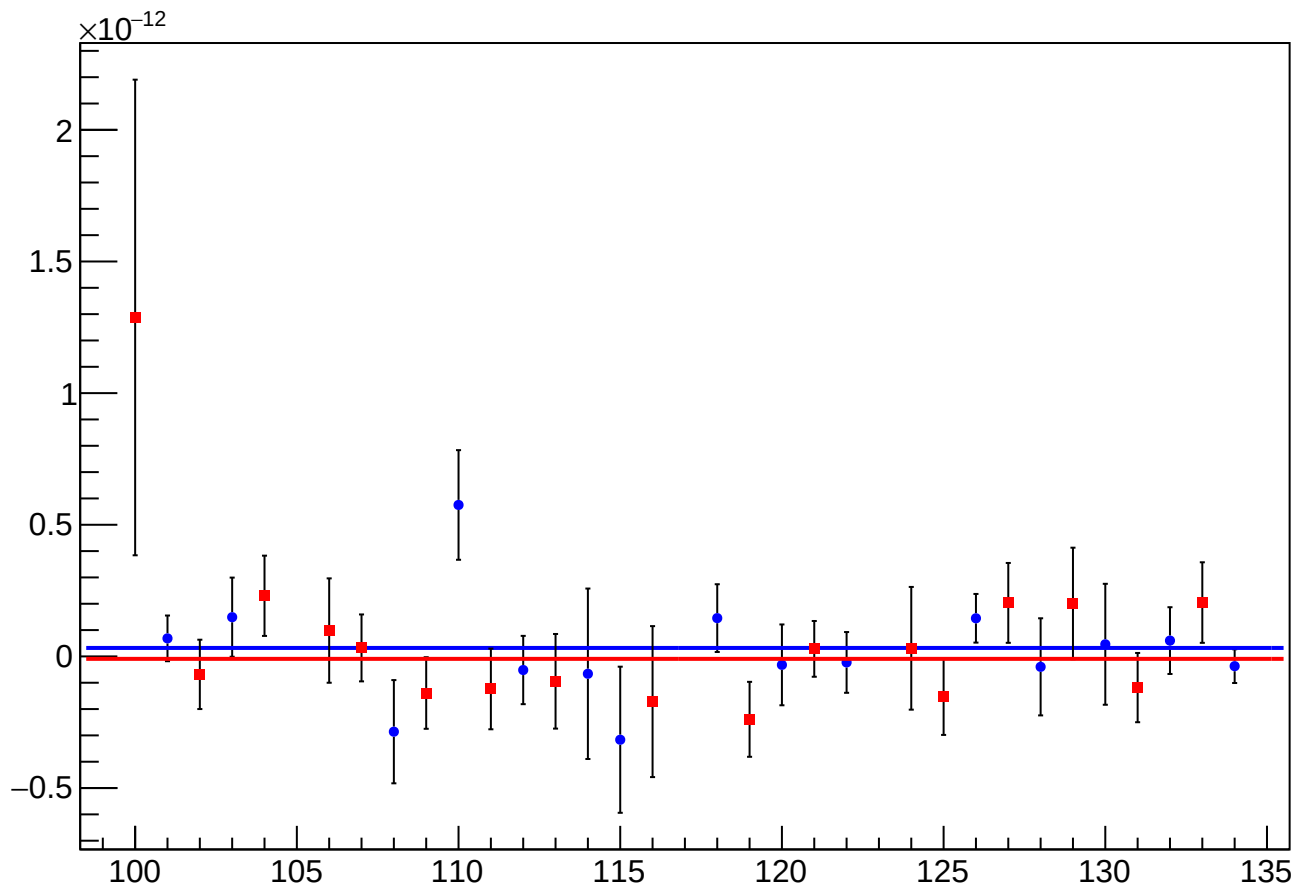
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 88.721 $\pm$ 0.018 χ^2 /NDF: 1892294.5/31

- 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 $\pm$ 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: 16.5/16

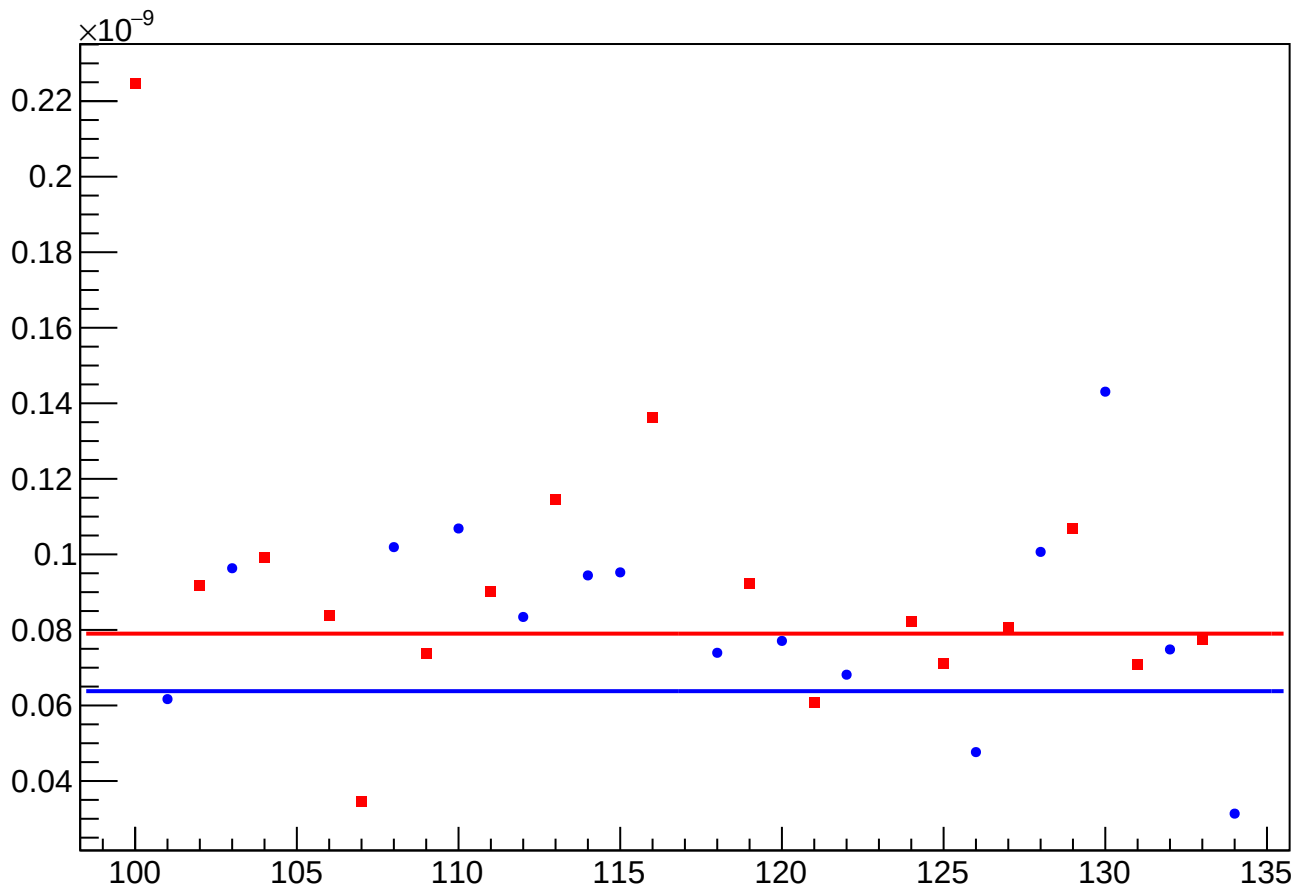
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 33.5/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1283162.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 648151.0/16

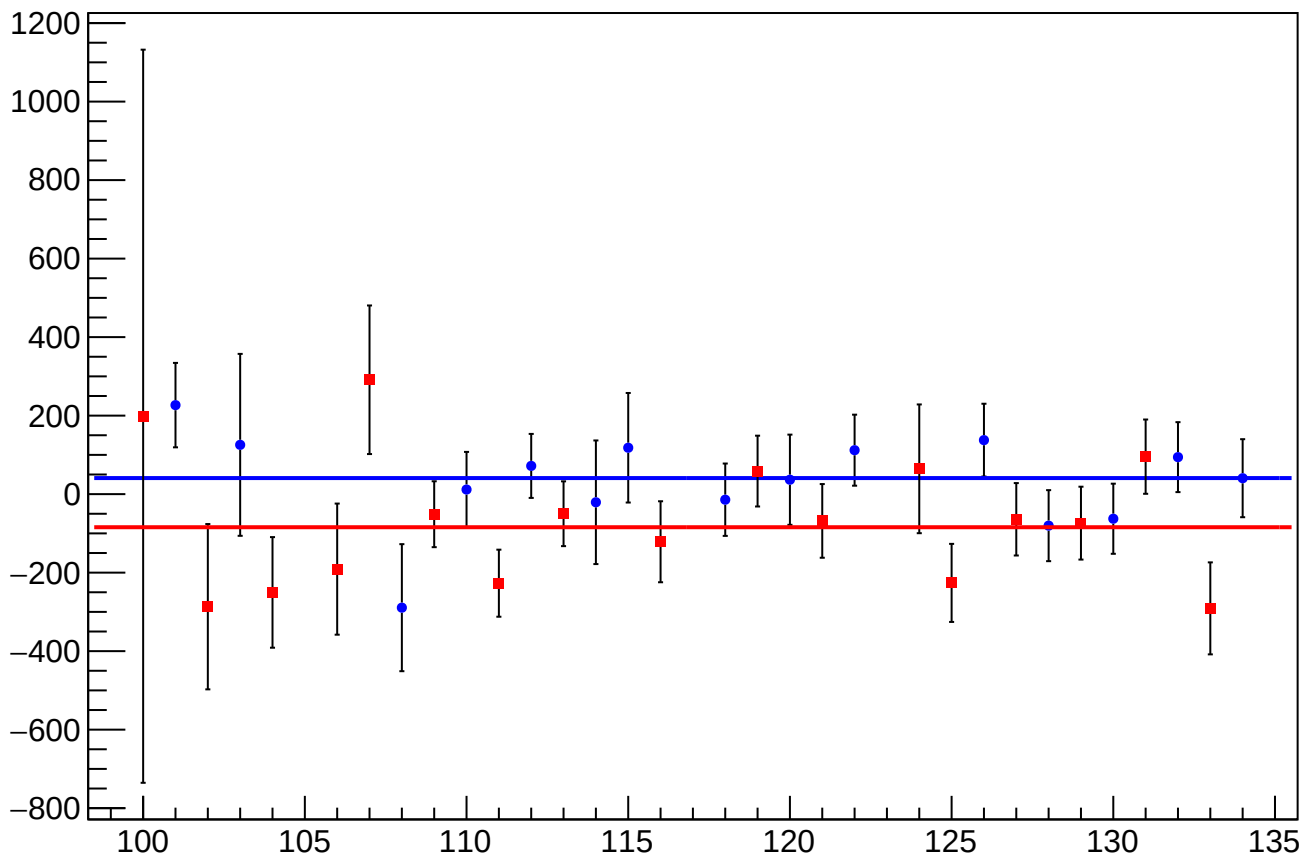
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2118846.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_dd_mean vs Slug



Right In: 40.920+/-26.717 χ^2/NDF : 13.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -84.323+/-26.257 χ^2/NDF : 22.2/16

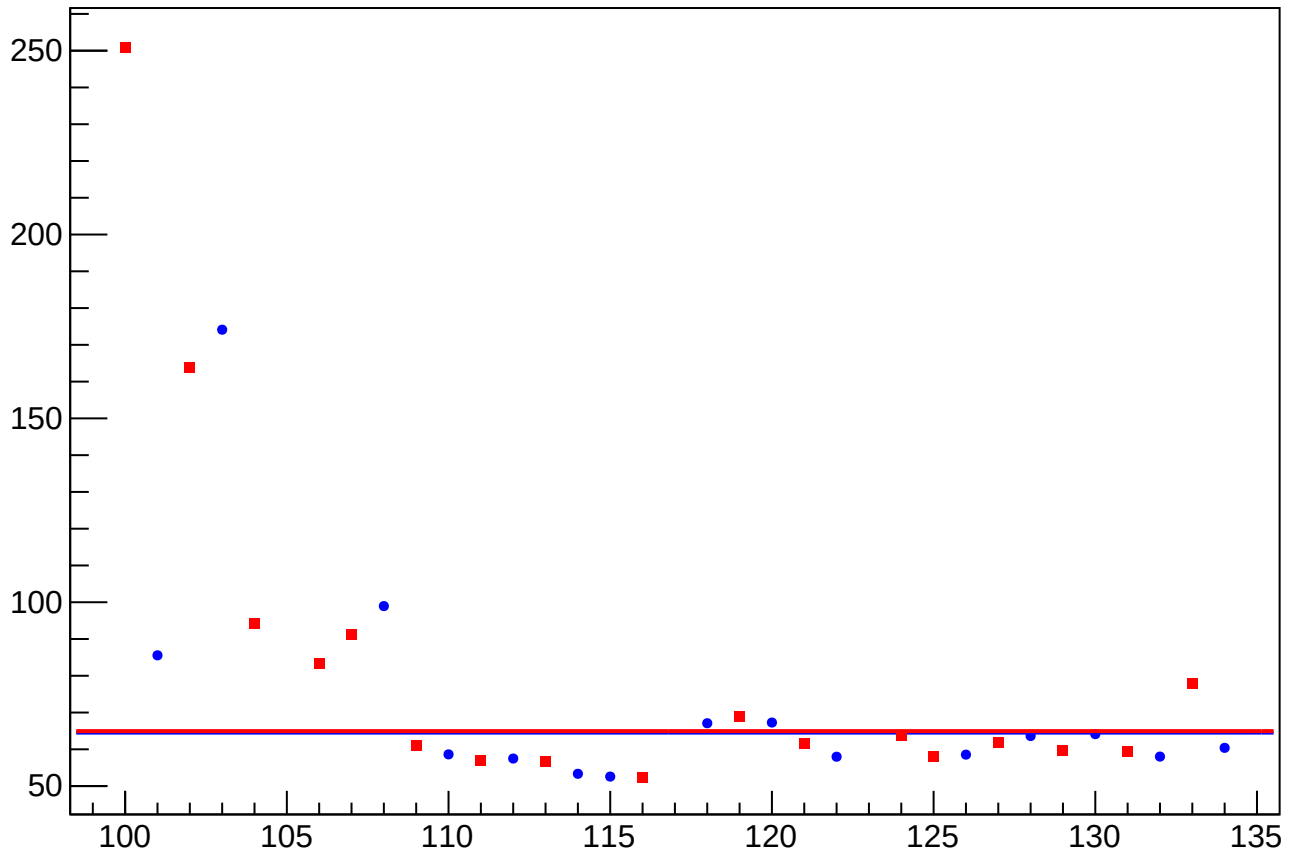
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.789+/-18.727 χ^2/NDF : 46.9/31

- sign 0.000+/-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: 64.950+/-0.019 χ^2/NDF : 797217.7/16

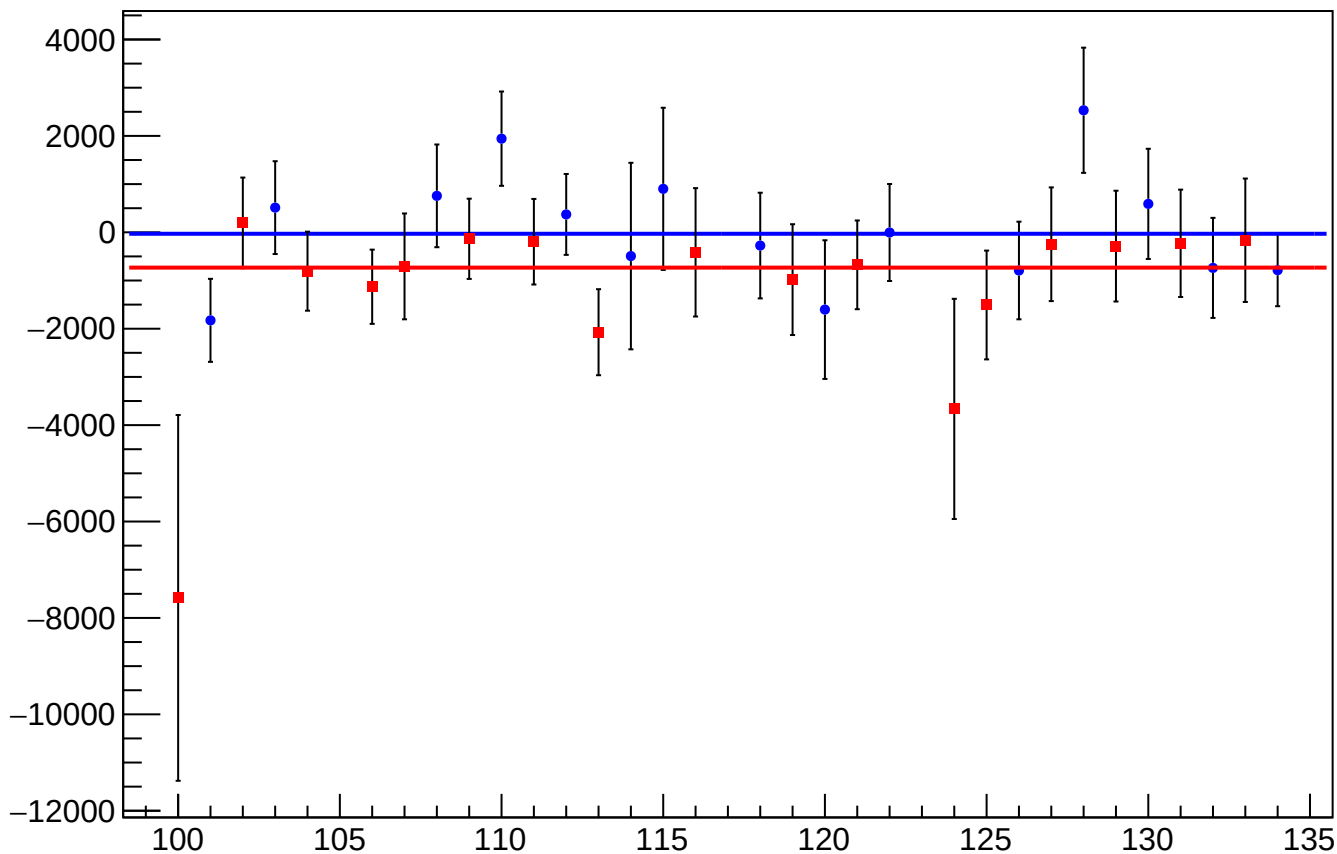
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.751+/-0.013 χ^2/NDF : 1494781.4/31

- 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: -732.204+/-253.642 χ^2/NDF : 10.6/16

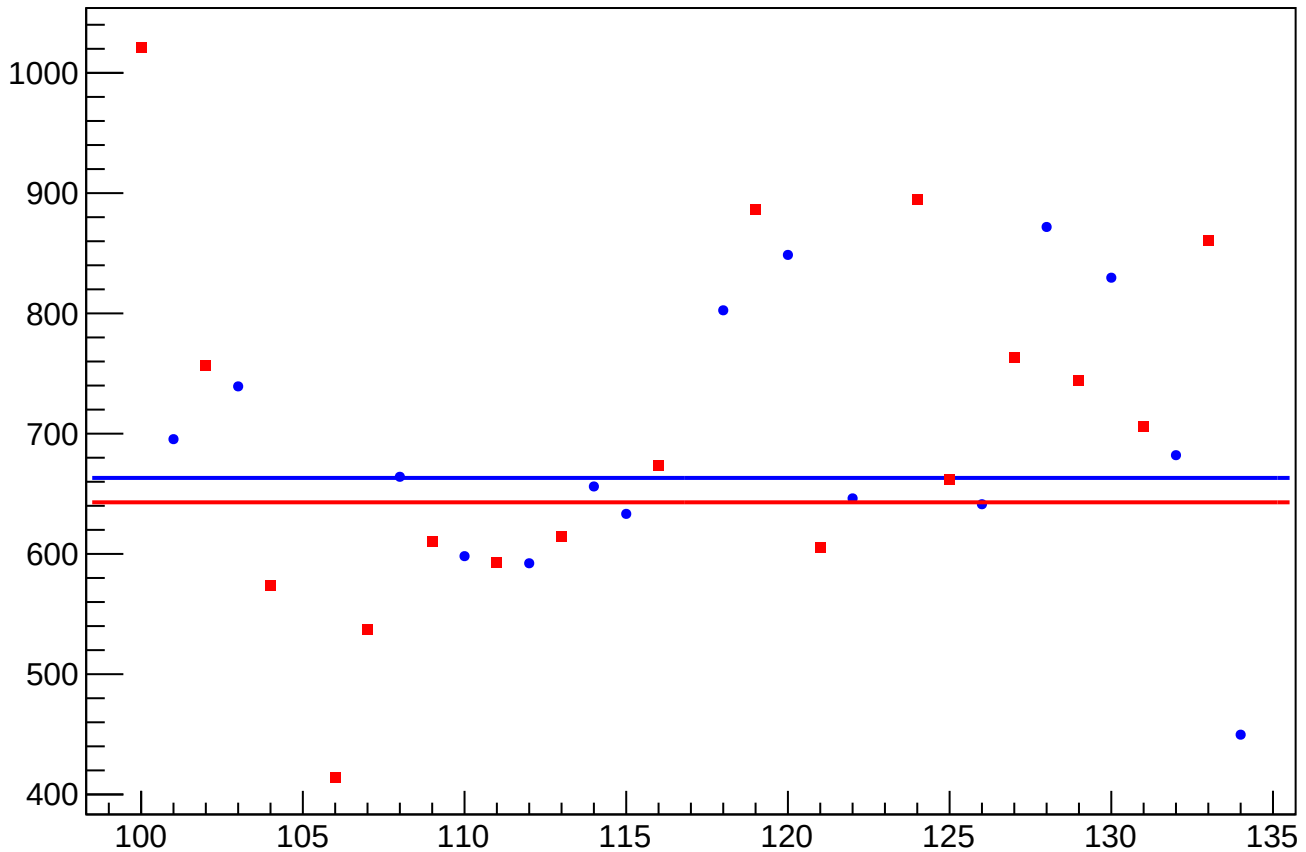
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -402.730+/-184.775 χ^2/NDF : 31.5/31

- 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: 642.909 $\pm$ 0.179 χ^2 /NDF: 489221.7/16

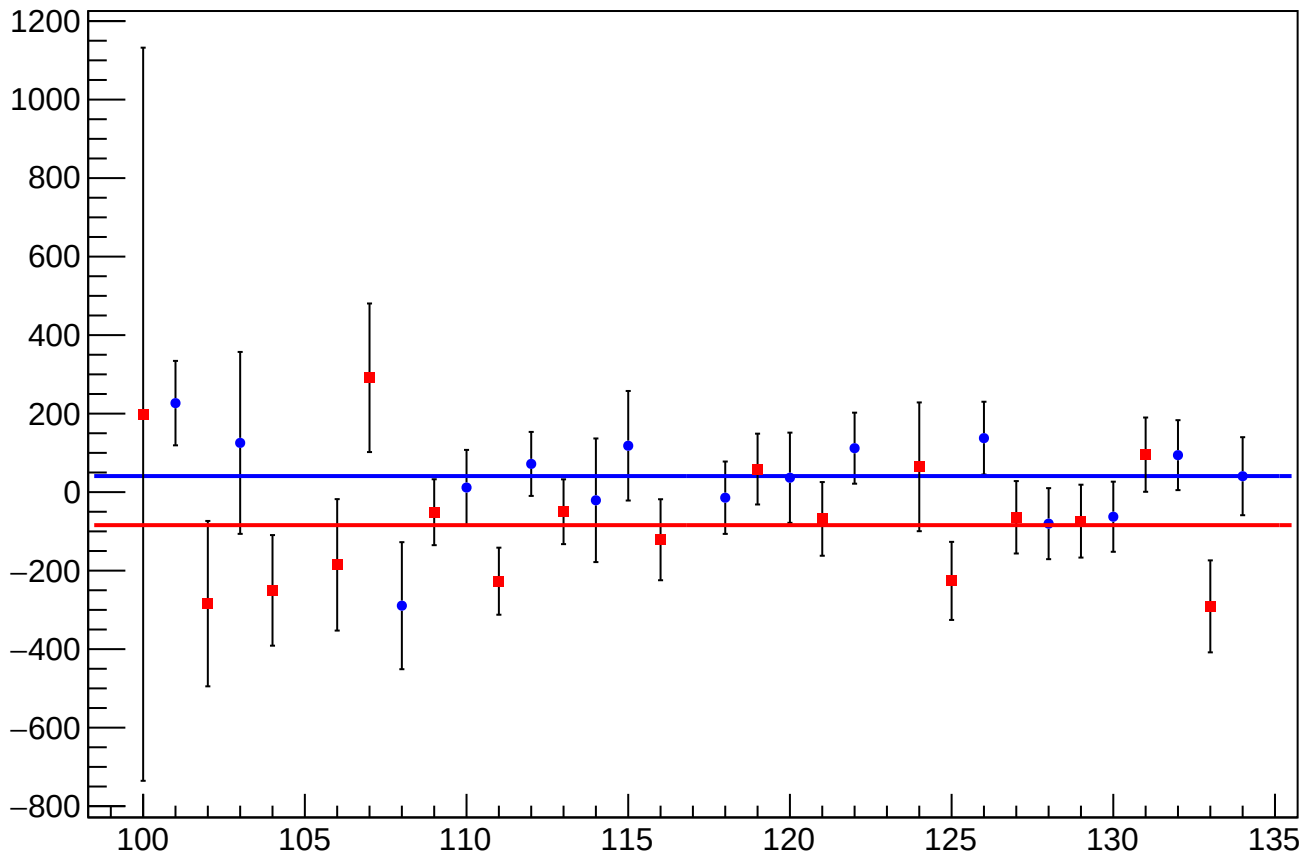
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 652.430 $\pm$ 0.131 χ^2 /NDF: 859030.3/31

- 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: -84.115 $\pm$ 26.259 χ^2 /NDF: 22.1/16

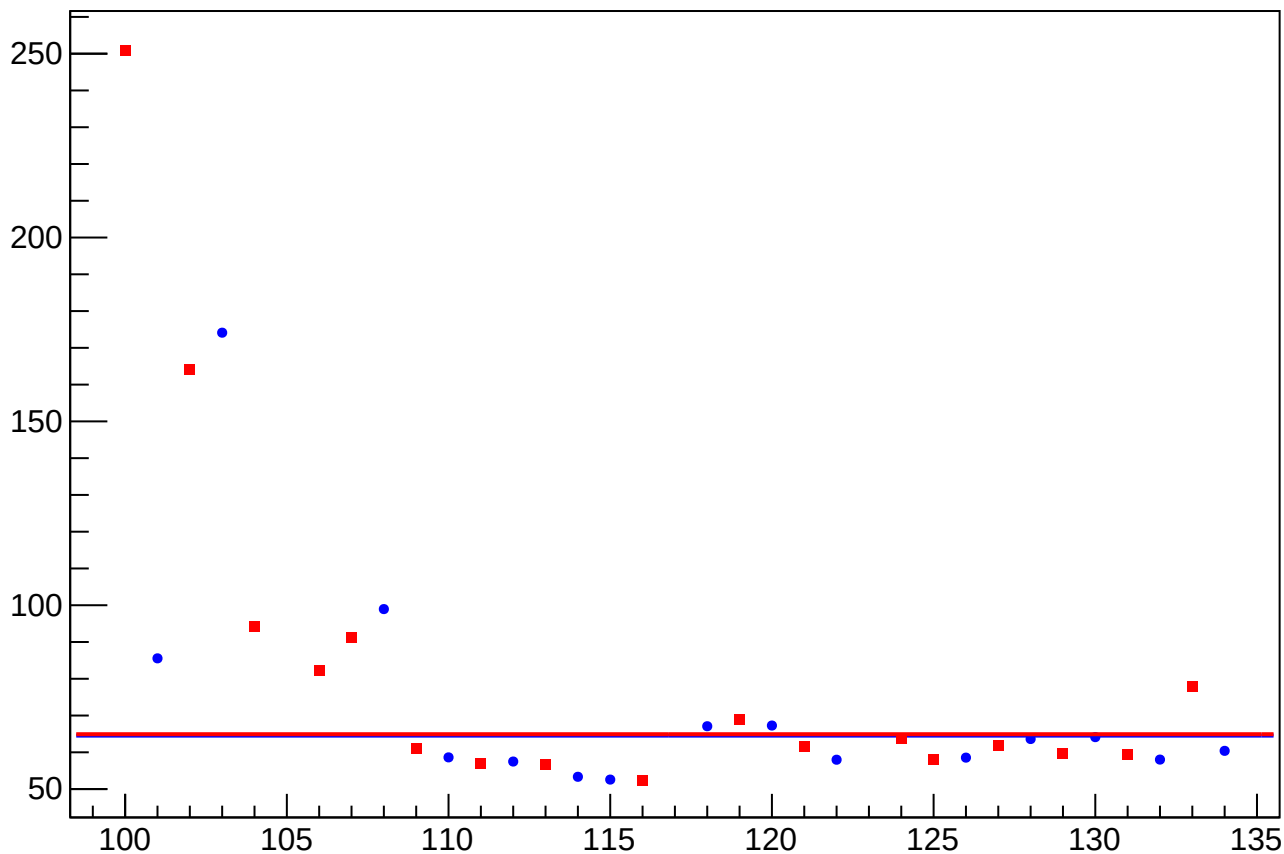
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -22.683 $\pm$ 18.728 χ^2 /NDF: 46.8/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_dd_rms vs Slug



Right In: 64.545+/-0.019 χ^2/NDF : 697331.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.922+/-0.019 χ^2/NDF : 794671.6/16

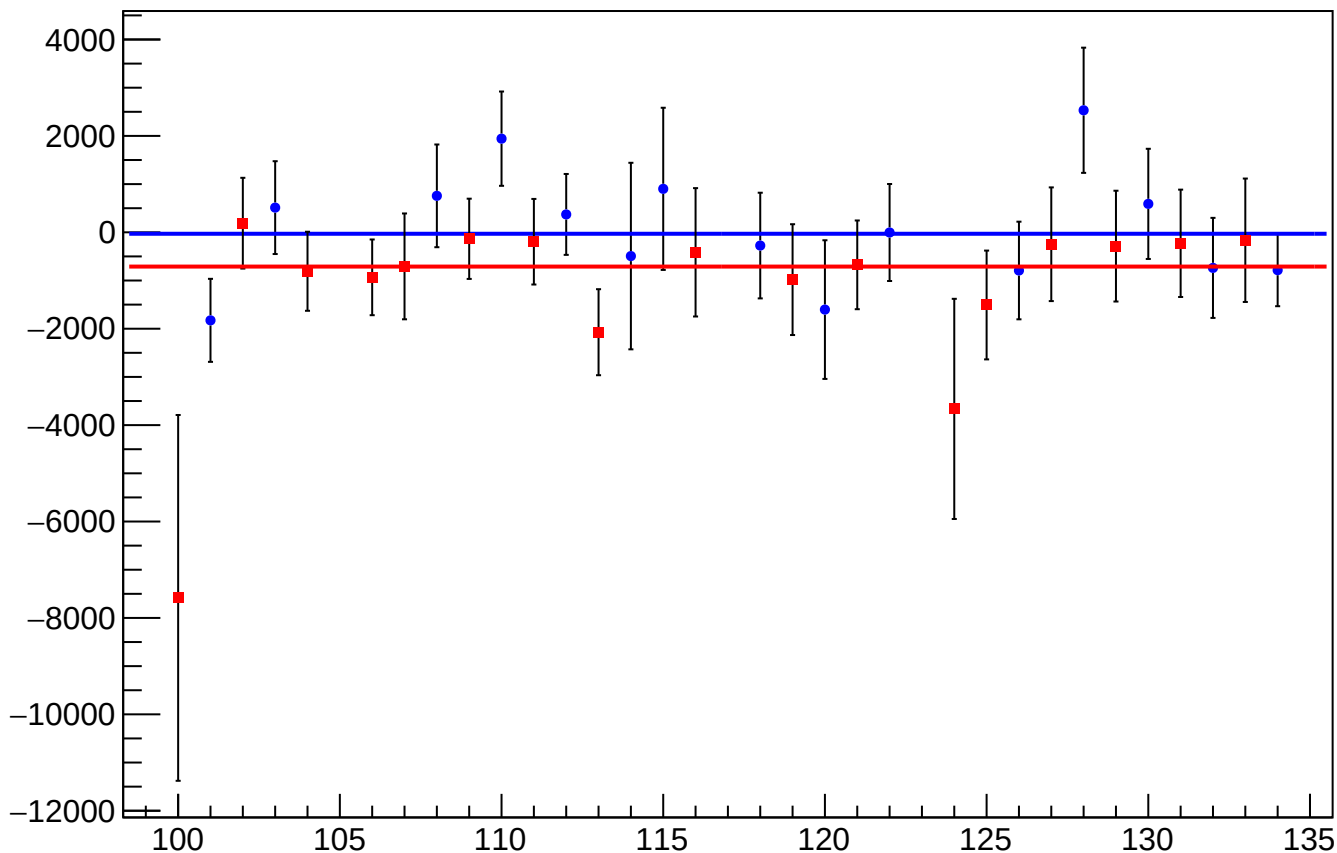
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.737+/-0.013 χ^2/NDF : 1492206.5/31

- sign 0.000+/-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: -710.787+/-254.201 χ^2/NDF : 10.4/16

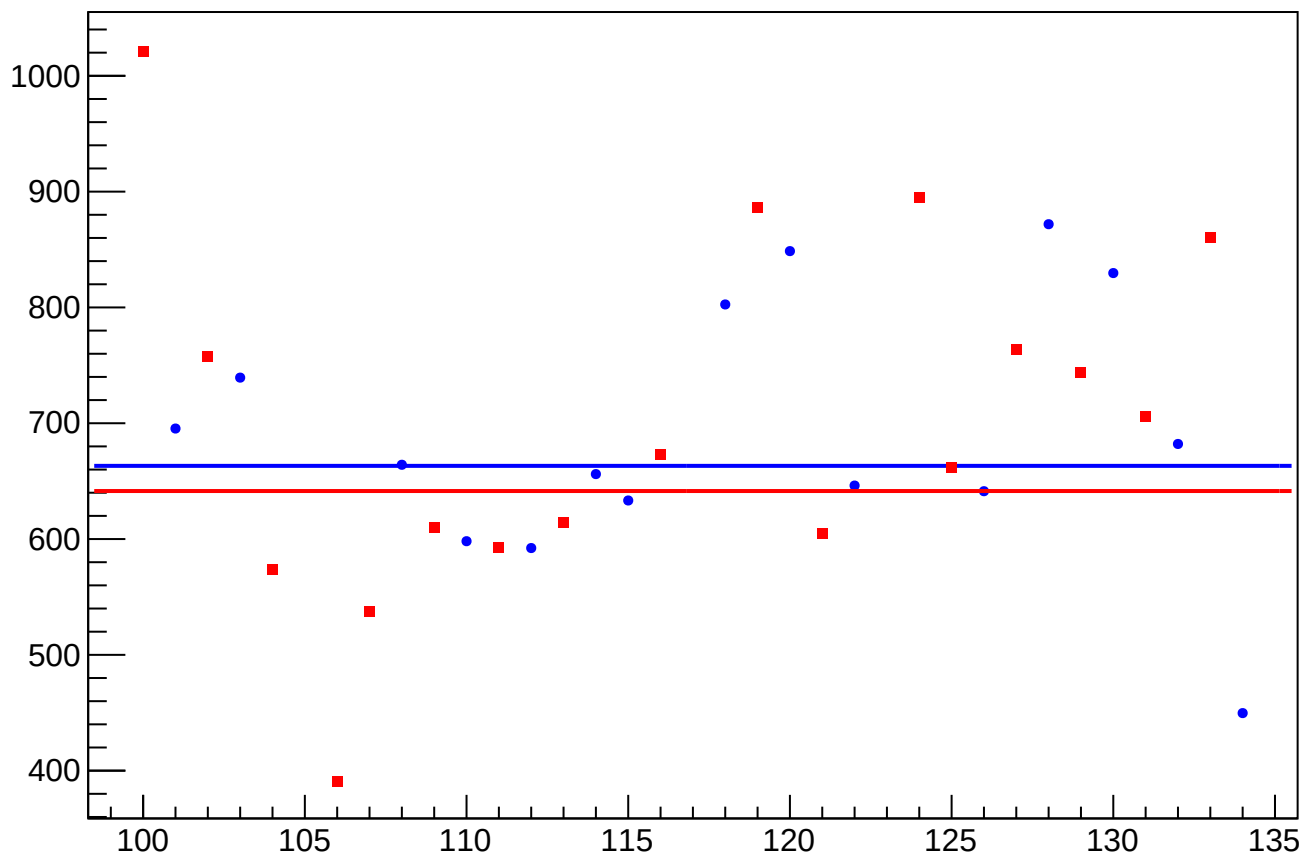
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -390.617+/-184.991 χ^2/NDF : 31.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_cor_correction_rms vs Slug



Right In: 663.201 $\pm$ 0.191 χ^2 /NDF: 363826.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 641.465 $\pm$ 0.180 χ^2 /NDF: 519083.0/16

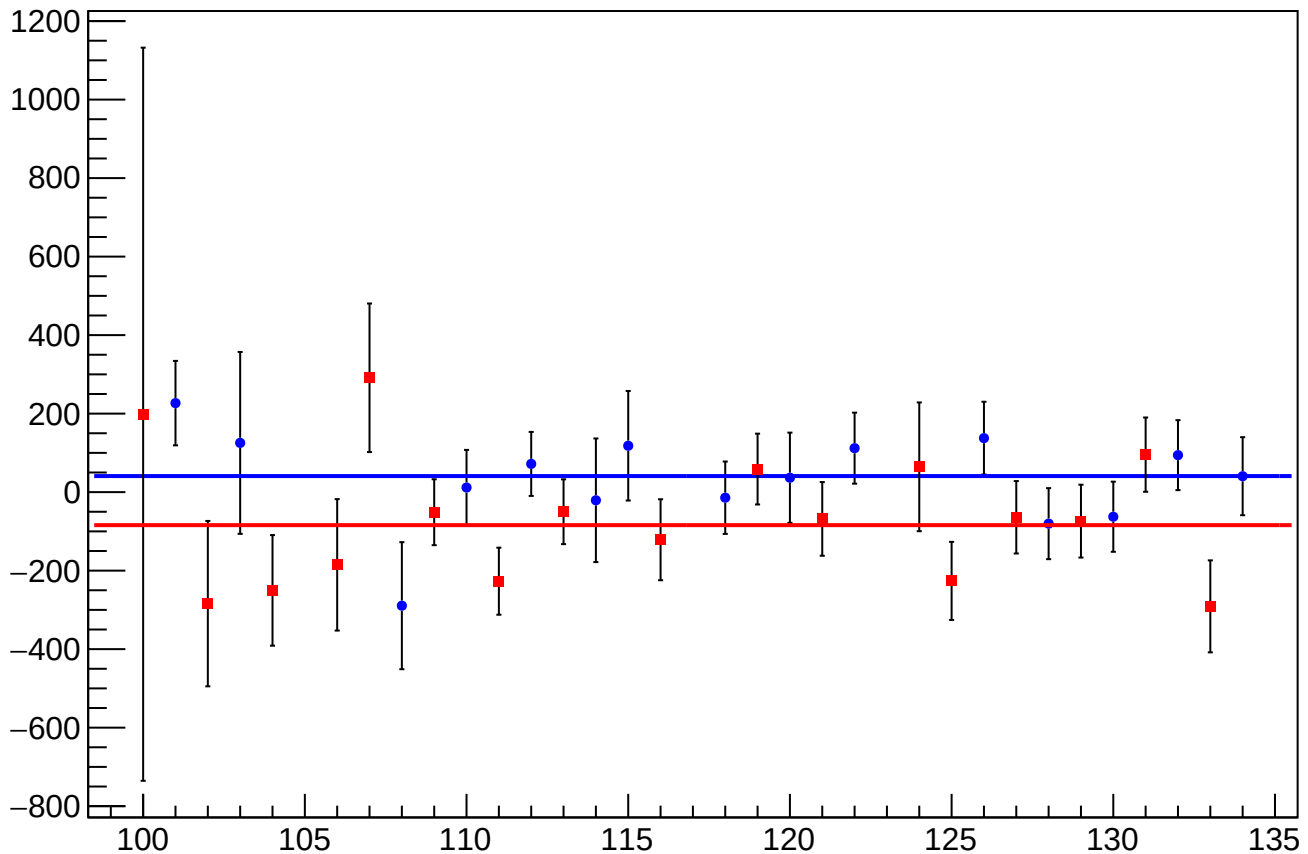
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 651.690 $\pm$ 0.131 χ^2 /NDF: 889788.0/31

- sign 0.000 $\pm$ 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: -84.115 $\pm$ 26.259 χ^2 /NDF: 22.1/16

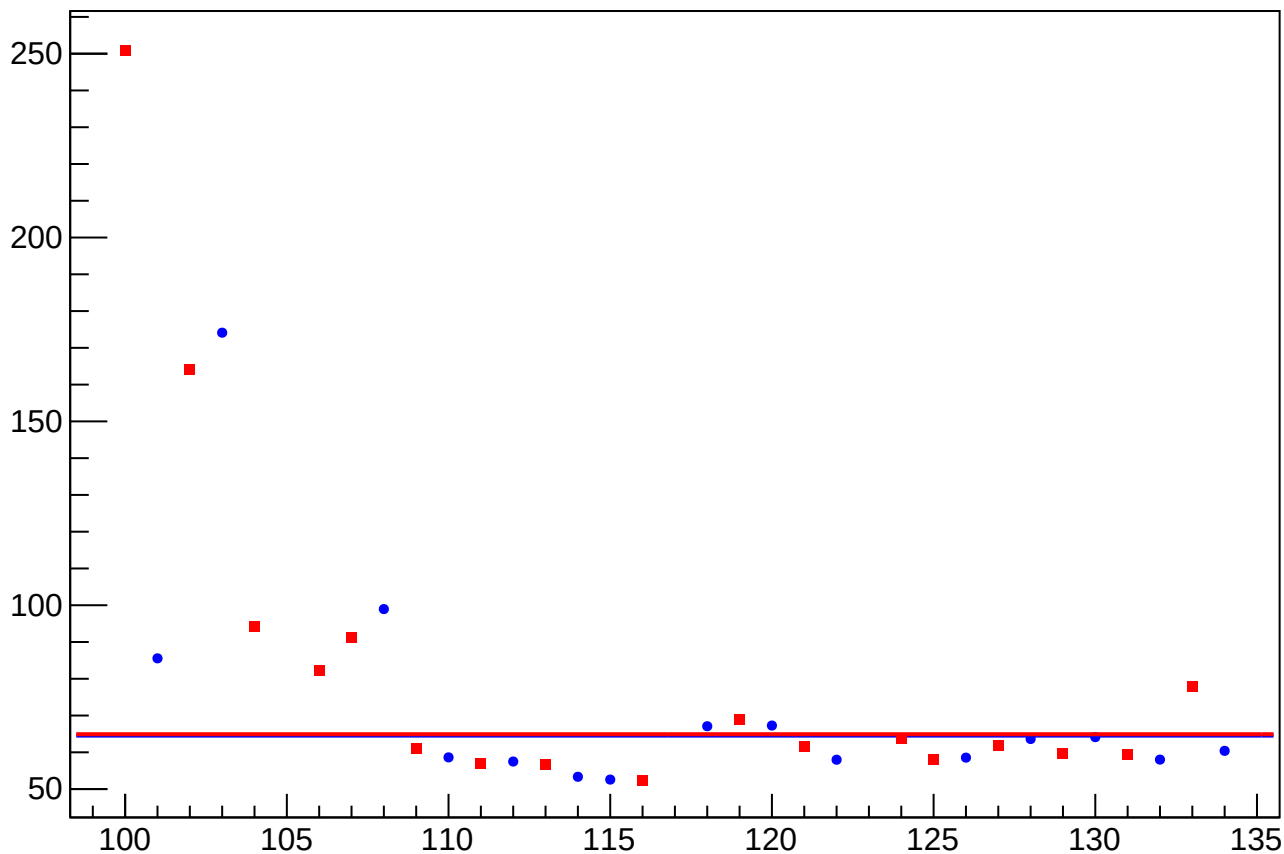
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -22.683 $\pm$ 18.728 χ^2 /NDF: 46.8/31

- 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+/-0.019 χ^2/NDF : 697331.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.922+/-0.019 χ^2/NDF : 794671.6/16

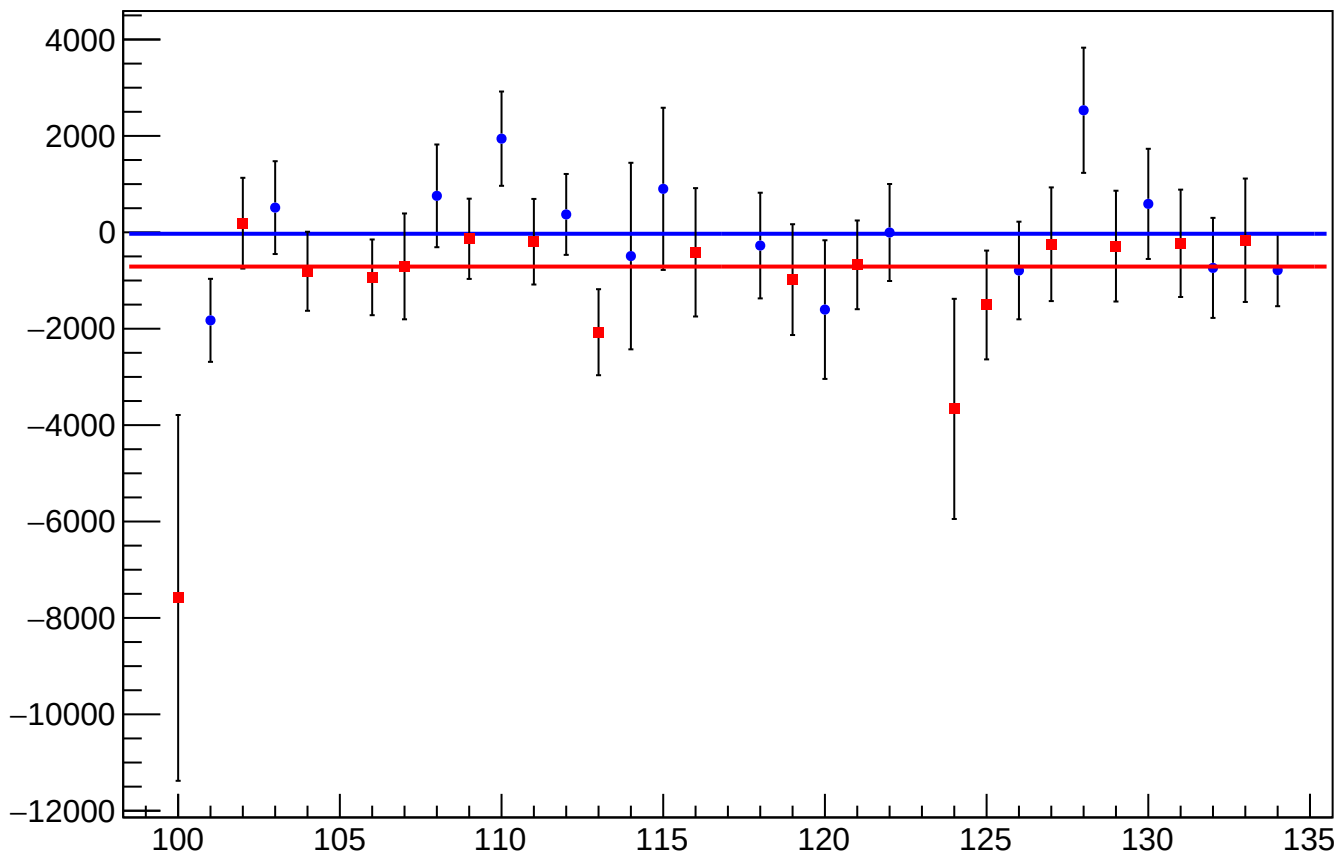
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.737+/-0.013 χ^2/NDF : 1492206.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_eigen_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: -710.787+/-254.201 χ^2/NDF : 10.4/16

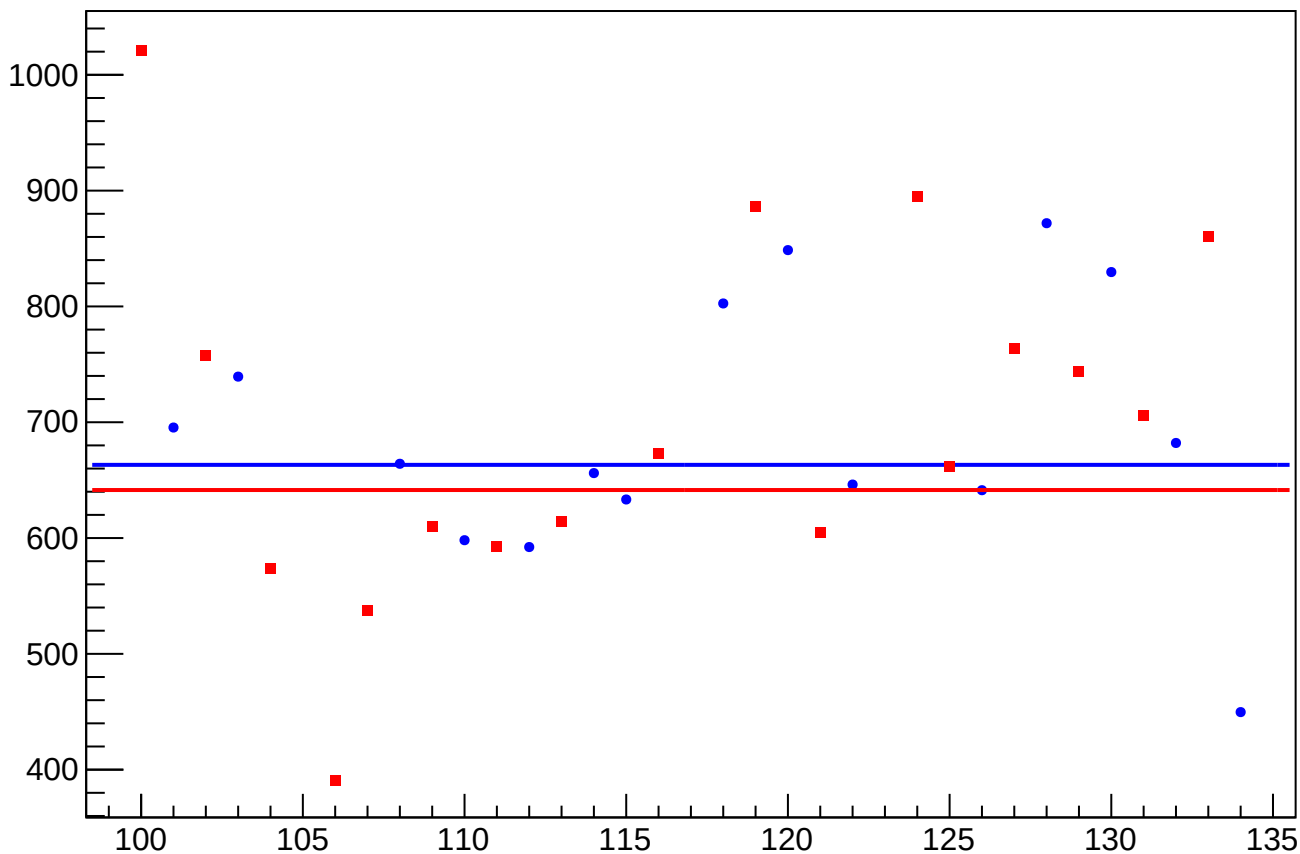
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -390.617+/-184.991 χ^2/NDF : 31.1/31

- sign 0.000+/-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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

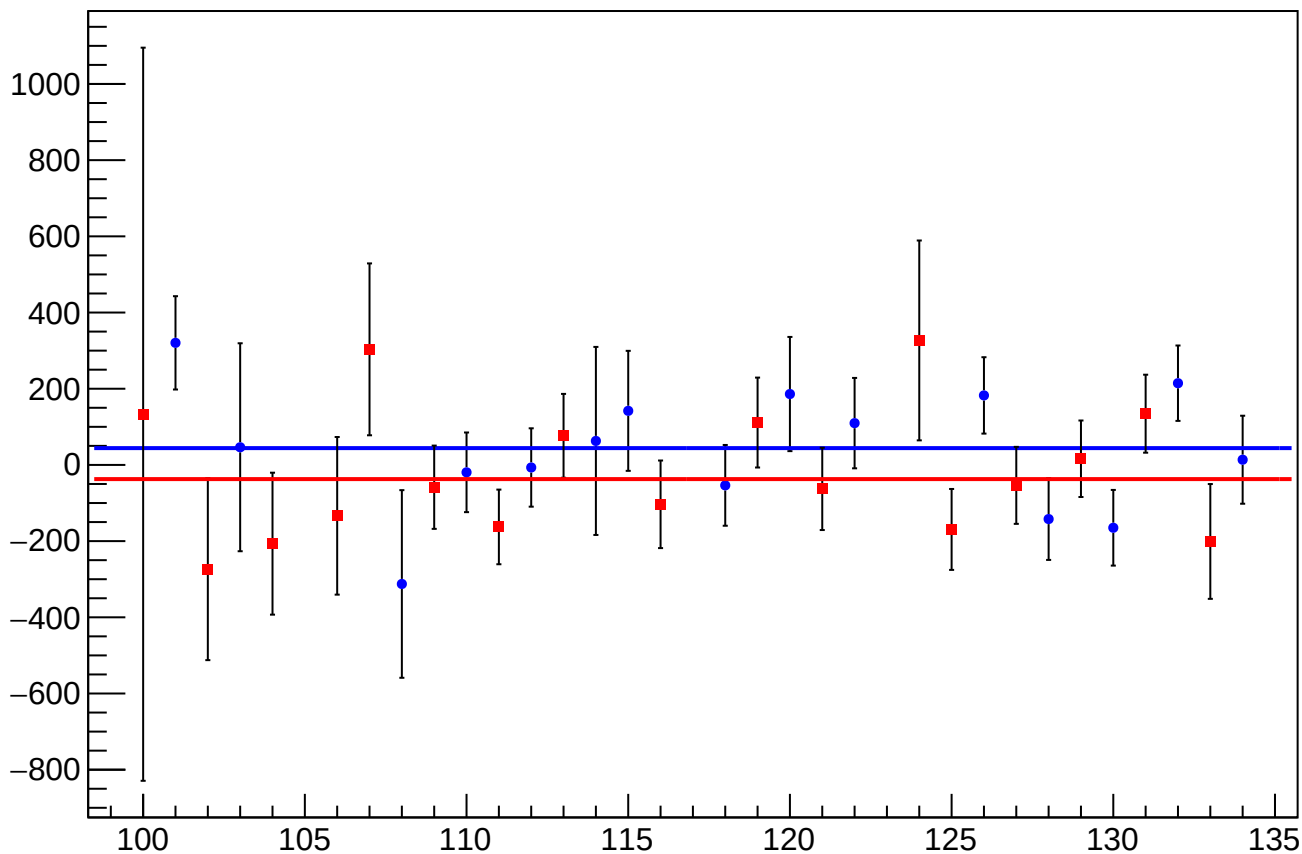
Right Out: 641.465+/-0.180 χ^2/NDF : 519083.0/16

All: 651.690+/-0.131 χ^2/NDF : 889788.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_mean vs Slug



Right In: 44.135 $\pm$ 31.486 χ^2 /NDF: 22.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -37.203 $\pm$ 31.100 χ^2 /NDF: 16.8/16

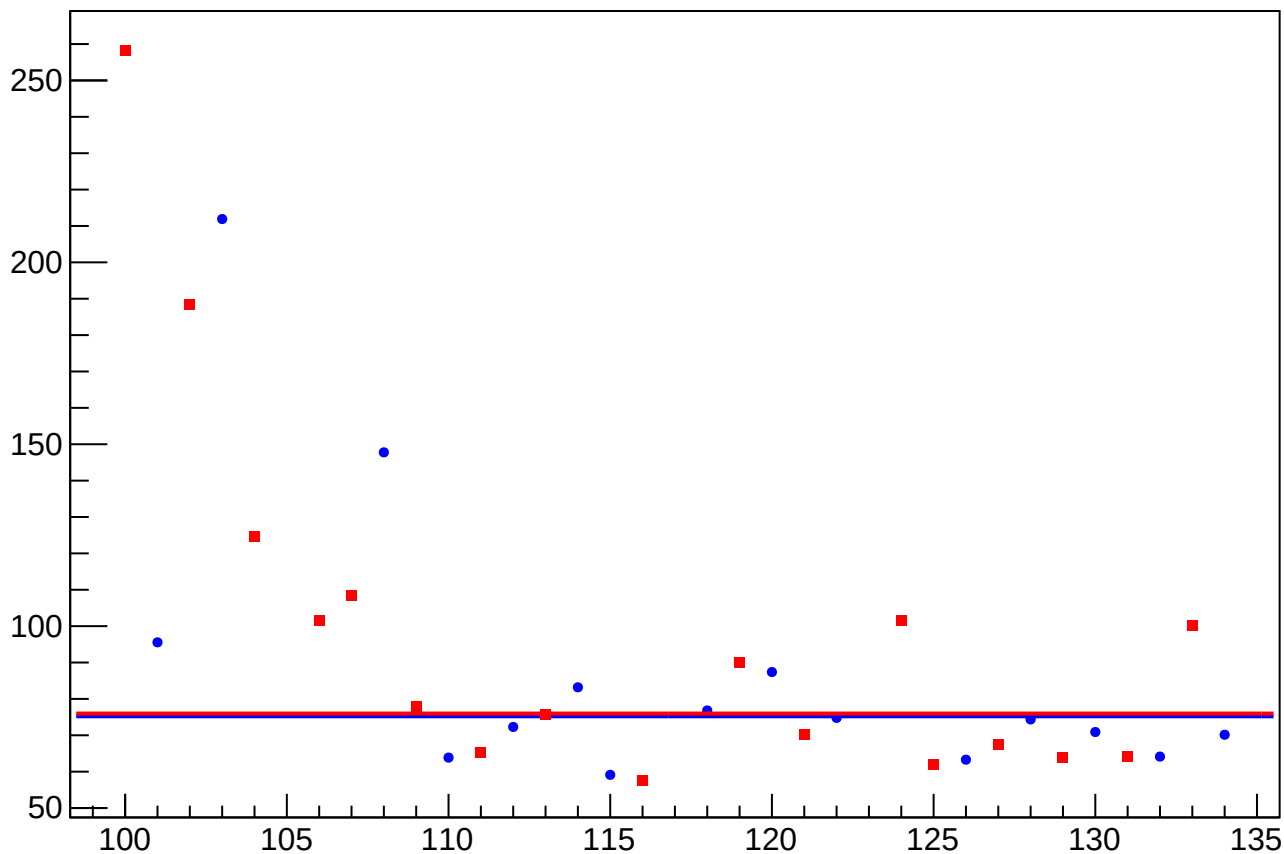
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.964 $\pm$ 22.126 χ^2 /NDF: 42.8/31

- sign 0.000 $\pm$ 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: 75.974+/-0.022 χ^2/NDF : 1010247.8/16

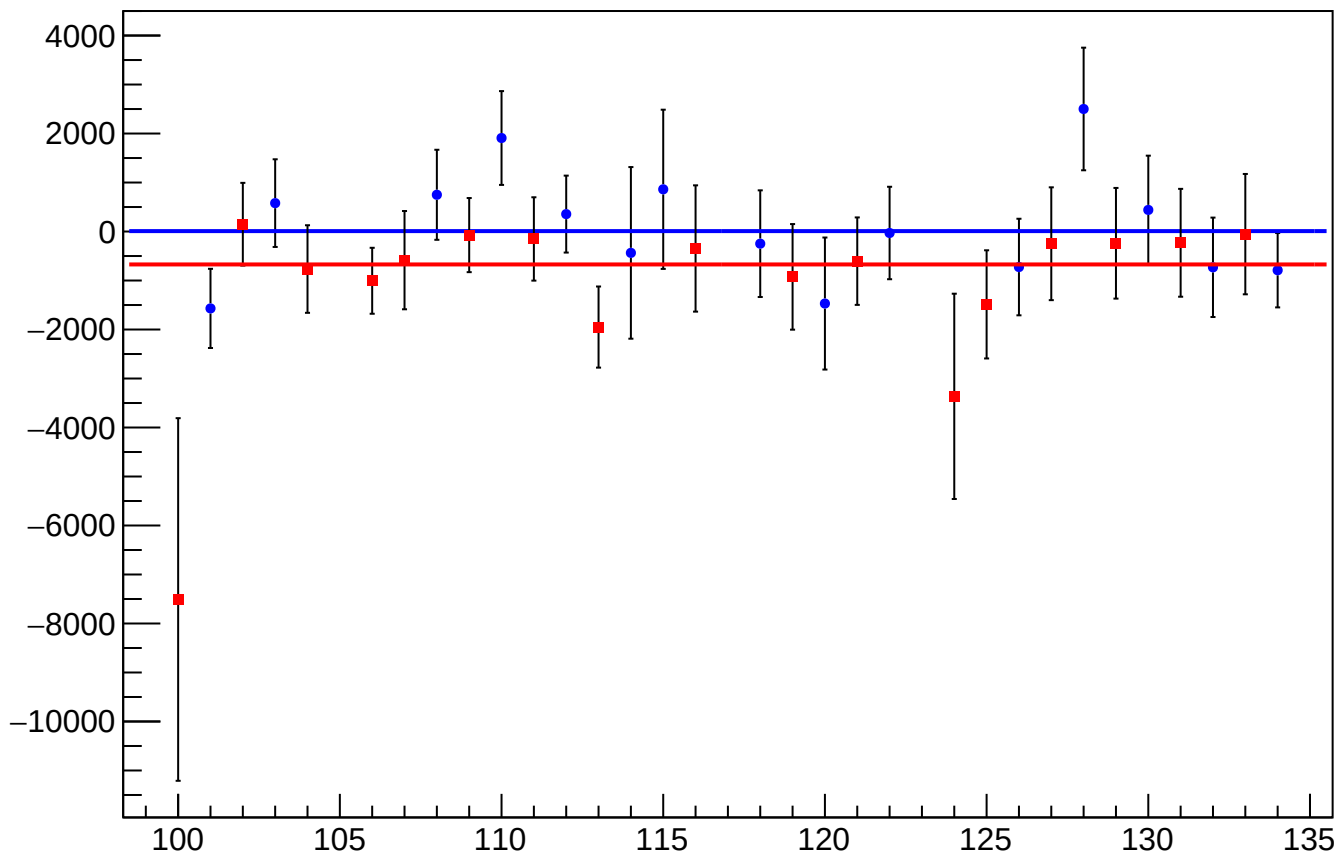
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.599+/-0.016 χ^2/NDF : 1864110.6/31

- 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: -671.896+/-240.324 χ^2/NDF : 11.0/16

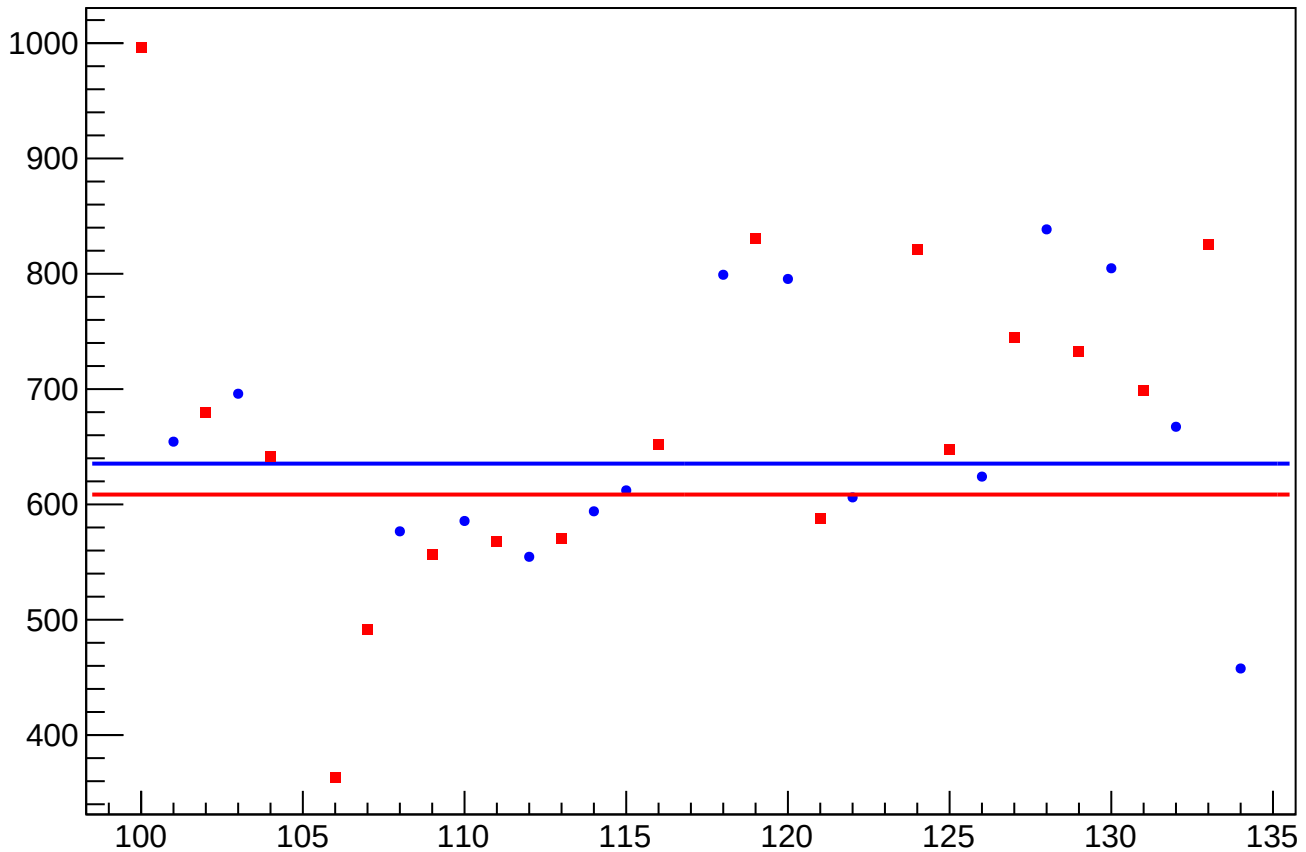
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -355.000+/-175.660 χ^2/NDF : 31.7/31

- 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: 608.555+/-0.170 χ^2/NDF : 589043.0/16

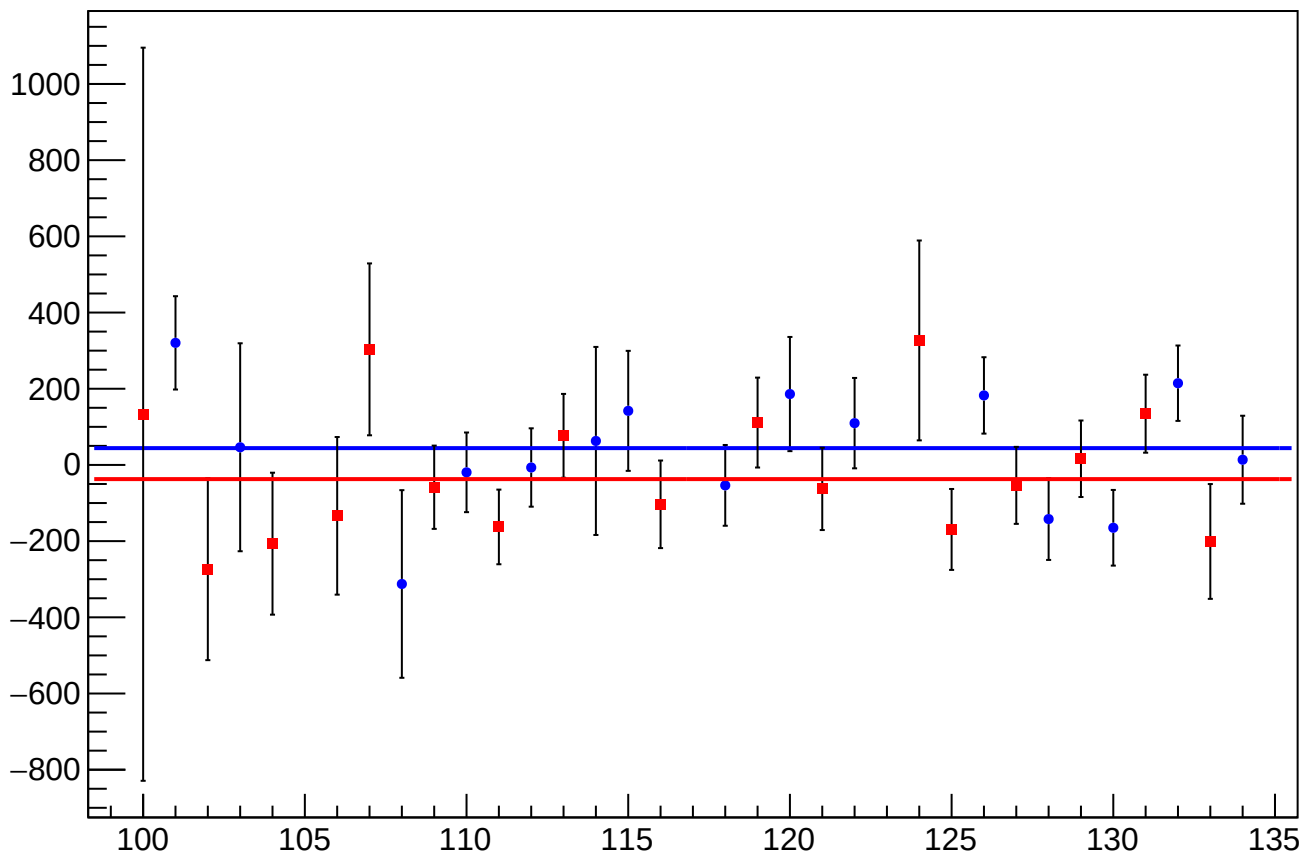
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 621.048+/-0.124 χ^2/NDF : 933999.9/31

- 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: -37.201+/-31.100 χ^2/NDF : 16.8/16

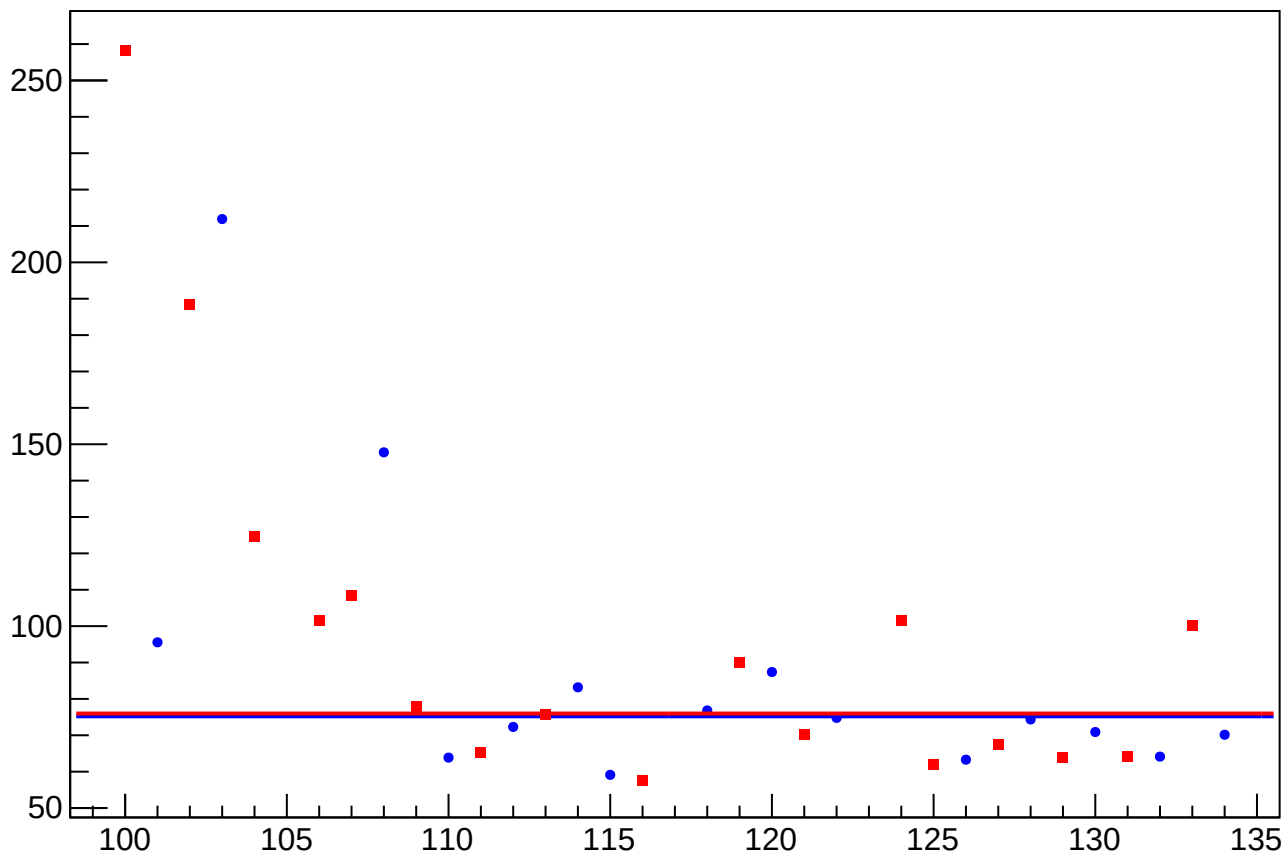
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.965+/-22.126 χ^2/NDF : 42.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_37_dd_rms vs Slug



Right In: 75.215+/-0.022 χ^2/NDF : 853272.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.974+/-0.022 χ^2/NDF : 1010236.5/16

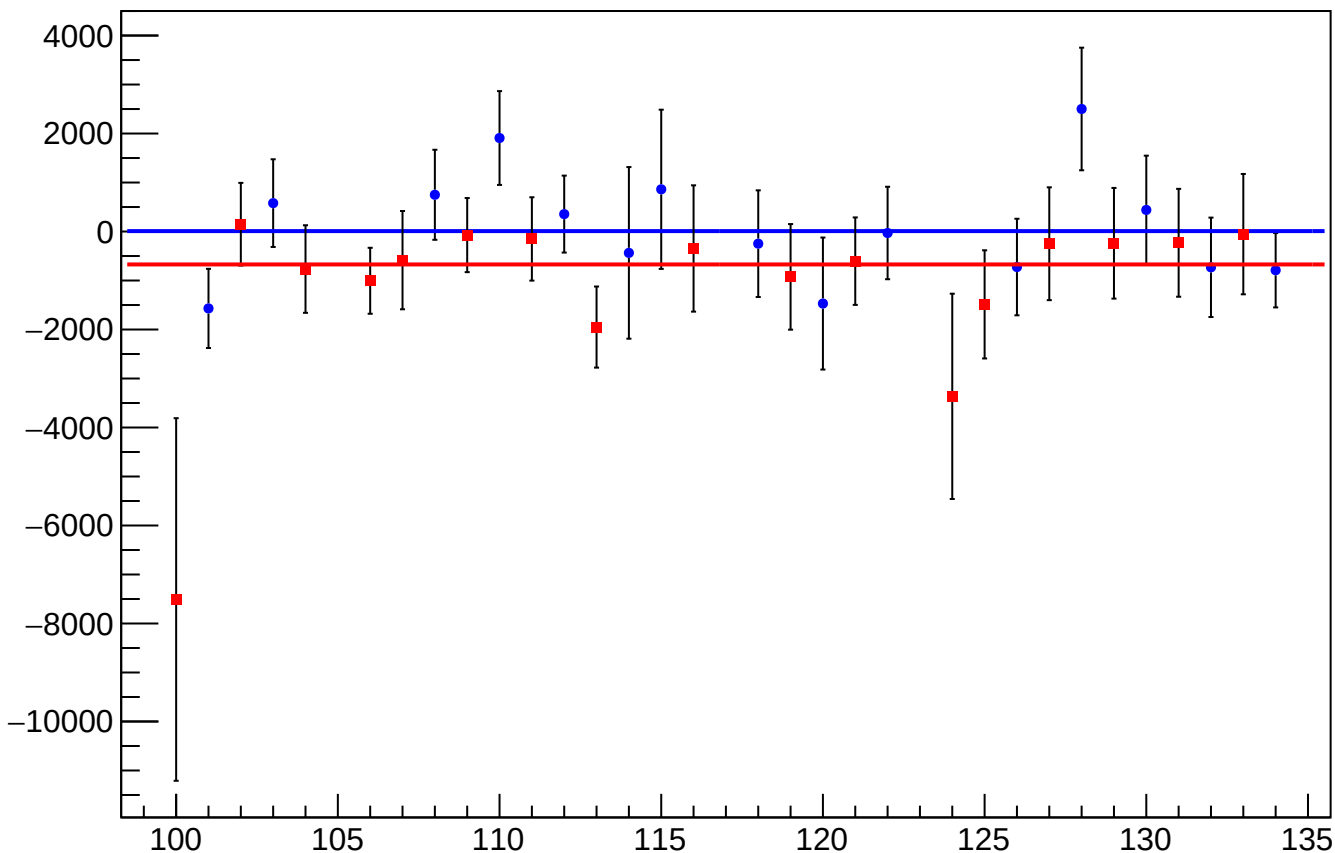
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.599+/-0.016 χ^2/NDF : 1864097.4/31

- sign 0.000+/-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: -671.895 $\pm$ 240.324 χ^2 /NDF: 11.0/16

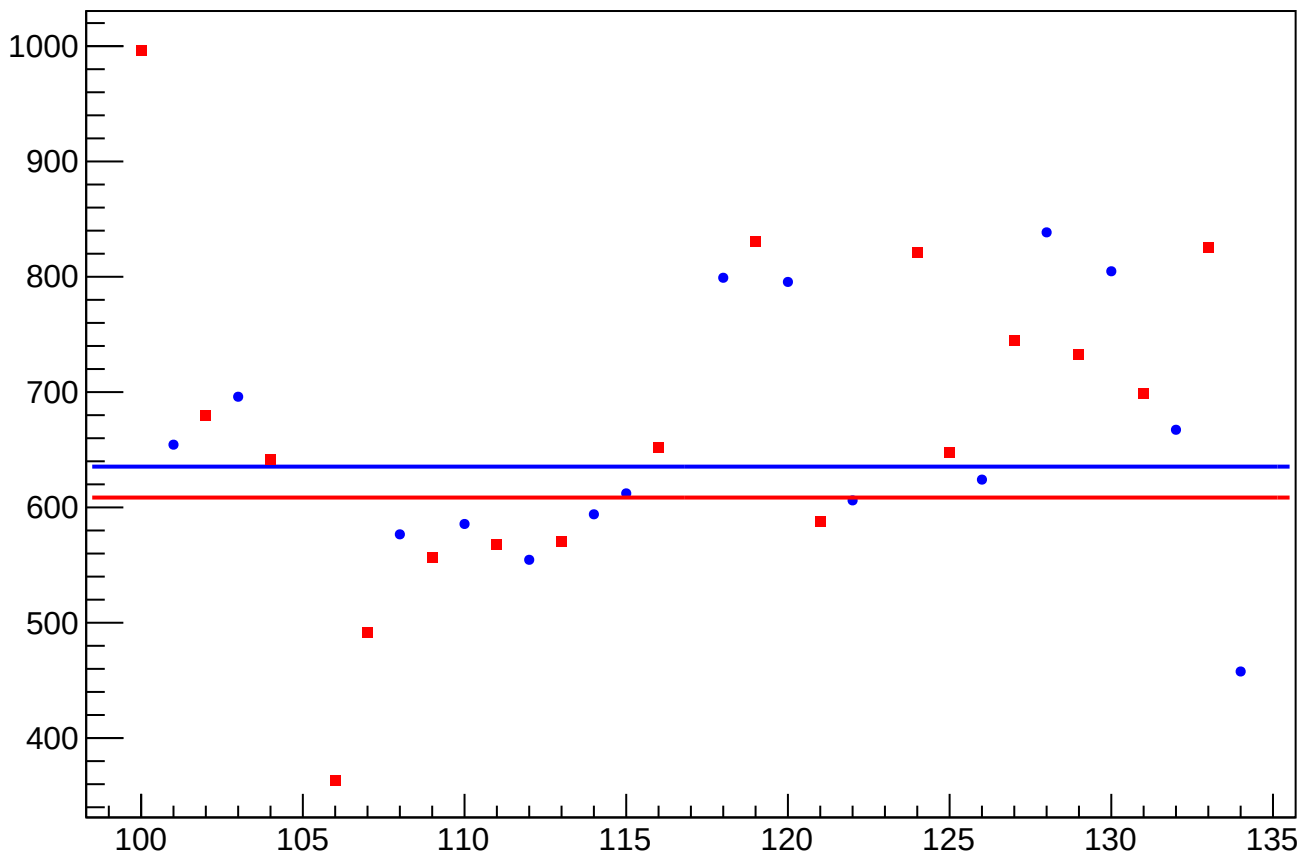
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -355.000 $\pm$ 175.660 χ^2 /NDF: 31.7/31

- 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: 608.554+/-0.170 χ^2/NDF : 589044.5/16

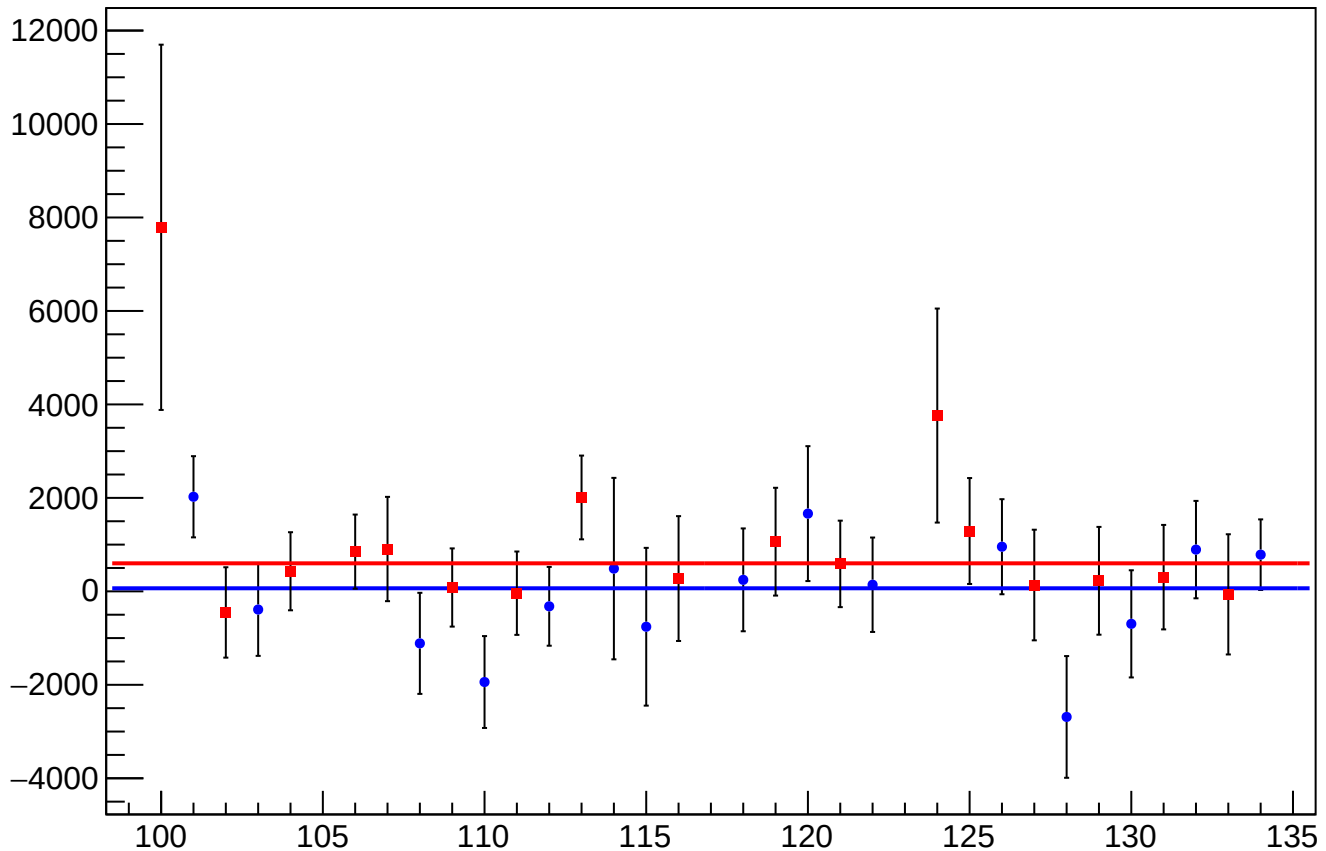
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 621.048+/-0.124 χ^2/NDF : 934005.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_mean vs Slug



Right In: 65.571+/-271.843 χ^2/NDF : 19.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 599.698+/-256.409 χ^2/NDF : 11.2/16

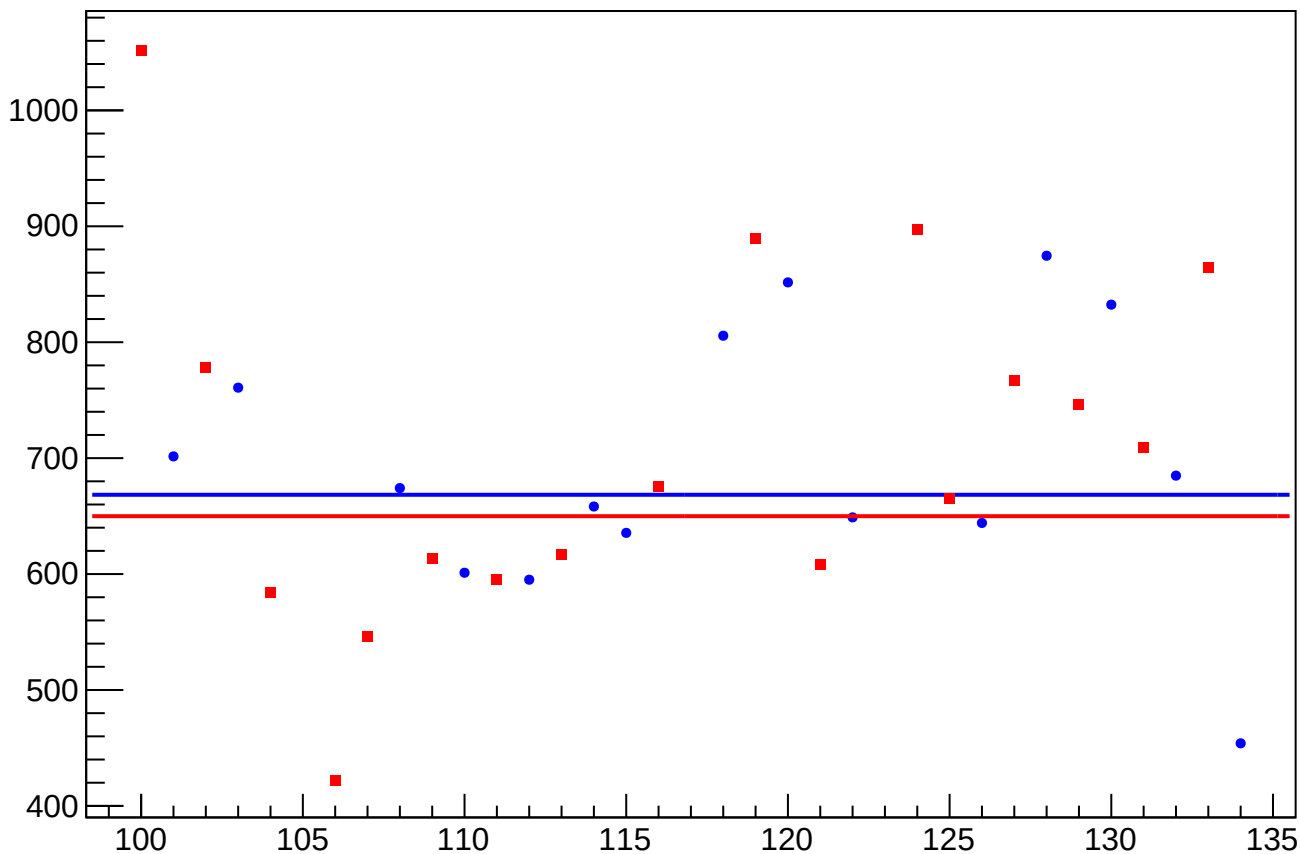
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 348.227+/-186.526 χ^2/NDF : 32.9/31

- sign 0.000+/-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: 649.933 $\pm$ 0.181 χ^2 /NDF: 473842.1/16

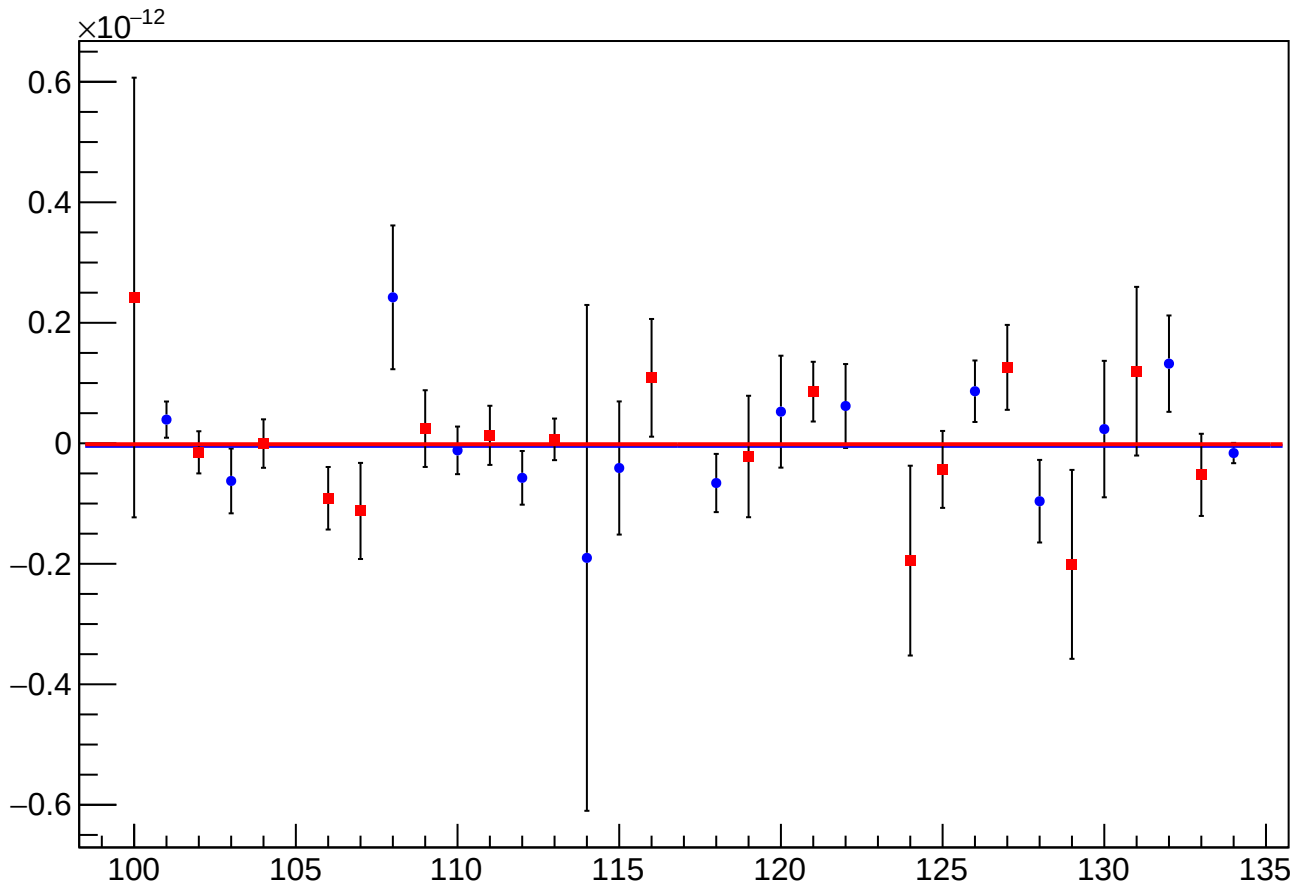
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 658.630 $\pm$ 0.132 χ^2 /NDF: 842345.7/31

- 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 : 18.4/16

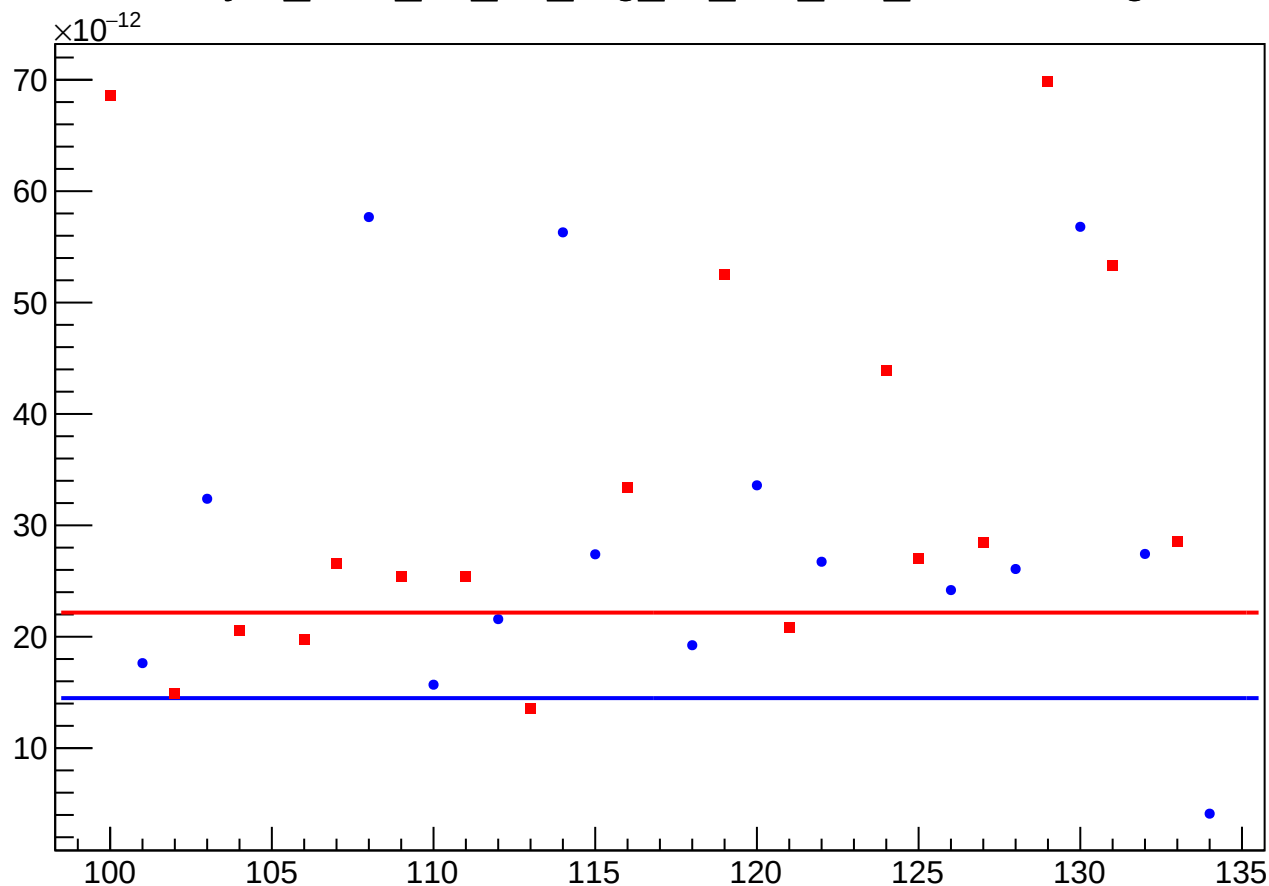
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 39.0/31

- 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+/-0.000 χ^2/NDF : 1991921.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 847548.1/16

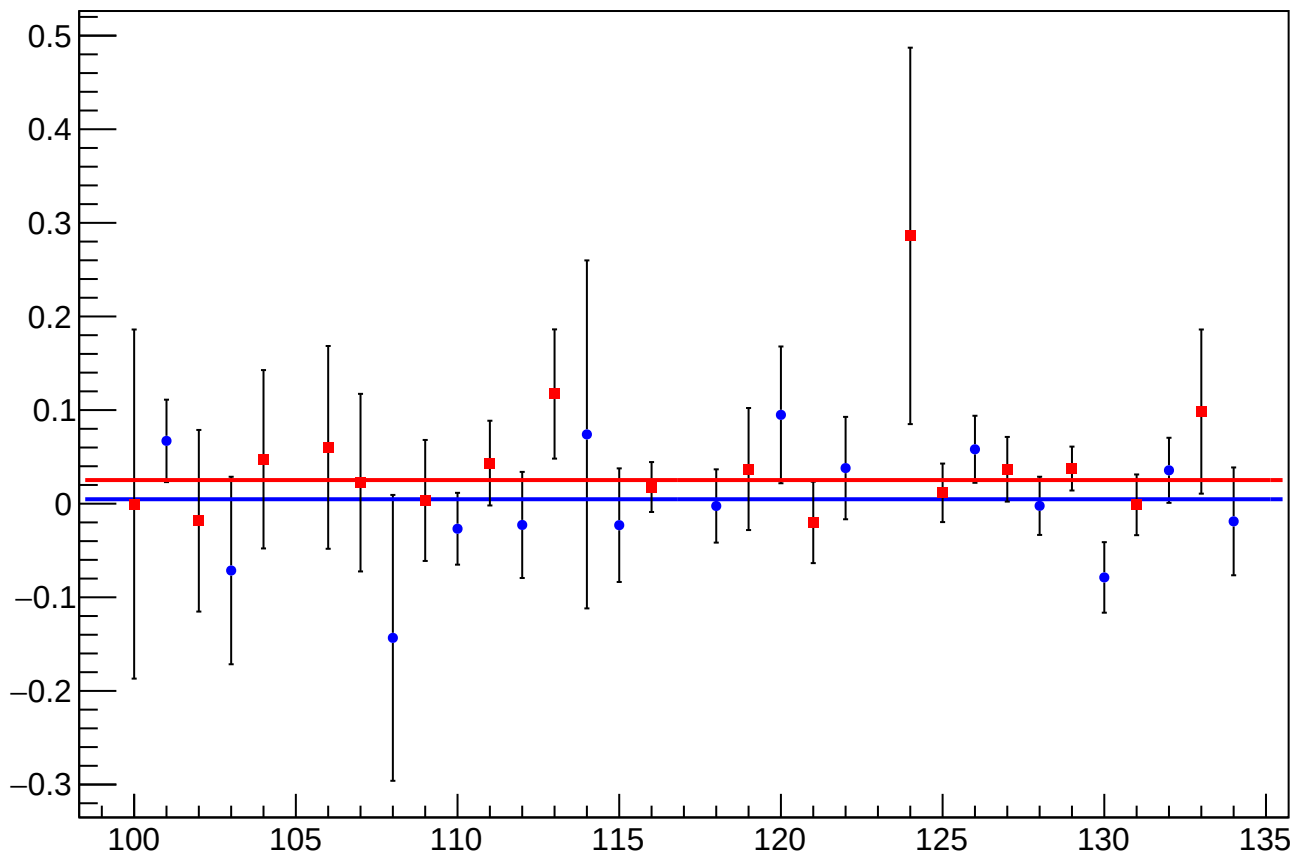
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3194412.1/31

- sign 0.000+/-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: 0.025 $\pm$ 0.011 χ^2 /NDF: 7.2/16

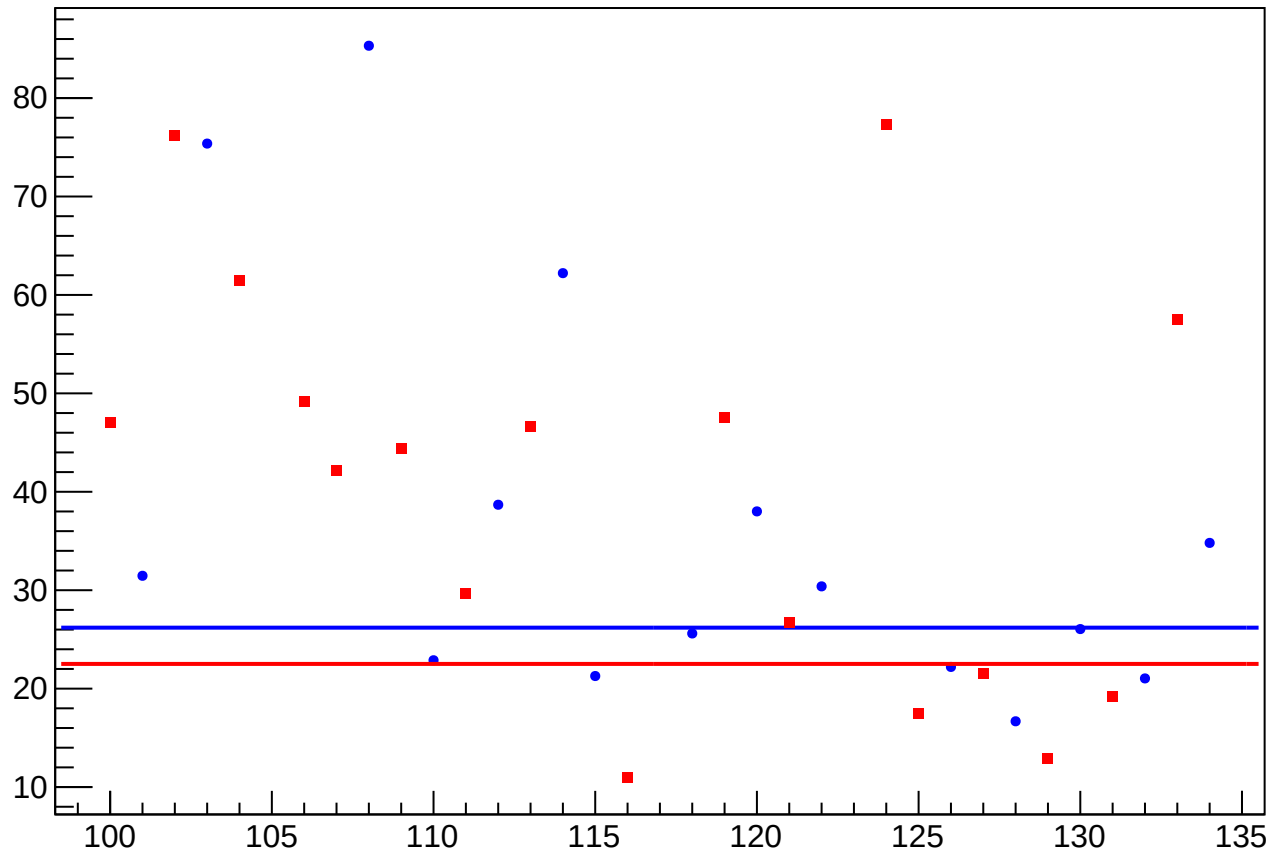
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.016 $\pm$ 0.008 χ^2 /NDF: 23.7/31

- 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+/-0.009 χ^2/NDF : 1376661.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.511+/-0.008 χ^2/NDF : 3282202.4/16

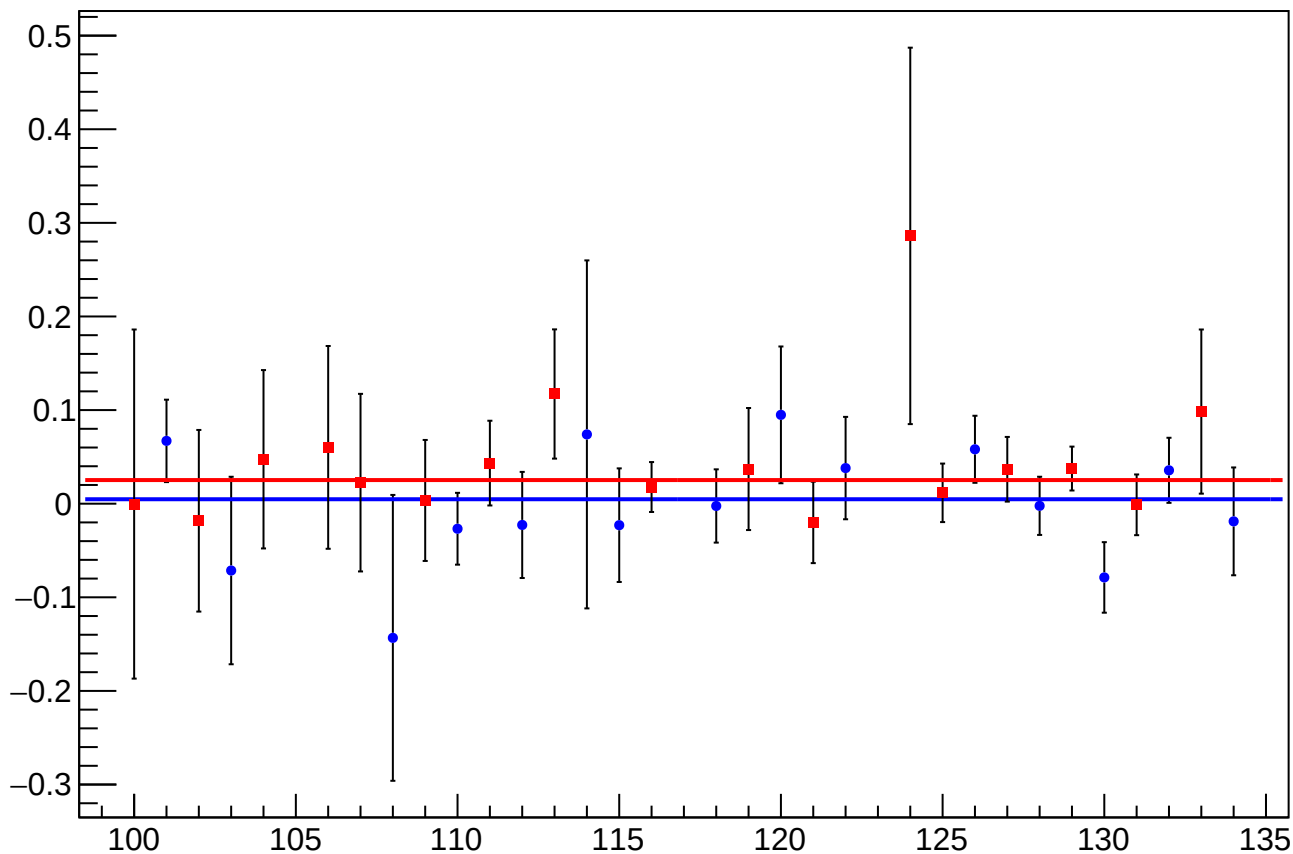
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.163+/-0.006 χ^2/NDF : 4760326.1/31

- sign 0.000+/-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: 0.025 $\pm$ 0.011 χ^2 /NDF: 7.2/16

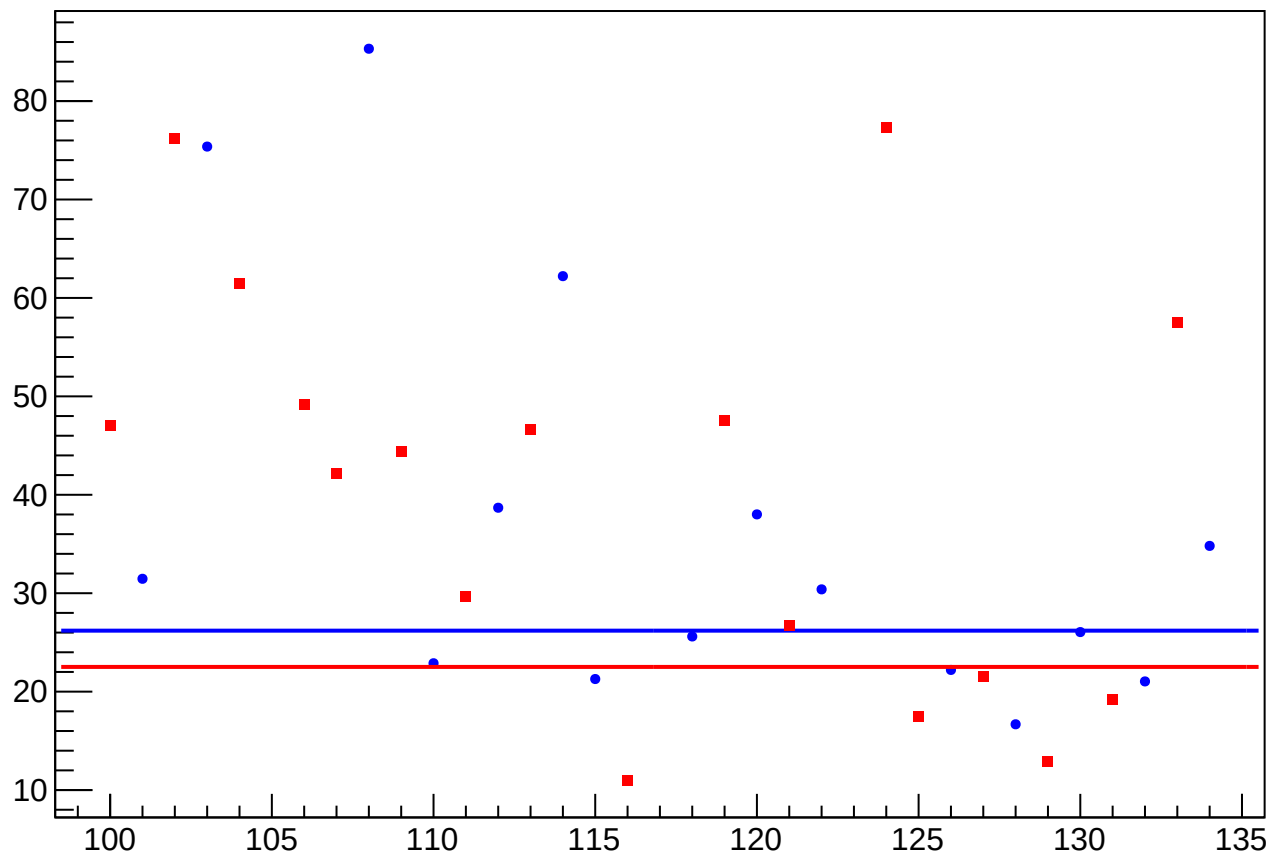
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.016 $\pm$ 0.008 χ^2 /NDF: 23.7/31

- 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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

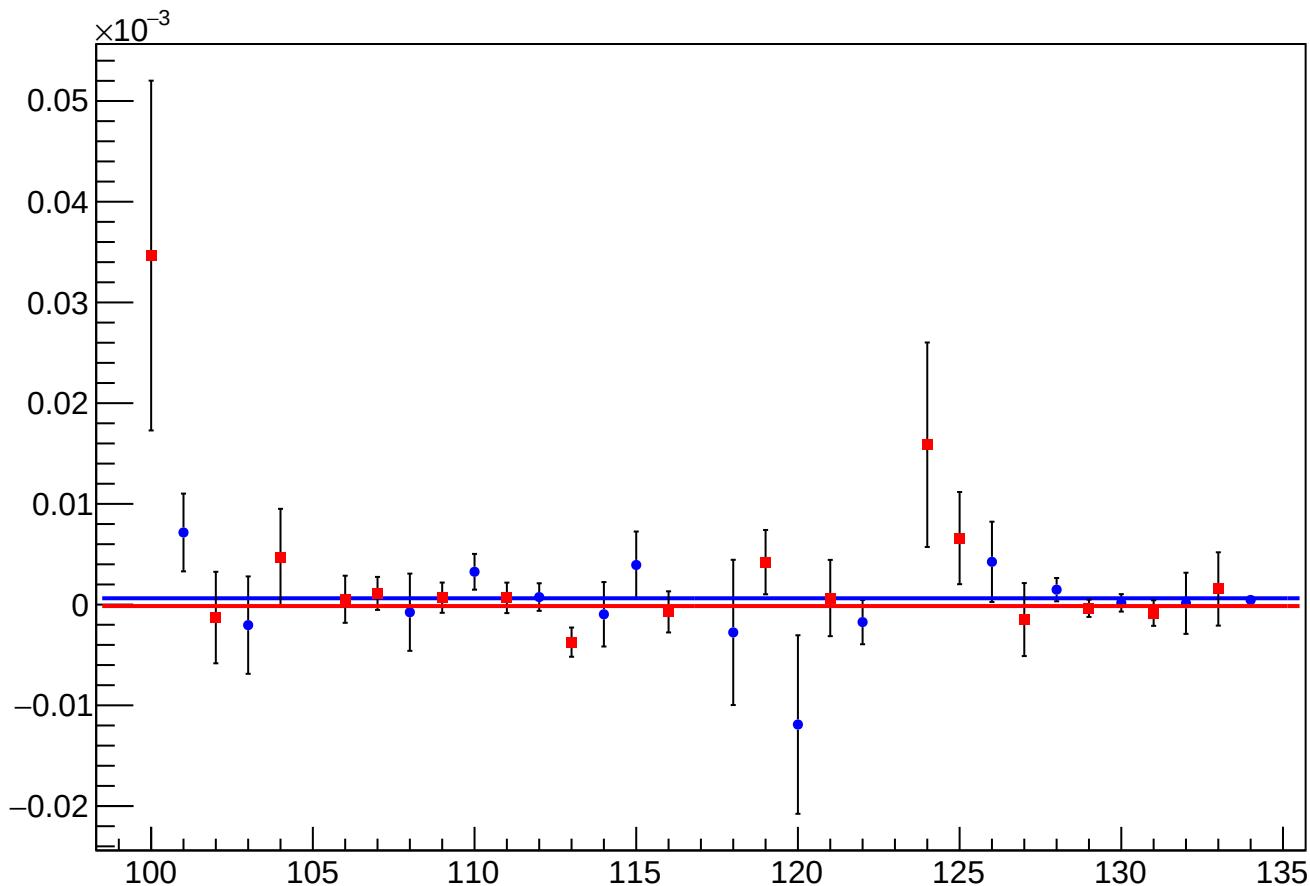
Right Out: 22.511 $\pm$ 0.008 χ^2 /NDF: 3282202.4/16

All: 24.163 $\pm$ 0.006 χ^2 /NDF: 4760326.1/31

- 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_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: 19.8/16

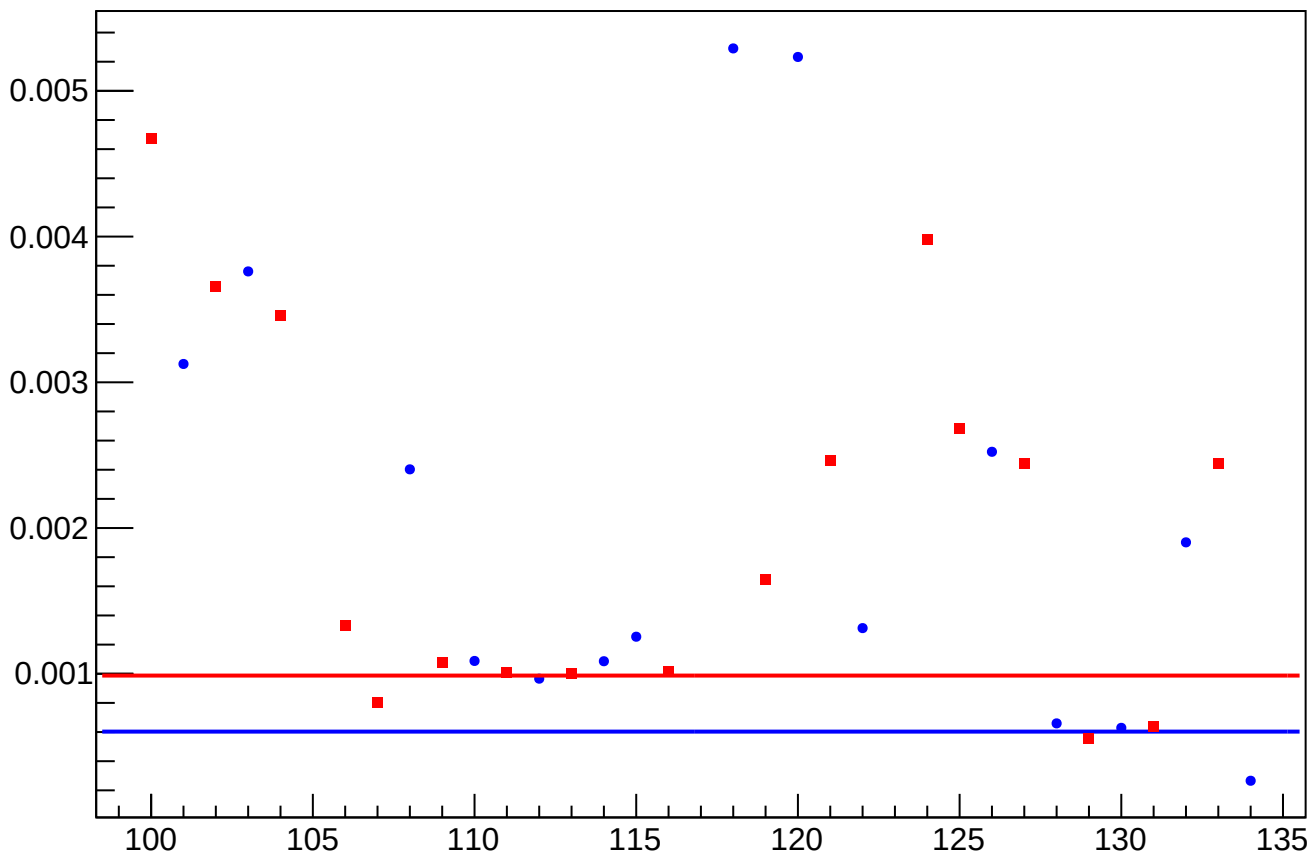
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 33.5/31

- 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 : 3523310.8/16

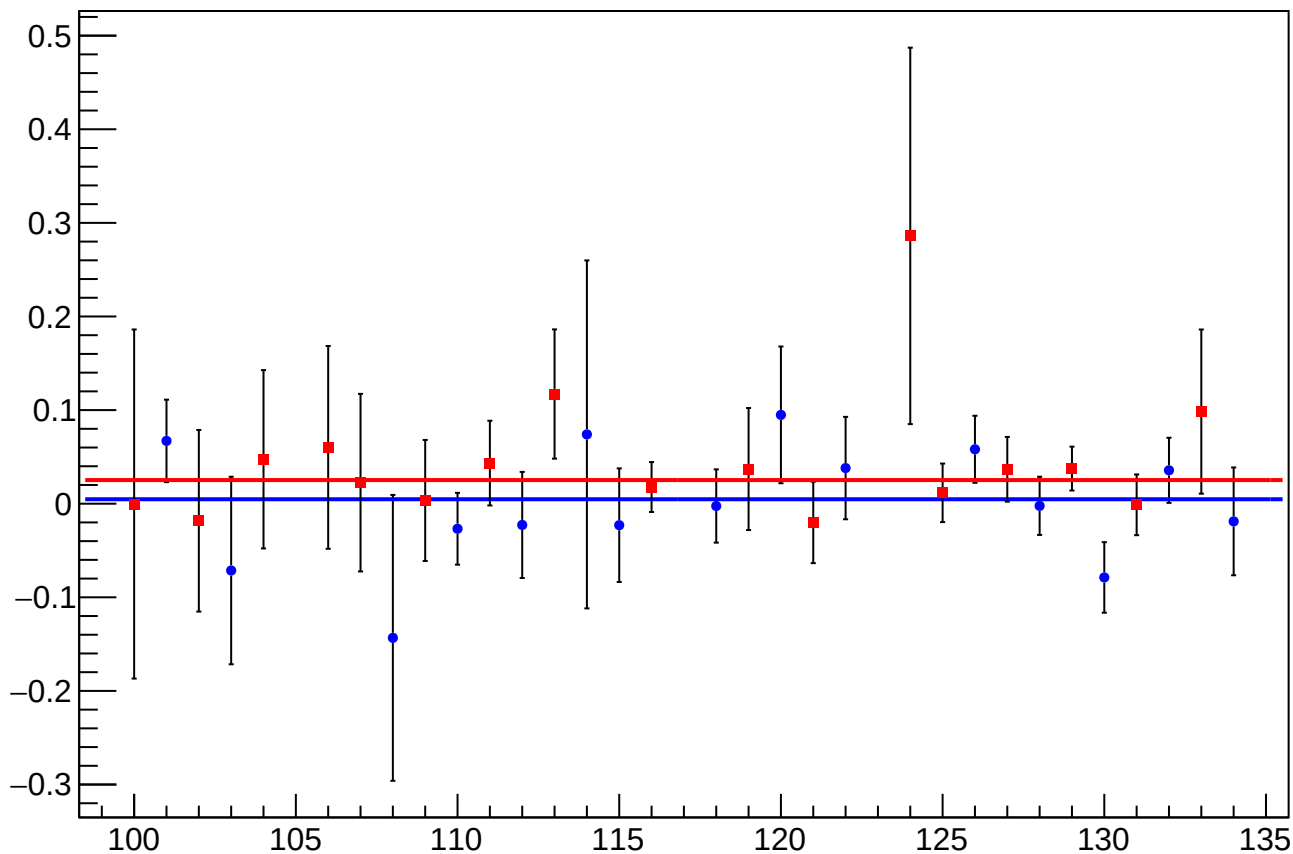
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 10415561.6/31

- 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: 0.025 $\pm$ 0.011 χ^2 /NDF: 7.2/16

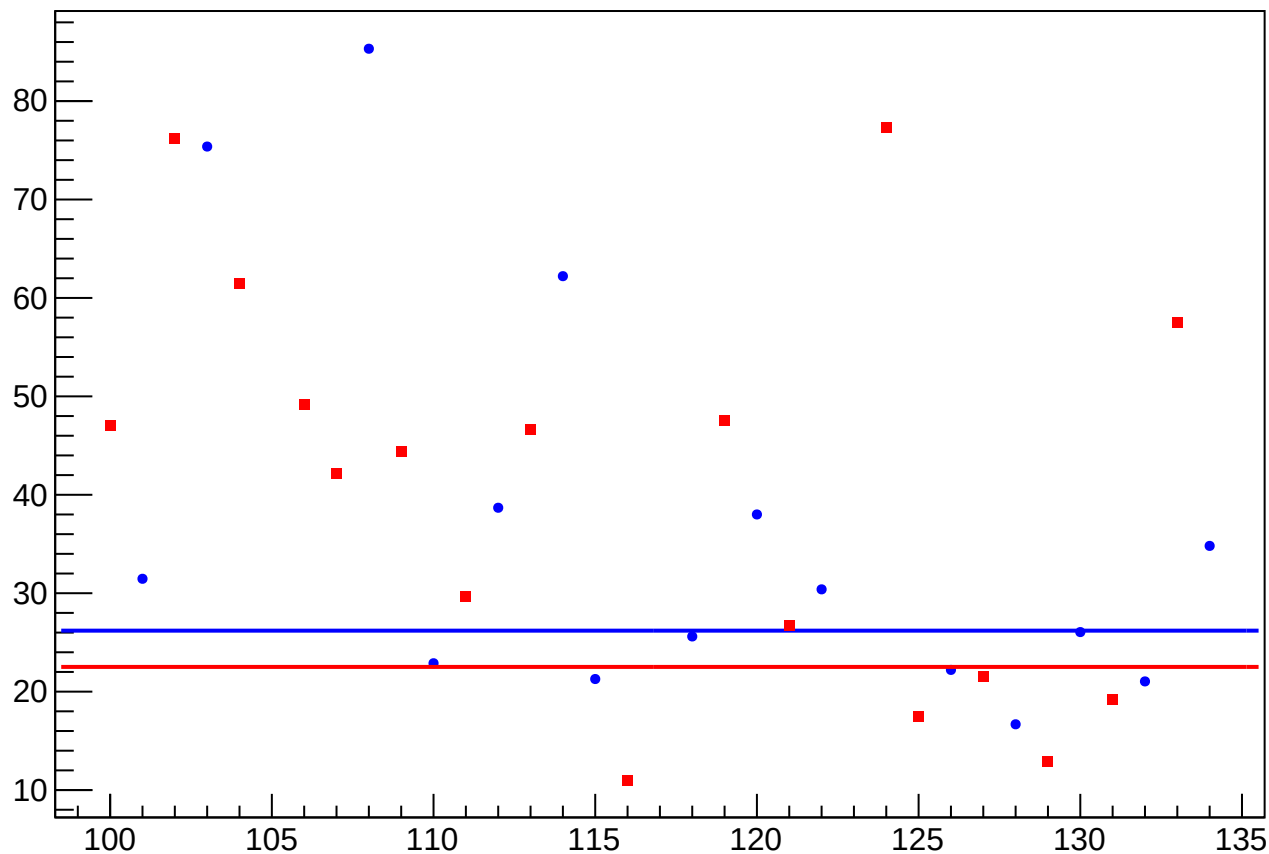
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.016 $\pm$ 0.008 χ^2 /NDF: 23.7/31

- 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: 22.512 $\pm$ 0.008 χ^2 /NDF: 3282061.4/16

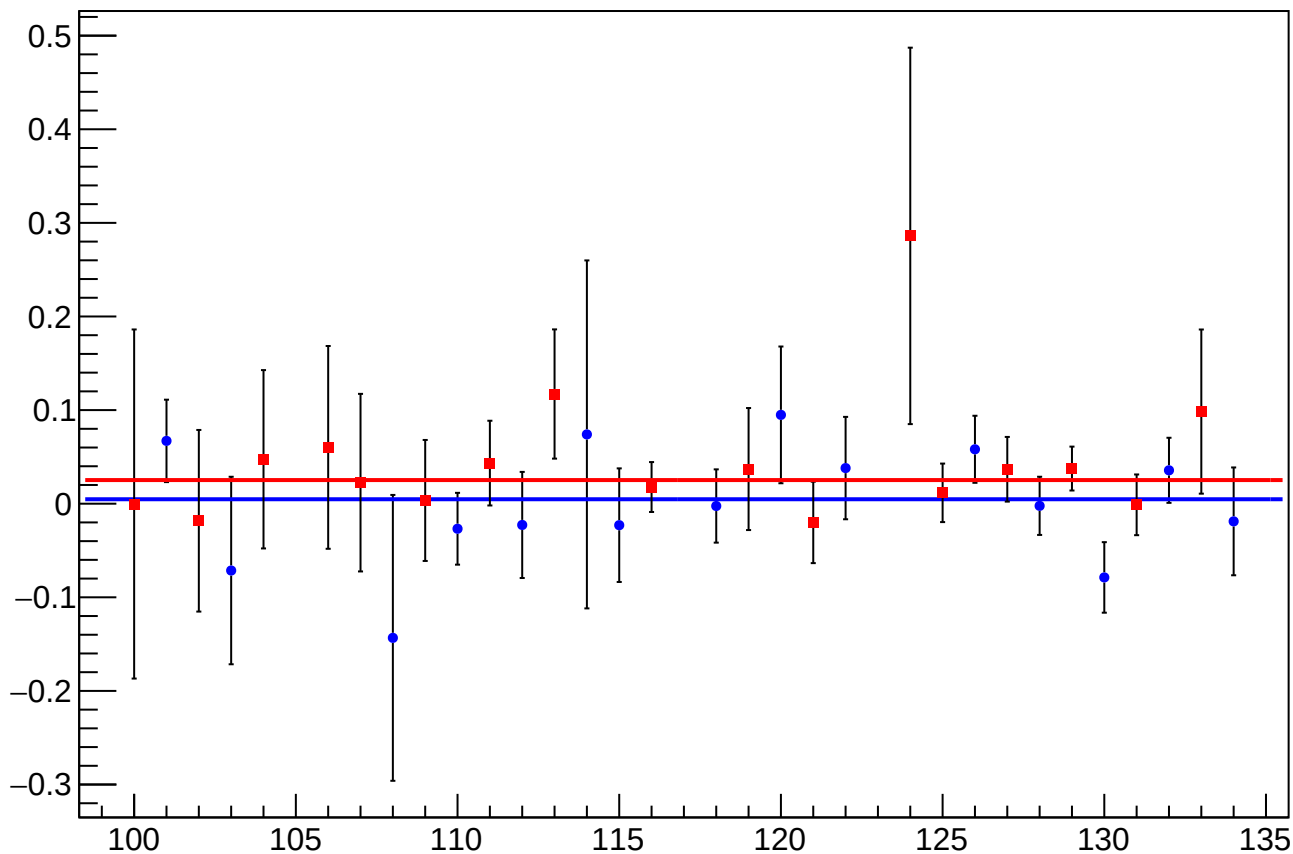
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.164 $\pm$ 0.006 χ^2 /NDF: 4760125.7/31

- 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: 0.025 $\pm$ 0.011 χ^2 /NDF: 7.2/16

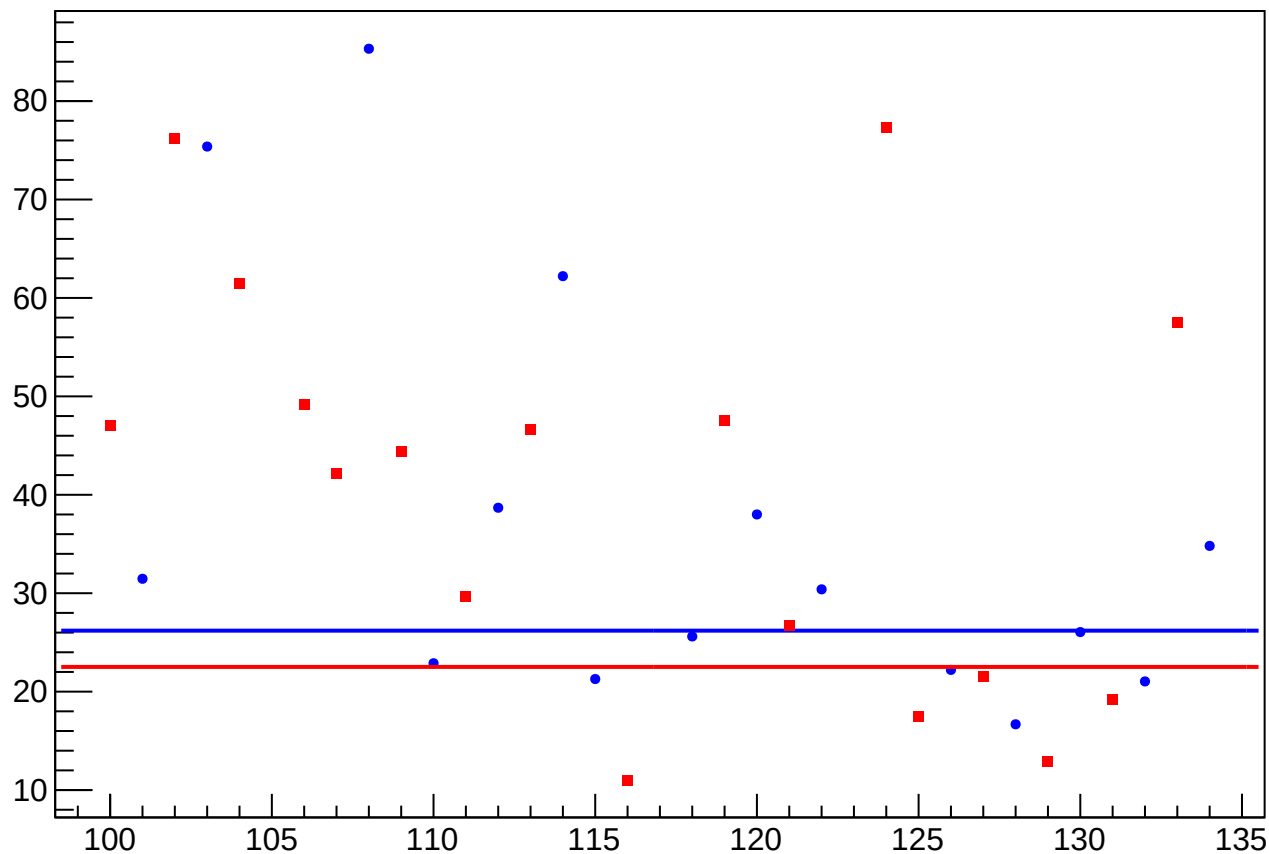
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.016 $\pm$ 0.008 χ^2 /NDF: 23.7/31

- 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: 22.512 $\pm$ 0.008 χ^2 /NDF: 3282061.4/16

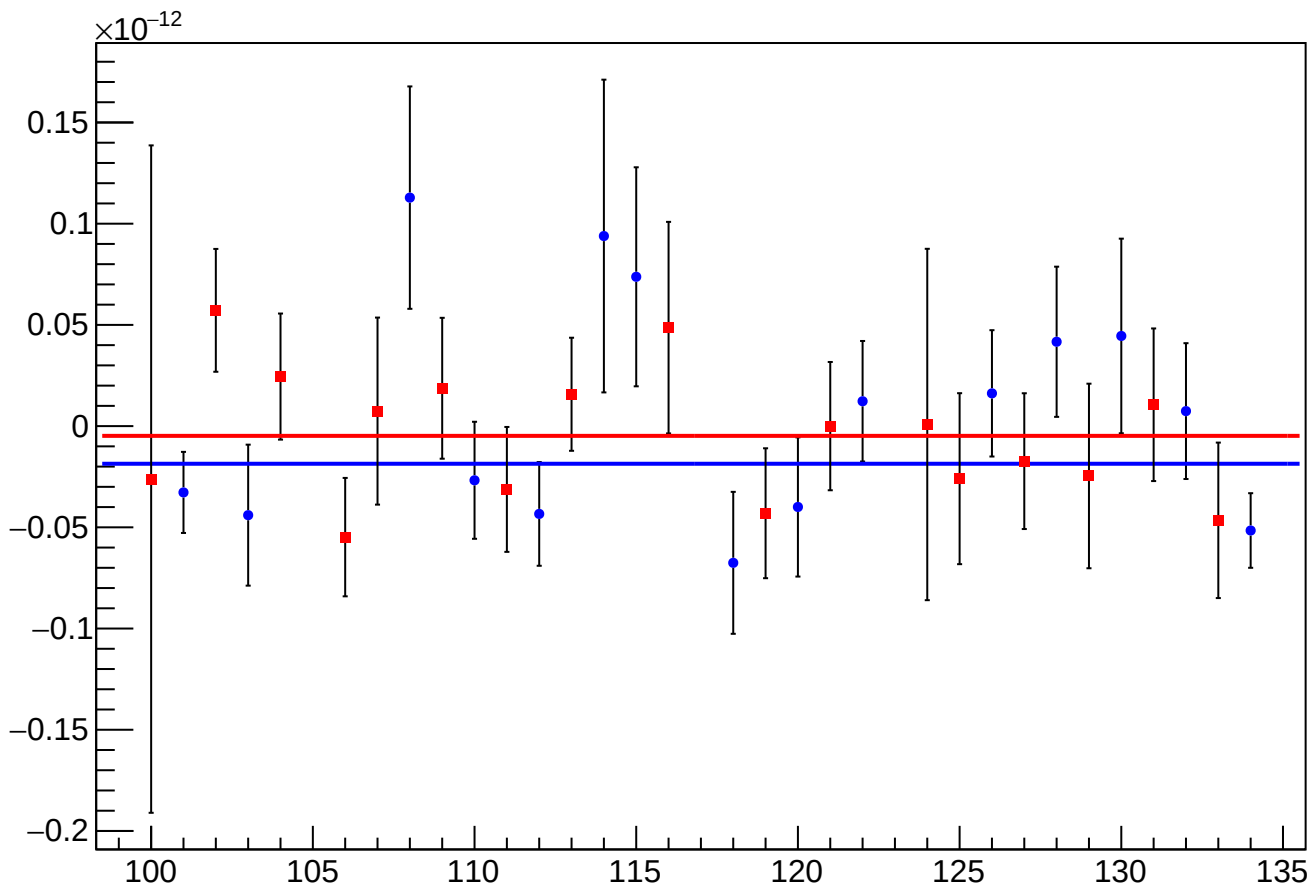
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.164 $\pm$ 0.006 χ^2 /NDF: 4760125.7/31

- 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+/-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 : 14.2/16

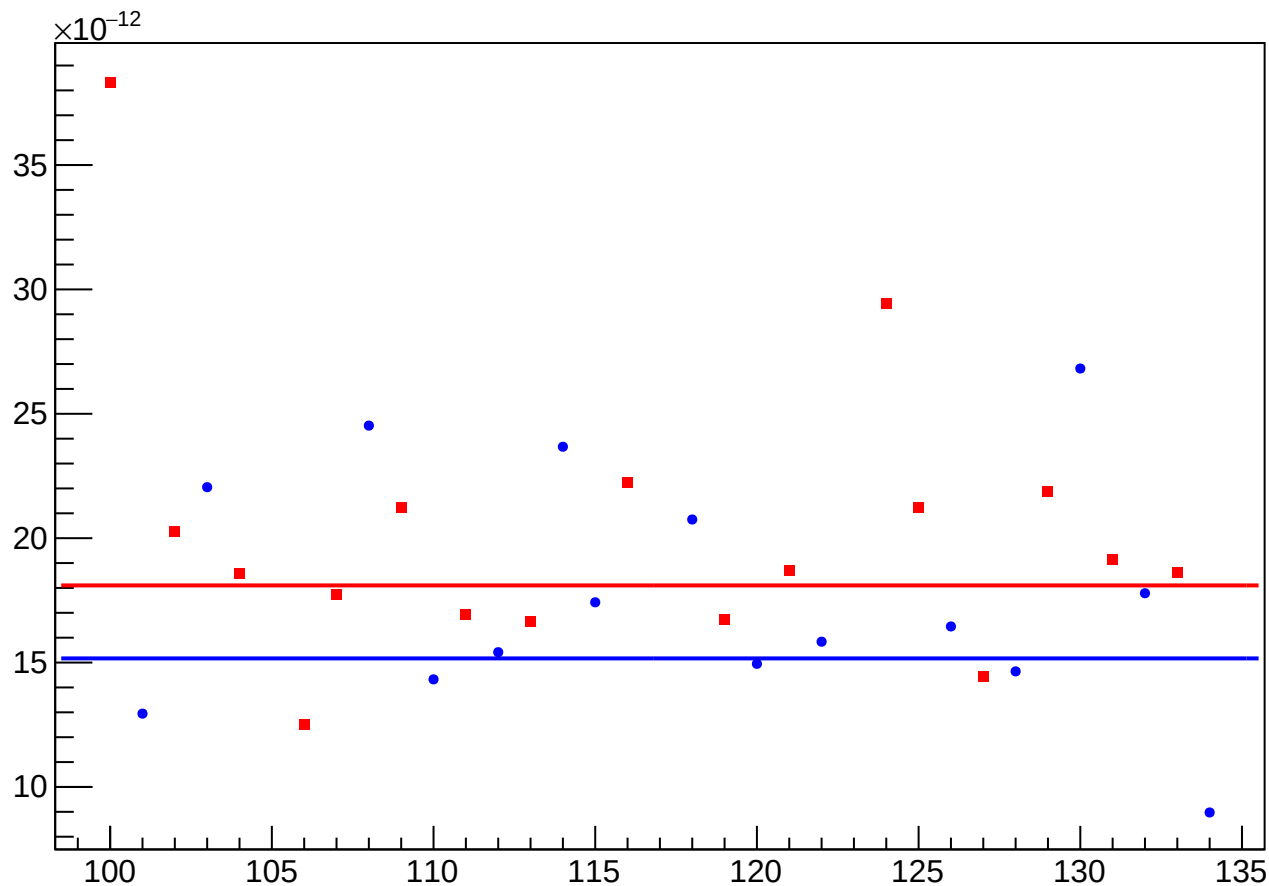
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 41.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 601625.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 240195.2/16

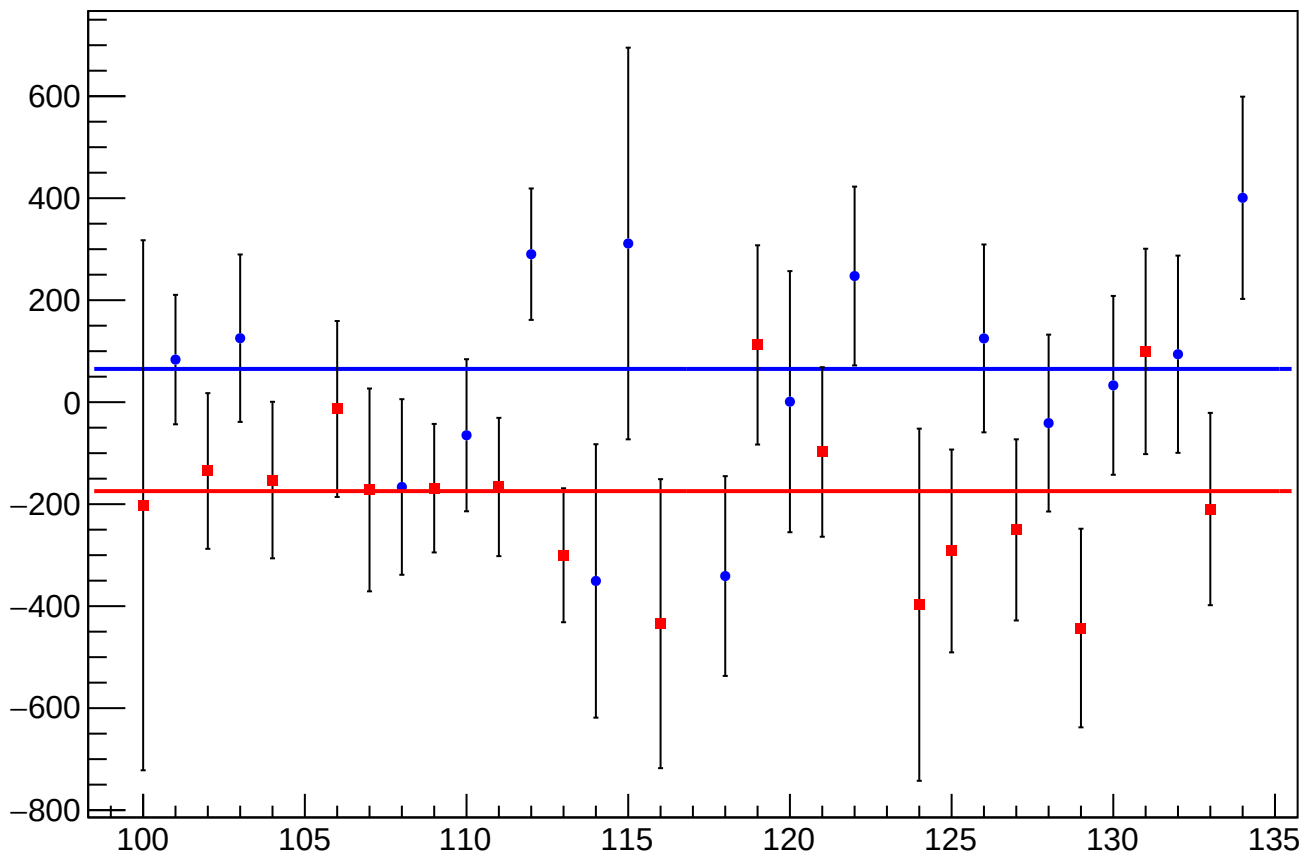
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 962807.8/31

- sign 0.000+/-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: -174.422+/-42.927 χ^2/NDF : 9.8/16

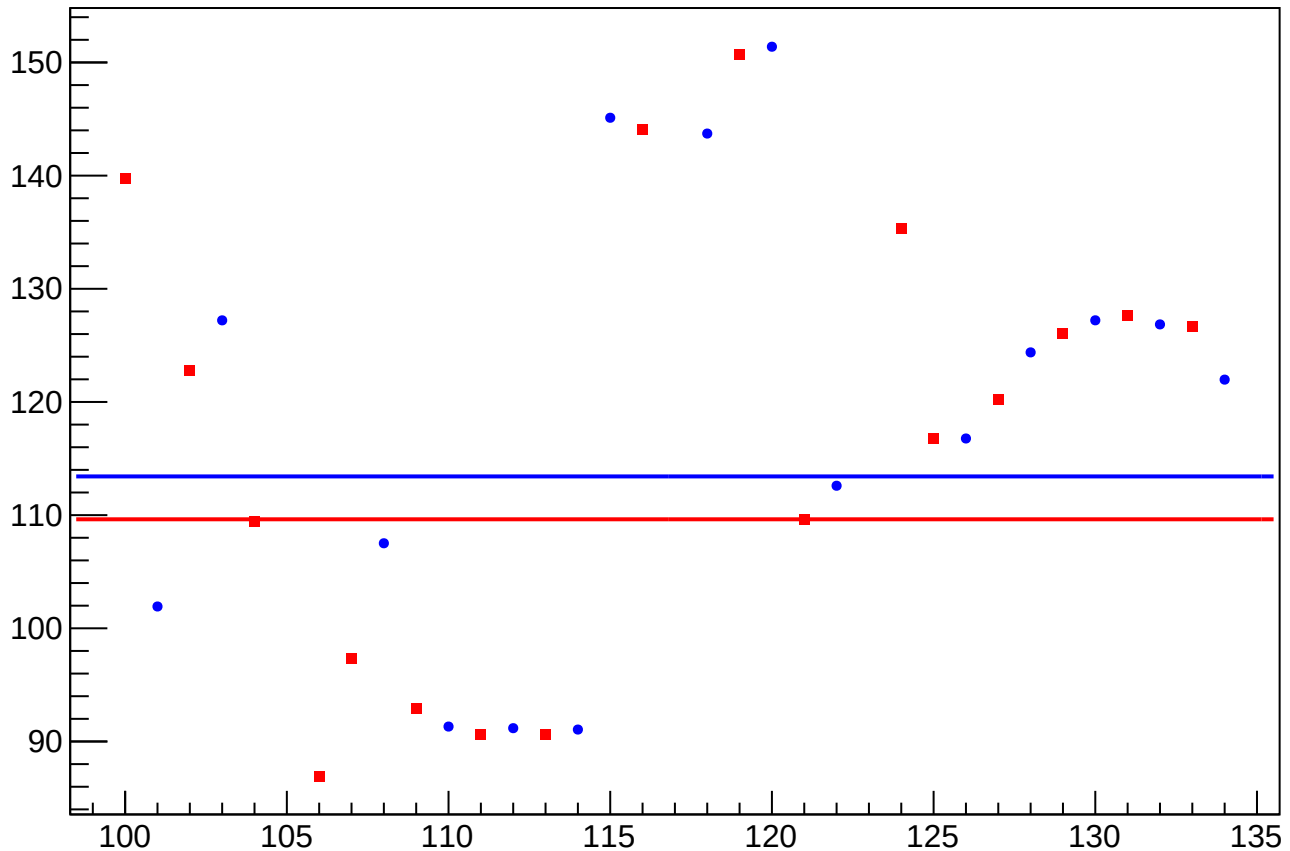
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -61.950+/-31.270 χ^2/NDF : 41.9/31

- 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: 109.633 ± 0.030 χ^2/NDF : 365758.4/16

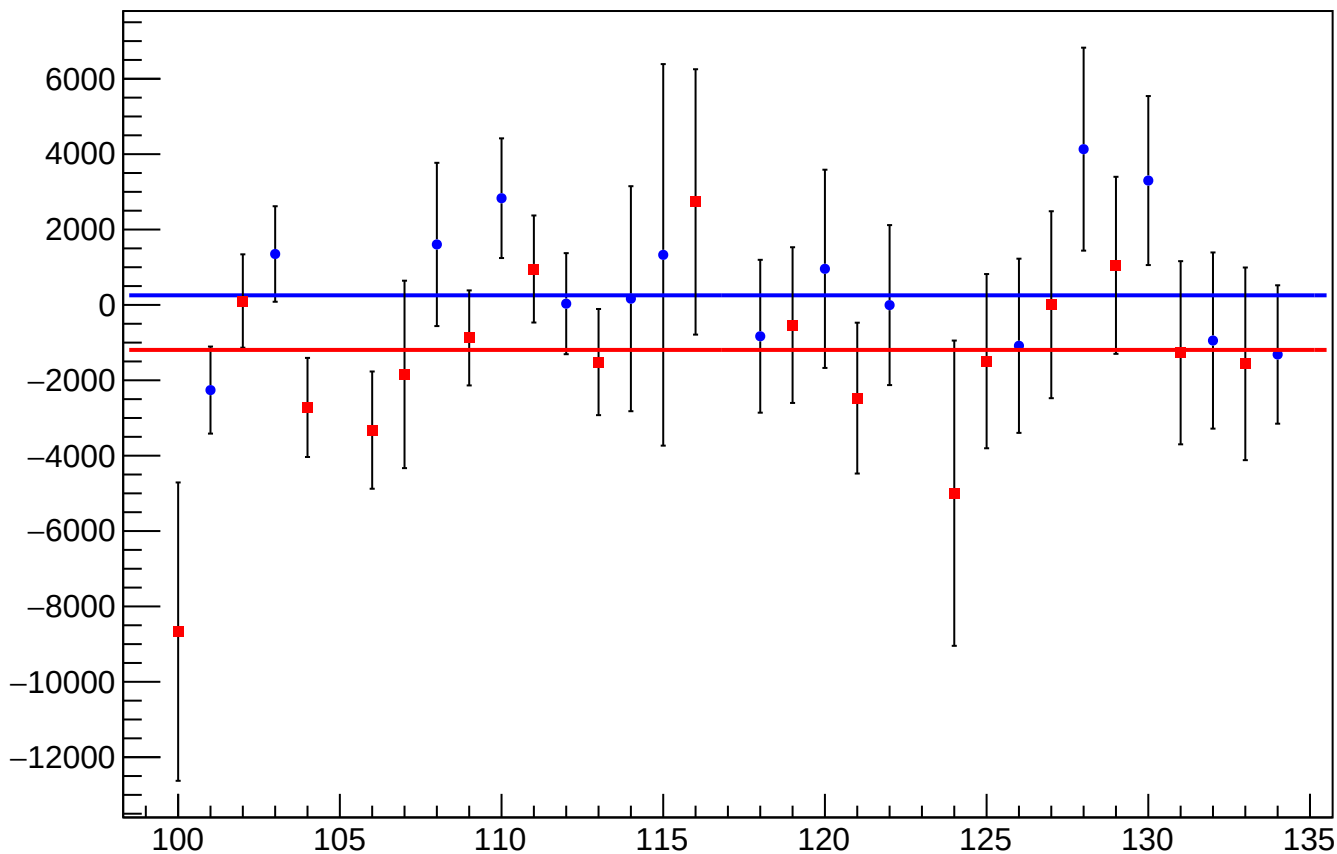
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 111.411 ± 0.022 χ^2/NDF : 663302.7/31

- 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: -1194.017 $\pm$ 448.243 χ^2 /NDF: 14.2/16

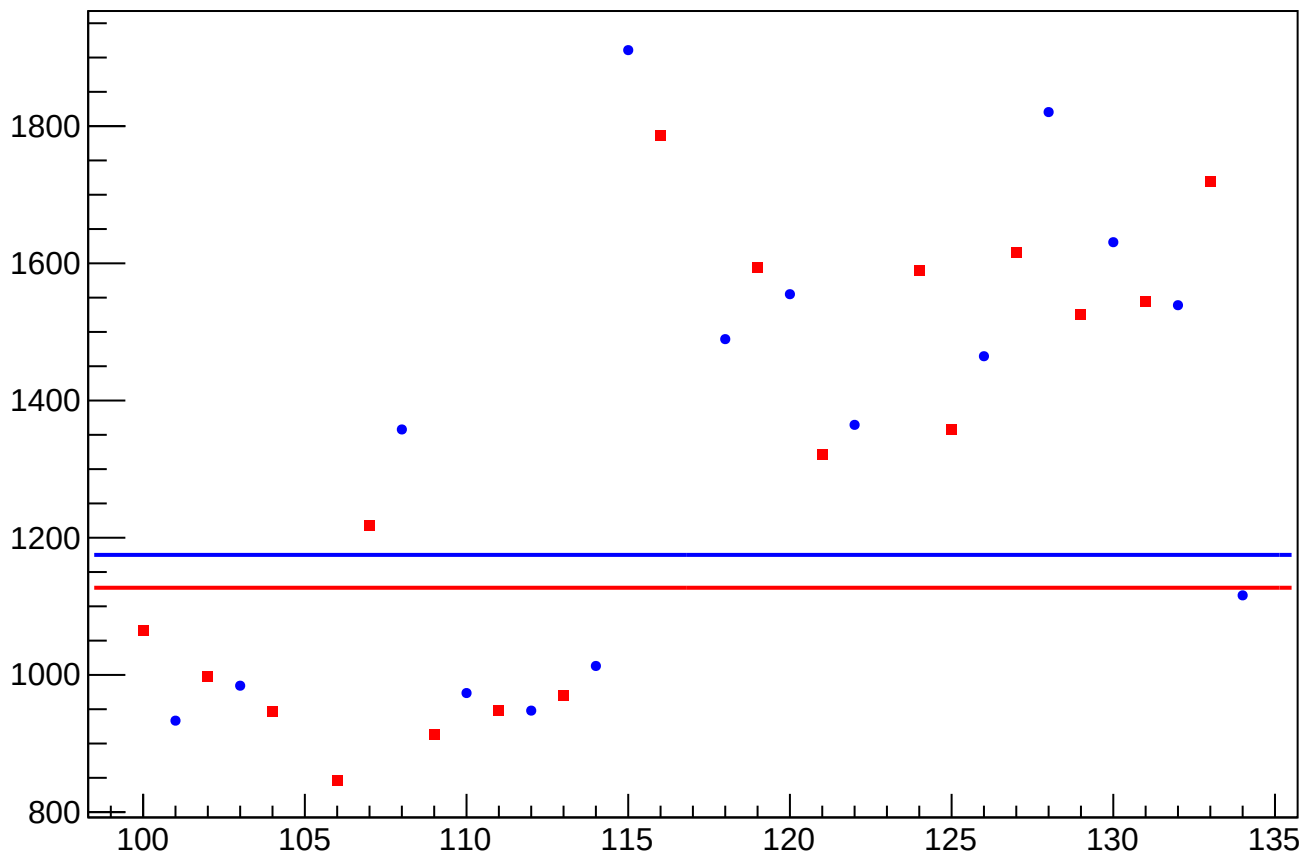
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -522.237 $\pm$ 328.256 χ^2 /NDF: 33.2/31

- 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

Right Out: 1127.083+/-0.317 χ^2/NDF : 779541.7/16

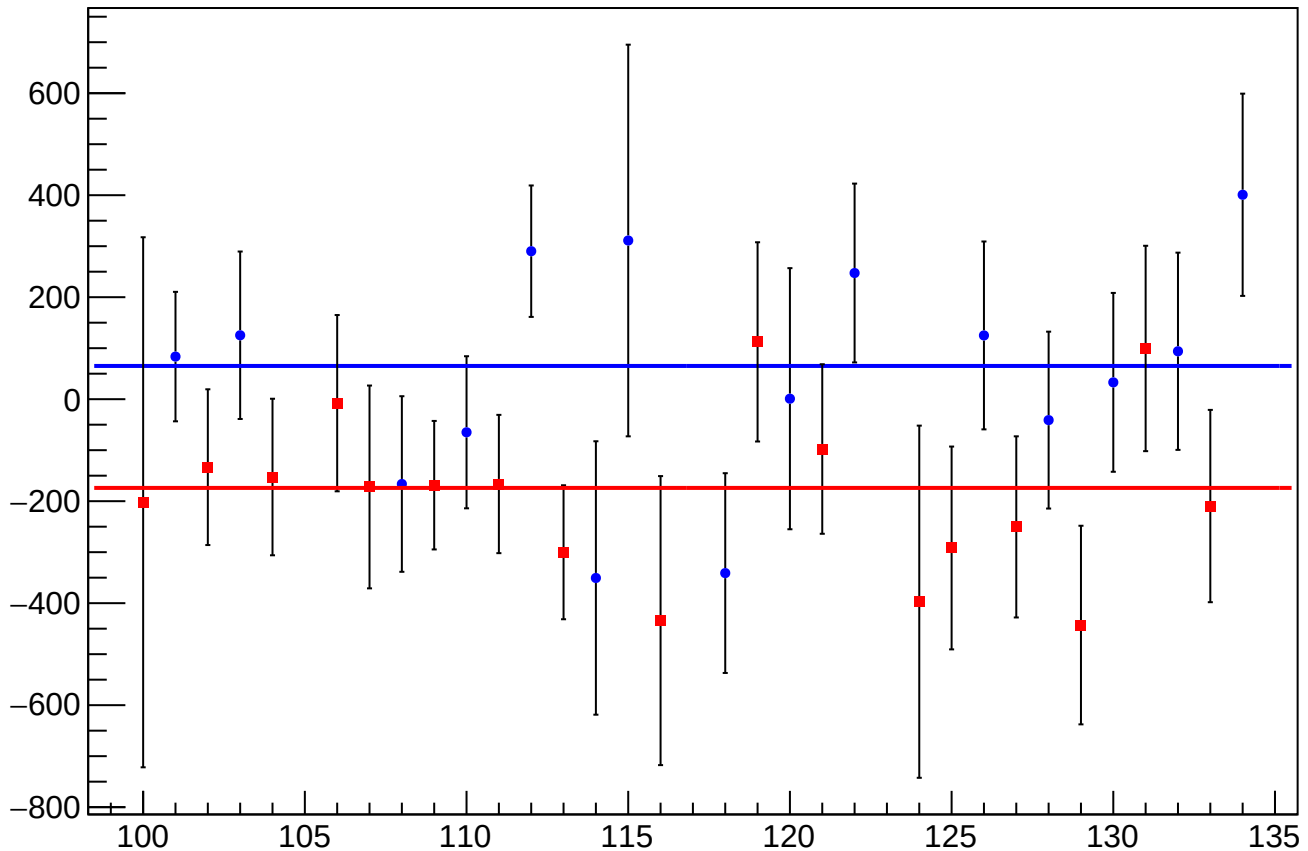
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1149.295+/-0.232 χ^2/NDF : 1460347.8/31

- sign 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: -173.983 $\pm$ 42.933 χ^2 /NDF: 9.9/16

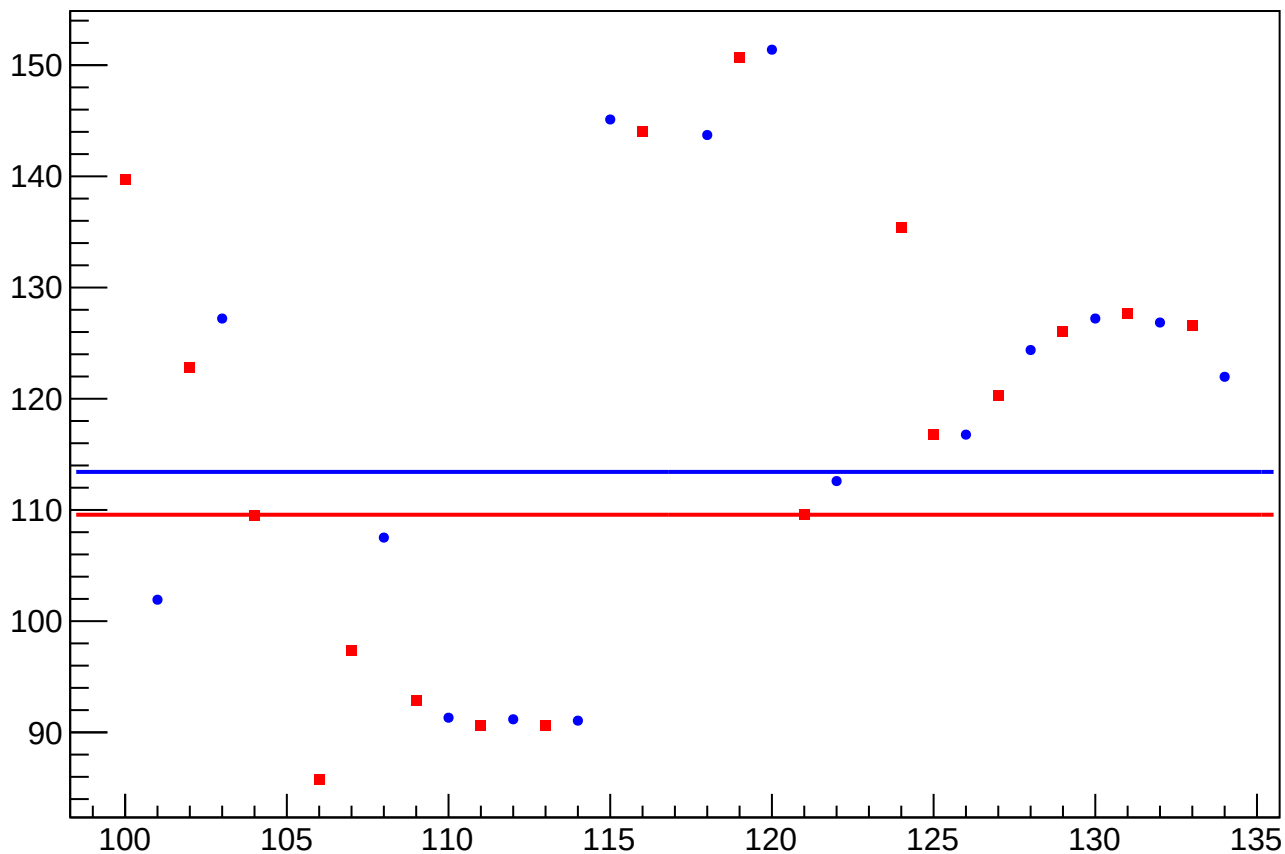
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -61.708 $\pm$ 31.272 χ^2 /NDF: 41.9/31

- 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

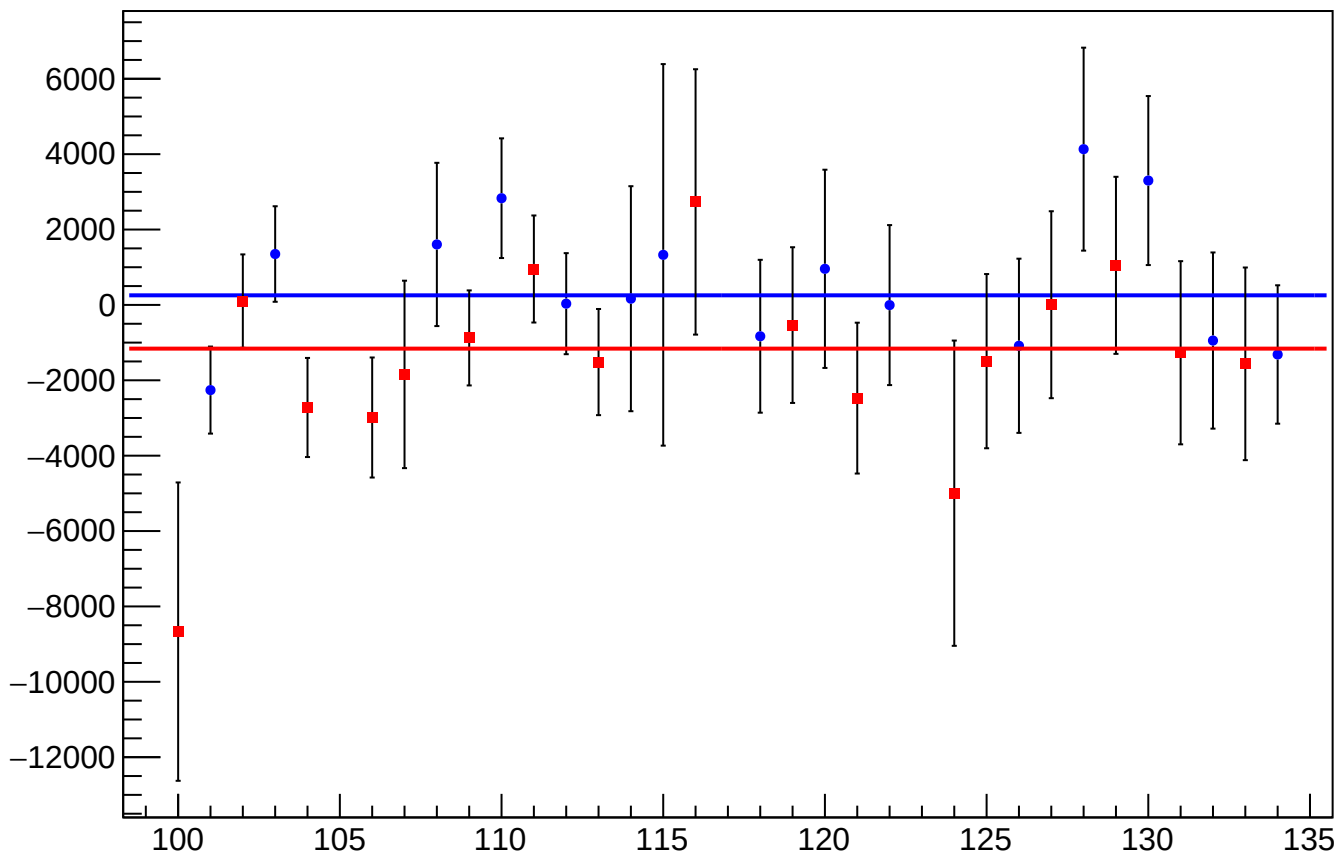
Right Out: 109.570 ± 0.030 χ^2/NDF : 369289.4/16

All: 111.378 ± 0.022 χ^2/NDF : 667076.7/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_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: -1159.784 $\pm$ 449.118 χ^2 /NDF: 13.6/16

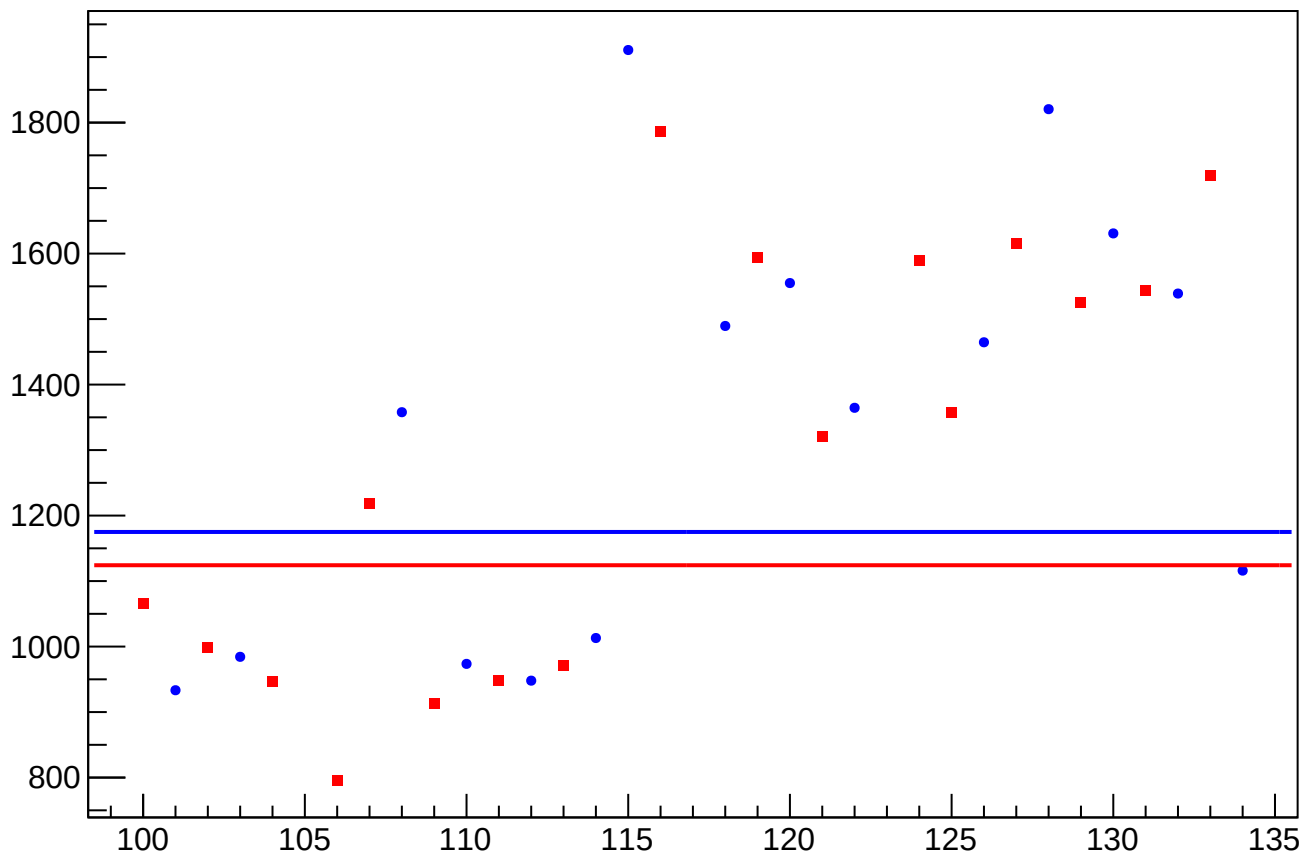
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -502.559 $\pm$ 328.601 χ^2 /NDF: 32.4/31

- 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: 1124.188+/-0.318 χ^2 /NDF: 800722.4/16

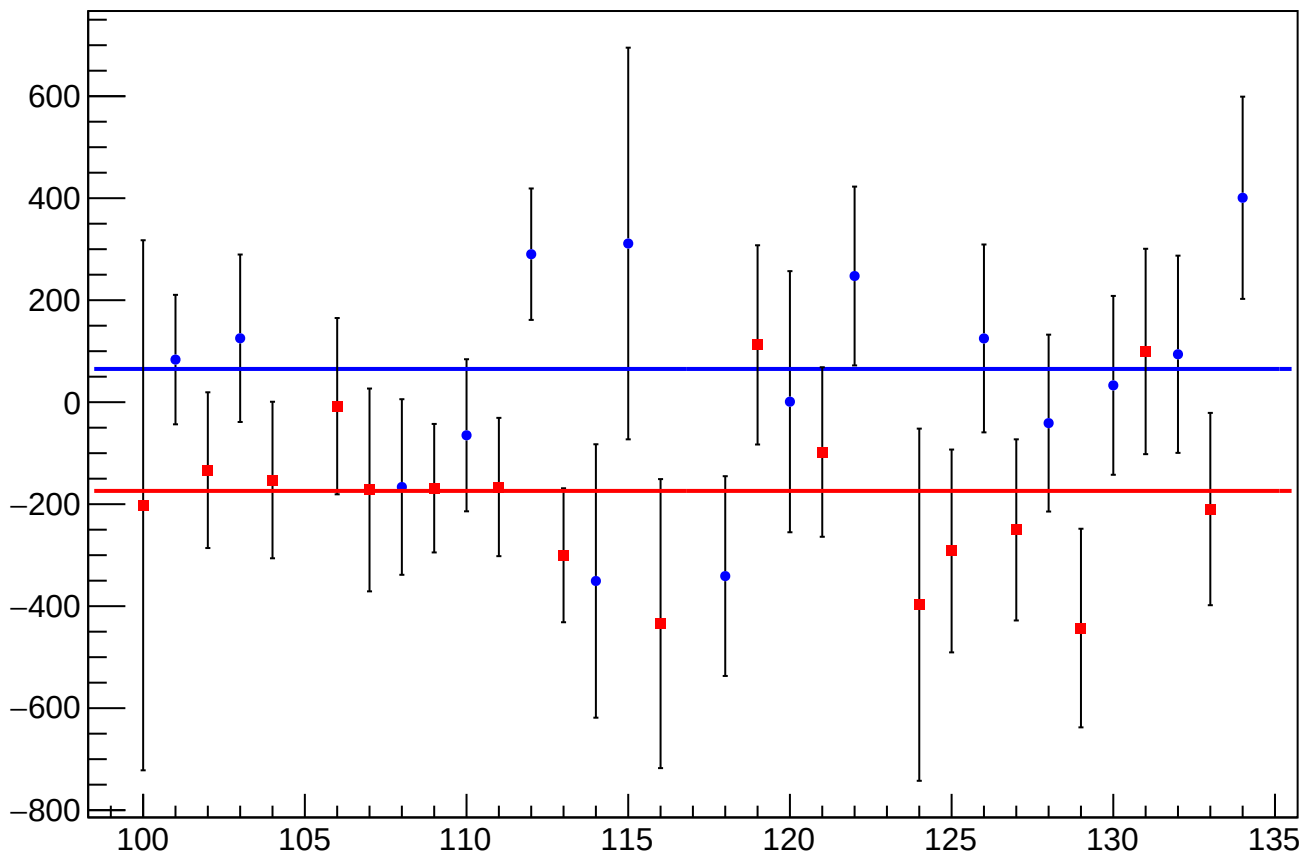
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1147.797+/-0.232 χ^2 /NDF: 1482797.1/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_48_dd_mean vs Slug



Right In: 65.181+/-45.642 χ^2/NDF : 17.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -173.983+/-42.933 χ^2/NDF : 9.9/16

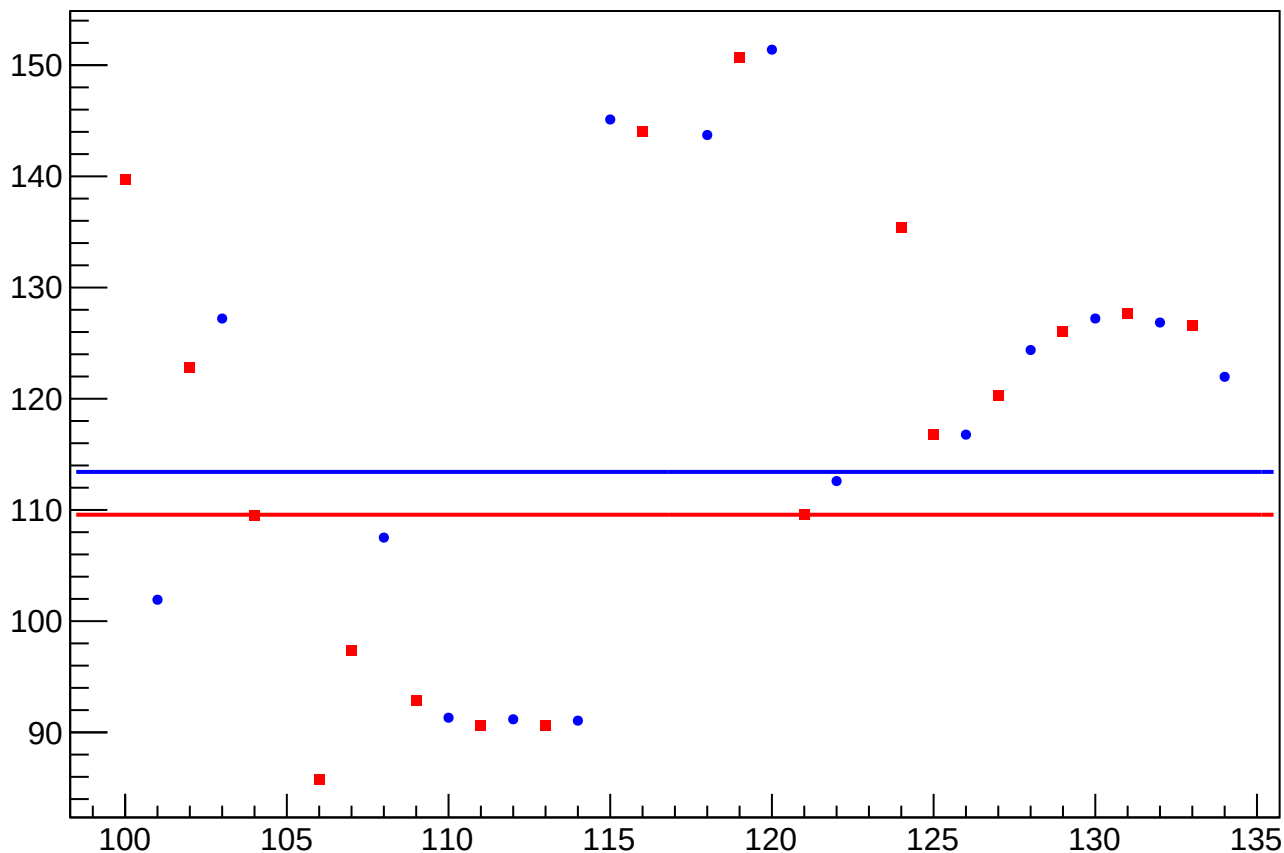
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -61.708+/-31.272 χ^2/NDF : 41.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_48_dd_rms vs Slug



Right In: 113.422 $\pm$ 0.032 χ^2 /NDF: 290231.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 109.570 $\pm$ 0.030 χ^2 /NDF: 369289.4/16

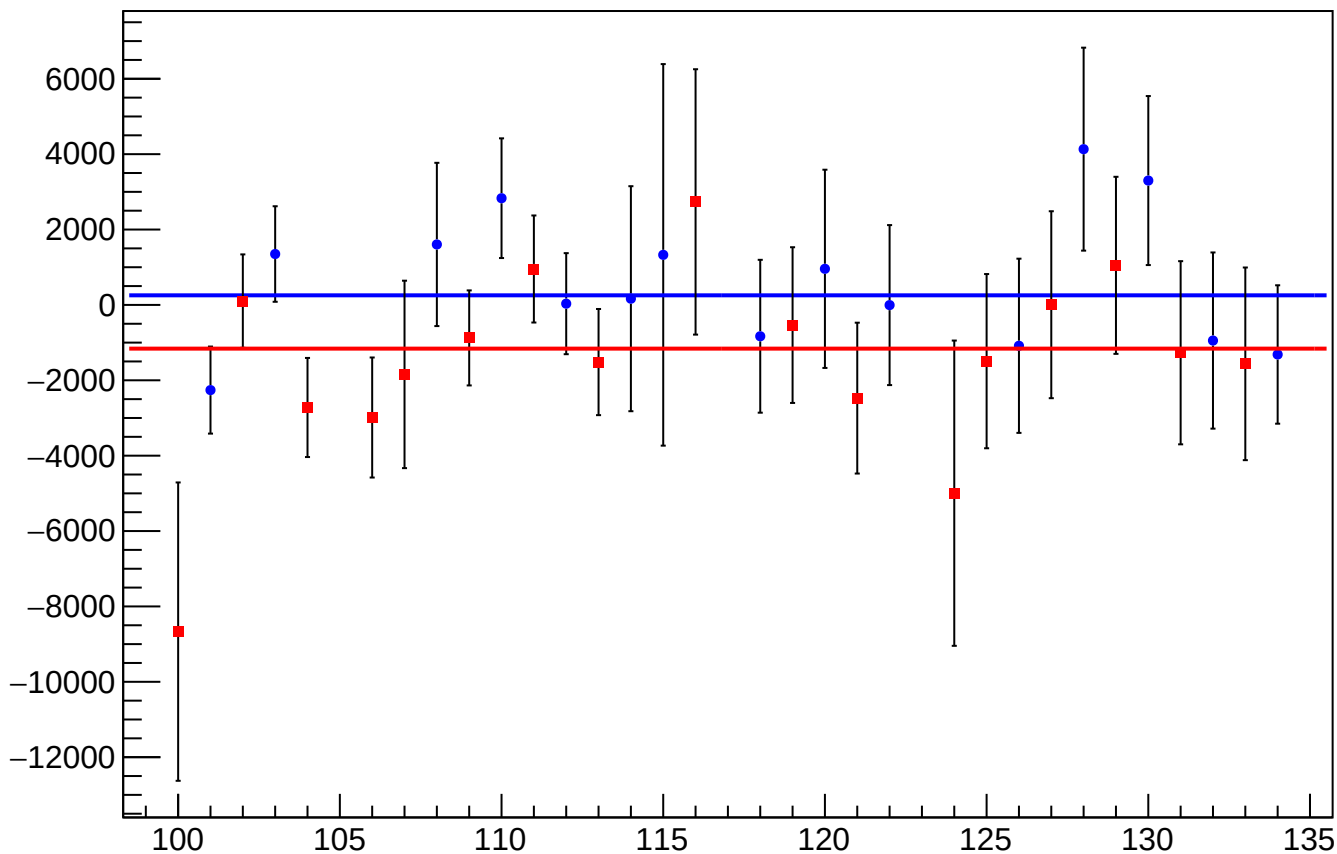
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 111.378 $\pm$ 0.022 χ^2 /NDF: 667076.7/31

- sign 0.000 $\pm$ 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: -1159.784 $\pm$ 449.118 χ^2 /NDF: 13.6/16

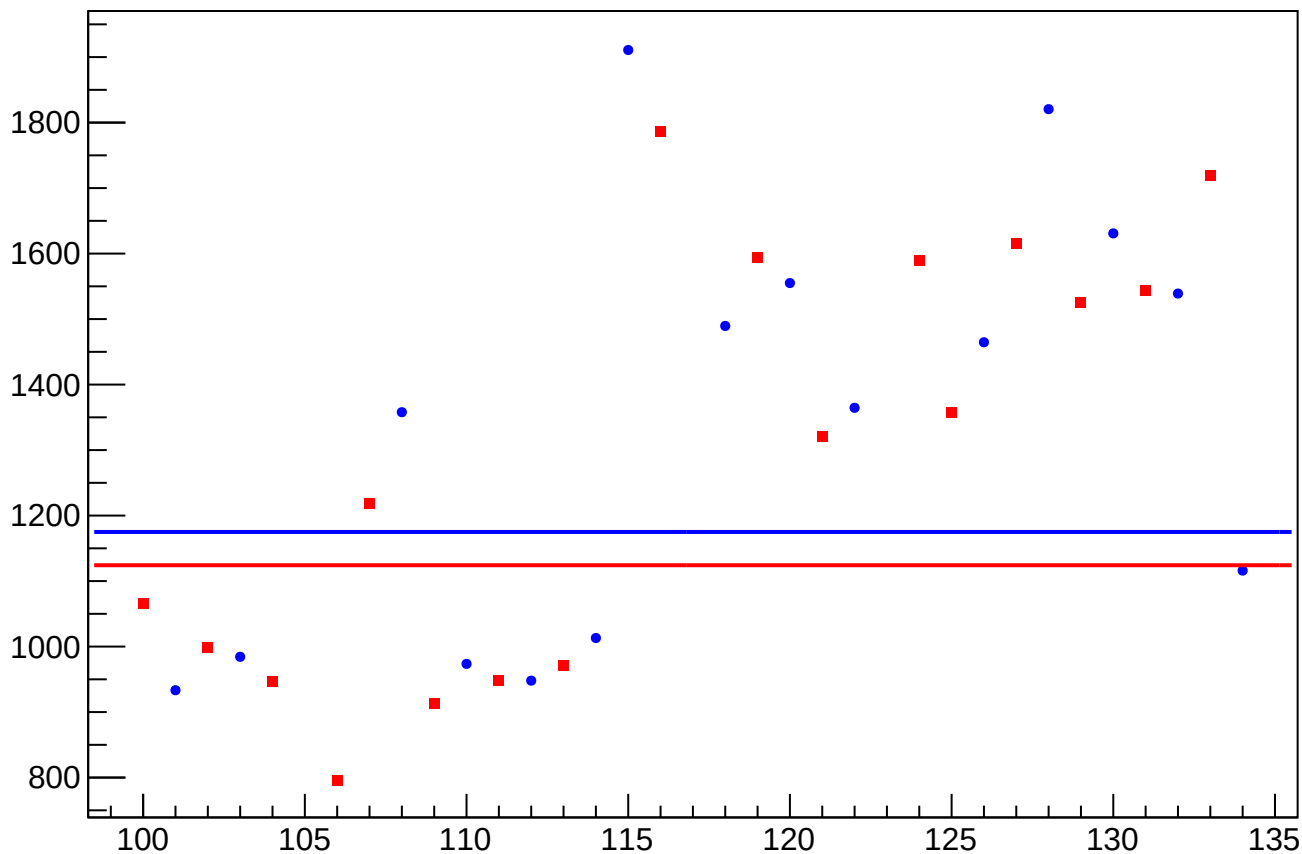
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -502.559 $\pm$ 328.601 χ^2 /NDF: 32.4/31

- 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

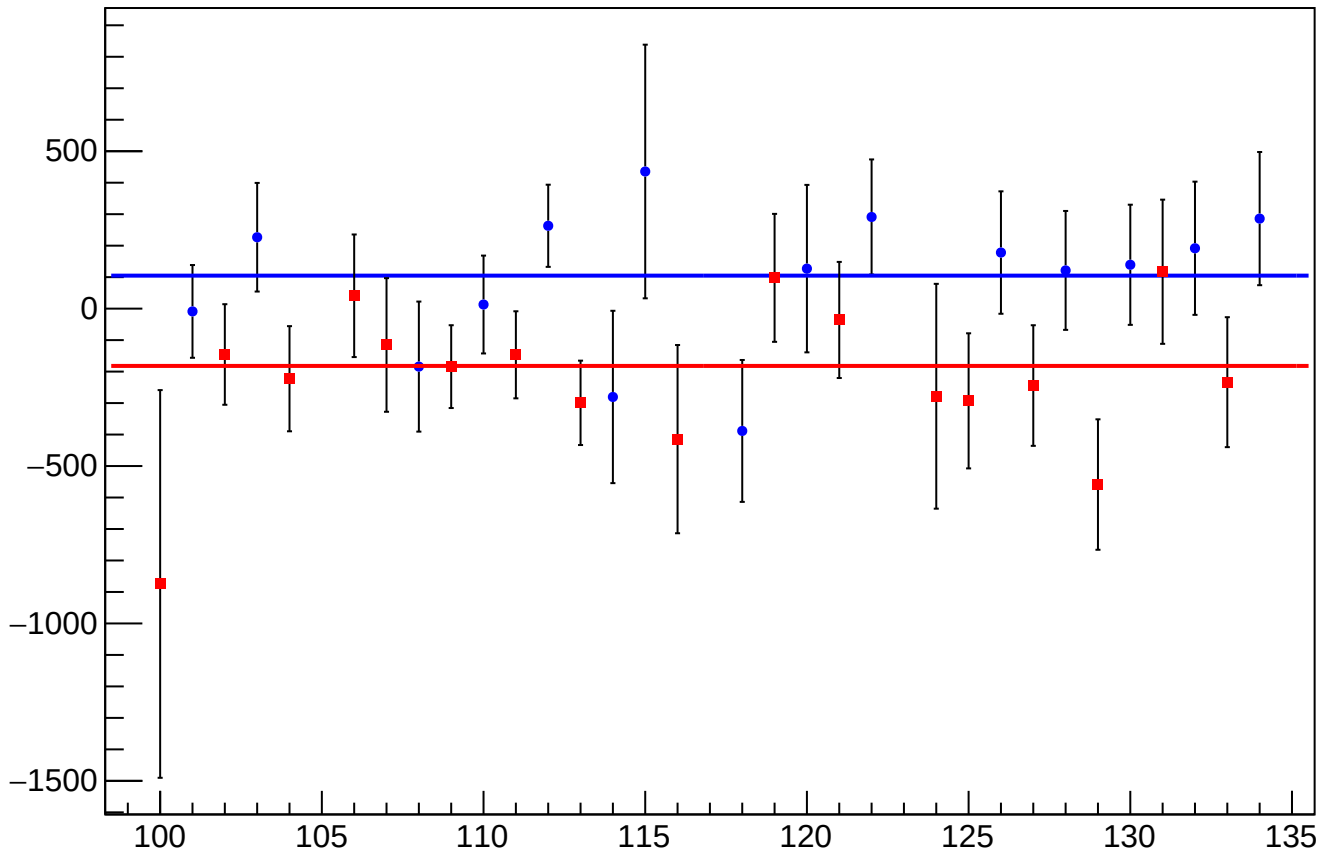
Right Out: 1124.188+/-0.318 χ^2 /NDF: 800722.4/16

All: 1147.797+/-0.232 χ^2 /NDF: 1482797.1/31

- 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_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: -181.998 $\pm$ 45.665 χ^2 /NDF: 12.3/16

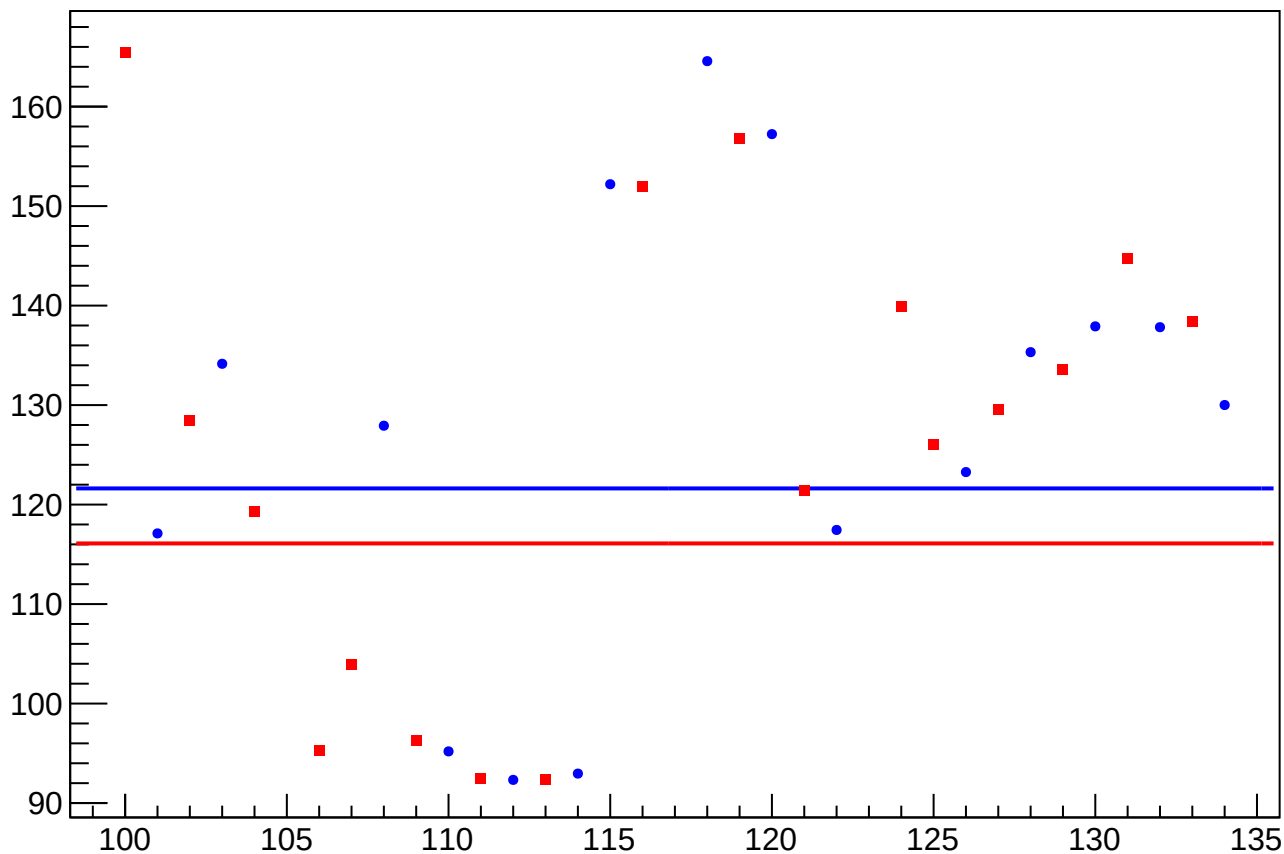
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -49.266 $\pm$ 33.470 χ^2 /NDF: 45.0/31

- 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: 116.095 $\pm$ 0.032 χ^2 /NDF: 424379.1/16

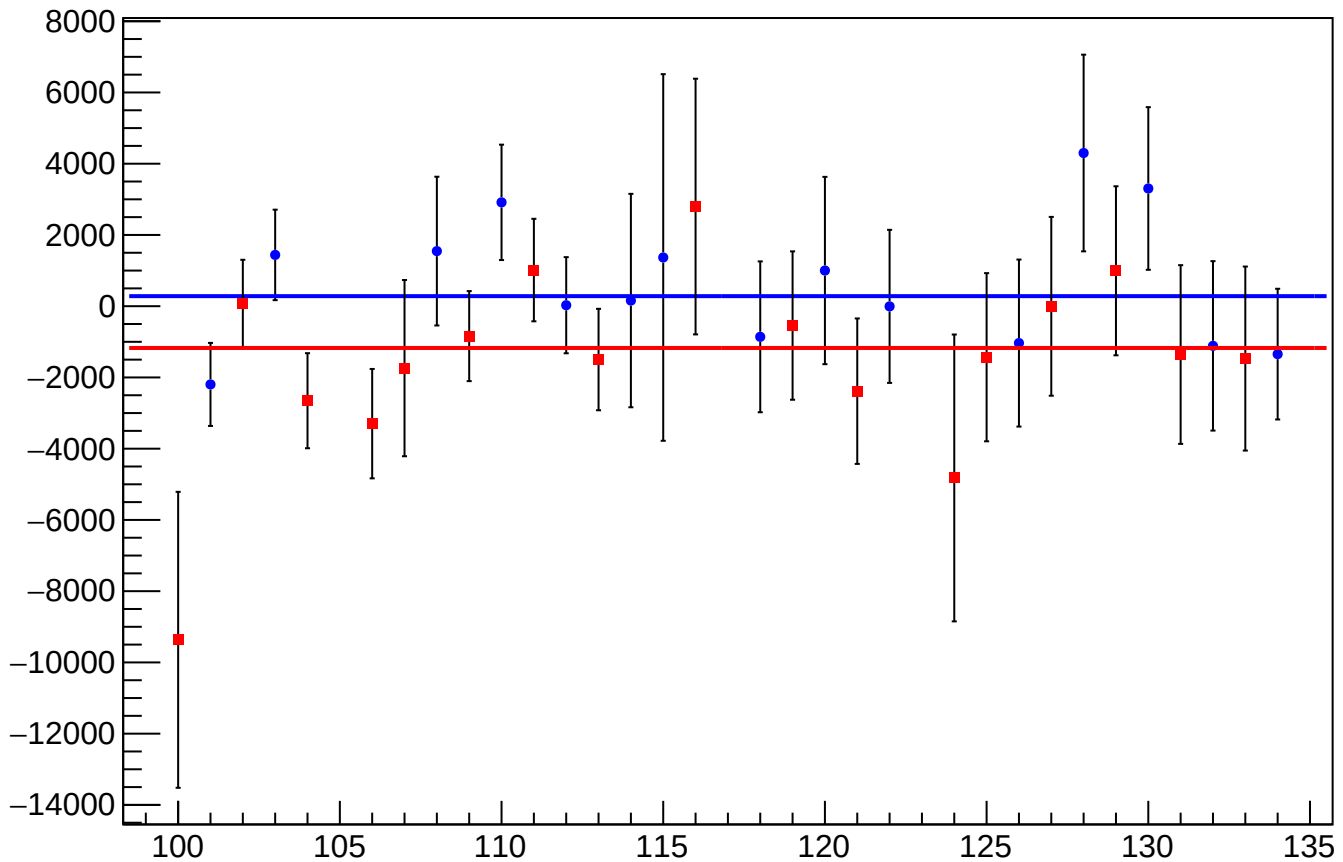
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 118.654 $\pm$ 0.024 χ^2 /NDF: 793954.6/31

- 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: -1172.683 $\pm$ 451.895 χ^2 /NDF: 14.1/16

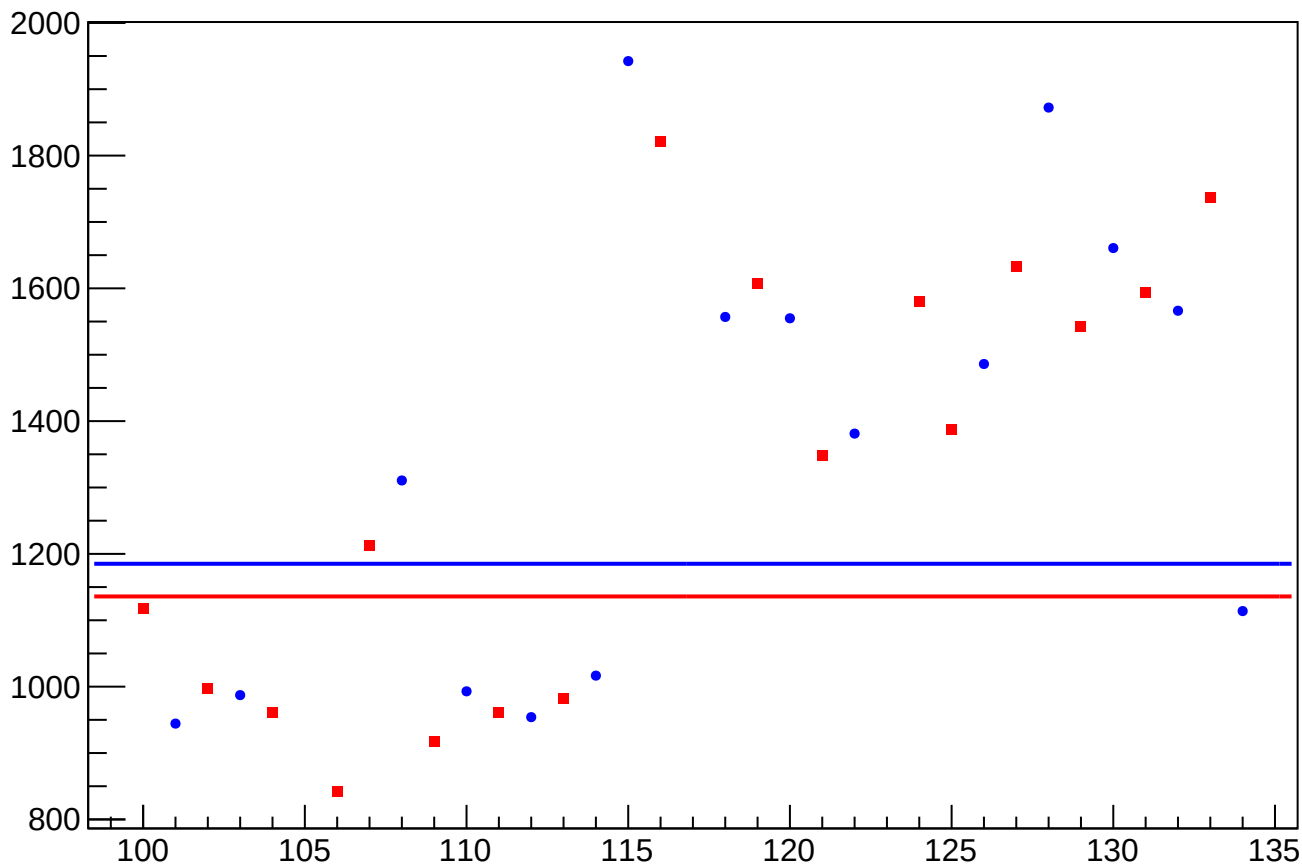
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -498.648 $\pm$ 331.044 χ^2 /NDF: 33.0/31

- 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+/-0.344 χ^2/NDF : 693433.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

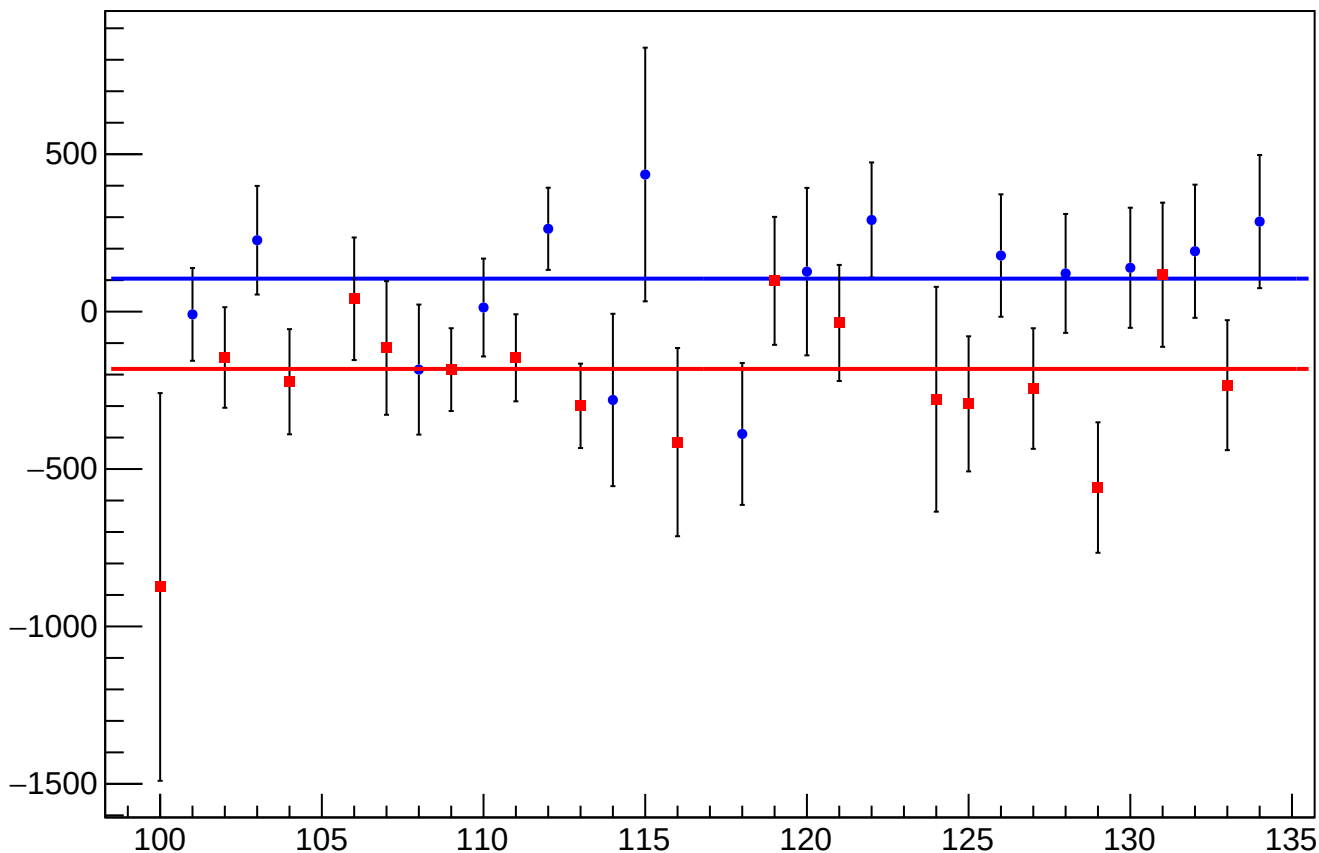
Right Out: 1135.902+/-0.320 χ^2/NDF : 803251.9/16

All: 1158.694+/-0.234 χ^2/NDF : 1507666.0/31

- 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_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: -181.997 $\pm$ 45.665 χ^2 /NDF: 12.3/16

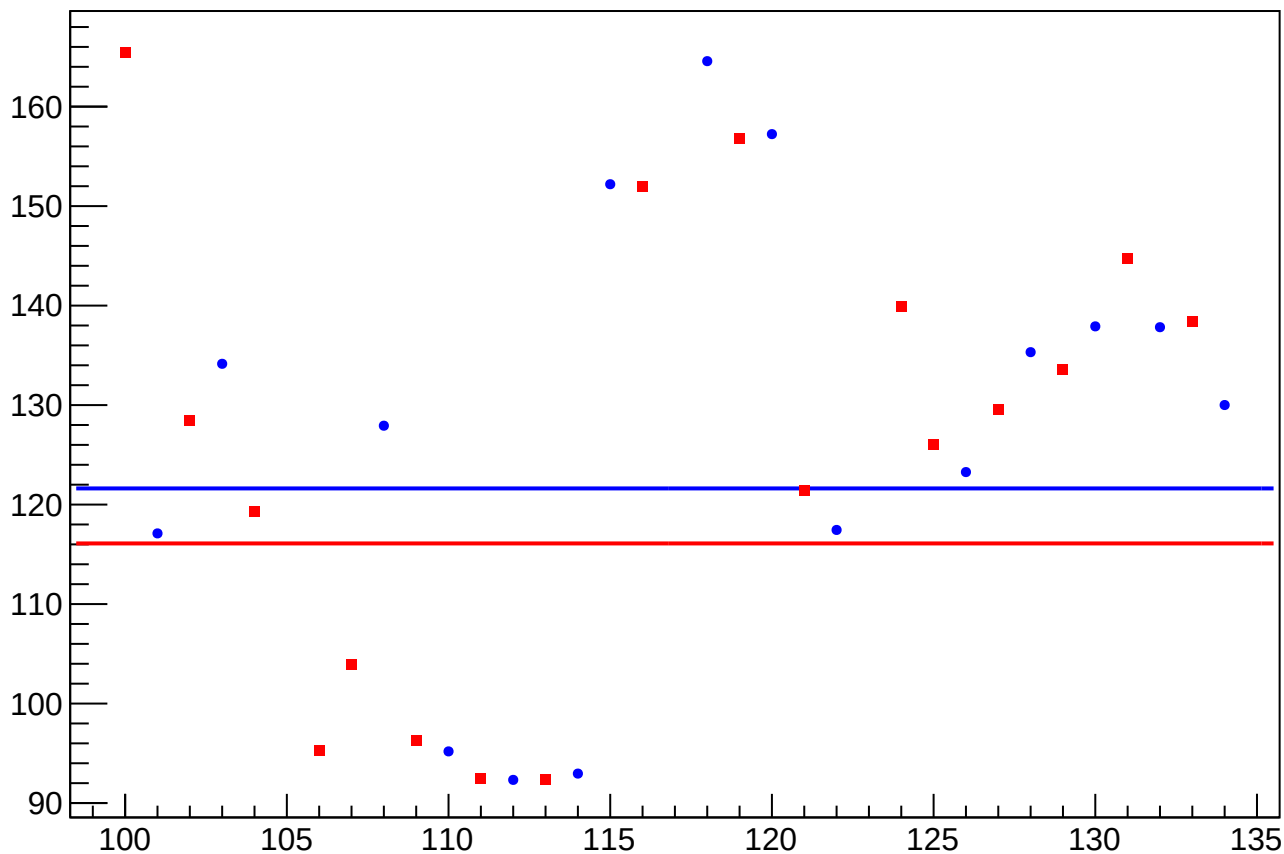
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -49.266 $\pm$ 33.470 χ^2 /NDF: 45.0/31

- 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: 116.095 $\pm$ 0.032 χ^2 /NDF: 424384.0/16

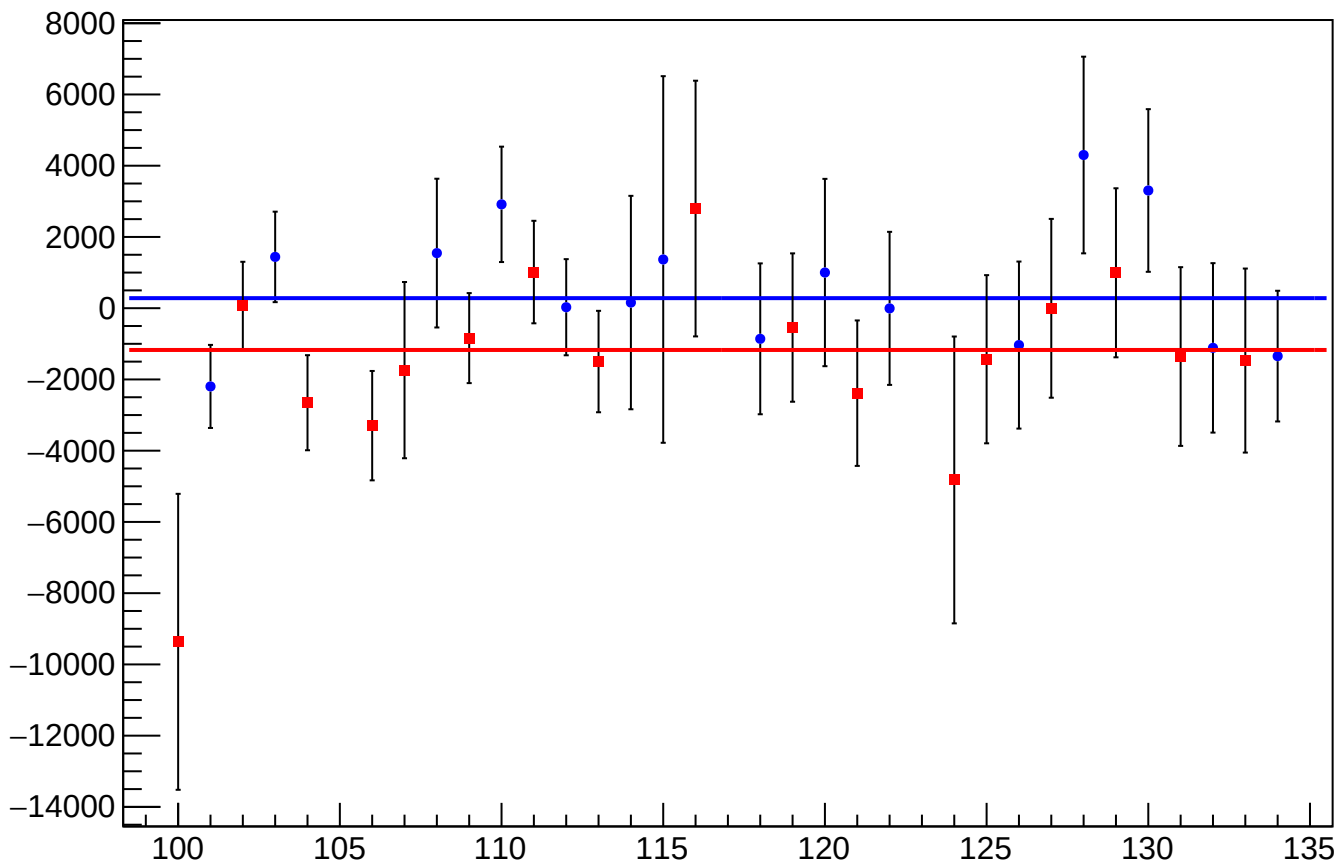
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 118.654 $\pm$ 0.024 χ^2 /NDF: 793964.0/31

- 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+/-486.335 χ^2/NDF : 14.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1172.683+/-451.895 χ^2/NDF : 14.1/16

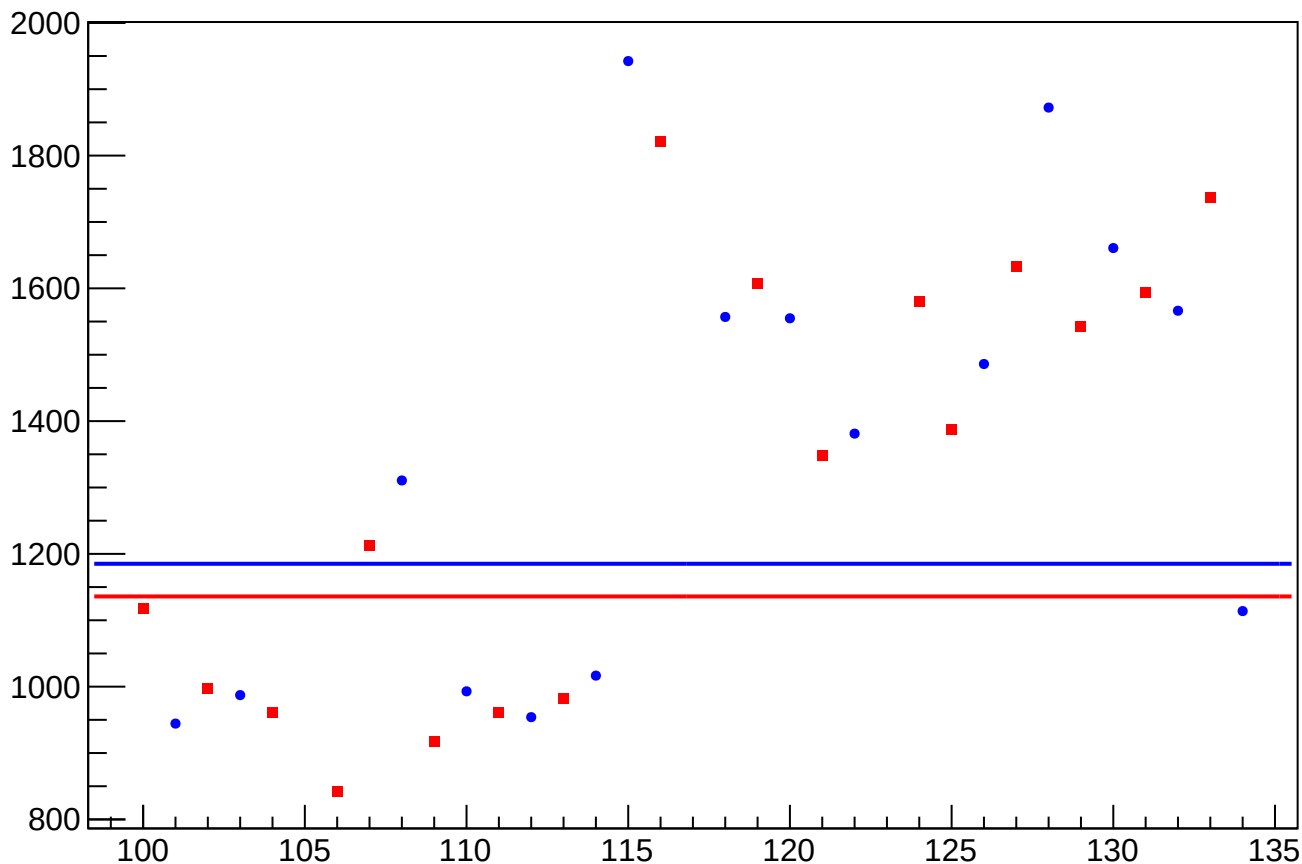
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -498.647+/-331.044 χ^2/NDF : 33.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_eigen_dit_correction_rms vs Slug



Right In: 1185.094+/-0.344 χ^2/NDF : 693434.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1135.902+/-0.320 χ^2/NDF : 803253.1/16

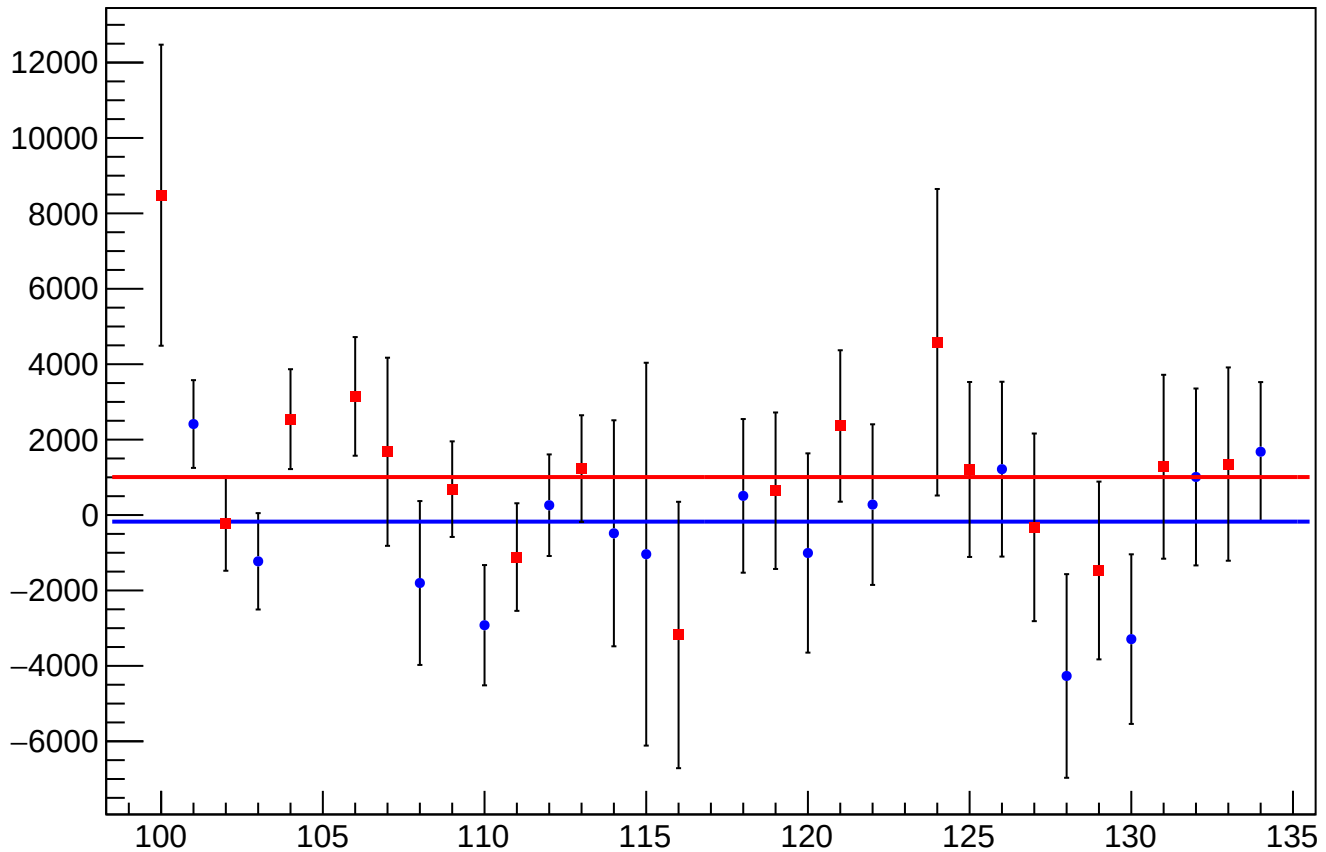
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1158.695+/-0.234 χ^2/NDF : 1507668.5/31

- sign 0.000+/-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: 1007.356+/-450.772 χ^2 /NDF: 14.1/16

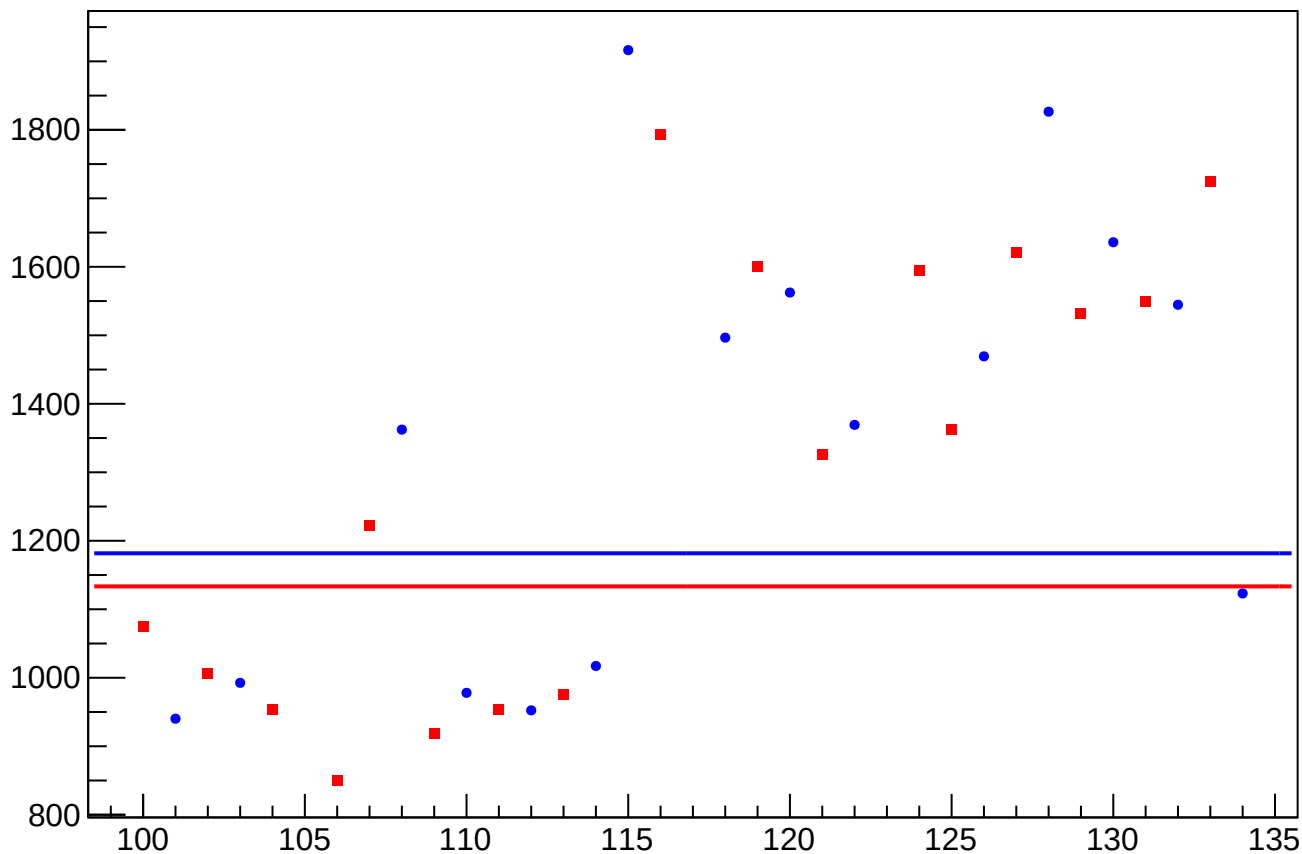
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 459.070+/-330.078 χ^2 /NDF: 32.7/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_rms vs Slug



Right In: 1181.716+/-0.343 χ^2/NDF : 663320.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1133.431+/-0.319 χ^2/NDF : 772987.2/16

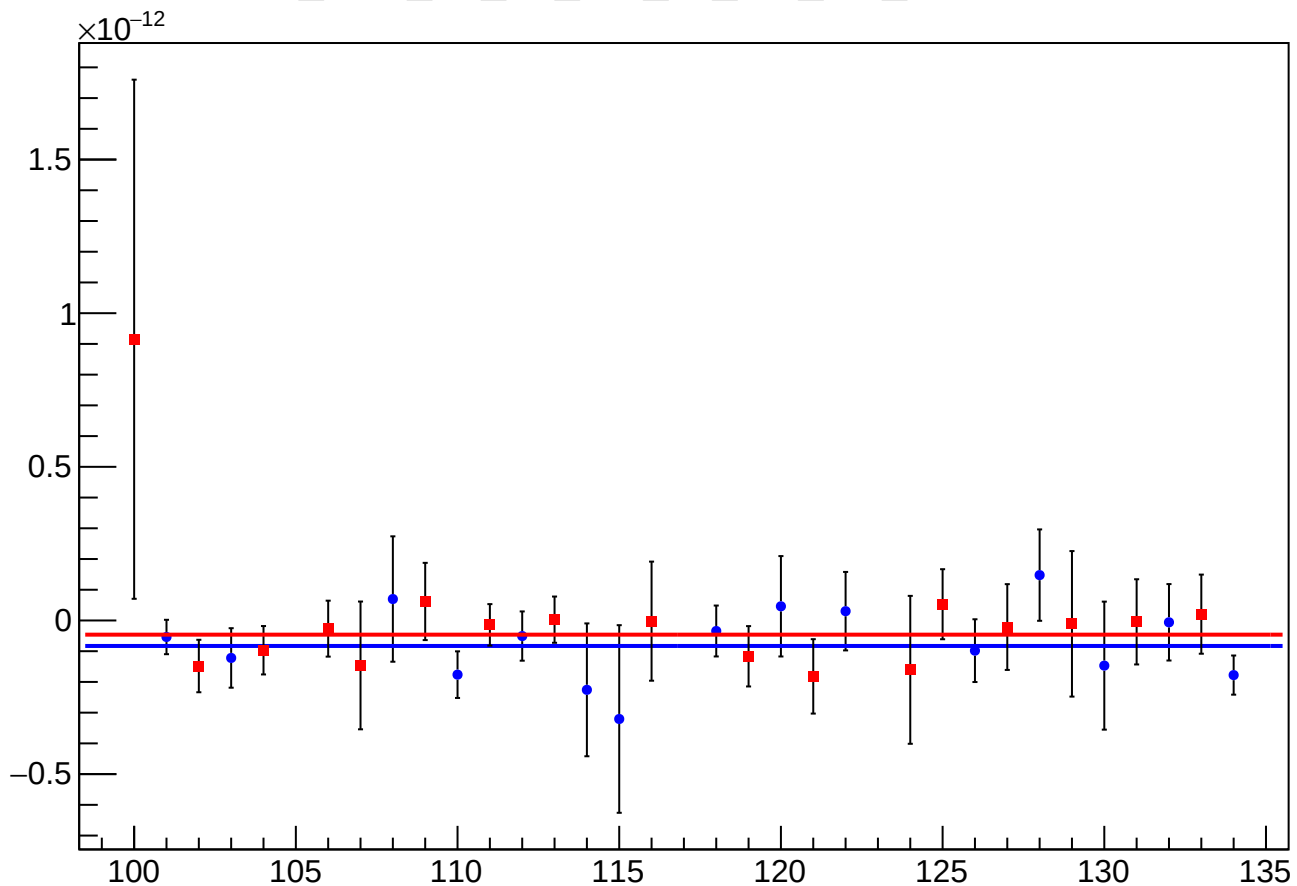
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1155.826+/-0.233 χ^2/NDF : 1446950.4/31

- sign 0.000+/-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 : 8.0/16

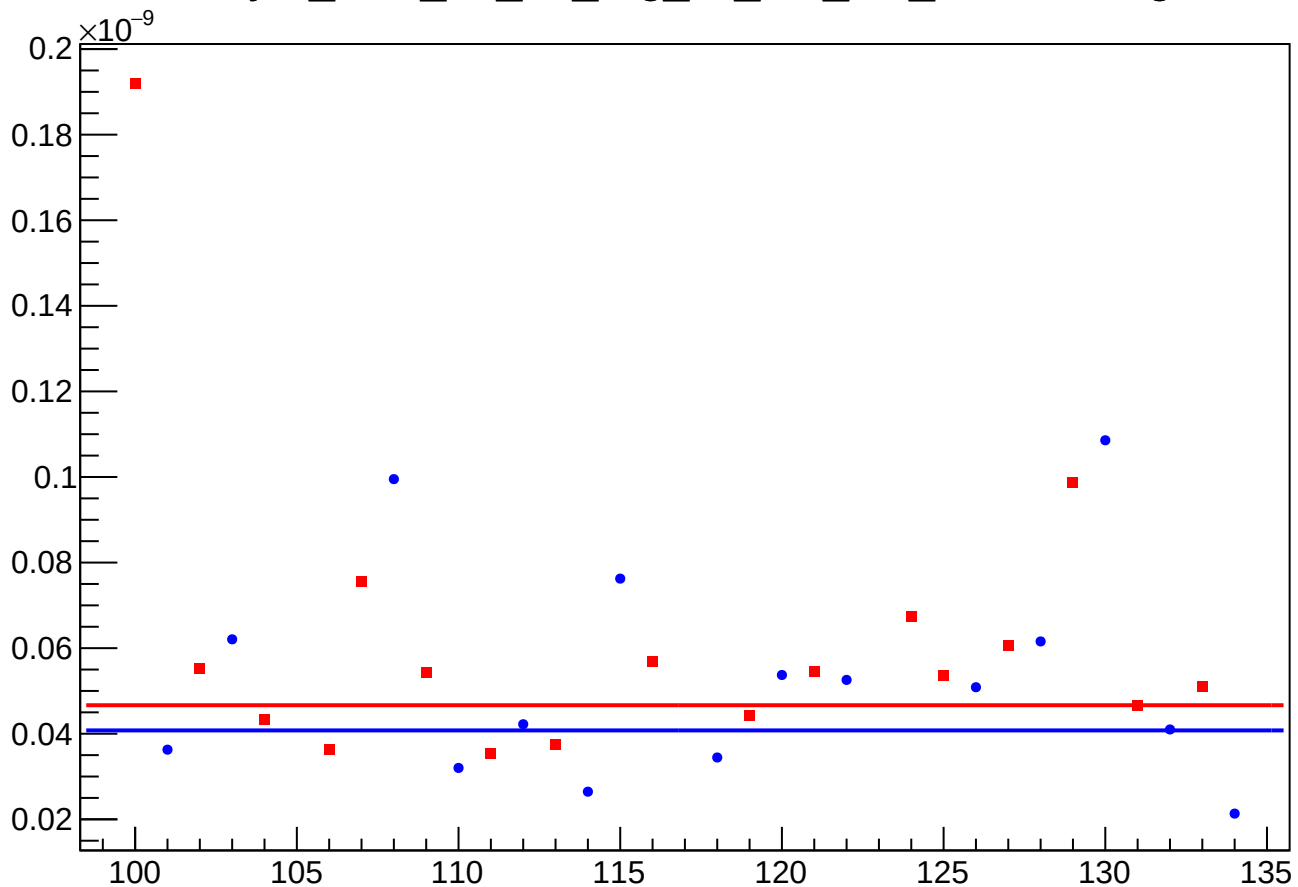
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 19.6/31

- 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 : 397522.6/16

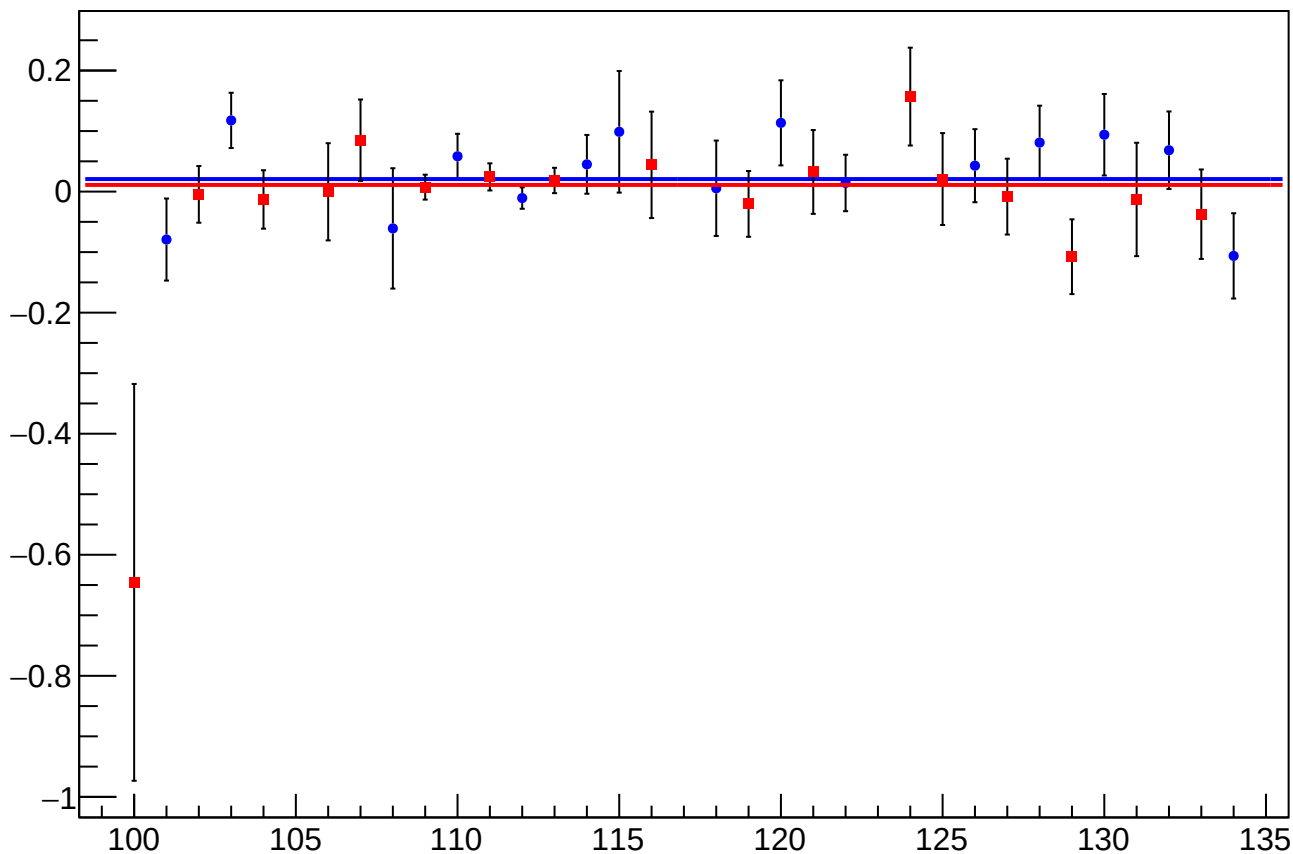
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1284317.3/31

- 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 $\pm$ 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: 14.2/16

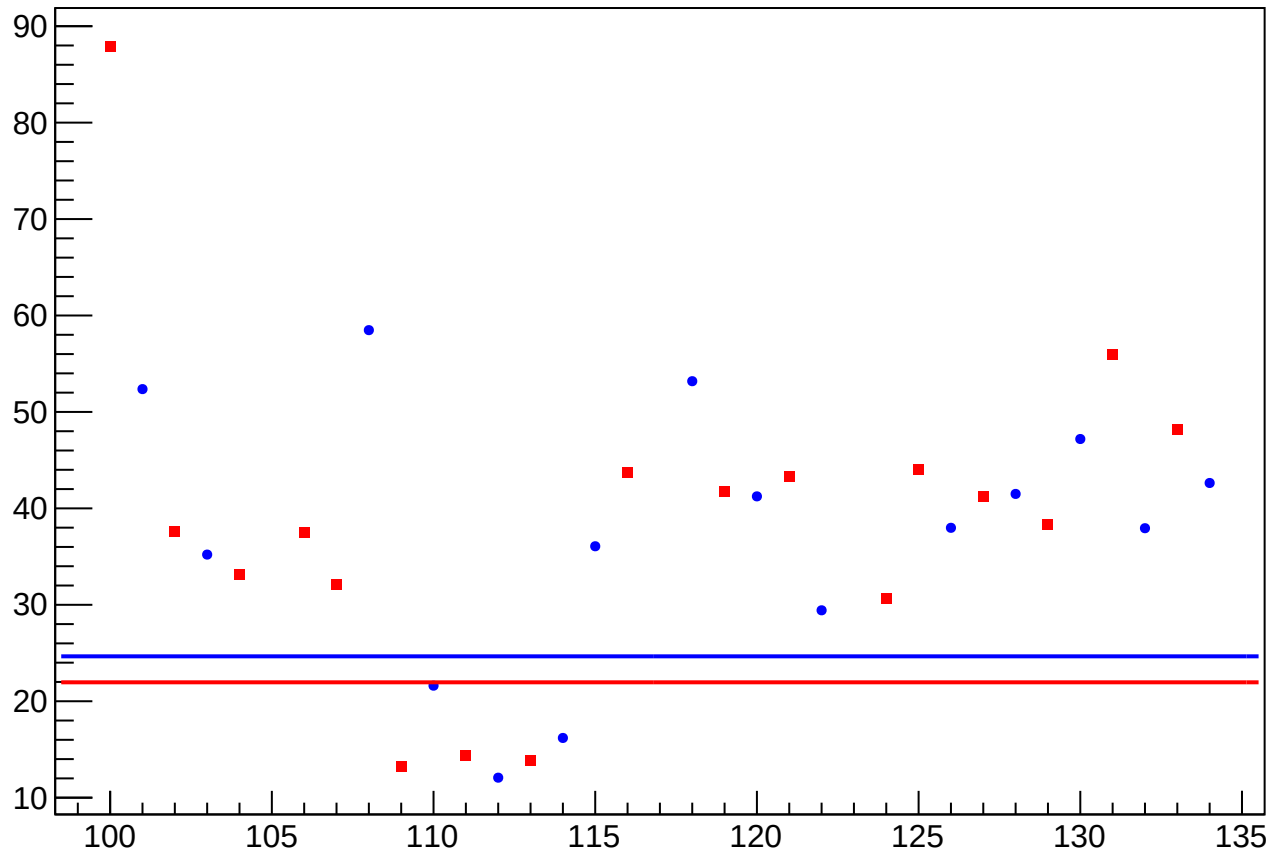
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.015 $\pm$ 0.008 χ^2 /NDF: 34.9/31

- sign 0.000 $\pm$ 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: 21.963 $\pm$ 0.007 χ^2 /NDF: 3031706.7/16

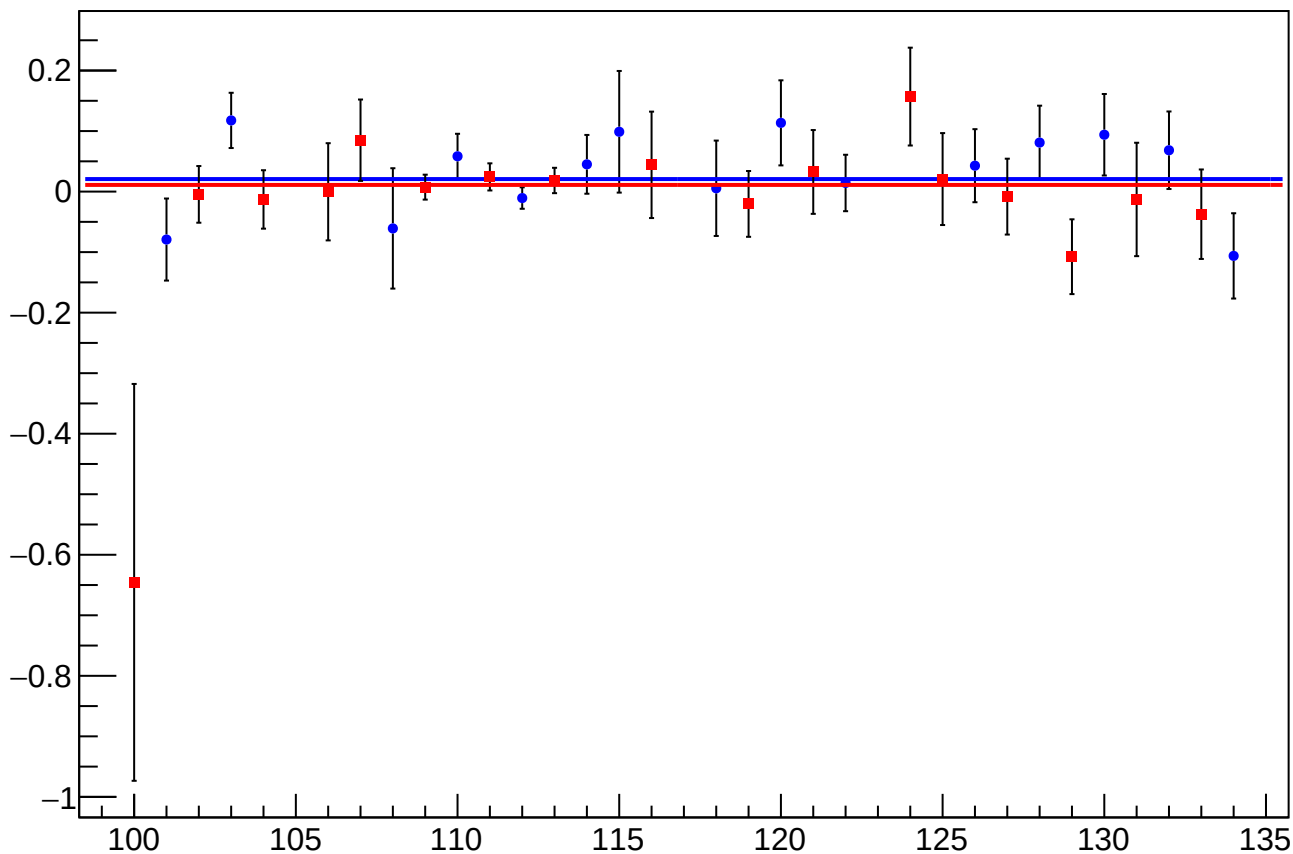
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.115 $\pm$ 0.005 χ^2 /NDF: 5957014.2/31

- 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 $\pm$ 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: 14.2/16

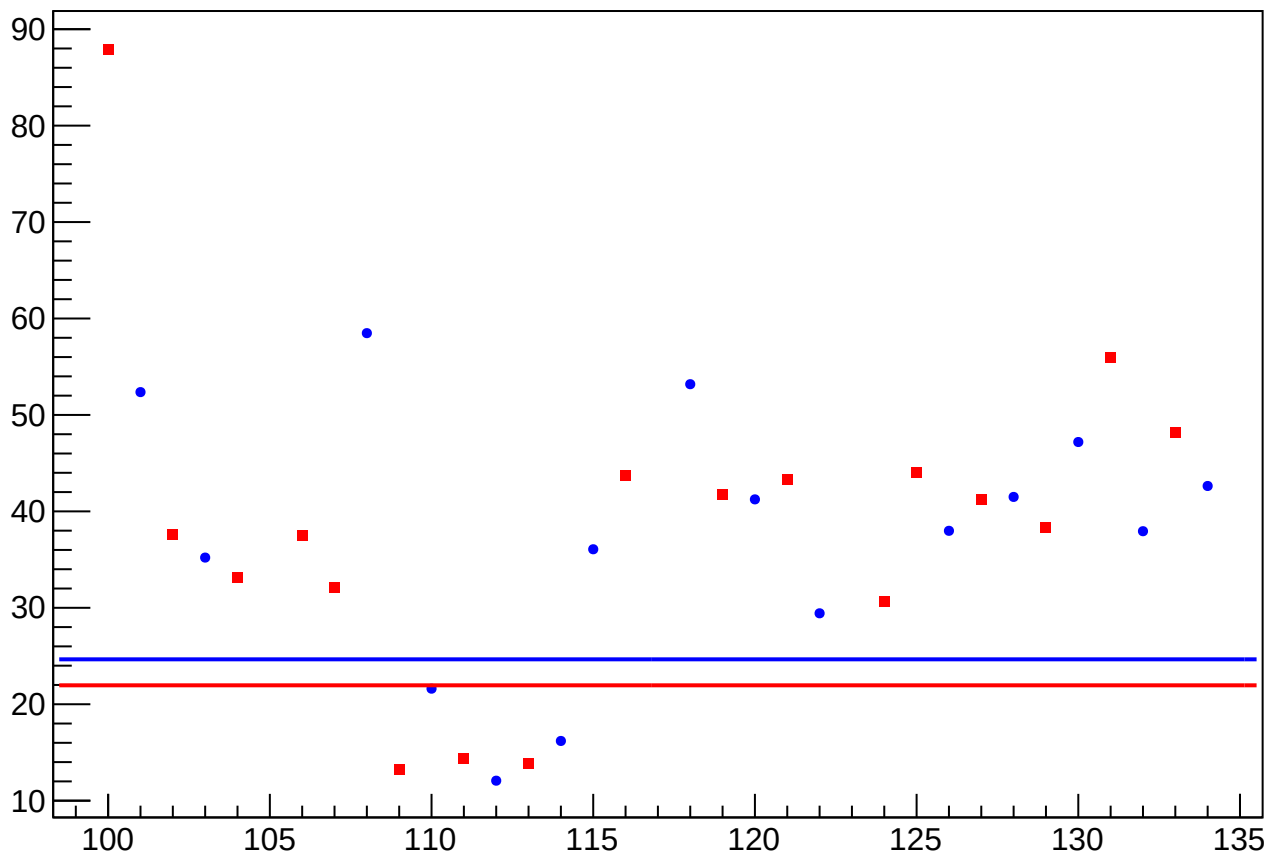
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.015 $\pm$ 0.008 χ^2 /NDF: 34.9/31

- sign 0.000 $\pm$ 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: 21.963+/-0.007 χ^2/NDF : 3031706.7/16

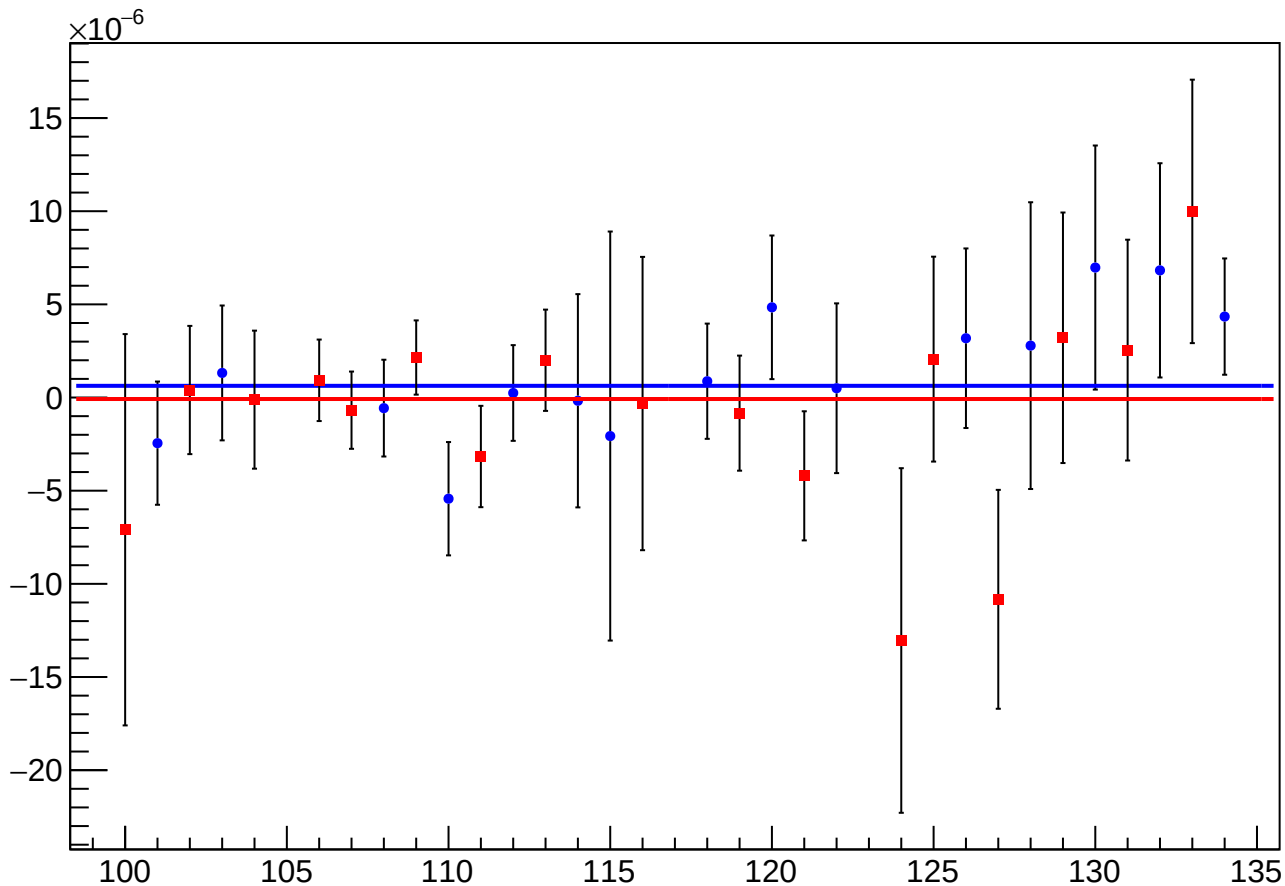
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.115+/-0.005 χ^2/NDF : 5957014.2/31

- 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: 13.3/16

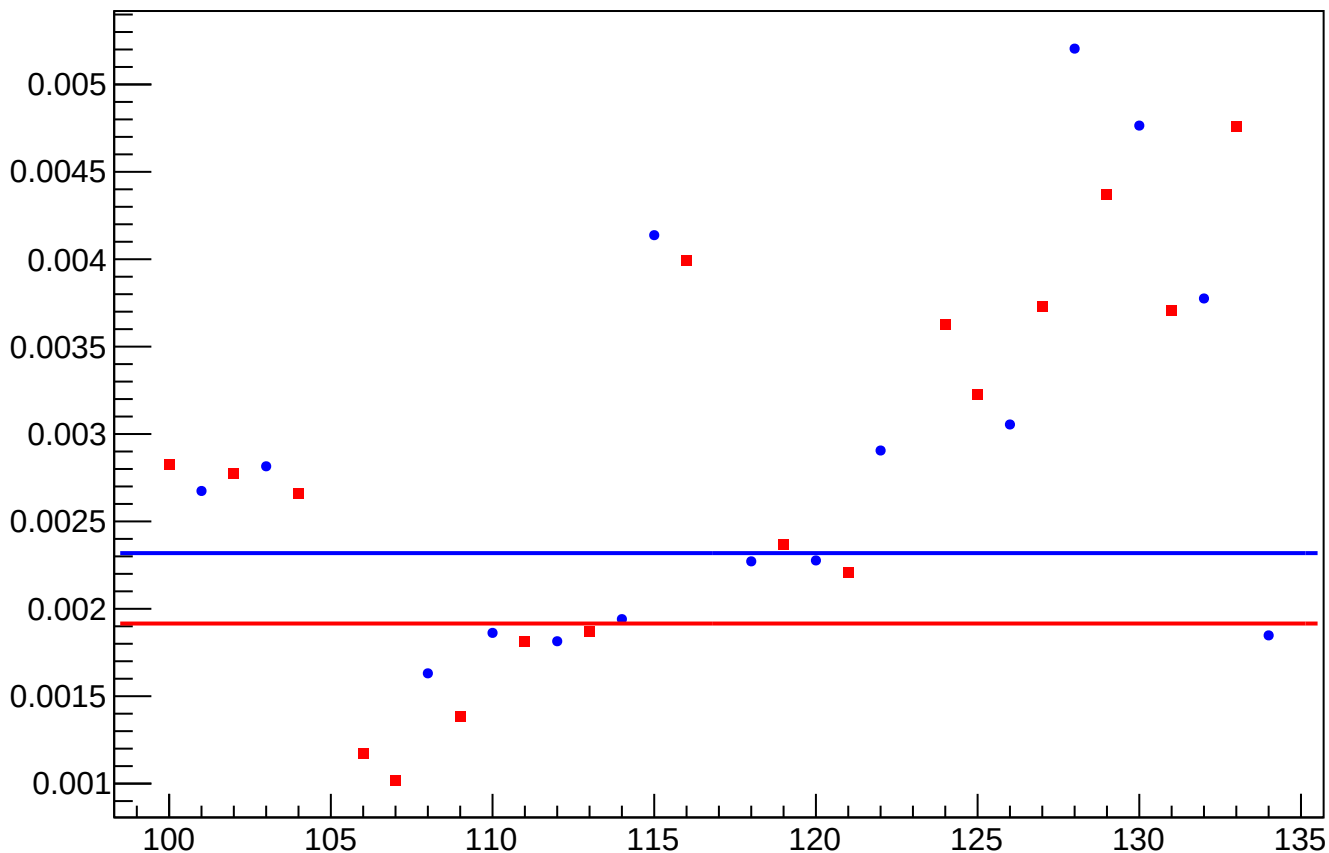
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.9/31

- 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 : 2314789.9/16

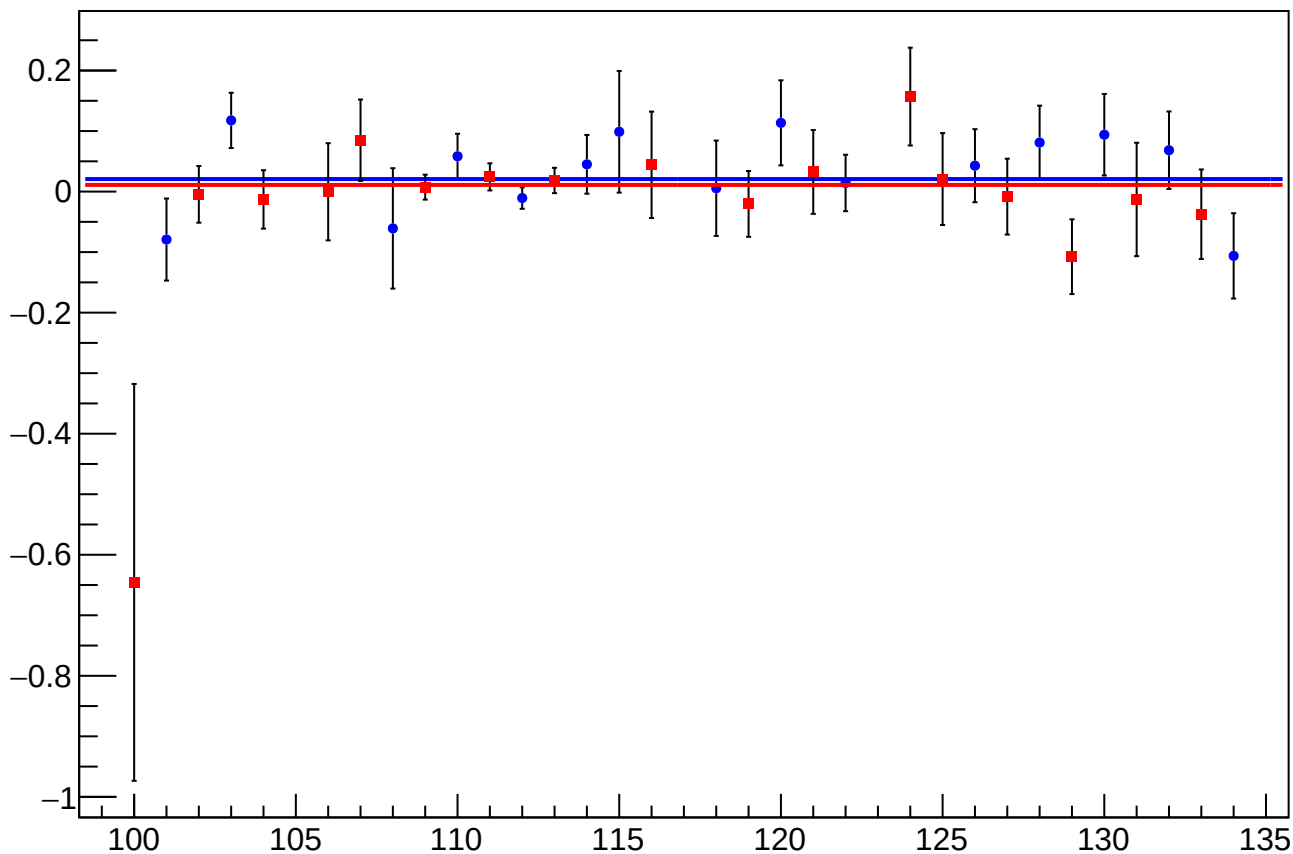
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3715773.9/31

- 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 : 14.2/16

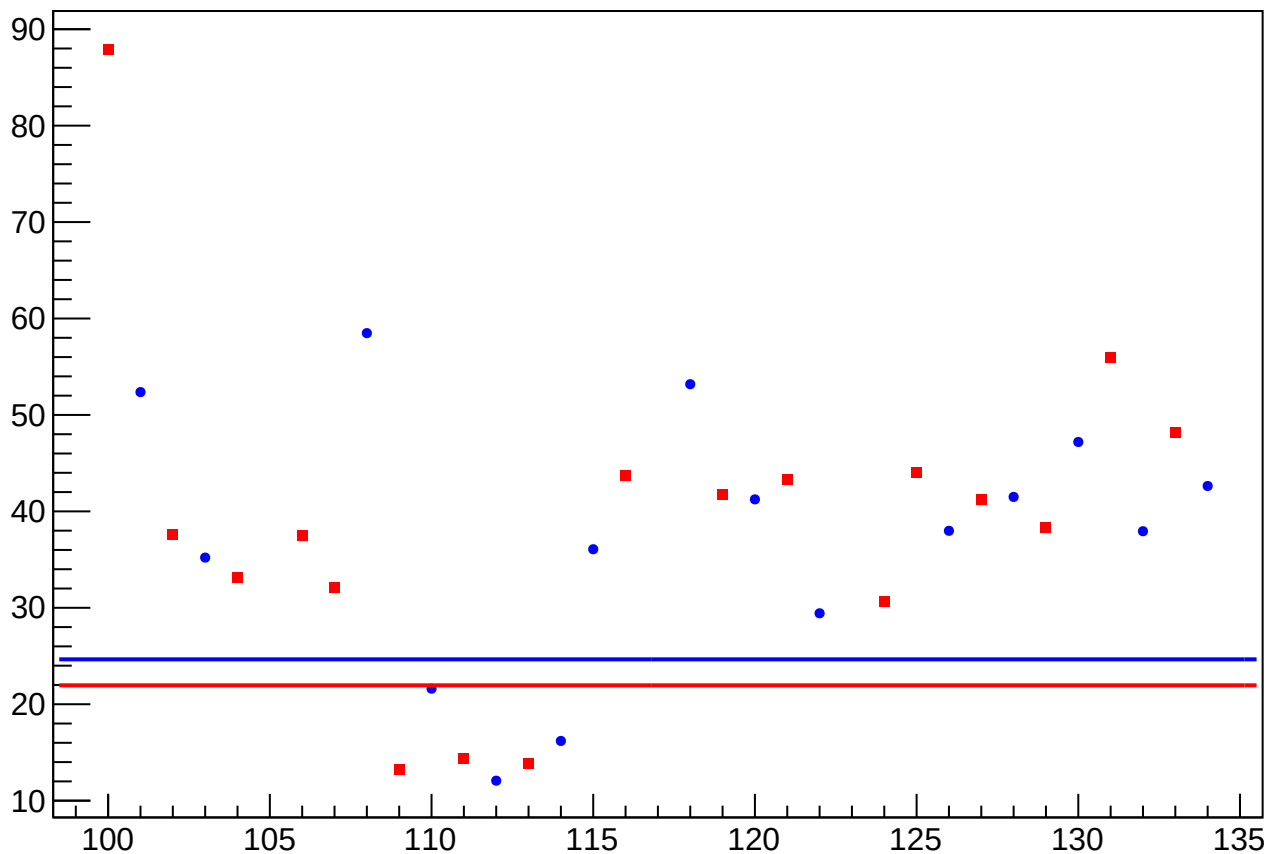
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.008 χ^2/NDF : 34.9/31

- 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: 21.962+/-0.007 χ^2/NDF : 3031827.0/16

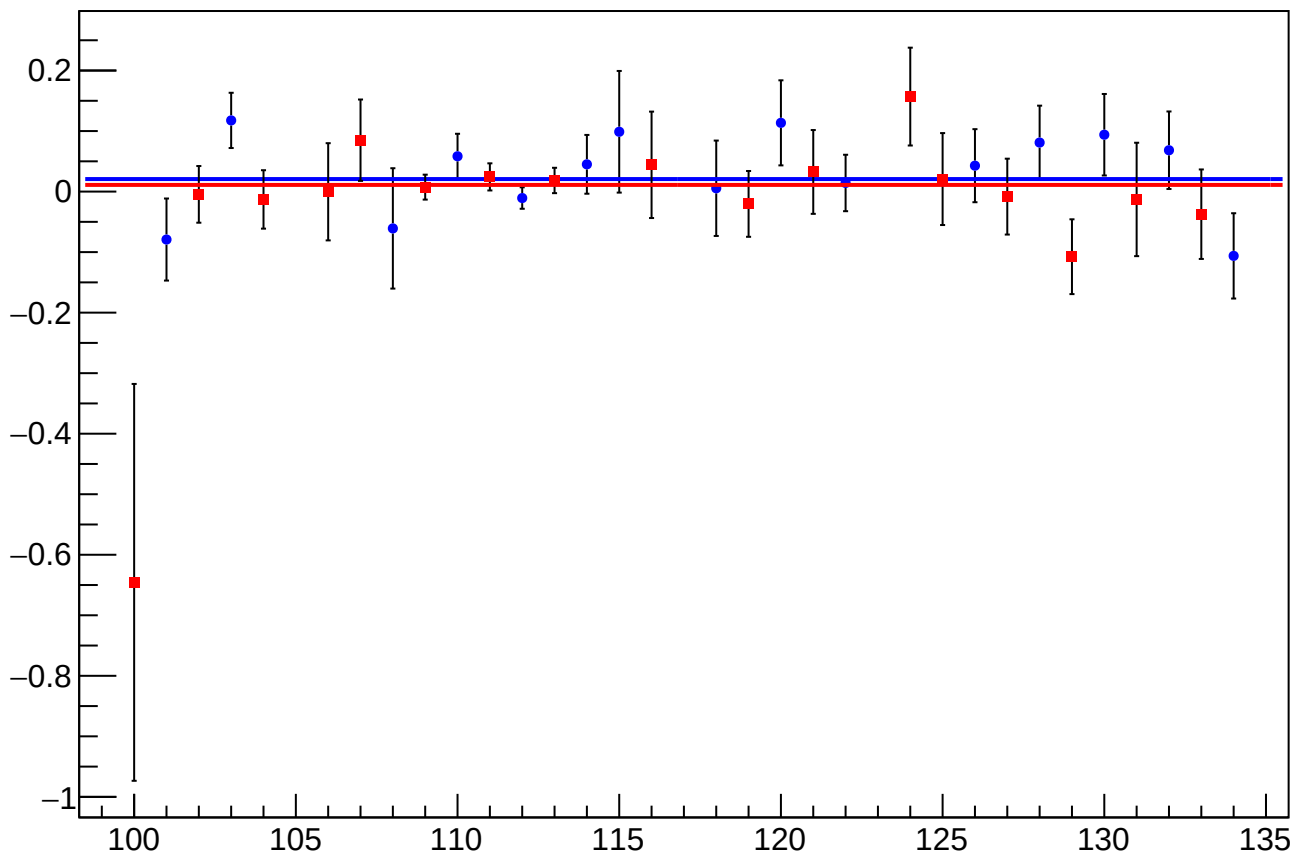
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.114+/-0.005 χ^2/NDF : 5957452.6/31

- 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: 14.2/16

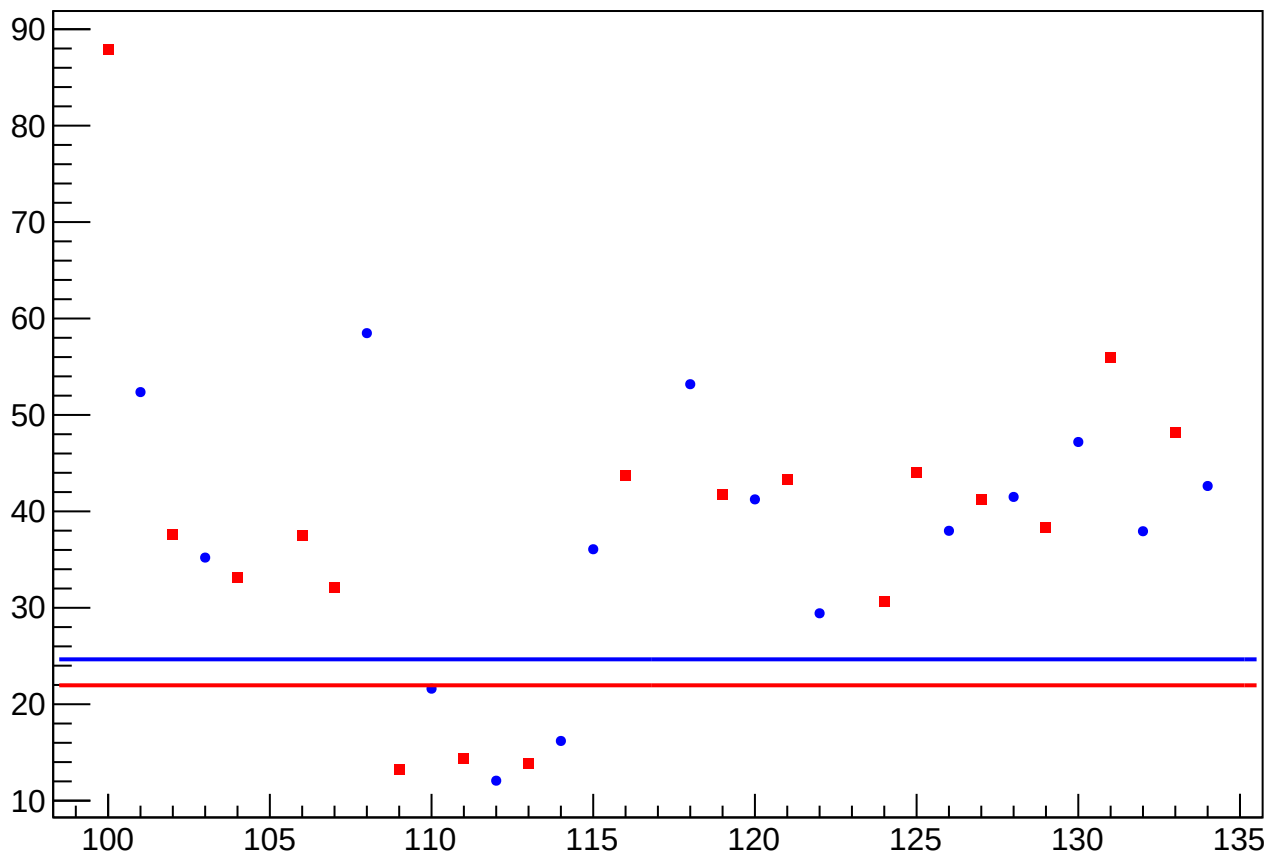
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.015 $\pm$ 0.008 χ^2 /NDF: 34.9/31

- 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+/-0.008 χ^2/NDF : 2865328.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.962+/-0.007 χ^2/NDF : 3031827.0/16

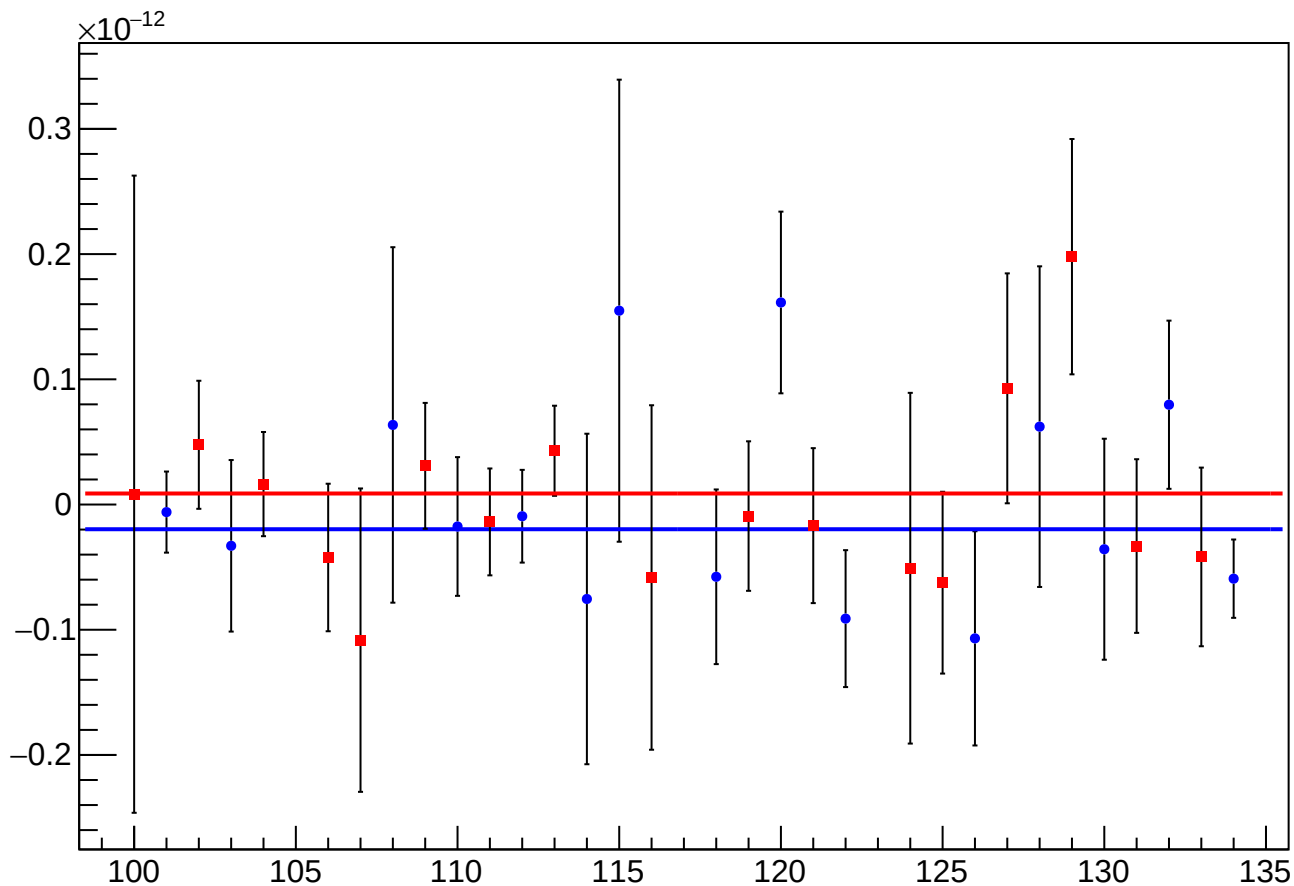
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.114+/-0.005 χ^2/NDF : 5957452.6/31

- sign 0.000+/-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 : 11.1/16

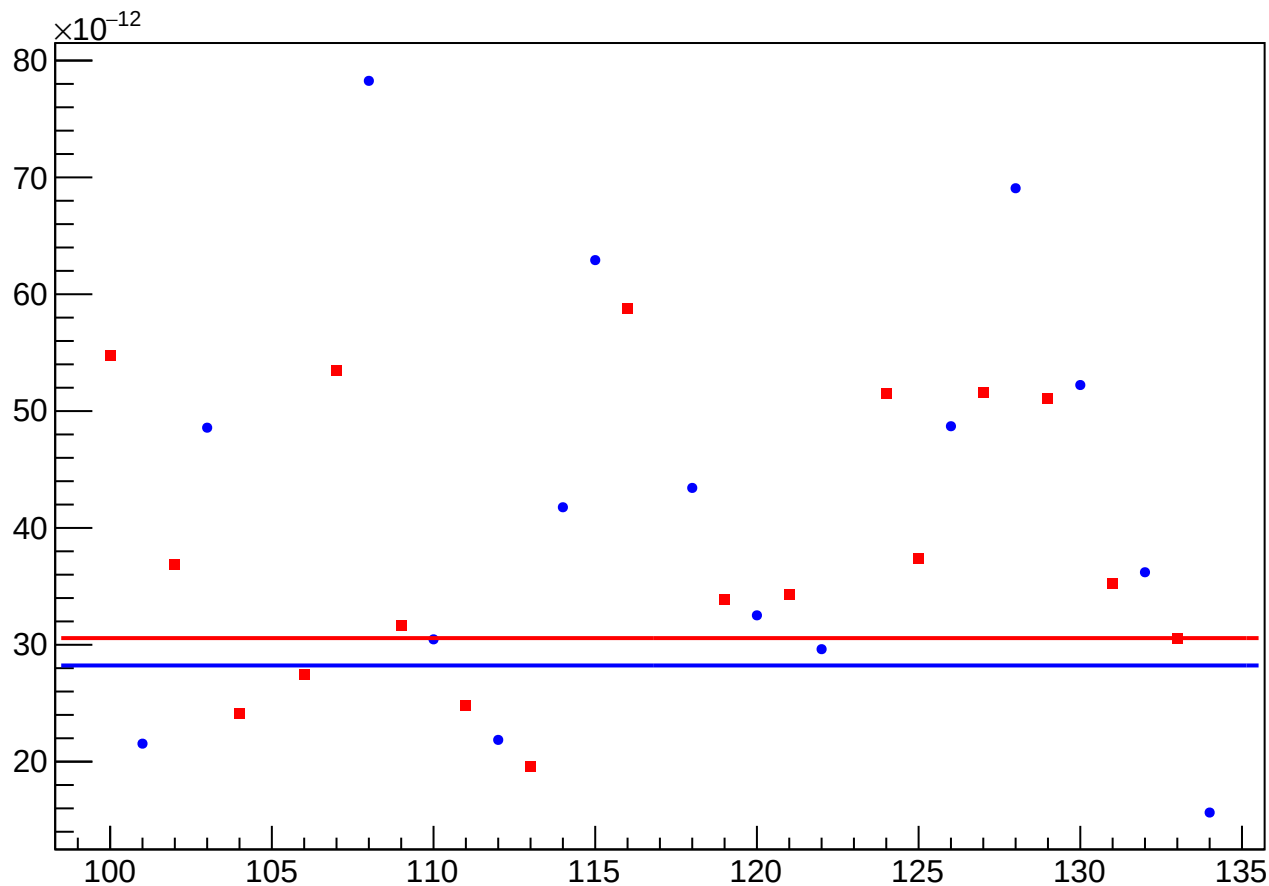
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.2/31

- 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: 766812.5/16

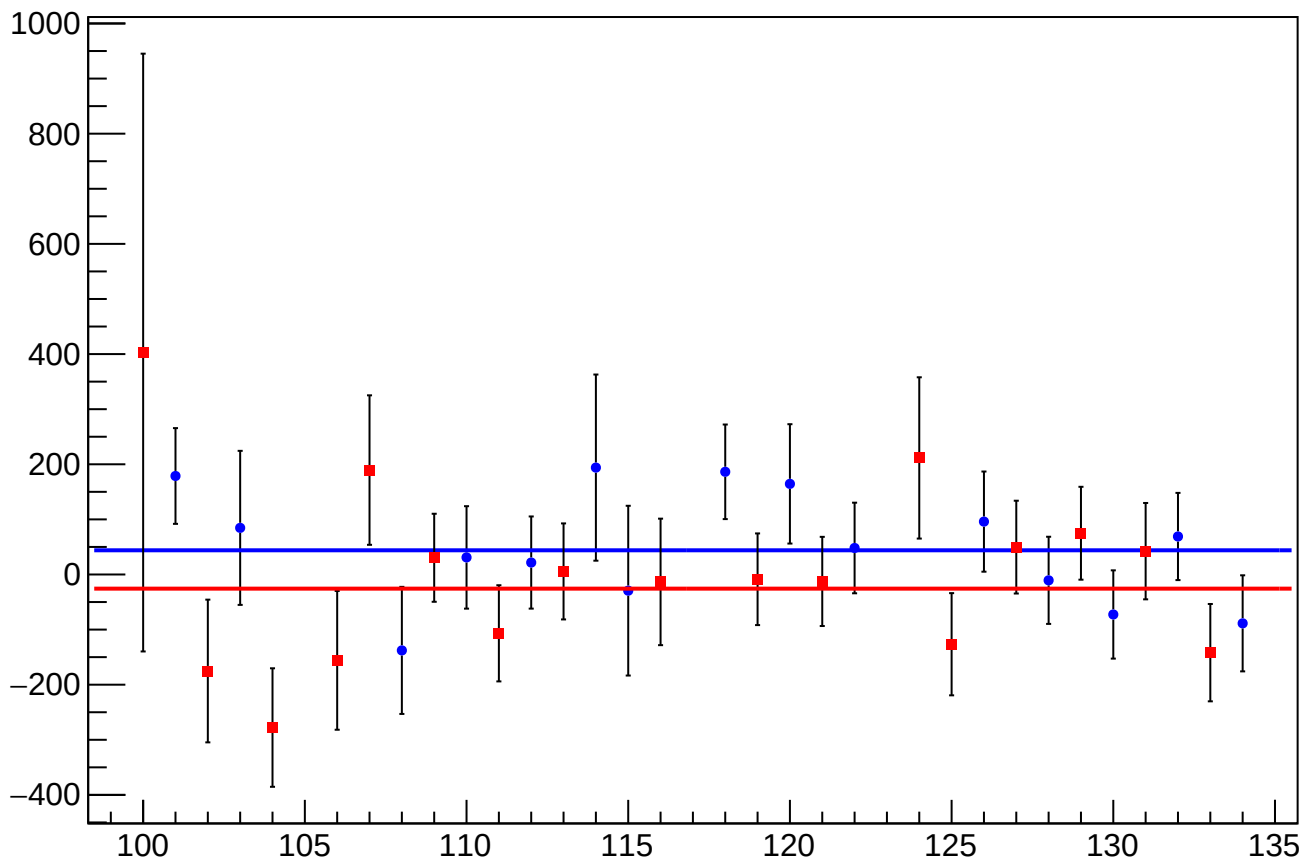
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2377907.5/31

- 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+/-24.312 χ^2/NDF : 15.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.686+/-23.812 χ^2/NDF : 21.0/16

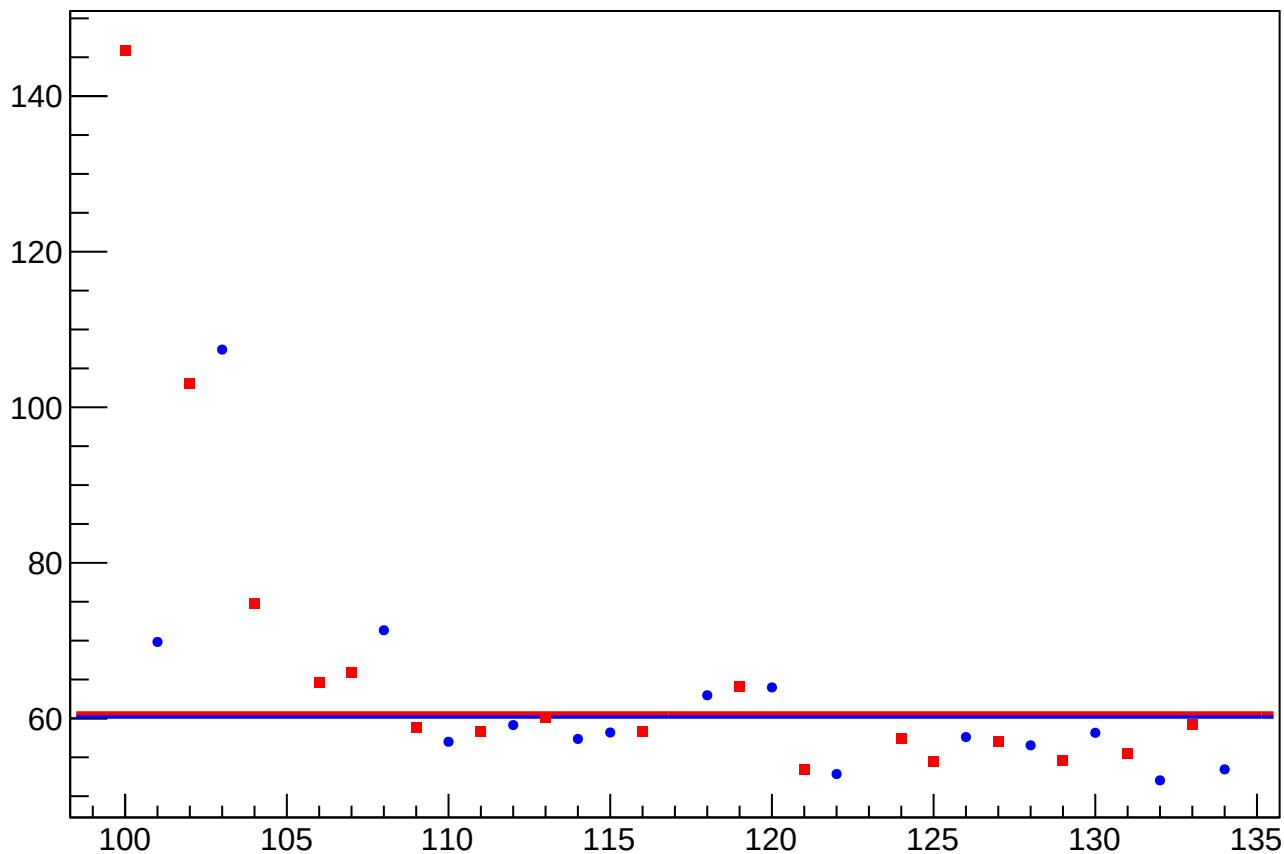
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.389+/-17.012 χ^2/NDF : 40.6/31

- sign 0.000+/-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: 60.665+/-0.017 χ^2/NDF : 357751.0/16

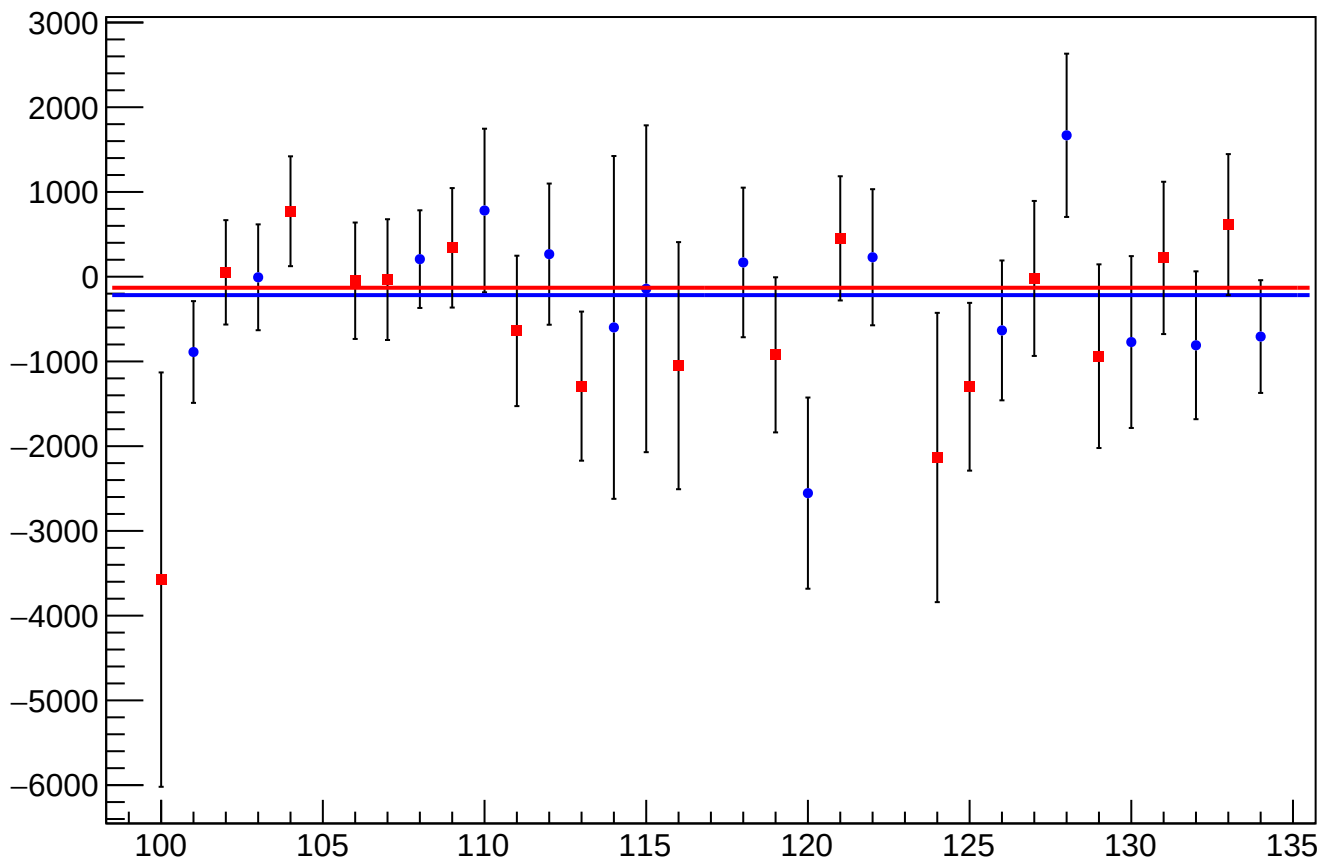
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.445+/-0.012 χ^2/NDF : 694116.4/31

- 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: -130.461 $\pm$ 206.450 χ^2 /NDF: 12.6/16

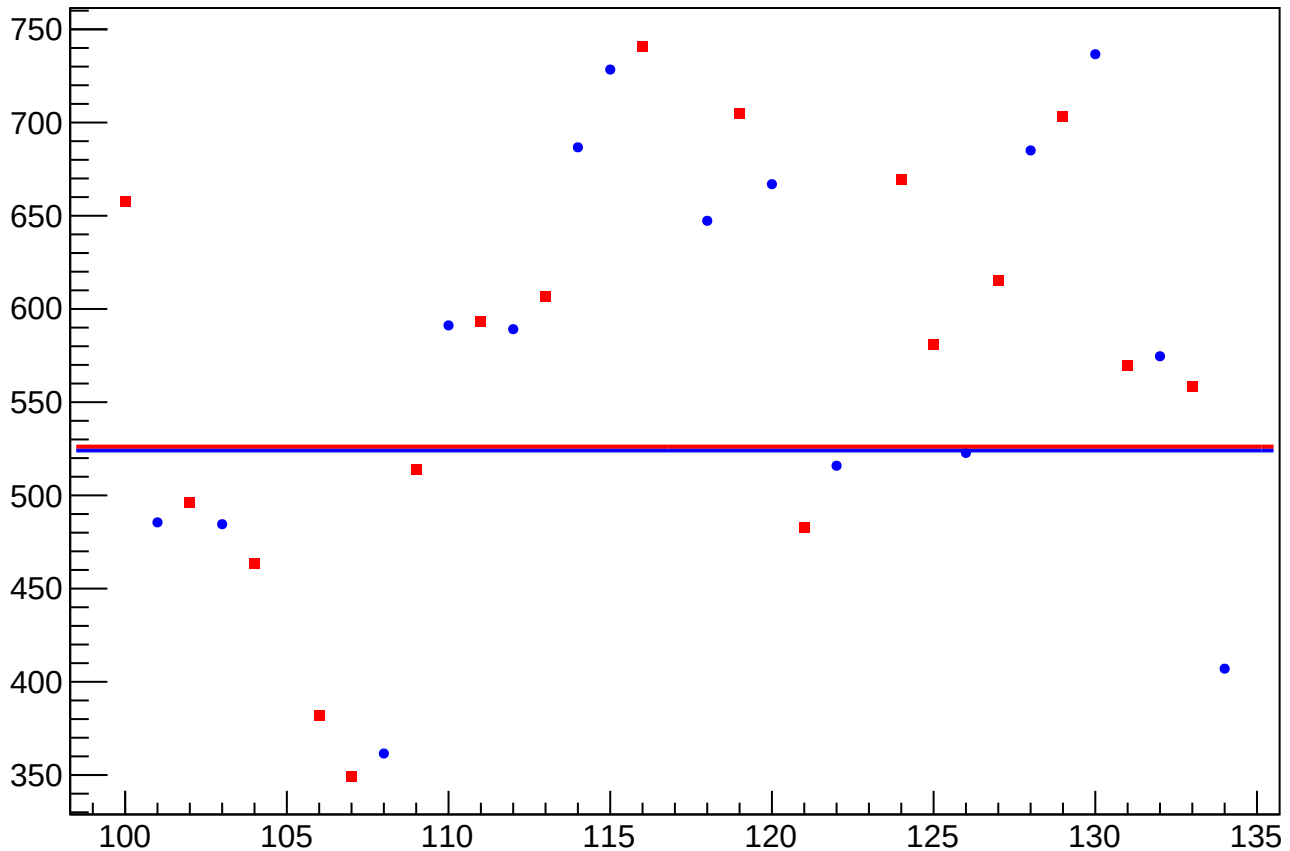
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -172.611 $\pm$ 148.170 χ^2 /NDF: 26.2/31

- 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+/-0.150 χ^2/NDF : 516207.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 526.156+/-0.146 χ^2/NDF : 496628.9/16

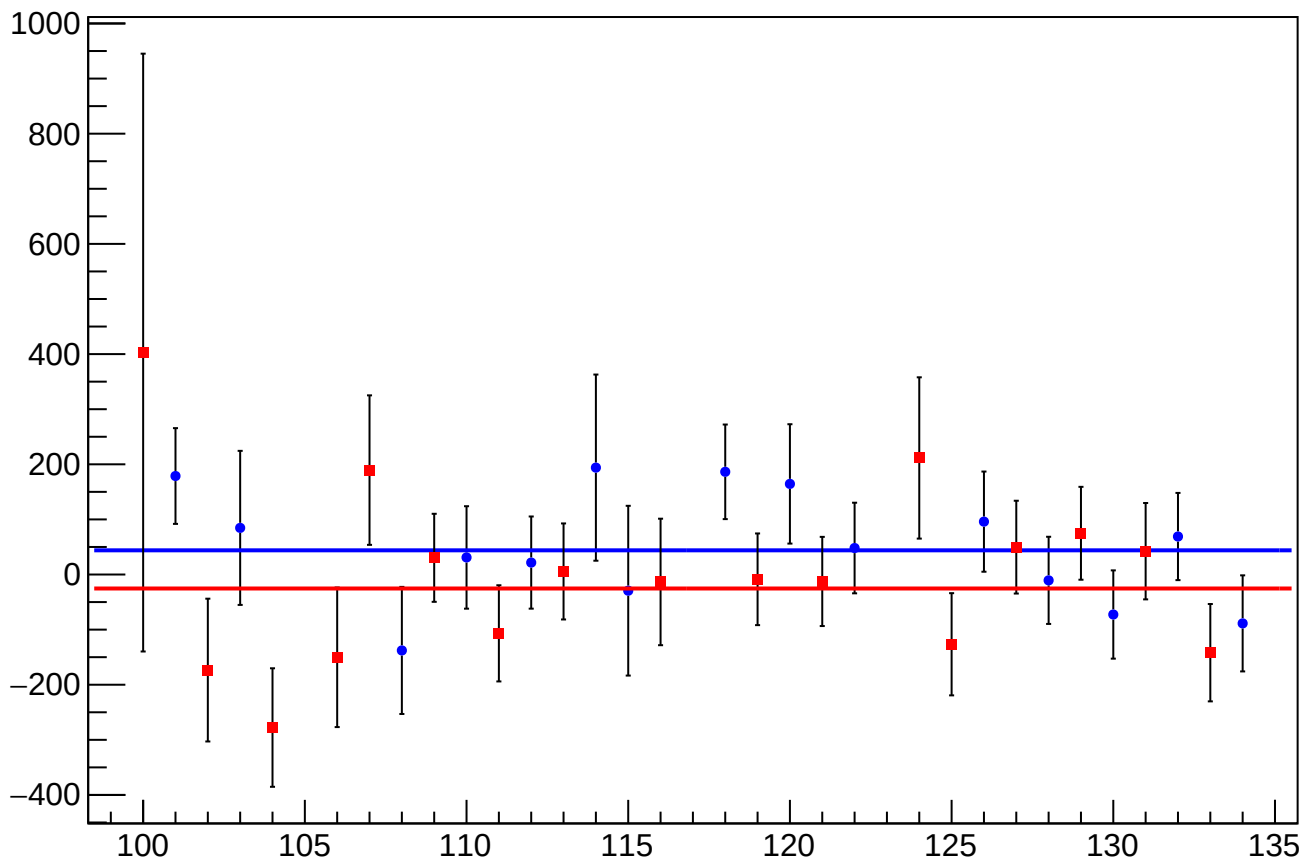
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 525.164+/-0.105 χ^2/NDF : 1012931.4/31

- sign 0.000+/-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: -25.371+/-23.817 χ^2/NDF : 20.8/16

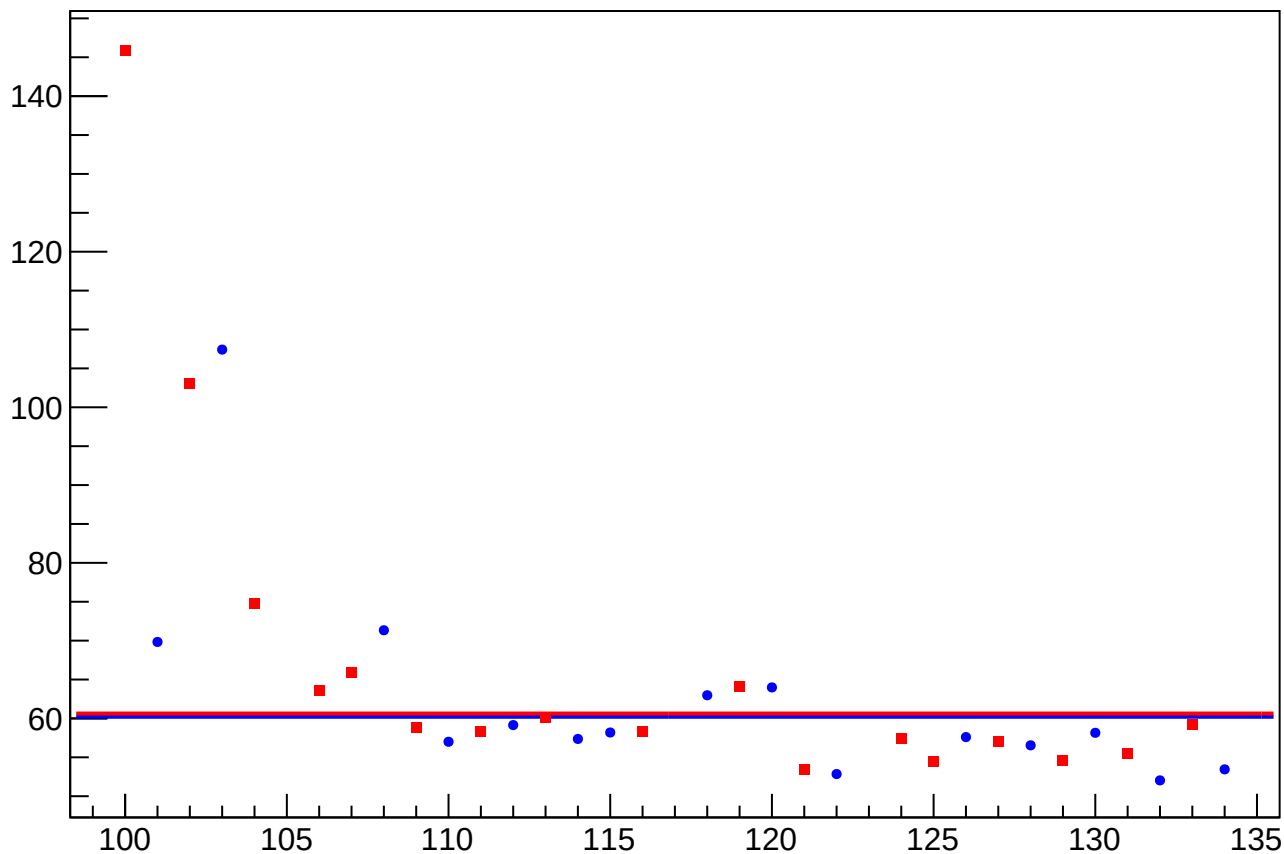
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.557+/-17.014 χ^2/NDF : 40.4/31

- 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: 60.628+/-0.017 χ^2/NDF : 357106.8/16

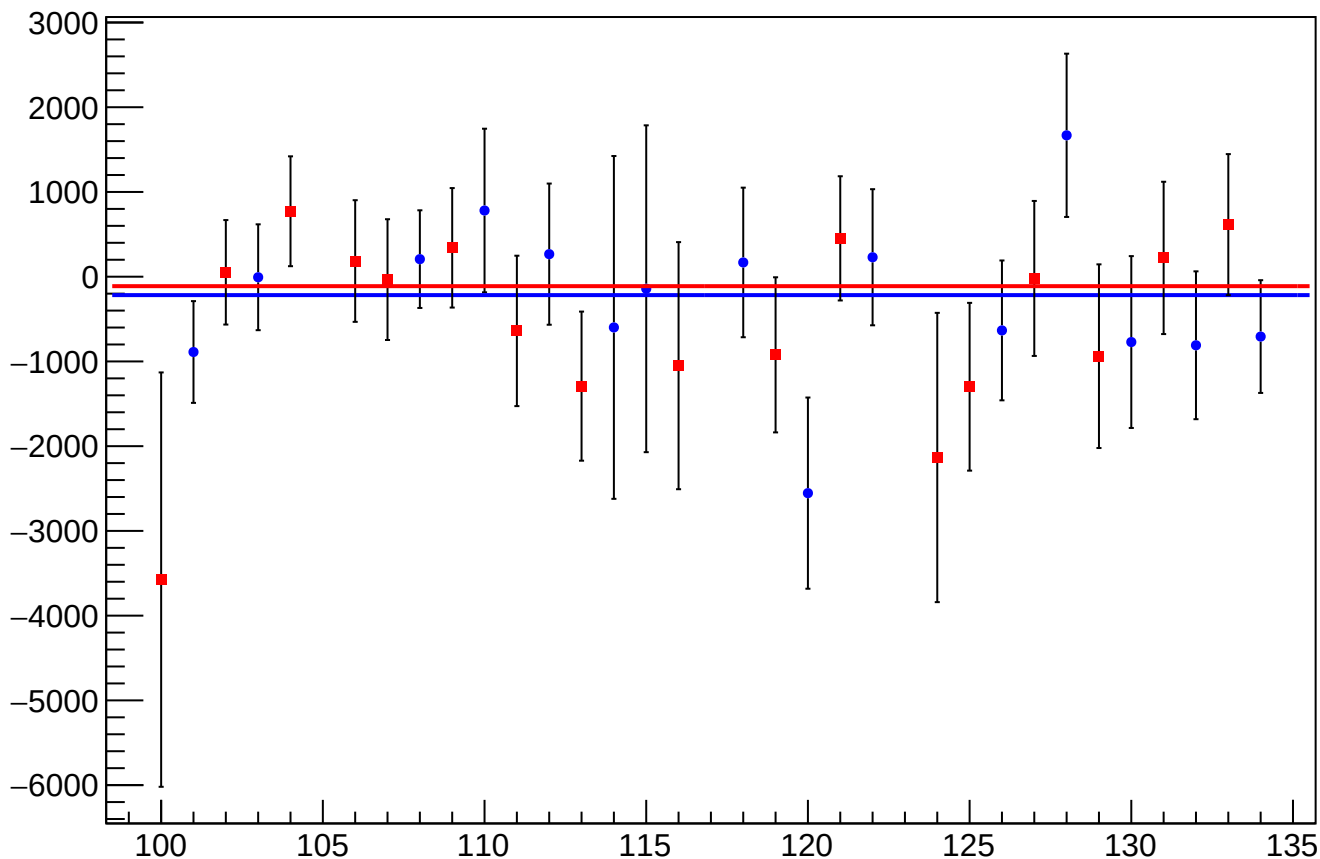
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.426+/-0.012 χ^2/NDF : 693420.2/31

- 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 $\pm$ 212.782 χ^2 /NDF: 13.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -111.730 $\pm$ 207.262 χ^2 /NDF: 12.8/16

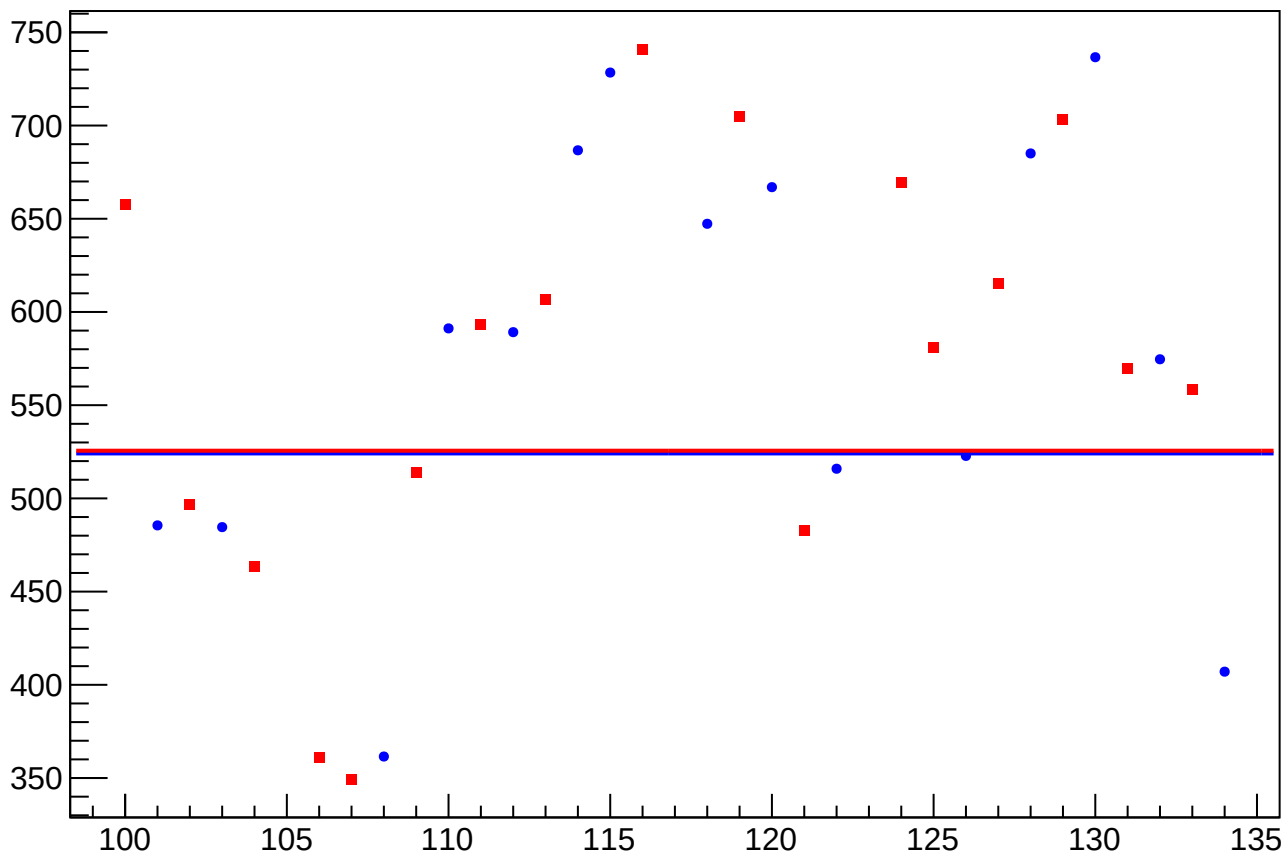
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -163.143 $\pm$ 148.469 χ^2 /NDF: 26.5/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_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: 525.579 $\pm$ 0.147 χ^2 /NDF: 514177.5/16

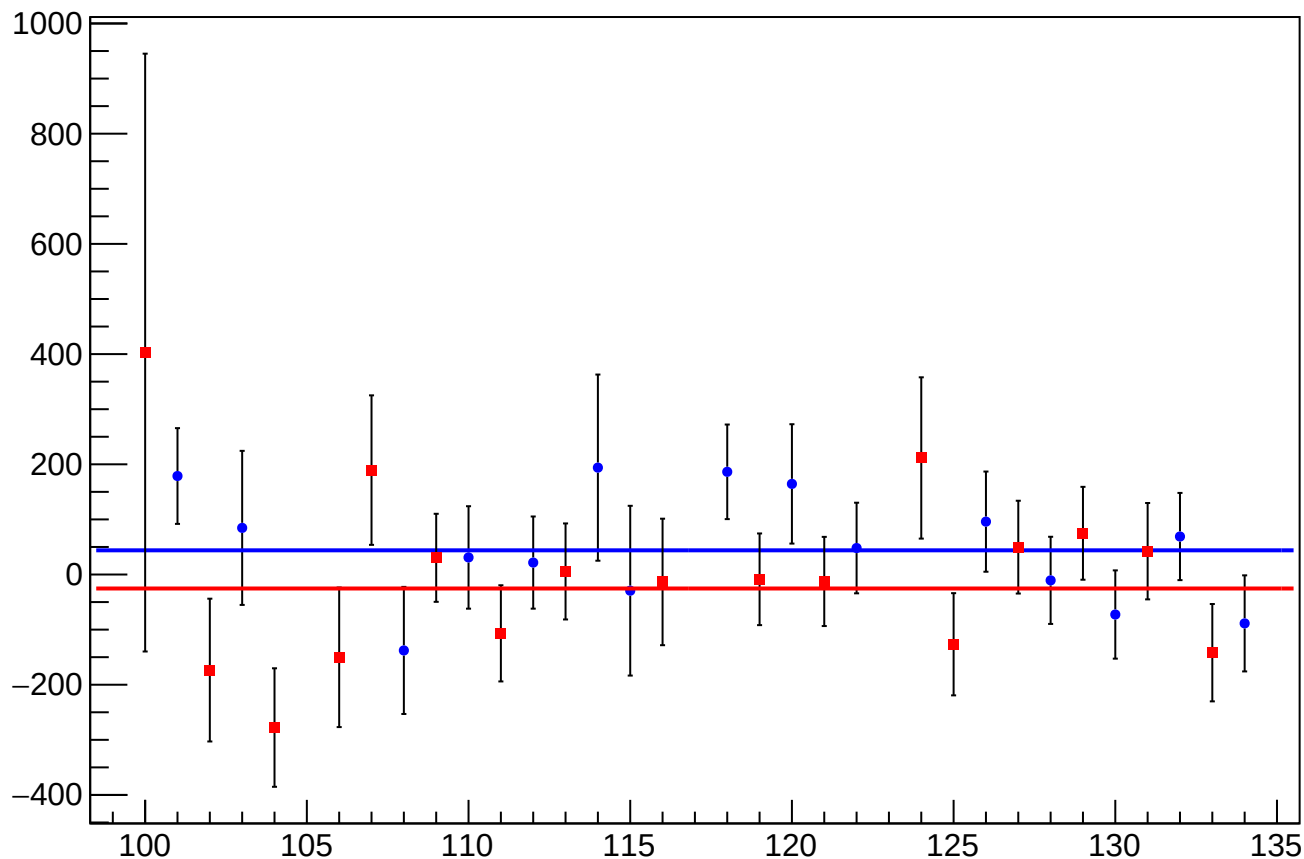
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 524.866 $\pm$ 0.105 χ^2 /NDF: 1030417.0/31

- sign 0.000 $\pm$ 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: -25.371+/-23.817 χ^2/NDF : 20.8/16

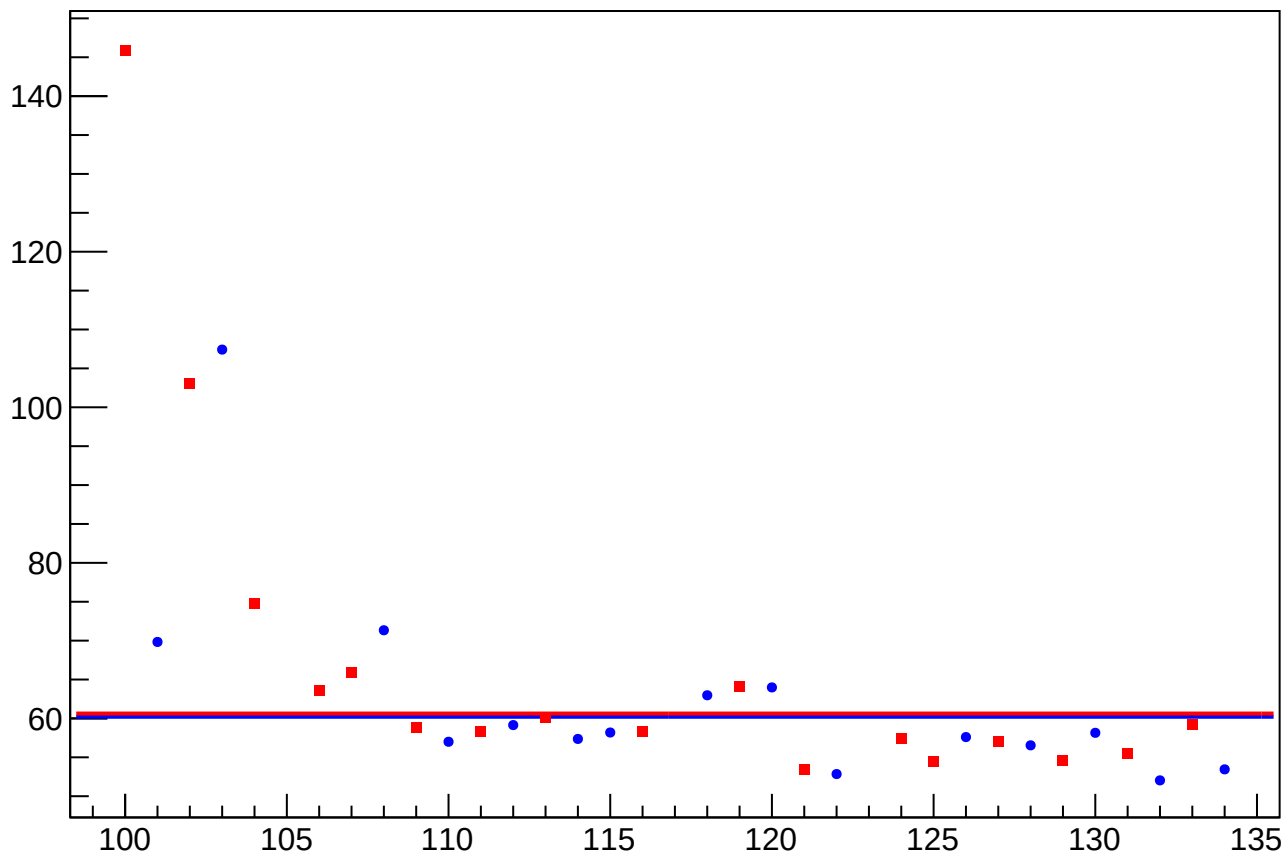
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.557+/-17.014 χ^2/NDF : 40.4/31

- 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+/-0.017 χ^2 /NDF: 336019.0/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 60.628+/-0.017 χ^2 /NDF: 357106.8/16

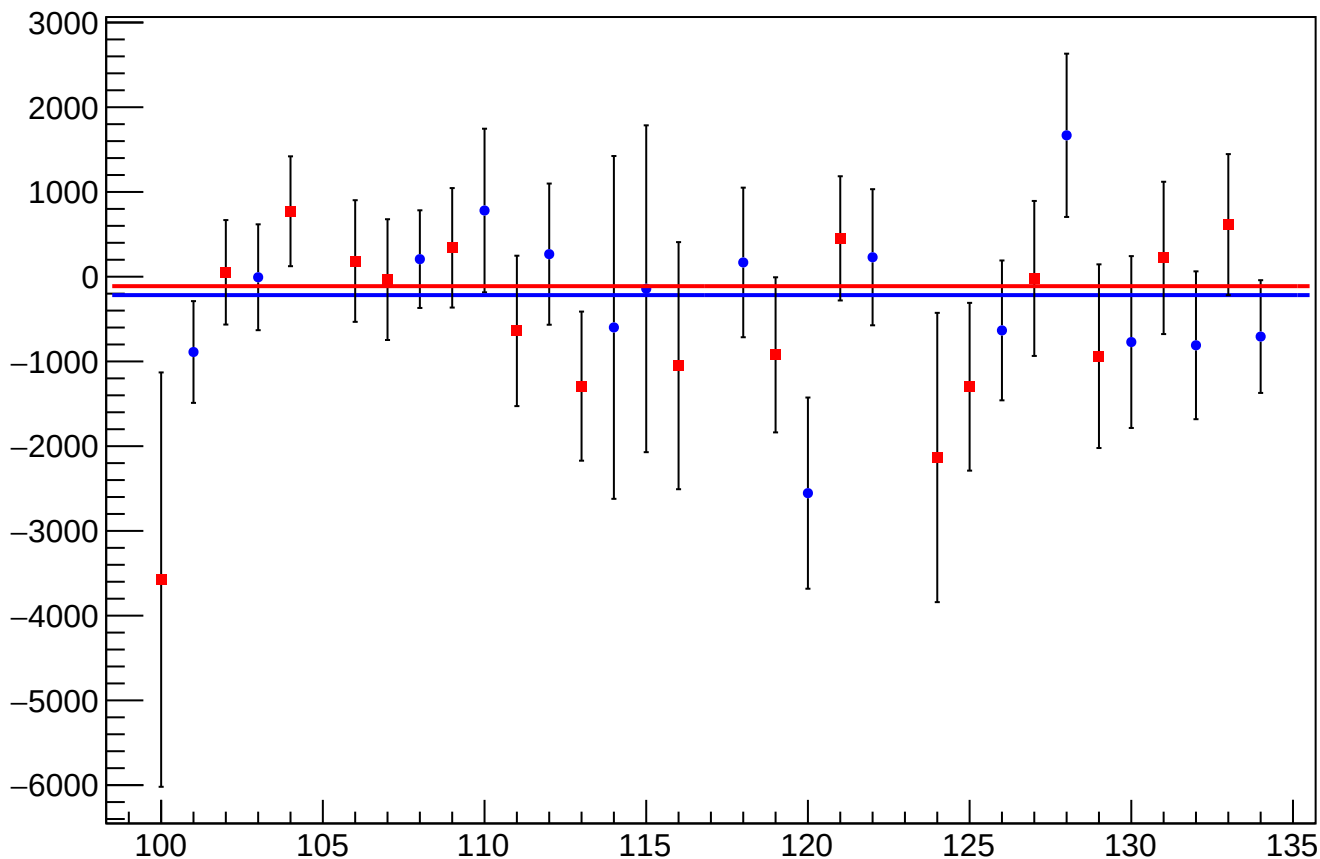
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 60.426+/-0.012 χ^2 /NDF: 693420.2/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_cor_correction_mean vs Slug



Right In: -217.331 $\pm$ 212.782 χ^2 /NDF: 13.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -111.730 $\pm$ 207.262 χ^2 /NDF: 12.8/16

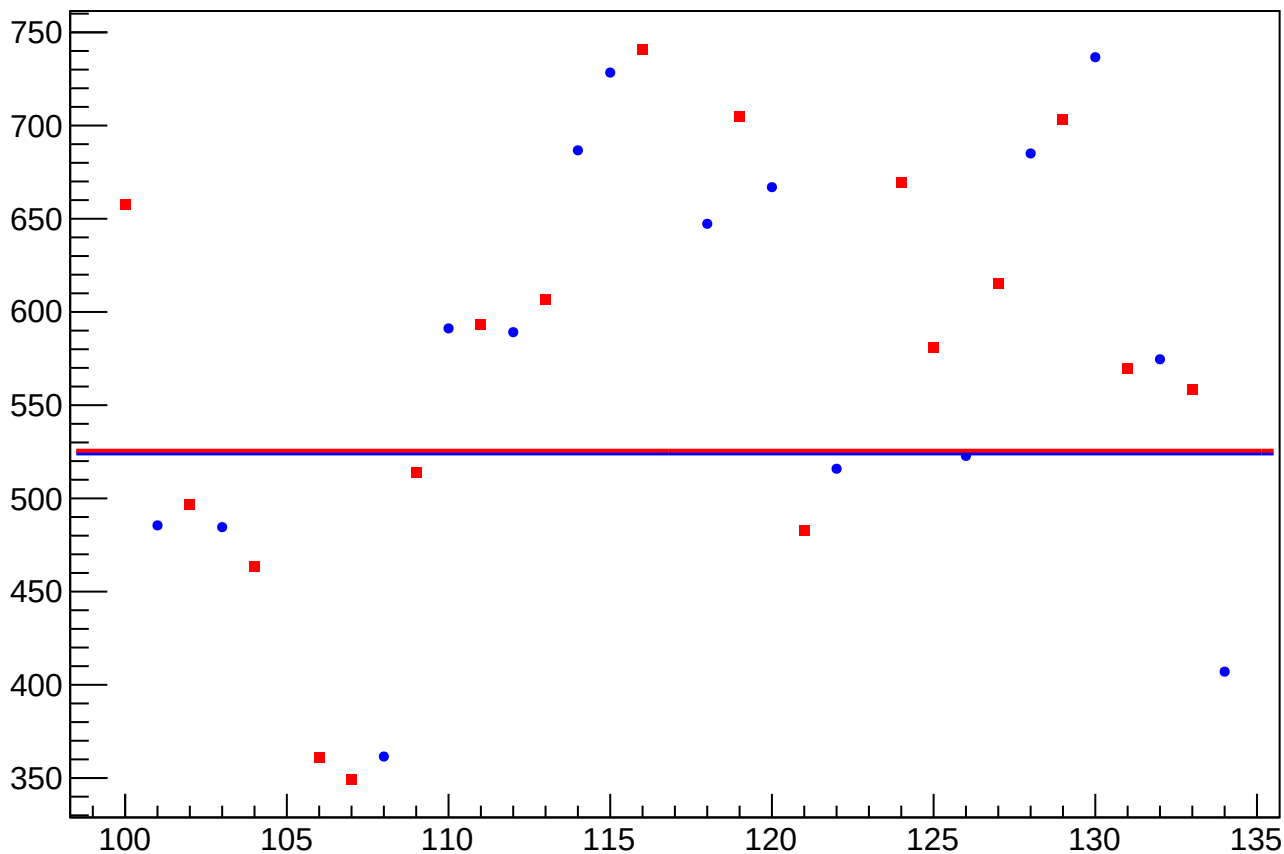
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -163.143 $\pm$ 148.469 χ^2 /NDF: 26.5/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_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: 525.579+/-0.147 χ^2/NDF : 514177.5/16

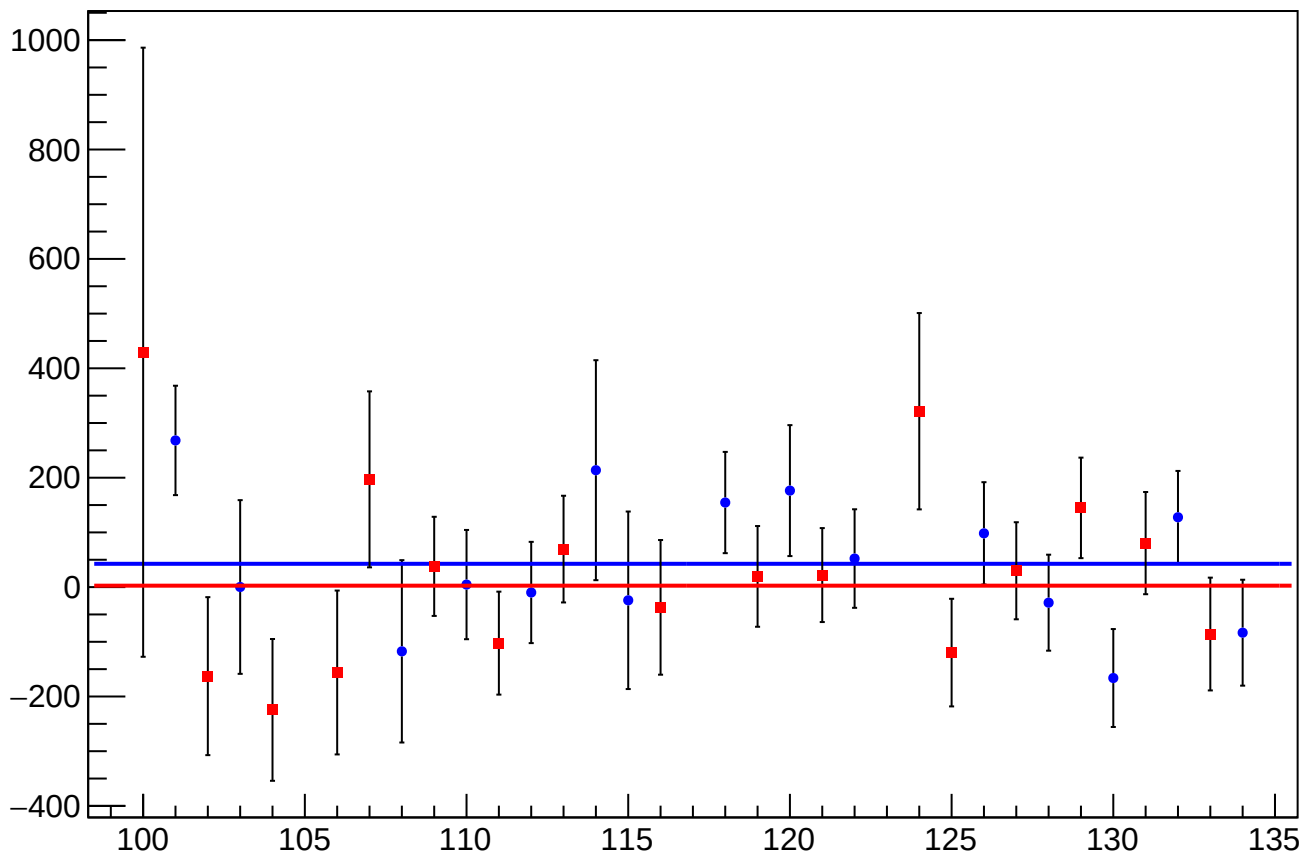
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.866+/-0.105 χ^2/NDF : 1030417.0/31

- sign 0.000+/-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: 2.617 $\pm$ 26.337 χ^2 /NDF: 18.2/16

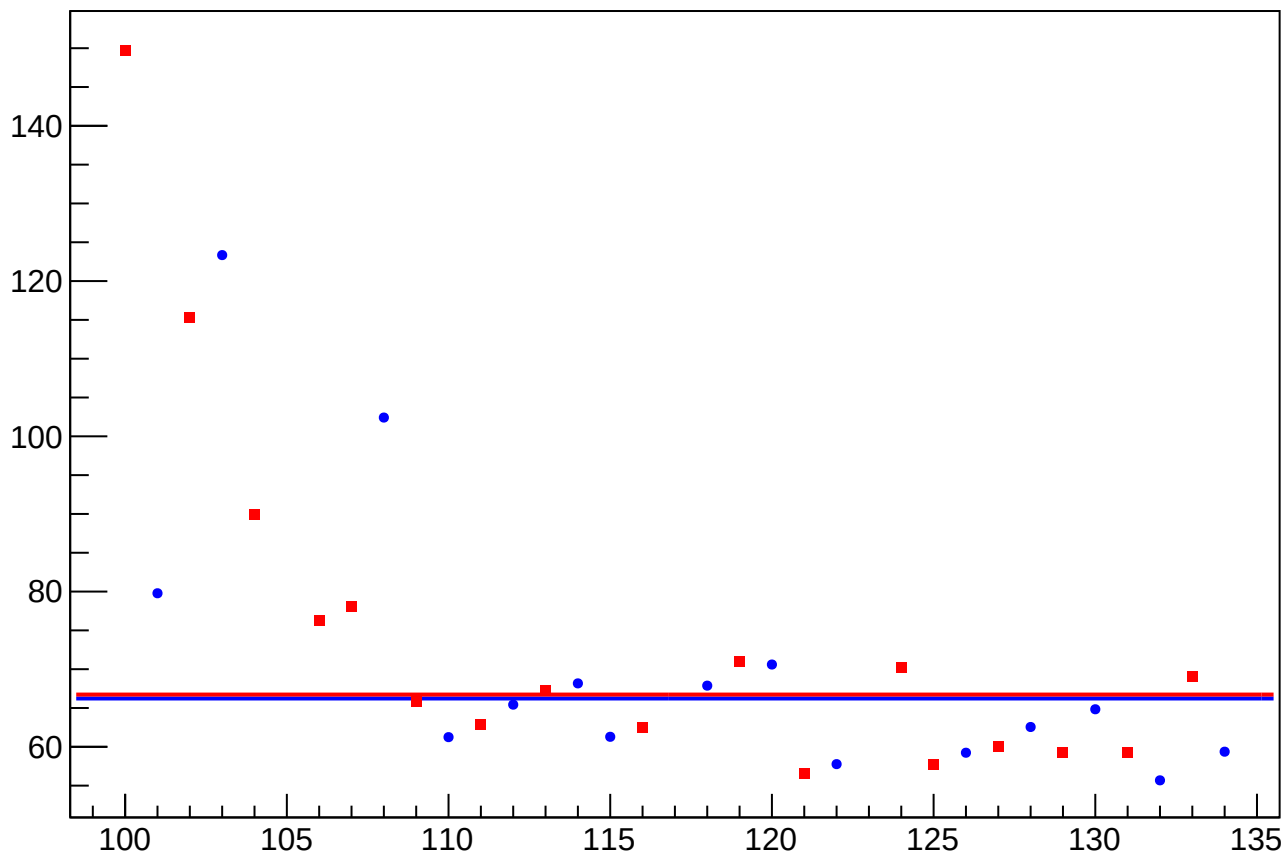
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.173 $\pm$ 18.825 χ^2 /NDF: 38.7/31

- 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: 66.731+/-0.019 χ^2/NDF : 446856.0/16

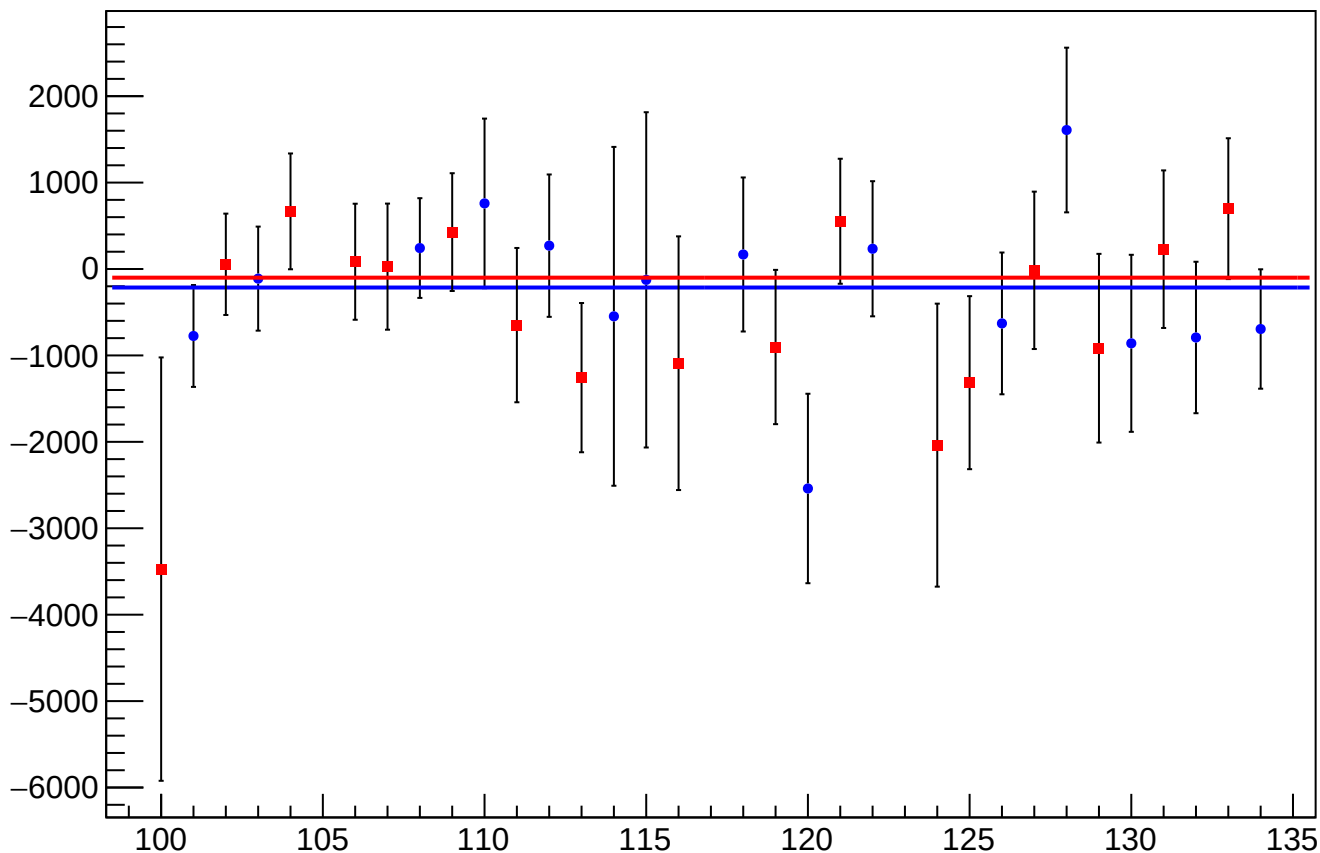
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.483+/-0.013 χ^2/NDF : 921329.7/31

- 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: -100.120 ± 204.530 χ^2/NDF : 12.8/16

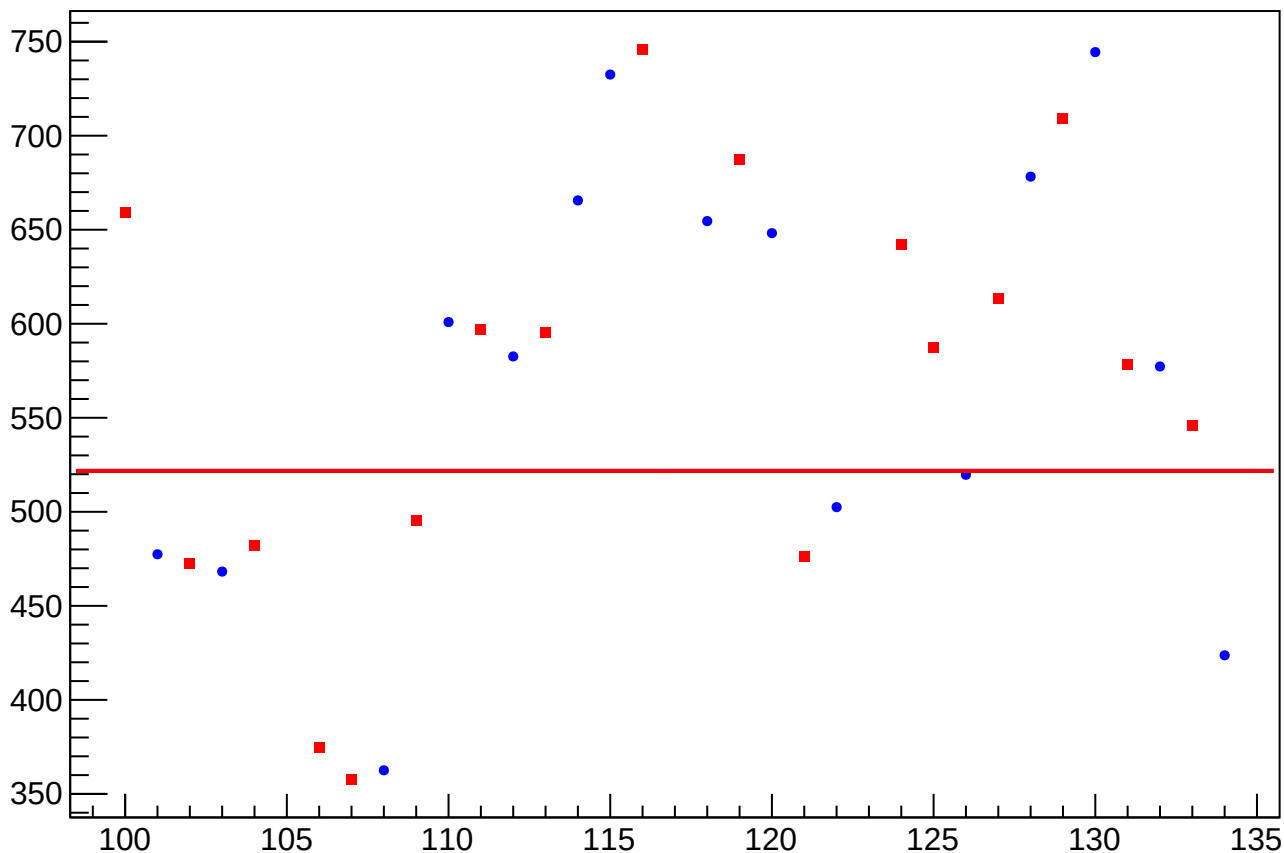
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -155.275 ± 147.042 χ^2/NDF : 26.1/31

- 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

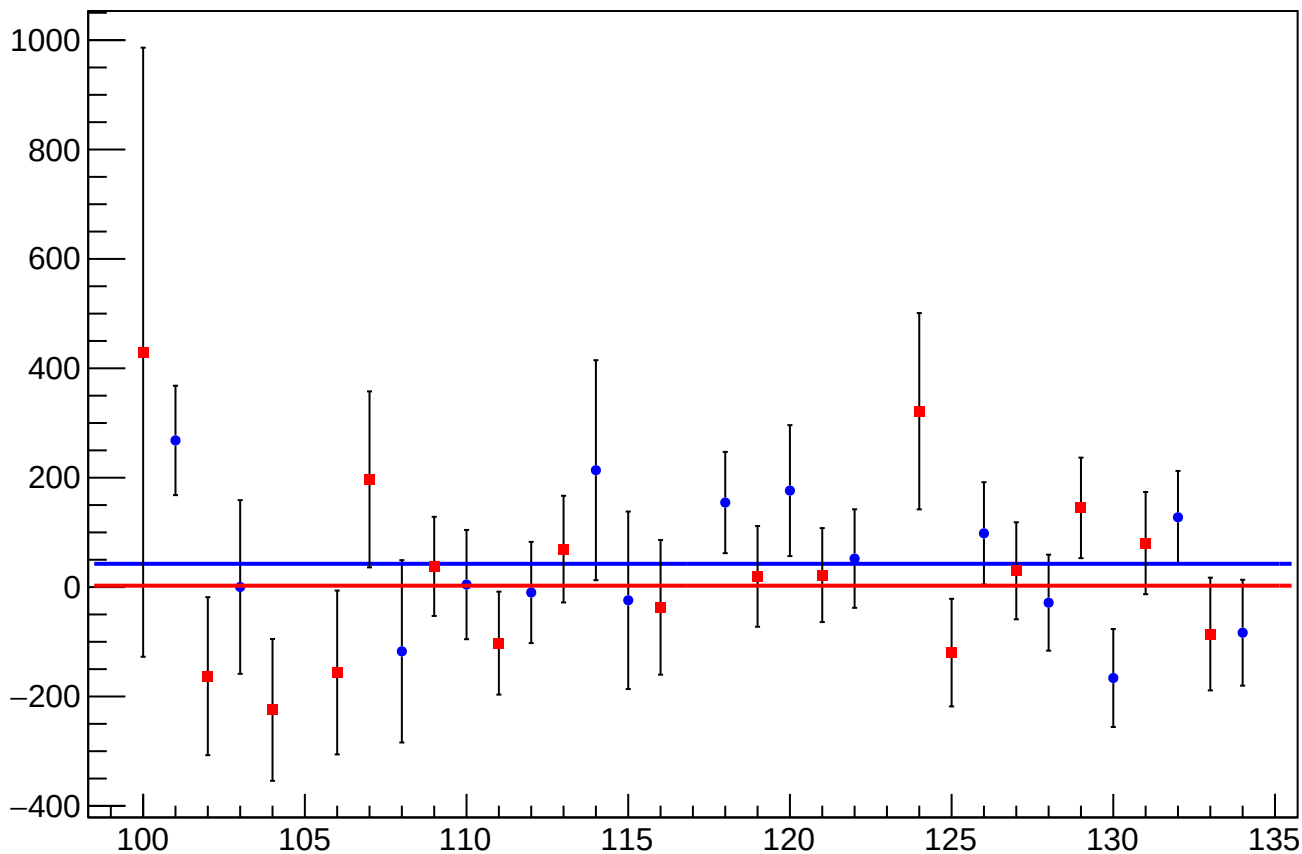
Right Out: 521.720+/-0.145 χ^2/NDF : 487728.2/16

All: 521.763+/-0.104 χ^2/NDF : 994473.3/31

- 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_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: 2.618 $\pm$ 26.337 χ^2 /NDF: 18.2/16

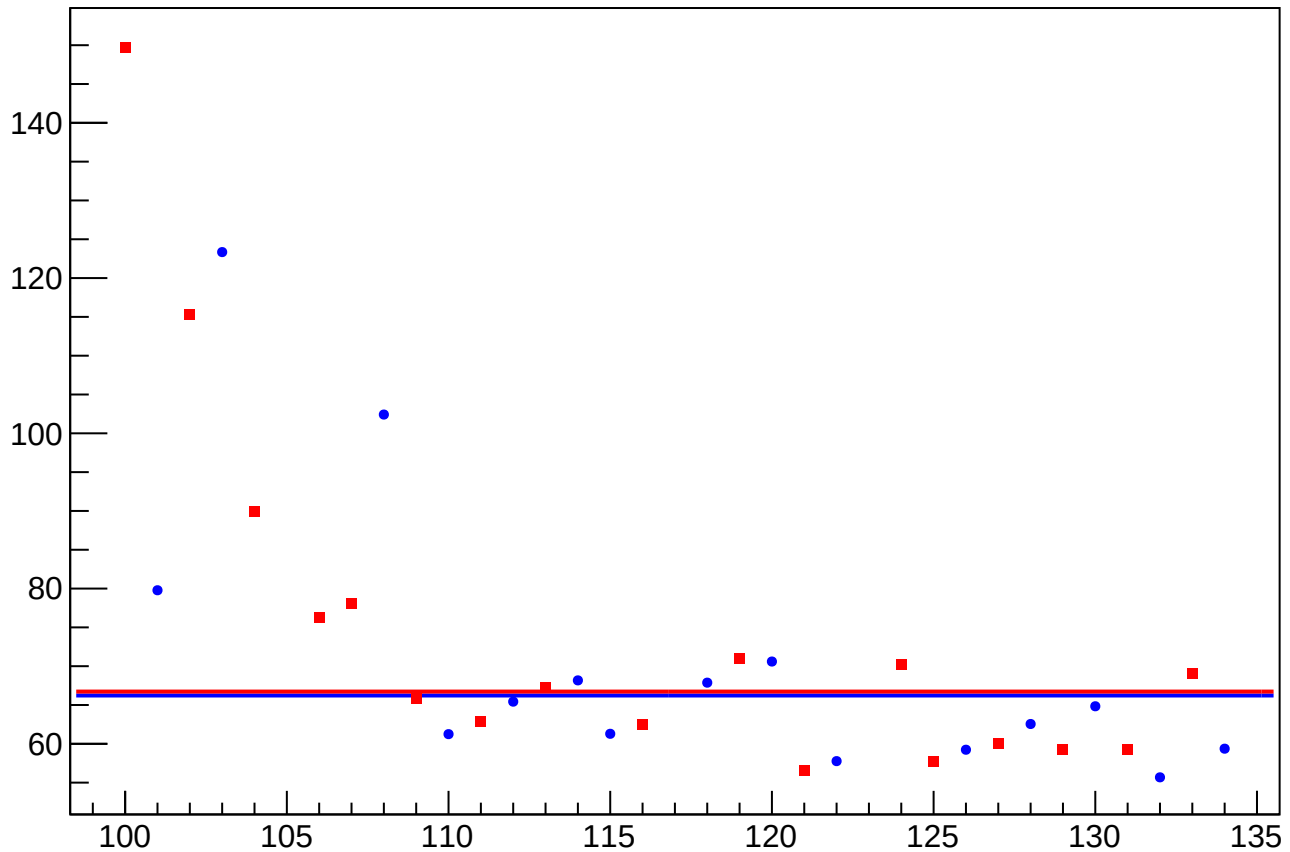
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.173 $\pm$ 18.825 χ^2 /NDF: 38.7/31

- 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: 66.731+/-0.019 χ^2/NDF : 446857.2/16

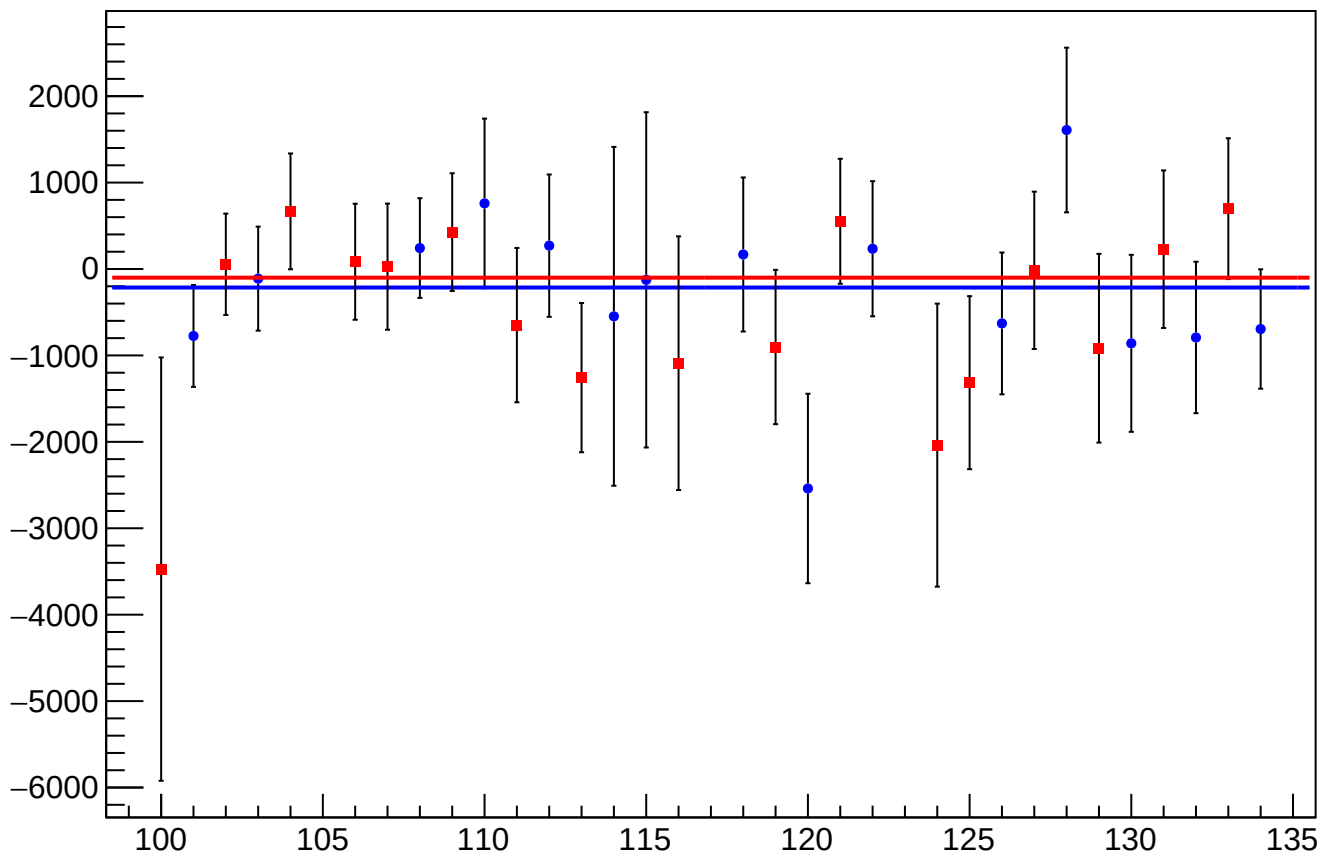
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.483+/-0.013 χ^2/NDF : 921333.4/31

- 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 $\pm$ 211.546 χ^2 /NDF: 13.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -100.119 $\pm$ 204.530 χ^2 /NDF: 12.8/16

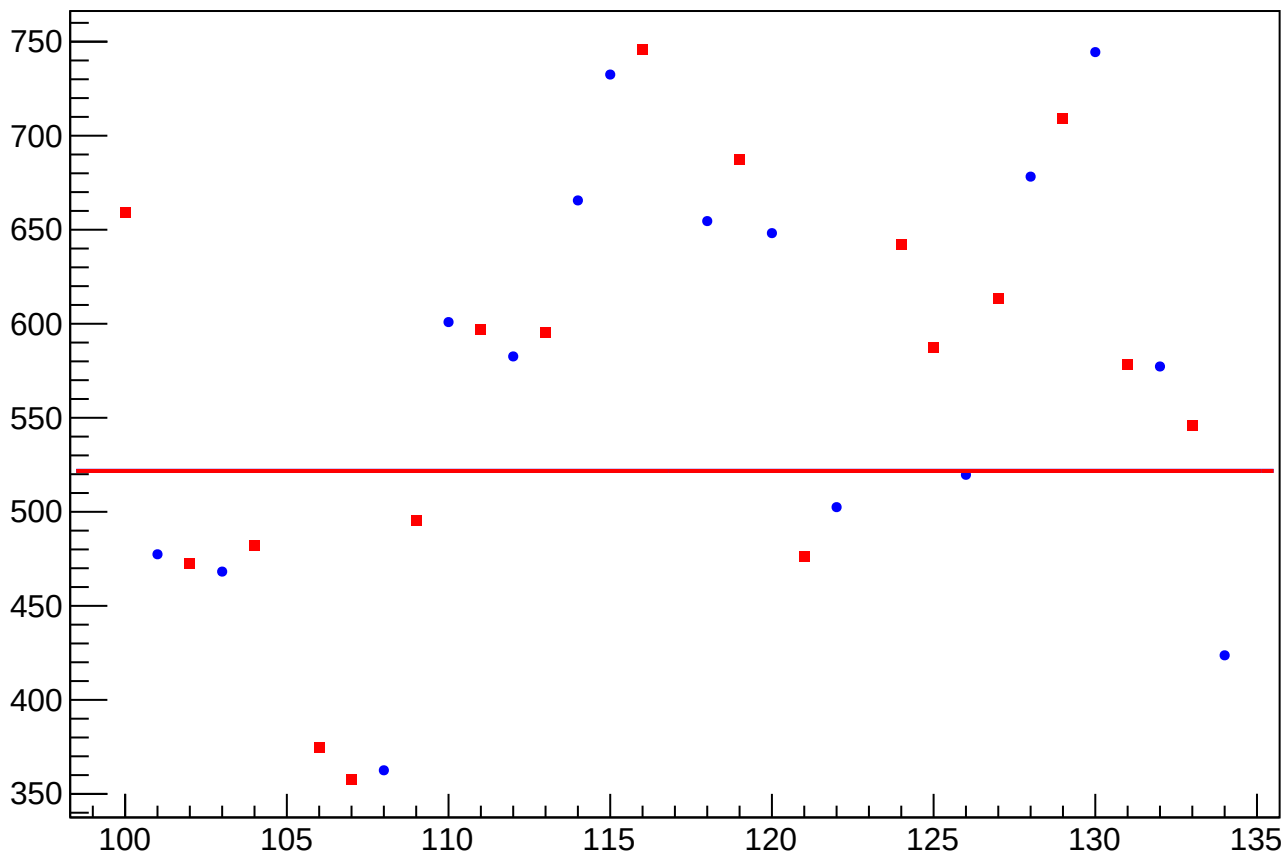
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -155.274 $\pm$ 147.042 χ^2 /NDF: 26.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_dit_correction_rms vs Slug



Right In: 521.809 $\pm$ 0.150 χ^2 /NDF: 506747.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 521.719 $\pm$ 0.145 χ^2 /NDF: 487730.2/16

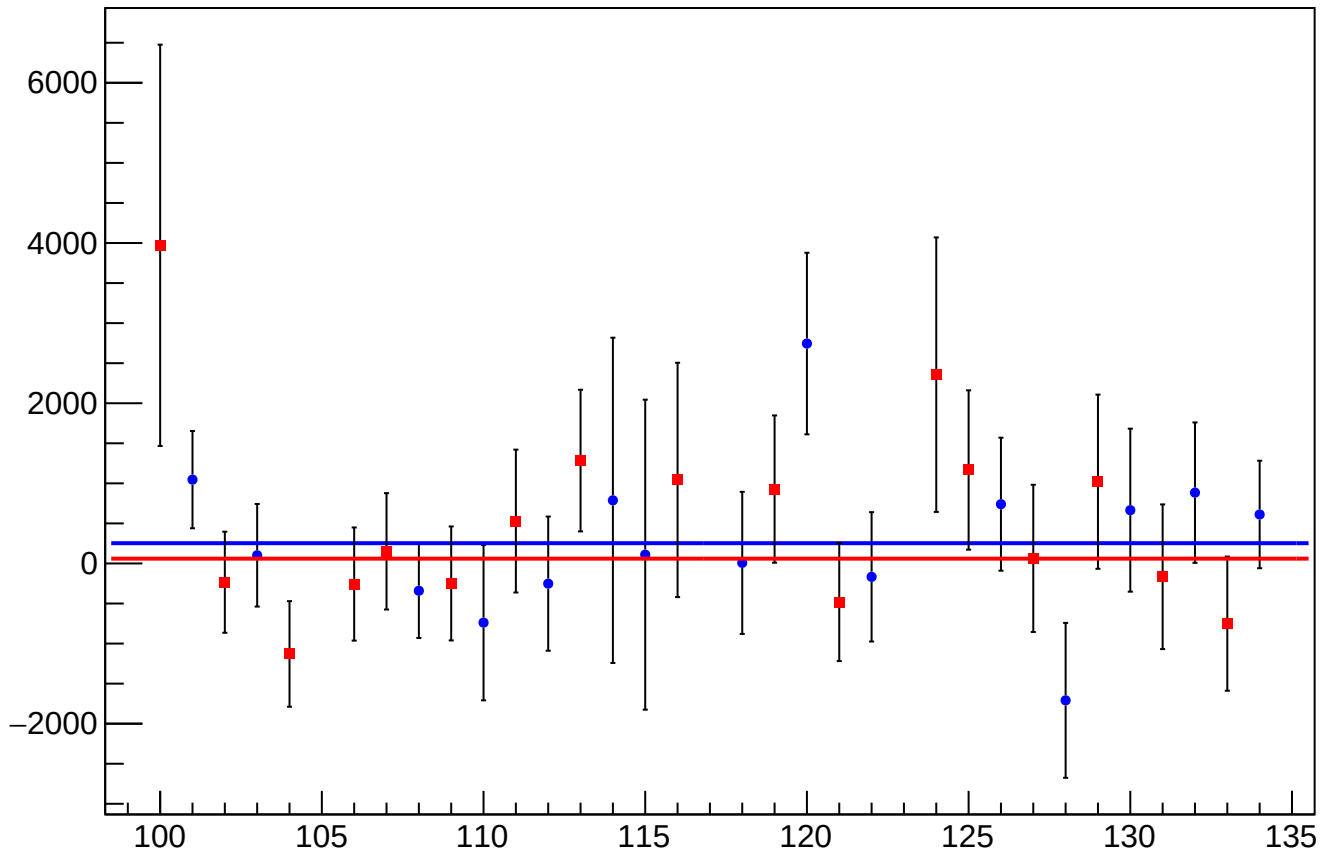
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 521.762 $\pm$ 0.104 χ^2 /NDF: 994477.5/31

- sign 0.000 $\pm$ 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: 60.206 $\pm$ 208.905 χ^2 /NDF: 15.2/16

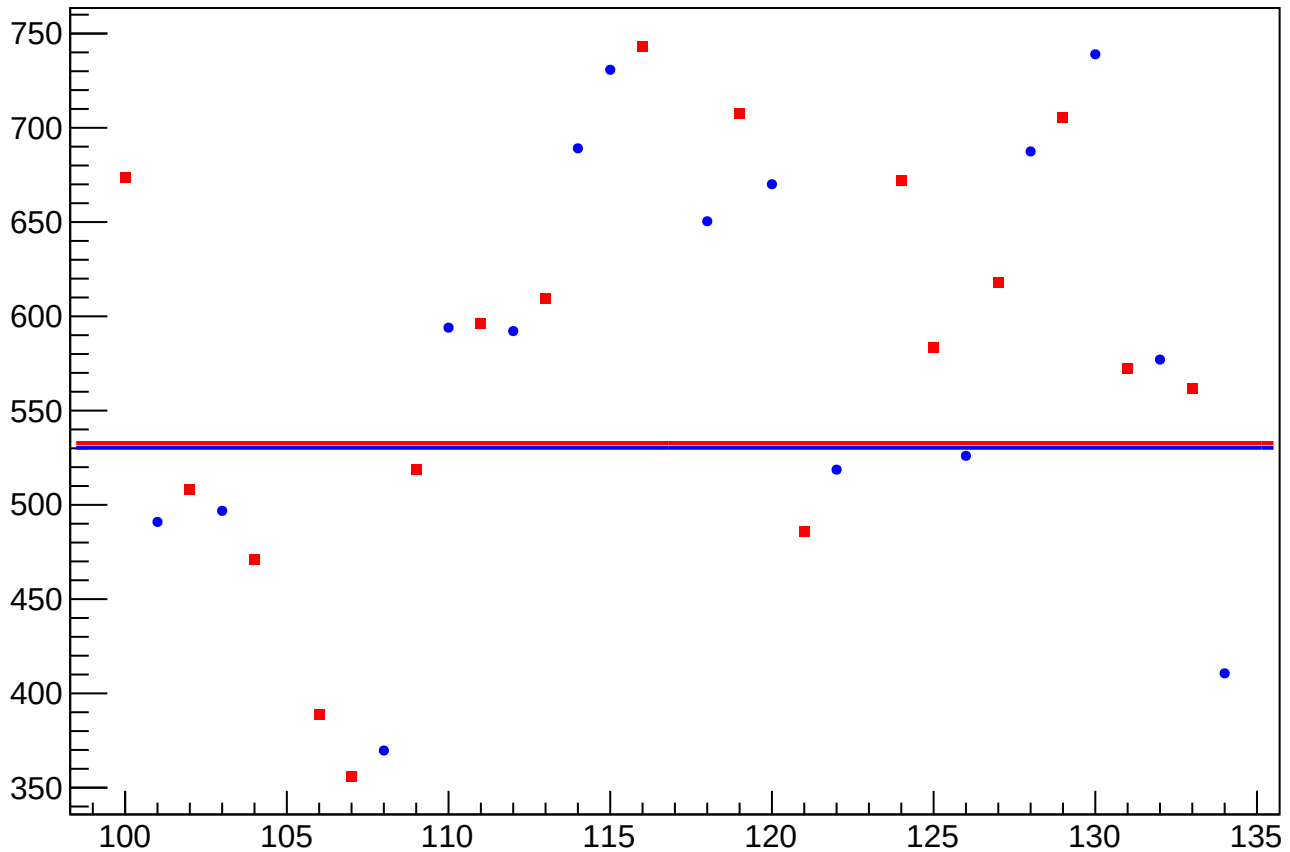
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 153.835 $\pm$ 149.845 χ^2 /NDF: 30.5/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_rms vs Slug



Right In: 530.287+/-0.152 χ^2/NDF : 489547.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 532.802+/-0.148 χ^2/NDF : 469001.6/16

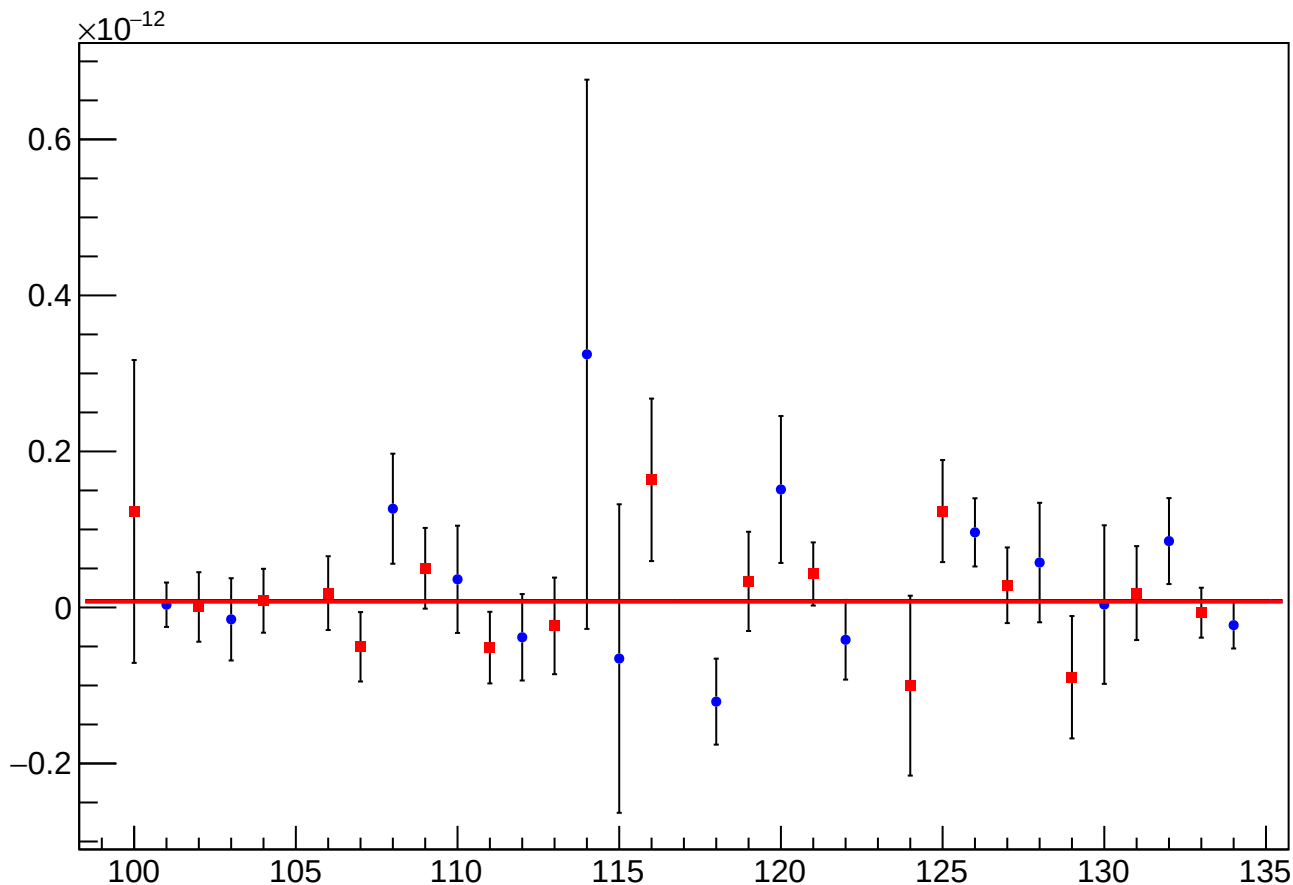
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 531.581+/-0.106 χ^2/NDF : 958689.4/31

- sign 0.000+/-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: 13.9/16

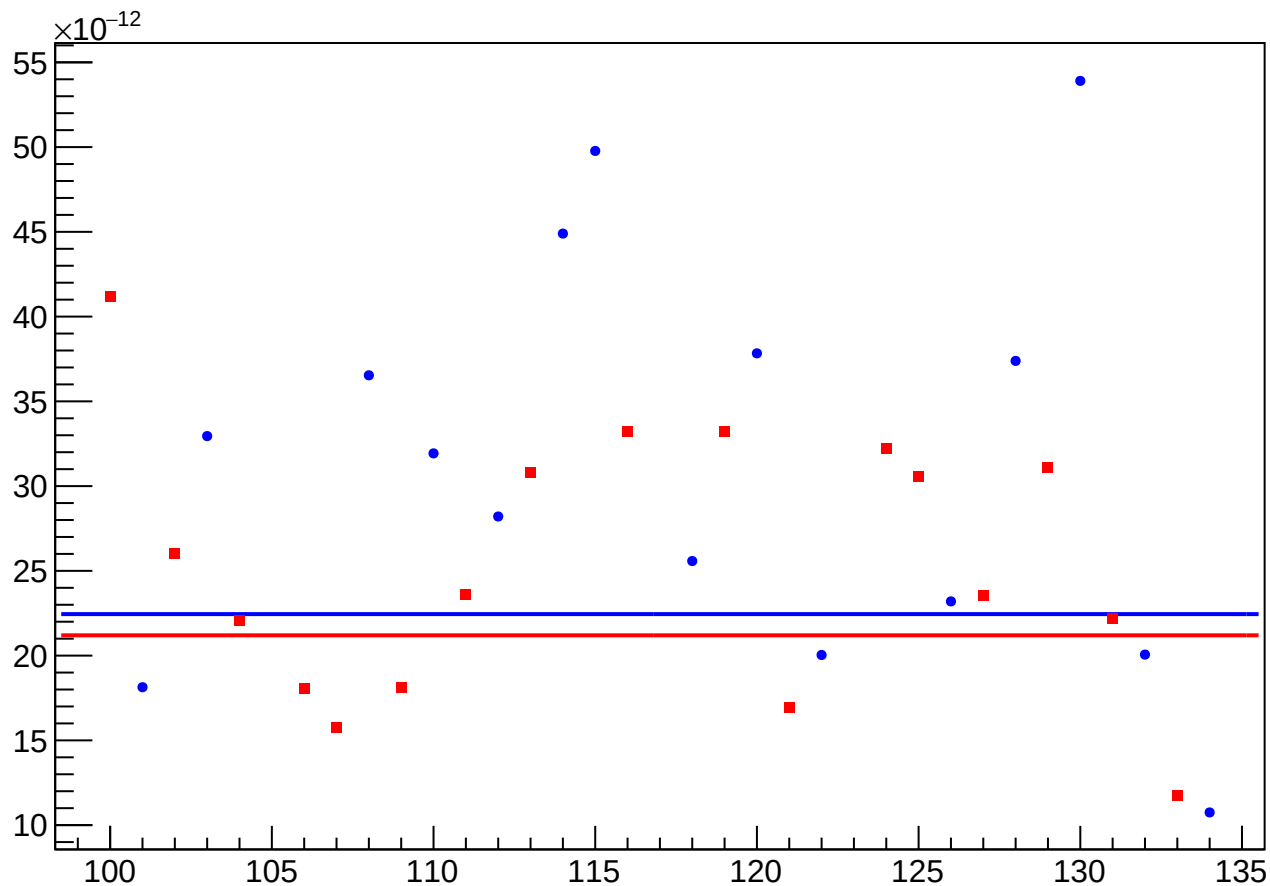
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 34.9/31

- 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 $\pm$ 0.000 χ^2 /NDF: 953472.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 534630.6/16

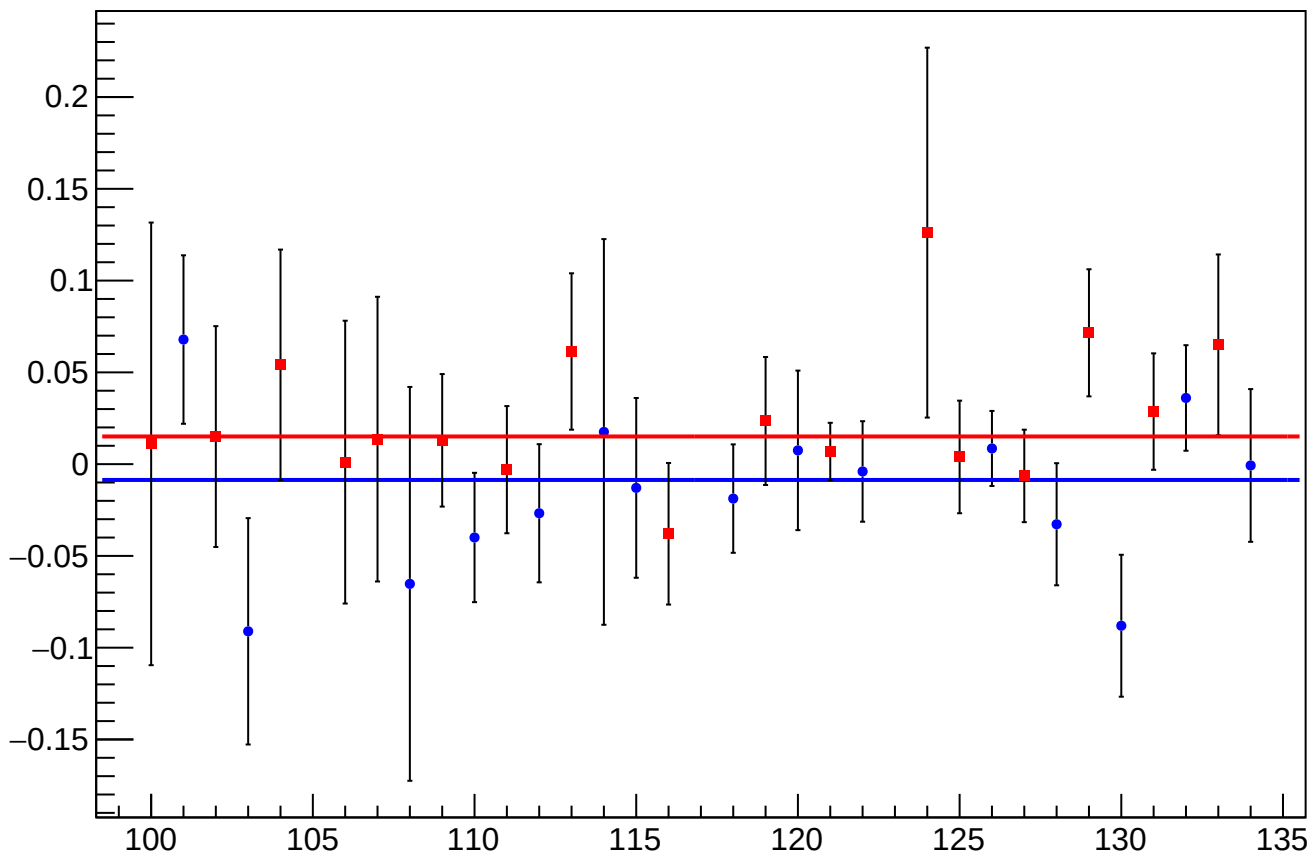
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1497224.4/31

- sign 0.000 $\pm$ 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 $\pm$ 0.009 χ^2 /NDF: 10.0/16

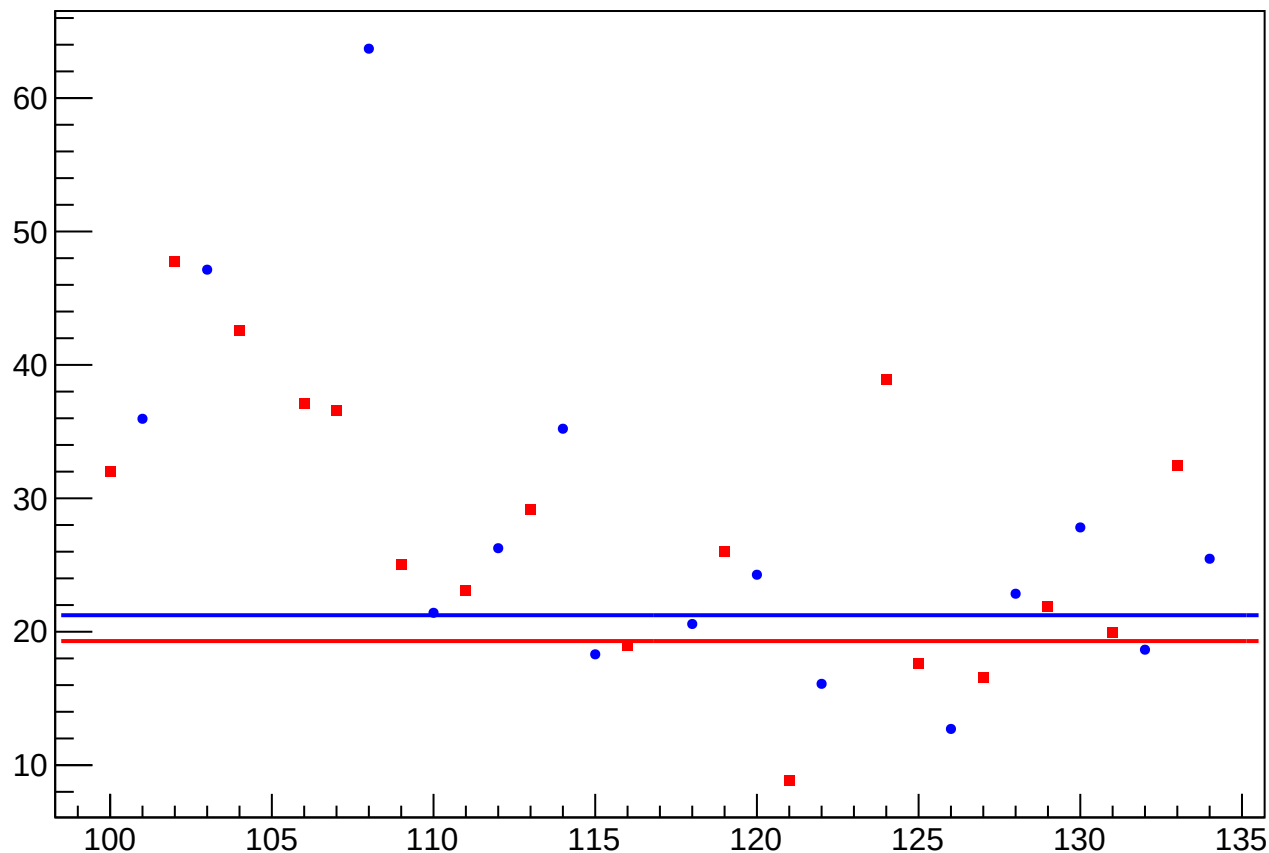
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.006 χ^2 /NDF: 27.7/31

- 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+/-0.007 χ^2/NDF : 1478630.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.301+/-0.006 χ^2/NDF : 2363870.0/16

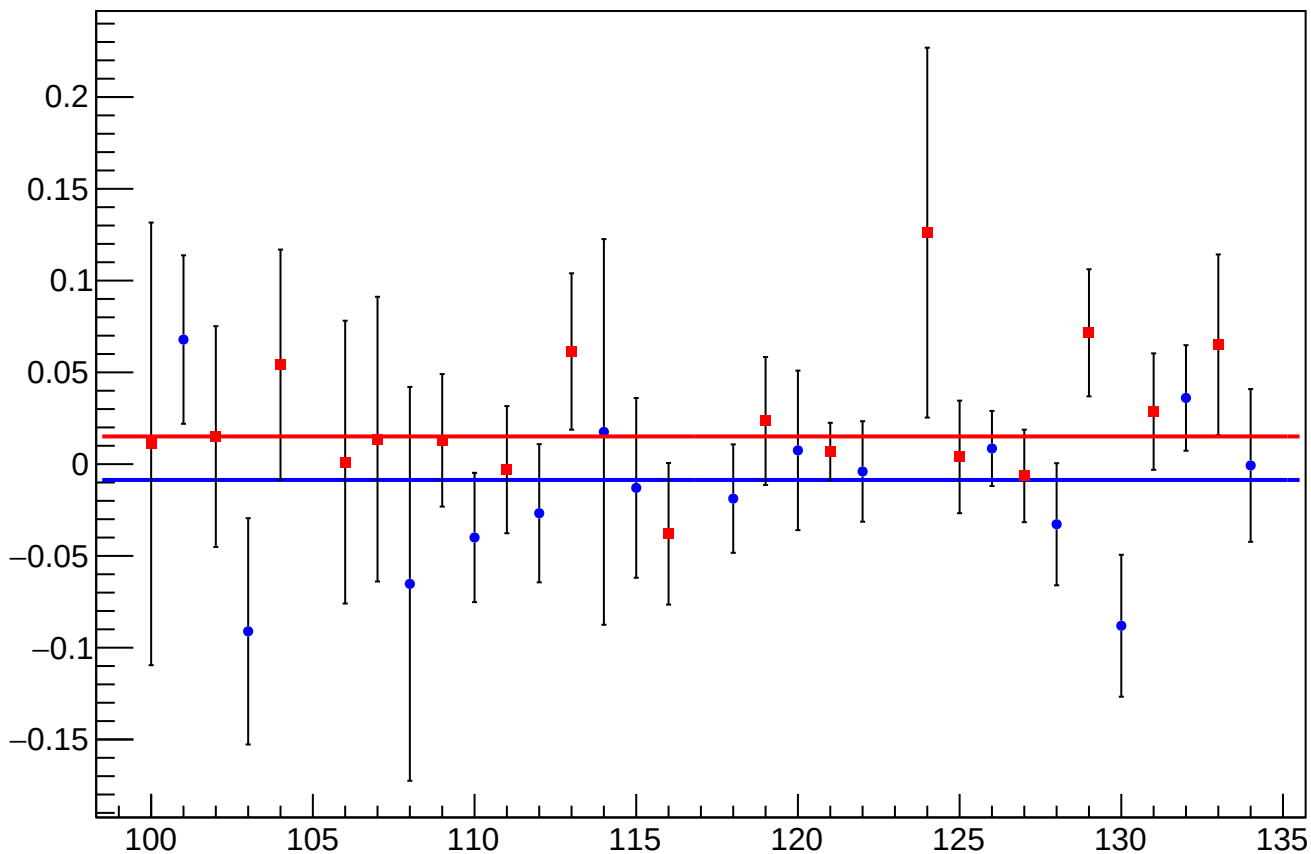
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.191+/-0.004 χ^2/NDF : 3889555.1/31

- sign 0.000+/-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 $\pm$ 0.009 χ^2 /NDF: 10.0/16

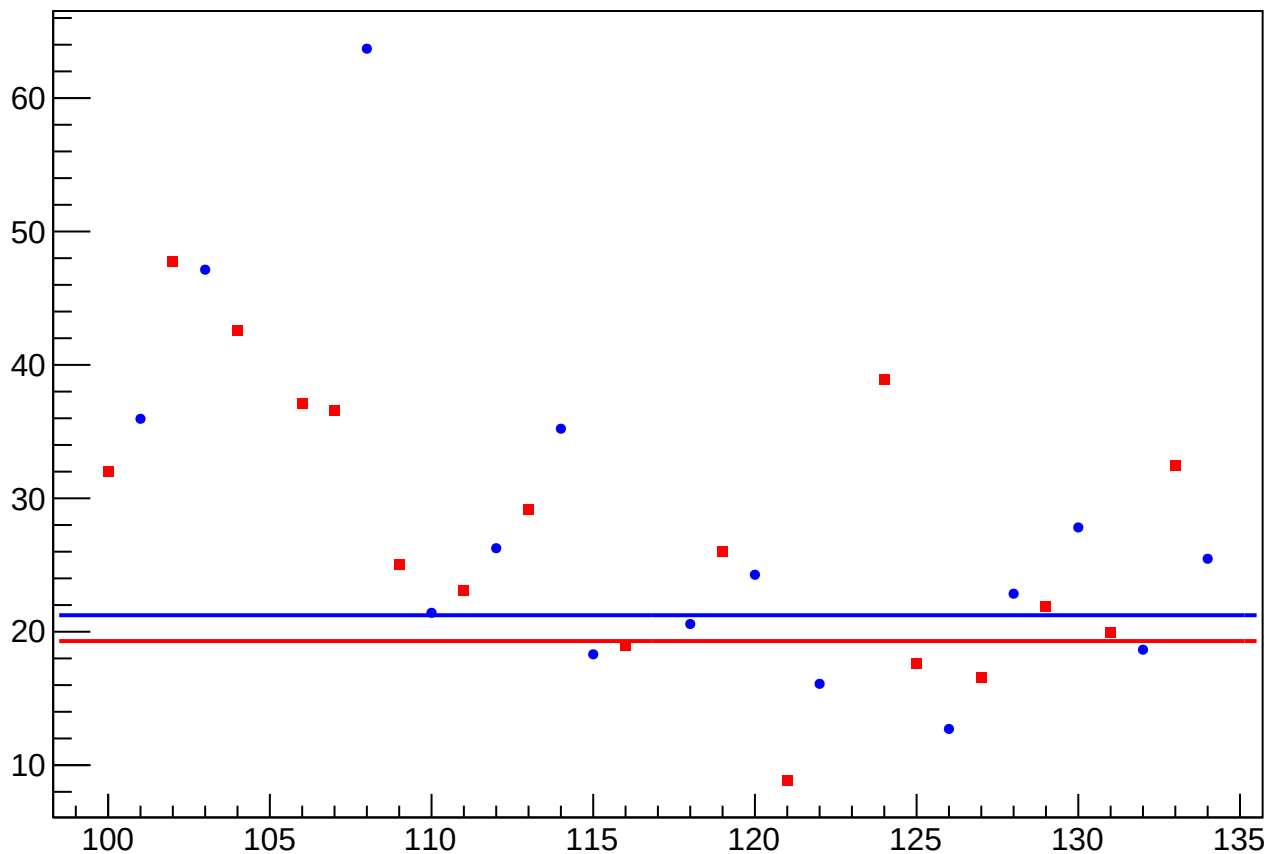
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.006 χ^2 /NDF: 27.7/31

- 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: 19.301+/-0.006 χ^2/NDF : 2363870.0/16

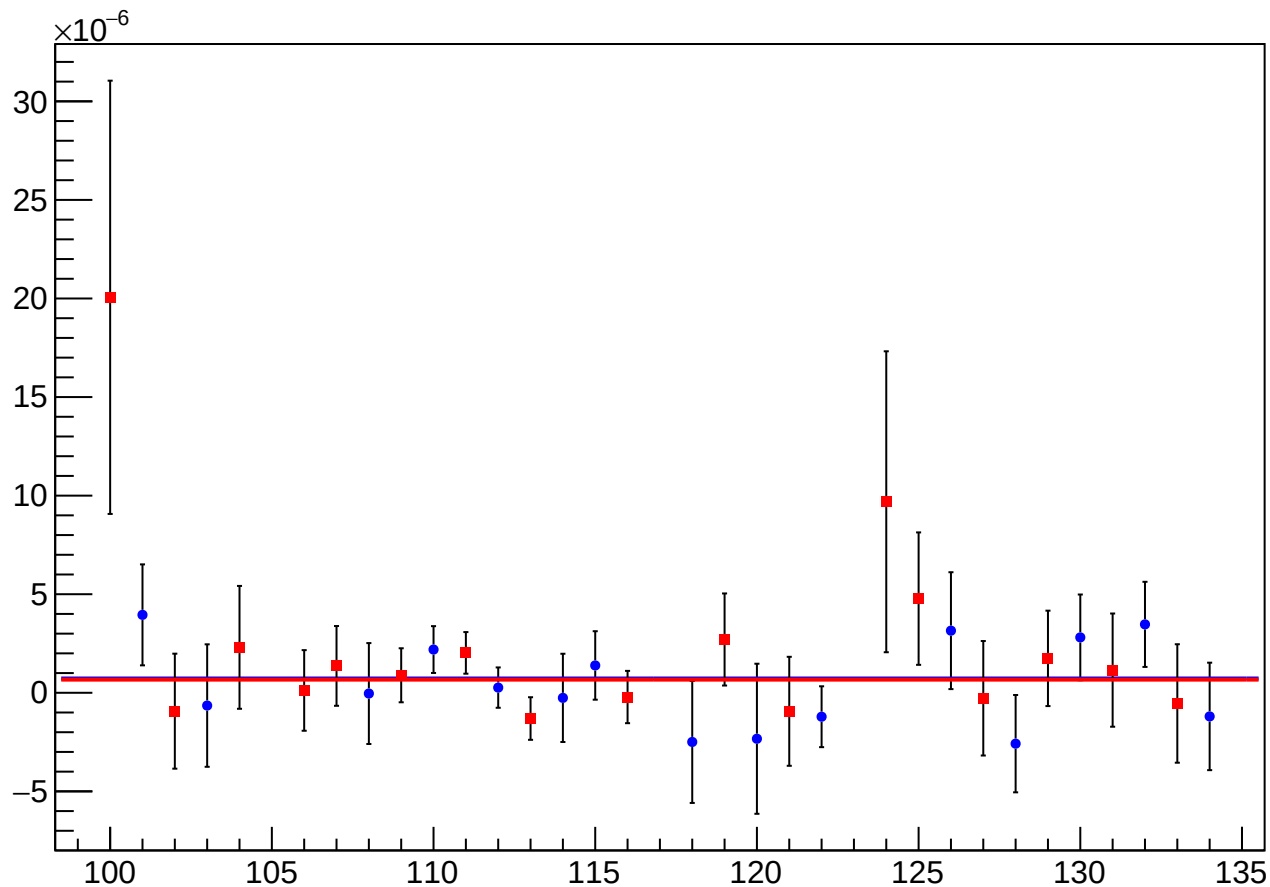
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.191+/-0.004 χ^2/NDF : 3889555.1/31

- 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: 13.8/16

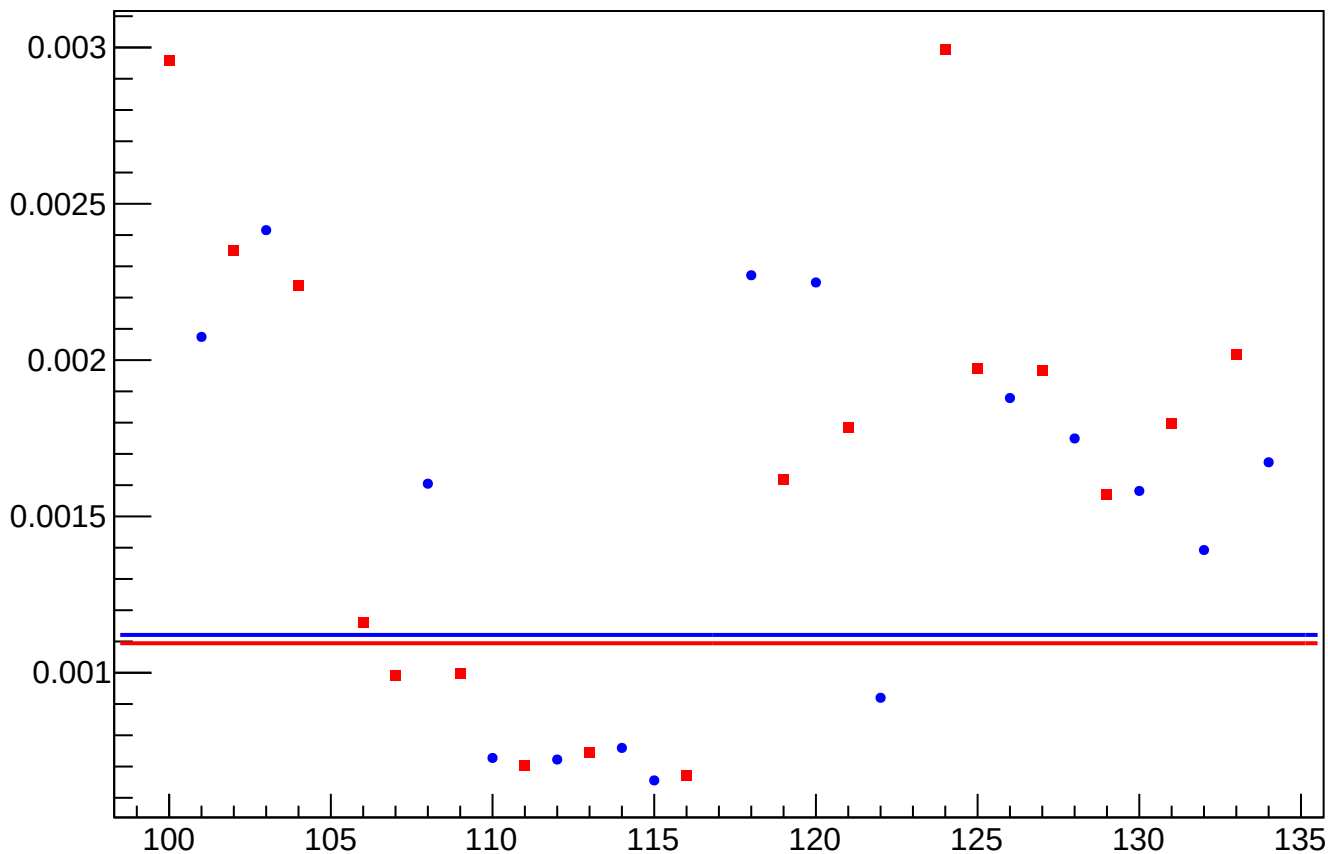
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 26.6/31

- 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 : 2451315.5/16

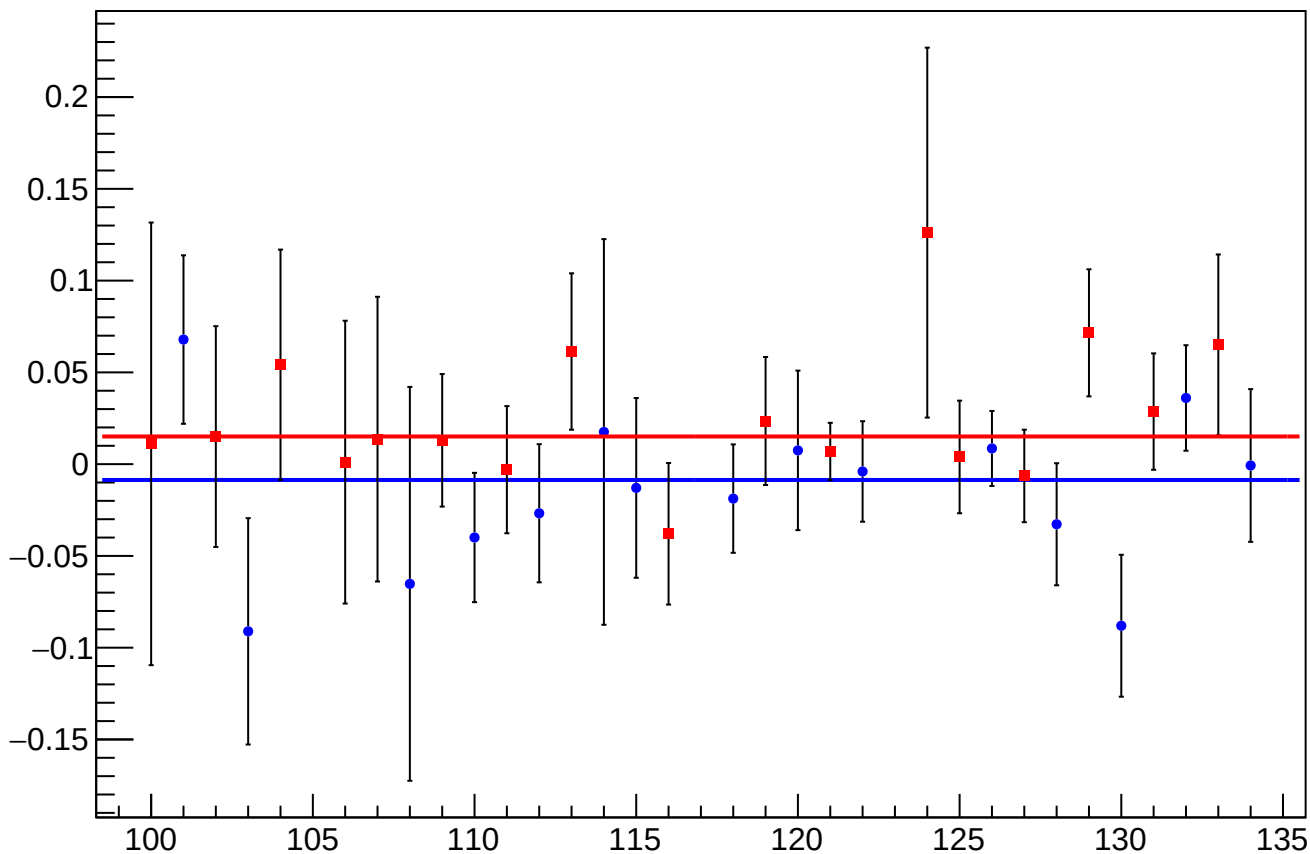
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4819225.6/31

- 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 $\pm$ 0.009 χ^2 /NDF: 10.0/16

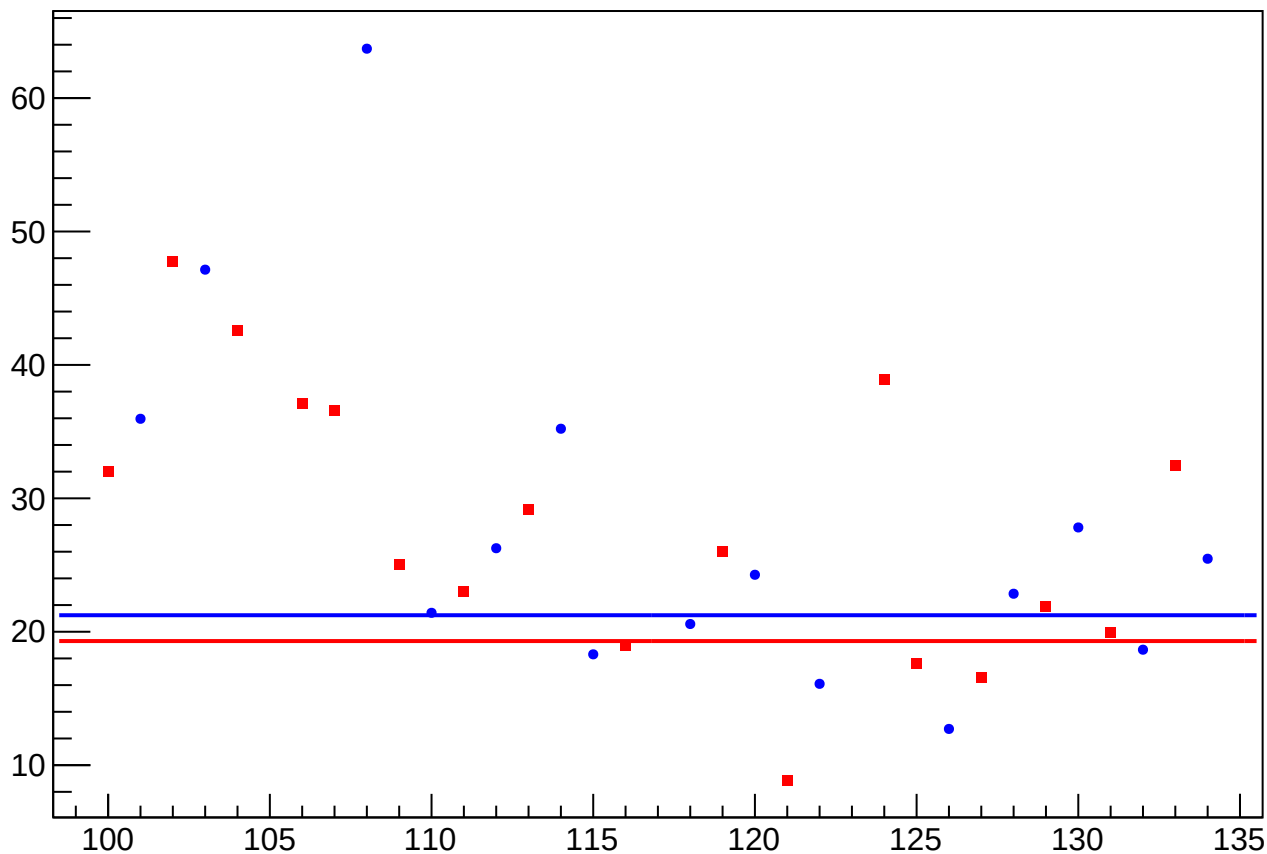
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.006 χ^2 /NDF: 27.7/31

- 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: 19.302+/-0.006 χ^2/NDF : 2363540.7/16

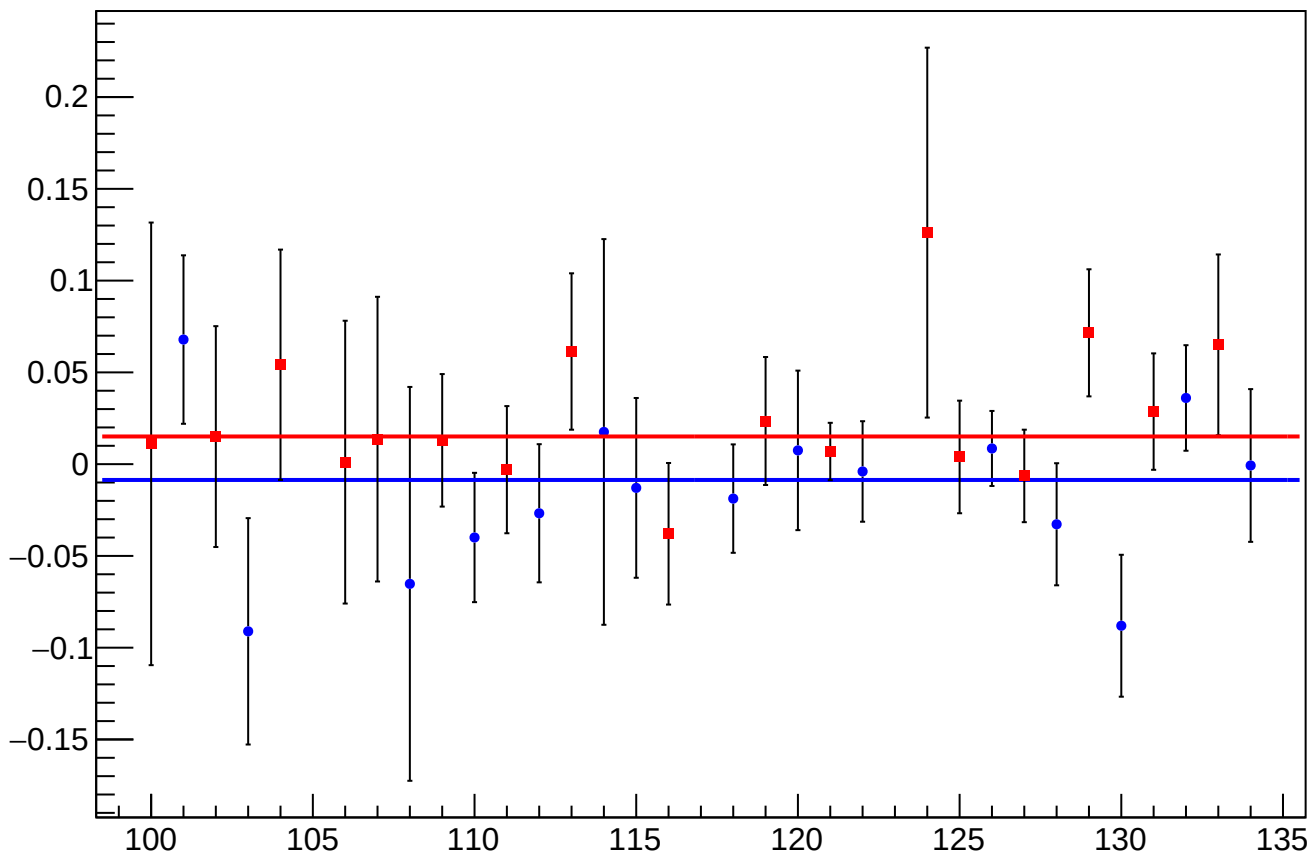
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.192+/-0.004 χ^2/NDF : 3889050.3/31

- 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 $\pm$ 0.009 χ^2 /NDF: 10.0/16

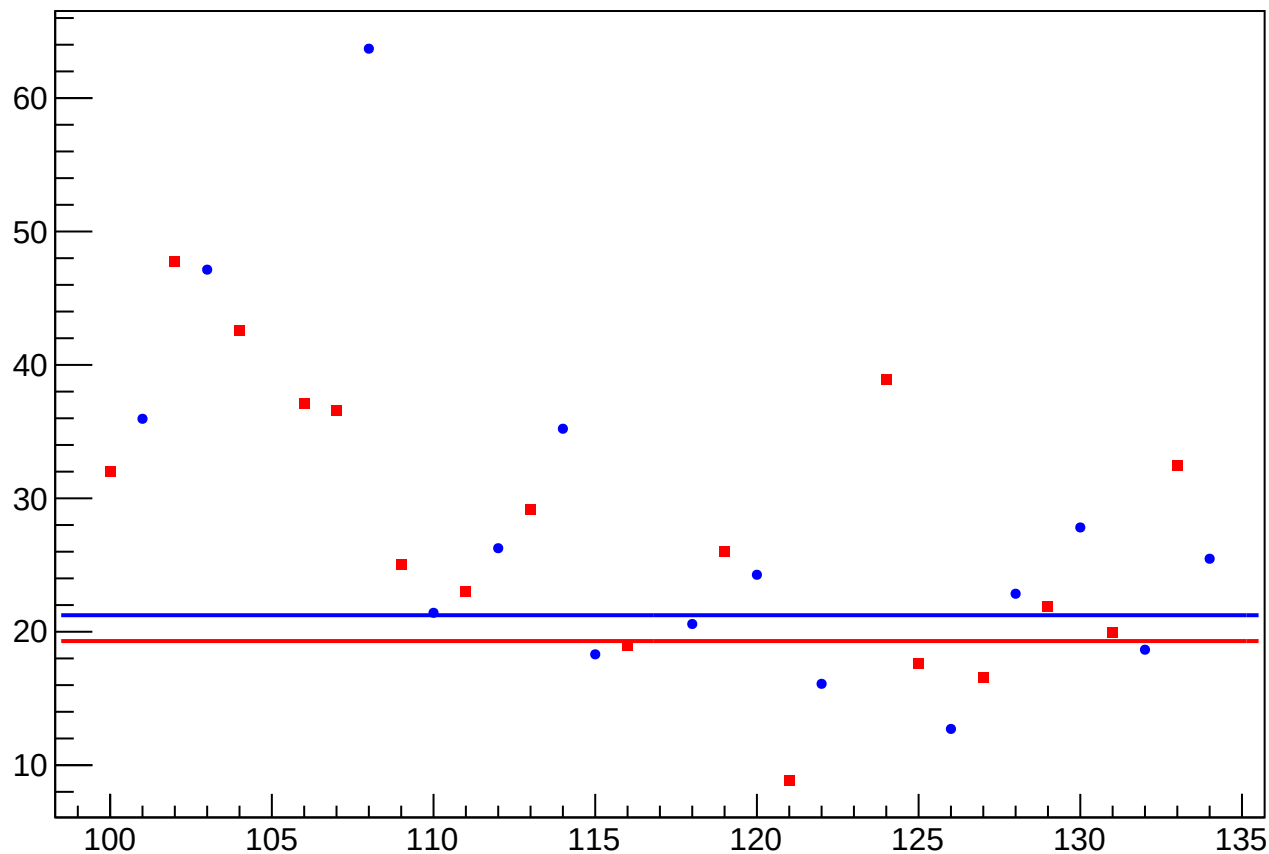
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.006 χ^2 /NDF: 27.7/31

- 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+/-0.007 χ^2/NDF : 1478468.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.302+/-0.006 χ^2/NDF : 2363540.7/16

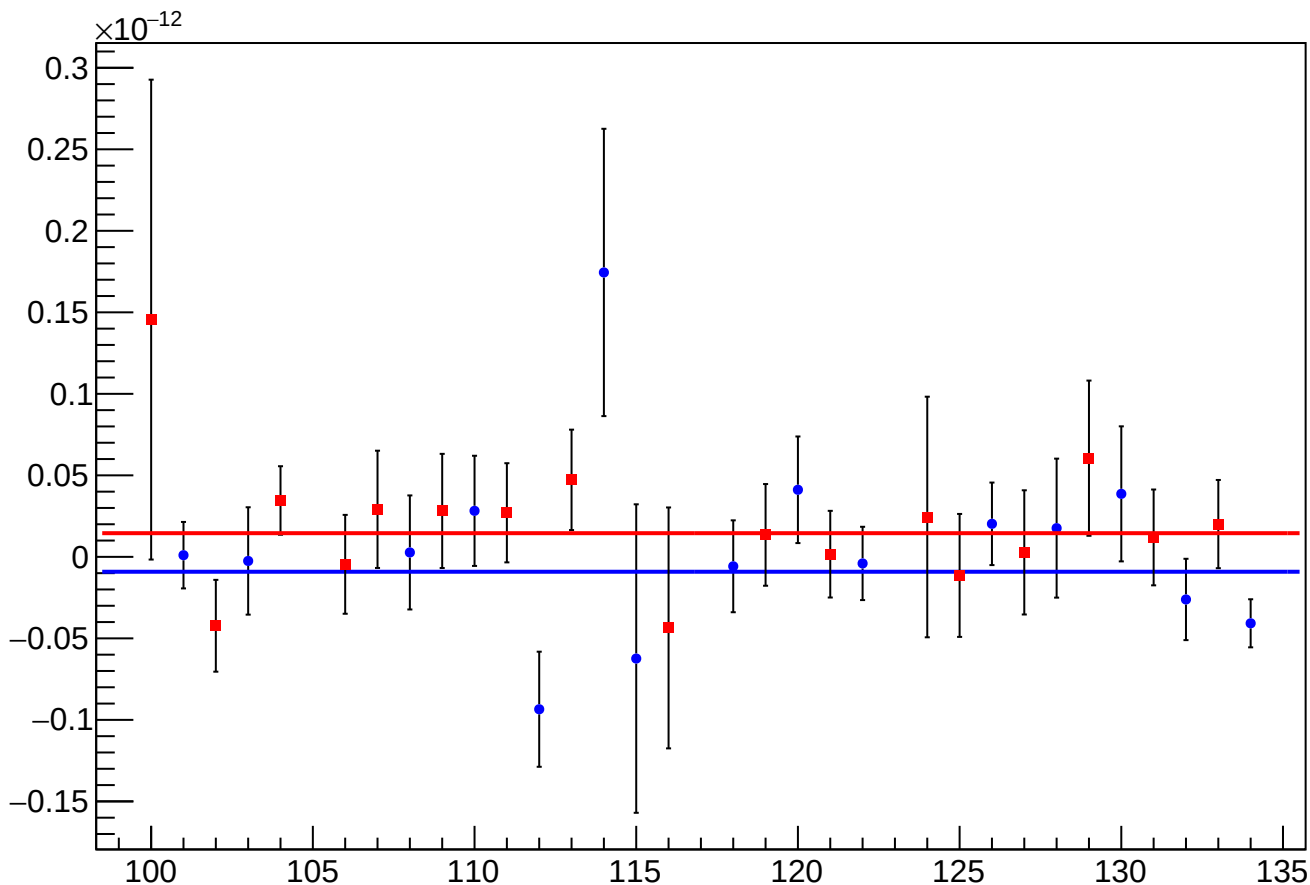
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.192+/-0.004 χ^2/NDF : 3889050.3/31

- sign 0.000+/-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+/-0.000 χ^2/NDF : 22.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.2/16

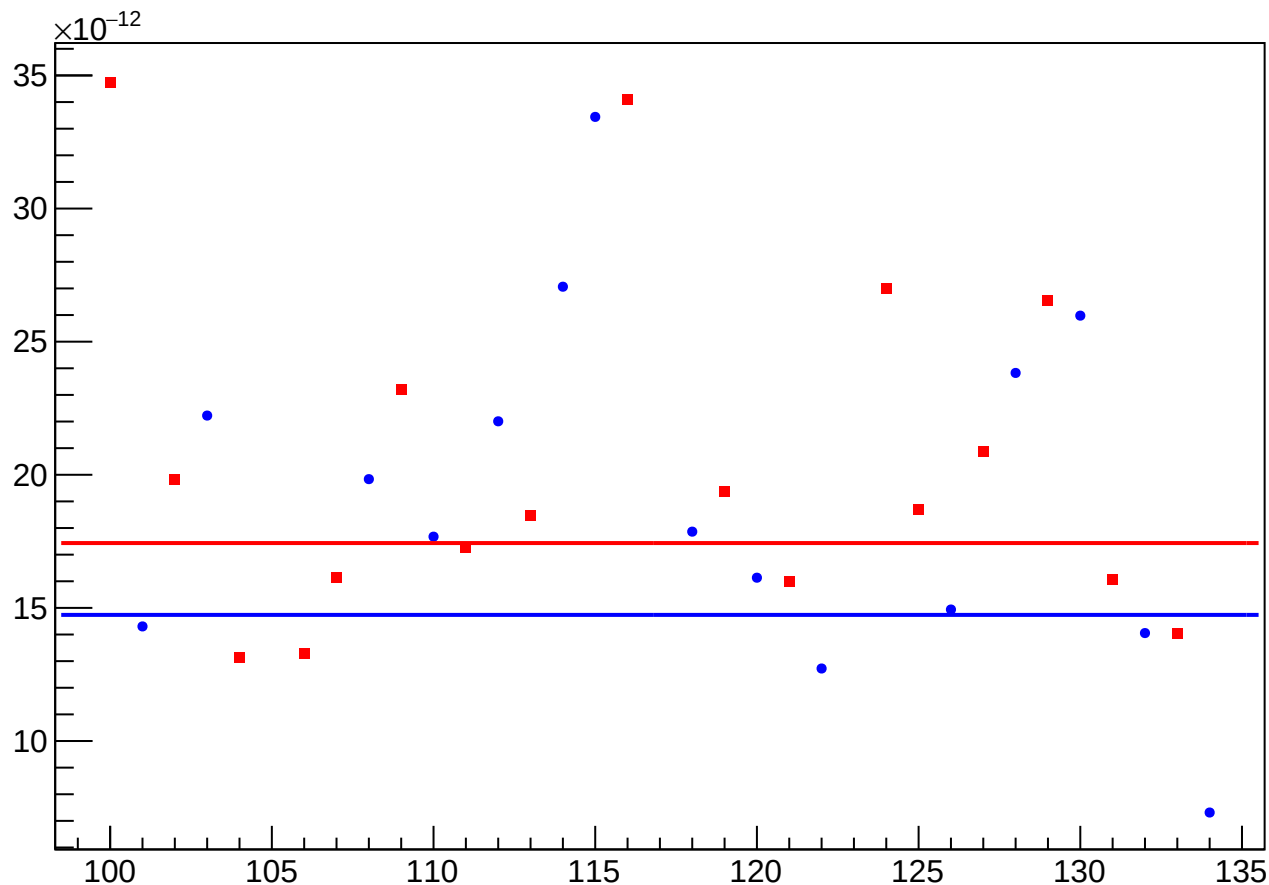
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 37.6/31

- sign 0.000+/-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 : 499709.2/16

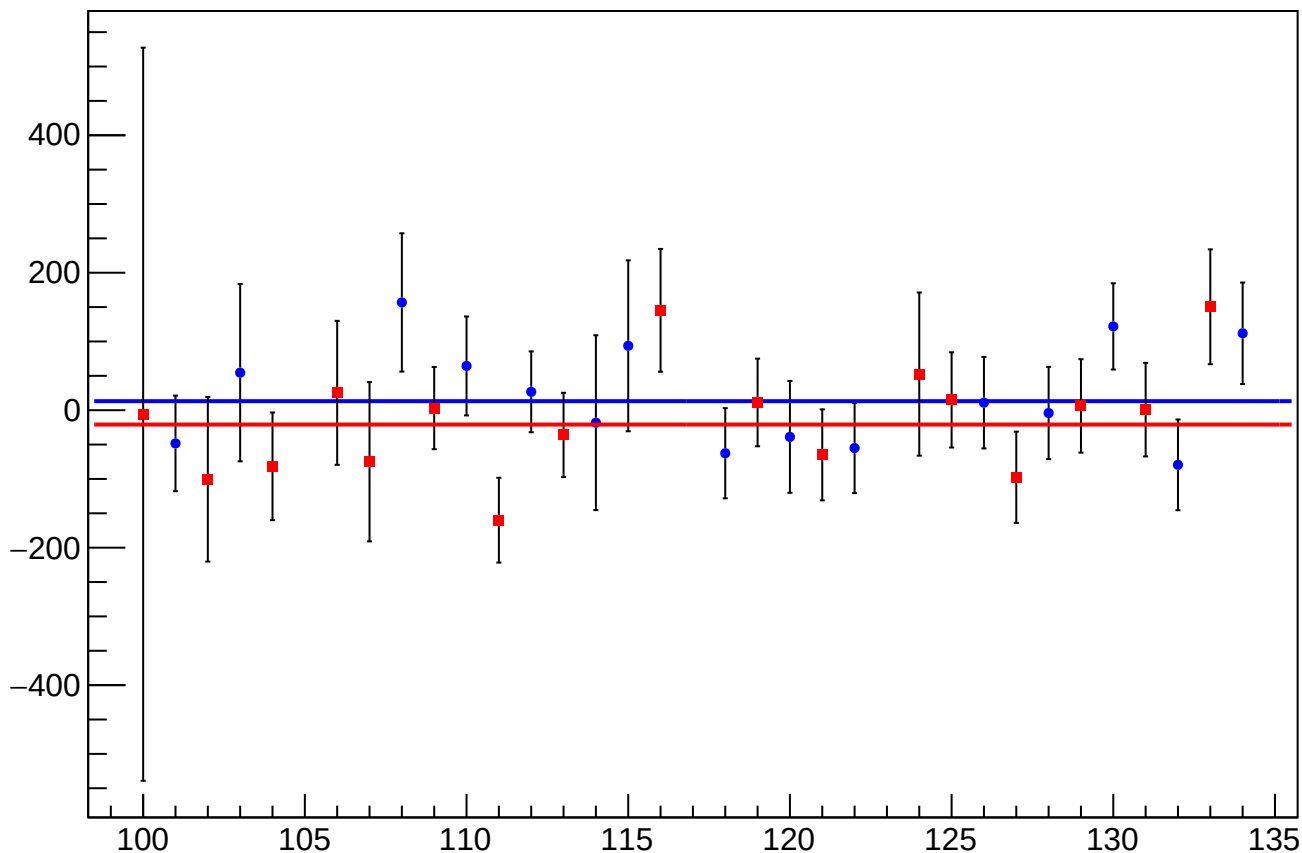
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1779695.6/31

- 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: -20.904+/-18.599 χ^2/NDF : 17.4/16

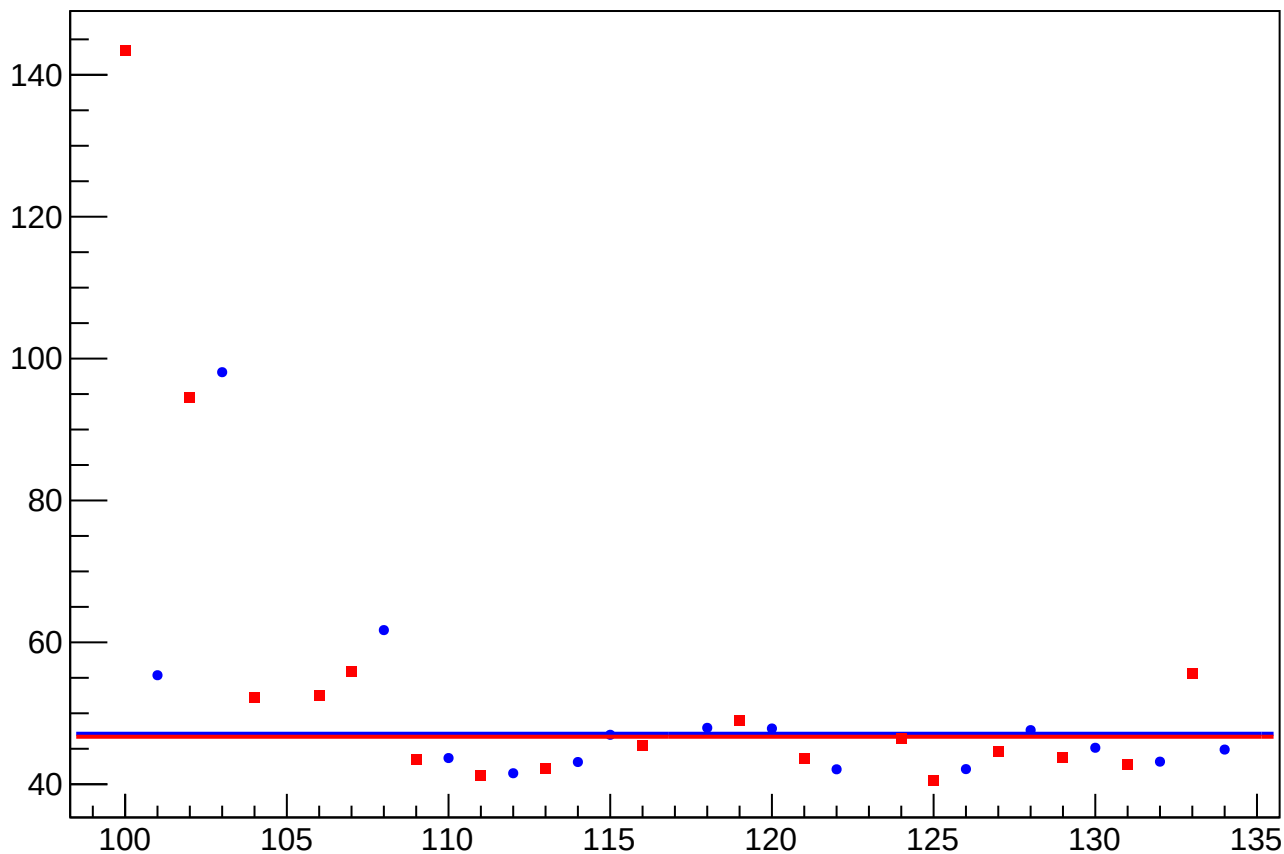
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.455+/-13.368 χ^2/NDF : 32.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_rms vs Slug



Right In: 47.118+/-0.014 χ^2/NDF : 441449.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.693+/-0.013 χ^2/NDF : 504651.6/16

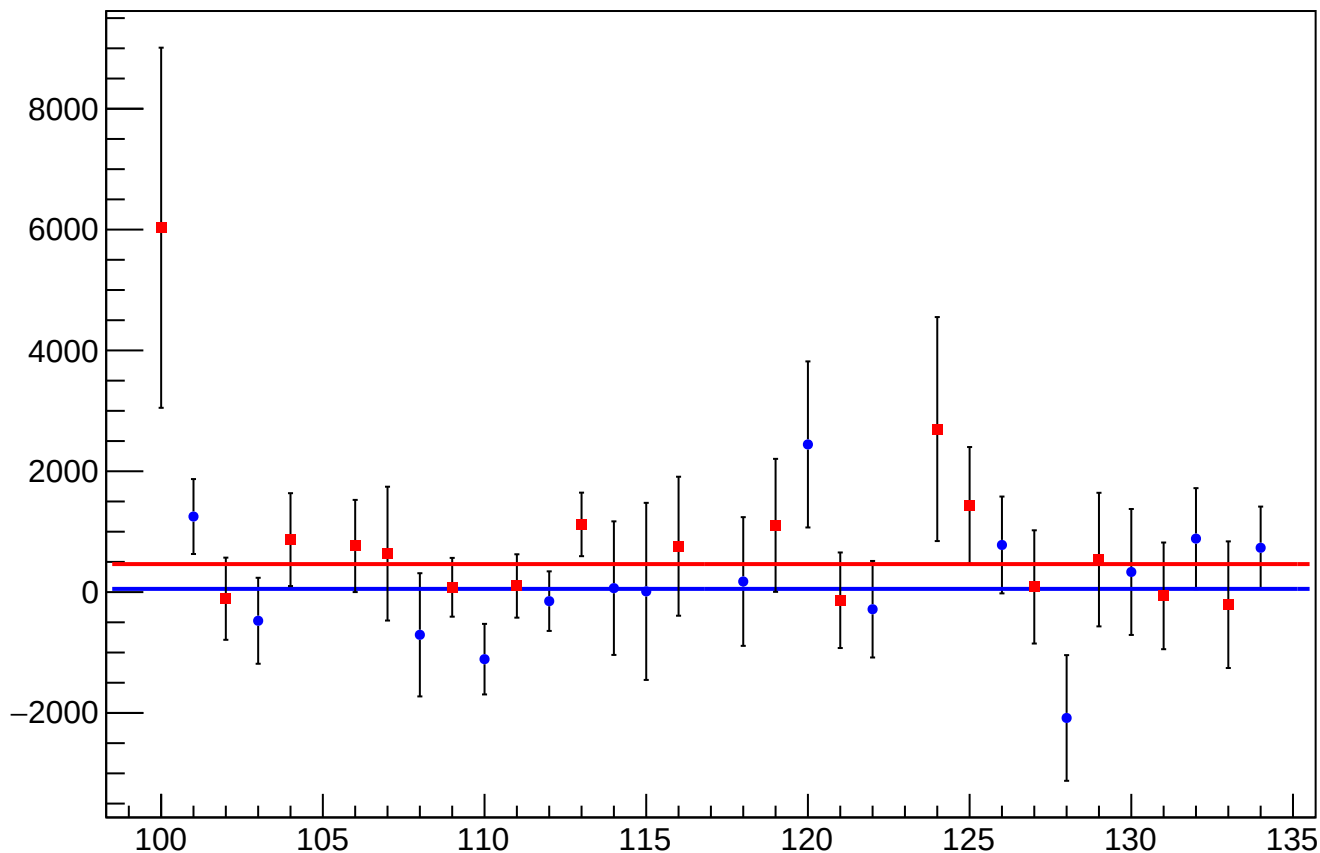
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.899+/-0.009 χ^2/NDF : 946606.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_reg_correction_mean vs Slug



Right In: 53.381 $\pm$ 204.846 χ^2 /NDF: 19.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 463.708 $\pm$ 193.621 χ^2 /NDF: 11.7/16

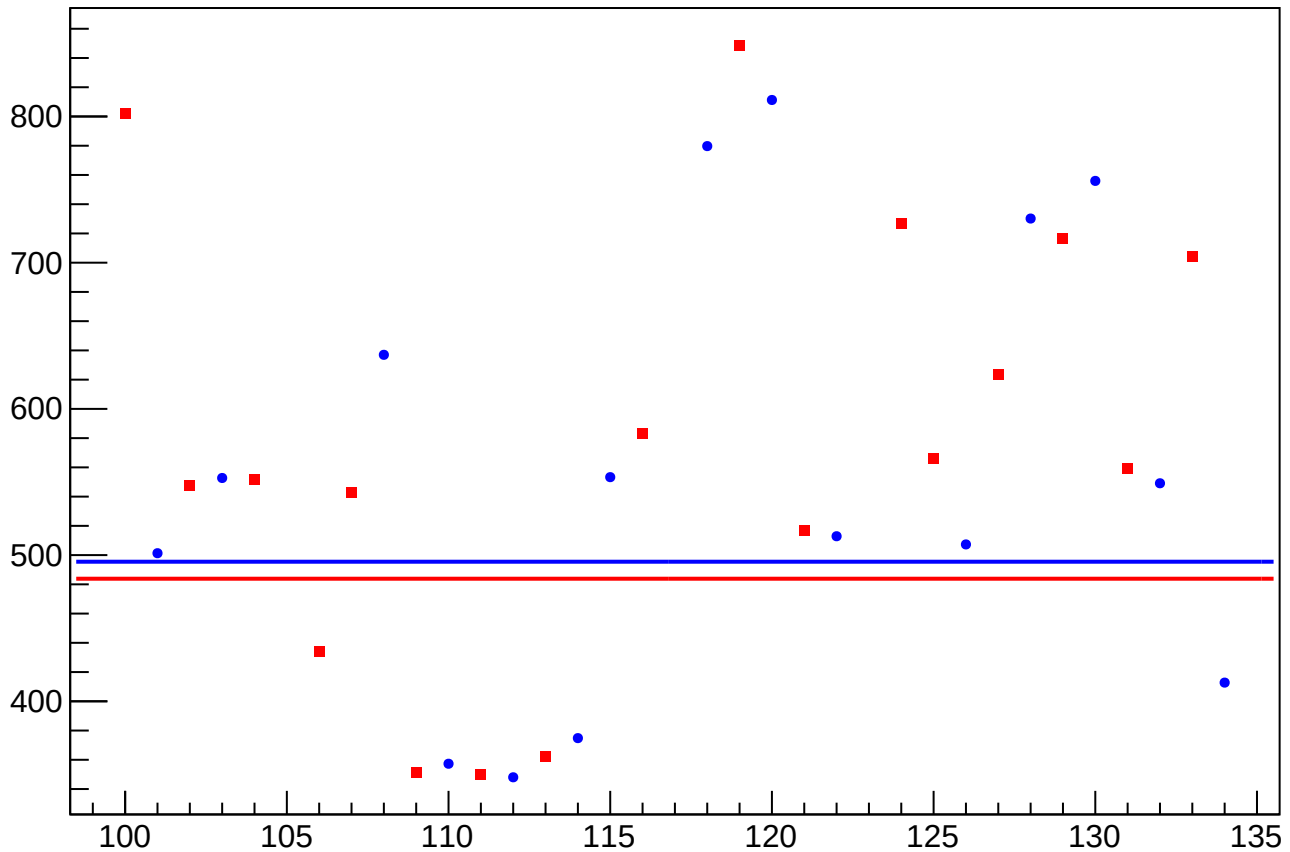
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 270.094 $\pm$ 140.712 χ^2 /NDF: 33.1/31

- sign 0.000 $\pm$ 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: 483.847+/-0.137 χ^2/NDF : 977752.4/16

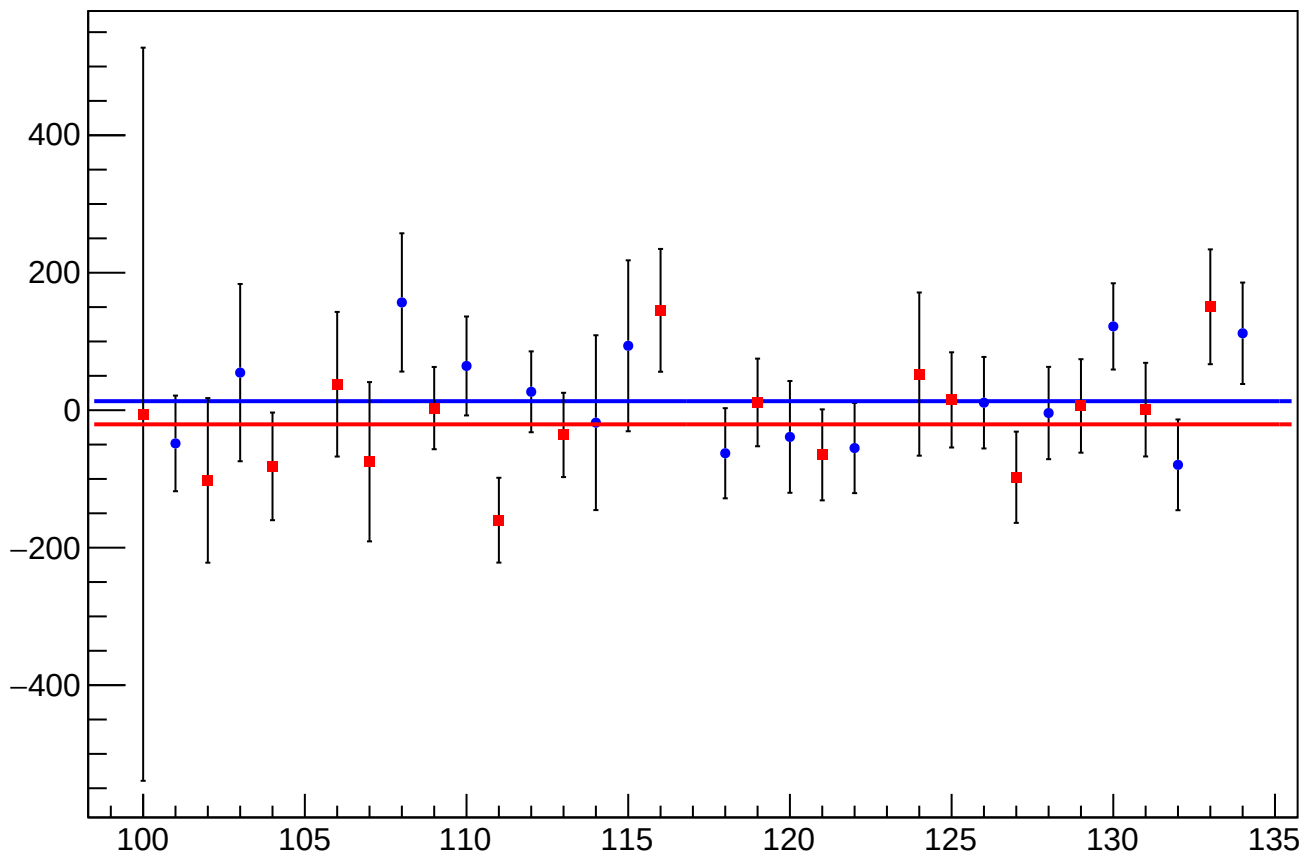
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 489.334+/-0.099 χ^2/NDF : 1864488.3/31

- 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: -20.564+/-18.602 χ^2/NDF : 17.5/16

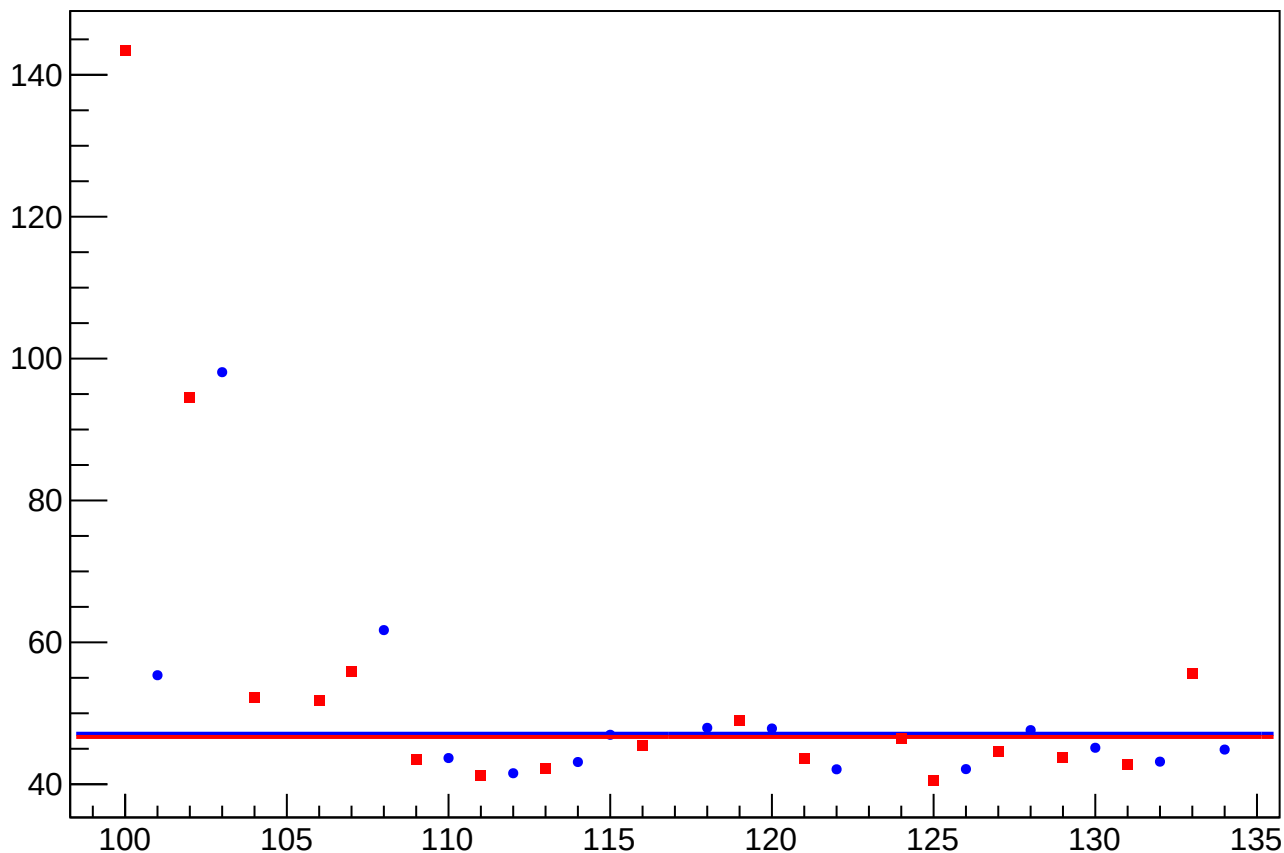
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.274+/-13.369 χ^2/NDF : 32.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_37_dd_rms vs Slug



Right In: 47.118+/-0.014 χ^2/NDF : 441452.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.666+/-0.013 χ^2/NDF : 503231.6/16

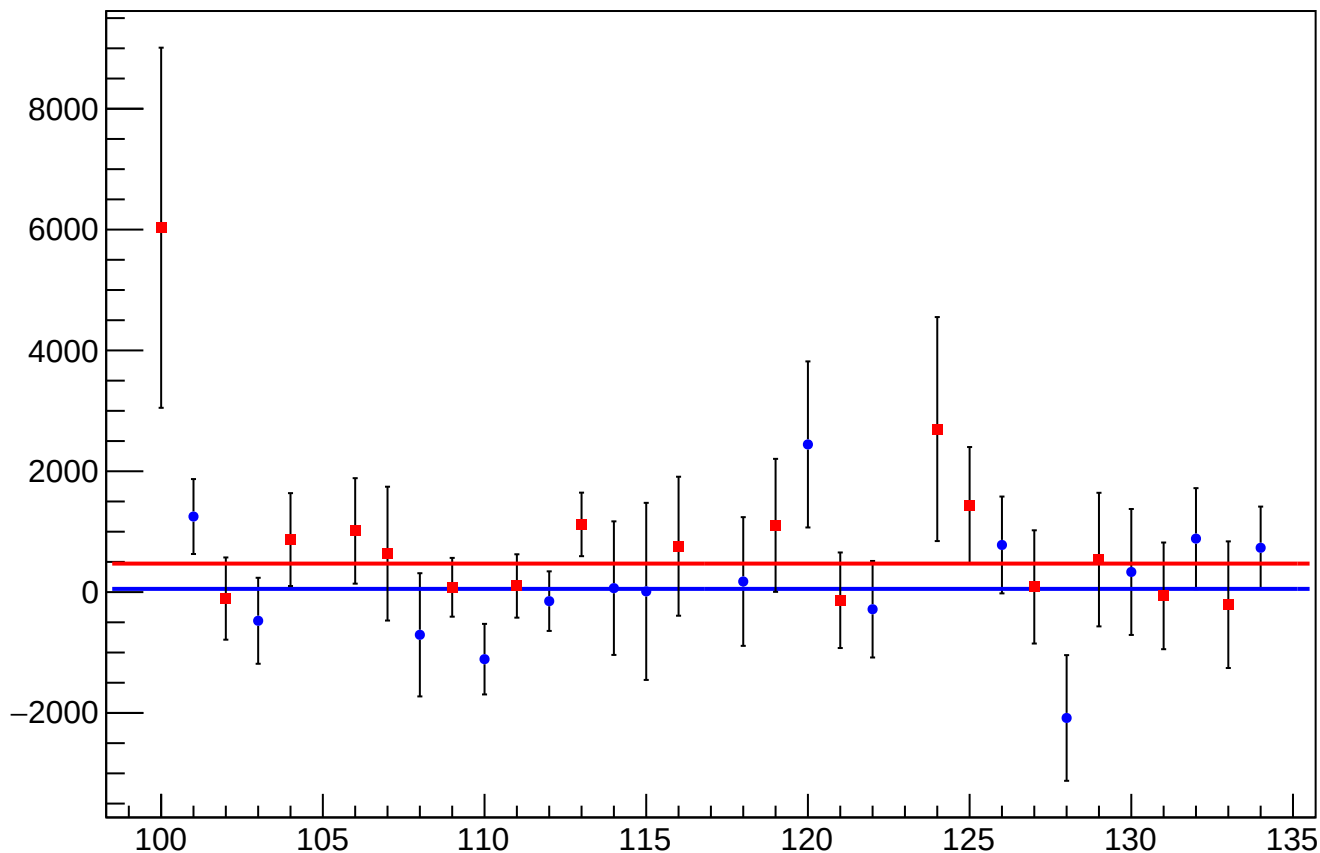
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.885+/-0.009 χ^2/NDF : 945255.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_cor_correction_mean vs Slug



Right In: 53.381 $\pm$ 204.847 χ^2 /NDF: 19.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 471.851 $\pm$ 195.125 χ^2 /NDF: 11.9/16

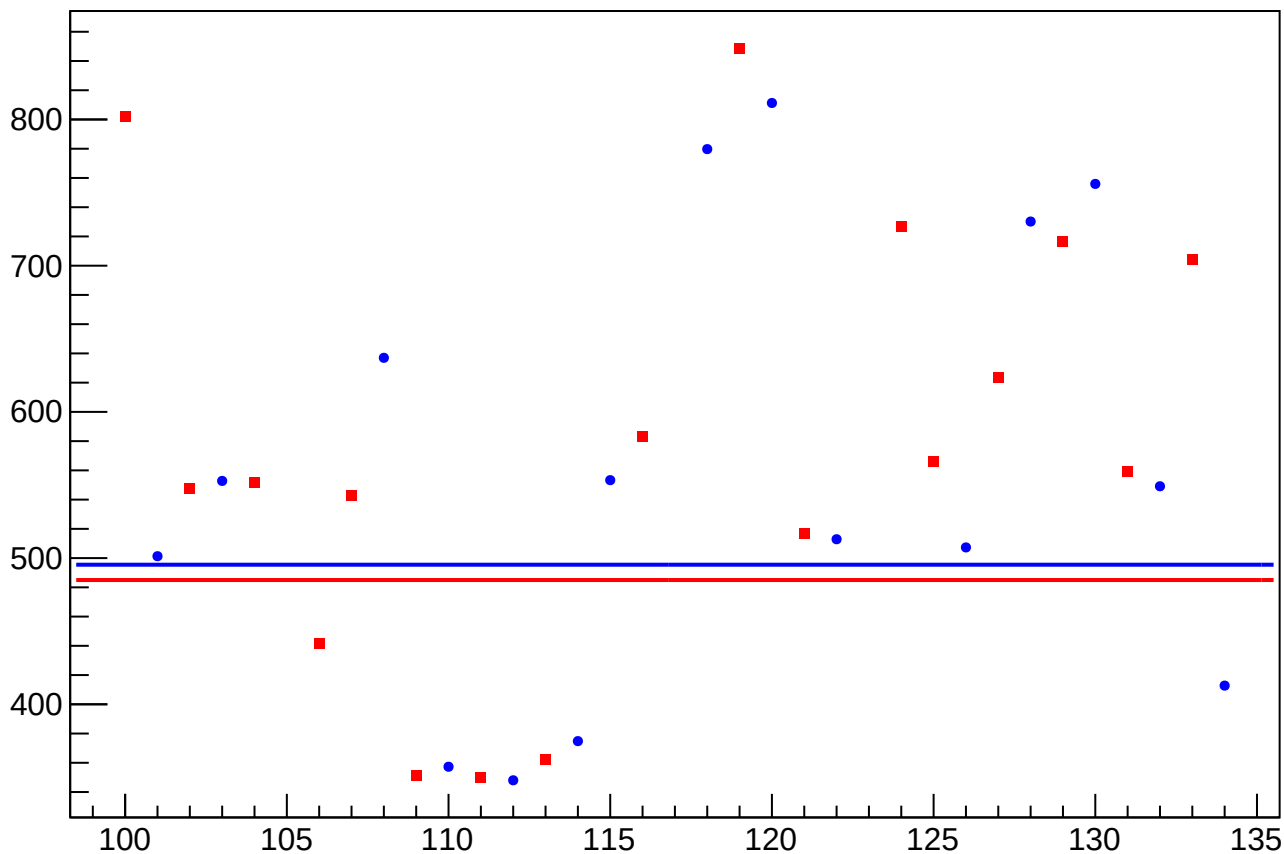
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 272.782 $\pm$ 141.286 χ^2 /NDF: 33.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_cor_correction_rms vs Slug



Right In: 495.478 $\pm$ 0.145 χ^2 /NDF: 883356.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 485.006 $\pm$ 0.138 χ^2 /NDF: 974105.0/16

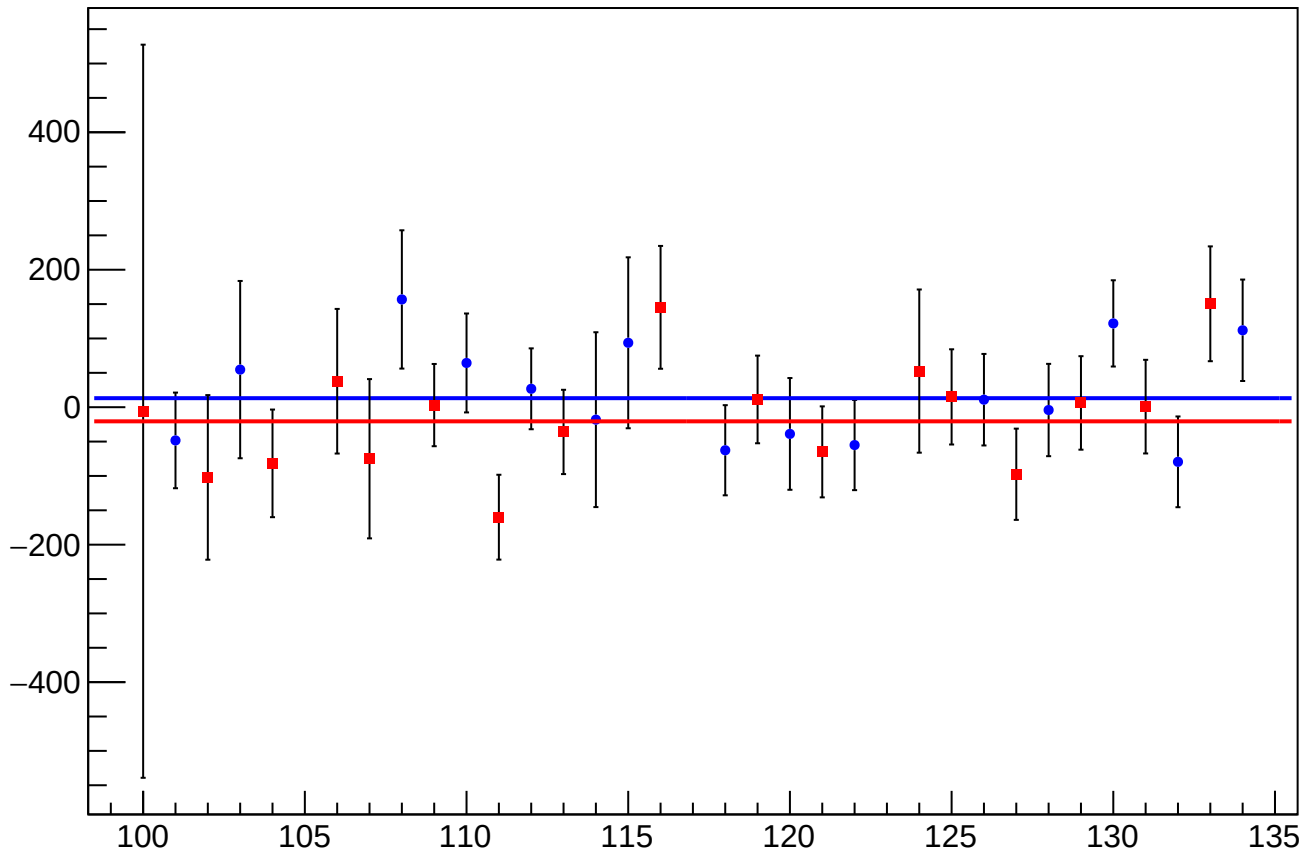
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 489.988 $\pm$ 0.100 χ^2 /NDF: 1860201.7/31

- sign 0.000 $\pm$ 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: -20.564+/-18.602 χ^2/NDF : 17.5/16

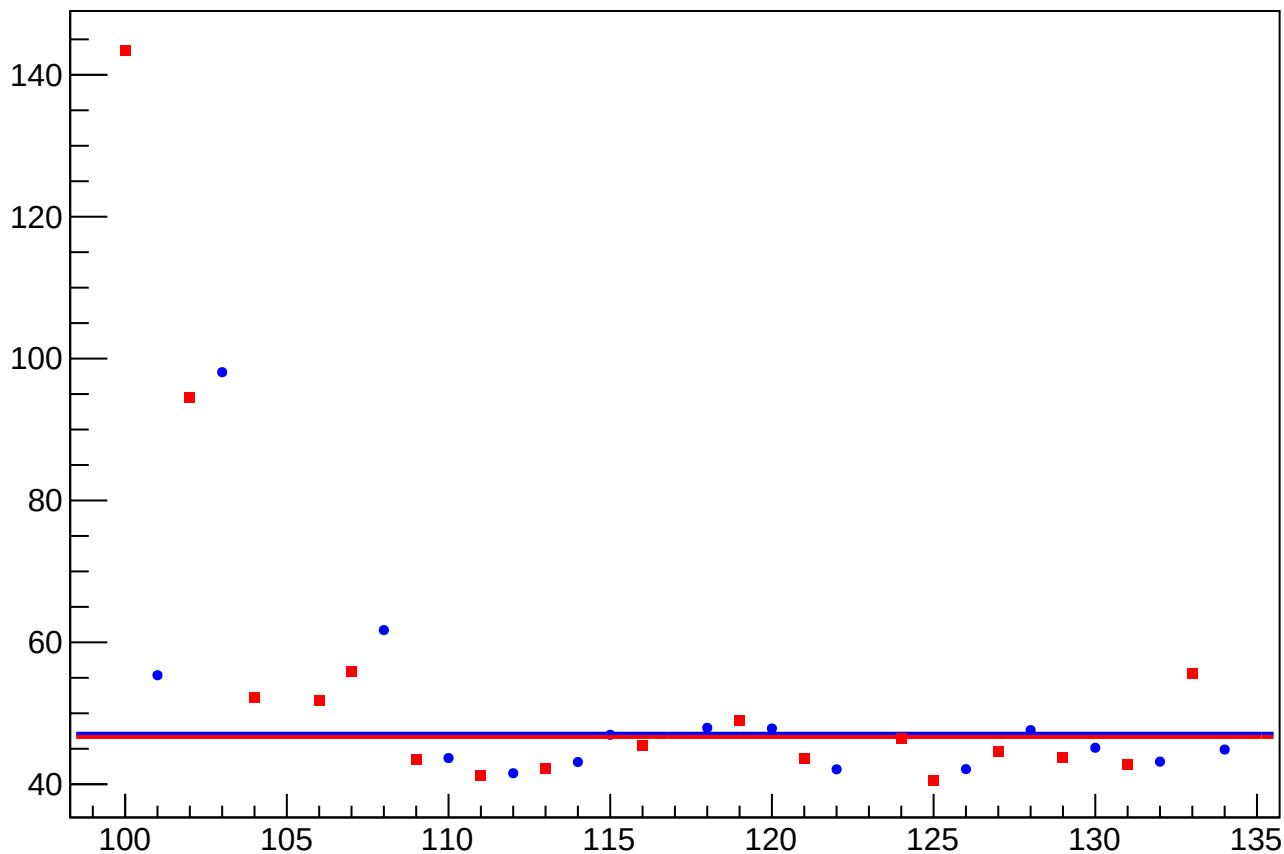
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.274+/-13.369 χ^2/NDF : 32.7/31

- 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: 46.666 $\pm$ 0.013 χ^2 /NDF: 503231.6/16

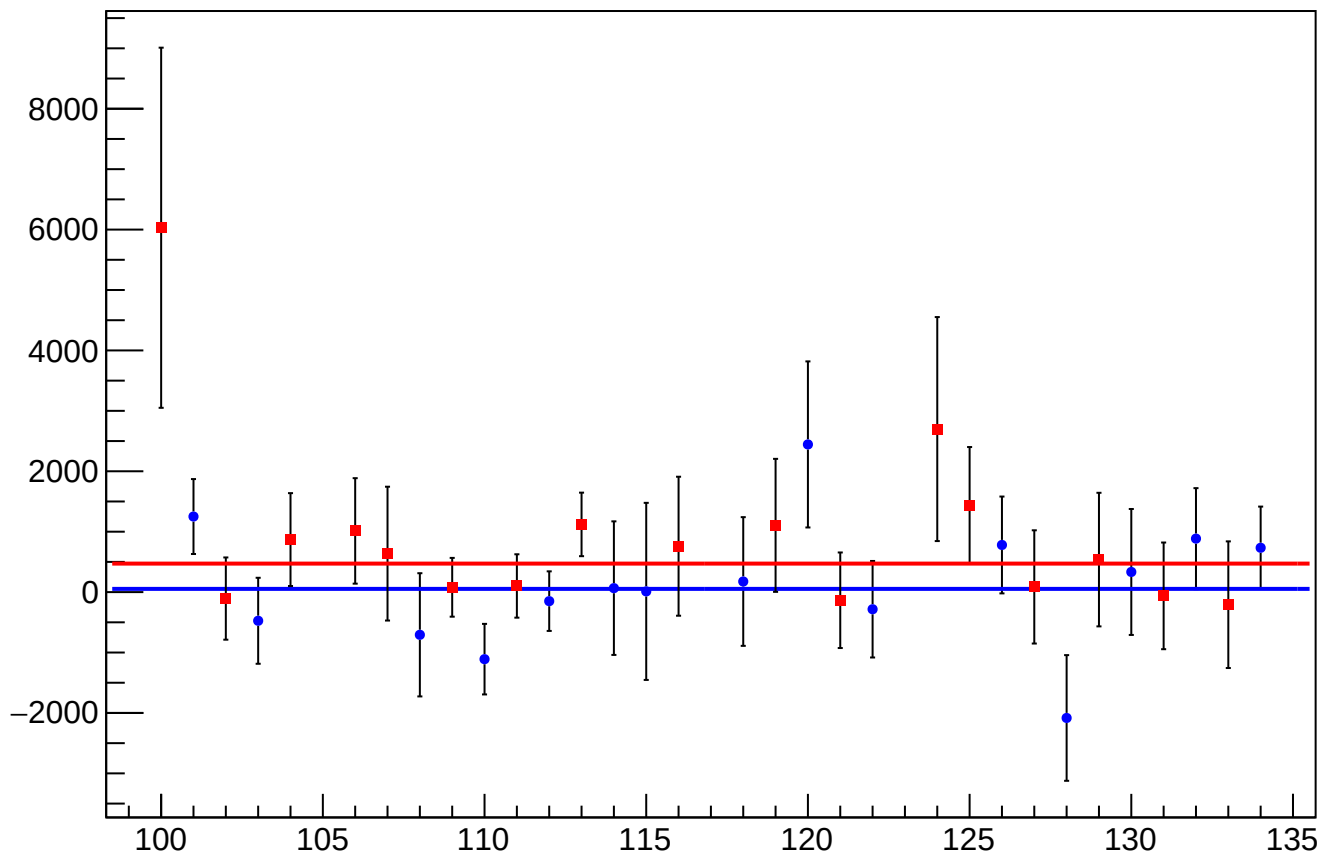
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 46.885 $\pm$ 0.009 χ^2 /NDF: 945255.7/31

- 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 $\pm$ 204.847 χ^2 /NDF: 19.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 471.851 $\pm$ 195.125 χ^2 /NDF: 11.9/16

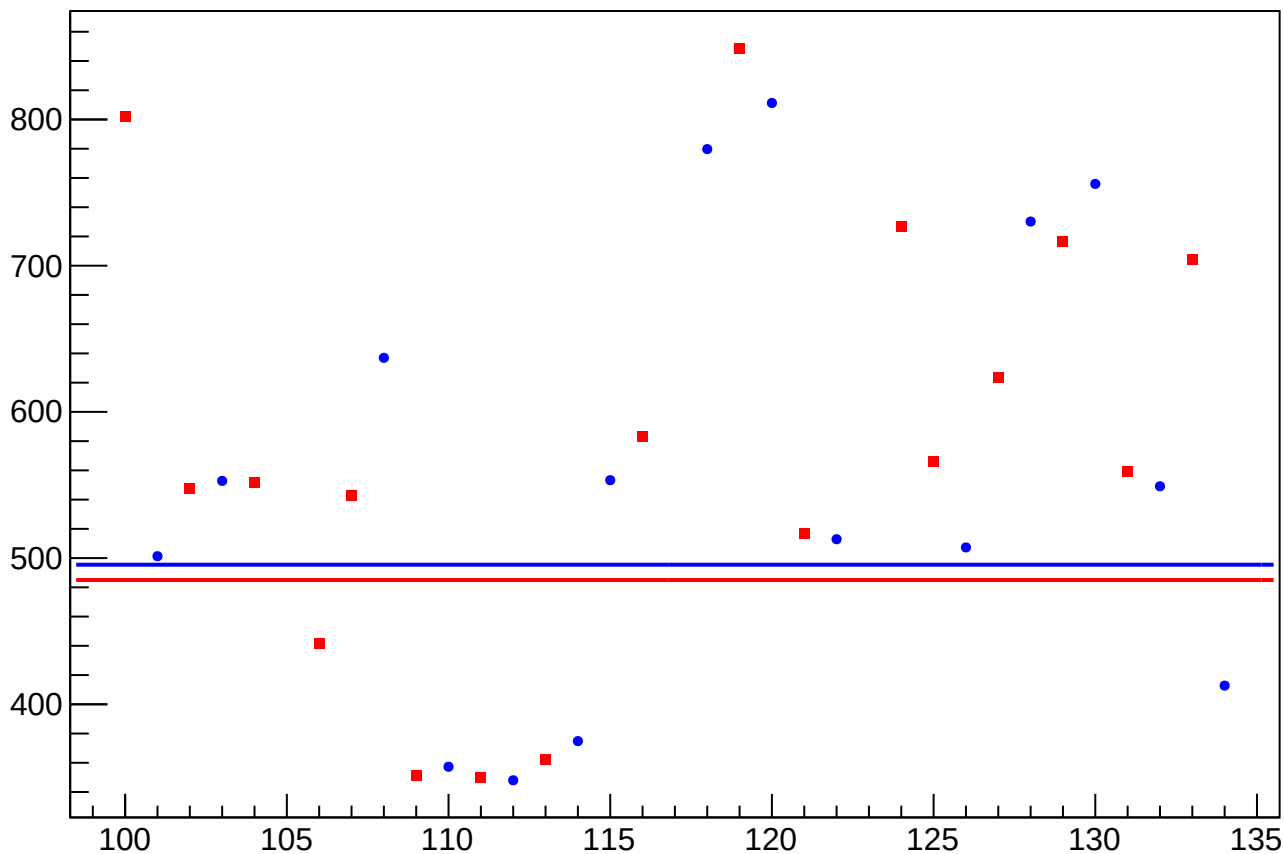
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 272.782 $\pm$ 141.286 χ^2 /NDF: 33.4/31

- sign 0.000 $\pm$ 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: 485.006+/-0.138 χ^2/NDF : 974105.0/16

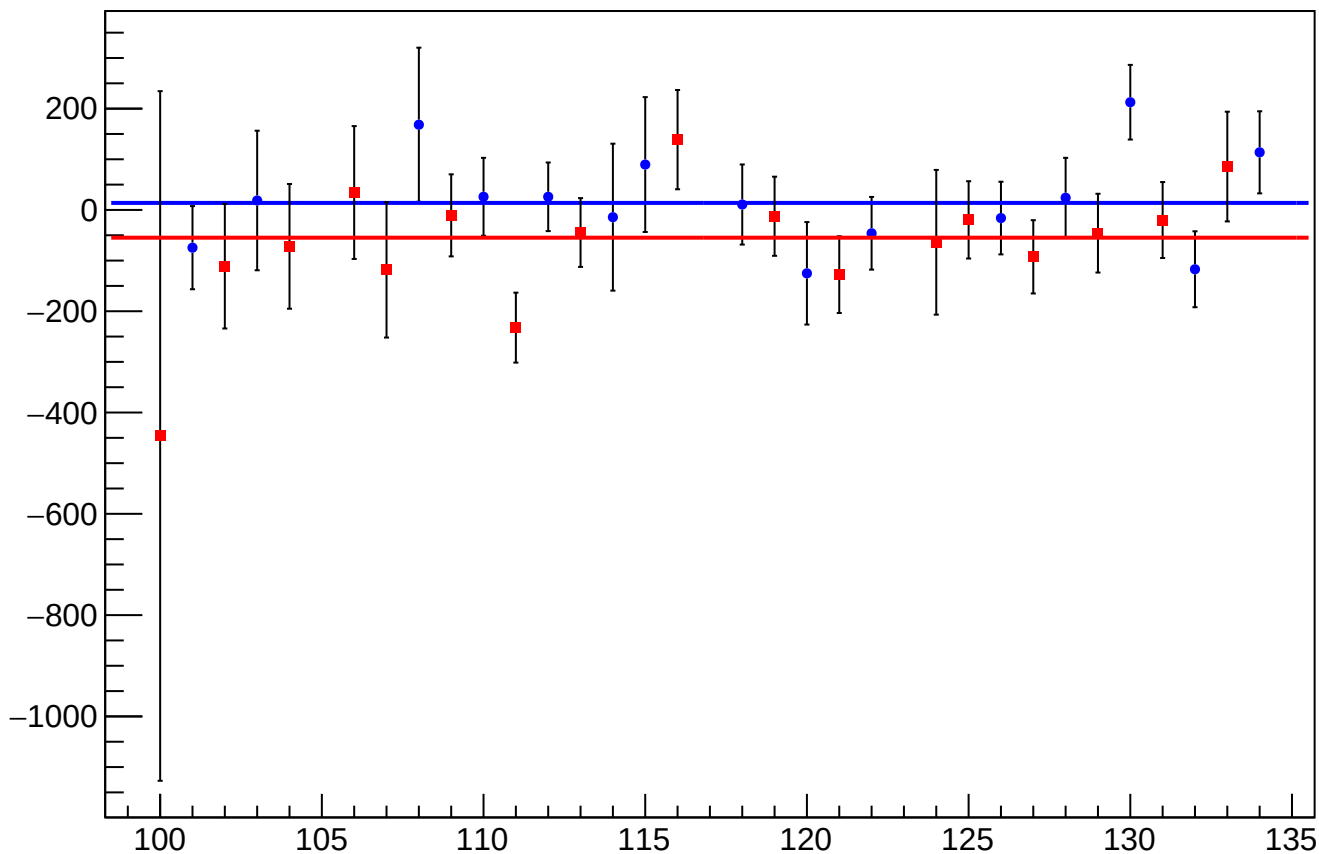
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 489.988+/-0.100 χ^2/NDF : 1860201.7/31

- 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: -54.774 $\pm$ 21.771 χ^2 /NDF: 15.7/16

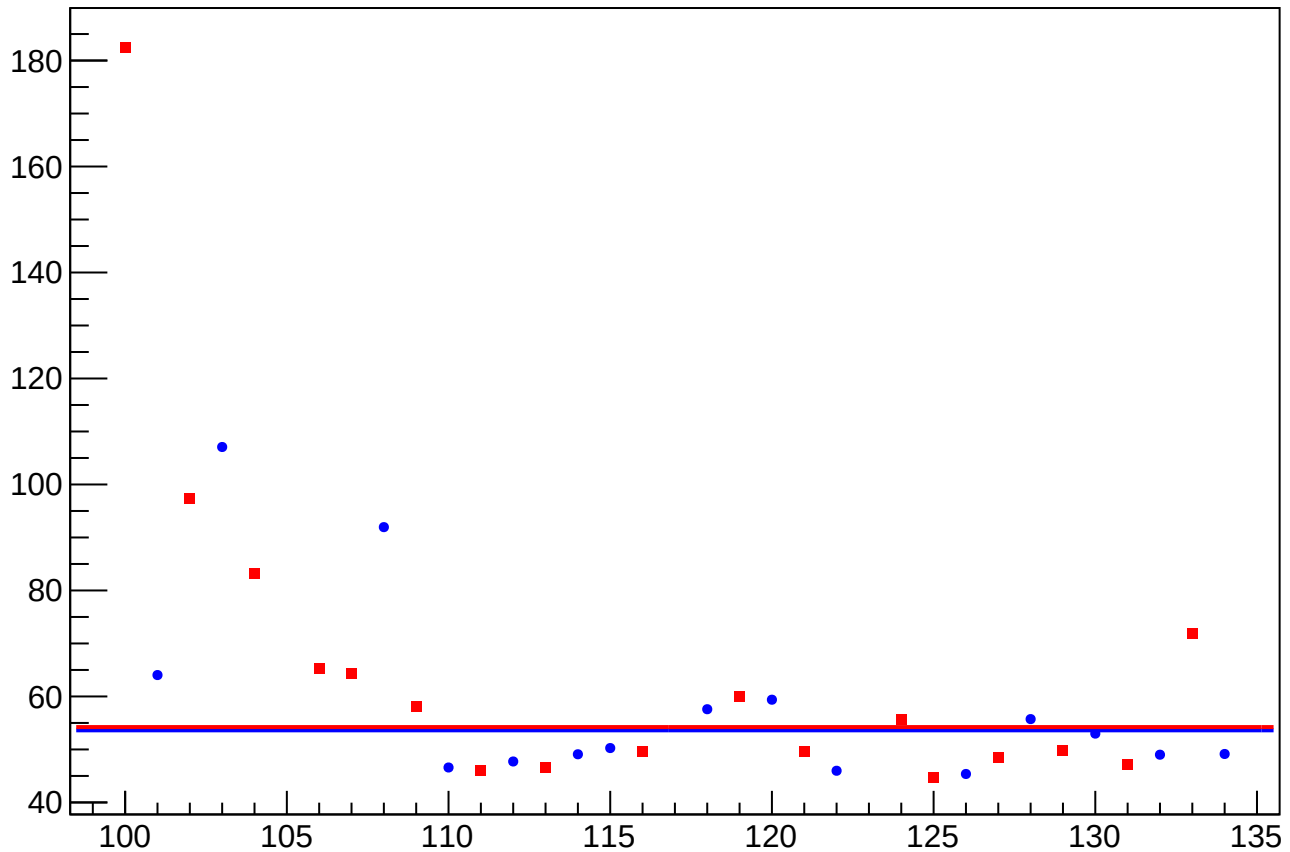
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -20.880 $\pm$ 15.492 χ^2 /NDF: 37.8/31

- 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: 54.221 $\pm$ 0.015 χ^2 /NDF: 655546.7/16

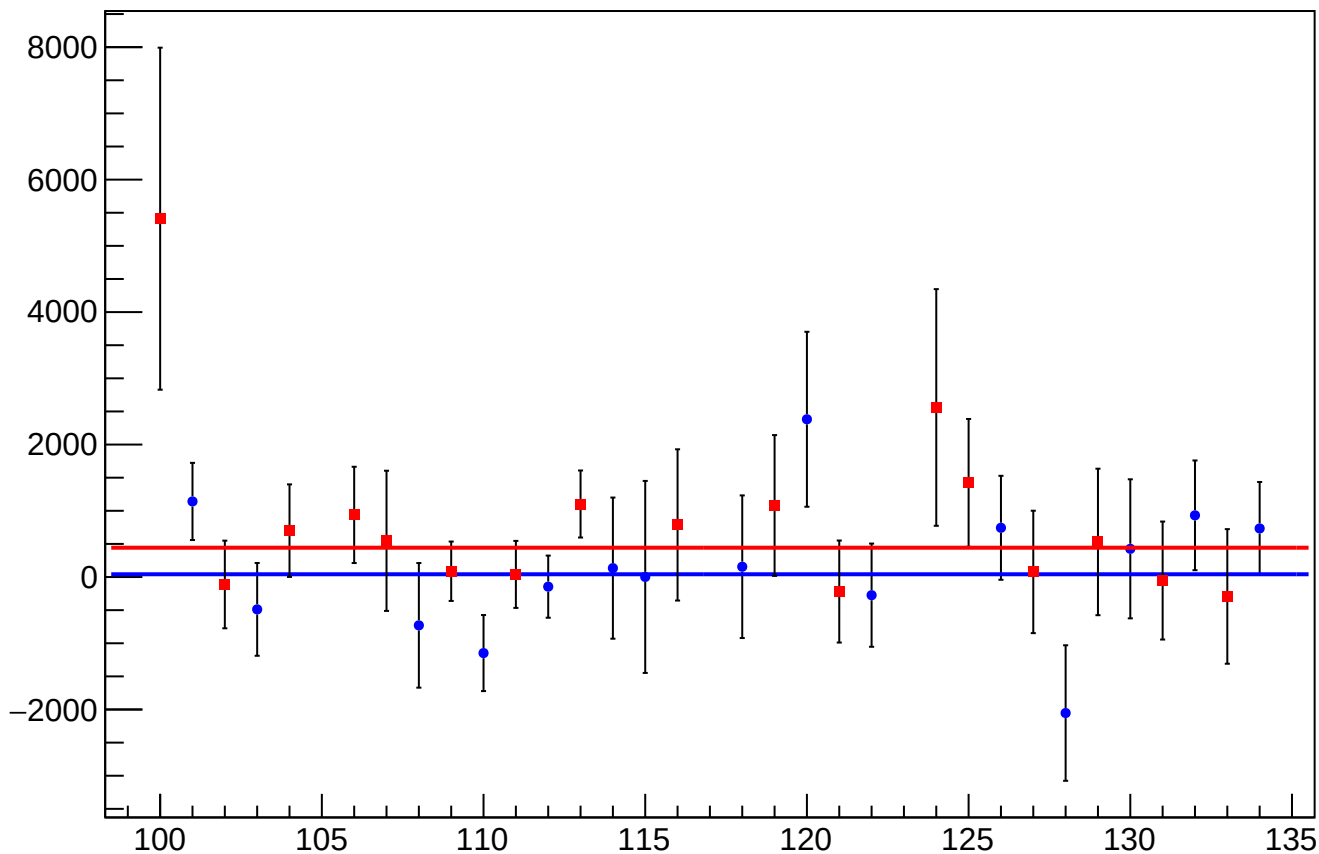
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 53.918 $\pm$ 0.011 χ^2 /NDF: 1227561.3/31

- 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: 442.776 $\pm$ 185.691 χ^2 /NDF: 12.6/16

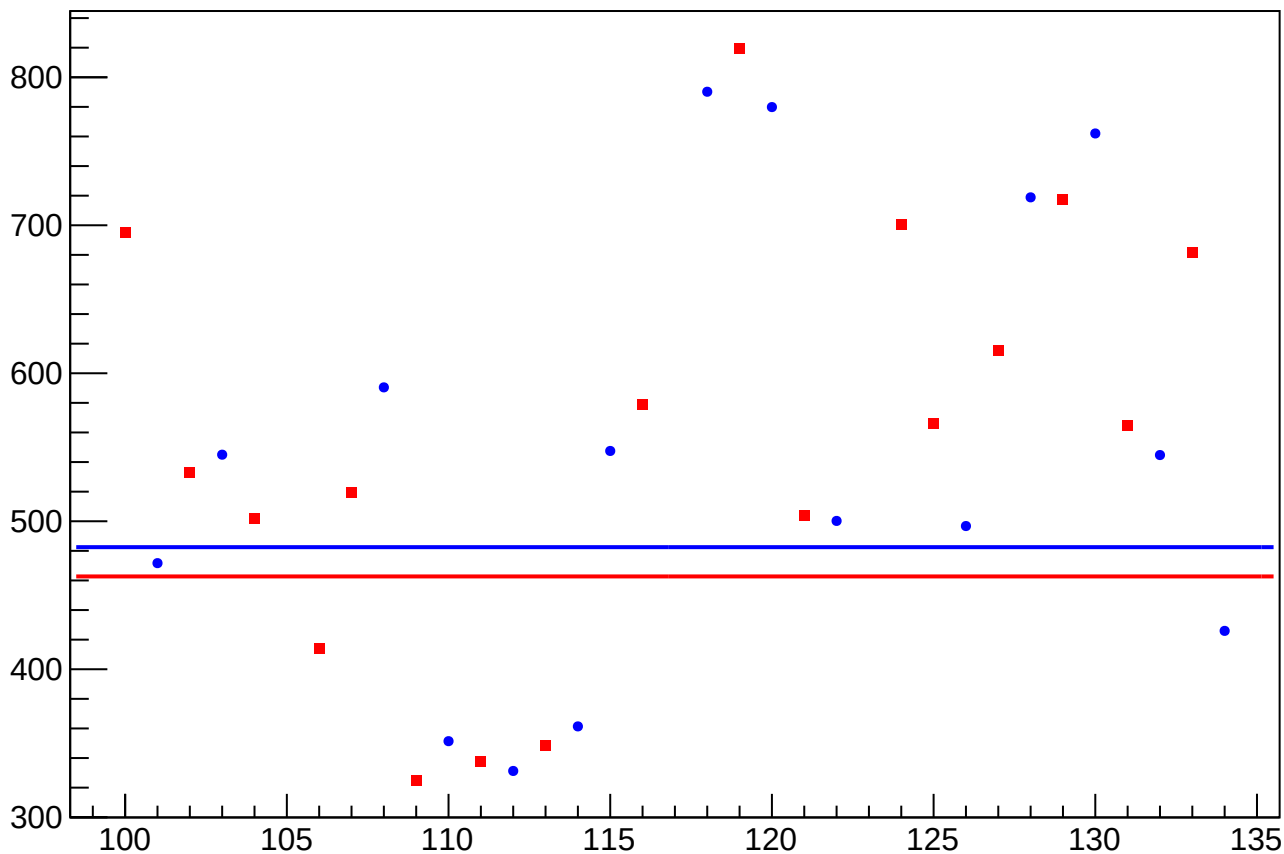
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 256.725 $\pm$ 135.939 χ^2 /NDF: 34.6/31

- 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

Right Out: 462.718+/-0.131 χ^2/NDF : 1062119.6/16

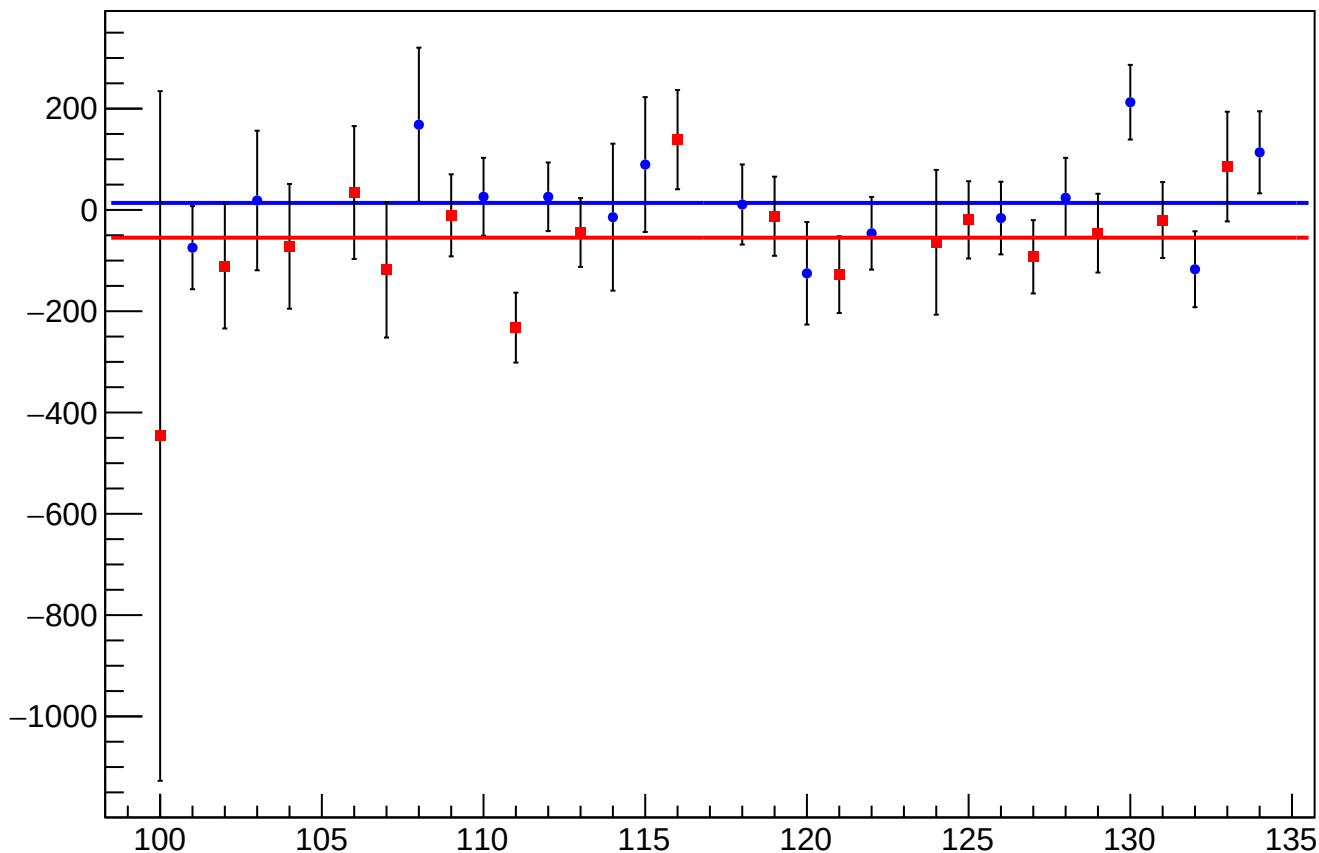
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 471.898+/-0.096 χ^2/NDF : 1996930.7/31

- sign 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: -54.775 $\pm$ 21.771 χ^2 /NDF: 15.7/16

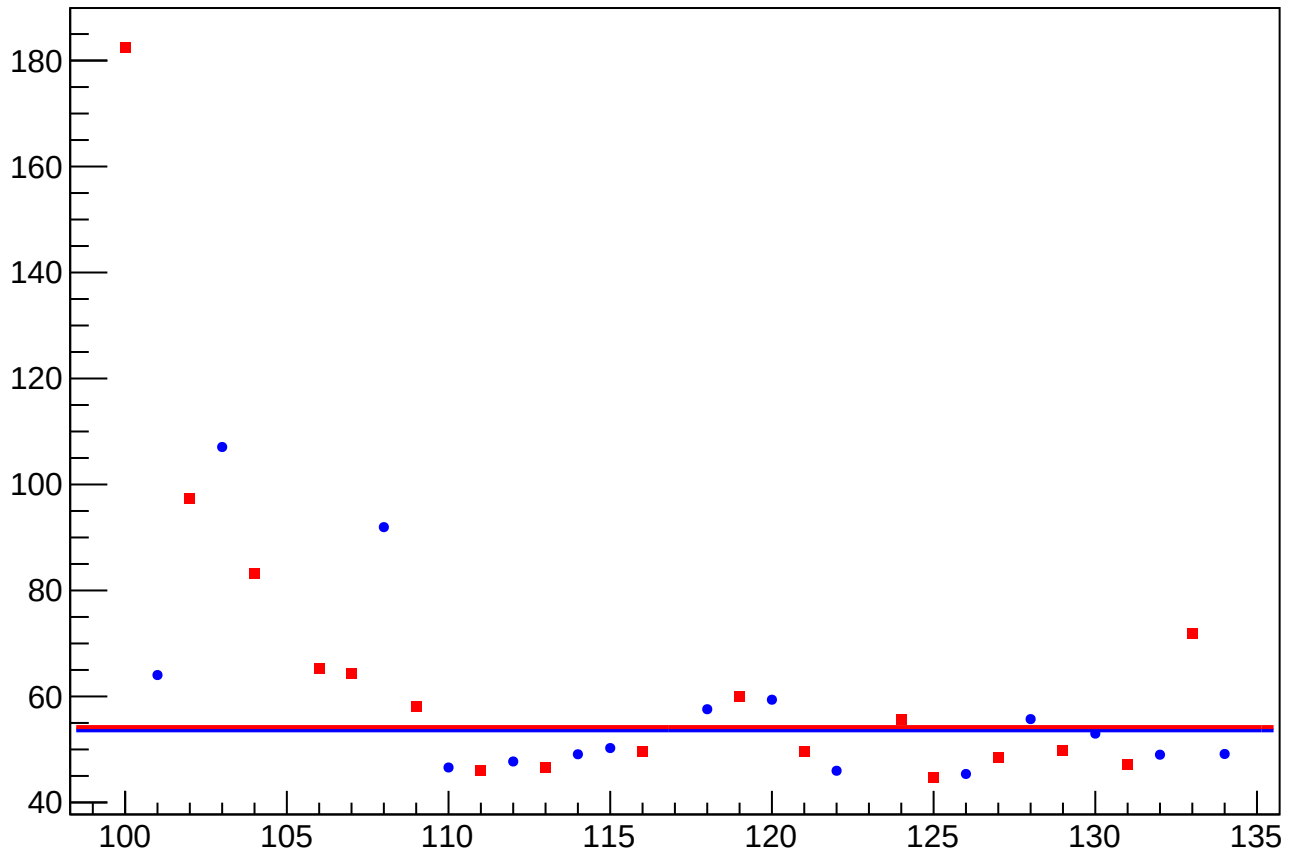
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -20.880 $\pm$ 15.492 χ^2 /NDF: 37.8/31

- 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: 54.222 $\pm$ 0.015 χ^2 /NDF: 655548.2/16

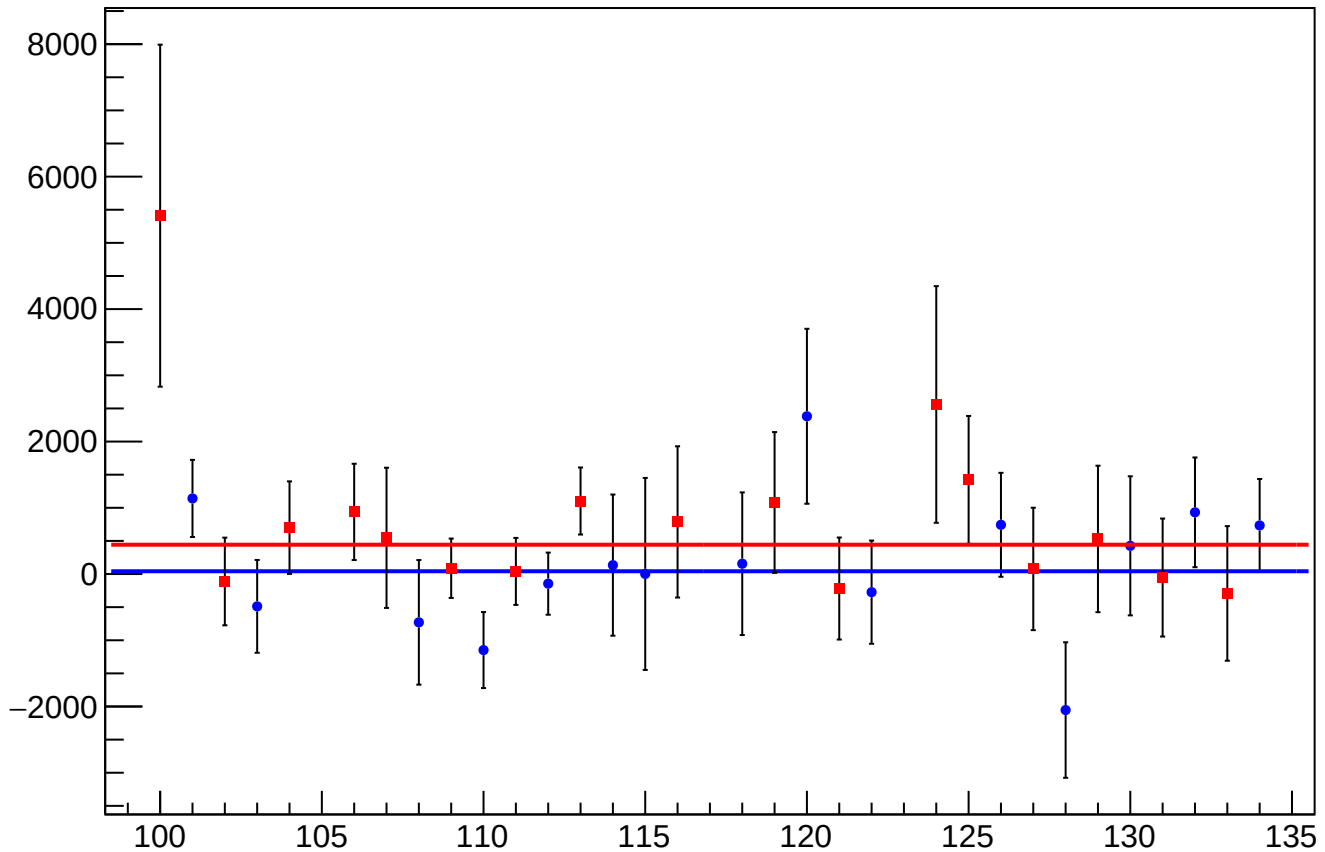
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 53.918 $\pm$ 0.011 χ^2 /NDF: 1227555.1/31

- 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 $\pm$ 199.549 χ^2 /NDF: 19.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 442.774 $\pm$ 185.691 χ^2 /NDF: 12.6/16

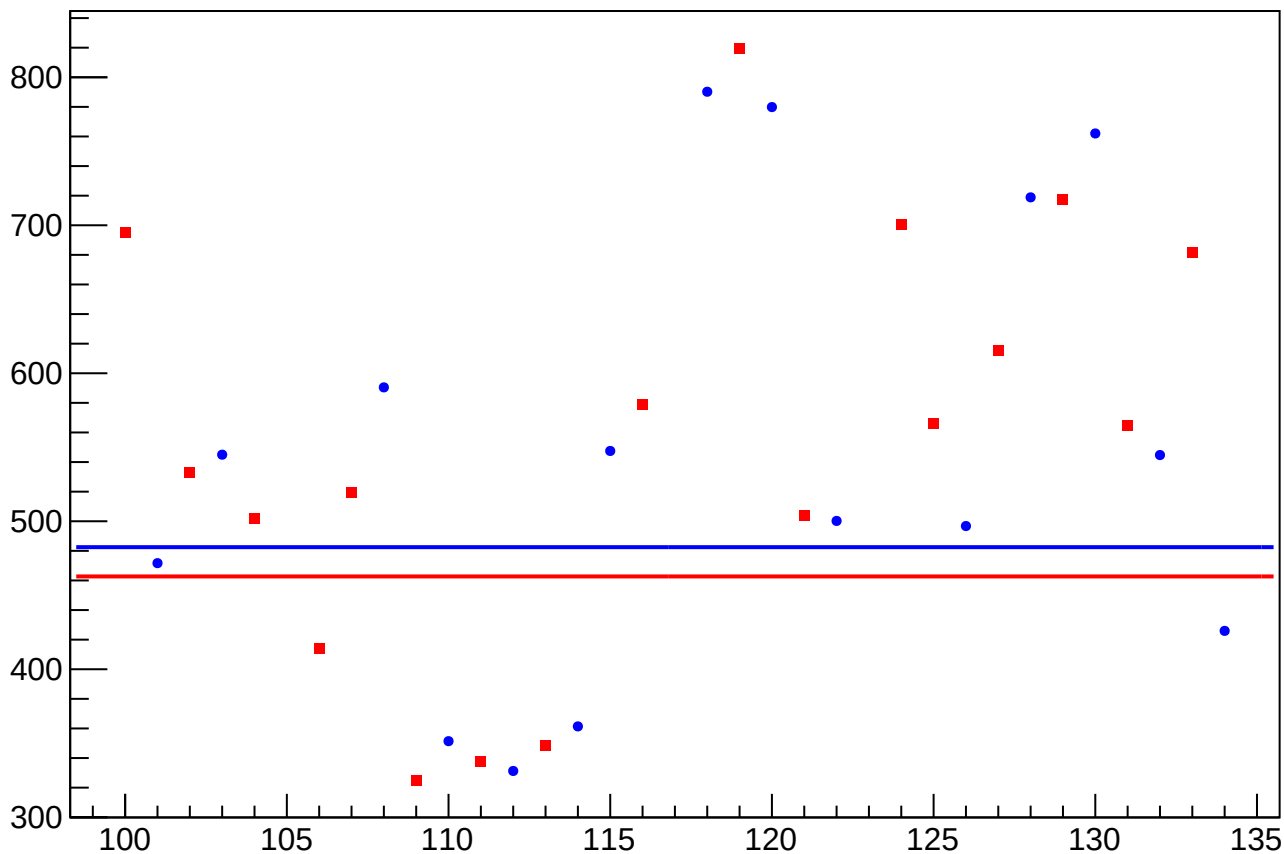
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 256.724 $\pm$ 135.939 χ^2 /NDF: 34.6/31

- sign 0.000 $\pm$ 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

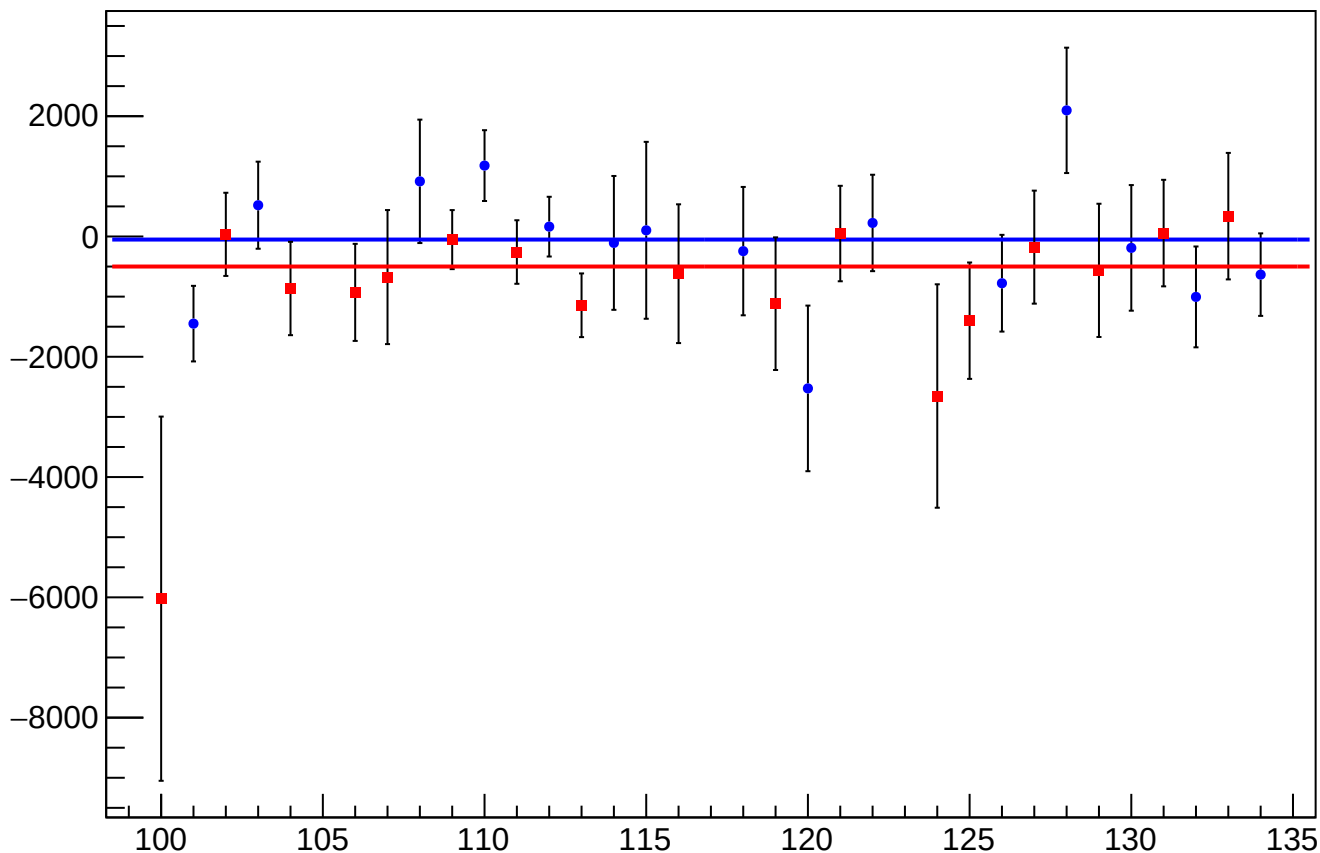
Right Out: 462.717+/-0.131 χ^2/NDF : 1062117.5/16

All: 471.897+/-0.096 χ^2/NDF : 1996931.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_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: -499.596+/-195.557 χ^2/NDF : 11.1/16

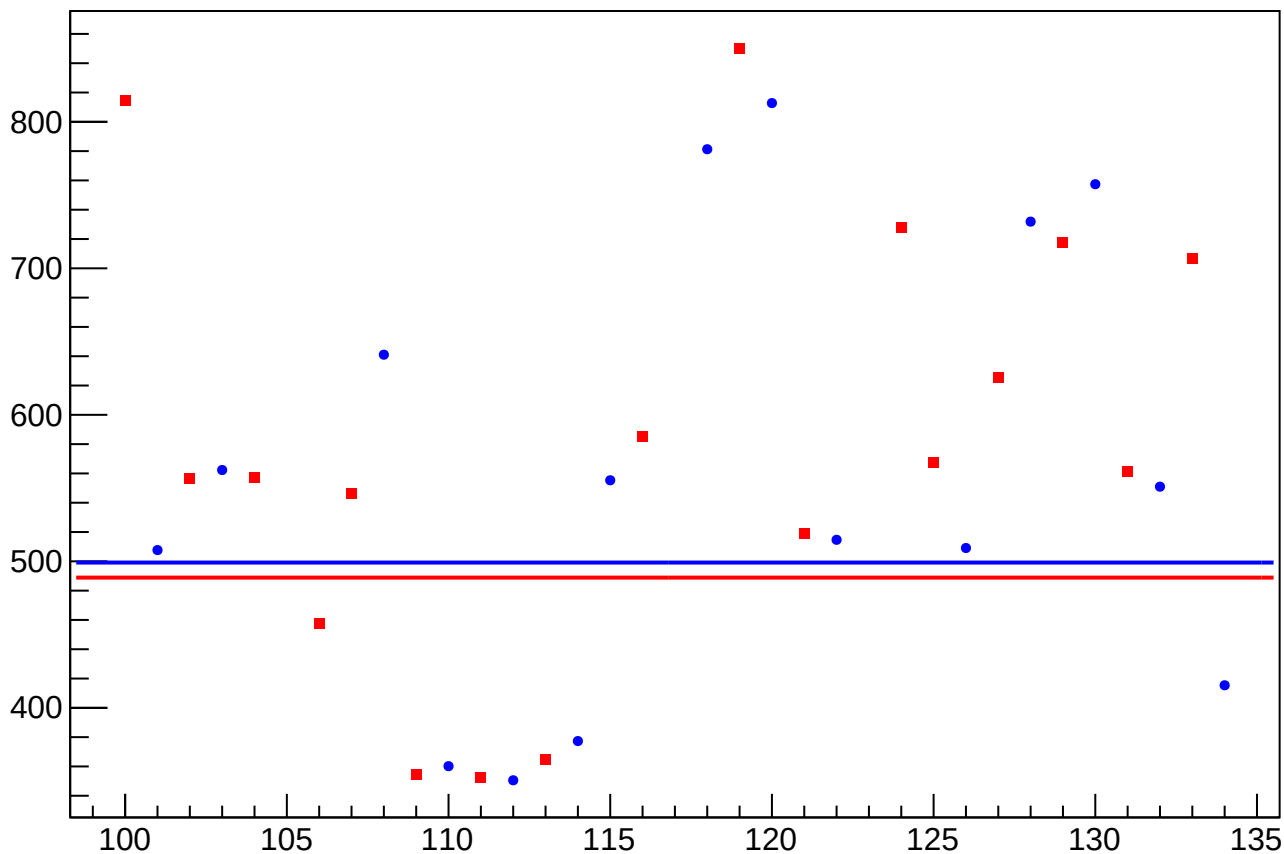
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -287.343+/-141.929 χ^2/NDF : 35.1/31

- 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: 488.888+/-0.138 χ^2/NDF : 962701.4/16

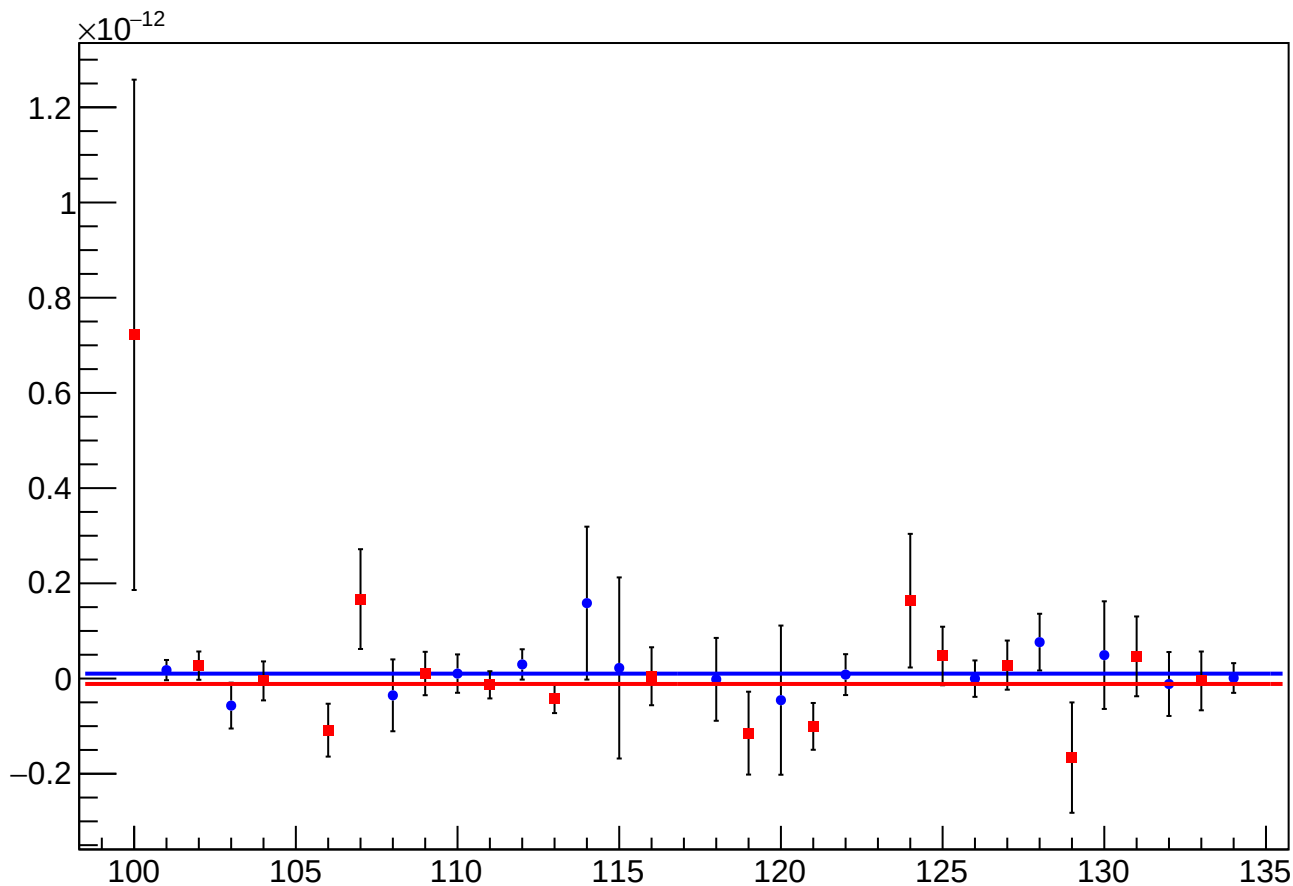
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 493.755+/-0.100 χ^2/NDF : 1840637.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.9/16

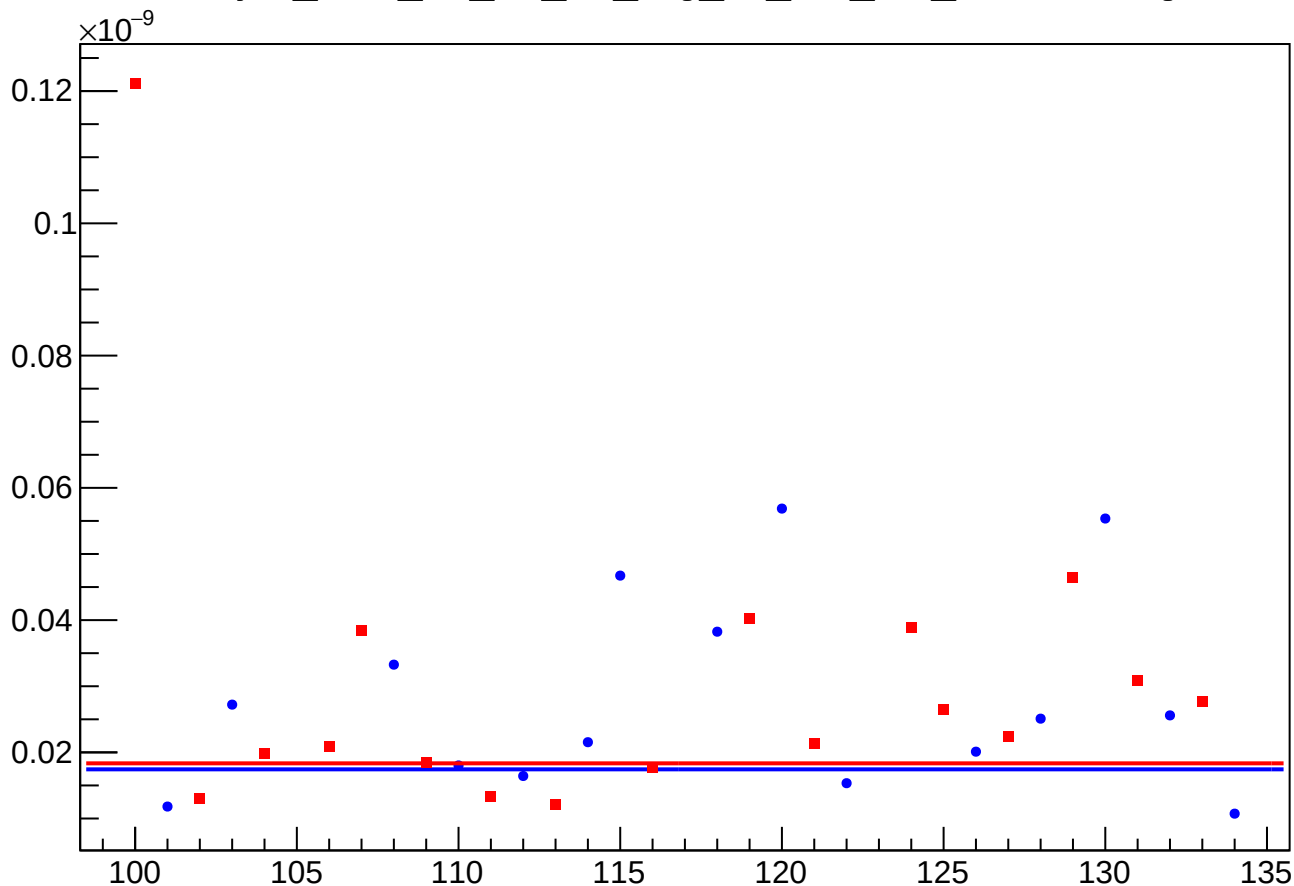
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 28.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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 : 794168.8/16

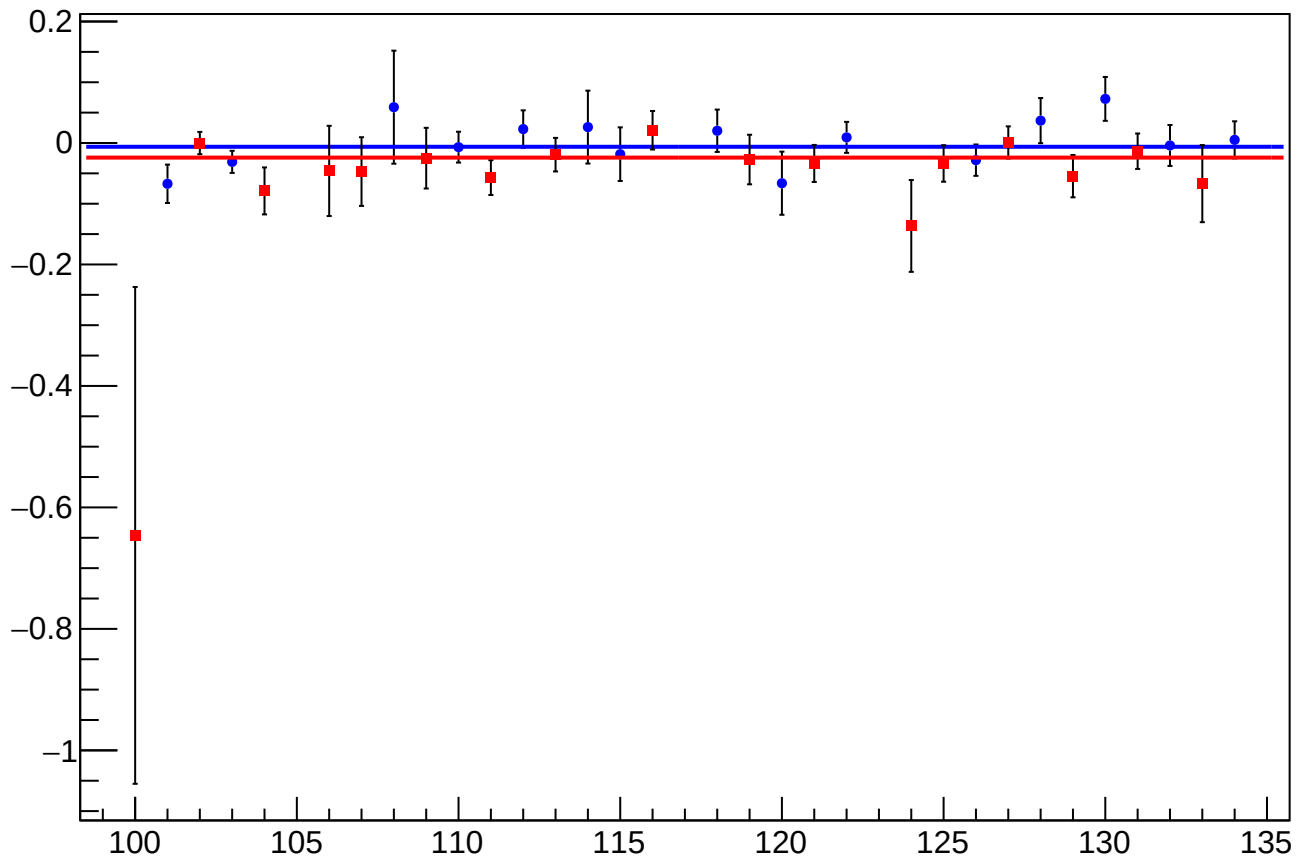
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1797466.0/31

- 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 ± 0.008 χ^2/NDF : 16.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.024 ± 0.008 χ^2/NDF : 14.3/16

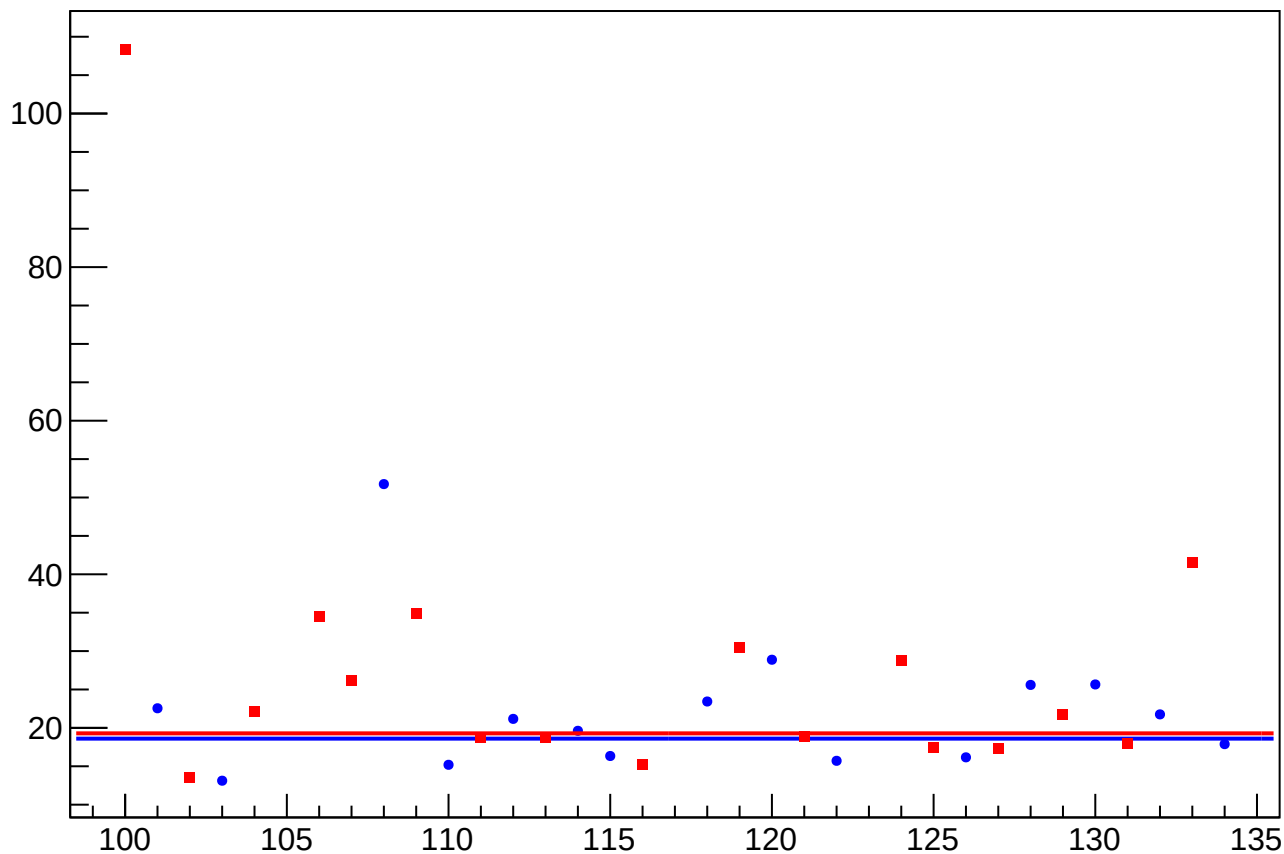
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.006 χ^2/NDF : 33.3/31

- sign 0.000 ± 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: 19.287+/-0.006 χ^2/NDF : 1098735.1/16

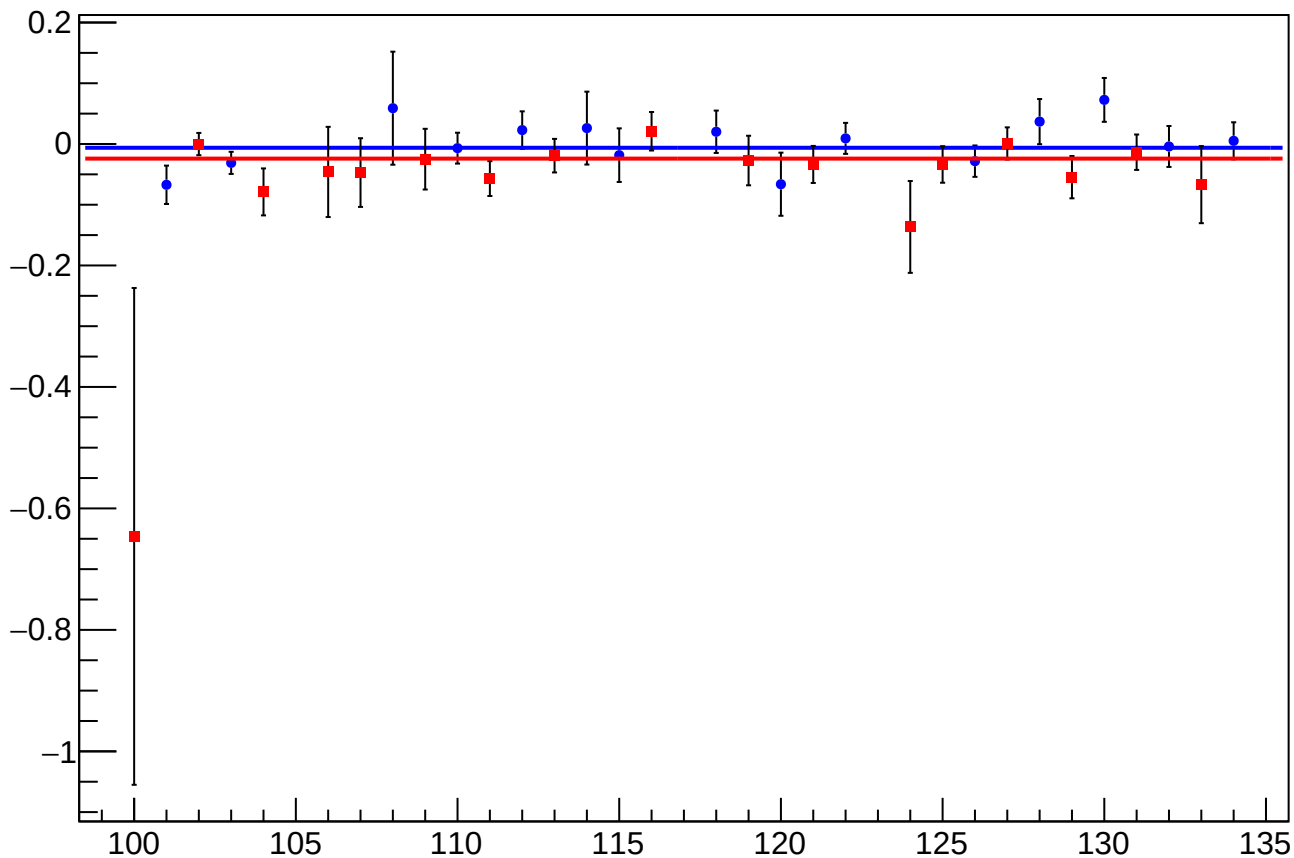
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.938+/-0.004 χ^2/NDF : 1953271.5/31

- 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 ± 0.008 χ^2/NDF : 16.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.024 ± 0.008 χ^2/NDF : 14.3/16

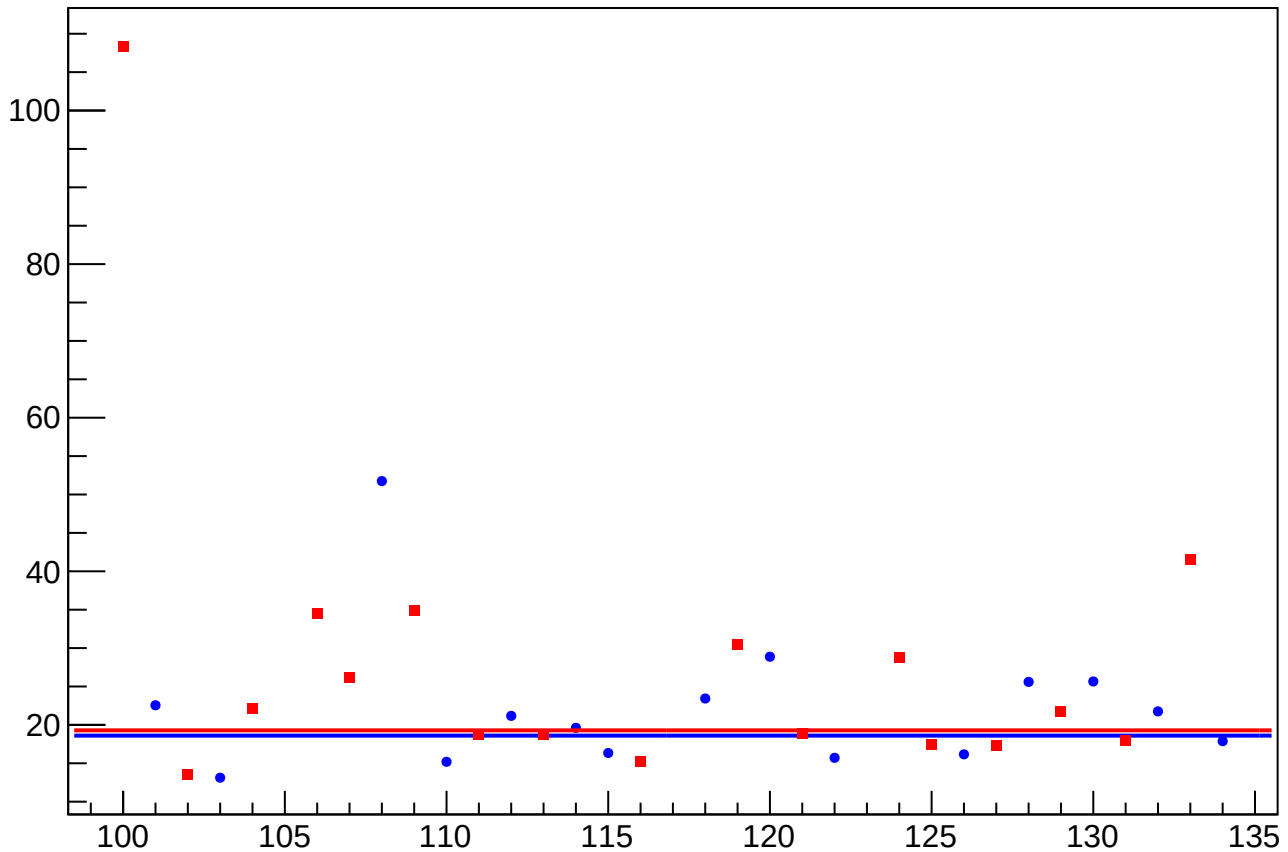
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.006 χ^2/NDF : 33.3/31

- sign 0.000 ± 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 $\pm$ 0.006 χ^2 /NDF: 847477.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.287 $\pm$ 0.006 χ^2 /NDF: 1098735.1/16

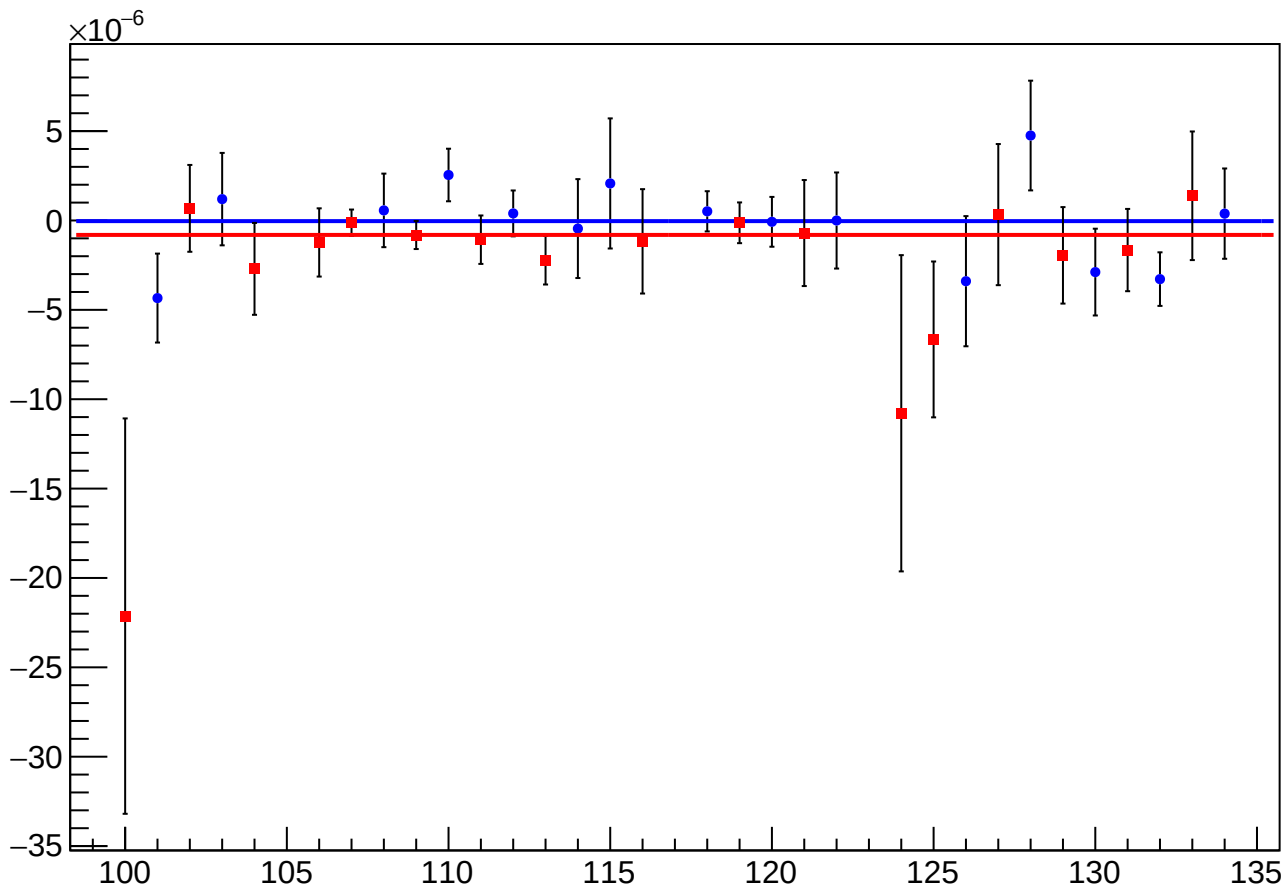
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.938 $\pm$ 0.004 χ^2 /NDF: 1953271.5/31

- sign 0.000 $\pm$ 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 : 10.9/16

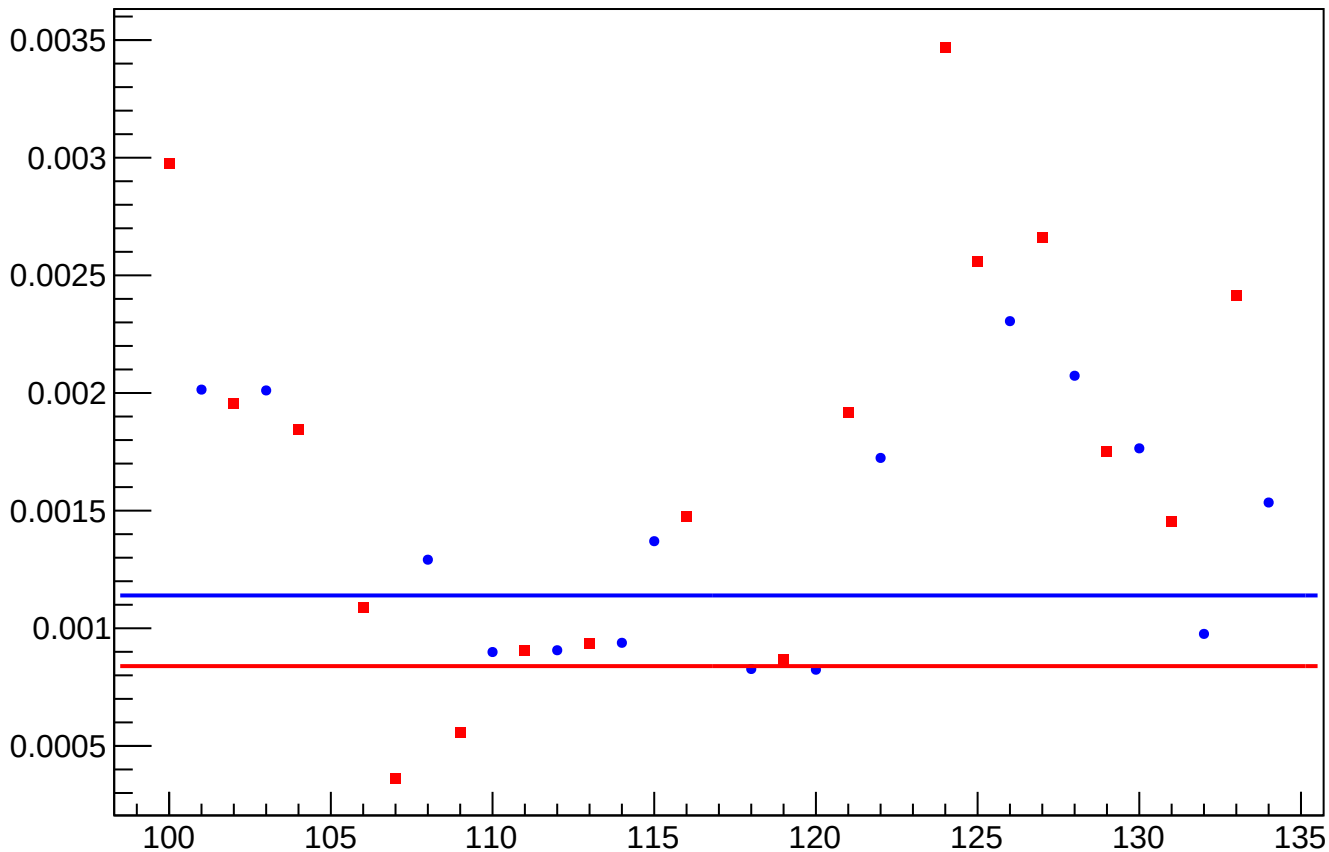
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.9/31

- 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 : 3982919.7/16

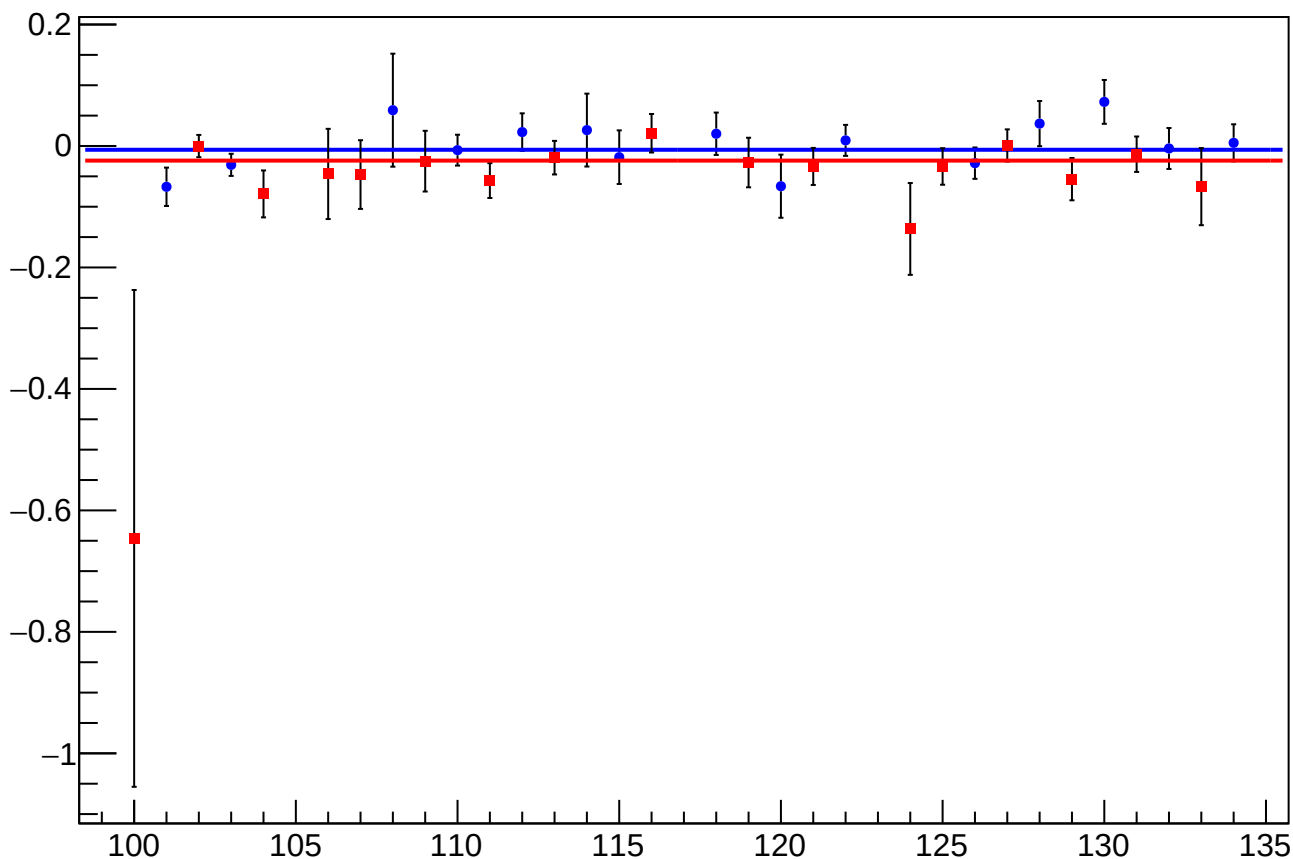
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6020096.2/31

- 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: -0.024 $\pm$ 0.008 χ^2 /NDF: 14.3/16

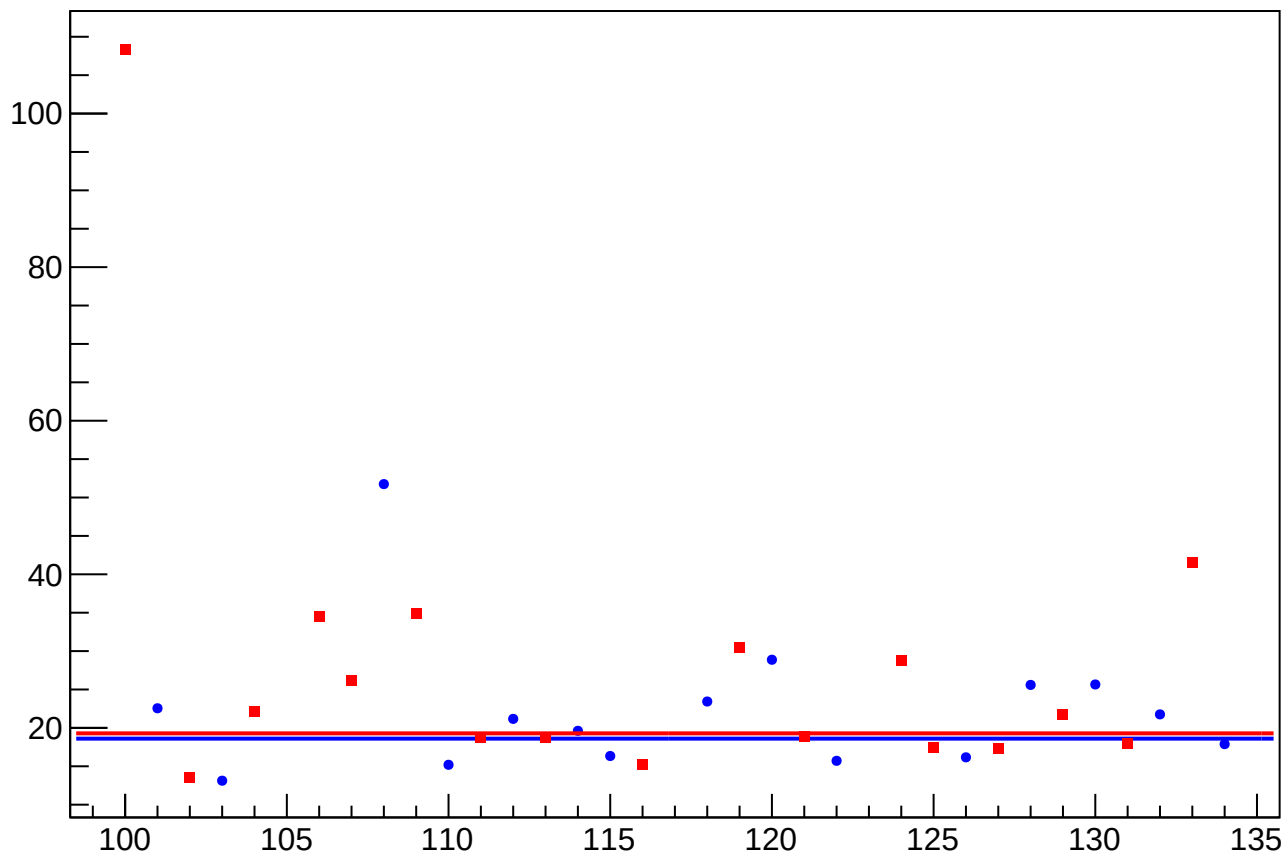
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.015 $\pm$ 0.006 χ^2 /NDF: 33.3/31

- 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: 19.288+/-0.006 χ^2/NDF : 1098595.6/16

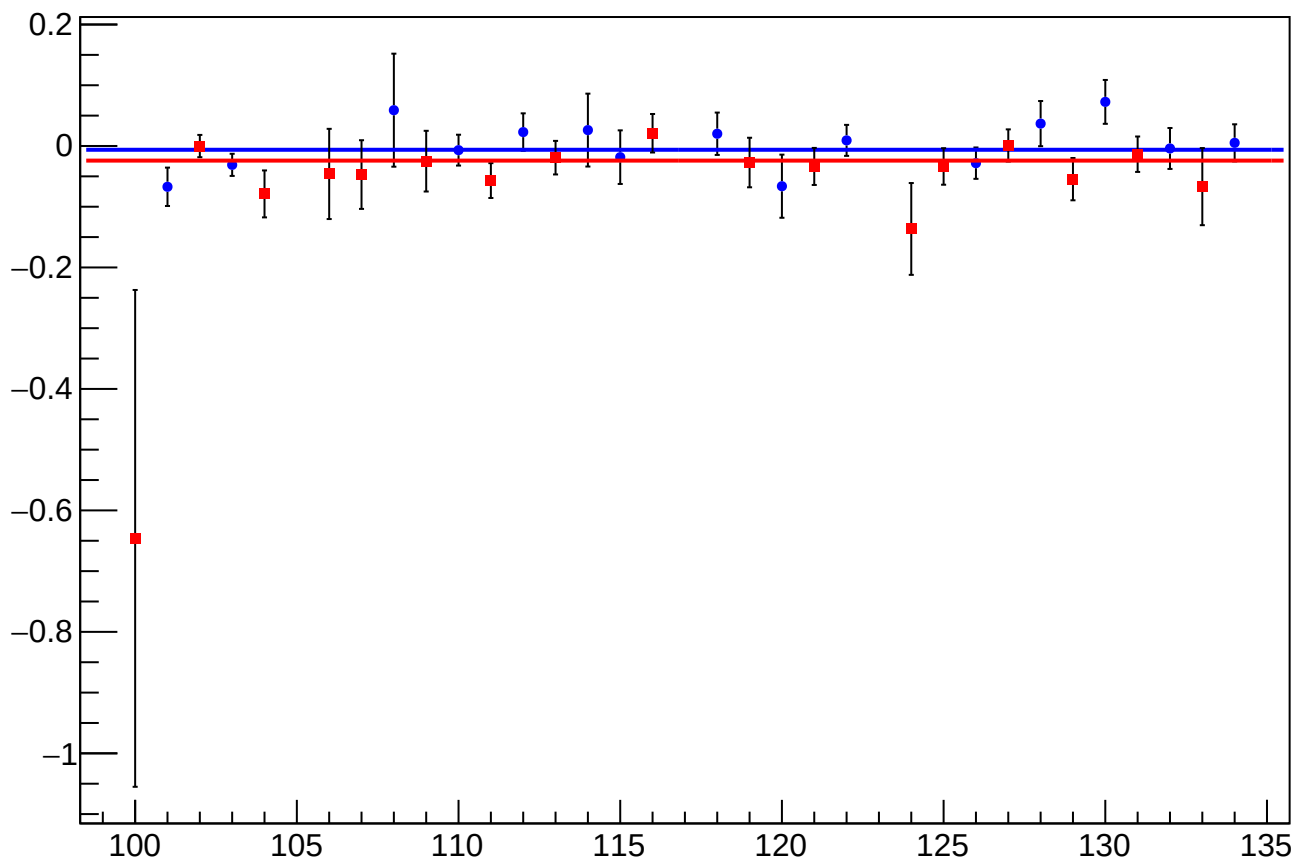
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.939+/-0.004 χ^2/NDF : 1952998.7/31

- 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 ± 0.008 χ^2/NDF : 16.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.024 ± 0.008 χ^2/NDF : 14.3/16

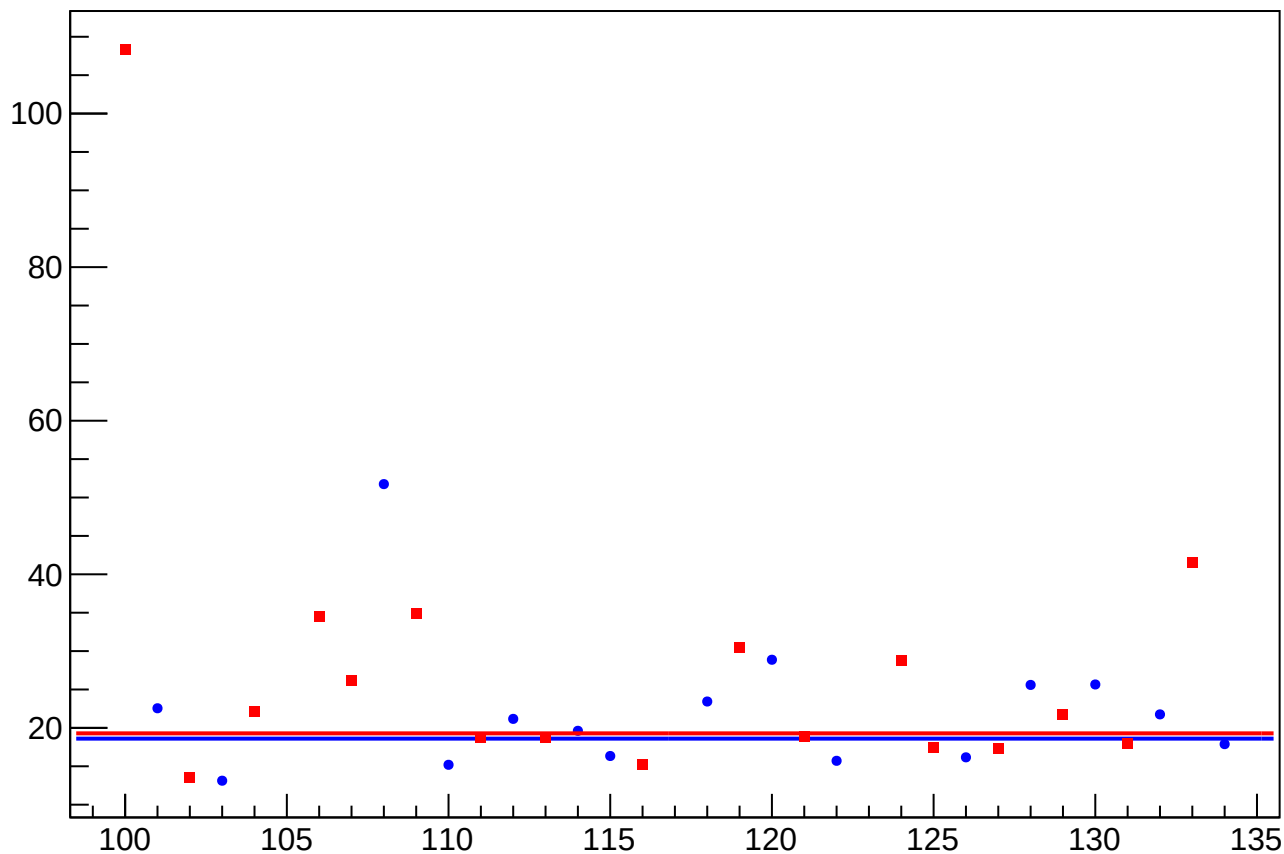
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.006 χ^2/NDF : 33.3/31

- sign 0.000 ± 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: 19.288+/-0.006 χ^2/NDF : 1098595.6/16

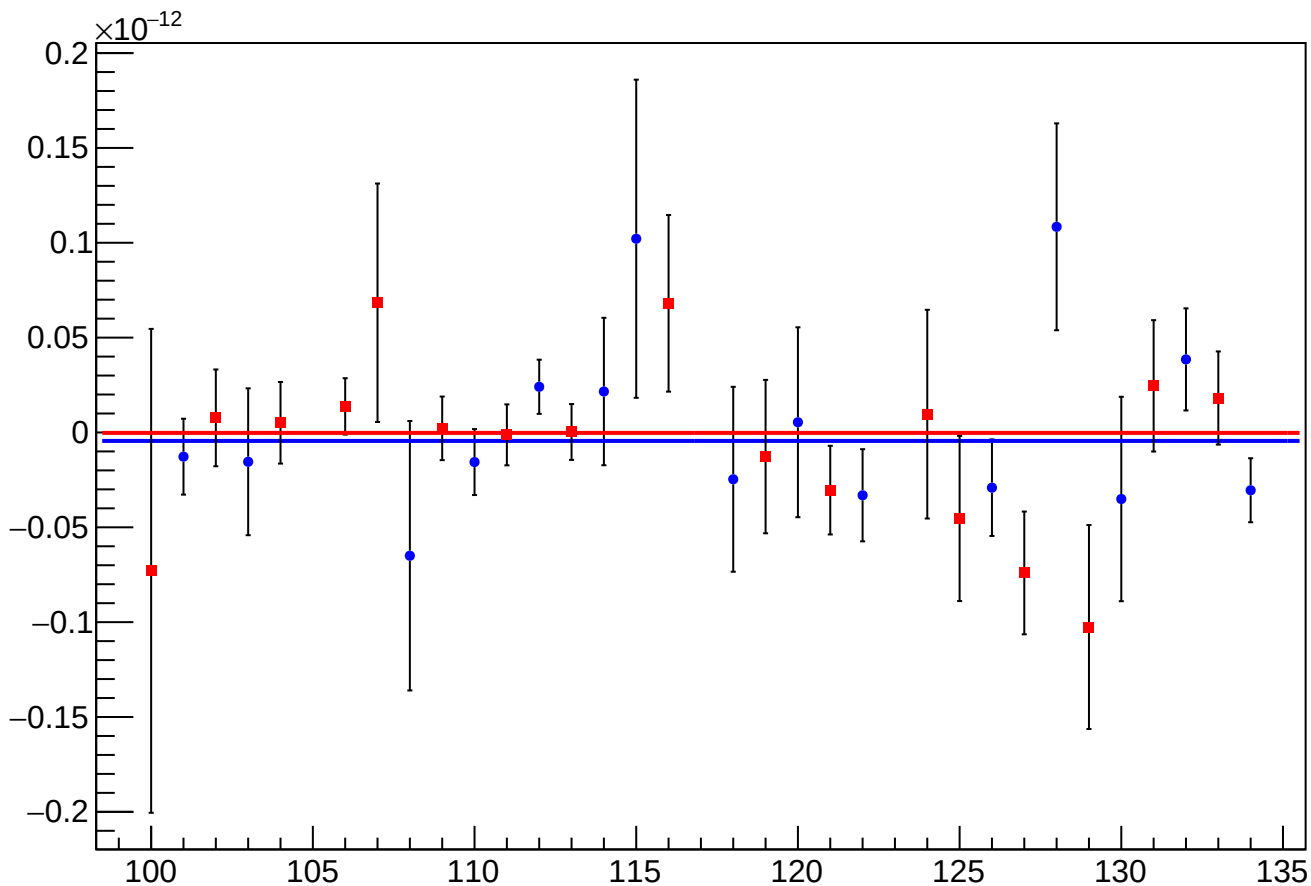
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.939+/-0.004 χ^2/NDF : 1952998.7/31

- 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 : 17.5/16

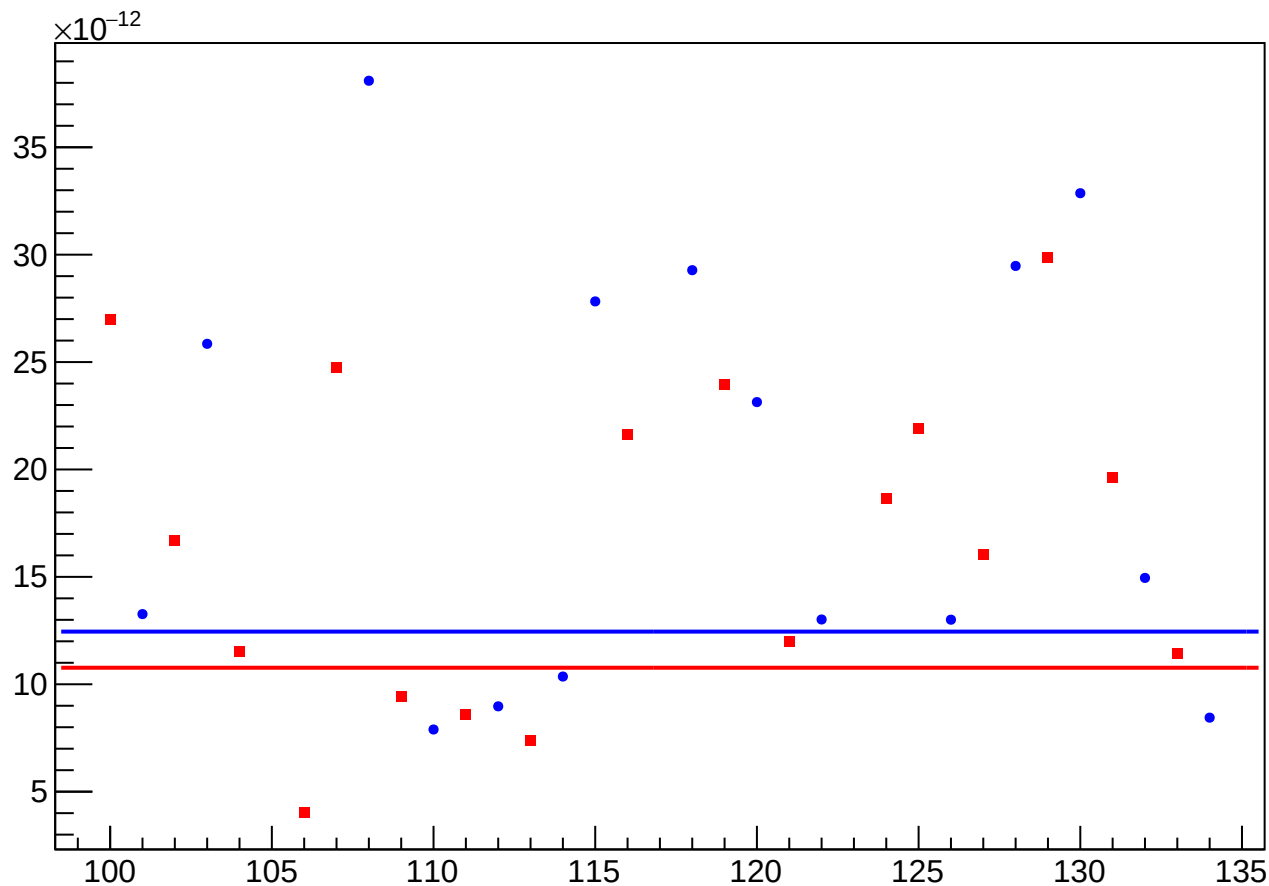
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 37.3/31

- 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 : 1745458.7/16

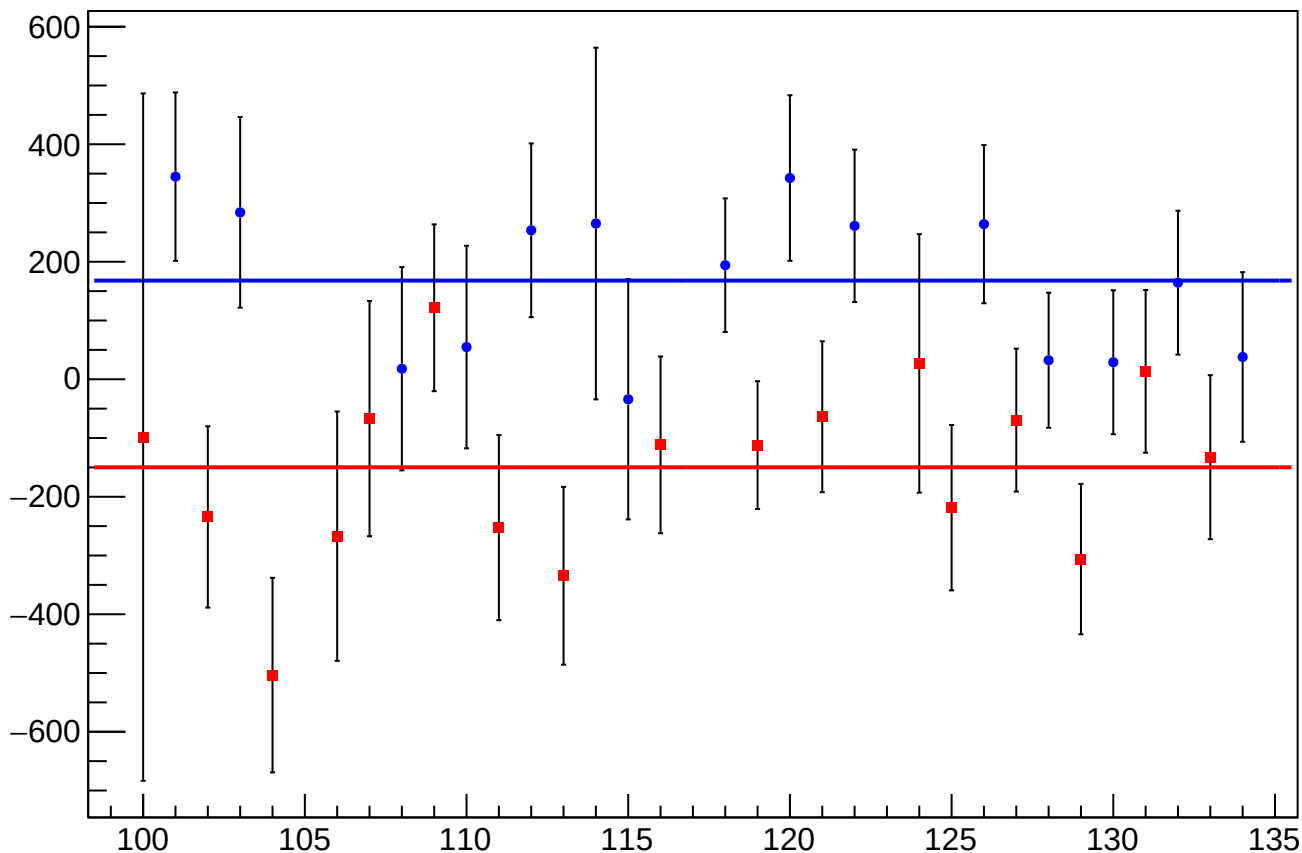
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3591506.8/31

- 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: -149.843 $\pm$ 36.400 χ^2 /NDF: 15.8/16

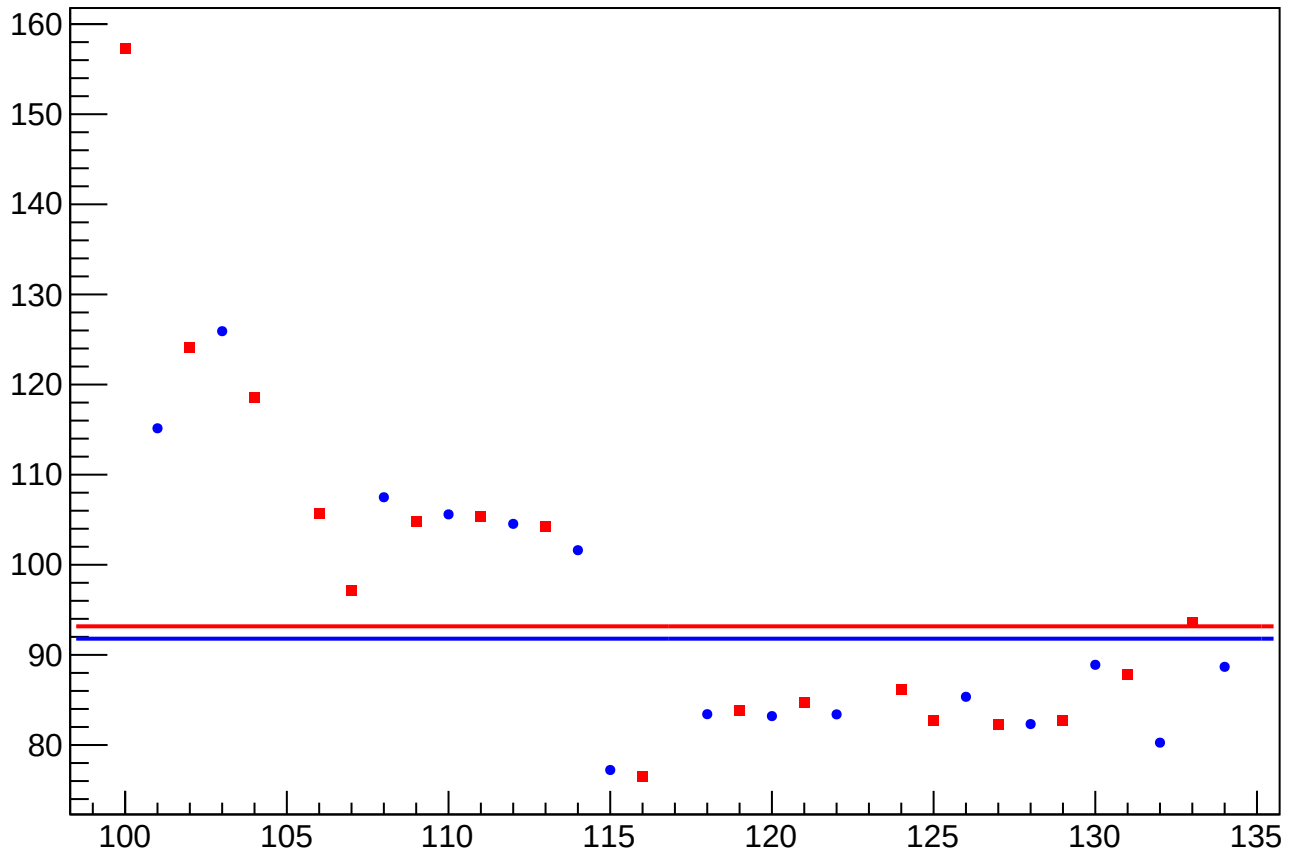
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.821 $\pm$ 25.920 χ^2 /NDF: 64.1/31

- 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: 93.170+/-0.026 χ^2/NDF : 288317.6/16

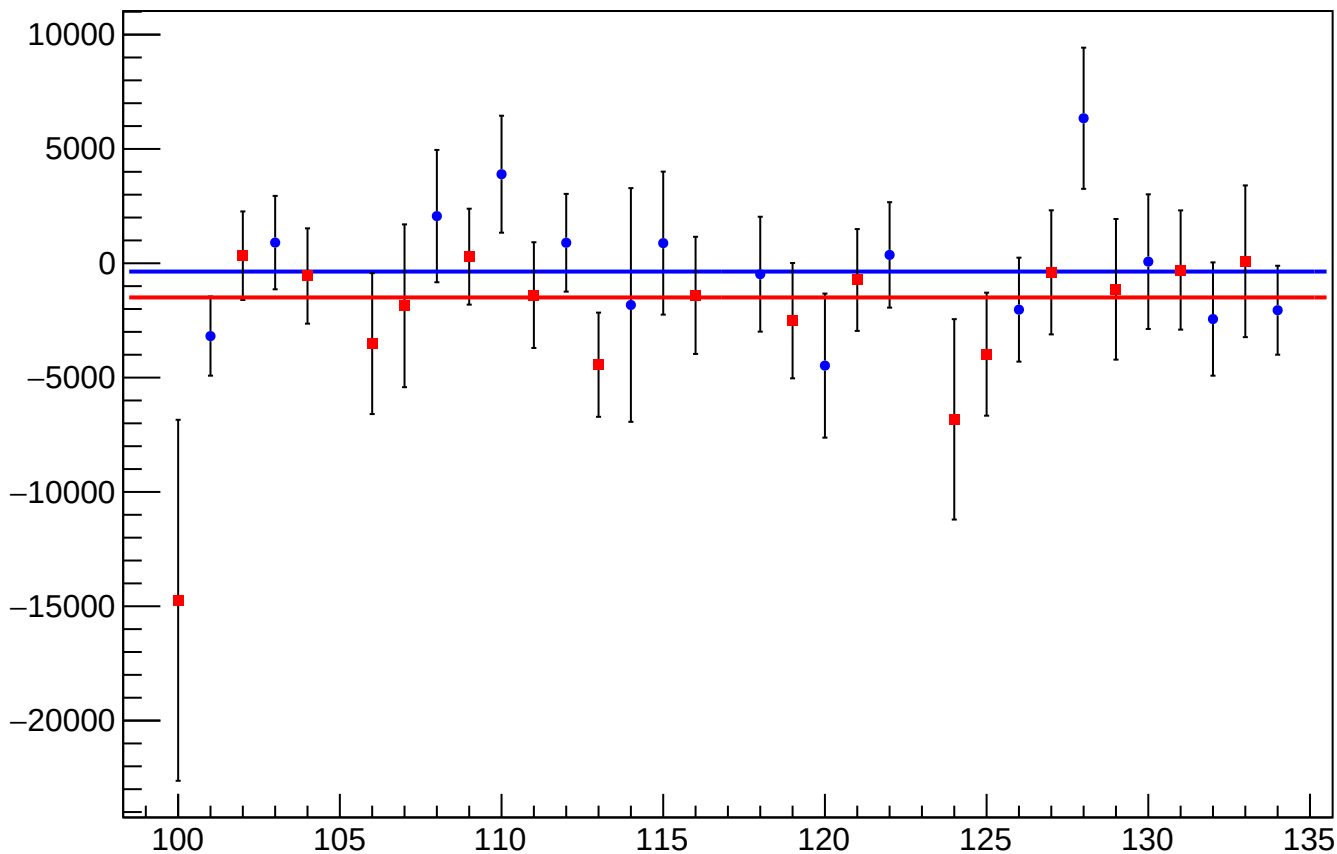
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.494+/-0.018 χ^2/NDF : 552294.9/31

- 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: -1493.570+/-634.340 χ^2/NDF : 10.0/16

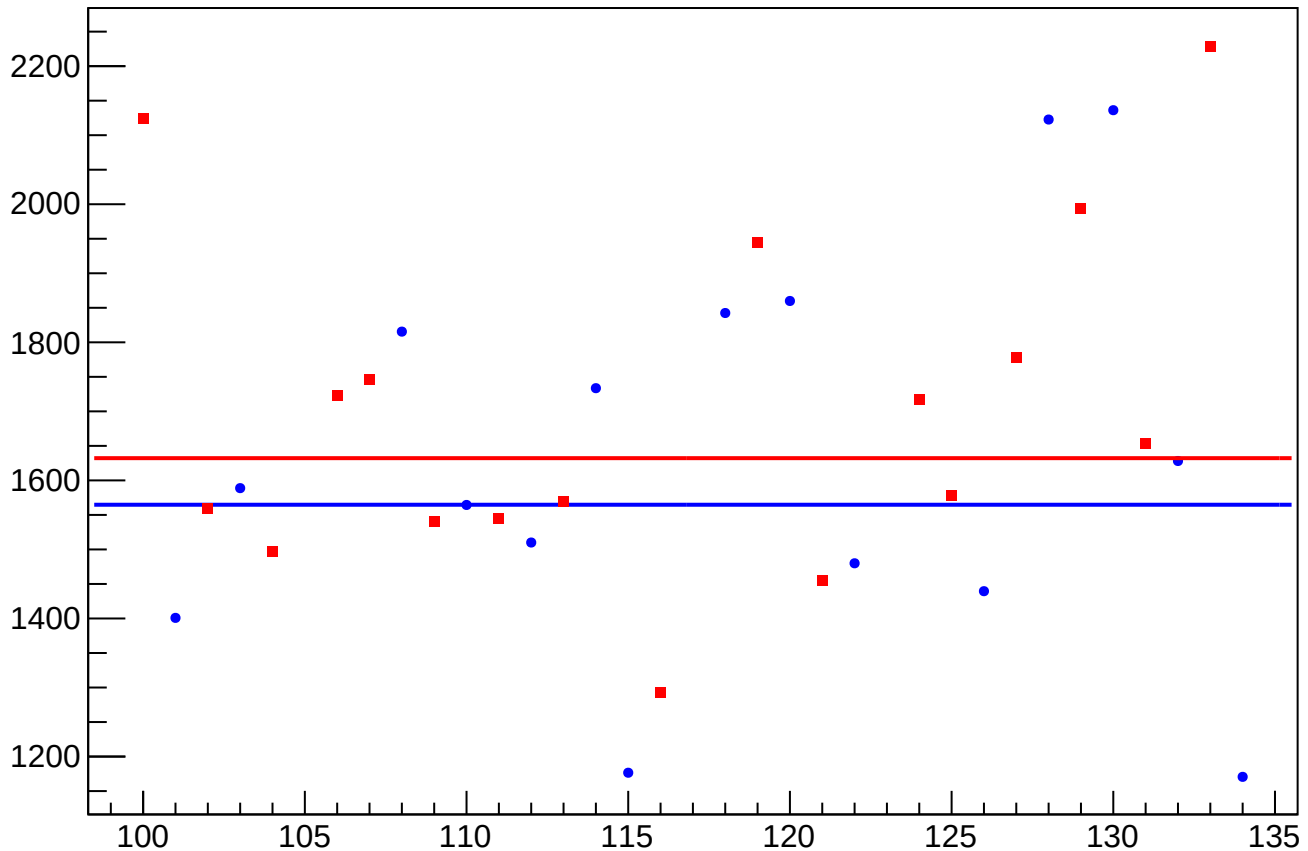
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -927.011+/-448.176 χ^2/NDF : 27.2/31

- 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 $\pm$ 0.448 χ^2 /NDF: 342415.8/14

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

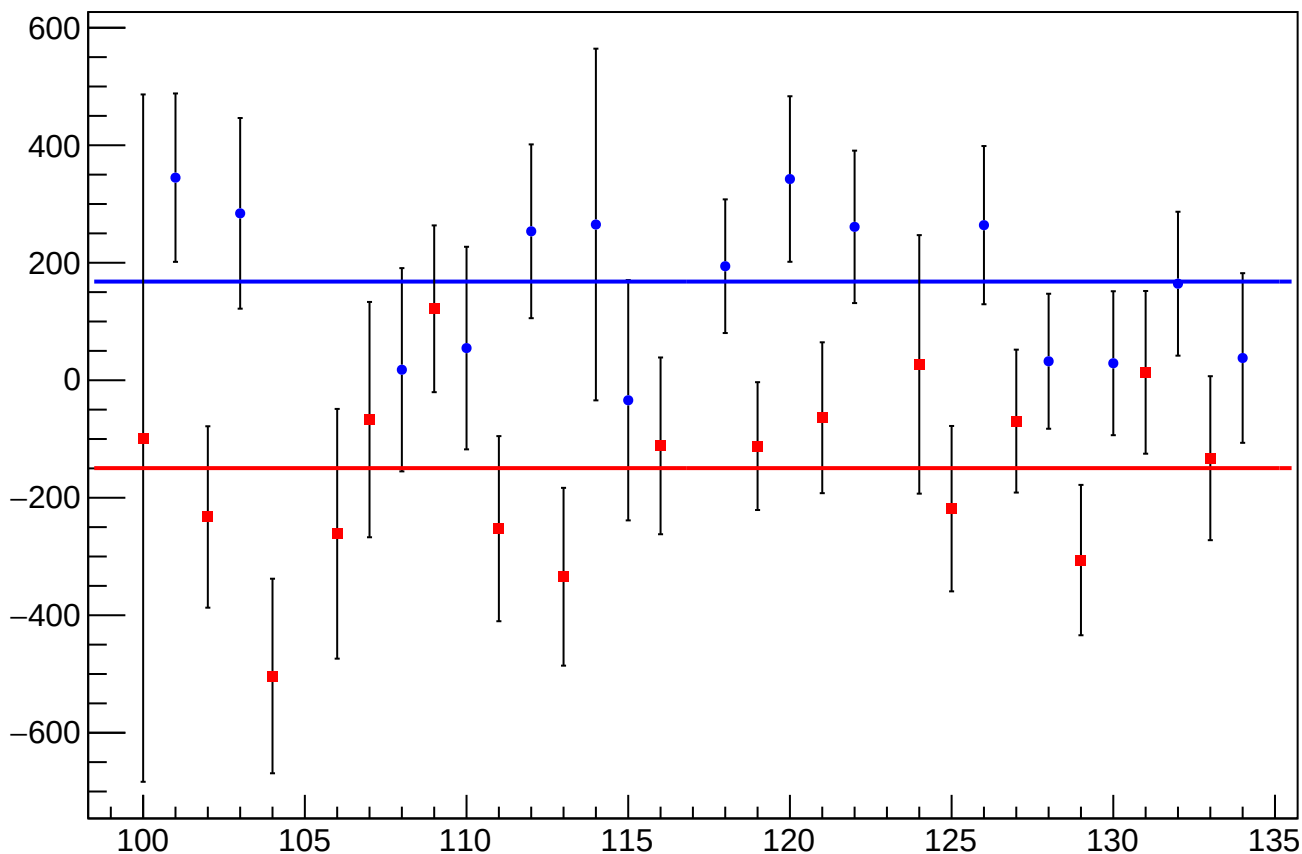
Right Out: 1632.212 $\pm$ 0.449 χ^2 /NDF: 209441.7/16

All: 1598.420 $\pm$ 0.317 χ^2 /NDF: 563190.0/31

- 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

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: -149.554 $\pm$ 36.403 χ^2 /NDF: 15.7/16

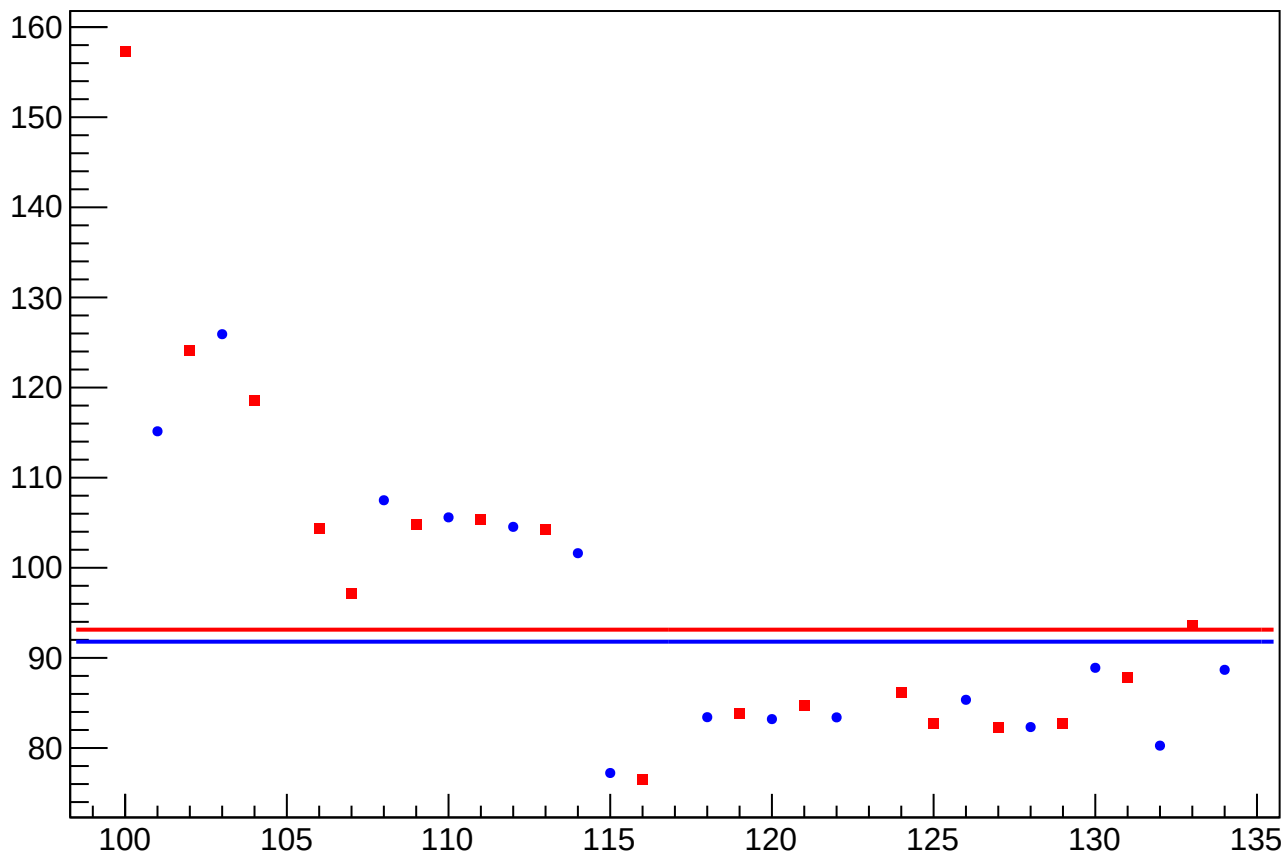
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.977 $\pm$ 25.921 χ^2 /NDF: 64.0/31

- 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: 93.133+/-0.026 χ^2/NDF : 287169.0/16

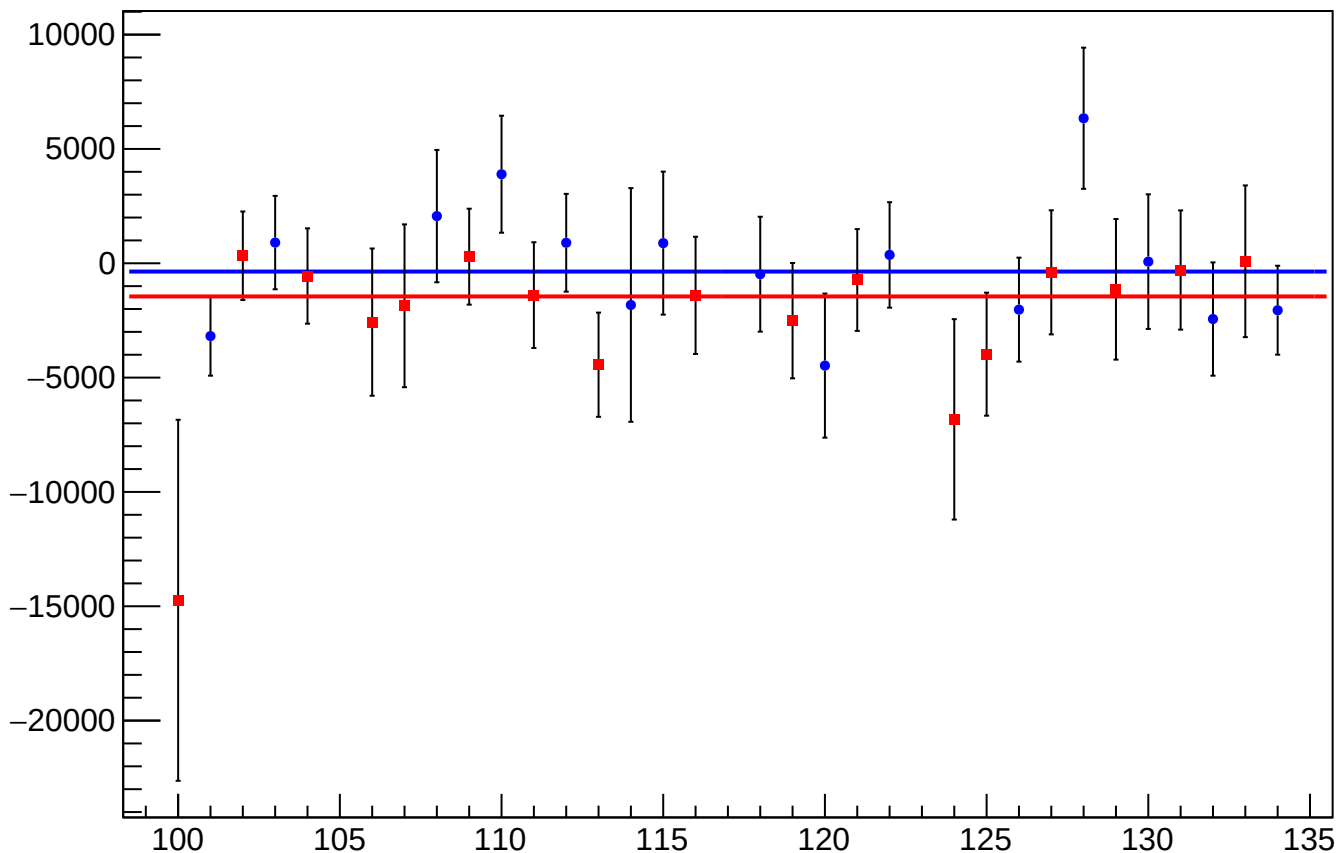
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.475+/-0.018 χ^2/NDF : 551072.9/31

- 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: -1450.251+/-635.501 χ^2/NDF : 9.6/16

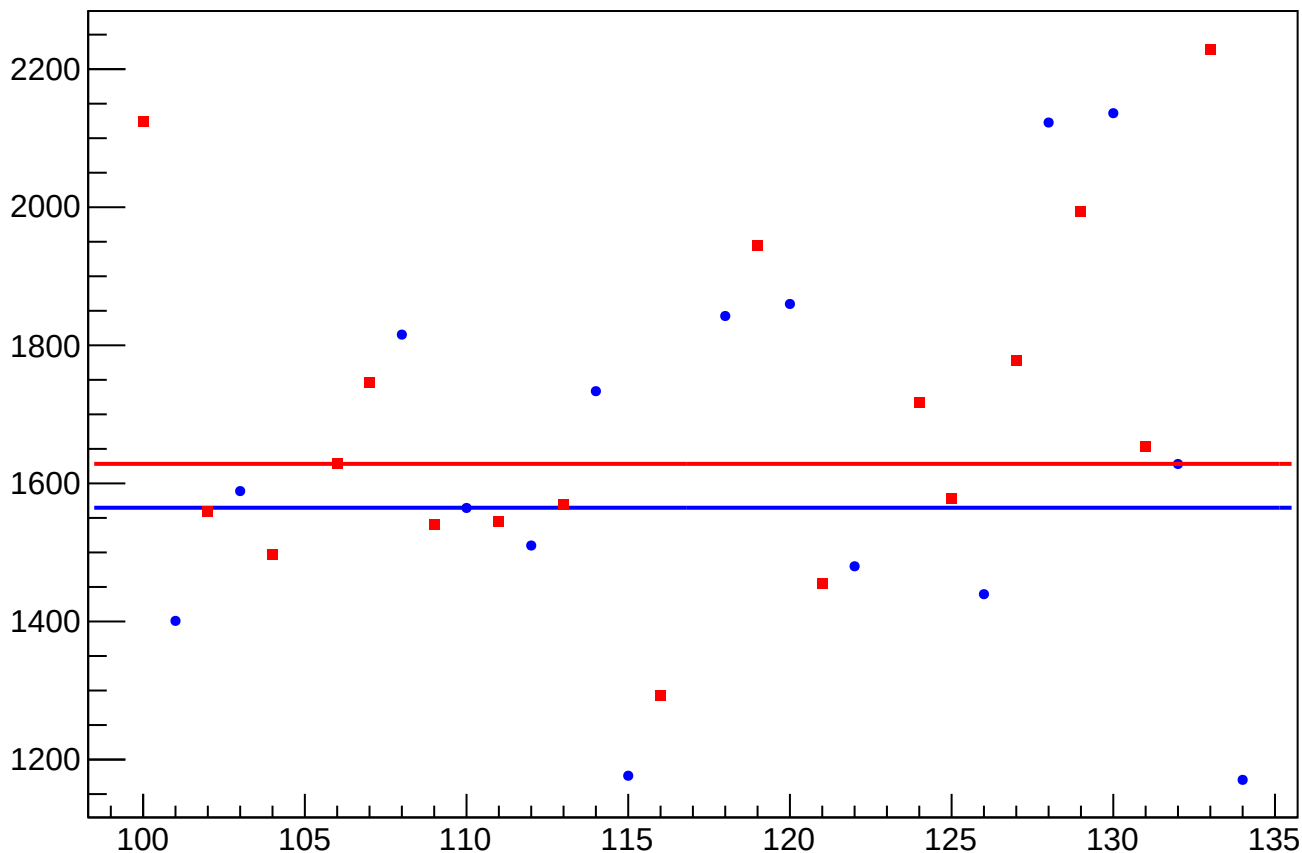
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -904.375+/-448.586 χ^2/NDF : 26.8/31

- 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: 1628.301 $\pm$ 0.449 χ^2 /NDF: 207605.3/16

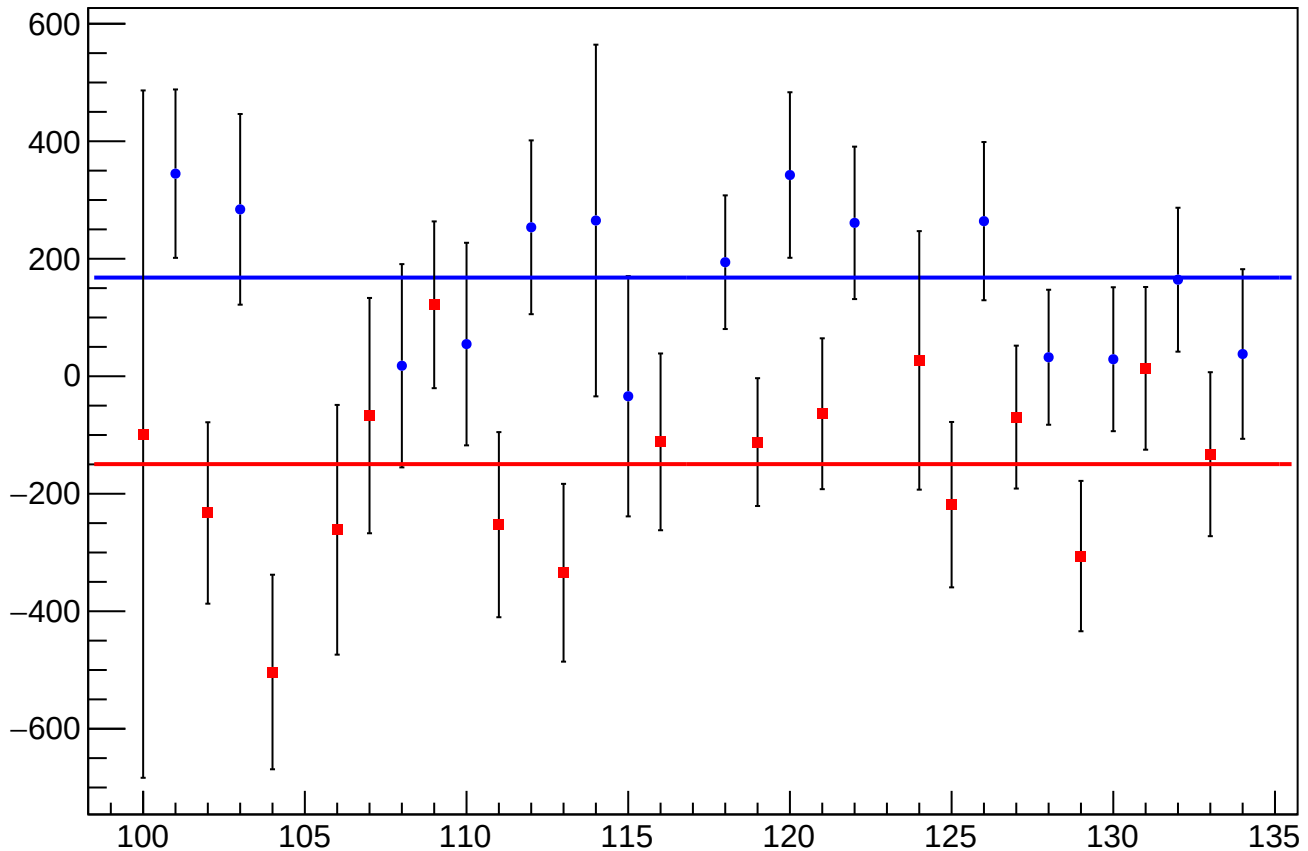
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1596.413 $\pm$ 0.317 χ^2 /NDF: 560058.8/31

- 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: -149.554 $\pm$ 36.403 χ^2 /NDF: 15.7/16

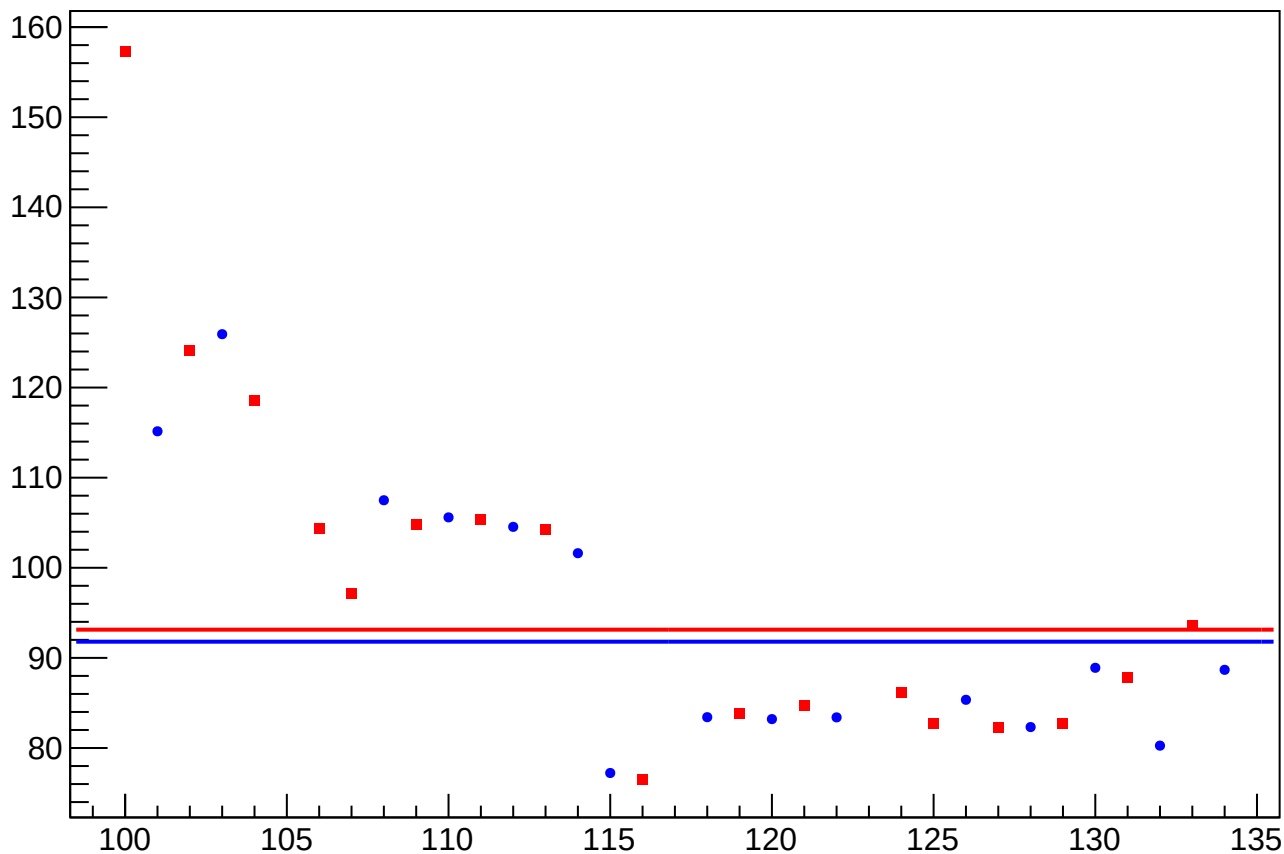
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.977 $\pm$ 25.921 χ^2 /NDF: 64.0/31

- 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: 93.133 $\pm$ 0.026 χ^2 /NDF: 287169.0/16

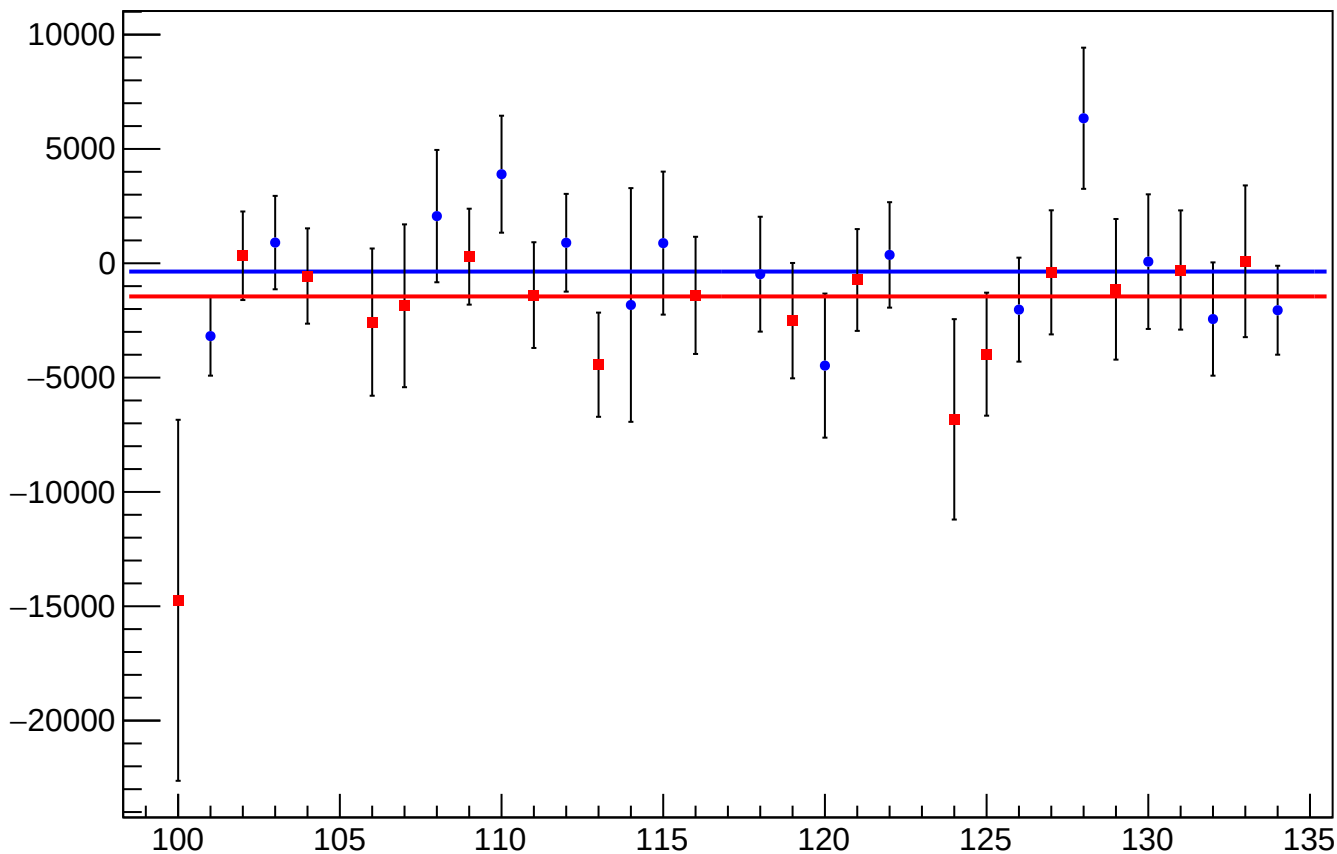
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 92.475 $\pm$ 0.018 χ^2 /NDF: 551072.9/31

- 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: -1450.251+/-635.501 χ^2 /NDF: 9.6/16

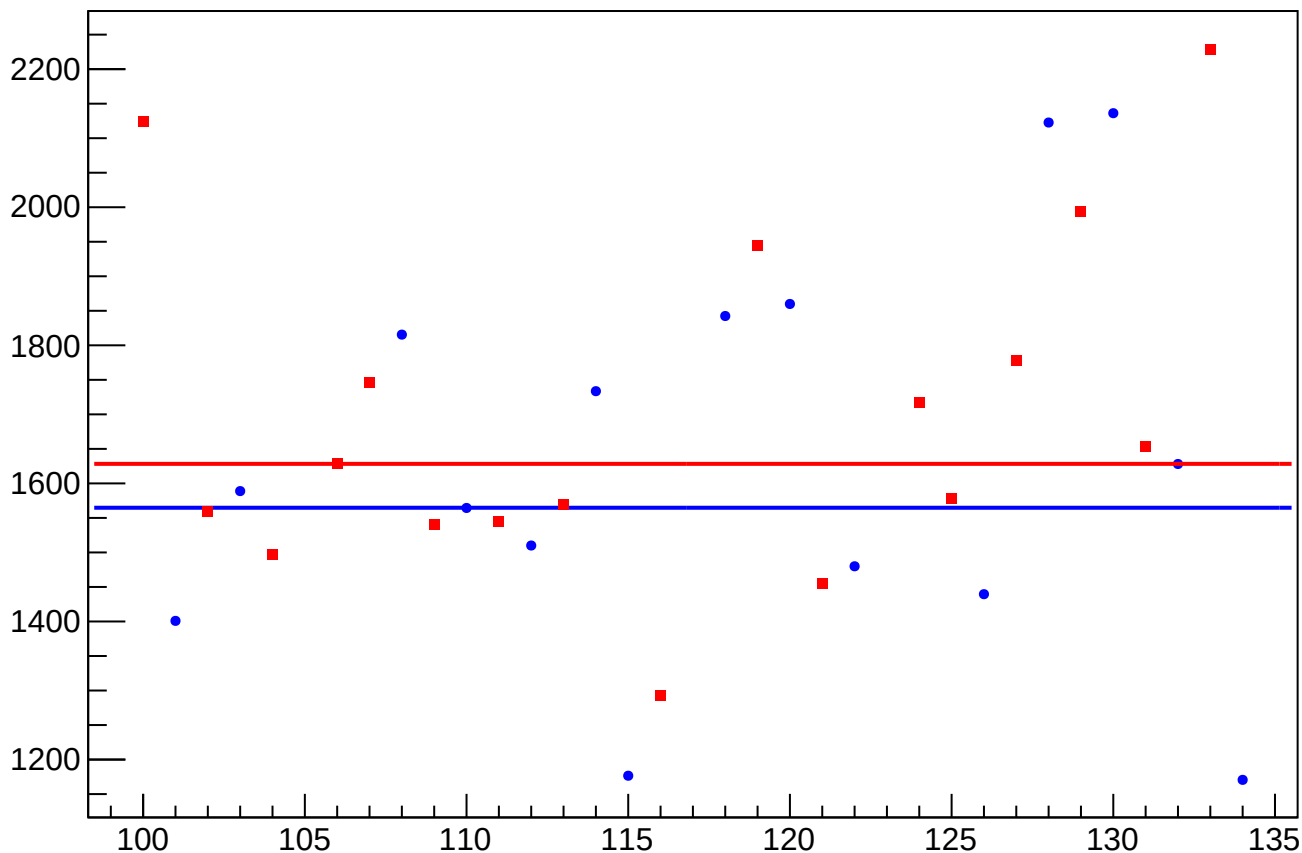
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -904.375+/-448.586 χ^2 /NDF: 26.8/31

- 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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

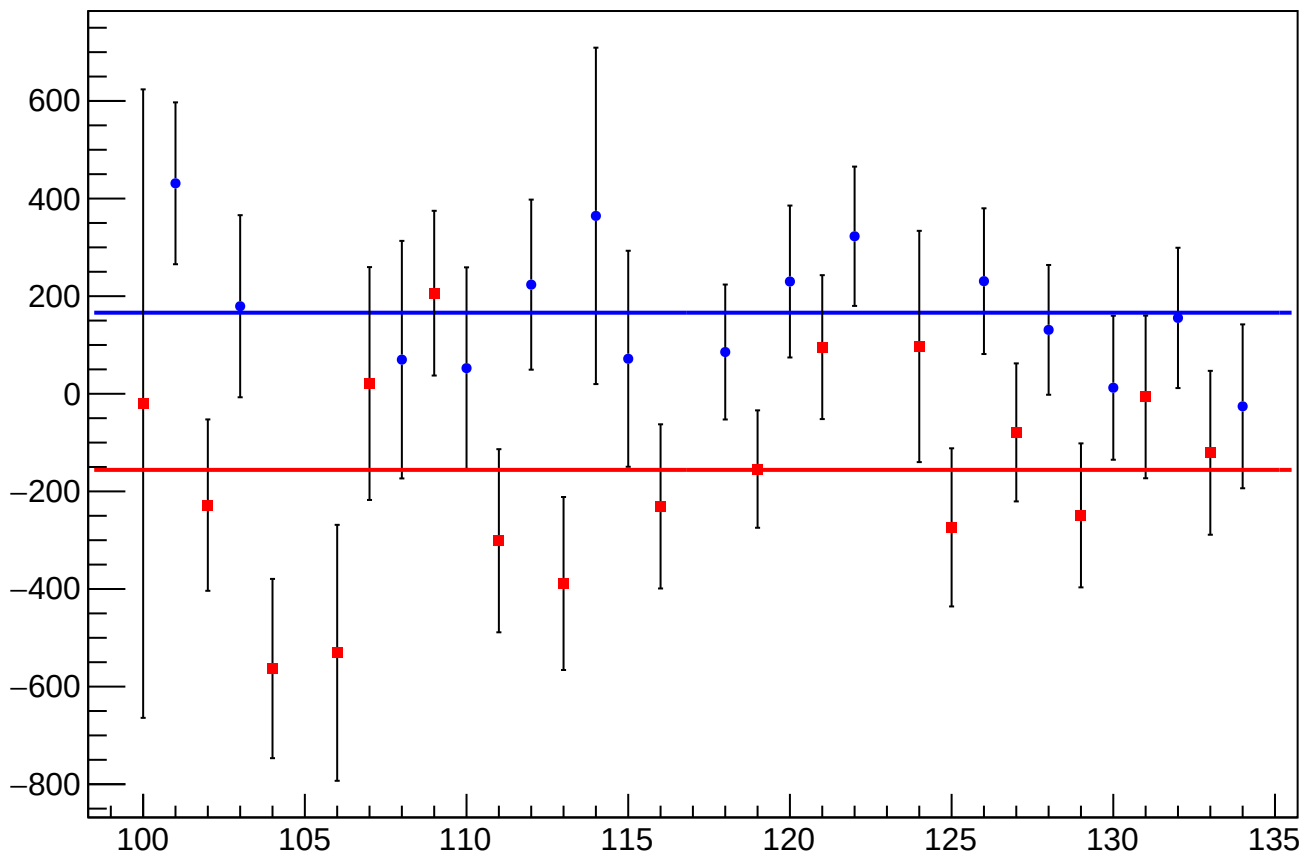
Right Out: 1628.301 $\pm$ 0.449 χ^2 /NDF: 207605.3/16

All: 1596.413 $\pm$ 0.317 χ^2 /NDF: 560058.8/31

- 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

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: -155.932 $\pm$ 42.042 χ^2/NDF : 21.0/16

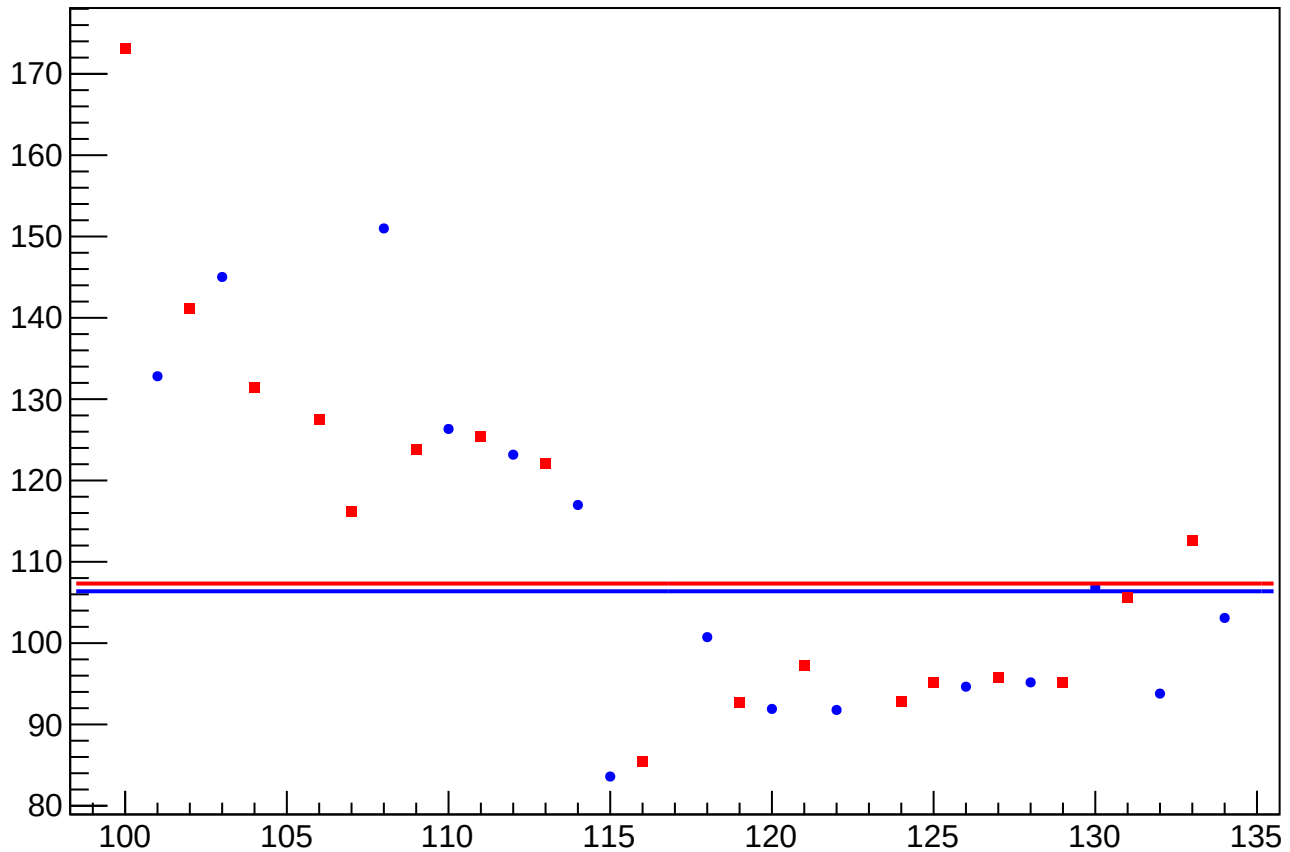
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1.525 $\pm$ 30.057 χ^2/NDF : 57.7/31

- 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: 107.327 $\pm$ 0.030 χ^2 /NDF: 316374.8/16

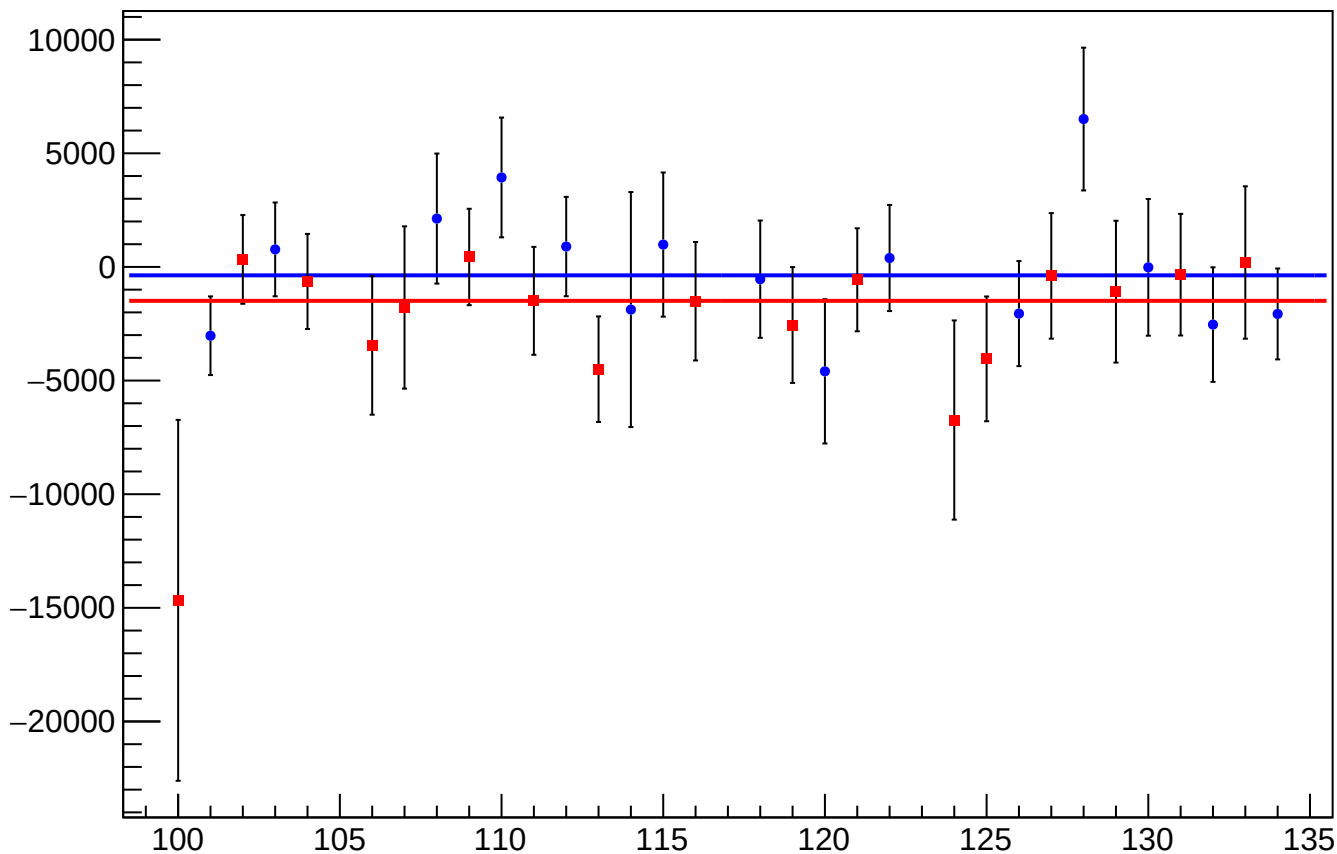
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 106.862 $\pm$ 0.021 χ^2 /NDF: 665302.8/31

- 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: -1491.775 $\pm$ 642.742 χ^2 /NDF: 10.0/16

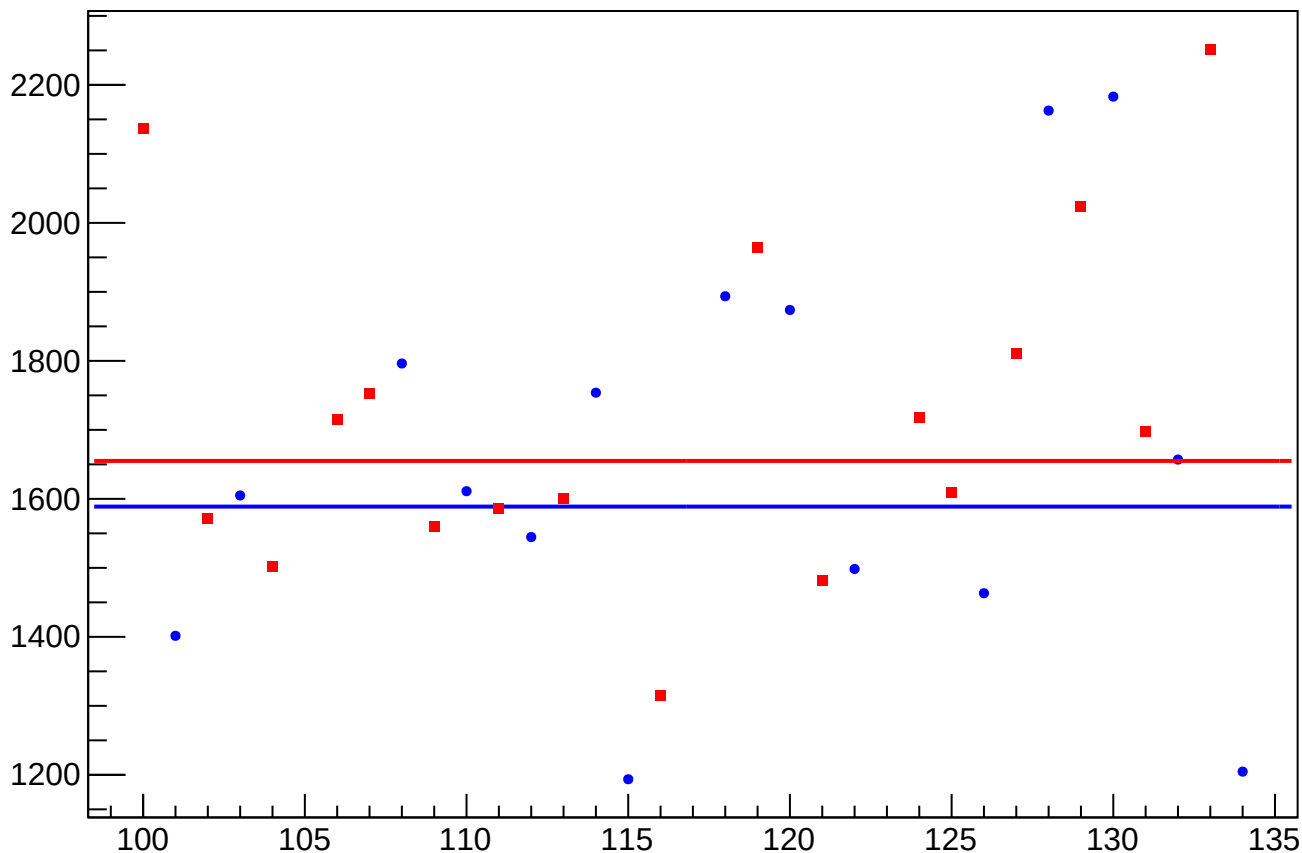
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -930.841 $\pm$ 454.487 χ^2 /NDF: 26.9/31

- 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

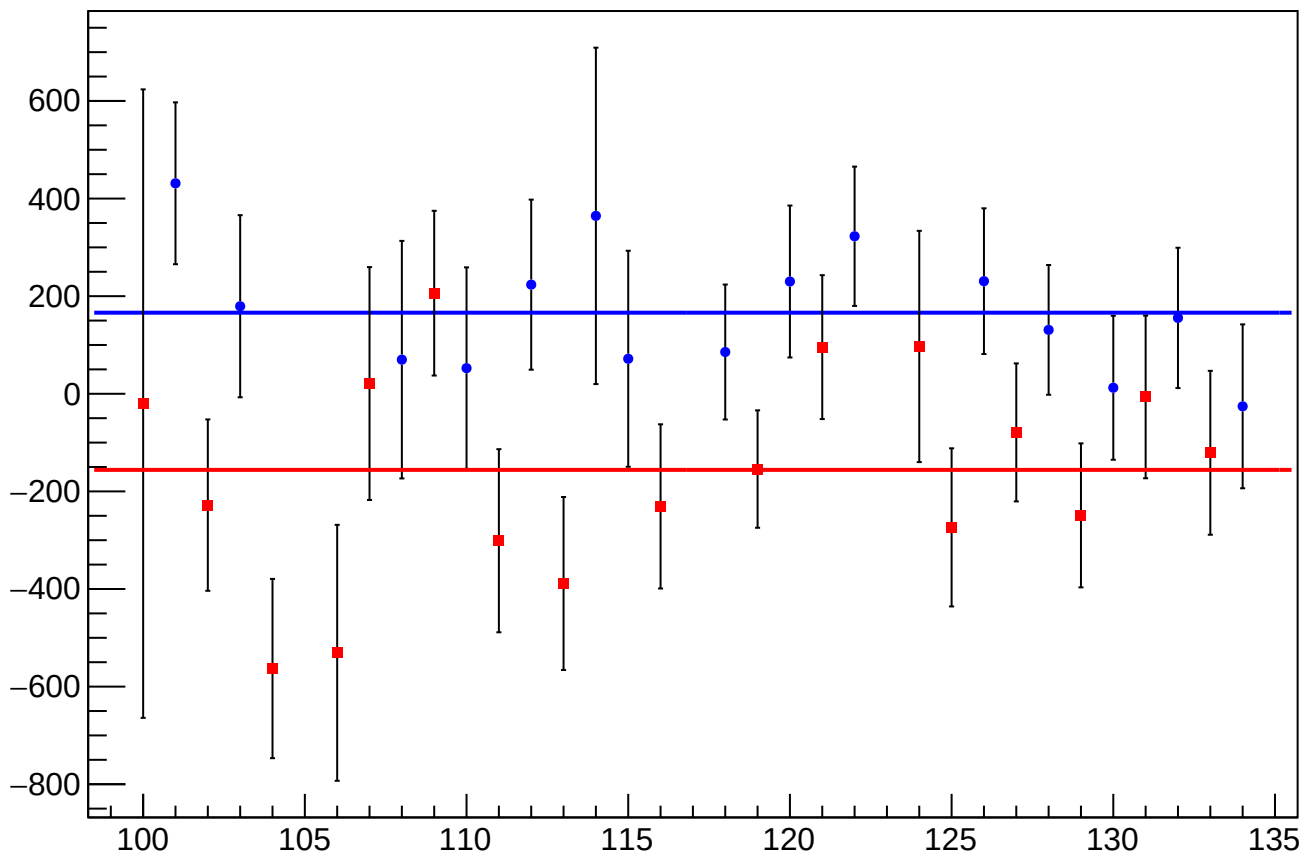
Right Out: 1654.973 $\pm$ 0.454 χ^2 /NDF: 204777.5/16

All: 1621.880 $\pm$ 0.321 χ^2 /NDF: 556538.6/31

- 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_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: -155.929 $\pm$ 42.041 χ^2 /NDF: 21.0/16

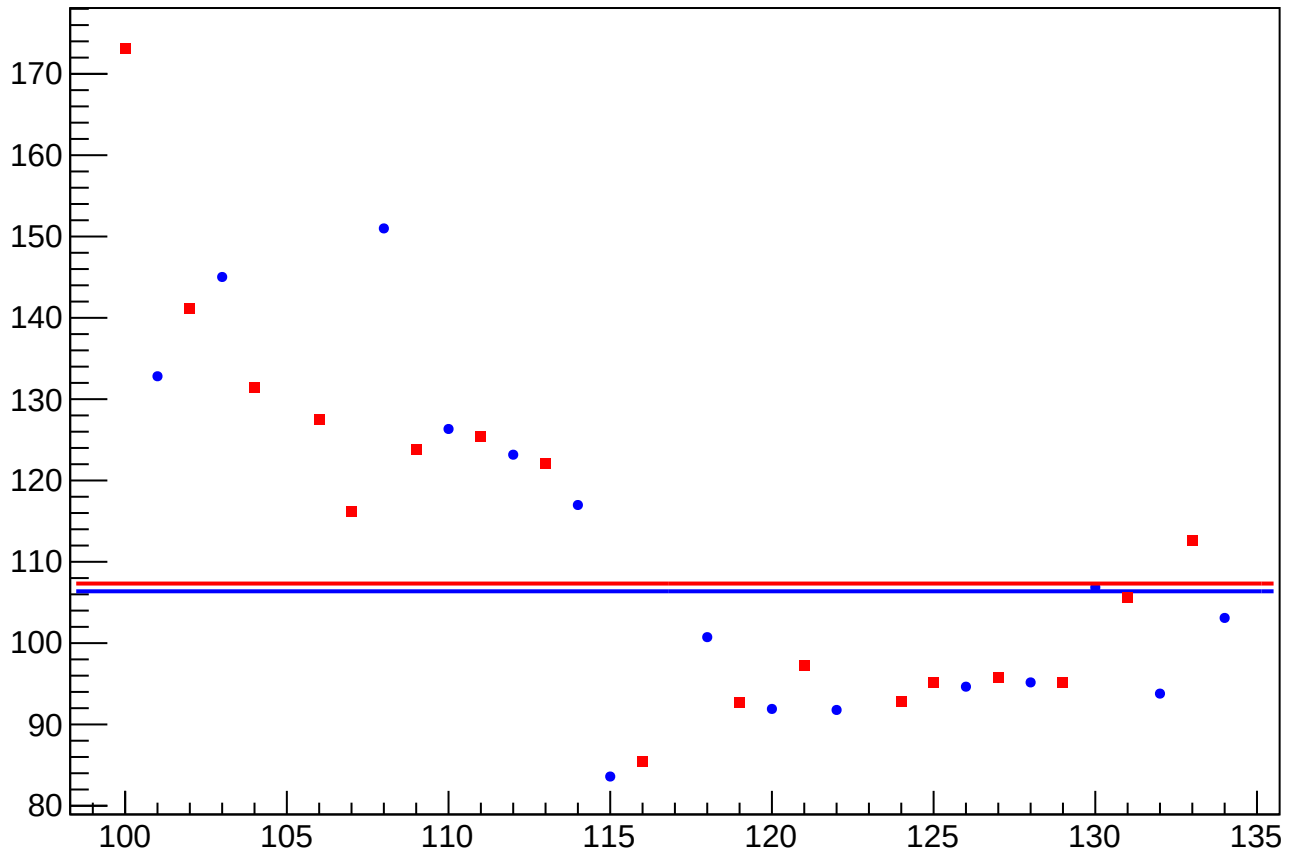
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.527 $\pm$ 30.057 χ^2 /NDF: 57.7/31

- 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: 107.326 $\pm$ 0.030 χ^2 /NDF: 316376.3/16

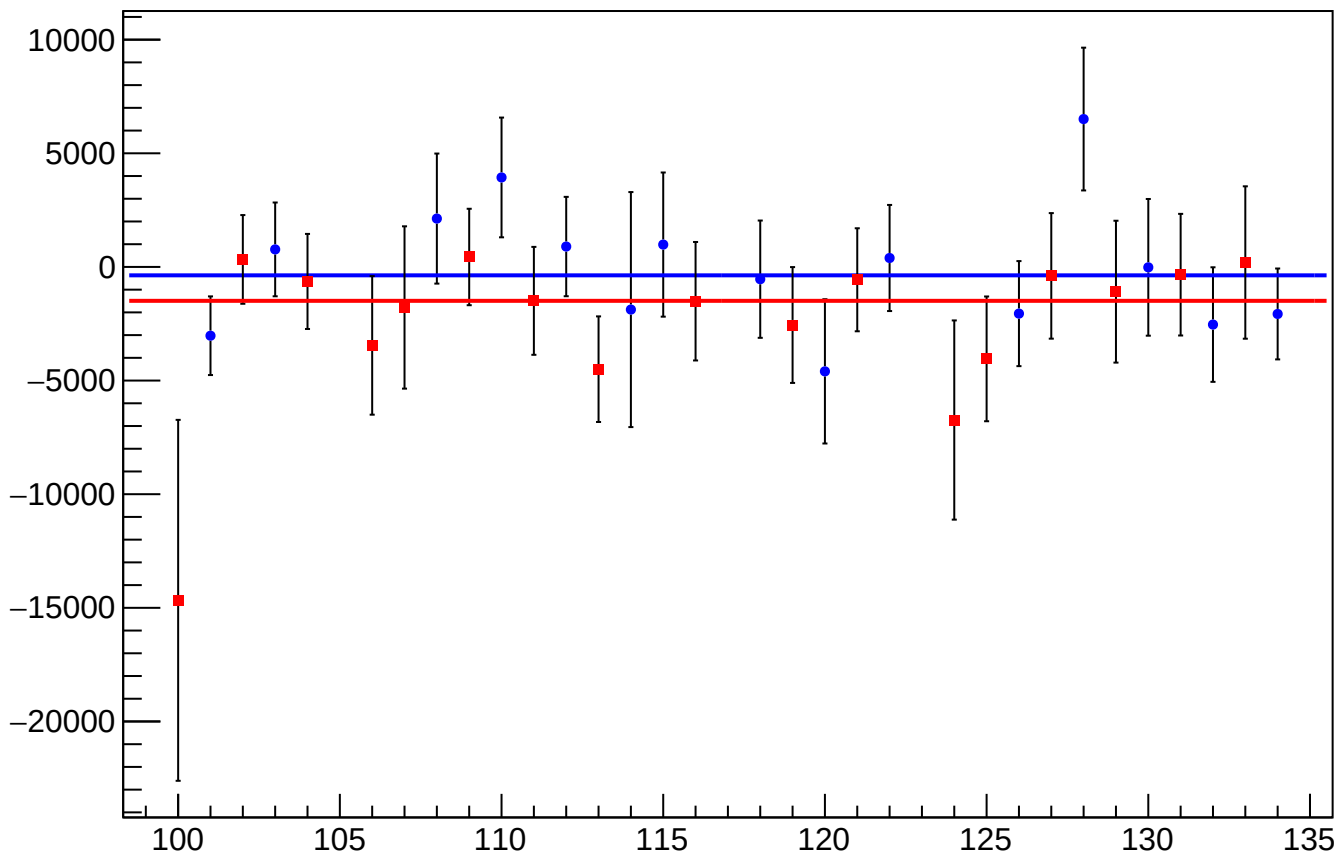
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 106.861 $\pm$ 0.021 χ^2 /NDF: 665311.3/31

- 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 $\pm$ 642.741 χ^2 /NDF: 15.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1491.773 $\pm$ 642.741 χ^2 /NDF: 10.0/16

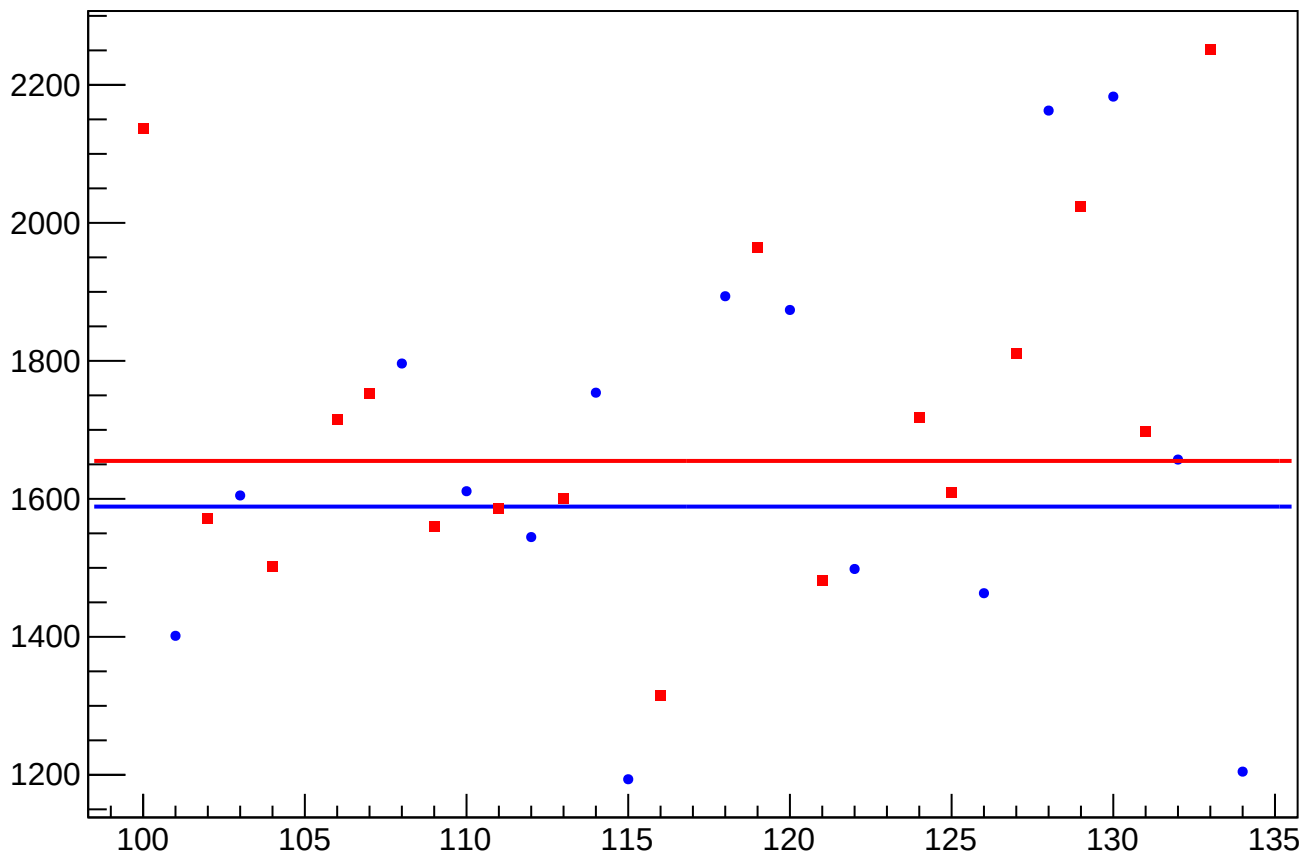
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -930.838 $\pm$ 454.487 χ^2 /NDF: 26.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_dit_correction_rms vs Slug



Right In: 1588.784 $\pm$ 0.454 χ^2 /NDF: 341154.1/14

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

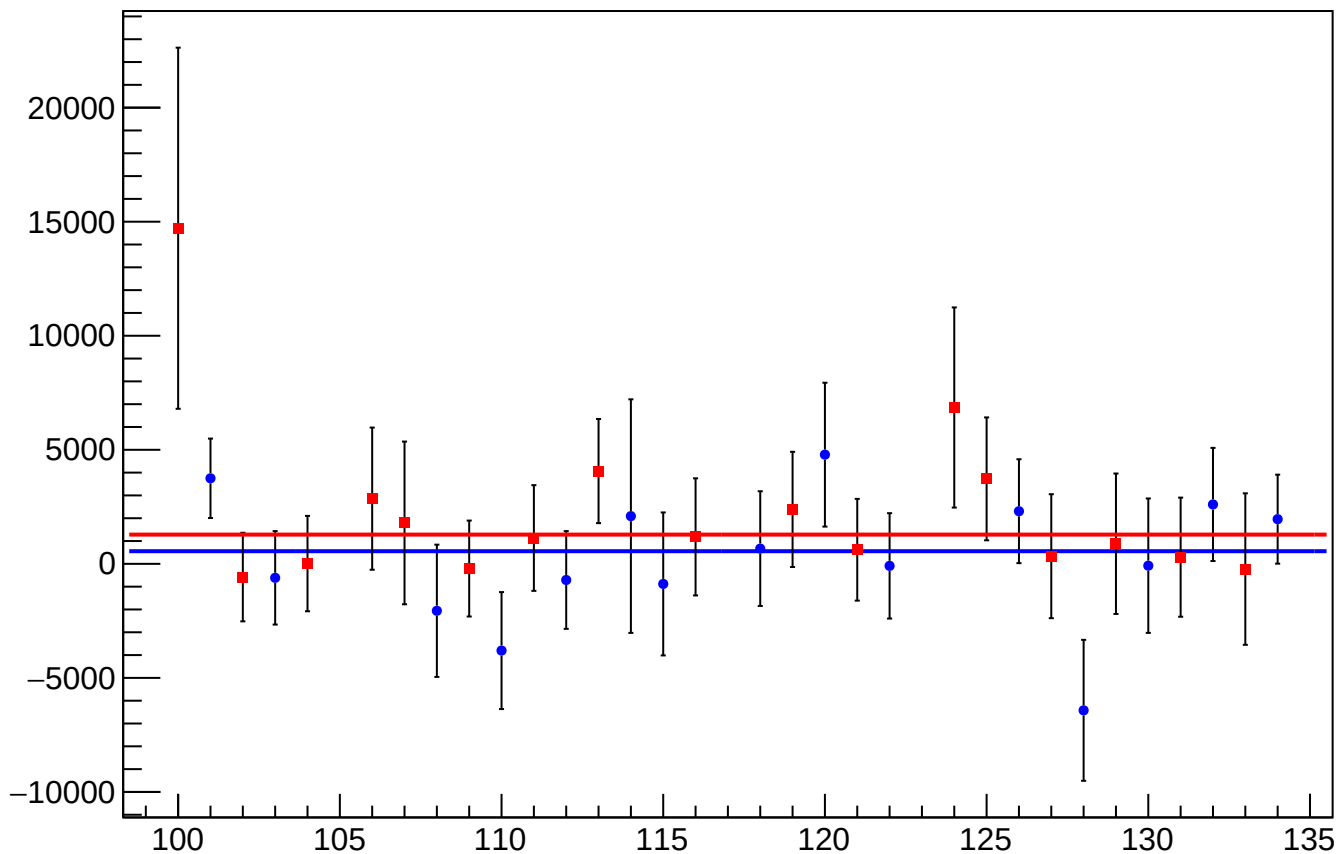
Right Out: 1654.970 $\pm$ 0.454 χ^2 /NDF: 204777.9/16

All: 1621.877 $\pm$ 0.321 χ^2 /NDF: 556535.7/31

- 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_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: 1282.437 $\pm$ 635.874 χ^2 /NDF: 9.6/16

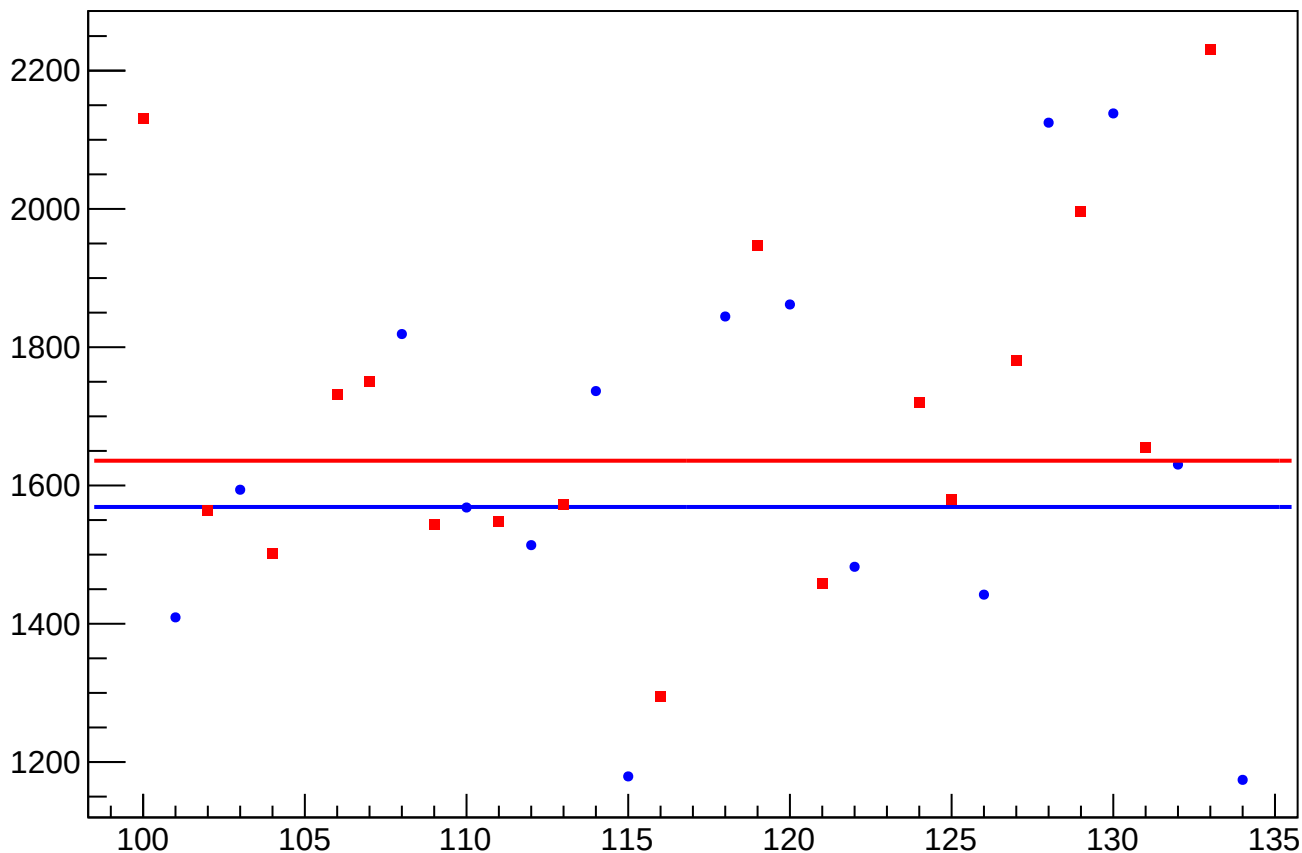
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 917.706 $\pm$ 449.280 χ^2 /NDF: 27.2/31

- 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

Right Out: 1635.821+/-0.450 χ^2/NDF : 208166.1/16

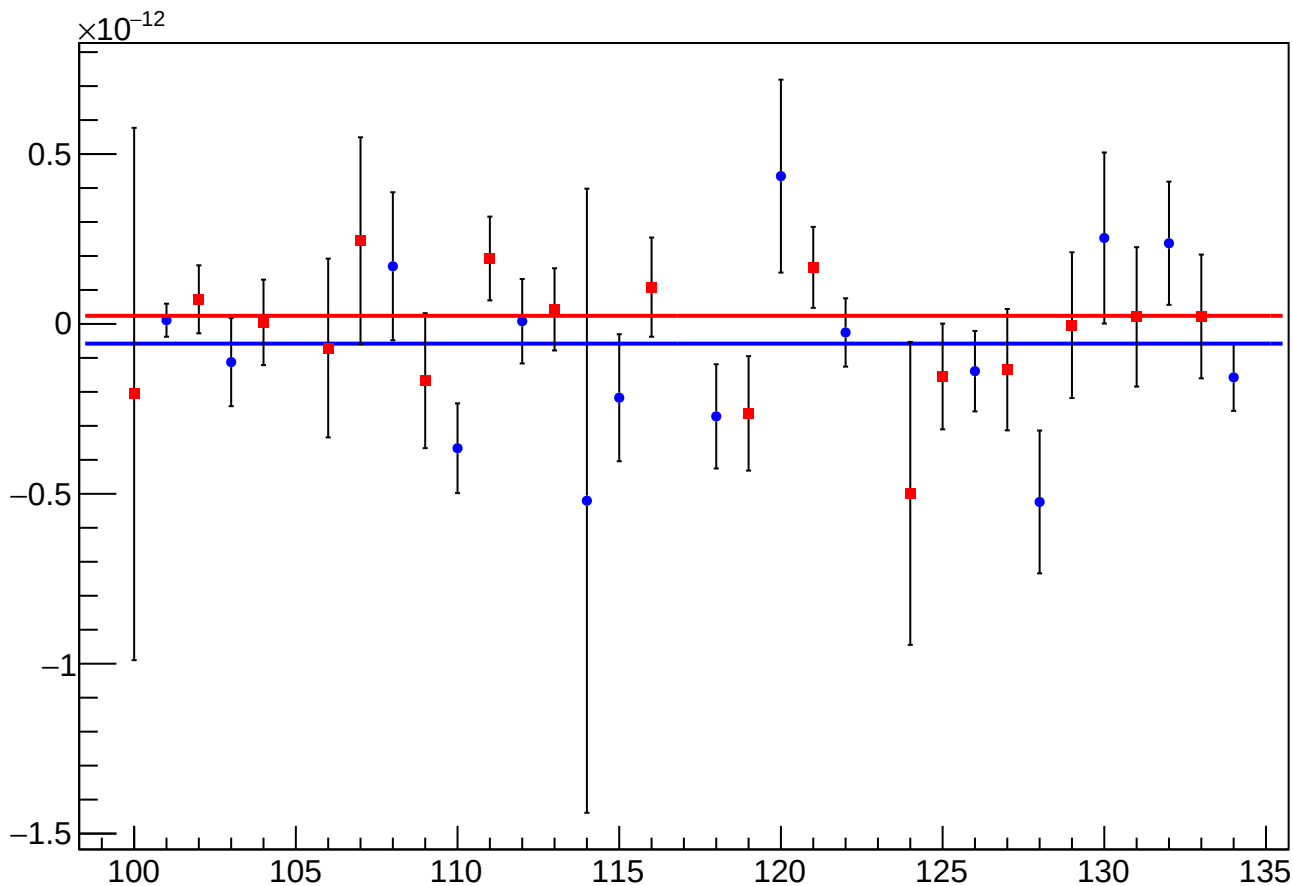
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1602.320+/-0.318 χ^2/NDF : 558354.7/31

- sign 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 : 12.0/16

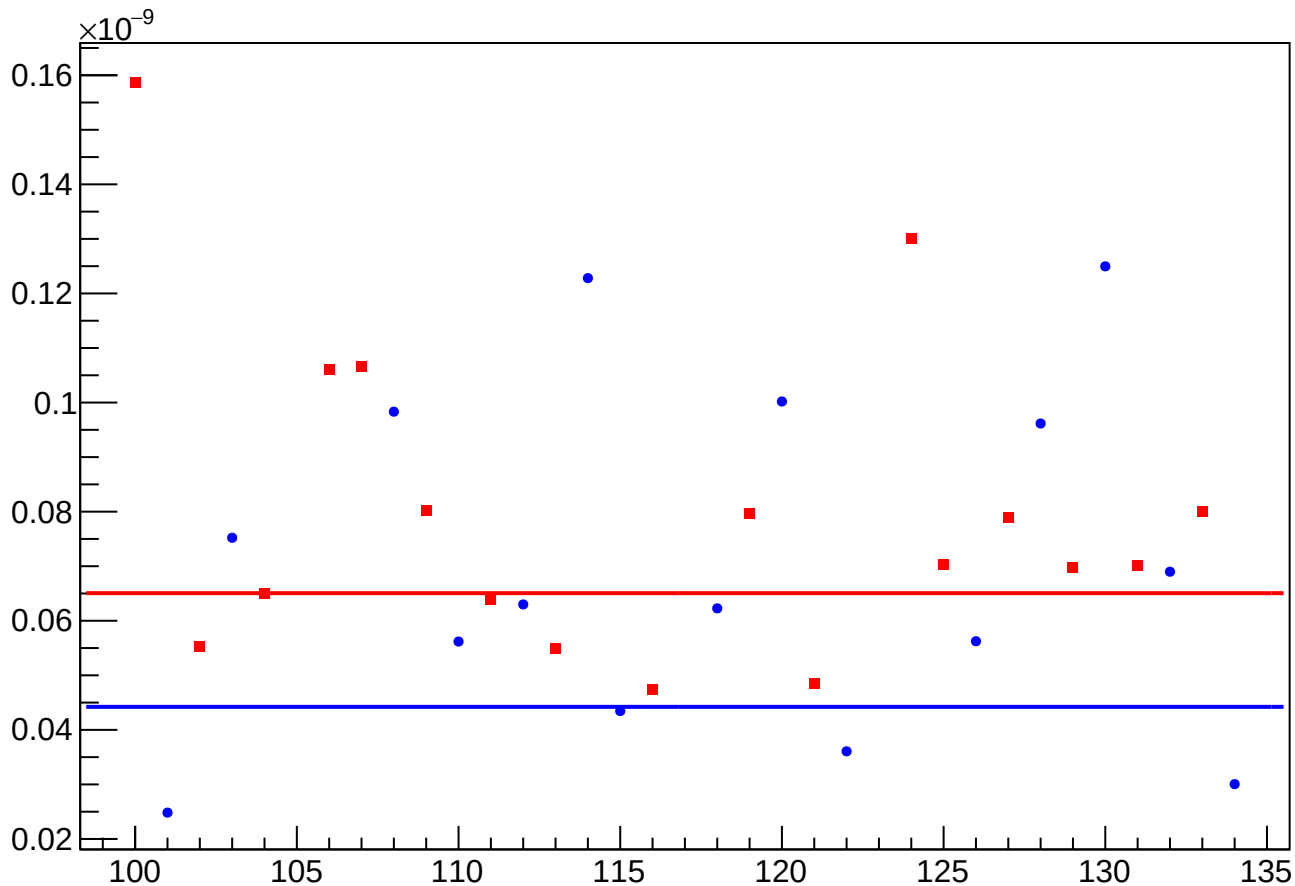
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 40.3/31

- 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: 314406.6/16

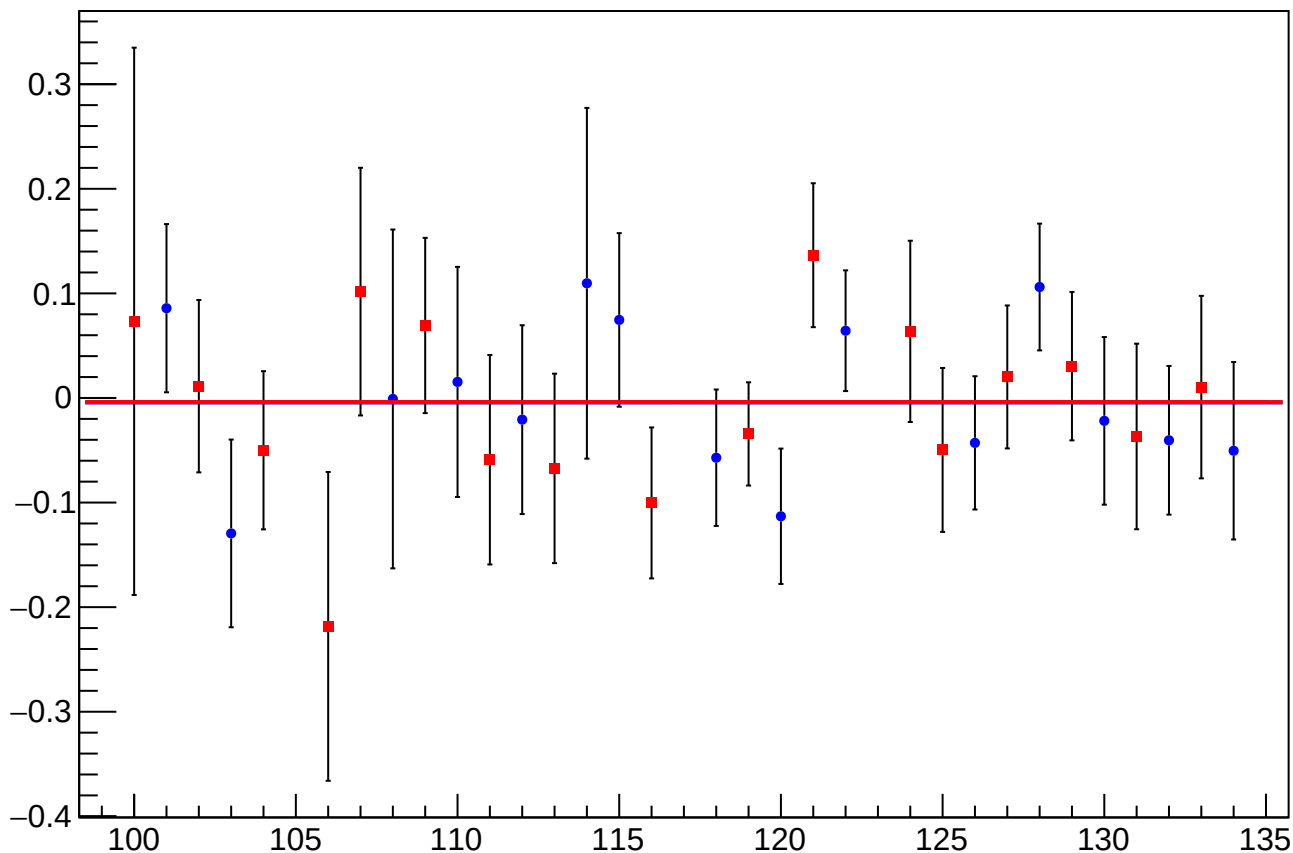
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1843991.7/31

- 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 $\pm$ 0.020 χ^2 /NDF: 13.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.020 χ^2 /NDF: 12.8/16

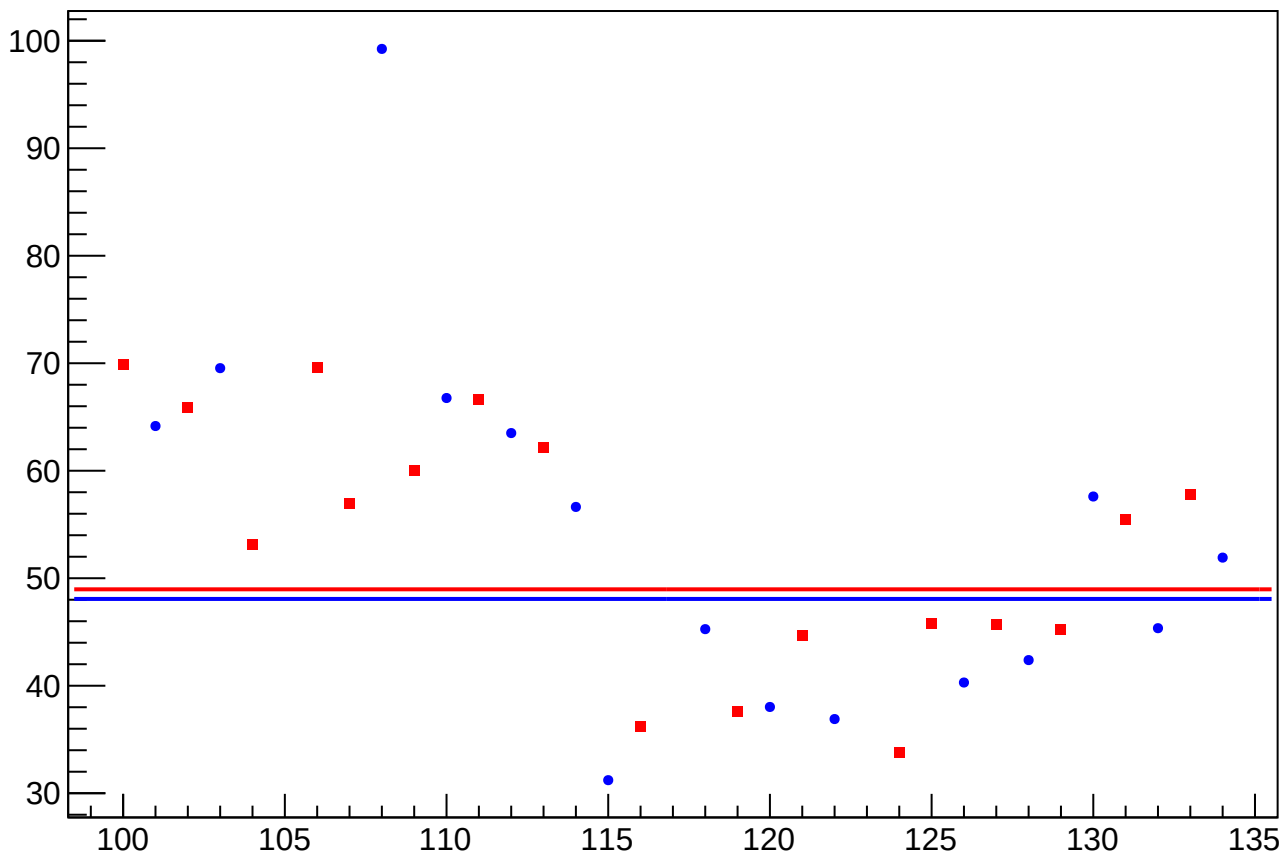
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.004 $\pm$ 0.014 χ^2 /NDF: 26.6/31

- sign 0.000 $\pm$ 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: 48.969+/-0.014 χ^2/NDF : 573004.7/16

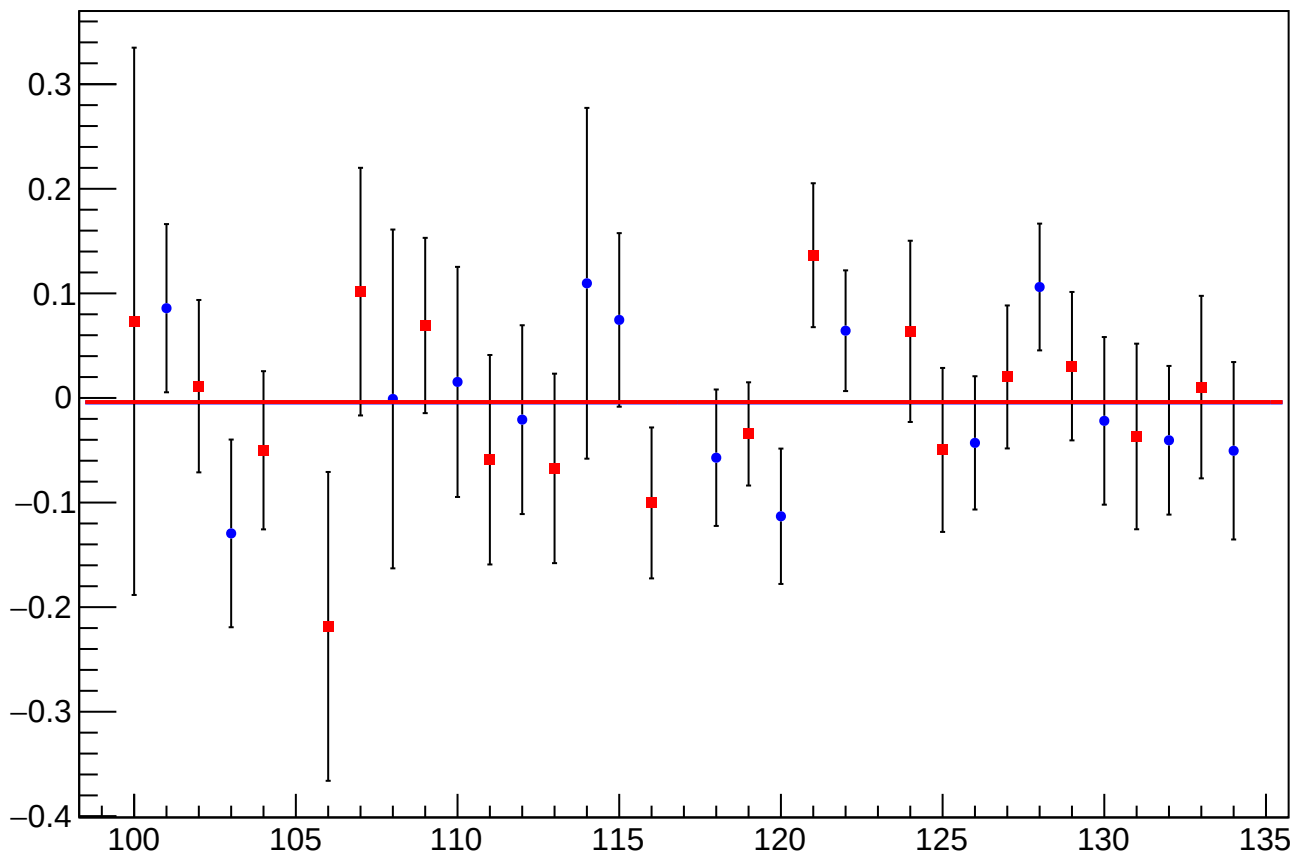
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.531+/-0.010 χ^2/NDF : 1382758.7/31

- 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: -0.004 ± 0.020 χ^2/NDF : 12.8/16

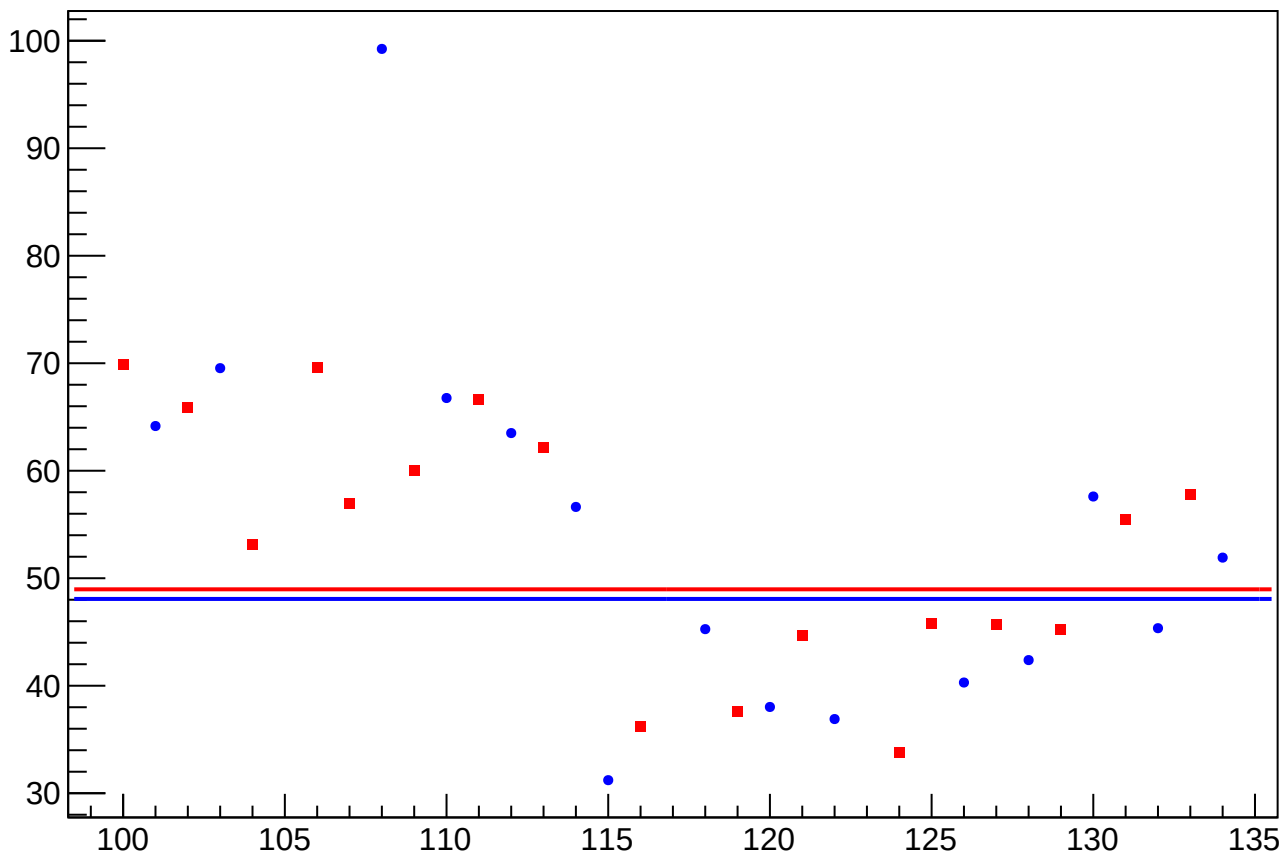
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.014 χ^2/NDF : 26.6/31

- 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: 48.969+/-0.014 χ^2/NDF : 573004.7/16

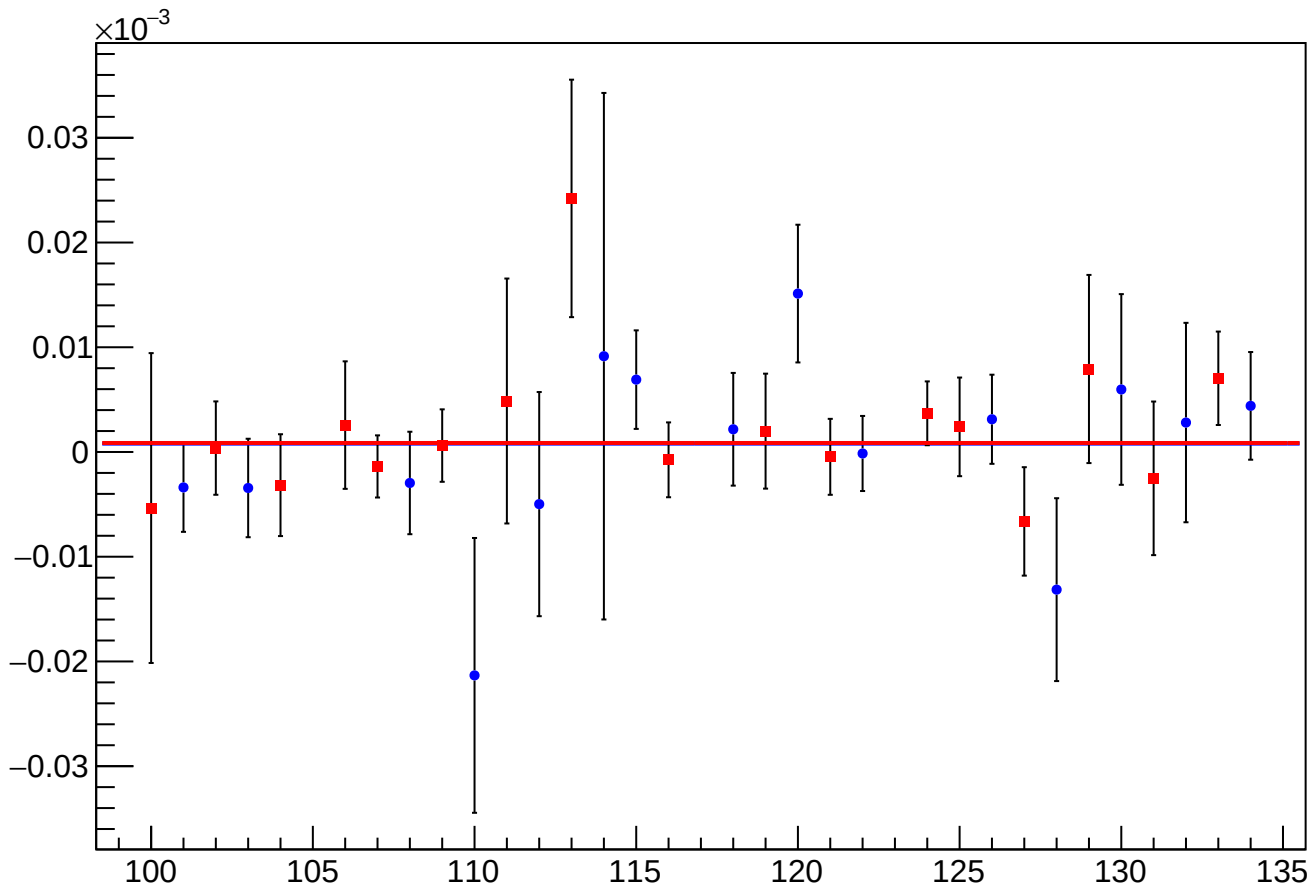
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.531+/-0.010 χ^2/NDF : 1382758.7/31

- 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+/-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 : 12.1/16

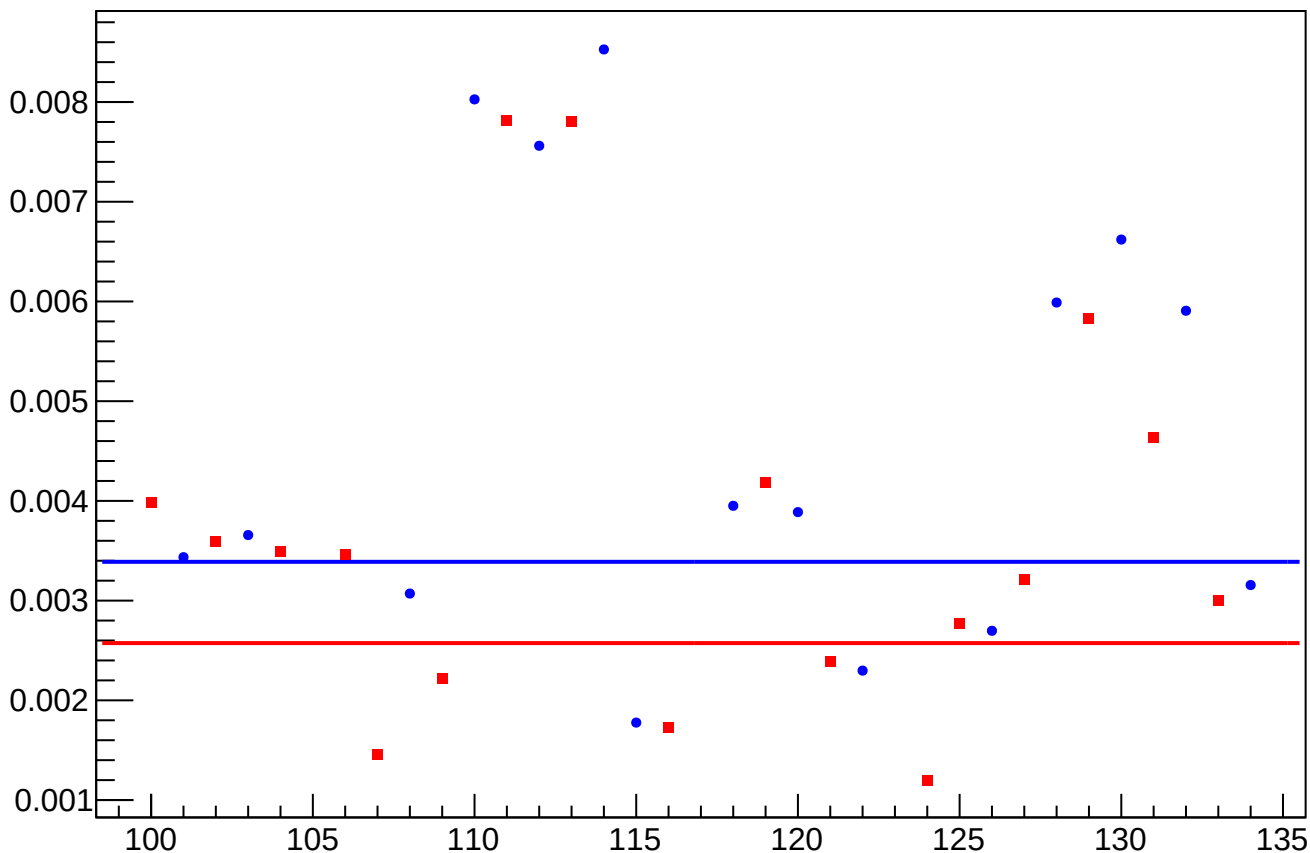
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.0/31

- sign 0.000+/-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 : 2539788.0/16

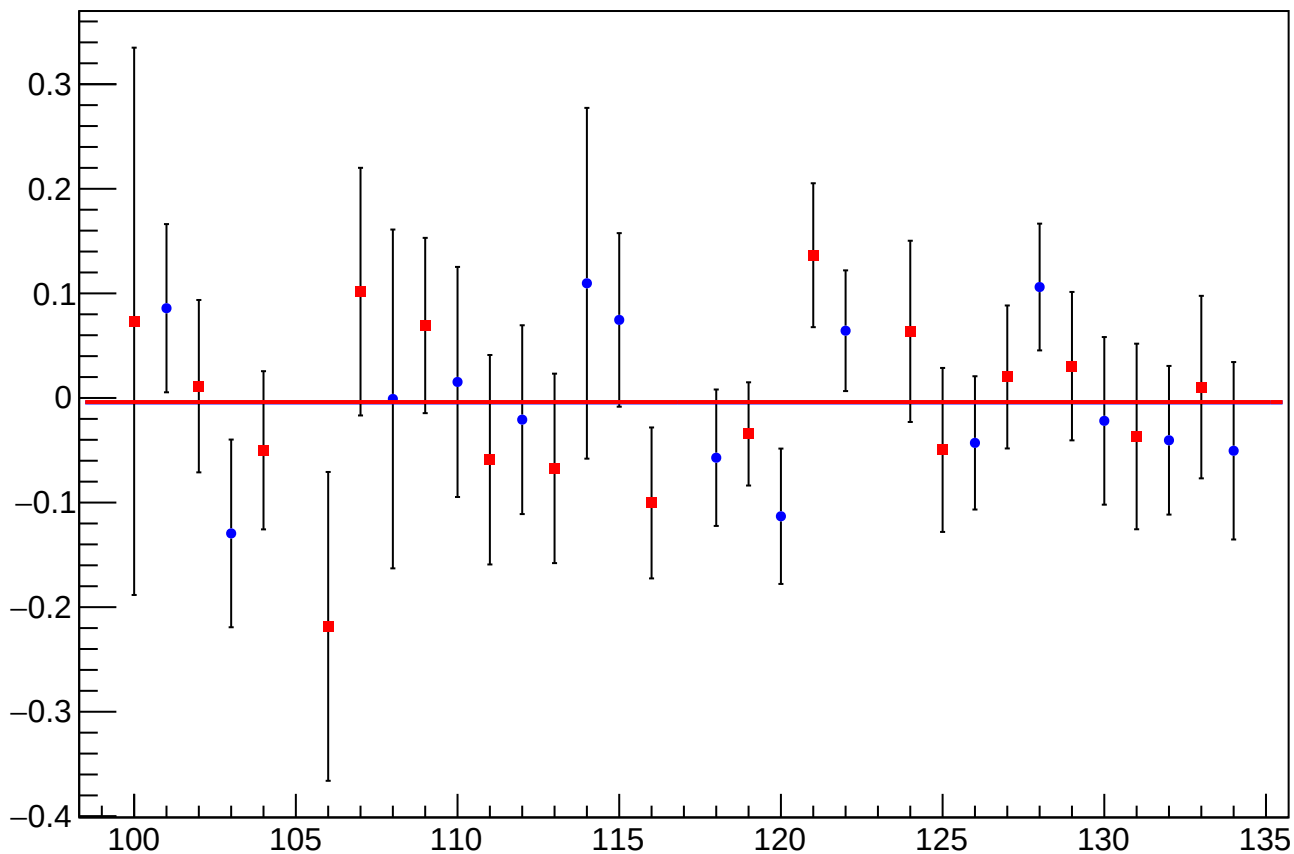
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4663808.4/31

- 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 $\pm$ 0.020 χ^2 /NDF: 13.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.020 χ^2 /NDF: 12.8/16

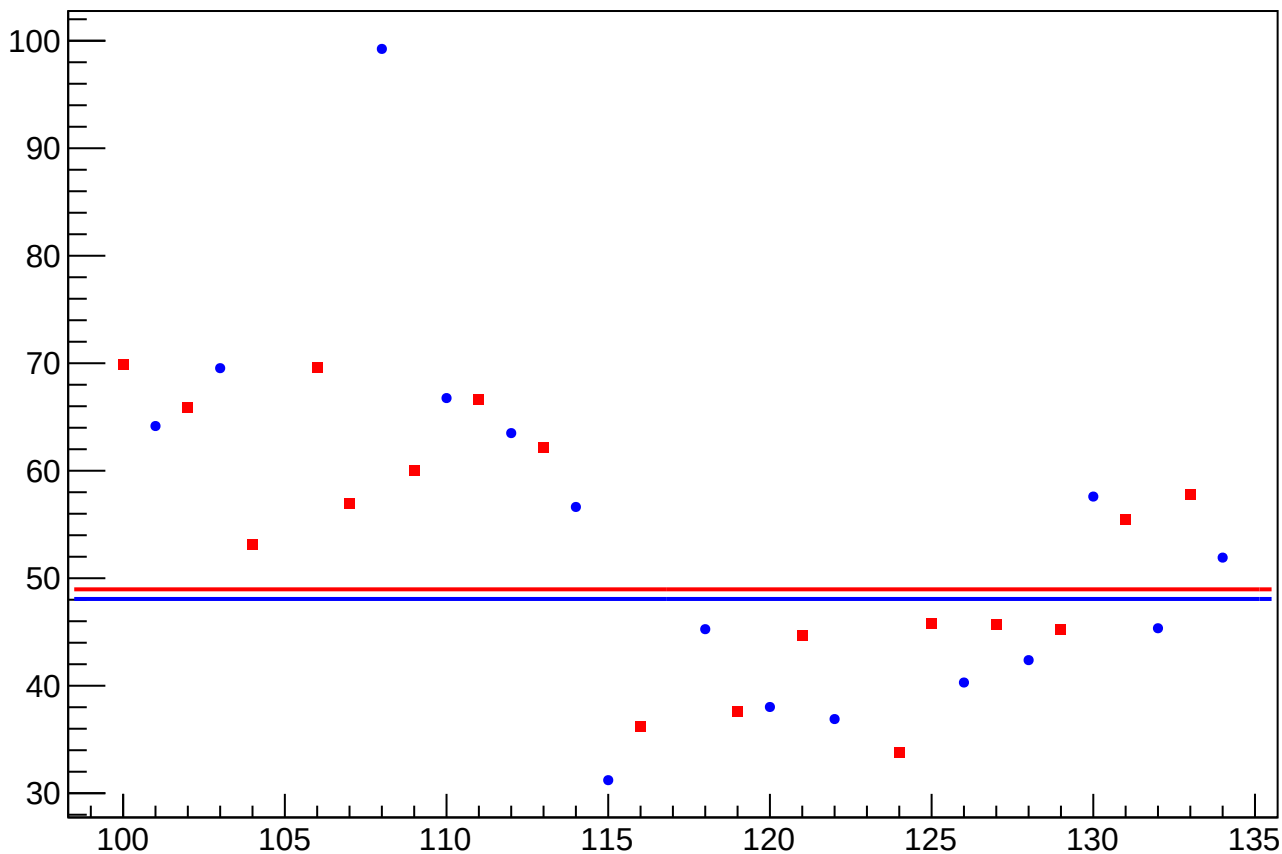
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.004 $\pm$ 0.014 χ^2 /NDF: 26.6/31

- sign 0.000 $\pm$ 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+/-0.014 χ^2/NDF : 807709.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.967+/-0.014 χ^2/NDF : 573009.8/16

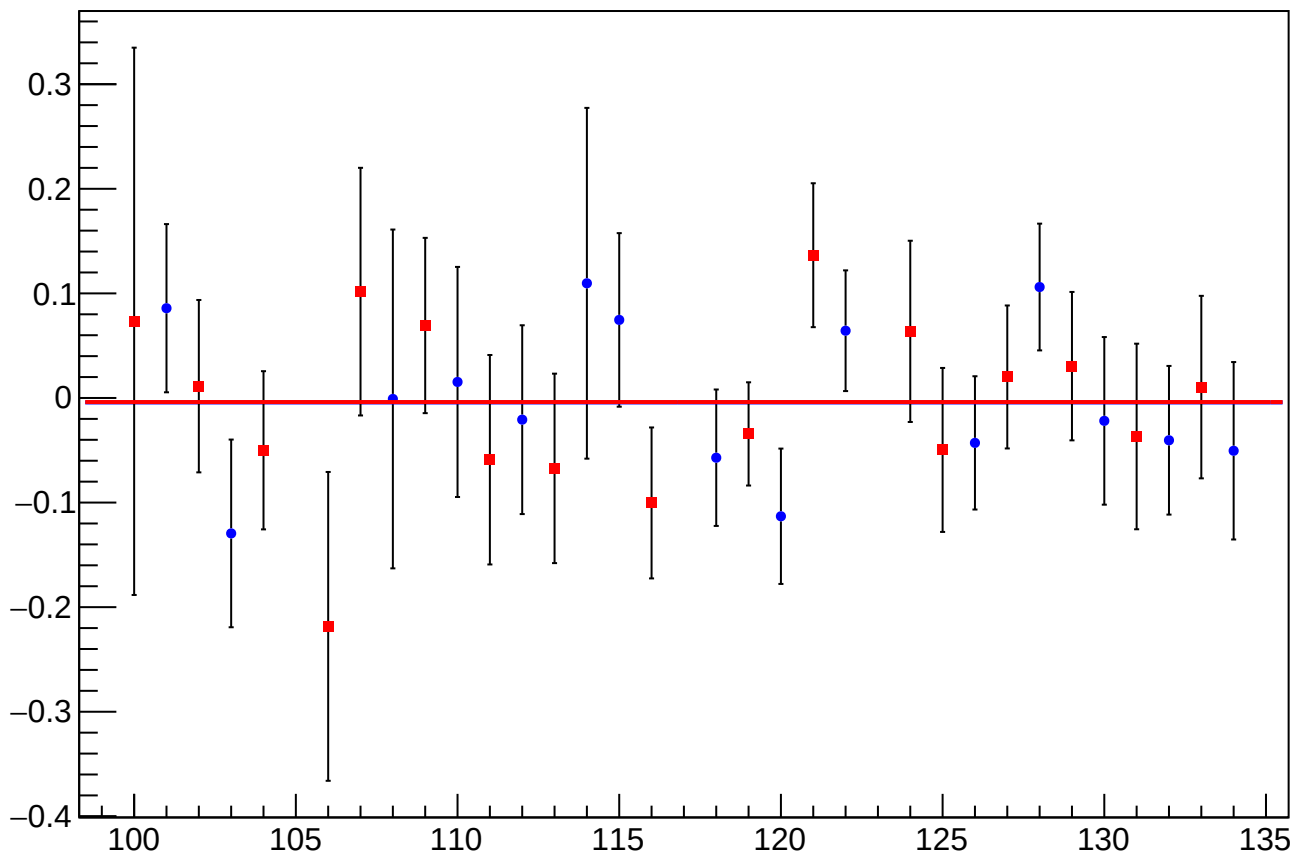
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.529+/-0.010 χ^2/NDF : 1382760.1/31

- sign 0.000+/-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 ± 0.020 χ^2/NDF : 13.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.004 ± 0.020 χ^2/NDF : 12.8/16

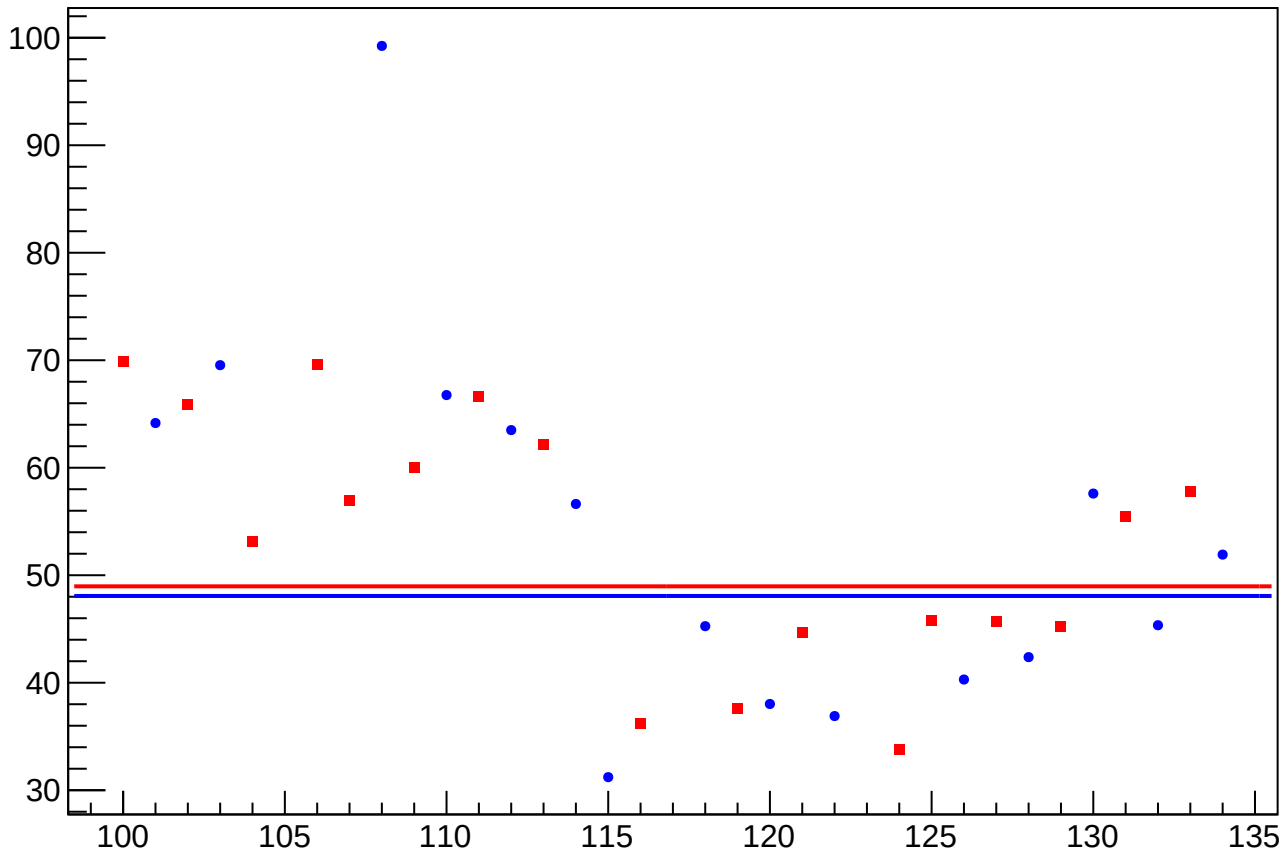
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.014 χ^2/NDF : 26.6/31

- sign 0.000 ± 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: 48.967 $\pm$ 0.014 χ^2 /NDF: 573009.8/16

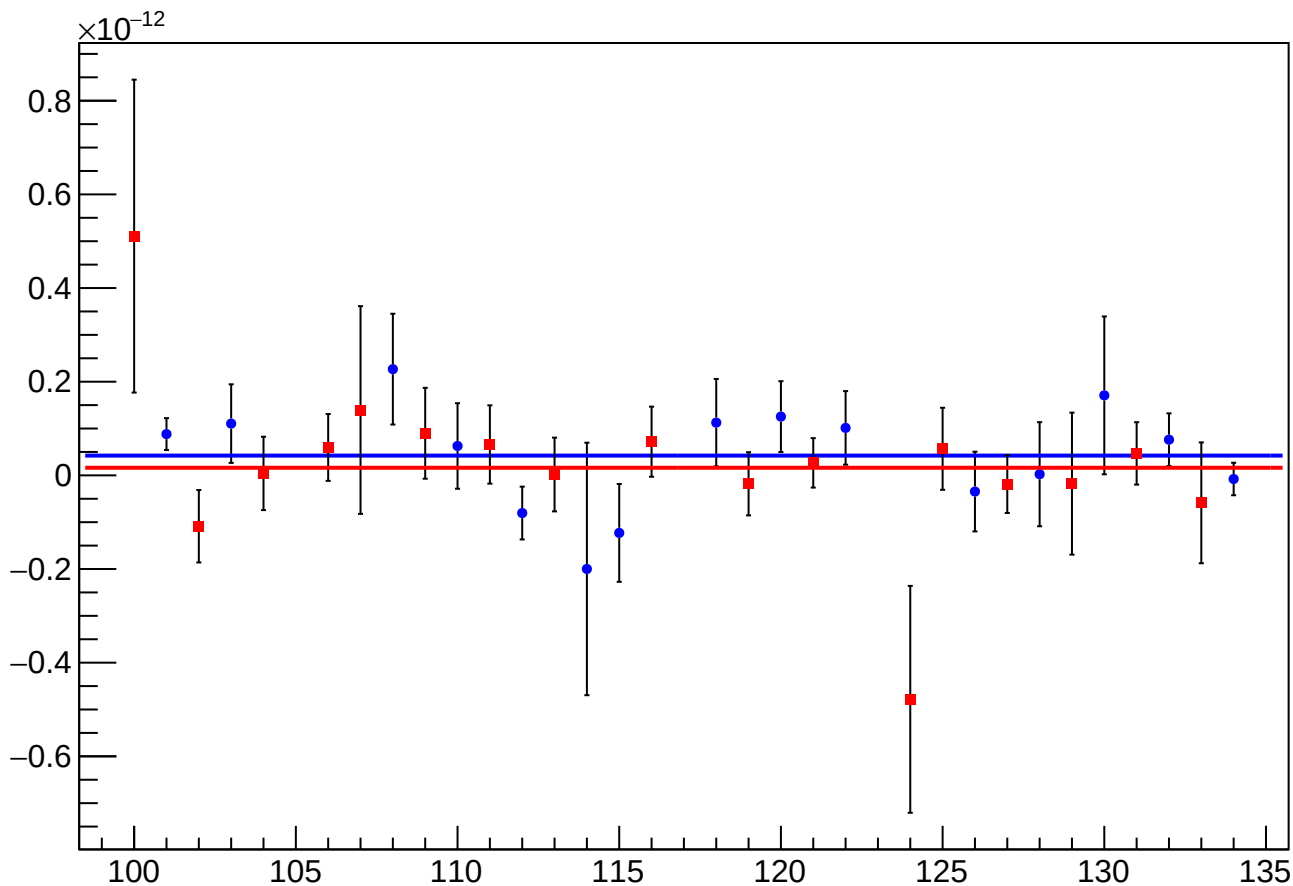
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 48.529 $\pm$ 0.010 χ^2 /NDF: 1382760.1/31

- 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: 12.6/16

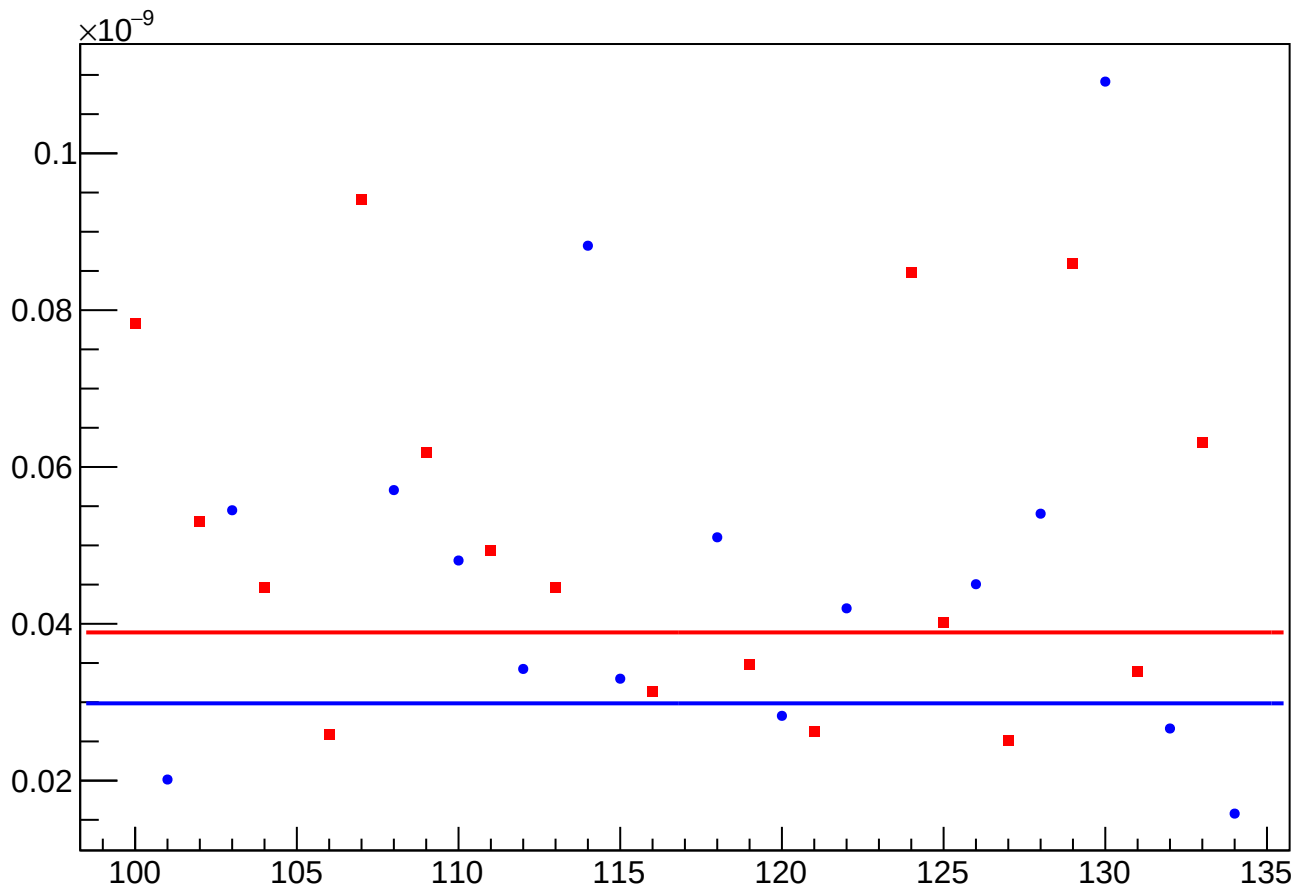
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 32.9/31

- 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 : 1037994.1/16

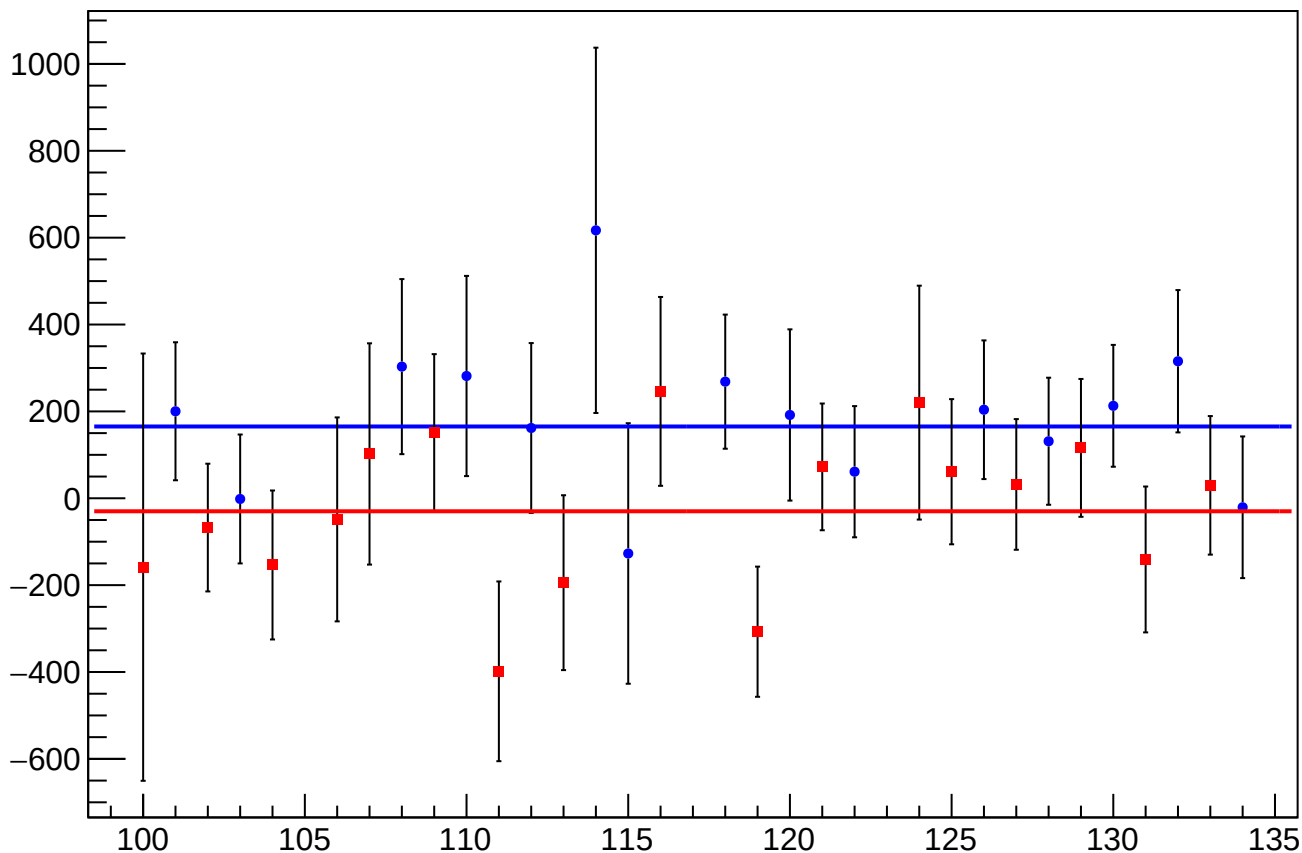
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2988519.9/31

- 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: -29.944 $\pm$ 43.964 χ^2 /NDF: 14.0/16

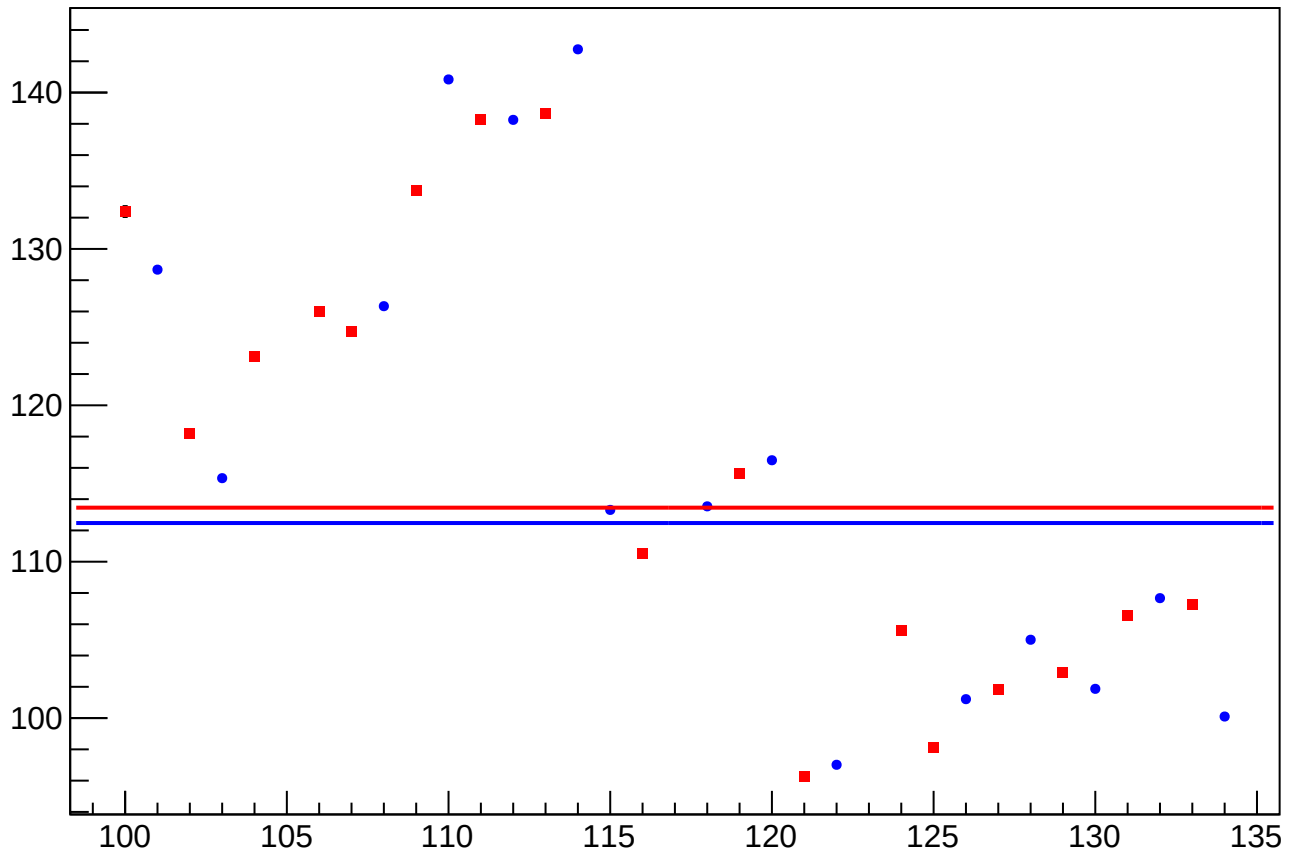
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 65.464 $\pm$ 31.435 χ^2 /NDF: 31.1/31

- 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+/-0.032 χ^2/NDF : 168179.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.456+/-0.031 χ^2/NDF : 180484.1/16

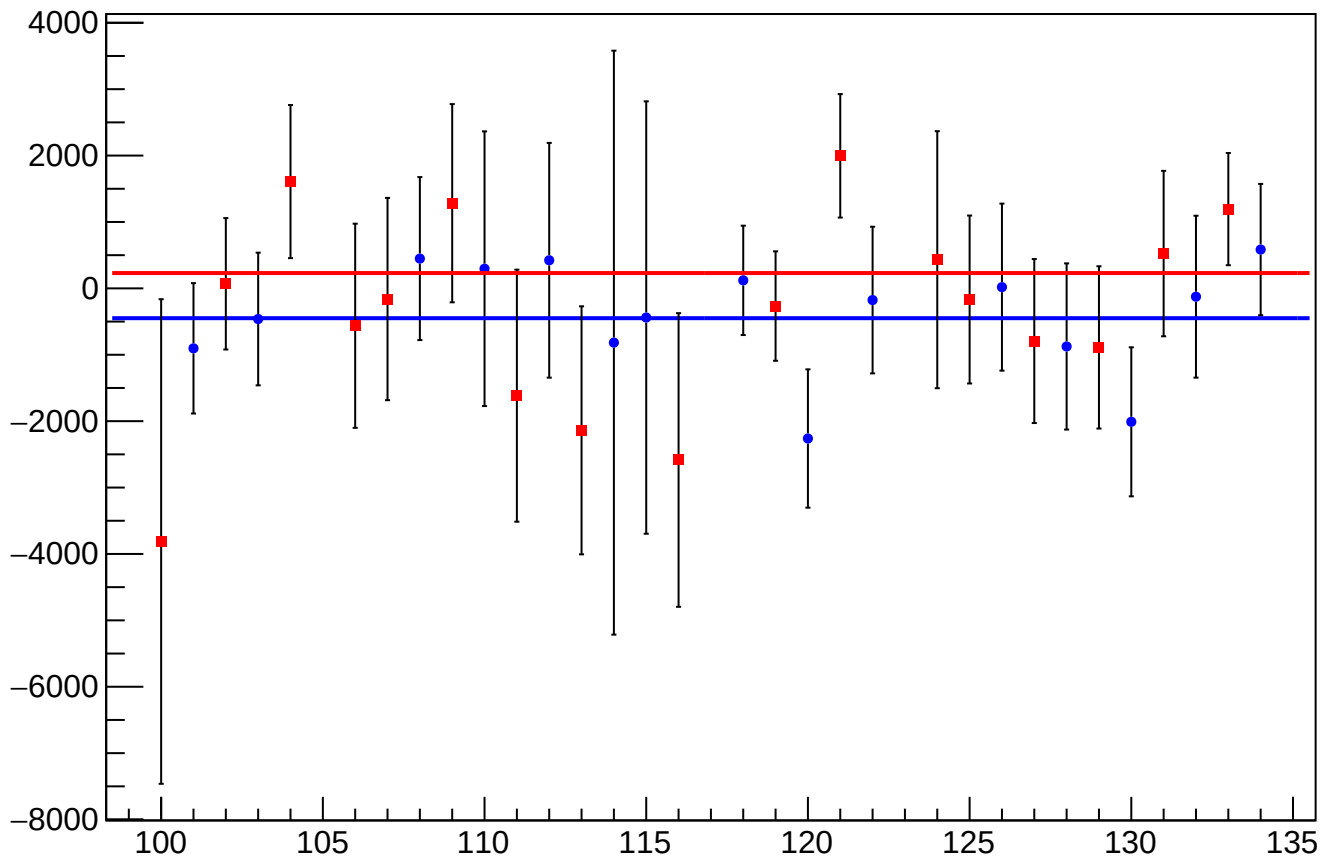
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.975+/-0.022 χ^2/NDF : 349152.1/31

- sign 0.000+/-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: 230.665 $\pm$ 304.127 χ^2 /NDF: 14.6/16

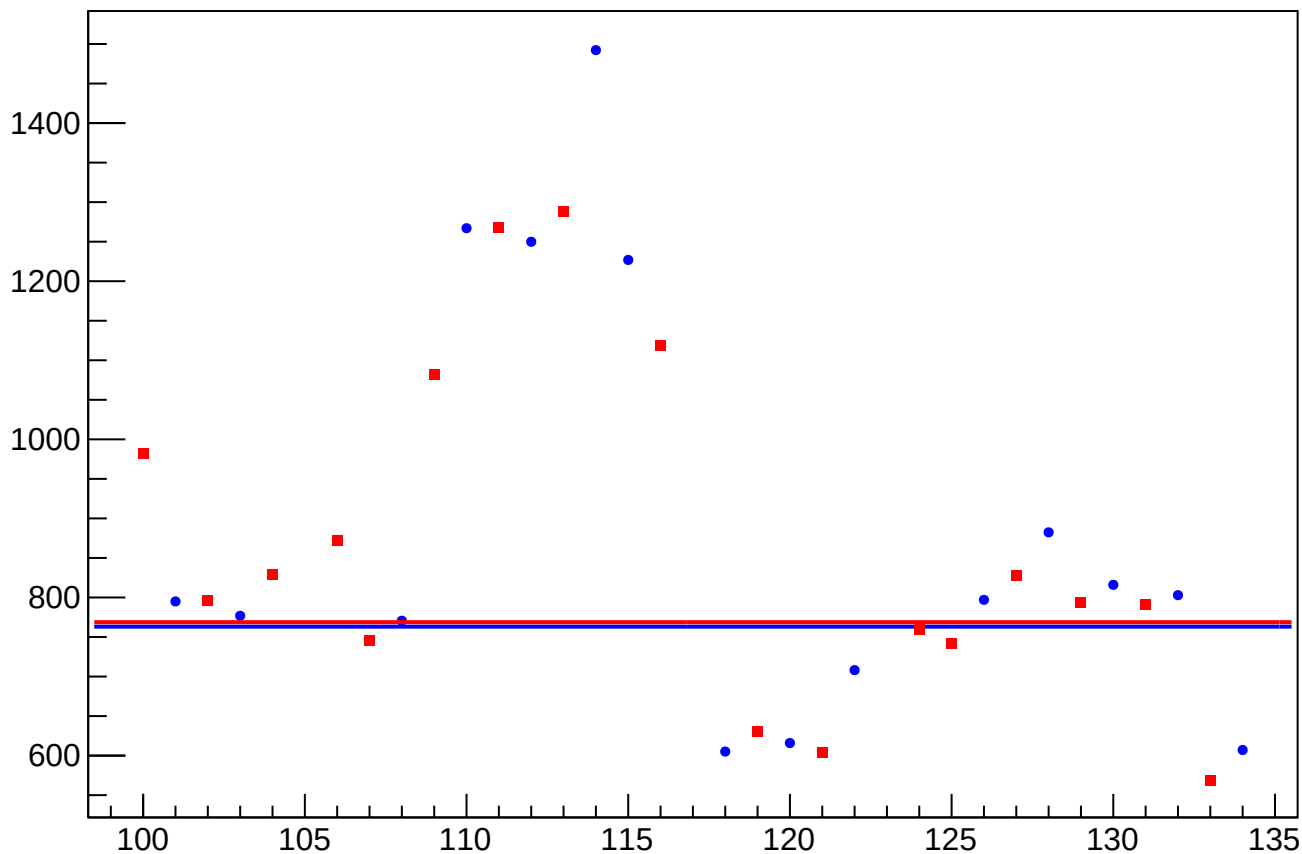
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -102.249 $\pm$ 217.232 χ^2 /NDF: 25.1/31

- 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 $\pm$ 0.219 χ^2 /NDF: 562907.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 768.782 $\pm$ 0.215 χ^2 /NDF: 692992.0/16

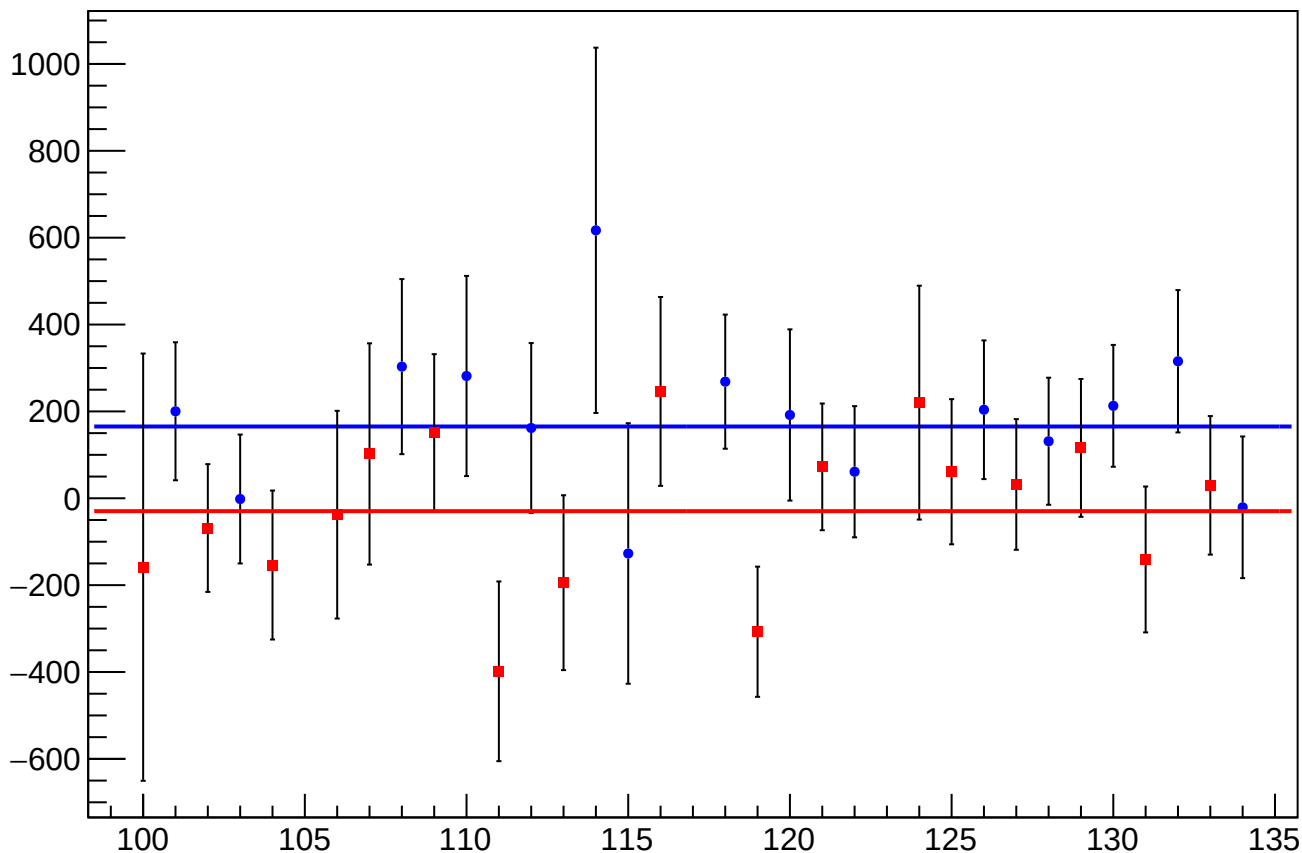
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 766.007 $\pm$ 0.154 χ^2 /NDF: 1256239.7/31

- sign 0.000 $\pm$ 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: -29.651 $\pm$ 43.993 χ^2 /NDF: 14.0/16

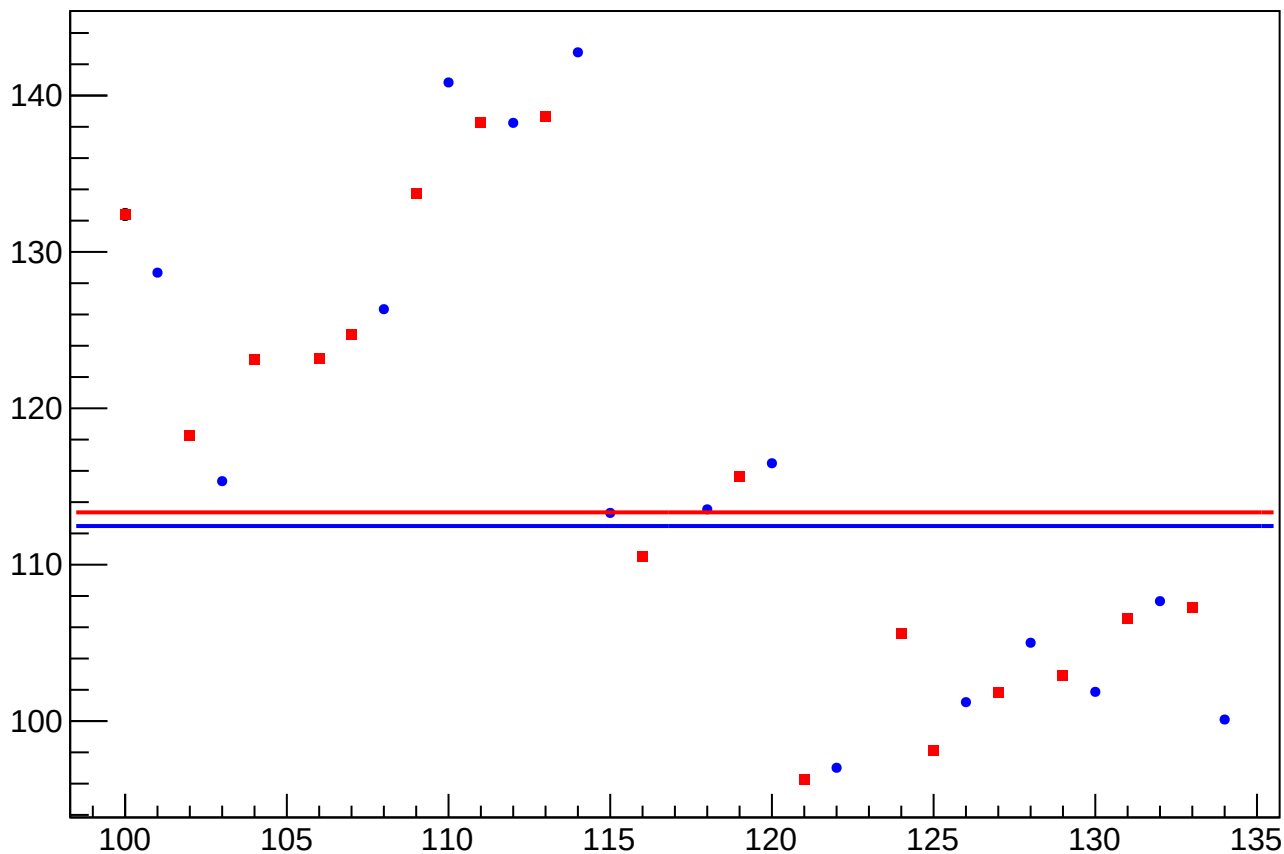
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 65.674 $\pm$ 31.446 χ^2 /NDF: 31.1/31

- 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: 113.347 $\pm$ 0.031 χ^2 /NDF: 178082.7/16

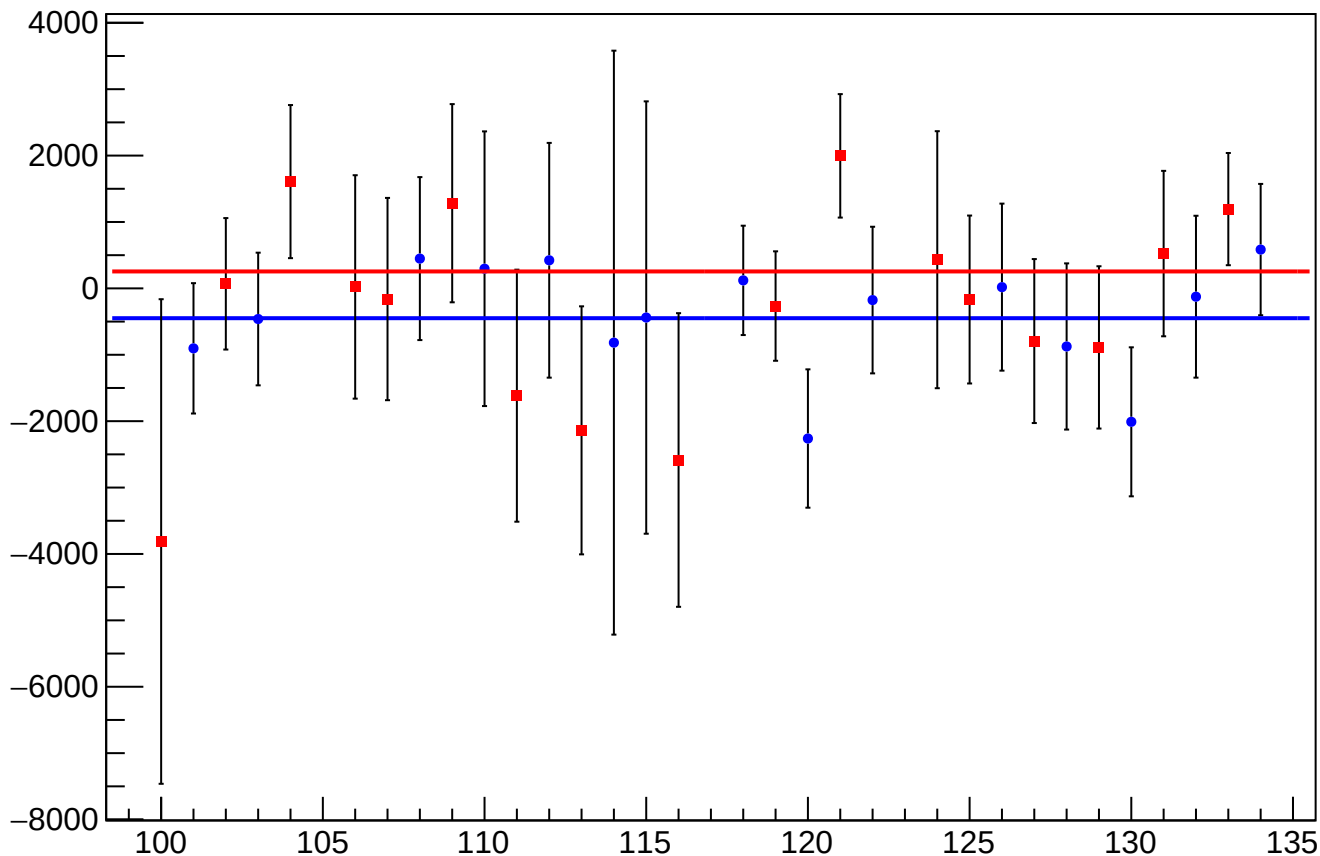
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 112.919 $\pm$ 0.022 χ^2 /NDF: 346648.1/31

- 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+/-310.396 χ^2/NDF : 8.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 255.044+/-305.133 χ^2/NDF : 14.4/16

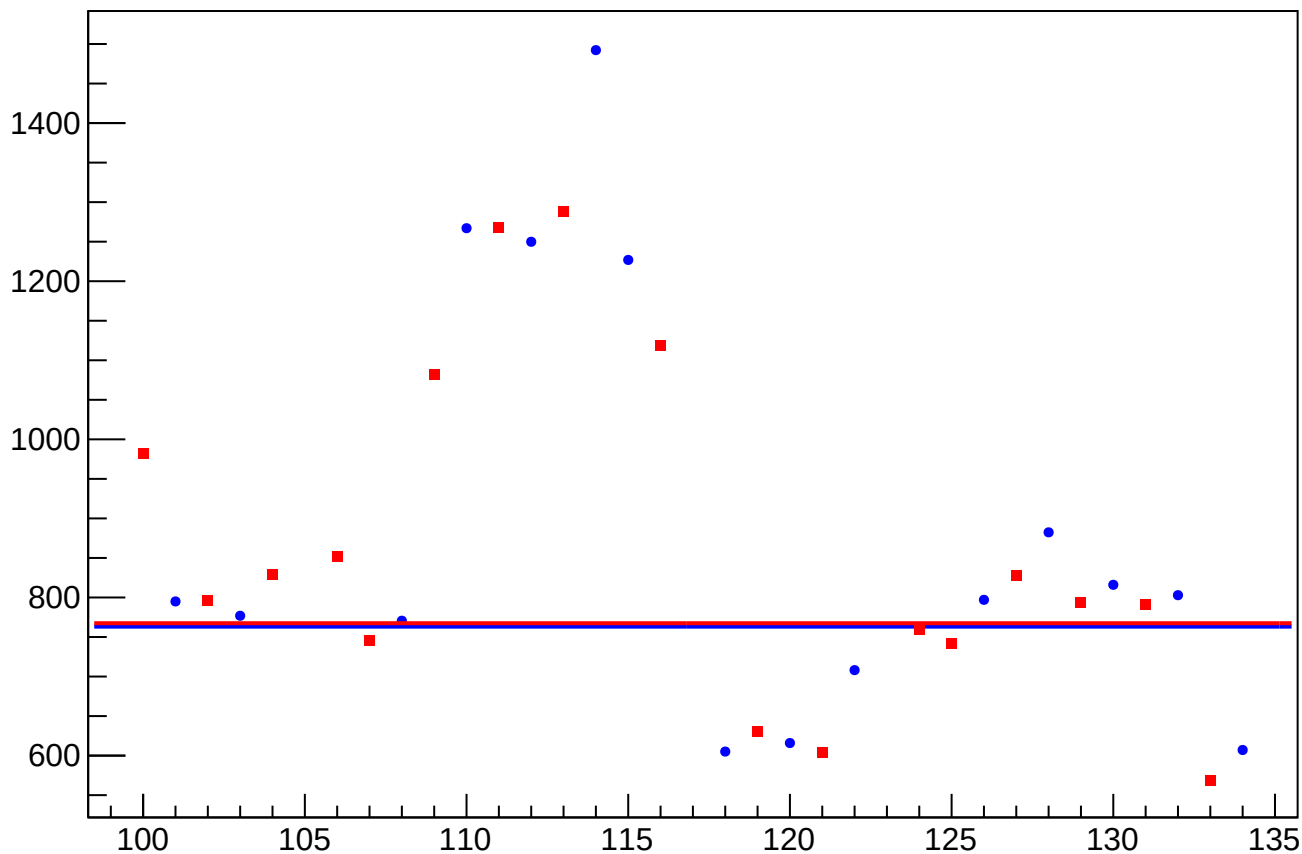
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -90.965+/-217.598 χ^2/NDF : 25.1/31

- sign 0.000+/-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: 767.464+/-0.216 χ^2/NDF : 688742.5/16

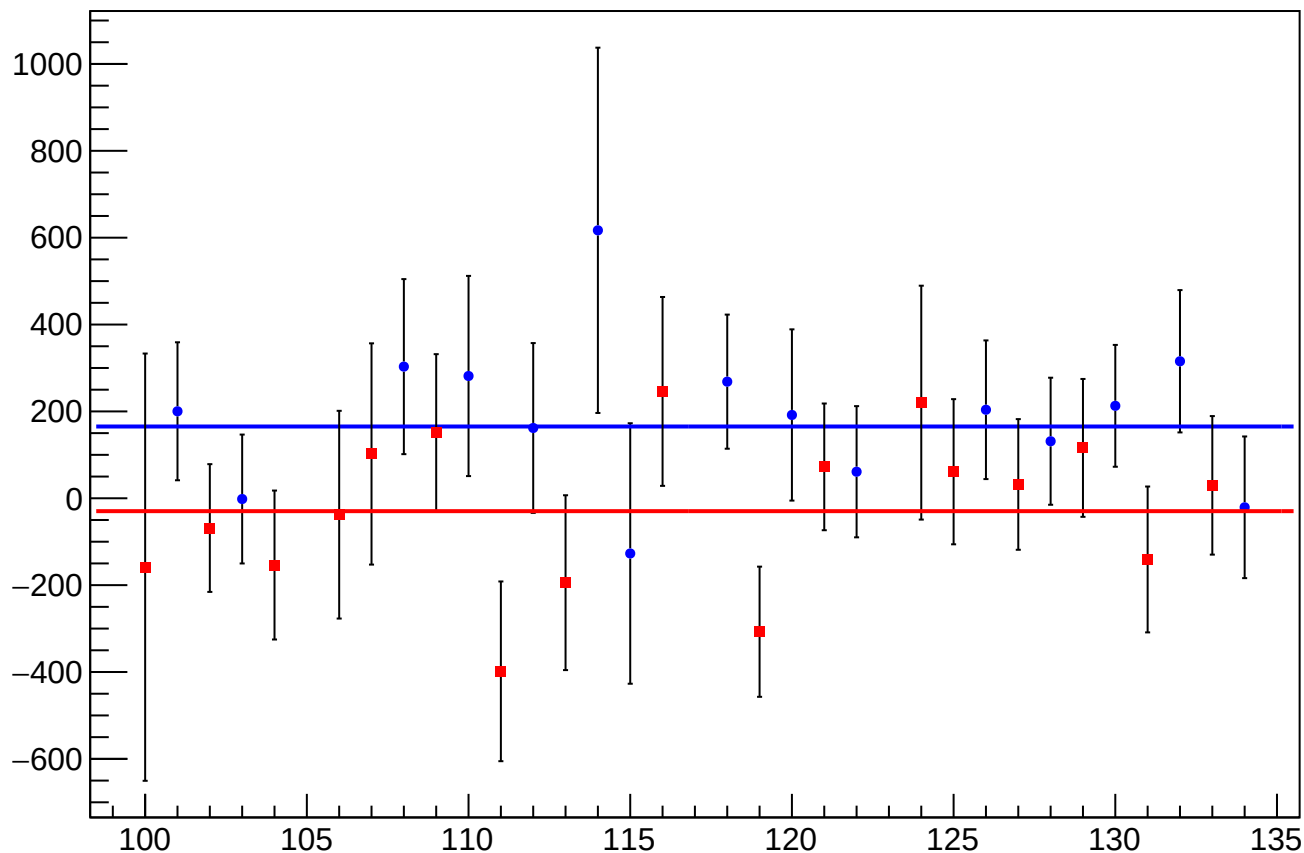
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 765.328+/-0.154 χ^2/NDF : 1251856.4/31

- 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: -29.651 $\pm$ 43.993 χ^2 /NDF: 14.0/16

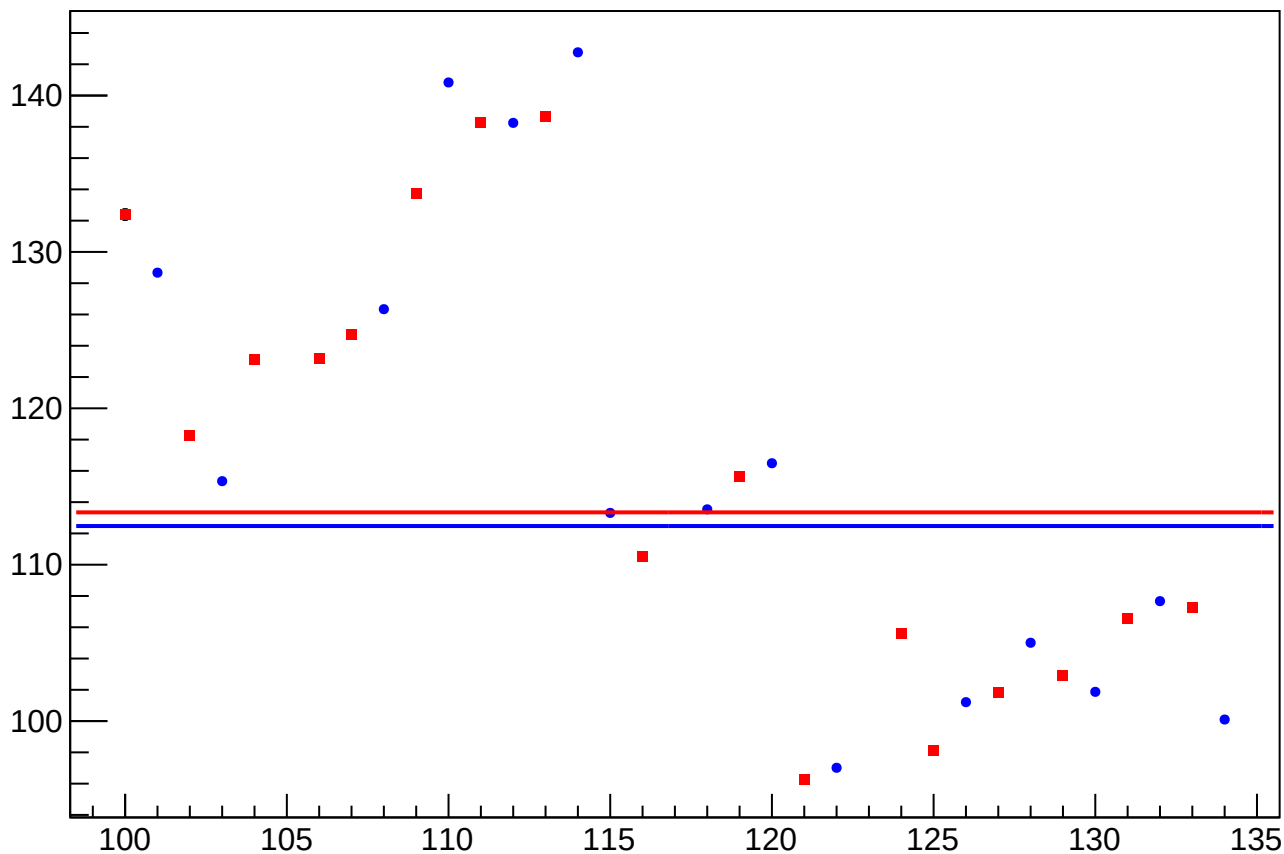
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 65.674 $\pm$ 31.446 χ^2 /NDF: 31.1/31

- 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: 113.347 $\pm$ 0.031 χ^2 /NDF: 178082.7/16

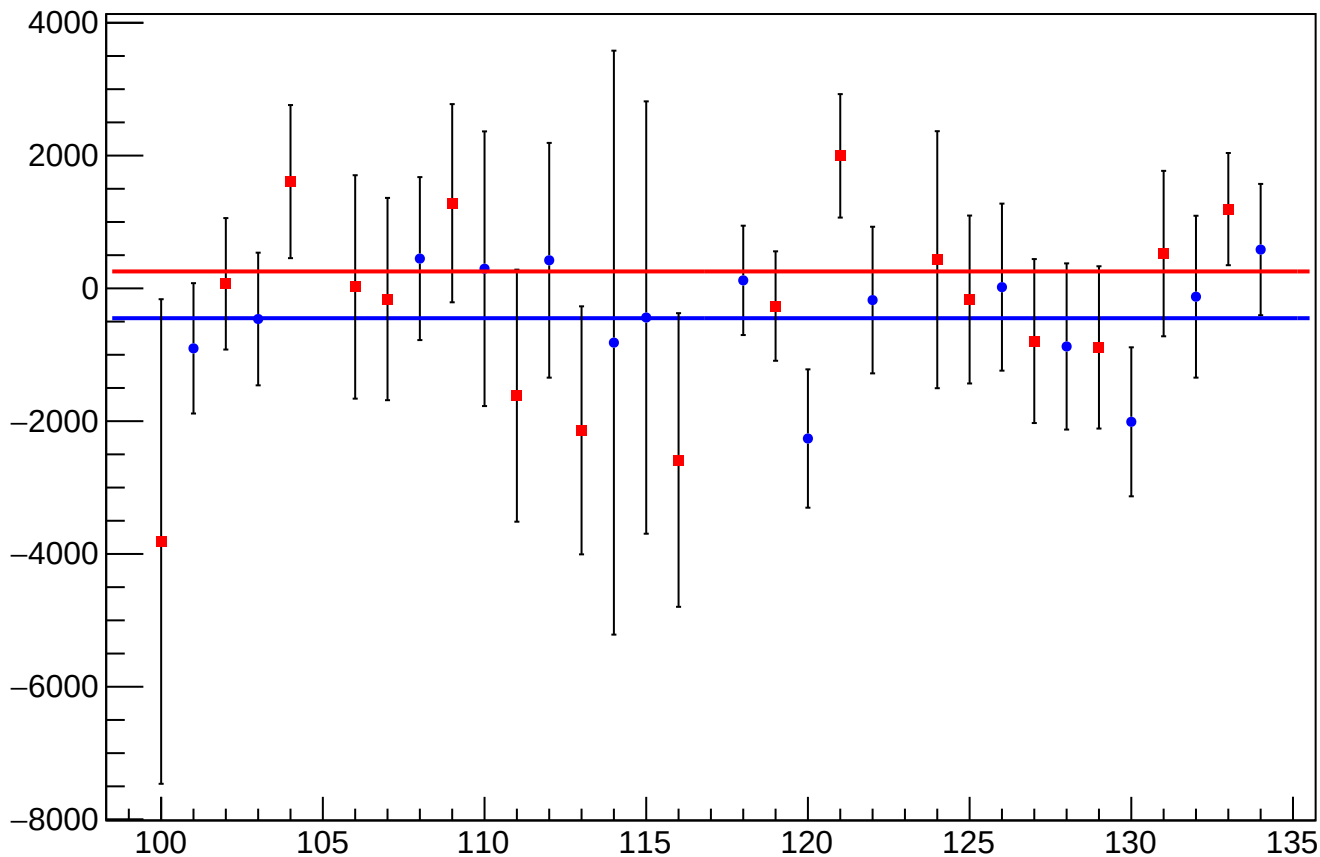
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 112.919 $\pm$ 0.022 χ^2 /NDF: 346648.1/31

- 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: 255.044+/-305.133 χ^2/NDF : 14.4/16

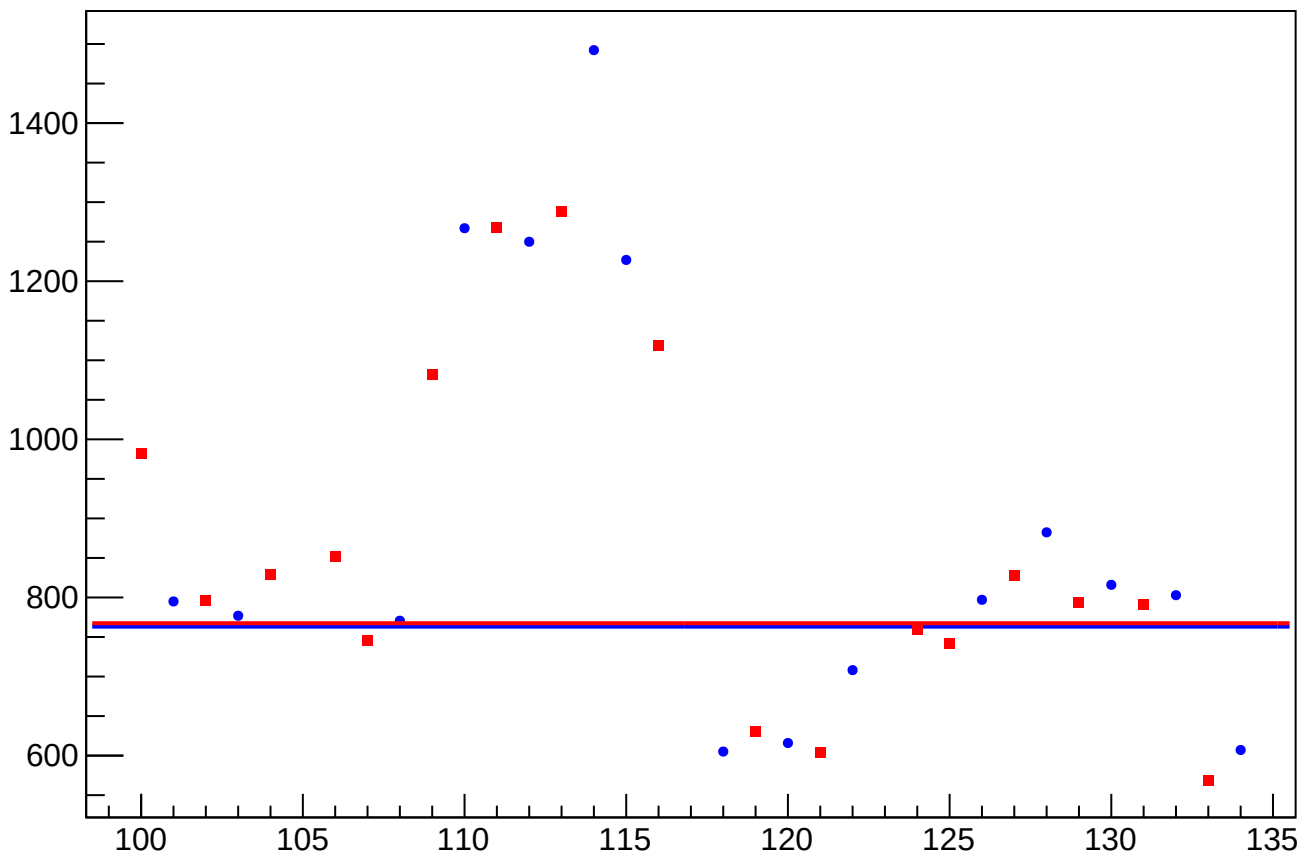
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -90.965+/-217.598 χ^2/NDF : 25.1/31

- 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 χ^2/NDF : 562914.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 767.464+/-0.216 χ^2/NDF : 688742.5/16

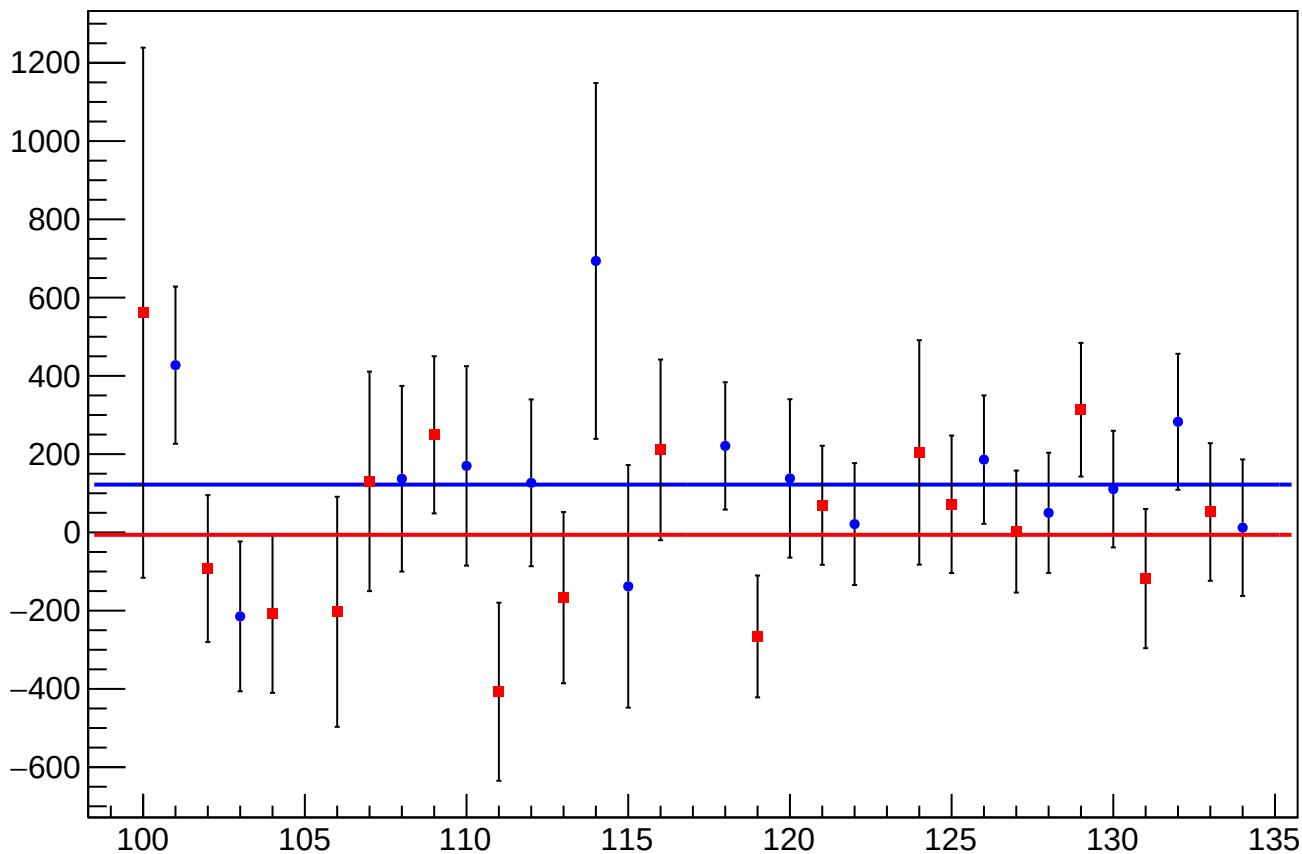
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 765.328+/-0.154 χ^2/NDF : 1251856.4/31

- sign 0.000+/-0.000 χ^2/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: -6.240 $\pm$ 48.153 χ^2 /NDF: 16.5/16

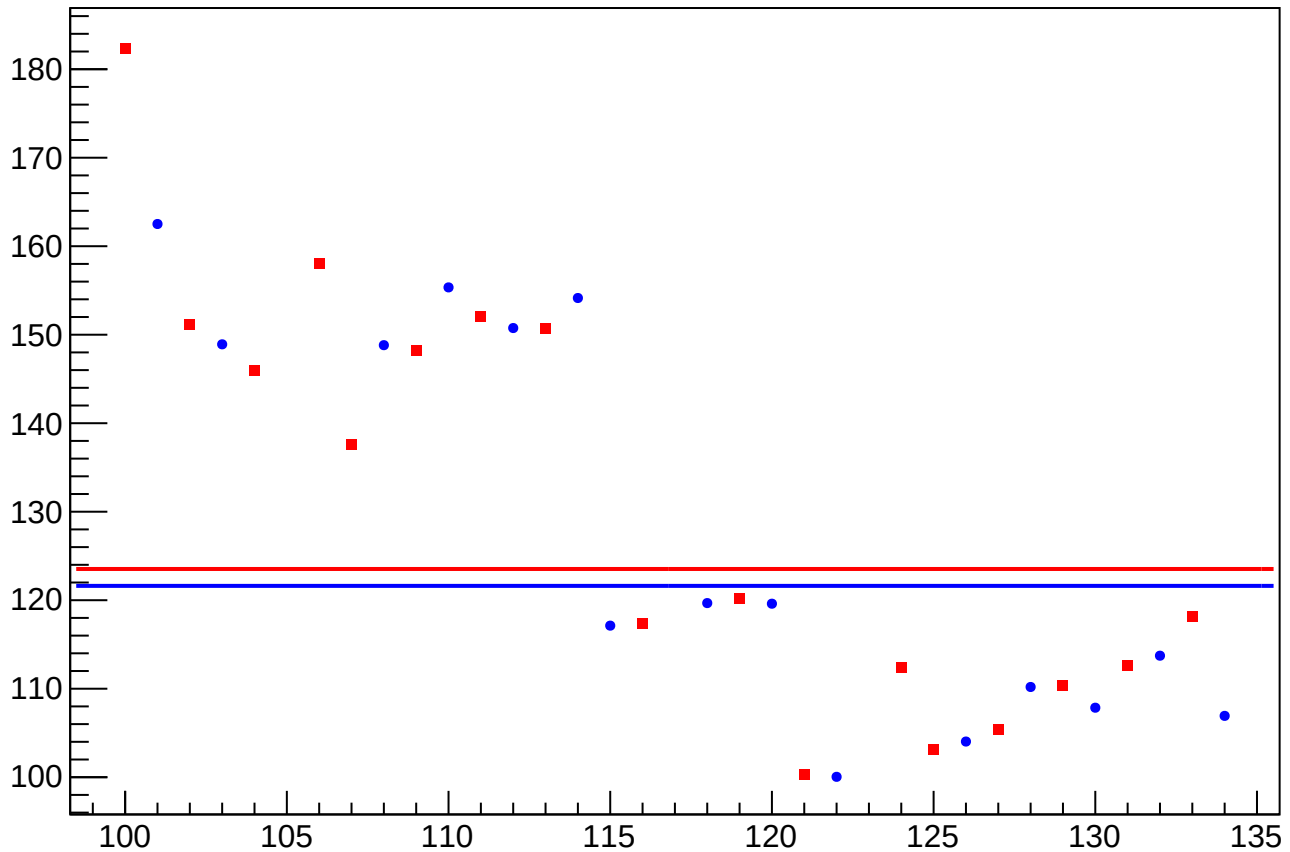
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 56.814 $\pm$ 34.347 χ^2 /NDF: 30.1/31

- 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: 123.530 $\pm$ 0.034 χ^2 /NDF: 335004.7/16

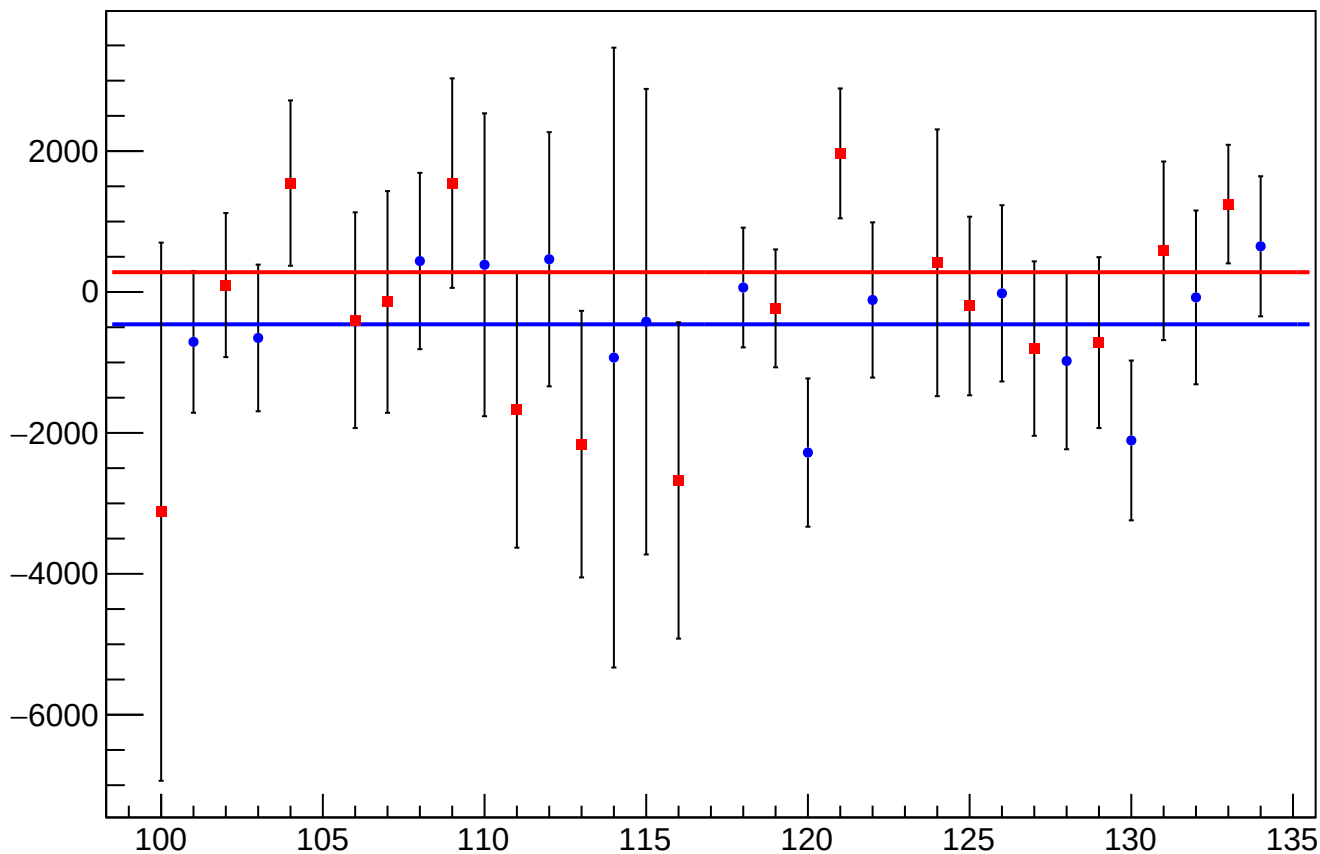
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 122.592 $\pm$ 0.024 χ^2 /NDF: 677696.9/31

- 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: 281.133+/-306.474 χ^2/NDF : 14.1/16

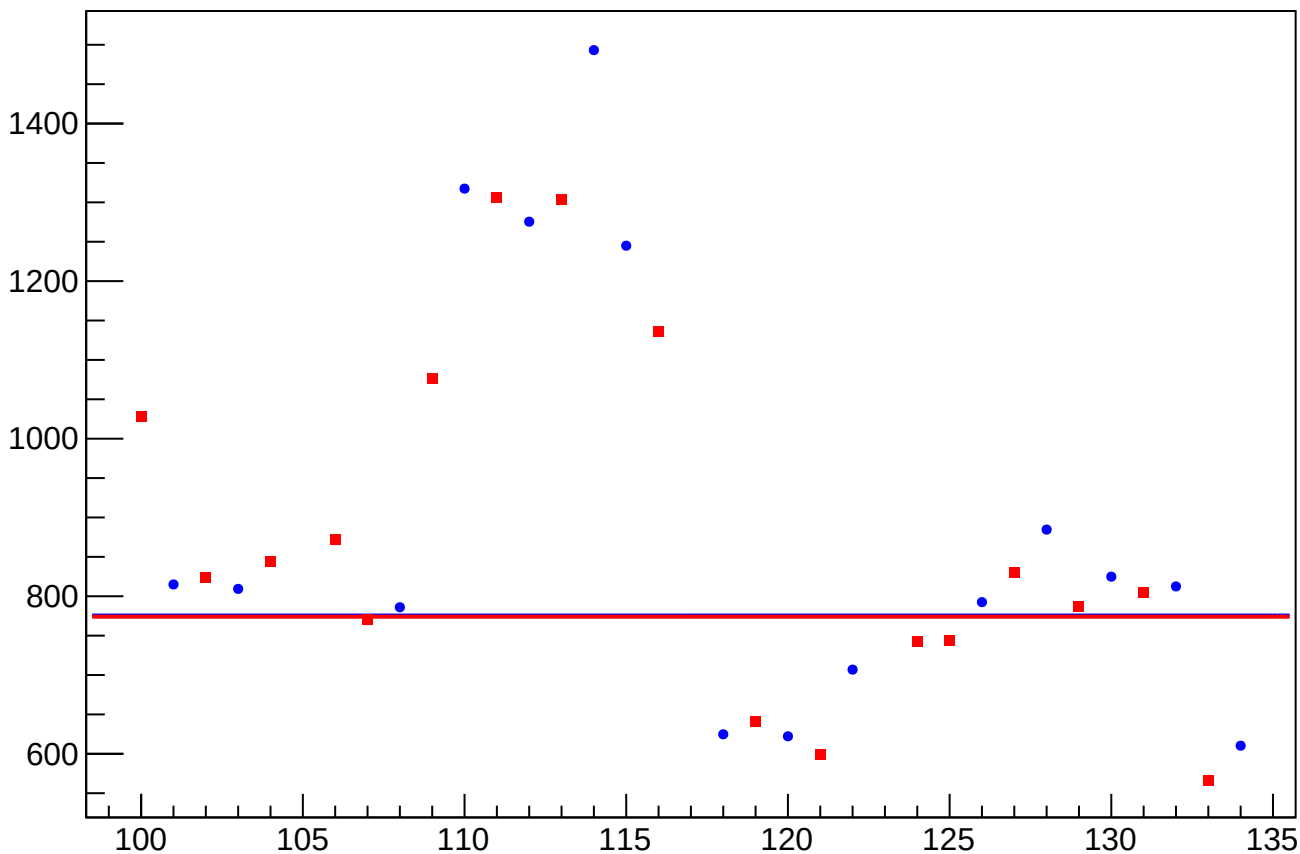
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -78.065+/-219.809 χ^2/NDF : 25.1/31

- 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: 774.041+/-0.217 χ^2/NDF : 720655.6/16

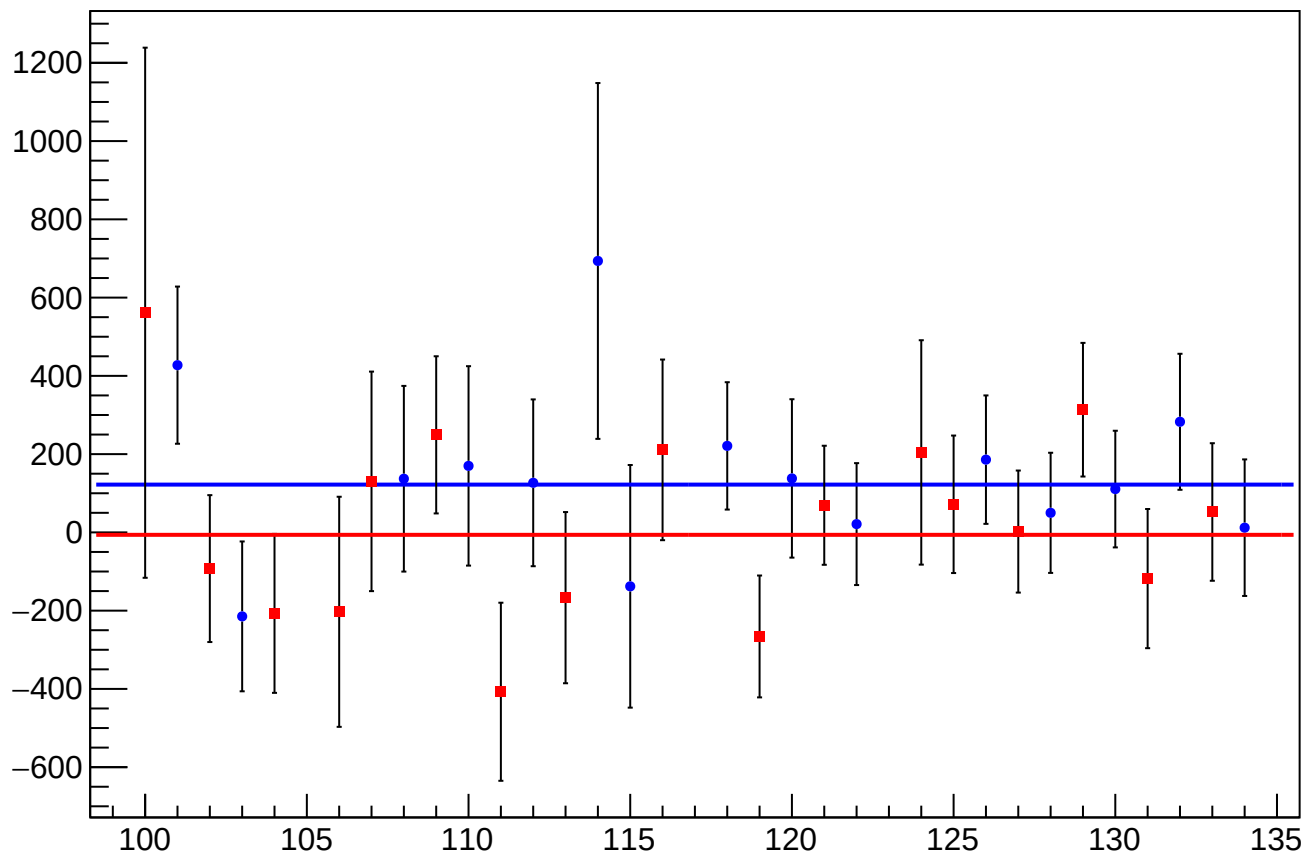
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 774.760+/-0.155 χ^2/NDF : 1289764.3/31

- 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: -6.240 $\pm$ 48.153 χ^2 /NDF: 16.5/16

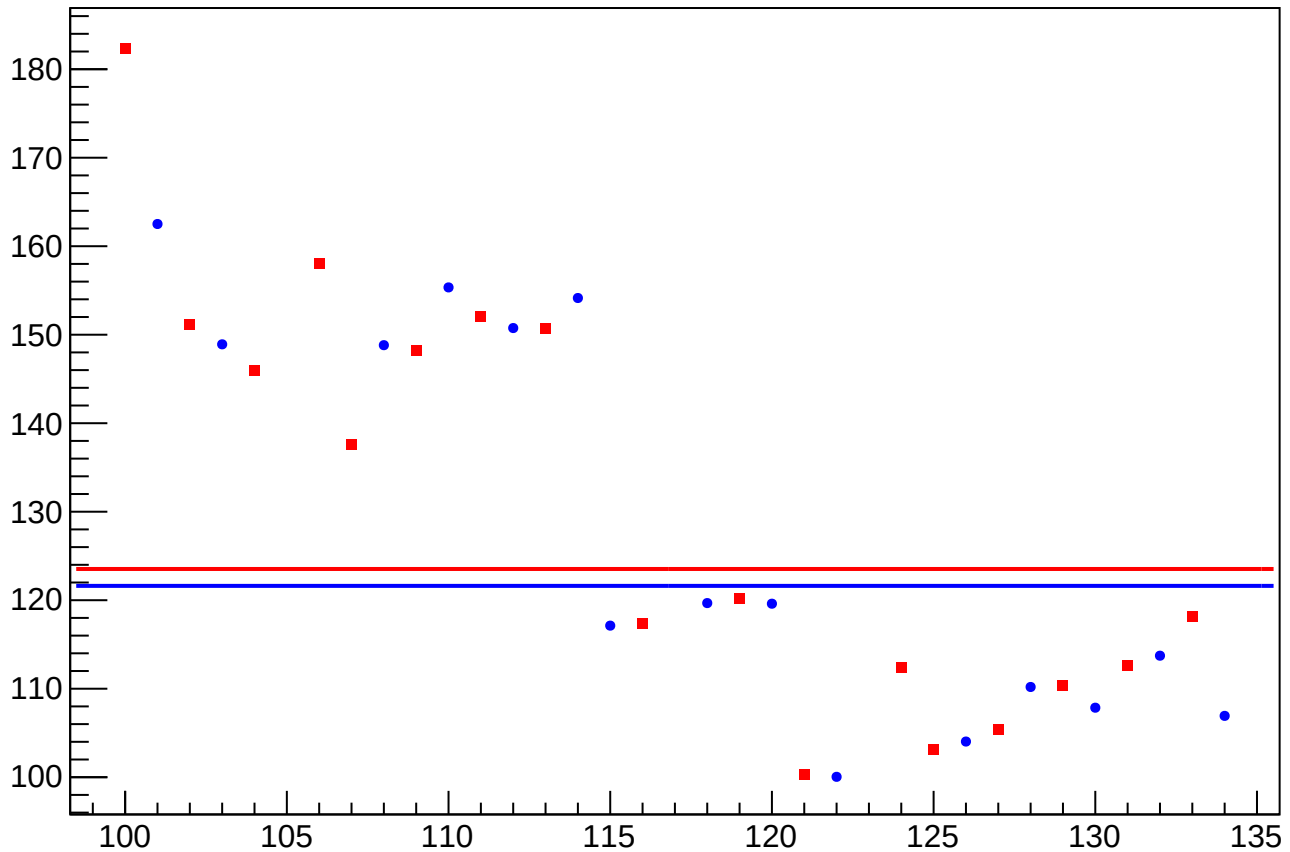
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 56.813 $\pm$ 34.347 χ^2 /NDF: 30.1/31

- 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: 123.530 $\pm$ 0.034 χ^2 /NDF: 334997.5/16

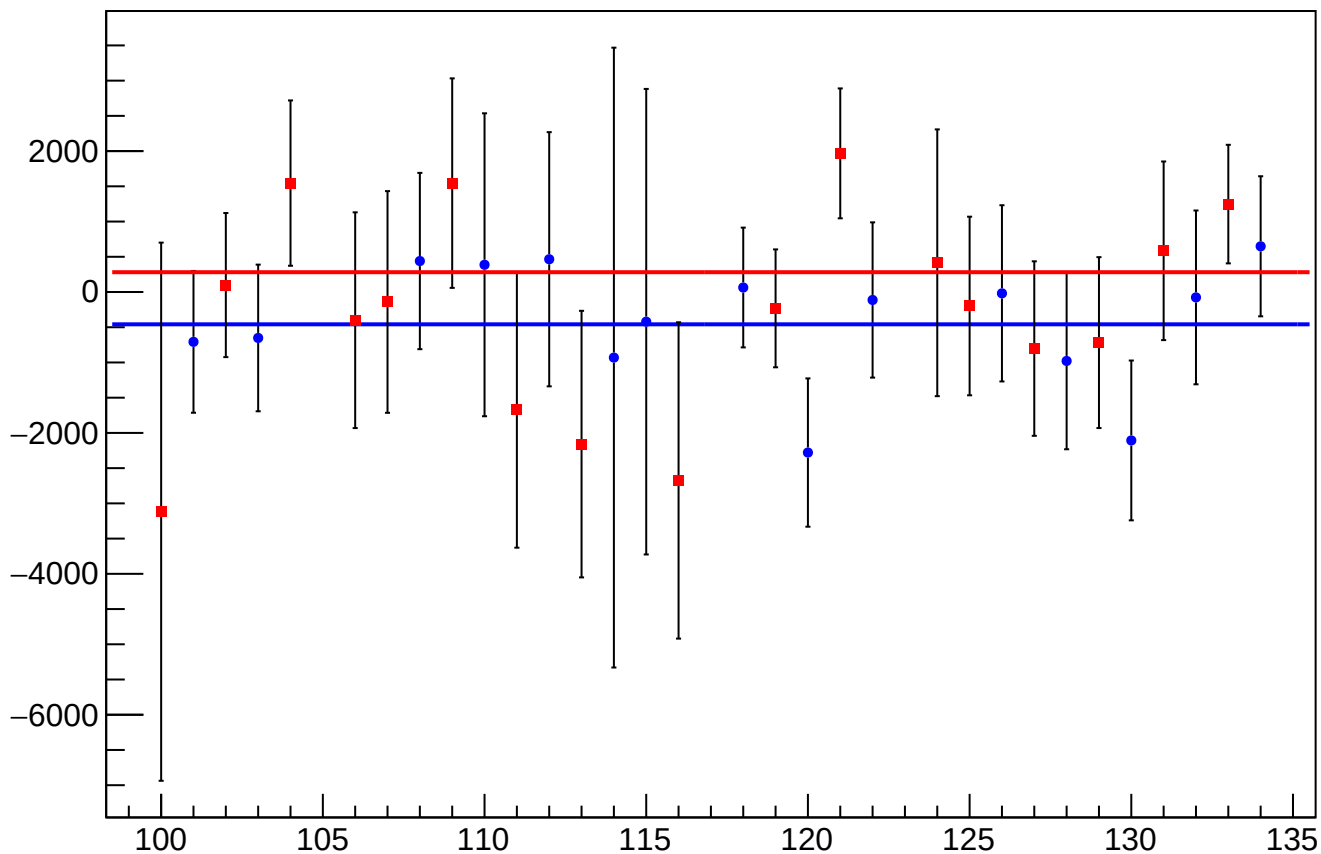
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 122.592 $\pm$ 0.024 χ^2 /NDF: 677679.6/31

- 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: 281.133+/-306.474 χ^2 /NDF: 14.1/16

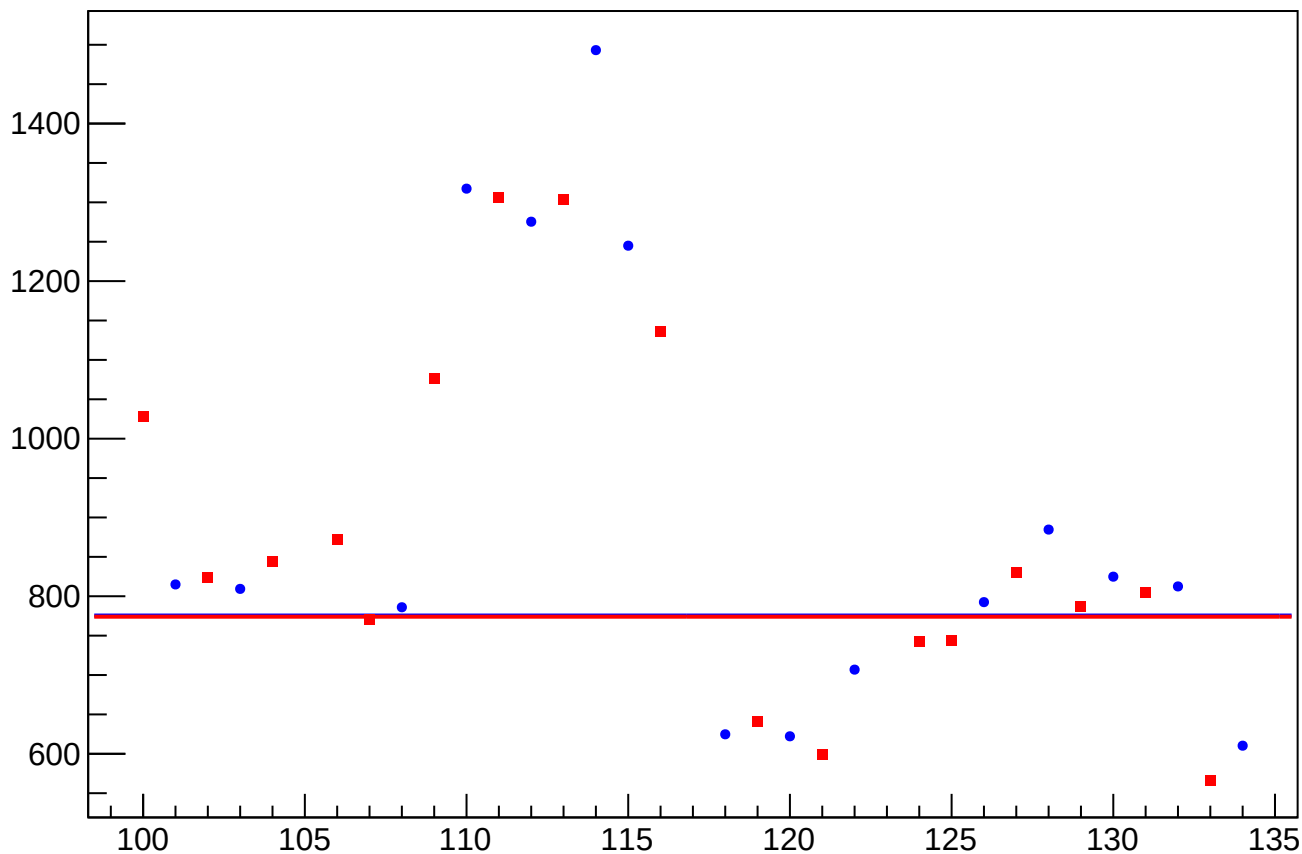
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -78.065+/-219.809 χ^2 /NDF: 25.1/31

- 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 $\pm$ 0.223 χ^2 /NDF: 569079.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 774.041 $\pm$ 0.217 χ^2 /NDF: 720649.2/16

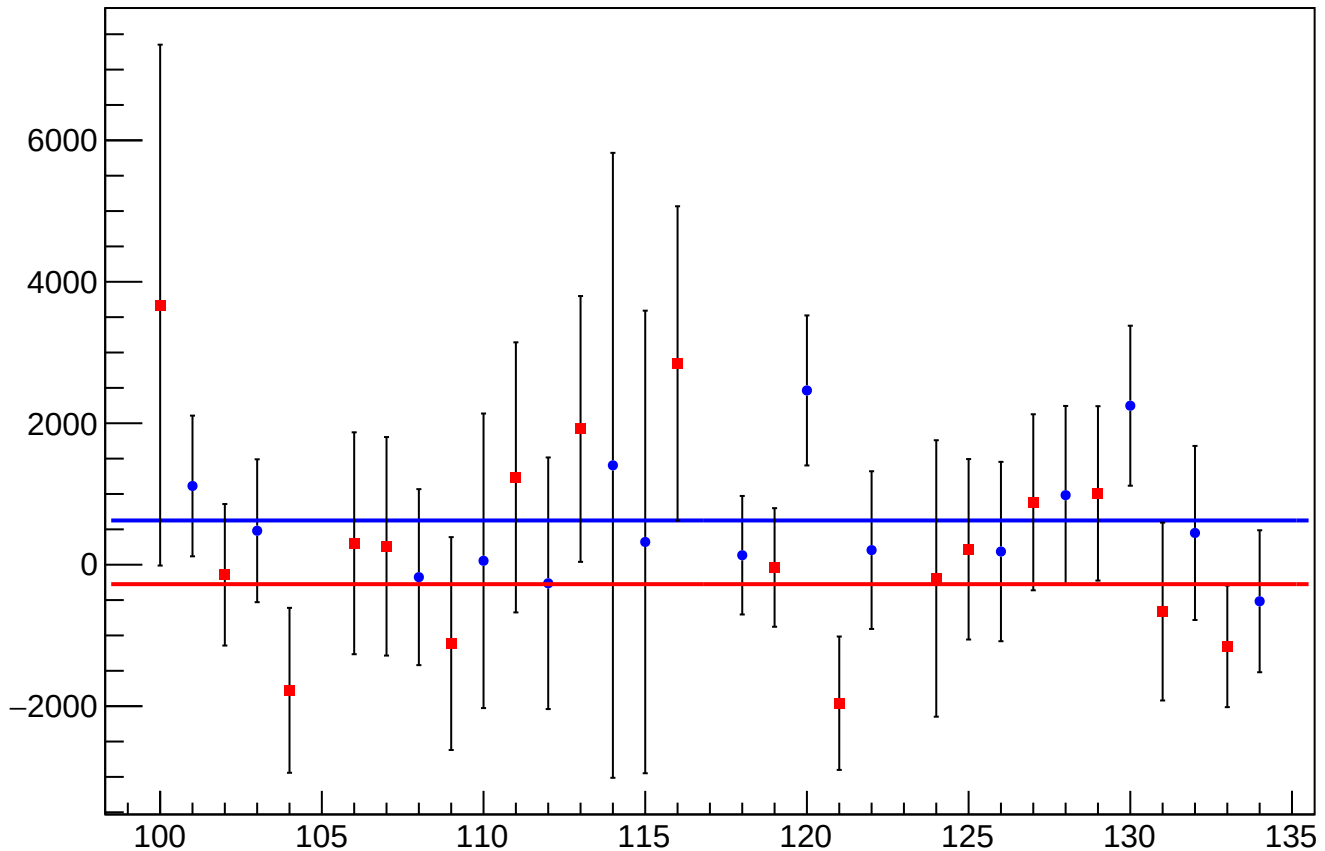
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 774.760 $\pm$ 0.155 χ^2 /NDF: 1289751.7/31

- sign 0.000 $\pm$ 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: -274.877 $\pm$ 307.922 χ^2 /NDF: 13.9/16

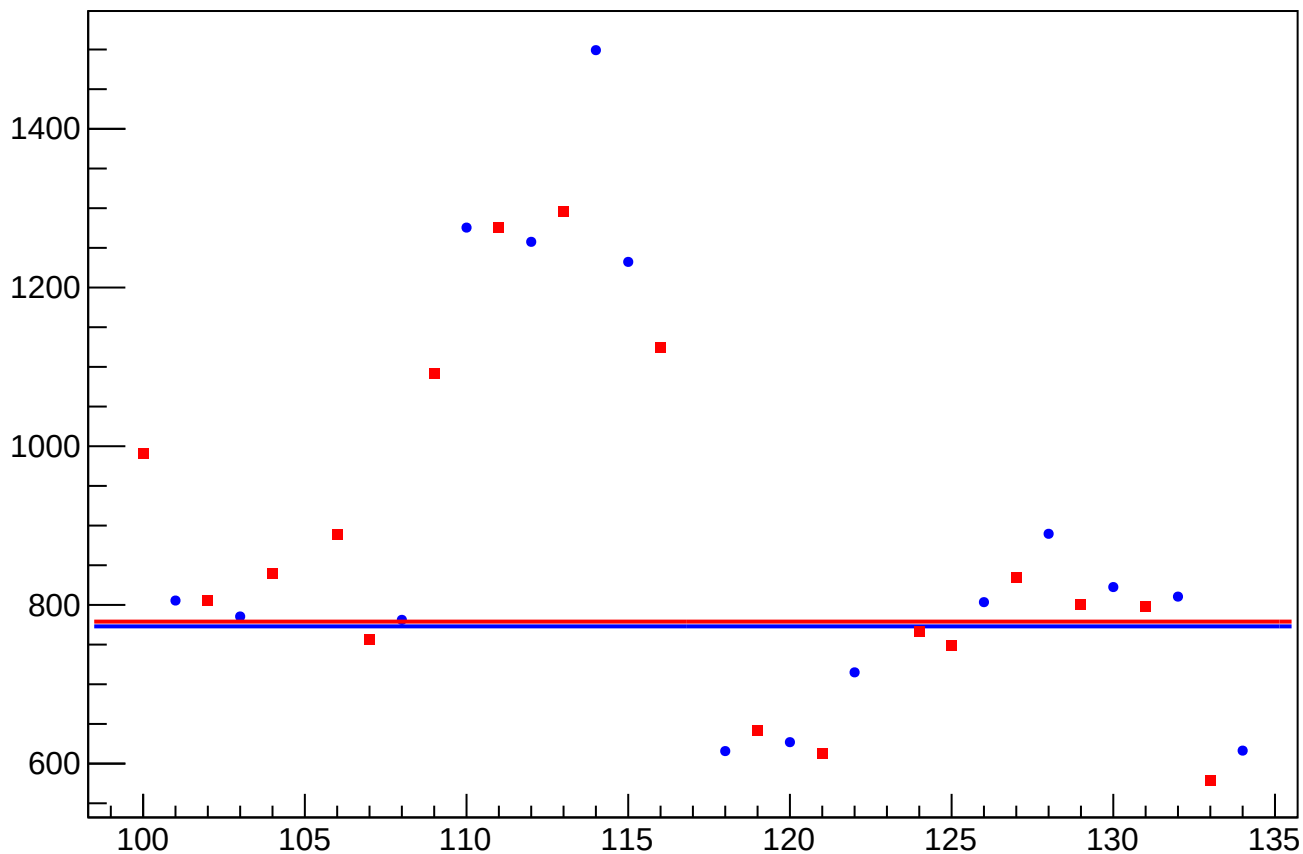
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 166.280 $\pm$ 219.908 χ^2 /NDF: 26.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_rms vs Slug



Right In: 772.958 $\pm$ 0.222 χ^2 /NDF: 547312.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 778.967 $\pm$ 0.218 χ^2 /NDF: 674963.7/16

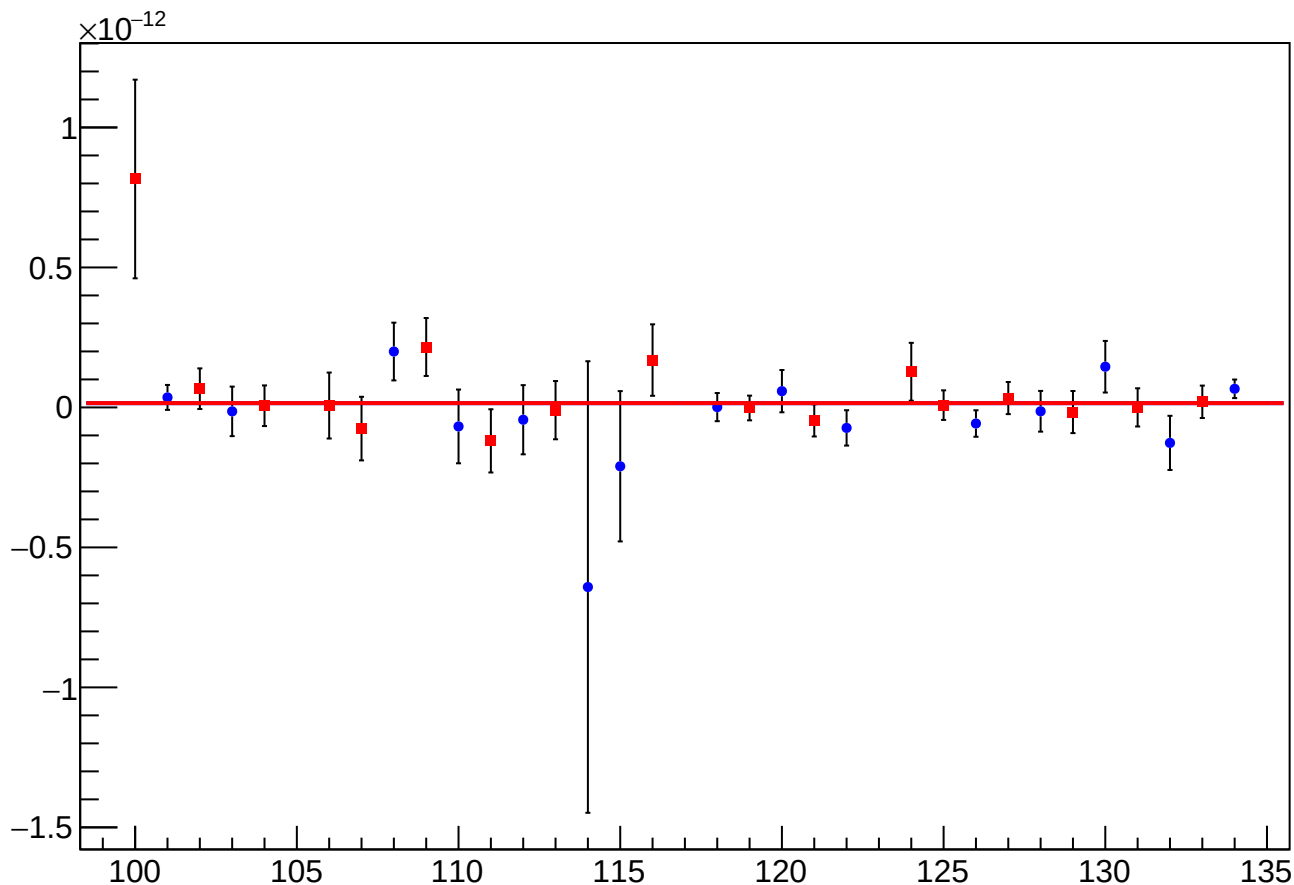
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 776.023 $\pm$ 0.155 χ^2 /NDF: 1222649.6/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 16.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.8/16

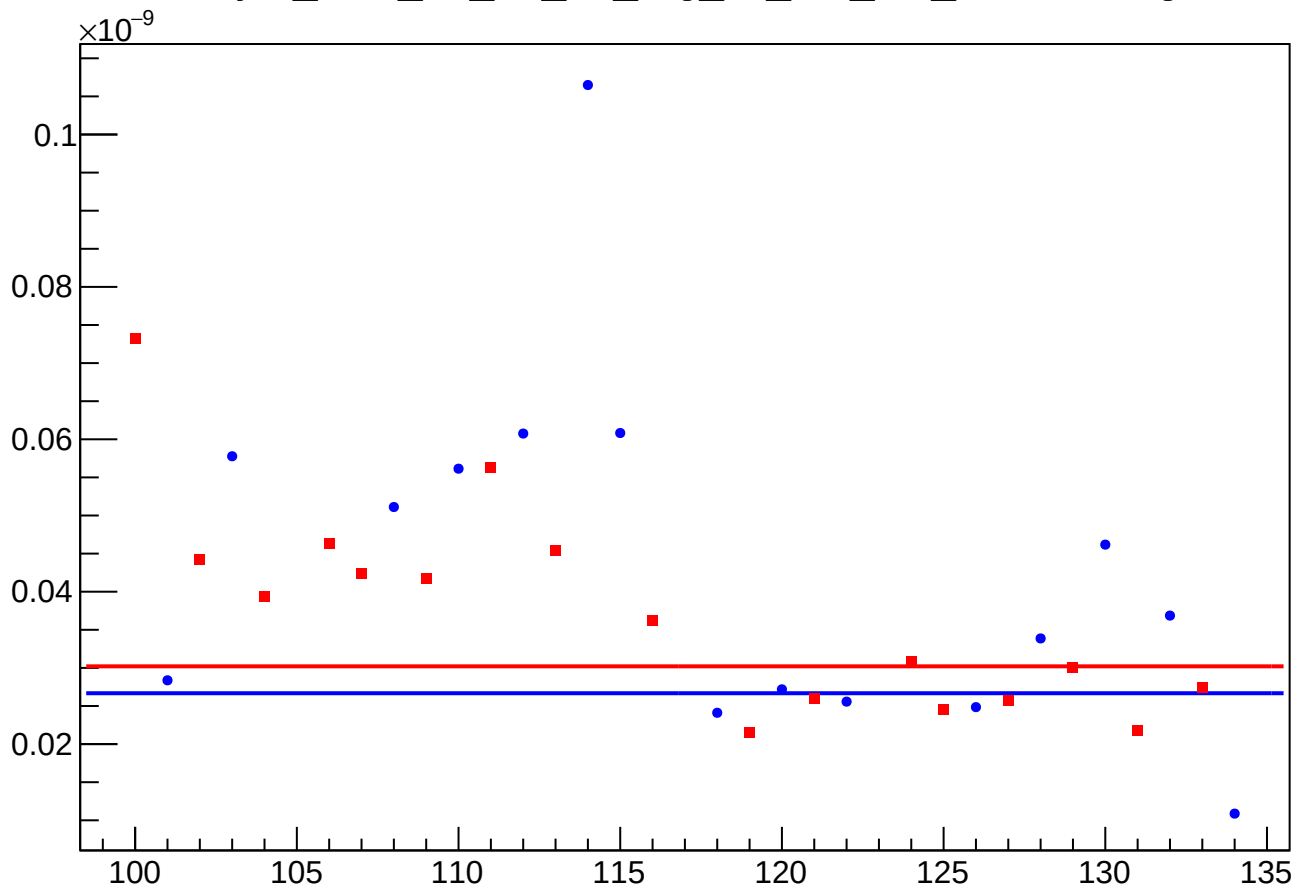
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.7/31

- sign 0.000+/-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 : 533252.8/16

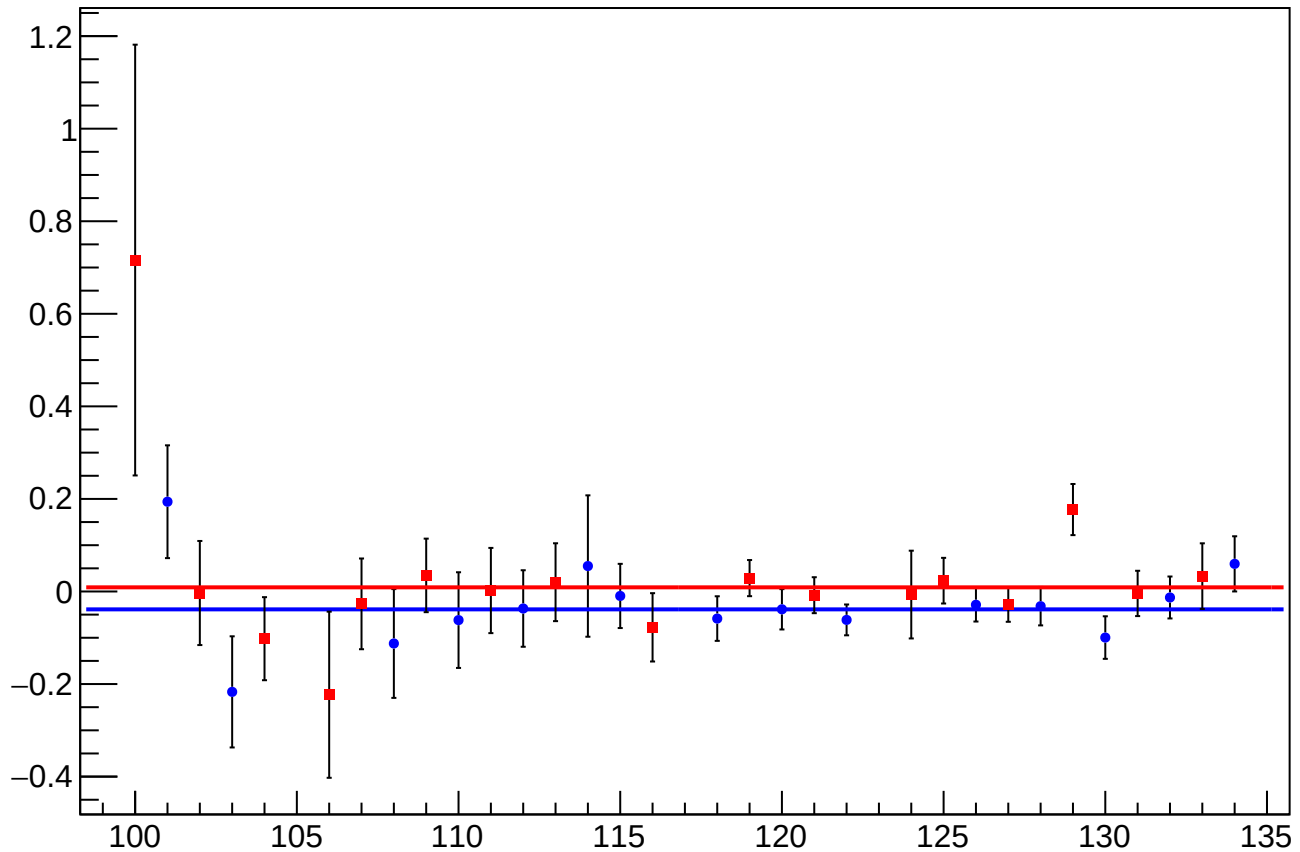
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1834895.8/31

- 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 $\pm$ 0.014 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.009 $\pm$ 0.015 χ^2 /NDF: 18.2/16

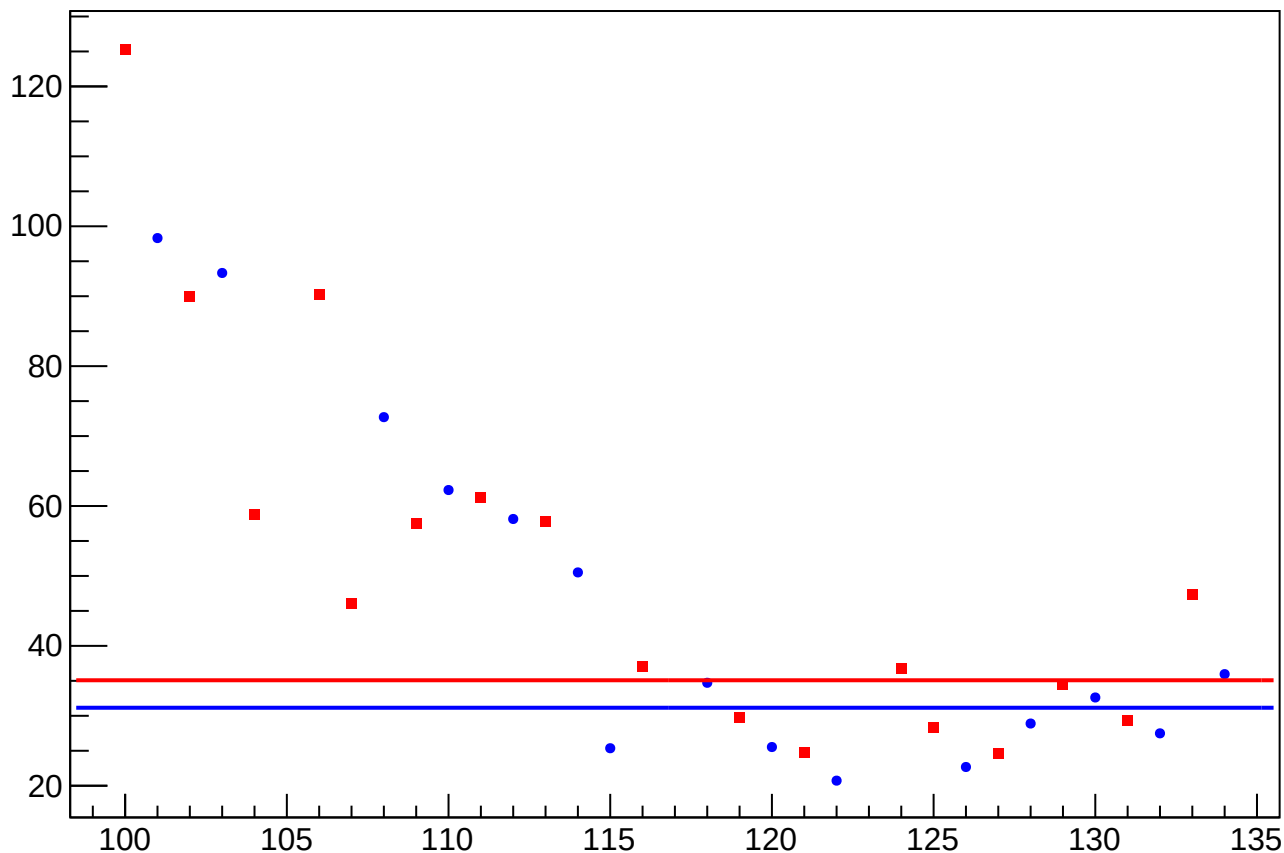
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.017 $\pm$ 0.010 χ^2 /NDF: 36.0/31

- sign 0.000 $\pm$ 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: 35.082+/-0.011 χ^2/NDF : 1835597.7/16

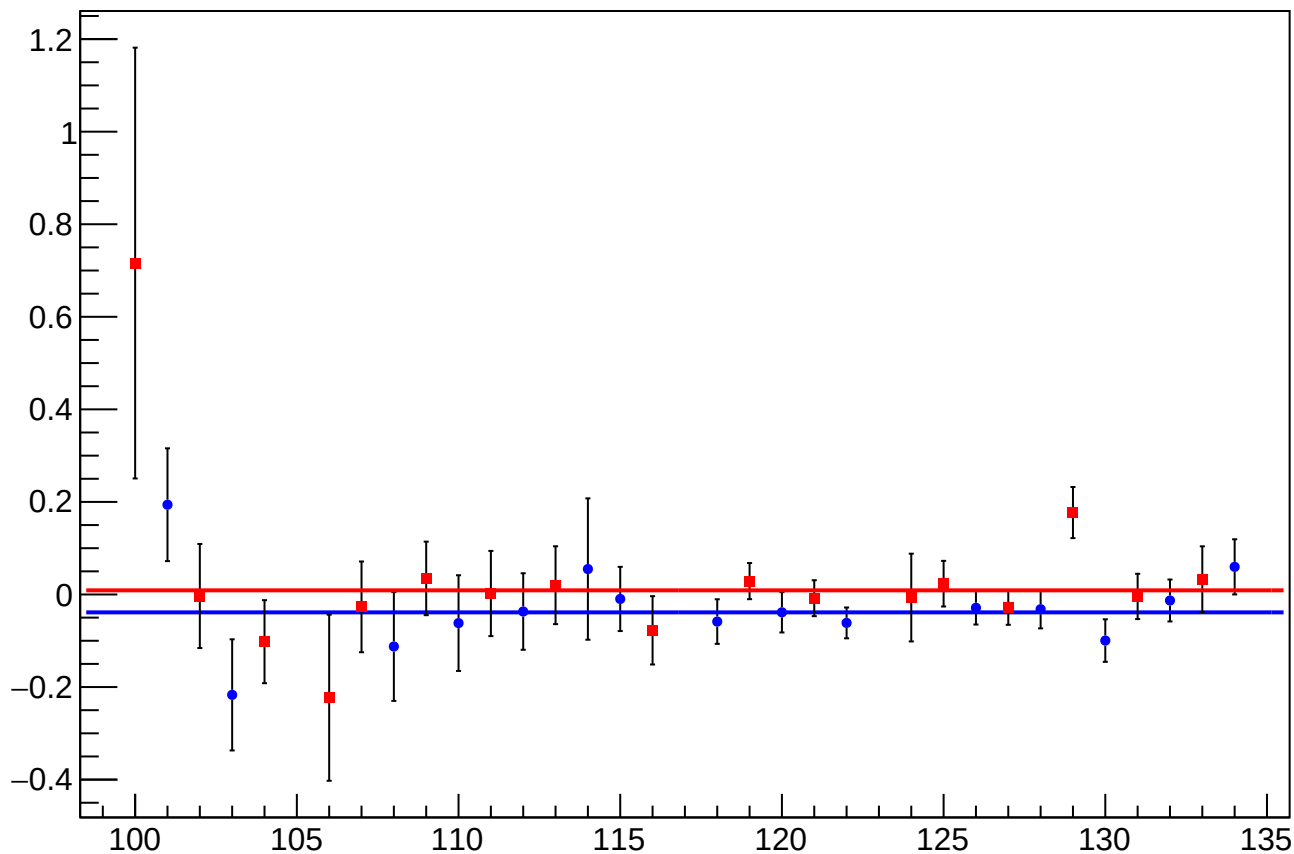
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.976+/-0.007 χ^2/NDF : 4127388.4/31

- 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: 0.009 $\pm$ 0.015 χ^2 /NDF: 18.2/16

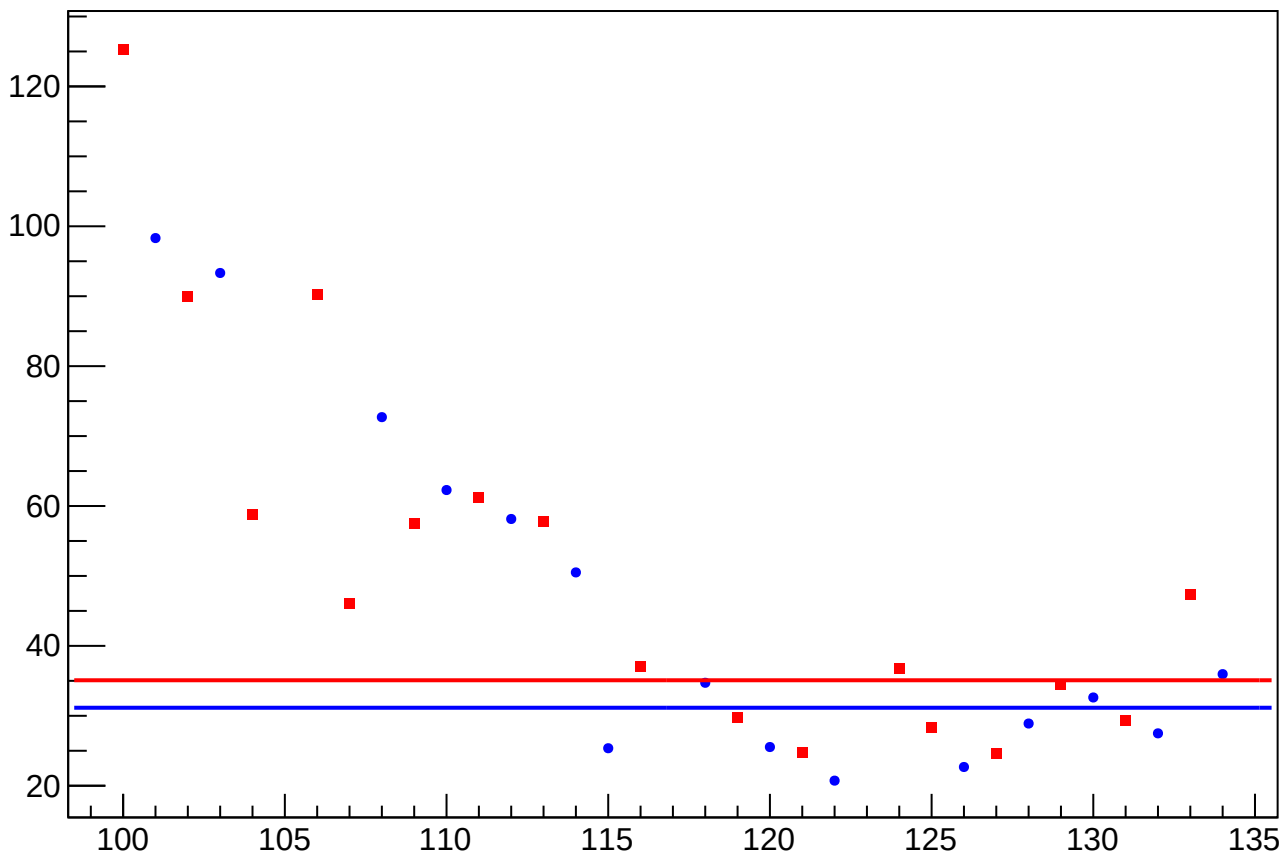
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.017 $\pm$ 0.010 χ^2 /NDF: 36.0/31

- 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: 35.082+/-0.011 χ^2/NDF : 1835597.7/16

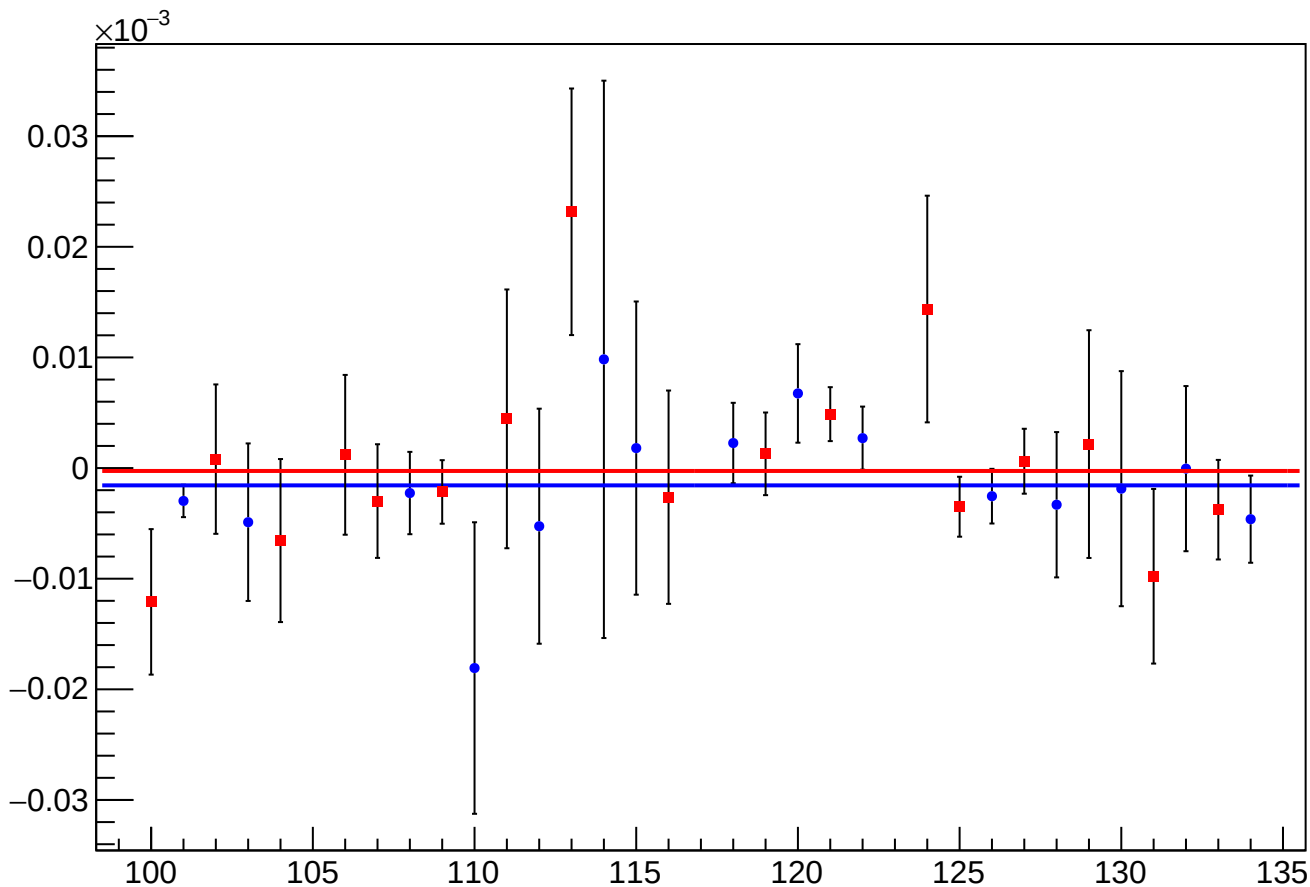
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.976+/-0.007 χ^2/NDF : 4127388.4/31

- 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 : 19.7/16

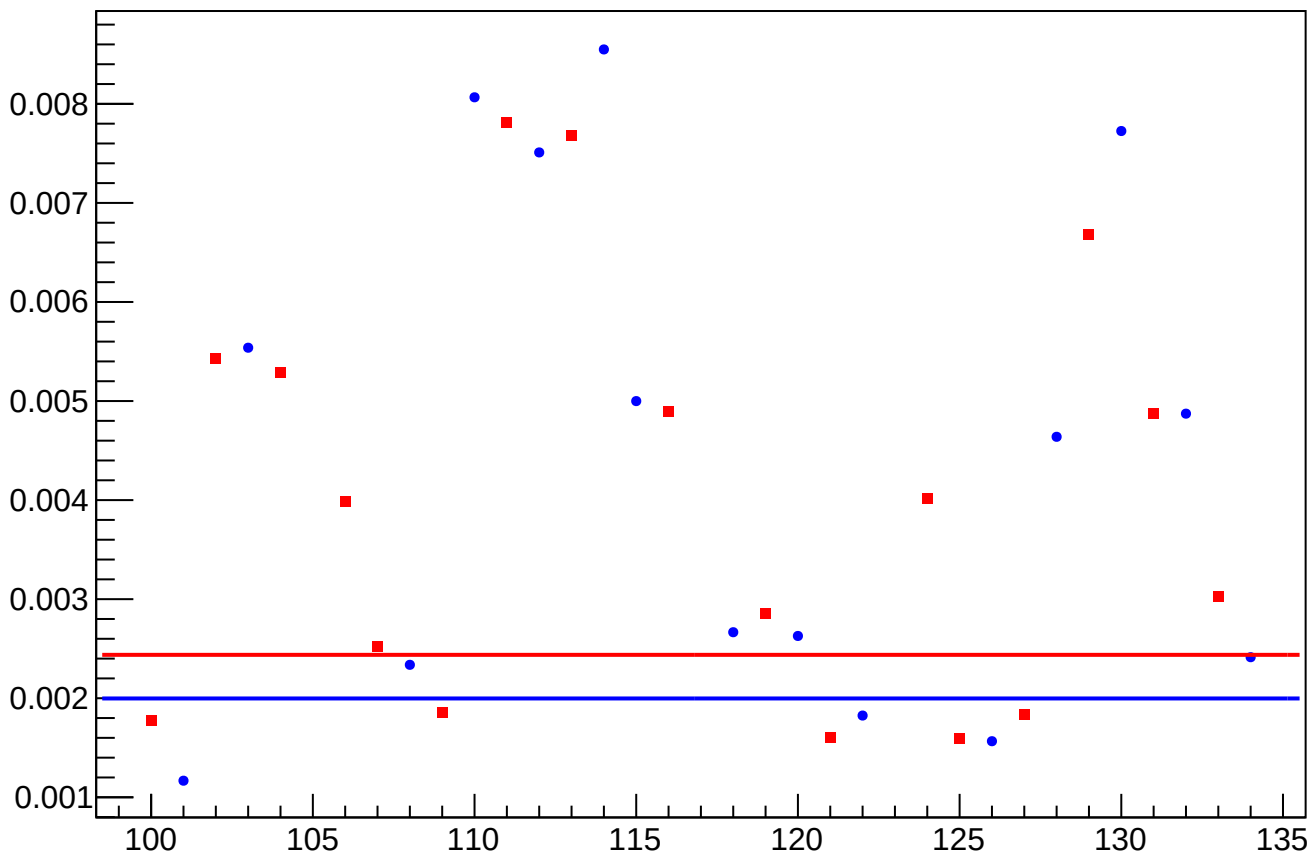
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.3/31

- 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 : 3034064.1/16

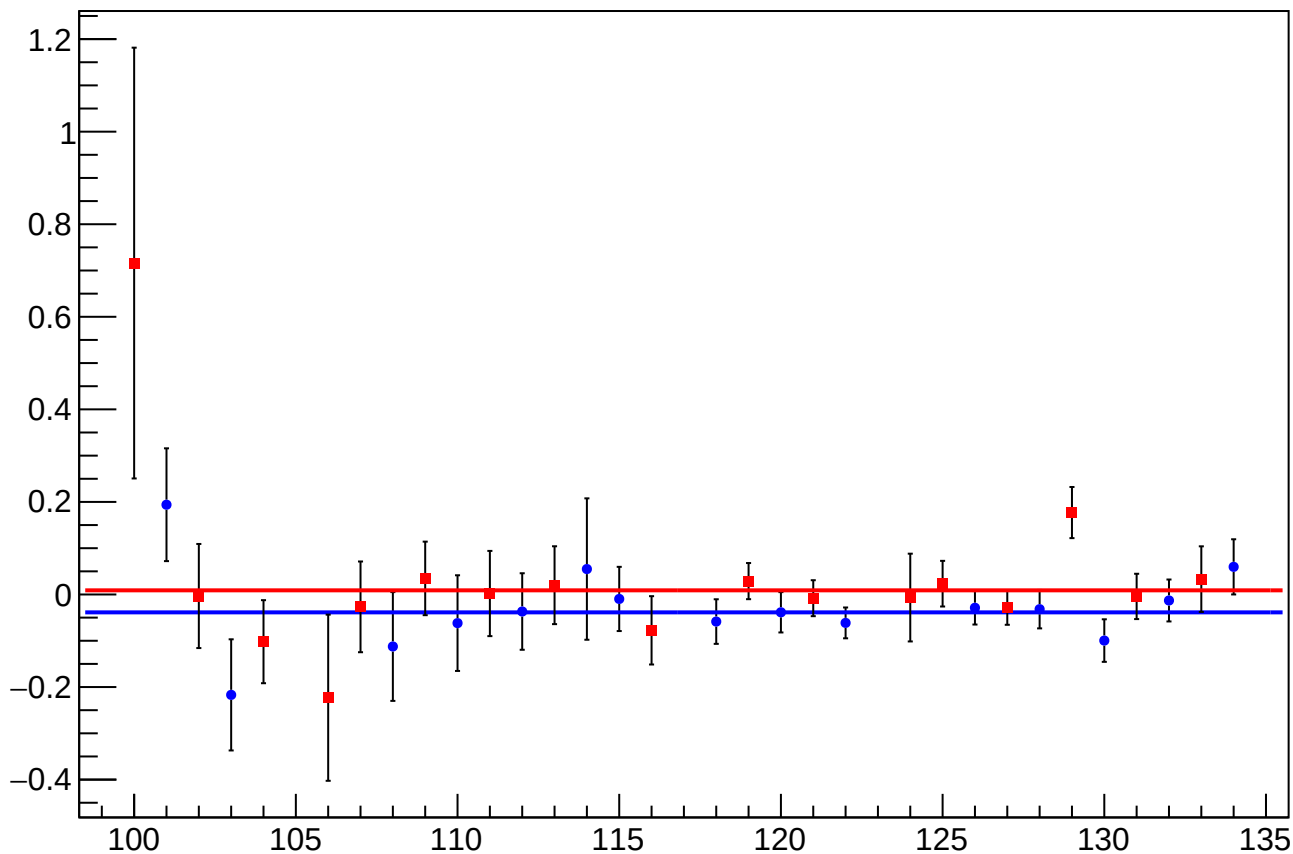
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6974090.1/31

- 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: 0.009 $\pm$ 0.015 χ^2 /NDF: 18.2/16

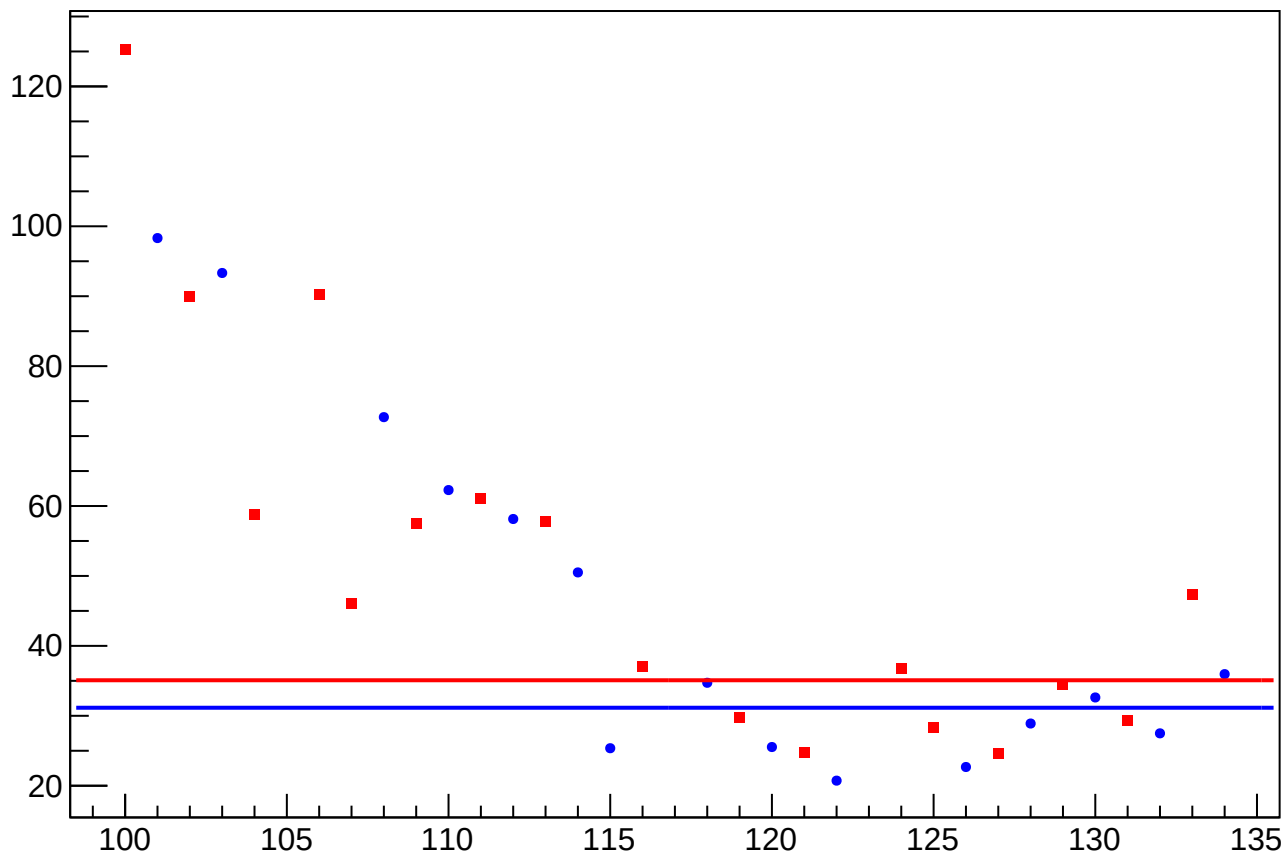
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.017 $\pm$ 0.010 χ^2 /NDF: 36.0/31

- 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: 35.083+/-0.011 χ^2/NDF : 1835490.2/16

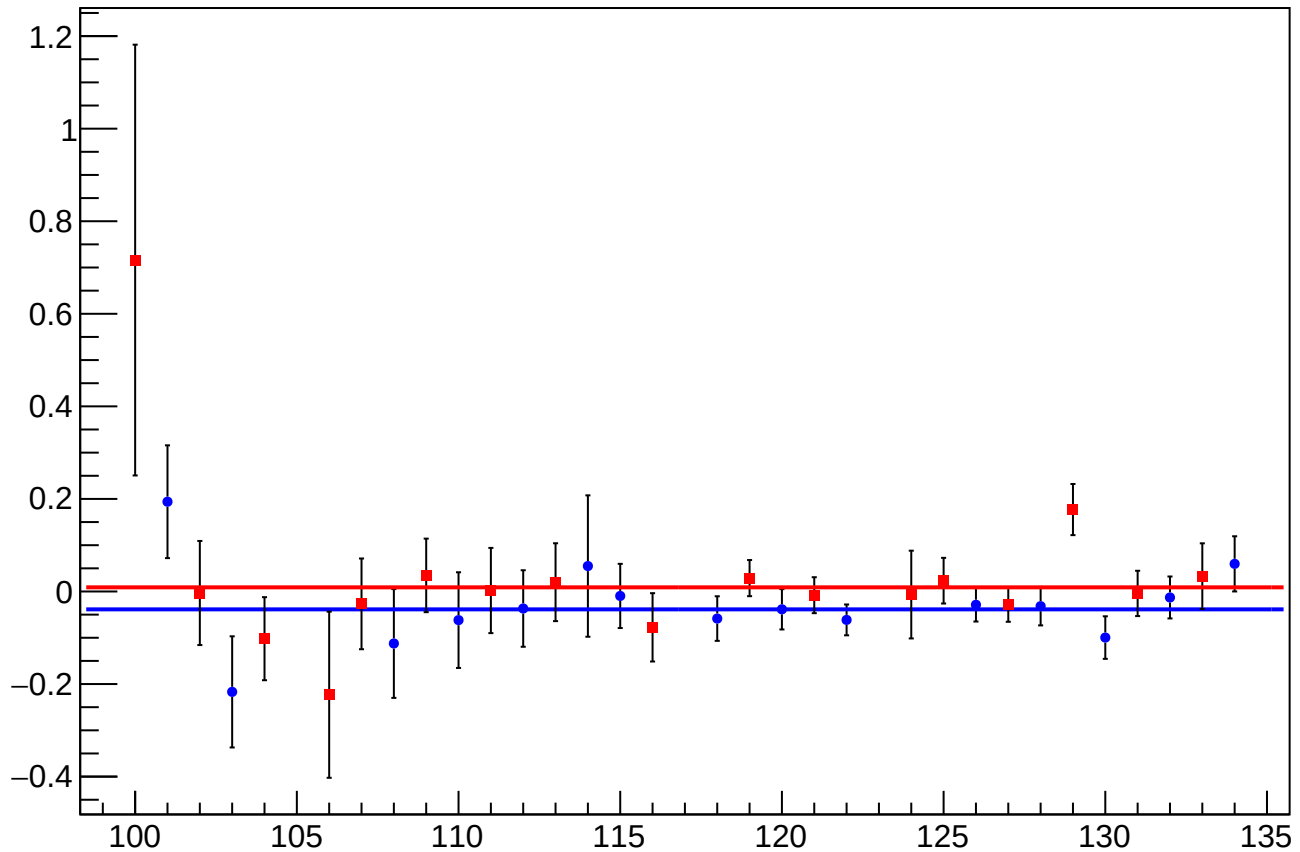
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.977+/-0.007 χ^2/NDF : 4127262.0/31

- 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 ± 0.014 χ^2/NDF : 12.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.009 ± 0.015 χ^2/NDF : 18.2/16

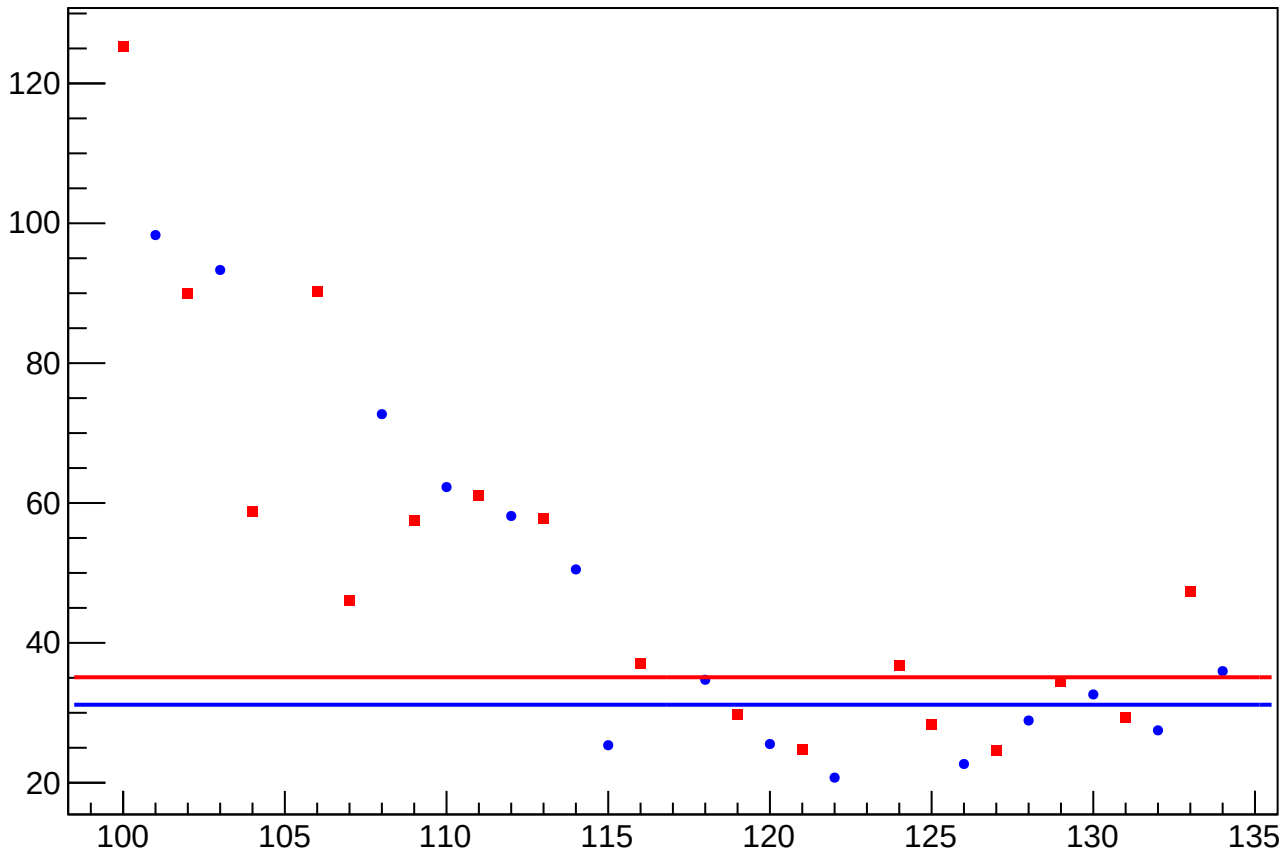
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.017 ± 0.010 χ^2/NDF : 36.0/31

- sign 0.000 ± 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: 35.083+/-0.011 χ^2/NDF : 1835490.2/16

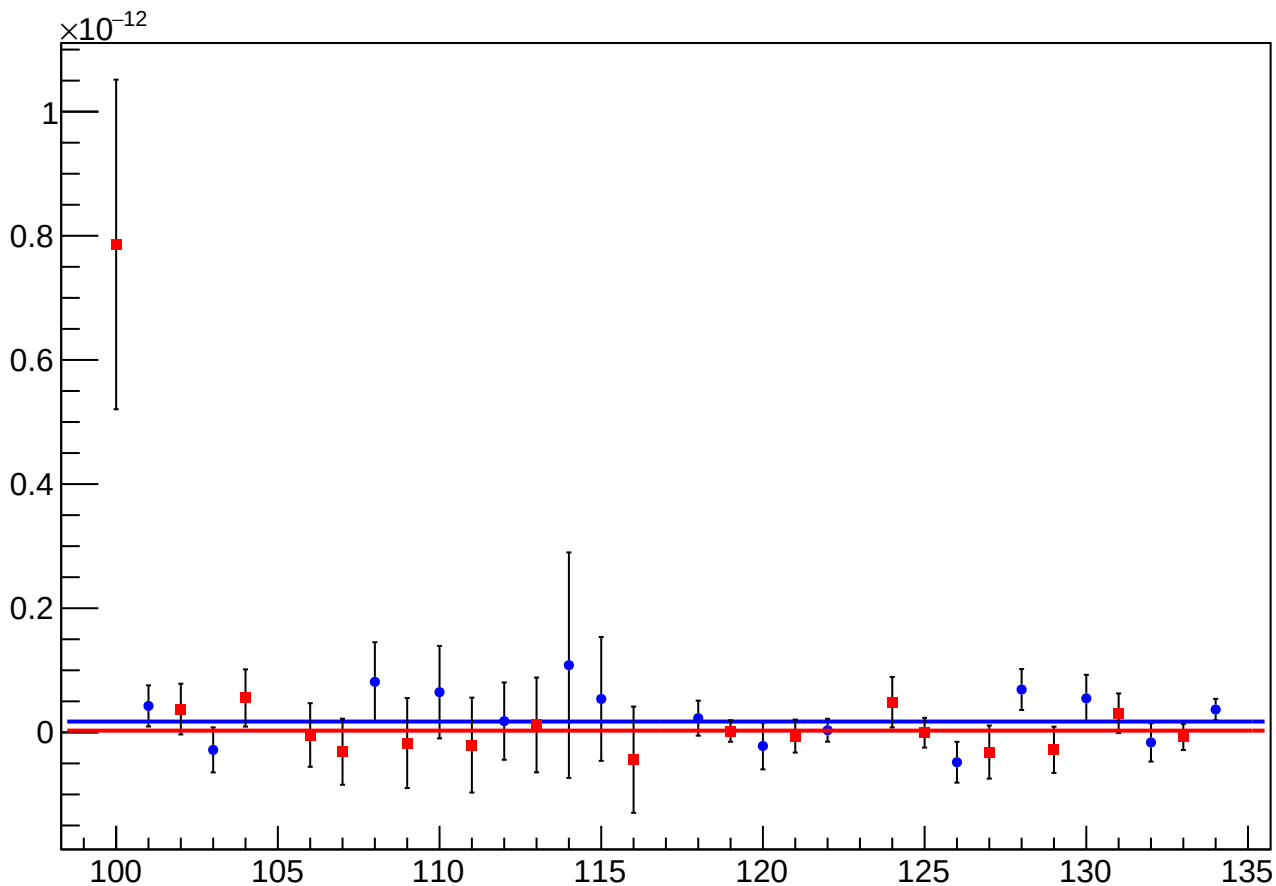
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.977+/-0.007 χ^2/NDF : 4127262.0/31

- 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: 15.4/16

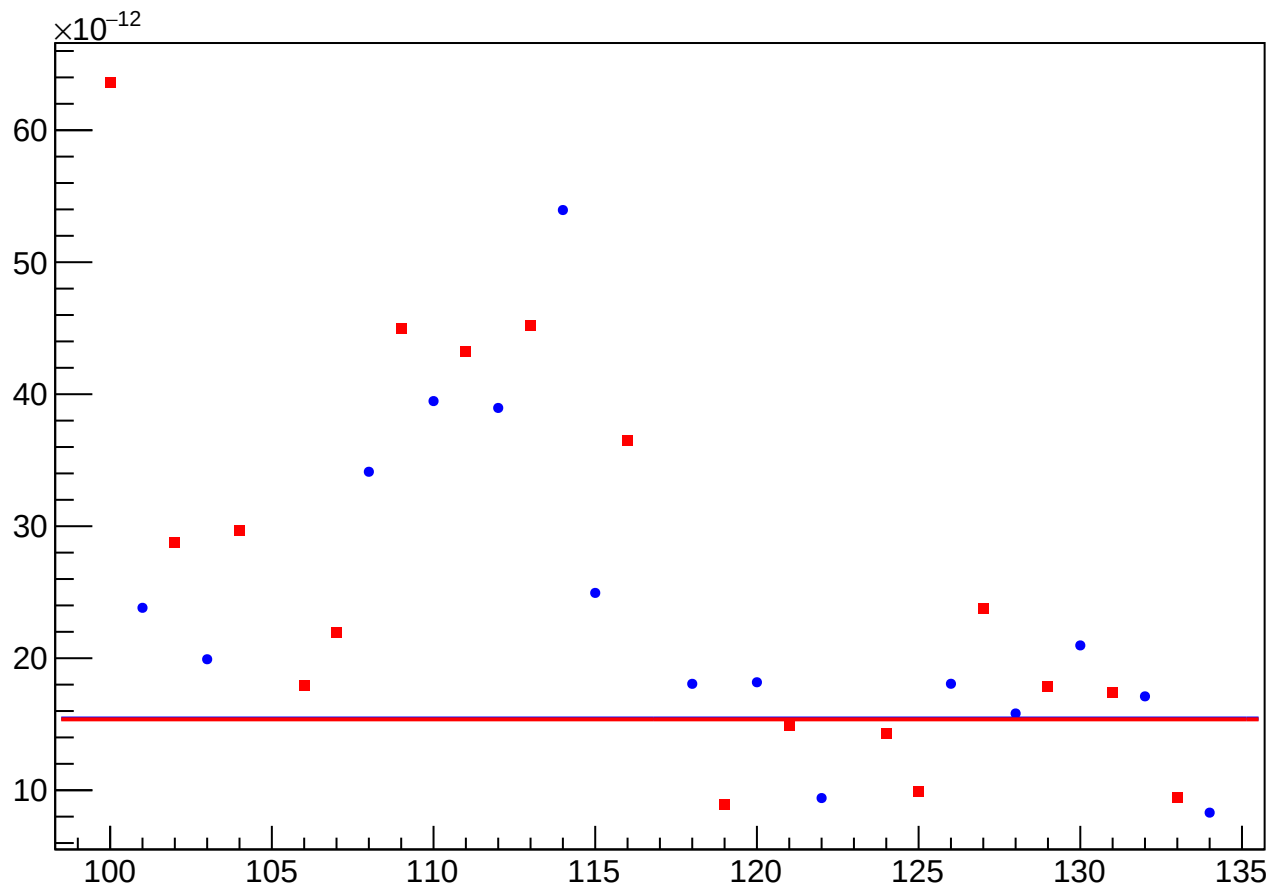
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 32.4/31

- 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 : 2171041.6/16

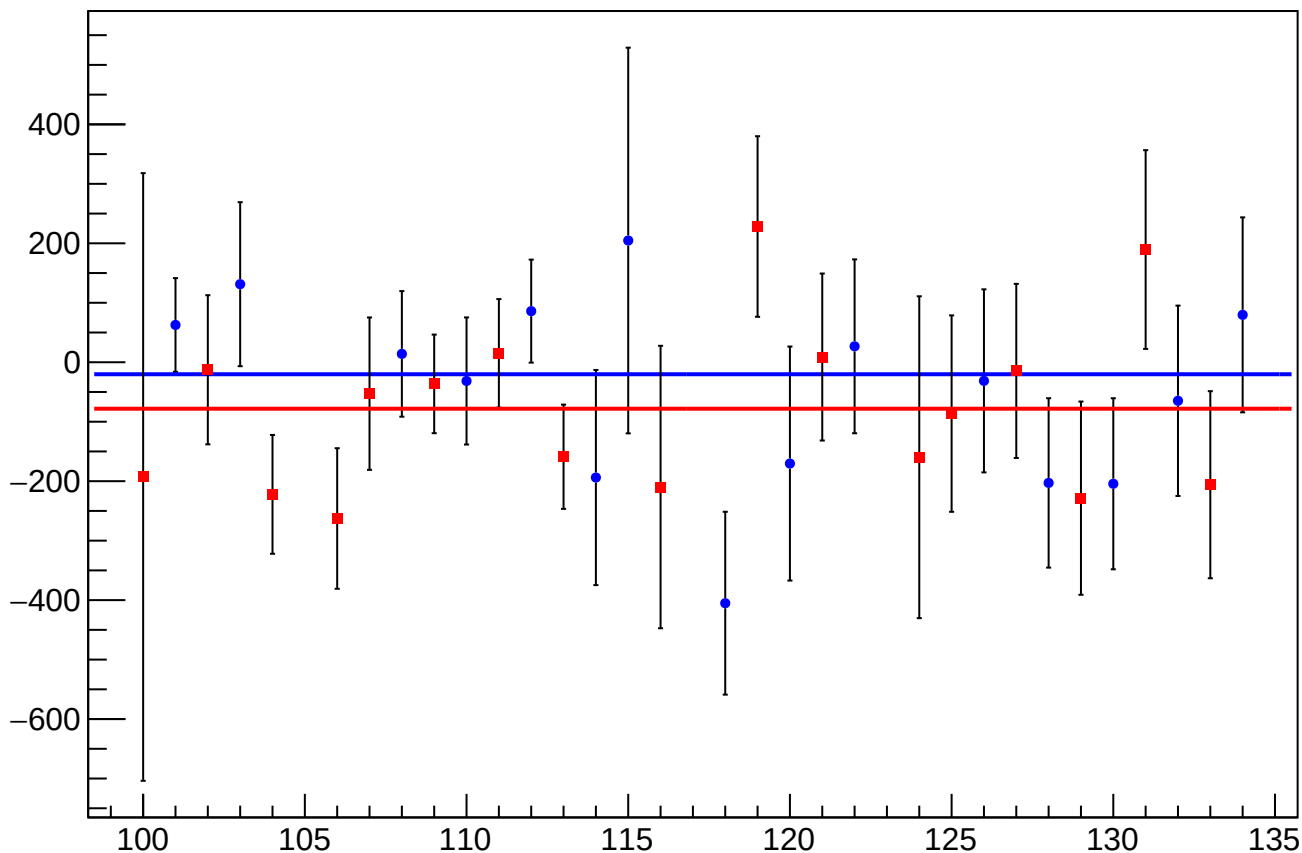
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3750061.9/31

- 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: -78.140 ± 31.330 χ^2/NDF : 16.2/16

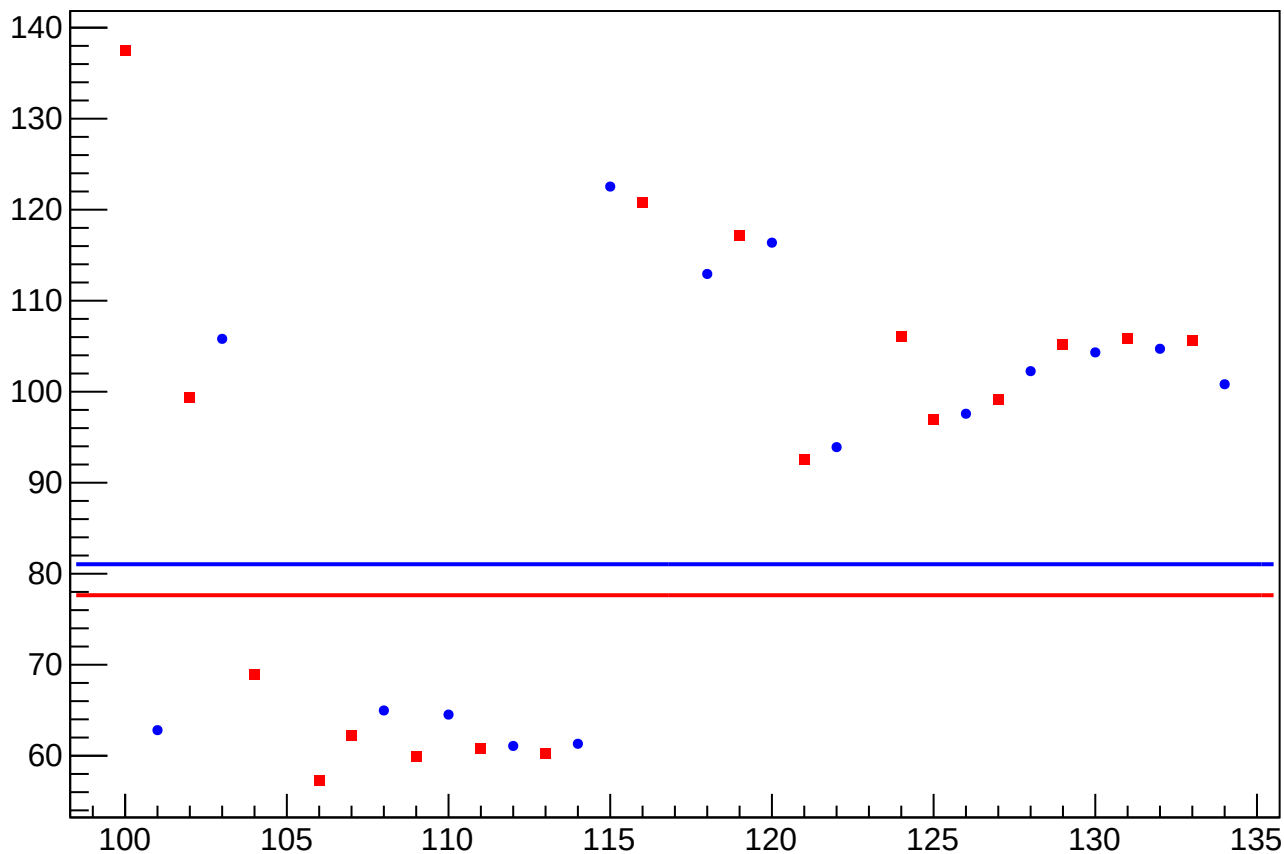
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -51.023 ± 22.857 χ^2/NDF : 33.8/31

- 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: 77.639+/-0.022 χ^2/NDF : 923059.9/16

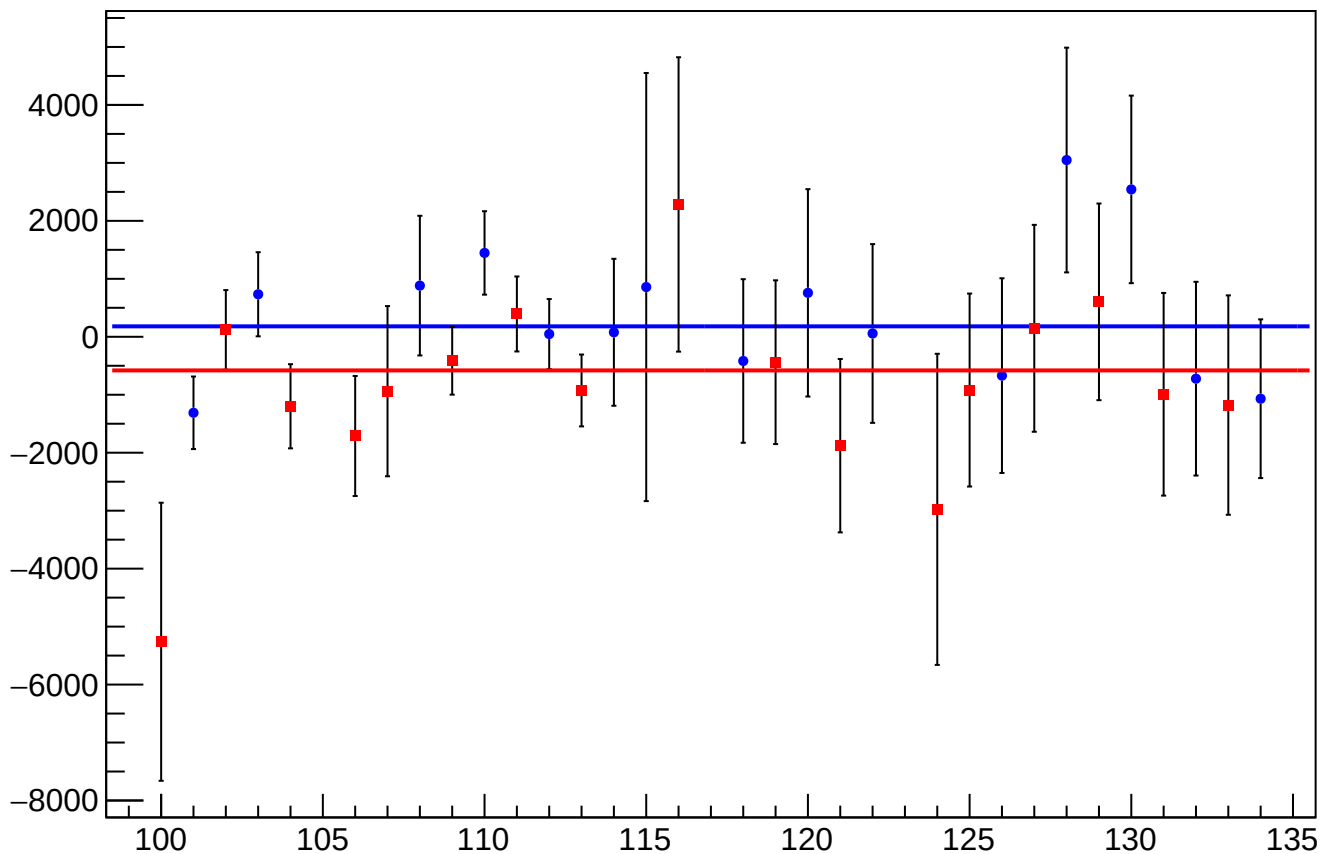
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.232+/-0.016 χ^2/NDF : 1721388.2/31

- 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: -579.989 $\pm$ 247.056 χ^2 /NDF: 13.2/16

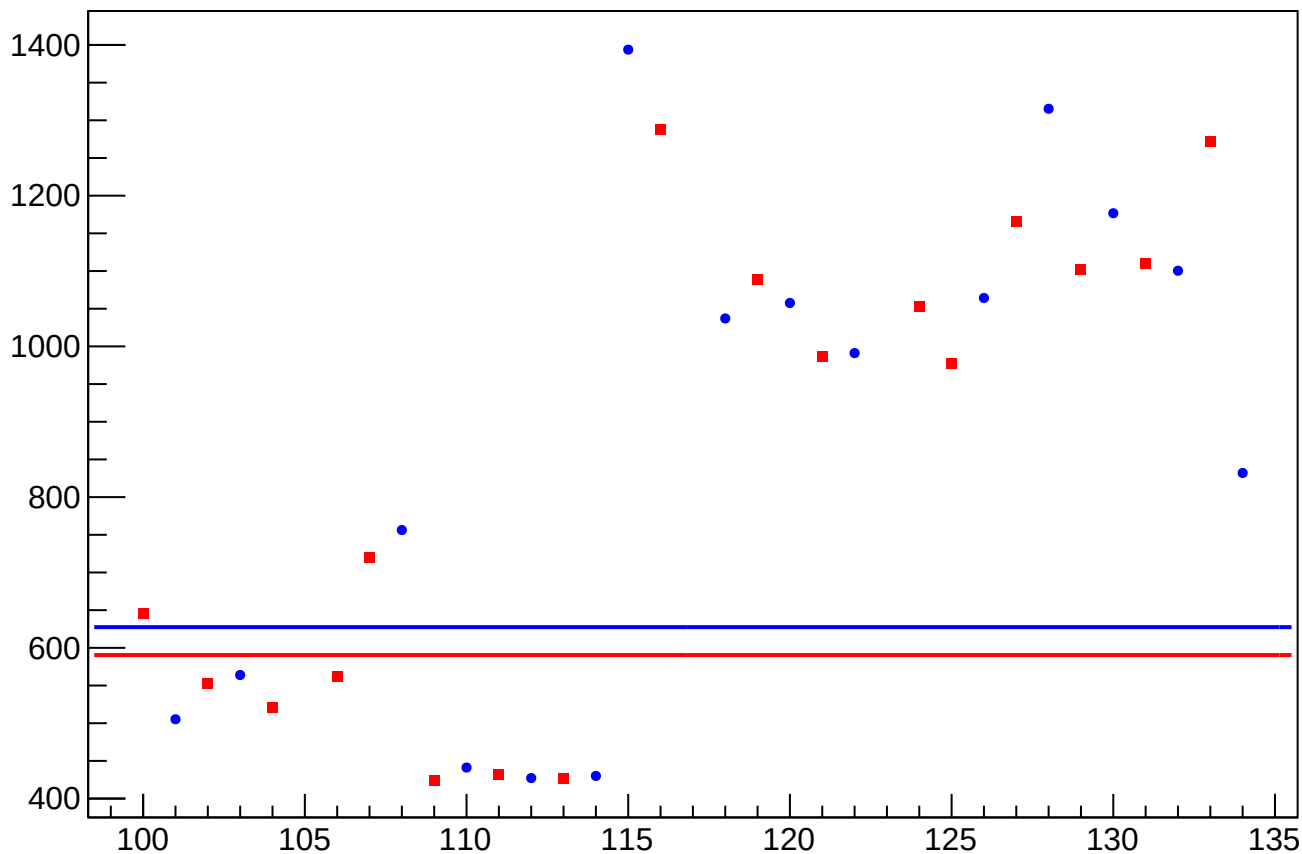
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -234.718 $\pm$ 182.501 χ^2 /NDF: 33.2/31

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

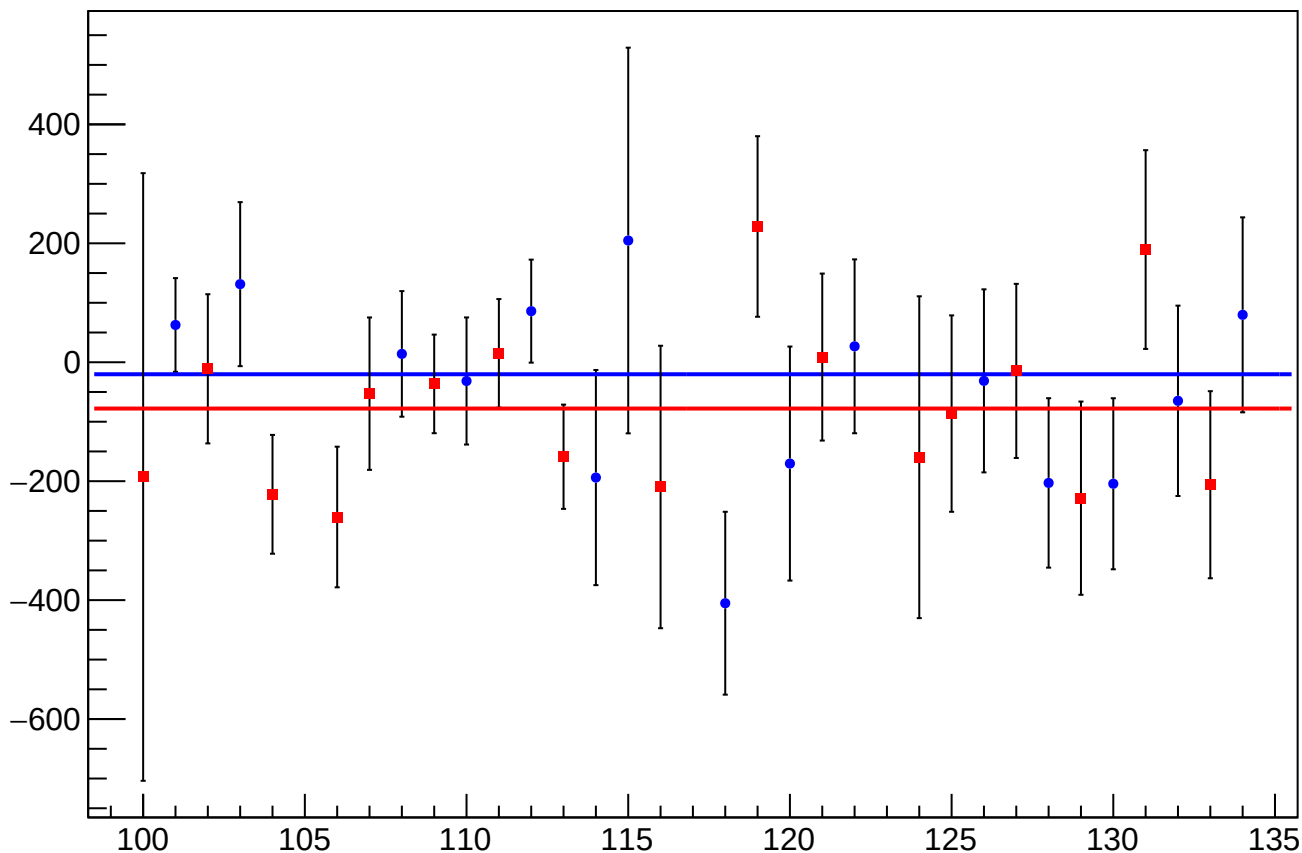
Right Out: 590.413+/-0.175 χ^2/NDF : 1997896.9/16

All: 607.253+/-0.129 χ^2/NDF : 3839216.4/31

- 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_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: -77.849 ± 31.332 χ^2/NDF : 16.1/16

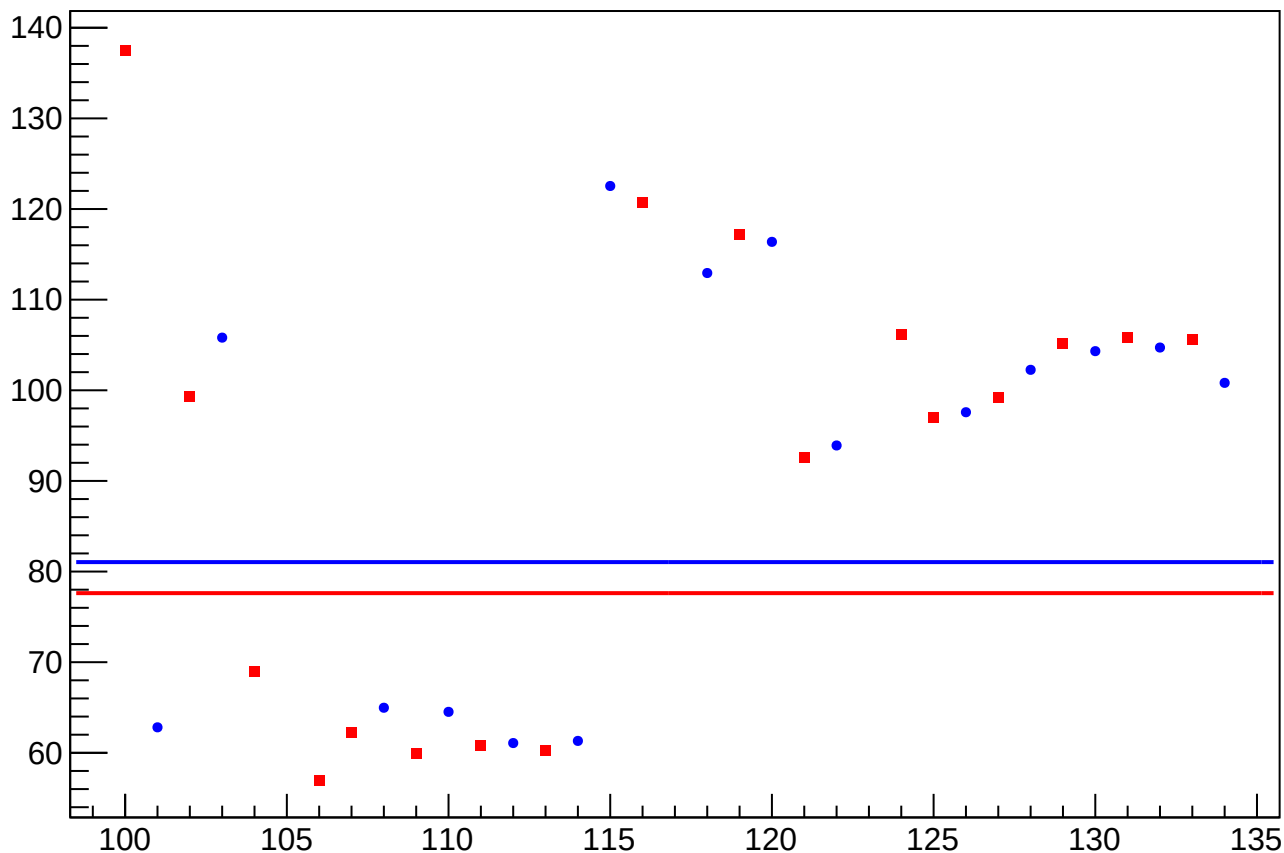
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -50.869 ± 22.858 χ^2/NDF : 33.7/31

- 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: 77.619+/-0.022 χ^2/NDF : 925143.2/16

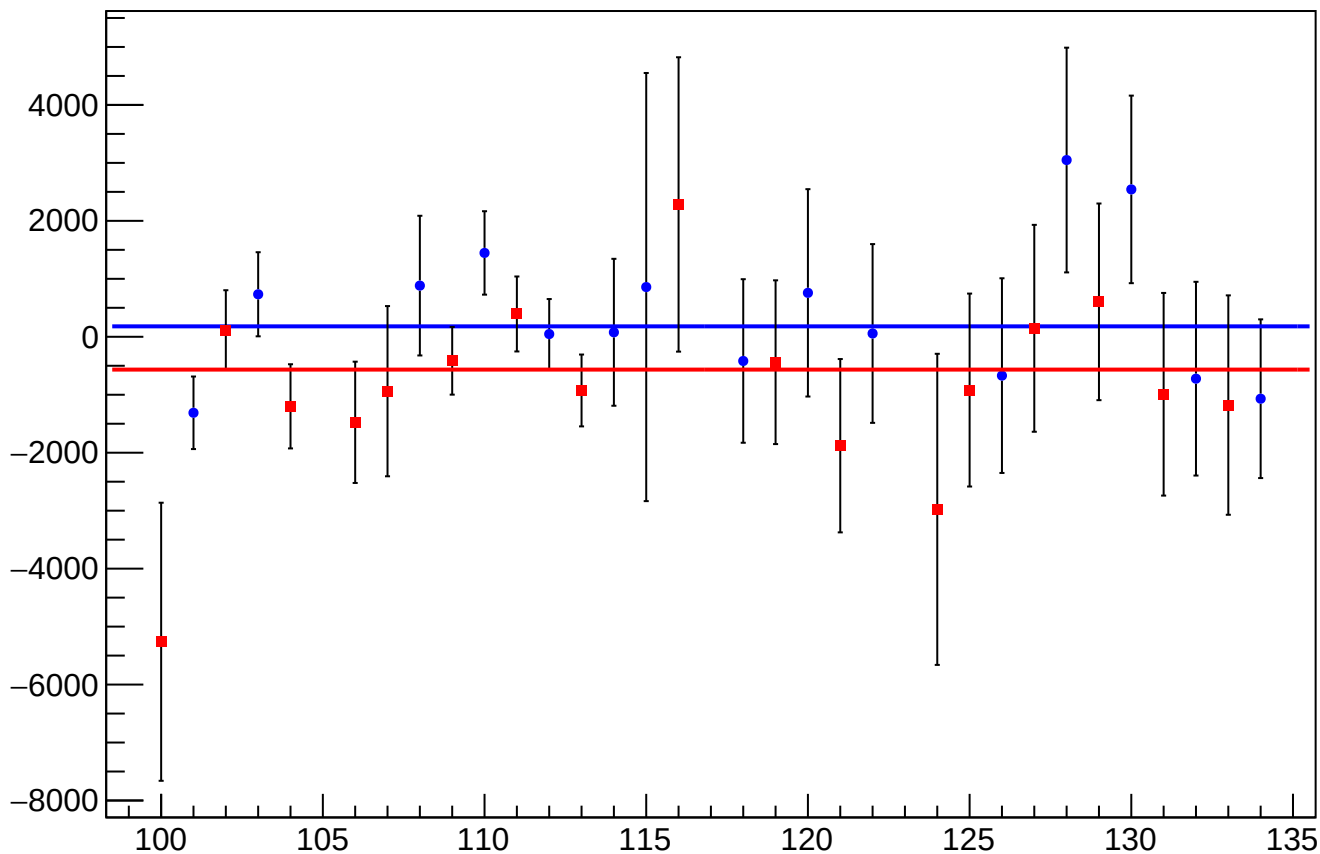
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.221+/-0.016 χ^2/NDF : 1723606.8/31

- 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: -566.119 $\pm$ 247.220 χ^2 /NDF: 12.7/16

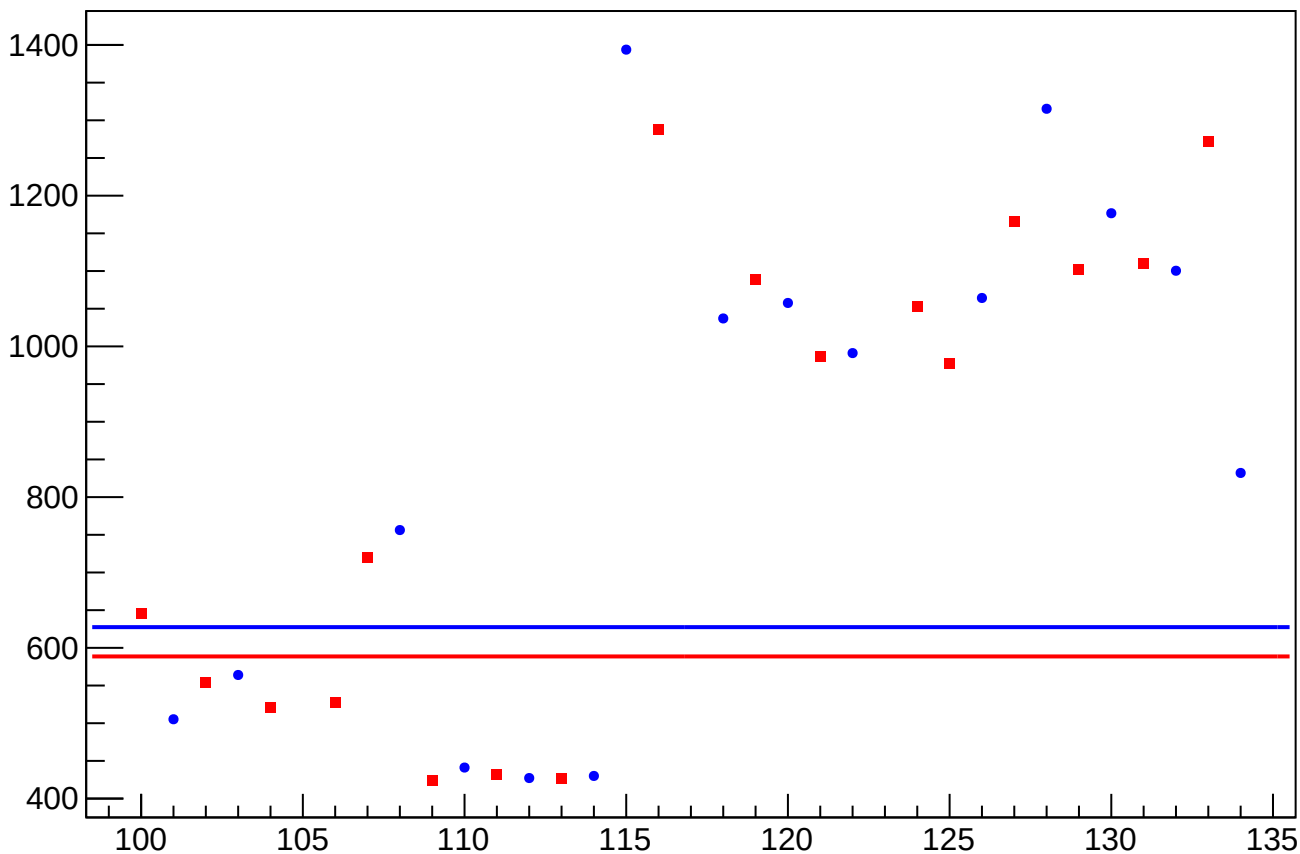
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -226.920 $\pm$ 182.569 χ^2 /NDF: 32.6/31

- 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

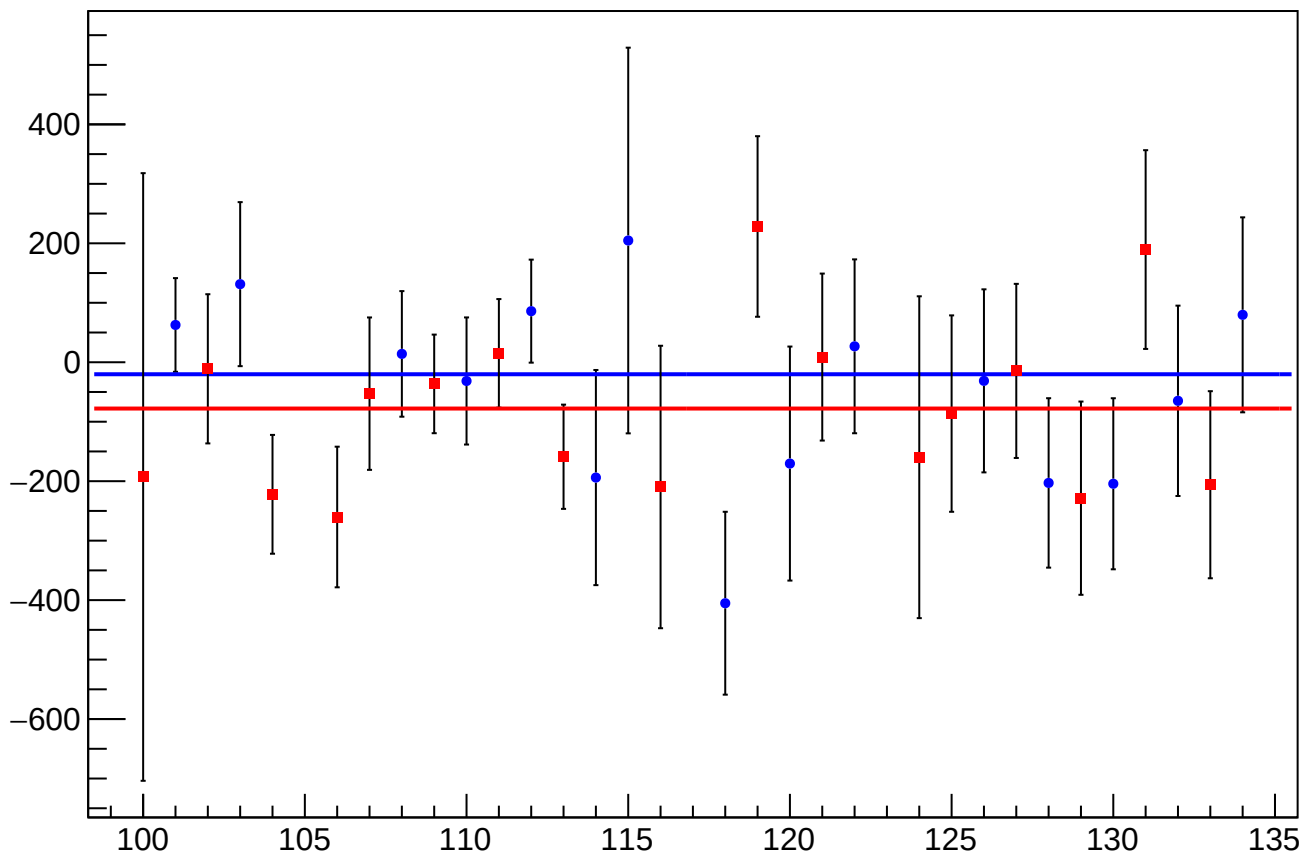
Right Out: 588.596+/-0.175 χ^2/NDF : 2003362.3/16

All: 606.278+/-0.129 χ^2/NDF : 3846701.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_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: -77.849 ± 31.332 χ^2/NDF : 16.1/16

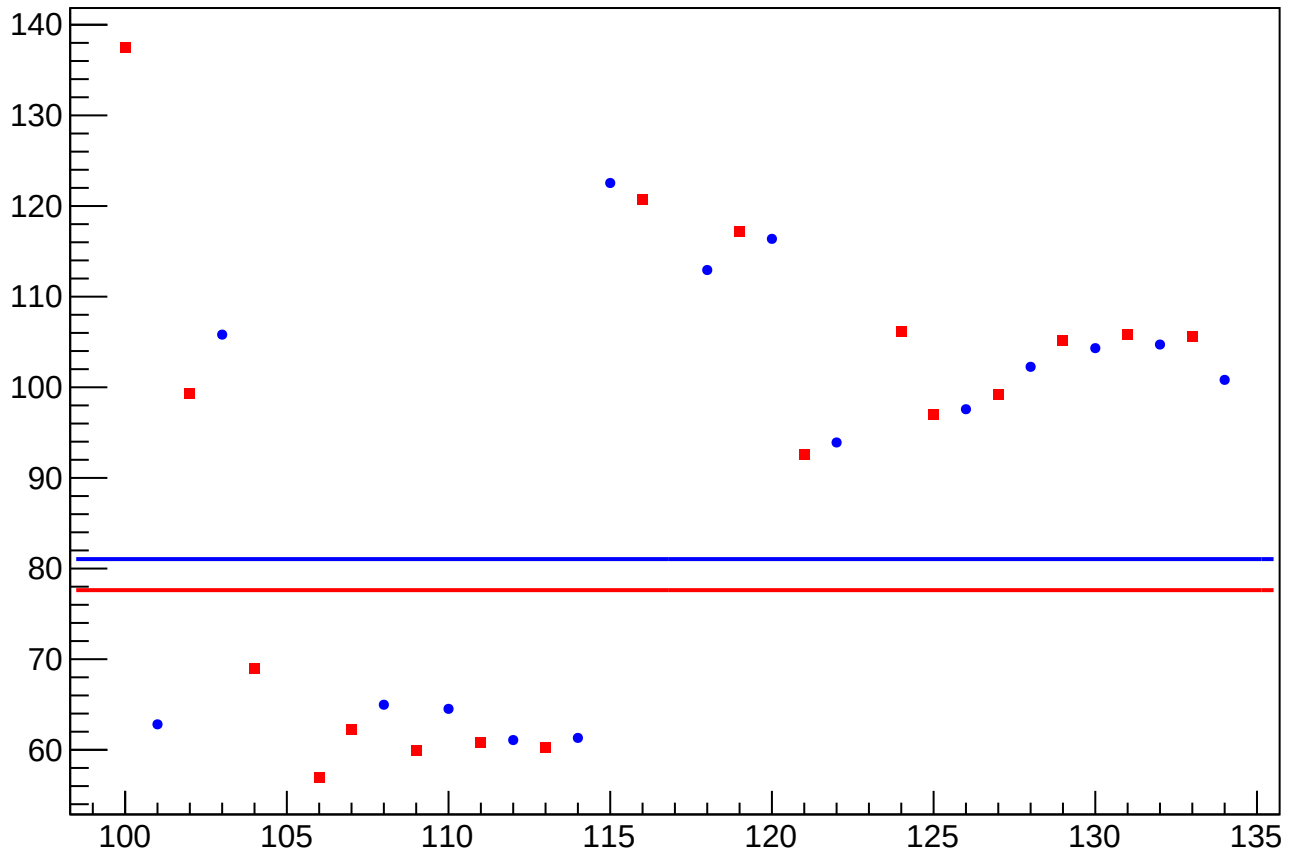
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -50.869 ± 22.858 χ^2/NDF : 33.7/31

- 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: 77.619+/-0.022 χ^2/NDF : 925143.2/16

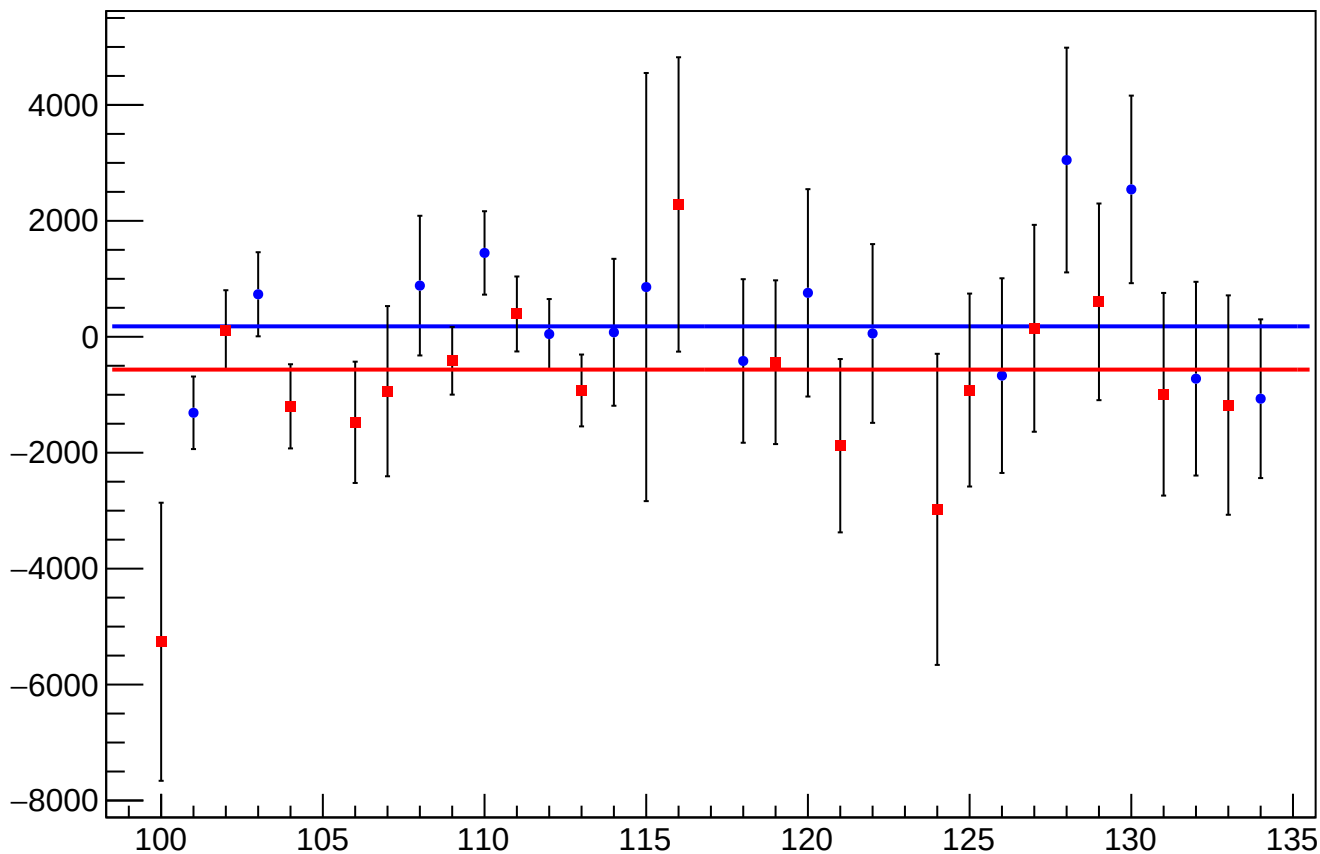
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.221+/-0.016 χ^2/NDF : 1723606.8/31

- 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: -566.119 $\pm$ 247.220 χ^2 /NDF: 12.7/16

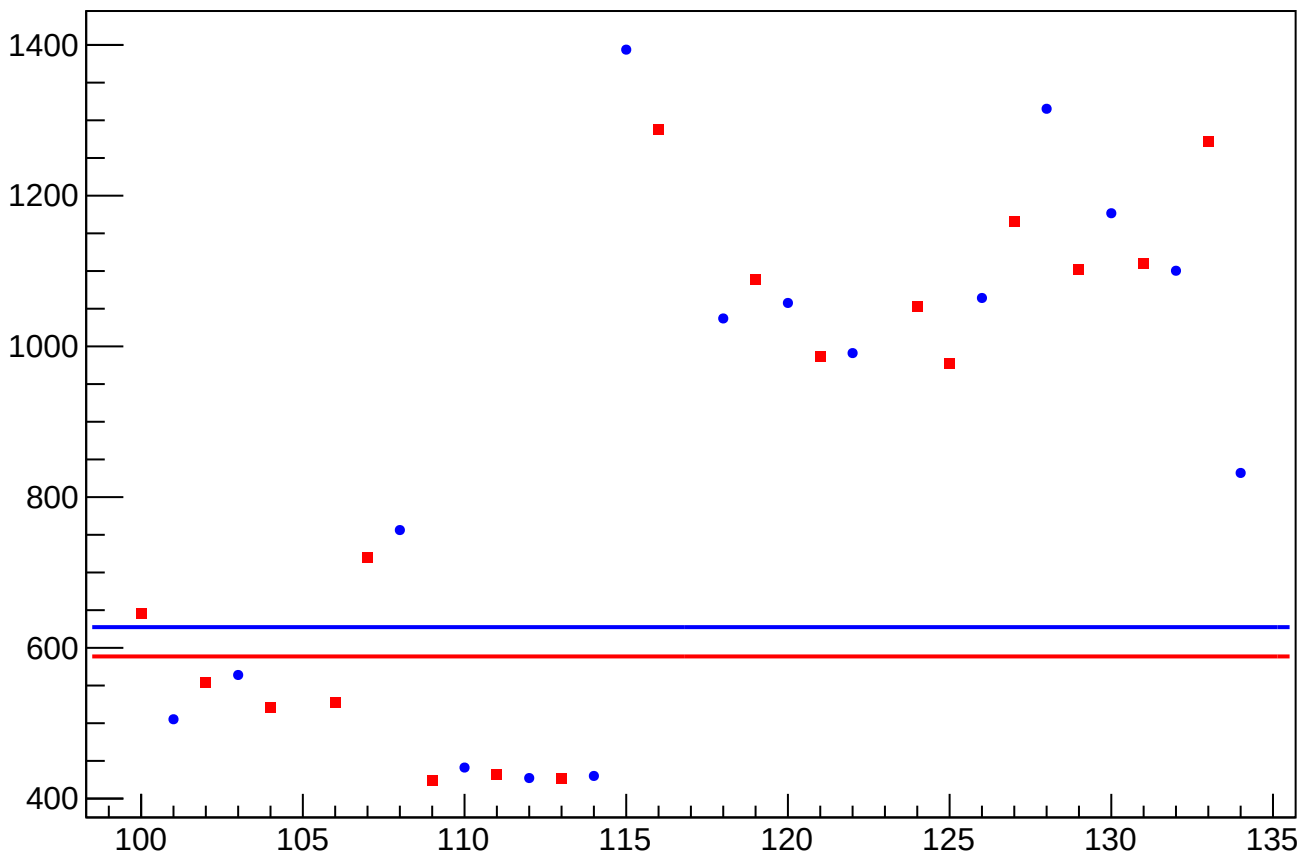
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -226.920 $\pm$ 182.569 χ^2 /NDF: 32.6/31

- 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

Right Out: 588.596+/-0.175 χ^2/NDF : 2003362.3/16

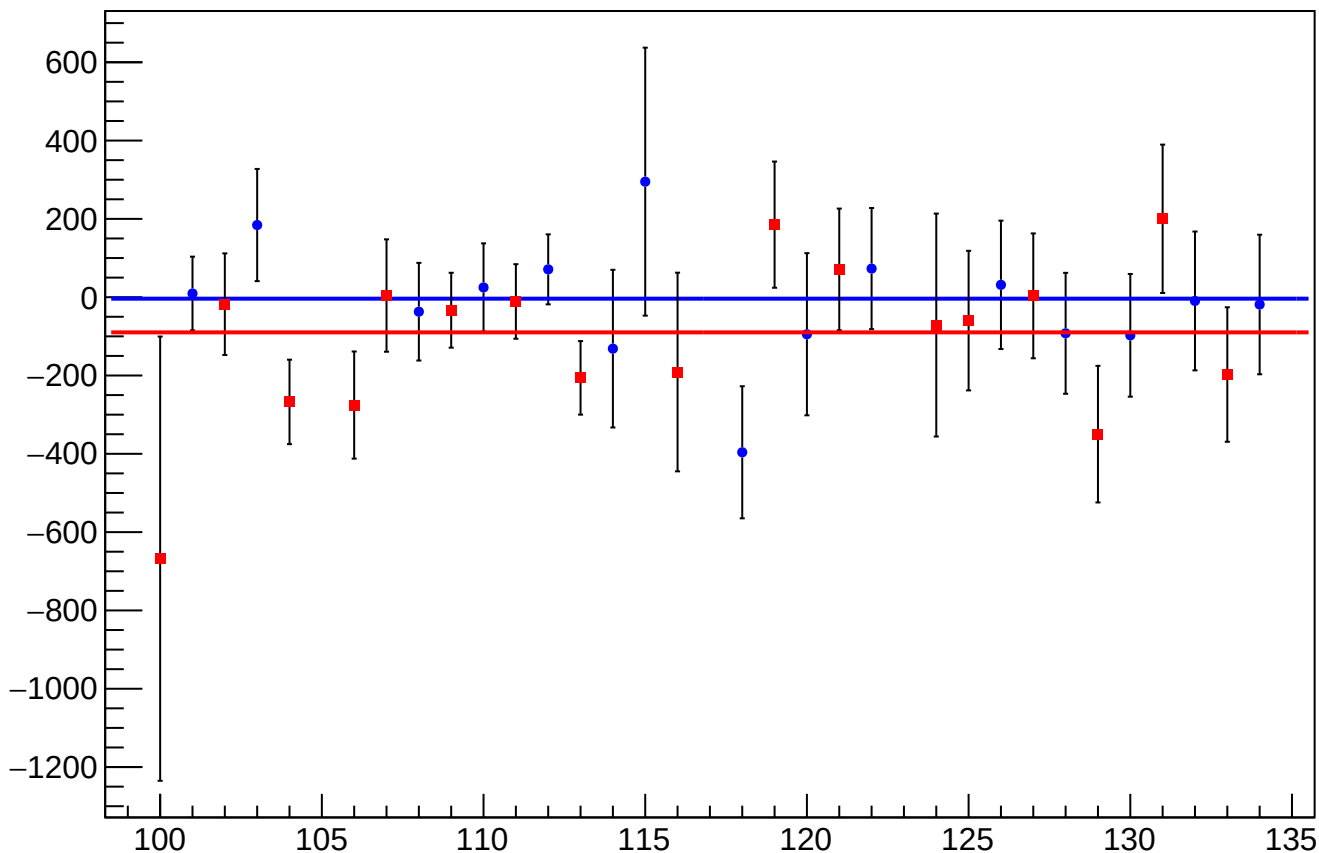
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 606.278+/-0.129 χ^2/NDF : 3846701.0/31

- sign 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: -89.836 ± 34.165 χ^2/NDF : 18.4/16

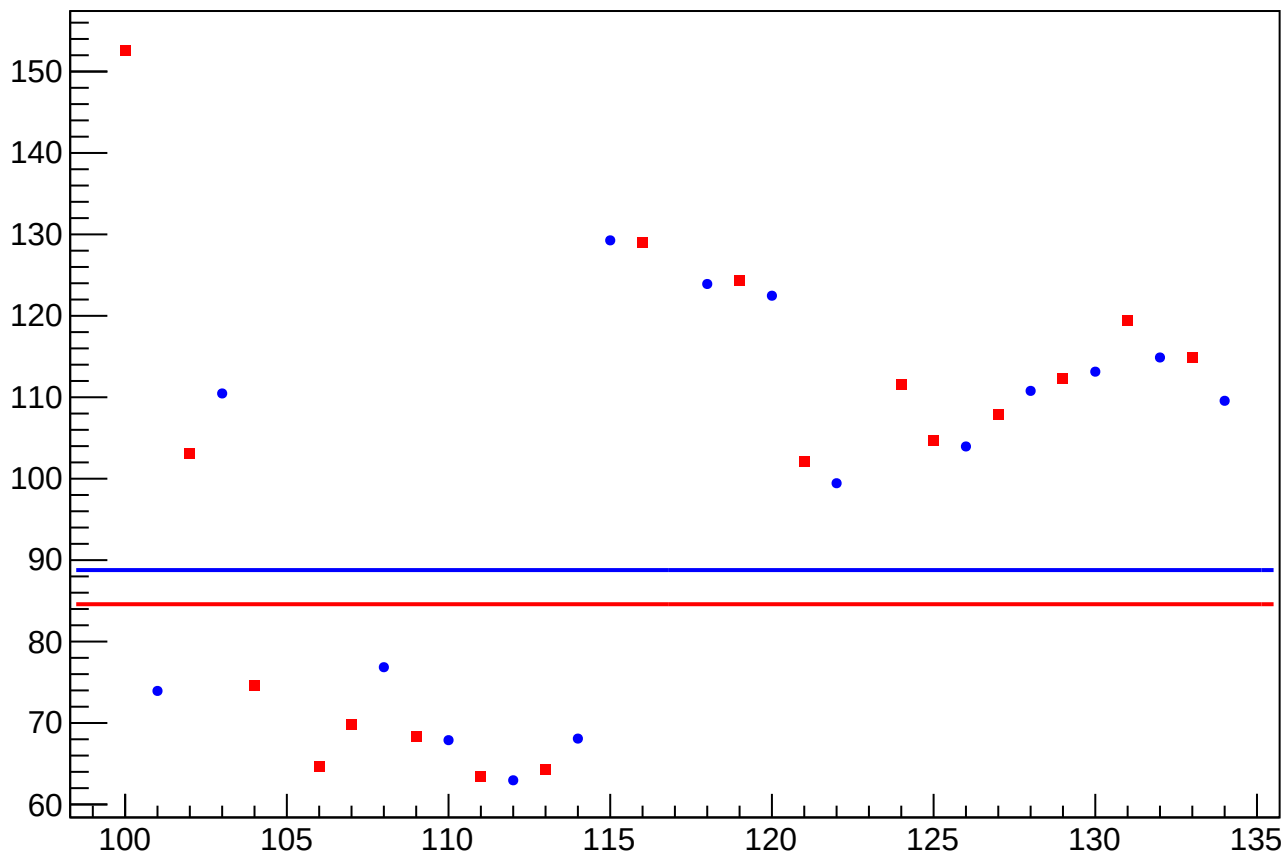
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -49.761 ± 24.974 χ^2/NDF : 31.7/31

- 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: 84.586+/-0.024 χ^2/NDF : 874778.4/16

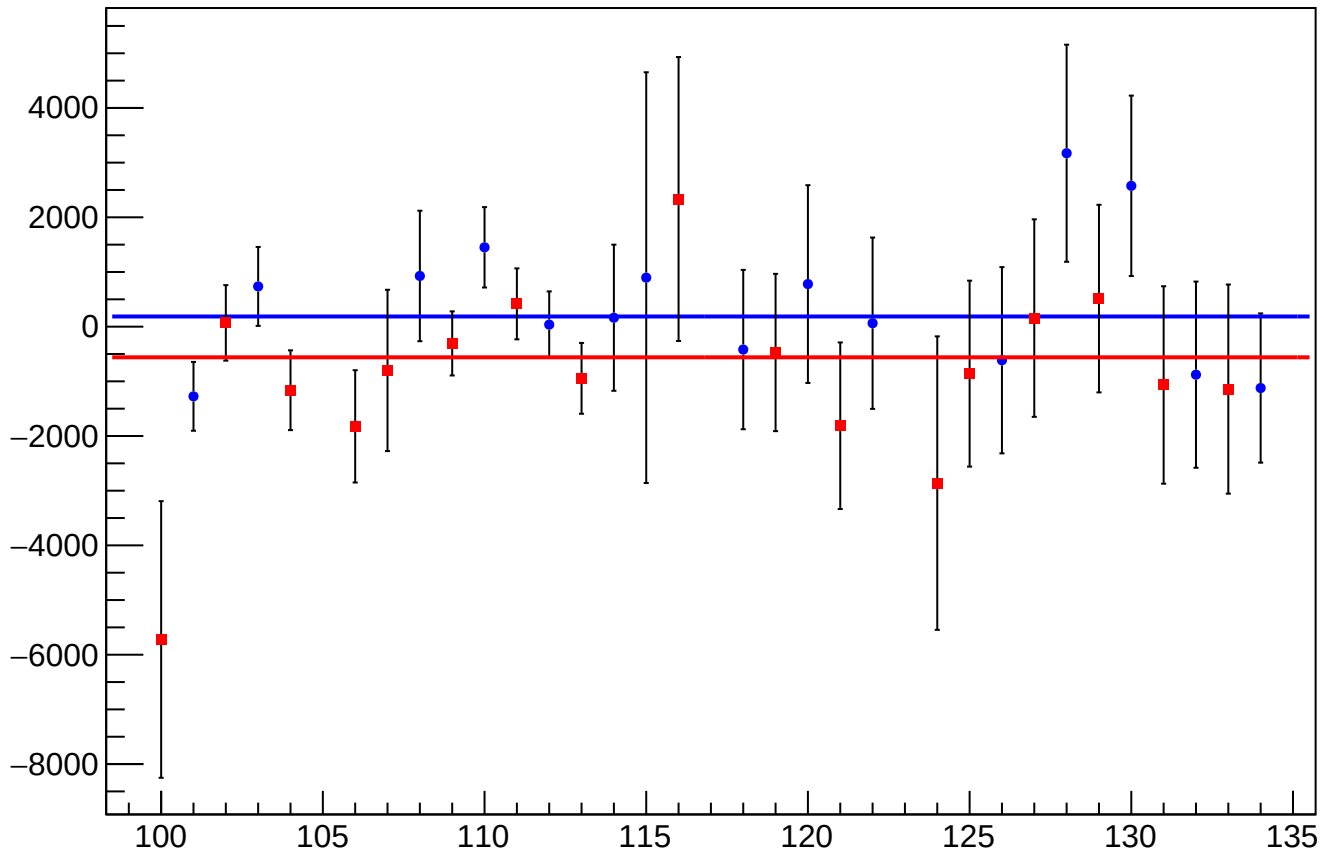
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.538+/-0.018 χ^2/NDF : 1613393.4/31

- 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 χ^2/NDF : 15.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -560.509 ± 250.128 χ^2/NDF : 13.4/16

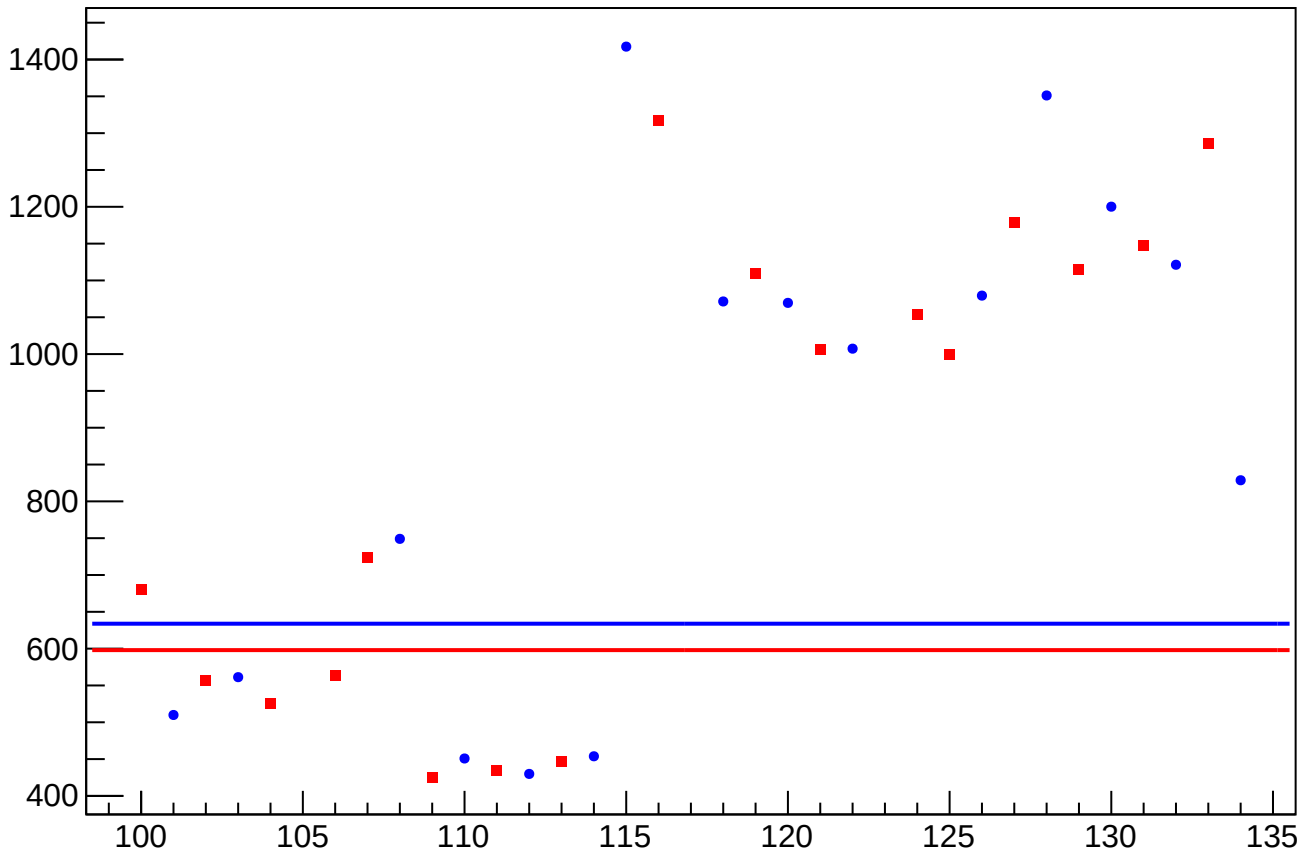
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -220.489 ± 184.582 χ^2/NDF : 33.1/31

- sign 0.000 ± 0.000 χ^2/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

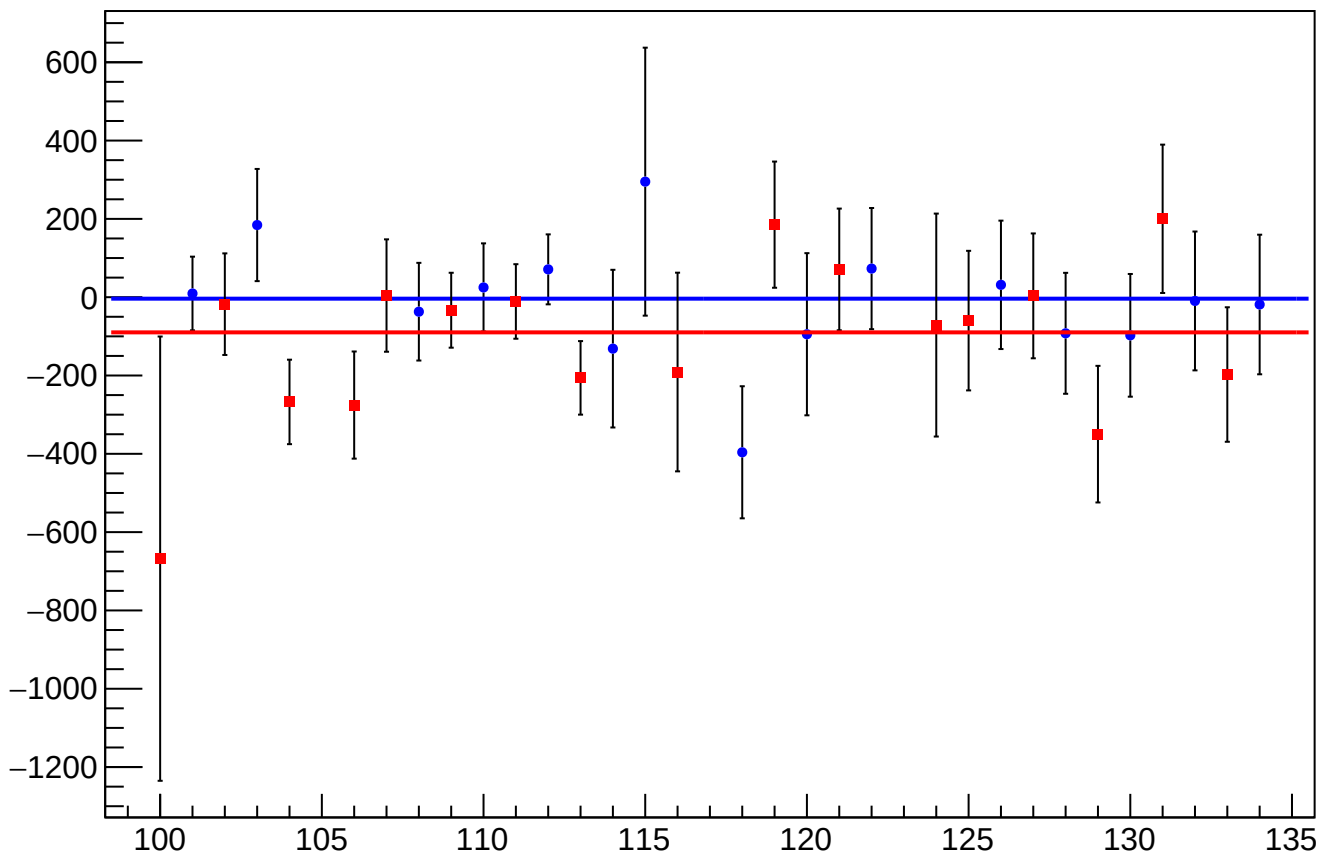
Right Out: 597.996+/-0.177 χ^2/NDF : 2007301.7/16

All: 614.329+/-0.131 χ^2/NDF : 3863326.0/31

- 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_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: -89.835 ± 34.165 χ^2/NDF : 18.4/16

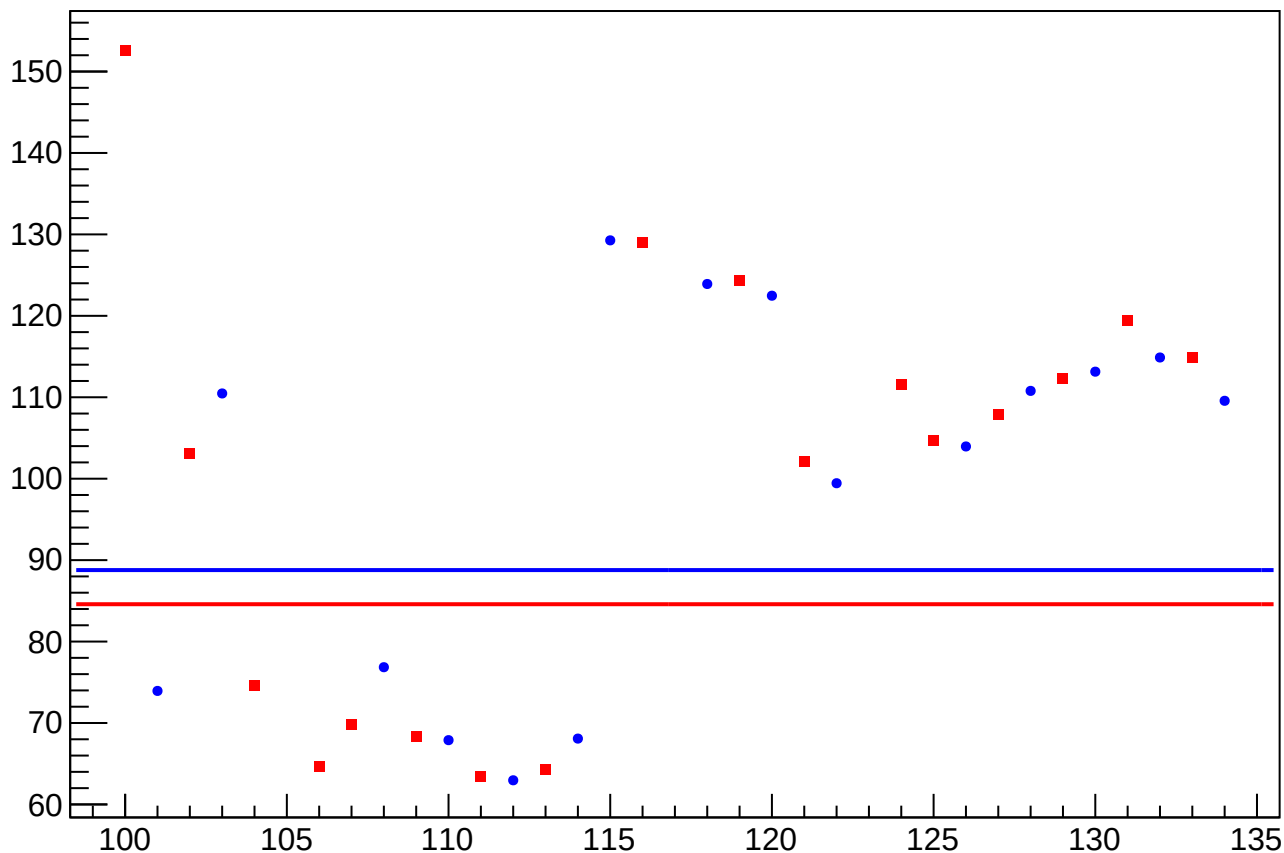
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -49.760 ± 24.974 χ^2/NDF : 31.7/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1548_avg_rms vs Slug



Right In: 88.778+/-0.026 χ^2/NDF : 724595.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.586+/-0.024 χ^2/NDF : 874780.2/16

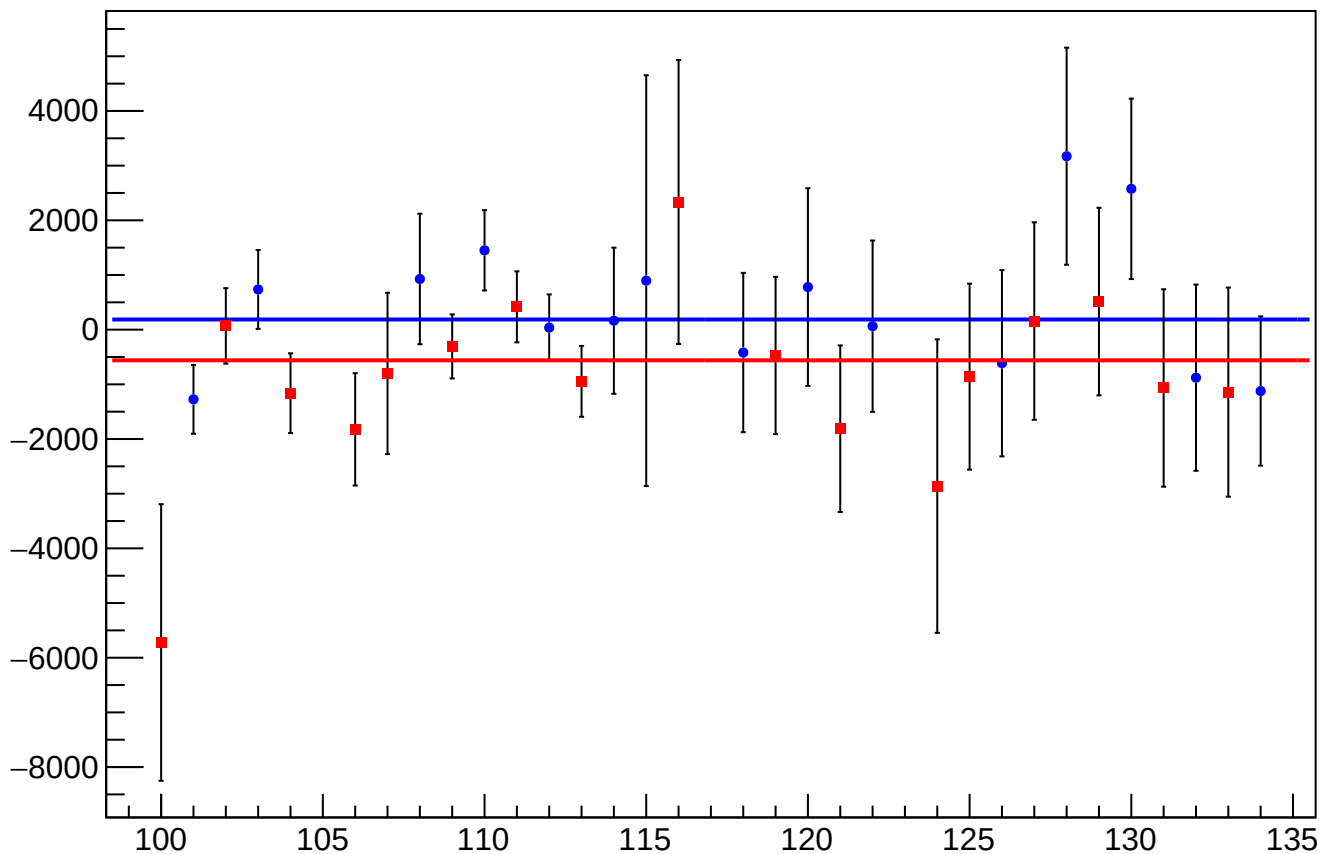
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.538+/-0.018 χ^2/NDF : 1613395.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_dit_correction_mean vs Slug



Right In: 186.081 $\pm$ 273.513 χ^2 /NDF: 15.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -560.508 $\pm$ 250.128 χ^2 /NDF: 13.4/16

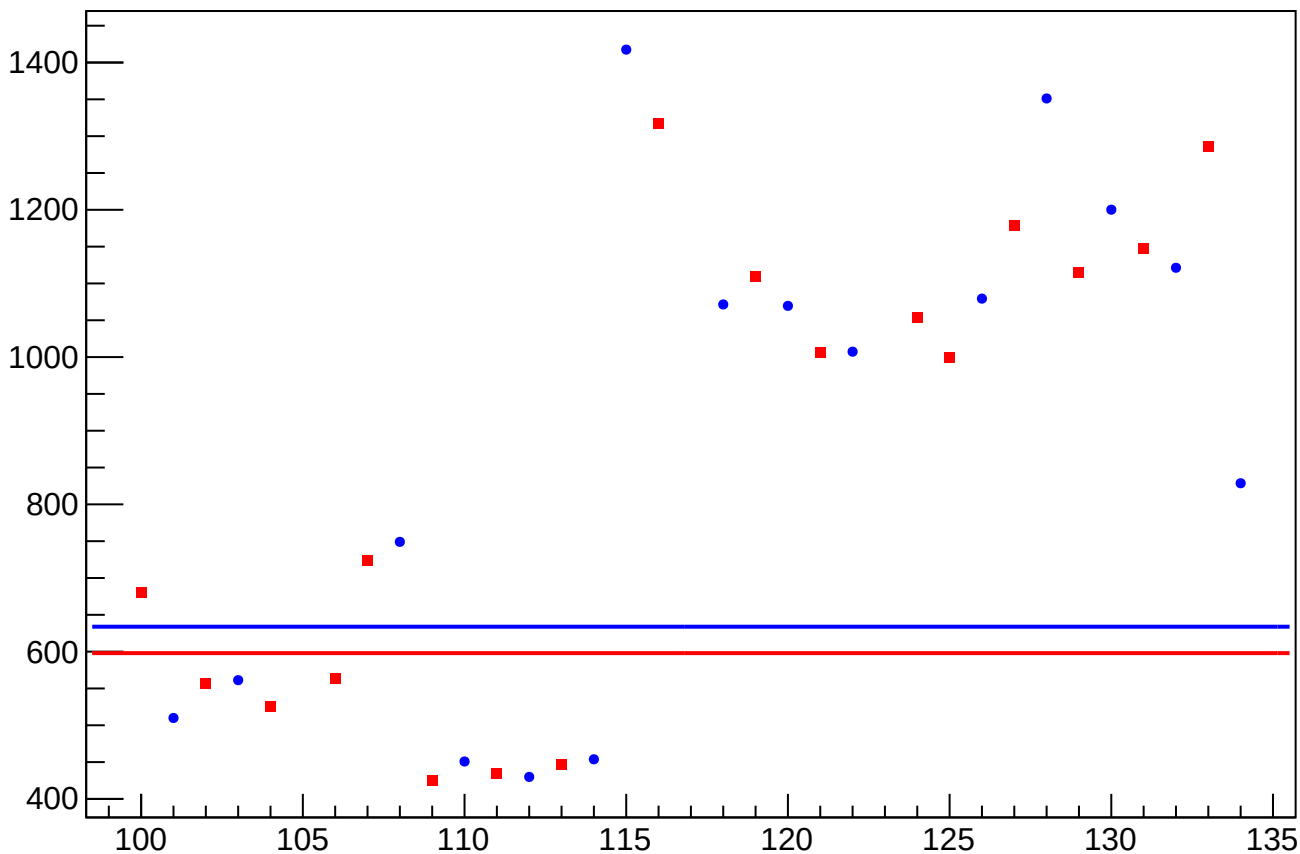
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -220.488 $\pm$ 184.582 χ^2 /NDF: 33.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /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

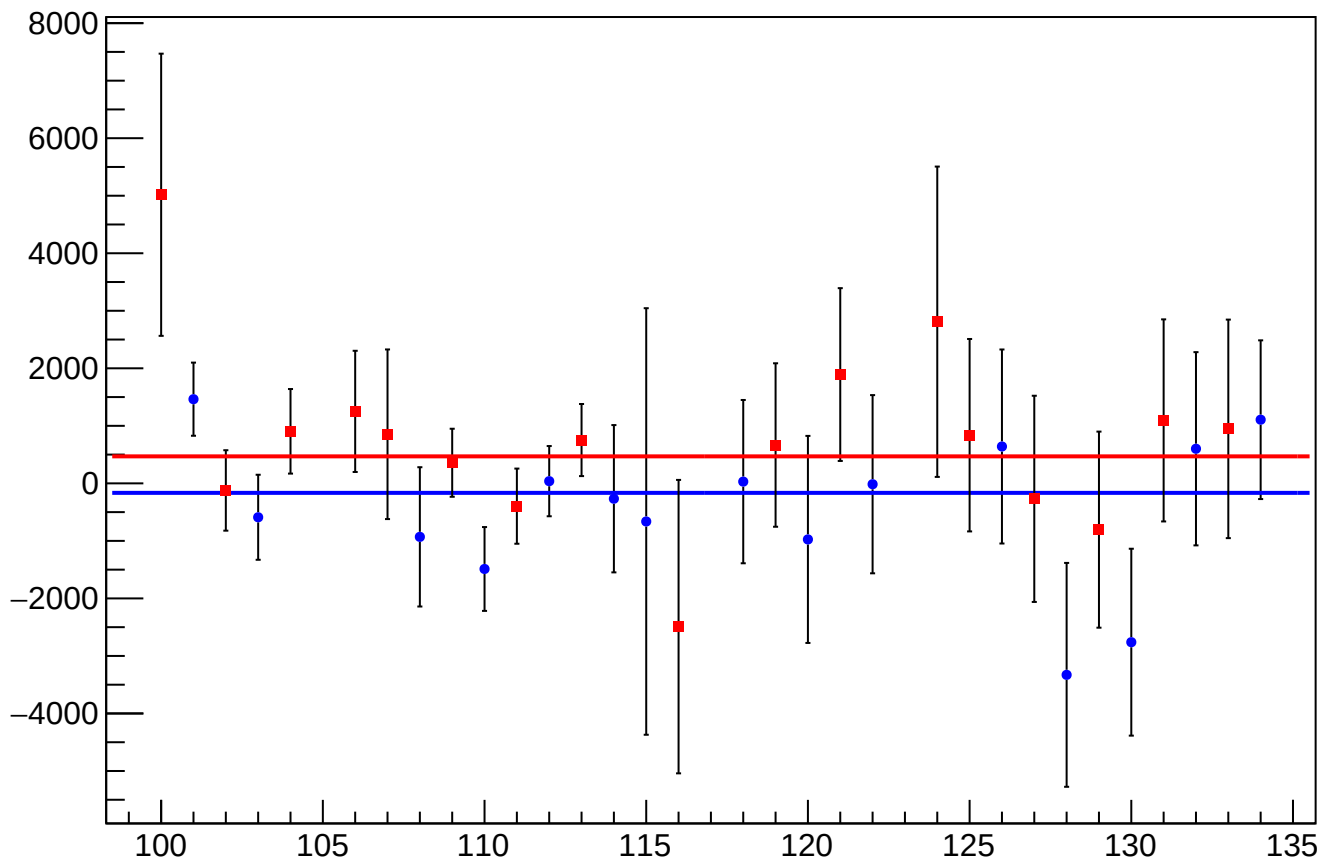
Right Out: 597.995+/-0.177 χ^2/NDF : 2007305.3/16

All: 614.328+/-0.131 χ^2/NDF : 3863335.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_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: 469.296+/-249.859 χ^2/NDF : 11.1/16

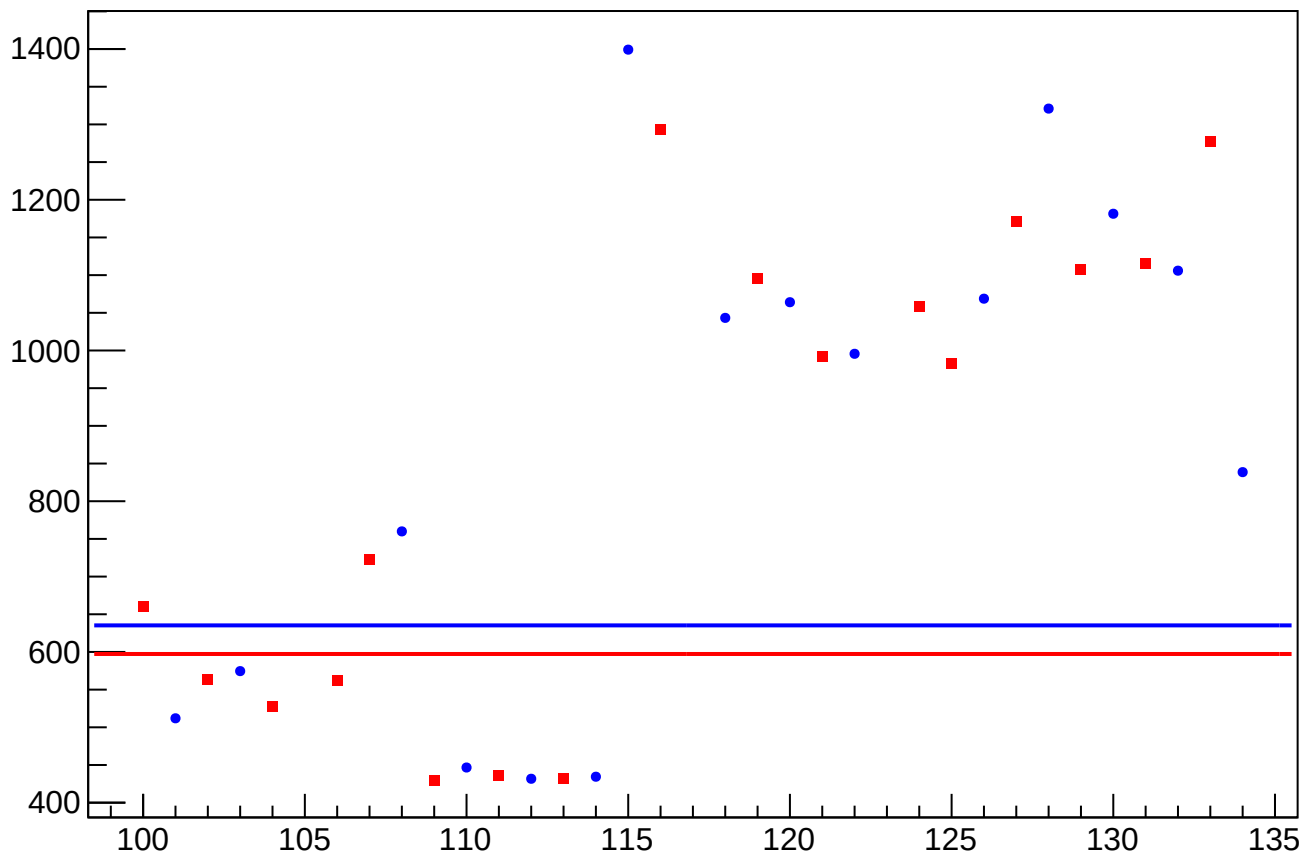
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.088+/-184.577 χ^2/NDF : 31.5/31

- 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

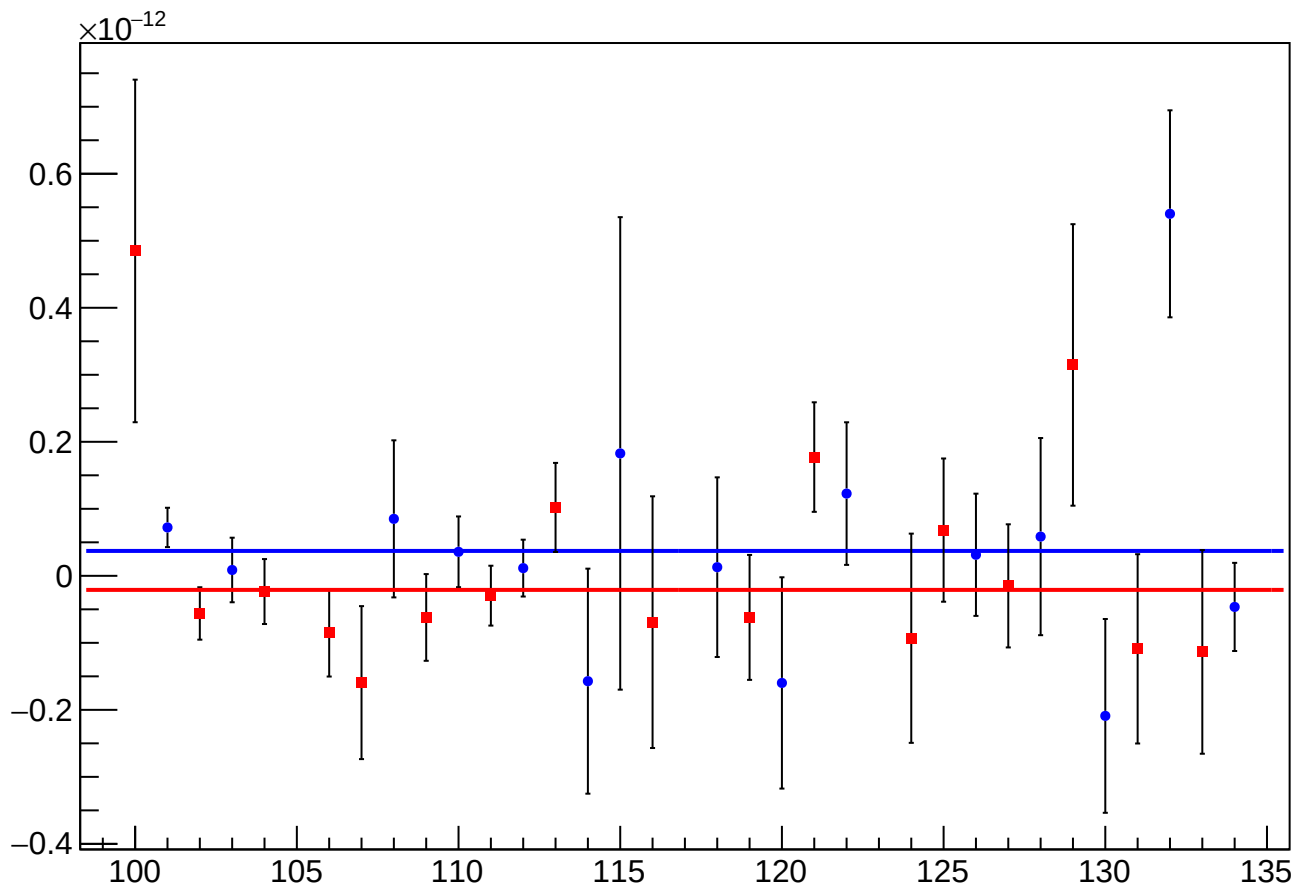
Right Out: 597.299+/-0.177 χ^2/NDF : 1973714.1/16

All: 614.538+/-0.131 χ^2/NDF : 3789375.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 21.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.4/16

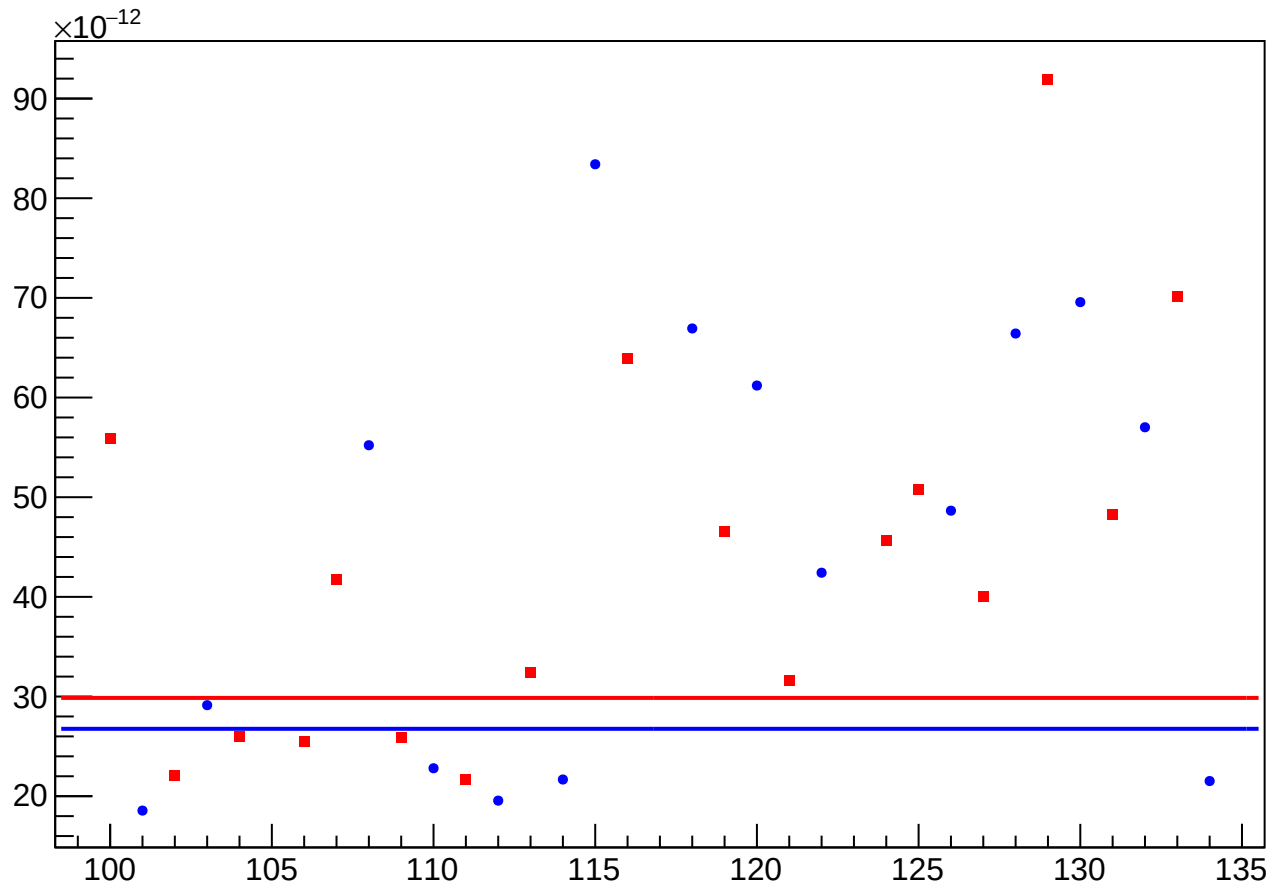
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 47.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1245019.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 822961.2/16

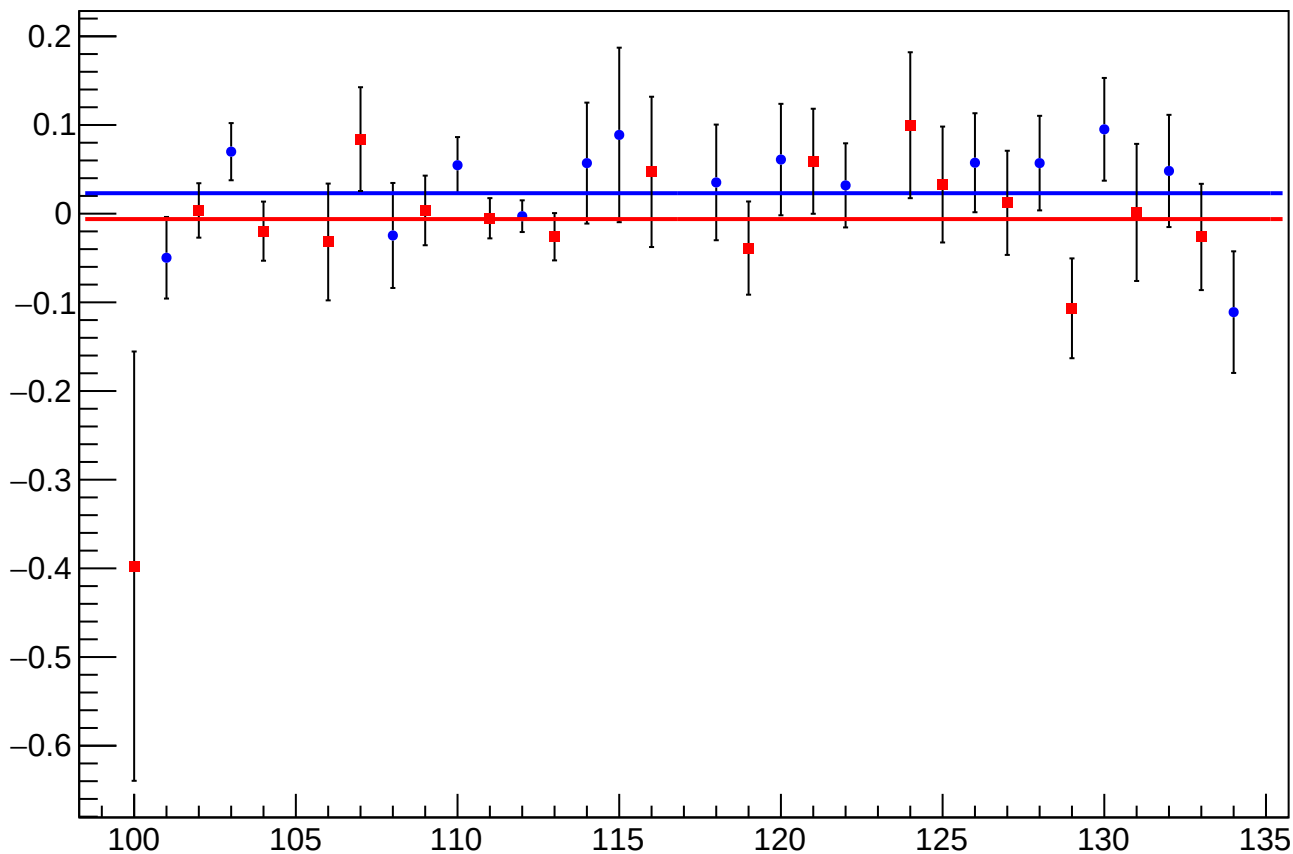
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2098314.3/31

- sign 0.000+/-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: -0.006 $\pm$ 0.011 χ^2/NDF : 13.5/16

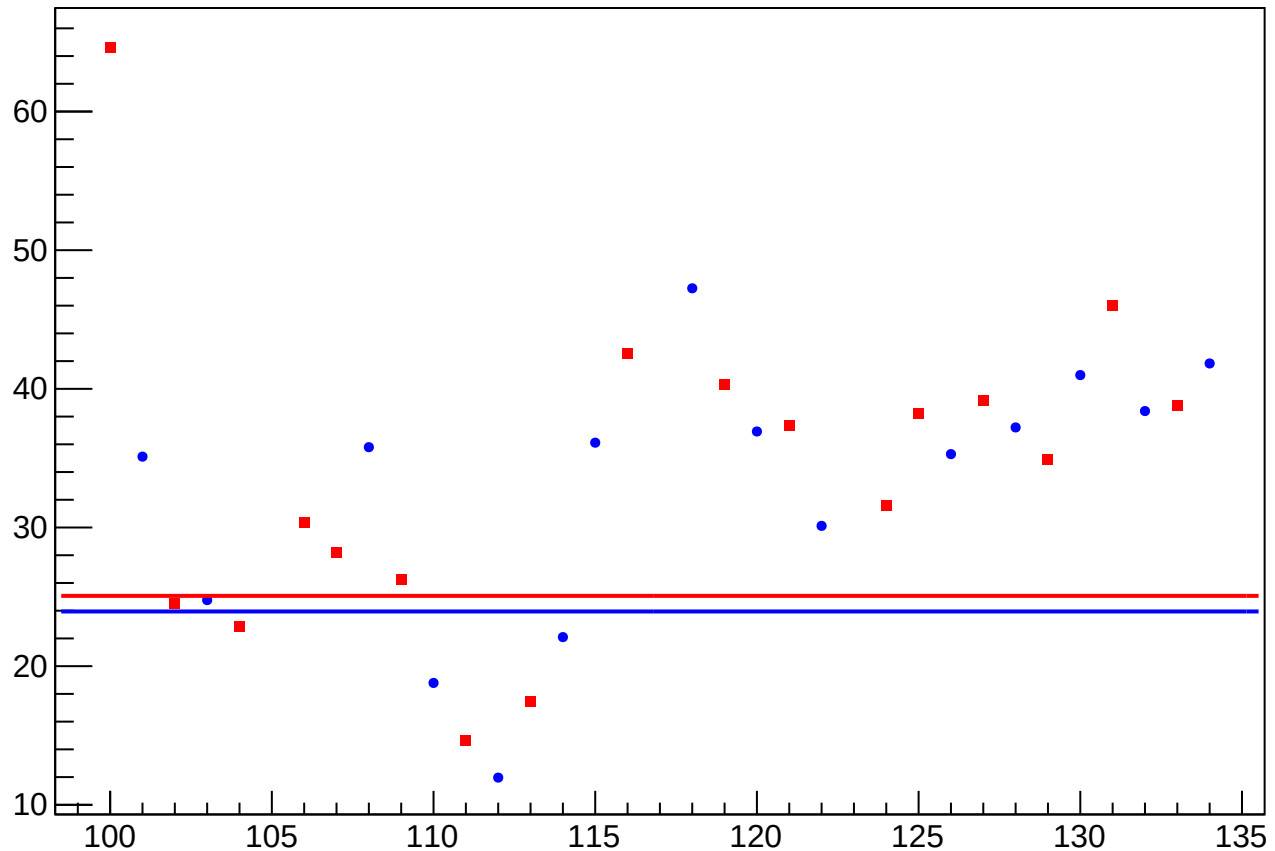
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.008 $\pm$ 0.008 χ^2/NDF : 32.9/31

- 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: 25.070+/-0.008 χ^2/NDF : 1532300.3/16

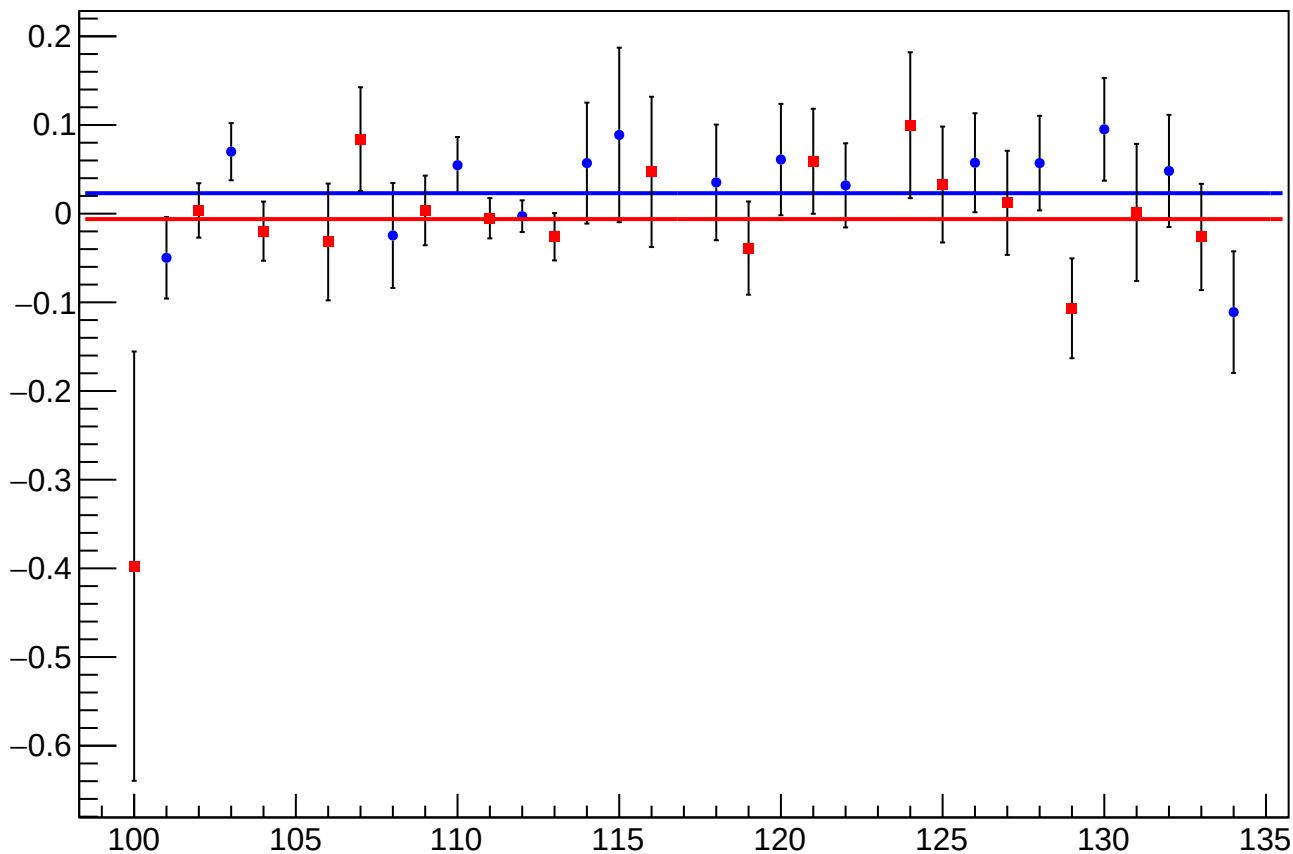
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.514+/-0.005 χ^2/NDF : 3720701.8/31

- 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+/-0.011 χ^2/NDF : 15.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.006+/-0.011 χ^2/NDF : 13.5/16

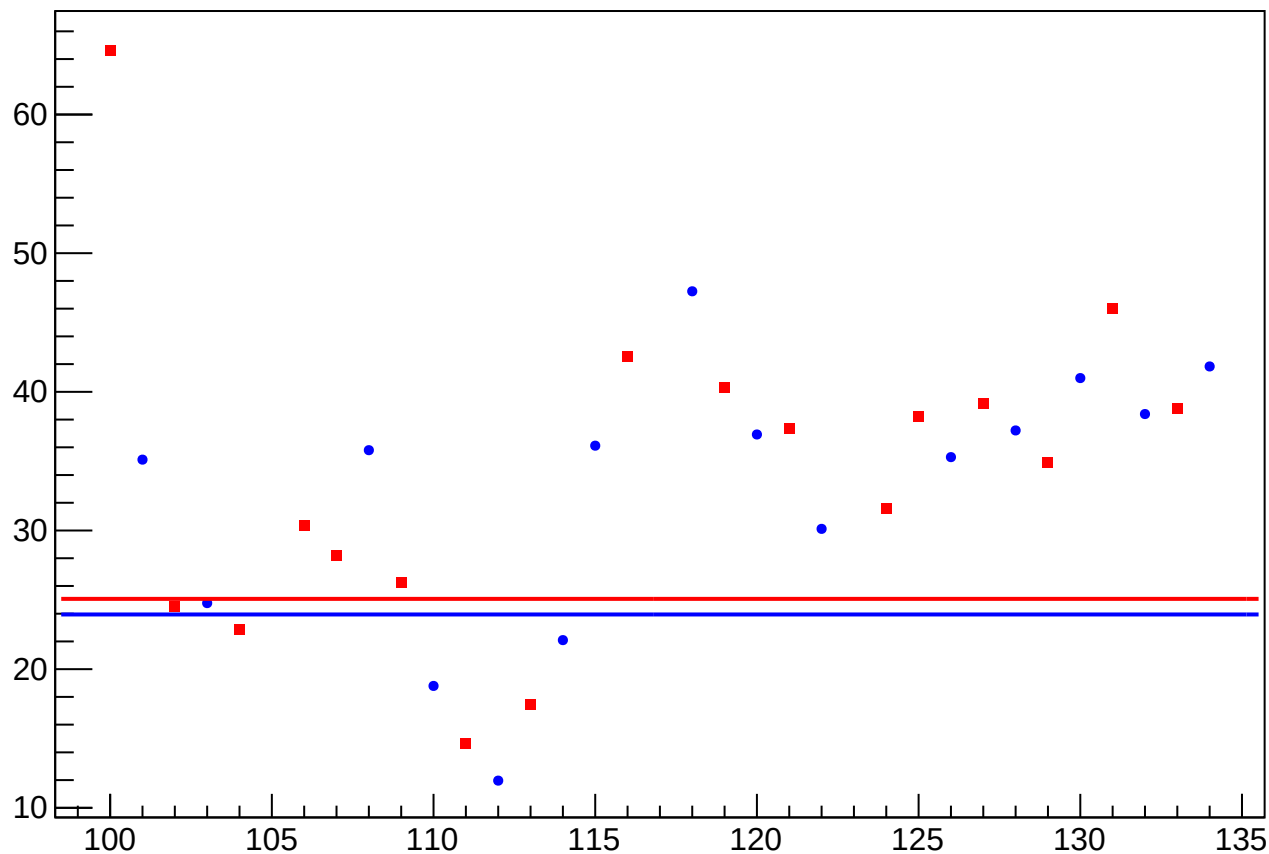
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.008 χ^2/NDF : 32.9/31

- sign 0.000+/-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: 25.070+/-0.008 χ^2 /NDF: 1532300.3/16

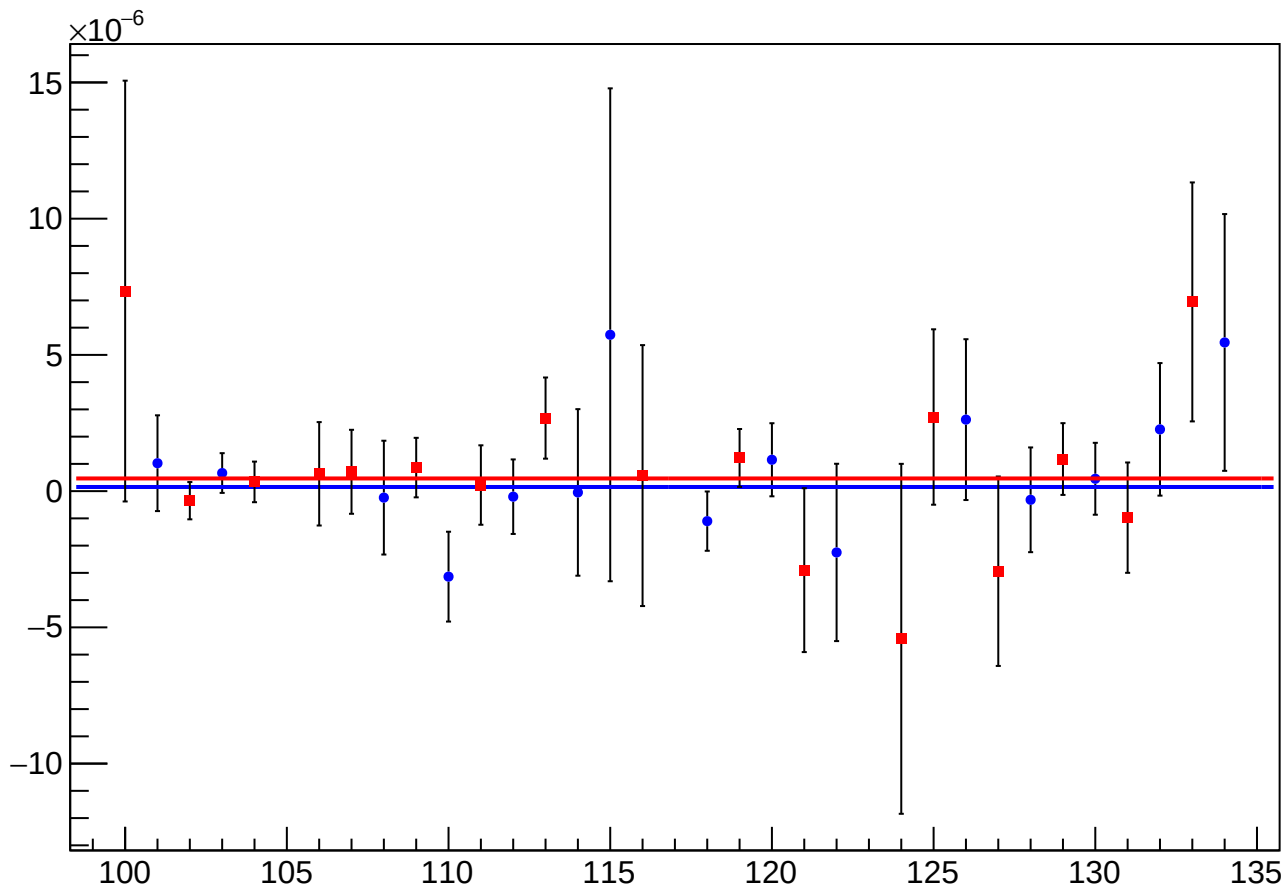
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 24.514+/-0.005 χ^2 /NDF: 3720701.8/31

- 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: 11.7/16

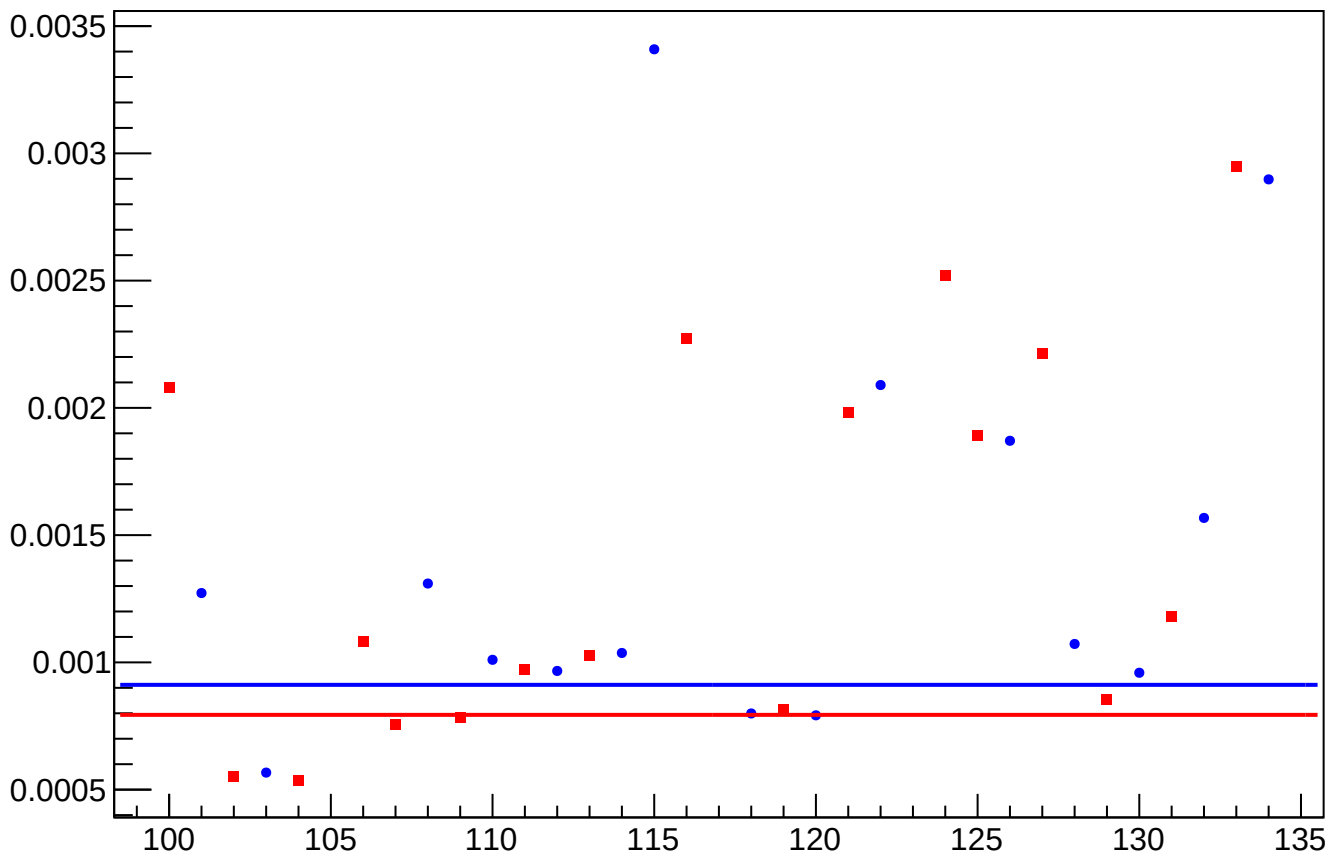
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.5/31

- 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 : 2450140.1/16

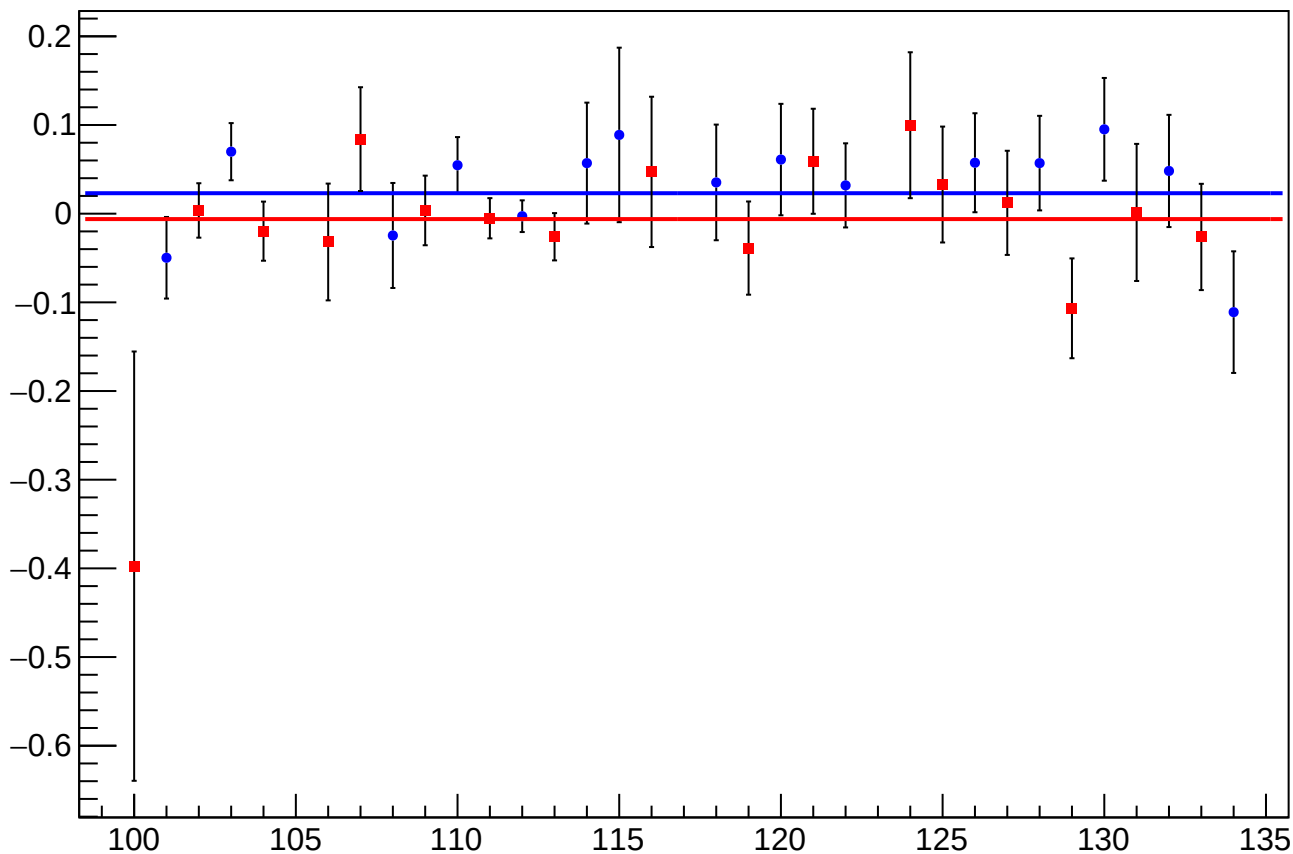
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4347090.0/31

- 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: -0.006 $\pm$ 0.011 χ^2 /NDF: 13.5/16

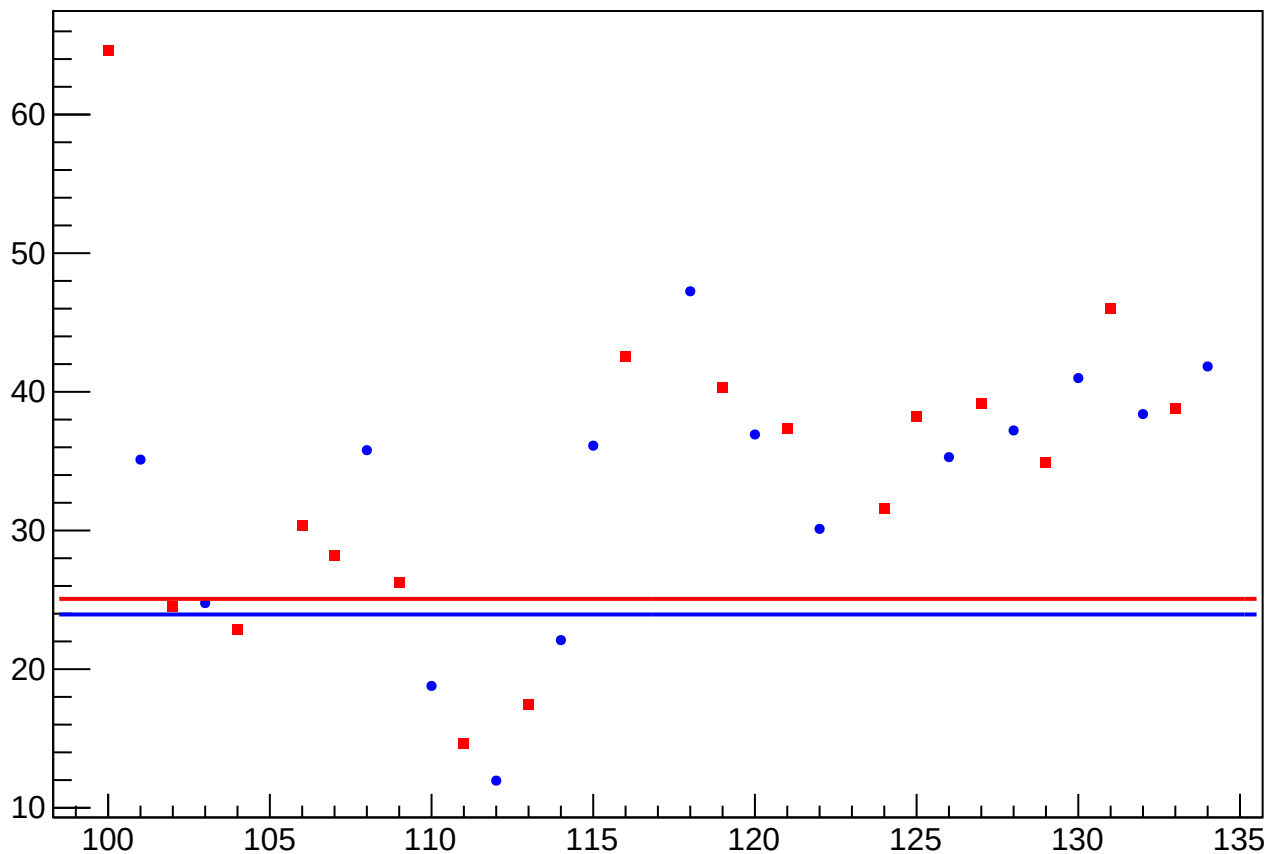
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.008 χ^2 /NDF: 32.9/31

- 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: 25.069+/-0.008 χ^2/NDF : 1532439.0/16

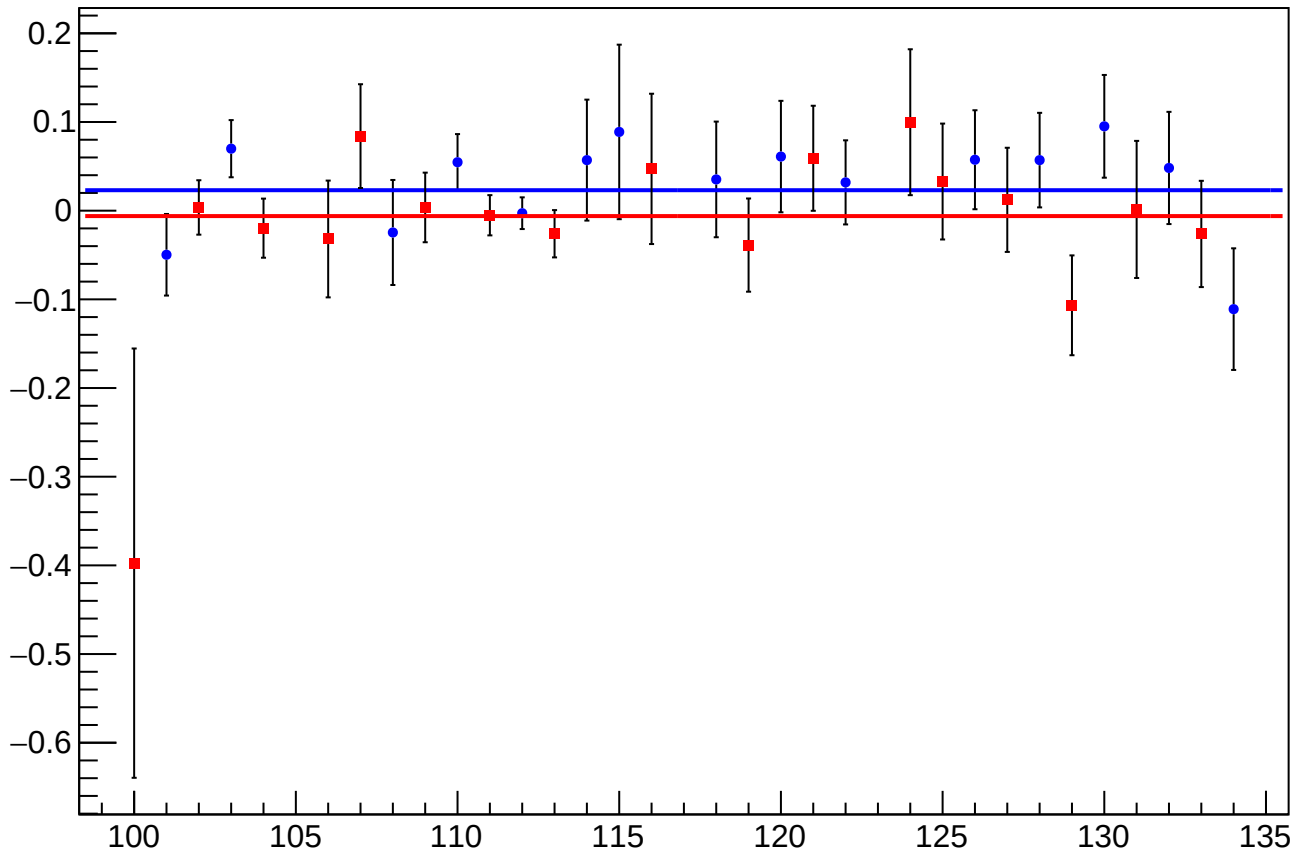
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.513+/-0.005 χ^2/NDF : 3720998.4/31

- 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: -0.006 $\pm$ 0.011 χ^2 /NDF: 13.5/16

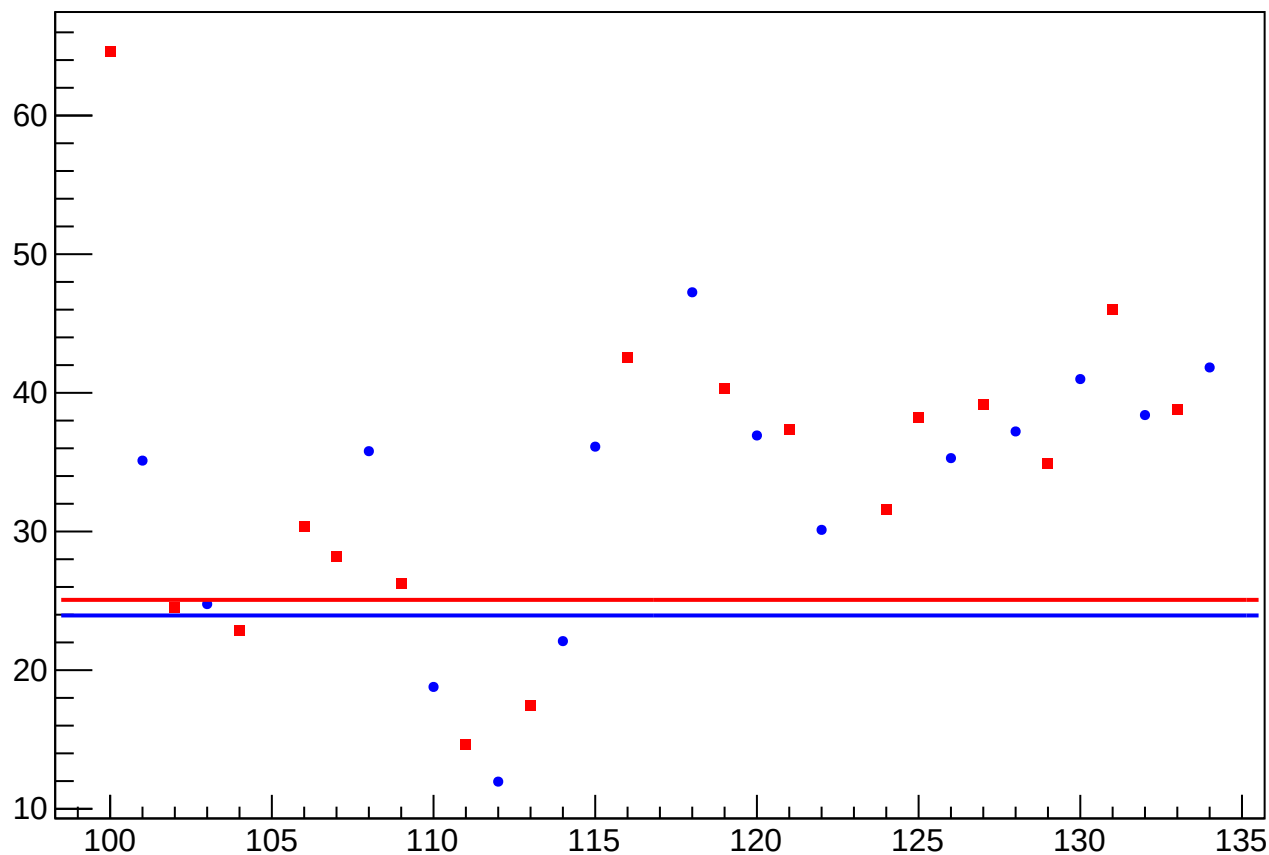
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.008 χ^2 /NDF: 32.9/31

- 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 $\pm$ 0.008 χ^2 /NDF: 2177644.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.069 $\pm$ 0.008 χ^2 /NDF: 1532439.0/16

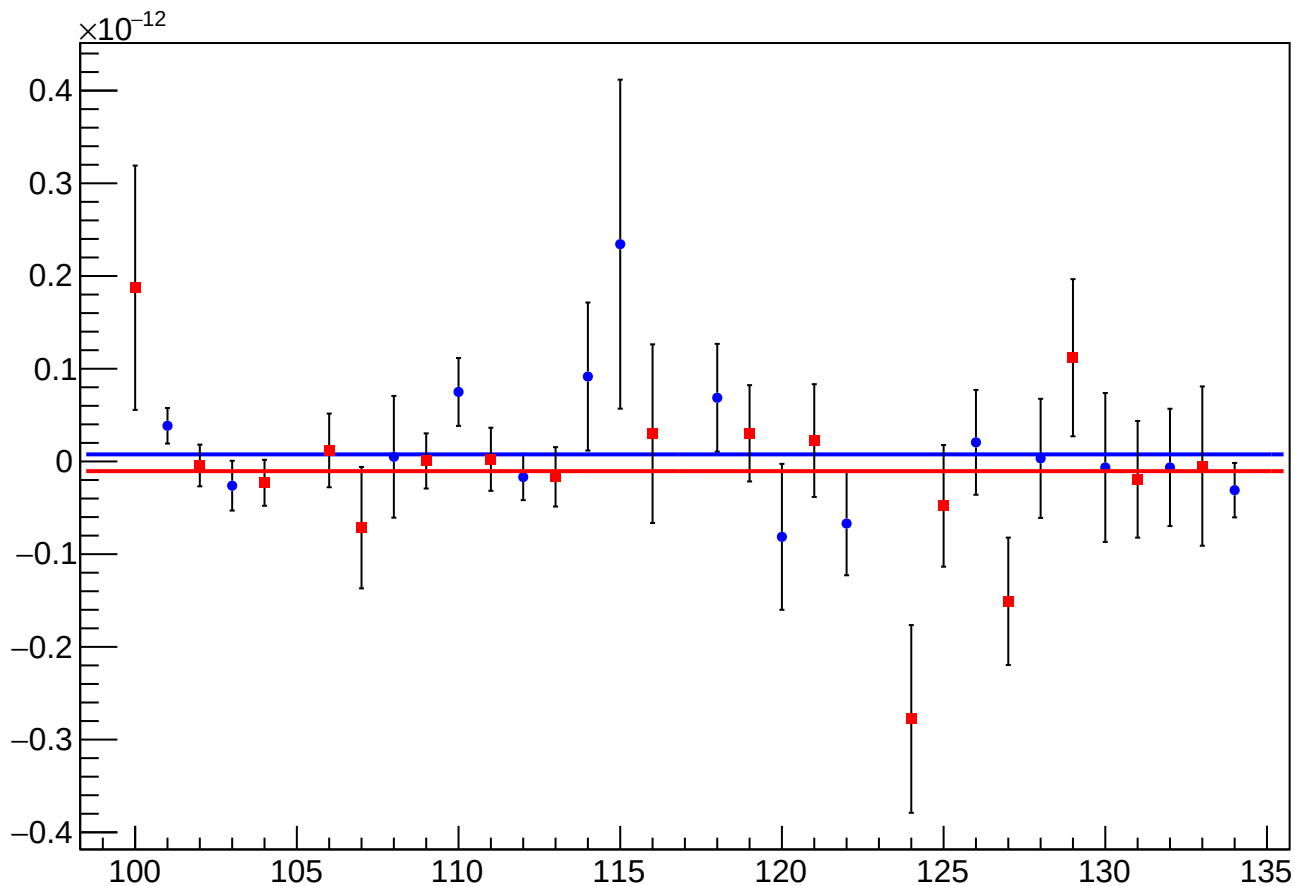
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.513 $\pm$ 0.005 χ^2 /NDF: 3720998.4/31

- sign 0.000 $\pm$ 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: 18.7/16

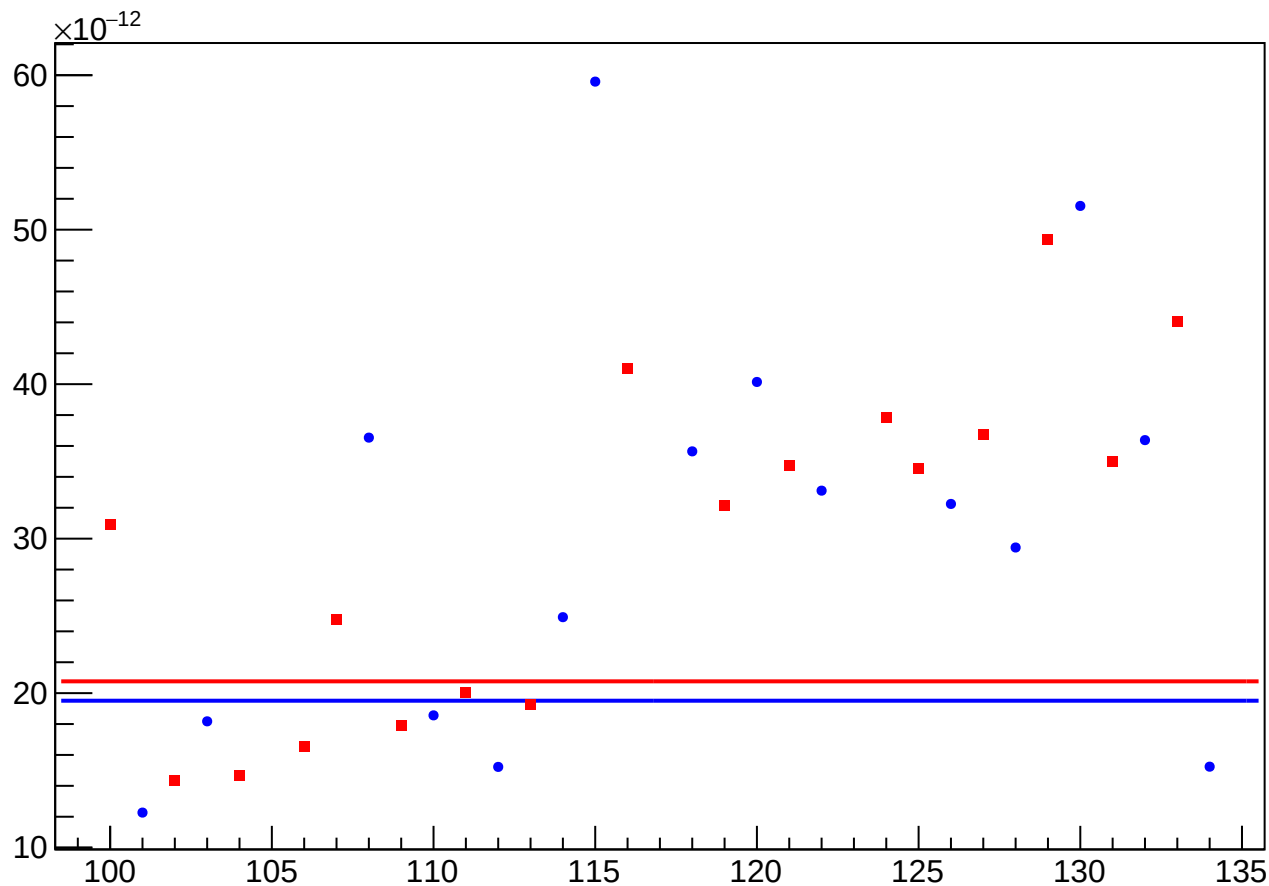
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 37.6/31

- 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 : 1372706.7/16

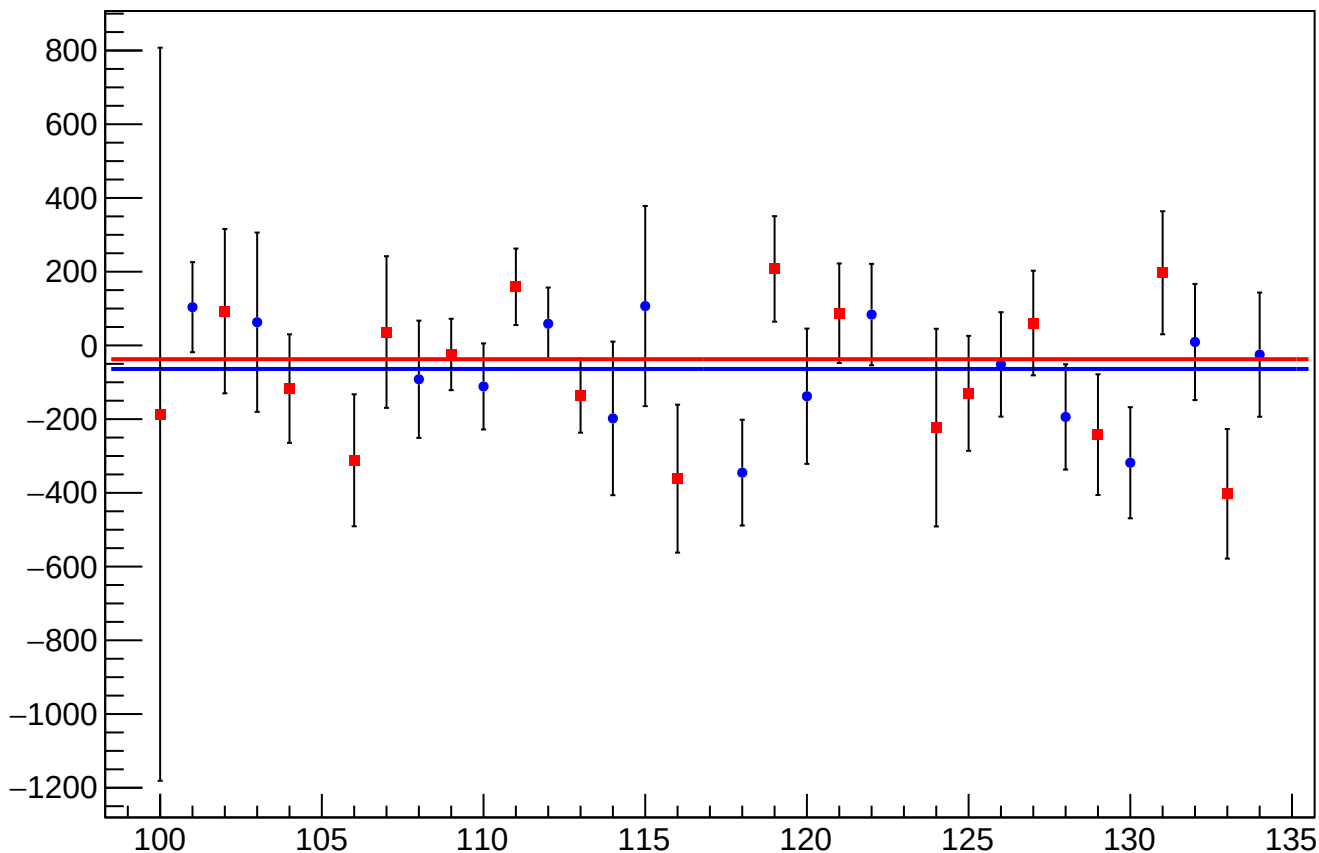
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3046074.8/31

- 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: -37.380+/-36.294 χ^2 /NDF: 23.2/16

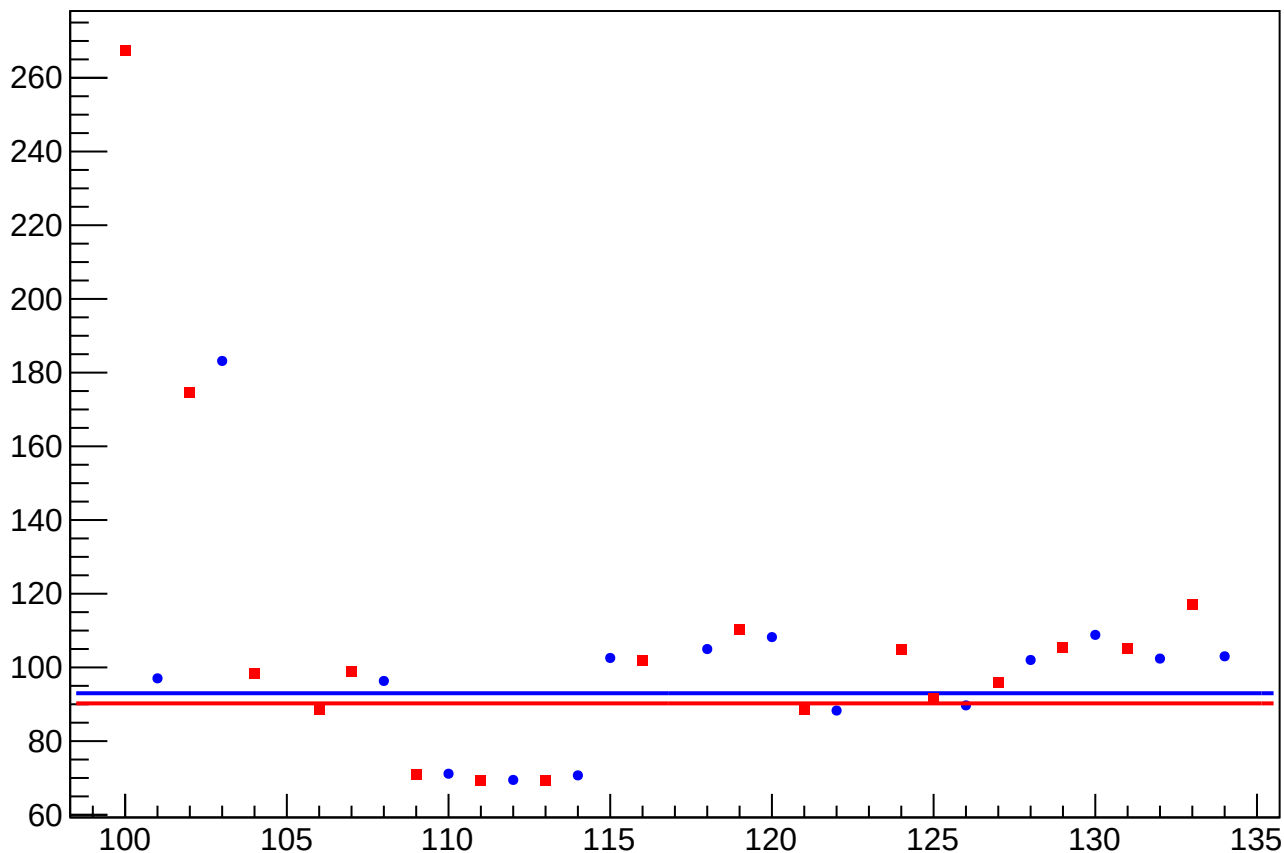
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -49.971+/-26.301 χ^2 /NDF: 37.3/31

- 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: 90.243+/-0.026 χ^2/NDF : 742681.6/16

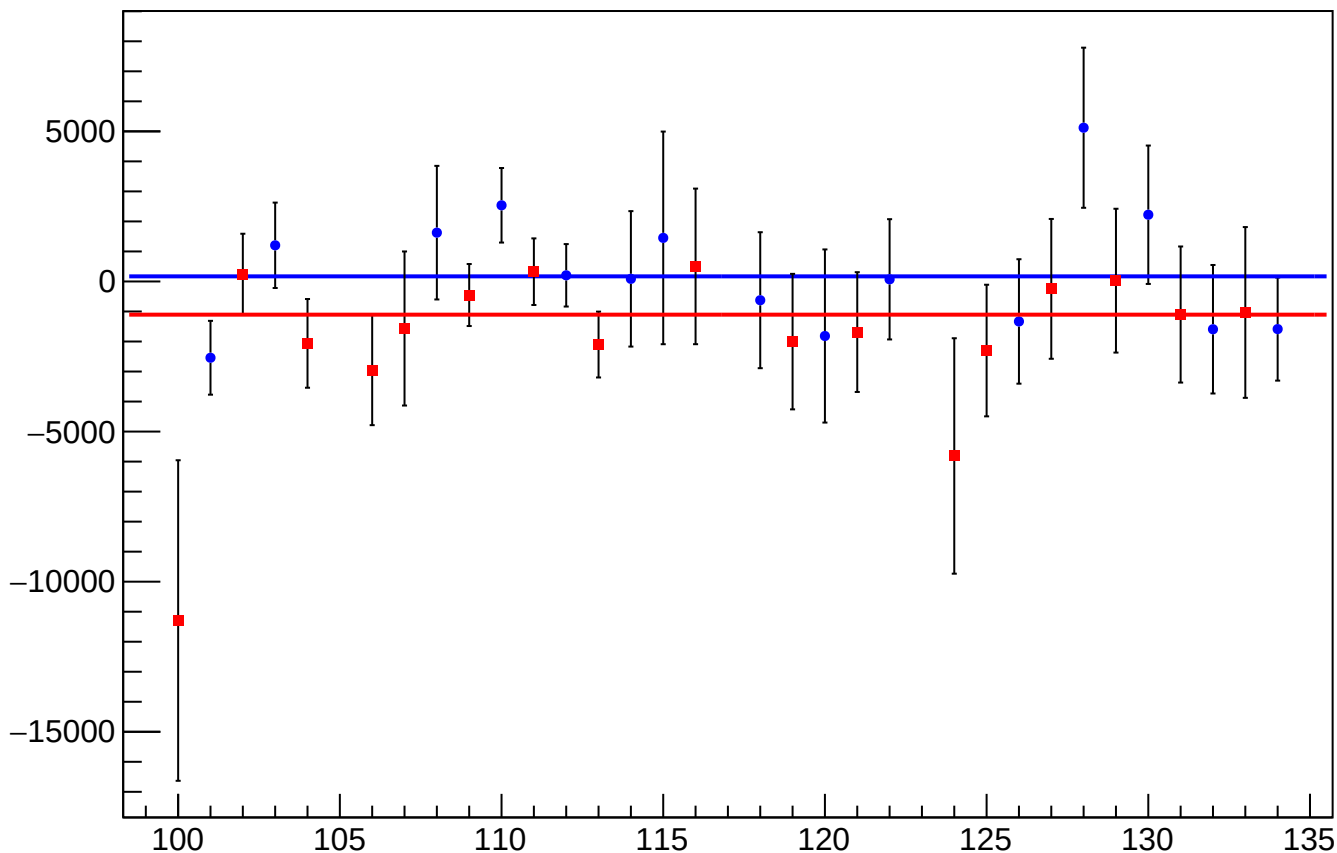
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.550+/-0.019 χ^2/NDF : 1311592.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_reg_correction_mean vs Slug



Right In: 170.299 $\pm$ 452.198 χ^2 /NDF: 16.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1105.853 $\pm$ 421.893 χ^2 /NDF: 11.7/16

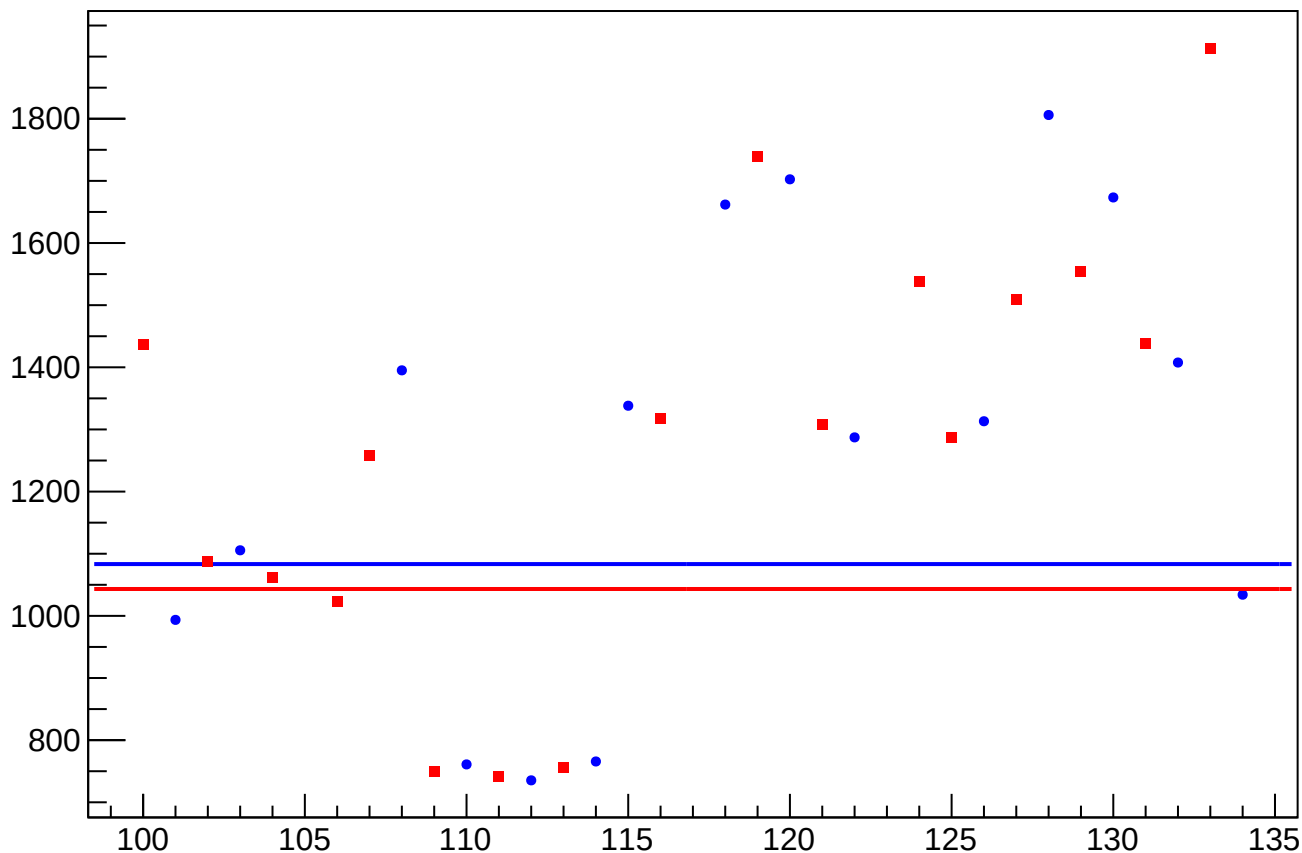
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -511.968 $\pm$ 308.481 χ^2 /NDF: 32.6/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_reg_correction_rms vs Slug



Right In: 1083.346 $\pm$ 0.320 χ^2 /NDF: 1052702.2/14

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

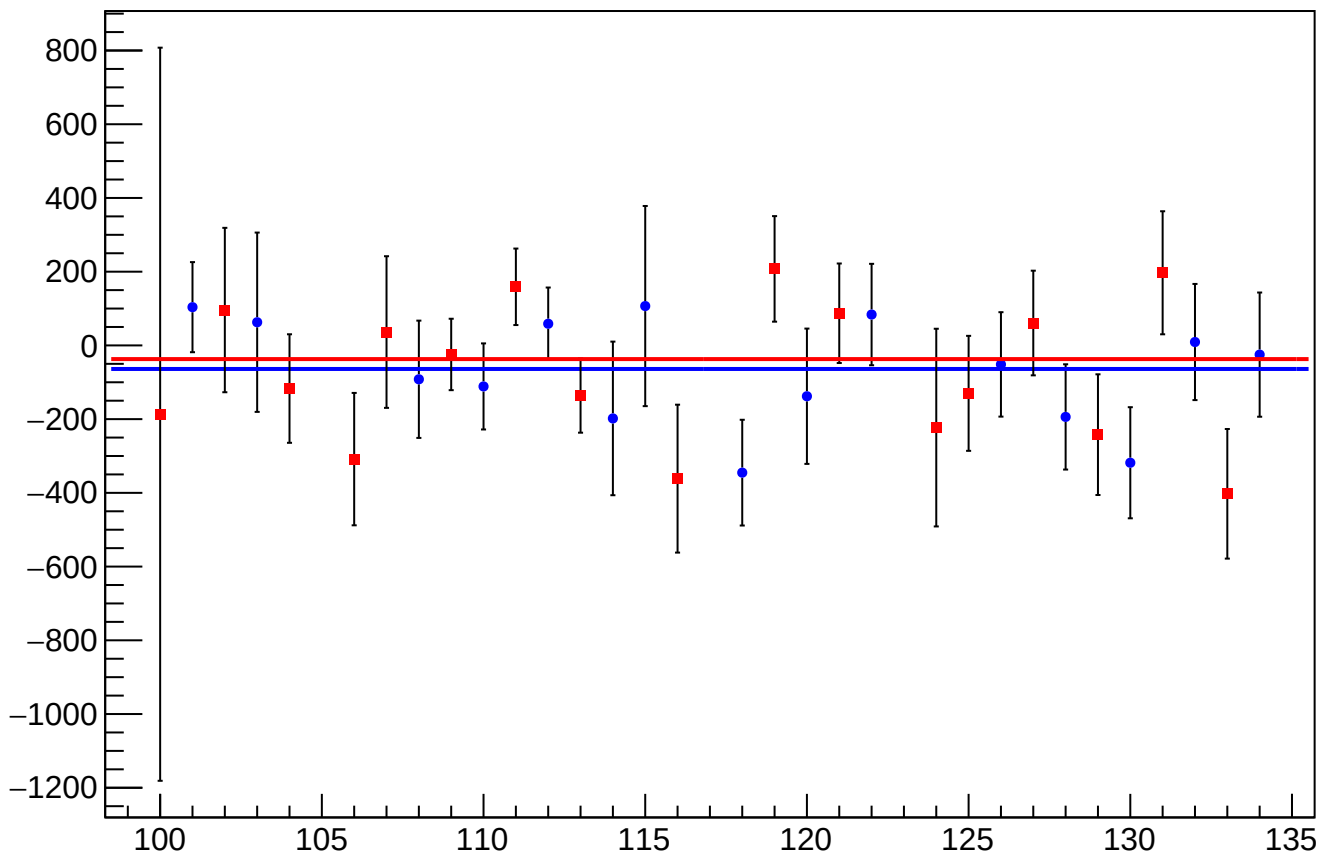
Right Out: 1043.254 $\pm$ 0.298 χ^2 /NDF: 1196734.6/16

All: 1061.912 $\pm$ 0.218 χ^2 /NDF: 2257841.6/31

- 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

cor_asym_sam_3748_avg_mean vs Slug



Right In: -63.911 $\pm$ 38.167 χ^2 /NDF: 13.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -37.098 $\pm$ 36.299 χ^2 /NDF: 23.2/16

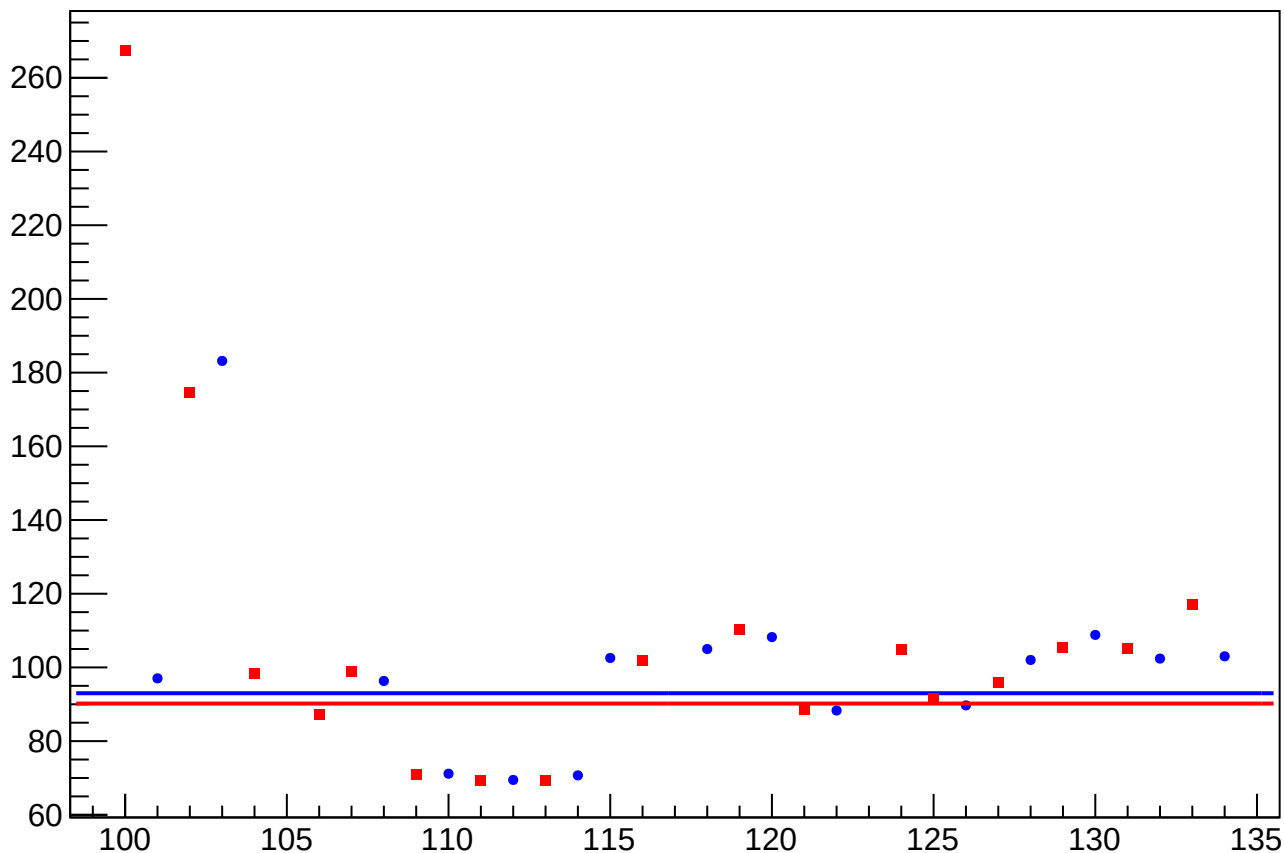
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -49.832 $\pm$ 26.303 χ^2 /NDF: 37.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_3748_avg_rms vs Slug



Right In: 92.994+/-0.027 χ^2/NDF : 563459.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.190+/-0.026 χ^2/NDF : 743288.4/16

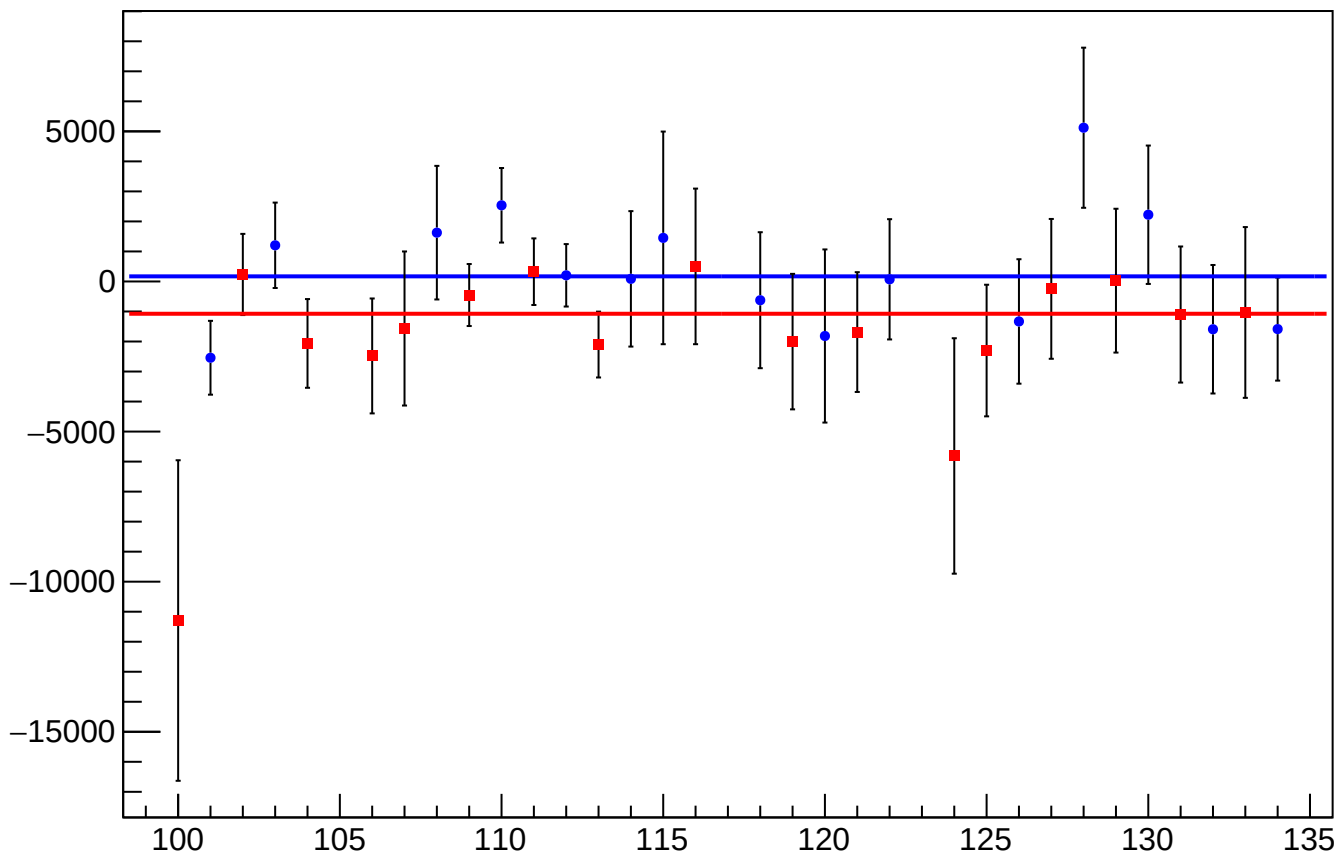
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.522+/-0.019 χ^2/NDF : 1312414.5/31

- sign 0.000+/-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: -1075.676 $\pm$ 422.837 χ^2 /NDF: 11.2/16

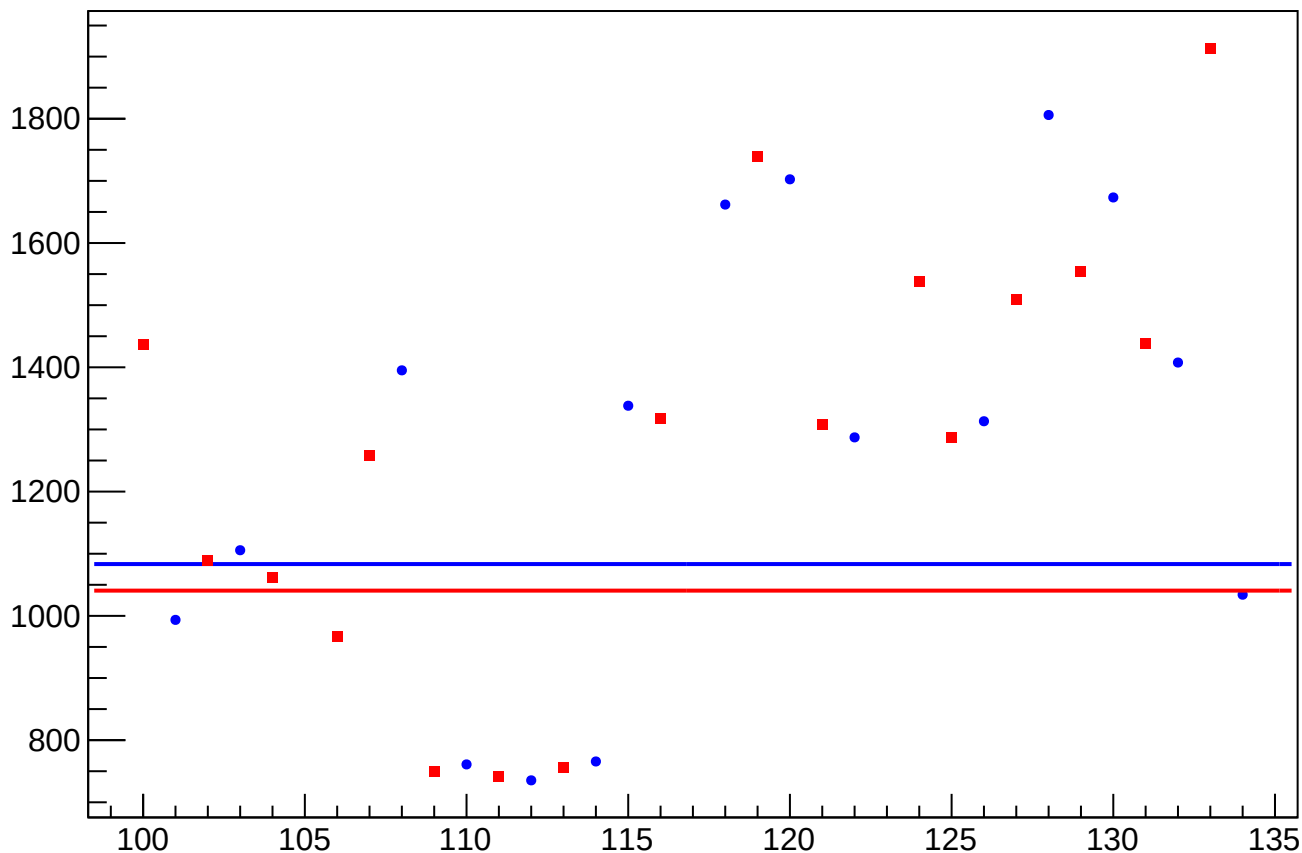
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -494.464 $\pm$ 308.851 χ^2 /NDF: 31.9/31

- 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 $\pm$ 0.320 χ^2 /NDF: 1052707.9/14

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

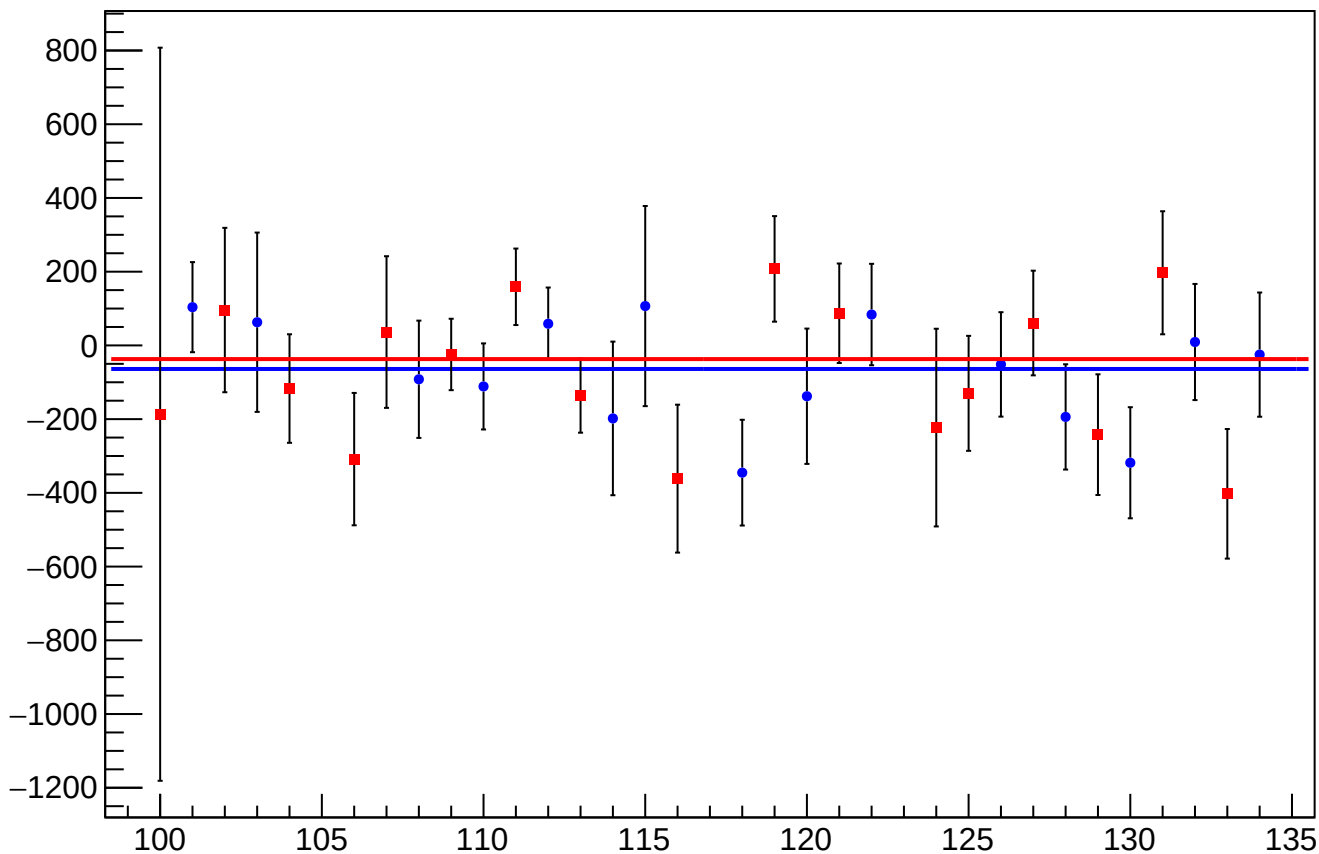
Right Out: 1040.631 $\pm$ 0.299 χ^2 /NDF: 1199682.6/16

All: 1060.562 $\pm$ 0.218 χ^2 /NDF: 2261915.8/31

- 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

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: -37.098+/-36.299 χ^2/NDF : 23.2/16

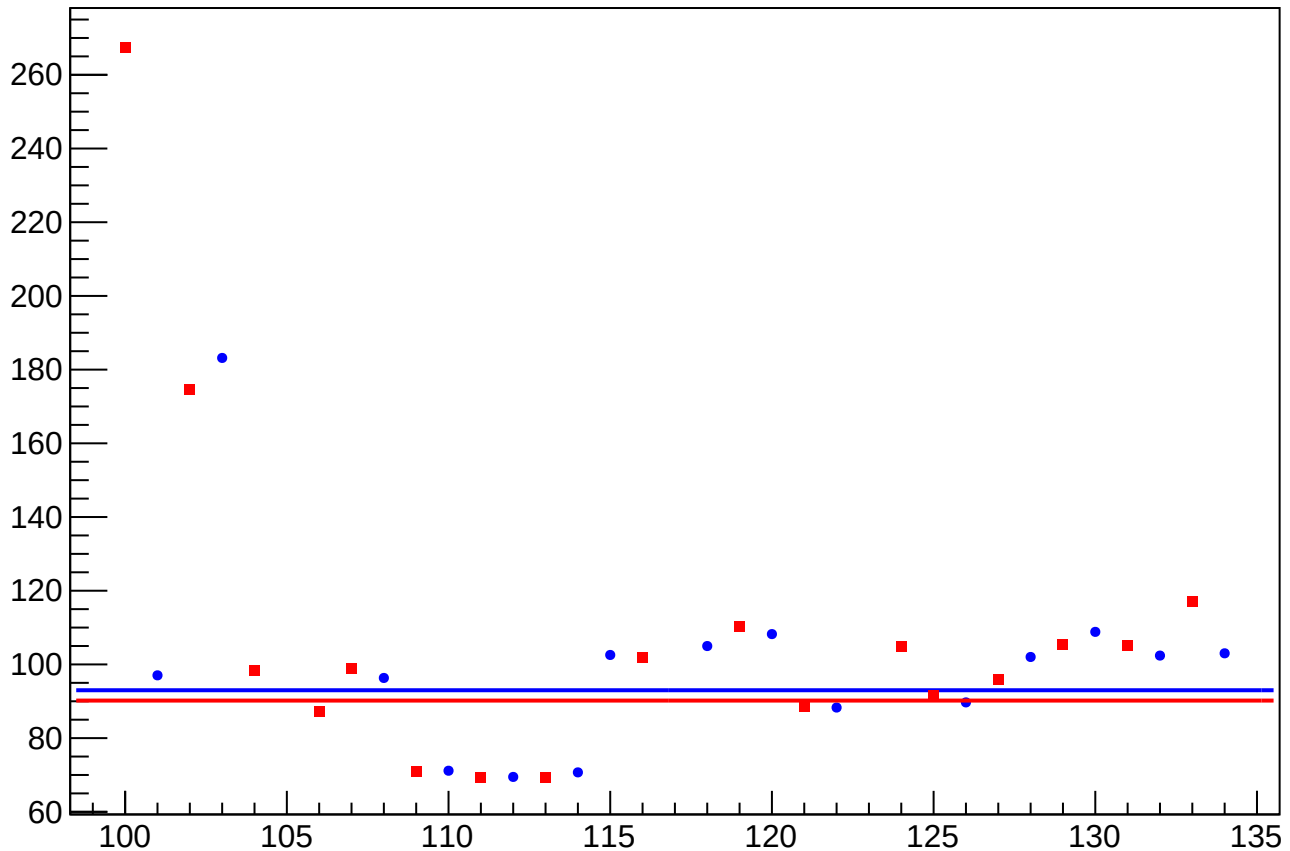
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.832+/-26.303 χ^2/NDF : 37.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_3748_avg_rms vs Slug



Right In: 92.994+/-0.027 χ^2/NDF : 563459.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.190+/-0.026 χ^2/NDF : 743288.4/16

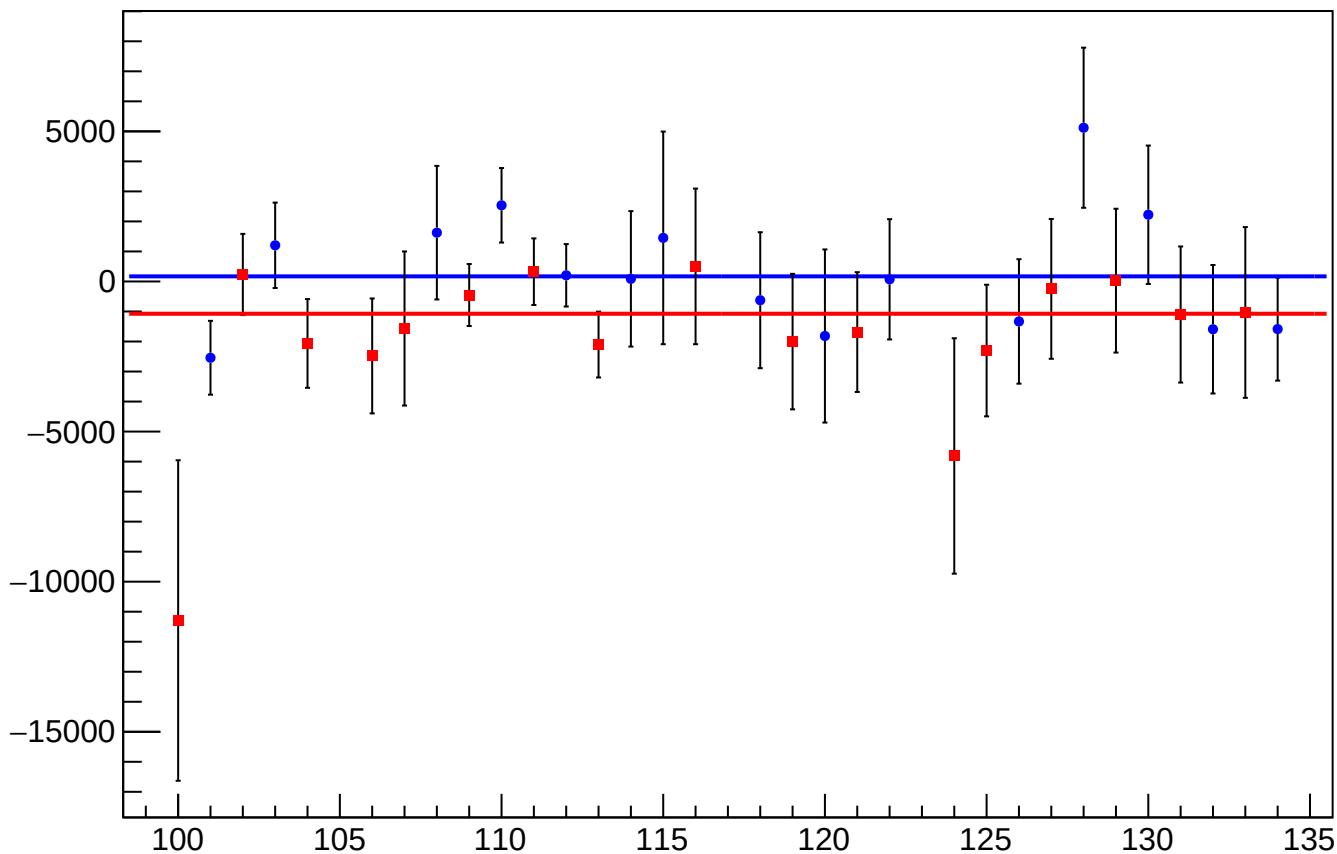
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.522+/-0.019 χ^2/NDF : 1312414.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_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: -1075.676 $\pm$ 422.837 χ^2 /NDF: 11.2/16

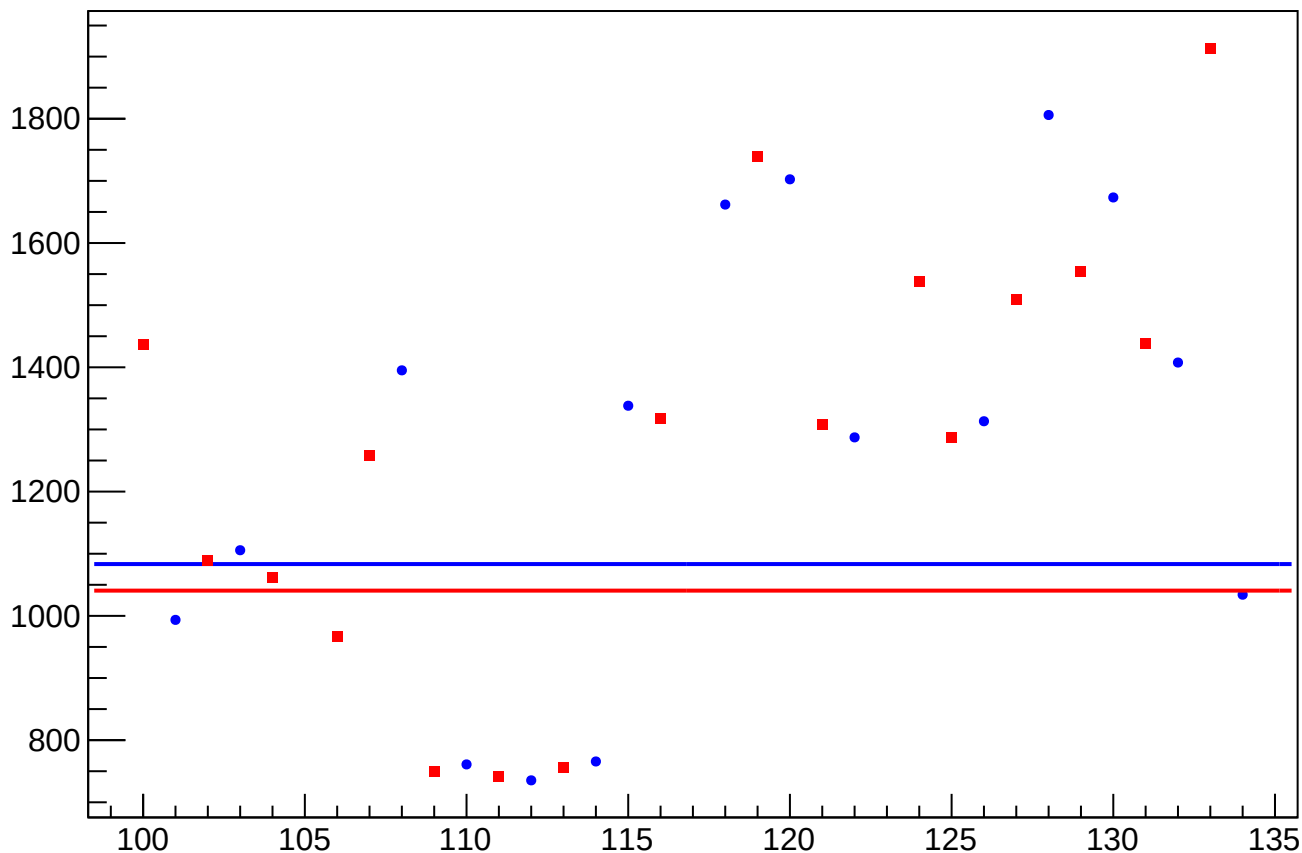
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -494.464 $\pm$ 308.851 χ^2 /NDF: 31.9/31

- sign 0.000 $\pm$ 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

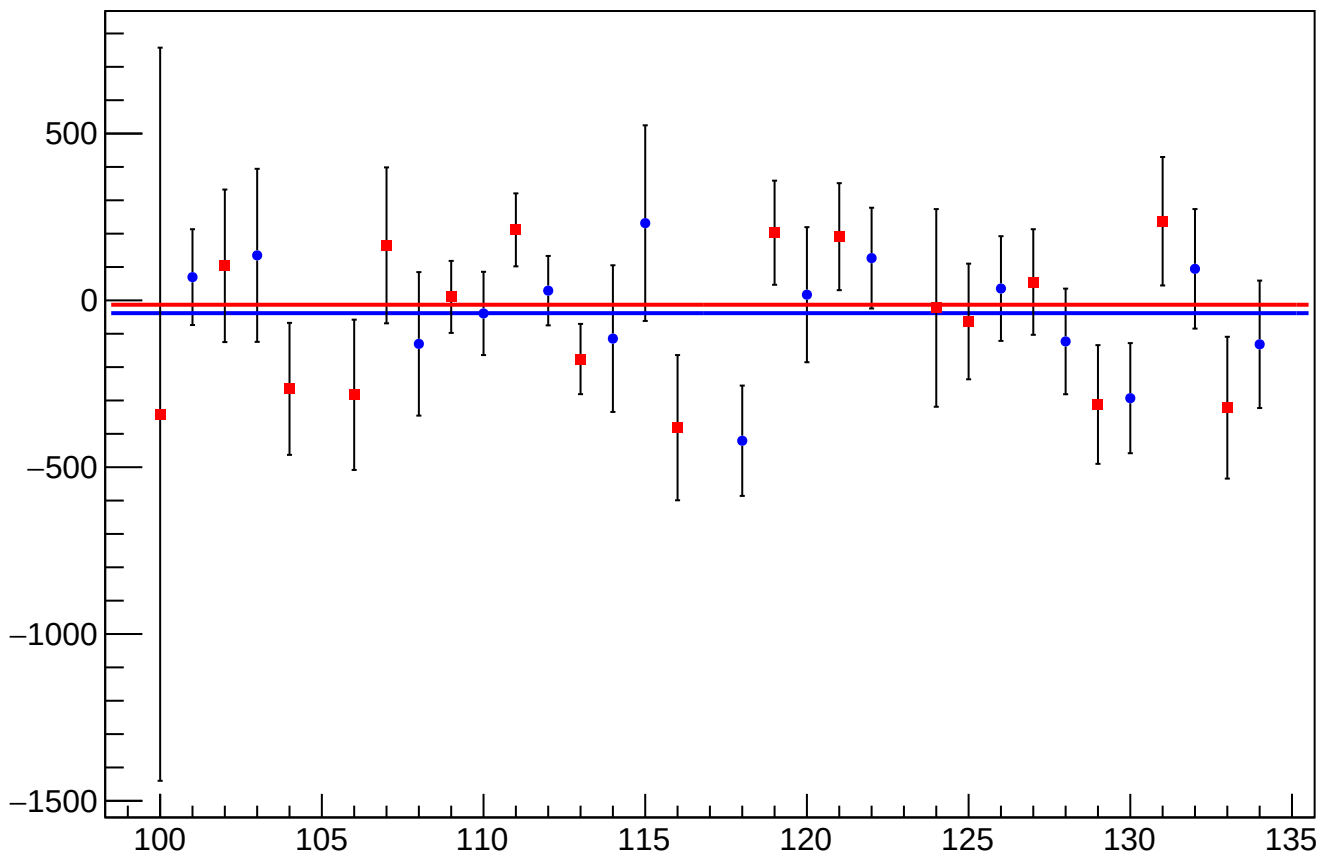
Right Out: 1040.631+/-0.299 χ^2/NDF : 1199682.6/16

All: 1060.562+/-0.218 χ^2/NDF : 2261915.8/31

- 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_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: -13.070 ± 40.501 χ^2/NDF : 23.9/16

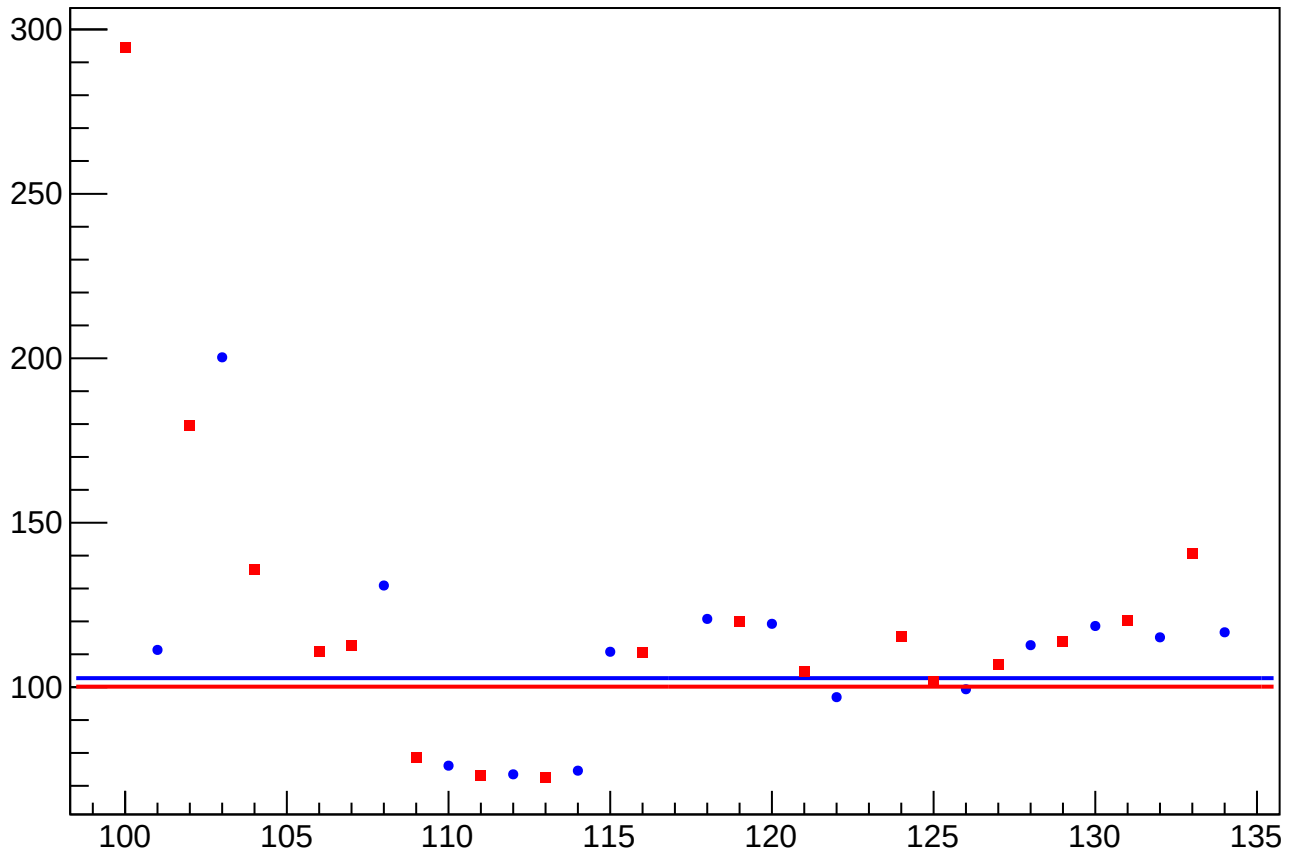
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.084 ± 29.308 χ^2/NDF : 37.0/31

- 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: 100.153 $\pm$ 0.029 χ^2 /NDF: 874967.5/16

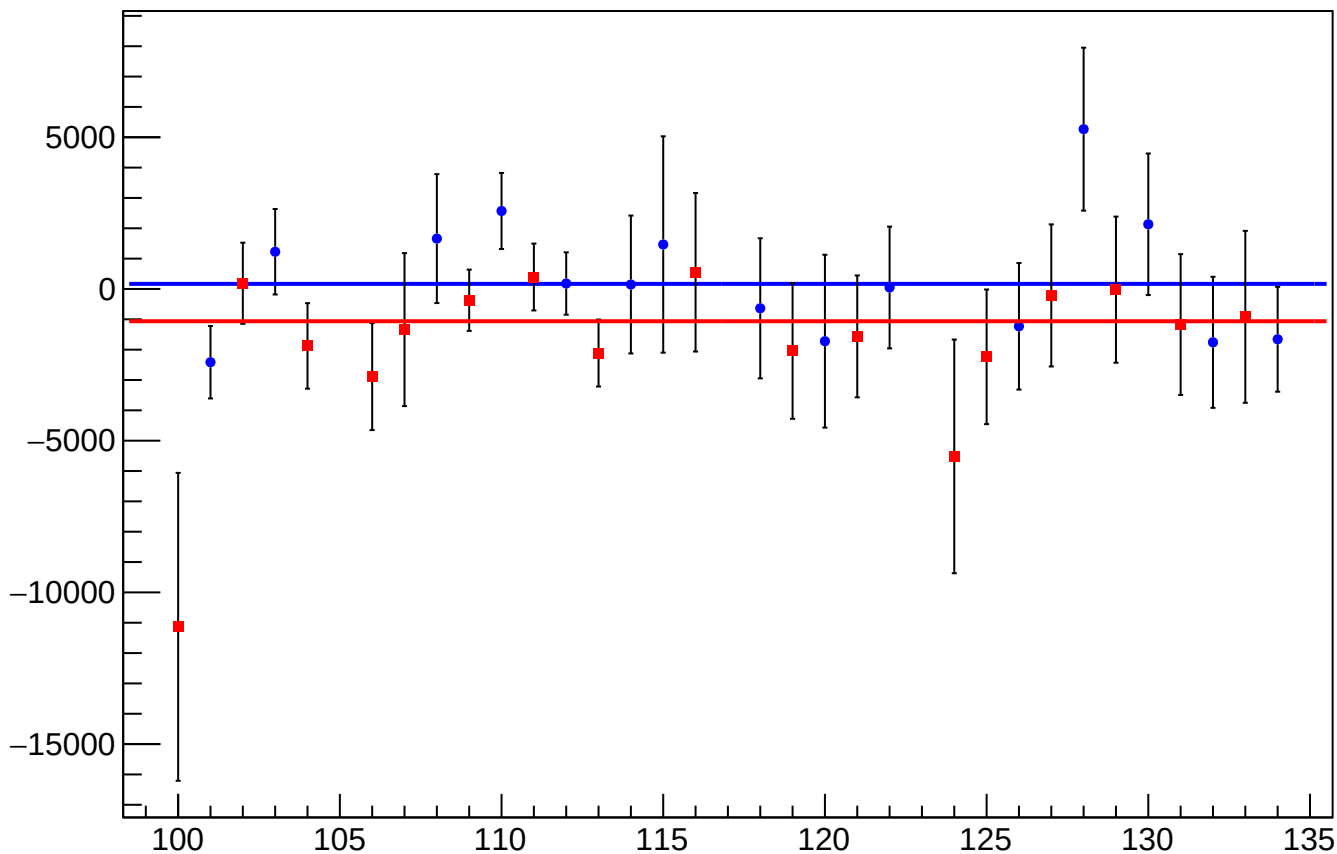
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 101.386 $\pm$ 0.021 χ^2 /NDF: 1574263.1/31

- 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: -1063.670+/-417.473 χ^2/NDF : 11.9/16

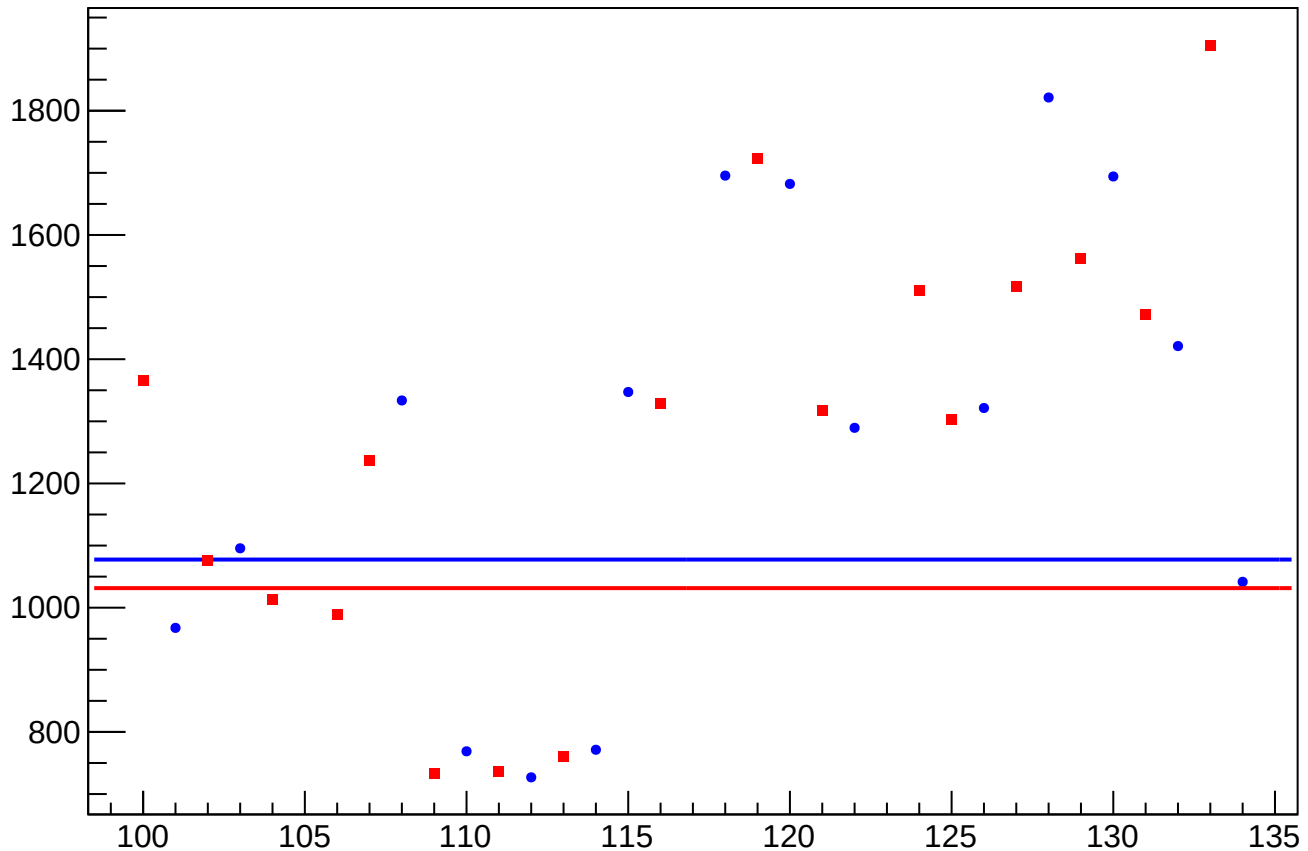
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -493.779+/-306.001 χ^2/NDF : 32.7/31

- 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

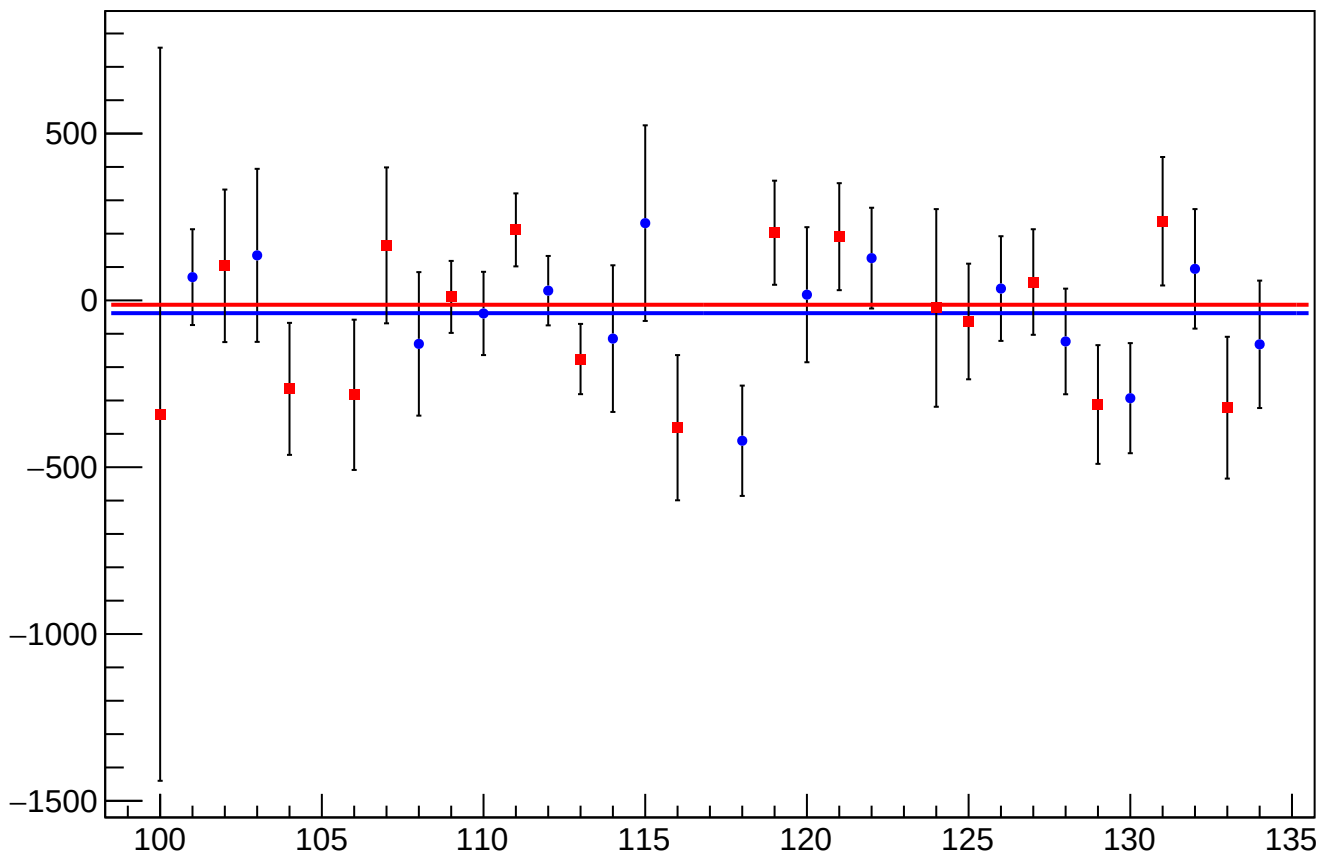
Right Out: 1031.493+/-0.295 χ^2/NDF : 1228182.1/16

All: 1052.772+/-0.216 χ^2/NDF : 2315328.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_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: -13.067+/-40.501 χ^2/NDF : 23.9/16

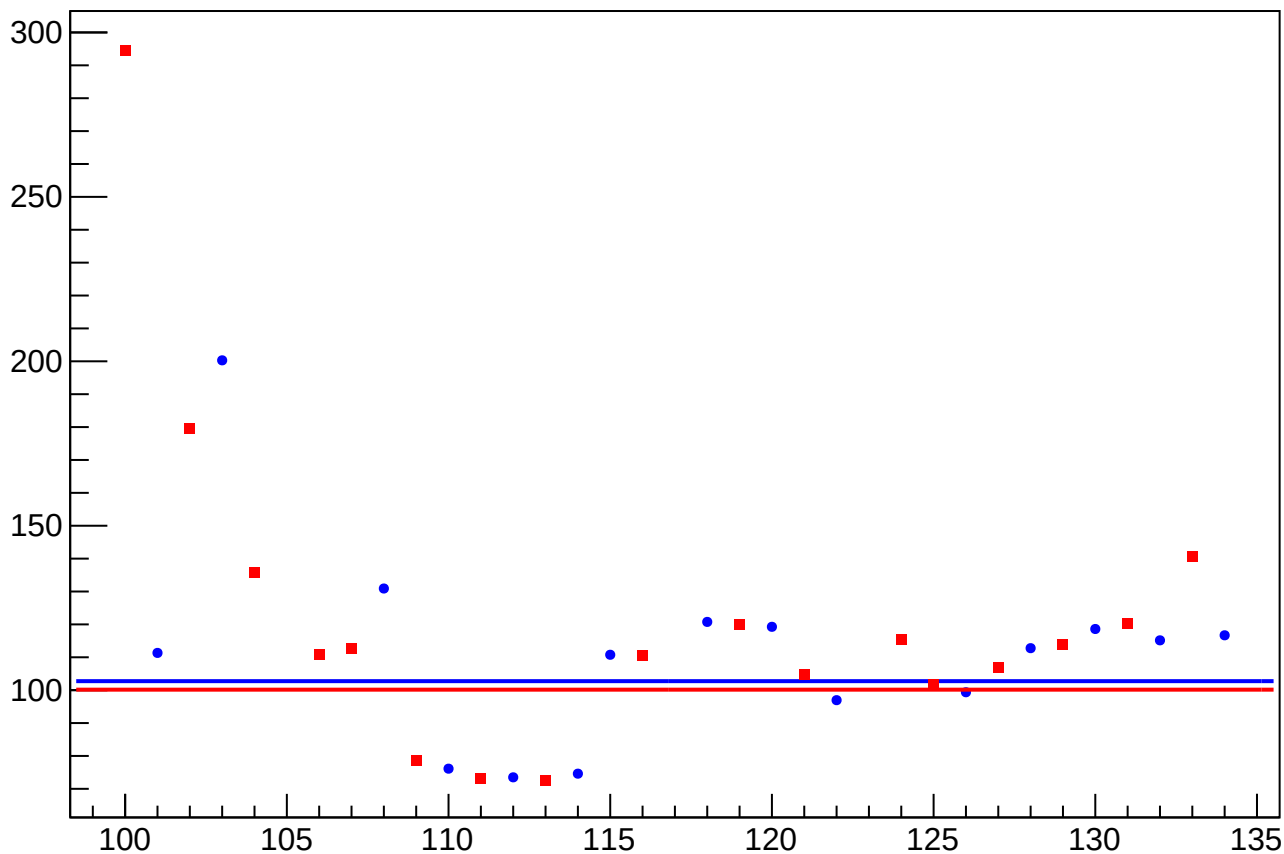
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.083+/-29.308 χ^2/NDF : 37.0/31

- 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: 100.153 $\pm$ 0.029 χ^2 /NDF: 874969.6/16

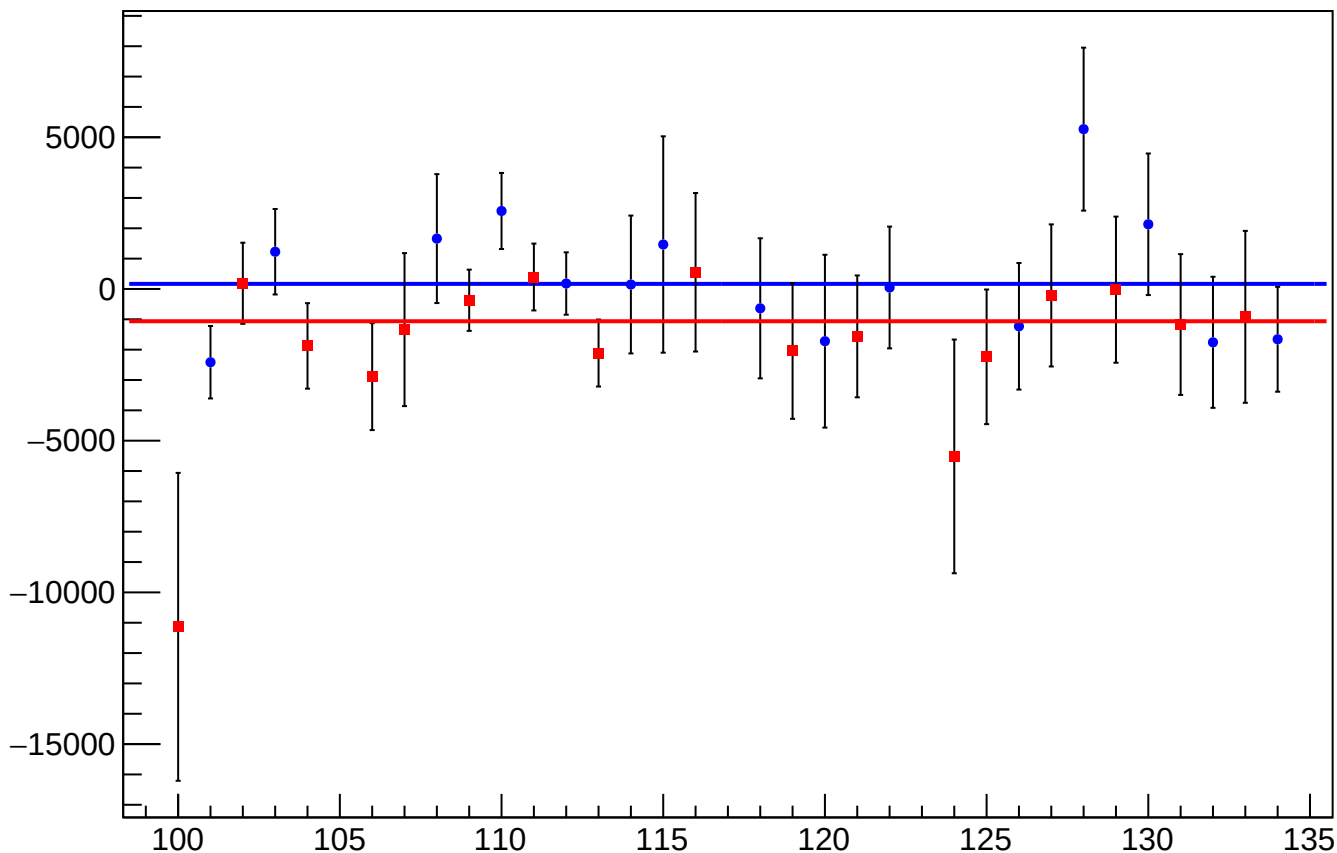
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 101.386 $\pm$ 0.021 χ^2 /NDF: 1574263.9/31

- 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: -1063.668+/-417.473 χ^2/NDF : 11.9/16

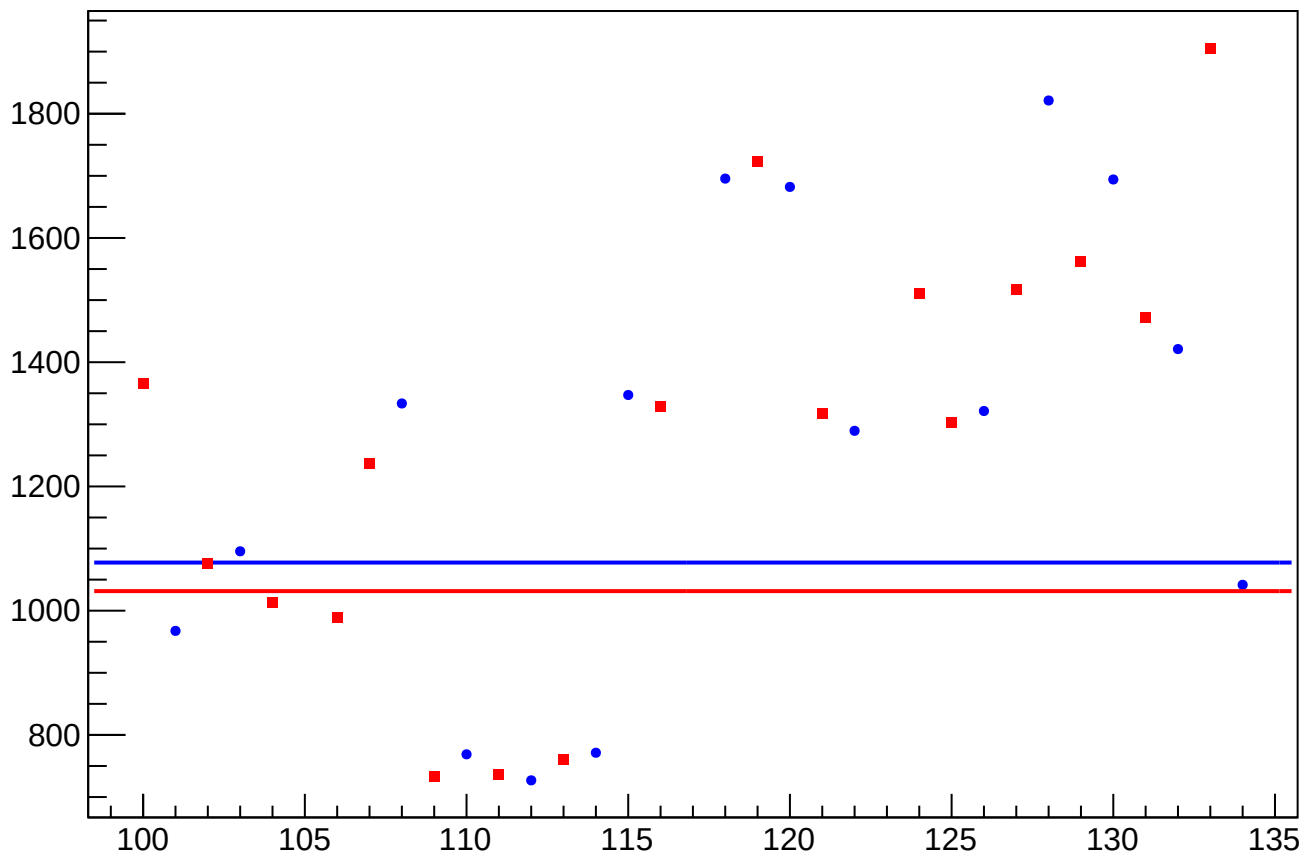
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -493.778+/-306.000 χ^2/NDF : 32.7/31

- 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

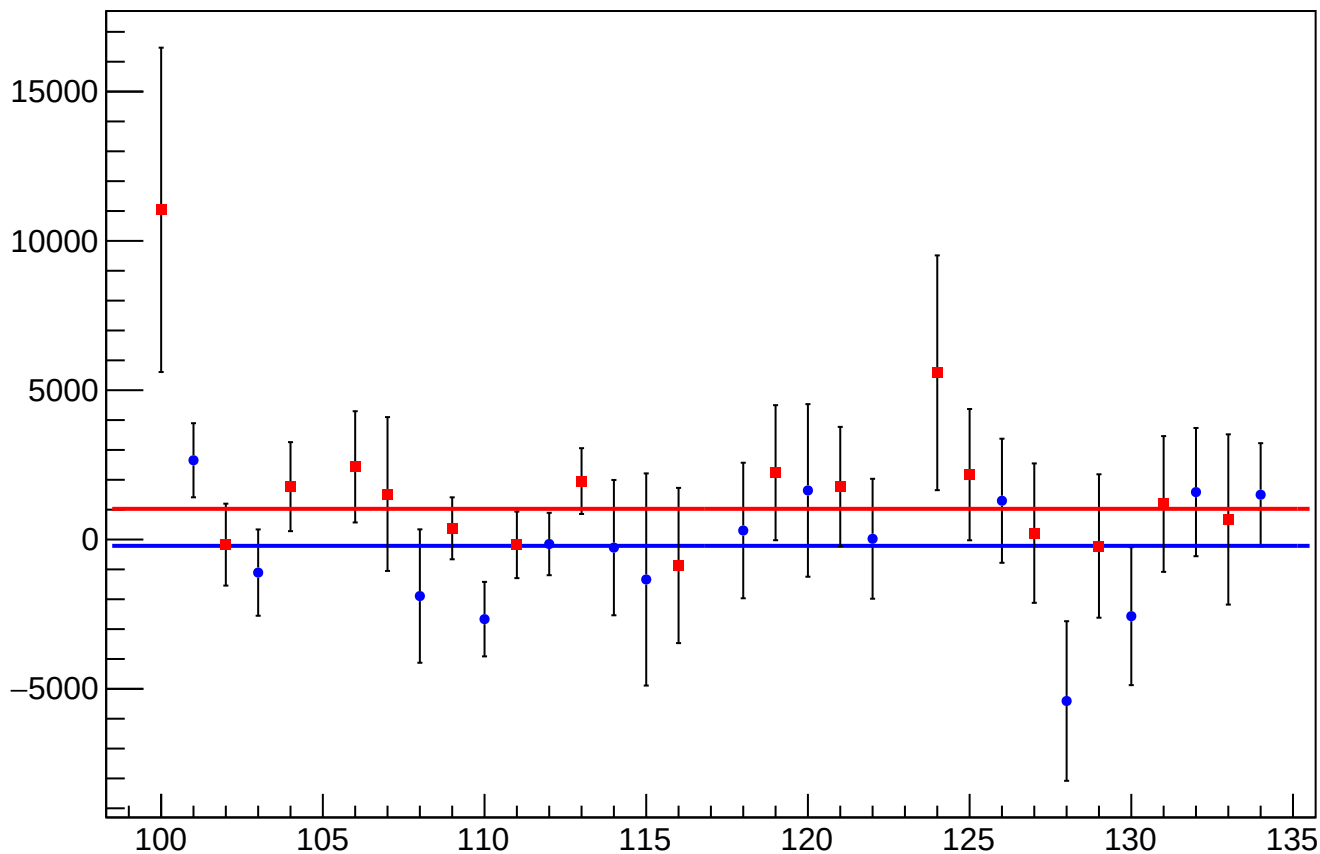
Right Out: 1031.491+/-0.295 χ^2/NDF : 1228184.6/16

All: 1052.770+/-0.216 χ^2/NDF : 2315336.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_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: 1028.063+/-424.394 χ^2/NDF : 10.3/16

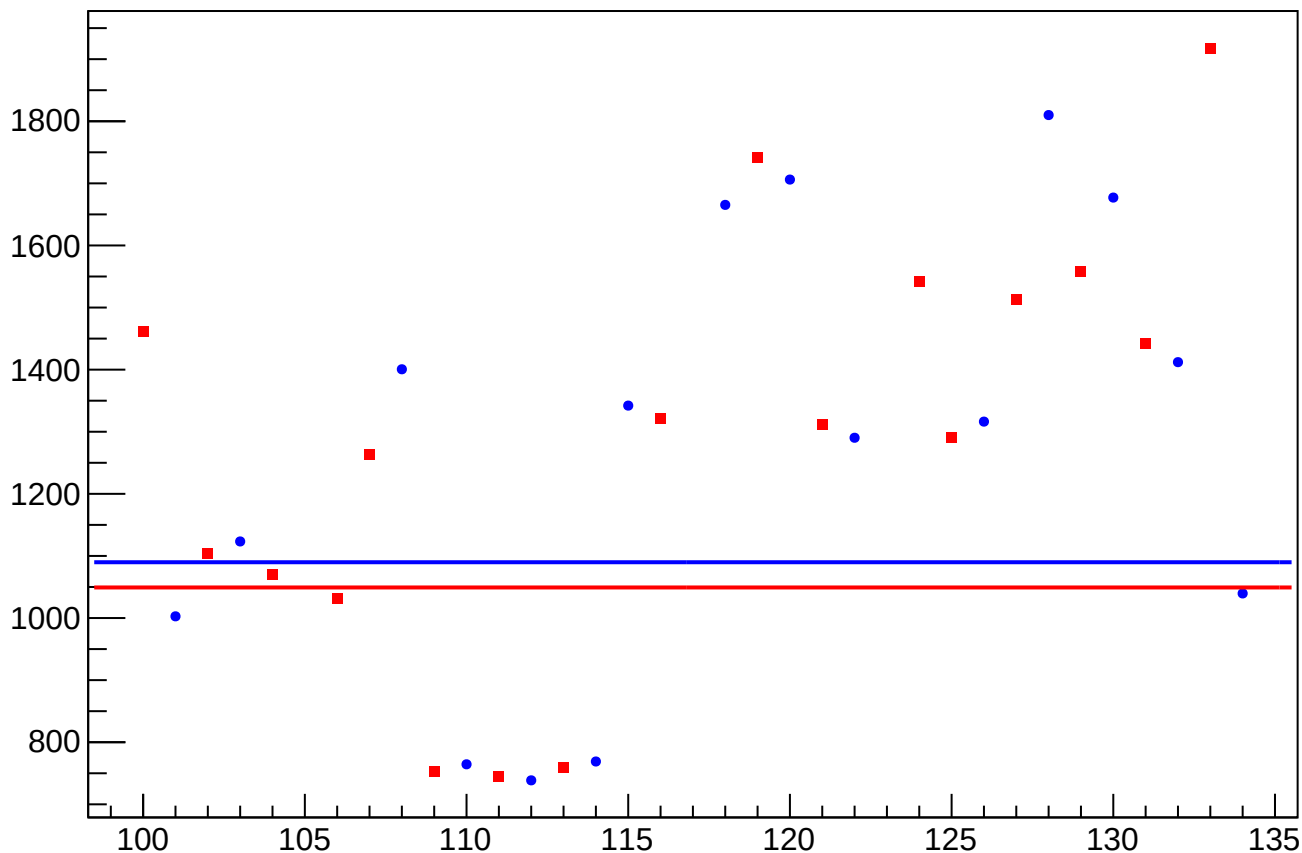
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 451.045+/-310.276 χ^2/NDF : 32.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_rms vs Slug



Right In: 1089.848 $\pm$ 0.322 χ^2 /NDF: 1046525.9/14

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

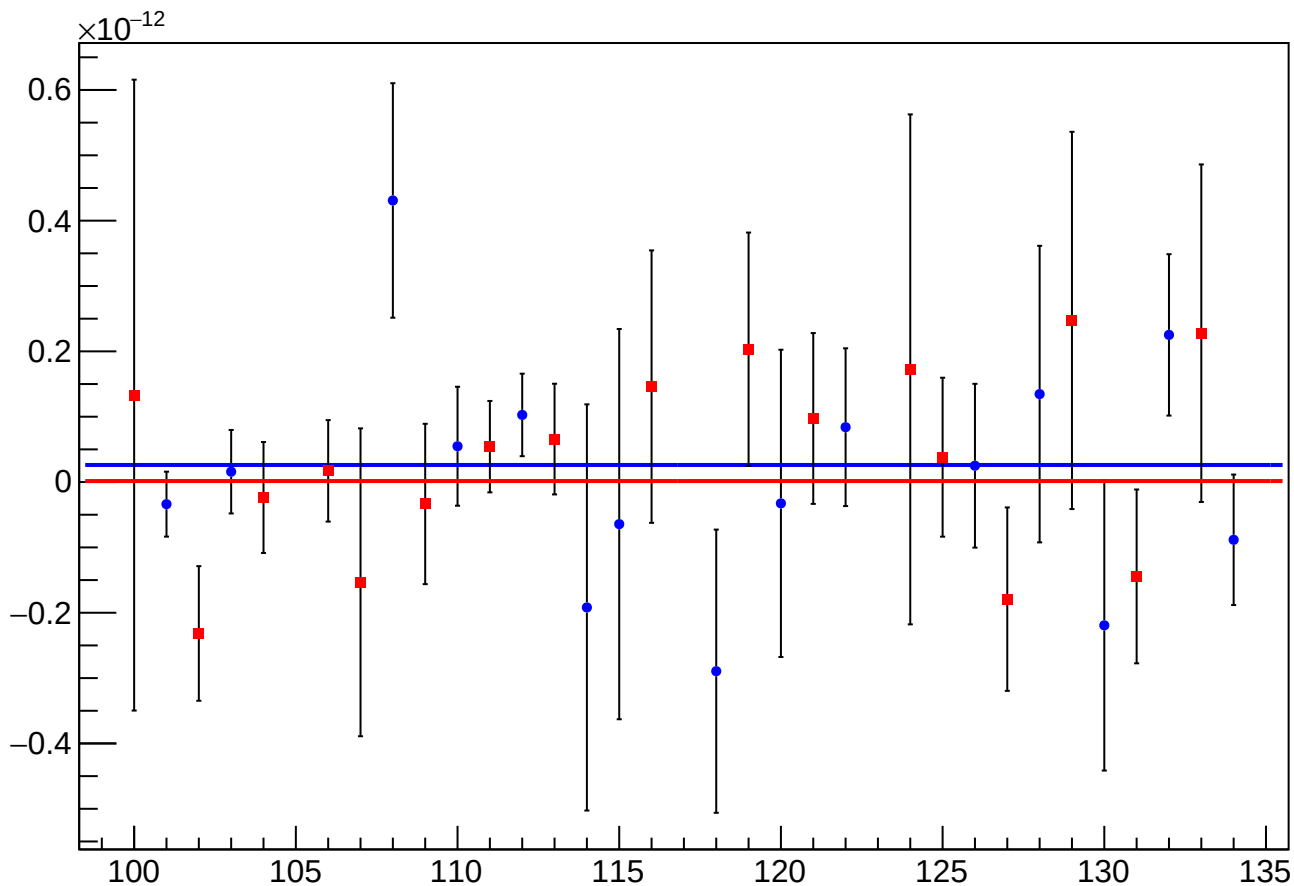
Right Out: 1049.226 $\pm$ 0.300 χ^2 /NDF: 1192703.3/16

All: 1068.135 $\pm$ 0.219 χ^2 /NDF: 2247758.7/31

- 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_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: 13.9/16

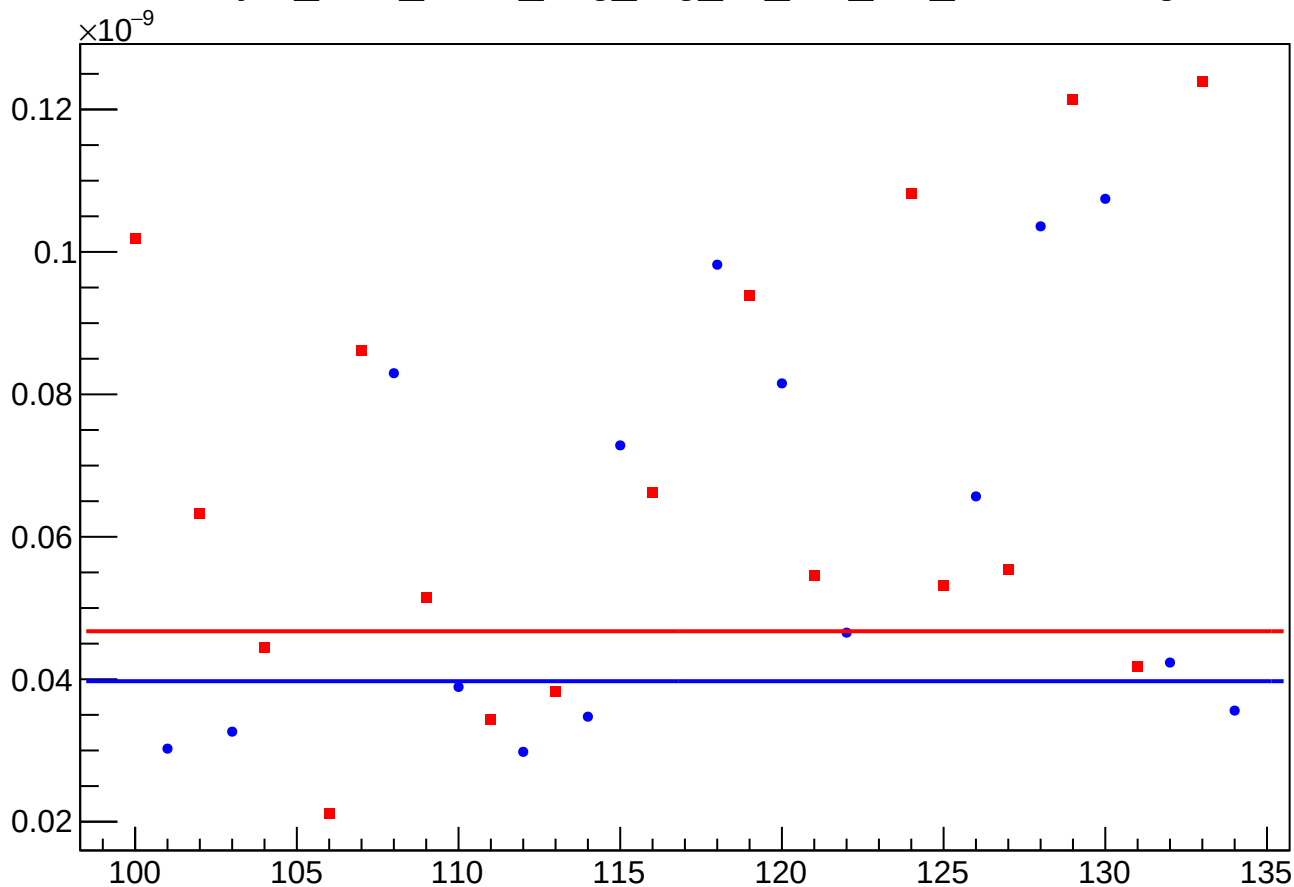
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 30.8/31

- 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: 979735.3/16

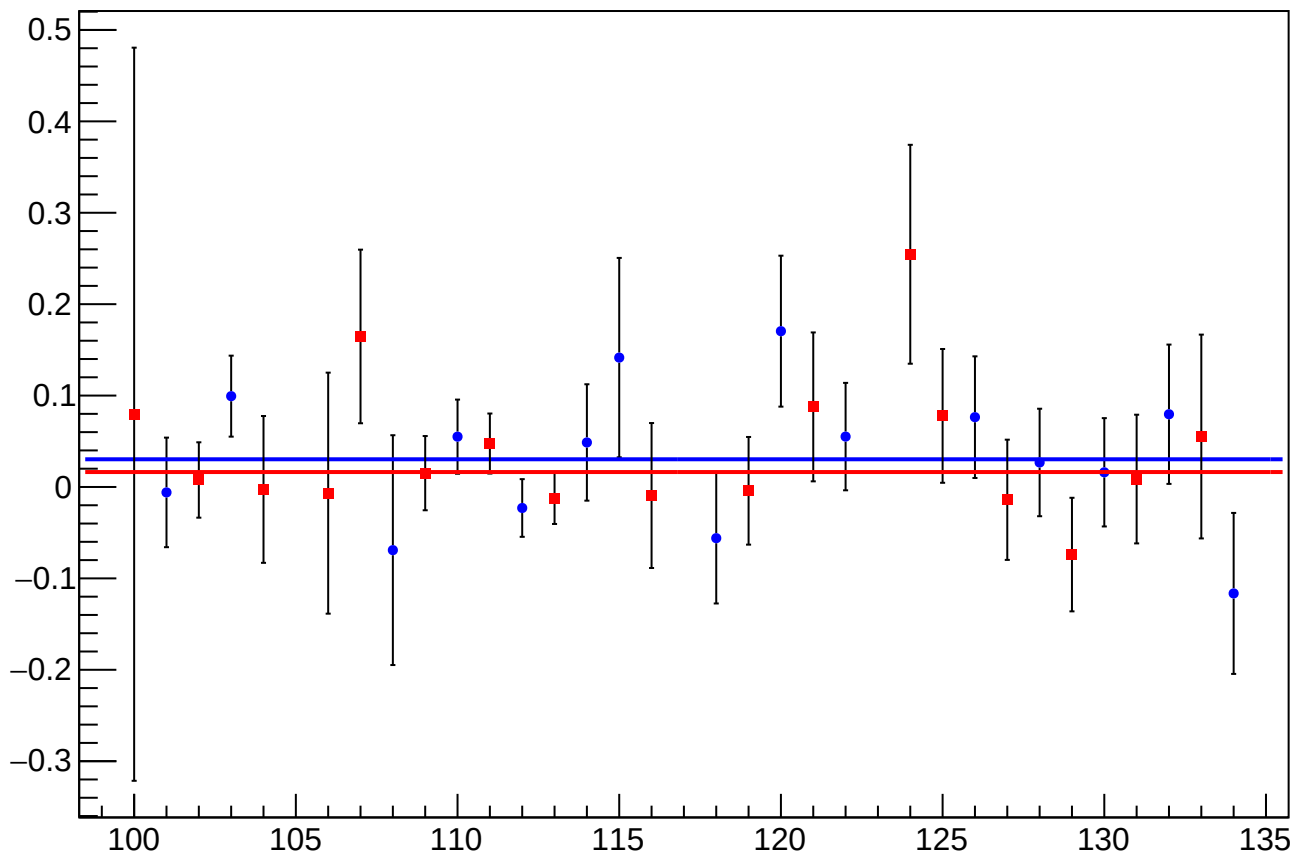
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1980560.0/31

- 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: 0.016 $\pm$ 0.014 χ^2 /NDF: 12.6/16

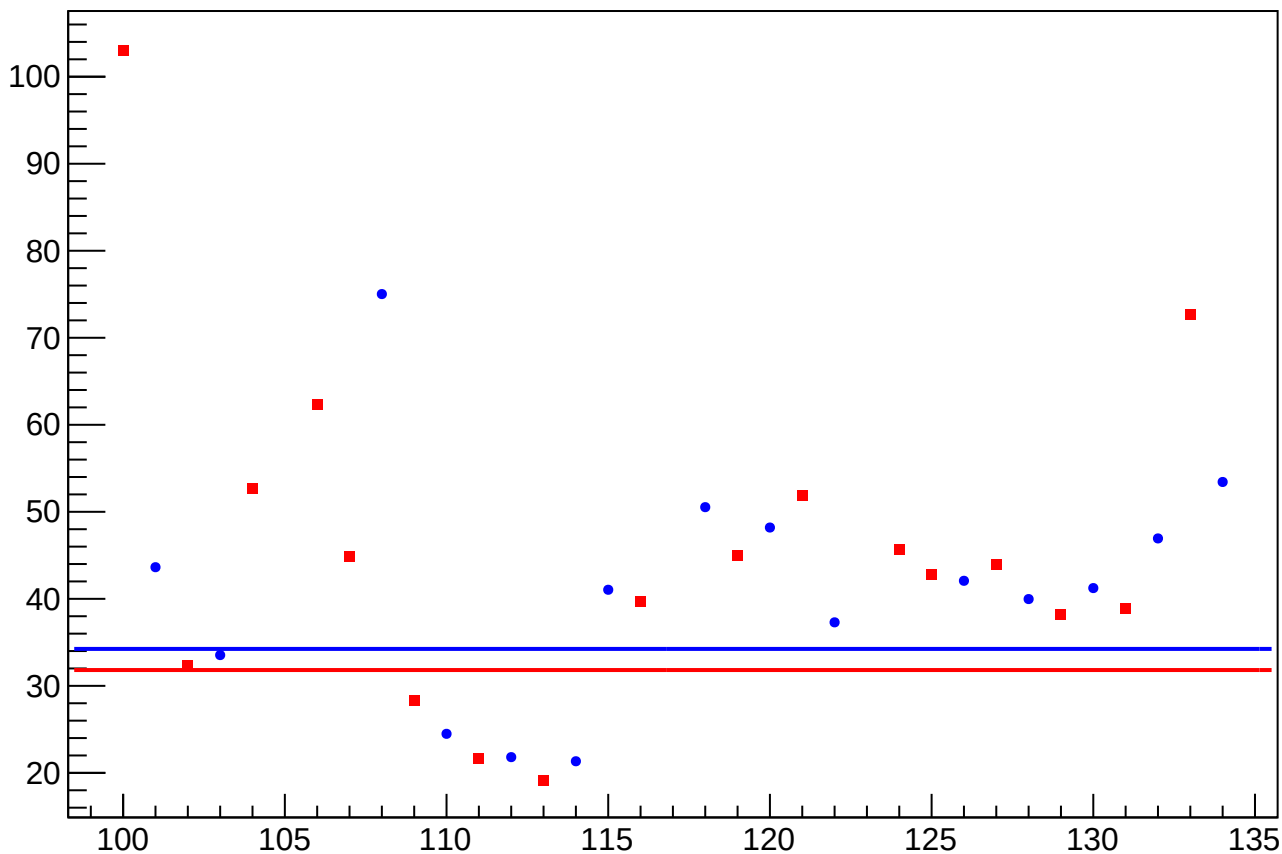
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.023 $\pm$ 0.010 χ^2 /NDF: 29.1/31

- 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 $\pm$ 0.011 χ^2 /NDF: 1167641.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 31.817 $\pm$ 0.010 χ^2 /NDF: 1642359.8/16

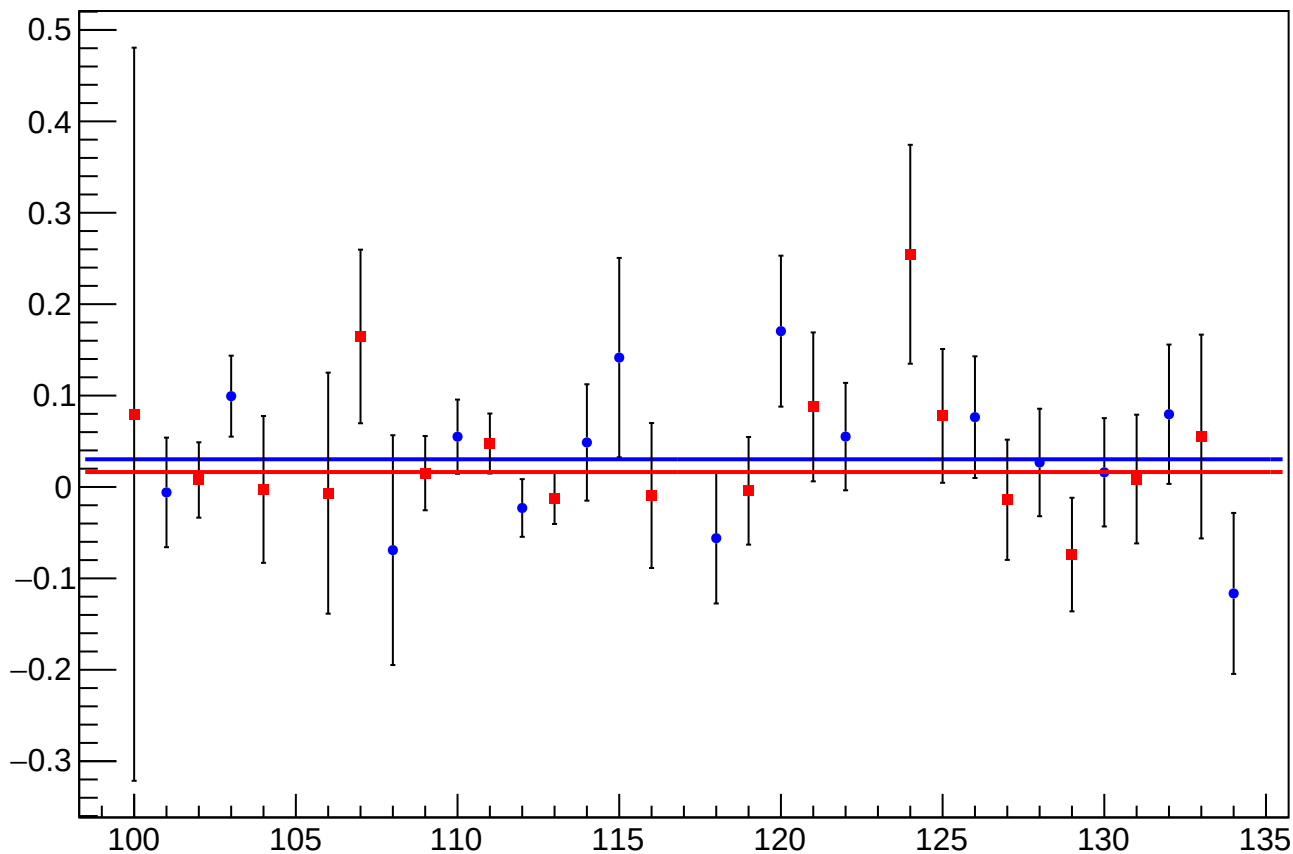
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.932 $\pm$ 0.007 χ^2 /NDF: 2838850.6/31

- sign 0.000 $\pm$ 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: 0.016 $\pm$ 0.014 χ^2 /NDF: 12.6/16

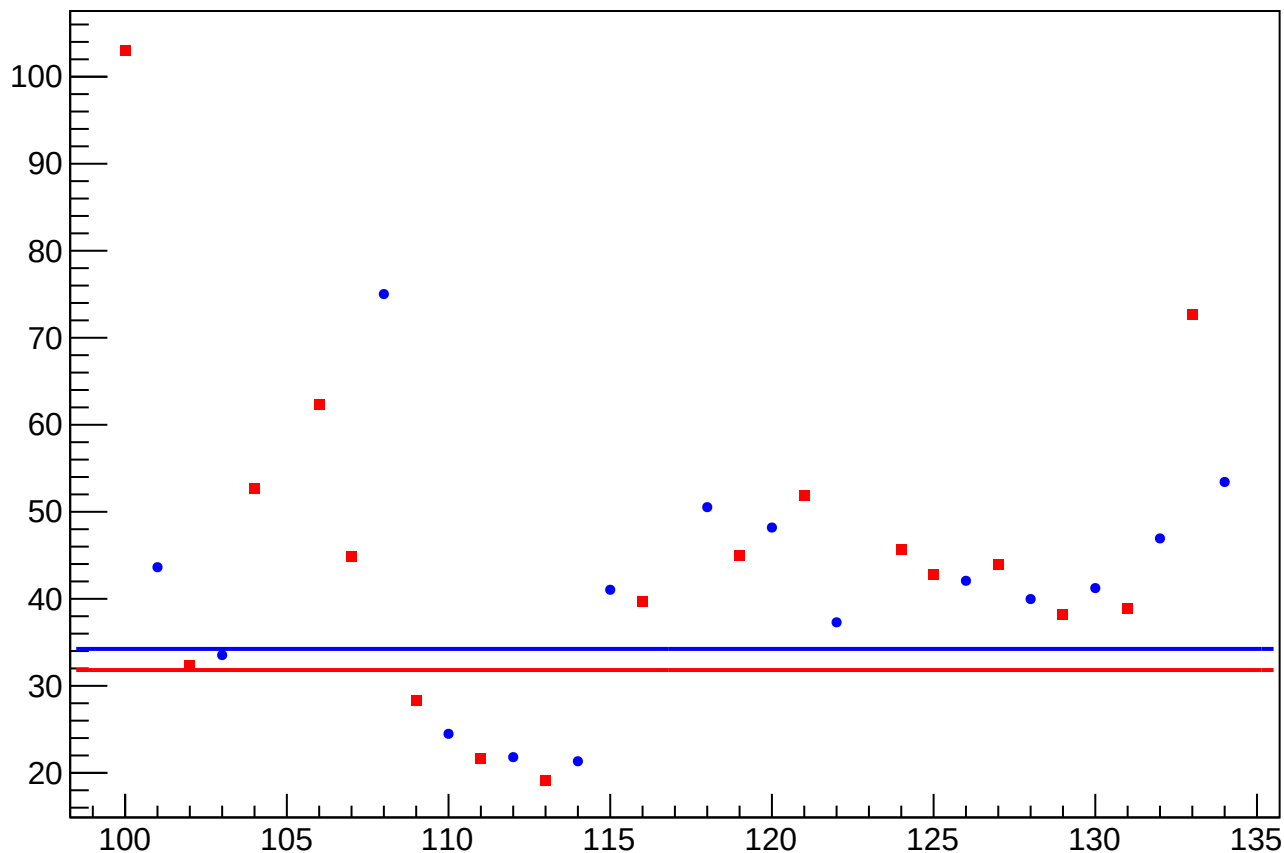
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.023 $\pm$ 0.010 χ^2 /NDF: 29.1/31

- 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: 31.817+/-0.010 χ^2/NDF : 1642359.8/16

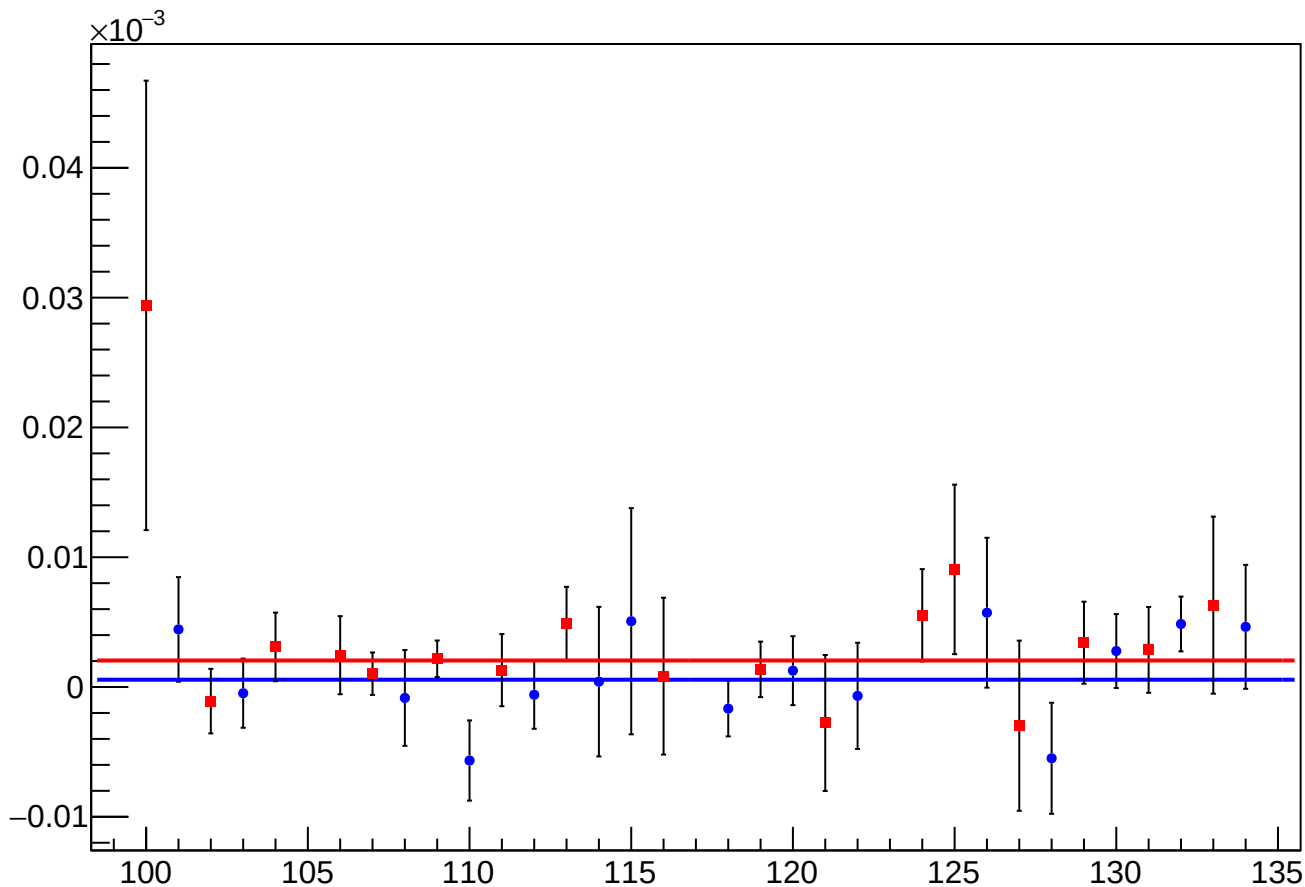
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.932+/-0.007 χ^2/NDF : 2838850.6/31

- 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: 10.1/16

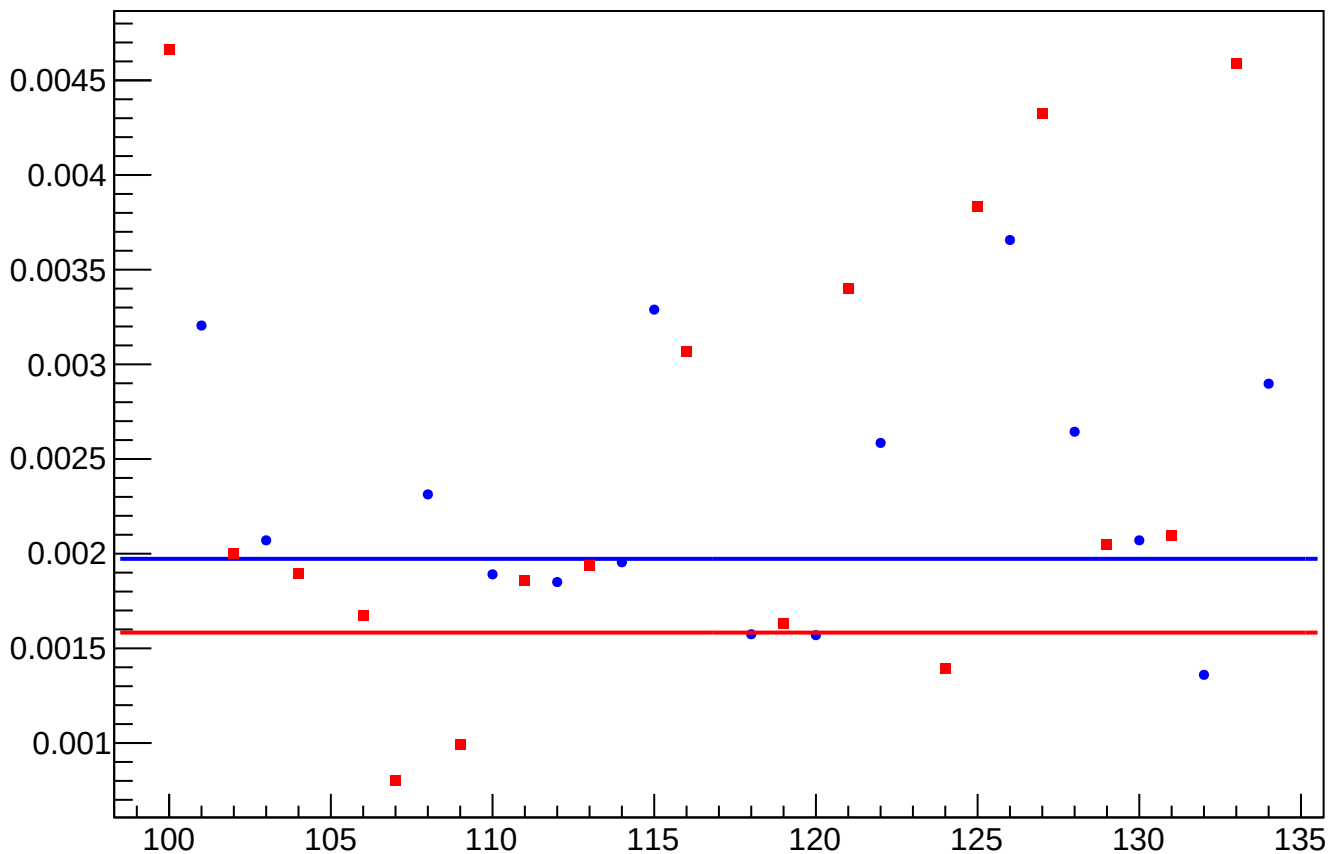
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 27.3/31

- 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 : 2446543.9/16

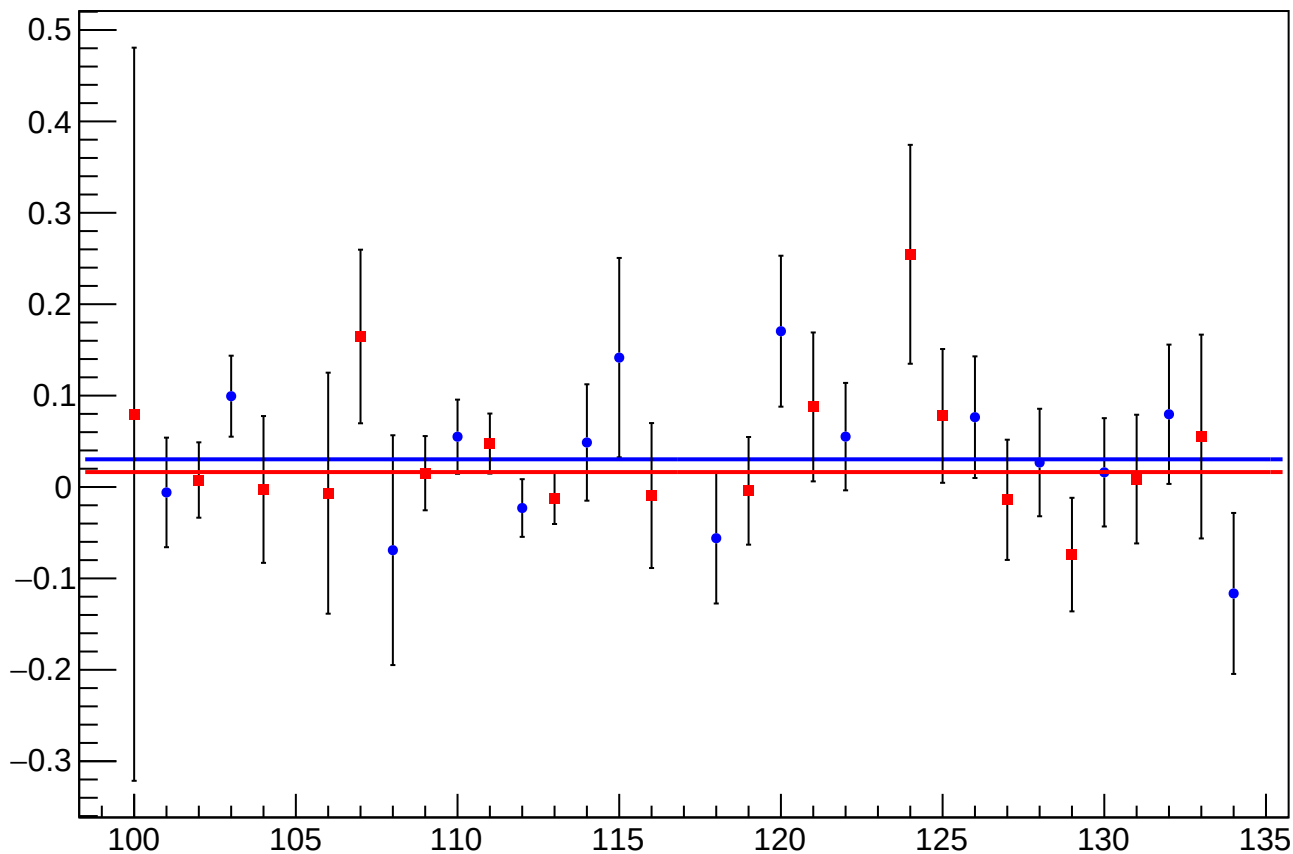
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3595810.9/31

- 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: 0.016 $\pm$ 0.014 χ^2 /NDF: 12.6/16

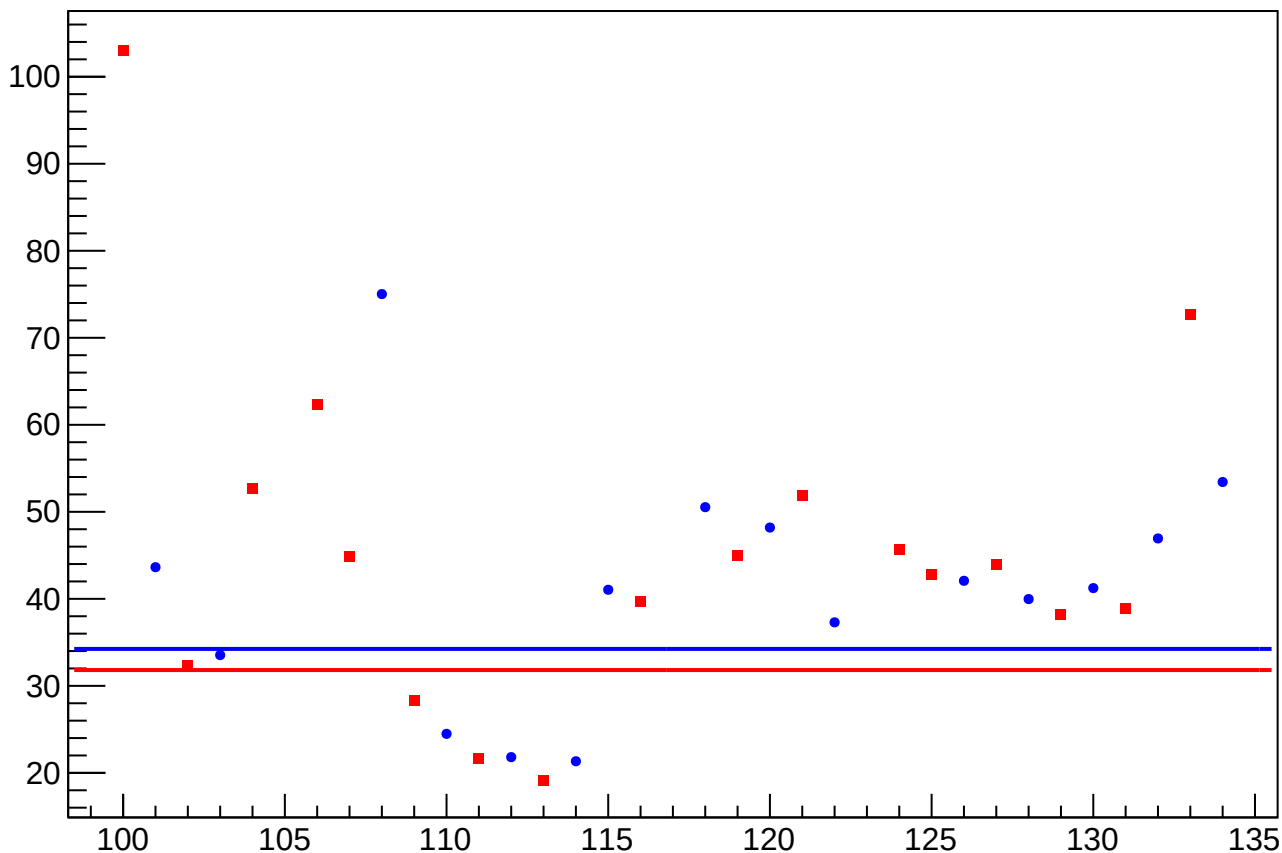
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.023 $\pm$ 0.010 χ^2 /NDF: 29.1/31

- 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: 31.818+/-0.010 χ^2/NDF : 1642329.9/16

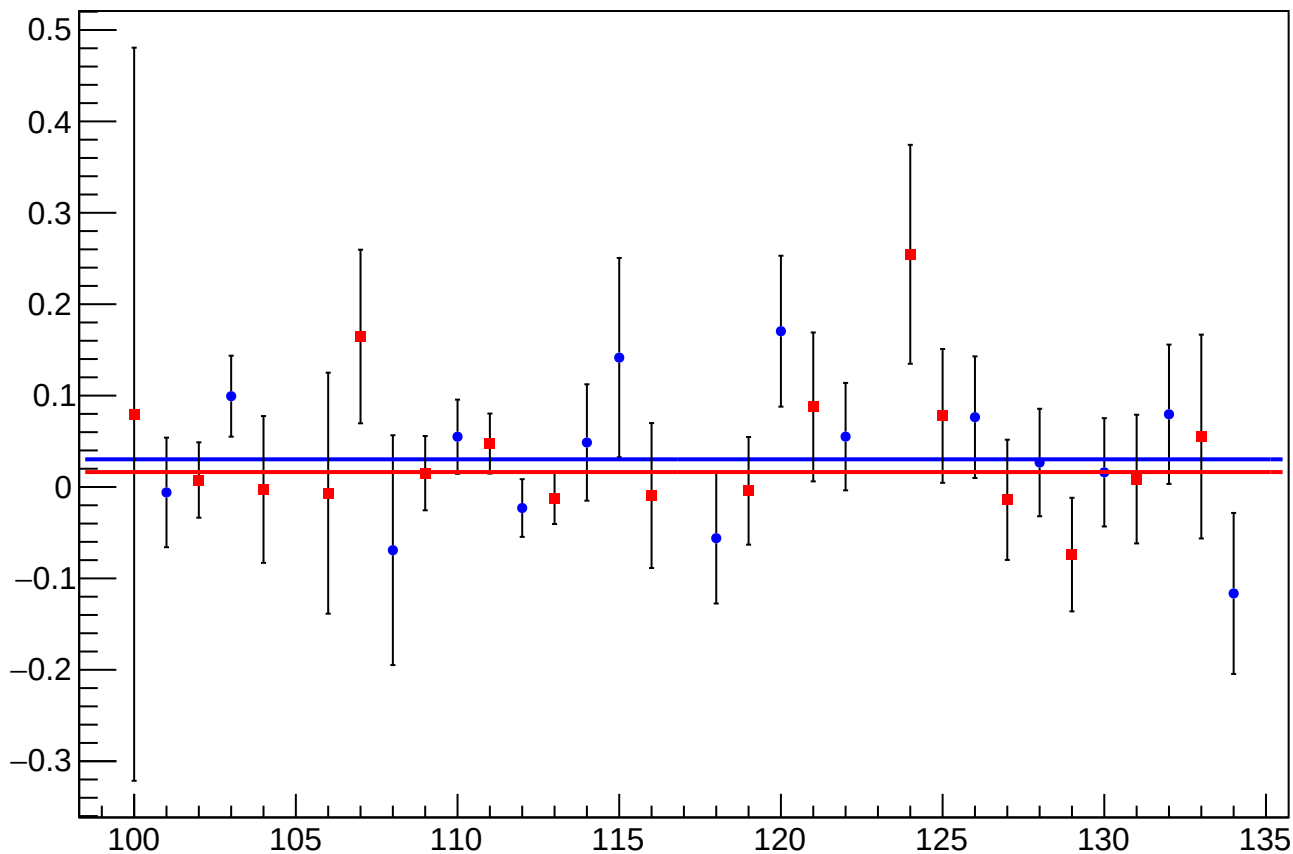
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.933+/-0.007 χ^2/NDF : 2838775.8/31

- 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: 0.016 $\pm$ 0.014 χ^2 /NDF: 12.6/16

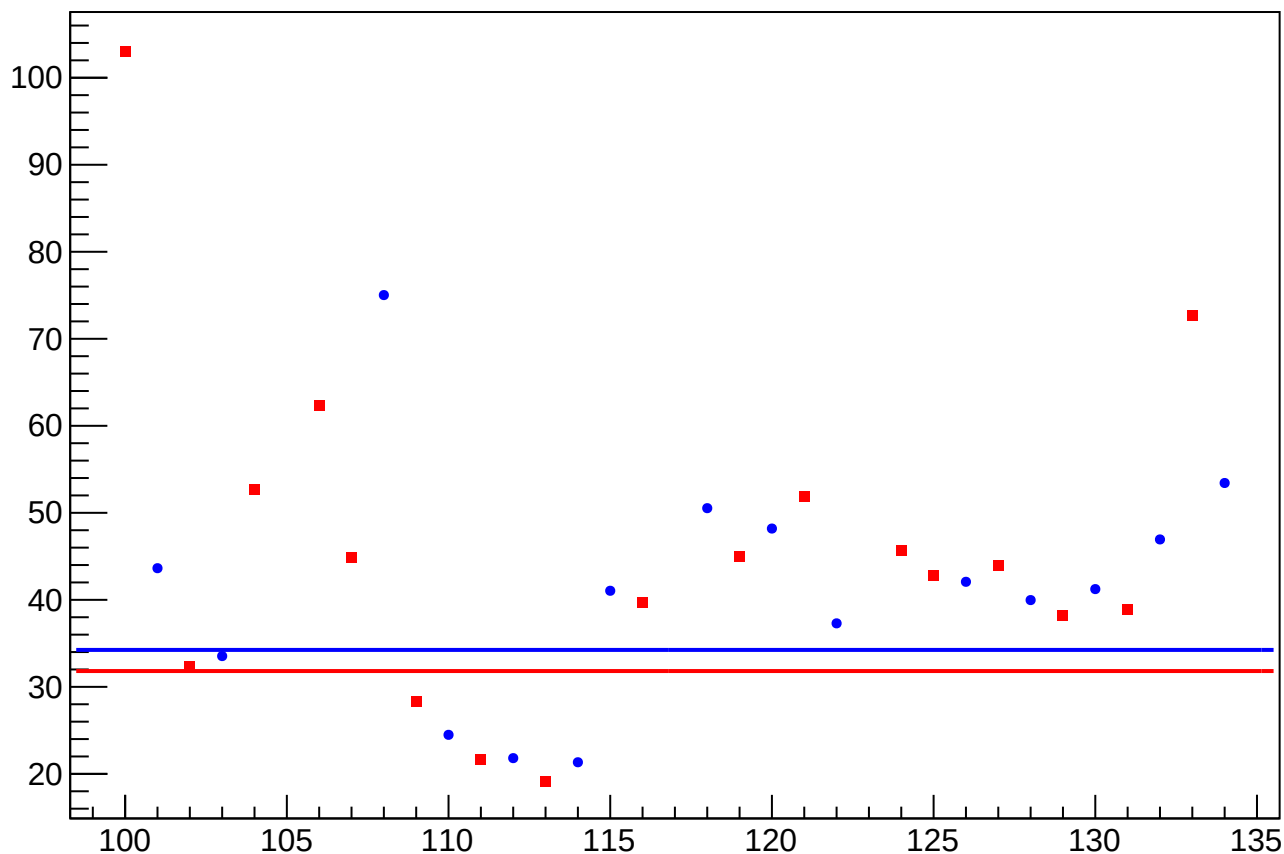
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.023 $\pm$ 0.010 χ^2 /NDF: 29.1/31

- 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 $\pm$ 0.011 χ^2 /NDF: 1167597.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 31.818 $\pm$ 0.010 χ^2 /NDF: 1642329.9/16

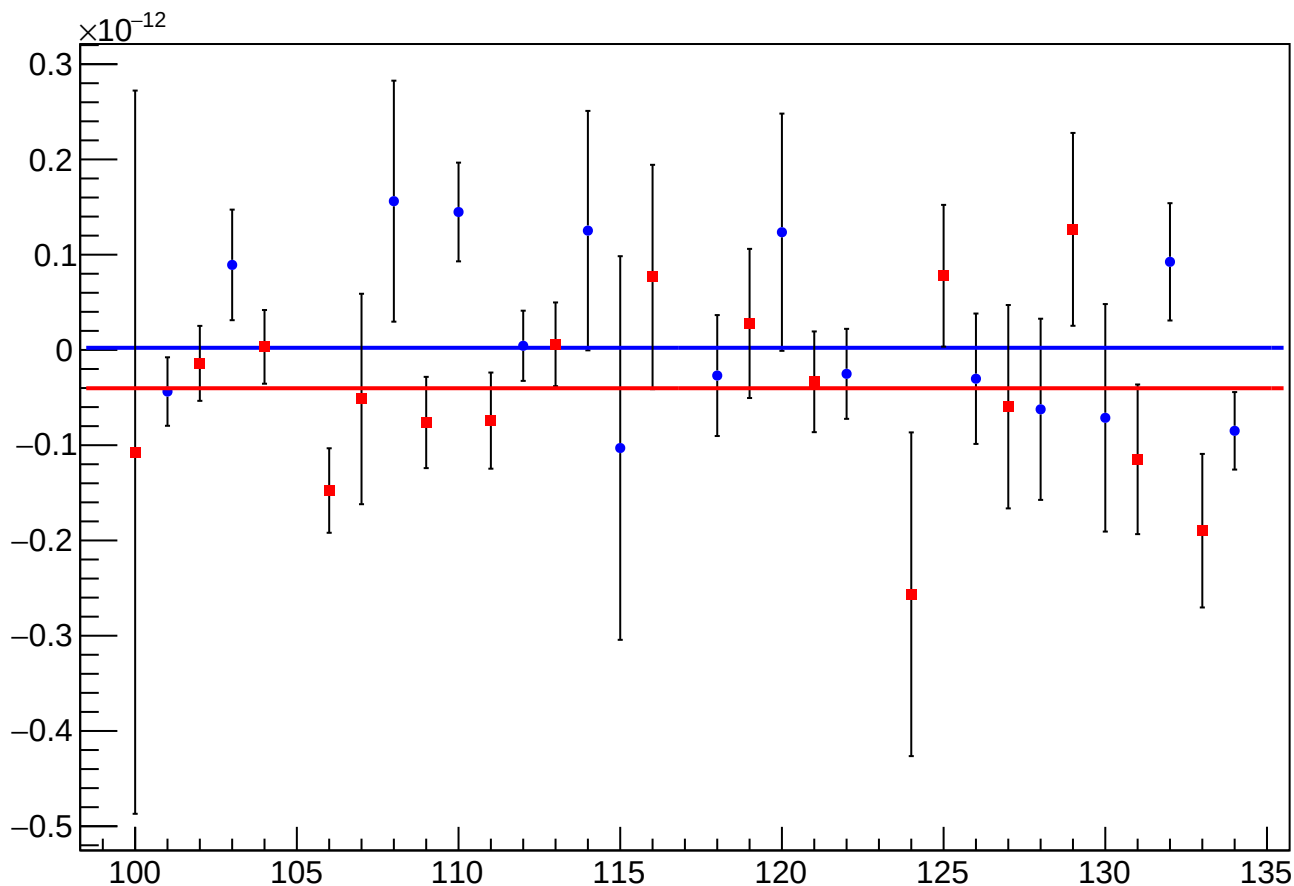
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.933 $\pm$ 0.007 χ^2 /NDF: 2838775.8/31

- sign 0.000 $\pm$ 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: 22.7/16

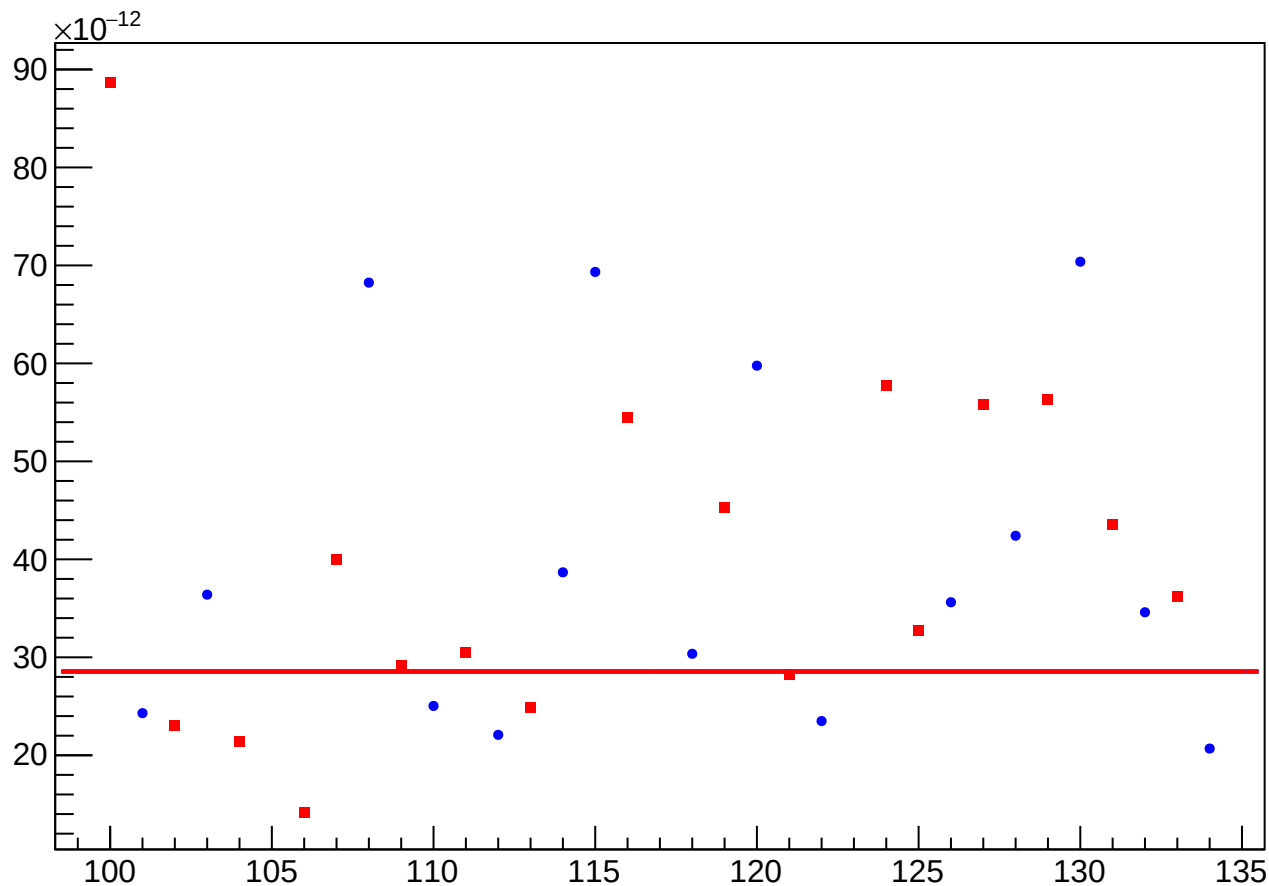
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 50.2/31

- 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 : 1033305.8/16

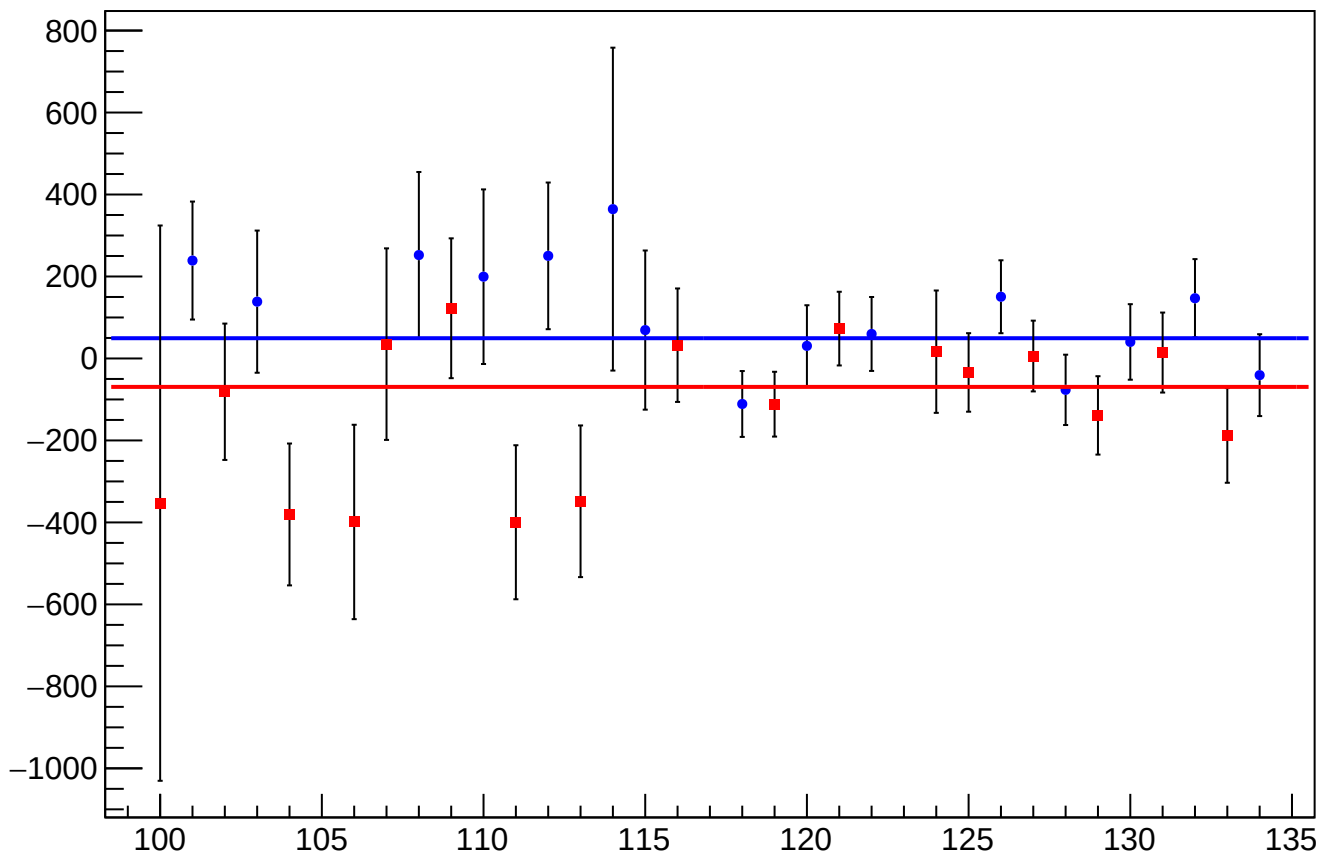
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2013915.6/31

- 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: -69.380+/-29.973 χ^2/NDF : 19.0/16

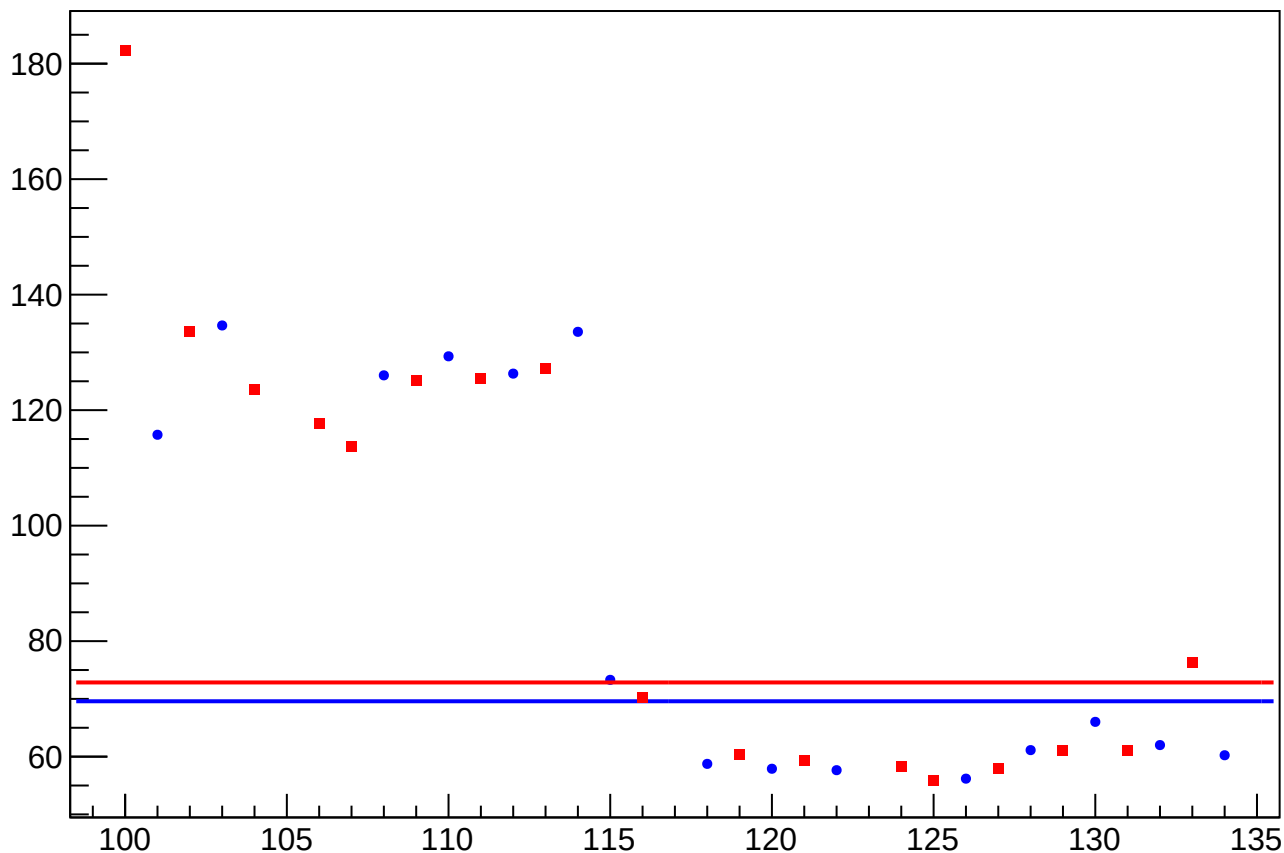
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.726+/-20.967 χ^2/NDF : 41.8/31

- 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: 72.847+/-0.021 χ^2/NDF : 1438643.8/16

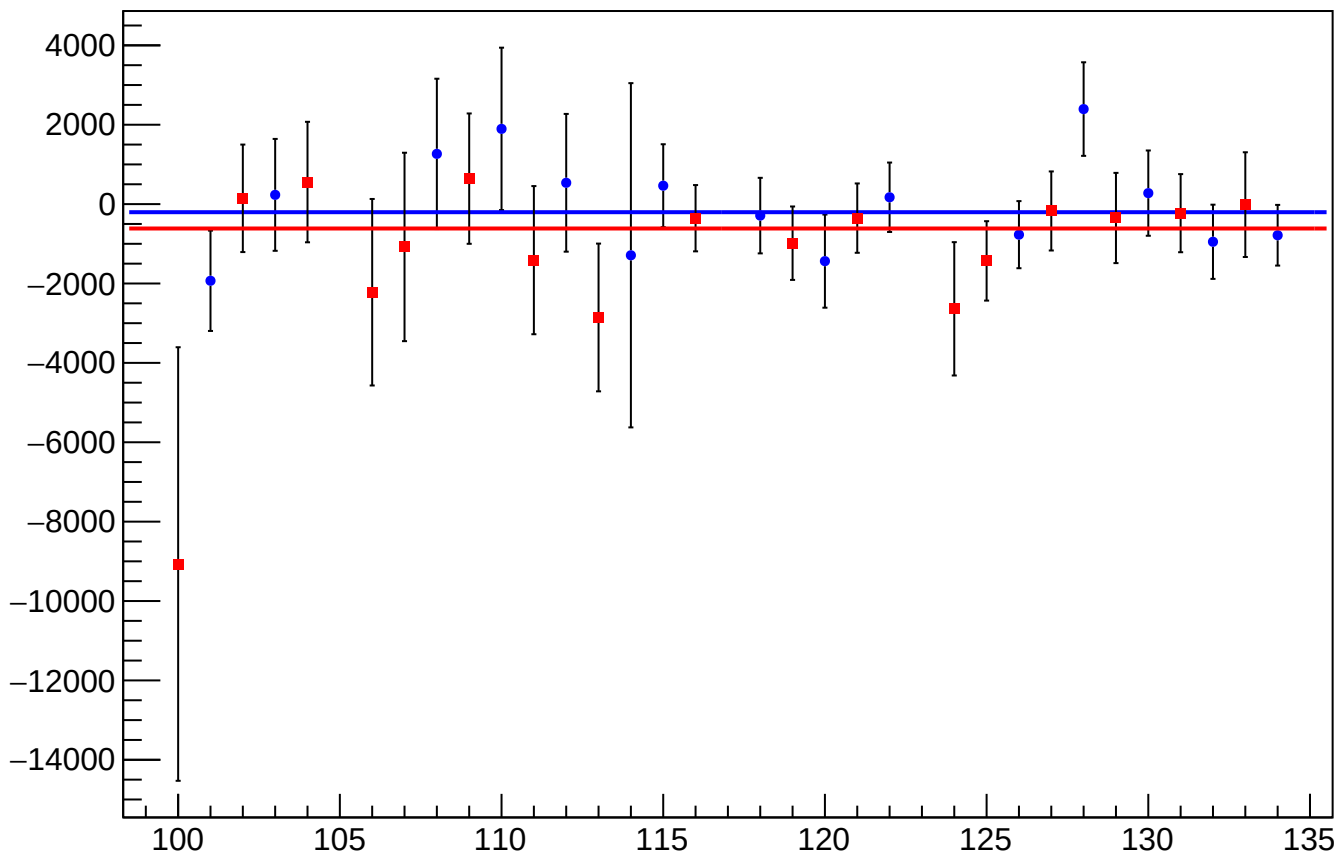
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.183+/-0.015 χ^2/NDF : 2702003.9/31

- 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: -614.525 $\pm$ 301.854 χ^2 /NDF: 9.1/16

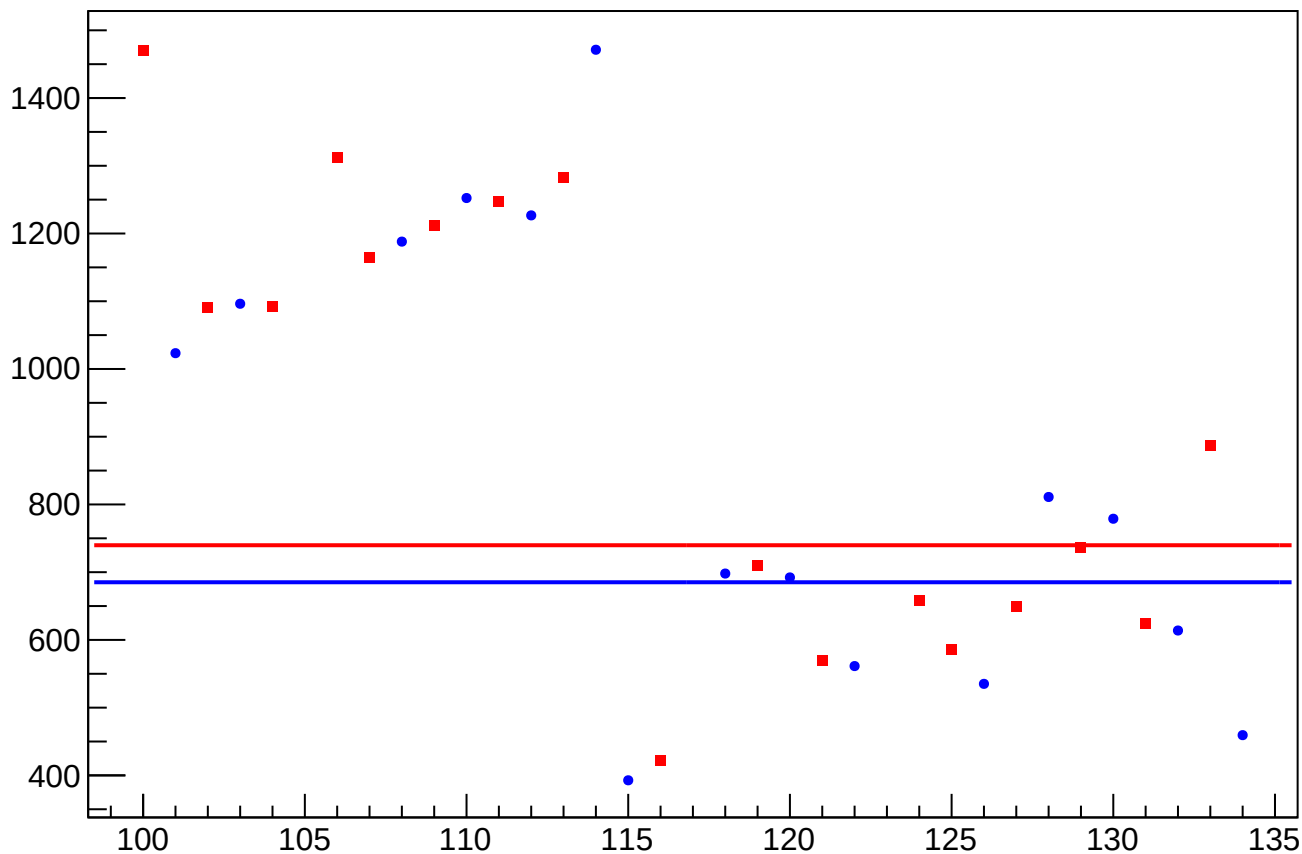
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -400.553 $\pm$ 208.959 χ^2 /NDF: 22.4/31

- 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: 739.778+/-0.213 χ^2/NDF : 1433304.1/16

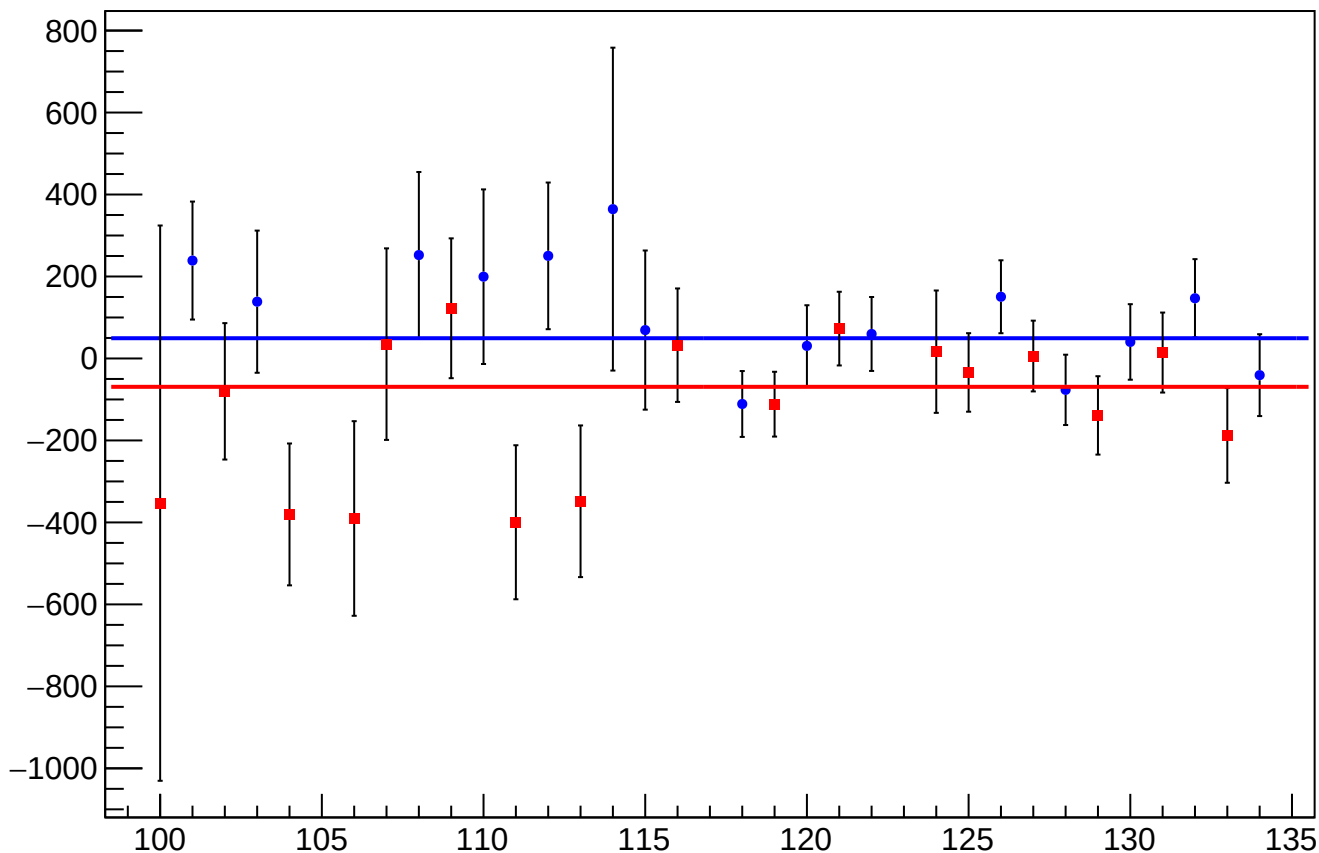
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 711.314+/-0.148 χ^2/NDF : 2820368.5/31

- 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: -69.192+/-29.975 χ^2/NDF : 18.9/16

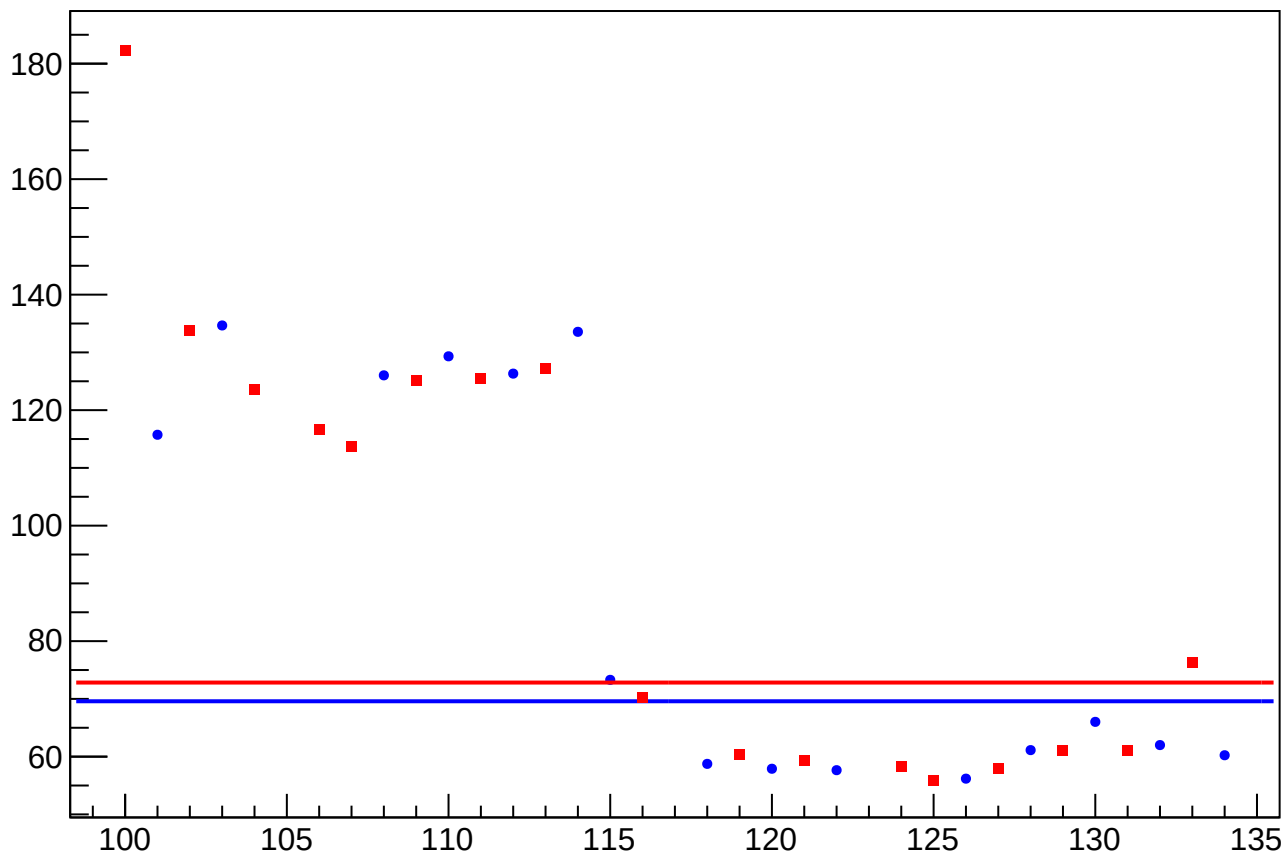
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.636+/-20.968 χ^2/NDF : 41.7/31

- 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: 72.829+/-0.021 χ^2 /NDF: 1435633.0/16

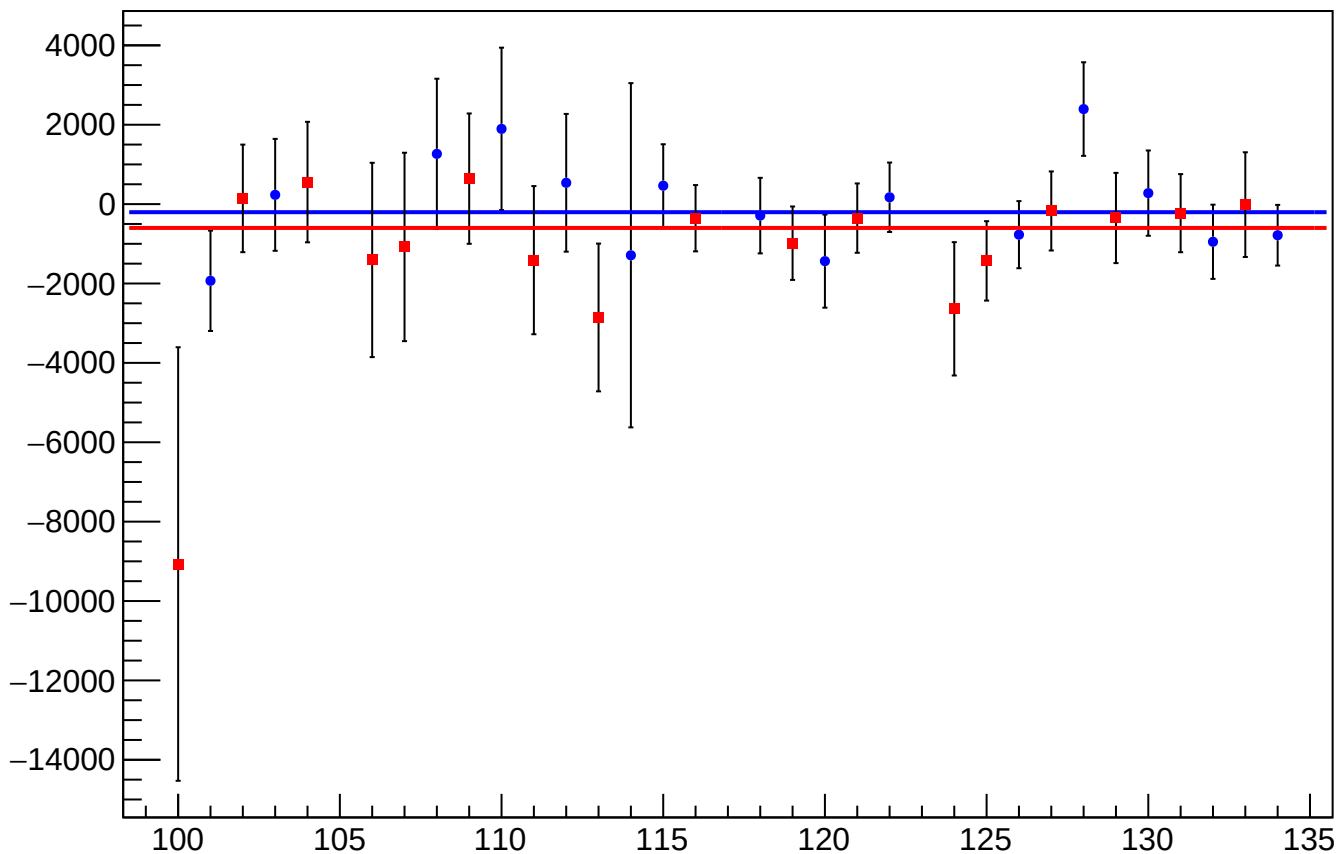
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 71.175+/-0.015 χ^2 /NDF: 2698864.9/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_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: -600.220+/-302.061 χ^2/NDF : 8.7/16

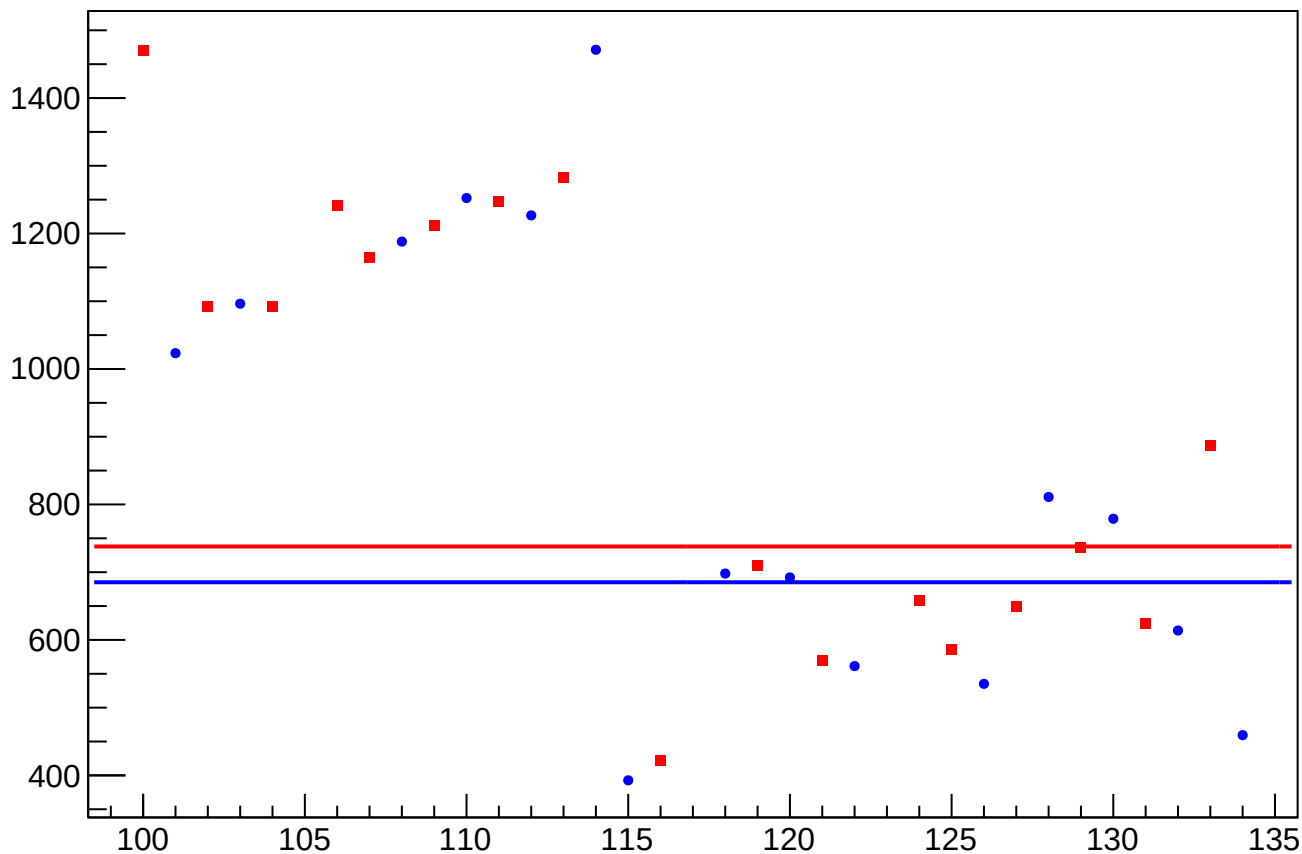
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -393.549+/-209.028 χ^2/NDF : 21.9/31

- sign 0.000+/-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: 737.951+/-0.214 χ^2/NDF : 1398469.4/16

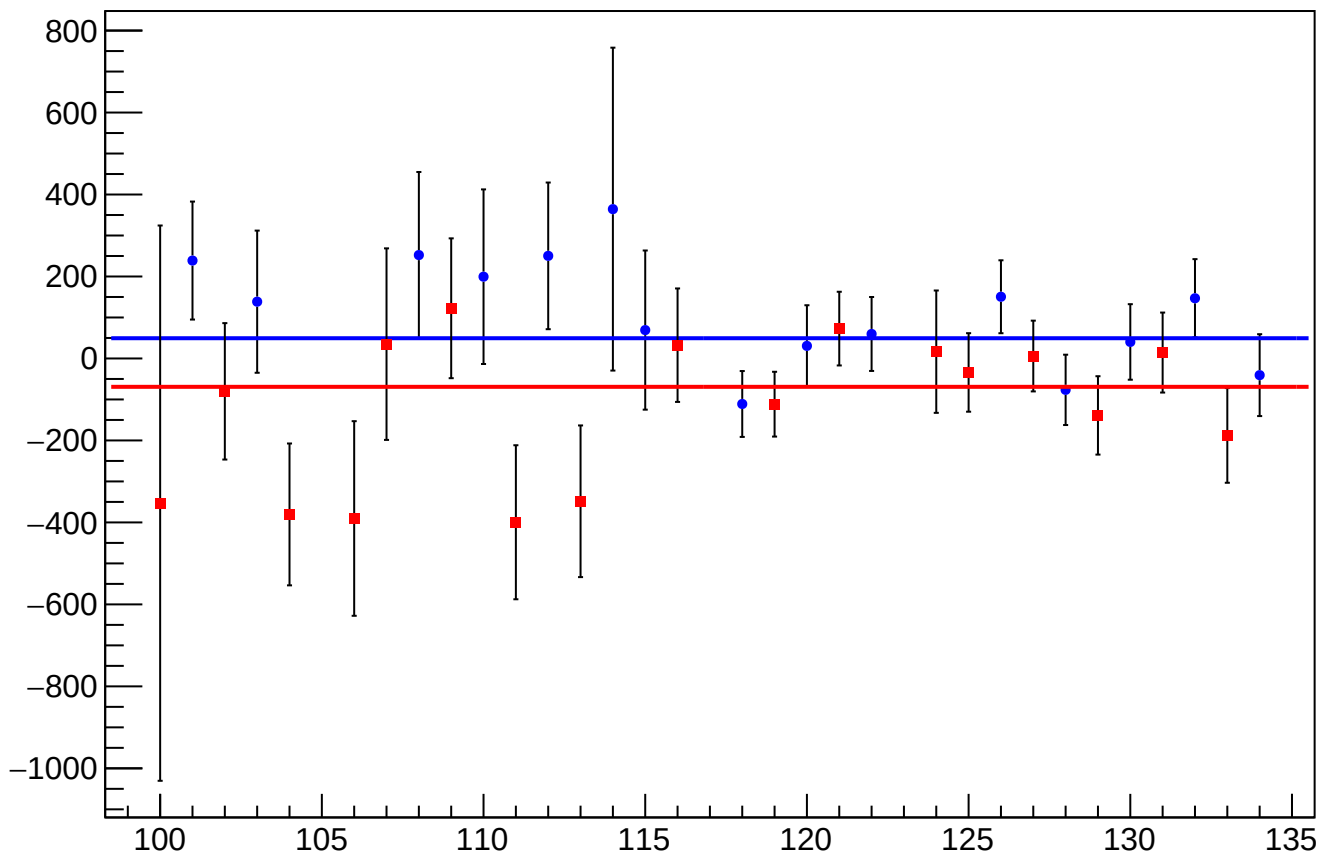
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 710.420+/-0.148 χ^2/NDF : 2783302.3/31

- 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: -69.192 $\pm$ 29.975 χ^2 /NDF: 18.9/16

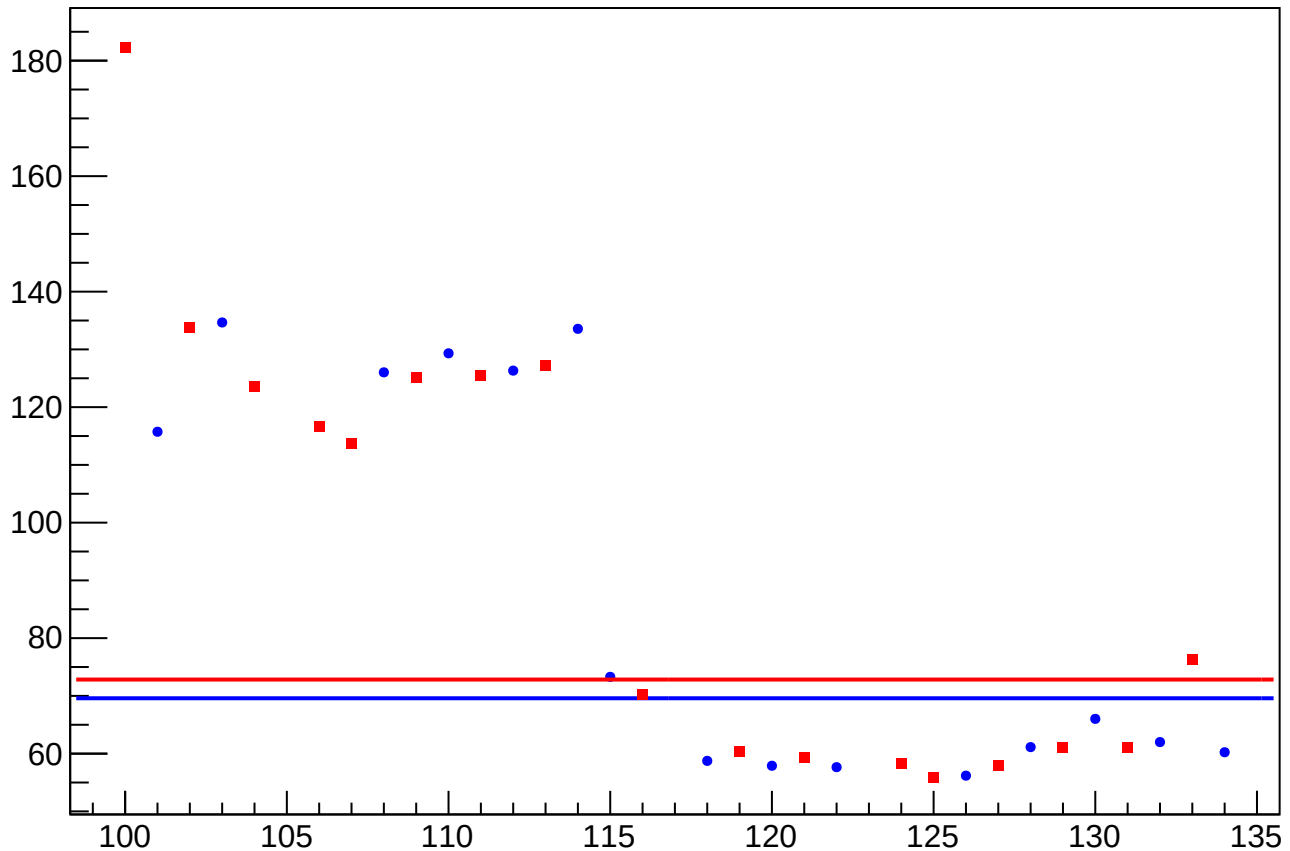
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -8.636 $\pm$ 20.968 χ^2 /NDF: 41.7/31

- 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: 72.829+/-0.021 χ^2/NDF : 1435633.0/16

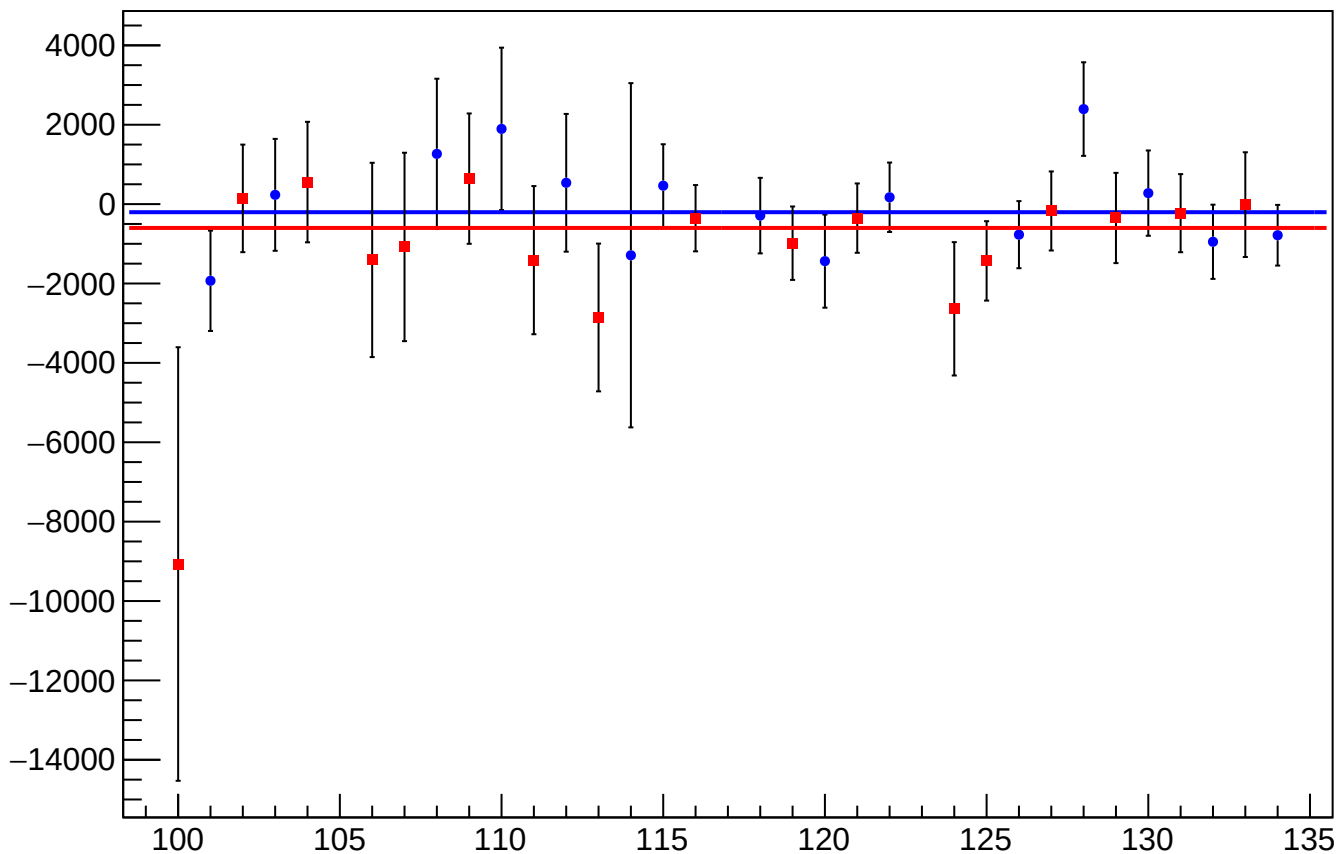
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.175+/-0.015 χ^2/NDF : 2698864.9/31

- 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: -600.220+/-302.061 χ^2 /NDF: 8.7/16

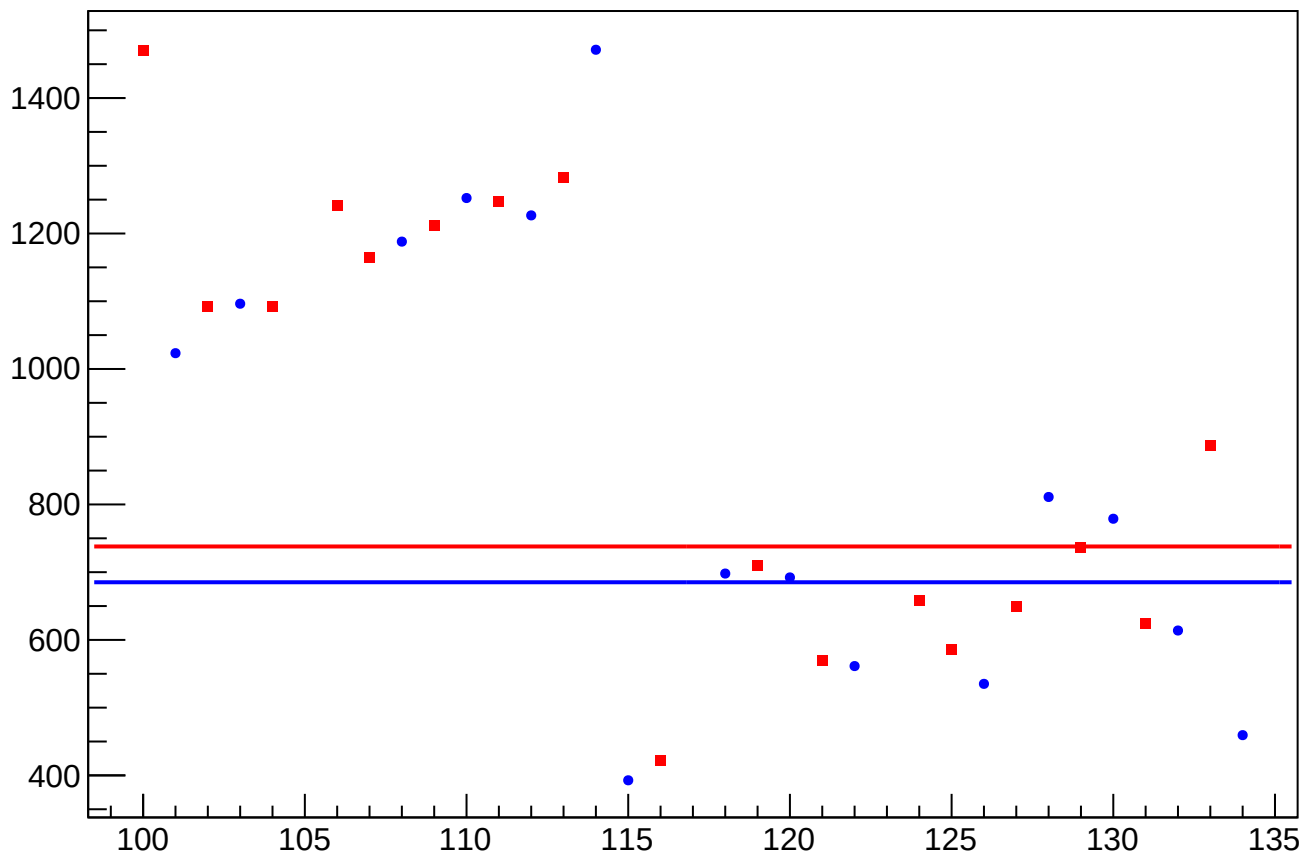
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -393.549+/-209.028 χ^2 /NDF: 21.9/31

- 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: 737.951 ± 0.214 χ^2/NDF : 1398469.4/16

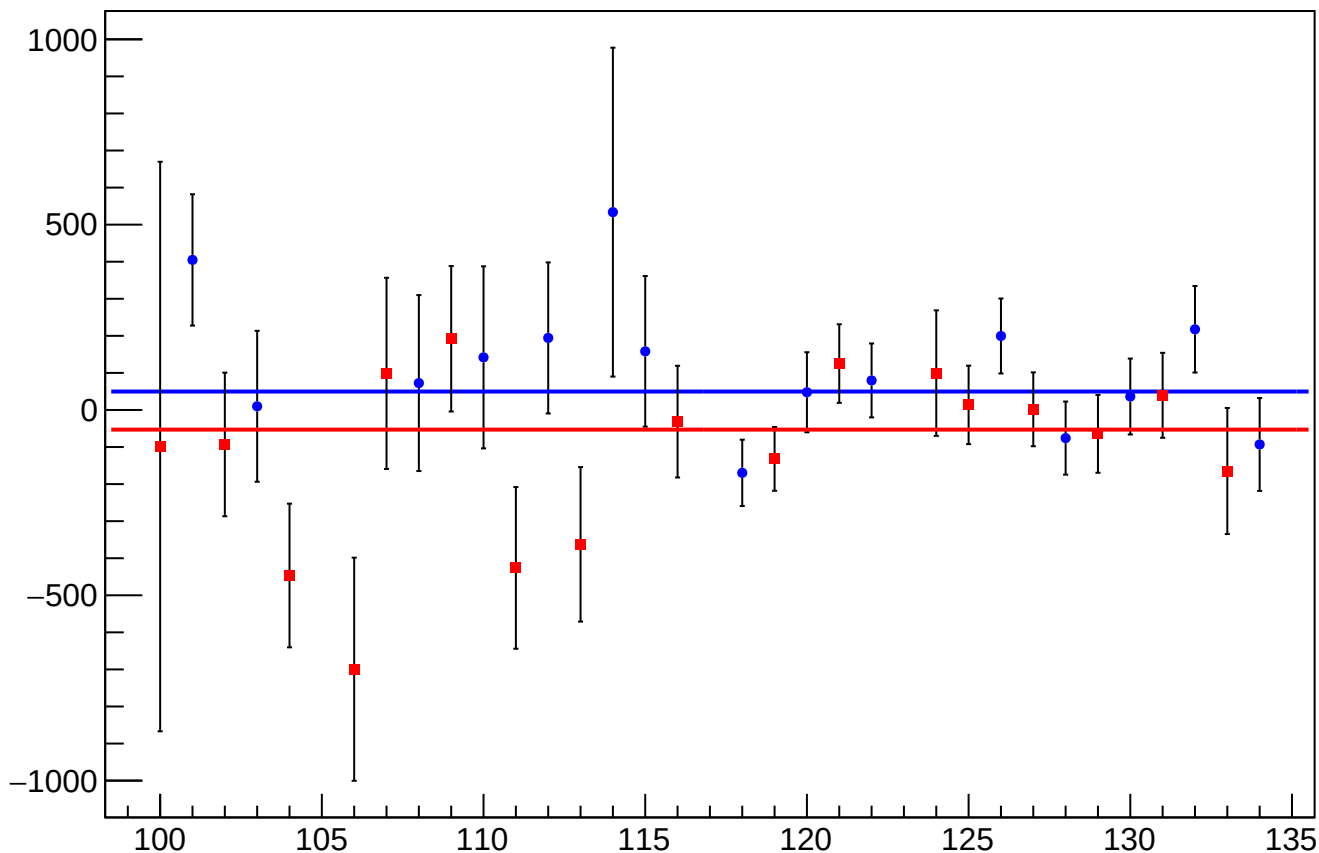
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 710.420 ± 0.148 χ^2/NDF : 2783302.3/31

- 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: -53.002 $\pm$ 34.388 χ^2 /NDF: 22.1/16

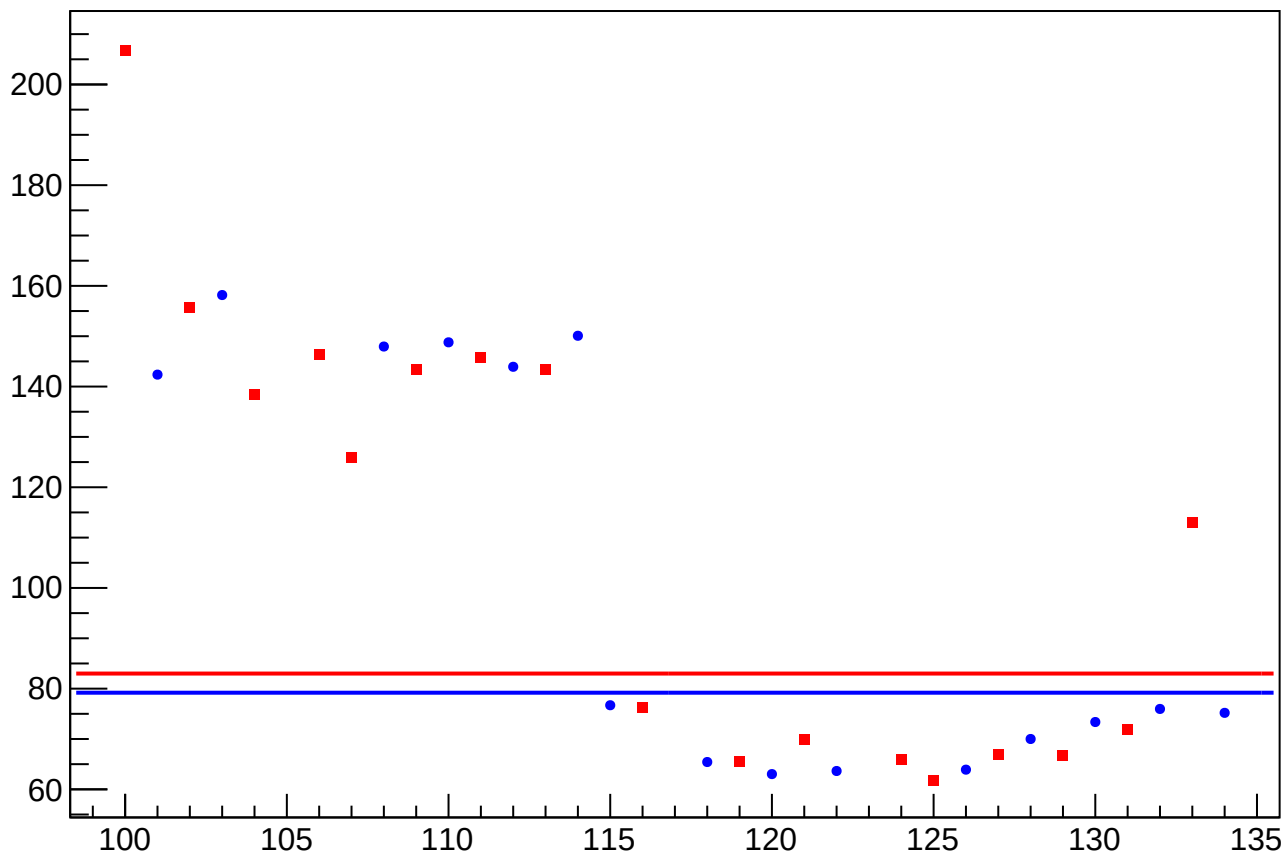
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.373 $\pm$ 24.019 χ^2 /NDF: 46.2/31

- 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: 82.997+/-0.024 χ^2/NDF : 1562554.6/16

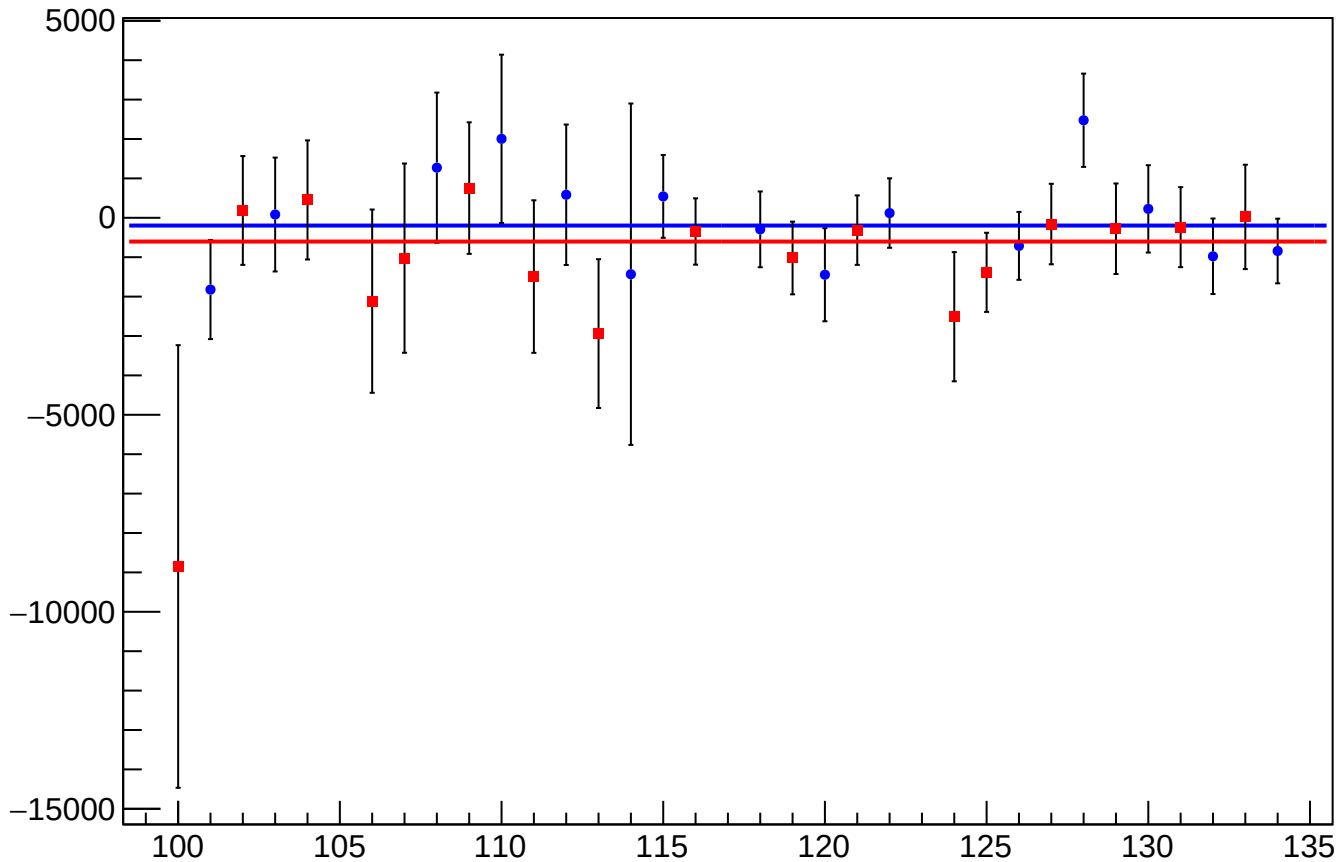
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.049+/-0.017 χ^2/NDF : 2925871.3/31

- 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: -603.066 ± 304.989 χ^2/NDF : 8.8/16

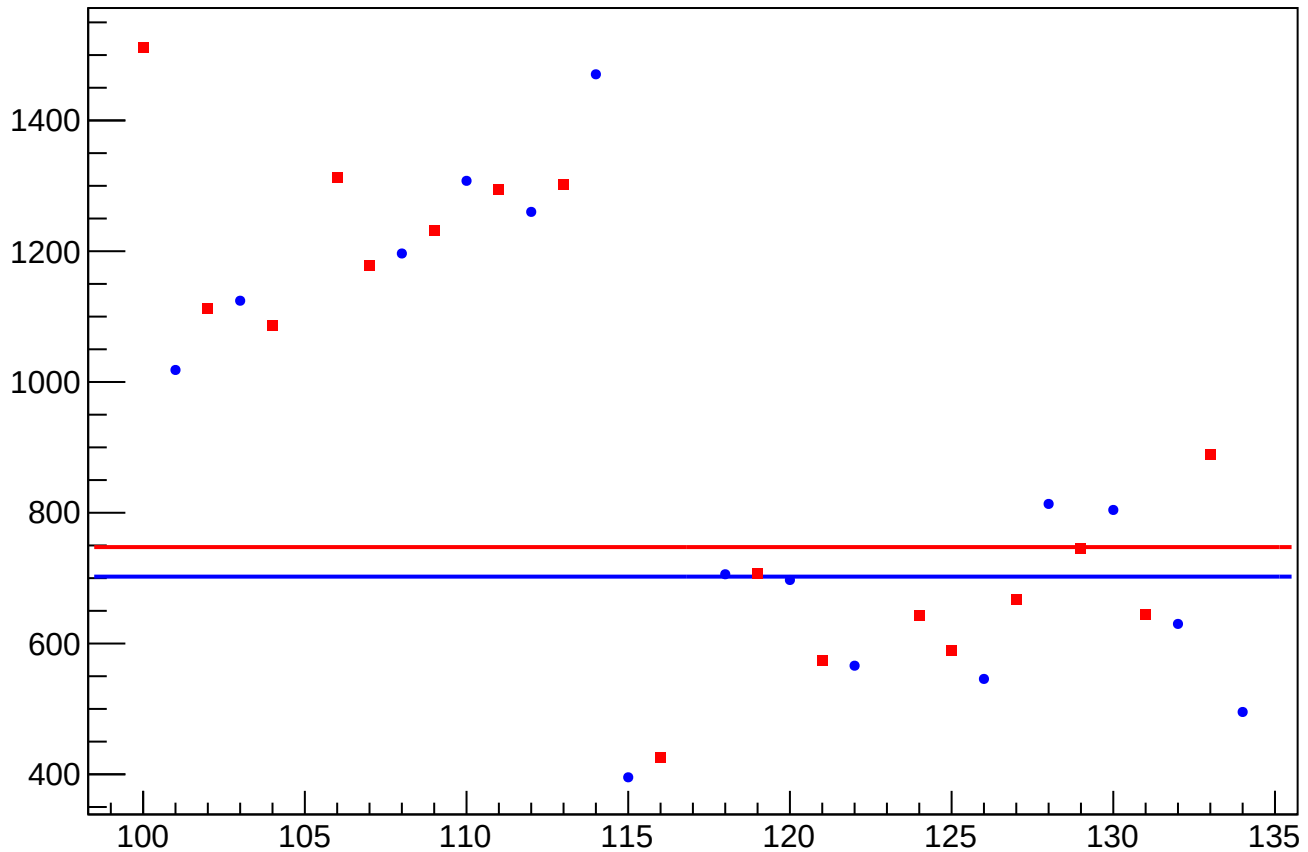
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -393.893 ± 212.430 χ^2/NDF : 22.0/31

- 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: 747.504+/-0.216 χ^2/NDF : 1448784.7/16

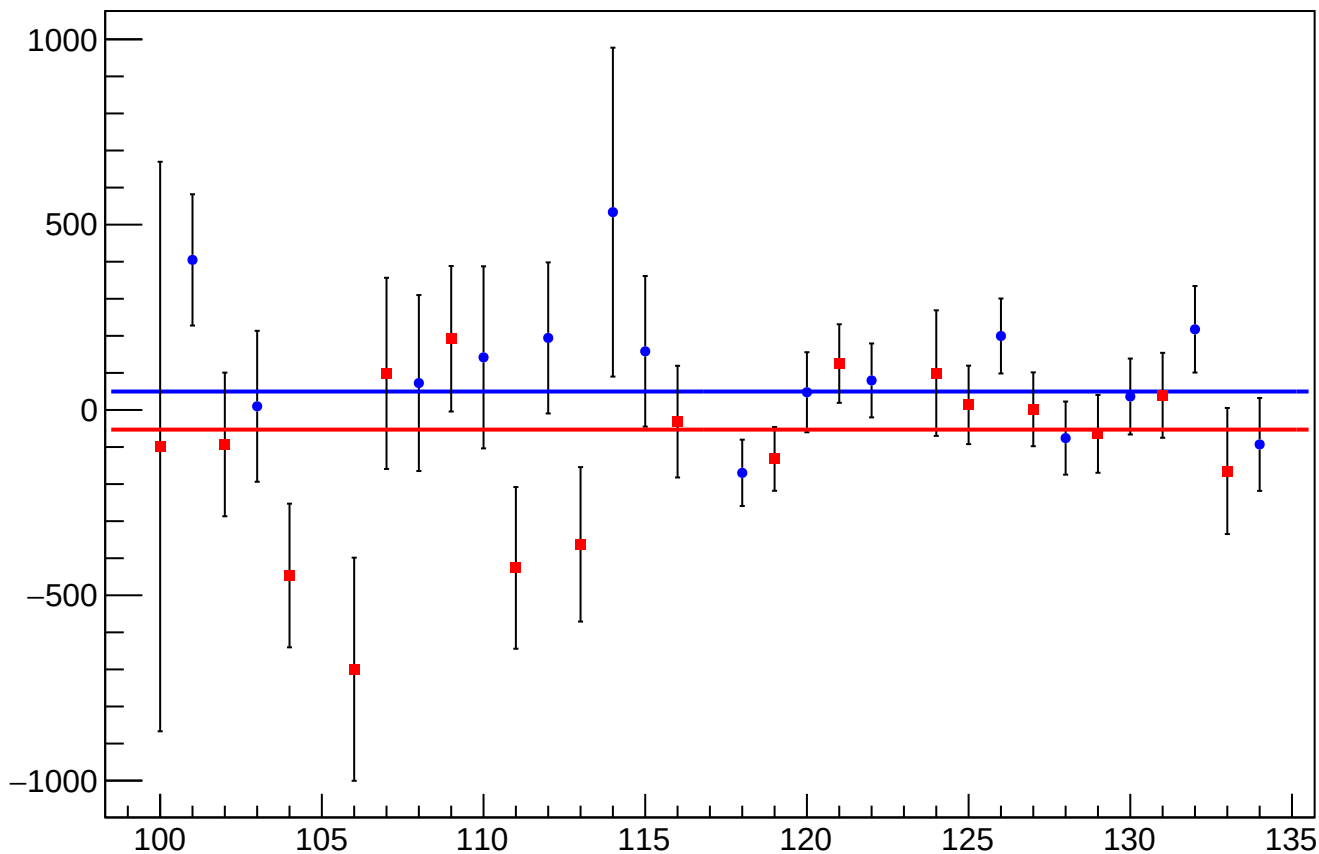
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 724.245+/-0.150 χ^2/NDF : 2779703.7/31

- 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: -53.002 $\pm$ 34.388 χ^2 /NDF: 22.1/16

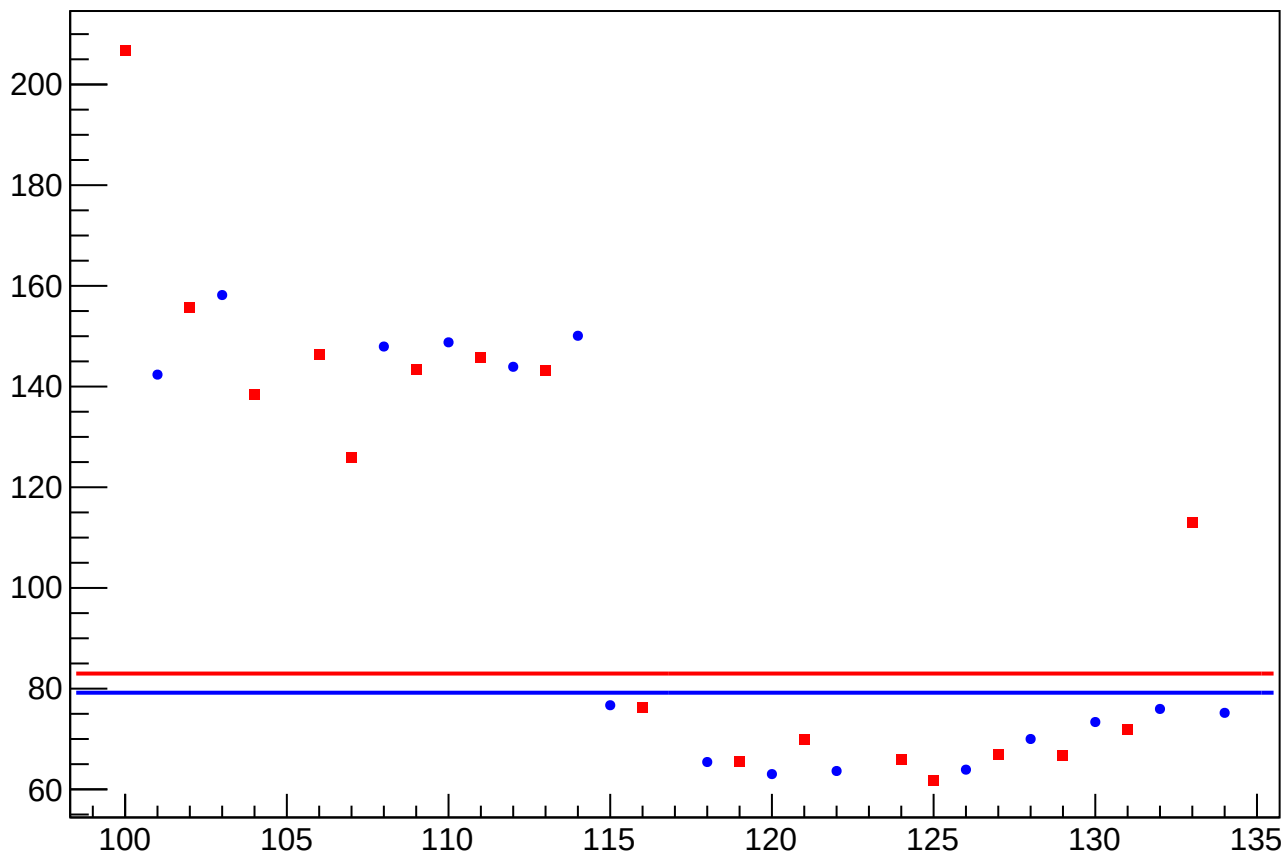
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.372 $\pm$ 24.019 χ^2 /NDF: 46.2/31

- 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: 82.997 $\pm$ 0.024 χ^2 /NDF: 1562555.1/16

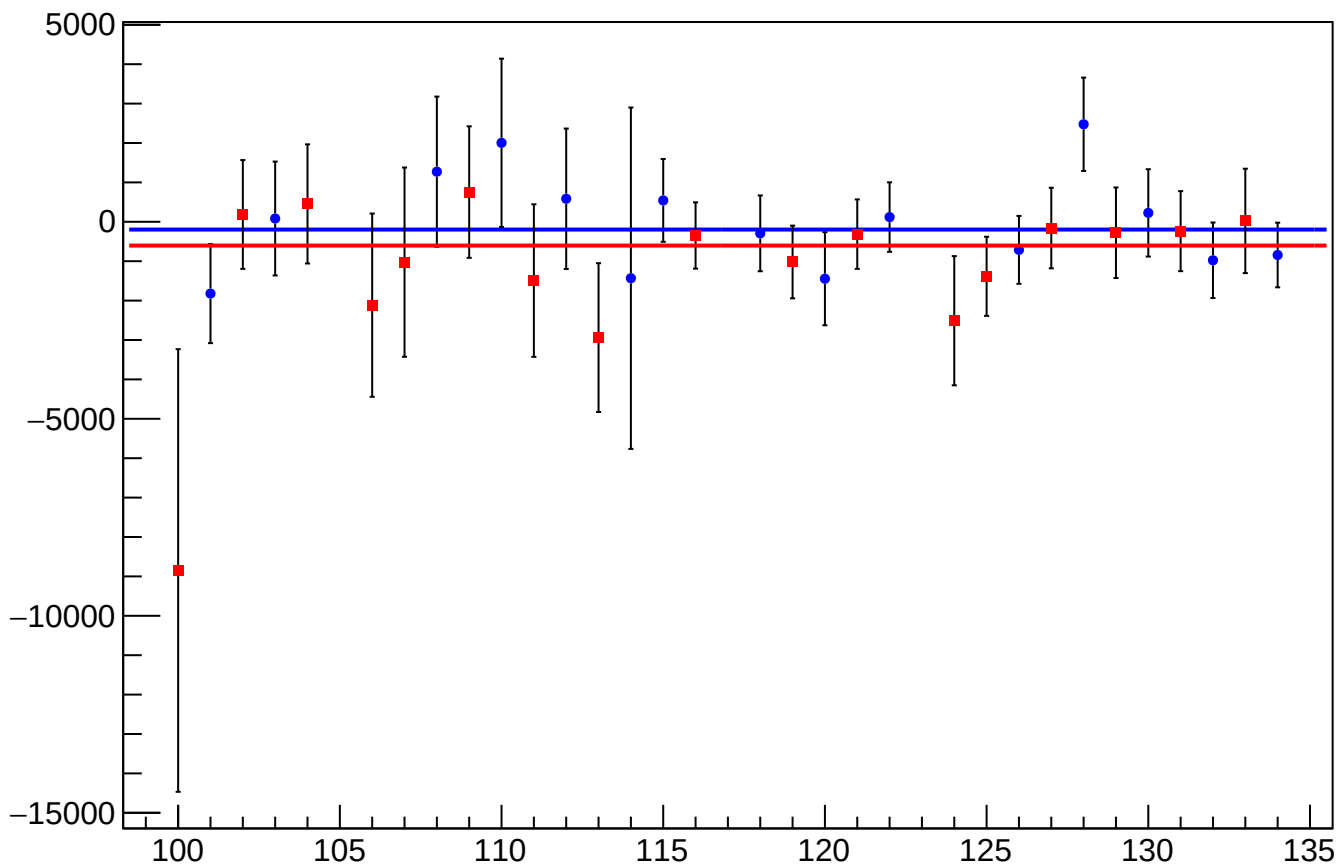
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 81.048 $\pm$ 0.017 χ^2 /NDF: 2925870.0/31

- 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: -603.064 ± 304.988 χ^2/NDF : 8.8/16

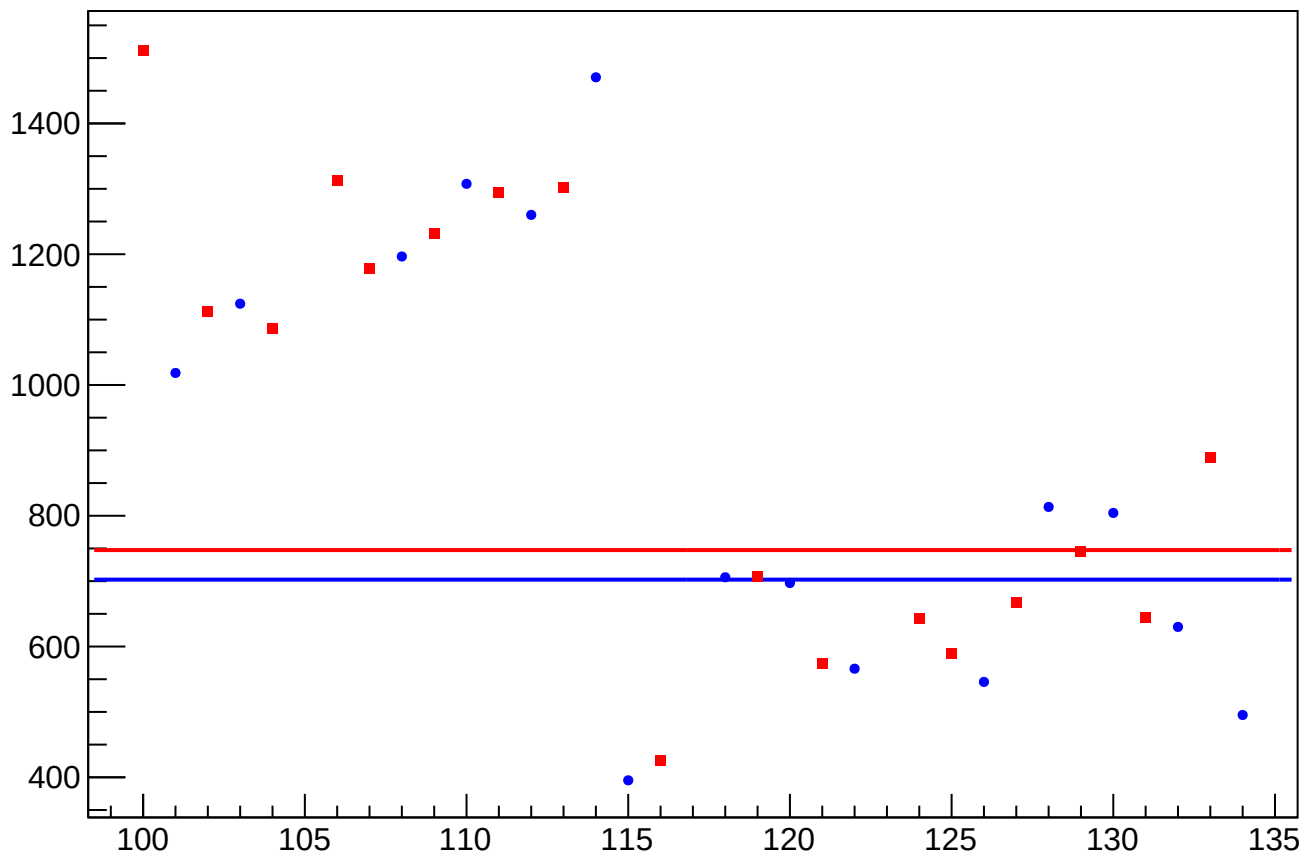
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -393.892 ± 212.429 χ^2/NDF : 22.0/31

- 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: 747.503+/-0.216 χ^2/NDF : 1448773.4/16

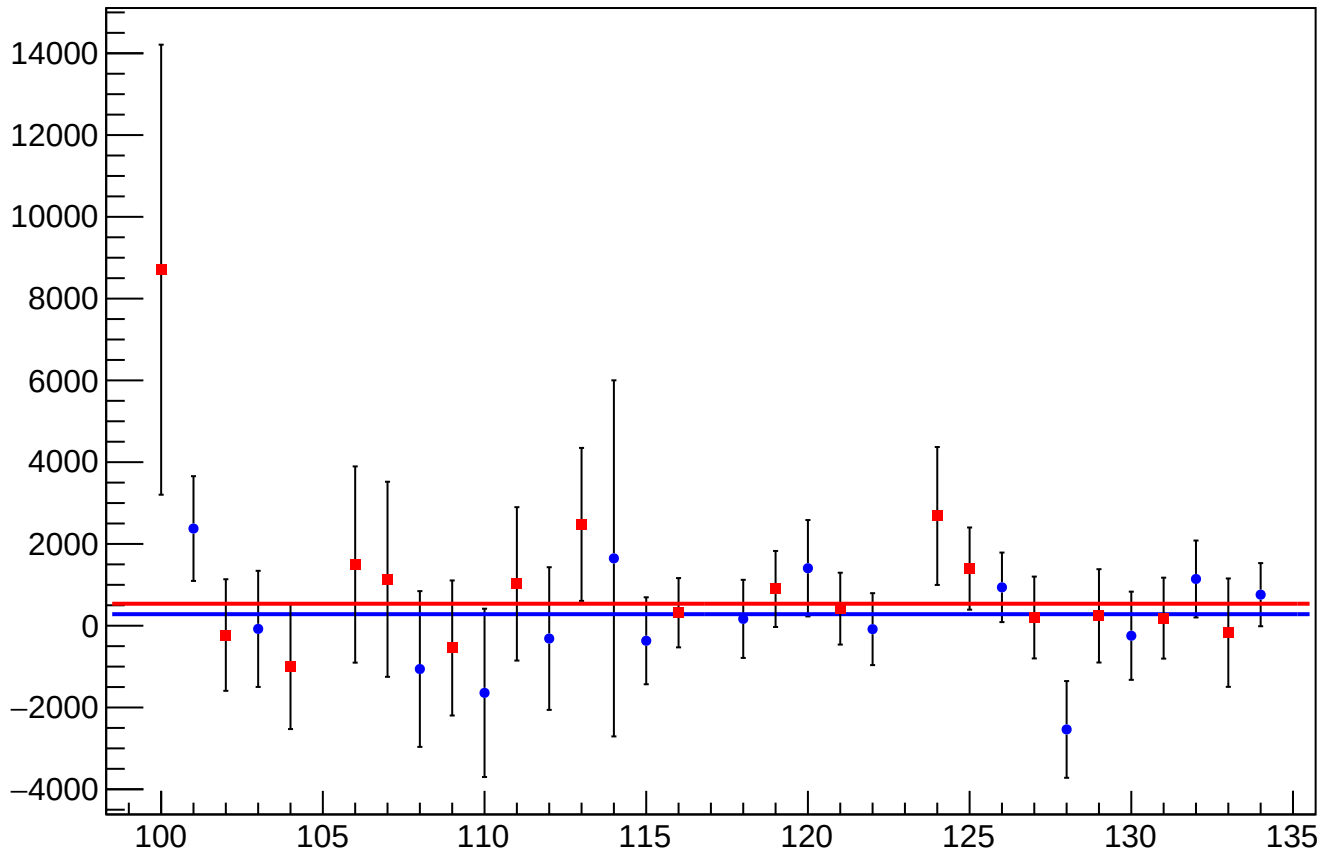
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 724.244+/-0.150 χ^2/NDF : 2779678.4/31

- 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: 537.788+/-303.916 χ^2/NDF : 8.5/16

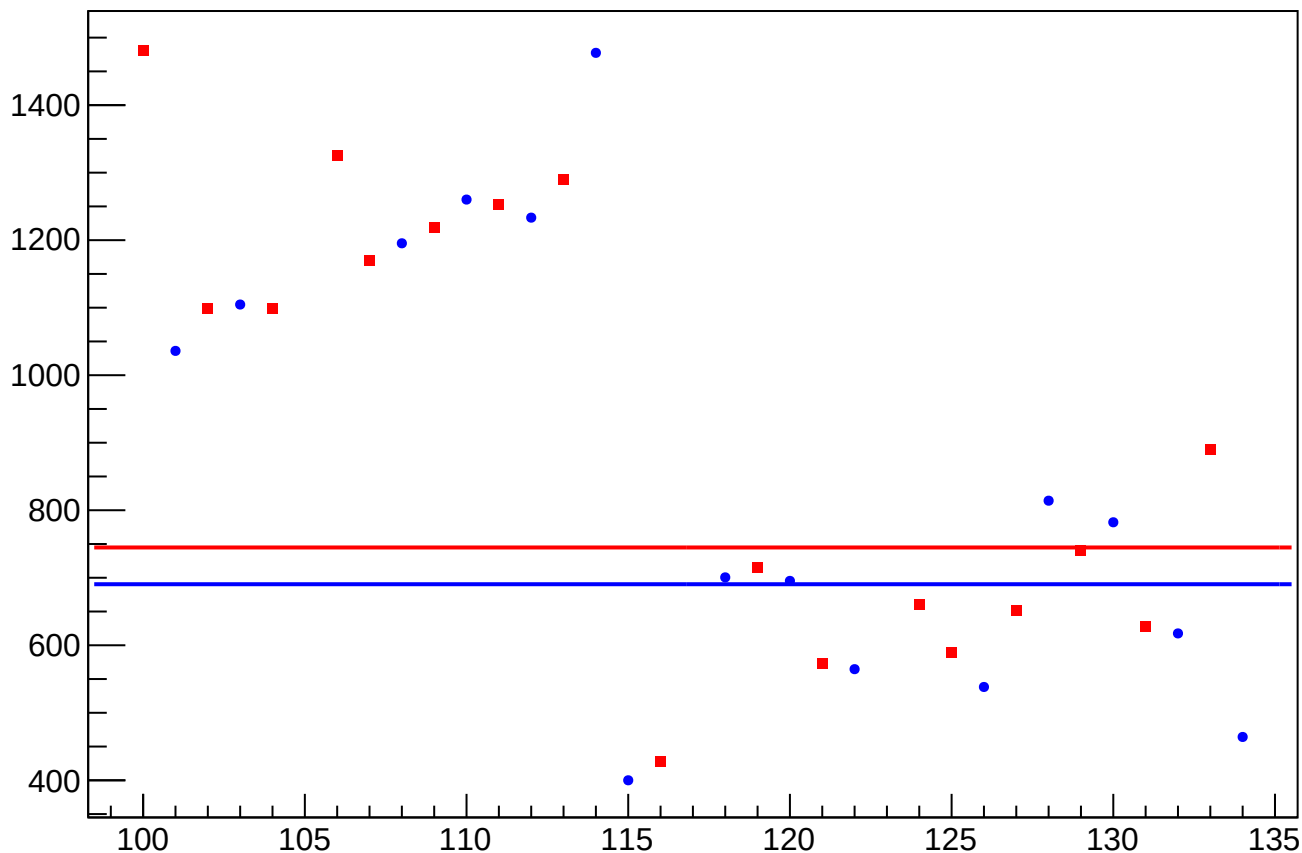
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 404.664+/-210.432 χ^2/NDF : 22.4/31

- 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: 744.854+/-0.215 χ^2/NDF : 1420581.7/16

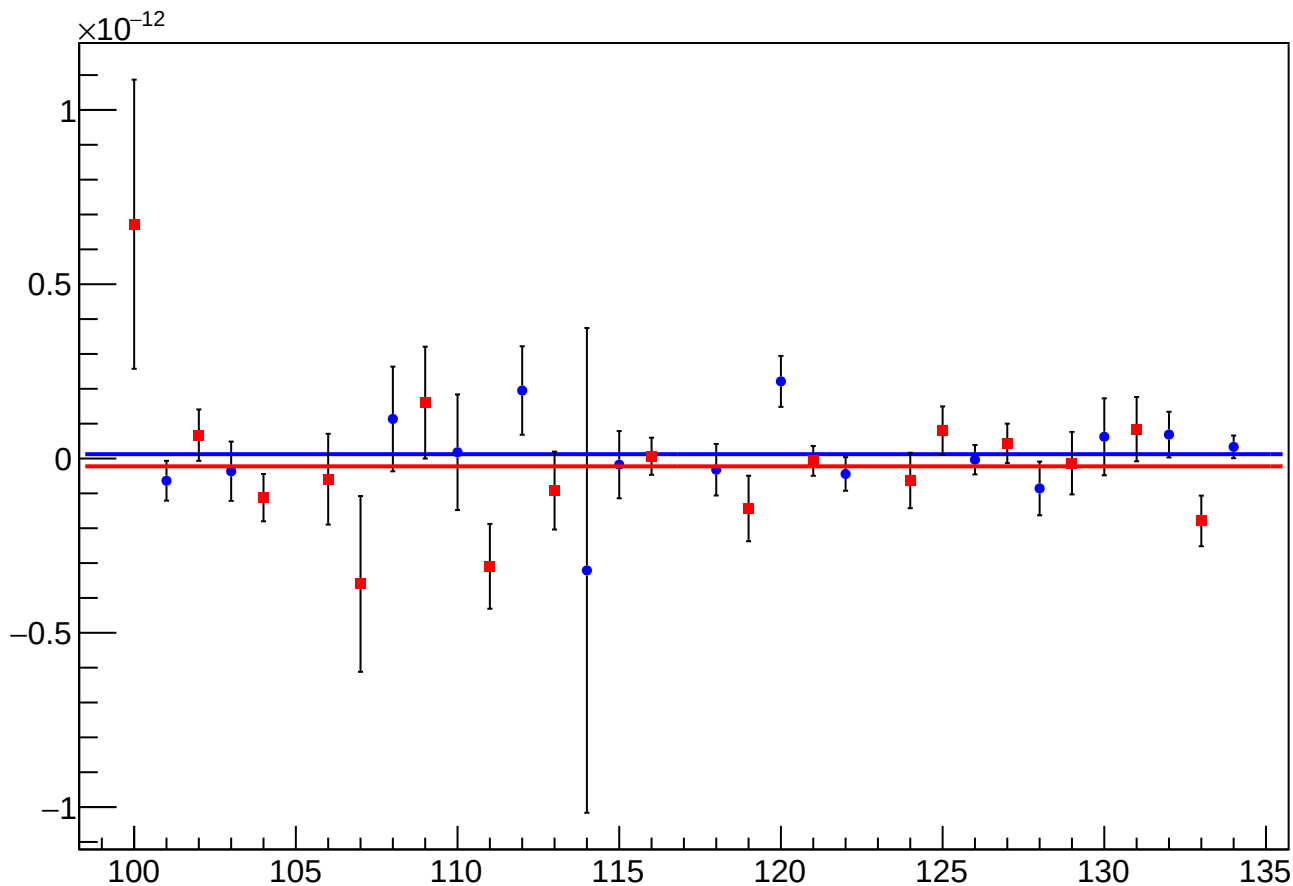
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 716.517+/-0.149 χ^2/NDF : 2796907.3/31

- 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 : 27.1/16

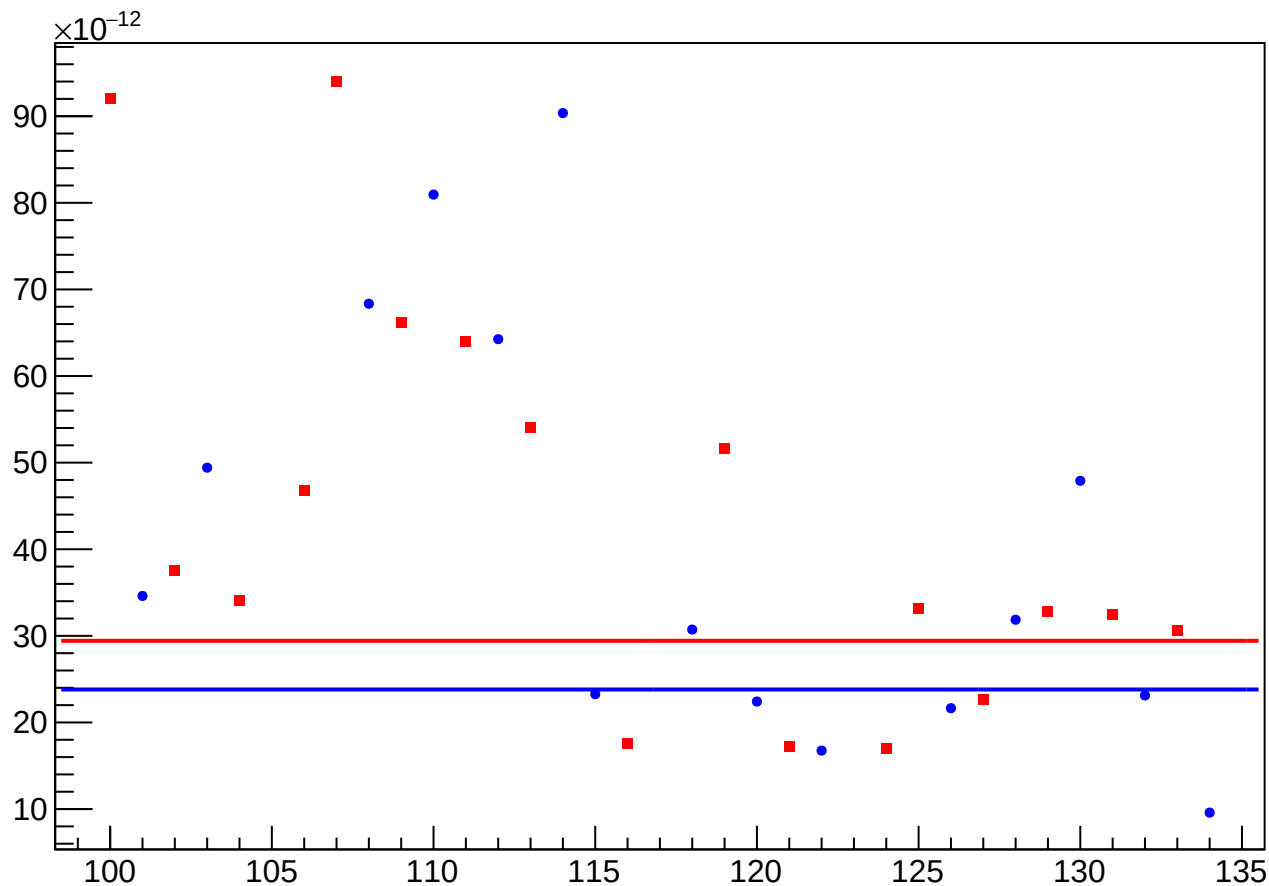
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 46.9/31

- 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+/-0.000 χ^2/NDF : 1453083.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1071936.8/16

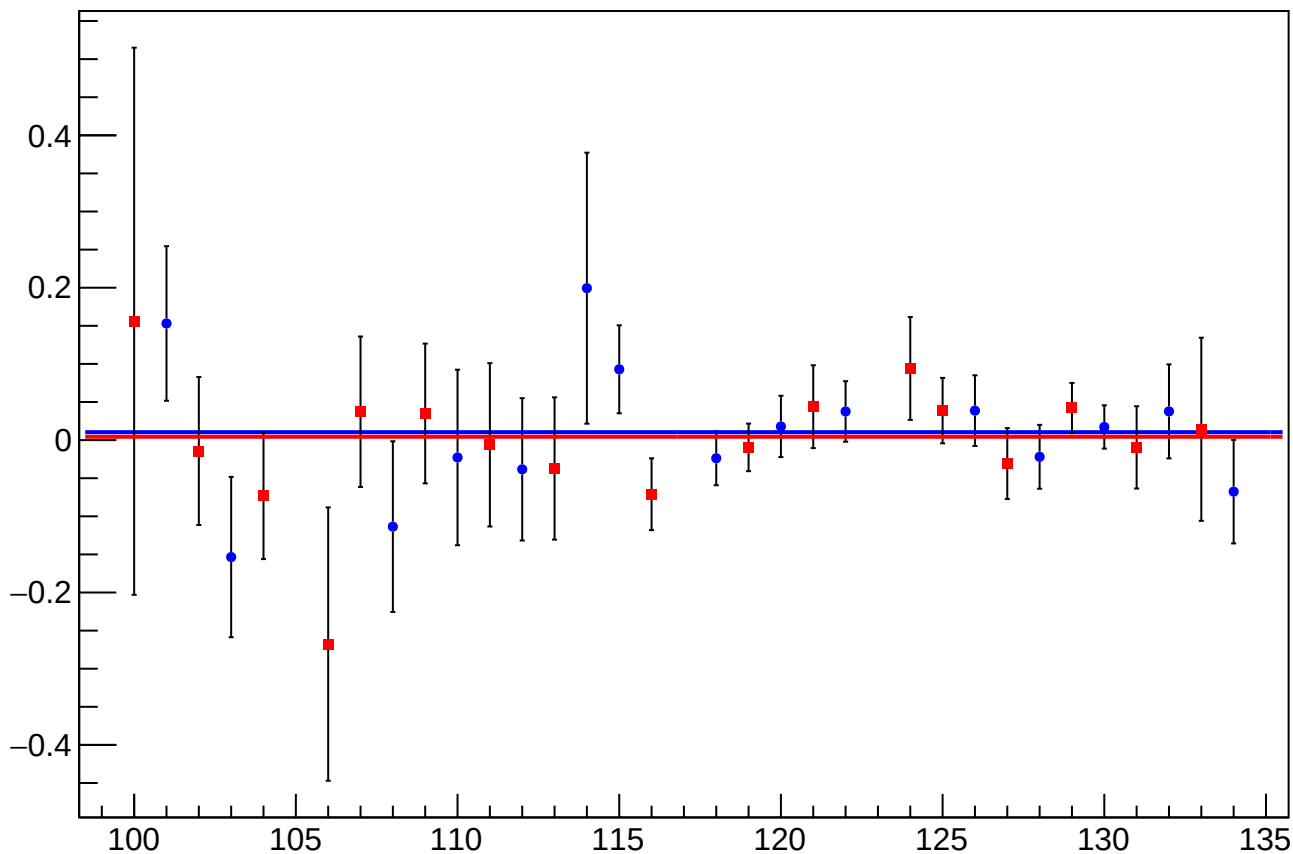
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2623001.3/31

- sign 0.000+/-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: 0.004 $\pm$ 0.014 χ^2 /NDF: 11.5/16

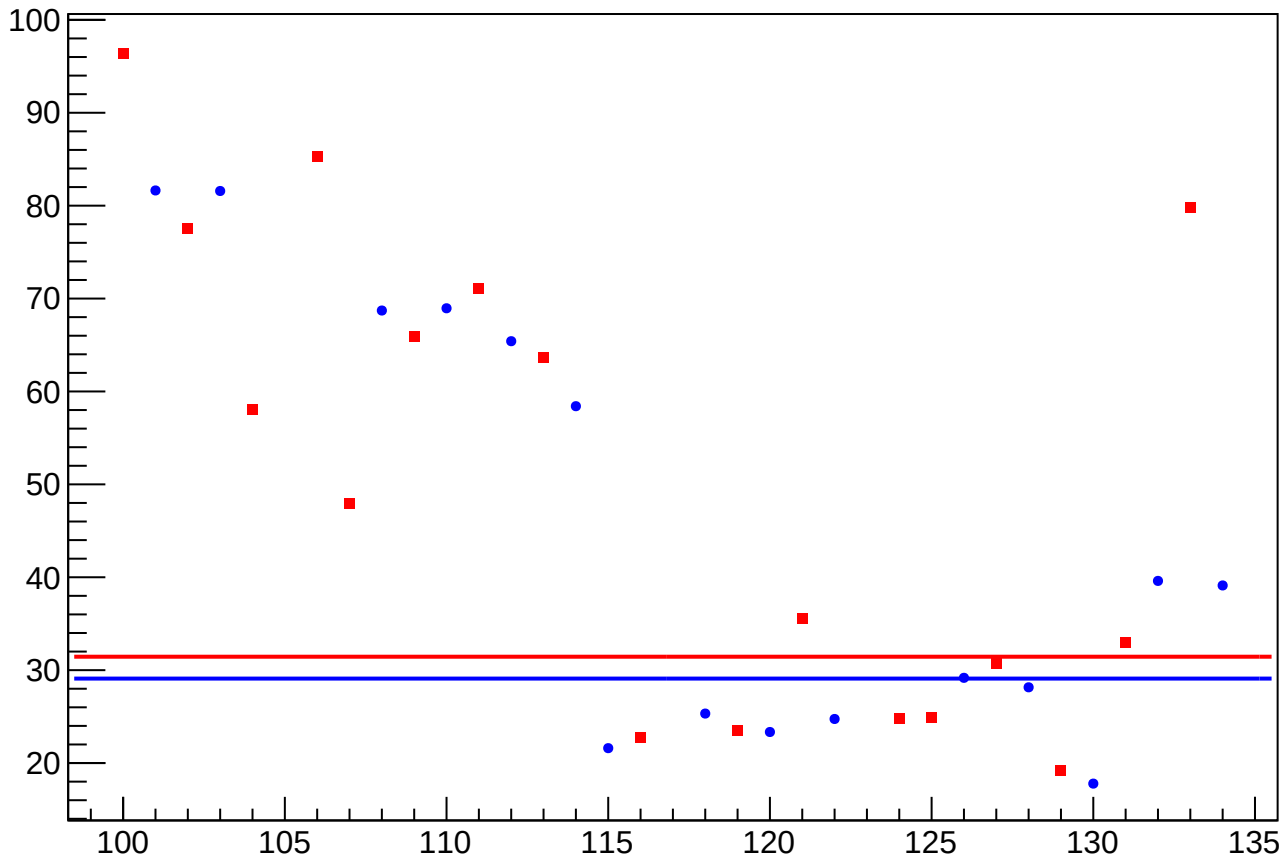
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.010 χ^2 /NDF: 24.8/31

- 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: 31.447+/-0.010 χ^2/NDF : 2639116.2/16

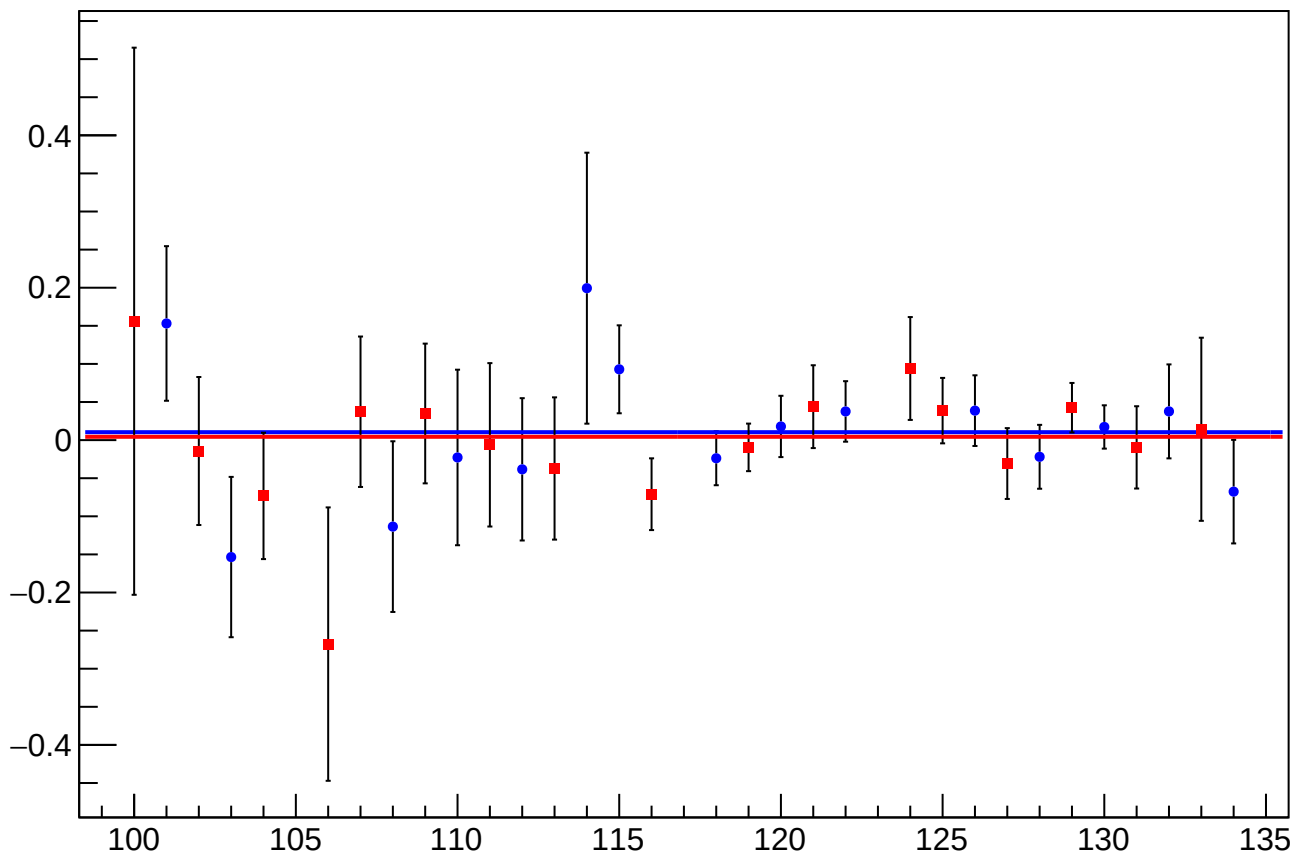
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.218+/-0.007 χ^2/NDF : 5089588.9/31

- 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: 0.004 $\pm$ 0.014 χ^2 /NDF: 11.5/16

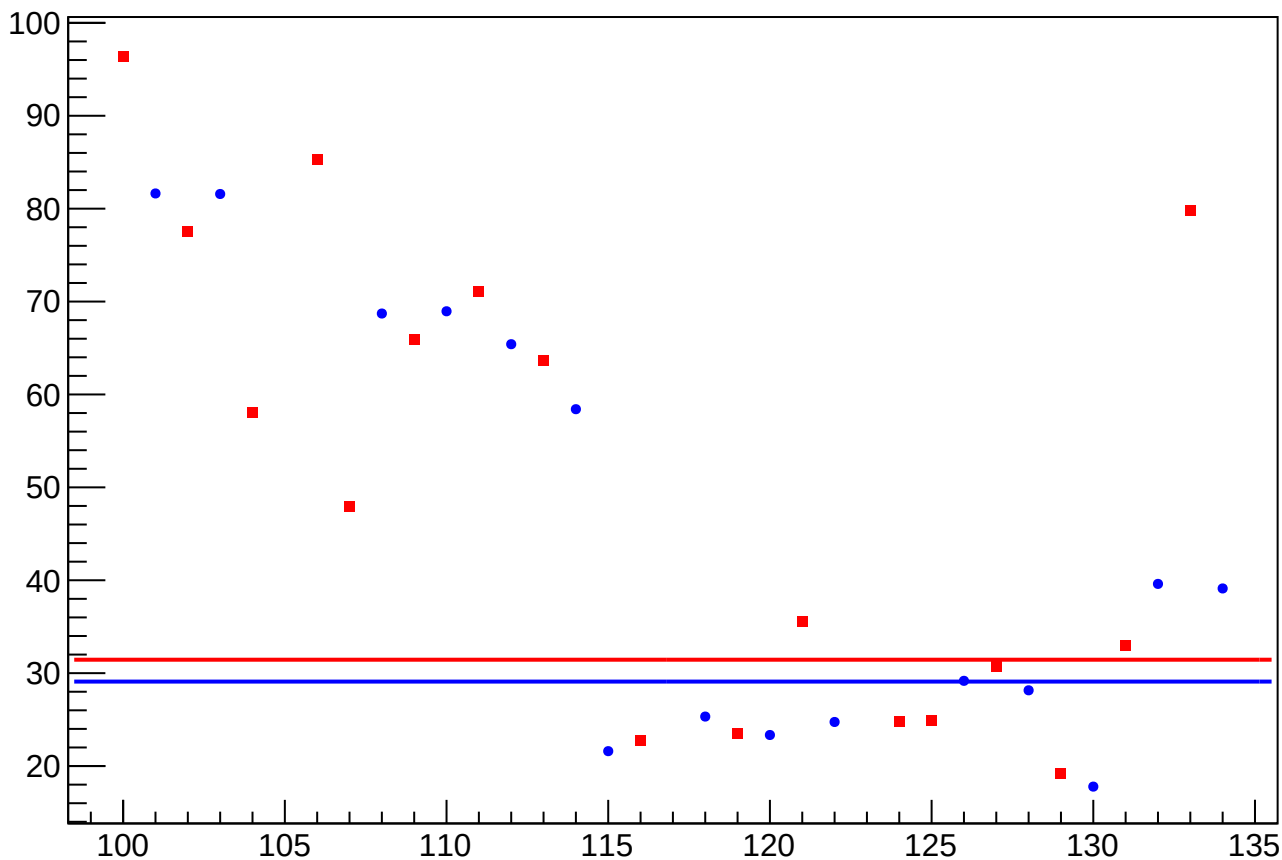
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.010 χ^2 /NDF: 24.8/31

- 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: 31.447+/-0.010 χ^2/NDF : 2639116.2/16

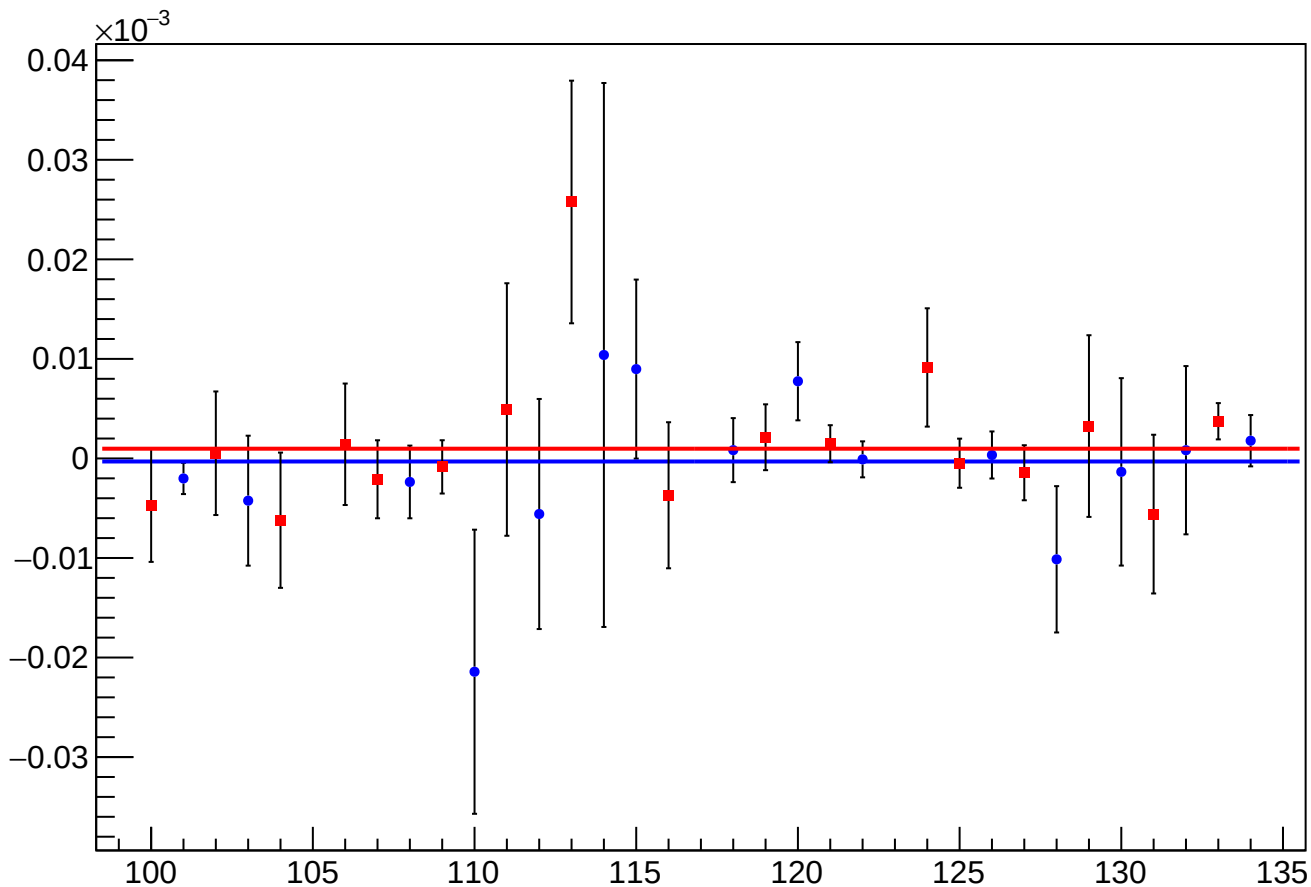
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.218+/-0.007 χ^2/NDF : 5089588.9/31

- 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+/-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 : 14.1/16

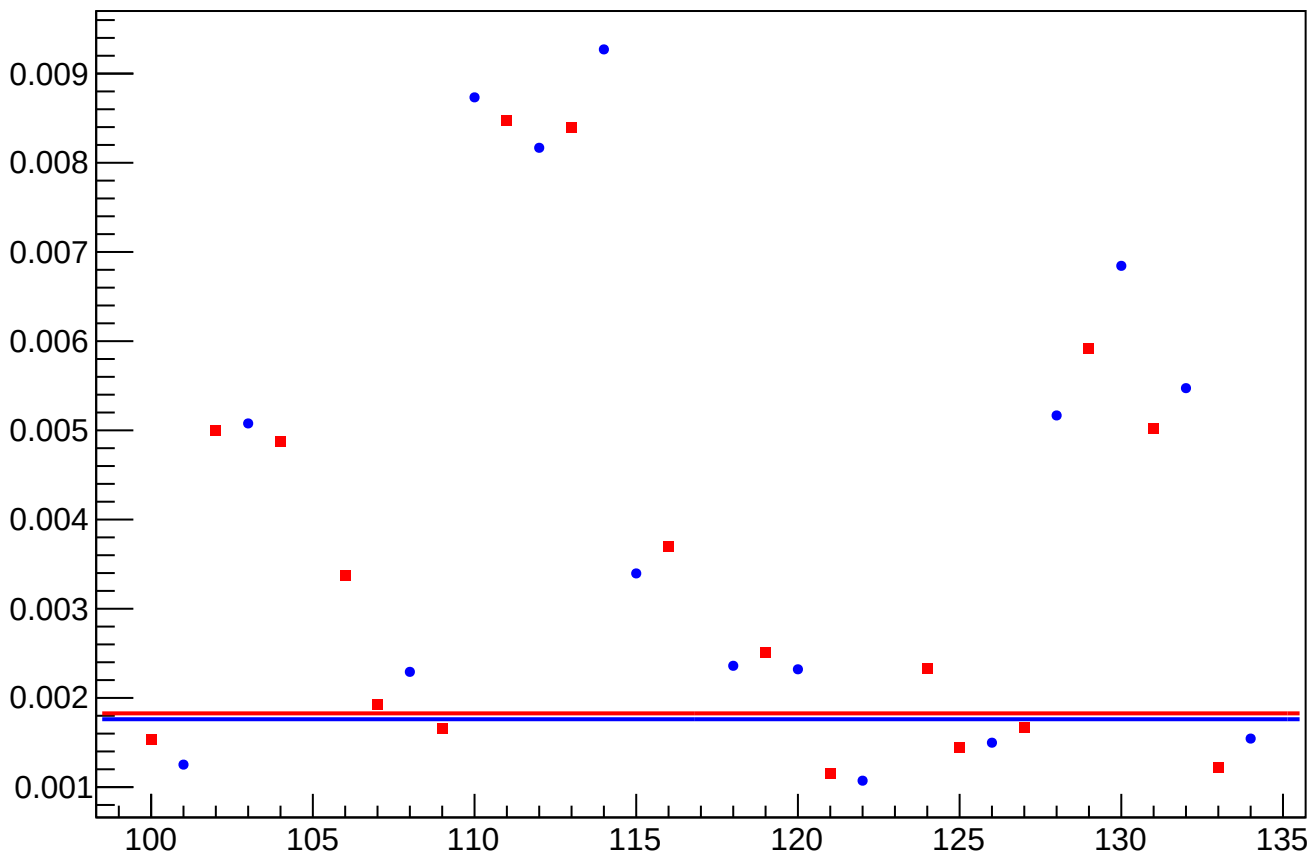
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.6/31

- sign 0.000+/-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 : 3688019.7/16

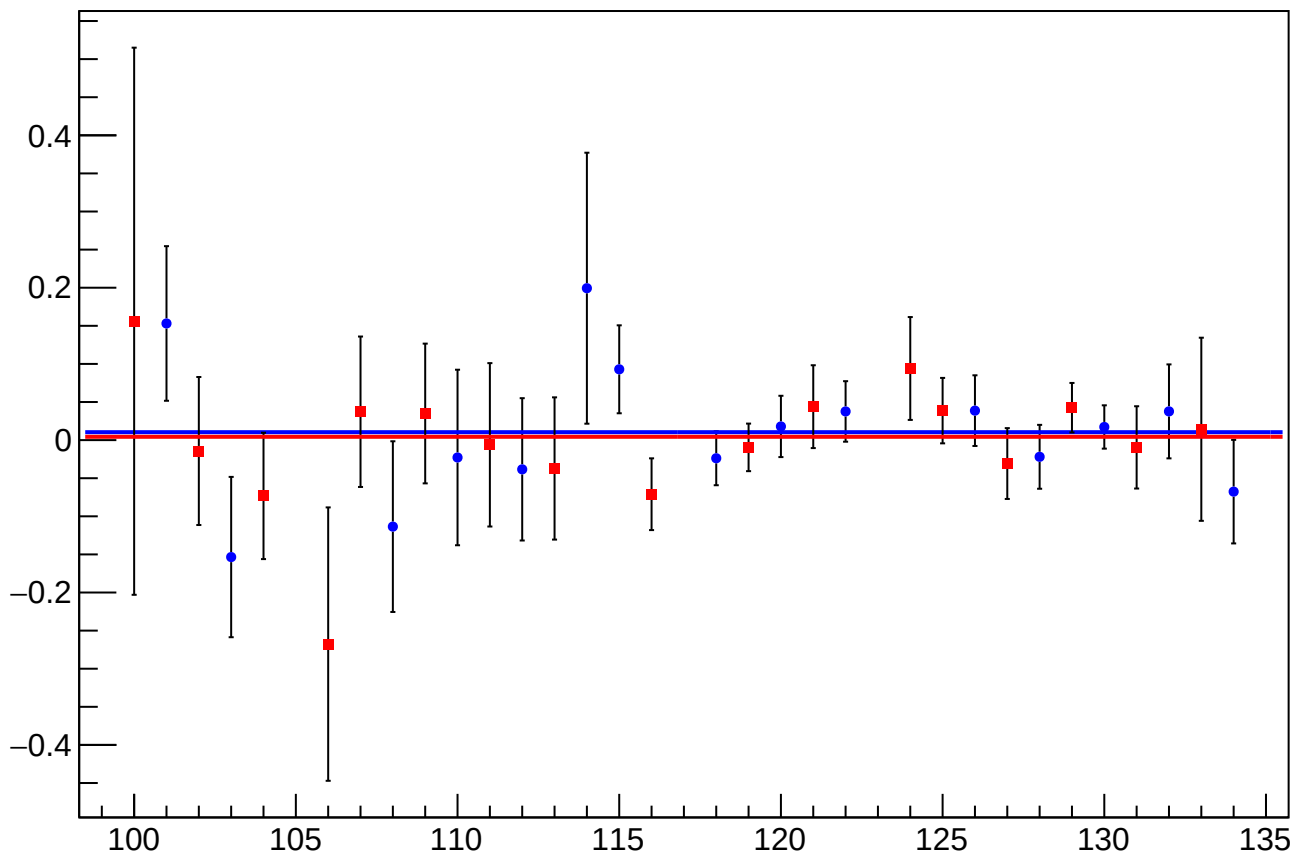
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 7609888.1/31

- 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: 0.004 $\pm$ 0.014 χ^2 /NDF: 11.5/16

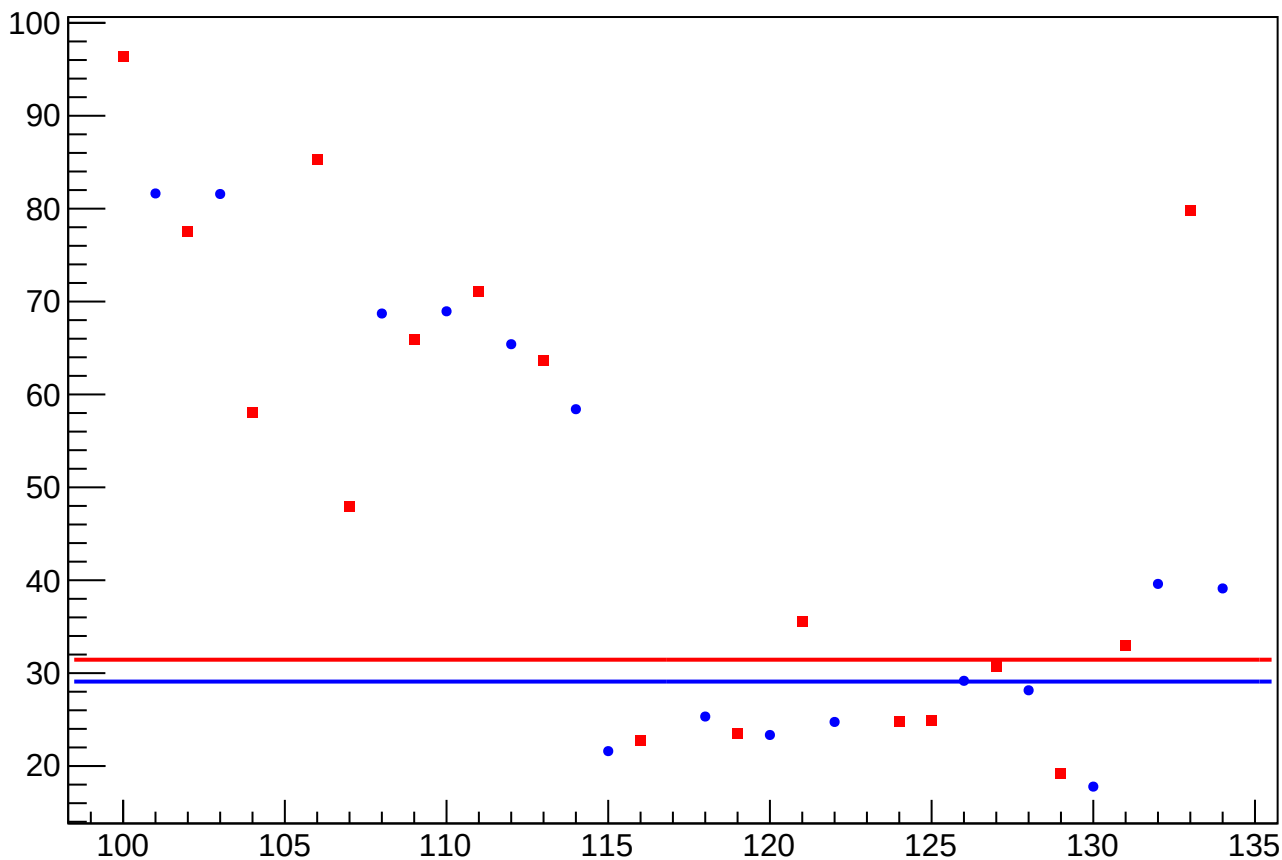
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.010 χ^2 /NDF: 24.8/31

- 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: 31.446 $\pm$ 0.010 χ^2 /NDF: 2639274.0/16

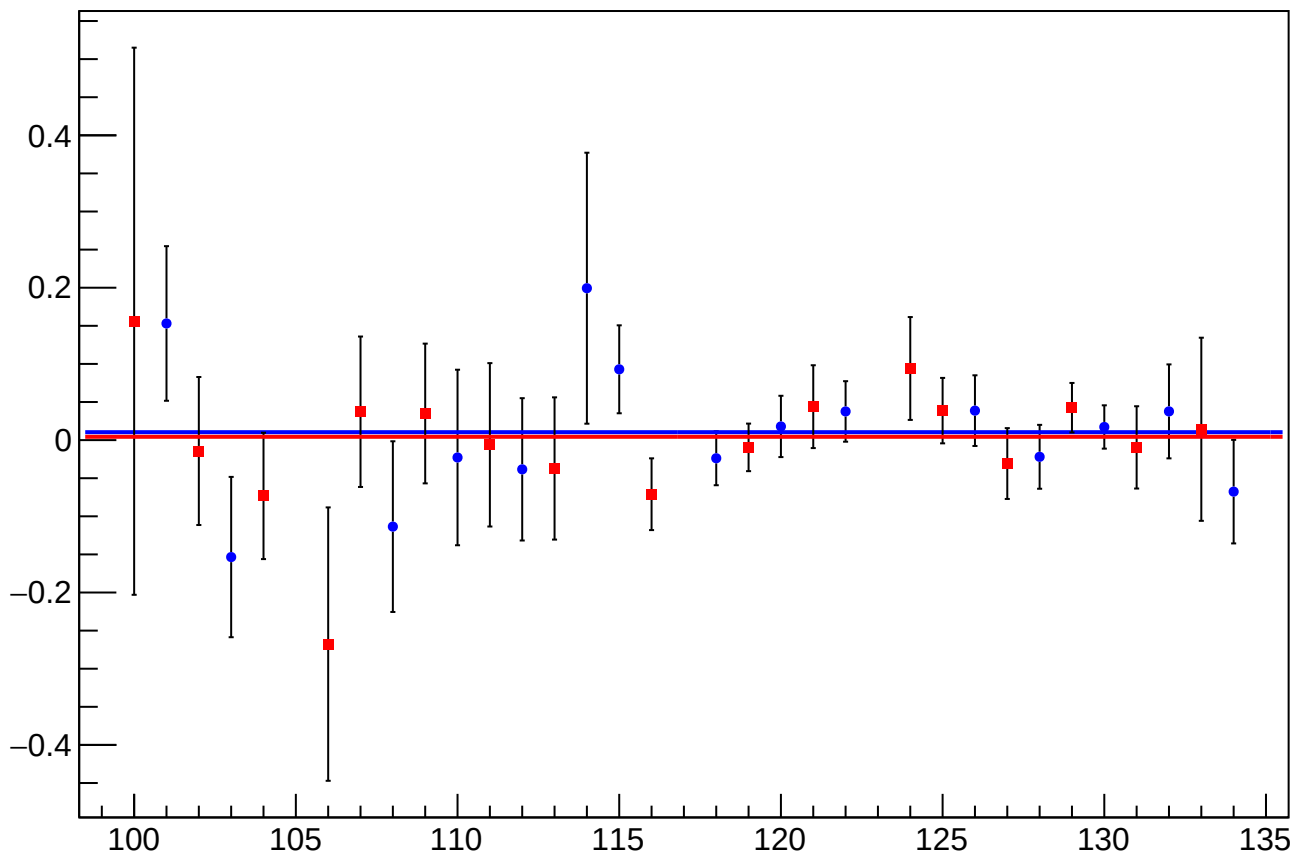
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.216 $\pm$ 0.007 χ^2 /NDF: 5089927.3/31

- 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: 0.004 $\pm$ 0.014 χ^2 /NDF: 11.5/16

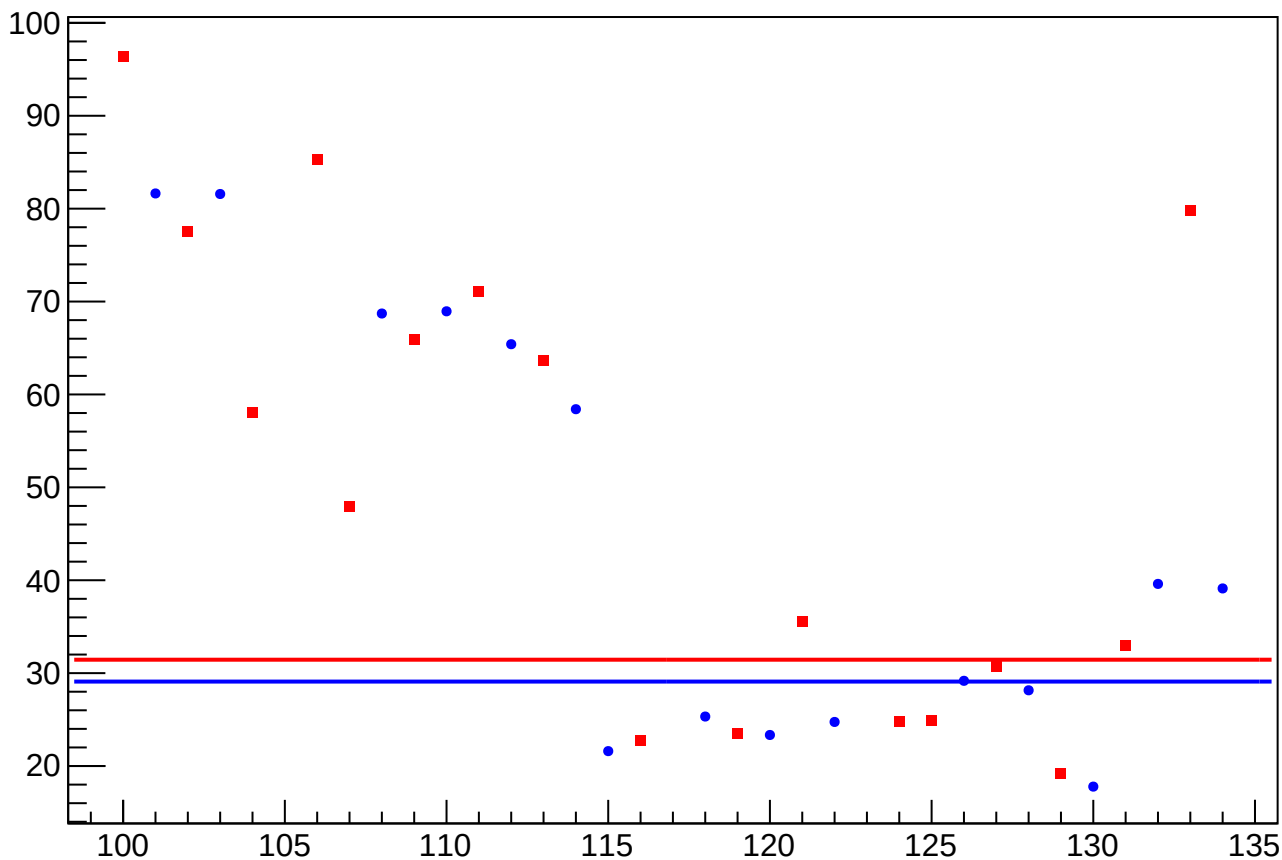
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.010 χ^2 /NDF: 24.8/31

- 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 $\pm$ 0.009 χ^2 /NDF: 2421056.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 31.446 $\pm$ 0.010 χ^2 /NDF: 2639274.0/16

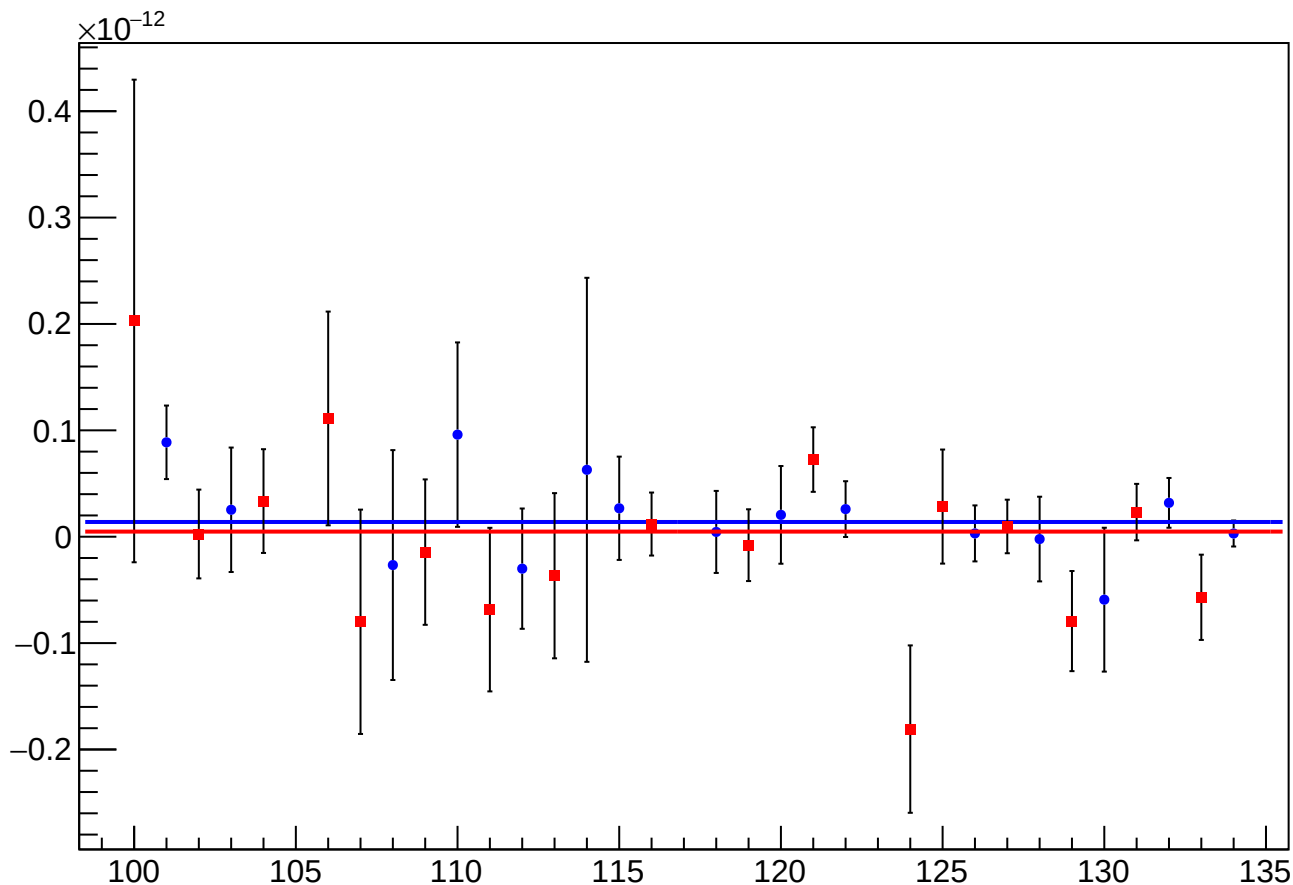
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.216 $\pm$ 0.007 χ^2 /NDF: 5089927.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_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: 21.2/16

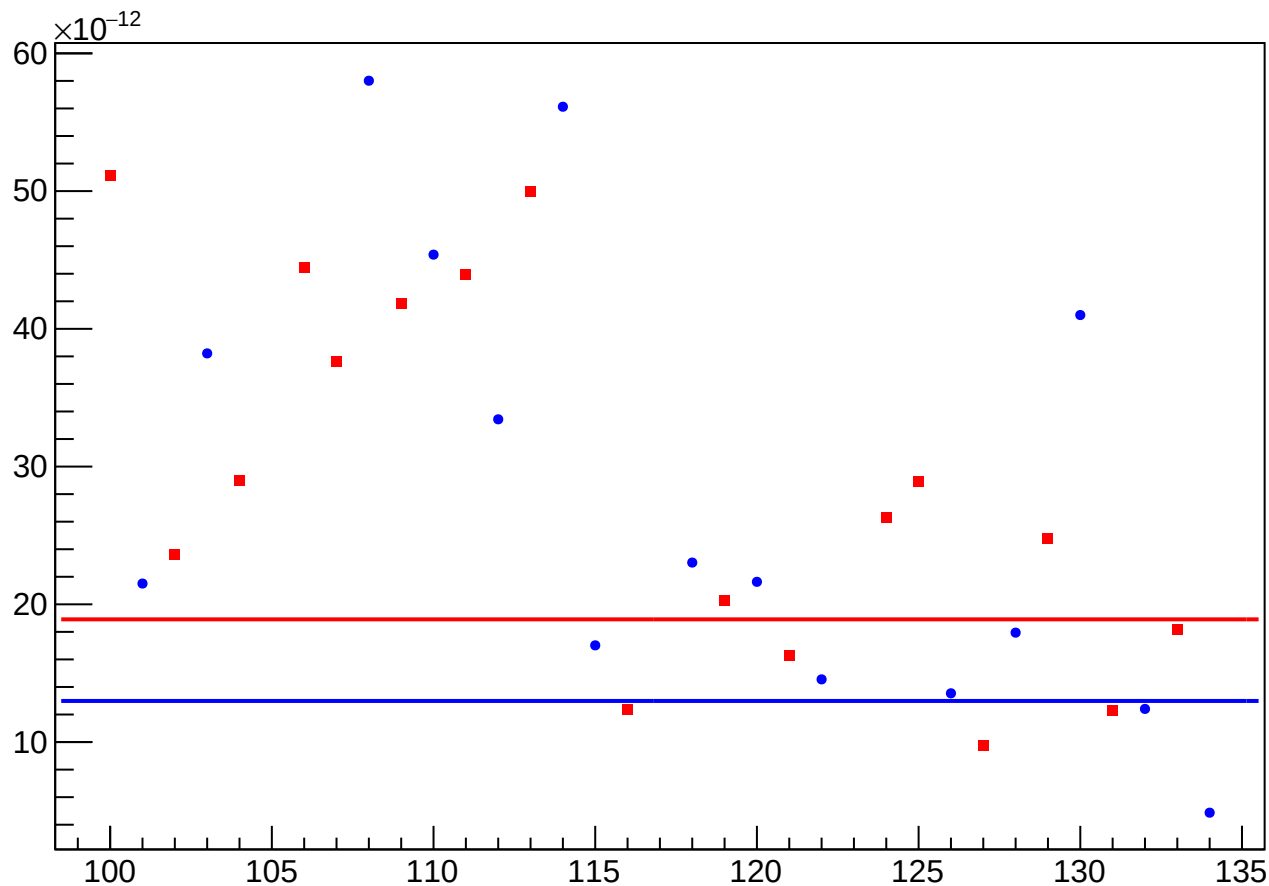
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 31.3/31

- sign 0.000 $\pm$ 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 : 1721046.7/16

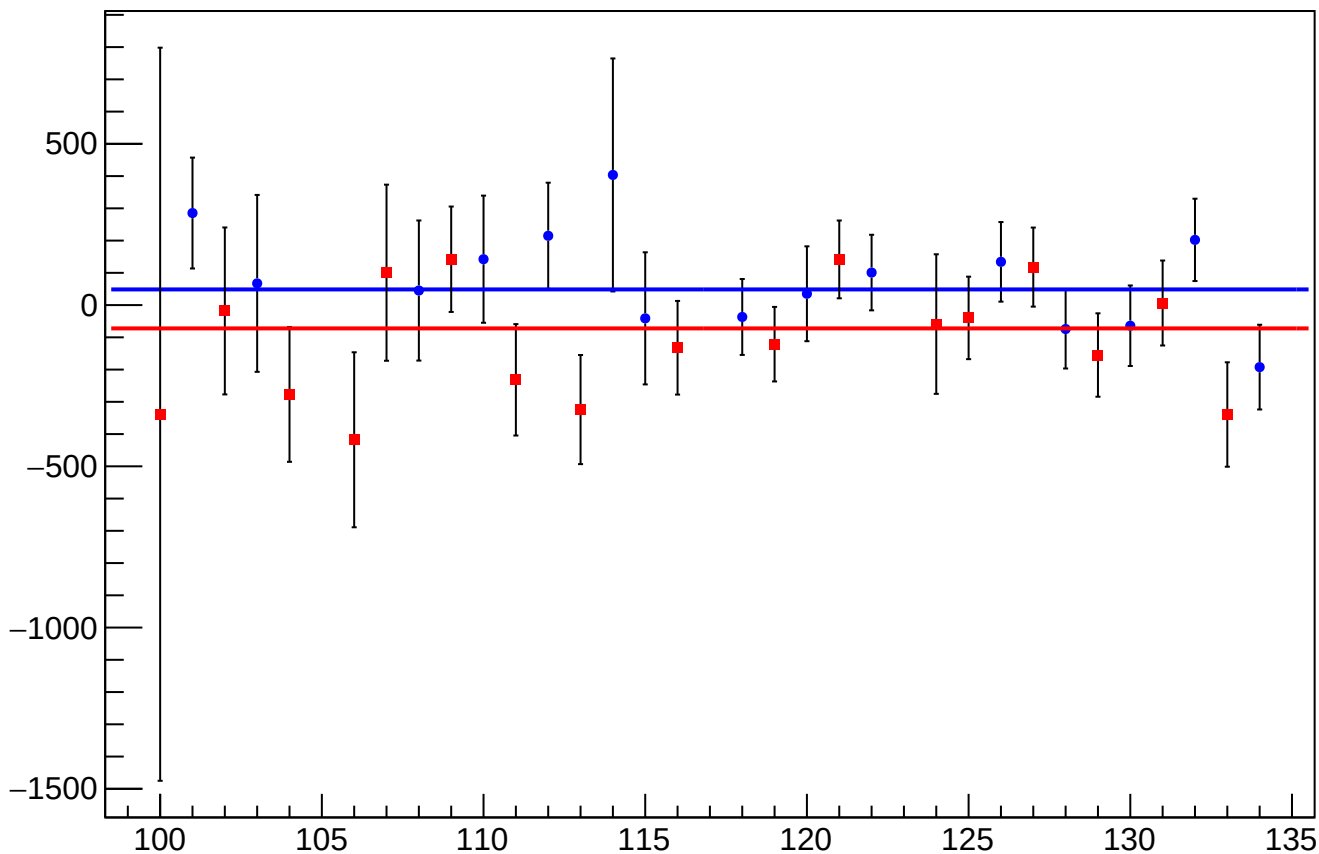
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5114041.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_mean vs Slug



Right In: 48.572 $\pm$ 38.649 χ^2 /NDF: 12.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -72.340 $\pm$ 38.719 χ^2 /NDF: 17.3/16

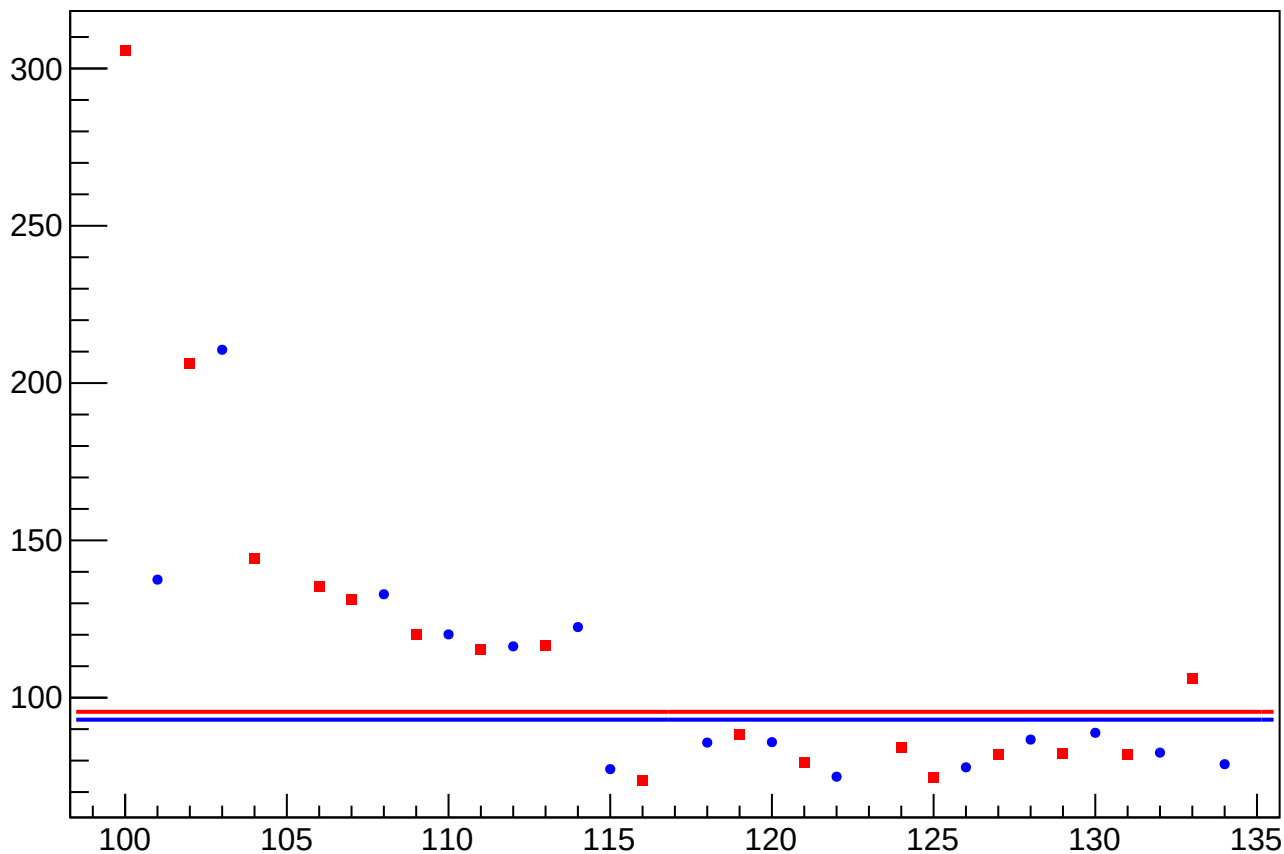
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -11.775 $\pm$ 27.354 χ^2 /NDF: 34.4/31

- sign 0.000 $\pm$ 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: 95.508+/-0.027 χ^2/NDF : 945260.2/16

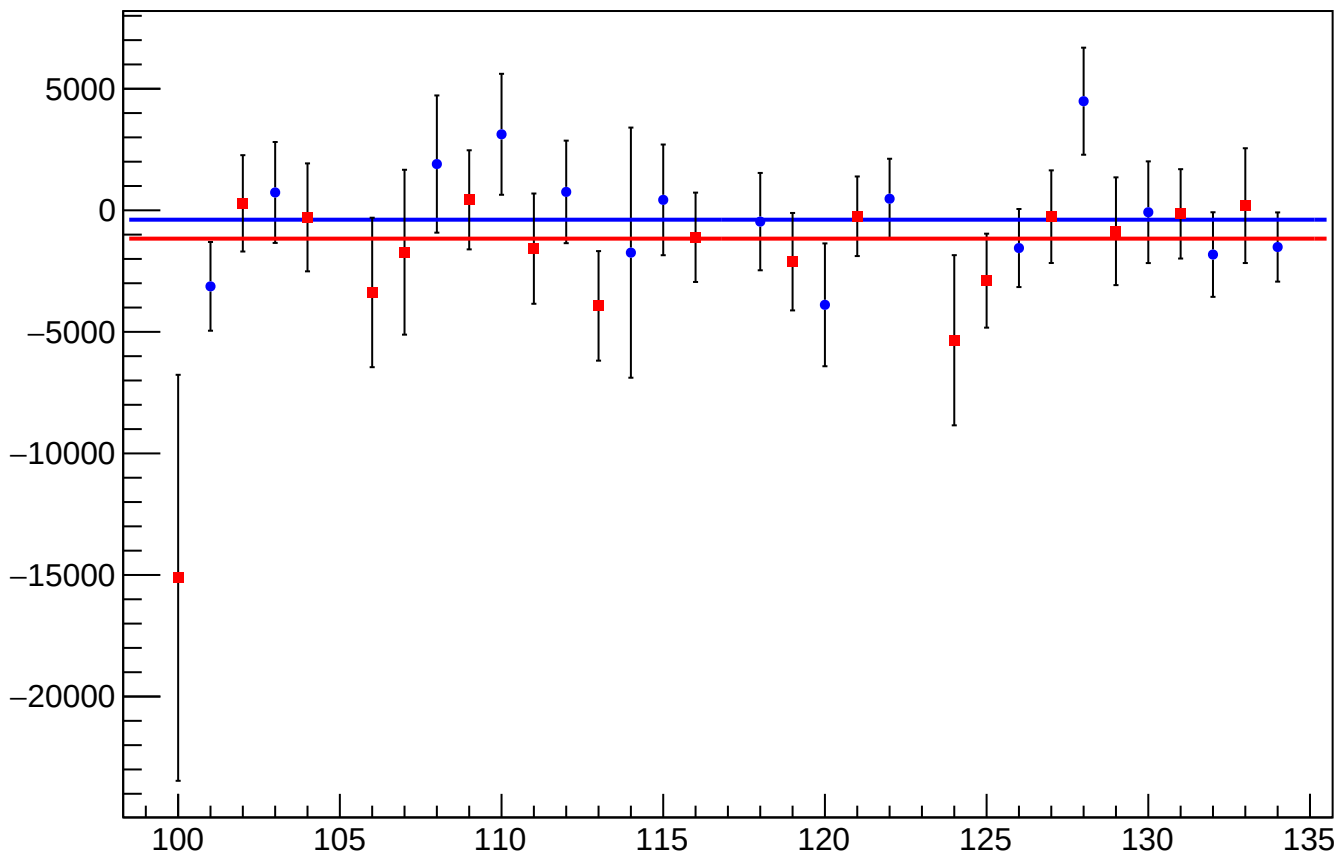
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.255+/-0.019 χ^2/NDF : 1755832.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_reg_correction_mean vs Slug



Right In: -386.003 ± 520.069 χ^2/NDF : 14.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1165.312 ± 533.105 χ^2/NDF : 9.8/16

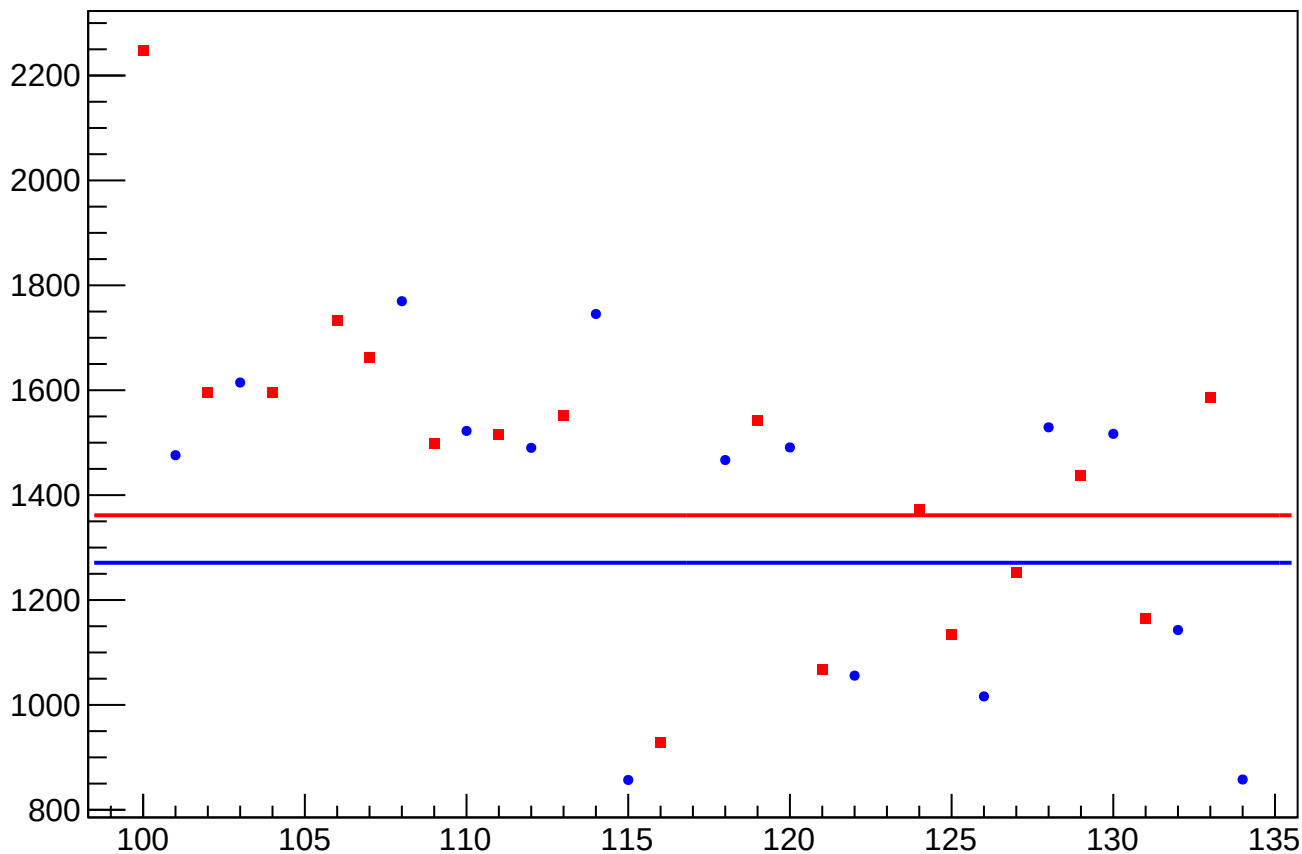
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -766.013 ± 372.268 χ^2/NDF : 25.6/31

- sign 0.000 ± 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

Right Out: 1361.515+/-0.377 χ^2/NDF : 420028.3/16

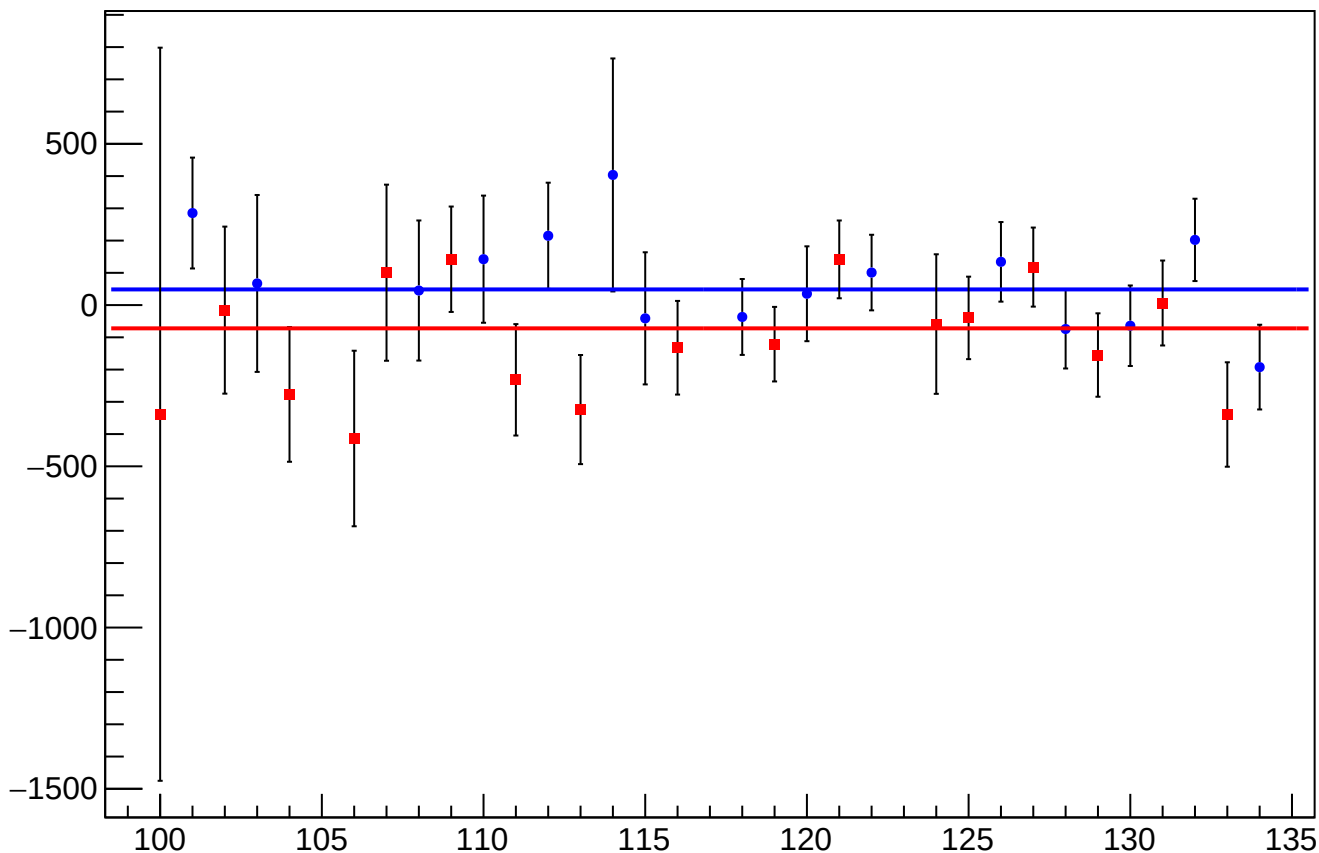
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1315.149+/-0.263 χ^2/NDF : 1070684.9/31

- sign 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: -72.157+/-38.722 χ^2/NDF : 17.3/16

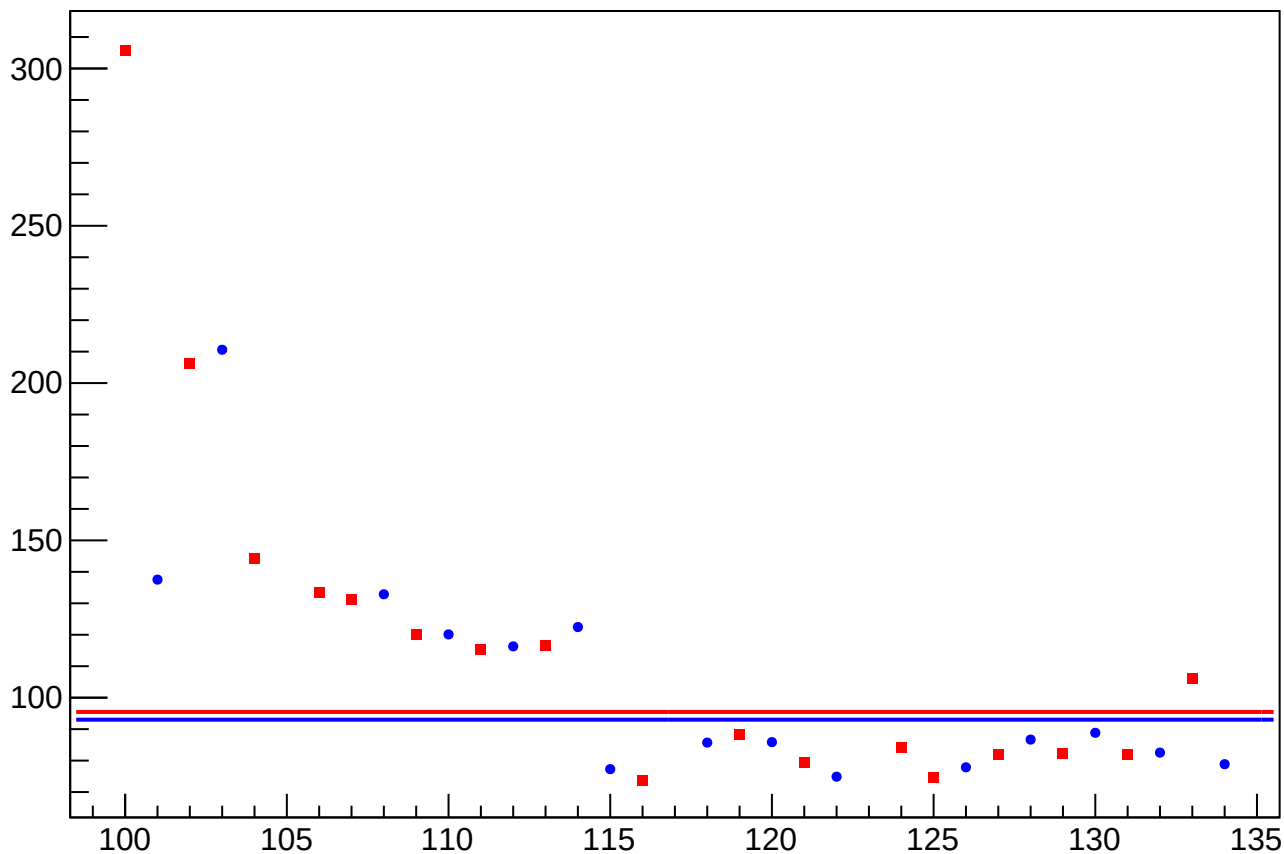
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.684+/-27.355 χ^2/NDF : 34.3/31

- 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: 95.463+/-0.027 χ^2/NDF : 941214.1/16

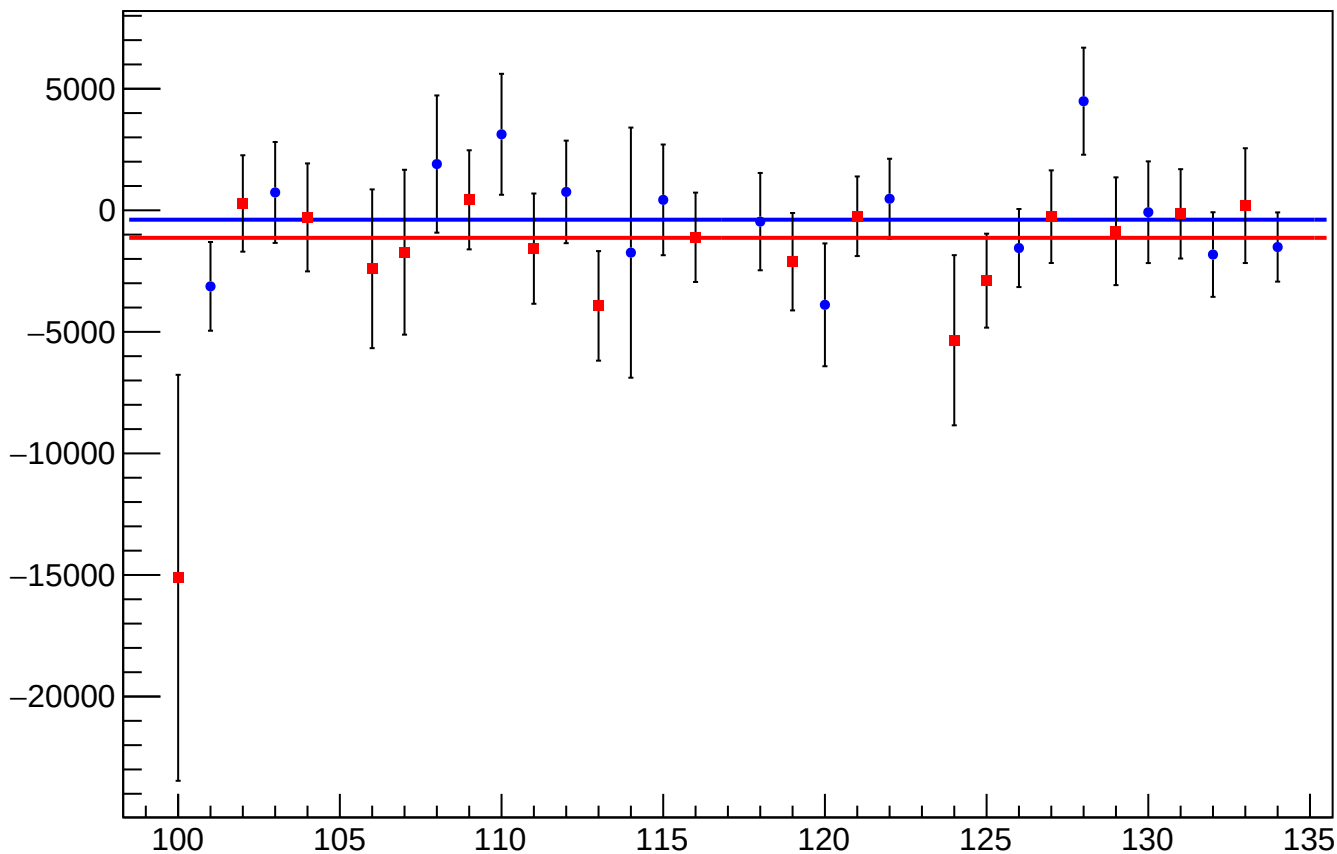
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.232+/-0.019 χ^2/NDF : 1751639.9/31

- 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: -1132.241+/-534.048 χ^2/NDF : 9.4/16

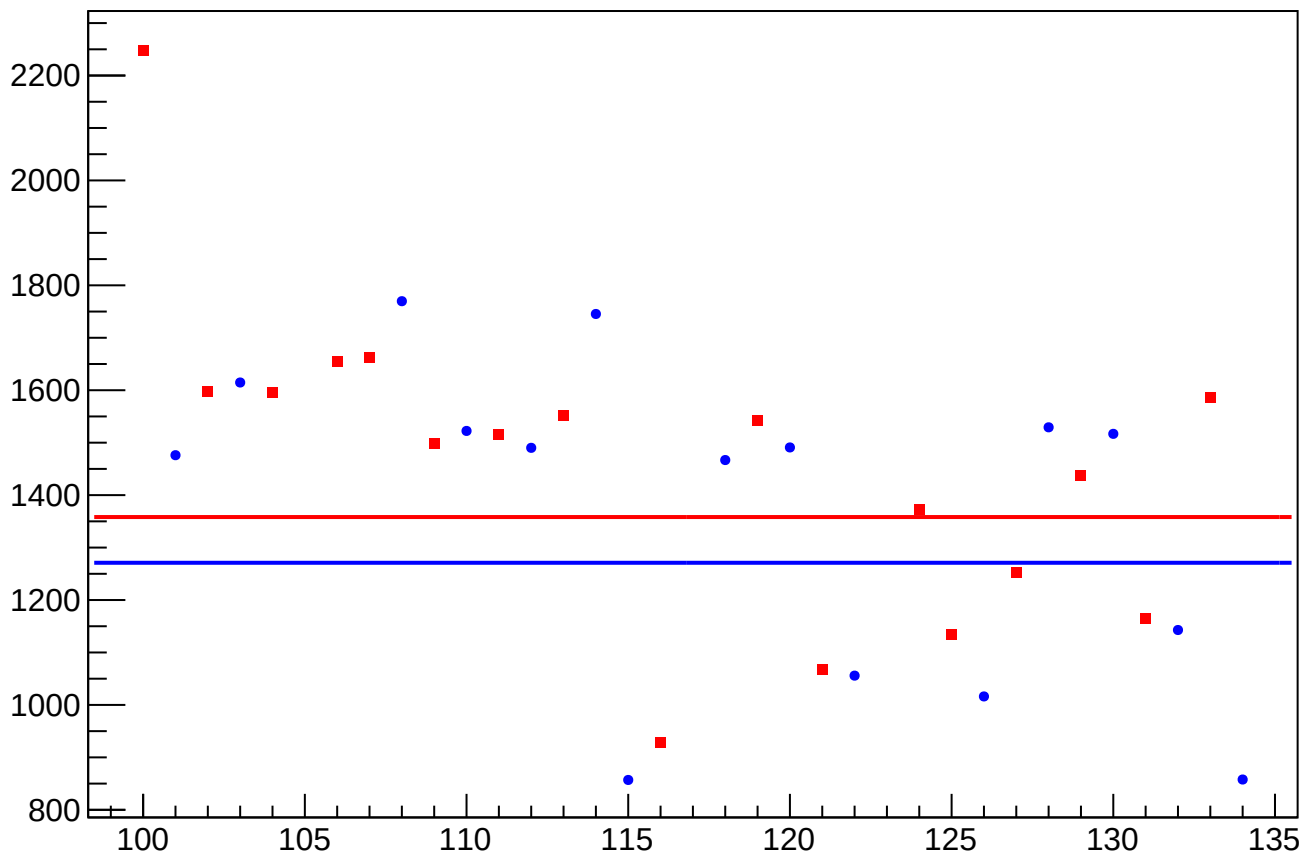
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -749.203+/-372.589 χ^2/NDF : 25.1/31

- 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: 1358.209+/-0.378 χ^2/NDF : 407115.2/16

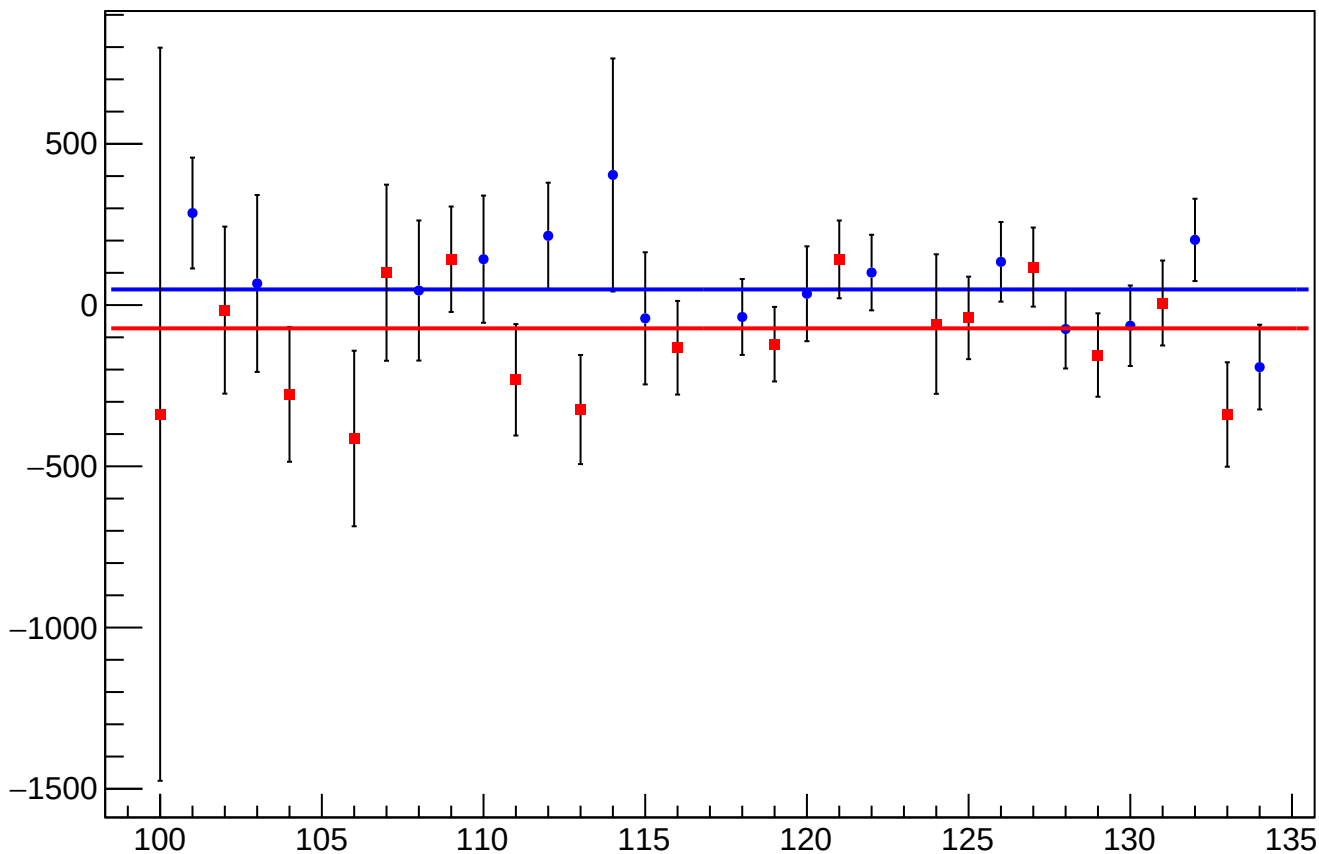
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1313.461+/-0.263 χ^2/NDF : 1055631.8/31

- 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: -72.157+/-38.722 χ^2/NDF : 17.3/16

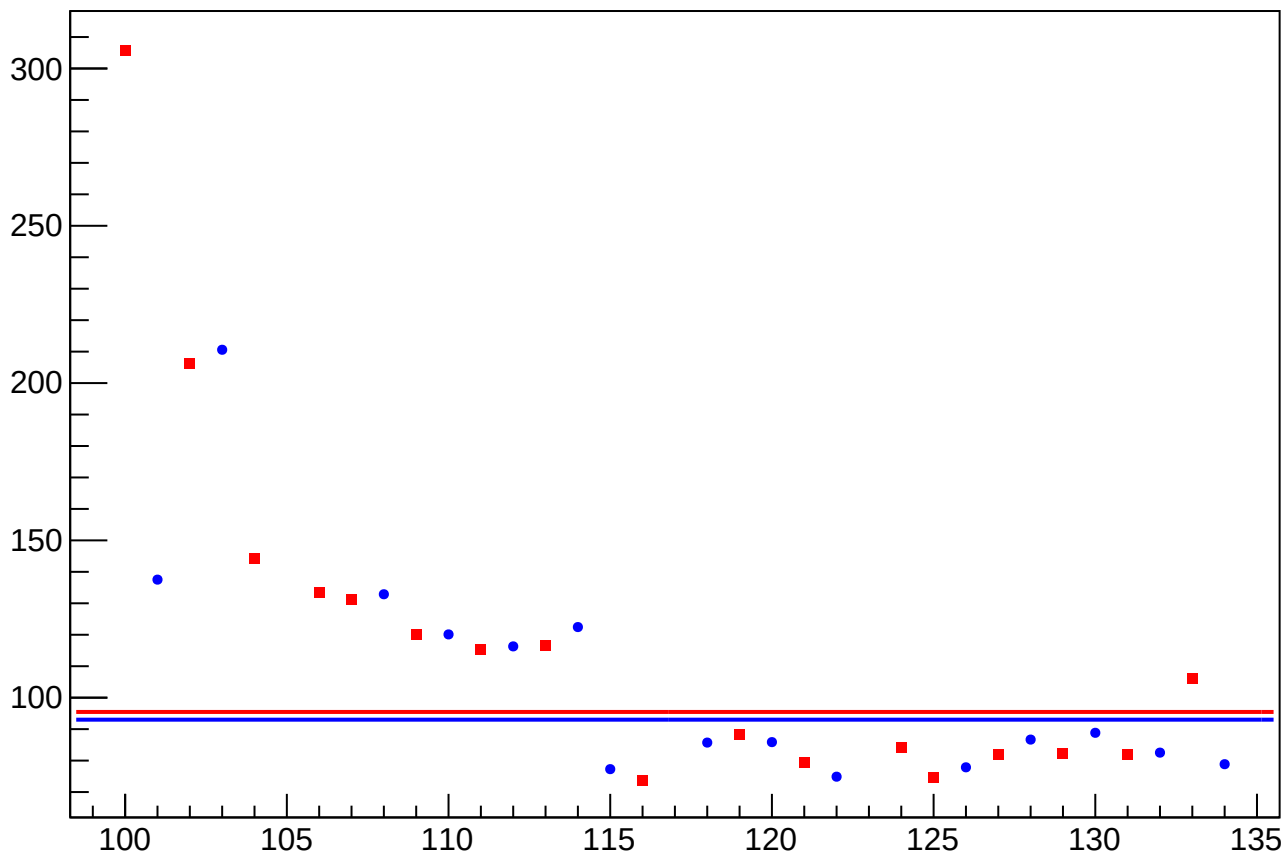
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.684+/-27.355 χ^2/NDF : 34.3/31

- 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: 95.463+/-0.027 χ^2/NDF : 941214.1/16

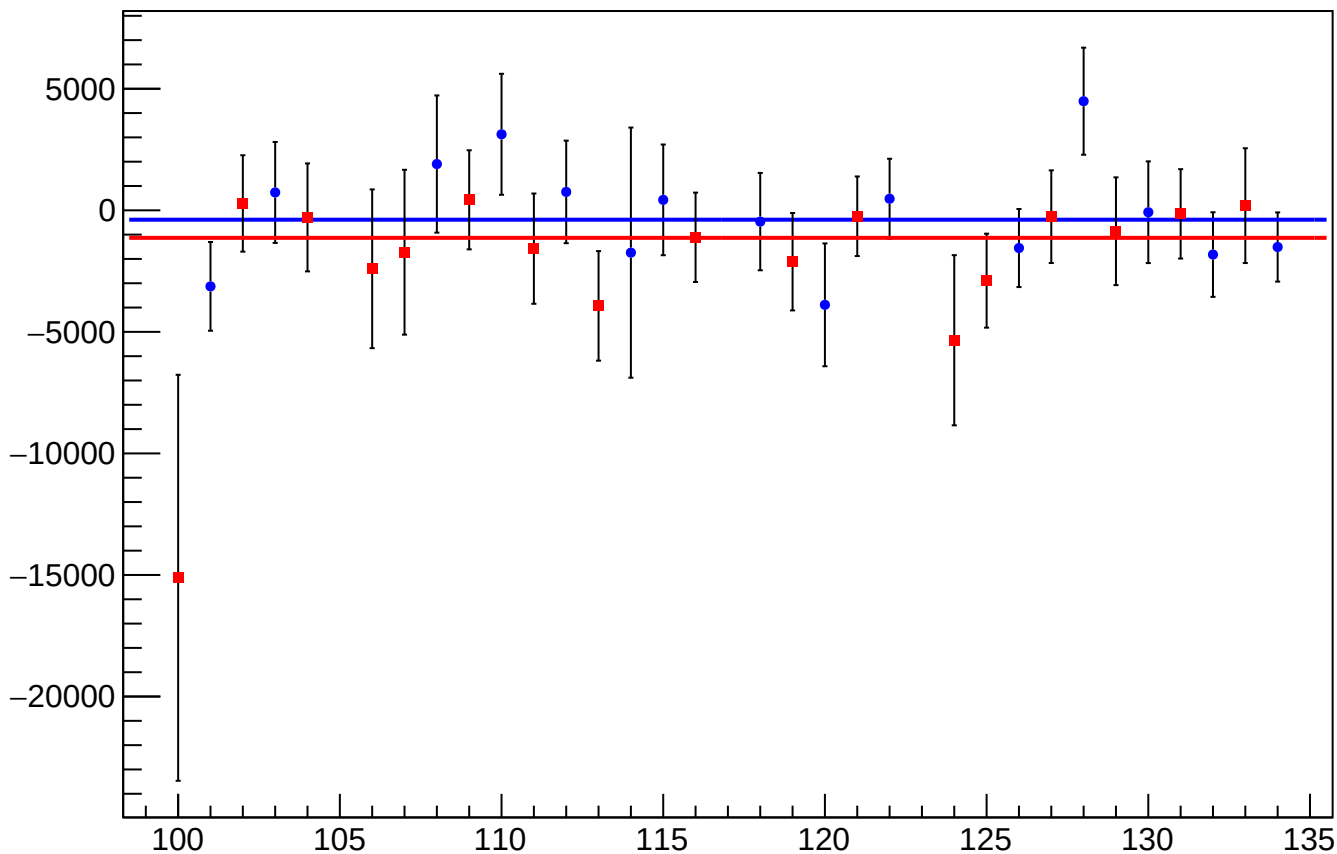
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.232+/-0.019 χ^2/NDF : 1751639.9/31

- 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: -1132.241+/-534.048 χ^2 /NDF: 9.4/16

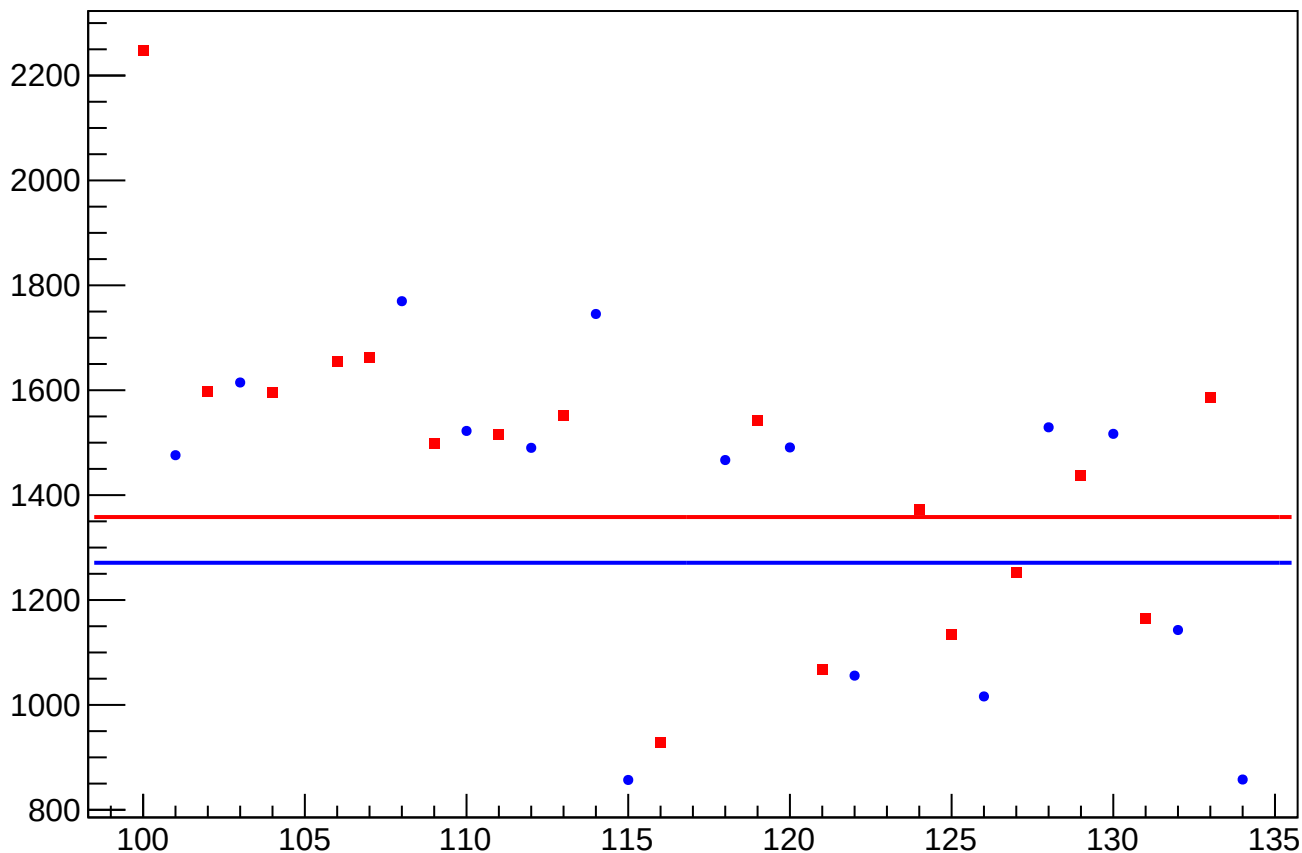
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -749.203+/-372.589 χ^2 /NDF: 25.1/31

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

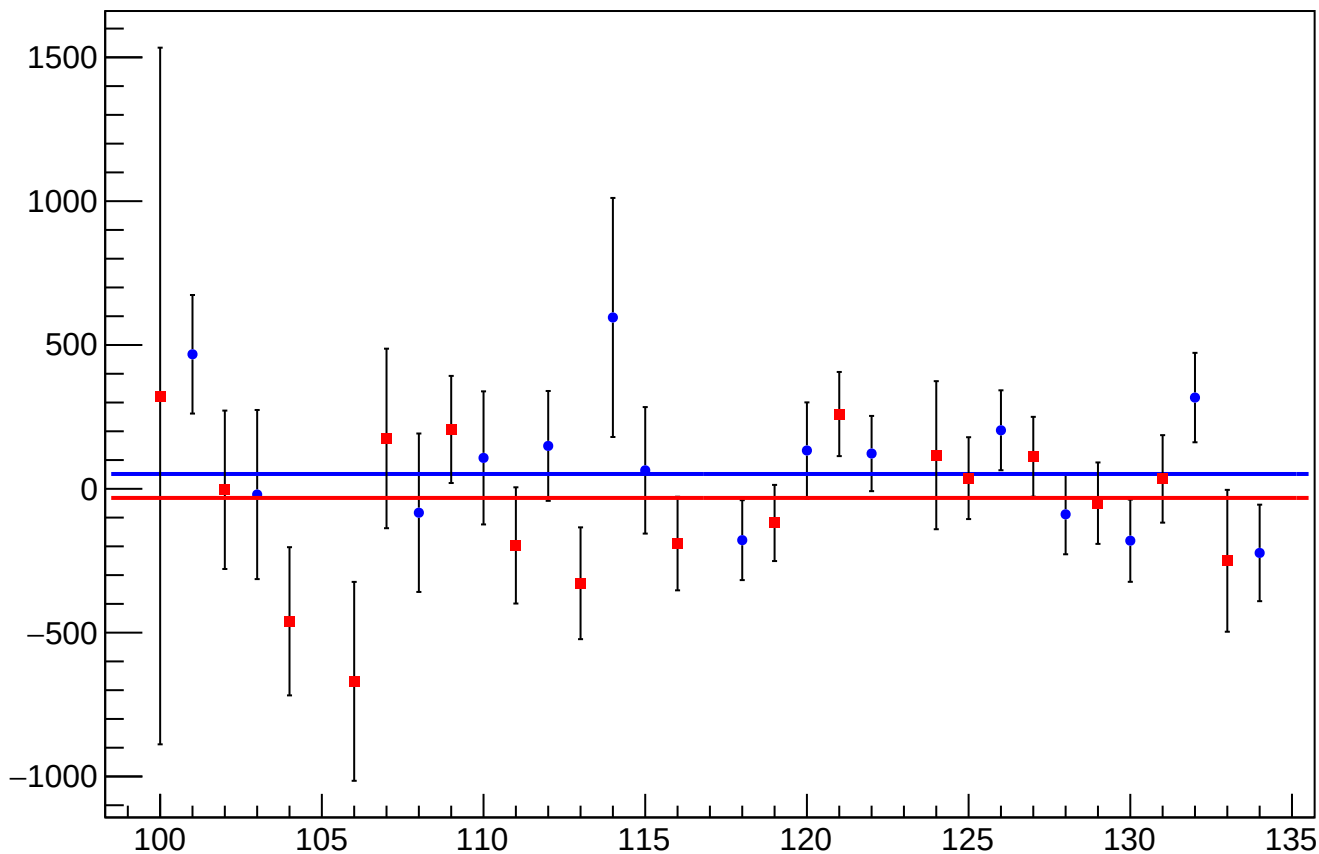
Right Out: 1358.209+/-0.378 χ^2/NDF : 407115.2/16

All: 1313.461+/-0.263 χ^2/NDF : 1055631.8/31

- 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_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: -31.668 $\pm$ 44.949 χ^2 /NDF: 19.3/16

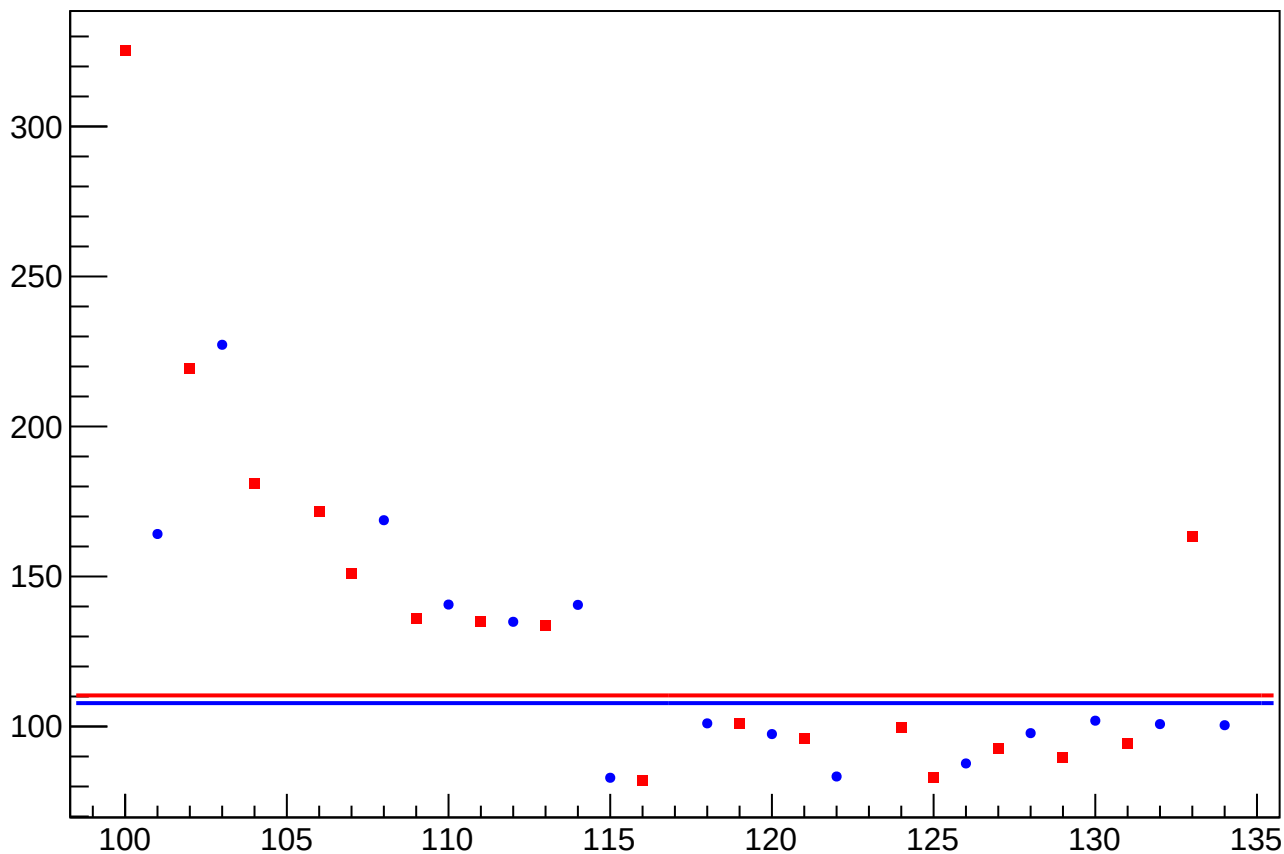
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.024 $\pm$ 31.760 χ^2 /NDF: 41.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_3726_avg_rms vs Slug



Right In: 107.791 $\pm$ 0.032 χ^2 /NDF: 842363.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 110.358 $\pm$ 0.032 χ^2 /NDF: 1076273.8/16

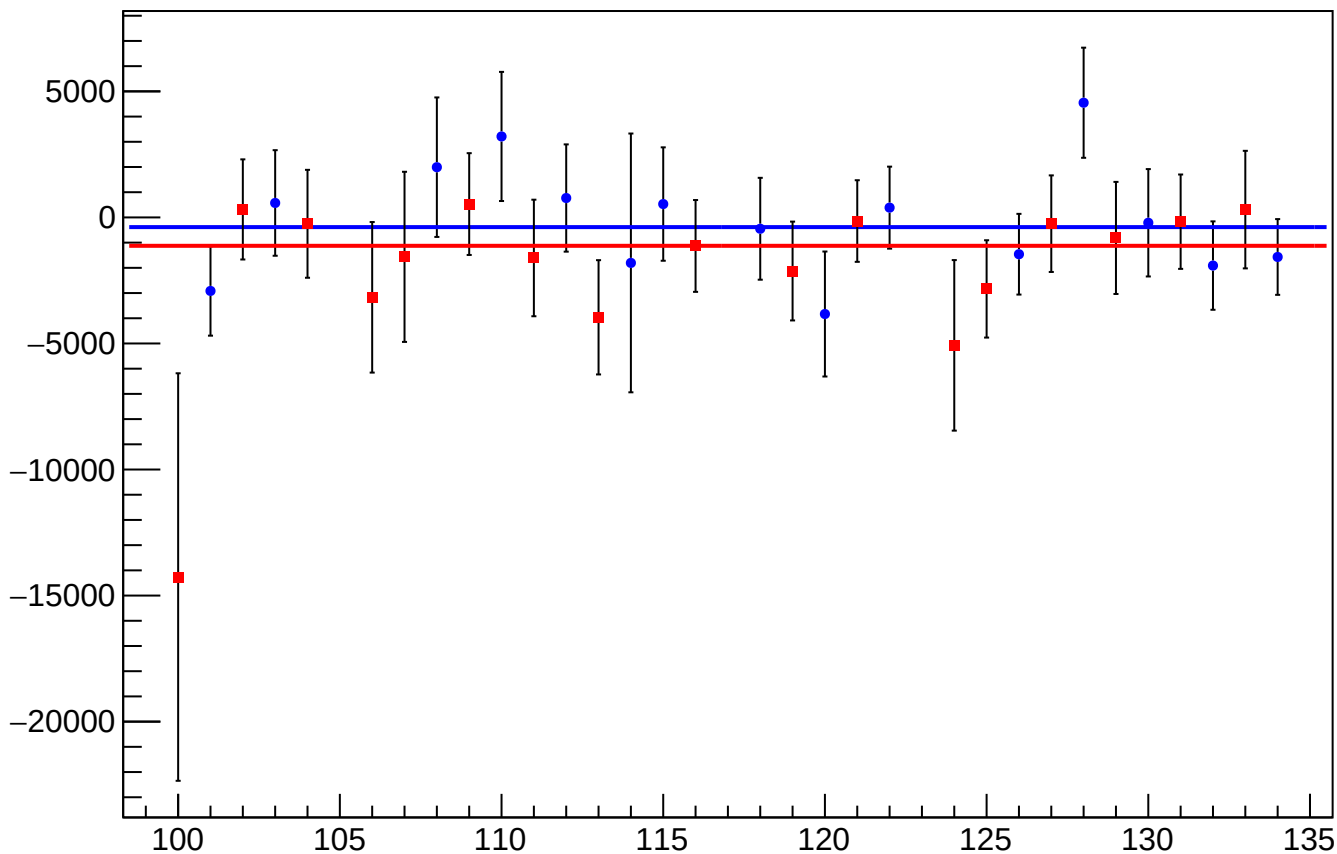
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 109.073 $\pm$ 0.022 χ^2 /NDF: 1921904.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_dit_correction_mean vs Slug



Right In: -384.251+/-522.694 χ^2/NDF : 14.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1125.997+/-530.158 χ^2/NDF : 9.8/16

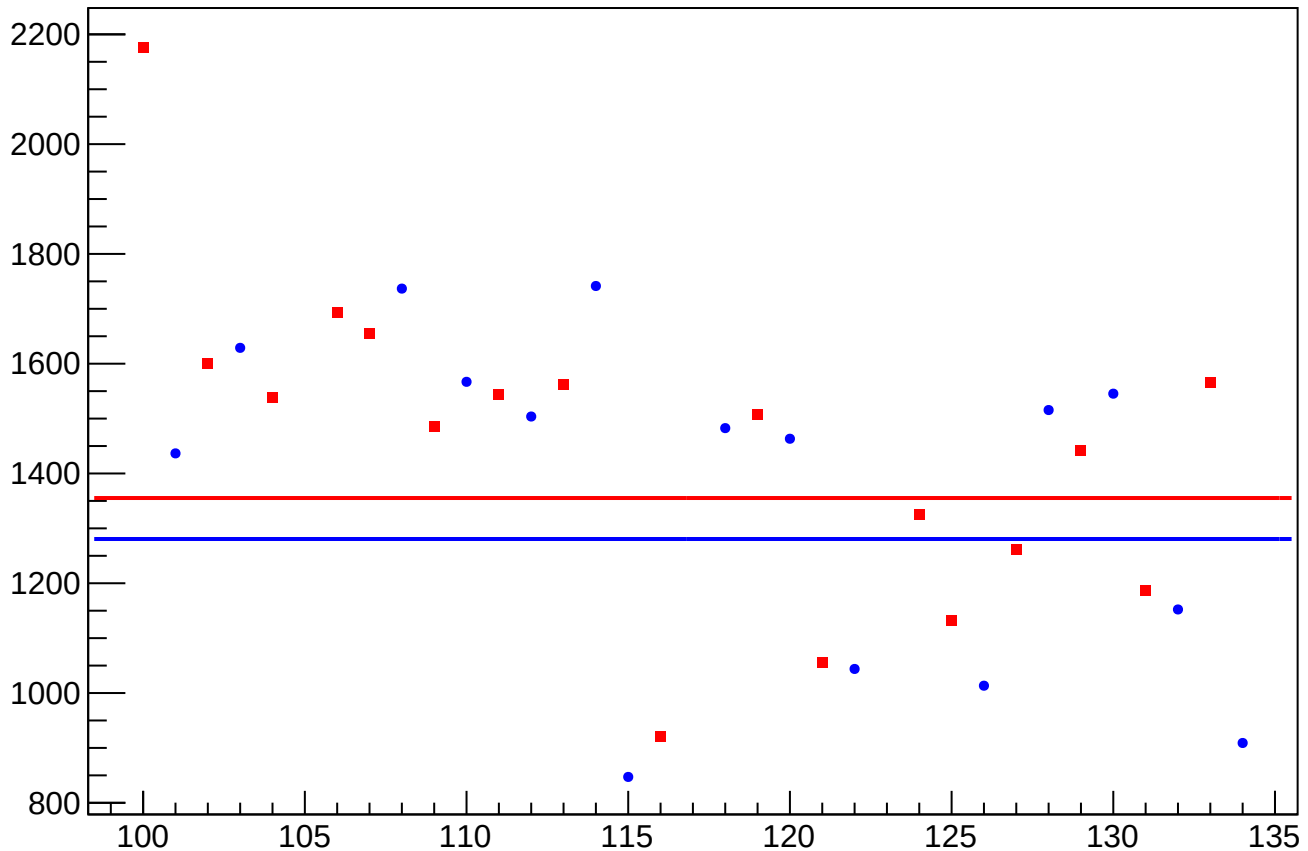
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -749.866+/-372.211 χ^2/NDF : 25.3/31

- sign 0.000+/-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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

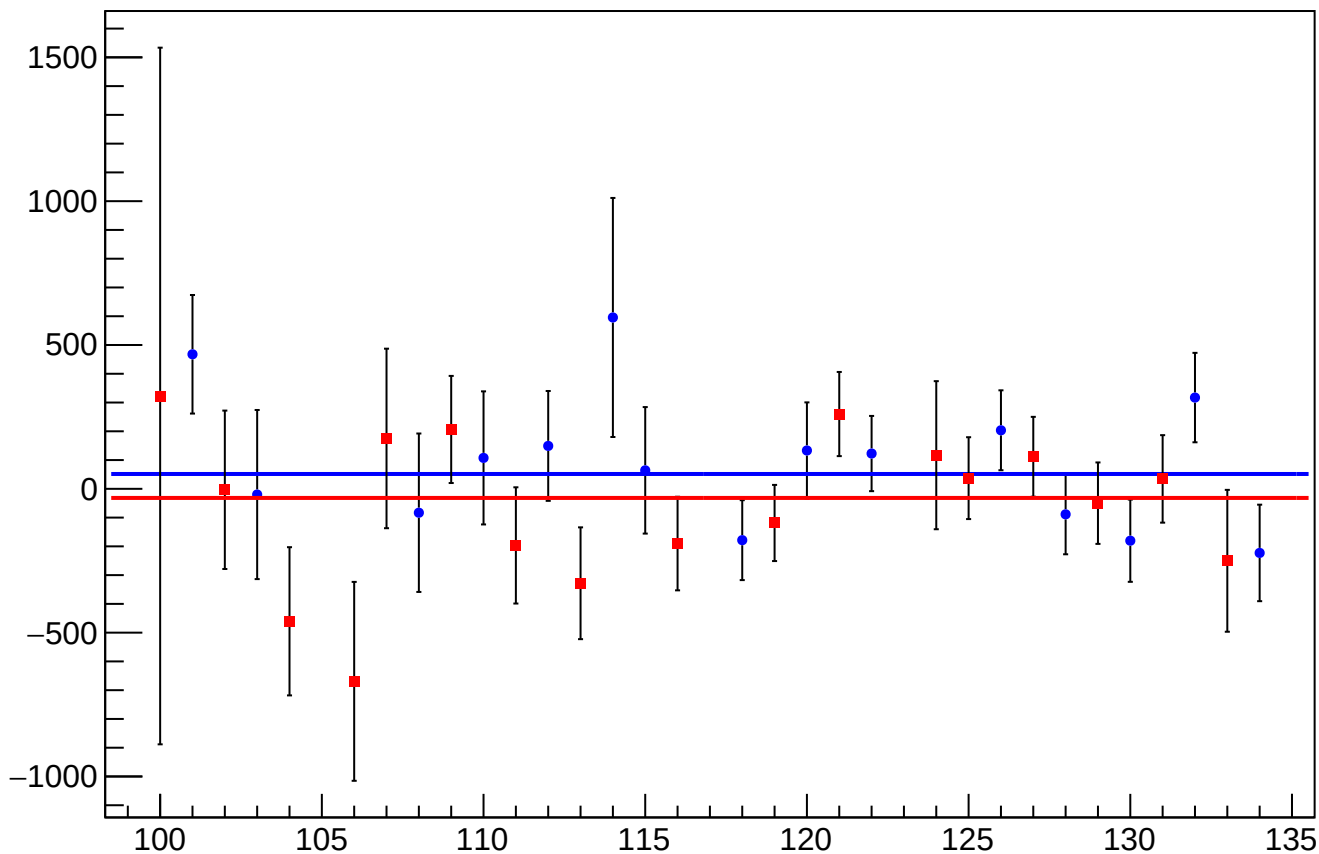
Right Out: 1355.286+/-0.375 χ^2/NDF : 407273.5/16

All: 1317.419+/-0.263 χ^2/NDF : 1006131.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -31.664+/-44.949 χ^2/NDF : 19.3/16

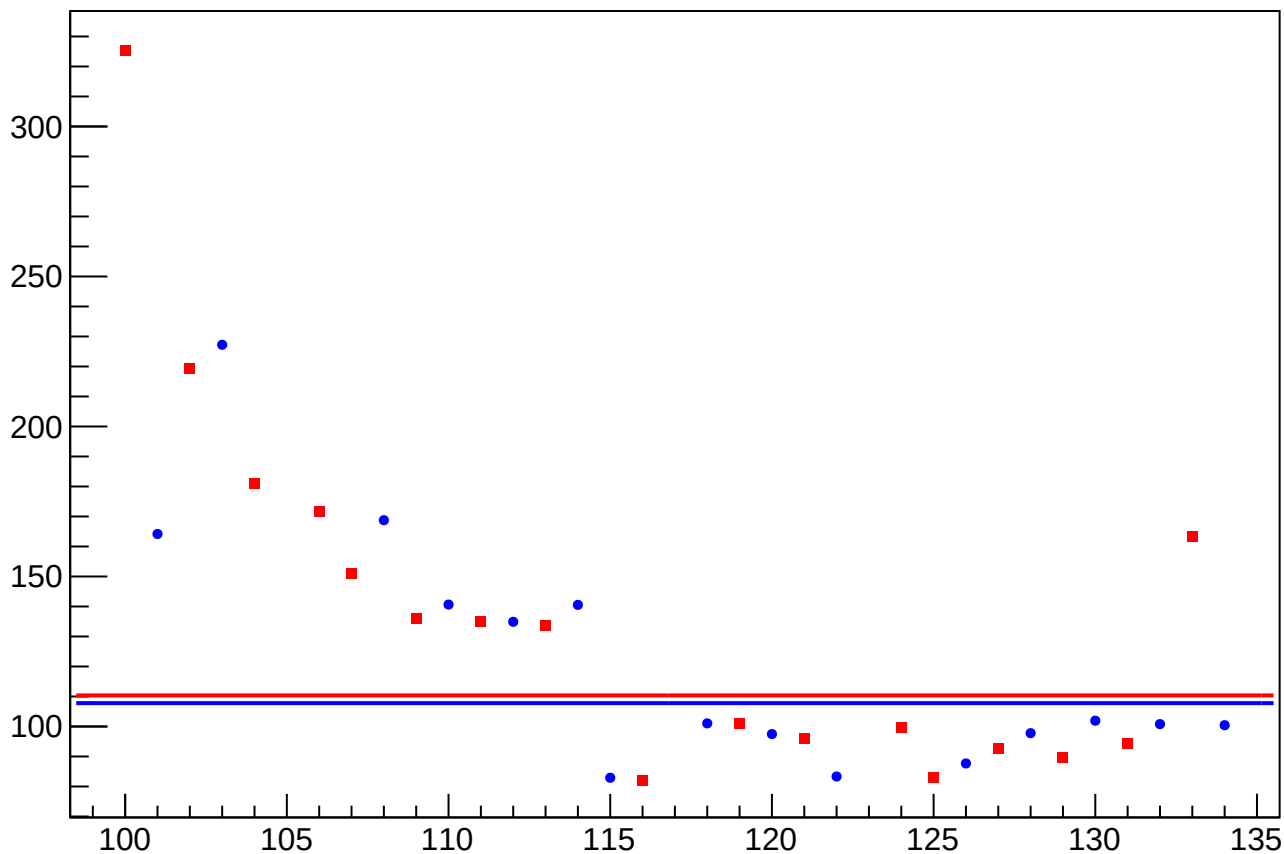
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.026+/-31.760 χ^2/NDF : 41.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_3726_avg_rms vs Slug



Right In: 107.791 $\pm$ 0.032 χ^2 /NDF: 842359.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 110.358 $\pm$ 0.032 χ^2 /NDF: 1076273.5/16

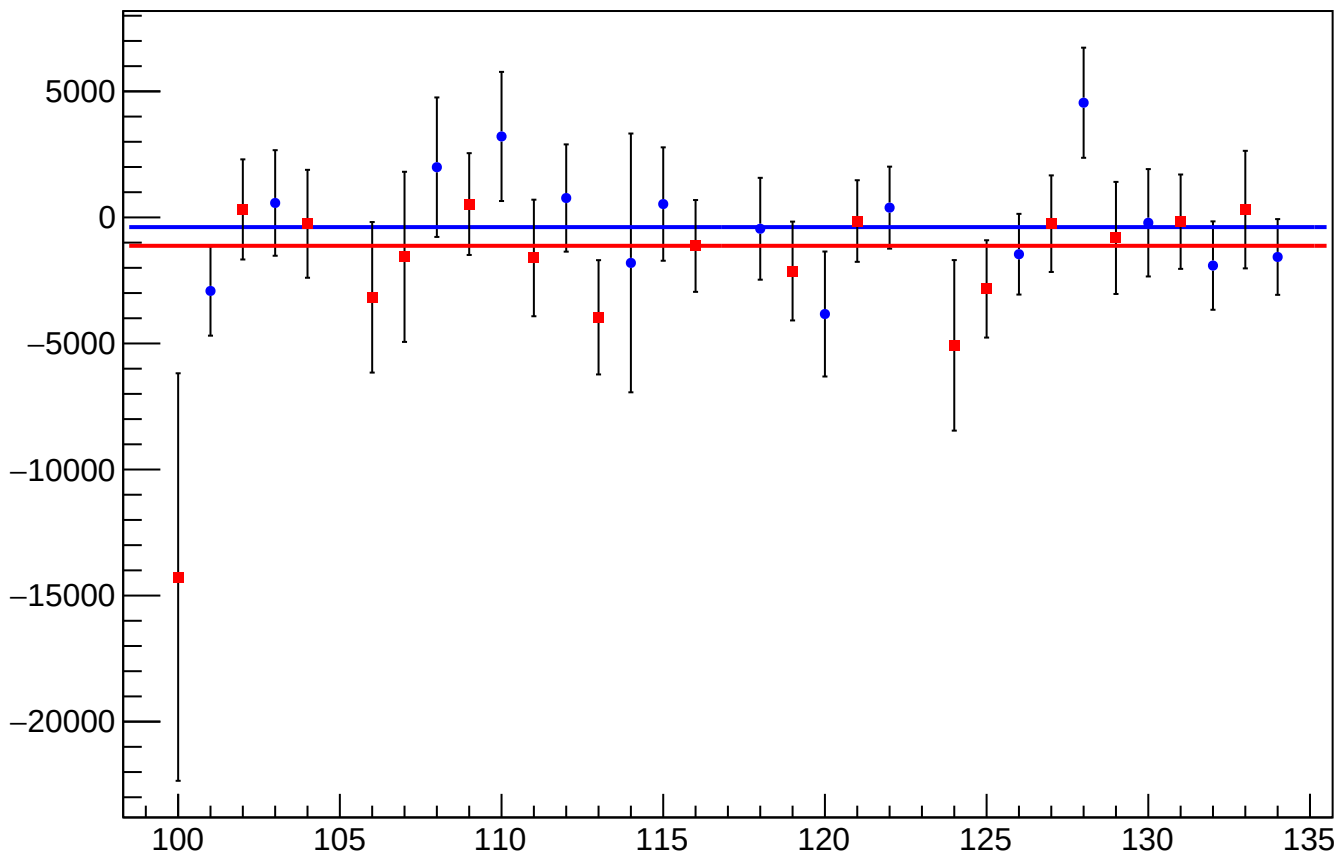
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 109.073 $\pm$ 0.022 χ^2 /NDF: 1921900.5/31

- sign 0.000 $\pm$ 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: -1125.994 ± 530.157 χ^2/NDF : 9.8/16

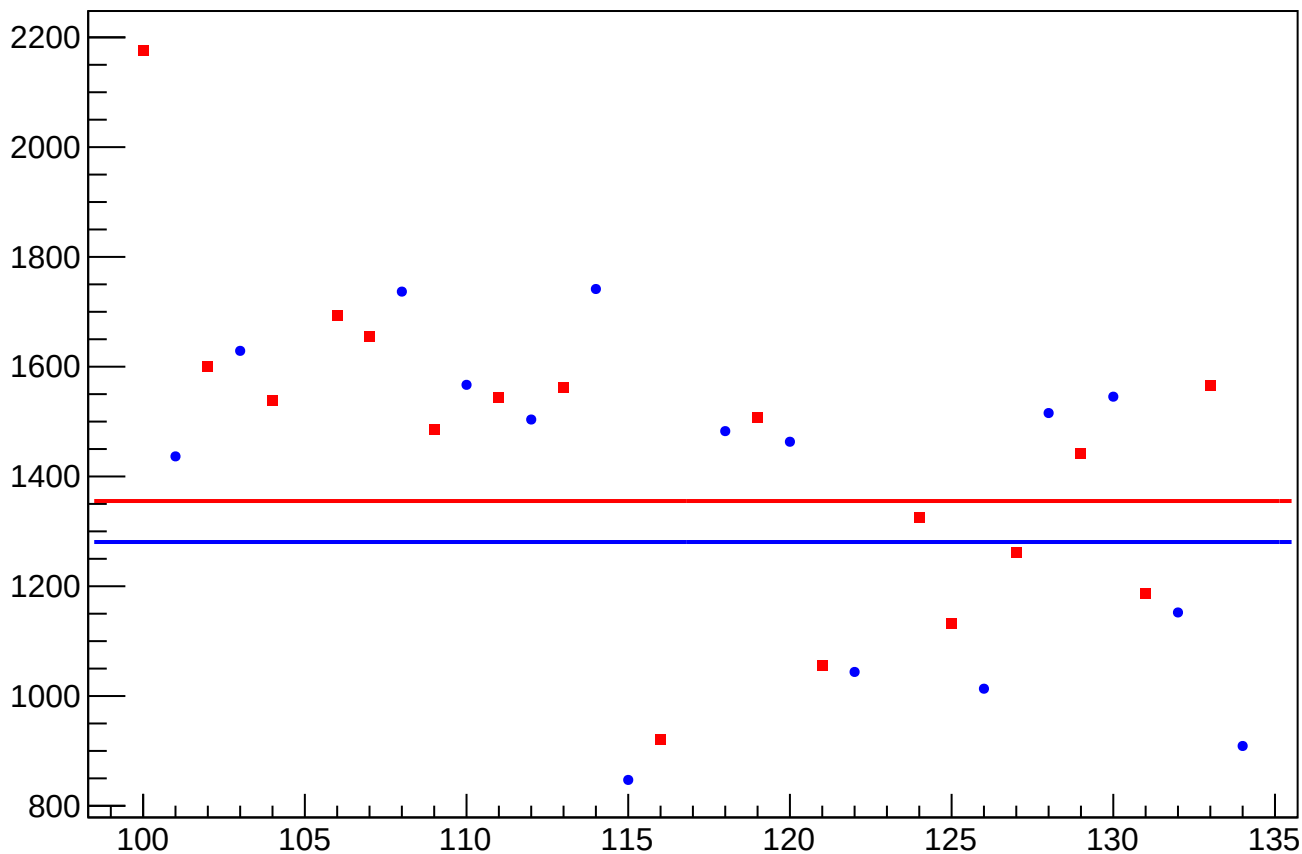
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -749.864 ± 372.211 χ^2/NDF : 25.3/31

- 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+/-0.370 χ^2/NDF : 578729.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1355.283+/-0.375 χ^2/NDF : 407270.0/16

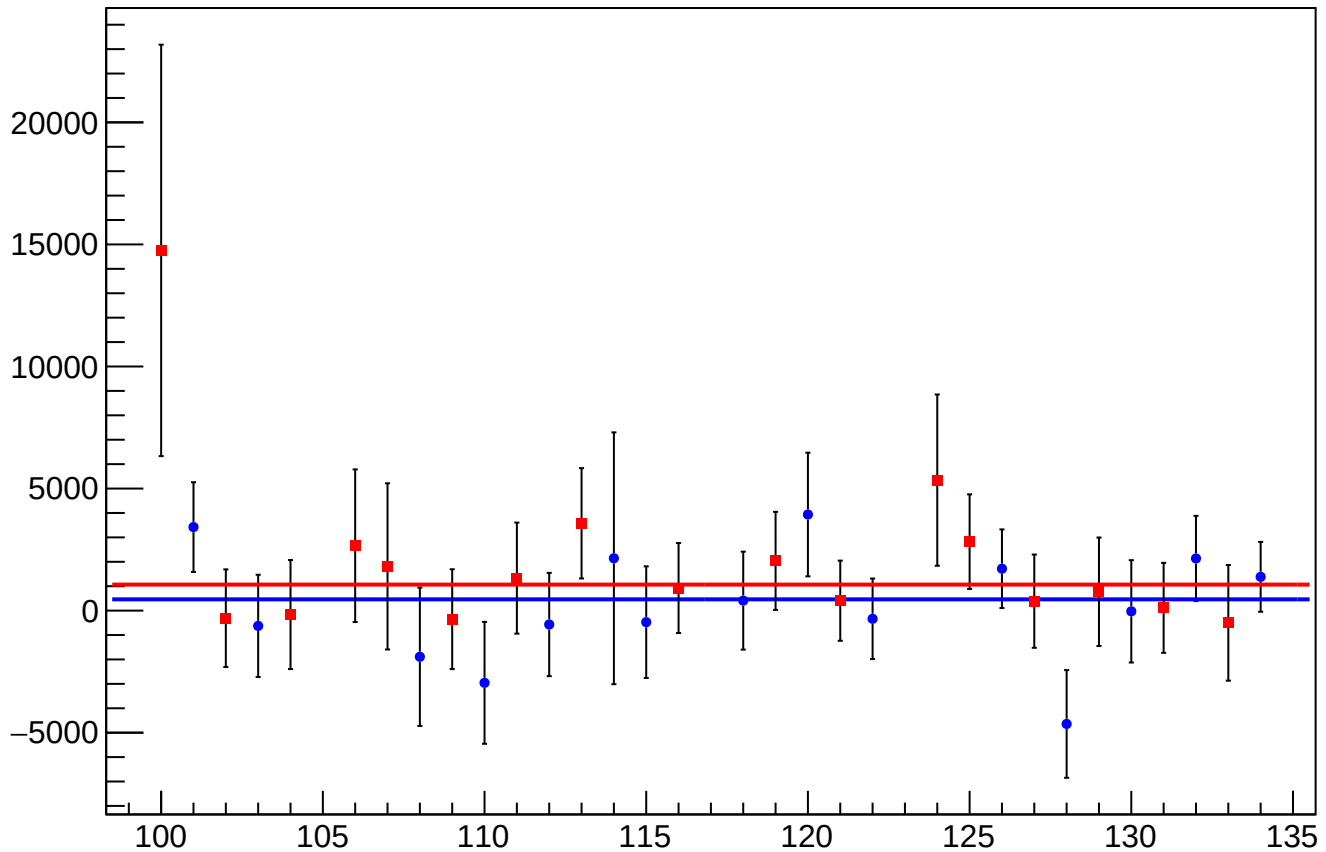
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1317.416+/-0.263 χ^2/NDF : 1006121.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_mean vs Slug



Right In: 461.836+/-522.057 χ^2/NDF : 15.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1066.142+/-535.147 χ^2/NDF : 9.0/16

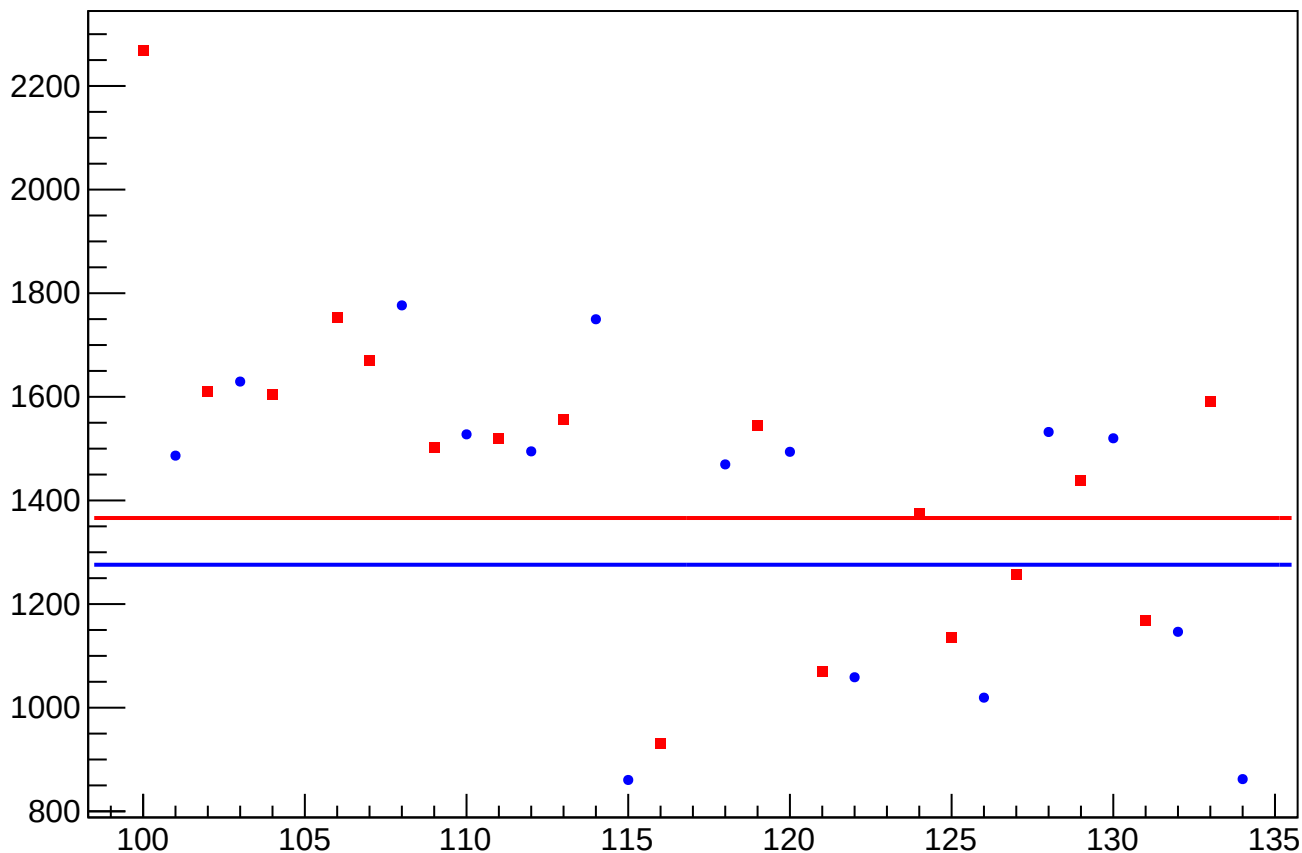
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 756.508+/-373.692 χ^2/NDF : 25.1/31

- sign 0.000+/-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: 1366.117+/-0.378 χ^2/NDF : 424356.9/16

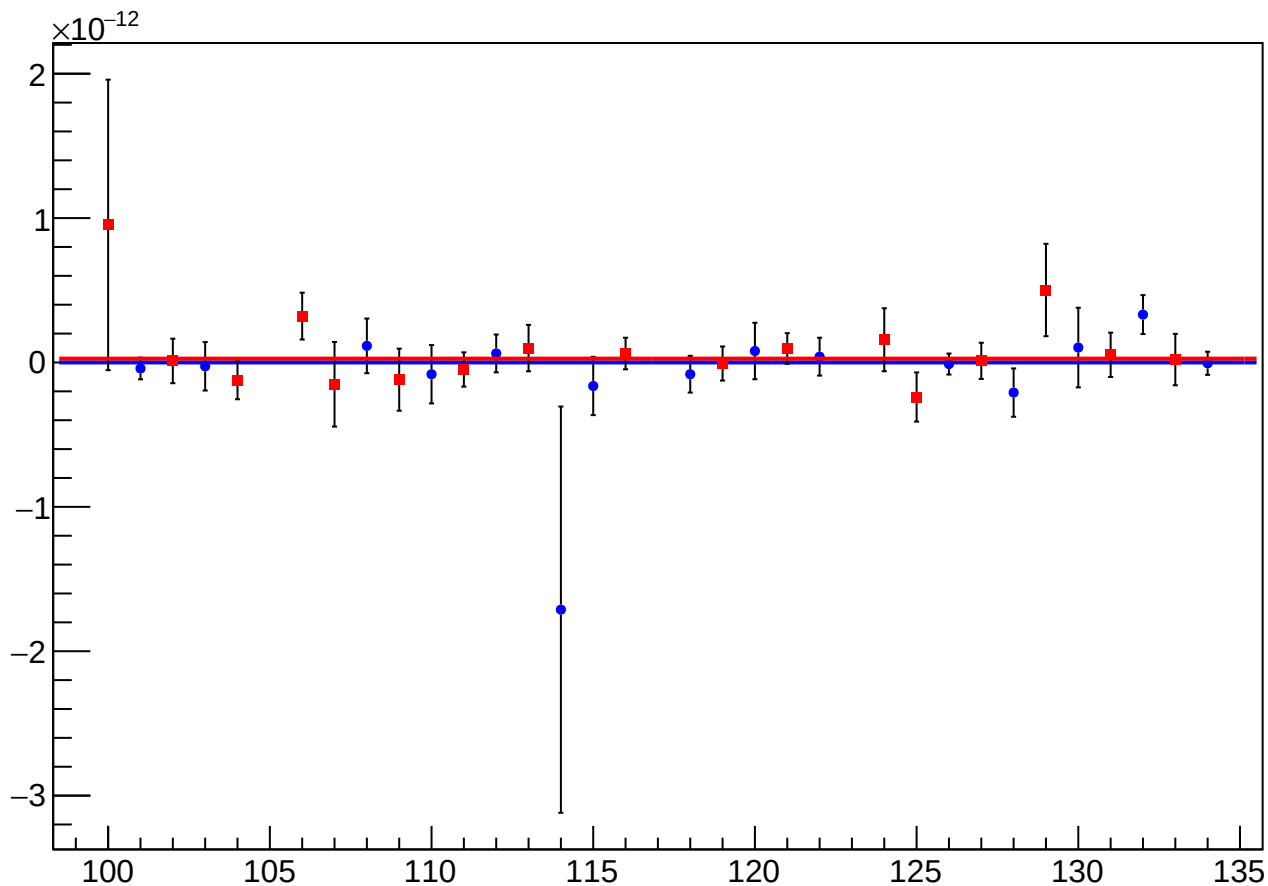
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1319.897+/-0.264 χ^2/NDF : 1075065.3/31

- 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: 12.6/16

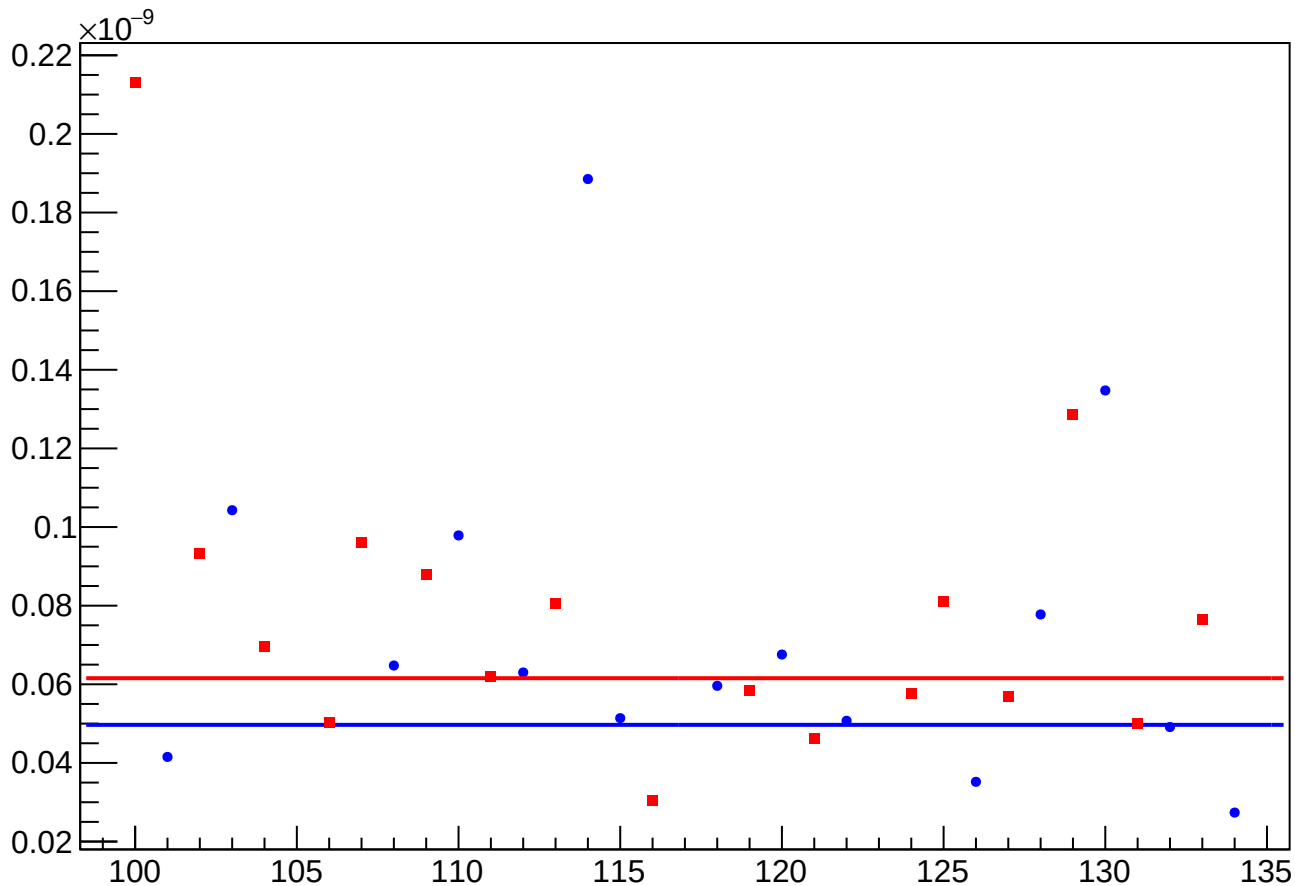
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 24.5/31

- 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+/-0.000 χ^2/NDF : 912005.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 580573.9/16

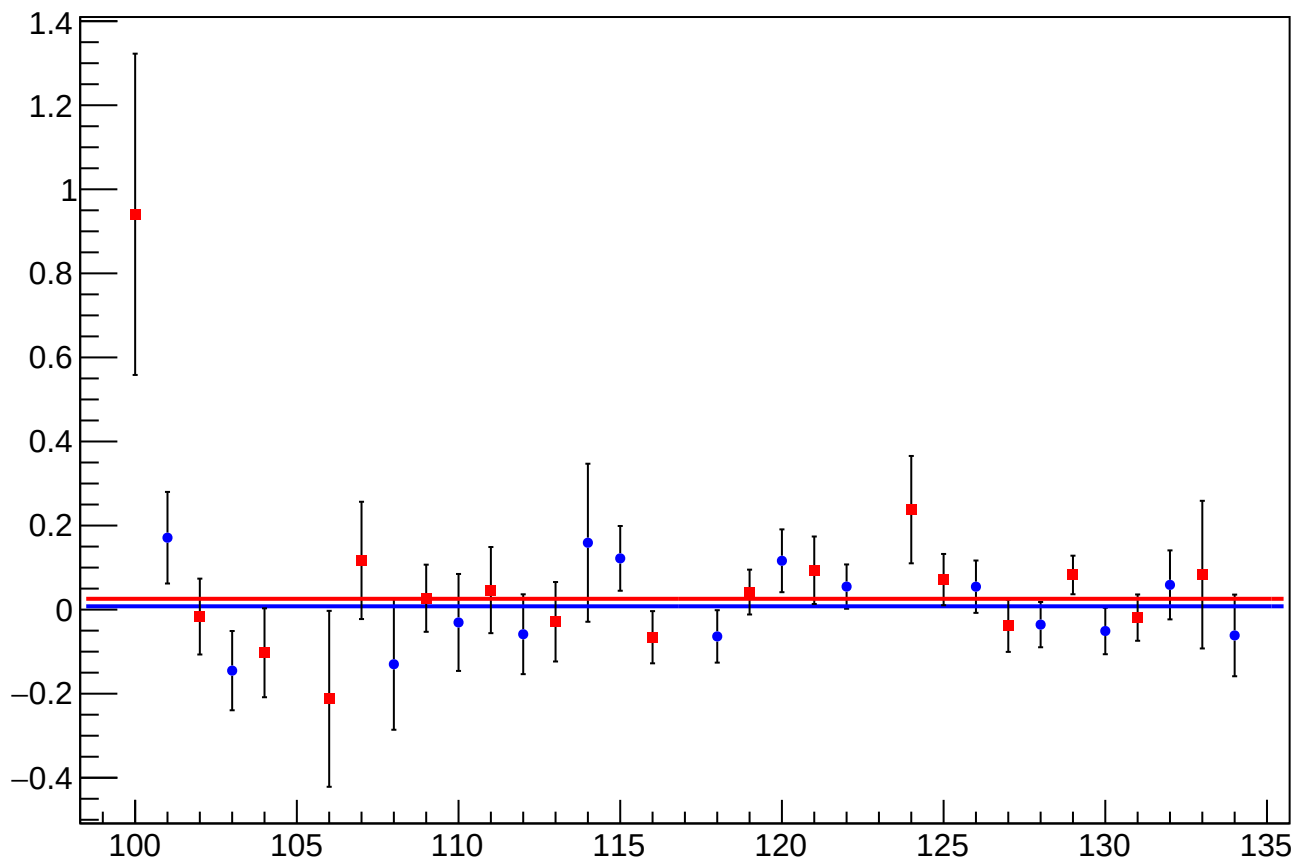
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1608326.7/31

- sign 0.000+/-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: 0.026 $\pm$ 0.019 χ^2 /NDF: 19.2/16

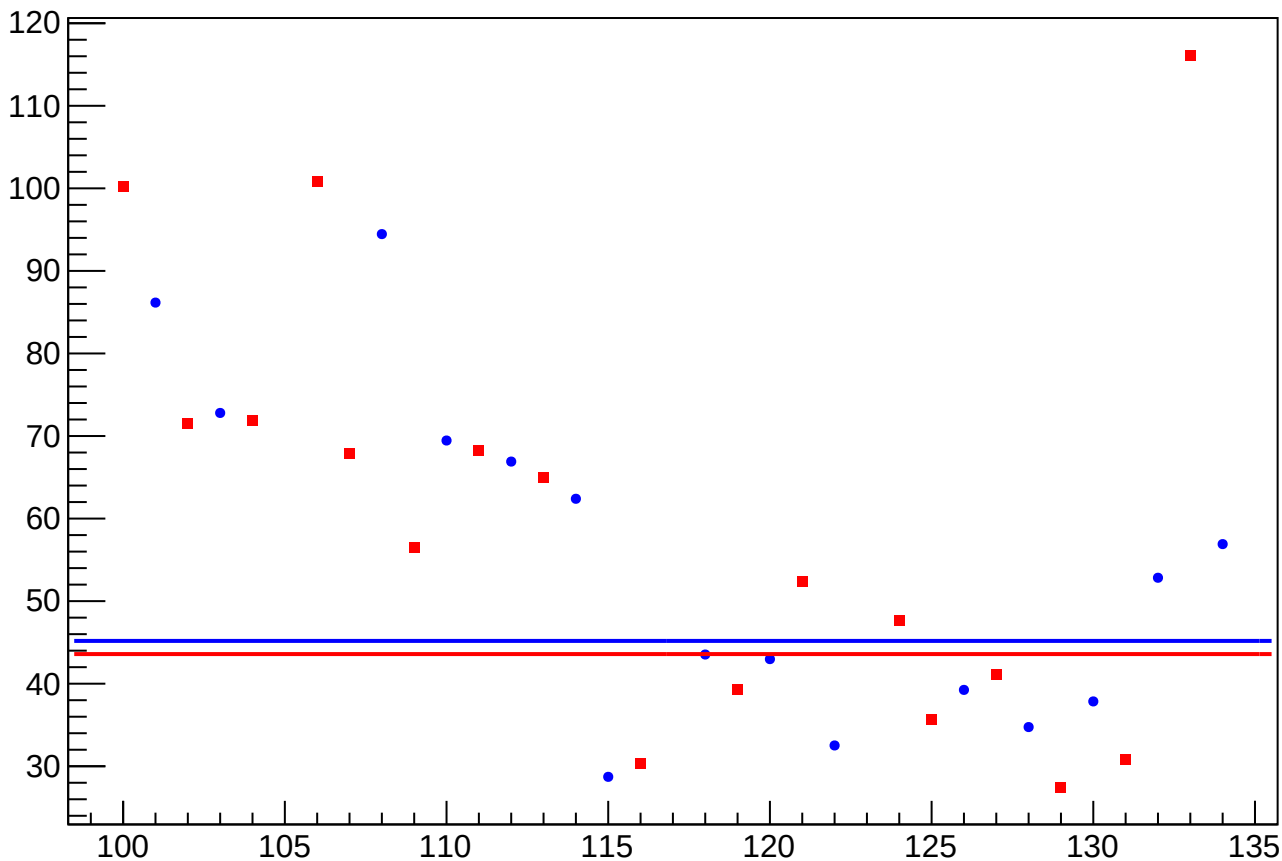
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.014 χ^2 /NDF: 36.2/31

- 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+/-0.014 χ^2/NDF : 1249153.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.588+/-0.013 χ^2/NDF : 1721589.5/16

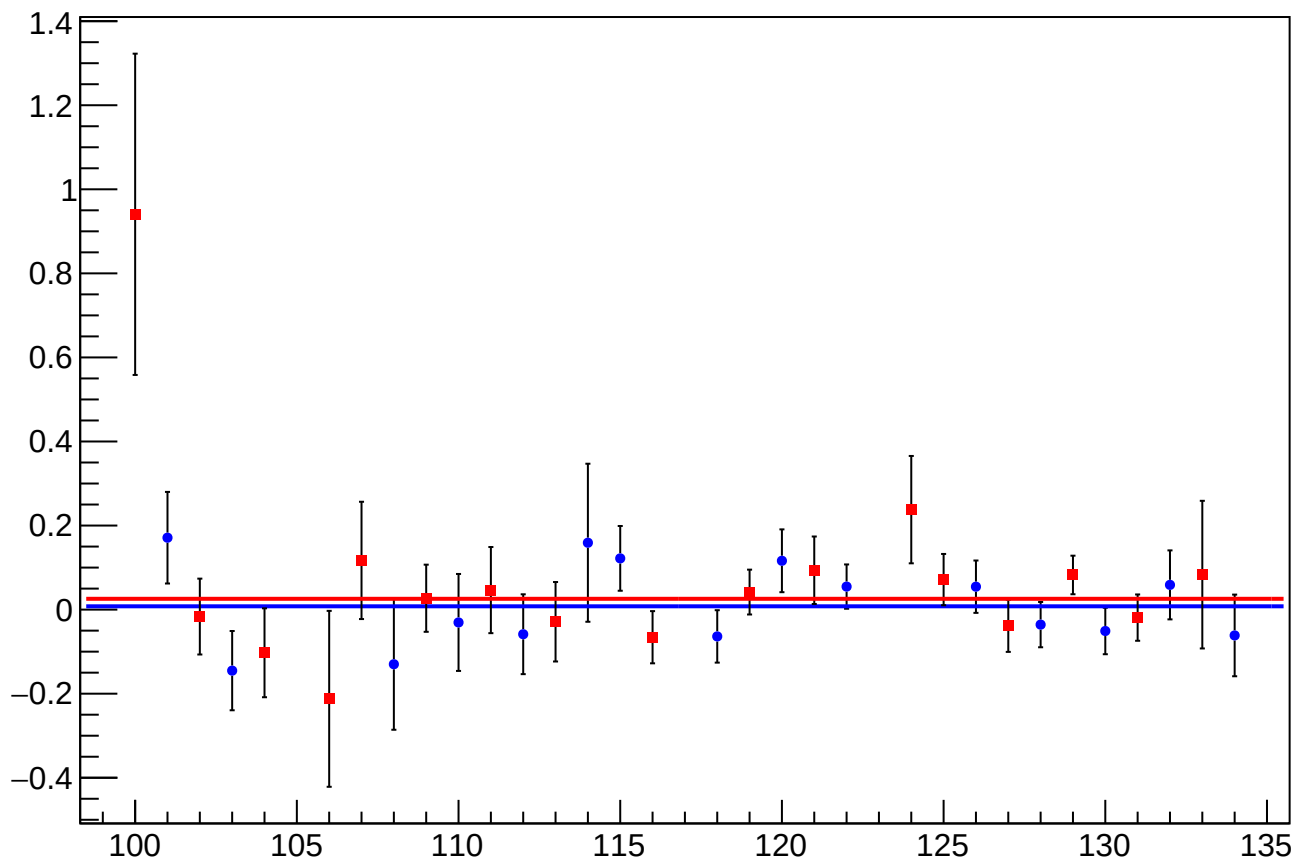
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.348+/-0.010 χ^2/NDF : 2977656.9/31

- sign 0.000+/-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: 0.026 $\pm$ 0.019 χ^2 /NDF: 19.2/16

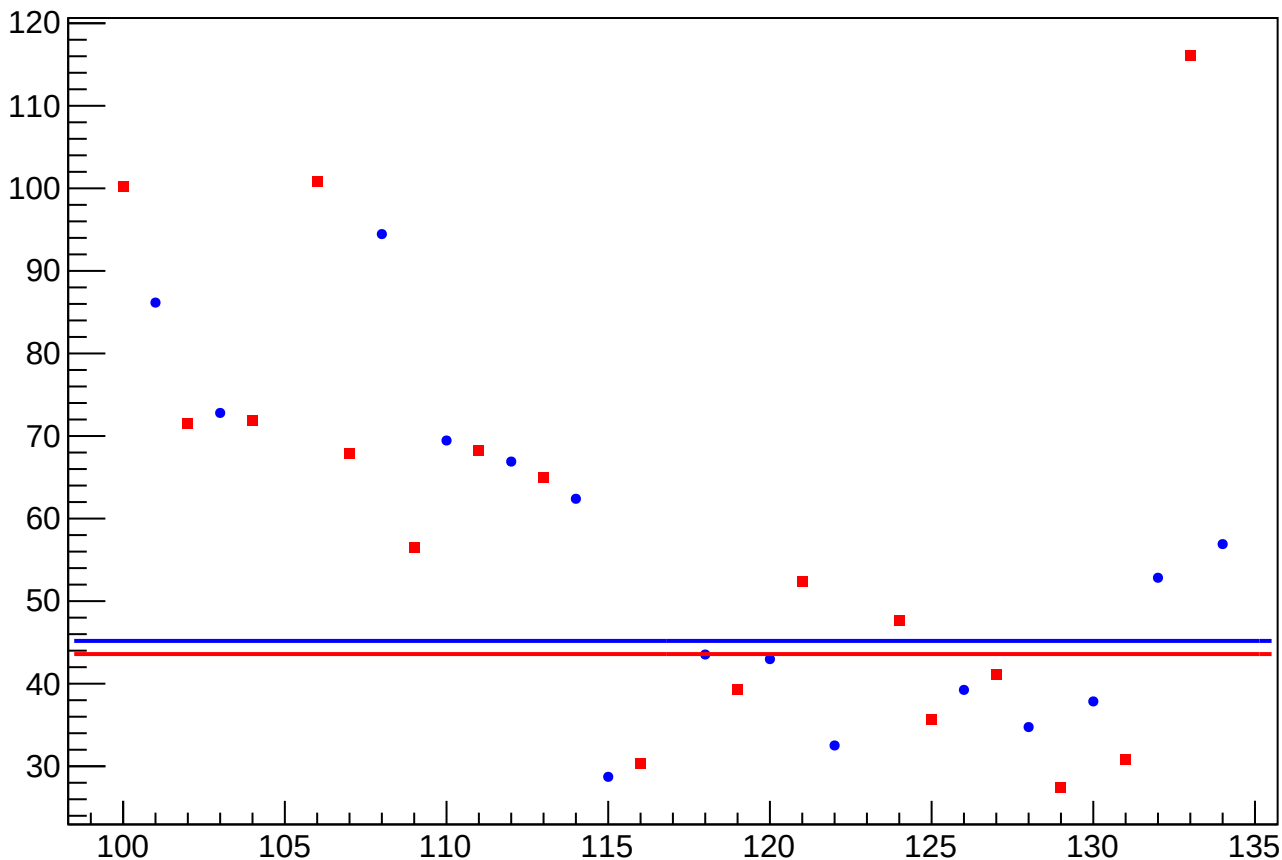
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.014 χ^2 /NDF: 36.2/31

- 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: 43.588+/-0.013 χ^2/NDF : 1721589.5/16

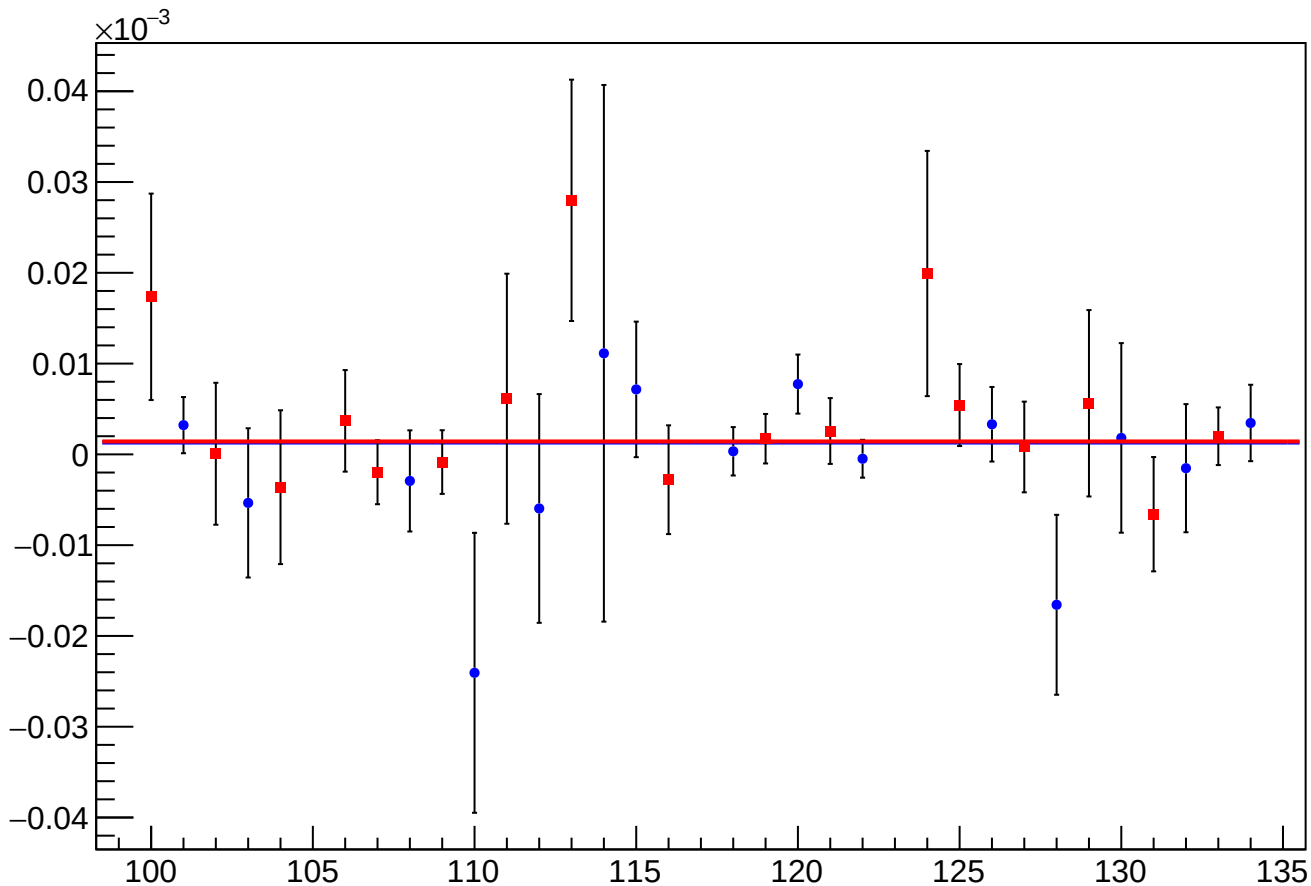
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.348+/-0.010 χ^2/NDF : 2977656.9/31

- 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+/-0.000 χ^2/NDF : 14.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.1/16

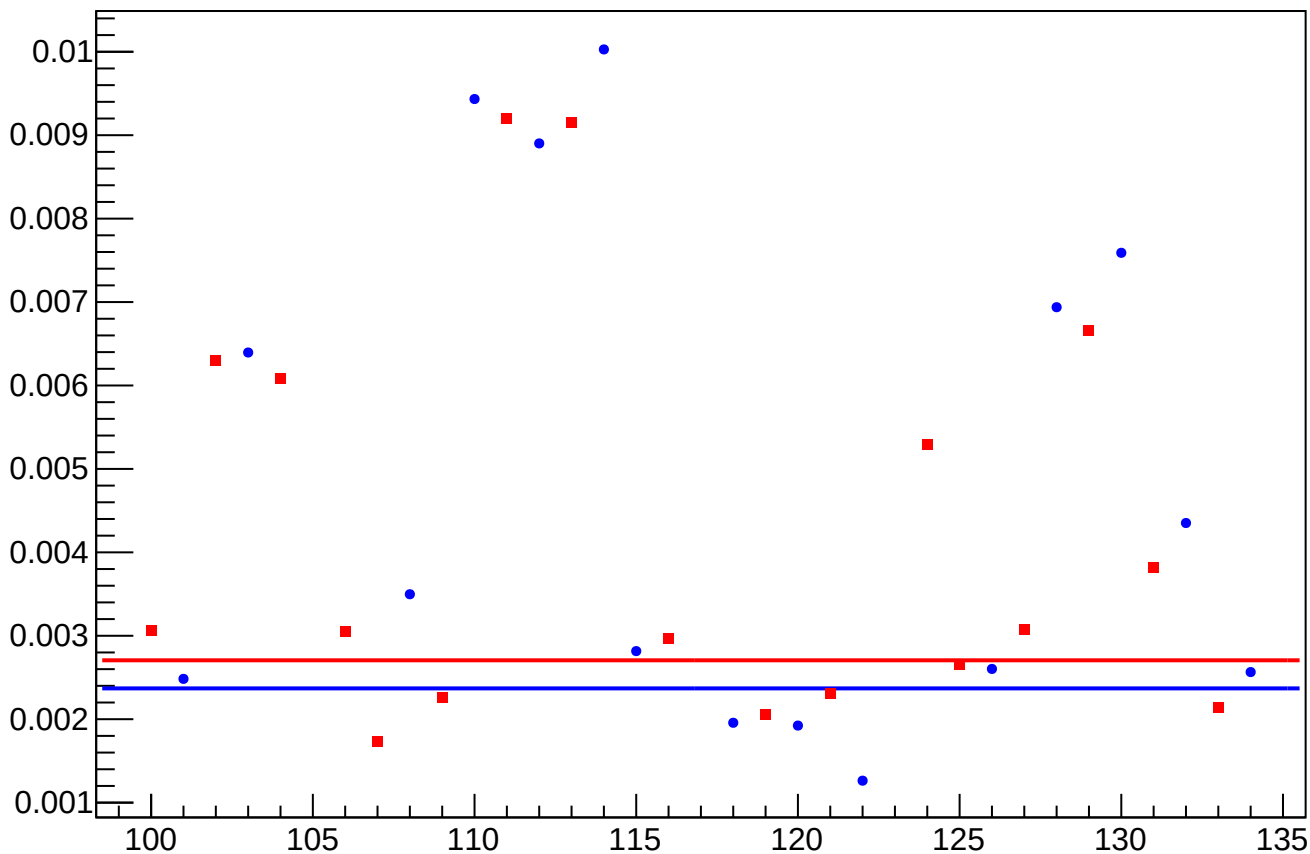
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.2/31

- sign 0.000+/-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 : 2499100.6/16

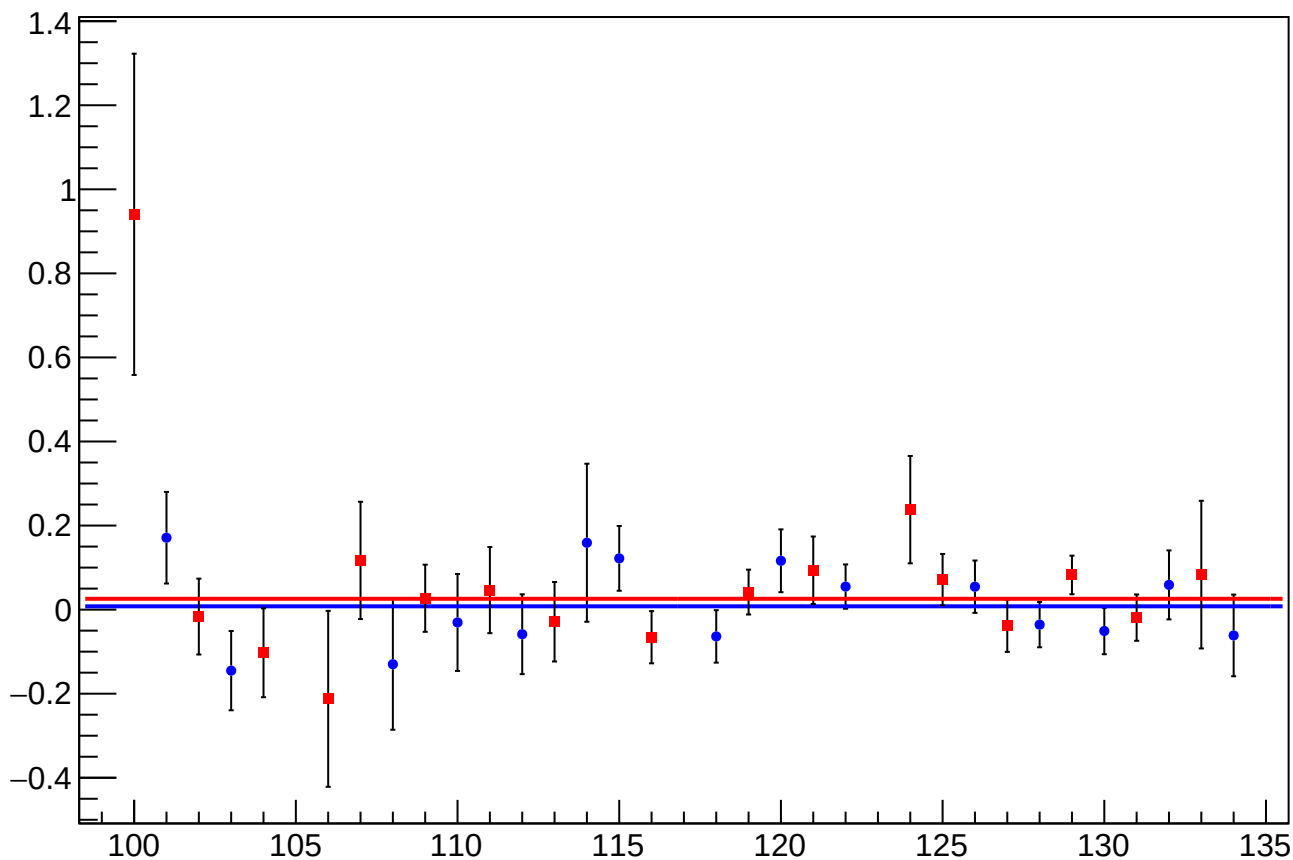
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 5990104.3/31

- 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: 0.026 $\pm$ 0.019 χ^2 /NDF: 19.2/16

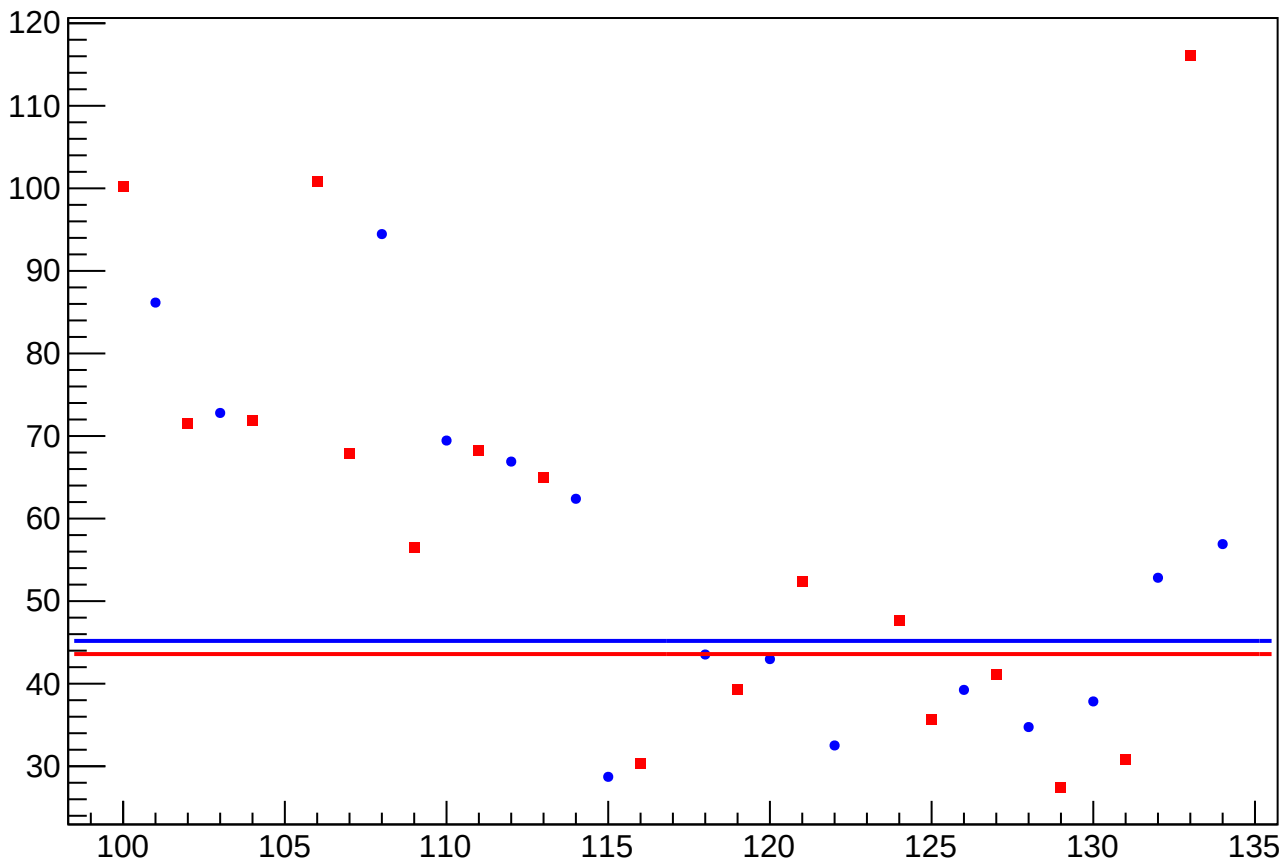
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.014 χ^2 /NDF: 36.2/31

- 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 $\pm$ 0.014 χ^2 /NDF: 1249109.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 43.588 $\pm$ 0.013 χ^2 /NDF: 1721515.5/16

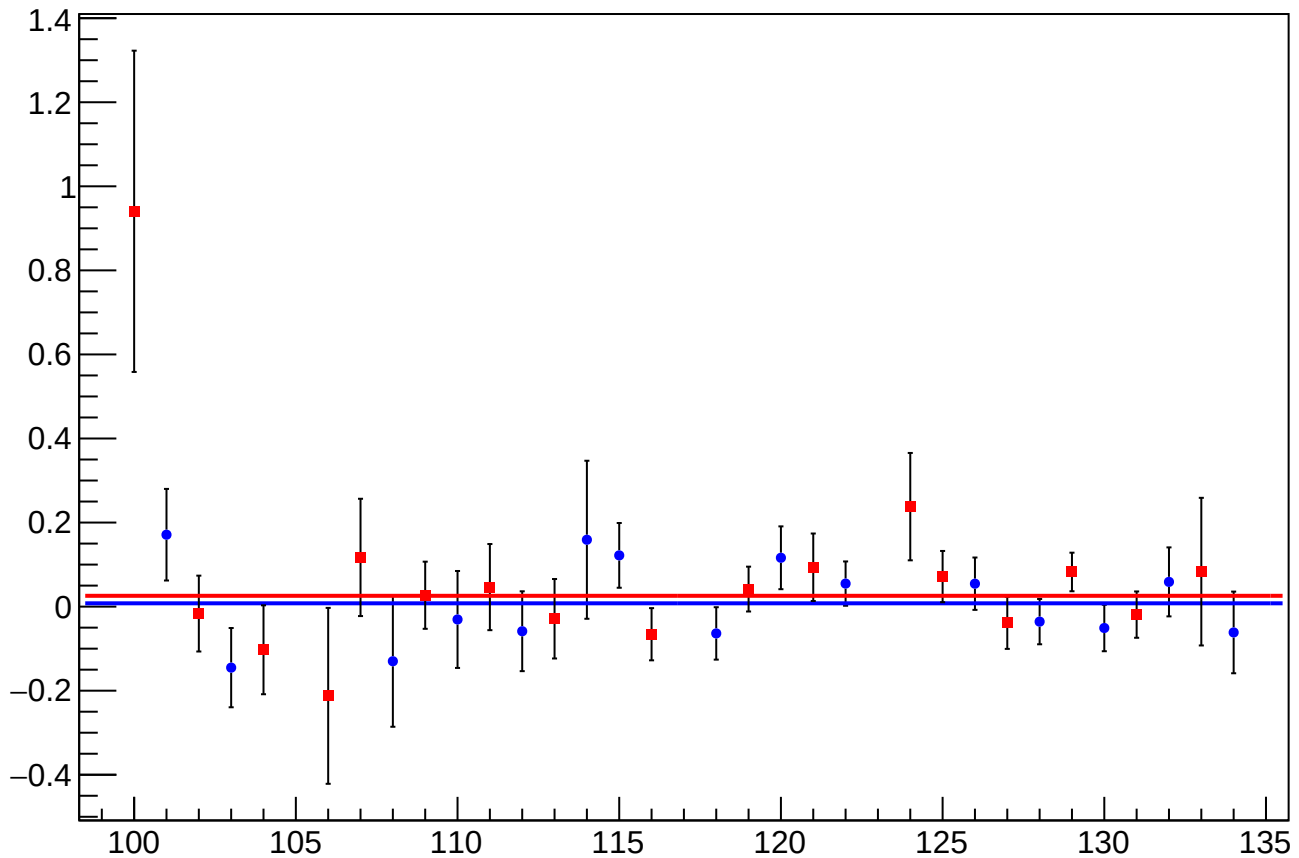
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 44.349 $\pm$ 0.010 χ^2 /NDF: 2977535.5/31

- sign 0.000 $\pm$ 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 $\pm$ 0.020 χ^2 /NDF: 16.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.026 $\pm$ 0.019 χ^2 /NDF: 19.2/16

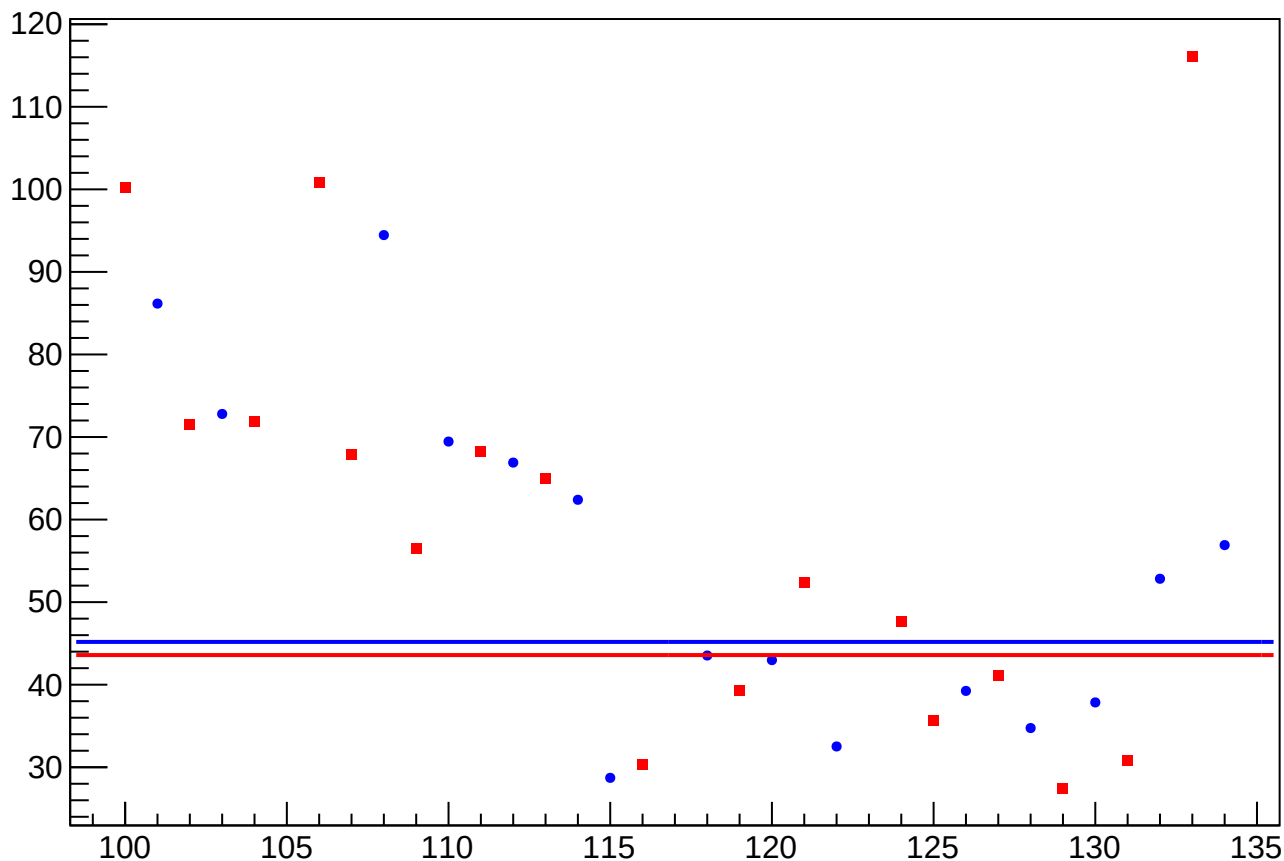
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.014 χ^2 /NDF: 36.2/31

- sign 0.000 $\pm$ 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+/-0.014 χ^2/NDF : 1249109.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.588+/-0.013 χ^2/NDF : 1721515.5/16

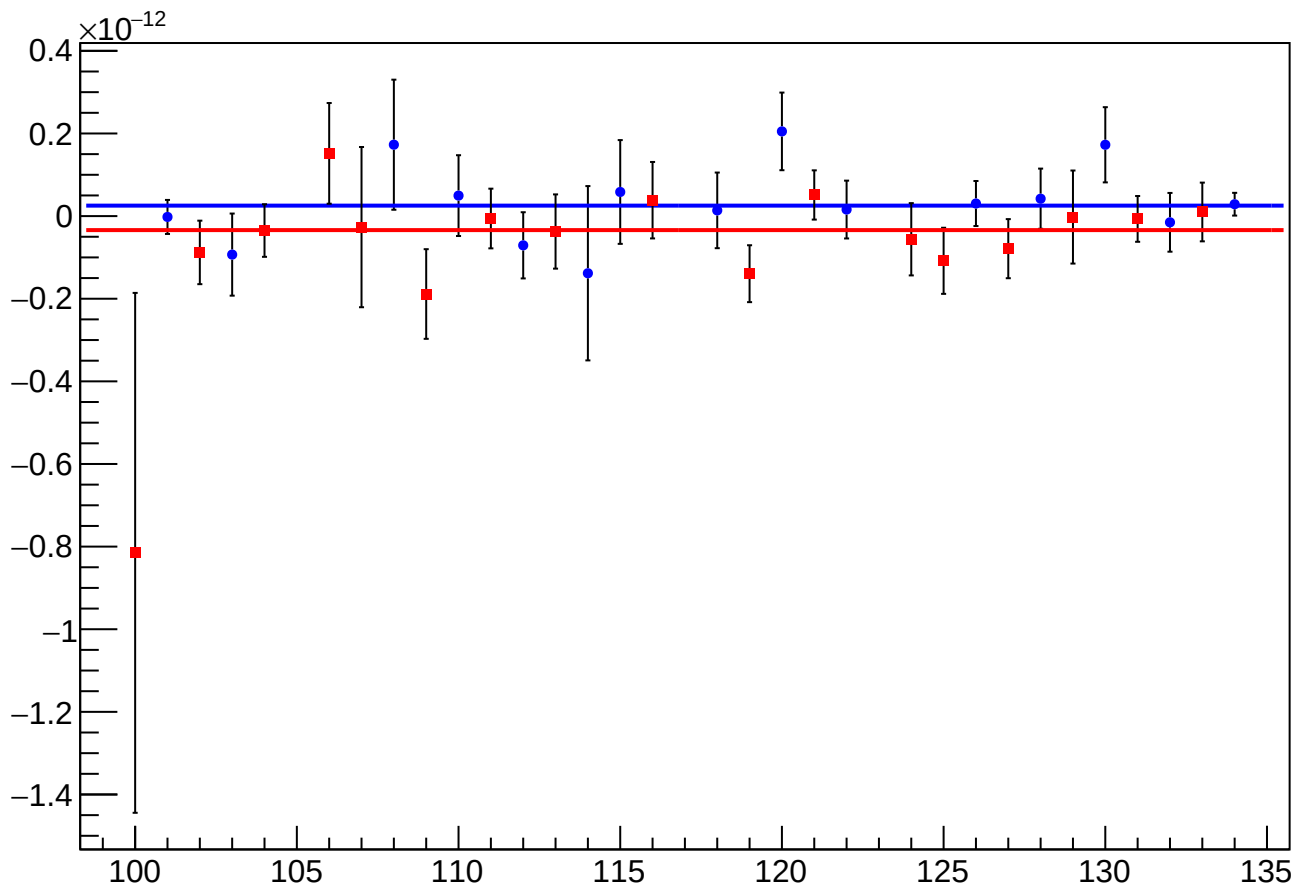
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.349+/-0.010 χ^2/NDF : 2977535.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_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 : 13.6/16

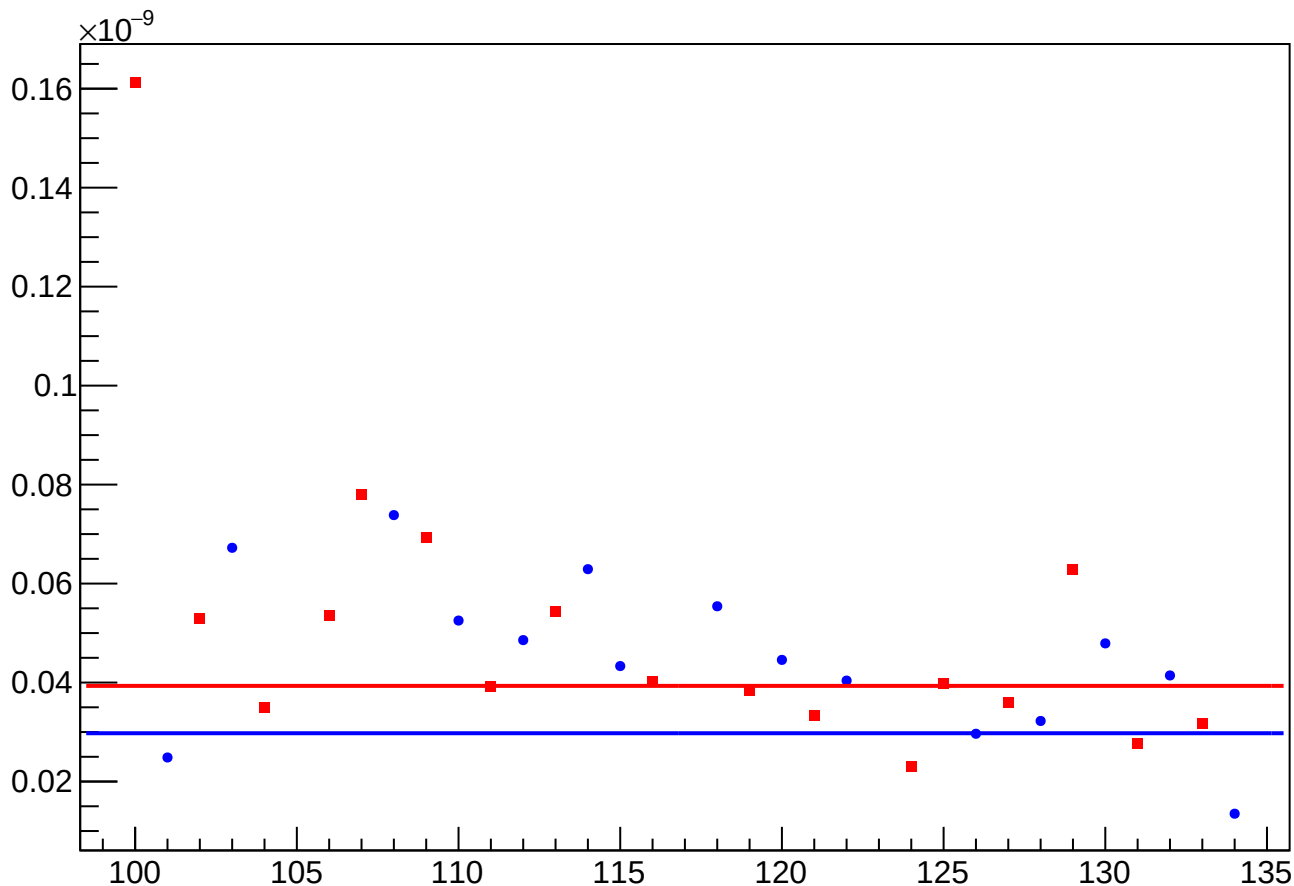
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 30.5/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1847380.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 753937.4/16

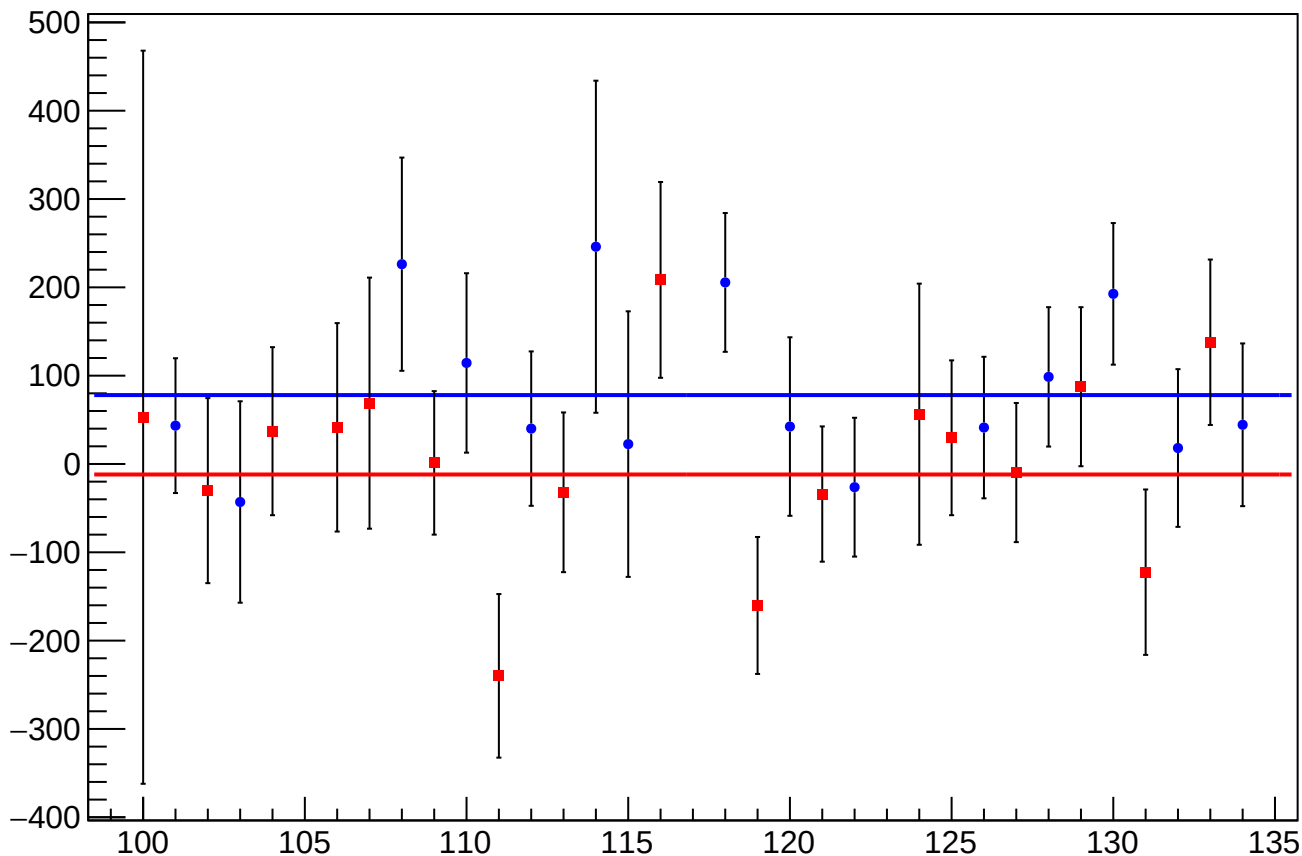
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2880667.7/31

- sign 0.000+/-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: -11.896 $\pm$ 23.404 χ^2 /NDF: 20.3/16

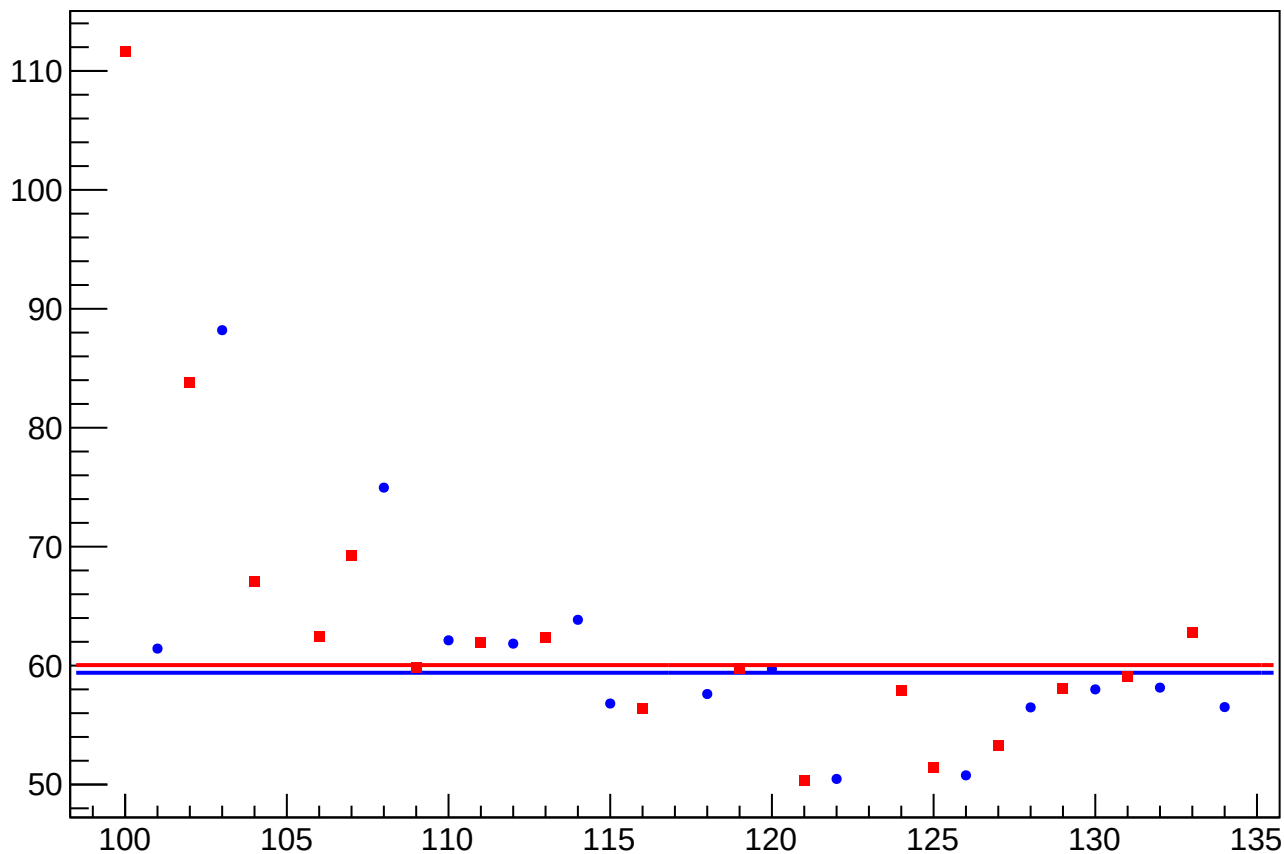
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.162 $\pm$ 16.713 χ^2 /NDF: 39.0/31

- 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+/-0.017 χ^2/NDF : 222731.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.042+/-0.017 χ^2/NDF : 227593.5/16

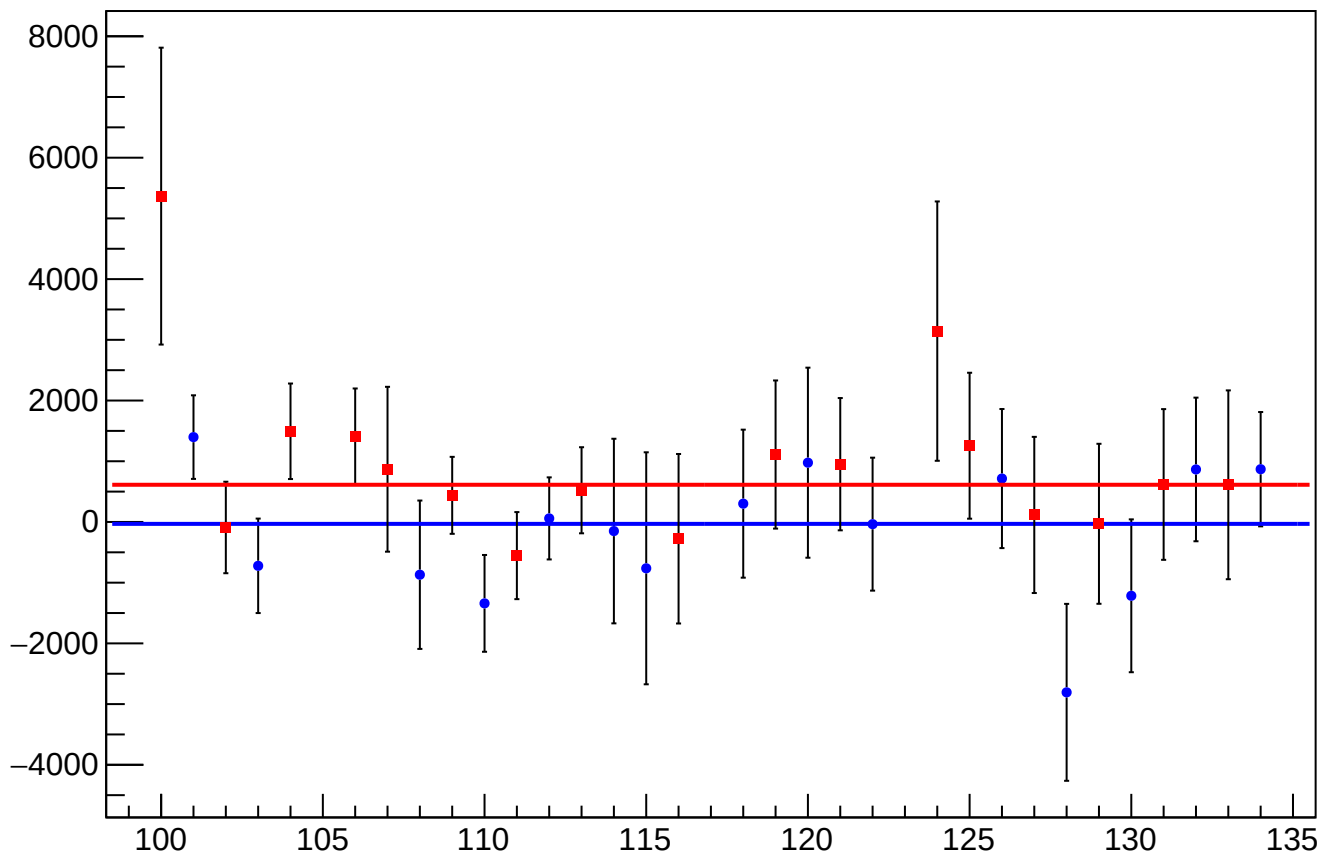
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.726+/-0.012 χ^2/NDF : 451067.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_reg_correction_mean vs Slug



Right In: -31.474 $\pm$ 262.414 χ^2 /NDF: 15.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 612.632 $\pm$ 240.505 χ^2 /NDF: 12.4/16

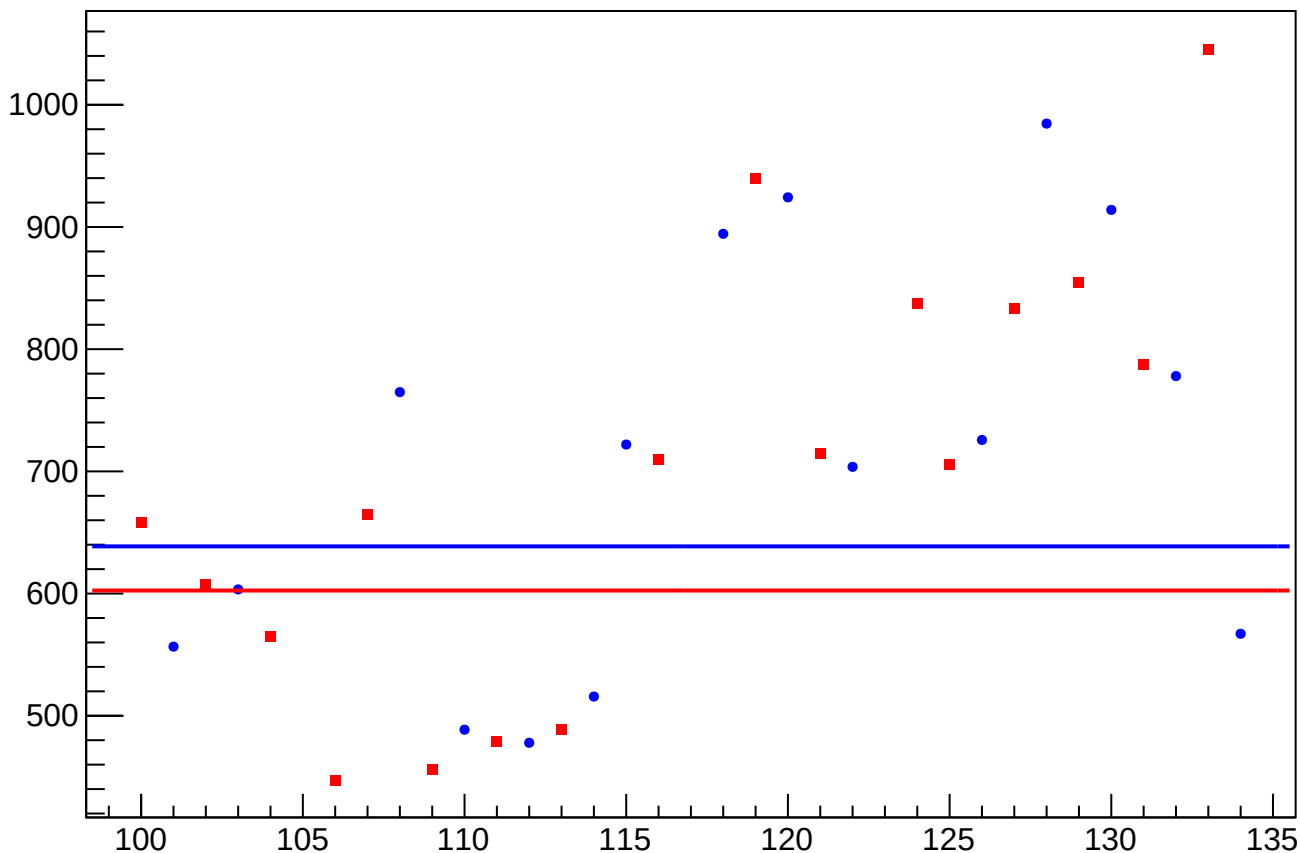
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 318.586 $\pm$ 177.303 χ^2 /NDF: 31.1/31

- sign 0.000 $\pm$ 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

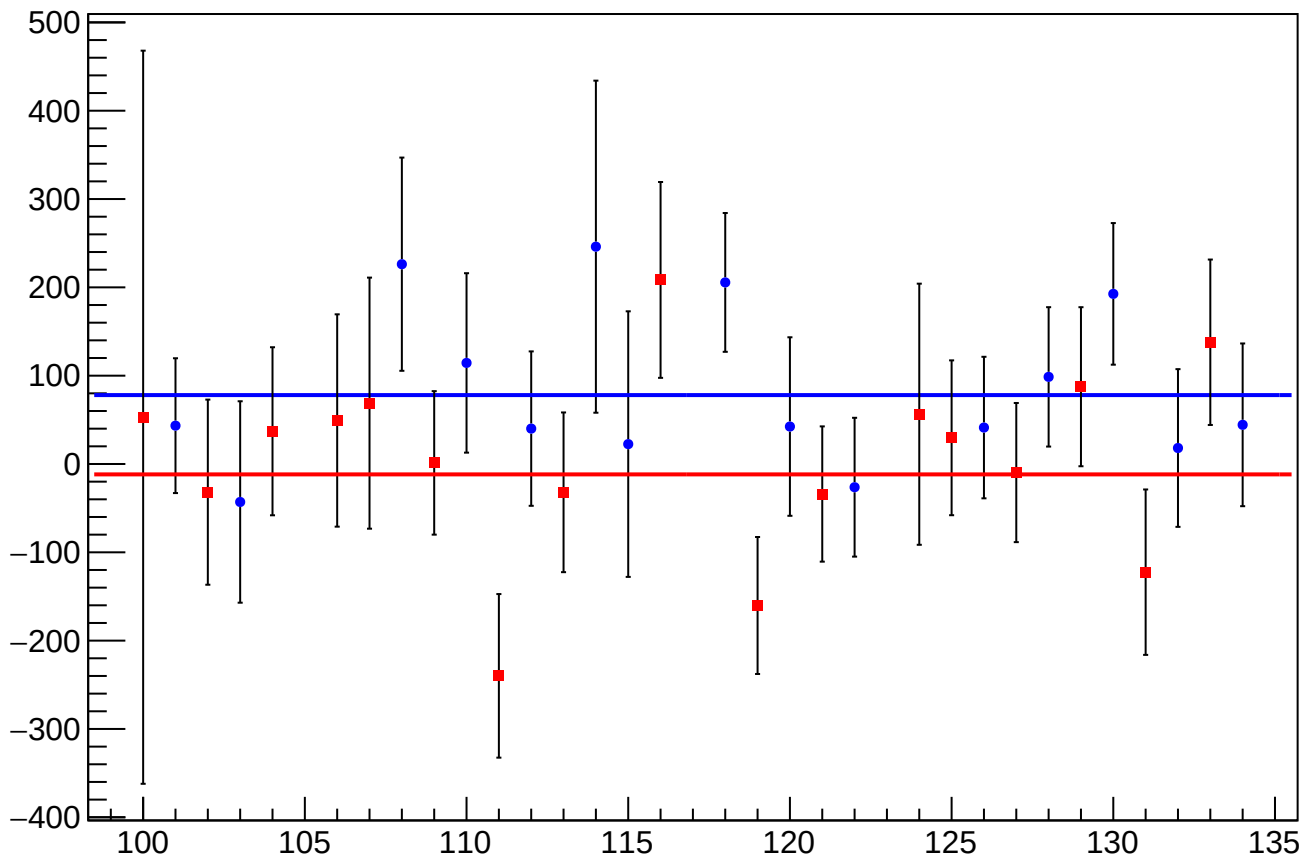
Right Out: 602.488+/-0.170 χ^2/NDF : 873381.6/16

All: 618.989+/-0.125 χ^2/NDF : 1569680.9/31

- 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_sam_15_48_dd_mean vs Slug



Right In: 78.019 $\pm$ 23.875 χ^2 /NDF: 11.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -11.770 $\pm$ 23.421 χ^2 /NDF: 20.3/16

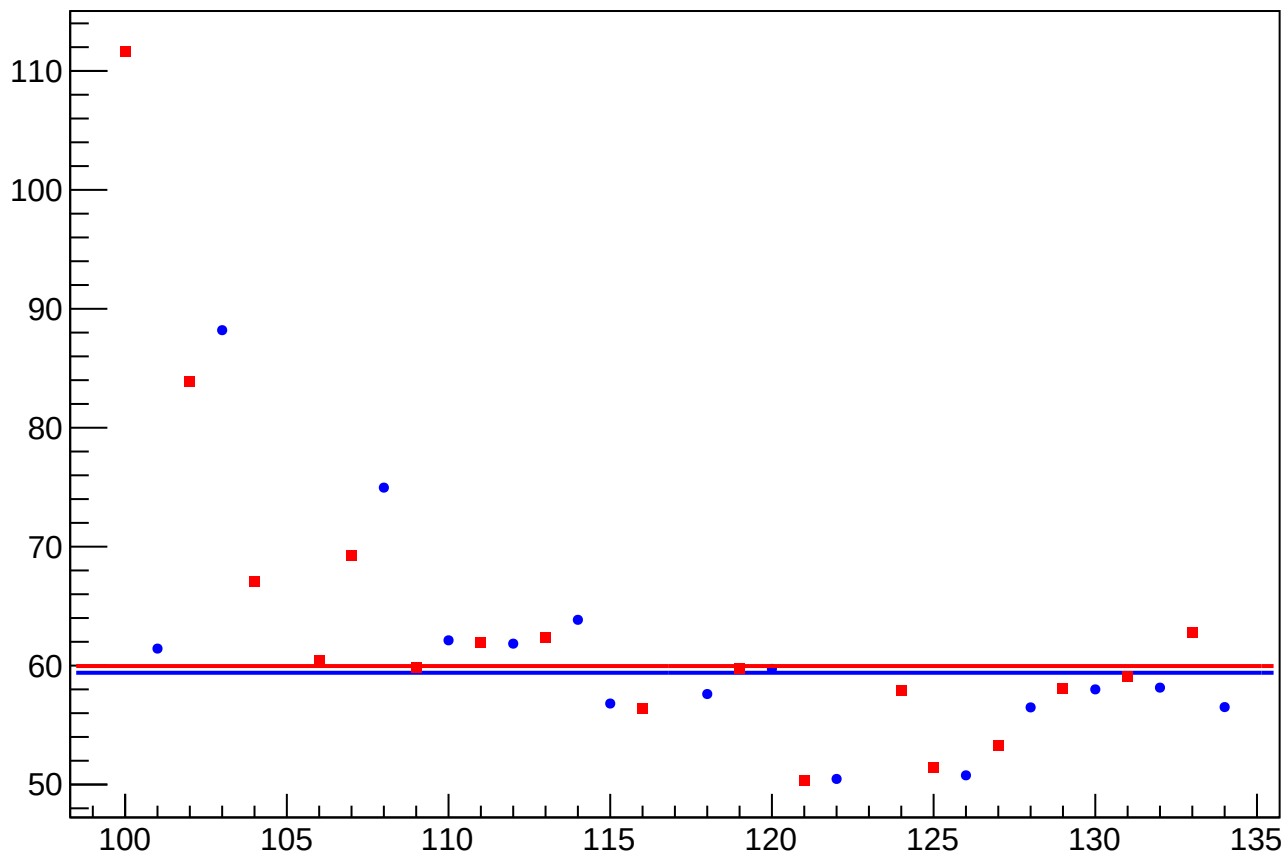
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.263 $\pm$ 16.719 χ^2 /NDF: 39.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_15_48_dd_rms vs Slug



Right In: 59.398+/-0.017 χ^2/NDF : 222734.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.962+/-0.017 χ^2/NDF : 226975.6/16

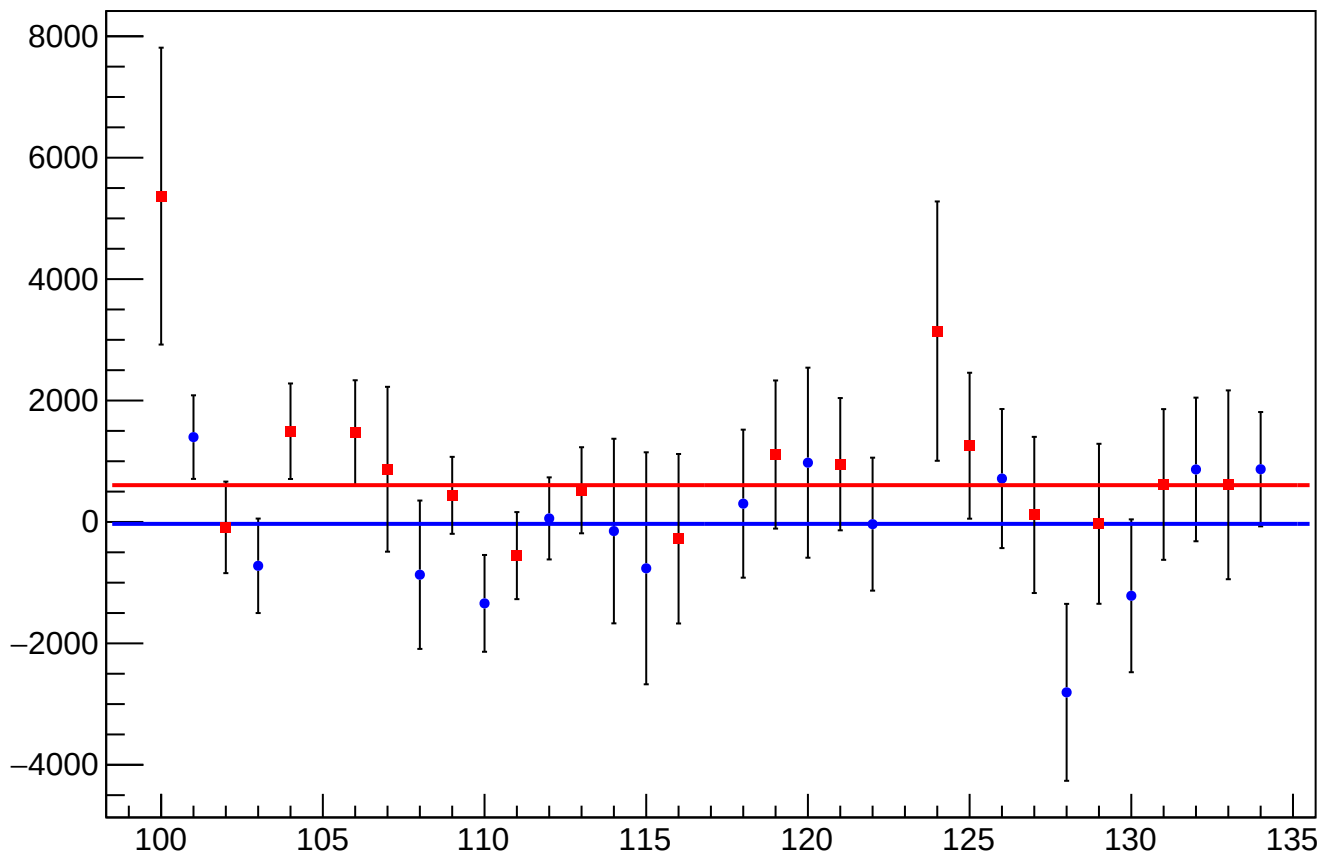
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.685+/-0.012 χ^2/NDF : 450279.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_cor_correction_mean vs Slug



Right In: -31.432 $\pm$ 262.416 χ^2 /NDF: 15.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 606.185 $\pm$ 242.299 χ^2 /NDF: 12.4/16

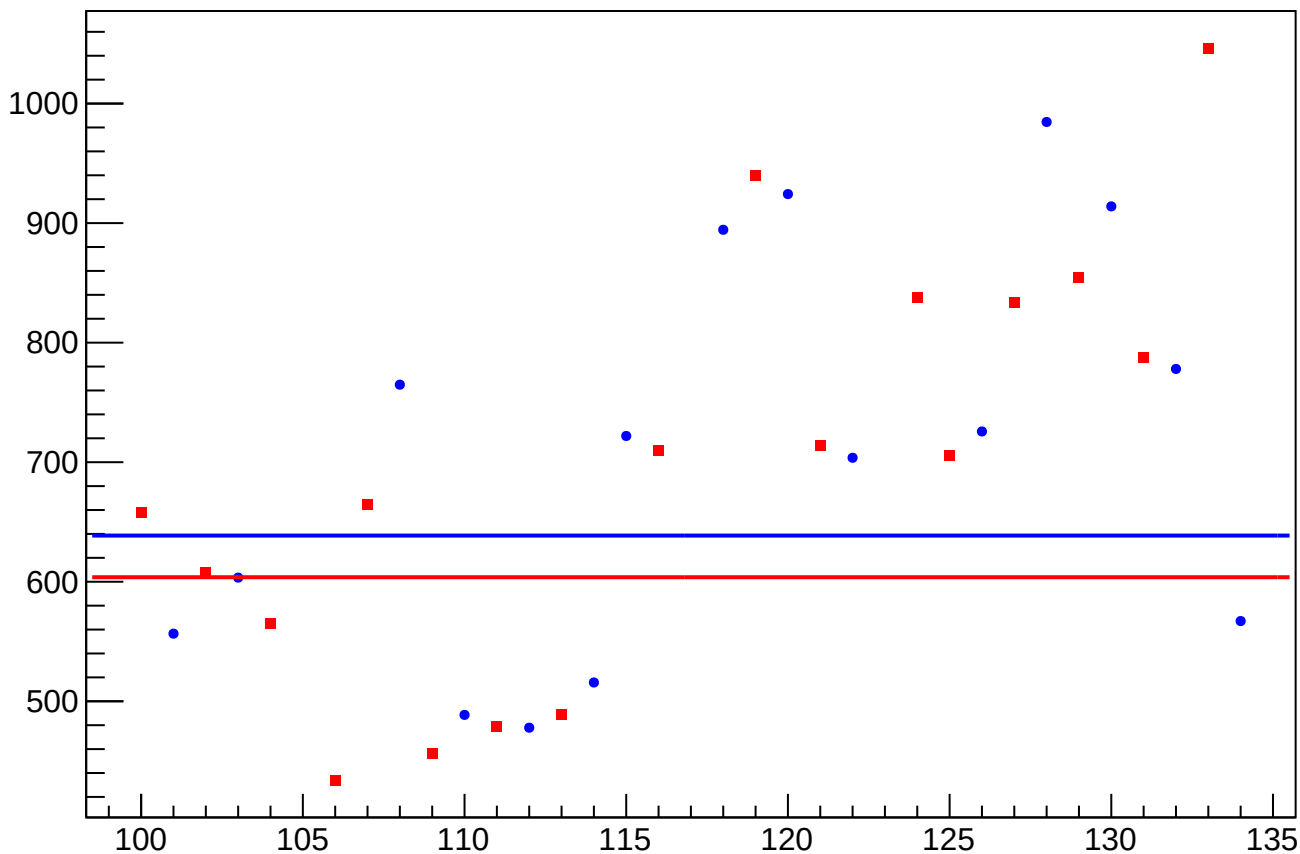
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 312.751 $\pm$ 178.019 χ^2 /NDF: 31.0/31

- sign 0.000 $\pm$ 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: 603.782+/-0.171 χ^2/NDF : 872636.0/16

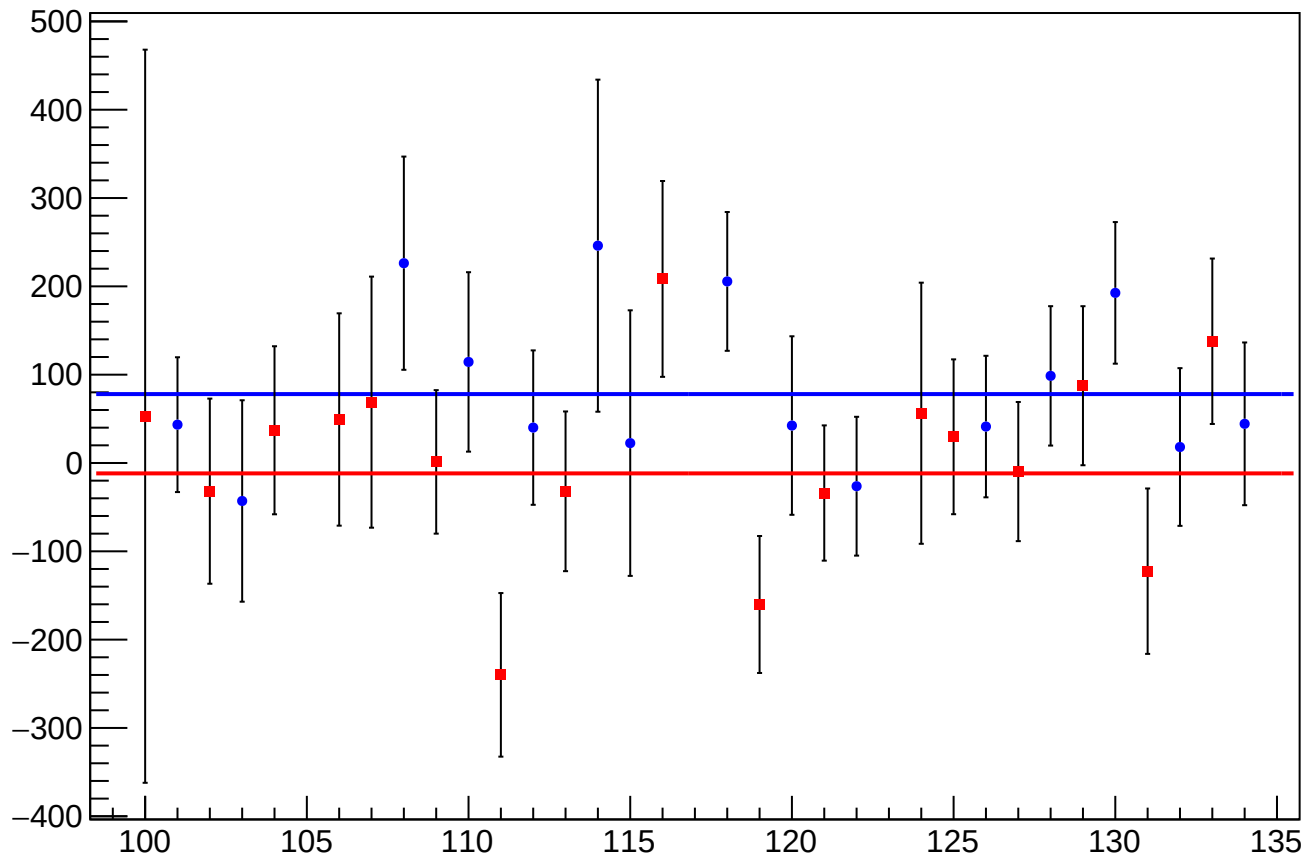
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 619.823+/-0.126 χ^2/NDF : 1567350.4/31

- 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: -11.770+/-23.421 χ^2/NDF : 20.3/16

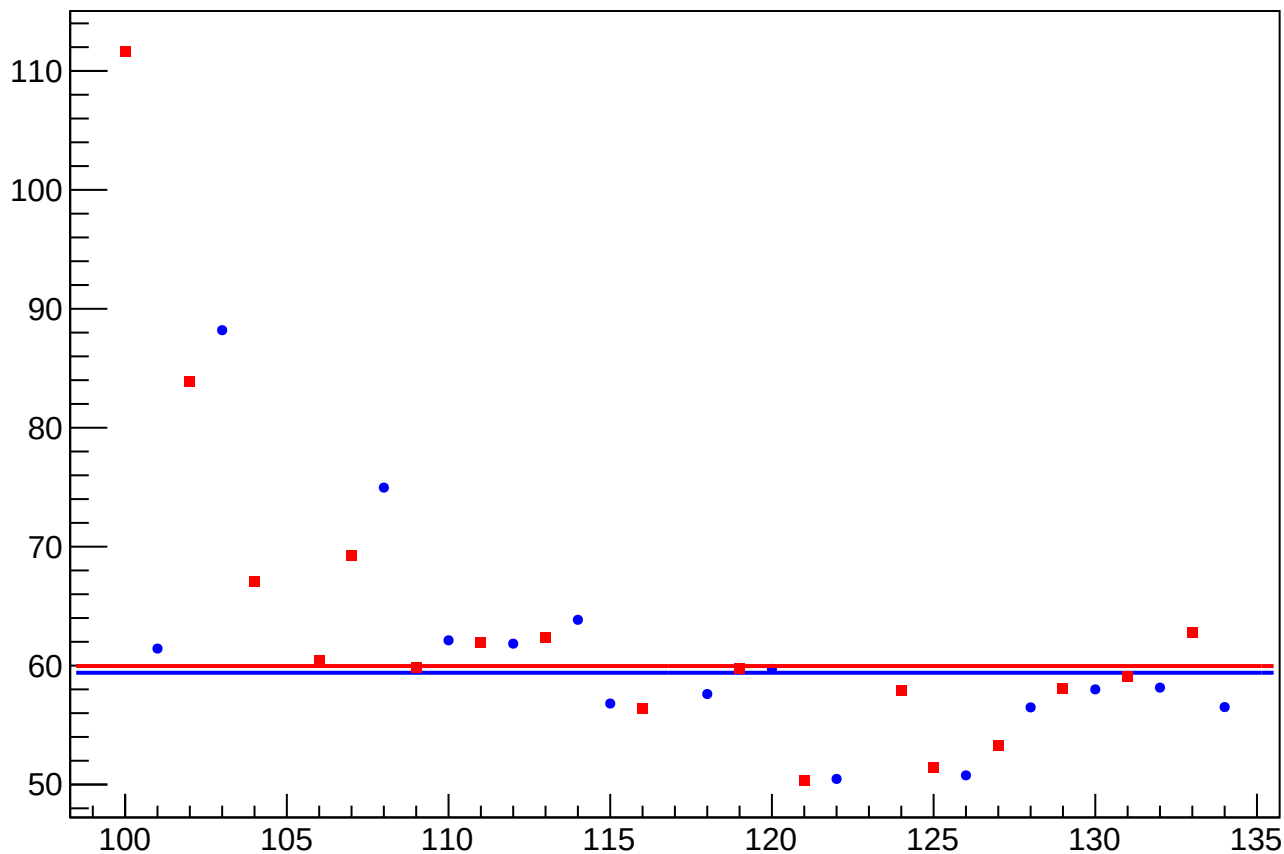
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.263+/-16.719 χ^2/NDF : 39.1/31

- 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+/-0.017 χ^2/NDF : 222734.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.962+/-0.017 χ^2/NDF : 226975.6/16

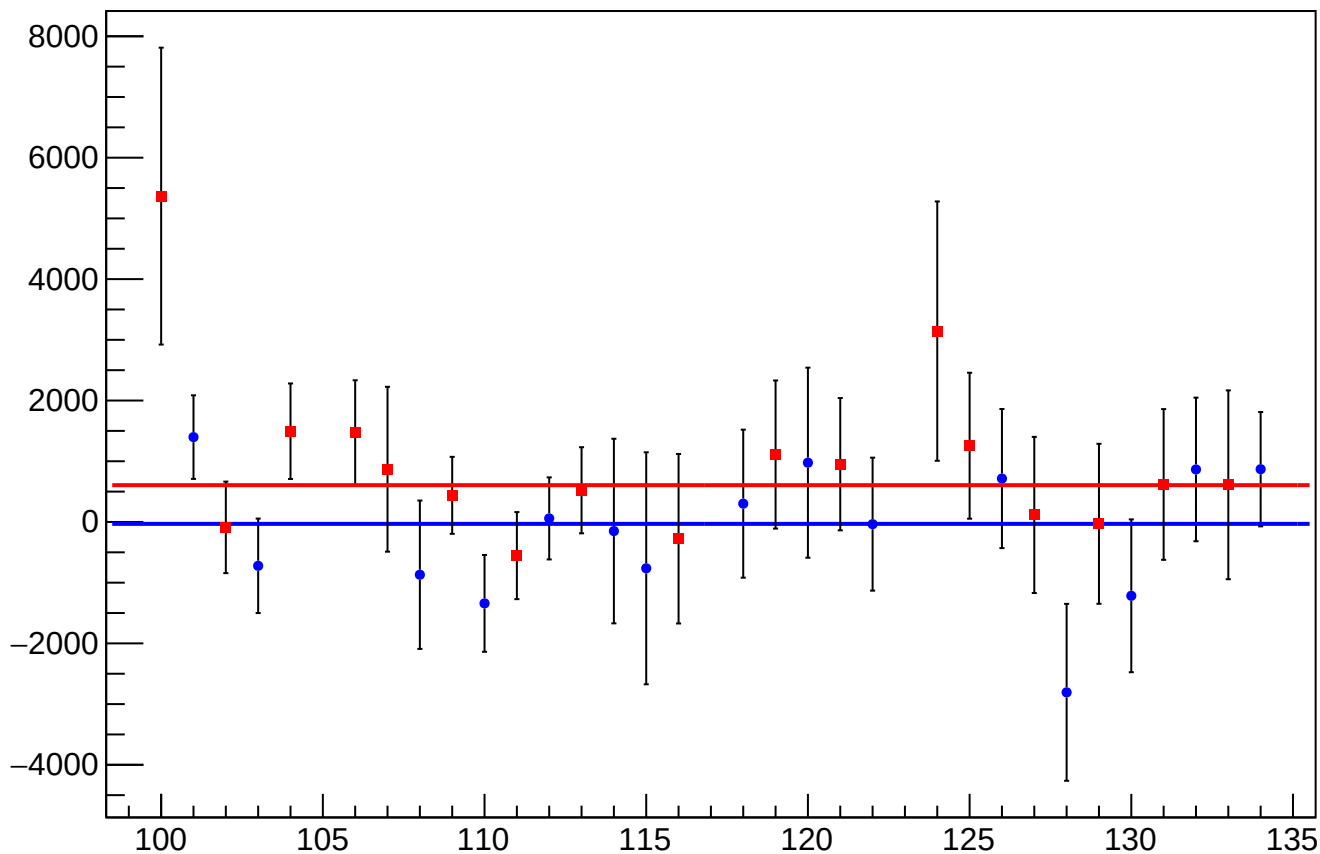
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.685+/-0.012 χ^2/NDF : 450279.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_eigen_cor_correction_mean vs Slug



Right In: -31.432 $\pm$ 262.416 χ^2 /NDF: 15.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 606.185 $\pm$ 242.299 χ^2 /NDF: 12.4/16

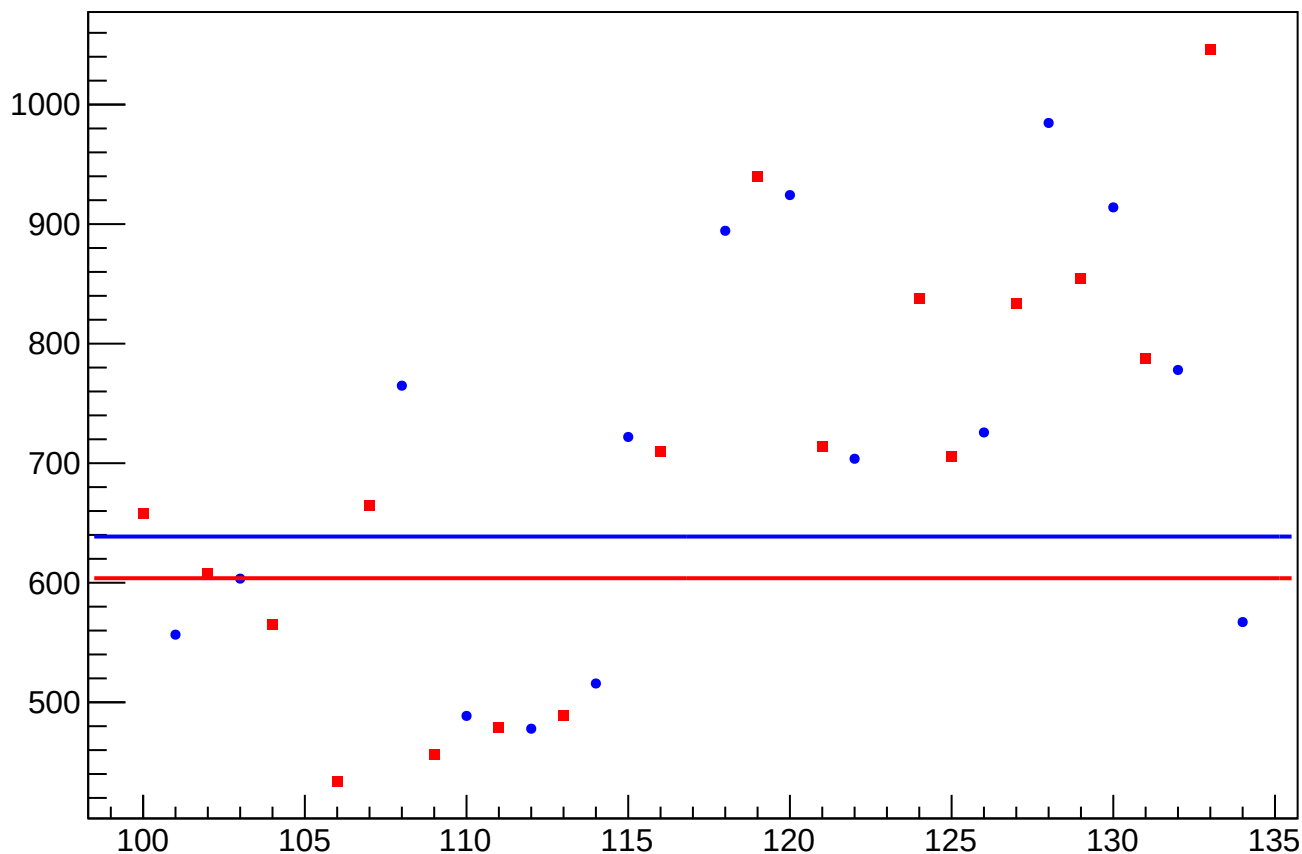
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 312.751 $\pm$ 178.019 χ^2 /NDF: 31.0/31

- sign 0.000 $\pm$ 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

Right Out: 603.782+/-0.171 χ^2/NDF : 872636.0/16

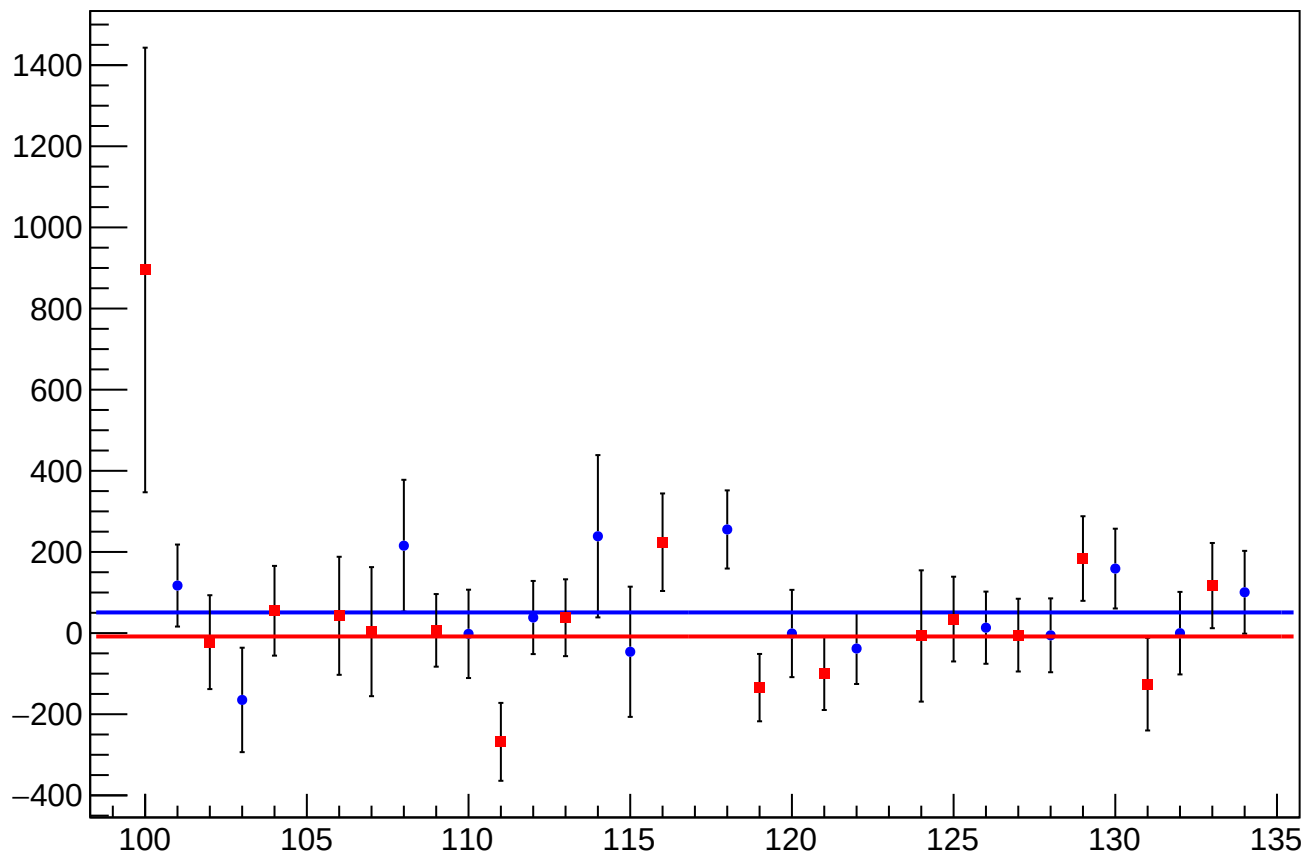
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 619.823+/-0.126 χ^2/NDF : 1567350.4/31

- sign 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: -8.340 $\pm$ 26.342 χ^2 /NDF: 23.9/16

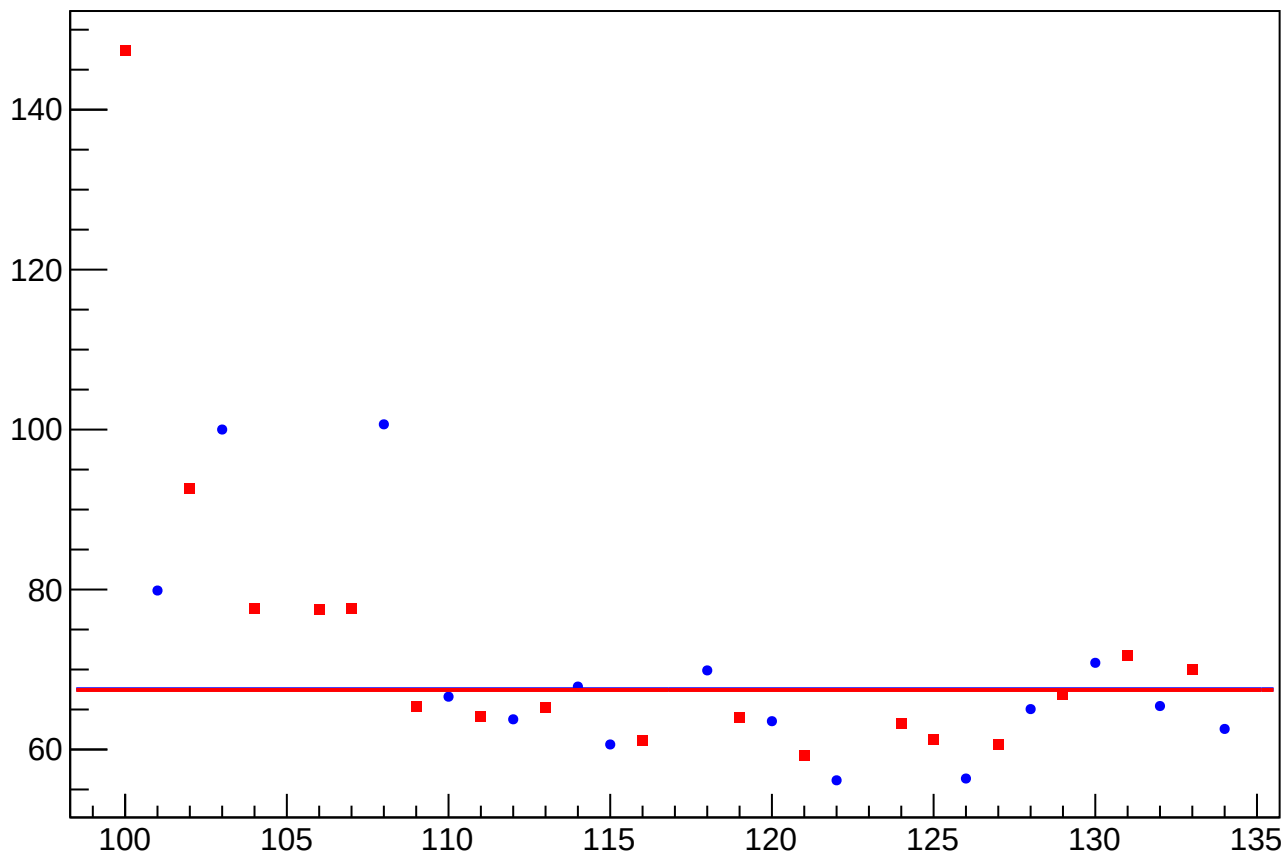
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.155 $\pm$ 18.978 χ^2 /NDF: 40.1/31

- 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: 67.444 $\pm$ 0.019 χ^2 /NDF: 226468.6/16

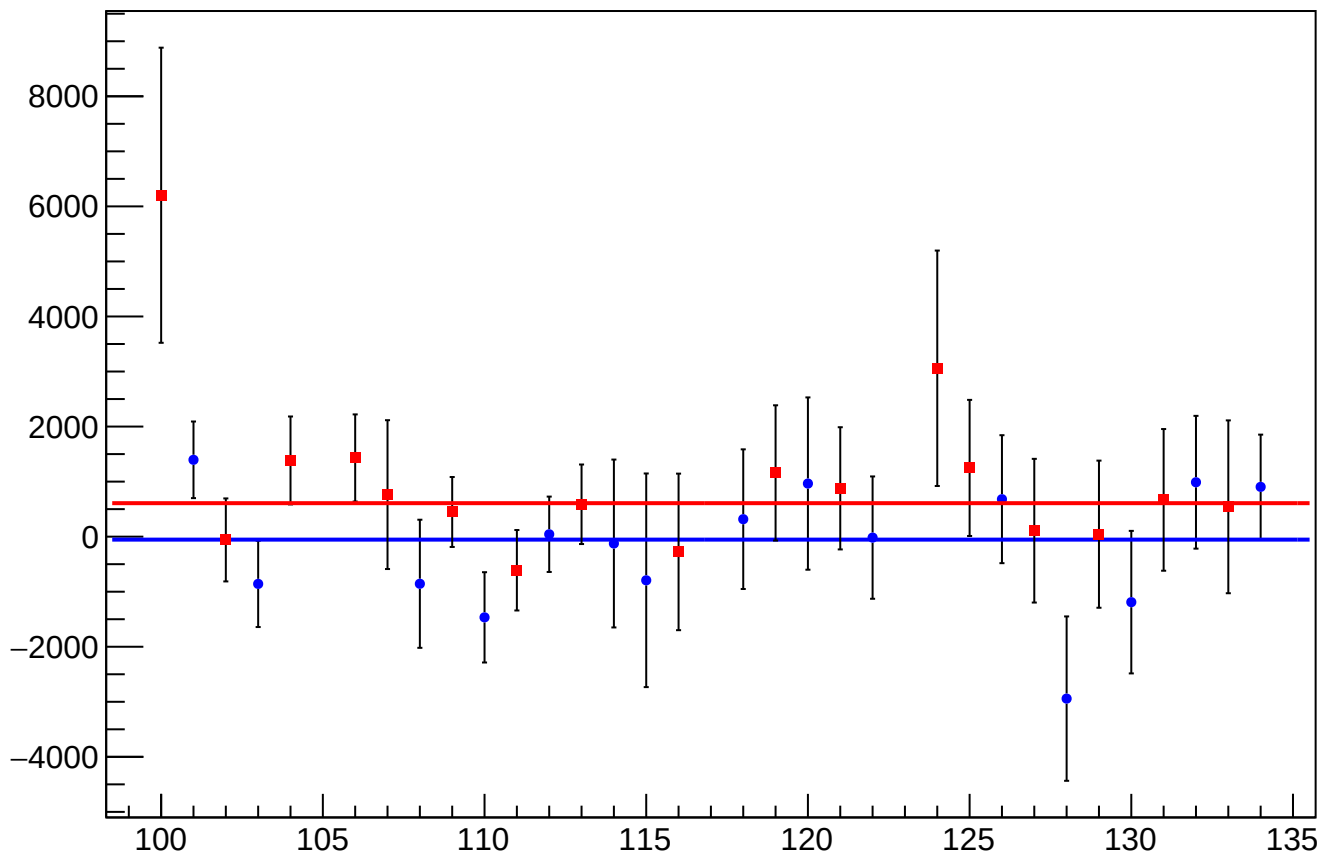
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 67.485 $\pm$ 0.013 χ^2 /NDF: 552826.2/31

- 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: 608.395 ± 243.441 χ^2/NDF : 12.6/16

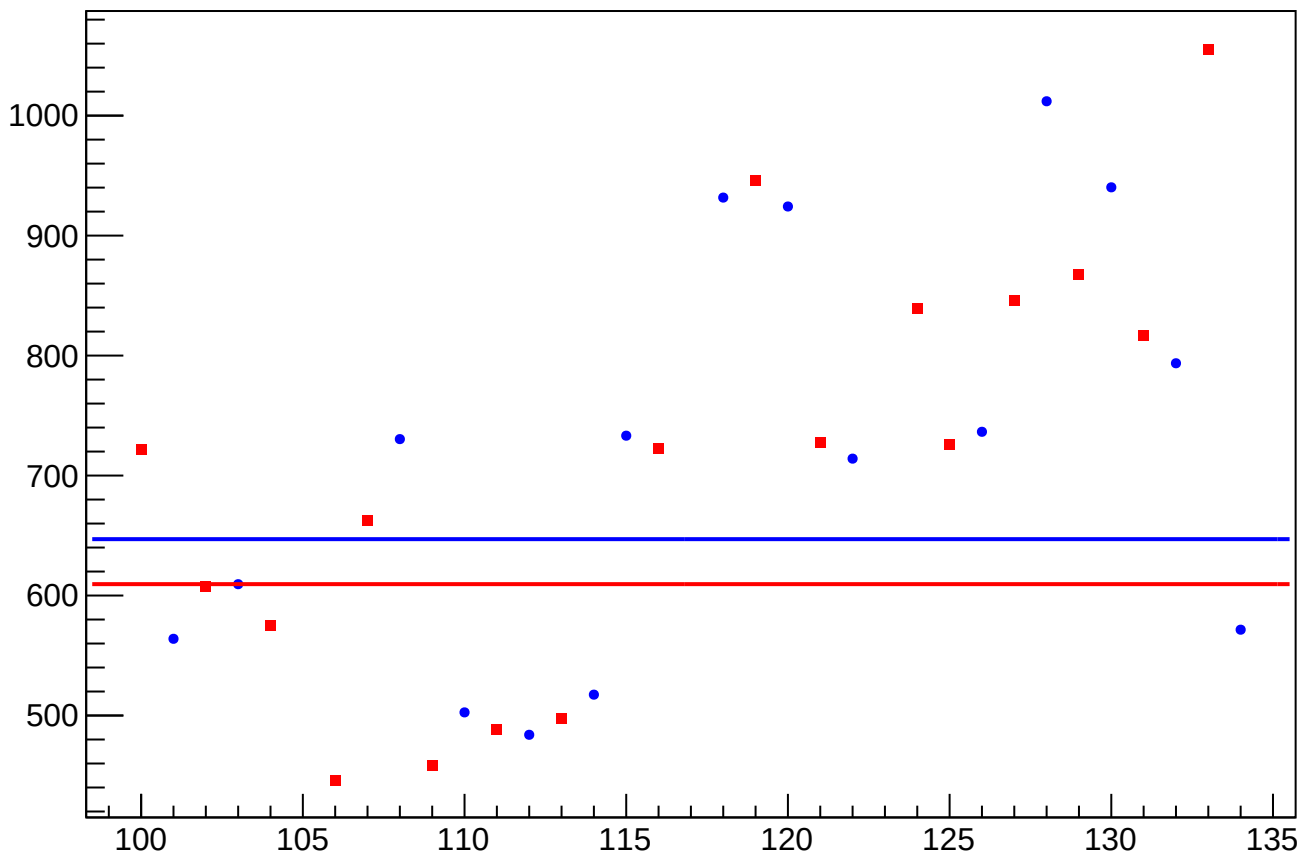
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 306.128 ± 179.483 χ^2/NDF : 32.1/31

- 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: 609.502+/-0.172 χ^2/NDF : 891573.1/16

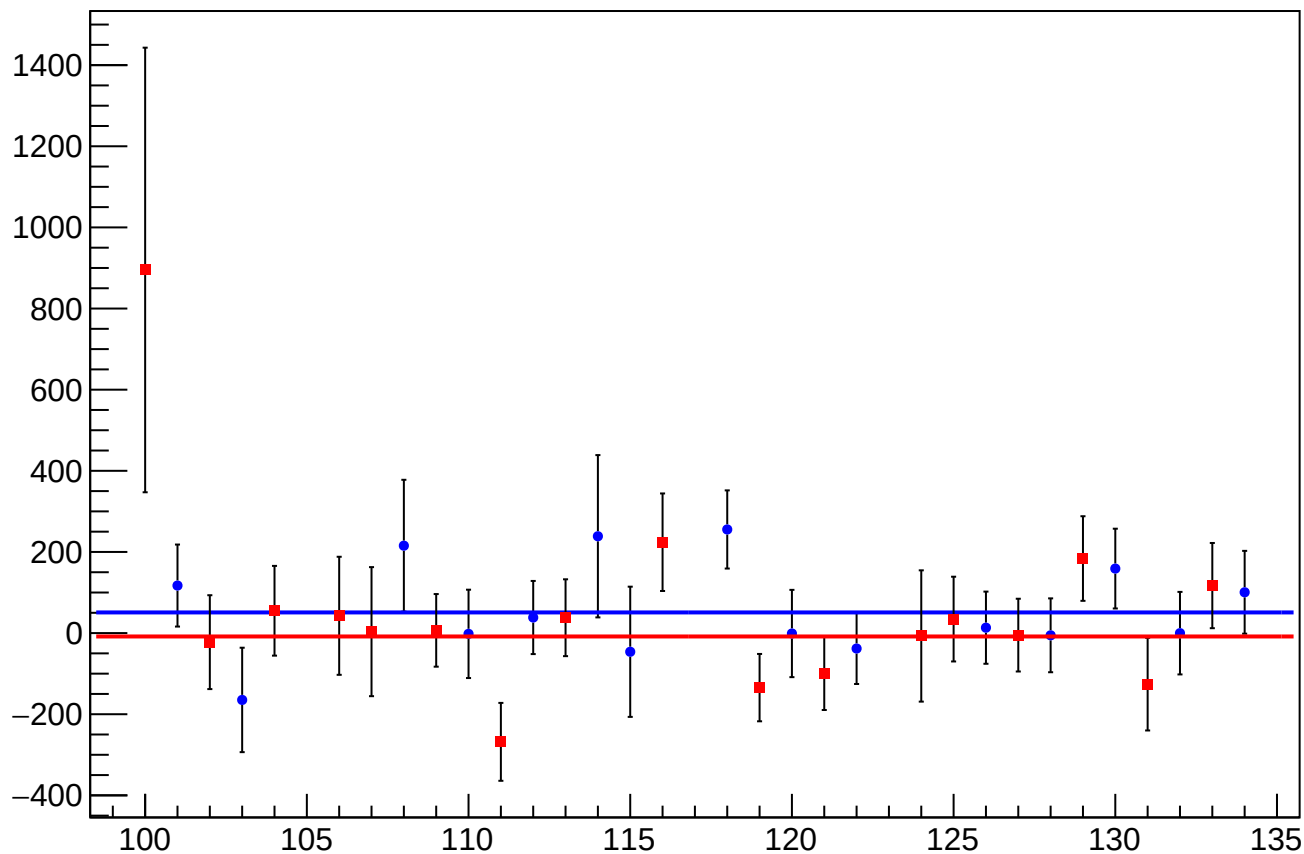
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 626.614+/-0.127 χ^2/NDF : 1597330.2/31

- 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: -8.341 $\pm$ 26.342 χ^2 /NDF: 23.9/16

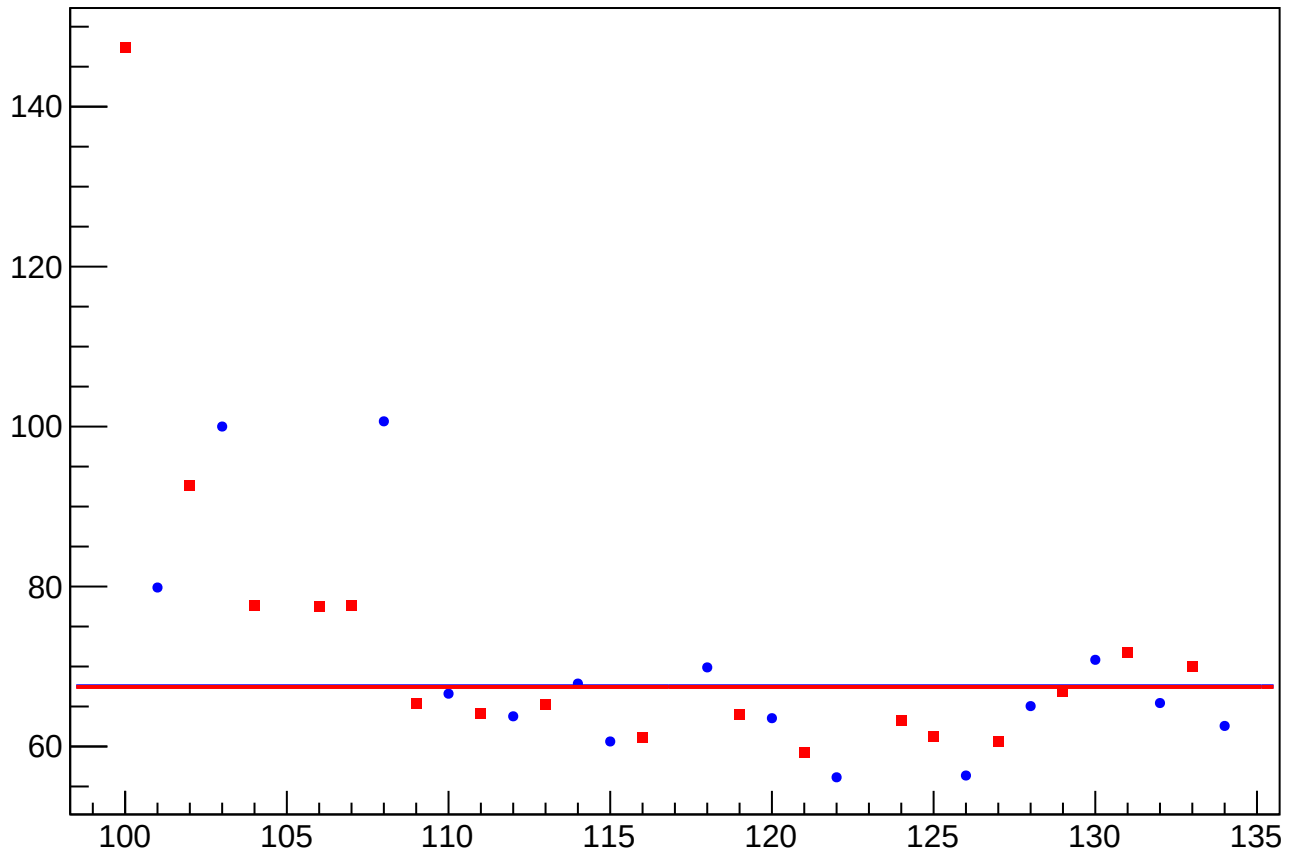
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.154 $\pm$ 18.978 χ^2 /NDF: 40.1/31

- 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: 67.444 $\pm$ 0.019 χ^2 /NDF: 226473.6/16

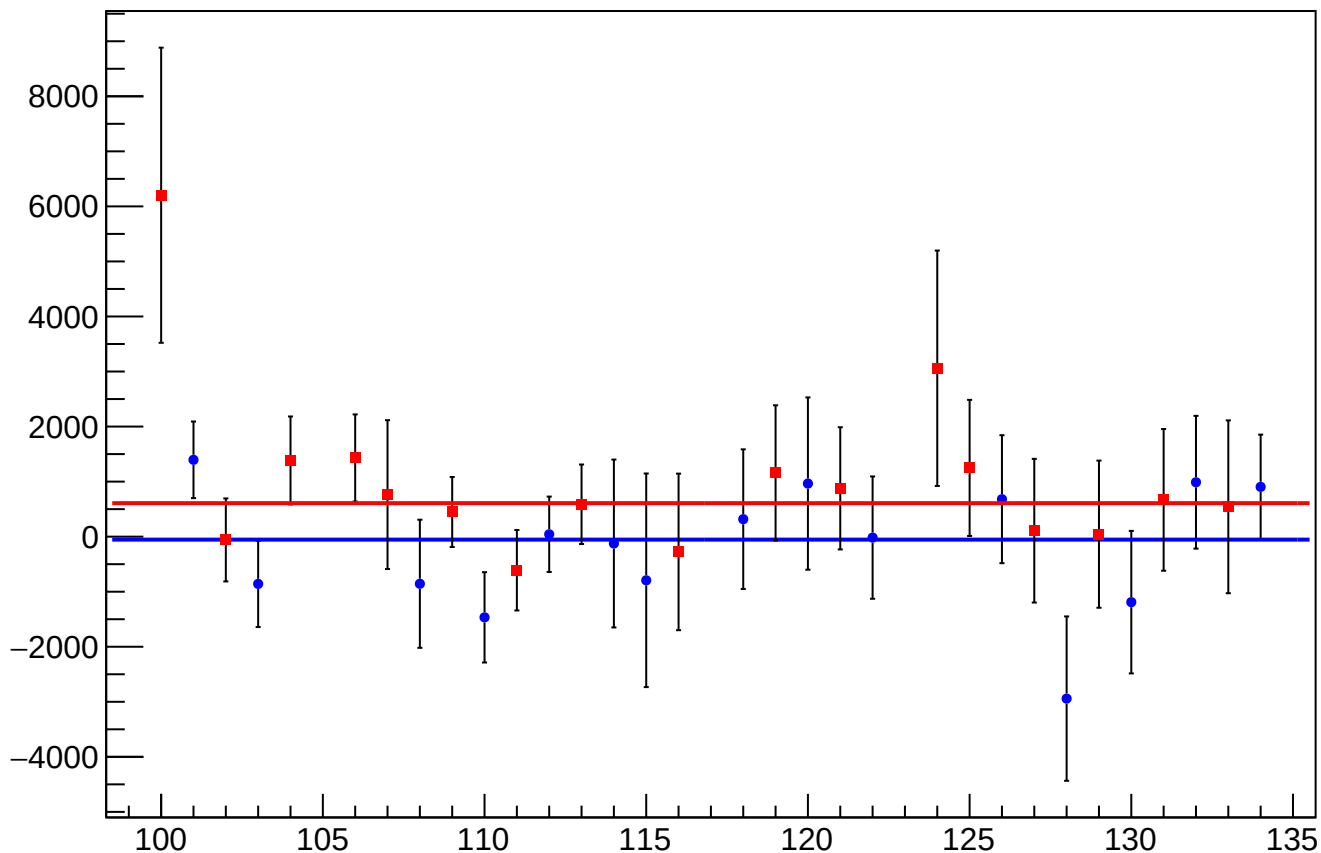
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 67.485 $\pm$ 0.013 χ^2 /NDF: 552835.3/31

- 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 ± 265.666 χ^2/NDF : 16.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 608.394 ± 243.440 χ^2/NDF : 12.6/16

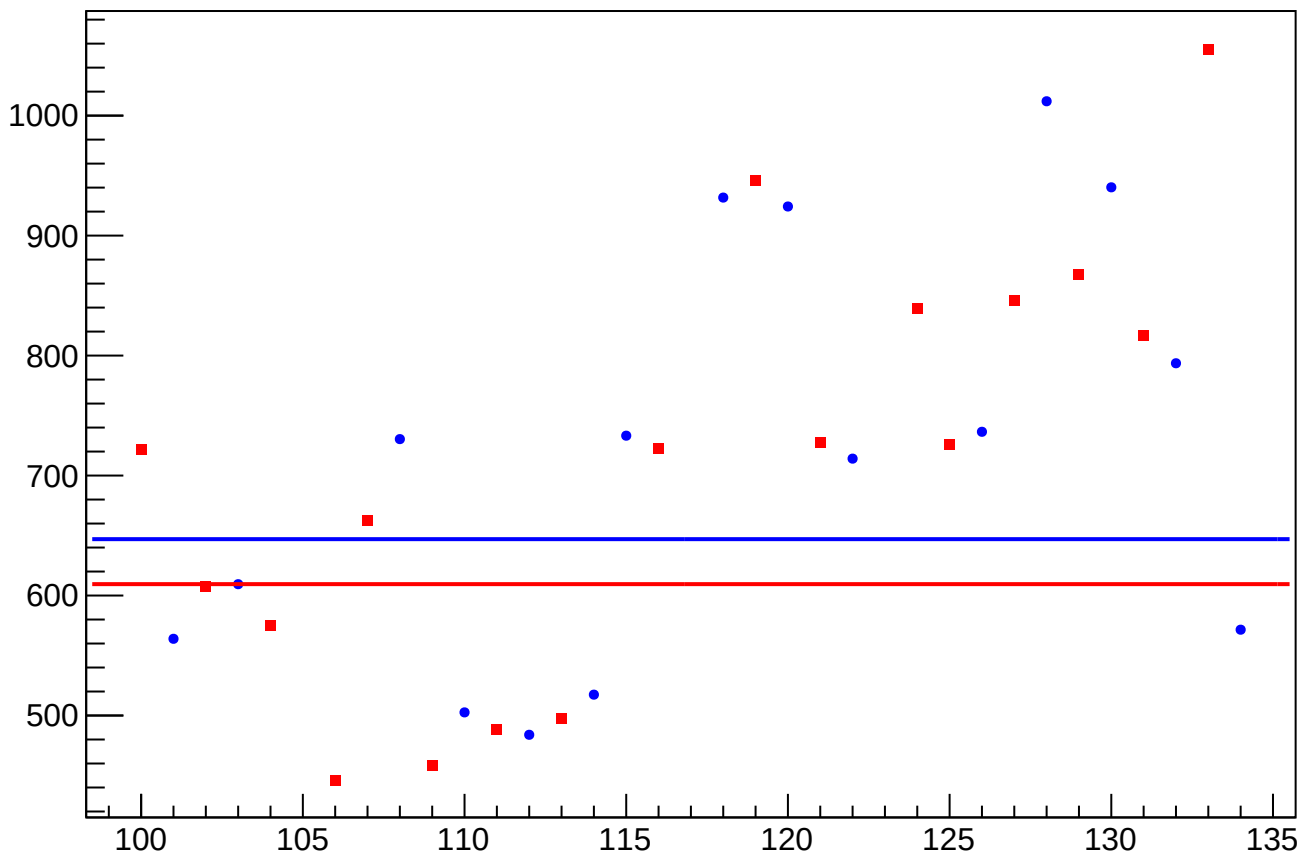
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 306.127 ± 179.482 χ^2/NDF : 32.1/31

- sign 0.000 ± 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

Right Out: 609.501 $\pm$ 0.172 χ^2 /NDF: 891575.1/16

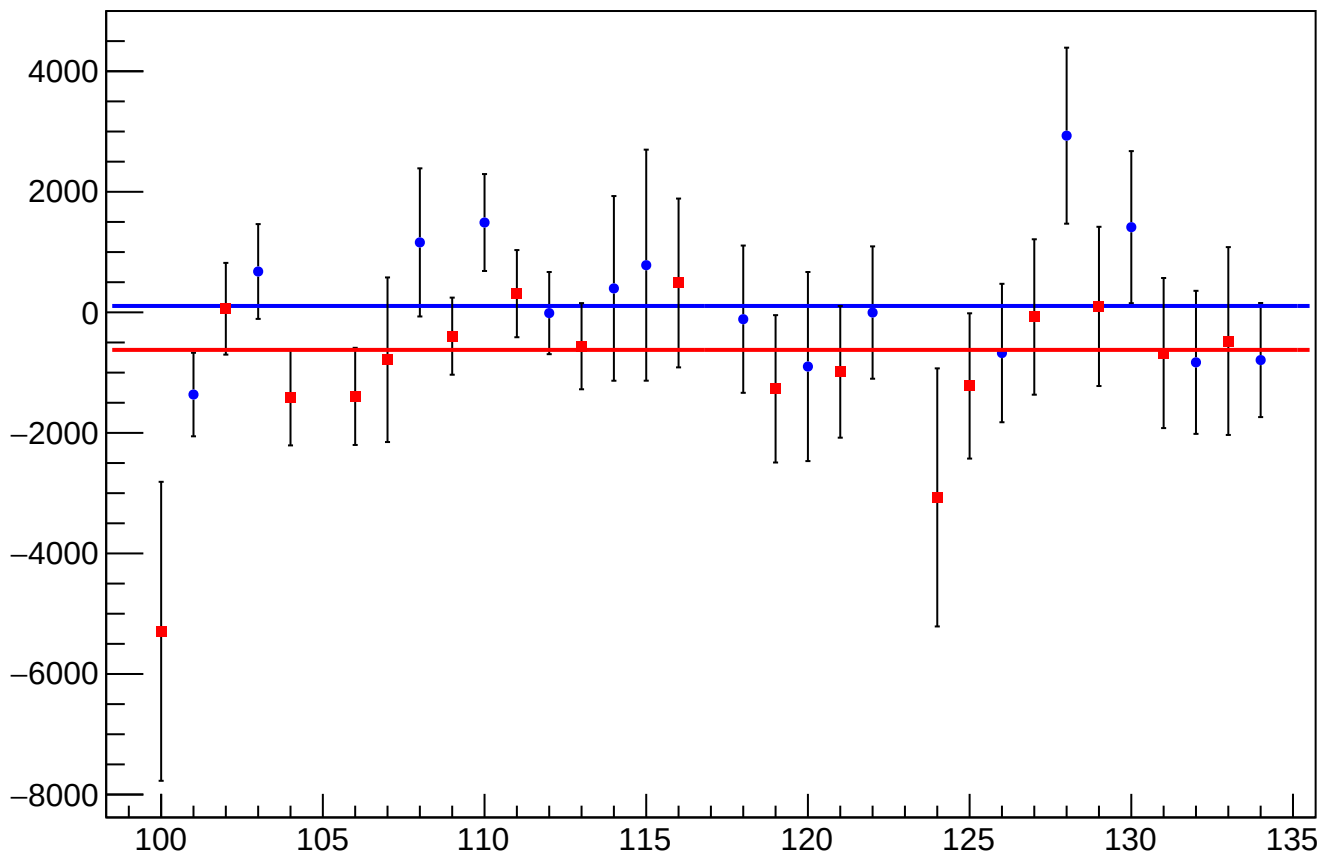
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 626.614 $\pm$ 0.127 χ^2 /NDF: 1597335.3/31

- sign 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: -623.021 $\pm$ 242.358 χ^2 /NDF: 11.1/16

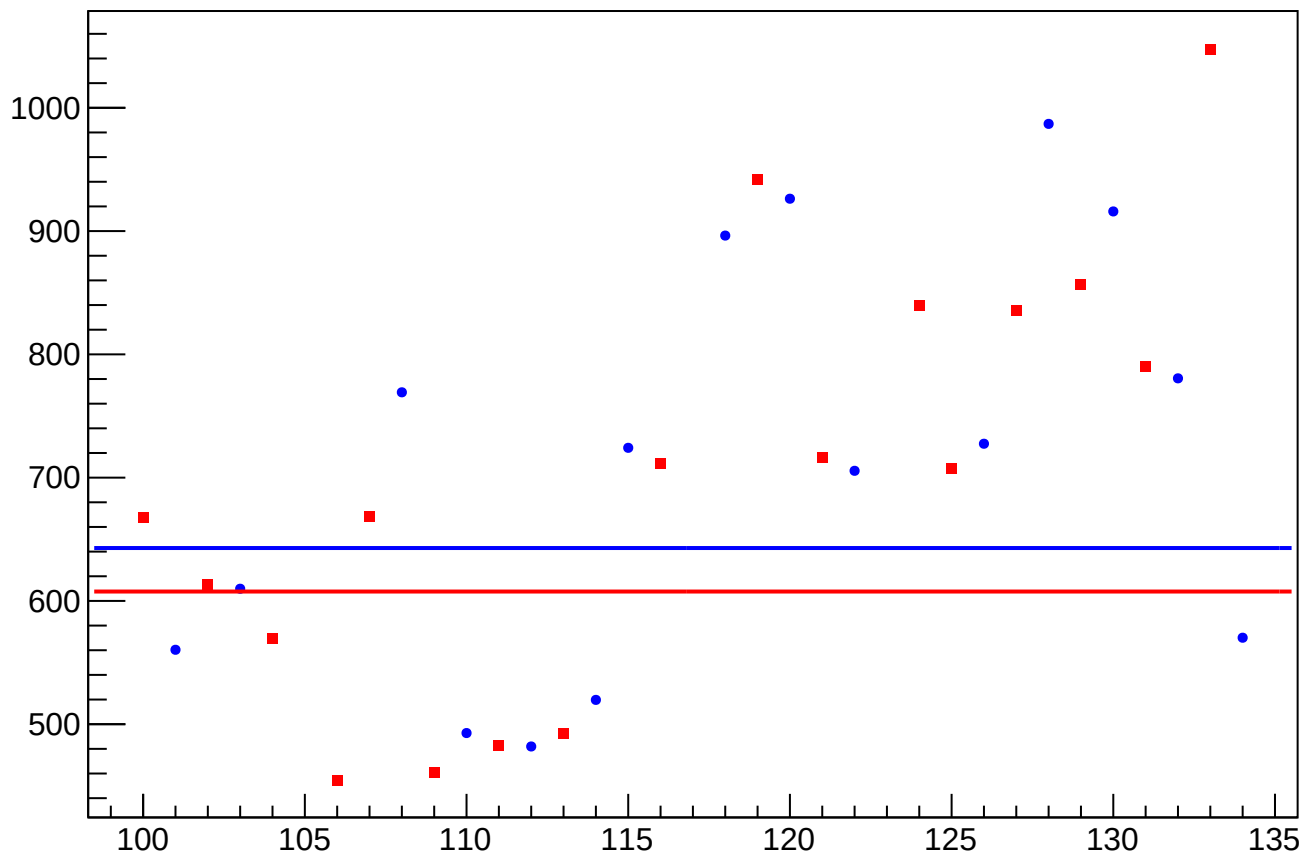
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -289.637 $\pm$ 178.539 χ^2 /NDF: 31.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_rms vs Slug



Right In: 642.906 $\pm$ 0.187 χ^2 /NDF: 662926.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 607.618 $\pm$ 0.171 χ^2 /NDF: 852326.8/16

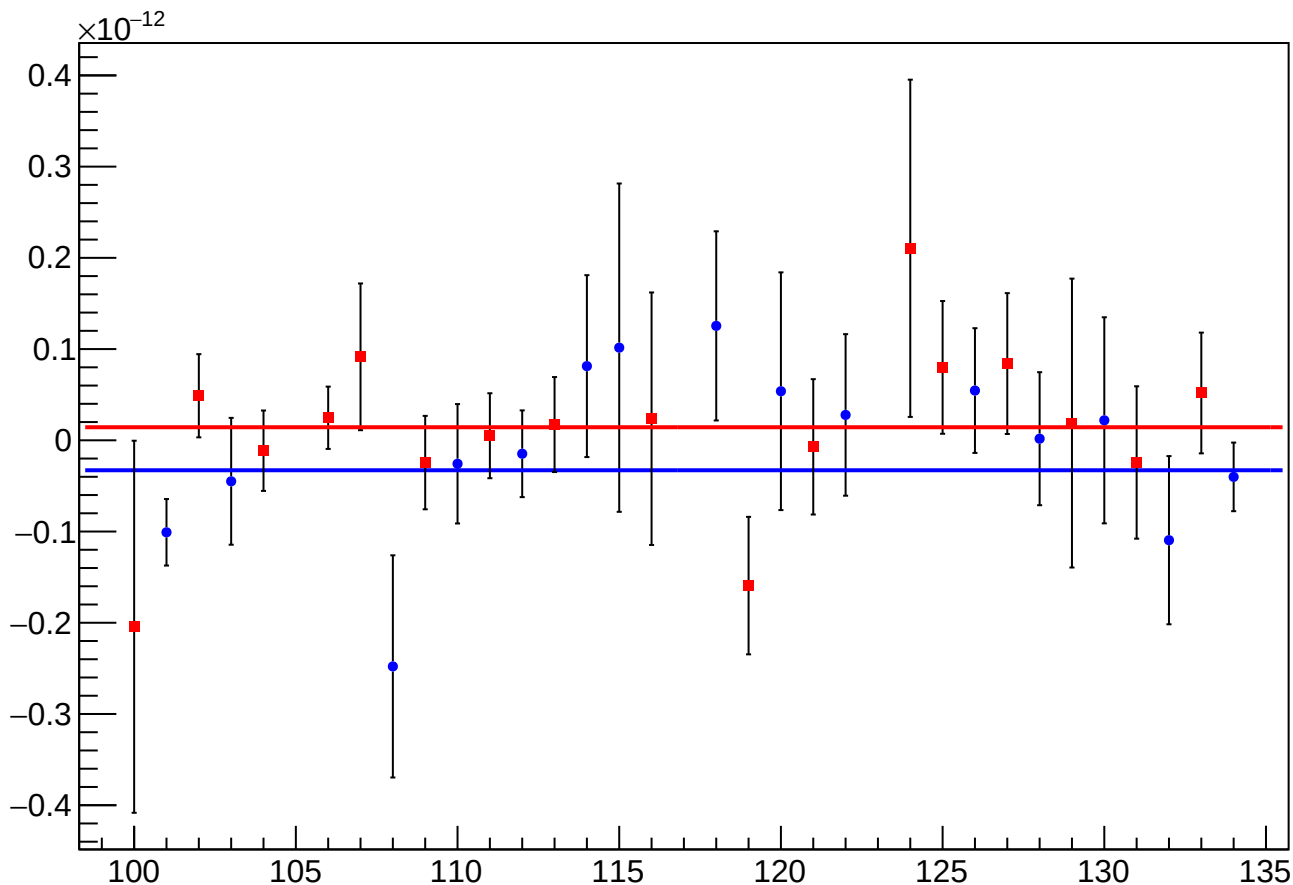
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 623.756 $\pm$ 0.126 χ^2 /NDF: 1534643.6/31

- sign 0.000 $\pm$ 0.000 χ^2 /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 : 12.4/16

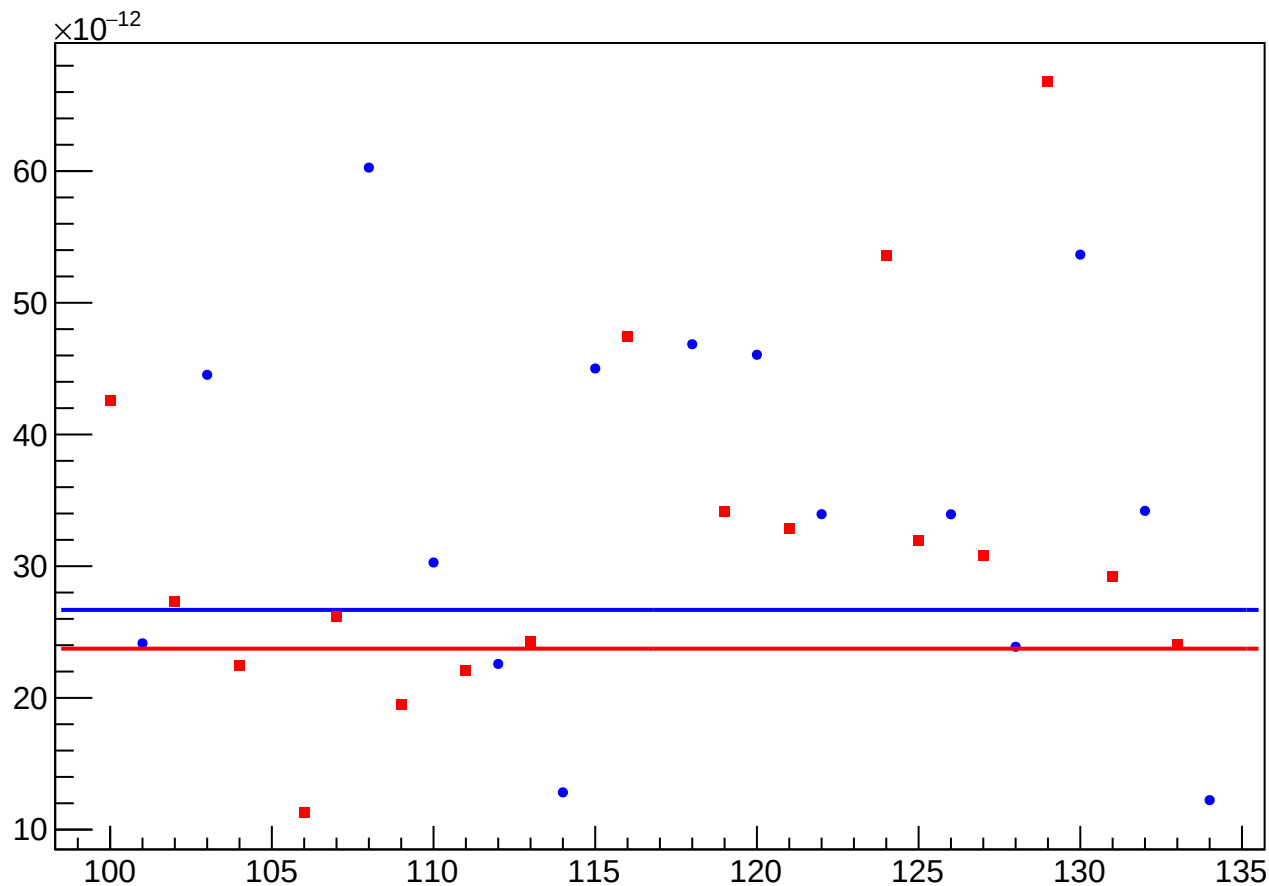
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.4/31

- 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 : 693406.1/16

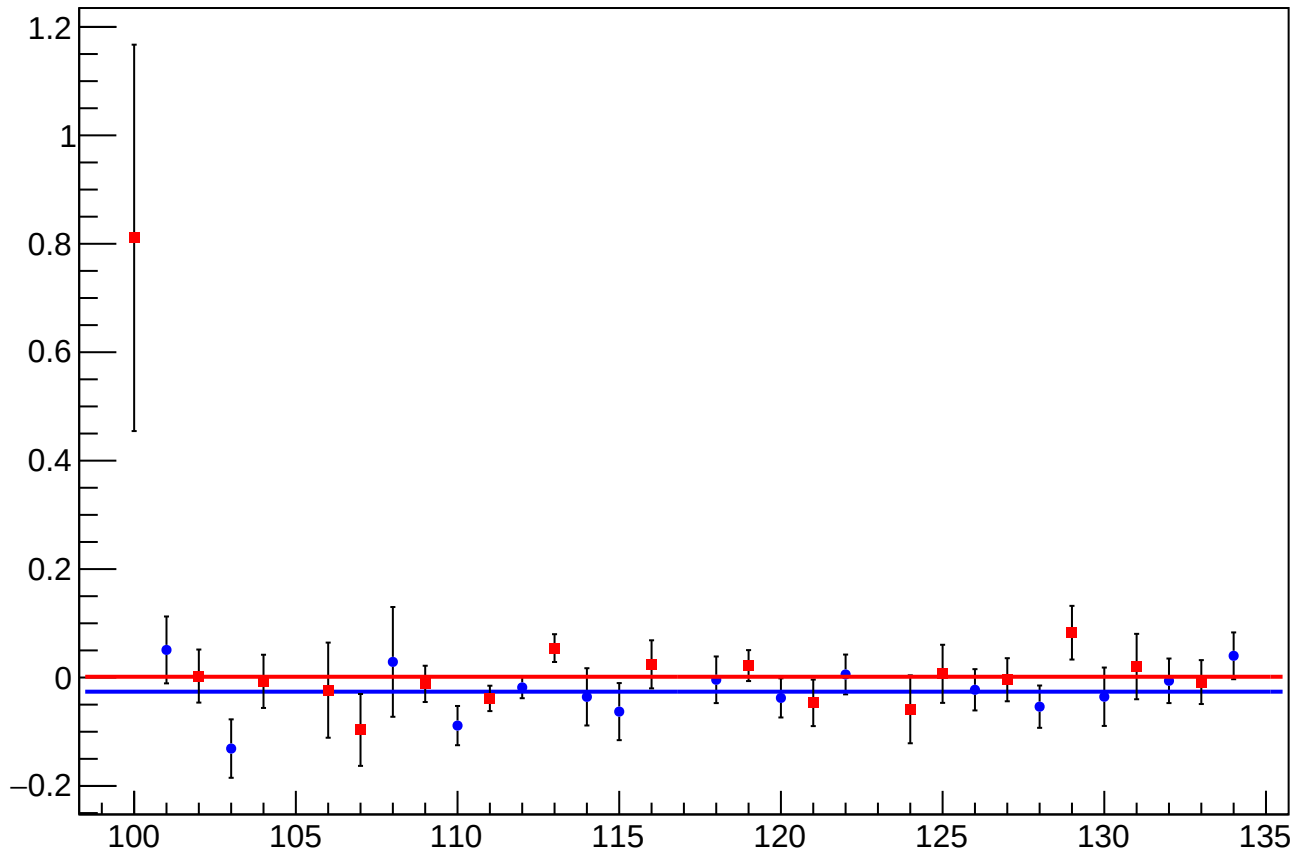
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1682265.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_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: 0.001 ± 0.010 χ^2/NDF : 20.6/16

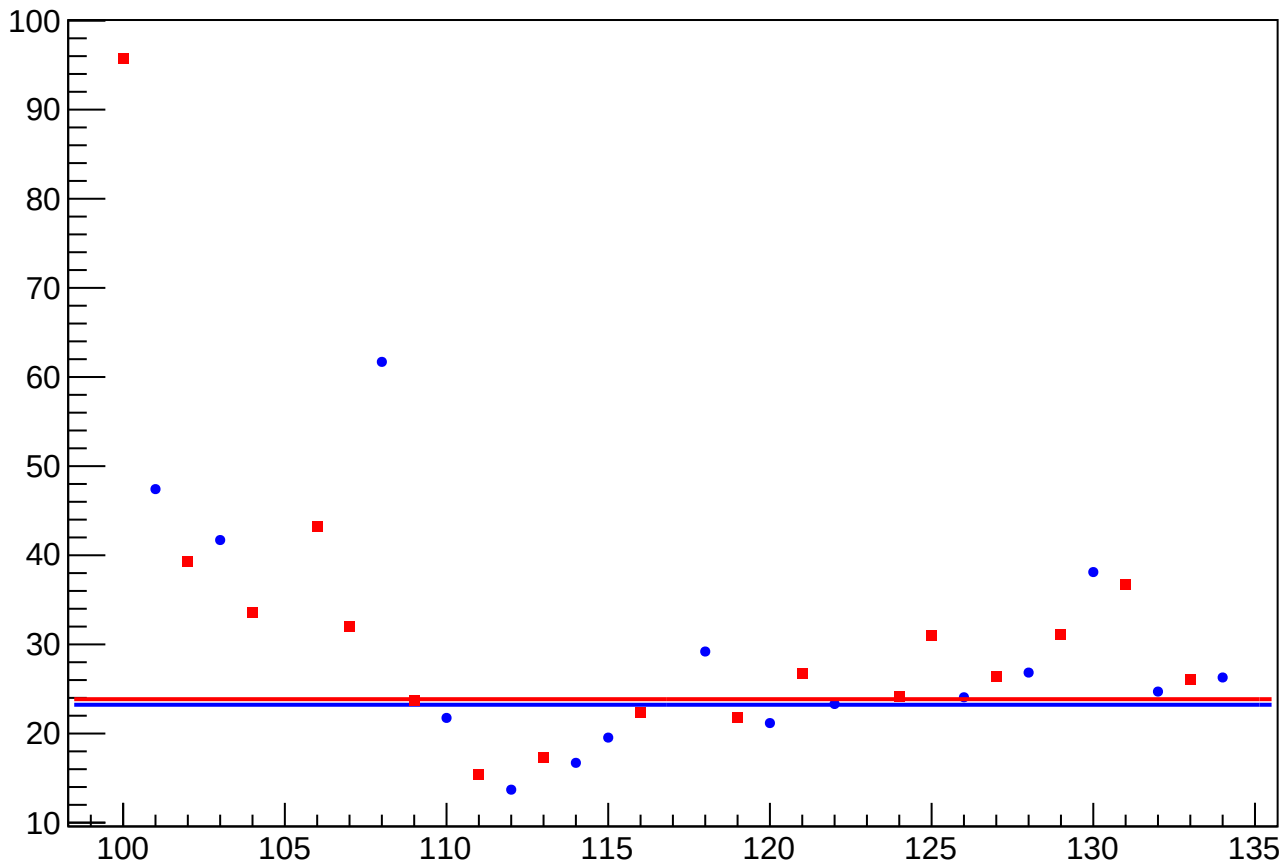
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.012 ± 0.007 χ^2/NDF : 37.9/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_dit_vs_cor_diff_rms vs Slug



Right In: 23.230 $\pm$ 0.007 χ^2 /NDF: 1561142.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 23.855 $\pm$ 0.007 χ^2 /NDF: 1084329.6/16

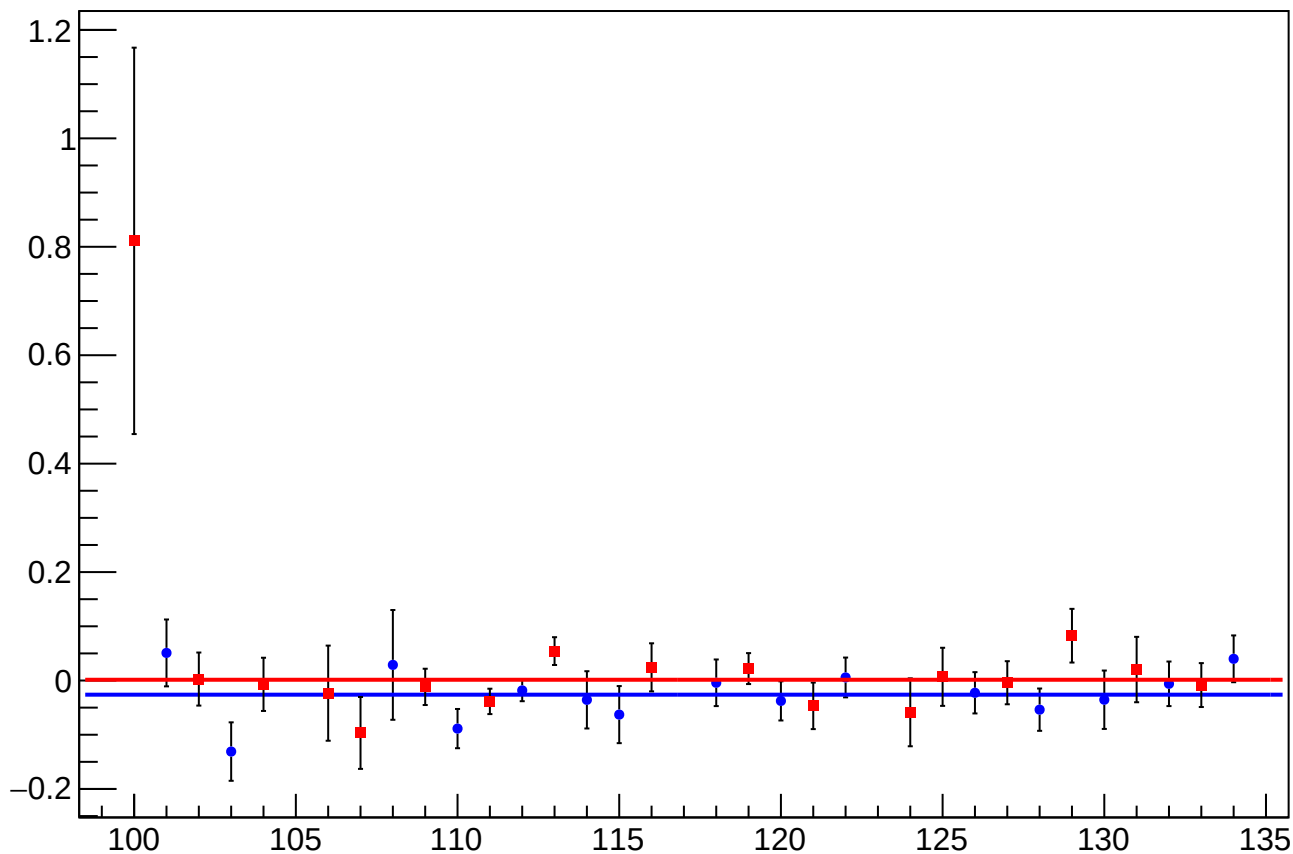
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.553 $\pm$ 0.005 χ^2 /NDF: 2649346.7/31

- sign 0.000 $\pm$ 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+/-0.010 χ^2/NDF : 13.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.010 χ^2/NDF : 20.6/16

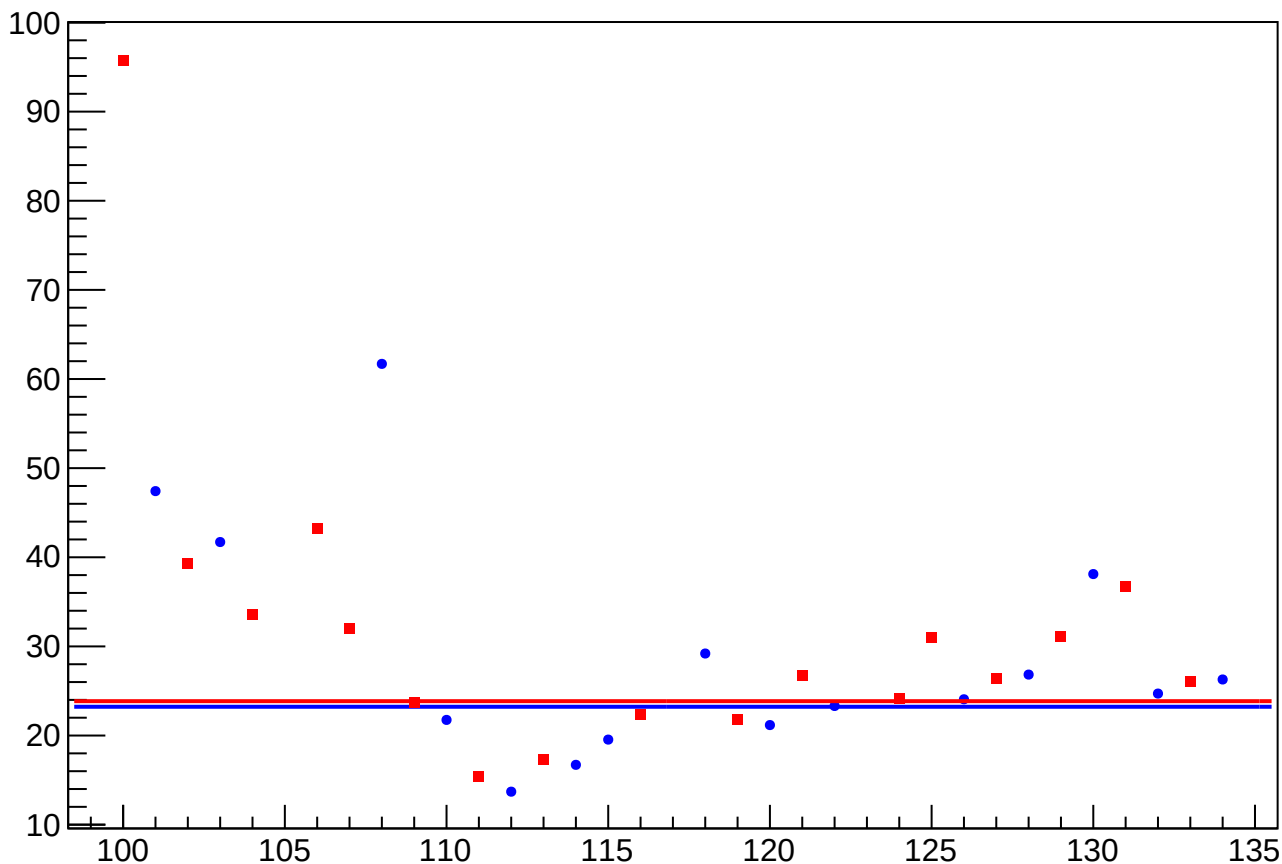
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.007 χ^2/NDF : 37.9/31

- sign 0.000+/-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: 23.855+/-0.007 χ^2/NDF : 1084329.6/16

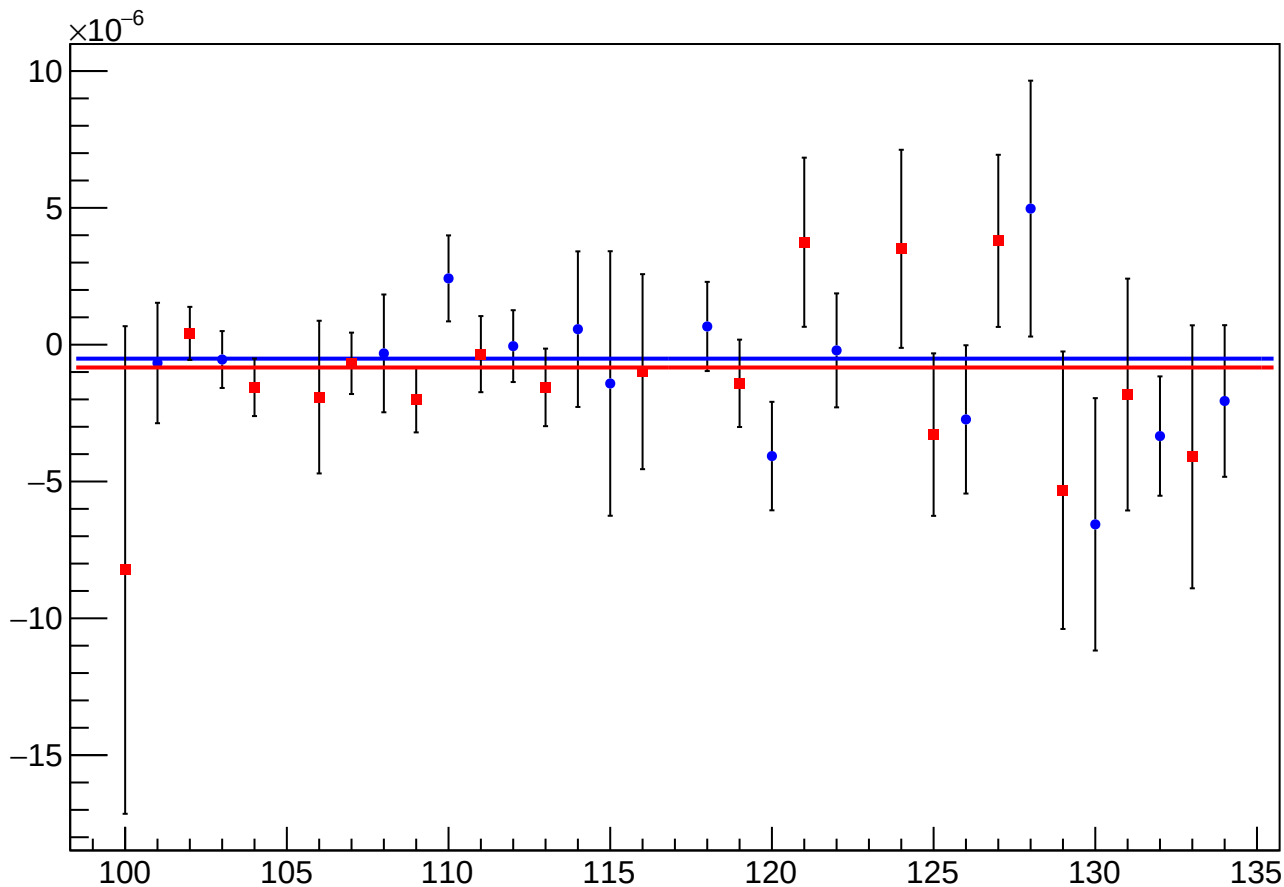
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.553+/-0.005 χ^2/NDF : 2649346.7/31

- 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: 12.3/16

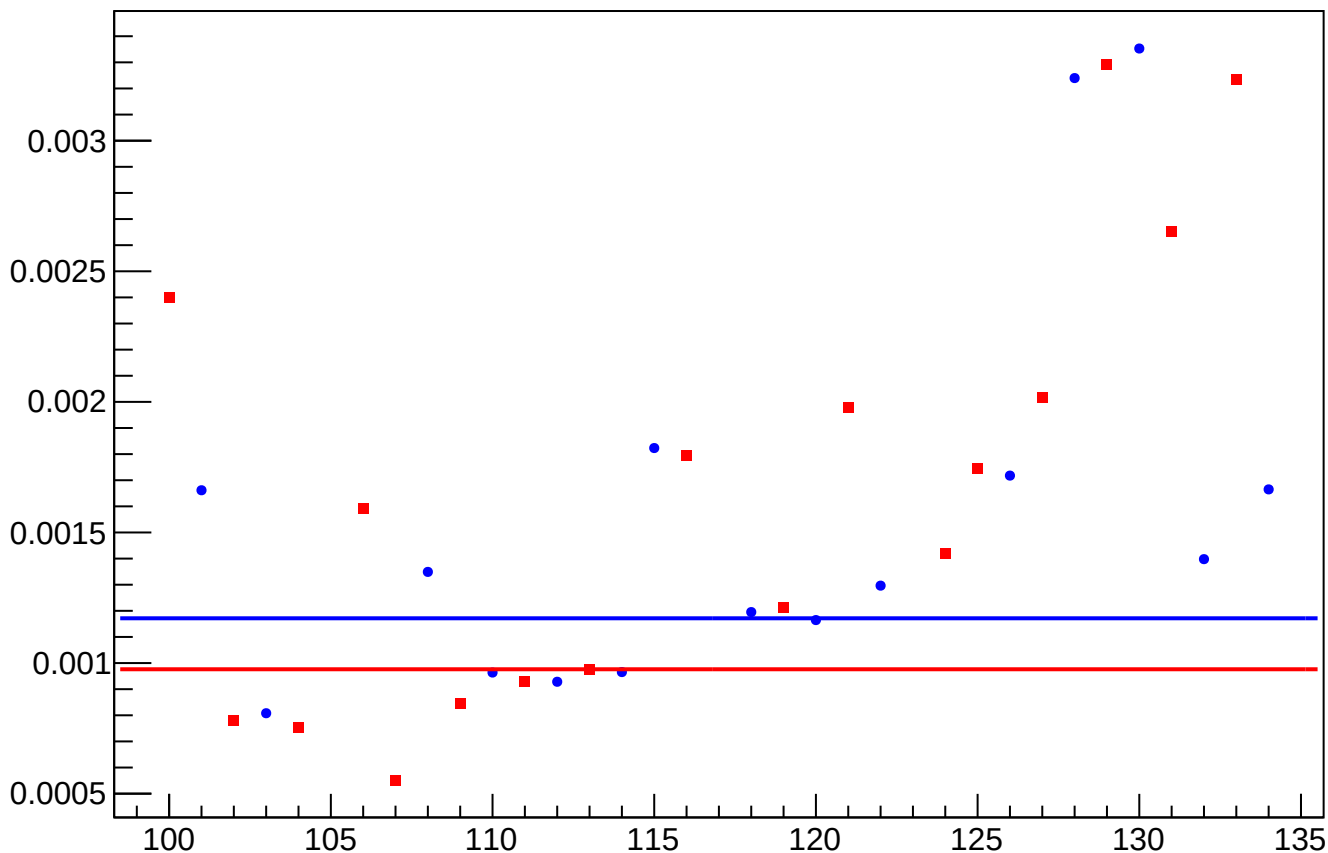
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 25.9/31

- 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

Right Out: 0.001+/-0.000 χ^2/NDF : 2548233.7/16

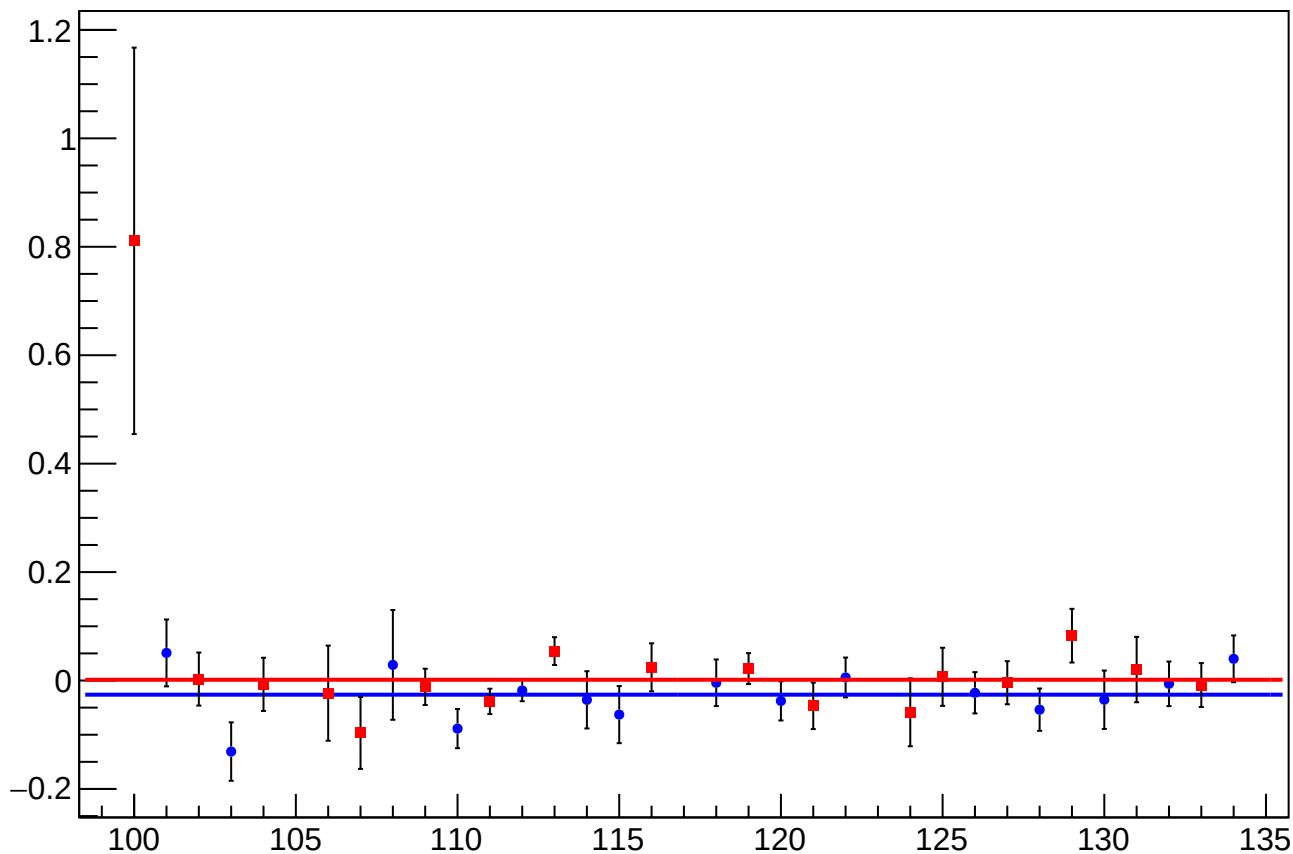
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4245180.7/31

- sign 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: 0.001 ± 0.010 χ^2/NDF : 20.6/16

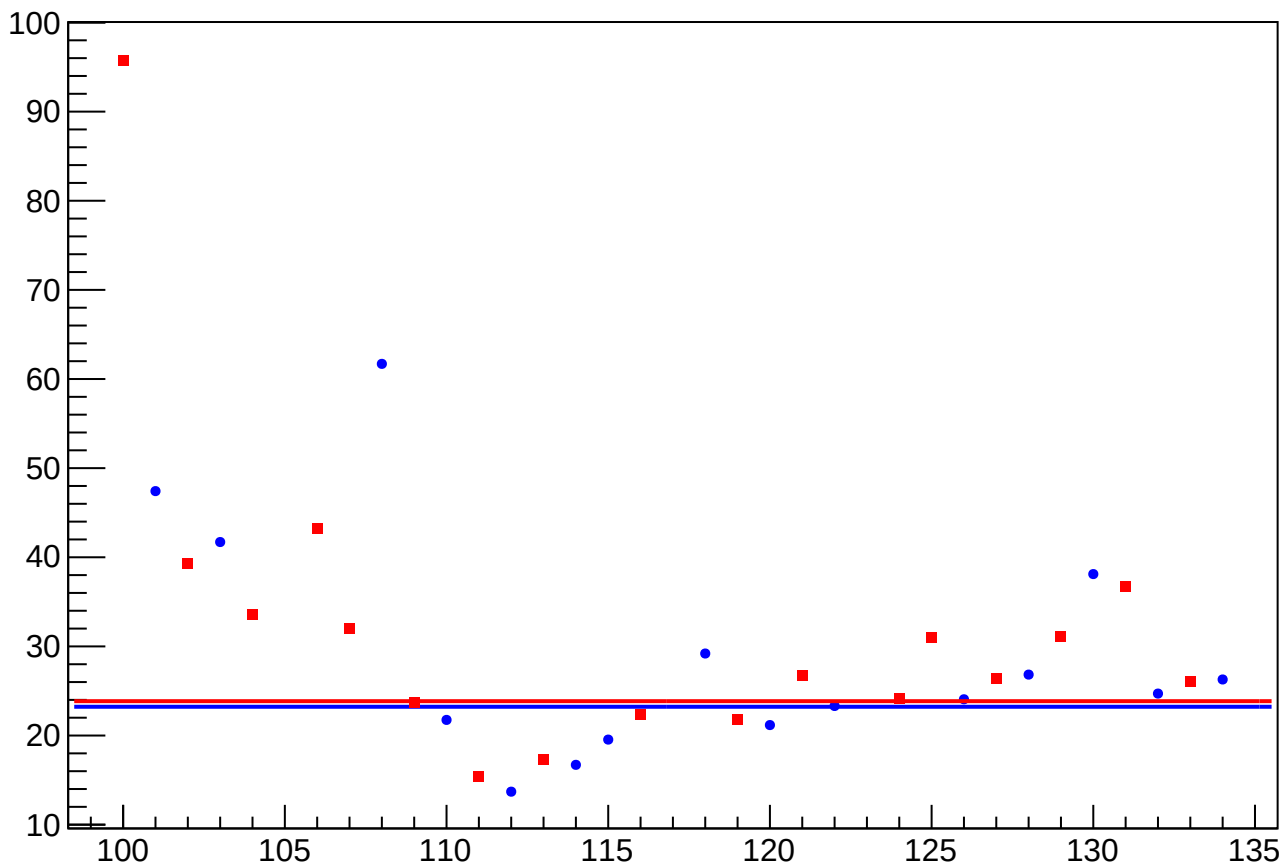
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.012 ± 0.007 χ^2/NDF : 37.9/31

- 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: 23.855 $\pm$ 0.007 χ^2 /NDF: 1084369.2/16

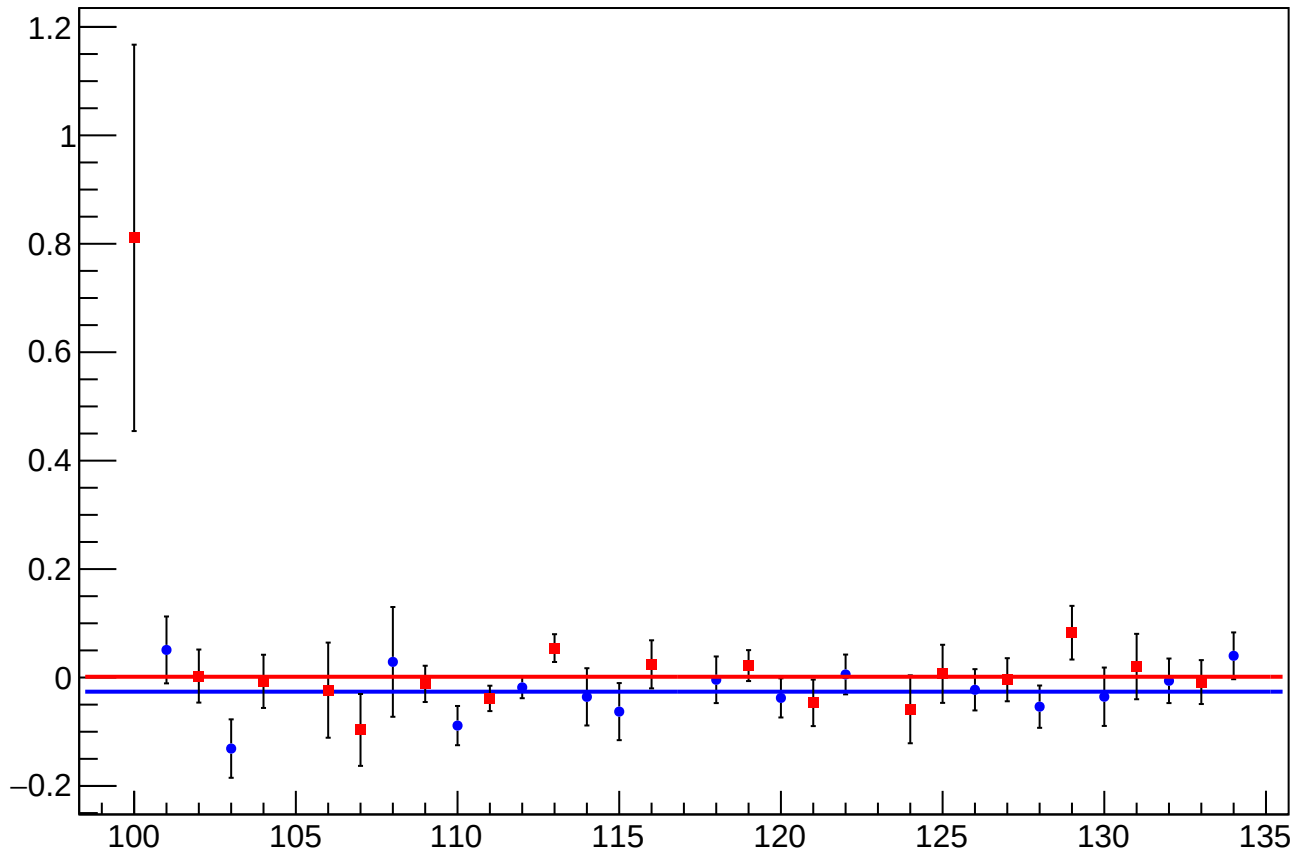
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.553 $\pm$ 0.005 χ^2 /NDF: 2649405.3/31

- 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+/-0.010 χ^2/NDF : 13.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.010 χ^2/NDF : 20.6/16

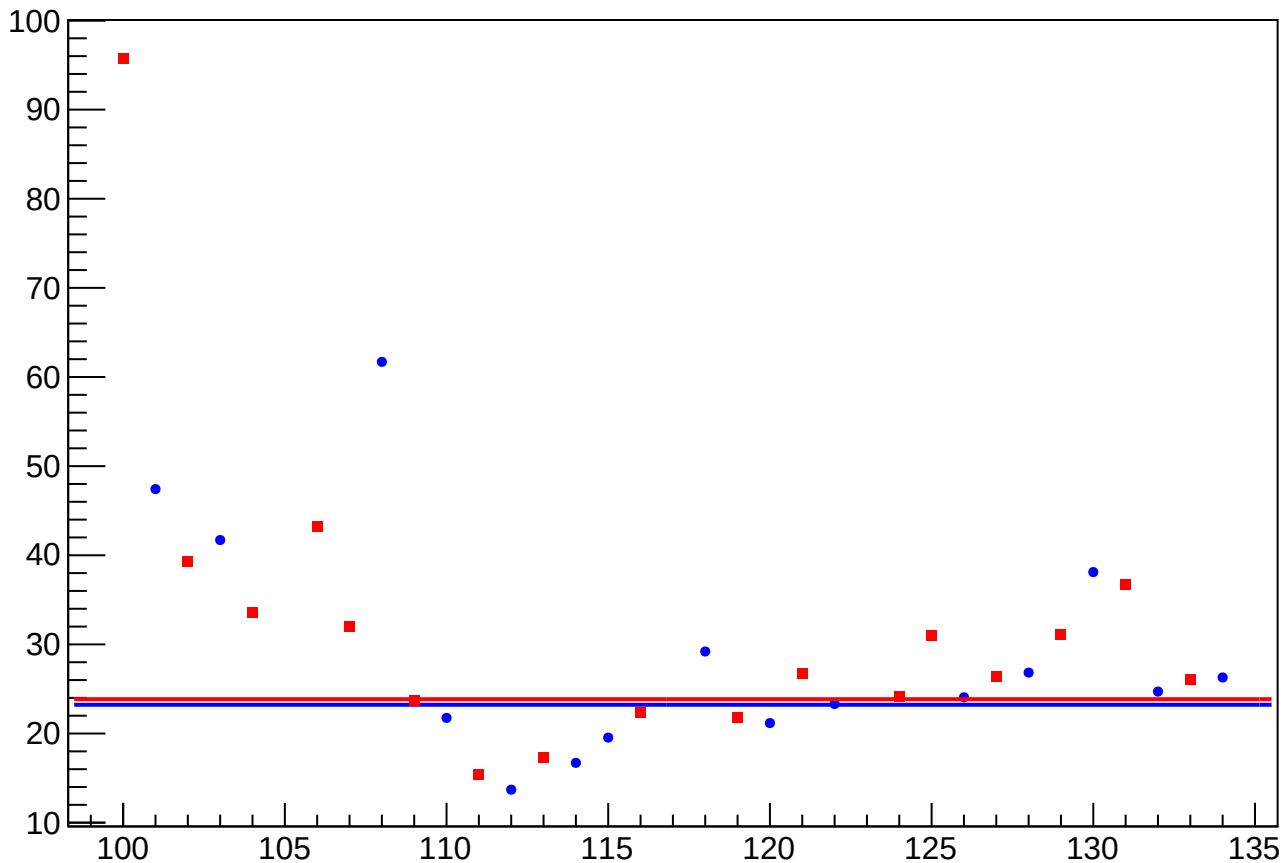
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.007 χ^2/NDF : 37.9/31

- sign 0.000+/-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+/-0.007 χ^2/NDF : 1561161.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.855+/-0.007 χ^2/NDF : 1084369.2/16

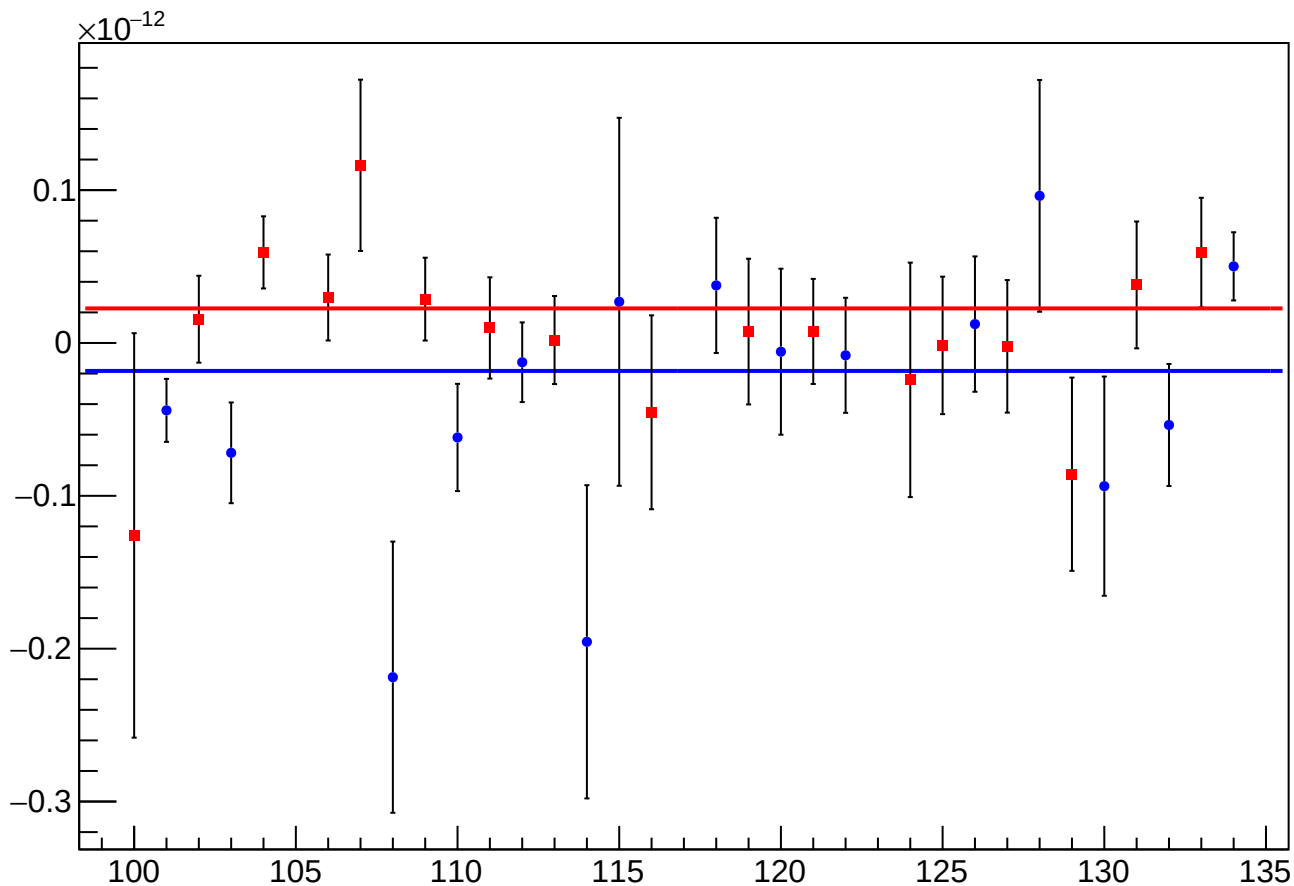
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.553+/-0.005 χ^2/NDF : 2649405.3/31

- sign 0.000+/-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+/-0.000 χ^2/NDF : 29.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.9/16

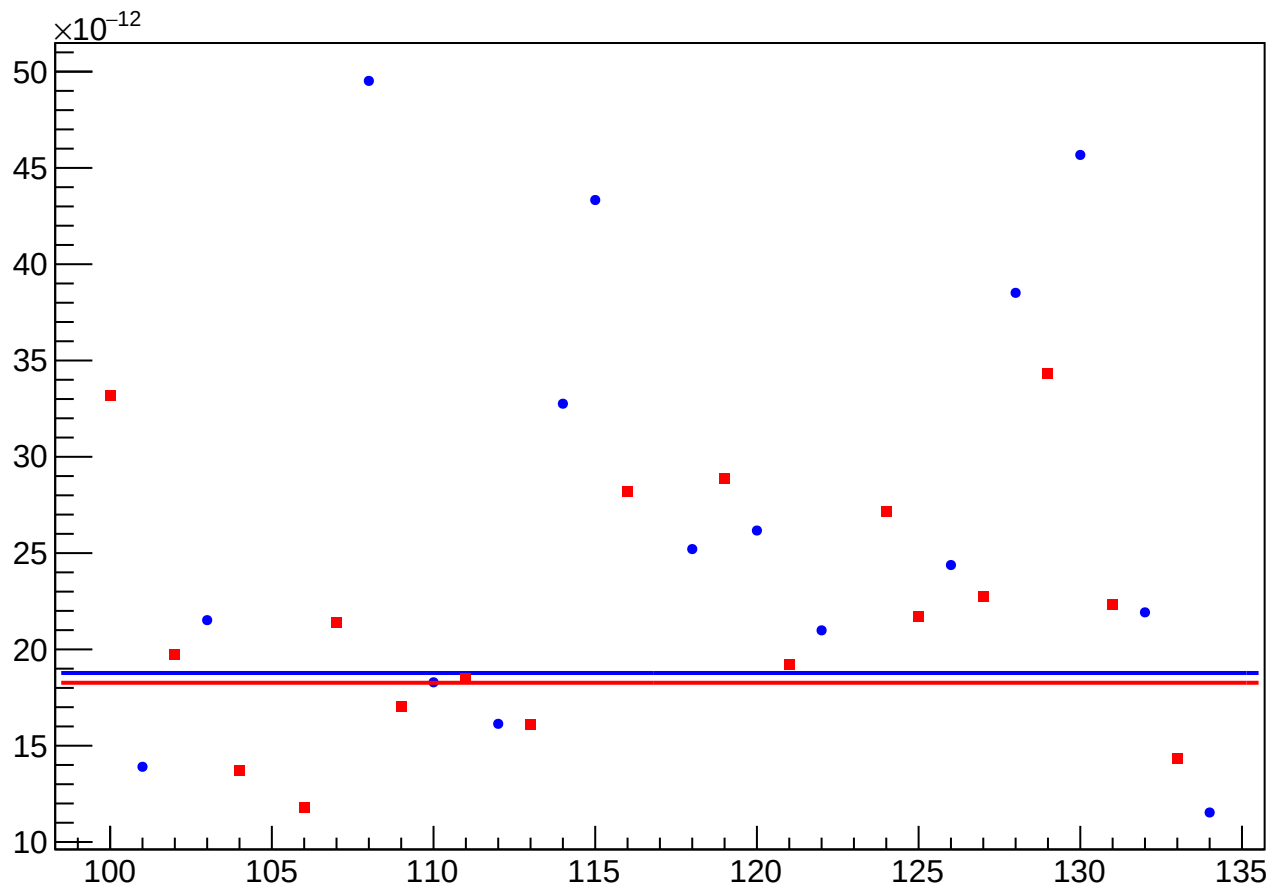
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 53.4/31

- sign 0.000+/-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 : 616141.4/16

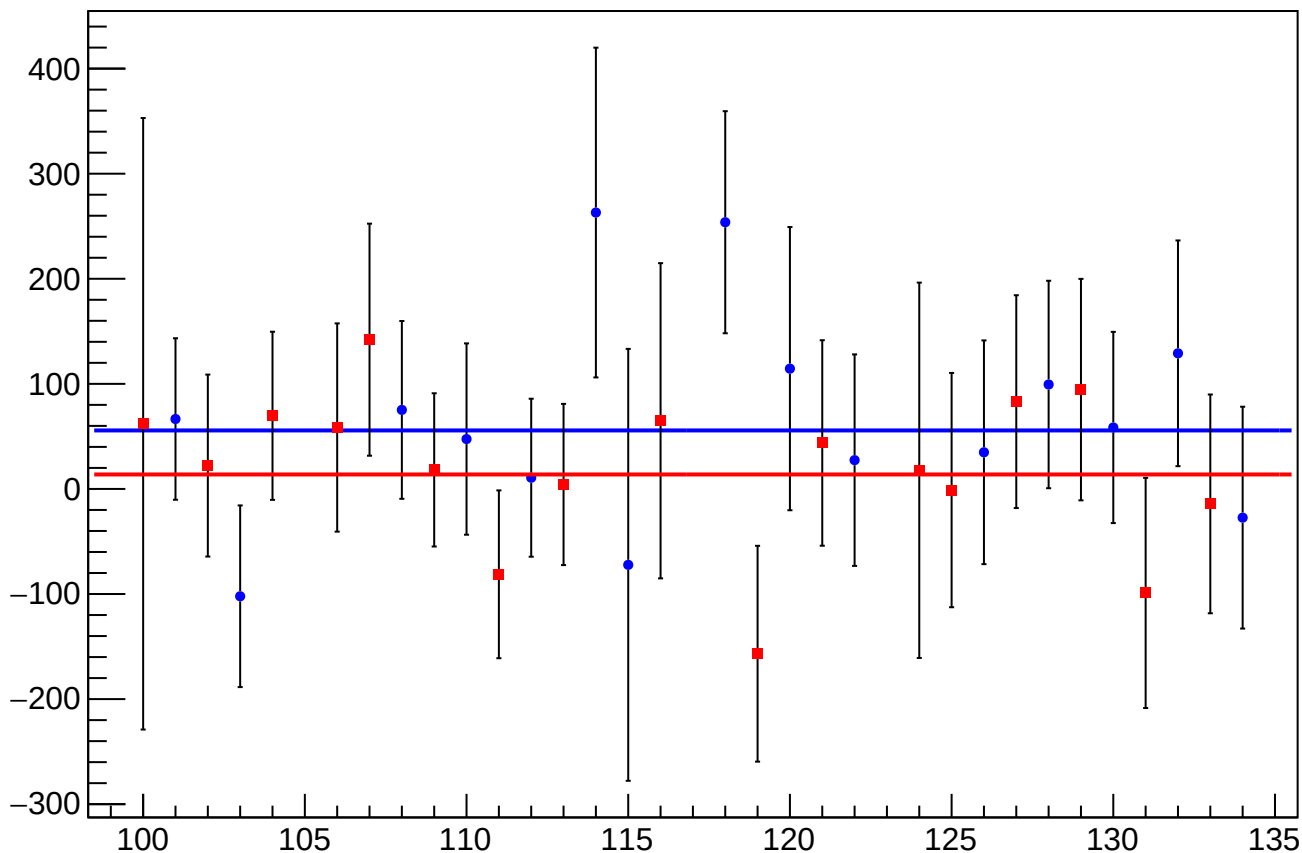
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1885129.0/31

- 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: 13.770 $\pm$ 24.119 χ^2 /NDF: 8.7/16

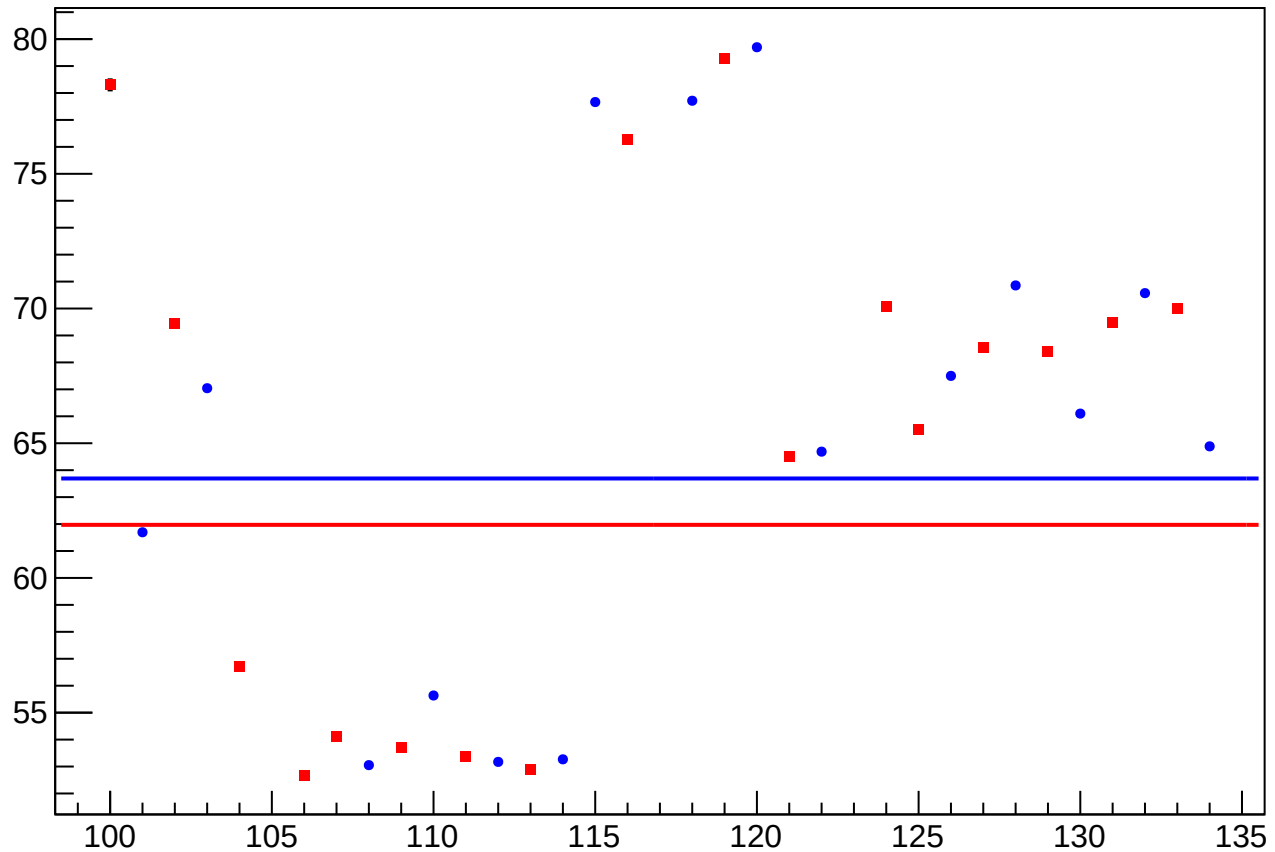
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.543 $\pm$ 17.527 χ^2 /NDF: 21.1/31

- 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 $\chi^2/\text{NDF}: 195447.2/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 61.971 ± 0.017 $\chi^2/\text{NDF}: 254351.8/16$

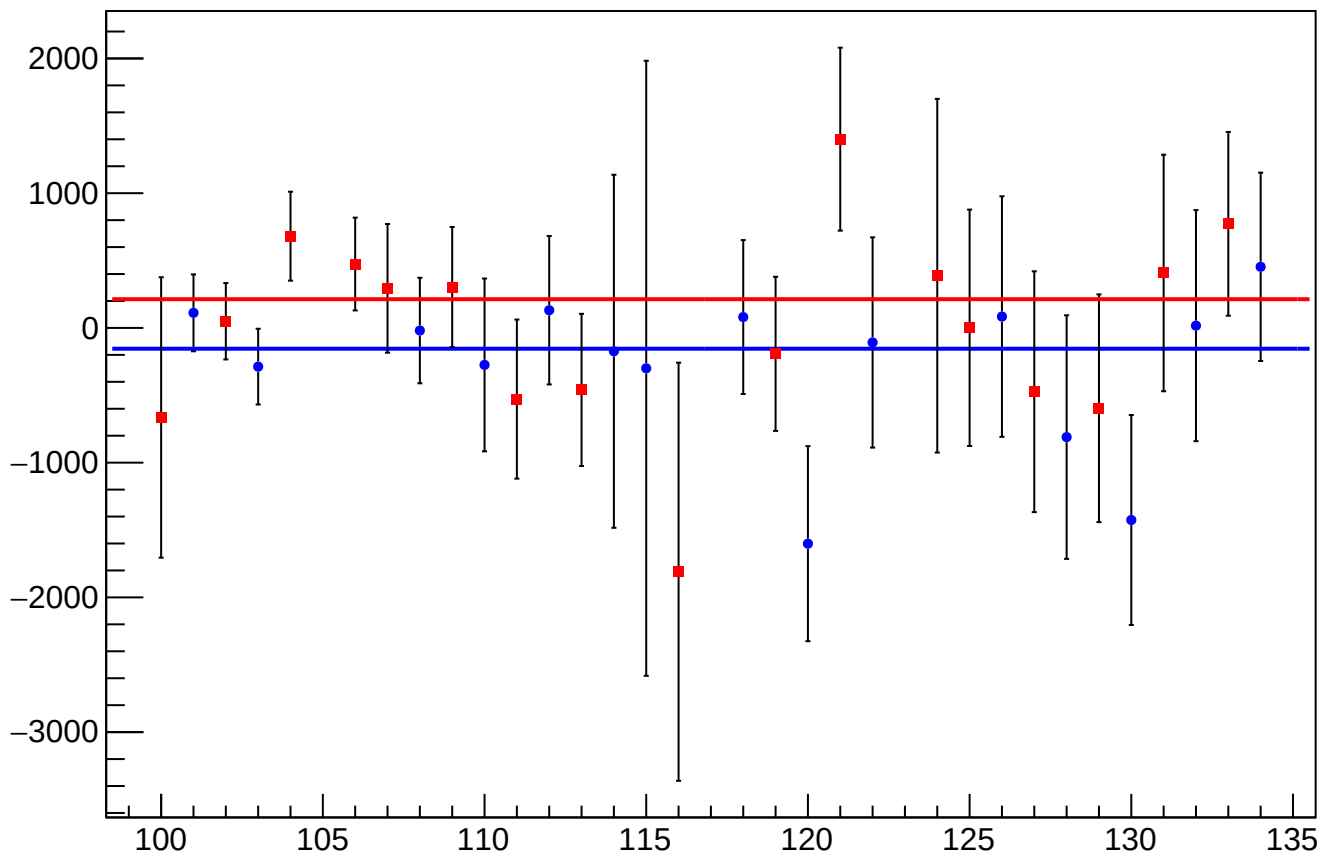
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 62.783 ± 0.012 $\chi^2/\text{NDF}: 454603.7/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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: 213.263+/-129.068 χ^2/NDF : 14.3/16

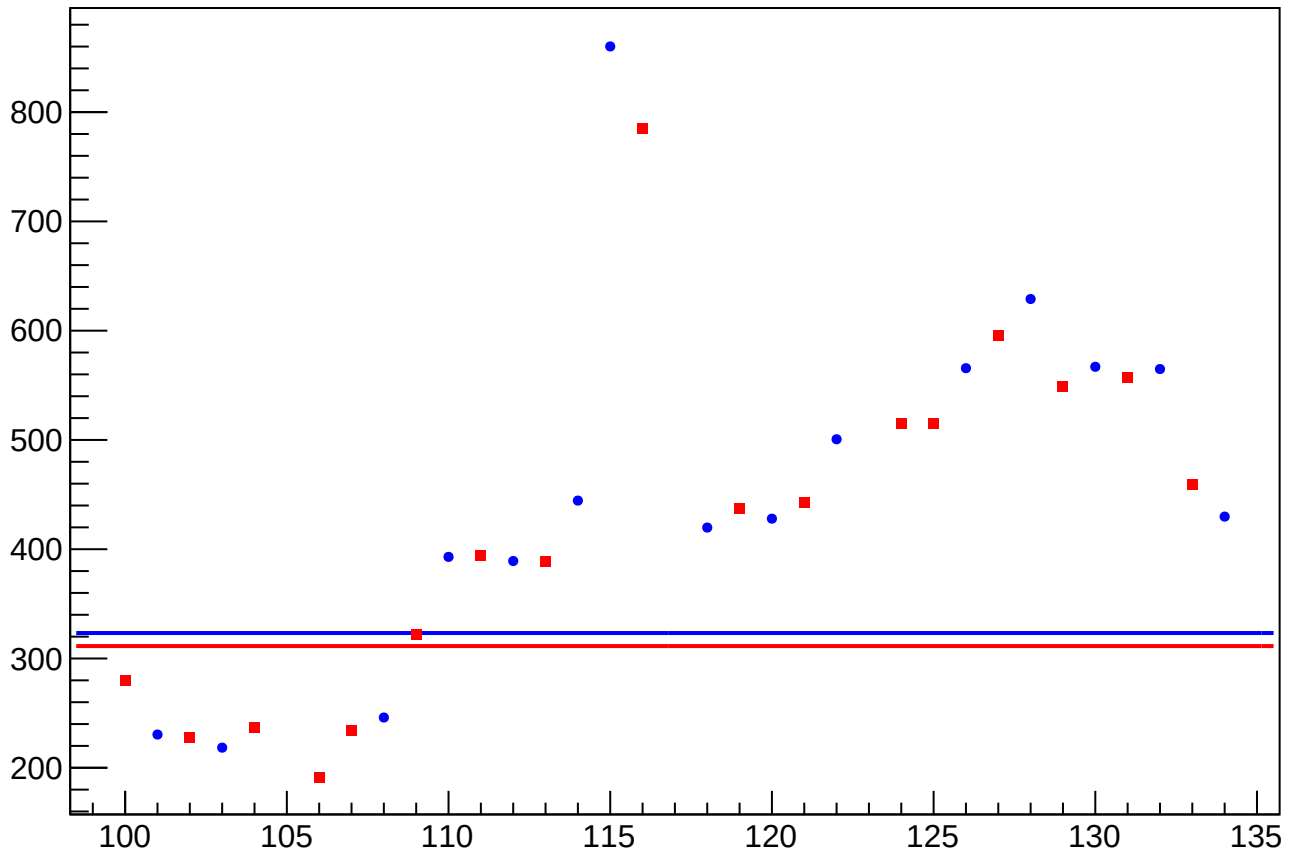
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.441+/-94.437 χ^2/NDF : 27.8/31

- 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

Right Out: 311.364+/-0.091 χ^2/NDF : 1778303.8/16

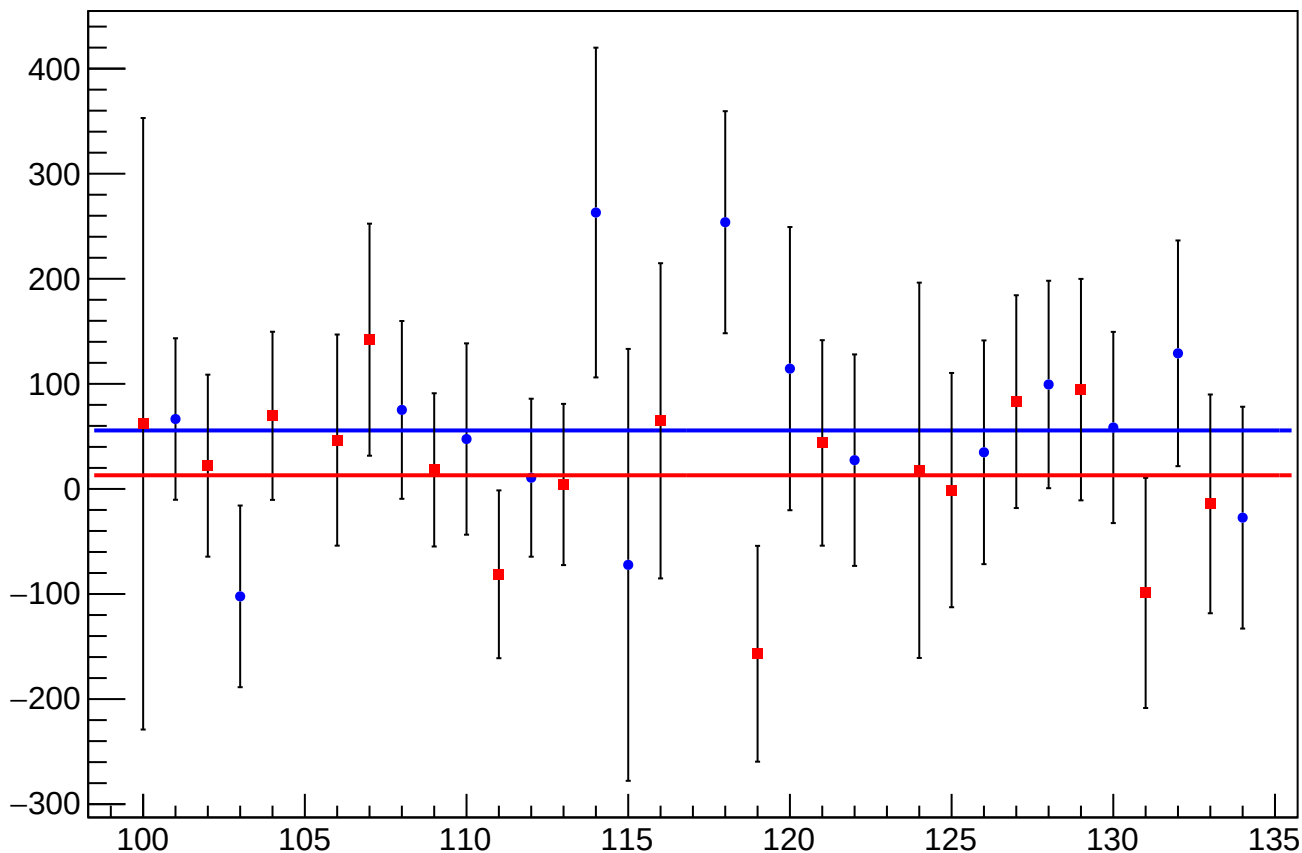
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 316.916+/-0.067 χ^2/NDF : 3513500.5/31

- sign 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: 12.998 $\pm$ 24.139 χ^2 /NDF: 8.6/16

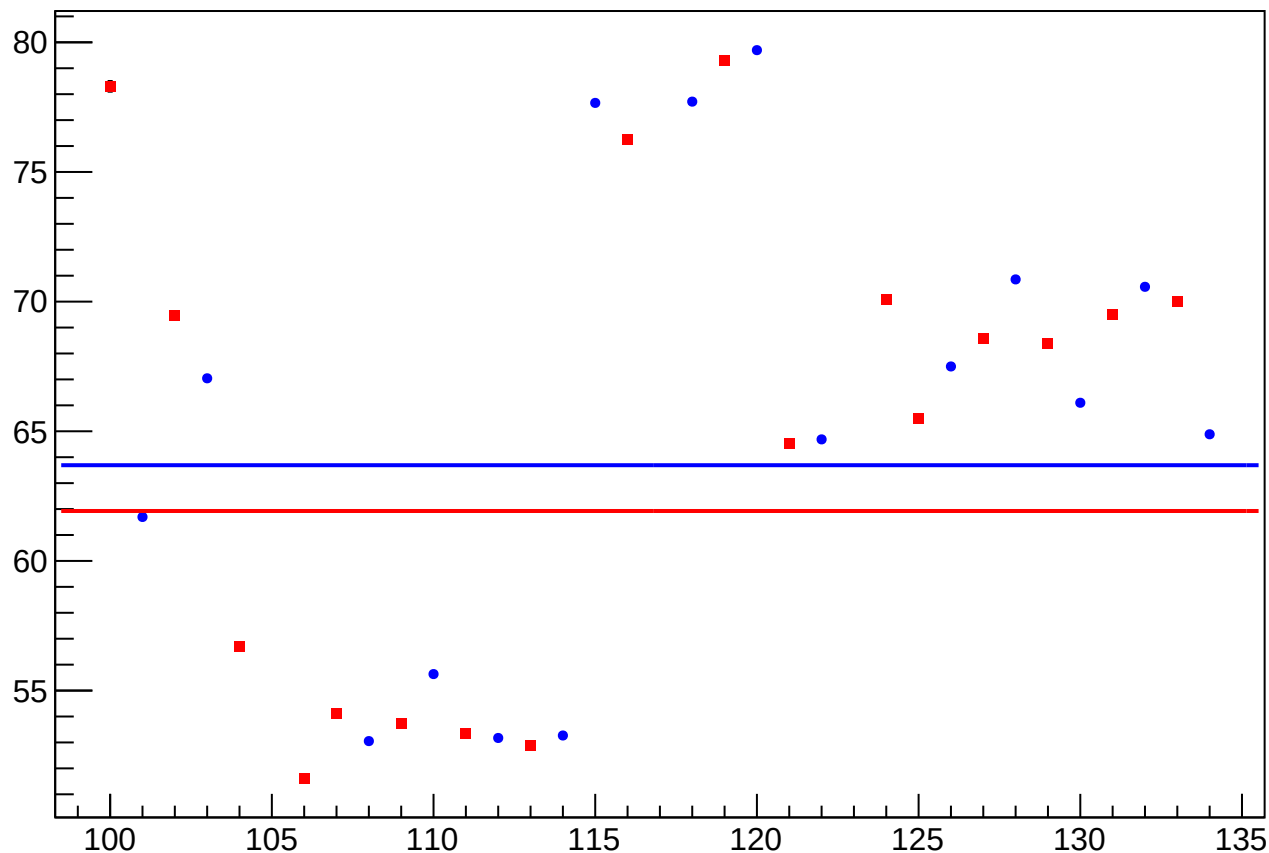
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.150 $\pm$ 17.535 χ^2 /NDF: 21.1/31

- 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: 61.926 ± 0.017 $\chi^2/\text{NDF}: 258063.3/16$

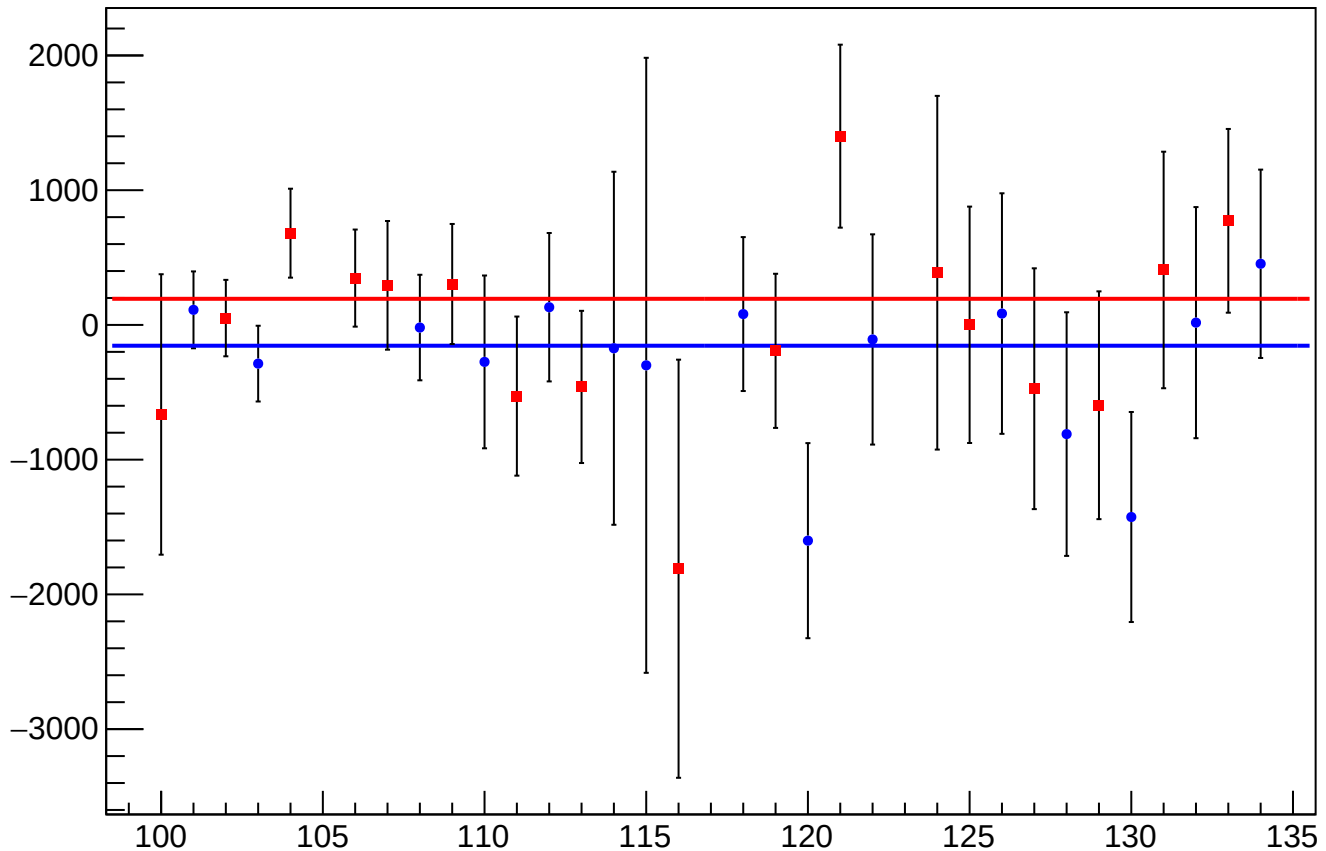
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 62.760 ± 0.012 $\chi^2/\text{NDF}: 458565.7/31$

- 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: 193.880+/-129.882 χ^2/NDF : 13.8/16

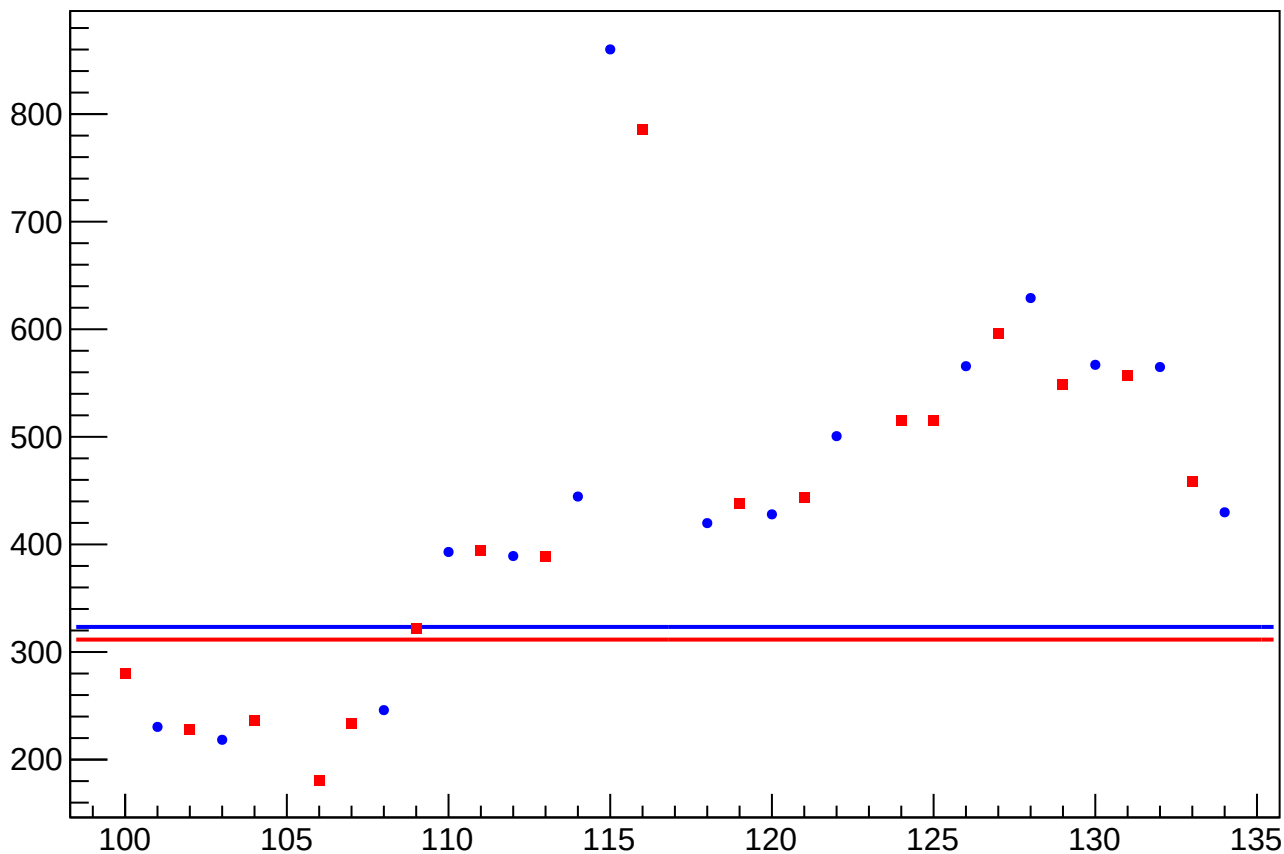
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.983+/-94.754 χ^2/NDF : 26.9/31

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

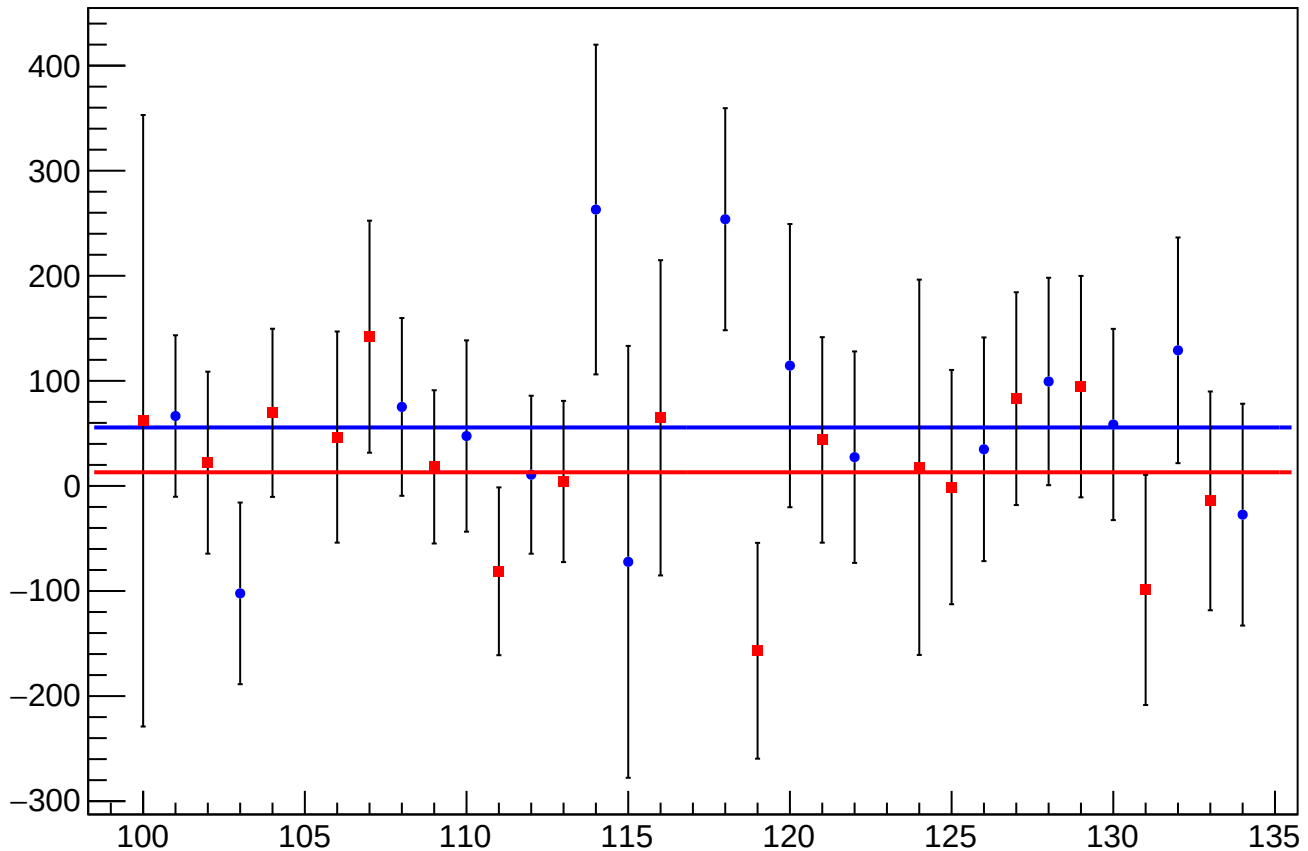
Right Out: 311.544+/-0.092 χ^2/NDF : 1796842.9/16

All: 317.050+/-0.067 χ^2/NDF : 3531702.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_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: 12.998 $\pm$ 24.139 χ^2 /NDF: 8.6/16

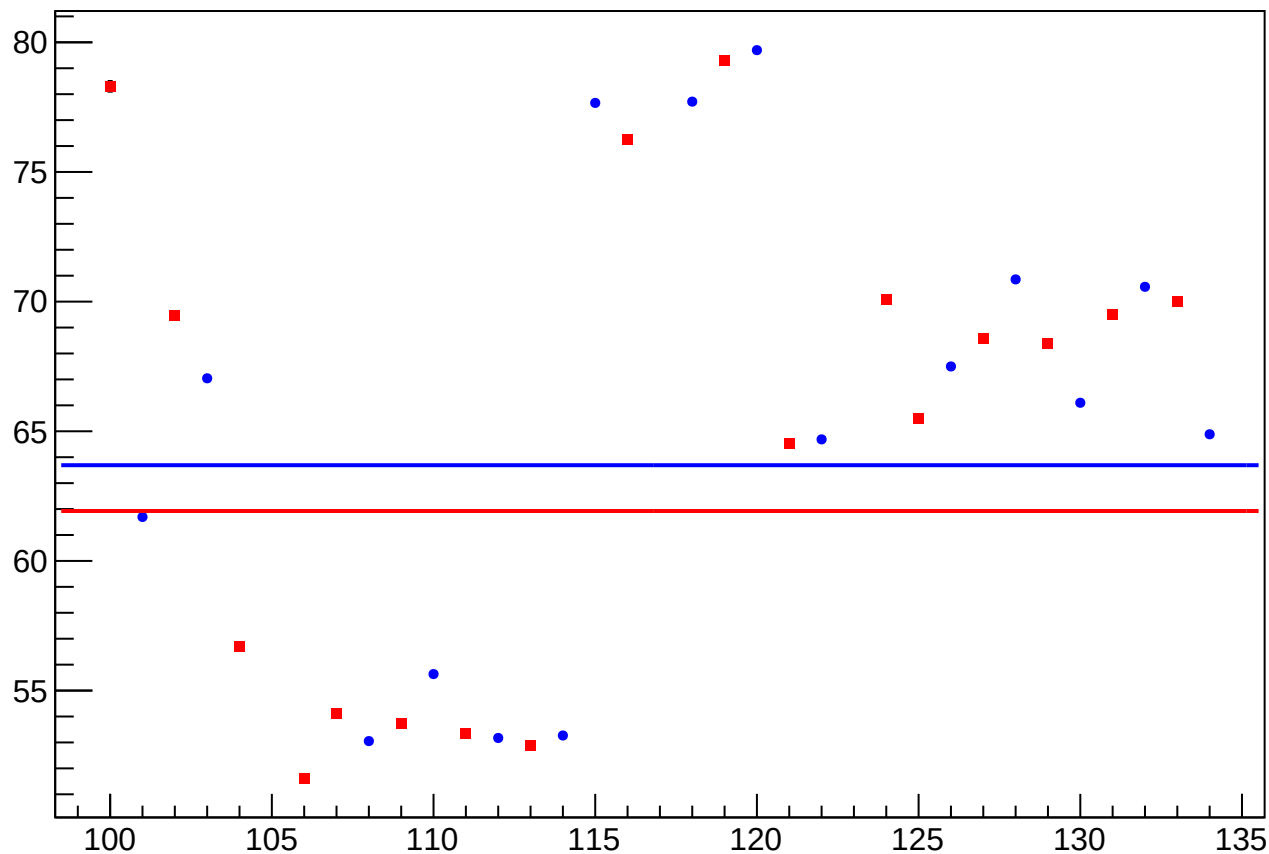
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.150 $\pm$ 17.535 χ^2 /NDF: 21.1/31

- 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: 61.926 ± 0.017 χ^2/NDF : 258063.3/16

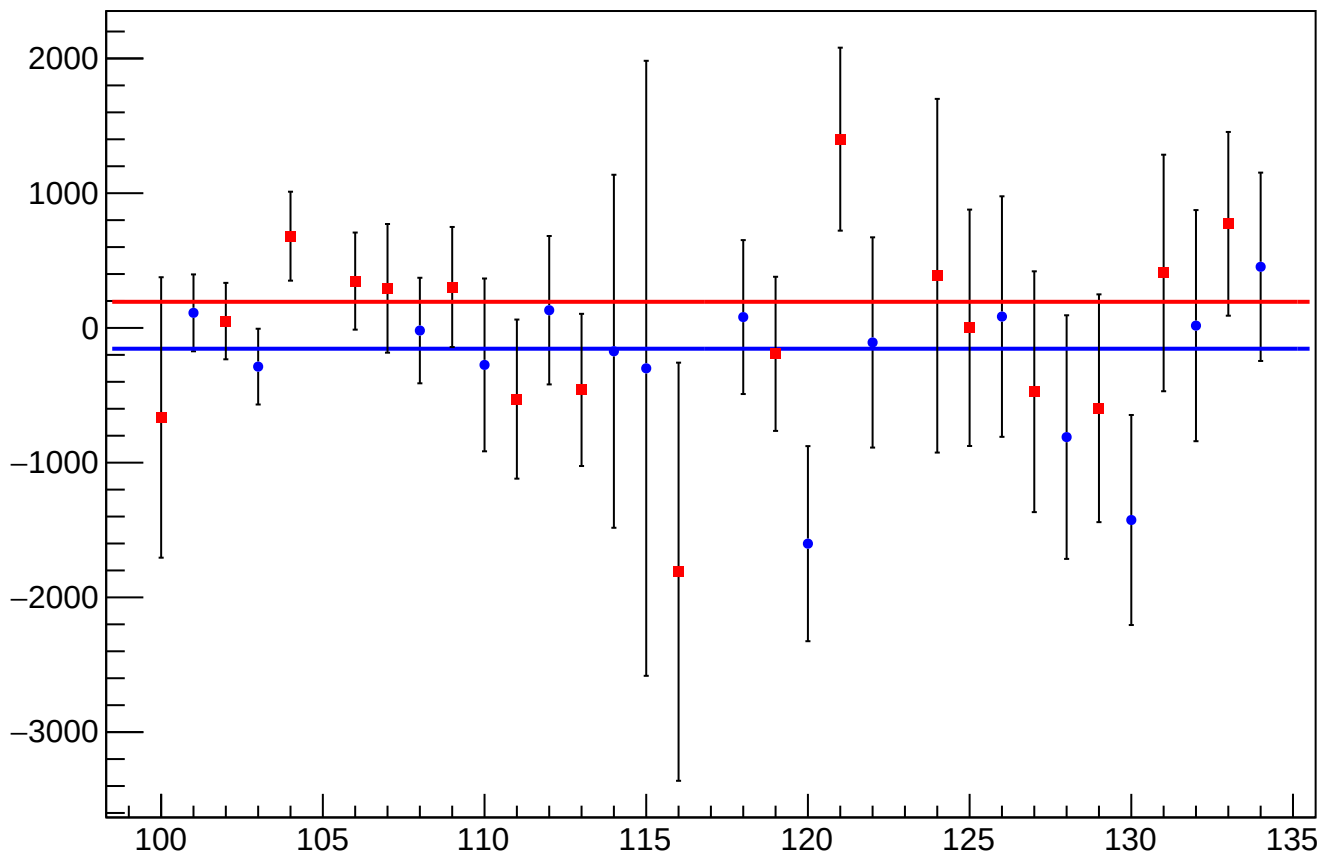
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 62.760 ± 0.012 χ^2/NDF : 458565.7/31

- 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: 193.880+/-129.882 χ^2/NDF : 13.8/16

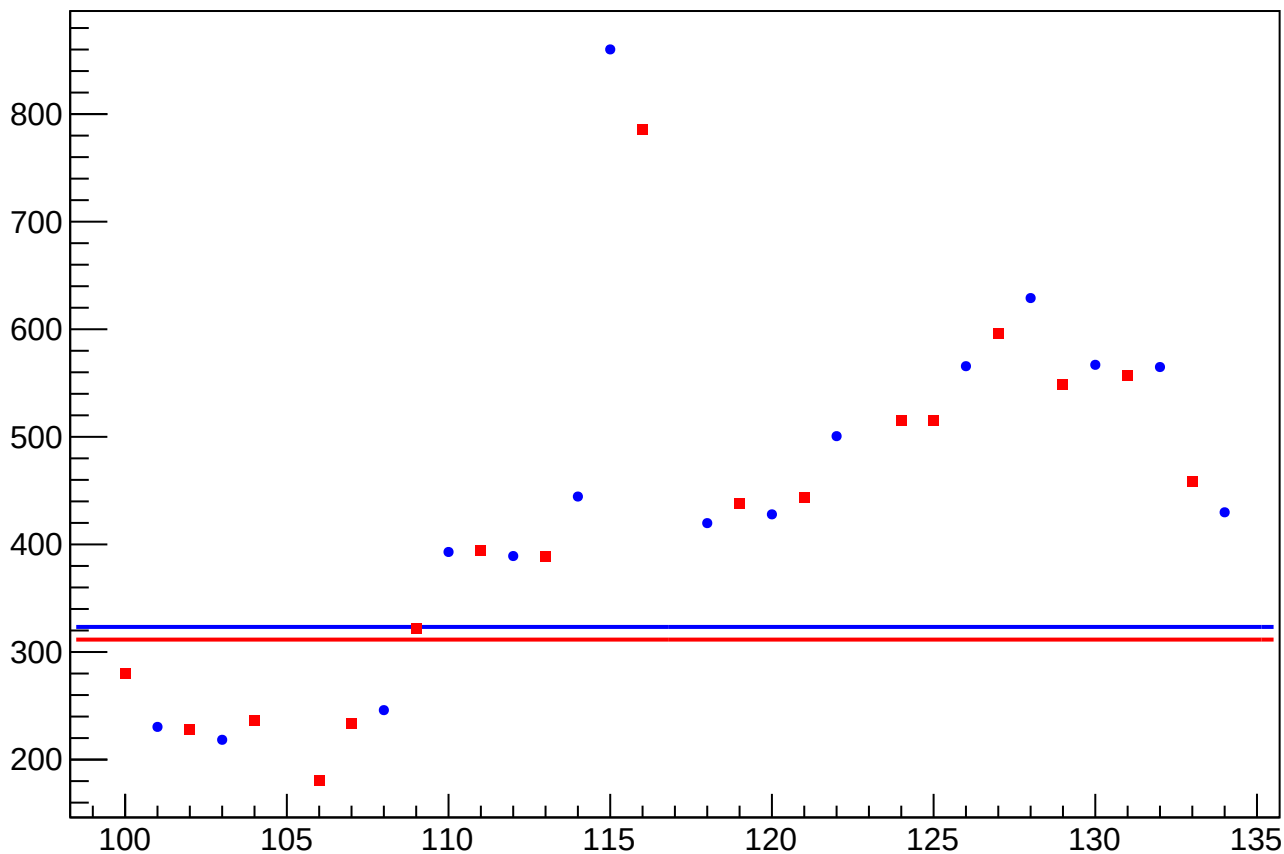
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.983+/-94.754 χ^2/NDF : 26.9/31

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

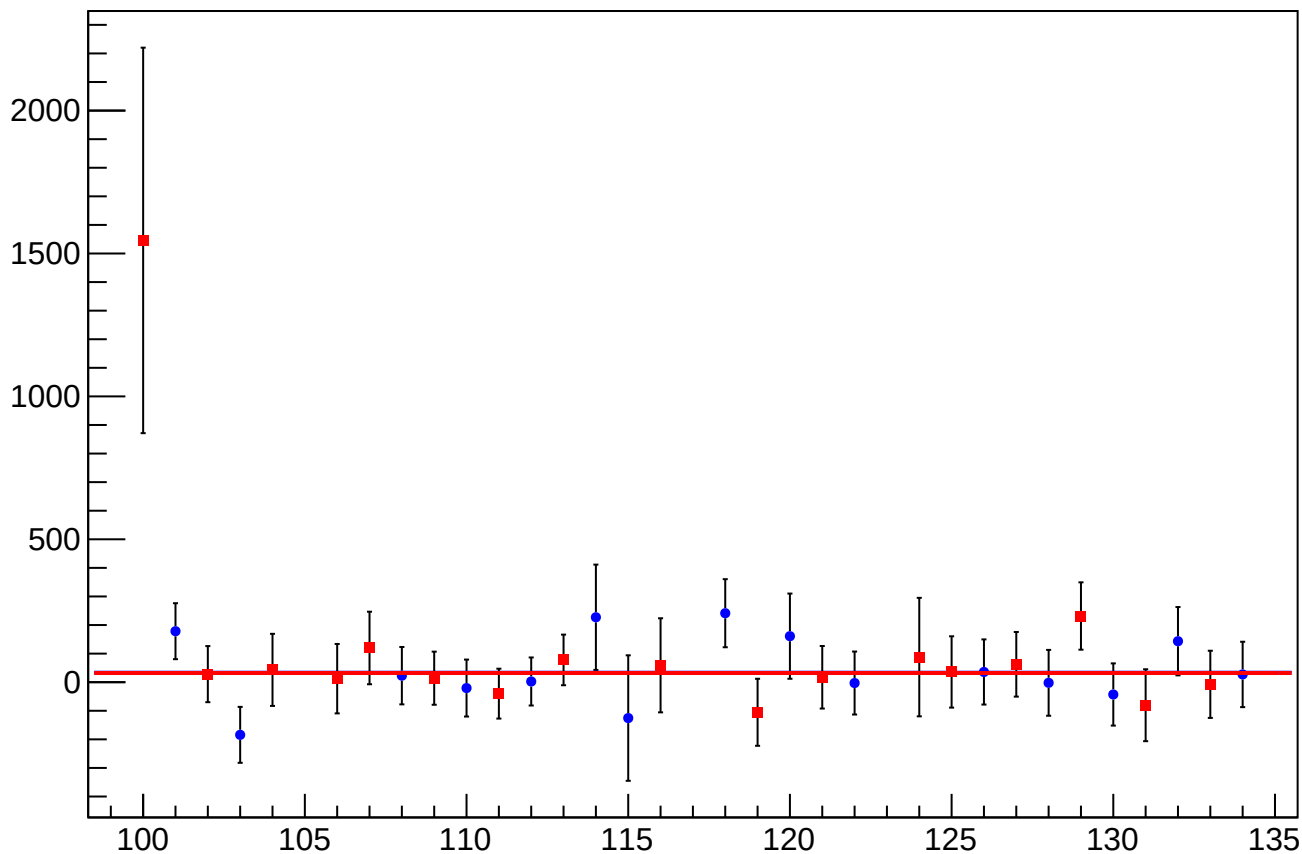
Right Out: 311.544+/-0.092 χ^2/NDF : 1796842.9/16

All: 317.050+/-0.067 χ^2/NDF : 3531702.3/31

- 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_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: 32.152 $\pm$ 28.400 χ^2 /NDF: 11.9/16

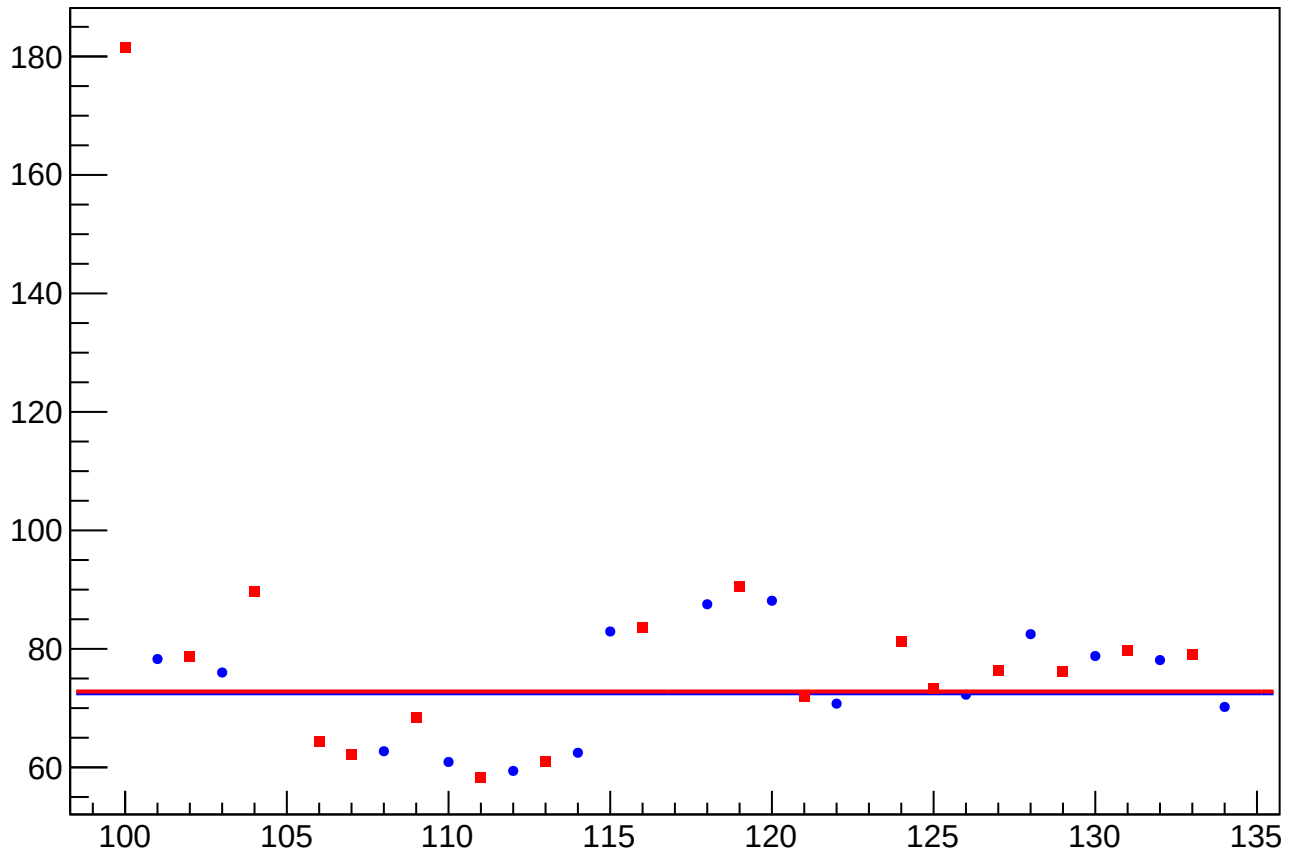
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.610 $\pm$ 20.322 χ^2 /NDF: 26.4/31

- 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: 72.805 $\pm$ 0.020 χ^2 /NDF: 287310.9/16

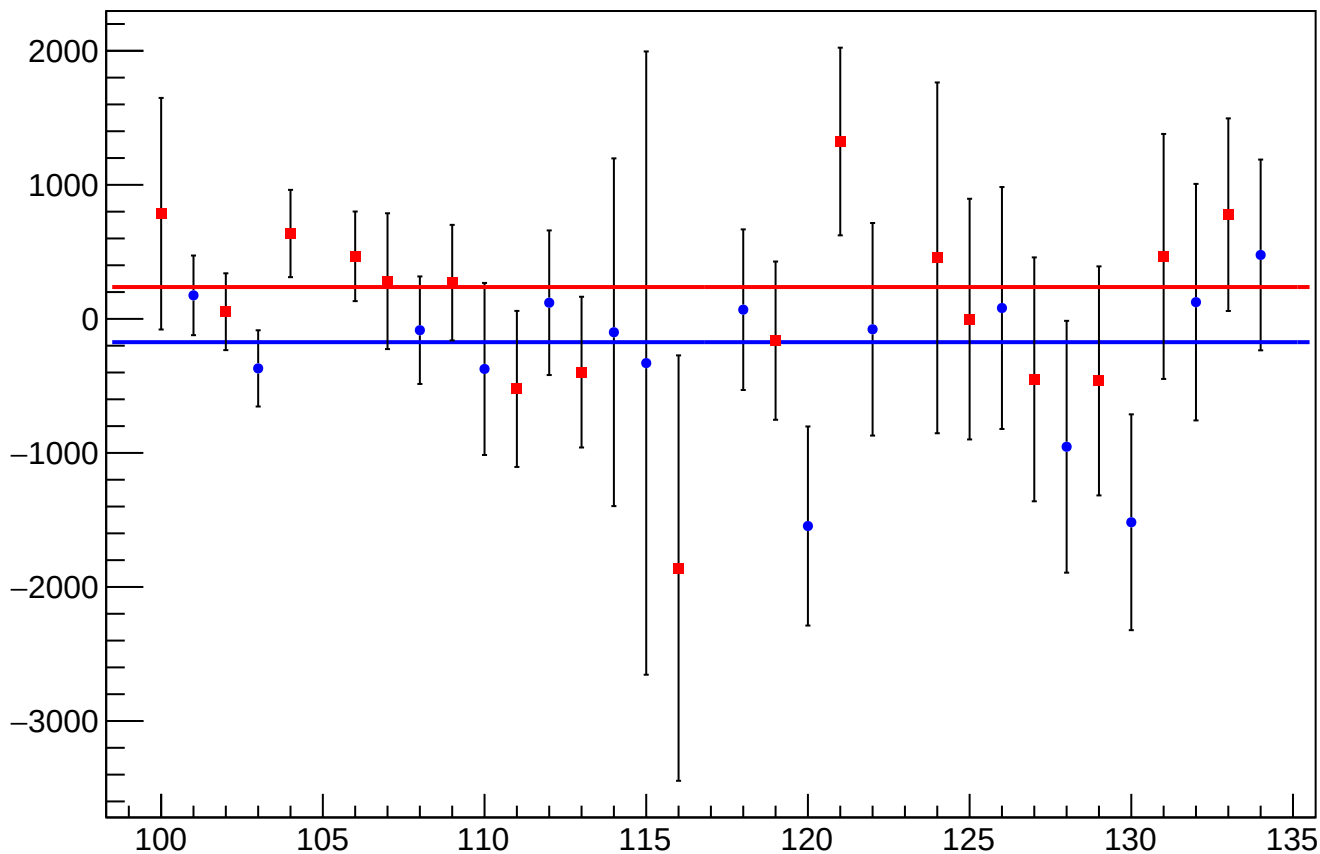
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 72.657 $\pm$ 0.014 χ^2 /NDF: 483331.1/31

- 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 $\pm$ 141.553 χ^2 /NDF: 10.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 237.542 $\pm$ 128.954 χ^2 /NDF: 12.4/16

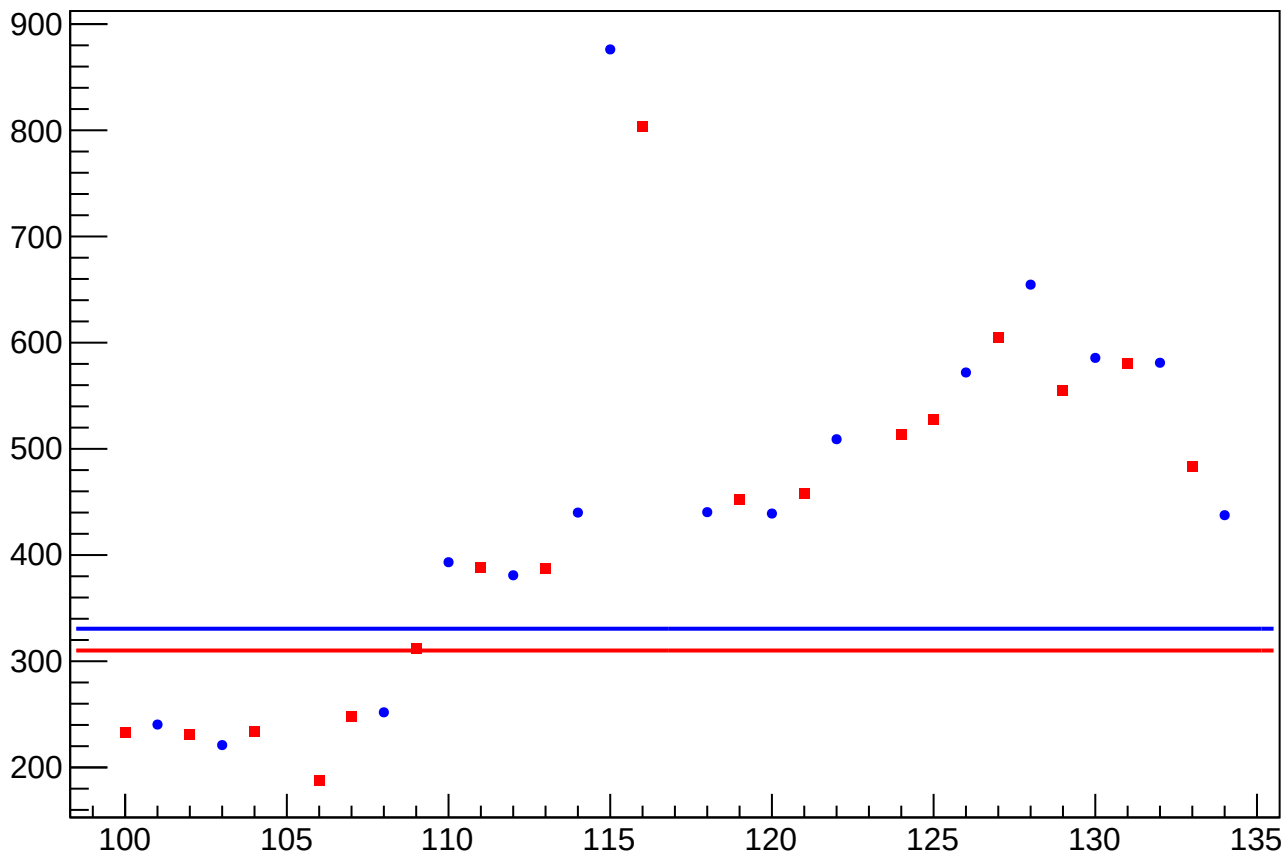
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 51.031 $\pm$ 95.328 χ^2 /NDF: 27.4/31

- sign 0.000 $\pm$ 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

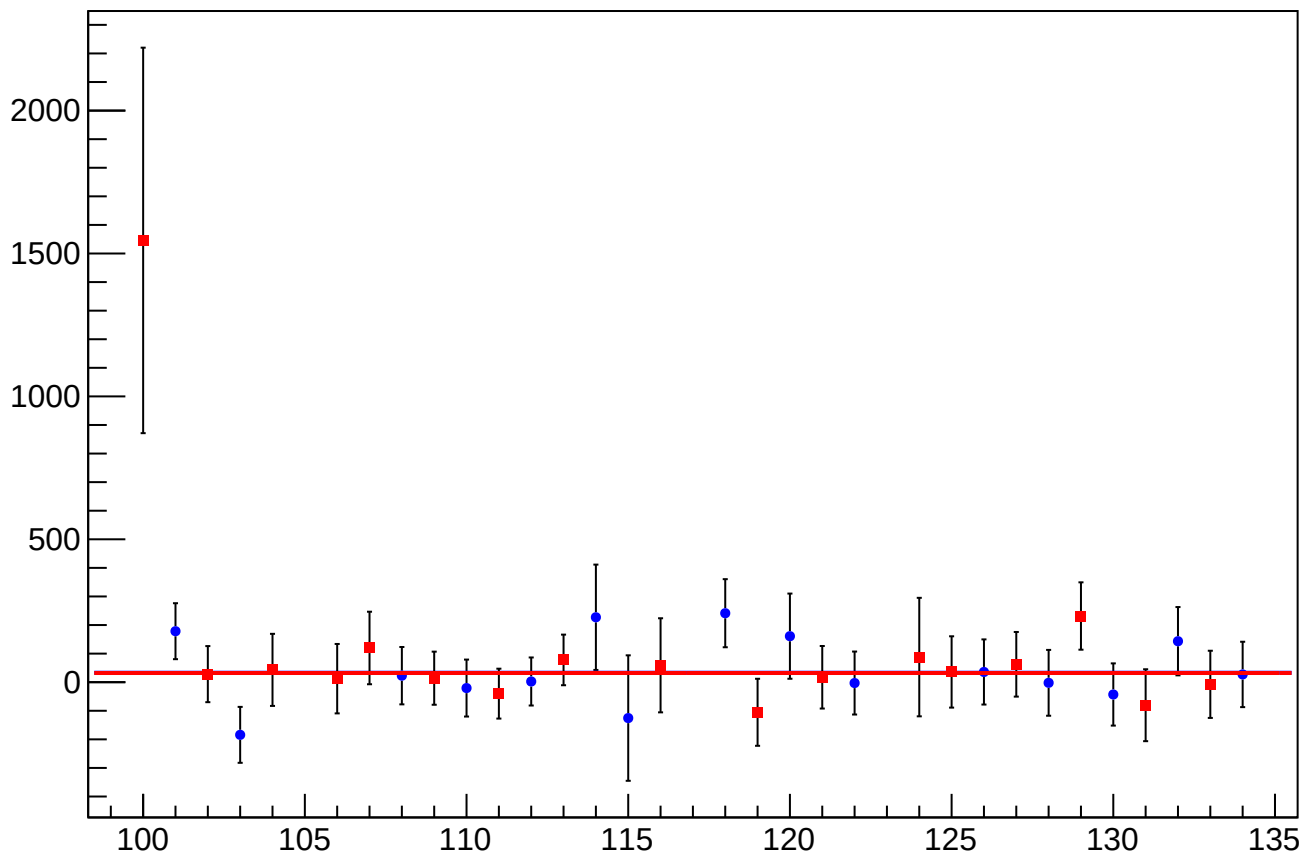
Right Out: 310.096+/-0.091 χ^2/NDF : 1882194.7/16

All: 319.407+/-0.067 χ^2/NDF : 3623649.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_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: 32.152 $\pm$ 28.400 χ^2 /NDF: 11.9/16

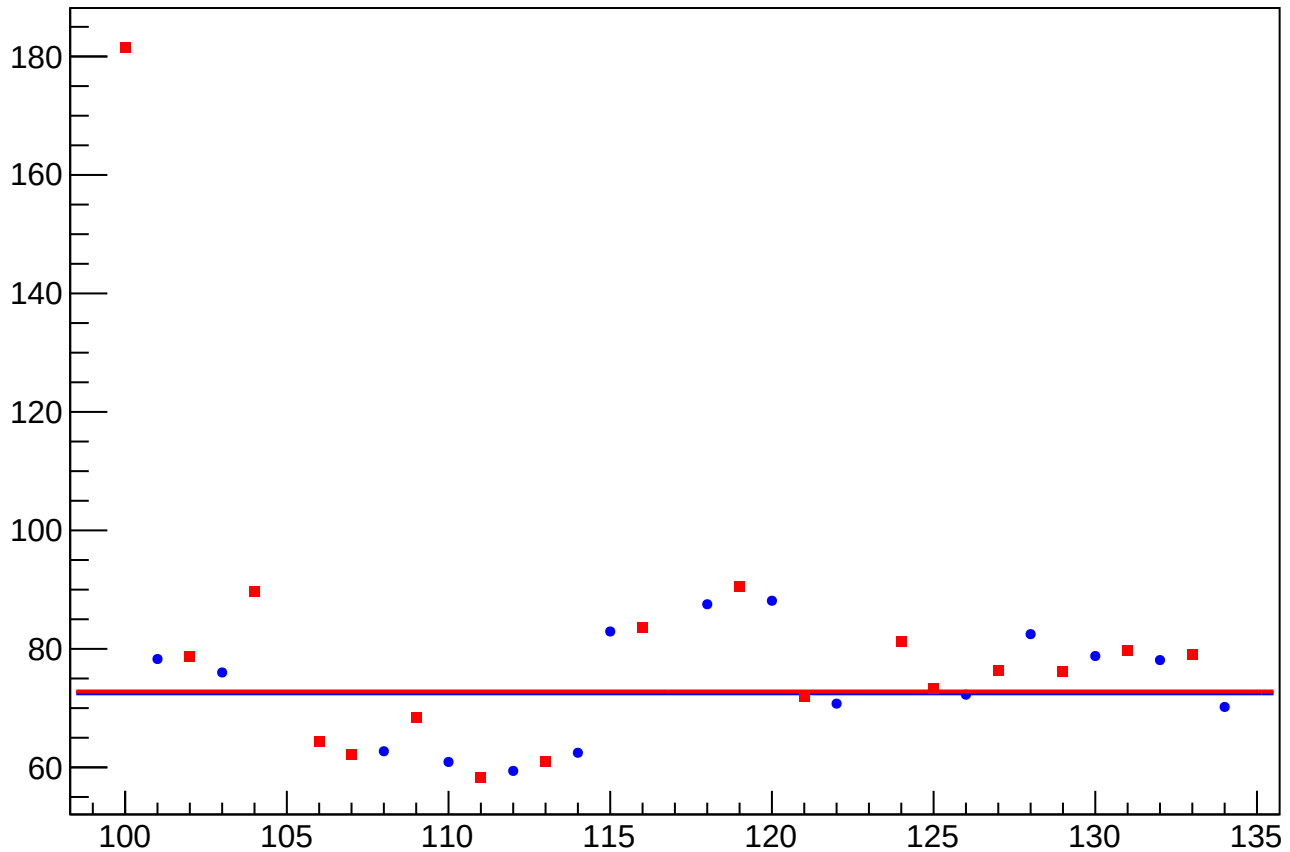
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.611 $\pm$ 20.322 χ^2 /NDF: 26.4/31

- 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: 72.805 $\pm$ 0.020 χ^2 /NDF: 287313.7/16

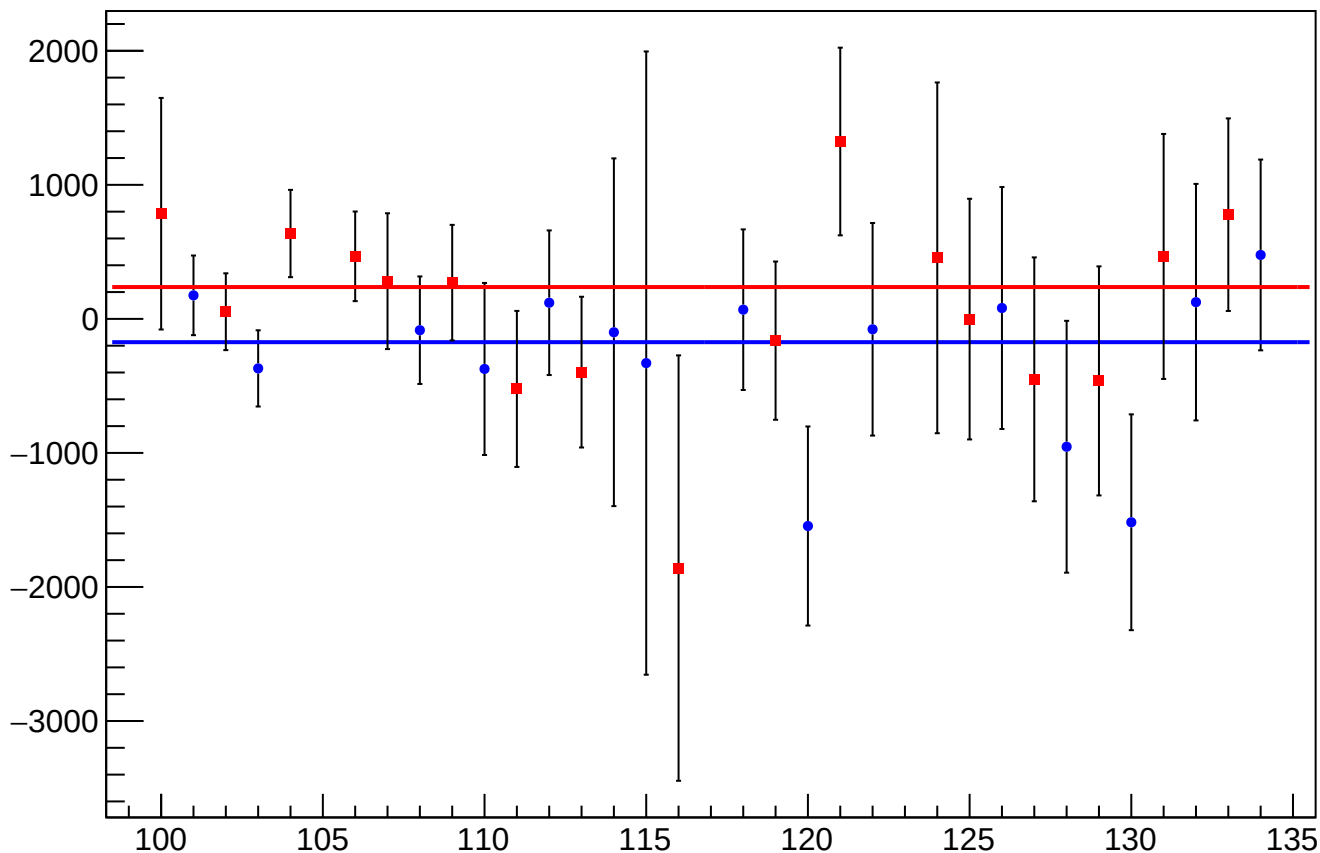
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 72.657 $\pm$ 0.014 χ^2 /NDF: 483332.9/31

- 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 $\pm$ 141.553 χ^2 /NDF: 10.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 237.542 $\pm$ 128.954 χ^2 /NDF: 12.4/16

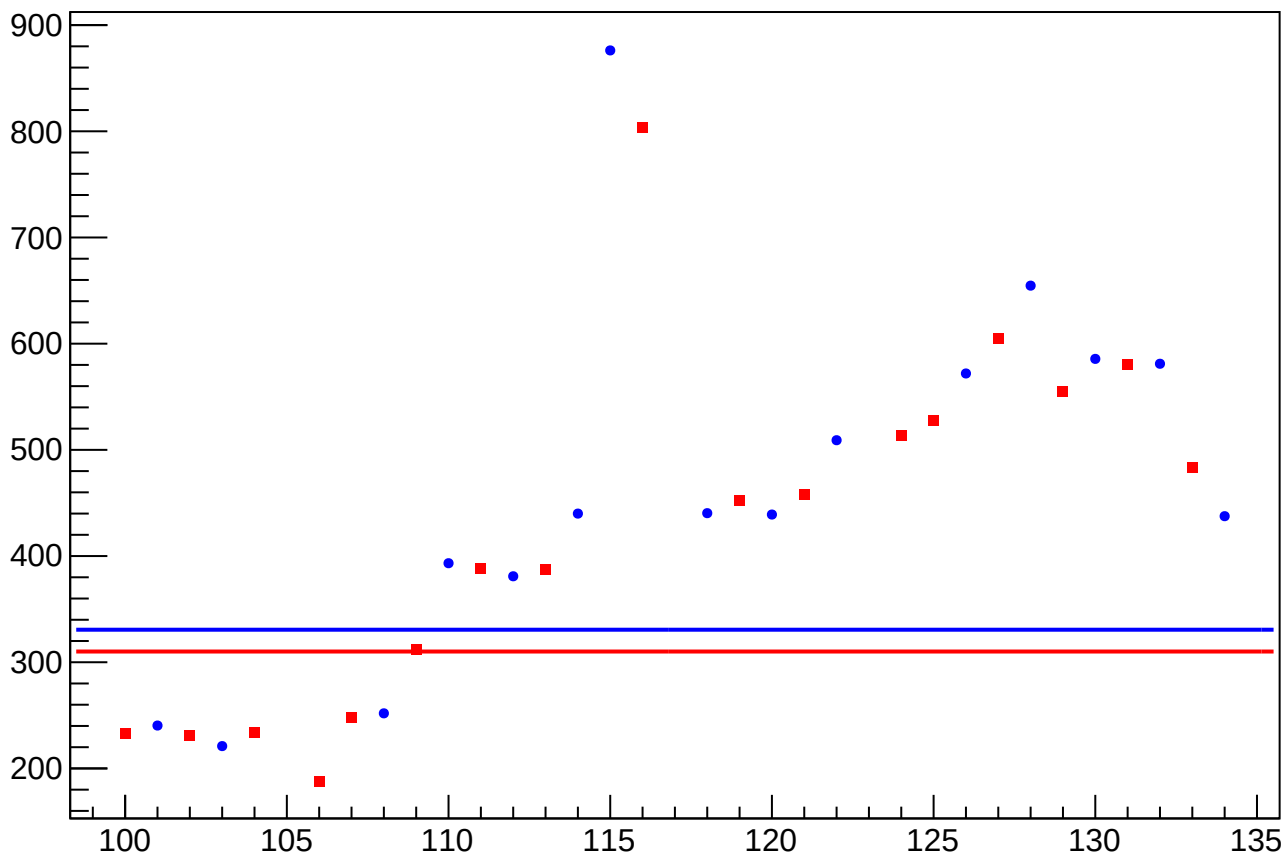
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 51.031 $\pm$ 95.328 χ^2 /NDF: 27.4/31

- sign 0.000 $\pm$ 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

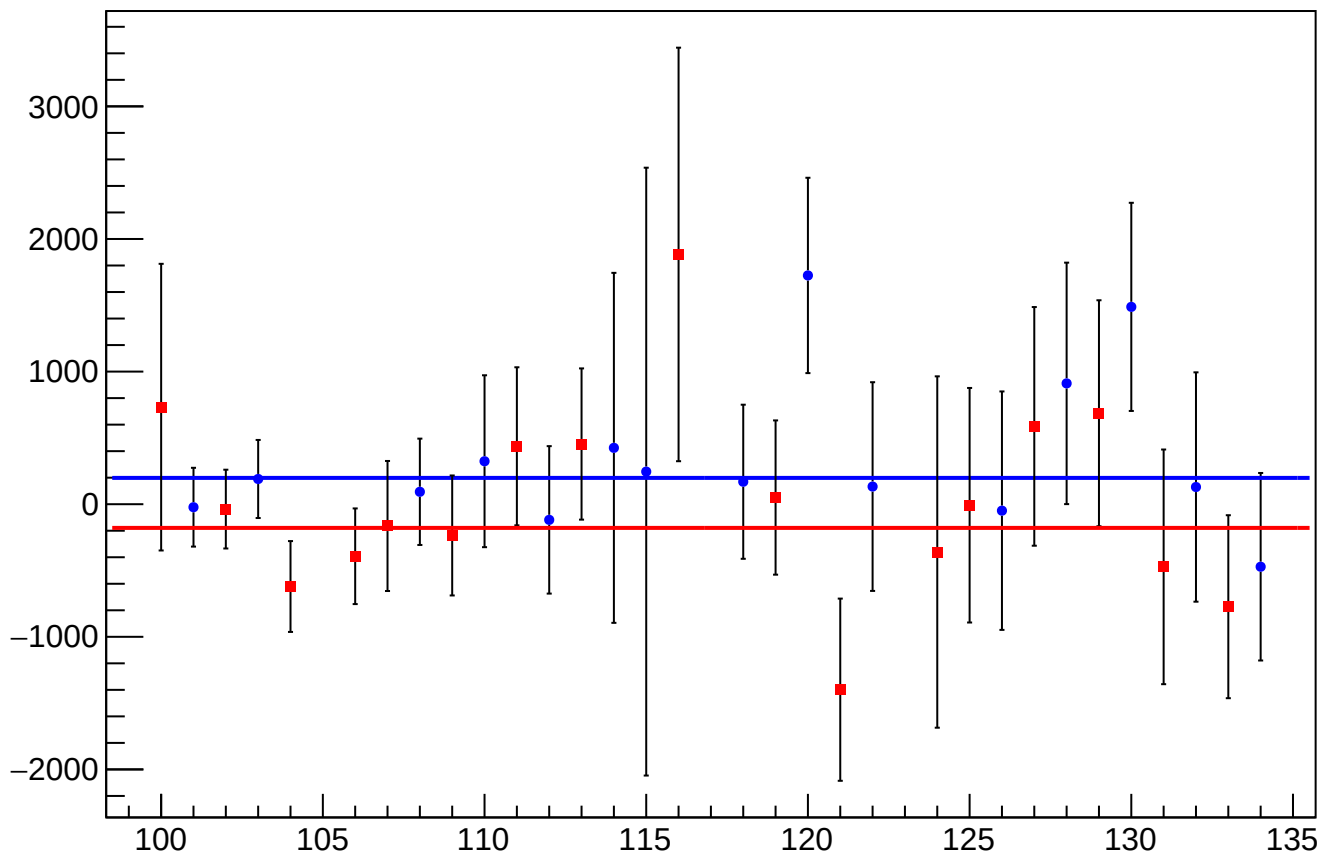
Right Out: 310.096+/-0.091 χ^2/NDF : 1882193.4/16

All: 319.408+/-0.067 χ^2/NDF : 3623648.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_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: -178.673 $\pm$ 132.849 χ^2 /NDF: 13.0/16

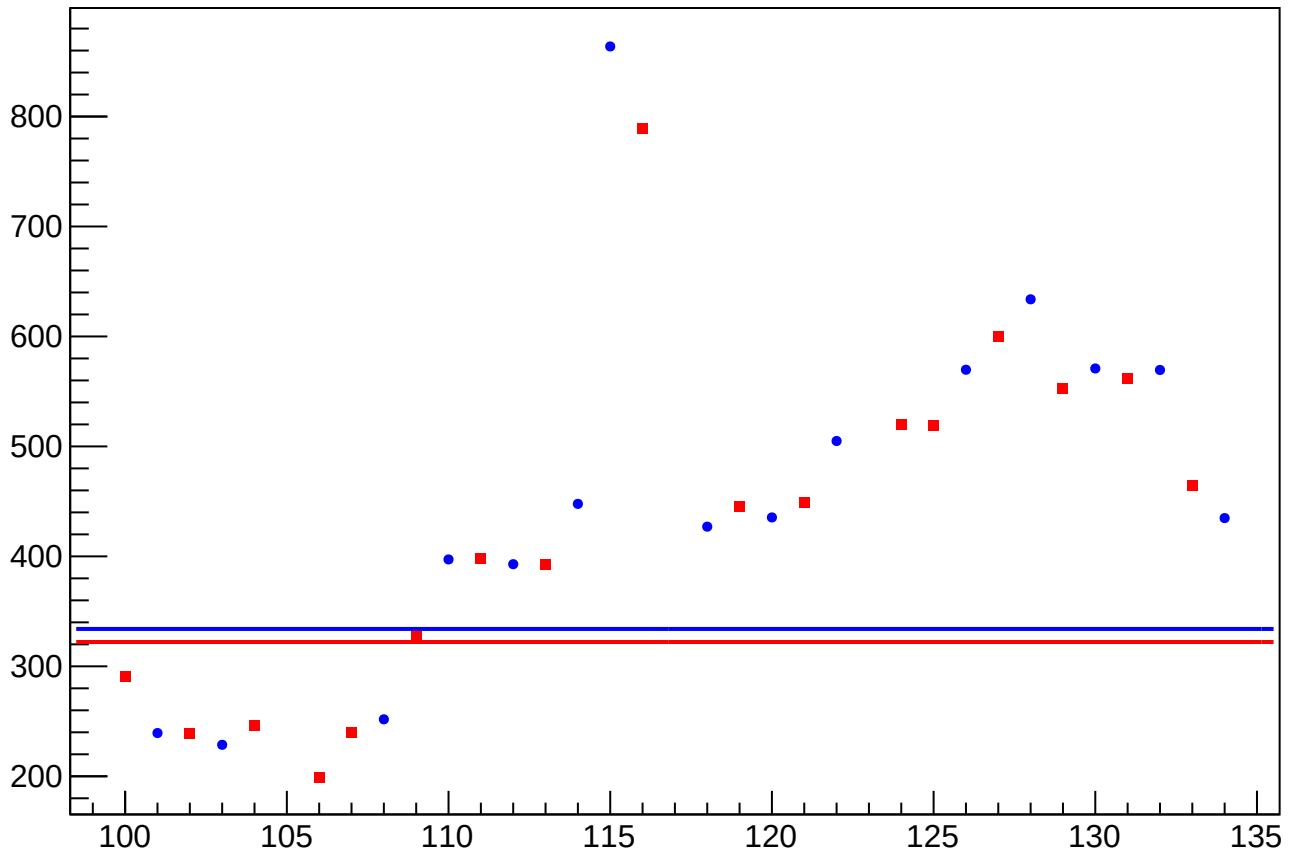
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.242 $\pm$ 97.147 χ^2 /NDF: 26.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_rms vs Slug



Right In: 334.004 $\pm$ 0.101 χ^2 /NDF: 1615623.4/14

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

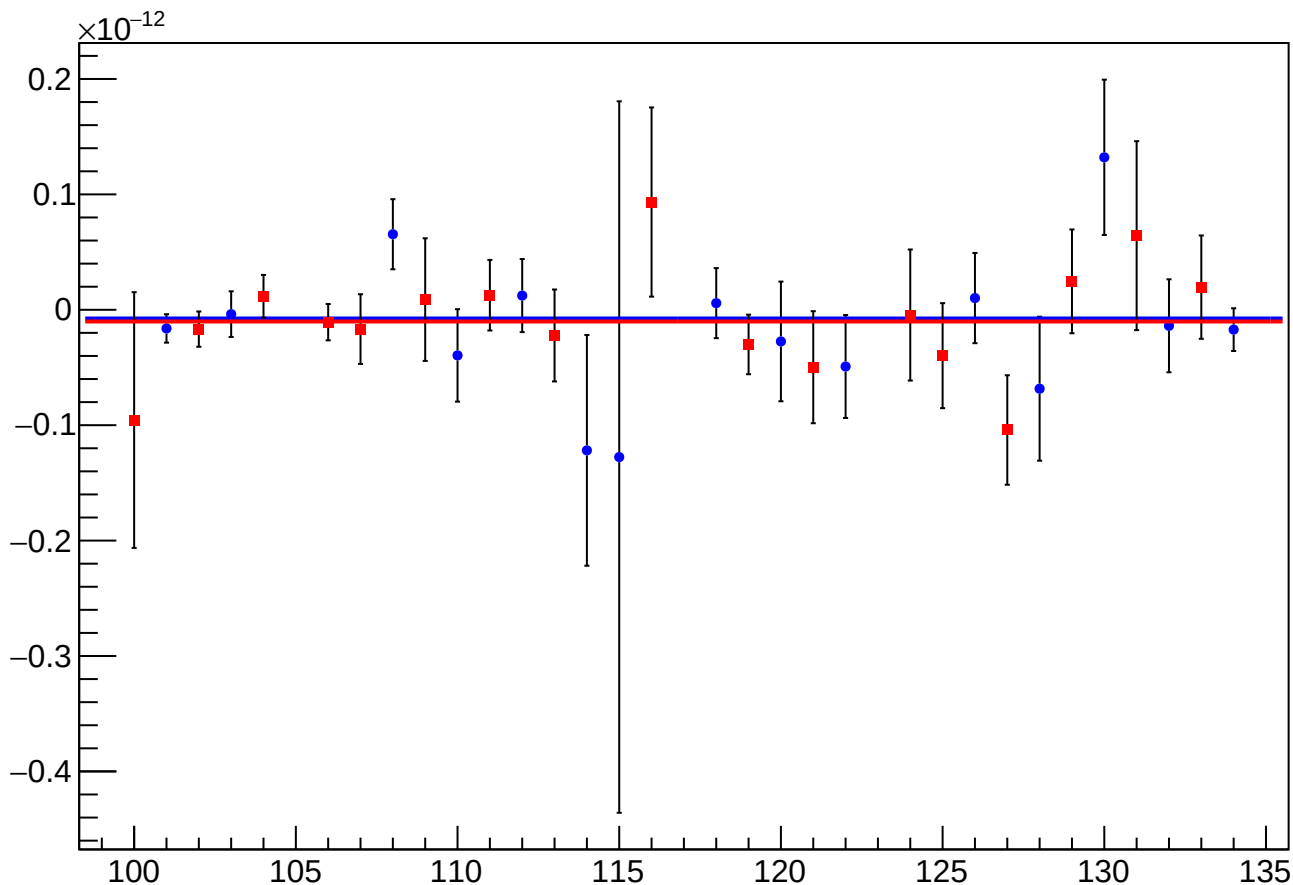
Right Out: 322.121 $\pm$ 0.094 χ^2 /NDF: 1659705.4/16

All: 327.650 $\pm$ 0.069 χ^2 /NDF: 3282774.5/31

- 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_sam_37_48_dd_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: 12.1/16

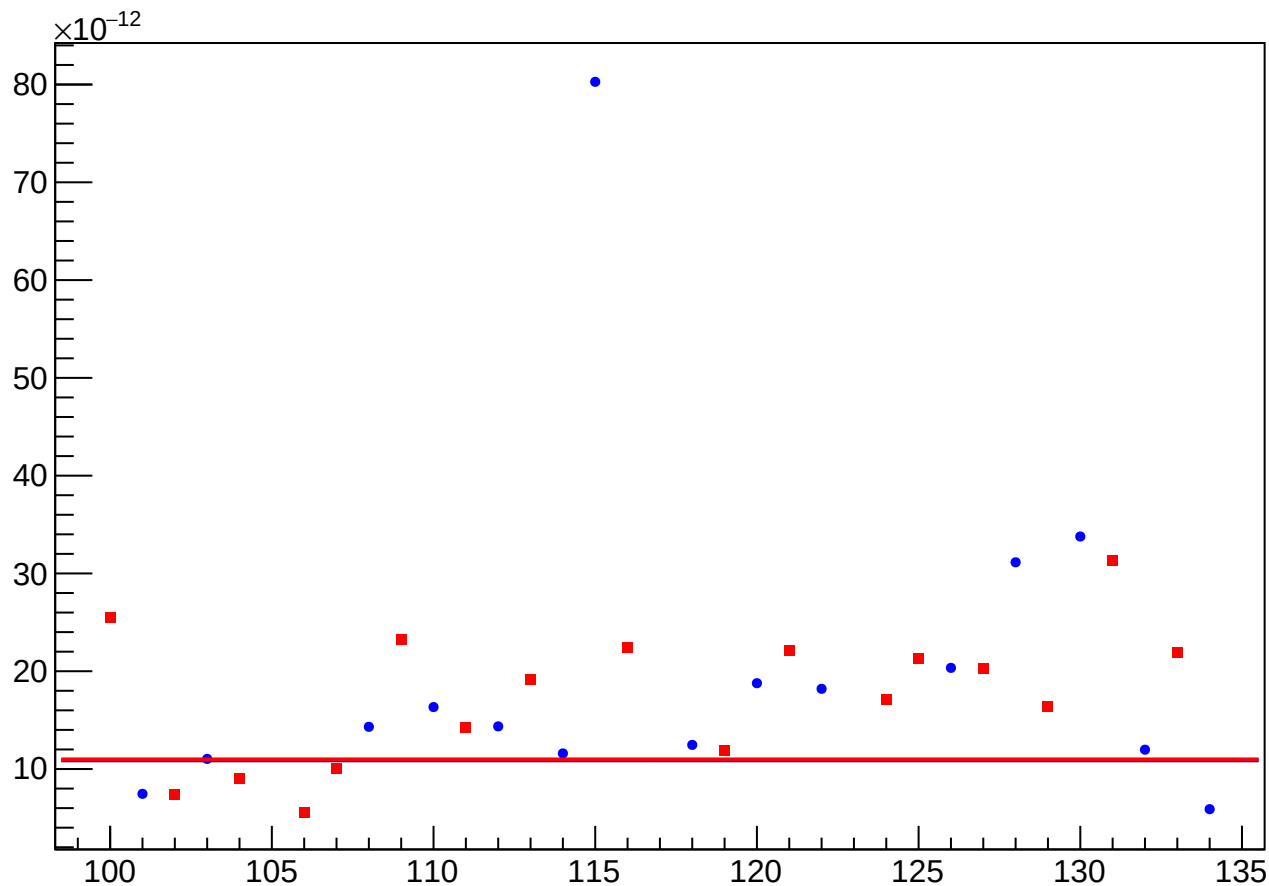
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 27.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1154496.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1244878.4/16

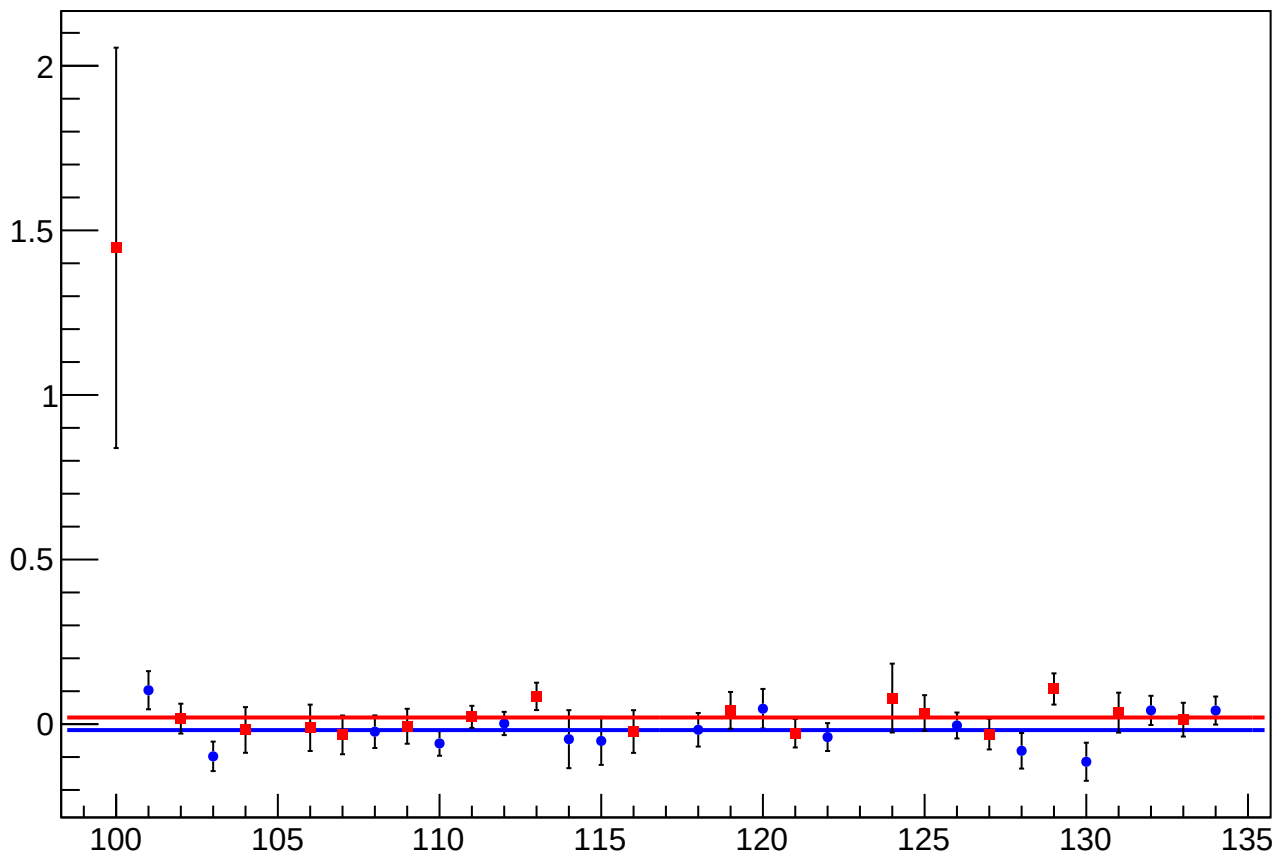
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2399513.1/31

- sign 0.000+/-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: 0.020 ± 0.013 χ^2/NDF : 16.2/16

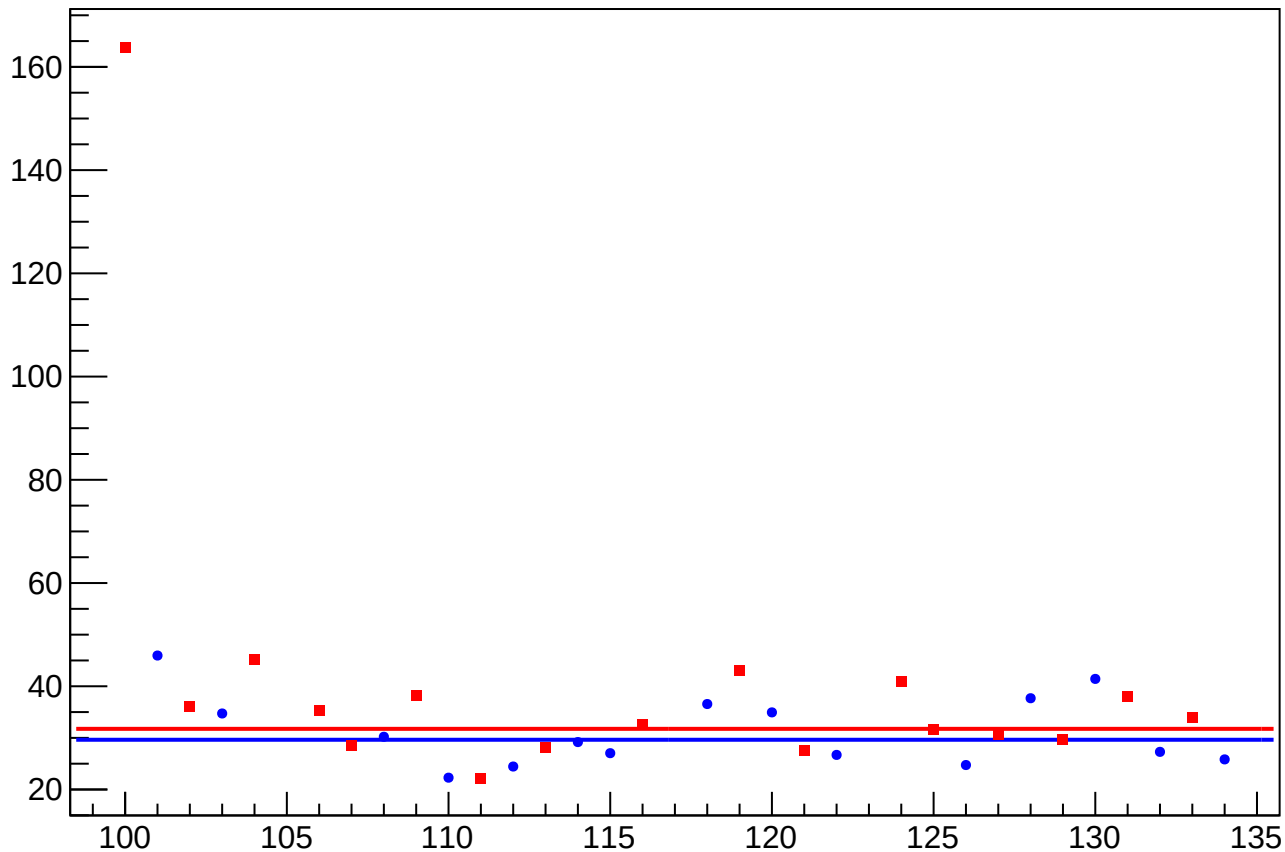
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.009 χ^2/NDF : 39.6/31

- 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+/-0.009 χ^2/NDF : 549389.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.752+/-0.009 χ^2/NDF : 555139.1/16

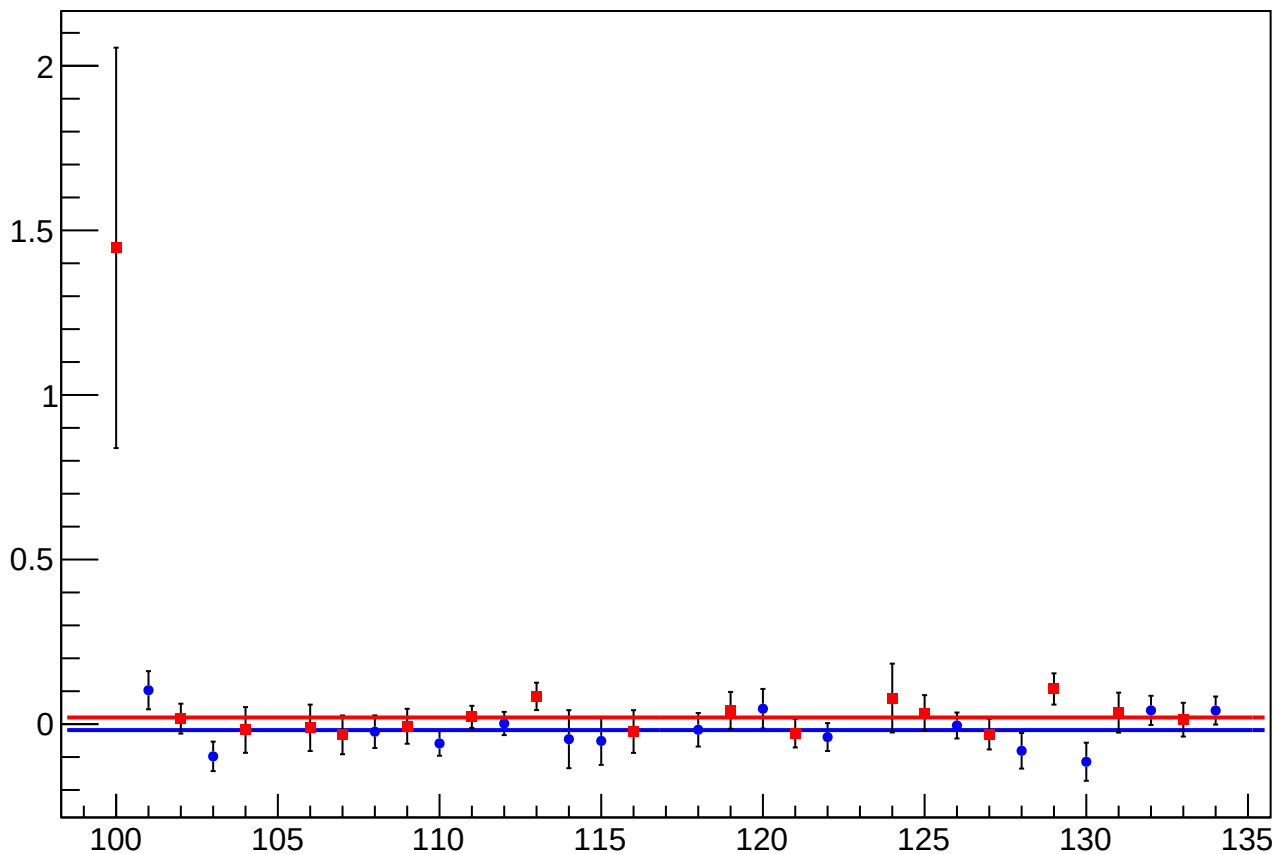
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.652+/-0.006 χ^2/NDF : 1132872.4/31

- sign 0.000+/-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: 0.020 ± 0.013 χ^2/NDF : 16.2/16

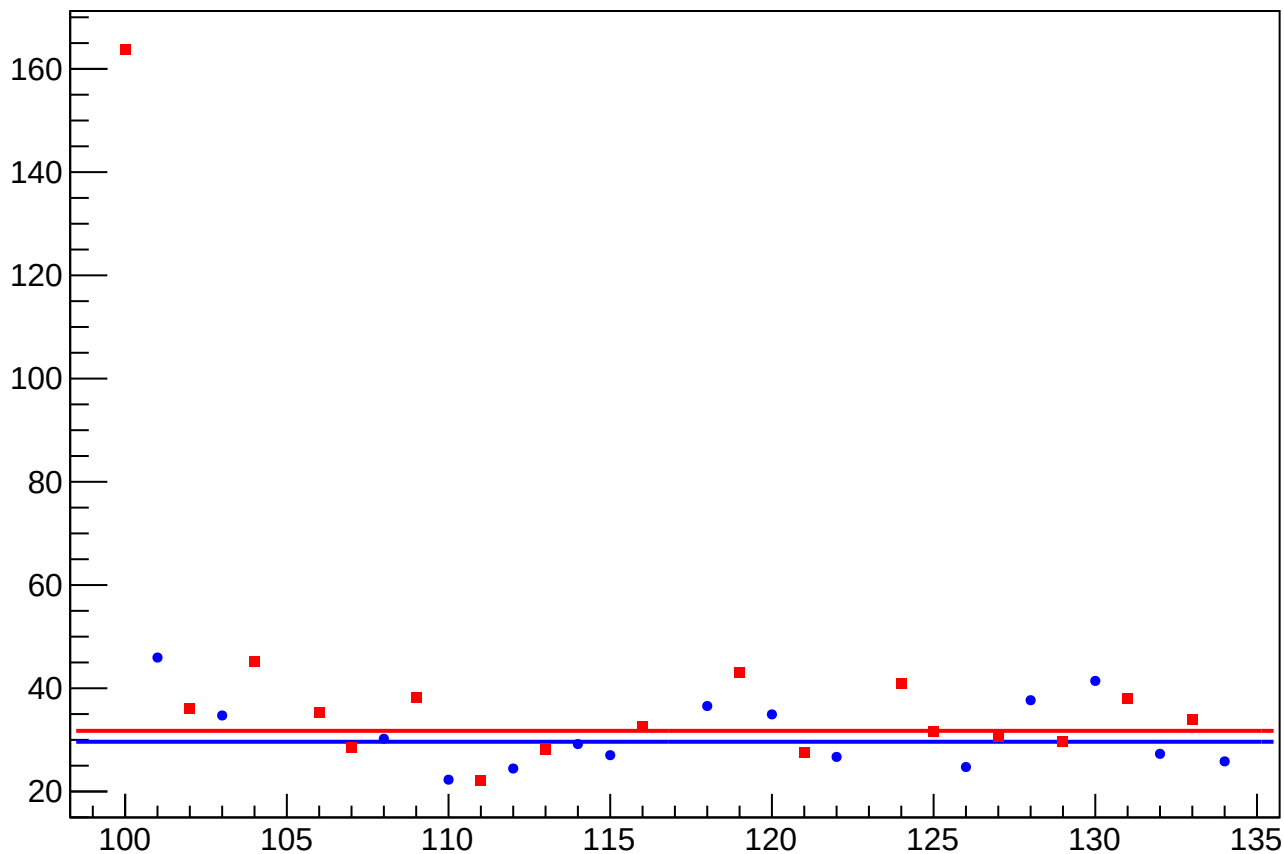
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.009 χ^2/NDF : 39.6/31

- 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: 31.752 $\pm$ 0.009 χ^2 /NDF: 555139.1/16

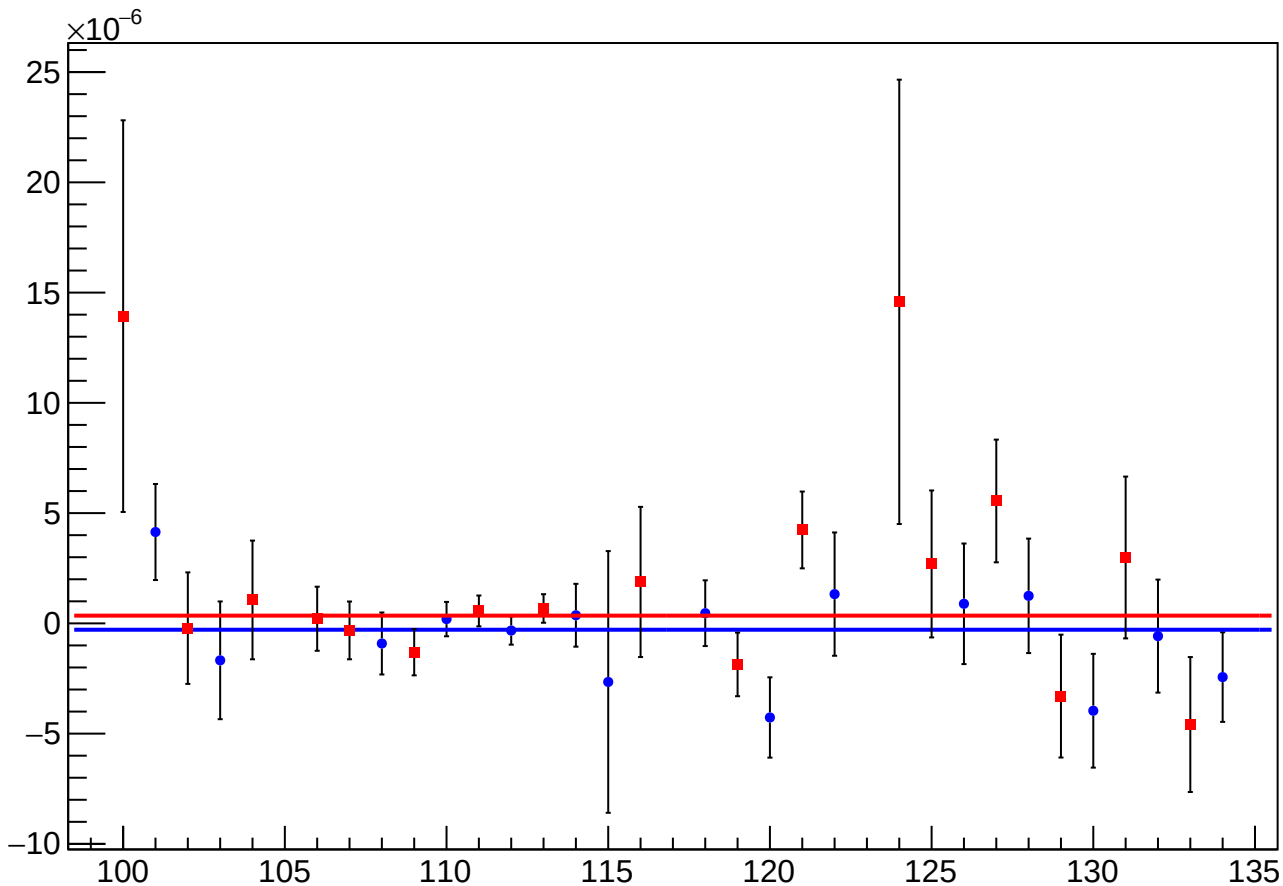
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.652 $\pm$ 0.006 χ^2 /NDF: 1132872.4/31

- 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: 23.9/16

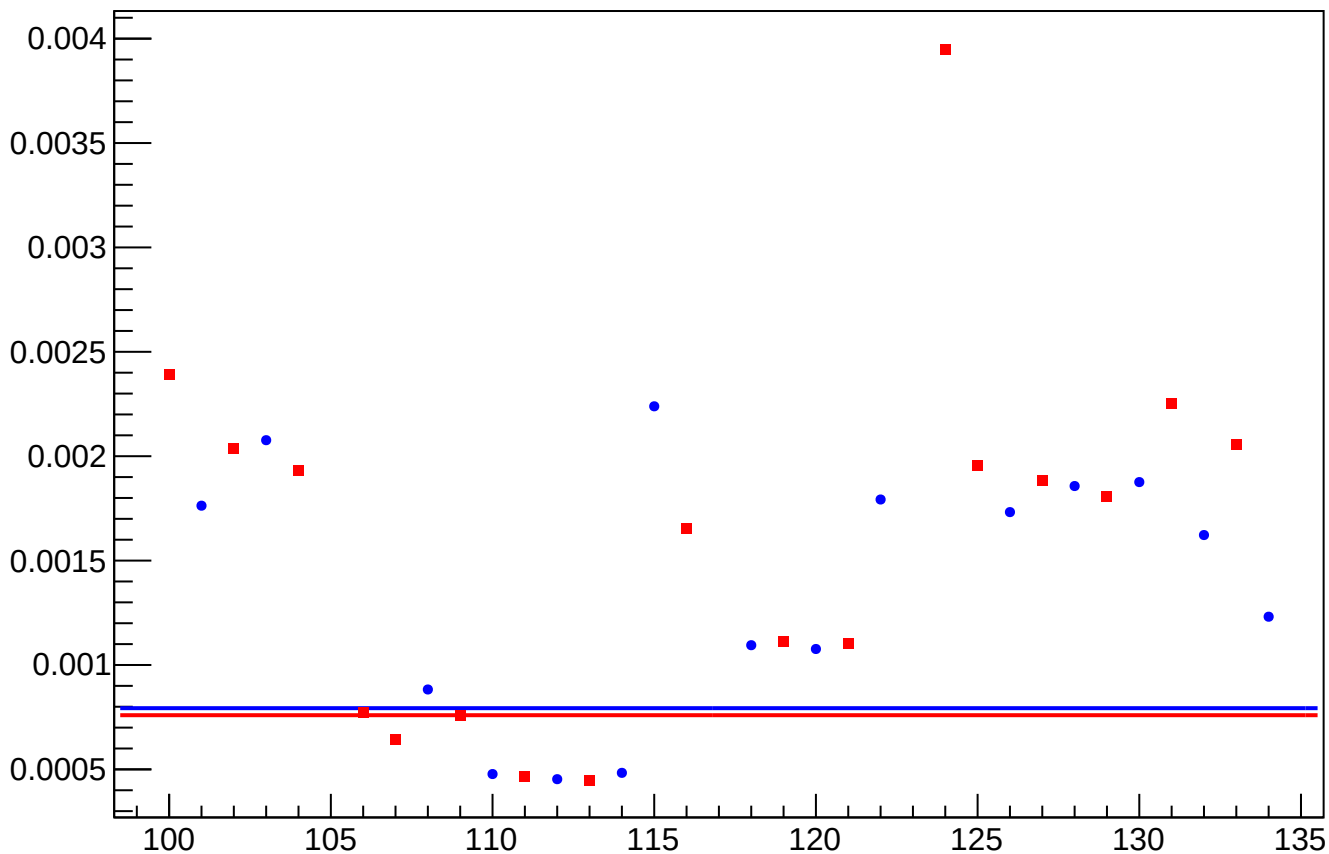
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 39.9/31

- 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 : 3887376.5/16

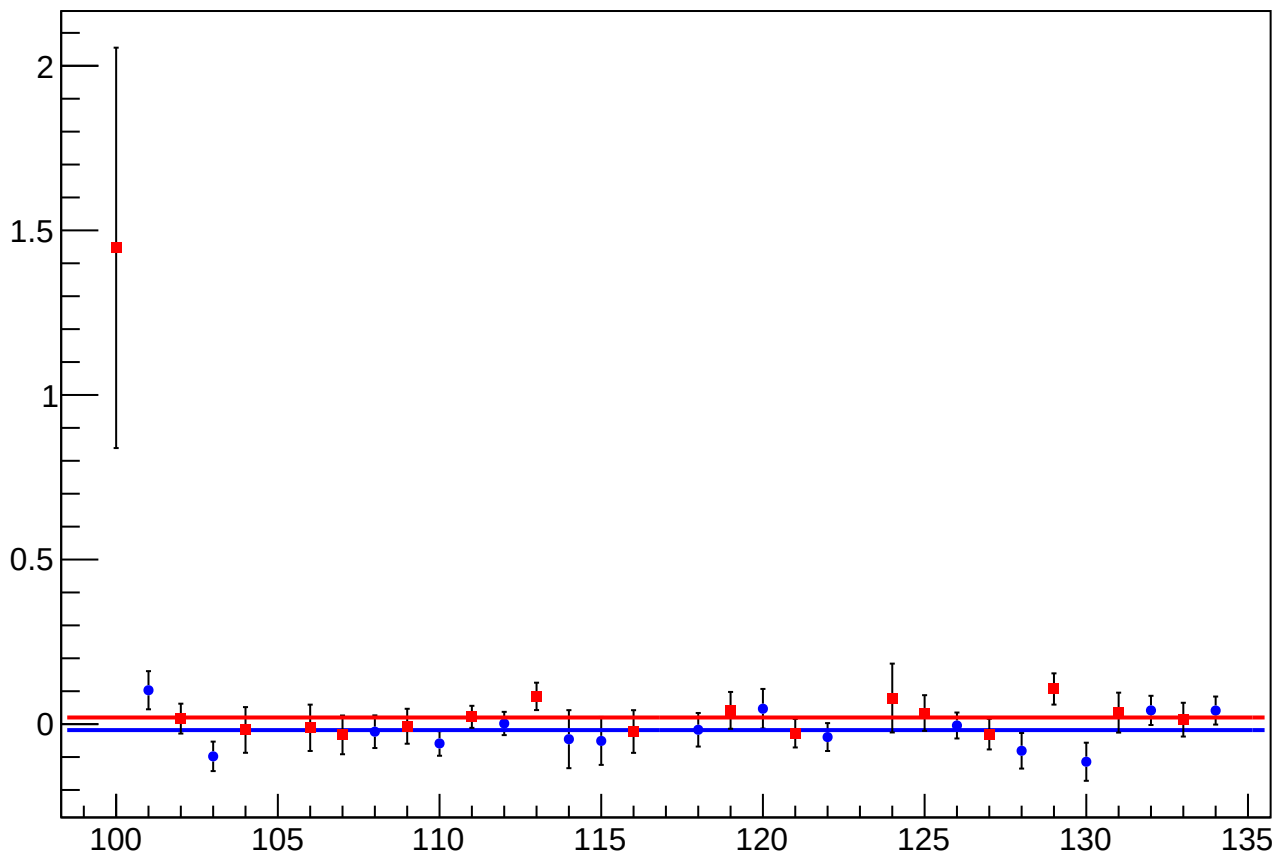
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 7479149.4/31

- 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 ± 0.012 χ^2/NDF : 18.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.020 ± 0.013 χ^2/NDF : 16.2/16

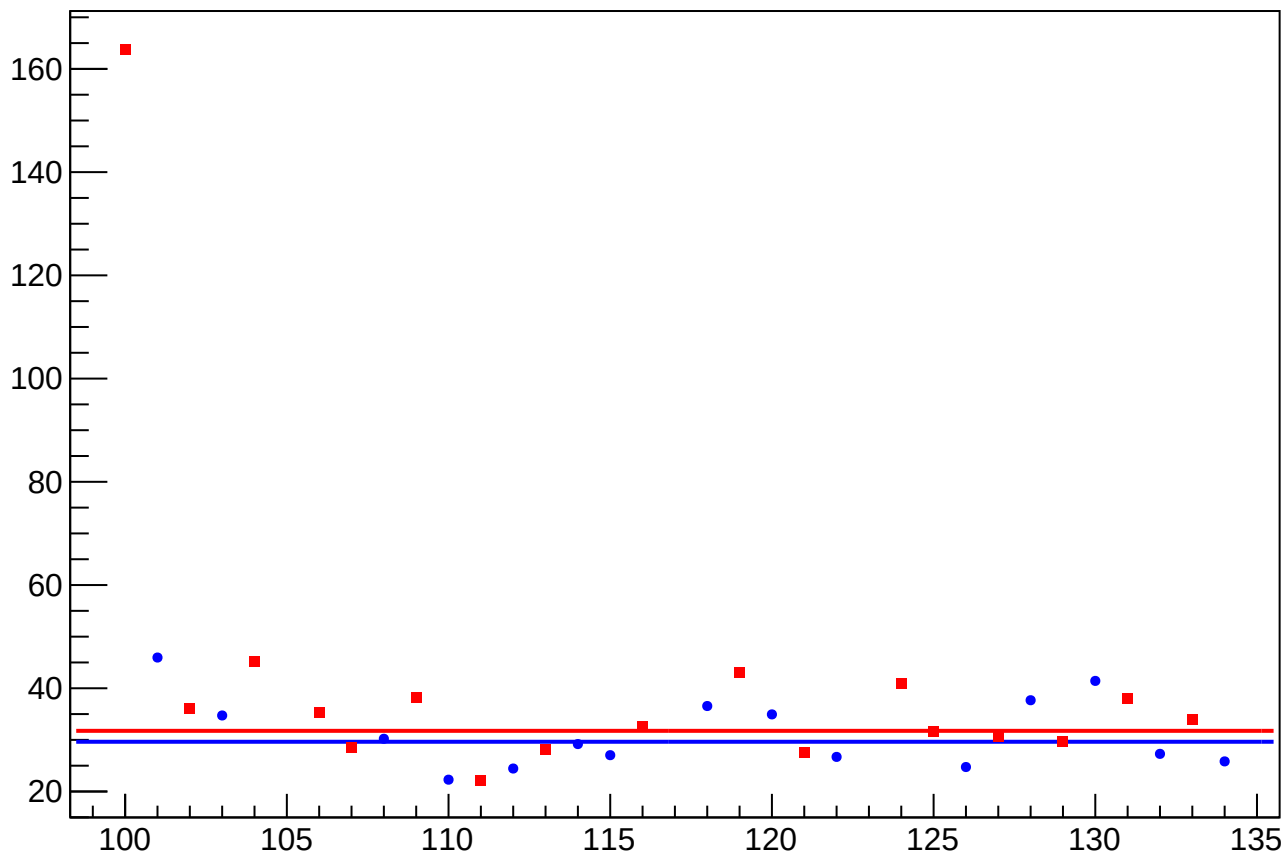
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.009 χ^2/NDF : 39.6/31

- sign 0.000 ± 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: 31.752 $\pm$ 0.009 χ^2 /NDF: 555135.6/16

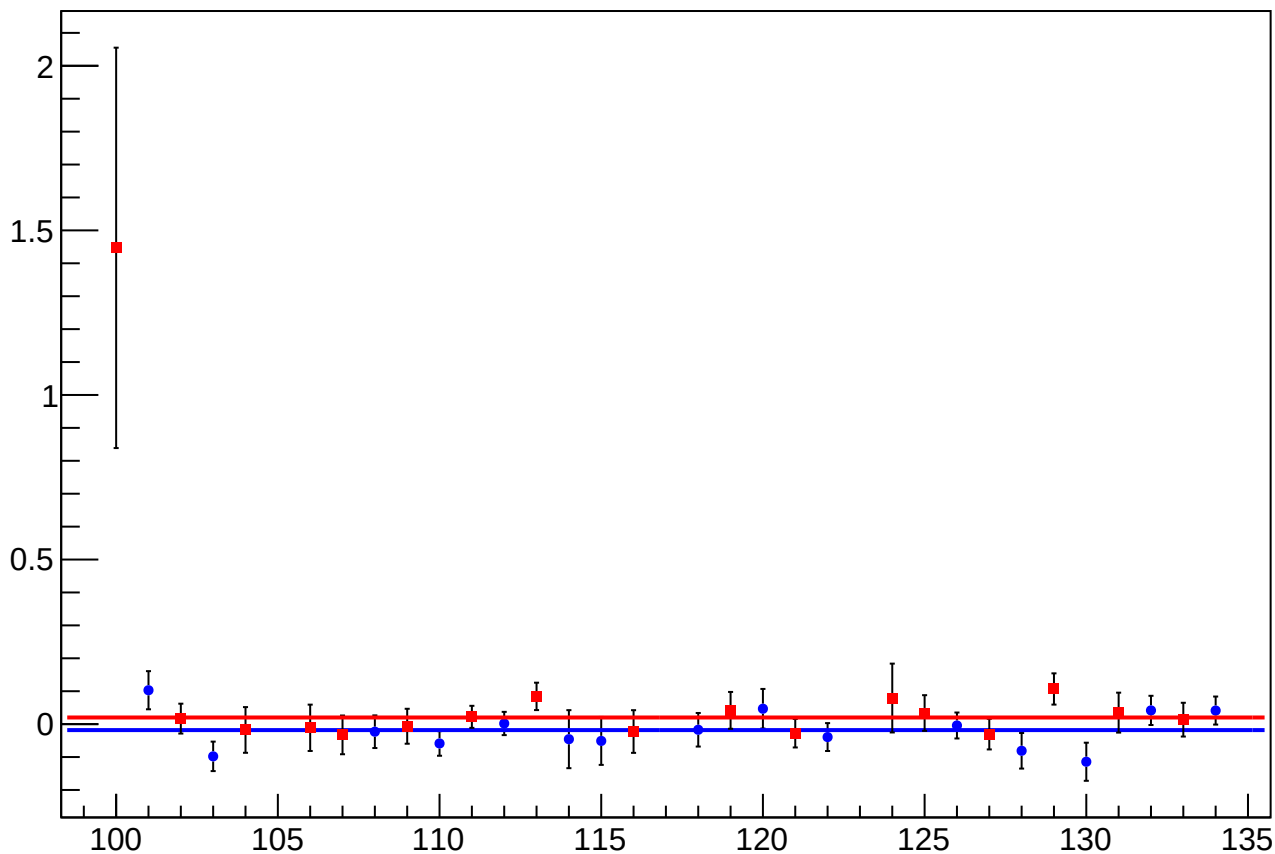
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.652 $\pm$ 0.006 χ^2 /NDF: 1132863.6/31

- 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: 0.020 ± 0.013 χ^2/NDF : 16.2/16

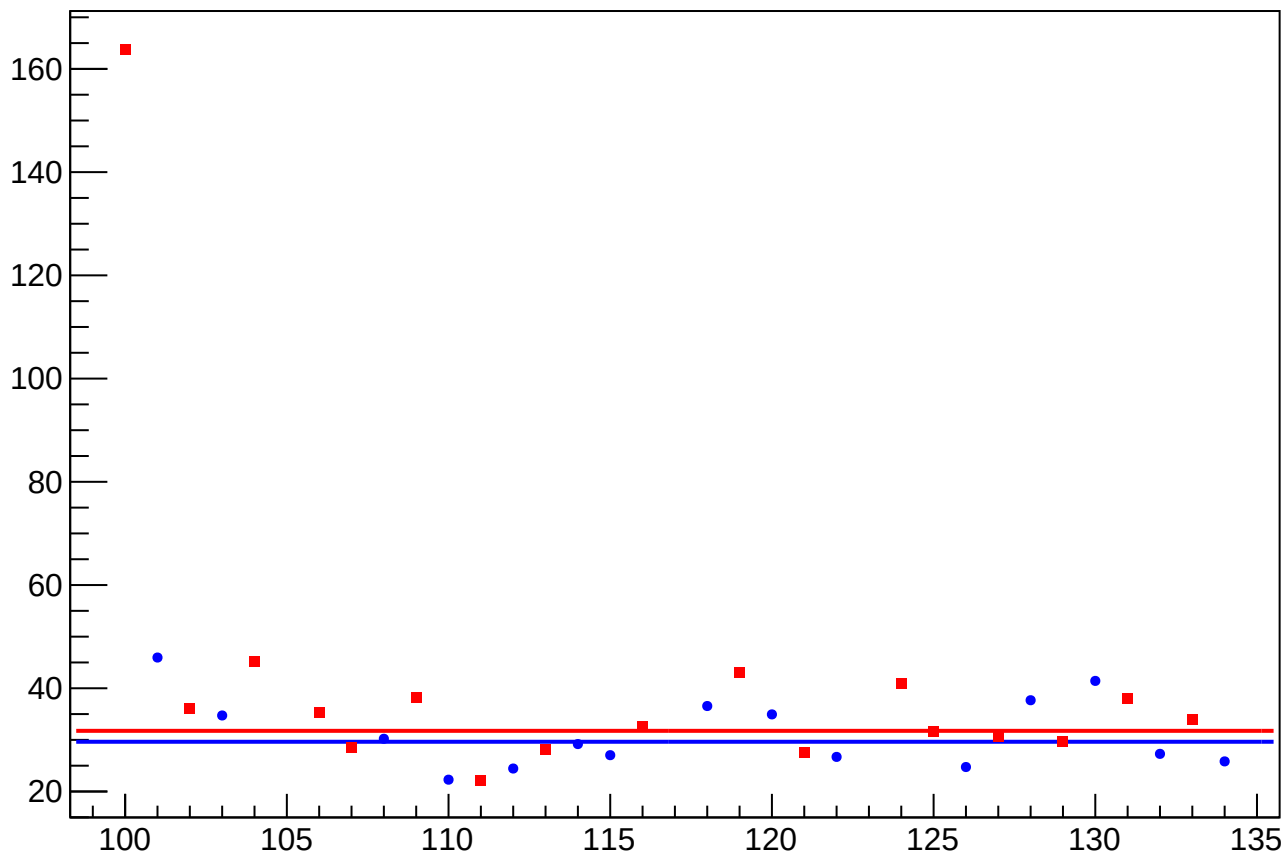
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.009 χ^2/NDF : 39.6/31

- 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: 31.752 $\pm$ 0.009 χ^2 /NDF: 555135.6/16

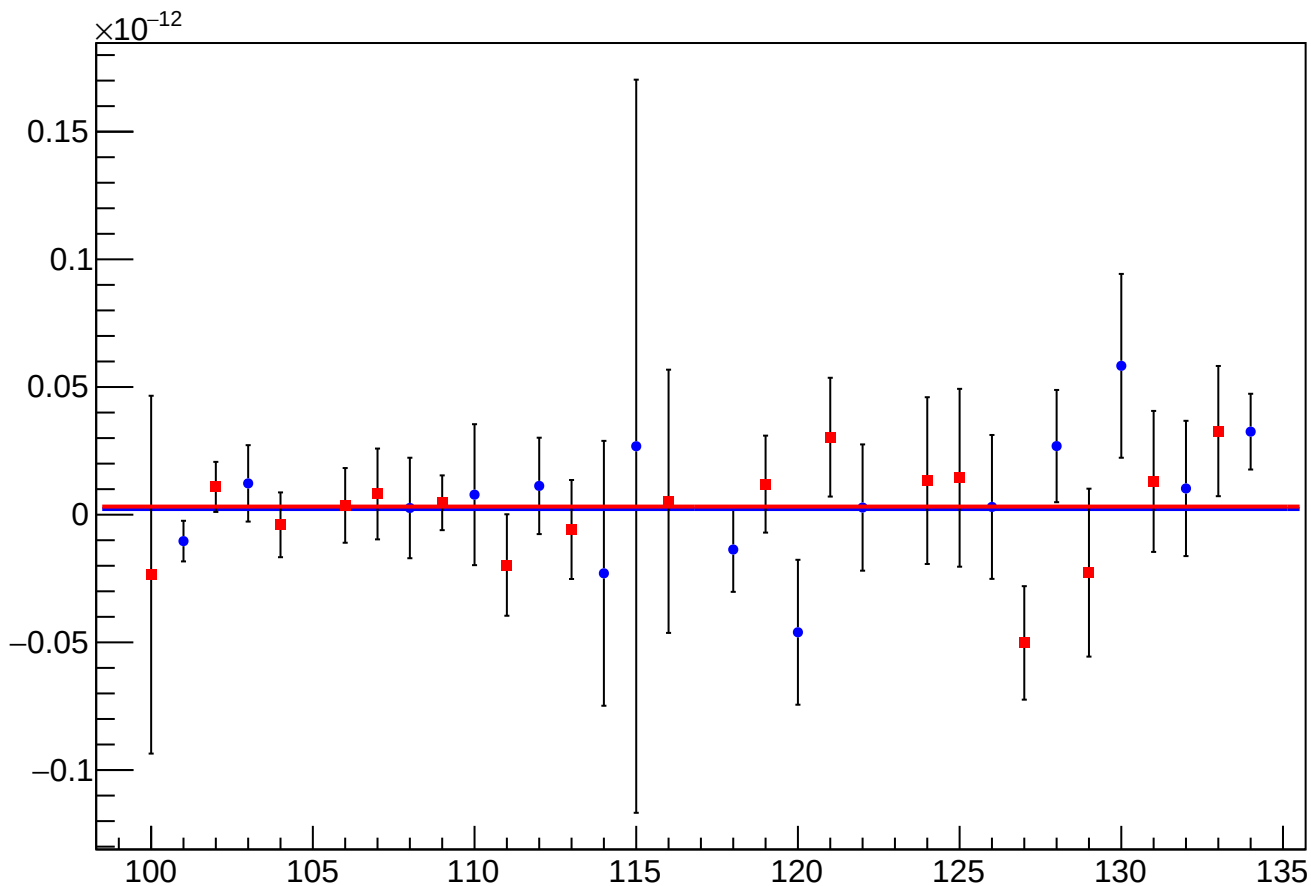
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.652 $\pm$ 0.006 χ^2 /NDF: 1132863.6/31

- 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: 12.4/16

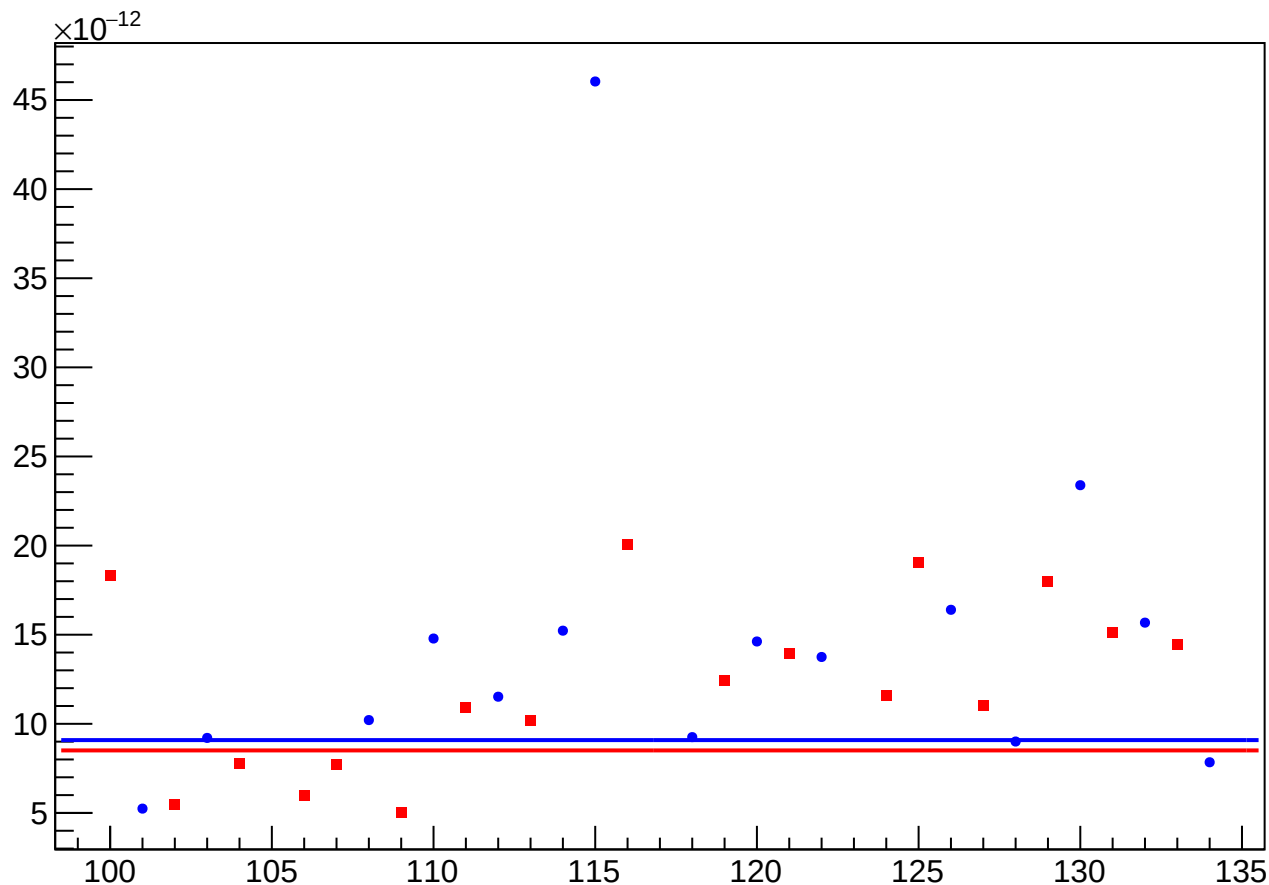
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 27.6/31

- 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 $\pm$ 0.000 χ^2 /NDF: 1488646.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1469370.6/16

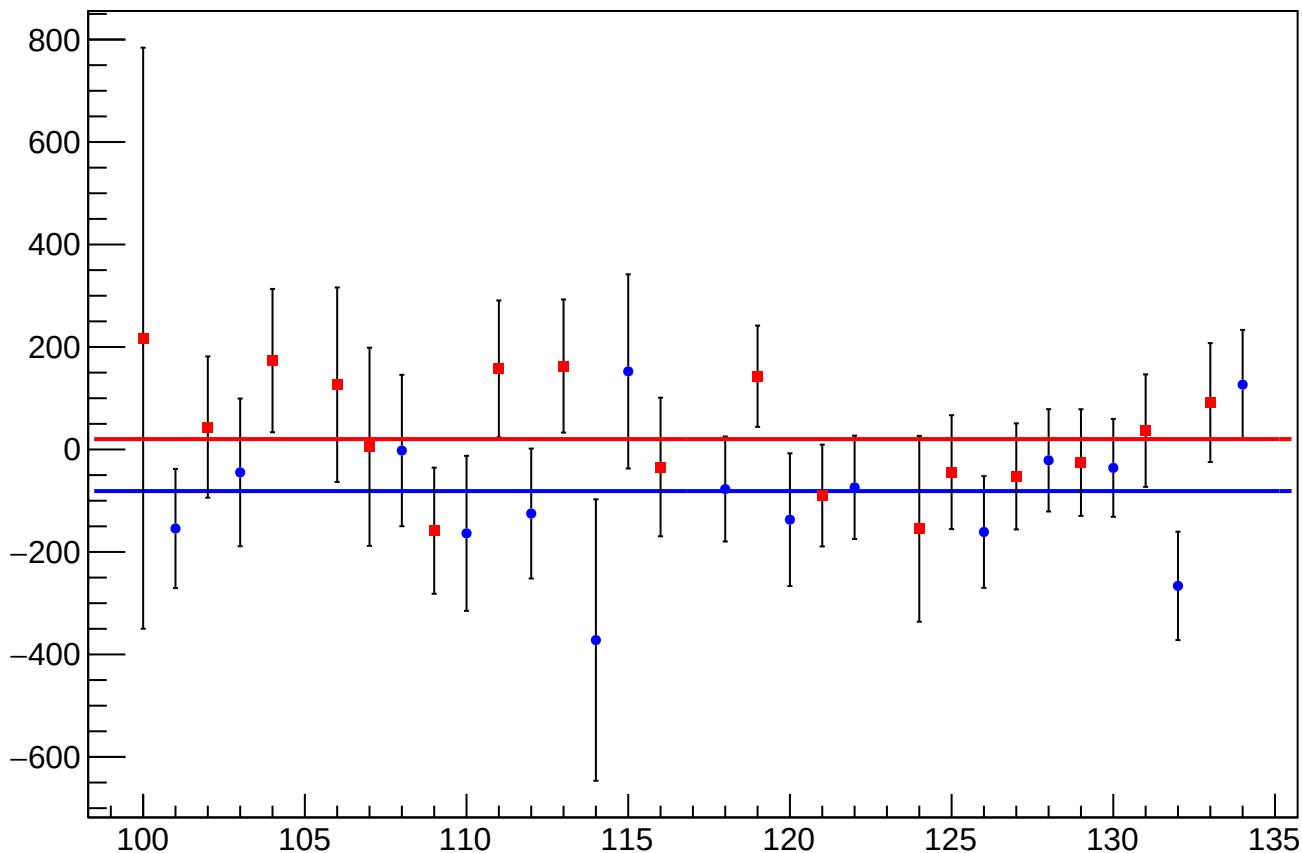
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2973873.7/31

- sign 0.000 $\pm$ 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: 20.309 ± 30.782 χ^2/NDF : 11.3/16

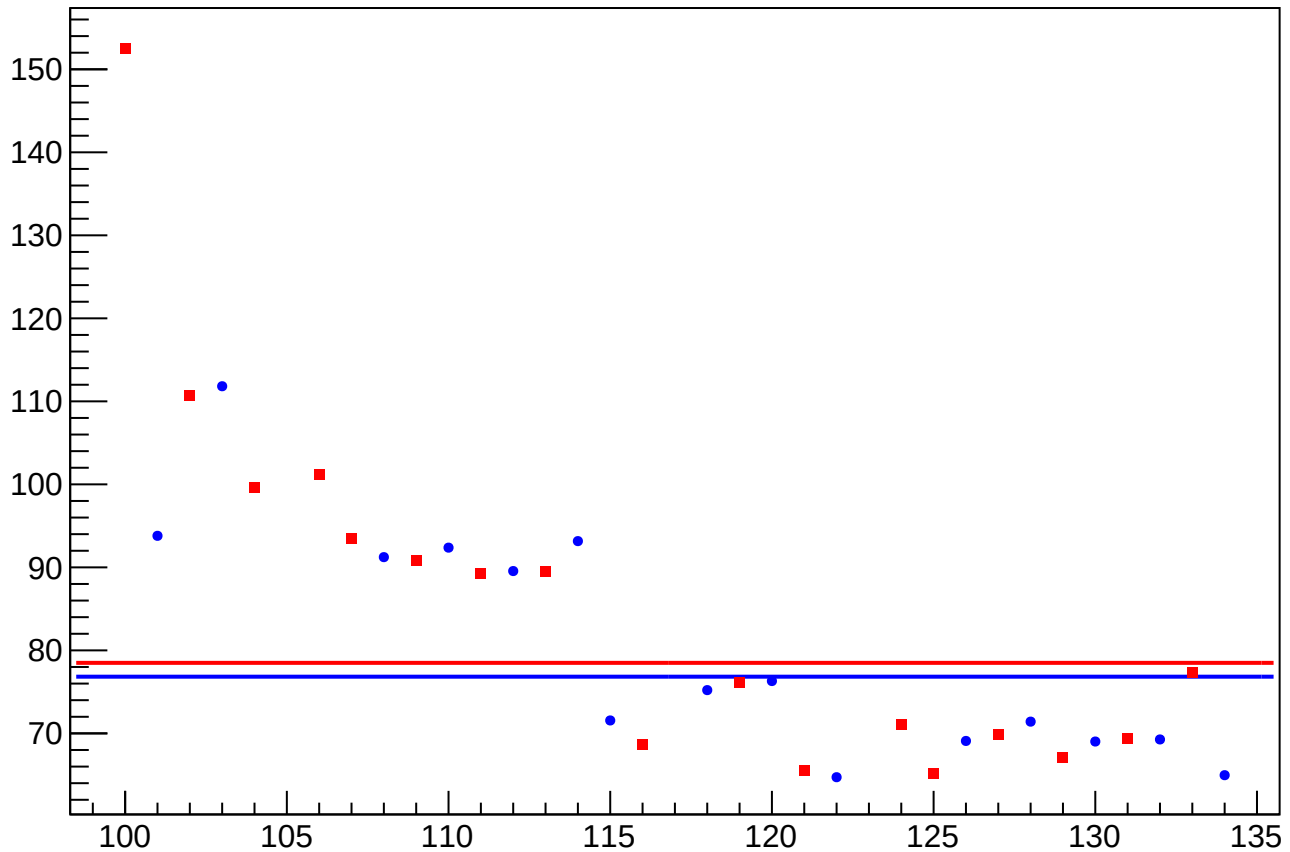
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -30.045 ± 21.849 χ^2/NDF : 28.7/31

- 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 χ^2/NDF : 323037.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.497+/-0.022 χ^2/NDF : 406742.2/16

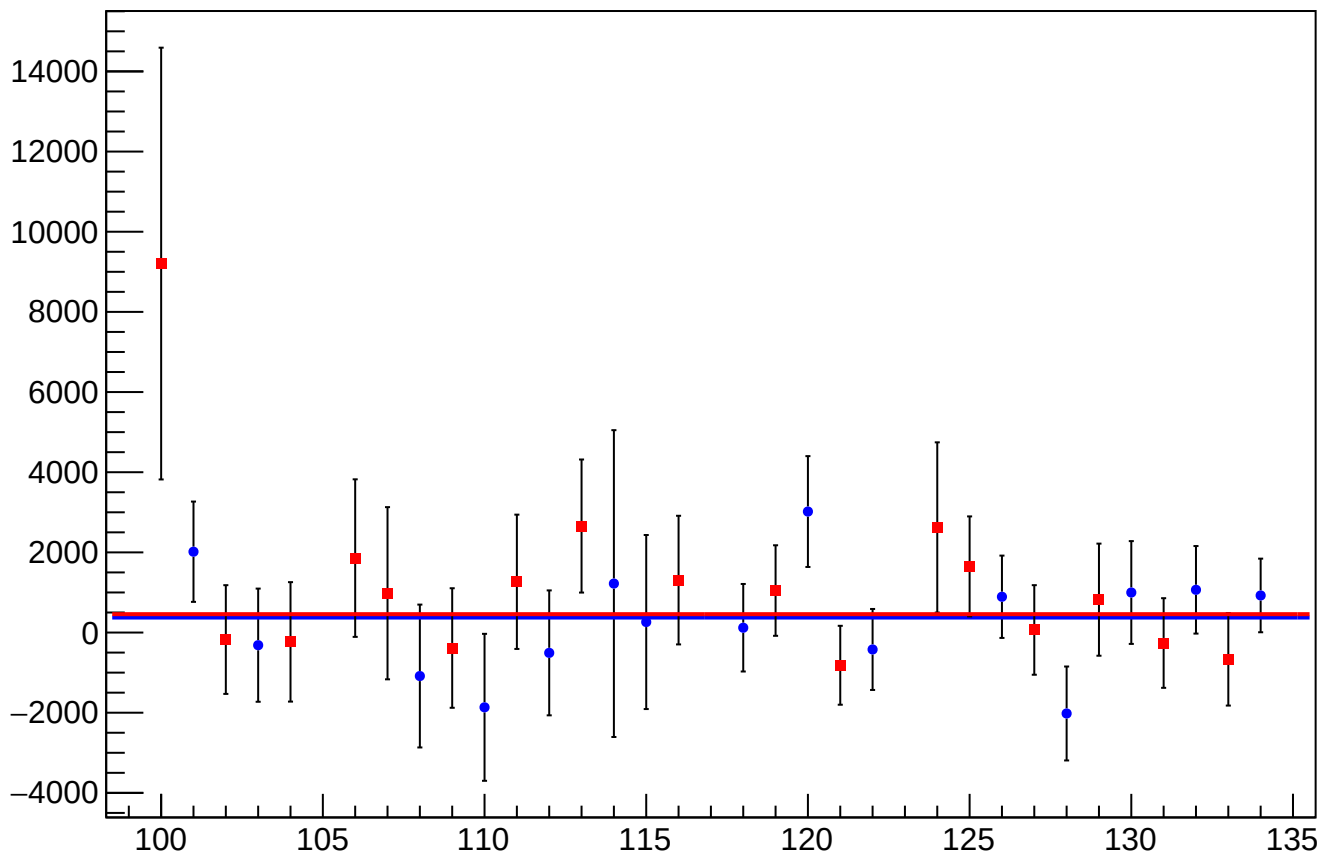
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.670+/-0.015 χ^2/NDF : 732684.2/31

- sign 0.000+/-0.000 χ^2/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: 458.562+/-340.923 χ^2/NDF : 11.7/16

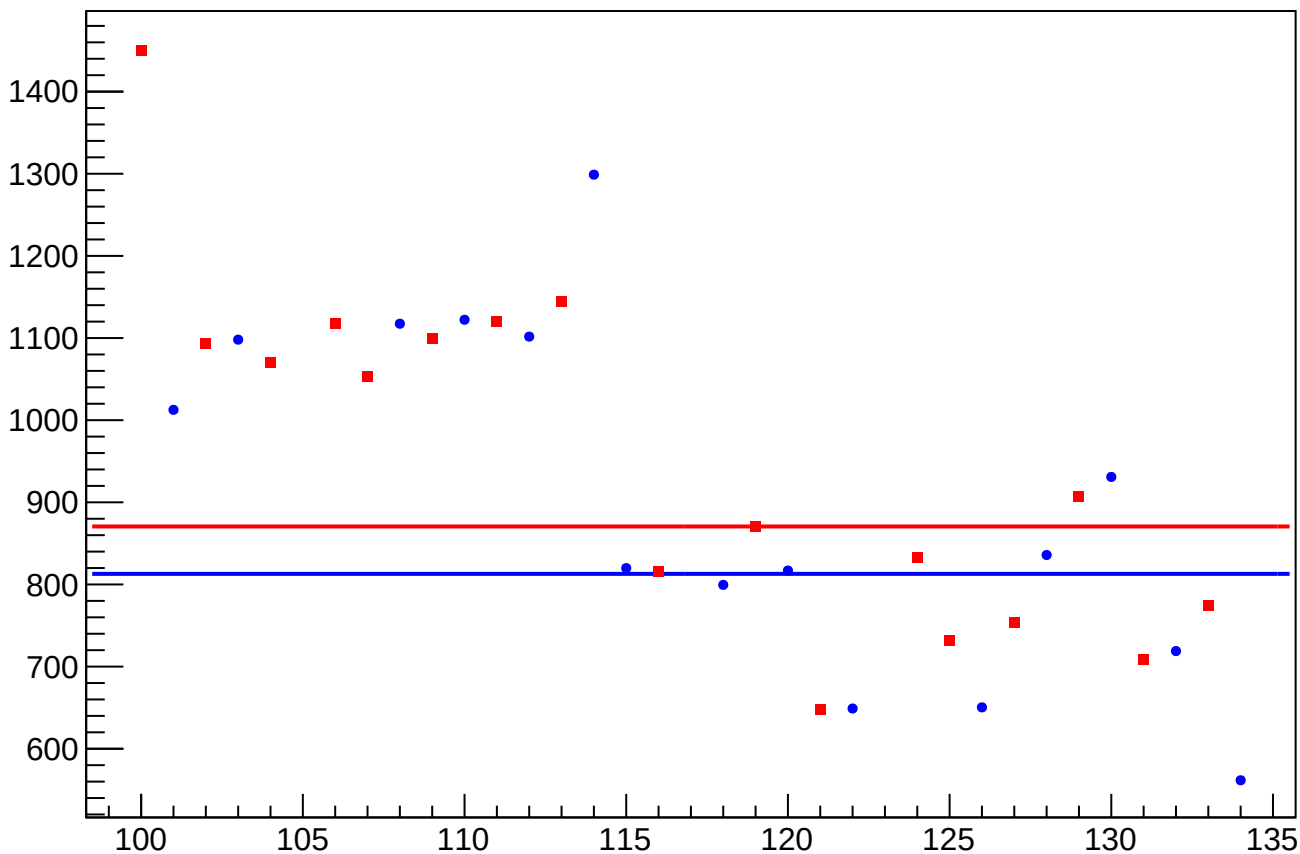
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 415.218+/-237.702 χ^2/NDF : 26.0/31

- 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

Right Out: 870.591+/-0.241 χ^2/NDF : 514008.2/16

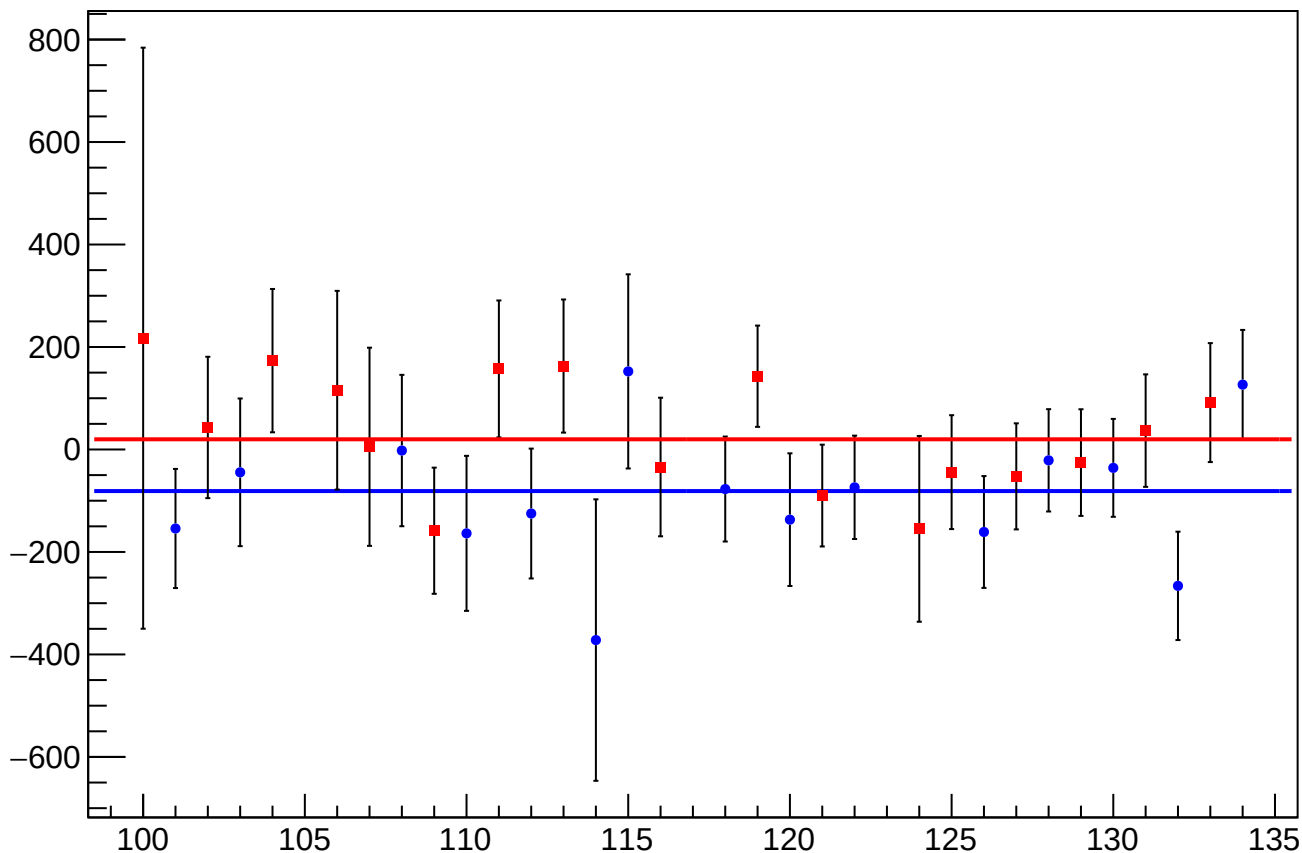
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 840.949+/-0.168 χ^2/NDF : 1177553.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 19.876 ± 30.800 χ^2/NDF : 11.3/16

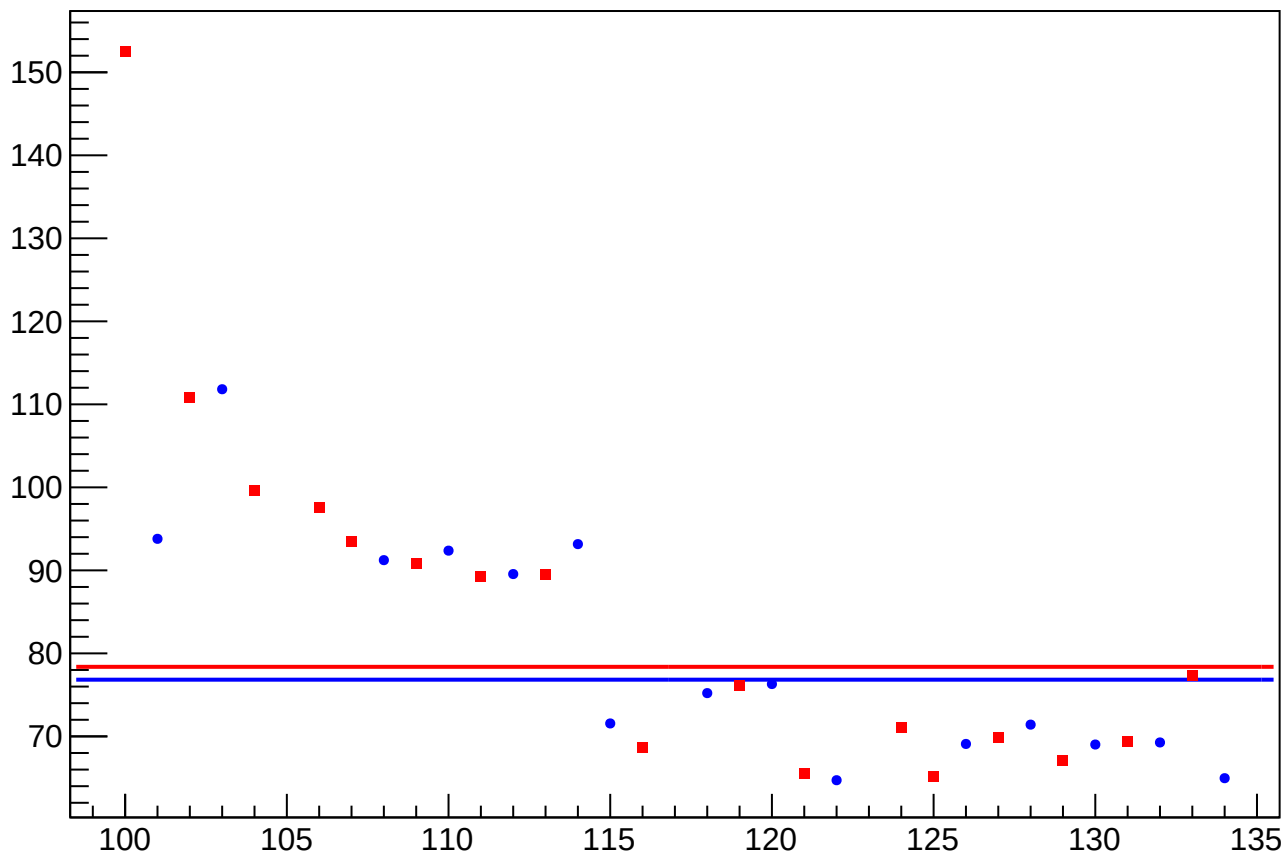
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -30.288 ± 21.856 χ^2/NDF : 28.6/31

- sign 0.000 ± 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: 78.379+/-0.022 χ^2/NDF : 397585.3/16

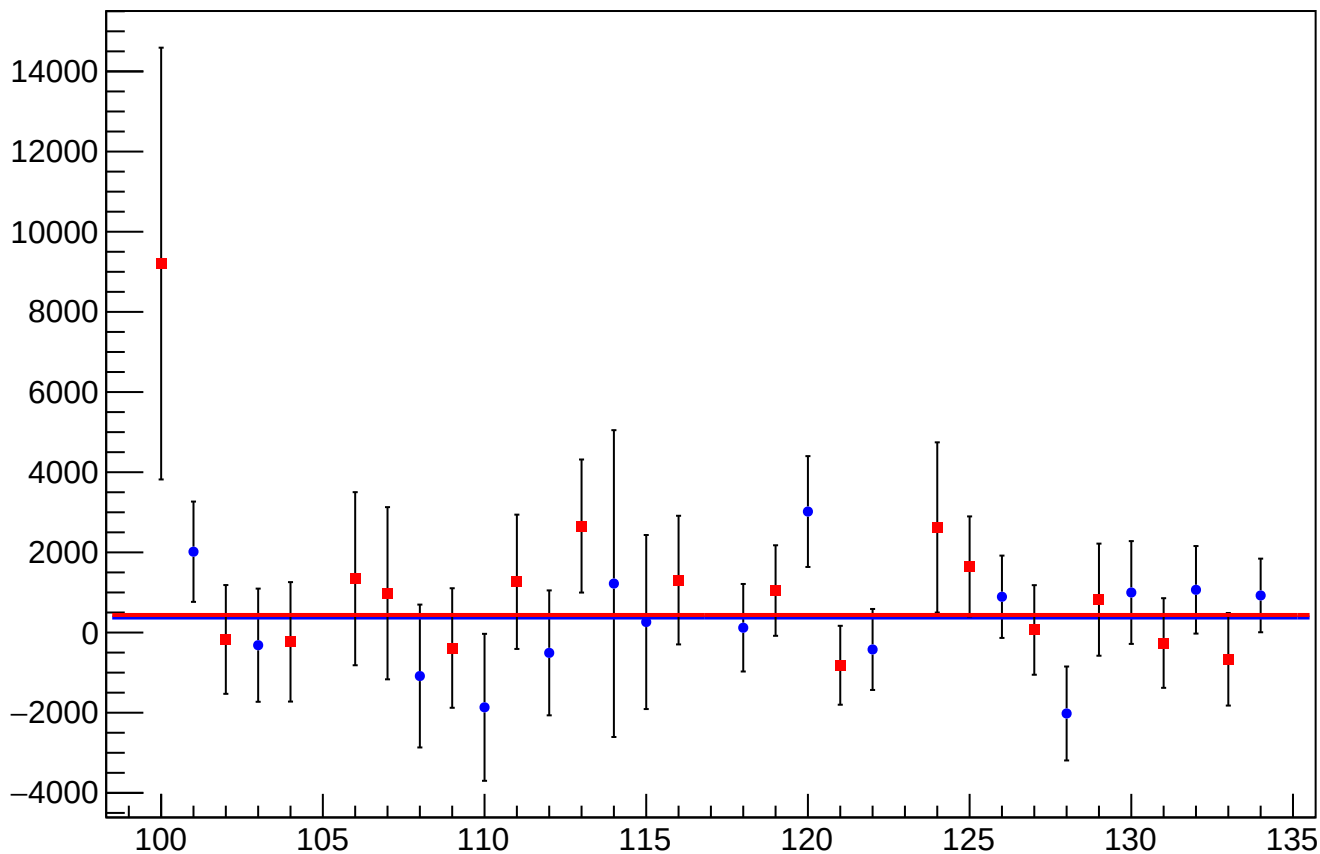
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.611+/-0.015 χ^2/NDF : 723133.3/31

- 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: 438.663+/-341.819 χ^2/NDF : 11.3/16

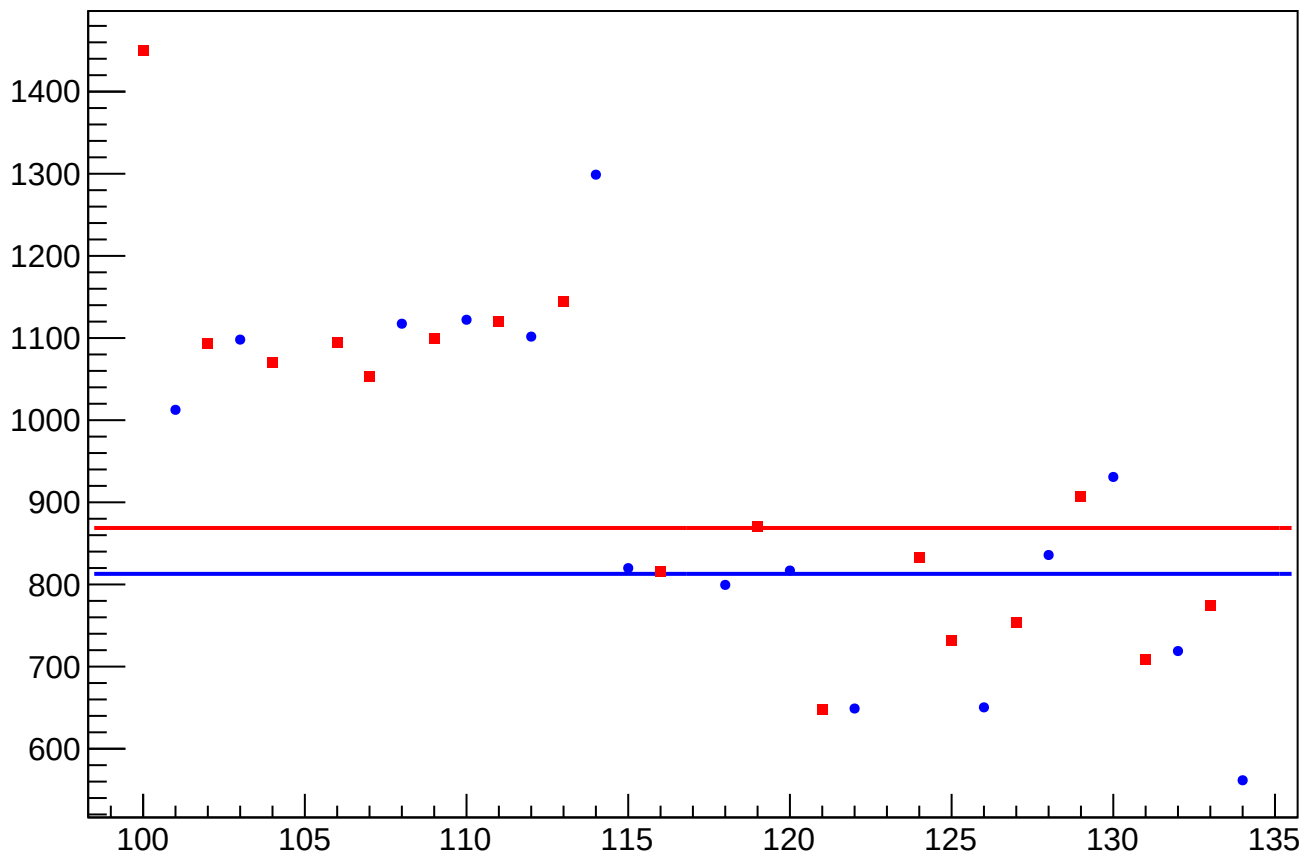
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 405.447+/-238.005 χ^2/NDF : 25.6/31

- 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: 868.763+/-0.242 χ^2/NDF : 504166.4/16

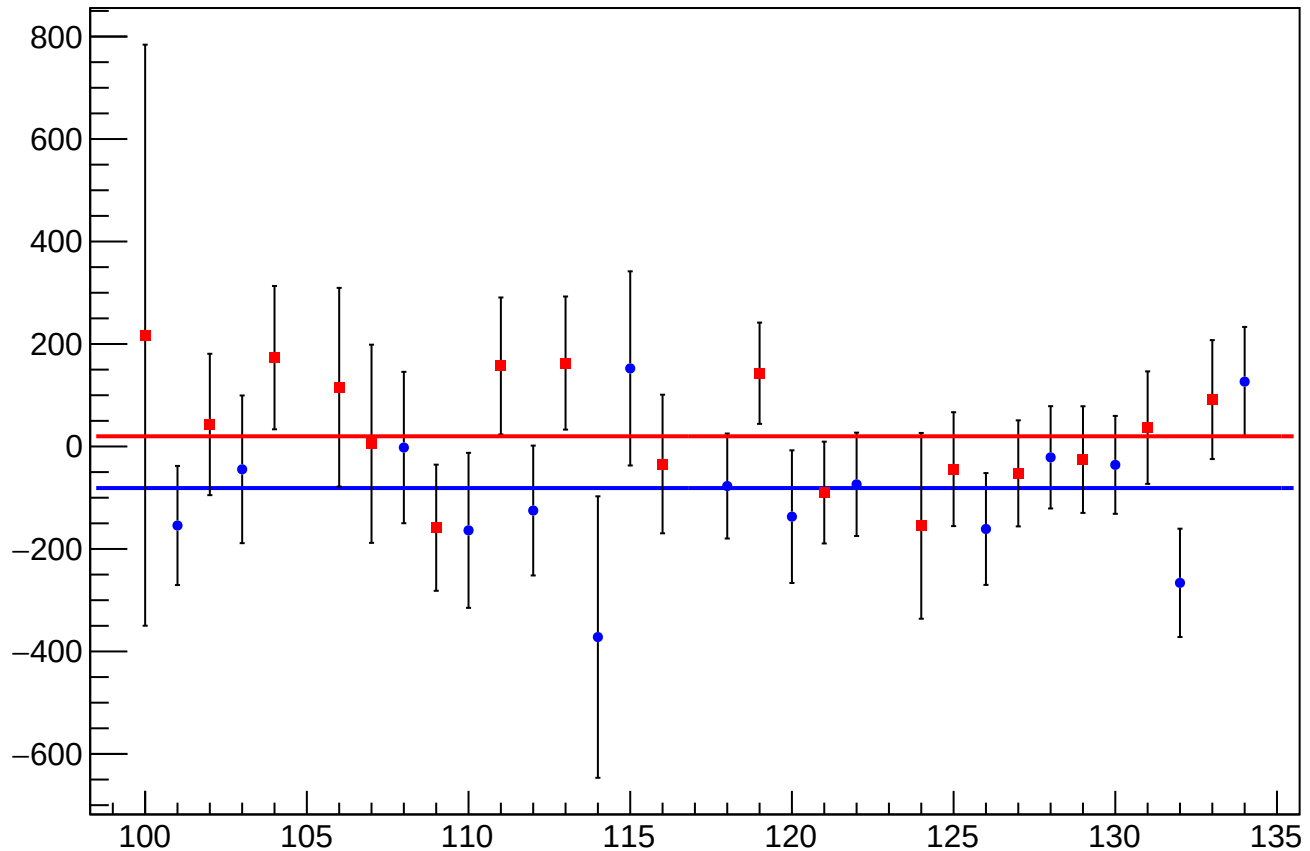
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 839.988+/-0.168 χ^2/NDF : 1165826.3/31

- 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: 19.876+/-30.800 χ^2/NDF : 11.3/16

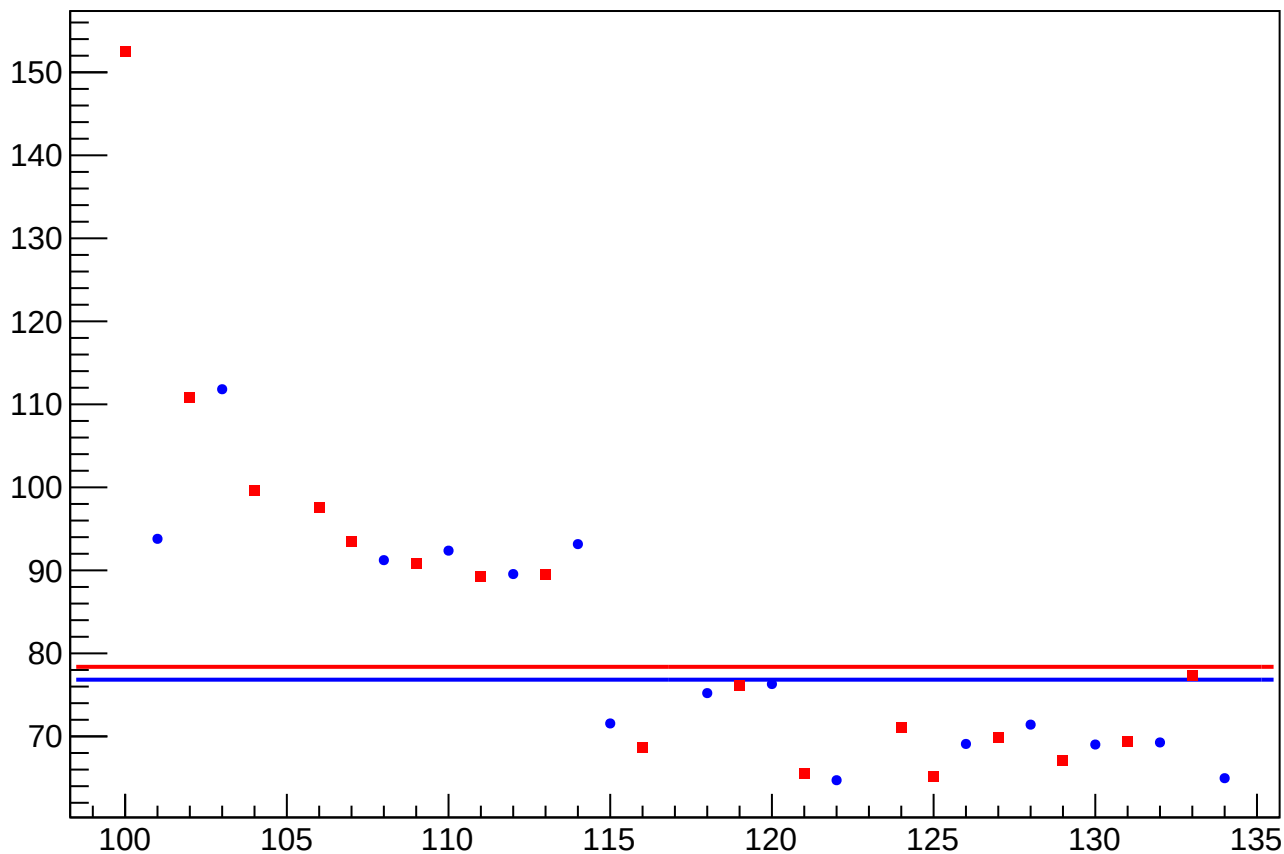
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.288+/-21.856 χ^2/NDF : 28.6/31

- 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+/-0.022 χ^2/NDF : 323039.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.379+/-0.022 χ^2/NDF : 397585.3/16

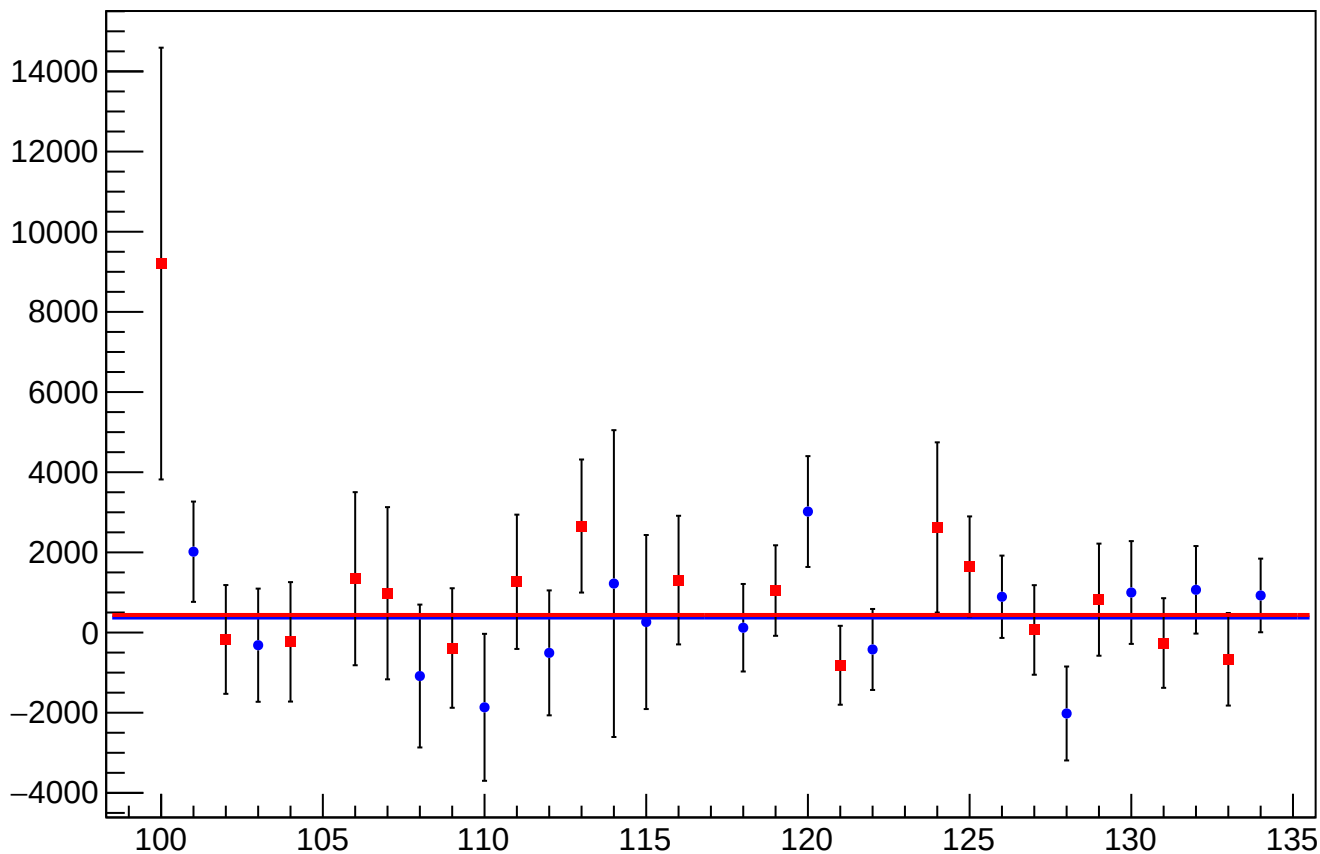
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.611+/-0.015 χ^2/NDF : 723133.3/31

- sign 0.000+/-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: 438.663+/-341.819 χ^2/NDF : 11.3/16

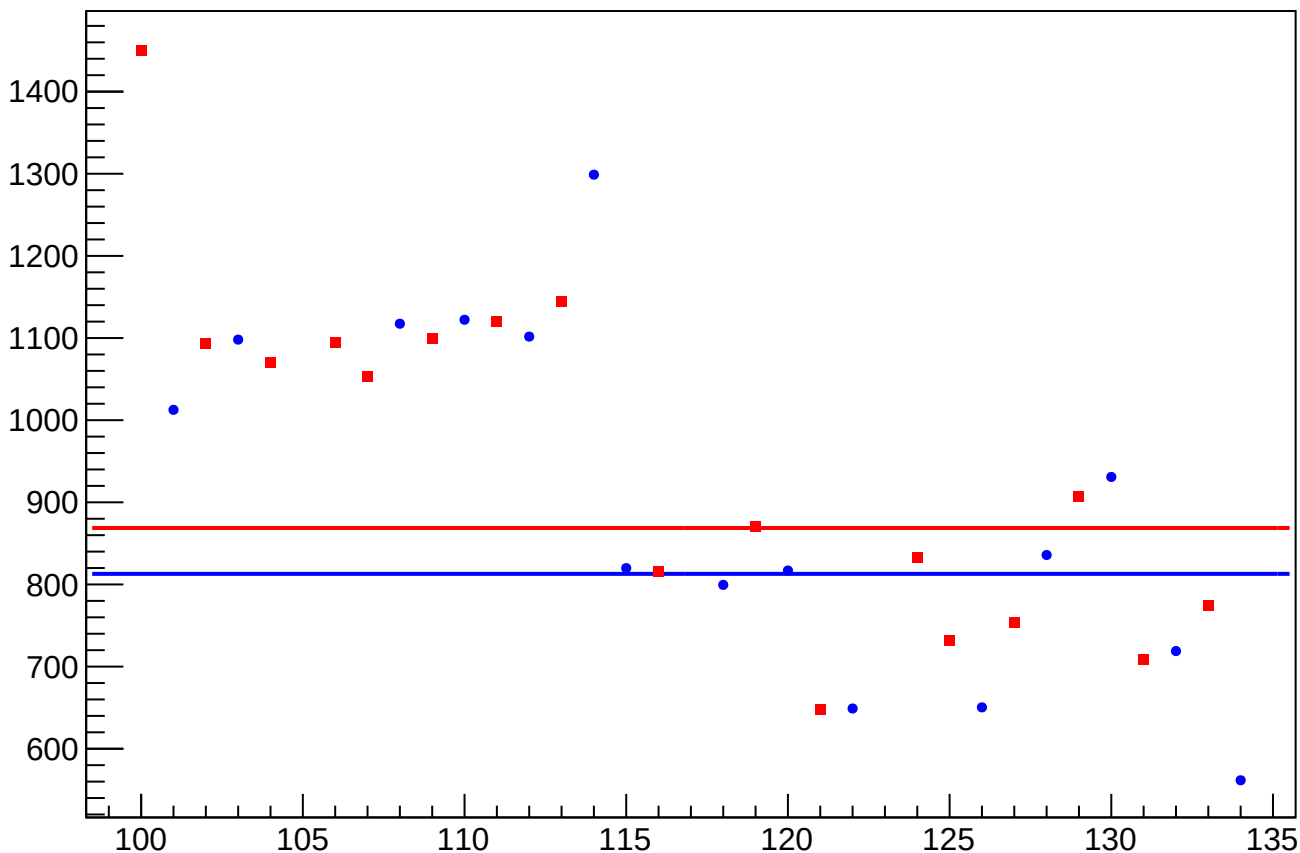
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 405.447+/-238.005 χ^2/NDF : 25.6/31

- 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: 868.763+/-0.242 χ^2/NDF : 504166.4/16

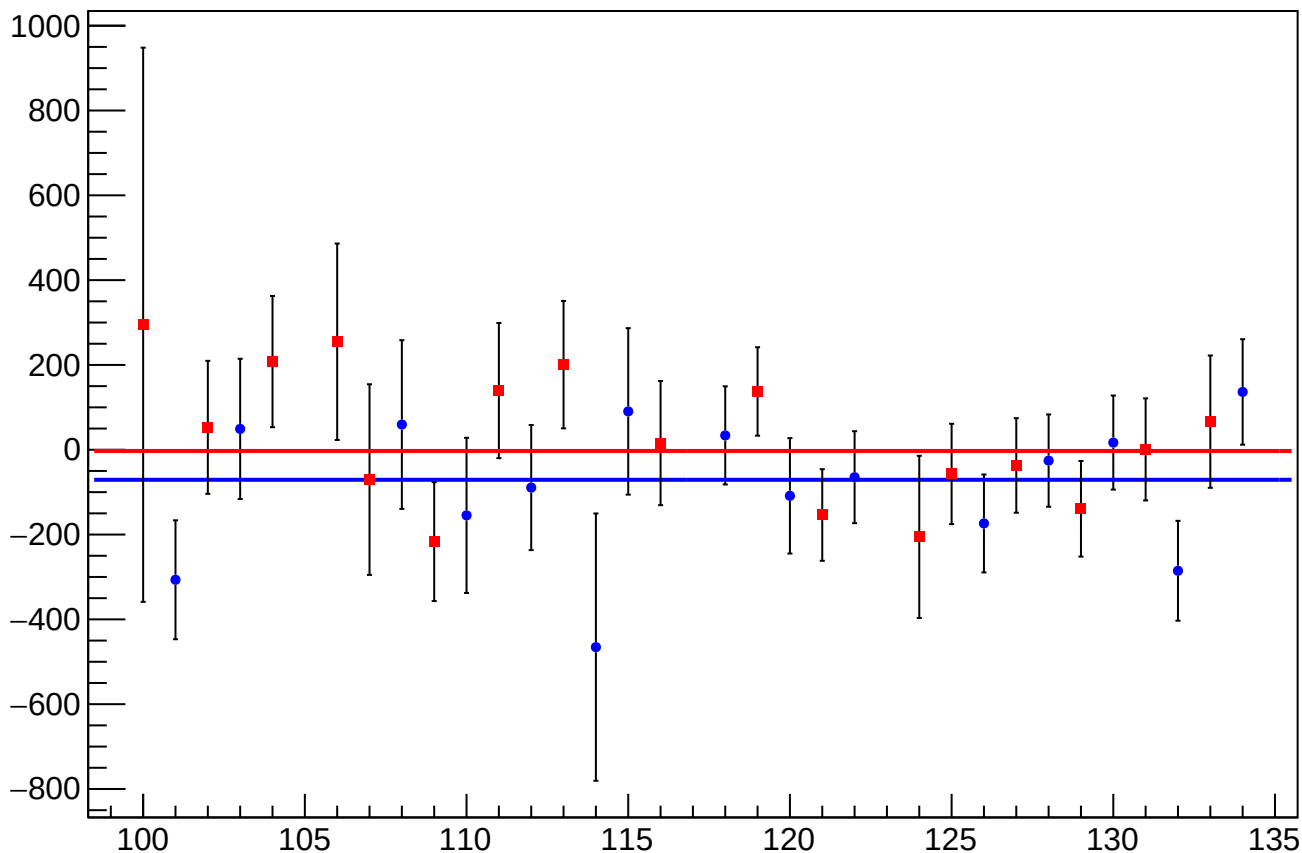
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 839.988+/-0.168 χ^2/NDF : 1165826.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_mean vs Slug



Right In: -70.828 $\pm$ 35.012 χ^2 /NDF: 14.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.850 $\pm$ 34.302 χ^2 /NDF: 15.3/16

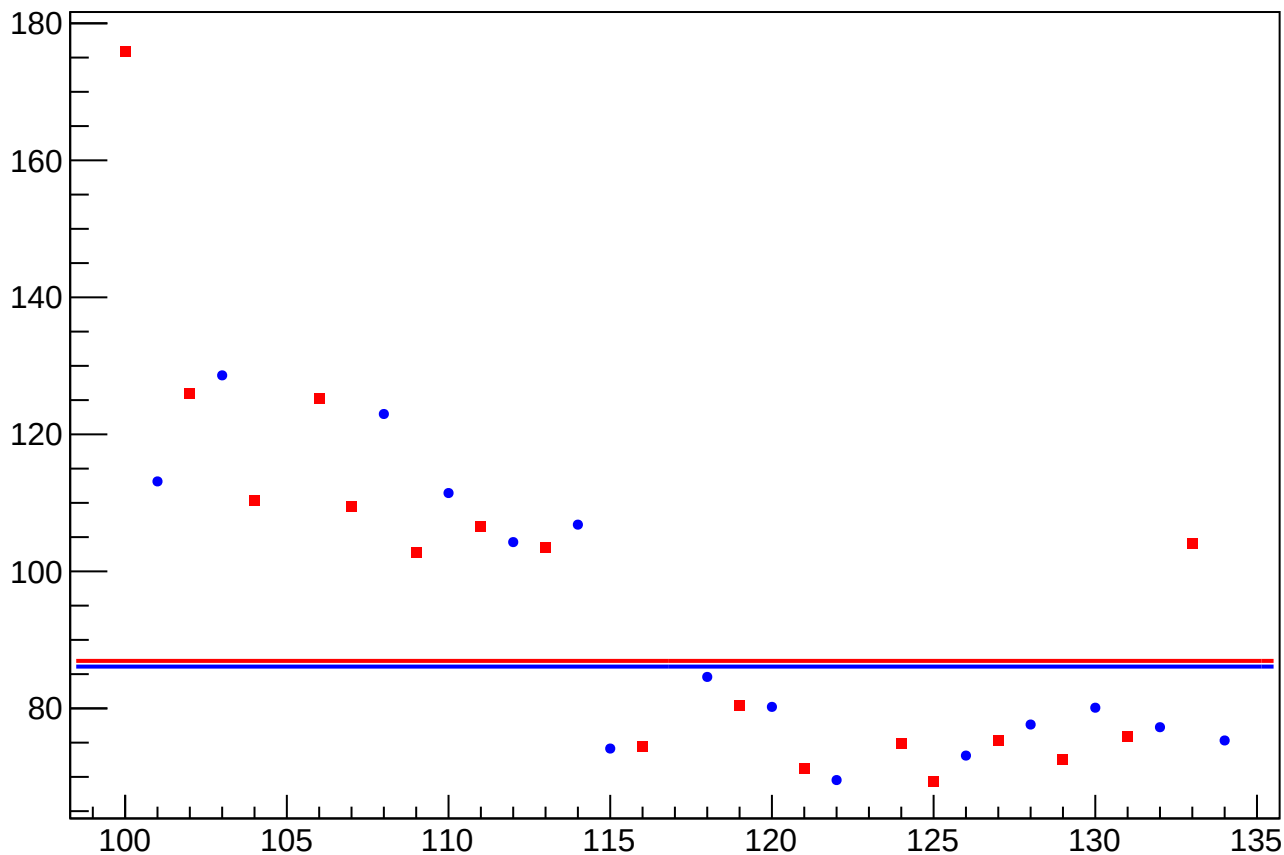
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -36.143 $\pm$ 24.502 χ^2 /NDF: 32.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_26_dd_rms vs Slug



Right In: 86.101+/-0.025 χ^2/NDF : 480213.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.934+/-0.024 χ^2/NDF : 573628.6/16

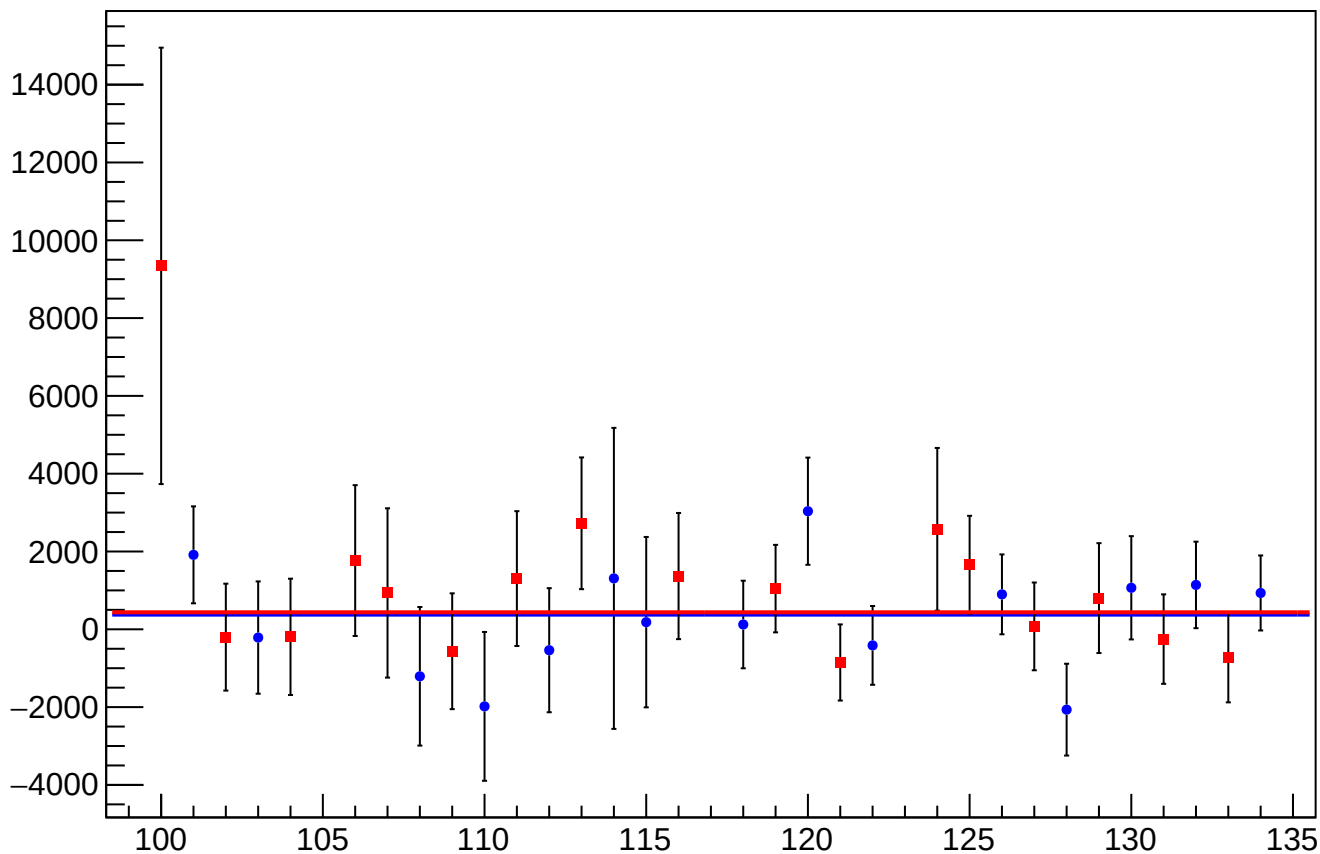
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.526+/-0.017 χ^2/NDF : 1054419.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_dit_correction_mean vs Slug



Right In: 377.548+/-337.243 χ^2/NDF : 14.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 437.379+/-343.138 χ^2/NDF : 11.9/16

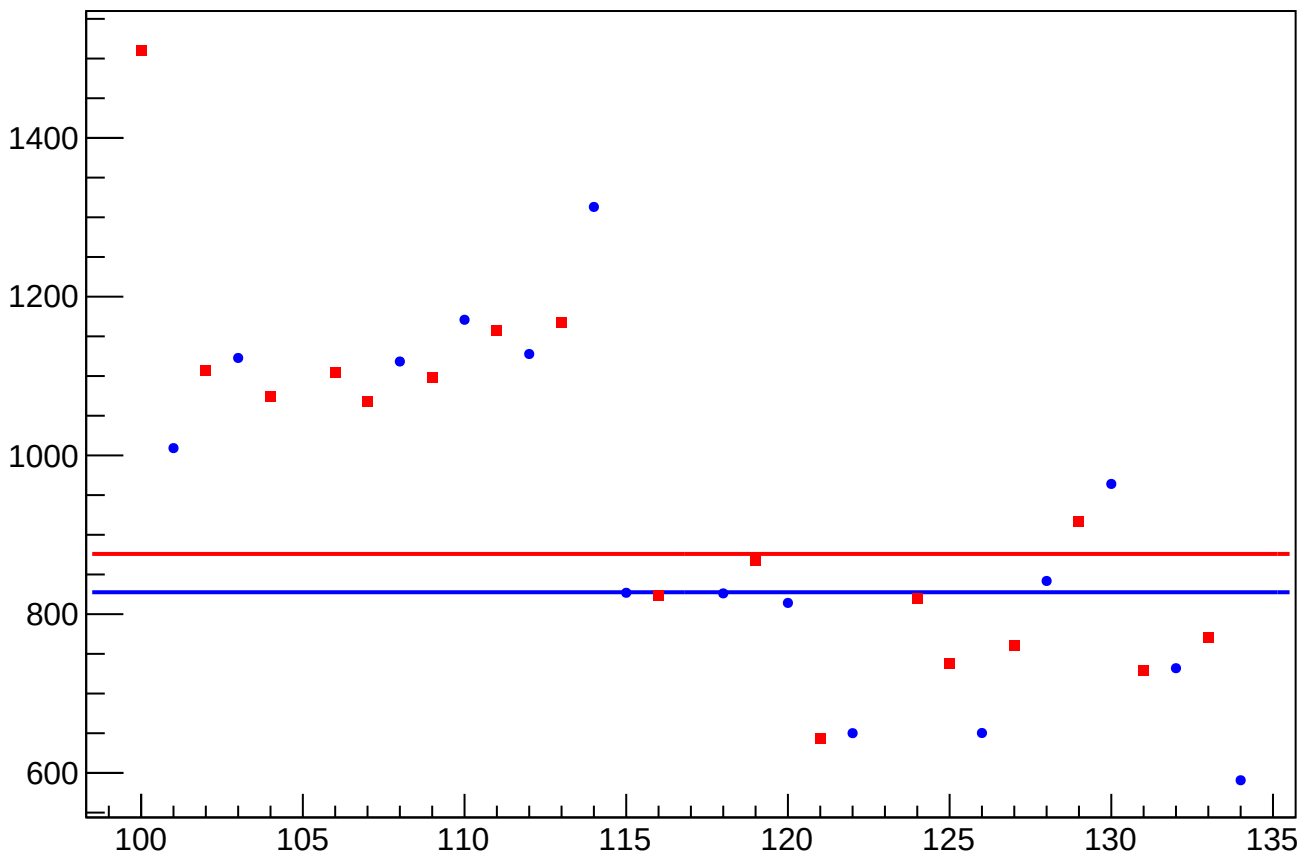
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 406.945+/-240.524 χ^2/NDF : 26.3/31

- sign 0.000+/-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: 875.896+/-0.243 χ^2/NDF : 529442.8/16

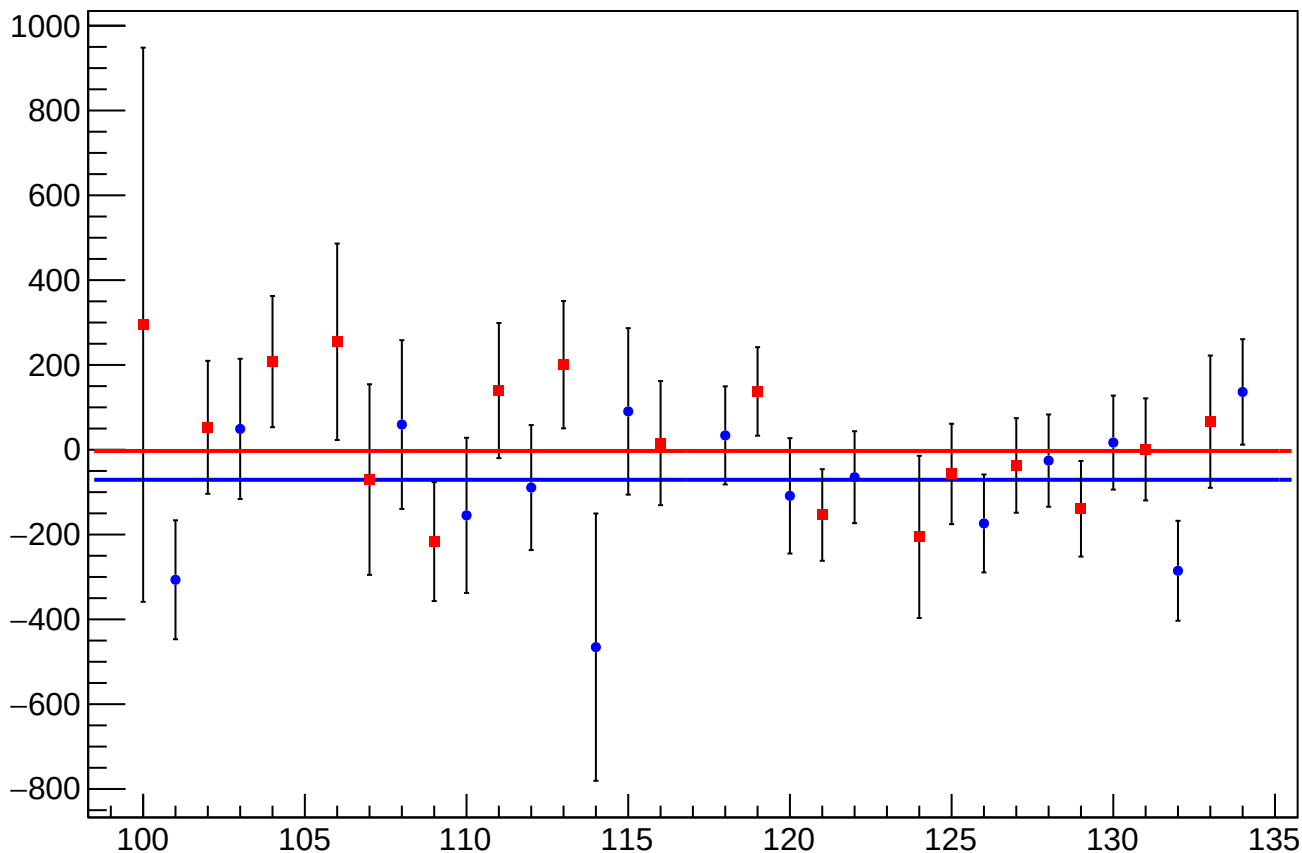
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 851.338+/-0.170 χ^2/NDF : 1174094.4/31

- 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 ± 35.012 χ^2/NDF : 14.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.851 ± 34.302 χ^2/NDF : 15.3/16

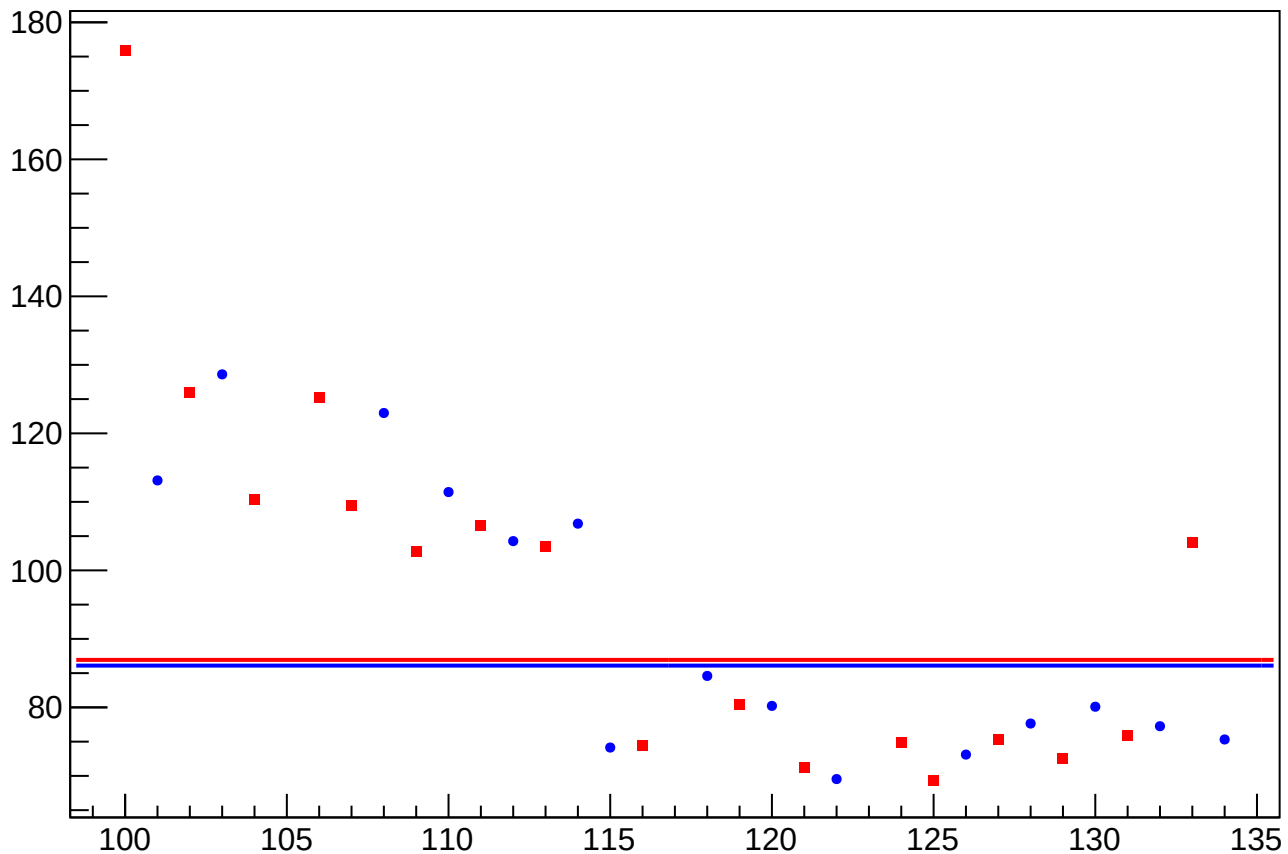
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.144 ± 24.502 χ^2/NDF : 32.1/31

- sign 0.000 ± 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: 86.933 $\pm$ 0.024 χ^2 /NDF: 573618.0/16

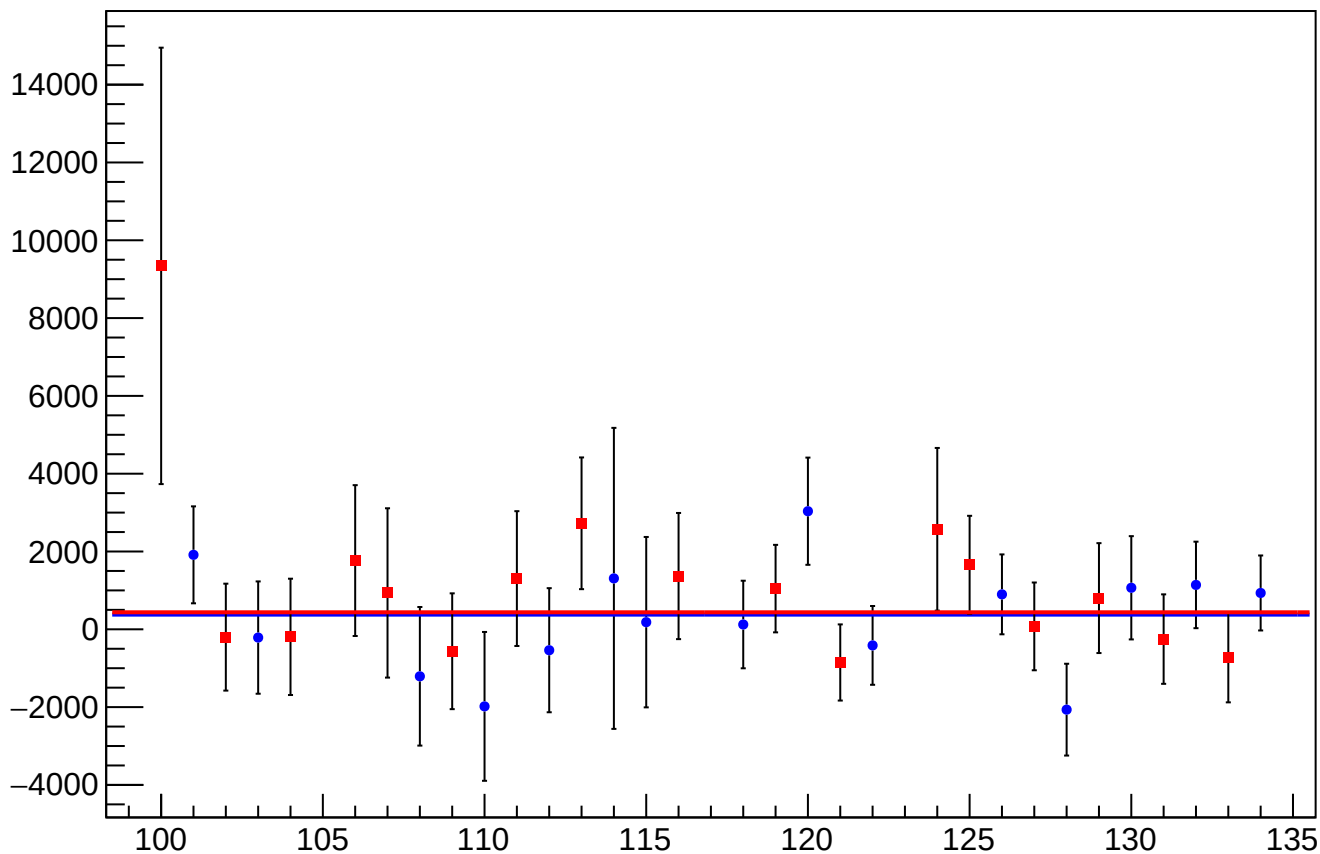
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 86.525 $\pm$ 0.017 χ^2 /NDF: 1054400.7/31

- 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: 437.378+/-343.137 χ^2/NDF : 11.9/16

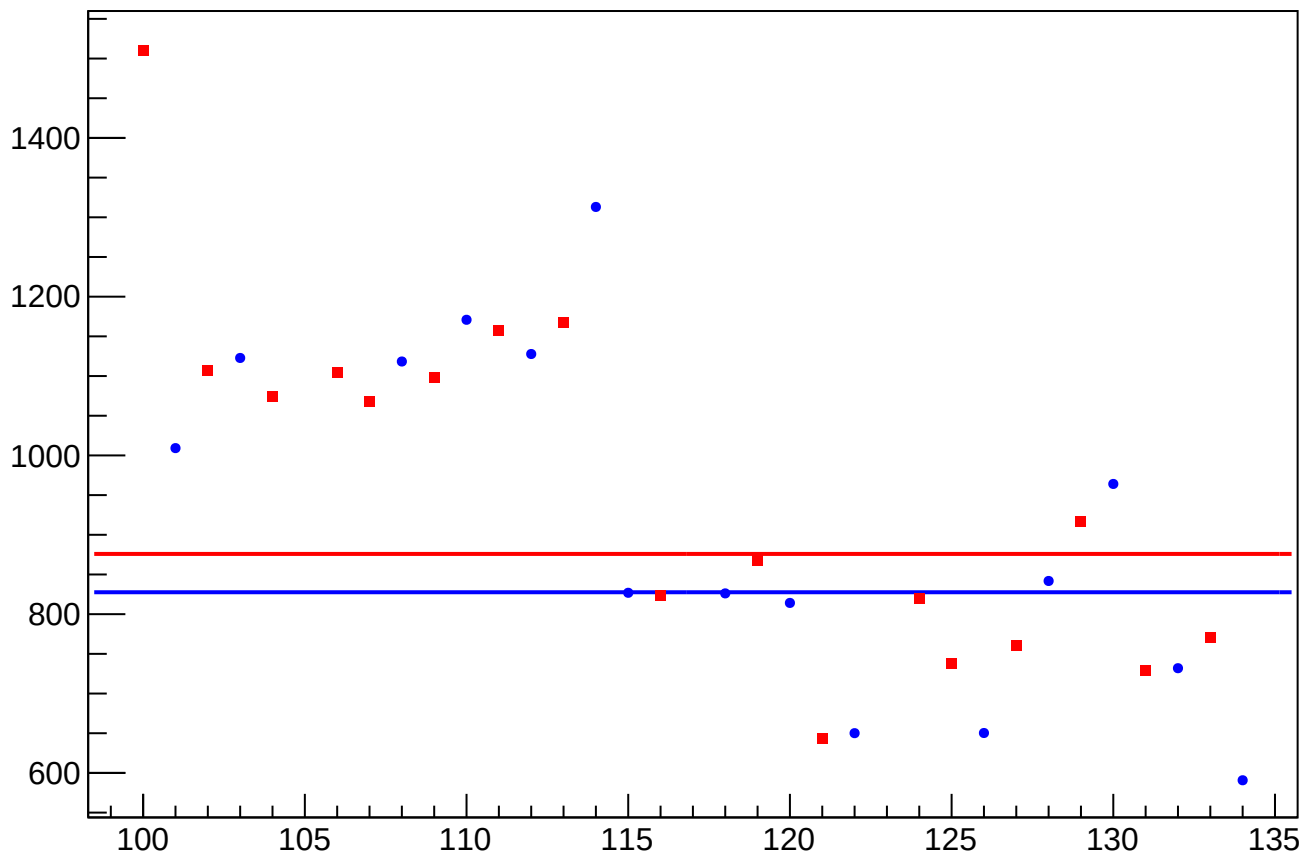
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 406.944+/-240.523 χ^2/NDF : 26.3/31

- 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: 875.894+/-0.243 χ^2/NDF : 529437.3/16

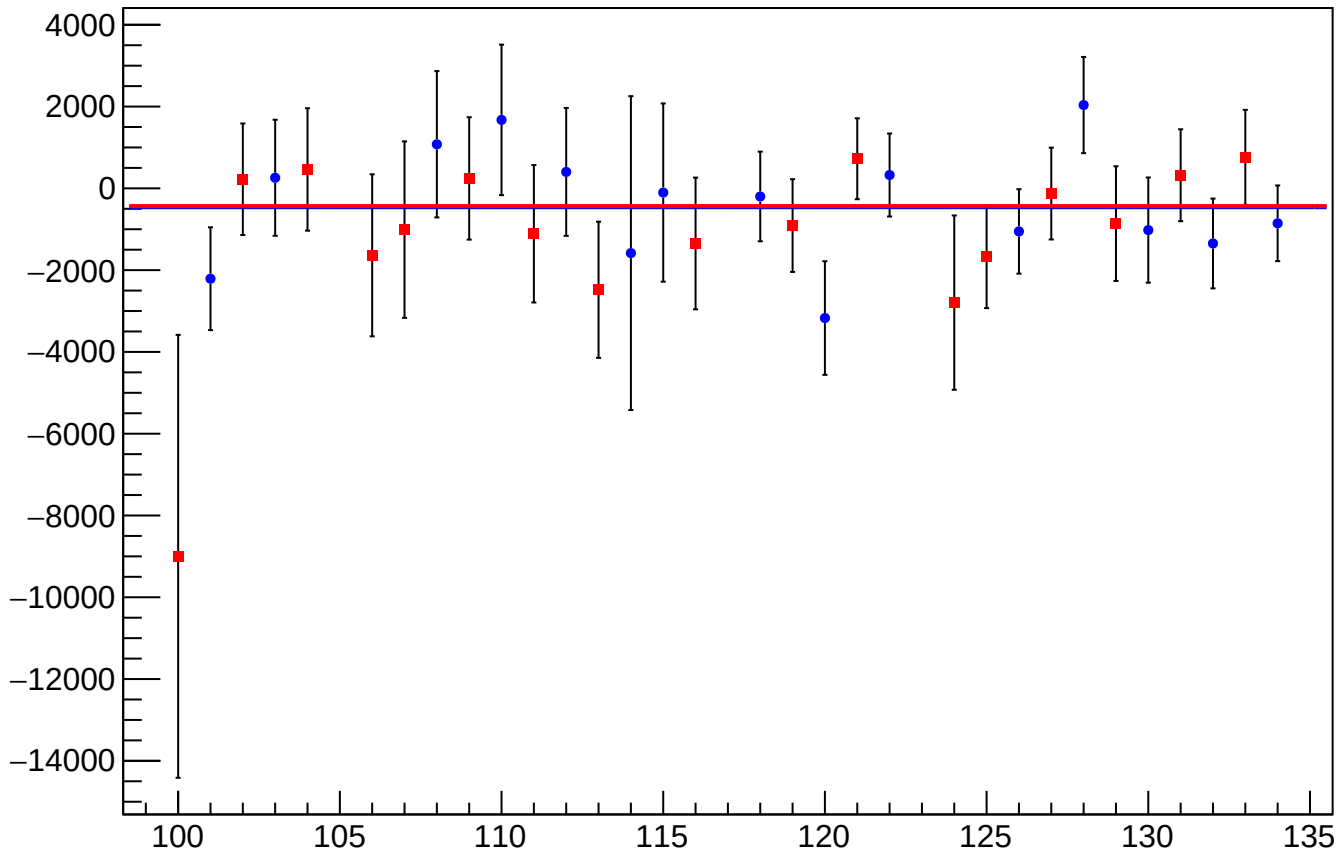
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 851.336+/-0.170 χ^2/NDF : 1174076.9/31

- 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: -432.899+/-342.461 χ^2/NDF : 11.2/16

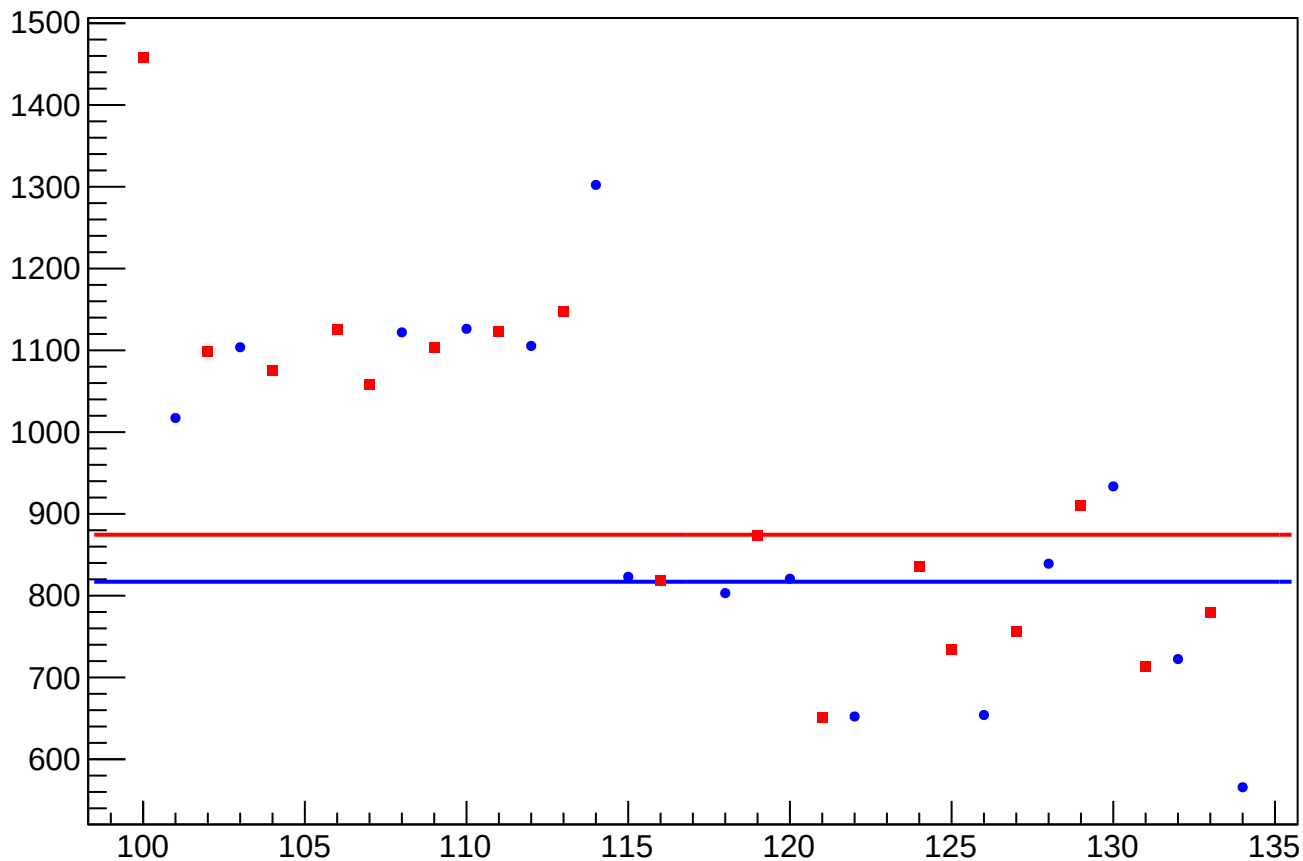
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -446.936+/-238.818 χ^2/NDF : 26.2/31

- 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 χ^2/NDF : 629275.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 874.552+/-0.242 χ^2/NDF : 512741.9/16

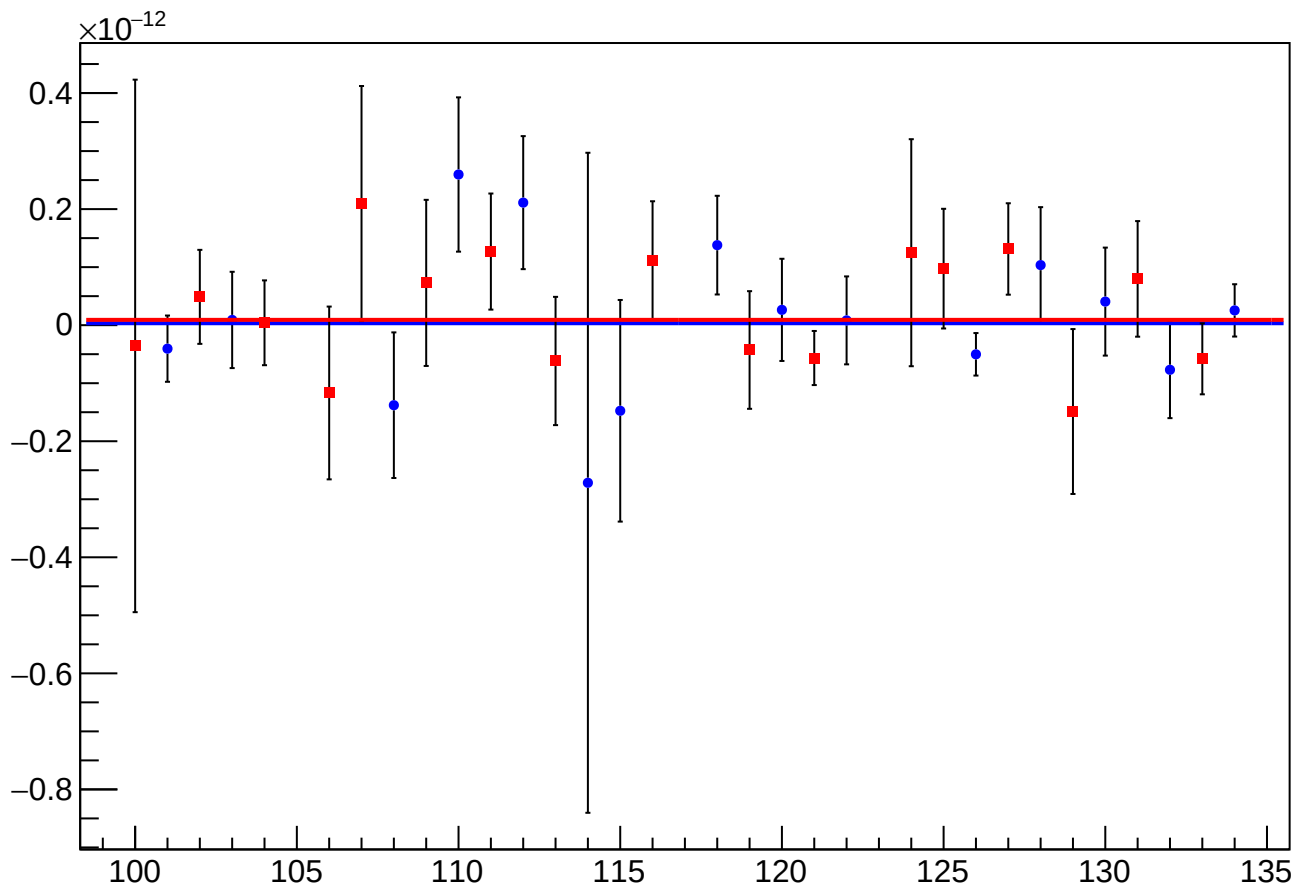
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 845.013+/-0.169 χ^2/NDF : 1170984.5/31

- sign 0.000+/-0.000 χ^2/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: 13.6/16

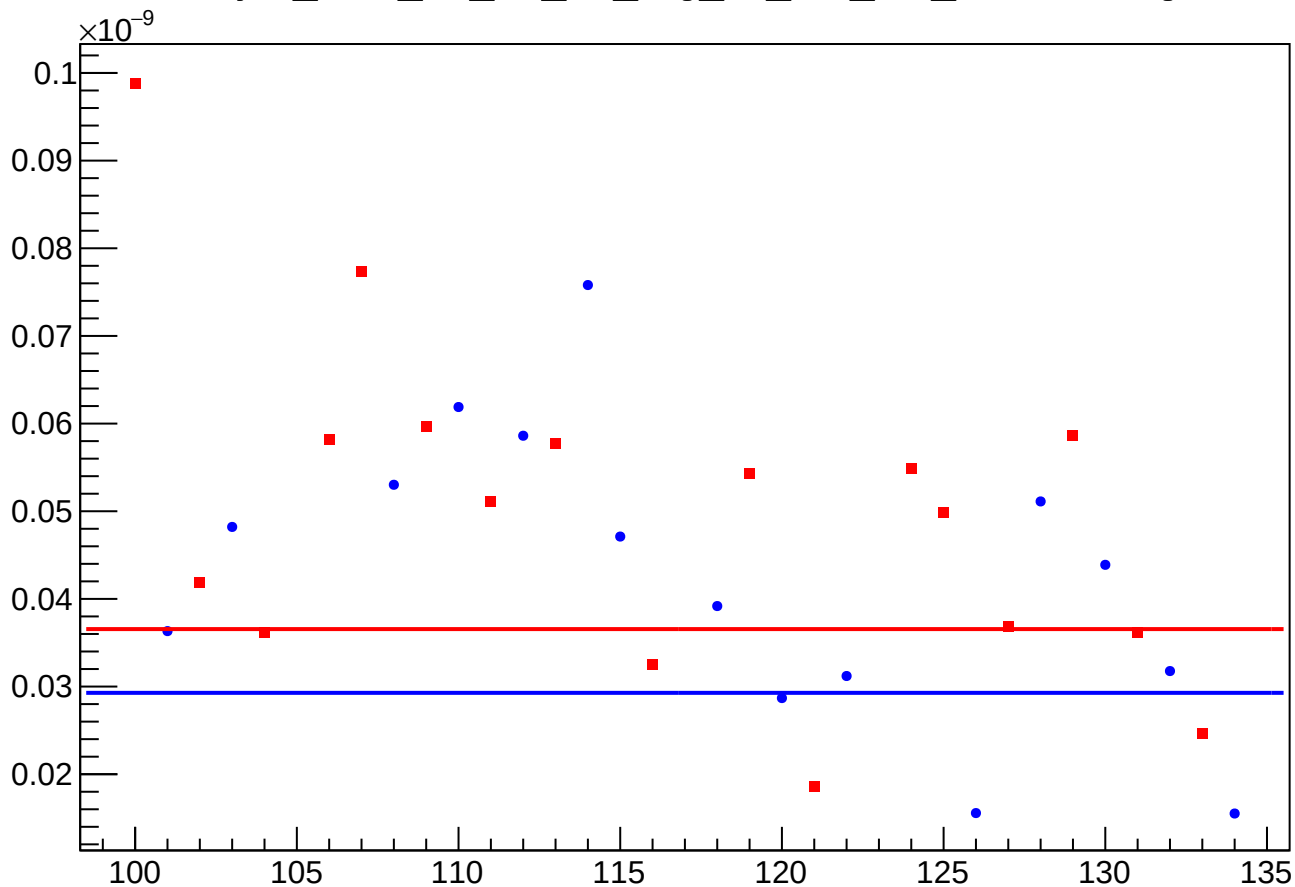
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 30.4/31

- 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 $\pm$ 0.000 χ^2 /NDF: 1130240.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 875620.5/16

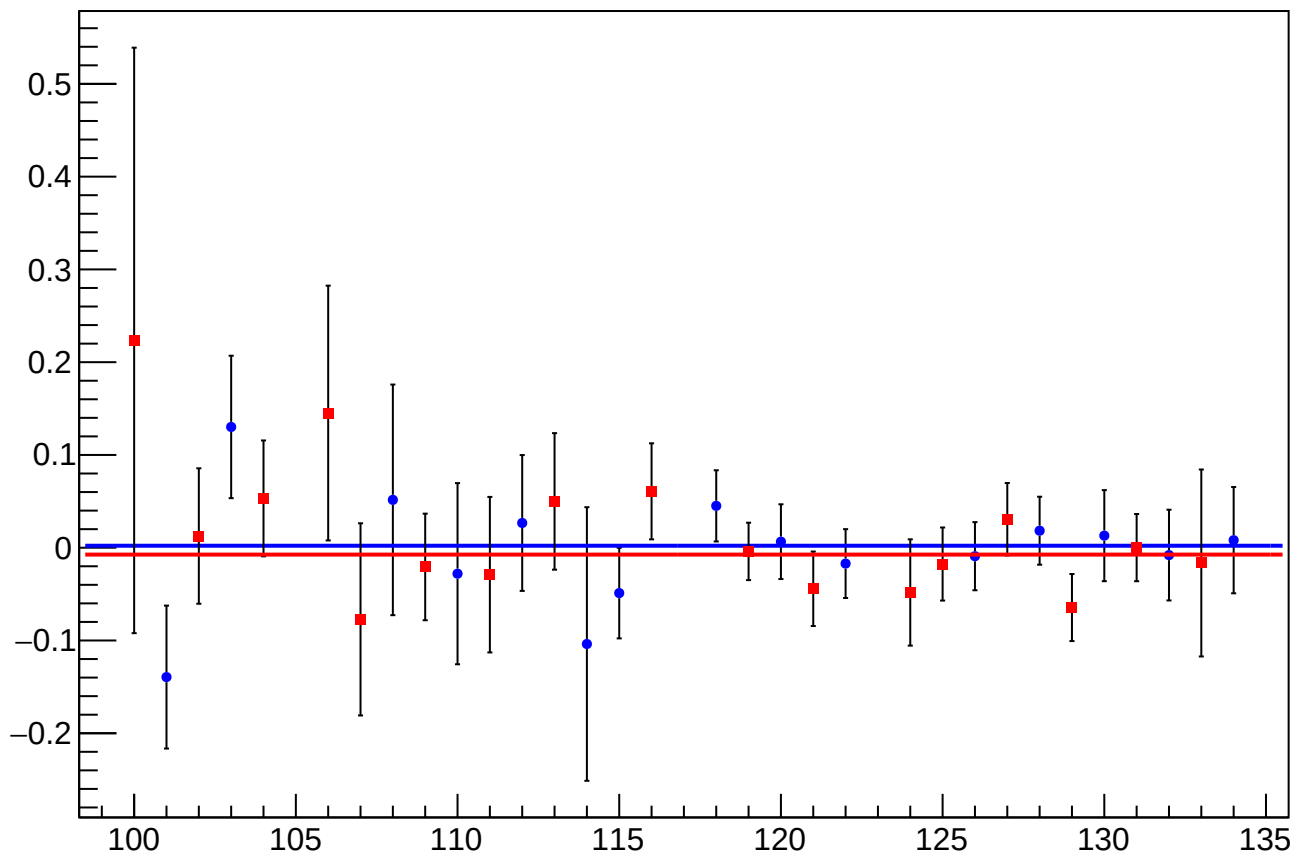
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2127643.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_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: -0.007 $\pm$ 0.012 χ^2 /NDF: 10.6/16

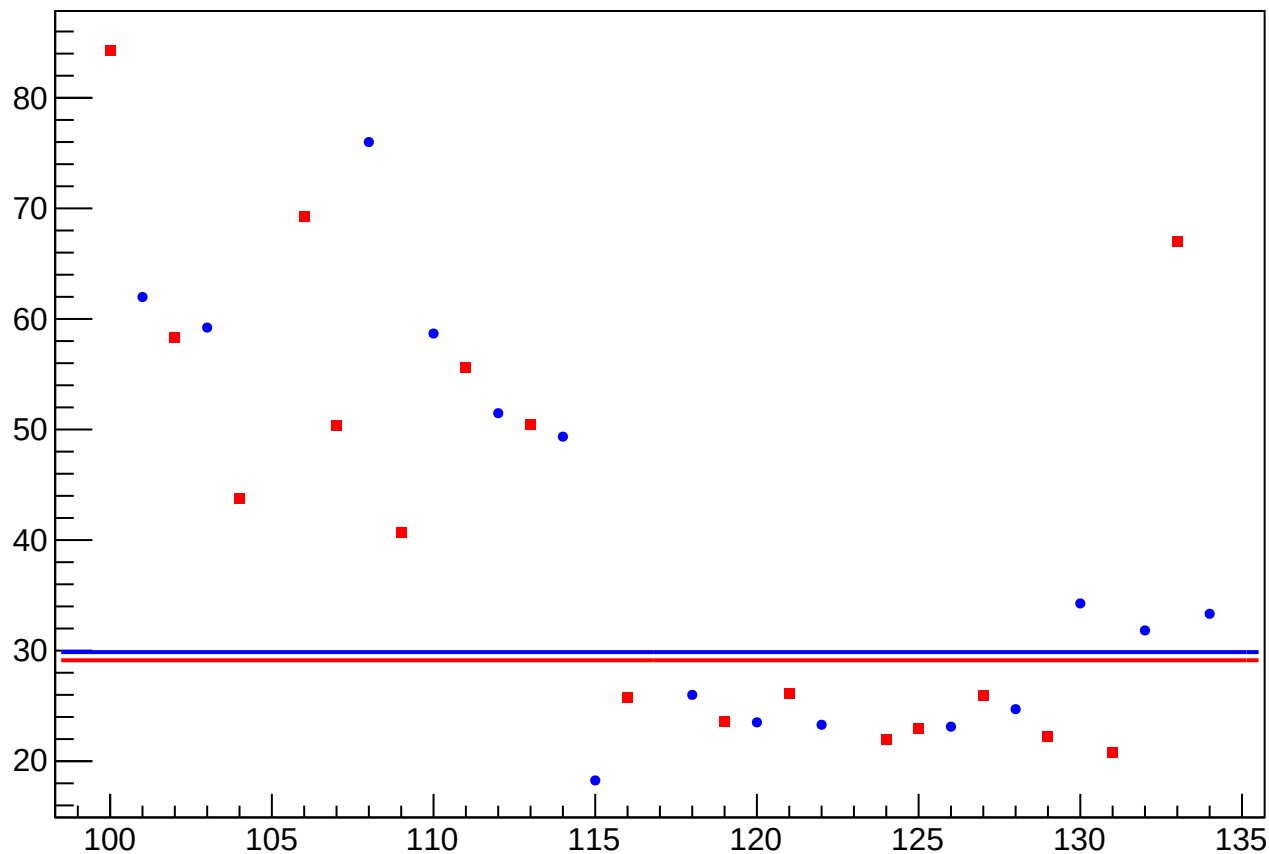
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.003 $\pm$ 0.009 χ^2 /NDF: 21.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /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: 29.128+/-0.009 χ^2/NDF : 1832949.7/16

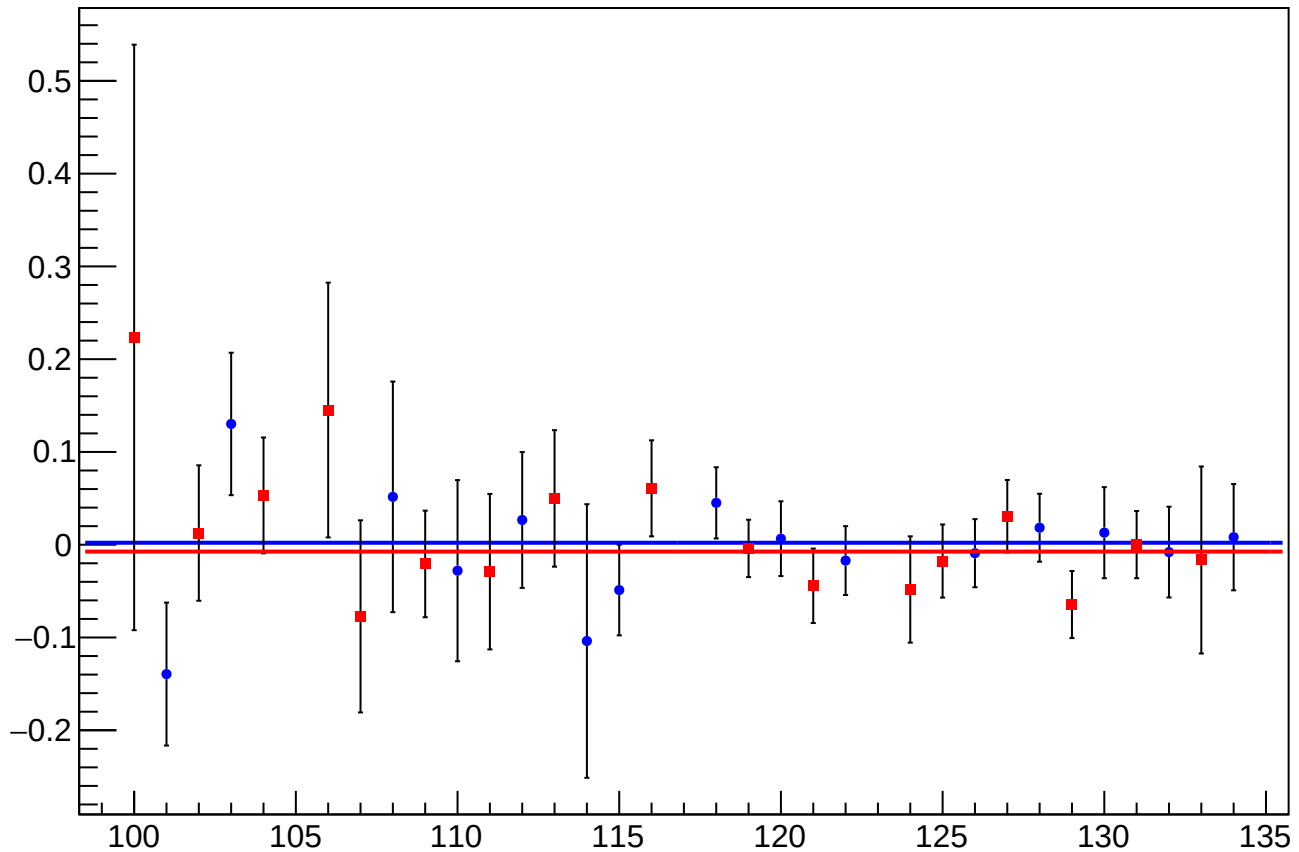
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.477+/-0.006 χ^2/NDF : 3514169.2/31

- 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 ± 0.013 χ^2/NDF : 10.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.007 ± 0.012 χ^2/NDF : 10.6/16

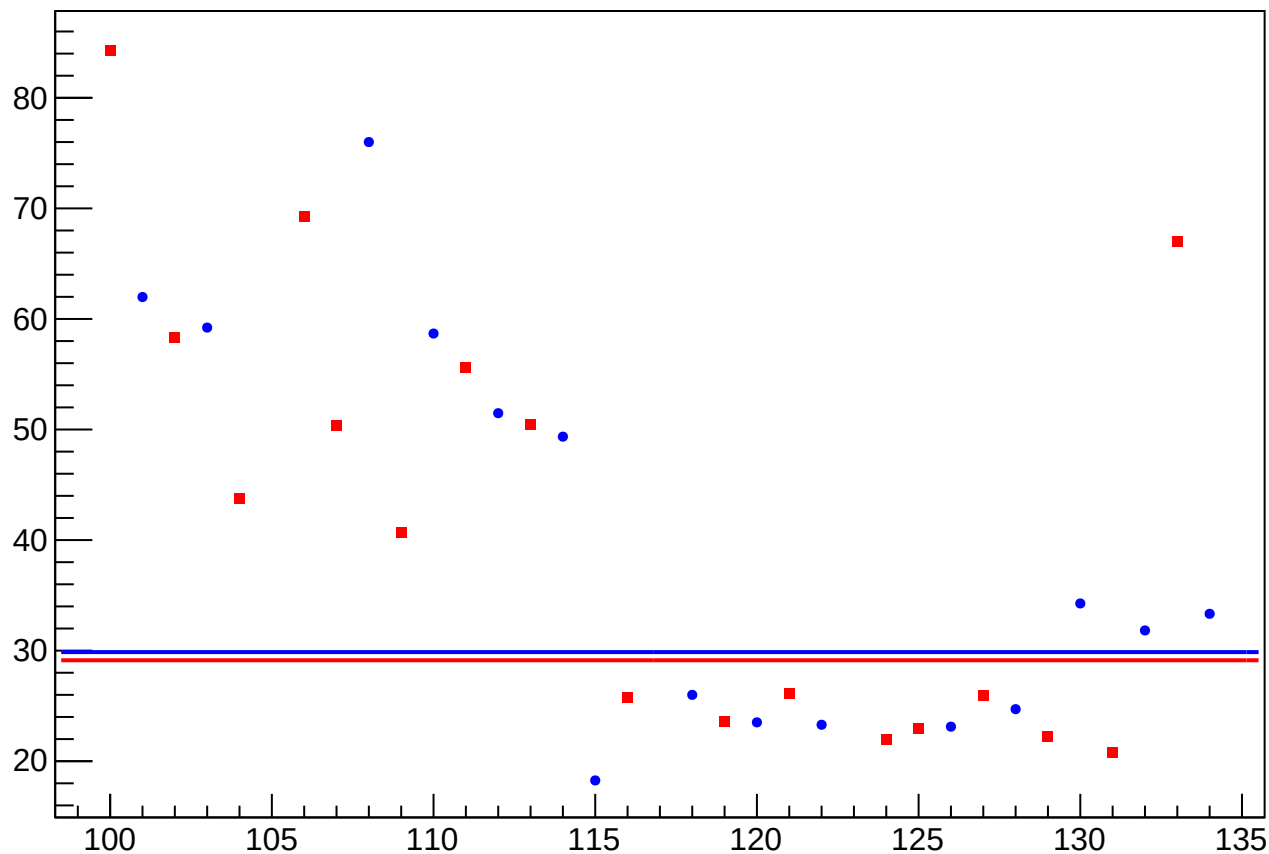
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.003 ± 0.009 χ^2/NDF : 21.0/31

- sign 0.000 ± 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: 29.128+/-0.009 χ^2/NDF : 1832949.7/16

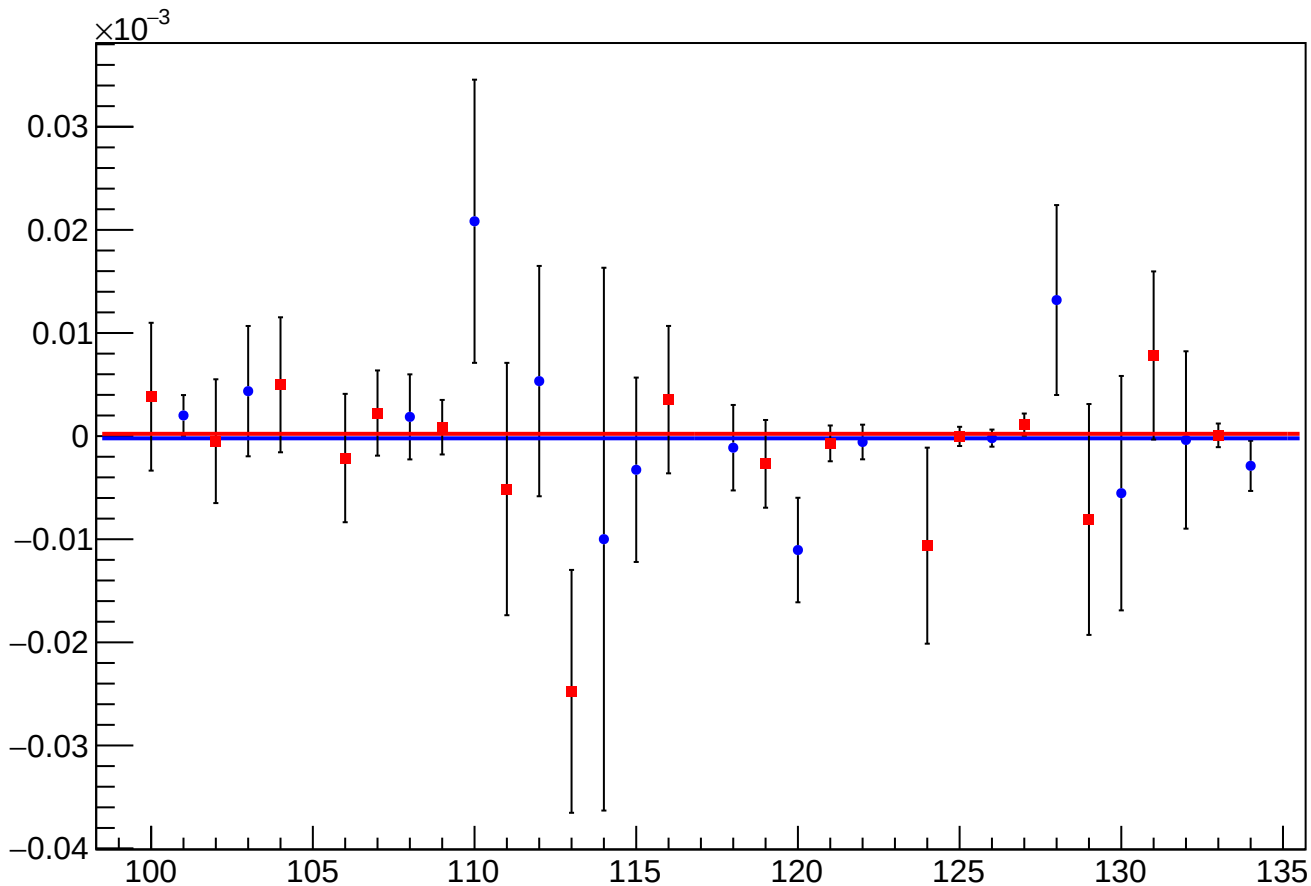
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.477+/-0.006 χ^2/NDF : 3514169.2/31

- 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 ± 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 : 10.4/16

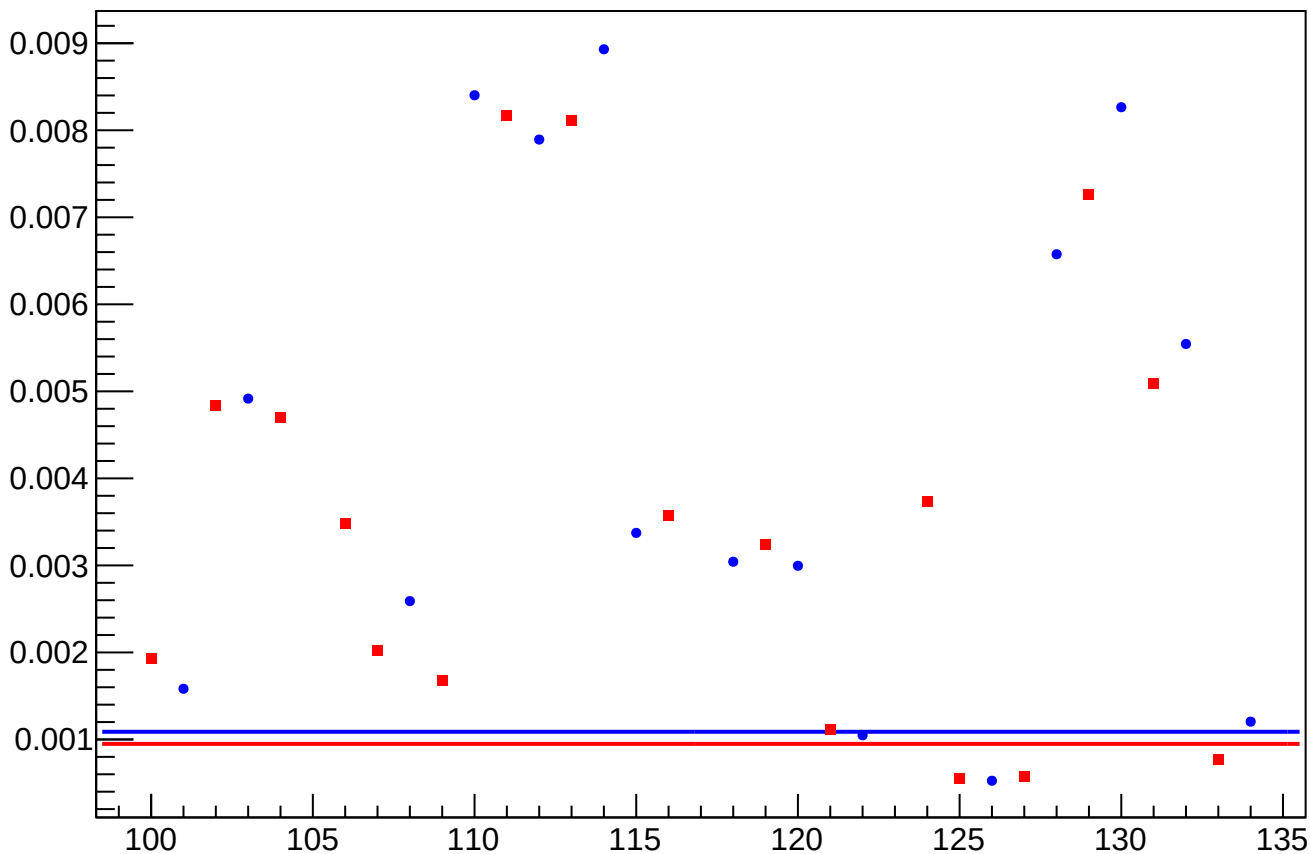
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 23.8/31

- sign 0.000 ± 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 : 6437601.5/16

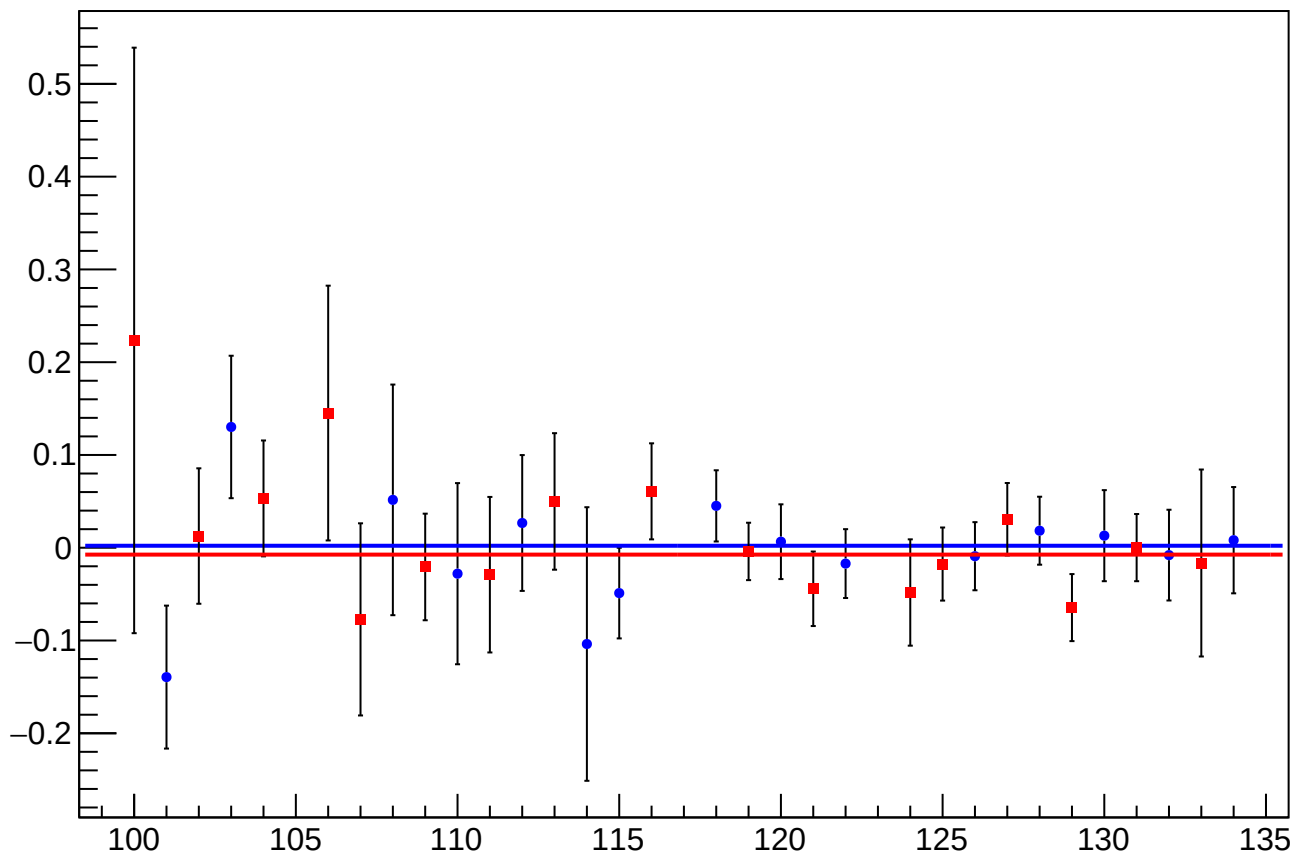
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 12933653.4/31

- 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: -0.007 $\pm$ 0.012 χ^2 /NDF: 10.6/16

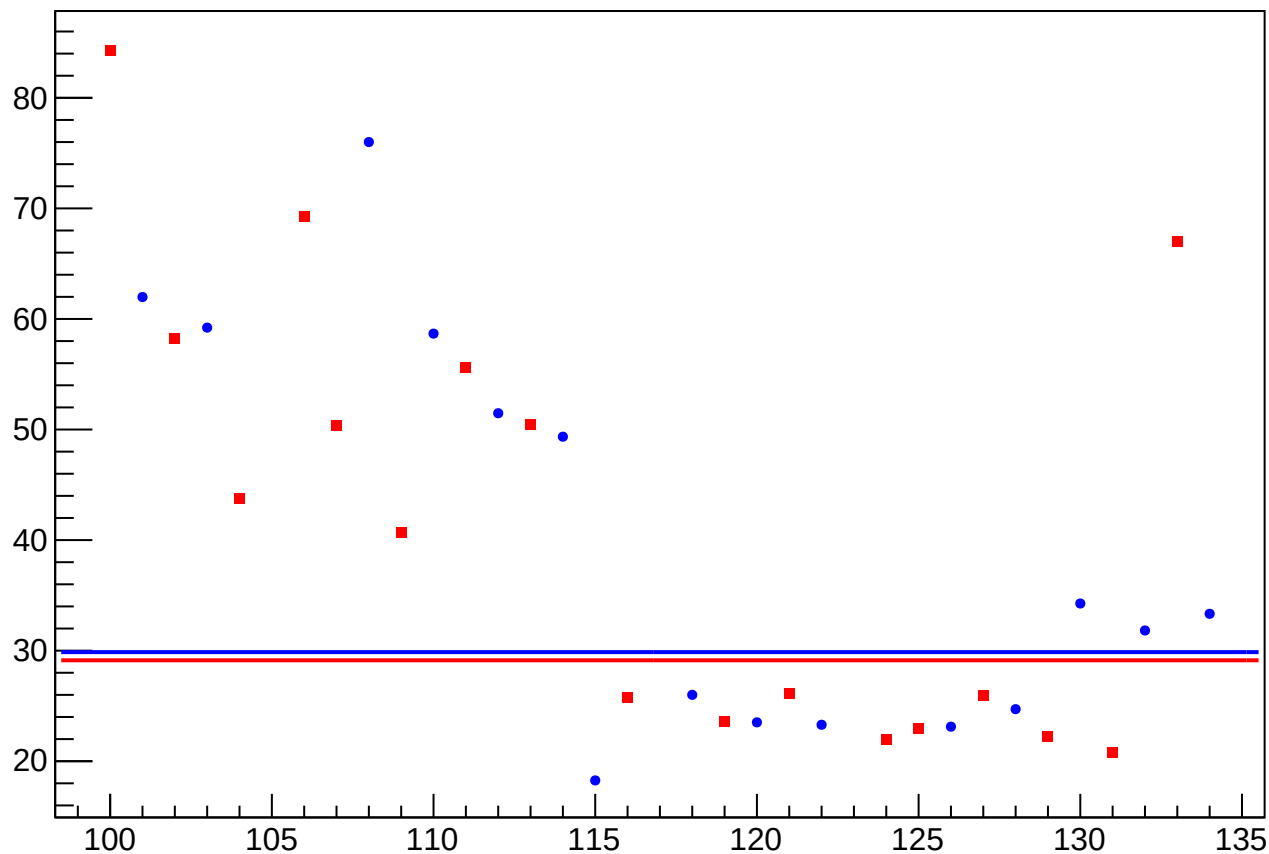
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.003 $\pm$ 0.009 χ^2 /NDF: 21.0/31

- 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: 29.127+/-0.009 χ^2/NDF : 1832945.9/16

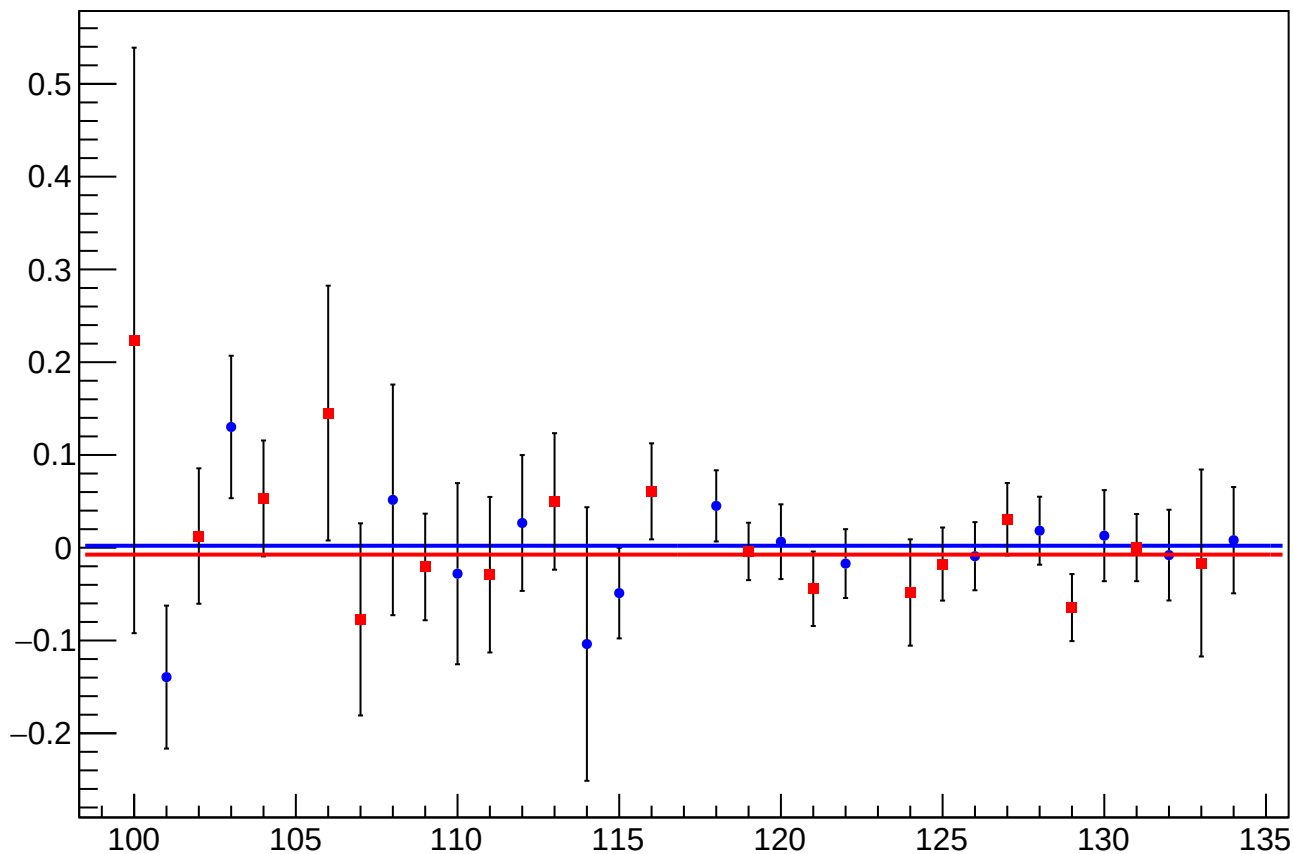
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.476+/-0.006 χ^2/NDF : 3513990.3/31

- 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: -0.007 $\pm$ 0.012 χ^2 /NDF: 10.6/16

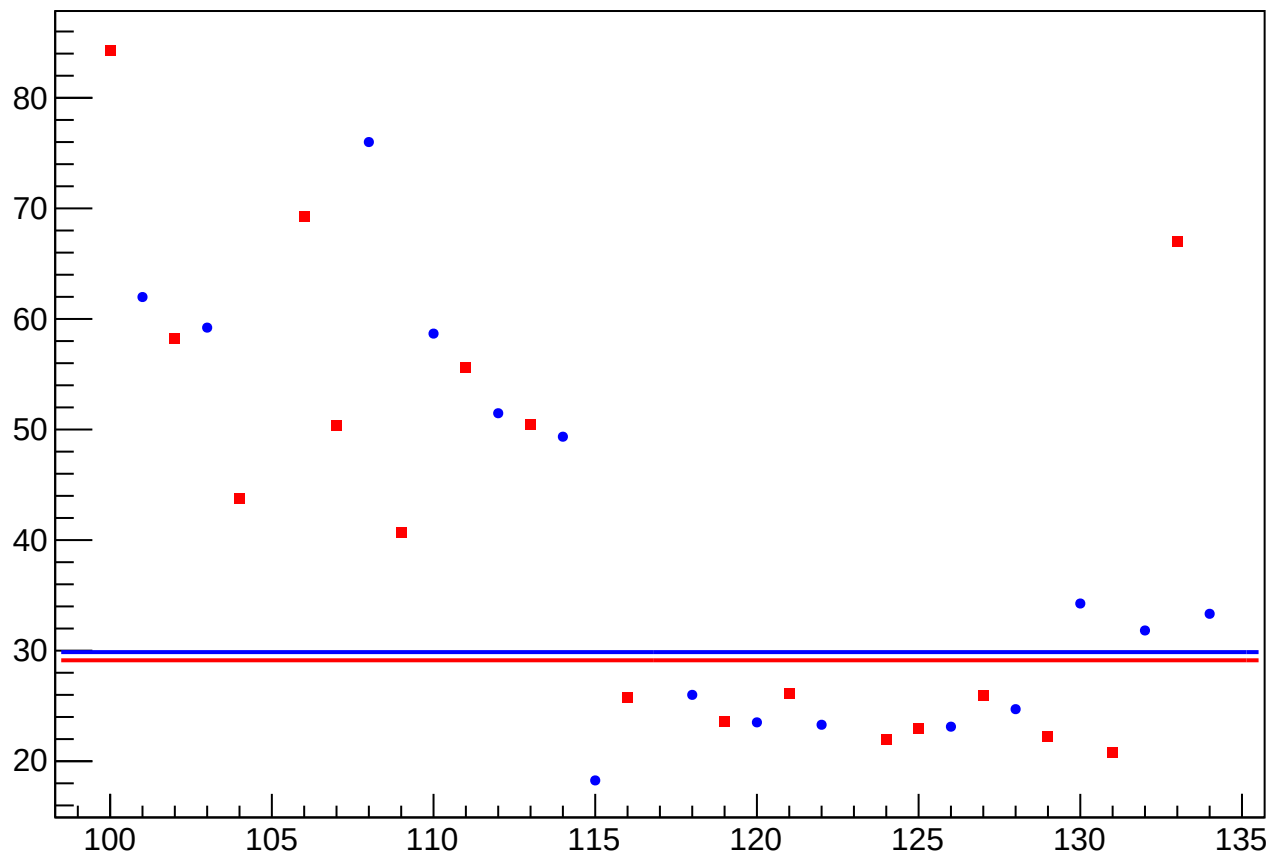
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.003 $\pm$ 0.009 χ^2 /NDF: 21.0/31

- 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: 29.127+/-0.009 χ^2/NDF : 1832945.9/16

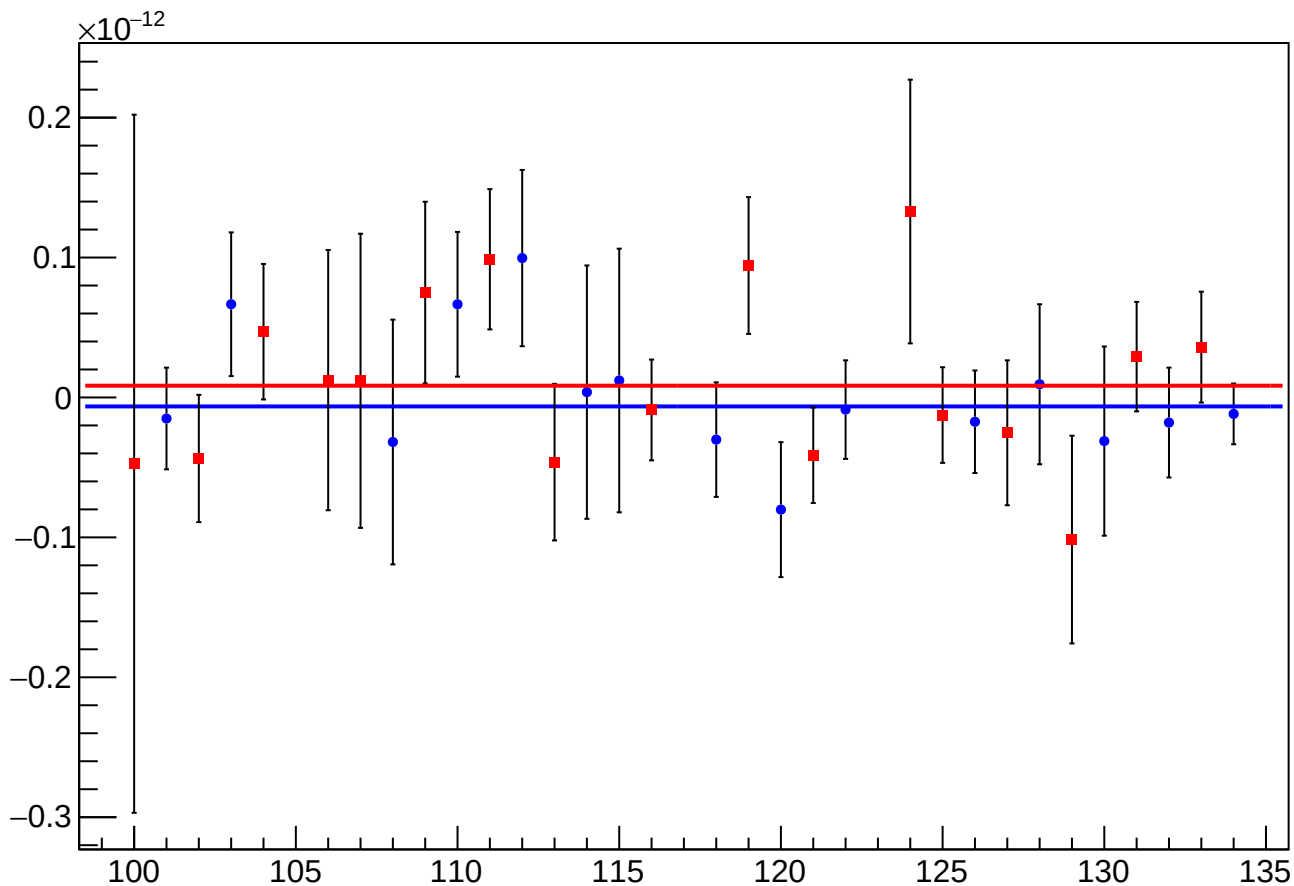
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.476+/-0.006 χ^2/NDF : 3513990.3/31

- 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 : 18.2/16

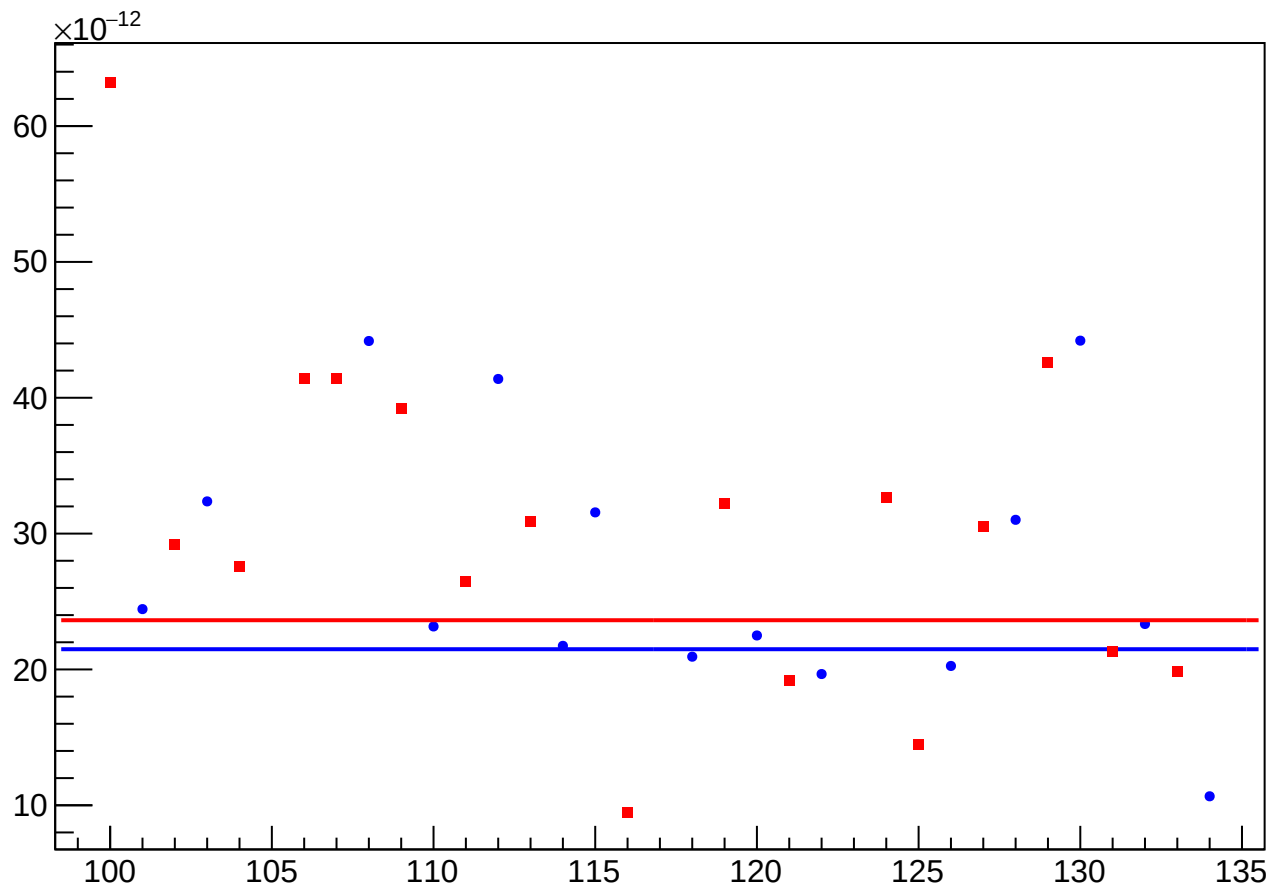
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.2/31

- 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 $\pm$ 0.000 χ^2 /NDF: 1253598.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1139245.0/16

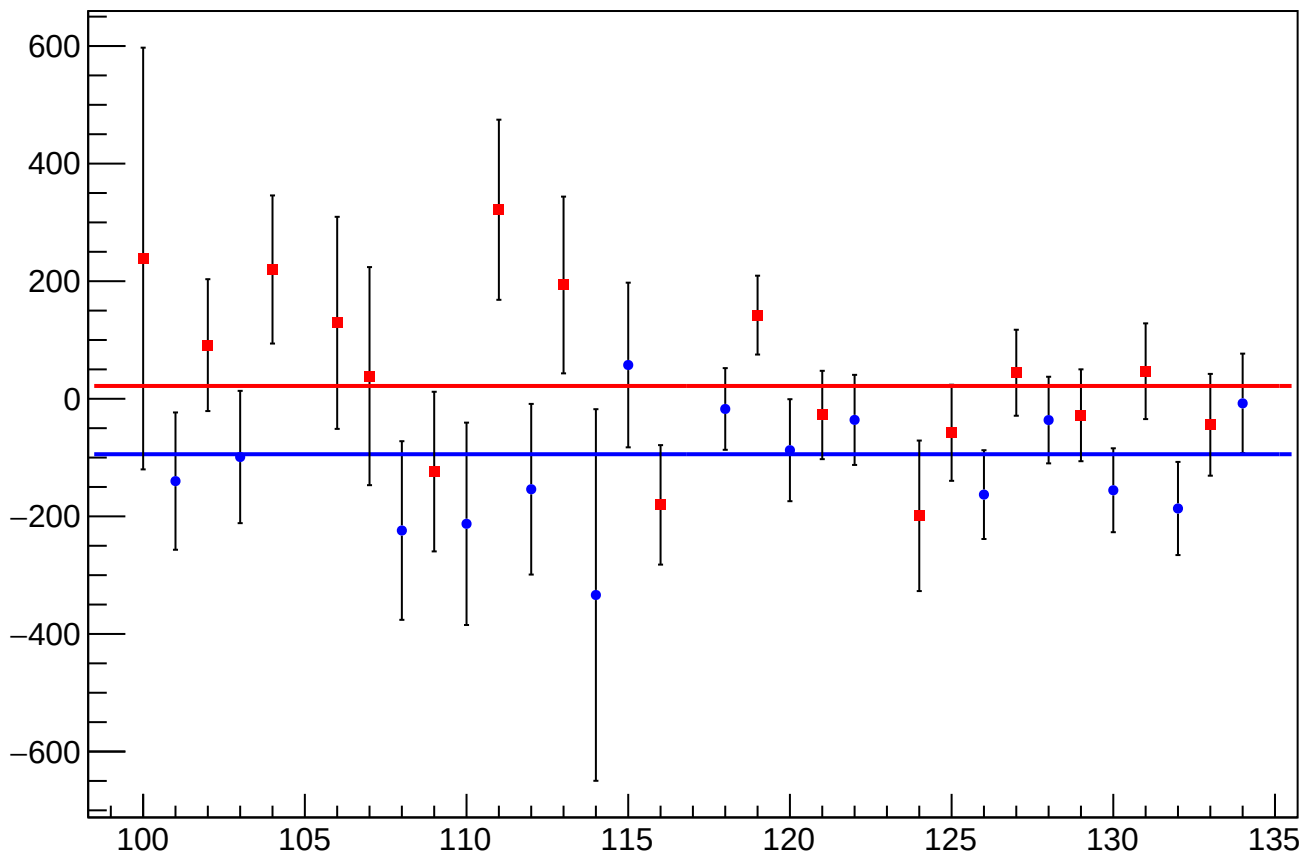
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2426718.7/31

- sign 0.000 $\pm$ 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: 21.809 ± 24.300 χ^2/NDF : 22.6/16

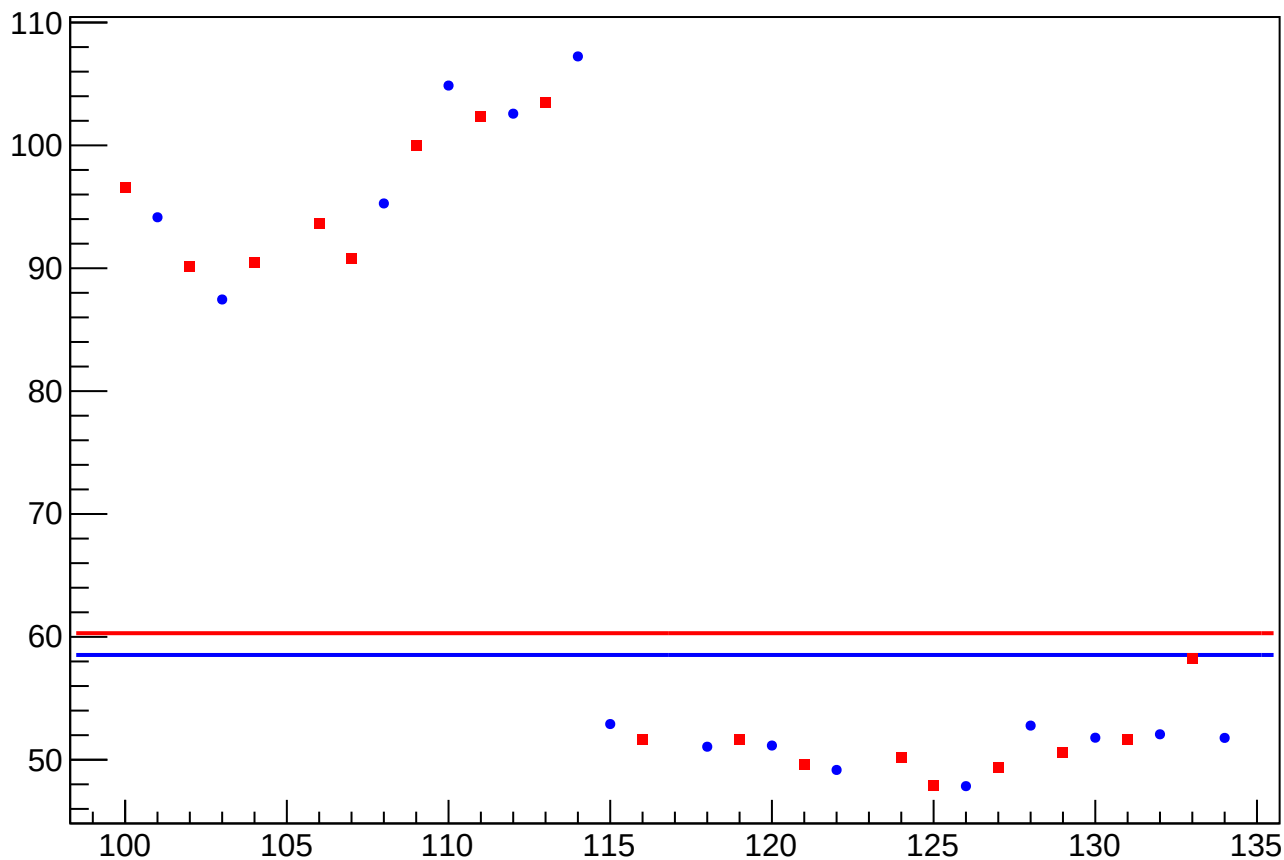
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.417 ± 17.157 χ^2/NDF : 43.7/31

- 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: 60.300+/-0.017 χ^2/NDF : 1131692.4/16

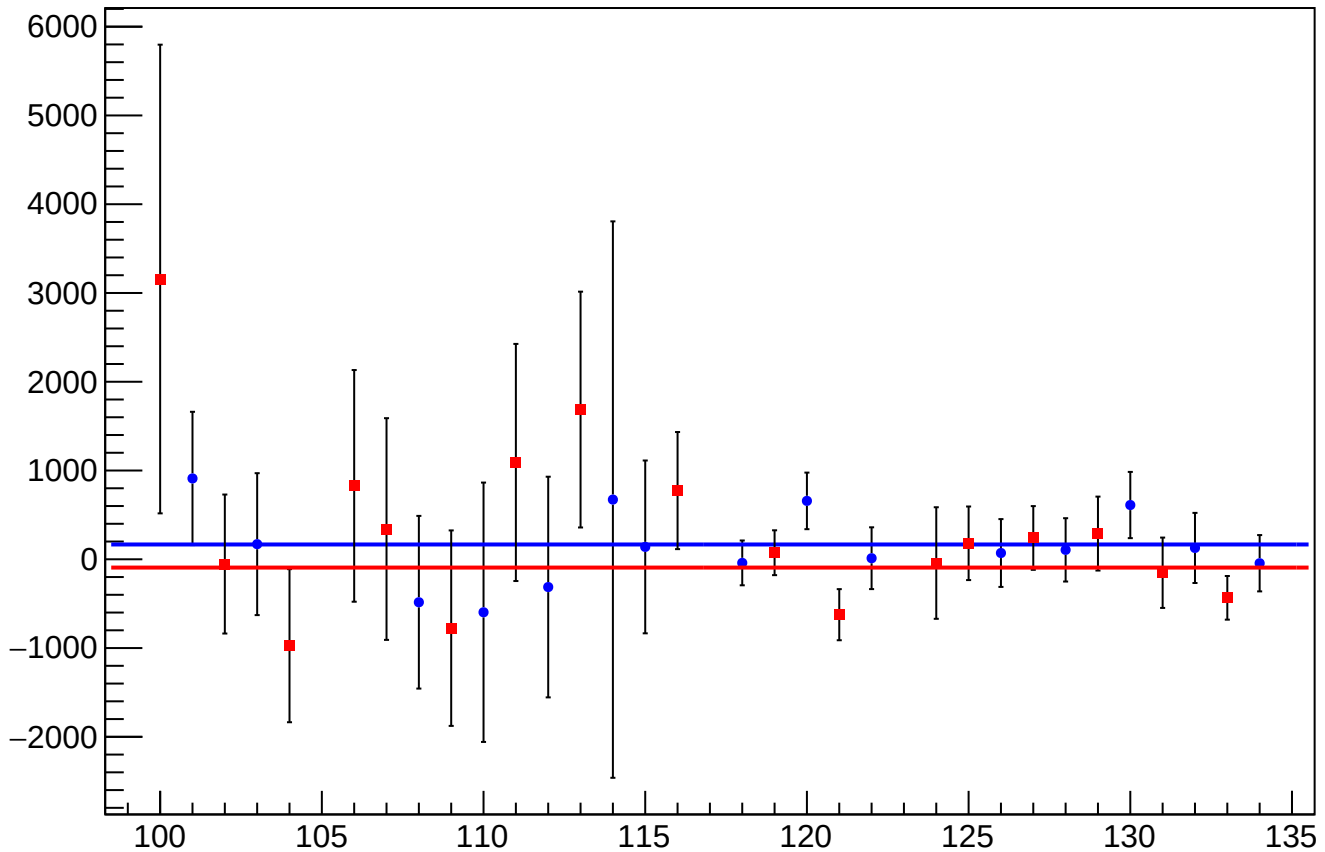
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.411+/-0.012 χ^2/NDF : 2115715.2/31

- 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: -93.337 $\pm$ 111.028 χ^2 /NDF: 15.8/16

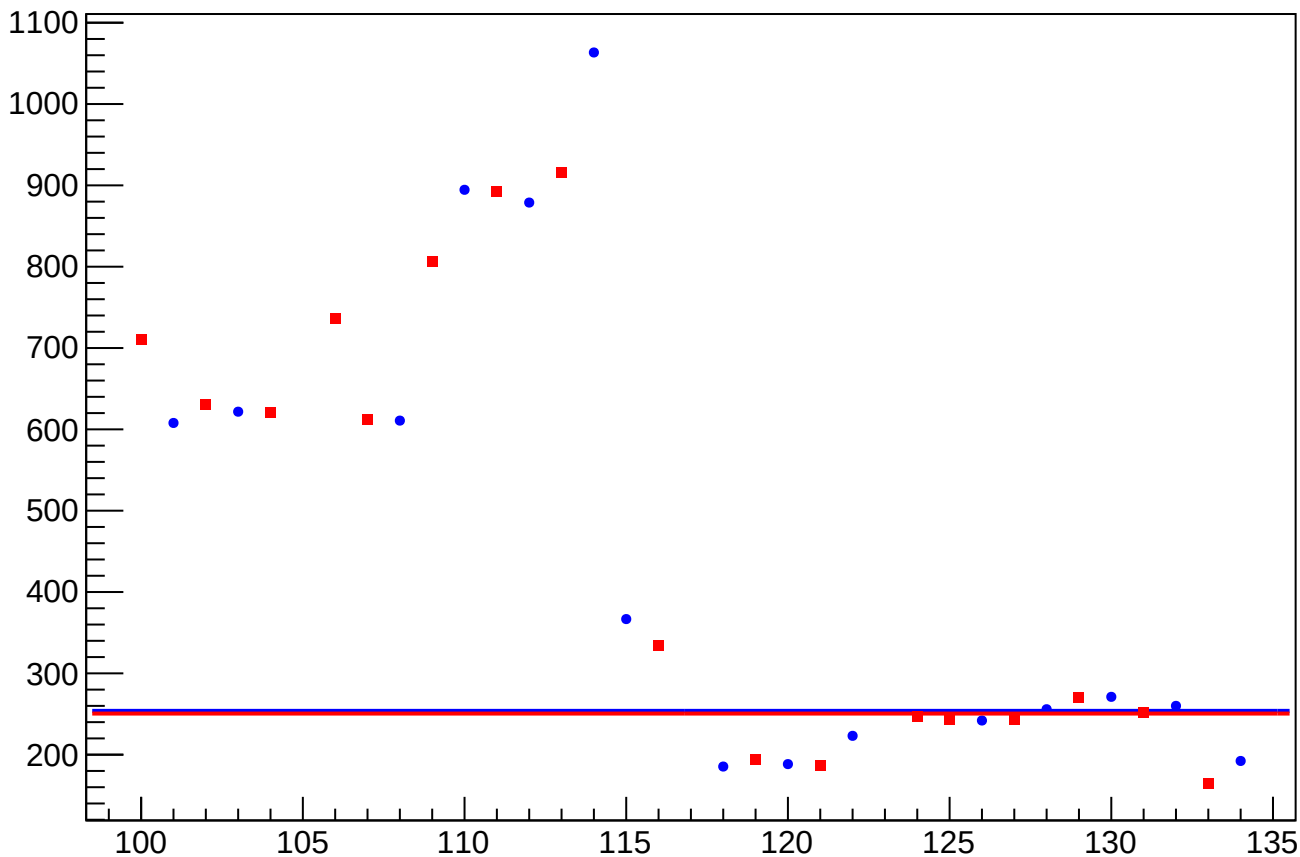
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.815 $\pm$ 79.096 χ^2 /NDF: 25.6/31

- 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: 250.548 $\pm$ 0.079 χ^2 /NDF: 3301197.8/16

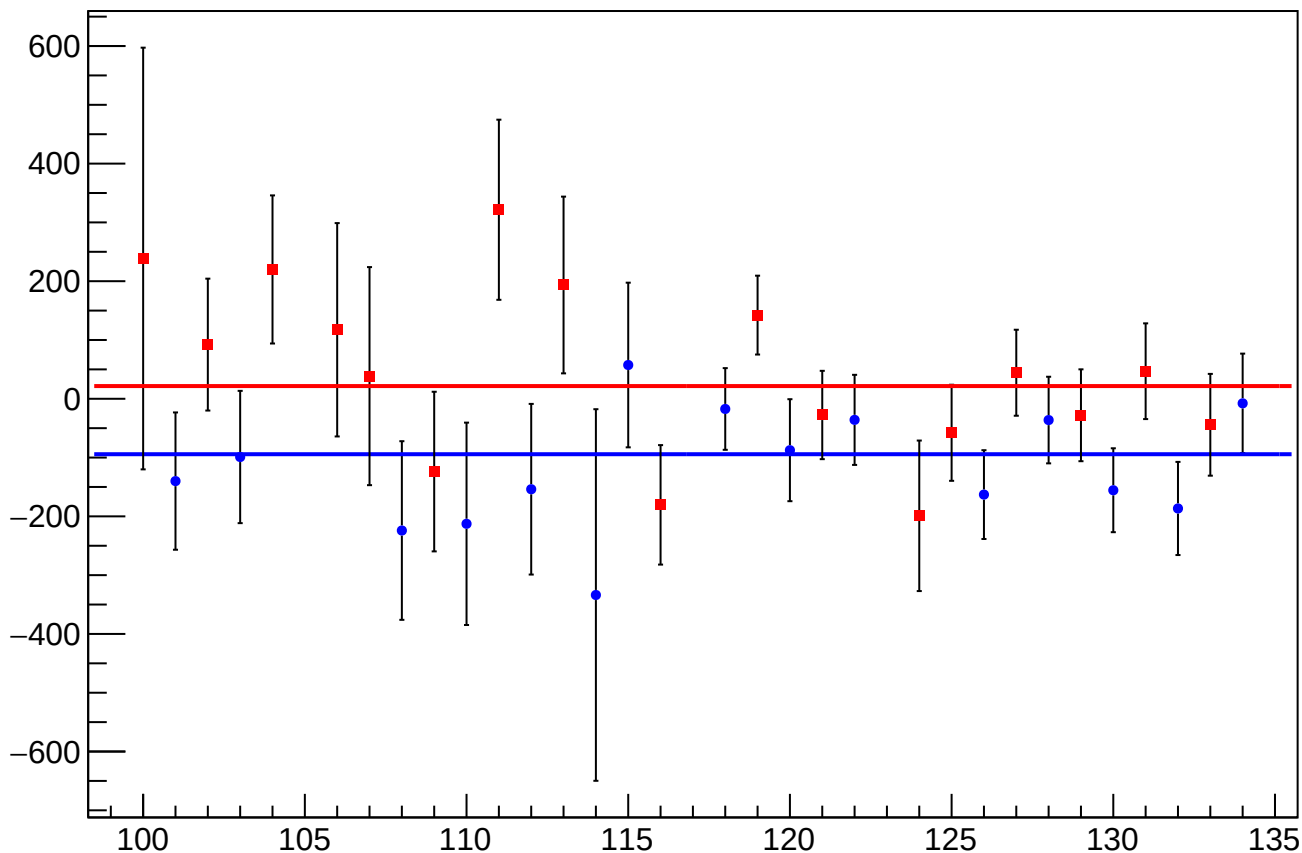
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 252.186 $\pm$ 0.056 χ^2 /NDF: 5819408.4/31

- 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 ± 24.228 χ^2/NDF : 9.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 21.616 ± 24.303 χ^2/NDF : 22.5/16

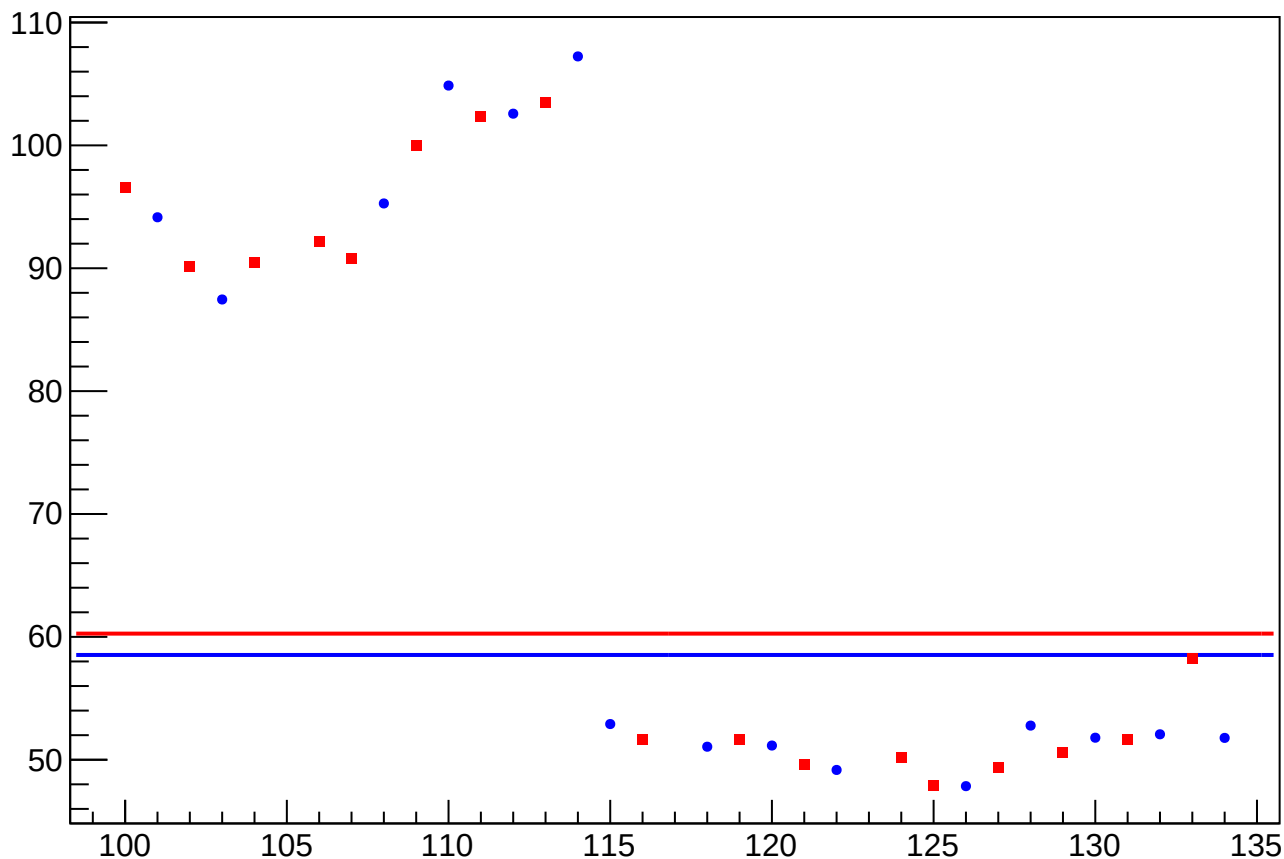
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.519 ± 17.158 χ^2/NDF : 43.6/31

- sign 0.000 ± 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: 60.265 $\pm$ 0.017 χ^2 /NDF: 1124938.9/16

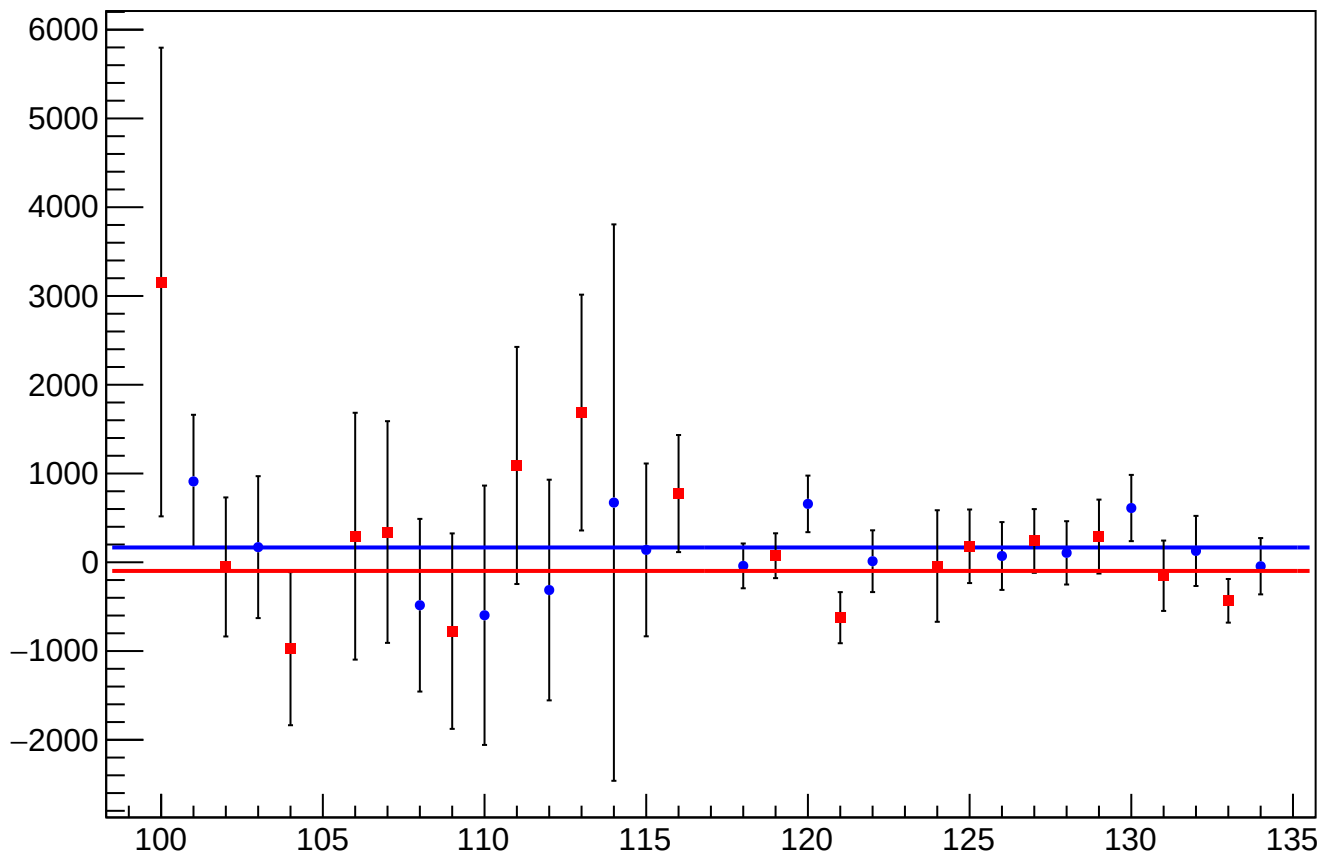
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 59.394 $\pm$ 0.012 χ^2 /NDF: 2108756.6/31

- 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 ± 112.707 χ^2/NDF : 7.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -97.509 ± 111.077 χ^2/NDF : 15.4/16

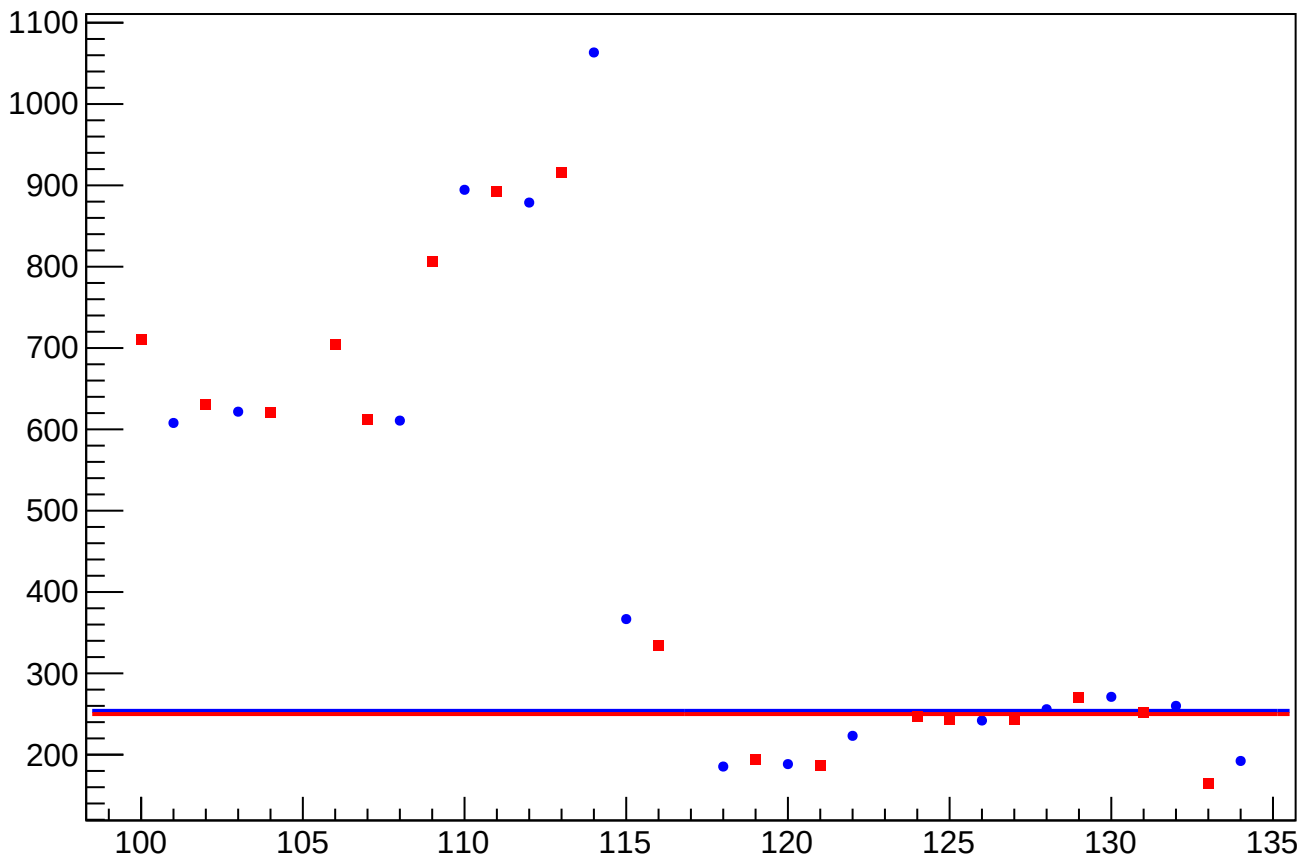
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 32.755 ± 79.113 χ^2/NDF : 25.3/31

- sign 0.000 ± 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: 249.924+/-0.079 χ^2/NDF : 3237249.9/16

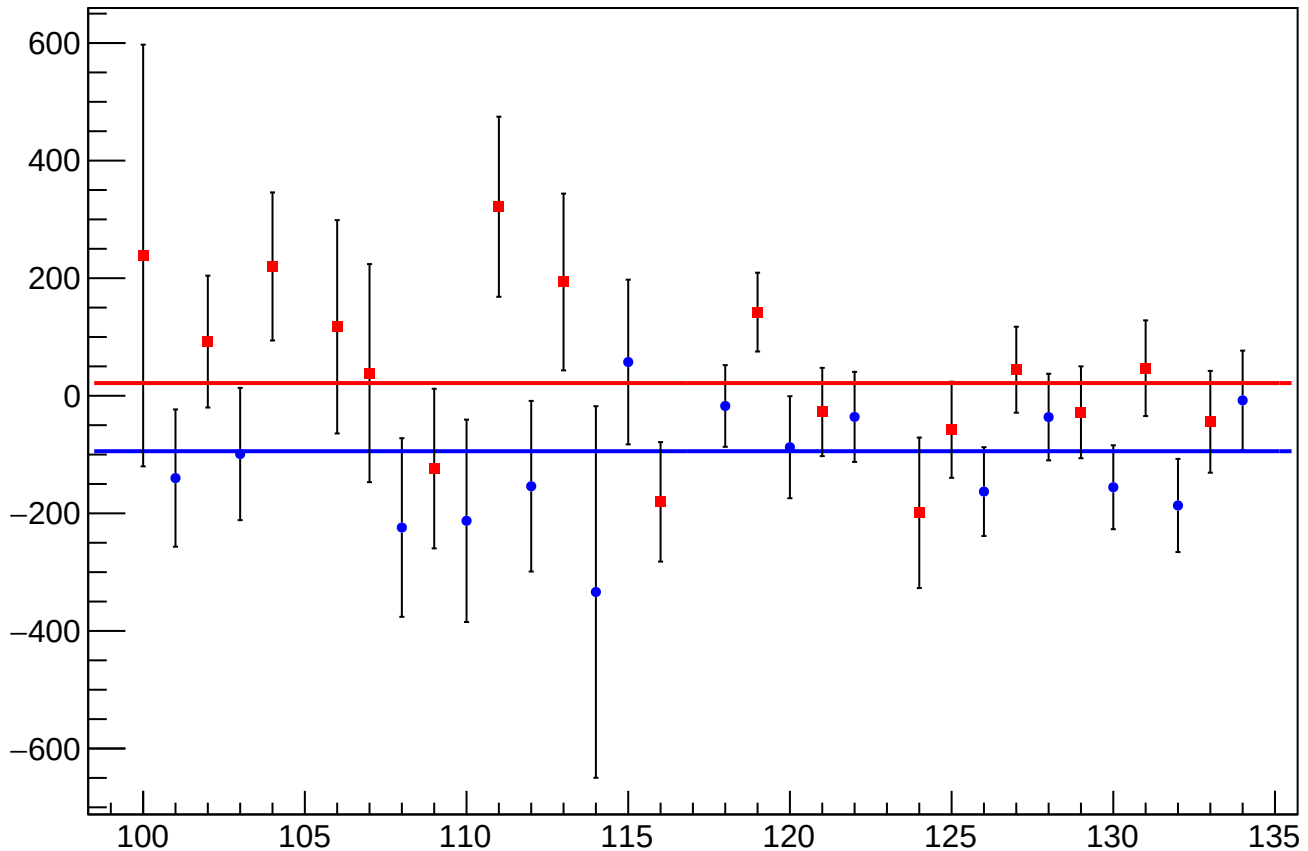
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 251.870+/-0.056 χ^2/NDF : 5755832.7/31

- 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 ± 24.228 χ^2/NDF : 9.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 21.616 ± 24.303 χ^2/NDF : 22.5/16

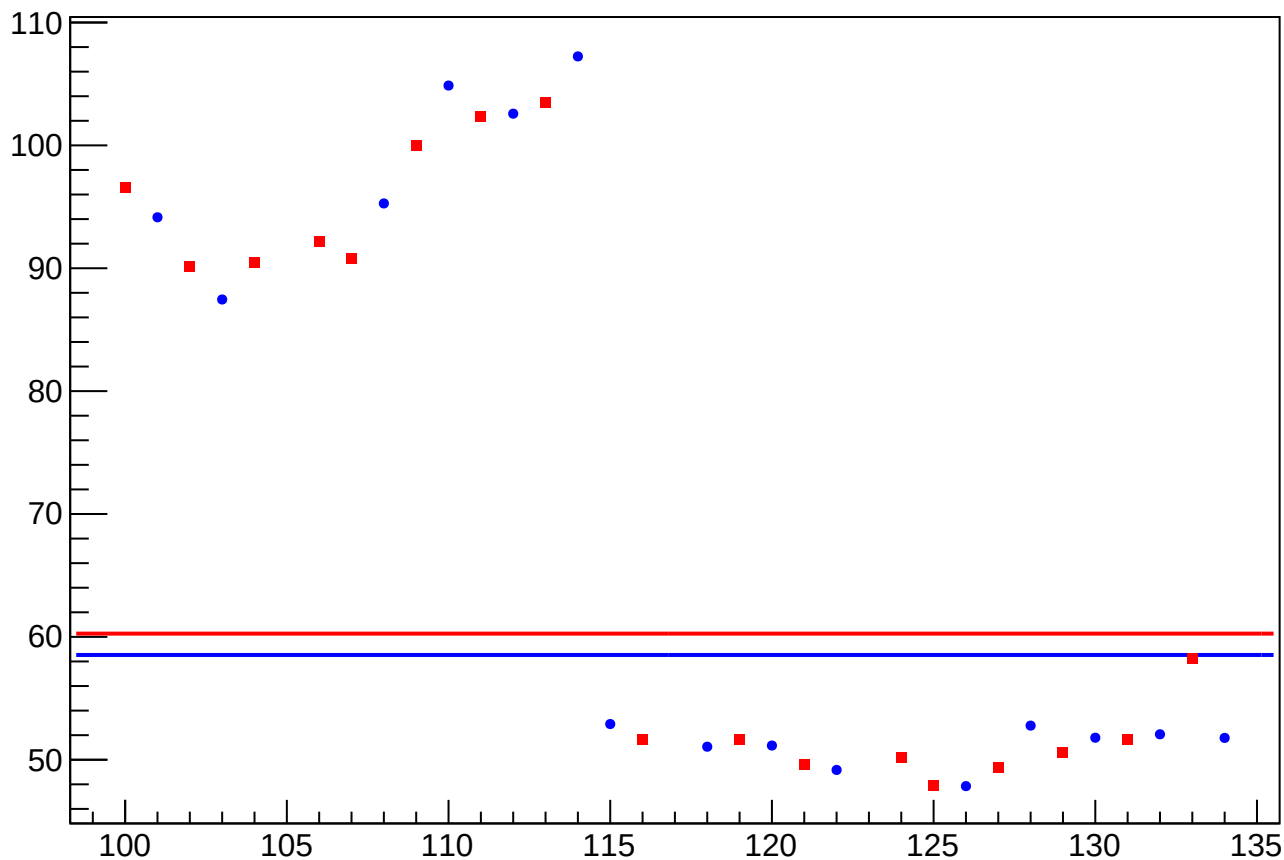
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.519 ± 17.158 χ^2/NDF : 43.6/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_37_26_dd_rms vs Slug



Right In: 58.528+/-0.017 χ^2/NDF : 978691.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.265+/-0.017 χ^2/NDF : 1124938.9/16

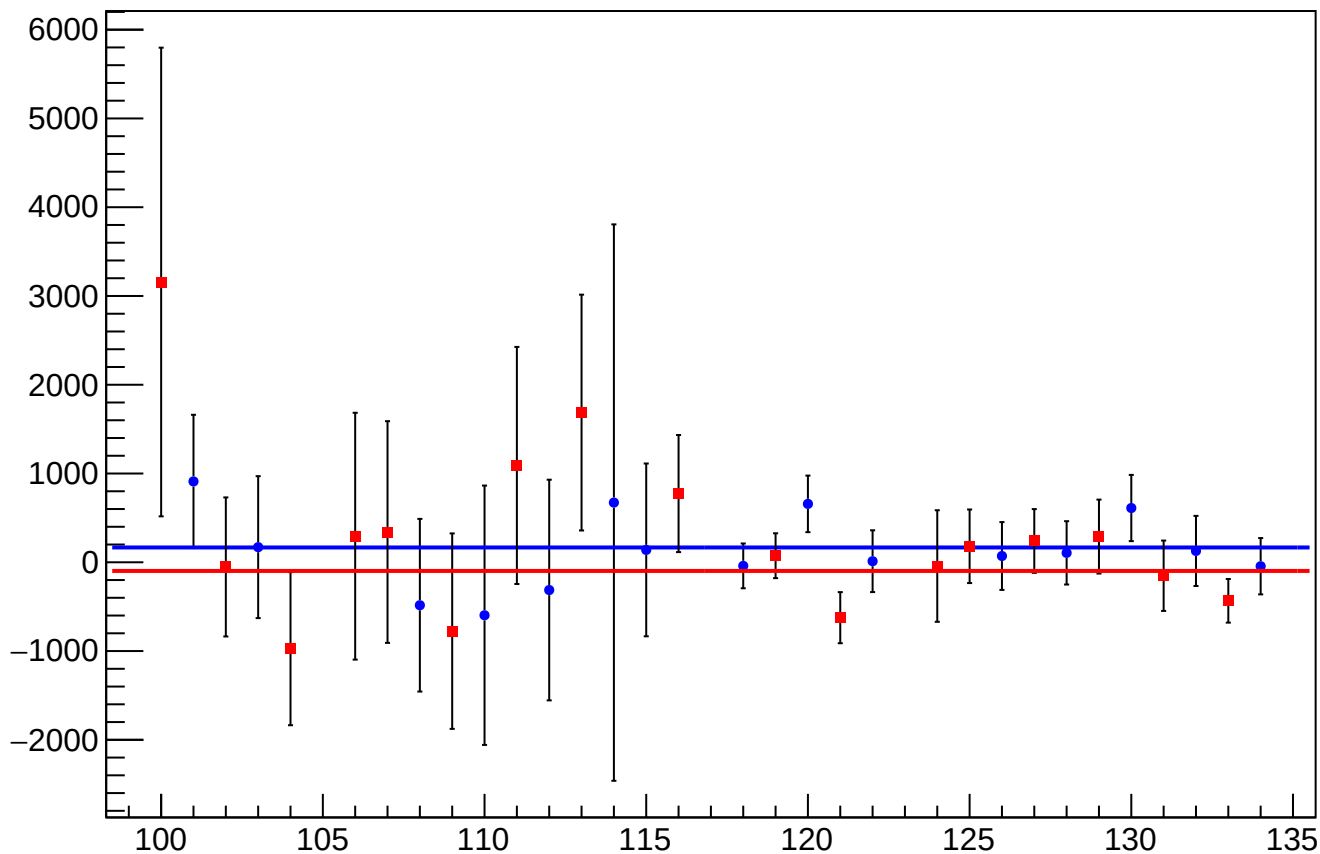
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.394+/-0.012 χ^2/NDF : 2108756.6/31

- sign 0.000+/-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: -97.509 $\pm$ 111.077 χ^2 /NDF: 15.4/16

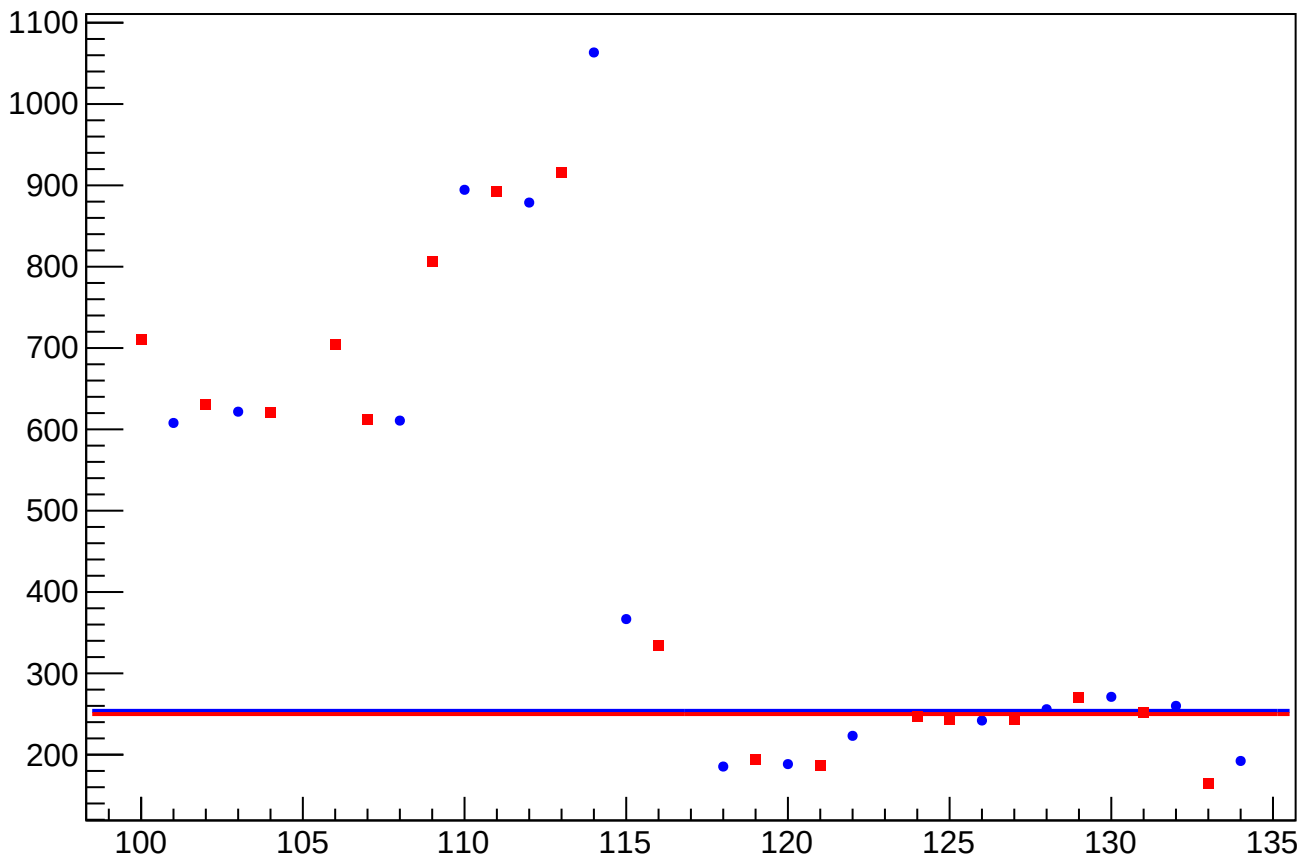
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.755 $\pm$ 79.113 χ^2 /NDF: 25.3/31

- 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 $\pm$ 0.080 χ^2 /NDF: 2517336.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 249.924 $\pm$ 0.079 χ^2 /NDF: 3237249.9/16

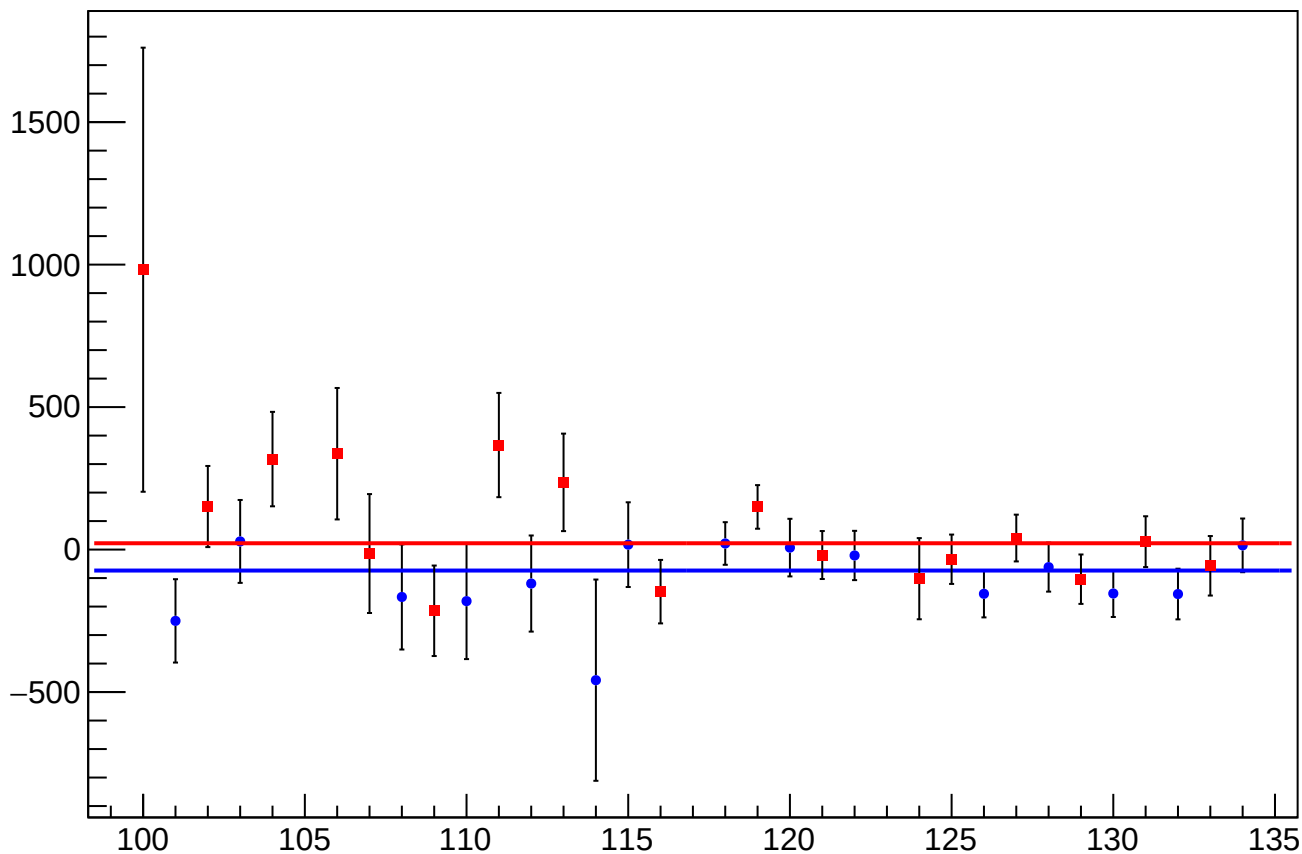
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 251.870 $\pm$ 0.056 χ^2 /NDF: 5755832.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_37_26_dd_mean vs Slug



Right In: -73.576 ± 27.585 χ^2/NDF : 10.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 22.189 ± 27.661 χ^2/NDF : 24.0/16

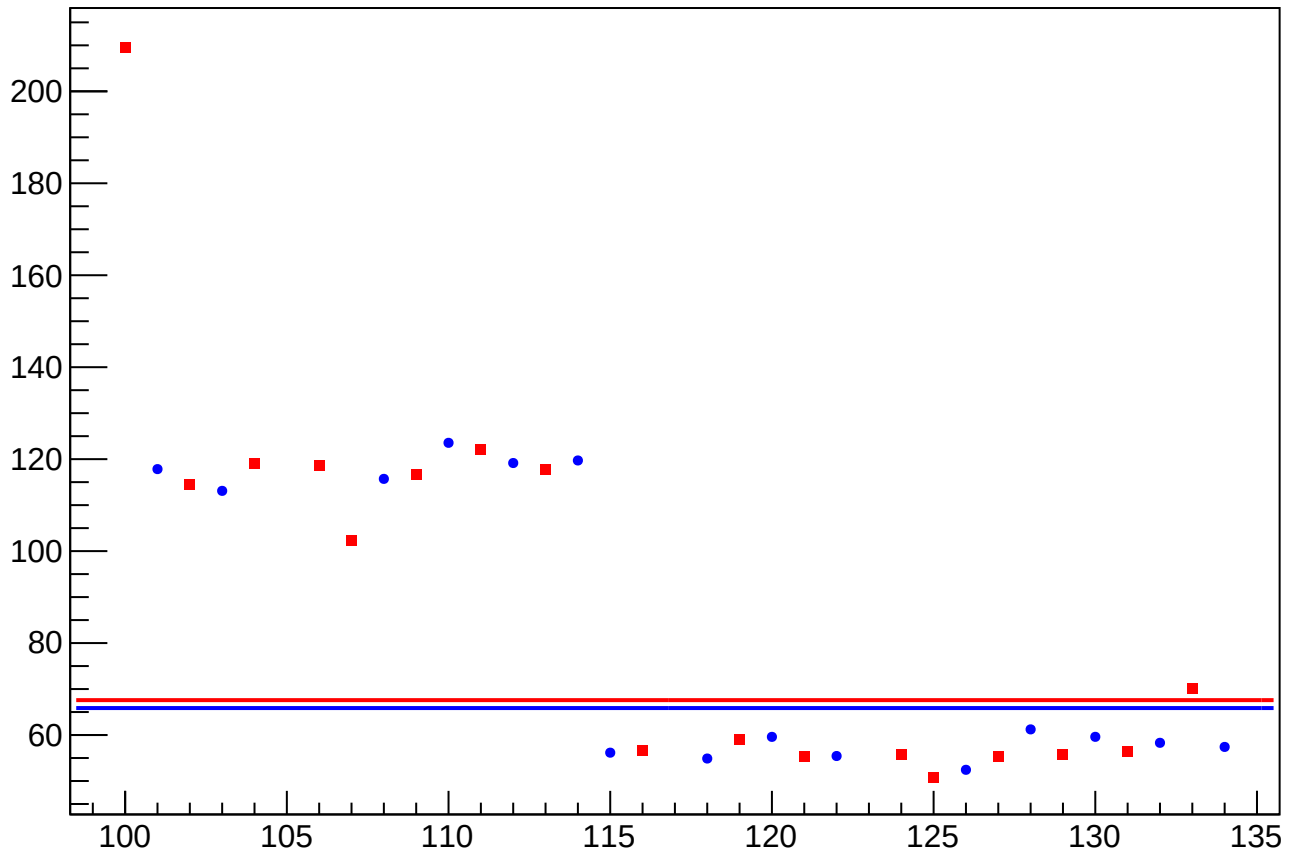
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.825 ± 19.532 χ^2/NDF : 40.4/31

- sign 0.000 ± 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: 67.589+/-0.020 χ^2/NDF : 1461818.3/16

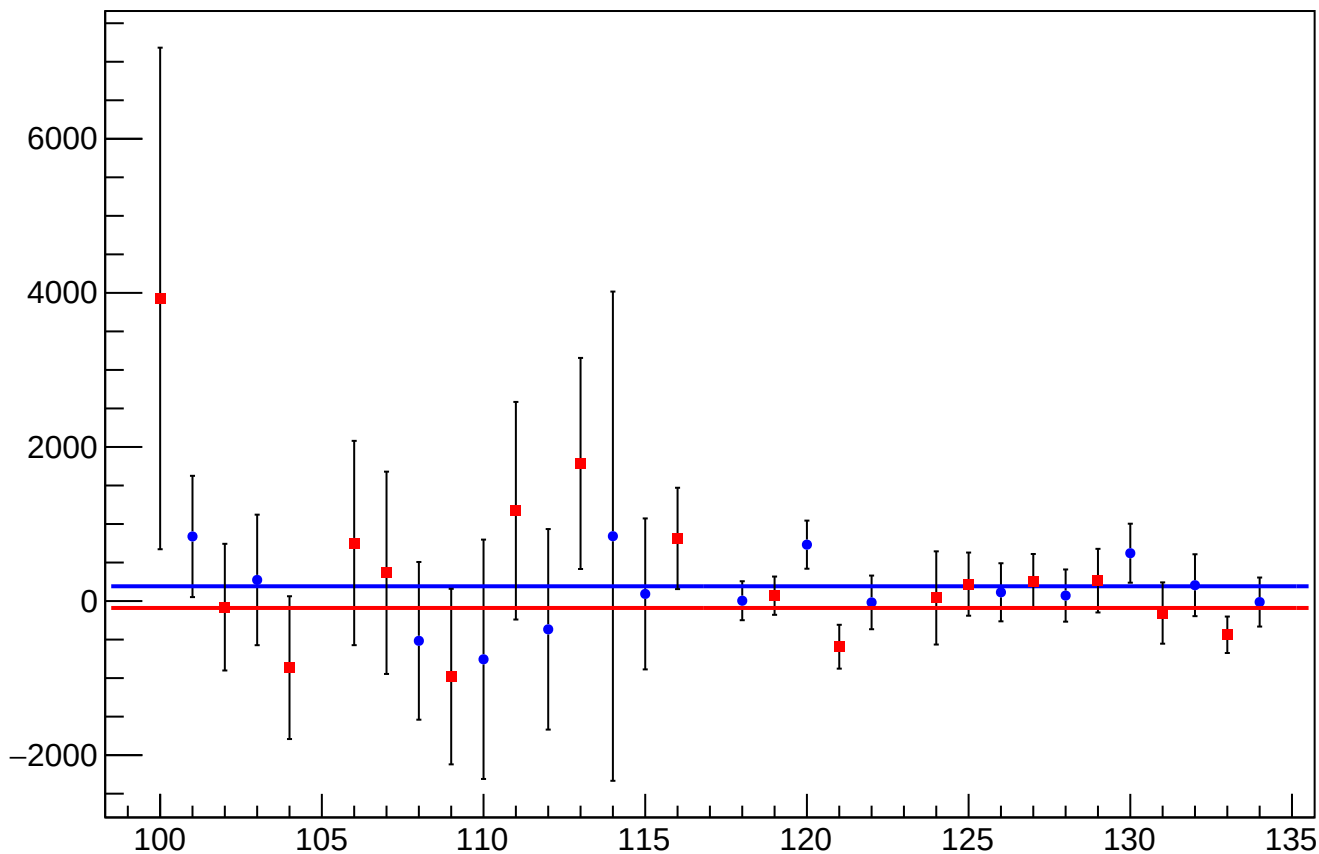
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.724+/-0.014 χ^2/NDF : 2671328.9/31

- 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: -89.624 $\pm$ 109.645 χ^2 /NDF: 15.9/16

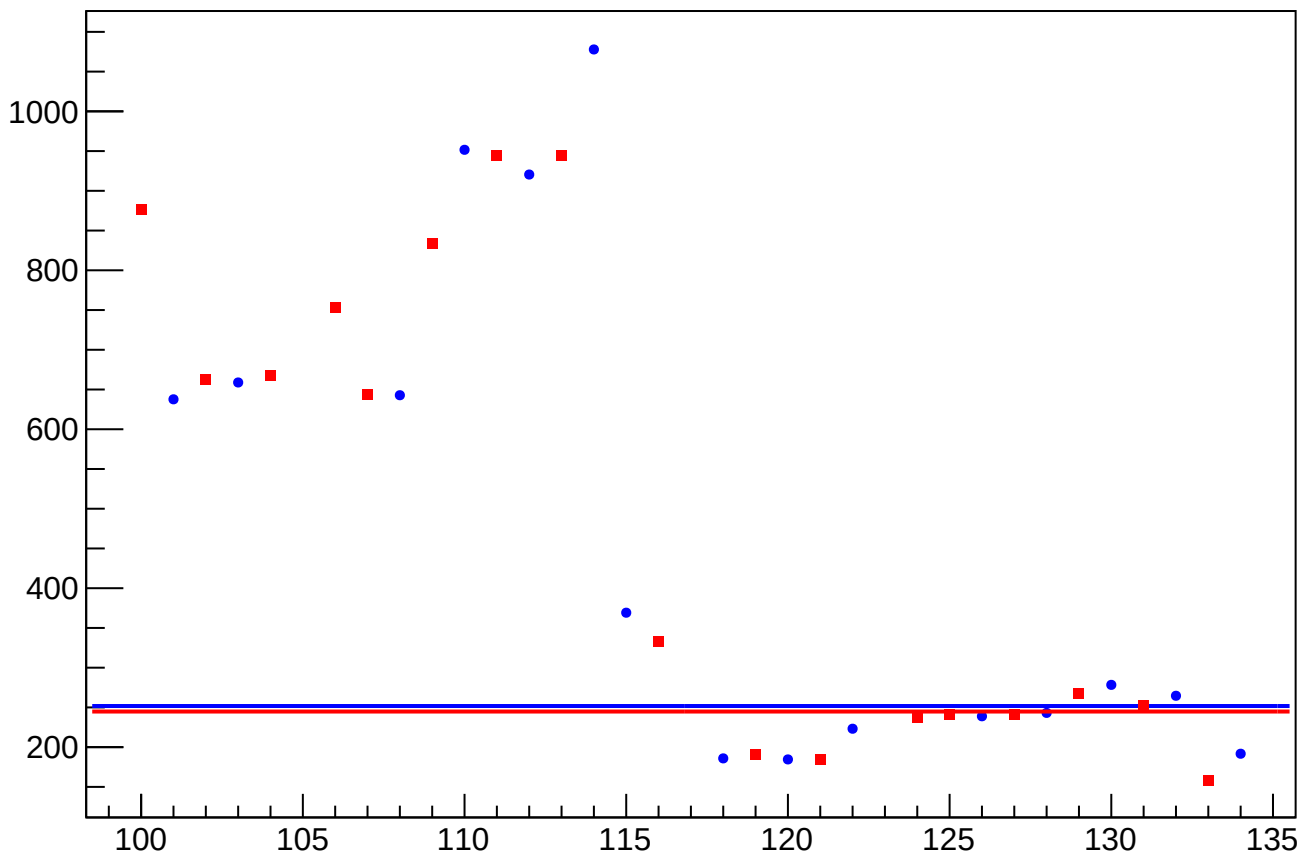
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 47.391 $\pm$ 78.550 χ^2 /NDF: 26.7/31

- 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: 244.825 $\pm$ 0.078 χ^2 /NDF: 3528874.8/16

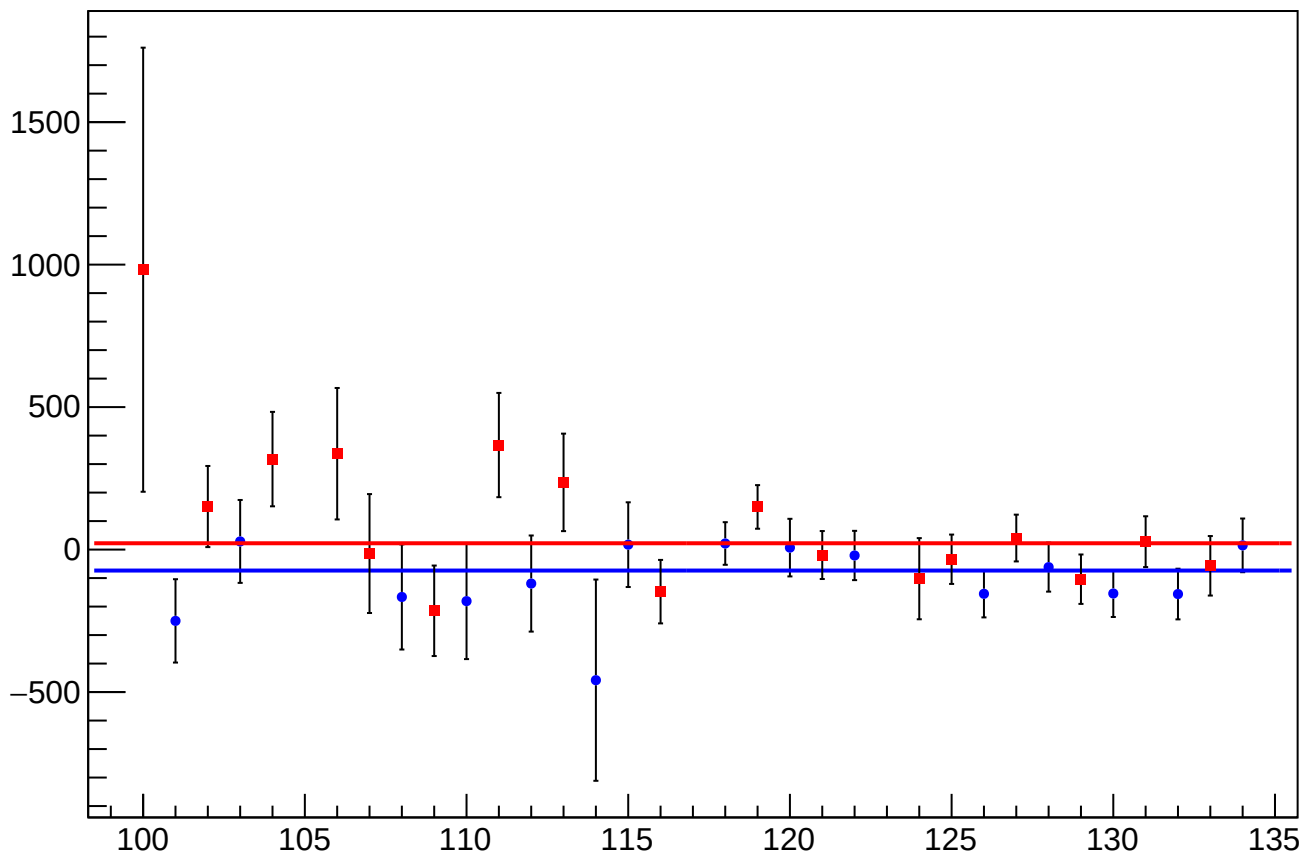
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 248.204 $\pm$ 0.056 χ^2 /NDF: 6193741.6/31

- 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: 22.193 ± 27.660 χ^2/NDF : 24.0/16

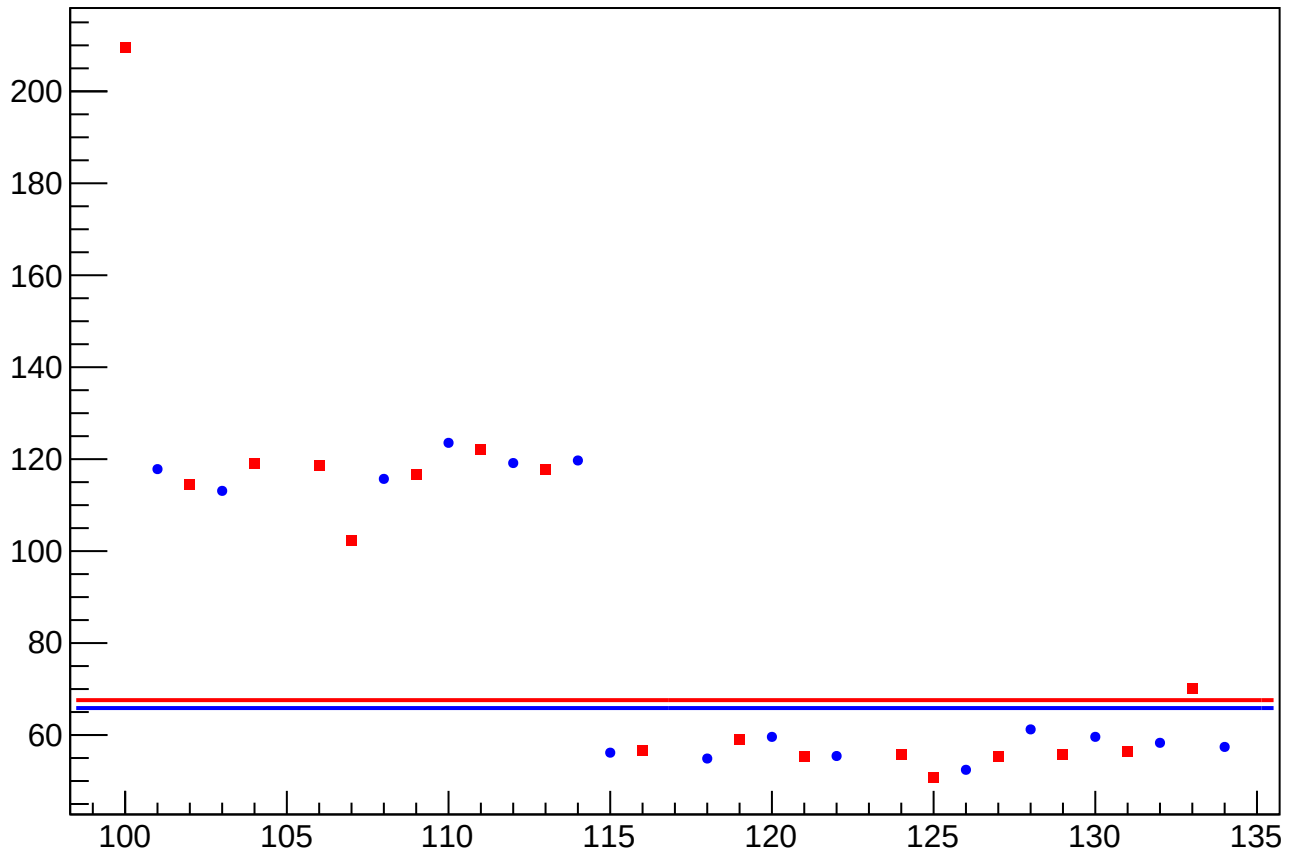
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.824 ± 19.532 χ^2/NDF : 40.4/31

- 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: 67.589 $\pm$ 0.020 χ^2 /NDF: 1461804.7/16

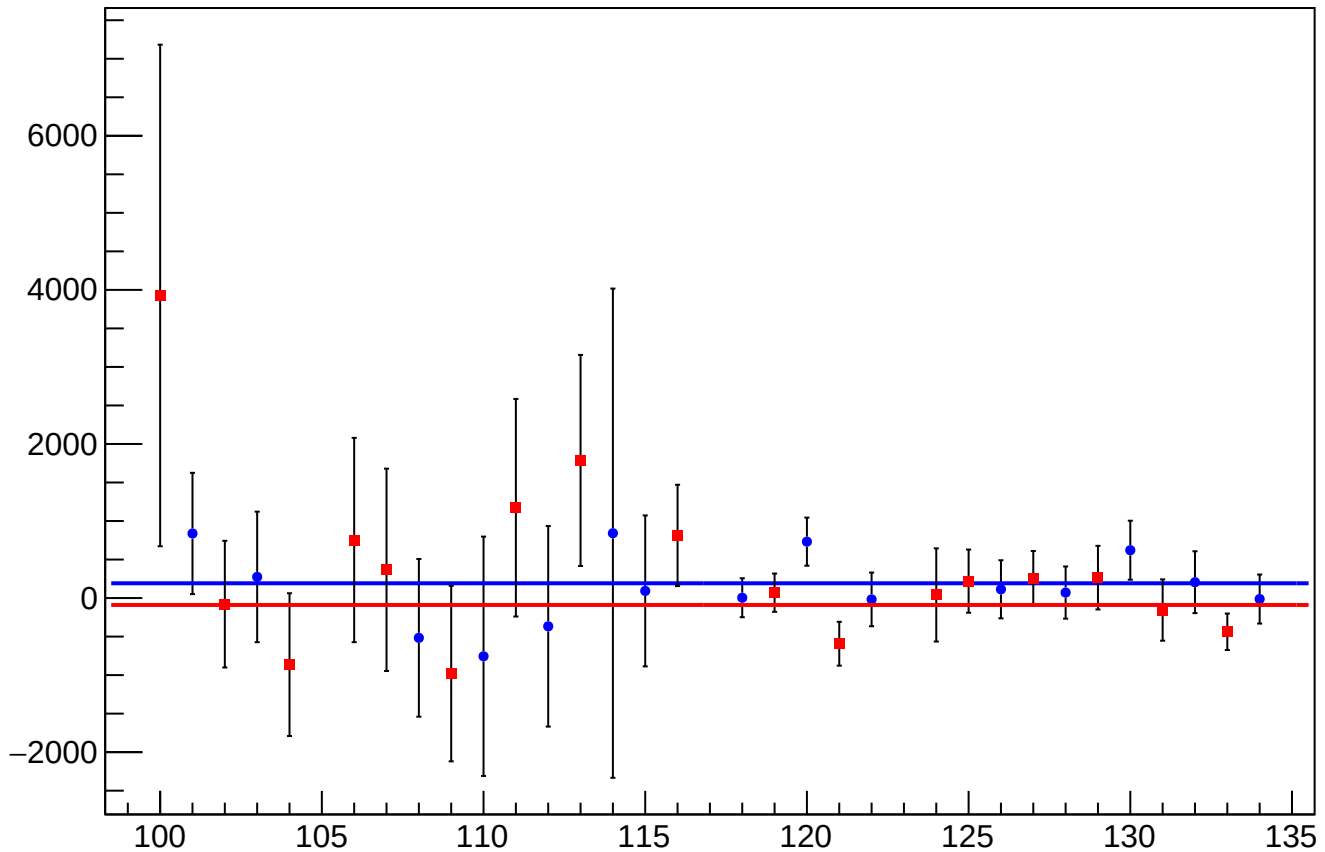
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 66.724 $\pm$ 0.014 χ^2 /NDF: 2671313.9/31

- 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: -89.621+/-109.645 χ^2/NDF : 15.9/16

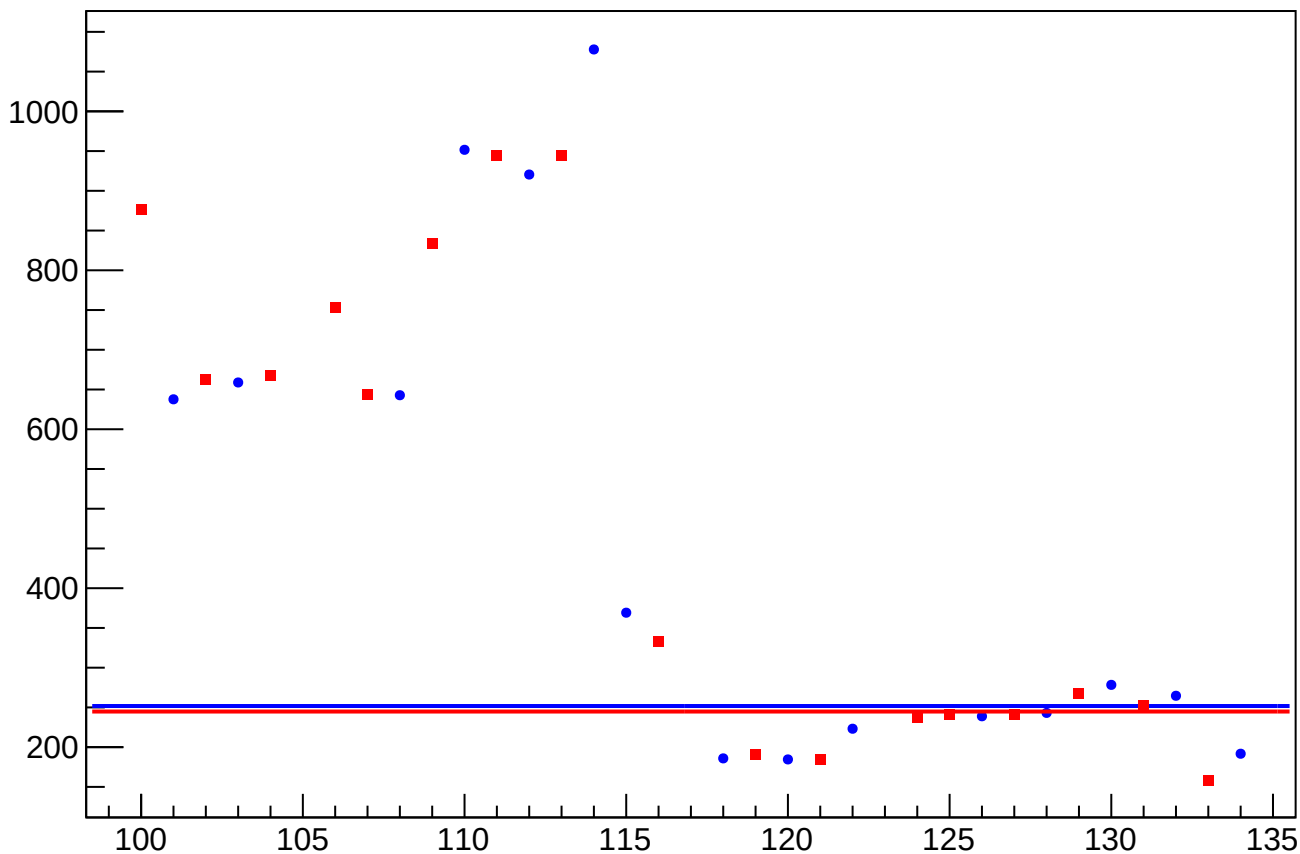
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.393+/-78.550 χ^2/NDF : 26.7/31

- 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

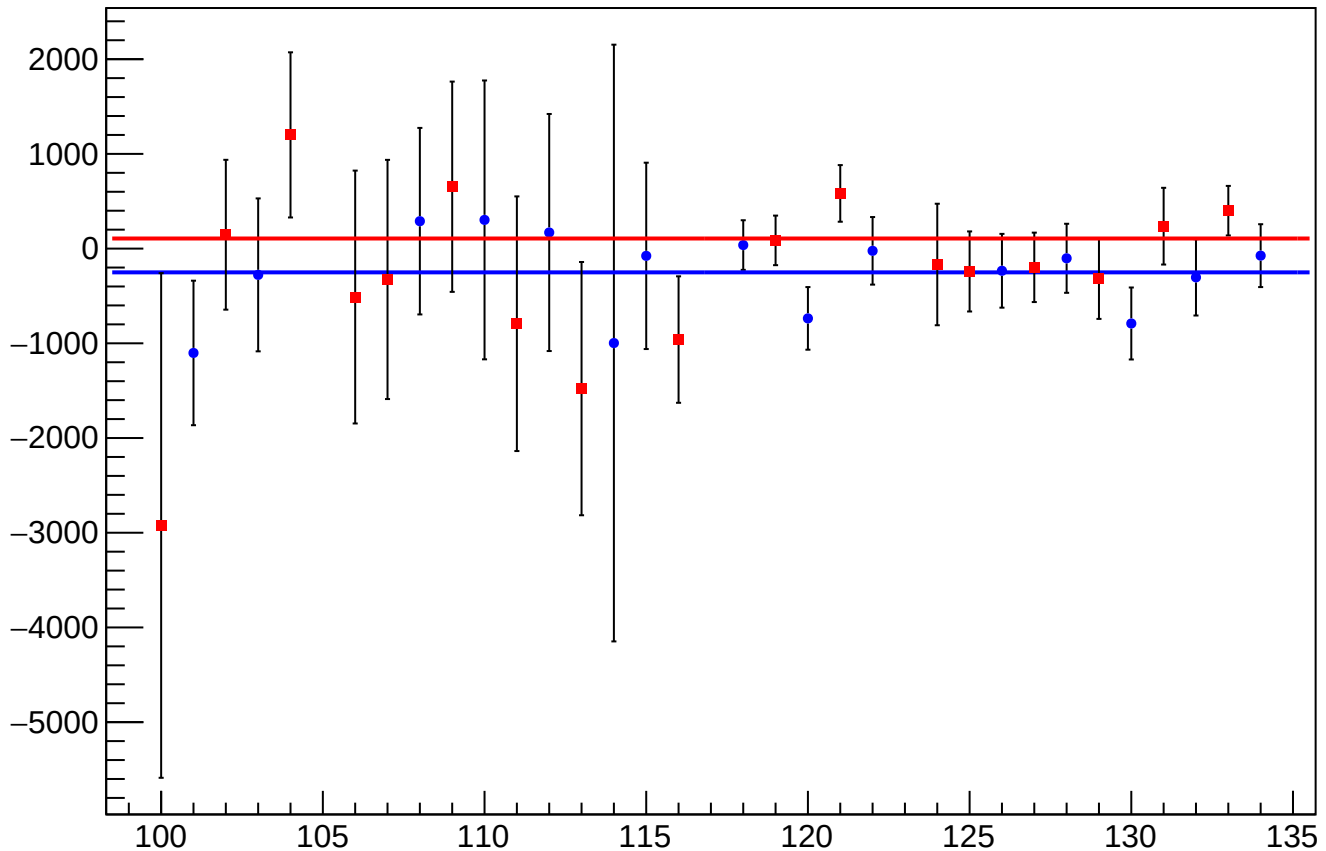
Right Out: 244.826 $\pm$ 0.078 χ^2 /NDF: 3528850.4/16

All: 248.204 $\pm$ 0.056 χ^2 /NDF: 6193705.0/31

- 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_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: 106.590 ± 114.756 χ^2/NDF : 14.3/16

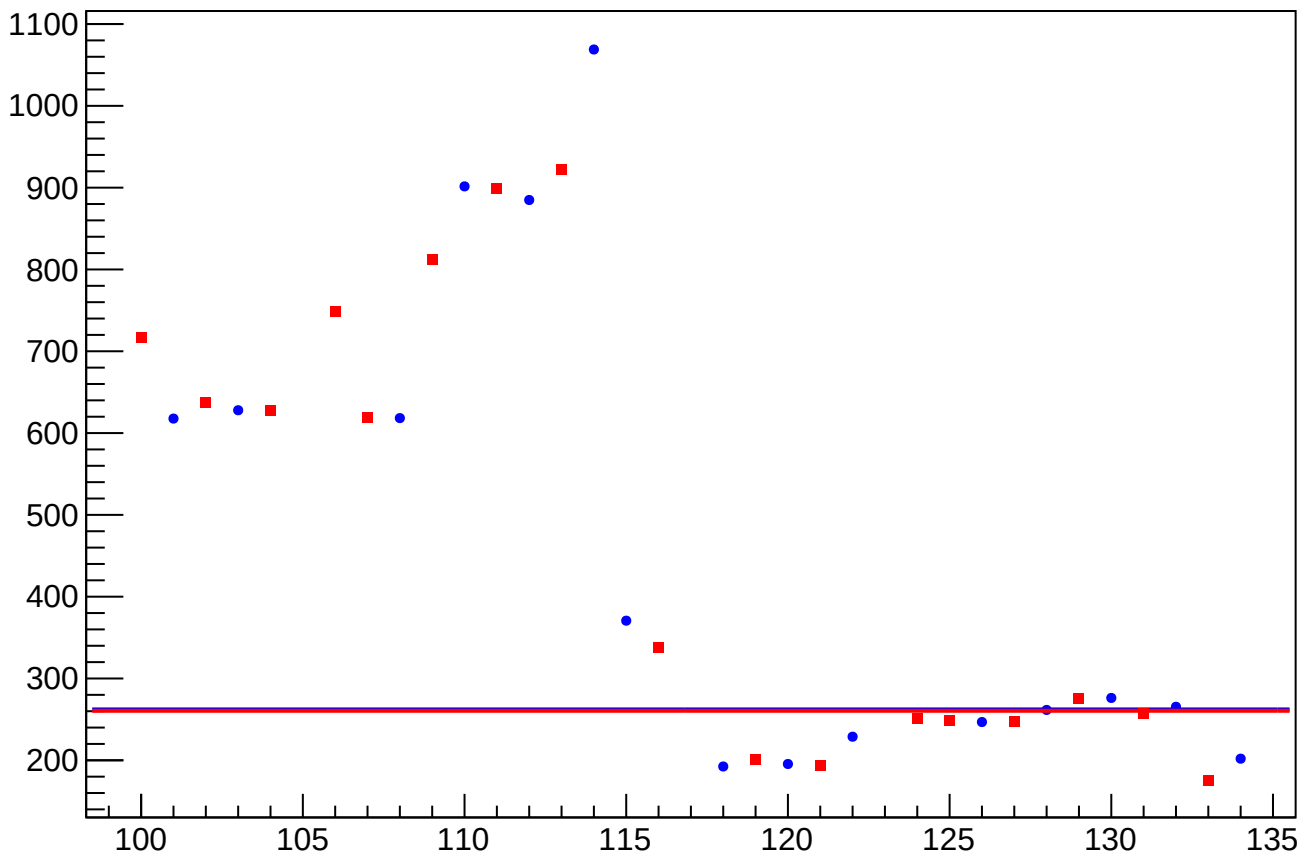
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -70.303 ± 81.564 χ^2/NDF : 27.3/31

- 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

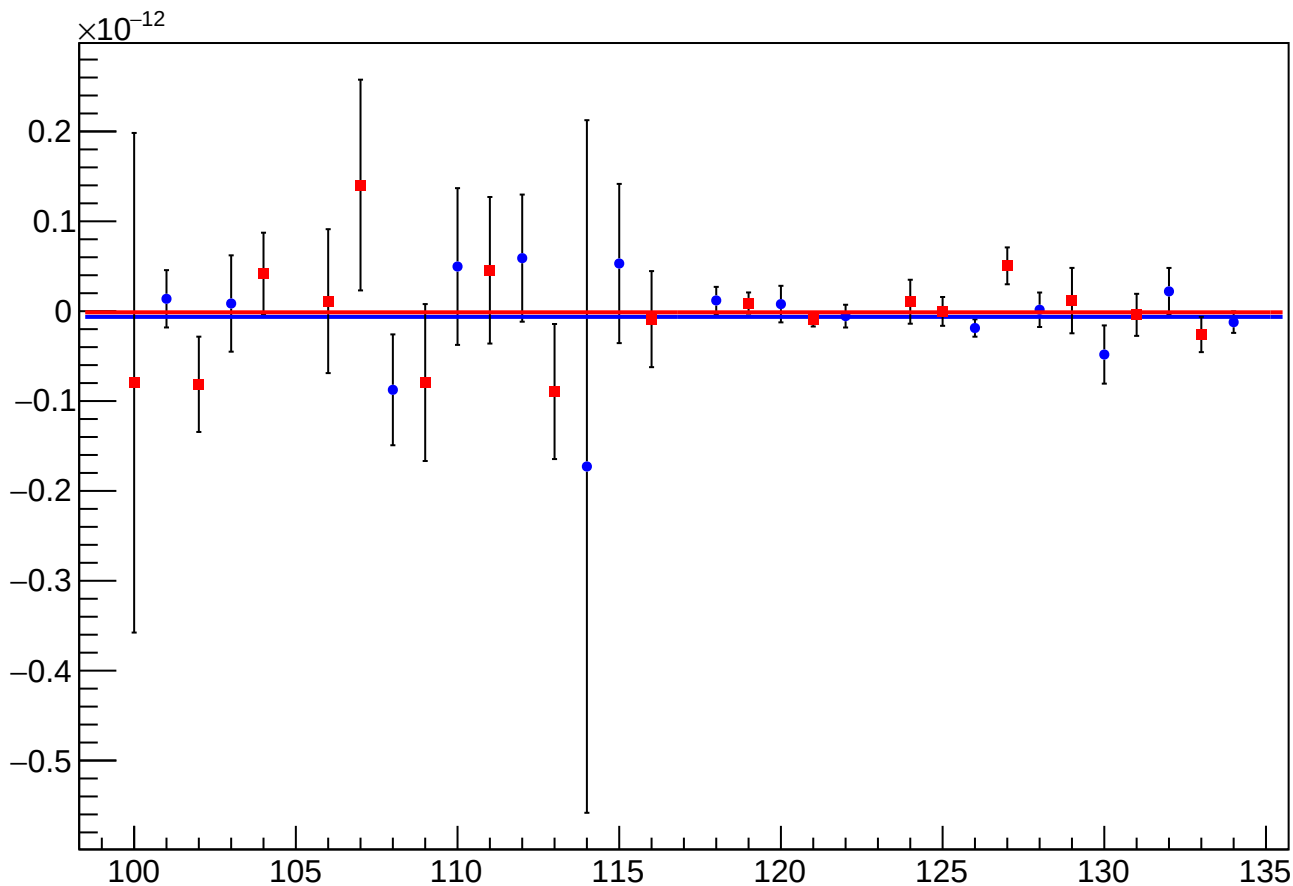
Right Out: 260.531+/-0.081 χ^2/NDF : 3178779.3/16

All: 261.347+/-0.058 χ^2/NDF : 5625719.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_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: 17.6/16

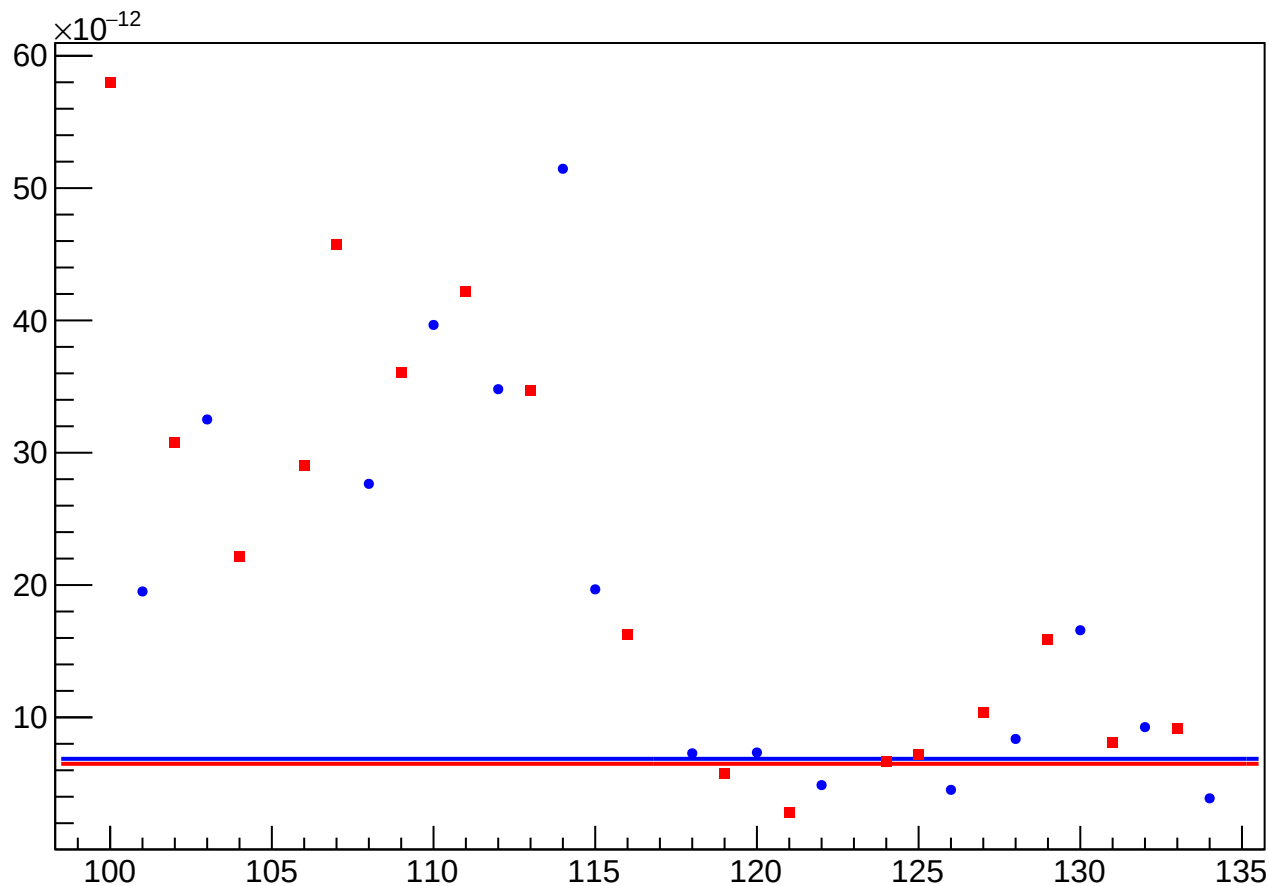
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 29.1/31

- 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 : 2813744.1/16

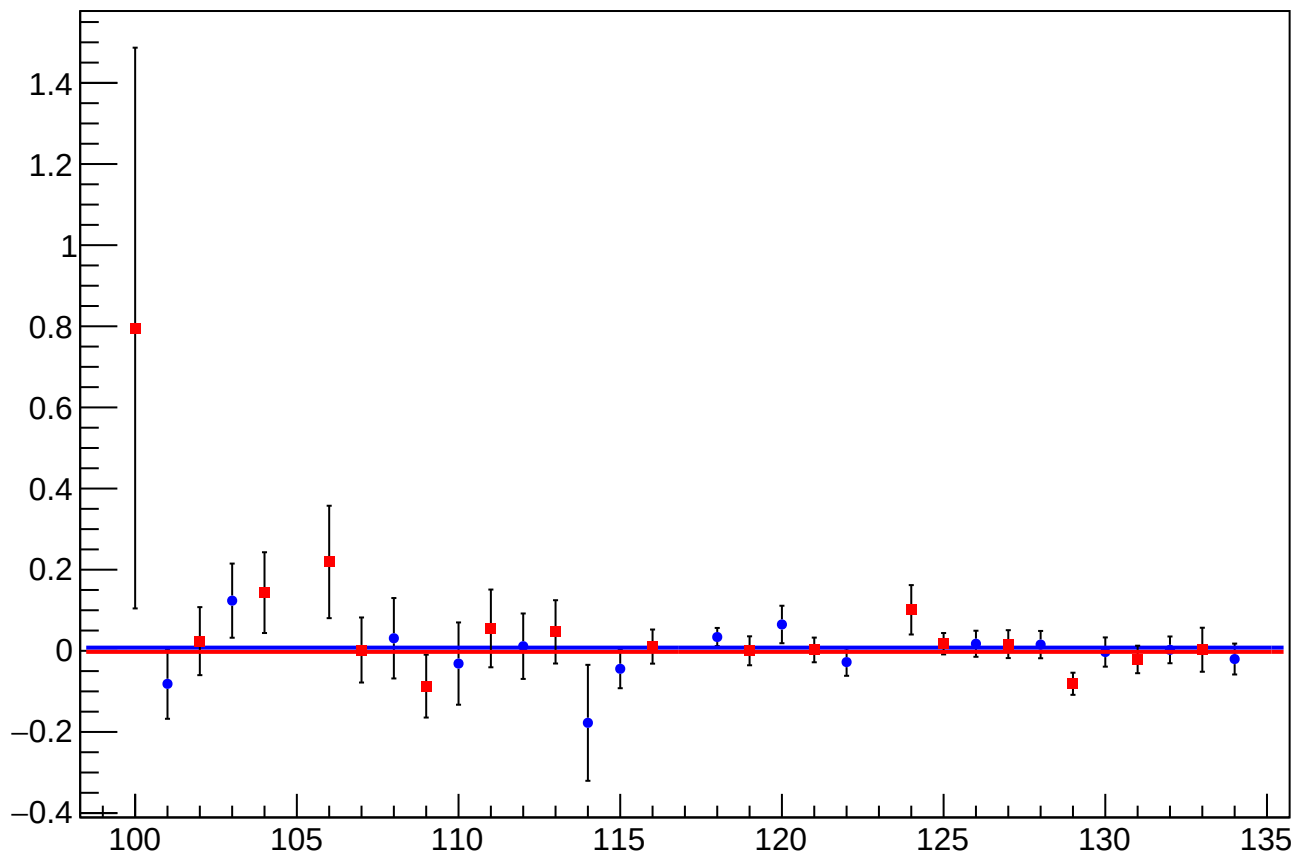
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4986263.8/31

- 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: -0.003 $\pm$ 0.011 χ^2 /NDF: 20.7/16

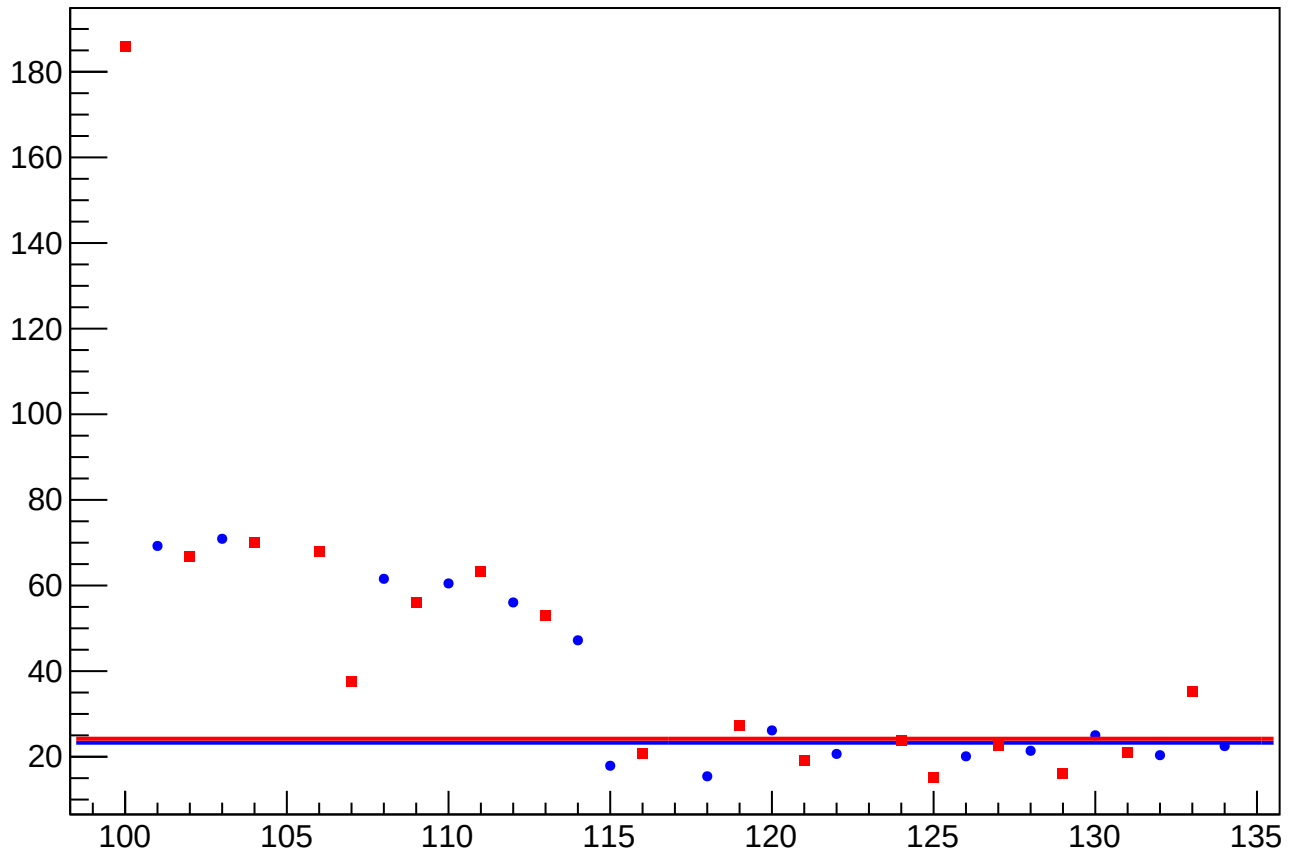
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.008 χ^2 /NDF: 31.7/31

- 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: 24.217+/-0.008 χ^2/NDF : 2846839.3/16

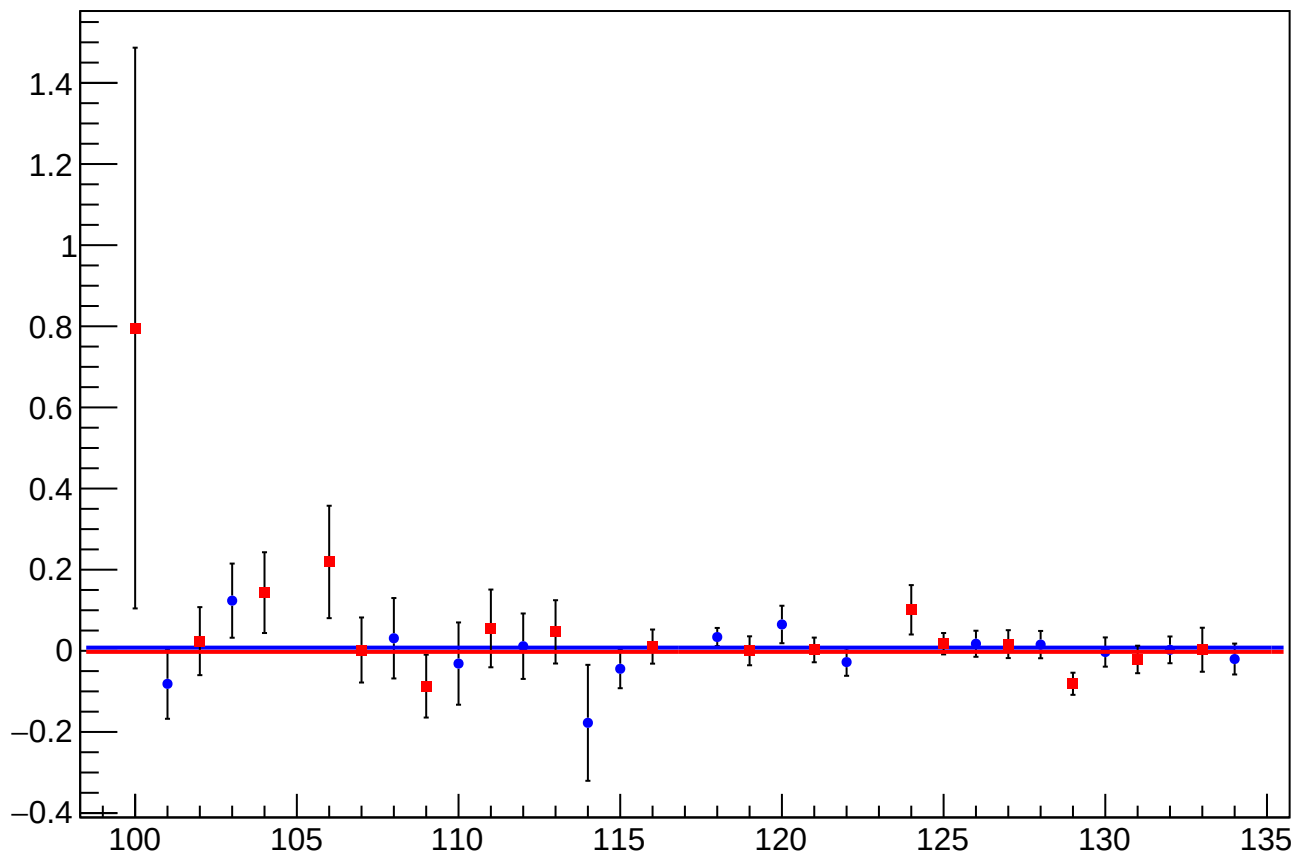
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.744+/-0.005 χ^2/NDF : 5258639.5/31

- 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 $\pm$ 0.011 χ^2/NDF : 10.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.003 $\pm$ 0.011 χ^2/NDF : 20.7/16

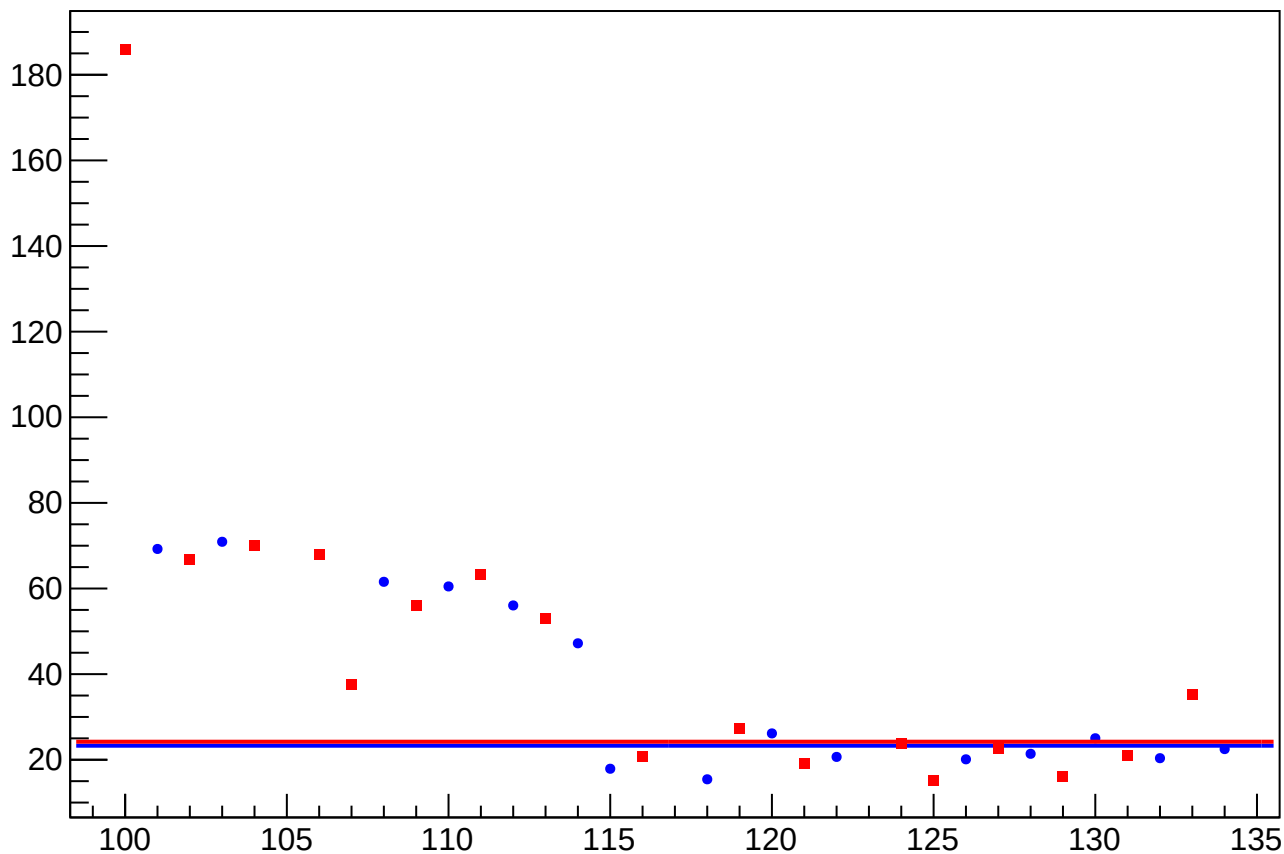
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.003 $\pm$ 0.008 χ^2/NDF : 31.7/31

- sign 0.000 $\pm$ 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: 24.217+/-0.008 χ^2/NDF : 2846839.3/16

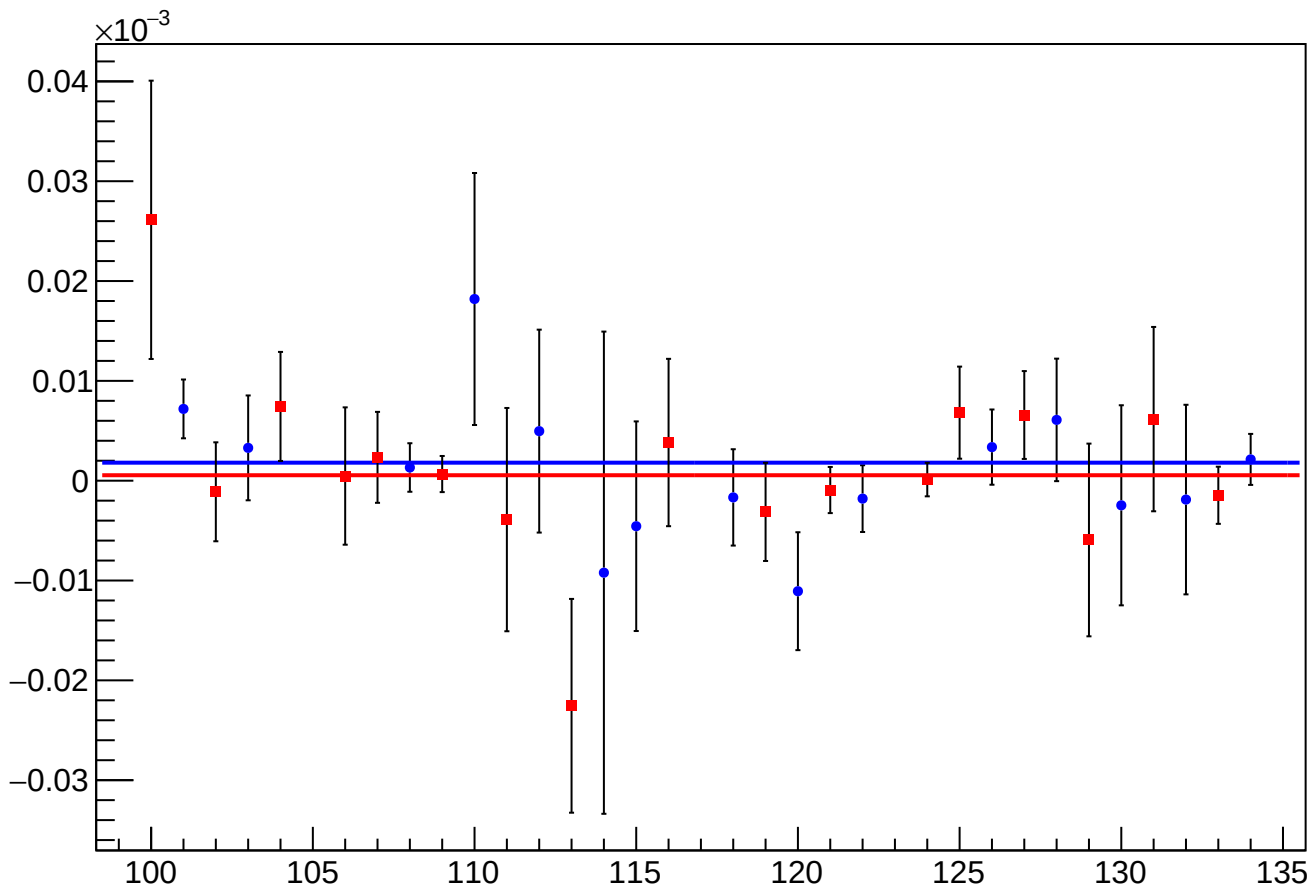
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.744+/-0.005 χ^2/NDF : 5258639.5/31

- 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: 16.3/16

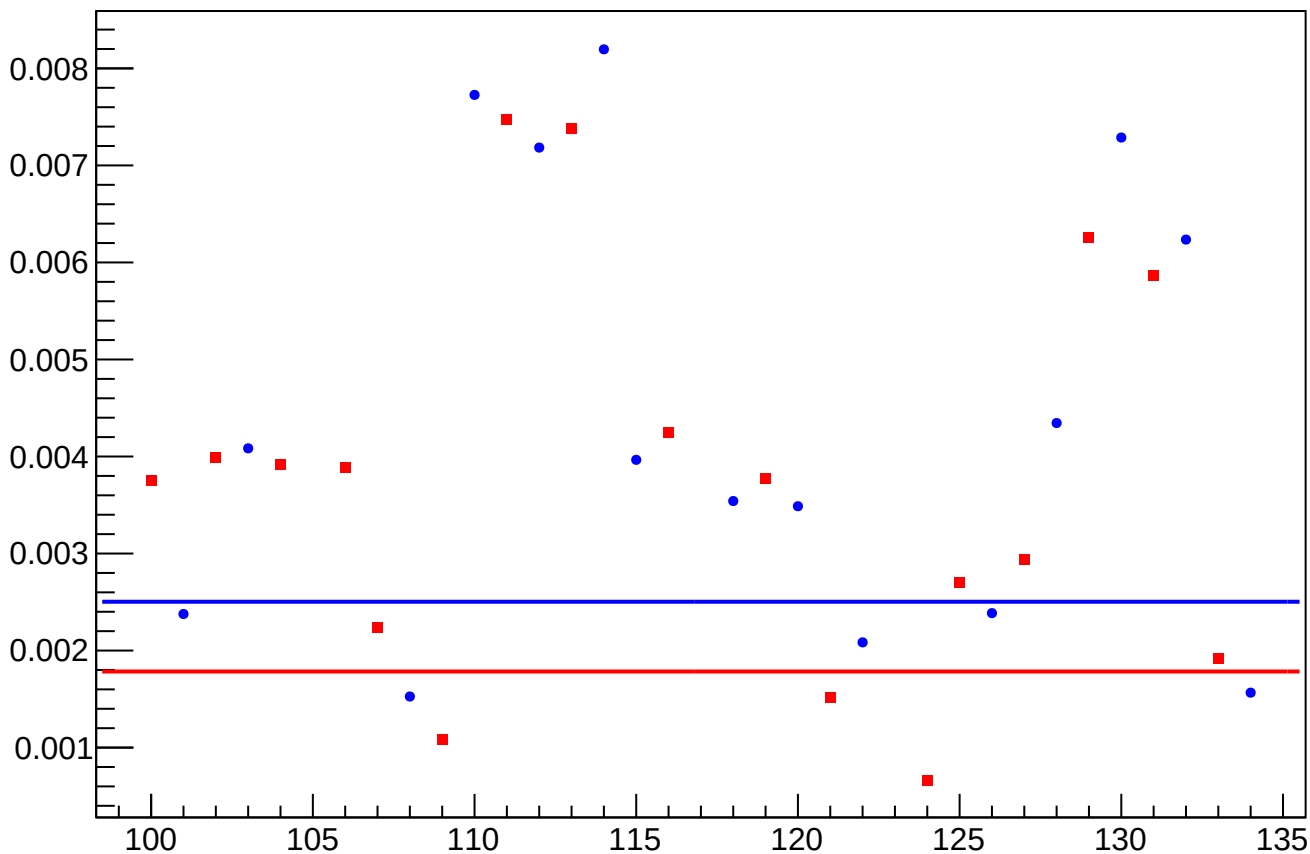
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 30.3/31

- 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: 0.002+/-0.000 χ^2/NDF : 4780651.3/16

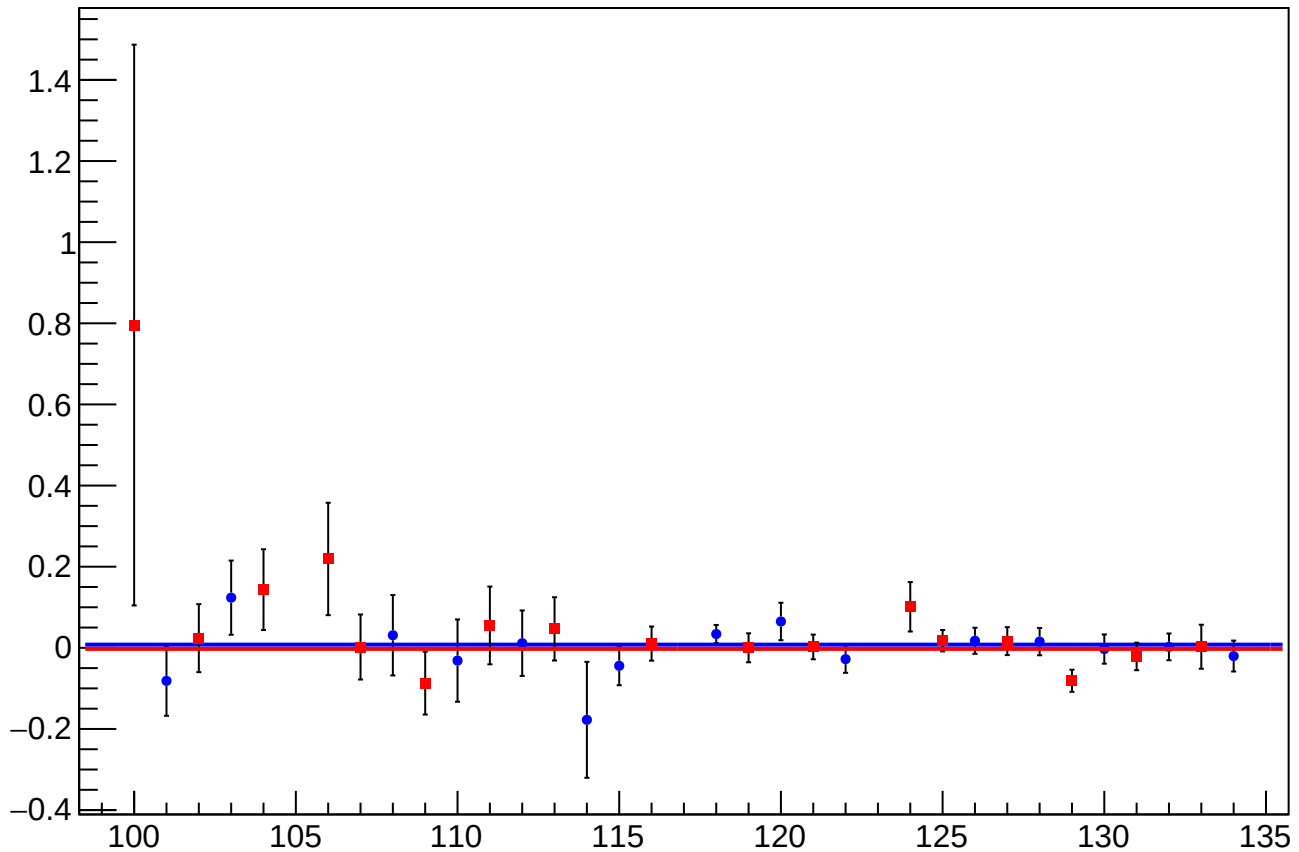
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 8106530.1/31

- 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: -0.003 $\pm$ 0.011 χ^2 /NDF: 20.7/16

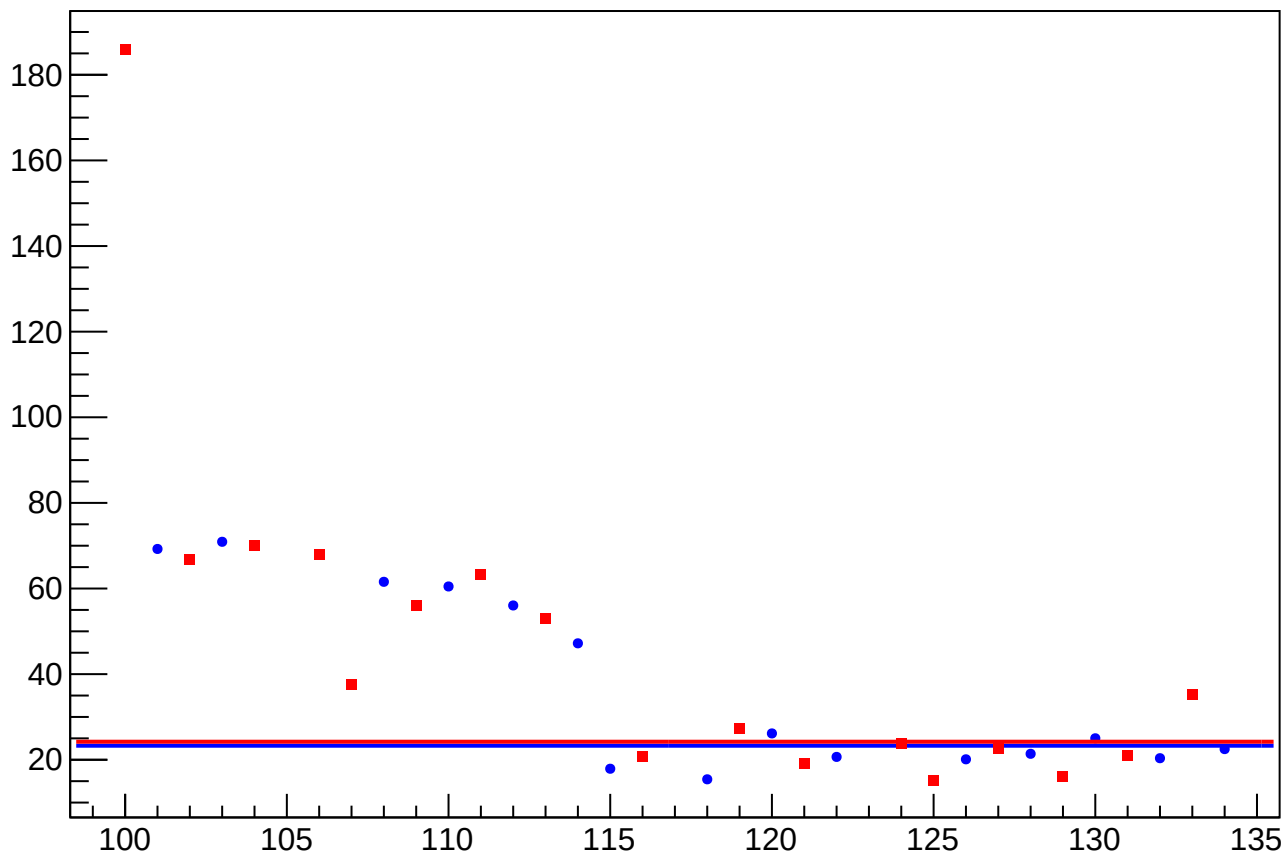
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.008 χ^2 /NDF: 31.7/31

- 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: 24.216 $\pm$ 0.008 χ^2 /NDF: 2846797.9/16

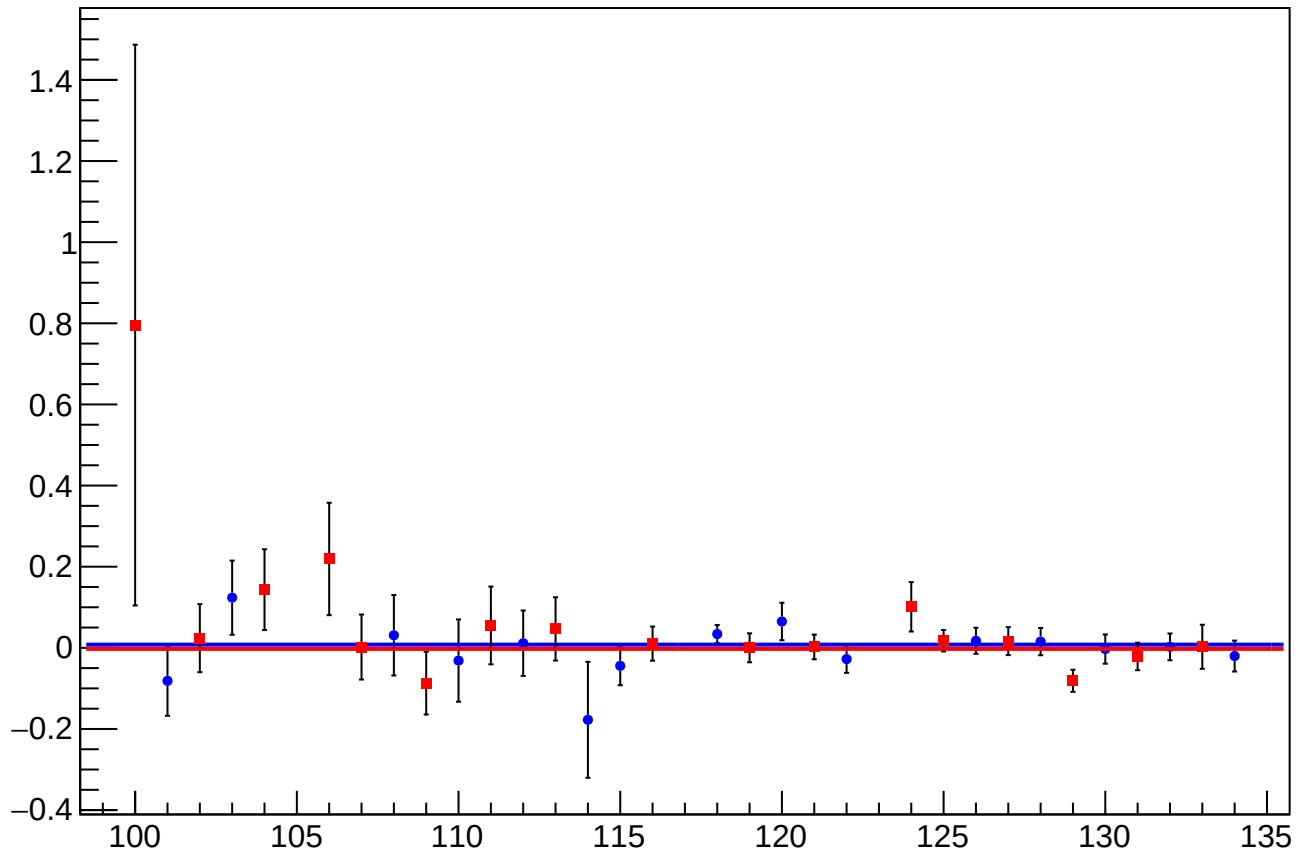
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.743 $\pm$ 0.005 χ^2 /NDF: 5258645.5/31

- 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: -0.003 $\pm$ 0.011 χ^2 /NDF: 20.7/16

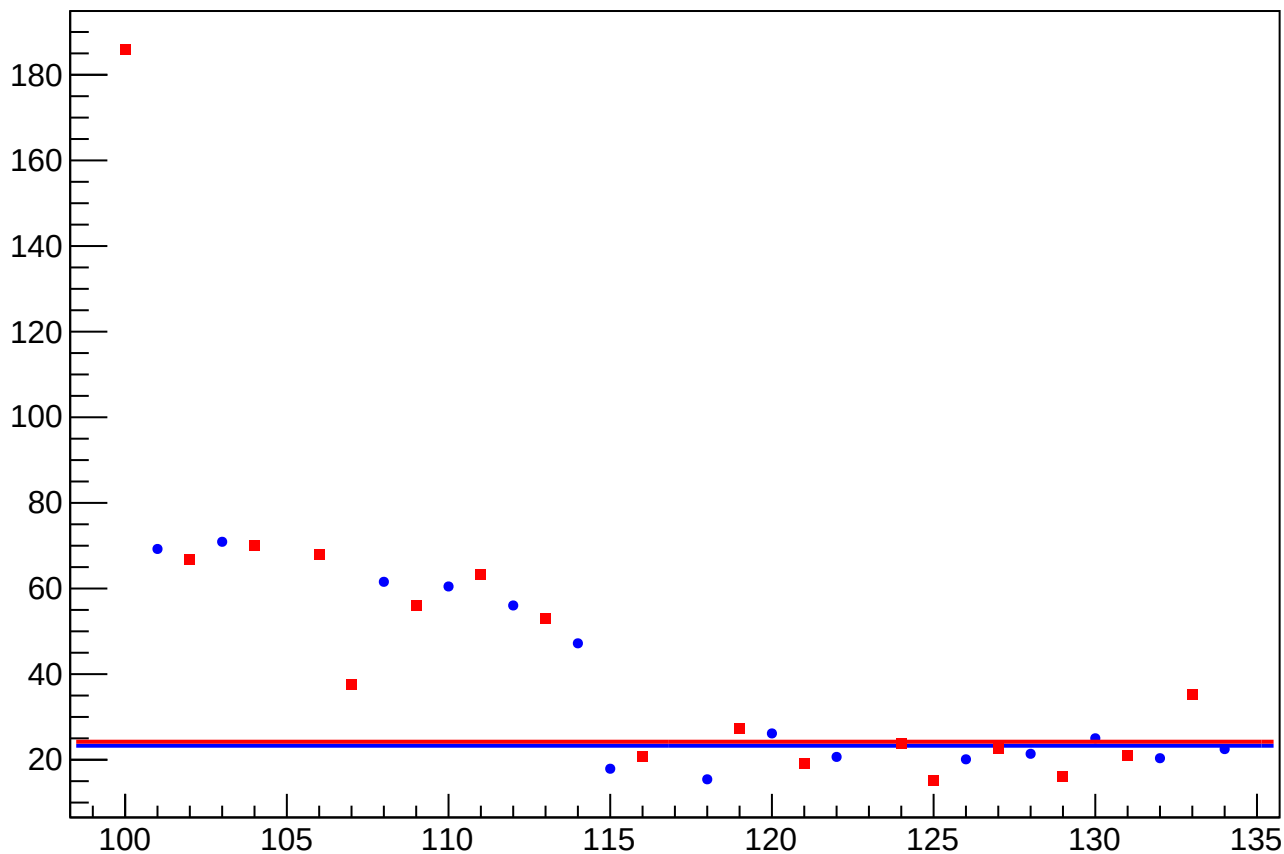
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.008 χ^2 /NDF: 31.7/31

- 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: 24.216 $\pm$ 0.008 χ^2 /NDF: 2846797.9/16

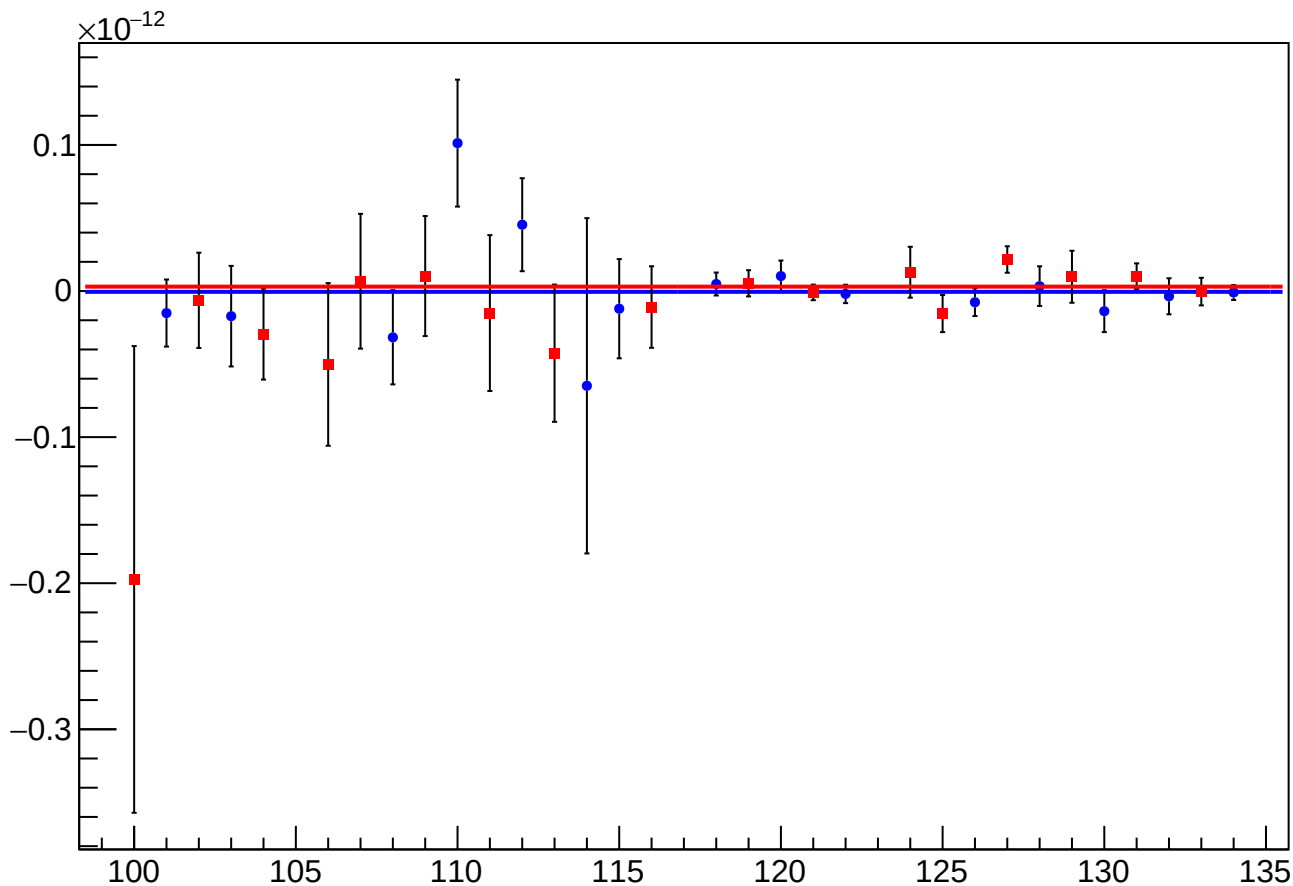
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.743 $\pm$ 0.005 χ^2 /NDF: 5258645.5/31

- 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 : 13.2/16

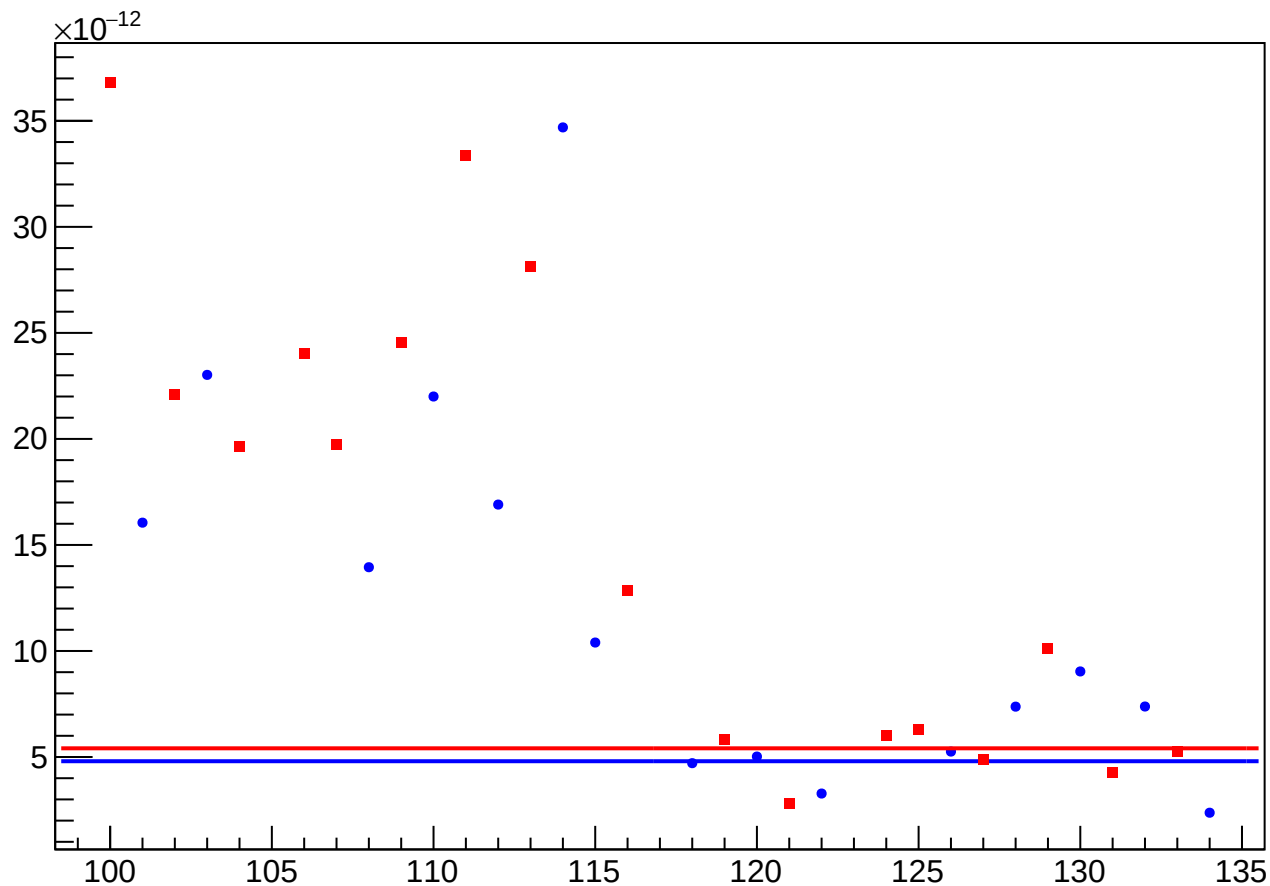
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.6/31

- 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 : 3697636.3/16

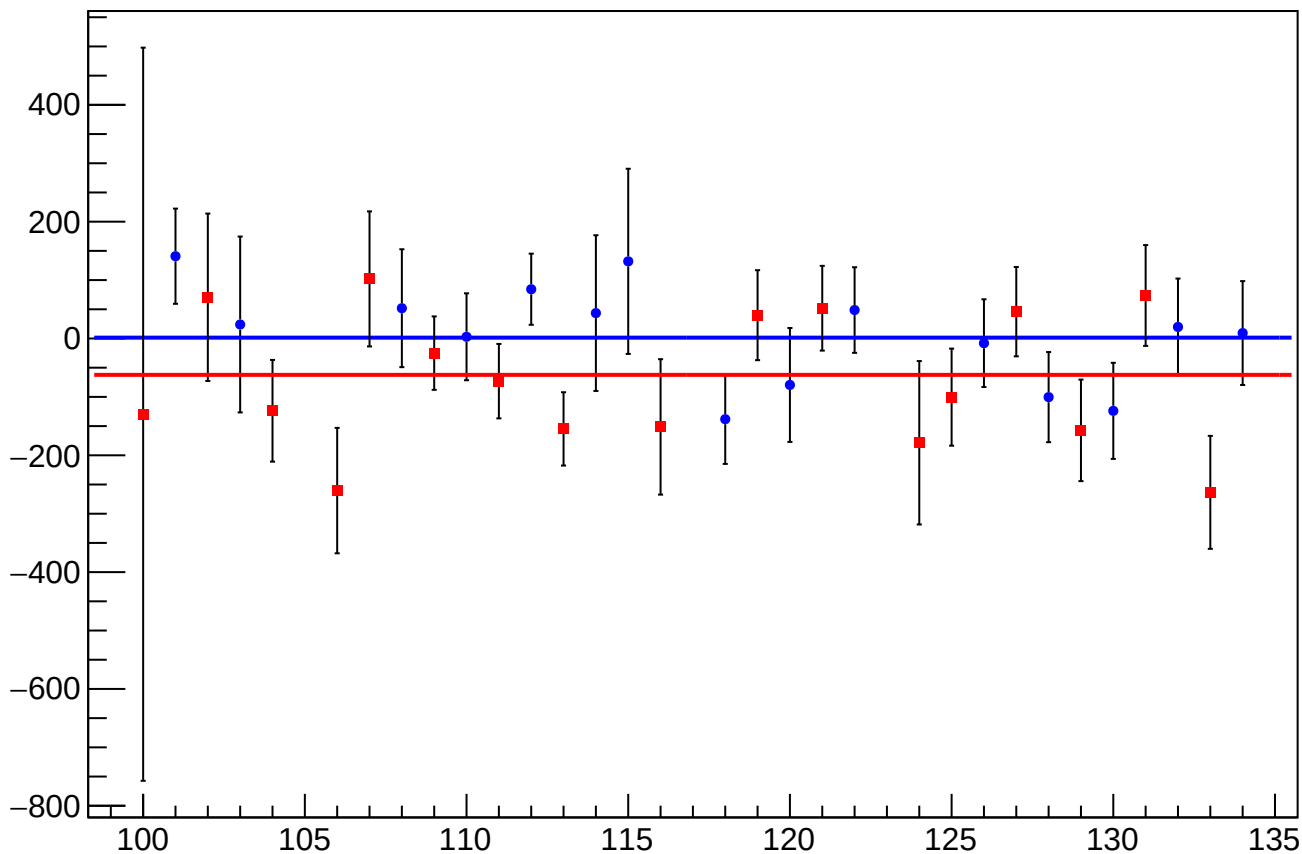
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6638228.4/31

- 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: -62.267+/-20.982 χ^2/NDF : 25.1/16

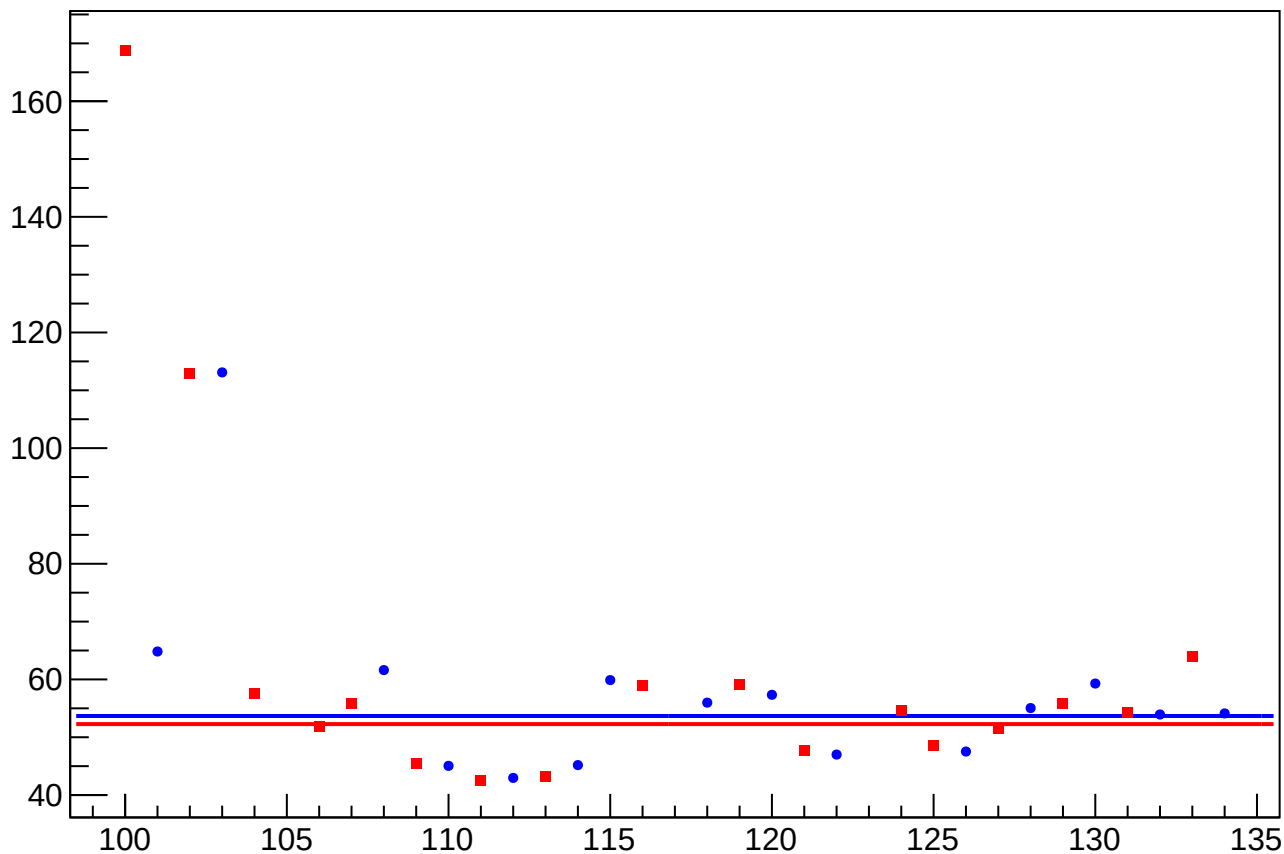
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.920+/-15.183 χ^2/NDF : 43.9/31

- 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: 52.274+/-0.015 χ^2/NDF : 617967.7/16

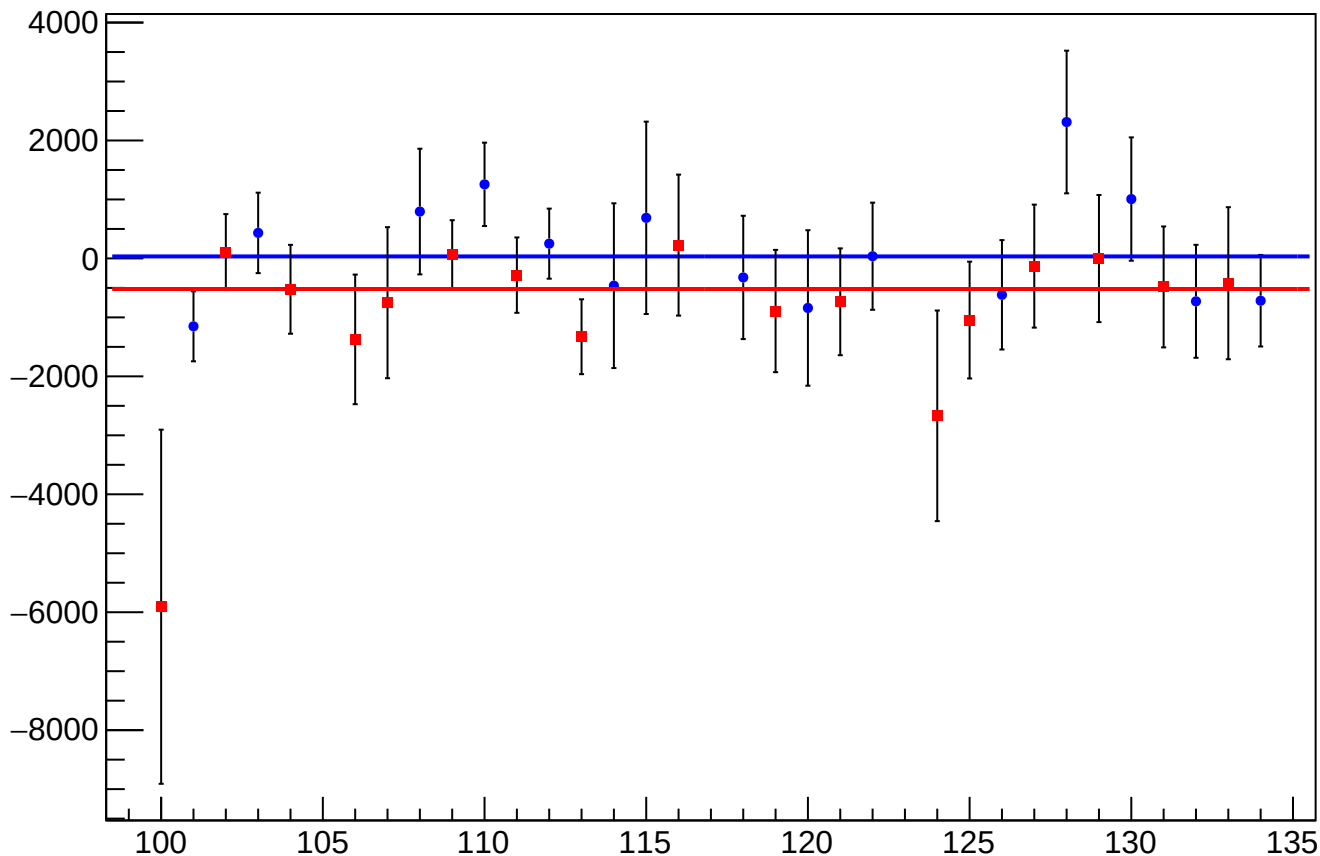
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.942+/-0.011 χ^2/NDF : 1128182.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_reg_correction_mean vs Slug



Right In: 33.904+/-224.737 χ^2/NDF : 15.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -518.616+/-217.280 χ^2/NDF : 10.3/16

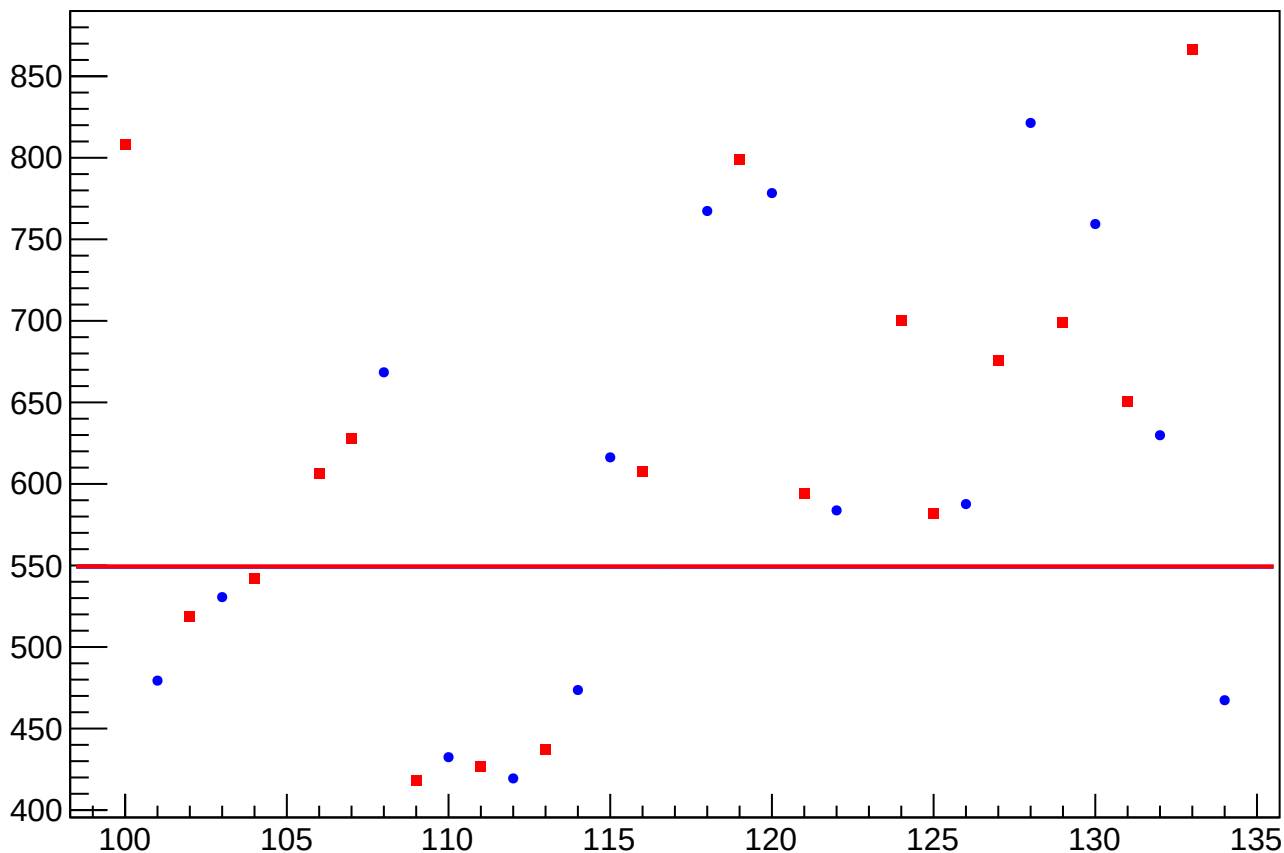
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -251.675+/-156.210 χ^2/NDF : 28.7/31

- sign 0.000+/-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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

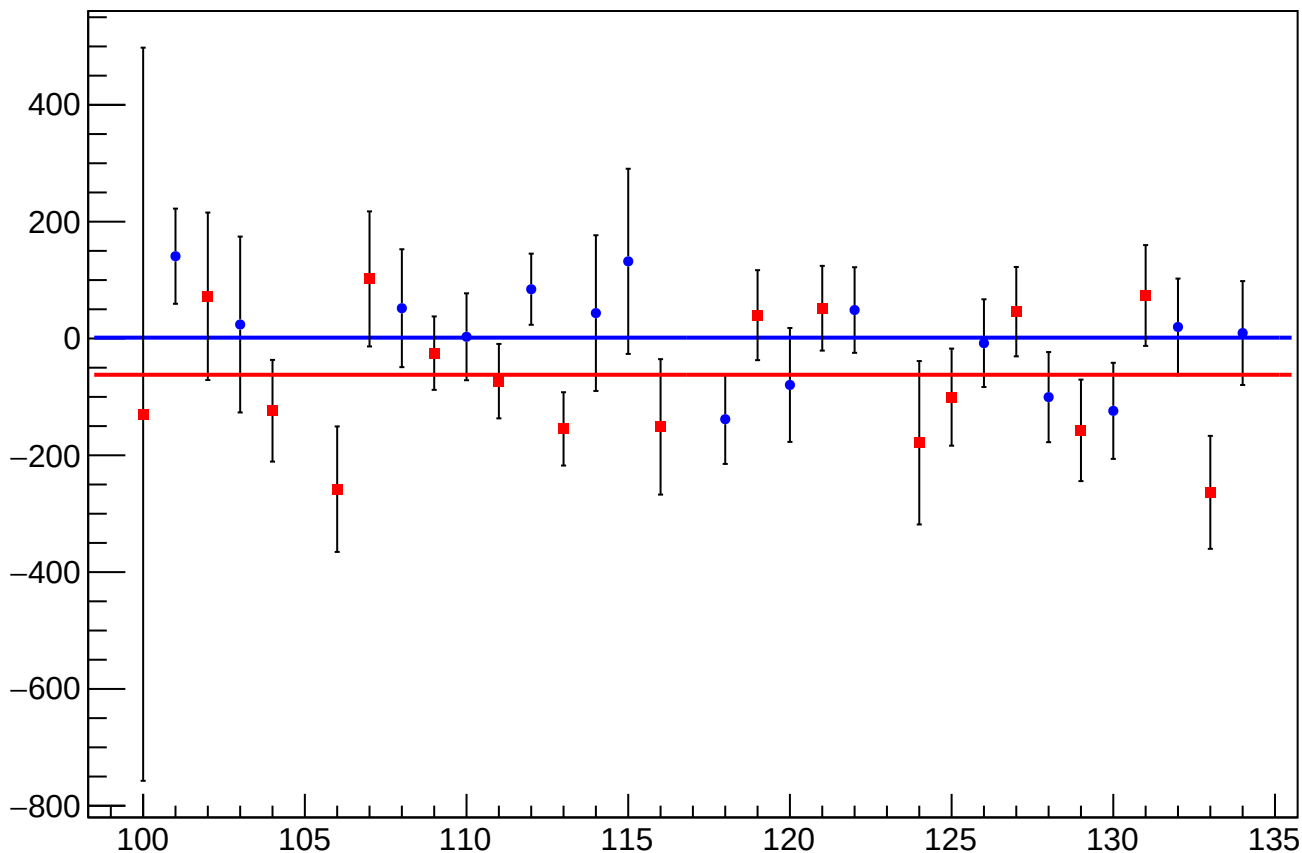
Right Out: 549.415+/-0.154 χ^2/NDF : 623033.1/16

All: 549.324+/-0.110 χ^2/NDF : 1208613.7/31

- 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_sam_1357_avg_mean vs Slug



Right In: 1.436 $\pm$ 21.999 χ^2 /NDF: 14.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -62.133 $\pm$ 20.983 χ^2 /NDF: 25.0/16

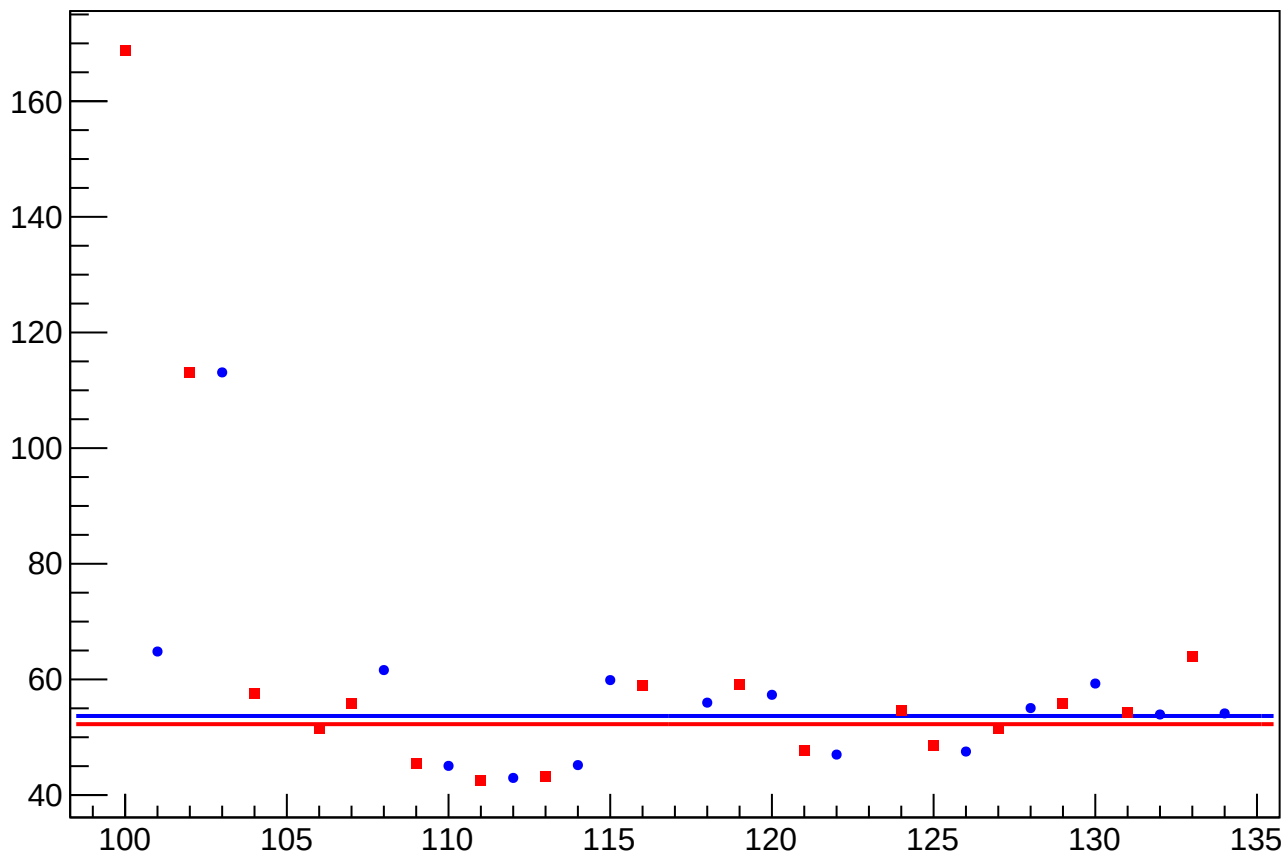
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -31.851 $\pm$ 15.184 χ^2 /NDF: 43.8/31

- sign 0.000 $\pm$ 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: 52.262+/-0.015 χ^2/NDF : 618264.8/16

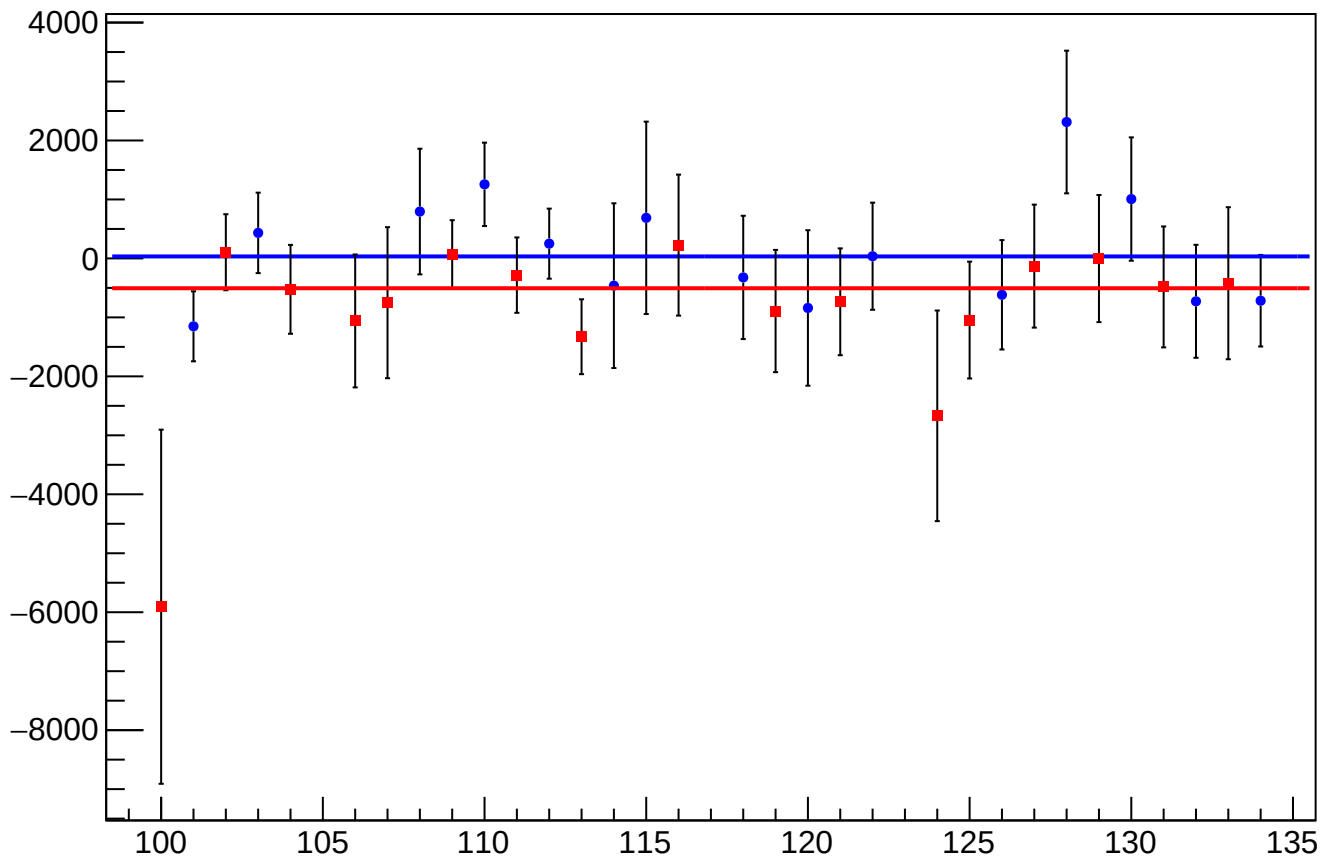
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.936+/-0.011 χ^2/NDF : 1128553.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_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: -505.848+/-217.513 χ^2 /NDF: 9.9/16

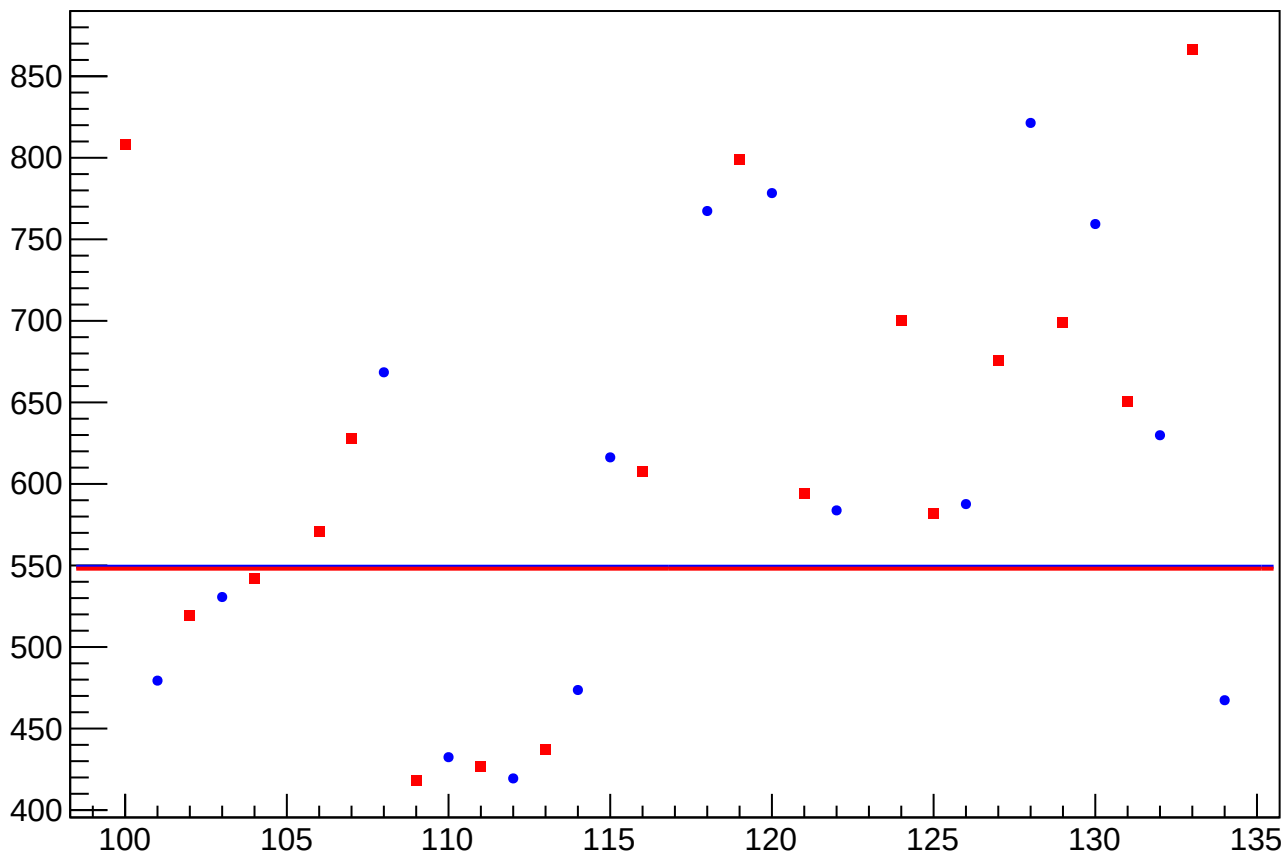
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -244.774+/-156.298 χ^2 /NDF: 28.2/31

- sign 0.000+/-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

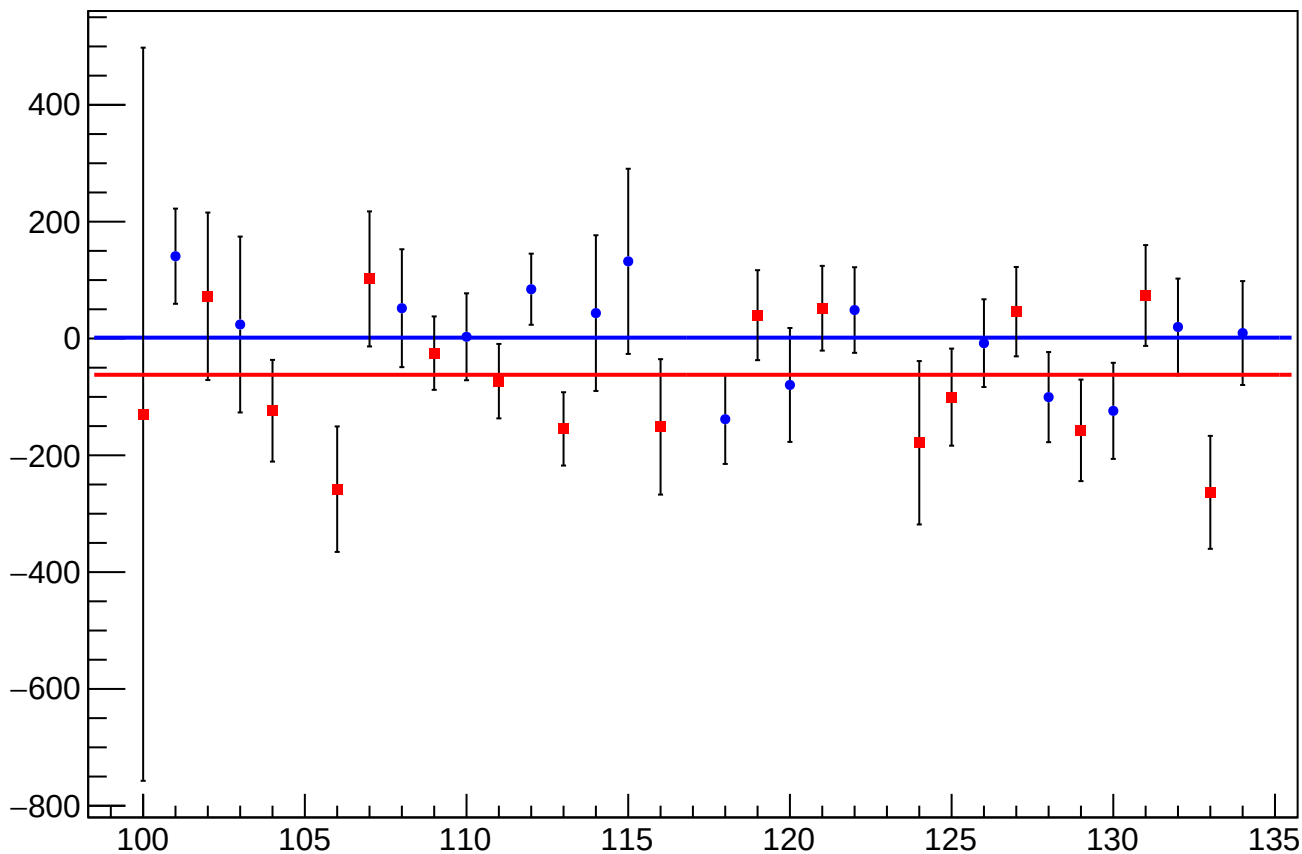
Right Out: 548.047+/-0.154 χ^2/NDF : 618187.2/16

All: 548.621+/-0.111 χ^2/NDF : 1203786.1/31

- 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_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: -62.133+/-20.983 χ^2 /NDF: 25.0/16

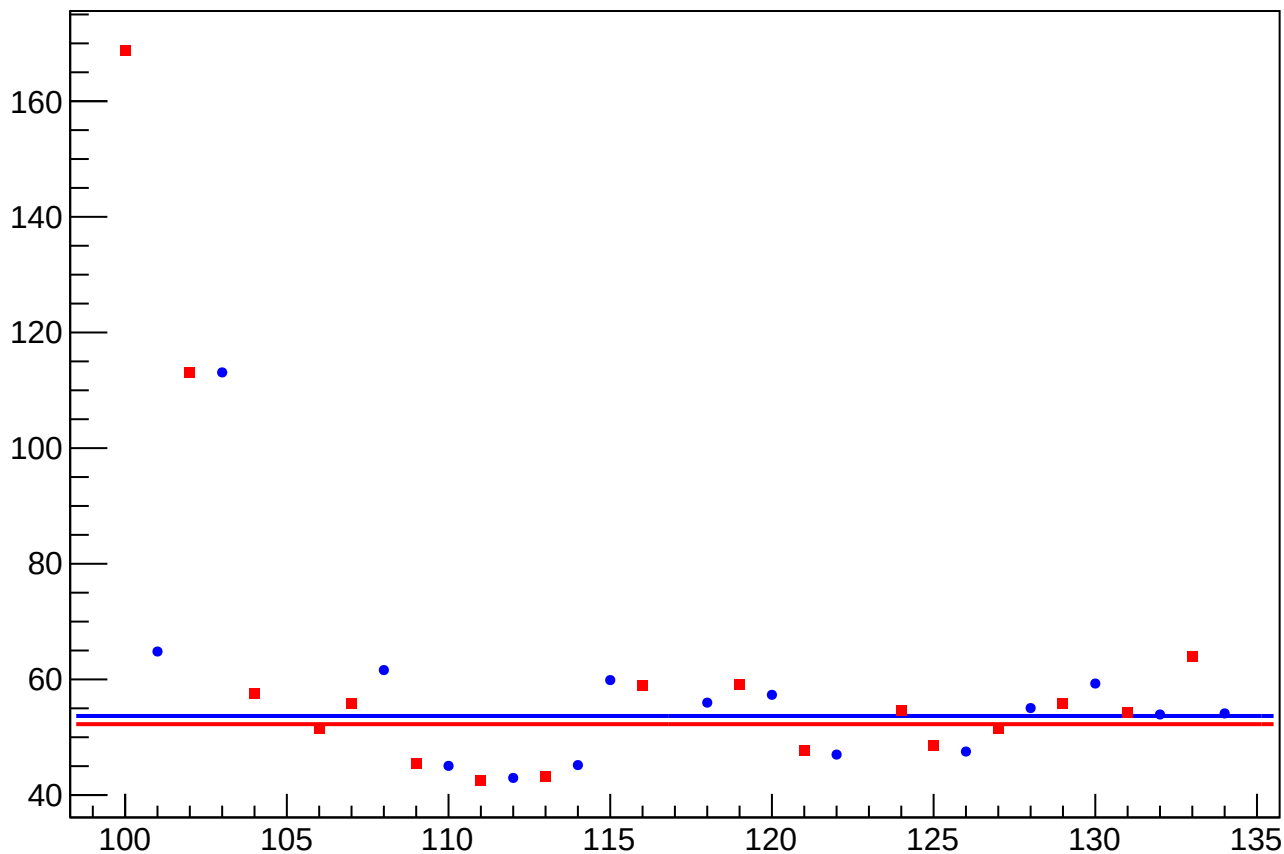
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -31.851+/-15.184 χ^2 /NDF: 43.8/31

- 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: 52.262 $\pm$ 0.015 χ^2 /NDF: 618264.8/16

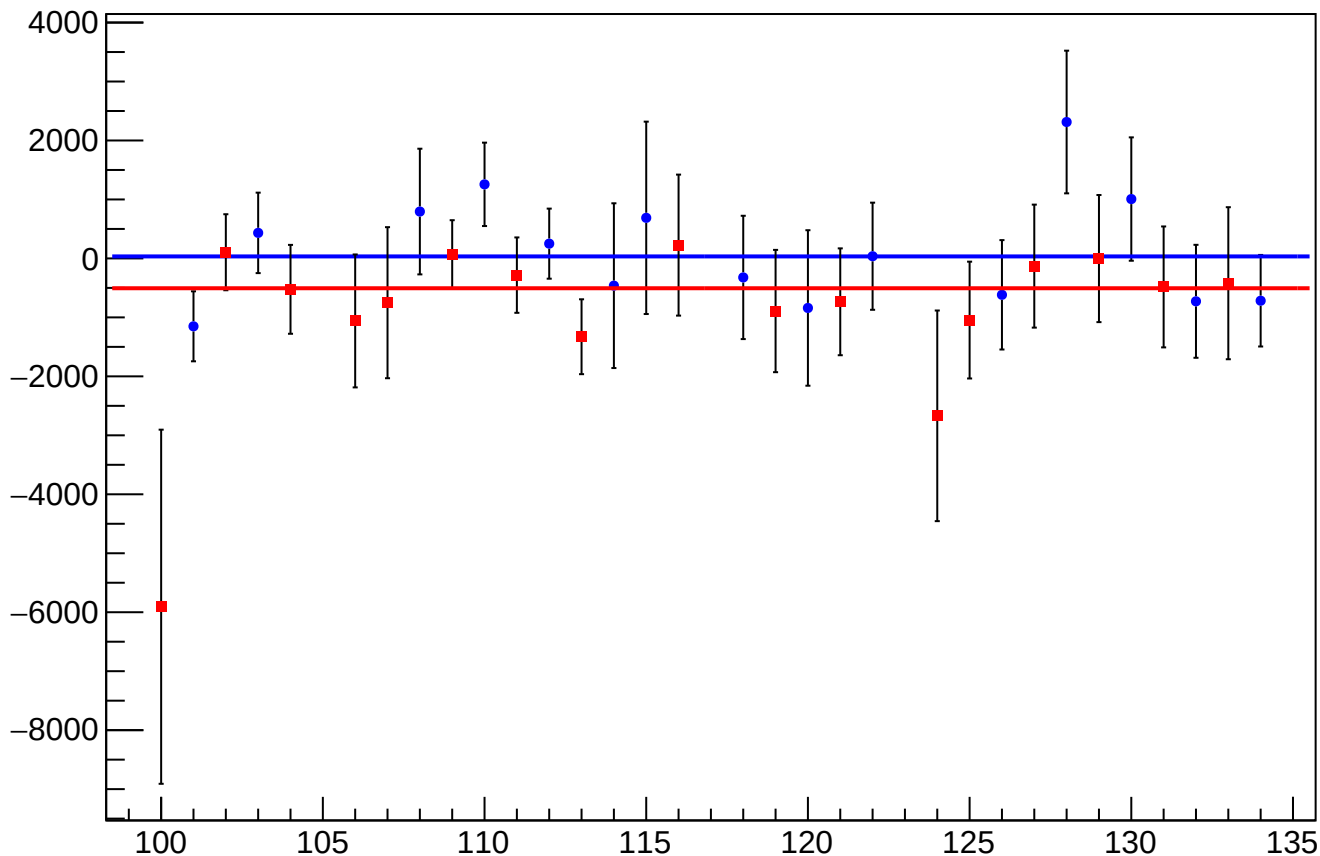
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 52.936 $\pm$ 0.011 χ^2 /NDF: 1128553.0/31

- 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: -505.848+/-217.513 χ^2 /NDF: 9.9/16

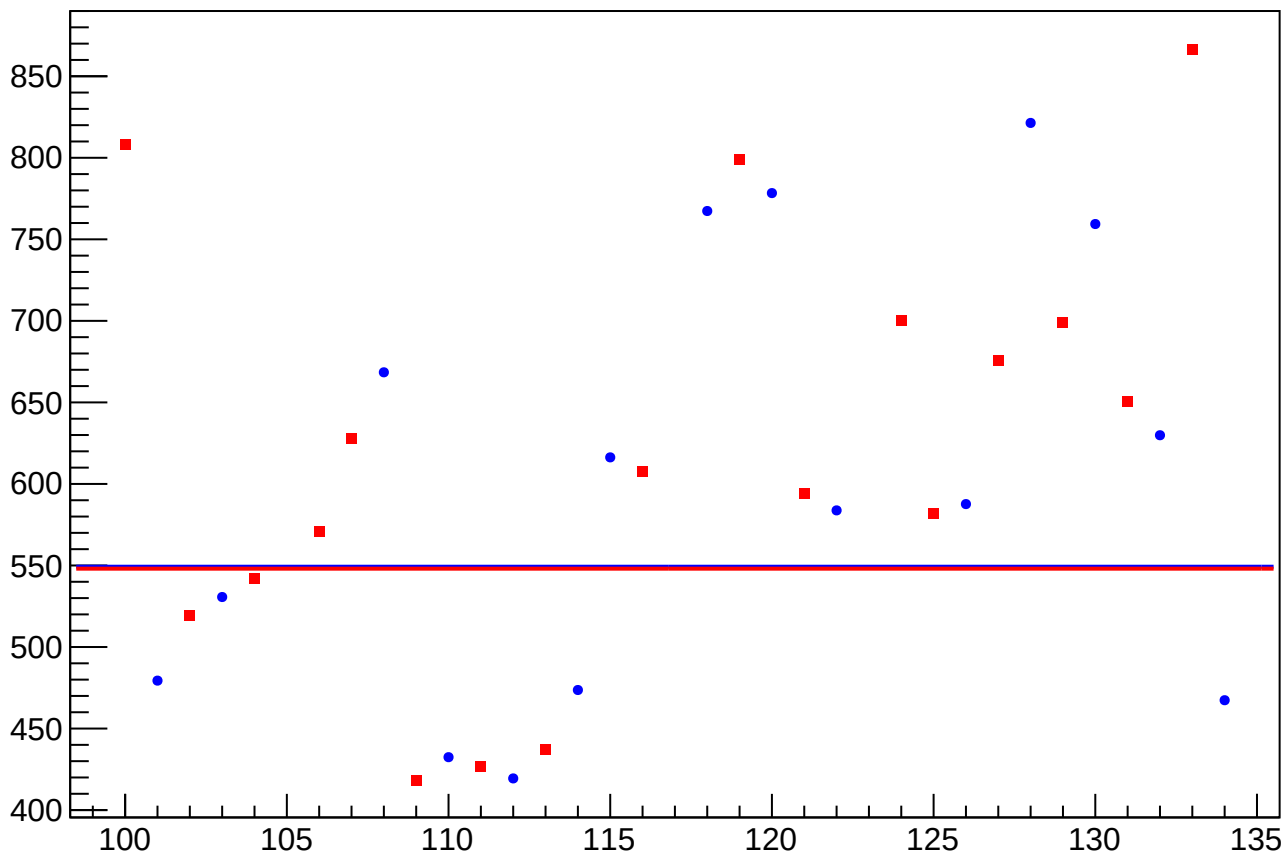
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -244.774+/-156.298 χ^2 /NDF: 28.2/31

- 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: 548.047+/-0.154 χ^2/NDF : 618187.2/16

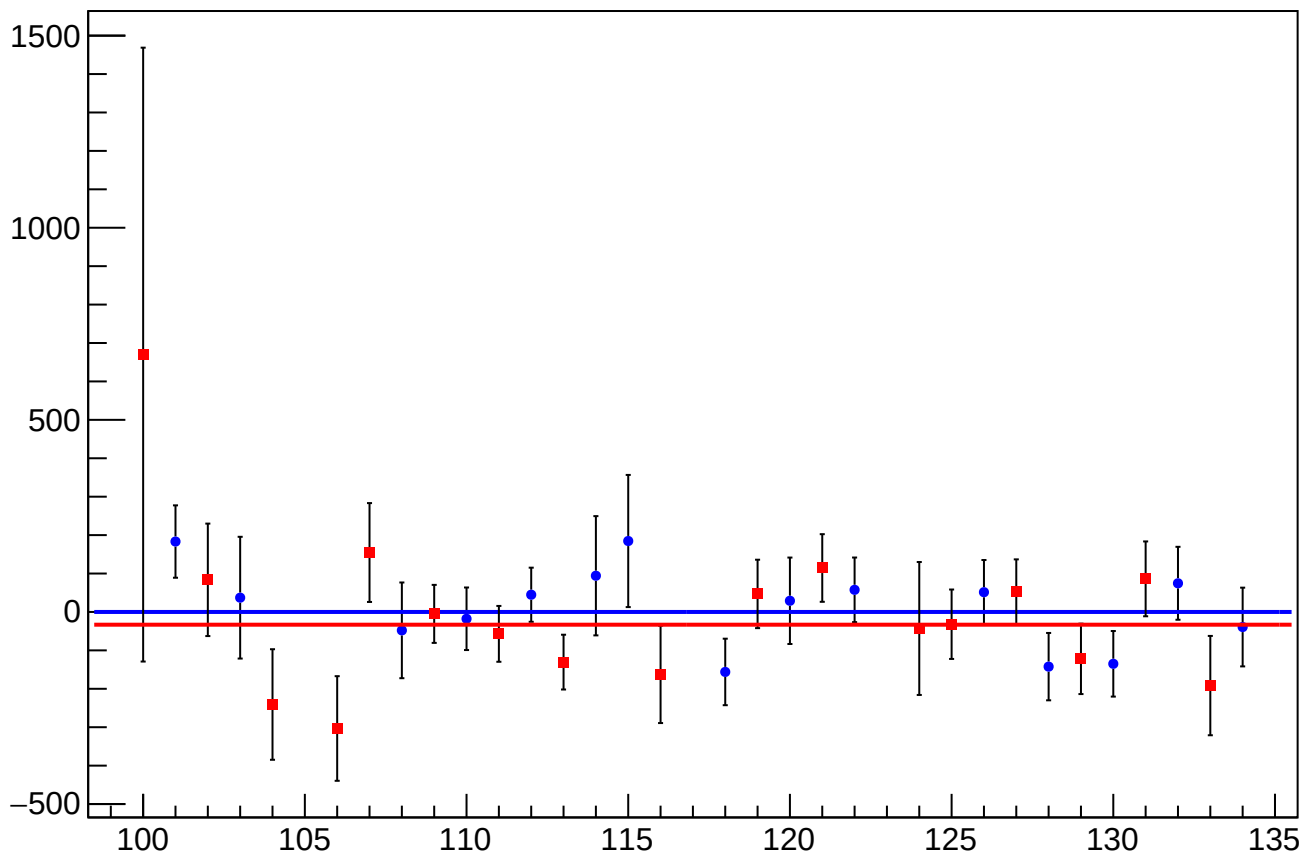
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 548.621+/-0.111 χ^2/NDF : 1203786.1/31

- 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: -33.186 ± 24.468 χ^2/NDF : 21.3/16

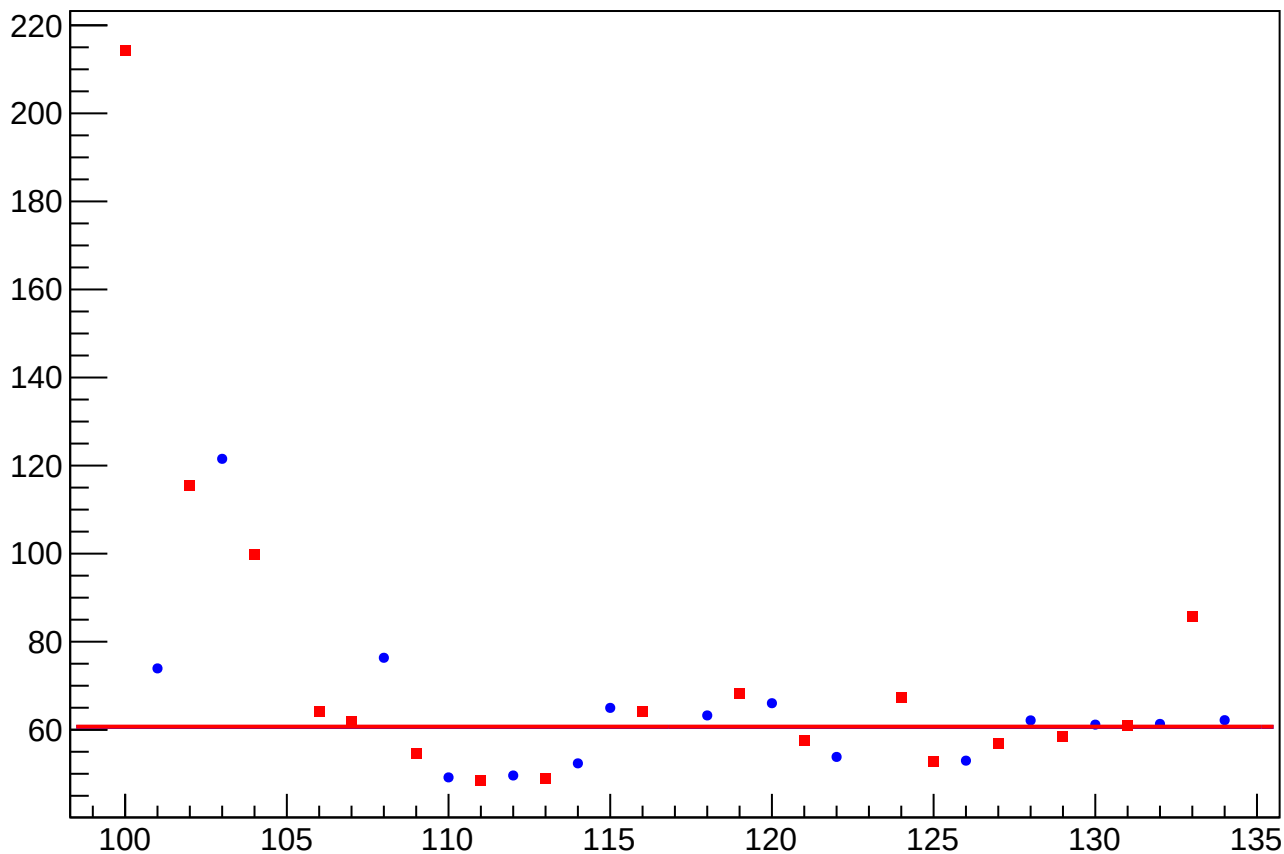
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.879 ± 17.446 χ^2/NDF : 38.2/31

- 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: 60.699+/-0.017 χ^2/NDF : 744190.6/16

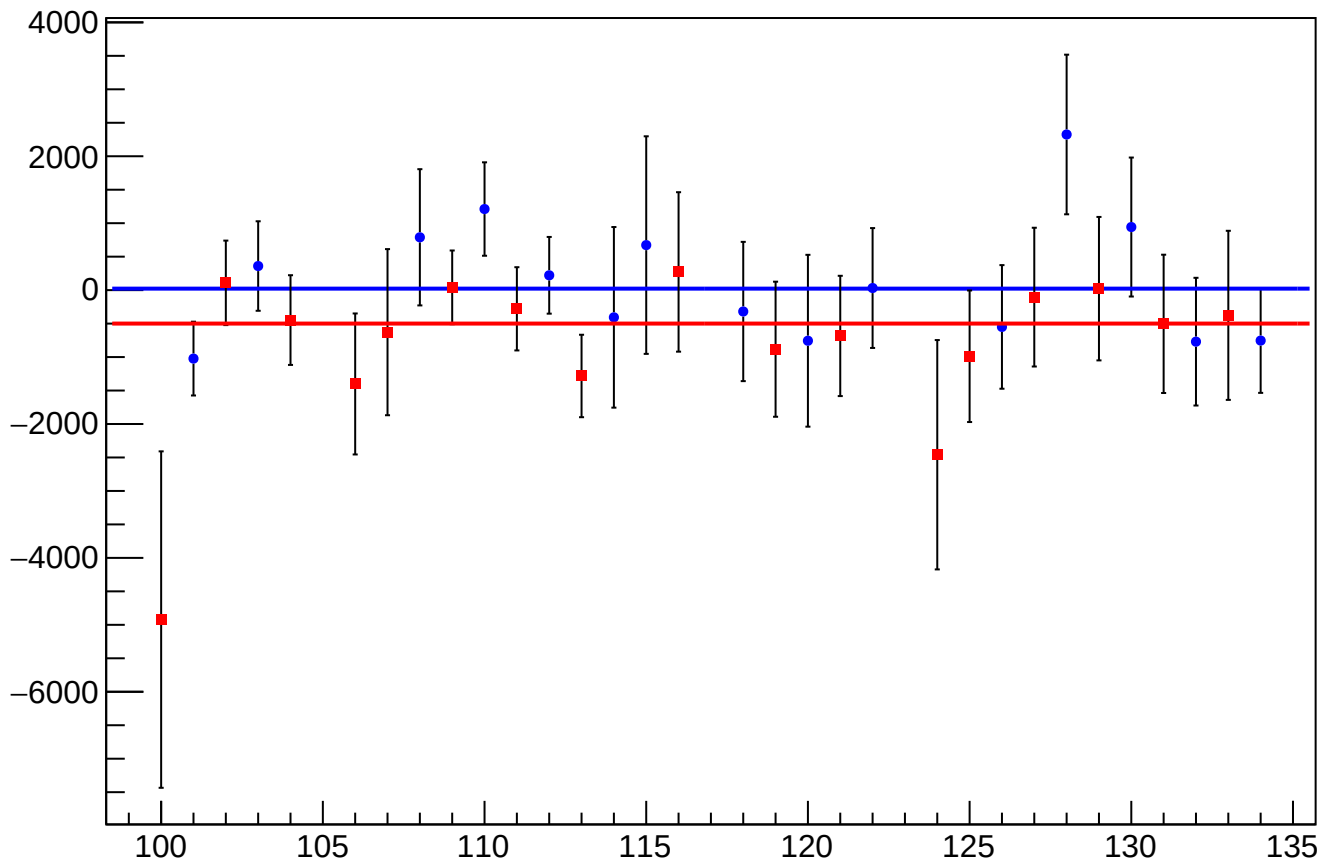
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.668+/-0.012 χ^2/NDF : 1244356.1/31

- 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: -499.657 $\pm$ 210.171 χ^2 /NDF: 10.0/16

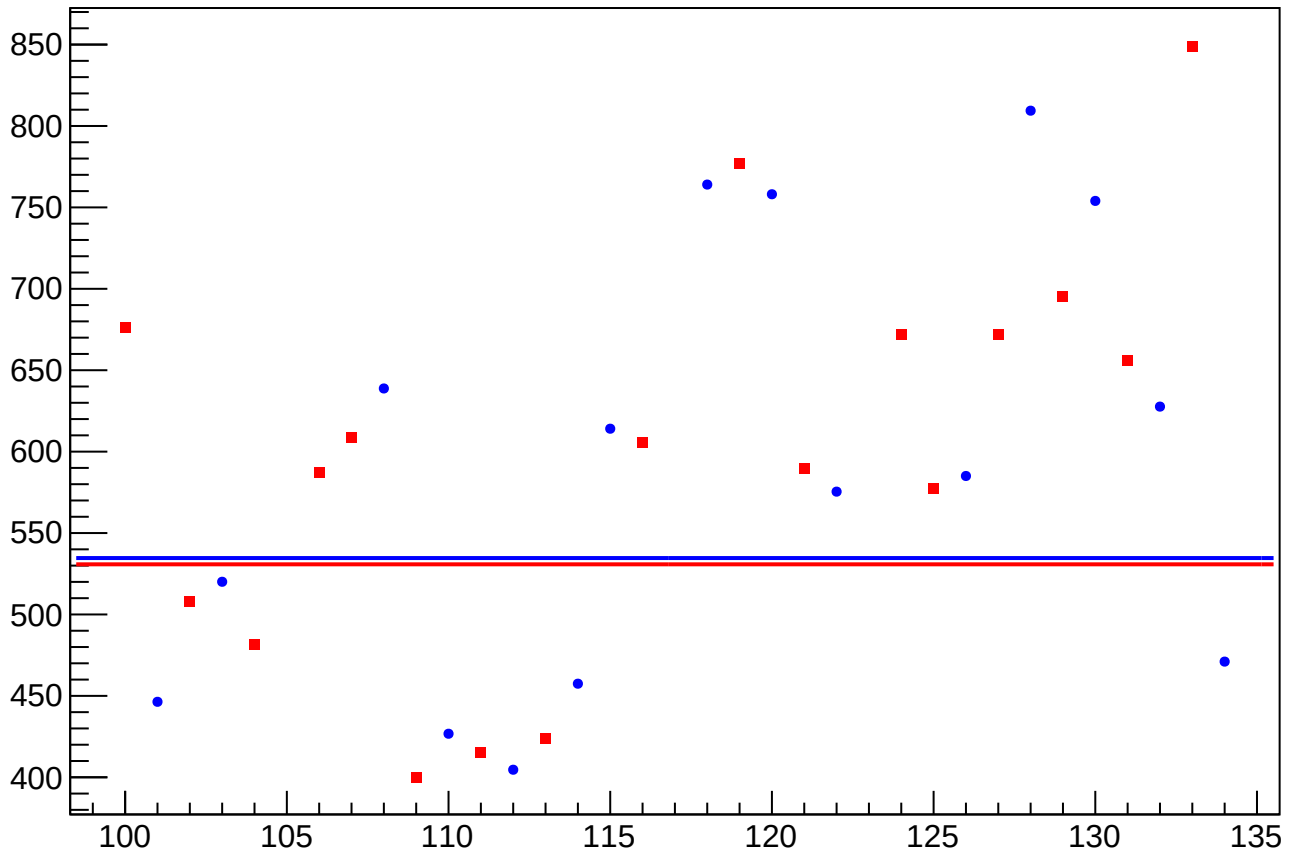
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -249.467 $\pm$ 151.654 χ^2 /NDF: 27.7/31

- 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 $\pm$ 0.155 χ^2 /NDF: 630976.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 530.792 $\pm$ 0.149 χ^2 /NDF: 670242.4/16

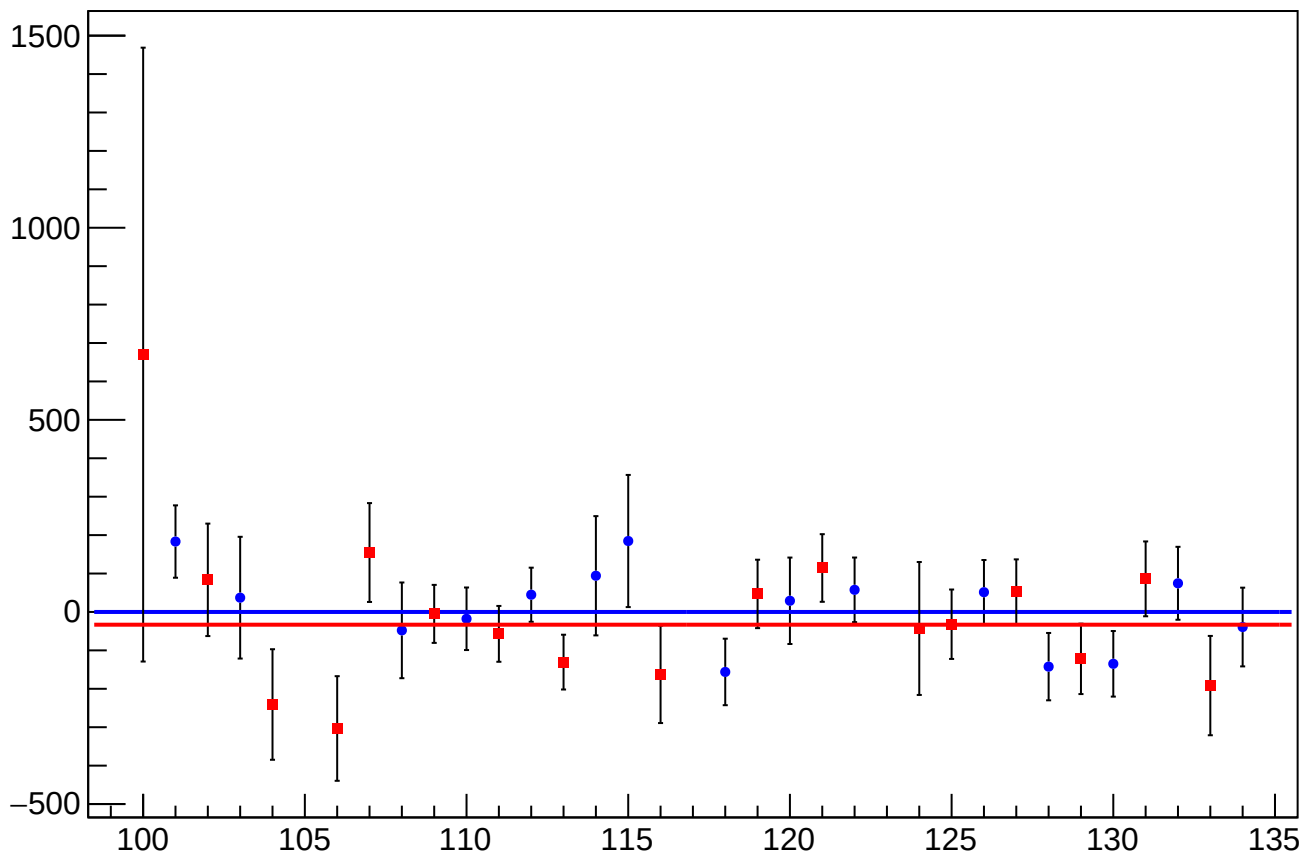
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 532.639 $\pm$ 0.107 χ^2 /NDF: 1301541.2/31

- sign 0.000 $\pm$ 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: -33.185 ± 24.468 $\chi^2/\text{NDF}: 21.3/16$

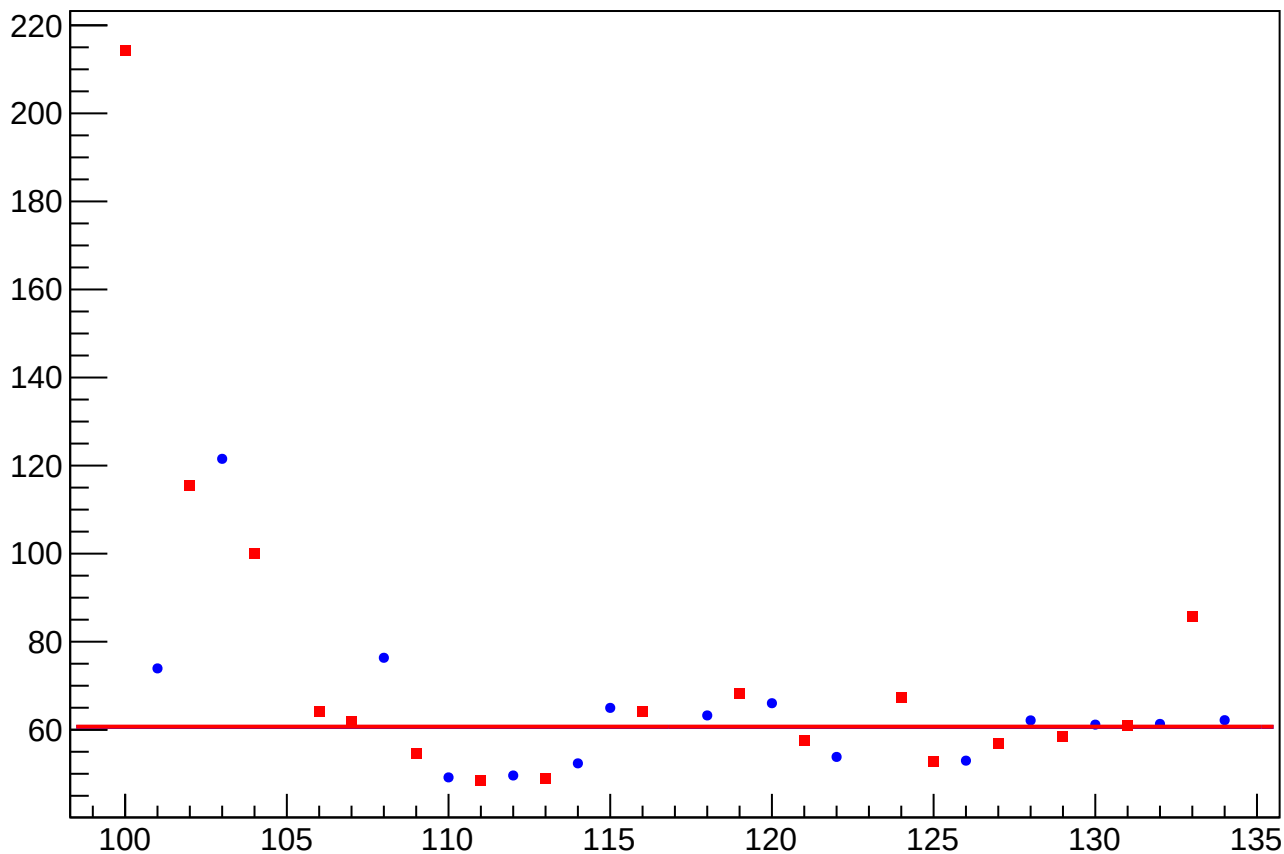
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -16.879 ± 17.446 $\chi^2/\text{NDF}: 38.2/31$

- 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+/-0.018 χ^2/NDF : 500156.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.700+/-0.017 χ^2/NDF : 744190.5/16

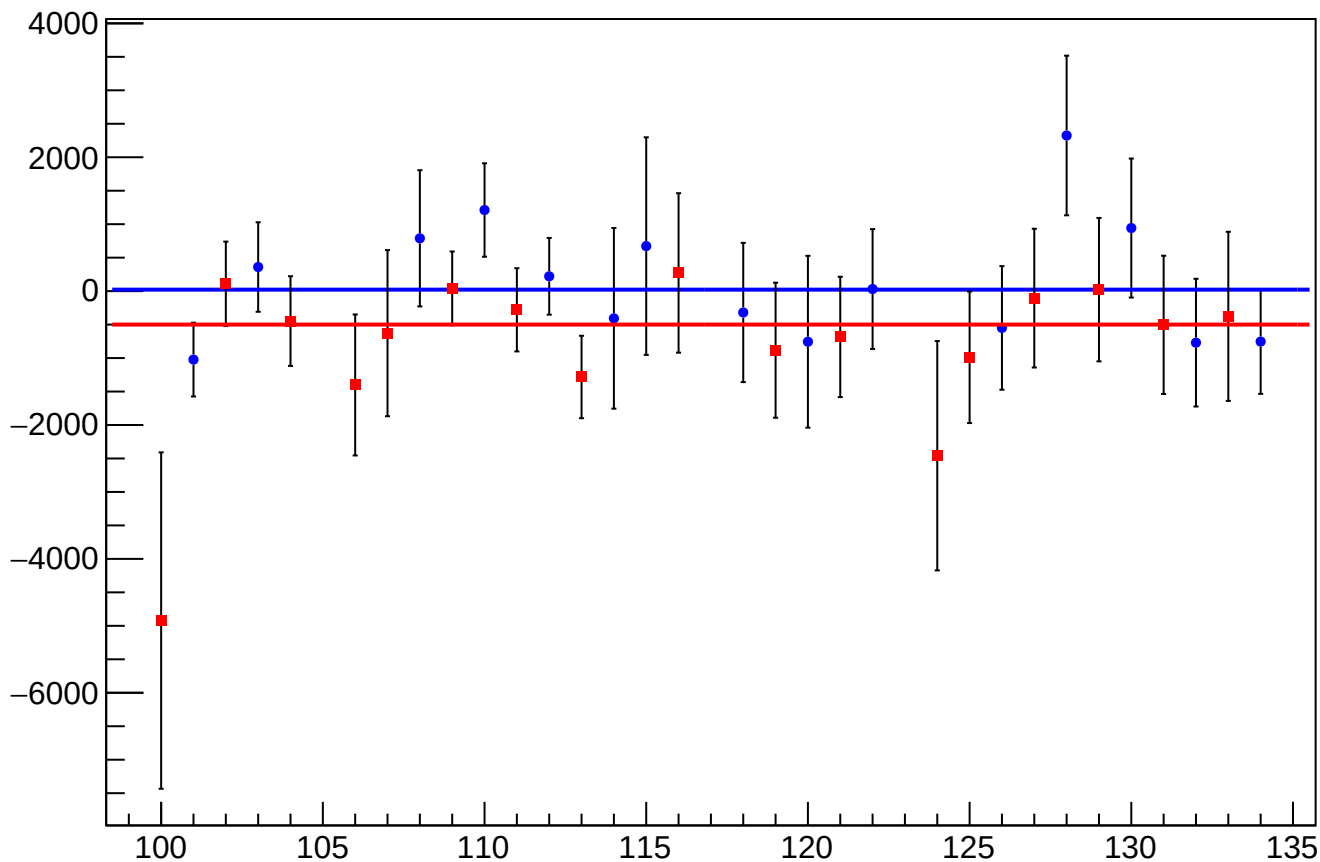
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.668+/-0.012 χ^2/NDF : 1244353.2/31

- sign 0.000+/-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: -499.656 $\pm$ 210.171 χ^2 /NDF: 10.0/16

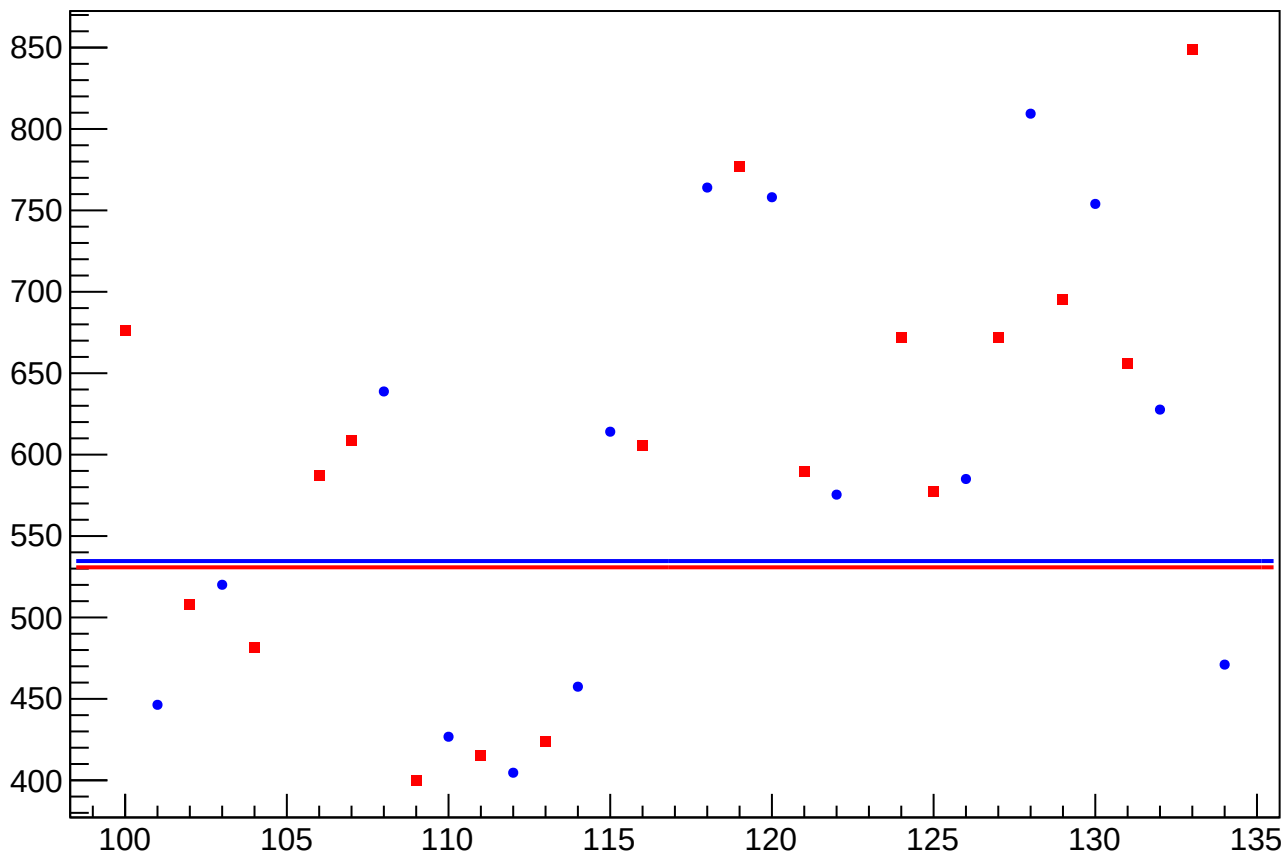
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -249.467 $\pm$ 151.653 χ^2 /NDF: 27.7/31

- 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 $\pm$ 0.155 χ^2 /NDF: 630982.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 530.791 $\pm$ 0.149 χ^2 /NDF: 670245.3/16

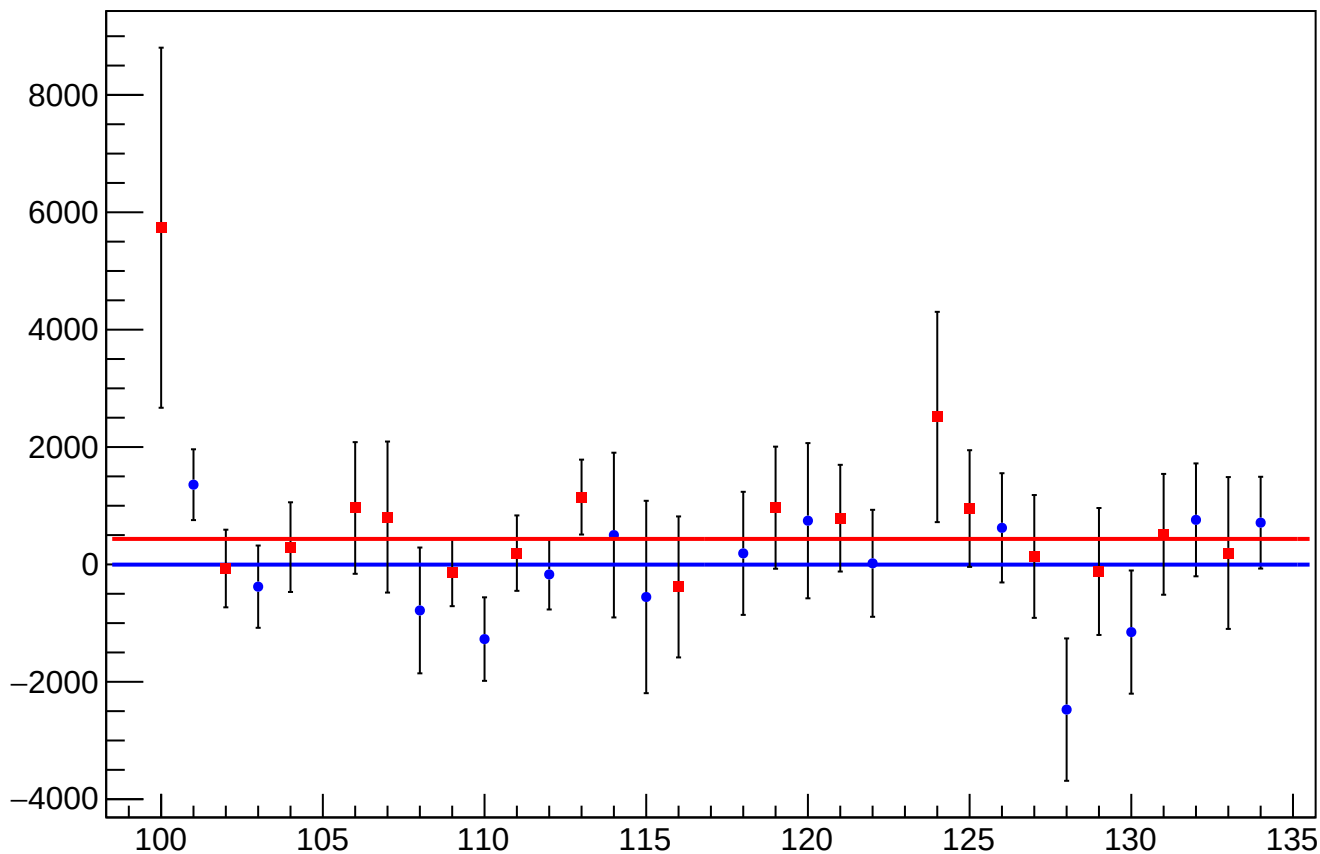
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 532.637 $\pm$ 0.107 χ^2 /NDF: 1301550.1/31

- sign 0.000 $\pm$ 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: 434.615+/-219.163 χ^2 /NDF: 9.1/16

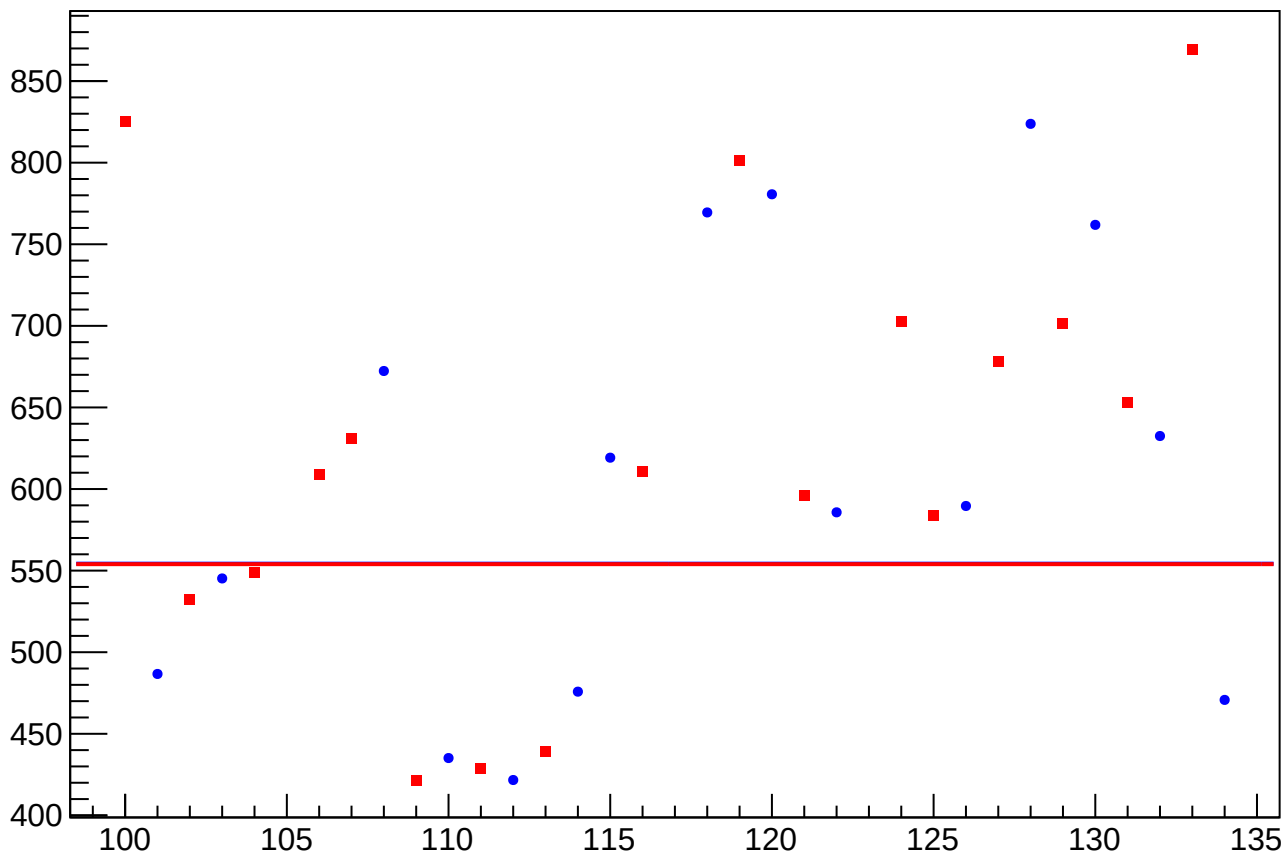
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 223.064+/-157.573 χ^2 /NDF: 28.1/31

- 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: 553.956+/-0.155 χ^2/NDF : 615114.3/16

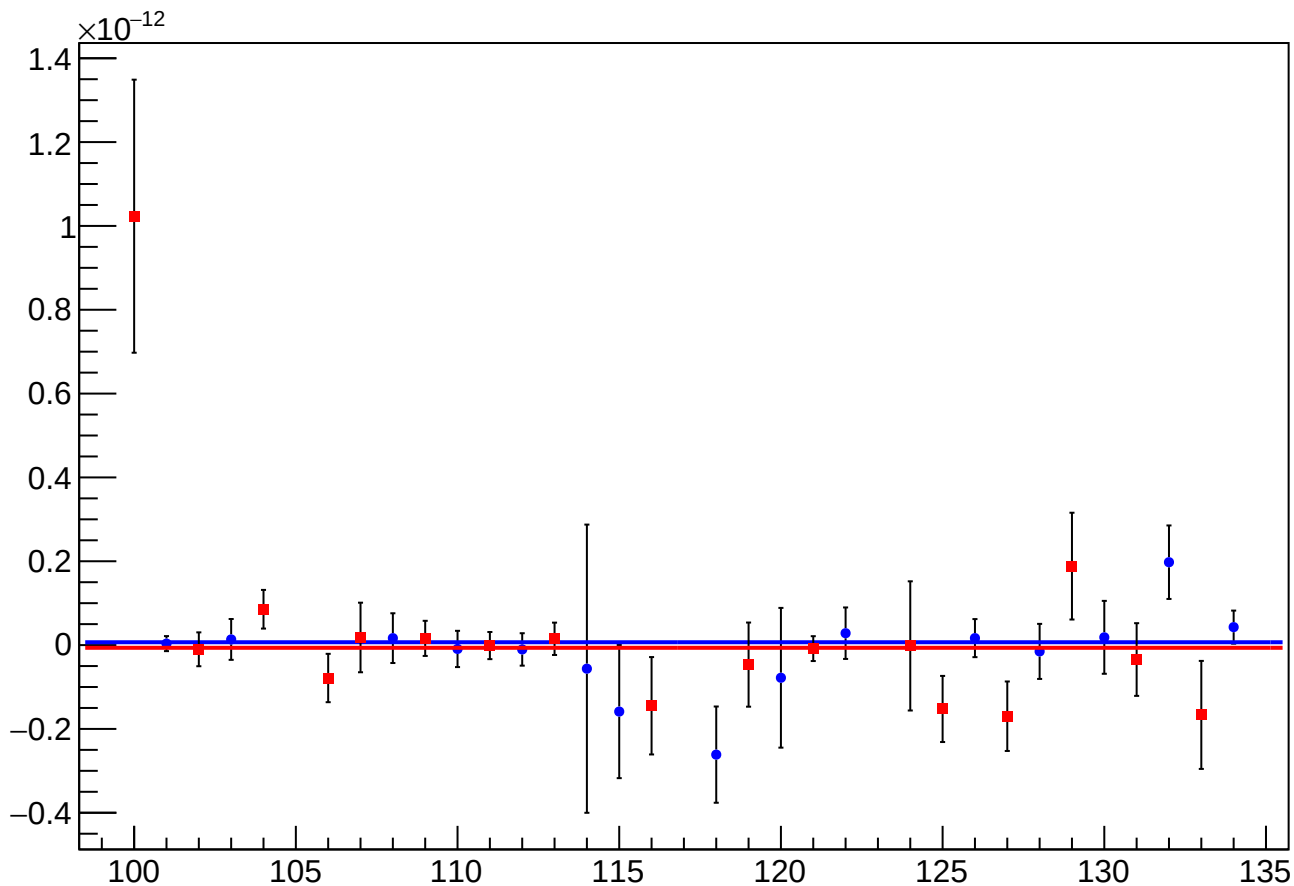
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 554.100+/-0.111 χ^2/NDF : 1190000.3/31

- 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+/-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 : 29.1/16

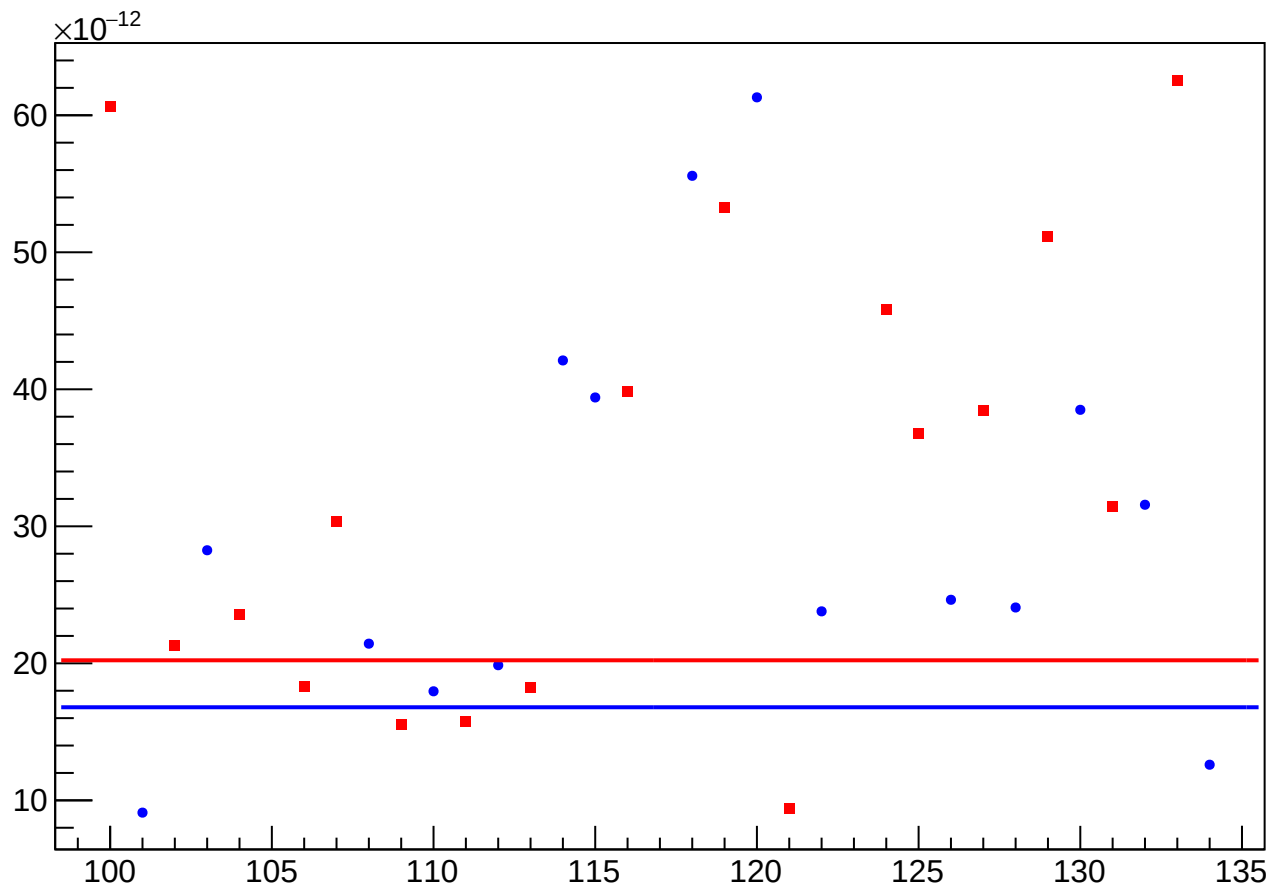
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 42.8/31

- sign 0.000+/-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 : 1289260.0/16

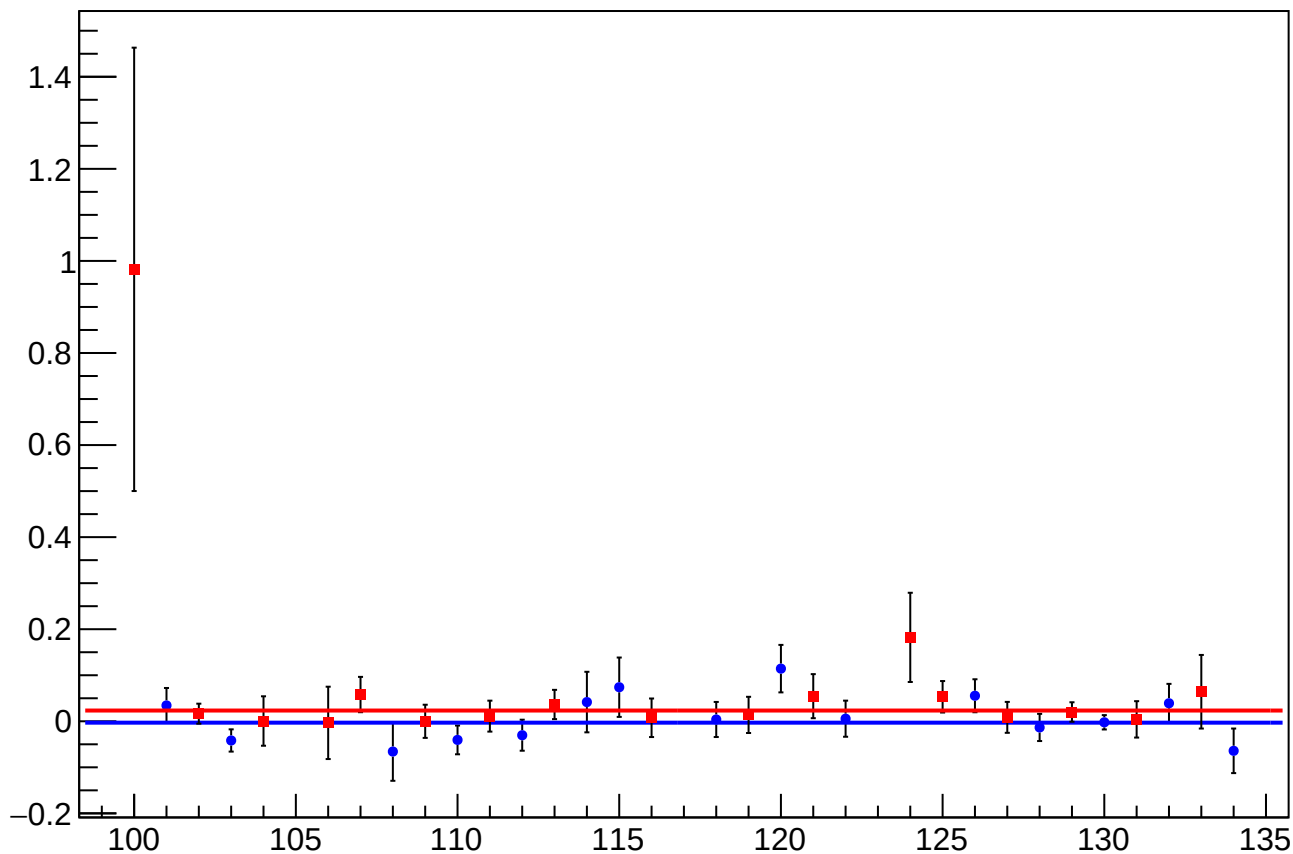
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2604485.4/31

- 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 : 10.7/16

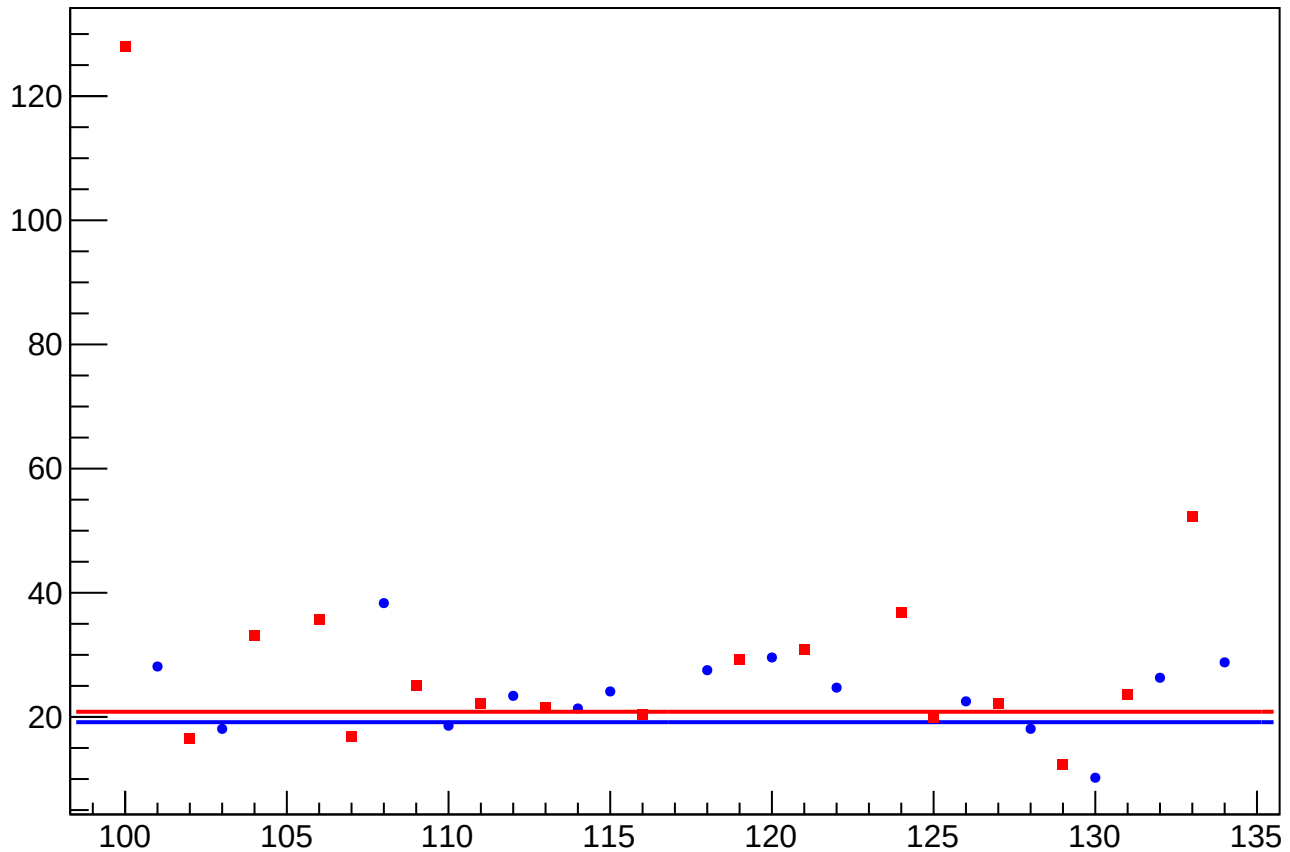
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.006 χ^2/NDF : 34.4/31

- 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: 20.837+/-0.006 χ^2/NDF : 1281476.0/16

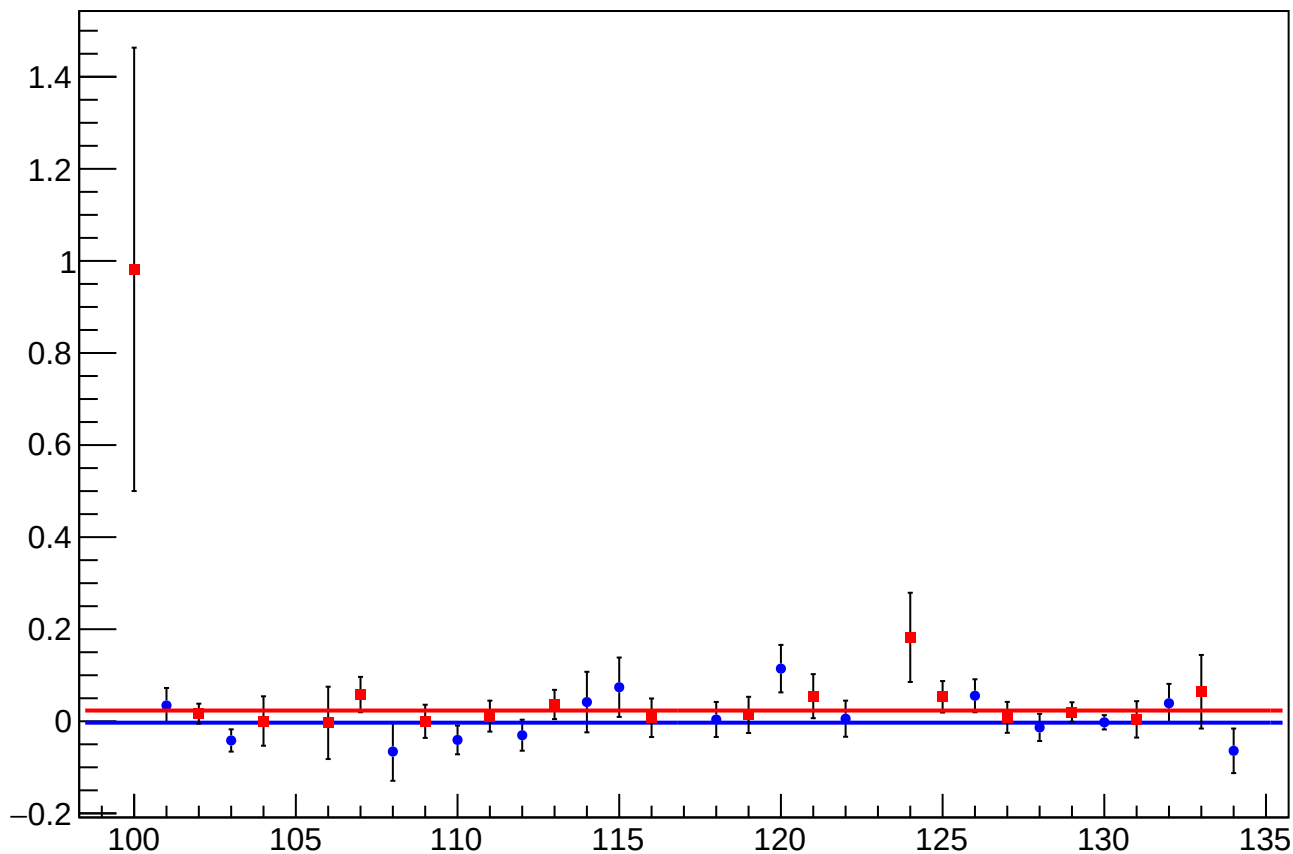
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.955+/-0.004 χ^2/NDF : 2698649.4/31

- 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 : 10.7/16

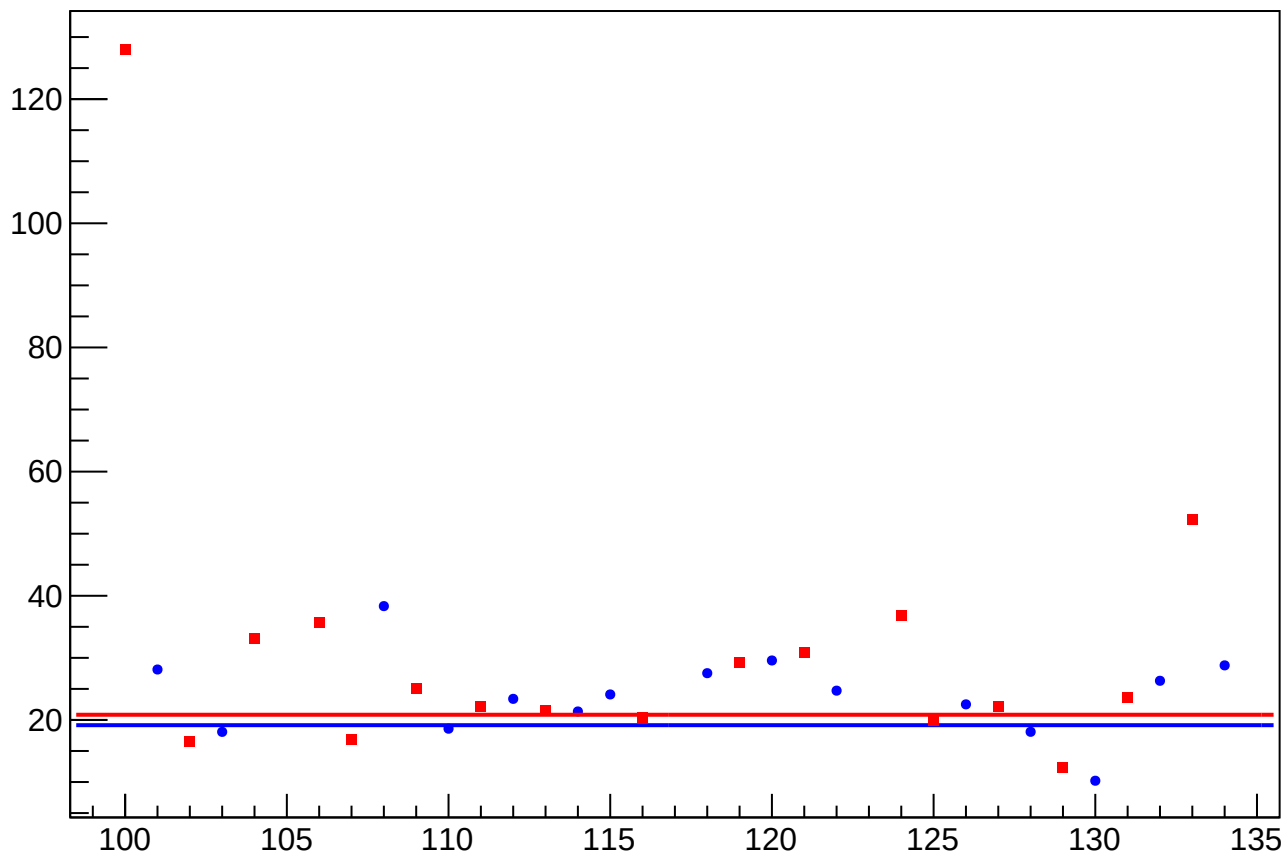
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.006 χ^2/NDF : 34.4/31

- 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: 20.837+/-0.006 χ^2/NDF : 1281476.0/16

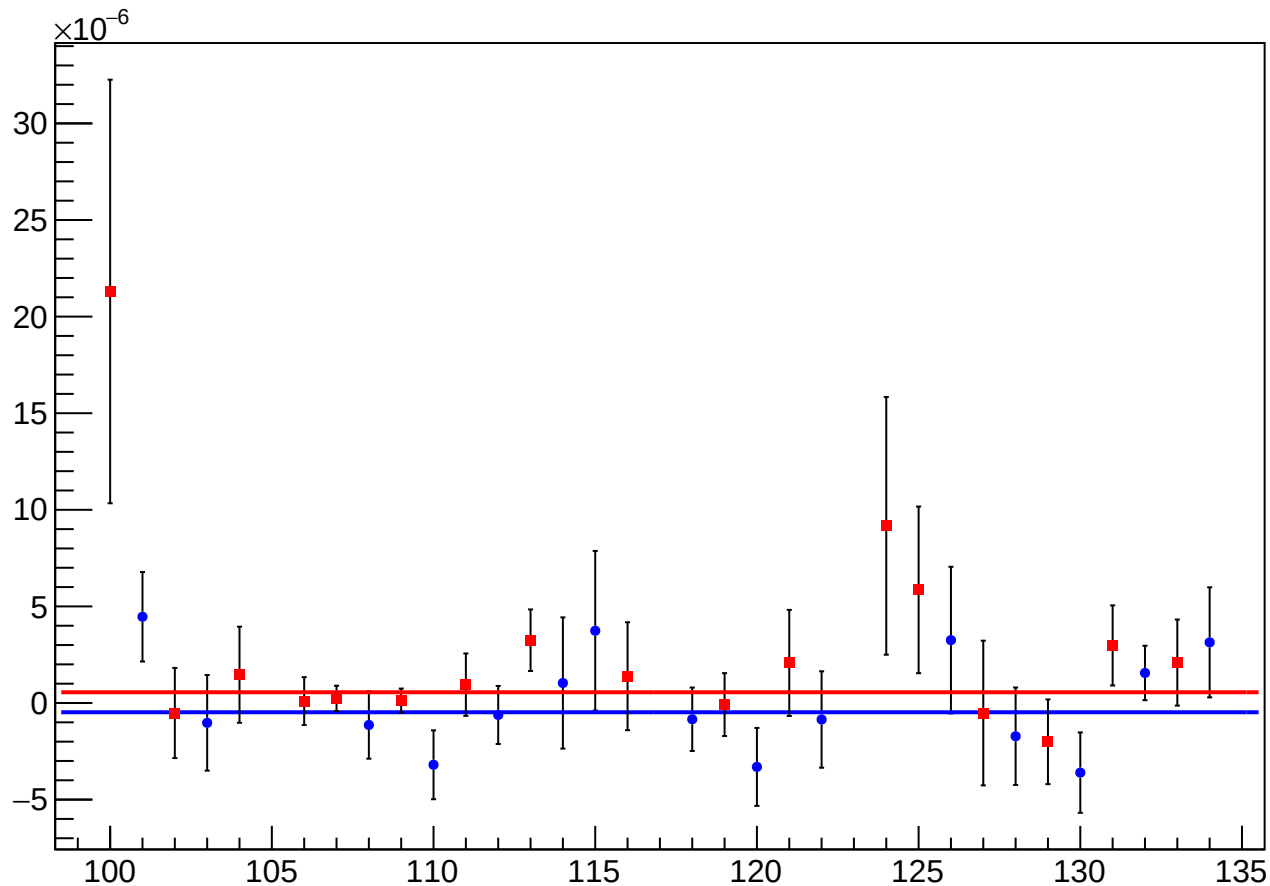
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.955+/-0.004 χ^2/NDF : 2698649.4/31

- 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: 14.7/16

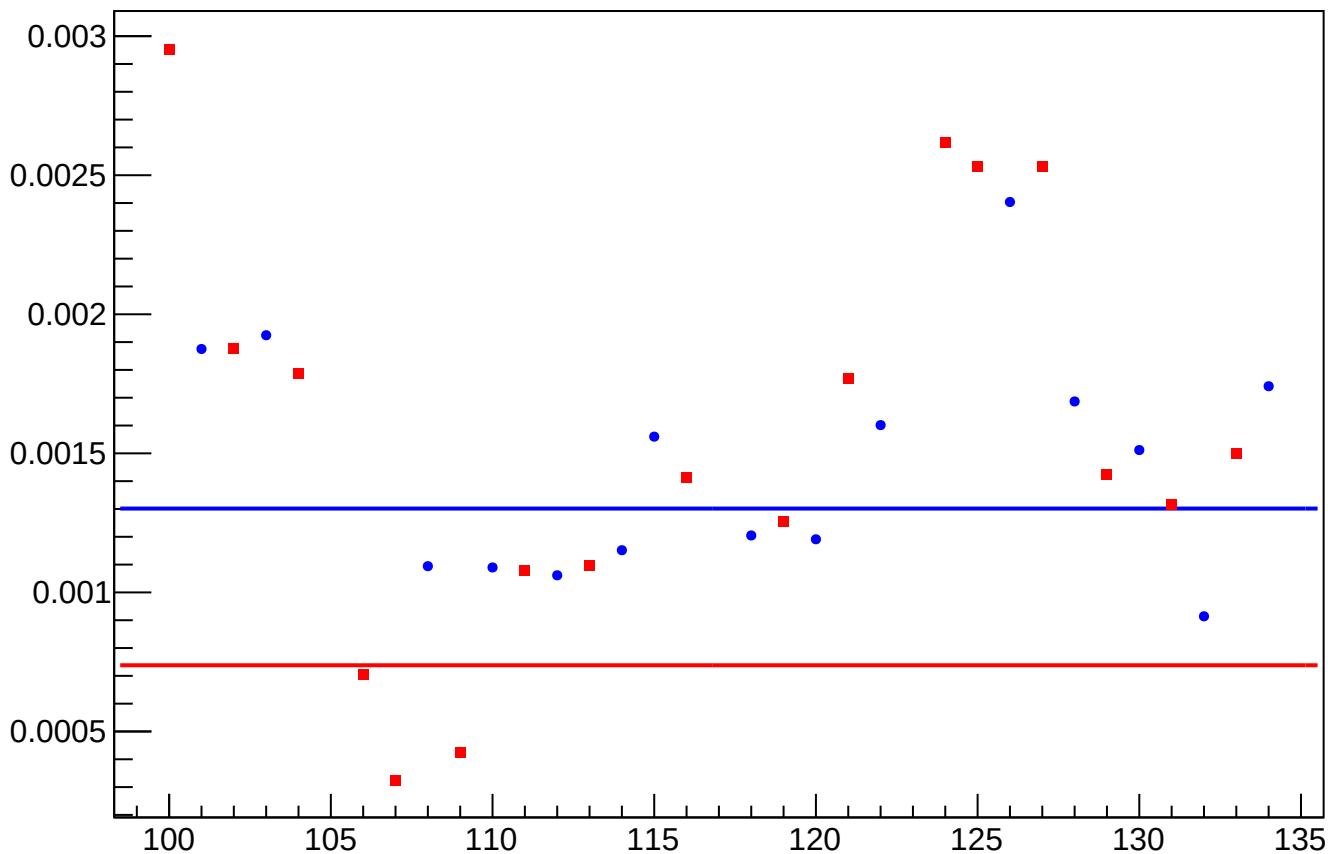
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 34.8/31

- 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 : 4551644.4/16

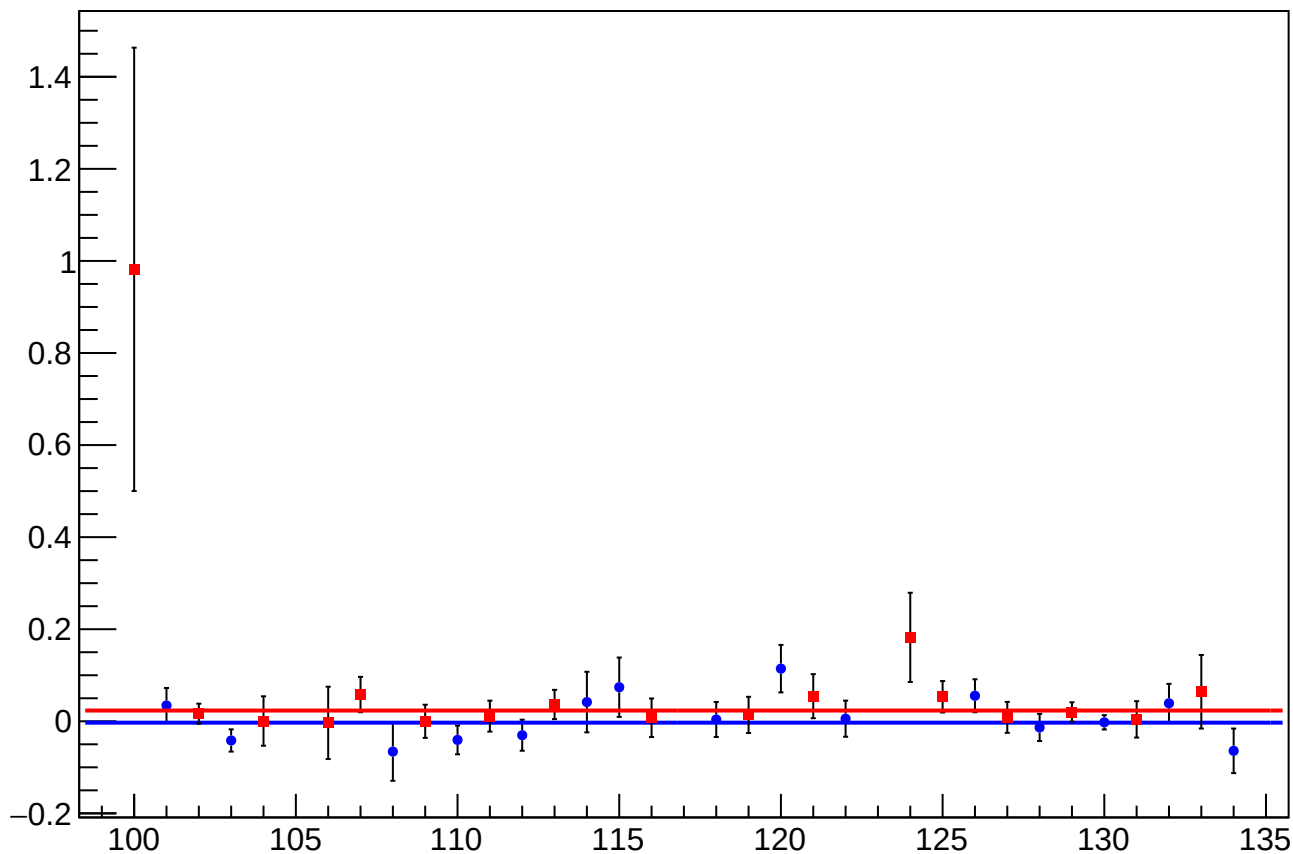
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6931024.0/31

- 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 : 10.7/16

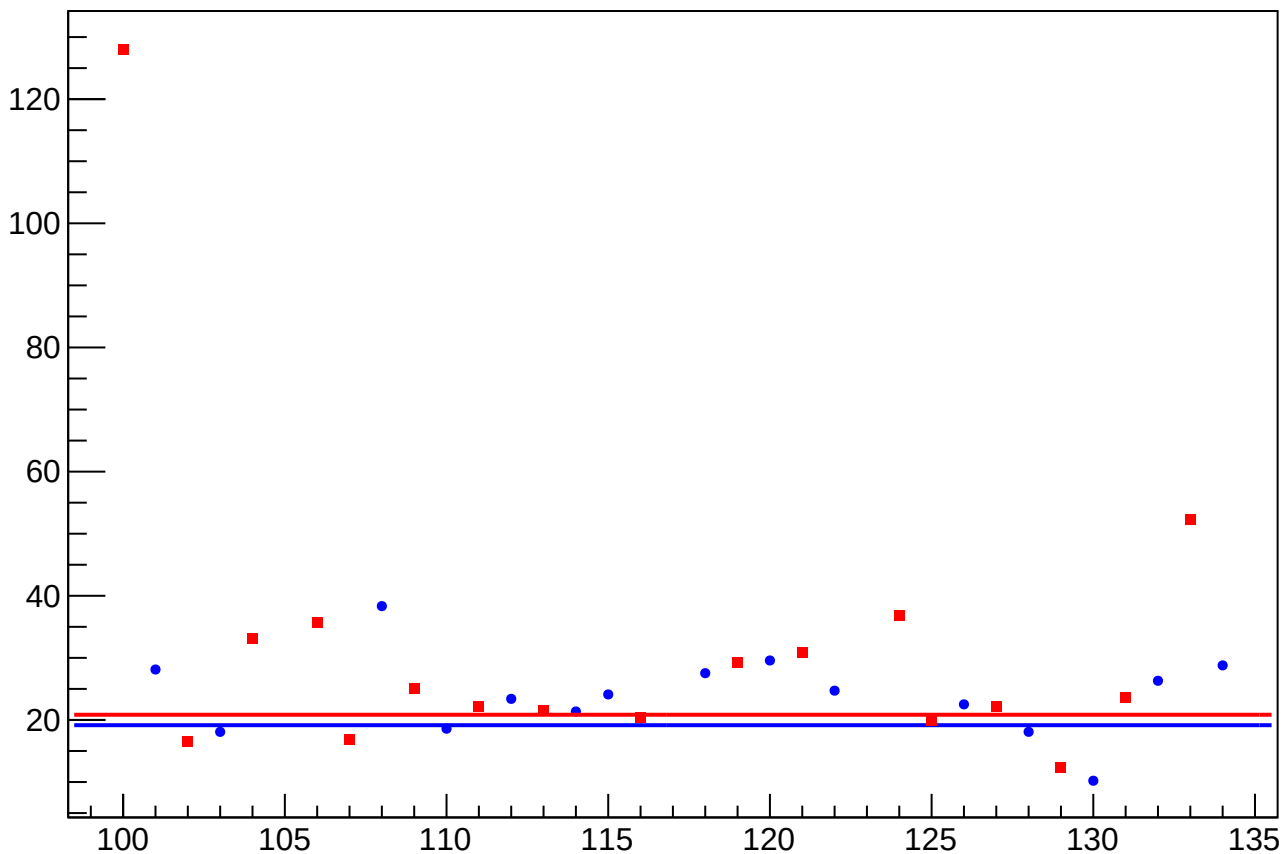
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.006 χ^2/NDF : 34.4/31

- 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: 20.837+/-0.006 χ^2/NDF : 1281473.1/16

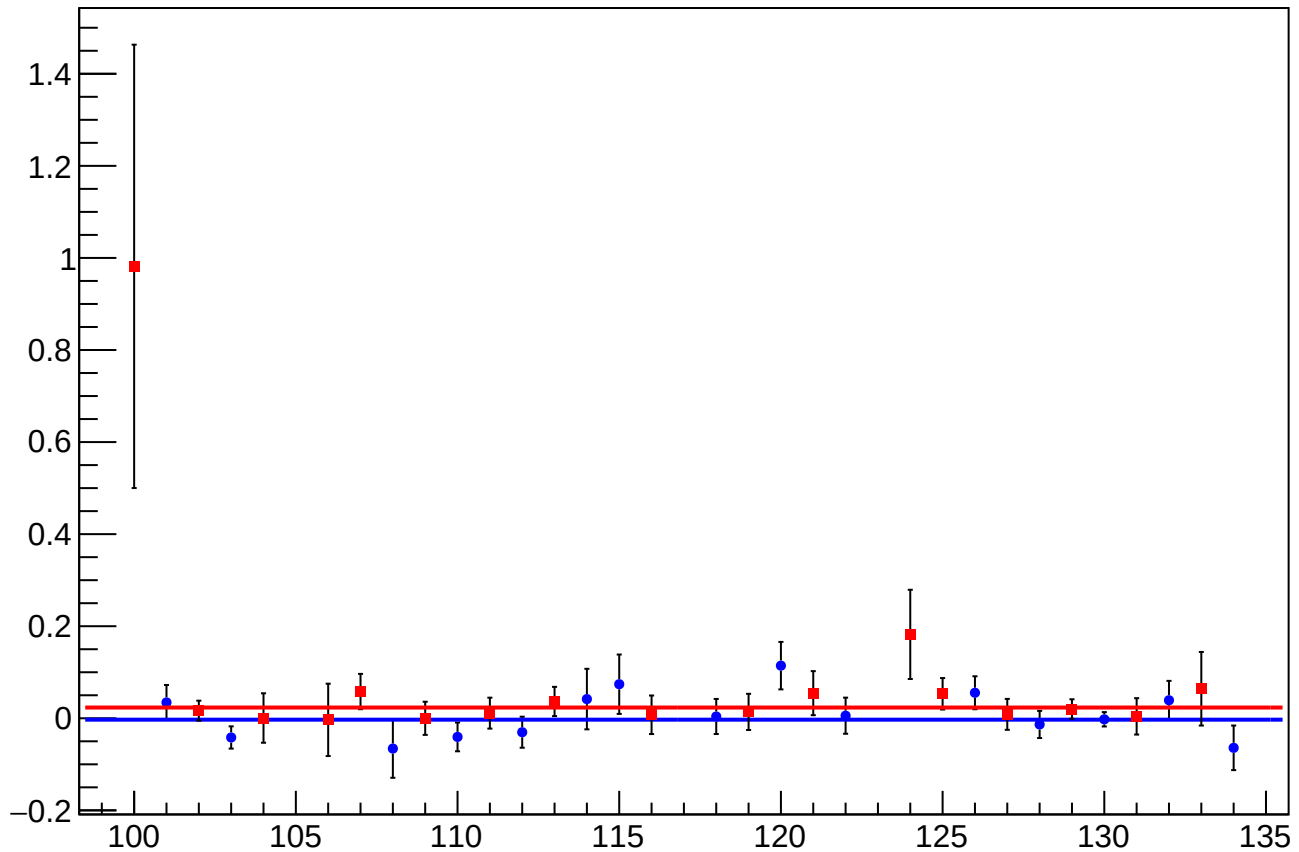
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.955+/-0.004 χ^2/NDF : 2698521.9/31

- 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 : 10.7/16

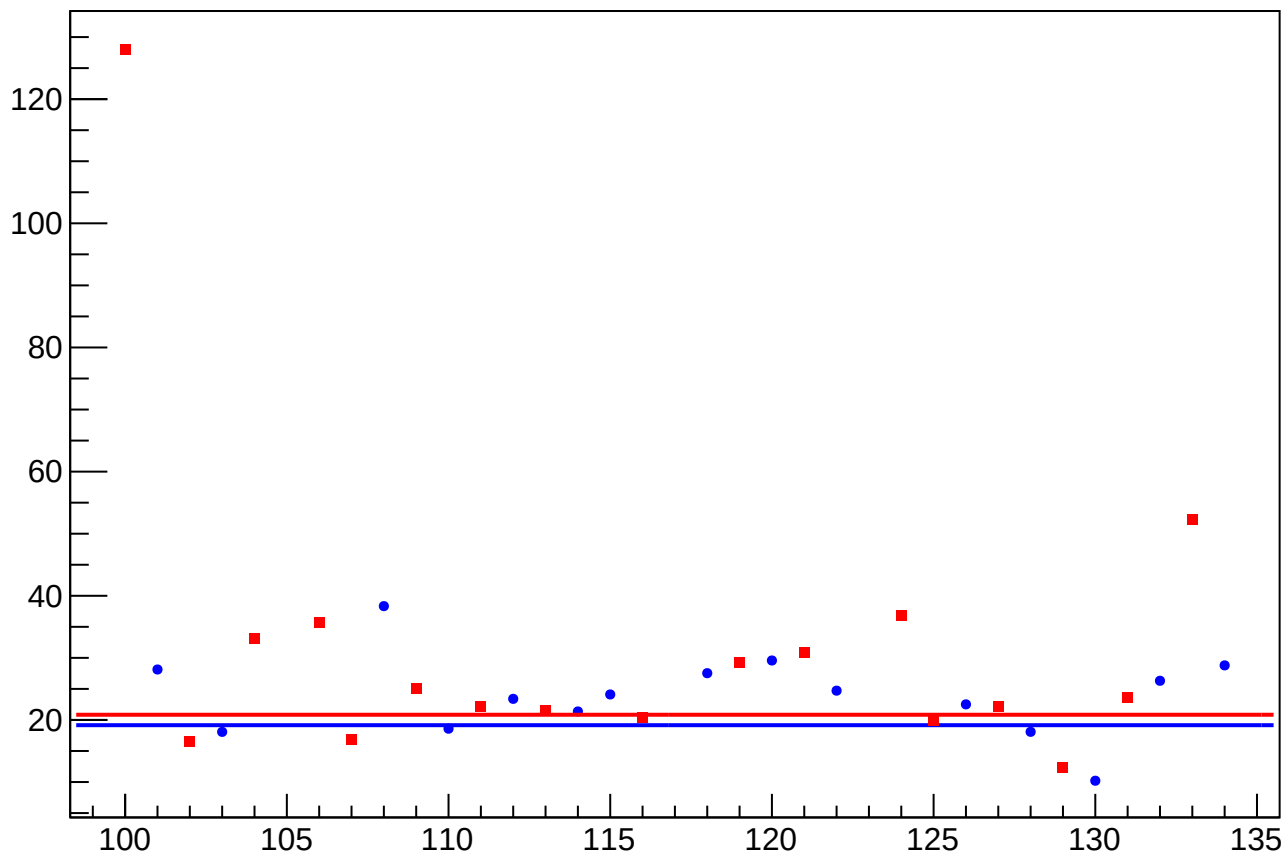
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.006 χ^2/NDF : 34.4/31

- 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: 20.837+/-0.006 χ^2/NDF : 1281473.1/16

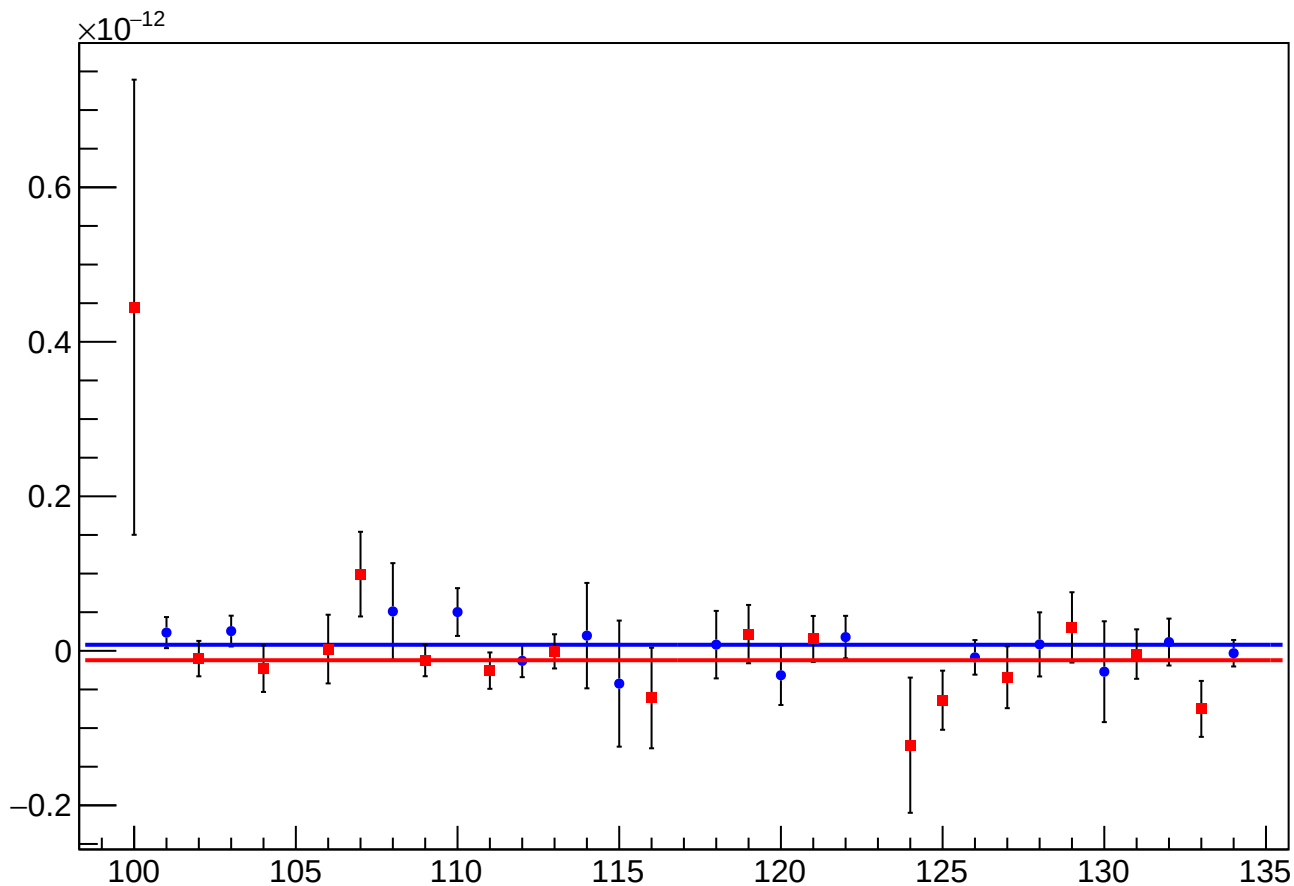
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.955+/-0.004 χ^2/NDF : 2698521.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 7.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 17.3/16

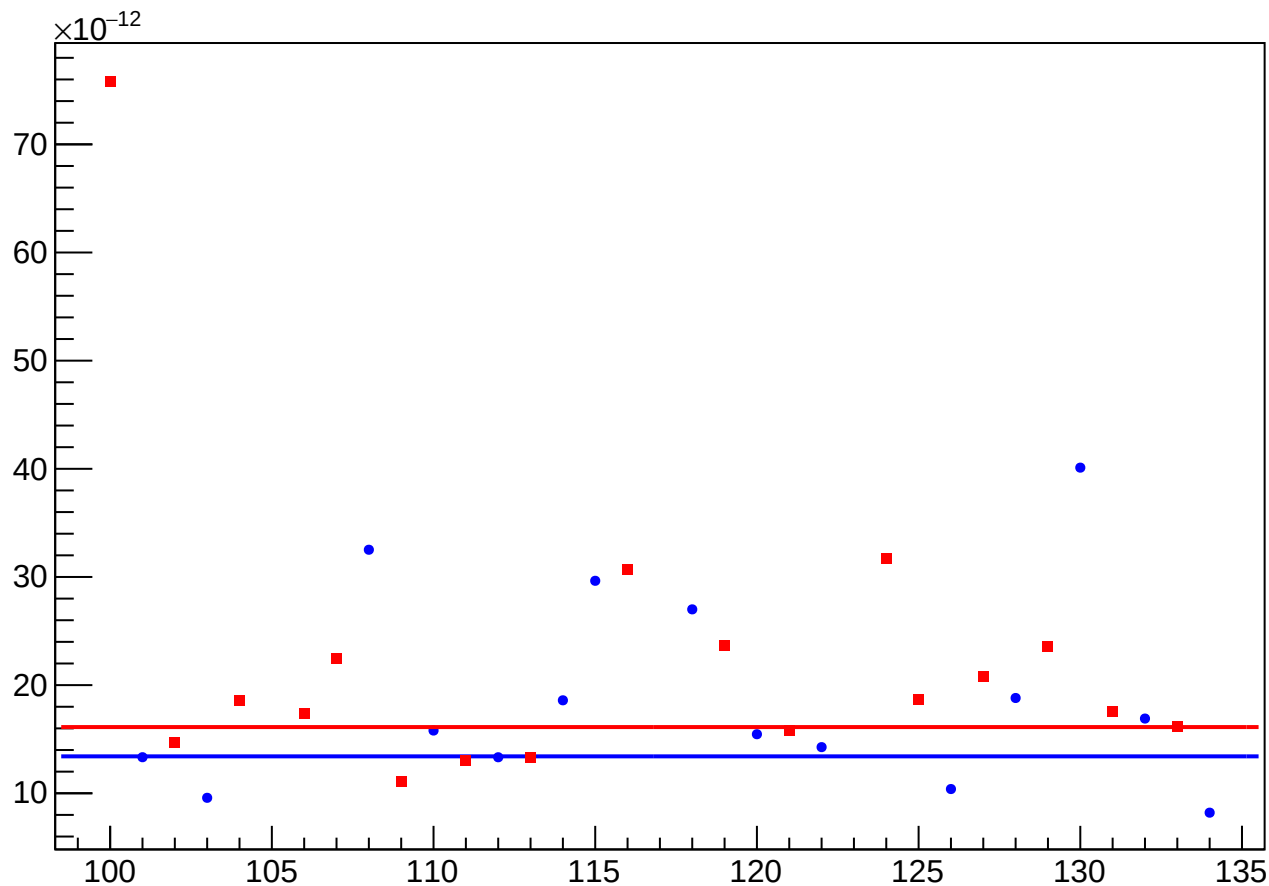
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 28.3/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

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 : 659874.7/16

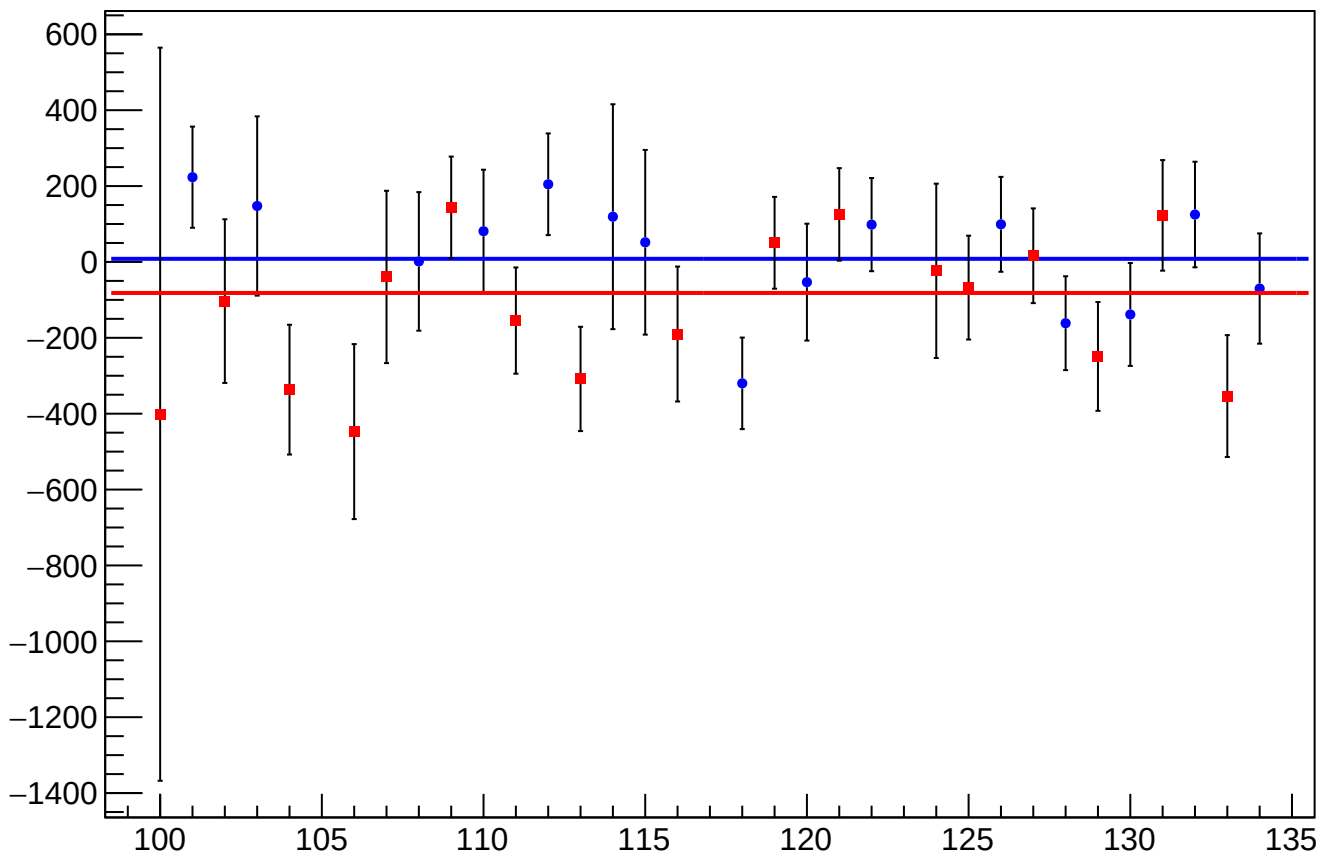
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1965930.1/31

- 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: -81.796+/-37.991 χ^2 /NDF: 22.1/16

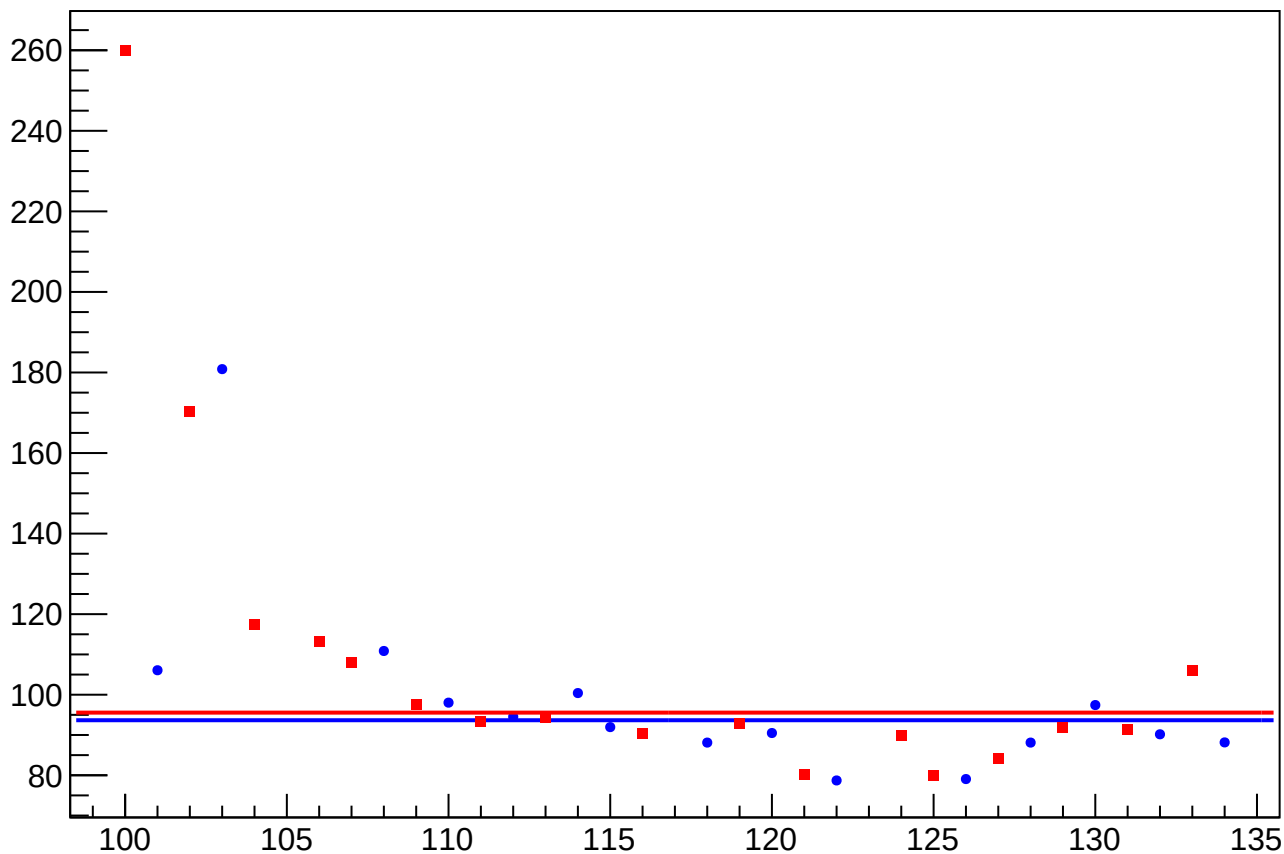
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -37.006+/-26.931 χ^2 /NDF: 43.0/31

- 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: 95.554 $\pm$ 0.027 χ^2 /NDF: 439201.0/16

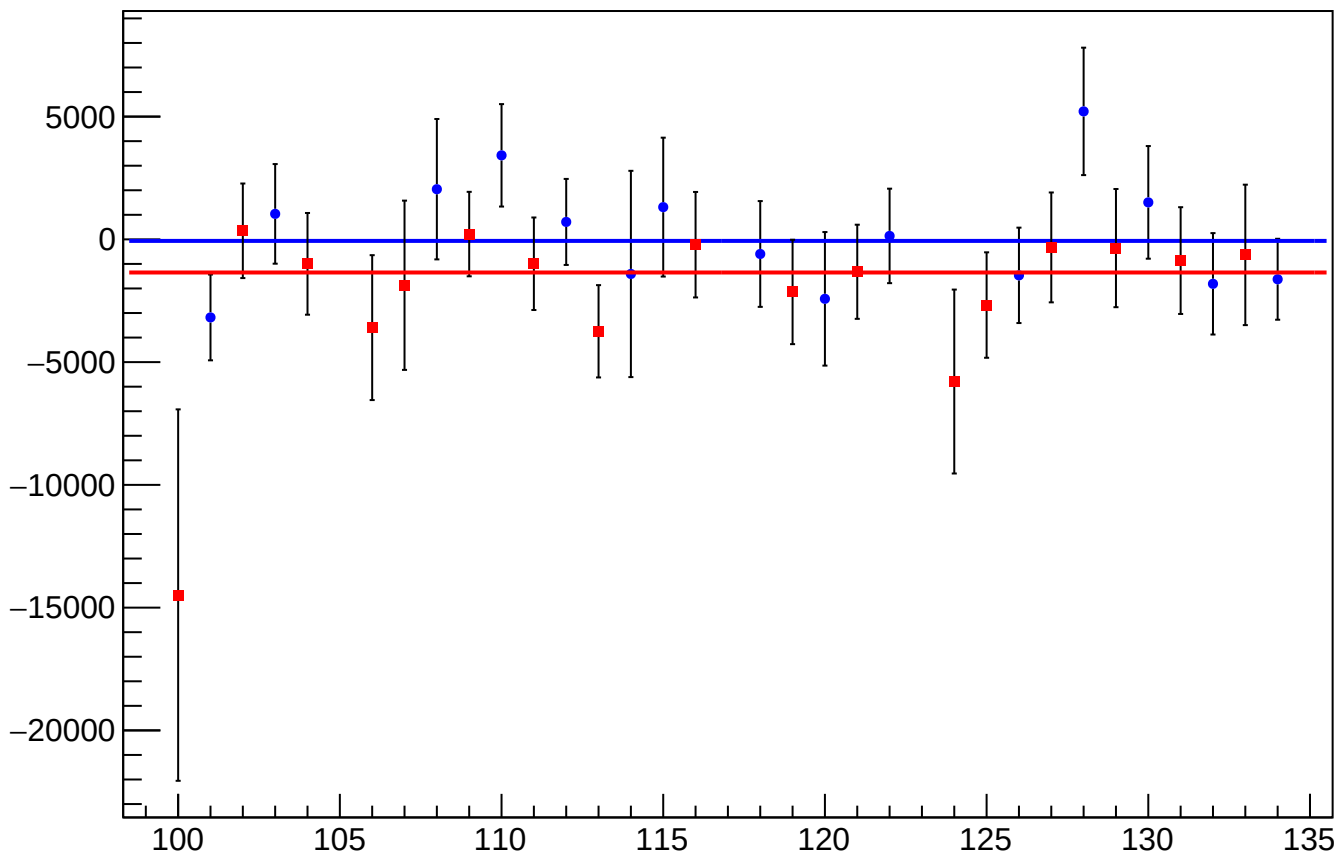
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 94.613 $\pm$ 0.019 χ^2 /NDF: 823392.9/31

- 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: -1349.382 ± 548.353 χ^2/NDF : 9.6/16

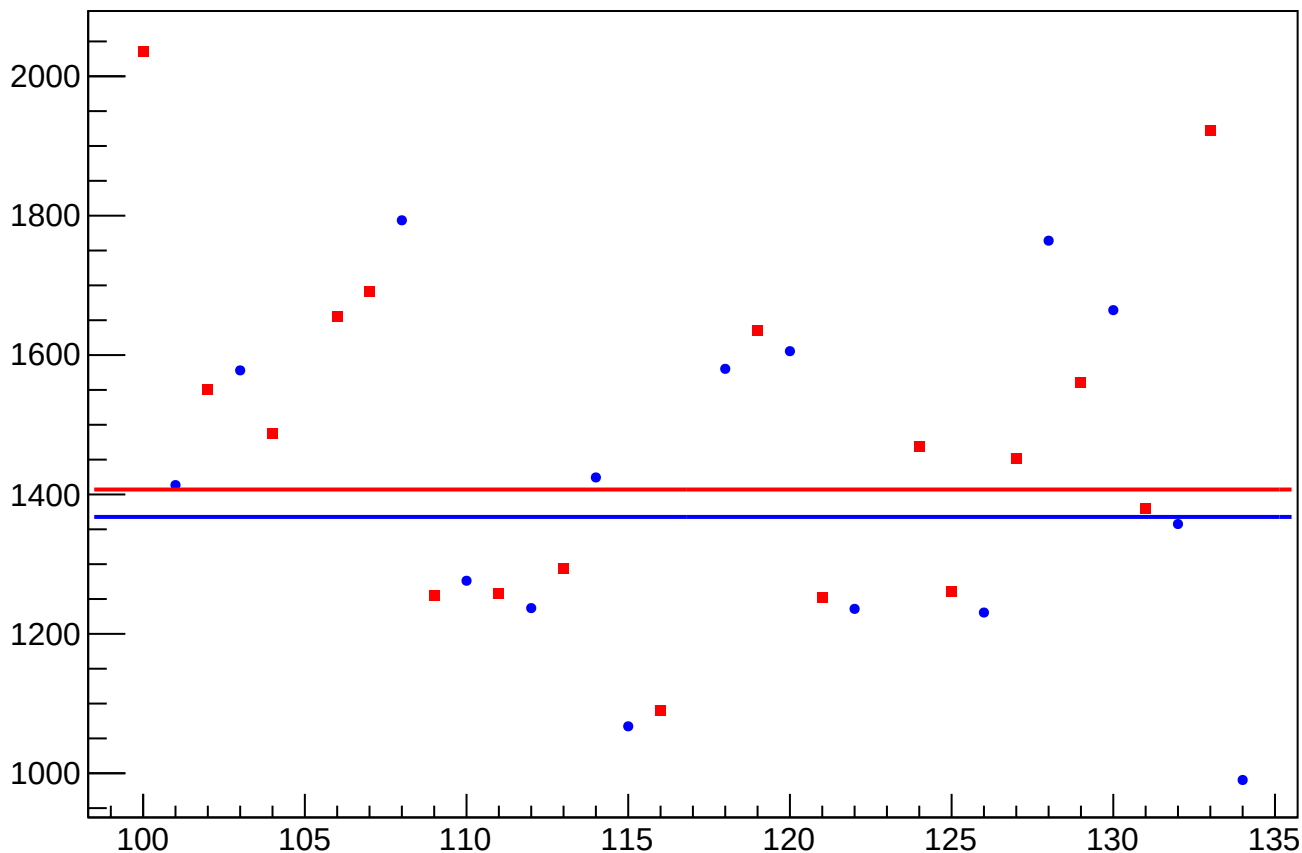
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -712.837 ± 389.782 χ^2/NDF : 27.2/31

- 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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

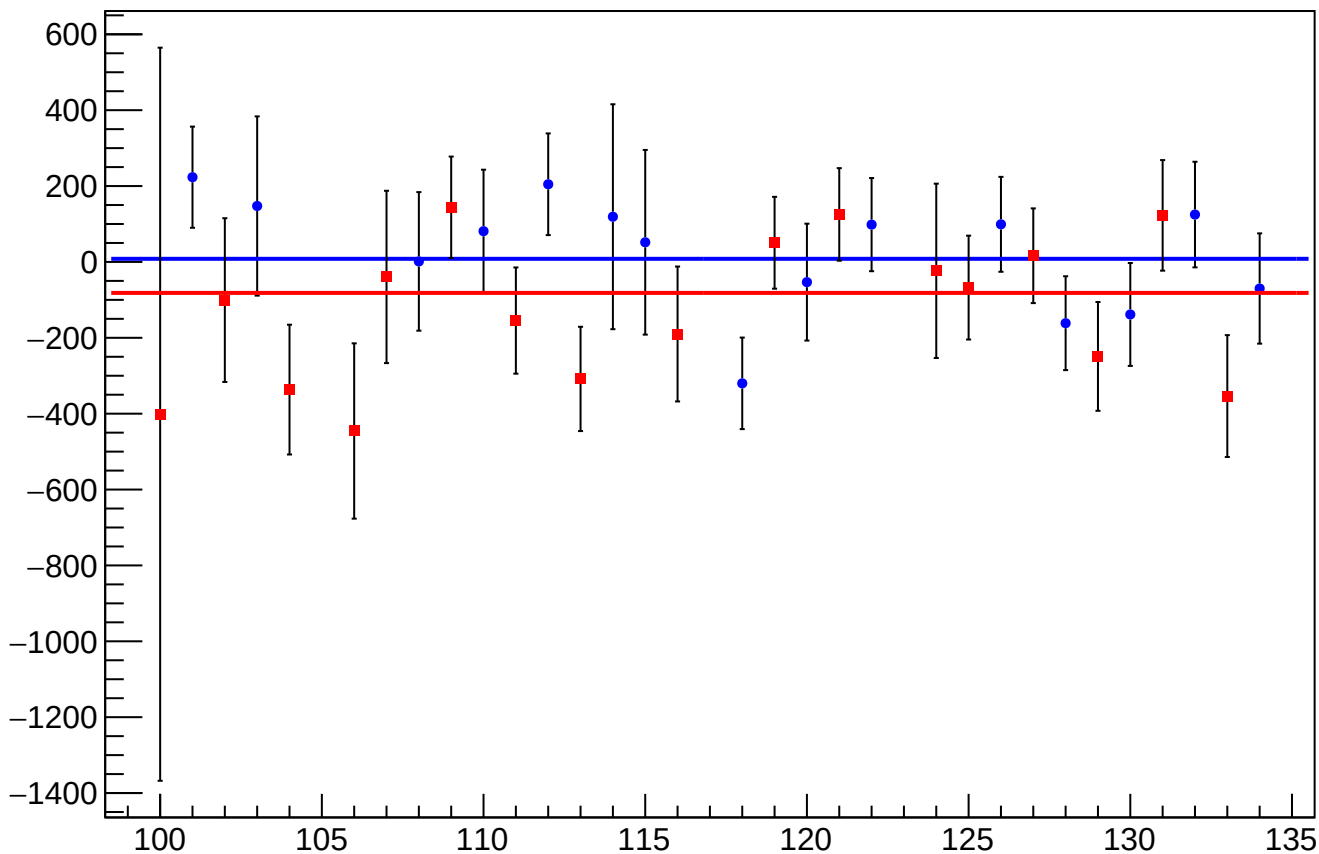
Right Out: 1407.089 $\pm$ 0.388 χ^2 /NDF: 254877.4/16

All: 1387.639 $\pm$ 0.276 χ^2 /NDF: 604168.5/31

- 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

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: -81.625+/-37.994 χ^2 /NDF: 22.0/16

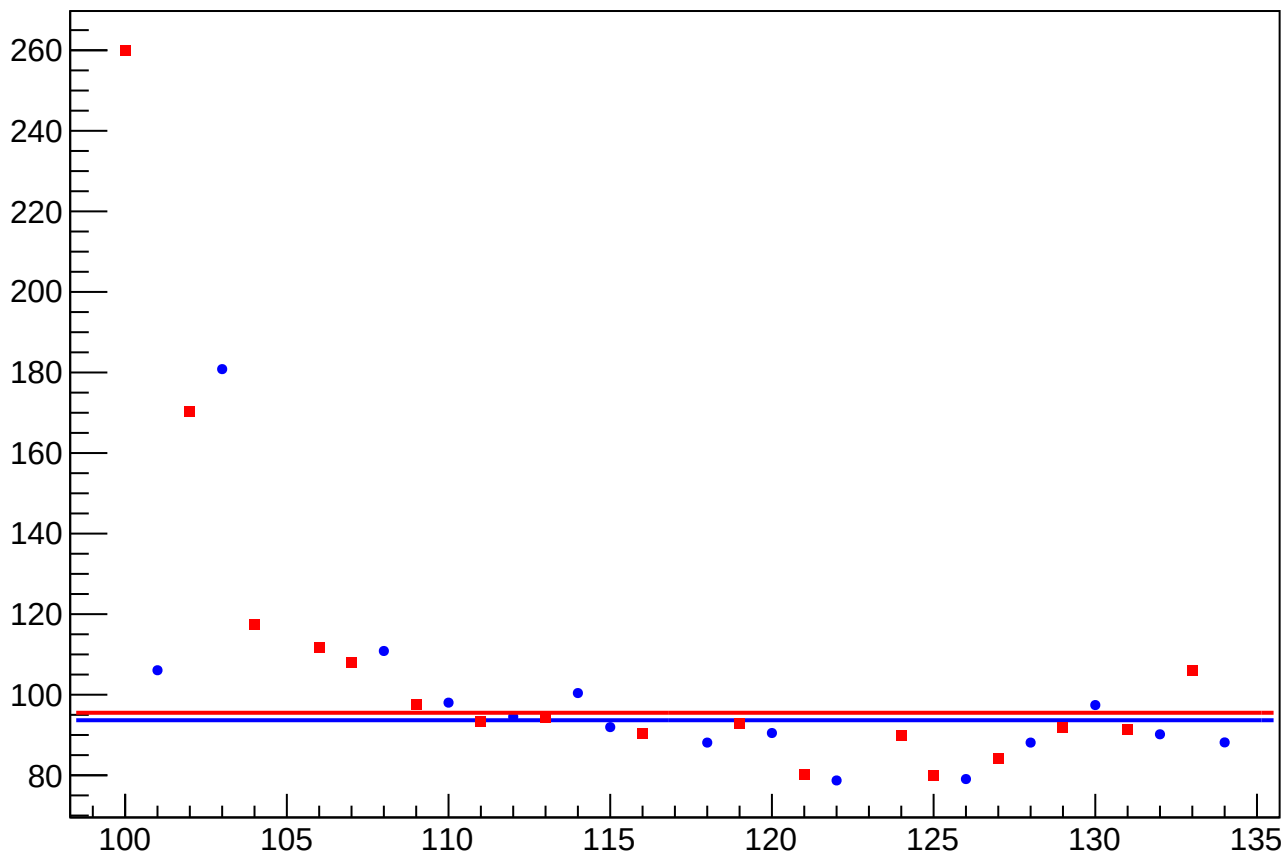
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -36.924+/-26.932 χ^2 /NDF: 43.0/31

- 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: 95.517 $\pm$ 0.027 χ^2 /NDF: 437787.5/16

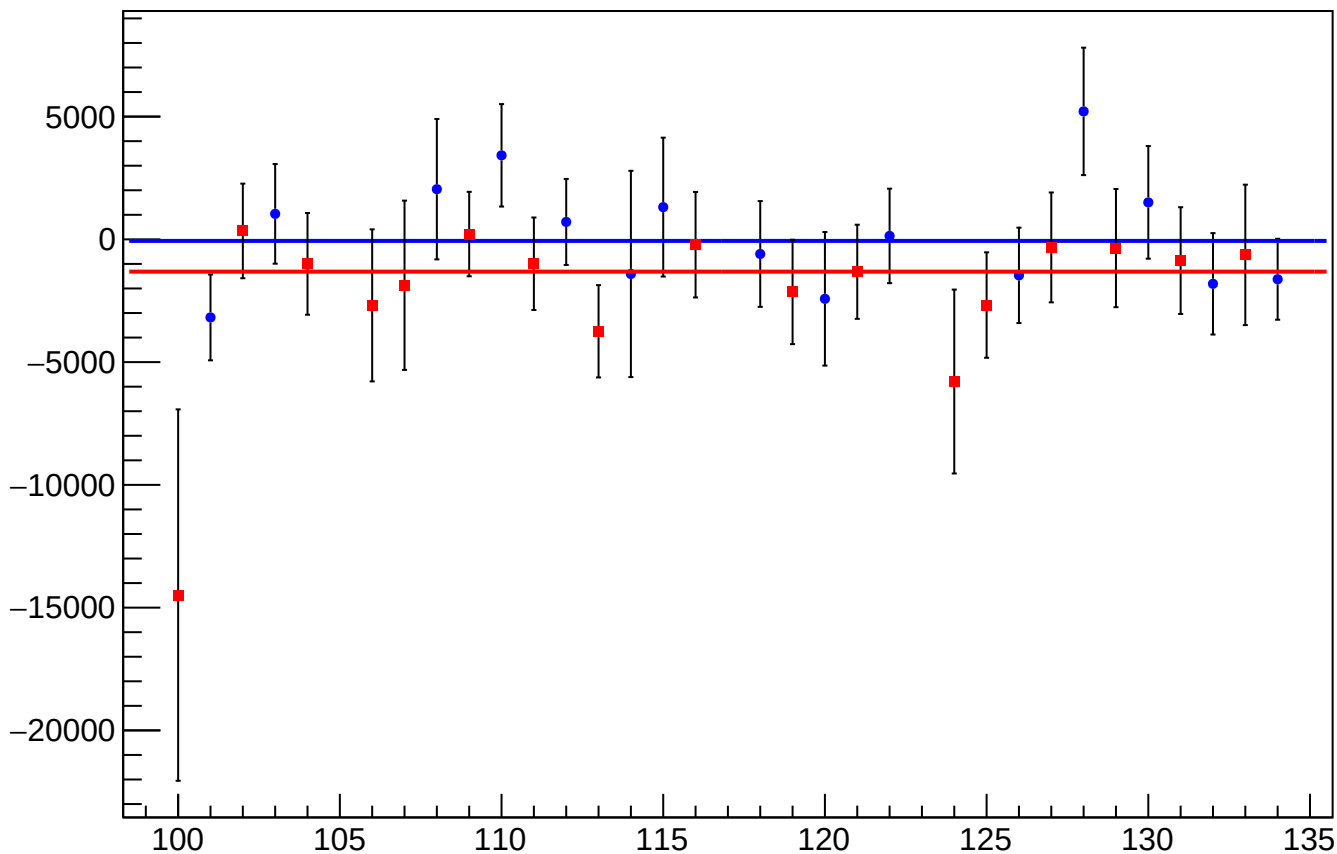
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 94.594 $\pm$ 0.019 χ^2 /NDF: 821886.6/31

- 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: -1314.480 ± 549.253 χ^2/NDF : 9.2/16

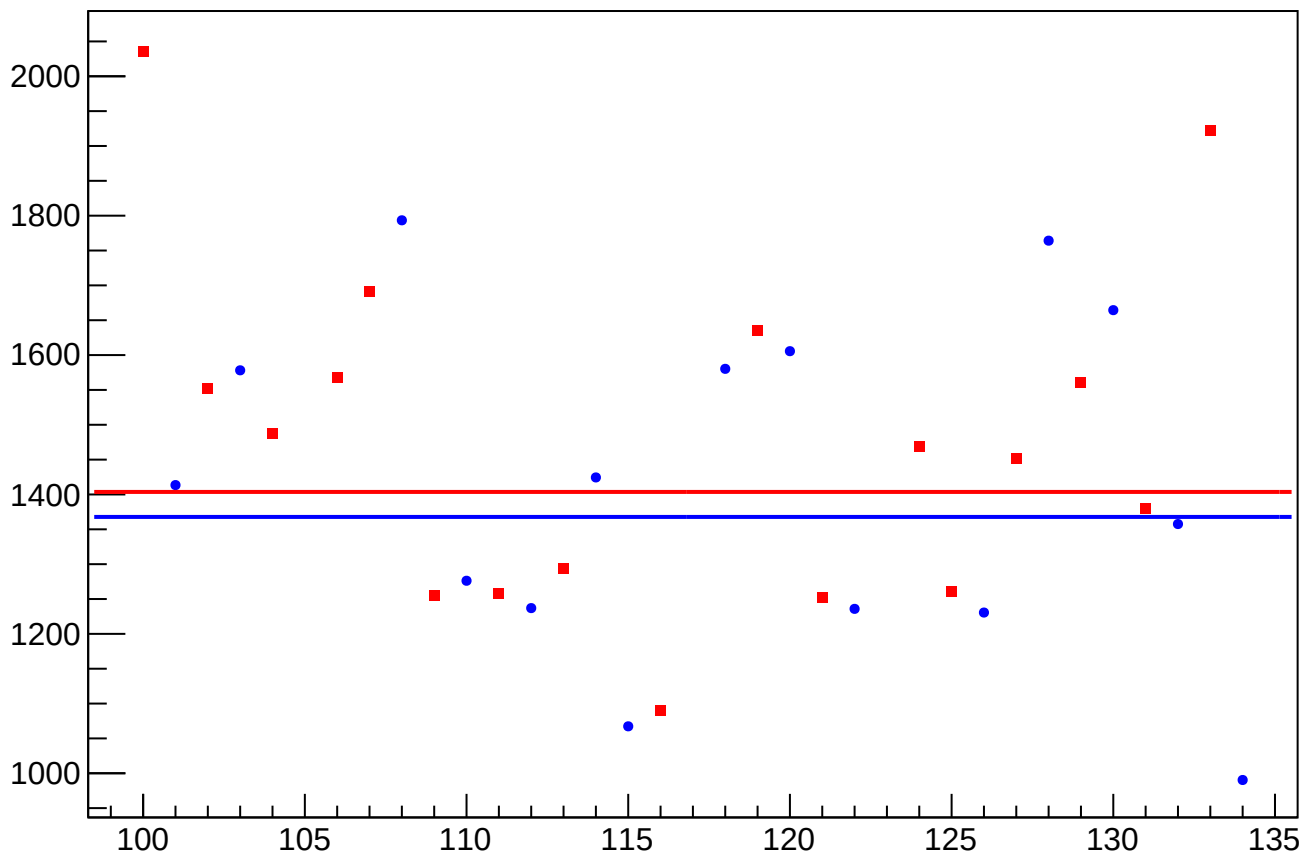
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -694.153 ± 390.106 χ^2/NDF : 26.7/31

- 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

Right Out: 1403.648+/-0.388 χ^2/NDF : 246264.9/16

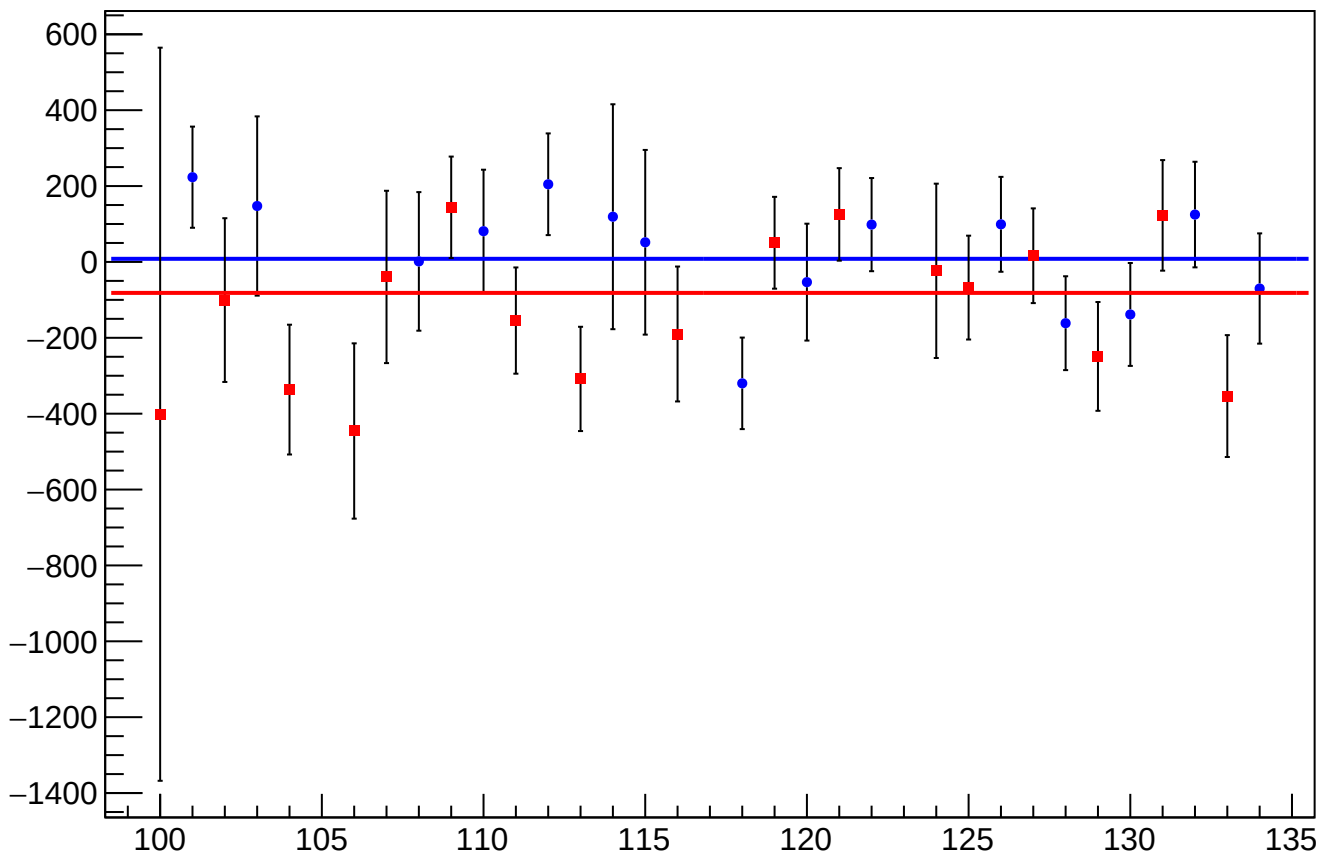
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1385.874+/-0.276 χ^2/NDF : 594716.5/31

- sign 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: -81.625+/-37.994 χ^2 /NDF: 22.0/16

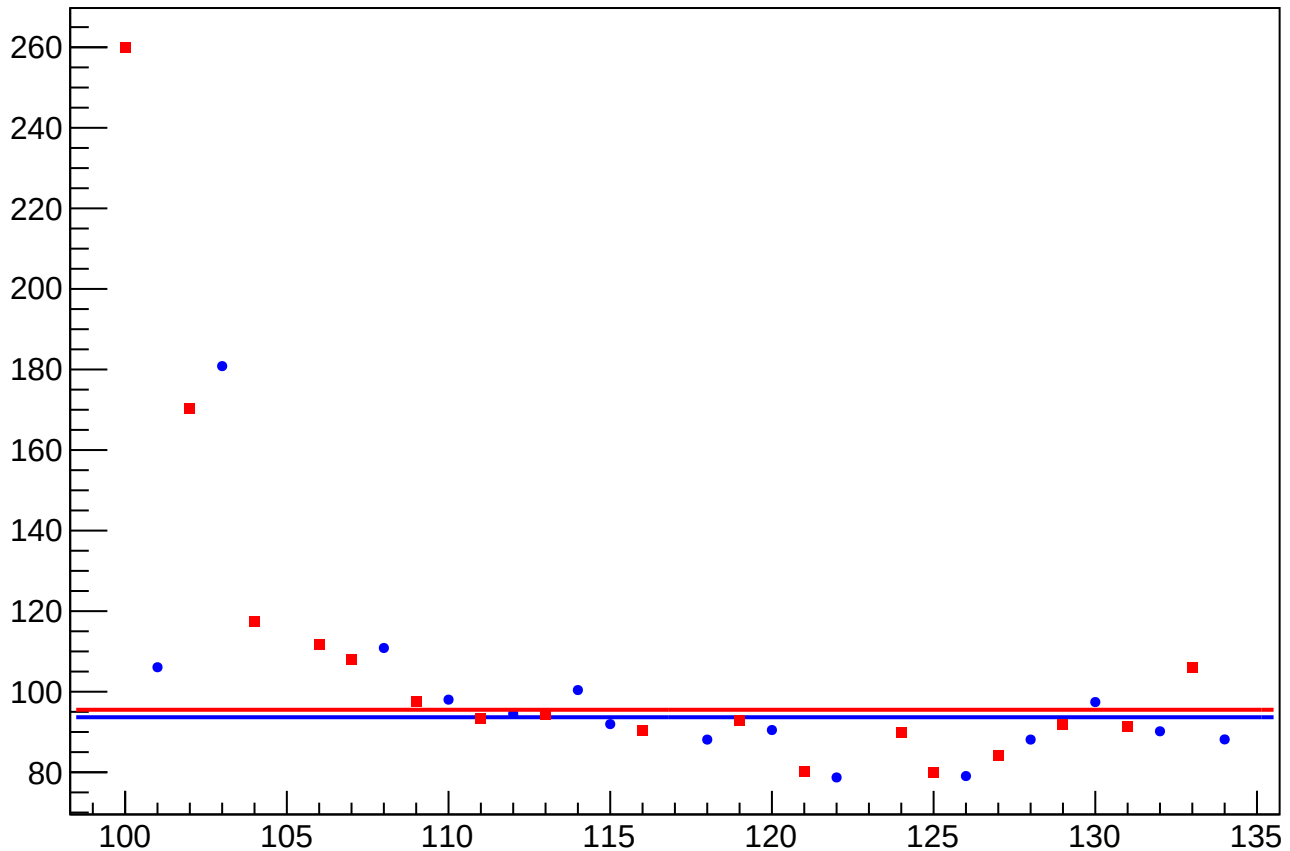
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -36.924+/-26.932 χ^2 /NDF: 43.0/31

- 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: 95.517 $\pm$ 0.027 χ^2 /NDF: 437787.5/16

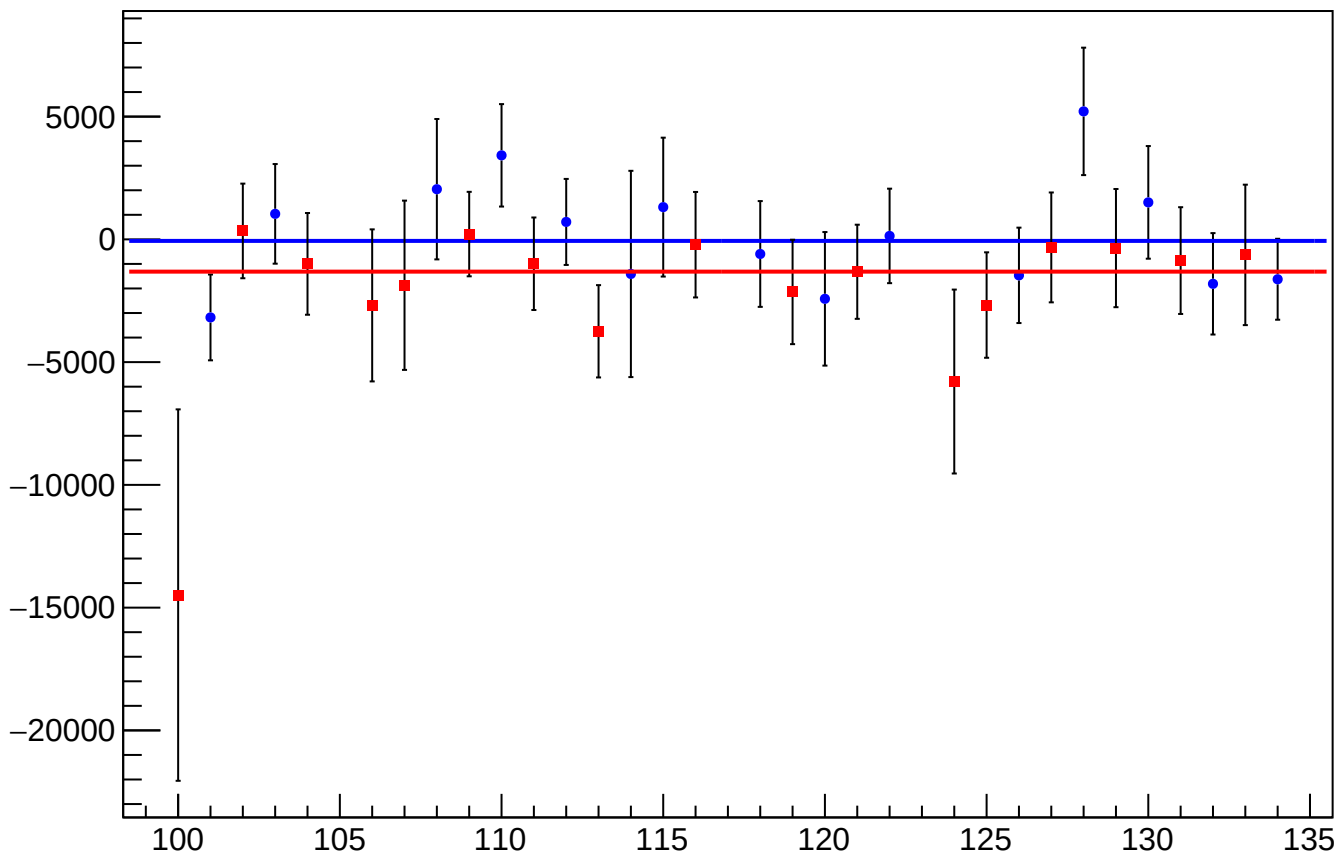
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 94.594 $\pm$ 0.019 χ^2 /NDF: 821886.6/31

- 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: -1314.480+/-549.253 χ^2/NDF : 9.2/16

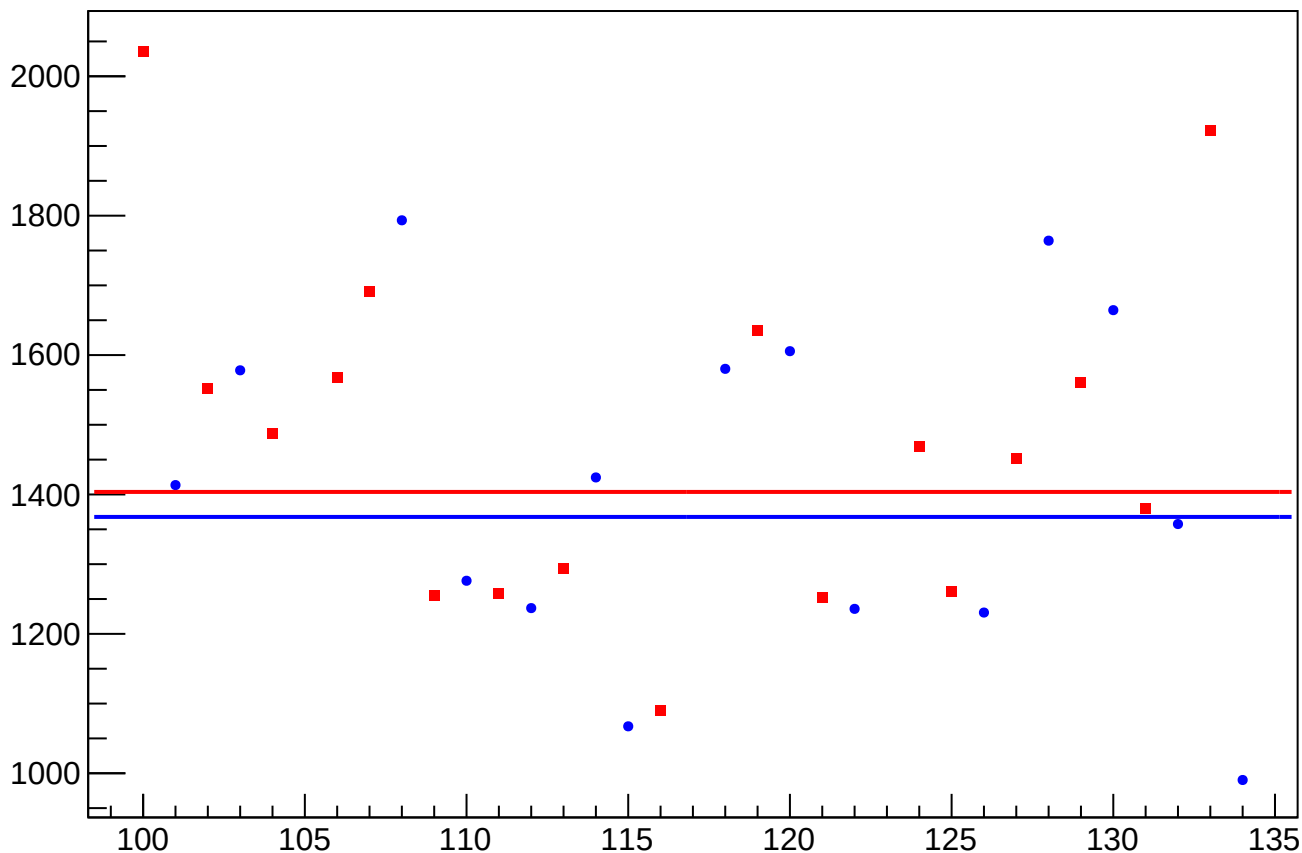
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -694.153+/-390.106 χ^2/NDF : 26.7/31

- 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 $\pm$ 0.392 χ^2 /NDF: 344225.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1403.648 $\pm$ 0.388 χ^2 /NDF: 246264.9/16

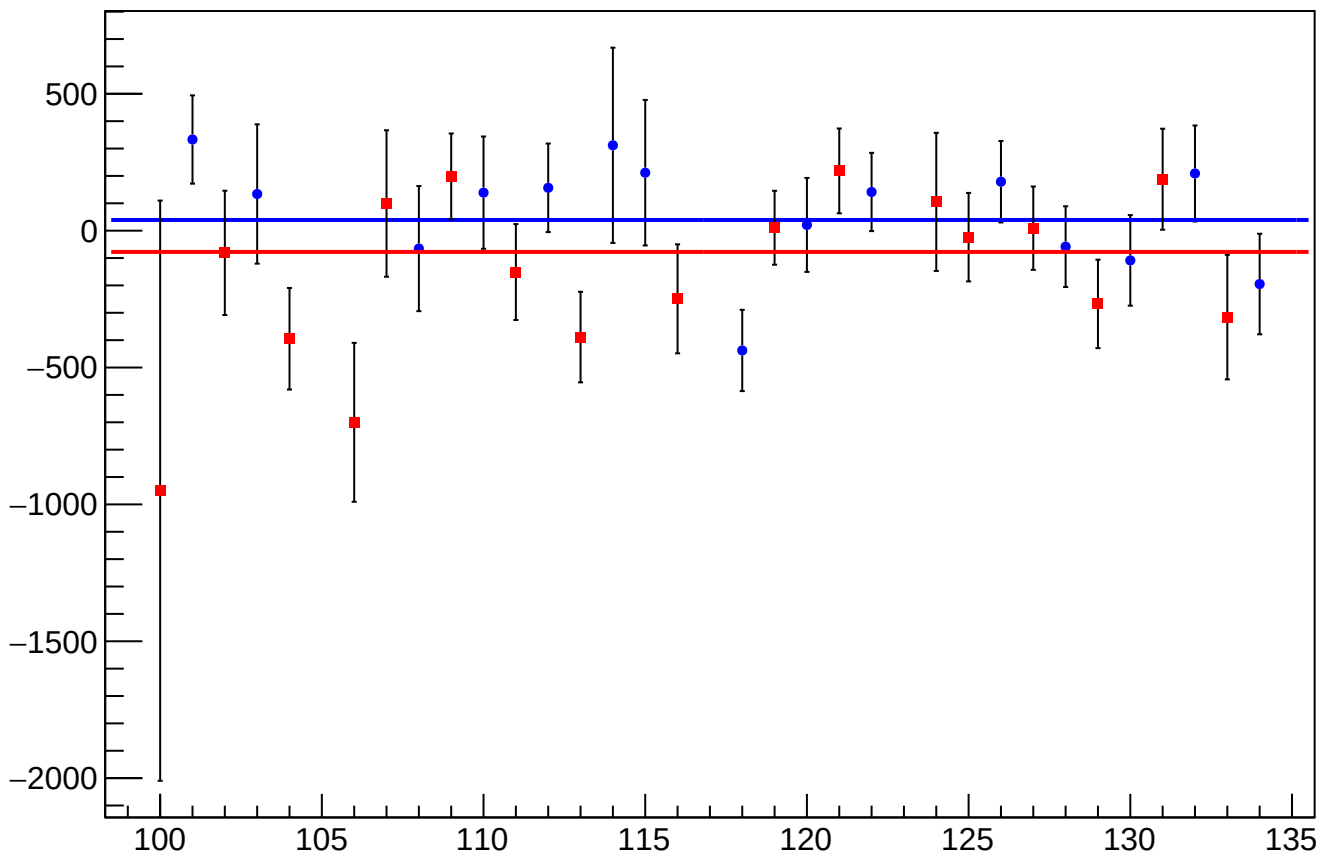
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1385.874 $\pm$ 0.276 χ^2 /NDF: 594716.5/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_2468_avg_mean vs Slug



Right In: 39.100 $\pm$ 45.867 χ^2 /NDF: 21.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -77.635 $\pm$ 45.126 χ^2 /NDF: 25.8/16

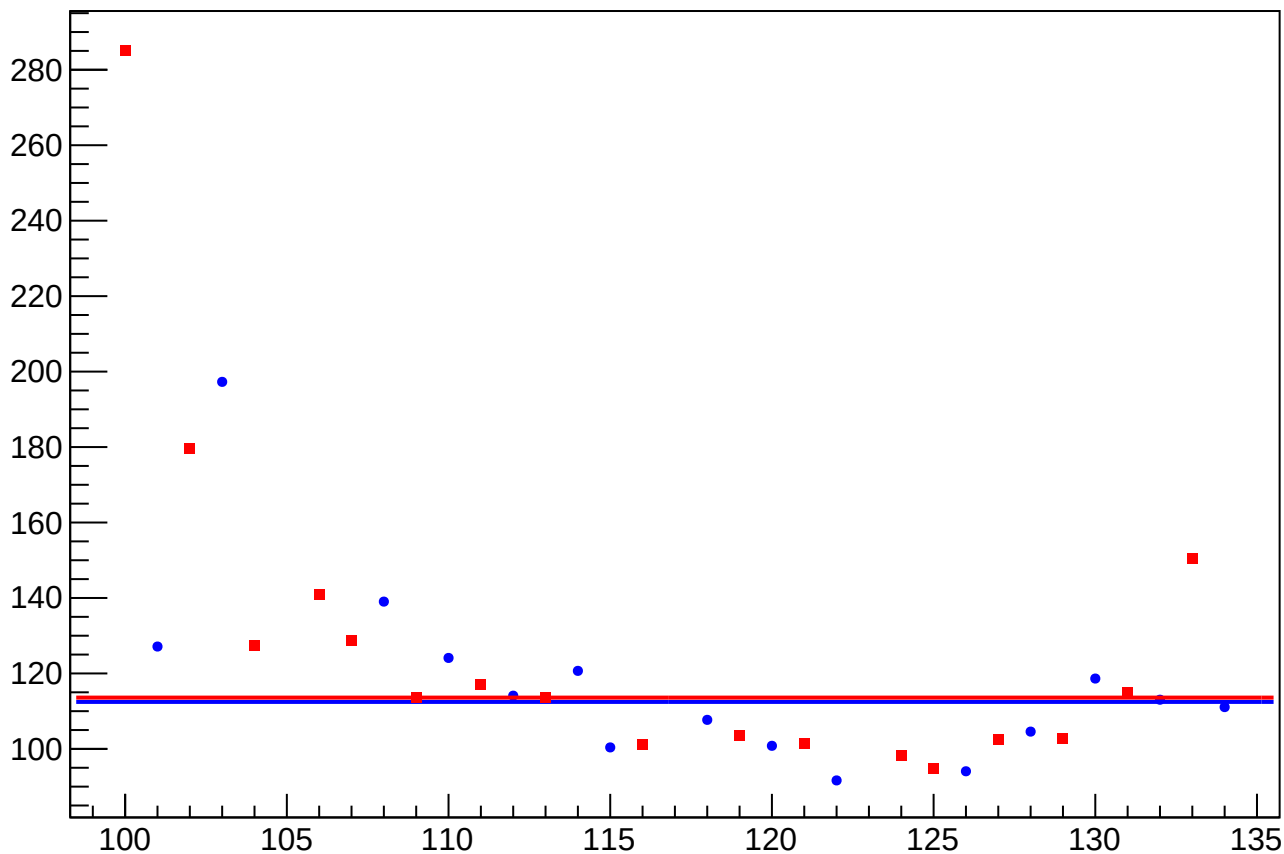
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -20.218 $\pm$ 32.168 χ^2 /NDF: 50.0/31

- sign 0.000 $\pm$ 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: 113.596+/-0.032 χ^2/NDF : 396015.3/16

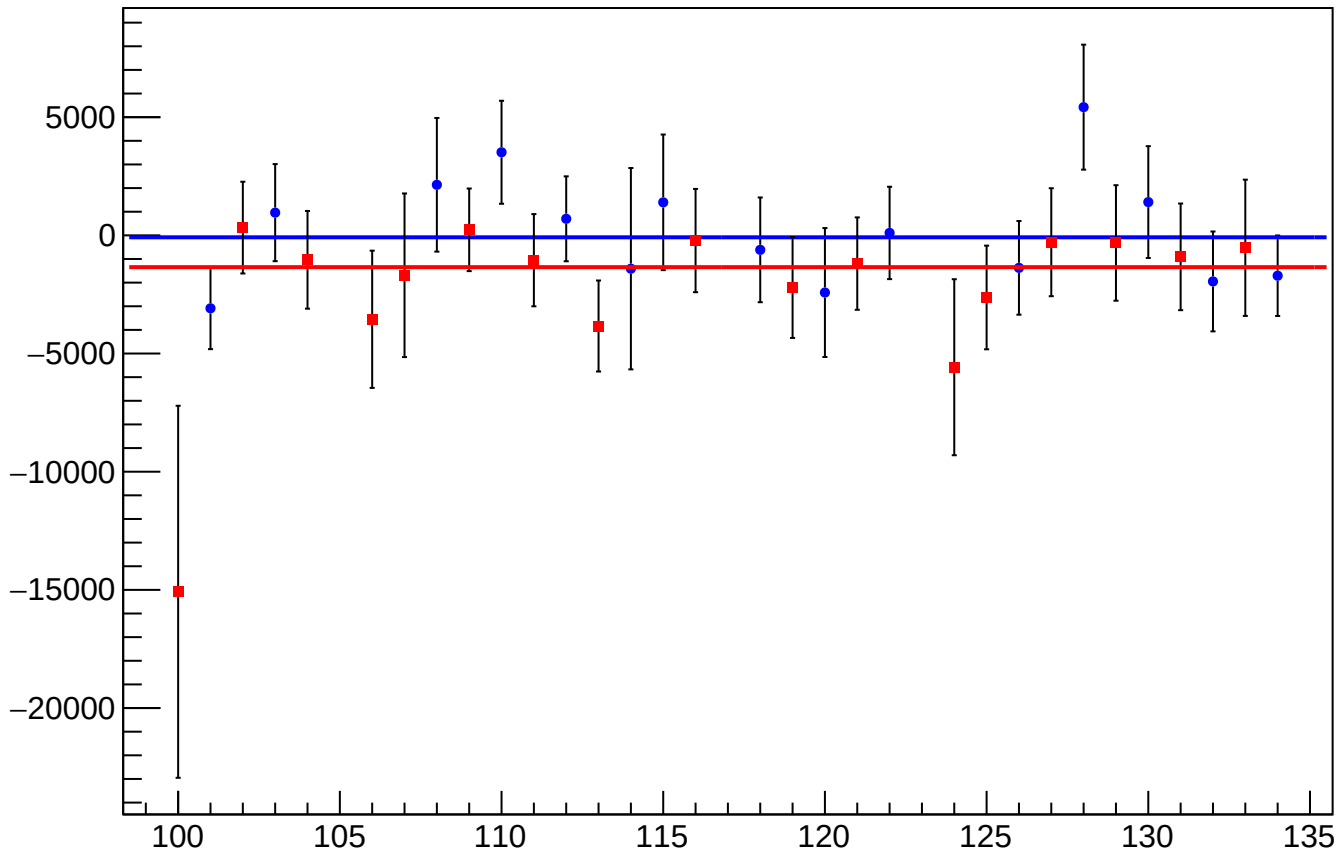
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.034+/-0.023 χ^2/NDF : 767185.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_dit_correction_mean vs Slug



Right In: -82.506 ± 564.416 χ^2/NDF : 14.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1345.304 ± 556.892 χ^2/NDF : 9.5/16

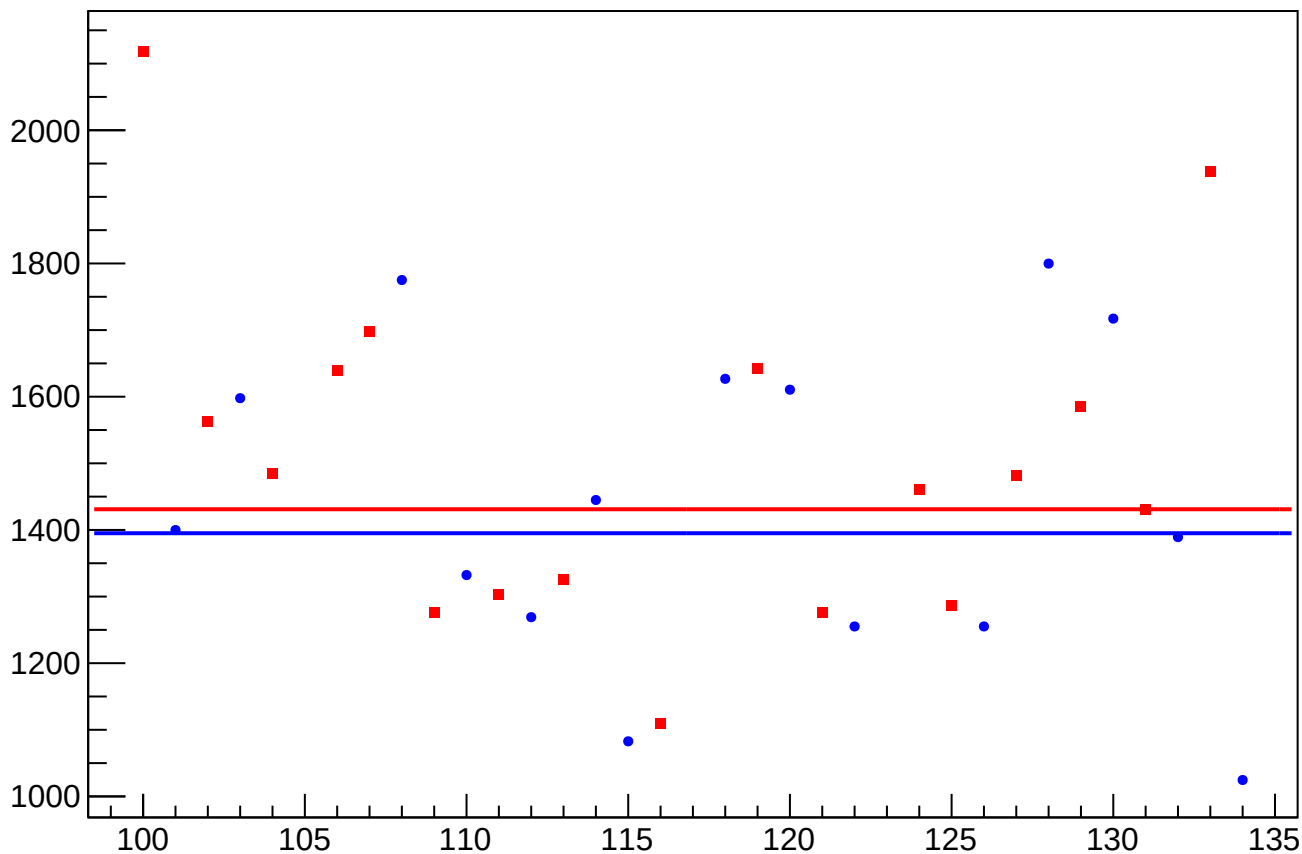
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -722.378 ± 396.415 χ^2/NDF : 26.8/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_dit_correction_rms vs Slug



Right In: 1395.079+/-0.399 χ^2/NDF : 324288.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1431.058+/-0.394 χ^2/NDF : 233316.4/16

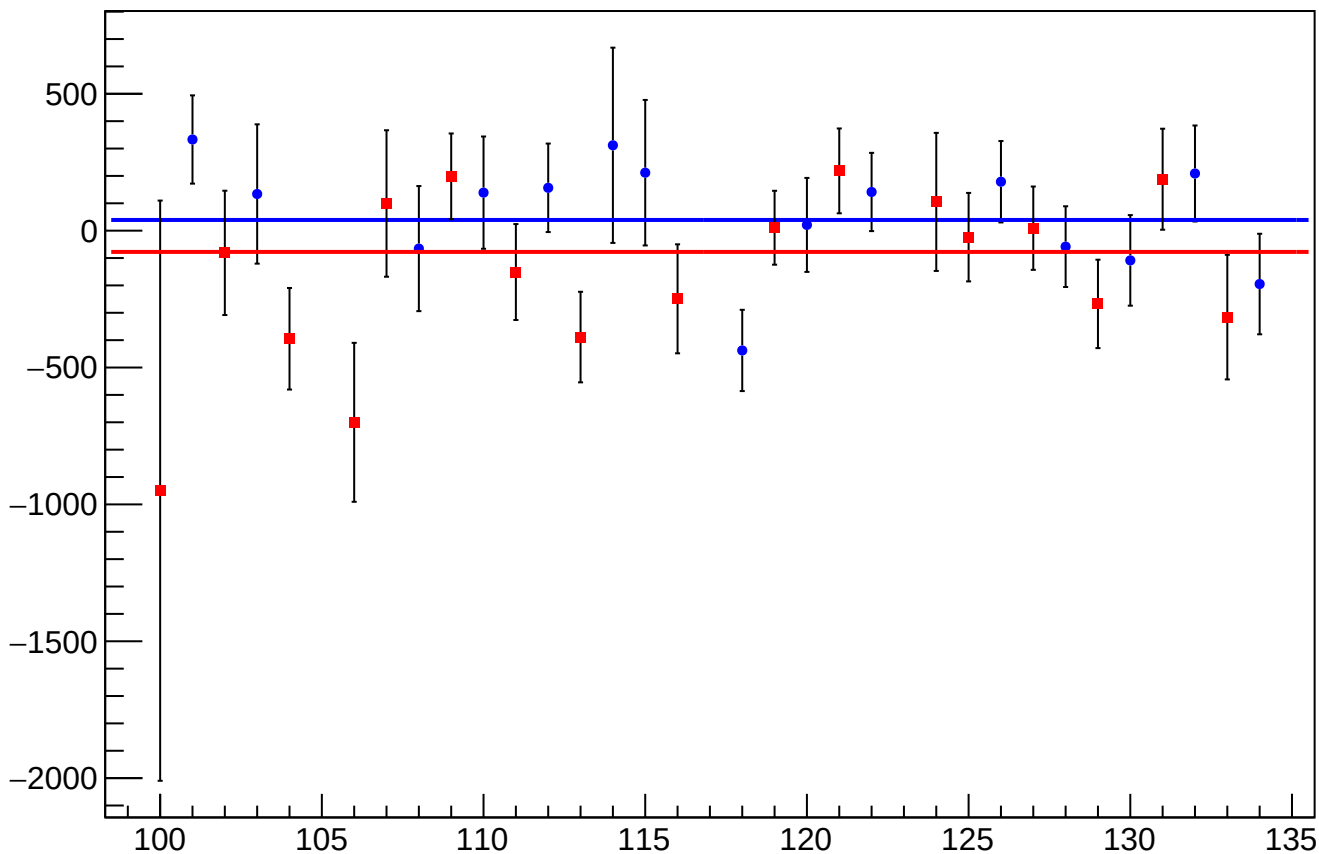
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1413.310+/-0.280 χ^2/NDF : 561723.1/31

- sign 0.000+/-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: -77.633+/-45.126 χ^2/NDF : 25.8/16

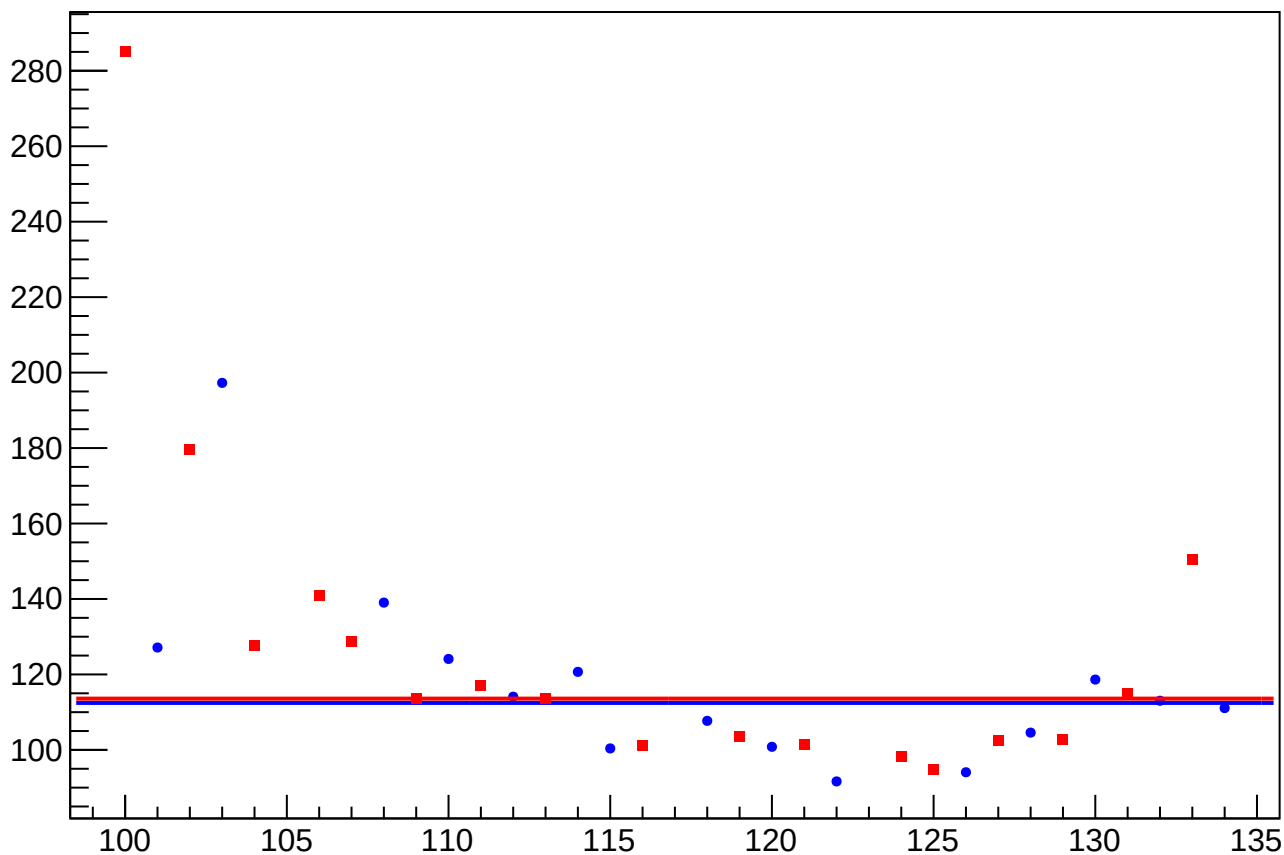
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.217+/-32.168 χ^2/NDF : 50.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_2468_avg_rms vs Slug



Right In: 112.452+/-0.032 χ^2/NDF : 370532.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

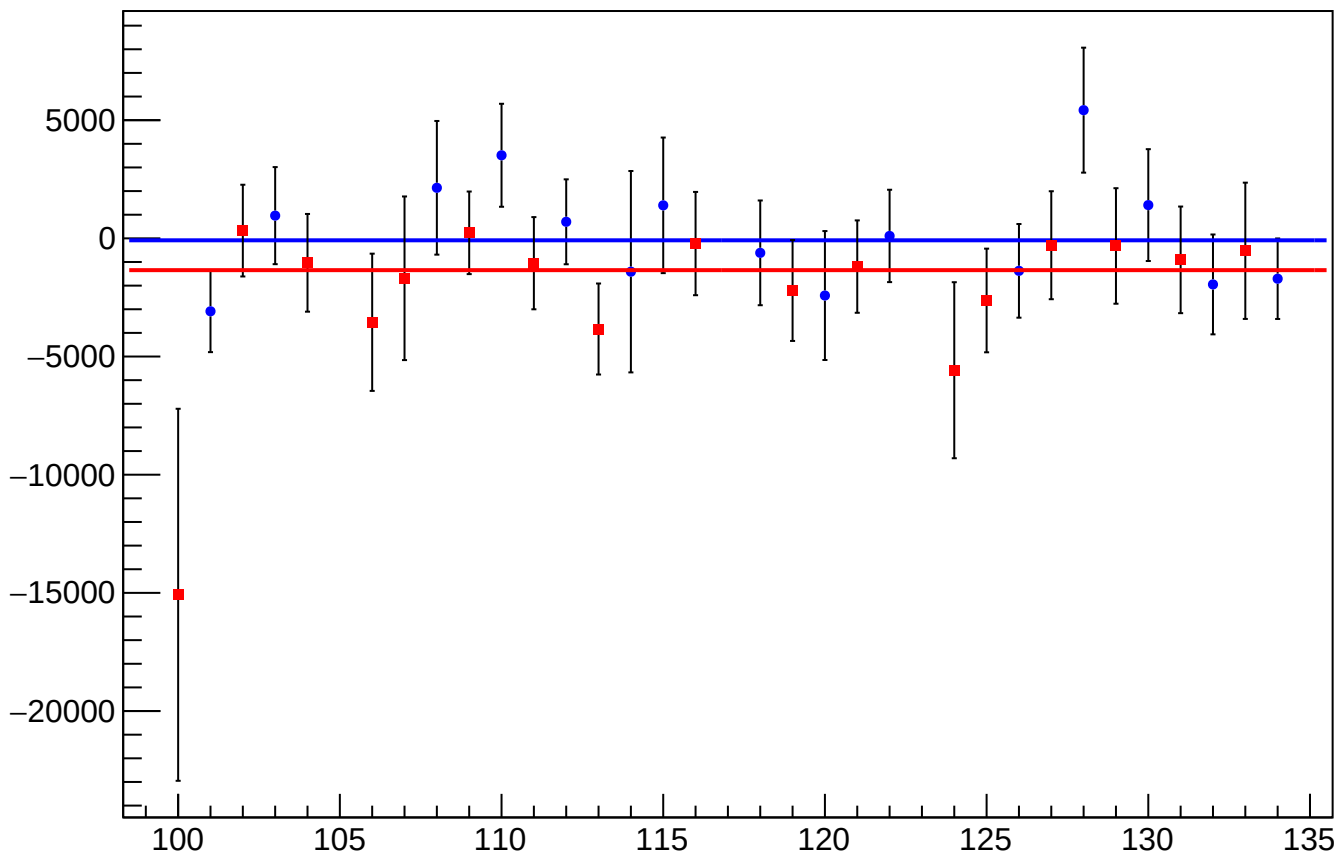
Right Out: 113.596+/-0.032 χ^2/NDF : 396019.3/16

All: 113.033+/-0.023 χ^2/NDF : 767183.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_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: -1345.301 ± 556.890 χ^2/NDF : 9.5/16

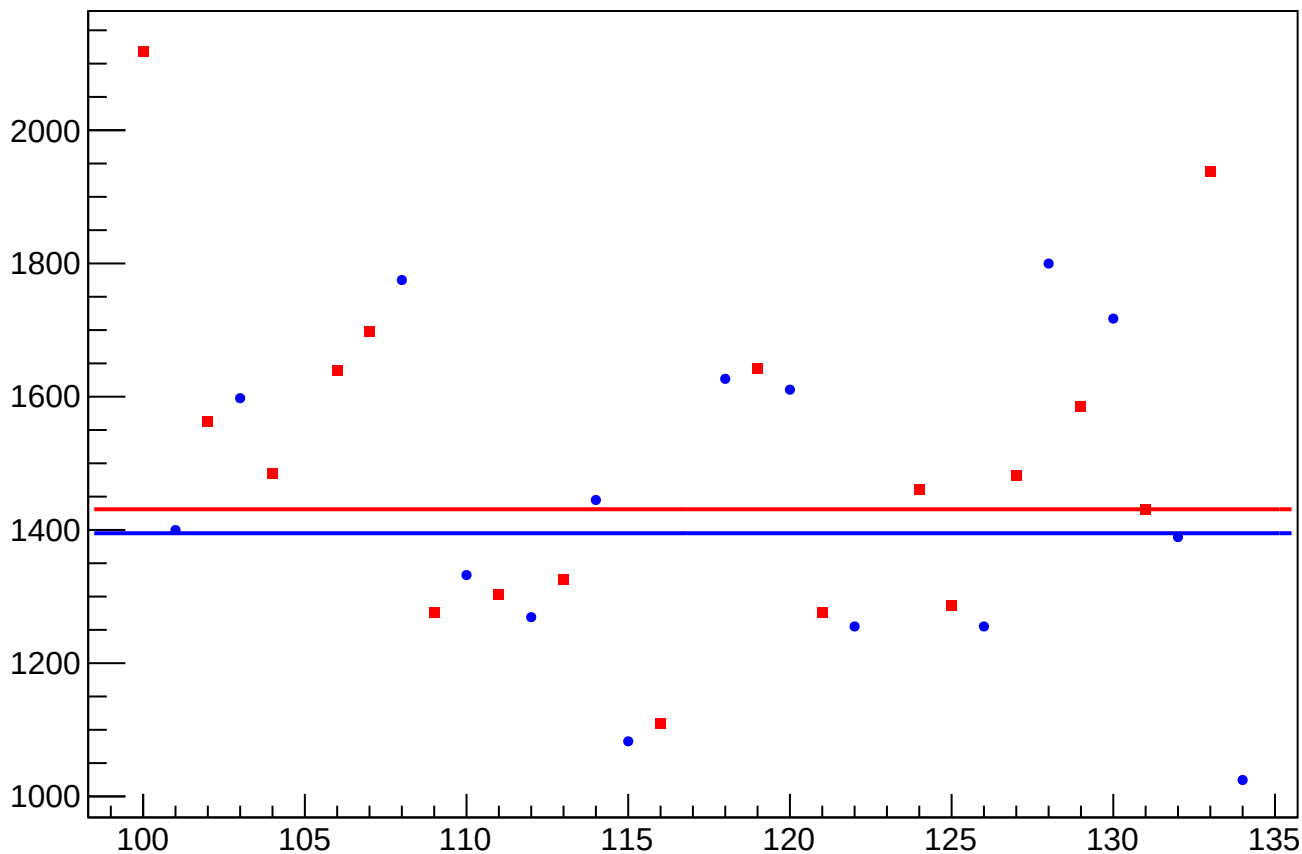
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -722.375 ± 396.414 χ^2/NDF : 26.8/31

- 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

Right Out: 1431.054+/-0.394 χ^2/NDF : 233317.6/16

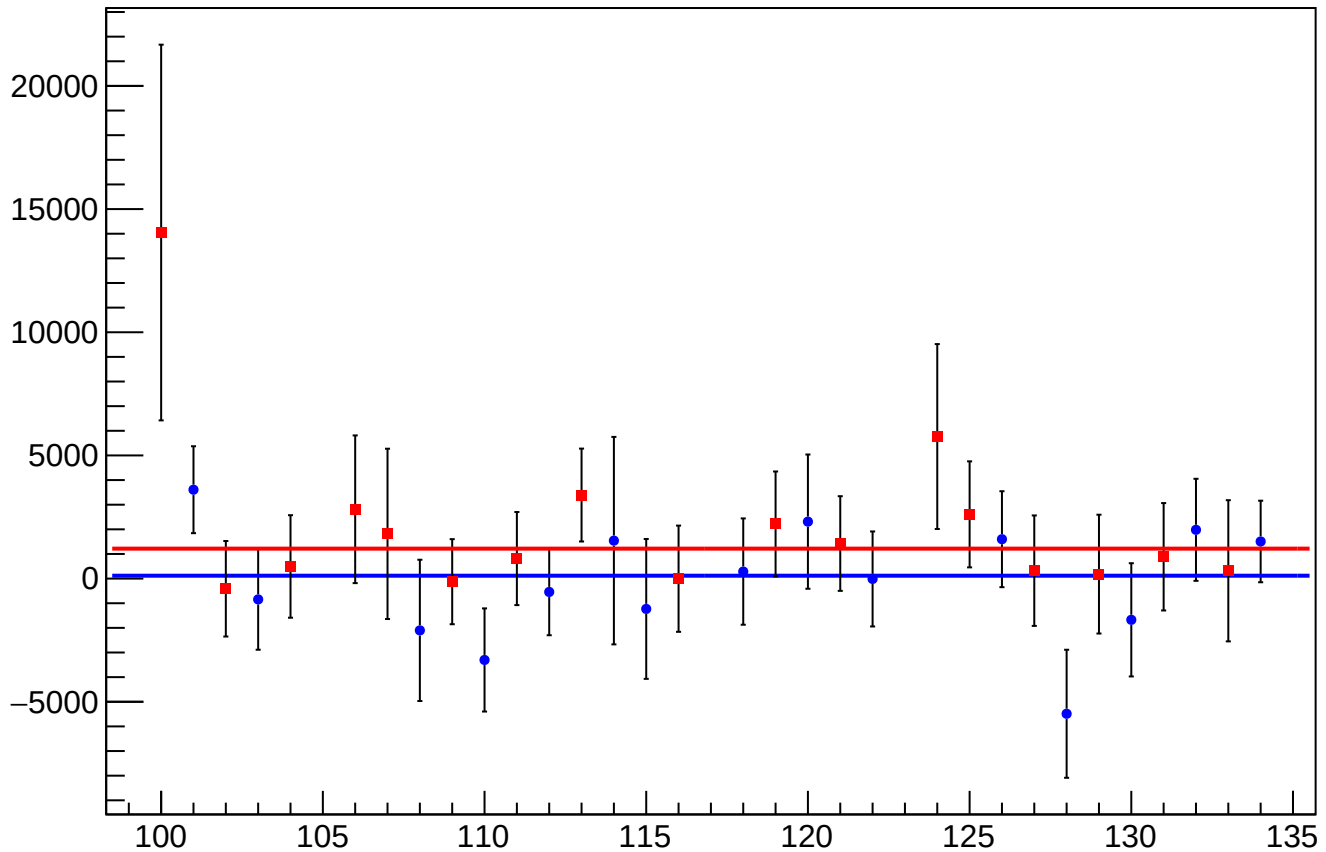
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1413.306+/-0.280 χ^2/NDF : 561723.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_mean vs Slug



Right In: 117.509+/-556.202 χ^2/NDF : 15.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1216.398+/-550.287 χ^2/NDF : 8.9/16

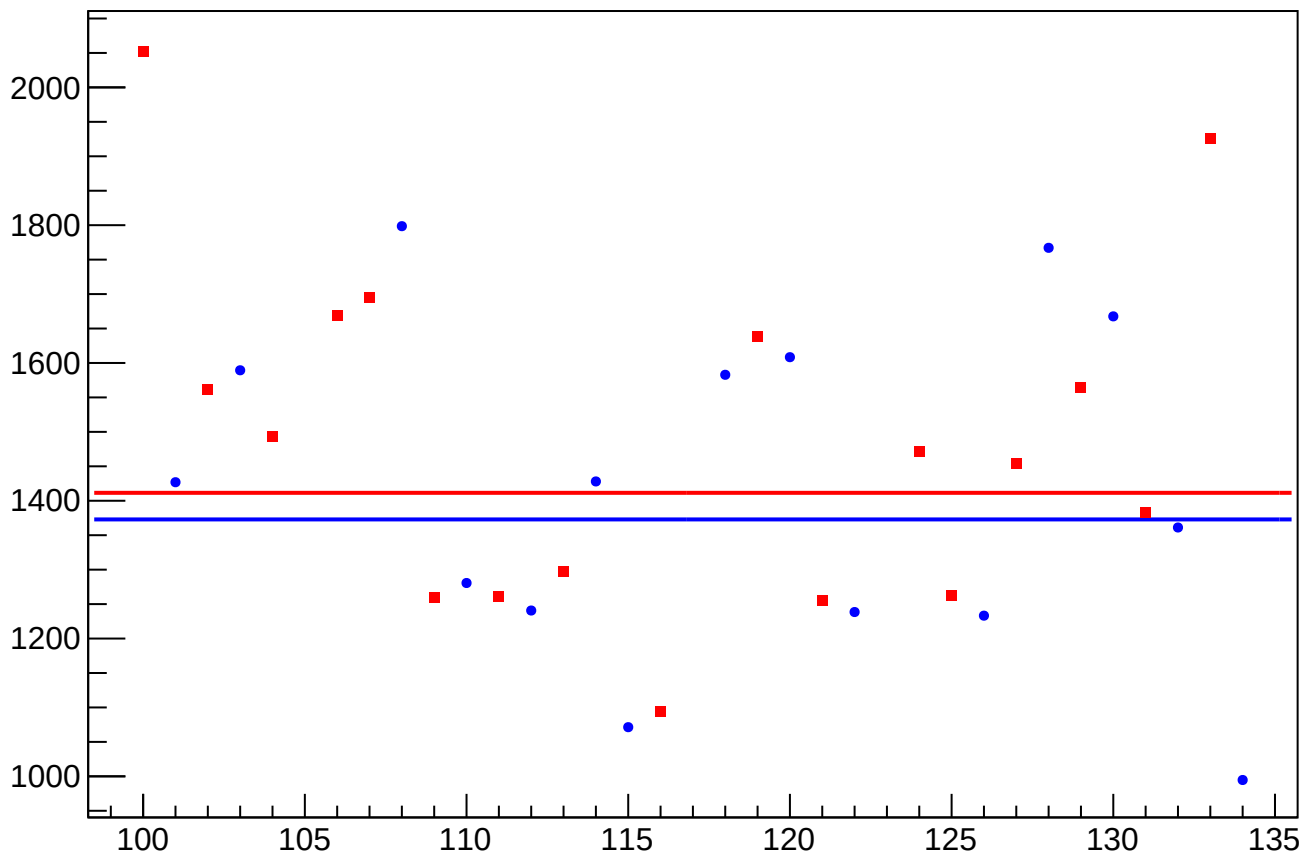
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 672.828+/-391.186 χ^2/NDF : 26.7/31

- sign 0.000+/-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

Right Out: 1411.522+/-0.389 χ^2/NDF : 255851.7/16

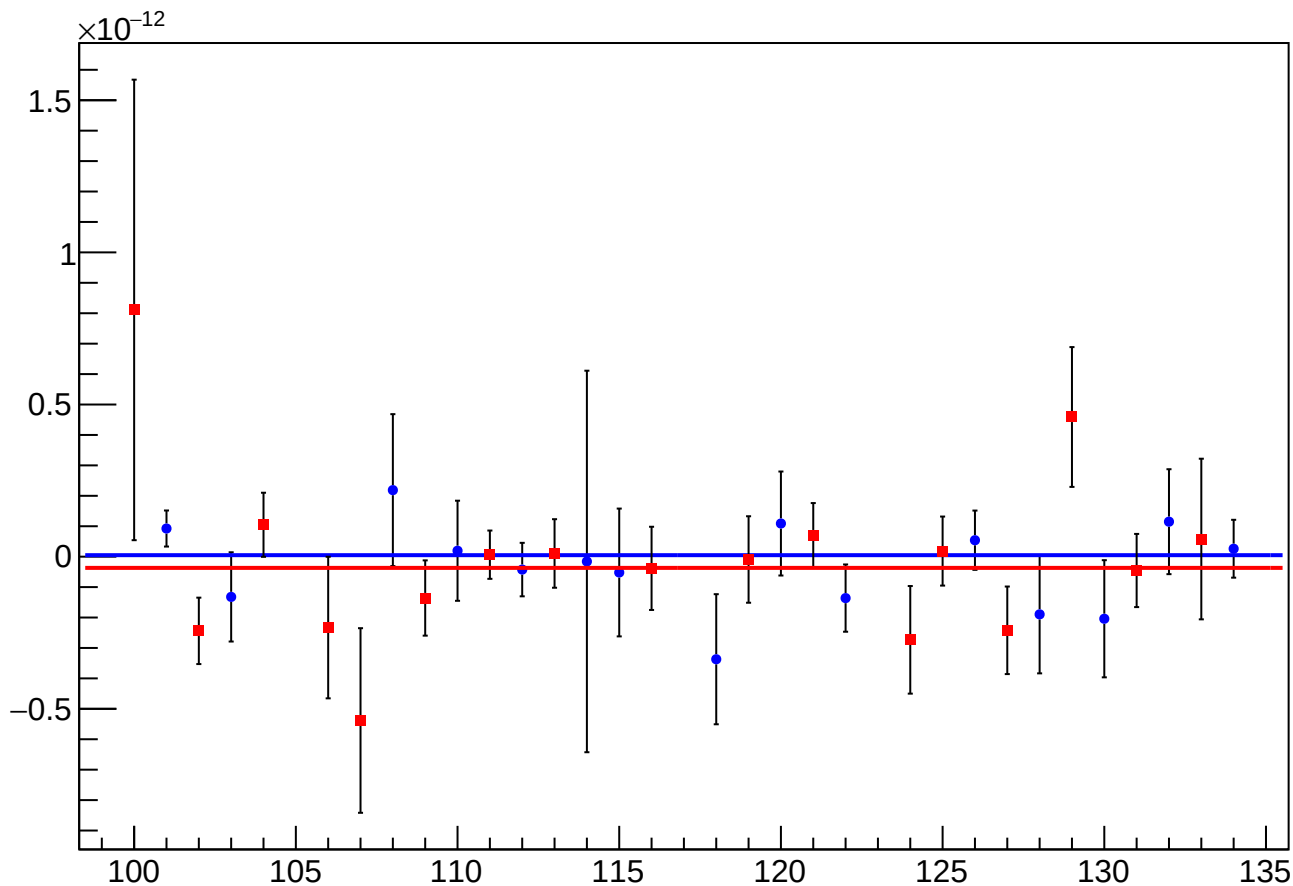
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1392.422+/-0.277 χ^2/NDF : 604471.1/31

- sign 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: 21.2/16

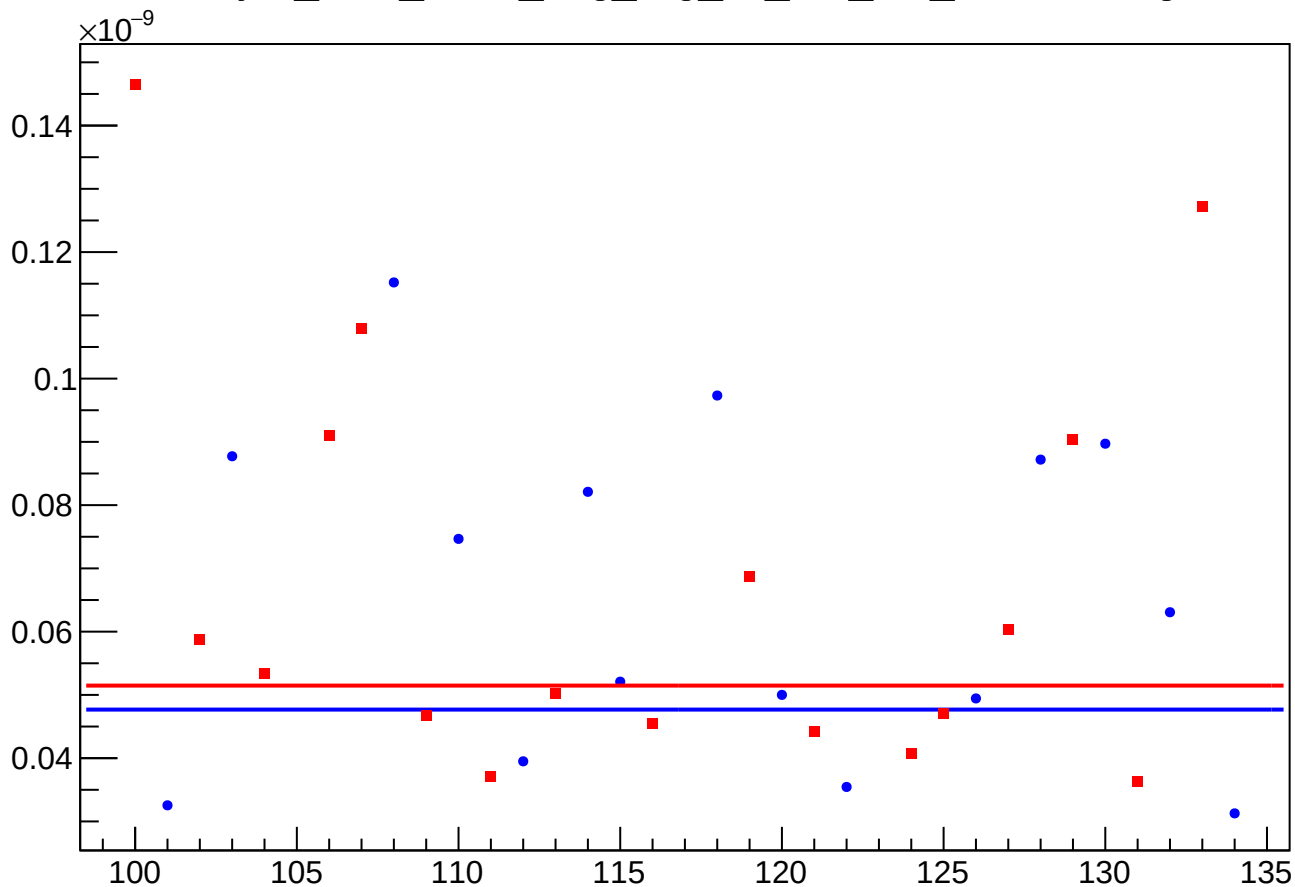
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 33.6/31

- 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 : 551053.7/16

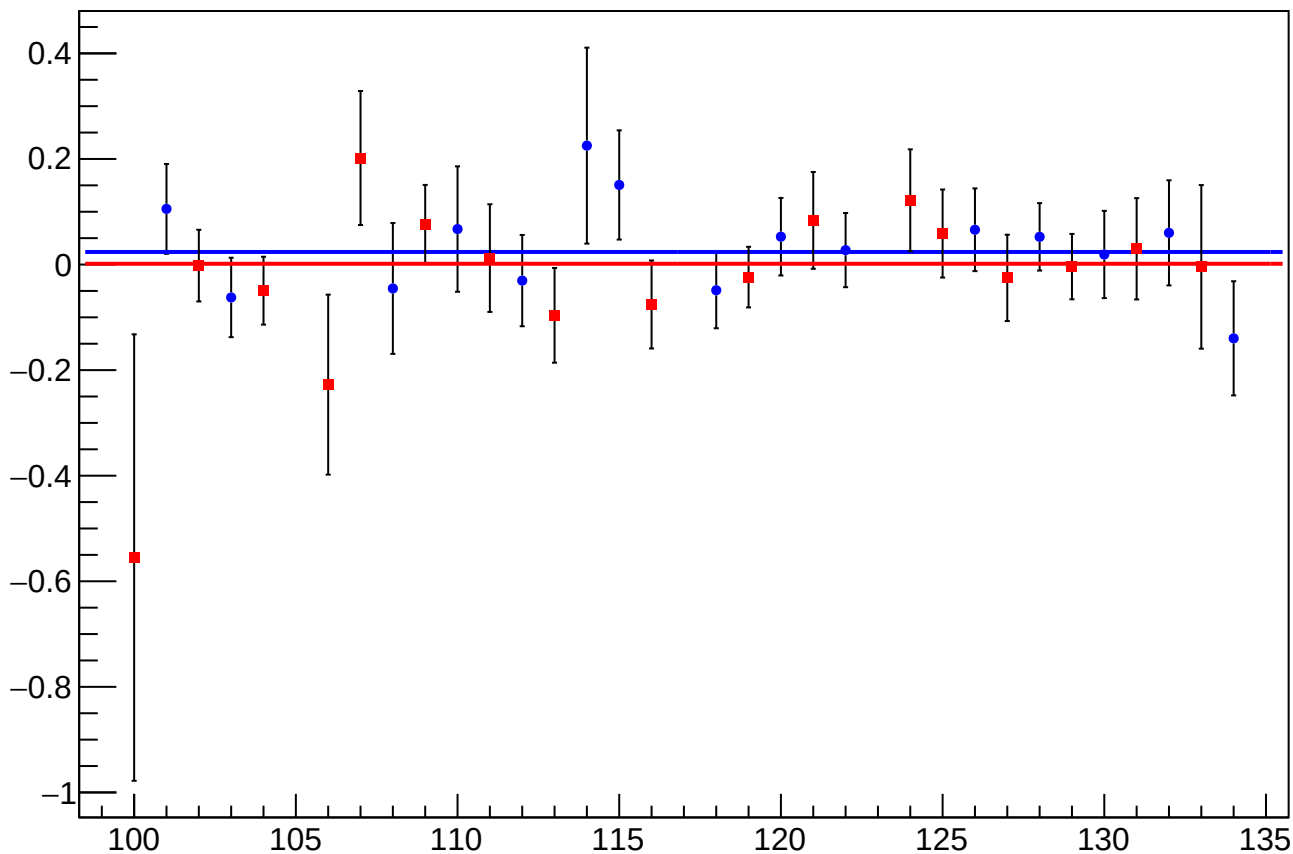
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

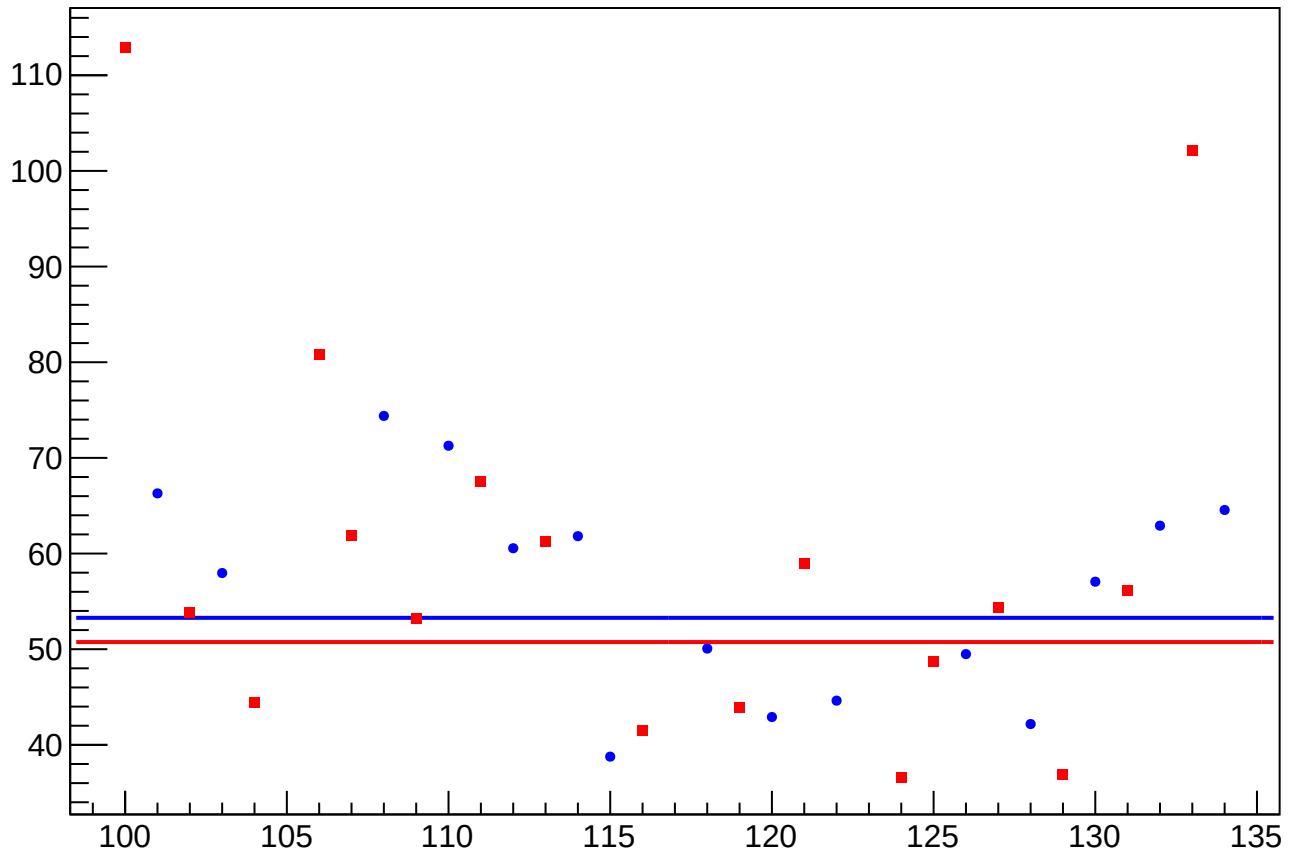
All: 0.000+/-0.000 χ^2/NDF : 1456209.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_dit_vs_cor_diff_mean vs Slug



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: 50.748+/-0.015 χ^2/NDF : 672083.1/16

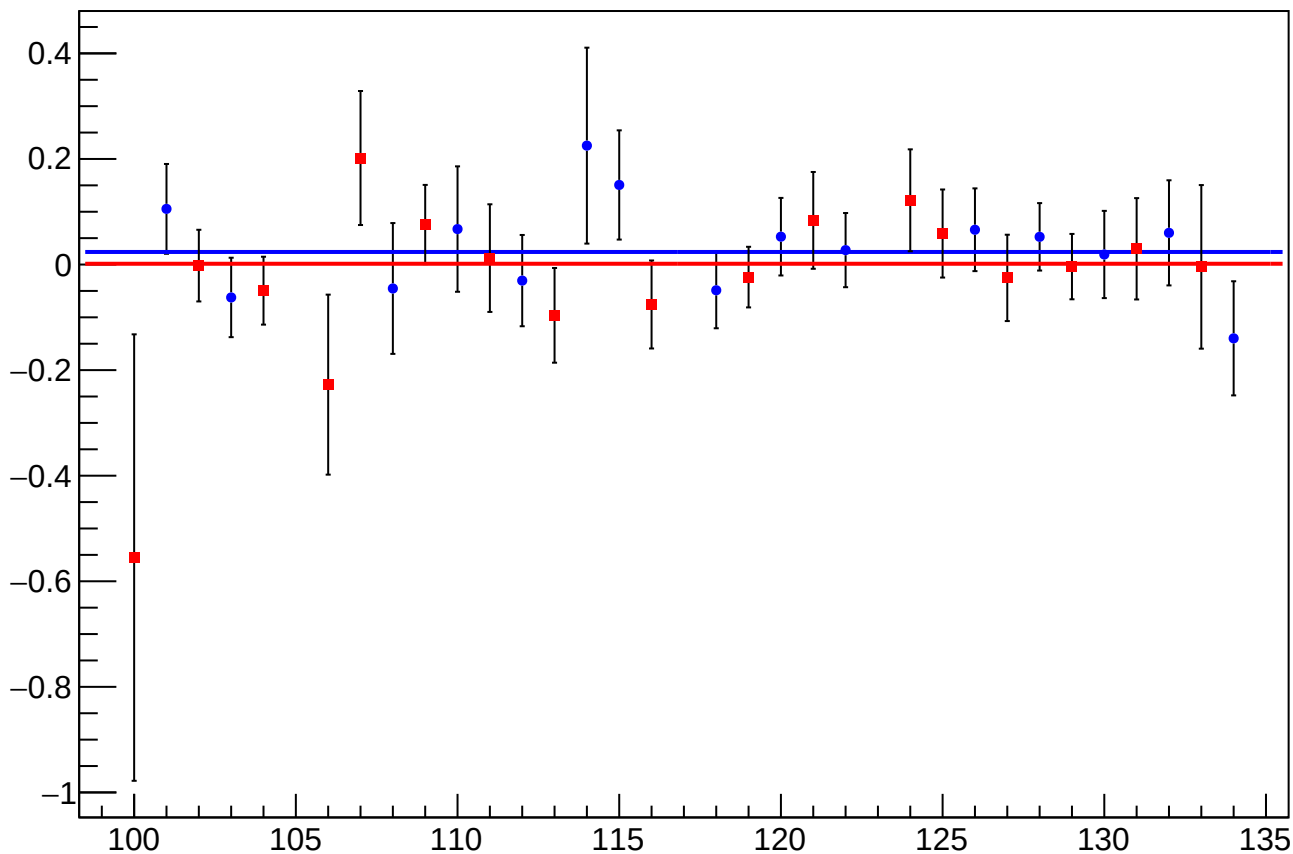
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.924+/-0.011 χ^2/NDF : 1086152.8/31

- 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: 0.001 $\pm$ 0.021 χ^2 /NDF: 12.9/16

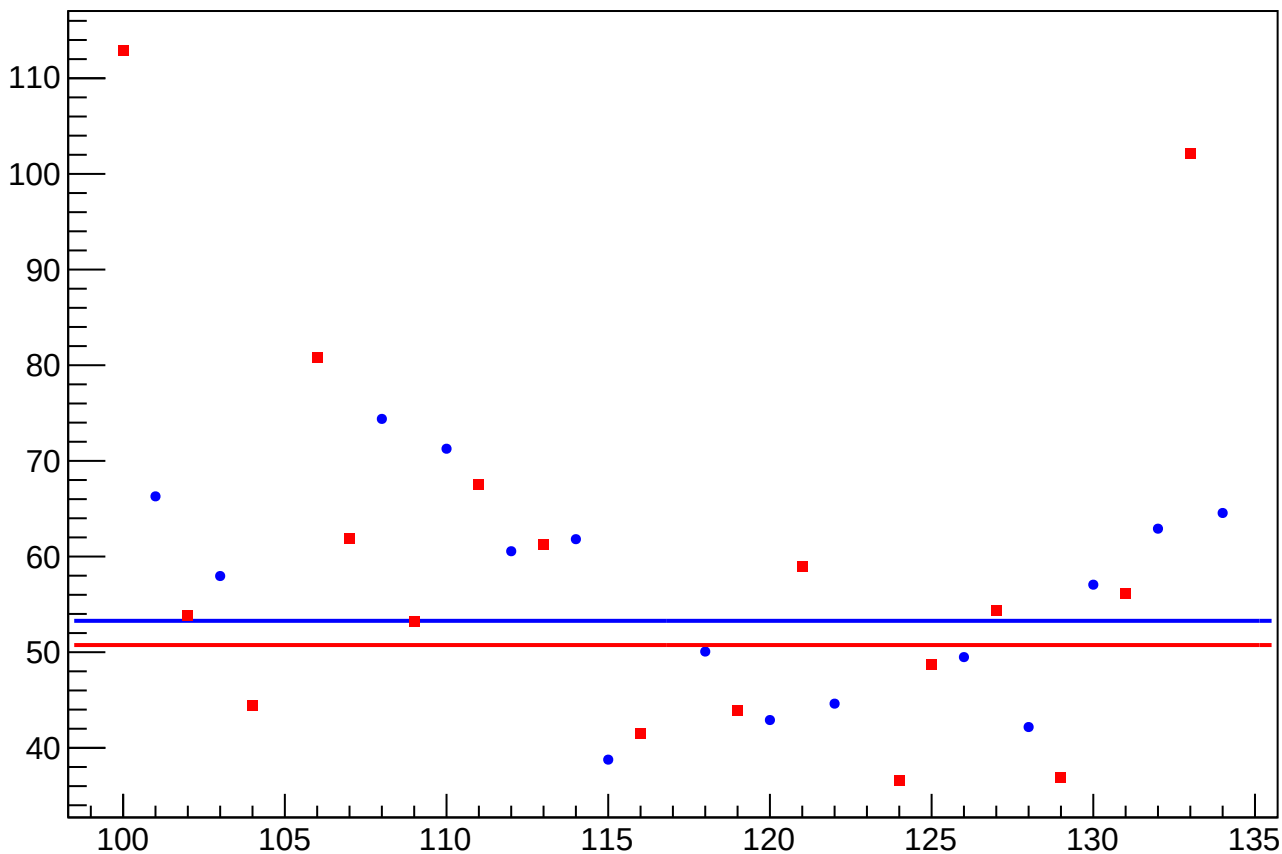
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.015 χ^2 /NDF: 23.3/31

- 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: 50.748+/-0.015 χ^2/NDF : 672083.1/16

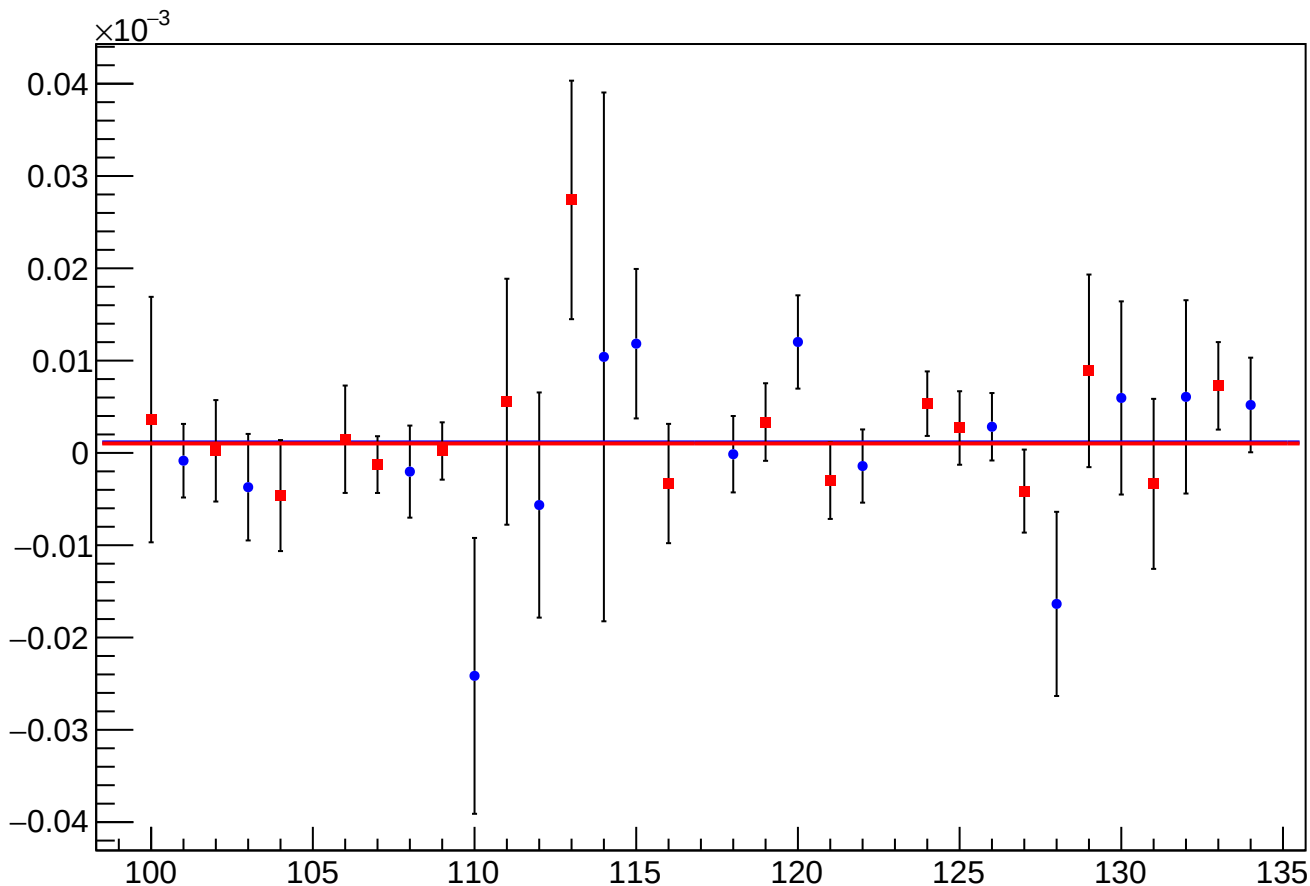
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.924+/-0.011 χ^2/NDF : 1086152.8/31

- 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: 13.1/16

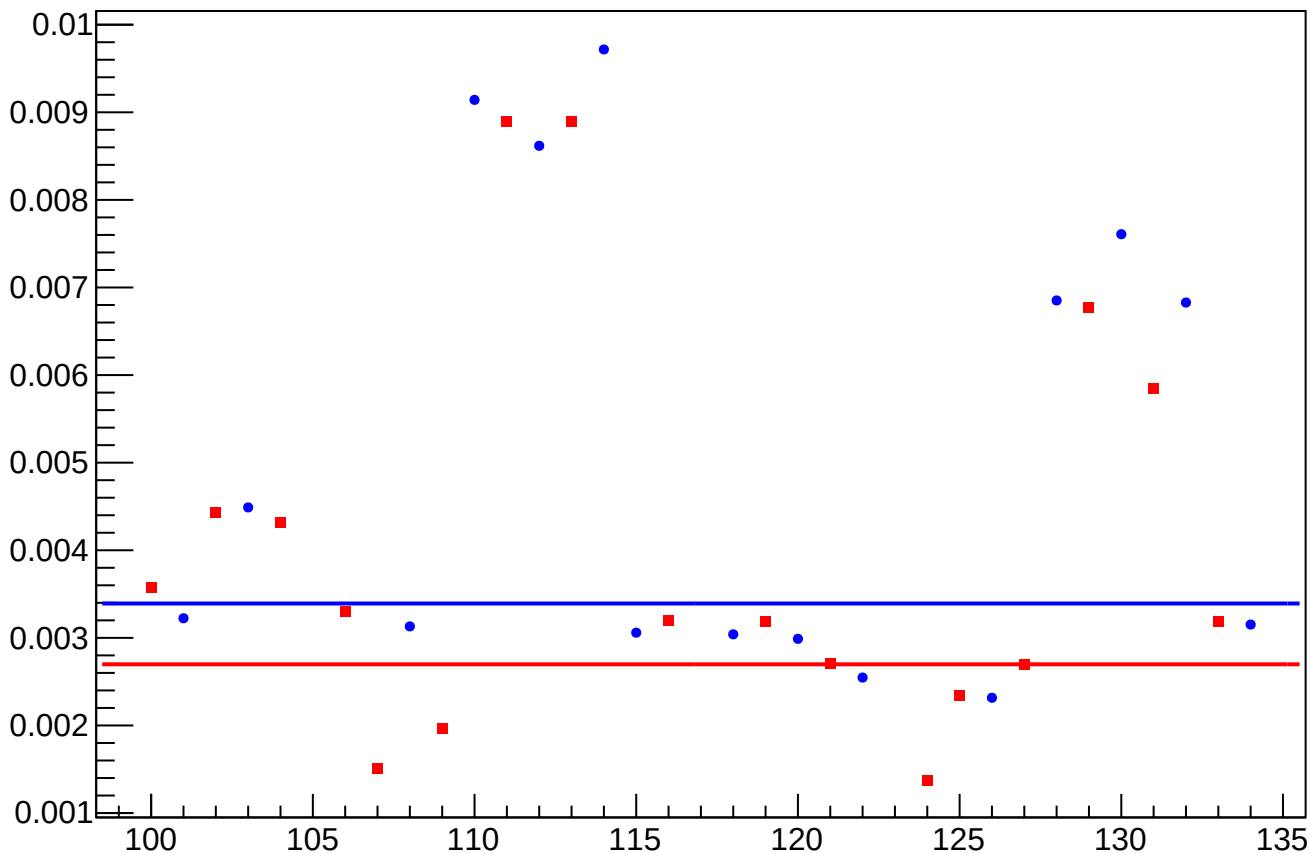
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 29.0/31

- 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 : 2583307.3/16

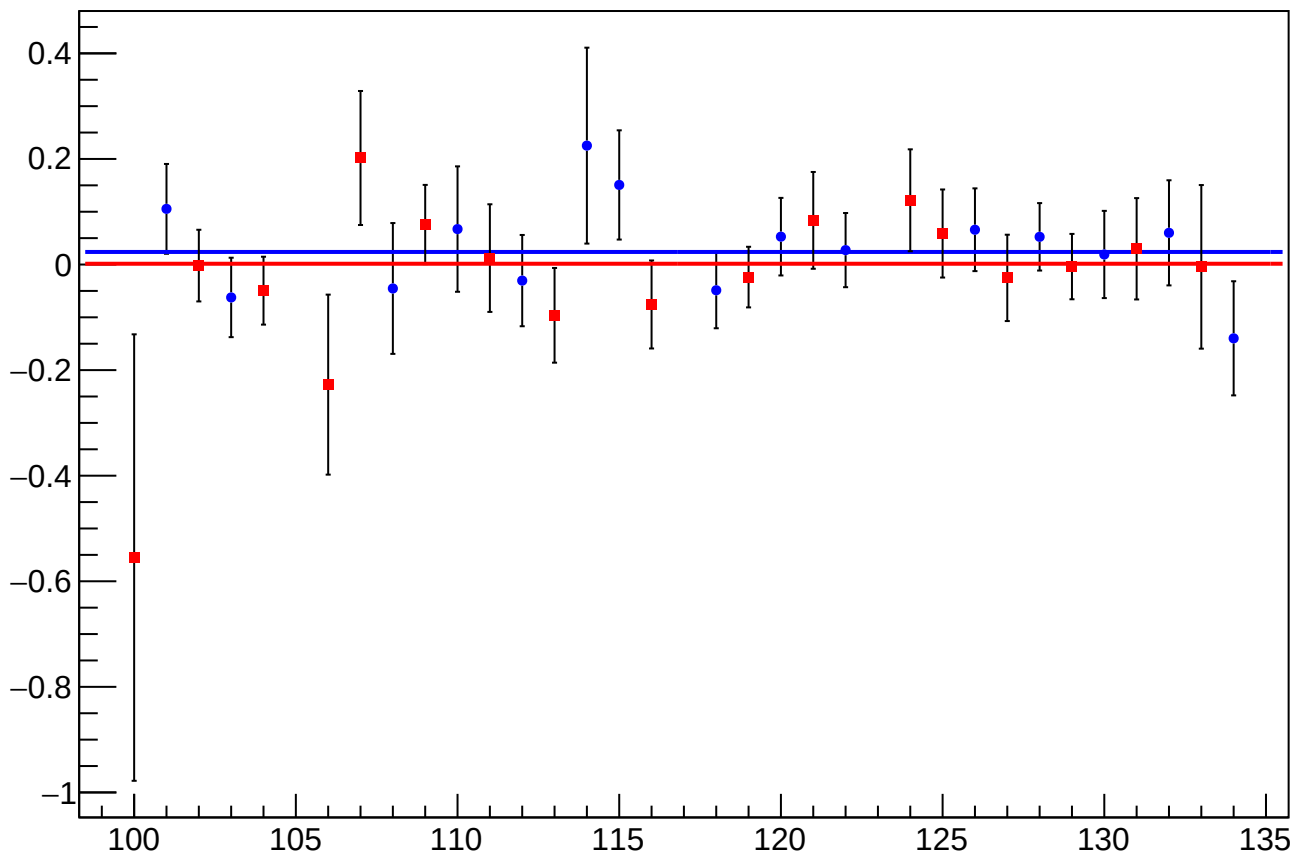
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4776026.9/31

- 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: 0.001 $\pm$ 0.021 χ^2 /NDF: 12.9/16

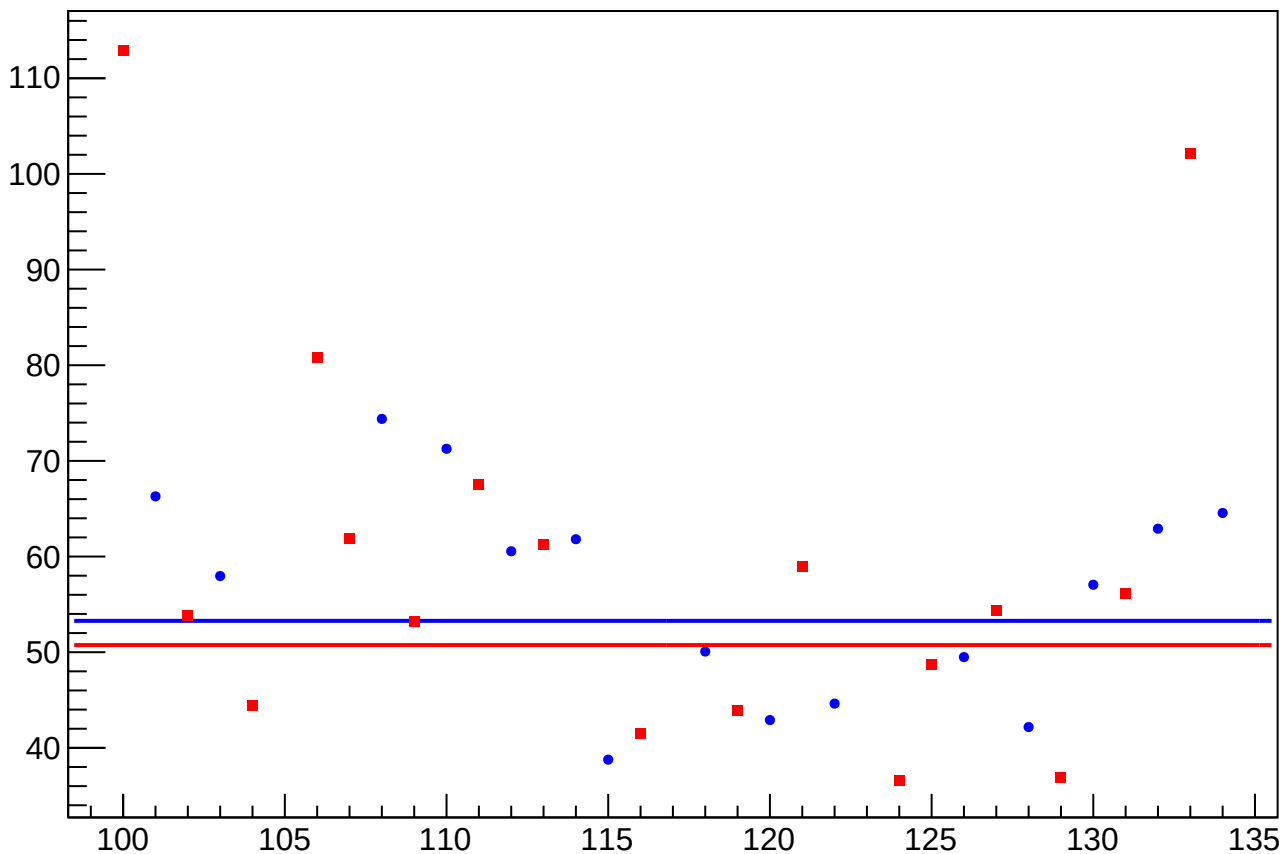
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.015 χ^2 /NDF: 23.3/31

- 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+/-0.016 χ^2/NDF : 400108.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.746+/-0.015 χ^2/NDF : 672094.6/16

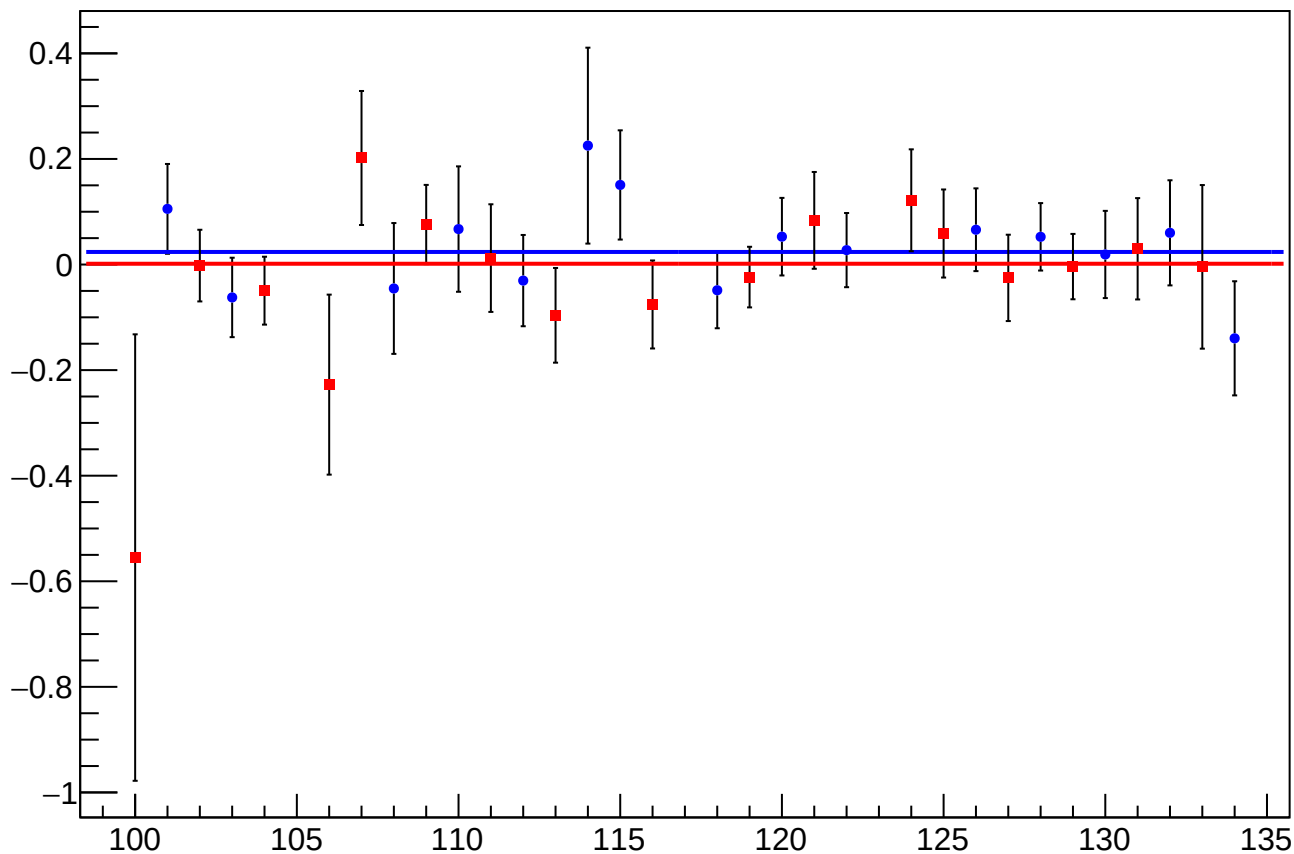
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.923+/-0.011 χ^2/NDF : 1086125.6/31

- sign 0.000+/-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 $\pm$ 0.022 χ^2 /NDF: 9.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.021 χ^2 /NDF: 12.9/16

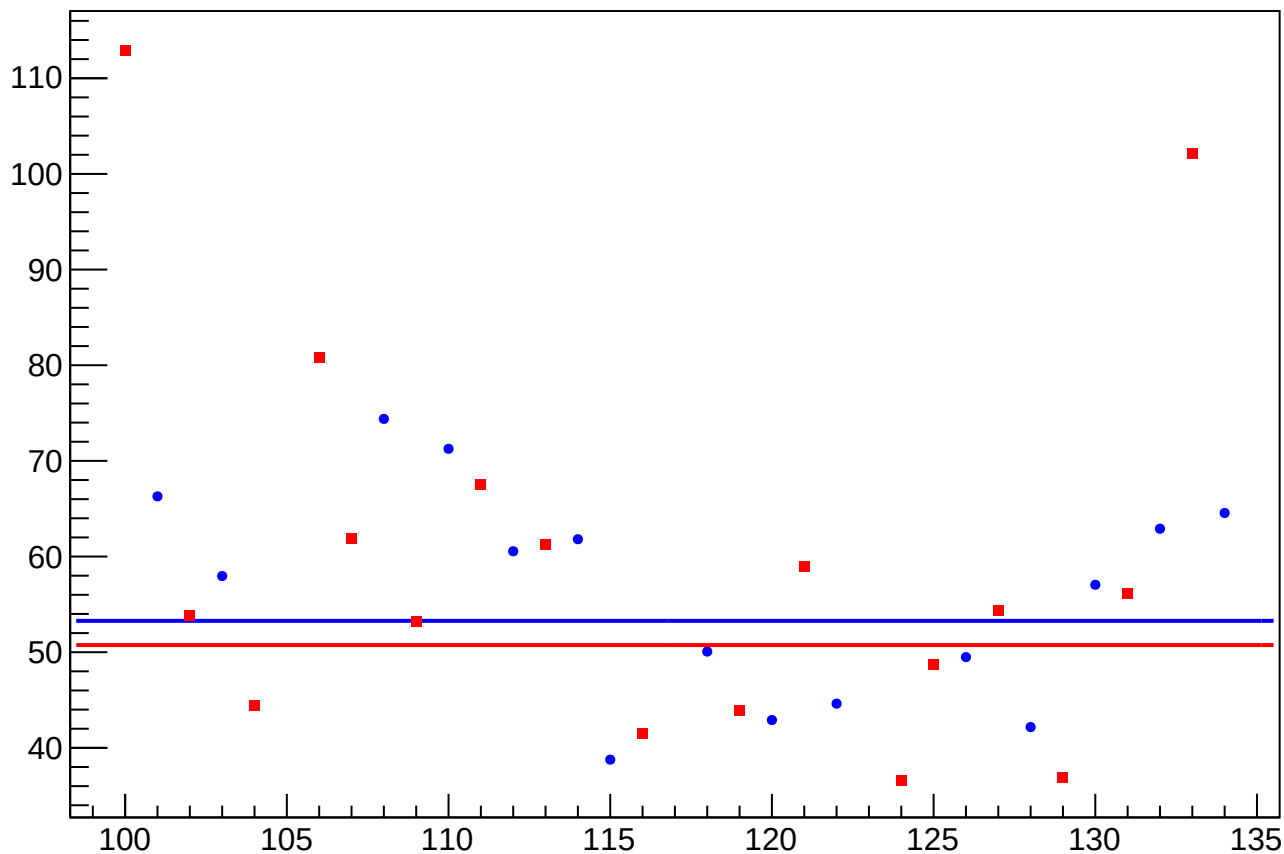
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.015 χ^2 /NDF: 23.3/31

- sign 0.000 $\pm$ 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: 50.746+/-0.015 χ^2/NDF : 672094.6/16

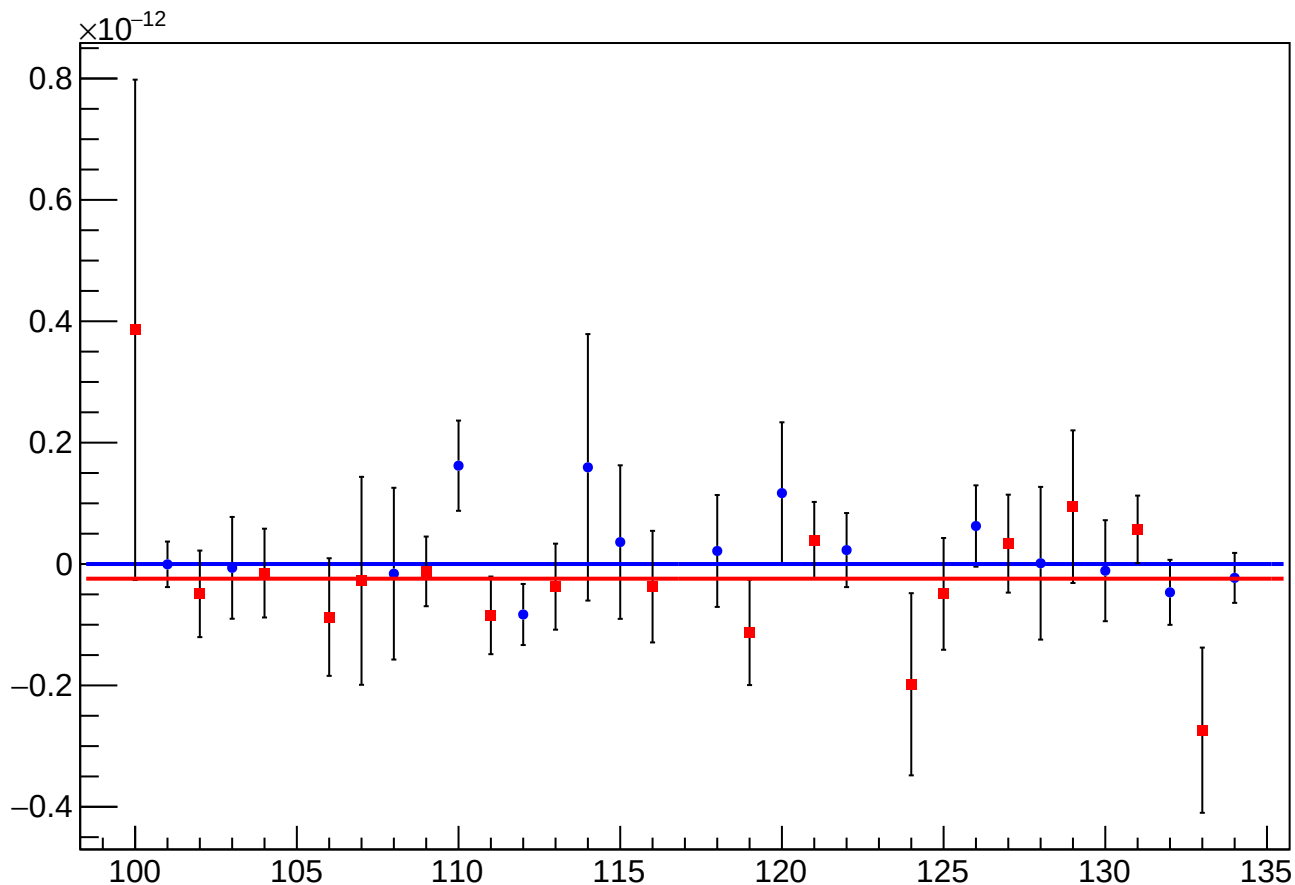
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.923+/-0.011 χ^2/NDF : 1086125.6/31

- 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 : 12.9/16

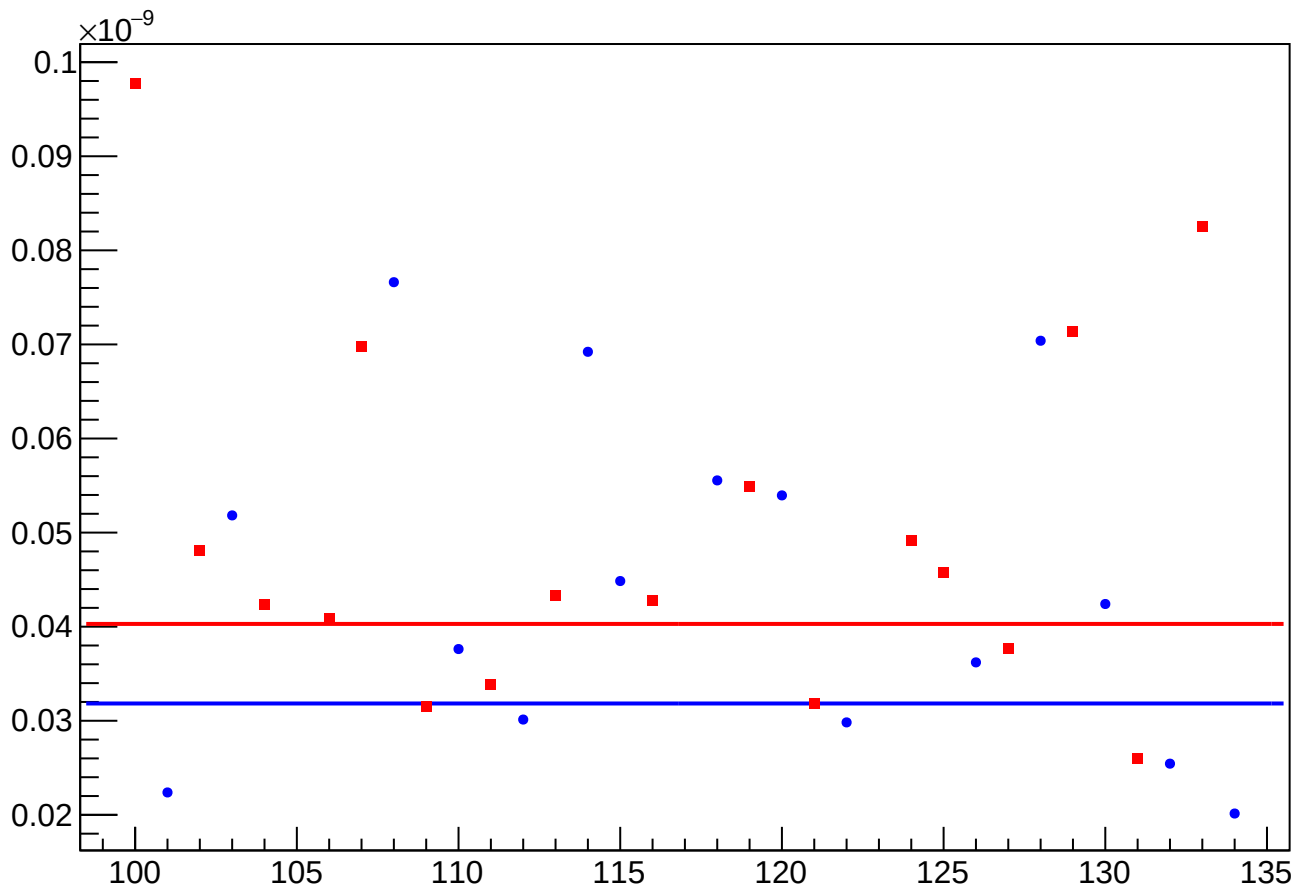
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 25.0/31

- 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 $\pm$ 0.000 χ^2 /NDF: 1159486.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 753846.6/16

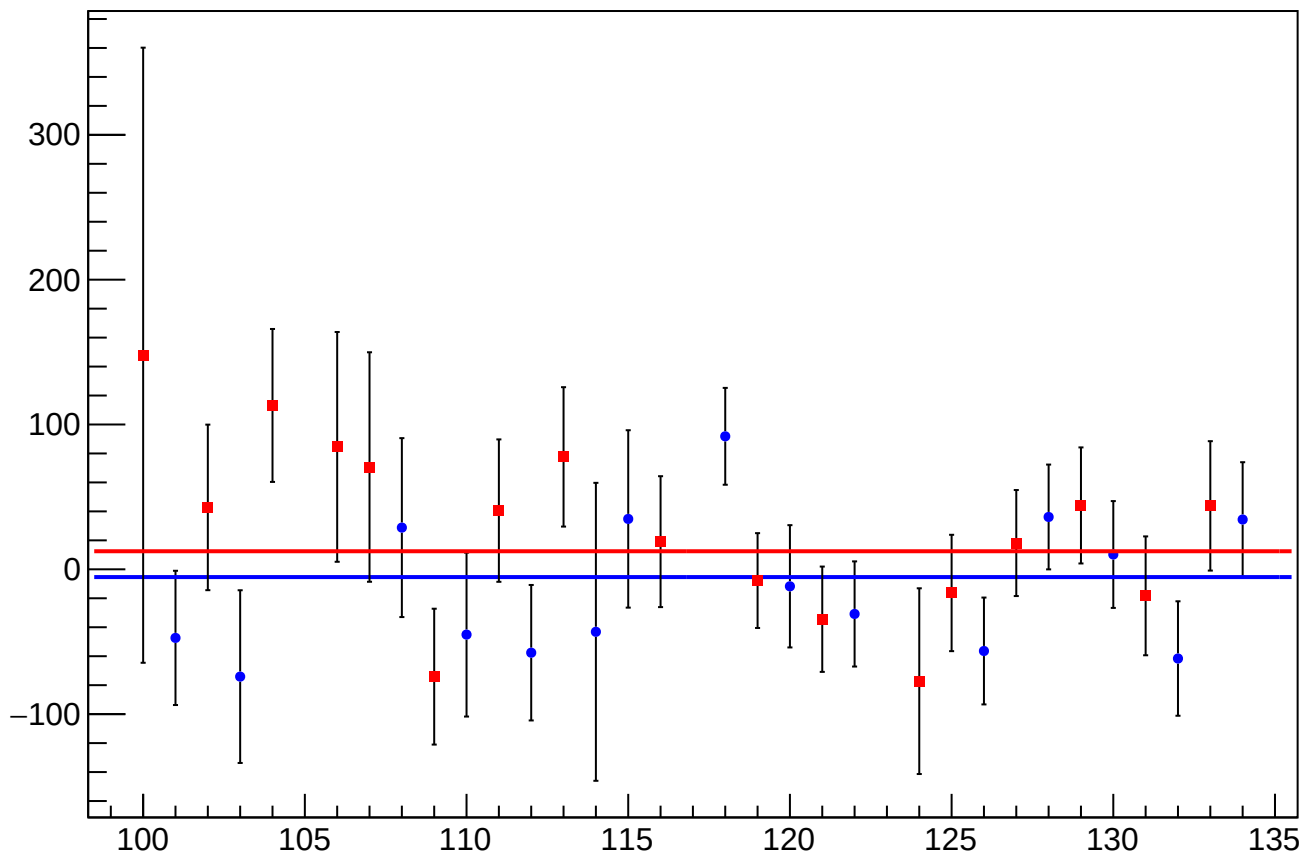
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2120901.1/31

- sign 0.000 $\pm$ 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: 12.476 ± 11.315 χ^2/NDF : 17.5/16

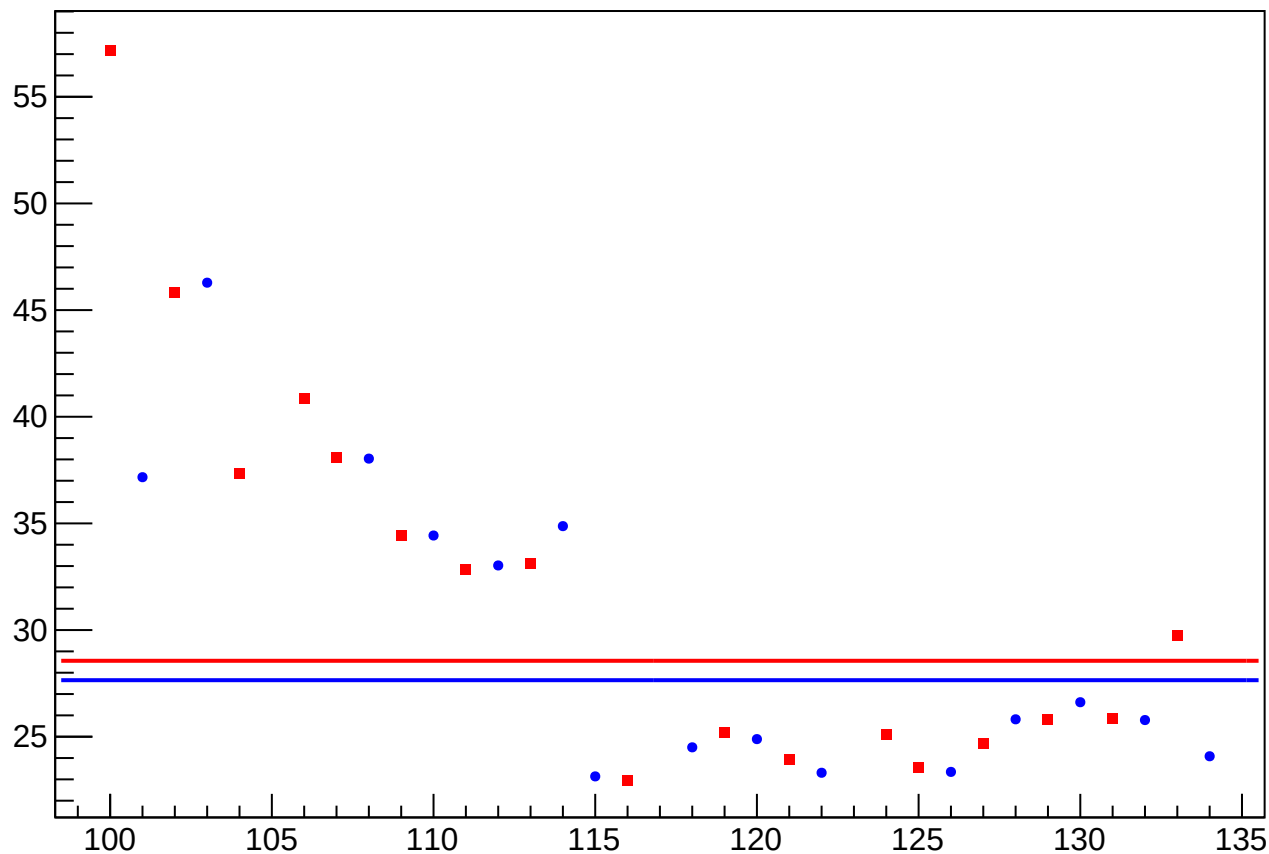
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 3.527 ± 7.987 χ^2/NDF : 38.9/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_2468_dd_rms vs Slug



Right In: 27.649 $\pm$ 0.008 χ^2 /NDF: 521482.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.559 $\pm$ 0.008 χ^2 /NDF: 578511.3/16

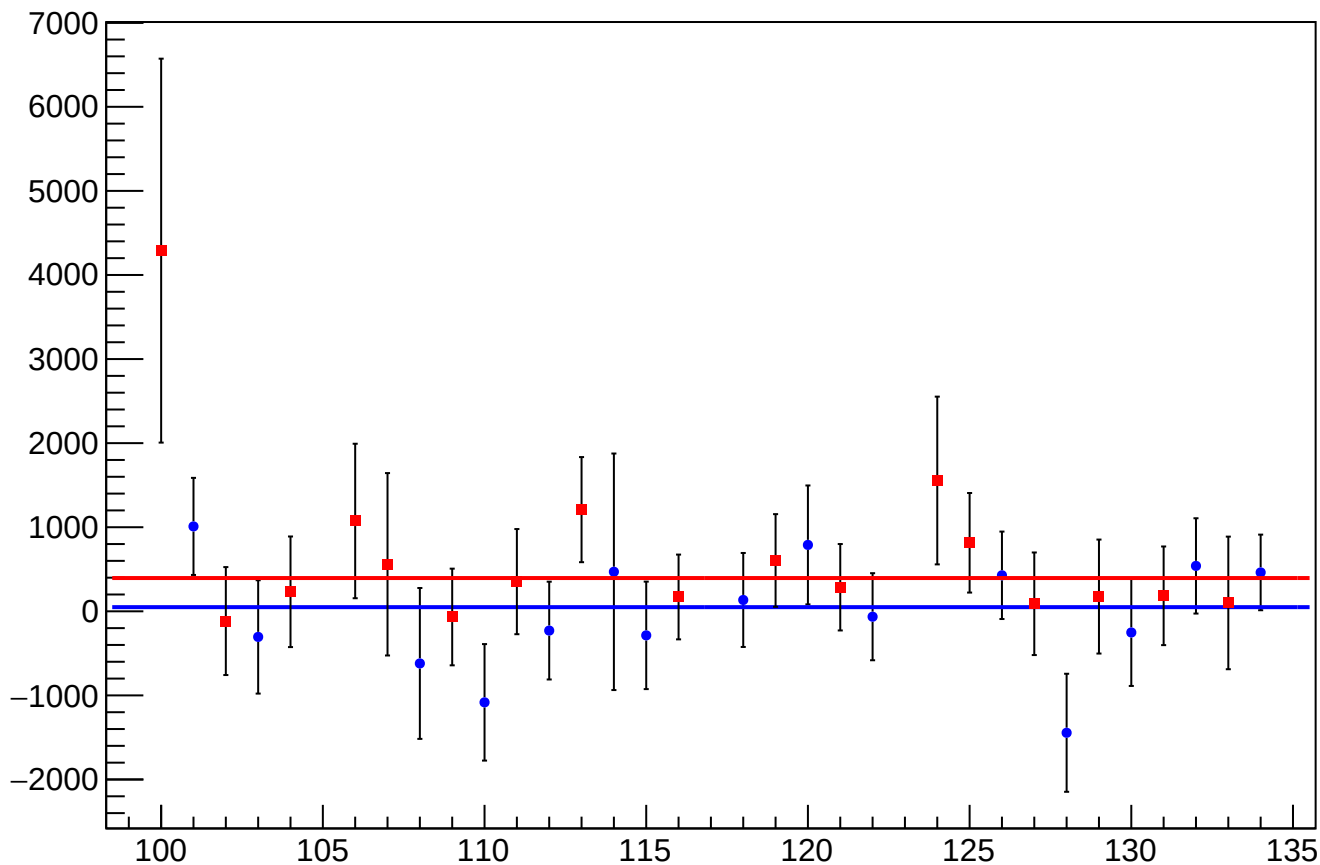
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.103 $\pm$ 0.006 χ^2 /NDF: 1106480.1/31

- sign 0.000 $\pm$ 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: 395.673 $\pm$ 159.395 χ^2 /NDF: 9.4/16

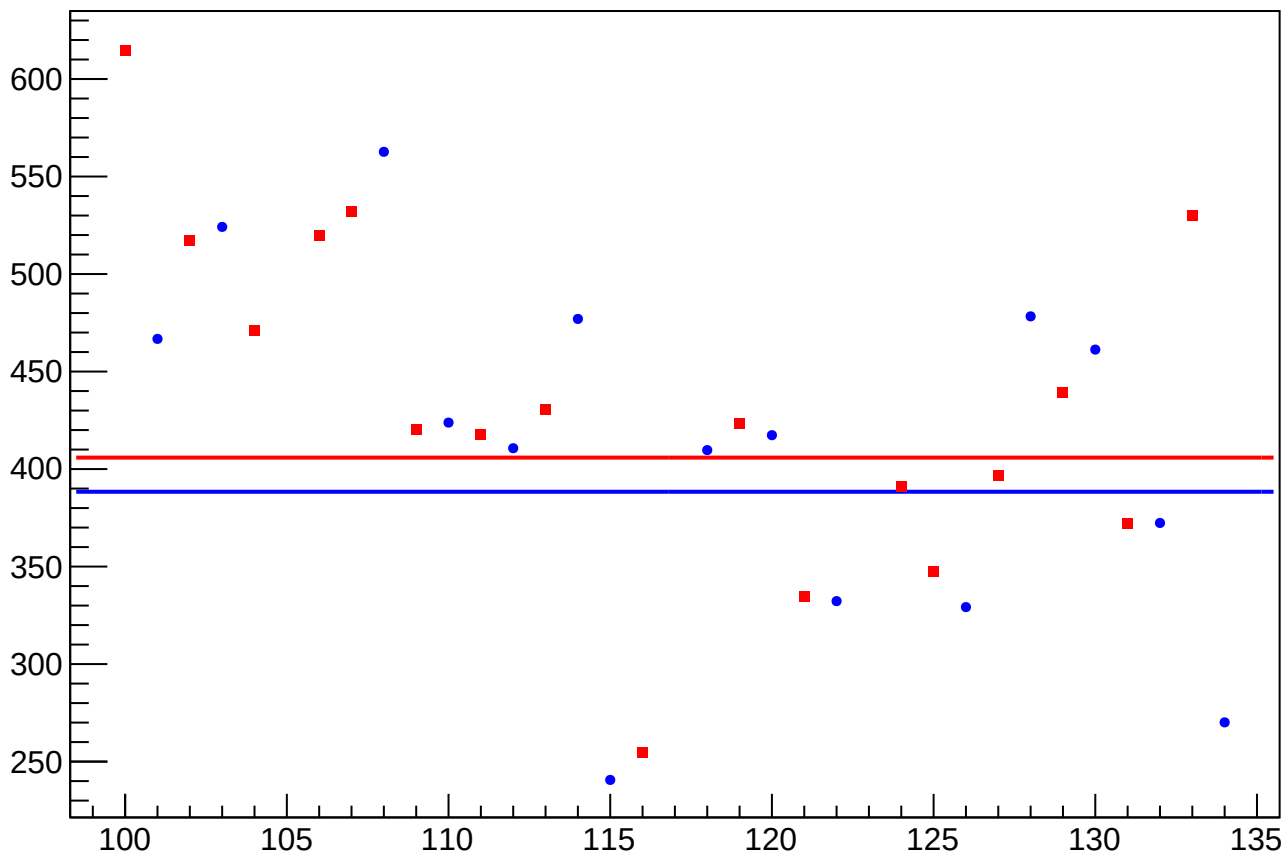
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 221.998 $\pm$ 112.515 χ^2 /NDF: 26.7/31

- 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 $\pm$ 0.112 χ^2 /NDF: 571277.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 405.869 $\pm$ 0.113 χ^2 /NDF: 460497.0/16

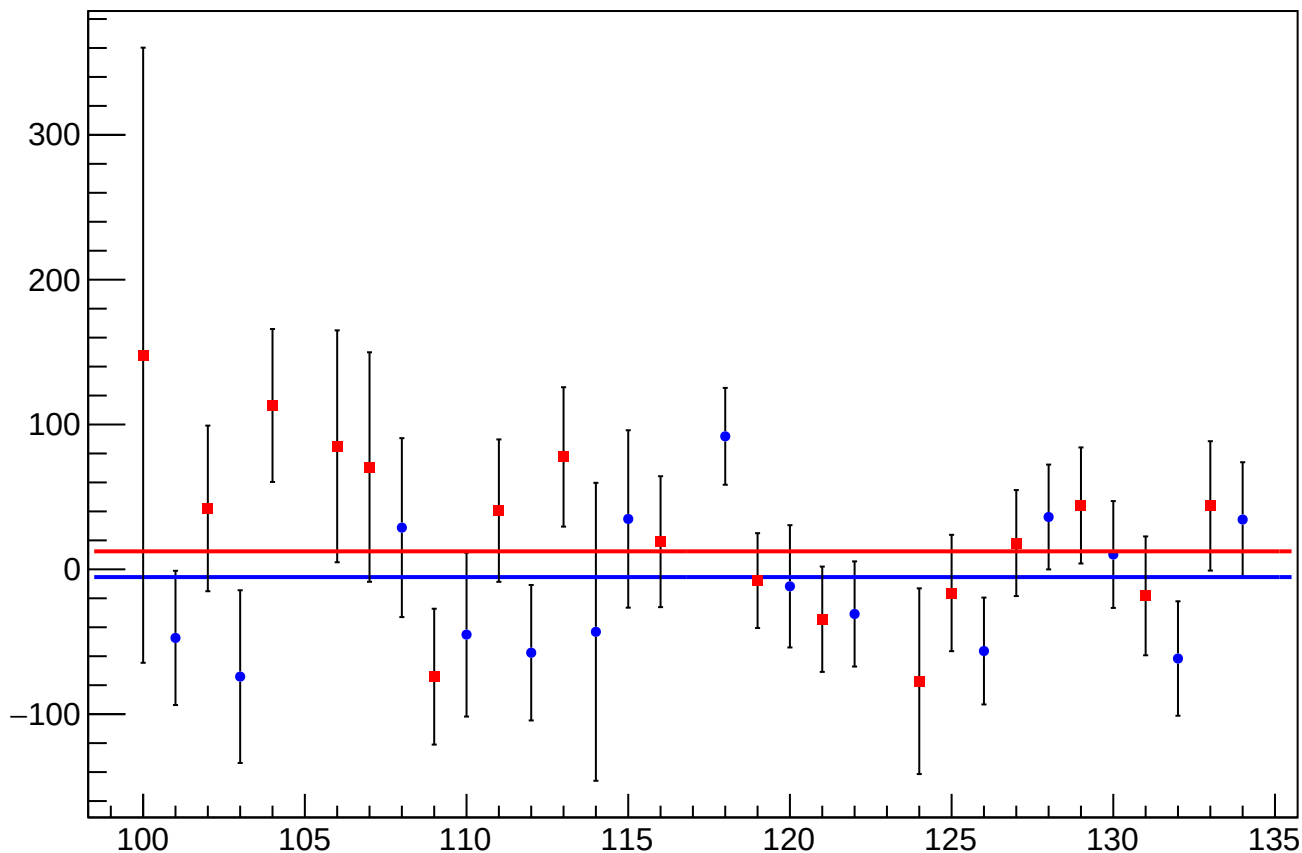
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 397.088 $\pm$ 0.080 χ^2 /NDF: 1043872.2/31

- sign 0.000 $\pm$ 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: 12.426 ± 11.318 χ^2/NDF : 17.5/16

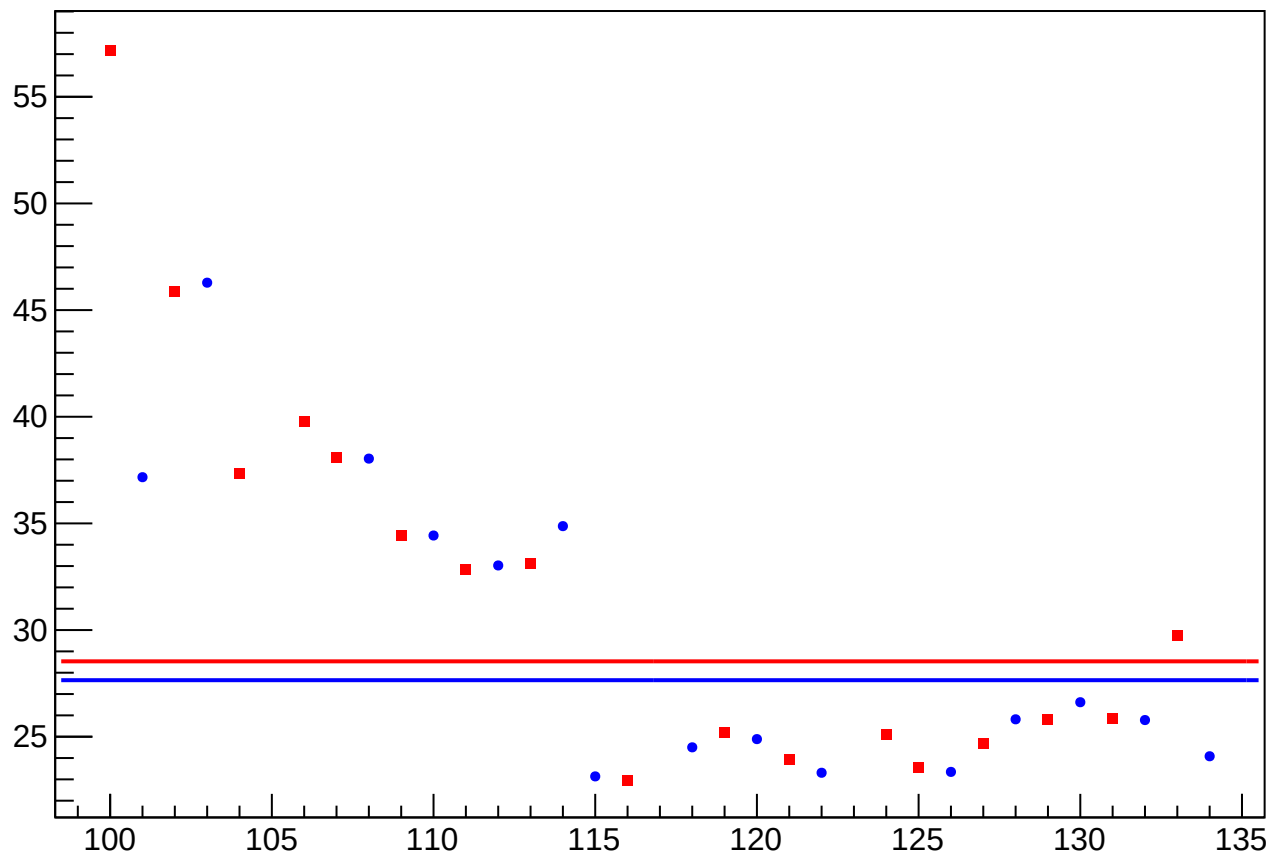
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 3.502 ± 7.988 χ^2/NDF : 38.9/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam_1357_2468_dd_rms vs Slug



Right In: 27.649+/-0.008 χ^2/NDF : 521485.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.533+/-0.008 χ^2/NDF : 569928.1/16

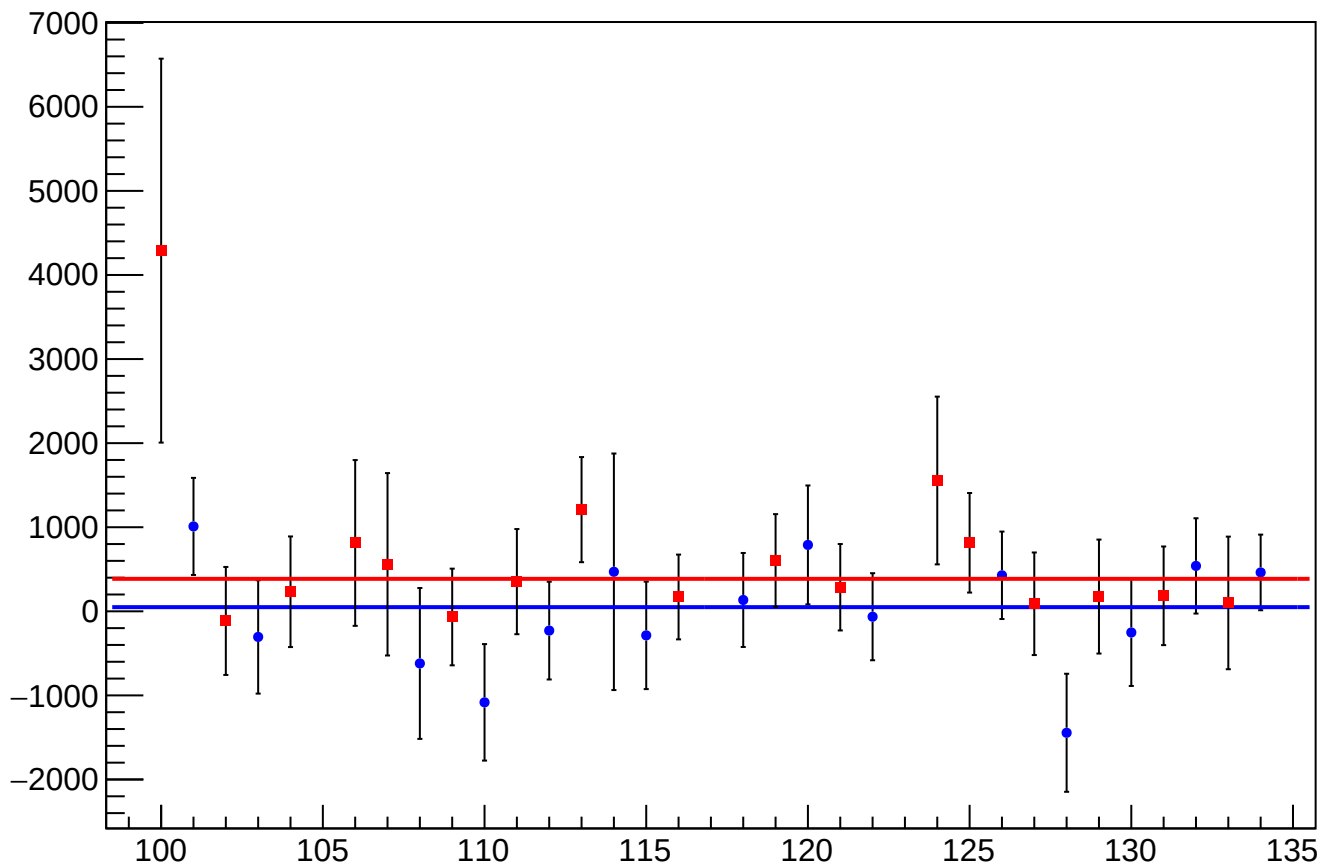
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.090+/-0.006 χ^2/NDF : 1097532.8/31

- sign 0.000+/-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: 386.243 $\pm$ 159.716 χ^2 /NDF: 9.0/16

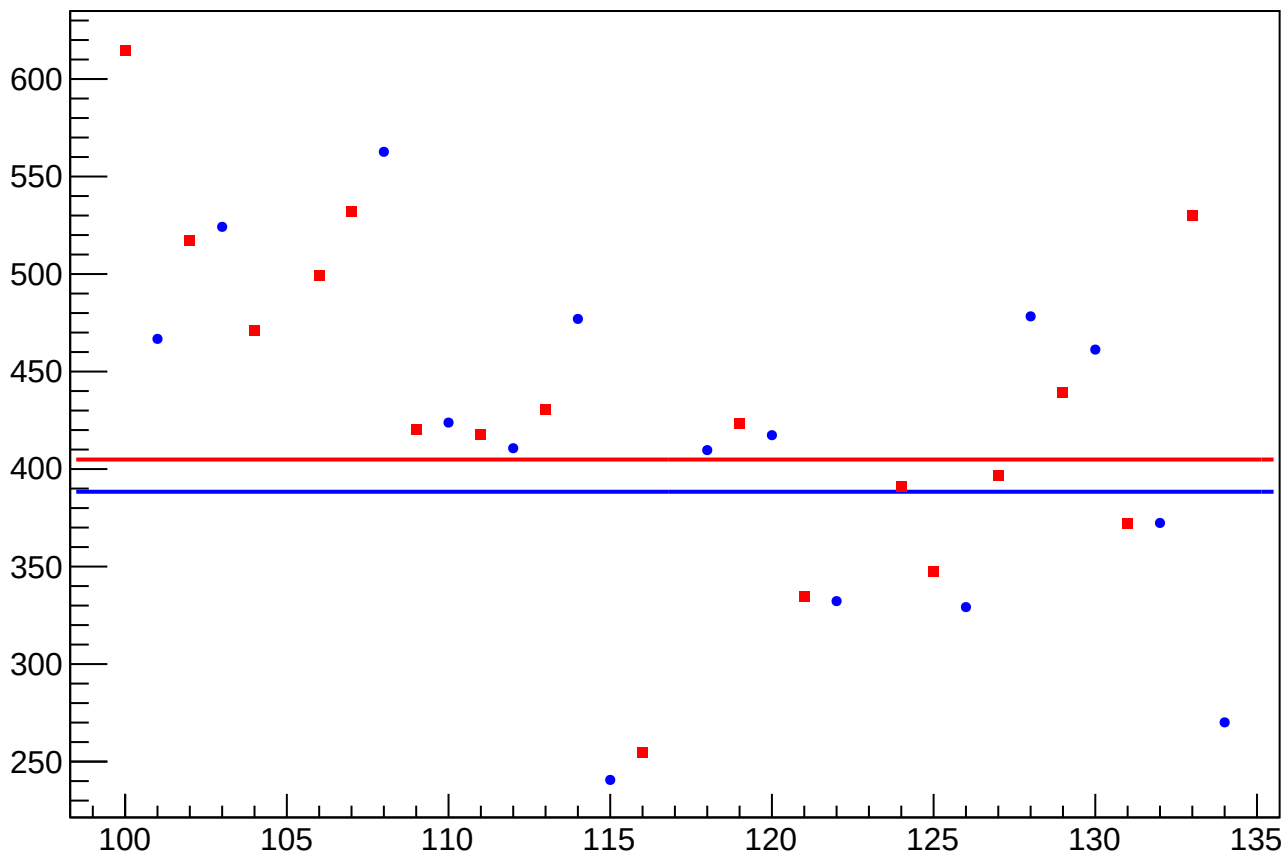
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 216.956 $\pm$ 112.628 χ^2 /NDF: 26.2/31

- 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 $\pm$ 0.112 χ^2 /NDF: 571302.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 404.890 $\pm$ 0.113 χ^2 /NDF: 447883.2/16

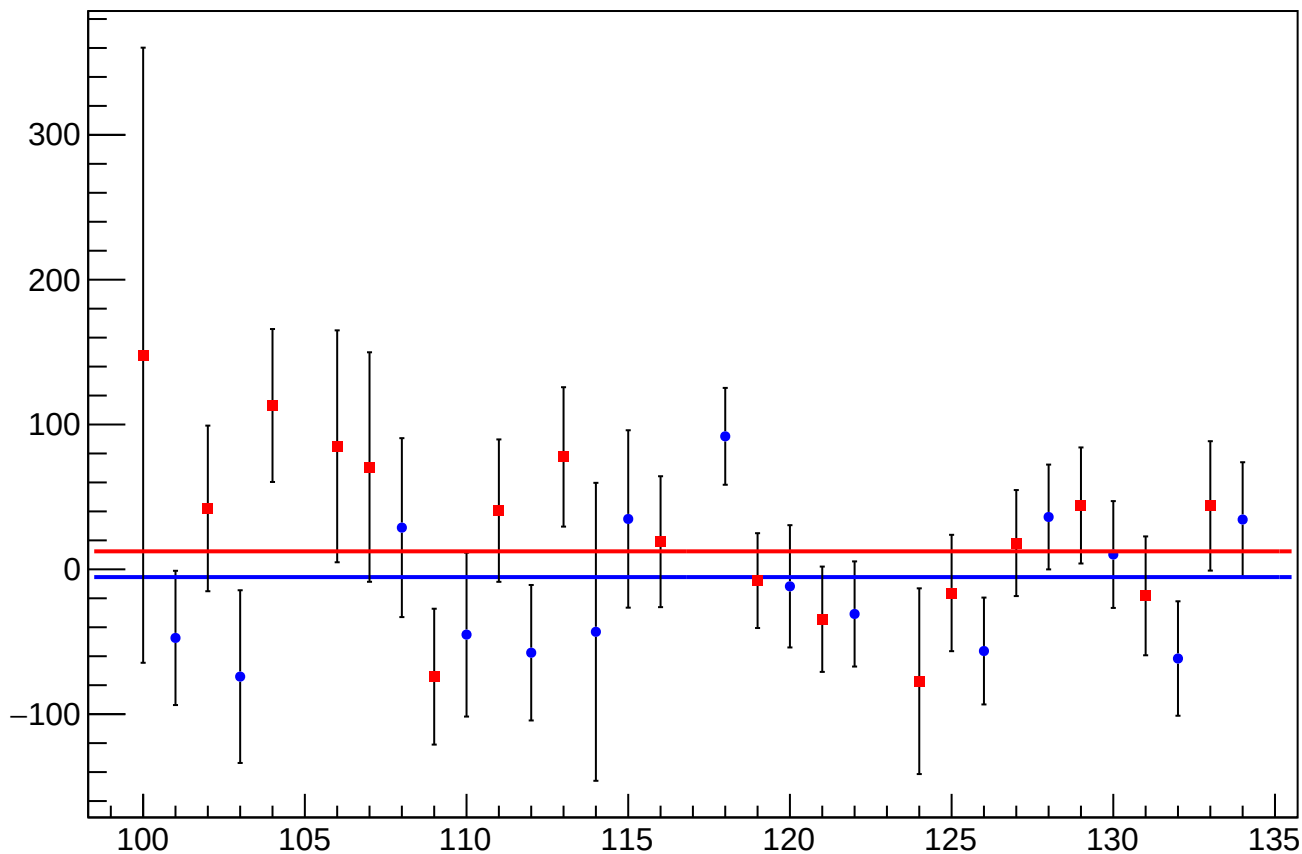
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 396.584 $\pm$ 0.080 χ^2 /NDF: 1029945.4/31

- sign 0.000 $\pm$ 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: 12.426+/-11.318 χ^2/NDF : 17.5/16

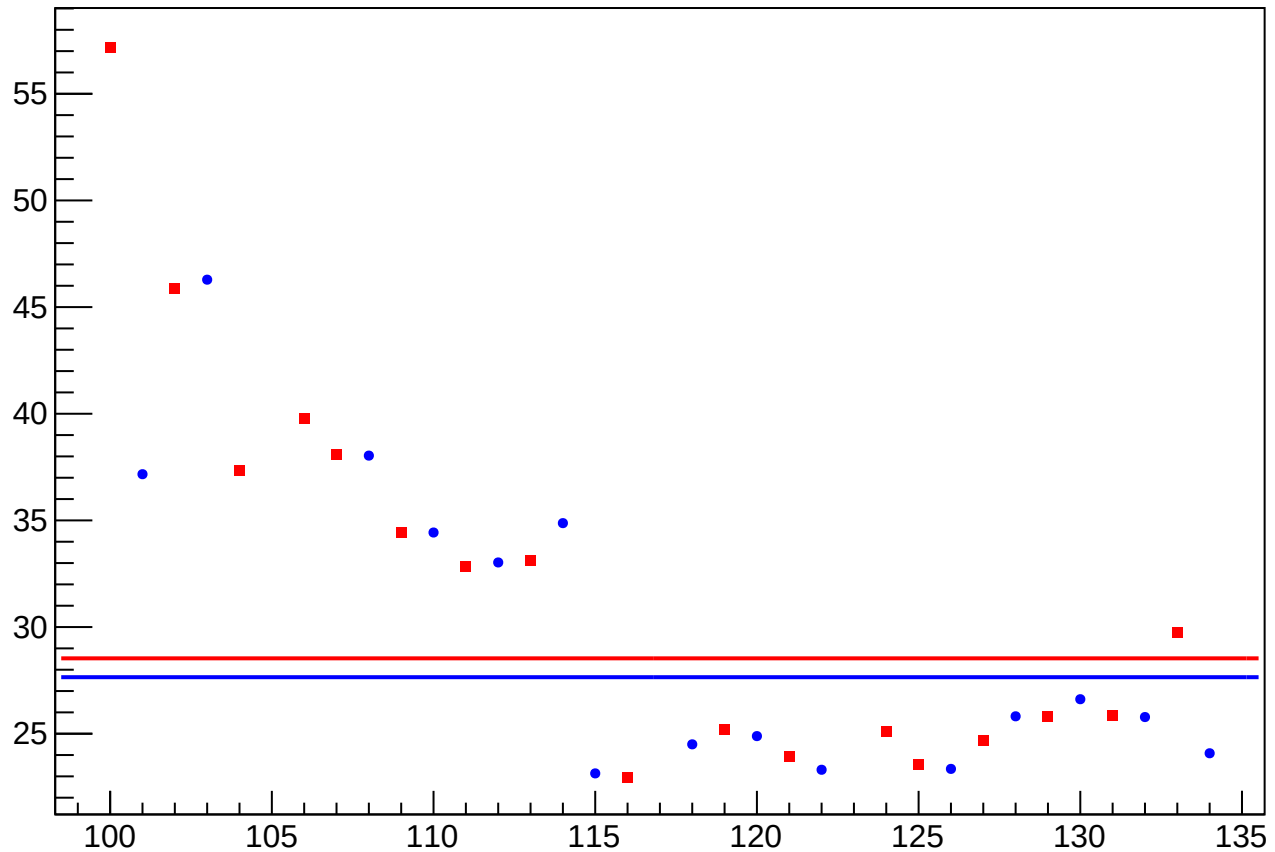
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.502+/-7.988 χ^2/NDF : 38.9/31

- 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: 28.533 $\pm$ 0.008 χ^2 /NDF: 569928.1/16

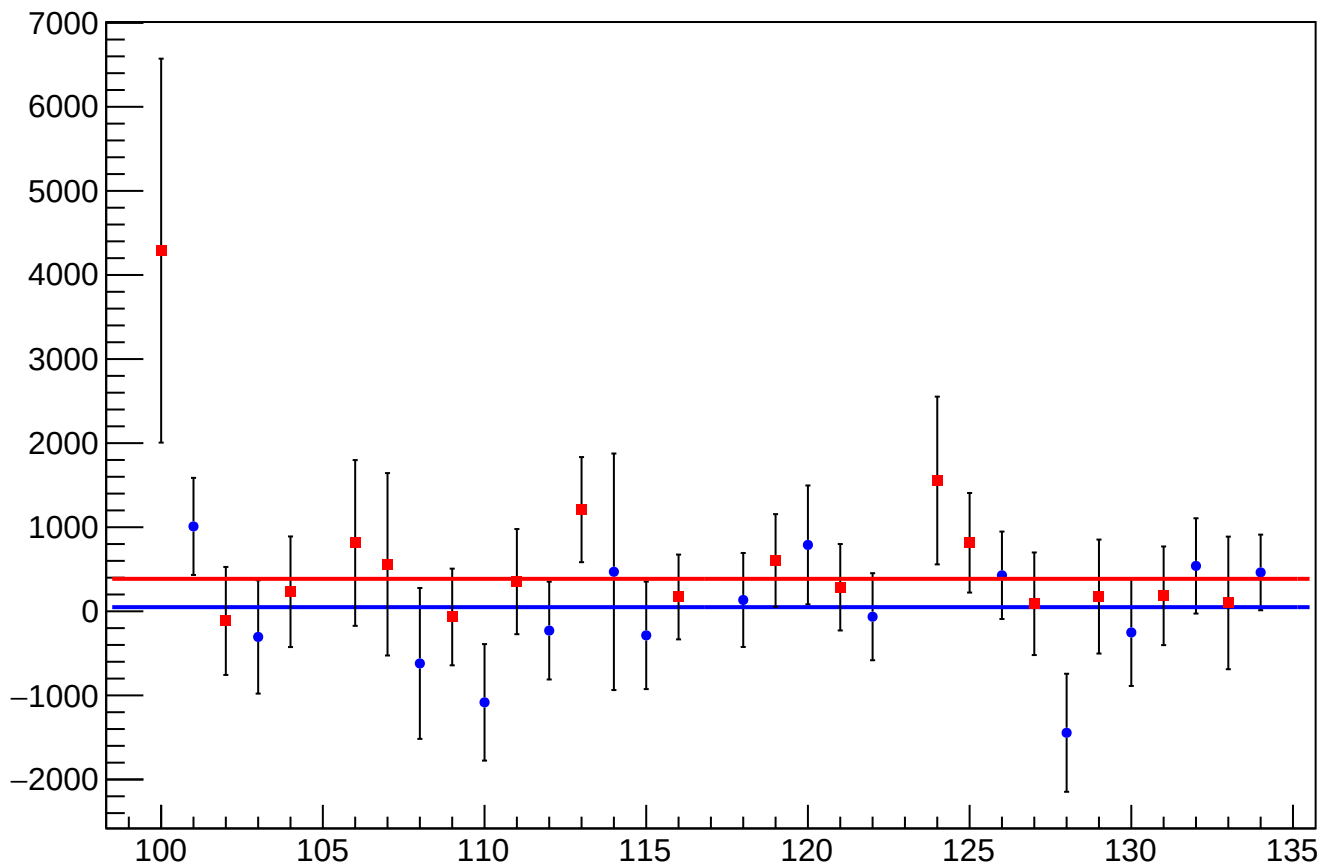
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.090 $\pm$ 0.006 χ^2 /NDF: 1097532.8/31

- 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: 386.243 $\pm$ 159.716 χ^2 /NDF: 9.0/16

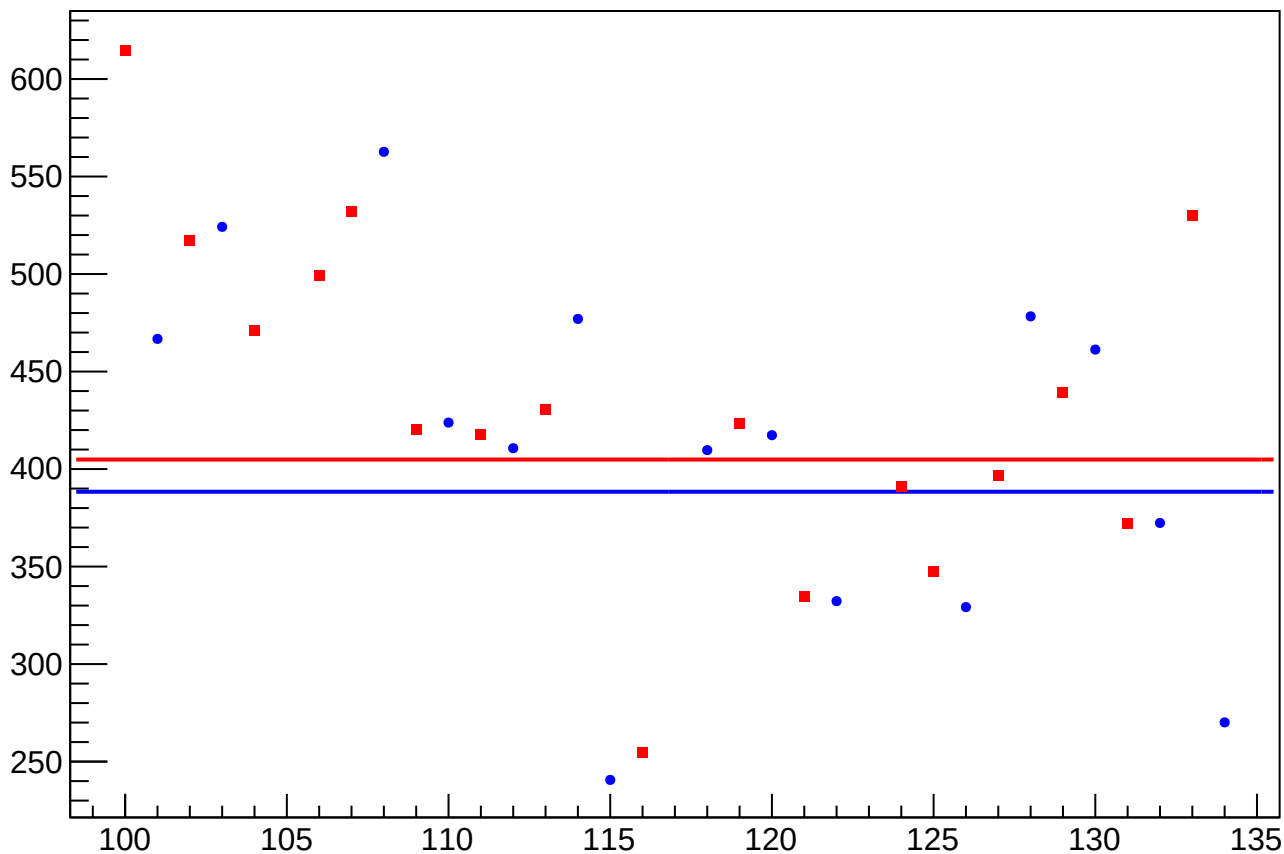
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 216.956 $\pm$ 112.628 χ^2 /NDF: 26.2/31

- 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 $\pm$ 0.112 χ^2 /NDF: 571302.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 404.890 $\pm$ 0.113 χ^2 /NDF: 447883.2/16

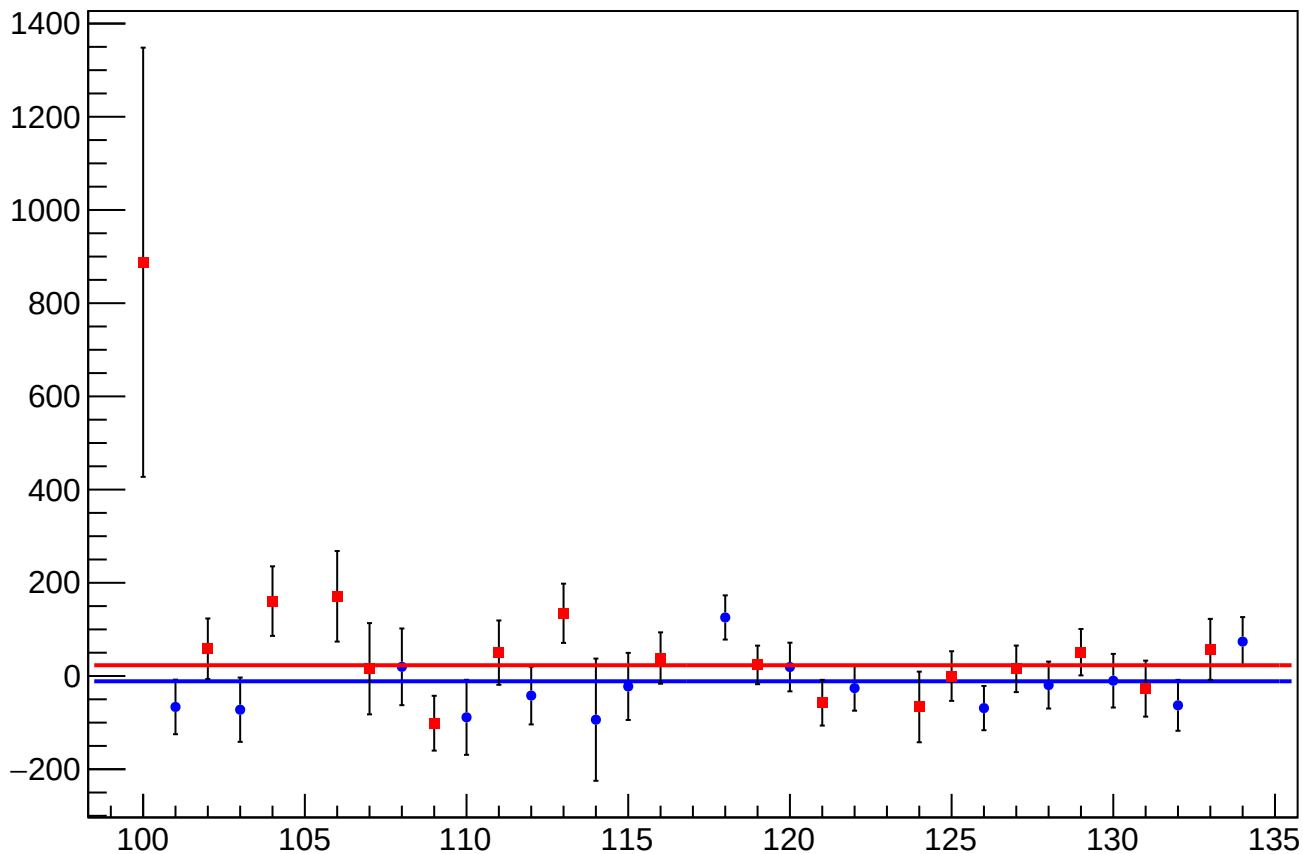
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 396.584 $\pm$ 0.080 χ^2 /NDF: 1029945.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -11.316 $\pm$ 15.091 χ^2 /NDF: 17.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 23.111 $\pm$ 14.821 χ^2 /NDF: 22.9/16

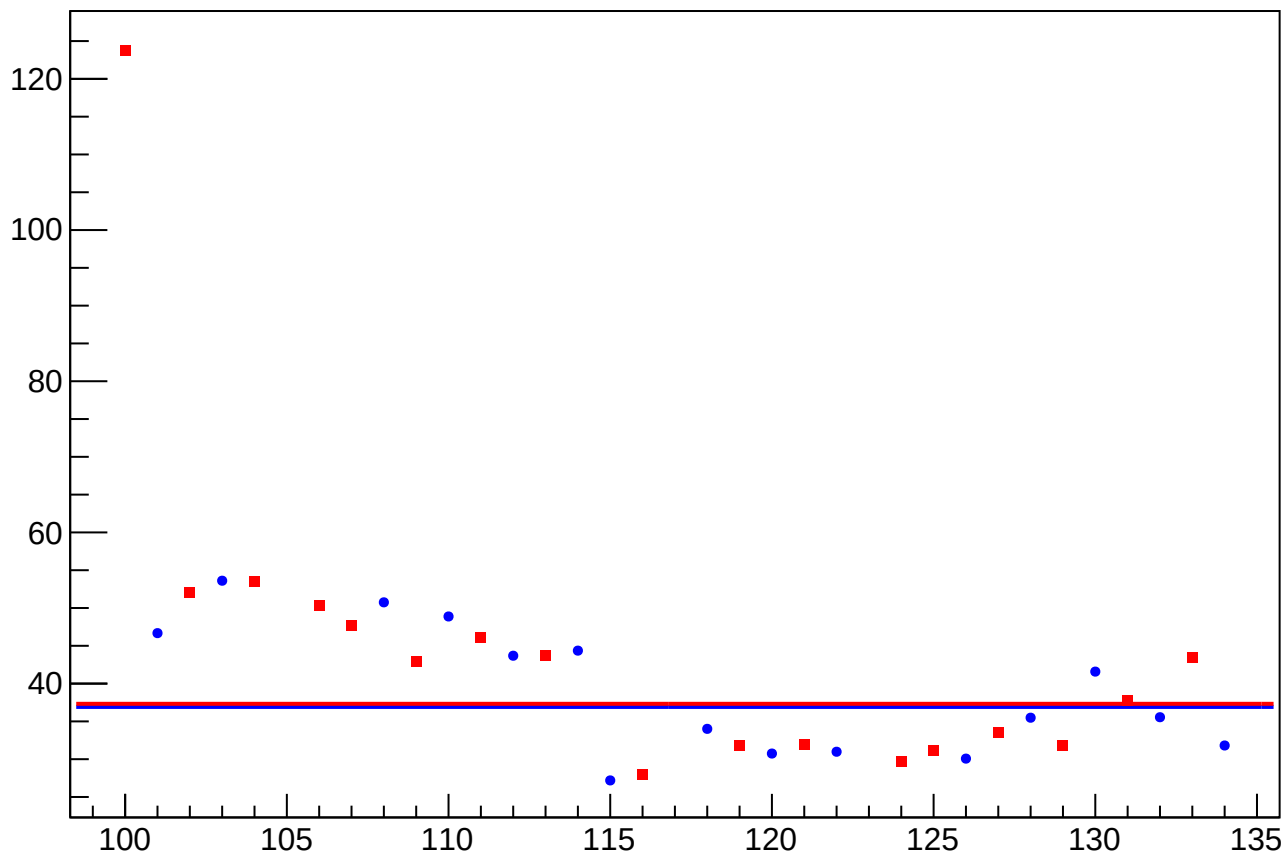
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.209 $\pm$ 10.574 χ^2 /NDF: 42.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 36.914+/-0.011 χ^2/NDF : 482062.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.326+/-0.010 χ^2/NDF : 614692.2/16

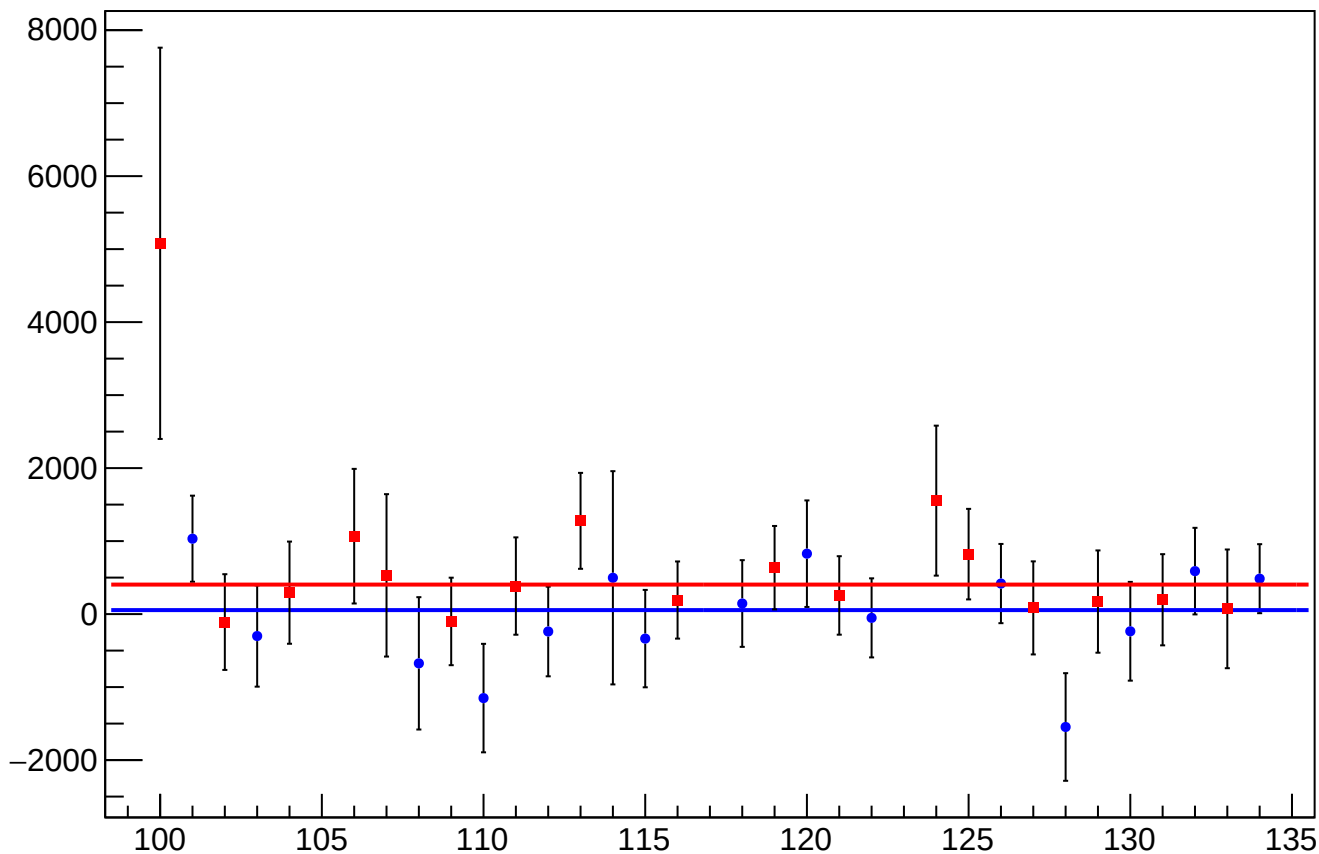
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.124+/-0.007 χ^2/NDF : 1097511.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_dit_correction_mean vs Slug



Right In: 54.700+/-166.190 χ^2/NDF : 15.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 404.278+/-166.532 χ^2/NDF : 9.4/16

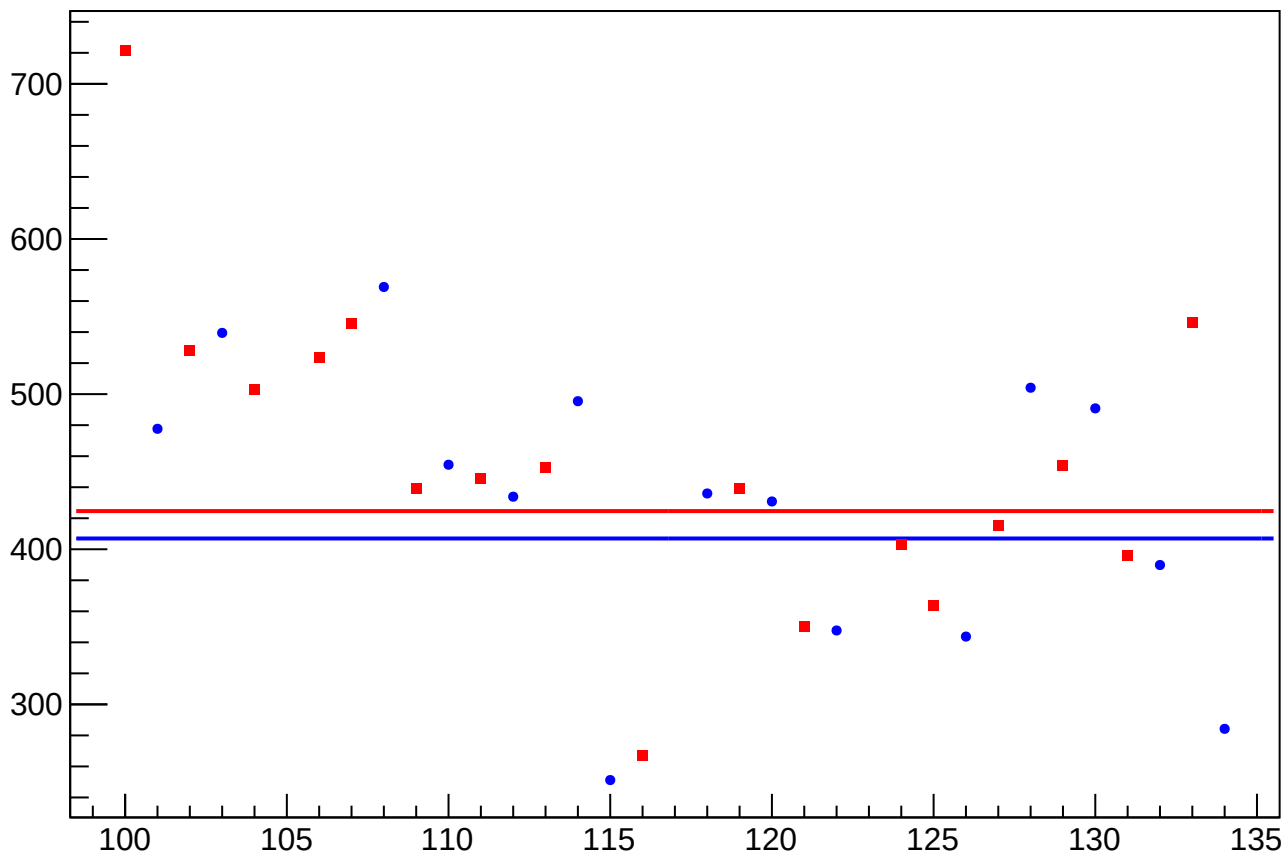
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.129+/-117.635 χ^2/NDF : 26.8/31

- sign 0.000+/-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

Right Out: 424.615+/-0.118 χ^2/NDF : 442801.3/16

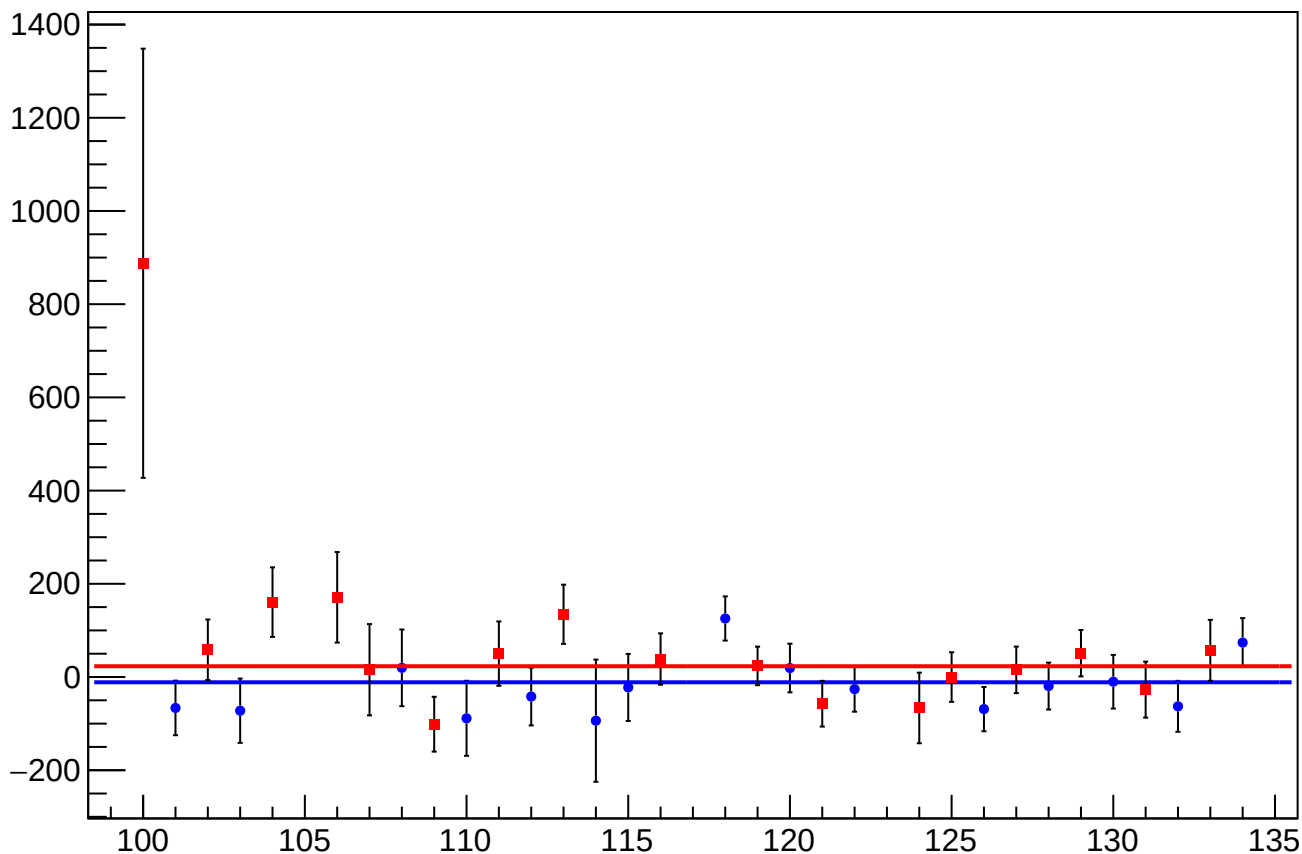
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 415.761+/-0.083 χ^2/NDF : 1008159.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -11.316 $\pm$ 15.091 χ^2 /NDF: 17.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 23.110 $\pm$ 14.820 χ^2 /NDF: 22.9/16

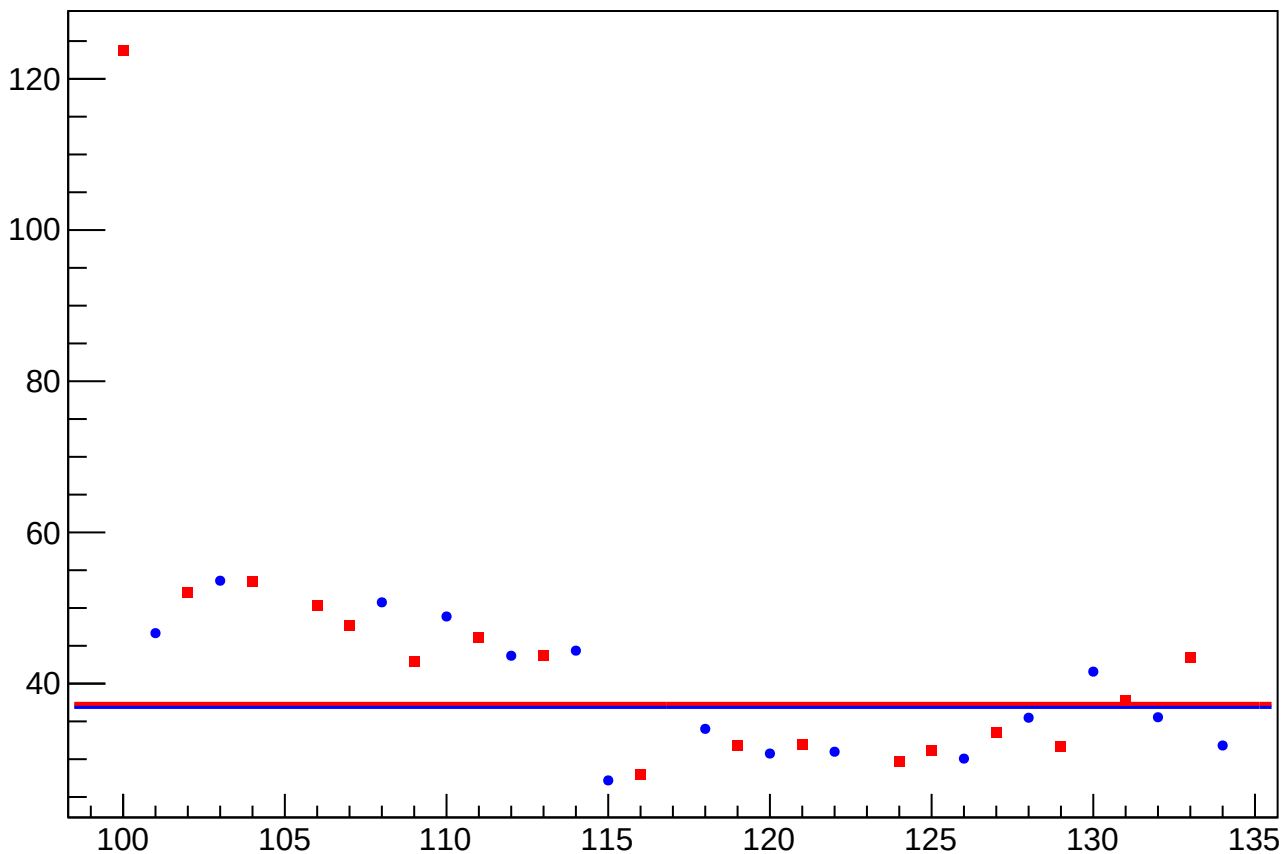
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.208 $\pm$ 10.574 χ^2 /NDF: 42.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 36.914+/-0.011 χ^2/NDF : 482024.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.325+/-0.010 χ^2/NDF : 614673.7/16

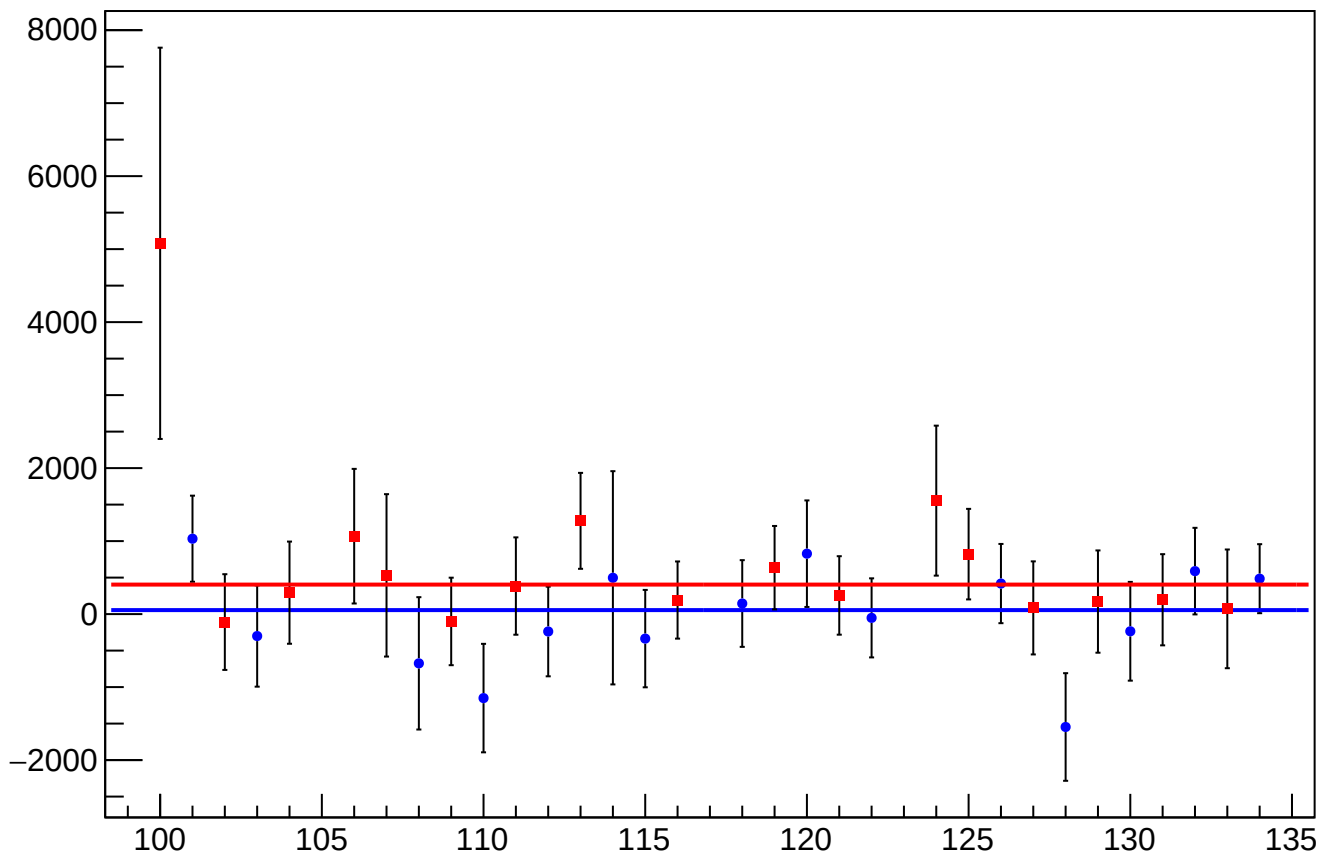
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.123+/-0.007 χ^2/NDF : 1097455.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_eigen_dit_correction_mean vs Slug



Right In: 54.699 $\pm$ 166.189 χ^2 /NDF: 15.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 404.277 $\pm$ 166.531 χ^2 /NDF: 9.4/16

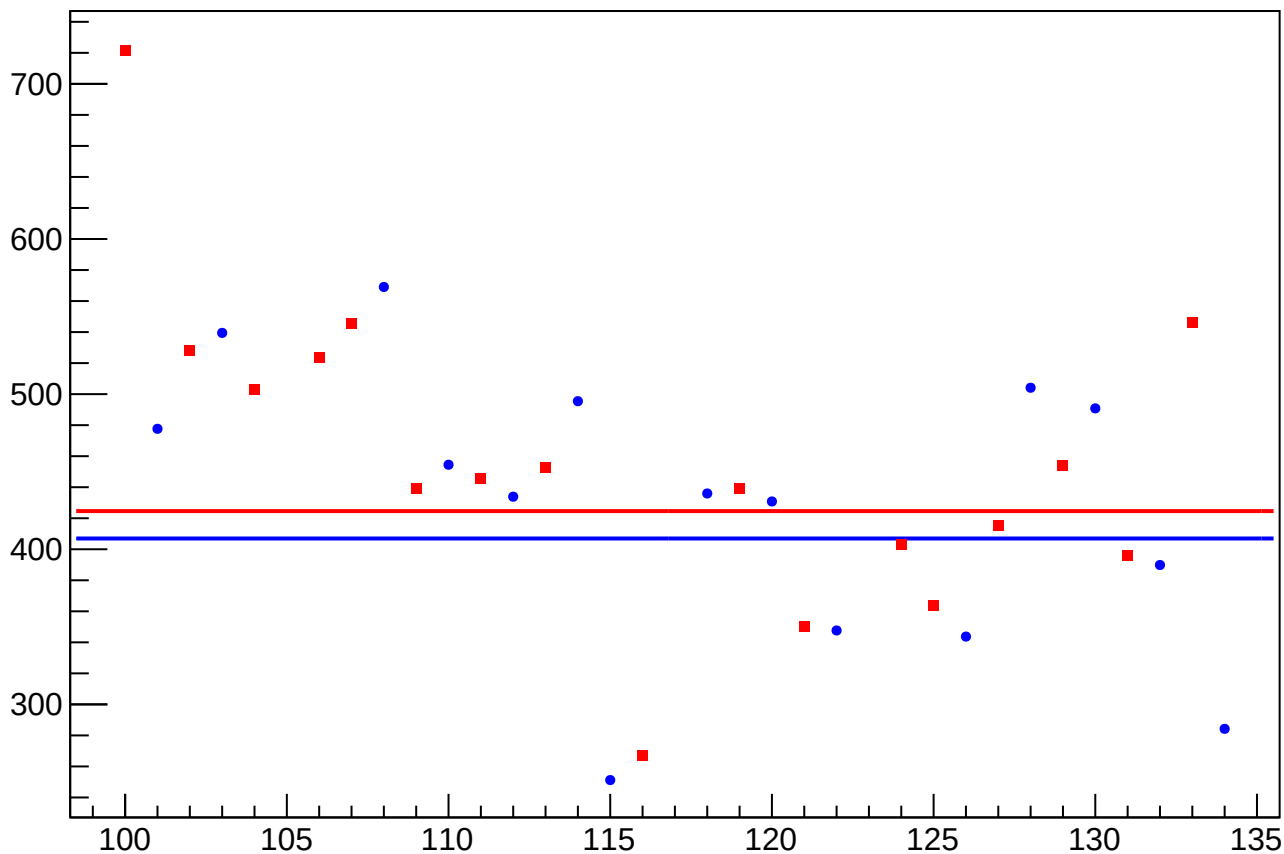
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 229.128 $\pm$ 117.634 χ^2 /NDF: 26.8/31

- sign 0.000 $\pm$ 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: 424.614 $\pm$ 0.118 χ^2 /NDF: 442795.1/16

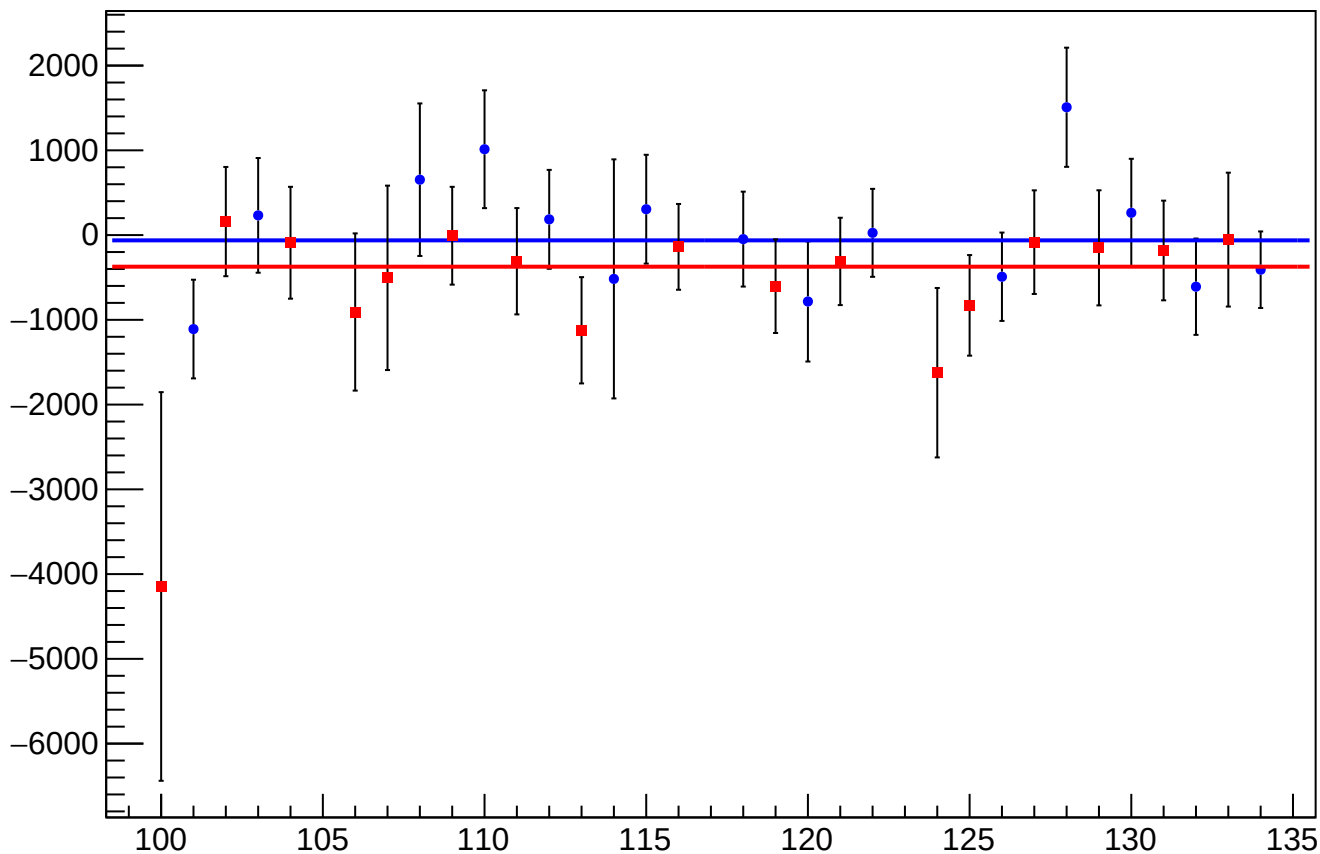
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 415.760 $\pm$ 0.083 χ^2 /NDF: 1008142.7/31

- 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: -372.983 ± 159.888 χ^2/NDF : 8.9/16

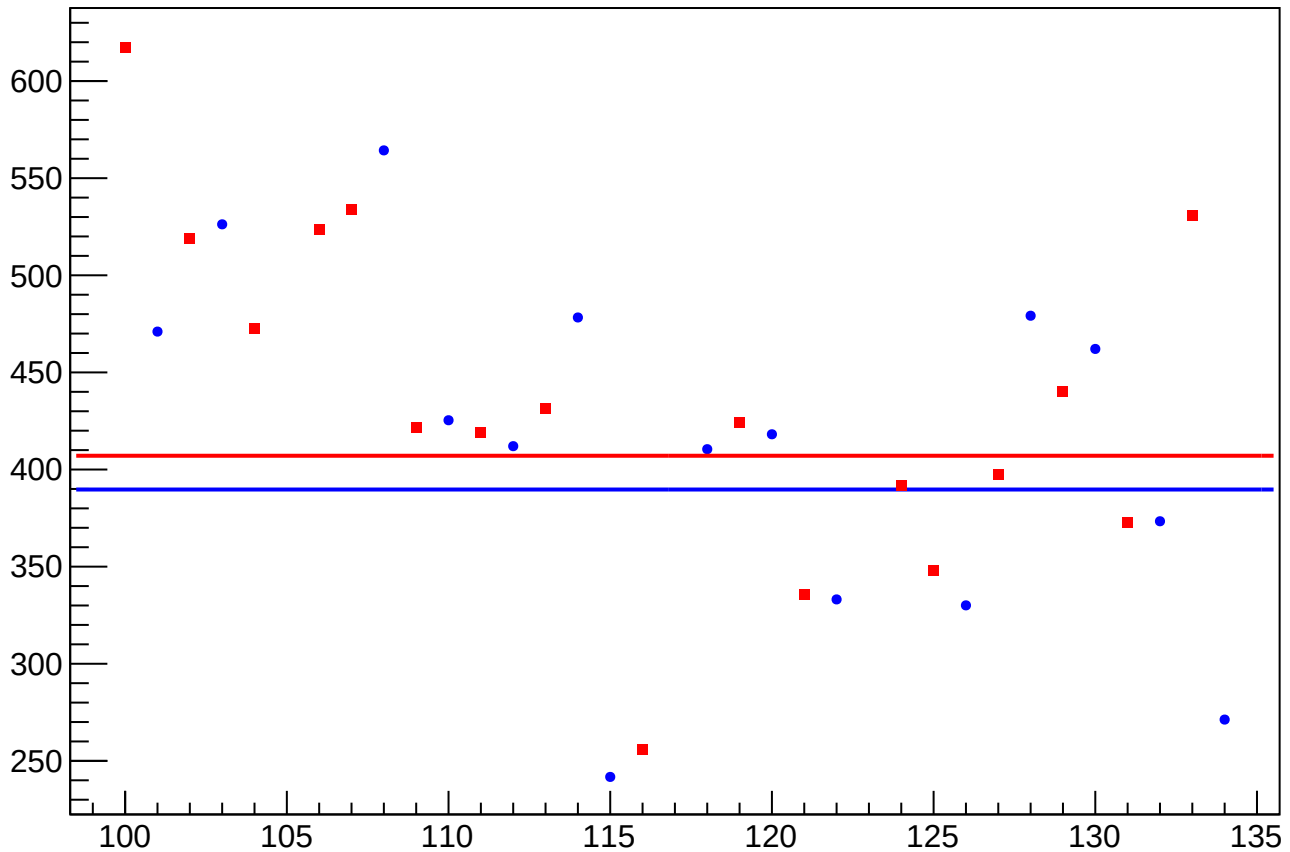
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -217.113 ± 112.877 χ^2/NDF : 26.4/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_rms vs Slug



Right In: 389.708+/-0.113 χ^2/NDF : 571447.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 407.095+/-0.113 χ^2/NDF : 460774.2/16

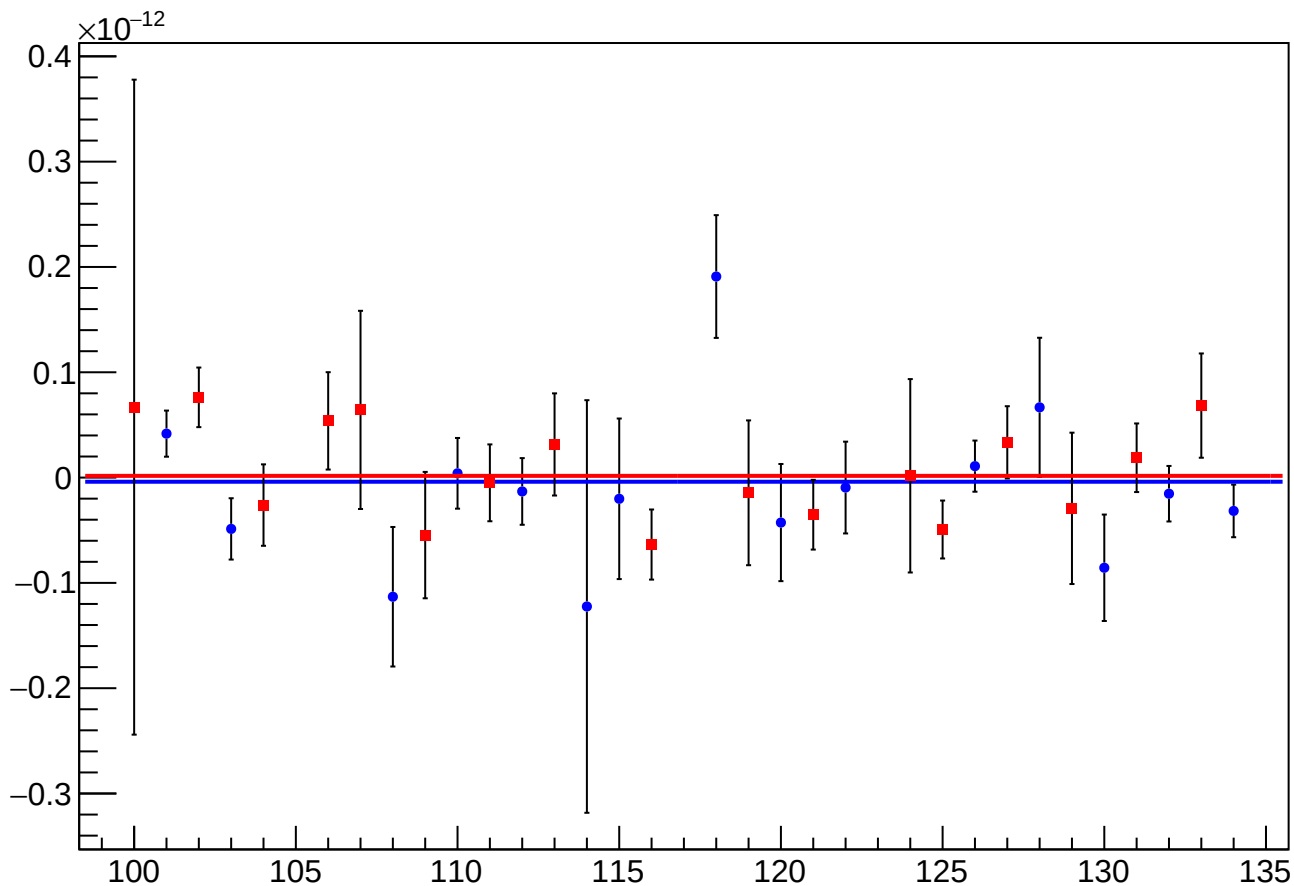
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 398.373+/-0.080 χ^2/NDF : 1044085.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 27.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.2/16

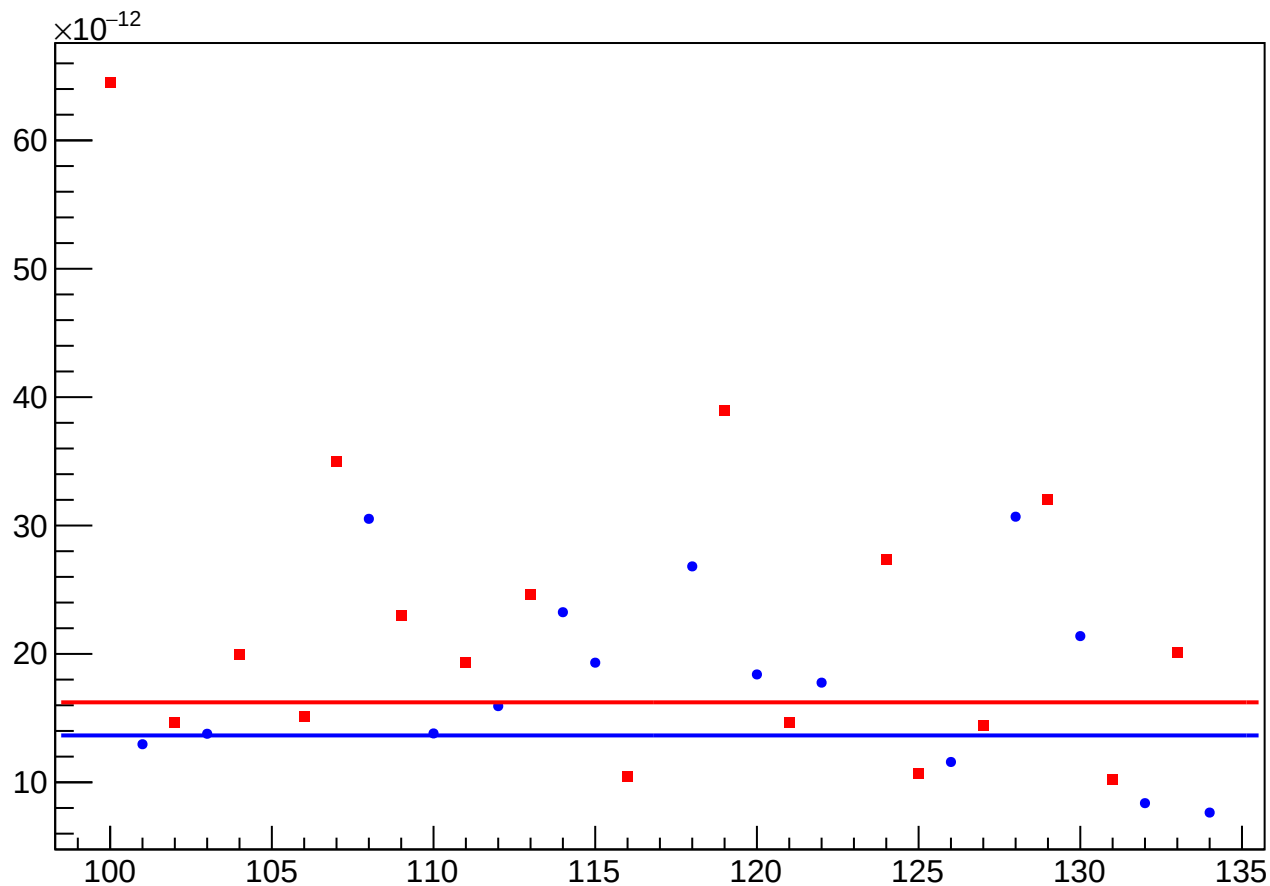
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 49.6/31

- sign 0.000 $\pm$ 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 : 830760.7/16

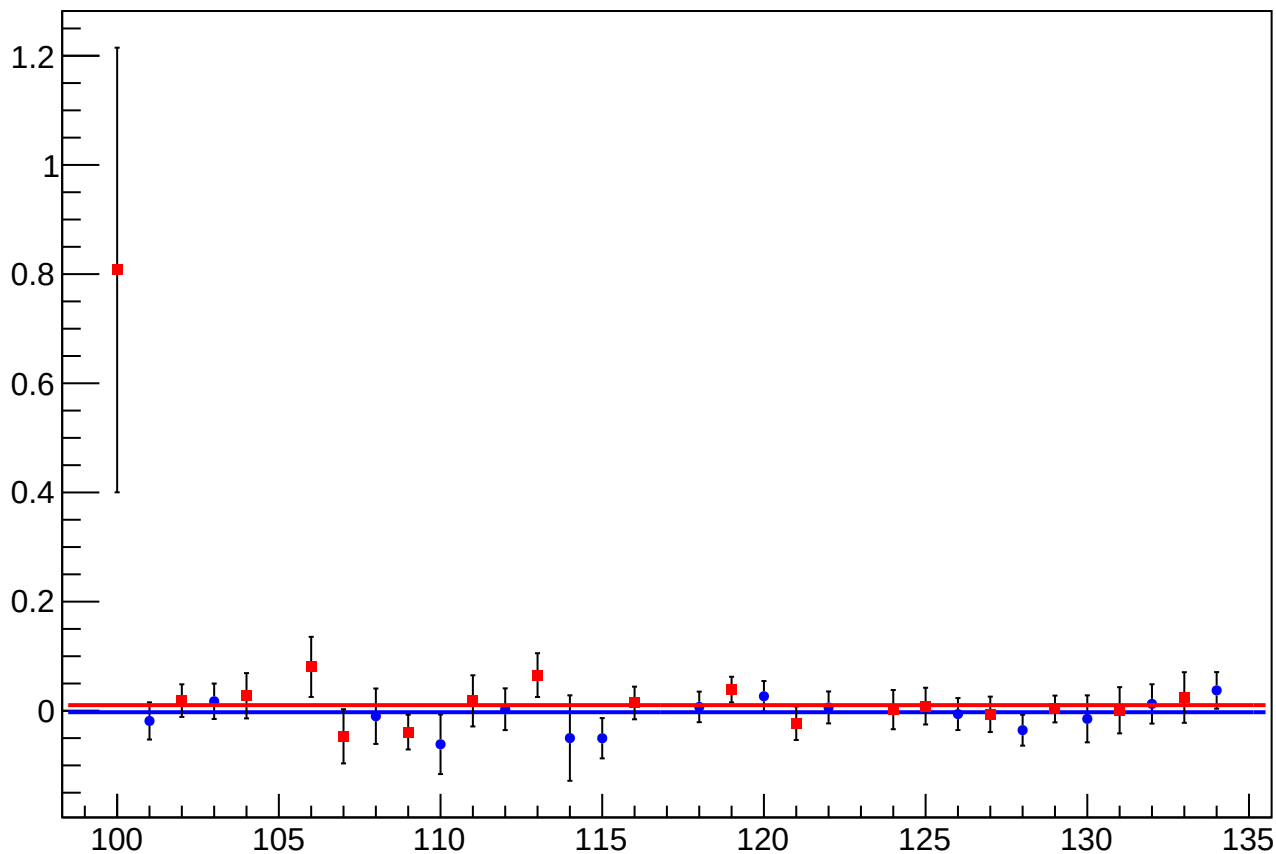
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1585423.4/31

- 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: 0.010+/-0.009 χ^2/NDF : 14.5/16

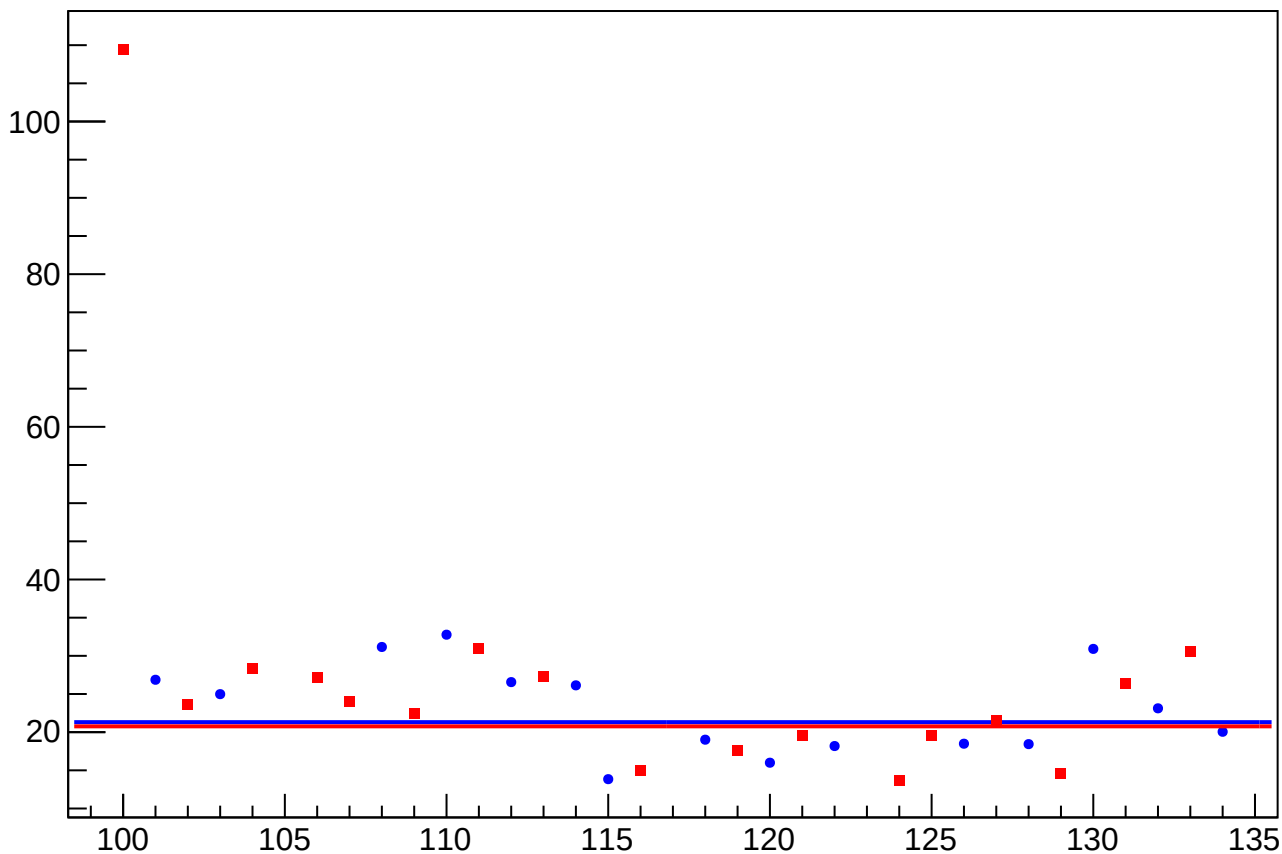
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.006 χ^2/NDF : 23.8/31

- 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: 20.763 $\pm$ 0.006 χ^2 /NDF: 817197.0/16

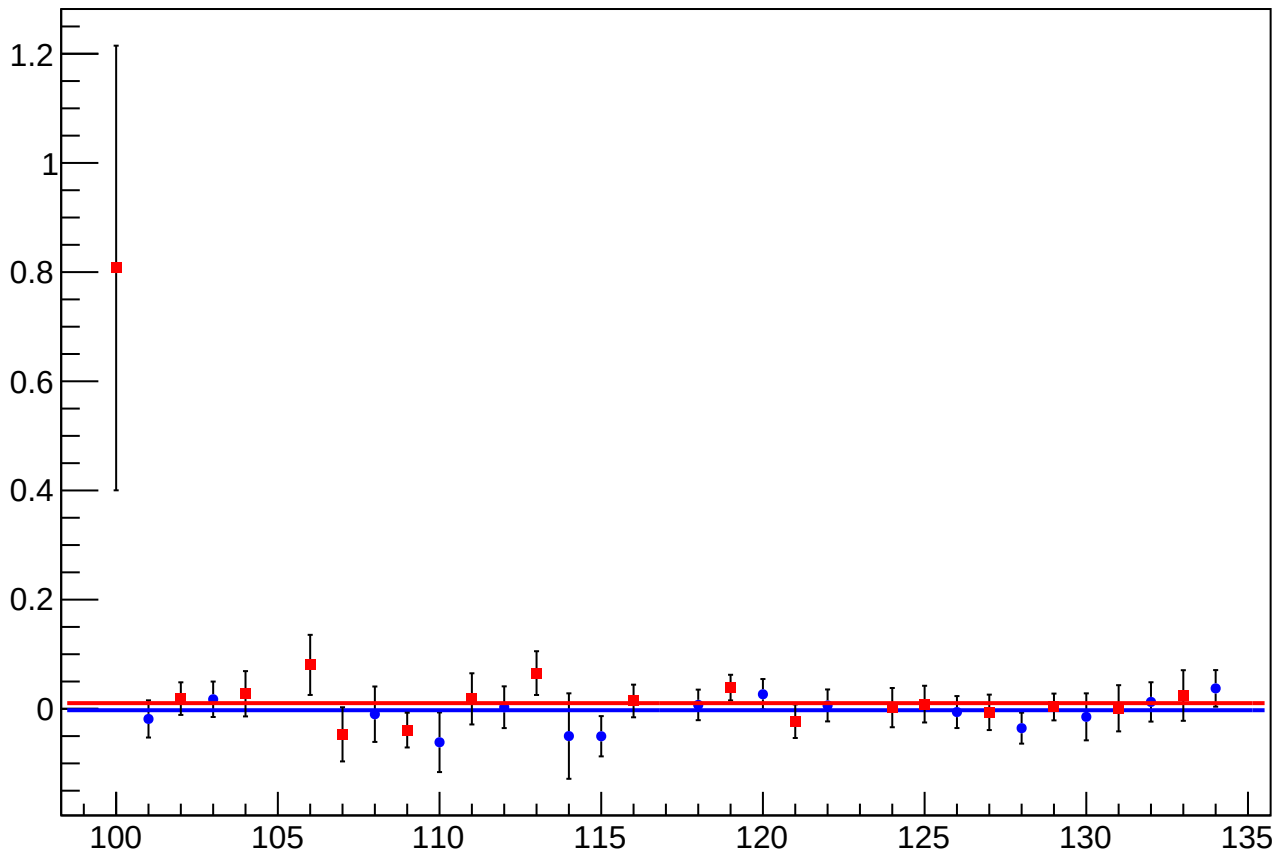
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.023 $\pm$ 0.004 χ^2 /NDF: 1445712.6/31

- 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: 0.010+/-0.009 χ^2/NDF : 14.5/16

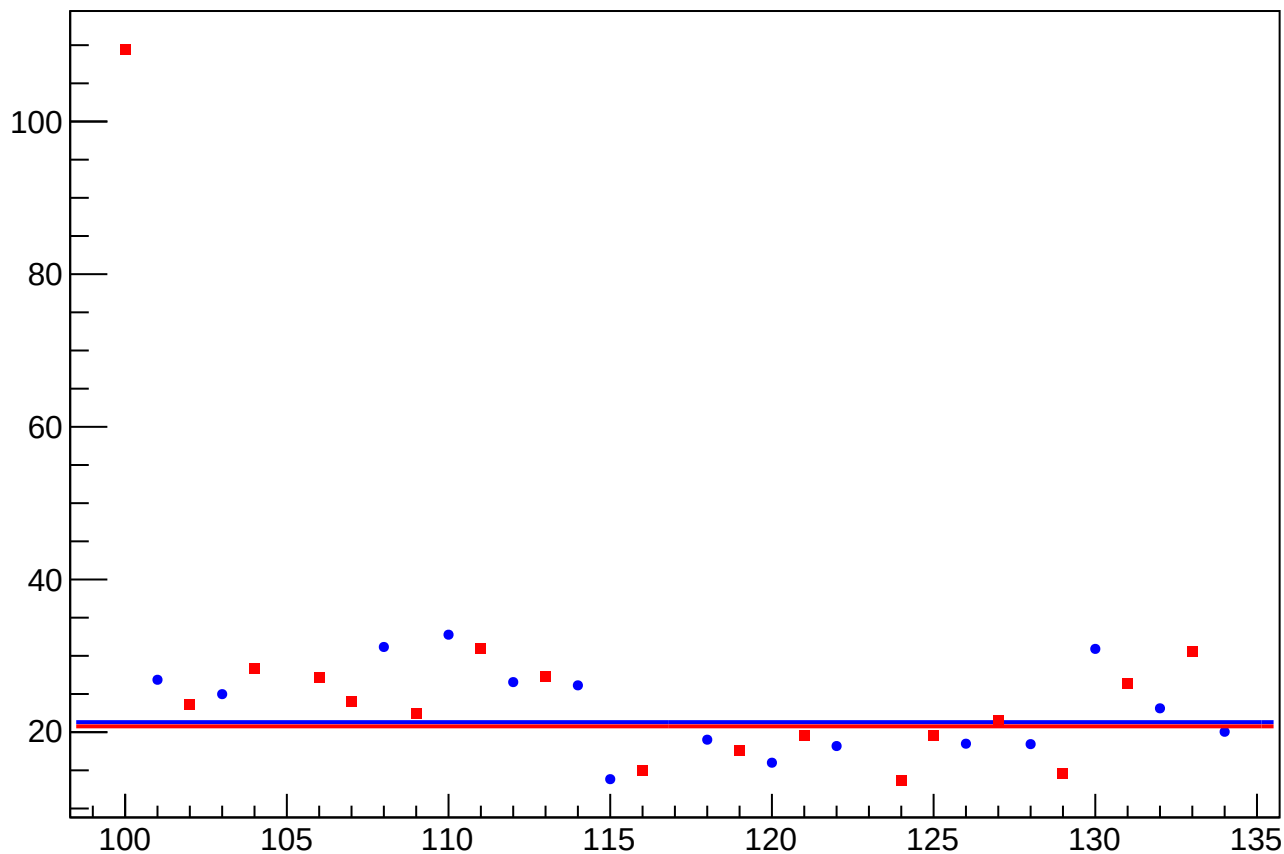
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.006 χ^2/NDF : 23.8/31

- 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 $\pm$ 0.006 χ^2 /NDF: 624576.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.763 $\pm$ 0.006 χ^2 /NDF: 817197.0/16

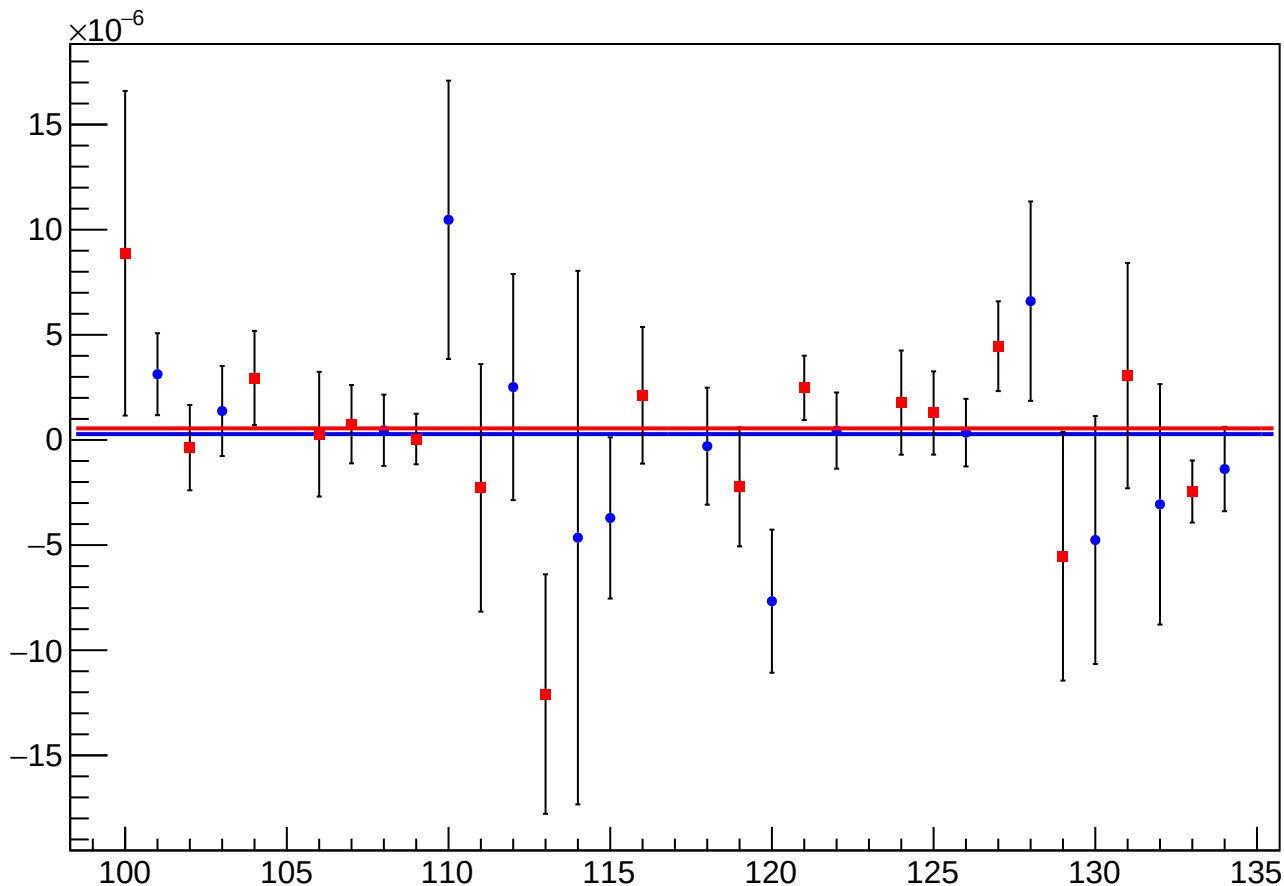
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.023 $\pm$ 0.004 χ^2 /NDF: 1445712.6/31

- sign 0.000 $\pm$ 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: 19.8/16

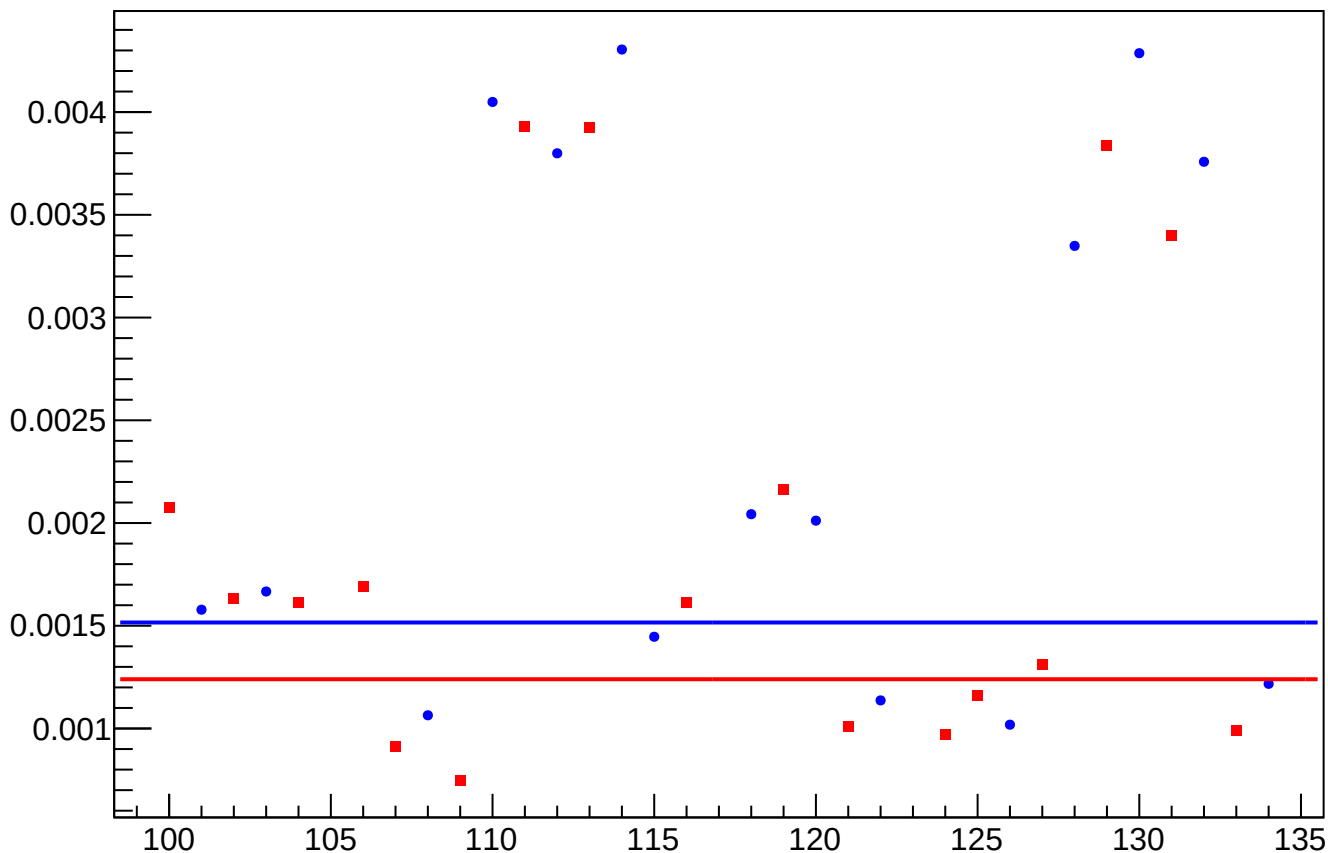
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 35.1/31

- 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 : 2541196.3/16

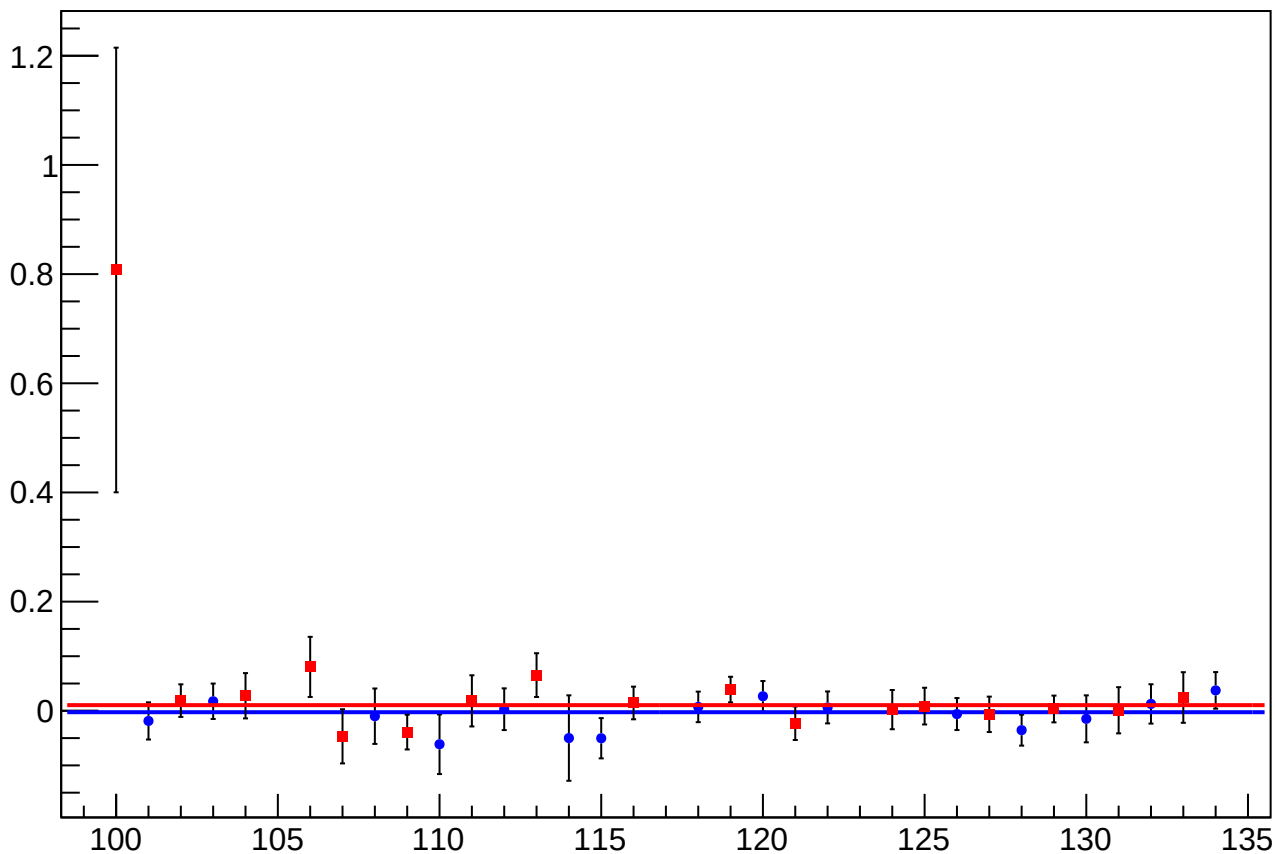
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5137282.2/31

- 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: 0.010+/-0.009 χ^2/NDF : 14.5/16

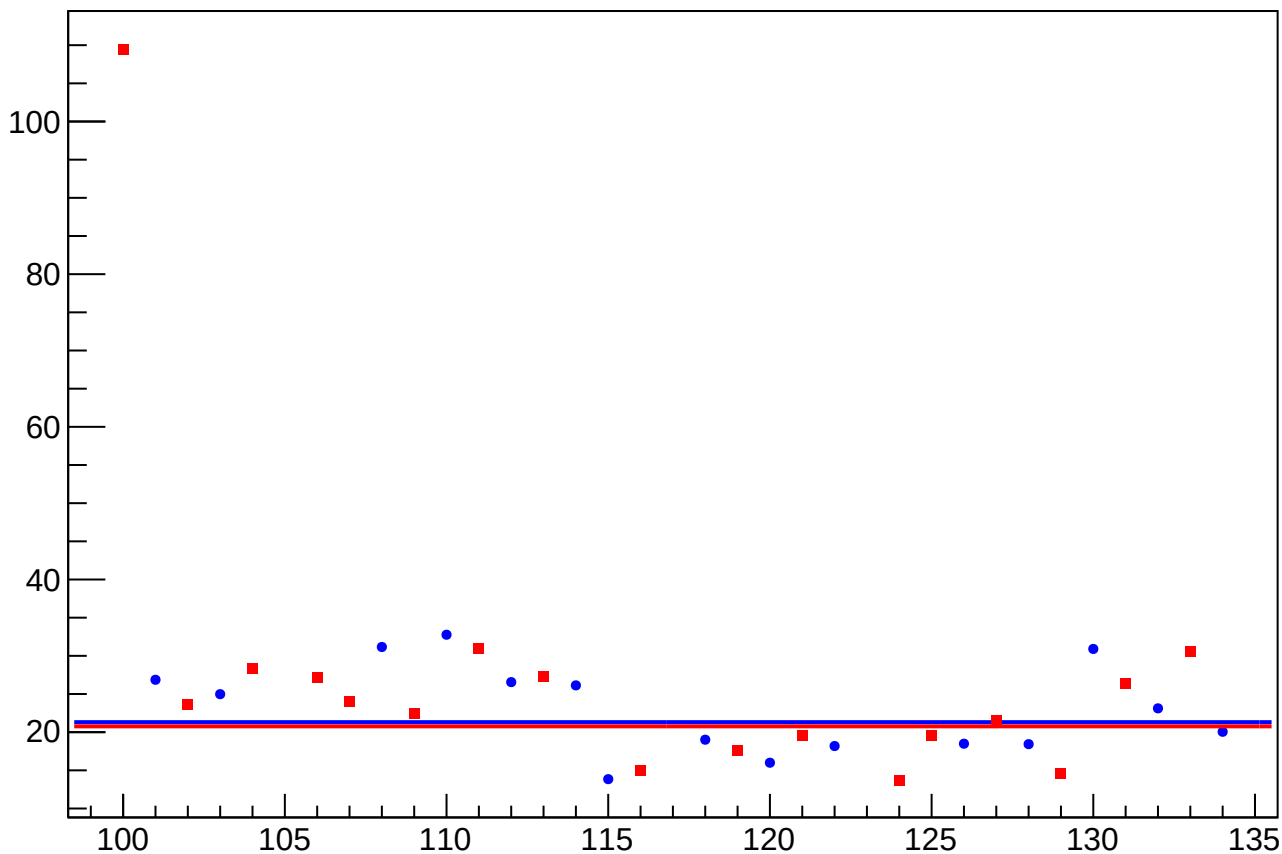
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.006 χ^2/NDF : 23.8/31

- 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: 20.762+/-0.006 χ^2/NDF : 817228.6/16

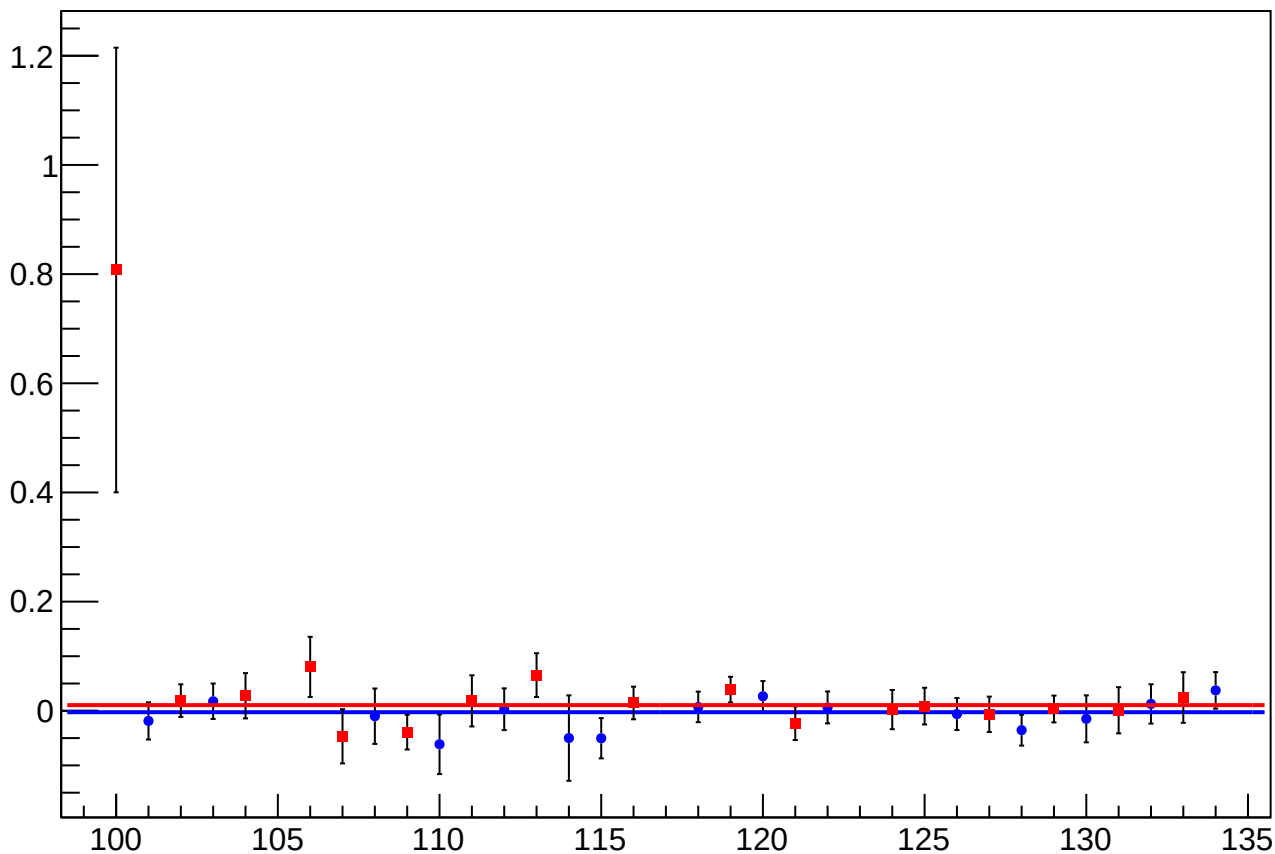
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.022+/-0.004 χ^2/NDF : 1445645.6/31

- 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 $\pm$ 0.009 χ^2 /NDF: 8.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.009 χ^2 /NDF: 14.5/16

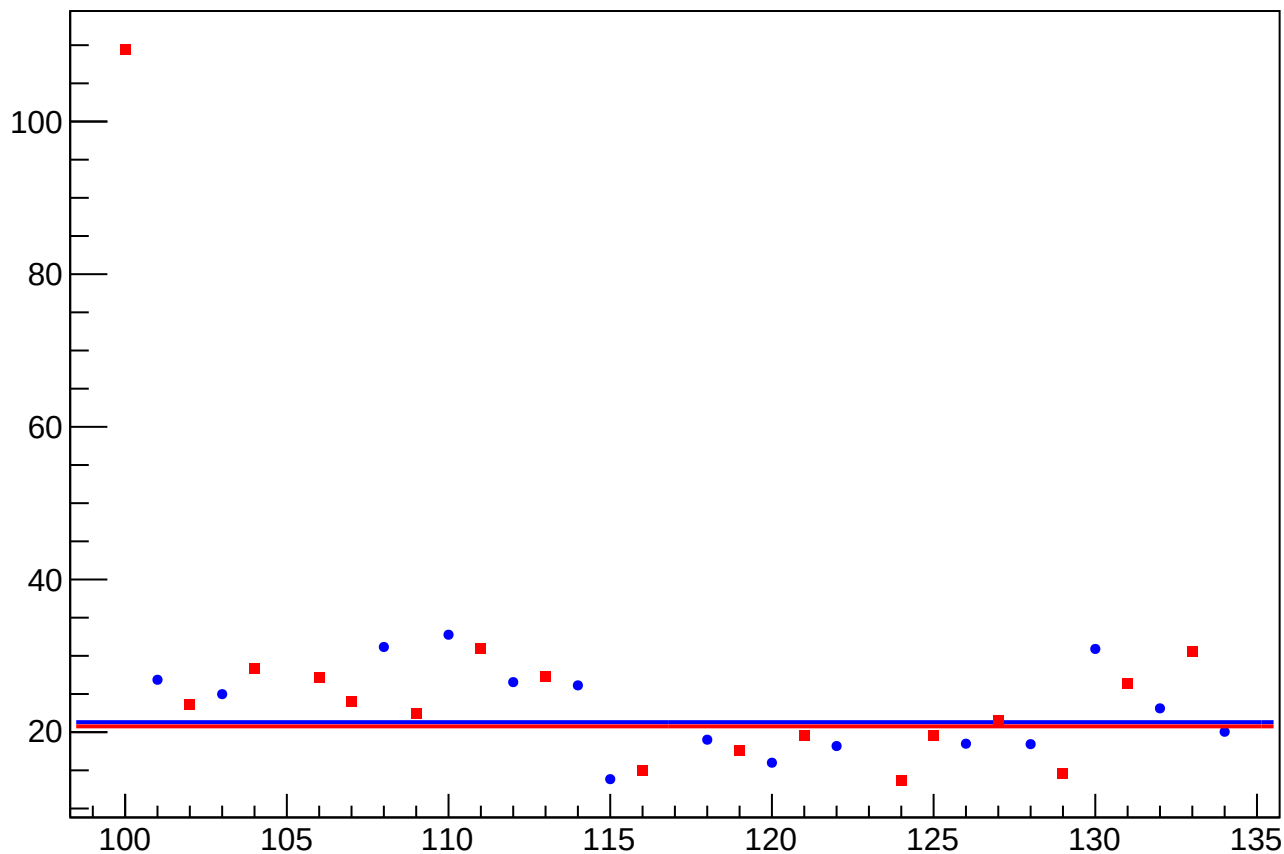
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.006 χ^2 /NDF: 23.8/31

- sign 0.000 $\pm$ 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: 20.762+/-0.006 χ^2/NDF : 817228.6/16

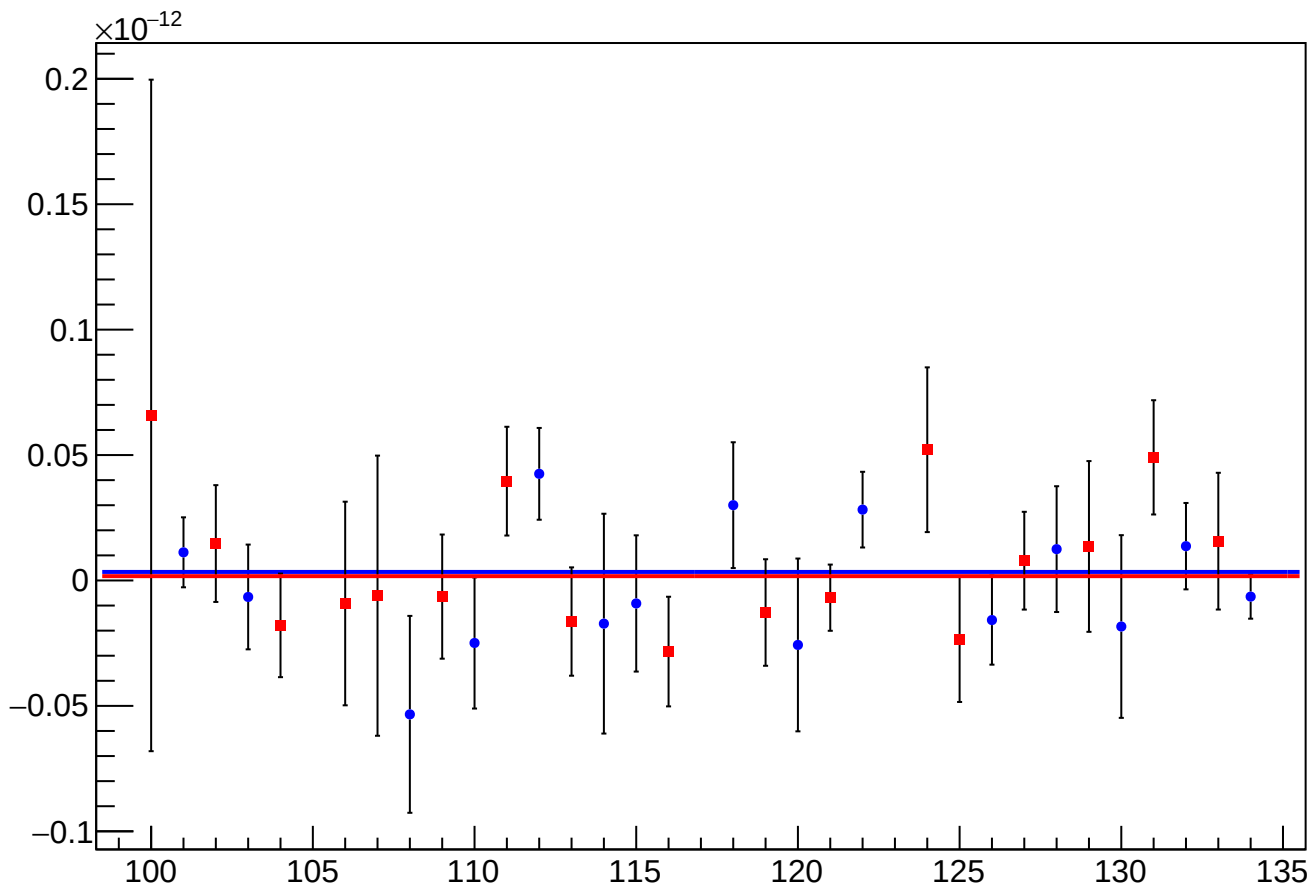
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.022+/-0.004 χ^2/NDF : 1445645.6/31

- 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: 16.3/16

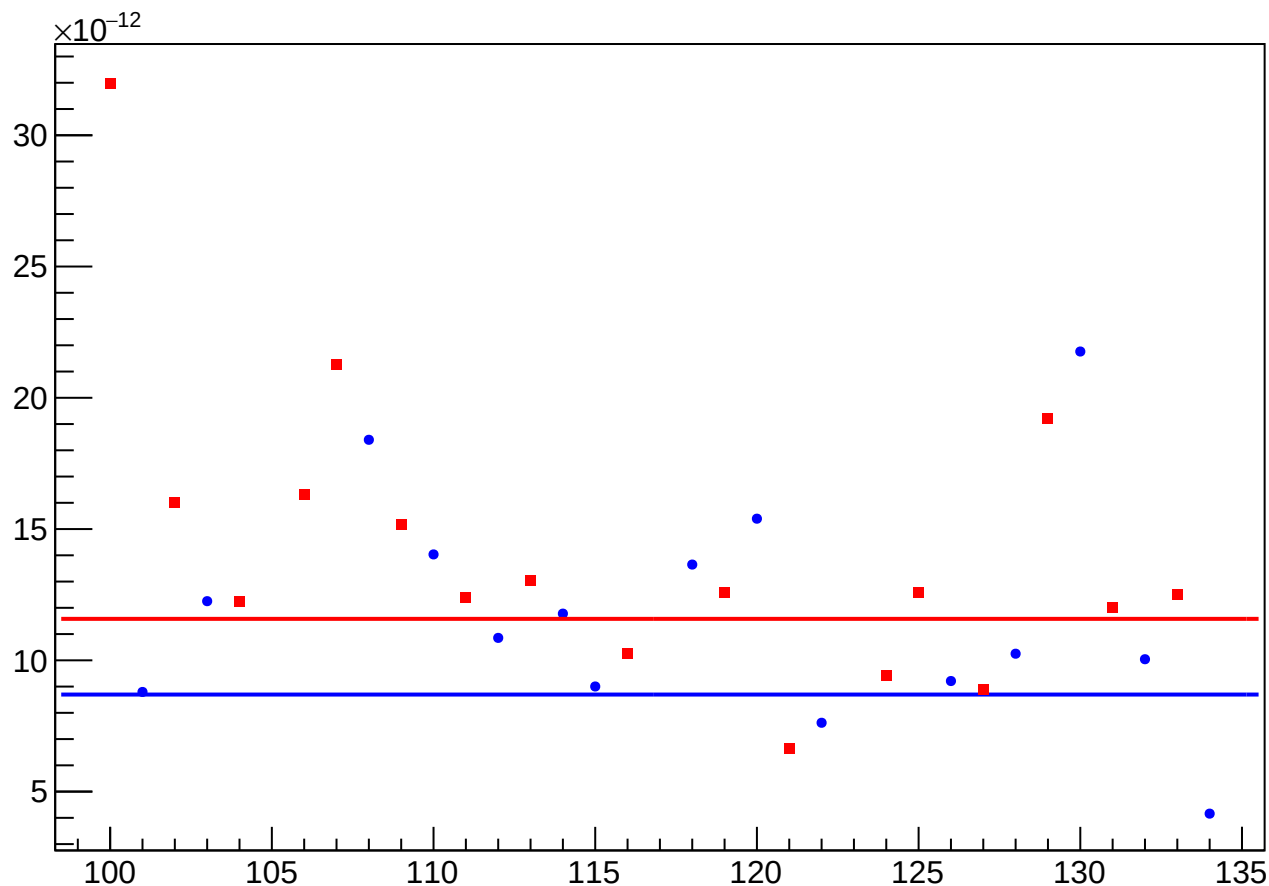
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 33.0/31

- 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 $\pm$ 0.000 χ^2 /NDF: 1275570.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 707087.4/16

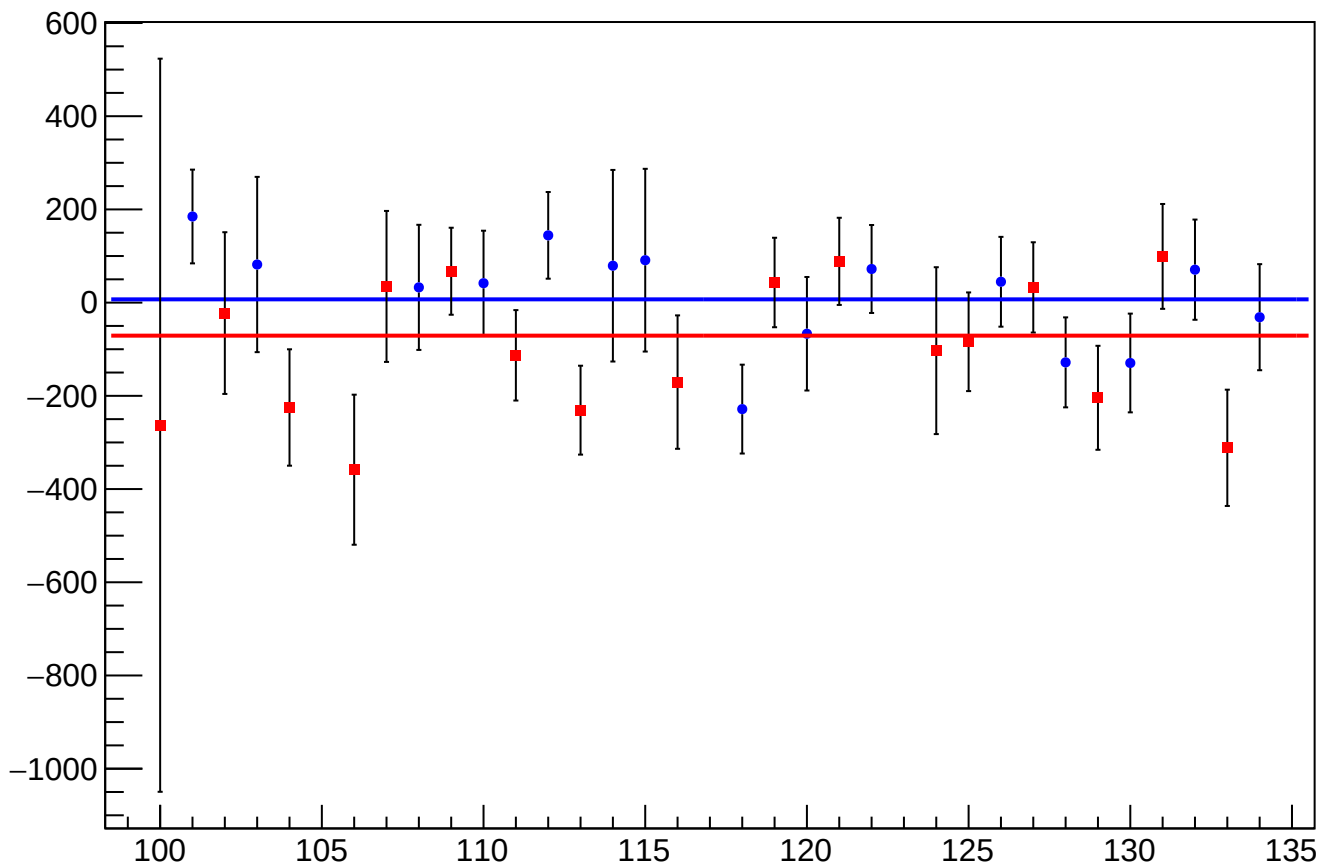
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2278903.3/31

- sign 0.000 $\pm$ 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: -70.860+/-28.526 χ^2/NDF : 23.9/16

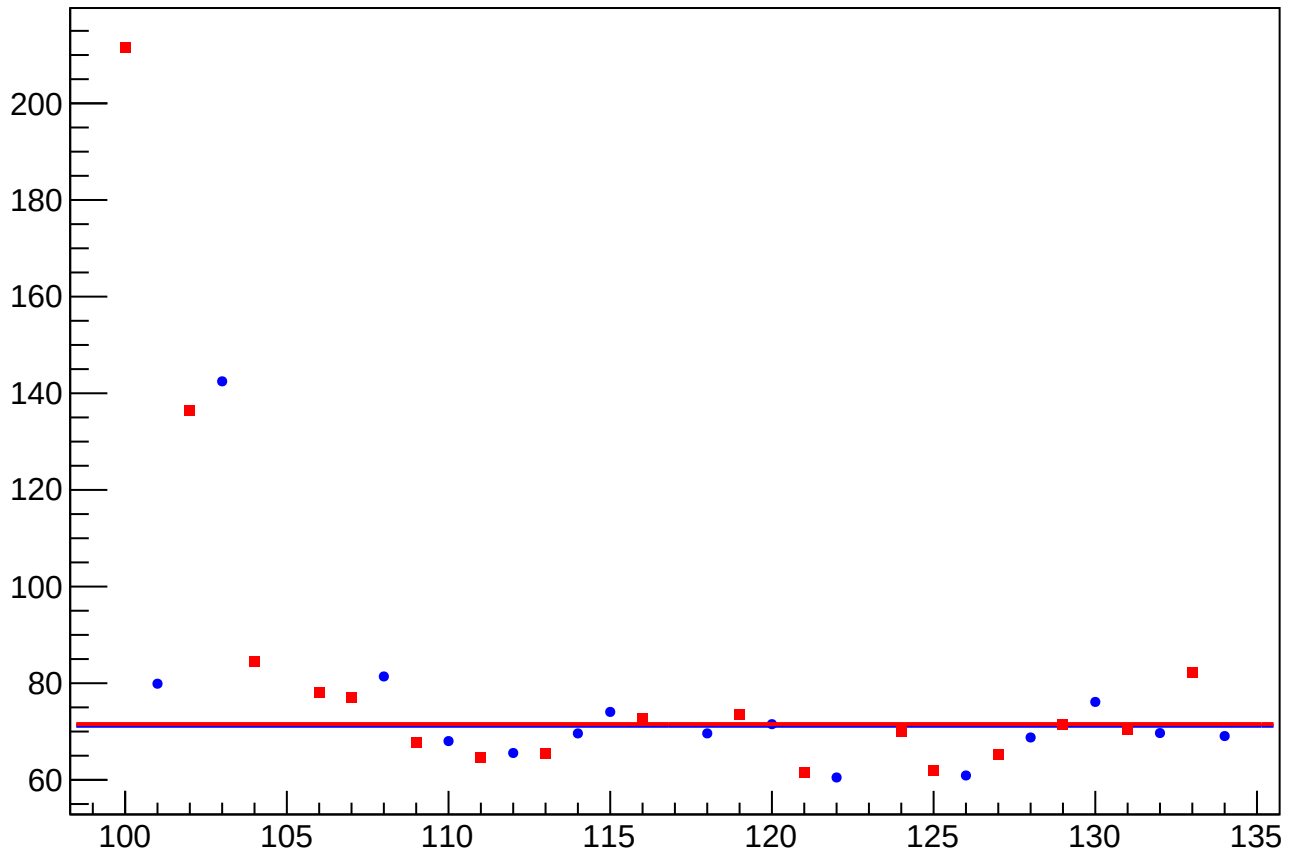
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.633+/-20.356 χ^2/NDF : 44.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_rms vs Slug



Right In: 71.198+/-0.021 χ^2/NDF : 379123.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.546+/-0.020 χ^2/NDF : 455529.6/16

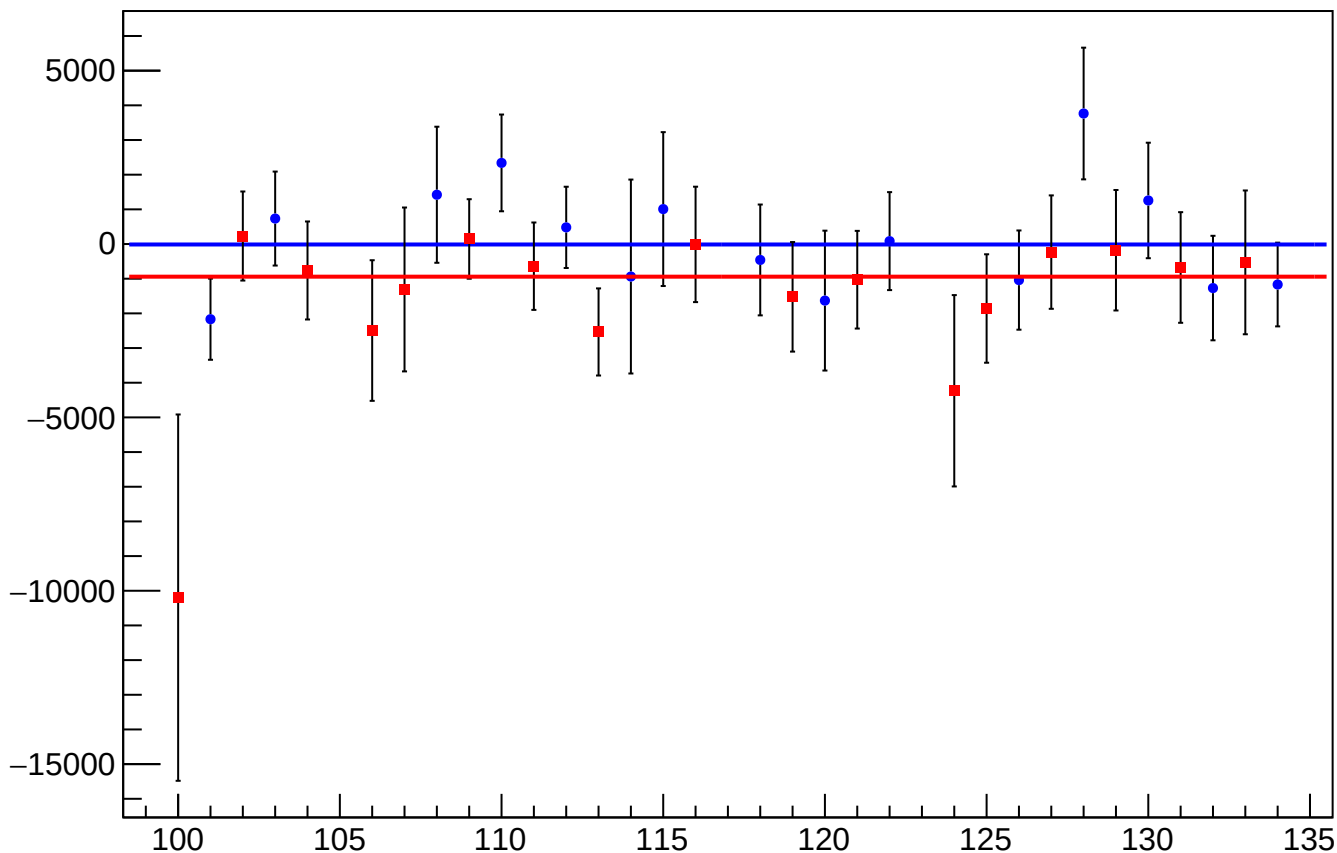
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.375+/-0.014 χ^2/NDF : 834799.1/31

- sign 0.000+/-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: -941.357 ± 385.613 χ^2/NDF : 9.8/16

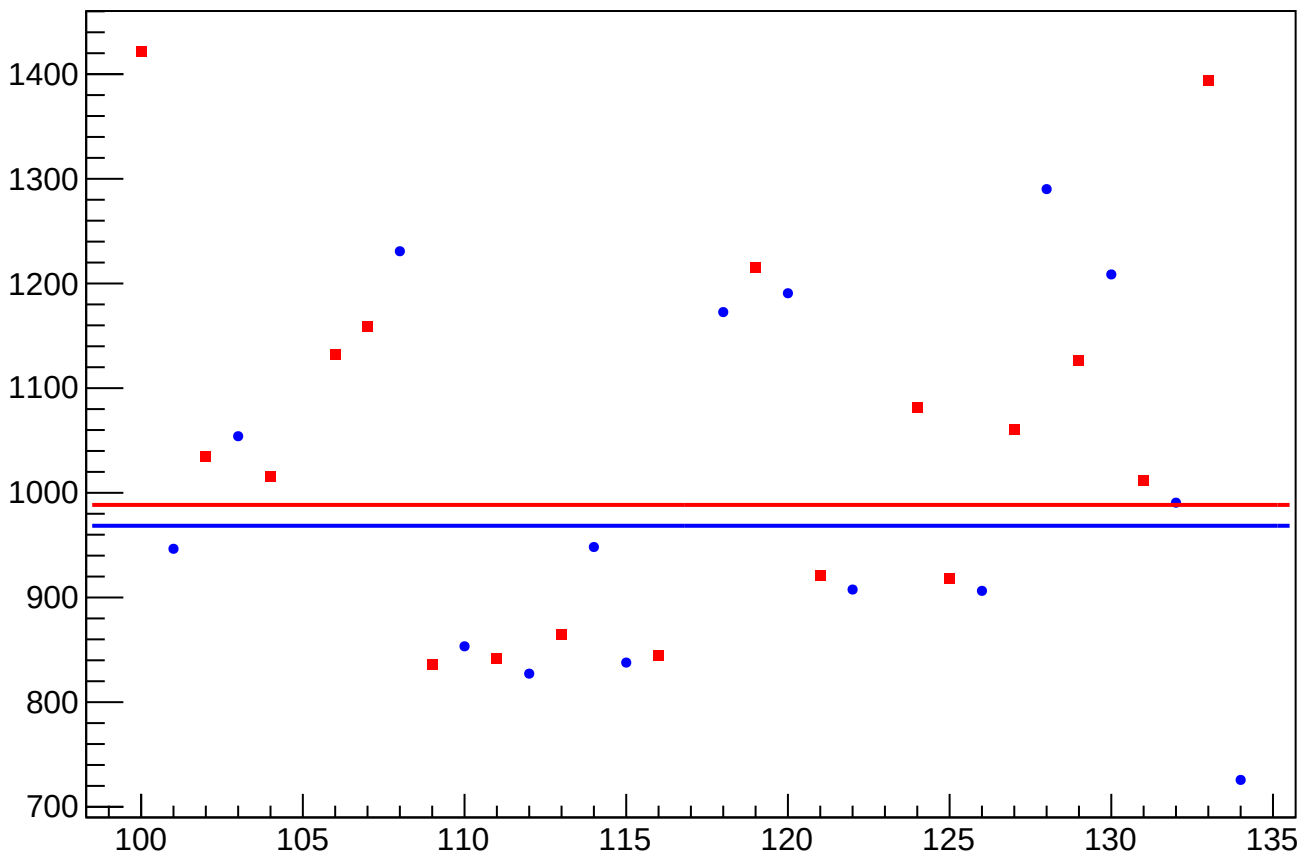
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -485.215 ± 275.004 χ^2/NDF : 27.6/31

- 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: 988.452+/-0.273 χ^2/NDF : 279914.1/16

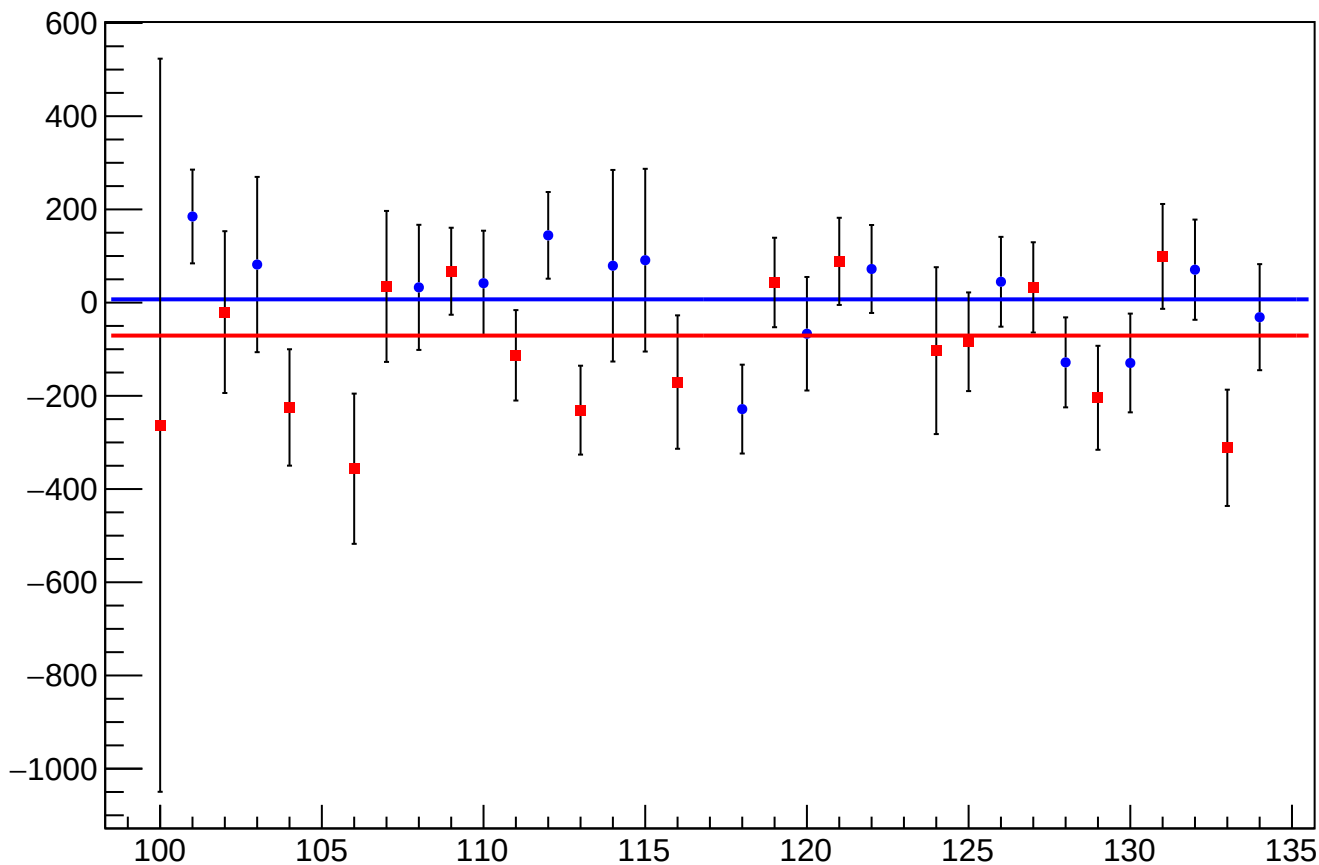
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 978.661+/-0.194 χ^2/NDF : 621320.8/31

- 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: -70.715+/-28.527 χ^2 /NDF: 23.8/16

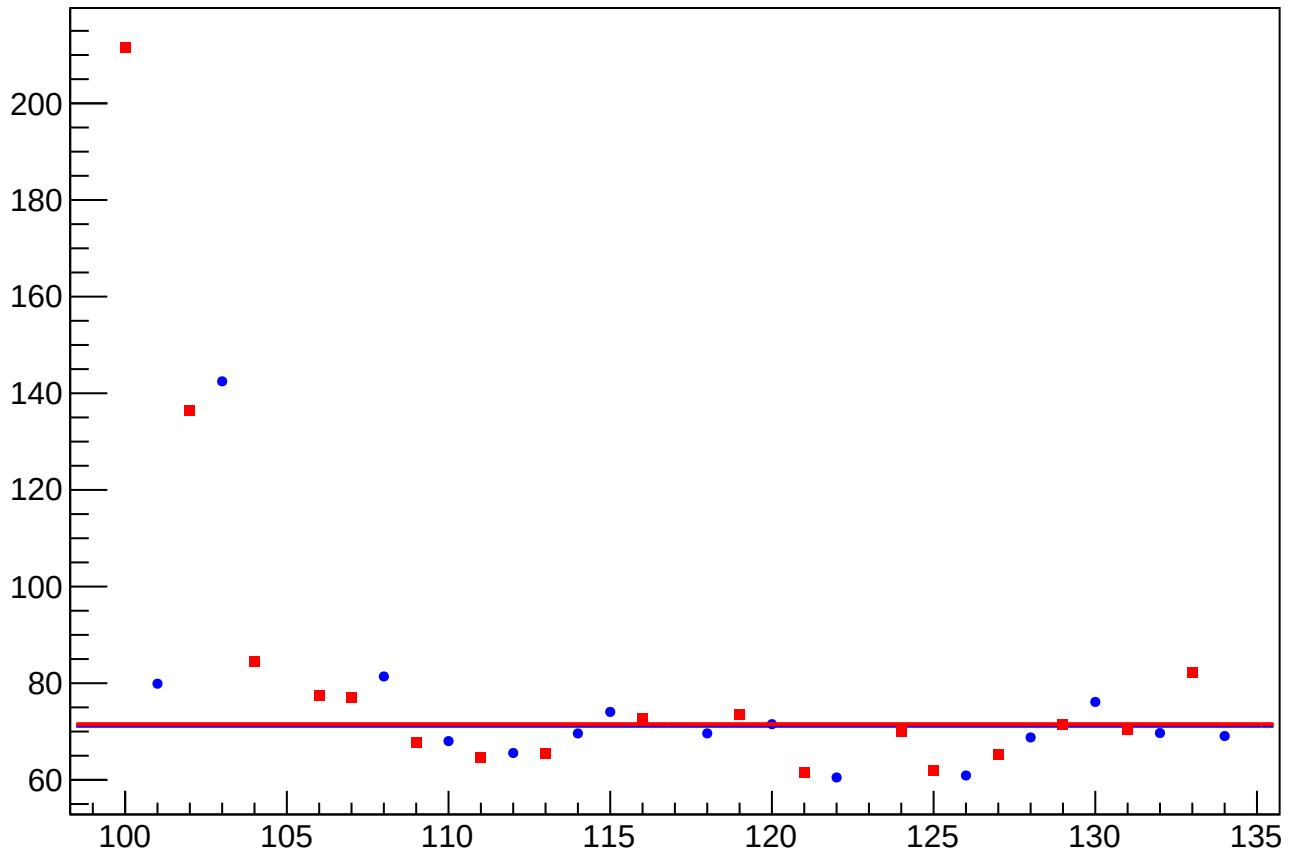
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -32.562+/-20.356 χ^2 /NDF: 44.6/31

- 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: 71.524 $\pm$ 0.020 χ^2 /NDF: 455126.8/16

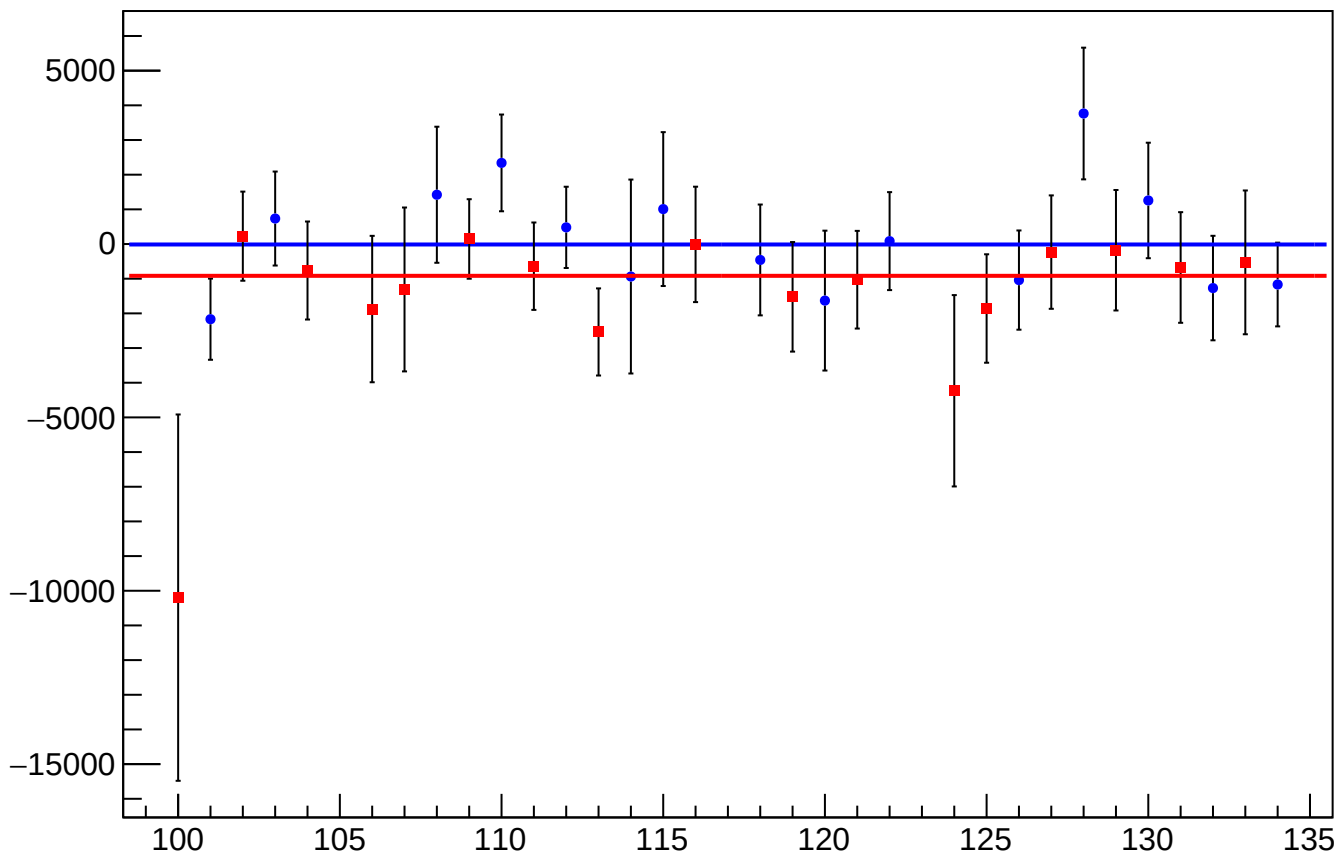
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 71.364 $\pm$ 0.014 χ^2 /NDF: 834381.2/31

- 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: -916.871+/-386.181 χ^2/NDF : 9.4/16

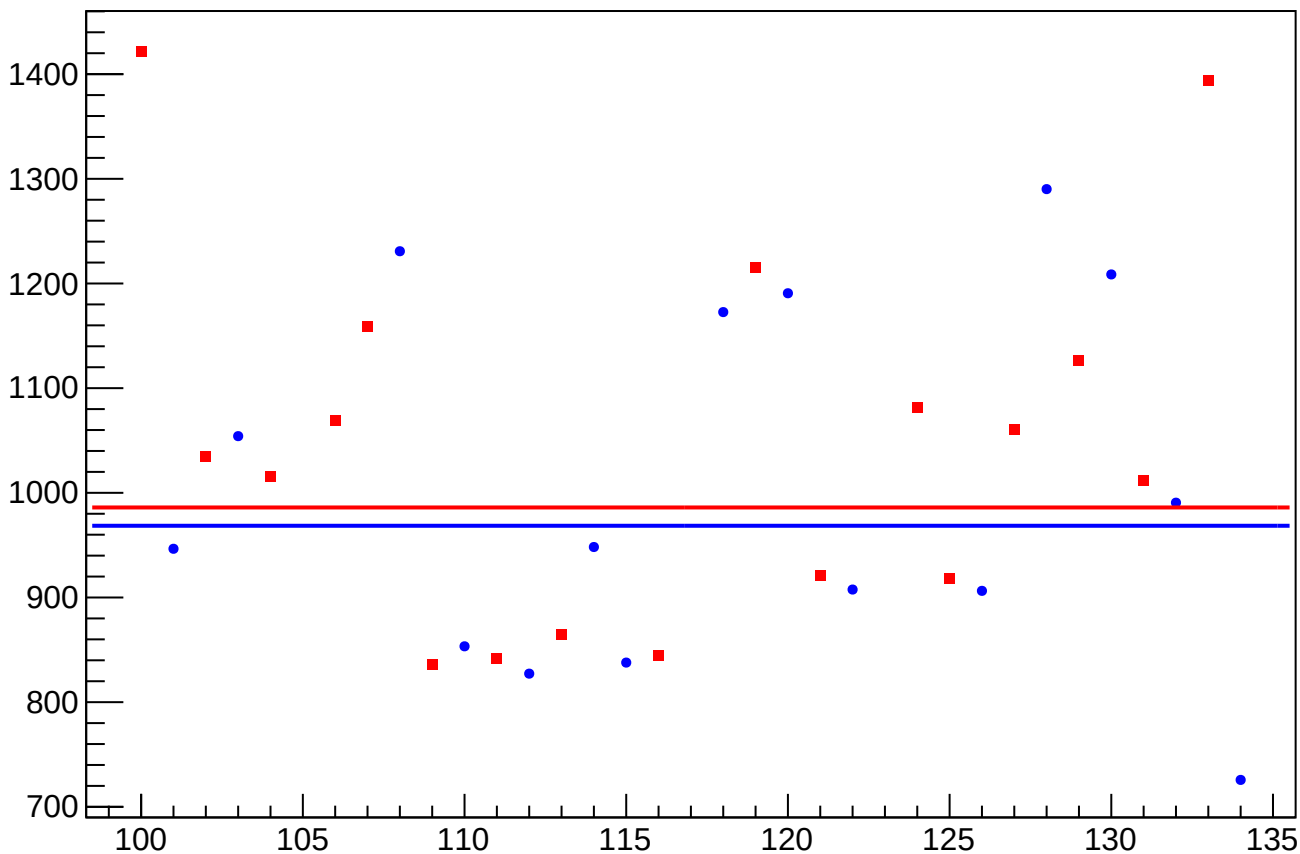
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -472.079+/-275.211 χ^2/NDF : 27.0/31

- 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: 986.013 $\pm$ 0.273 χ^2 /NDF: 272823.3/16

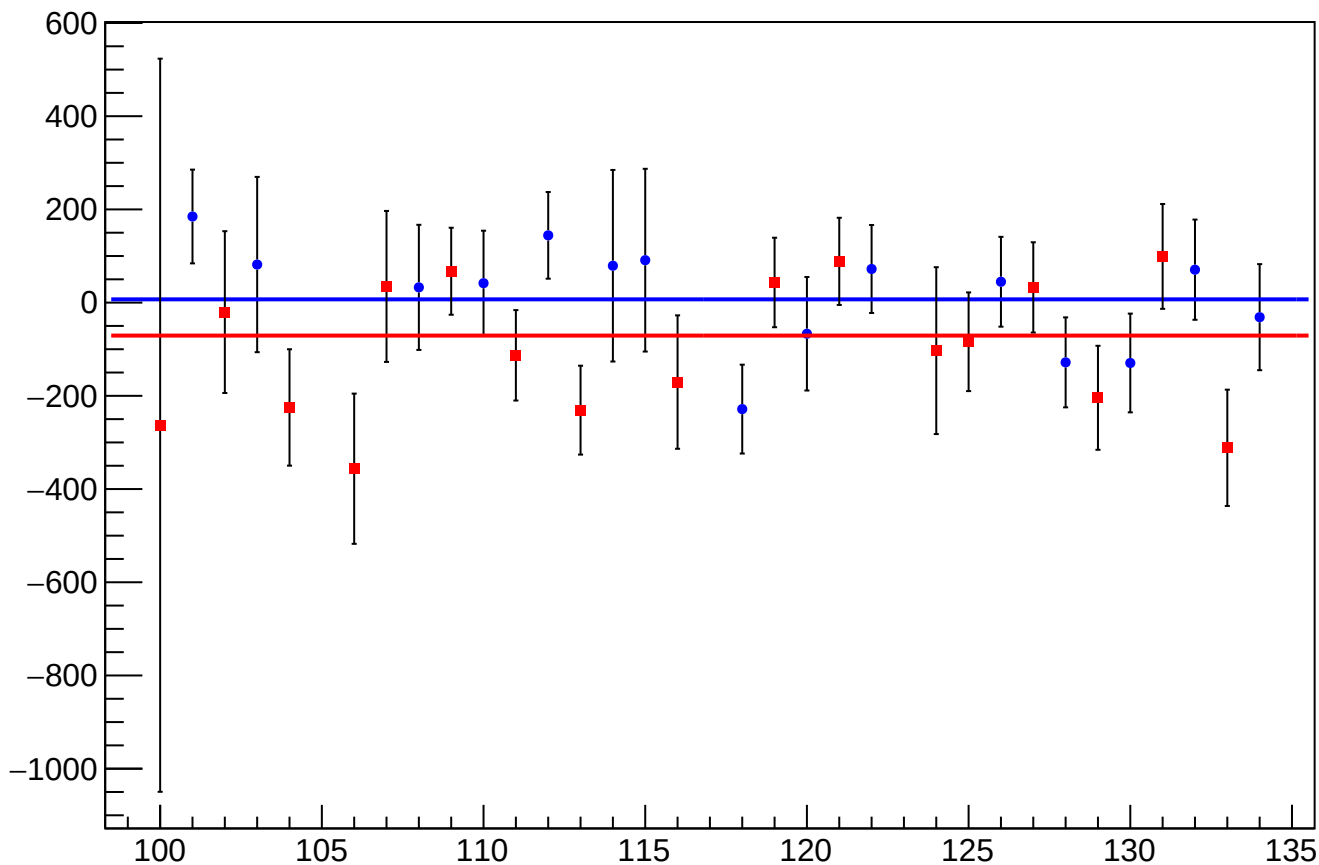
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 977.410 $\pm$ 0.195 χ^2 /NDF: 613637.3/31

- 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: -70.715+/-28.527 χ^2/NDF : 23.8/16

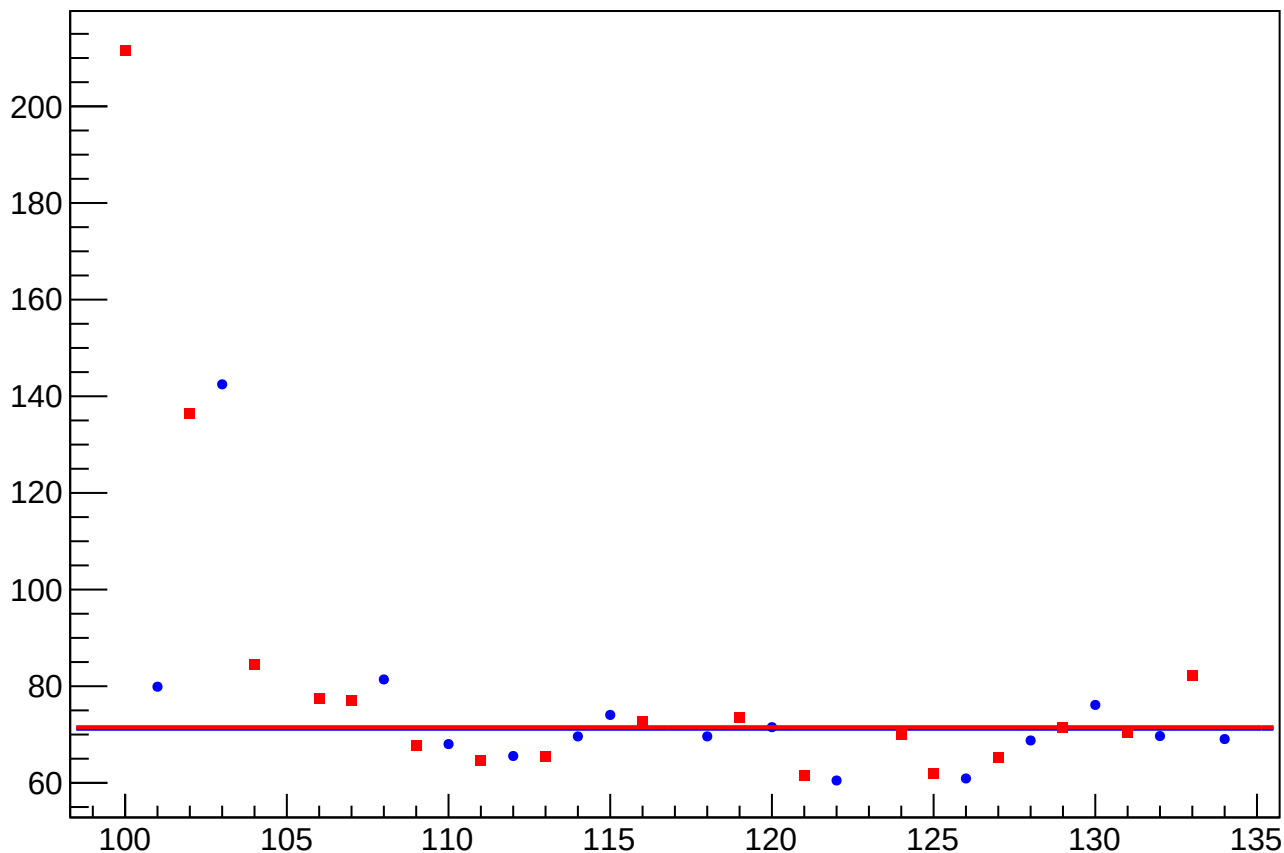
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.562+/-20.356 χ^2/NDF : 44.6/31

- 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: 71.524 $\pm$ 0.020 χ^2 /NDF: 455126.8/16

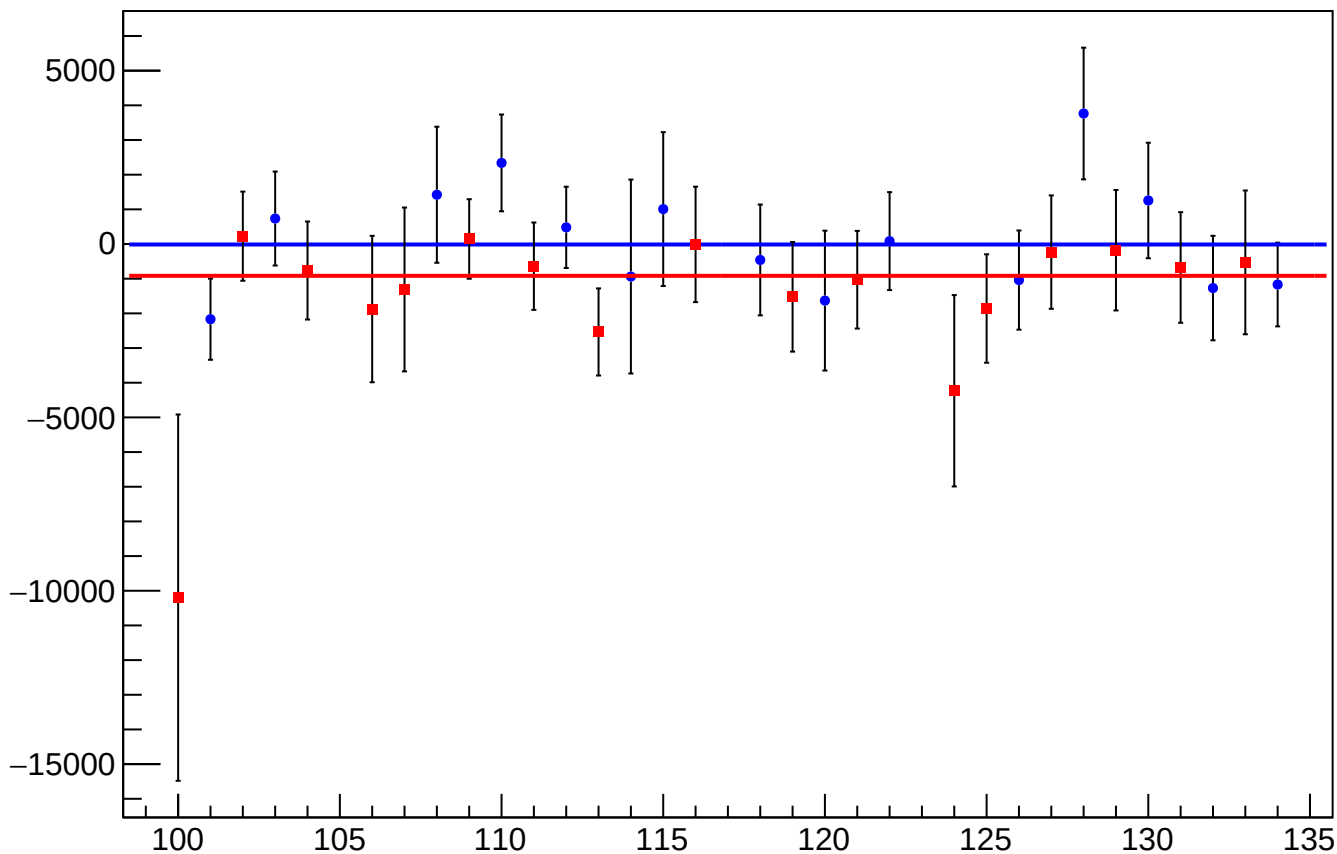
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 71.364 $\pm$ 0.014 χ^2 /NDF: 834381.2/31

- 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: -916.871 ± 386.181 χ^2/NDF : 9.4/16

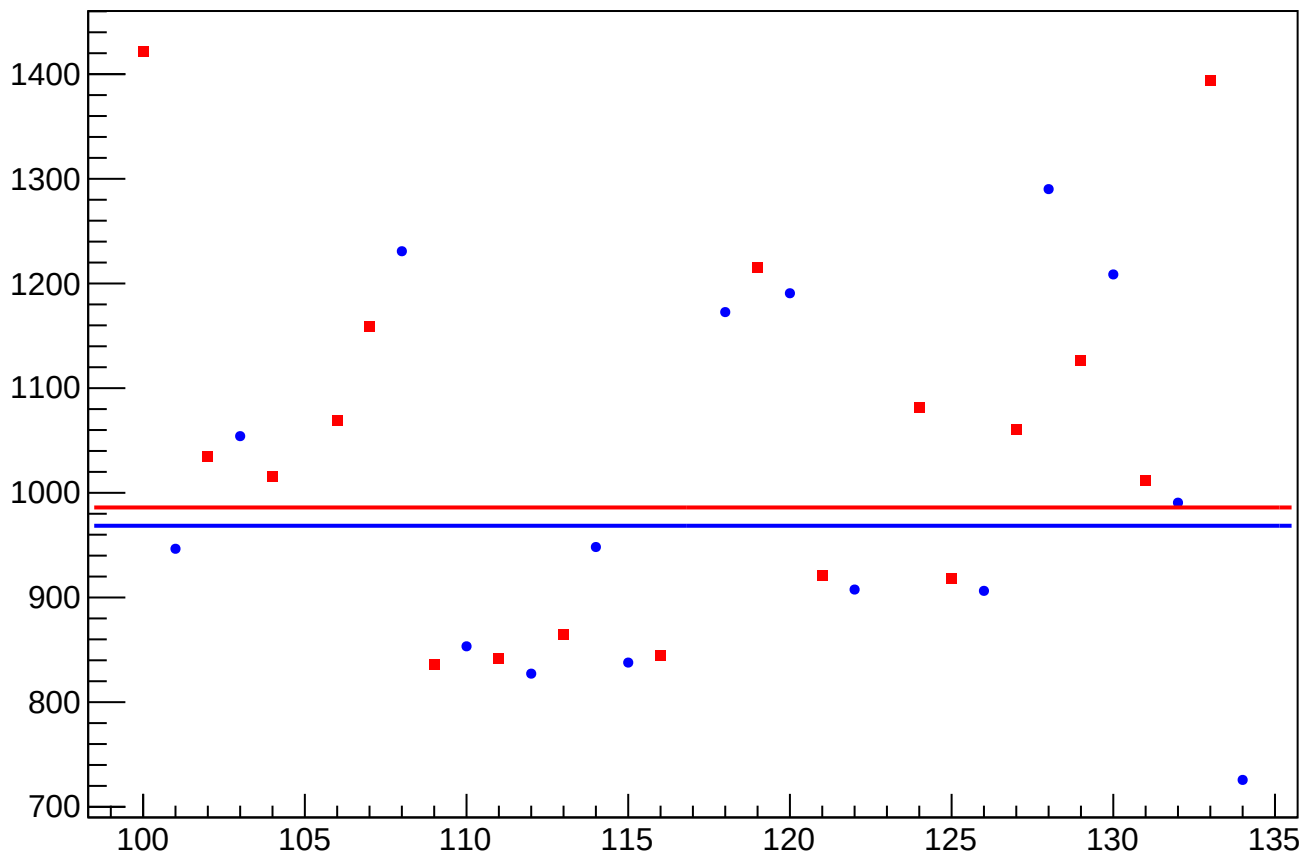
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -472.079 ± 275.211 χ^2/NDF : 27.0/31

- 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: 986.013 $\pm$ 0.273 χ^2 /NDF: 272823.3/16

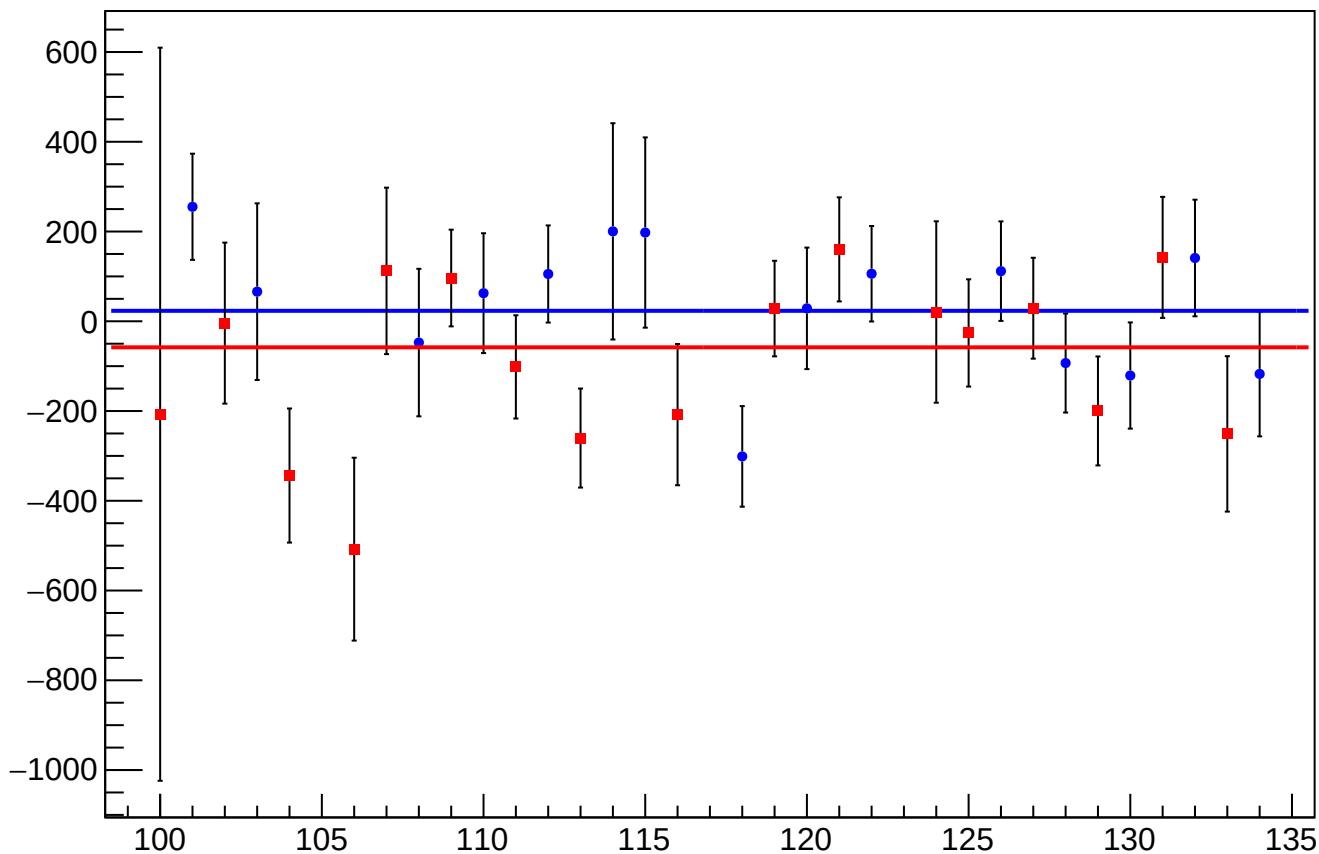
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 977.410 $\pm$ 0.195 χ^2 /NDF: 613637.3/31

- 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: -58.051+/-33.202 χ^2/NDF : 25.8/16

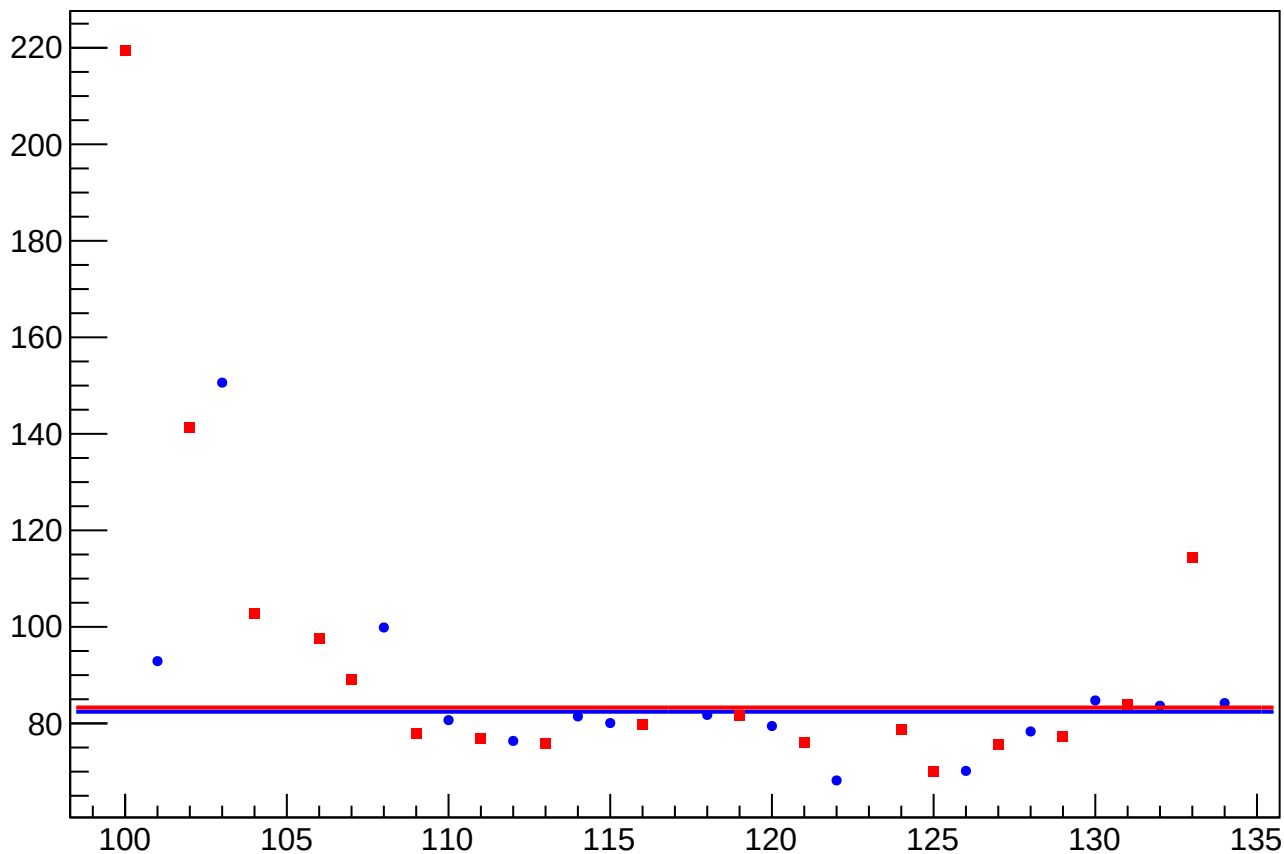
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.905+/-23.631 χ^2/NDF : 48.8/31

- 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: 83.289+/-0.023 χ^2/NDF : 444716.3/16

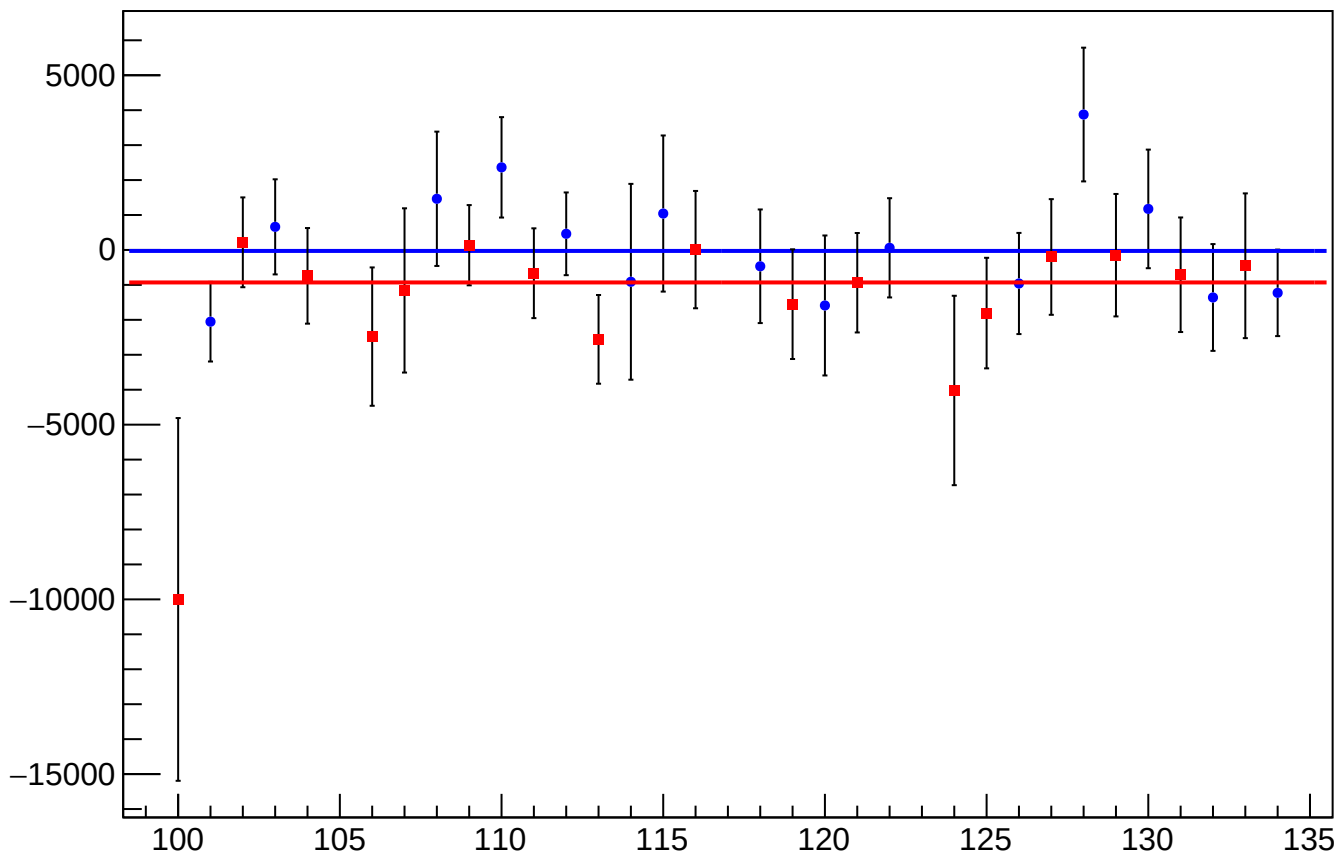
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.859+/-0.017 χ^2/NDF : 796010.3/31

- 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: -930.048 ± 386.800 χ^2/NDF : 9.6/16

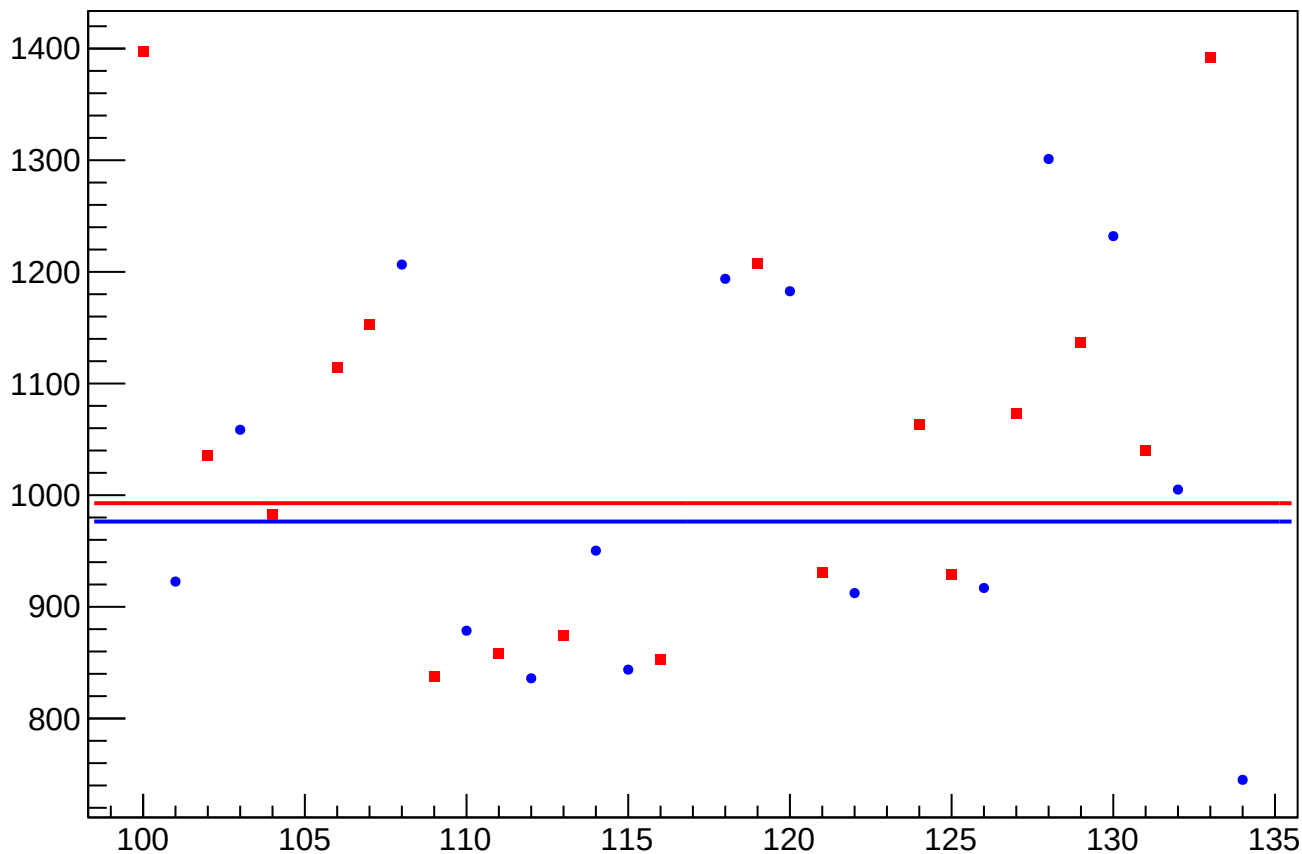
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -488.533 ± 276.363 χ^2/NDF : 27.0/31

- 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: 992.815+/-0.274 χ^2/NDF : 261370.3/16

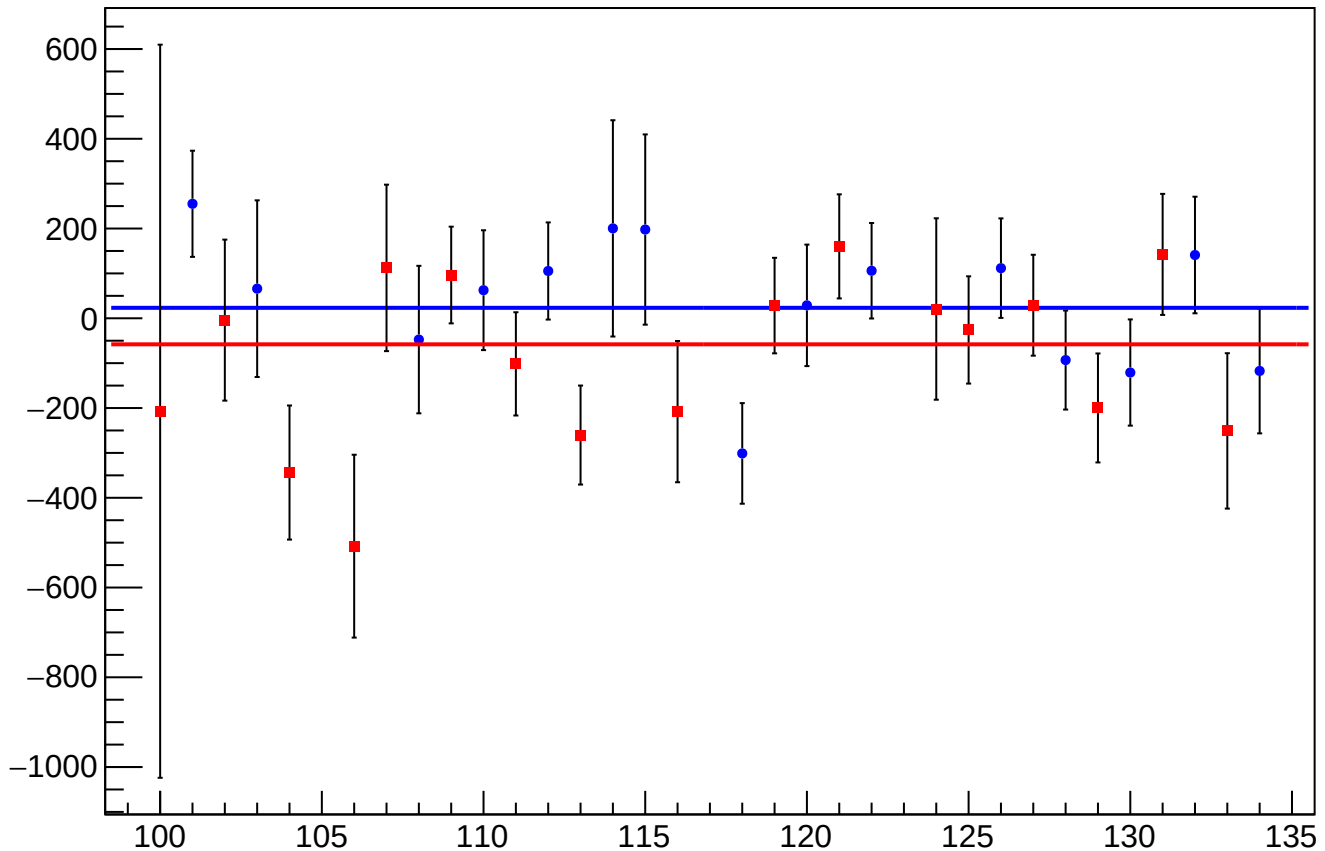
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 984.776+/-0.195 χ^2/NDF : 586129.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_12345678_avg_mean vs Slug



Right In: 23.312+/-33.642 χ^2/NDF : 20.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -58.049+/-33.201 χ^2/NDF : 25.8/16

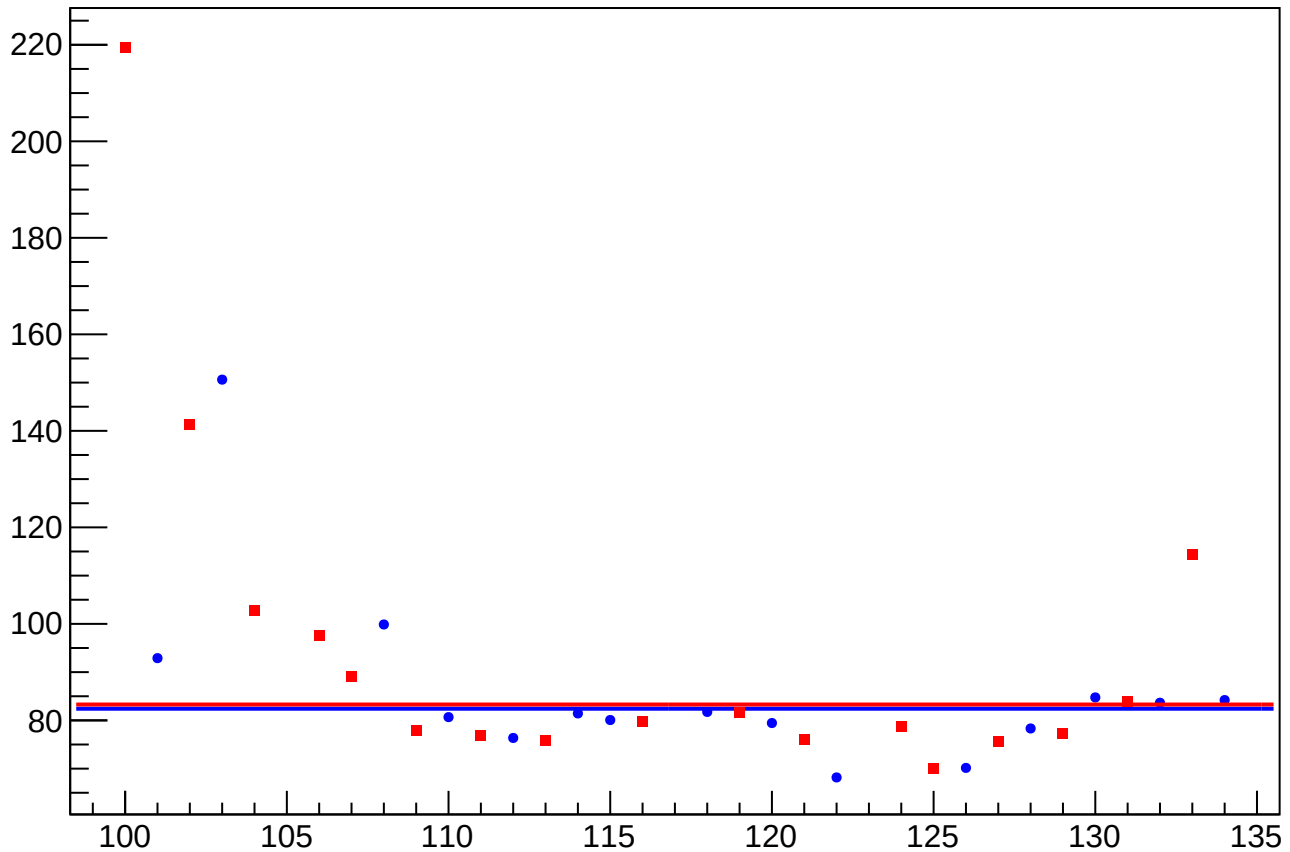
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.905+/-23.631 χ^2/NDF : 48.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_12345678_avg_rms vs Slug



Right In: 82.417 $\pm$ 0.024 χ^2 /NDF: 350616.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 83.288 $\pm$ 0.023 χ^2 /NDF: 444728.6/16

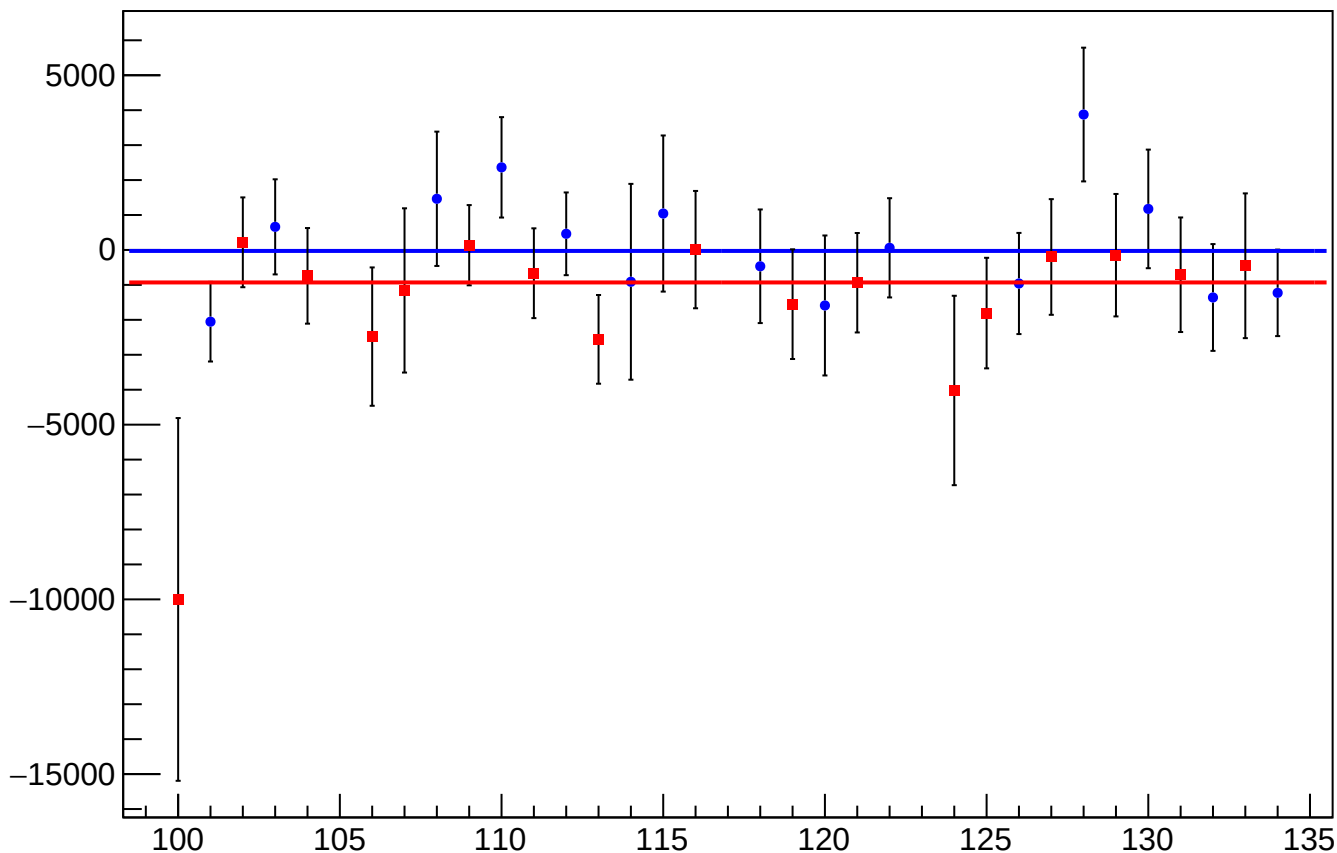
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 82.858 $\pm$ 0.017 χ^2 /NDF: 796025.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_dit_correction_mean vs Slug



Right In: -28.090 ± 395.002 χ^2/NDF : 14.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -930.046 ± 386.799 χ^2/NDF : 9.6/16

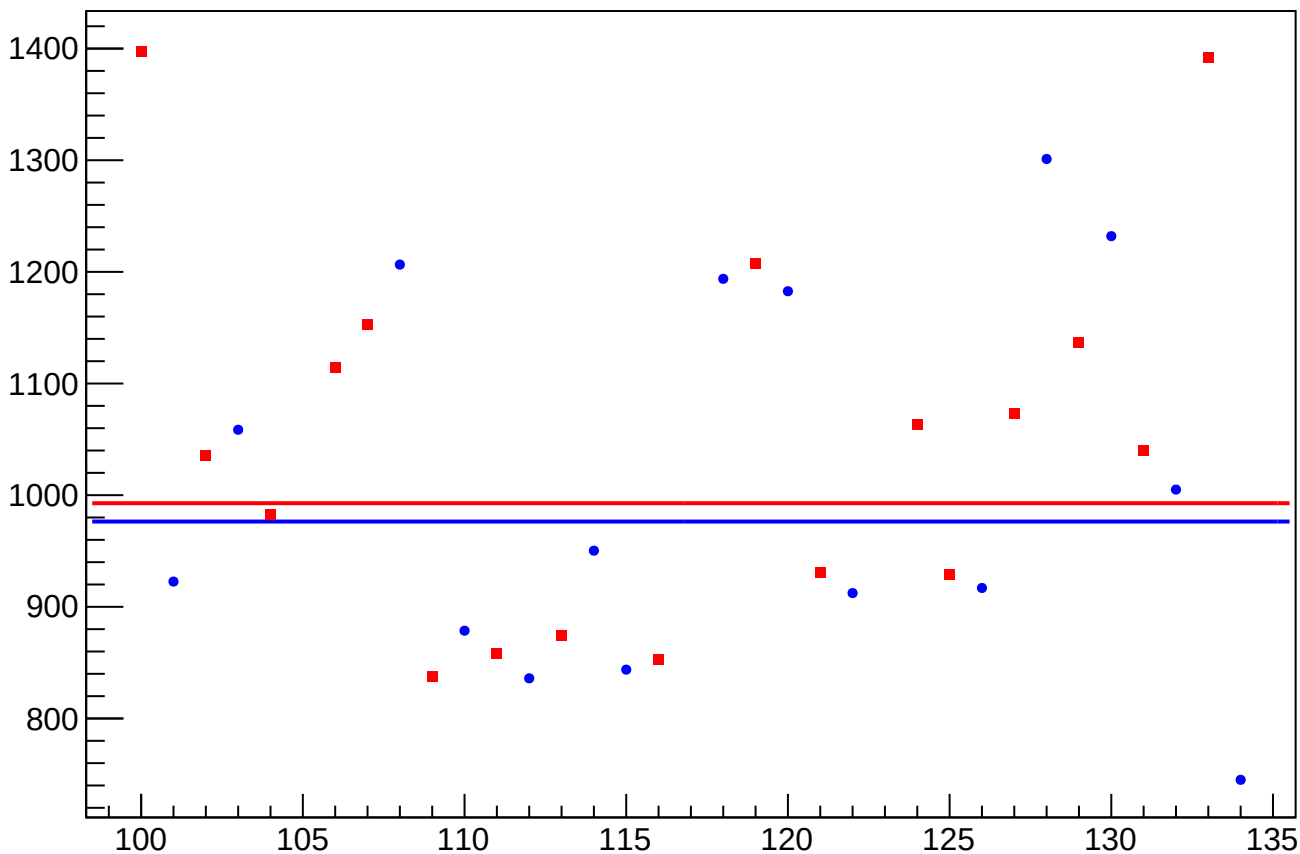
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -488.531 ± 276.362 χ^2/NDF : 27.0/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_eigen_dit_correction_rms vs Slug



Right In: 976.391+/-0.279 χ^2/NDF : 322995.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 992.812+/-0.274 χ^2/NDF : 261373.3/16

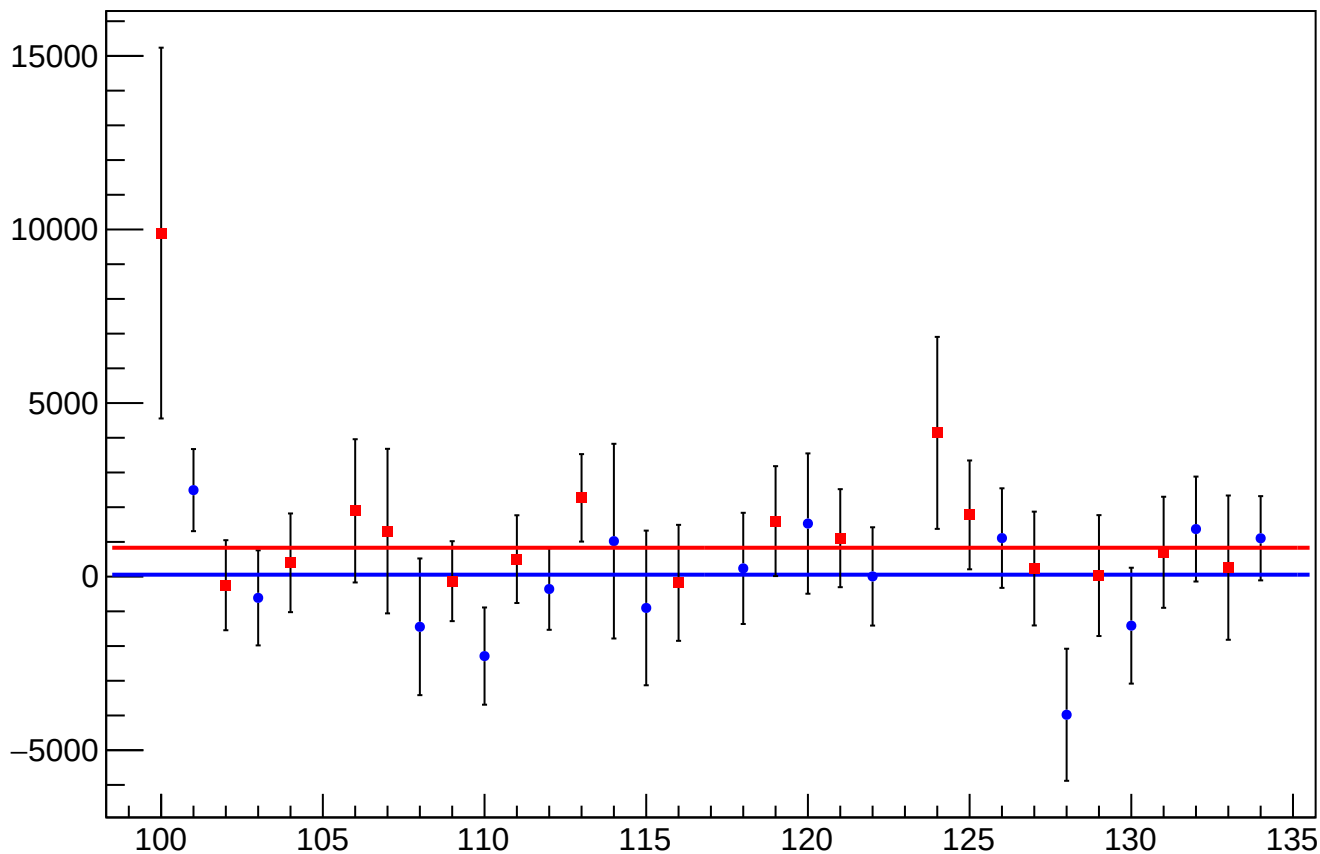
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 984.774+/-0.195 χ^2/NDF : 586133.8/31

- sign 0.000+/-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: 831.847+/-387.272 χ^2/NDF : 8.9/16

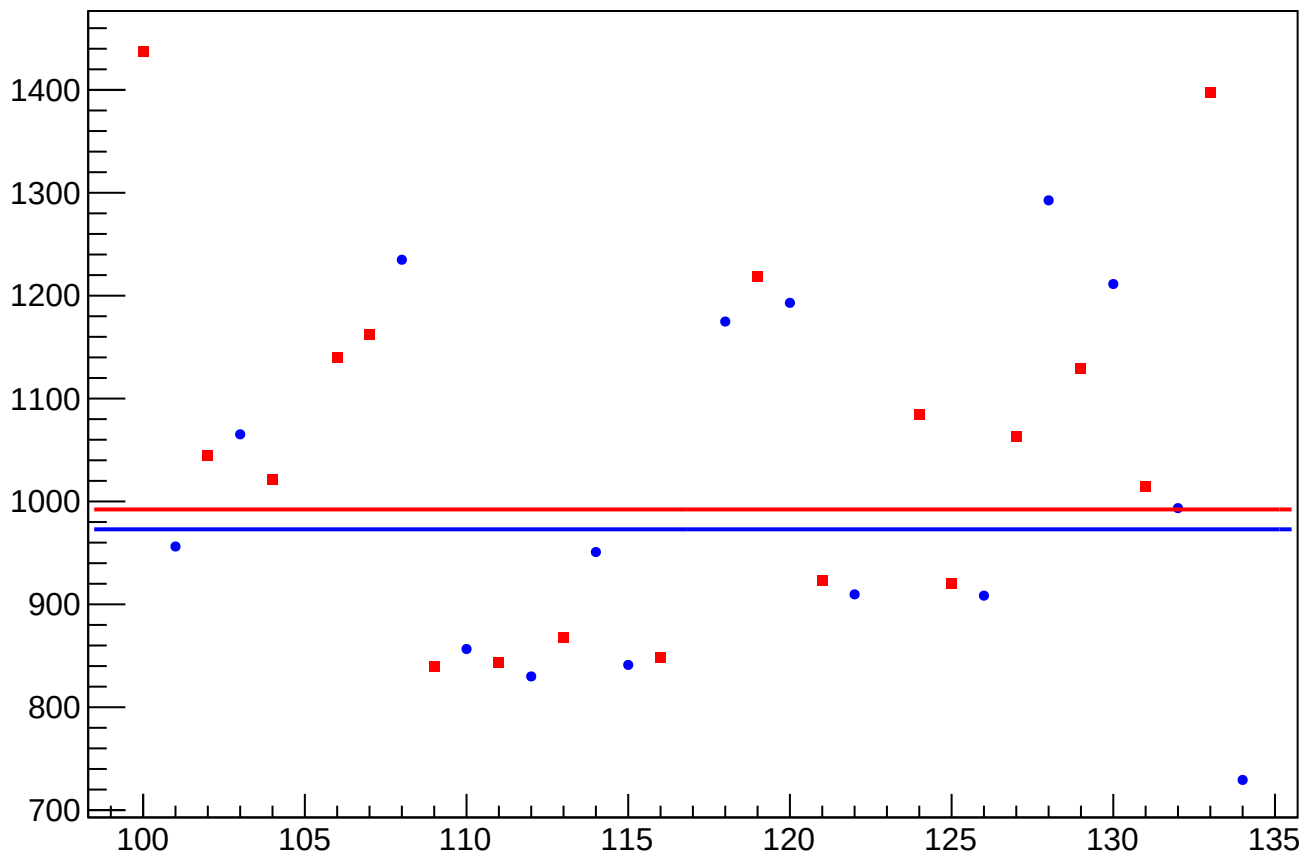
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 450.542+/-276.207 χ^2/NDF : 27.0/31

- 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: 992.235+/-0.274 χ^2/NDF : 280266.5/16

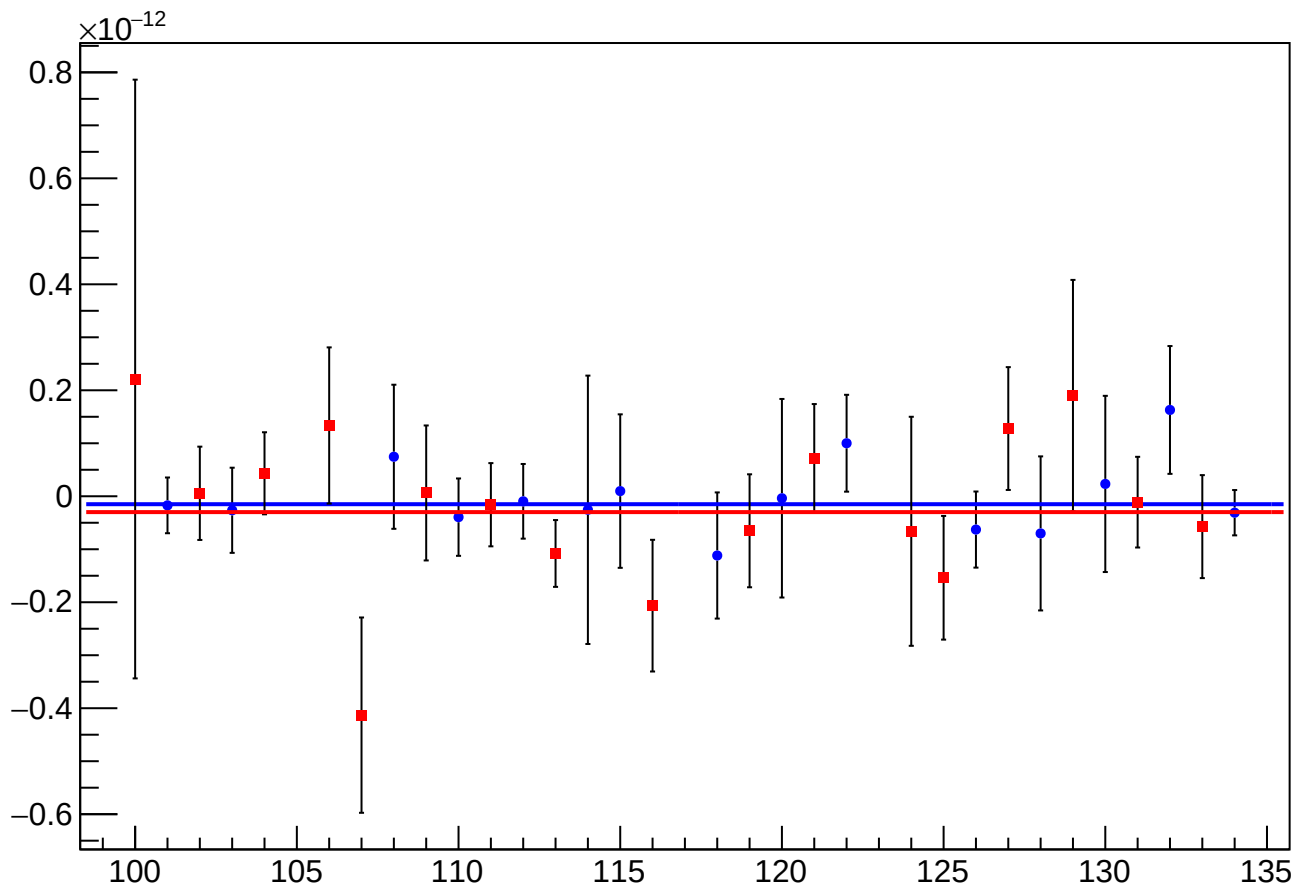
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 982.743+/-0.195 χ^2/NDF : 619947.9/31

- 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 : 15.7/16

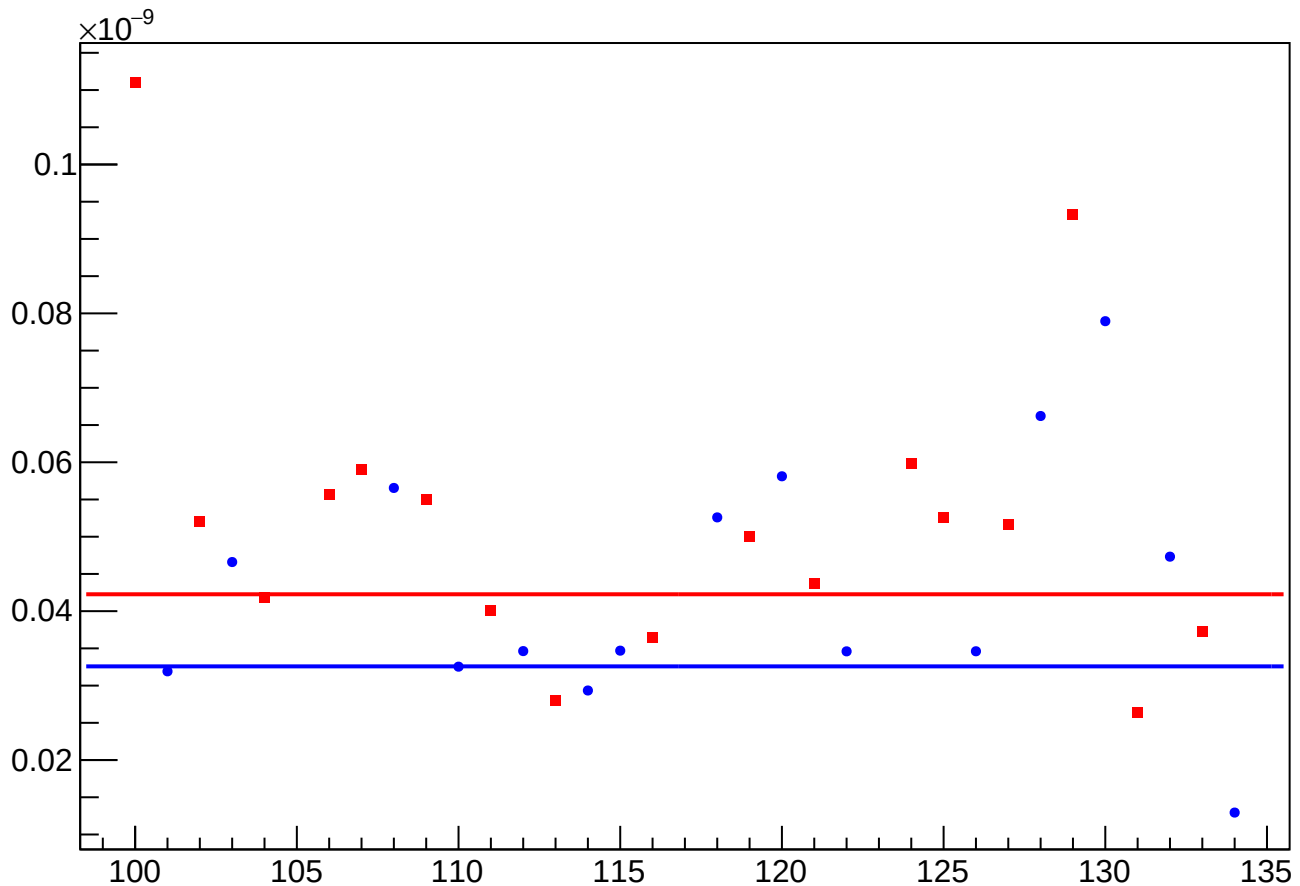
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.7/31

- 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 : 451800.5/16

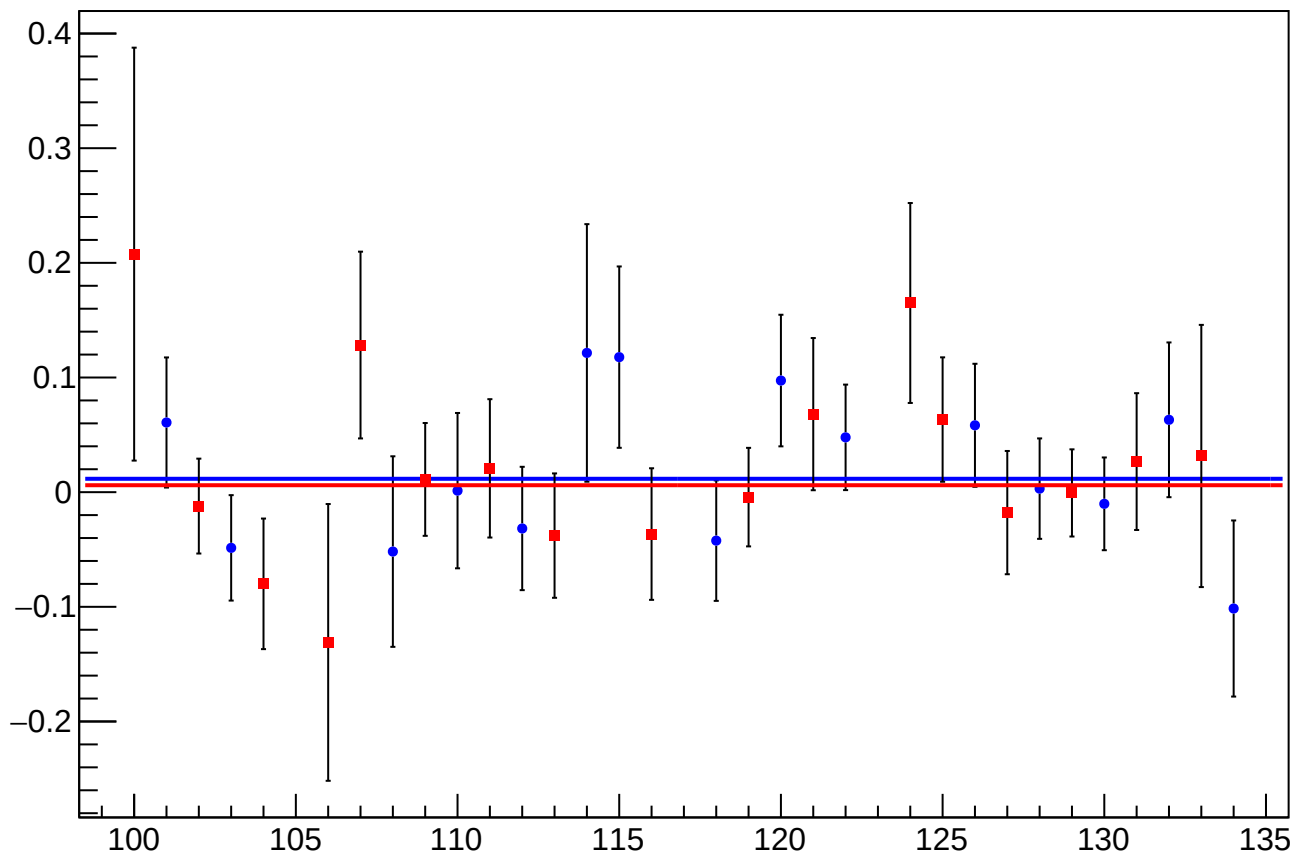
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1555312.4/31

- 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: 0.006 $\pm$ 0.014 χ^2 /NDF: 14.3/16

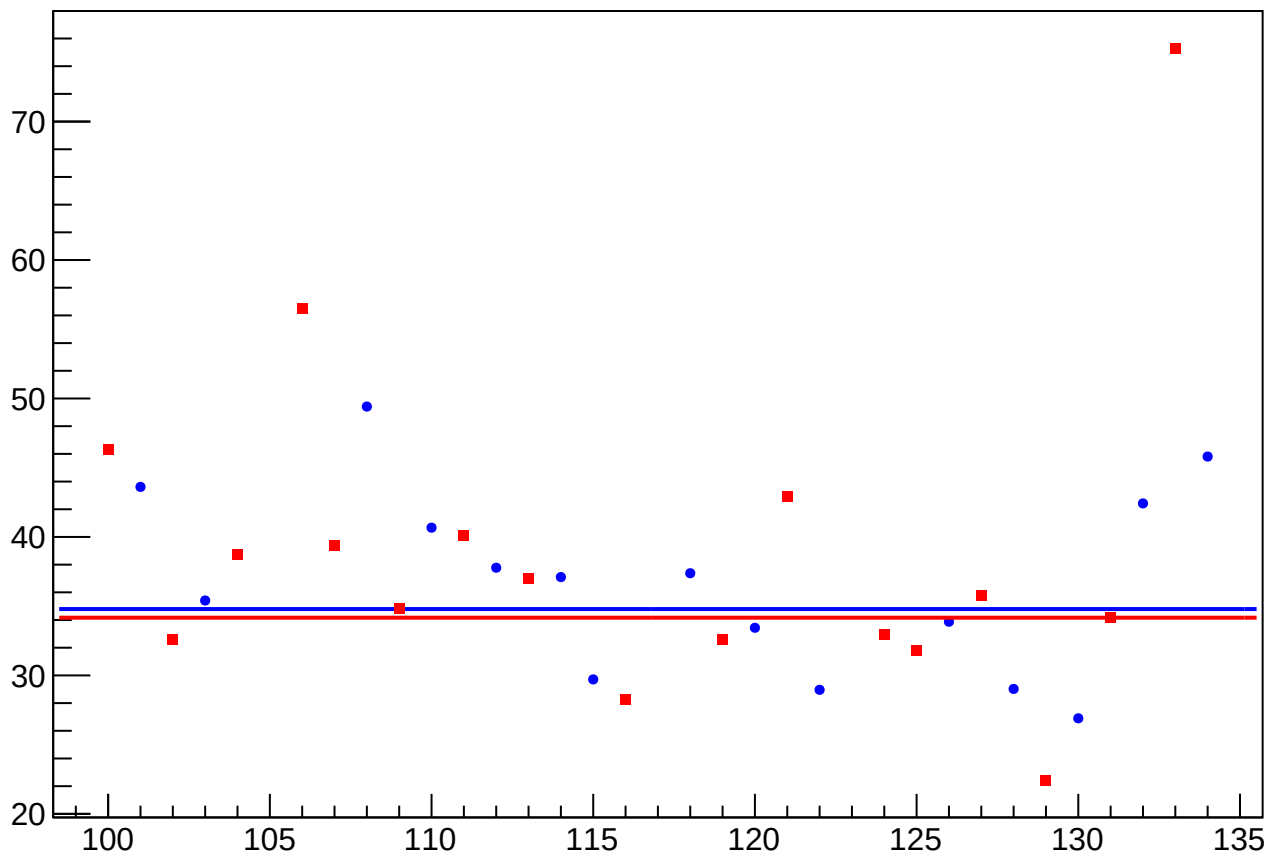
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.010 χ^2 /NDF: 28.6/31

- 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: 34.169 $\pm$ 0.010 χ^2 /NDF: 640965.4/16

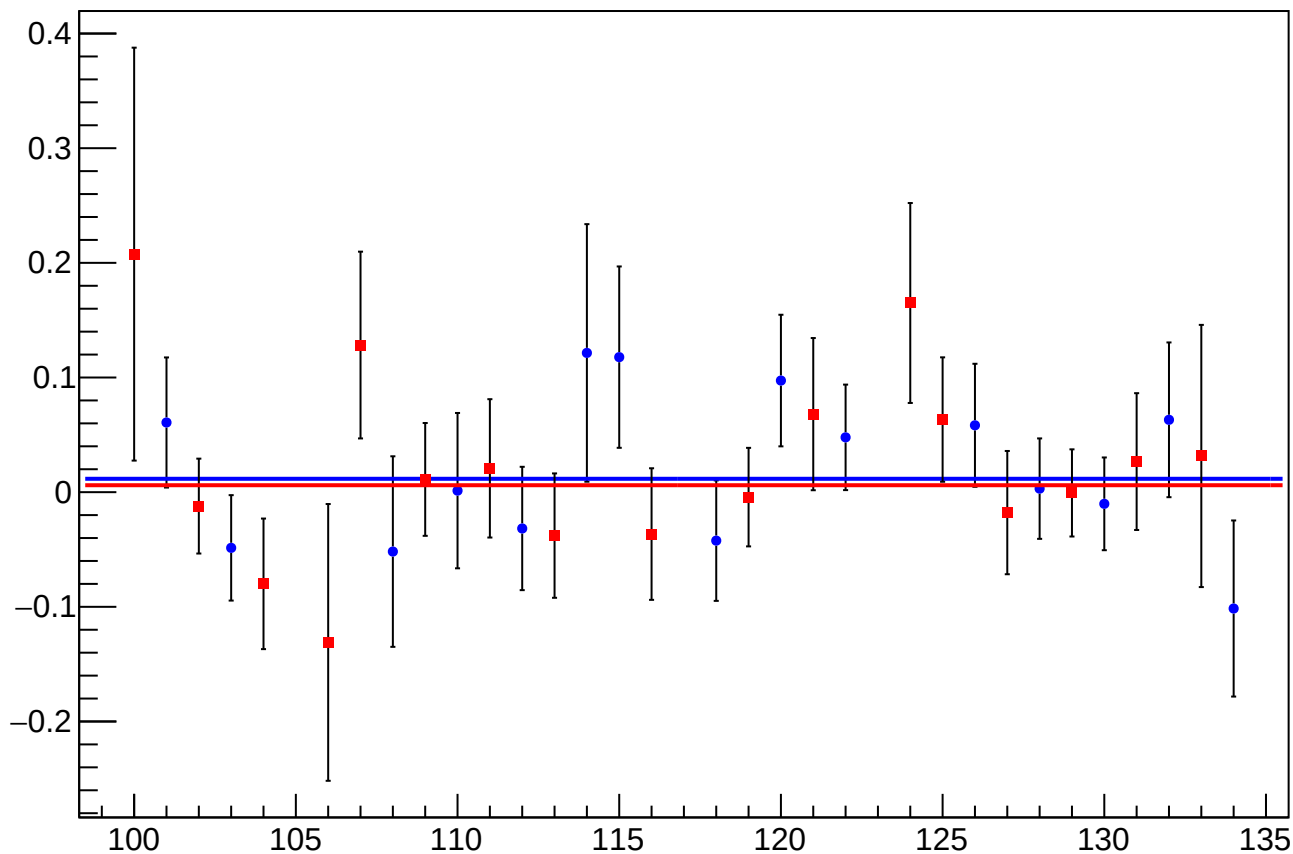
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.469 $\pm$ 0.007 χ^2 /NDF: 1000090.0/31

- 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: 0.006 $\pm$ 0.014 χ^2 /NDF: 14.3/16

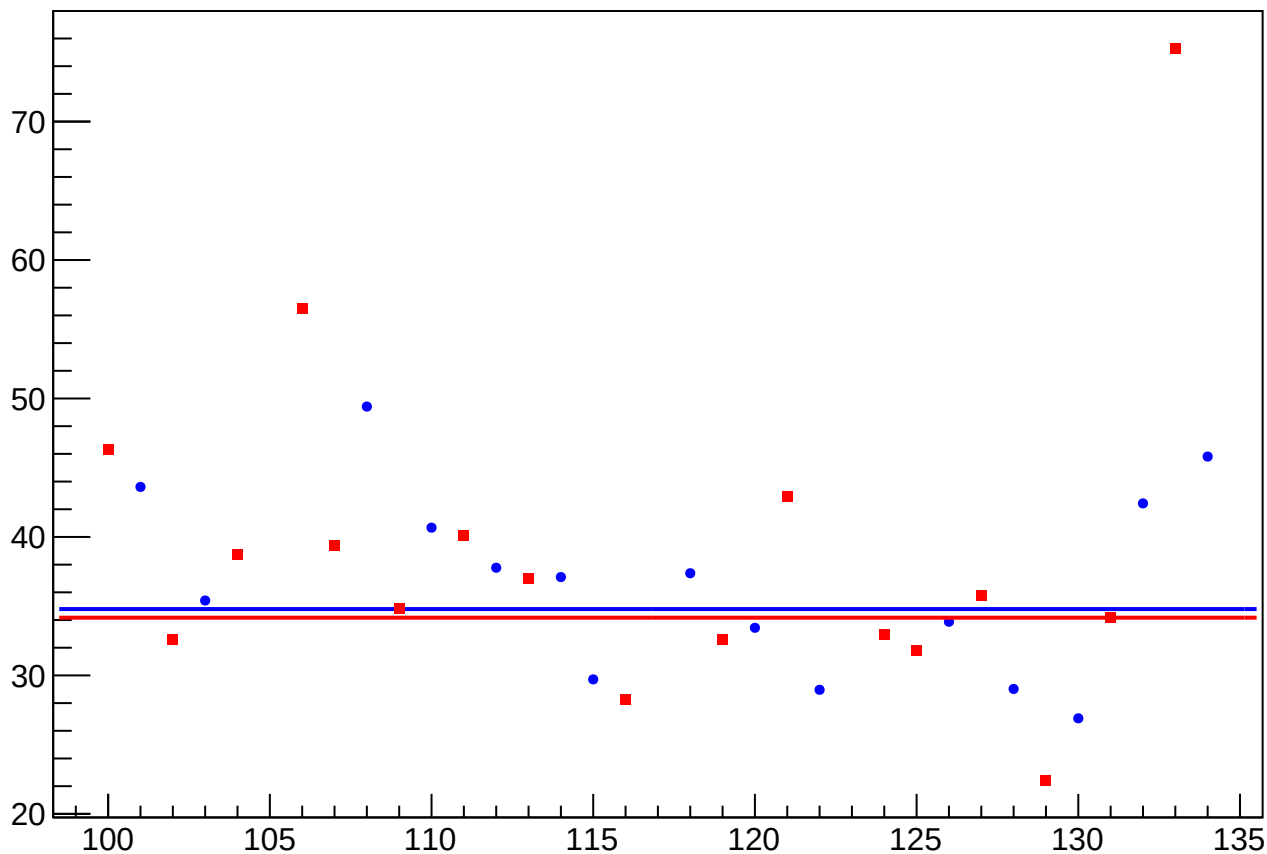
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.010 χ^2 /NDF: 28.6/31

- 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: 34.169 $\pm$ 0.010 χ^2 /NDF: 640965.4/16

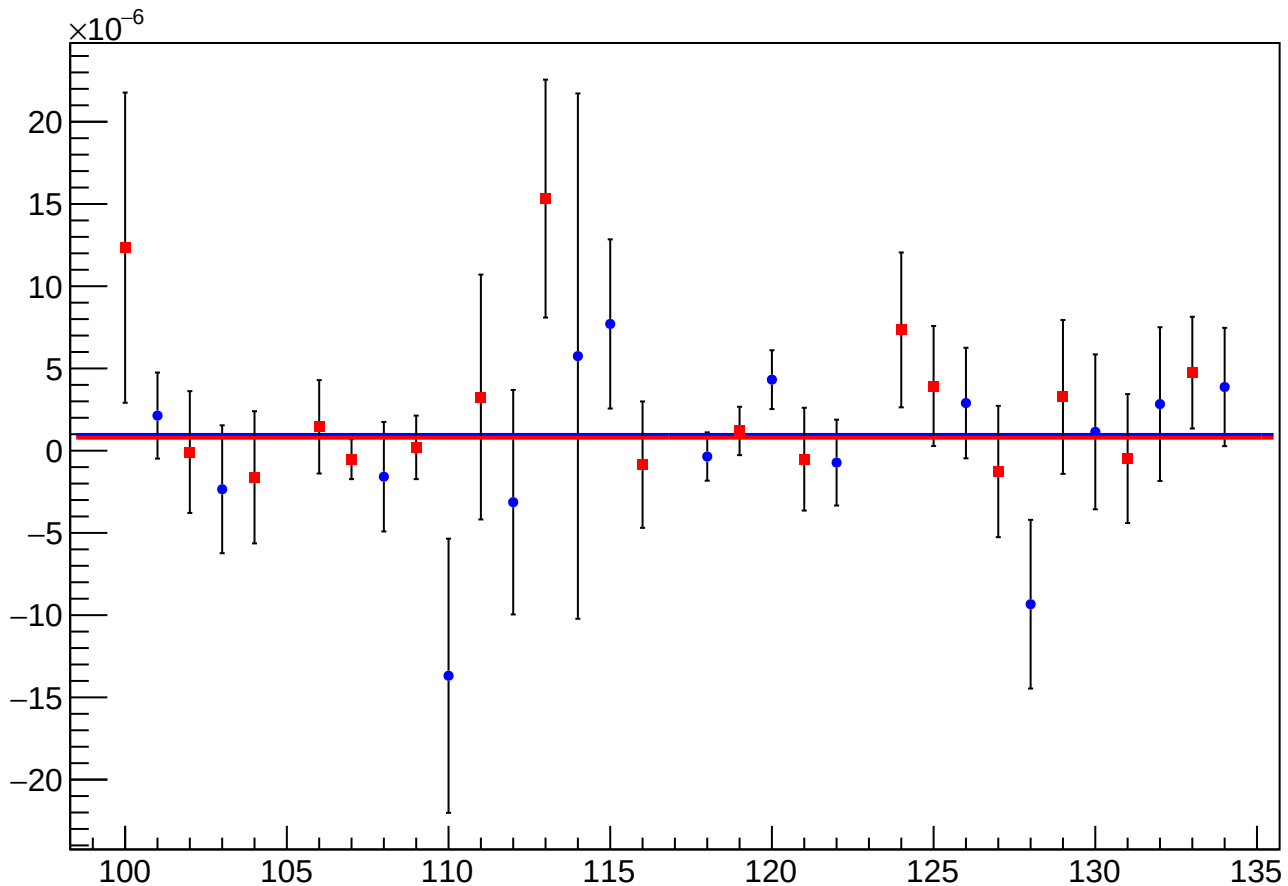
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.469 $\pm$ 0.007 χ^2 /NDF: 1000090.0/31

- 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: 12.5/16

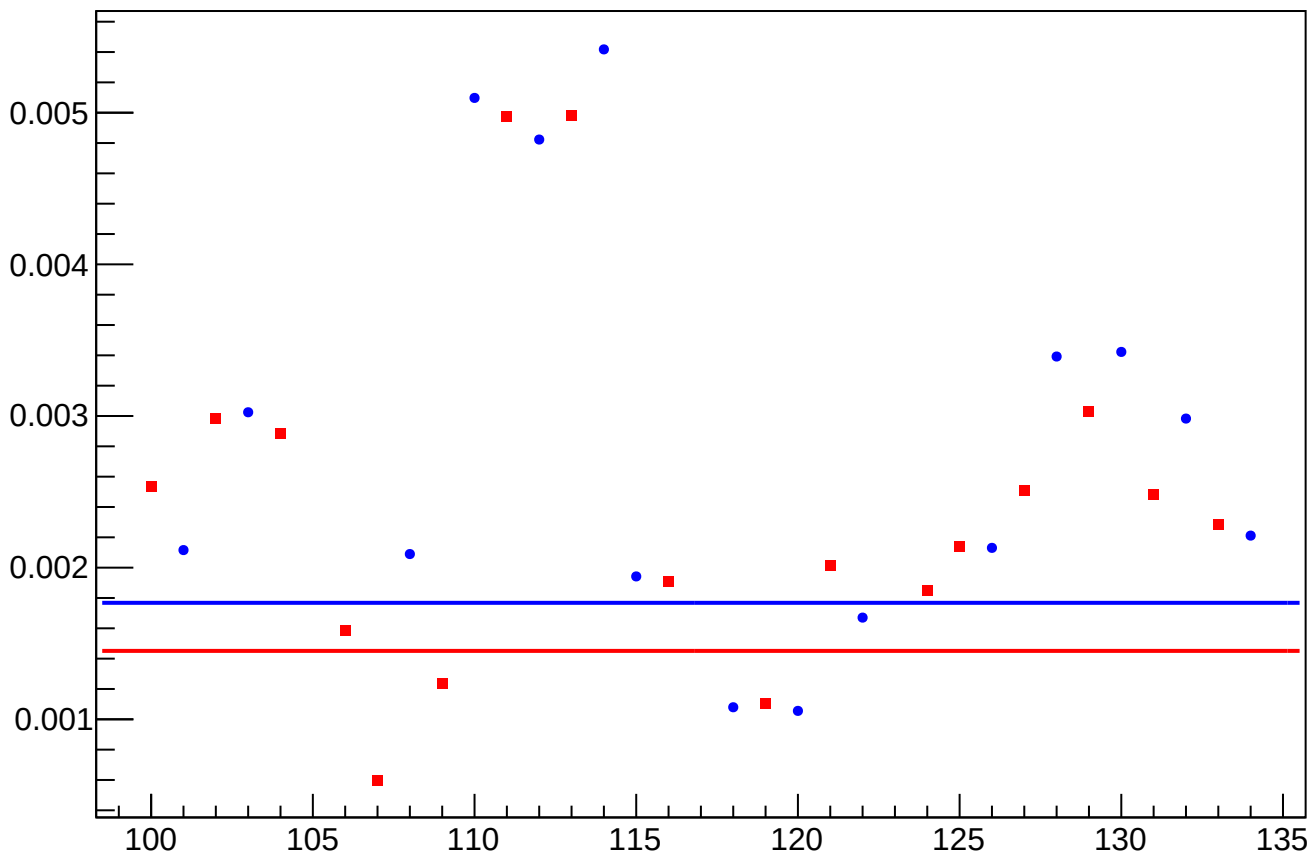
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 29.2/31

- 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 : 3486570.4/16

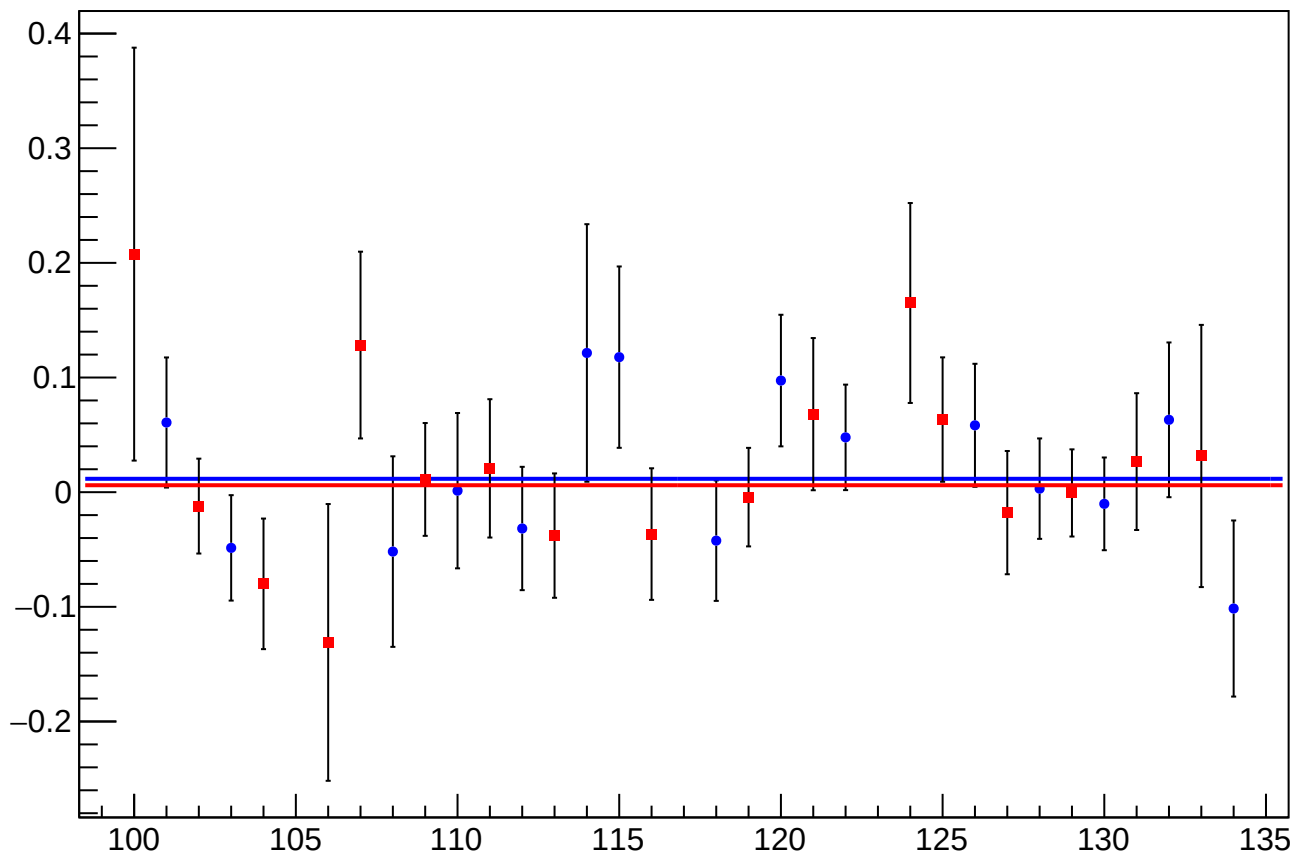
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6159528.4/31

- 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: 0.006 $\pm$ 0.014 χ^2 /NDF: 14.3/16

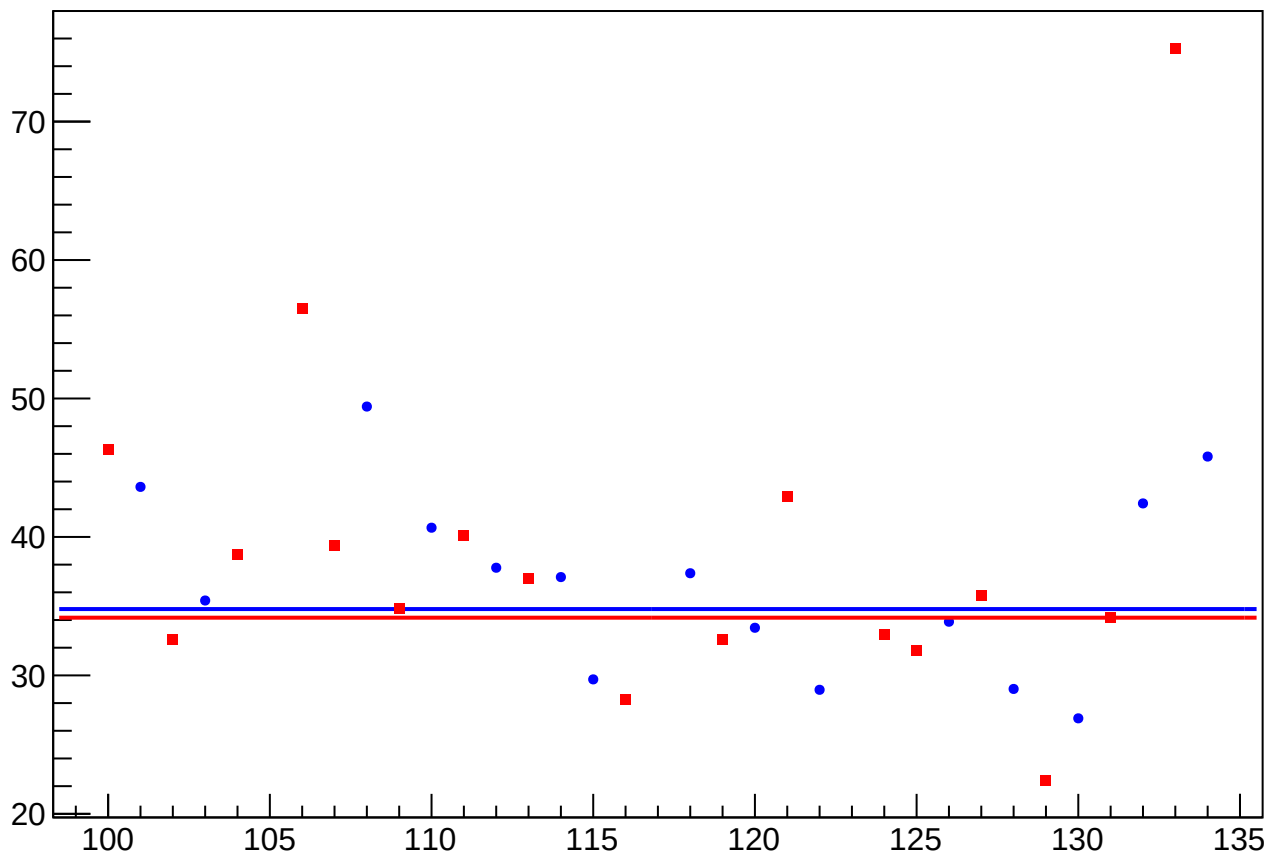
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.010 χ^2 /NDF: 28.6/31

- 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: 34.169 $\pm$ 0.010 χ^2 /NDF: 641011.4/16

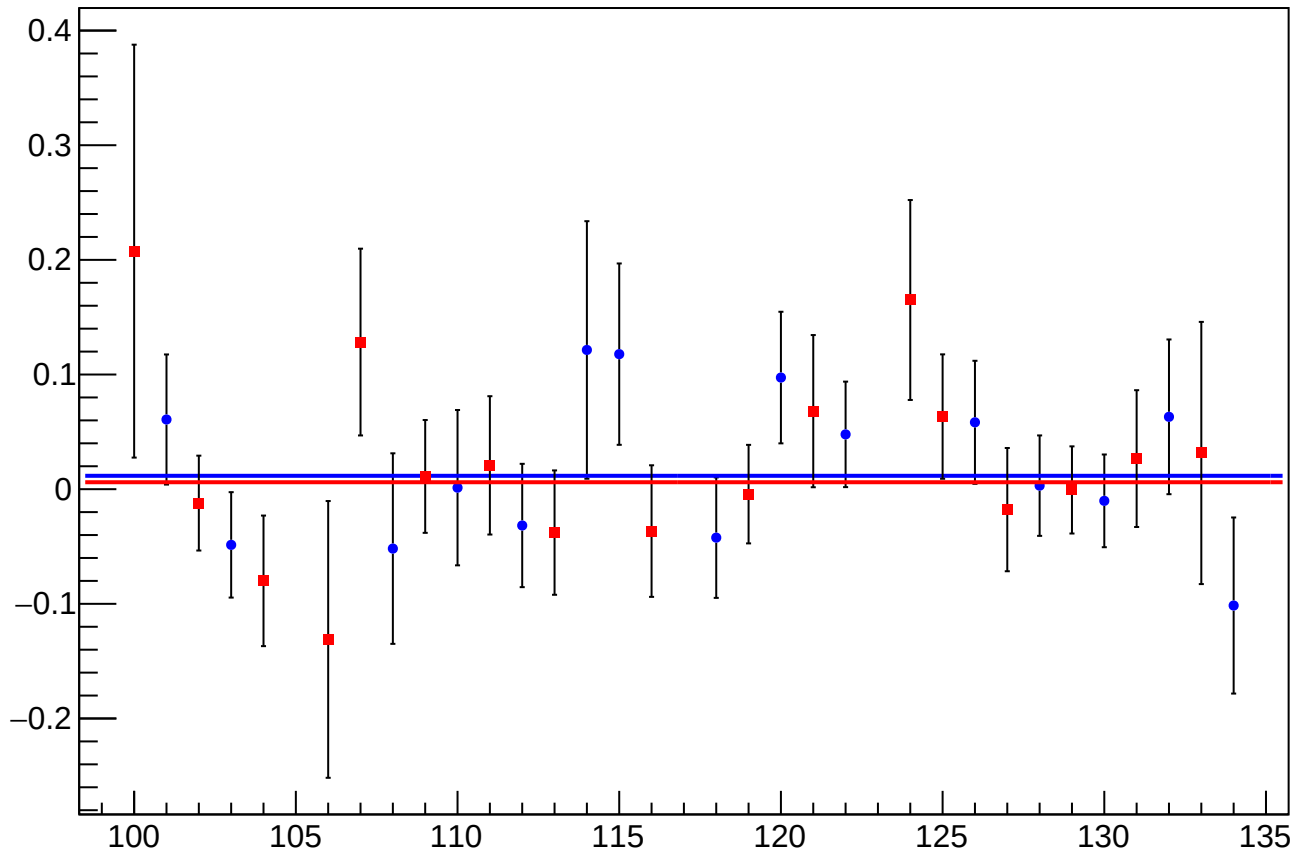
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.468 $\pm$ 0.007 χ^2 /NDF: 1000199.4/31

- 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: 0.006 $\pm$ 0.014 χ^2 /NDF: 14.3/16

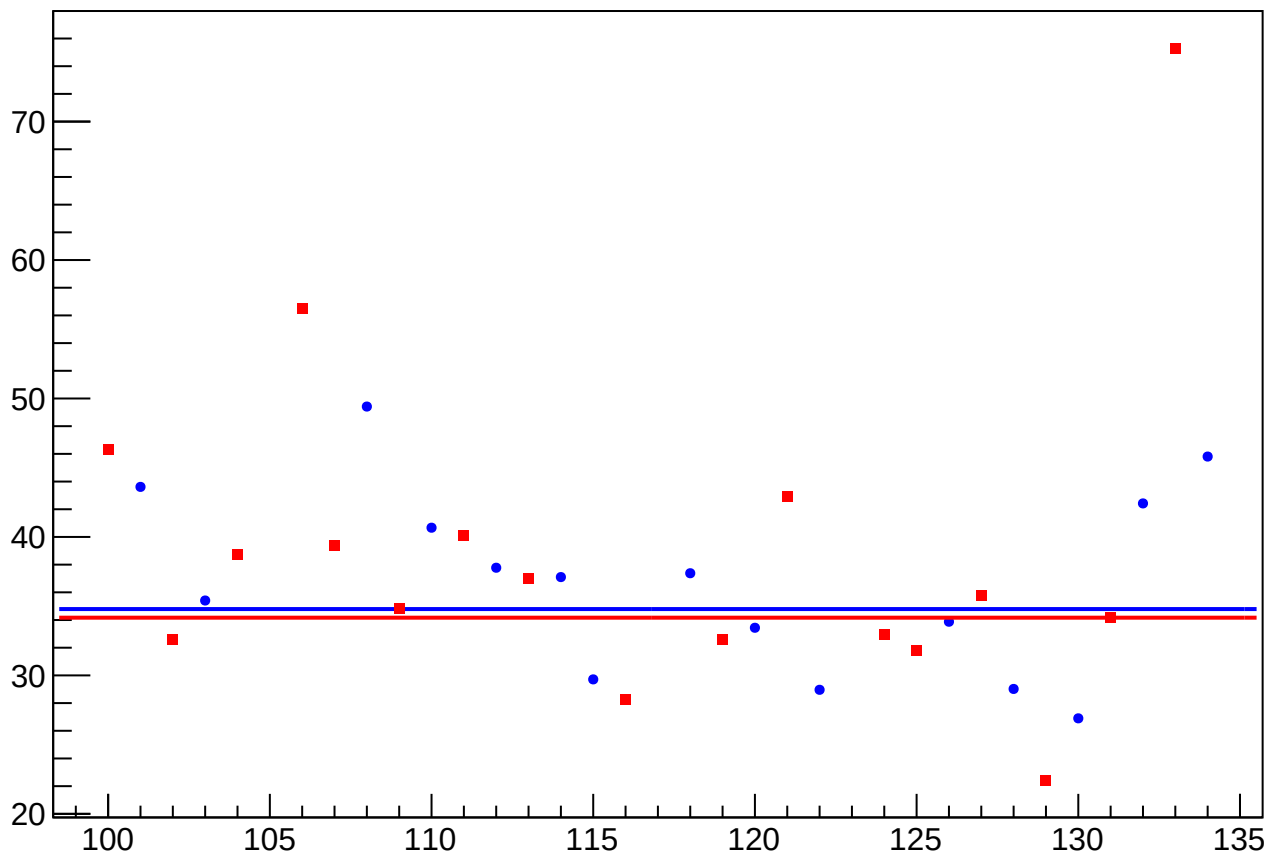
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.010 χ^2 /NDF: 28.6/31

- 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+/-0.010 χ^2/NDF : 357282.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.169+/-0.010 χ^2/NDF : 641011.4/16

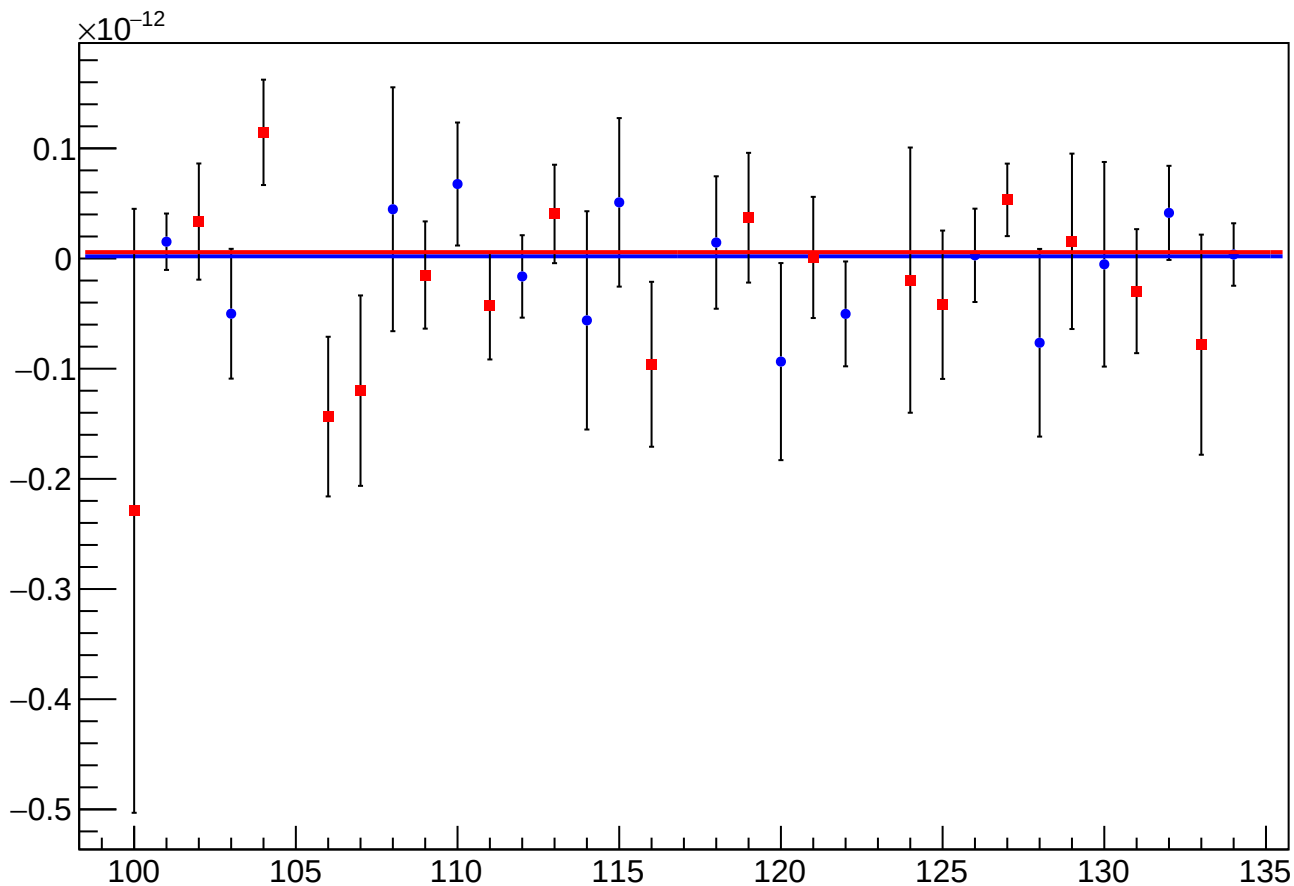
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.468+/-0.007 χ^2/NDF : 1000199.4/31

- sign 0.000+/-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: 20.2/16

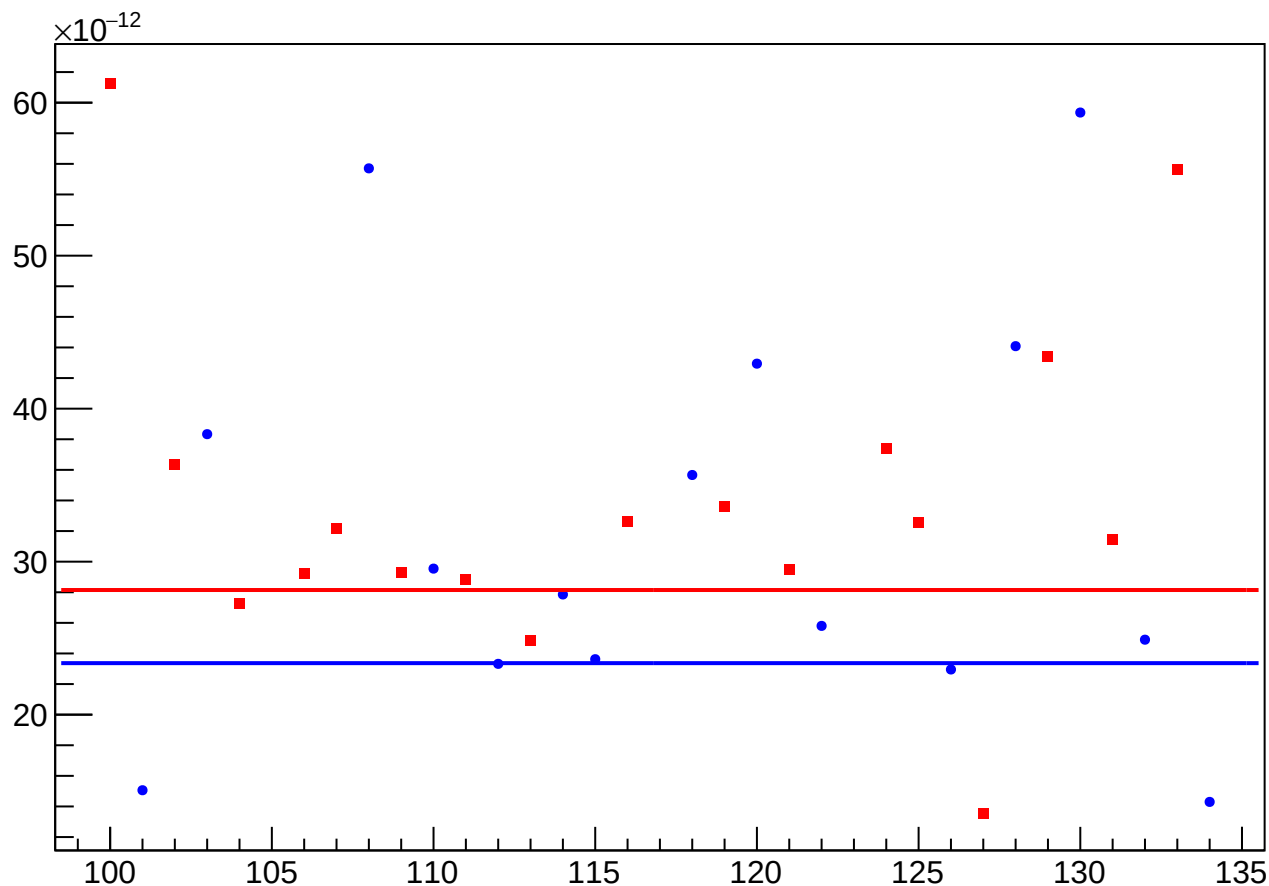
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 27.9/31

- 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 : 767149.5/16

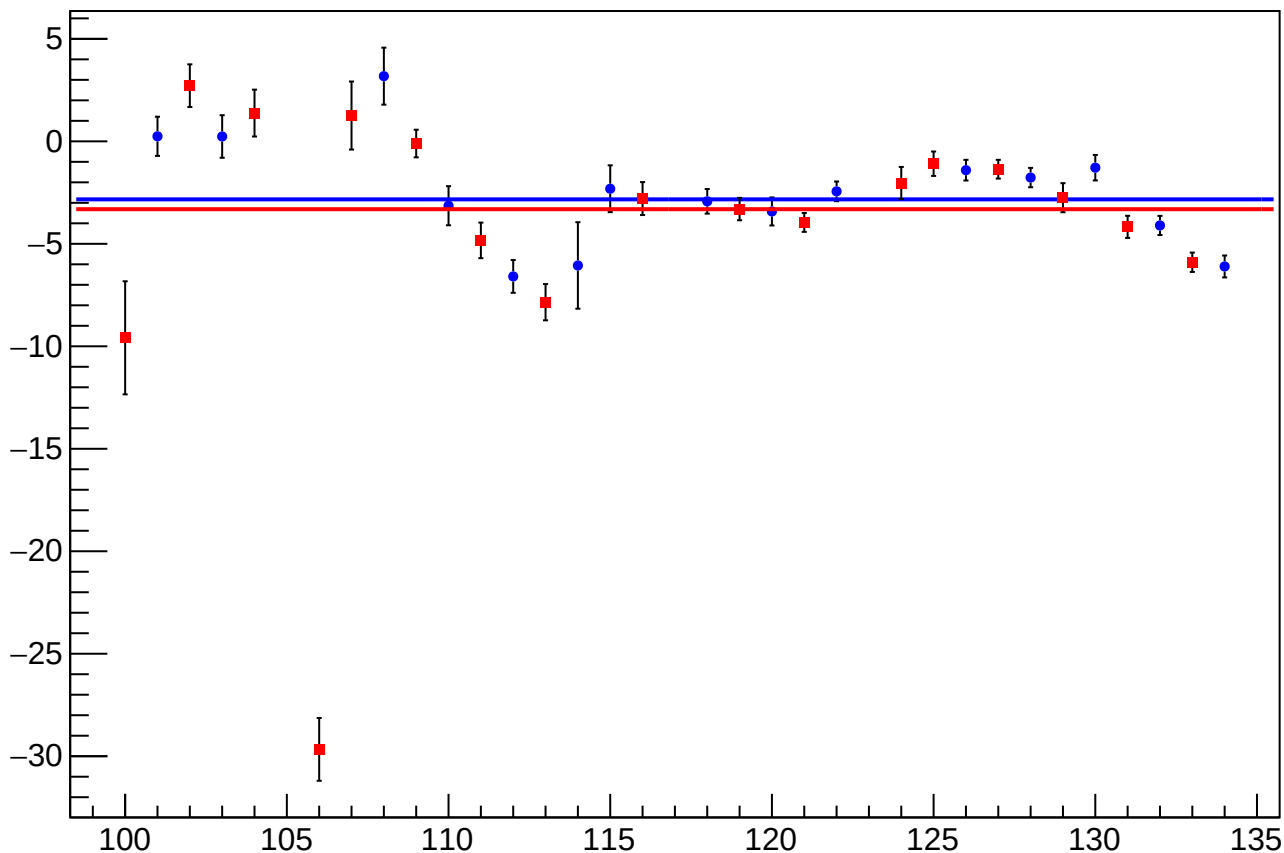
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2248463.0/31

- 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: -3.310+/-0.166 χ^2/NDF : 481.2/16

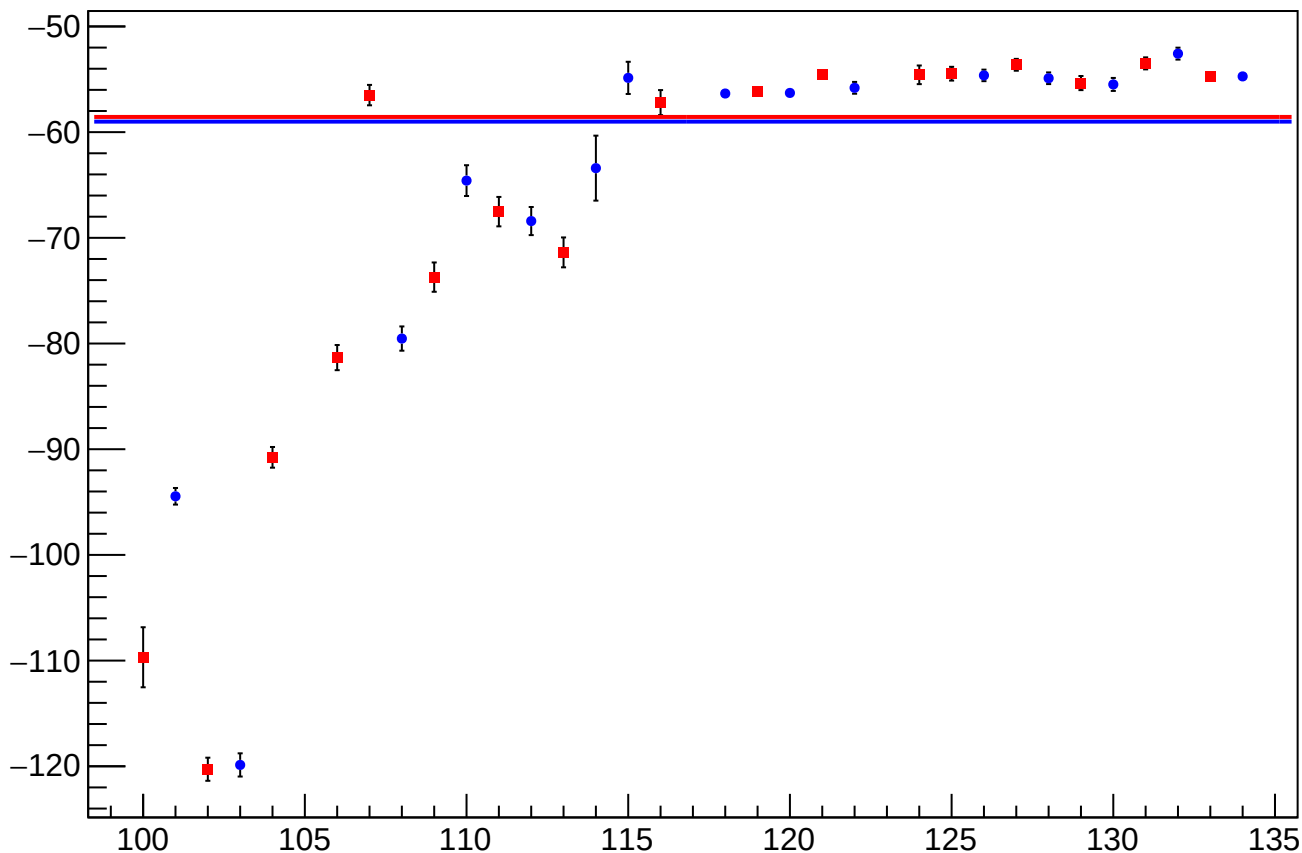
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.076+/-0.119 χ^2/NDF : 613.4/31

- 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: -58.562 ± 0.160 χ^2/NDF : 5689.8/16

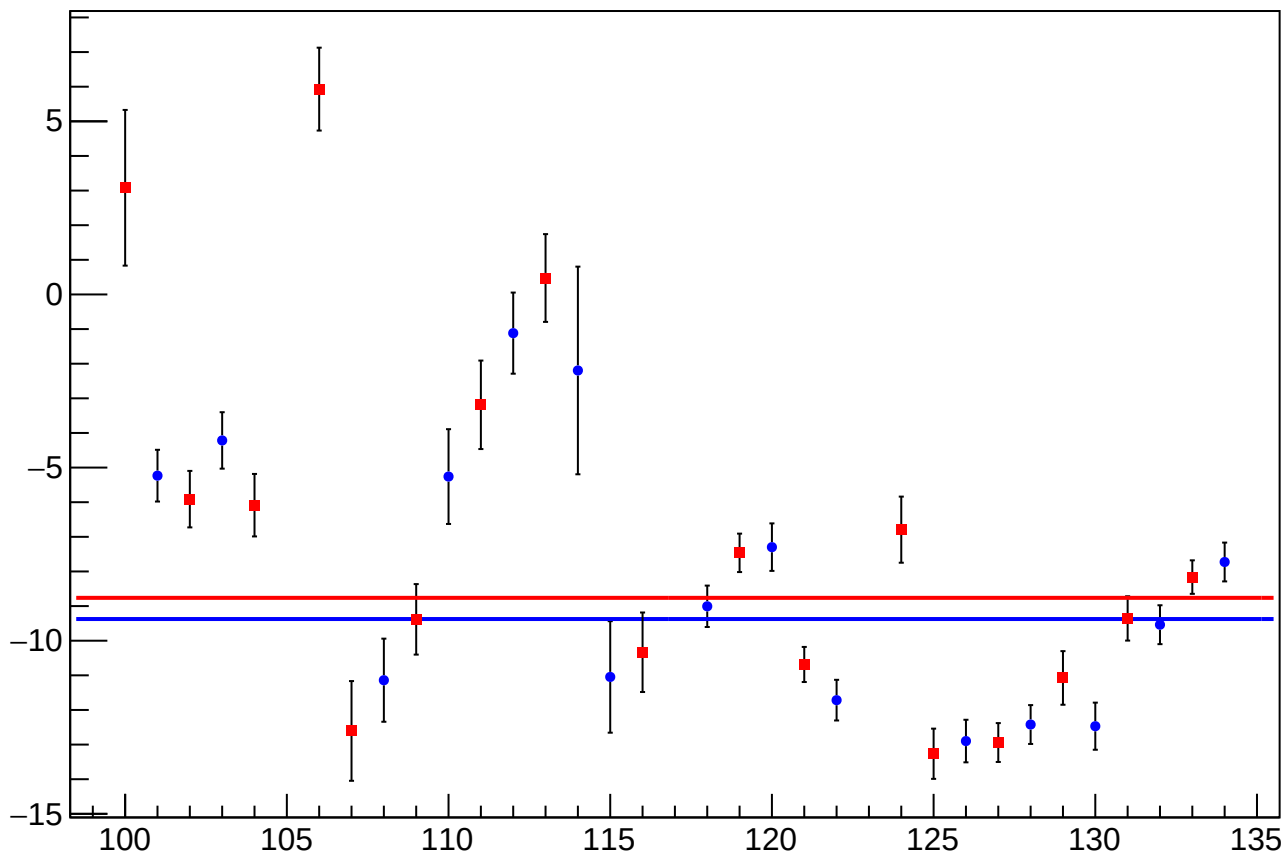
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -58.784 ± 0.113 χ^2/NDF : 11726.2/31

- 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: -8.762 ± 0.186 χ^2/NDF : 410.4/16

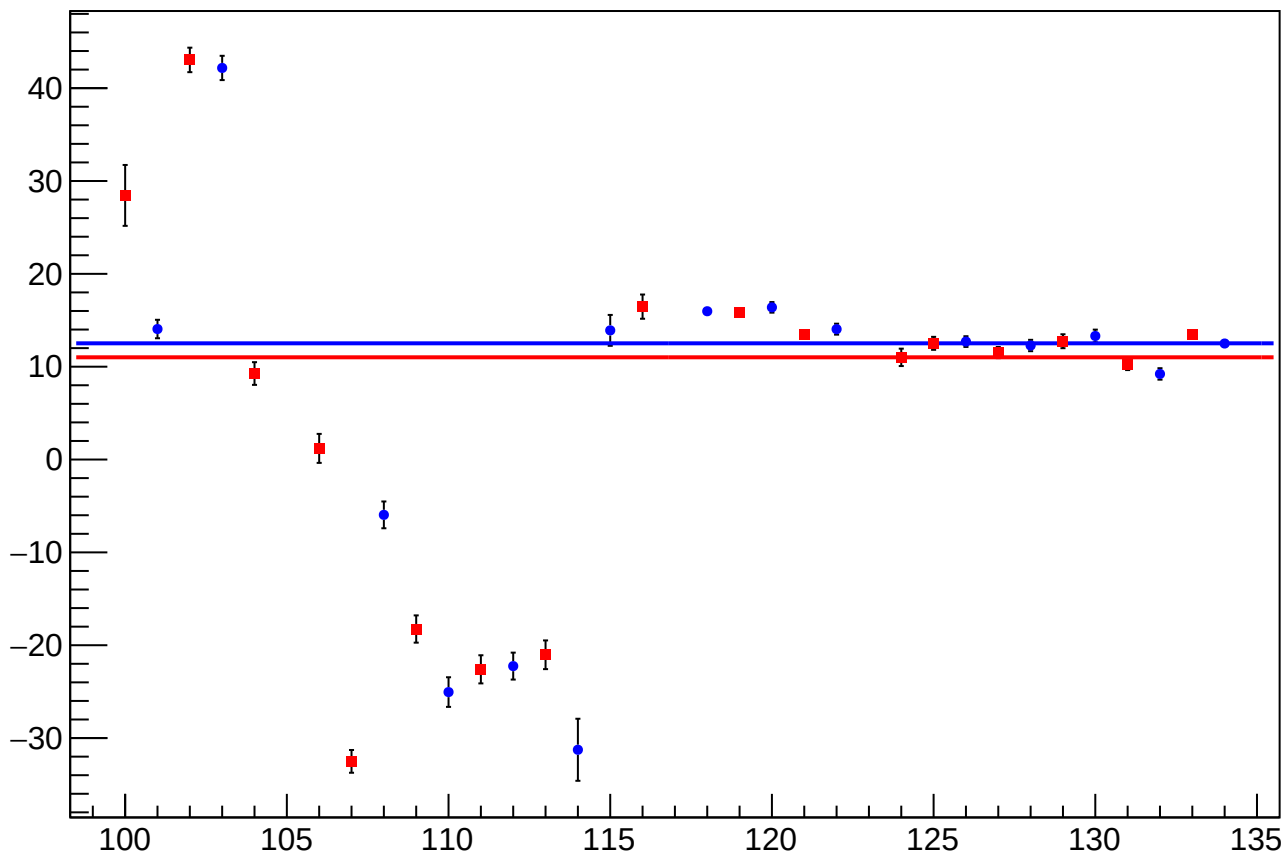
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.063 ± 0.133 χ^2/NDF : 671.3/31

- 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: 11.011+/-0.186 χ^2/NDF : 3439.6/16

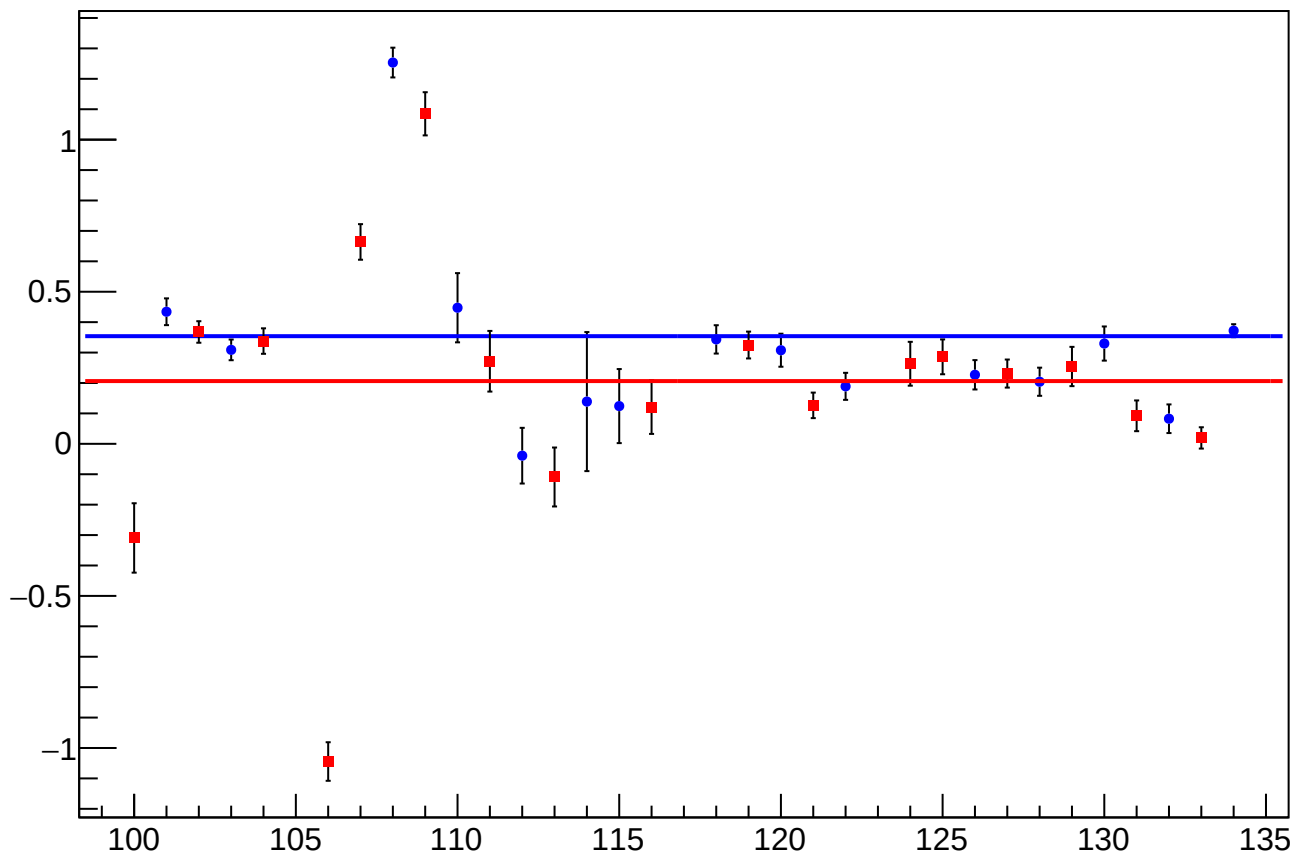
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.773+/-0.131 χ^2/NDF : 5591.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.354 ± 0.012 χ^2/NDF : 432.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.206 ± 0.013 χ^2/NDF : 714.5/16

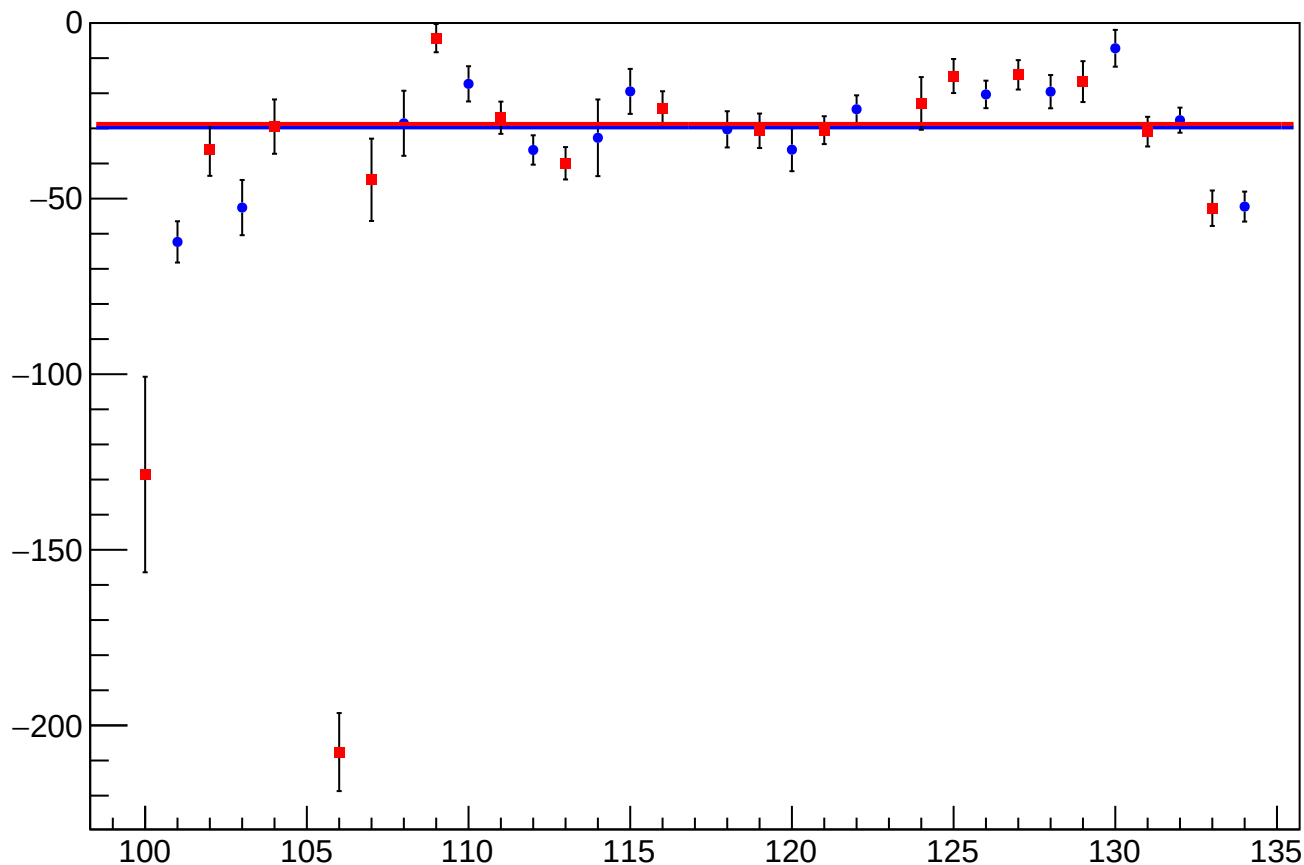
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.287 ± 0.009 χ^2/NDF : 1218.9/31

- sign 0.000 ± 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: -28.733 ± 1.292 χ^2/NDF : 365.9/16

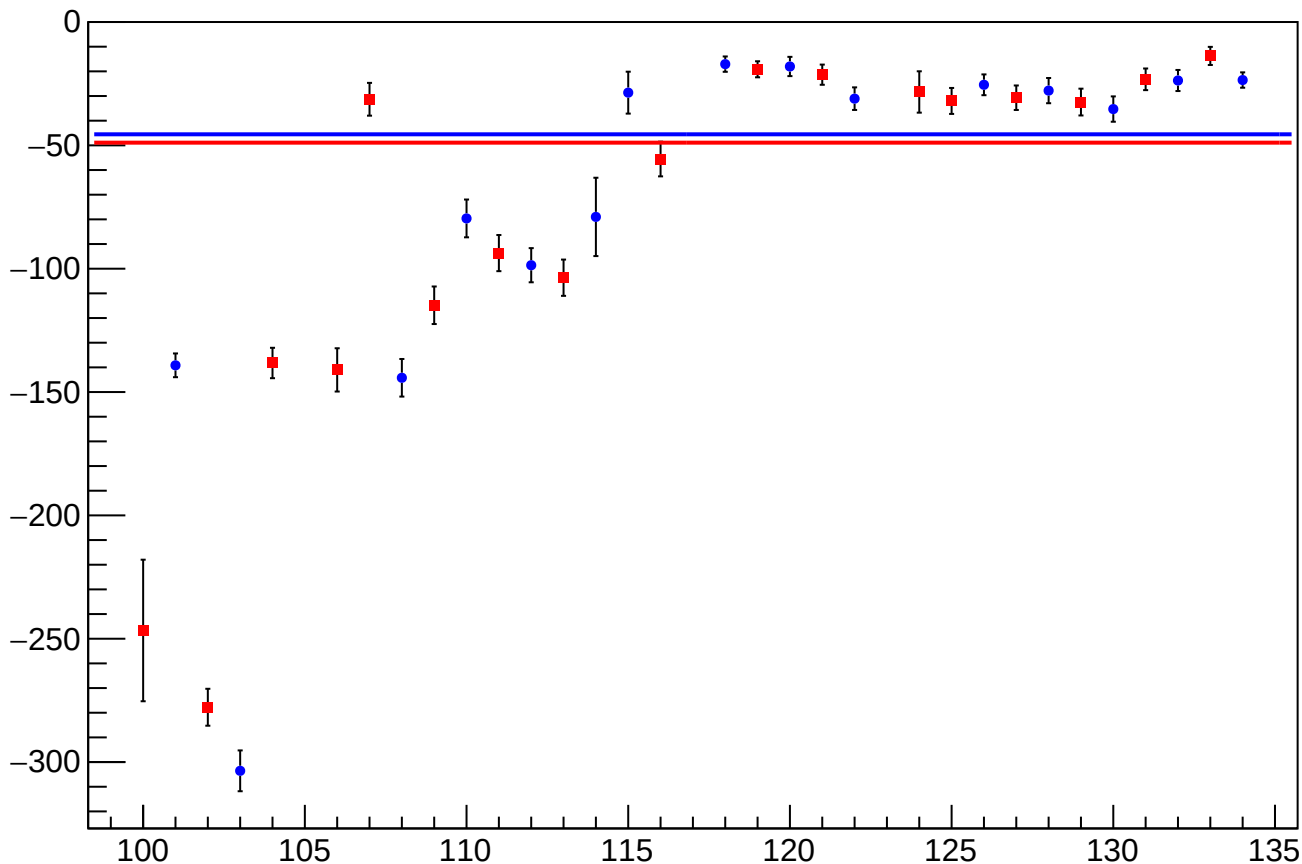
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -29.226 ± 0.915 χ^2/NDF : 476.4/31

- 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: -48.905 ± 1.335 χ^2/NDF : 1772.6/16

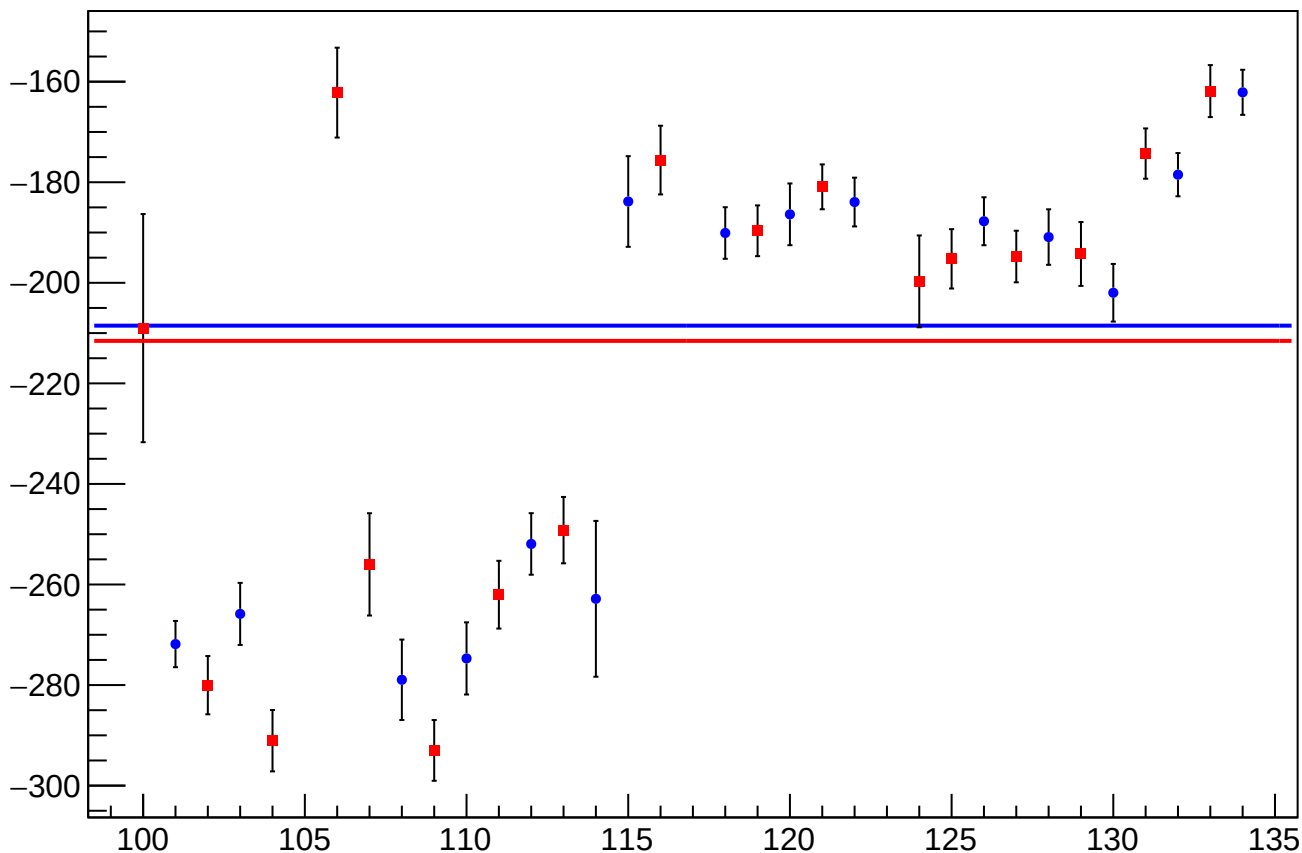
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -47.103 ± 0.913 χ^2/NDF : 3639.3/31

- 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: -211.551 ± 1.499 χ^2/NDF : 898.5/16

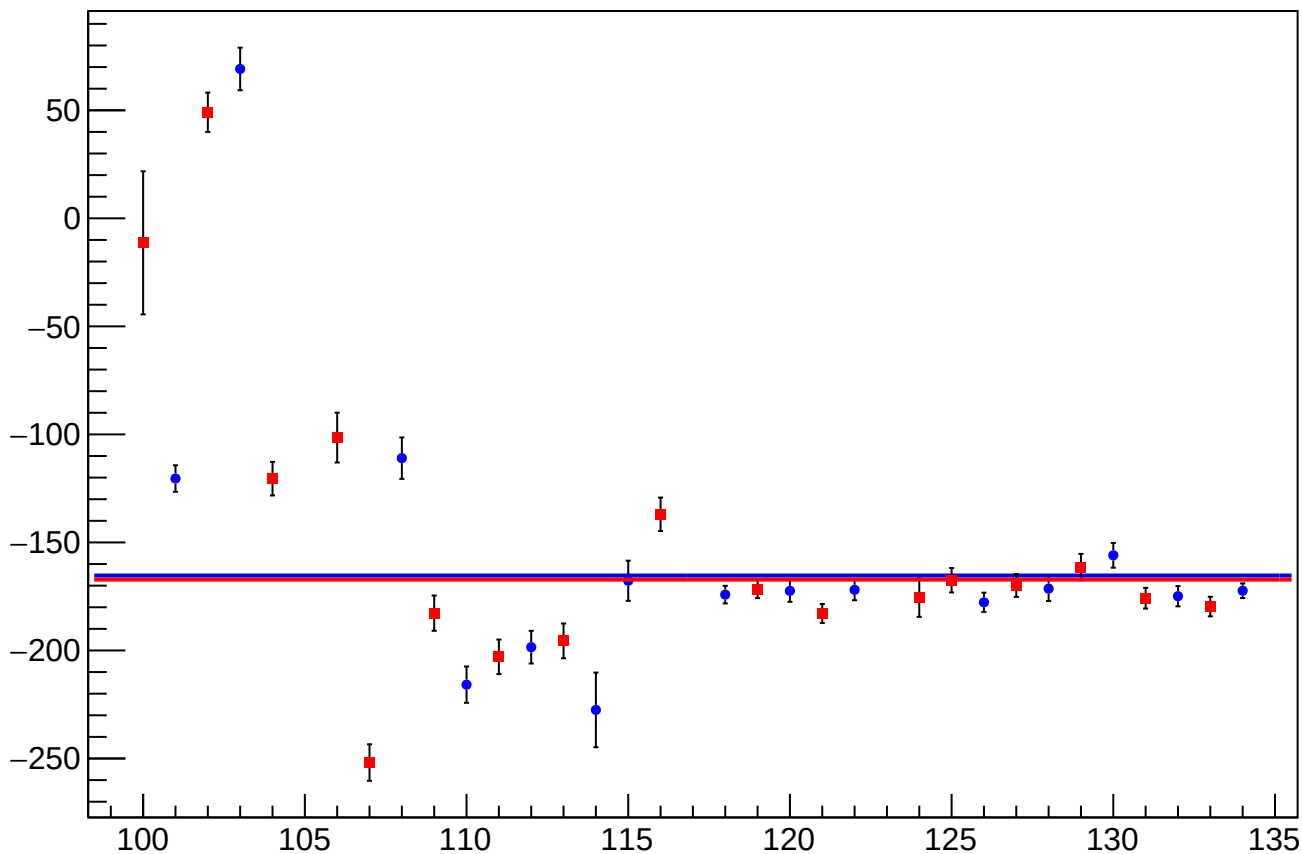
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -209.995 ± 1.046 χ^2/NDF : 1646.9/31

- 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: -167.207 ± 1.542 χ^2/NDF : 831.3/16

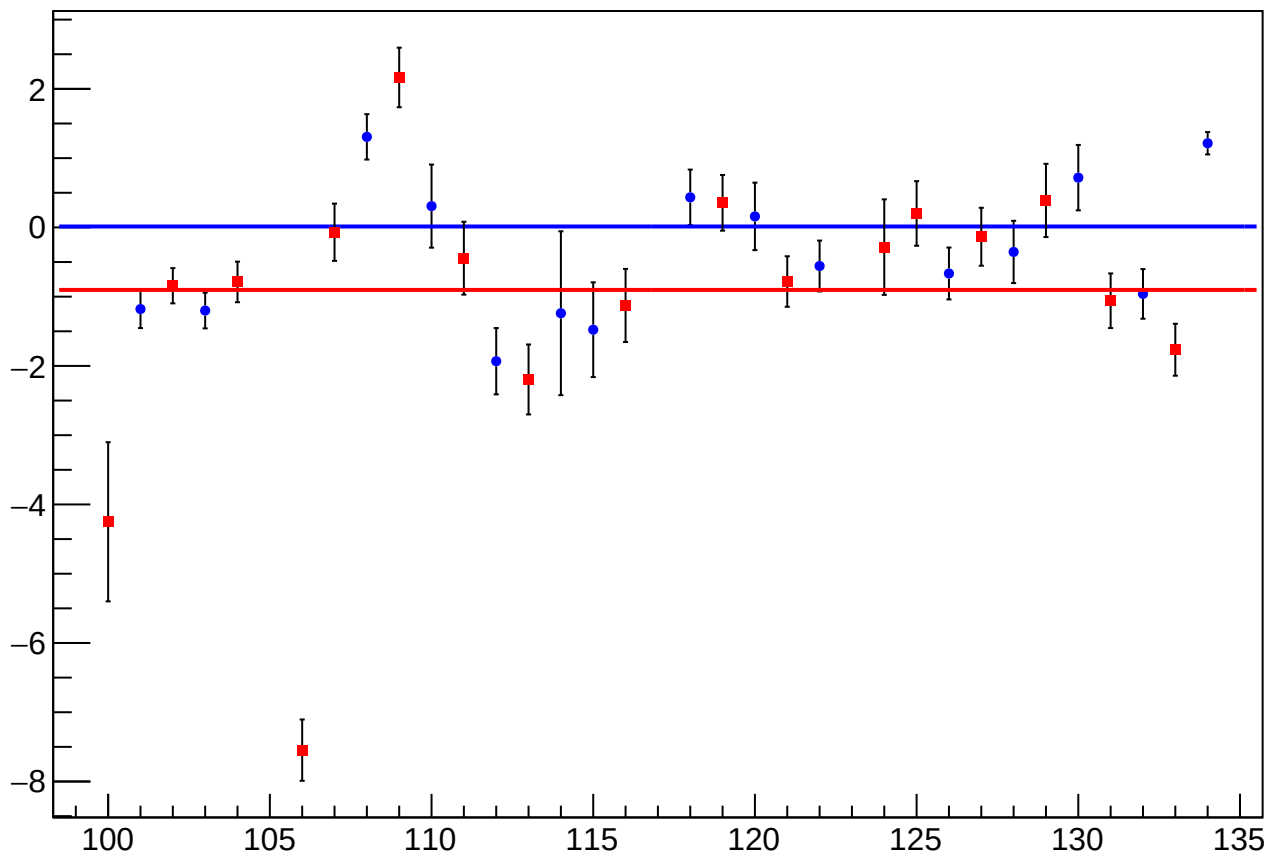
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -166.199 ± 1.054 χ^2/NDF : 1580.3/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.013 $\pm$ 0.088 χ^2 /NDF: 151.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.903 $\pm$ 0.101 χ^2 /NDF: 327.5/16

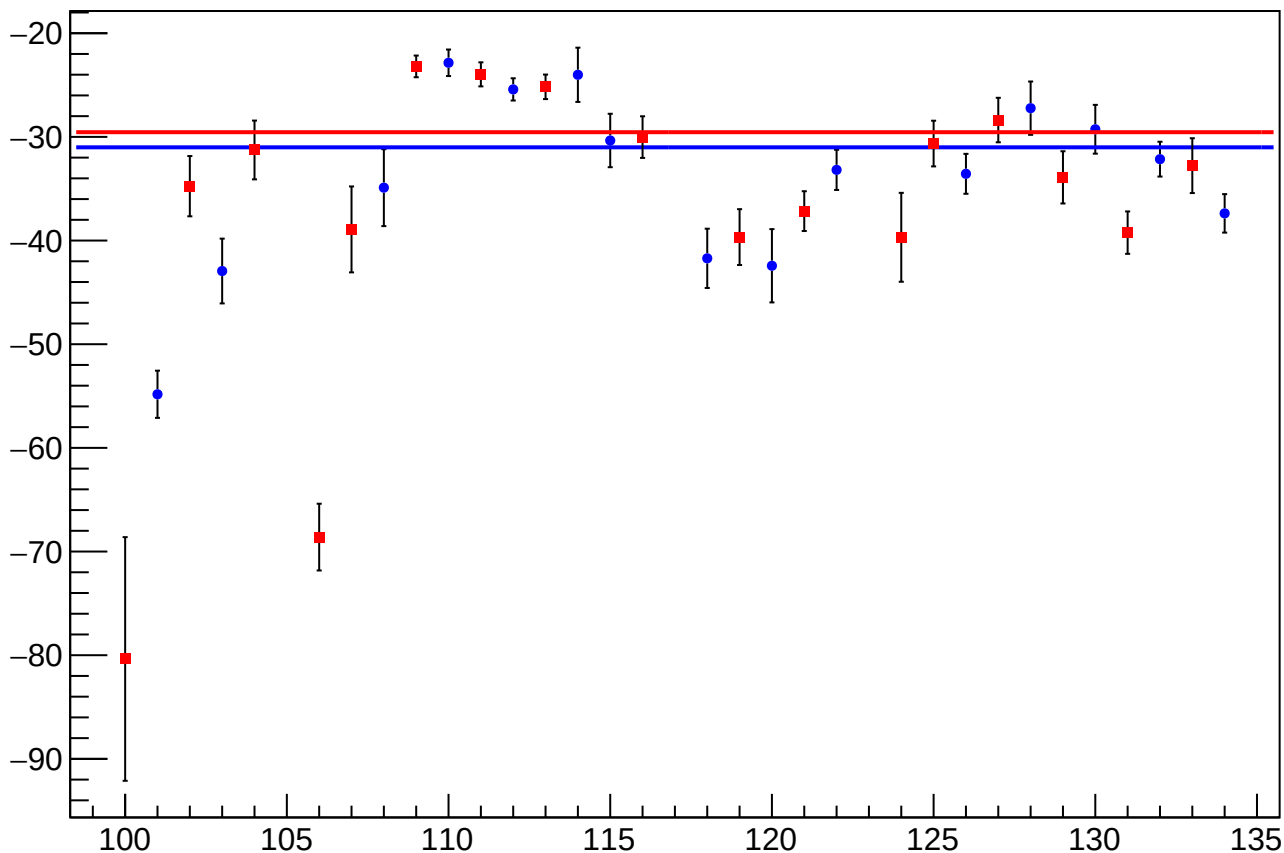
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.385 $\pm$ 0.066 χ^2 /NDF: 525.6/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam3_diff_bpm1X_slope vs Slug



Right In: -31.006 ± 0.509 χ^2/NDF : 242.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -29.547 ± 0.474 χ^2/NDF : 311.3/16

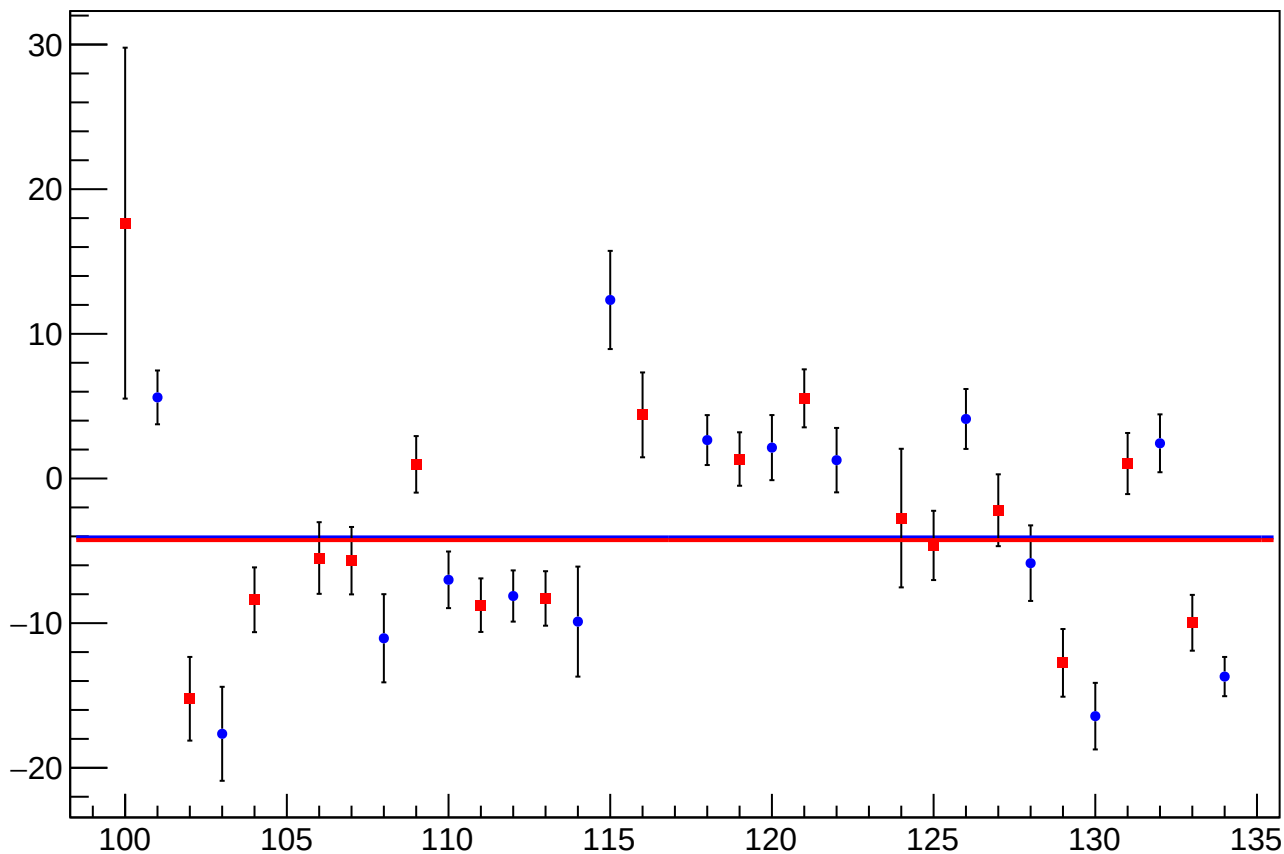
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -30.225 ± 0.347 χ^2/NDF : 558.2/31

- sign 0.000 ± 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: -4.259+/-0.557 χ^2/NDF : 110.2/16

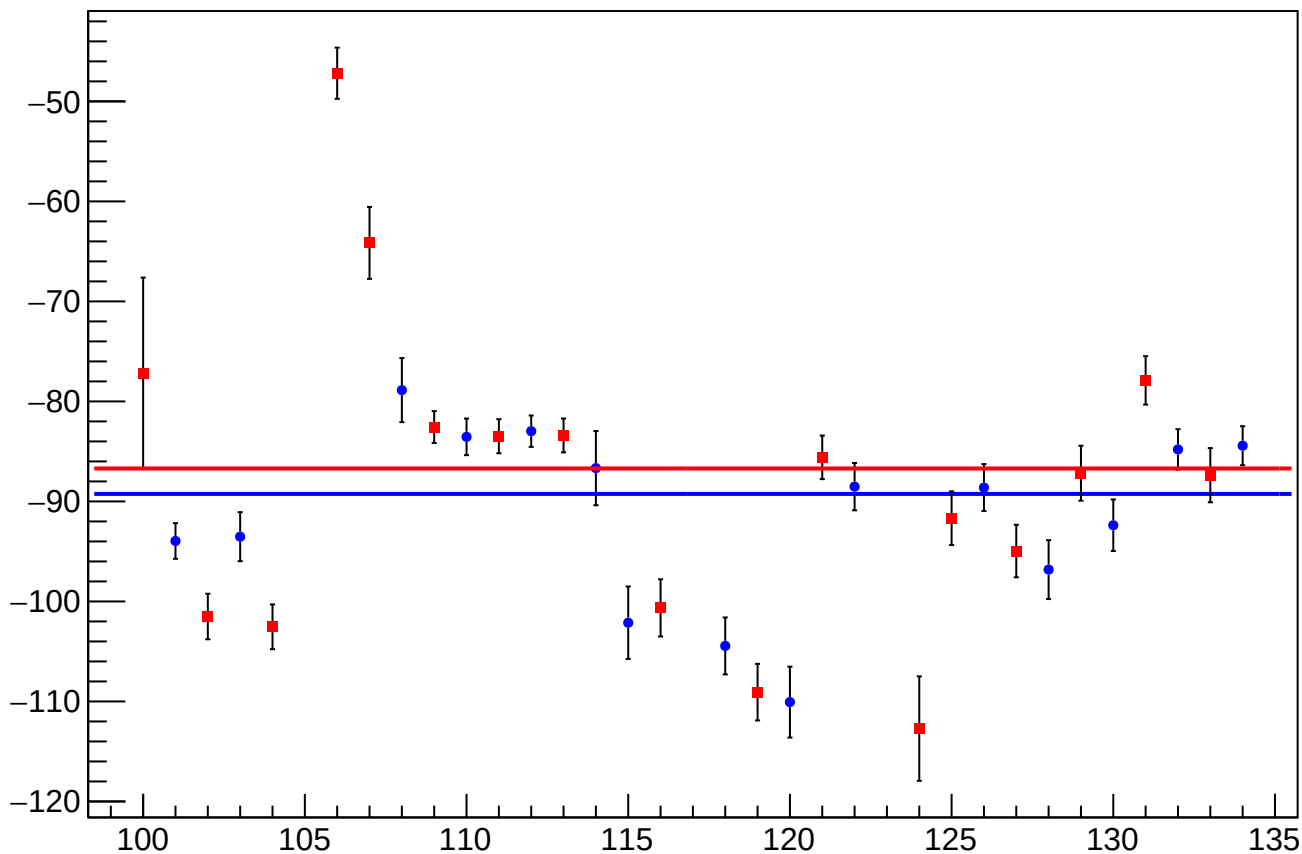
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.165+/-0.391 χ^2/NDF : 327.6/31

- 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: -86.704 $\pm$ 0.583 χ^2 /NDF: 523.5/16

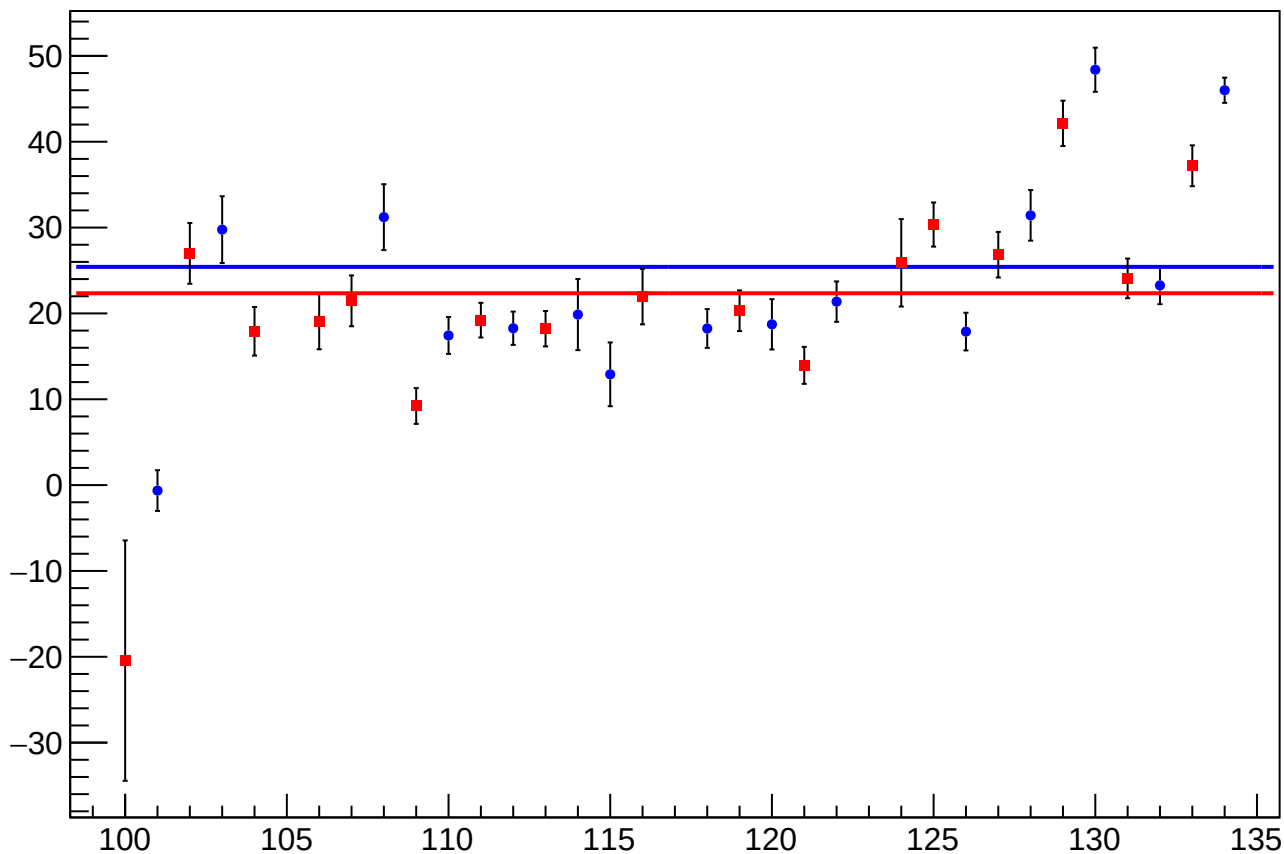
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -87.938 $\pm$ 0.419 χ^2 /NDF: 674.3/31

- 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: 22.348 $\pm$ 0.638 χ^2 /NDF: 185.4/16

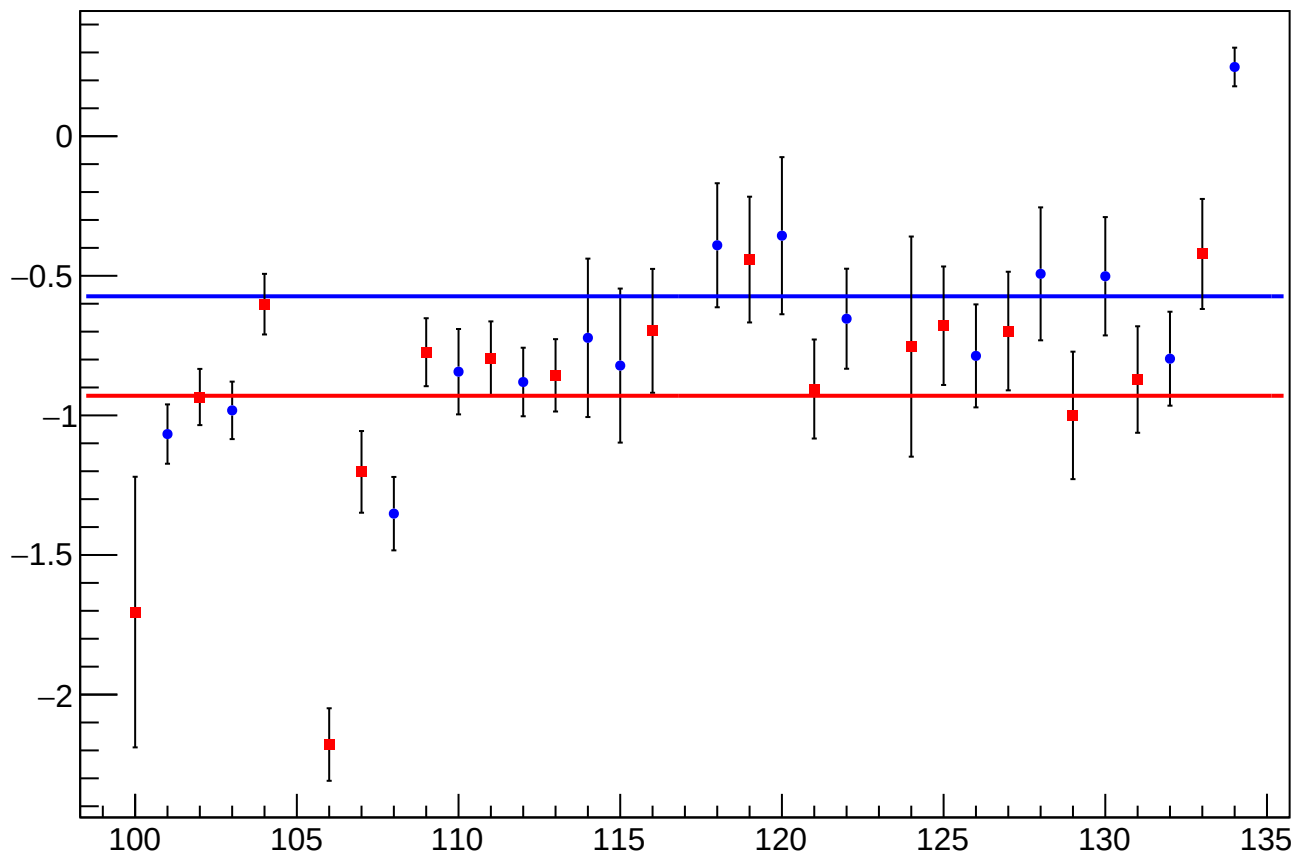
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.918 $\pm$ 0.446 χ^2 /NDF: 674.1/31

- 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: -0.930 ± 0.039 χ^2/NDF : 126.0/16

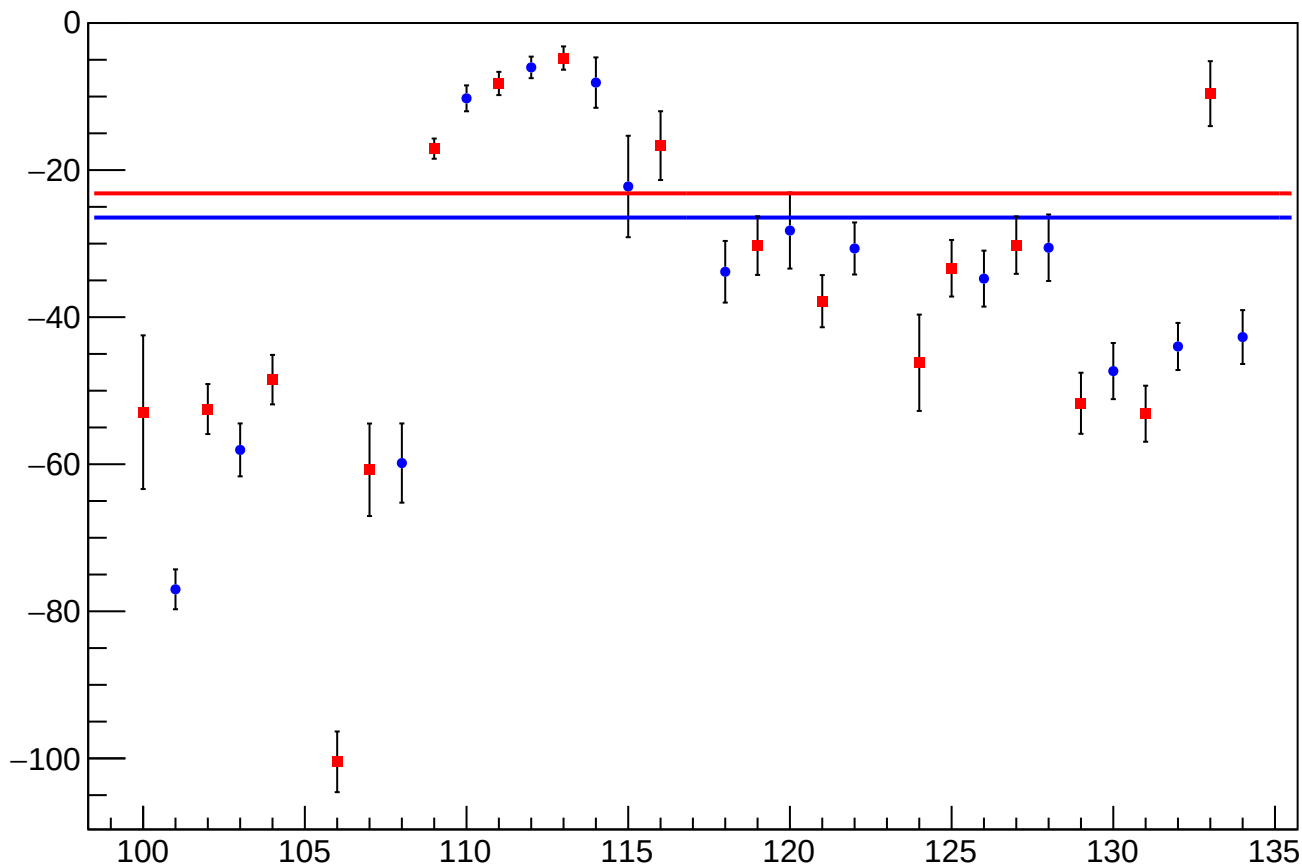
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.741 ± 0.026 χ^2/NDF : 399.7/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm1X_slope vs Slug



Right In: -26.455 $\pm$ 0.773 χ^2 /NDF: 860.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -23.168 $\pm$ 0.687 χ^2 /NDF: 933.5/16

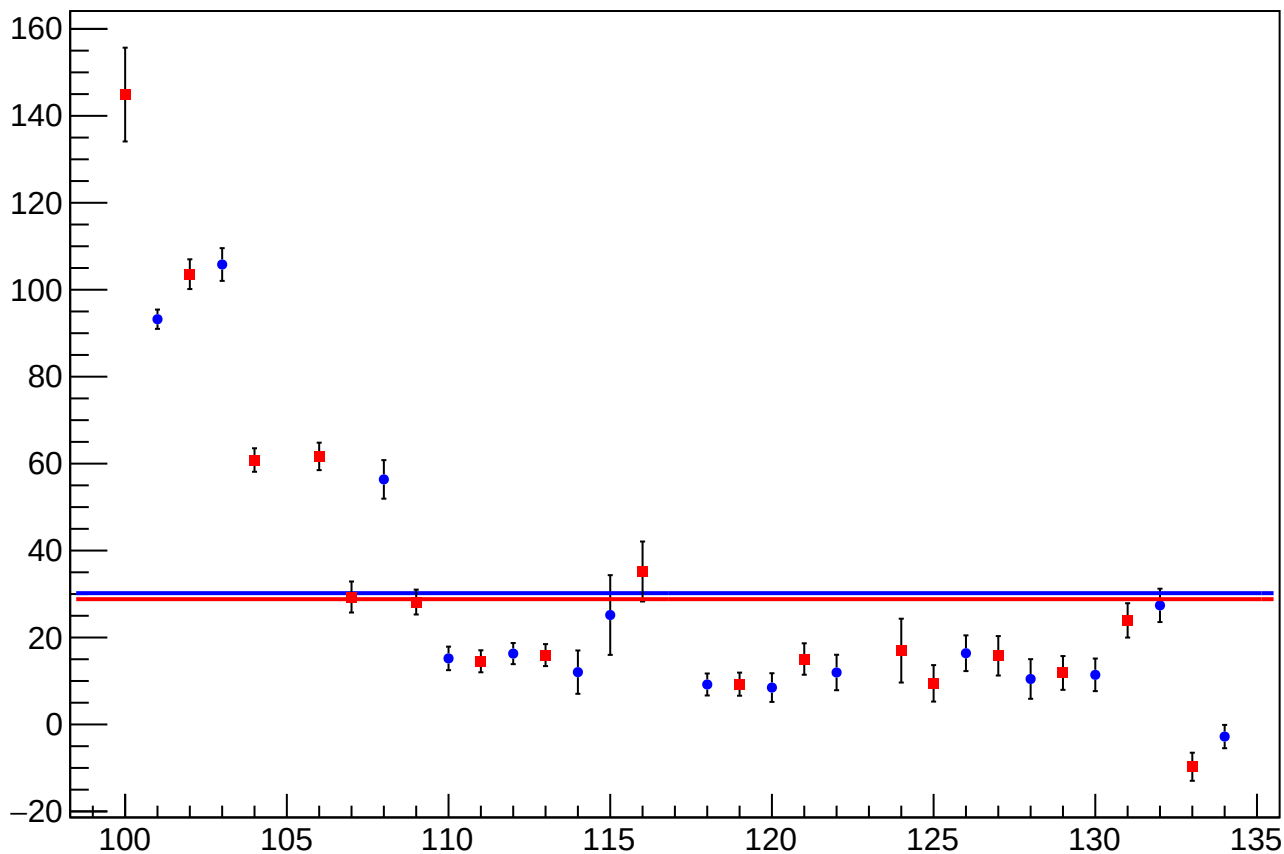
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -24.618 $\pm$ 0.513 χ^2 /NDF: 1804.4/31

- sign 0.000 $\pm$ 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: 28.819 $\pm$ 0.835 χ^2 /NDF: 1164.4/16

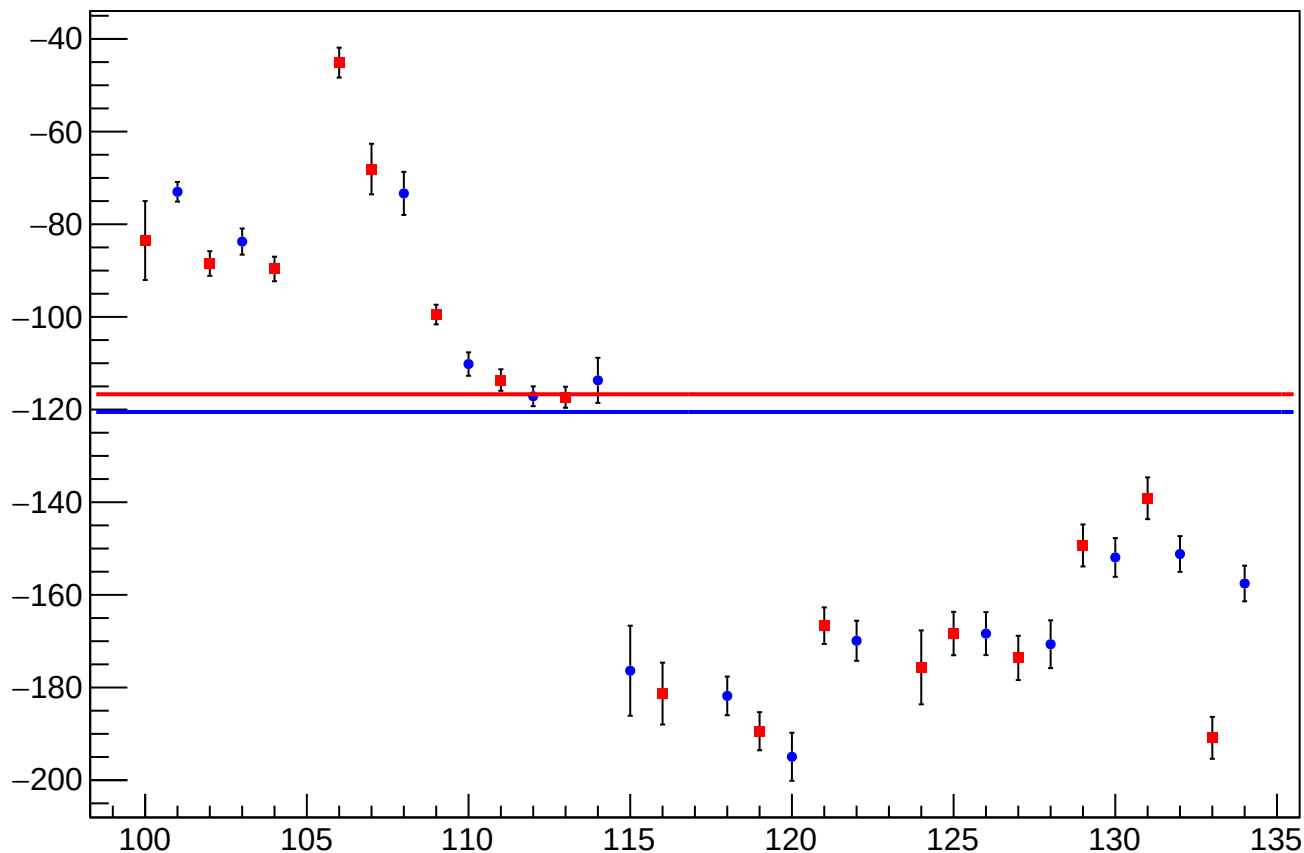
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 29.496 $\pm$ 0.596 χ^2 /NDF: 2826.5/31

- 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: -116.692 ± 0.838 χ^2/NDF : 2098.6/16

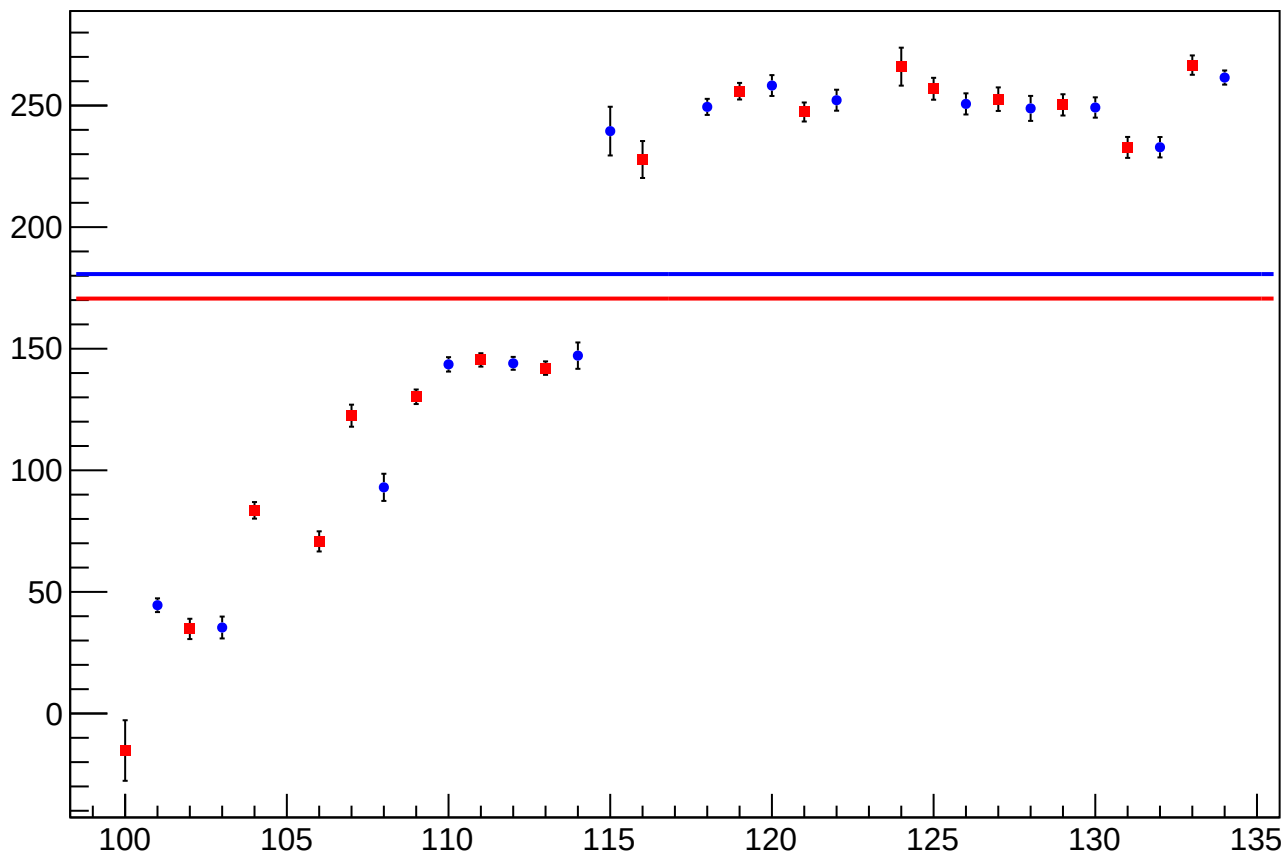
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -118.477 ± 0.612 χ^2/NDF : 3901.6/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 180.693+/-0.986 χ^2/NDF : 6692.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.623+/-0.963 χ^2/NDF : 5991.7/16

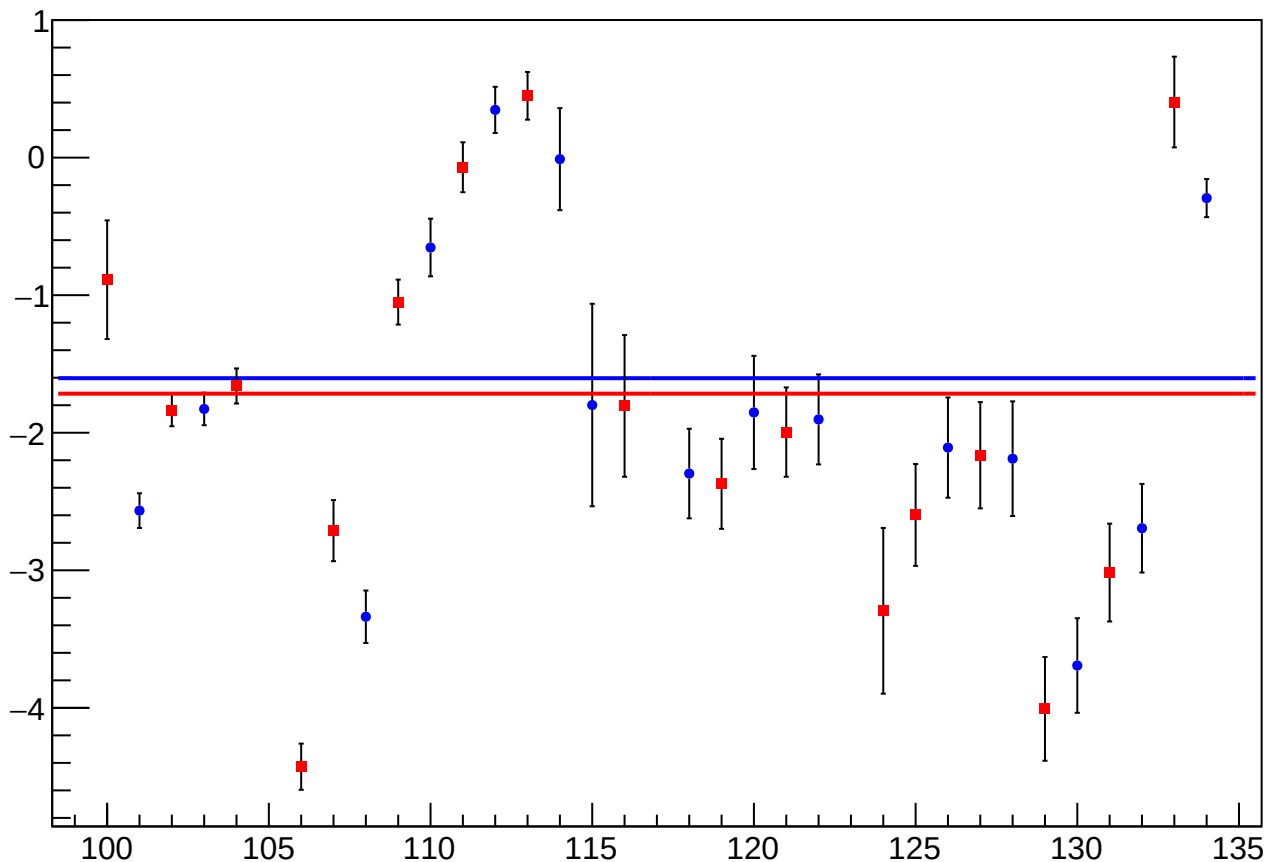
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.541+/-0.689 χ^2/NDF : 12737.5/31

- sign 0.000+/-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: -1.716 ± 0.053 $\chi^2/\text{NDF}: 650.9/16$

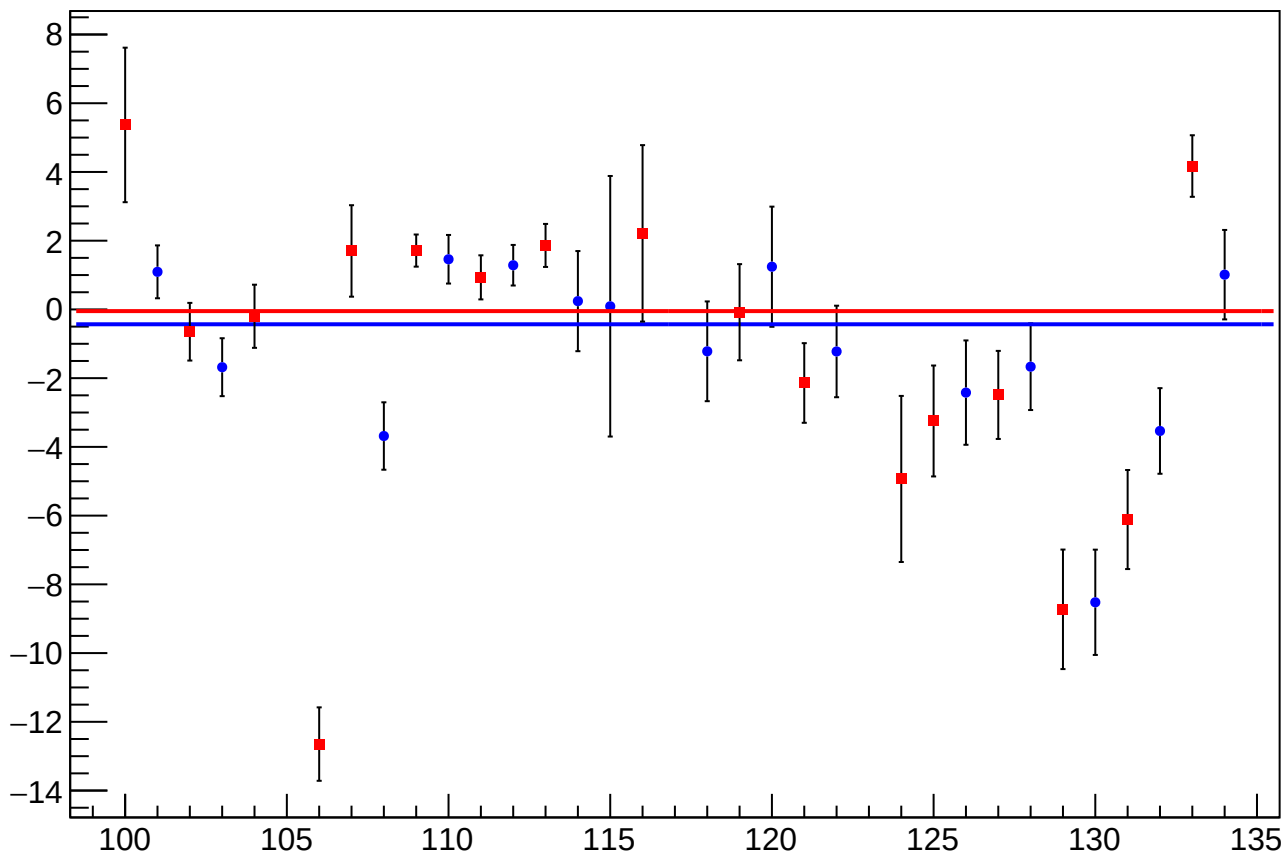
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.661 ± 0.038 $\chi^2/\text{NDF}: 1119.5/31$

- 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: -0.049 ± 0.233 χ^2/NDF : 253.5/16

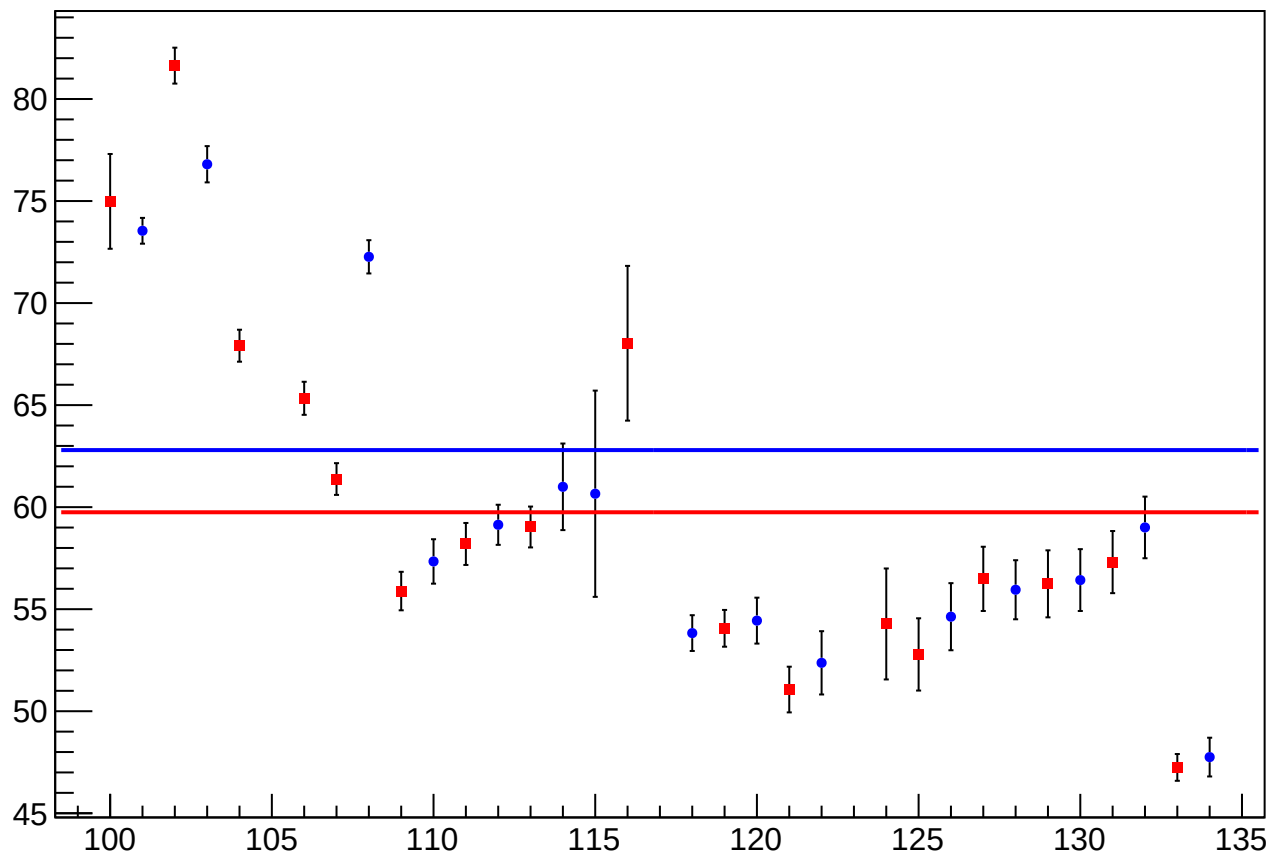
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.212 ± 0.177 χ^2/NDF : 327.2/31

- 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: 59.749 $\pm$ 0.255 χ^2 /NDF: 1340.3/16

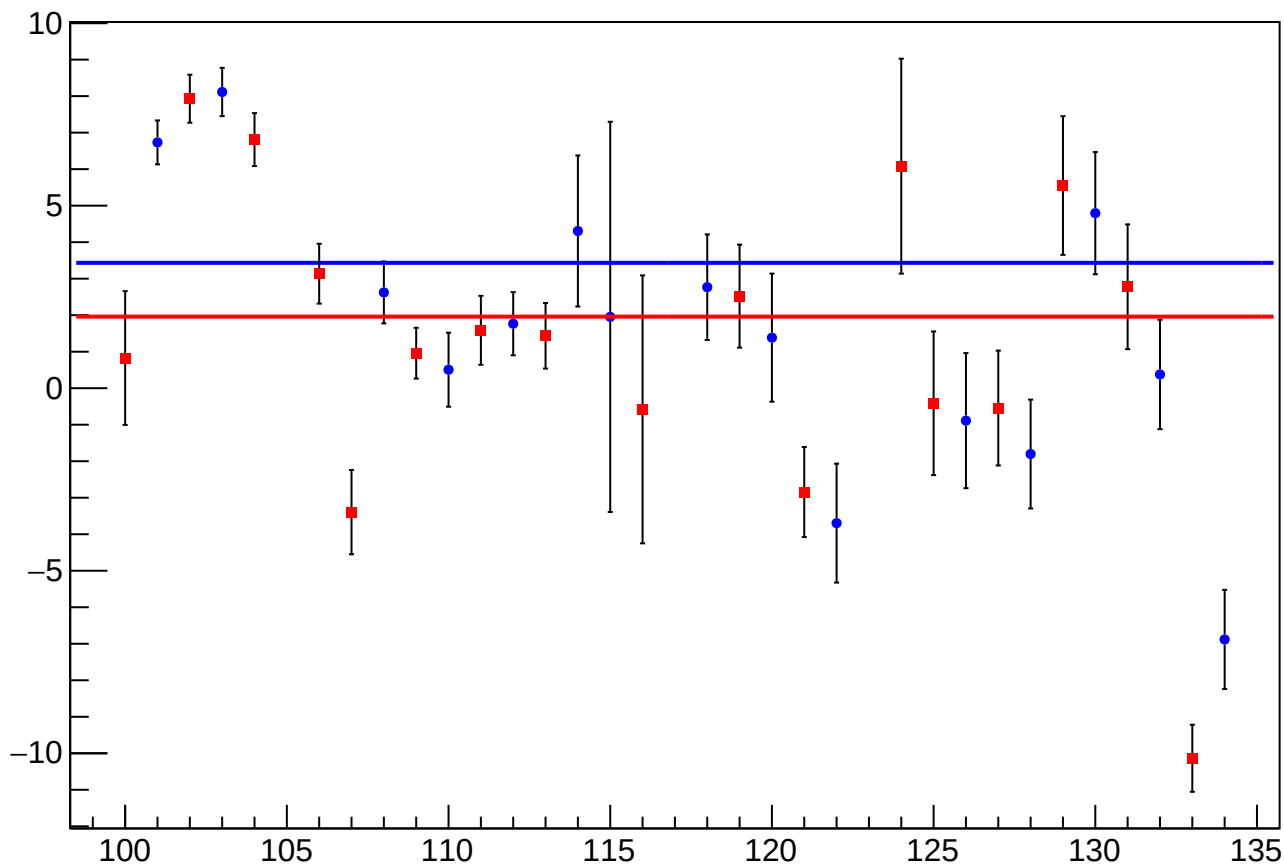
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 61.128 $\pm$ 0.188 χ^2 /NDF: 2644.6/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 3.434 ± 0.285 $\chi^2/\text{NDF}: 194.5/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1.961 ± 0.258 $\chi^2/\text{NDF}: 352.8/16$

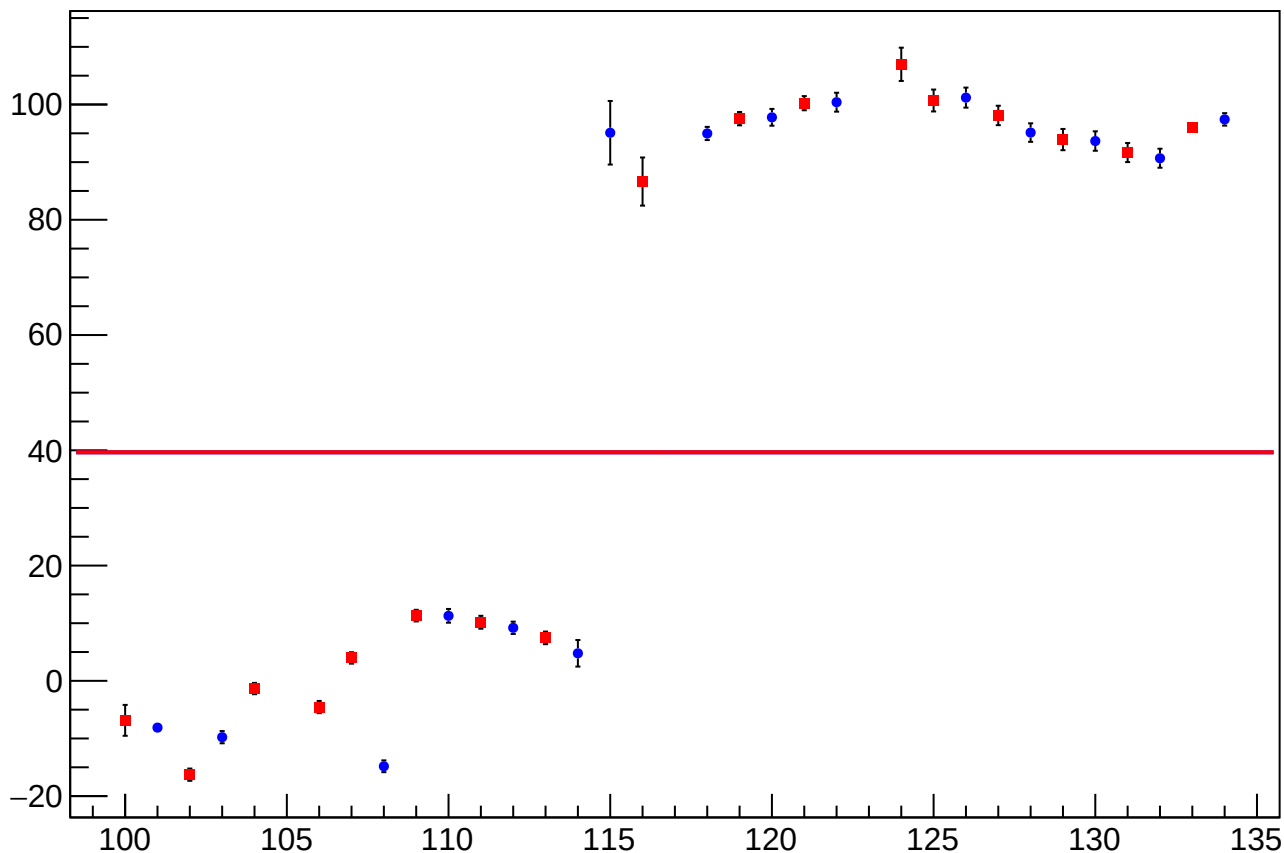
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 2.624 ± 0.191 $\chi^2/\text{NDF}: 561.9/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 39.647 $\pm$ 0.332 χ^2 /NDF: 22845.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 39.661 $\pm$ 0.301 χ^2 /NDF: 24779.9/16

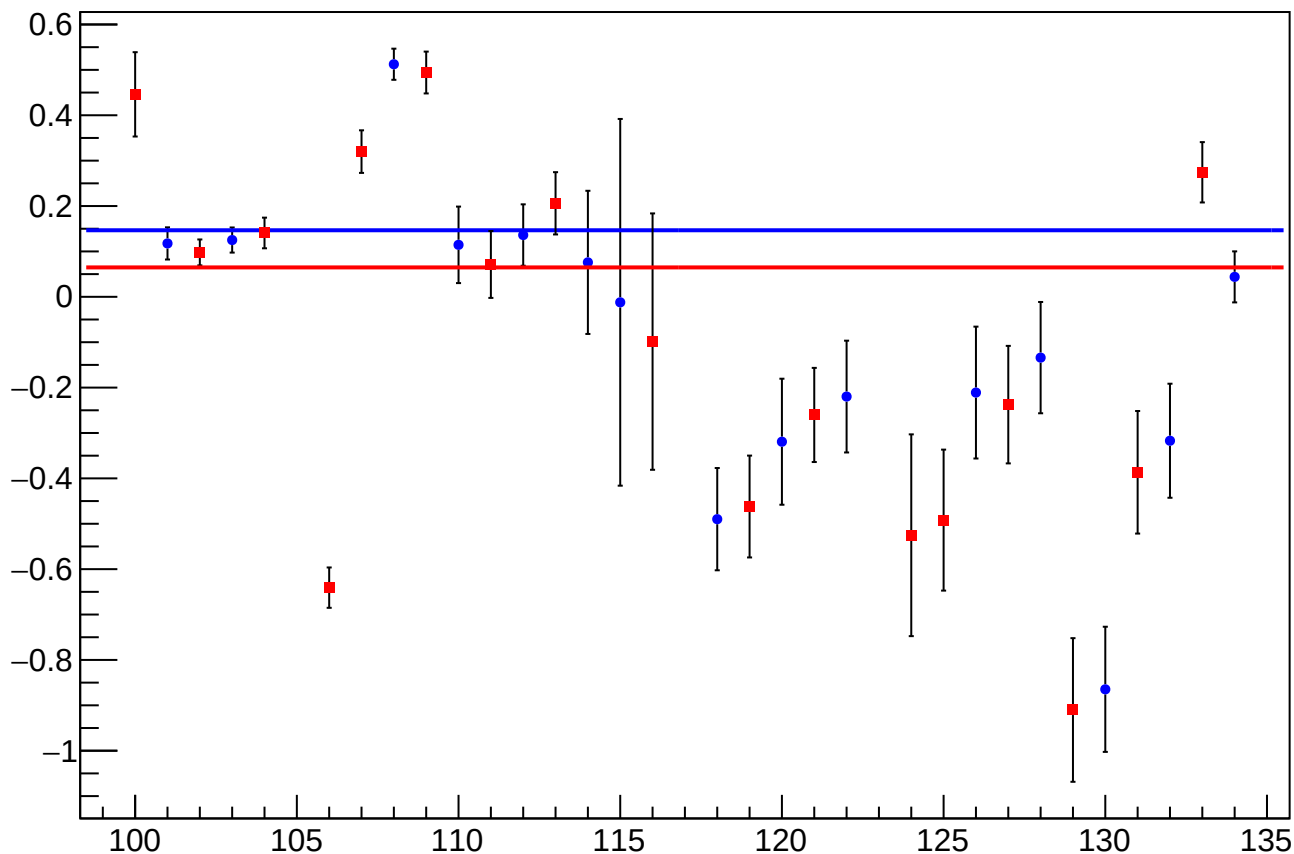
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.655 $\pm$ 0.223 χ^2 /NDF: 47625.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /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: 0.065 $\pm$ 0.015 χ^2 /NDF: 512.5/16

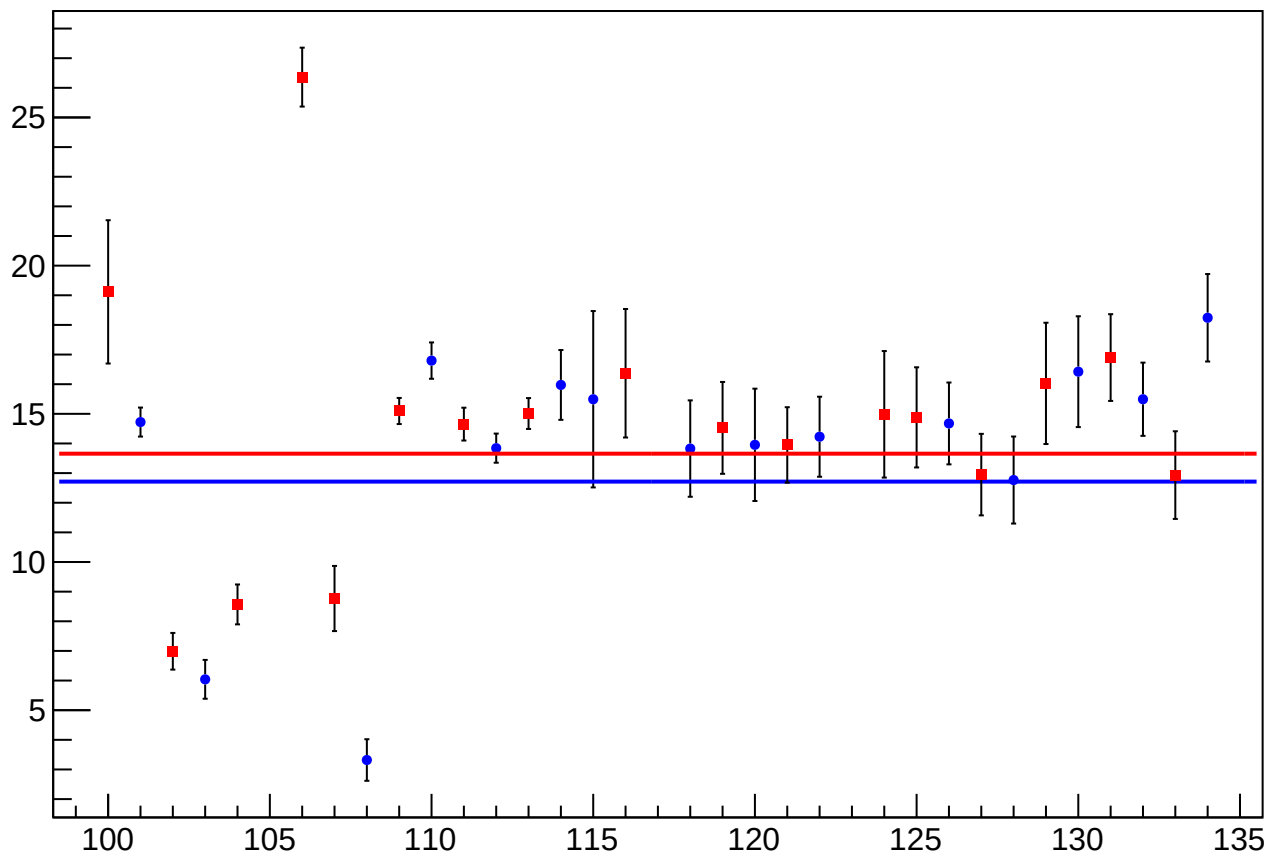
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.103 $\pm$ 0.011 χ^2 /NDF: 776.8/31

- 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: 13.655 $\pm$ 0.211 χ^2 /NDF: 391.8/16

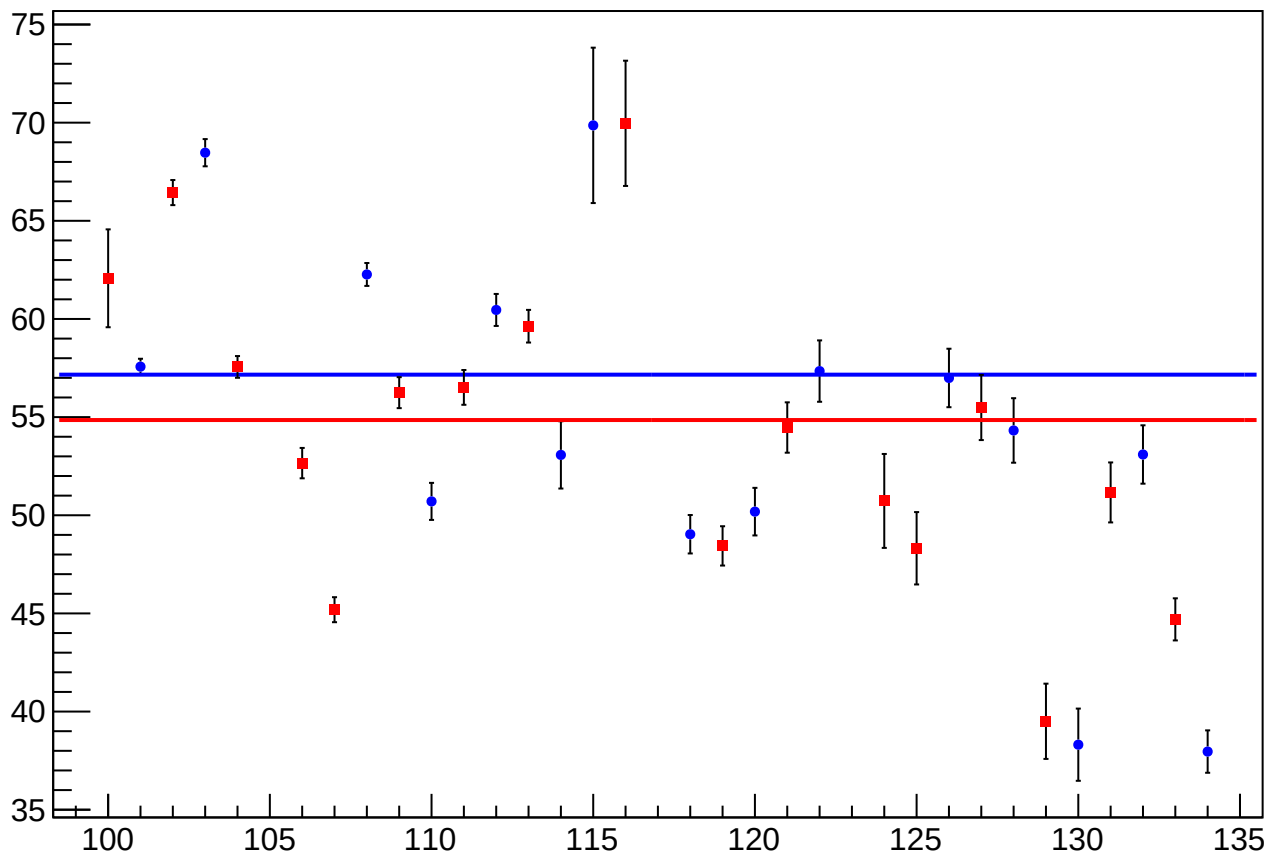
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.214 $\pm$ 0.154 χ^2 /NDF: 786.4/31

- 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: 54.851+/-0.233 χ^2/NDF : 877.5/16

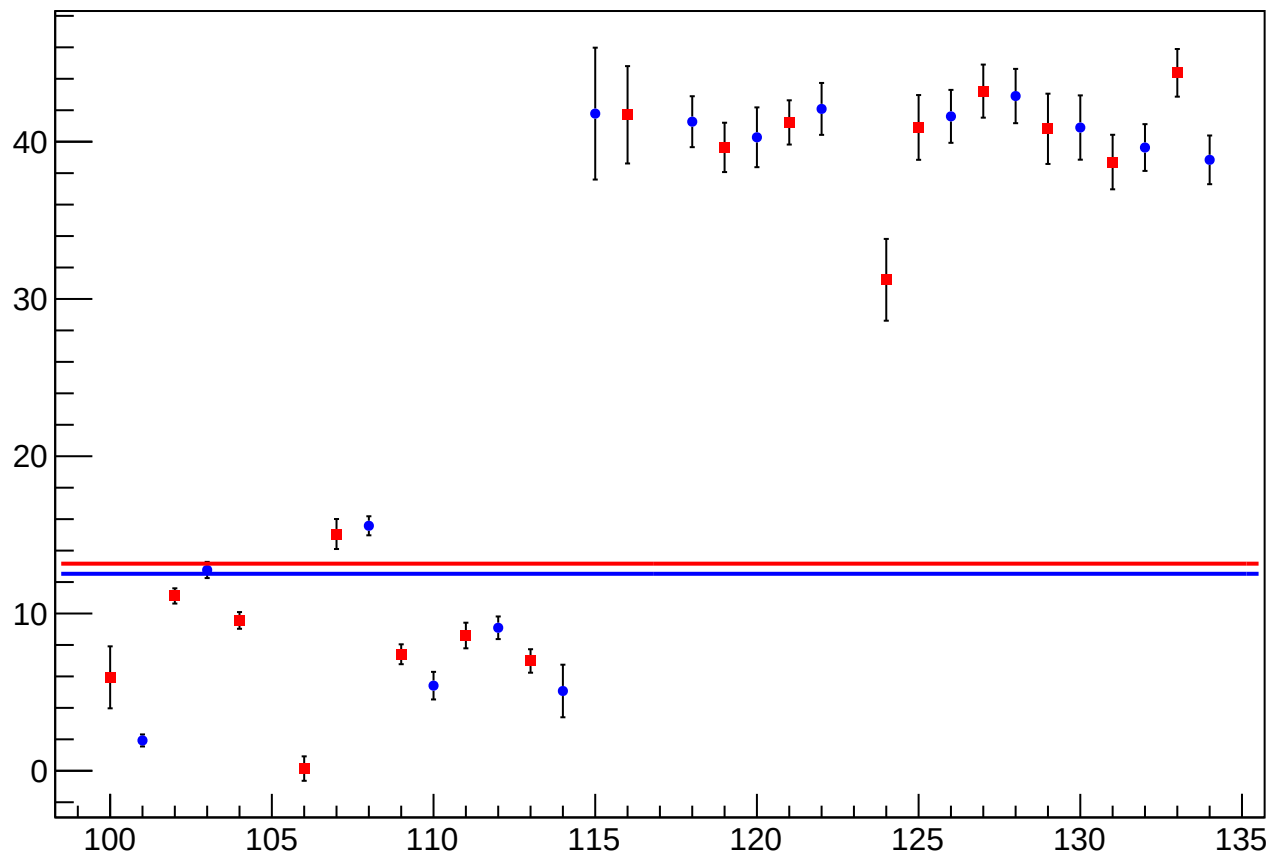
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.018+/-0.164 χ^2/NDF : 1883.5/31

- 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: 13.169 $\pm$ 0.227 χ^2 /NDF: 2654.2/16

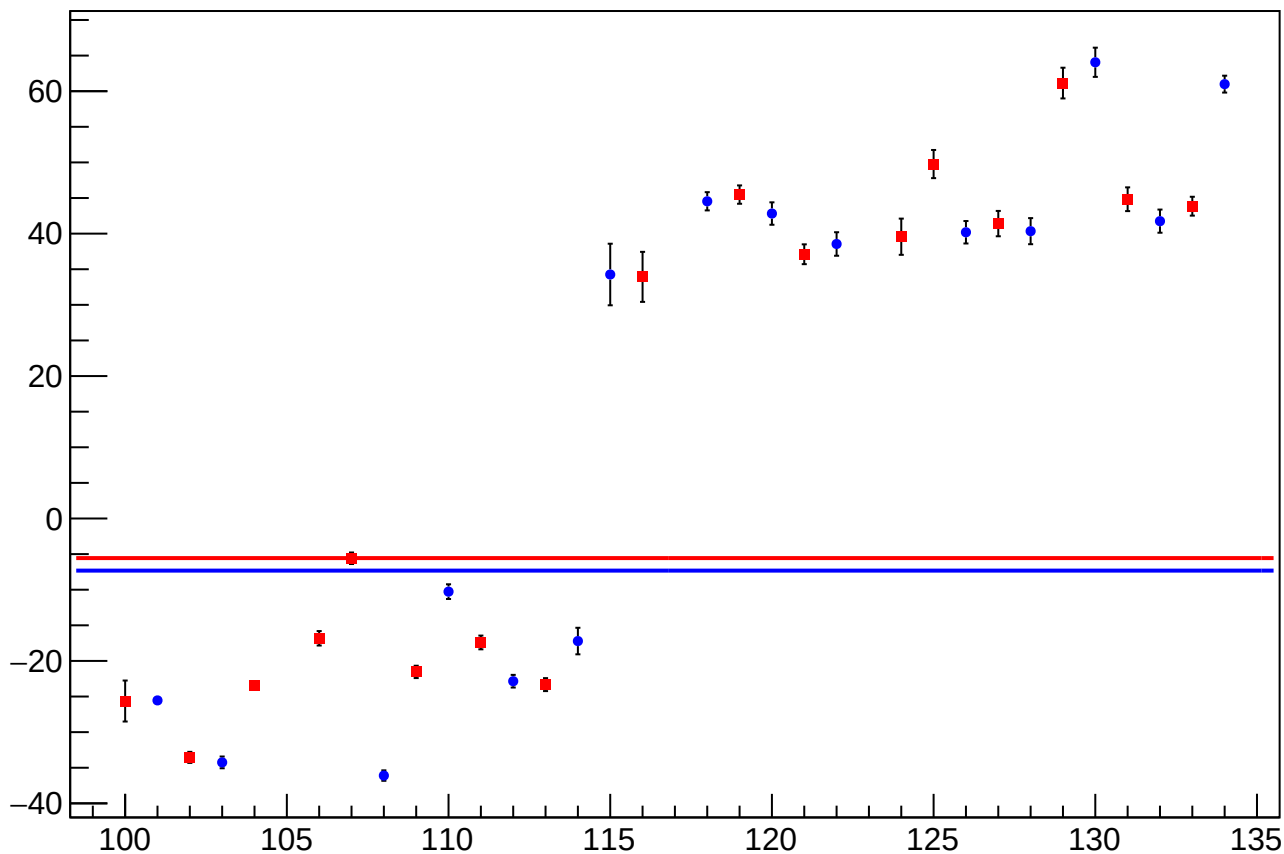
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.844 $\pm$ 0.160 χ^2 /NDF: 5878.7/31

- 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: -5.560 ± 0.277 χ^2/NDF : 10706.9/16

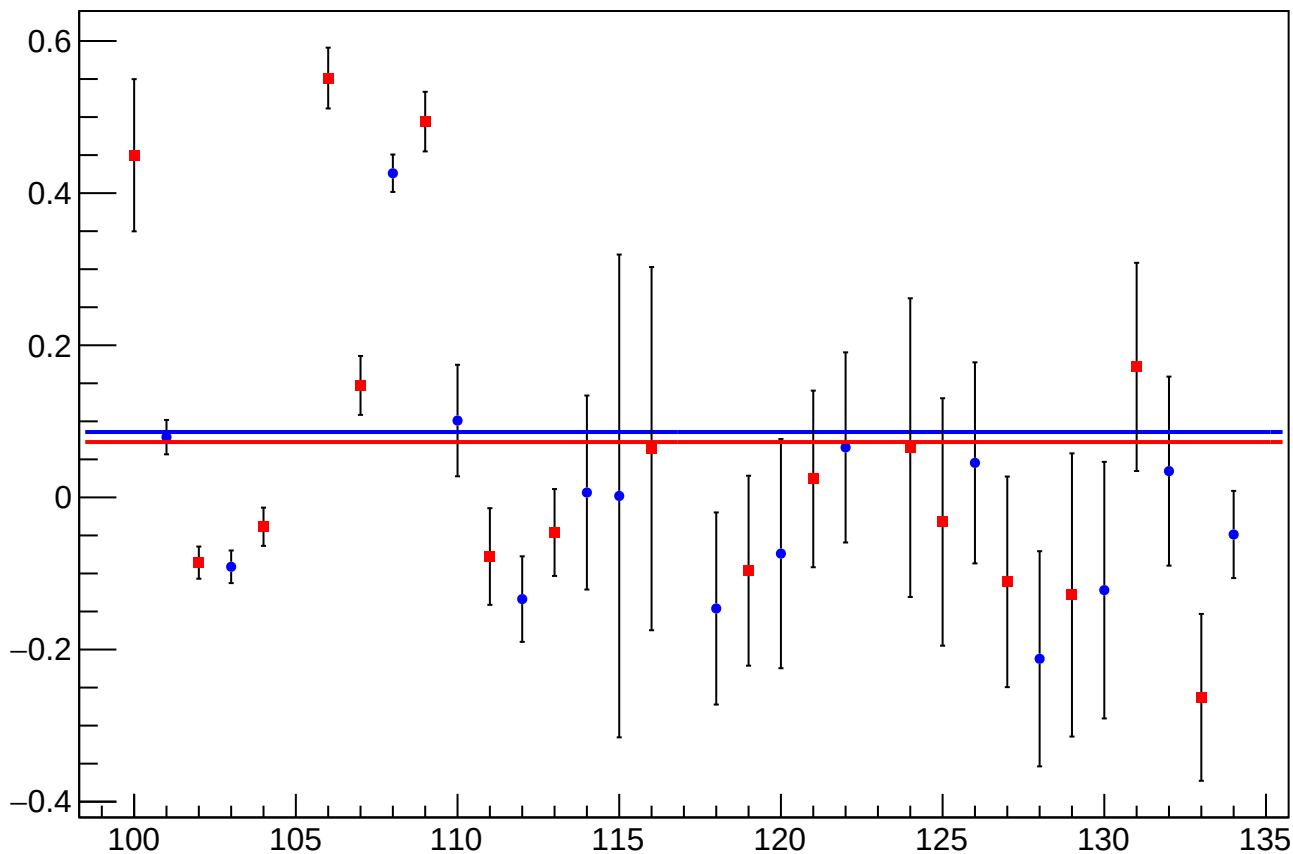
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.442 ± 0.196 χ^2/NDF : 25495.1/31

- 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: 0.073 $\pm$ 0.012 χ^2 /NDF: 378.0/16

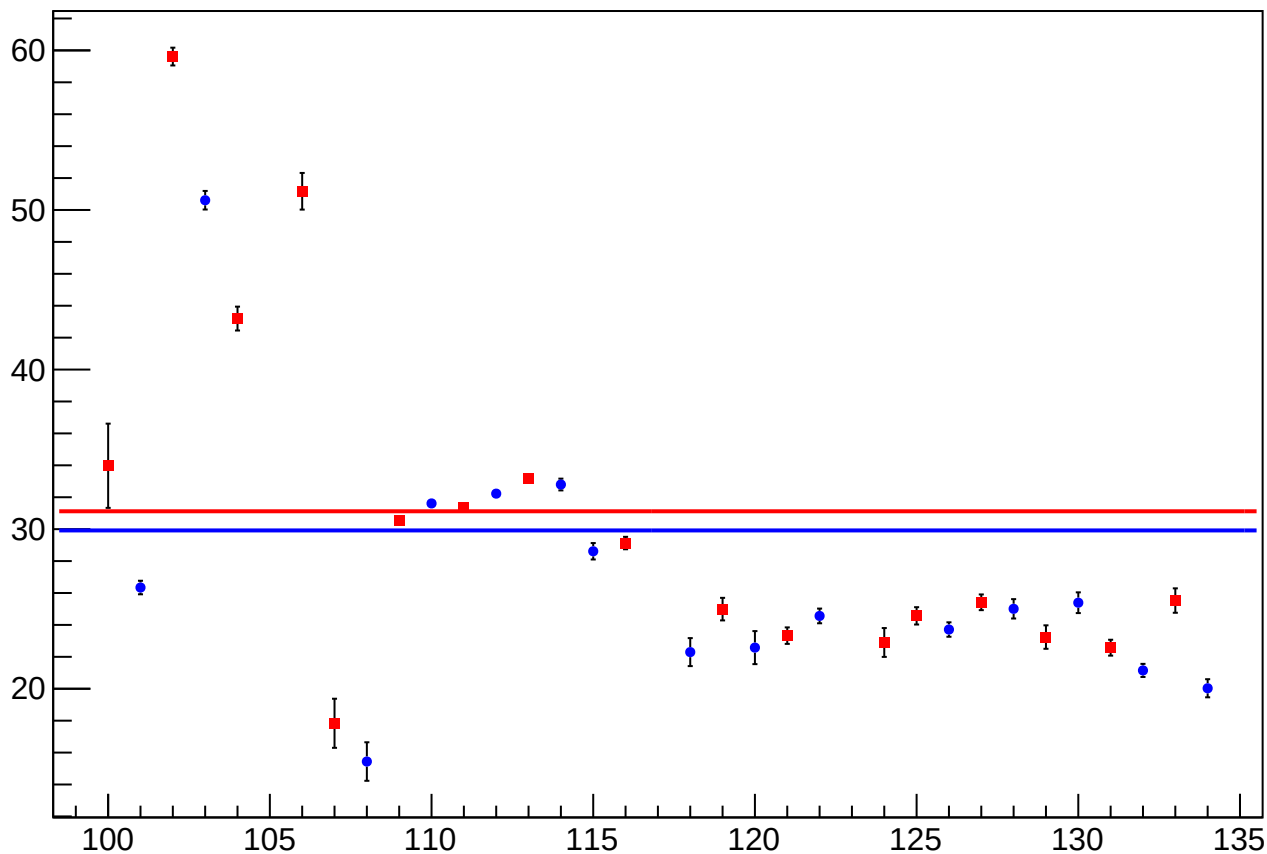
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.079 $\pm$ 0.008 χ^2 /NDF: 670.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 29.920 $\pm$ 0.095 χ^2 /NDF: 3147.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.120 $\pm$ 0.082 χ^2 /NDF: 4560.8/16

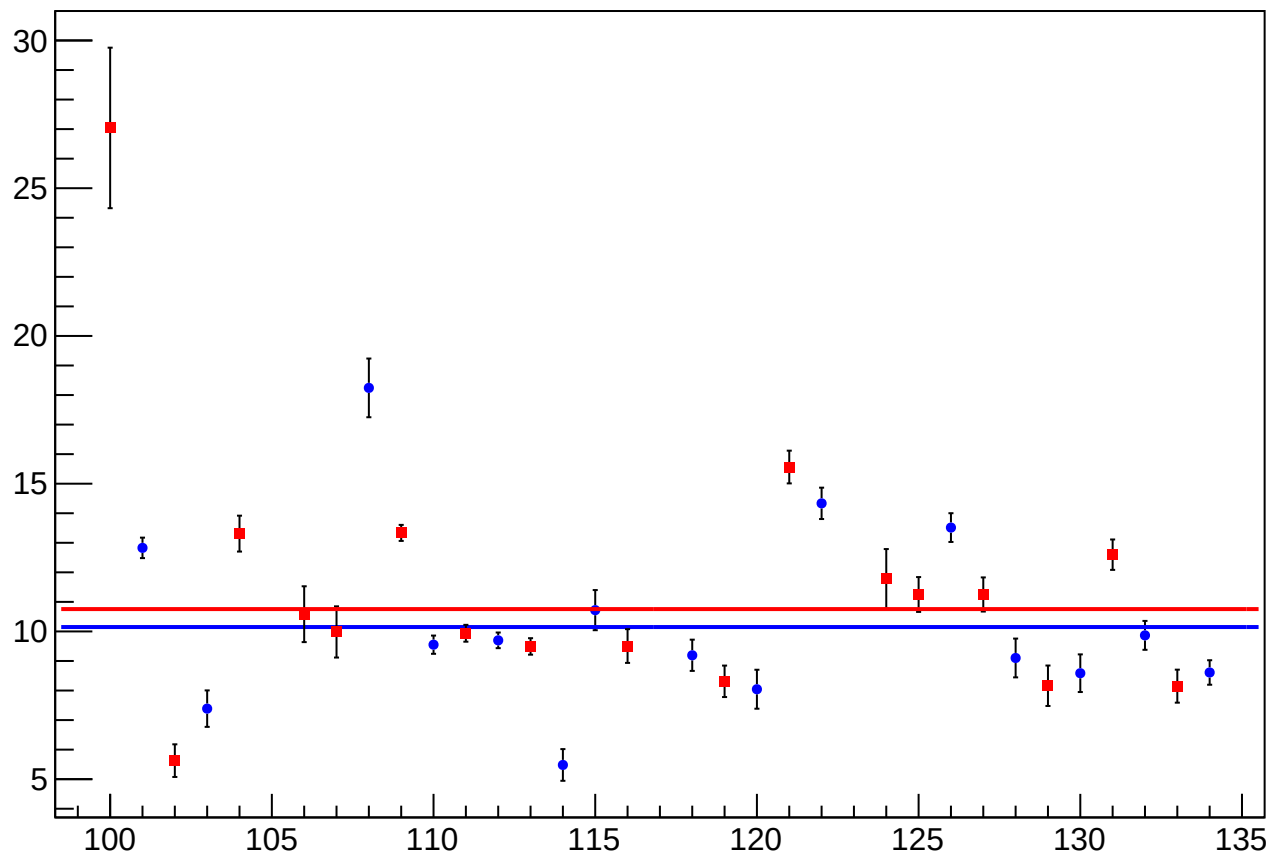
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.612 $\pm$ 0.062 χ^2 /NDF: 7799.7/31

- sign 0.000 $\pm$ 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: 10.756 $\pm$ 0.117 χ^2 /NDF: 412.3/16

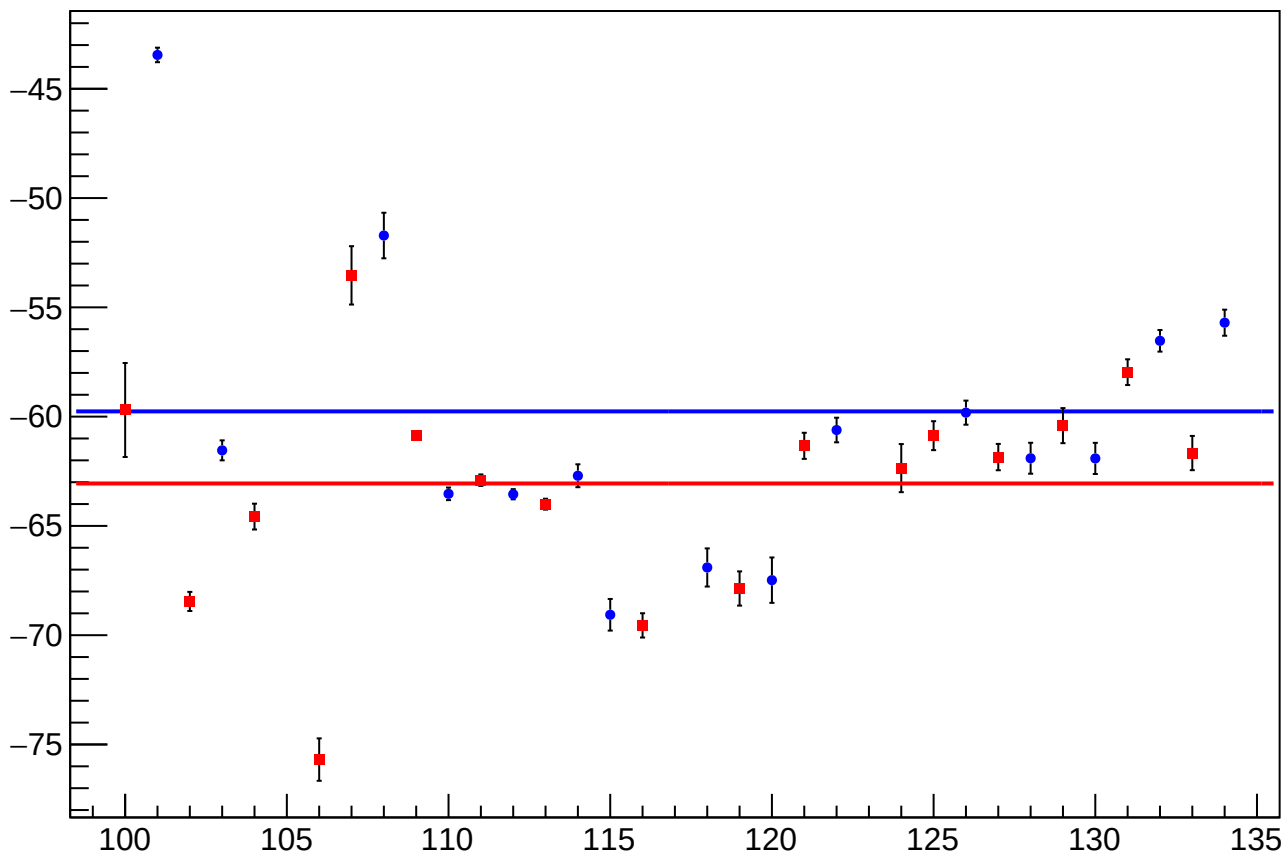
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.457 $\pm$ 0.083 χ^2 /NDF: 801.0/31

- 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: -63.059 ± 0.111 χ^2/NDF : 787.1/16

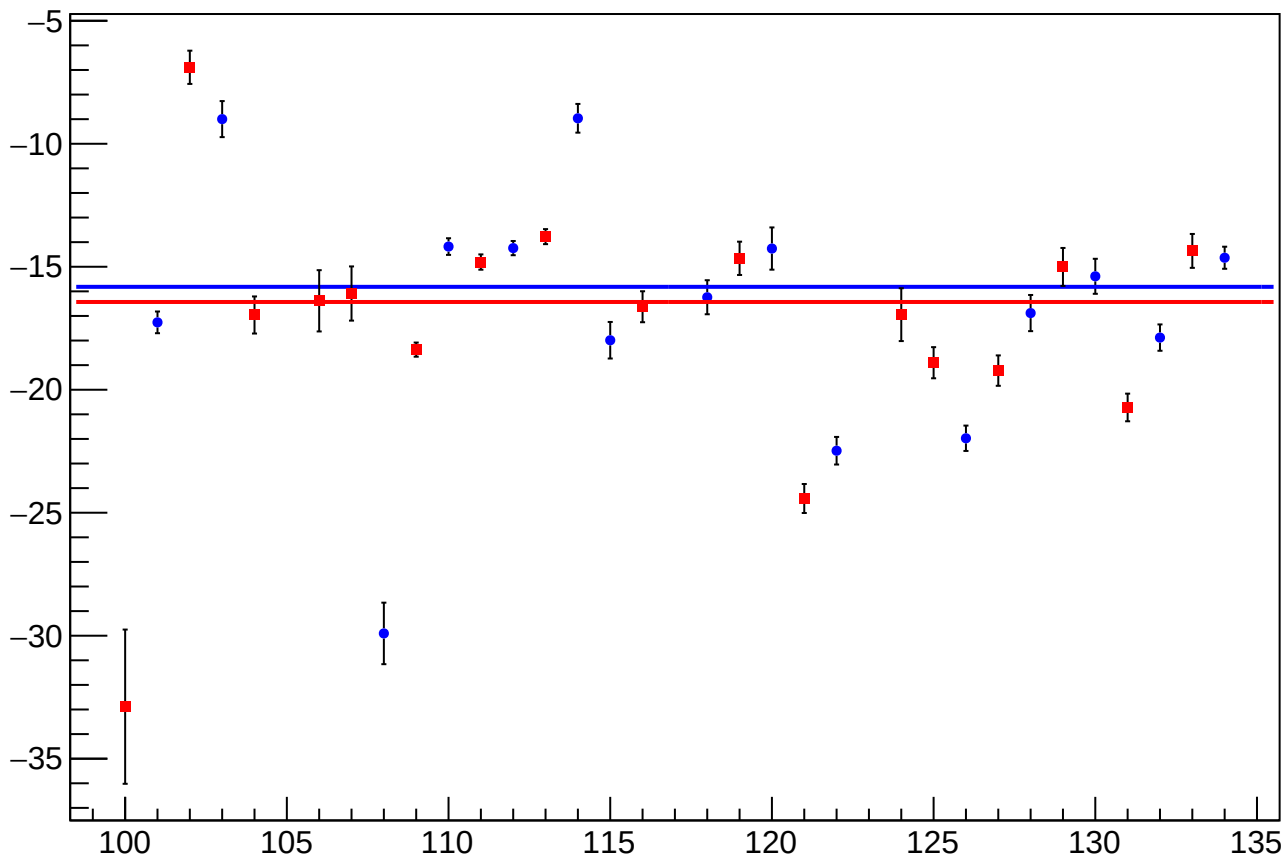
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -61.531 ± 0.081 χ^2/NDF : 4538.7/31

- 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: -16.432 ± 0.130 χ^2/NDF : 673.1/16

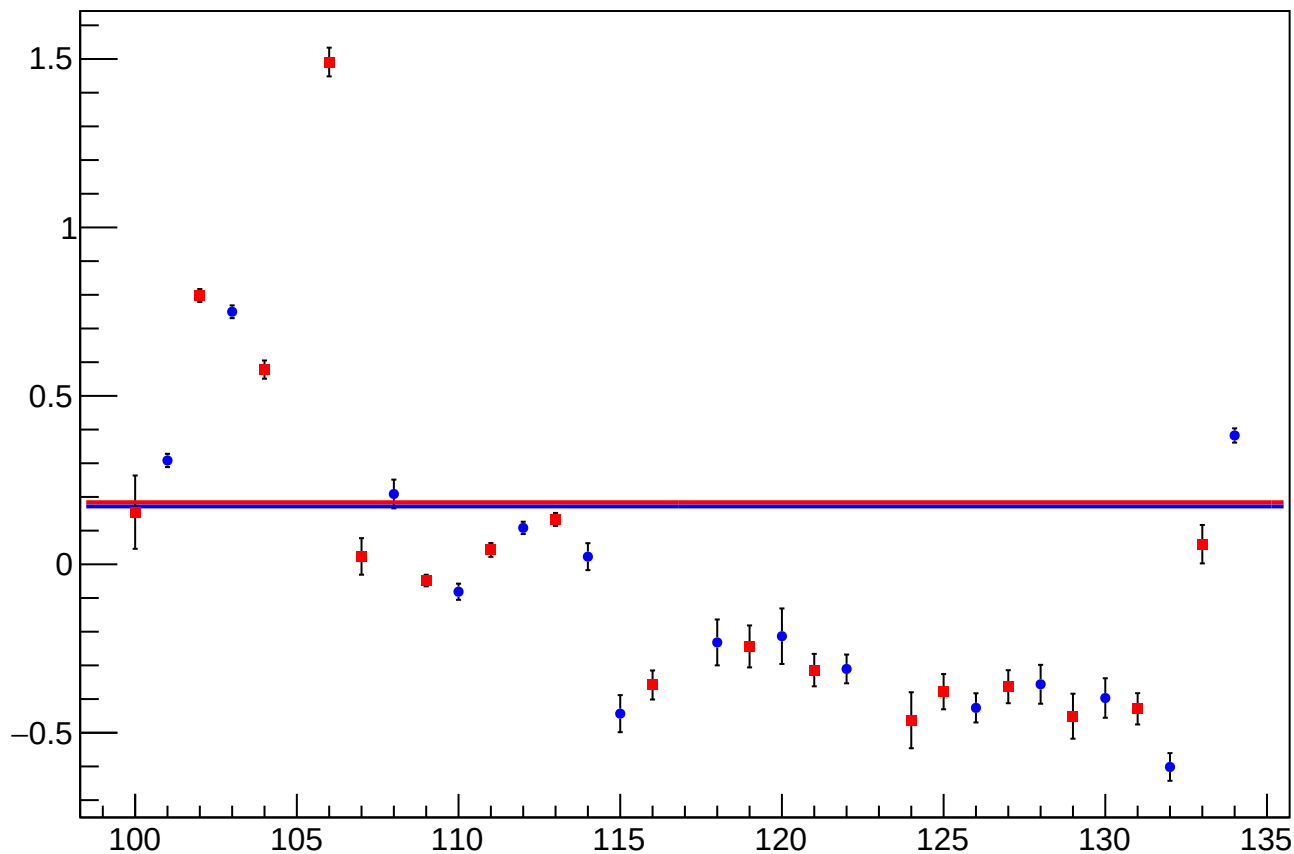
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.134 ± 0.093 χ^2/NDF : 1419.3/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: 0.172+/-0.008 χ^2/NDF : 2241.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.184+/-0.008 χ^2/NDF : 3303.9/16

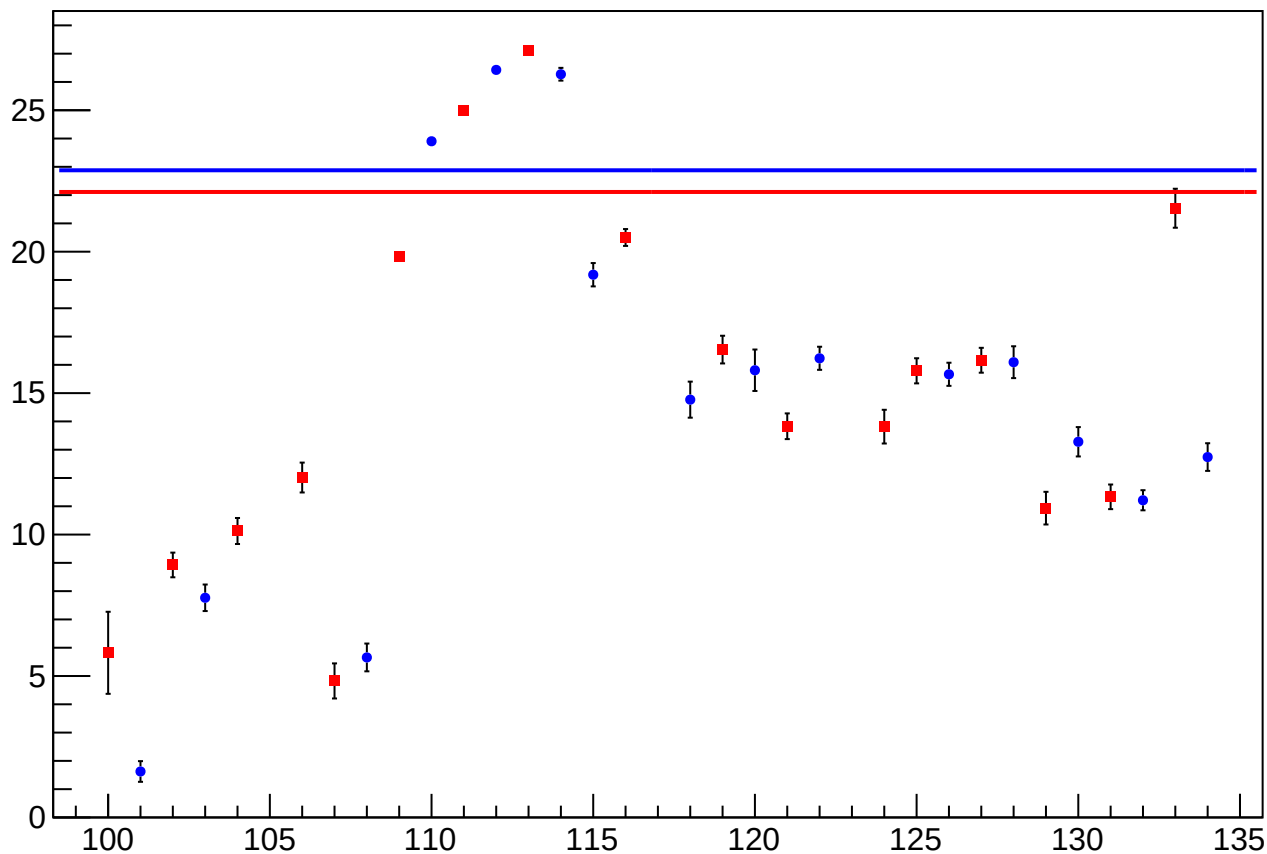
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.178+/-0.005 χ^2/NDF : 5547.1/31

- sign 0.000+/-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: 22.111+/-0.047 χ^2/NDF : 9368.9/16

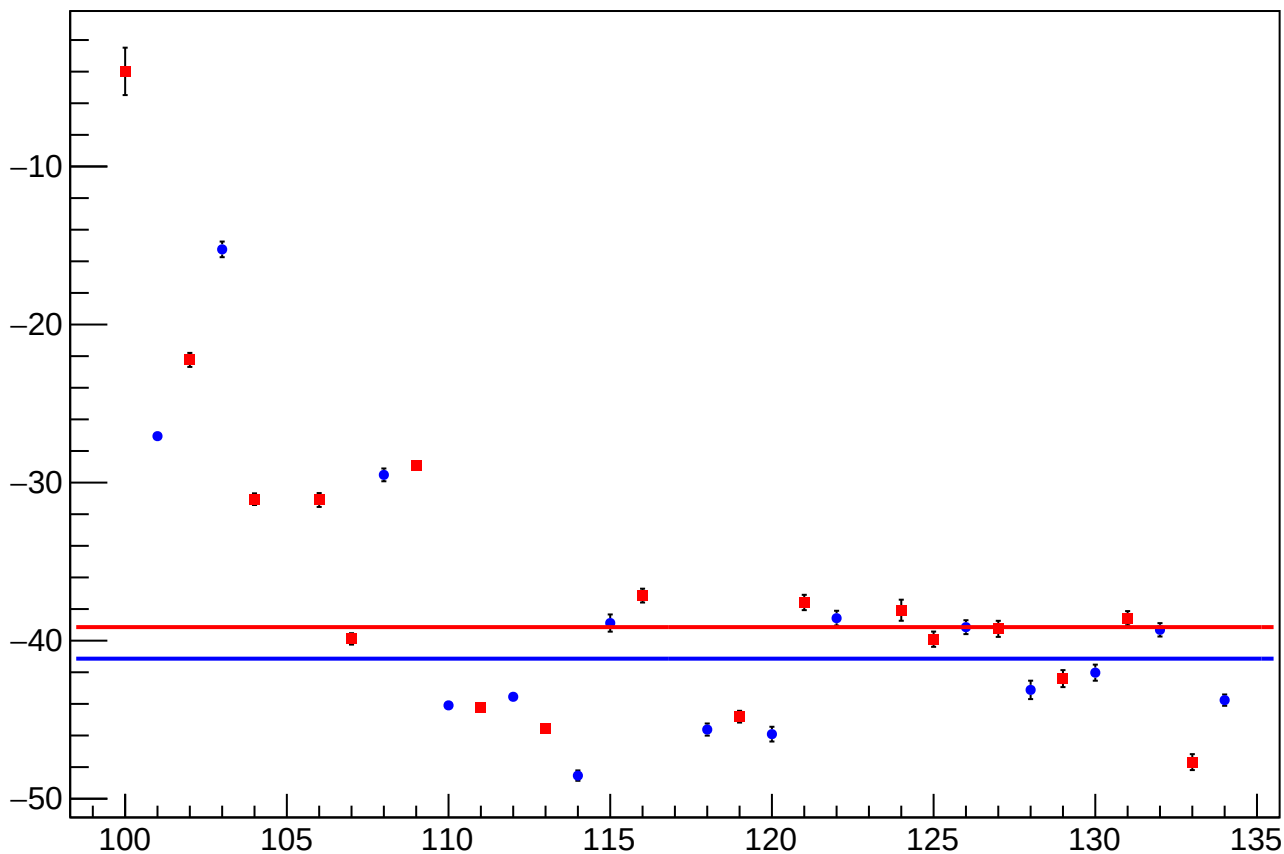
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.414+/-0.036 χ^2/NDF : 20017.7/31

- 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 χ^2/NDF : 7307.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -39.143 ± 0.073 χ^2/NDF : 10022.5/16

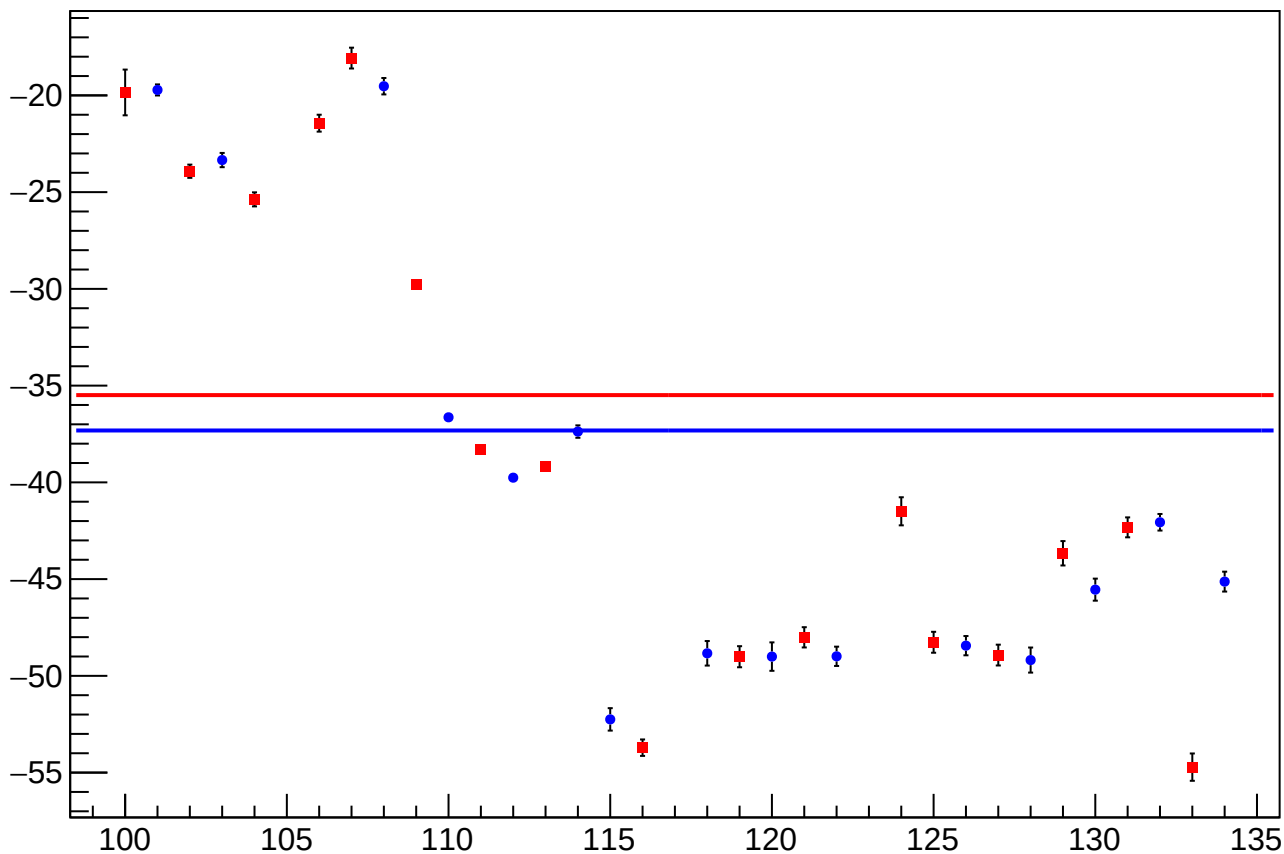
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.059 ± 0.054 χ^2/NDF : 17675.4/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -37.318 ± 0.077 χ^2/NDF : 10566.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.490 ± 0.066 χ^2/NDF : 12957.2/16

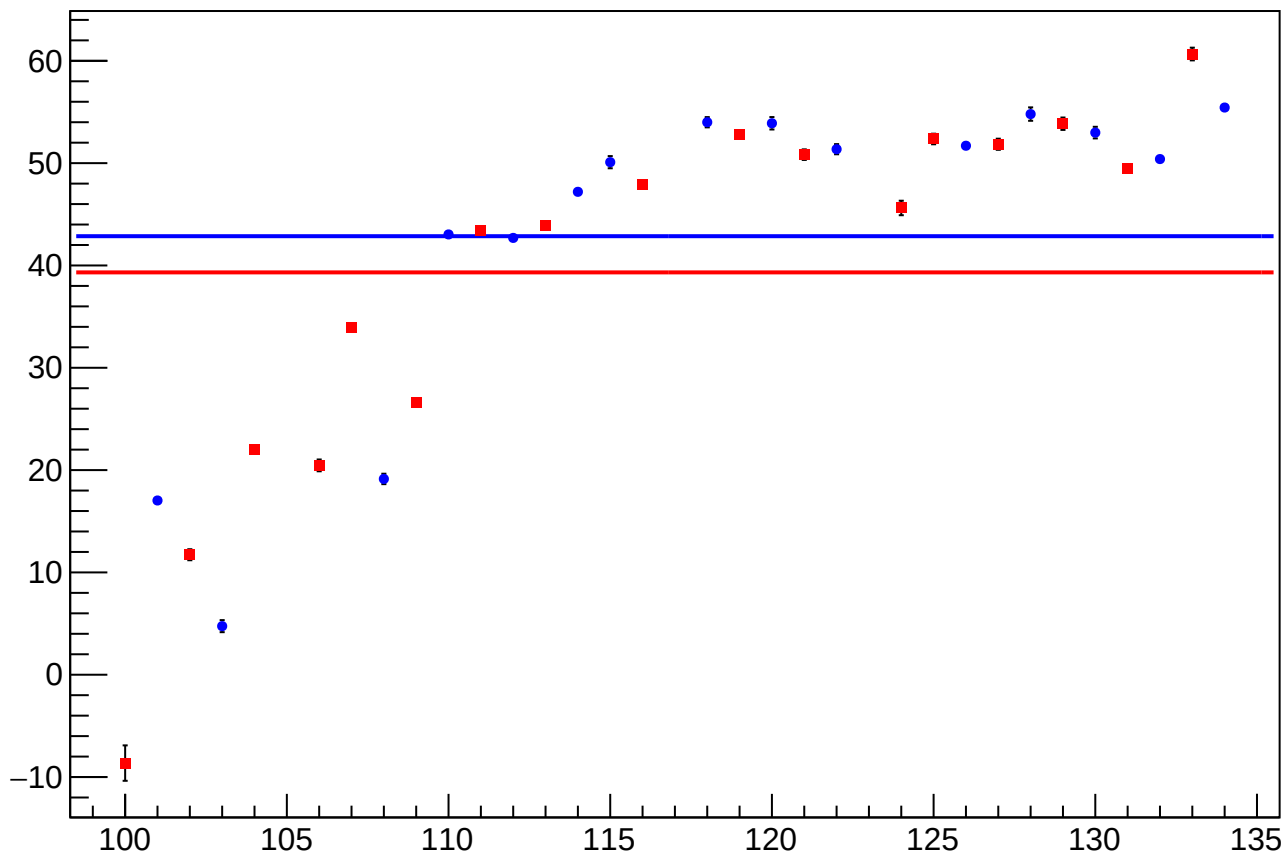
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.263 ± 0.050 χ^2/NDF : 23850.7/31

- sign 0.000 ± 0.000 χ^2/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: 39.323 ± 0.080 χ^2/NDF : 17848.6/16

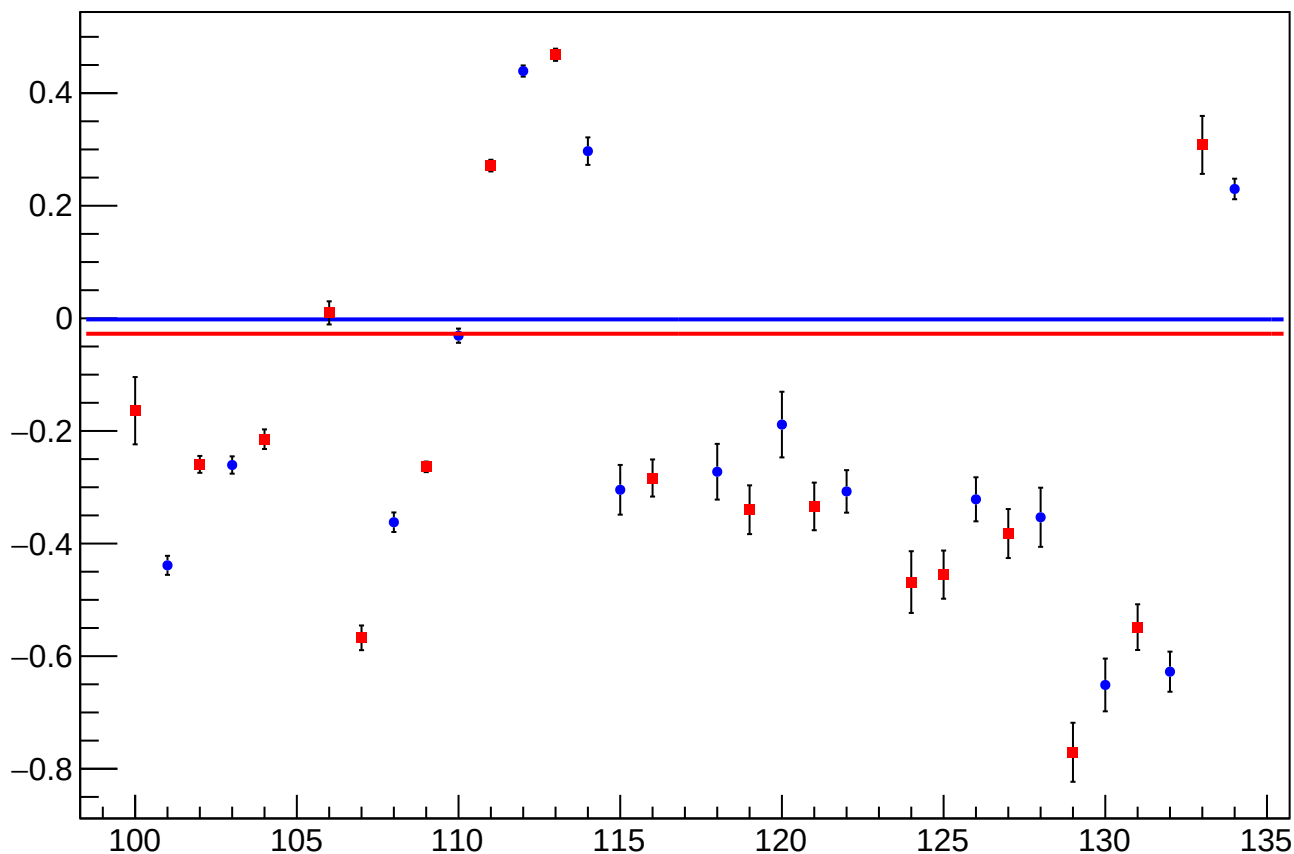
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 40.922 ± 0.060 χ^2/NDF : 33454.8/31

- 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 χ^2/NDF : 4427.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.027 ± 0.005 χ^2/NDF : 5333.2/16

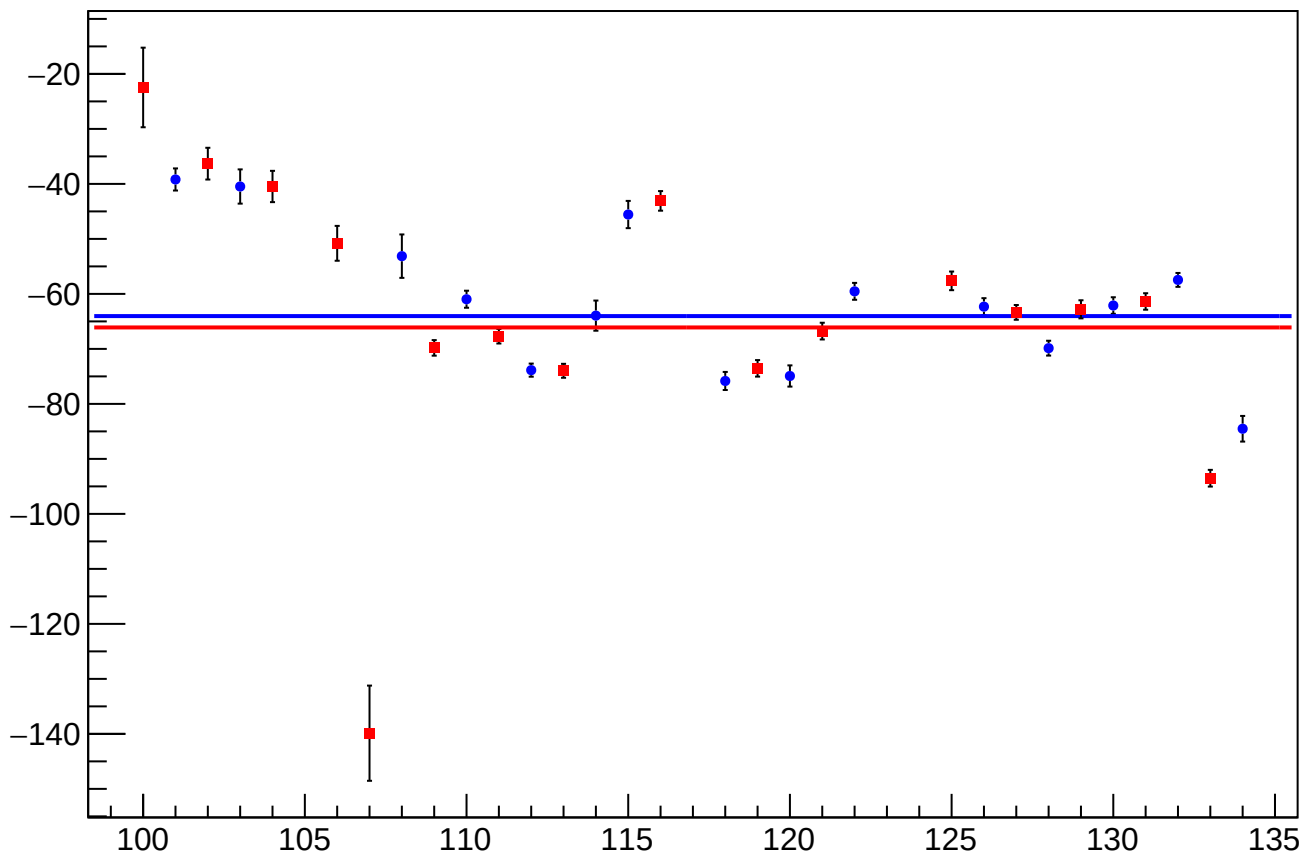
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.003 χ^2/NDF : 9774.1/31

- sign 0.000 ± 0.000 χ^2/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: -66.101 ± 0.430 χ^2/NDF : 927.4/15

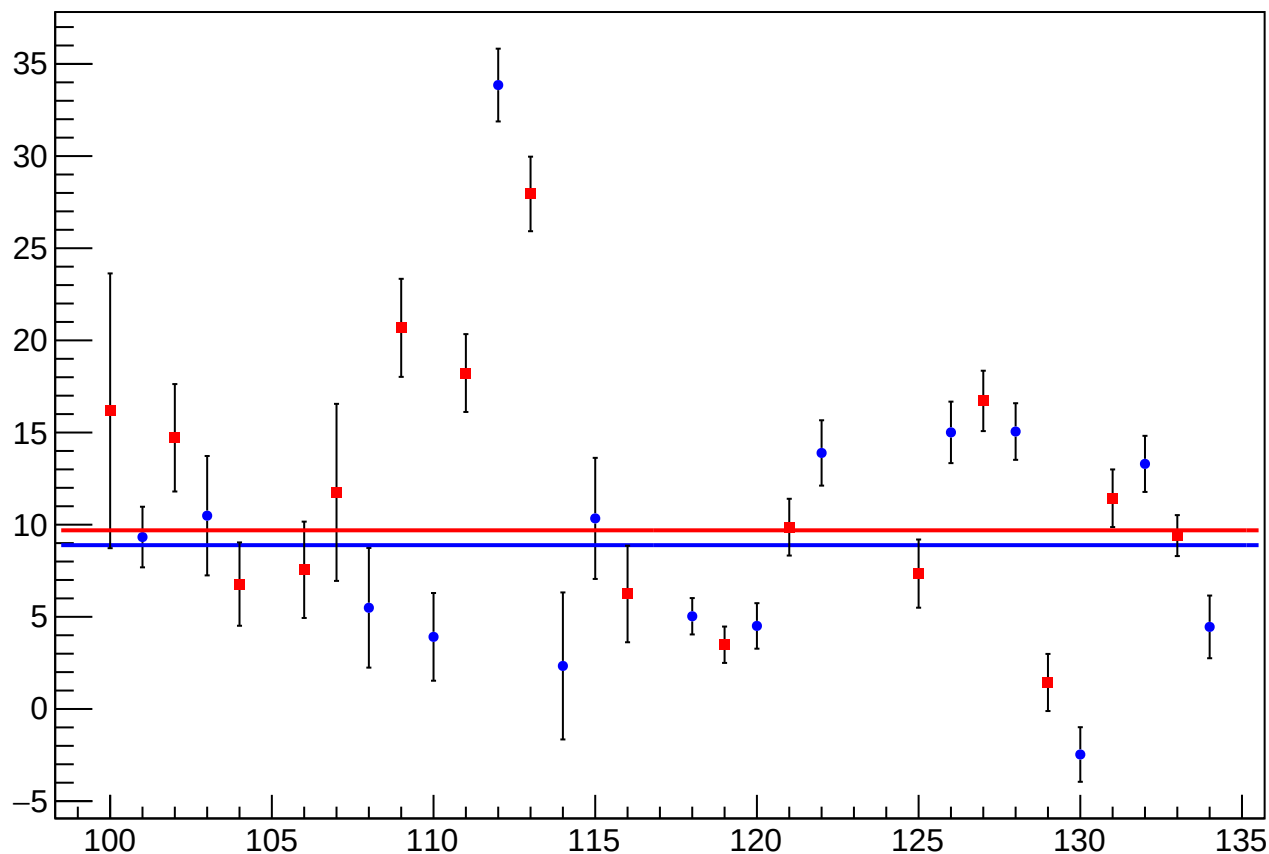
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -65.097 ± 0.308 χ^2/NDF : 1501.5/30

- 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: 9.694+/-0.446 χ^2/NDF : 212.1/15

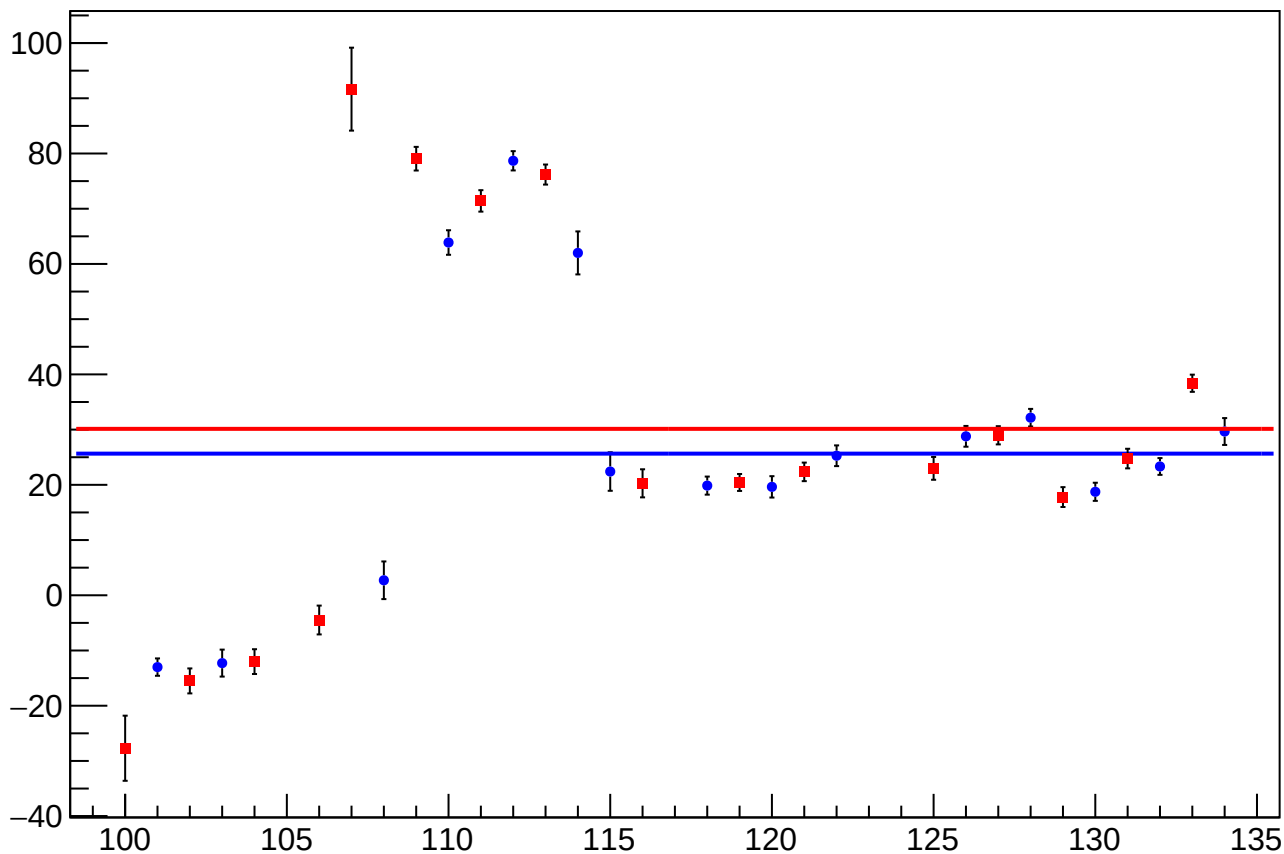
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.286+/-0.313 χ^2/NDF : 521.7/30

- 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: 30.137+/-0.503 χ^2/NDF : 2889.9/15

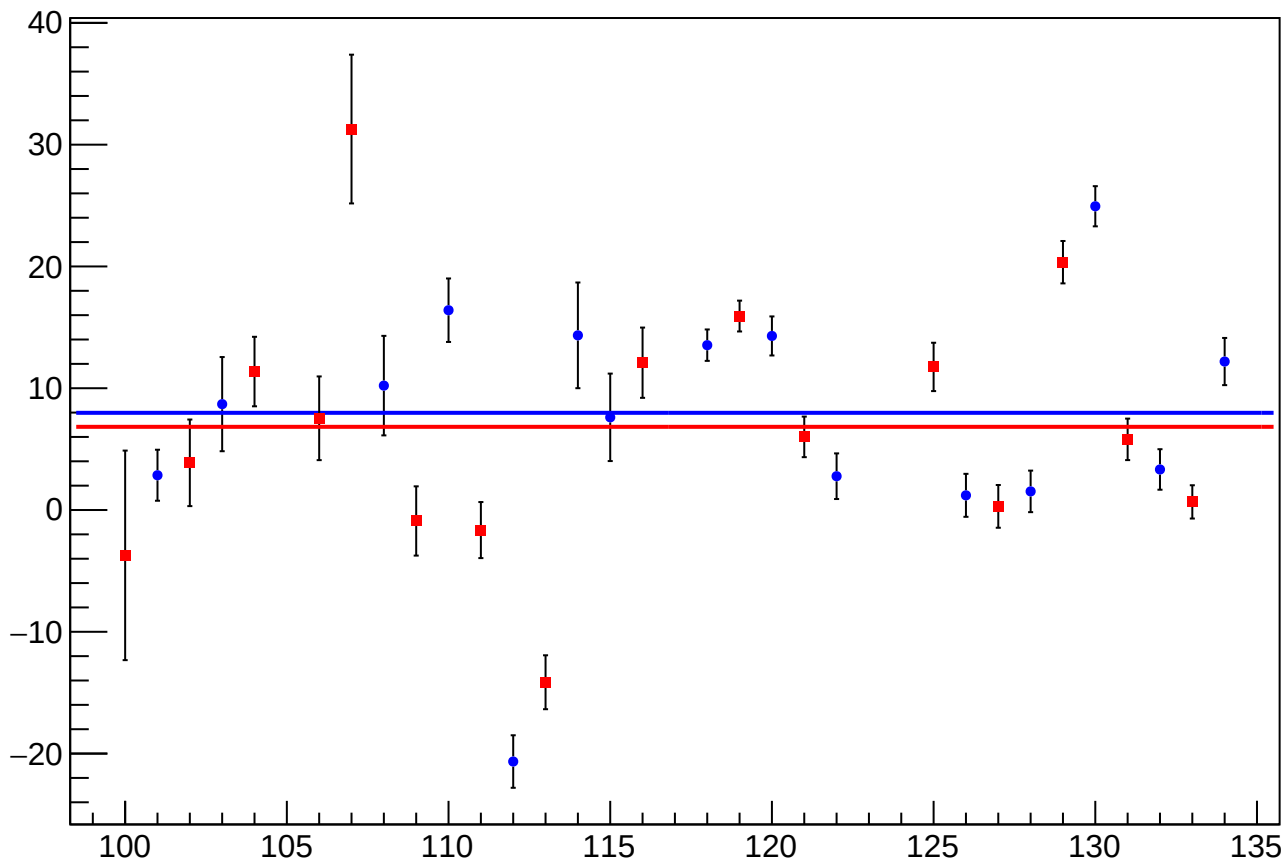
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.904+/-0.357 χ^2/NDF : 5190.7/30

- 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: 6.831+/-0.517 χ^2/NDF : 287.7/15

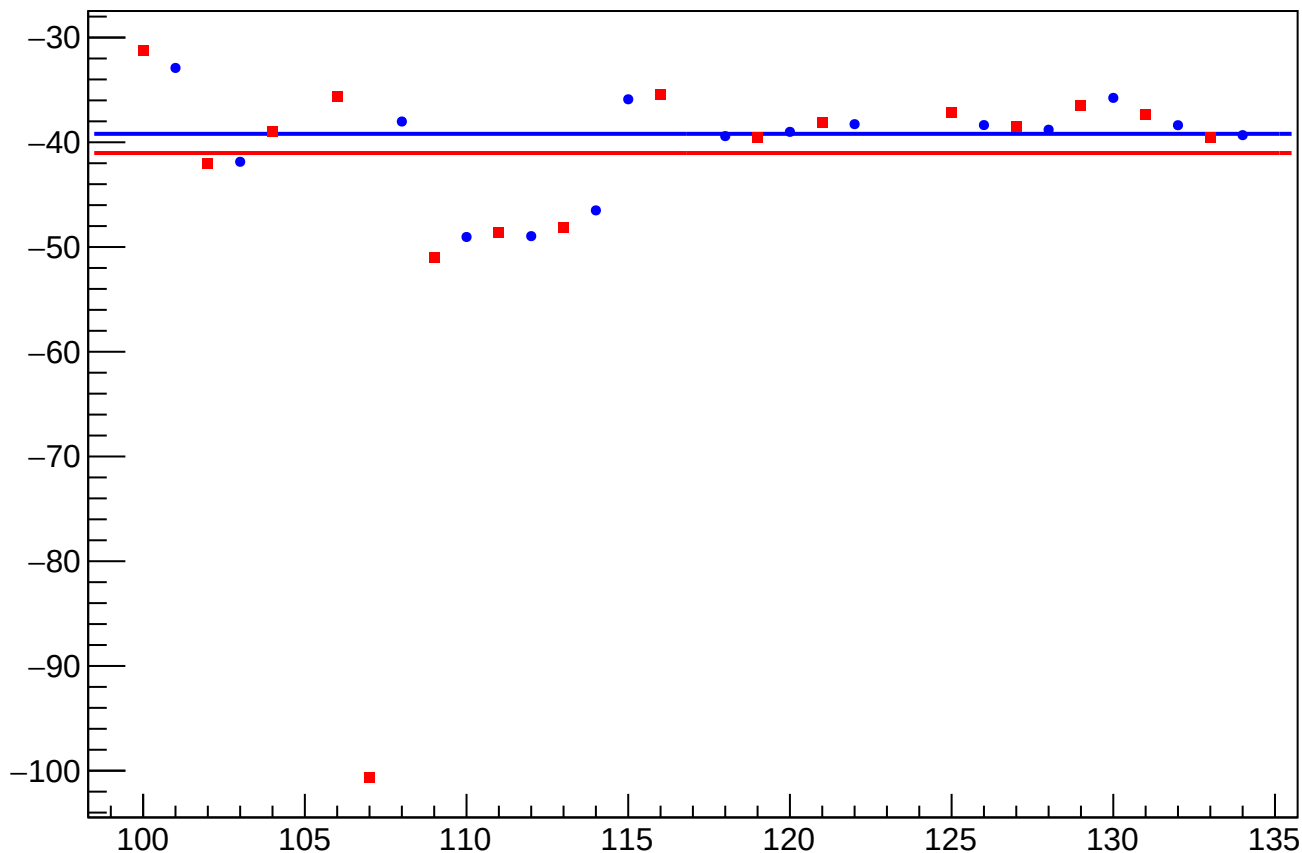
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.410+/-0.365 χ^2/NDF : 674.6/30

- 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: -41.025 ± 0.035 χ^2/NDF : 54848.5/15

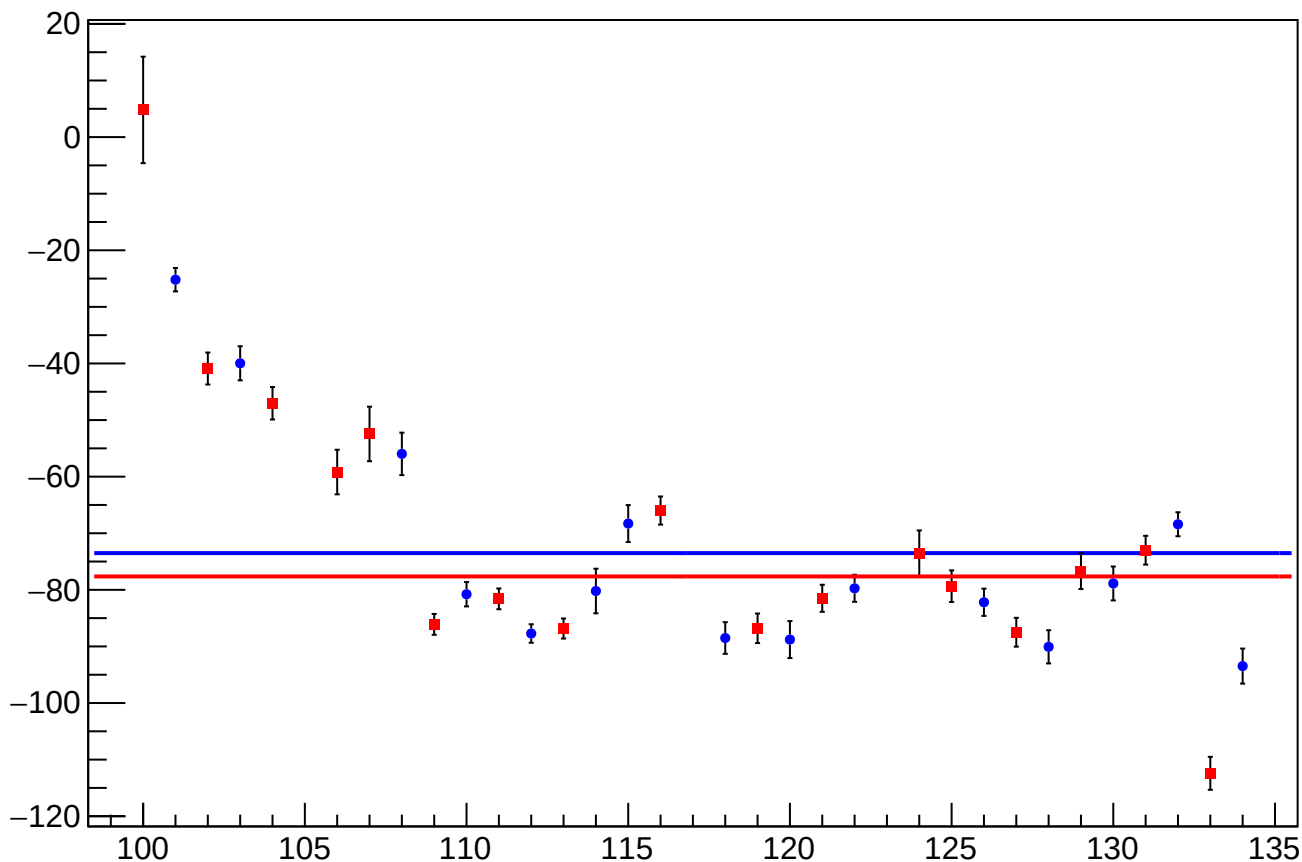
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.100 ± 0.025 χ^2/NDF : 70997.7/30

- 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: -77.635 ± 0.636 χ^2/NDF : 660.8/16

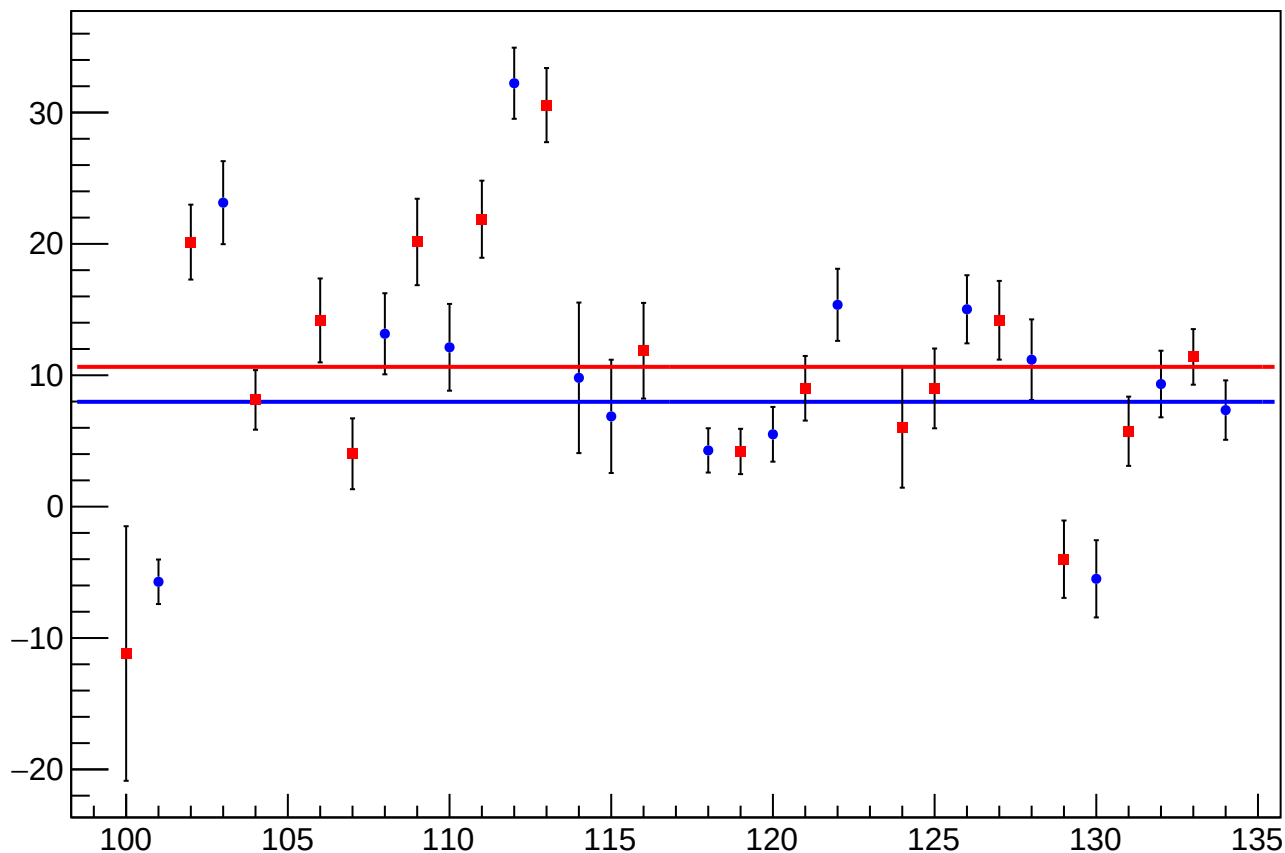
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -75.653 ± 0.458 χ^2/NDF : 1616.8/31

- 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: 10.640 ± 0.670 χ^2/NDF : 143.0/16

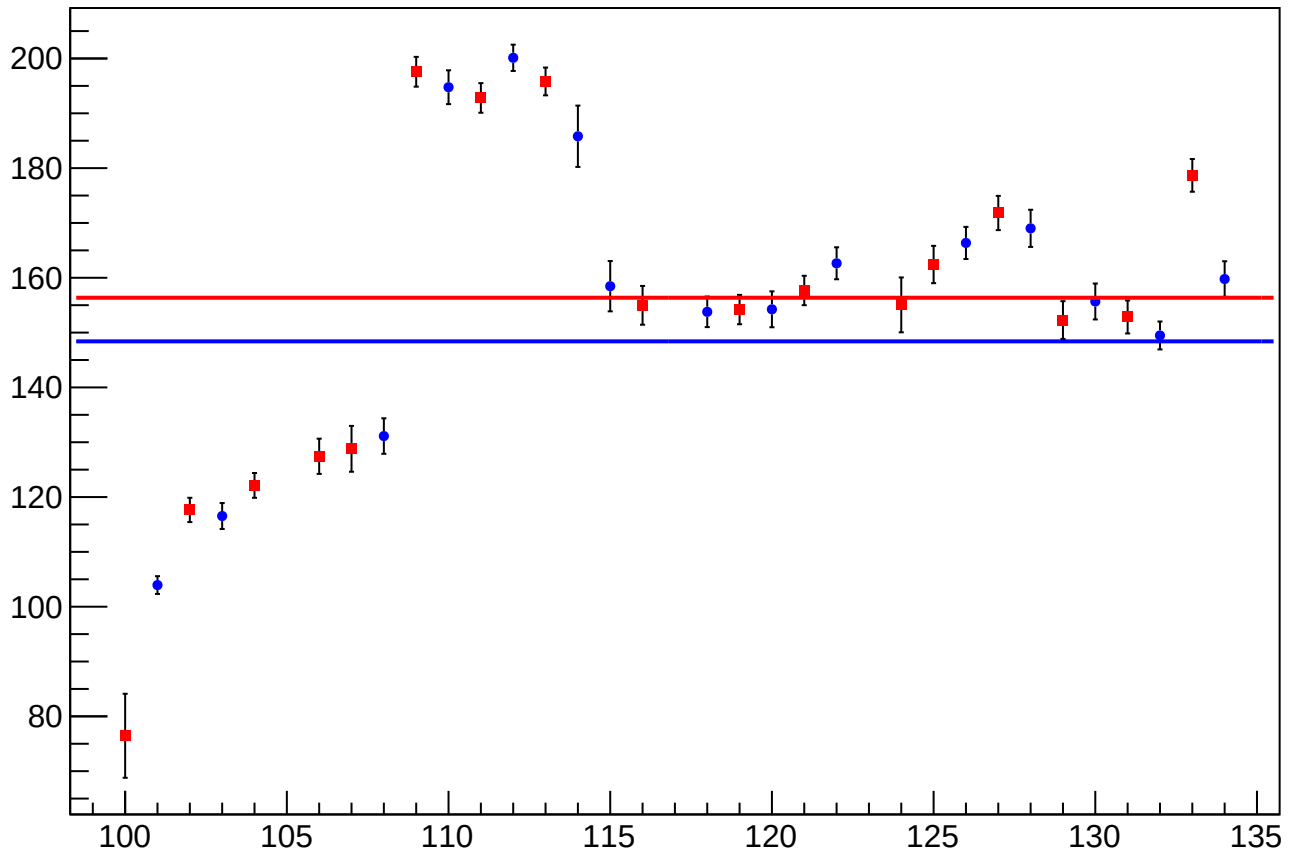
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 9.287 ± 0.470 χ^2/NDF : 367.5/31

- 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: 156.362 $\pm$ 0.727 χ^2 /NDF: 1509.8/16

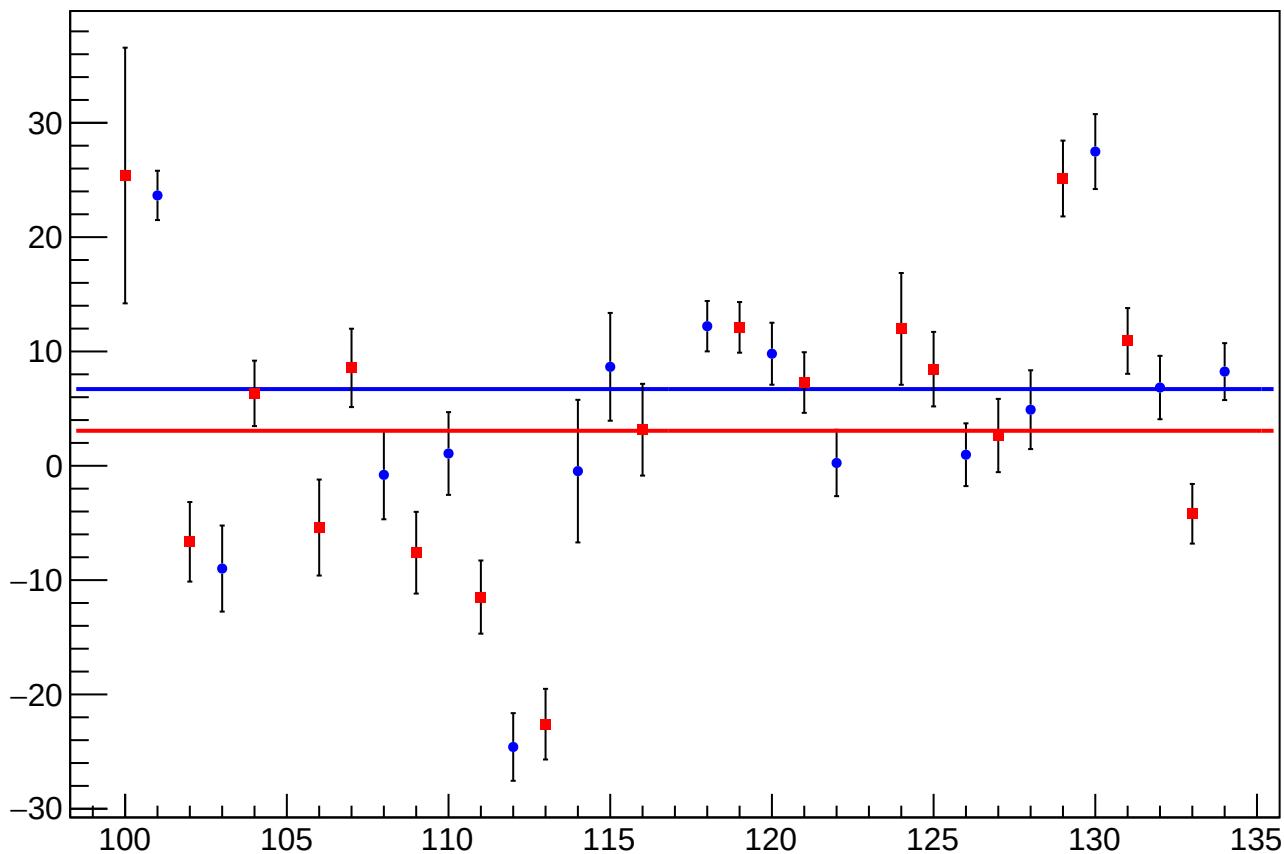
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 152.375 $\pm$ 0.514 χ^2 /NDF: 3396.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 6.710 $\pm$ 0.773 χ^2 /NDF: 256.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.062 $\pm$ 0.782 χ^2 /NDF: 203.1/16

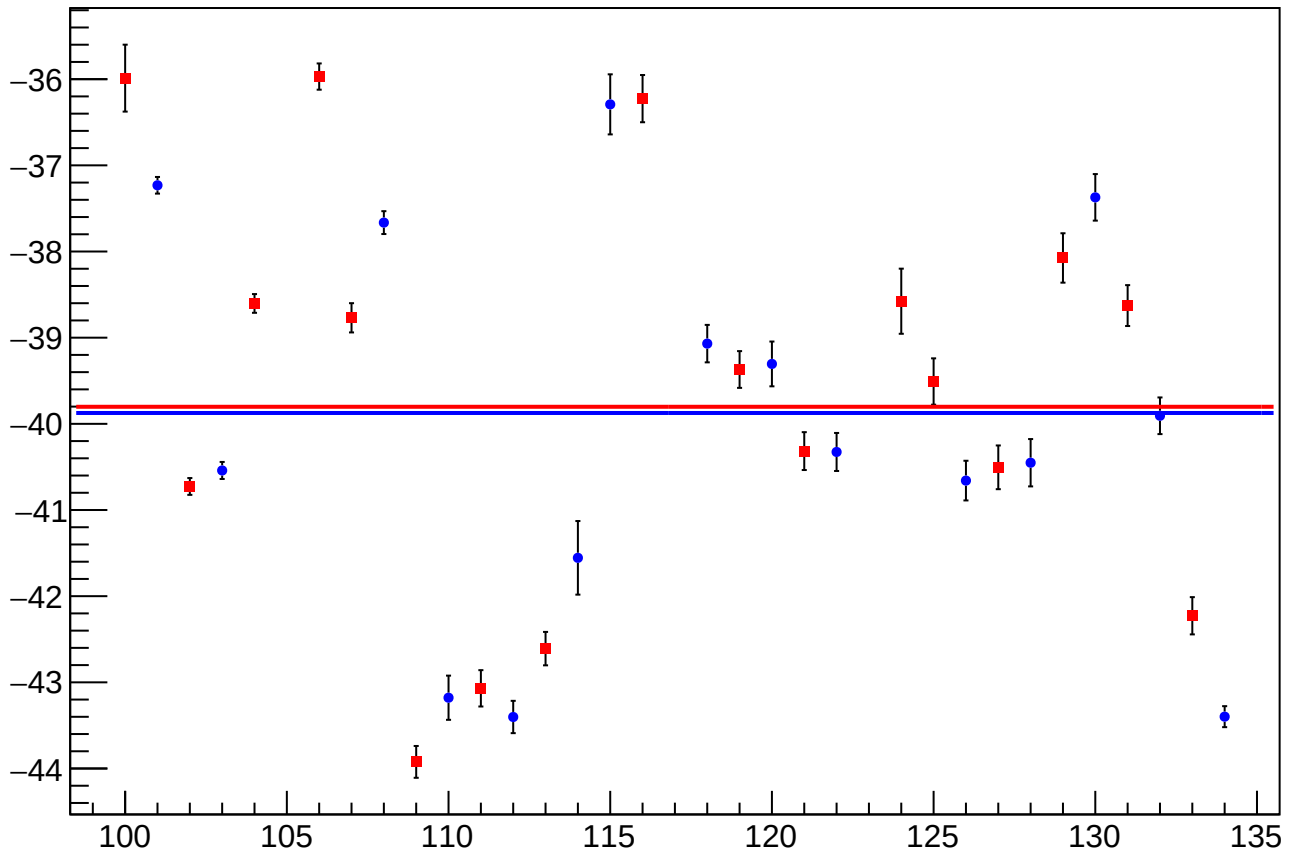
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.908 $\pm$ 0.550 χ^2 /NDF: 470.3/31

- sign 0.000 $\pm$ 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: -39.802 ± 0.045 $\chi^2/\text{NDF}: 2311.1/16$

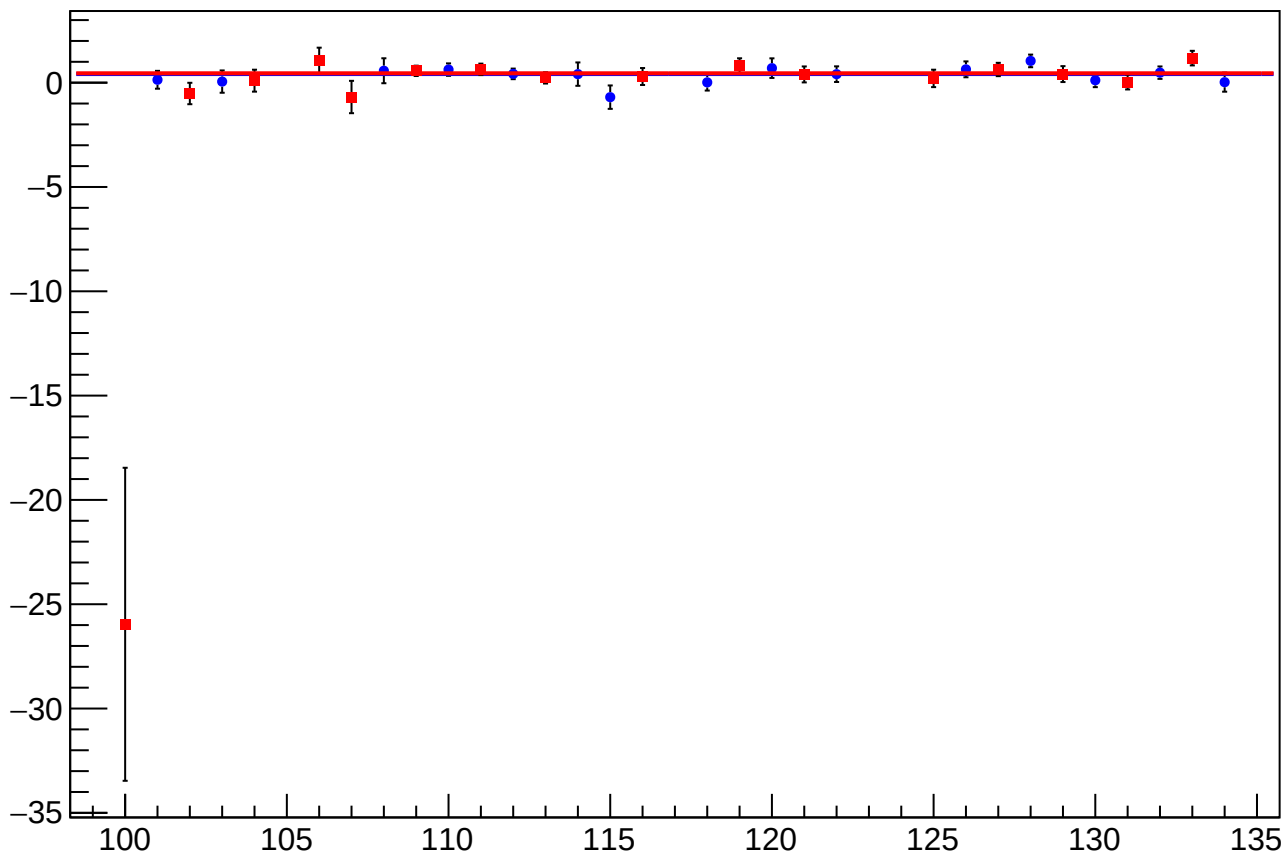
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -39.839 ± 0.031 $\chi^2/\text{NDF}: 4986.3/31$

- 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: 0.450 $\pm$ 0.093 χ^2 /NDF: 28.5/15

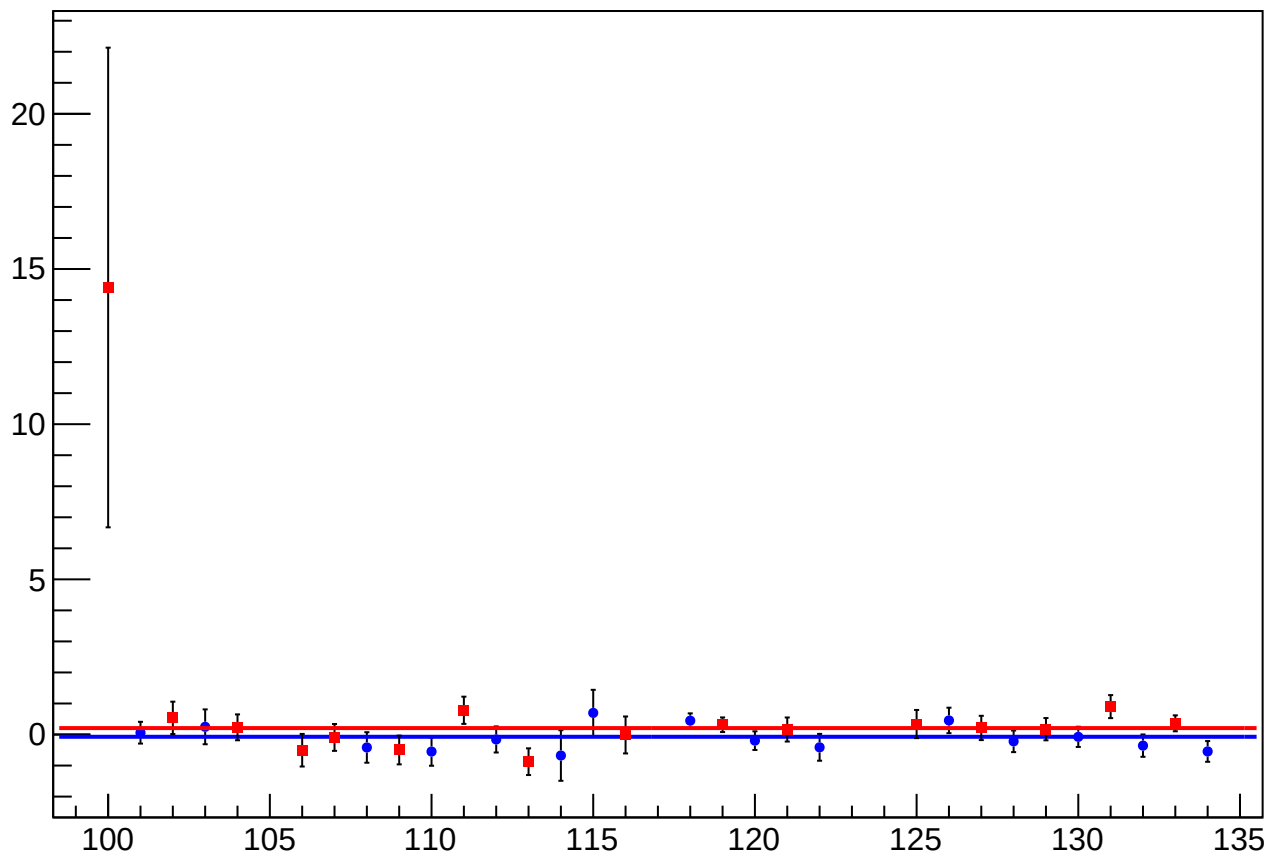
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.432 $\pm$ 0.067 χ^2 /NDF: 41.6/30

- 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: 0.207 ± 0.099 χ^2/NDF : 20.8/15

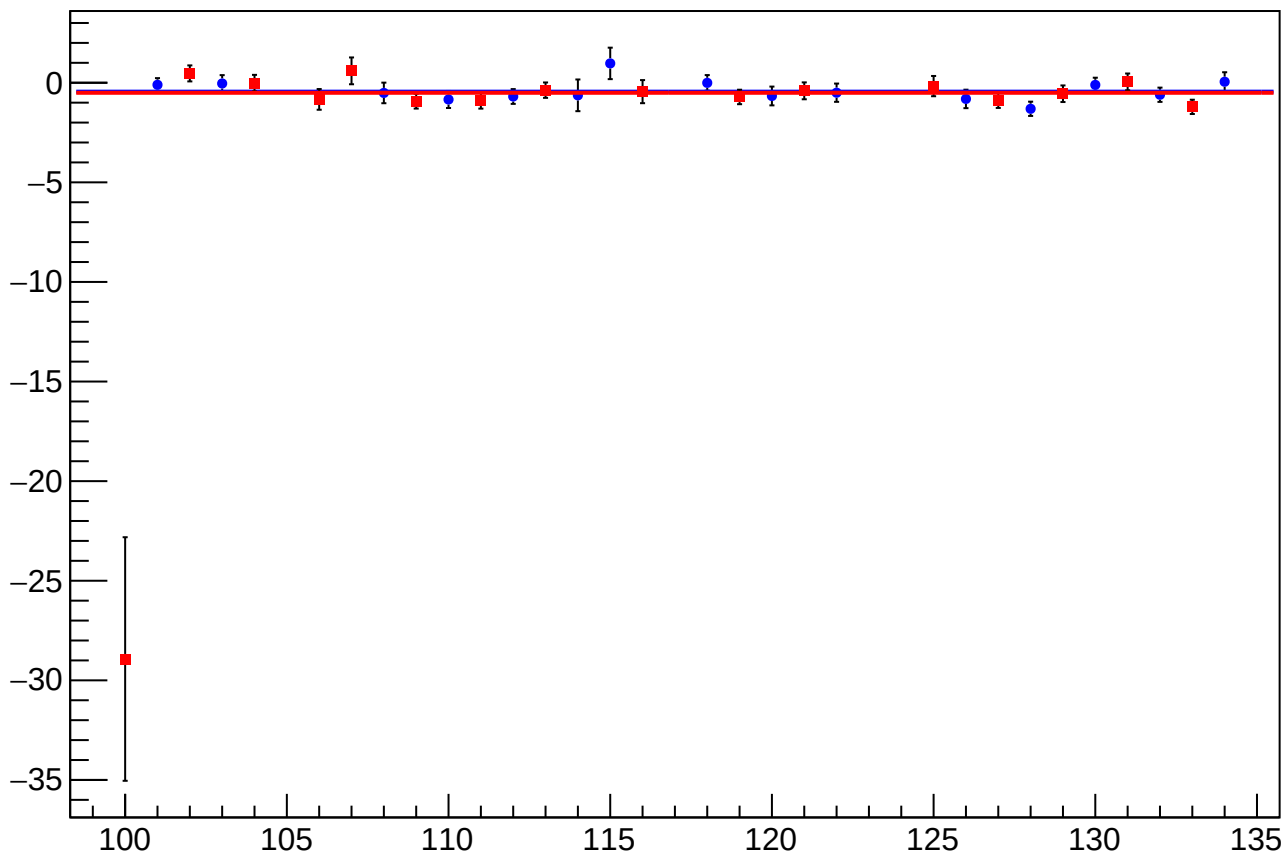
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.066 ± 0.070 χ^2/NDF : 38.6/30

- 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: -0.504 ± 0.109 χ^2/NDF : 41.6/15

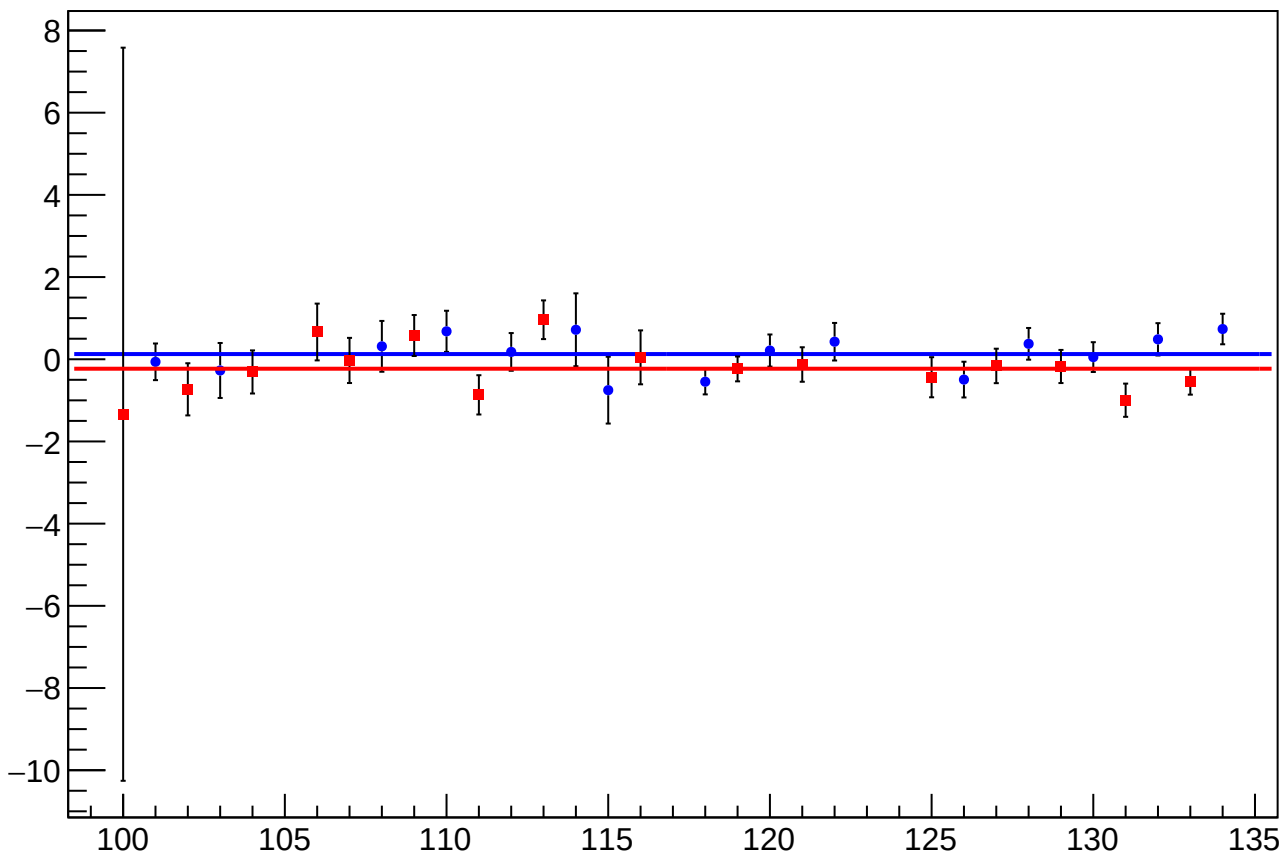
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.476 ± 0.078 χ^2/NDF : 58.3/30

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: 0.126+/-0.114 χ^2/NDF : 14.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.230+/-0.115 χ^2/NDF : 18.3/15

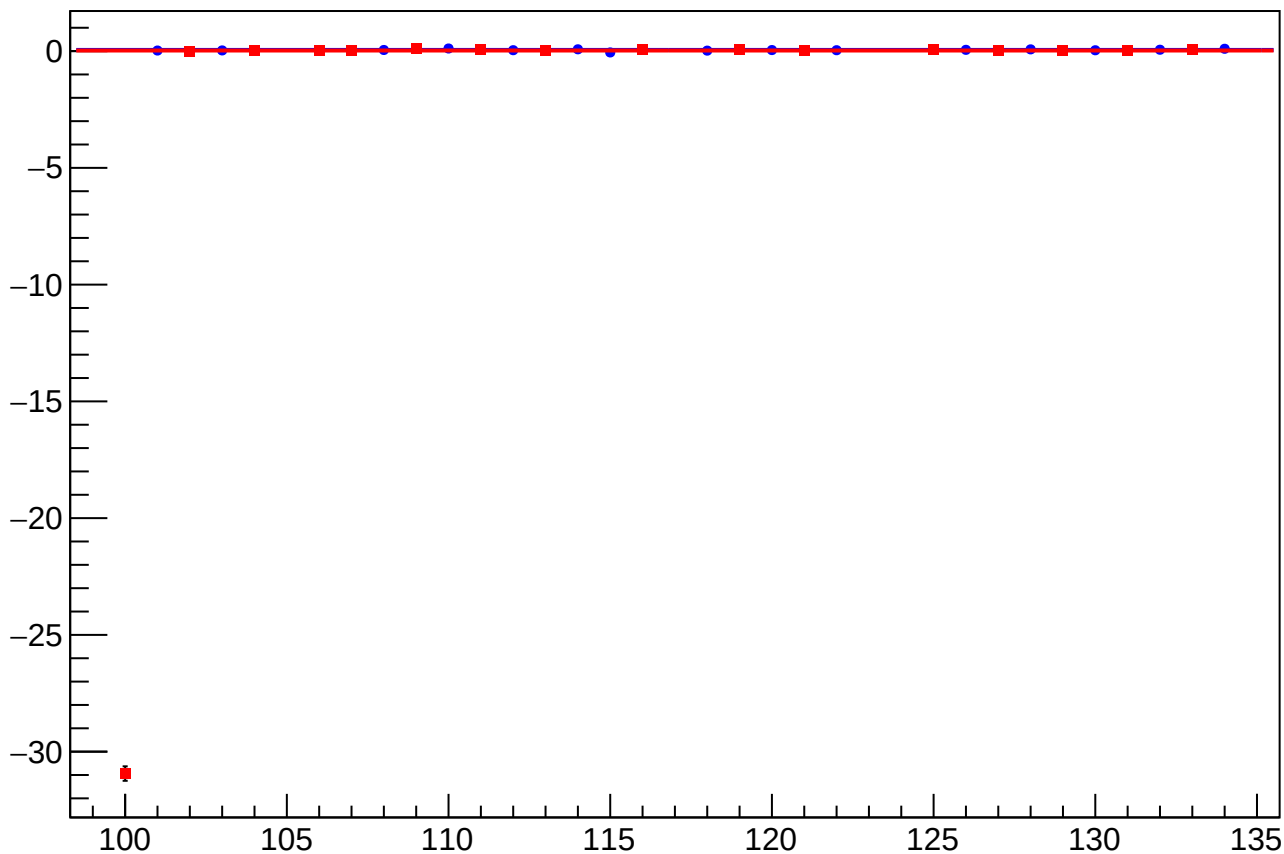
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.051+/-0.081 χ^2/NDF : 37.9/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: 0.050 $\pm$ 0.007 χ^2 /NDF: 18.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.026 $\pm$ 0.007 χ^2 /NDF: 10014.2/15

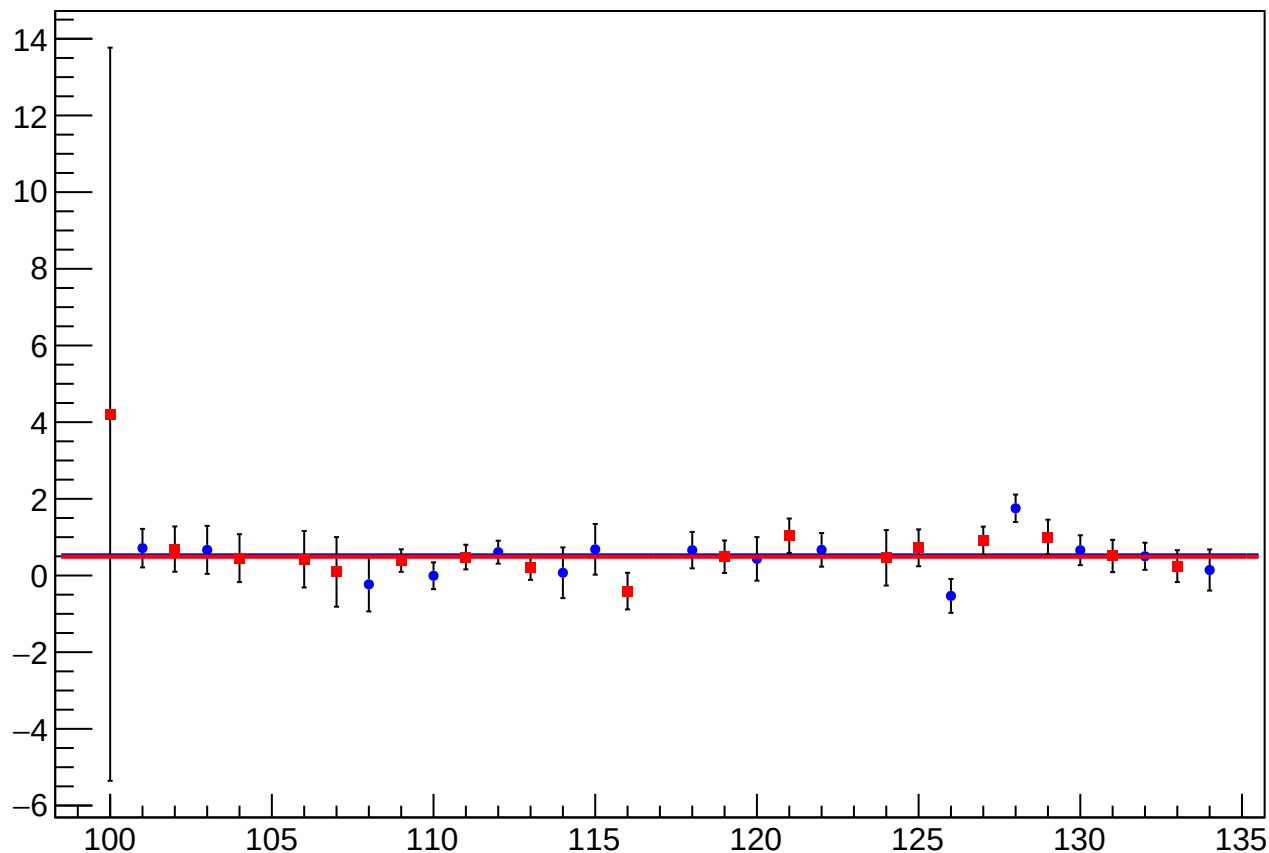
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.038 $\pm$ 0.005 χ^2 /NDF: 10039.1/30

- sign 0.000 $\pm$ 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: 0.488+/-0.109 χ^2/NDF : 9.5/16

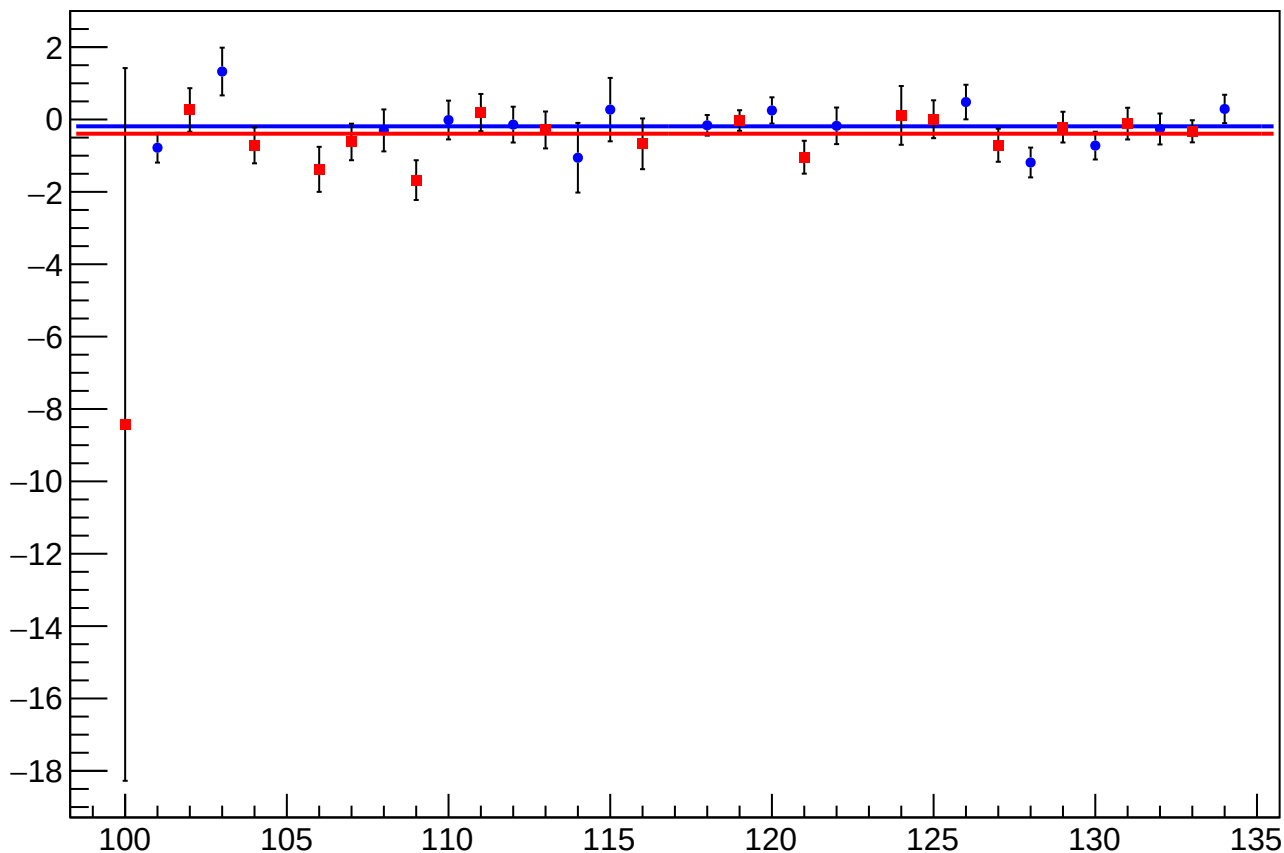
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.506+/-0.079 χ^2/NDF : 32.1/31

- 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: -0.393+/-0.116 χ^2/NDF : 17.7/16

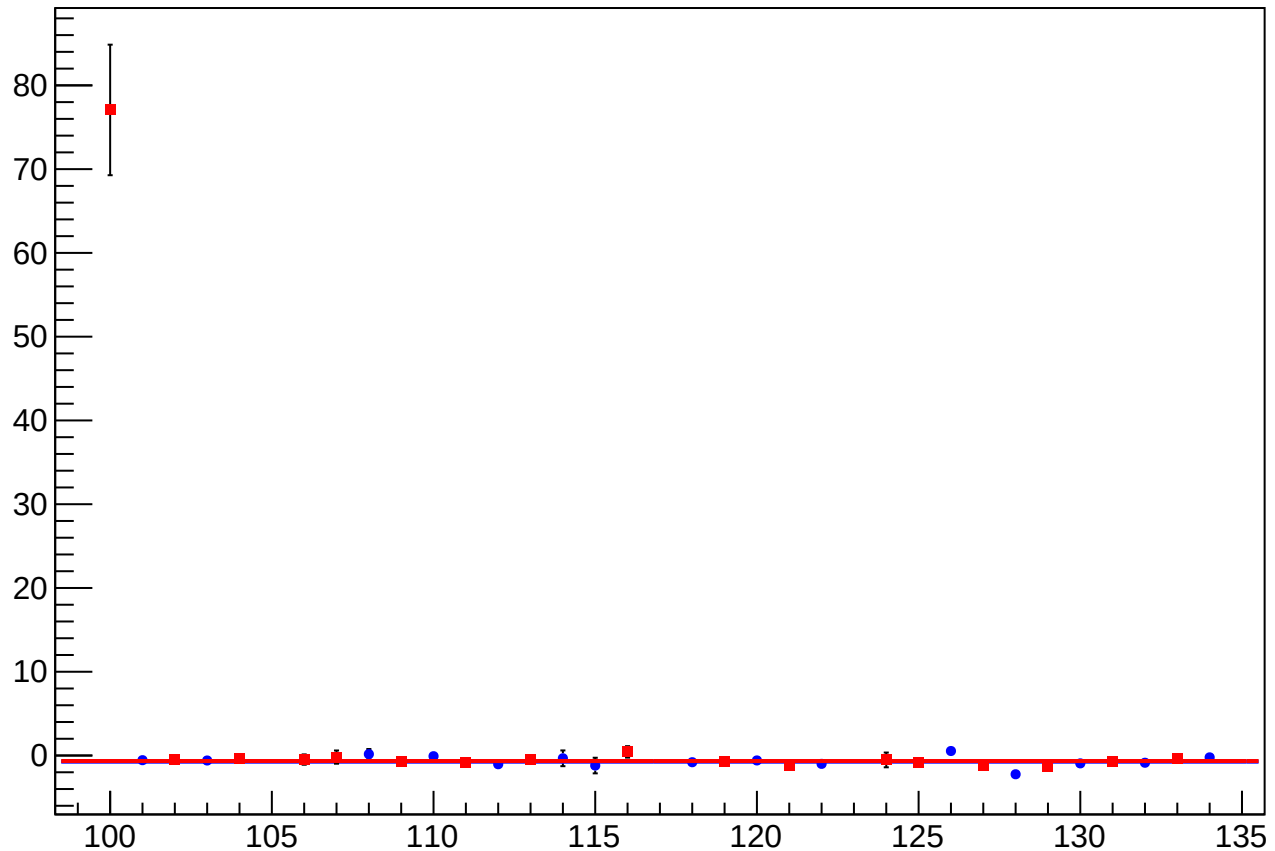
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.292+/-0.082 χ^2/NDF : 40.6/31

- 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: -0.656 ± 0.128 χ^2/NDF : 108.6/16

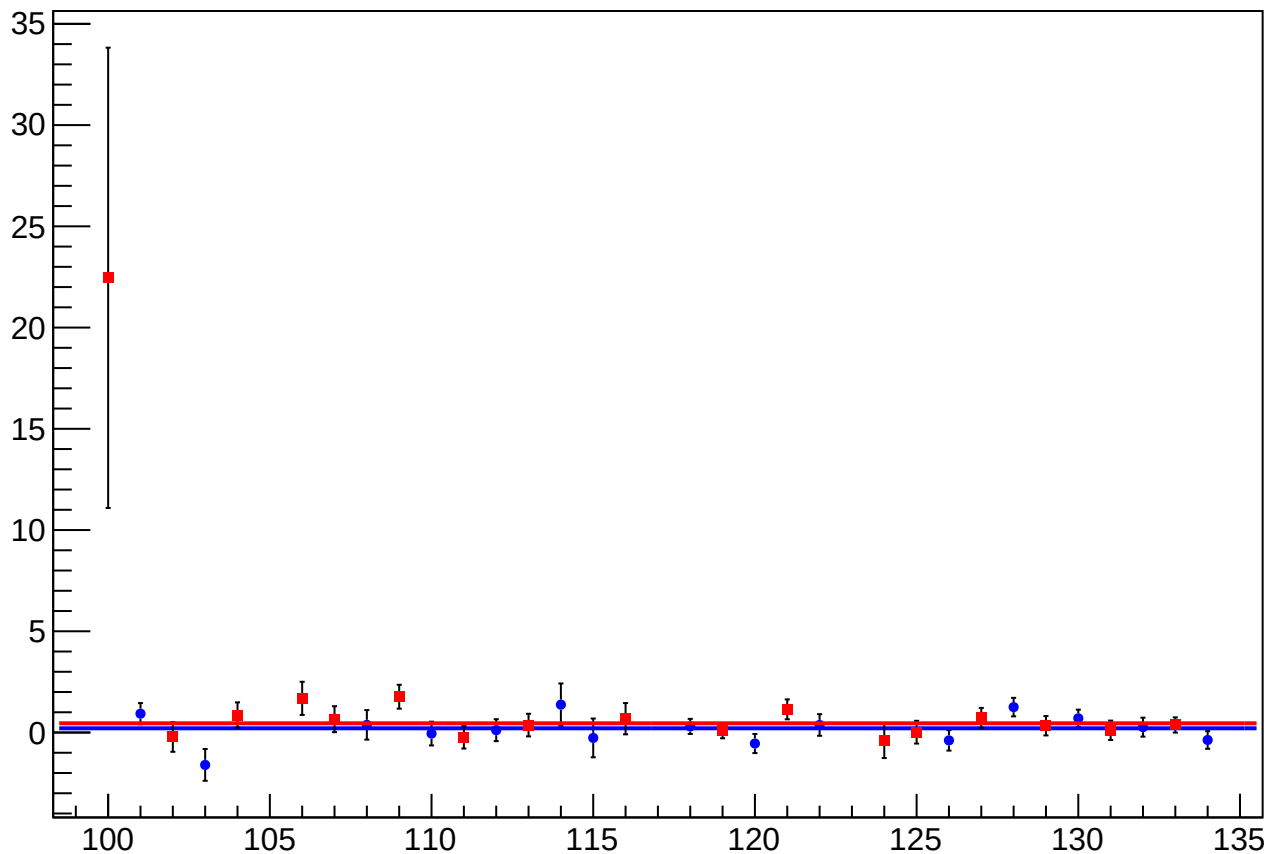
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.693 ± 0.091 χ^2/NDF : 133.5/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.208 $\pm$ 0.135 χ^2 /NDF: 21.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.455 $\pm$ 0.134 χ^2 /NDF: 19.5/16

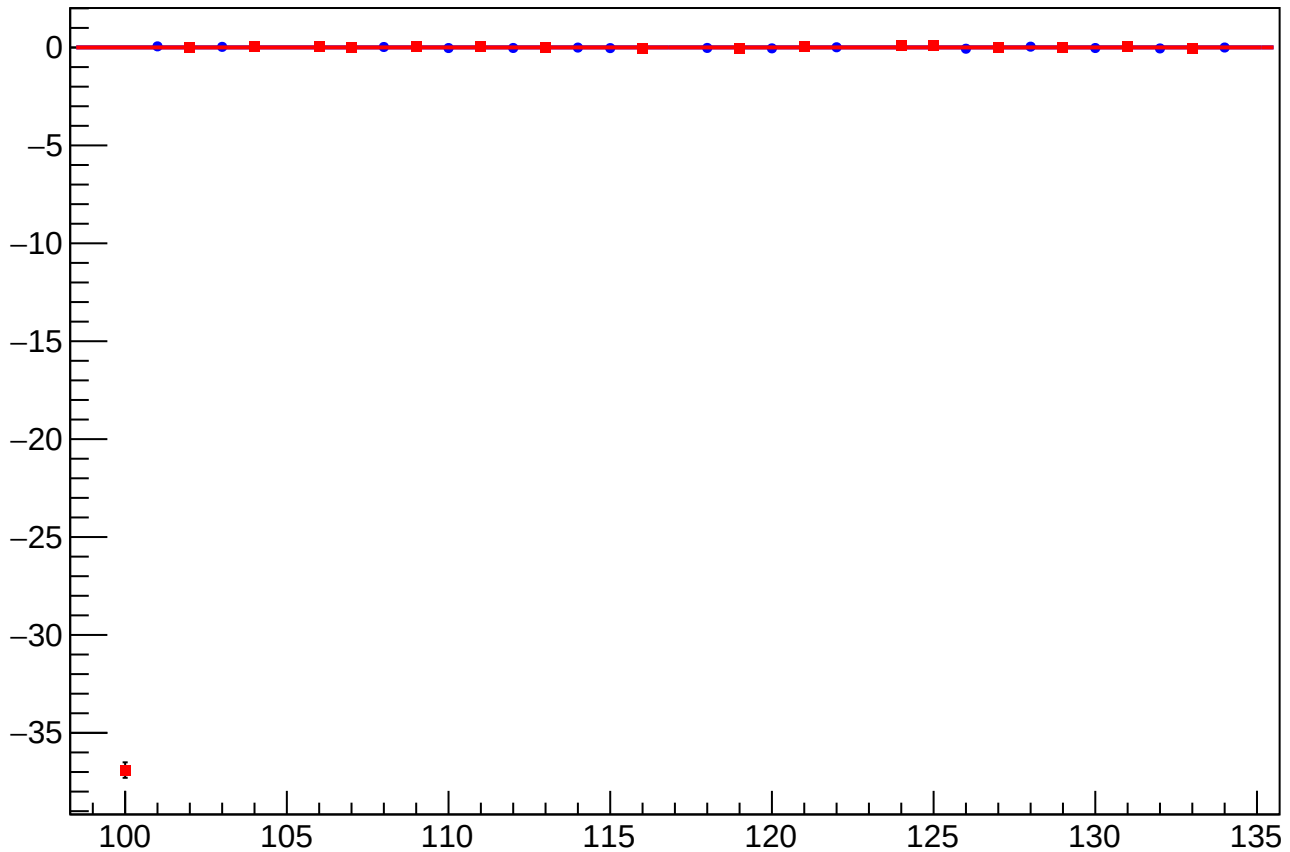
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.332 $\pm$ 0.095 χ^2 /NDF: 42.6/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.006 $\pm$ 0.008 χ^2 /NDF: 17.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.008 χ^2 /NDF: 8752.9/16

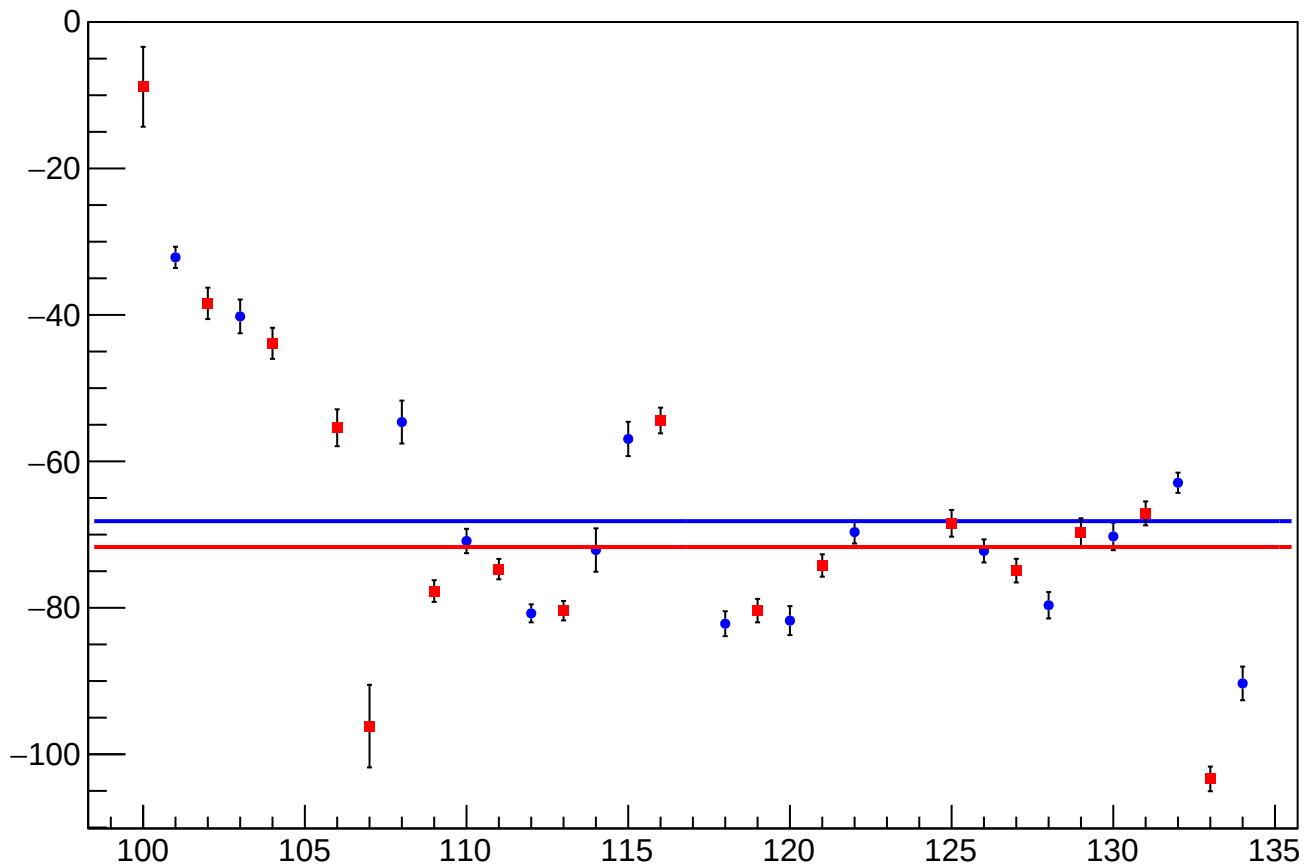
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.006 χ^2 /NDF: 8770.6/31

- sign 0.000 $\pm$ 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: -71.694 $\pm$ 0.446 χ^2 /NDF: 1169.3/15

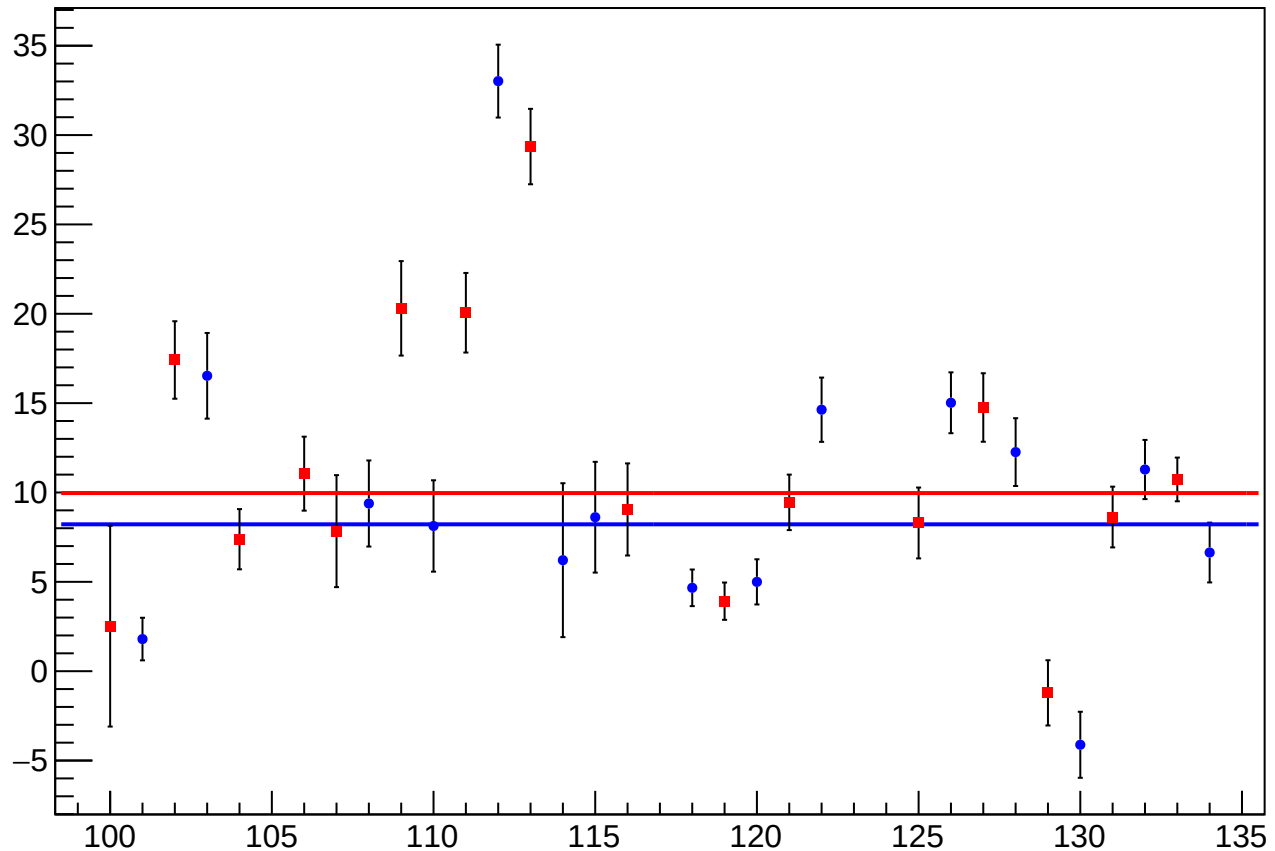
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -69.967 $\pm$ 0.319 χ^2 /NDF: 2383.5/30

- 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+/-0.442 χ^2/NDF : 290.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.968+/-0.455 χ^2/NDF : 216.2/15

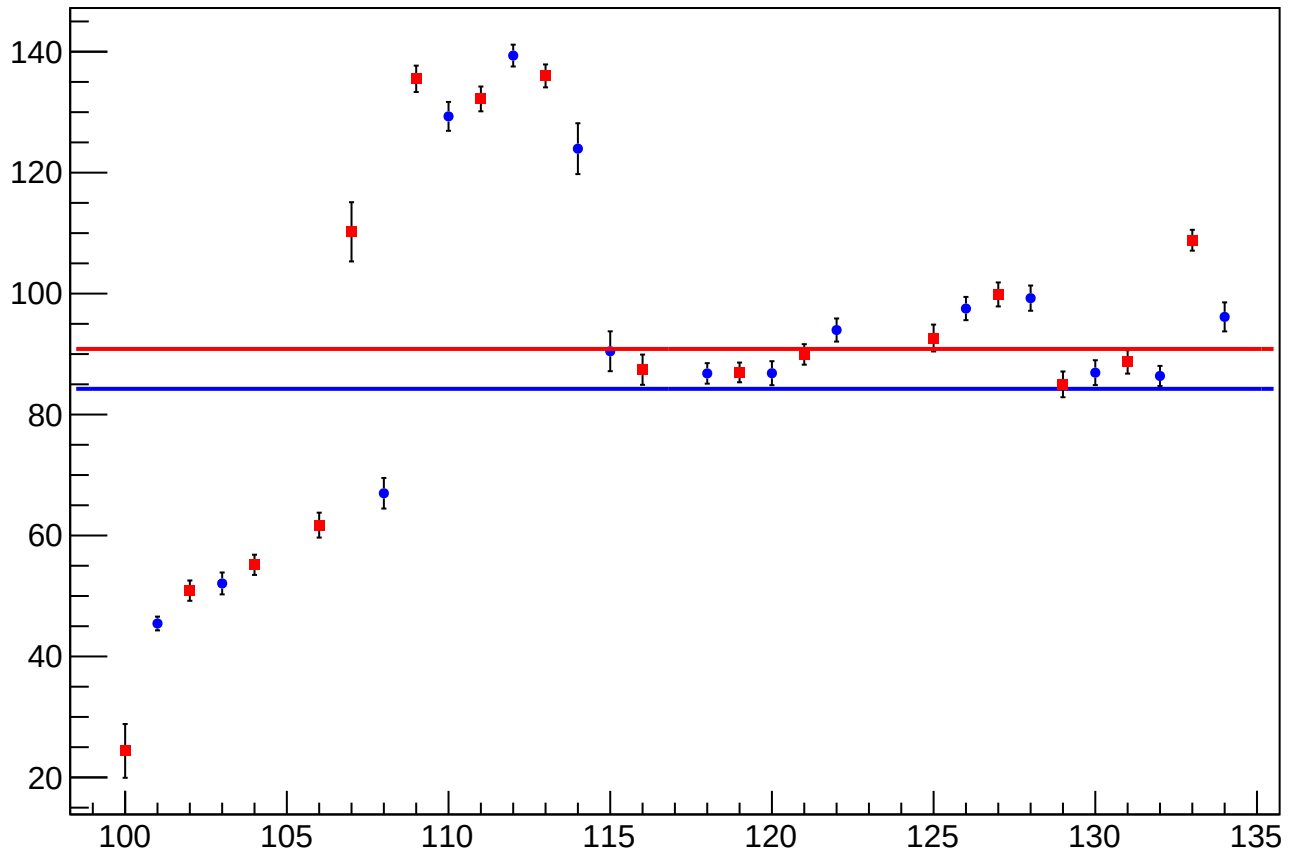
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.067+/-0.317 χ^2/NDF : 513.9/30

- sign 0.000+/-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: 90.848+/-0.504 χ^2 /NDF: 3000.6/15

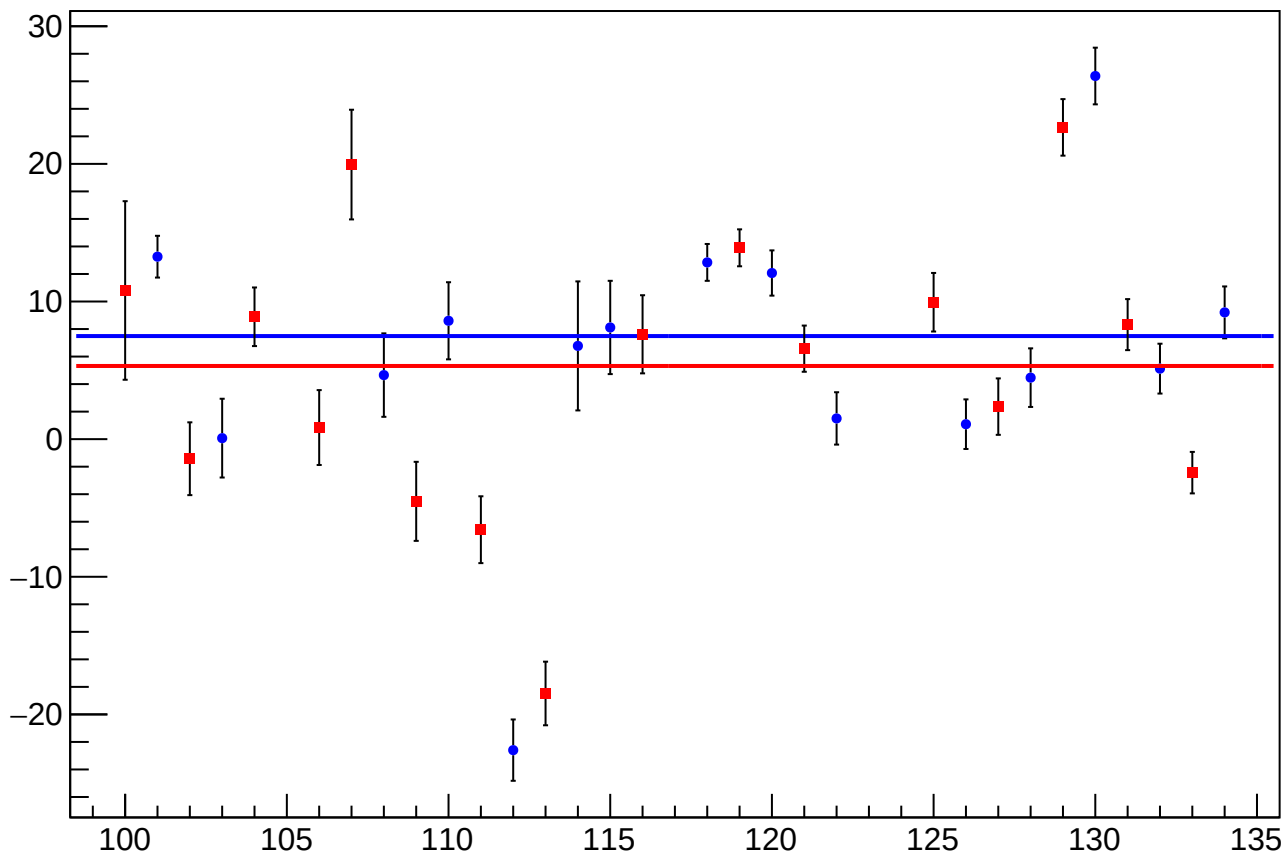
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 87.516+/-0.355 χ^2 /NDF: 6146.4/30

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 7.490+/-0.521 χ^2/NDF : 339.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.316+/-0.533 χ^2/NDF : 317.2/15

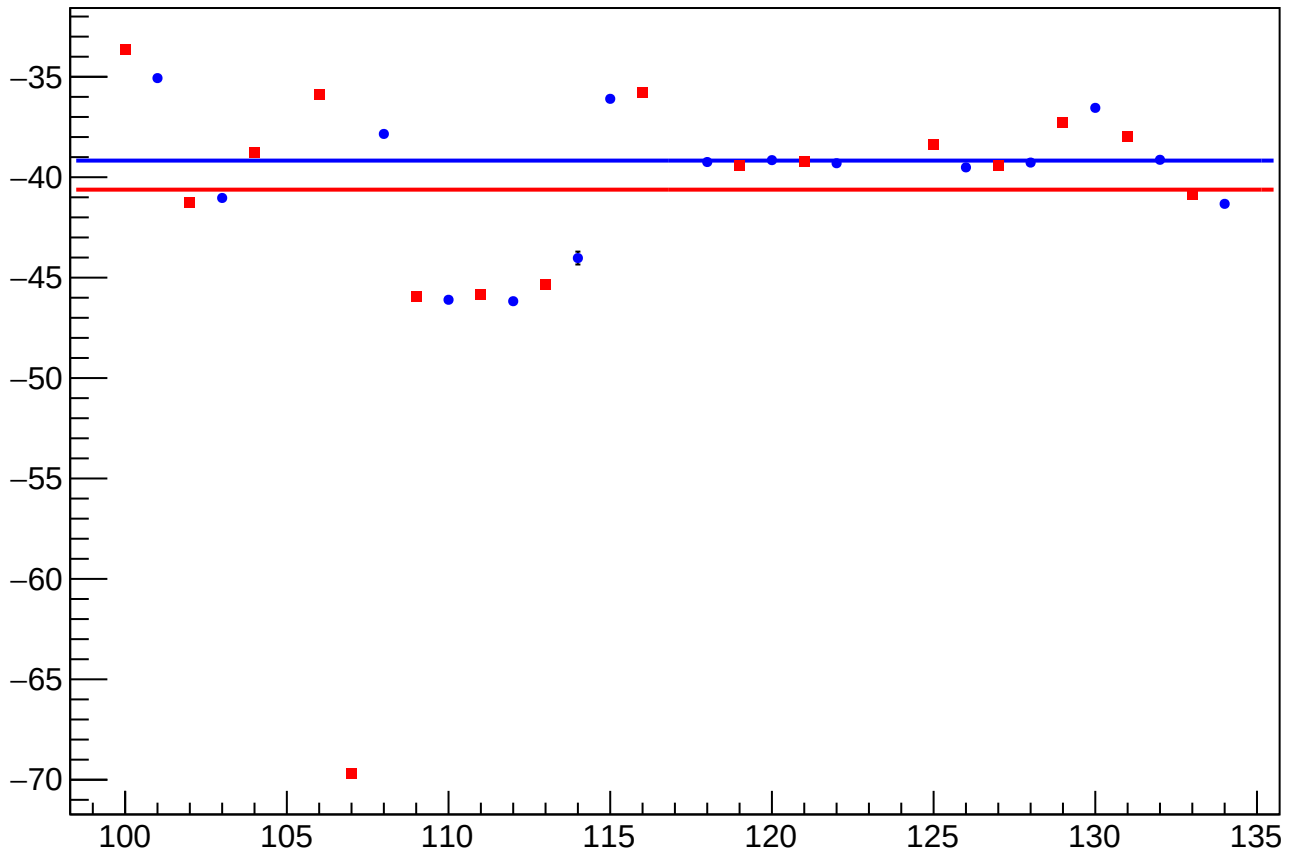
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.427+/-0.373 χ^2/NDF : 665.3/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -39.172 $\pm$ 0.032 χ^2 /NDF: 9224.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -40.619 $\pm$ 0.032 χ^2 /NDF: 30413.9/15

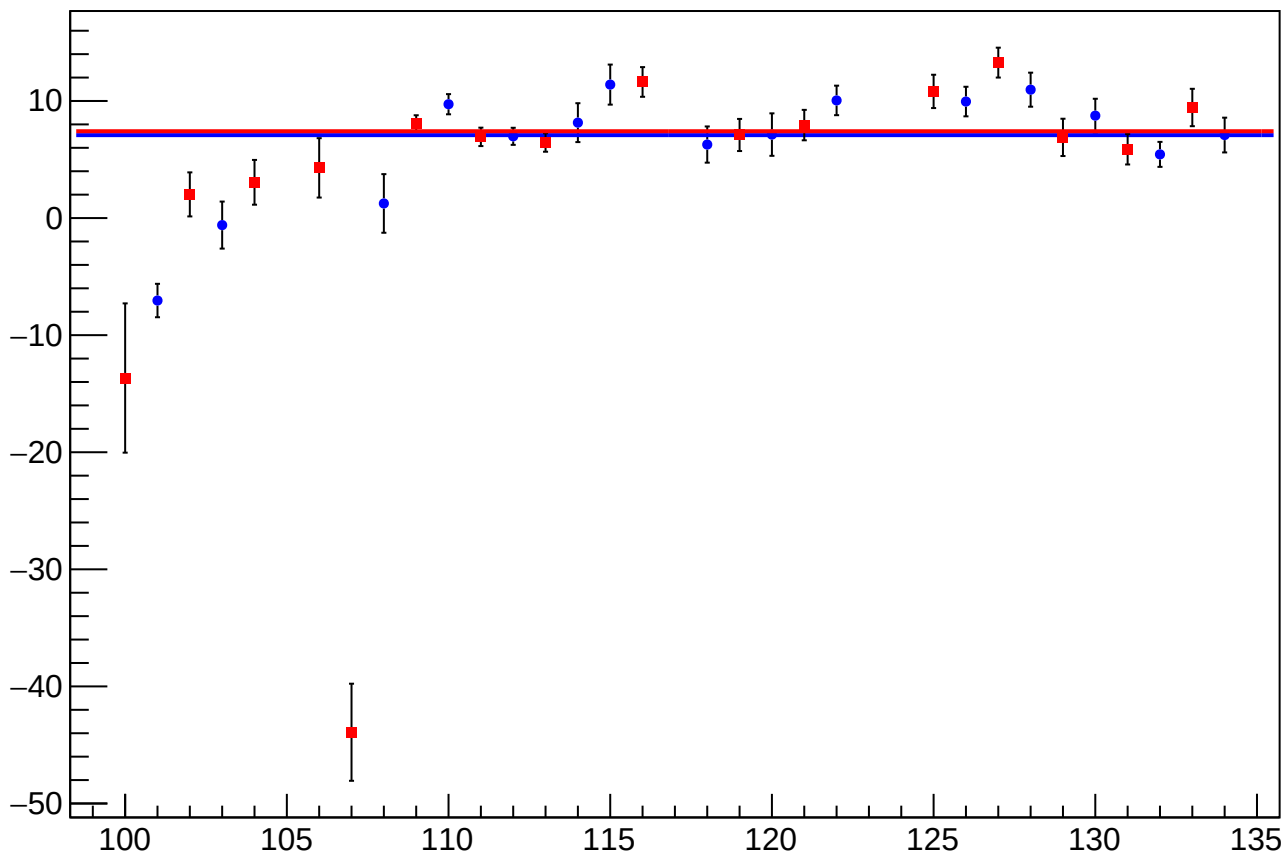
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -39.882 $\pm$ 0.023 χ^2 /NDF: 40668.6/30

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 7.083+/-0.332 χ^2/NDF : 155.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.417+/-0.312 χ^2/NDF : 223.1/15

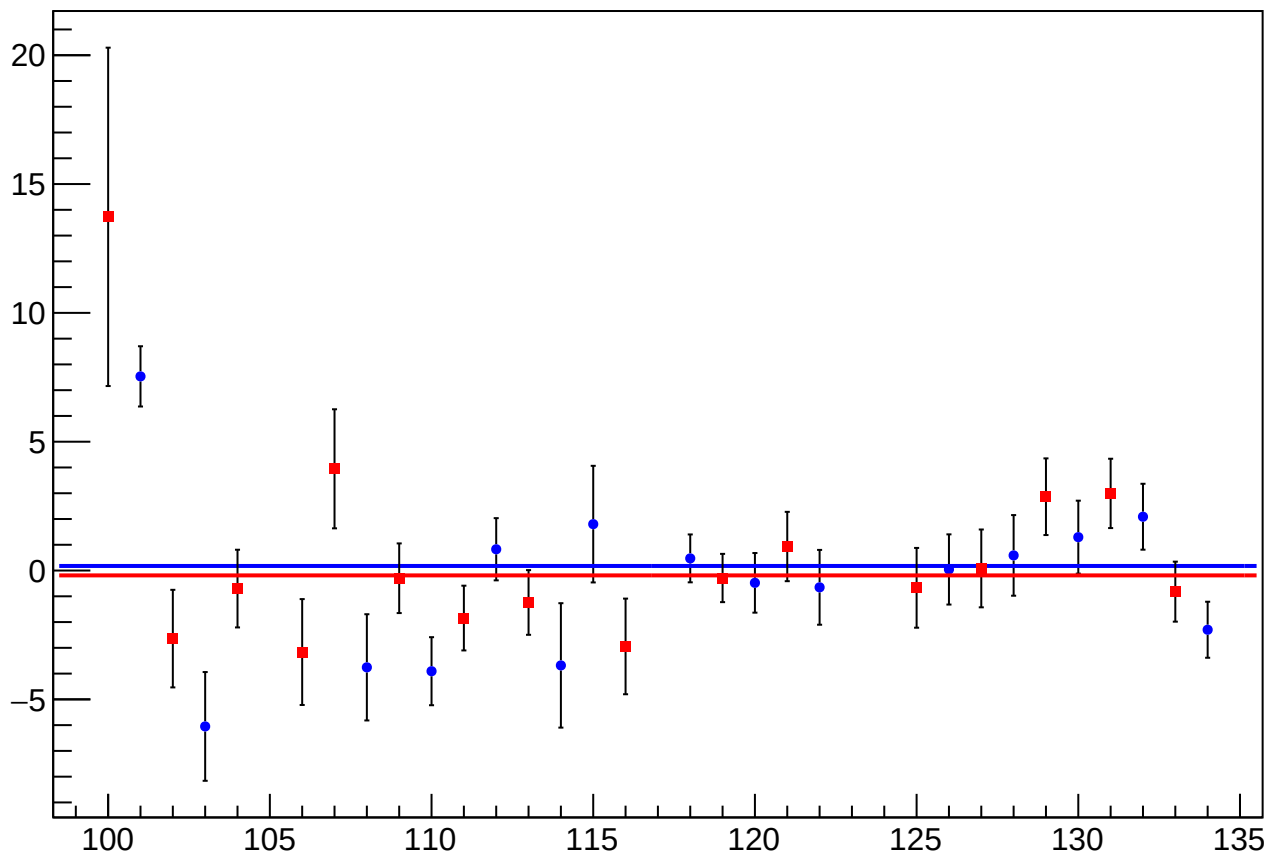
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.260+/-0.227 χ^2/NDF : 379.5/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.178 $\pm$ 0.351 χ^2 /NDF: 73.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.188 $\pm$ 0.364 χ^2 /NDF: 27.2/15

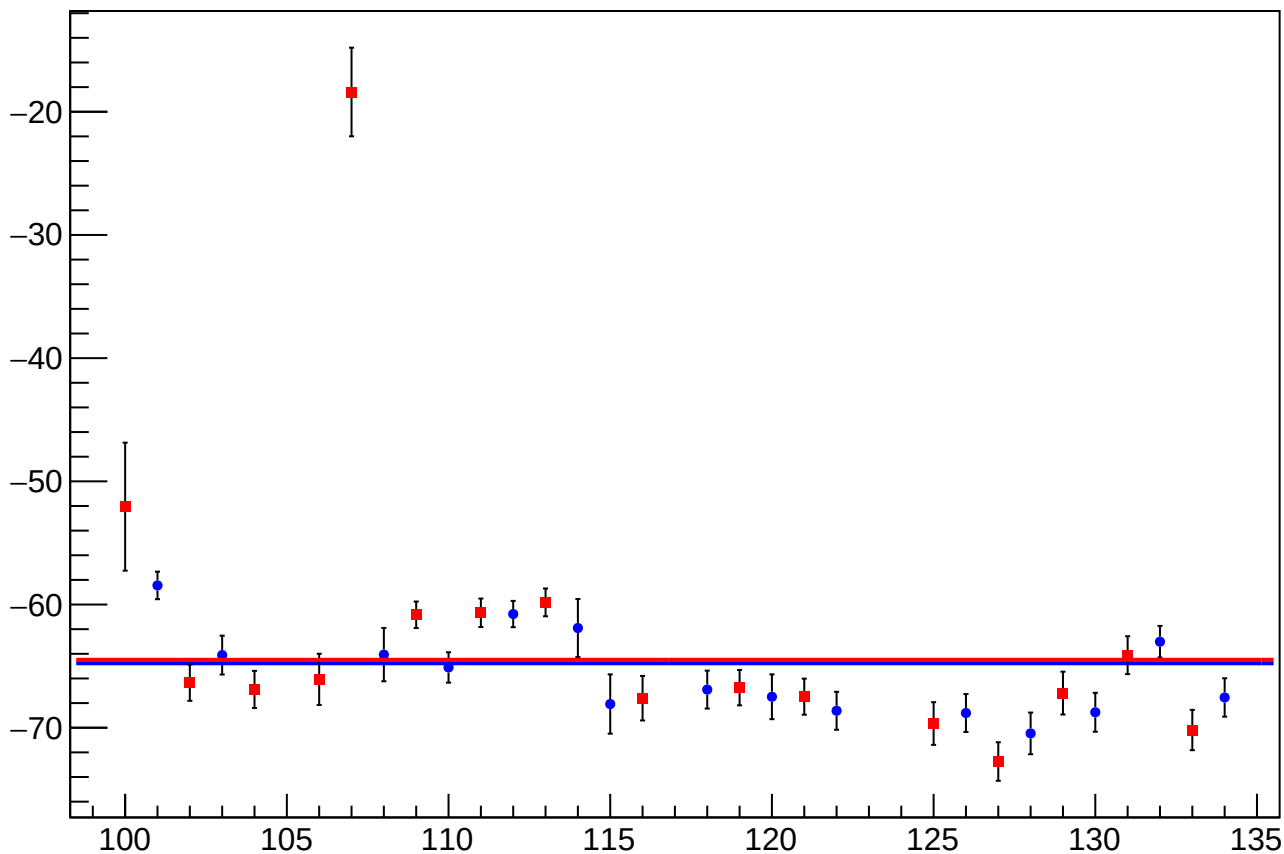
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.253 χ^2 /NDF: 101.4/30

- sign 0.000 $\pm$ 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: -64.483 ± 0.384 χ^2/NDF : 275.1/15

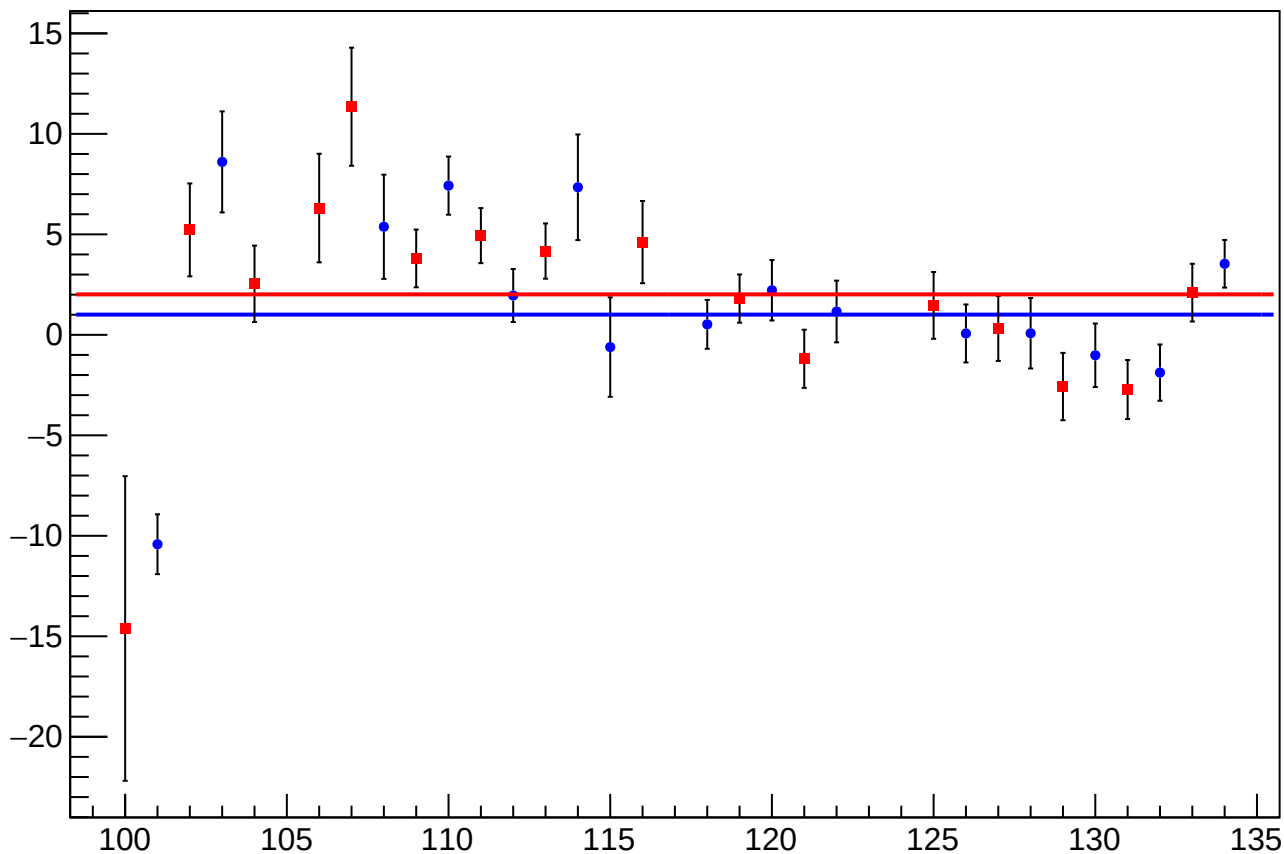
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -64.625 ± 0.273 χ^2/NDF : 365.1/30

- 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: 2.014 $\pm$ 0.417 χ^2 /NDF: 53.7/15

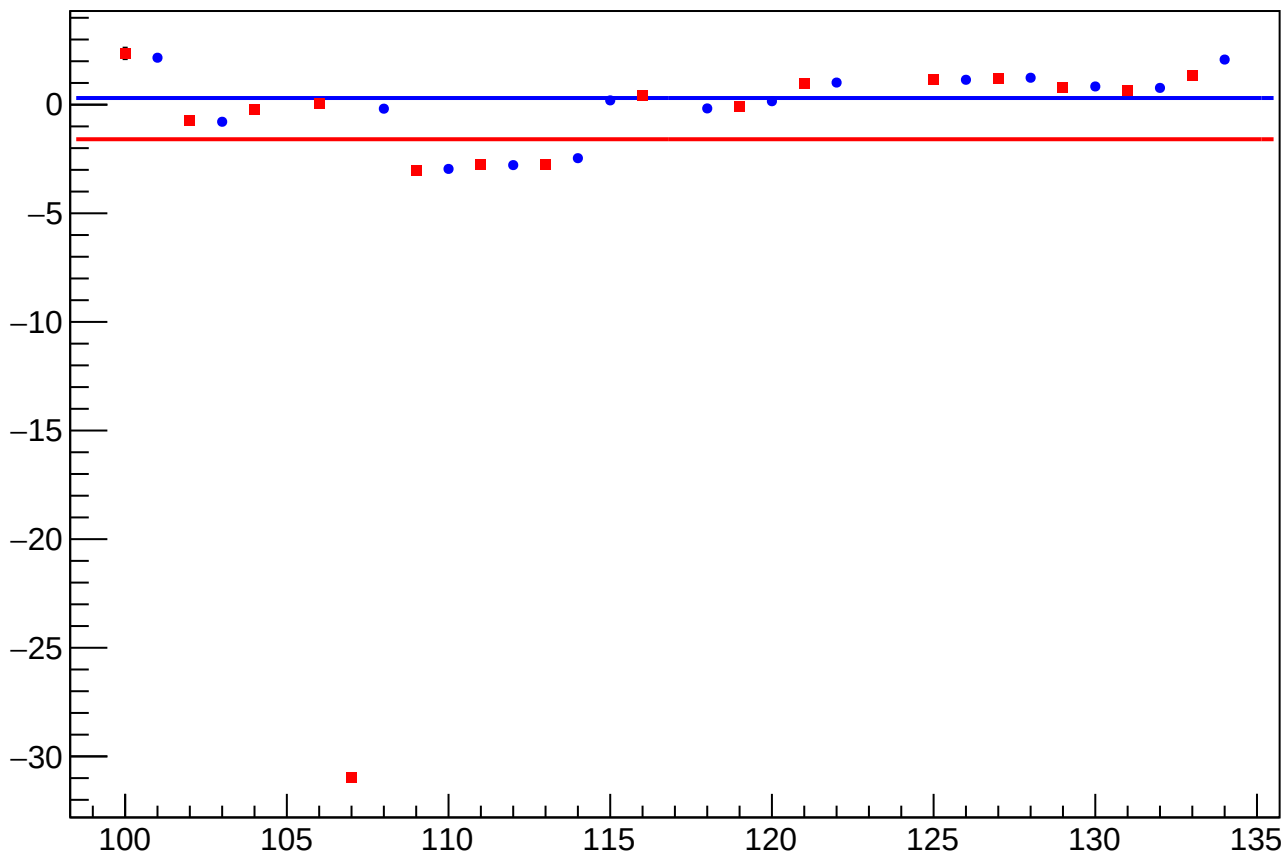
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.495 $\pm$ 0.291 χ^2 /NDF: 165.9/30

- 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: -1.591 $\pm$ 0.026 χ^2 /NDF: 45075.8/15

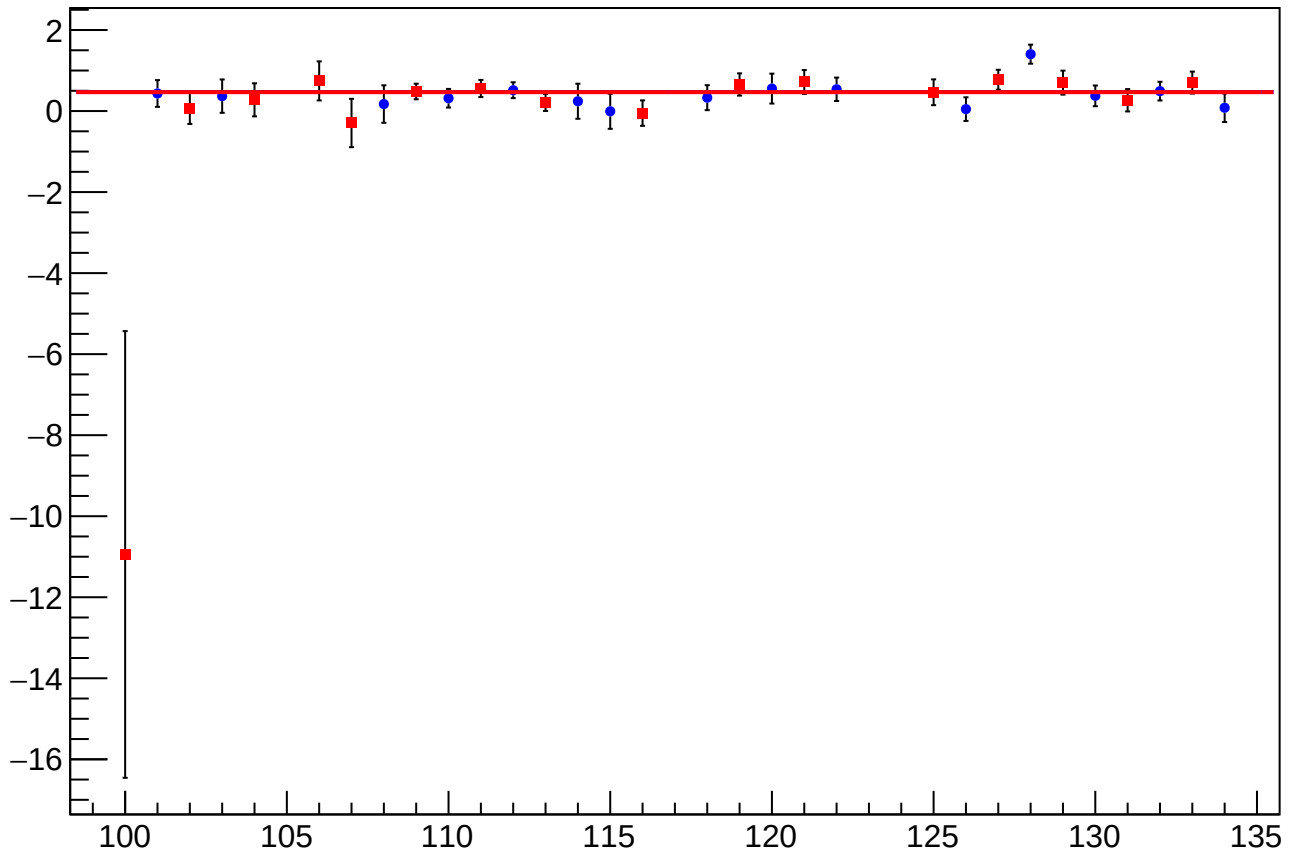
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.597 $\pm$ 0.018 χ^2 /NDF: 52755.6/30

- 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: 0.467 $\pm$ 0.072 χ^2 /NDF: 16.5/15

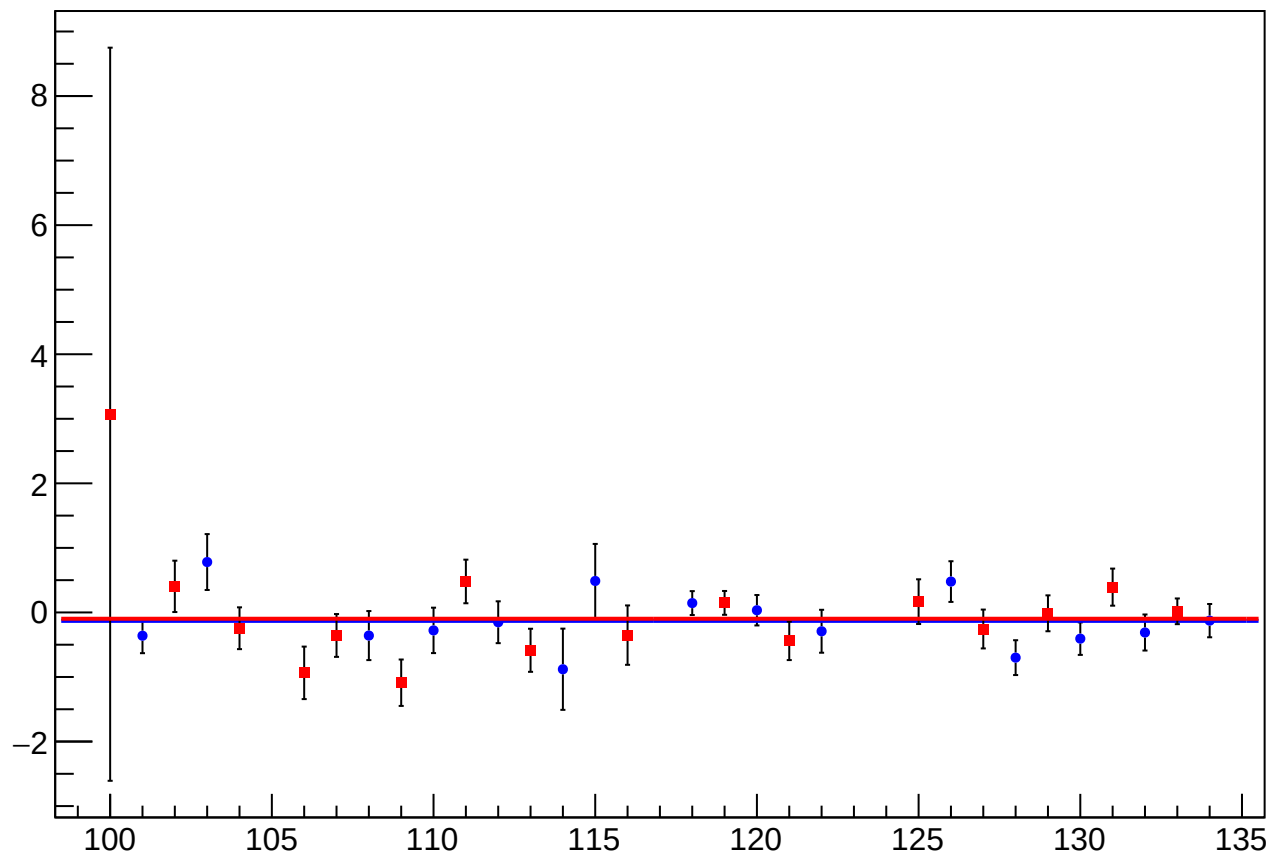
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.468 $\pm$ 0.052 χ^2 /NDF: 38.6/30

- 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: -0.098 ± 0.076 χ^2/NDF : 27.2/15

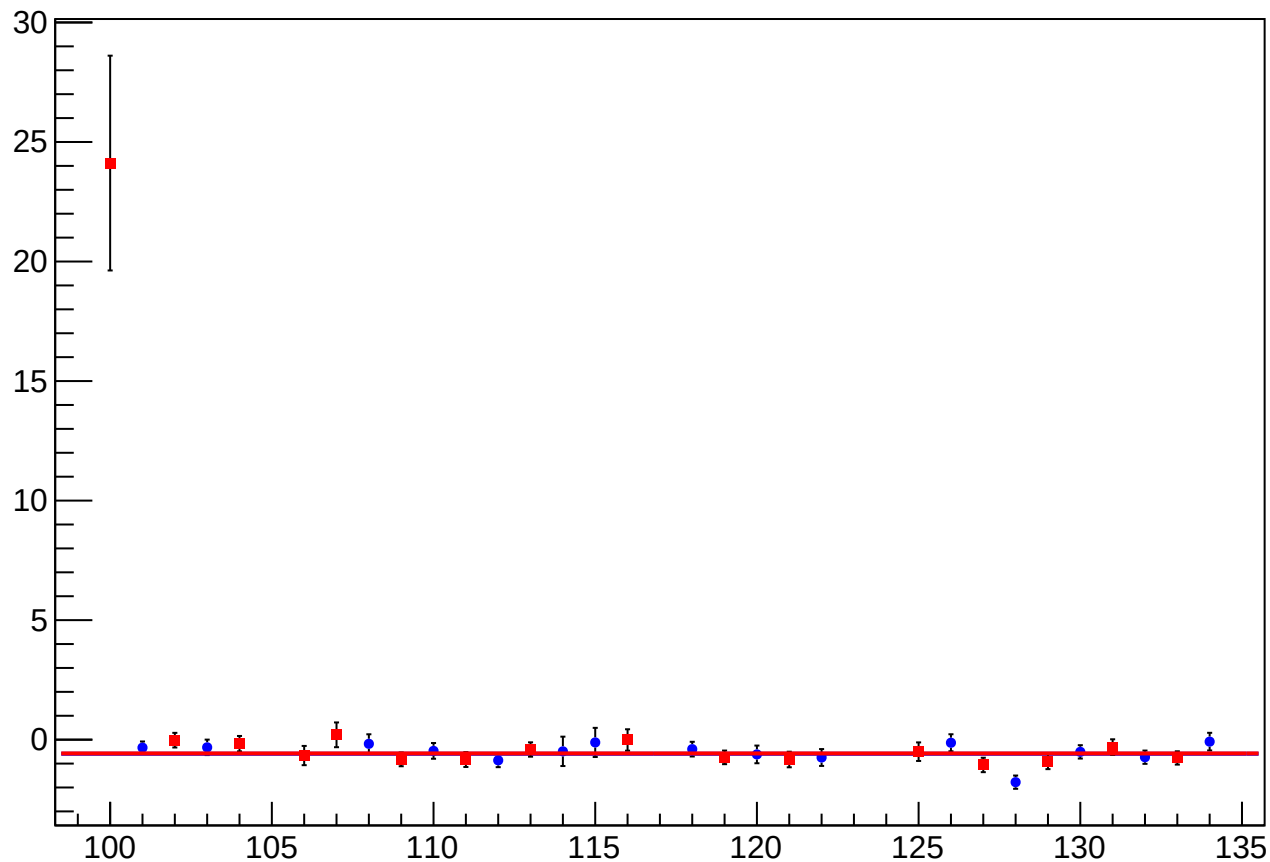
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.114 ± 0.054 χ^2/NDF : 48.3/30

- 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: -0.575 ± 0.085 χ^2/NDF : 46.4/15

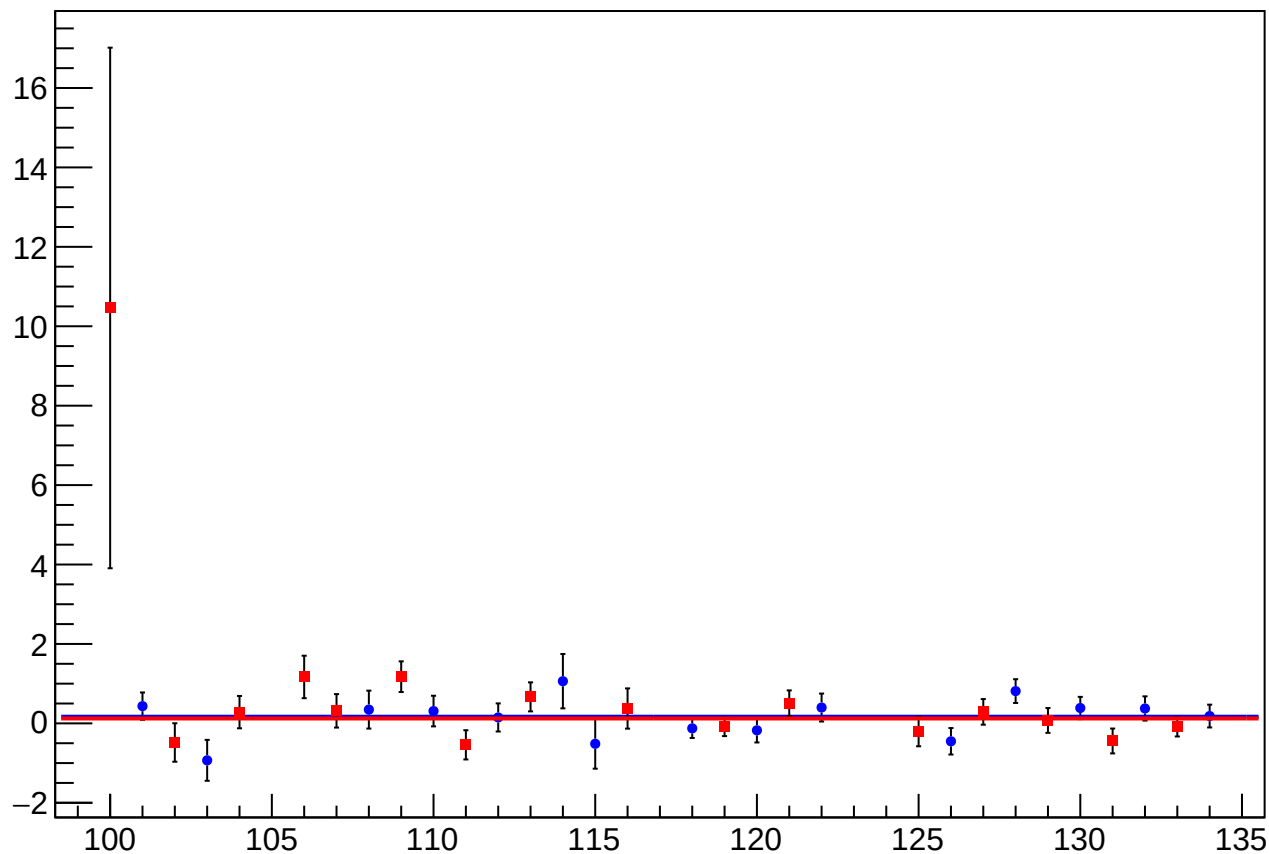
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.582 ± 0.060 χ^2/NDF : 73.7/30

- 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: 0.123+/-0.089 χ^2/NDF : 28.6/15

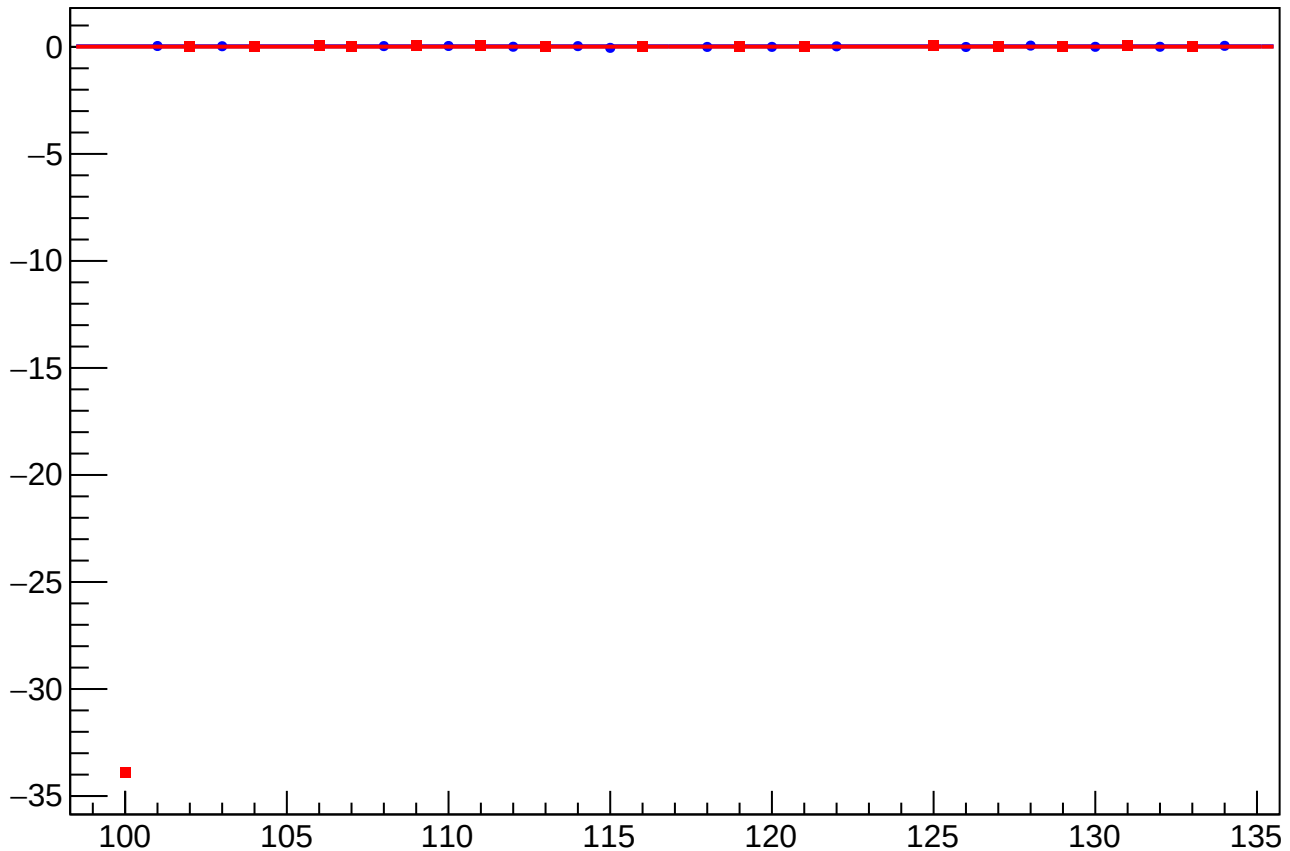
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.145+/-0.063 χ^2/NDF : 49.4/30

- 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: 0.011 $\pm$ 0.005 χ^2 /NDF: 22260.1/15

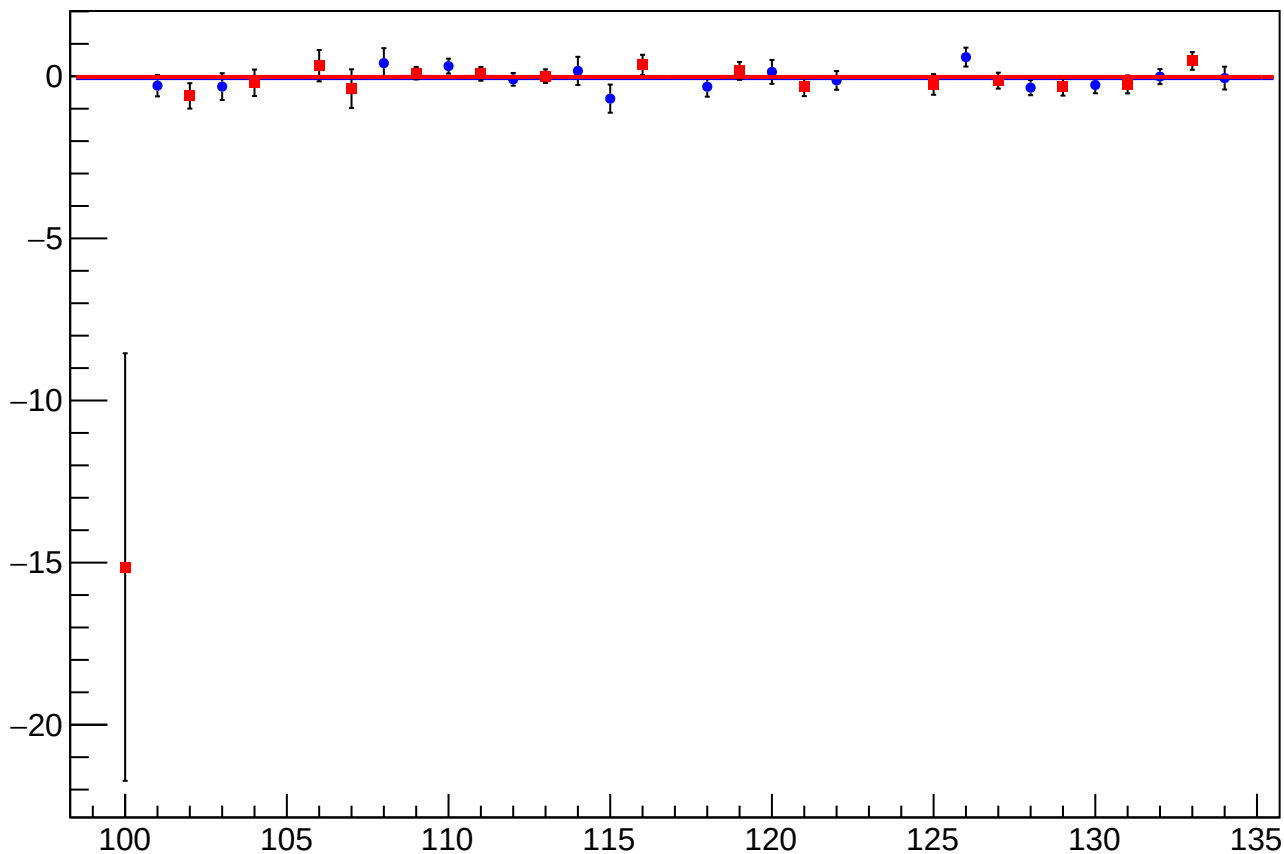
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.020 $\pm$ 0.004 χ^2 /NDF: 22279.8/30

- 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 $\pm$ 0.075 χ^2/NDF : 15.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.020 $\pm$ 0.072 χ^2/NDF : 17.6/15

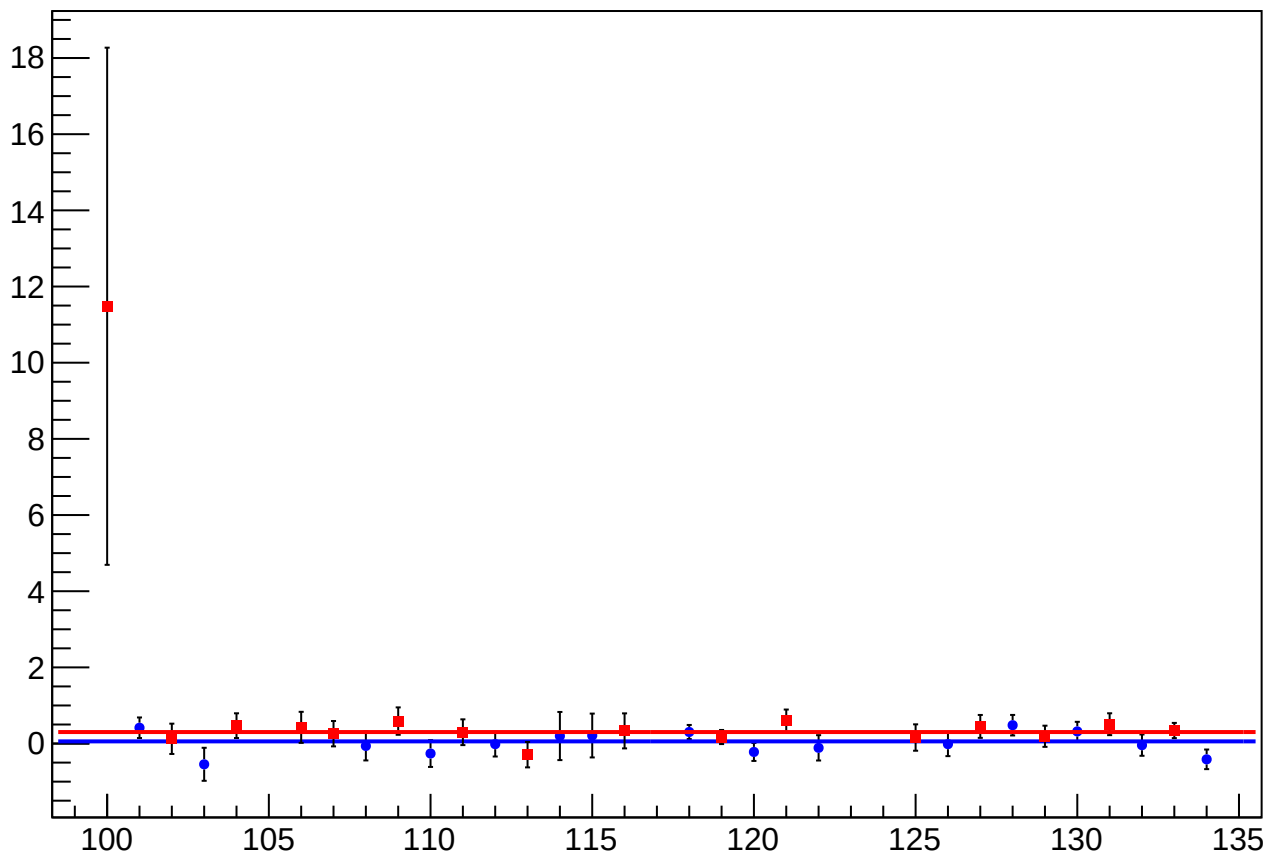
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.038 $\pm$ 0.052 χ^2/NDF : 33.0/30

- sign 0.000 $\pm$ 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: 0.302 $\pm$ 0.076 χ^2 /NDF: 9.7/15

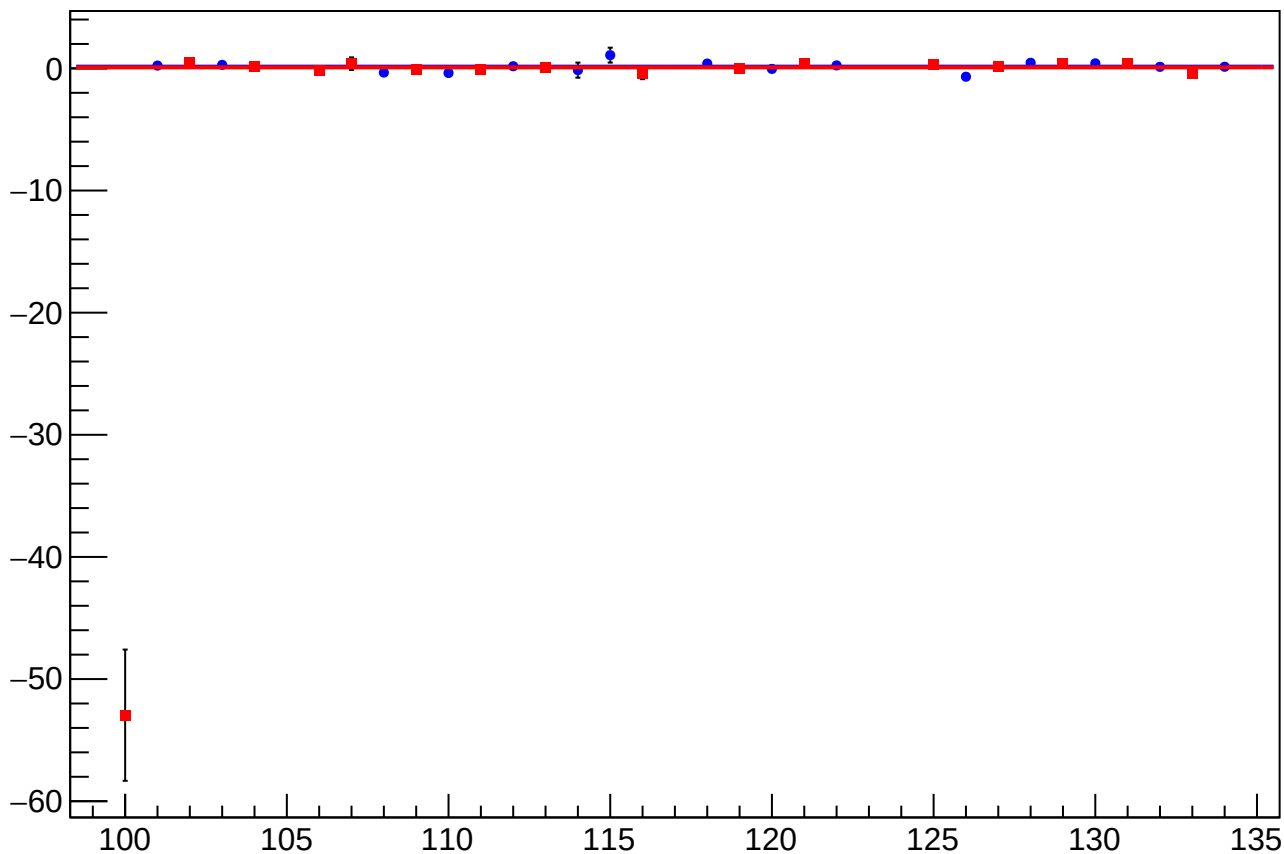
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.179 $\pm$ 0.054 χ^2 /NDF: 30.1/30

- 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: 0.082 $\pm$ 0.085 χ^2 /NDF: 108.9/15

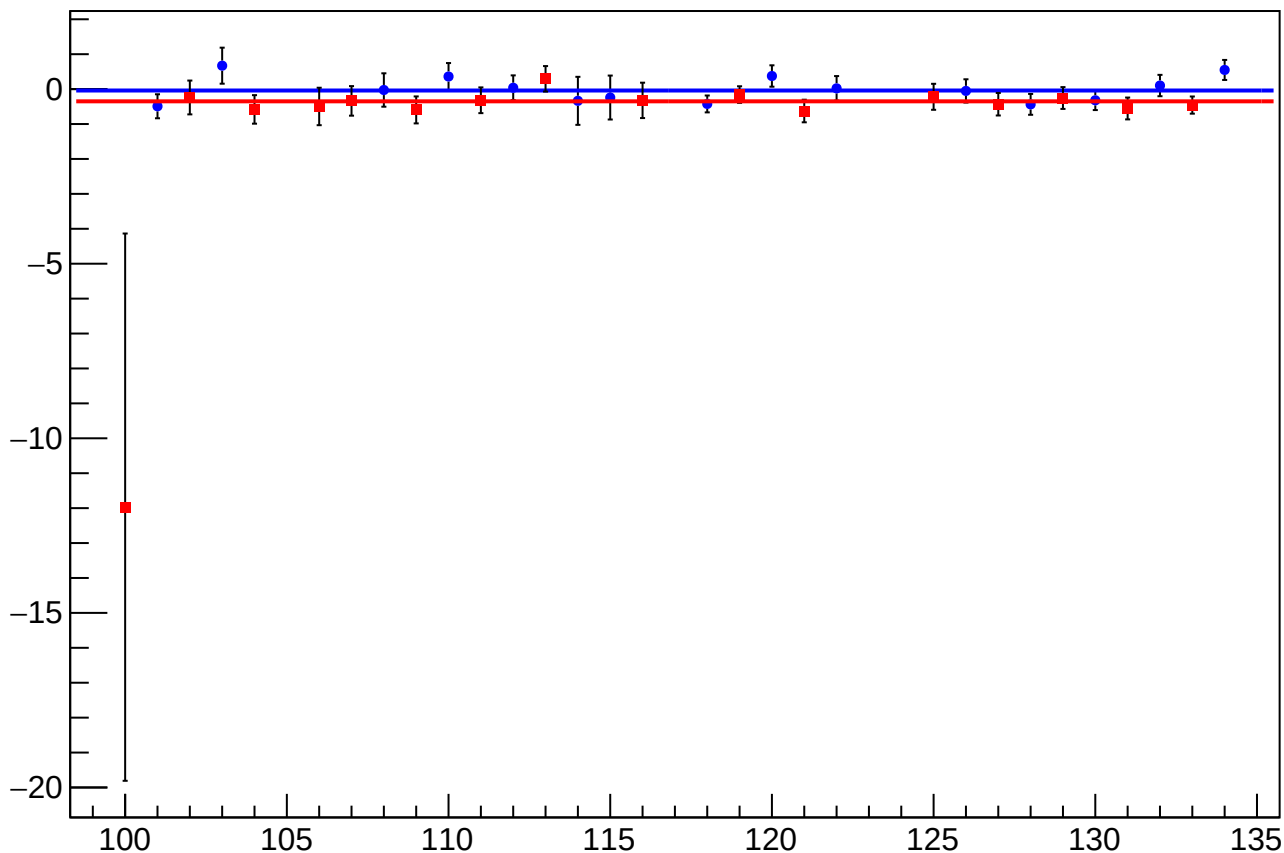
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

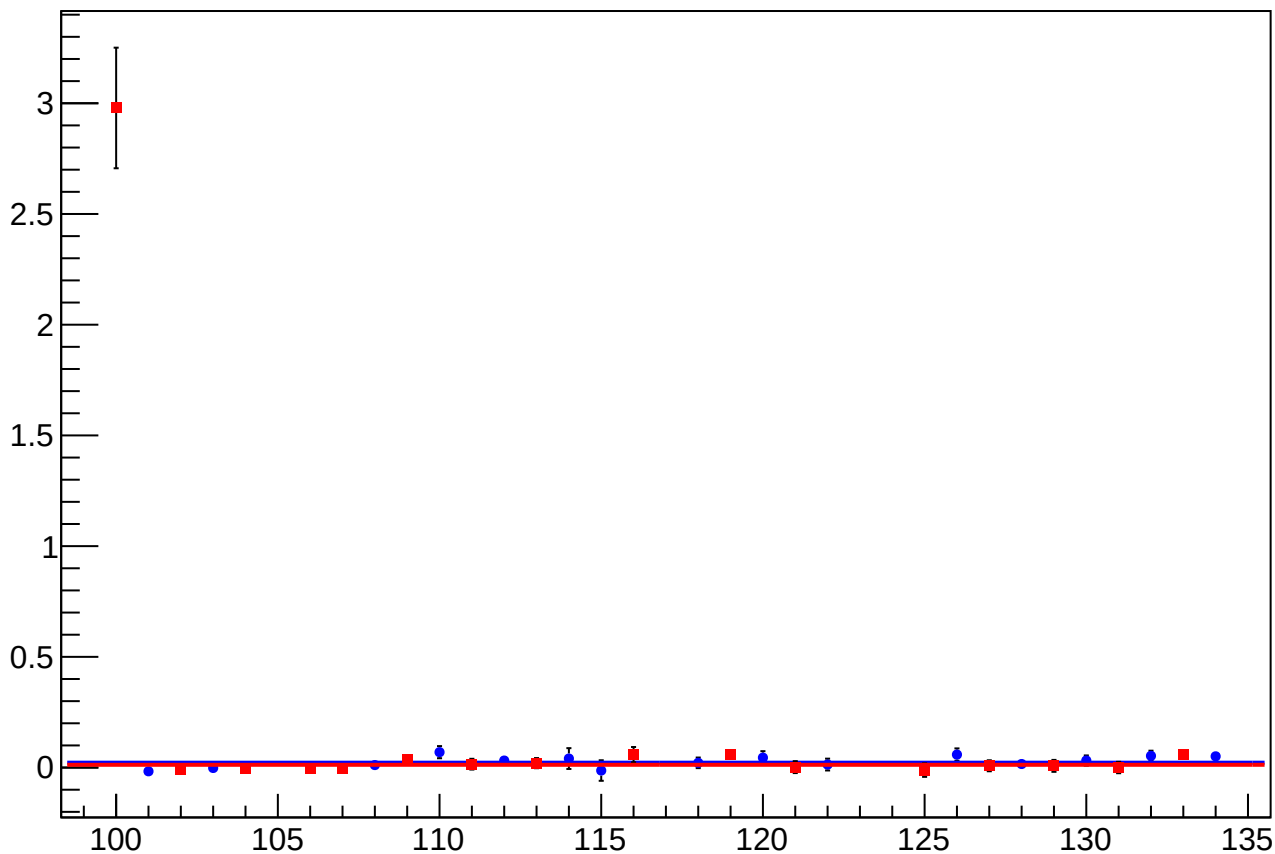
All: 0.112 $\pm$ 0.060 χ^2 /NDF: 124.6/30

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



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: 0.013 $\pm$ 0.005 χ^2 /NDF: 136.8/15

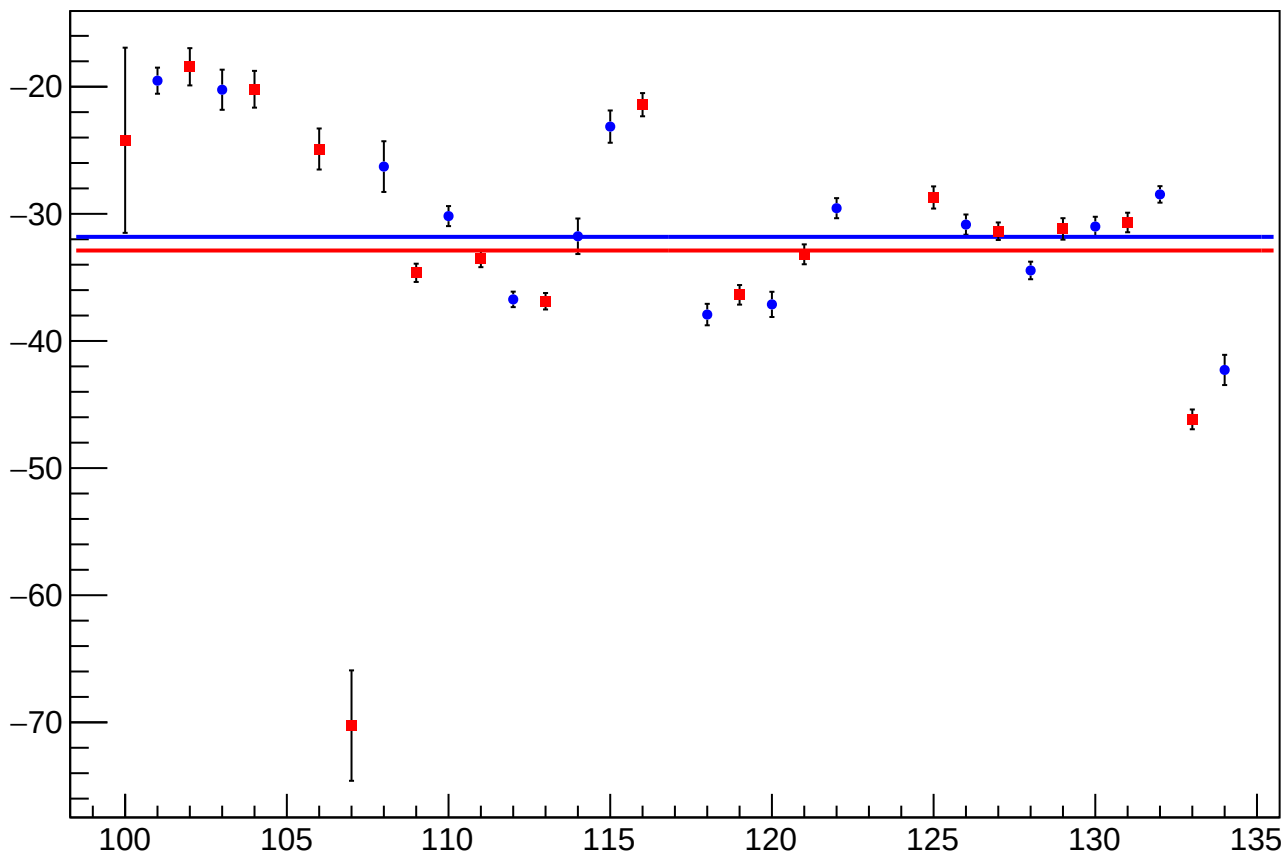
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.004 χ^2 /NDF: 160.7/30

- 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: -32.885 $\pm$ 0.220 χ^2 /NDF: 828.8/15

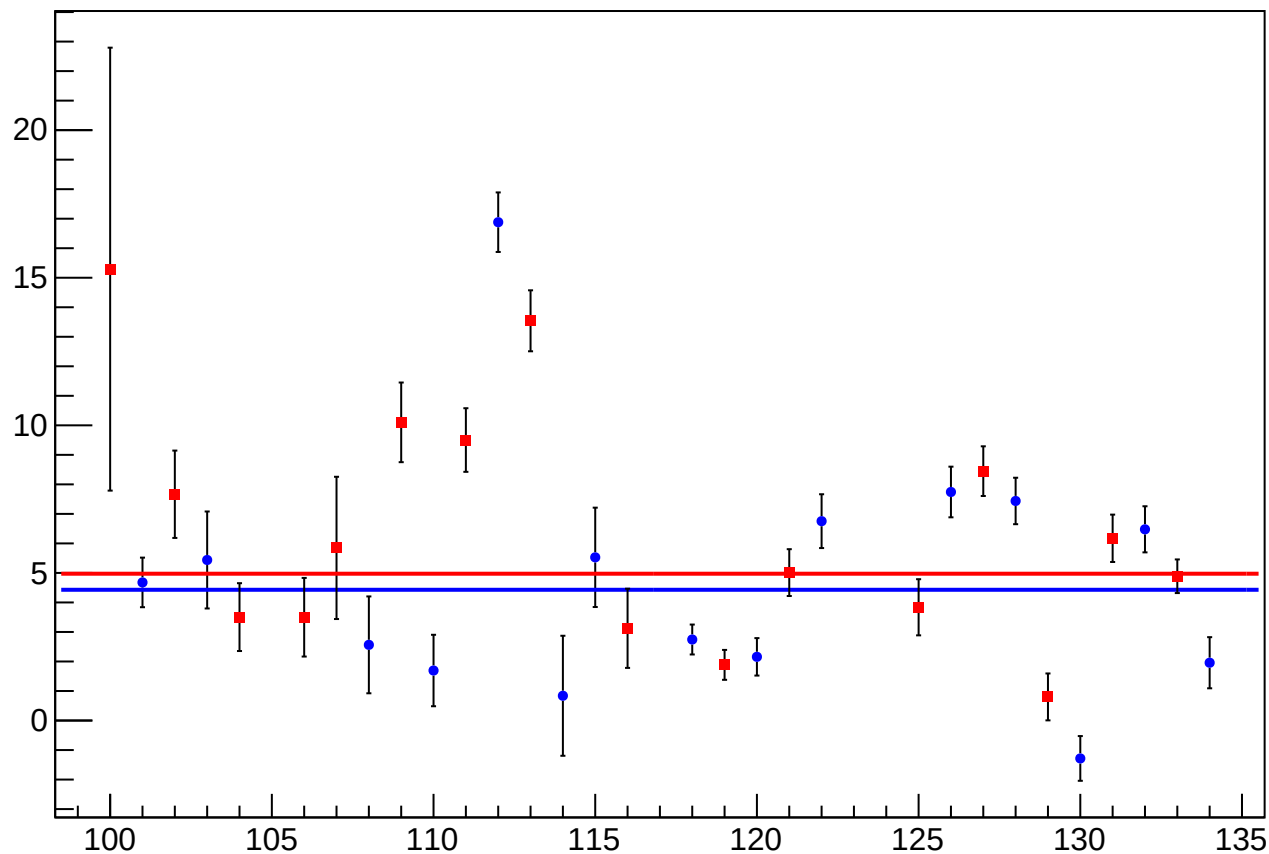
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -32.362 $\pm$ 0.158 χ^2 /NDF: 1371.9/30

- 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: 4.973+/-0.229 χ^2/NDF : 196.5/15

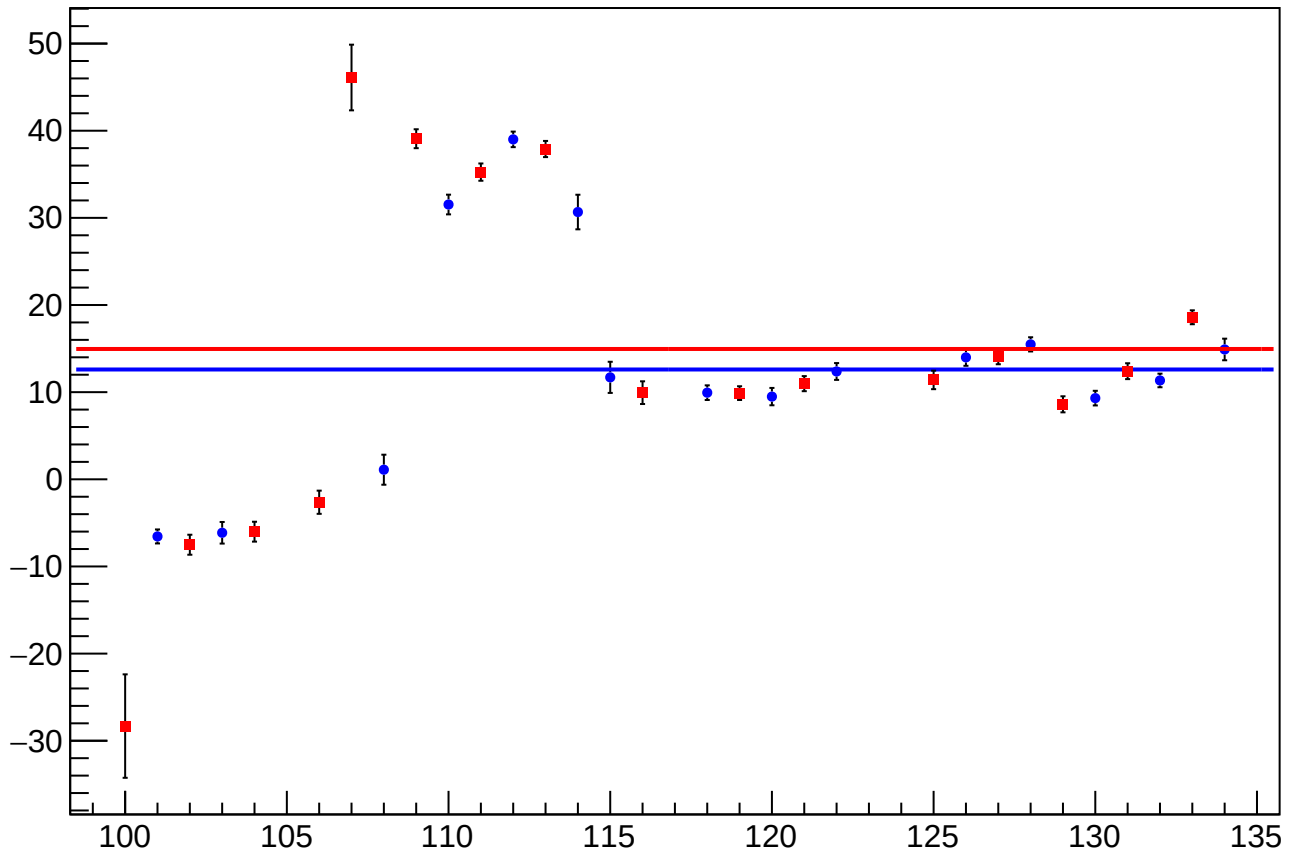
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.697+/-0.161 χ^2/NDF : 494.1/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 12.601+/-0.259 χ^2/NDF : 2138.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.955+/-0.258 χ^2/NDF : 2708.4/15

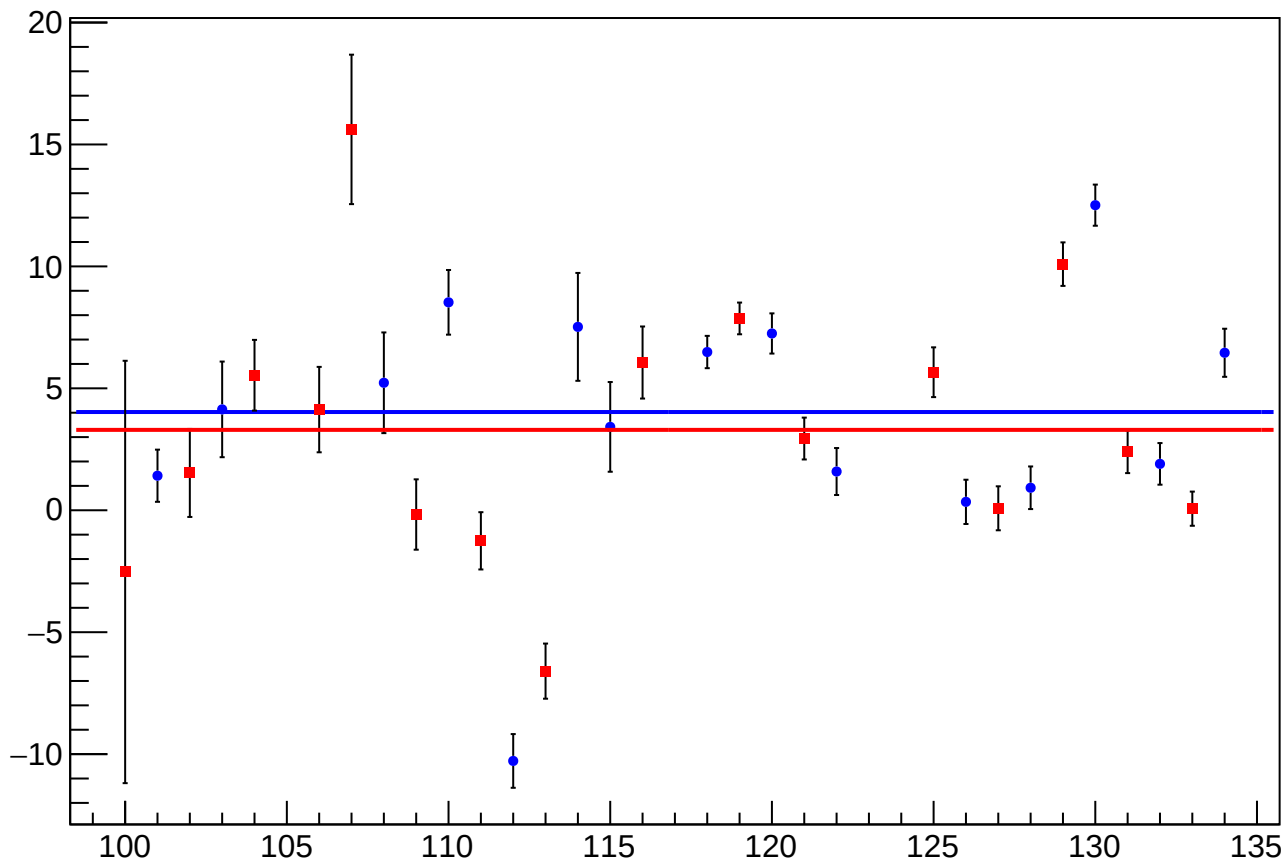
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.781+/-0.183 χ^2/NDF : 4888.0/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.029 $\pm$ 0.263 χ^2 /NDF: 367.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.296 $\pm$ 0.265 χ^2 /NDF: 269.1/15

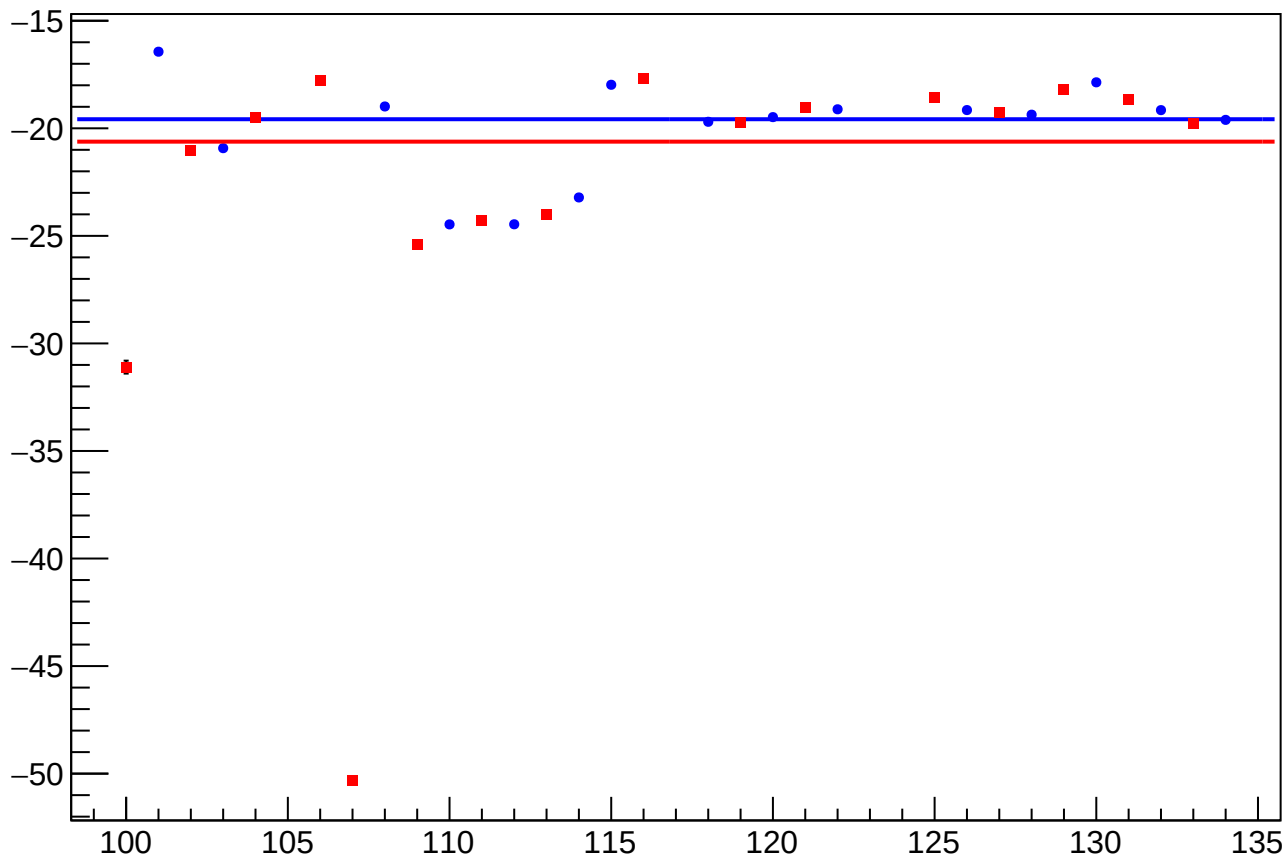
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.665 $\pm$ 0.187 χ^2 /NDF: 640.1/30

- sign 0.000 $\pm$ 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: -20.620+/-0.018 χ^2/NDF : 54082.1/15

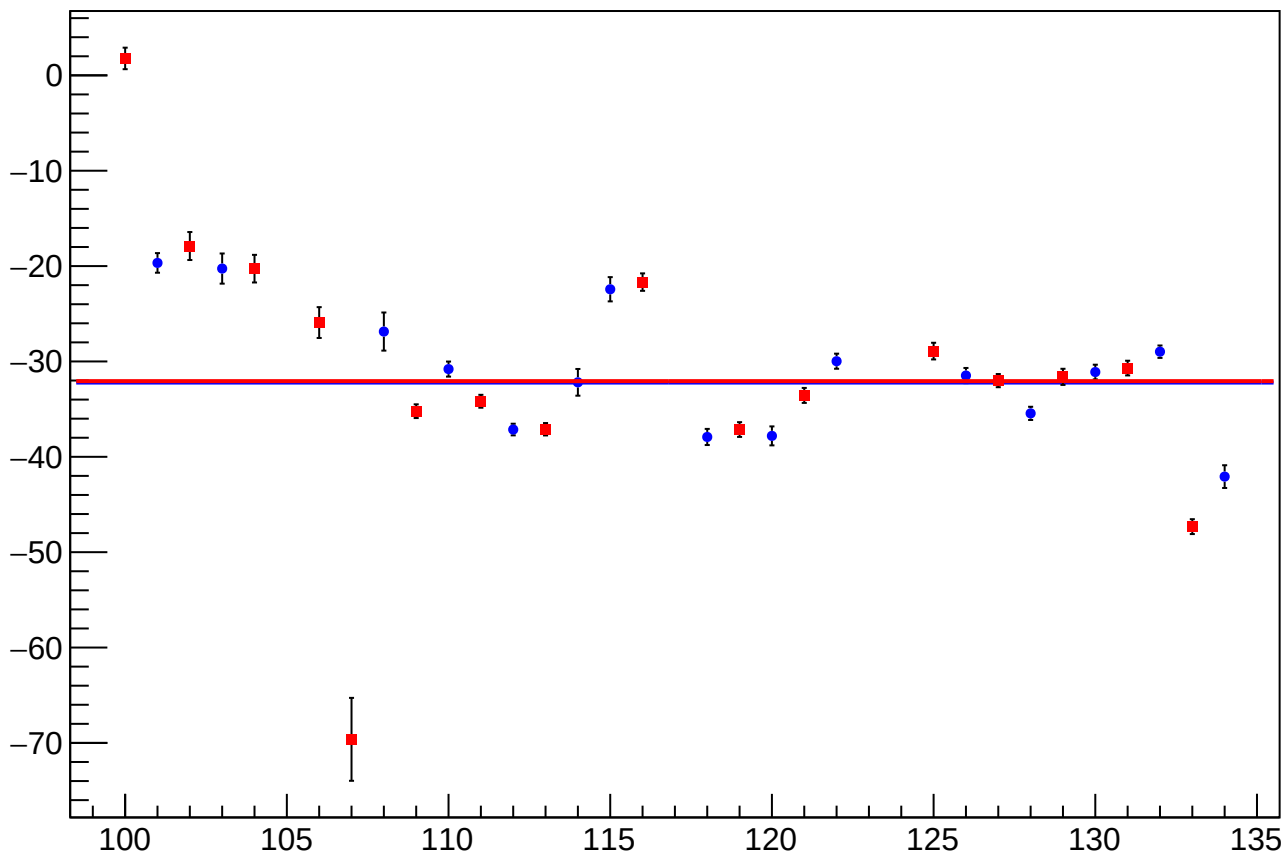
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.091+/-0.013 χ^2/NDF : 69921.4/30

- 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: -32.064 ± 0.217 χ^2/NDF : 1812.1/15

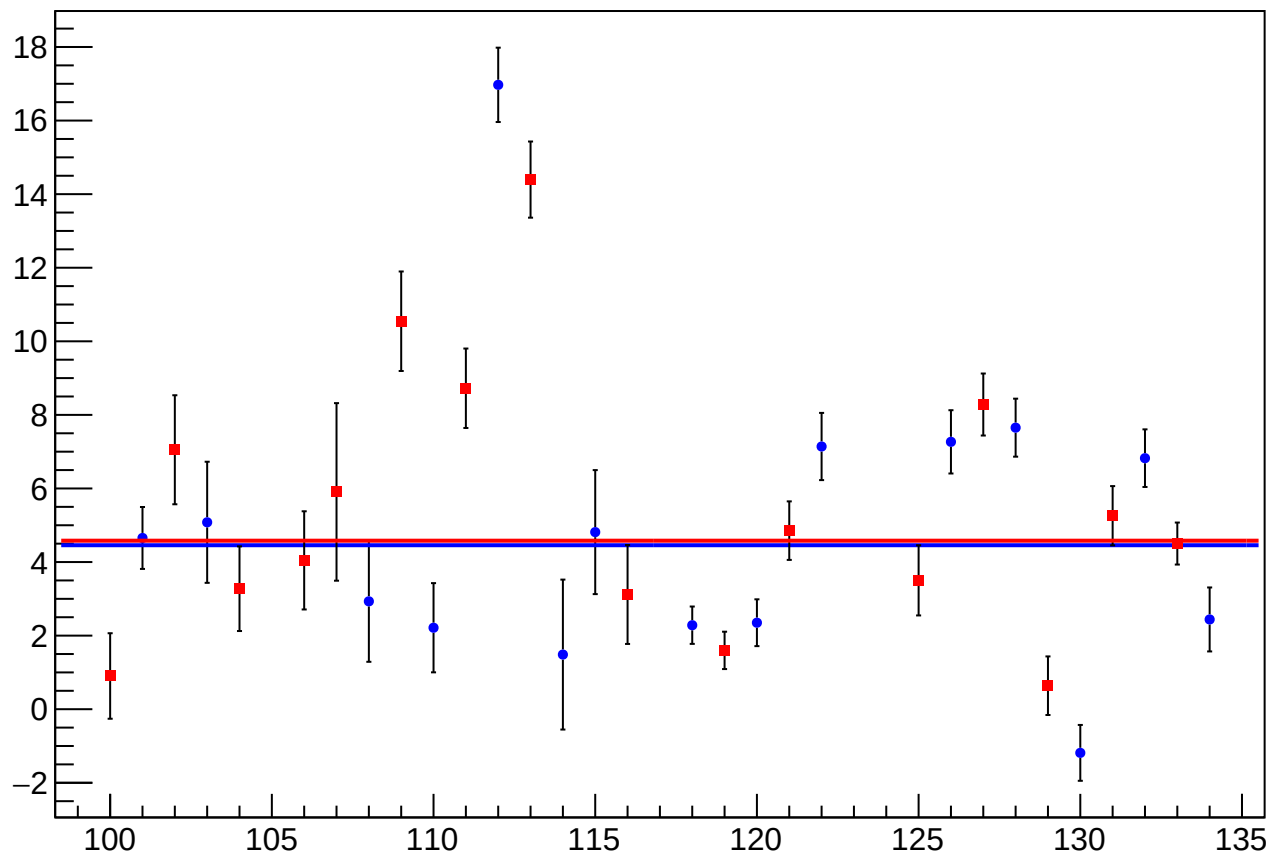
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -32.135 ± 0.157 χ^2/NDF : 2356.1/30

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 4.457+/-0.226 χ^2/NDF : 294.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.581+/-0.225 χ^2/NDF : 220.2/15

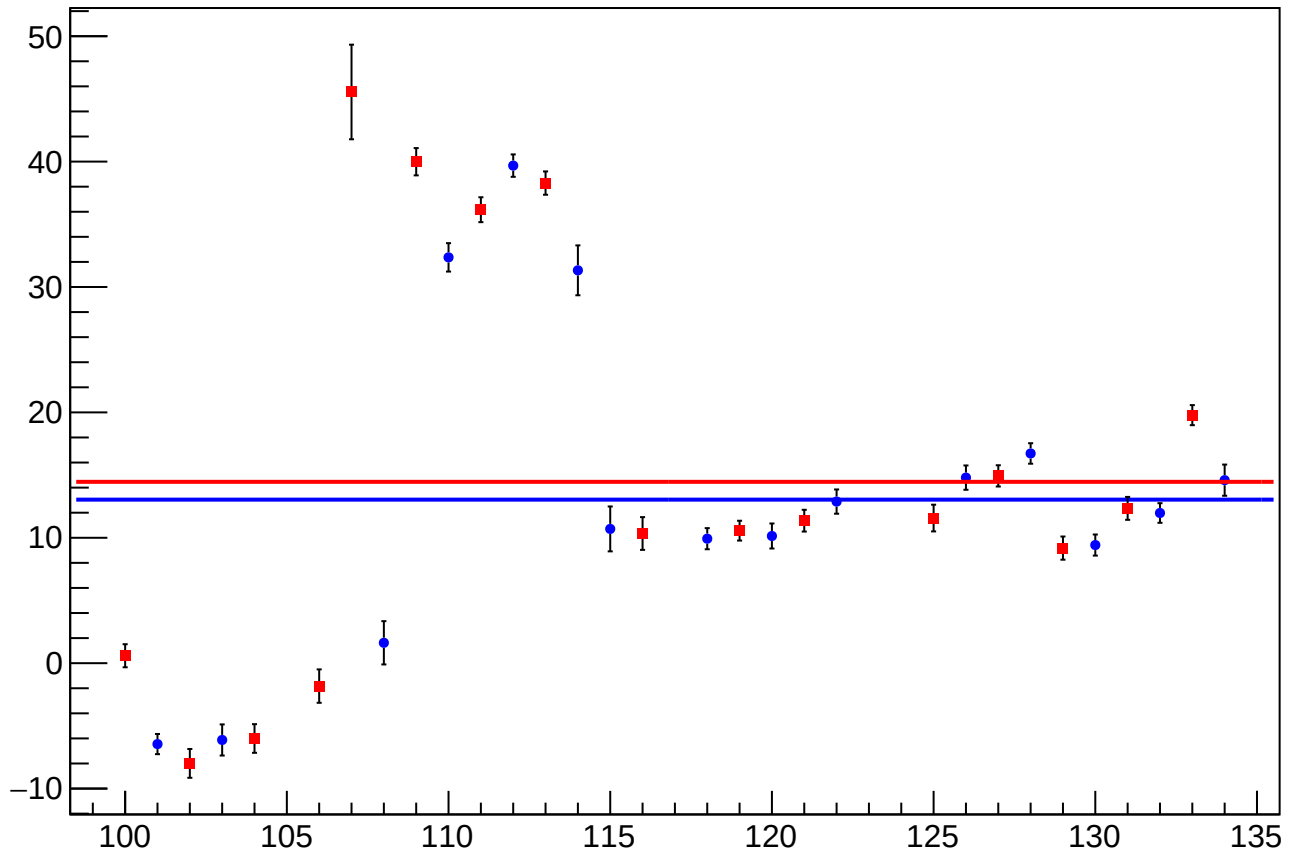
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.519+/-0.159 χ^2/NDF : 515.2/30

- sign 0.000+/-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: 14.462+/-0.249 χ^2/NDF : 2969.9/15

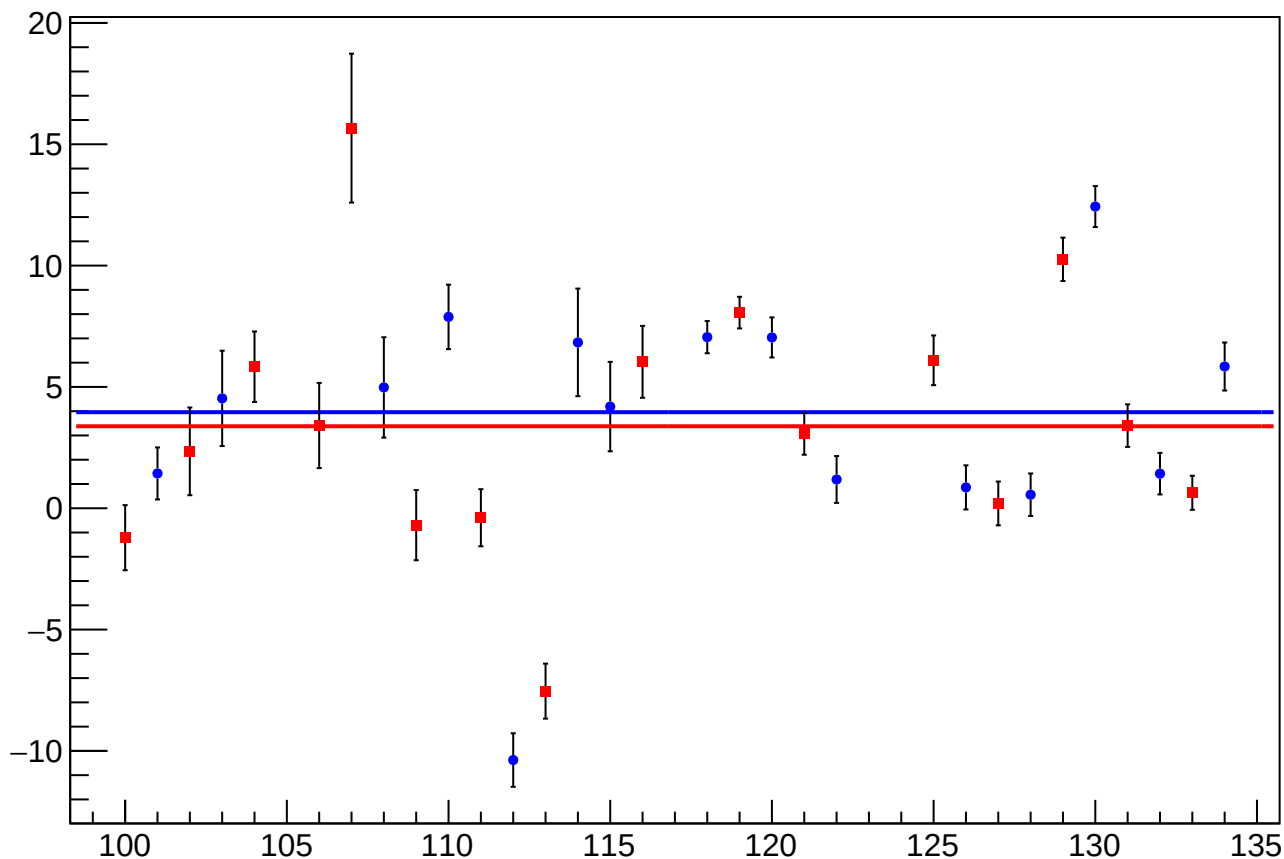
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.780+/-0.180 χ^2/NDF : 5188.0/30

- 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: 3.379 $\pm$ 0.261 χ^2 /NDF: 290.8/15

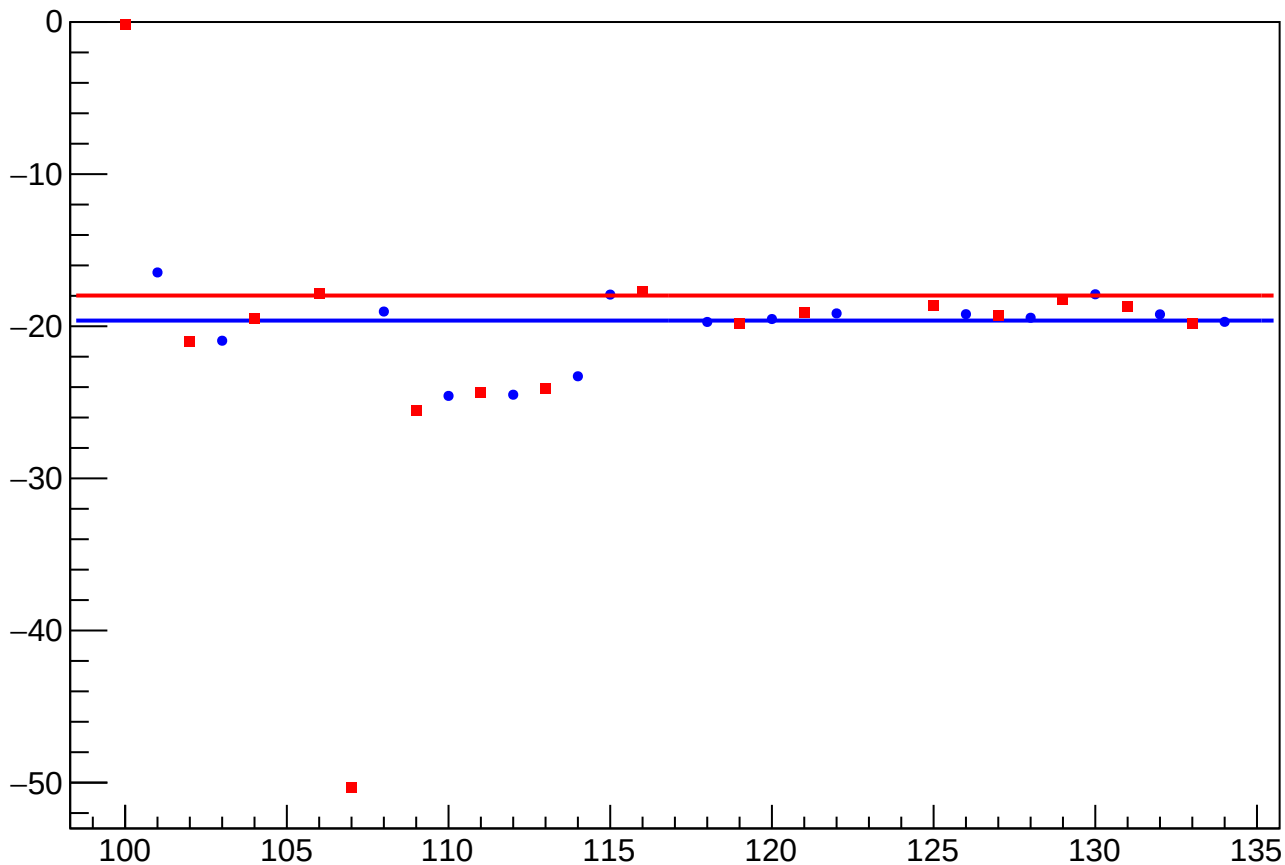
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.666 $\pm$ 0.186 χ^2 /NDF: 661.8/30

- 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: -17.980+/-0.017 χ^2/NDF : 220706.2/15

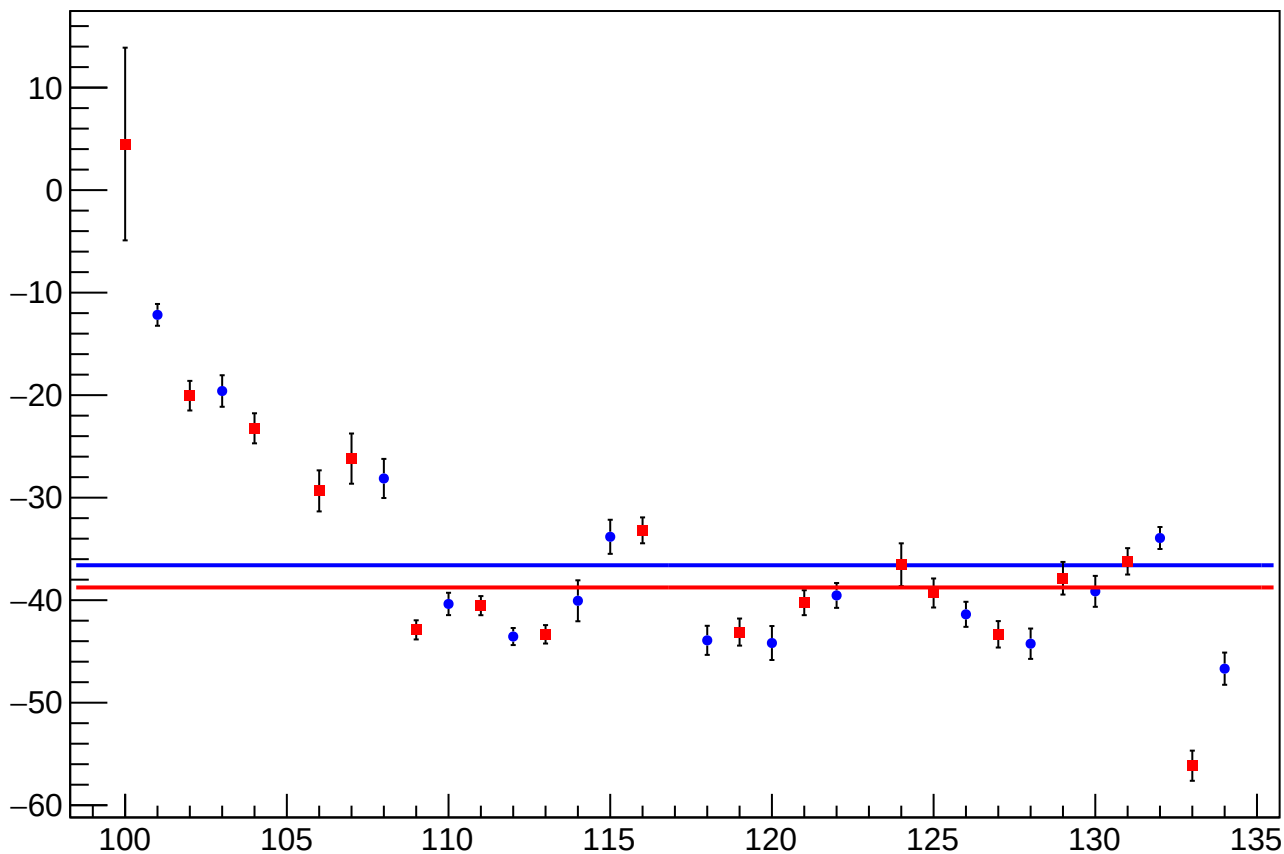
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.760+/-0.012 χ^2/NDF : 239466.7/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: -36.593 $\pm$ 0.336 χ^2 /NDF: 902.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -38.759 $\pm$ 0.323 χ^2 /NDF: 588.3/16

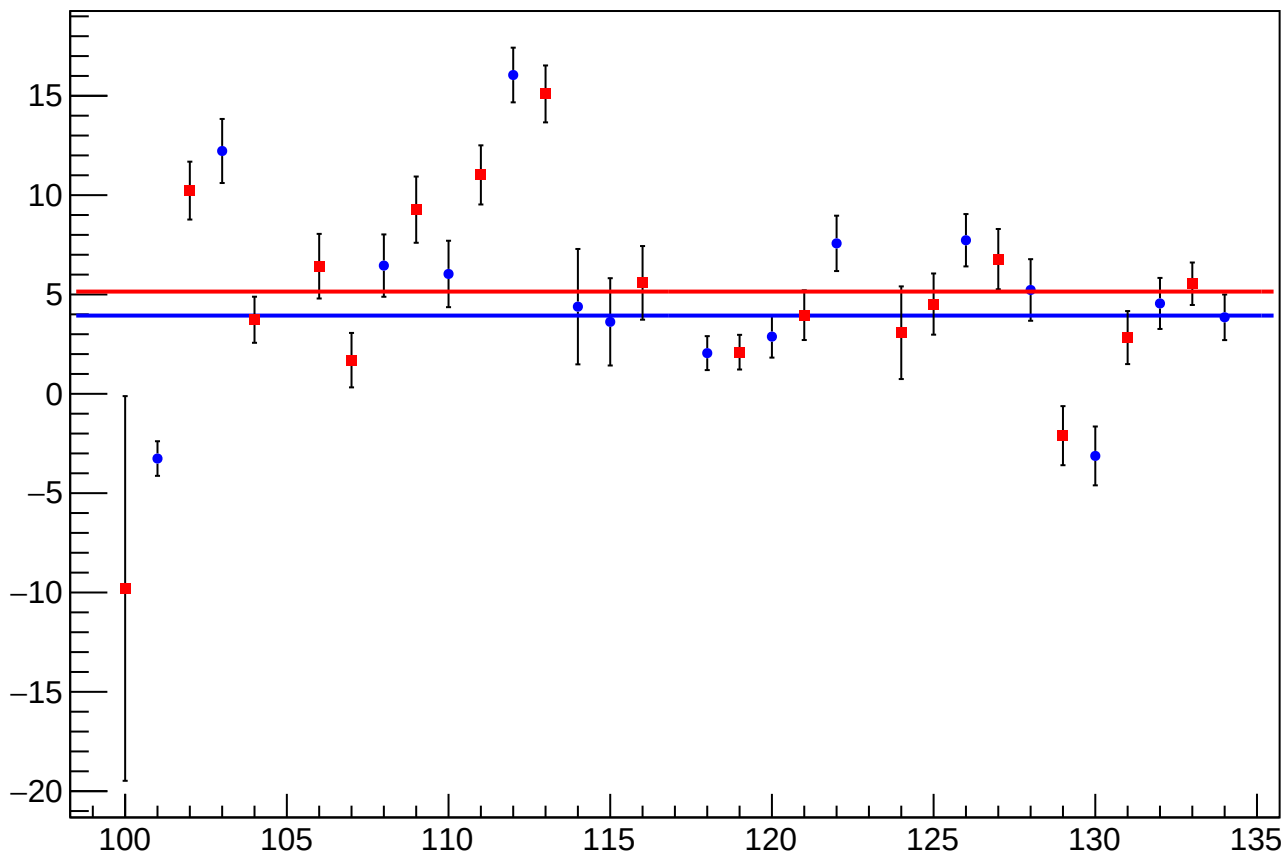
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -37.718 $\pm$ 0.233 χ^2 /NDF: 1512.2/31

- sign 0.000 $\pm$ 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: 5.146 $\pm$ 0.341 χ^2 /NDF: 135.1/16

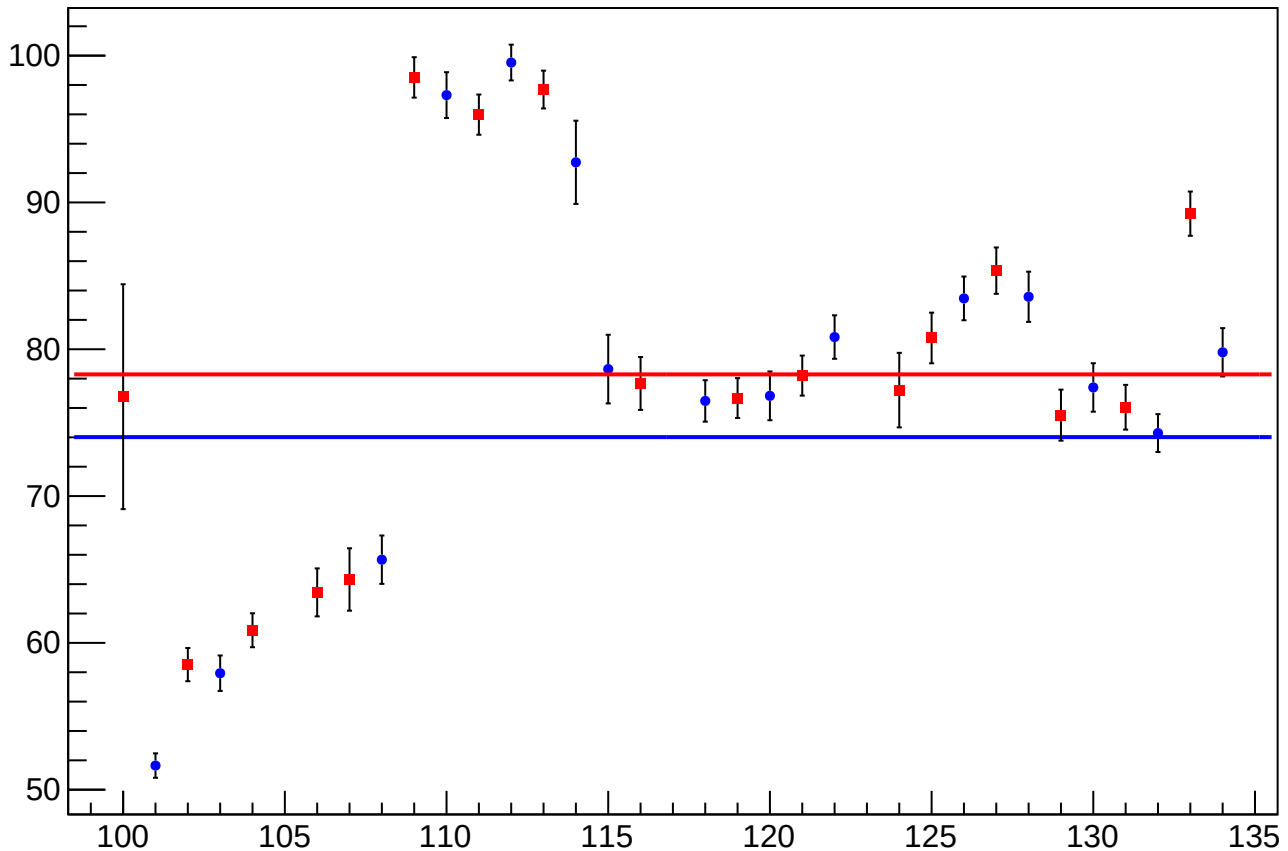
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.532 $\pm$ 0.239 χ^2 /NDF: 362.5/31

- 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: 78.288+/-0.370 χ^2/NDF : 1349.8/16

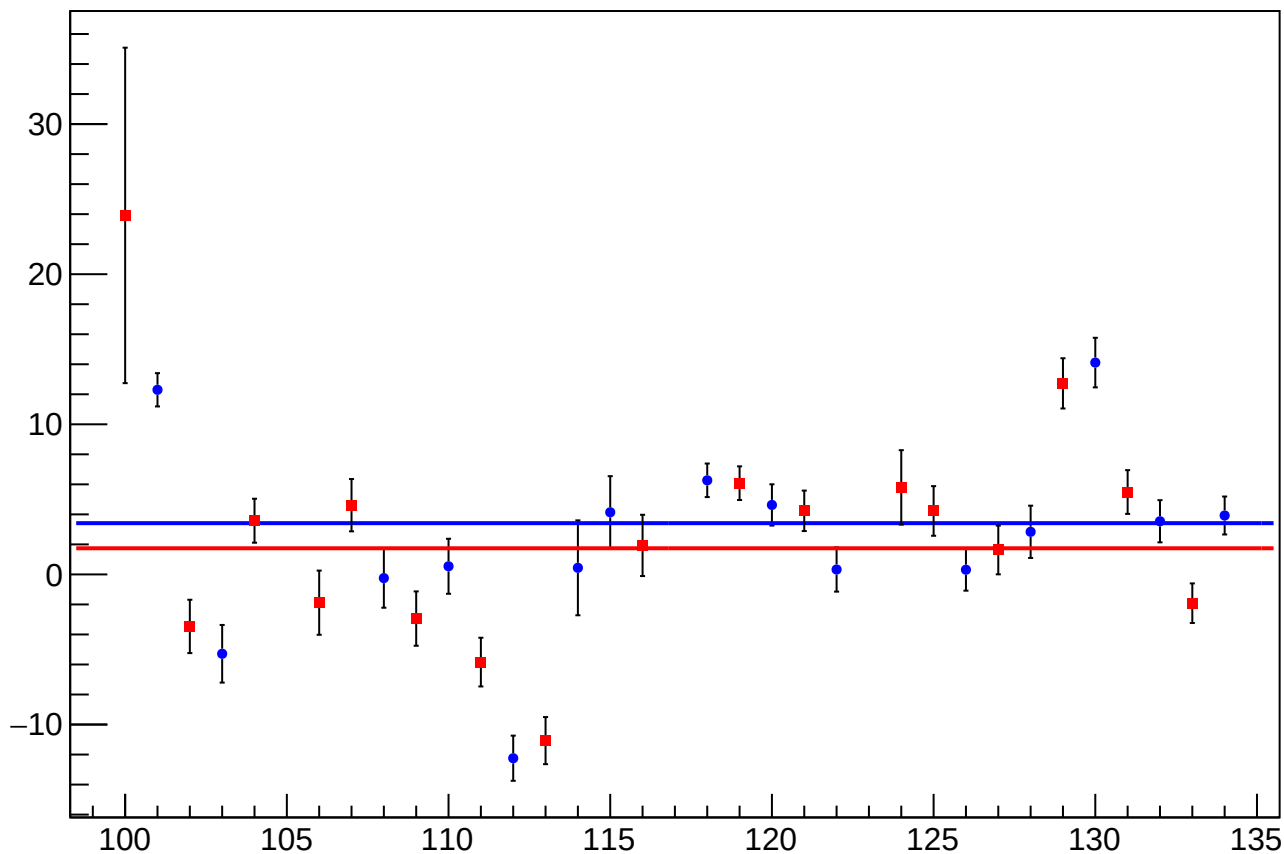
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.145+/-0.261 χ^2/NDF : 3165.5/31

- 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: 1.742 $\pm$ 0.398 χ^2 /NDF: 195.6/16

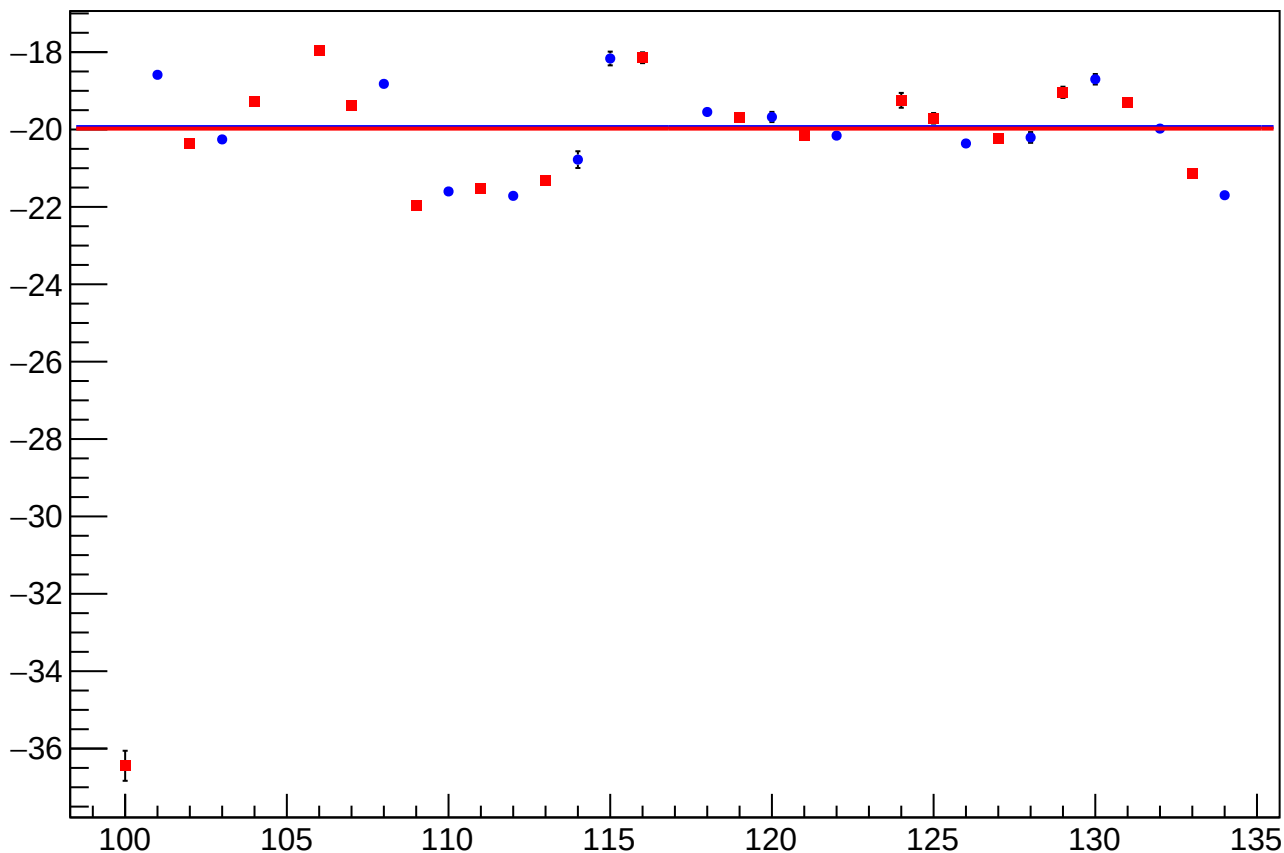
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.588 $\pm$ 0.279 χ^2 /NDF: 463.4/31

- 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: -19.977 ± 0.023 χ^2/NDF : 3972.3/16

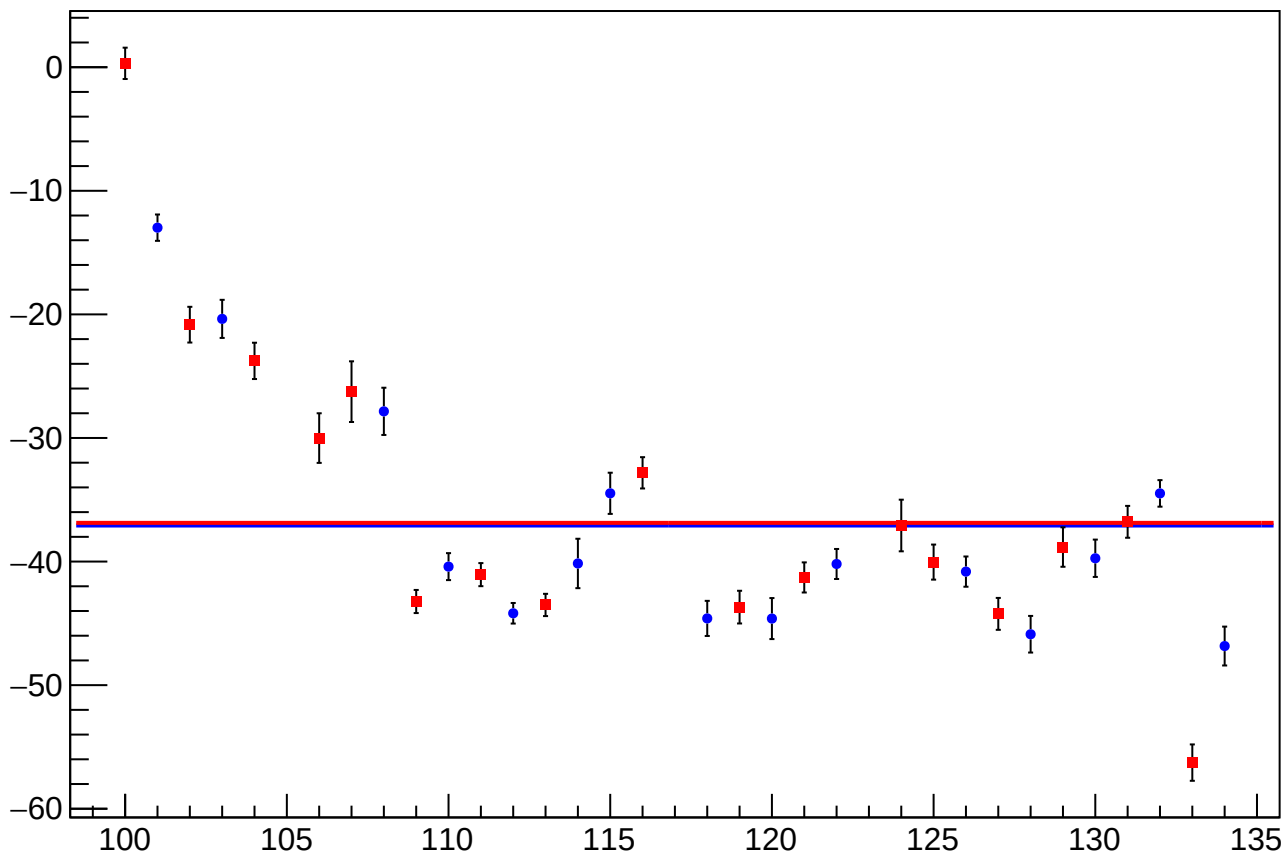
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -19.956 ± 0.016 χ^2/NDF : 6585.4/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm1X_slope vs Slug



Right In: -37.084 $\pm$ 0.336 χ^2 /NDF: 886.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -36.869 $\pm$ 0.314 χ^2 /NDF: 1477.0/16

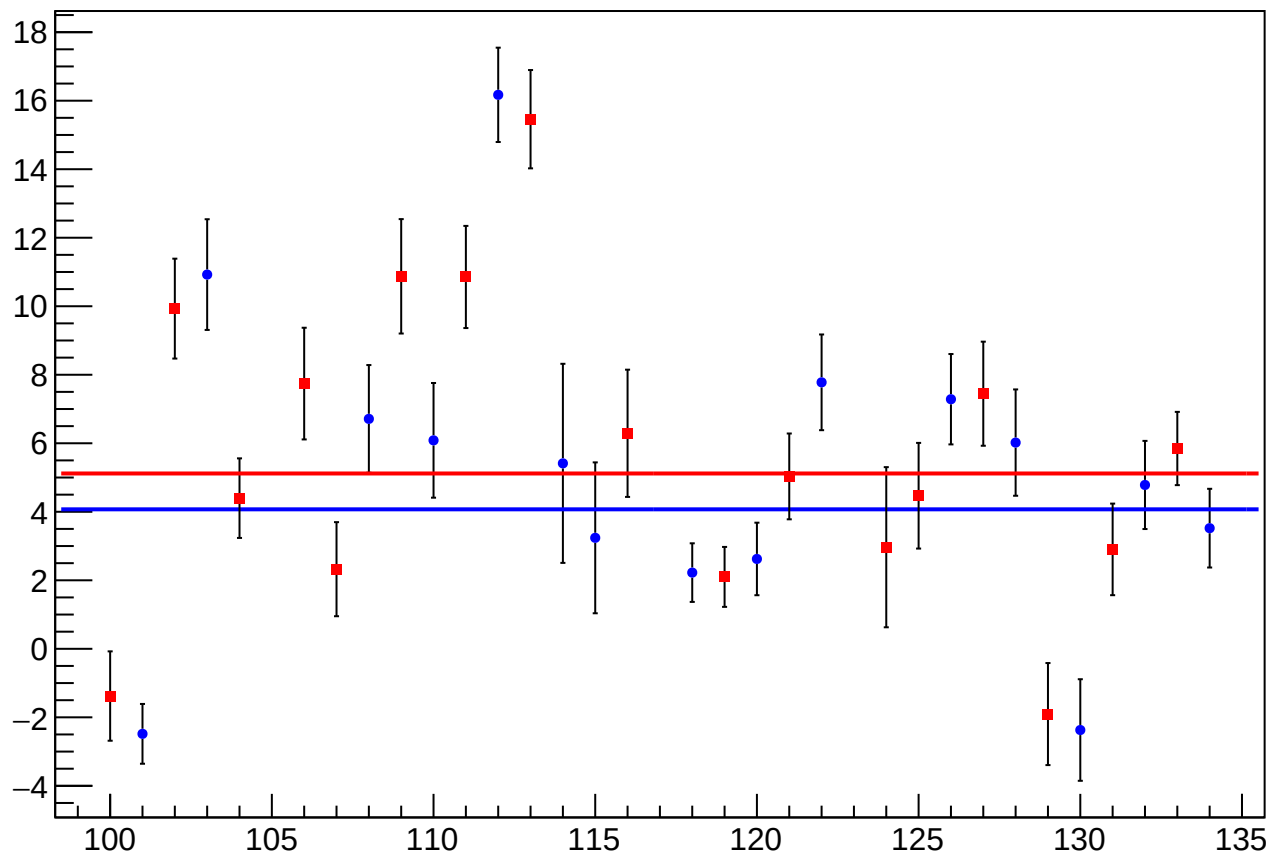
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -36.969 $\pm$ 0.229 χ^2 /NDF: 2363.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 4.072 $\pm$ 0.335 χ^2 /NDF: 196.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.118 $\pm$ 0.330 χ^2 /NDF: 162.6/16

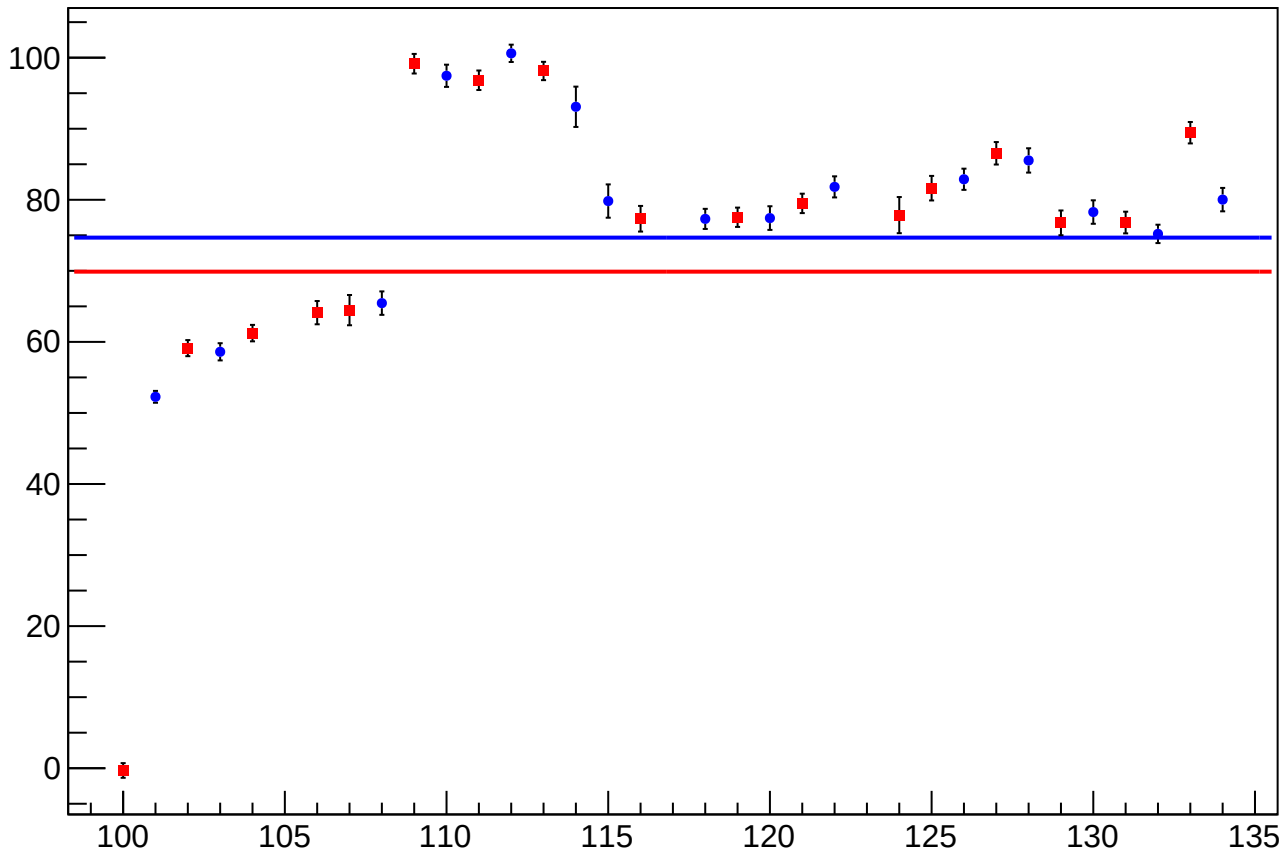
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.603 $\pm$ 0.235 χ^2 /NDF: 364.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 74.676 $\pm$ 0.370 χ^2 /NDF: 1756.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 69.886 $\pm$ 0.349 χ^2 /NDF: 6567.5/16

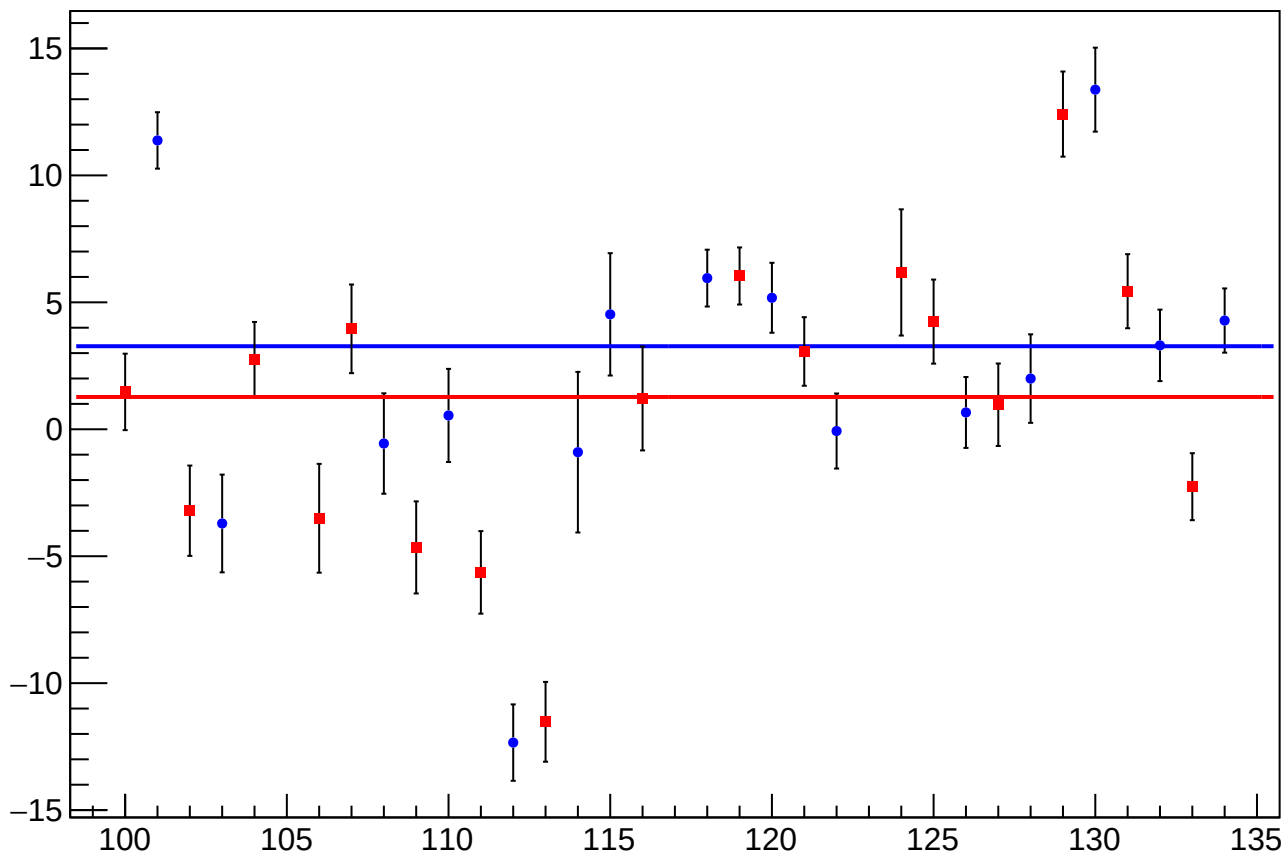
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 72.146 $\pm$ 0.254 χ^2 /NDF: 8412.5/31

- sign 0.000 $\pm$ 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: 1.272+/-0.385 χ^2/NDF : 196.1/16

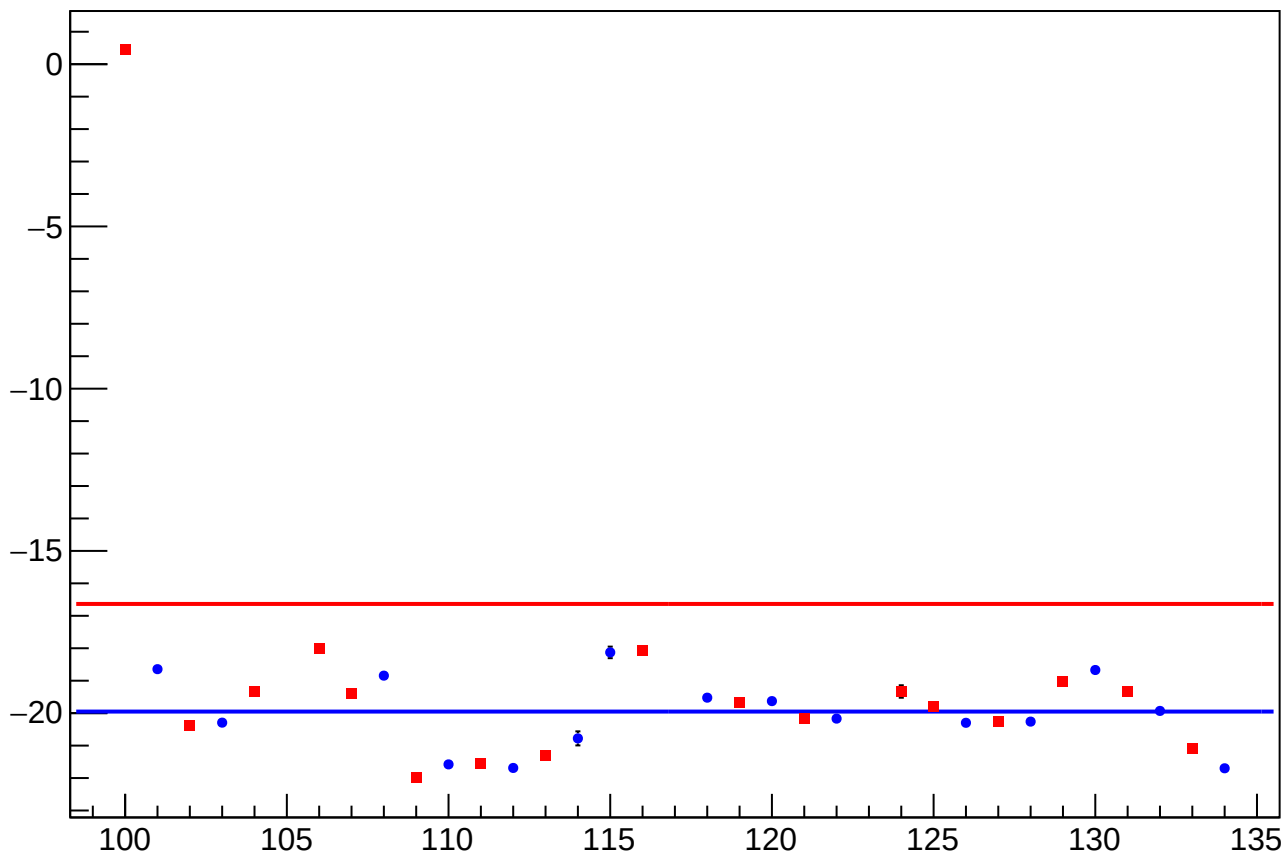
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.251+/-0.275 χ^2/NDF : 446.0/31

- 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: -16.635+/-0.021 χ^2/NDF : 129469.6/16

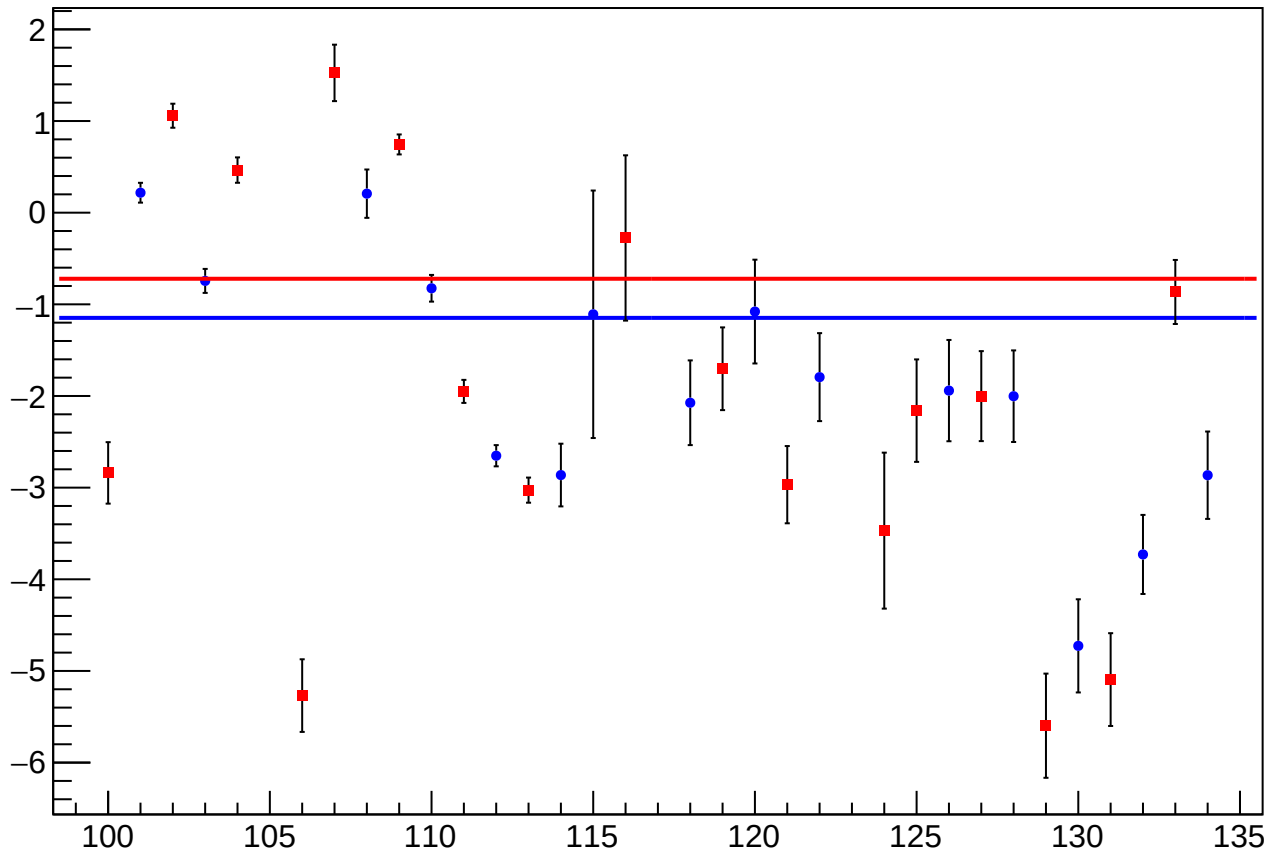
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.187+/-0.015 χ^2/NDF : 143600.1/31

- 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: -0.721 ± 0.052 χ^2/NDF : 1247.6/16

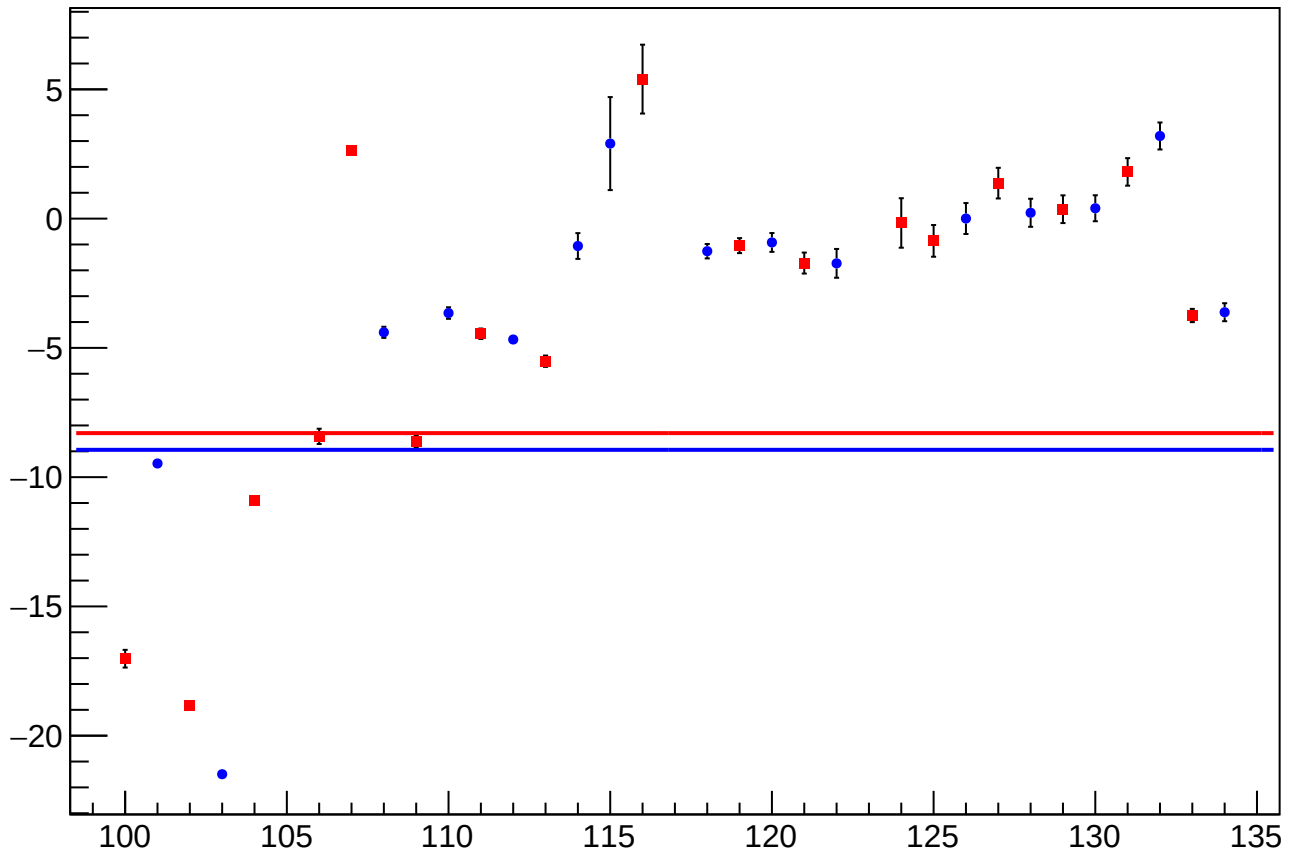
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.919 ± 0.038 χ^2/NDF : 1782.3/31

- 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: -8.297 ± 0.059 χ^2/NDF : 13953.8/16

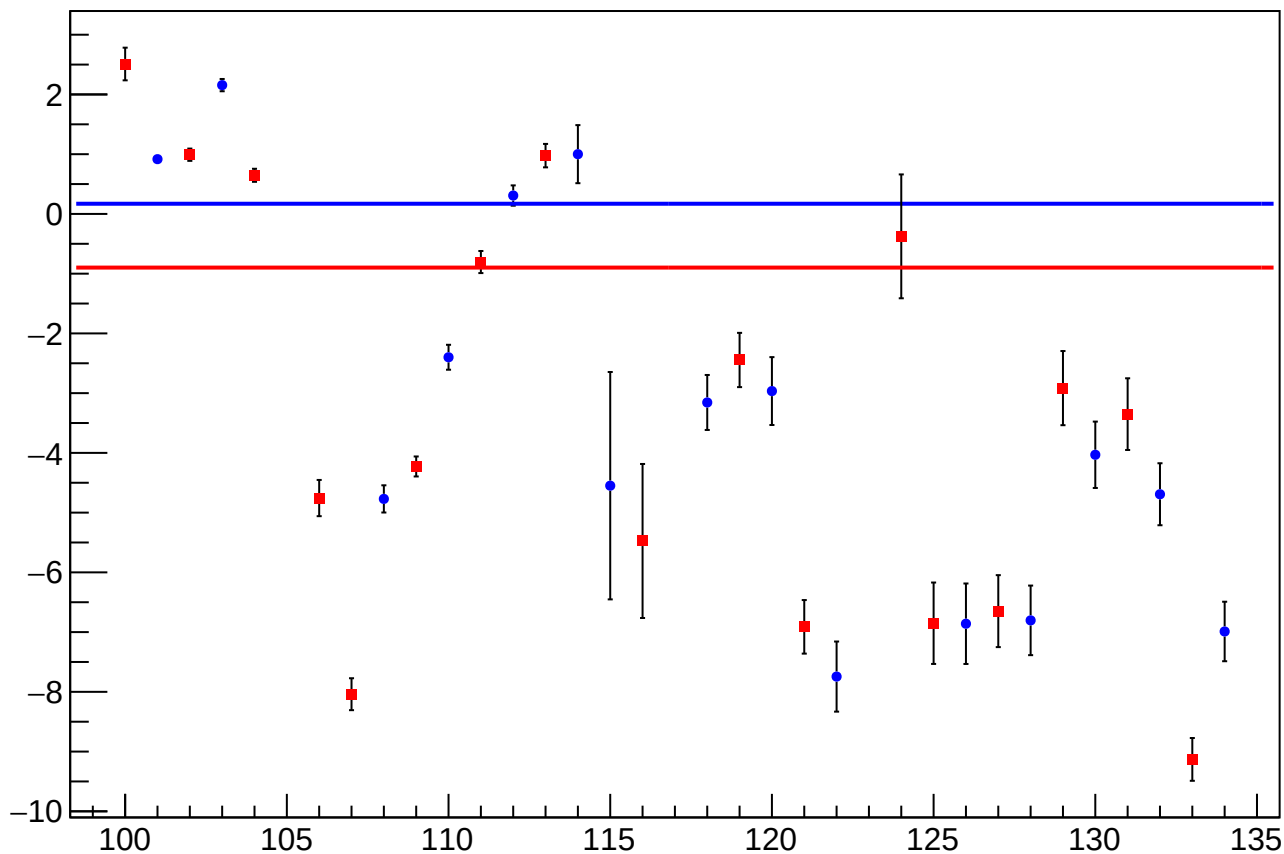
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.623 ± 0.041 χ^2/NDF : 27065.1/31

- 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 $\pm$ 0.054 χ^2 /NDF: 1952.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.898 $\pm$ 0.054 χ^2 /NDF: 2984.4/16

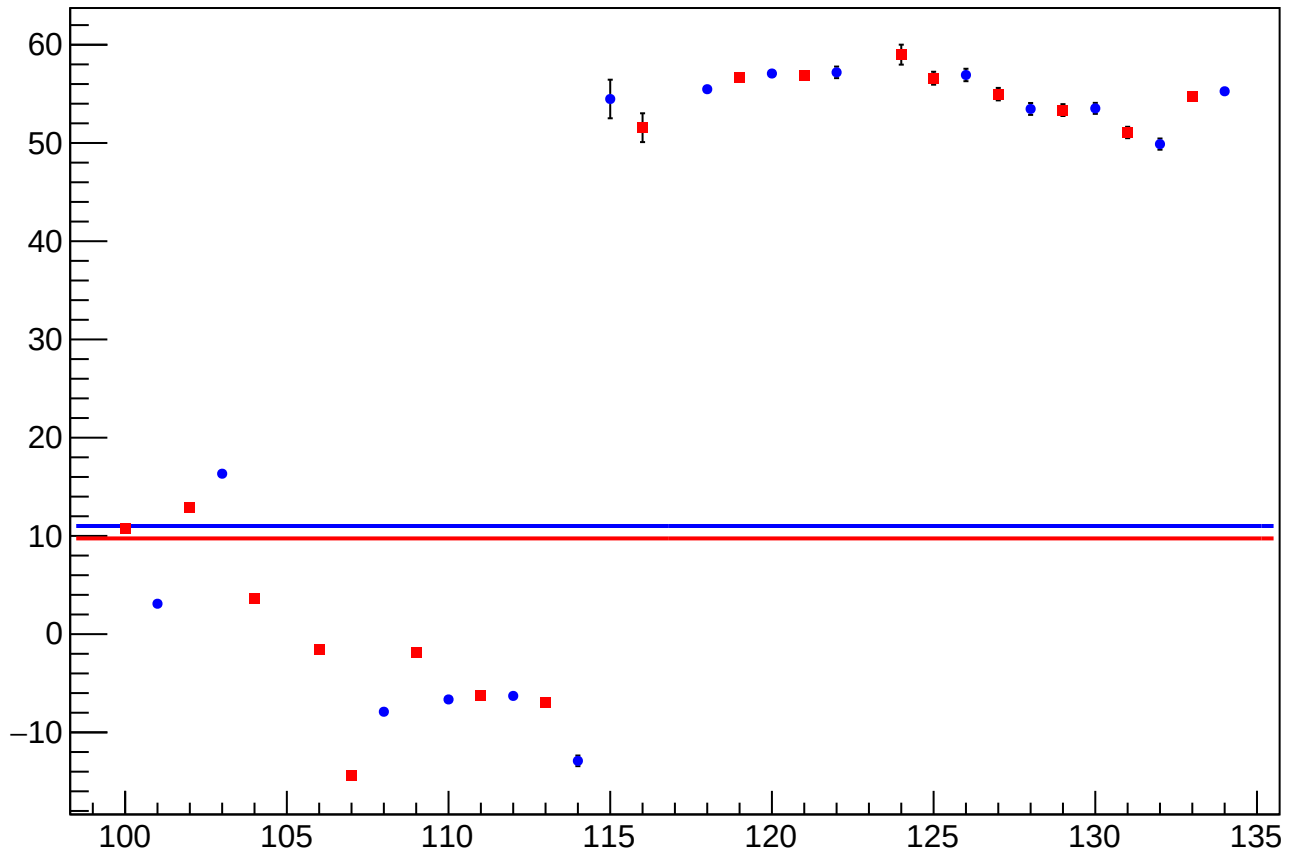
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.359 $\pm$ 0.038 χ^2 /NDF: 5130.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 11.009 $\pm$ 0.070 χ^2 /NDF: 89267.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.744 $\pm$ 0.069 χ^2 /NDF: 98536.3/16

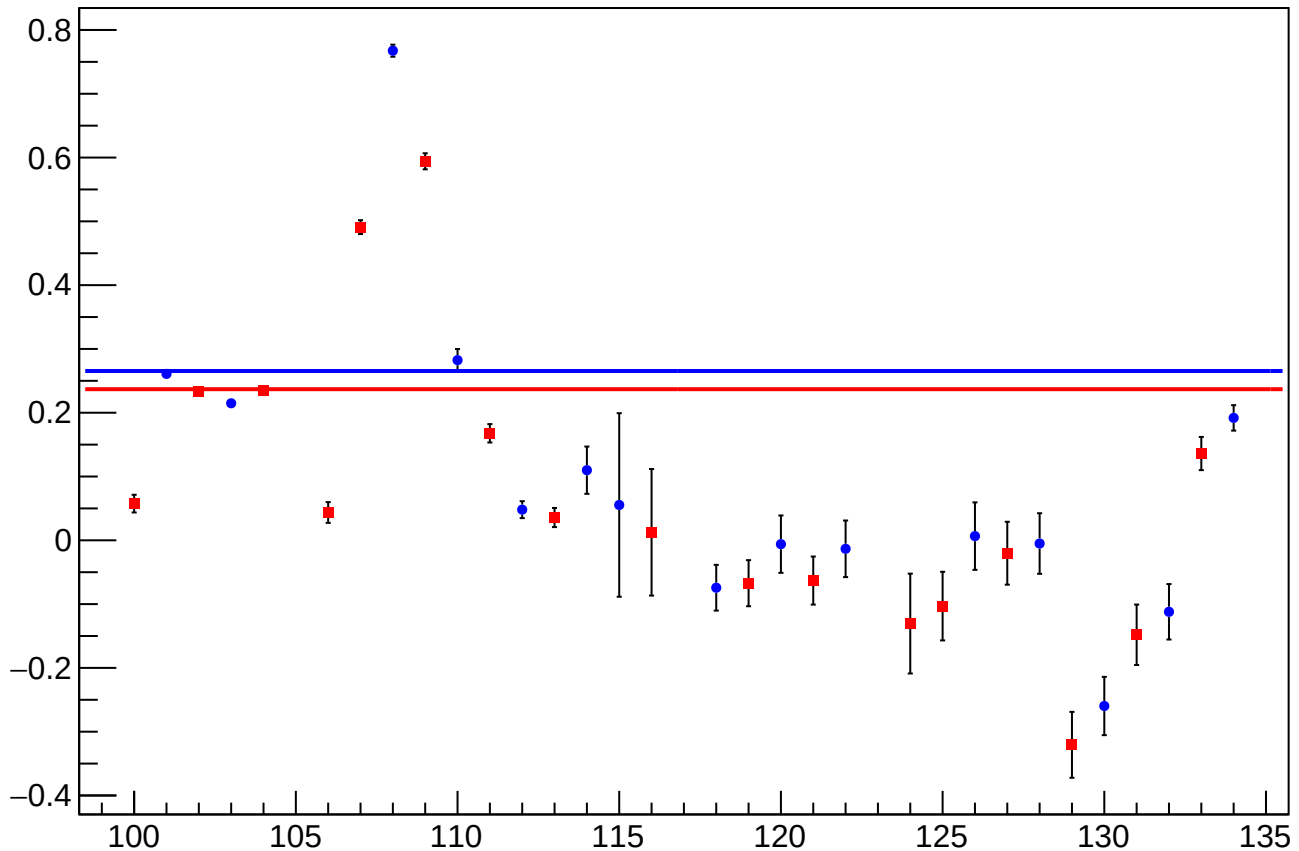
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.375 $\pm$ 0.049 χ^2 /NDF: 187969.4/31

- sign 0.000 $\pm$ 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: 0.237+/-0.003 χ^2/NDF : 2291.4/16

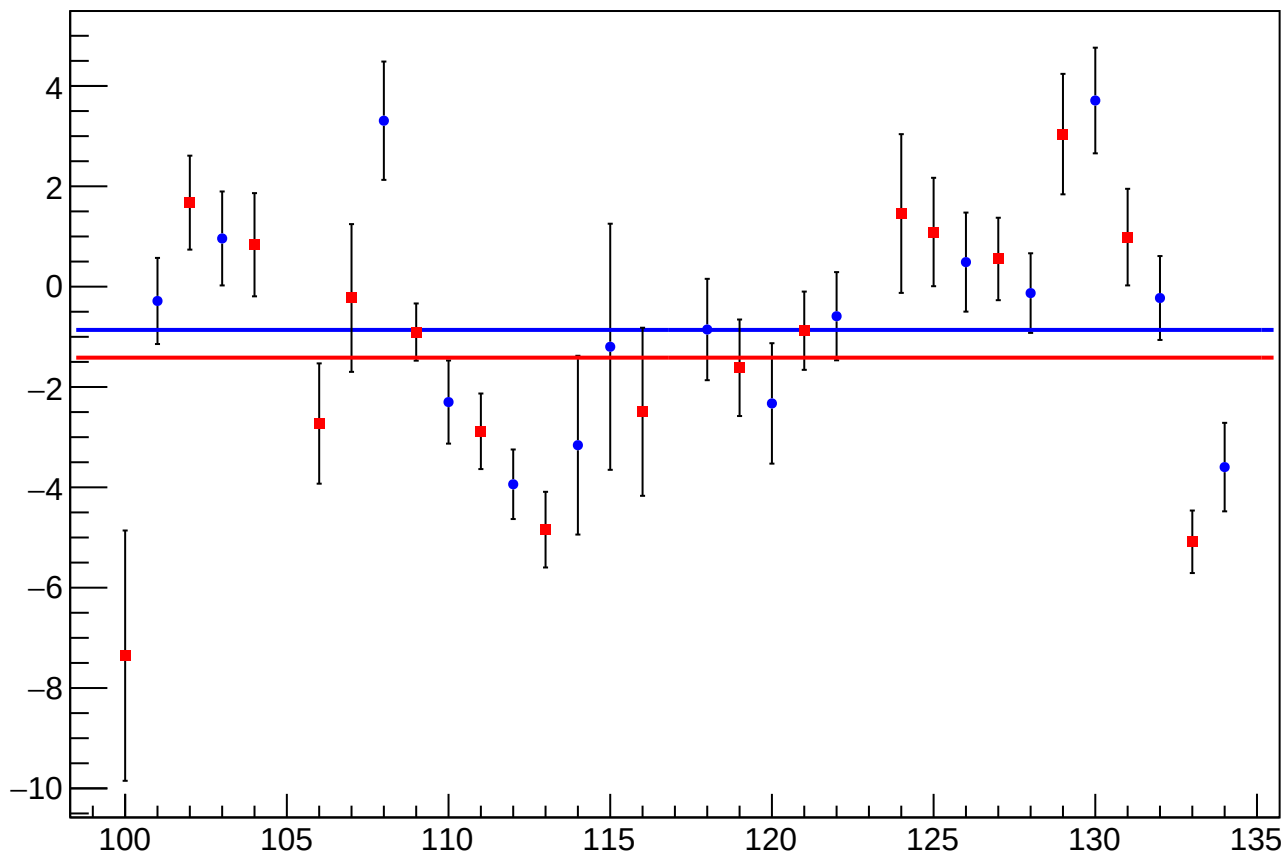
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.251+/-0.002 χ^2/NDF : 6050.5/31

- 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: -1.415 ± 0.223 χ^2/NDF : 118.5/16

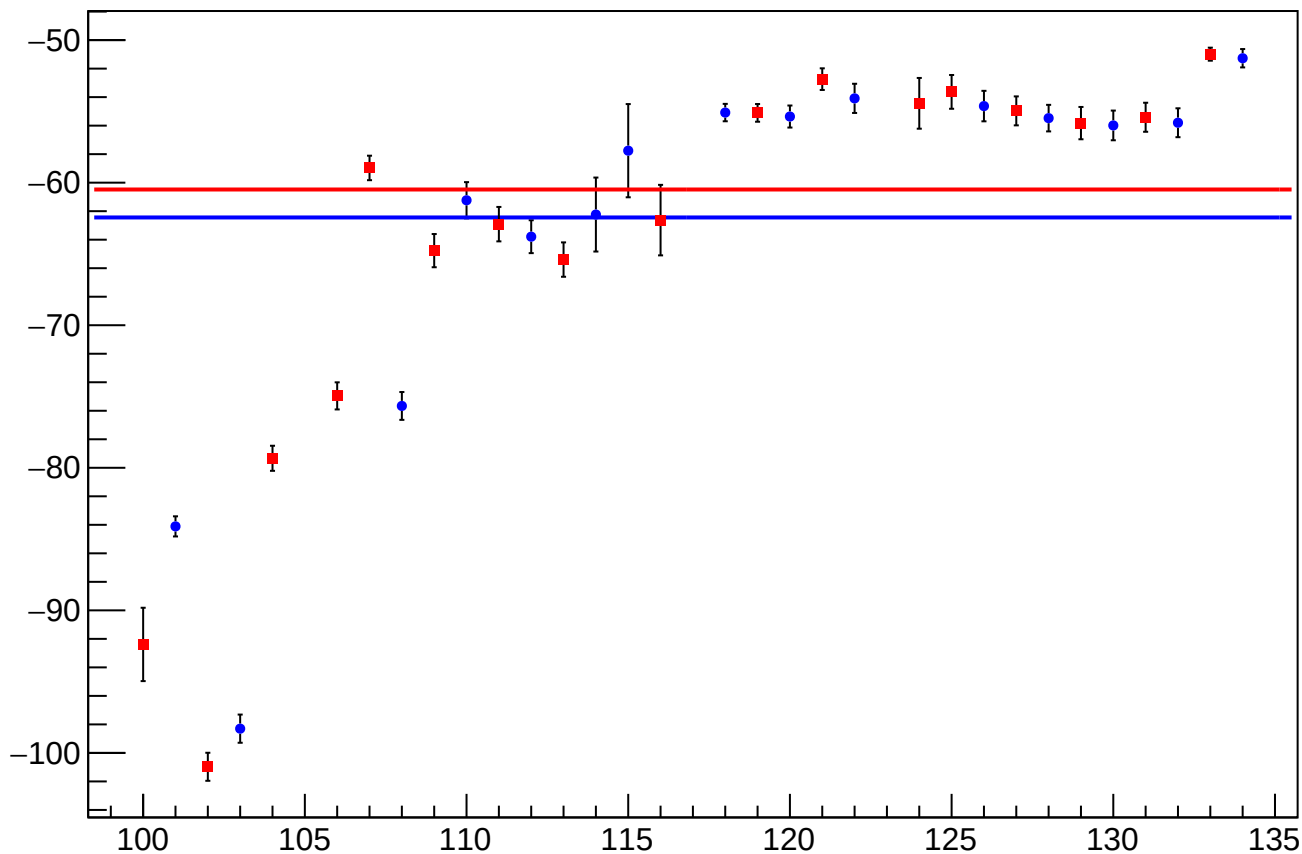
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.167 ± 0.165 χ^2/NDF : 195.8/31

- 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: -60.479 ± 0.223 χ^2/NDF : 3307.8/16

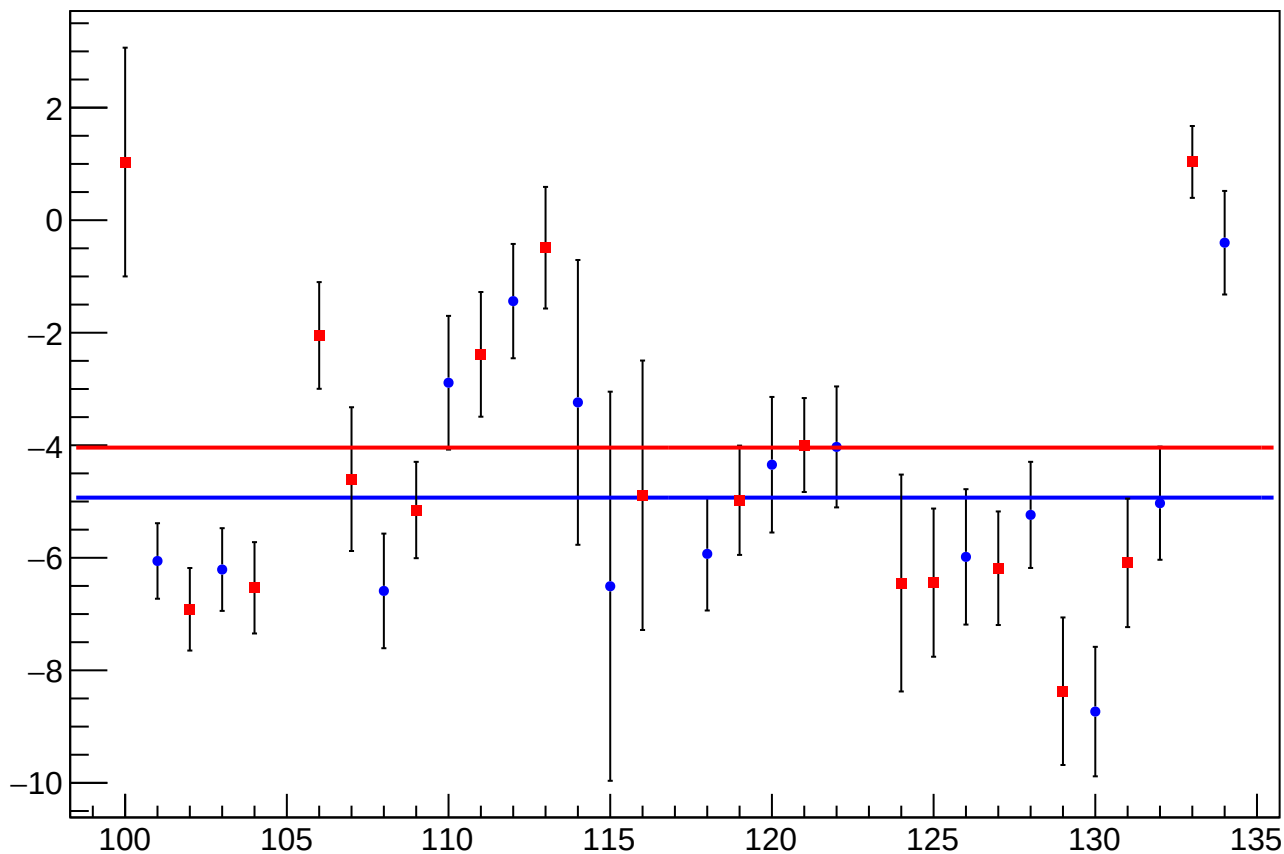
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -61.388 ± 0.163 χ^2/NDF : 6575.9/31

- 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: -4.041 ± 0.245 χ^2/NDF : 138.1/16

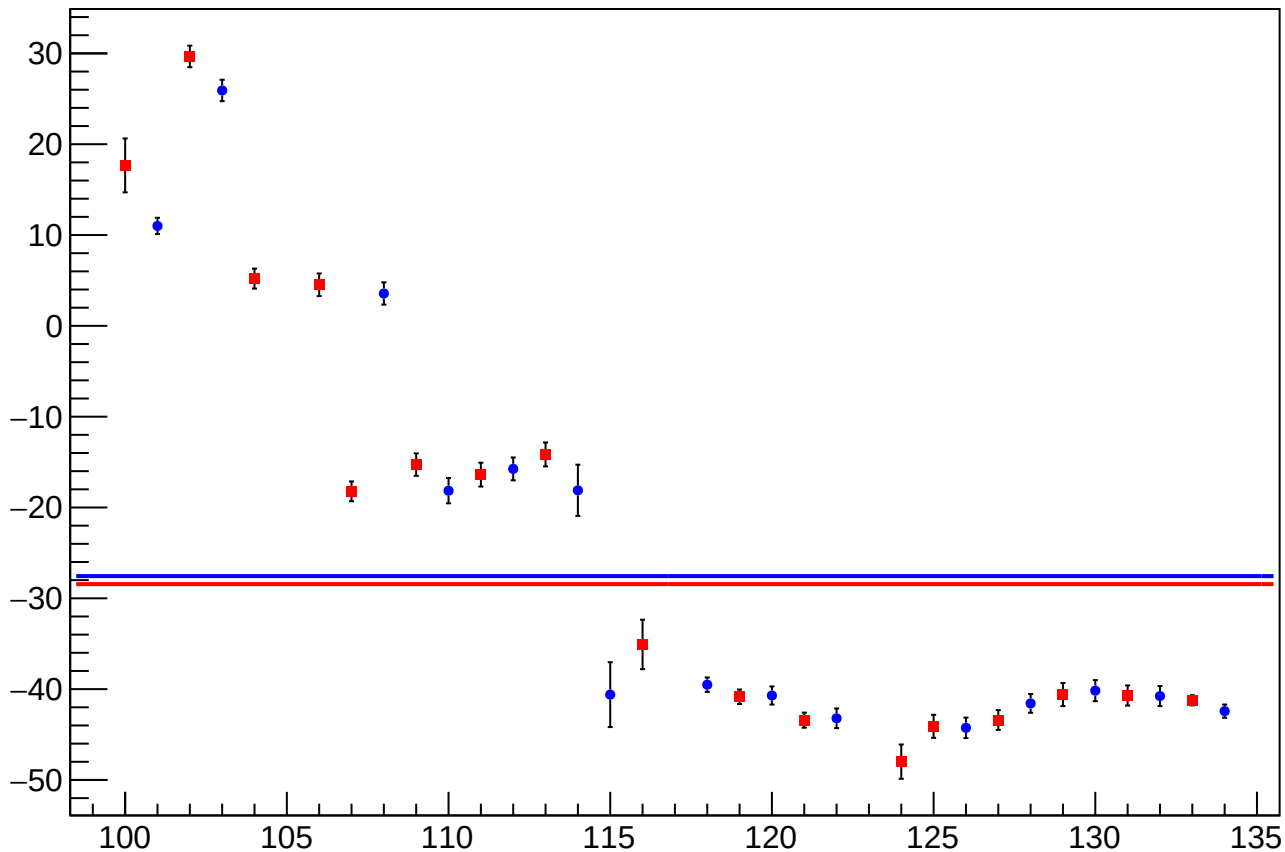
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.451 ± 0.180 χ^2/NDF : 206.0/31

- 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: -28.439 ± 0.263 χ^2/NDF : 6433.4/16

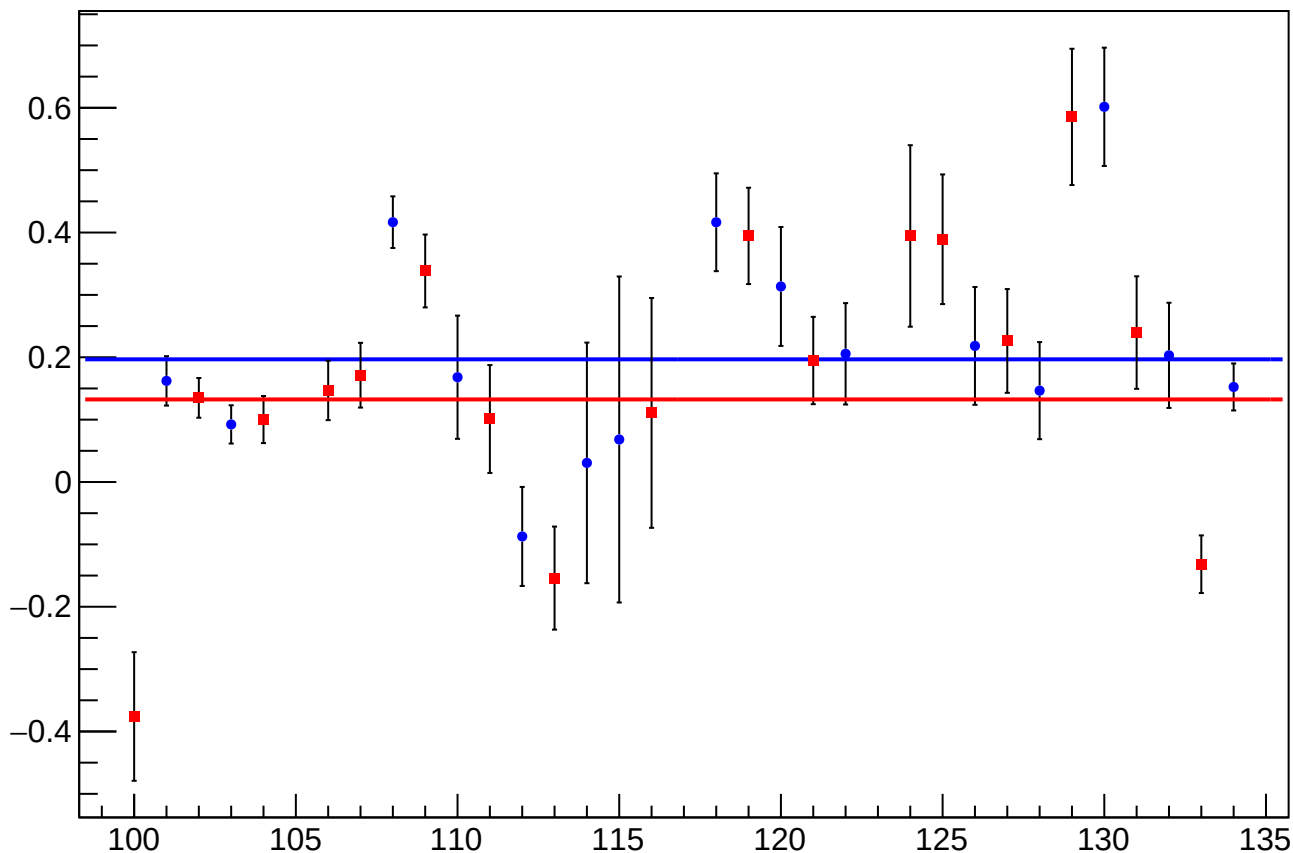
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -28.027 ± 0.192 χ^2/NDF : 12838.9/31

- 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: 0.132 $\pm$ 0.015 χ^2 /NDF: 124.5/16

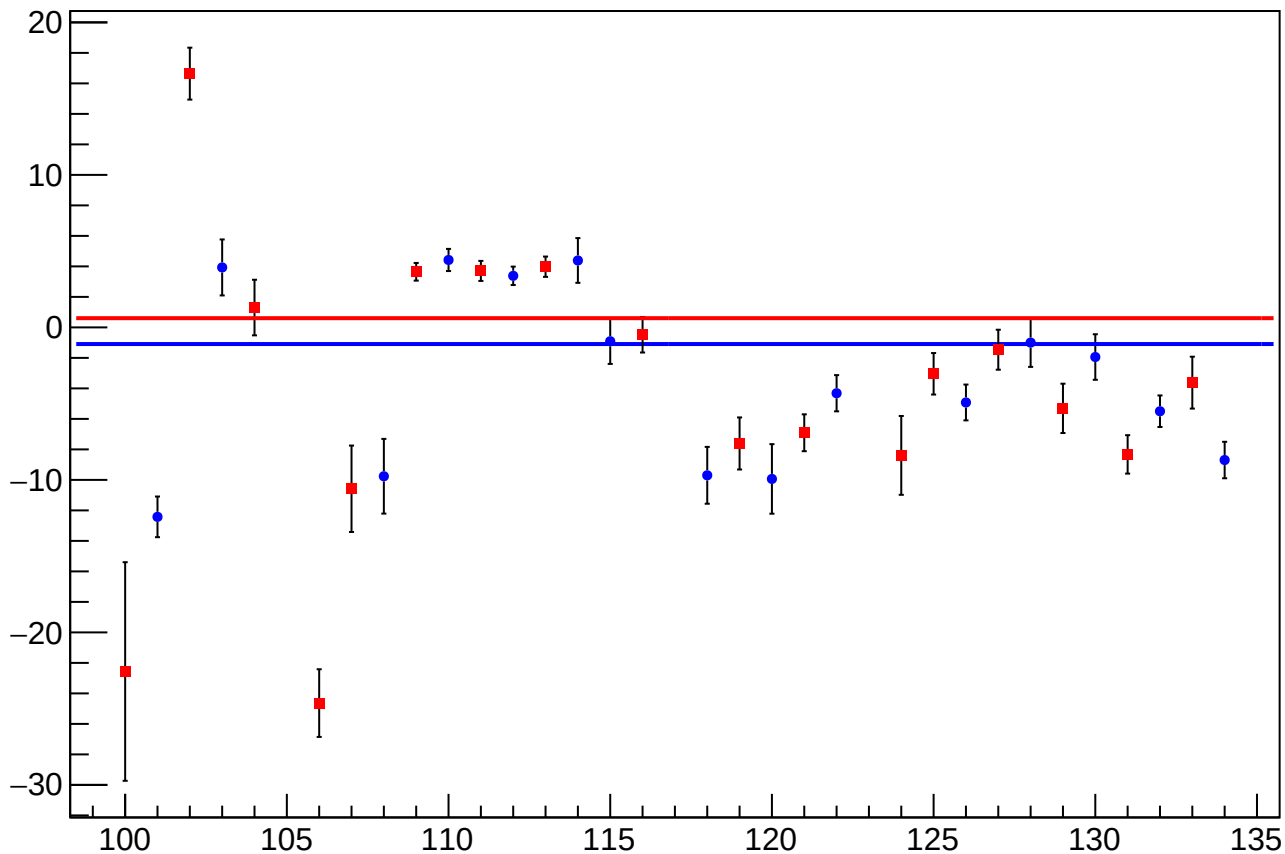
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.163 $\pm$ 0.011 χ^2 /NDF: 217.4/31

- 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+/-0.302 χ^2/NDF : 332.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.604+/-0.278 χ^2/NDF : 474.0/16

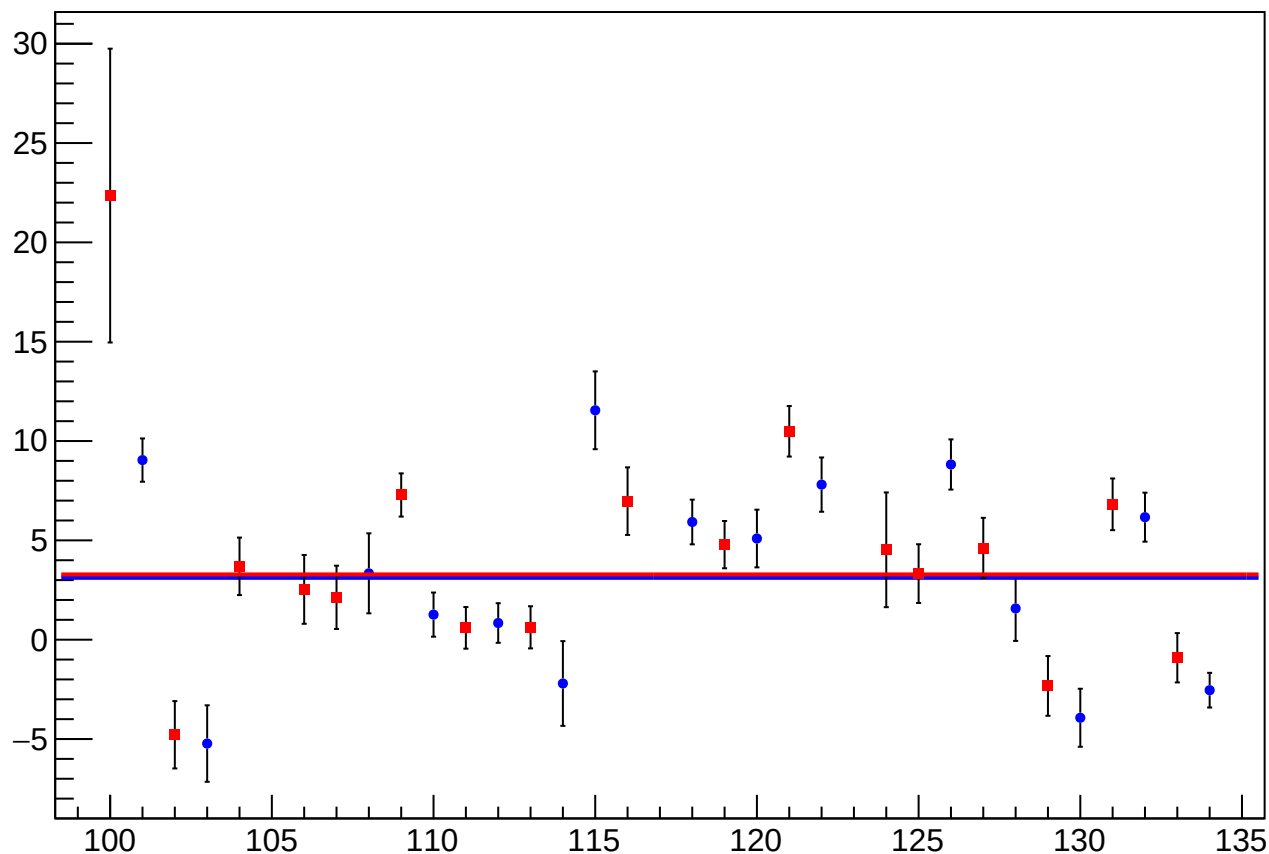
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.174+/-0.205 χ^2/NDF : 823.0/31

- sign 0.000+/-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: 3.286+/-0.341 χ^2/NDF : 128.6/16

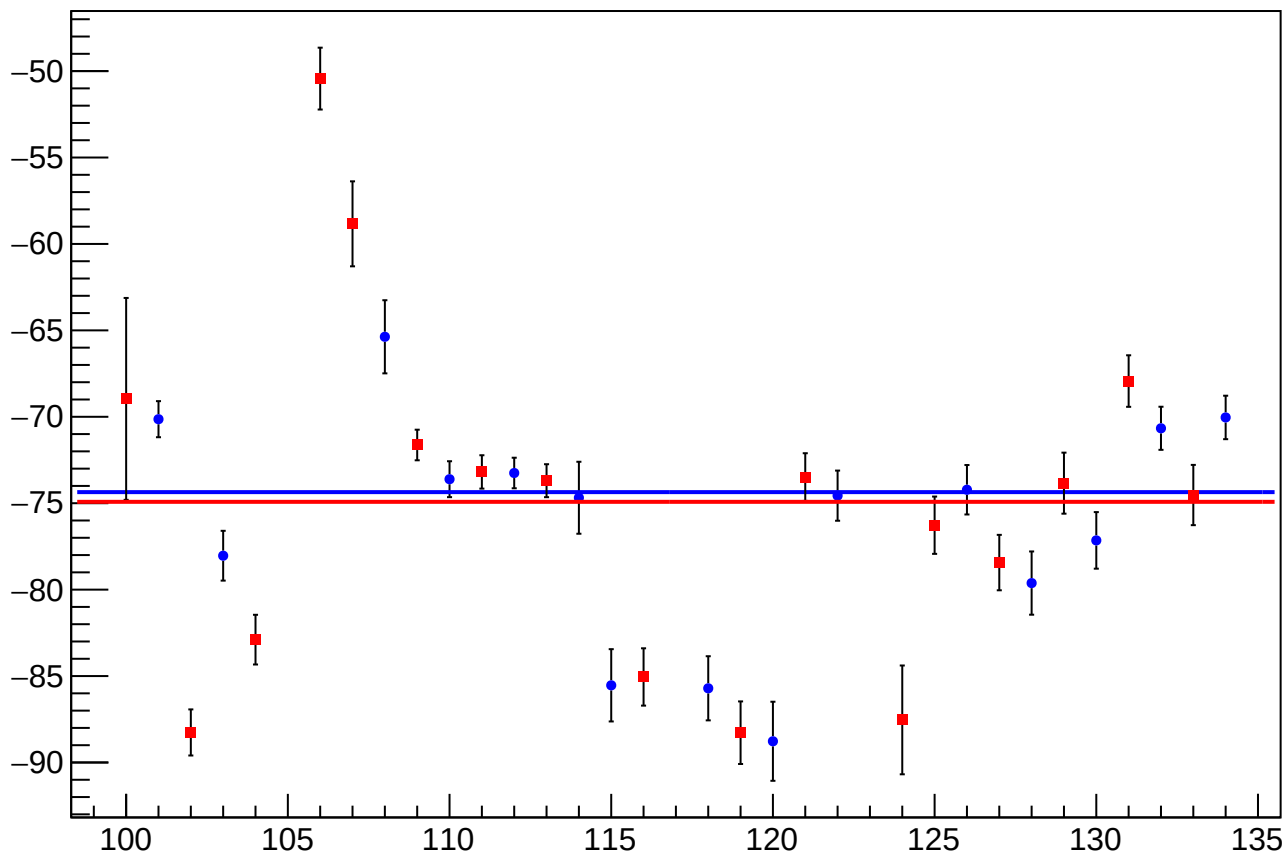
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.199+/-0.239 χ^2/NDF : 322.3/31

- 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 $\pm$ 0.361 χ^2 /NDF: 180.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -74.920 $\pm$ 0.350 χ^2 /NDF: 517.4/16

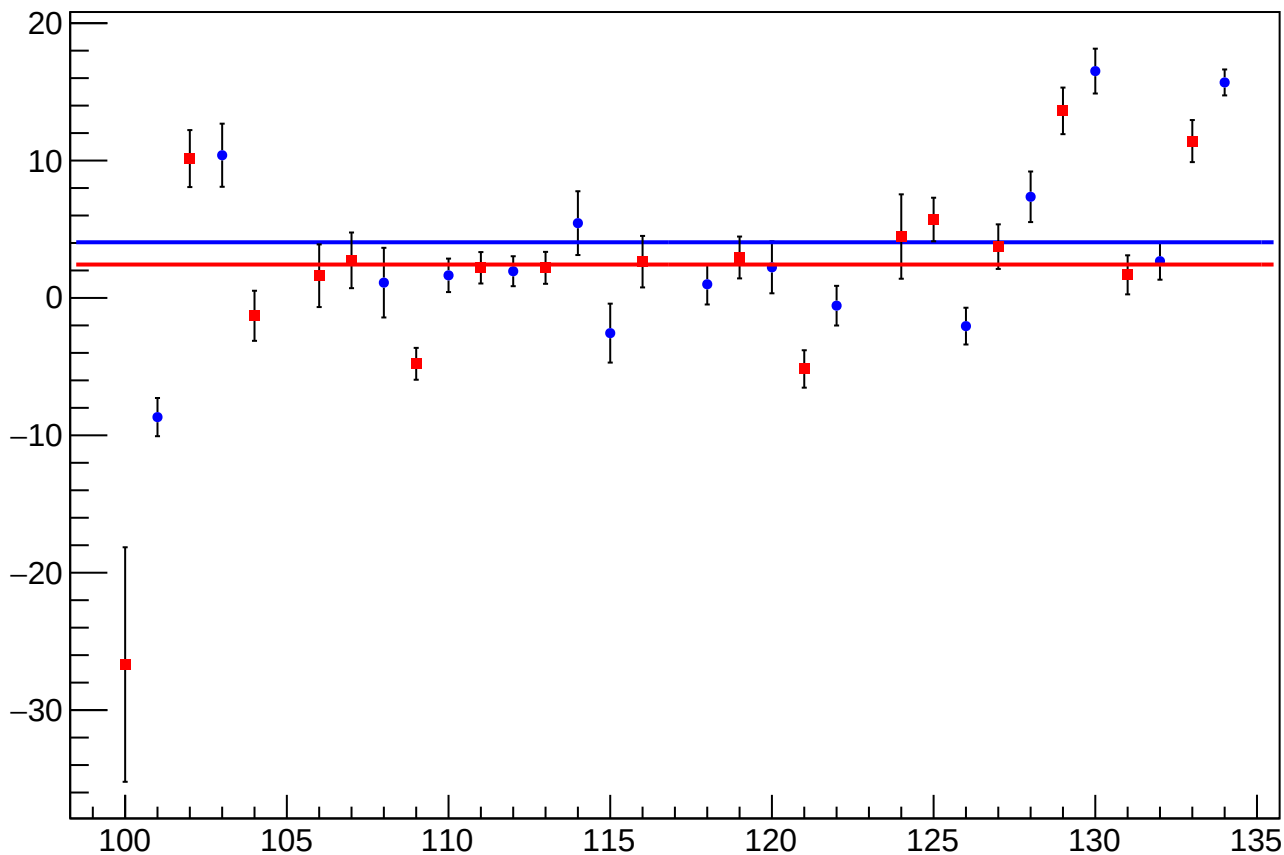
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -74.648 $\pm$ 0.251 χ^2 /NDF: 699.1/31

- sign 0.000 $\pm$ 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: 2.432 $\pm$ 0.388 χ^2 /NDF: 183.6/16

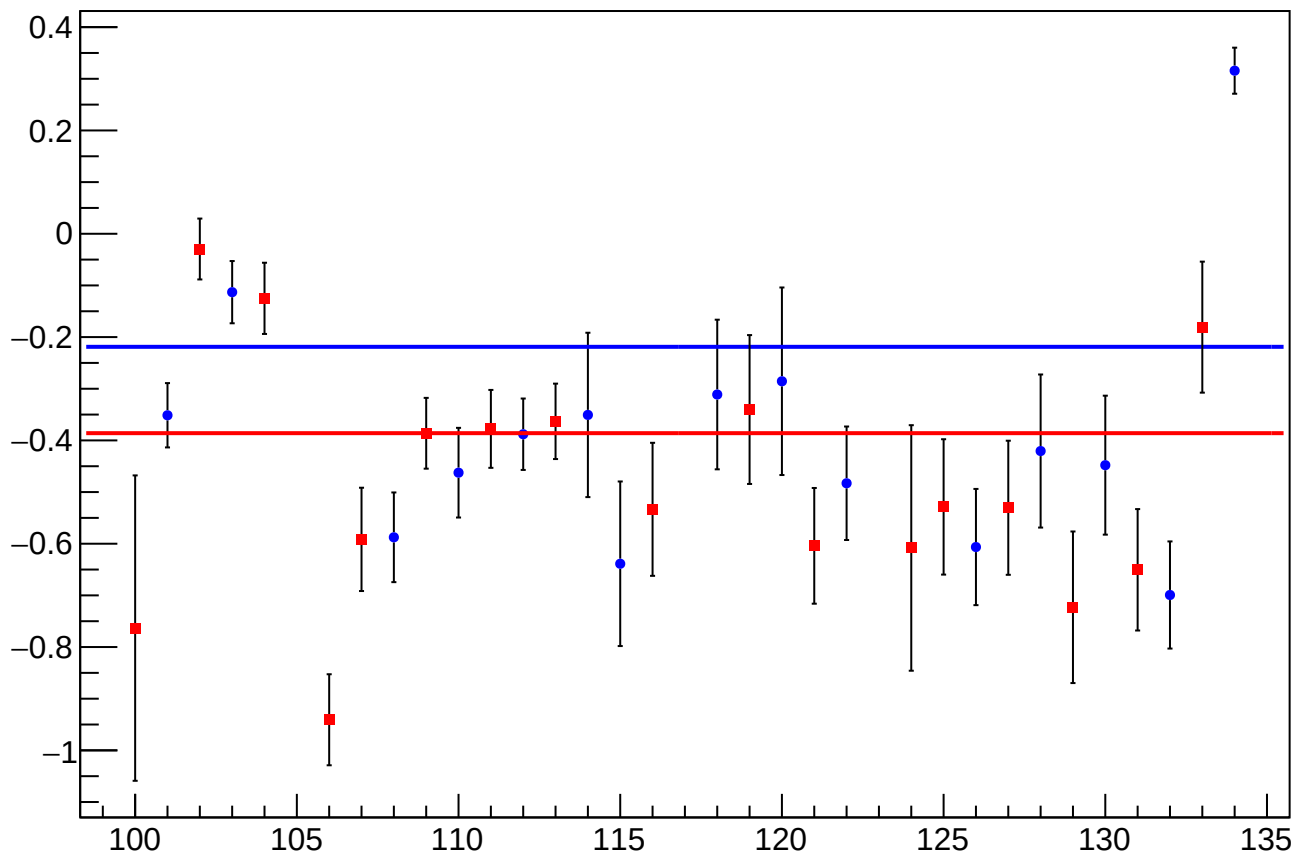
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.258 $\pm$ 0.272 χ^2 /NDF: 553.3/31

- 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 $\pm$ 0.022 χ^2 /NDF: 235.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.386 $\pm$ 0.023 χ^2 /NDF: 118.0/16

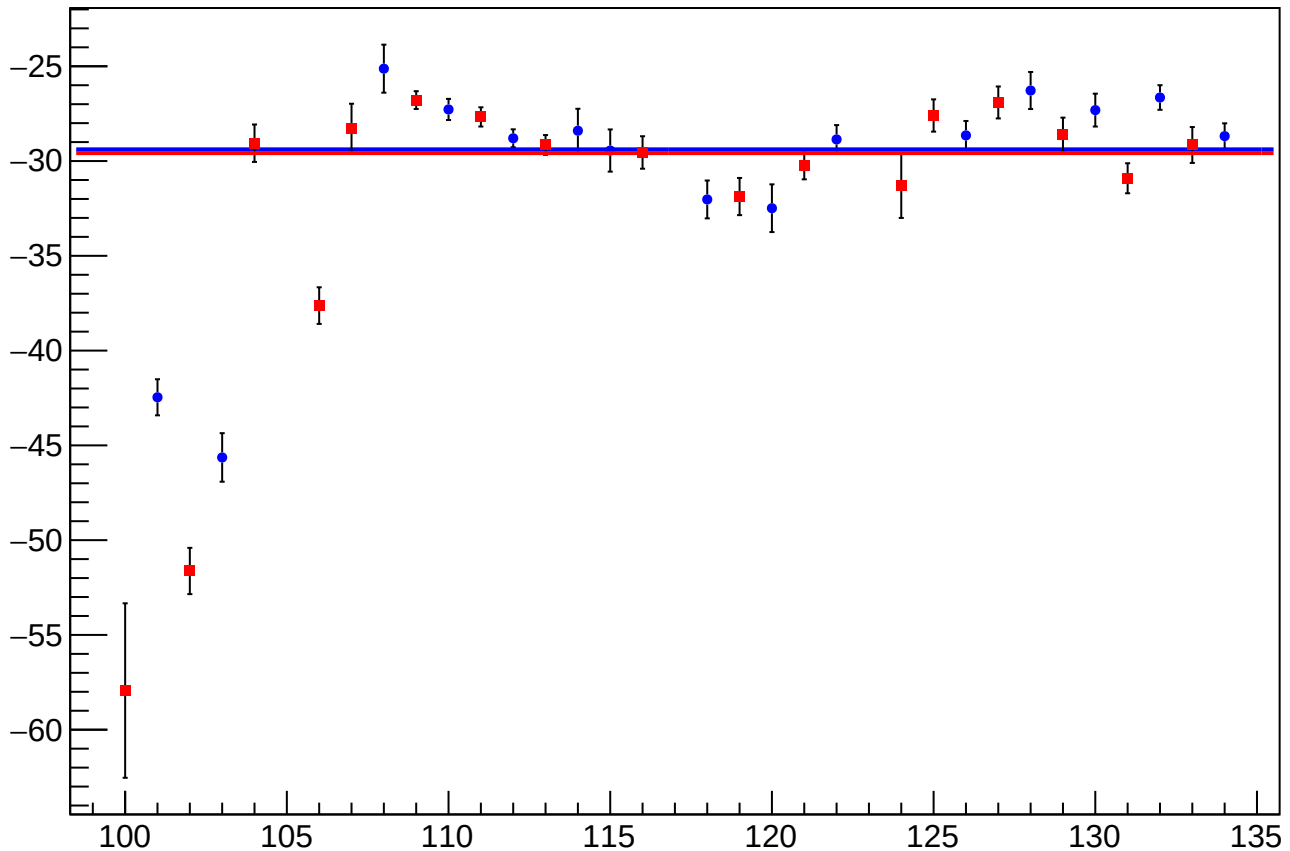
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.298 $\pm$ 0.016 χ^2 /NDF: 380.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: -29.383 ± 0.206 $\chi^2/\text{NDF}: 426.7/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -29.581 ± 0.193 $\chi^2/\text{NDF}: 512.3/16$

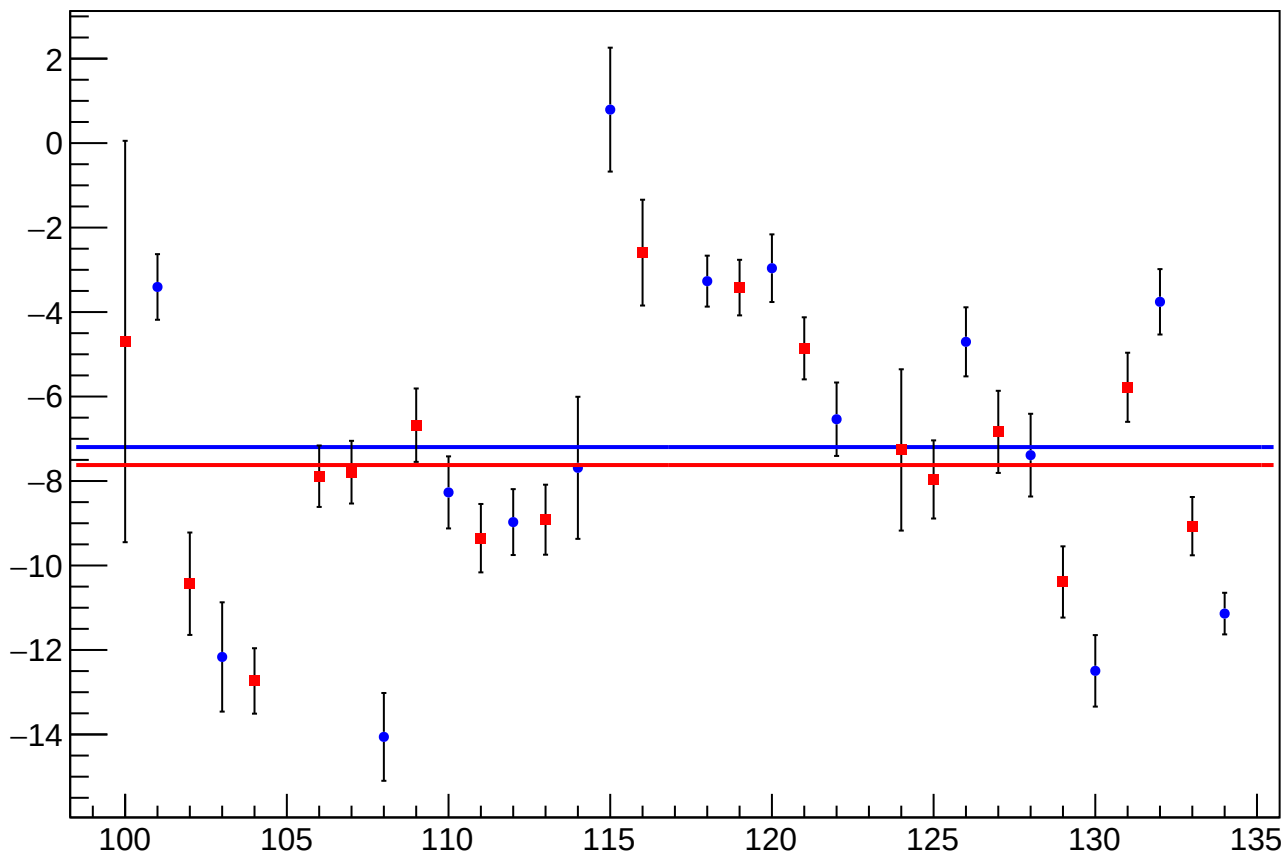
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -29.489 ± 0.141 $\chi^2/\text{NDF}: 939.4/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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: -7.622 ± 0.210 χ^2/NDF : 149.8/16

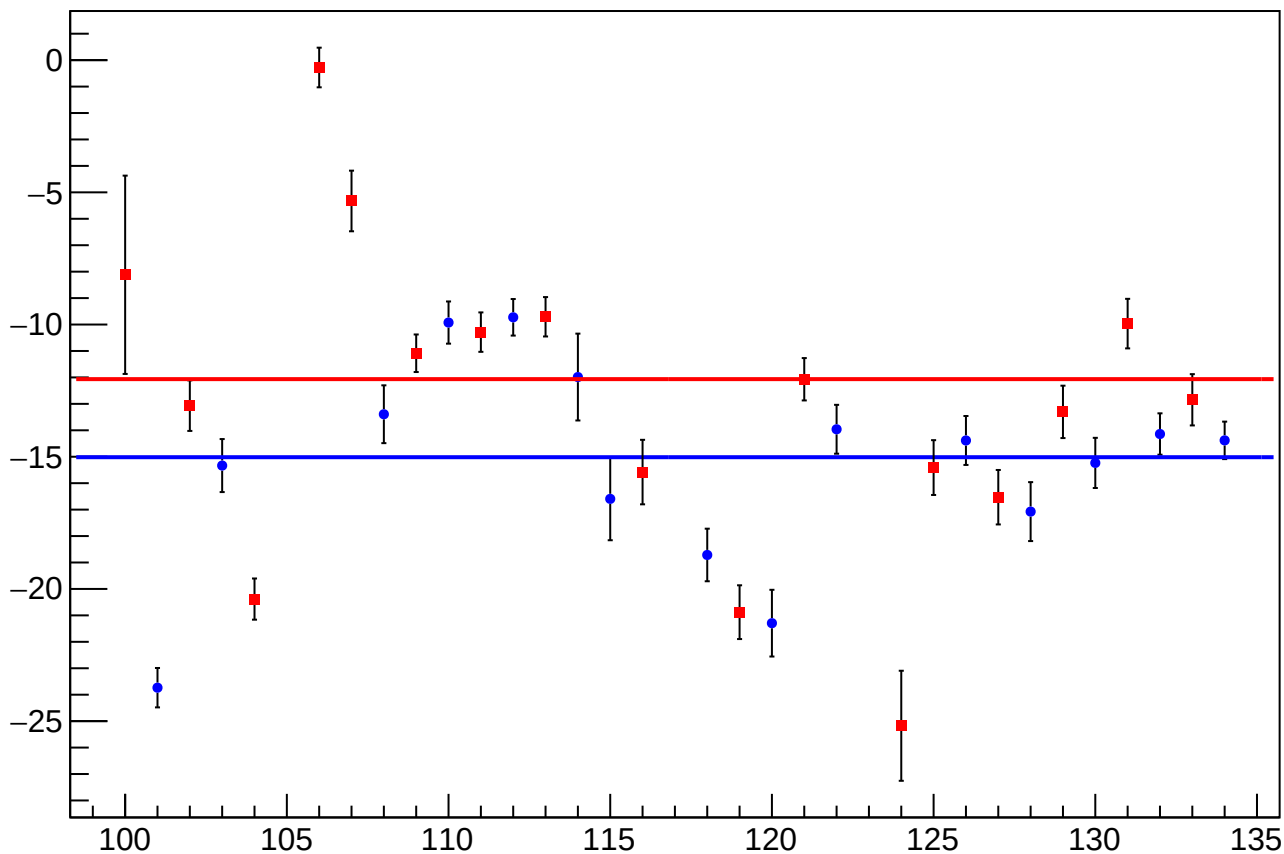
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.411 ± 0.149 χ^2/NDF : 473.7/31

- 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 χ^2/NDF : 288.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -12.065 ± 0.227 χ^2/NDF : 575.2/16

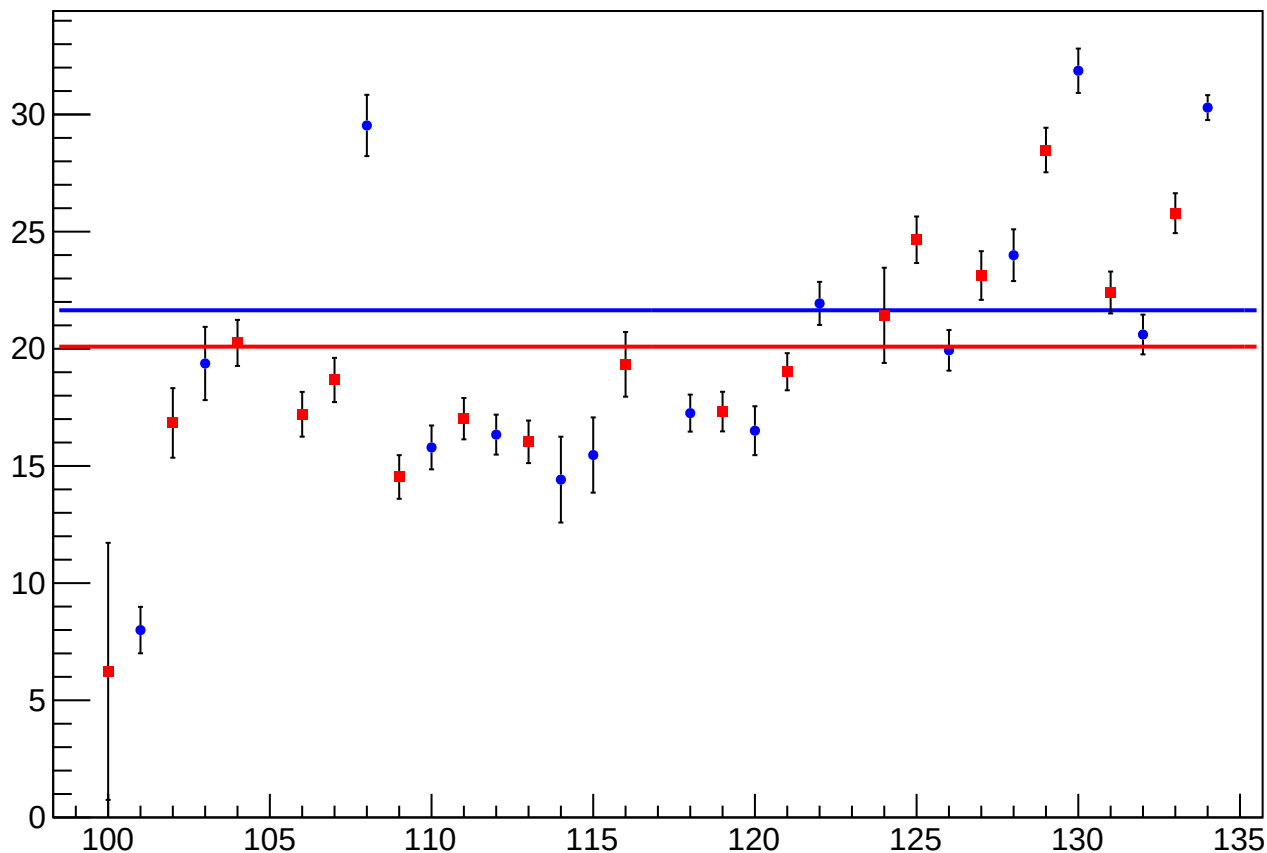
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.467 ± 0.164 χ^2/NDF : 944.6/31

- sign 0.000 ± 0.000 χ^2/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: 20.092 $\pm$ 0.244 χ^2 /NDF: 262.7/16

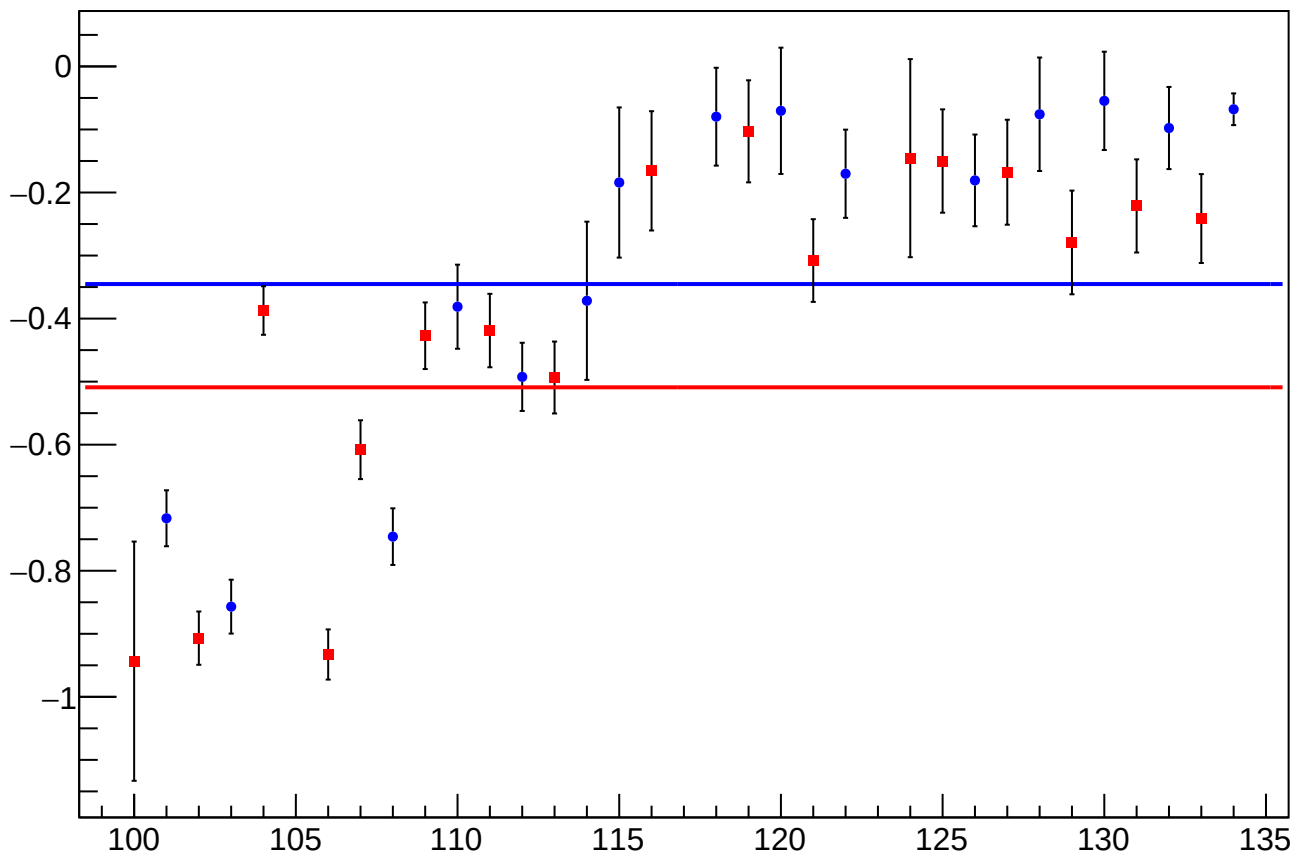
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.874 $\pm$ 0.172 χ^2 /NDF: 1065.3/31

- 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: -0.509 ± 0.015 χ^2/NDF : 353.1/16

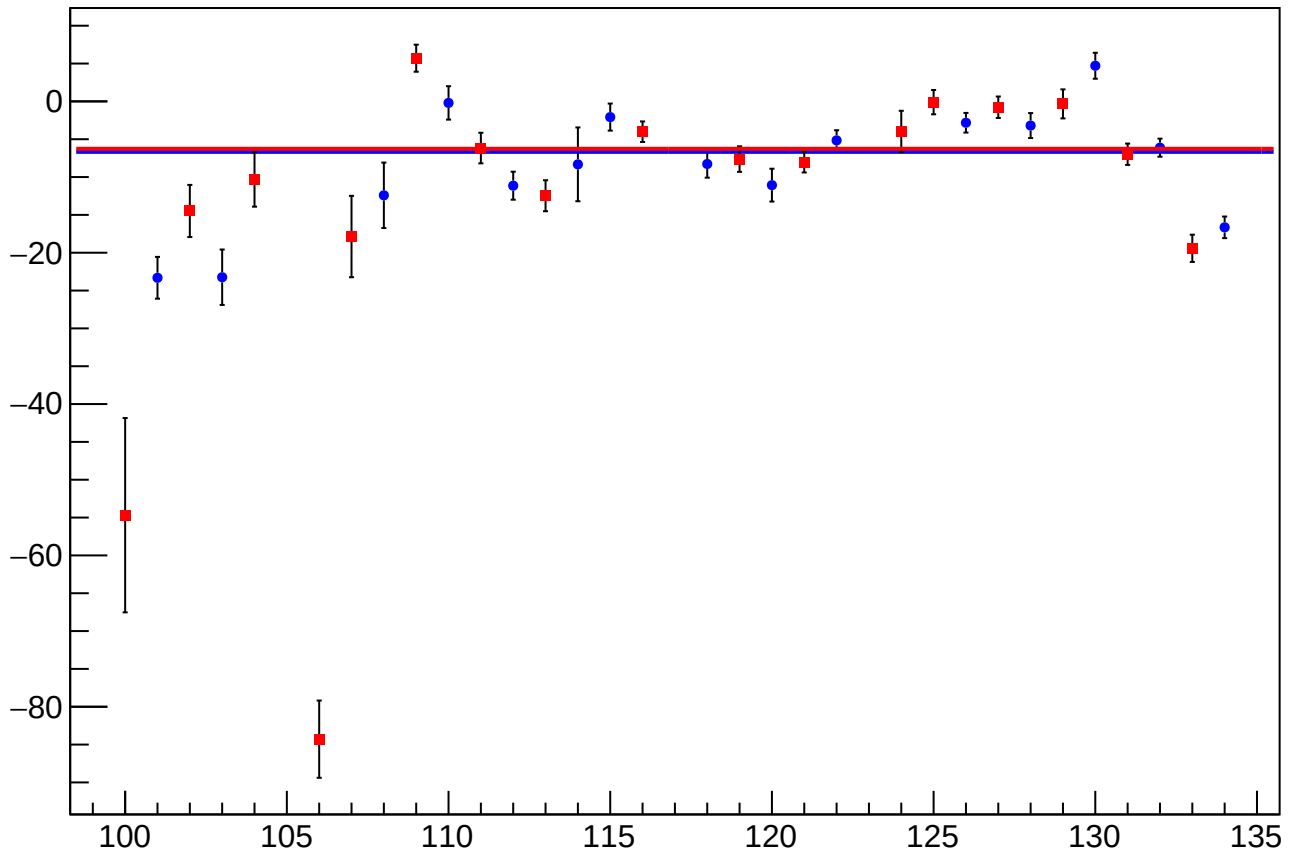
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.424 ± 0.010 χ^2/NDF : 909.9/31

- 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: -6.266 $\pm$ 0.468 χ^2 /NDF: 412.2/16

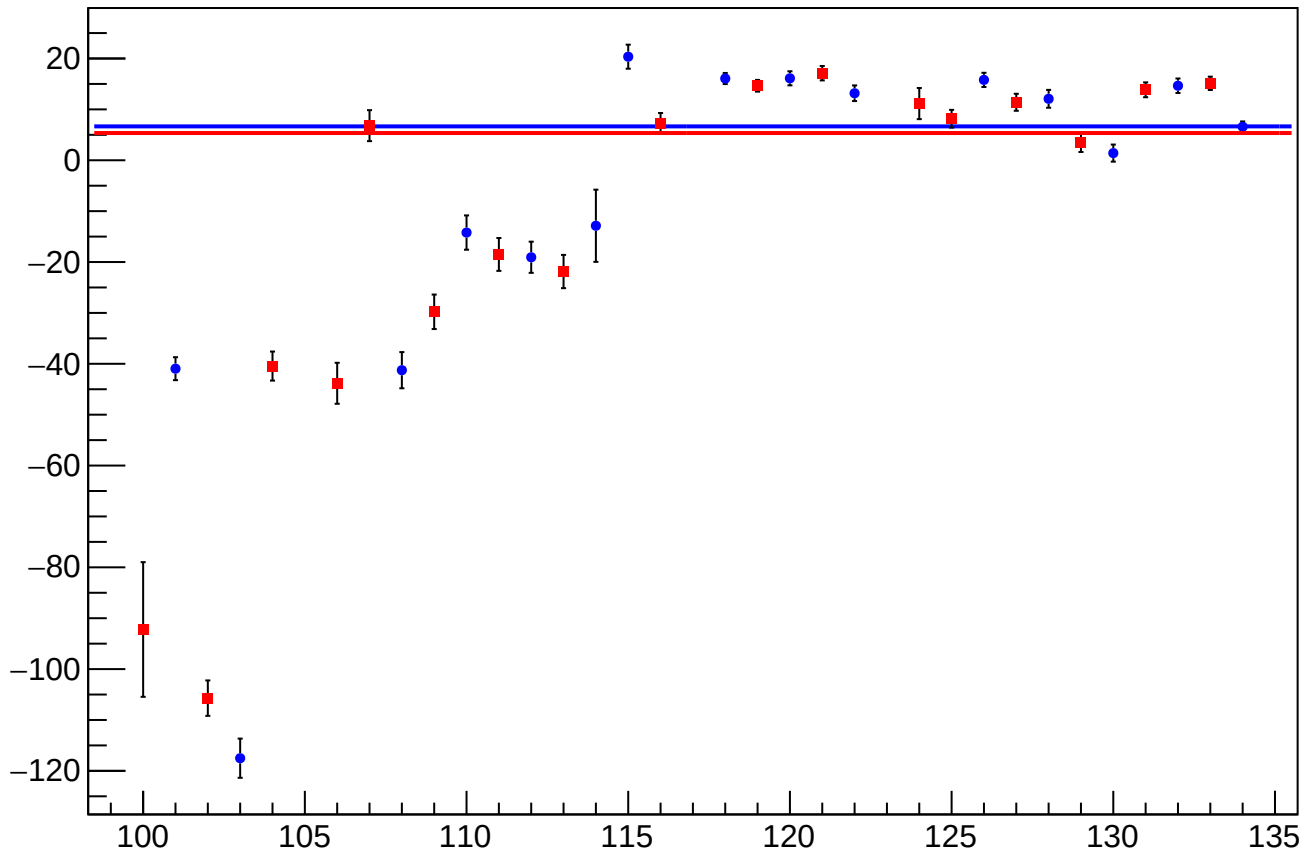
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.470 $\pm$ 0.329 χ^2 /NDF: 604.8/31

- 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+/-0.441 χ^2/NDF : 2048.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.354+/-0.481 χ^2/NDF : 1955.1/16

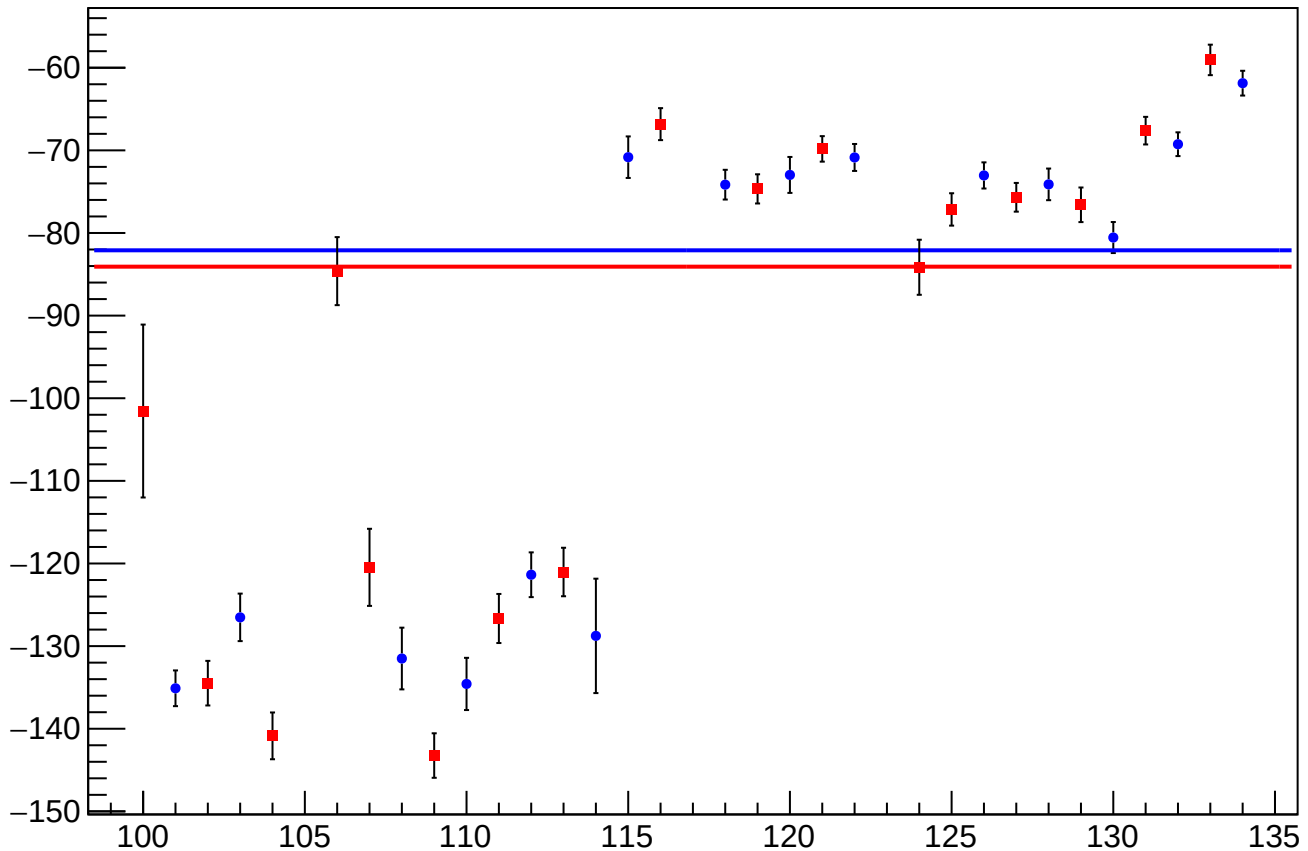
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.063+/-0.325 χ^2/NDF : 4008.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -82.097 $\pm$ 0.527 χ^2 /NDF: 1963.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -84.076 $\pm$ 0.549 χ^2 /NDF: 2184.4/16

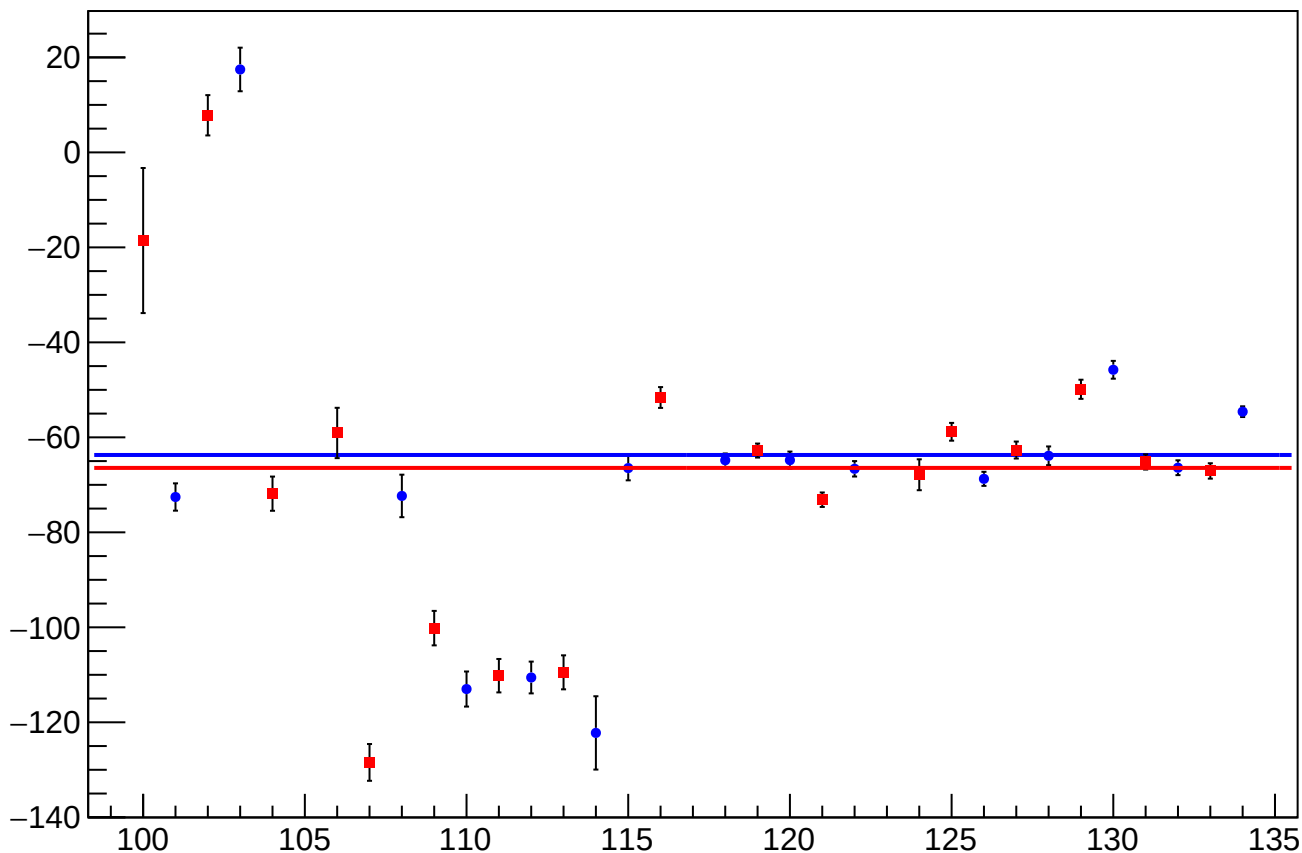
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -83.045 $\pm$ 0.380 χ^2 /NDF: 4155.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.712 $\pm$ 0.505 χ^2 /NDF: 934.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -66.436 $\pm$ 0.552 χ^2 /NDF: 1122.9/16

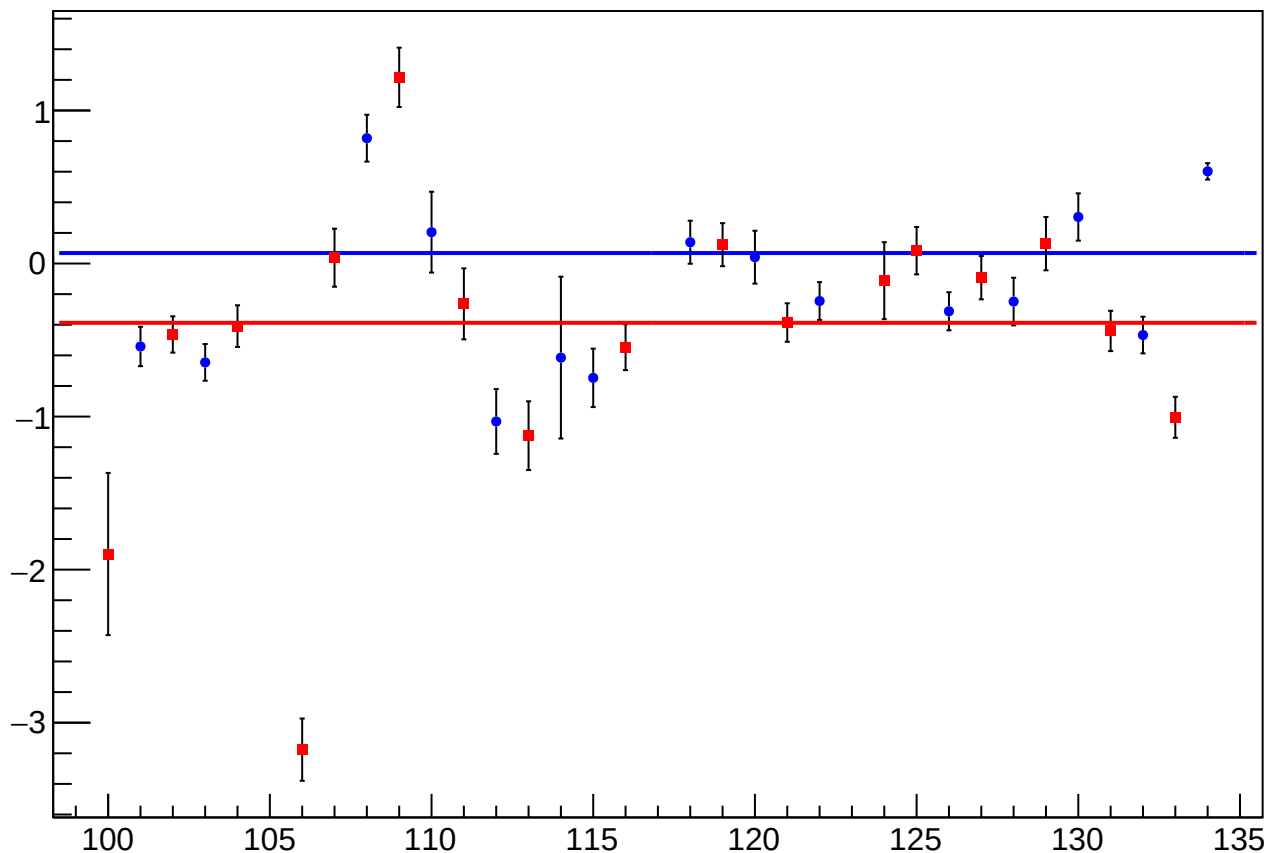
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -64.954 $\pm$ 0.373 χ^2 /NDF: 2070.4/31

- sign 0.000 $\pm$ 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: -0.387+/-0.039 χ^2/NDF : 340.4/16

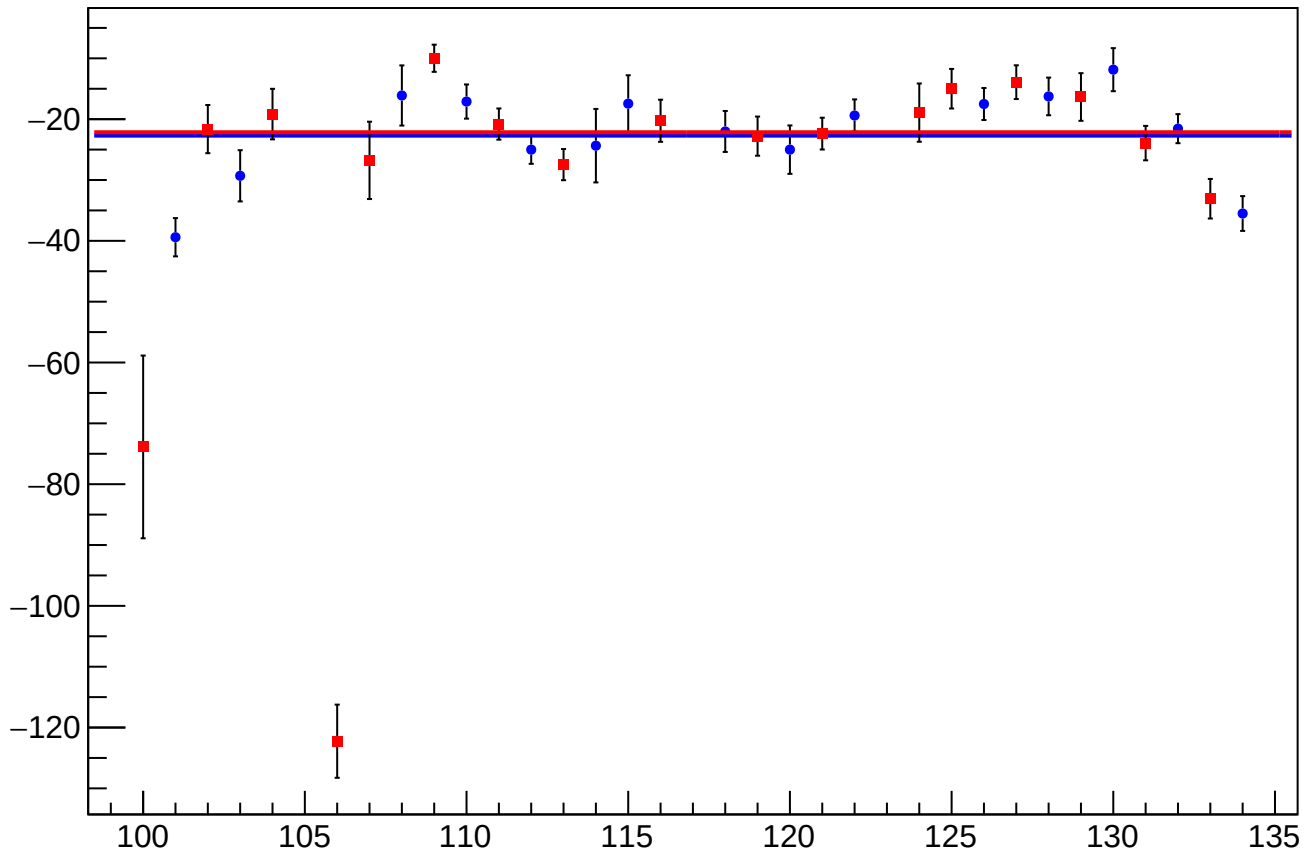
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.118+/-0.025 χ^2/NDF : 691.6/31

- 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: -22.150 $\pm$ 0.800 χ^2 /NDF: 352.5/16

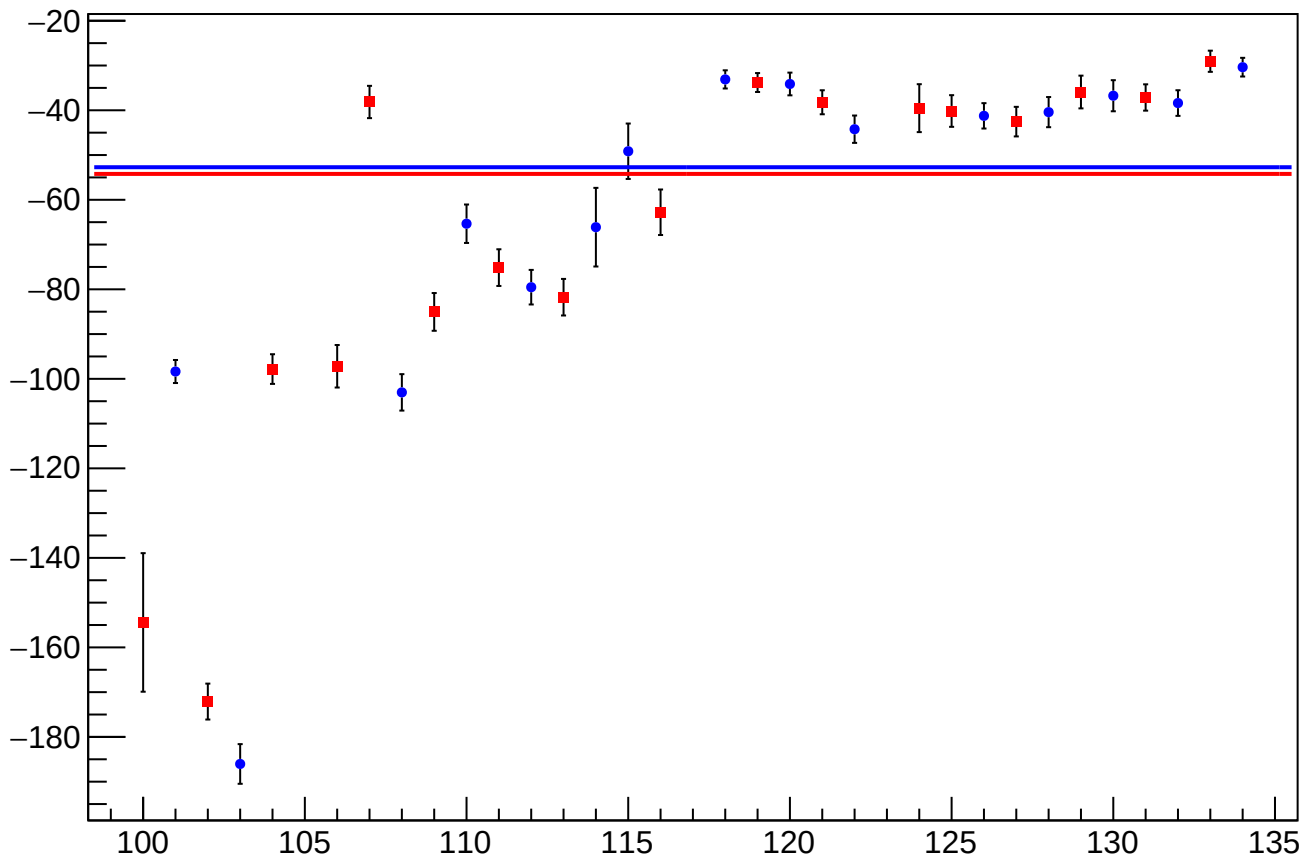
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -22.422 $\pm$ 0.571 χ^2 /NDF: 431.3/31

- 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: -54.217 $\pm$ 0.836 χ^2 /NDF: 1644.6/16

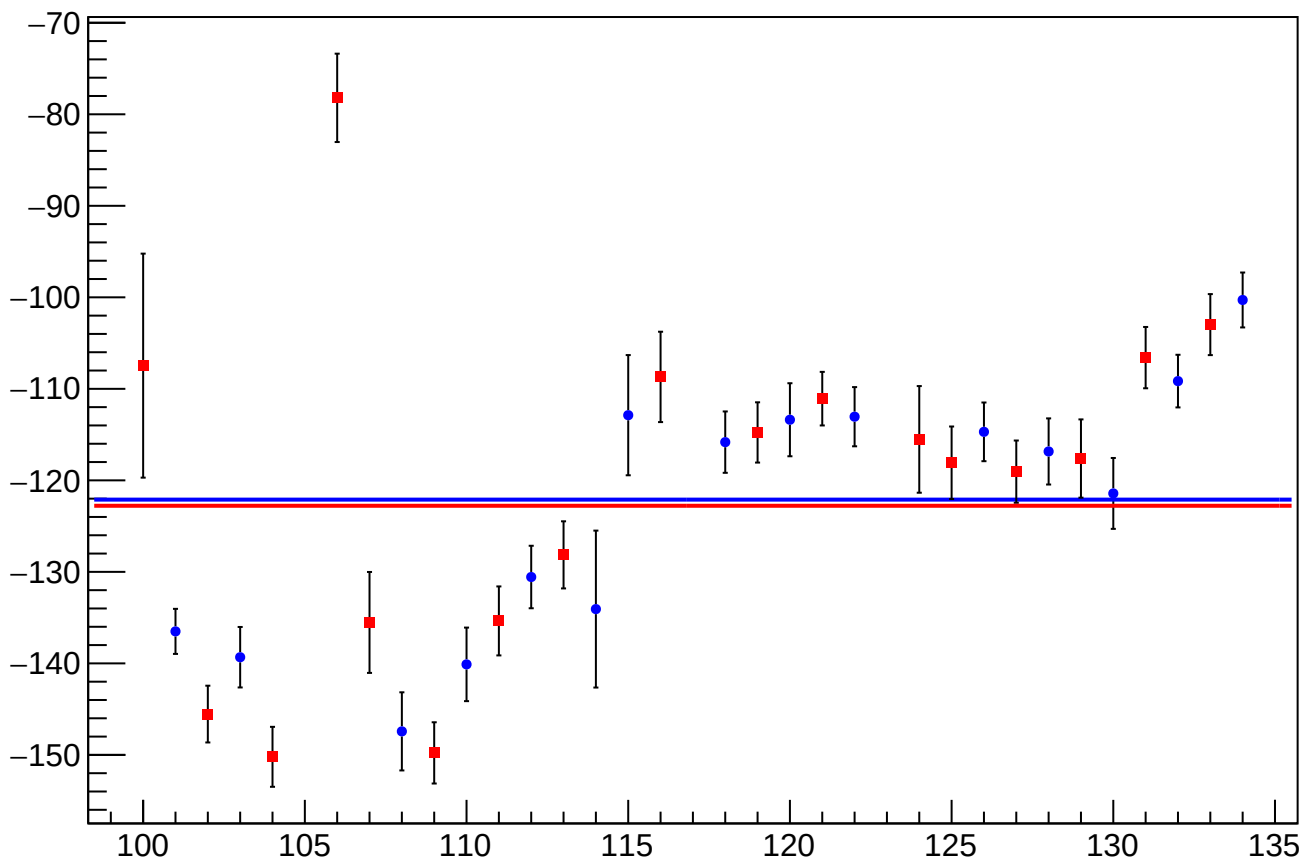
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -53.434 $\pm$ 0.577 χ^2 /NDF: 3423.1/31

- 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 $\chi^2/\text{NDF}: 223.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -122.777 ± 0.922 $\chi^2/\text{NDF}: 388.8/16$

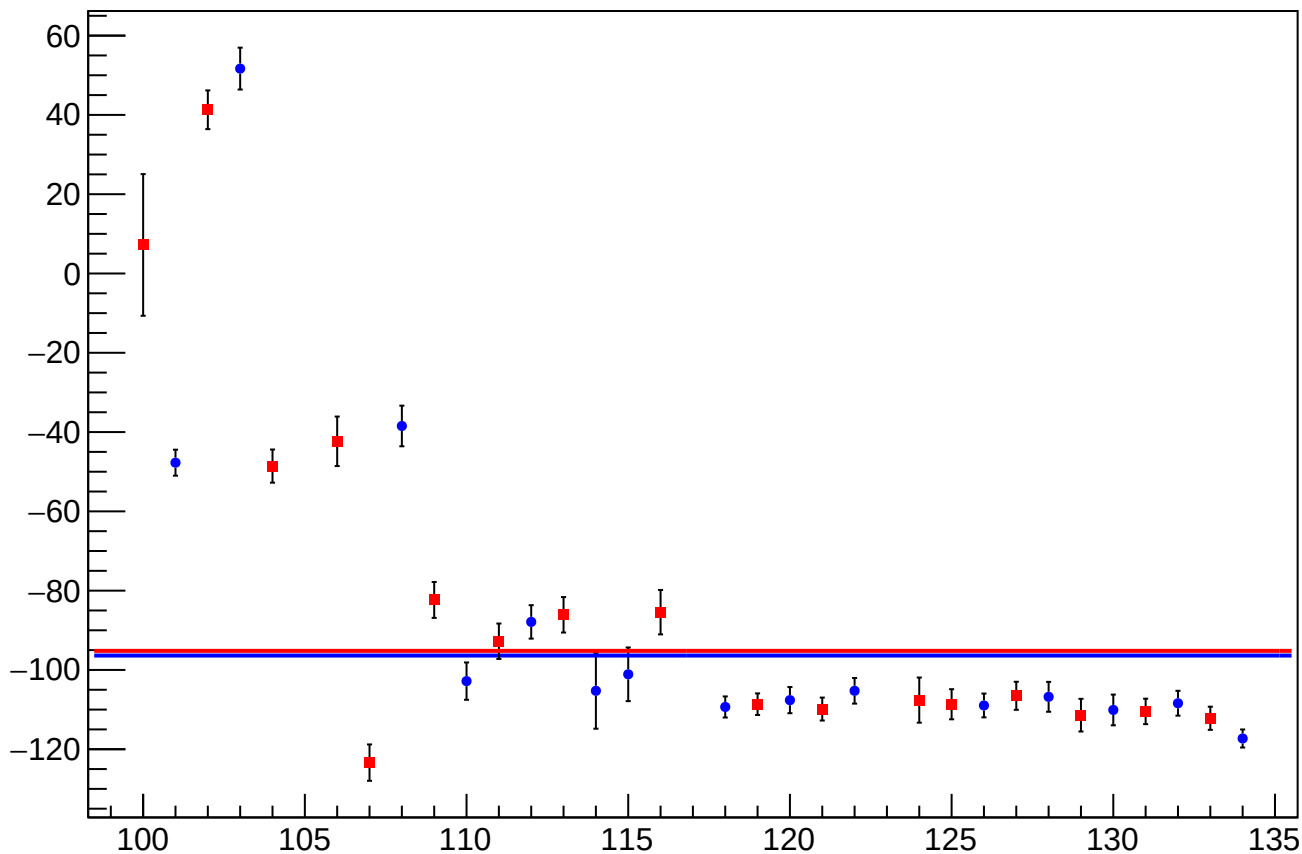
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -122.436 ± 0.646 $\chi^2/\text{NDF}: 612.5/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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: -95.186 $\pm$ 0.969 χ^2 /NDF: 1211.8/16

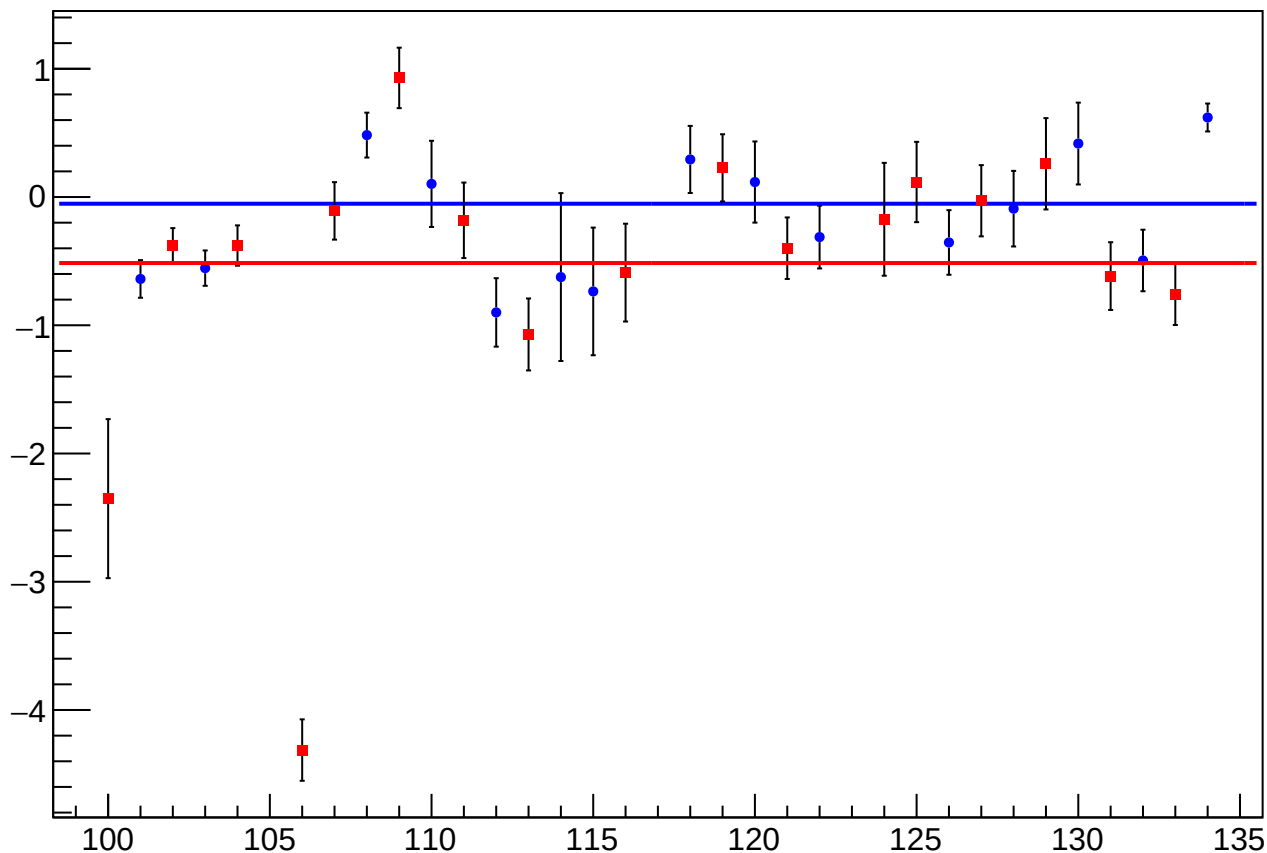
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -95.807 $\pm$ 0.669 χ^2 /NDF: 2534.0/31

- 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: -0.515+/-0.059 χ^2/NDF : 329.7/16

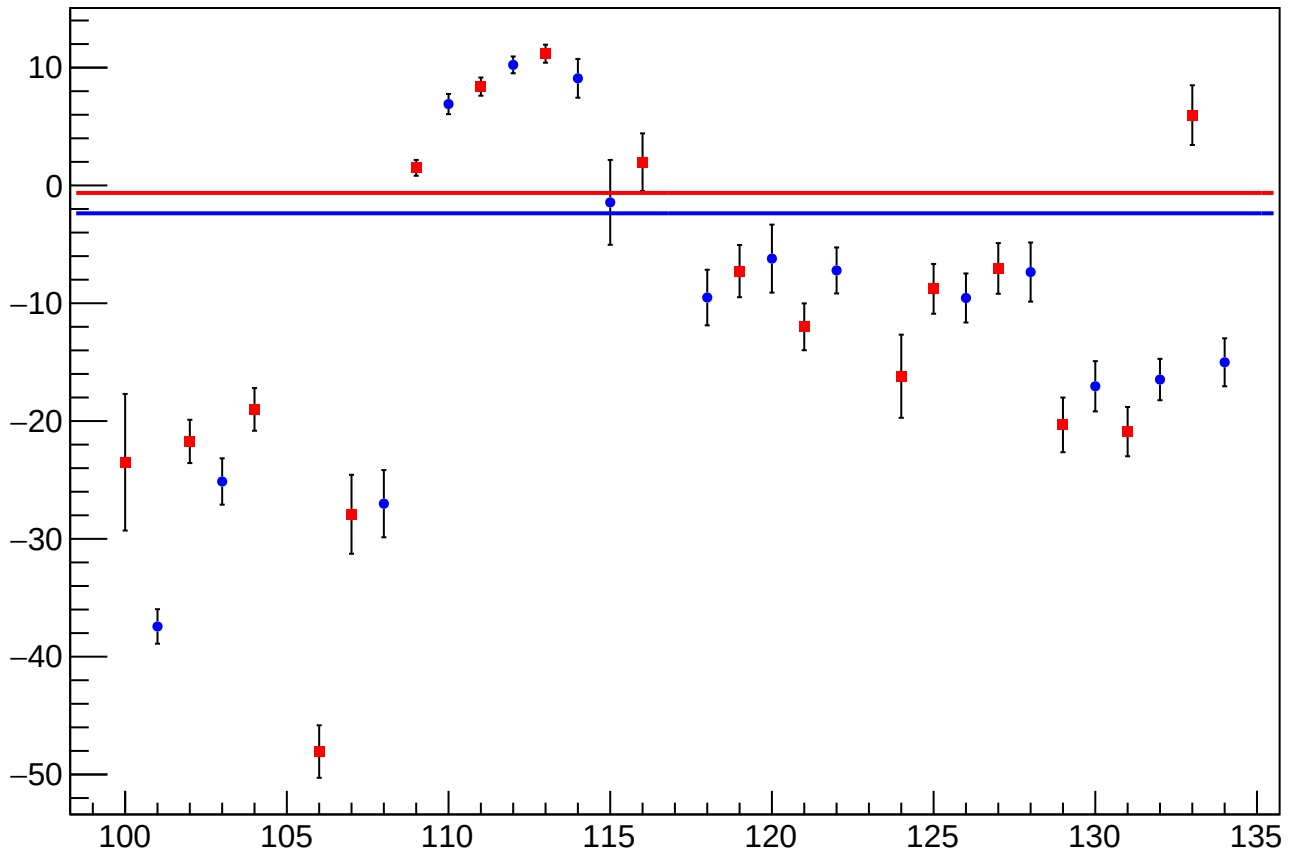
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.262+/-0.040 χ^2/NDF : 462.6/31

- 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: -0.636+/-0.349 χ^2/NDF : 1411.9/16

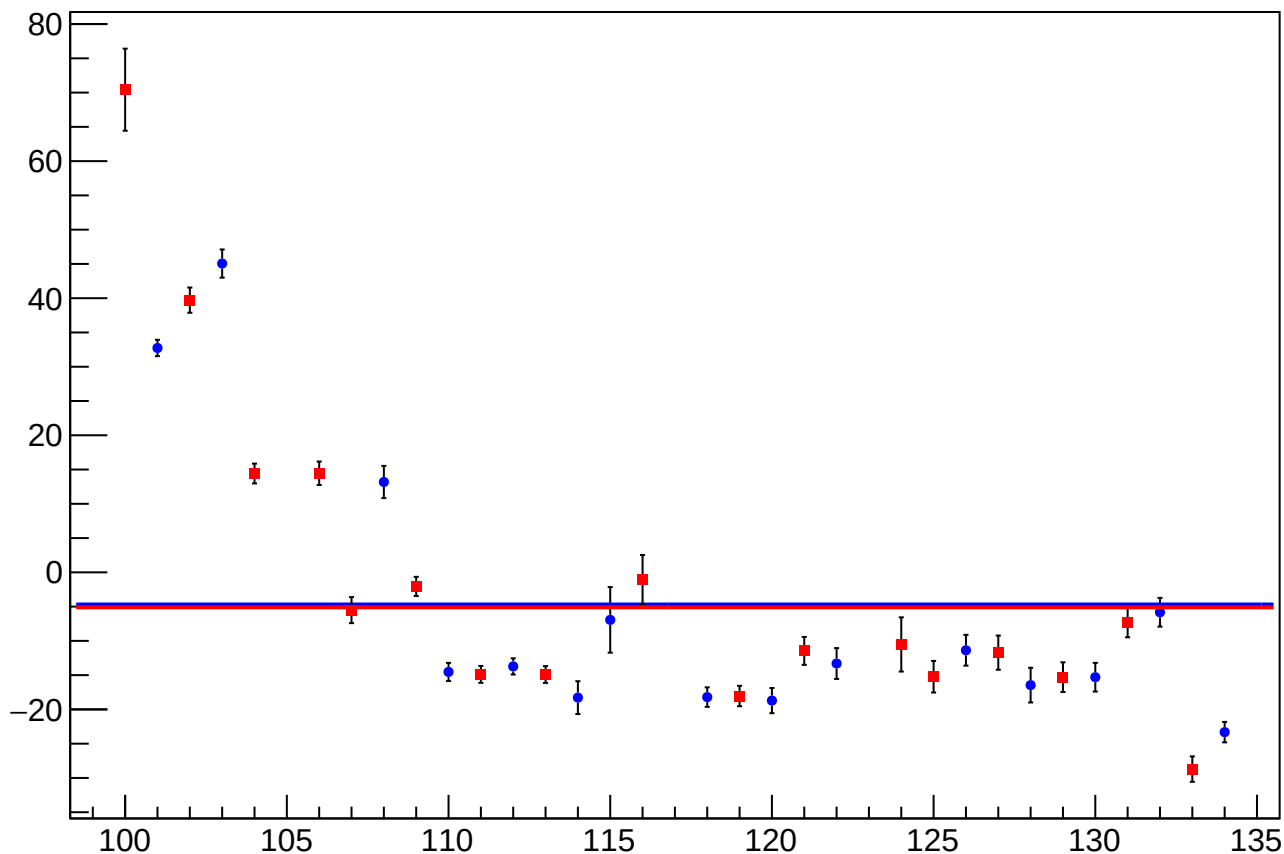
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.389+/-0.262 χ^2/NDF : 2864.9/31

- 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 ± 0.453 χ^2/NDF : 2147.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.107 ± 0.440 χ^2/NDF : 1497.3/16

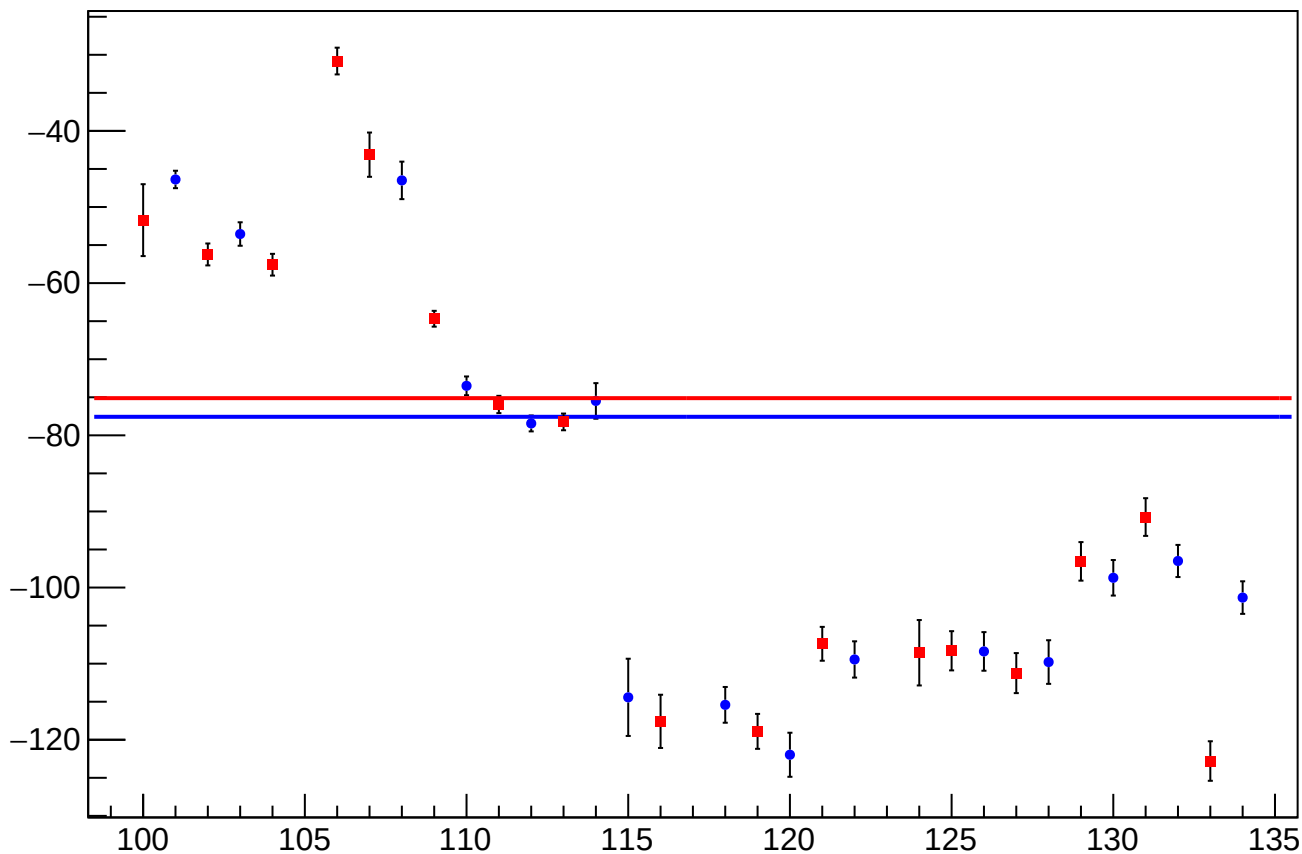
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.907 ± 0.316 χ^2/NDF : 3645.7/31

- sign 0.000 ± 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: -75.115+/-0.435 χ^2/NDF : 2797.4/16

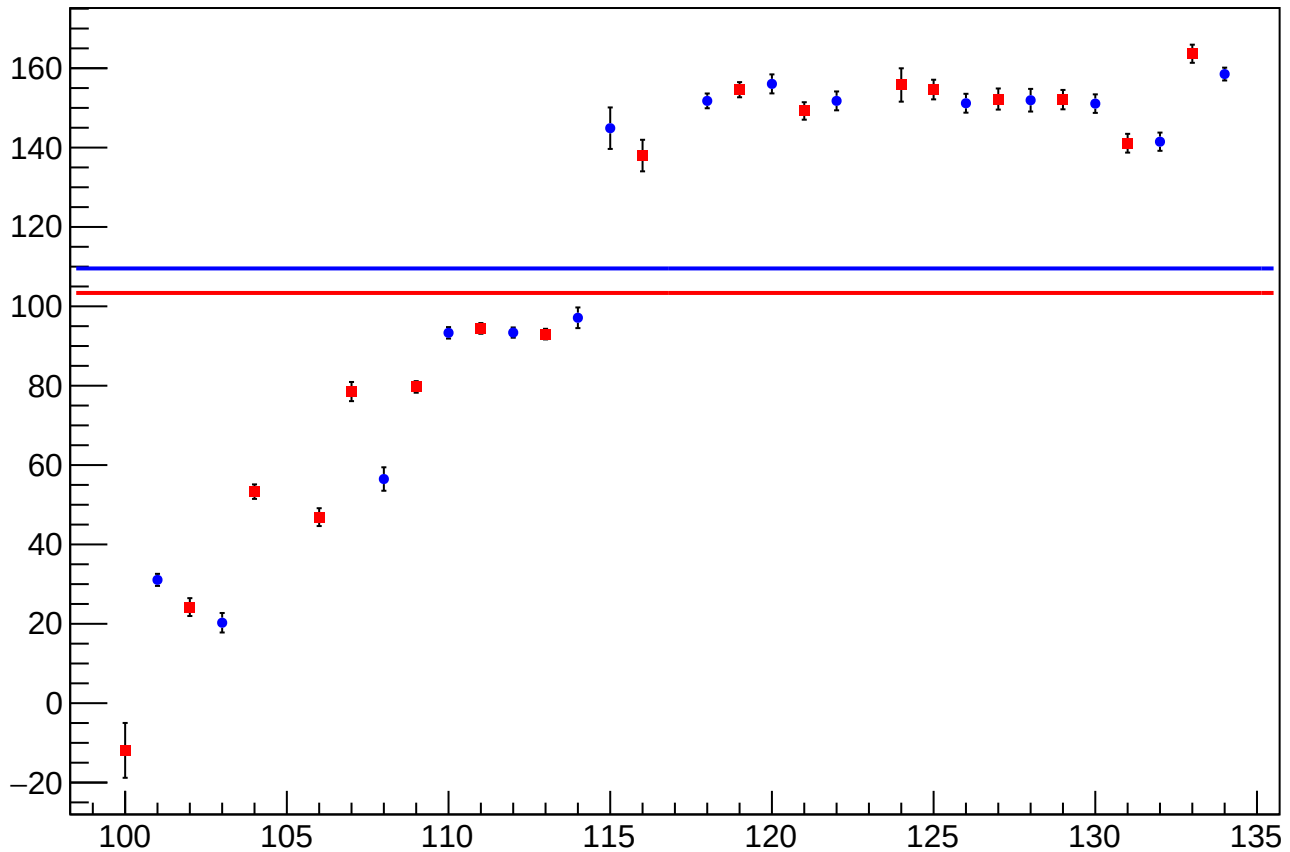
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -76.245+/-0.319 χ^2/NDF : 5253.0/31

- 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: 103.371 $\pm$ 0.506 χ^2 /NDF: 6874.6/16

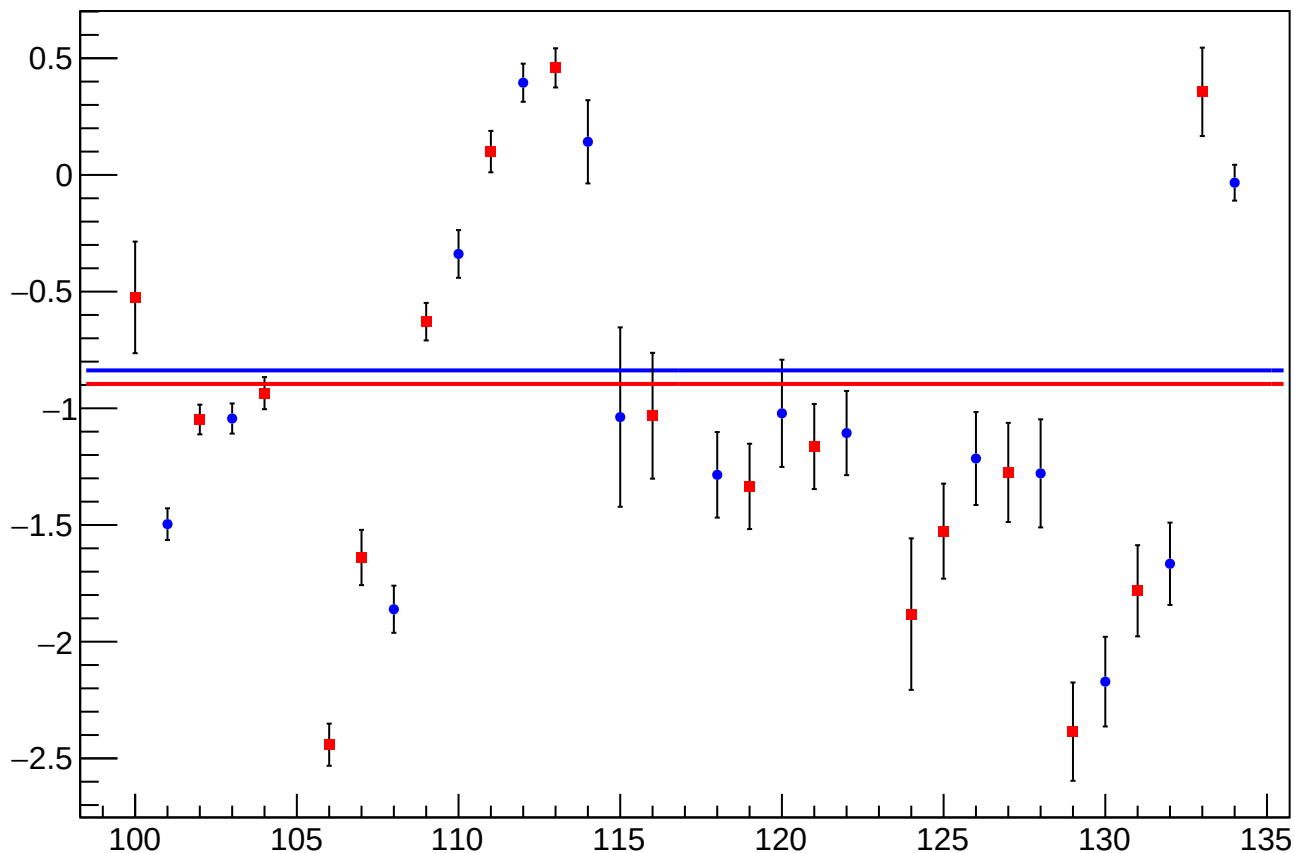
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 106.359 $\pm$ 0.363 χ^2 /NDF: 14763.7/31

- 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: -0.896+/-0.028 χ^2 /NDF: 882.9/16

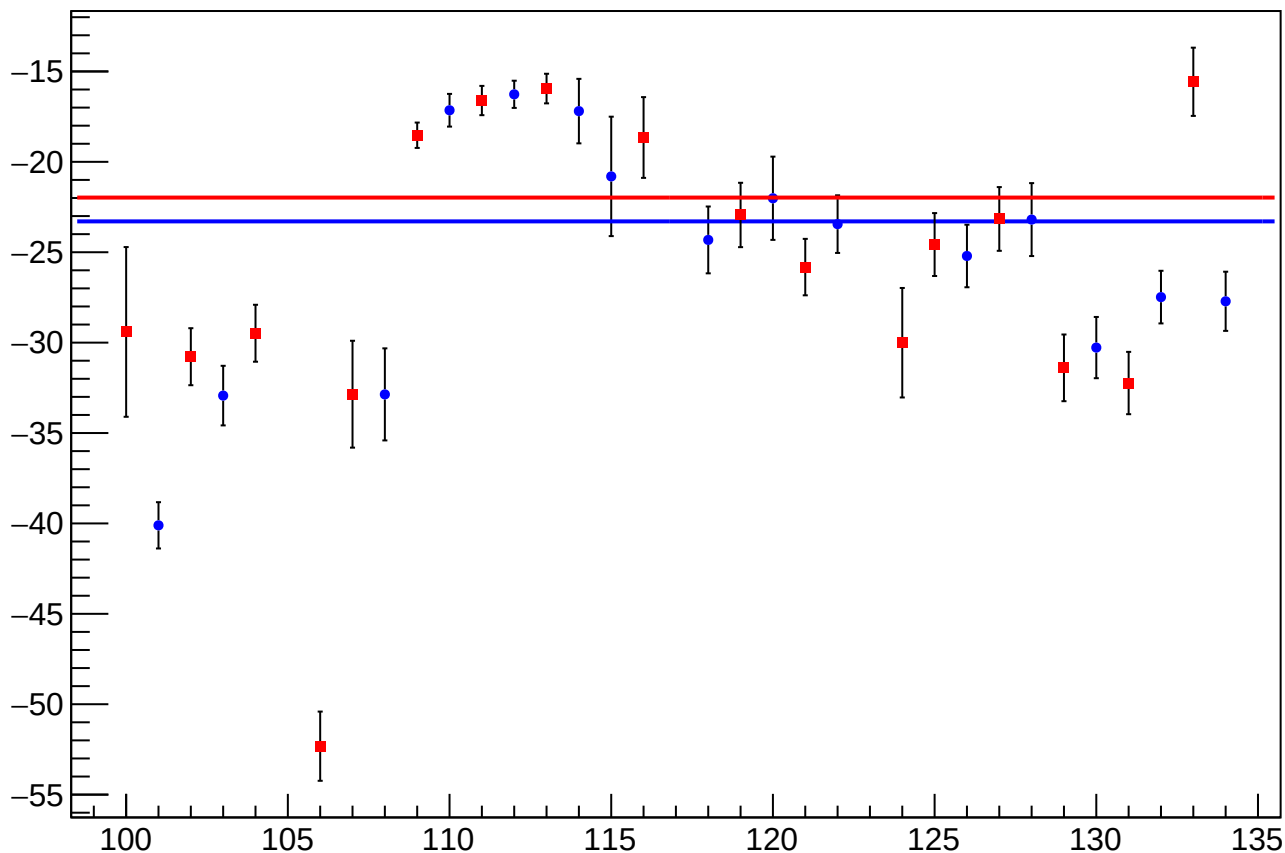
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.868+/-0.020 χ^2 /NDF: 1570.1/31

- 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: -21.977 $\pm$ 0.335 χ^2 /NDF: 534.8/16

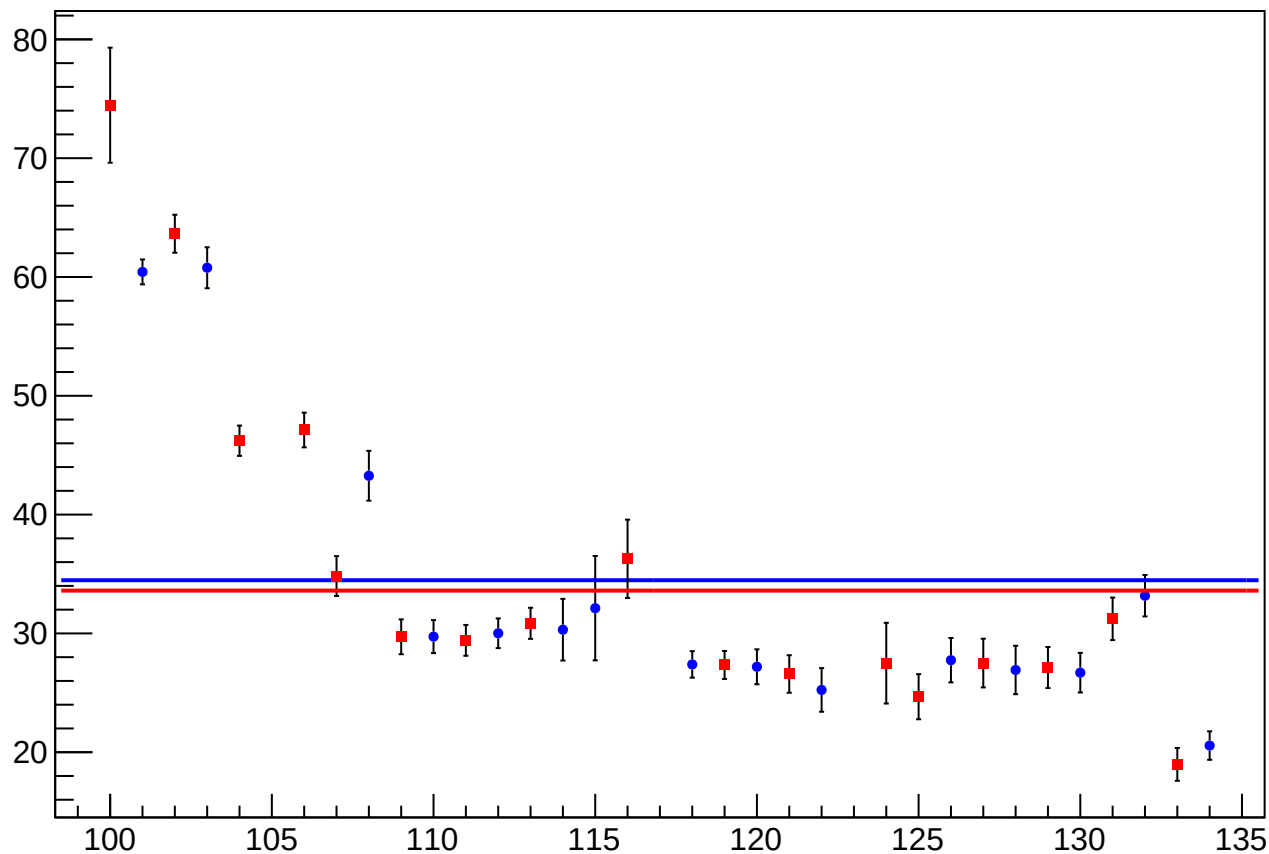
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -22.565 $\pm$ 0.250 χ^2 /NDF: 942.6/31

- 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: 33.604 $\pm$ 0.392 χ^2 /NDF: 841.3/16

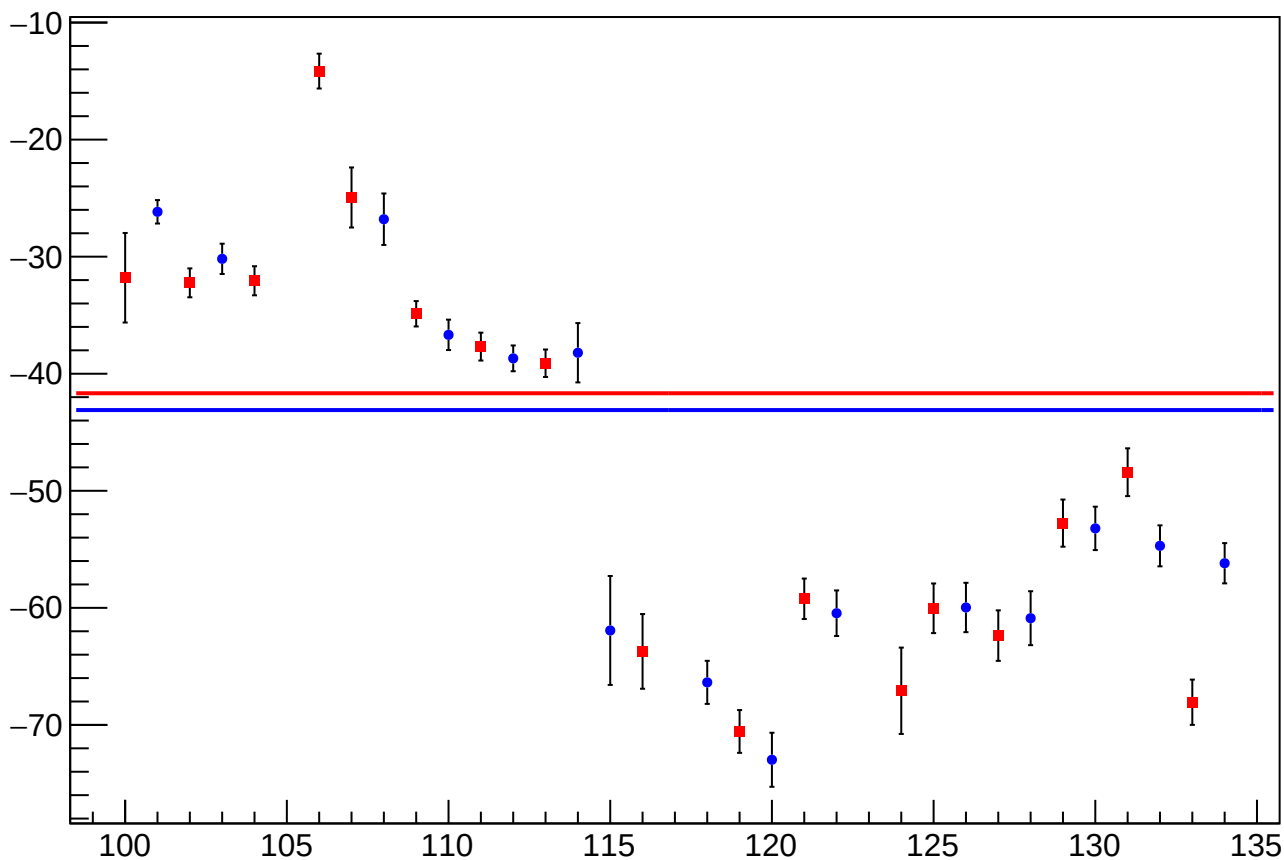
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.034 $\pm$ 0.279 χ^2 /NDF: 2009.9/31

- 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 $\pm$ 0.425 χ^2 /NDF: 1163.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -41.667 $\pm$ 0.400 χ^2 /NDF: 1407.5/16

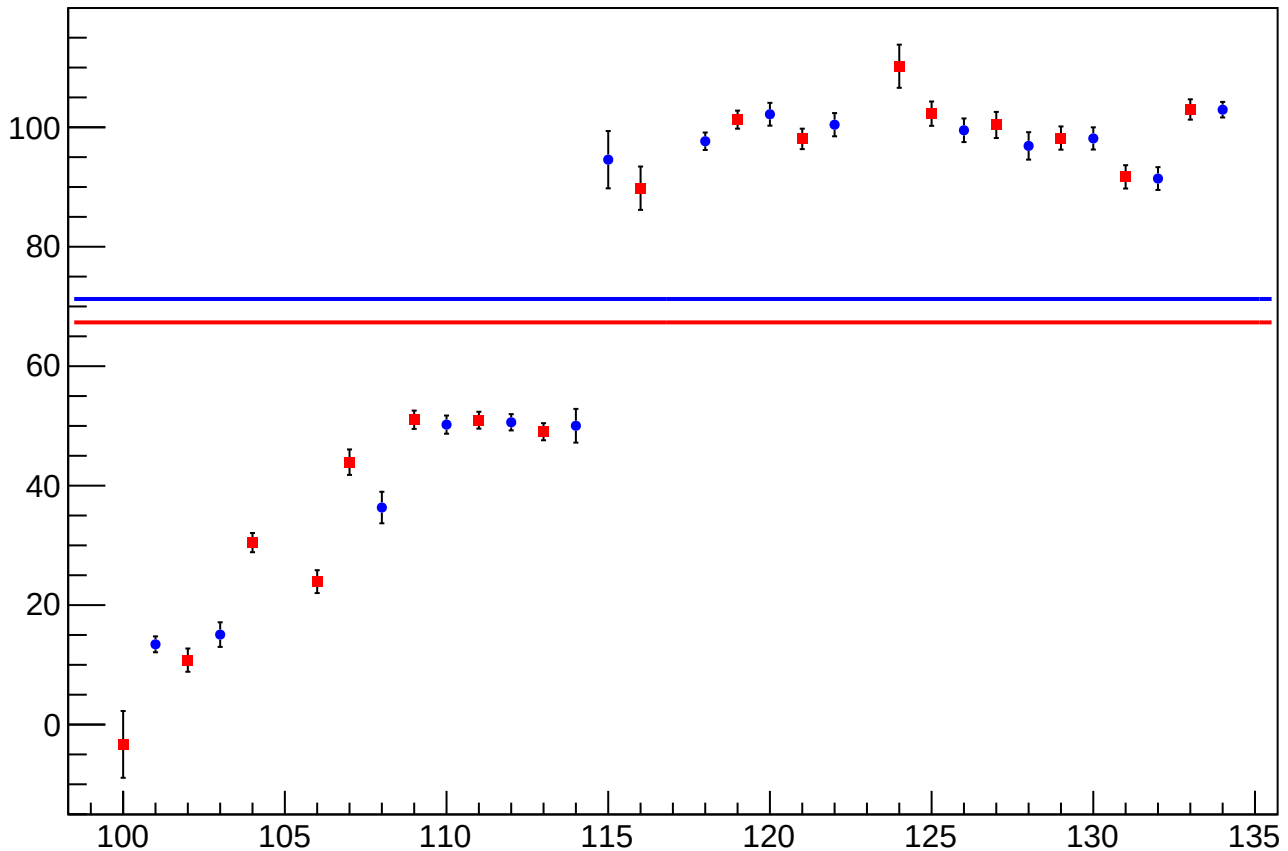
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -42.342 $\pm$ 0.291 χ^2 /NDF: 2577.0/31

- sign 0.000 $\pm$ 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: 67.332+/-0.454 χ^2/NDF : 4948.9/16

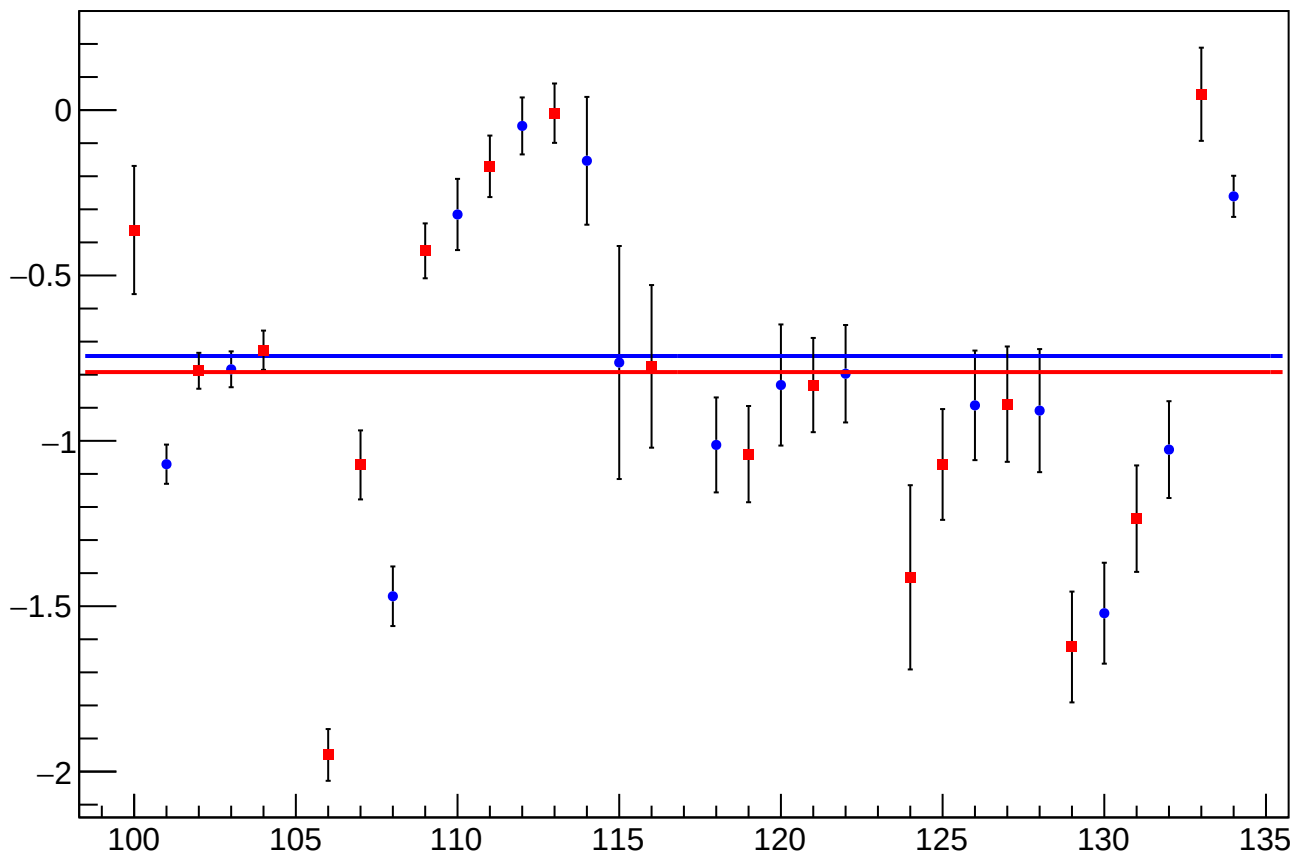
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.261+/-0.324 χ^2/NDF : 10344.7/31

- 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: -0.792 ± 0.025 χ^2/NDF : 451.5/16

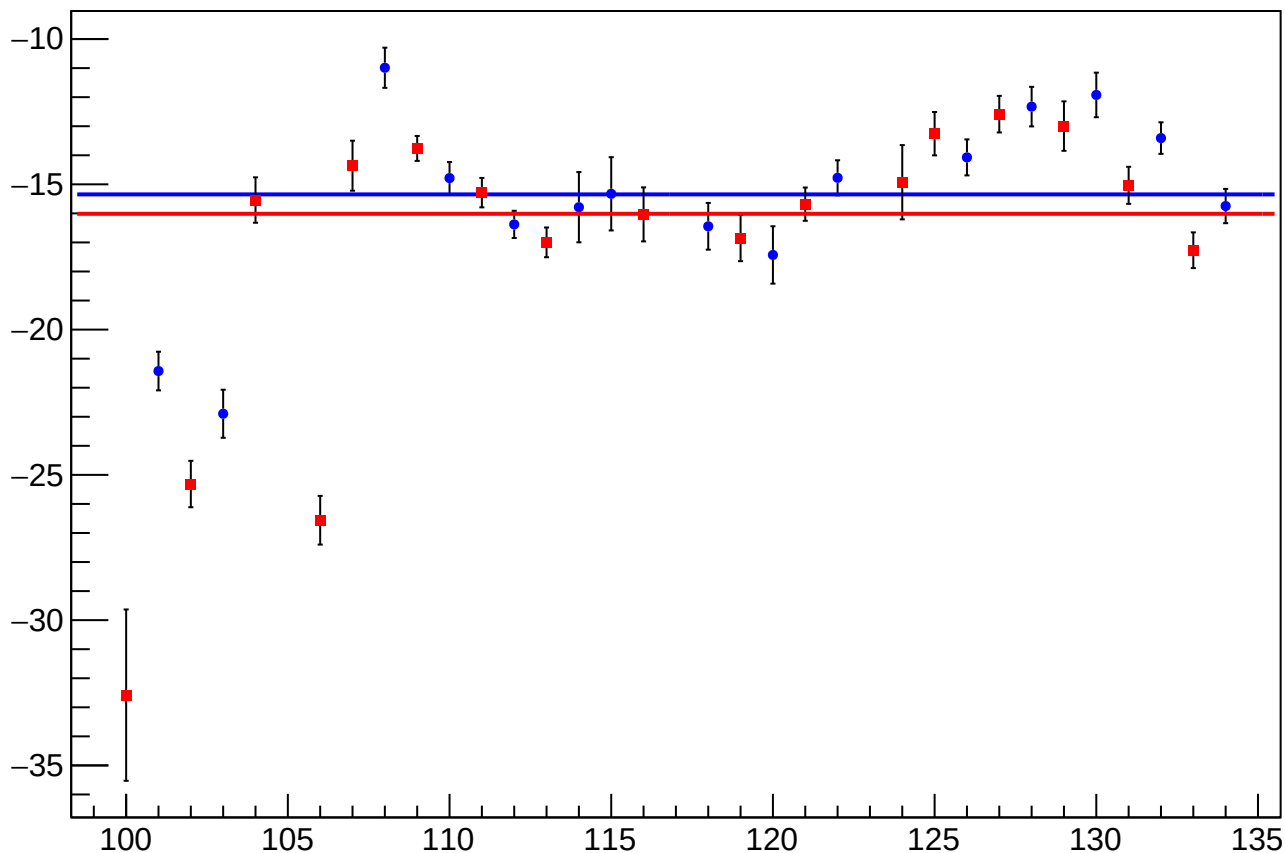
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.768 ± 0.018 χ^2/NDF : 735.1/31

- 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: -16.014 $\pm$ 0.166 χ^2 /NDF: 427.3/16

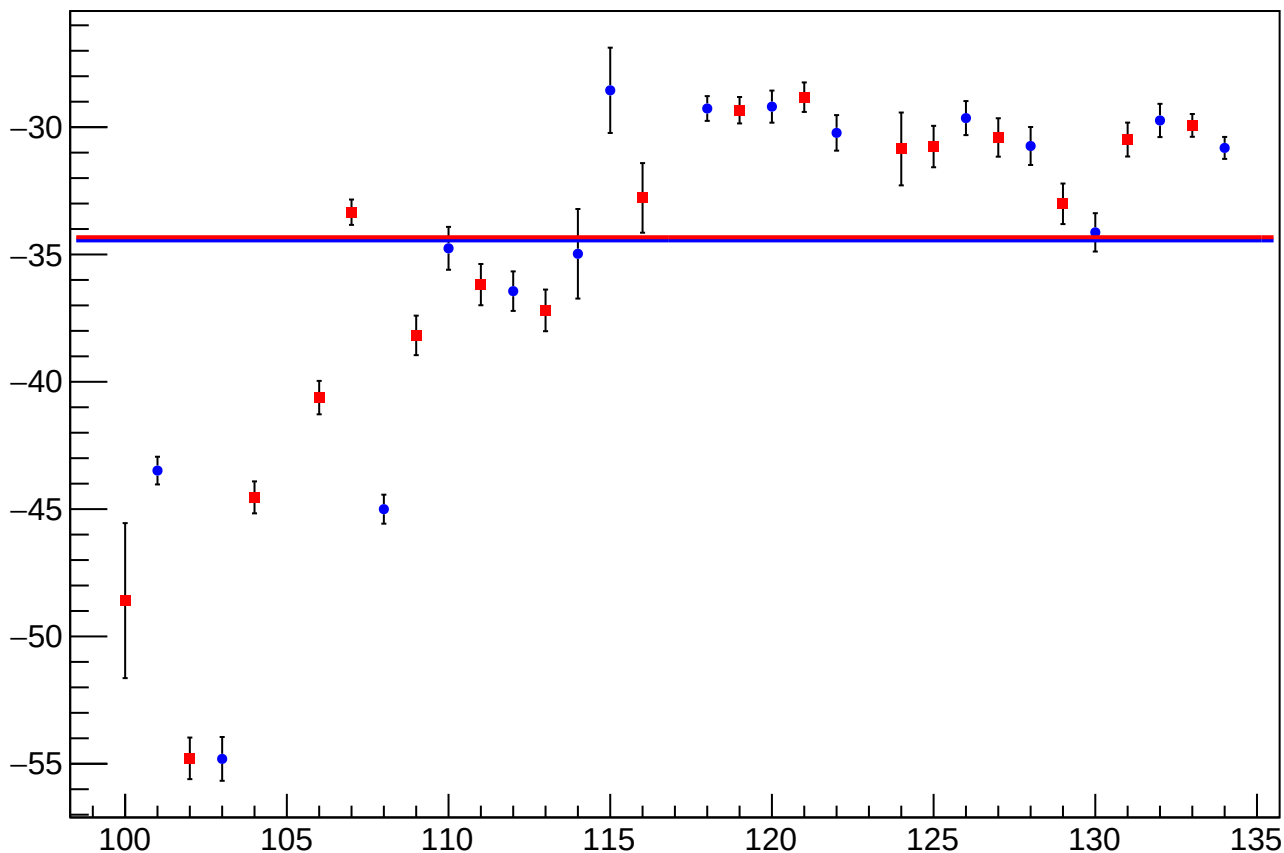
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -15.697 $\pm$ 0.120 χ^2 /NDF: 711.9/31

- 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: -34.322 ± 0.169 χ^2/NDF : 1421.5/16

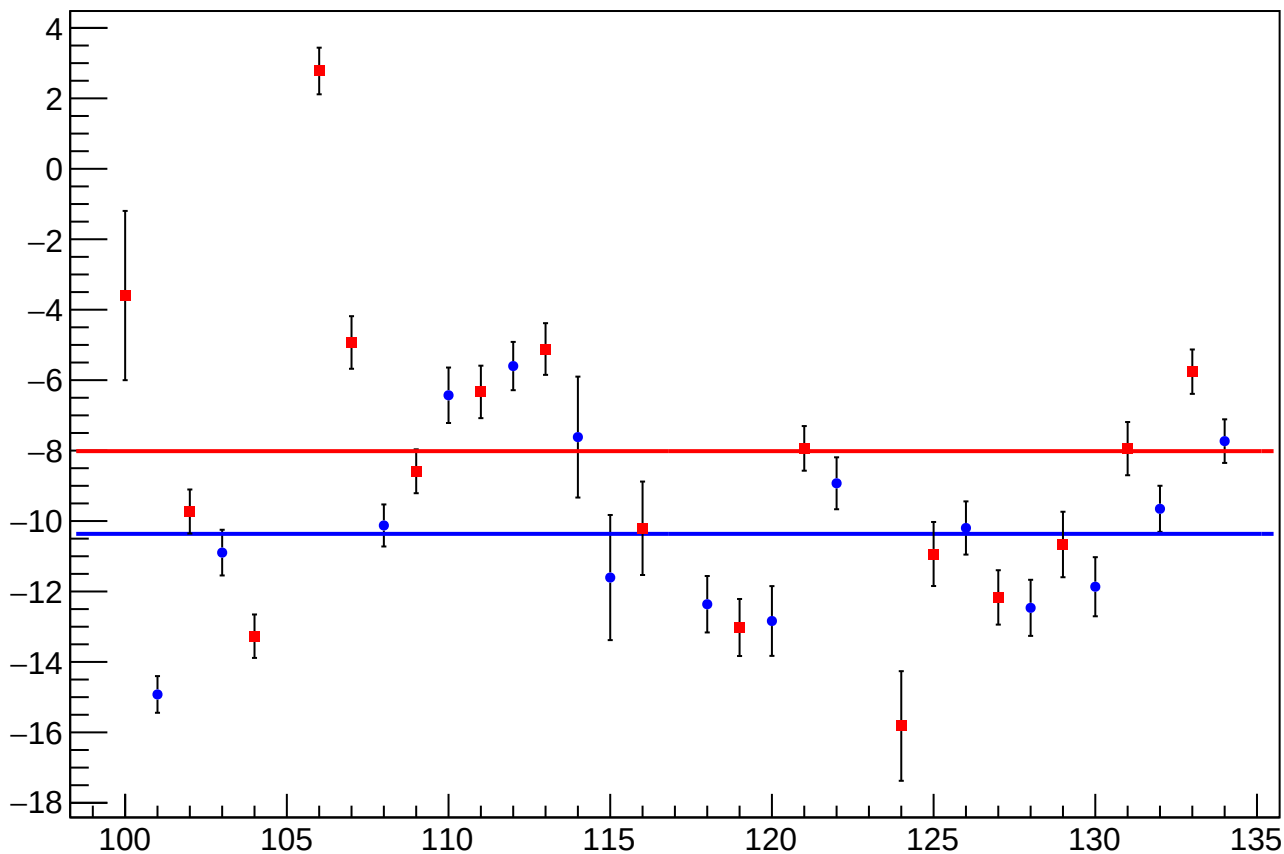
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.384 ± 0.120 χ^2/NDF : 3039.7/31

- 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 $\pm$ 0.191 χ^2 /NDF: 199.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.016 $\pm$ 0.186 χ^2 /NDF: 514.2/16

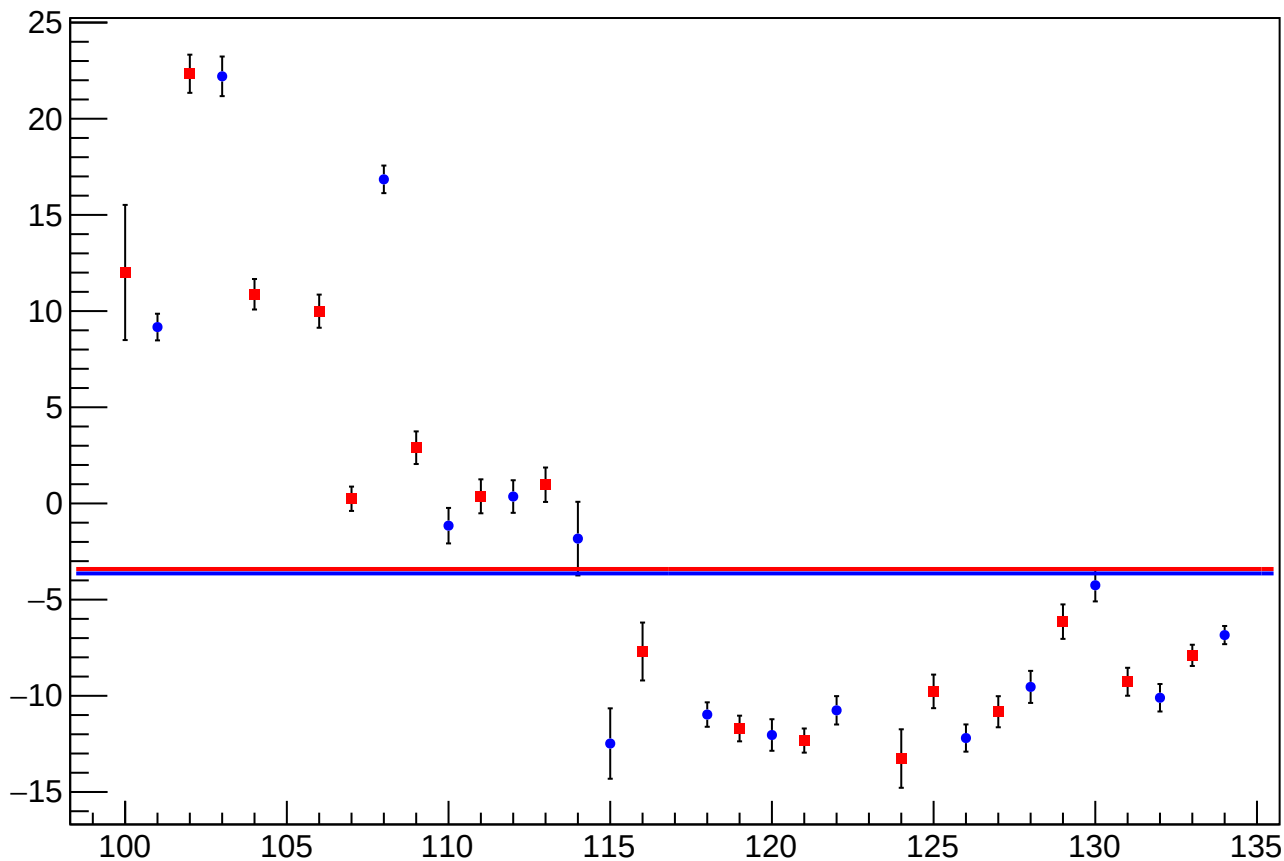
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -9.157 $\pm$ 0.133 χ^2 /NDF: 791.5/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -3.638+/-0.199 χ^2/NDF : 2497.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.407+/-0.198 χ^2/NDF : 2075.0/16

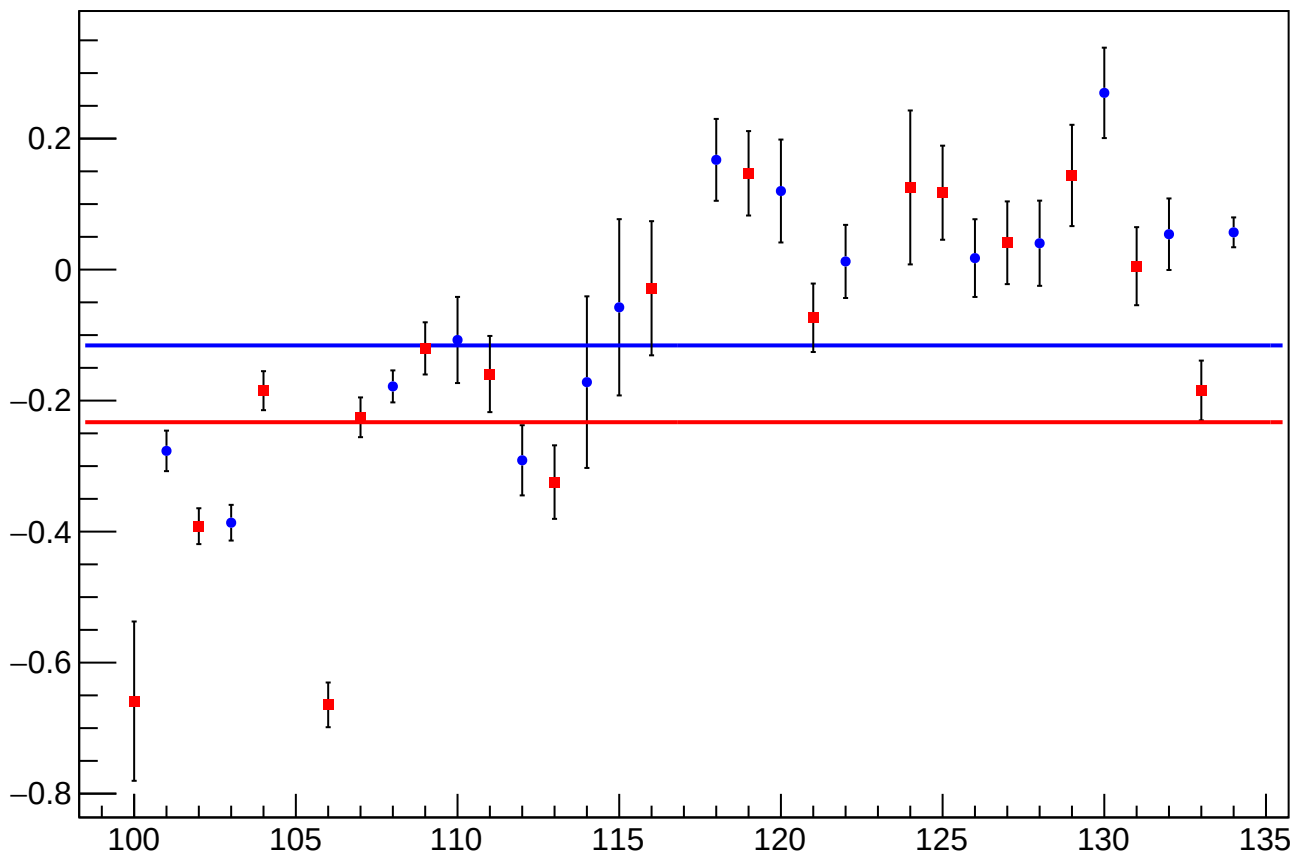
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.522+/-0.141 χ^2/NDF : 4573.4/31

- sign 0.000+/-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: -0.233 ± 0.011 χ^2/NDF : 361.6/16

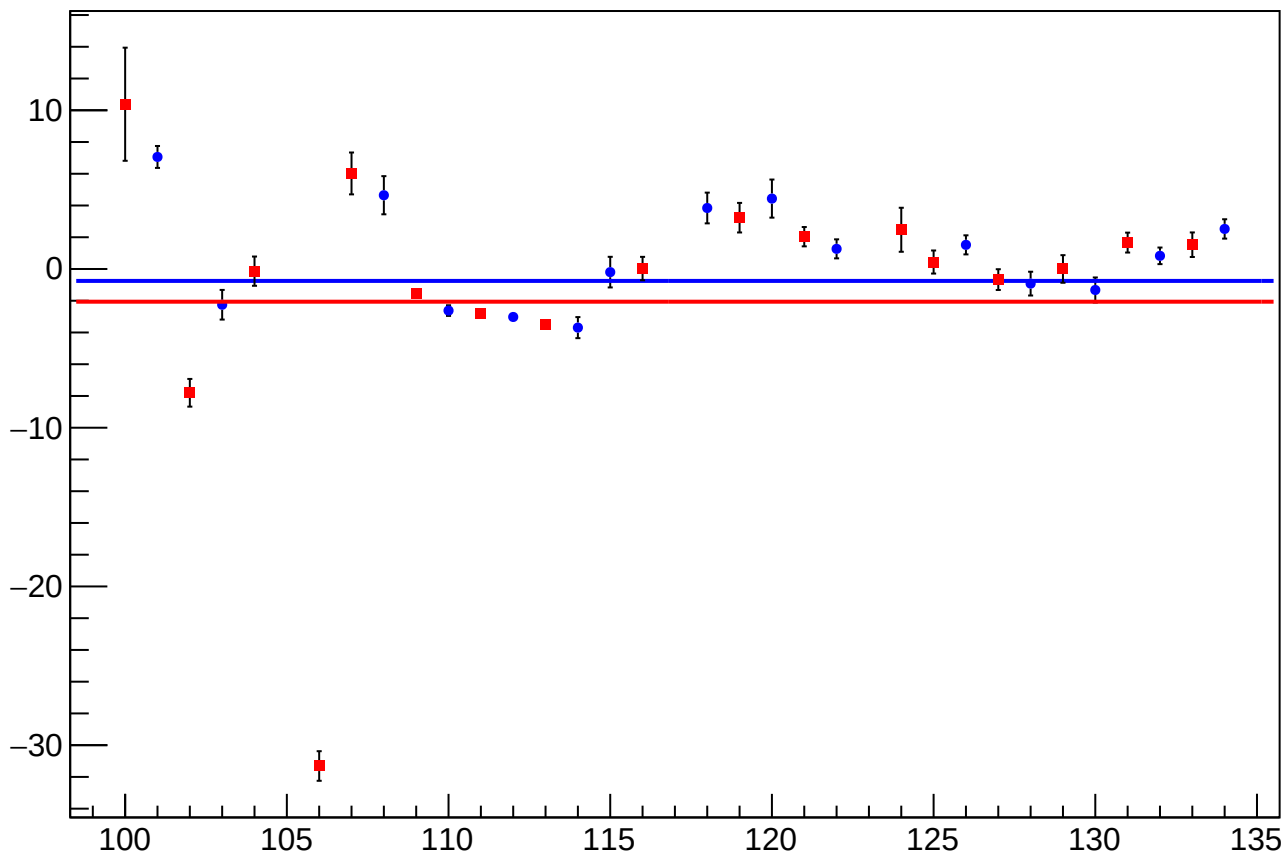
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.172 ± 0.008 χ^2/NDF : 705.0/31

- 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: -2.061 ± 0.134 χ^2/NDF : 1288.4/16

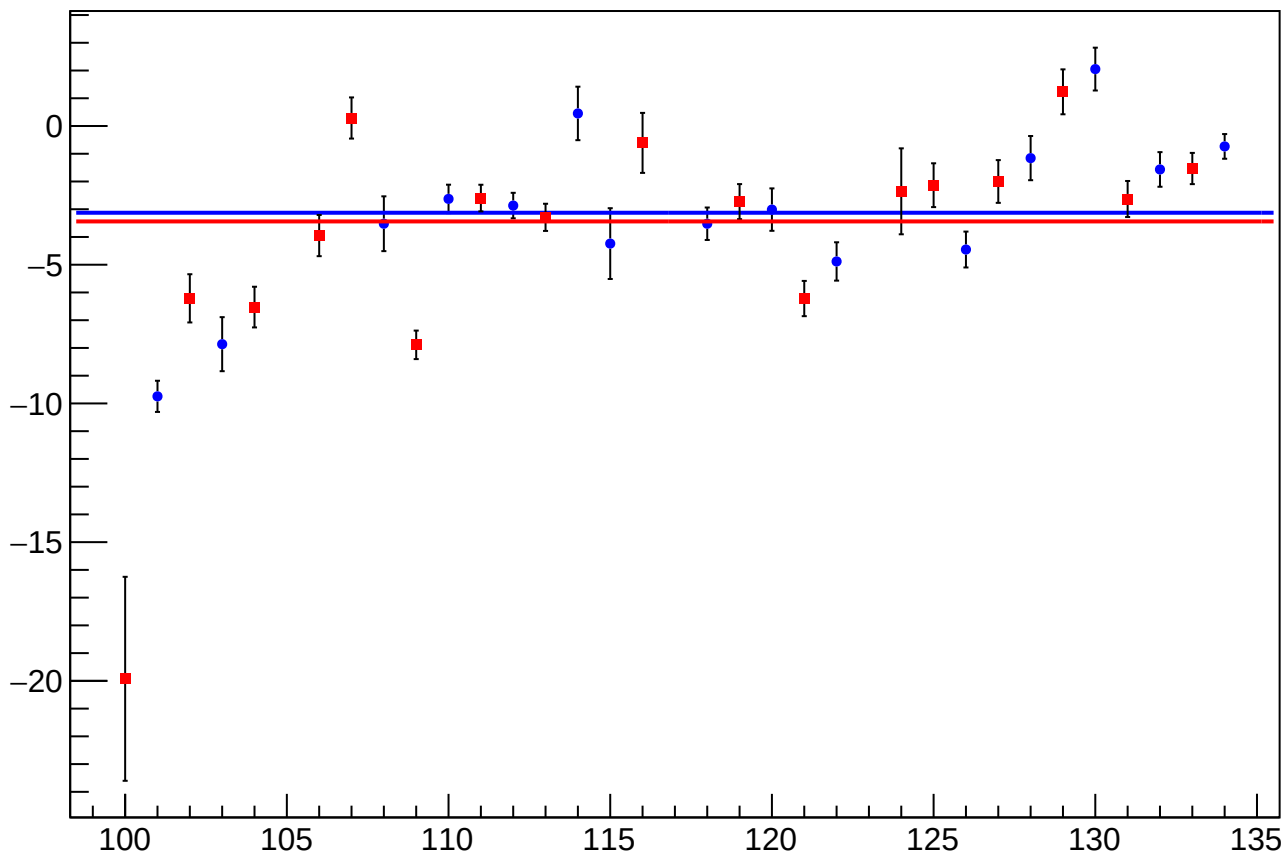
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.467 ± 0.099 χ^2/NDF : 1705.5/31

- 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: -3.440 ± 0.167 χ^2/NDF : 232.2/16

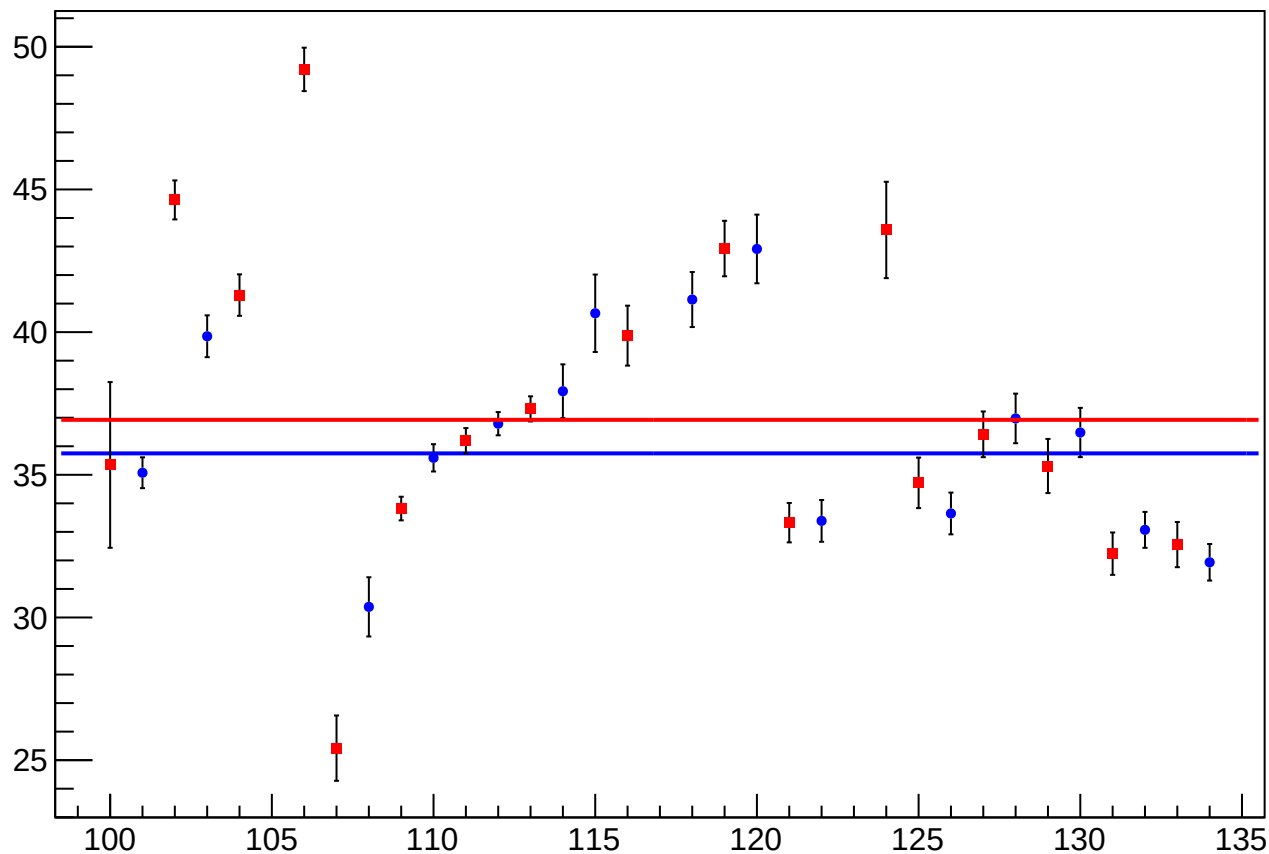
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.284 ± 0.118 χ^2/NDF : 509.6/31

- 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: 36.926+/-0.170 χ^2/NDF : 753.5/16

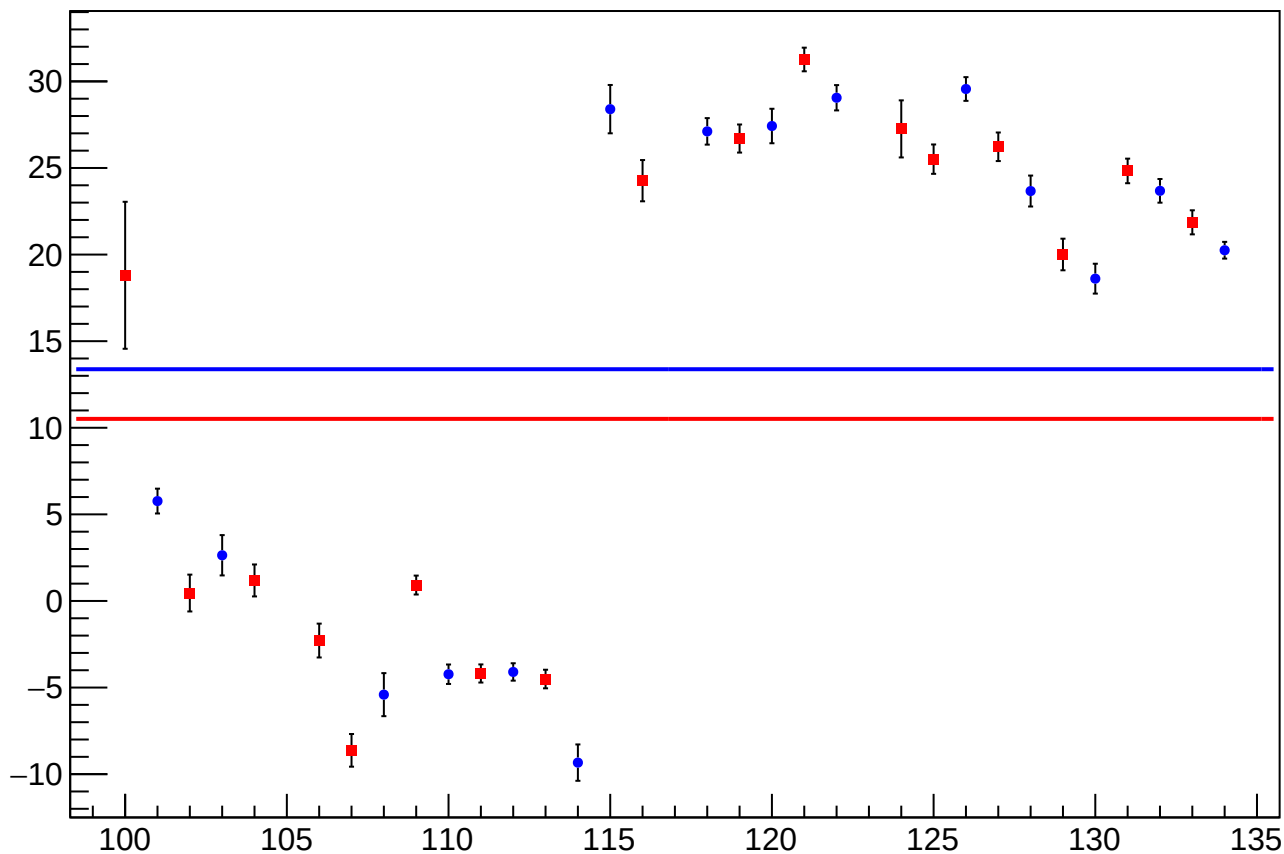
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.366+/-0.123 χ^2/NDF : 1002.8/31

- 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: 10.513+/-0.190 χ^2 /NDF: 5679.1/16

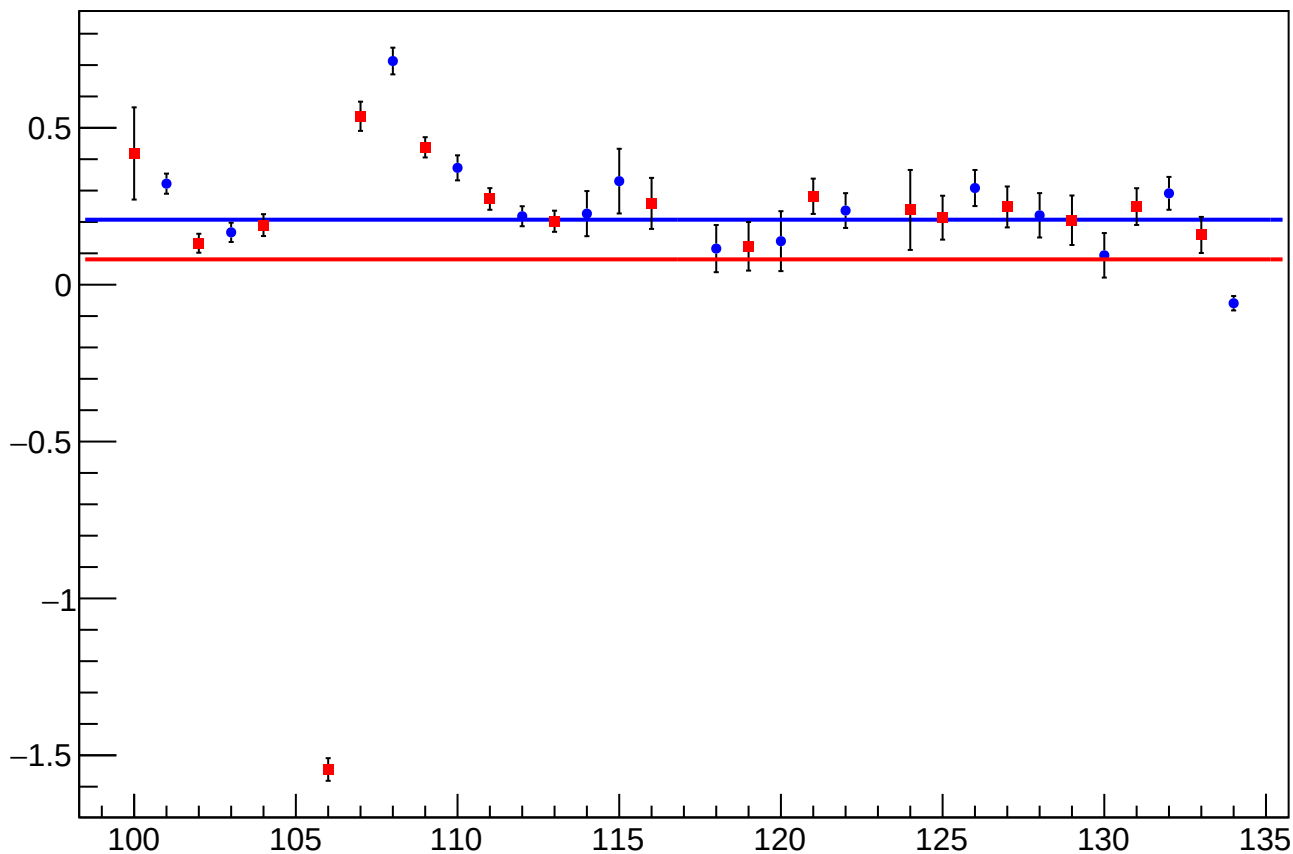
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 11.947+/-0.135 χ^2 /NDF: 11135.1/31

- 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: 0.081 $\pm$ 0.011 χ^2/NDF : 2354.7/16

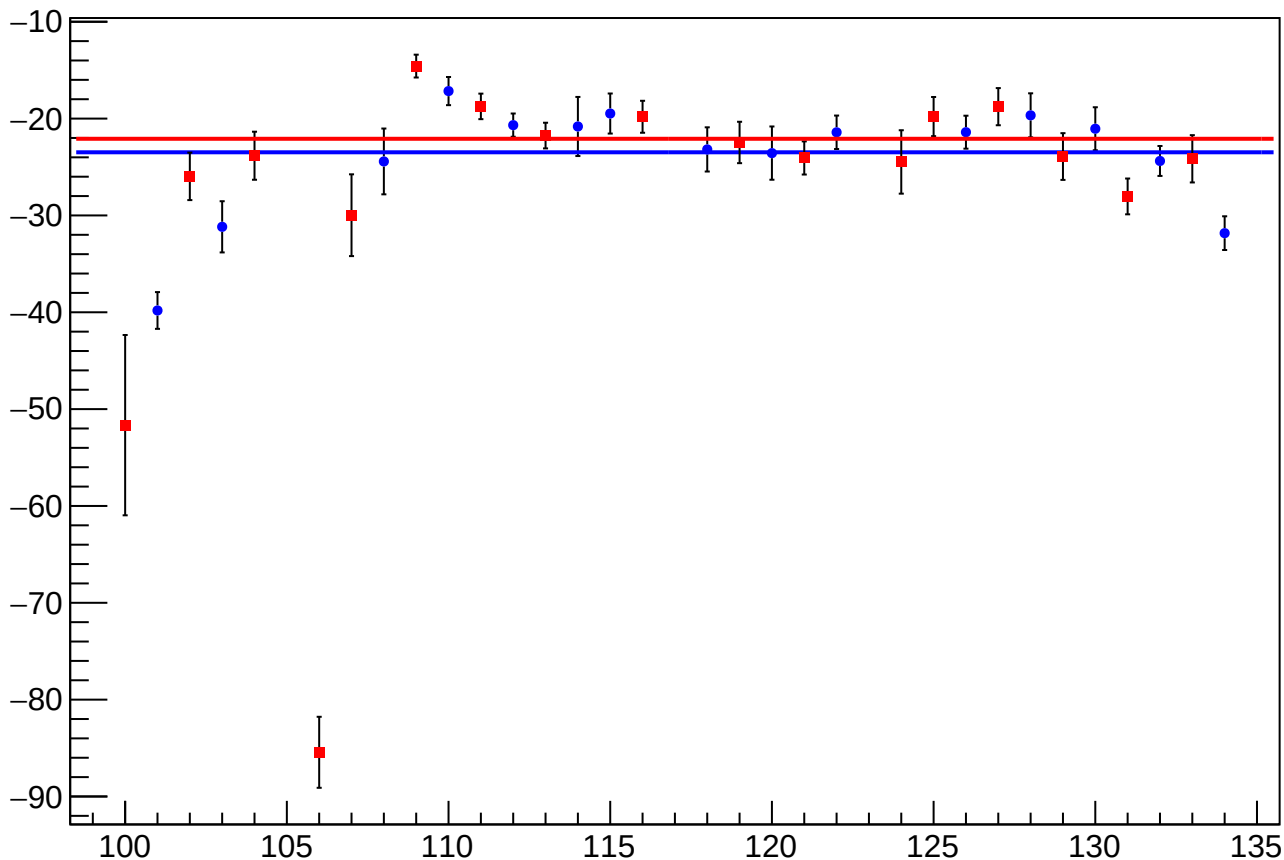
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.145 $\pm$ 0.008 χ^2/NDF : 2737.4/31

- 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 $\pm$ 0.490 χ^2 /NDF: 141.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -22.085 $\pm$ 0.471 χ^2 /NDF: 382.0/16

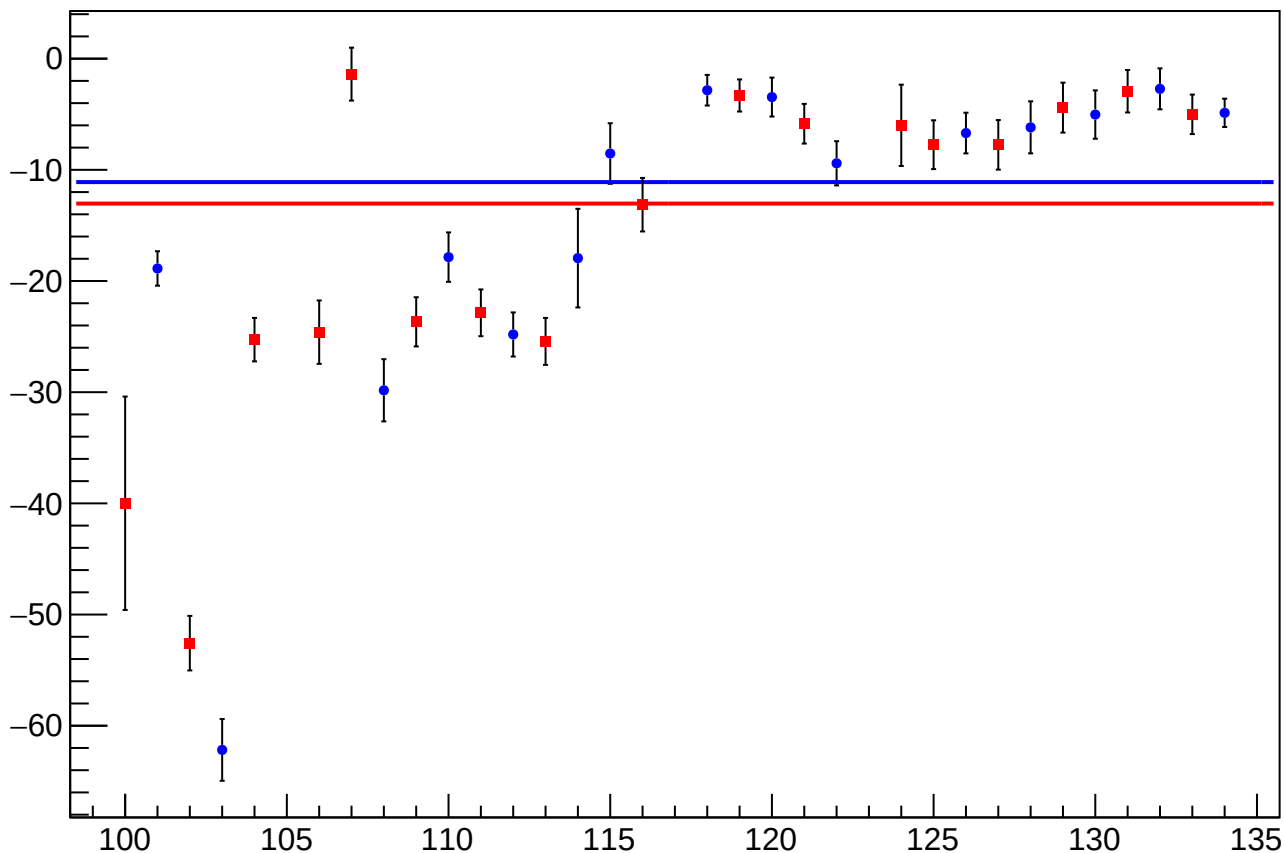
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -22.755 $\pm$ 0.340 χ^2 /NDF: 527.9/31

- sign 0.000 $\pm$ 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: -13.035+/-0.525 χ^2/NDF : 566.4/16

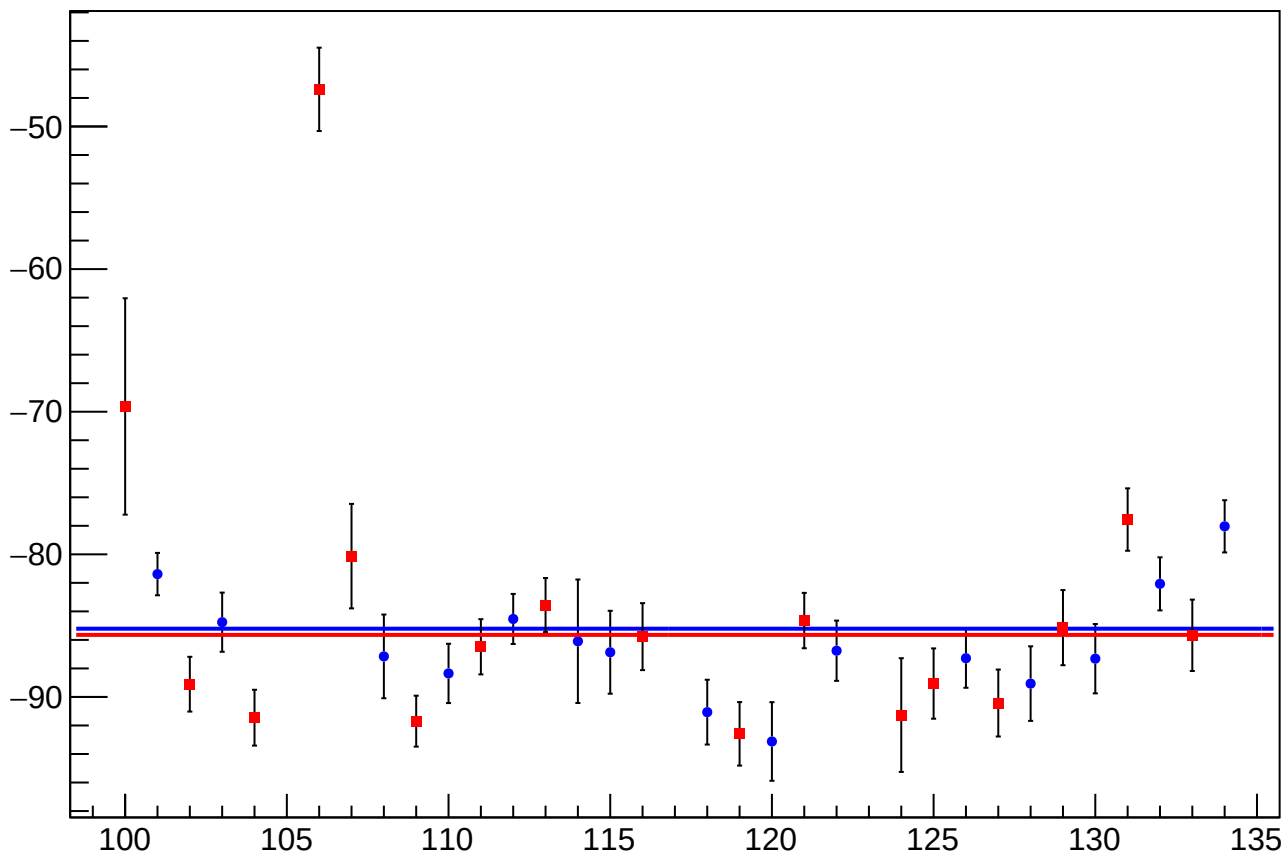
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.019+/-0.361 χ^2/NDF : 1160.4/31

- 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 ± 0.558 χ^2/NDF : 47.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -85.649 ± 0.562 χ^2/NDF : 234.7/16

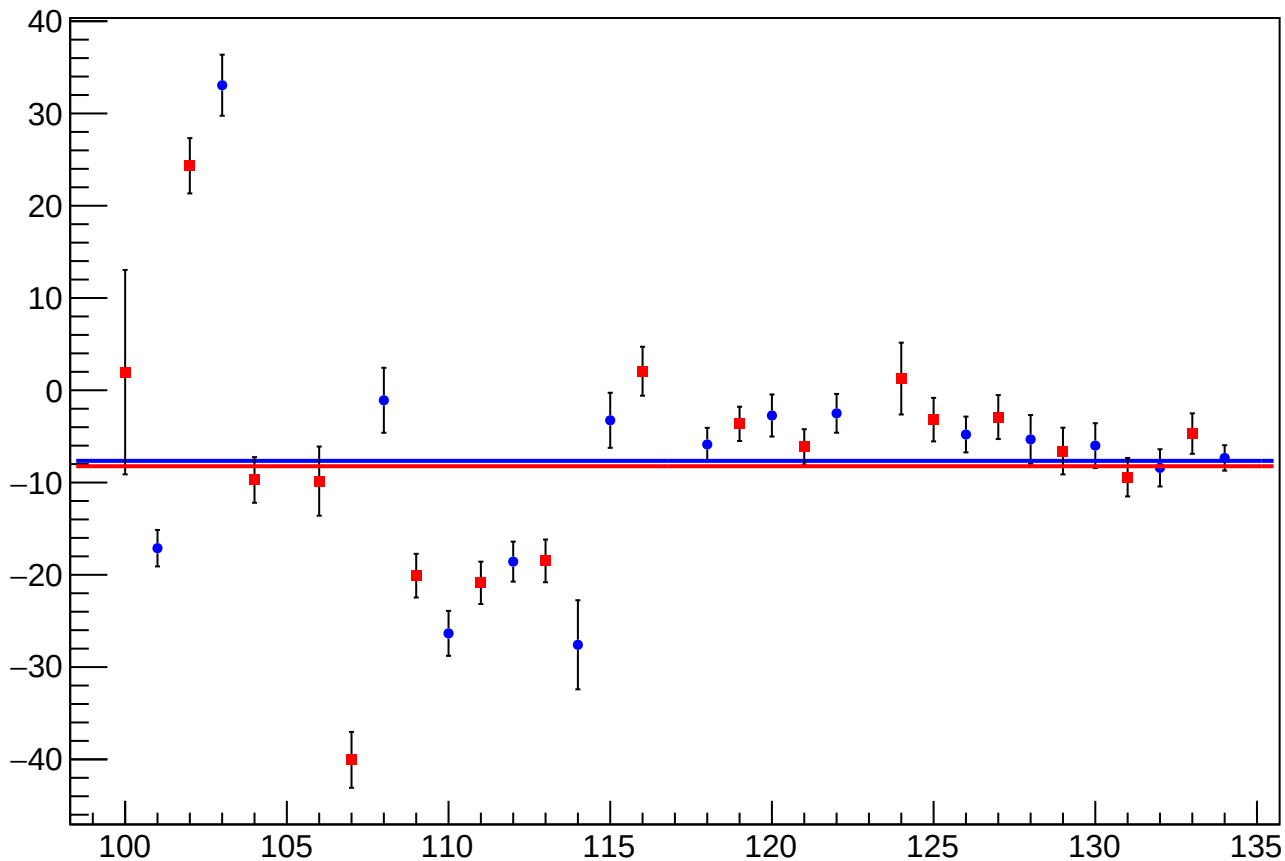
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -85.430 ± 0.396 χ^2/NDF : 282.5/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -7.648+/-0.573 χ^2 /NDF: 296.4/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -8.232+/-0.604 χ^2 /NDF: 346.4/16

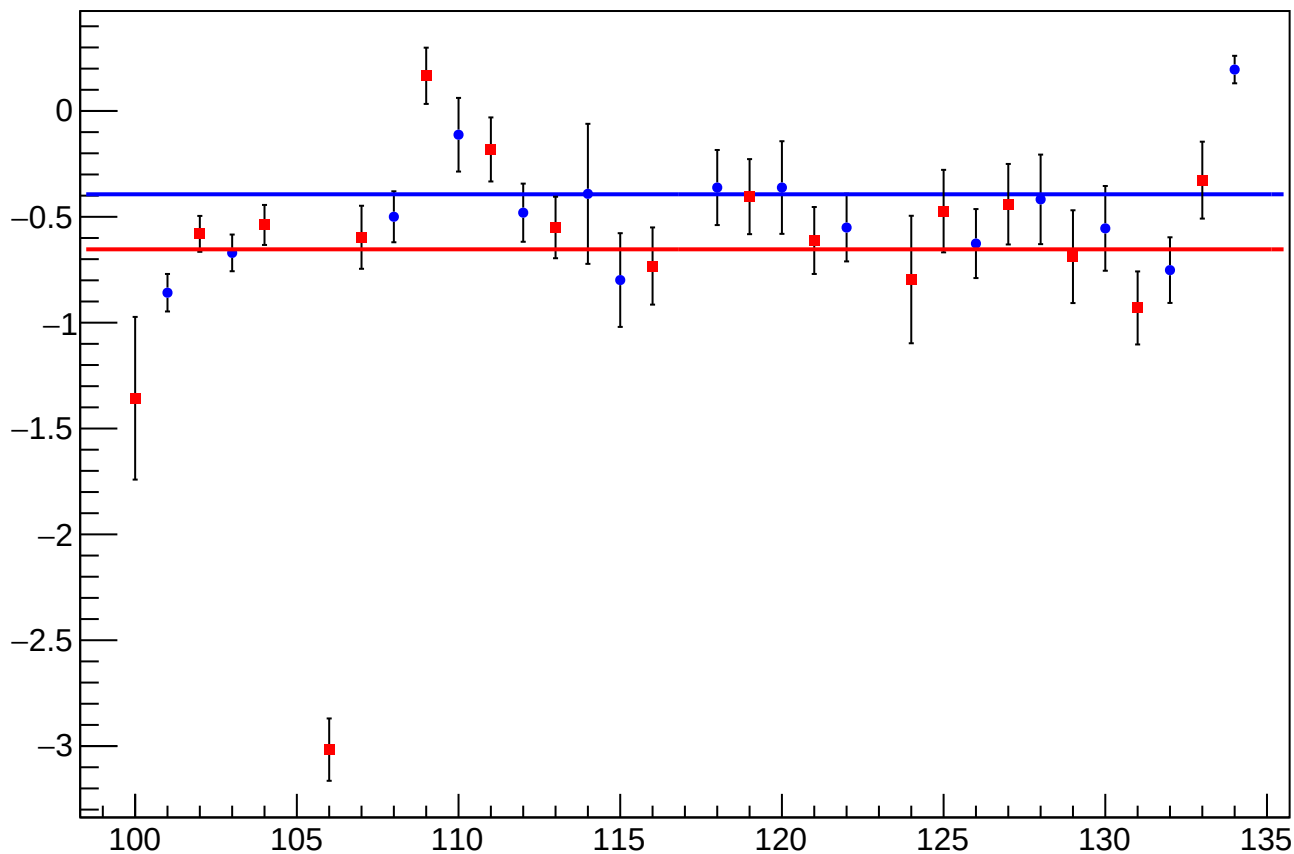
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -7.924+/-0.416 χ^2 /NDF: 643.3/31

- sign 0.000+/-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: -0.654 ± 0.037 χ^2/NDF : 322.0/16

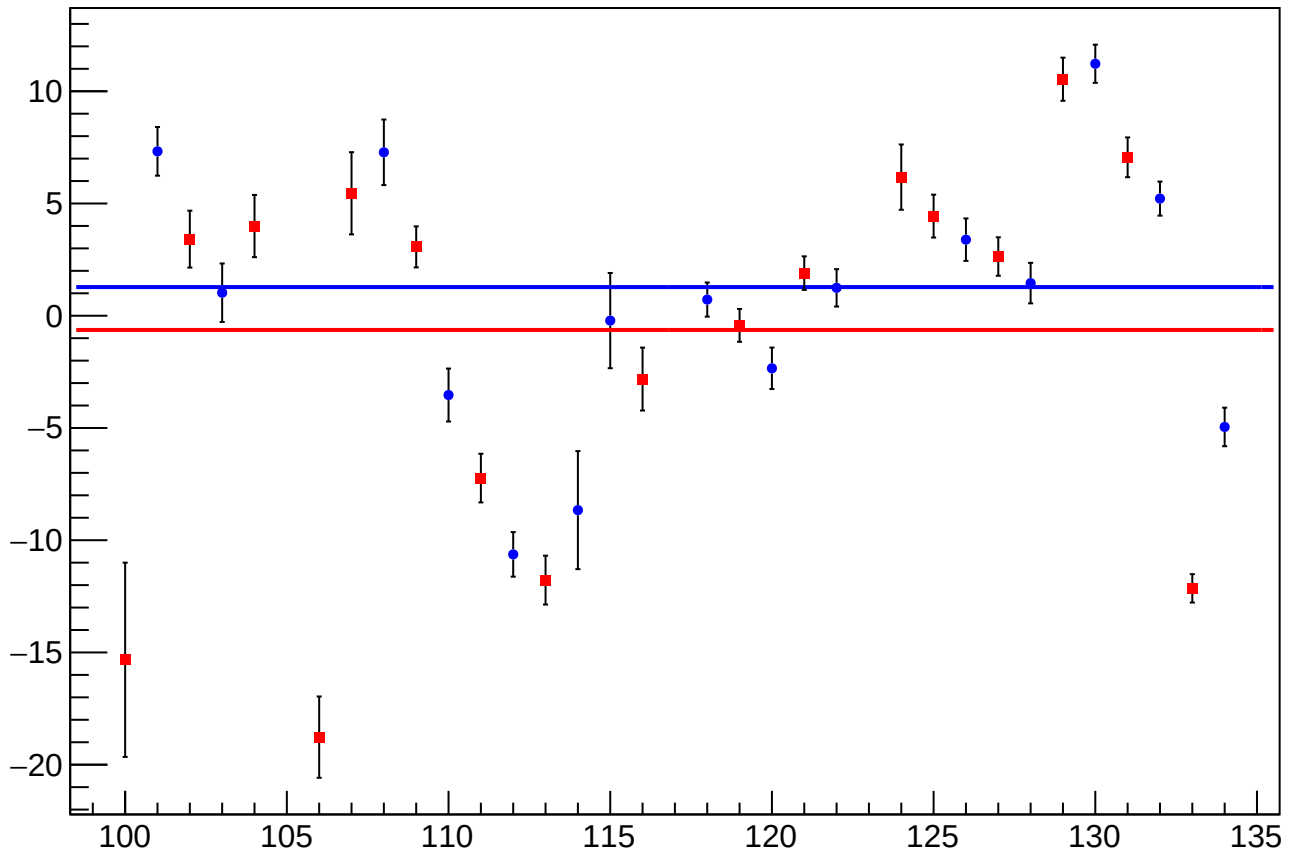
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.512 ± 0.025 χ^2/NDF : 485.9/31

- 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: -0.633 $\pm$ 0.245 χ^2 /NDF: 922.5/16

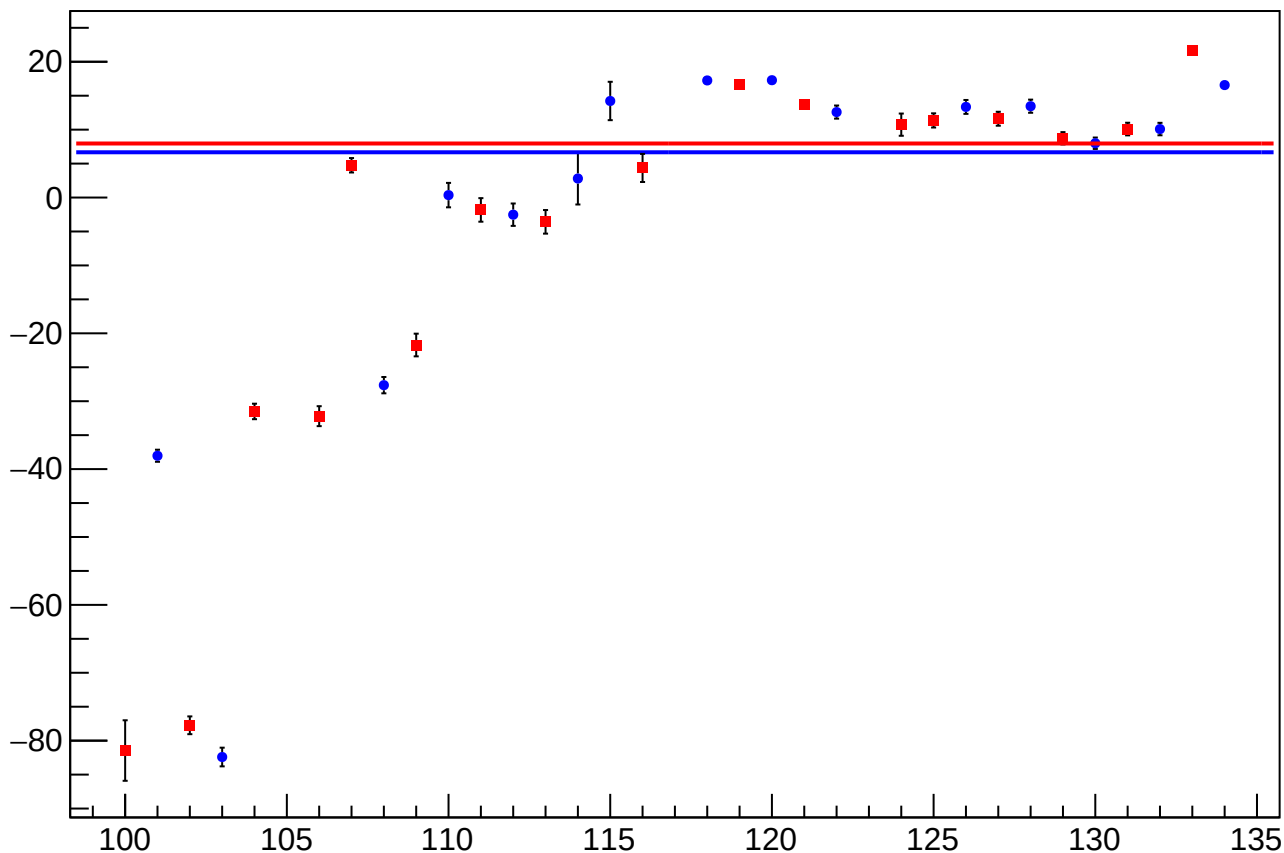
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.277 $\pm$ 0.177 χ^2 /NDF: 1412.1/31

- 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: 7.960 $\pm$ 0.225 χ^2 /NDF: 8339.3/16

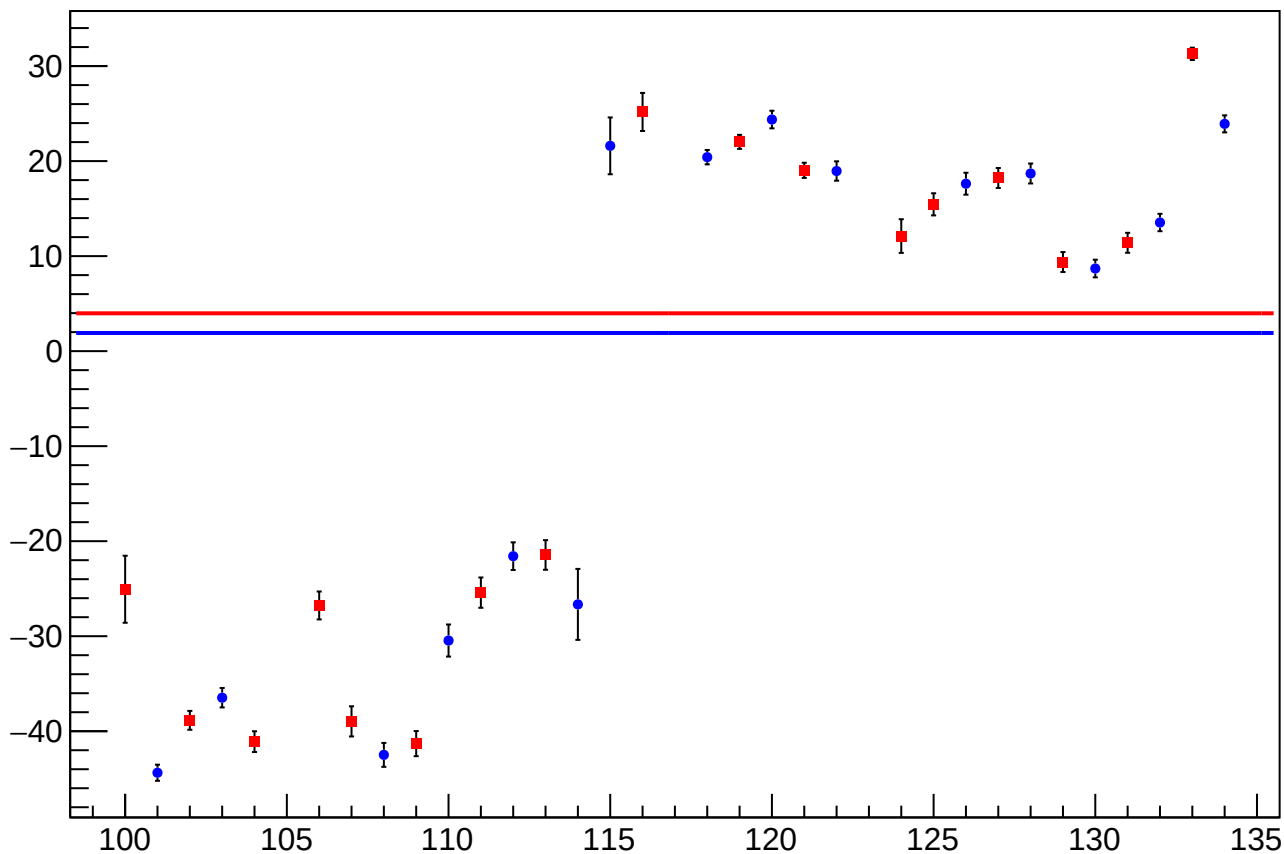
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.321 $\pm$ 0.160 χ^2 /NDF: 17188.4/31

- 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: 3.981+/-0.267 χ^2/NDF : 9788.7/16

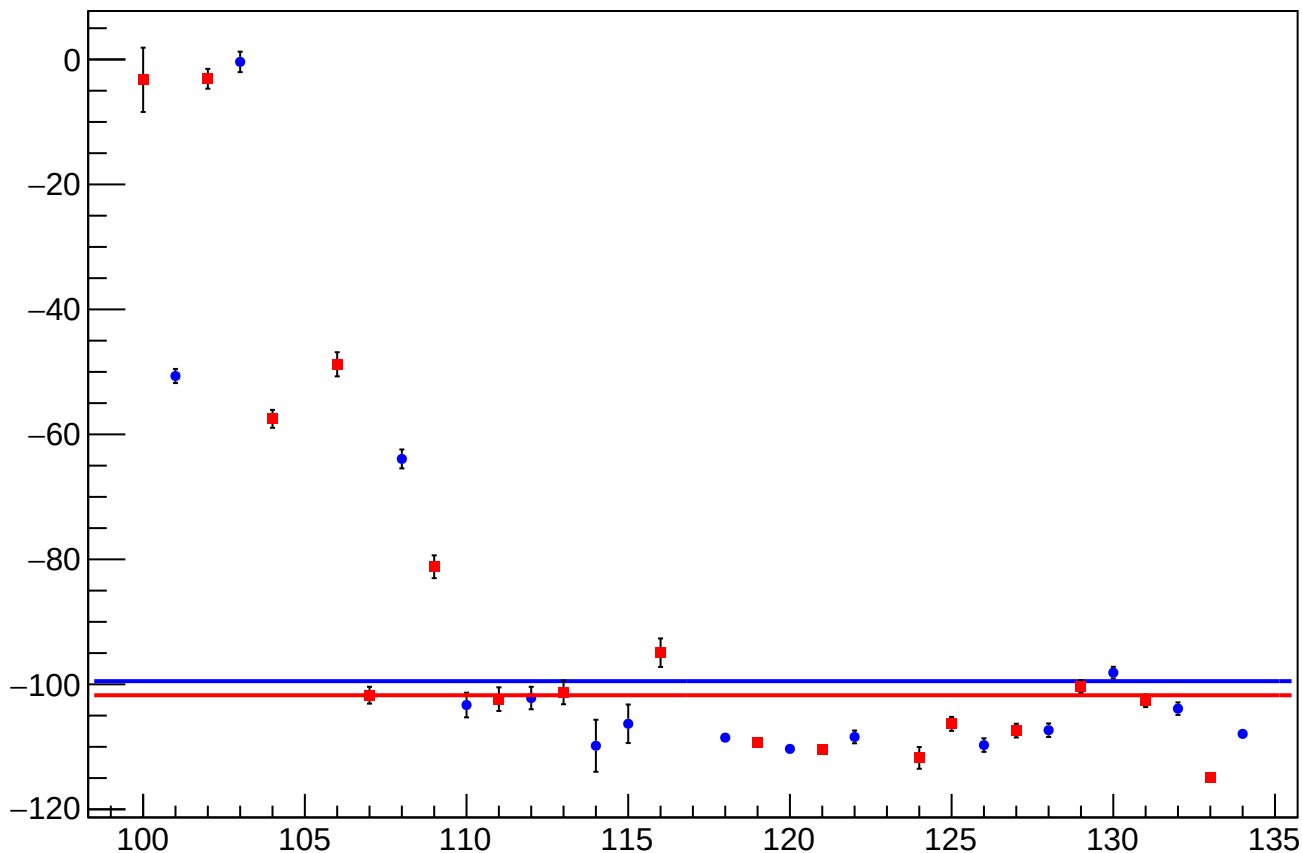
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.979+/-0.192 χ^2/NDF : 18896.0/31

- 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: -101.746 ± 0.267 χ^2/NDF : 6956.4/16

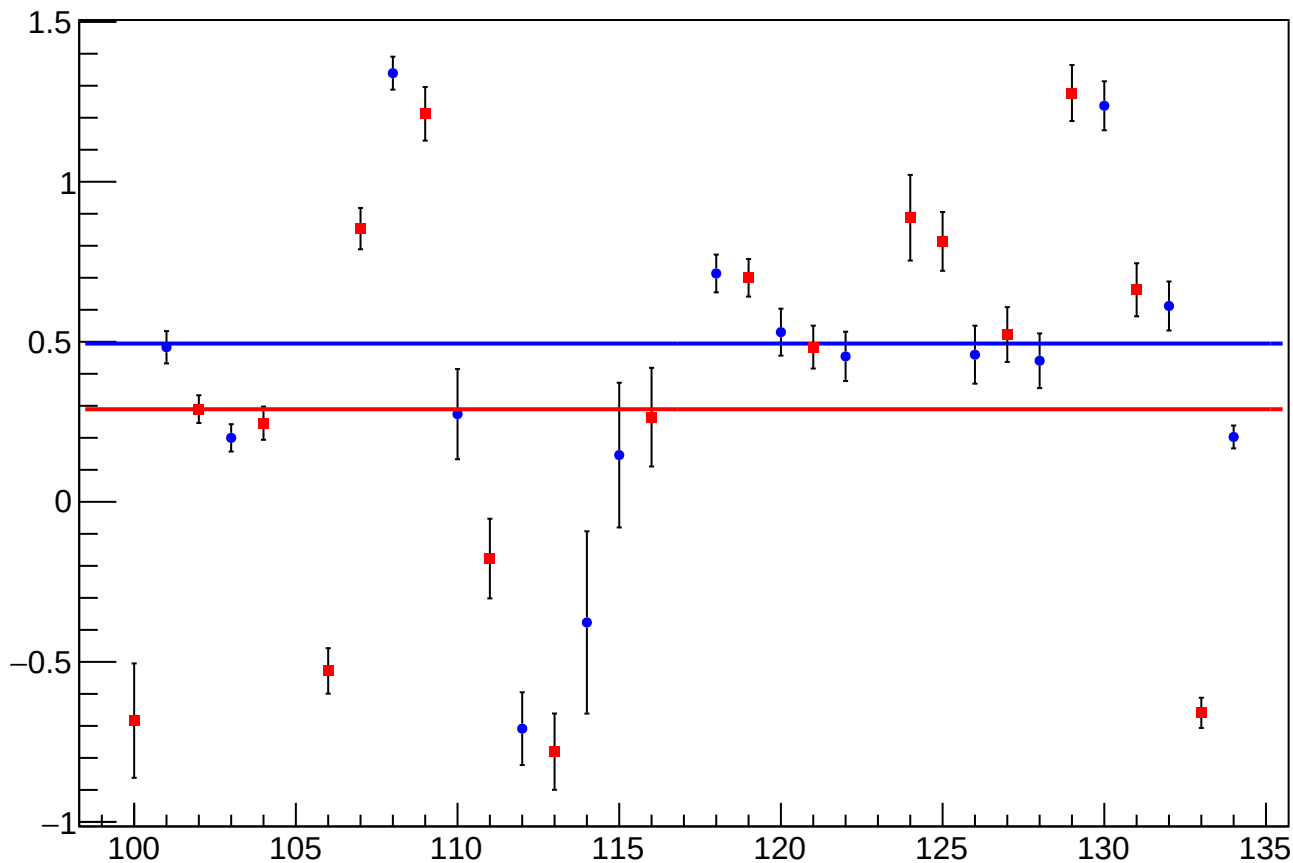
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -100.636 ± 0.190 χ^2/NDF : 13892.2/31

- 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: 0.289 $\pm$ 0.018 χ^2 /NDF: 1123.9/16

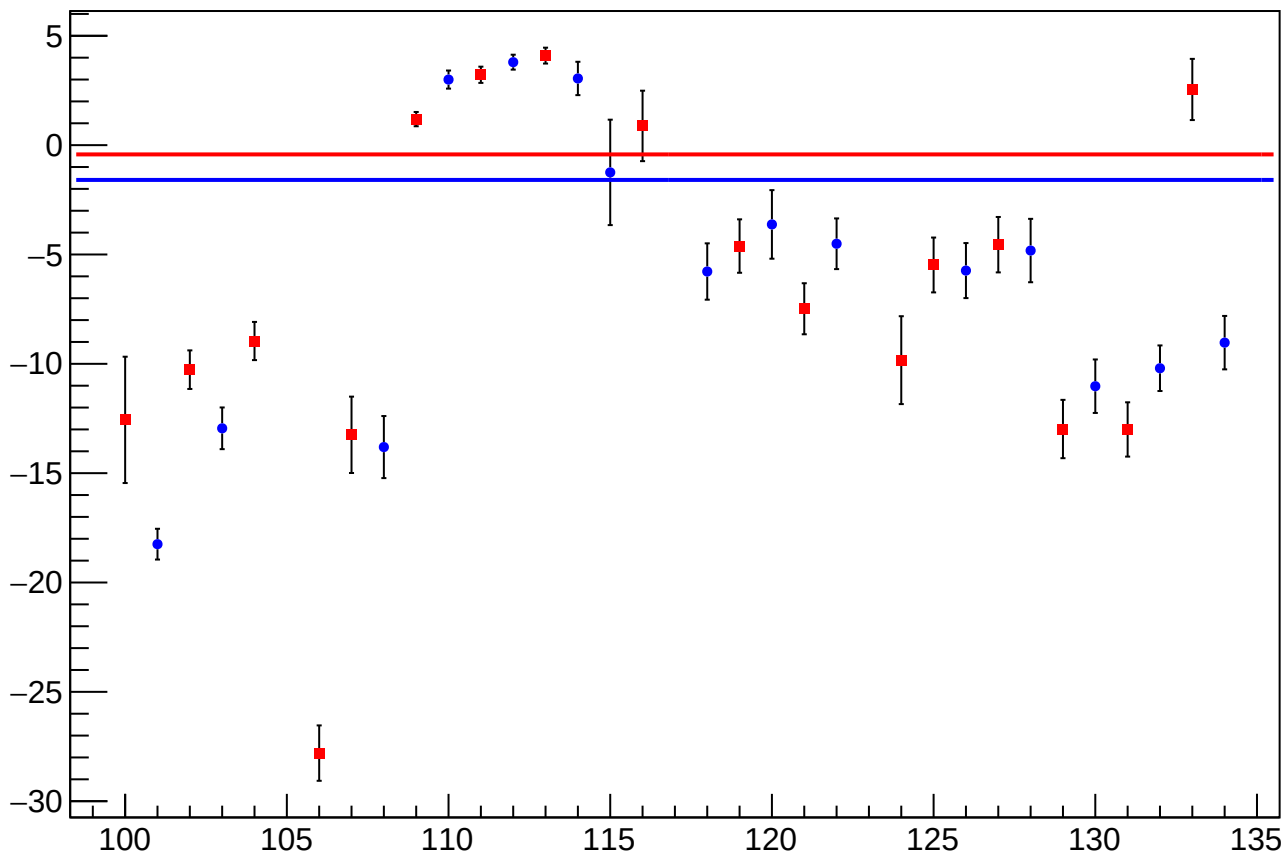
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.396 $\pm$ 0.012 χ^2 /NDF: 1815.9/31

- 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 $\pm$ 0.200 χ^2 /NDF: 1384.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.424 $\pm$ 0.174 χ^2 /NDF: 1328.3/16

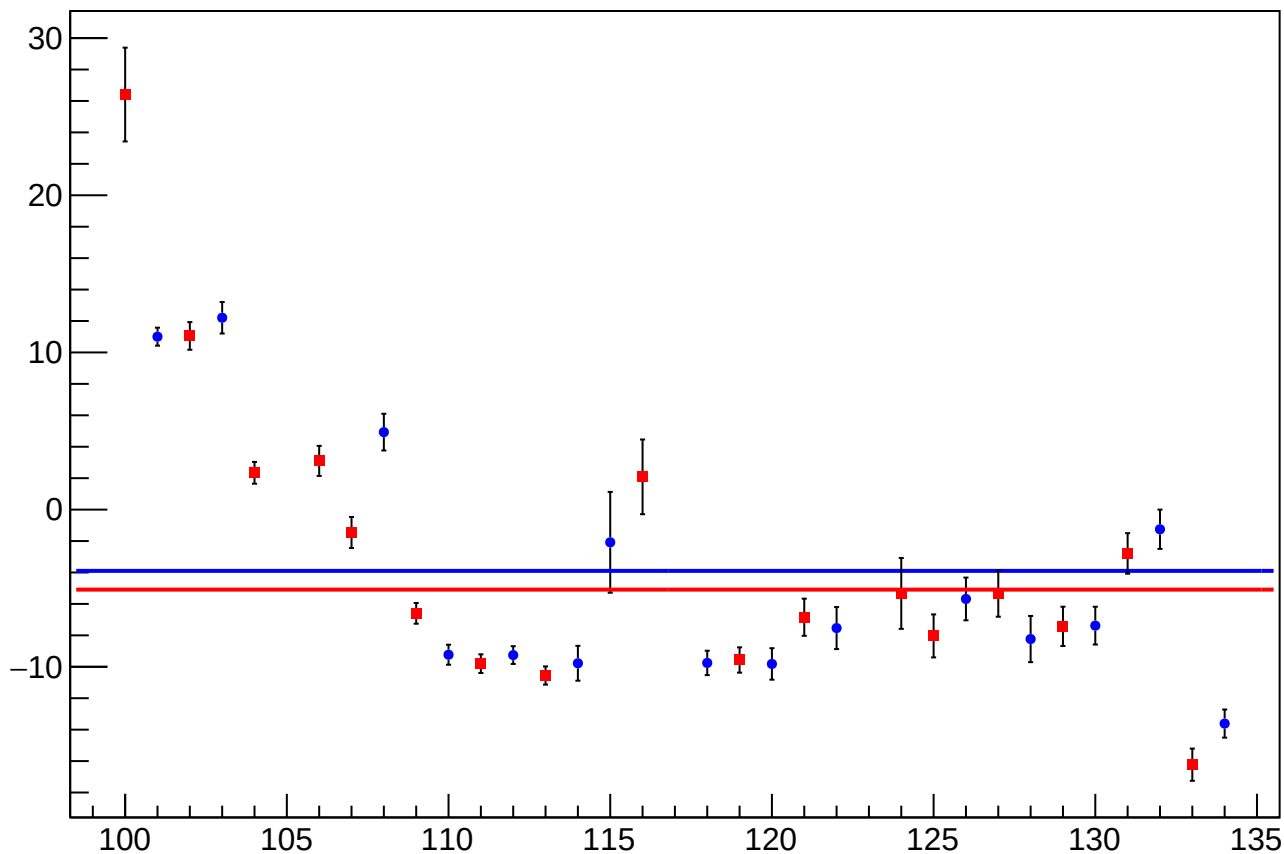
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.928 $\pm$ 0.131 χ^2 /NDF: 2732.5/31

- sign 0.000 $\pm$ 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: -5.090 ± 0.226 χ^2/NDF : 978.3/16

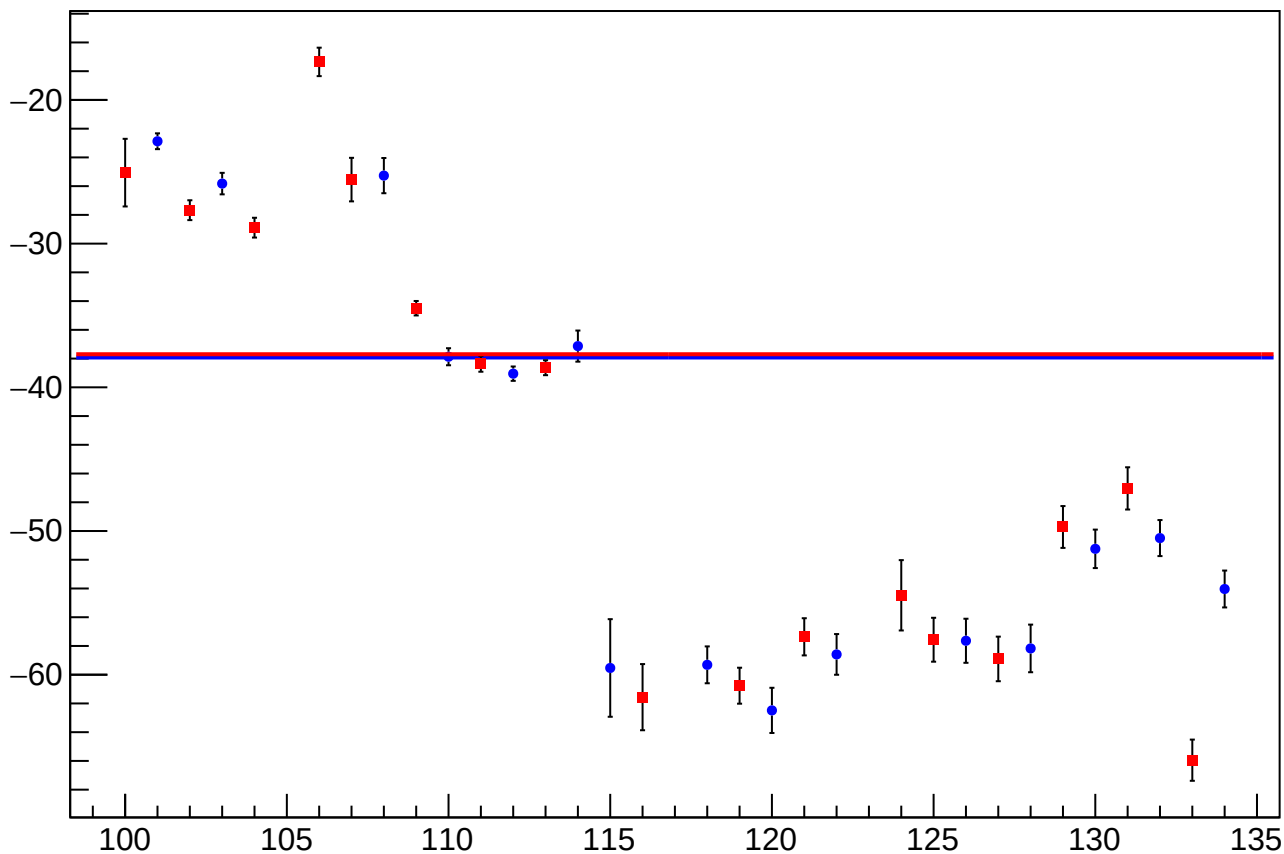
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.516 ± 0.163 χ^2/NDF : 2414.9/31

- 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 $\pm$ 0.238 χ^2 /NDF: 2568.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -37.698 $\pm$ 0.220 χ^2 /NDF: 2512.8/16

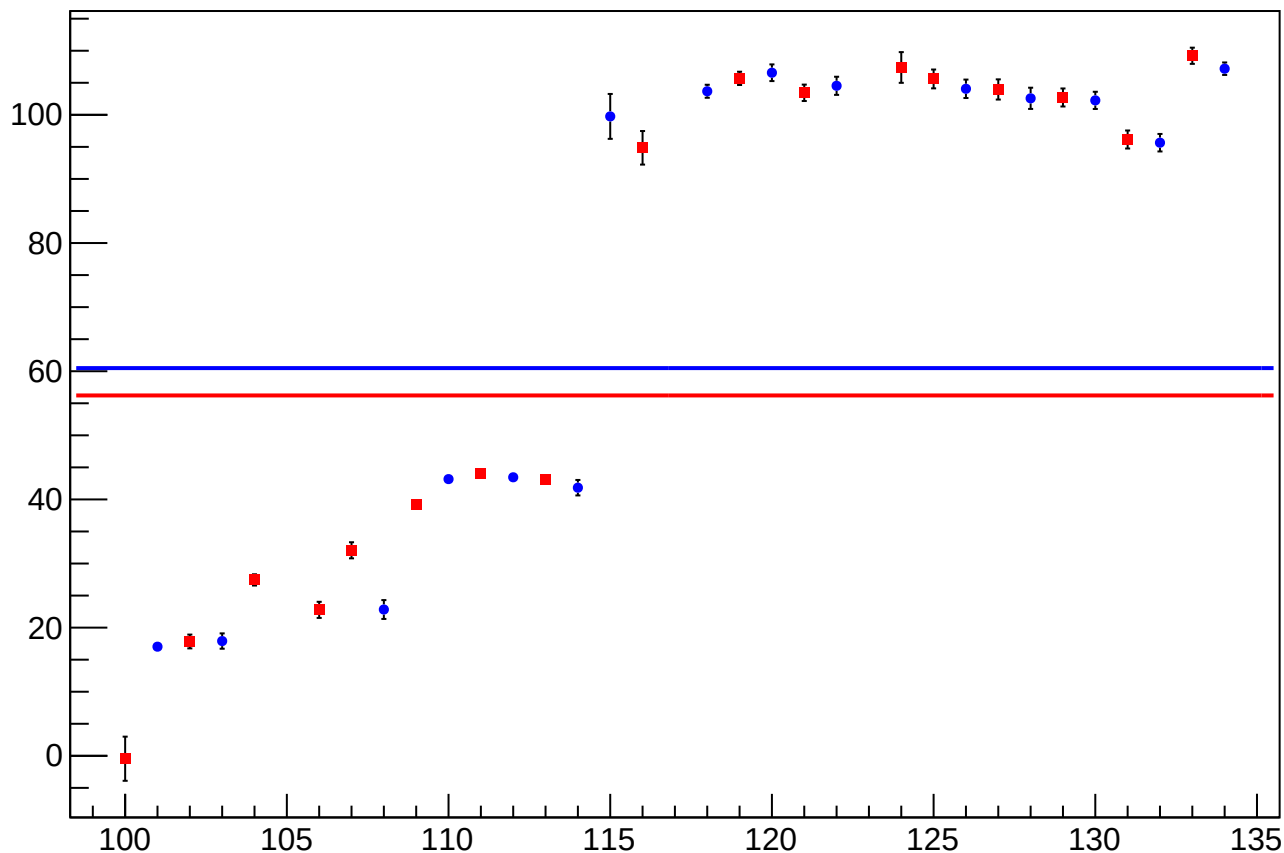
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -37.802 $\pm$ 0.161 χ^2 /NDF: 5082.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 60.488+/-0.272 χ^2/NDF : 16757.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.222+/-0.260 χ^2/NDF : 15103.3/16

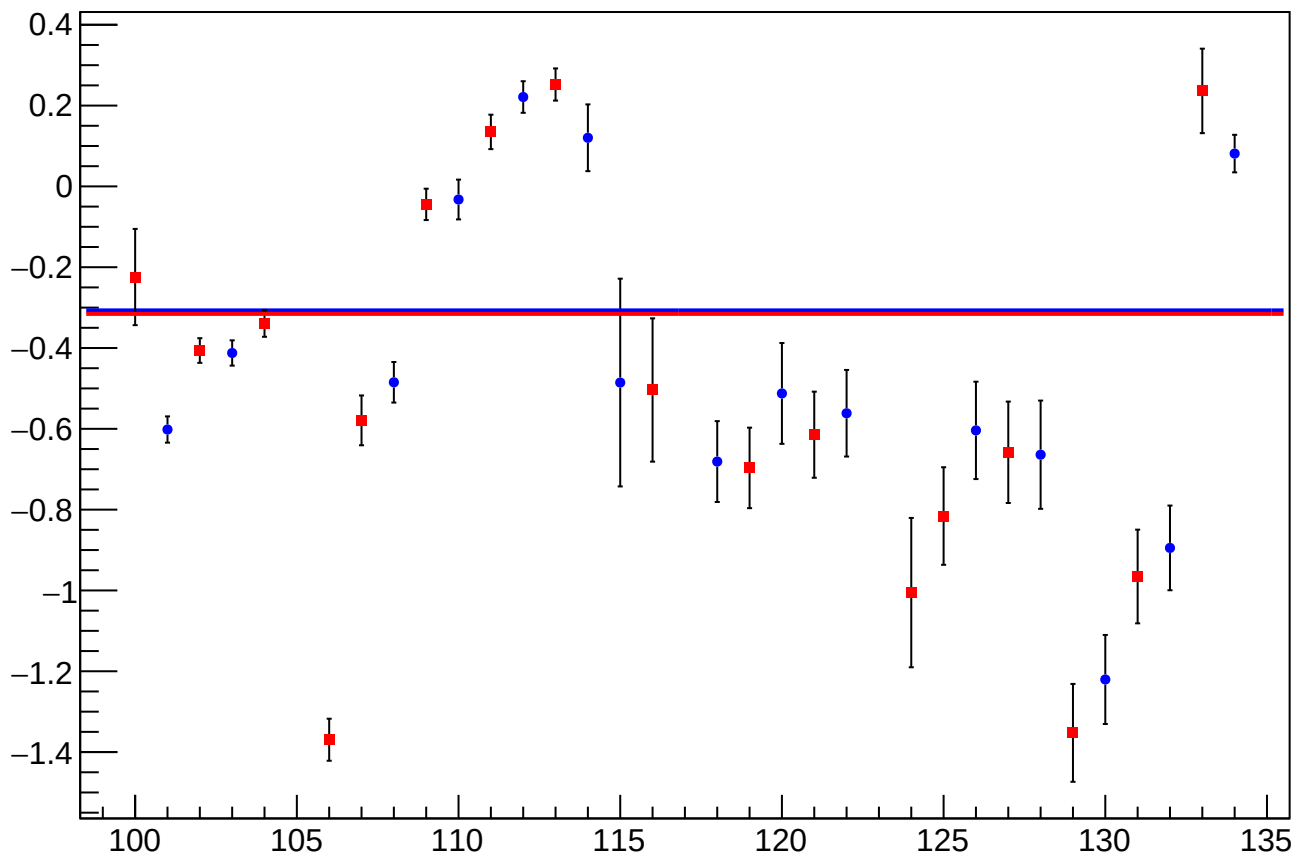
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.258+/-0.188 χ^2/NDF : 31989.9/31

- sign 0.000+/-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: -0.316 ± 0.014 χ^2/NDF : 997.3/16

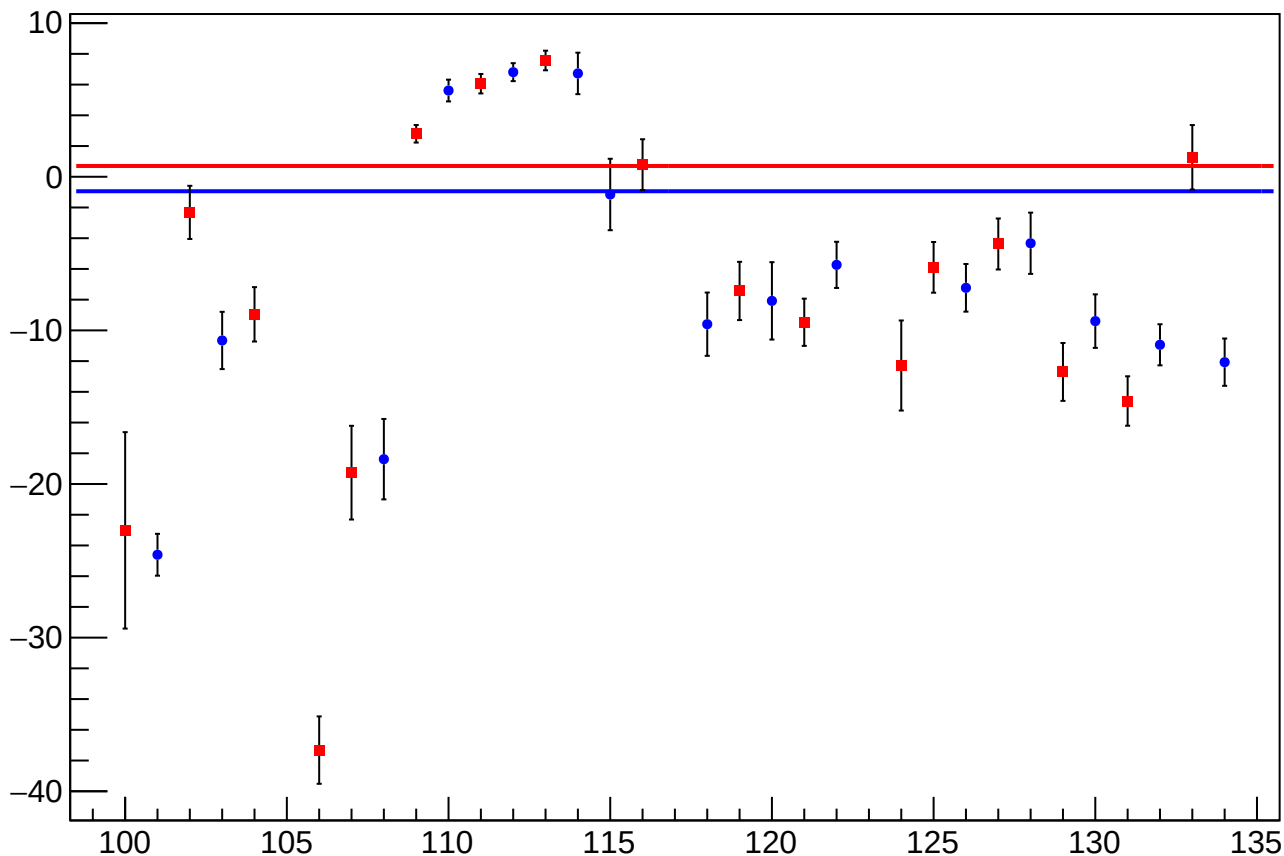
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.311 ± 0.010 χ^2/NDF : 1550.2/31

- 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: 0.702 ± 0.291 χ^2/NDF : 838.6/16

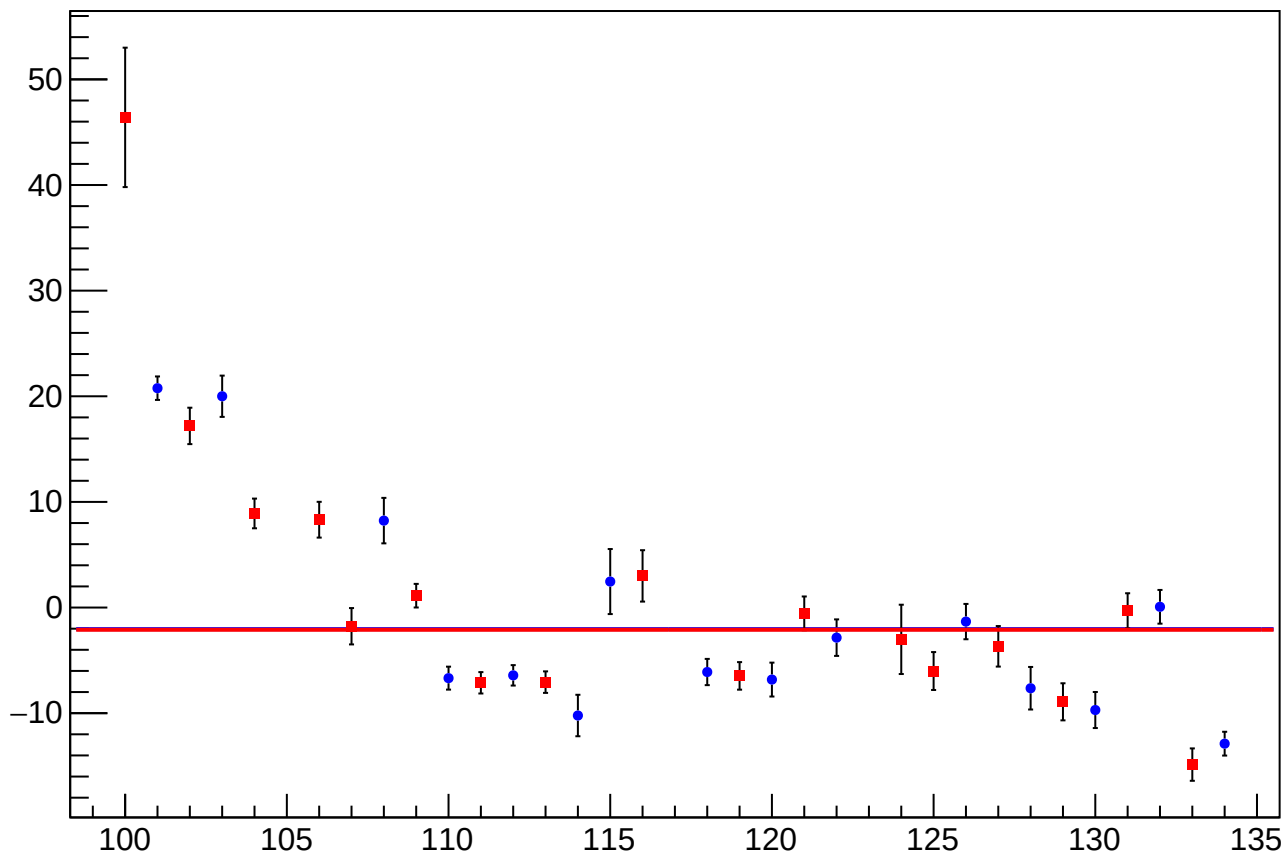
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.029 ± 0.217 χ^2/NDF : 1706.5/31

- 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: -2.102+/-0.372 χ^2/NDF : 442.9/16

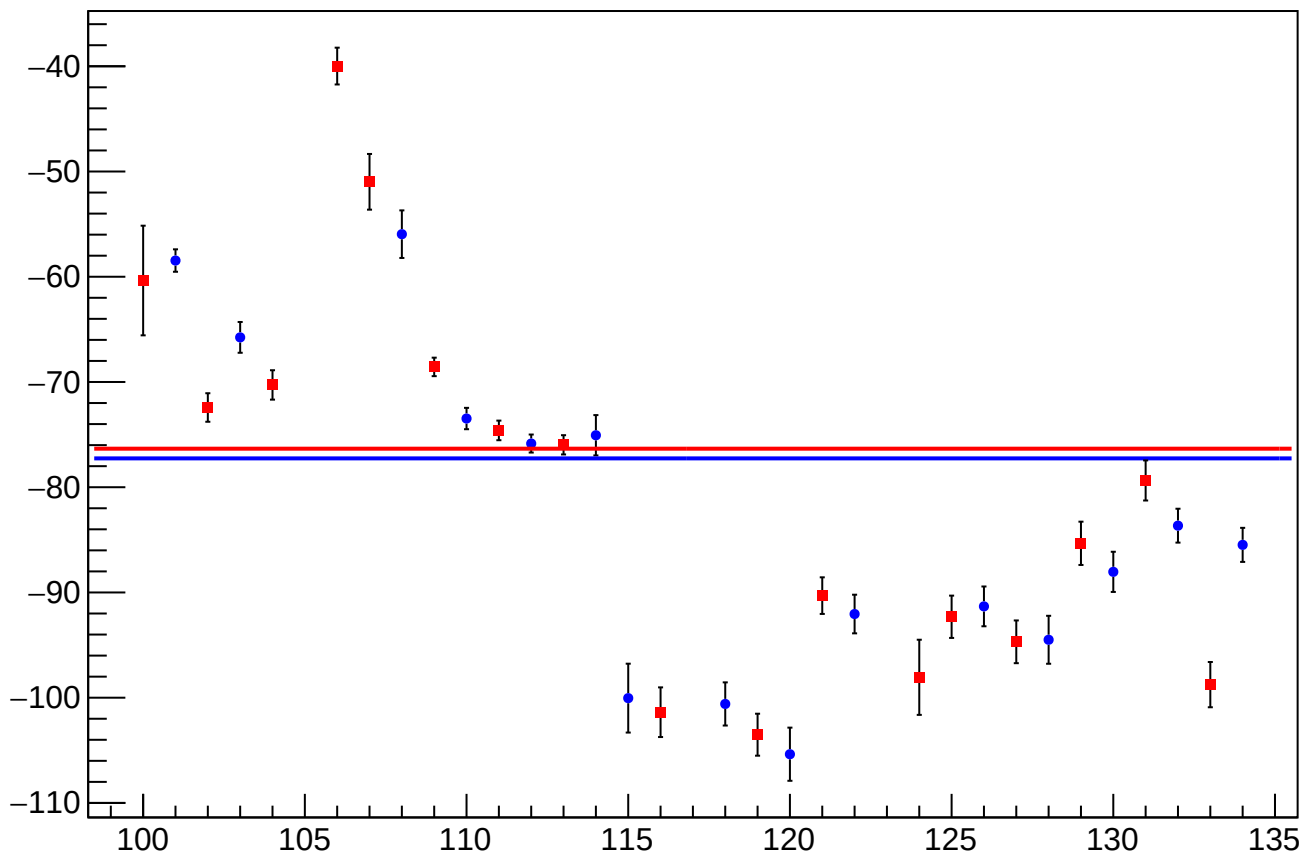
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.073+/-0.264 χ^2/NDF : 1214.8/31

- 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: -76.338 ± 0.371 χ^2/NDF : 1317.7/16

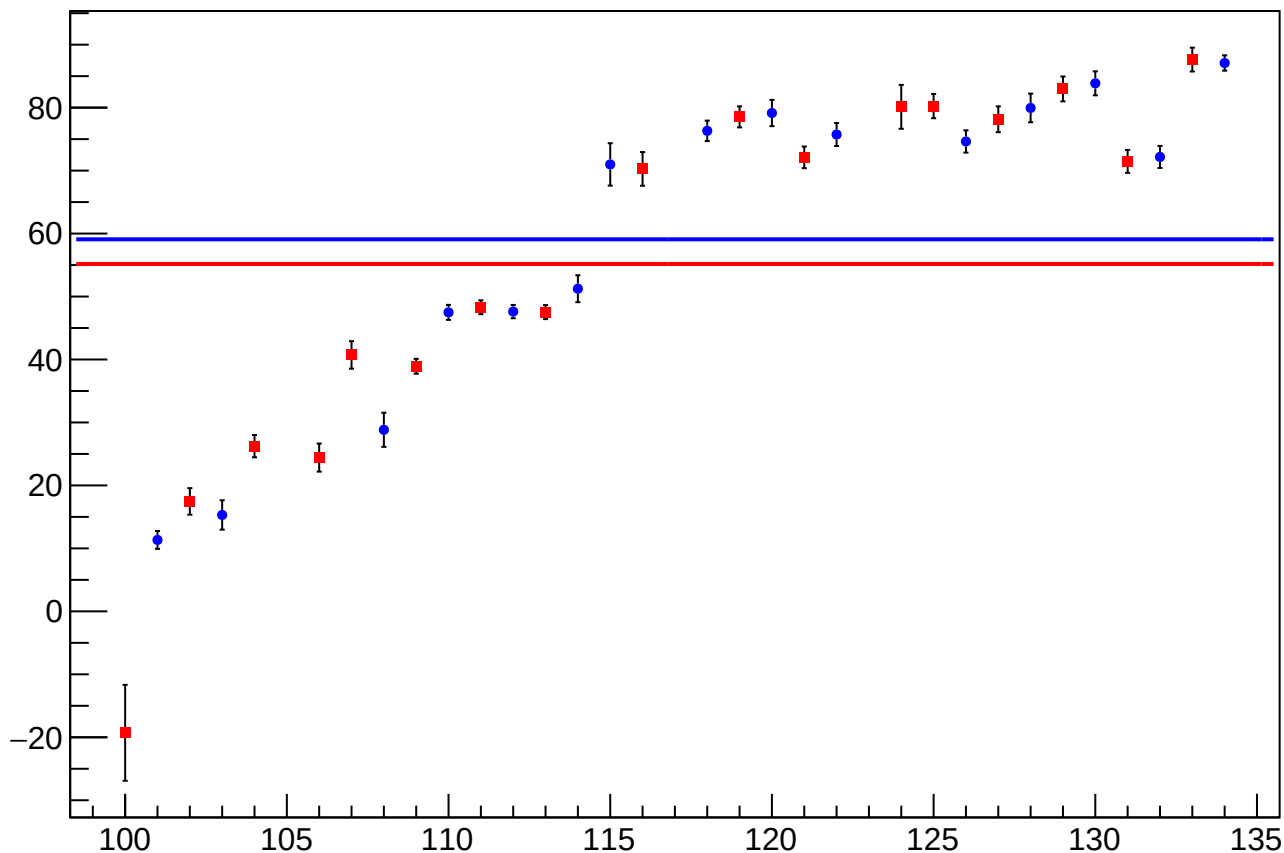
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -76.772 ± 0.270 χ^2/NDF : 2352.9/31

- 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: 55.171 $\pm$ 0.423 χ^2 /NDF: 2433.9/16

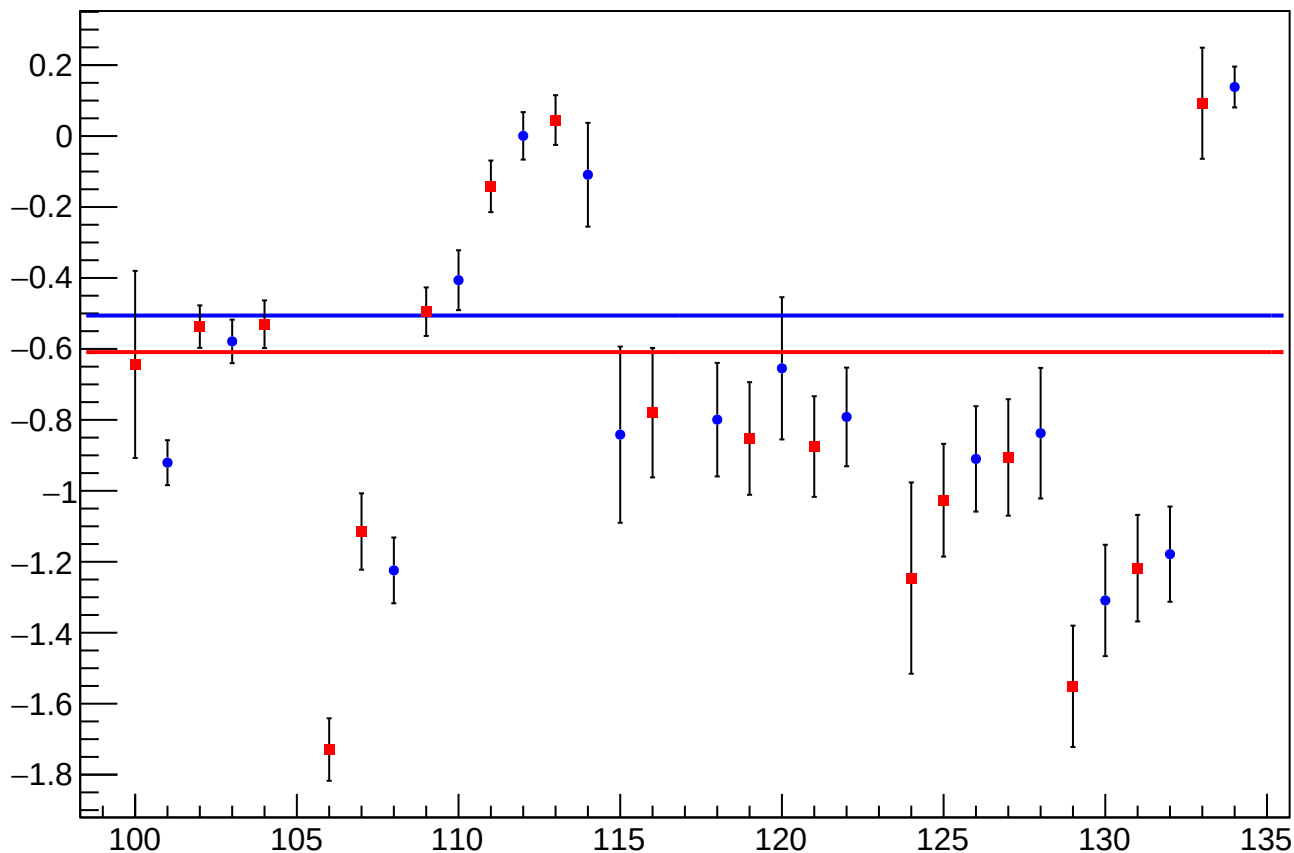
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 57.102 $\pm$ 0.302 χ^2 /NDF: 5529.6/31

- 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: -0.609 ± 0.024 χ^2/NDF : 407.3/16

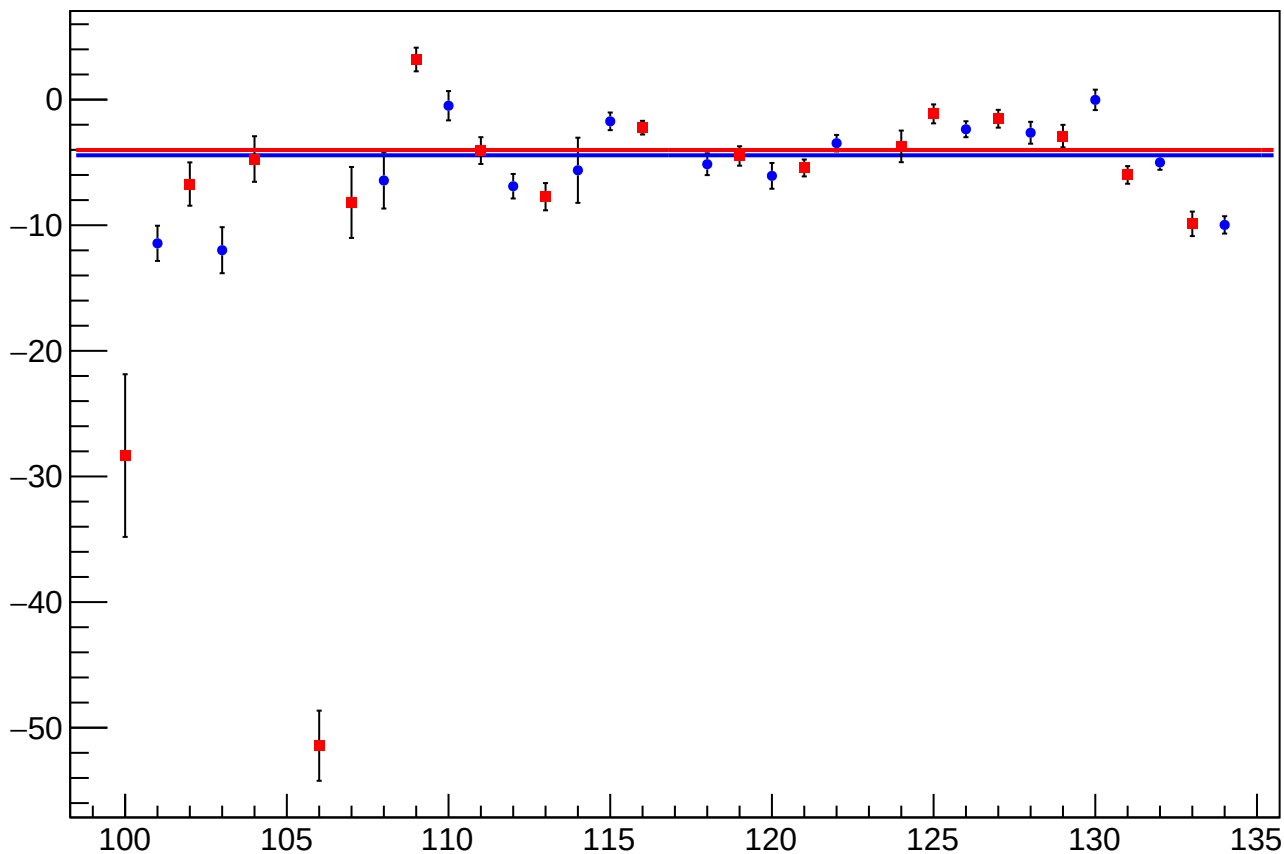
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.558 ± 0.017 χ^2/NDF : 783.5/31

- 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: -4.012 ± 0.225 χ^2/NDF : 466.0/16

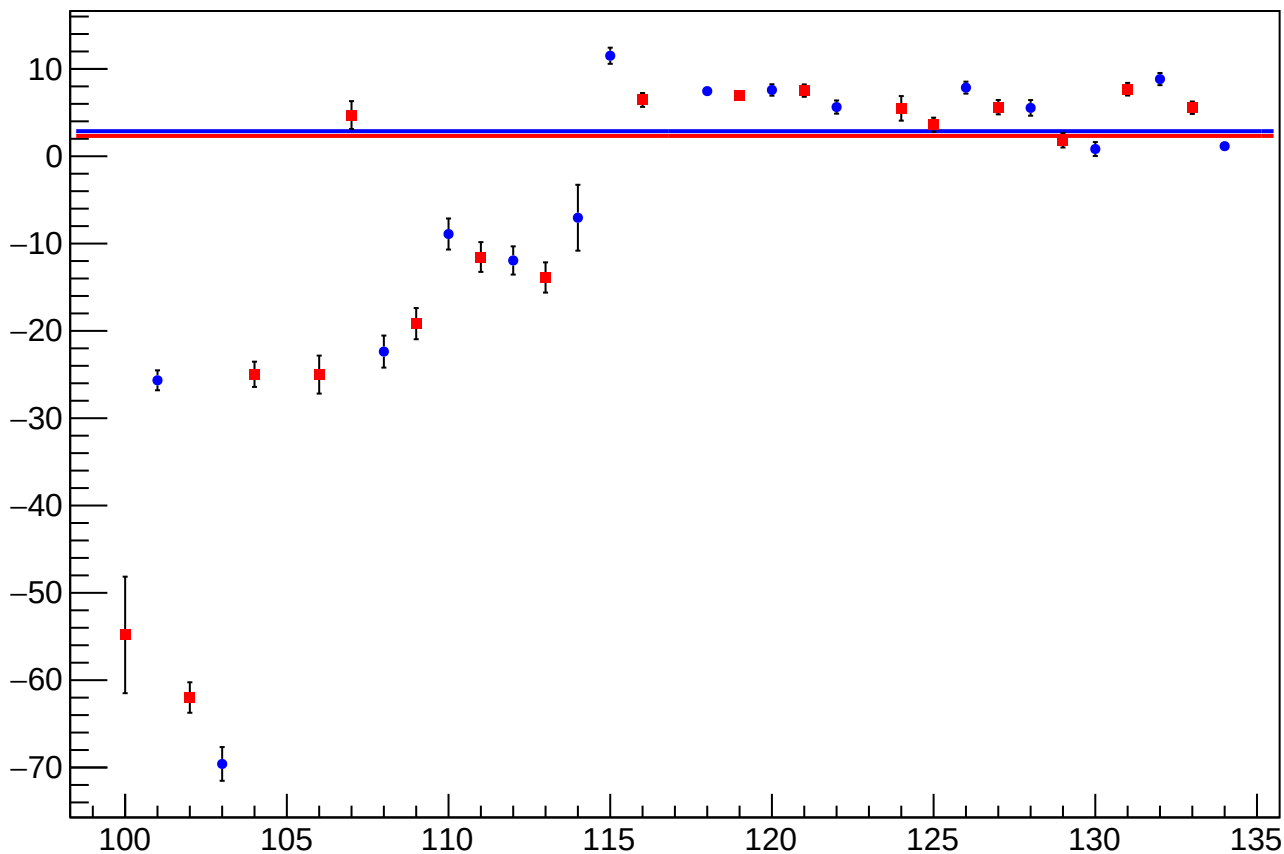
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.223 ± 0.159 χ^2/NDF : 658.7/31

- 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: 2.328 $\pm$ 0.234 χ^2 /NDF: 2502.7/16

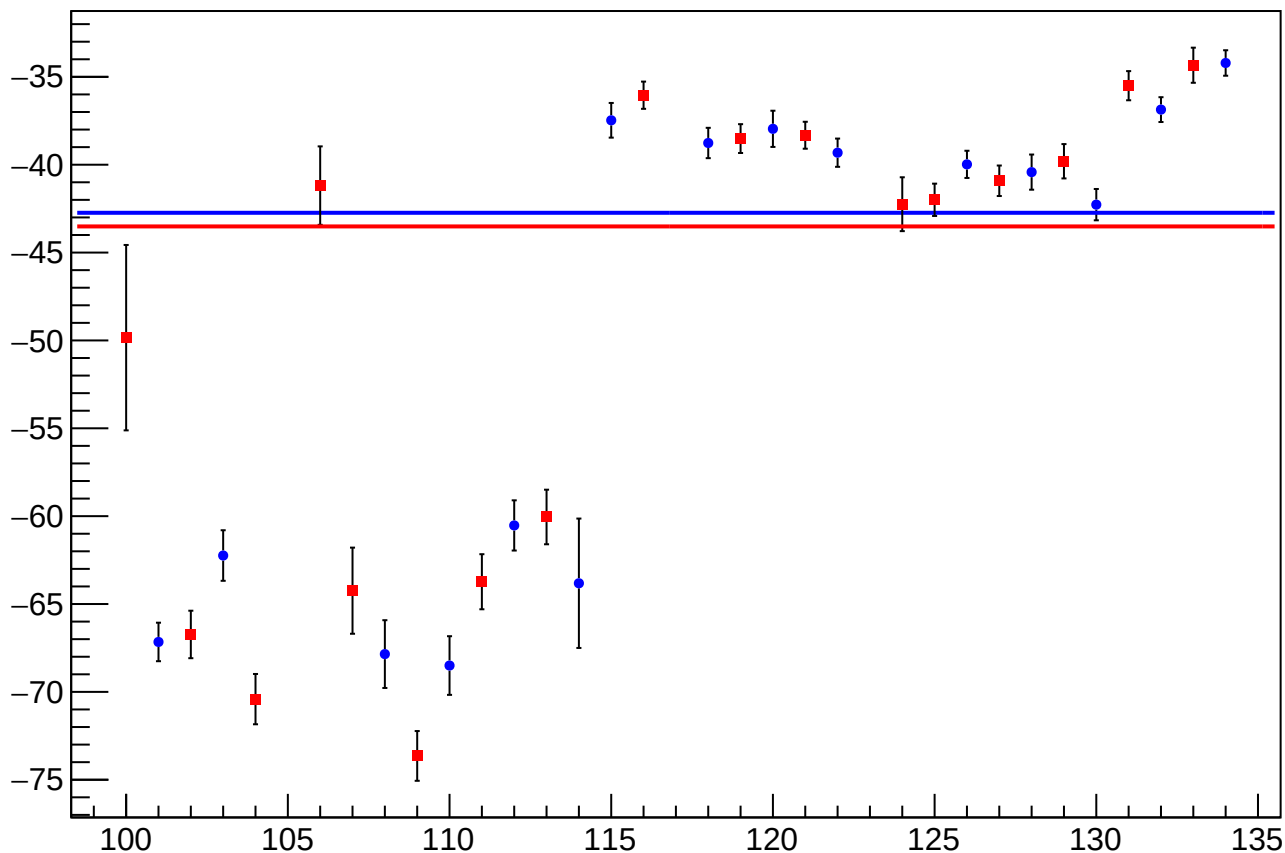
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.625 $\pm$ 0.158 χ^2 /NDF: 5246.7/31

- 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 $\pm$ 0.256 χ^2 /NDF: 1591.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -43.512 $\pm$ 0.267 χ^2 /NDF: 1835.5/16

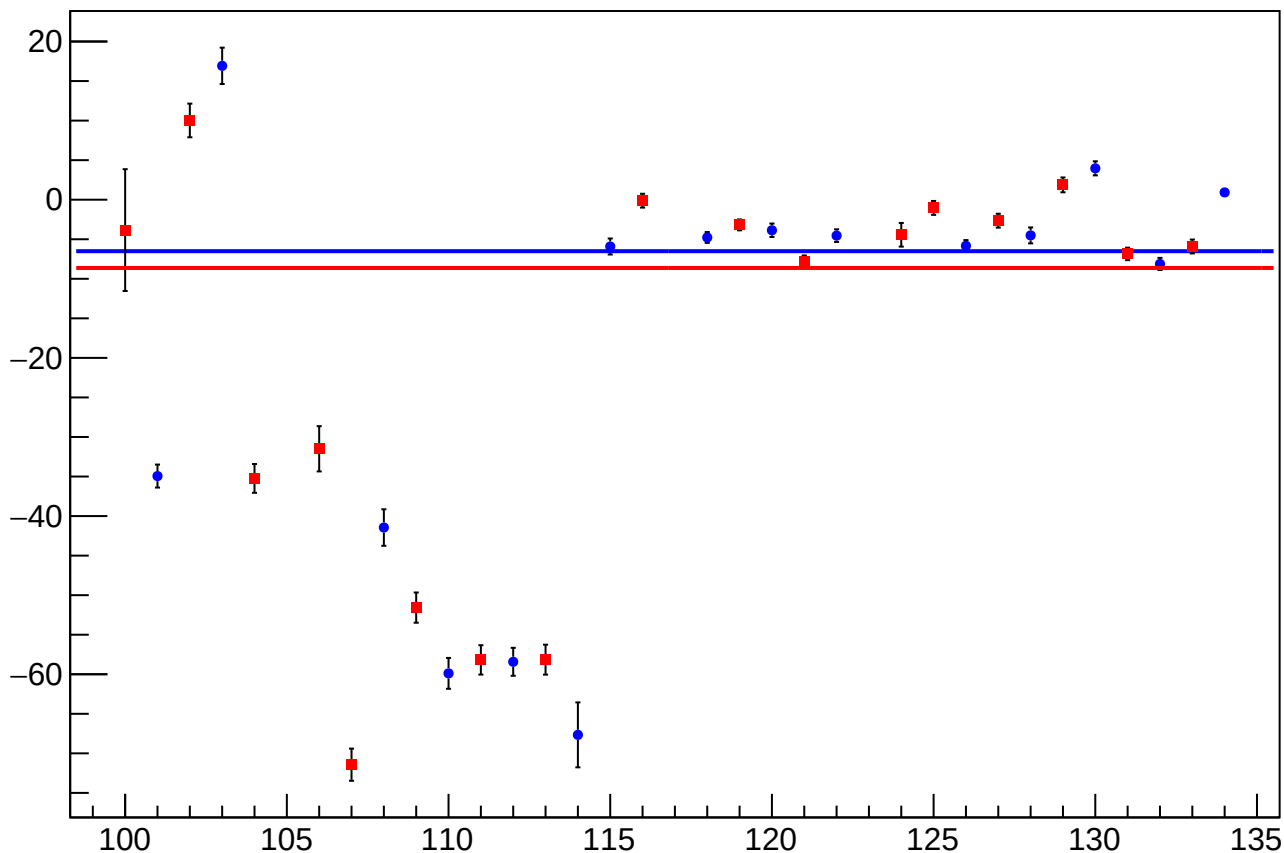
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -43.109 $\pm$ 0.185 χ^2 /NDF: 3431.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: -6.510 ± 0.244 χ^2/NDF : 2907.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.630 ± 0.268 χ^2/NDF : 3633.8/16

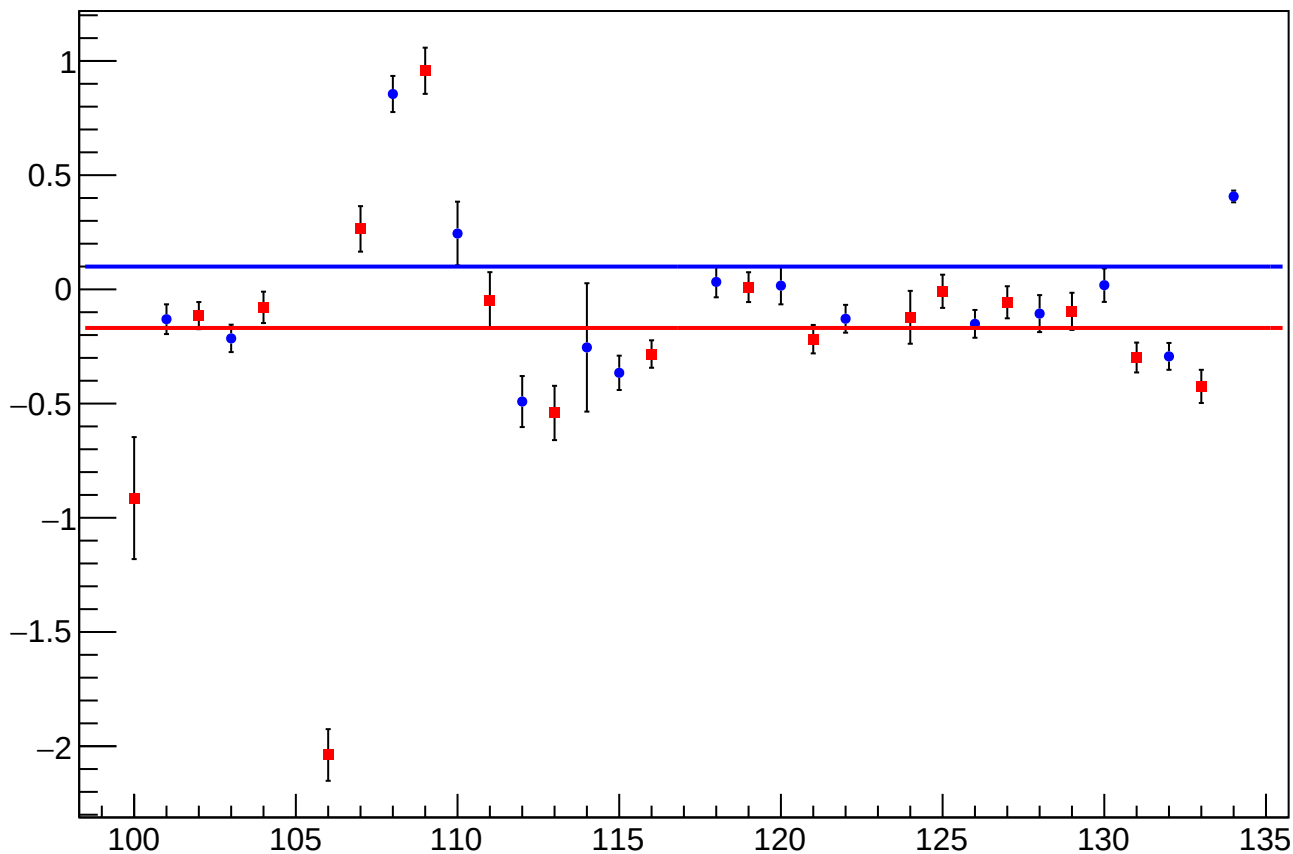
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.472 ± 0.180 χ^2/NDF : 6575.8/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.100 $\pm$ 0.016 χ^2 /NDF: 428.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.169 $\pm$ 0.019 χ^2 /NDF: 473.9/16

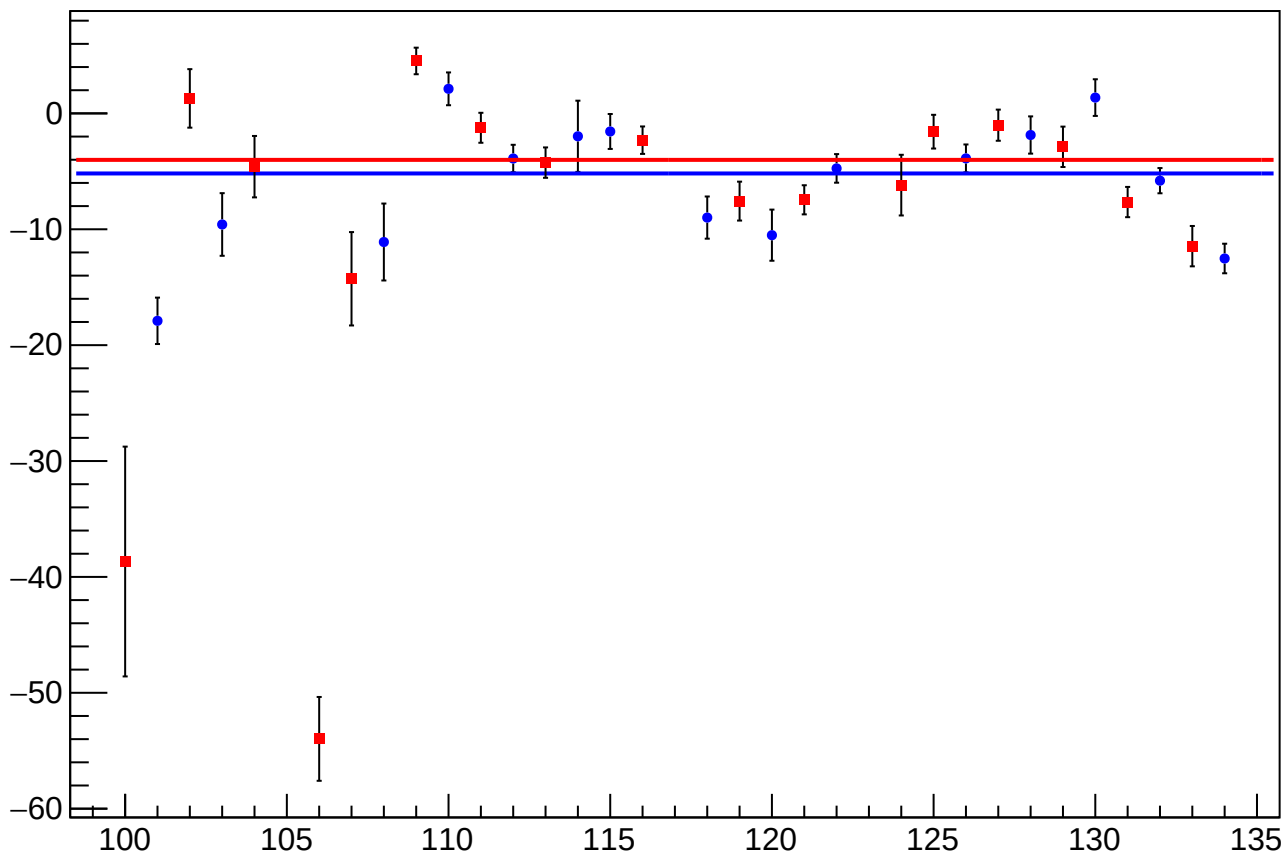
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.009 $\pm$ 0.012 χ^2 /NDF: 1020.0/31

- sign 0.000 $\pm$ 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: -4.011 ± 0.392 χ^2/NDF : 323.0/16

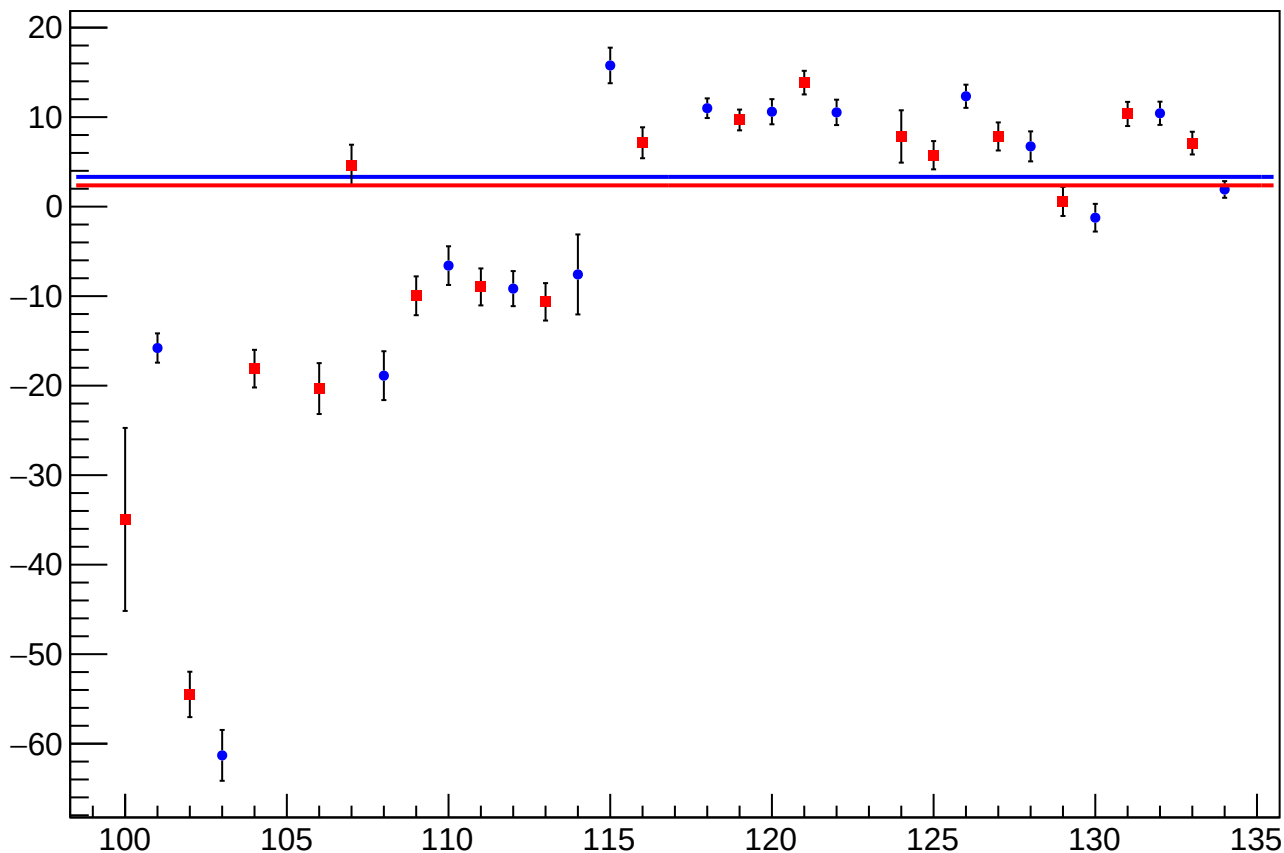
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.590 ± 0.279 χ^2/NDF : 474.6/31

- 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+/-0.397 χ^2/NDF : 1022.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.375+/-0.426 χ^2/NDF : 970.2/16

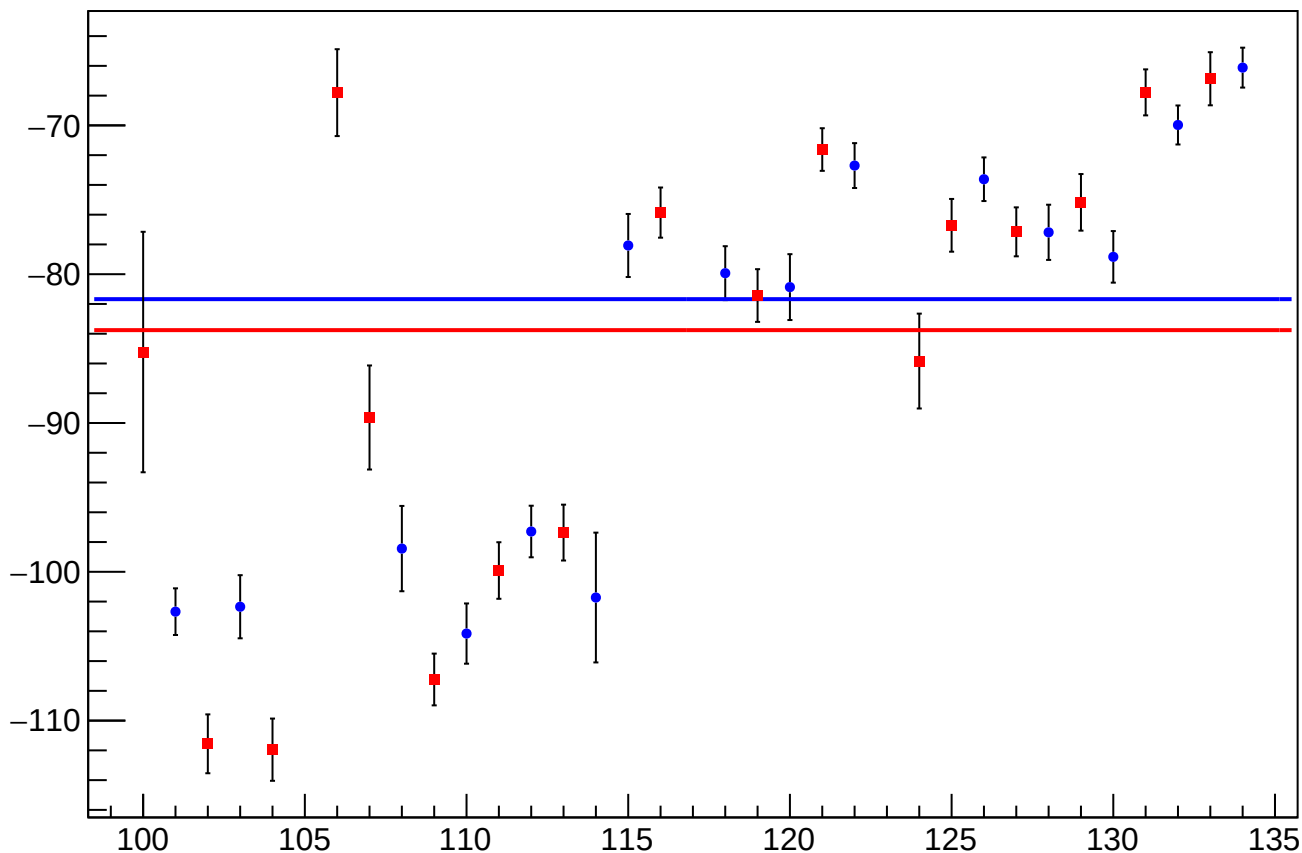
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.883+/-0.290 χ^2/NDF : 1995.0/31

- sign 0.000+/-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: -83.759 ± 0.469 χ^2/NDF : 1063.8/16

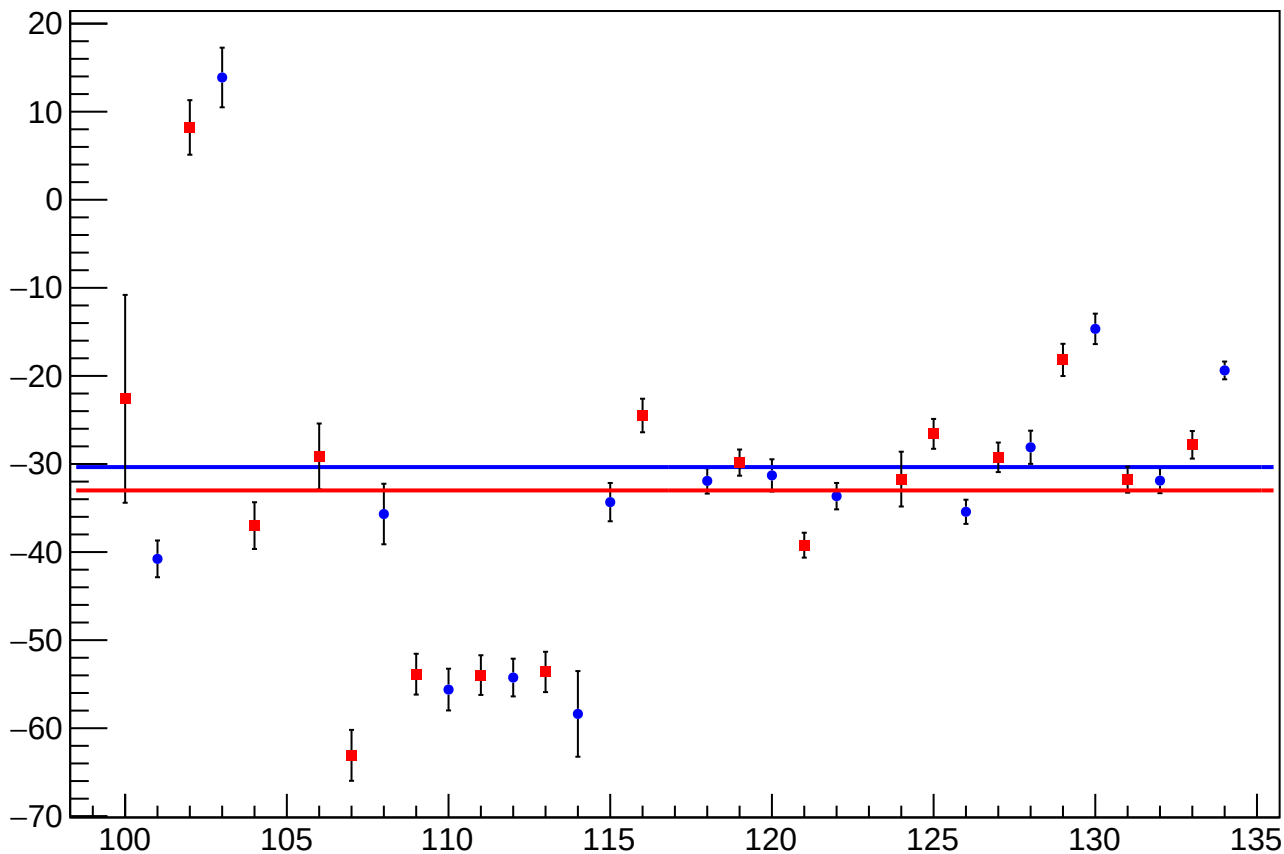
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -82.692 ± 0.328 χ^2/NDF : 1900.6/31

- 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: -33.002 ± 0.487 χ^2/NDF : 679.0/16

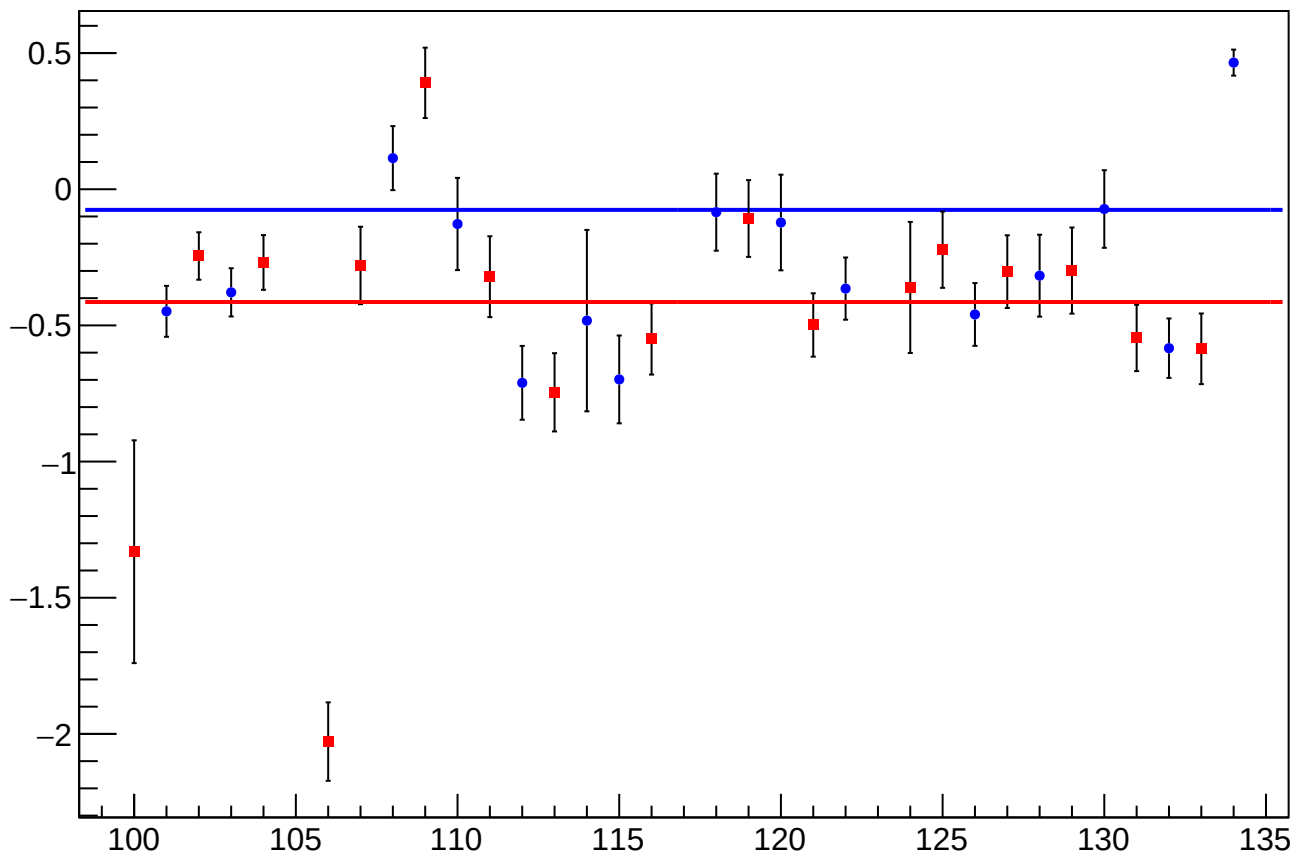
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.577 ± 0.331 χ^2/NDF : 1391.5/31

- 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 $\pm$ 0.028 χ^2 /NDF: 238.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.414 $\pm$ 0.032 χ^2 /NDF: 194.3/16

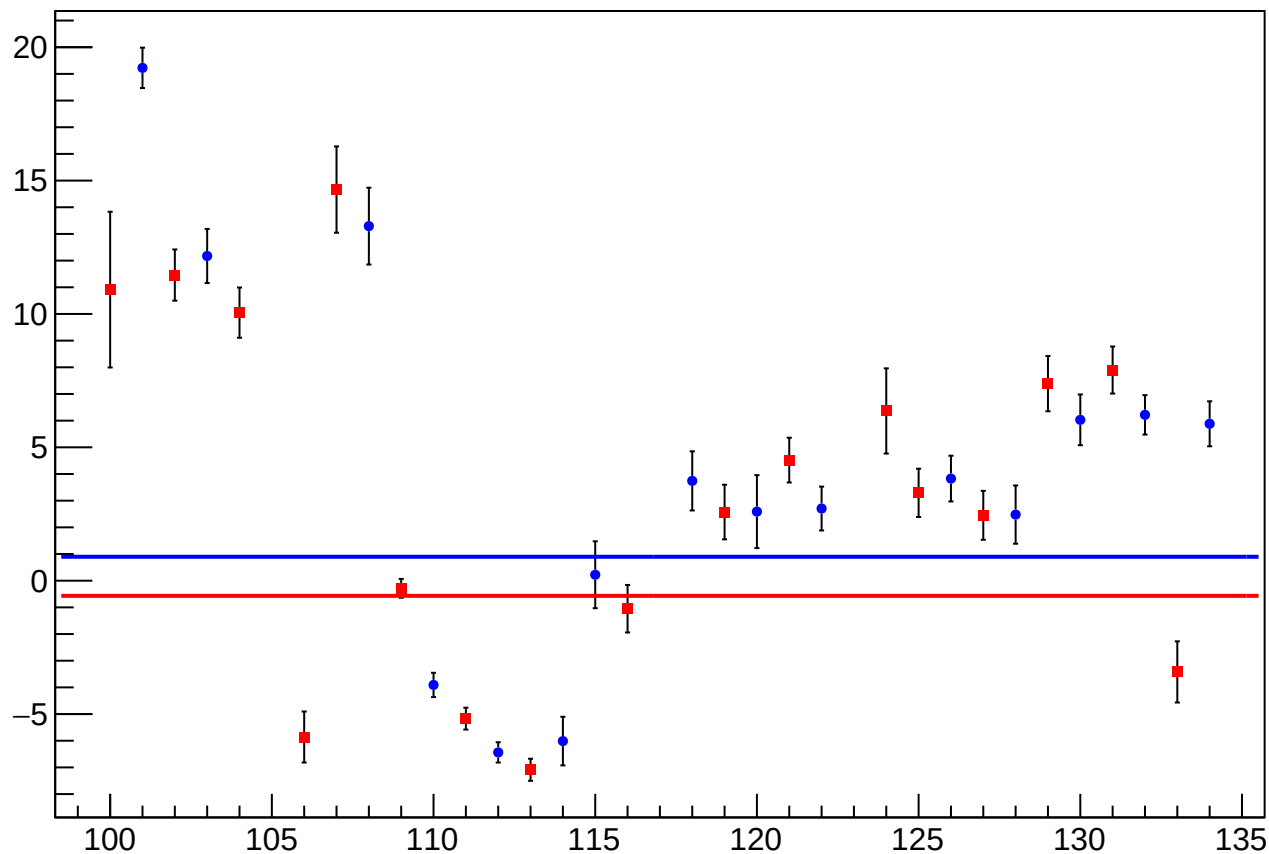
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.220 $\pm$ 0.021 χ^2 /NDF: 496.6/31

- sign 0.000 $\pm$ 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: -0.568 $\pm$ 0.174 χ^2 /NDF: 1044.8/16

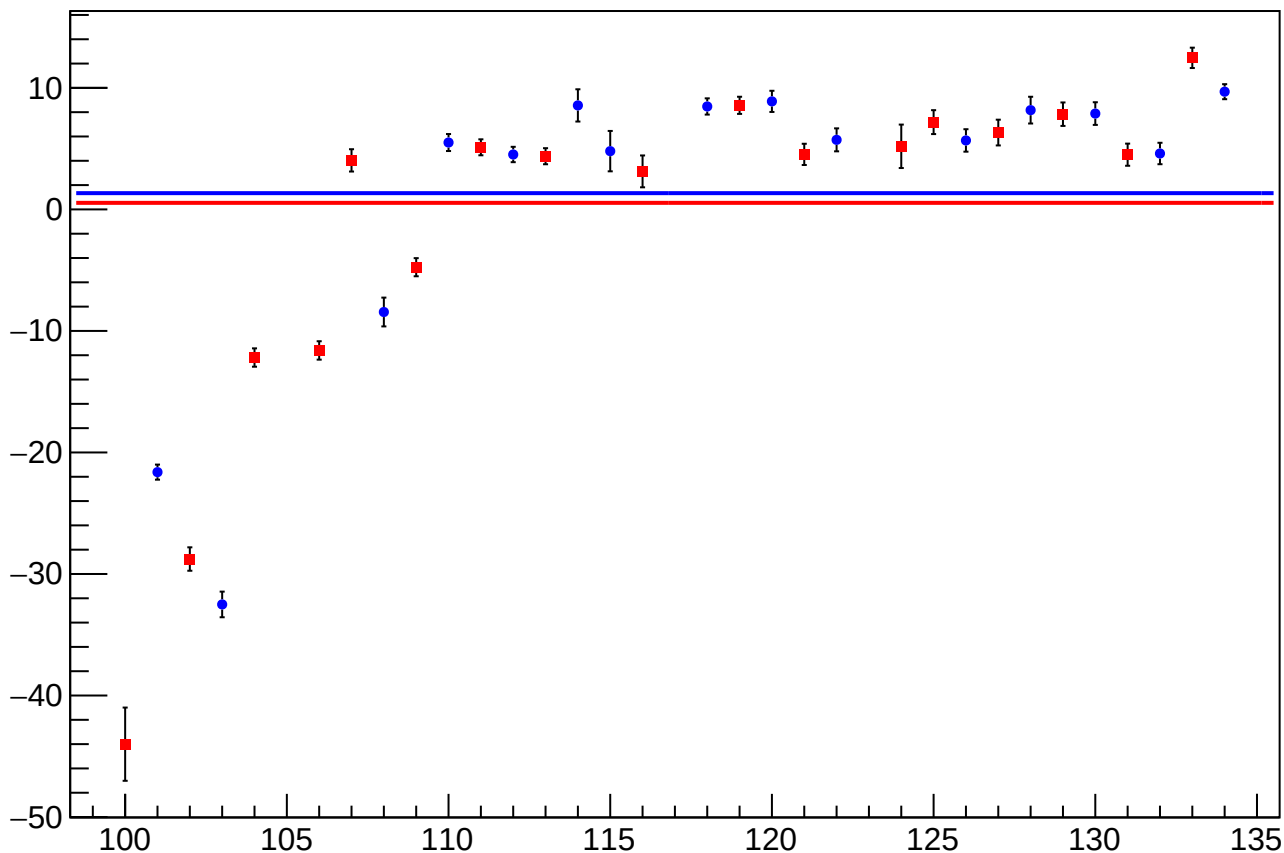
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.079 $\pm$ 0.130 χ^2 /NDF: 2542.4/31

- 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: 0.539 $\pm$ 0.213 χ^2 /NDF: 2346.4/16

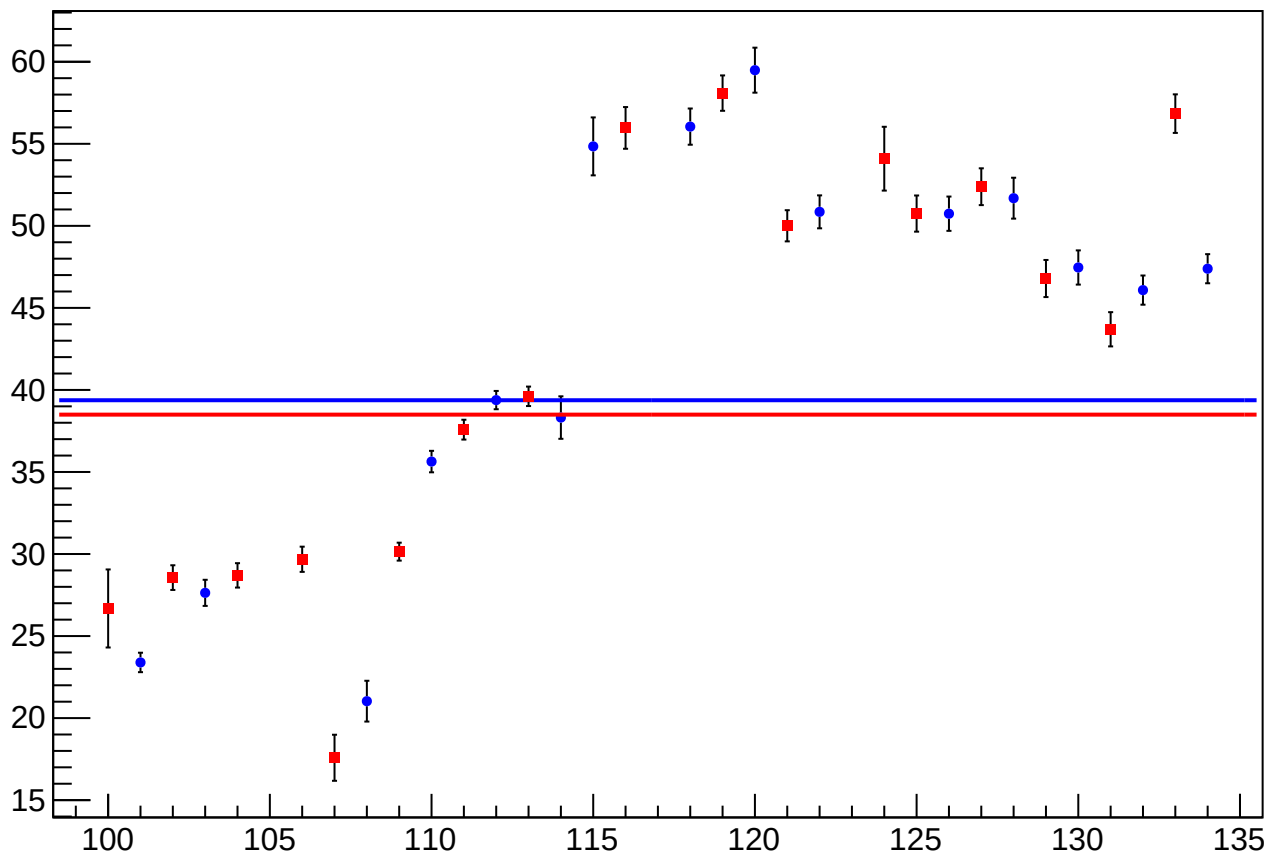
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.932 $\pm$ 0.152 χ^2 /NDF: 5430.8/31

- 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 $\pm$ 0.230 χ^2 /NDF: 2261.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 38.495 $\pm$ 0.214 χ^2 /NDF: 2295.3/16

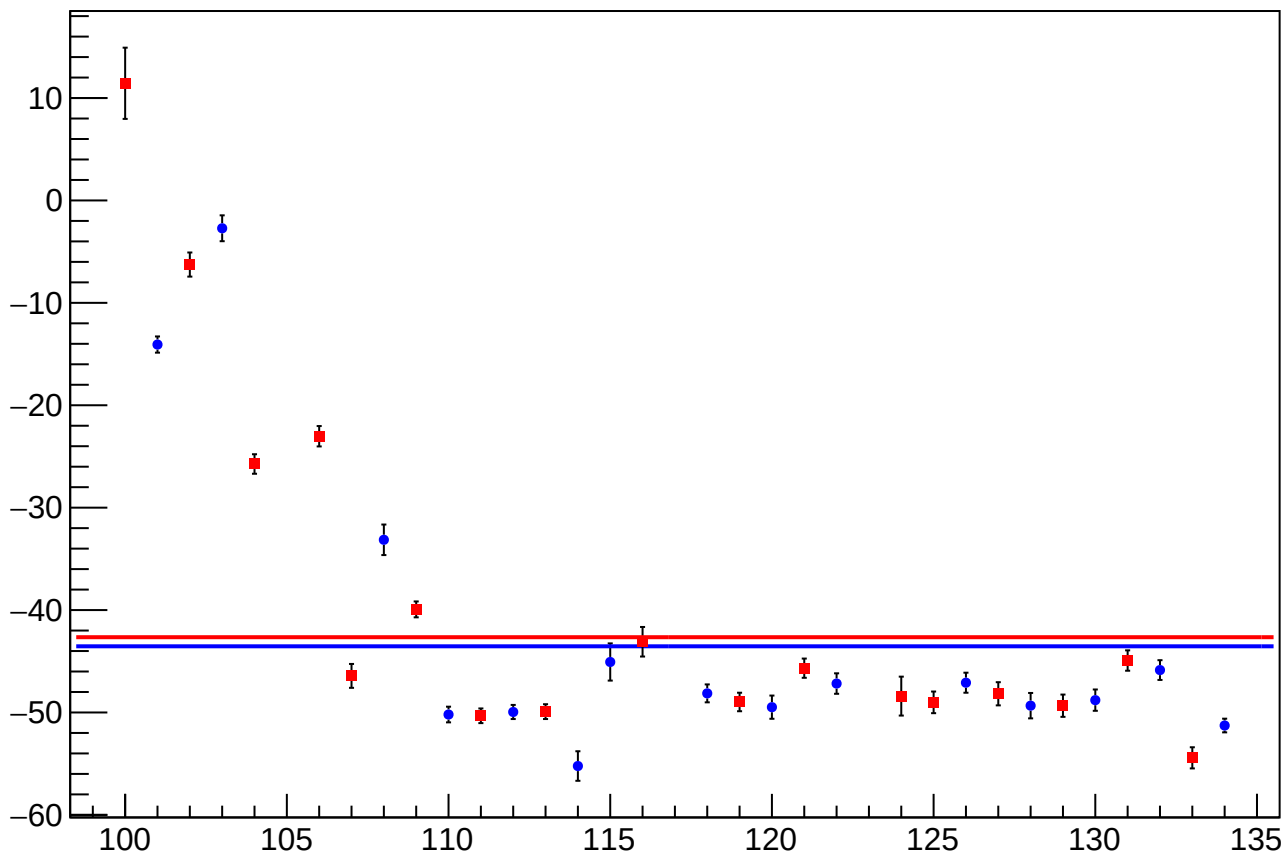
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 38.902 $\pm$ 0.157 χ^2 /NDF: 4564.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



Right In: -43.539 ± 0.248 χ^2/NDF : 2977.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -42.650 ± 0.244 χ^2/NDF : 2441.4/16

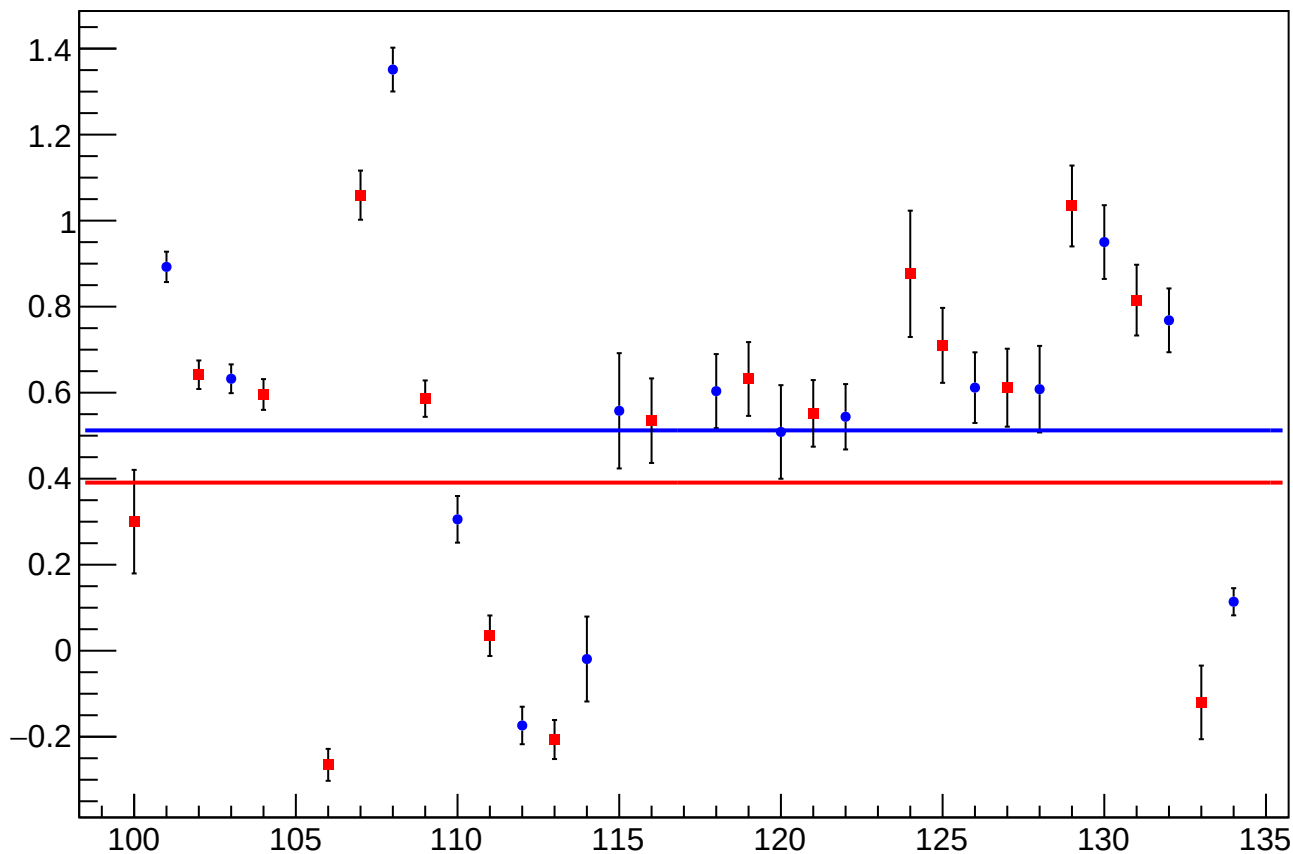
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -43.088 ± 0.174 χ^2/NDF : 5425.8/31

- sign 0.000 ± 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: 0.391 $\pm$ 0.014 χ^2 /NDF: 945.7/16

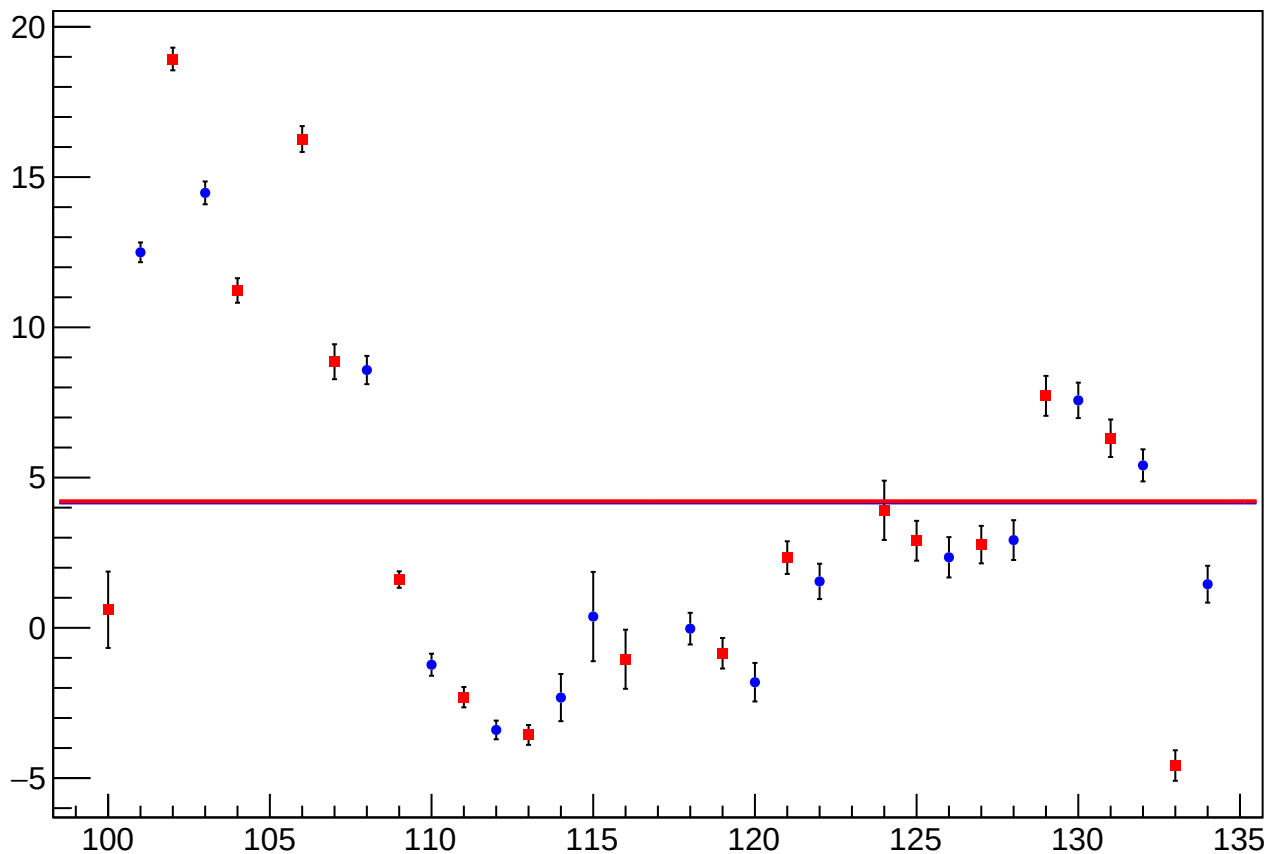
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.450 $\pm$ 0.010 χ^2 /NDF: 1876.7/31

- 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+/-0.126 χ^2/NDF : 2590.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.211+/-0.115 χ^2/NDF : 4183.6/16

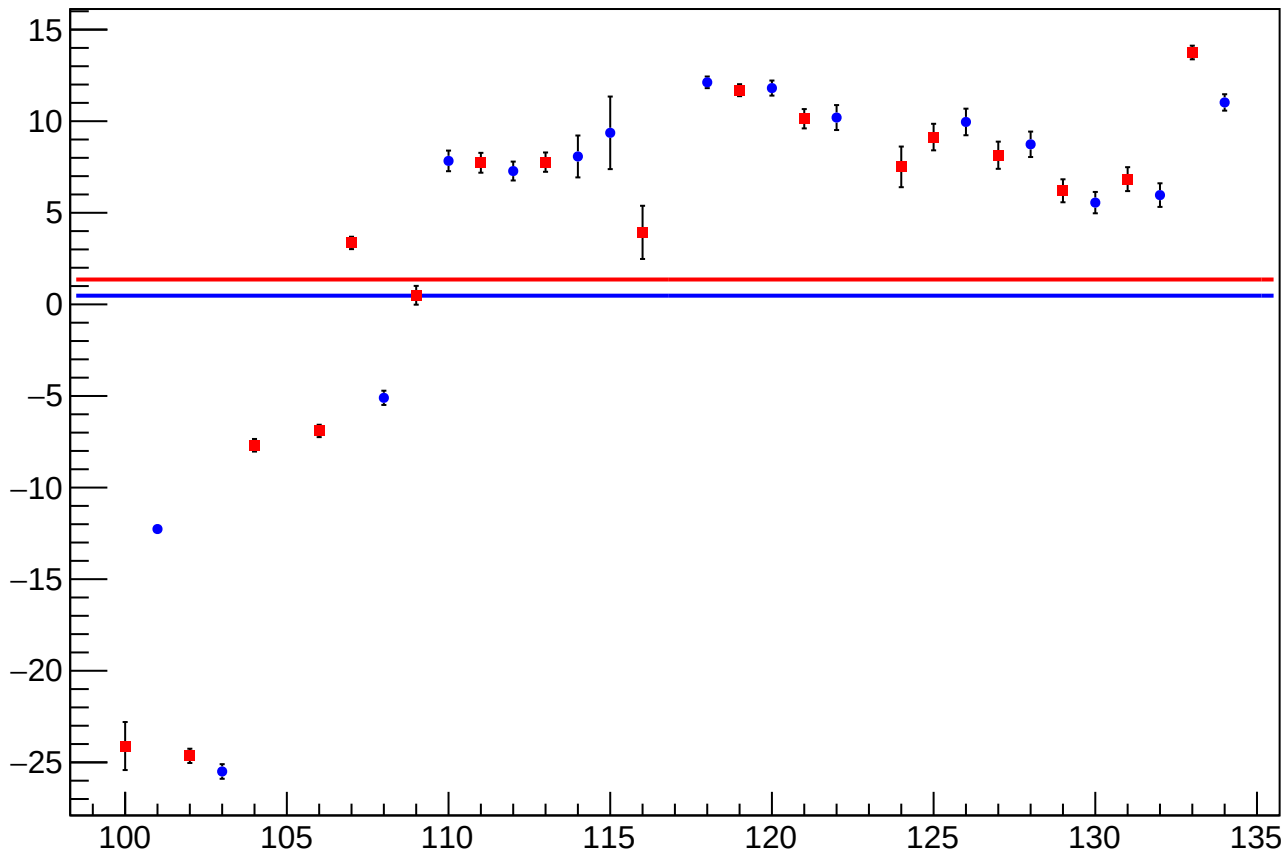
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.194+/-0.085 χ^2/NDF : 6774.2/31

- sign 0.000+/-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: 1.358+/-0.116 χ^2/NDF : 9192.4/16

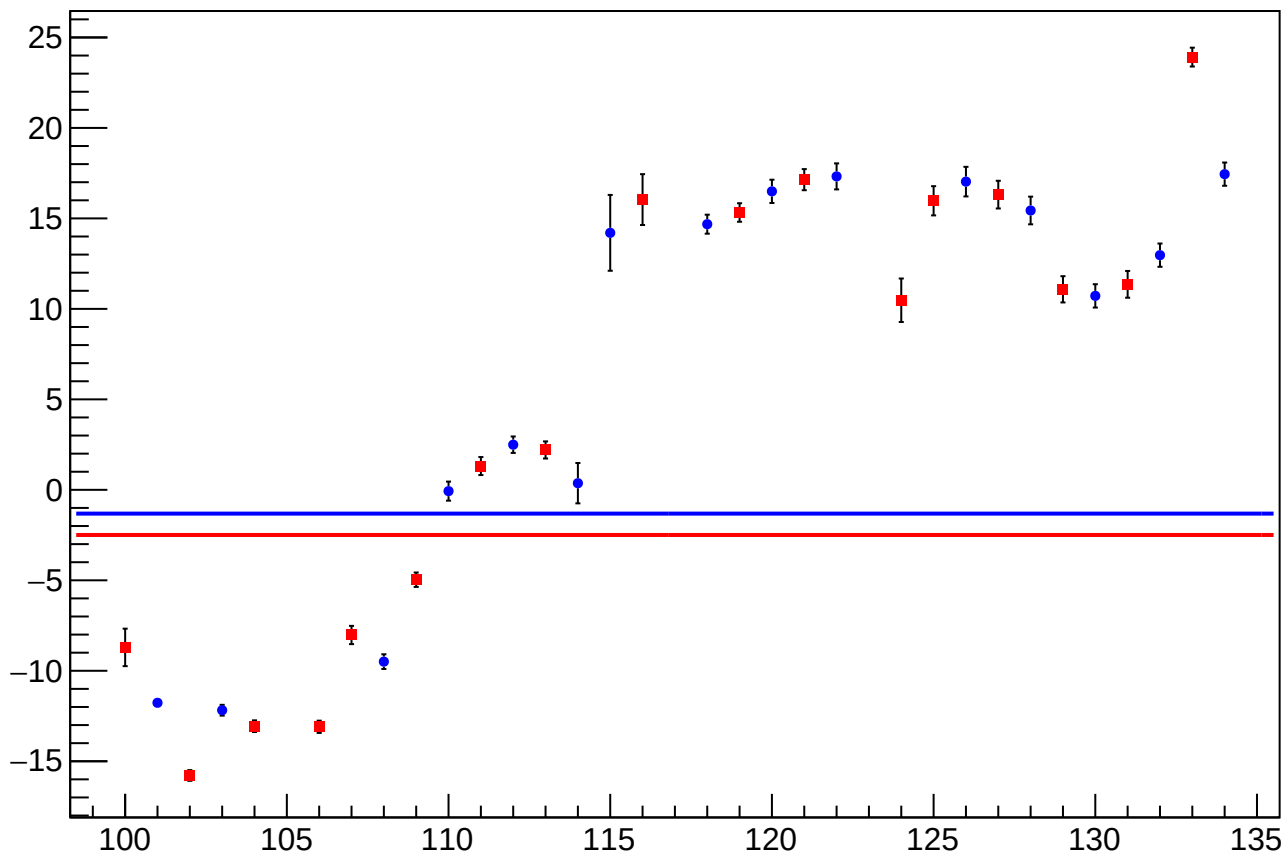
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.939+/-0.084 χ^2/NDF : 19635.4/31

- 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: -2.495+/-0.121 χ^2 /NDF: 11470.1/16

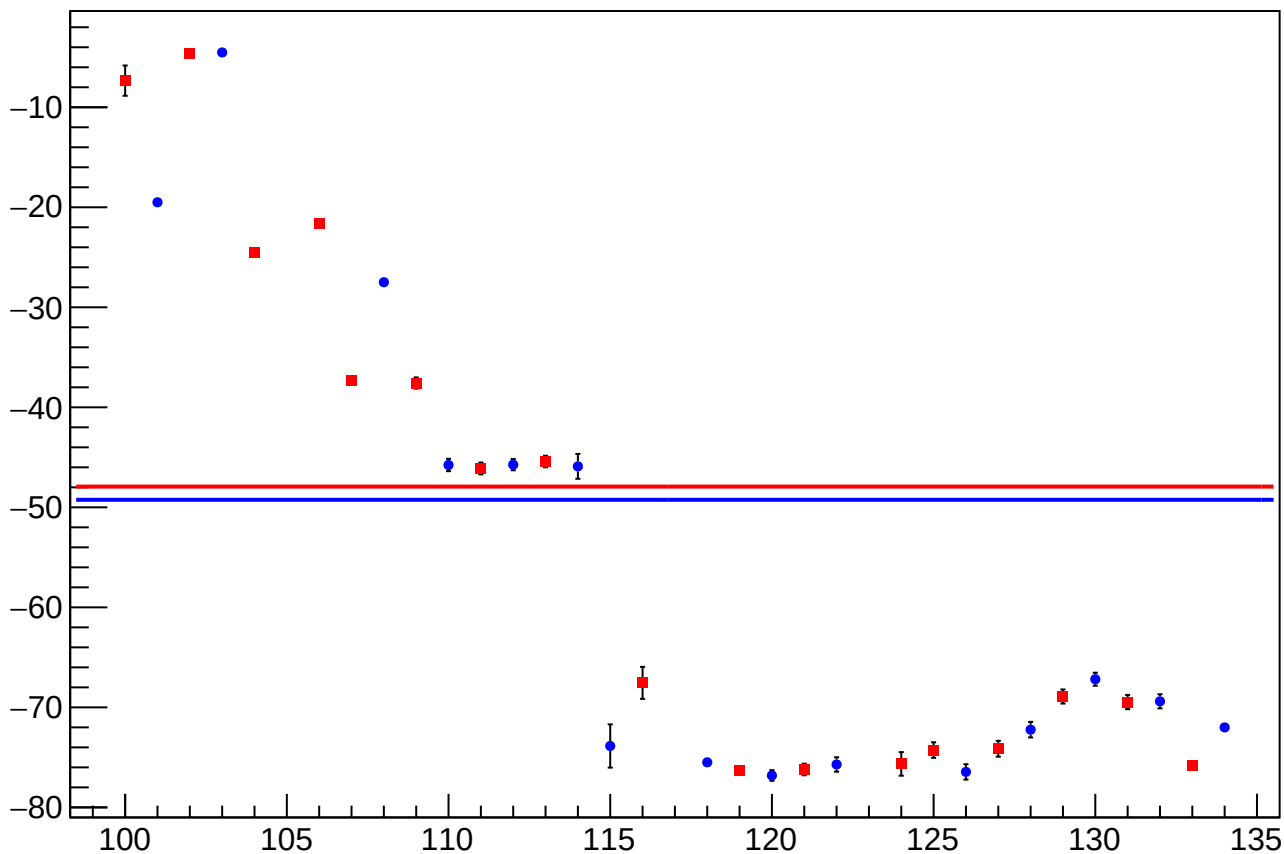
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1.940+/-0.088 χ^2 /NDF: 20085.3/31

- 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 $\pm$ 0.146 χ^2 /NDF: 32393.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -47.927 $\pm$ 0.139 χ^2 /NDF: 32028.4/16

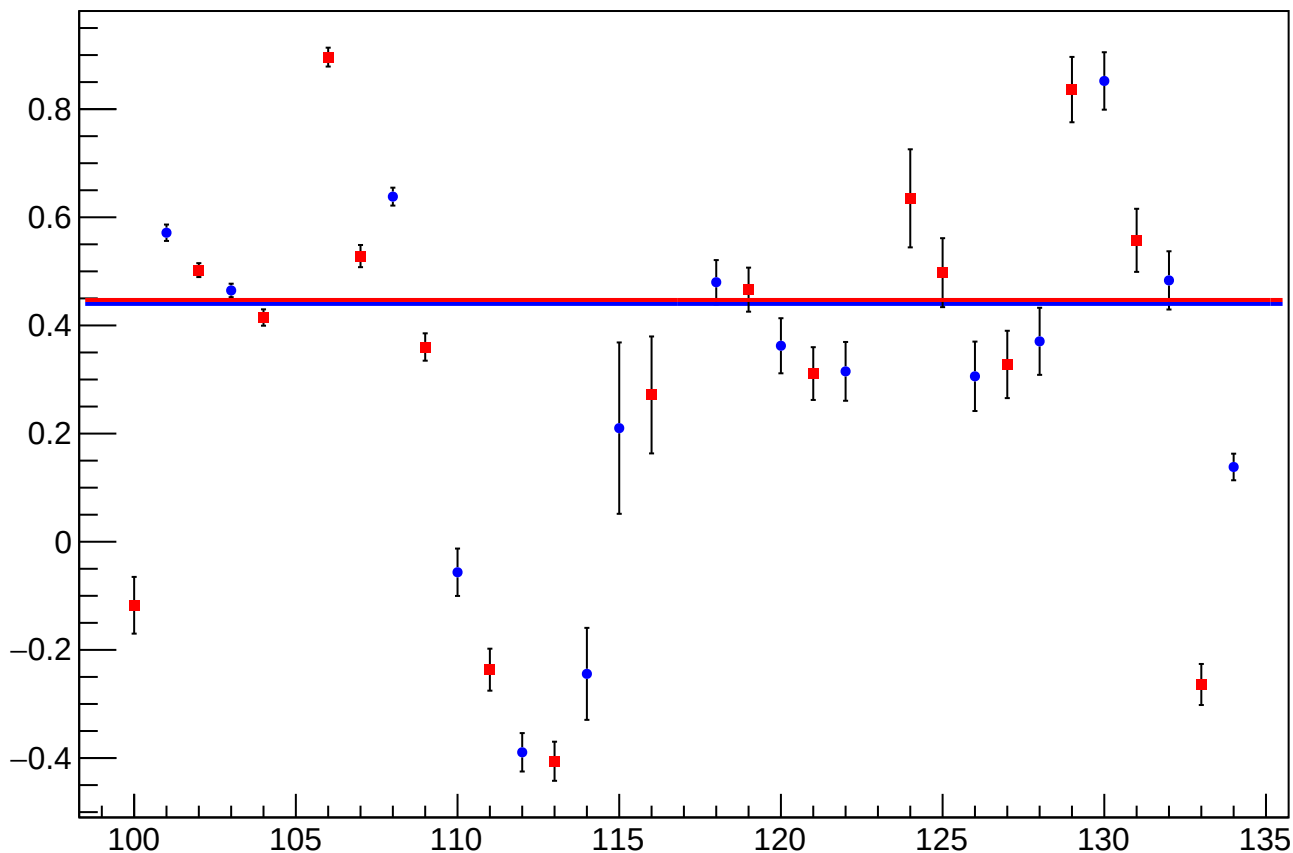
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -48.554 $\pm$ 0.101 χ^2 /NDF: 64465.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.440 $\pm$ 0.007 χ^2 /NDF: 1188.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.447 $\pm$ 0.007 χ^2 /NDF: 2109.9/16

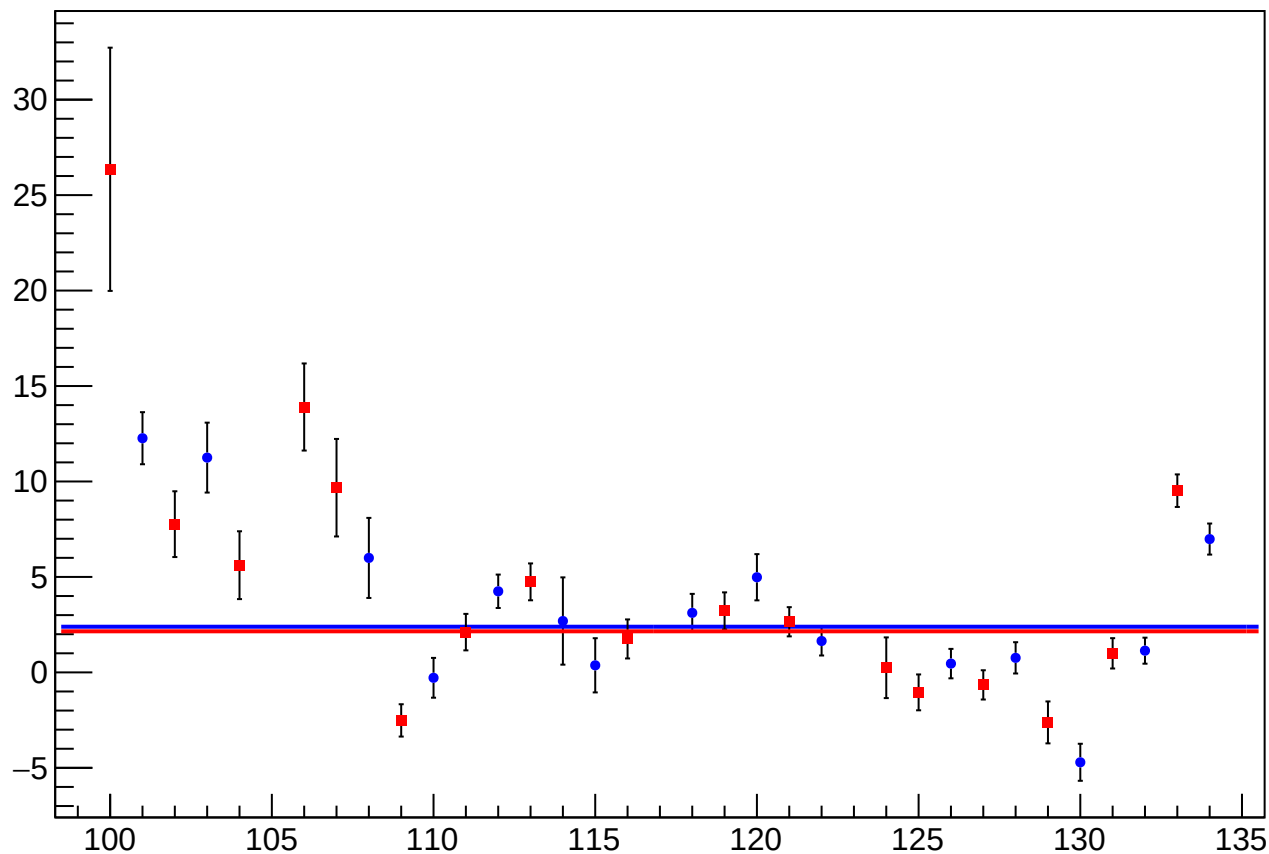
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.444 $\pm$ 0.005 χ^2 /NDF: 3298.8/31

- sign 0.000 $\pm$ 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: 2.152 $\pm$ 0.255 χ^2 /NDF: 225.4/16

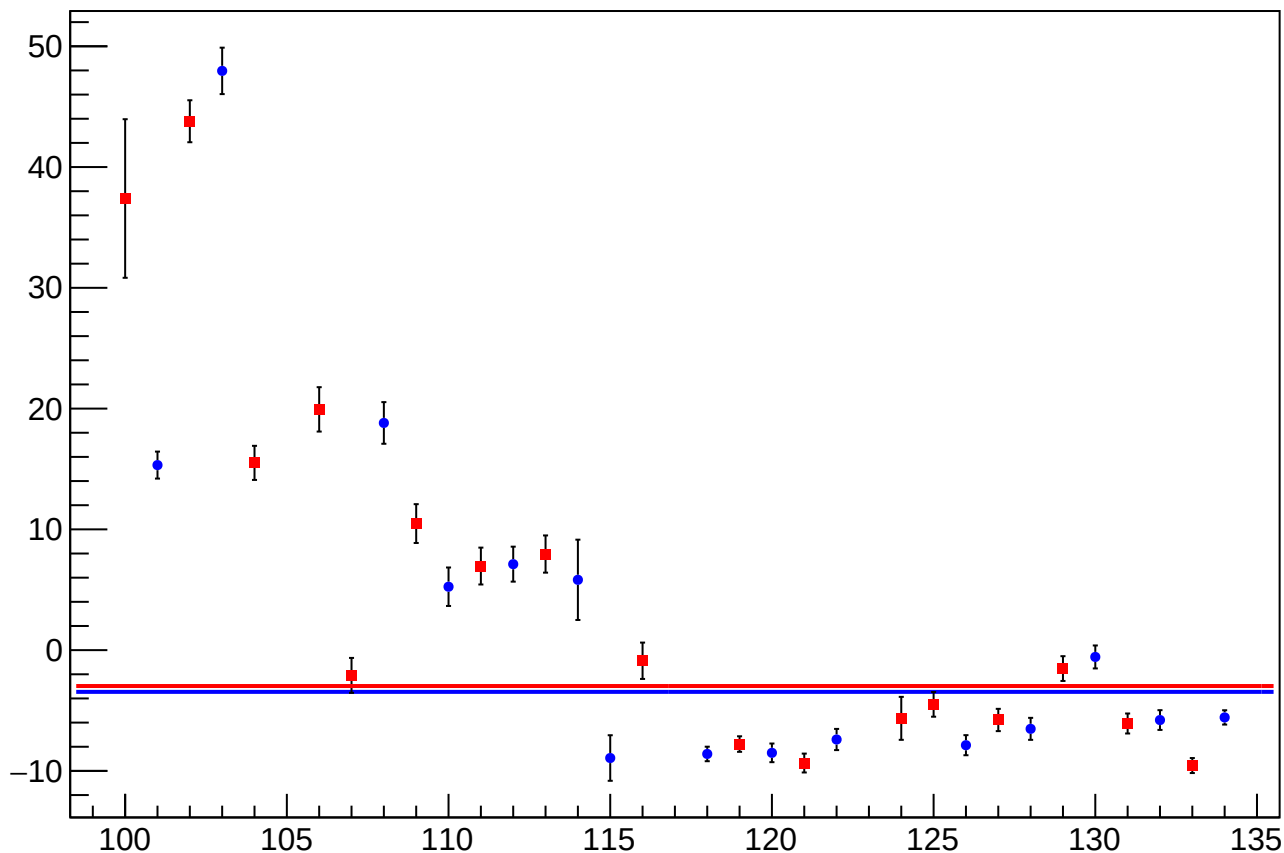
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.272 $\pm$ 0.181 χ^2 /NDF: 422.9/31

- 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: -2.972+/-0.260 χ^2/NDF : 1518.1/16

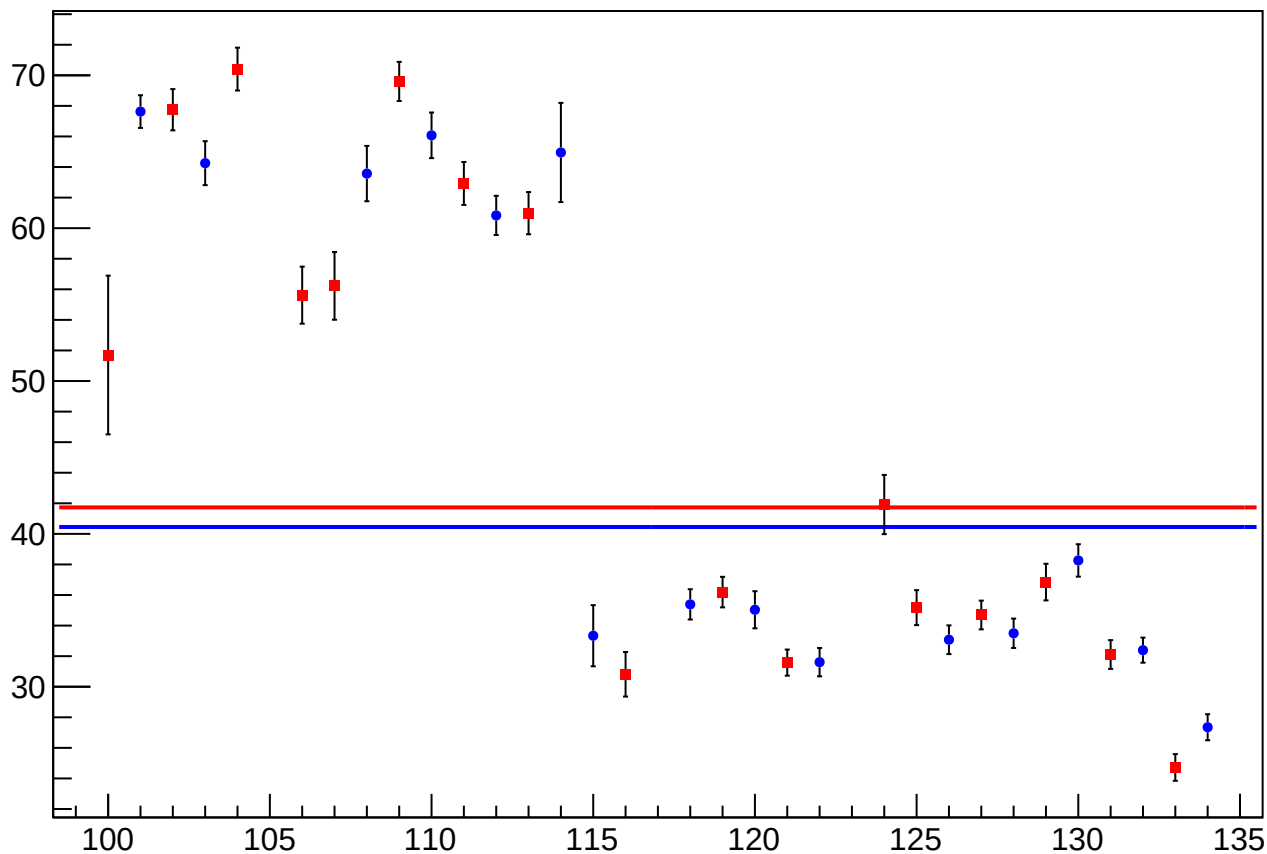
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.227+/-0.179 χ^2/NDF : 2989.8/31

- 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: 41.732 $\pm$ 0.297 χ^2 /NDF: 2605.7/16

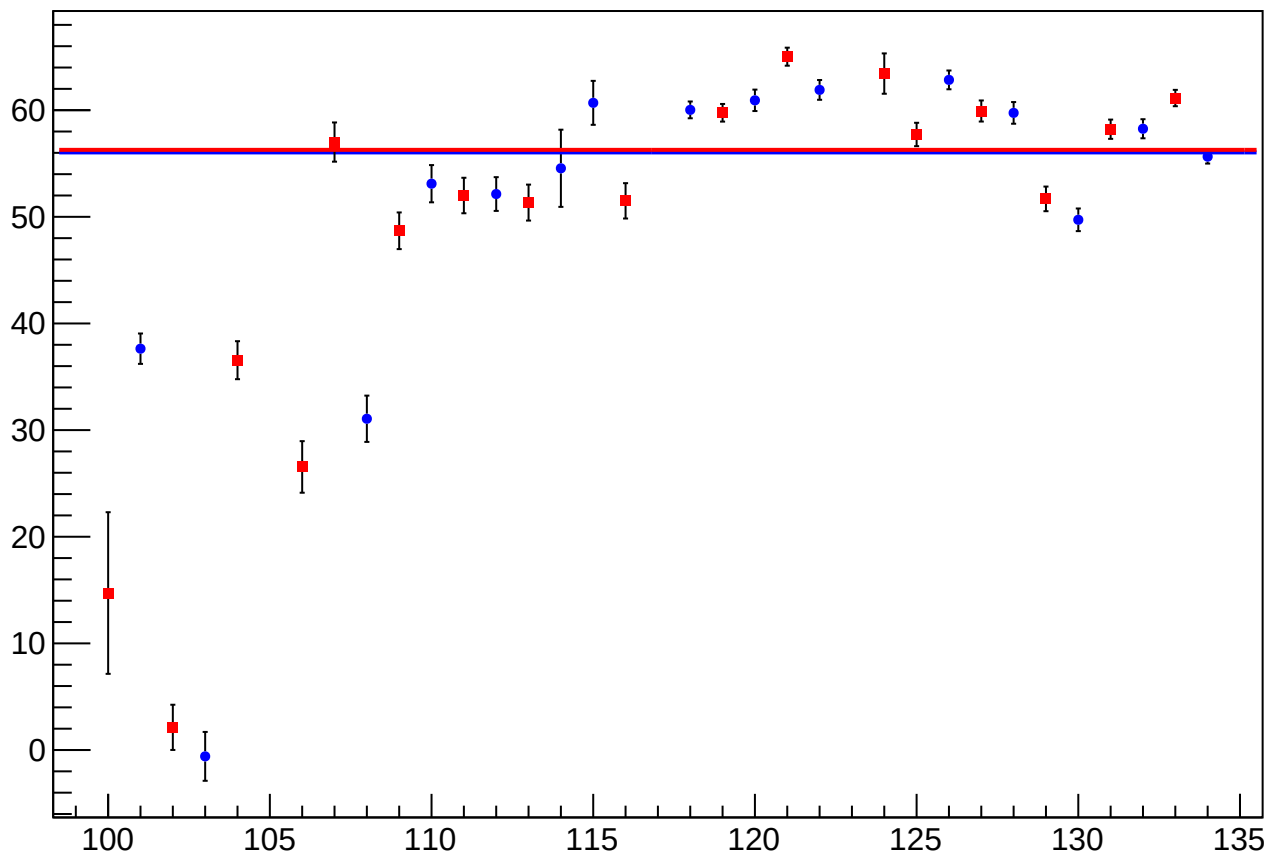
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 41.077 $\pm$ 0.207 χ^2 /NDF: 4904.8/31

- 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: 56.280 $\pm$ 0.300 χ^2 /NDF: 1214.6/16

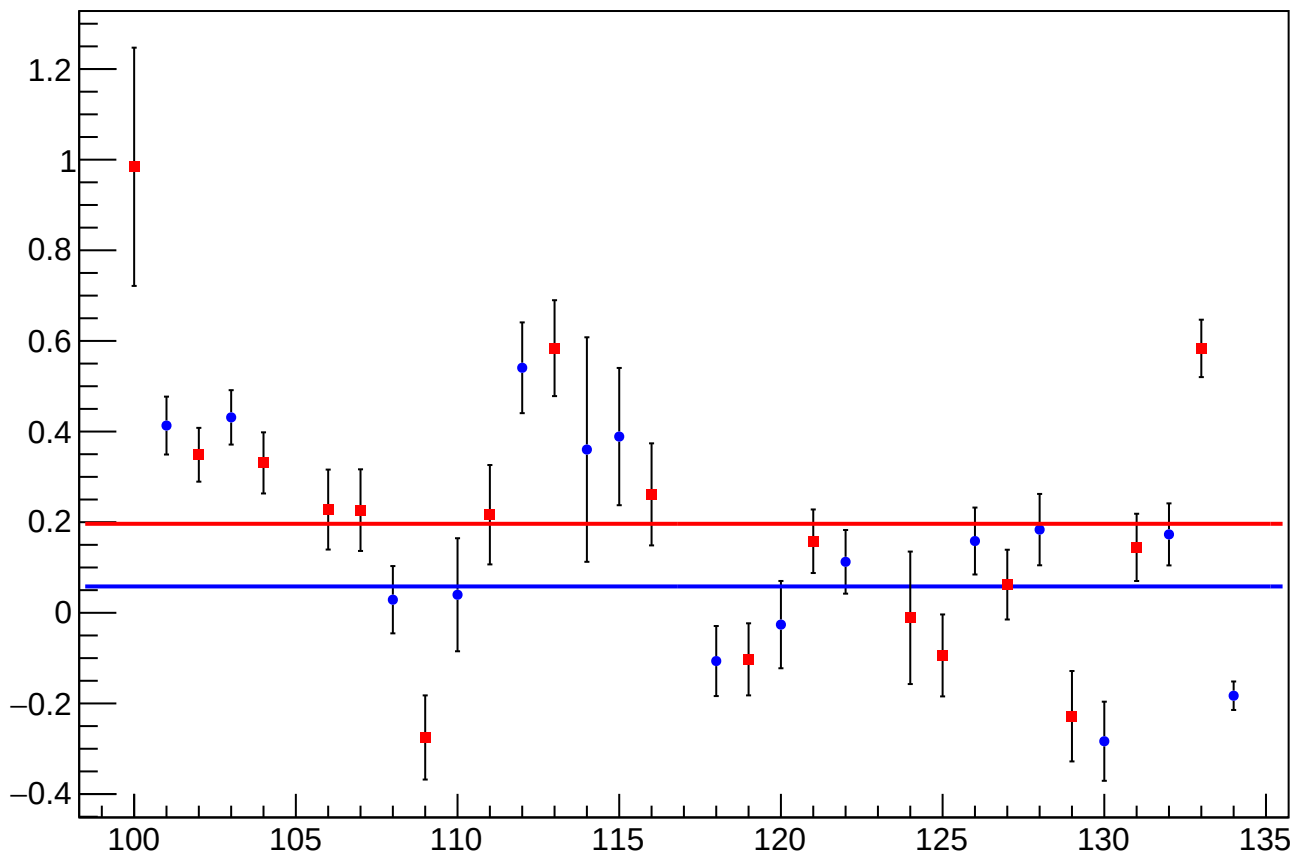
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 56.153 $\pm$ 0.206 χ^2 /NDF: 2343.5/31

- 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: 0.196 $\pm$ 0.021 χ^2 /NDF: 145.1/16

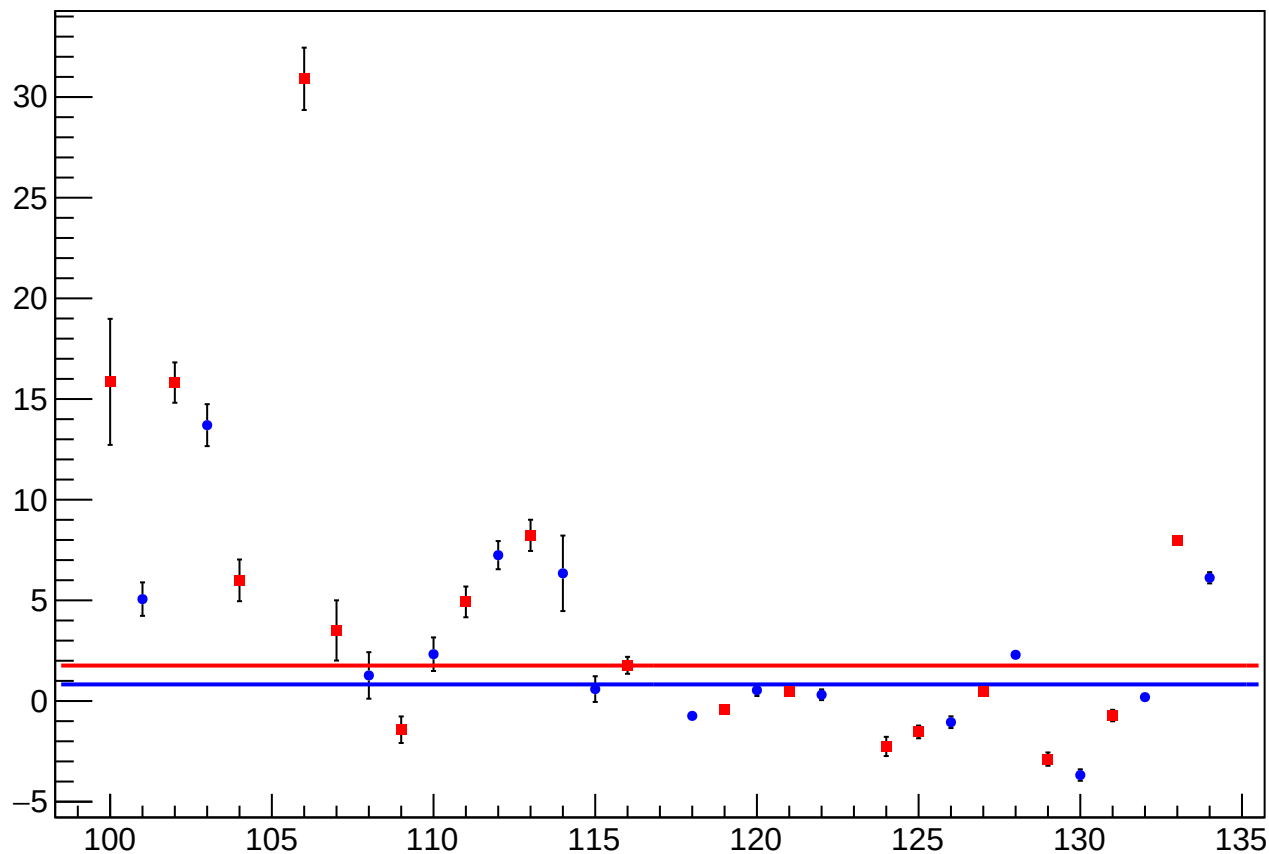
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.118 $\pm$ 0.014 χ^2 /NDF: 357.2/31

- 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: 1.762 ± 0.088 χ^2/NDF : 2340.3/16

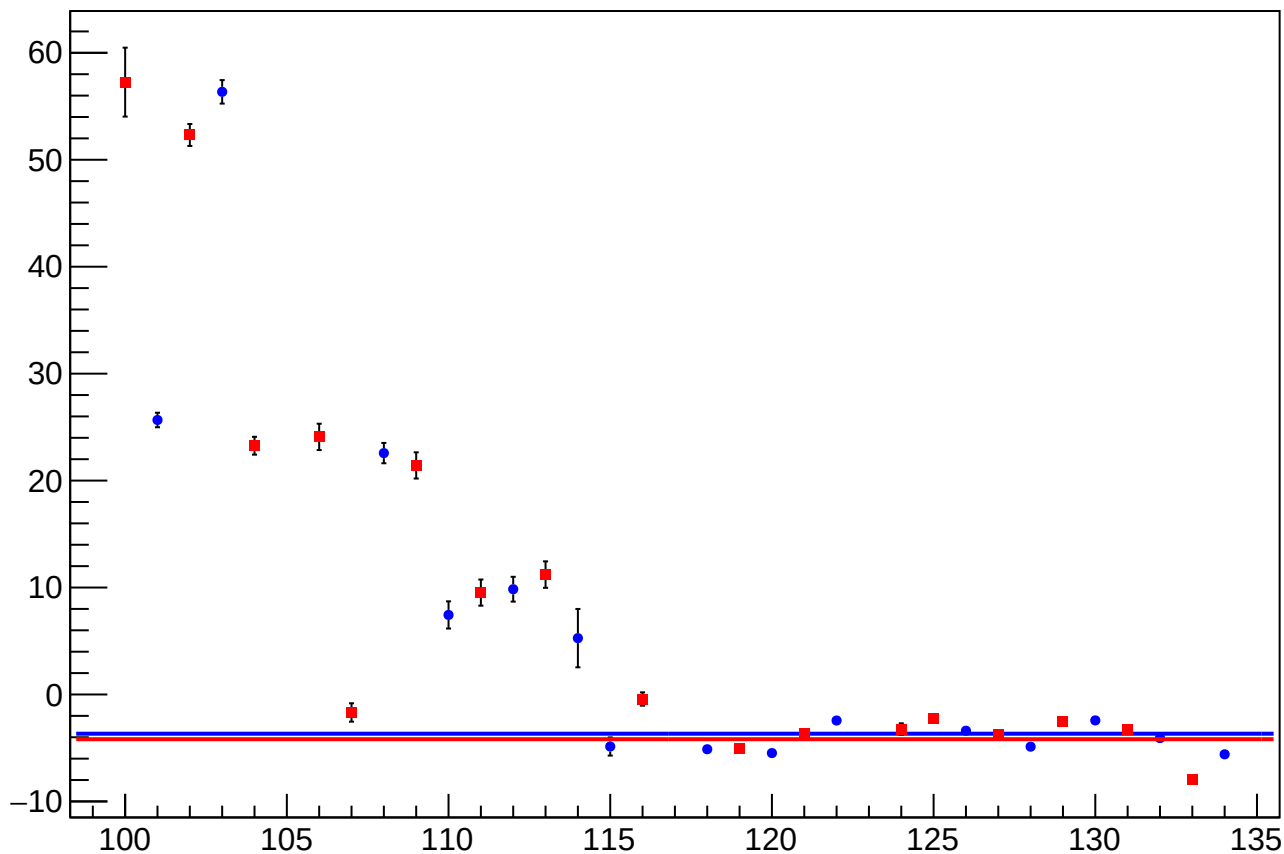
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.309 ± 0.063 χ^2/NDF : 3411.4/31

- 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: -4.183 ± 0.077 χ^2/NDF : 6583.9/16

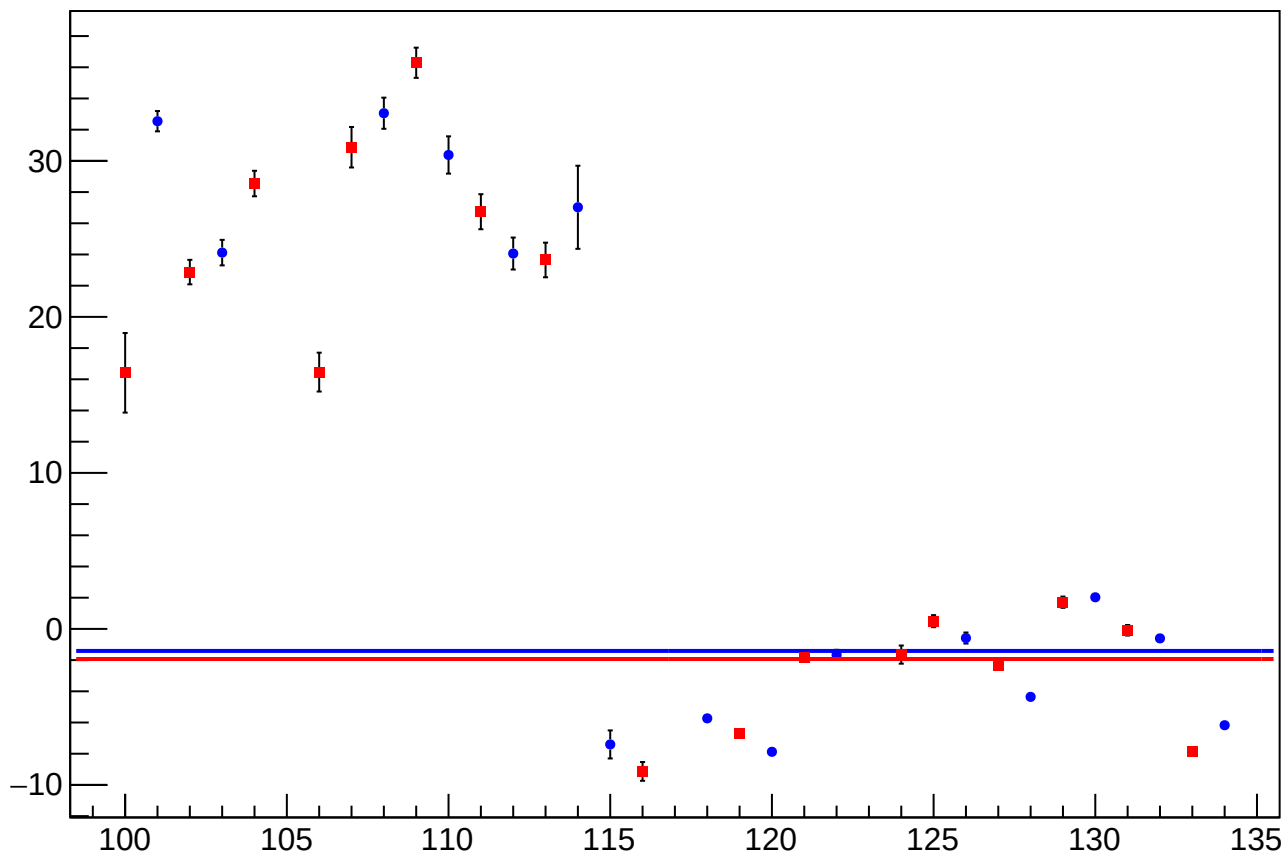
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.928 ± 0.055 χ^2/NDF : 12791.4/31

- 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 $\pm$ 0.100 χ^2 /NDF: 7717.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.929 $\pm$ 0.097 χ^2 /NDF: 7689.8/16

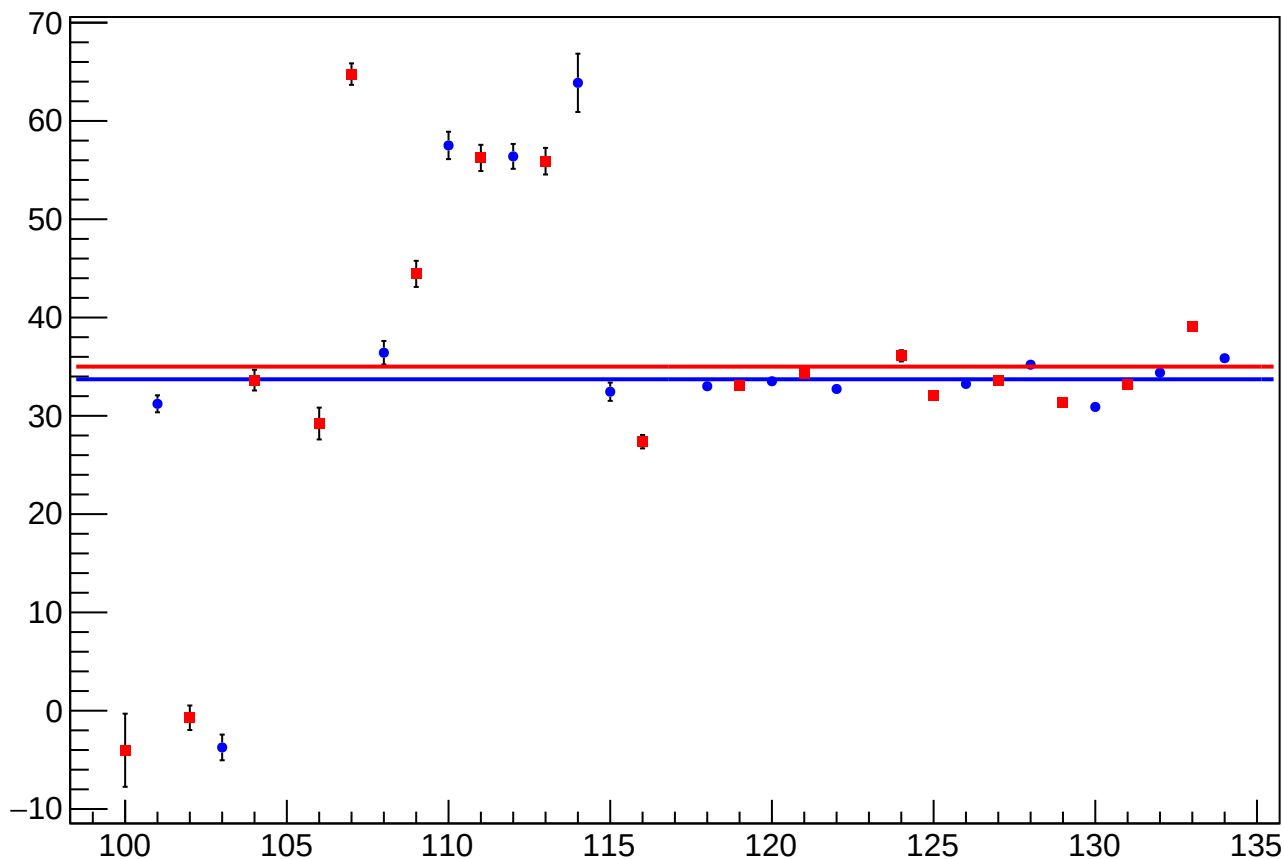
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.679 $\pm$ 0.069 χ^2 /NDF: 15421.5/31

- sign 0.000 $\pm$ 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: 35.006+/-0.091 χ^2/NDF : 3237.1/16

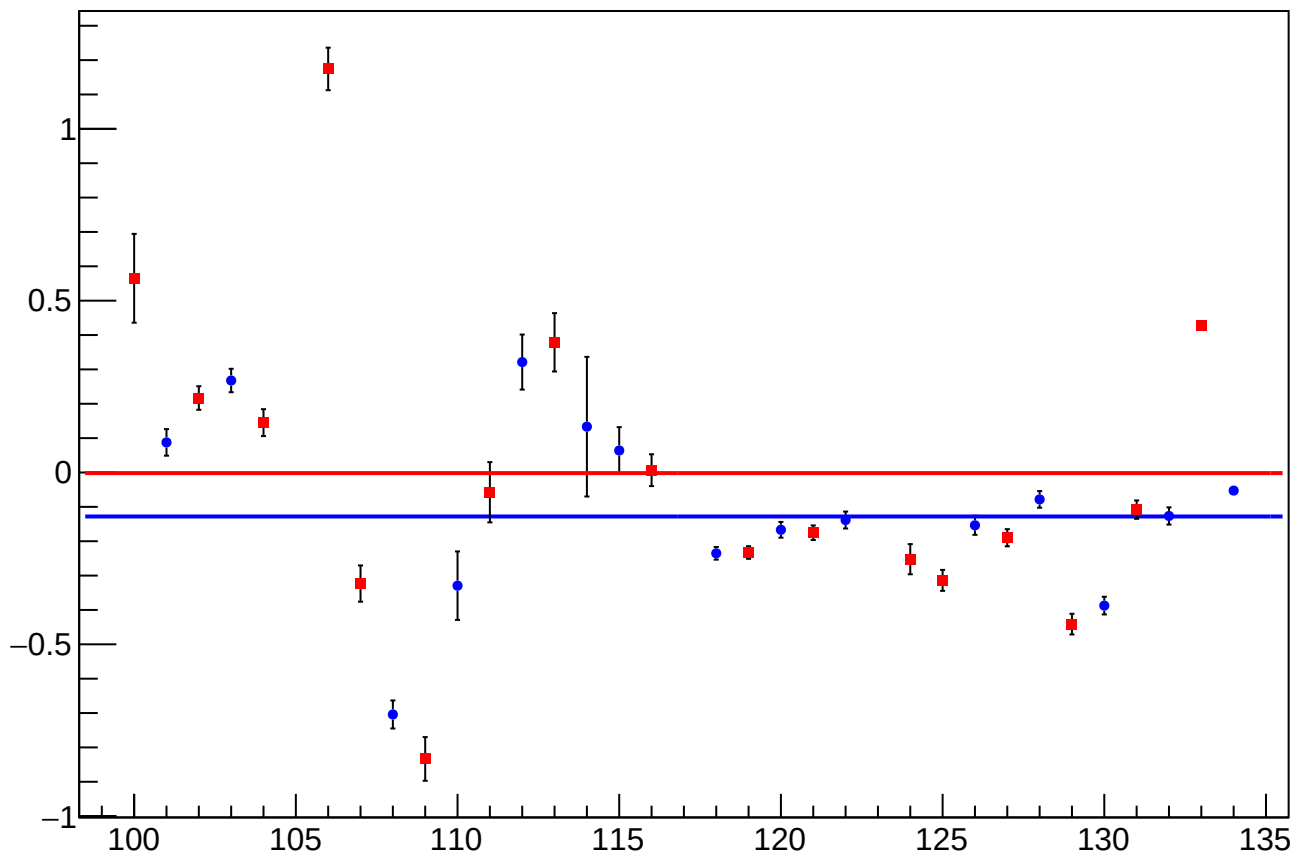
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.373+/-0.065 χ^2/NDF : 5106.5/31

- 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: -0.002+/-0.007 χ^2/NDF : 2229.5/16

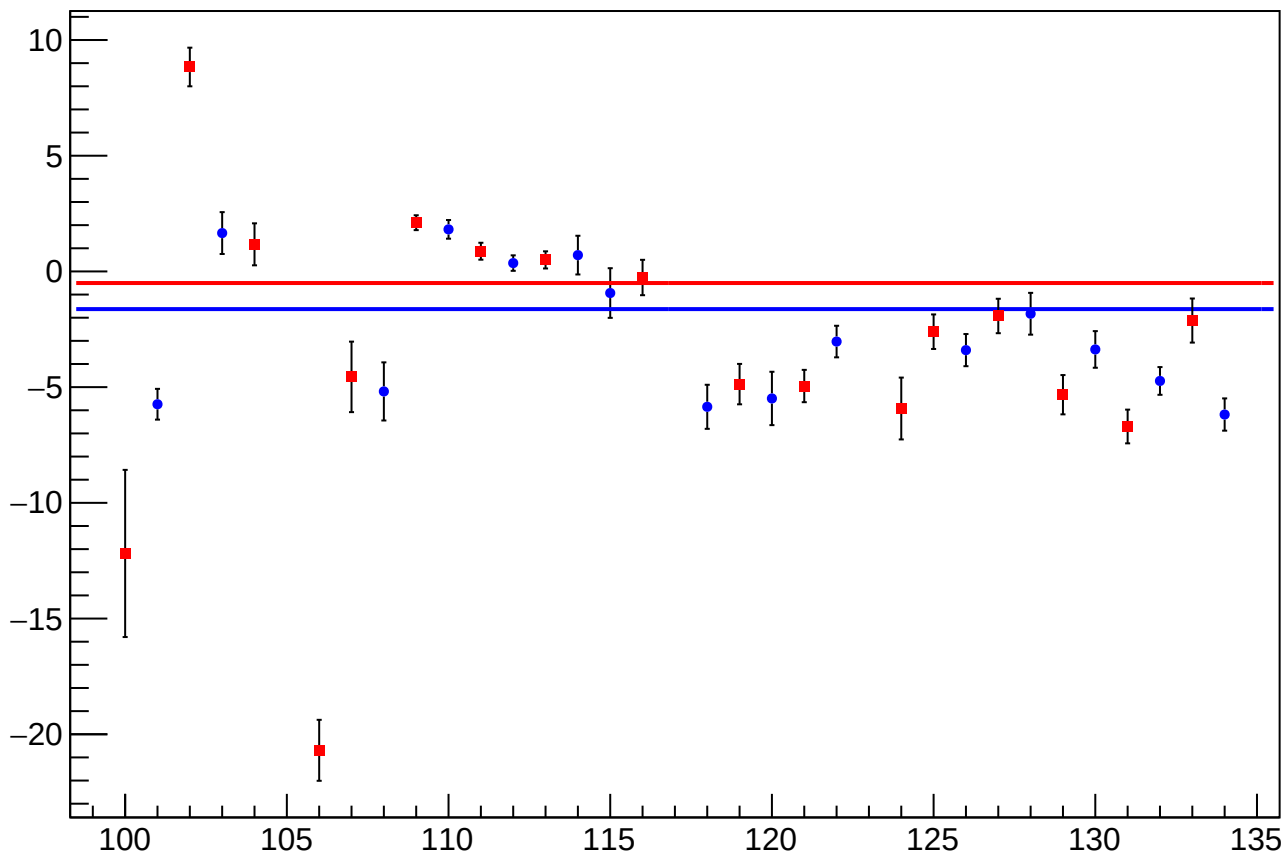
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.069+/-0.005 χ^2/NDF : 2984.4/31

- 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: -0.501 ± 0.155 χ^2/NDF : 669.6/16

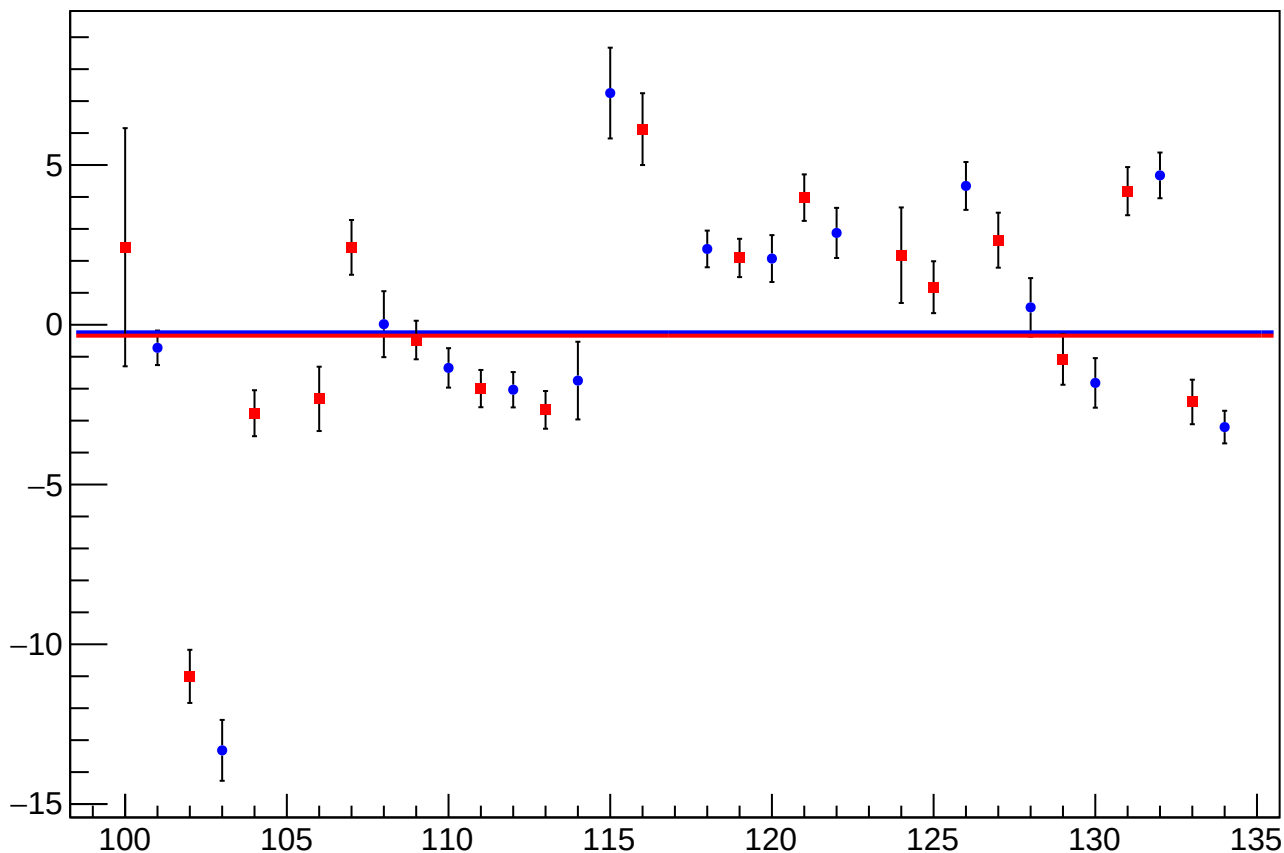
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.016 ± 0.114 χ^2/NDF : 985.7/31

- 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: -0.341+/-0.187 χ^2 /NDF: 363.3/16

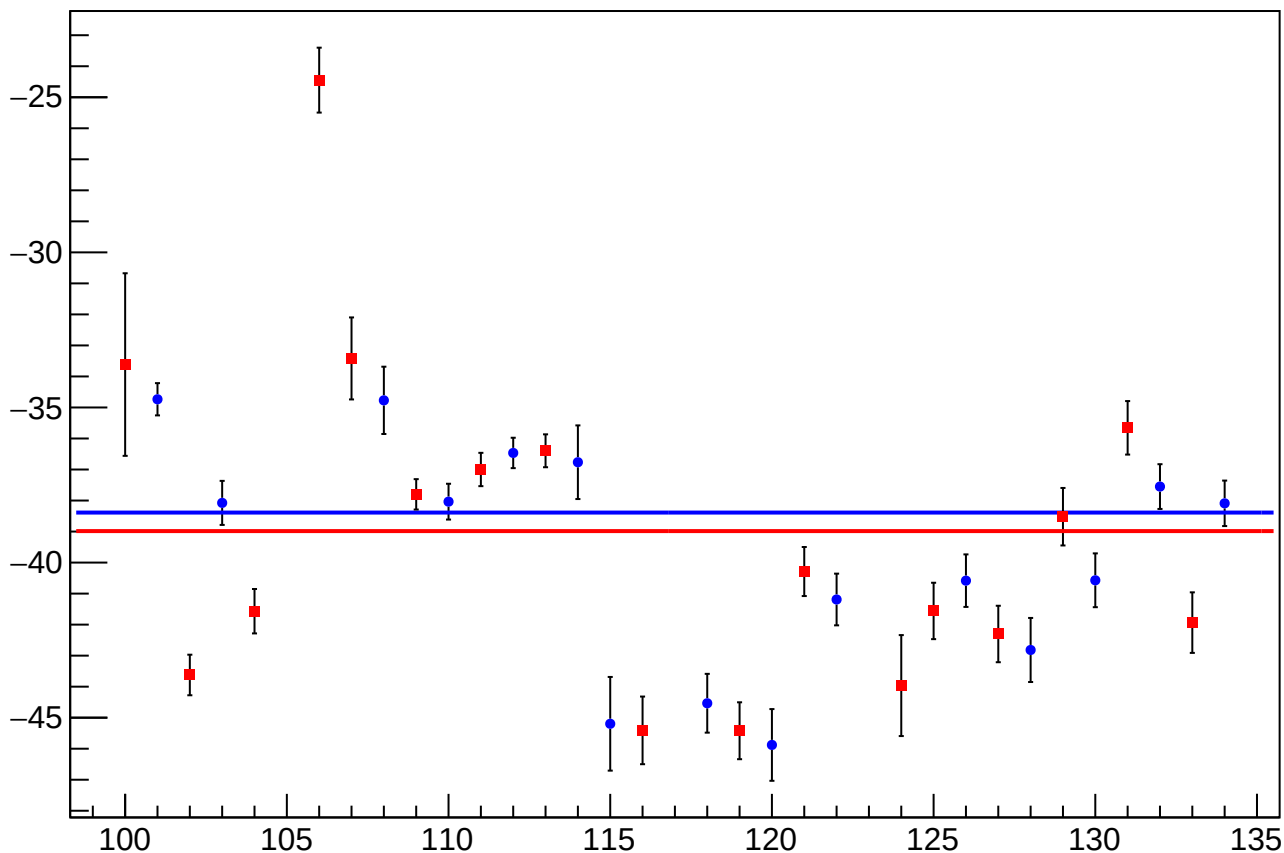
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.288+/-0.131 χ^2 /NDF: 765.6/31

- 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 $\pm$ 0.198 χ^2 /NDF: 226.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -38.985 $\pm$ 0.192 χ^2 /NDF: 462.4/16

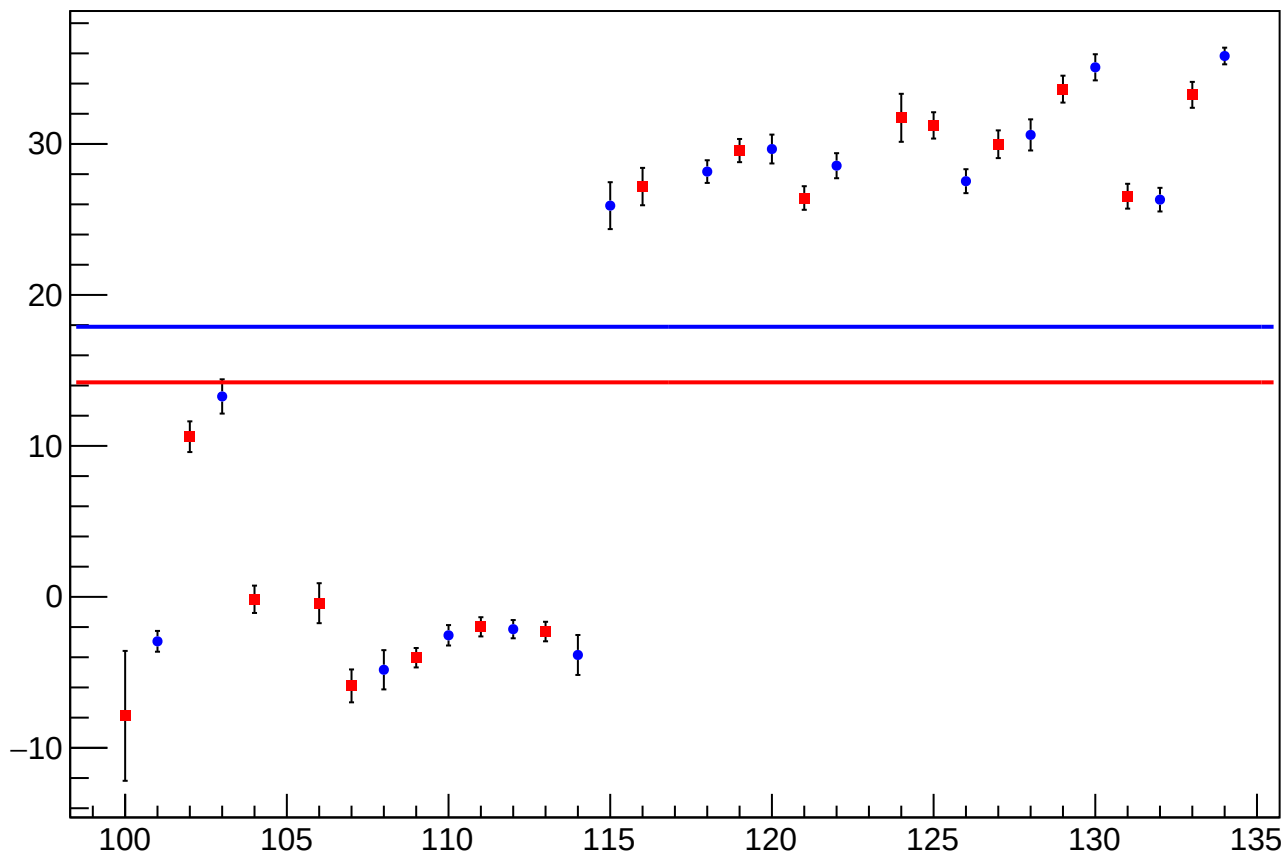
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -38.695 $\pm$ 0.138 χ^2 /NDF: 694.0/31

- sign 0.000 $\pm$ 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: 14.209+/-0.214 χ^2/NDF : 5598.2/16

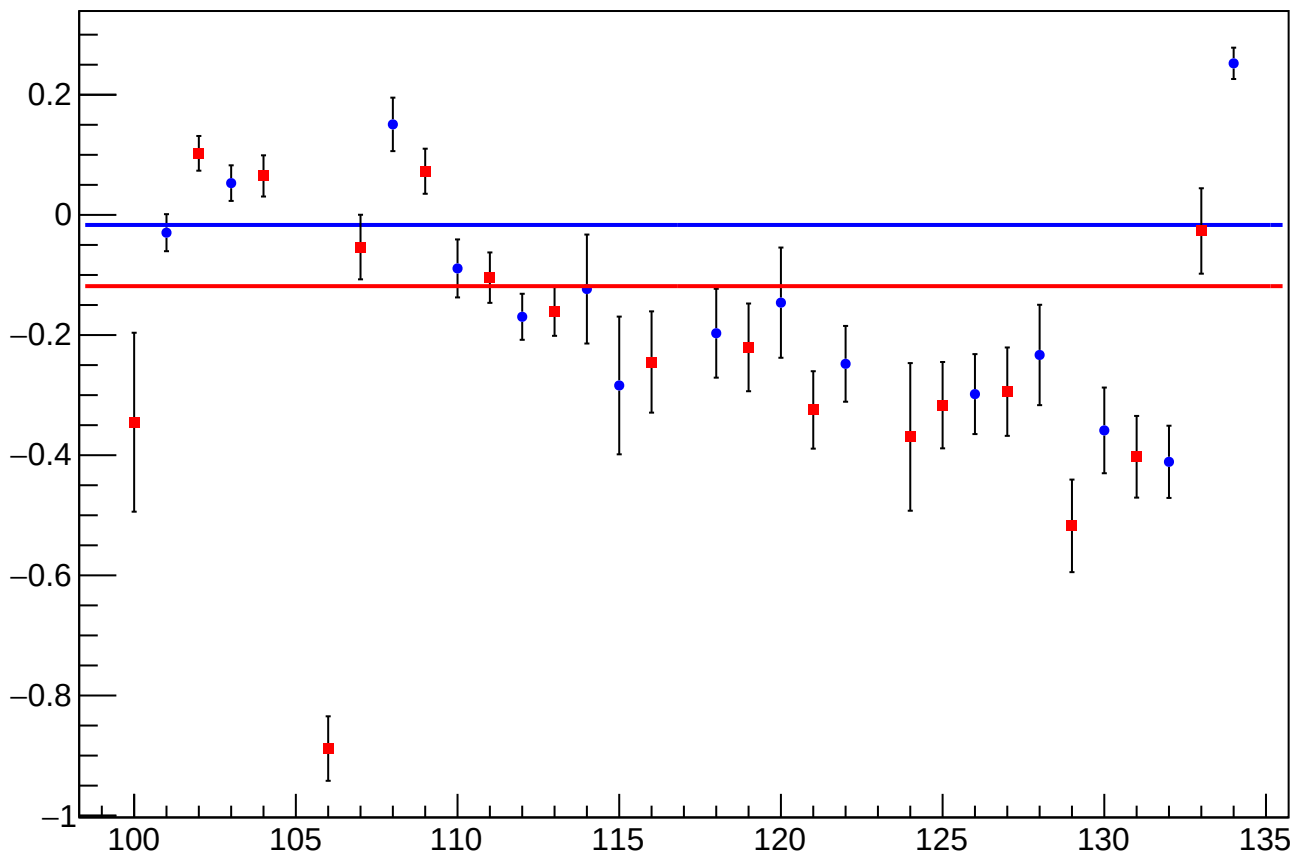
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.074+/-0.150 χ^2/NDF : 11662.9/31

- 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+/-0.012 χ^2 /NDF: 263.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.119+/-0.013 χ^2 /NDF: 401.6/16

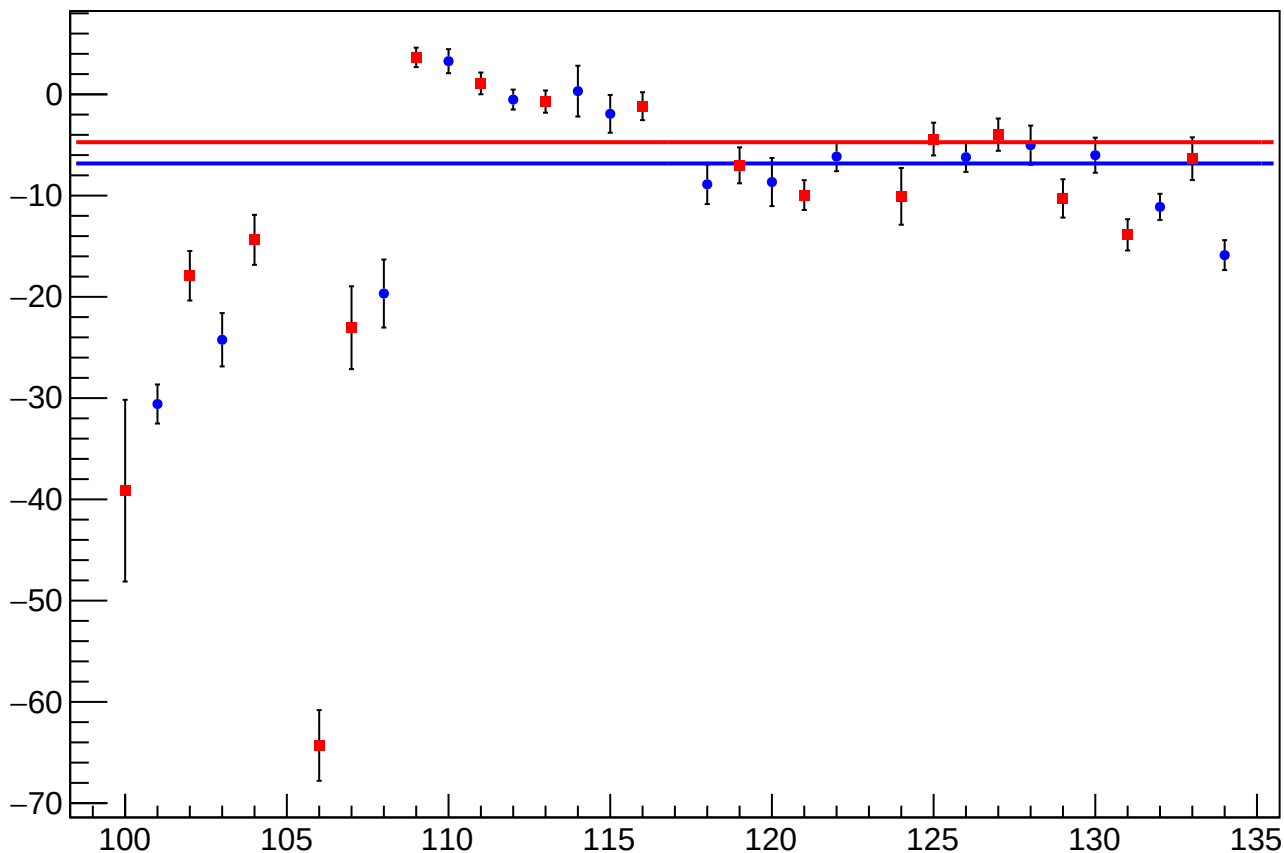
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.065+/-0.009 χ^2 /NDF: 698.9/31

- sign 0.000+/-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: -4.725 ± 0.395 χ^2/NDF : 558.0/16

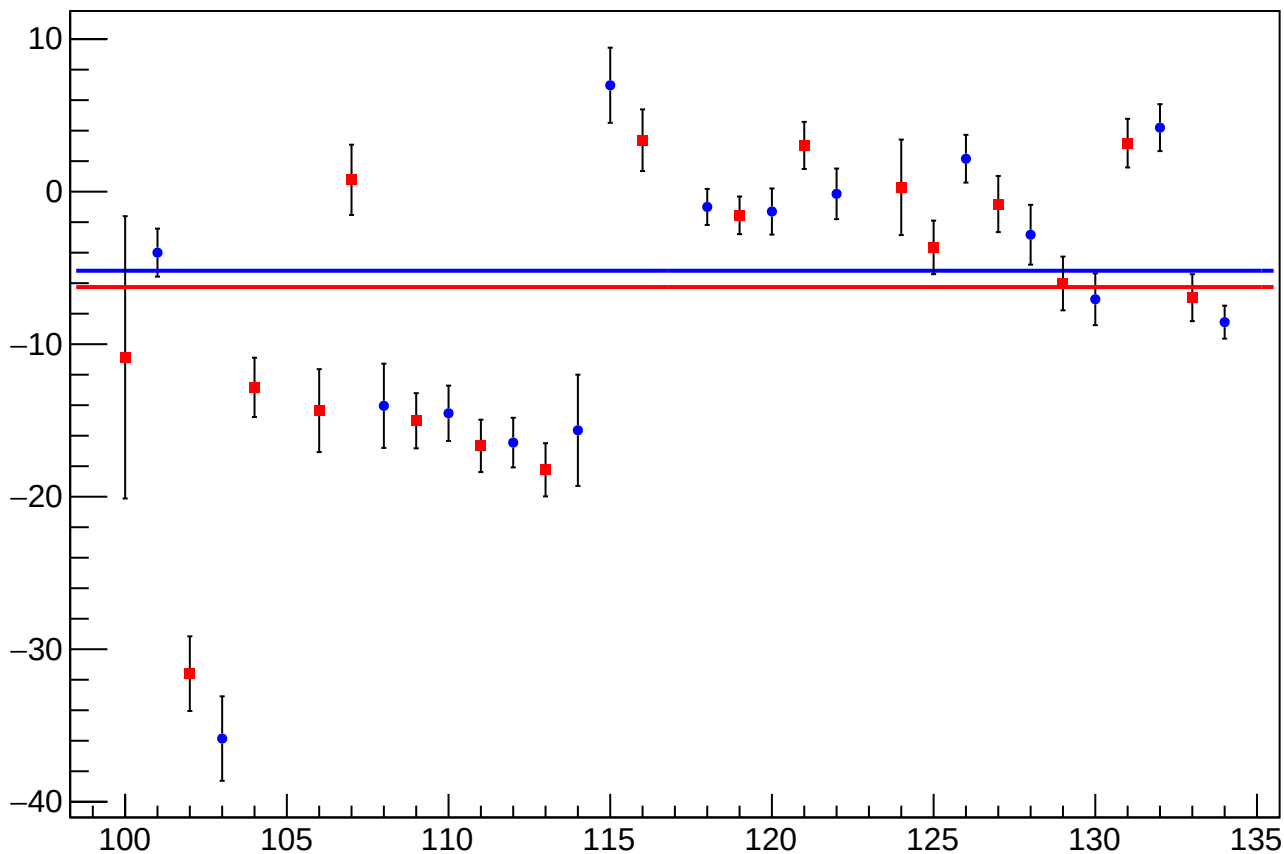
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.718 ± 0.287 χ^2/NDF : 961.4/31

- 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: -6.255+/-0.451 χ^2/NDF : 368.7/16

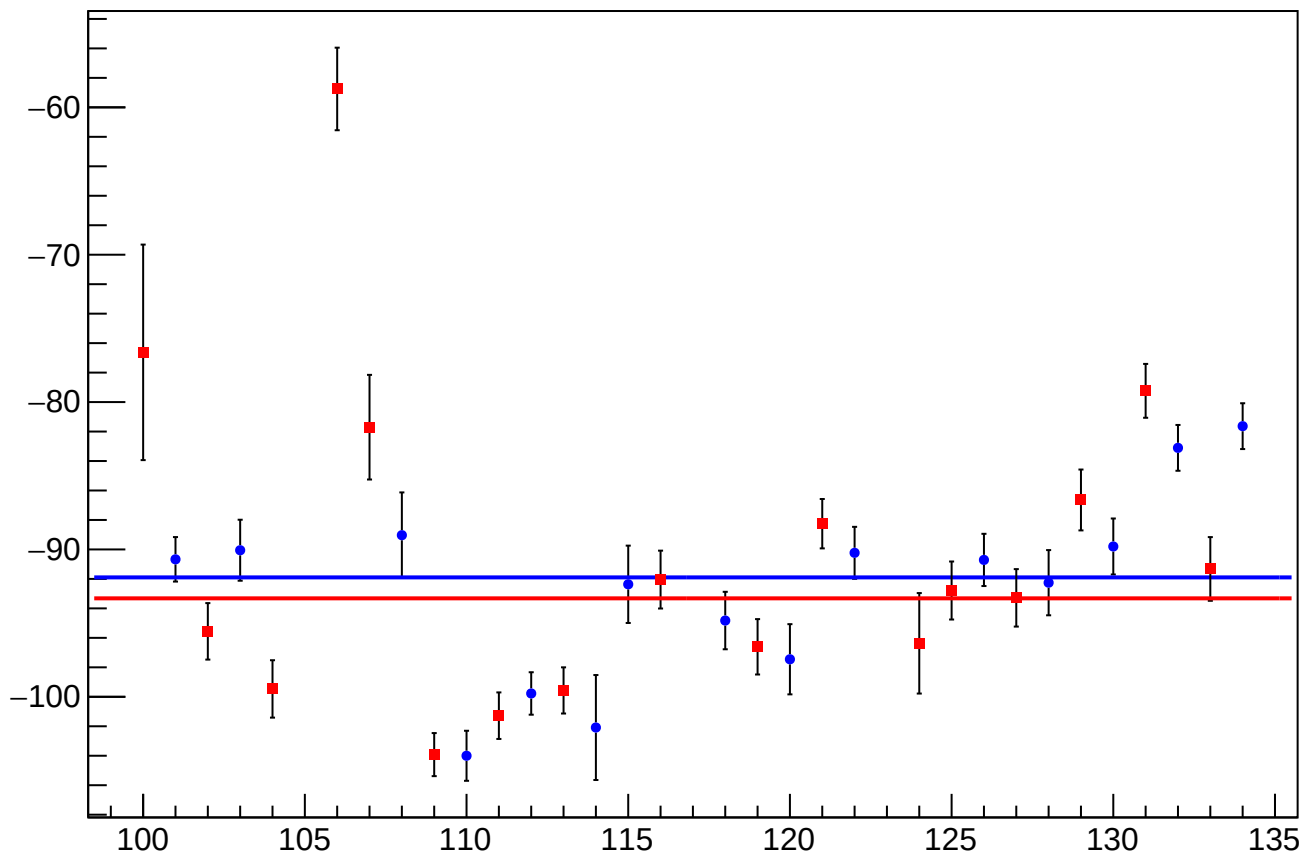
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.695+/-0.311 χ^2/NDF : 712.3/31

- 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: -93.319 $\pm$ 0.483 χ^2 /NDF: 357.6/16

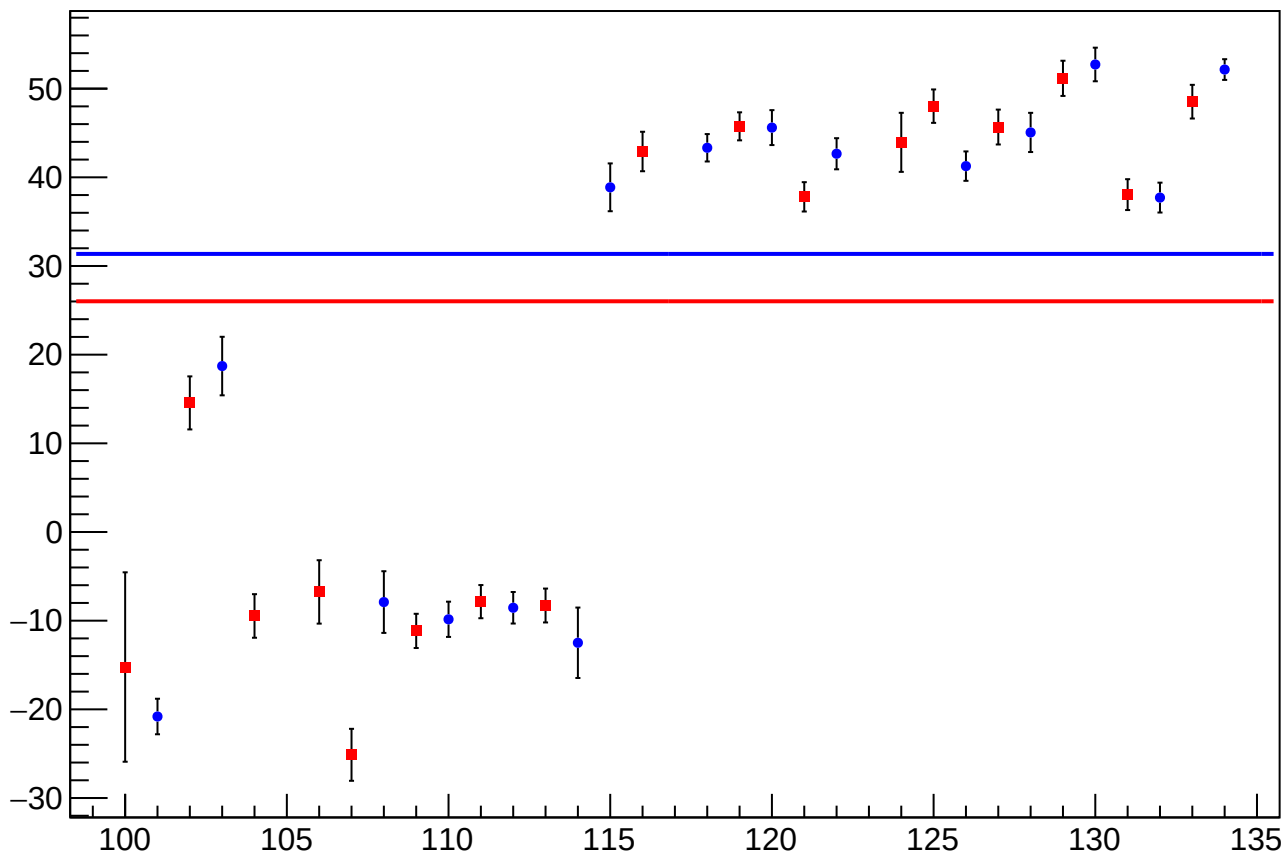
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -92.613 $\pm$ 0.343 χ^2 /NDF: 539.2/31

- 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 $\pm$ 0.492 χ^2 /NDF: 2568.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 26.020 $\pm$ 0.515 χ^2 /NDF: 2526.5/16

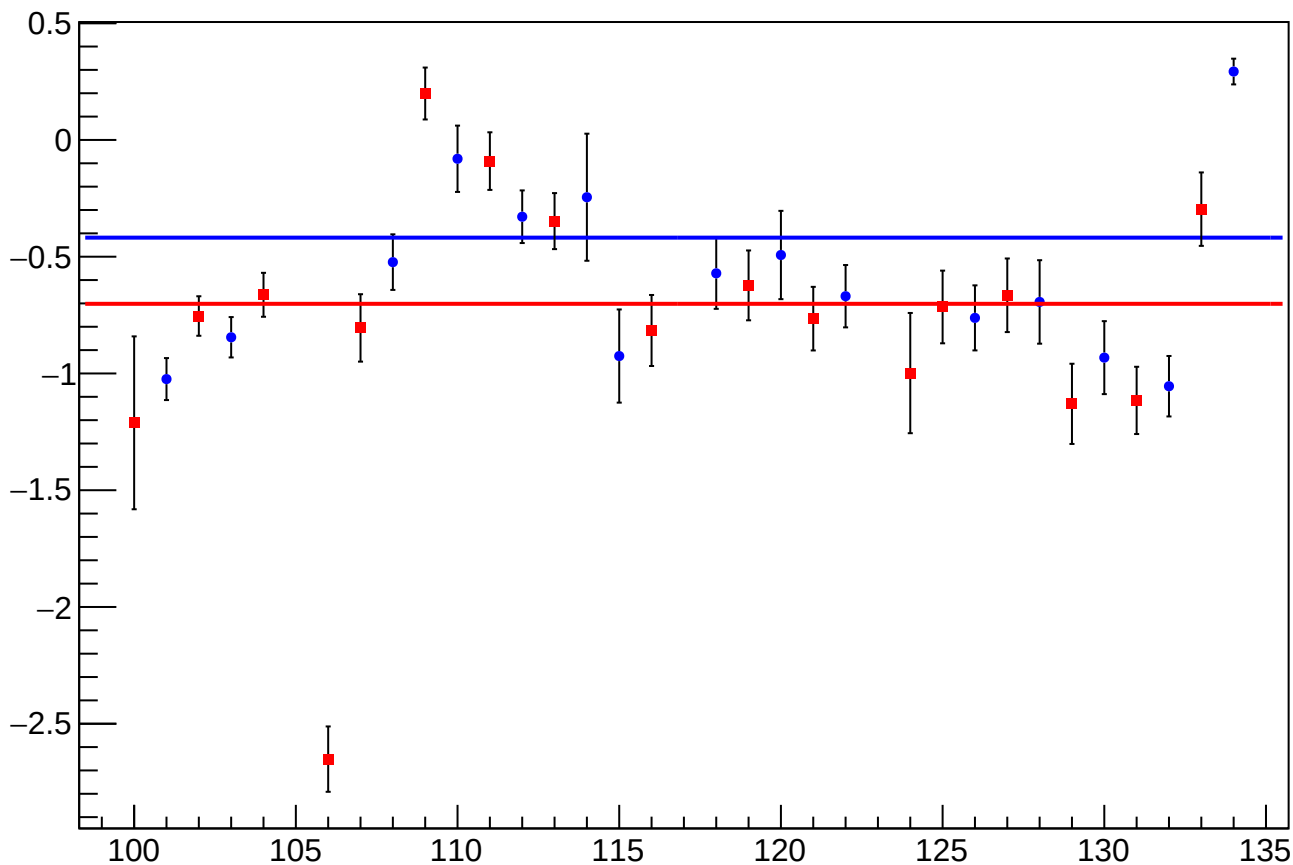
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.812 $\pm$ 0.356 χ^2 /NDF: 5150.9/31

- sign 0.000 $\pm$ 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: -0.702 ± 0.033 χ^2/NDF : 319.5/16

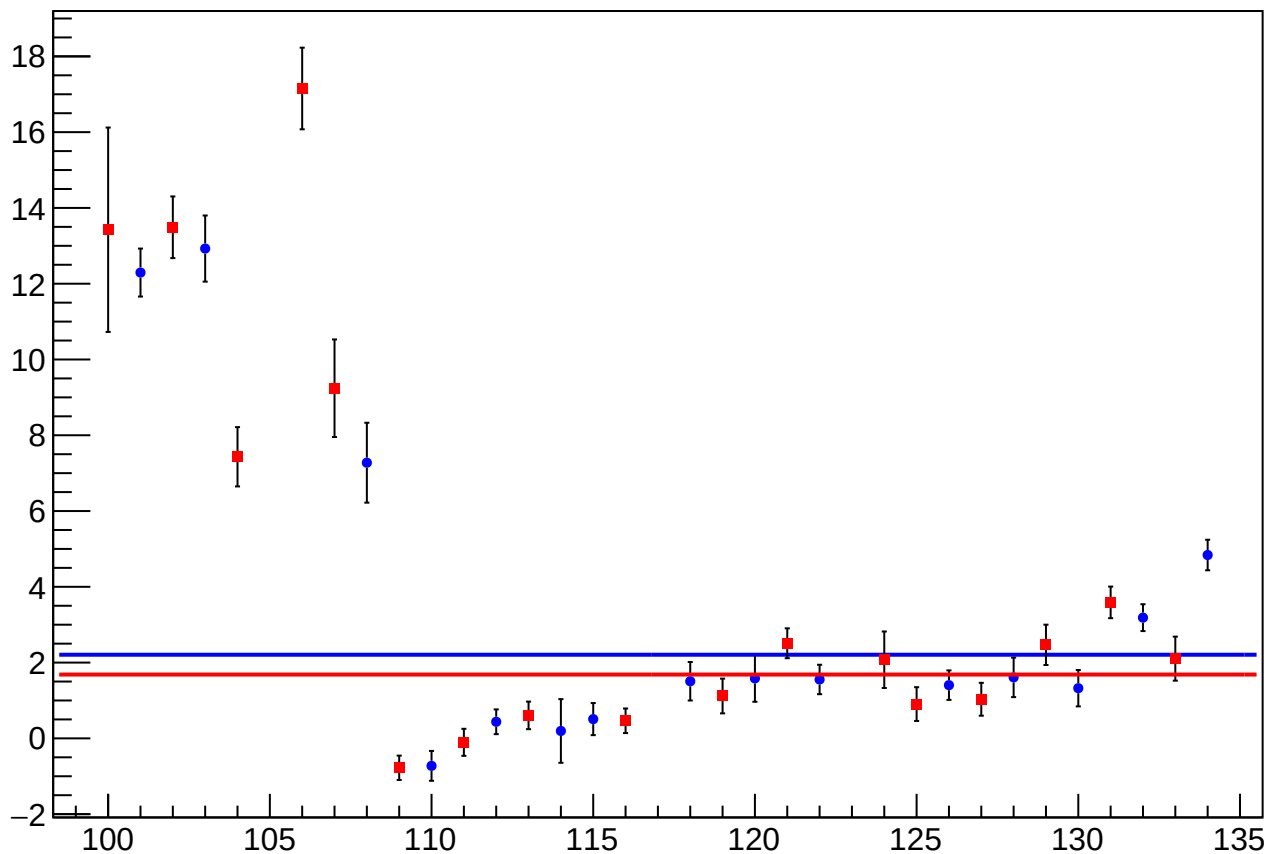
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.546 ± 0.022 χ^2/NDF : 659.1/31

- 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: 1.684 $\pm$ 0.116 χ^2 /NDF: 665.8/16

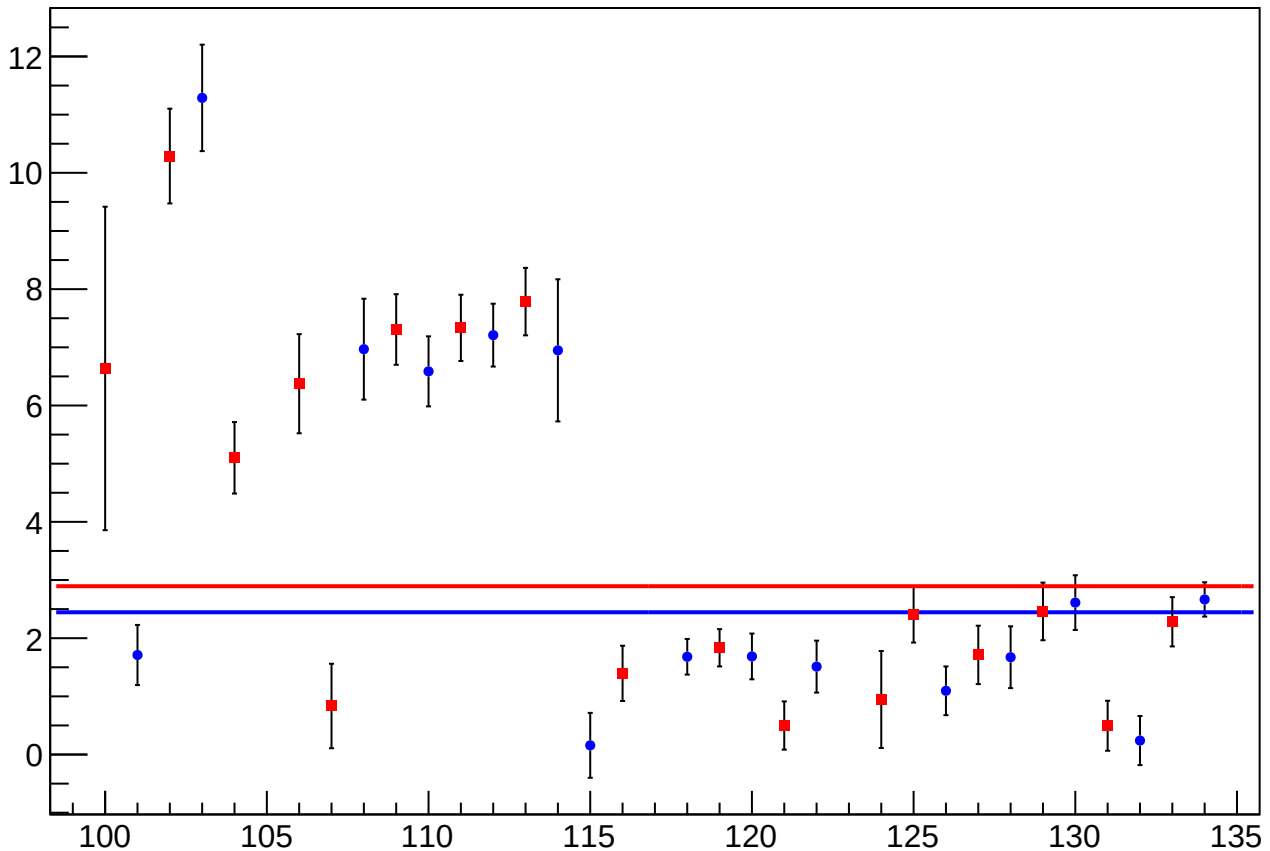
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.936 $\pm$ 0.083 χ^2 /NDF: 1274.8/31

- 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: 2.893 $\pm$ 0.128 χ^2 /NDF: 406.9/16

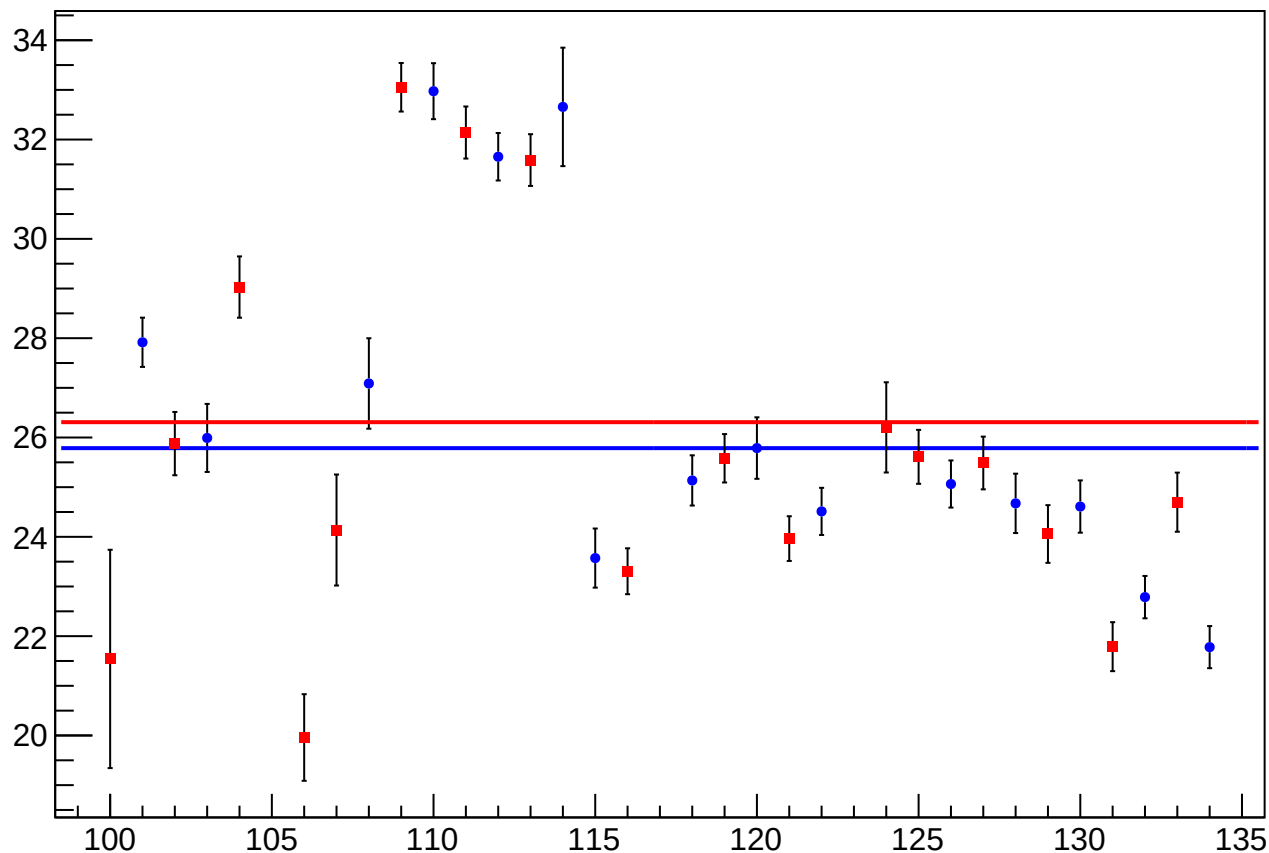
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.655 $\pm$ 0.088 χ^2 /NDF: 746.3/31

- 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: 26.309 $\pm$ 0.140 χ^2 /NDF: 680.0/16

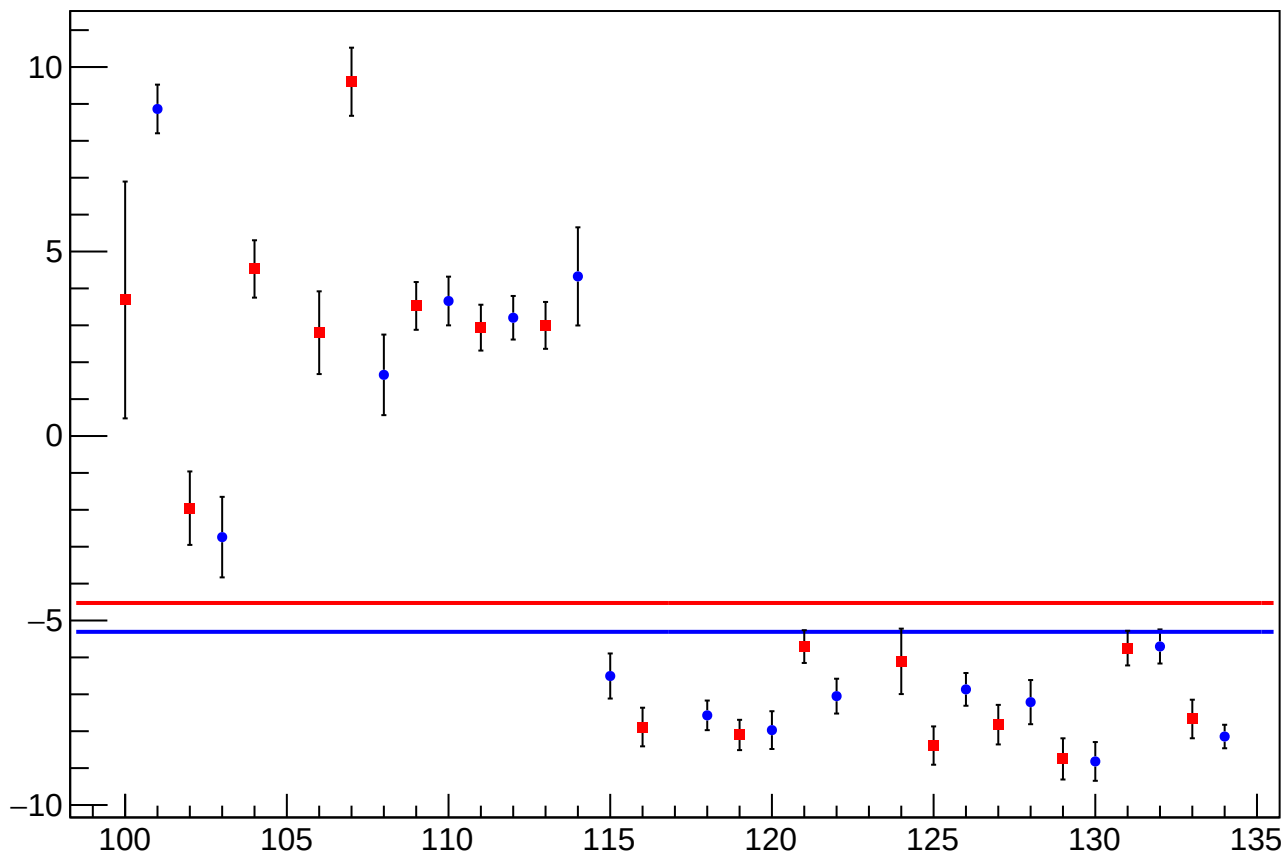
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26.046 $\pm$ 0.099 χ^2 /NDF: 1226.2/31

- 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: -4.525 $\pm$ 0.146 χ^2 /NDF: 1185.7/16

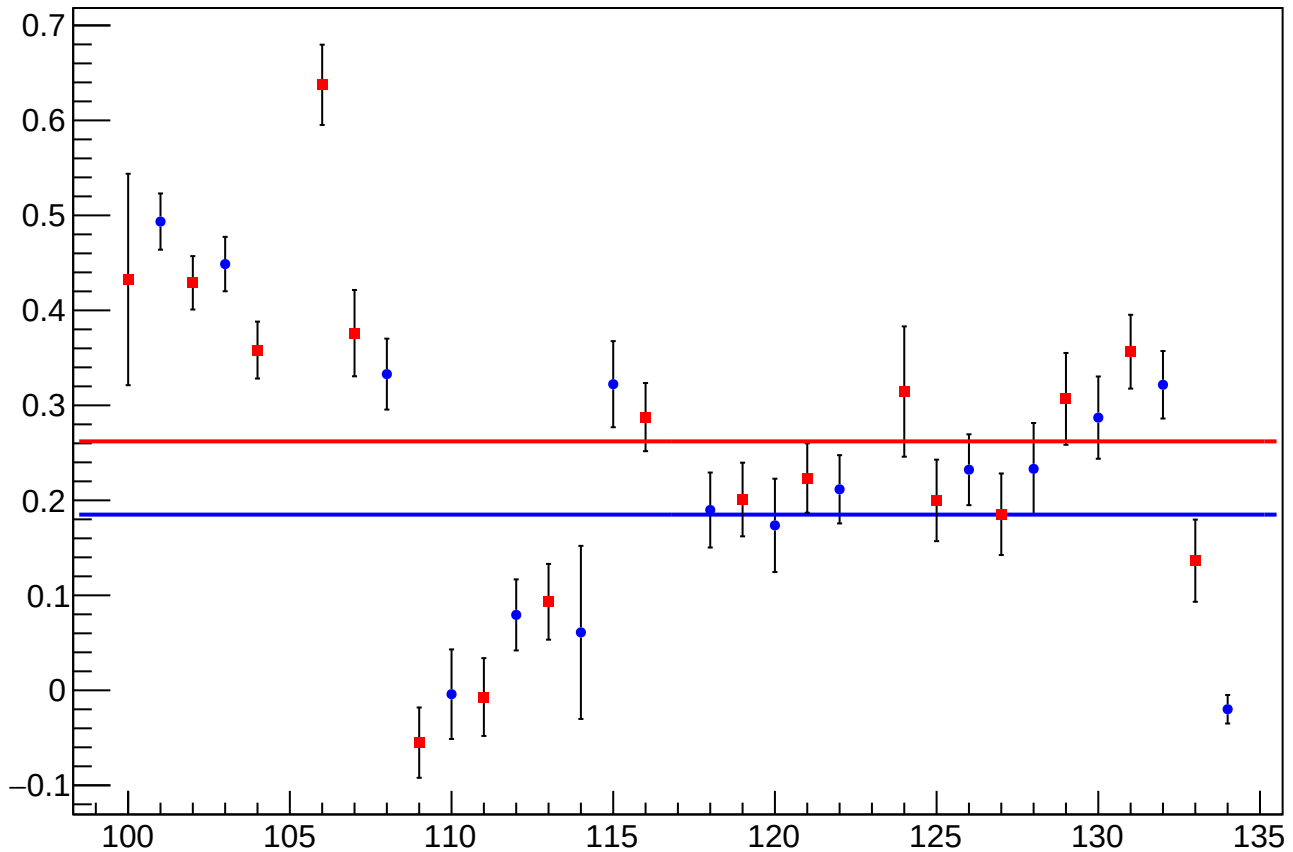
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4.940 $\pm$ 0.100 χ^2 /NDF: 2377.4/31

- 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 $\pm$ 0.009 χ^2 /NDF: 453.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.262 $\pm$ 0.010 χ^2 /NDF: 292.8/16

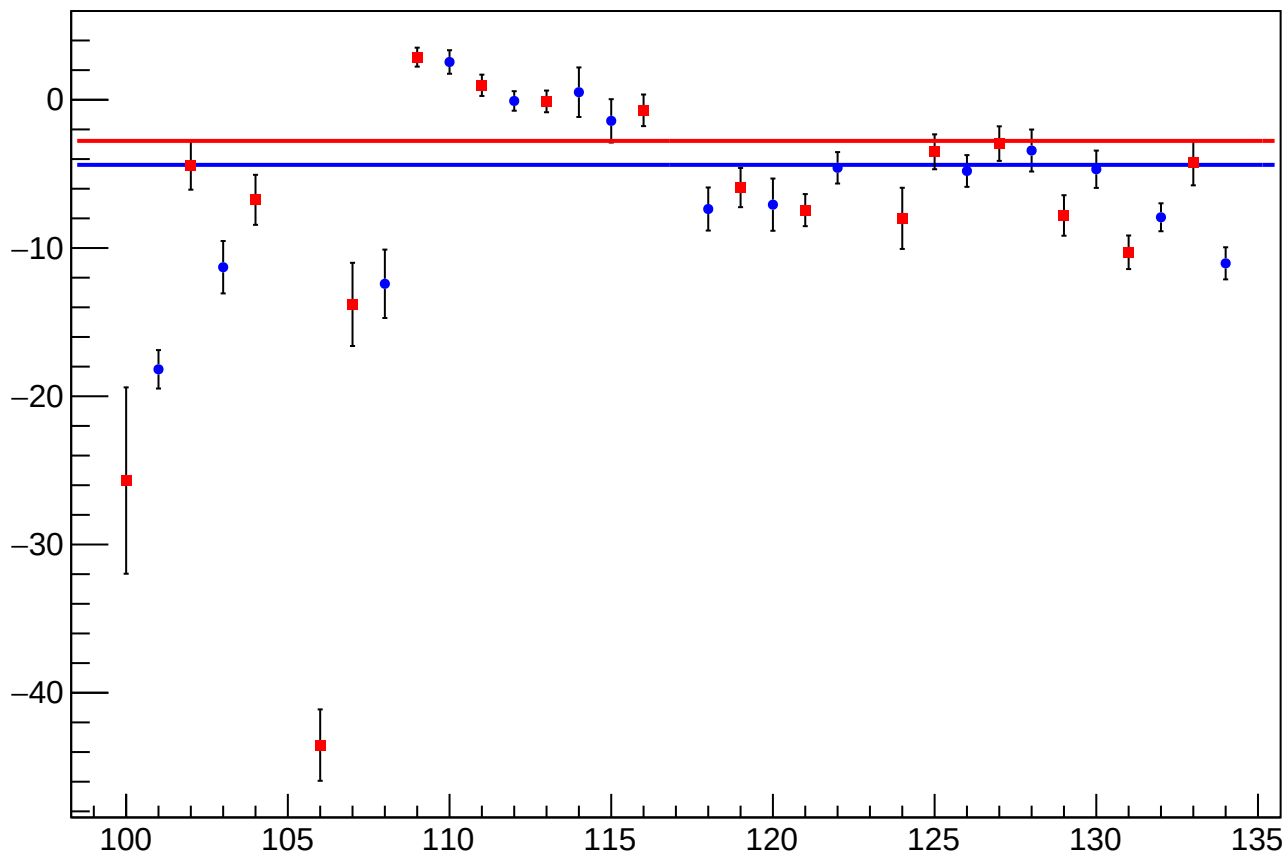
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.219 $\pm$ 0.006 χ^2 /NDF: 781.9/31

- sign 0.000 $\pm$ 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: -2.773 ± 0.277 χ^2/NDF : 533.6/16

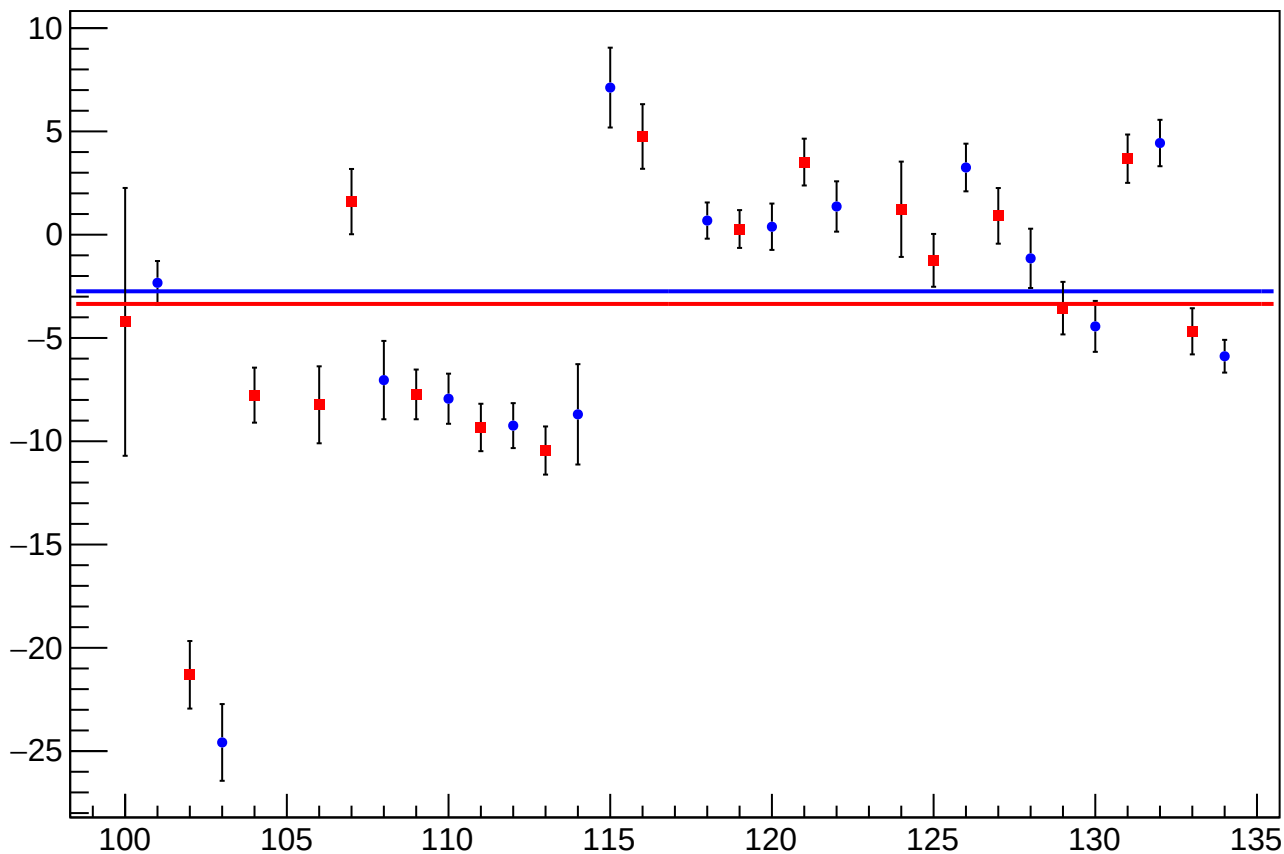
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.531 ± 0.202 χ^2/NDF : 880.9/31

- 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 ± 0.309 χ^2/NDF : 350.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.352 ± 0.321 χ^2/NDF : 359.2/16

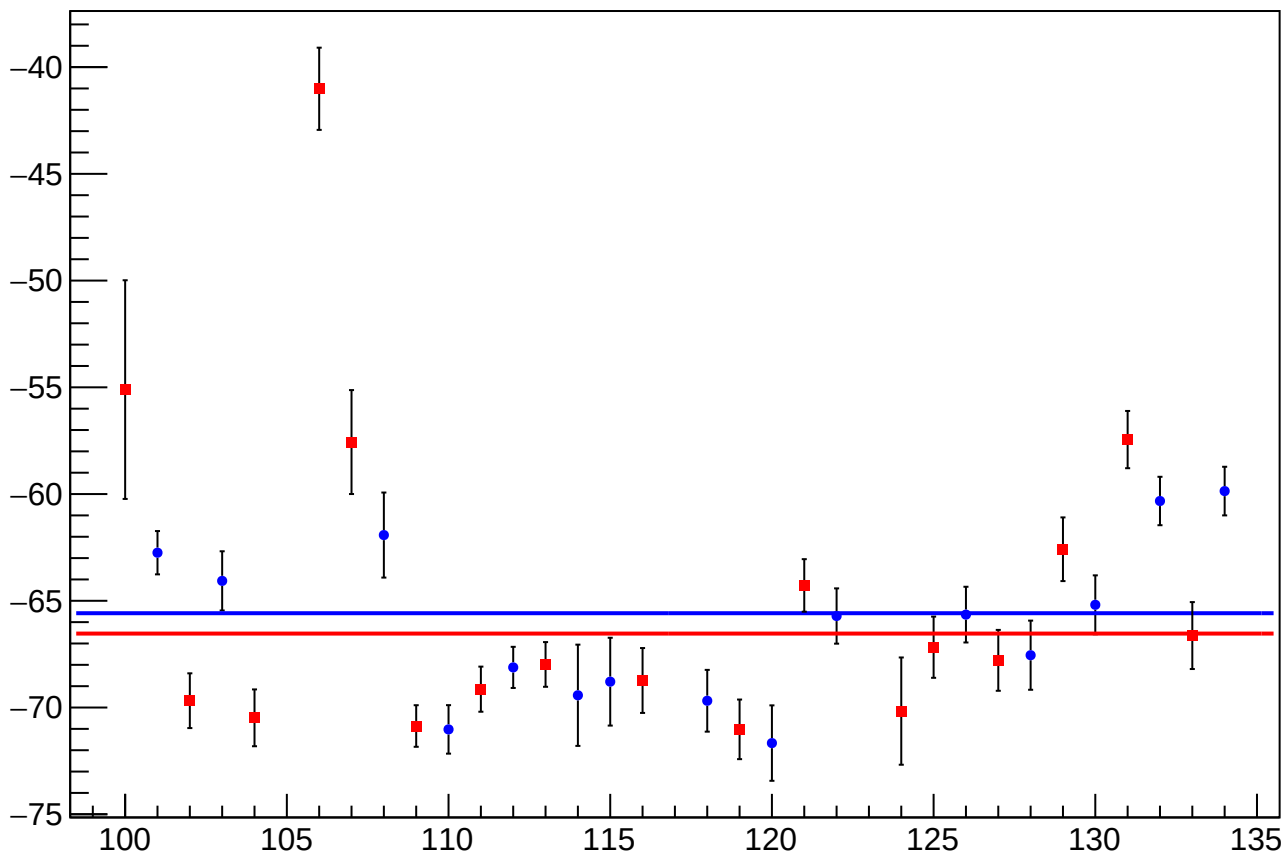
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.035 ± 0.223 χ^2/NDF : 711.8/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -65.582 ± 0.344 χ^2/NDF : 115.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -66.536 ± 0.340 χ^2/NDF : 308.5/16

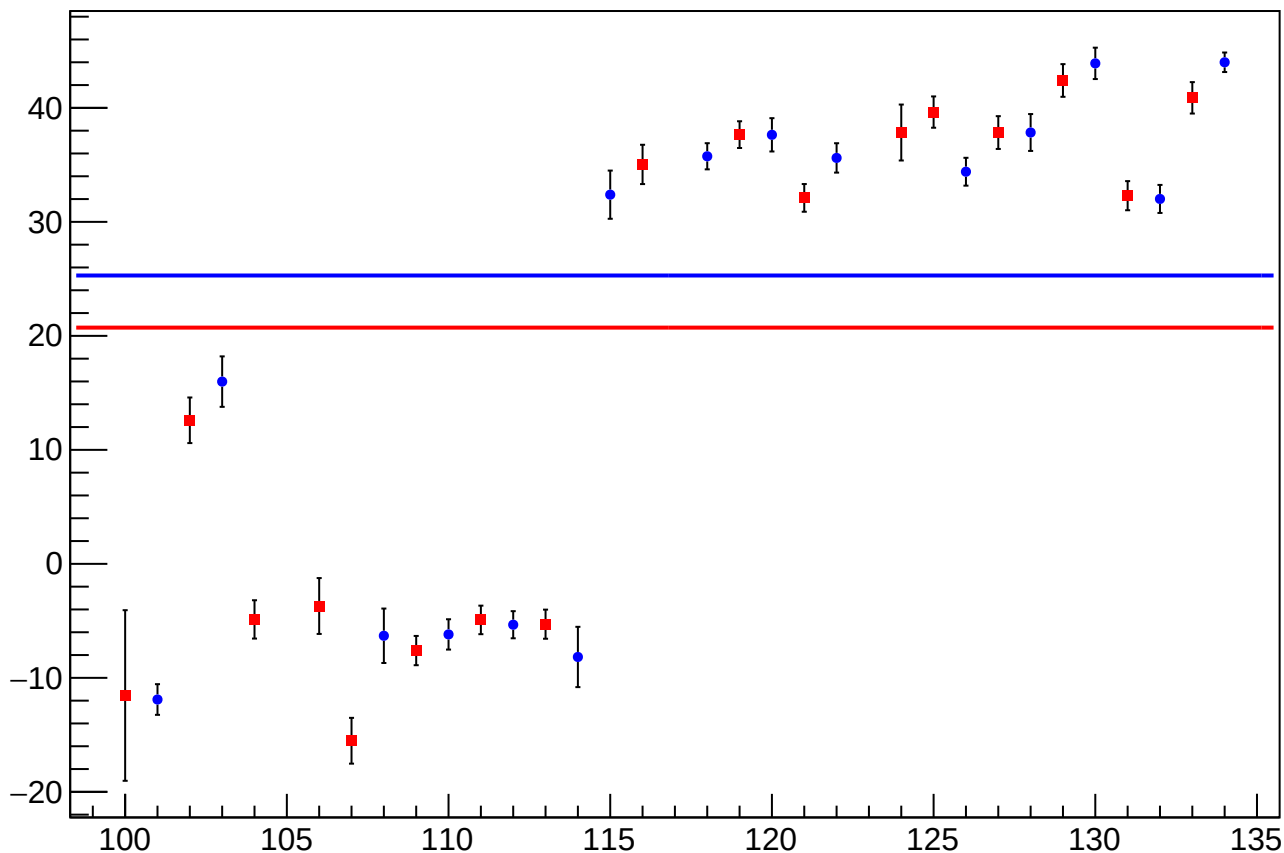
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -66.065 ± 0.242 χ^2/NDF : 427.9/31

- sign 0.000 ± 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: 20.724+/-0.367 χ^2 /NDF: 3283.0/16

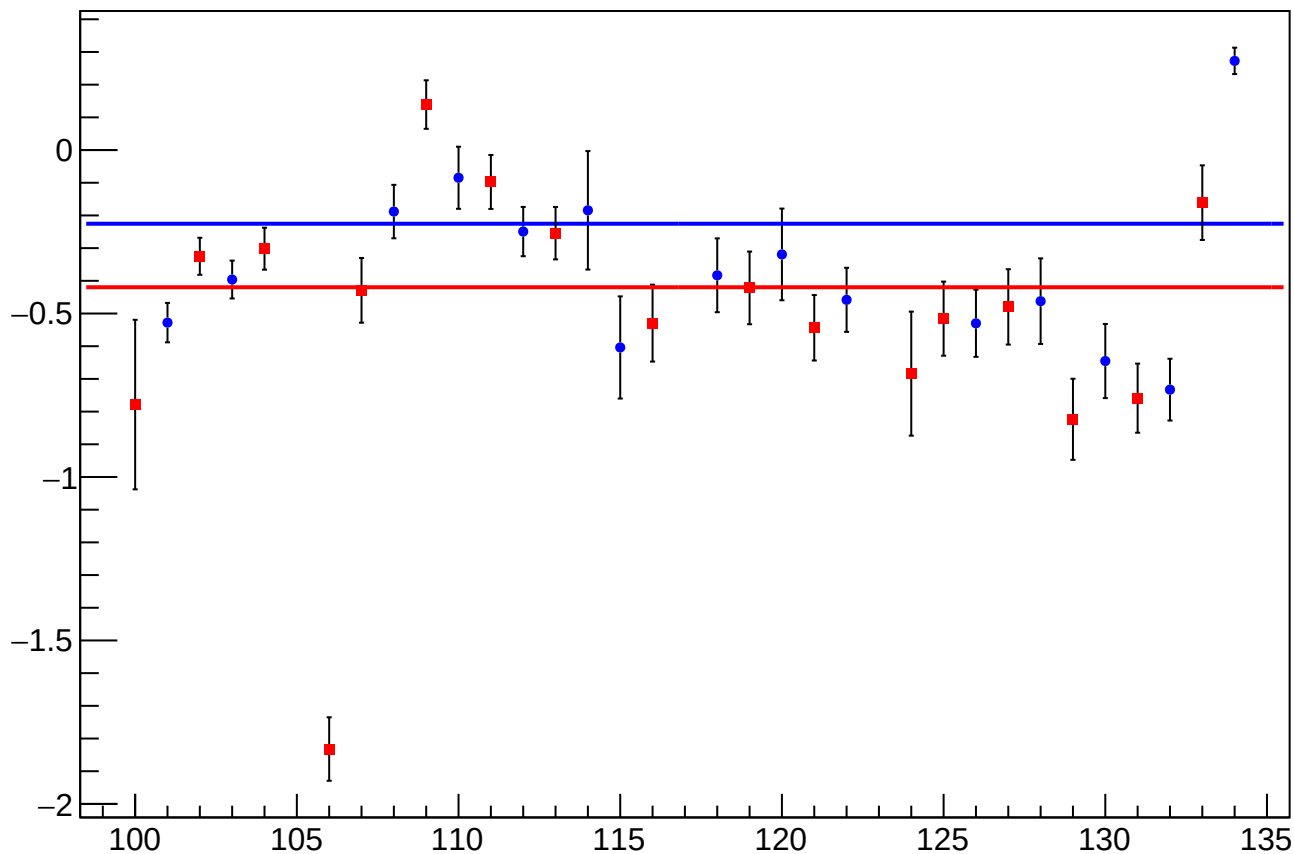
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 23.093+/-0.254 χ^2 /NDF: 6739.2/31

- 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: -0.420 ± 0.023 χ^2/NDF : 327.1/16

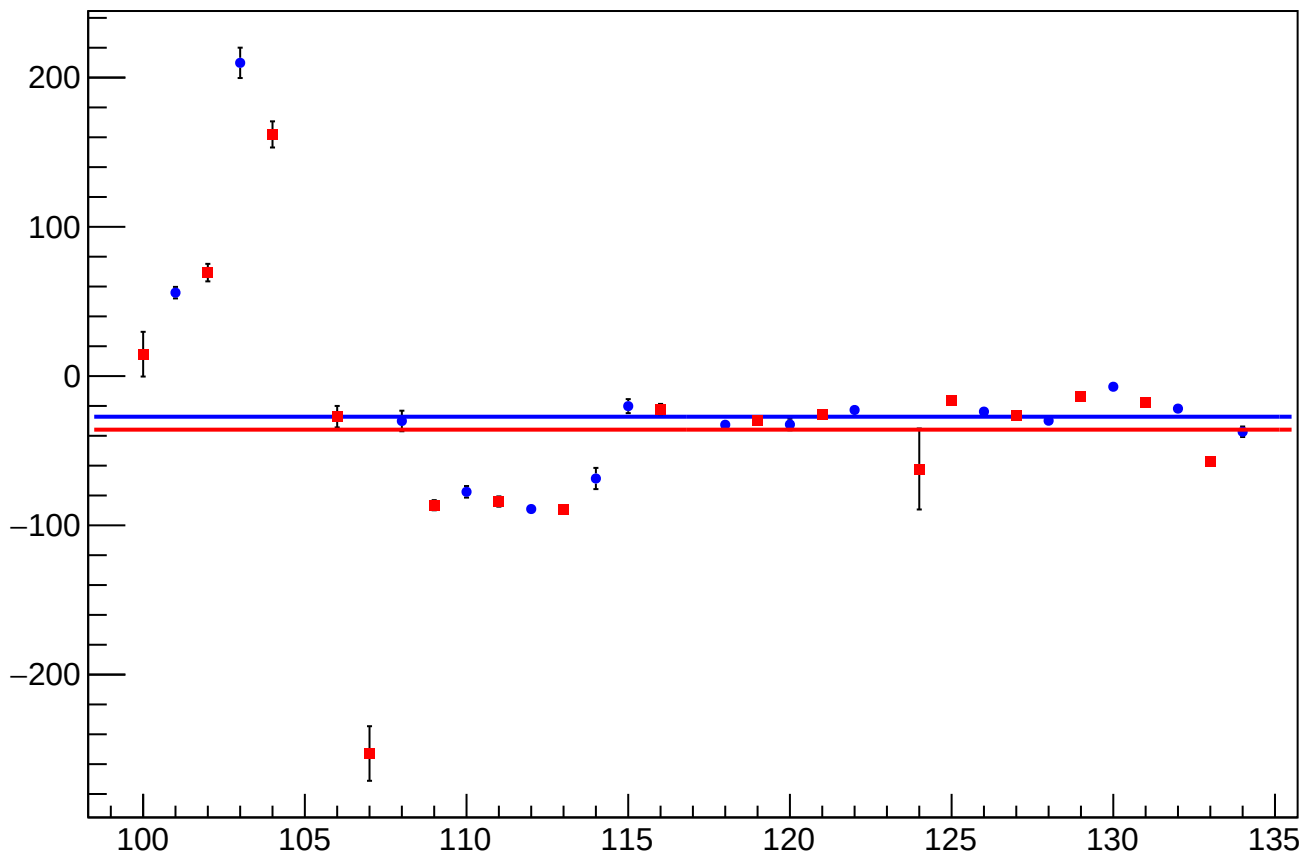
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.315 ± 0.015 χ^2/NDF : 623.3/31

- 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 χ^2/NDF : 1671.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.891 ± 0.913 χ^2/NDF : 1881.6/16

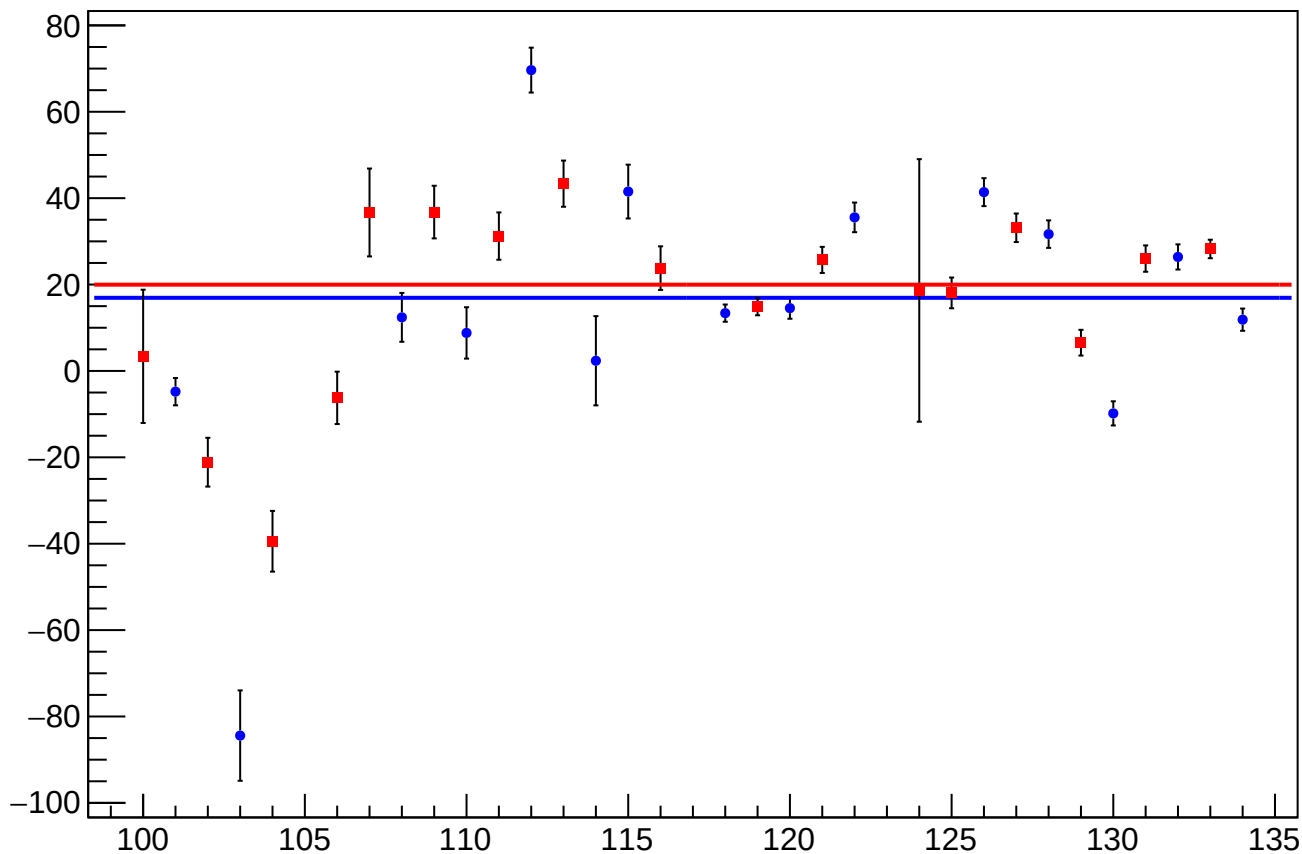
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.538 ± 0.644 χ^2/NDF : 3598.6/31

- sign 0.000 ± 0.000 χ^2/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: 19.973 $\pm$ 0.912 χ^2 /NDF: 244.0/16

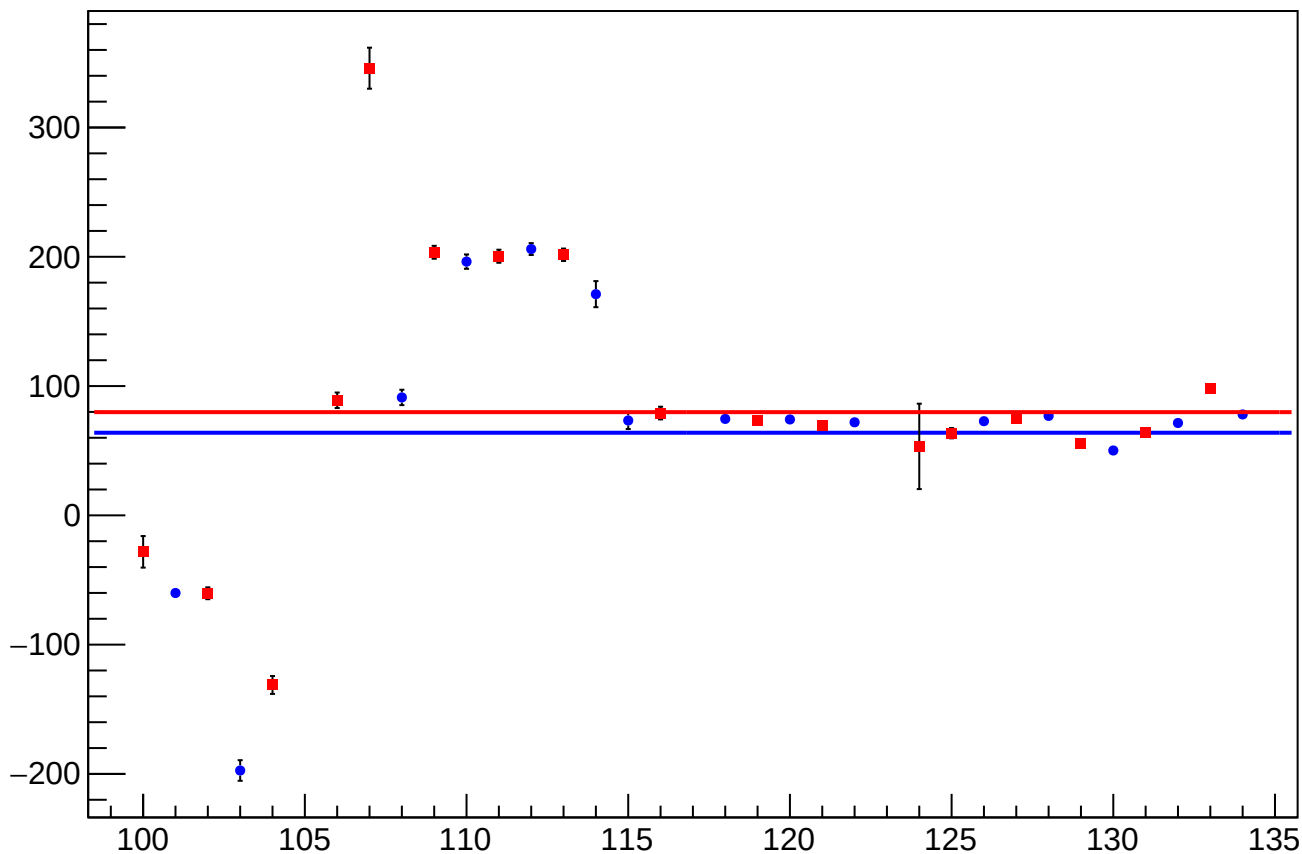
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.373 $\pm$ 0.628 χ^2 /NDF: 731.9/31

- 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: 79.835+/-1.055 χ^2 /NDF: 4192.9/16

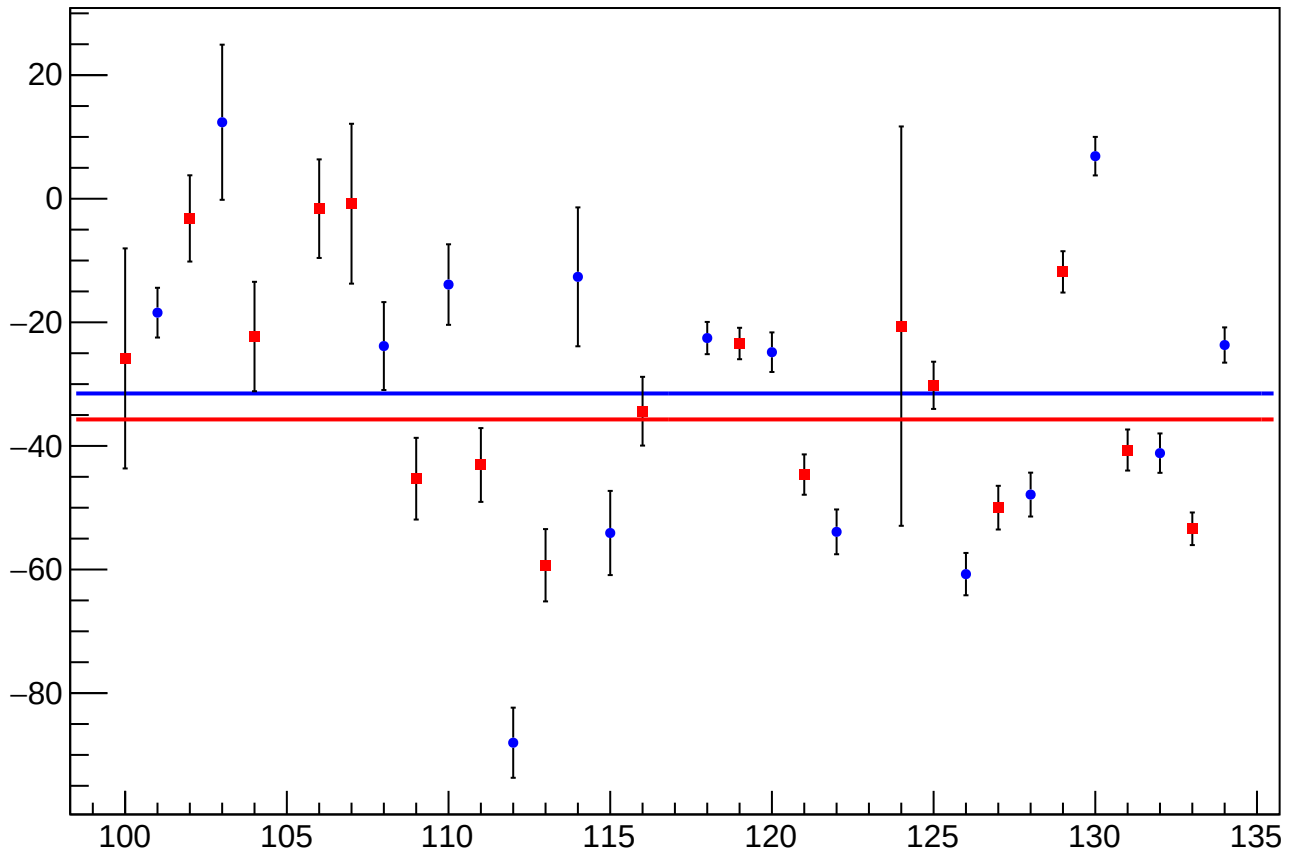
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 71.617+/-0.734 χ^2 /NDF: 8810.3/31

- 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: -35.714 ± 1.059 χ^2/NDF : 217.4/16

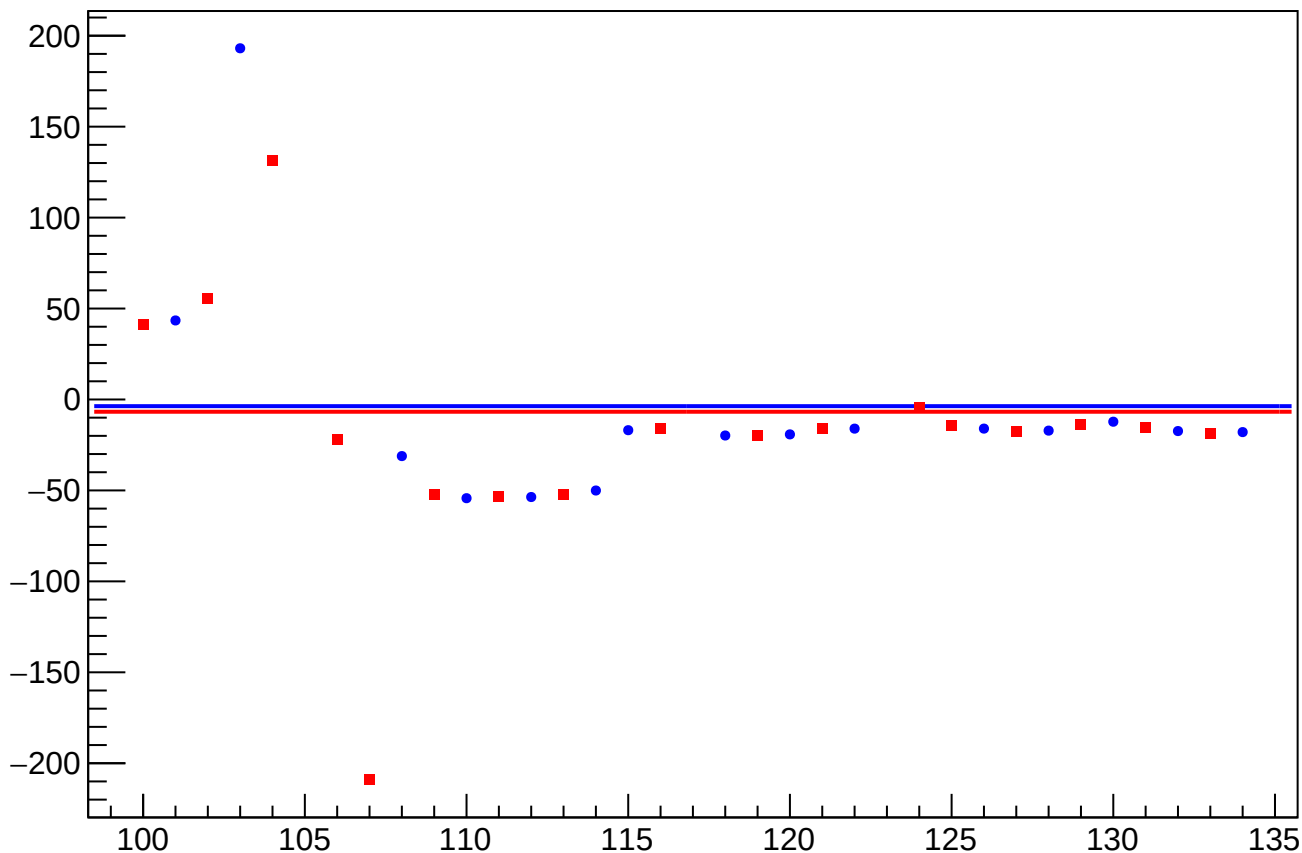
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -33.513 ± 0.731 χ^2/NDF : 686.8/31

- 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 $\chi^2/\text{NDF}: 487202.8/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -6.740 ± 0.074 $\chi^2/\text{NDF}: 424950.2/16$

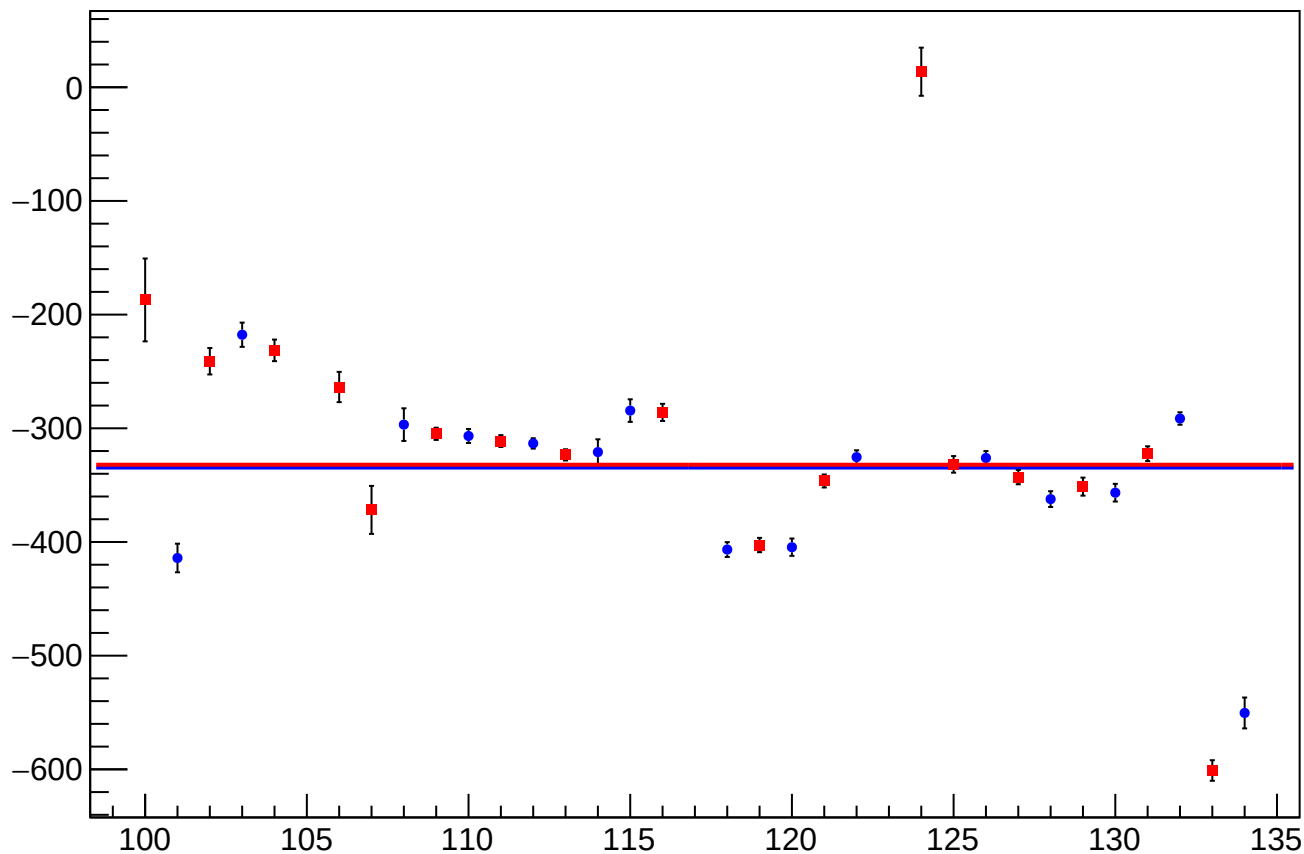
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -5.050 ± 0.050 $\chi^2/\text{NDF}: 913086.0/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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: -332.051+/-1.791 χ^2/NDF : 1594.3/16

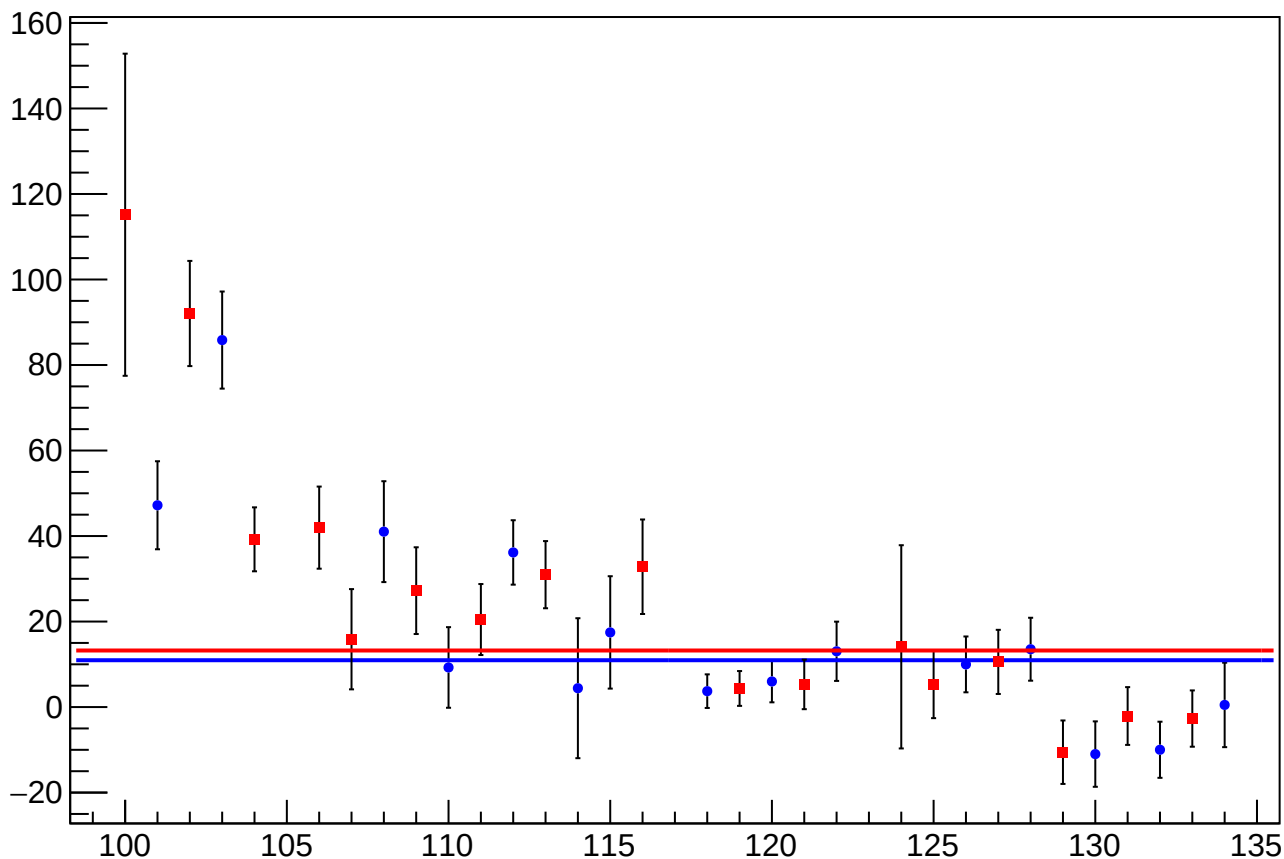
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -333.232+/-1.295 χ^2/NDF : 2381.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: 10.955+/-1.880 χ^2/NDF : 98.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.231+/-1.888 χ^2/NDF : 109.4/16

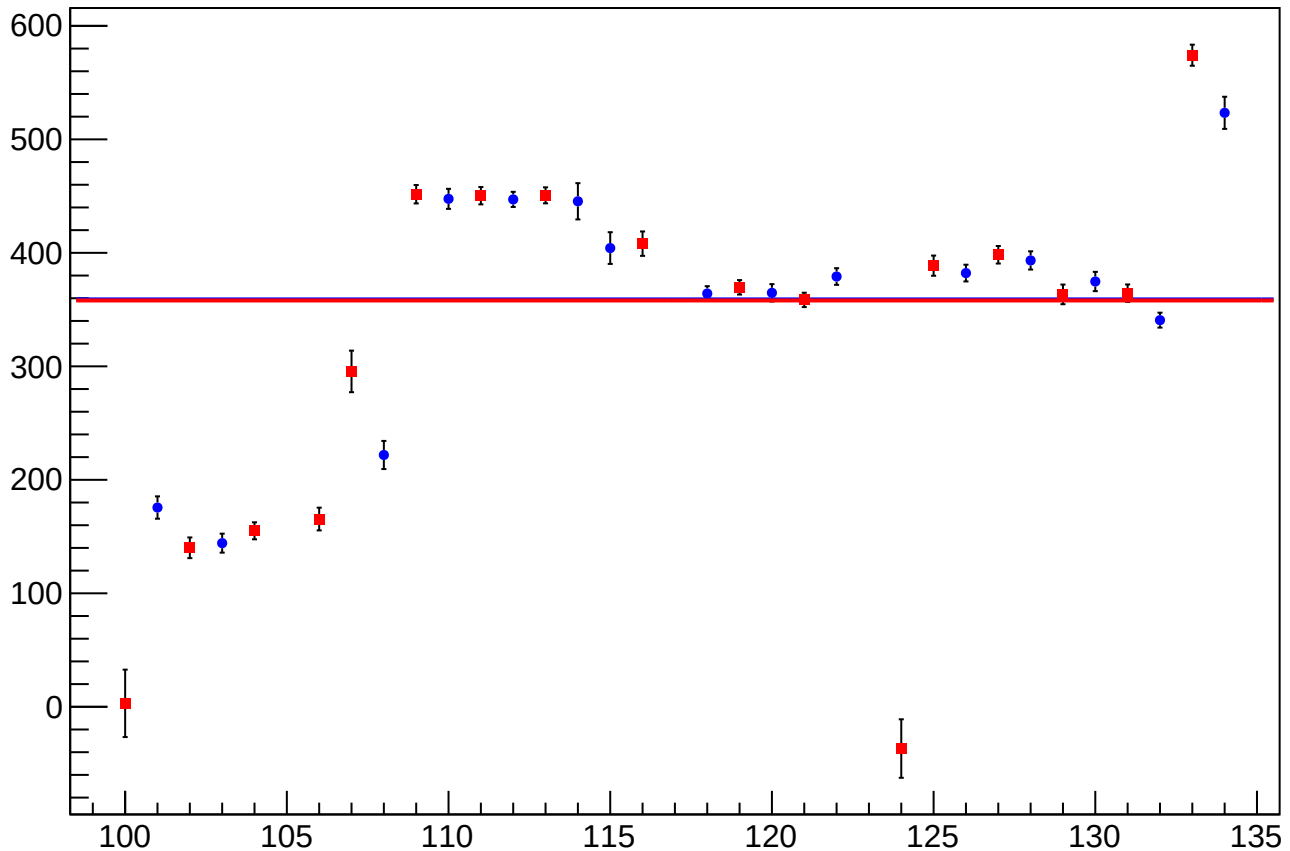
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.088+/-1.332 χ^2/NDF : 208.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 358.979+/-2.179 χ^2/NDF : 1627.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 358.052+/-2.098 χ^2/NDF : 3123.5/16

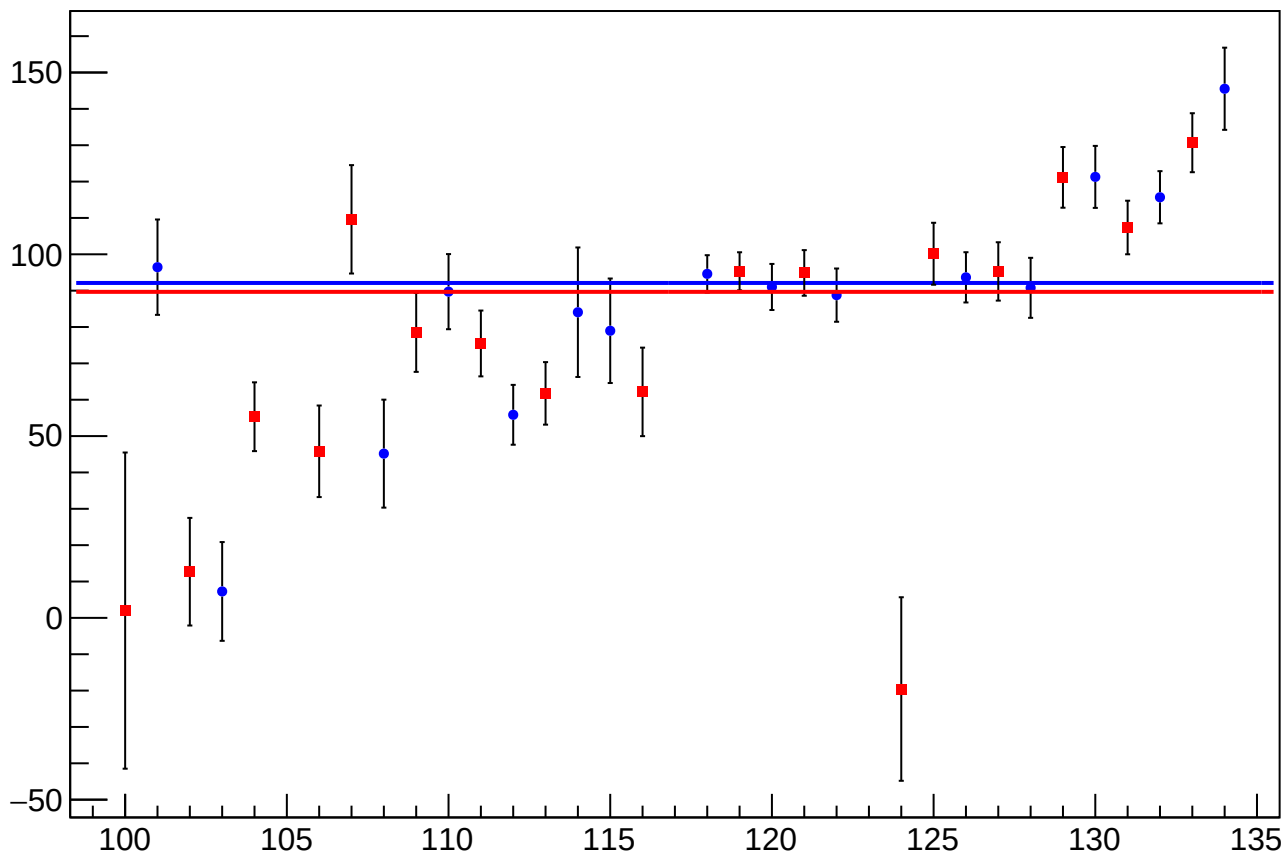
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 358.498+/-1.511 χ^2/NDF : 4751.0/31

- sign 0.000+/-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: 89.671 $\pm$ 2.189 χ^2 /NDF: 145.5/16

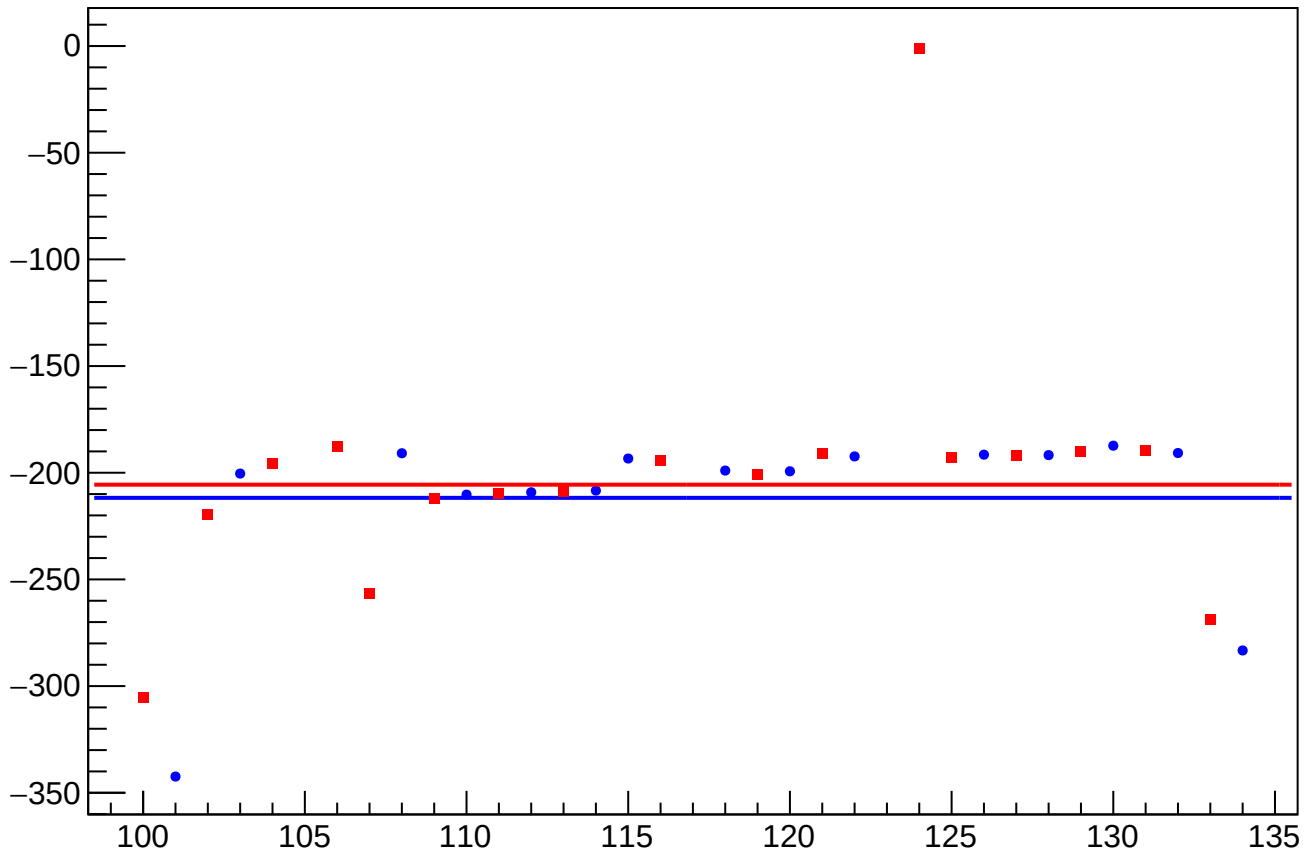
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 90.886 $\pm$ 1.553 χ^2 /NDF: 261.2/31

- 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: -205.600 $\pm$ 0.142 χ^2 /NDF: 35276.6/16

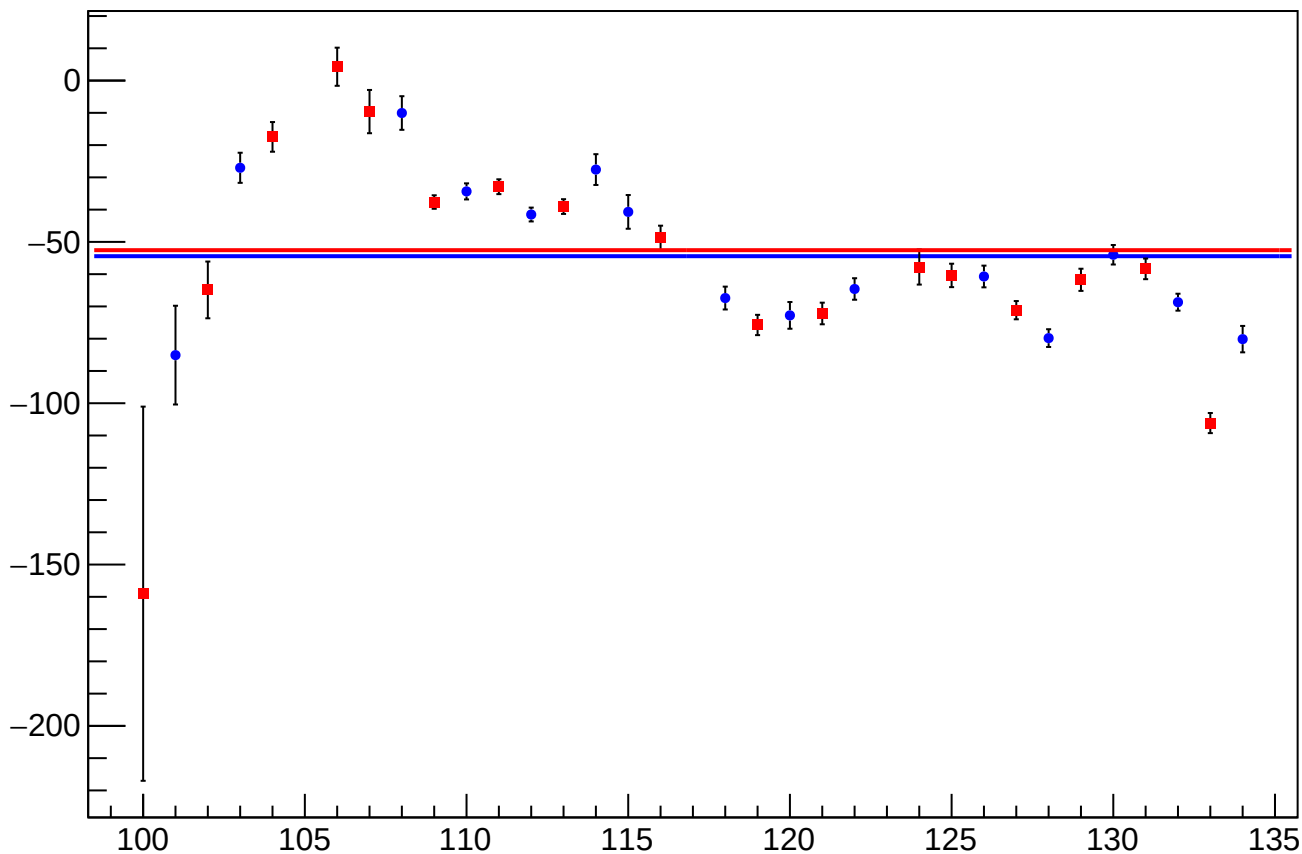
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -208.553 $\pm$ 0.103 χ^2 /NDF: 109958.3/31

- 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: -52.566 ± 0.816 χ^2/NDF : 800.2/16

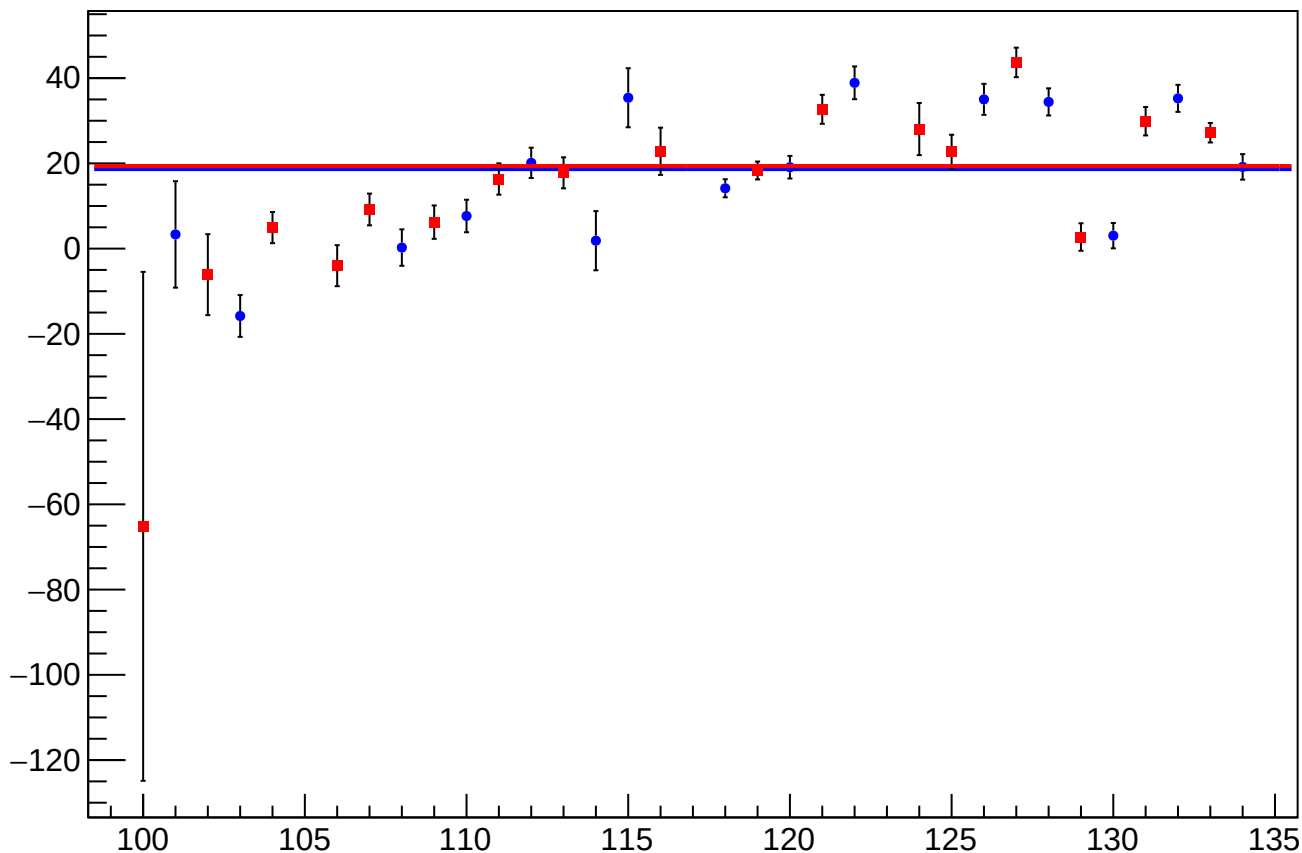
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -53.434 ± 0.597 χ^2/NDF : 1253.3/31

- 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: 19.377 $\pm$ 0.873 χ^2 /NDF: 184.3/16

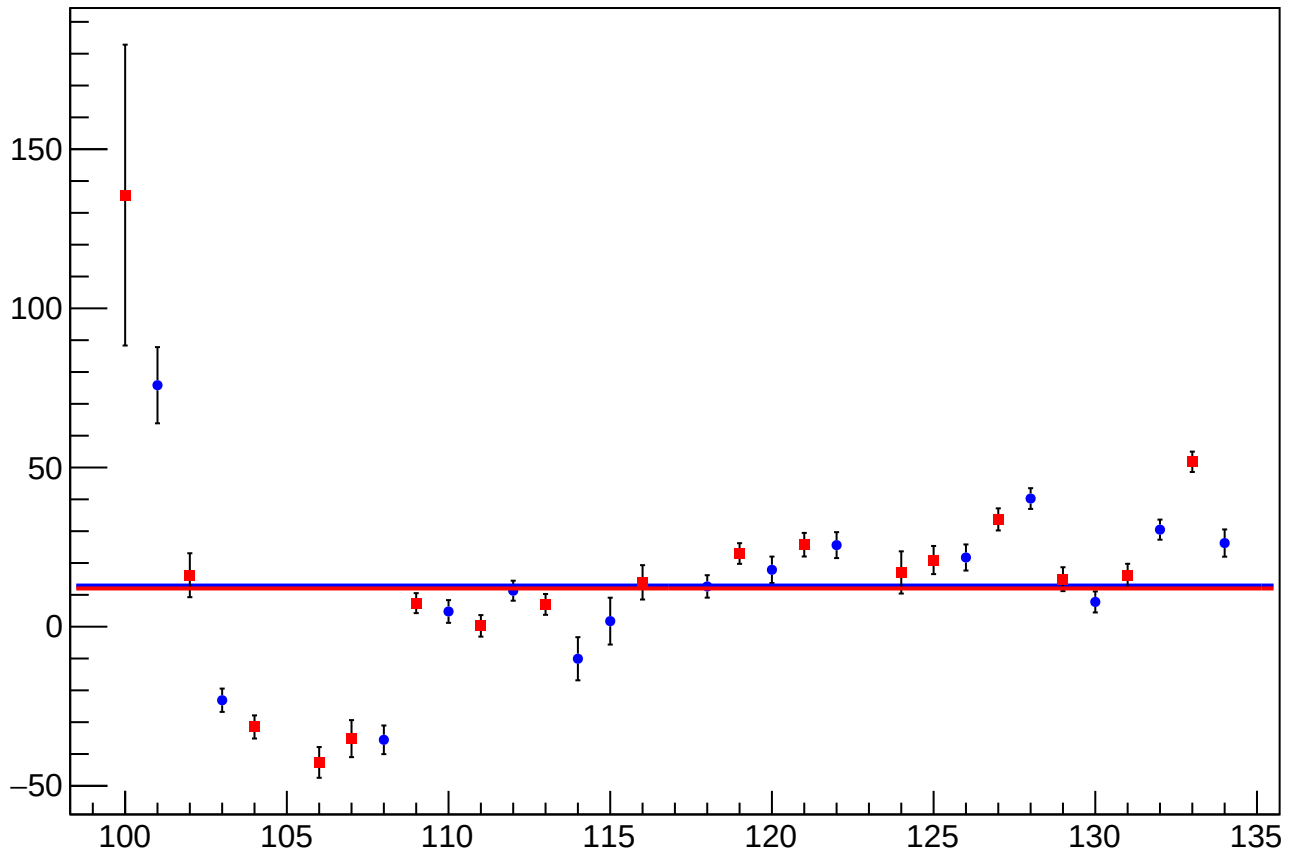
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.027 $\pm$ 0.628 χ^2 /NDF: 406.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 12.920 $\pm$ 1.026 χ^2 /NDF: 388.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 12.000 $\pm$ 0.976 χ^2 /NDF: 586.8/16

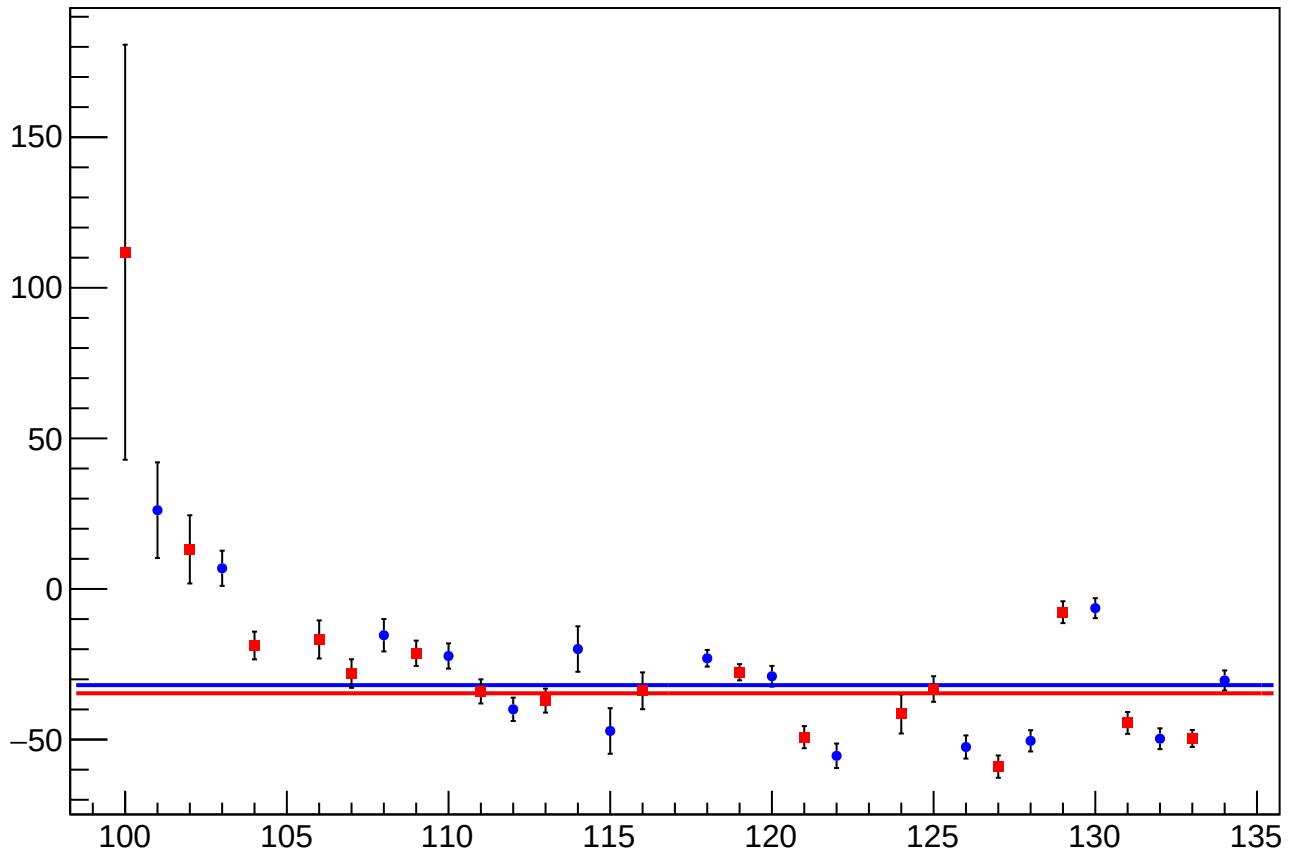
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.437 $\pm$ 0.707 χ^2 /NDF: 976.2/31

- sign 0.000 $\pm$ 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: -34.638 ± 1.012 χ^2/NDF : 212.0/16

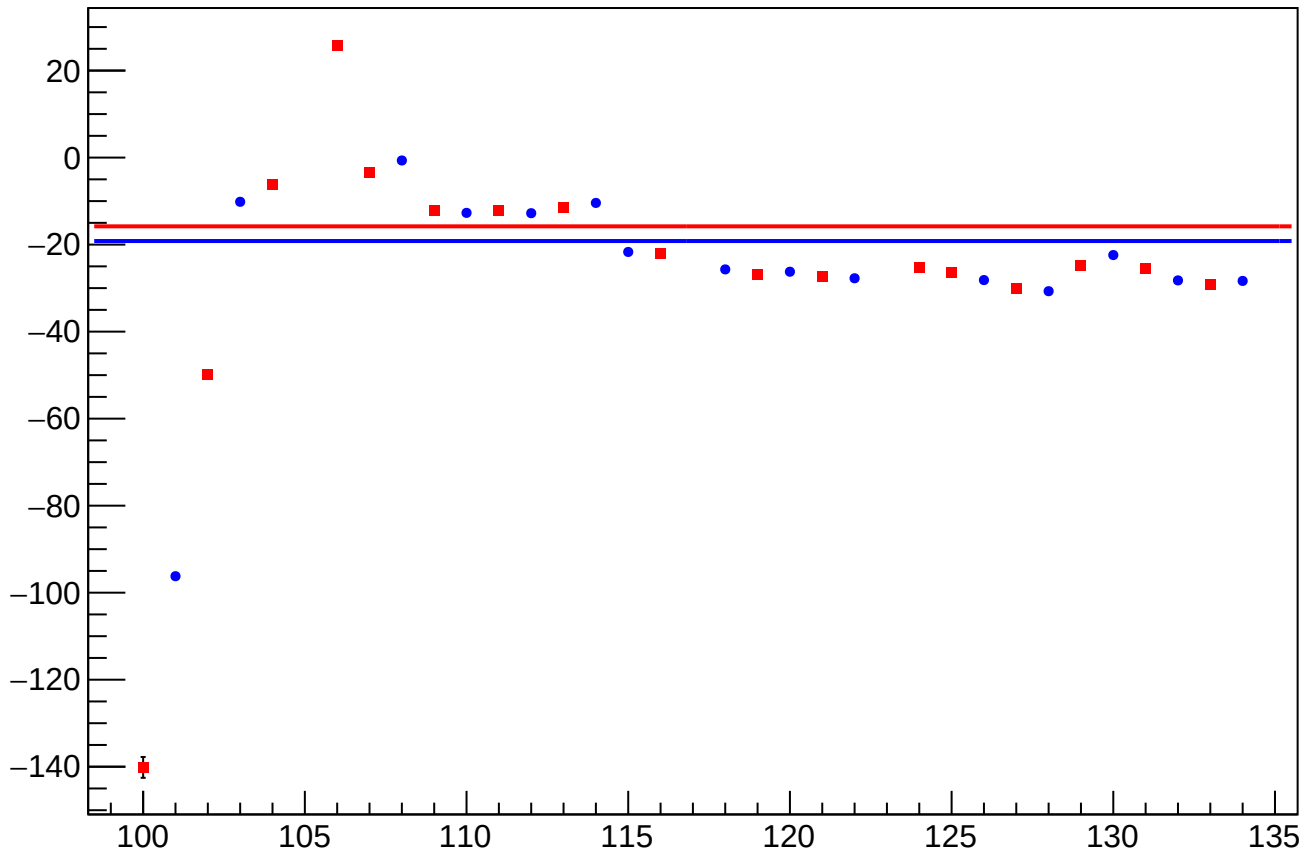
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -33.330 ± 0.728 χ^2/NDF : 485.2/31

- 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: -15.801 ± 0.066 χ^2/NDF : 66878.1/16

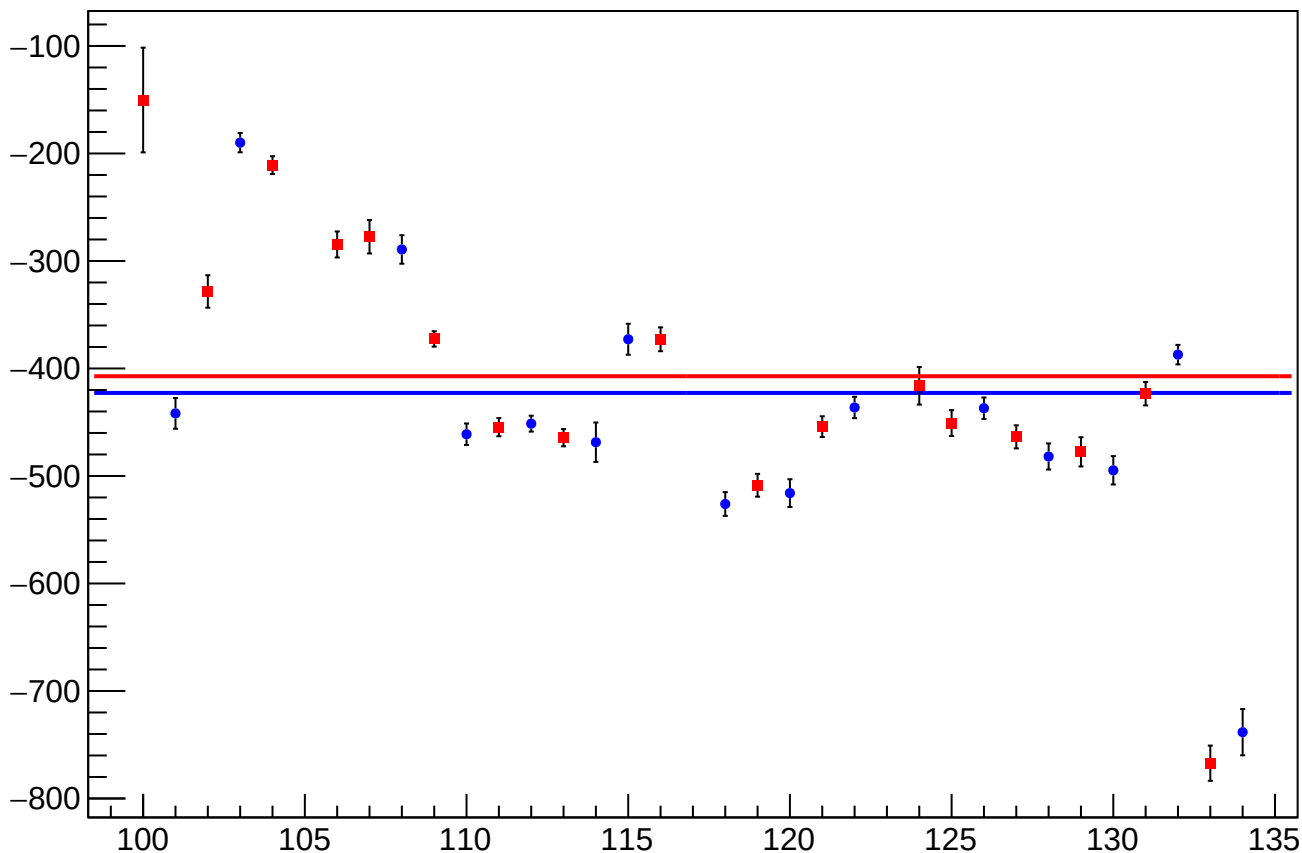
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -17.495 ± 0.047 χ^2/NDF : 103902.0/31

- 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: -407.227 ± 2.639 χ^2/NDF : 1571.6/16

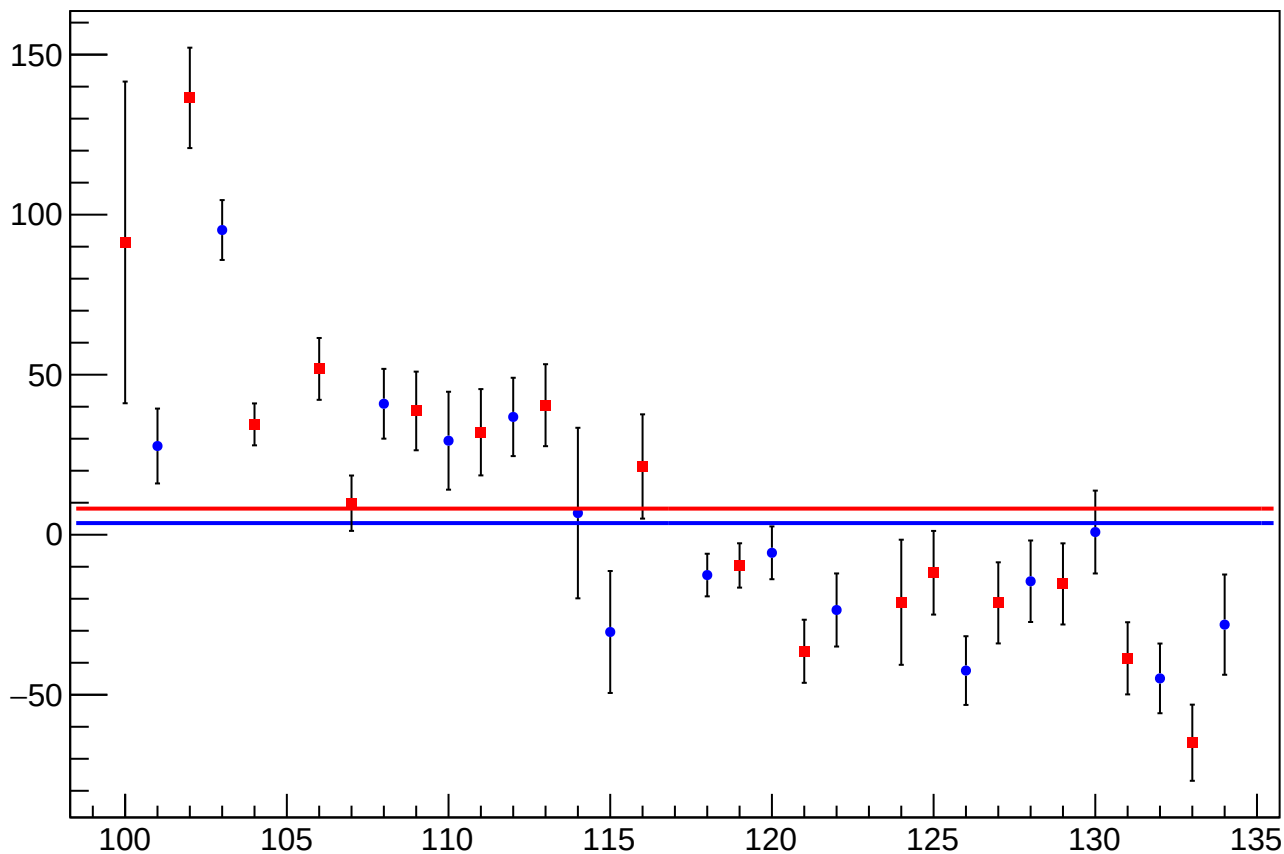
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -414.303 ± 1.946 χ^2/NDF : 2838.6/31

- 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 χ^2/NDF : 182.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 8.162 ± 2.665 χ^2/NDF : 218.1/16

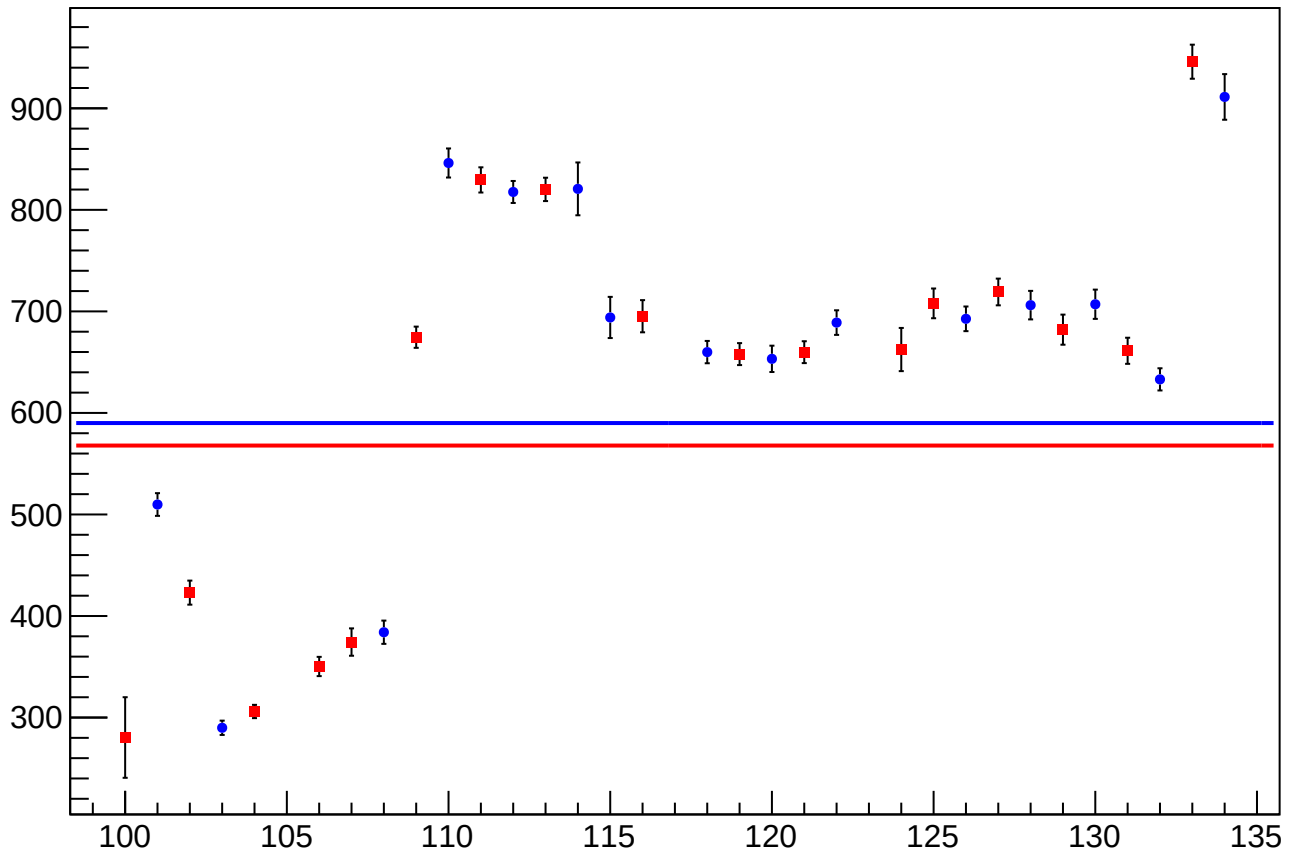
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 6.076 ± 1.956 χ^2/NDF : 401.9/31

- sign 0.000 ± 0.000 χ^2/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: 567.872+/-2.900 χ^2/NDF : 4637.0/16

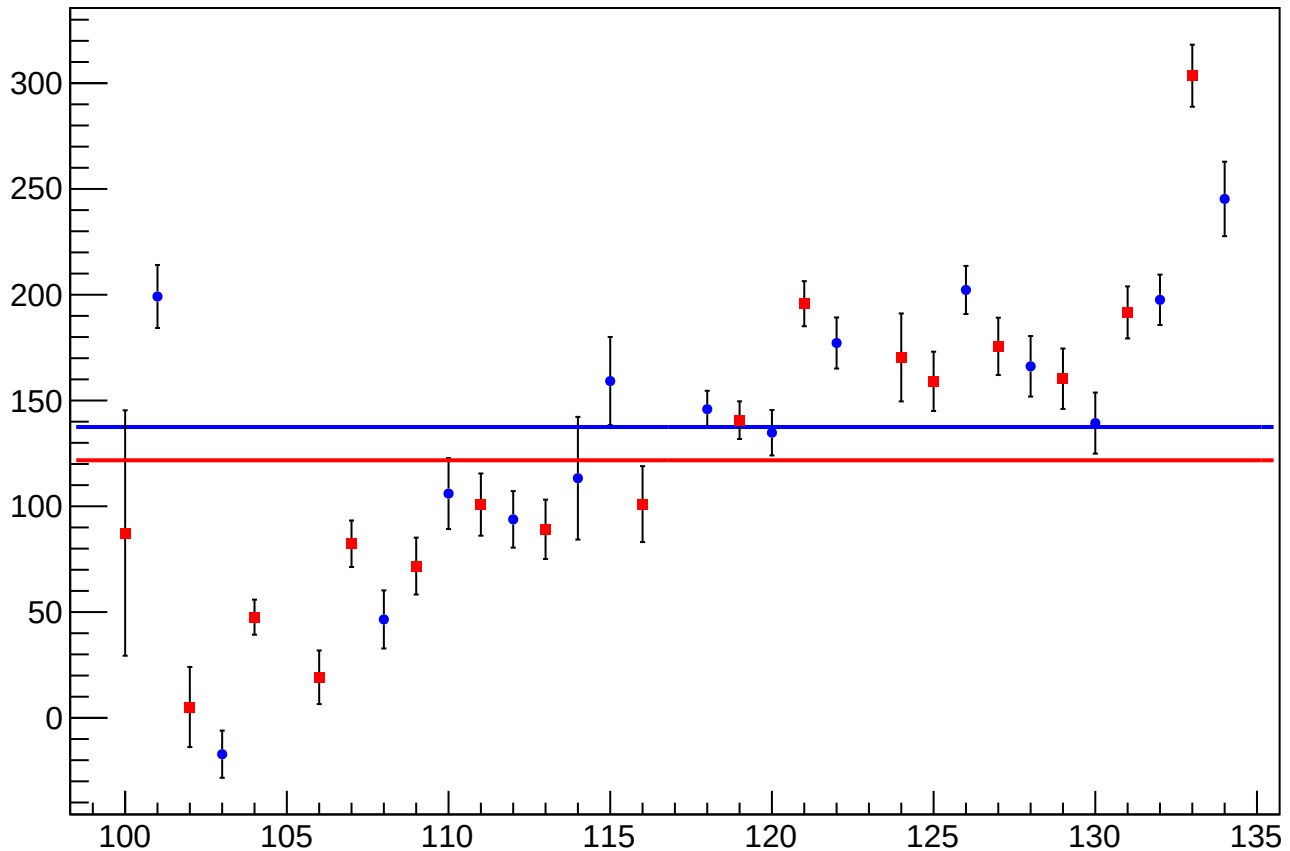
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 578.058+/-2.132 χ^2/NDF : 8276.4/31

- 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: 121.748+/-3.148 χ^2/NDF : 493.6/16

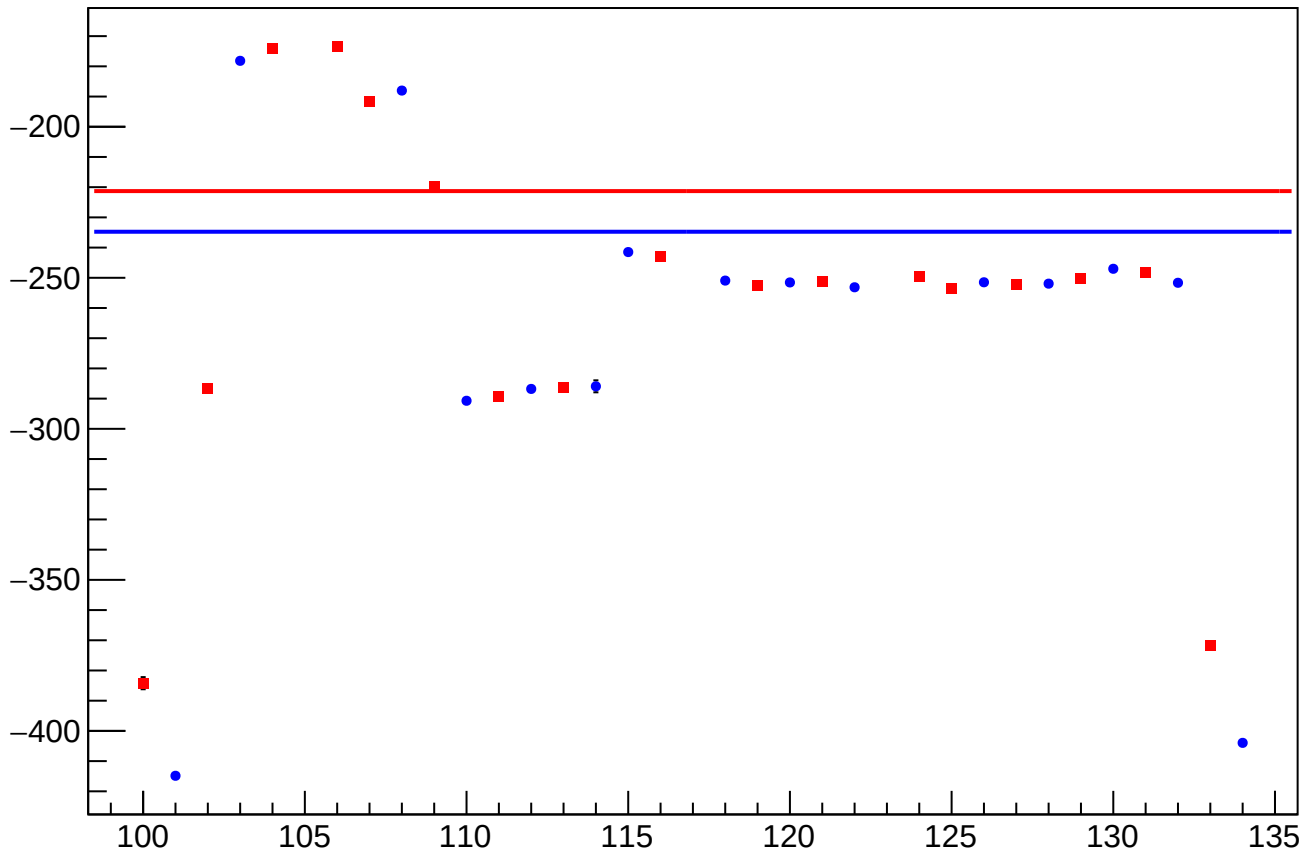
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.030+/-2.307 χ^2/NDF : 885.6/31

- 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: -221.299 ± 0.174 χ^2/NDF : 88202.7/16

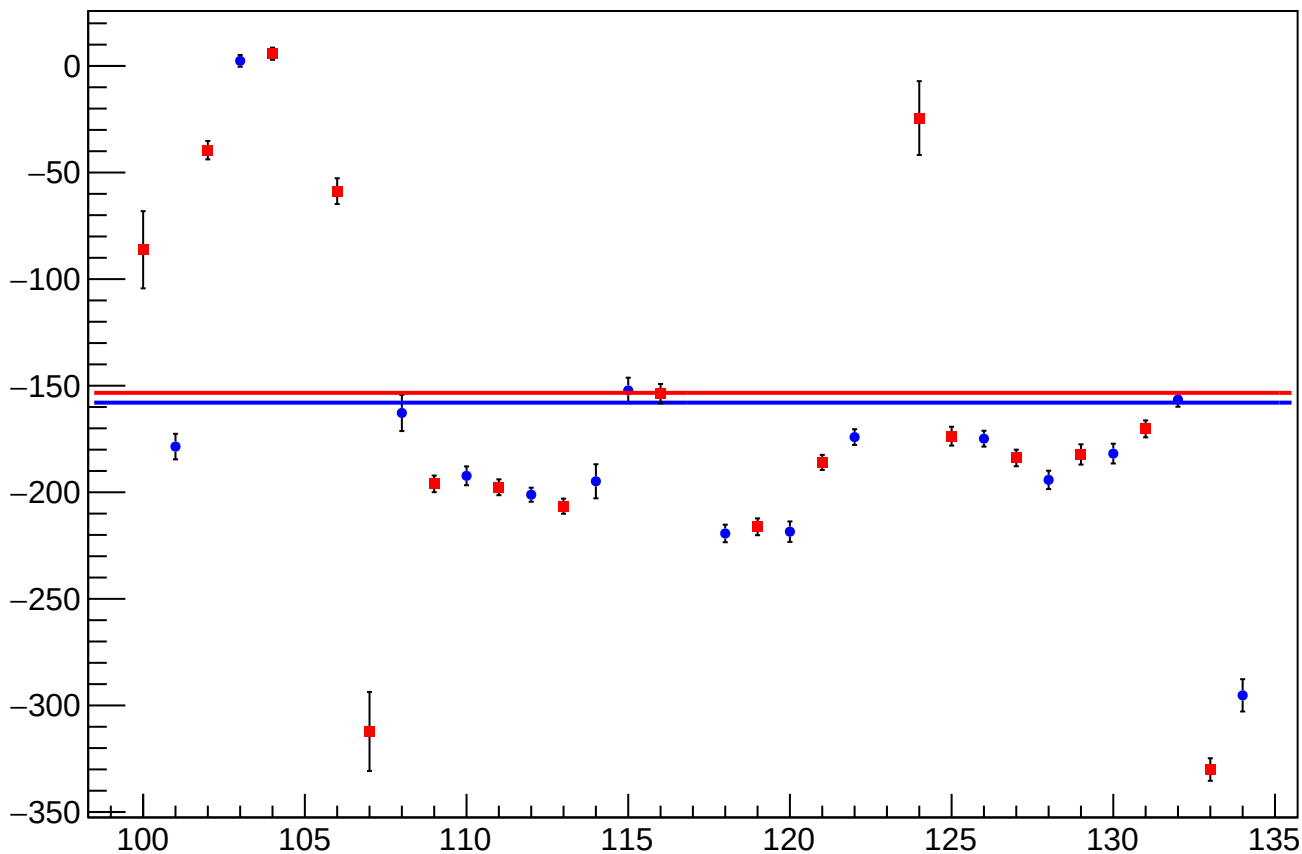
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -227.647 ± 0.126 χ^2/NDF : 254663.9/31

- 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: -153.351 ± 1.064 χ^2/NDF : 6297.4/16

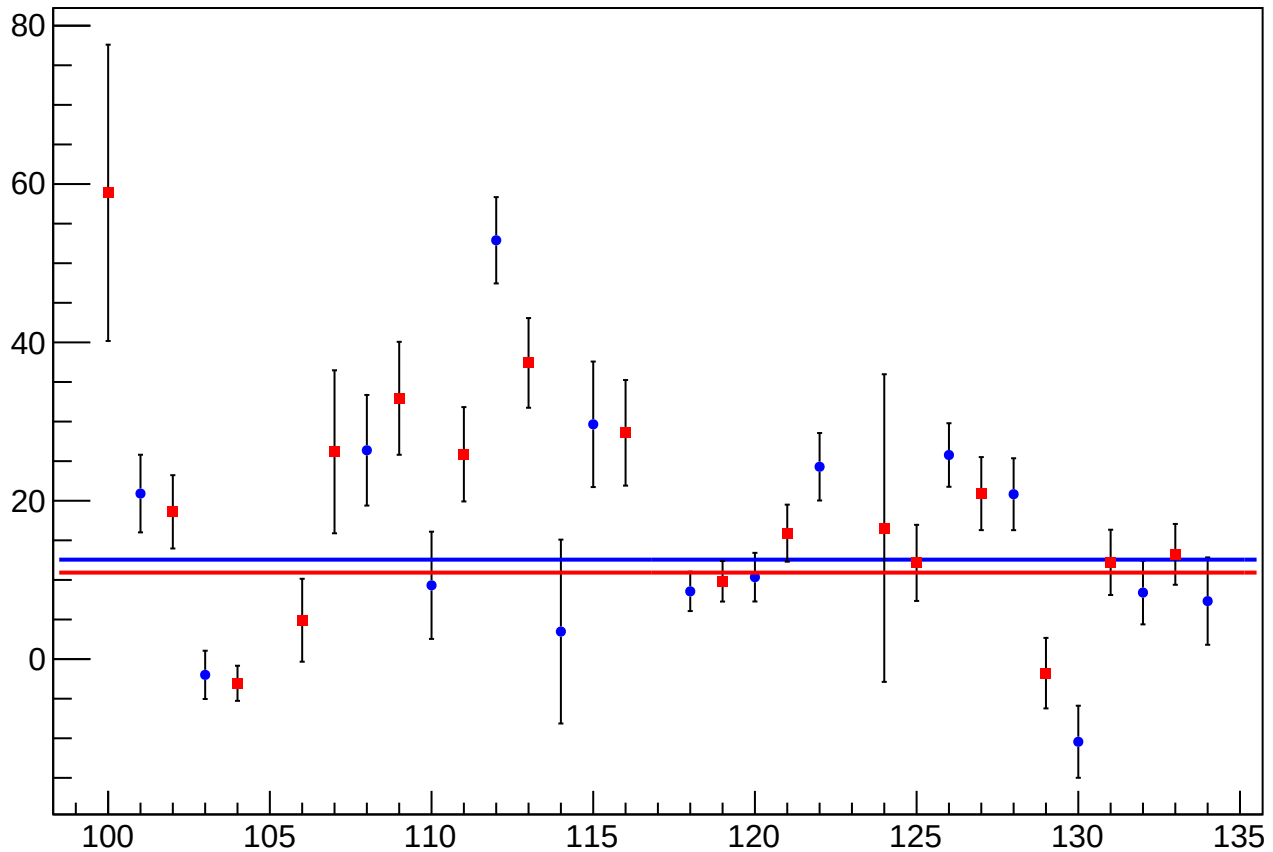
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -155.551 ± 0.768 χ^2/NDF : 10745.6/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 12.561 $\pm$ 1.101 χ^2 /NDF: 142.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.924 $\pm$ 1.054 χ^2 /NDF: 112.8/16

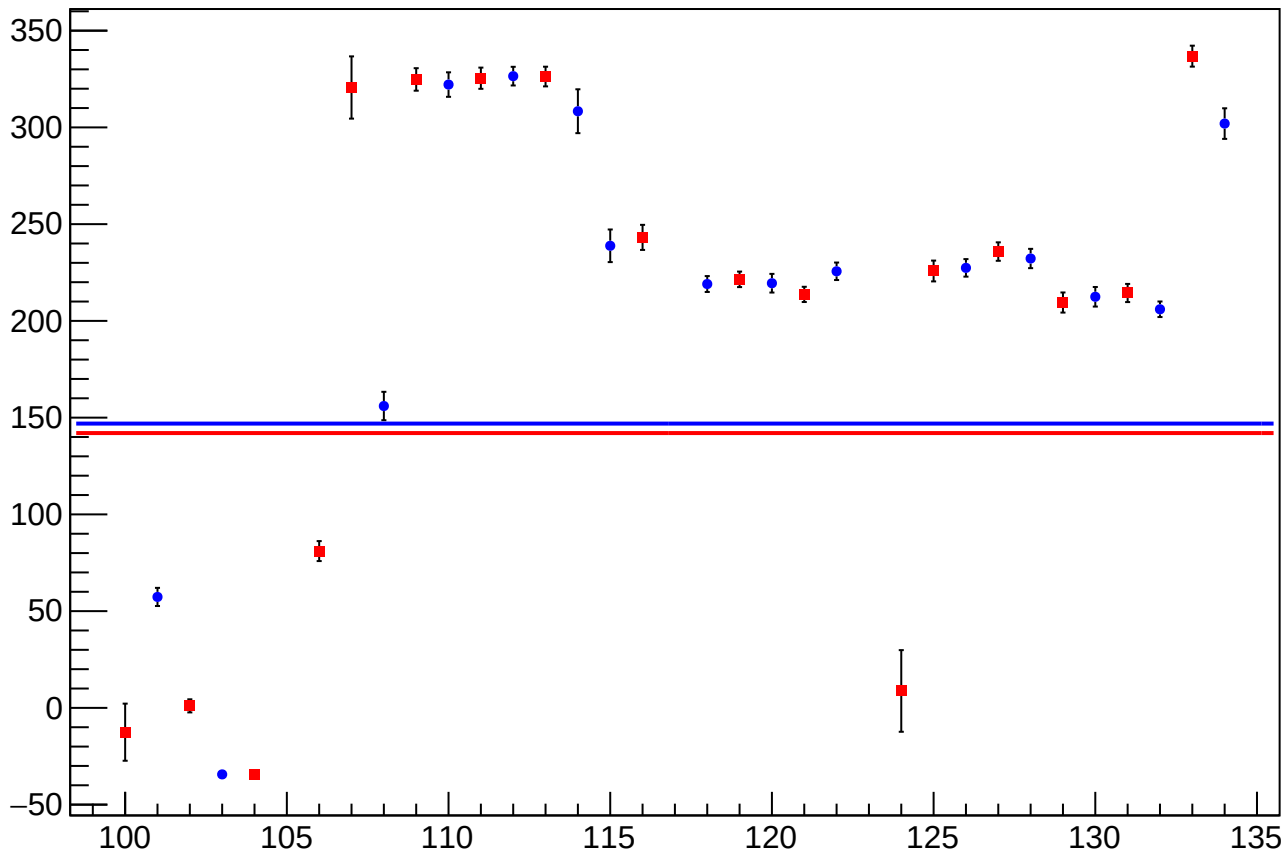
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.707 $\pm$ 0.761 χ^2 /NDF: 256.2/31

- sign 0.000 $\pm$ 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: 142.029+/-1.131 χ^2/NDF : 15063.3/16

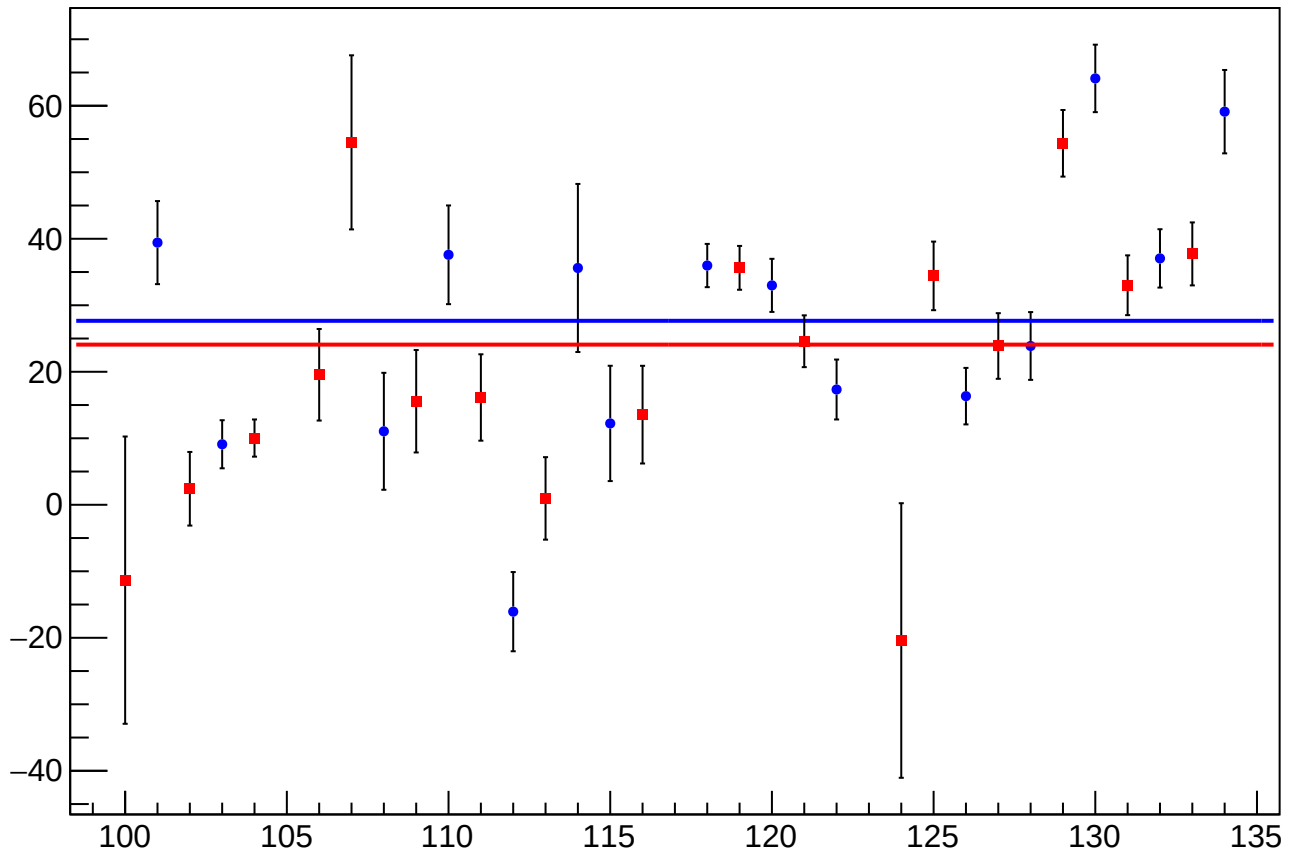
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.379+/-0.816 χ^2/NDF : 27017.5/31

- 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: 24.085 $\pm$ 1.243 χ^2 /NDF: 137.5/16

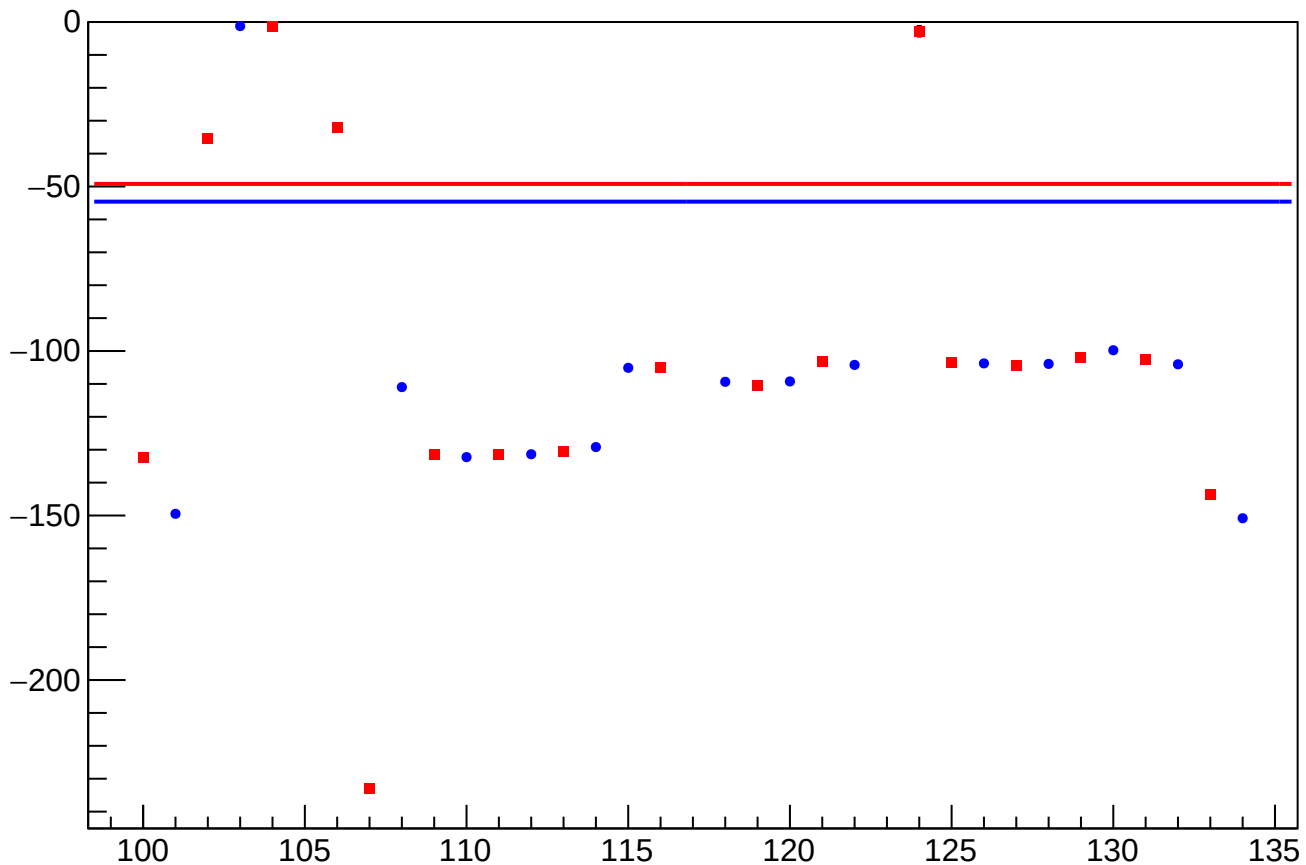
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.802 $\pm$ 0.896 χ^2 /NDF: 336.8/31

- 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 $\pm$ 0.067 χ^2 /NDF: 797770.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -49.209 $\pm$ 0.065 χ^2 /NDF: 640530.0/16

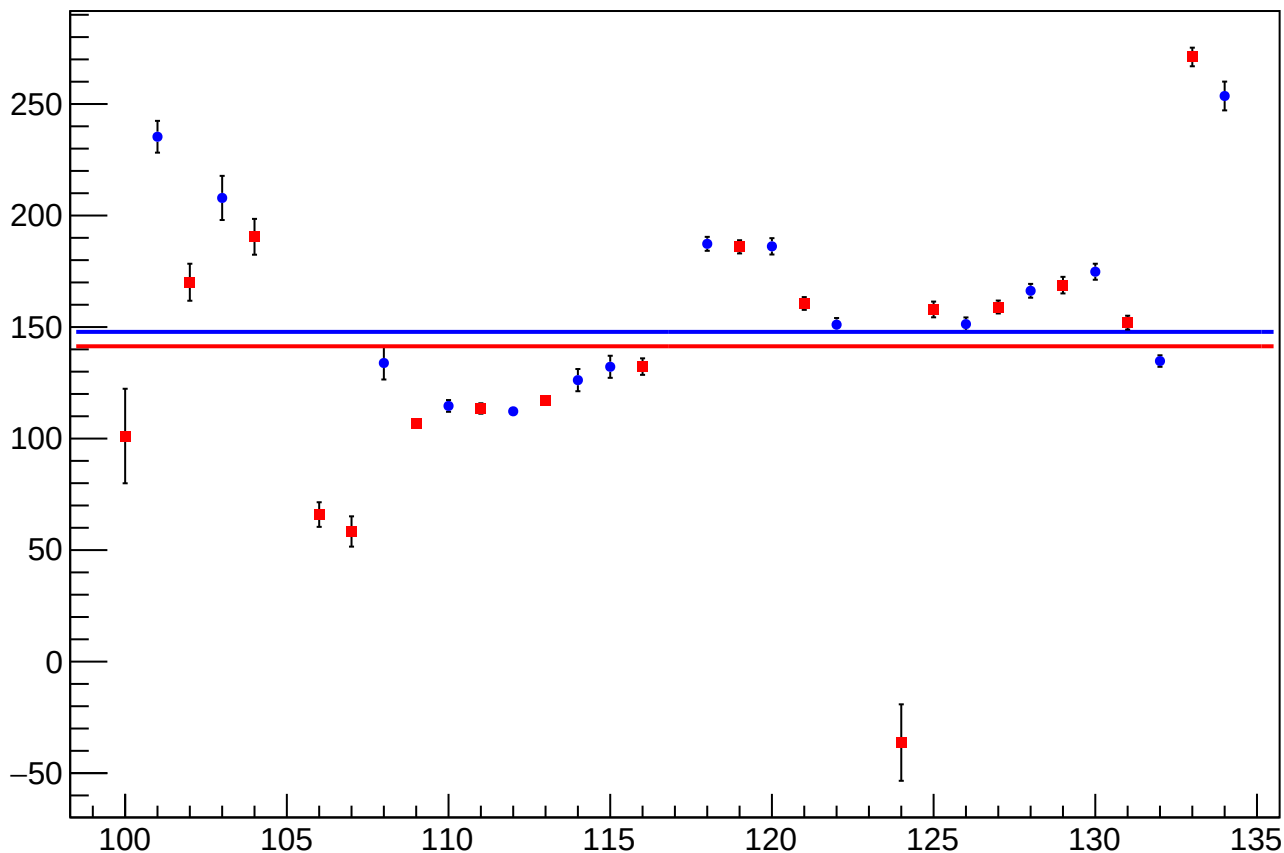
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -51.808 $\pm$ 0.047 χ^2 /NDF: 1441652.0/31

- sign 0.000 $\pm$ 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: 141.379 $\pm$ 0.840 χ^2 /NDF: 2370.9/16

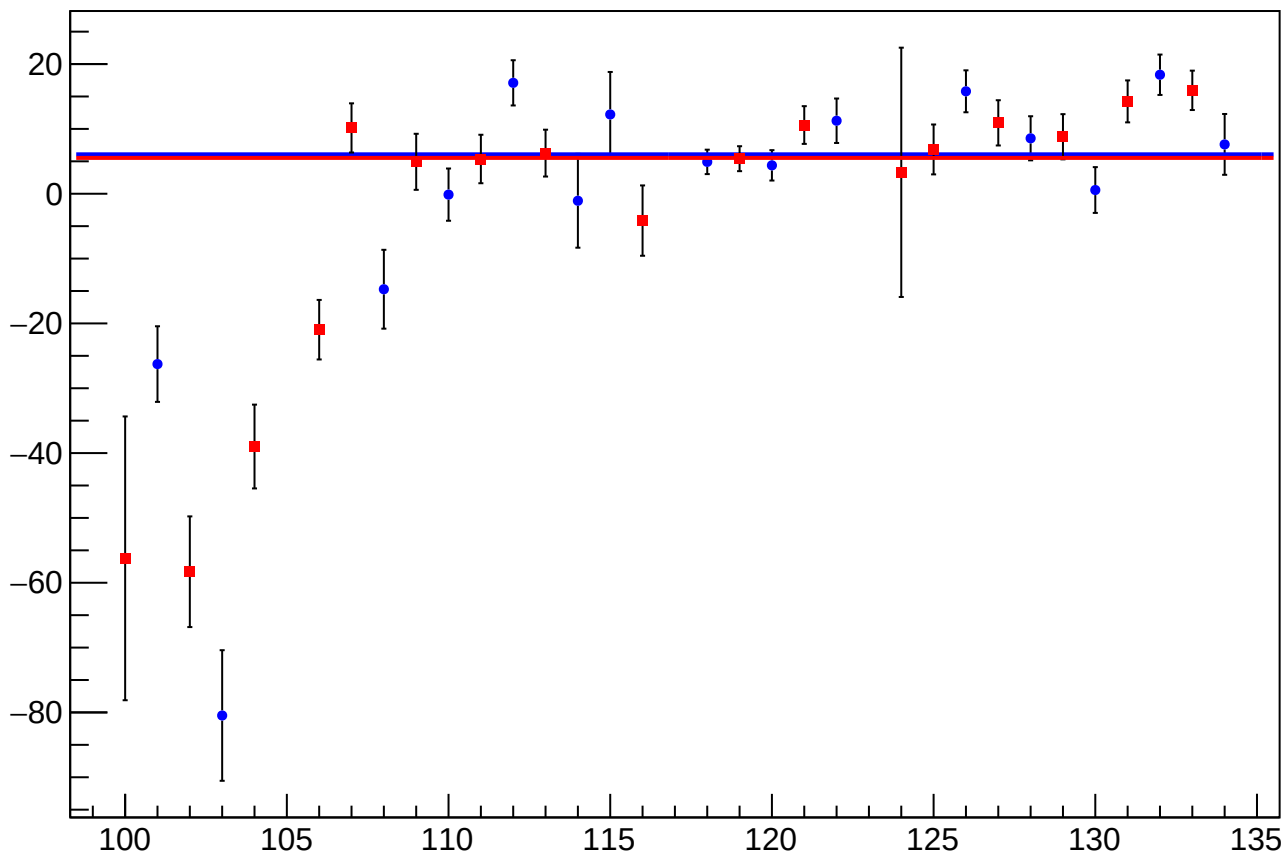
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 144.414 $\pm$ 0.612 χ^2 /NDF: 3720.6/31

- 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 $\pm$ 0.908 χ^2 /NDF: 161.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.529 $\pm$ 0.906 χ^2 /NDF: 174.8/16

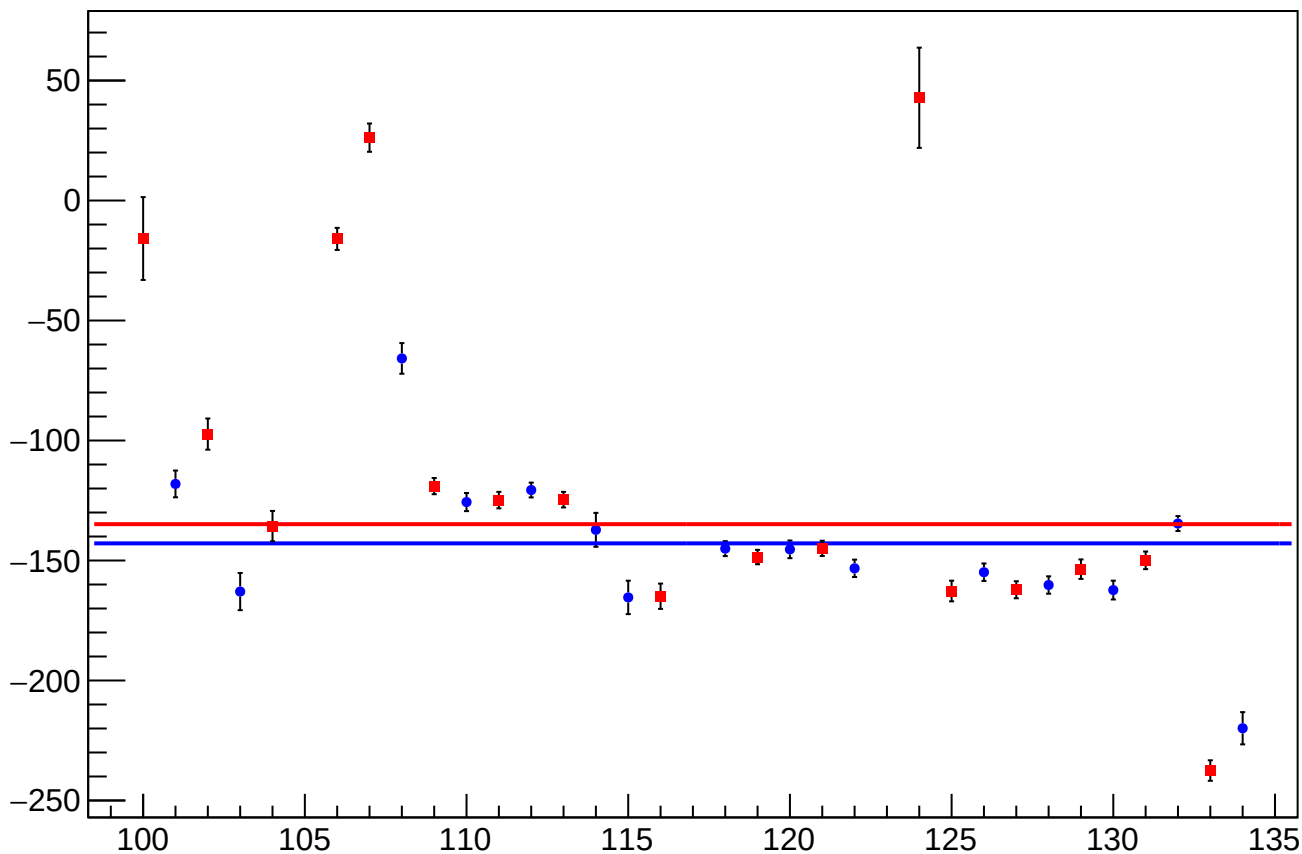
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.804 $\pm$ 0.641 χ^2 /NDF: 336.4/31

- sign 0.000 $\pm$ 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: -134.857 ± 1.017 χ^2/NDF : 2388.2/16

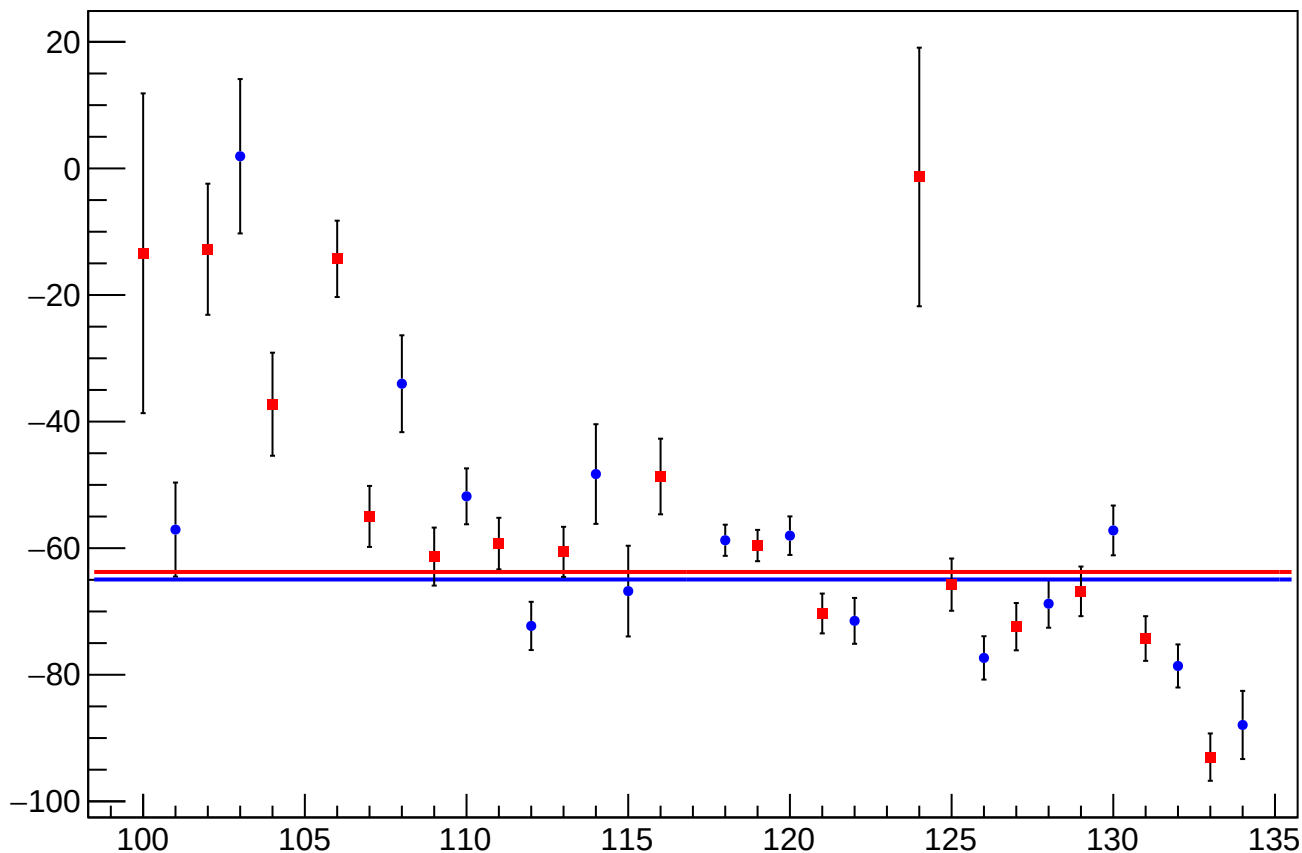
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -138.680 ± 0.735 χ^2/NDF : 2879.7/31

- 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: -63.759 ± 1.048 χ^2/NDF : 210.6/16

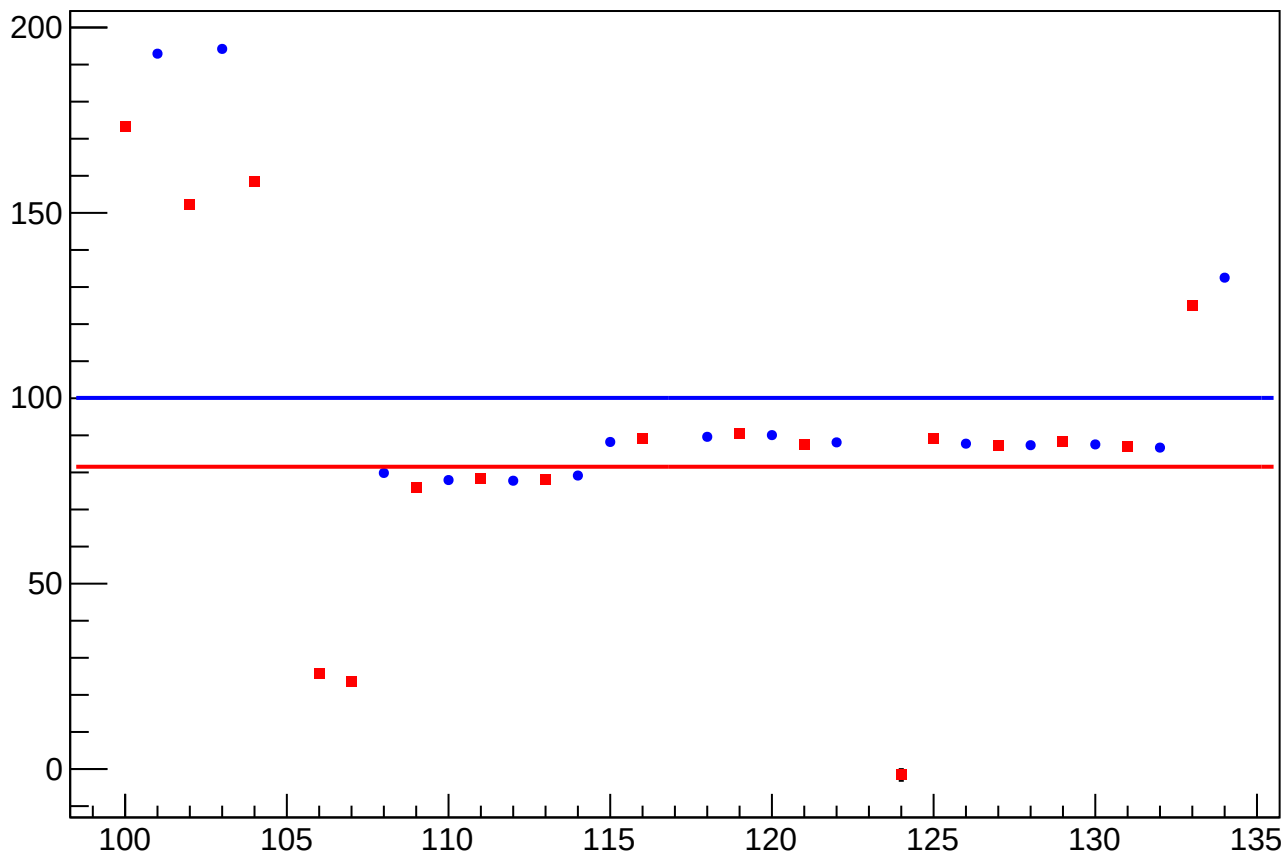
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -64.345 ± 0.746 χ^2/NDF : 343.0/31

- 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: 81.533 $\pm$ 0.070 χ^2 /NDF: 307529.9/16

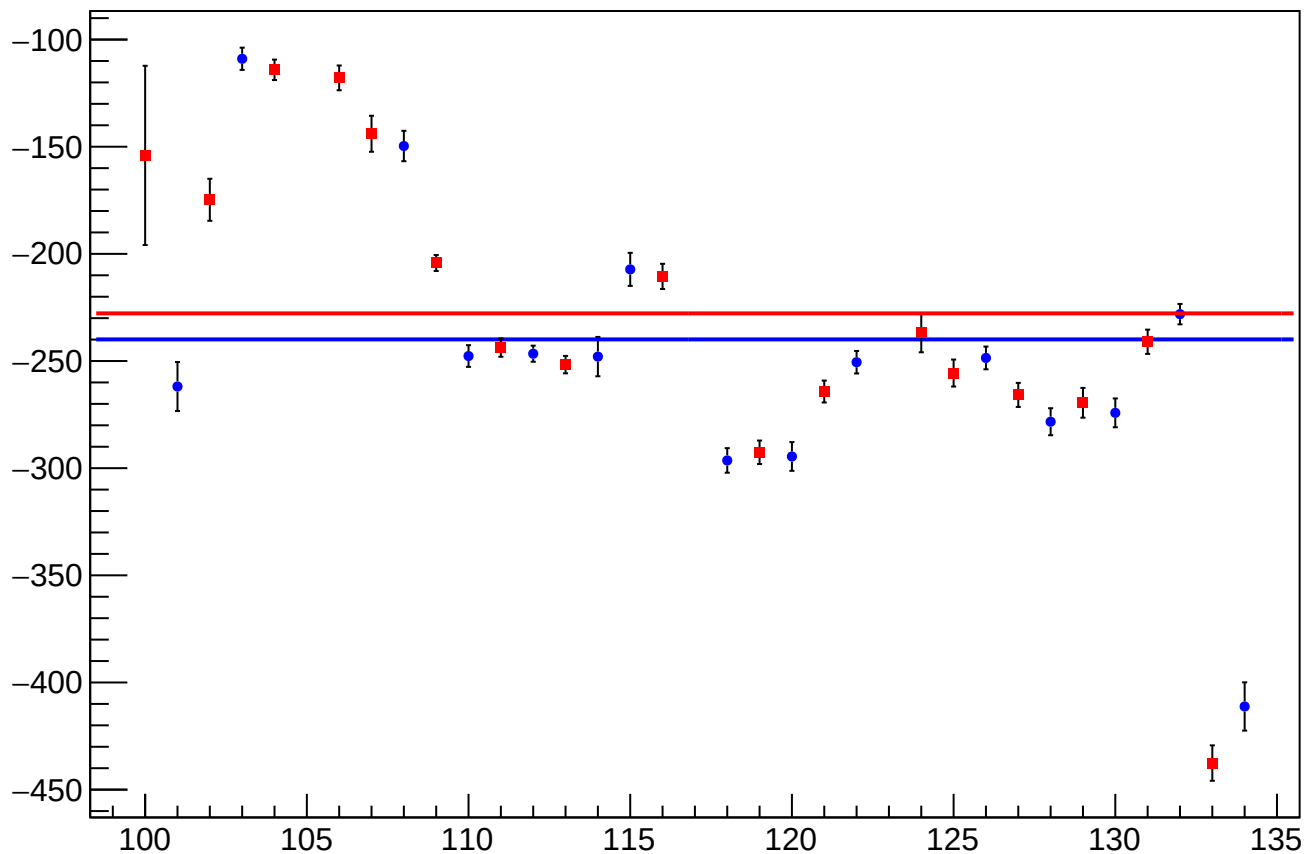
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 89.915 $\pm$ 0.052 χ^2 /NDF: 544936.6/31

- 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: -227.774 $\pm$ 1.383 χ^2 /NDF: 2100.3/16

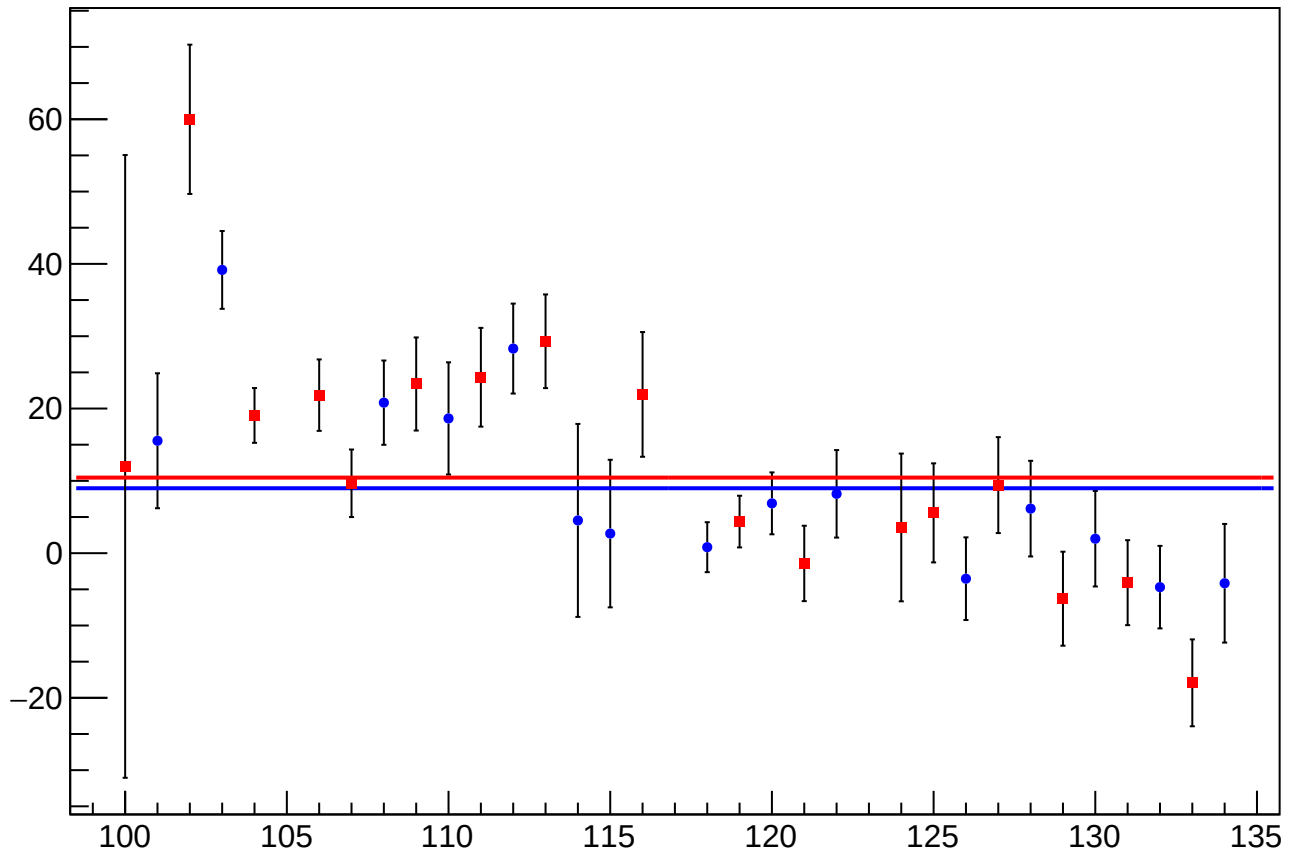
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -233.237 $\pm$ 1.026 χ^2 /NDF: 3434.3/31

- 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+/-1.541 χ^2/NDF : 68.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.450+/-1.416 χ^2/NDF : 96.1/16

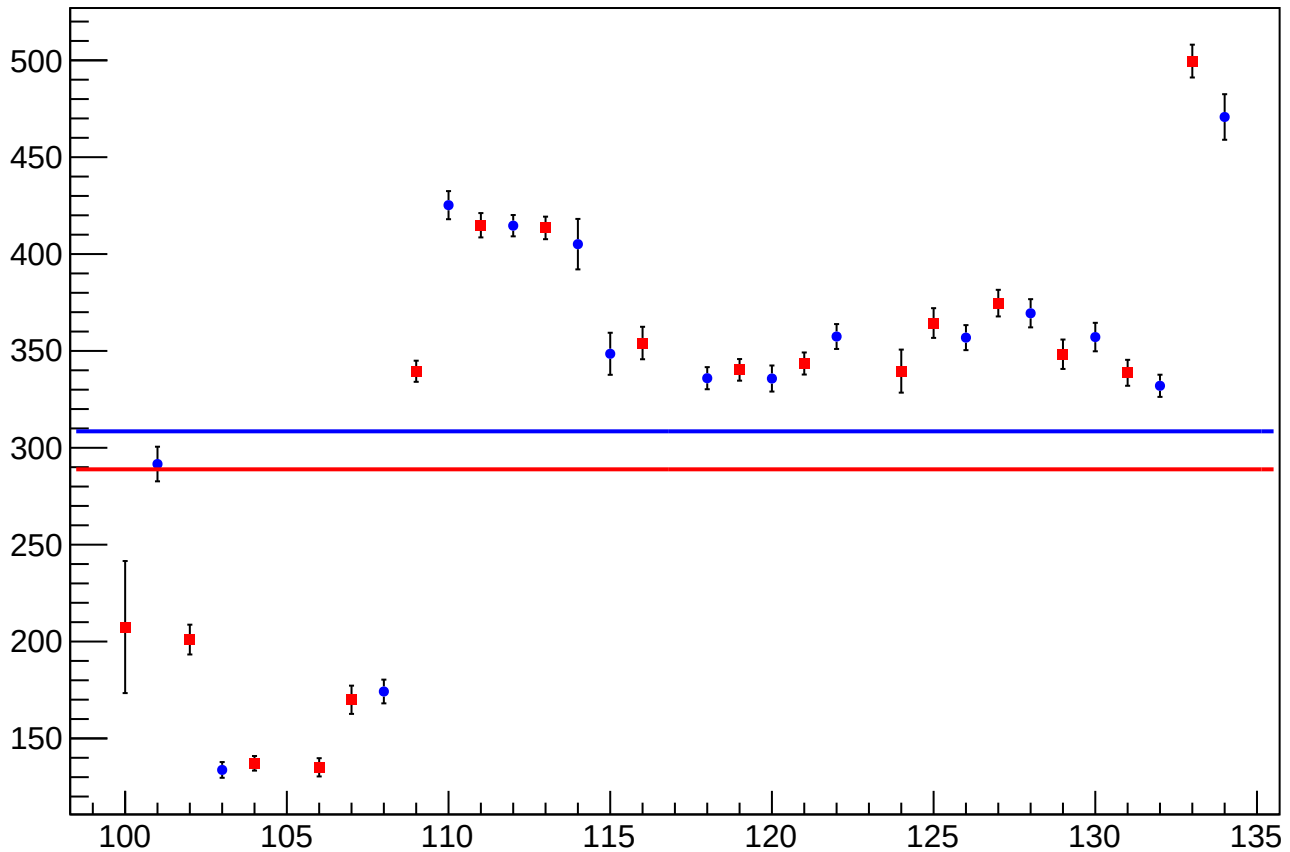
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.777+/-1.043 χ^2/NDF : 164.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 308.503+/-1.709 χ^2/NDF : 3506.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 288.888+/-1.547 χ^2/NDF : 5286.1/16

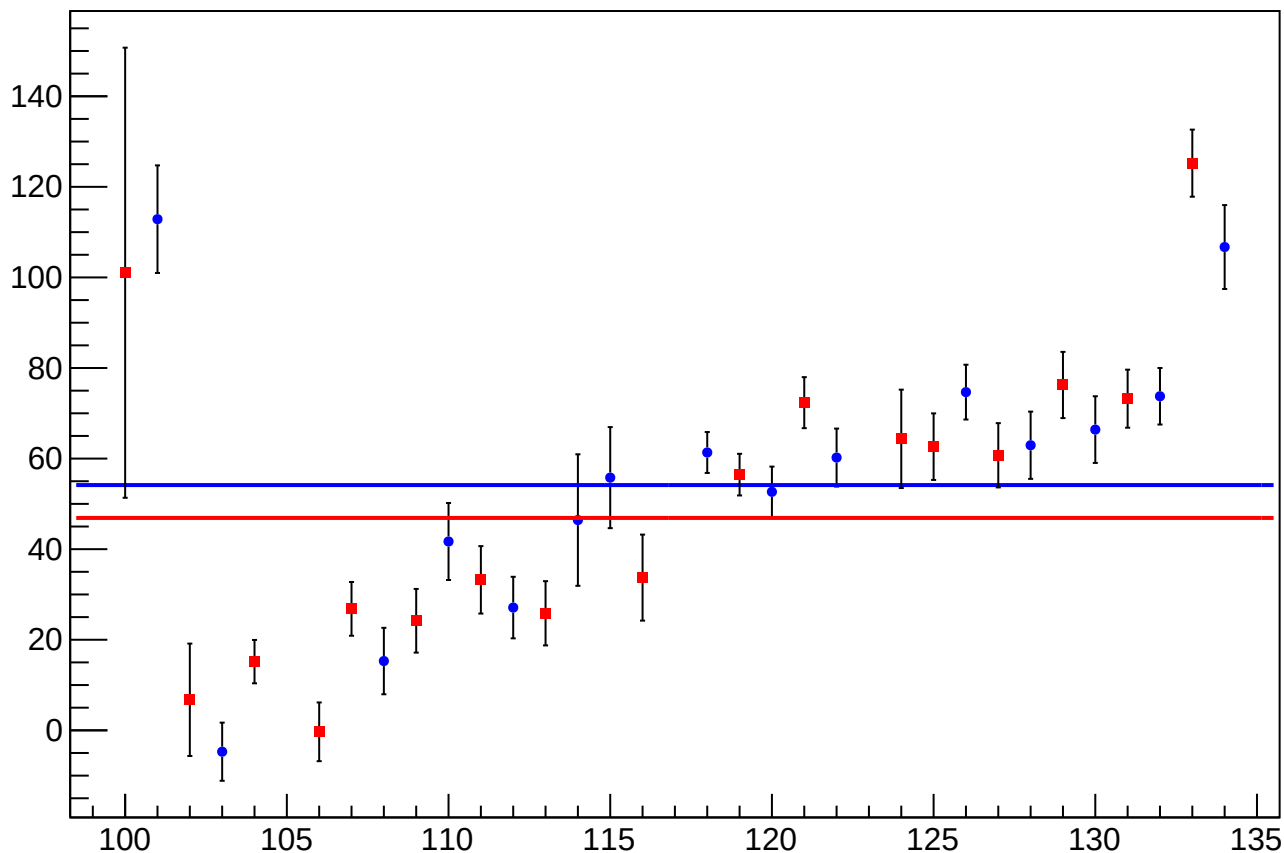
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 297.722+/-1.147 χ^2/NDF : 8864.5/31

- sign 0.000+/-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: 46.896+/-1.669 χ^2/NDF : 325.2/16

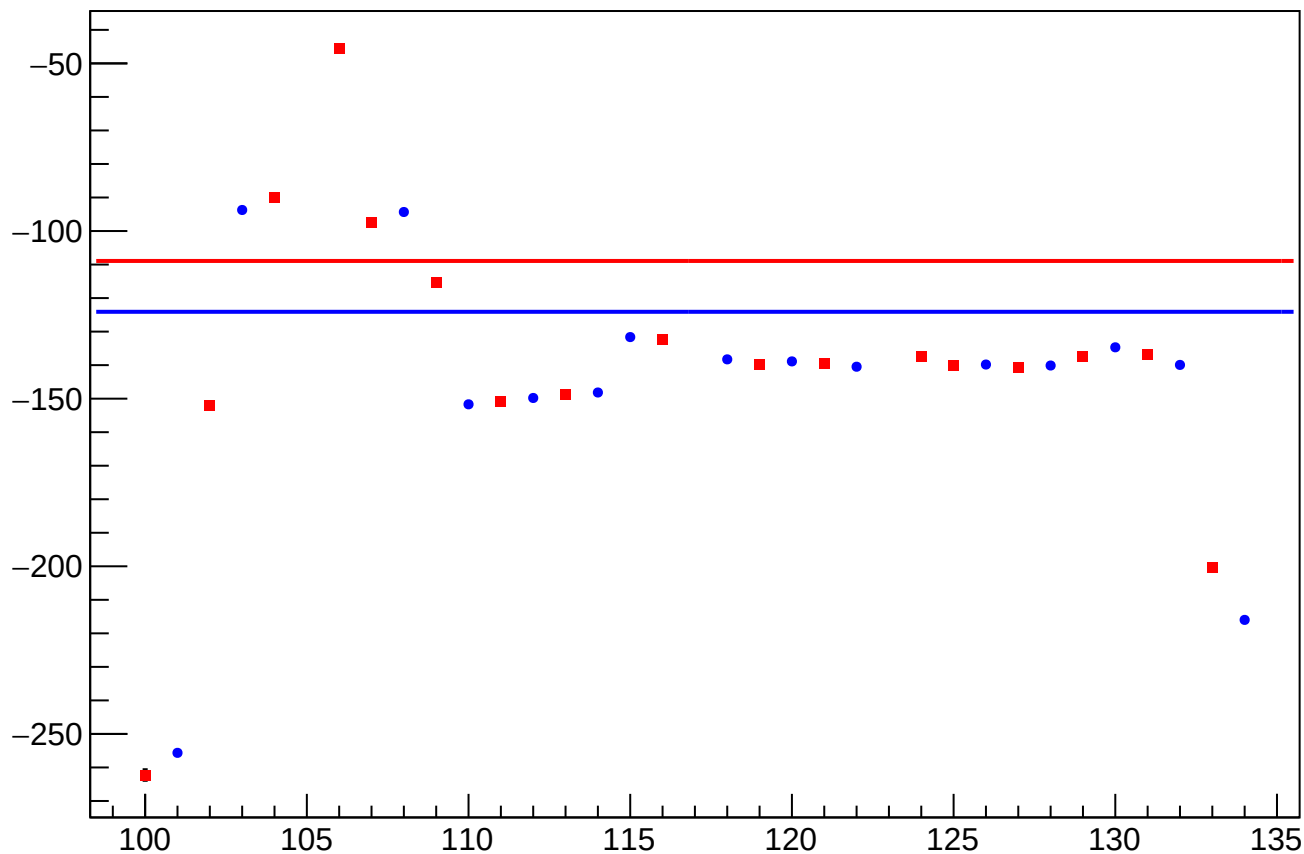
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.230+/-1.227 χ^2/NDF : 550.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -124.090 ± 0.102 $\chi^2/\text{NDF}: 156775.7/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -108.925 ± 0.093 $\chi^2/\text{NDF}: 171063.0/16$

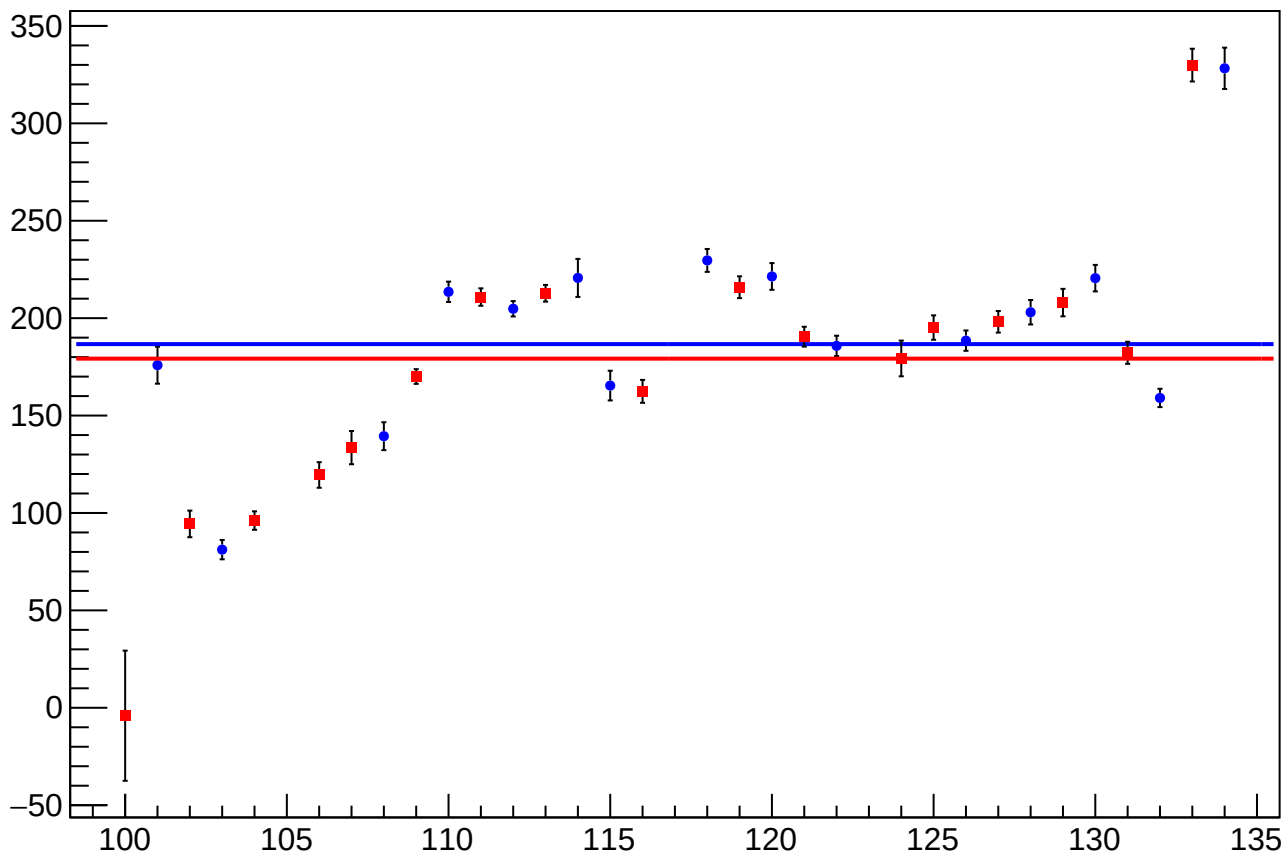
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -115.823 ± 0.069 $\chi^2/\text{NDF}: 339820.6/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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: 179.226 $\pm$ 1.396 χ^2 /NDF: 1133.2/16

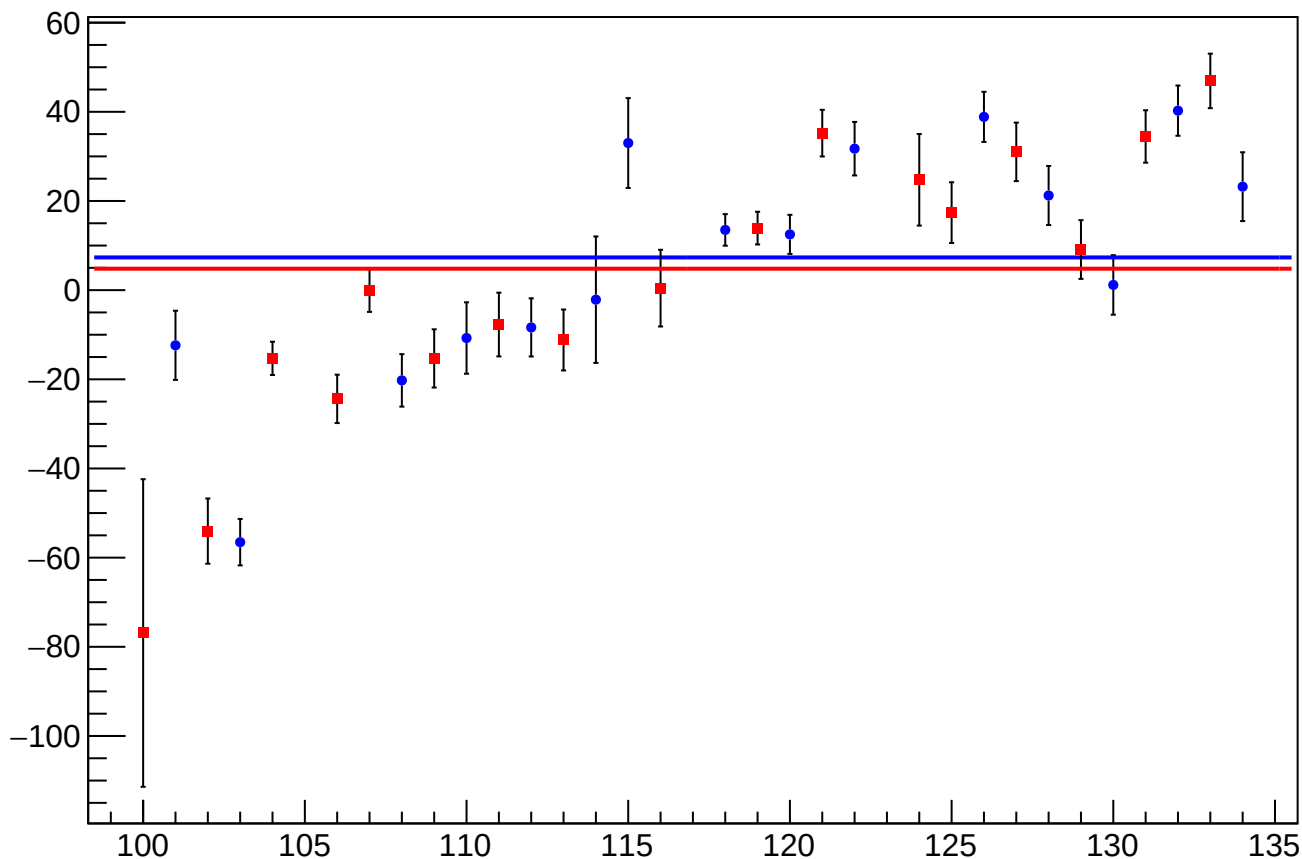
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 182.599 $\pm$ 1.033 χ^2 /NDF: 2032.4/31

- 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 ± 1.542 $\chi^2/\text{NDF}: 292.3/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 4.812 ± 1.426 $\chi^2/\text{NDF}: 284.3/16$

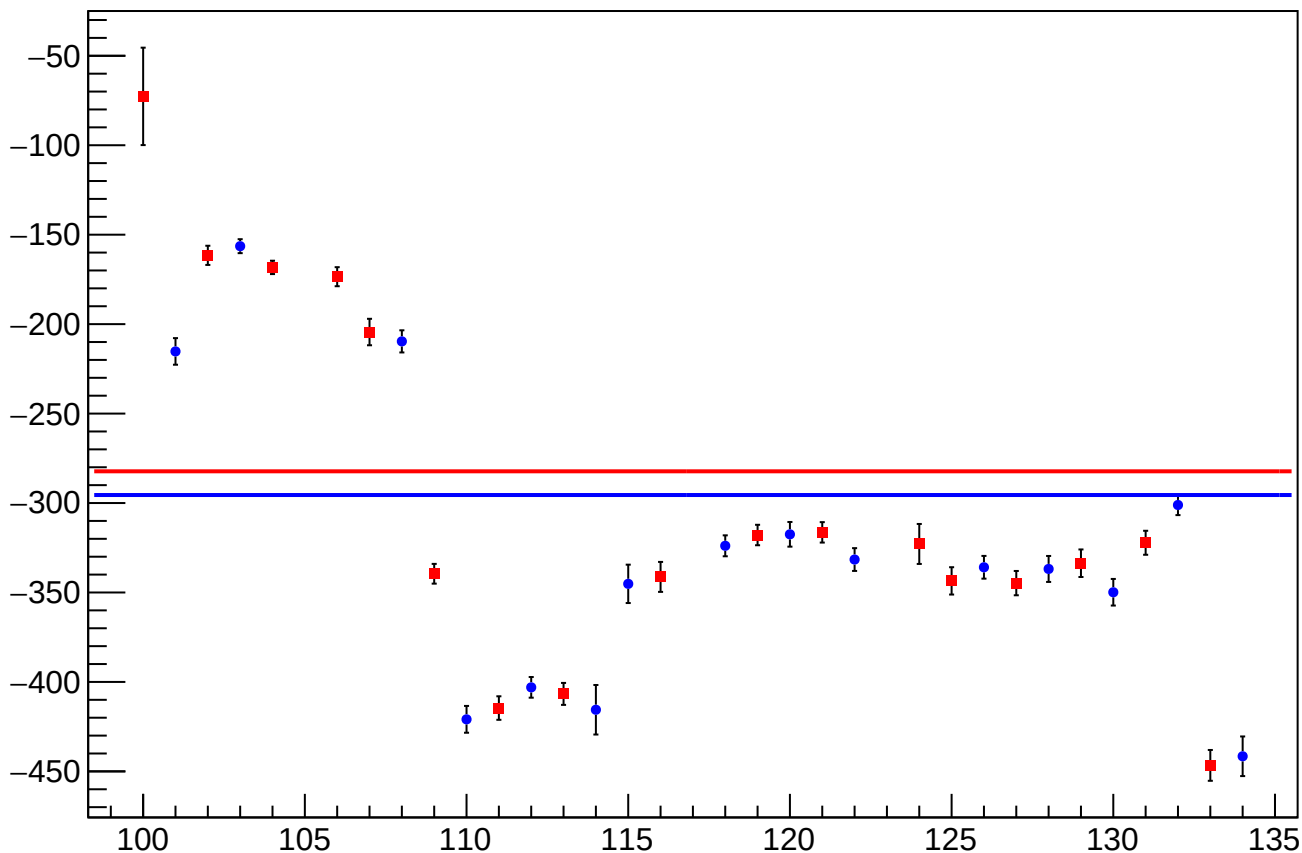
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 5.977 ± 1.047 $\chi^2/\text{NDF}: 578.0/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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: -282.268+/-1.545 χ^2/NDF : 3680.1/16

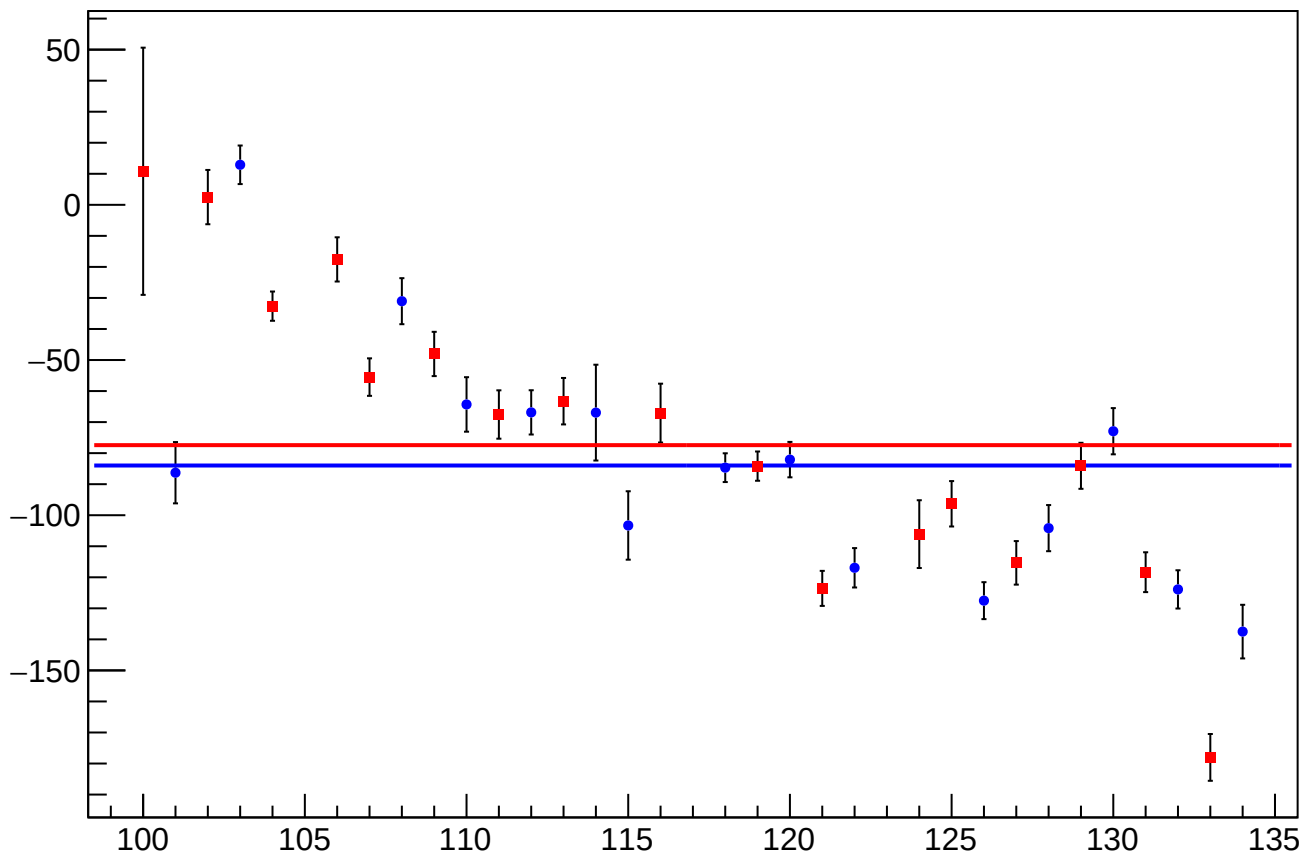
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -288.279+/-1.142 χ^2/NDF : 6382.7/31

- 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 χ^2/NDF : 479.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -77.424 ± 1.679 χ^2/NDF : 616.9/16

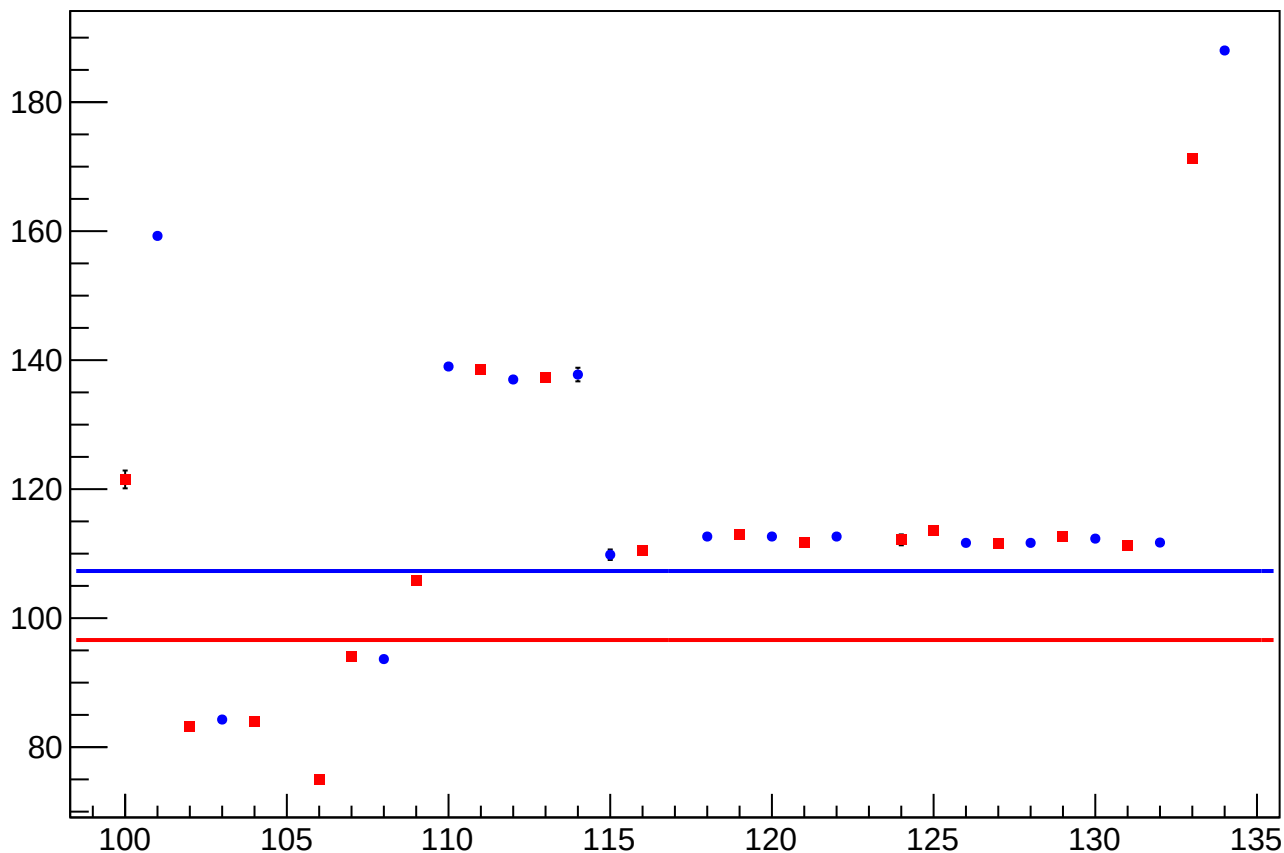
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -80.461 ± 1.231 χ^2/NDF : 1103.8/31

- sign 0.000 ± 0.000 χ^2/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: 96.607+/-0.091 χ^2/NDF : 51120.2/16

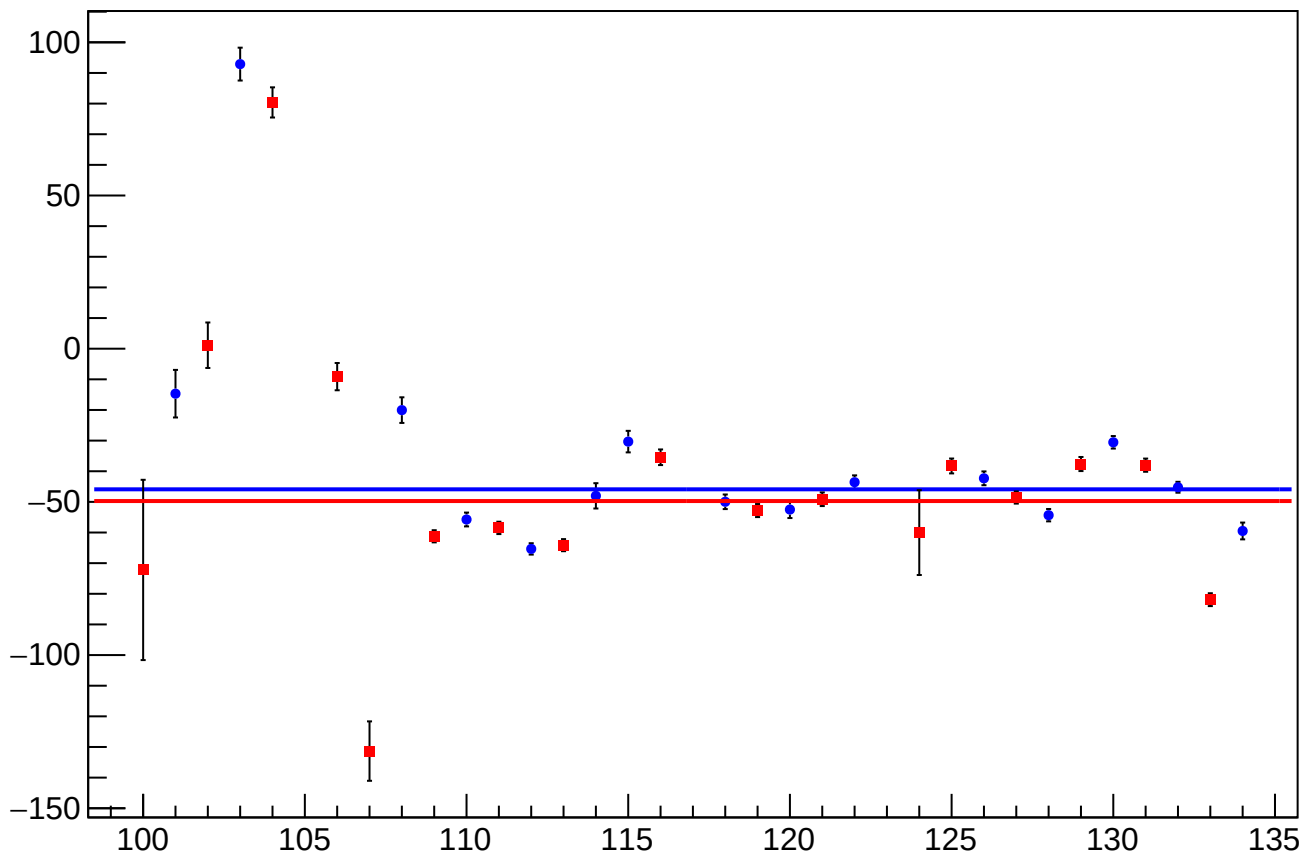
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.454+/-0.067 χ^2/NDF : 136672.5/31

- 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 χ^2/NDF : 983.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -49.728 ± 0.630 χ^2/NDF : 1354.8/16

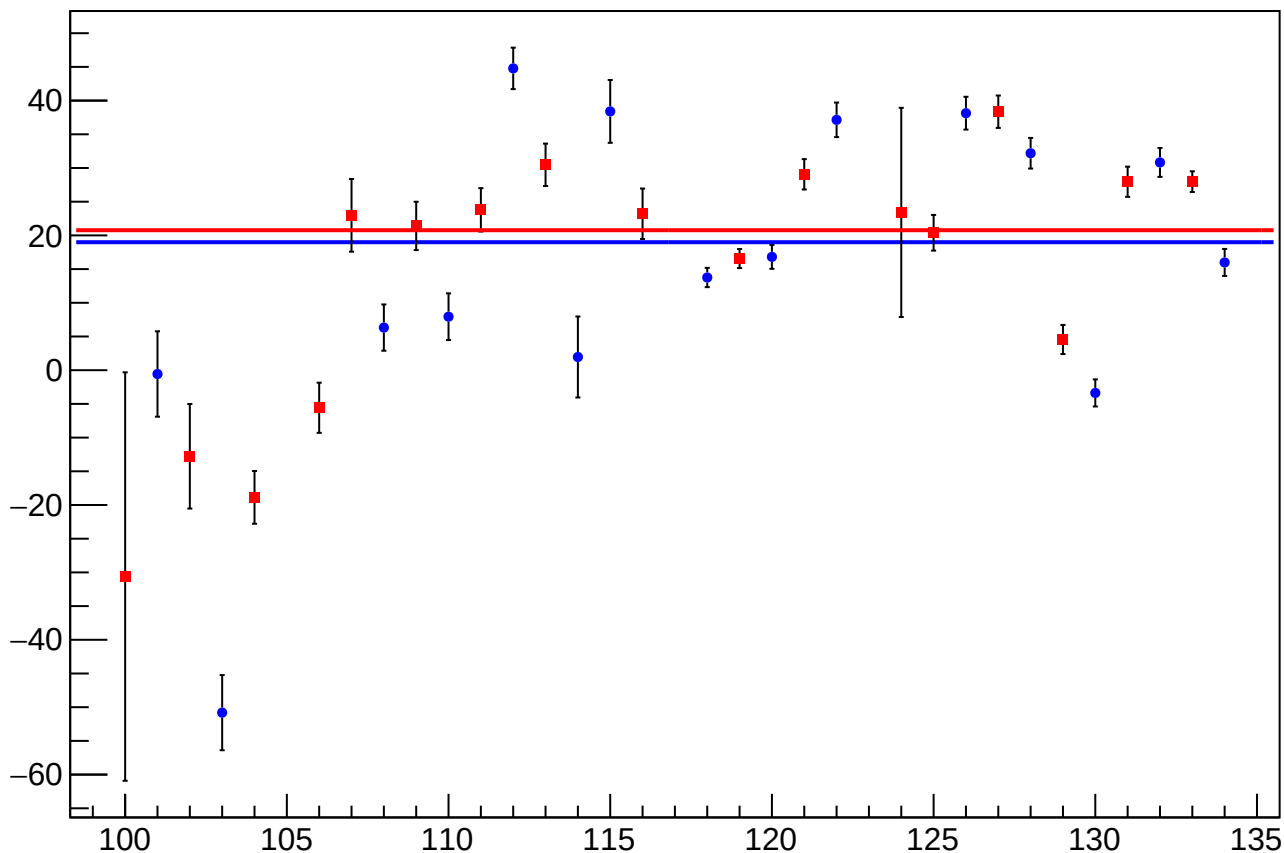
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -47.870 ± 0.452 χ^2/NDF : 2356.2/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.991+/-0.640 χ^2/NDF : 603.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.768+/-0.647 χ^2/NDF : 349.8/16

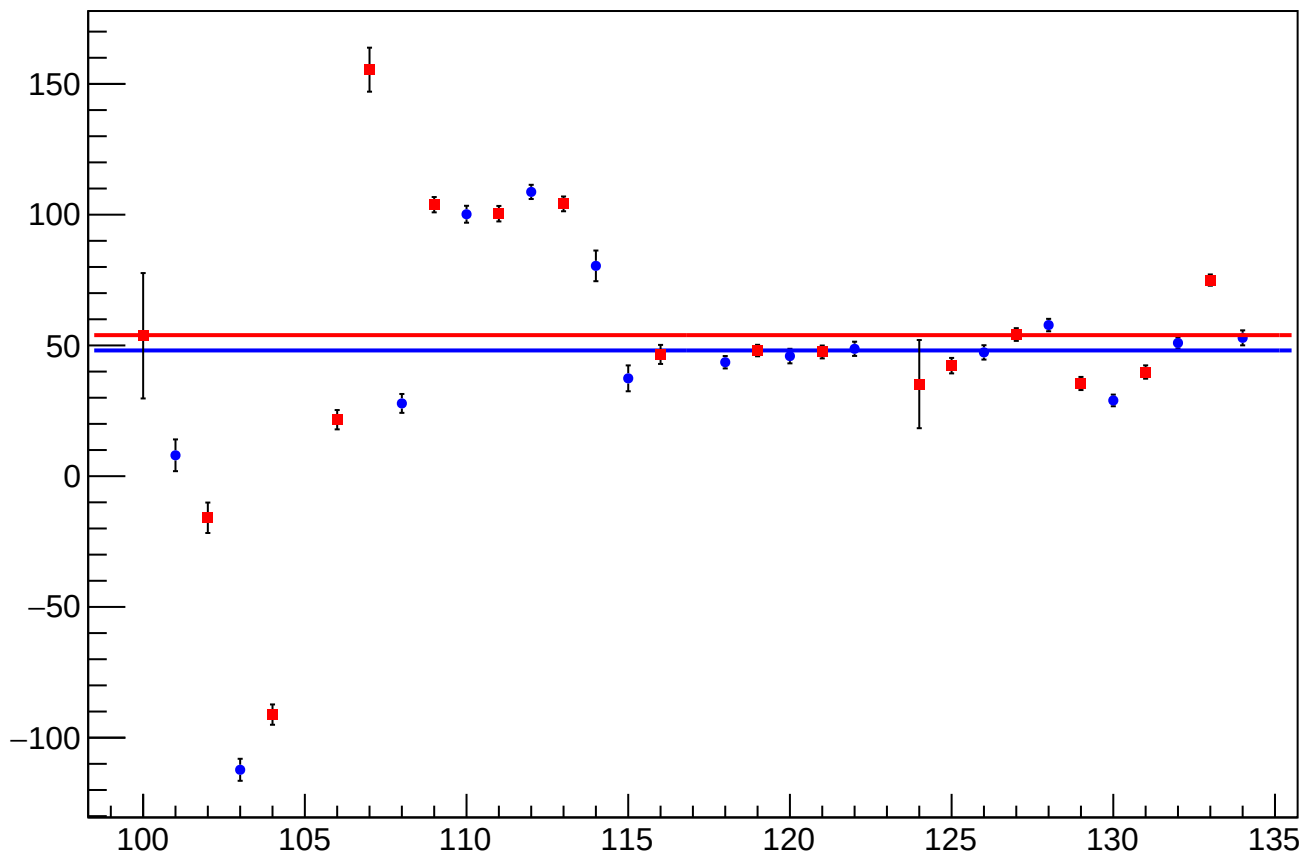
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.870+/-0.455 χ^2/NDF : 956.7/31

- sign 0.000+/-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: 53.935 $\pm$ 0.744 χ^2 /NDF: 2828.3/16

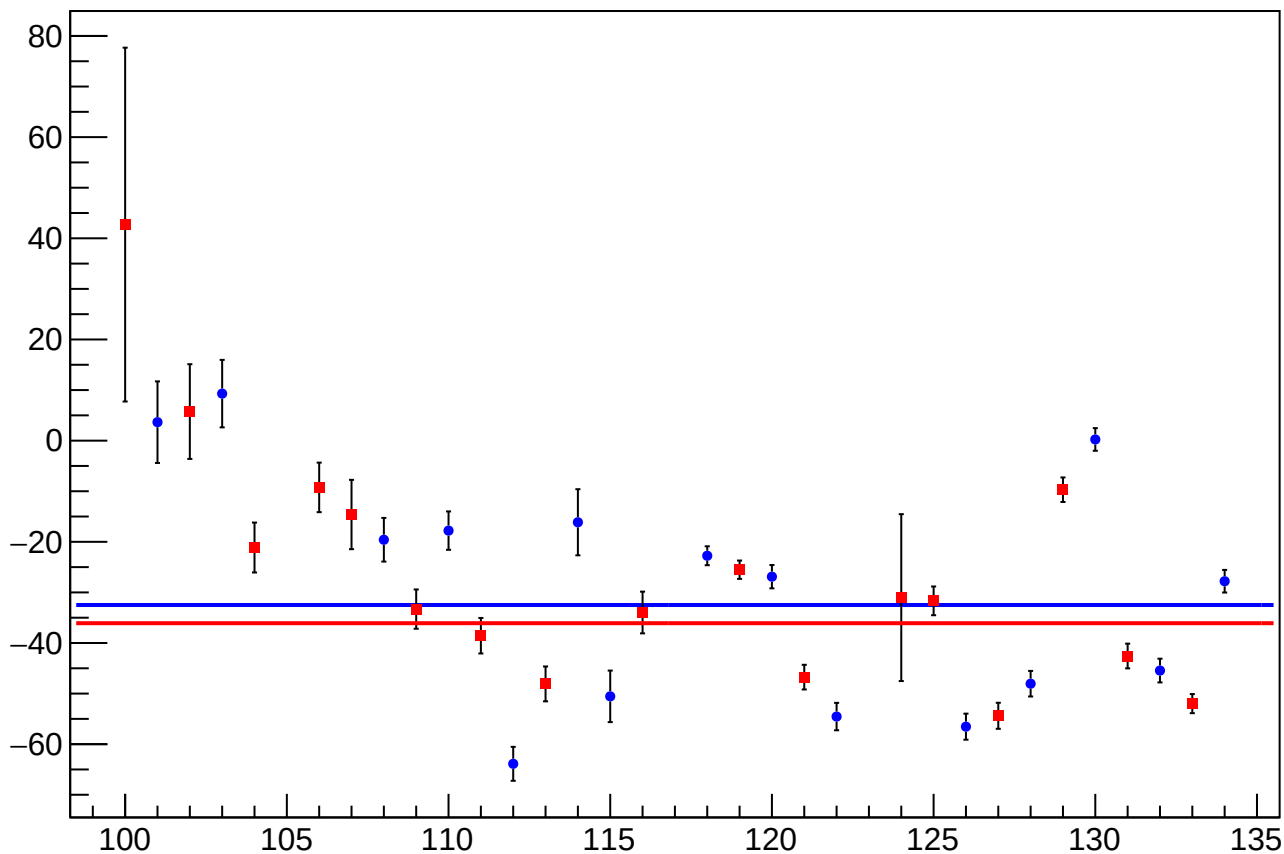
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 51.050 $\pm$ 0.530 χ^2 /NDF: 5277.4/31

- 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: -36.085 ± 0.751 χ^2/NDF : 389.7/16

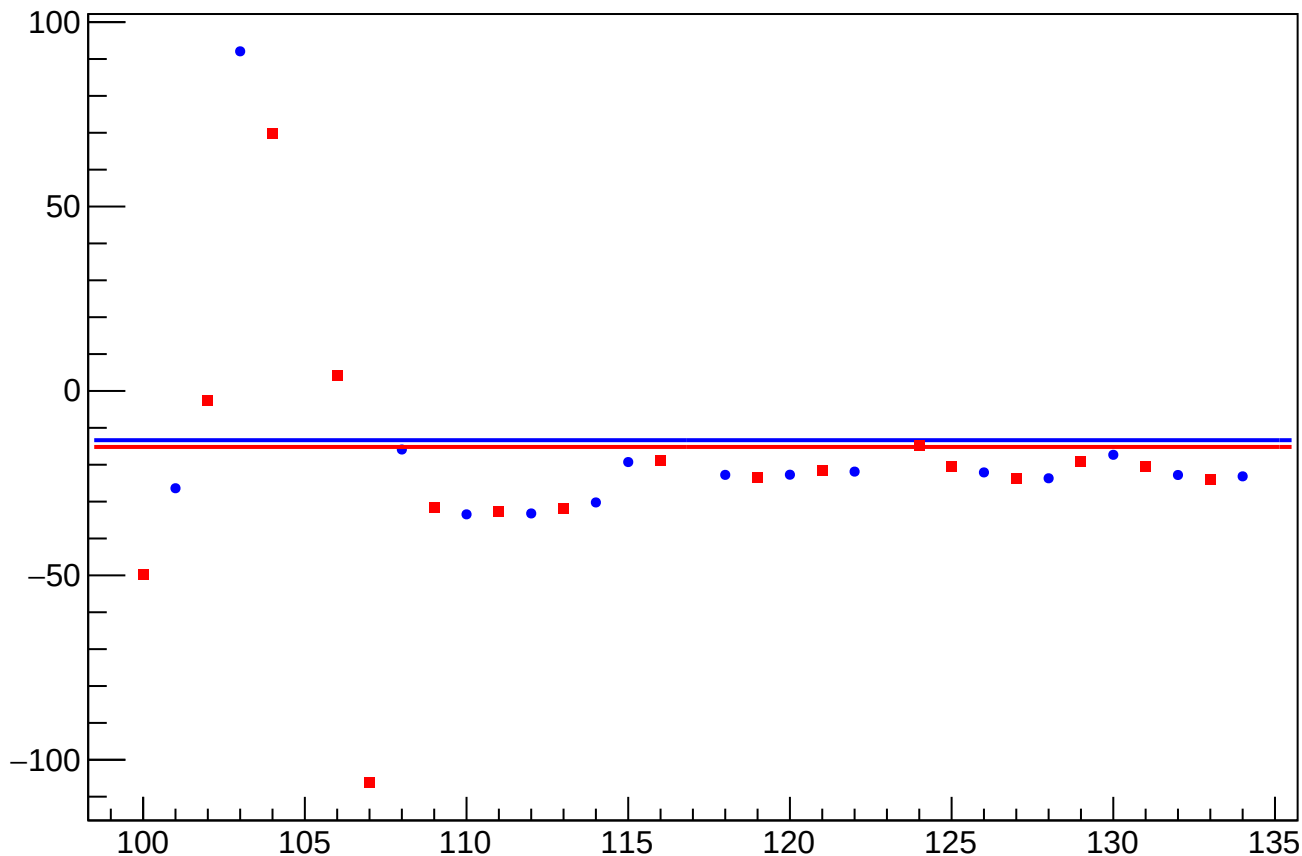
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.268 ± 0.528 χ^2/NDF : 1064.0/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -13.348 $\pm$ 0.050 χ^2 /NDF: 395713.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -15.183 $\pm$ 0.053 χ^2 /NDF: 320268.8/16

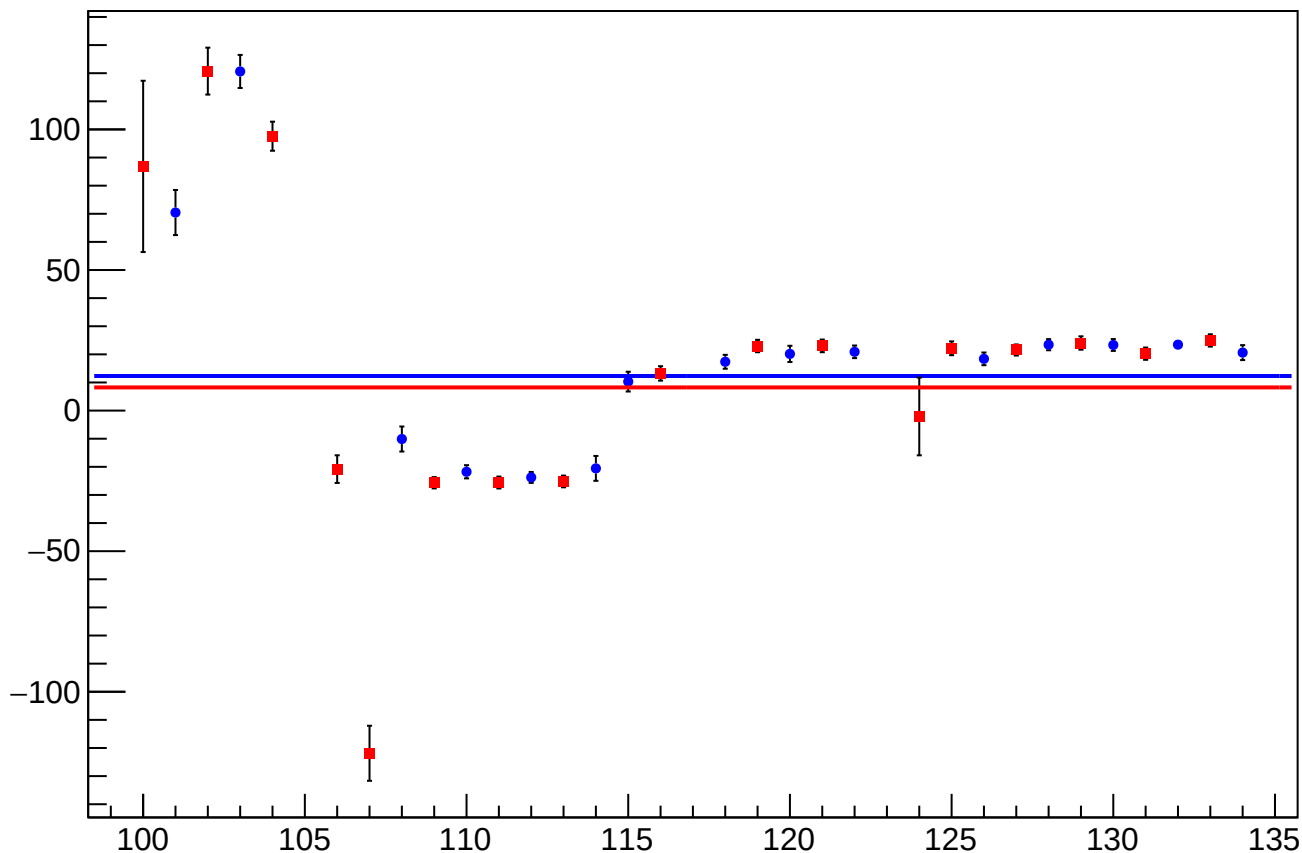
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.214 $\pm$ 0.037 χ^2 /NDF: 716611.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /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: 8.241 $\pm$ 0.647 χ^2 /NDF: 1800.7/16

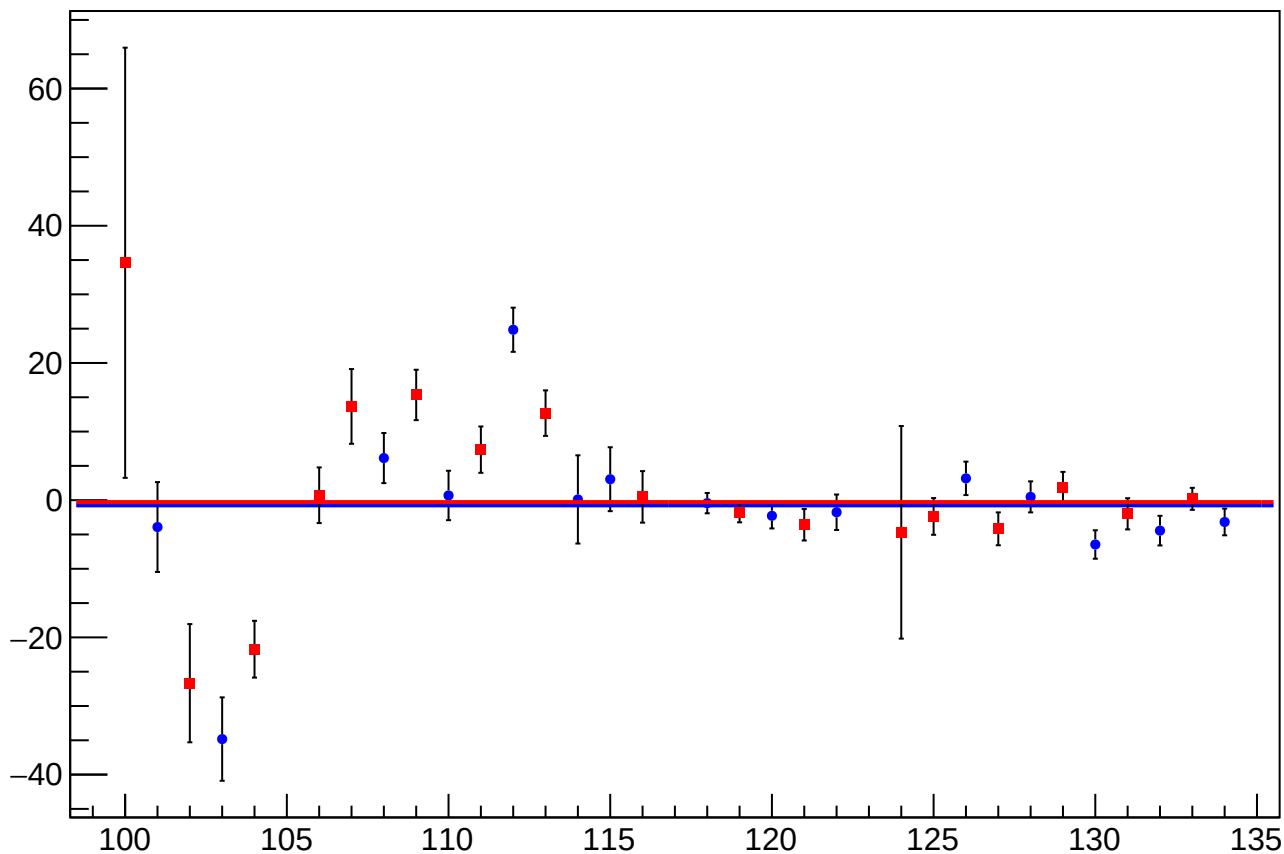
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.228 $\pm$ 0.463 χ^2 /NDF: 2987.5/31

- 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: -0.276 ± 0.667 χ^2/NDF : 90.7/16

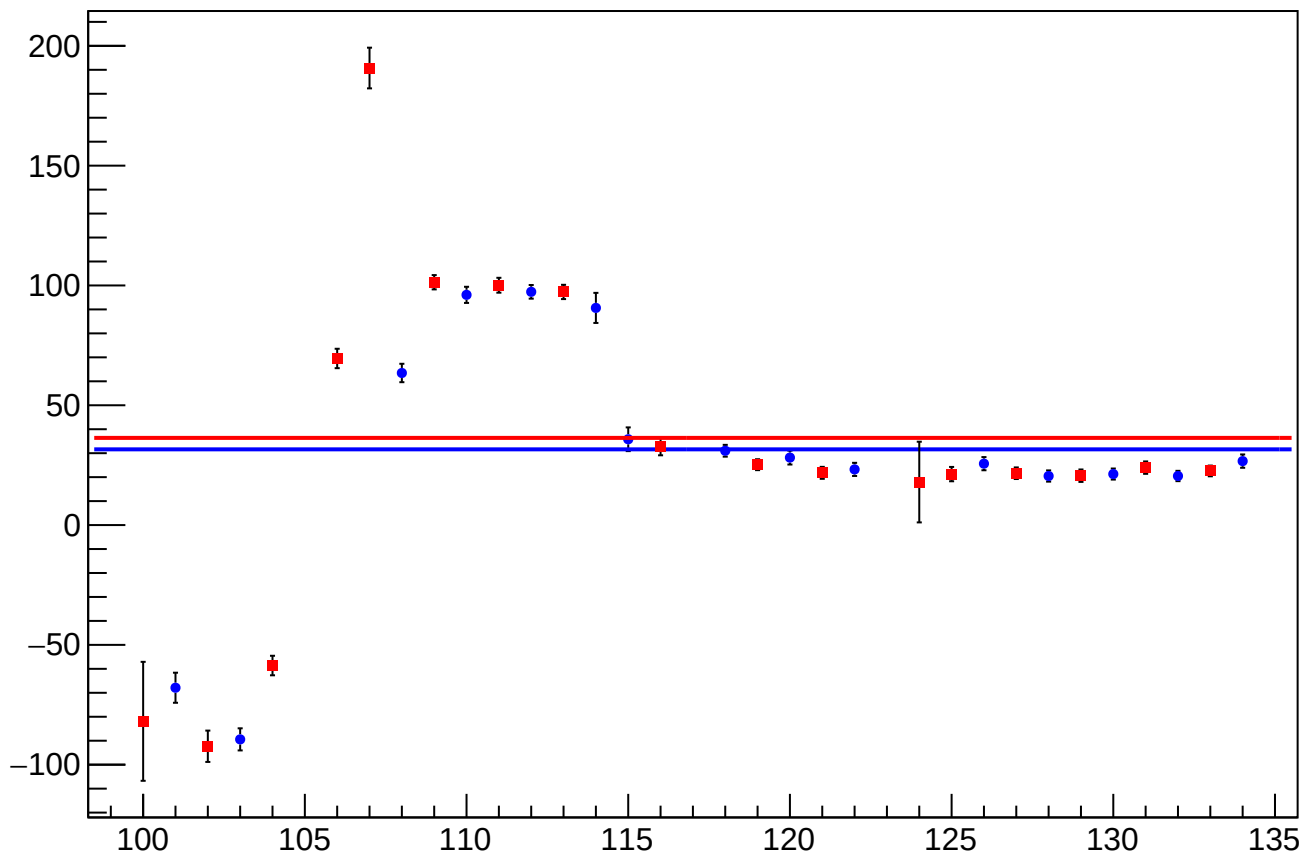
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.521 ± 0.467 χ^2/NDF : 206.0/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 31.600 $\pm$ 0.771 χ^2/NDF : 2085.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 36.383 $\pm$ 0.767 χ^2/NDF : 2883.5/16

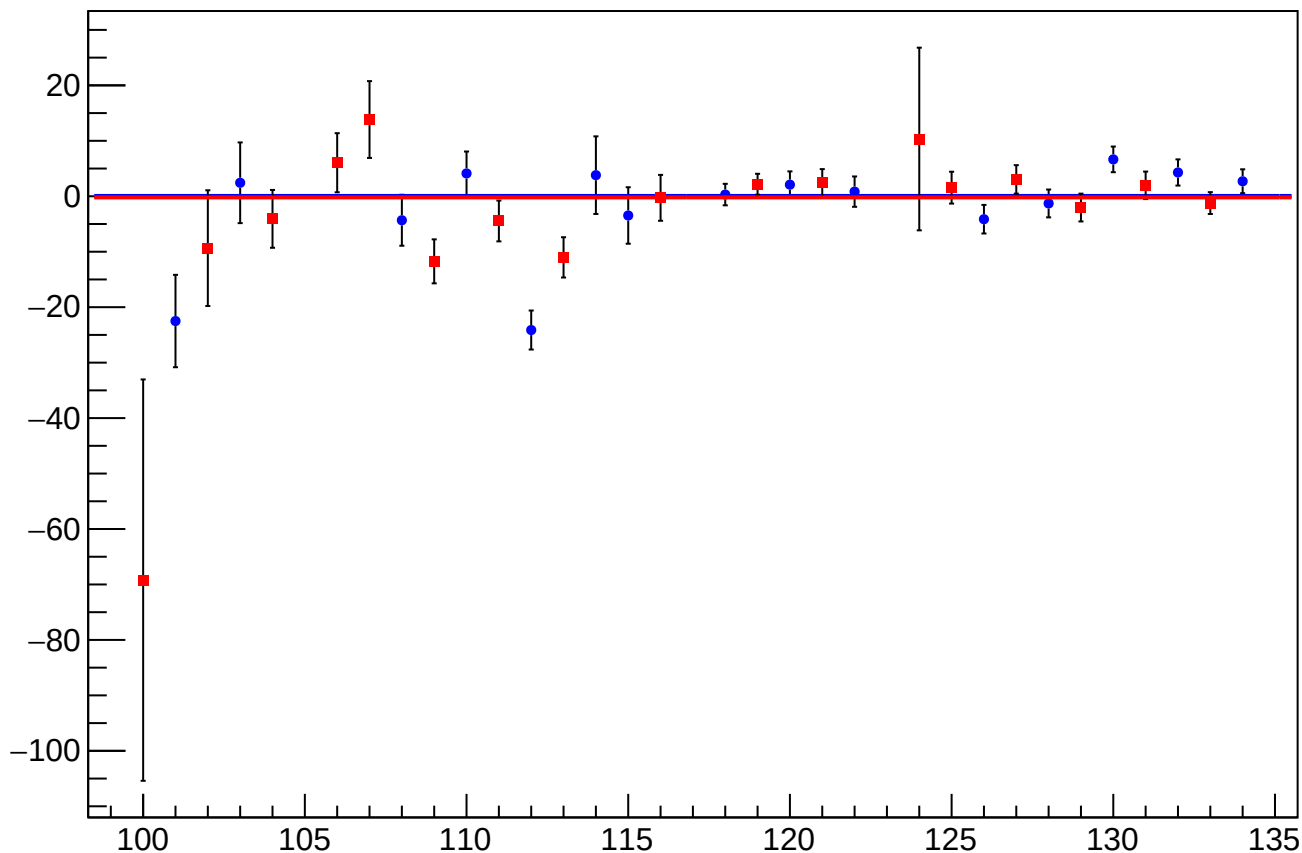
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 34.004 $\pm$ 0.544 χ^2/NDF : 4987.9/31

- sign 0.000 $\pm$ 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: -0.205 $\pm$ 0.773 χ^2 /NDF: 35.7/16

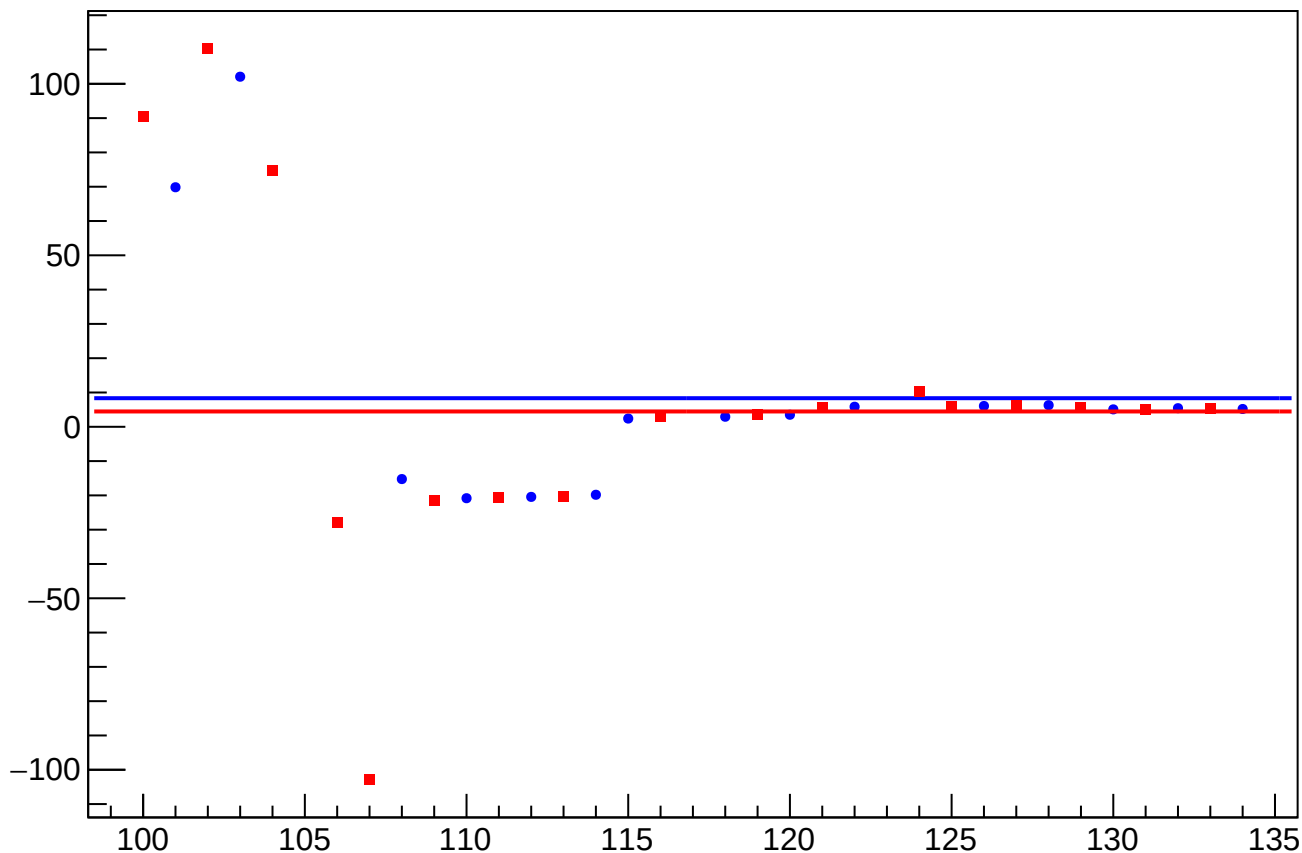
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.071 $\pm$ 0.540 χ^2 /NDF: 109.8/31

- 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 ± 0.051 χ^2/NDF : 318038.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 4.470 ± 0.055 χ^2/NDF : 434460.4/16

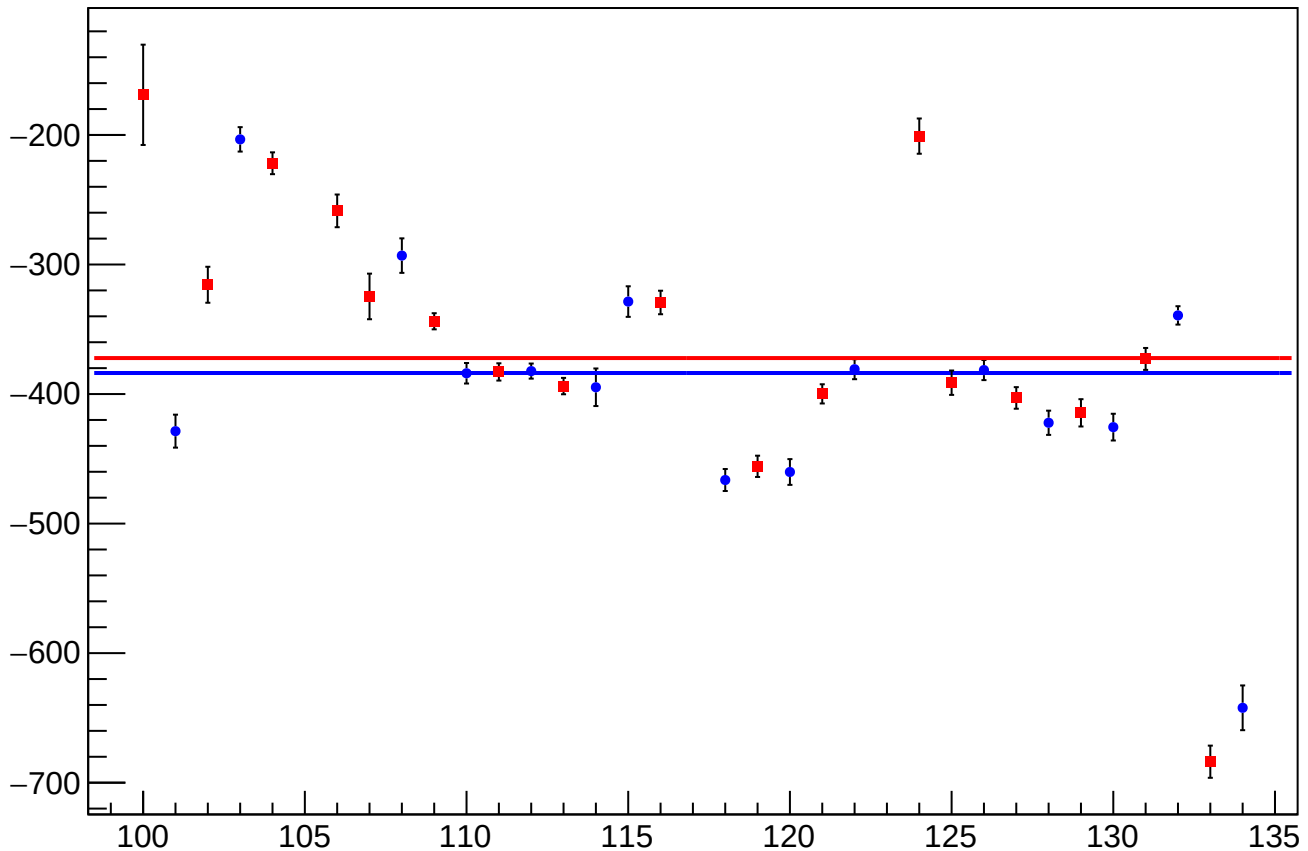
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 6.556 ± 0.037 χ^2/NDF : 755141.9/31

- sign 0.000 ± 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: -372.219+/-2.190 χ^2/NDF : 1448.0/16

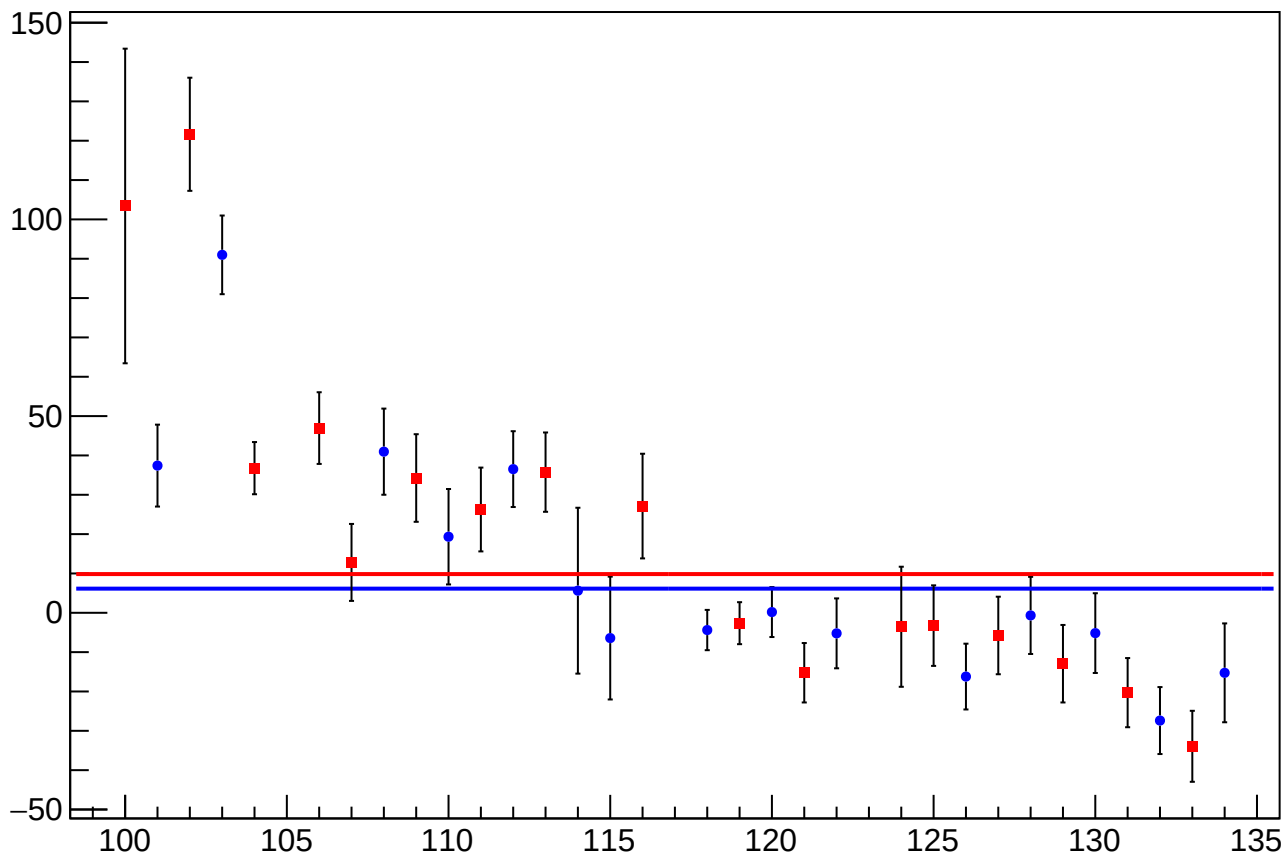
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -377.594+/-1.601 χ^2/NDF : 2358.5/31

- 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: 9.843+/-2.262 χ^2/NDF : 176.6/16

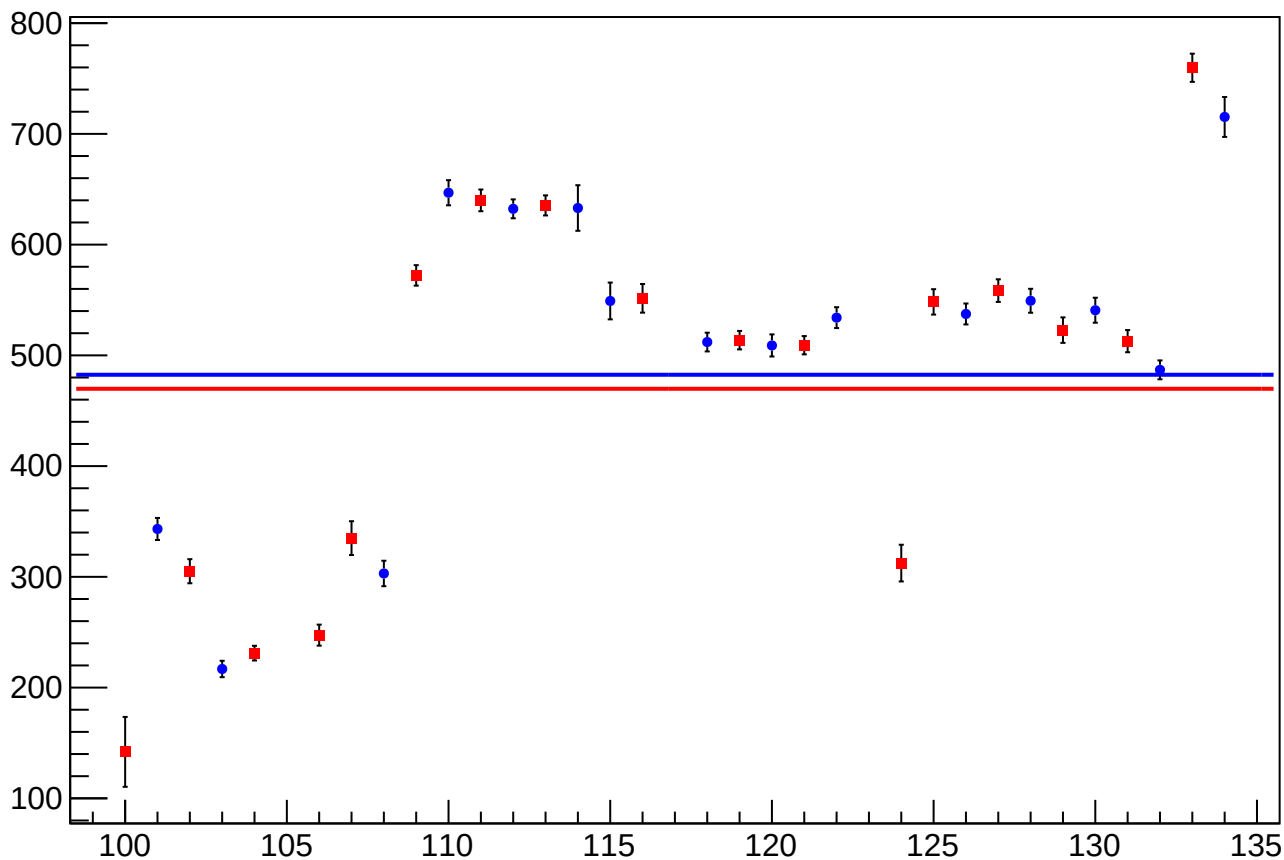
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.059+/-1.629 χ^2/NDF : 314.9/31

- 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: 469.831 $\pm$ 2.490 χ^2 /NDF: 3874.6/16

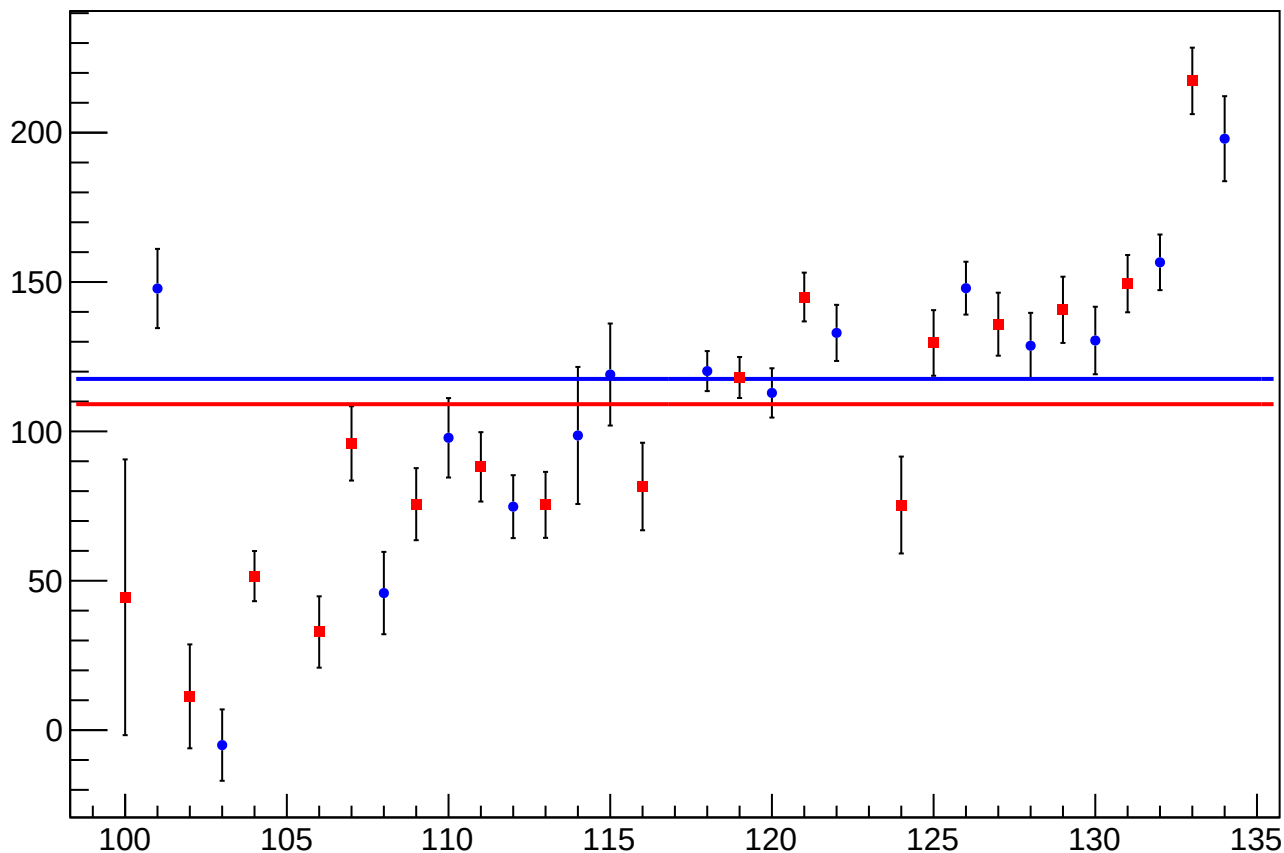
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 475.780 $\pm$ 1.812 χ^2 /NDF: 6518.0/31

- 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: 109.106 $\pm$ 2.645 χ^2 /NDF: 302.0/16

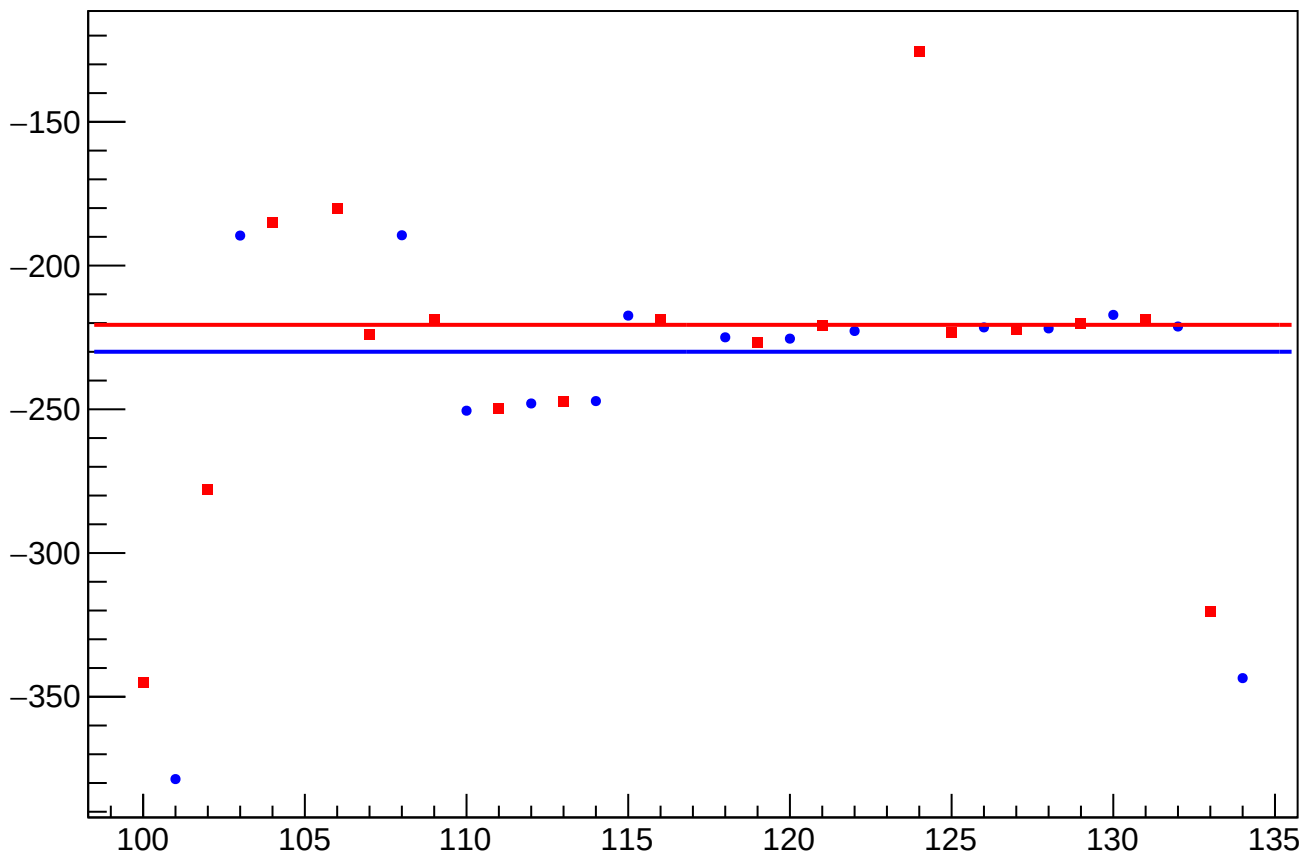
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 113.158 $\pm$ 1.909 χ^2 /NDF: 530.4/31

- 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 $\chi^2/\text{NDF}: 112695.3/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -220.618 ± 0.159 $\chi^2/\text{NDF}: 59451.8/16$

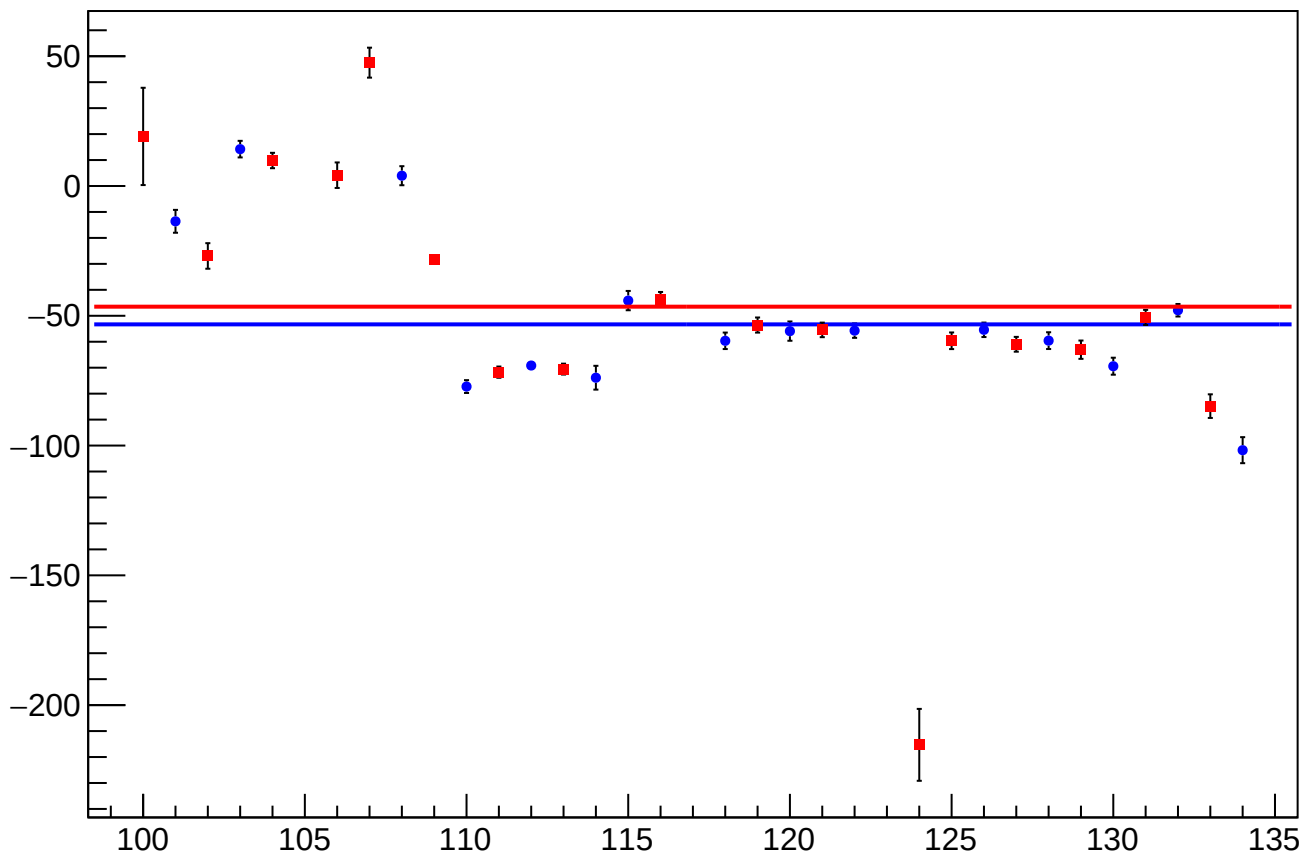
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -225.081 ± 0.115 $\chi^2/\text{NDF}: 173798.5/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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: -46.492 ± 0.717 χ^2/NDF : 1471.4/16

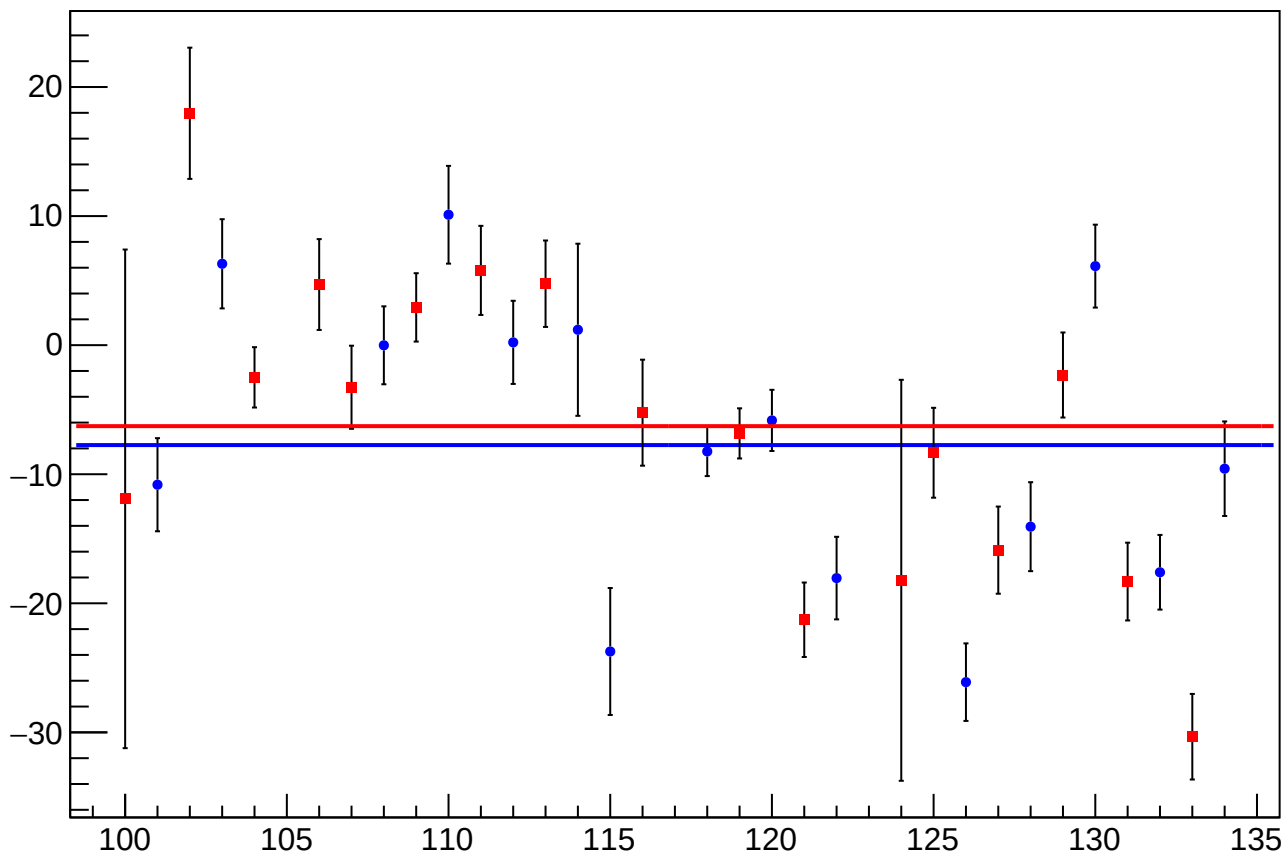
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -49.573 ± 0.531 χ^2/NDF : 2603.5/31

- 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: -6.275+/-0.783 χ^2/NDF : 177.5/16

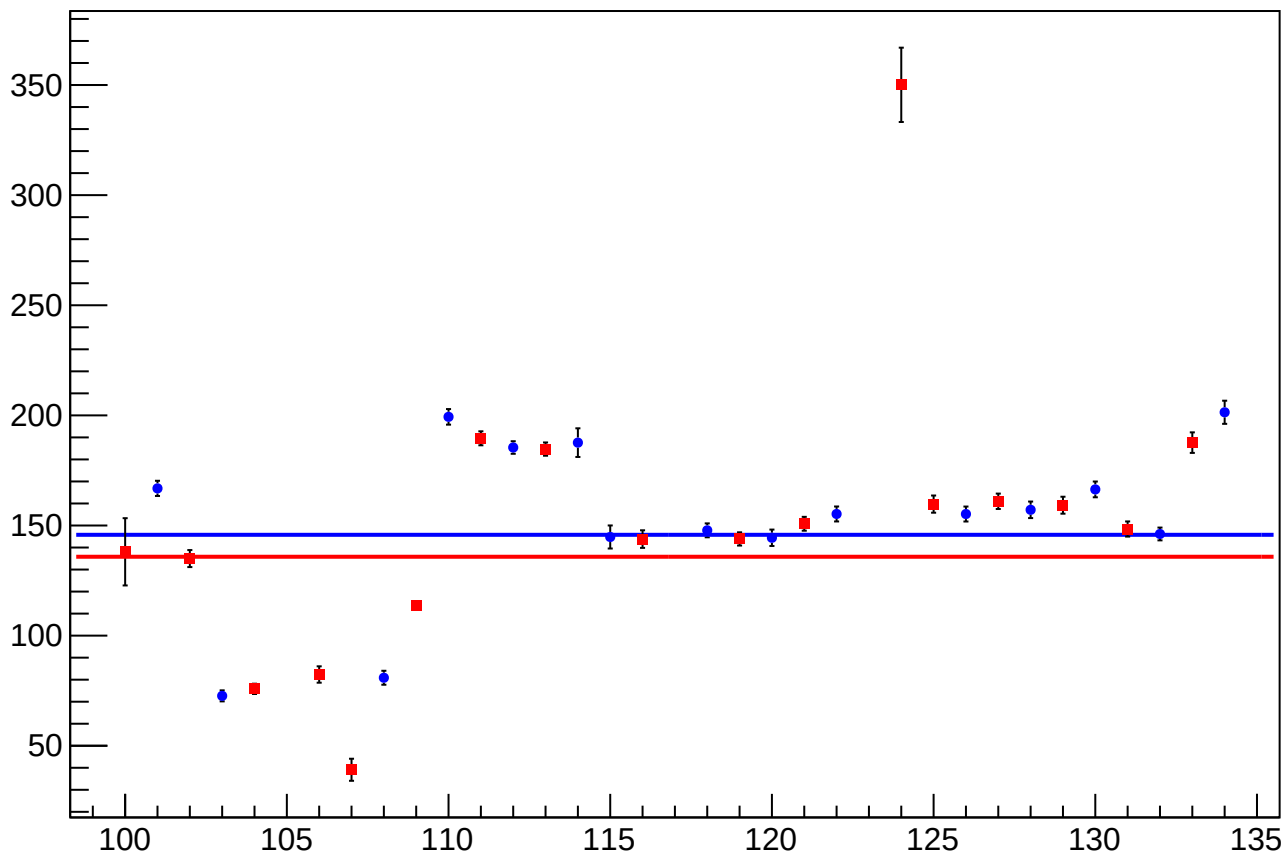
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.987+/-0.562 χ^2/NDF : 326.0/31

- 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: 135.815 $\pm$ 0.847 χ^2 /NDF: 2343.1/16

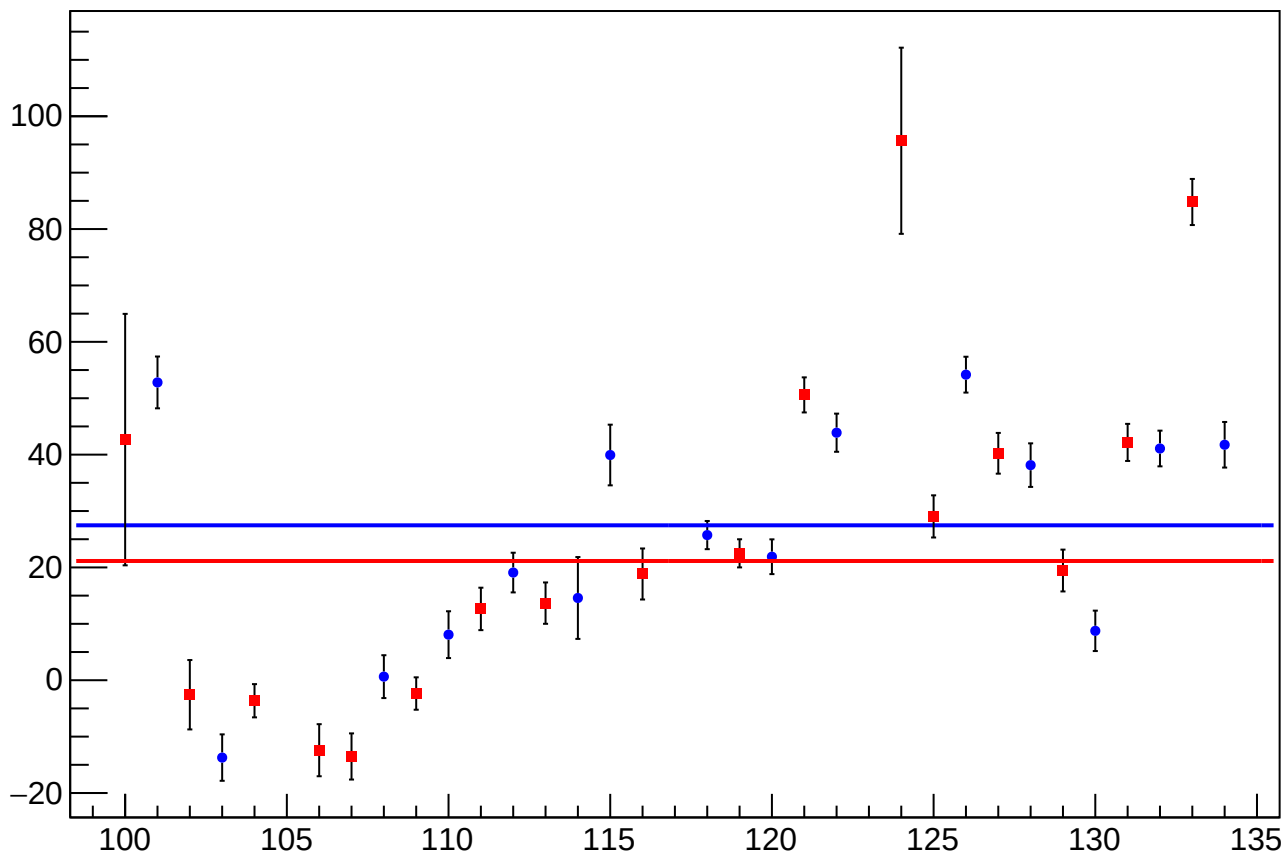
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 140.536 $\pm$ 0.614 χ^2 /NDF: 4351.6/31

- 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: 21.141 $\pm$ 0.910 χ^2 /NDF: 713.9/16

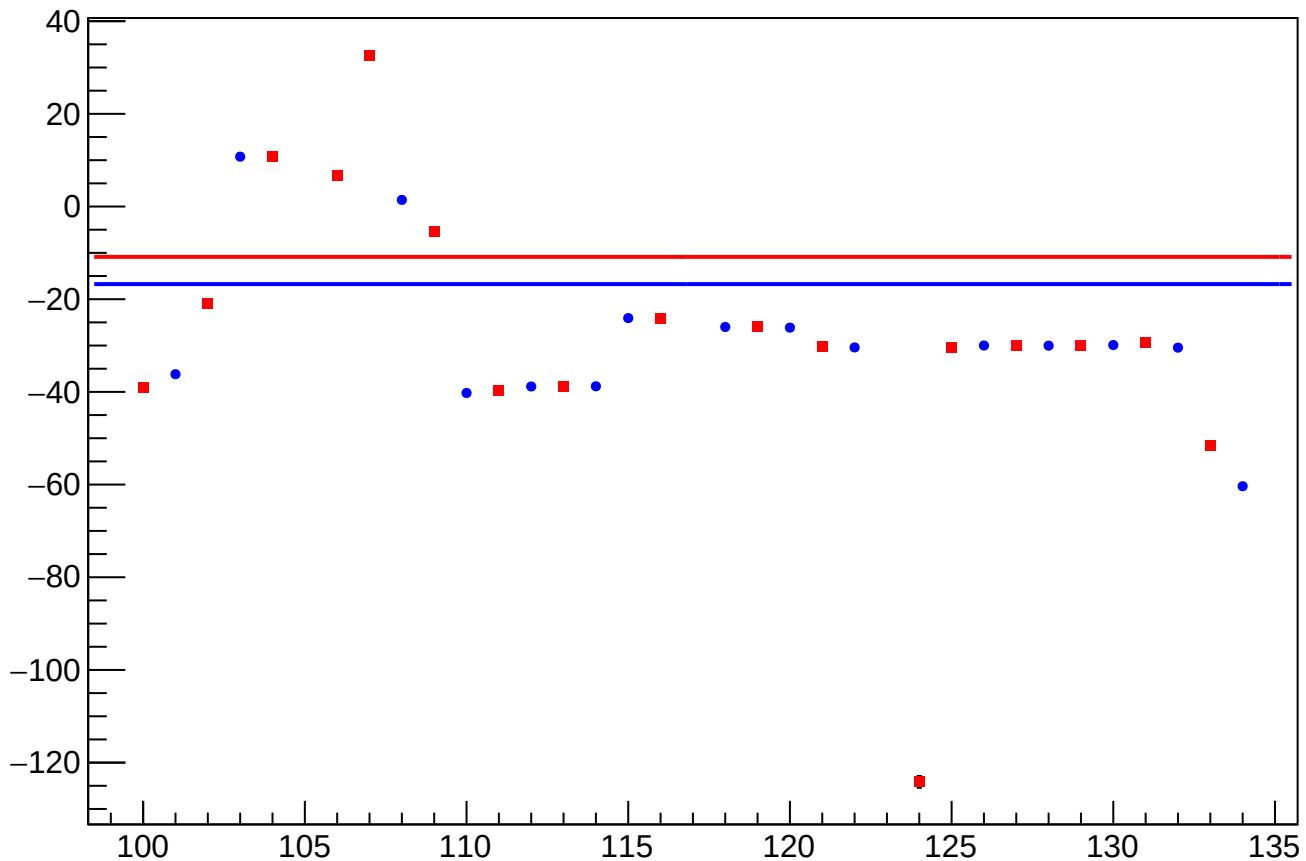
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.195 $\pm$ 0.655 χ^2 /NDF: 1117.4/31

- 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 χ^2/NDF : 179236.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -10.863 ± 0.054 χ^2/NDF : 175241.4/16

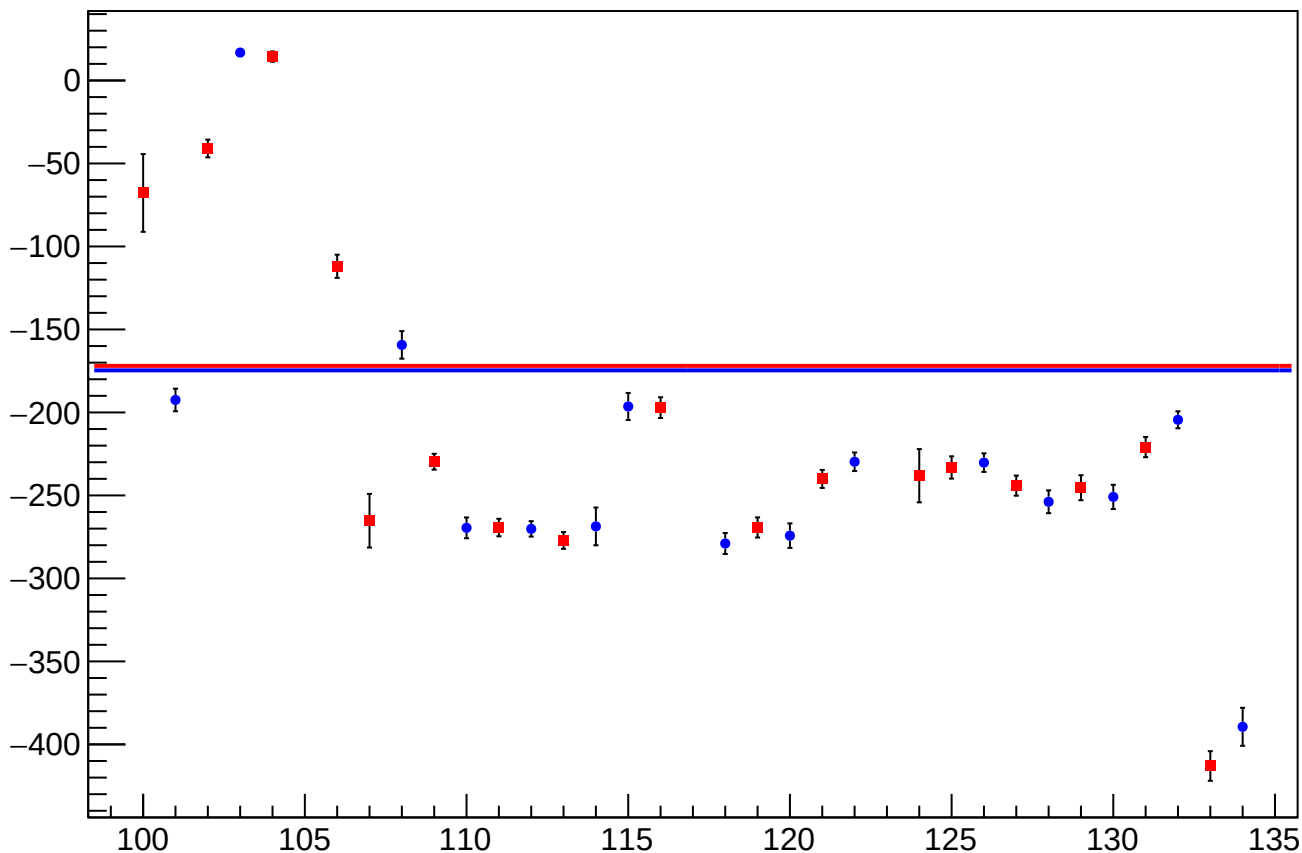
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.806 ± 0.038 χ^2/NDF : 360322.5/31

- sign 0.000 ± 0.000 χ^2/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: -171.941 ± 1.441 χ^2/NDF : 6821.0/16

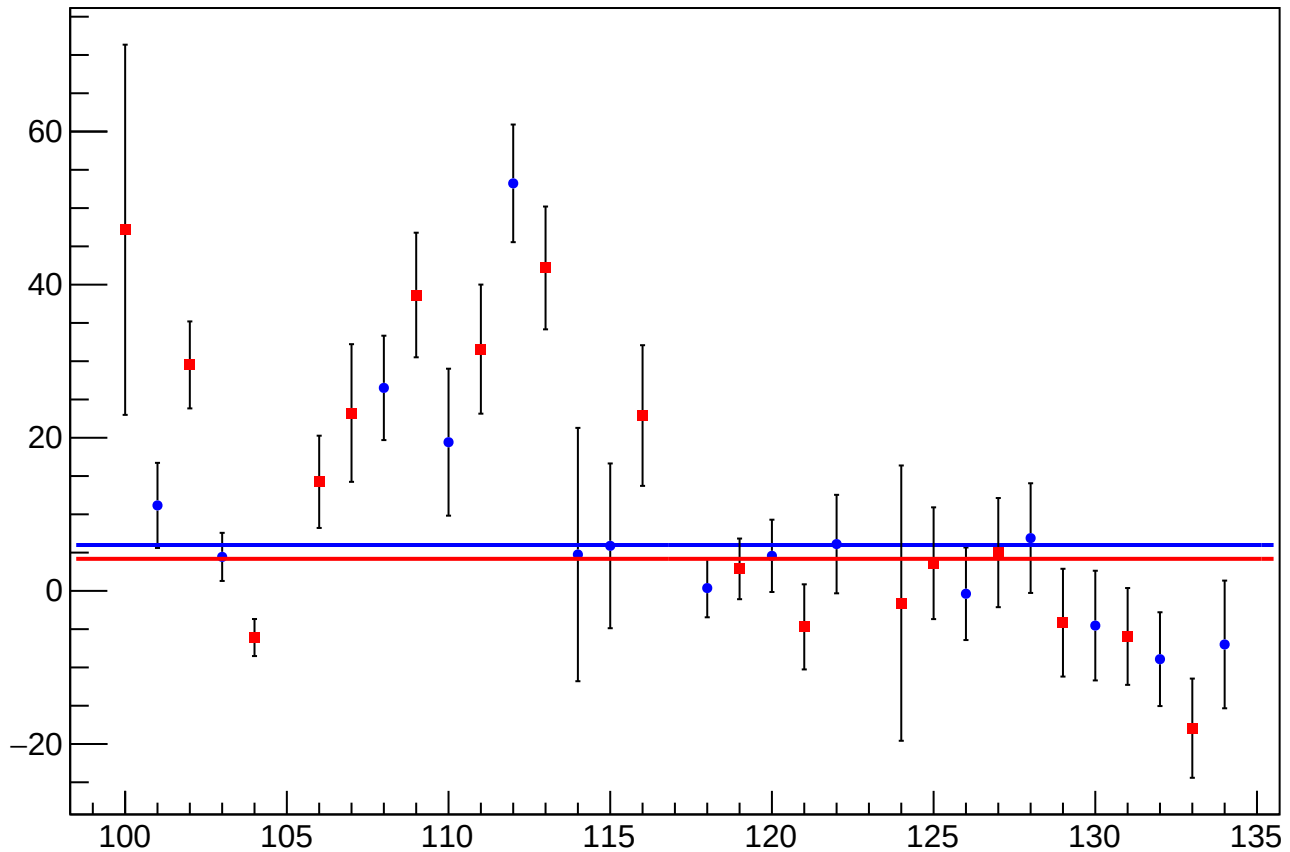
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -173.232 ± 1.043 χ^2/NDF : 13029.4/31

- 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: 4.187+/-1.405 χ^2/NDF : 121.9/16

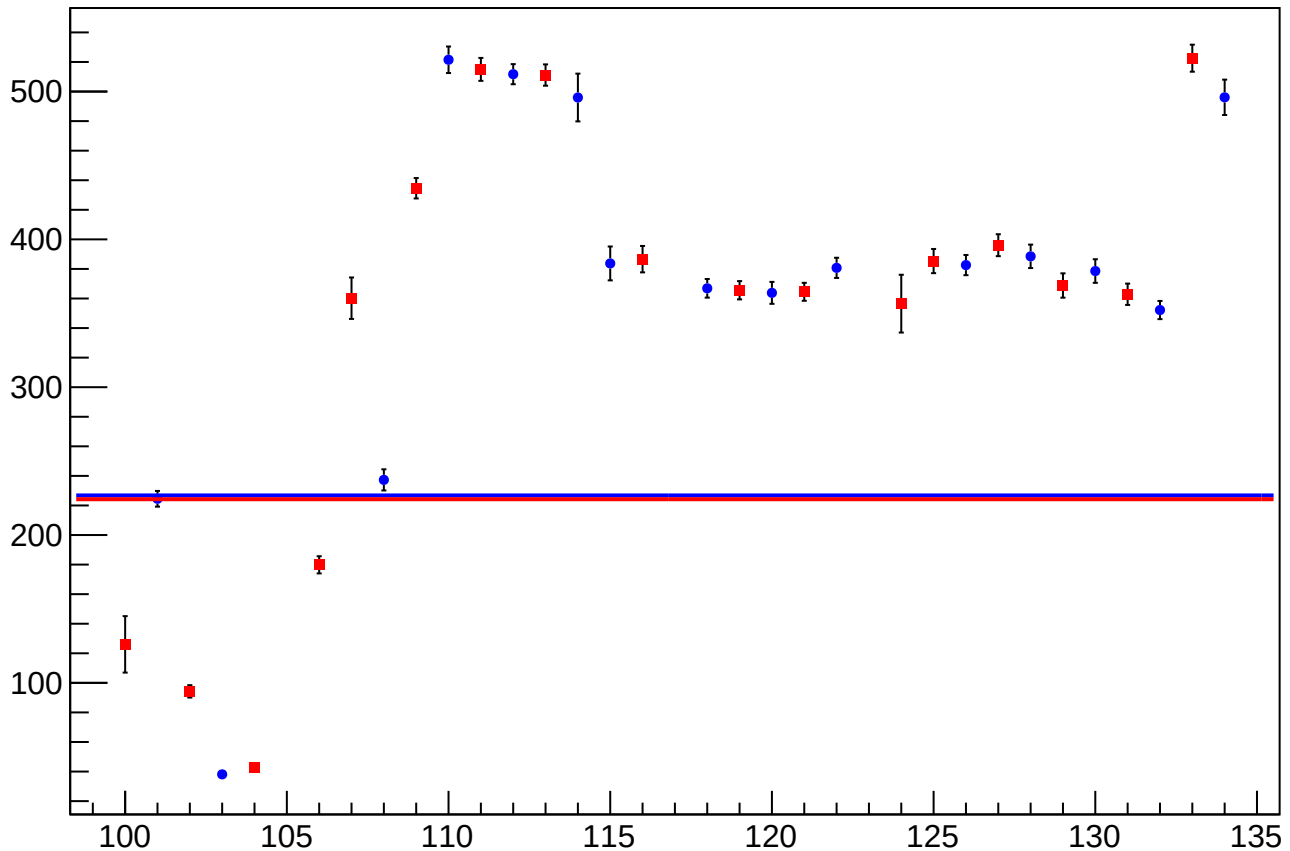
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.026+/-1.028 χ^2/NDF : 186.5/31

- 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: 224.217 $\pm$ 1.465 χ^2 /NDF: 14645.7/16

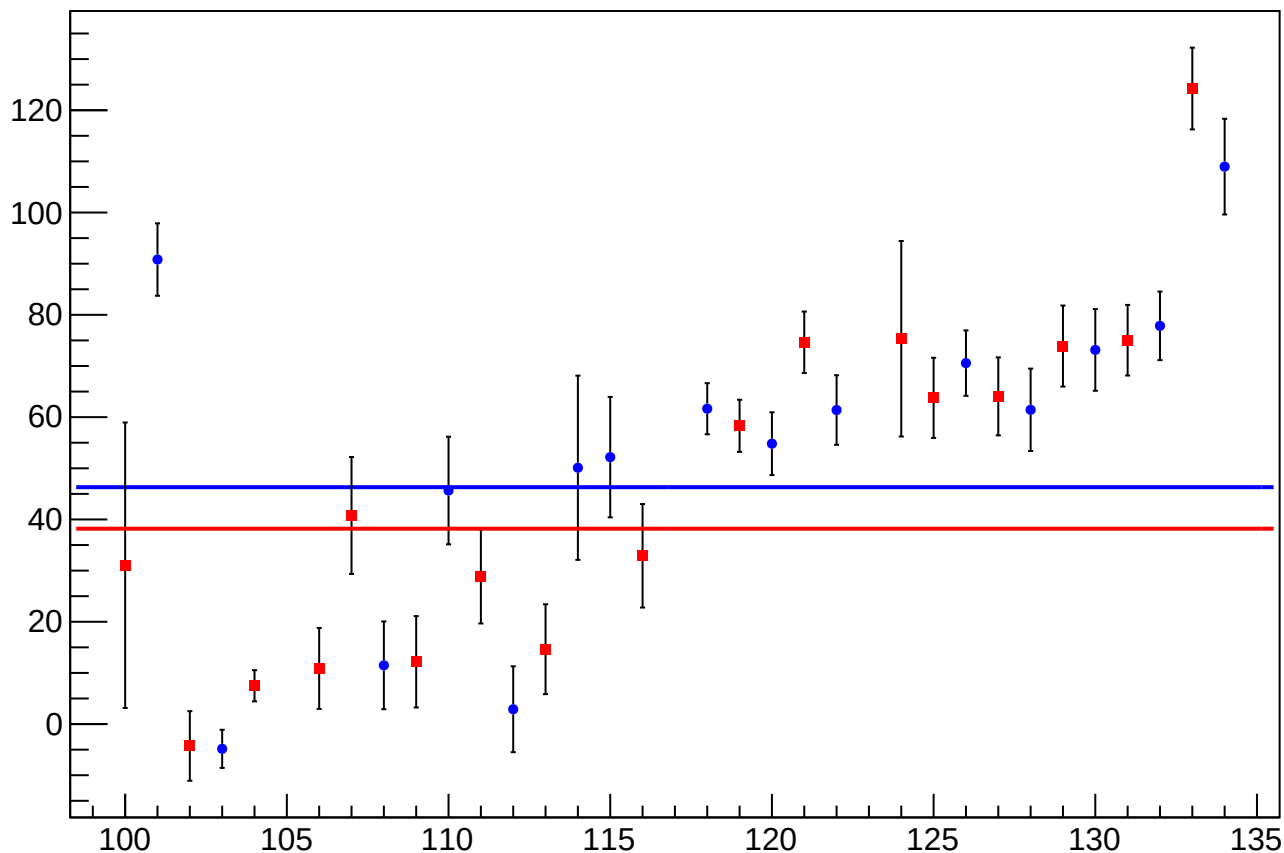
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 225.457 $\pm$ 1.052 χ^2 /NDF: 28112.6/31

- 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+/-1.778 χ^2/NDF : 383.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.197+/-1.676 χ^2/NDF : 412.4/16

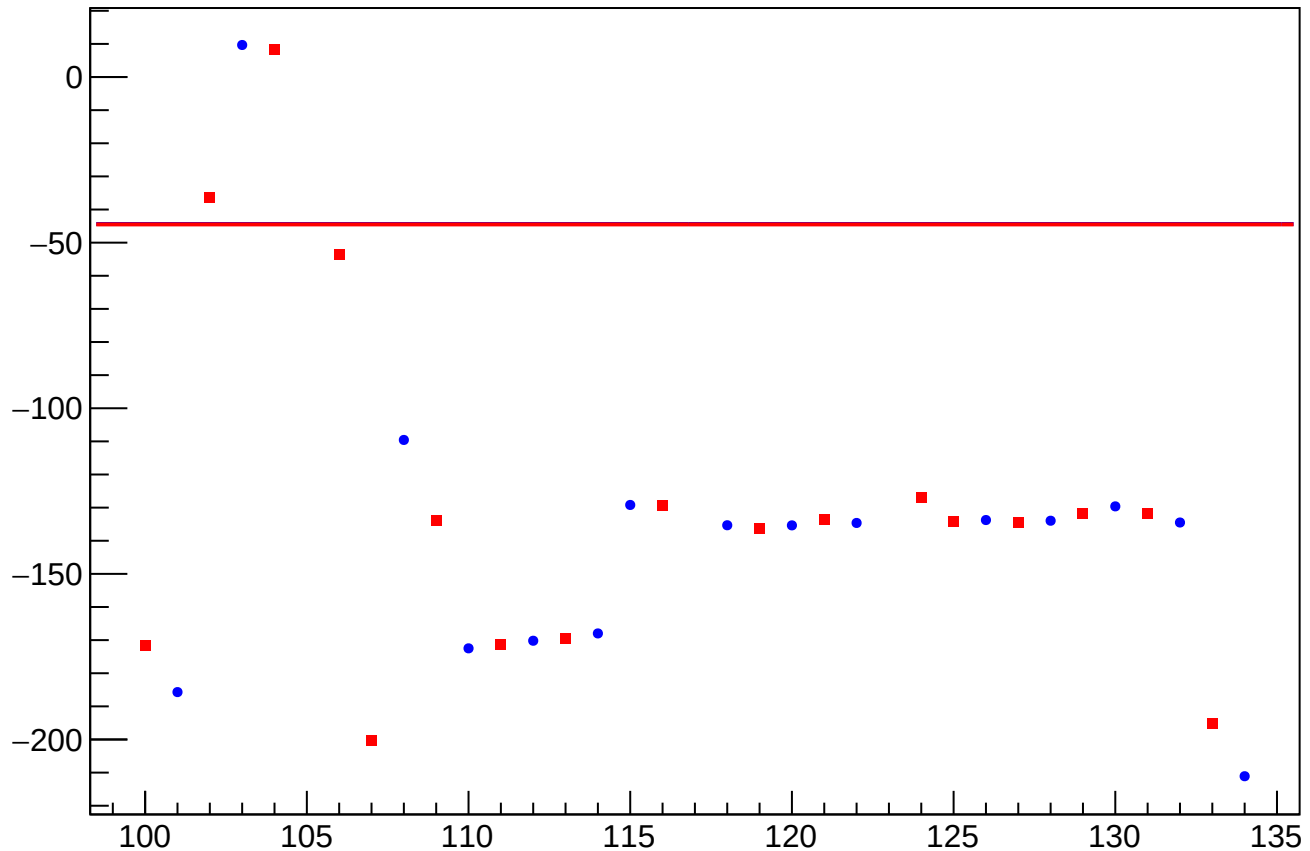
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.013+/-1.219 χ^2/NDF : 807.0/31

- sign 0.000+/-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: -44.489 ± 0.079 $\chi^2/\text{NDF}: 654941.3/16$

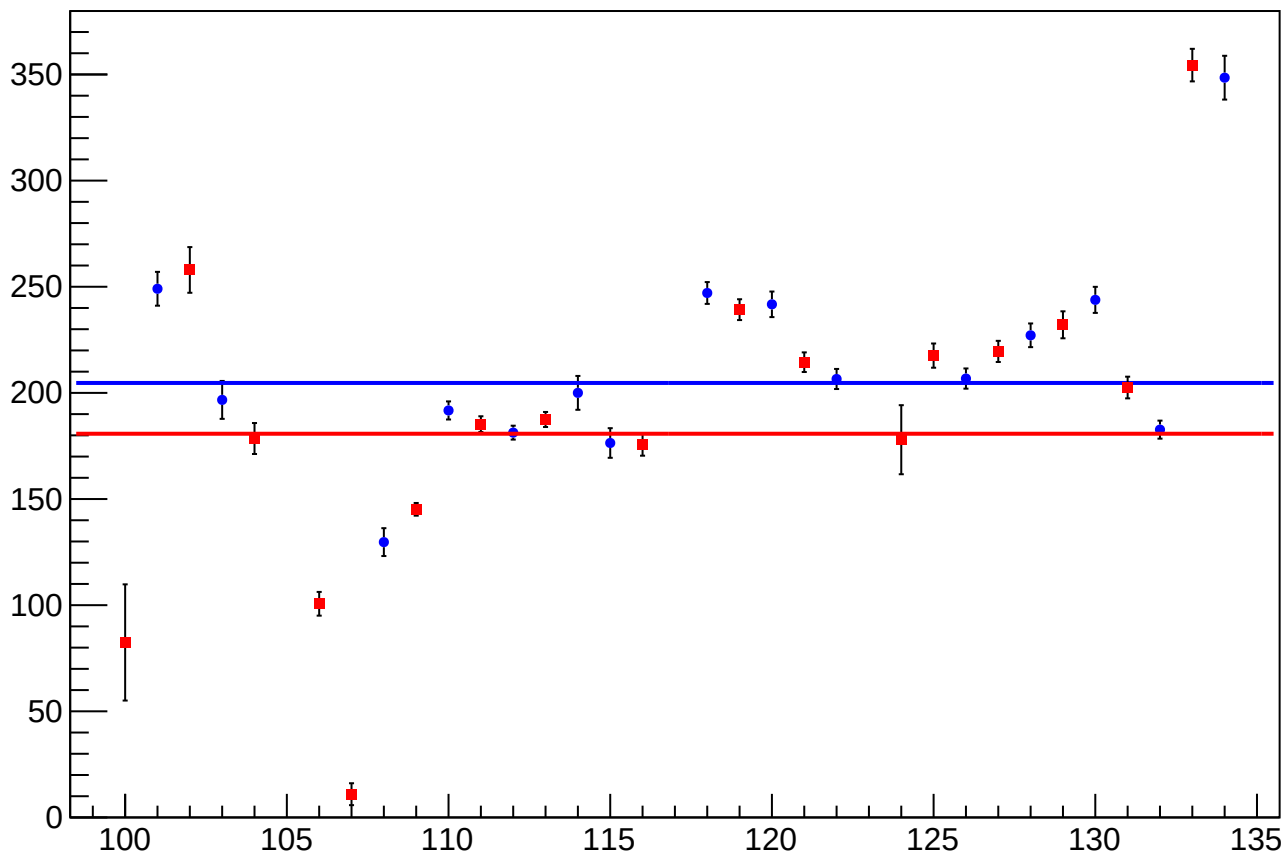
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -44.430 ± 0.056 $\chi^2/\text{NDF}: 1628778.1/31$

- 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: 180.759 $\pm$ 1.248 χ^2 /NDF: 2394.7/16

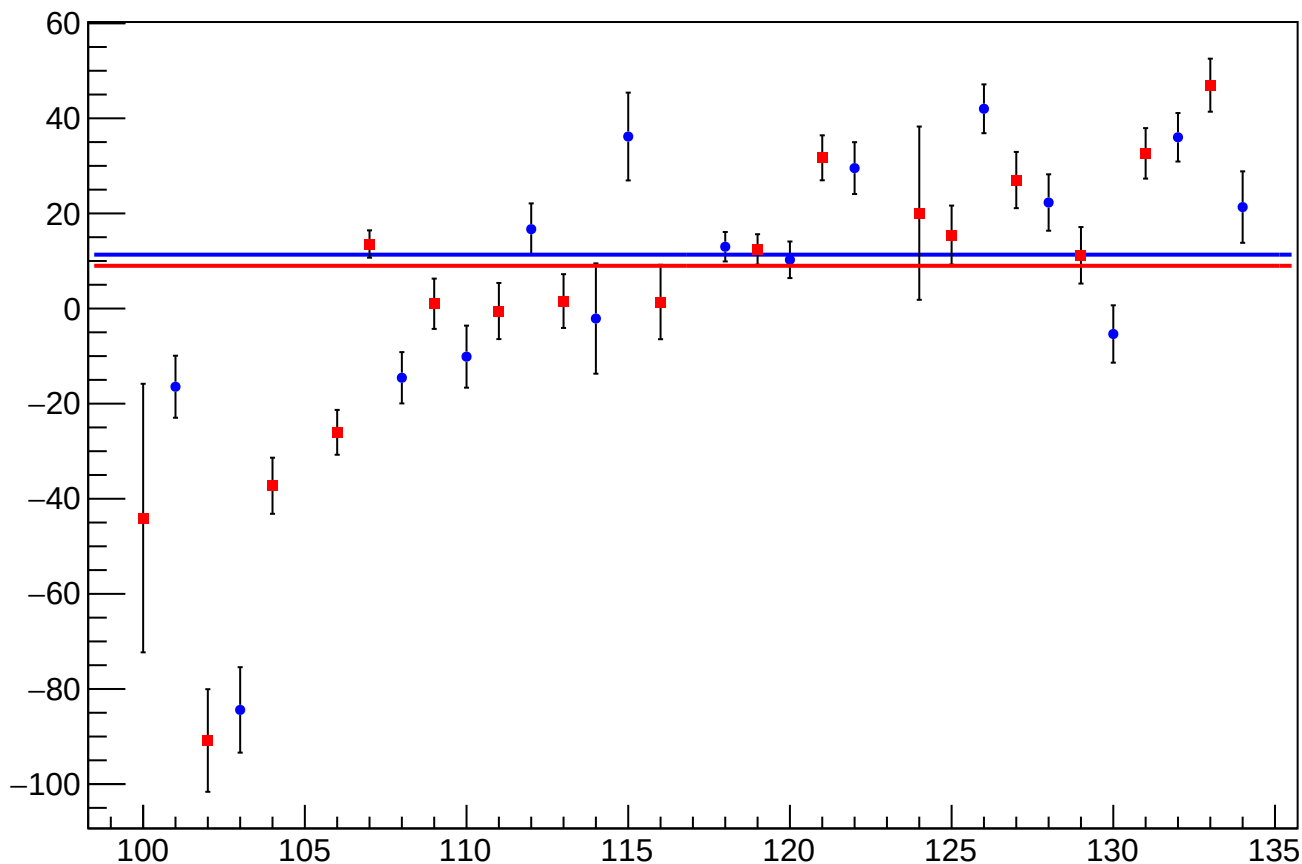
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 191.398 $\pm$ 0.930 χ^2 /NDF: 3181.5/31

- 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: 8.989 $\pm$ 1.278 χ^2 /NDF: 317.2/16

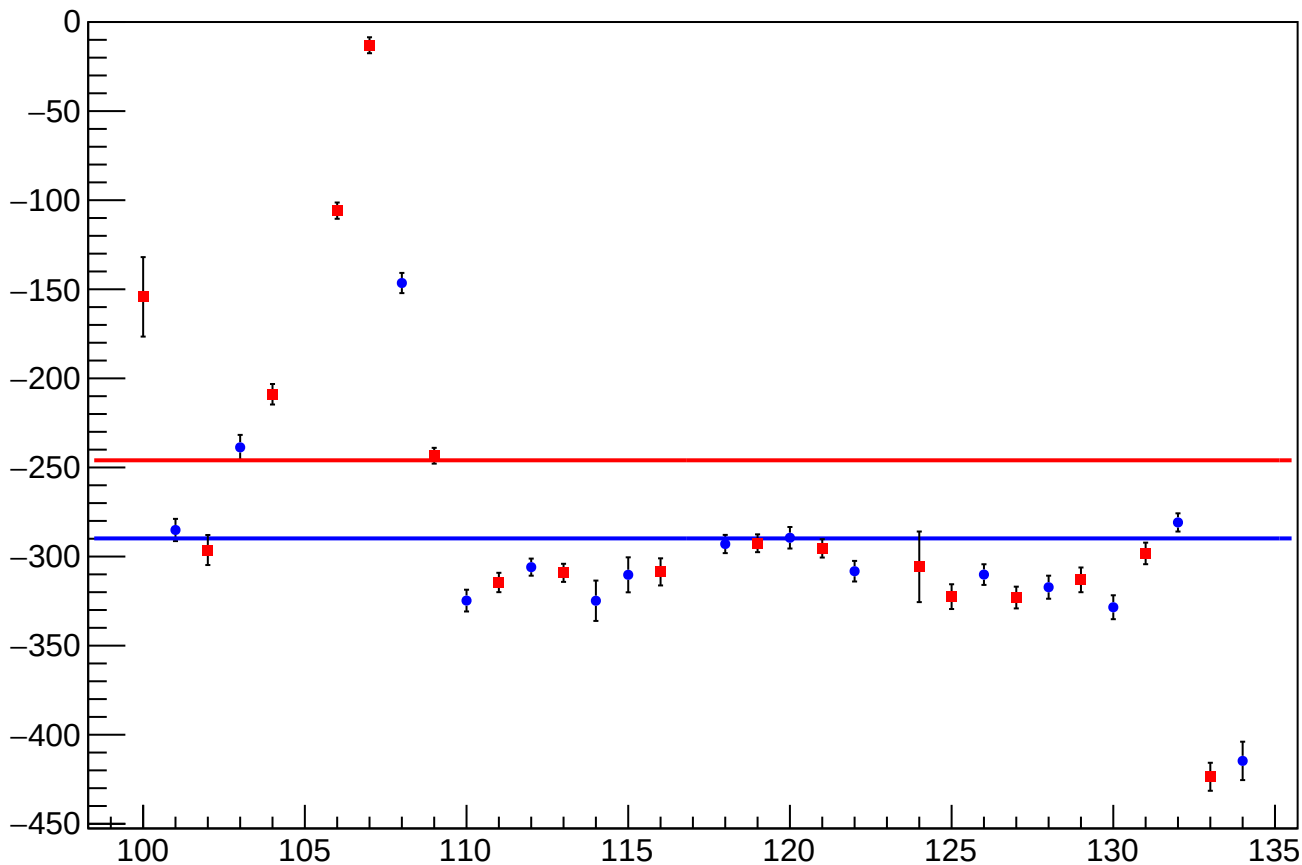
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.044 $\pm$ 0.947 χ^2 /NDF: 577.3/31

- 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: -245.982 ± 1.448 χ^2/NDF : 5272.6/16

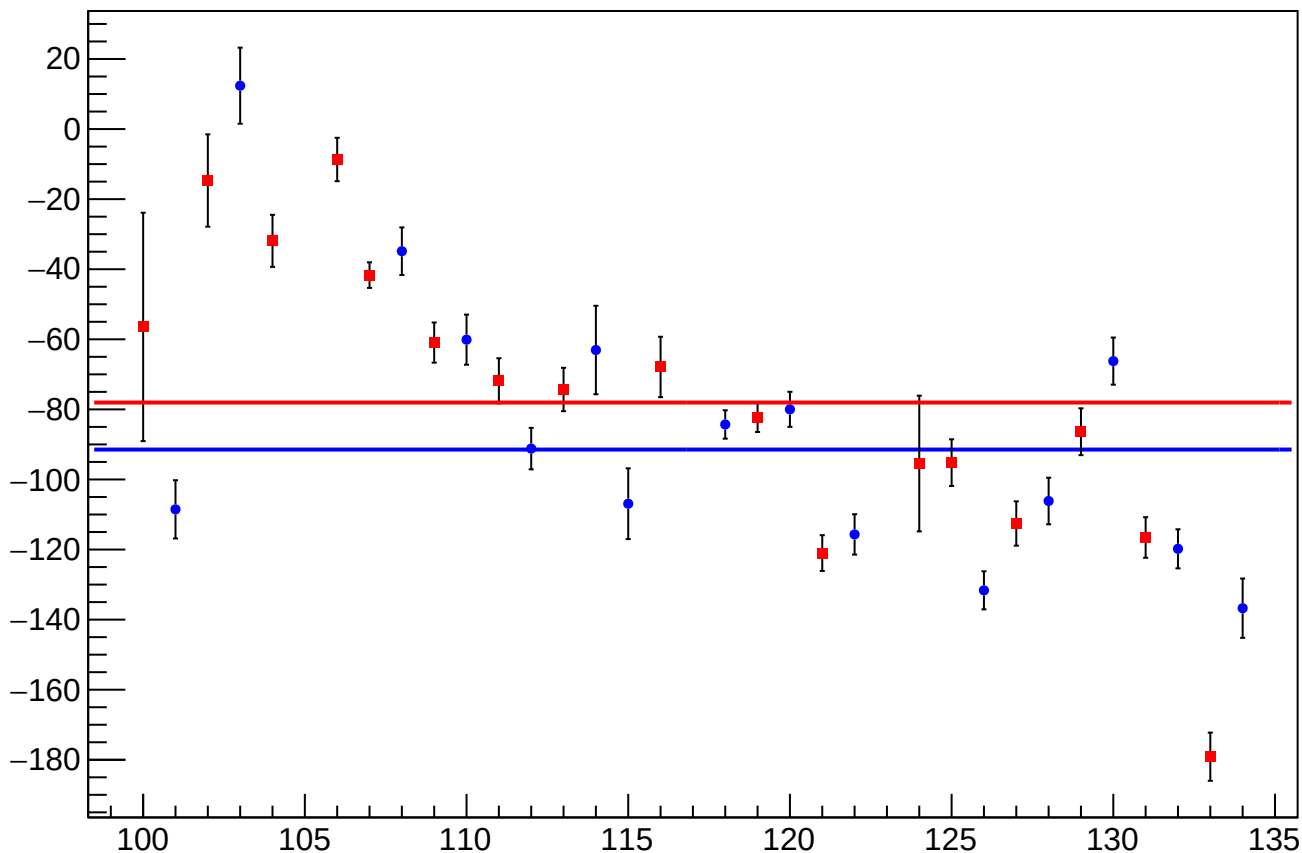
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -265.534 ± 1.078 χ^2/NDF : 6644.1/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -91.464 ± 1.656 χ^2/NDF : 346.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -78.045 ± 1.506 χ^2/NDF : 669.6/16

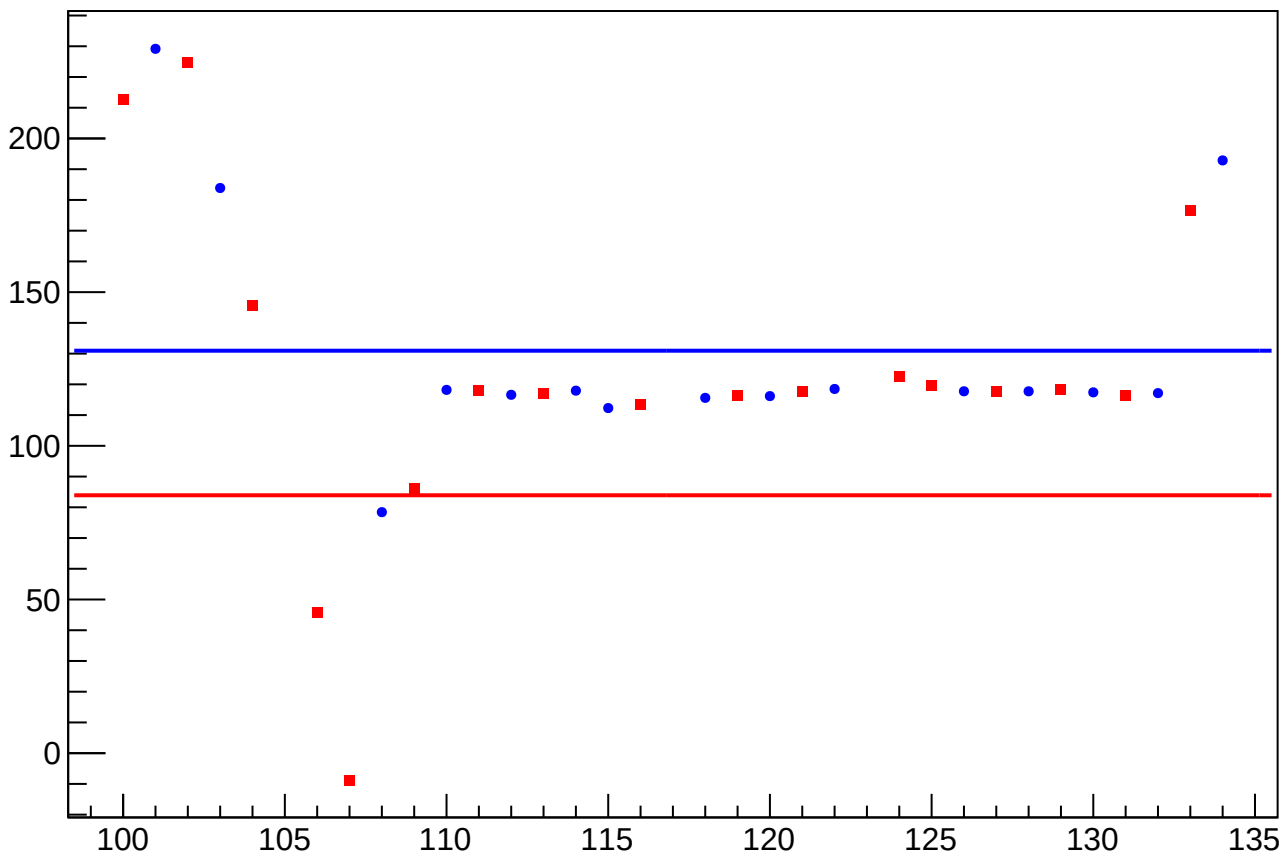
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -84.118 ± 1.114 χ^2/NDF : 1051.6/31

- sign 0.000 ± 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: 83.912 $\pm$ 0.089 χ^2 /NDF: 569625.5/16

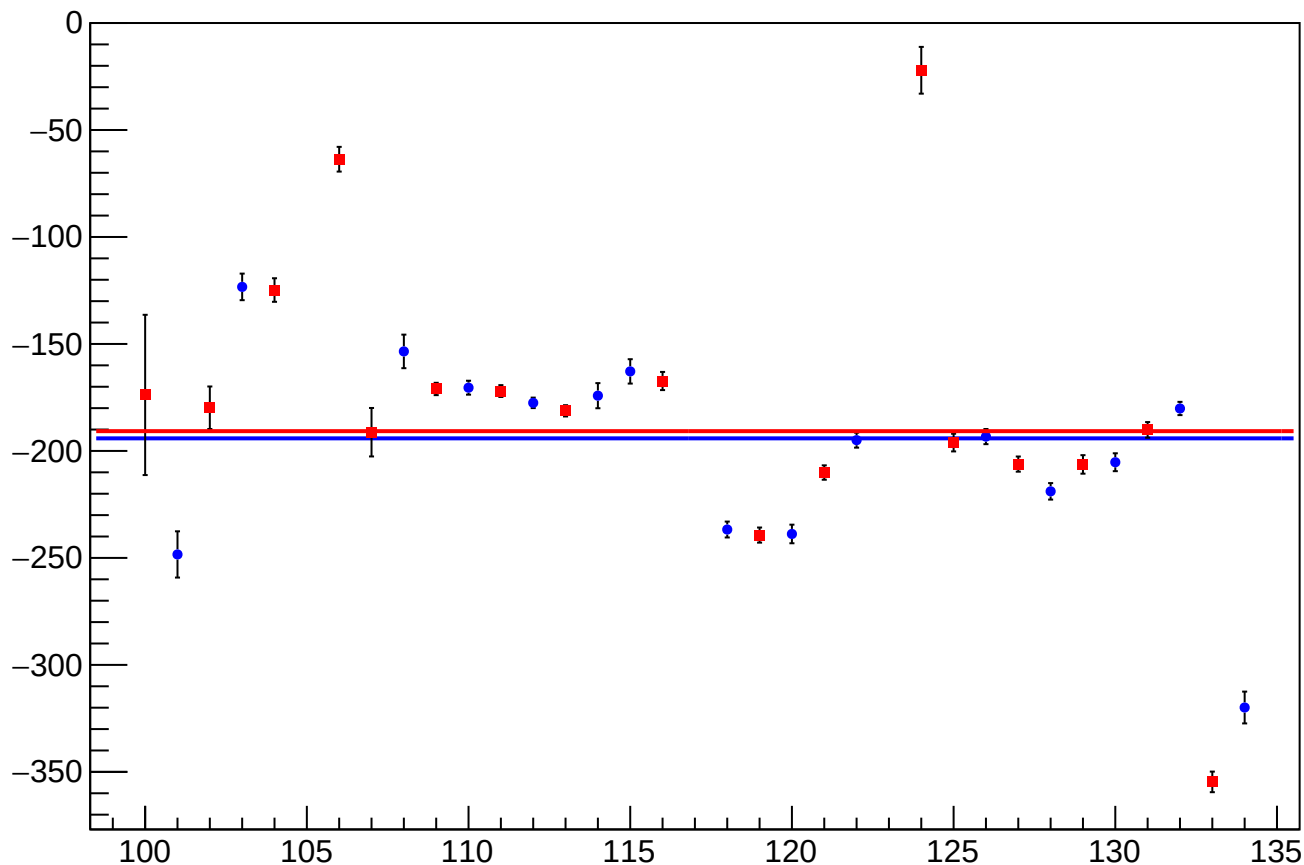
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 103.294 $\pm$ 0.068 χ^2 /NDF: 867988.1/31

- 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: -190.753 ± 0.990 χ^2/NDF : 2419.3/16

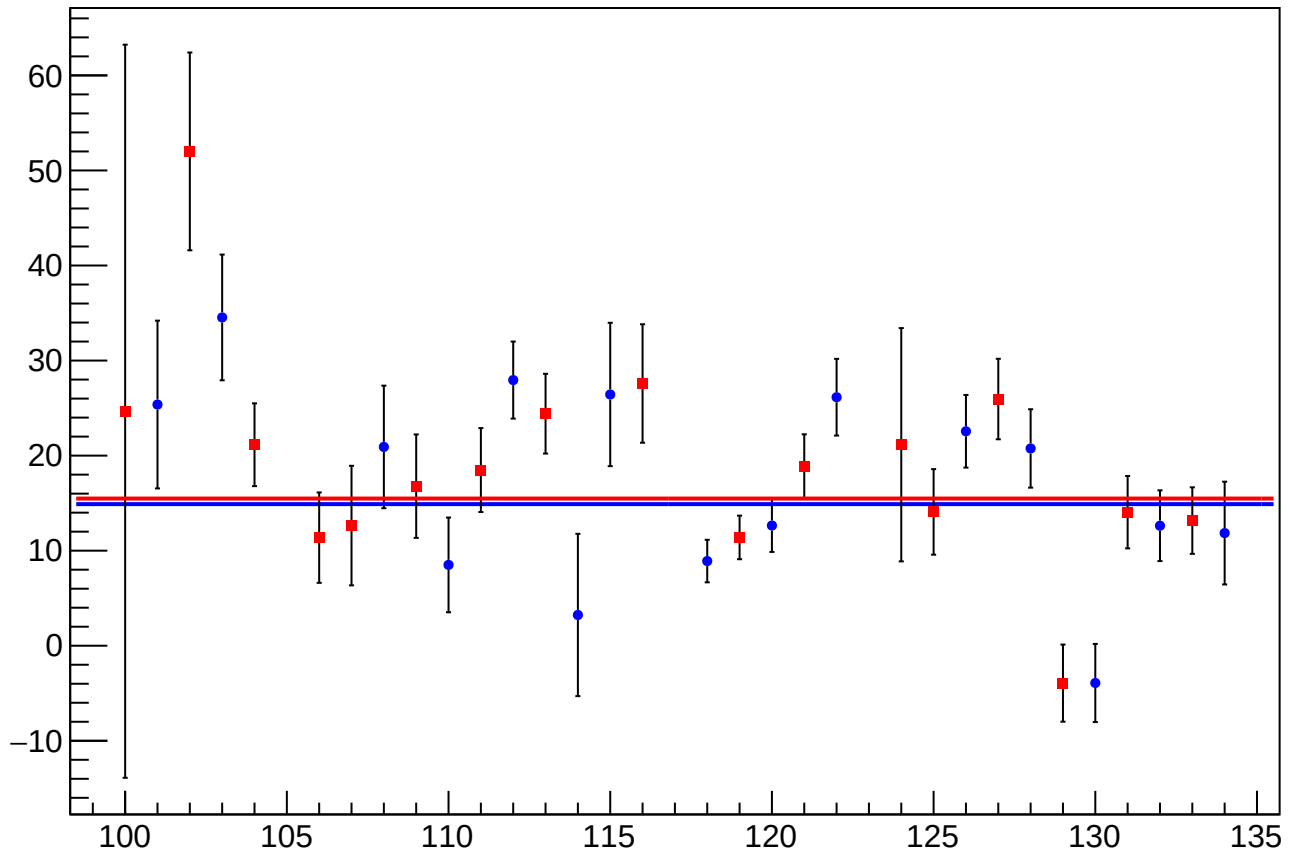
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -192.339 ± 0.721 χ^2/NDF : 3340.1/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 14.895+/-1.069 χ^2/NDF : 70.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.484+/-1.054 χ^2/NDF : 57.9/16

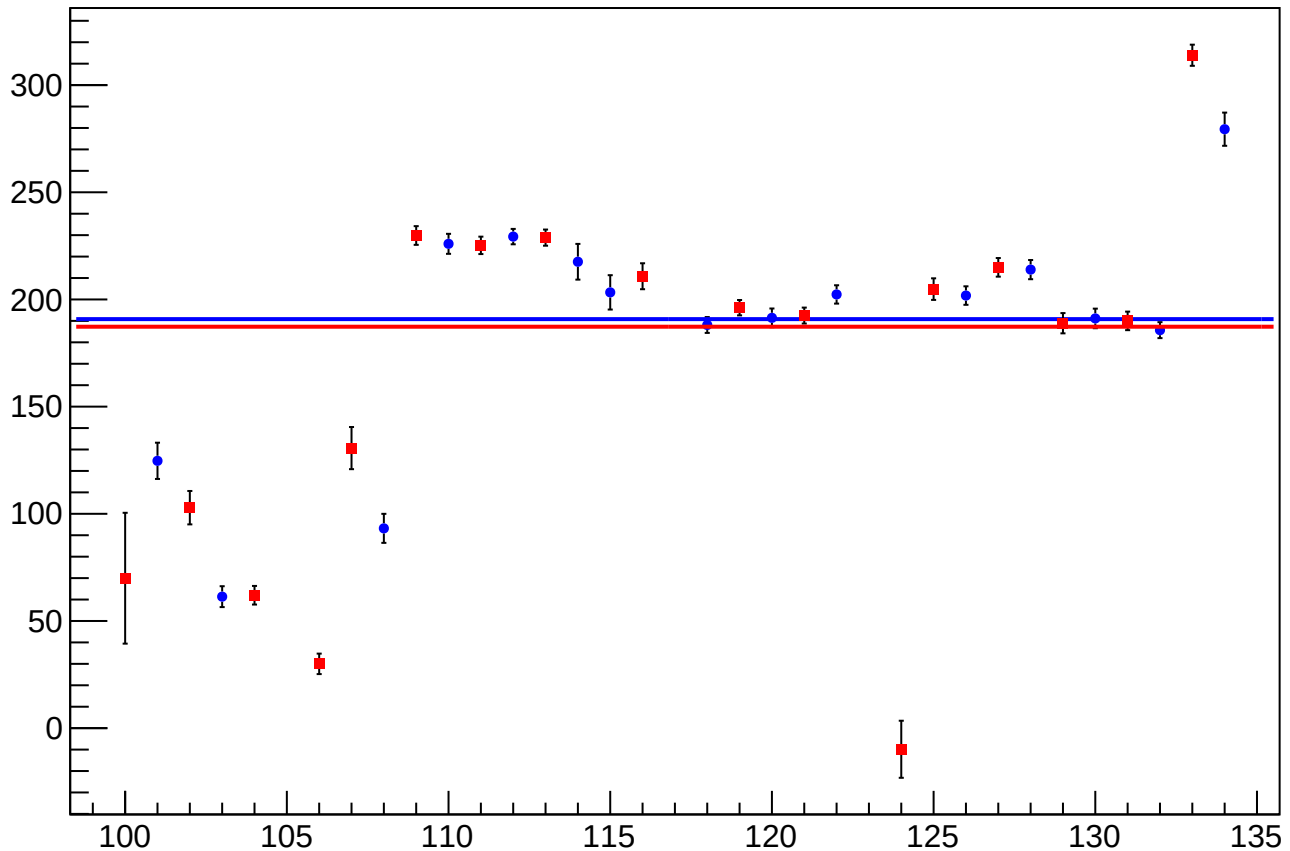
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.193+/-0.751 χ^2/NDF : 128.6/31

- sign 0.000+/-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: 187.285 $\pm$ 1.176 χ^2 /NDF: 3342.7/16

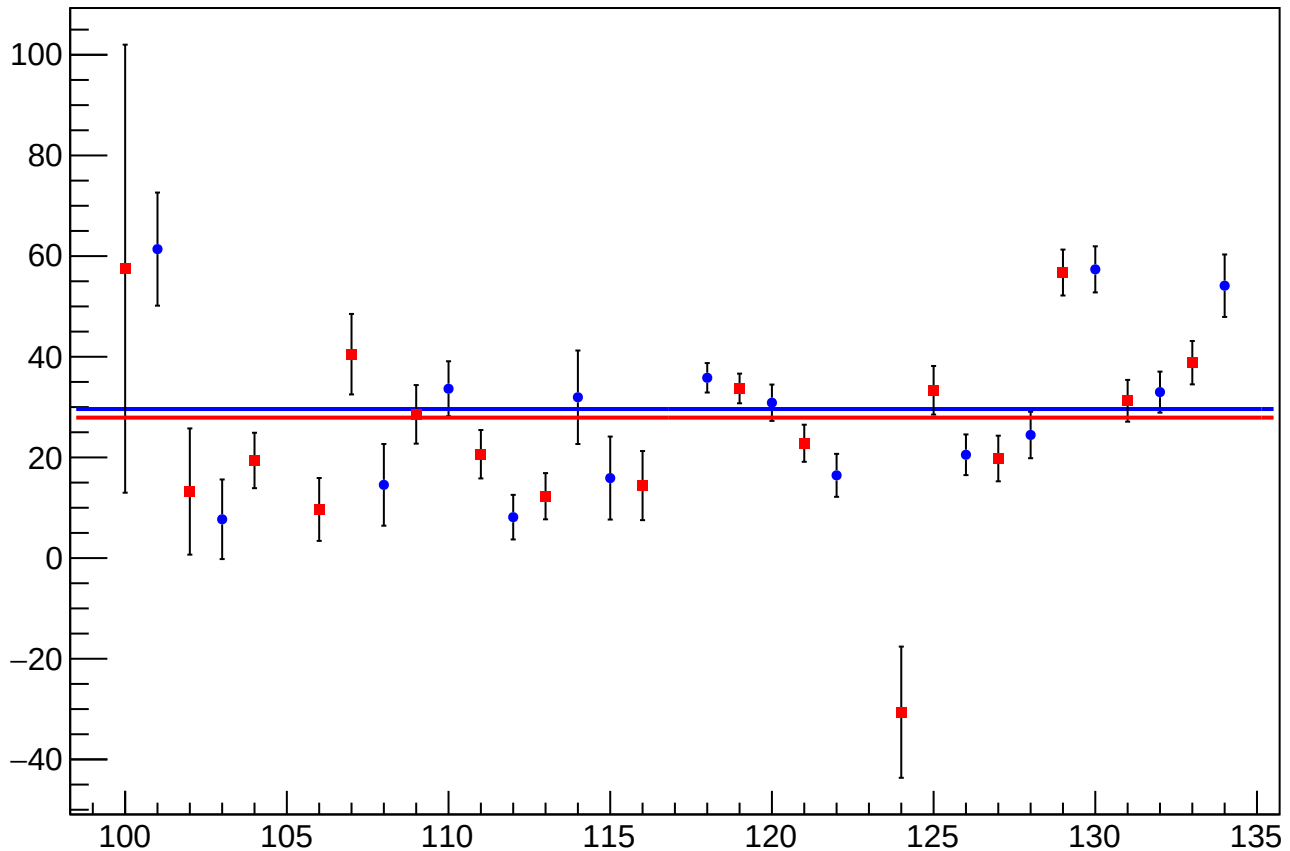
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 188.965 $\pm$ 0.853 χ^2 /NDF: 4680.8/31

- 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: 27.911 $\pm$ 1.223 χ^2 /NDF: 110.4/16

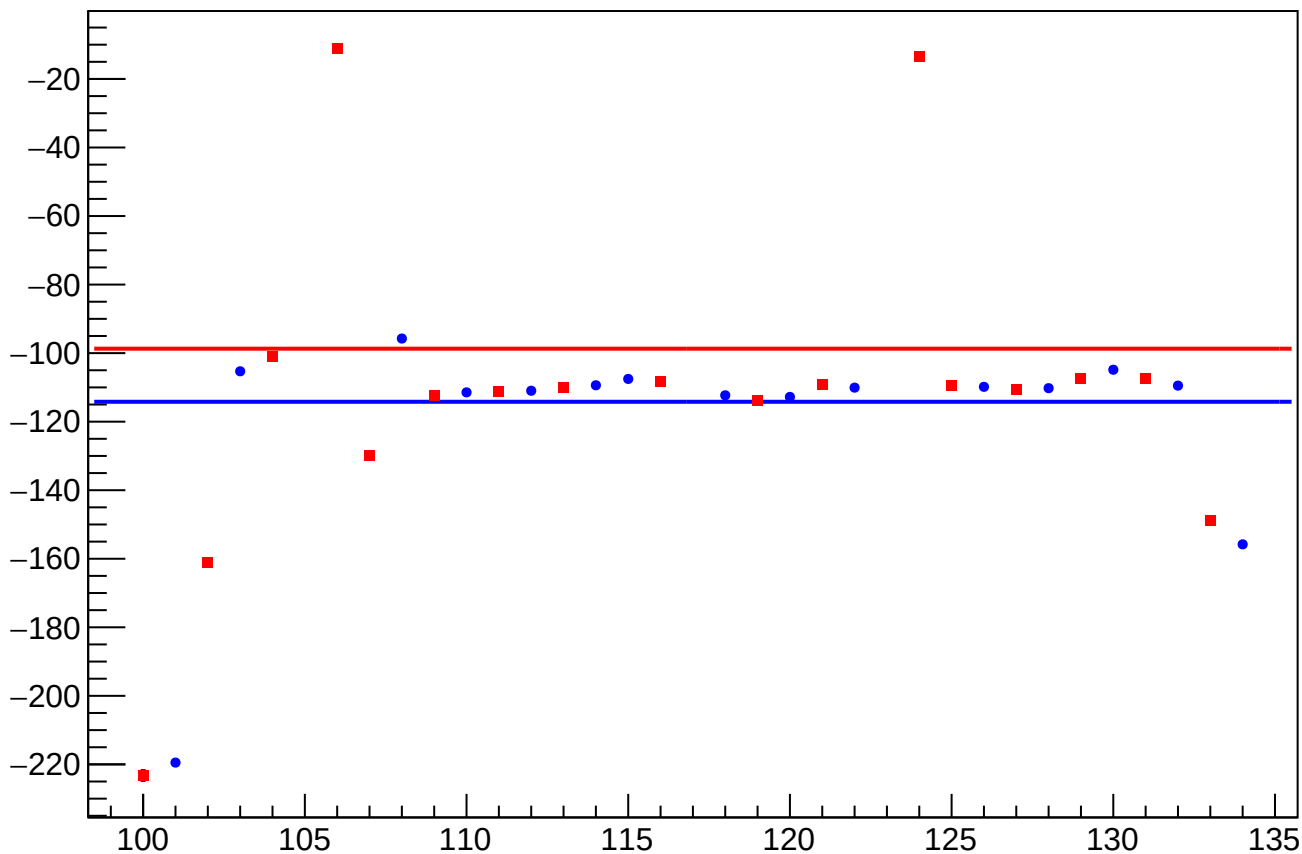
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.746 $\pm$ 0.874 χ^2 /NDF: 230.8/31

- 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 χ^2/NDF : 67726.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -98.703+/-0.079 χ^2/NDF : 279286.7/16

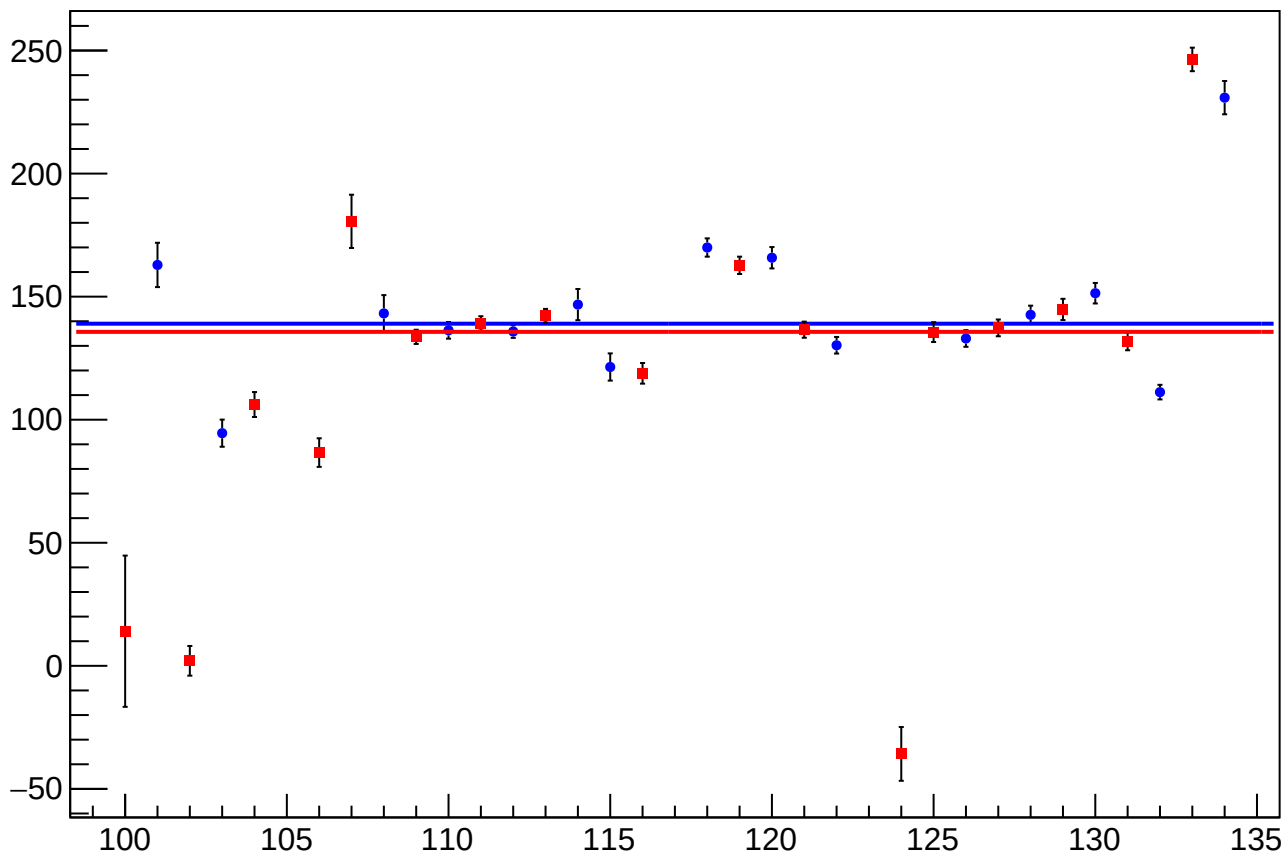
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -105.858+/-0.058 χ^2/NDF : 364831.7/31

- sign 0.000+/-0.000 χ^2/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: 135.698 $\pm$ 0.984 χ^2 /NDF: 1500.4/16

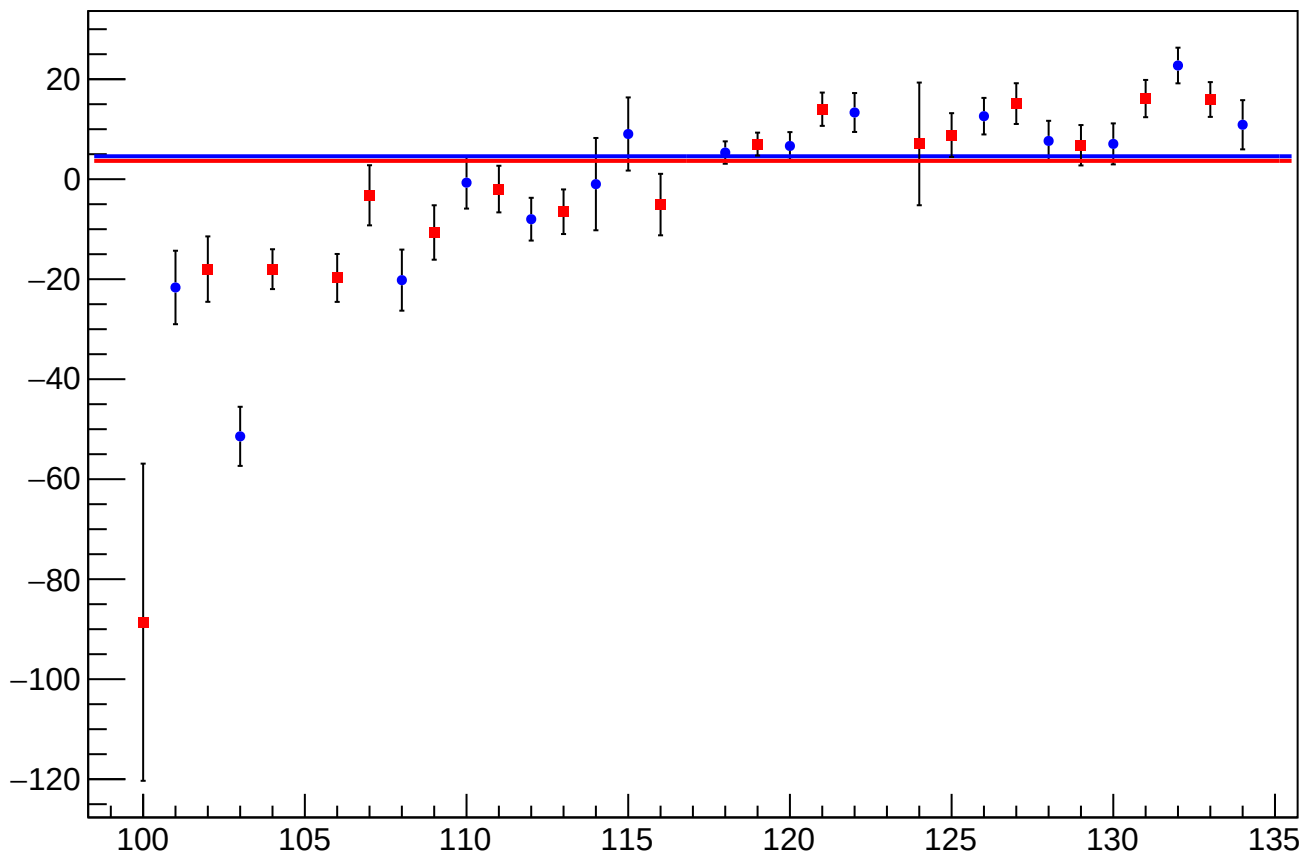
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 137.260 $\pm$ 0.715 χ^2 /NDF: 1991.6/31

- 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: 3.663+/-1.037 χ^2/NDF : 135.1/16

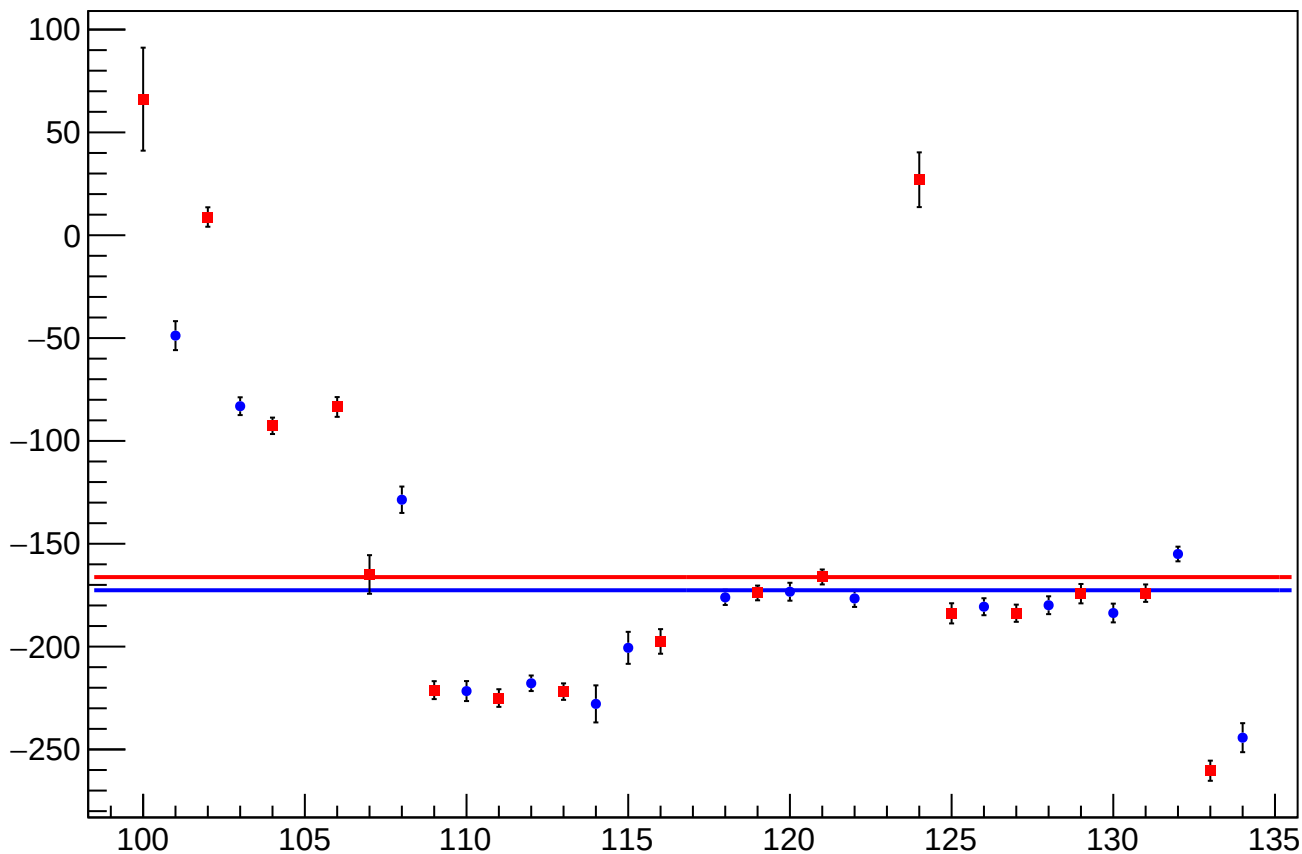
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.119+/-0.738 χ^2/NDF : 303.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -172.606+/-1.211 χ^2/NDF : 1220.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -166.205+/-1.146 χ^2/NDF : 3280.8/16

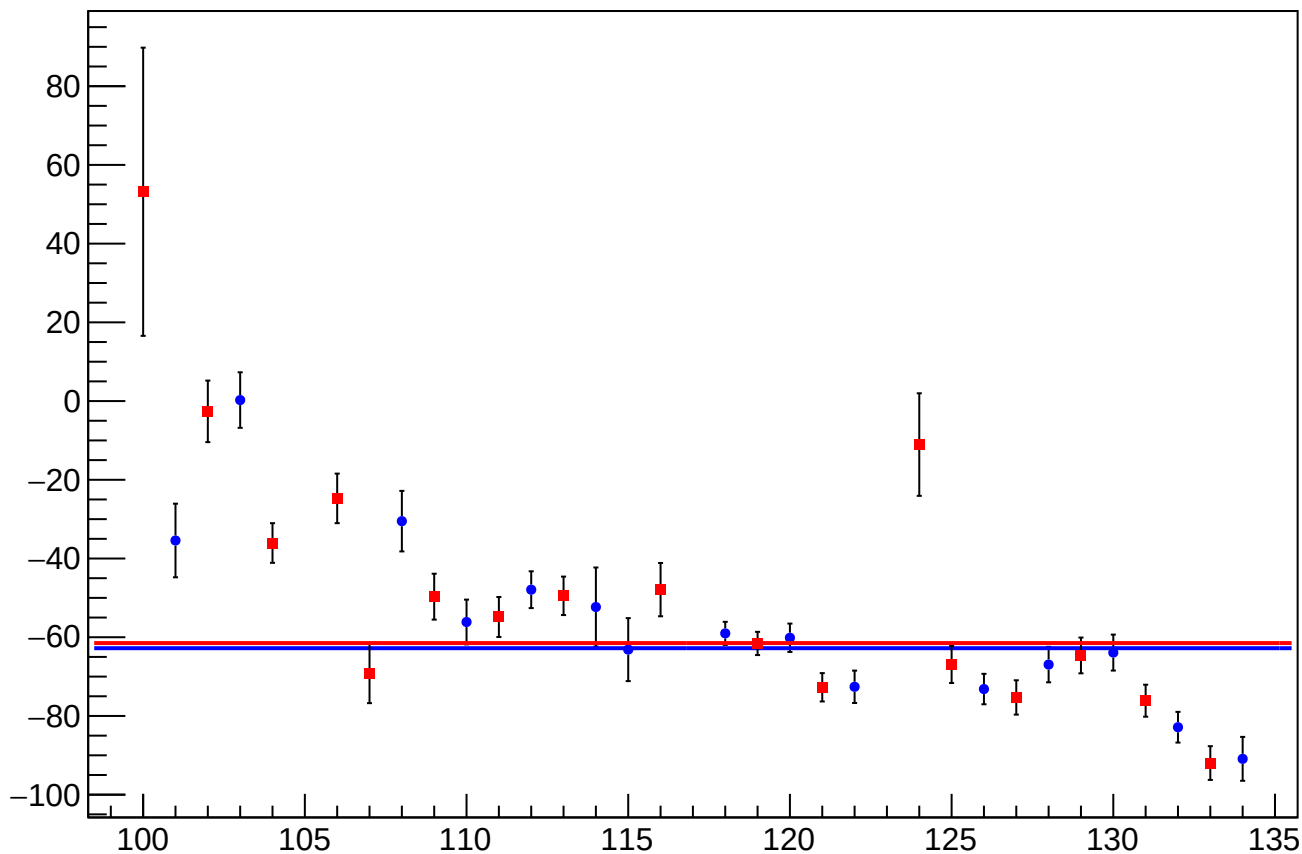
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -169.230+/-0.832 χ^2/NDF : 4516.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -62.787 $\pm$ 1.226 χ^2 /NDF: 186.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -61.483 $\pm$ 1.204 χ^2 /NDF: 243.0/16

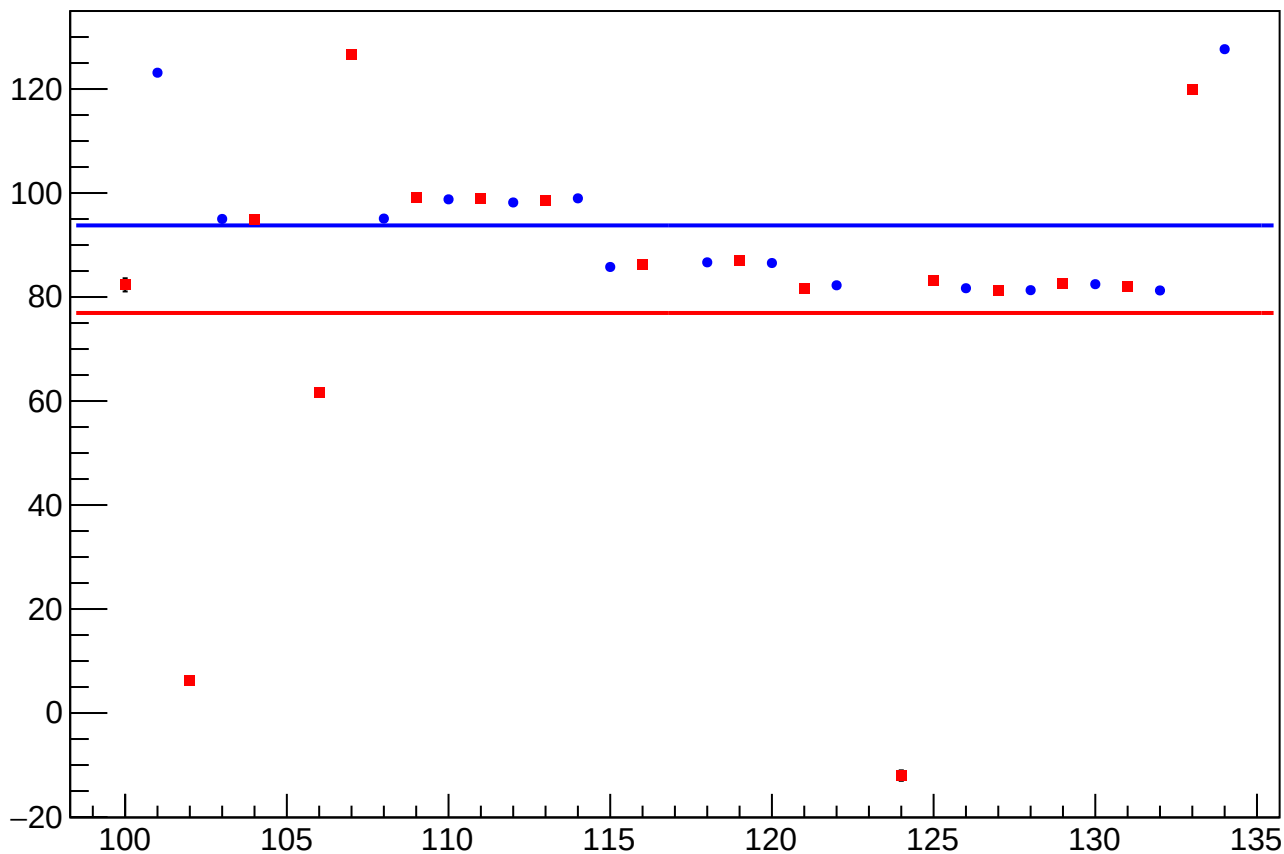
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -62.123 $\pm$ 0.859 χ^2 /NDF: 430.1/31

- sign 0.000 $\pm$ 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: 76.930 $\pm$ 0.074 χ^2 /NDF: 193301.3/16

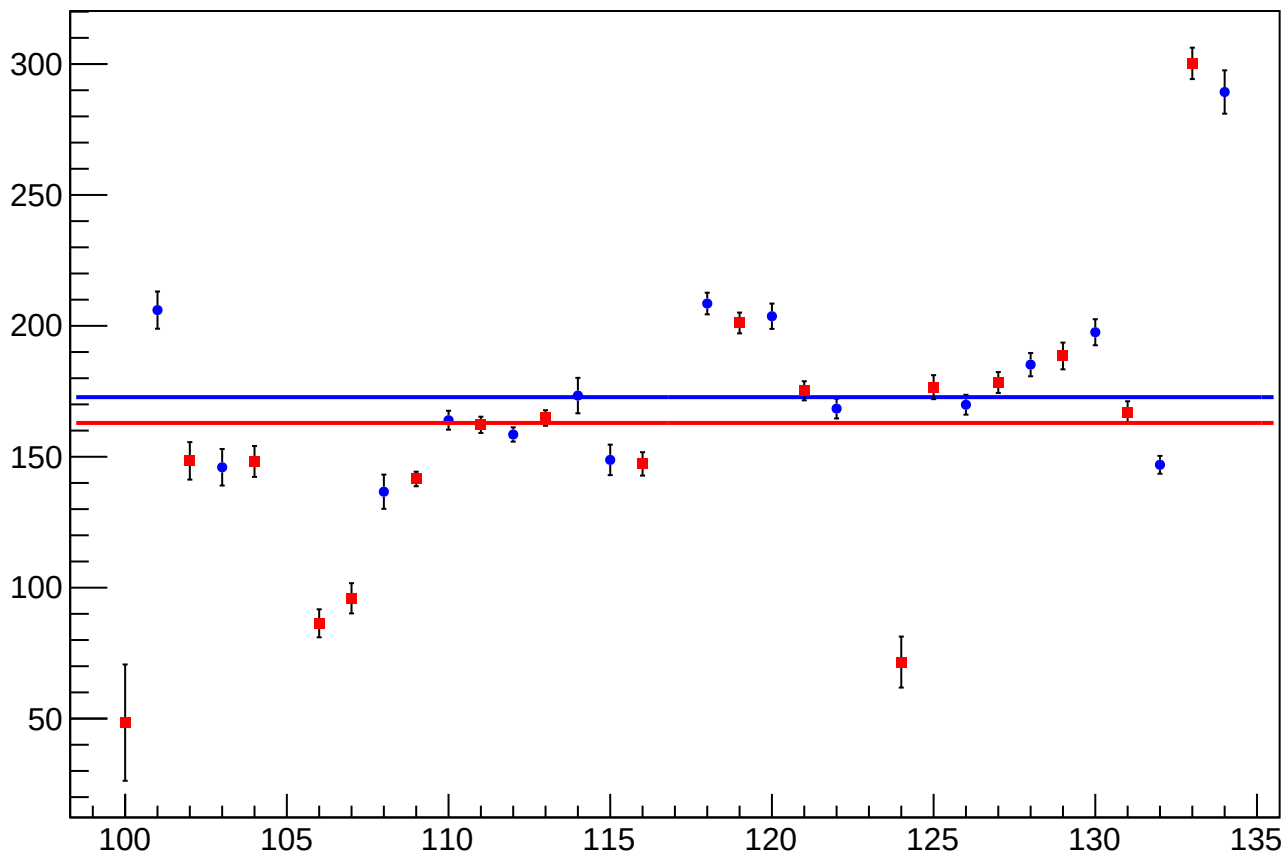
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 84.602 $\pm$ 0.055 χ^2 /NDF: 243727.4/31

- 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: 162.921+/-1.055 χ^2/NDF : 1213.8/16

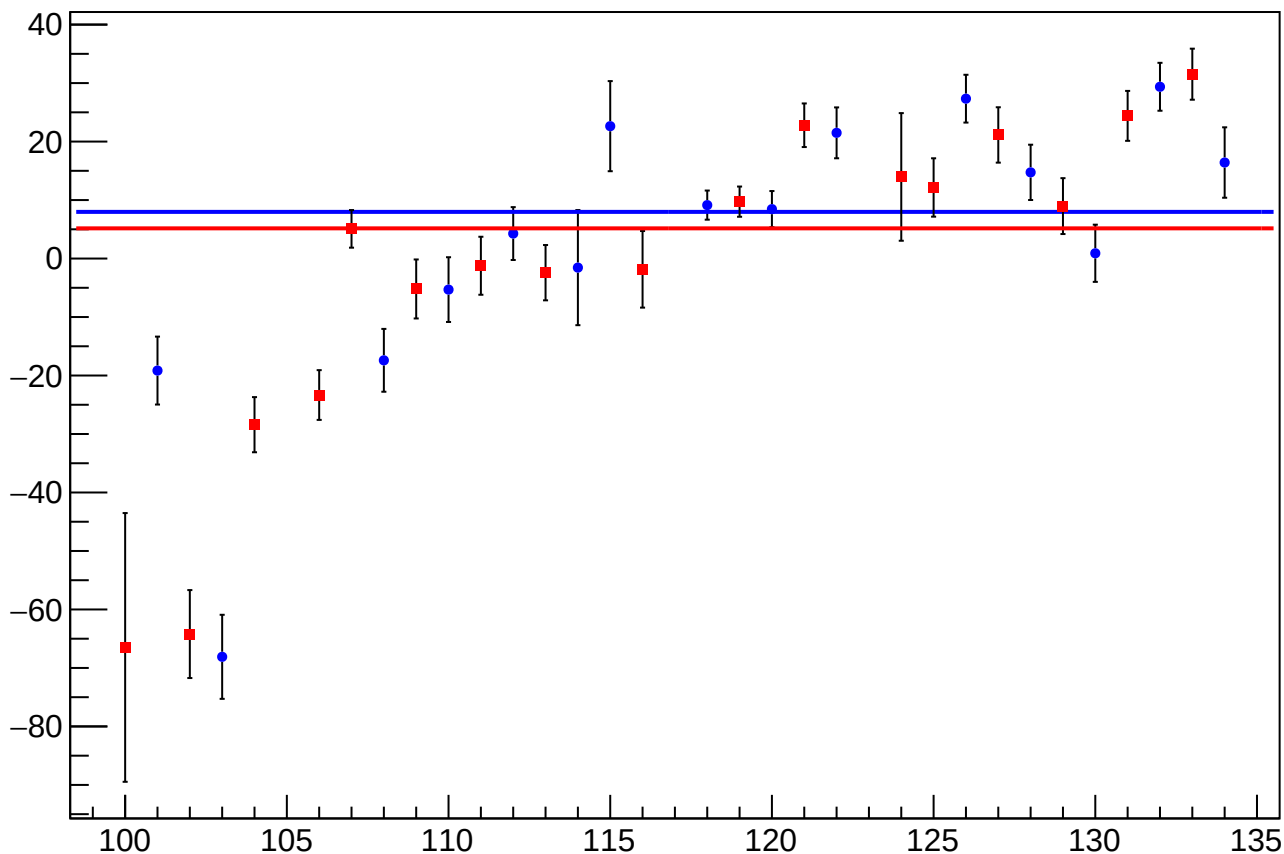
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.430+/-0.777 χ^2/NDF : 1777.1/31

- 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+/-1.159 χ^2/NDF : 232.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.162+/-1.097 χ^2/NDF : 296.9/16

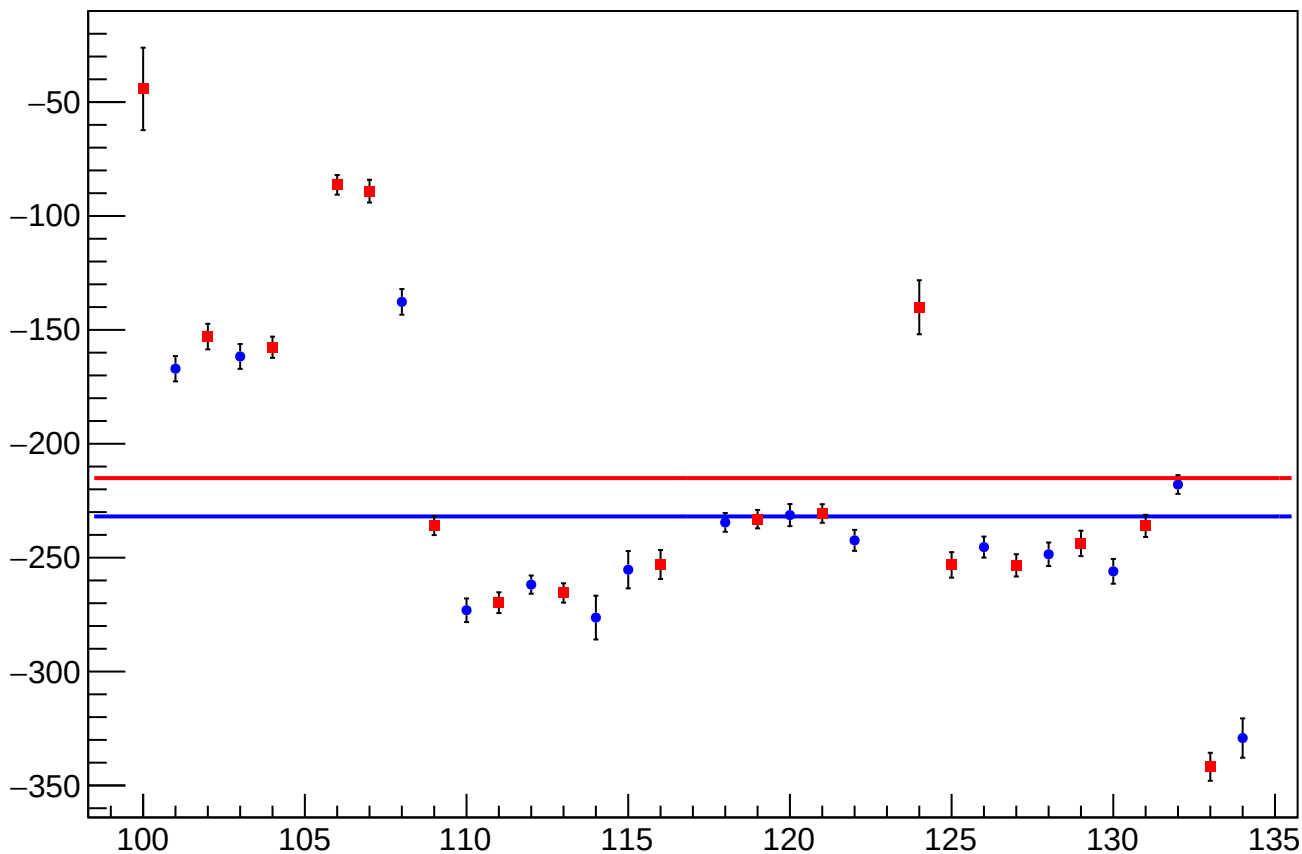
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.494+/-0.797 χ^2/NDF : 532.9/31

- sign 0.000+/-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: -215.069+/-1.227 χ^2/NDF : 2883.3/16

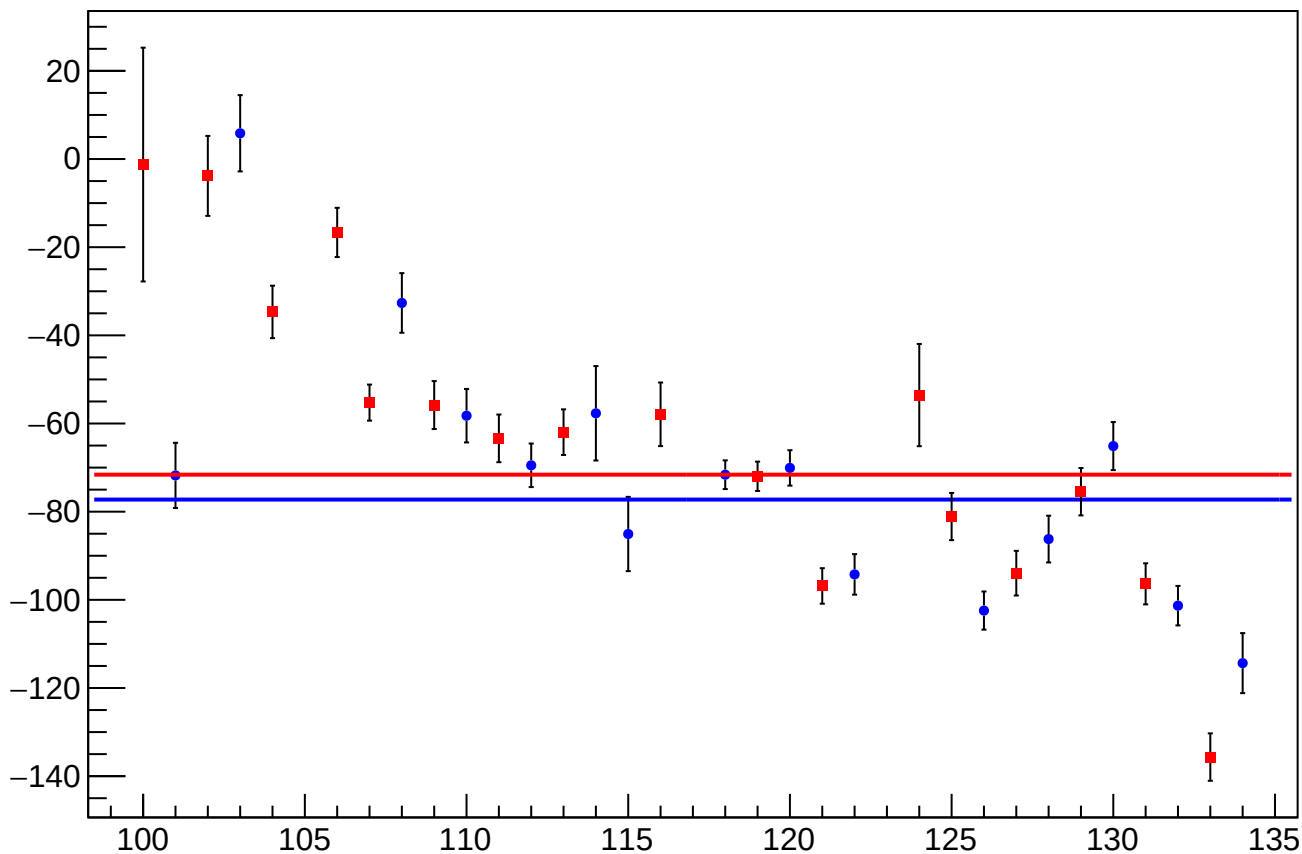
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -222.786+/-0.903 χ^2/NDF : 3880.3/31

- 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: -71.605 $\pm$ 1.284 χ^2 /NDF: 466.9/16

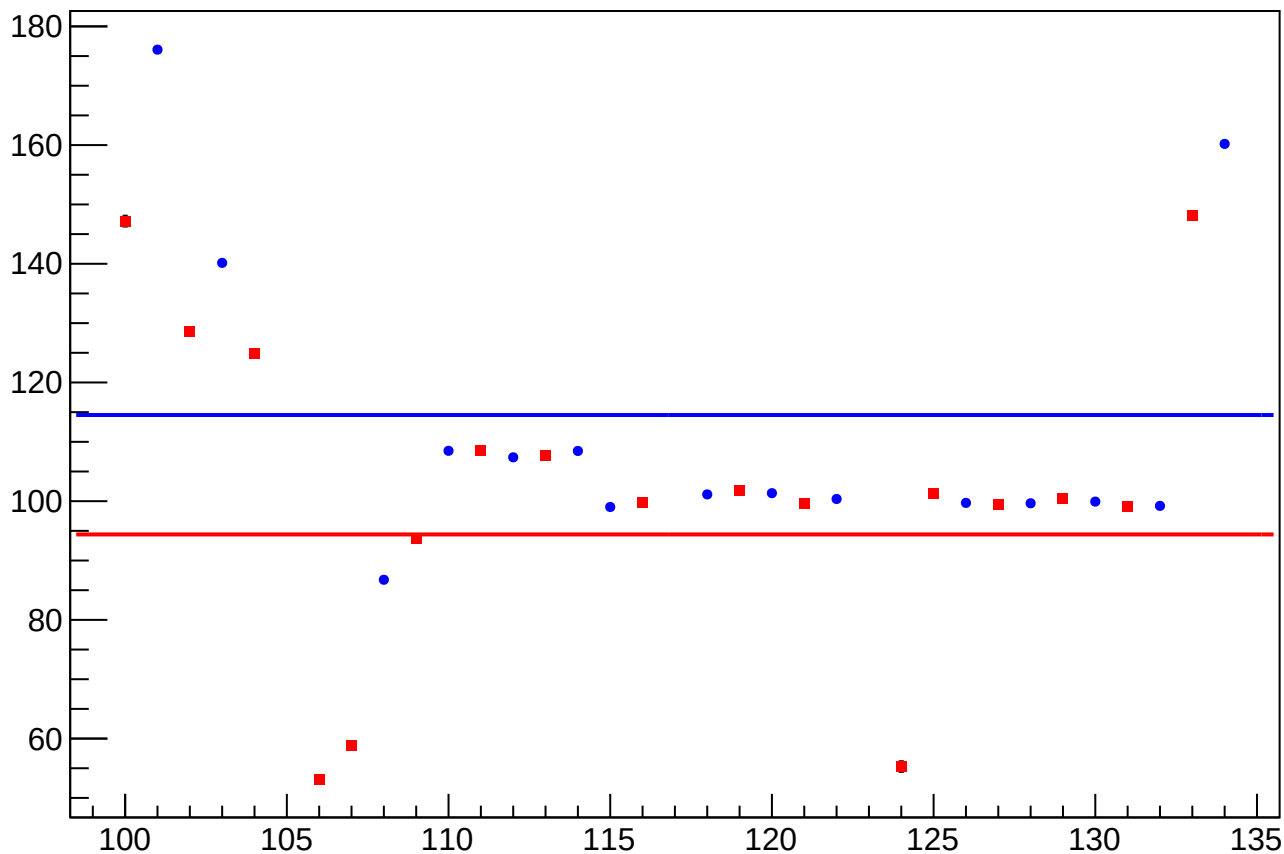
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -74.270 $\pm$ 0.933 χ^2 /NDF: 748.9/31

- 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: 94.396+/-0.077 χ^2/NDF : 138418.0/16

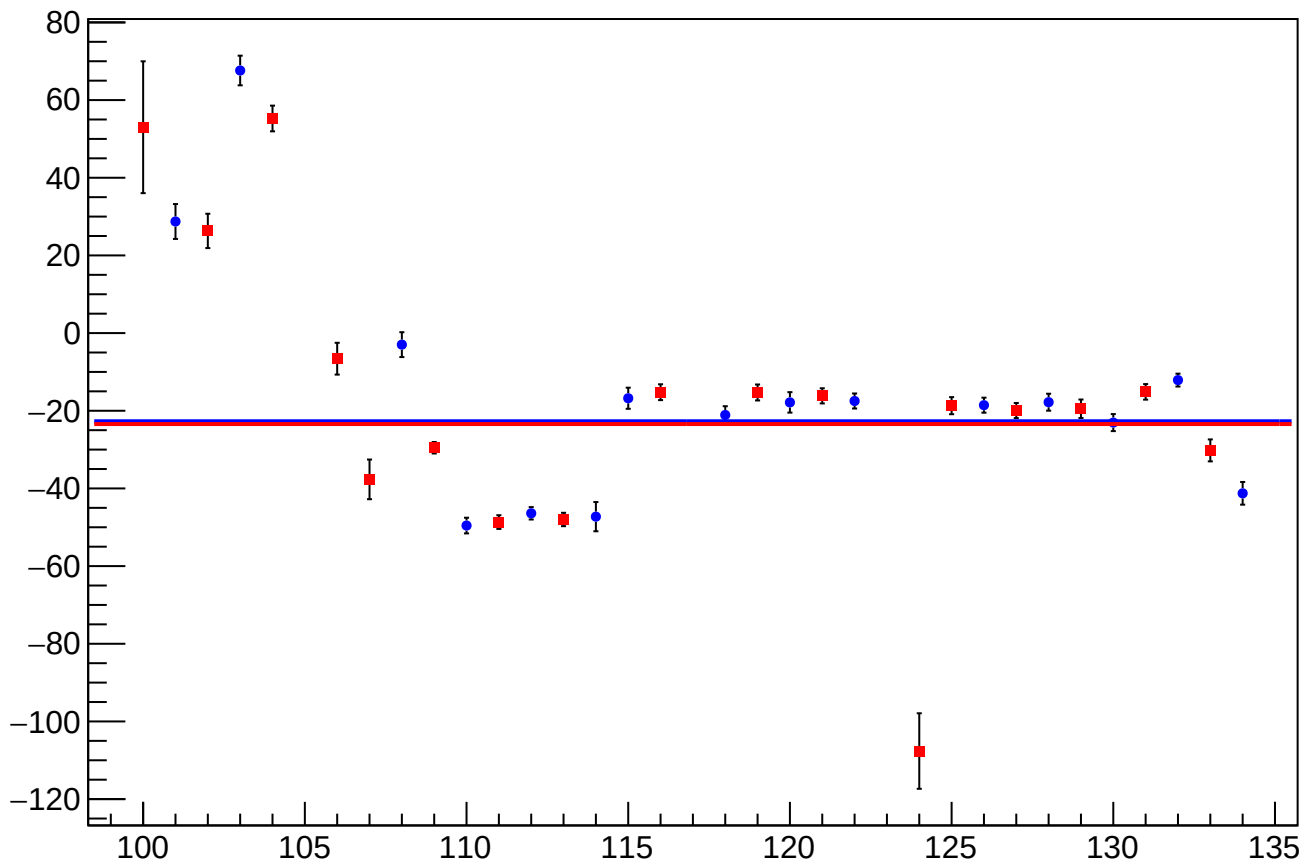
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.987+/-0.058 χ^2/NDF : 257581.3/31

- 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 $\pm$ 0.594 χ^2 /NDF: 1275.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -23.422 $\pm$ 0.565 χ^2 /NDF: 1316.2/16

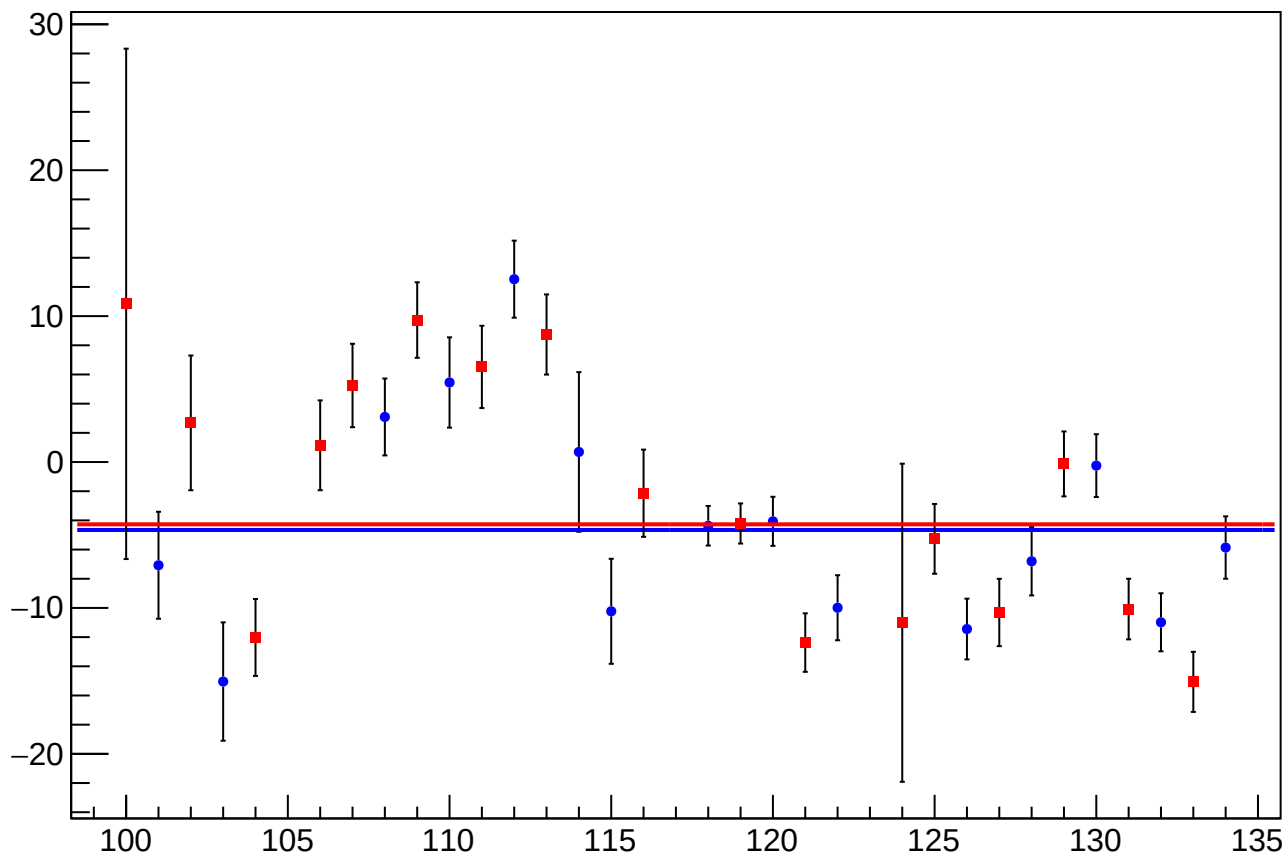
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -23.083 $\pm$ 0.409 χ^2 /NDF: 2592.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /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: -4.270+/-0.602 χ^2/NDF : 155.2/16

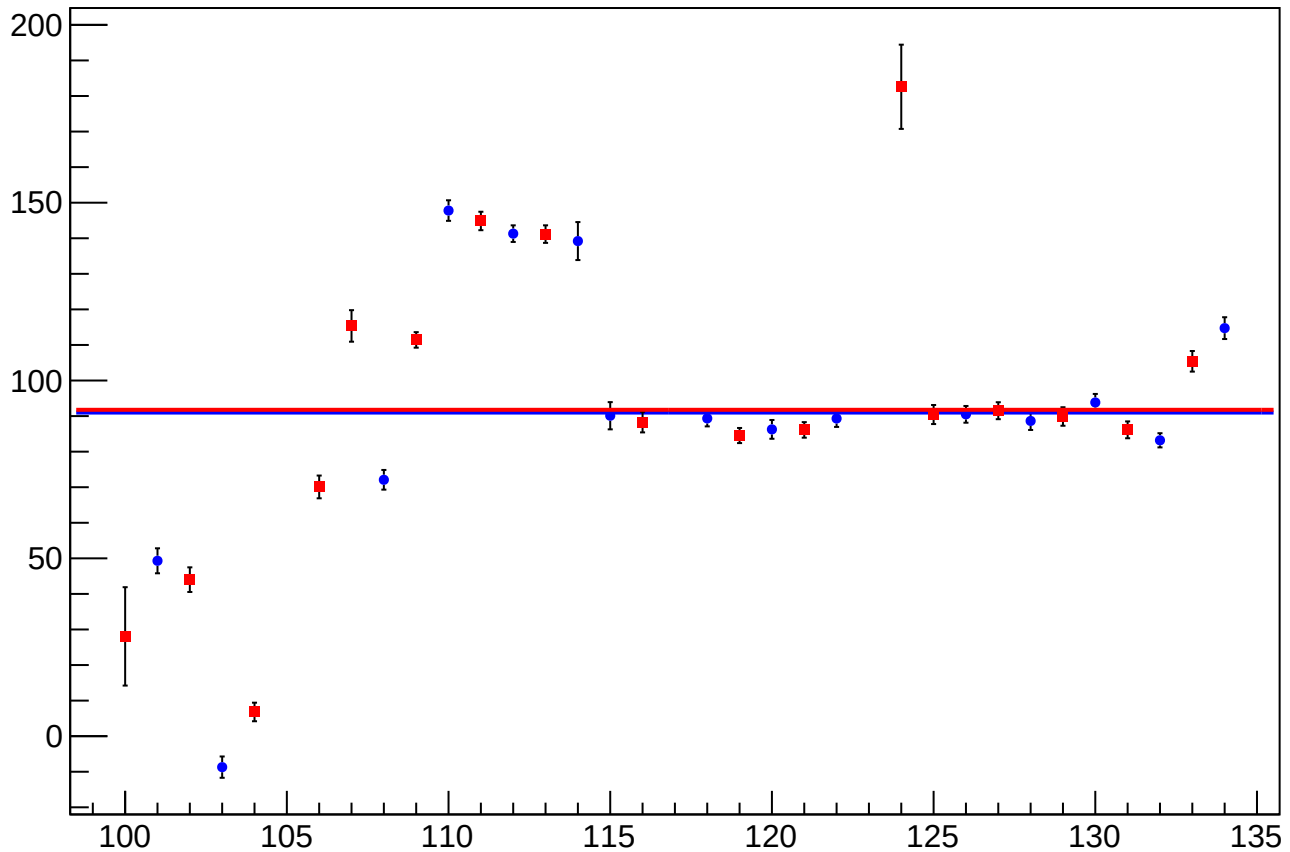
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.465+/-0.423 χ^2/NDF : 259.5/31

- 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: 91.767 $\pm$ 0.671 χ^2 /NDF: 2353.1/16

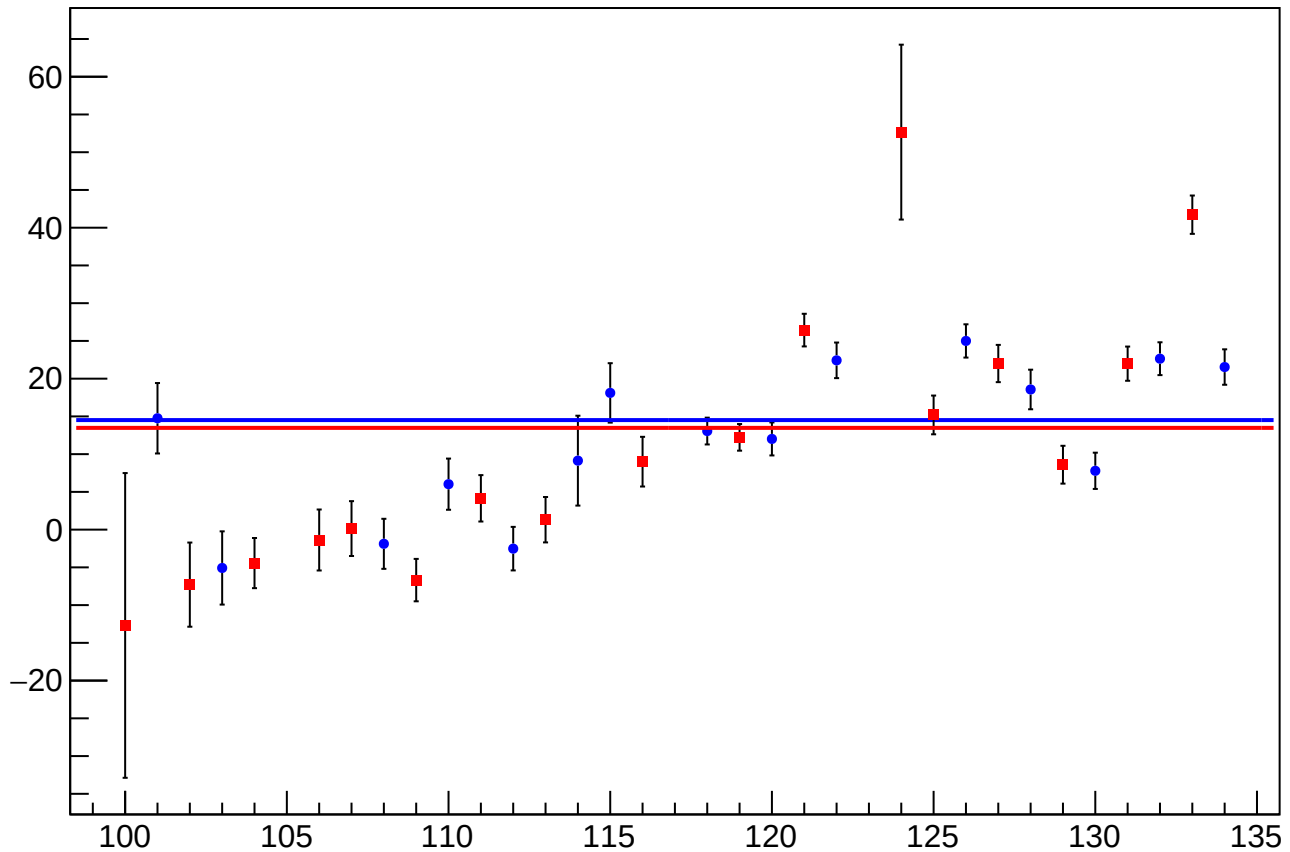
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 91.390 $\pm$ 0.480 χ^2 /NDF: 4661.2/31

- 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 $\pm$ 0.690 χ^2 /NDF: 152.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.481 $\pm$ 0.696 χ^2 /NDF: 352.4/16

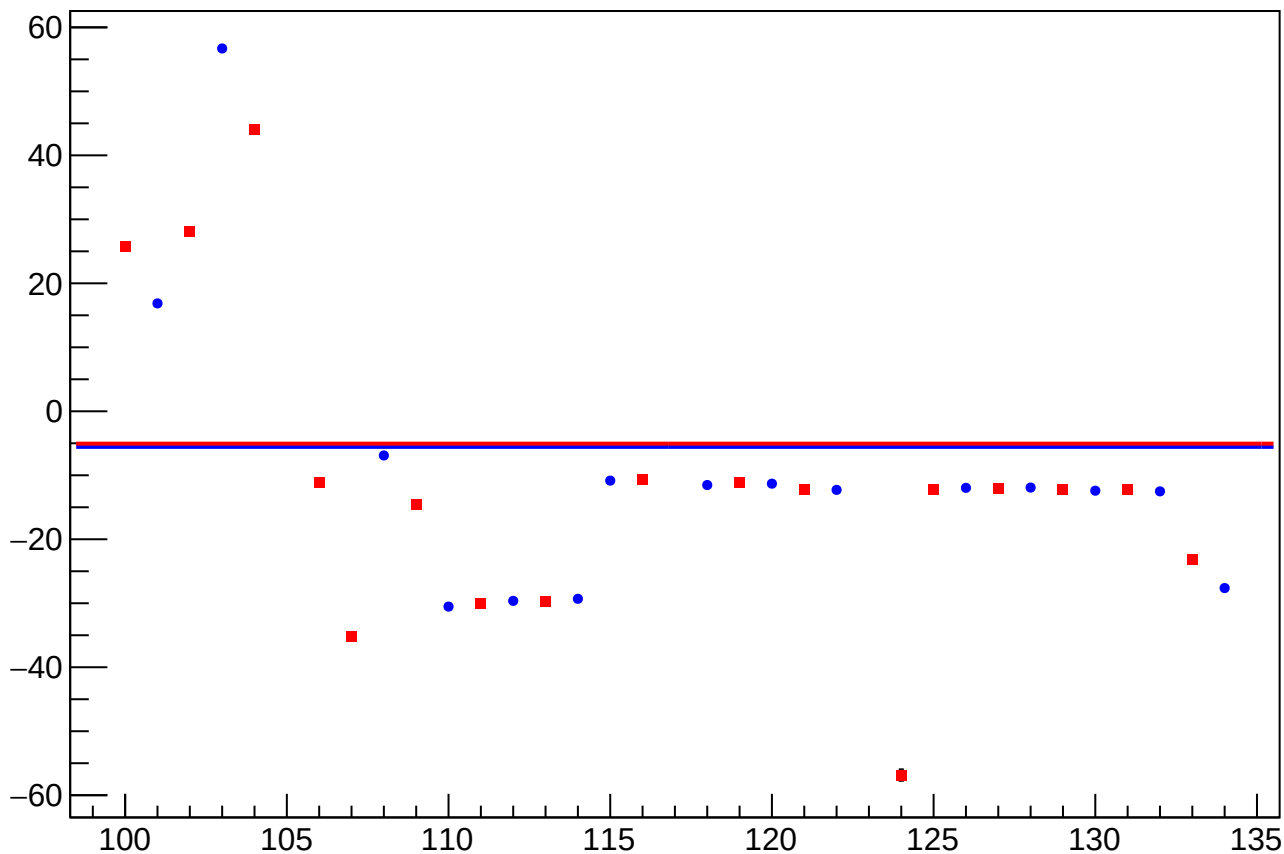
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.001 $\pm$ 0.490 χ^2 /NDF: 506.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_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: -5.058 $\pm$ 0.045 χ^2 /NDF: 287021.5/16

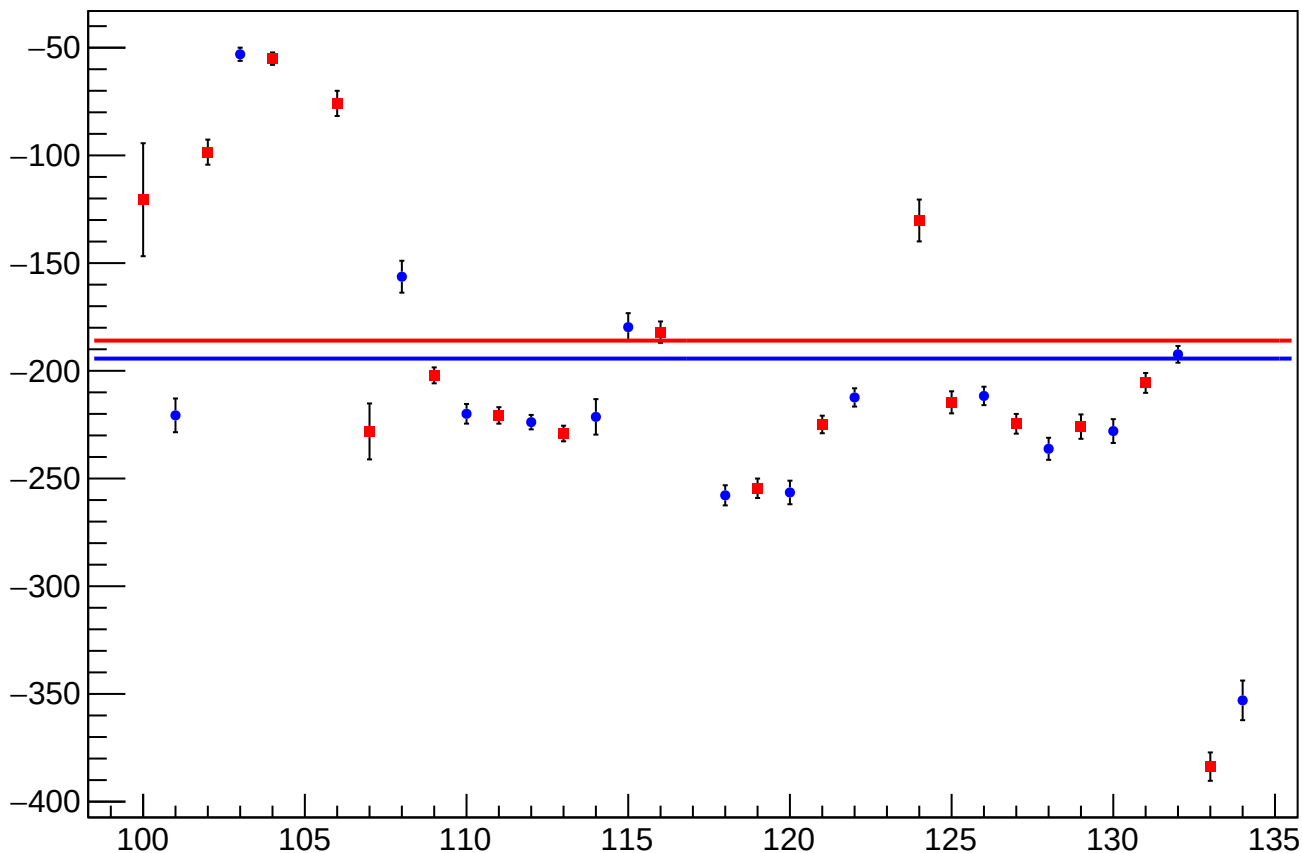
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.314 $\pm$ 0.032 χ^2 /NDF: 621219.6/31

- sign 0.000 $\pm$ 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: -185.974+/-1.153 χ^2/NDF : 4340.8/16

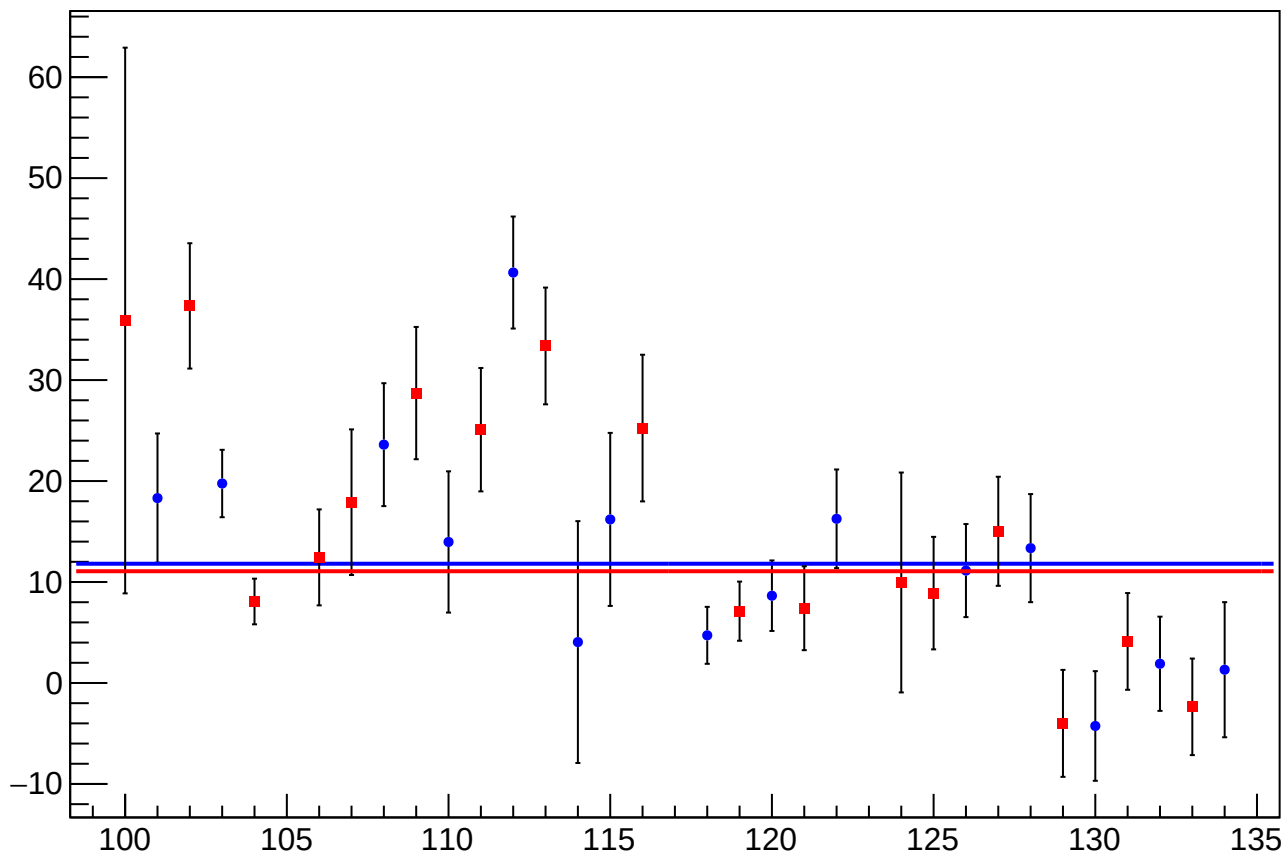
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -189.858+/-0.843 χ^2/NDF : 7398.7/31

- 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 $\pm$ 1.242 χ^2 /NDF: 62.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.068 $\pm$ 1.149 χ^2 /NDF: 74.1/16

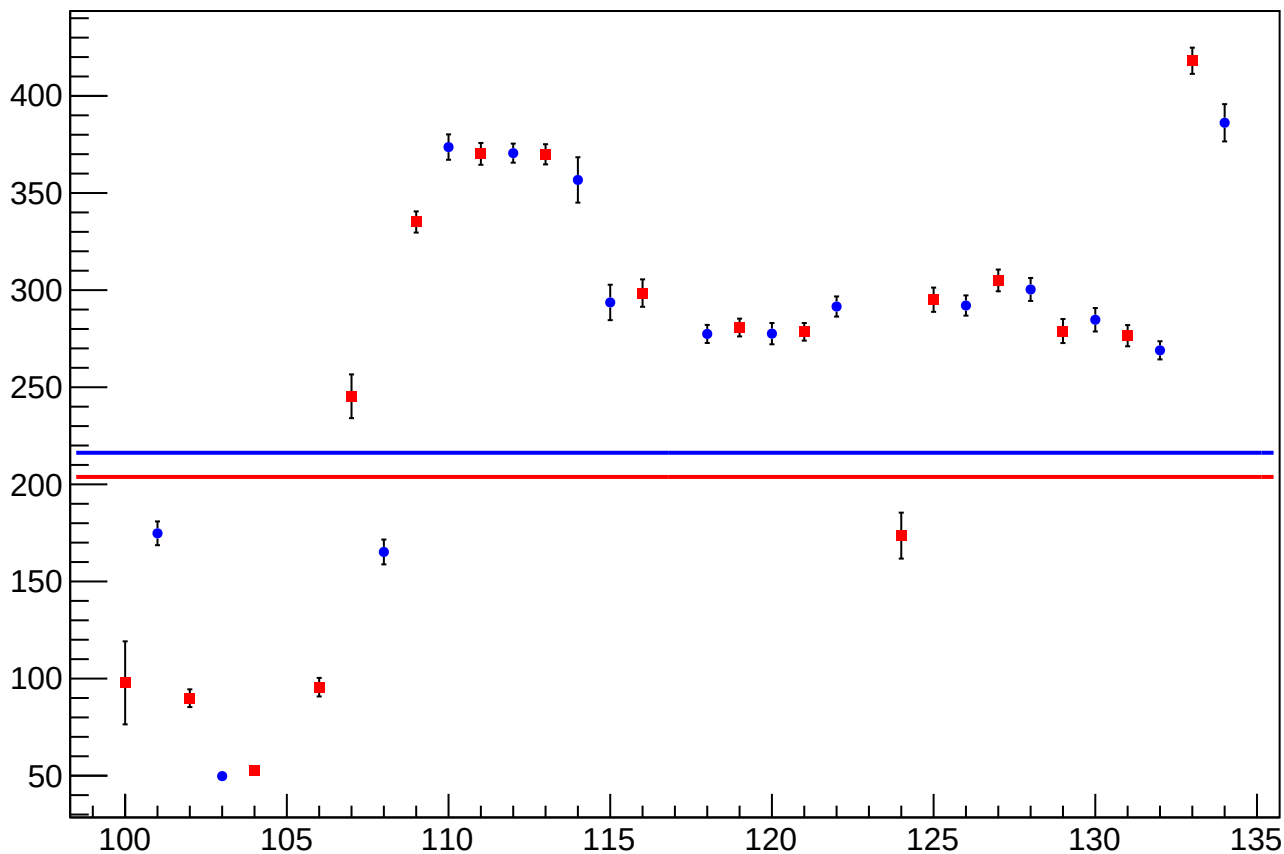
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.410 $\pm$ 0.843 χ^2 /NDF: 136.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 216.266 $\pm$ 1.320 χ^2 /NDF: 8157.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 203.819 $\pm$ 1.230 χ^2 /NDF: 10706.9/16

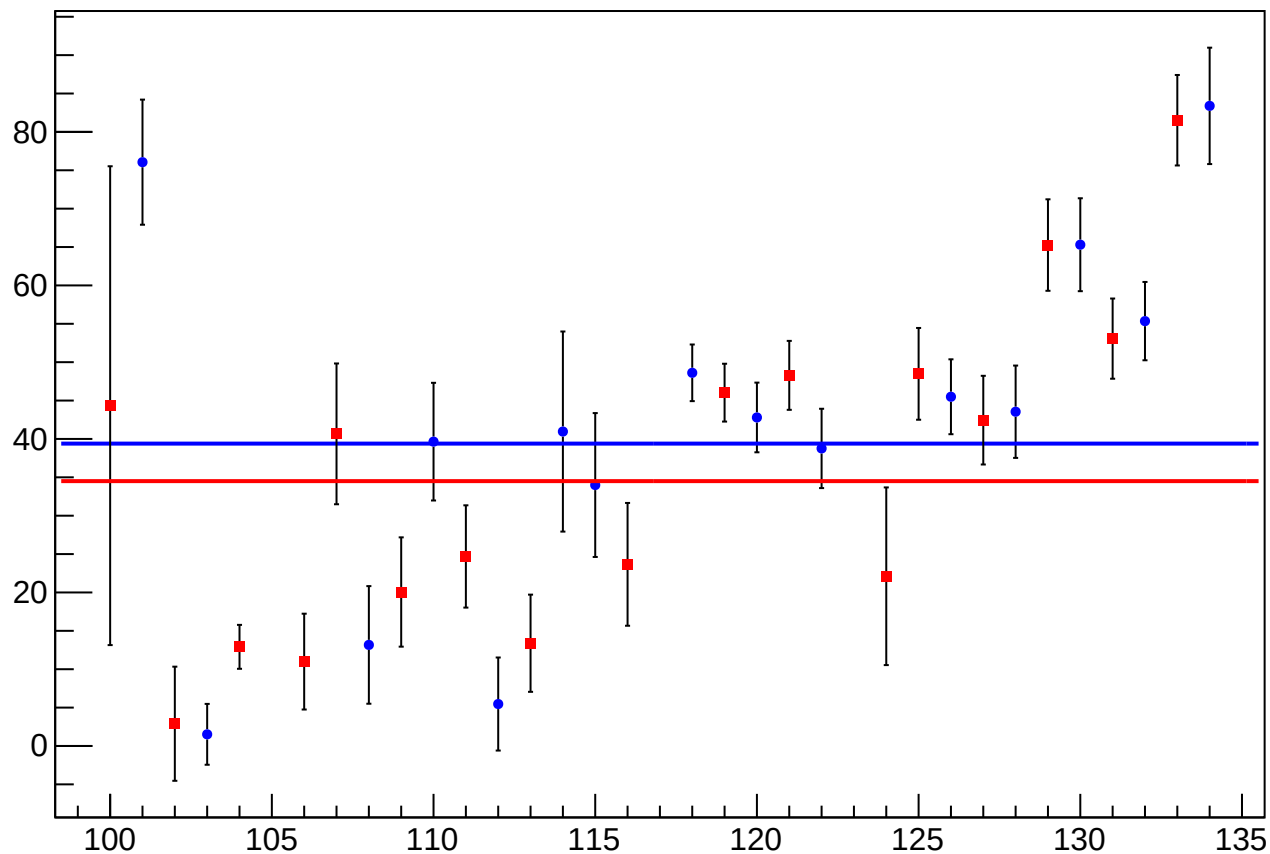
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 209.602 $\pm$ 0.900 χ^2 /NDF: 18912.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 39.392+/-1.459 χ^2/NDF : 225.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.504+/-1.360 χ^2/NDF : 239.1/16

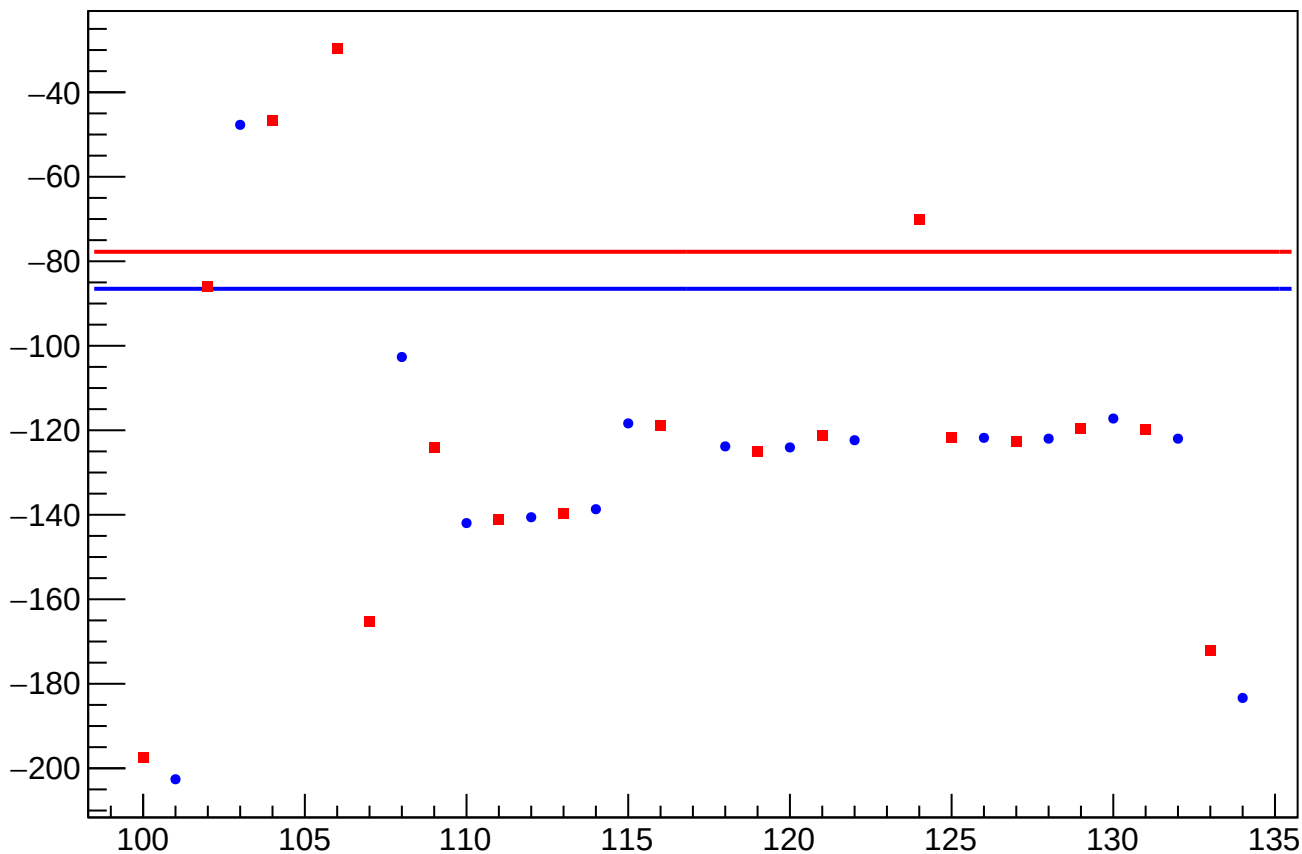
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.776+/-0.995 χ^2/NDF : 470.7/31

- sign 0.000+/-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: -77.750+/-0.071 χ^2/NDF : 354410.9/16

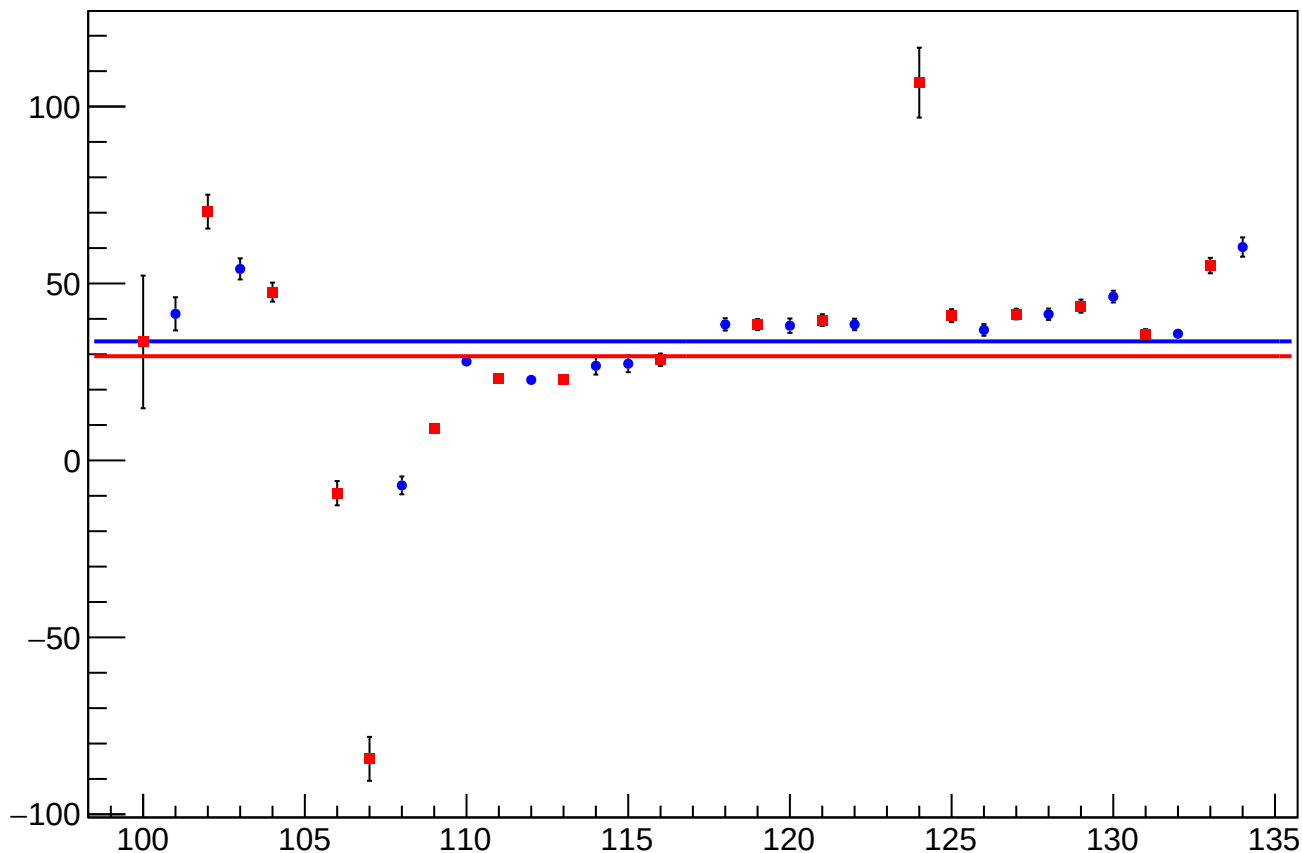
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -81.910+/-0.051 χ^2/NDF : 764097.7/31

- 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: 29.445 $\pm$ 0.434 χ^2 /NDF: 1444.4/16

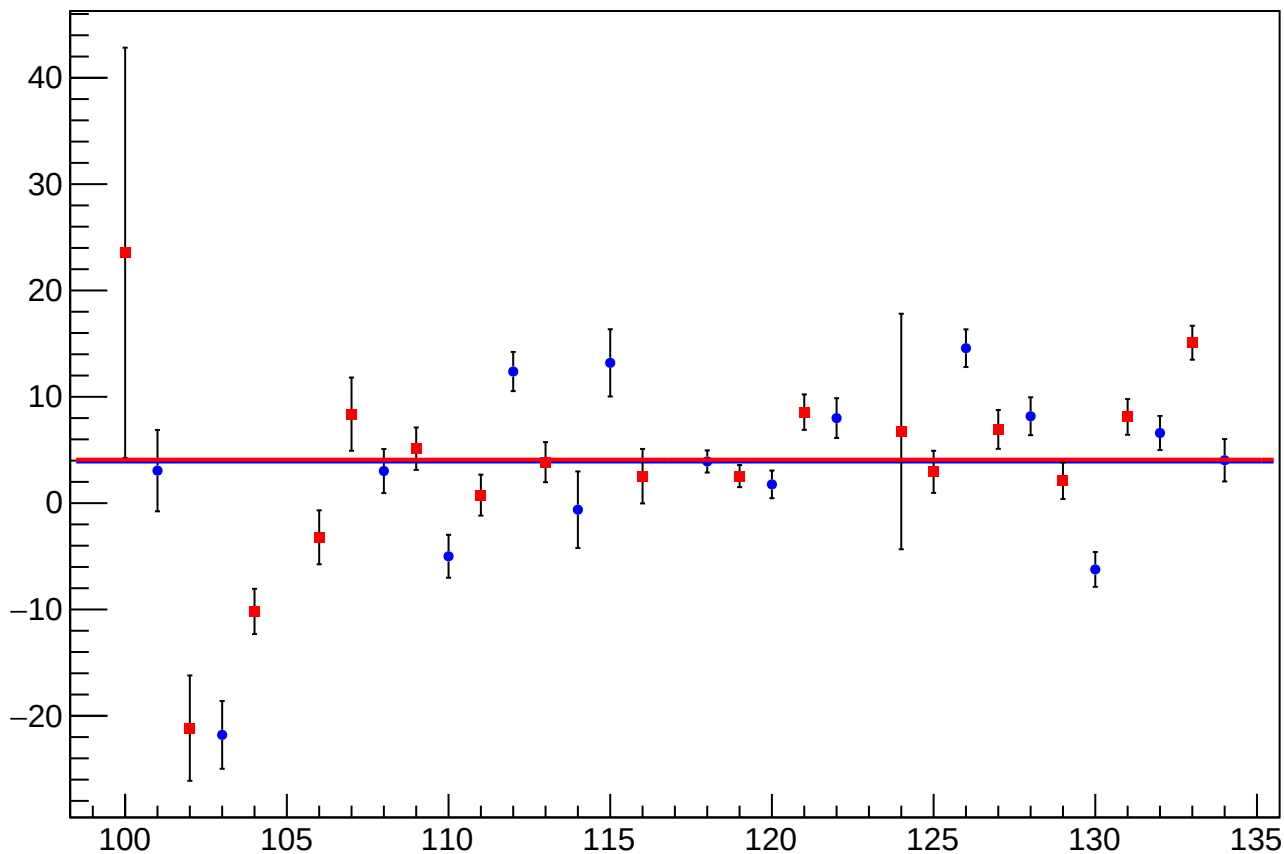
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 31.439 $\pm$ 0.314 χ^2 /NDF: 2132.3/31

- 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+/-0.468 χ^2/NDF : 206.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.089+/-0.477 χ^2/NDF : 152.2/16

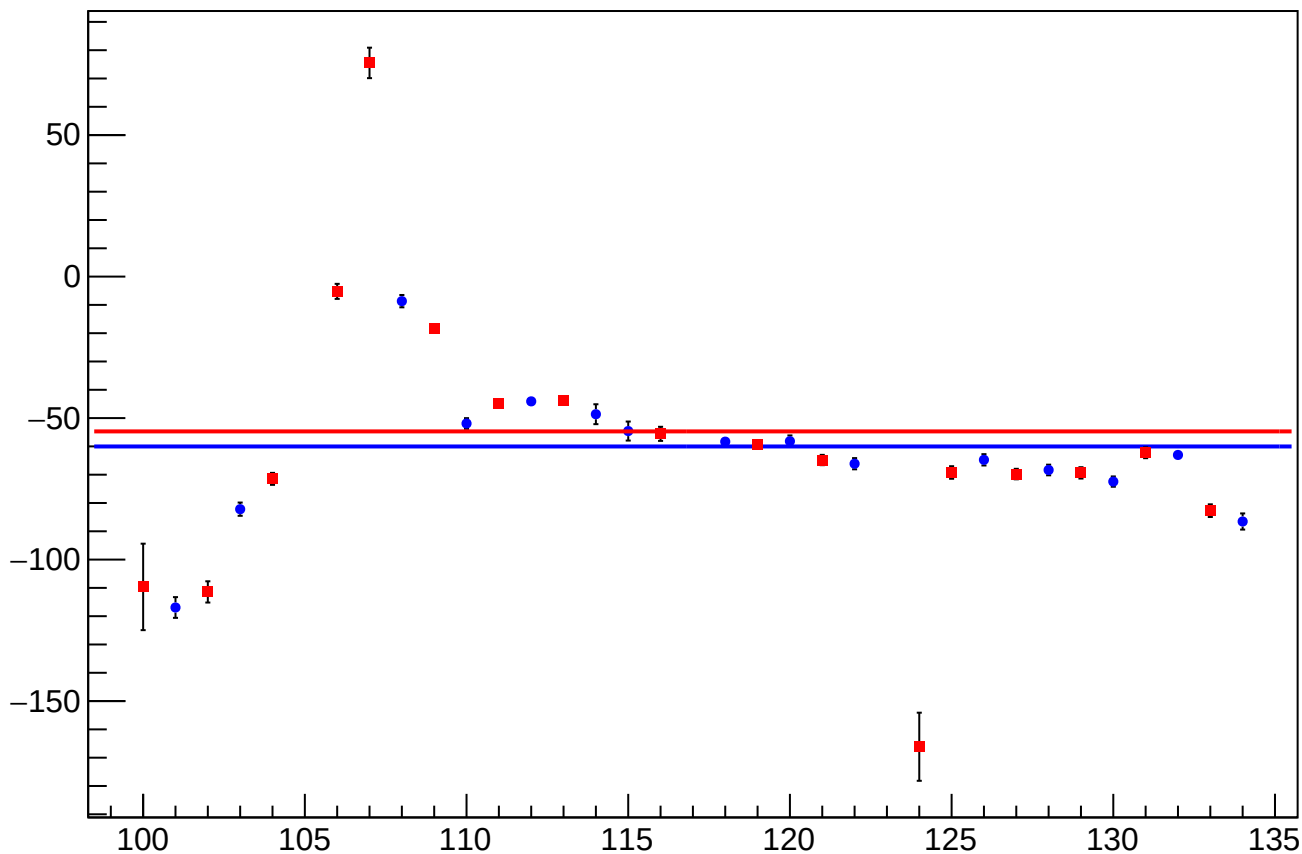
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.001+/-0.334 χ^2/NDF : 358.9/31

- sign 0.000+/-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: -54.703 ± 0.527 χ^2/NDF : 2277.6/16

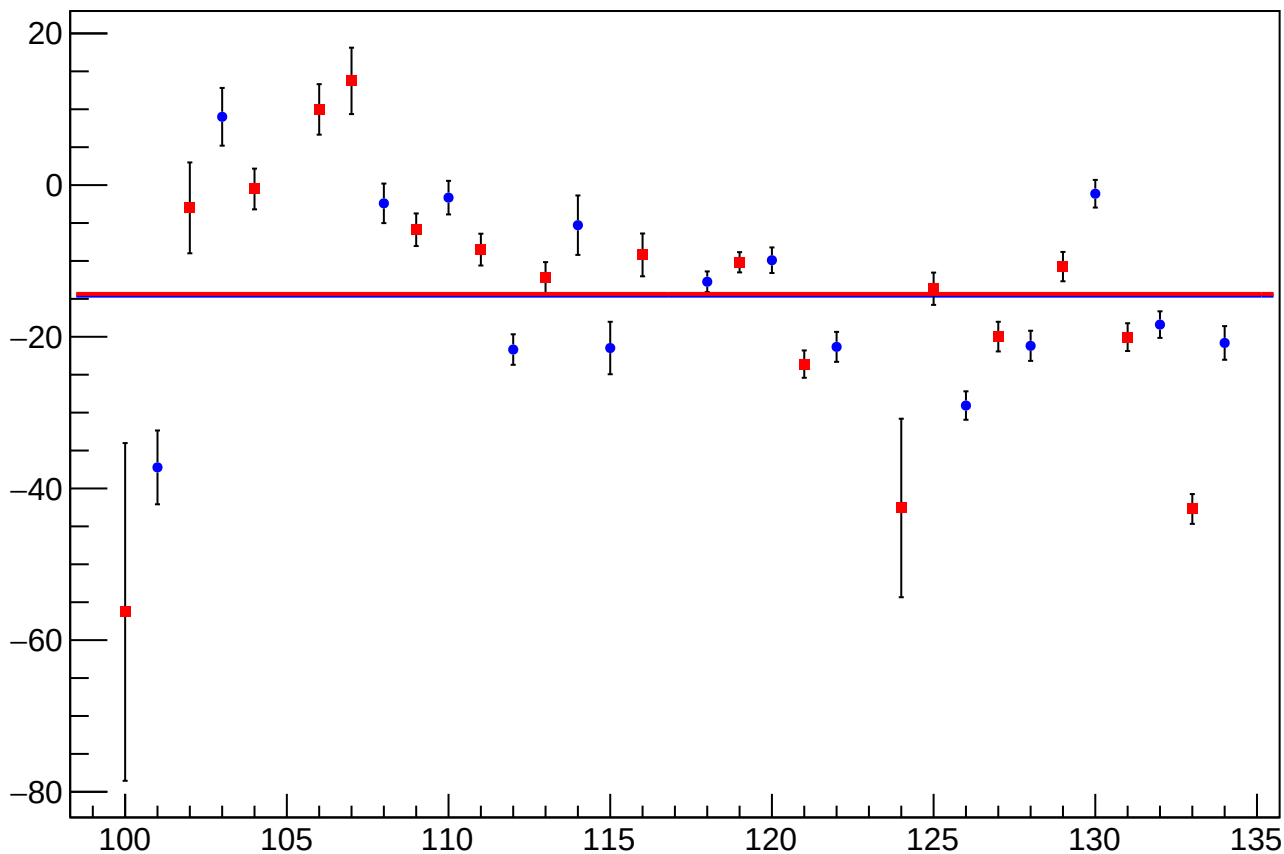
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -57.318 ± 0.376 χ^2/NDF : 3514.6/31

- 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 $\pm$ 0.545 χ^2 /NDF: 296.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -14.348 $\pm$ 0.551 χ^2 /NDF: 427.5/16

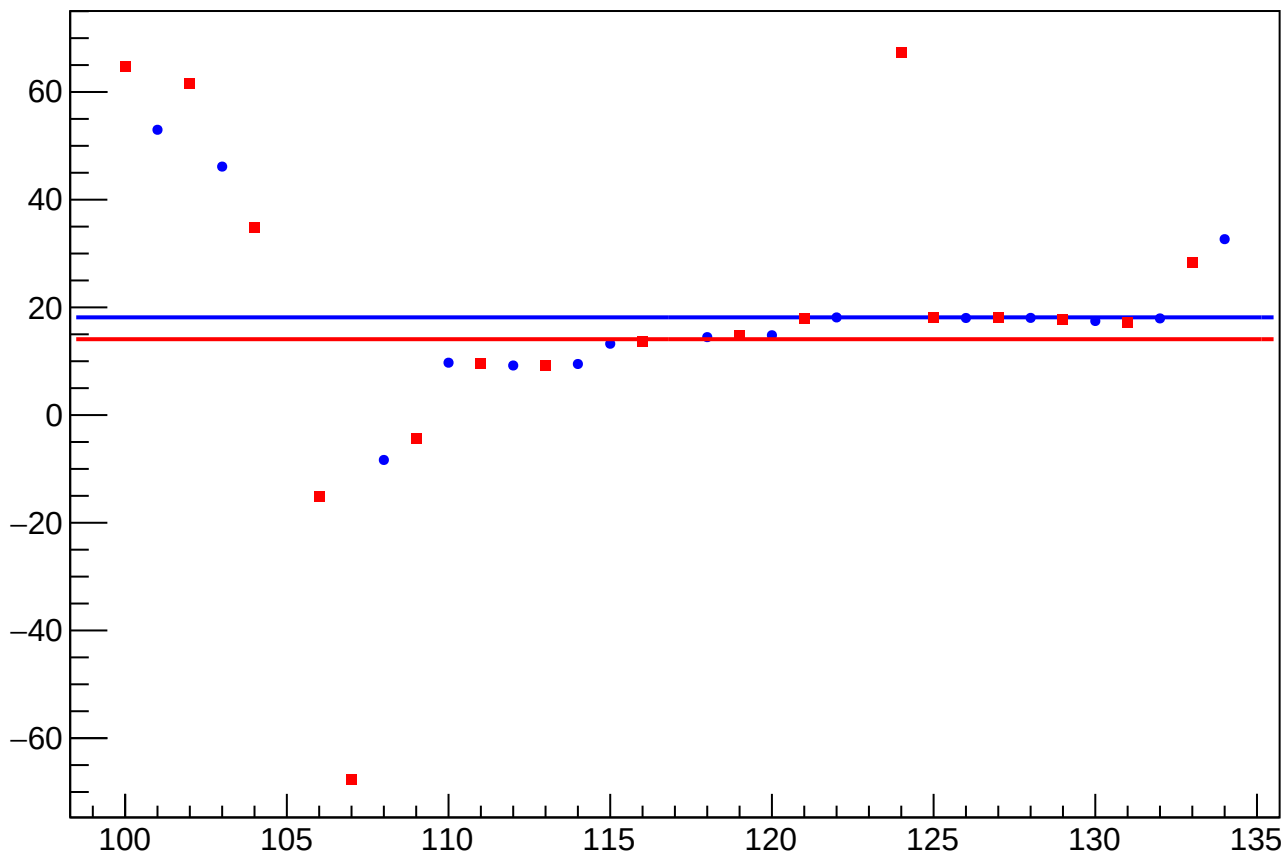
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.463 $\pm$ 0.387 χ^2 /NDF: 724.5/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 18.149 $\pm$ 0.036 χ^2 /NDF: 224108.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.090 $\pm$ 0.037 χ^2 /NDF: 360774.1/16

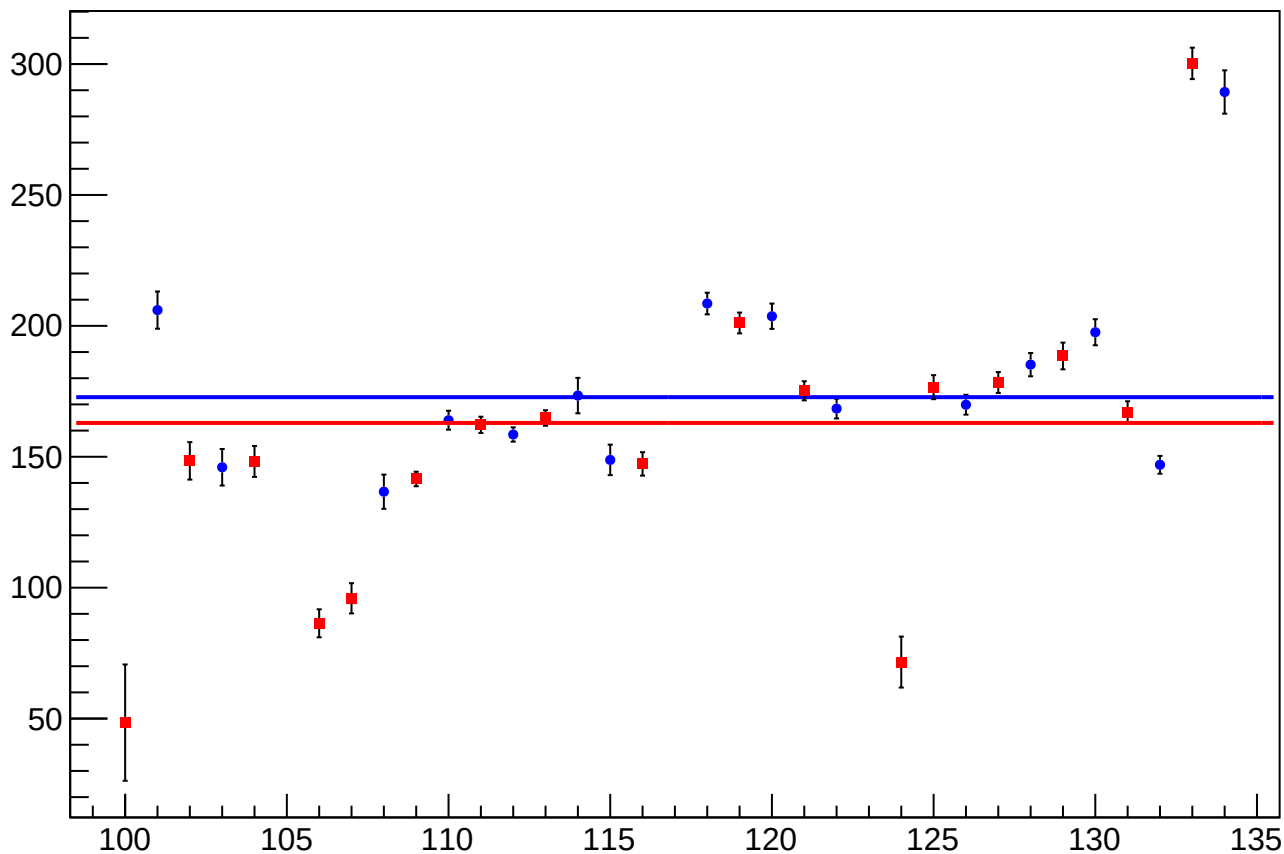
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.197 $\pm$ 0.026 χ^2 /NDF: 591109.4/31

- sign 0.000 $\pm$ 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: 162.921+/-1.055 χ^2/NDF : 1213.8/16

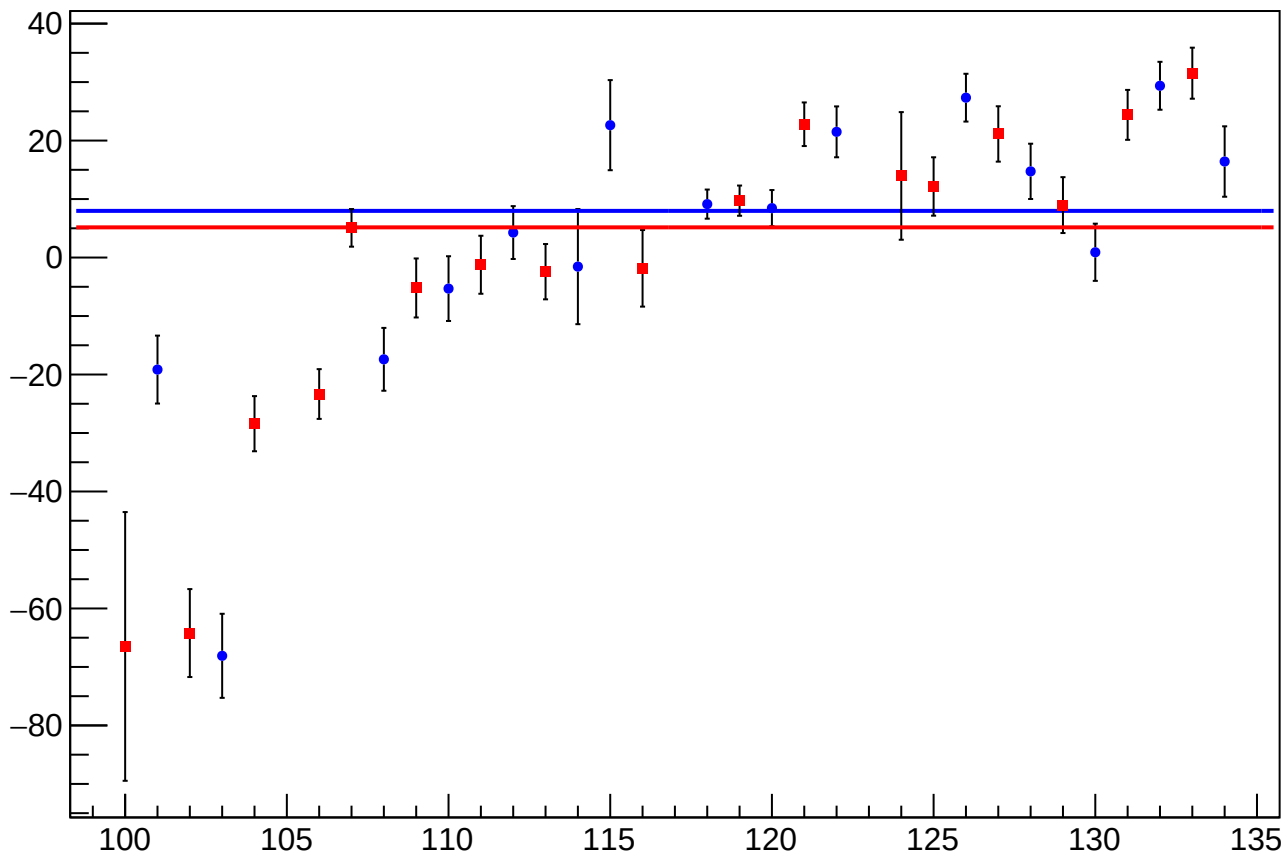
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.430+/-0.777 χ^2/NDF : 1777.1/31

- 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+/-1.159 χ^2/NDF : 232.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.162+/-1.097 χ^2/NDF : 296.9/16

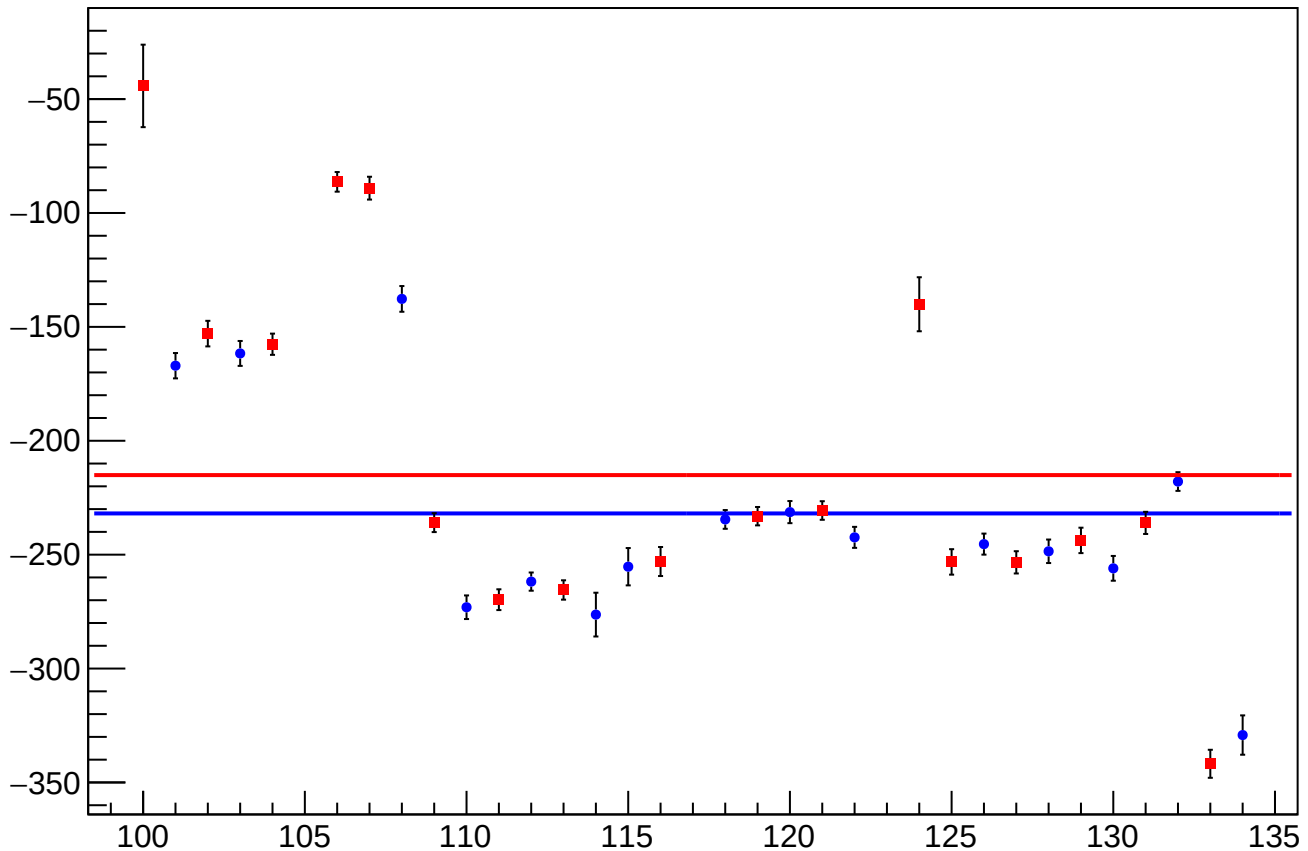
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.494+/-0.797 χ^2/NDF : 532.9/31

- sign 0.000+/-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: -215.069+/-1.227 χ^2/NDF : 2883.3/16

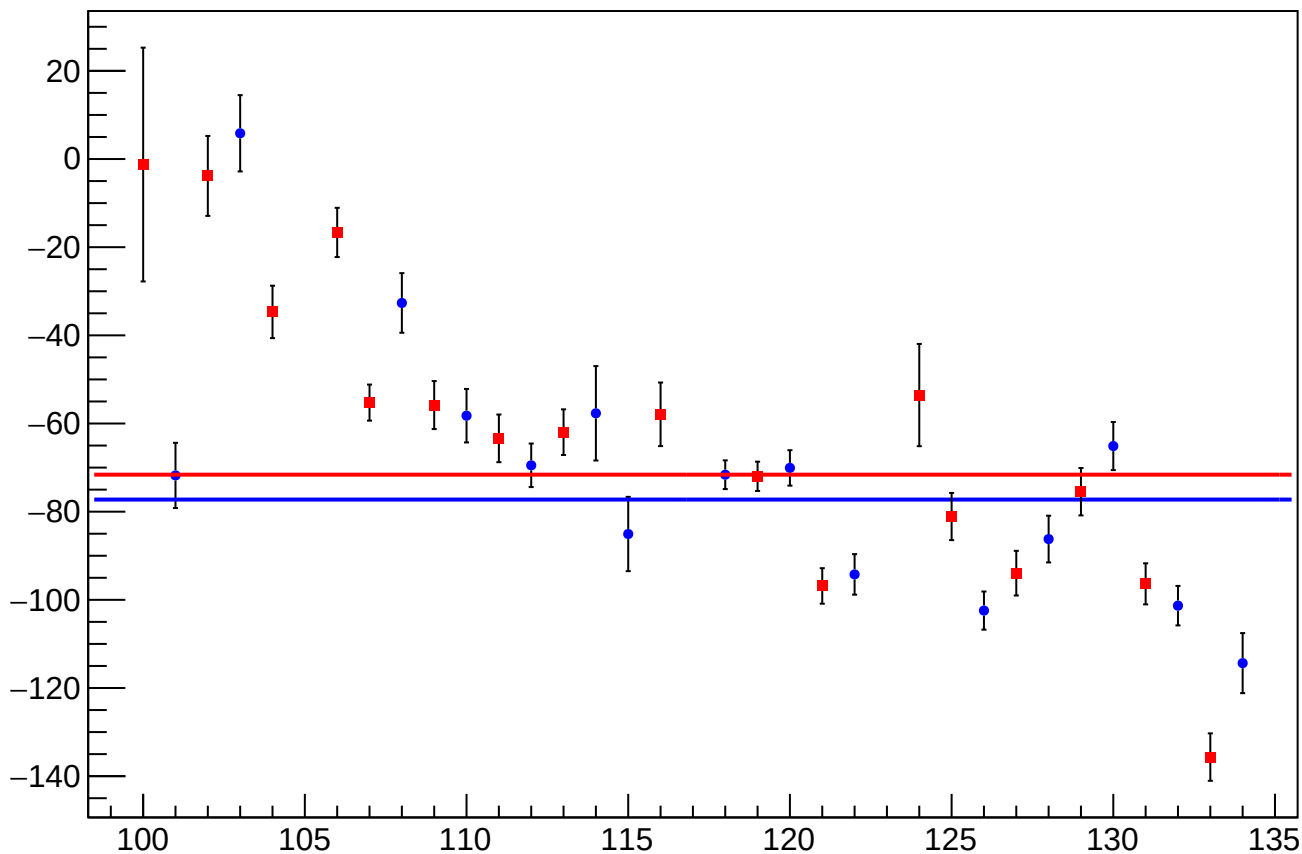
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -222.786+/-0.903 χ^2/NDF : 3880.3/31

- 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 $\pm$ 1.358 χ^2 /NDF: 272.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -71.605 $\pm$ 1.284 χ^2 /NDF: 466.9/16

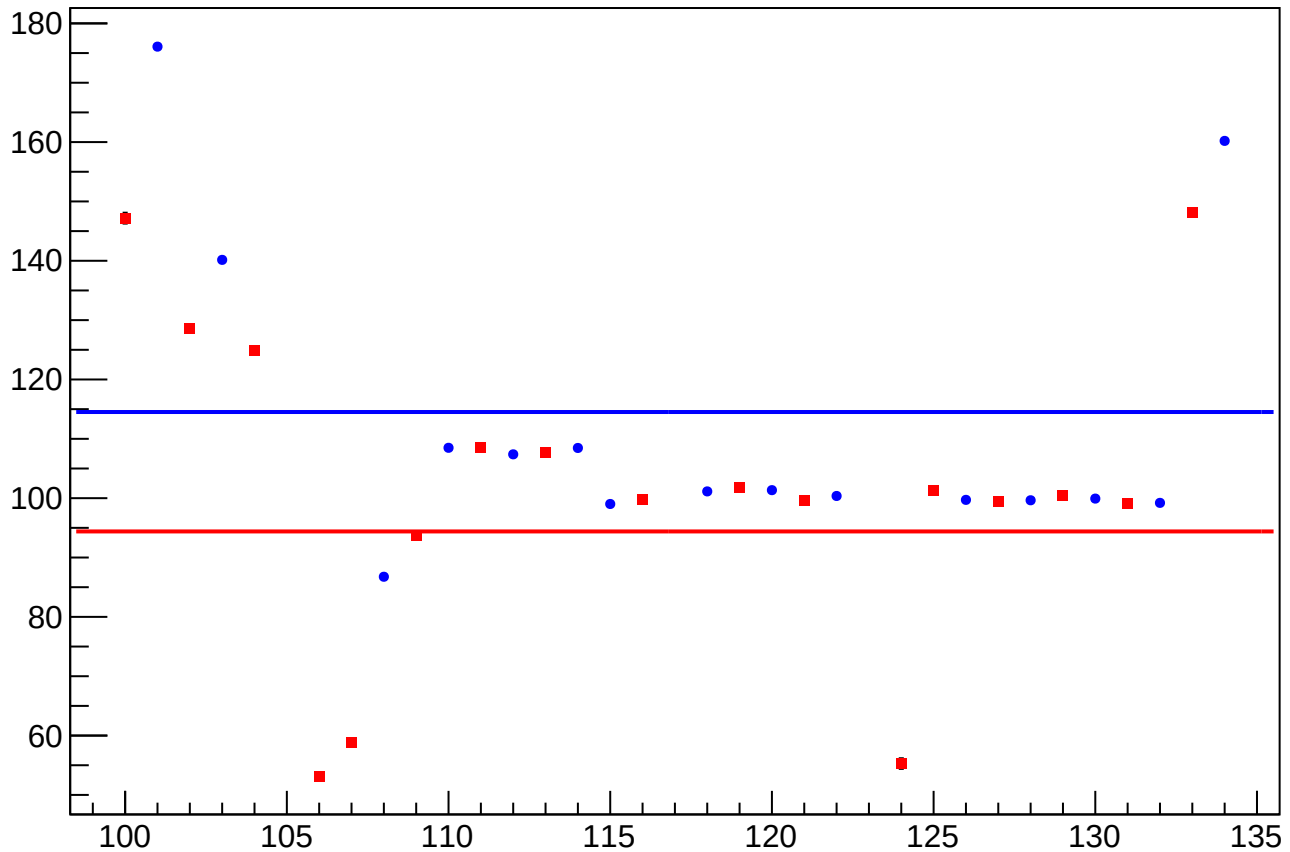
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -74.270 $\pm$ 0.933 χ^2 /NDF: 748.9/31

- sign 0.000 $\pm$ 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: 94.396+/-0.077 χ^2/NDF : 138418.0/16

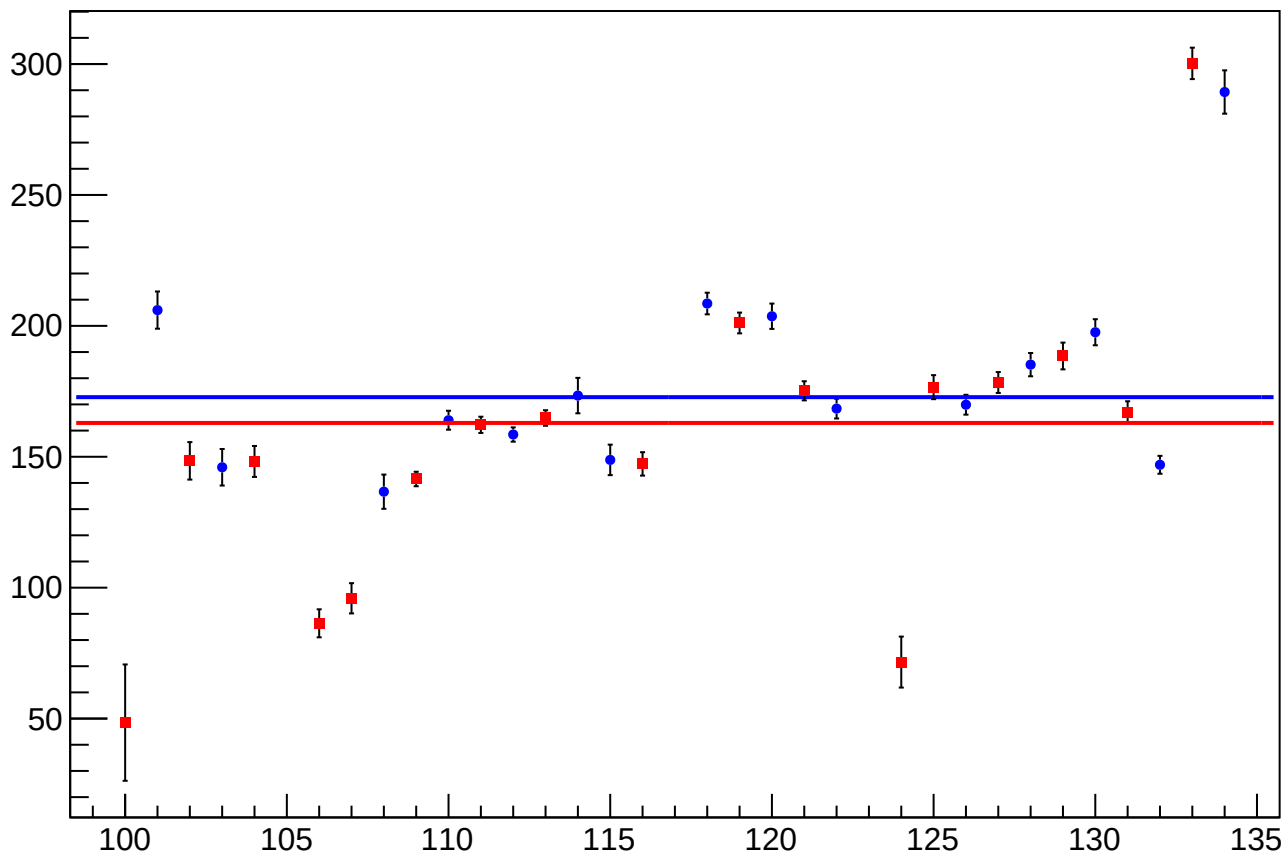
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.987+/-0.058 χ^2/NDF : 257581.3/31

- 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: 162.921+/-1.055 χ^2/NDF : 1213.8/16

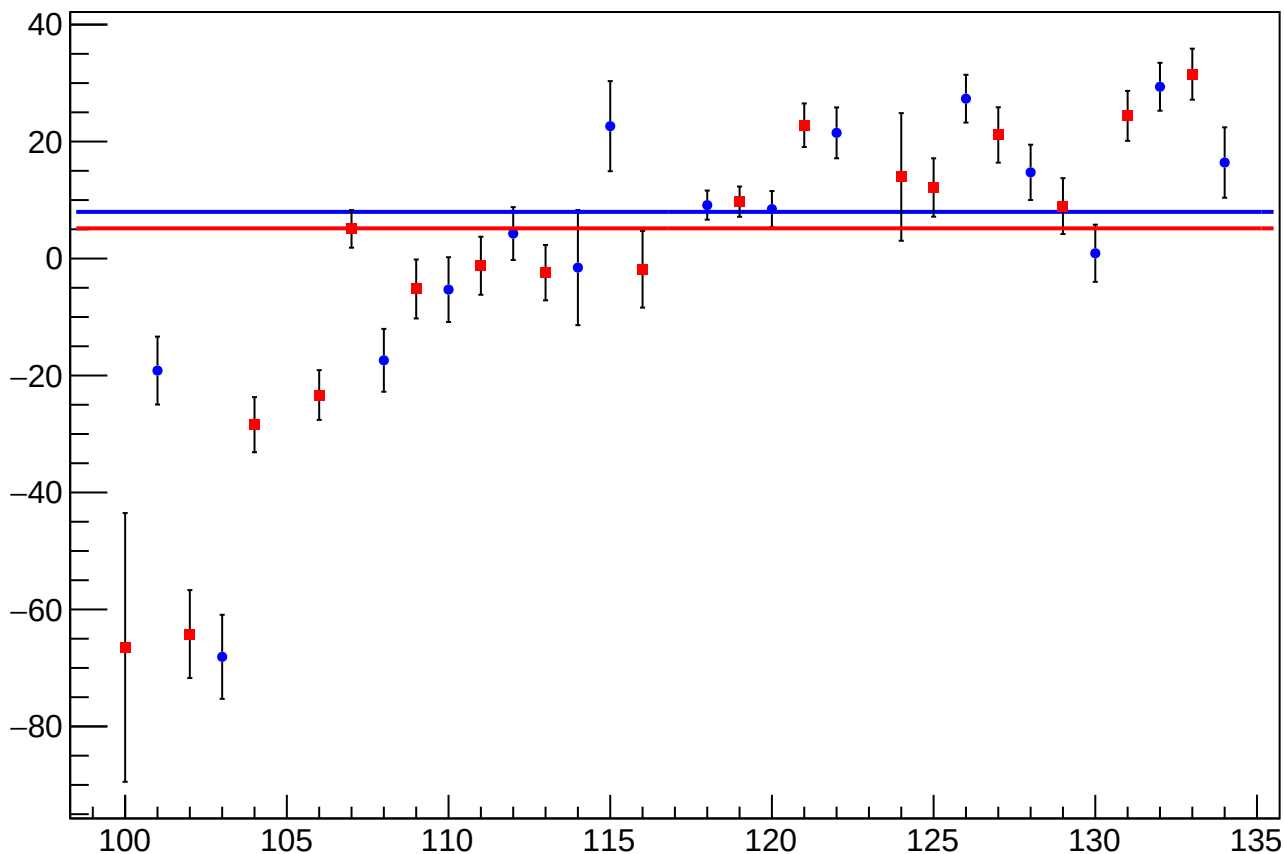
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.430+/-0.777 χ^2/NDF : 1777.1/31

- 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: 5.162+/-1.097 χ^2/NDF : 296.9/16

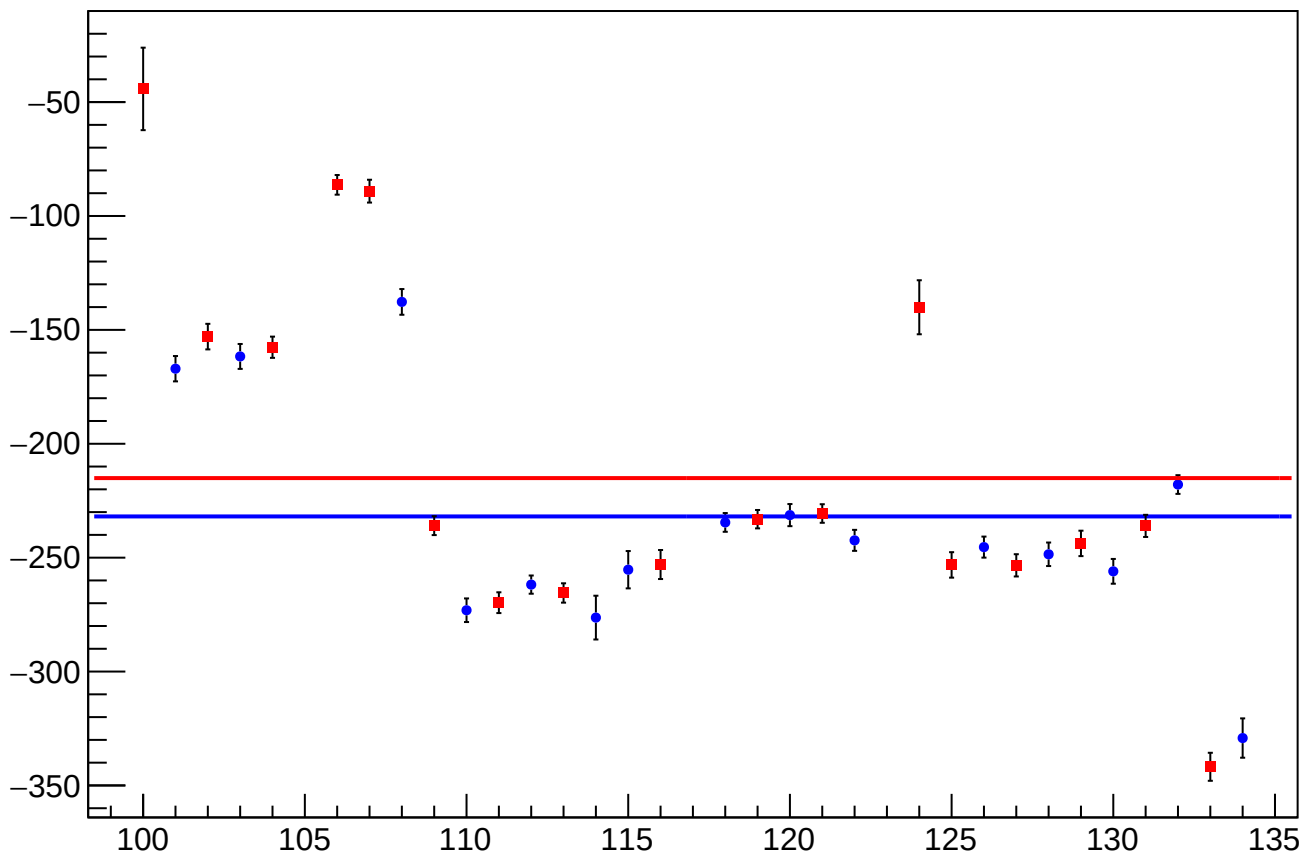
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.494+/-0.797 χ^2/NDF : 532.9/31

- 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: -215.069 ± 1.227 χ^2/NDF : 2883.3/16

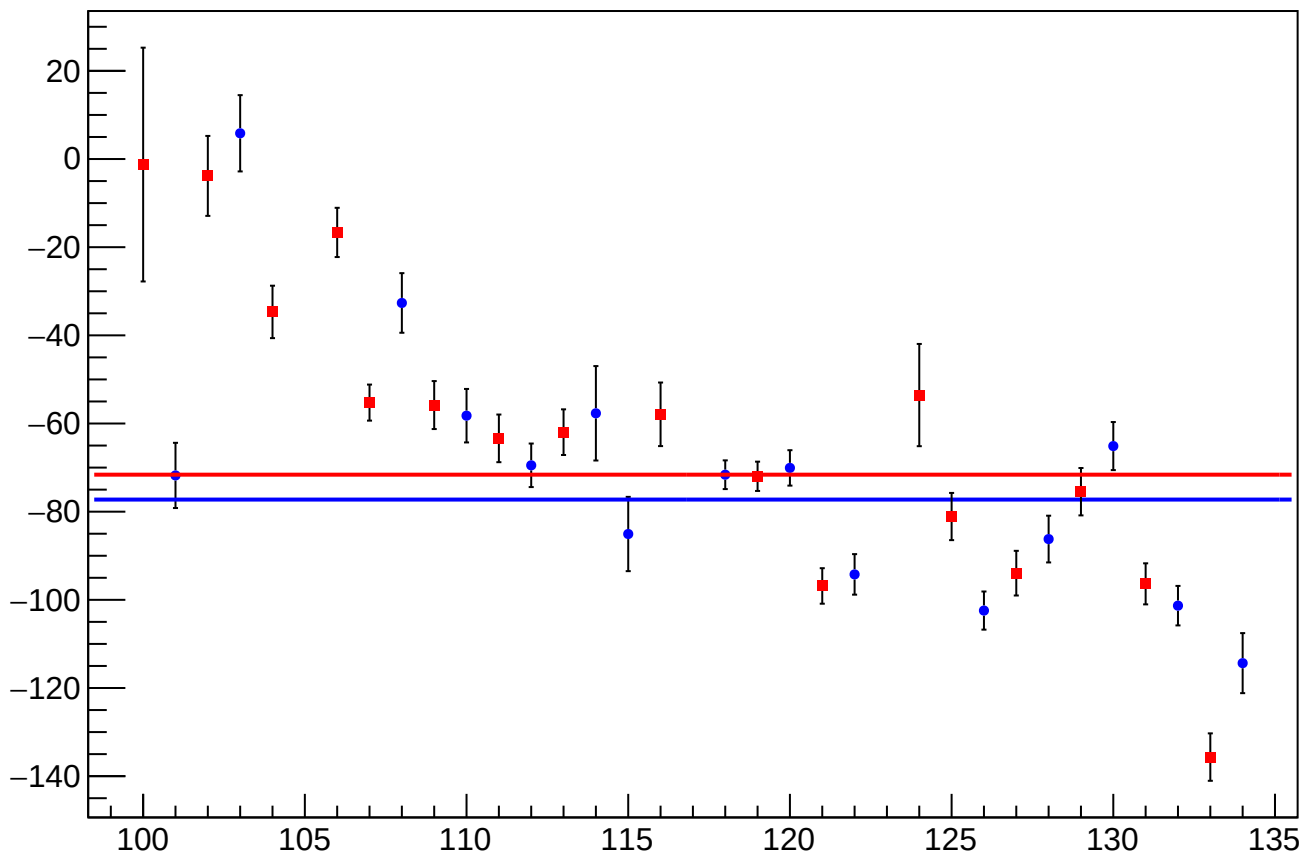
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -222.786 ± 0.903 χ^2/NDF : 3880.3/31

- 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 $\pm$ 1.358 χ^2 /NDF: 272.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -71.605 $\pm$ 1.284 χ^2 /NDF: 466.9/16

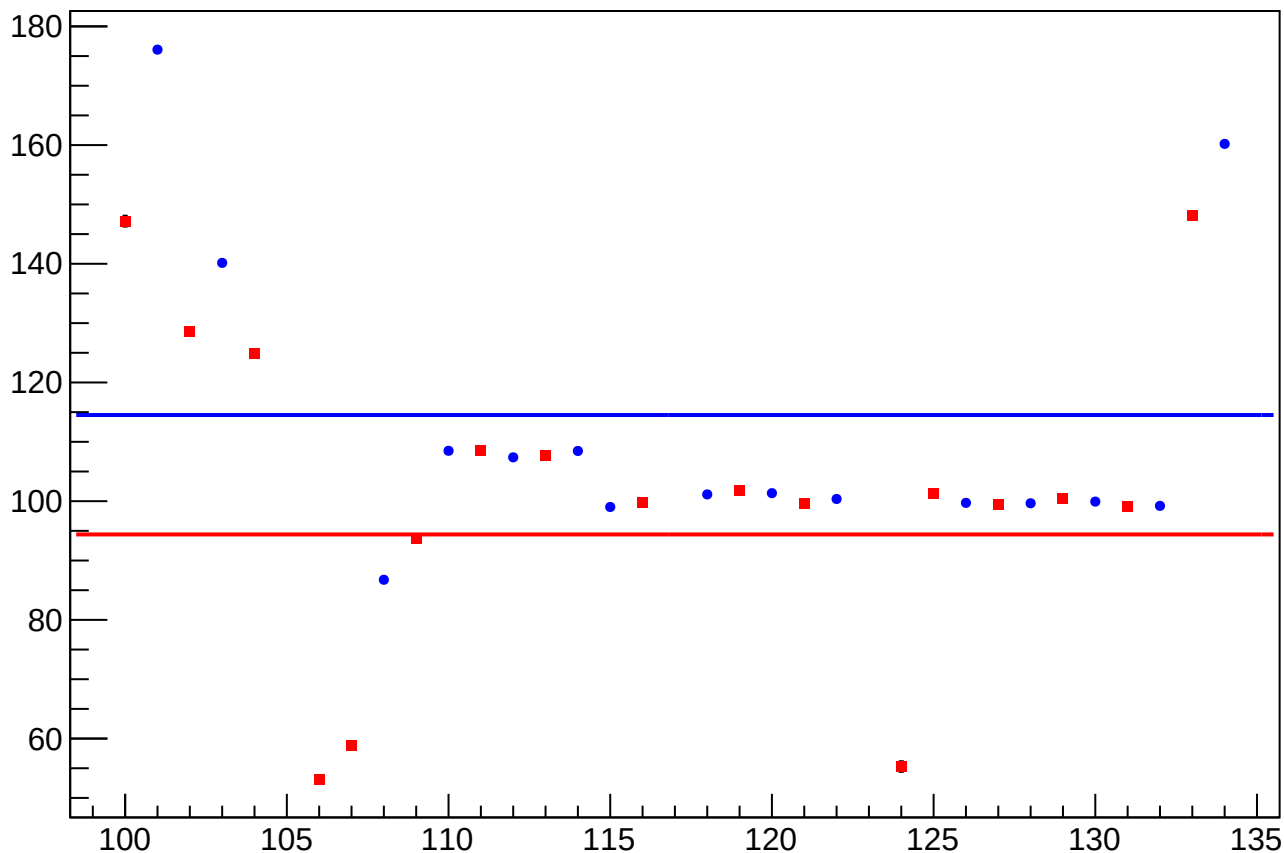
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -74.270 $\pm$ 0.933 χ^2 /NDF: 748.9/31

- sign 0.000 $\pm$ 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: 94.396+/-0.077 χ^2/NDF : 138418.0/16

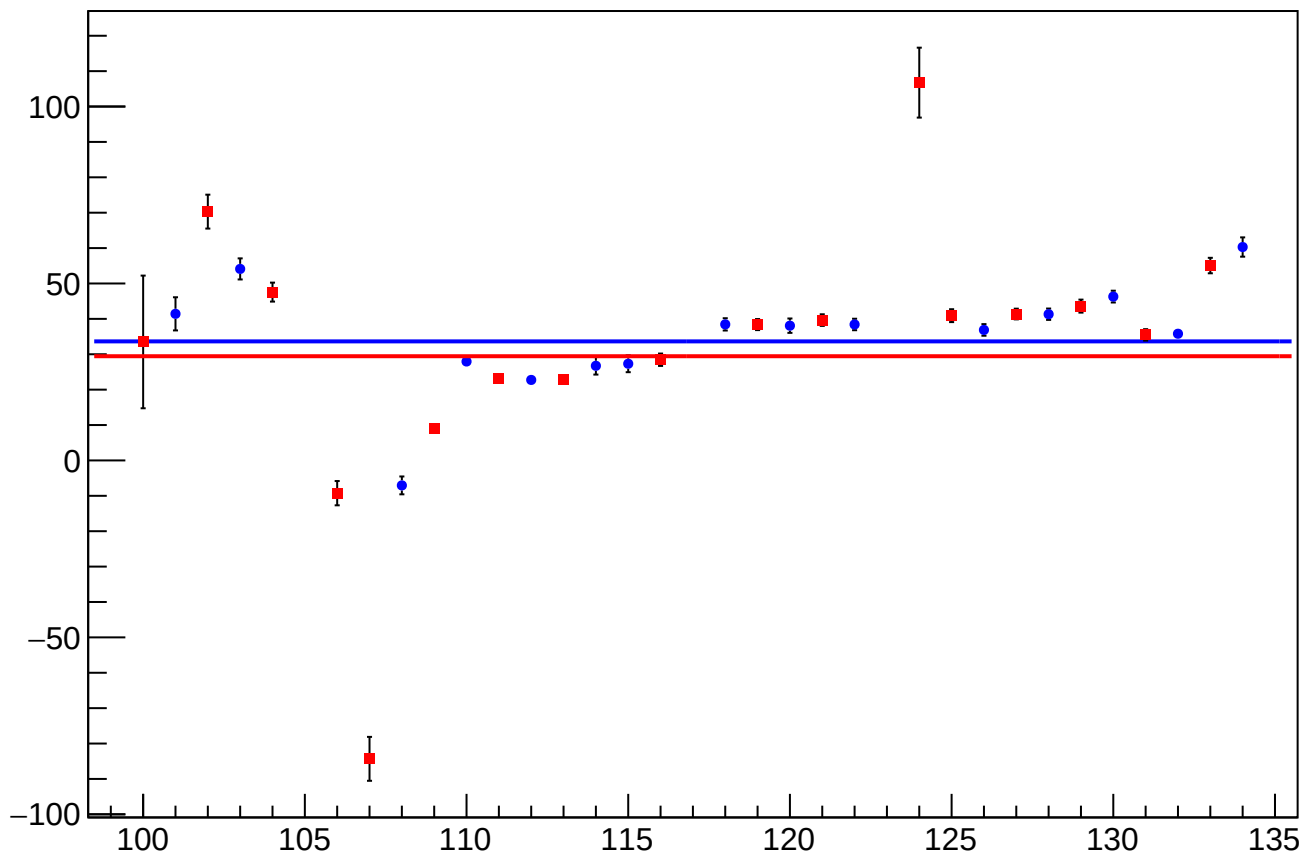
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.987+/-0.058 χ^2/NDF : 257581.3/31

- 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 $\pm$ 0.456 χ^2/NDF : 643.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 29.445 $\pm$ 0.434 χ^2/NDF : 1444.4/16

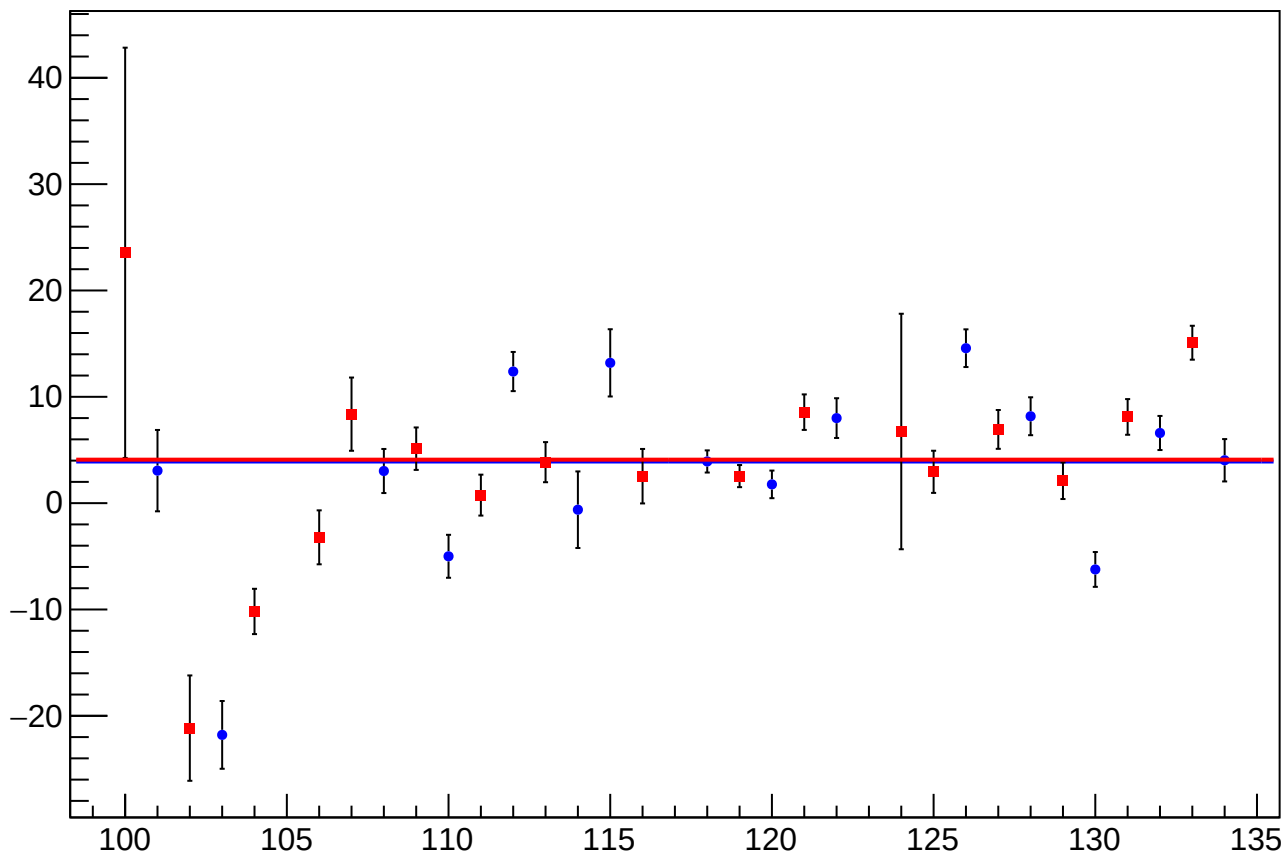
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 31.439 $\pm$ 0.314 χ^2/NDF : 2132.3/31

- sign 0.000 $\pm$ 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: 4.089 $\pm$ 0.477 χ^2 /NDF: 152.2/16

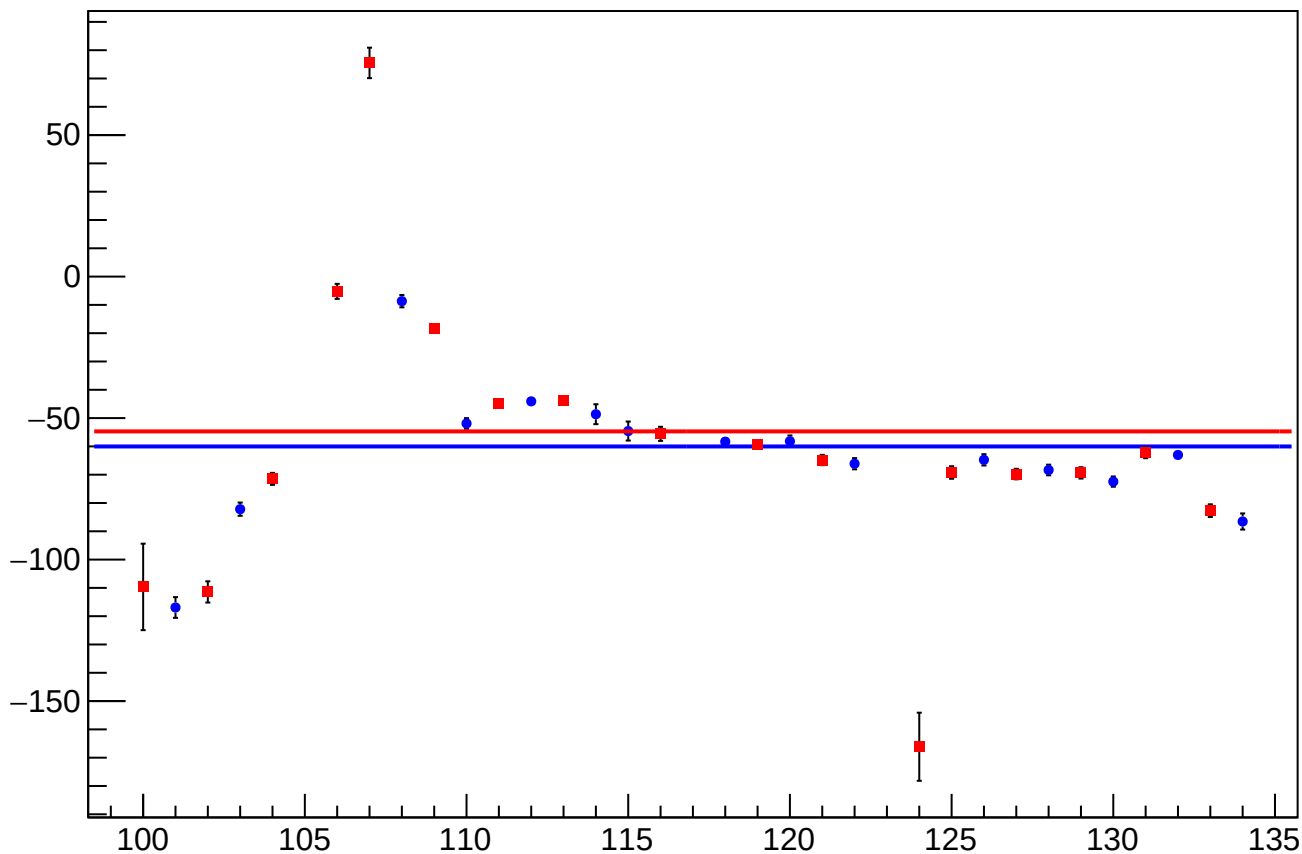
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.001 $\pm$ 0.334 χ^2 /NDF: 358.9/31

- 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 $\chi^2/\text{NDF}: 1186.9/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -54.703 ± 0.527 $\chi^2/\text{NDF}: 2277.6/16$

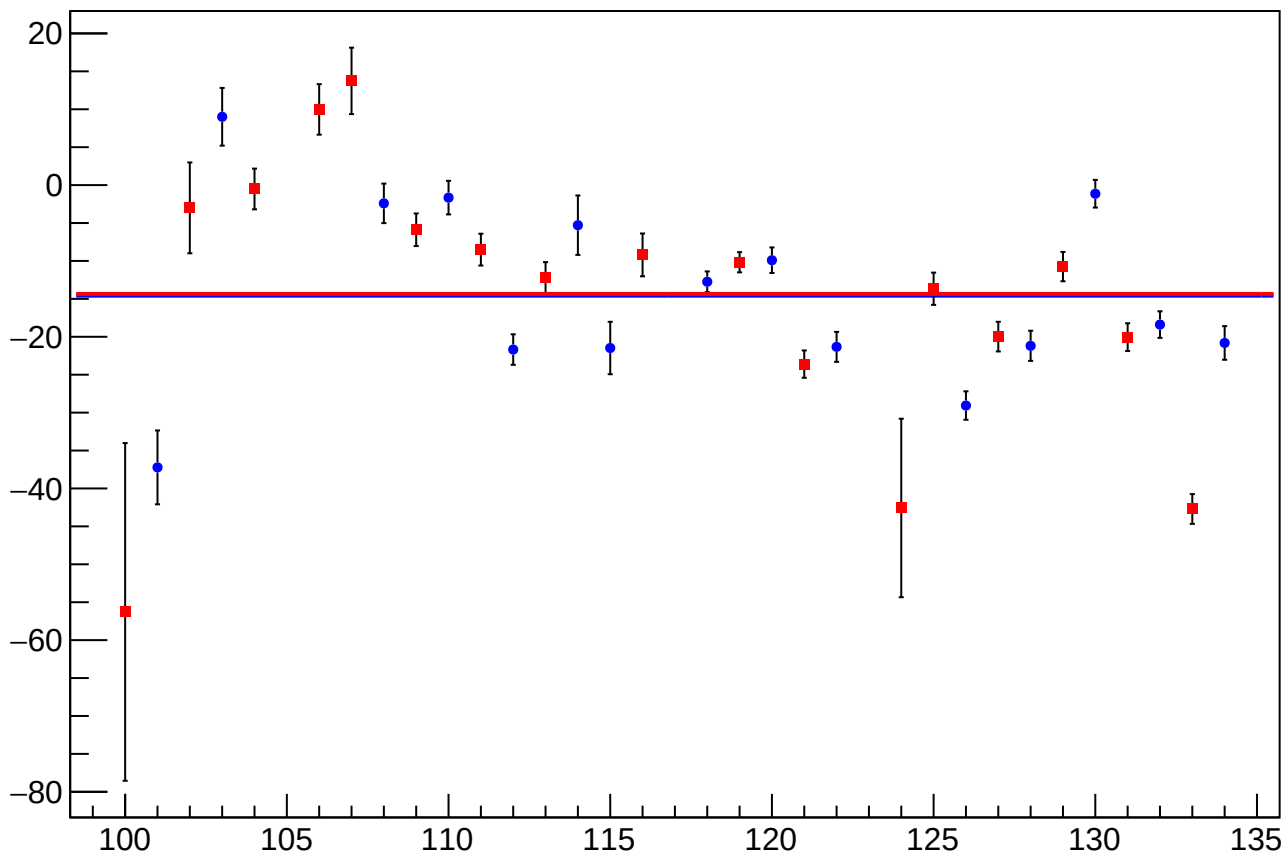
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -57.318 ± 0.376 $\chi^2/\text{NDF}: 3514.6/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -14.575 $\pm$ 0.545 χ^2 /NDF: 296.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -14.348 $\pm$ 0.551 χ^2 /NDF: 427.5/16

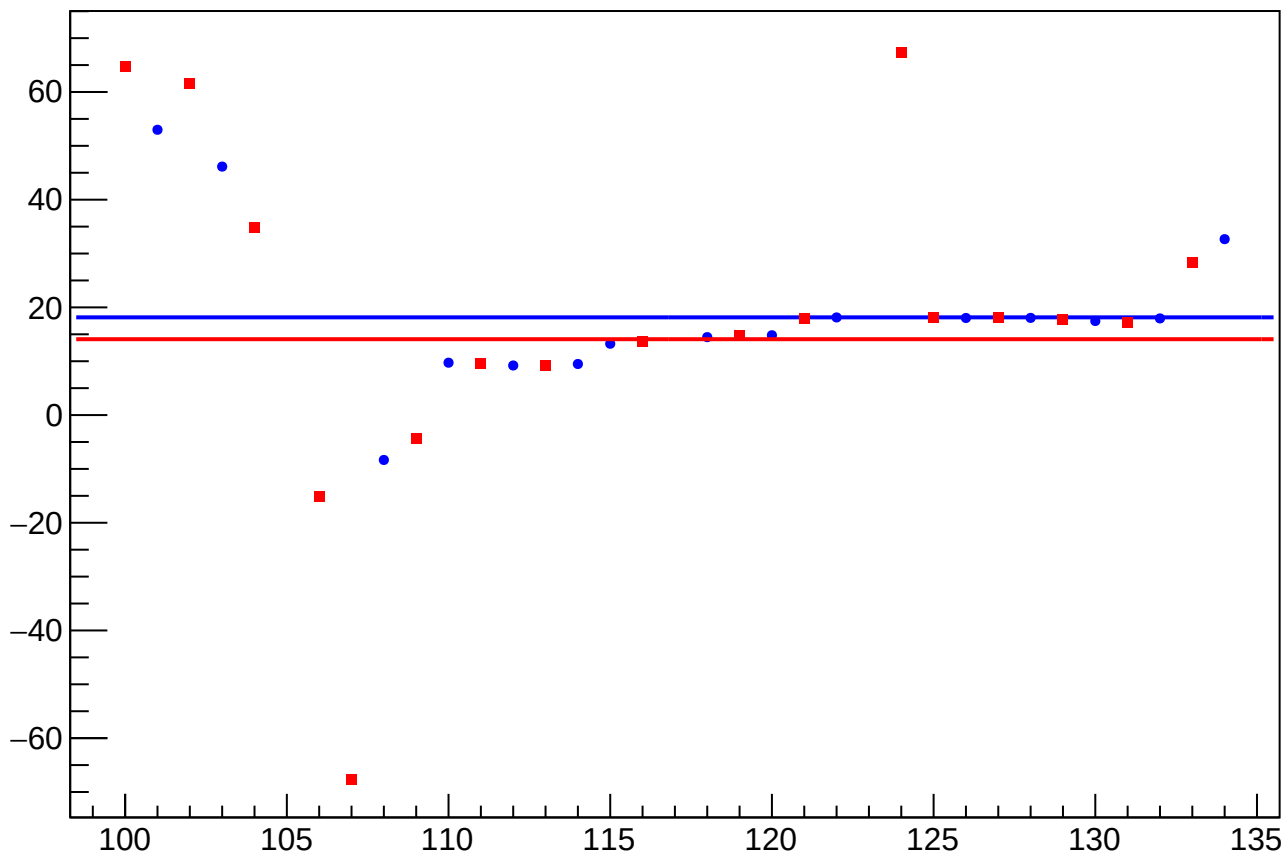
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.463 $\pm$ 0.387 χ^2 /NDF: 724.5/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm12X_slope vs Slug



Right In: 18.149 $\pm$ 0.036 χ^2 /NDF: 224108.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.090 $\pm$ 0.037 χ^2 /NDF: 360774.1/16

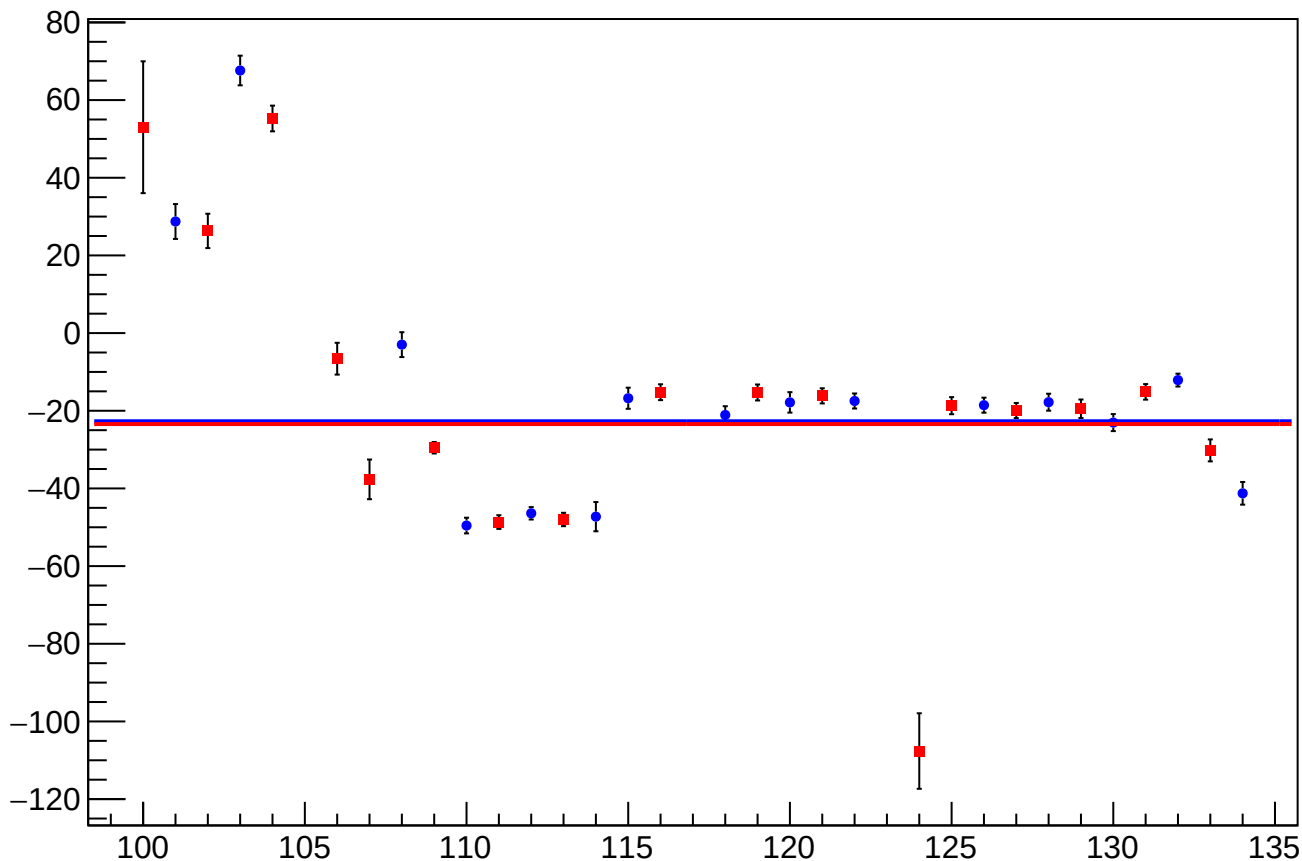
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.197 $\pm$ 0.026 χ^2 /NDF: 591109.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_at2_dd_avg_diff_bpm1X_slope vs Slug



Right In: -22.707 $\pm$ 0.594 χ^2 /NDF: 1275.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -23.422 $\pm$ 0.565 χ^2 /NDF: 1316.2/16

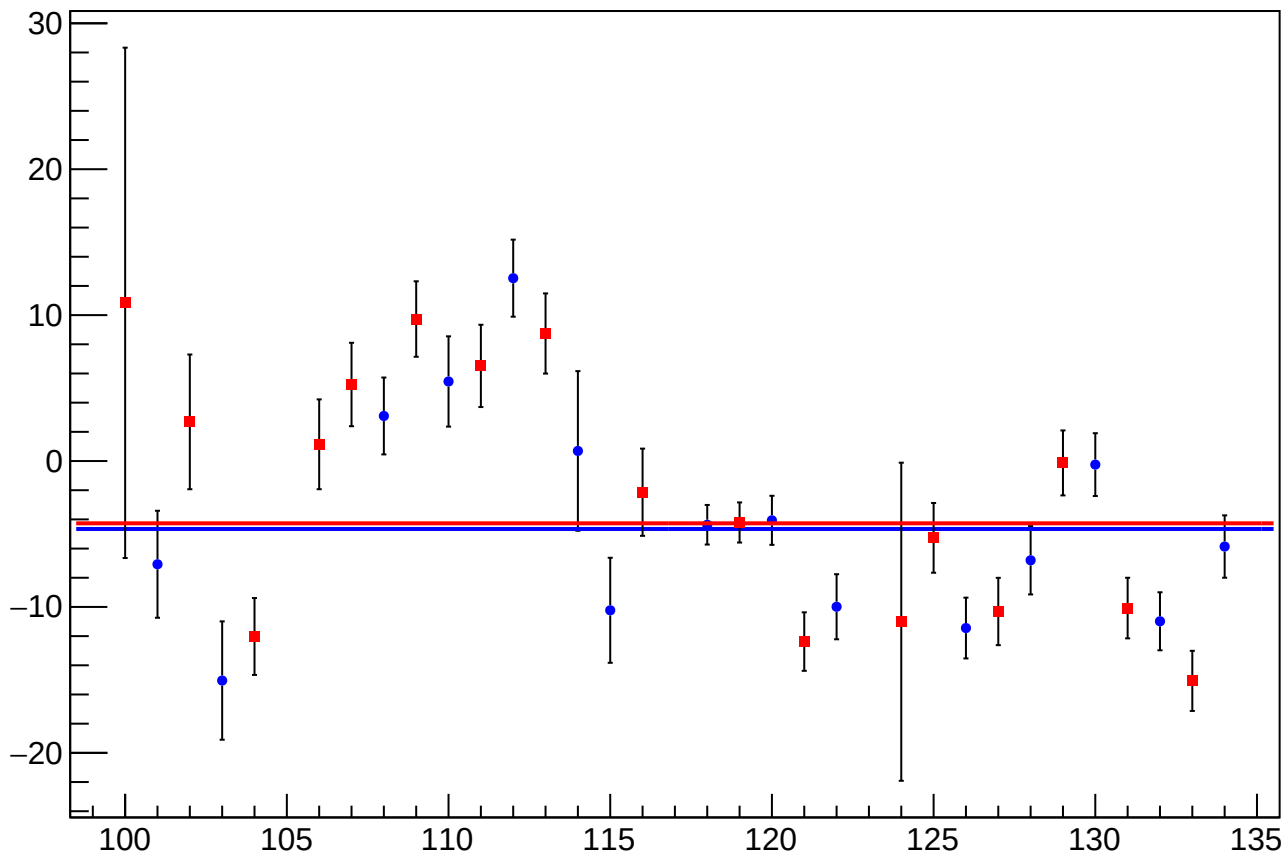
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -23.083 $\pm$ 0.409 χ^2 /NDF: 2592.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /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: -4.270 ± 0.602 χ^2/NDF : 155.2/16

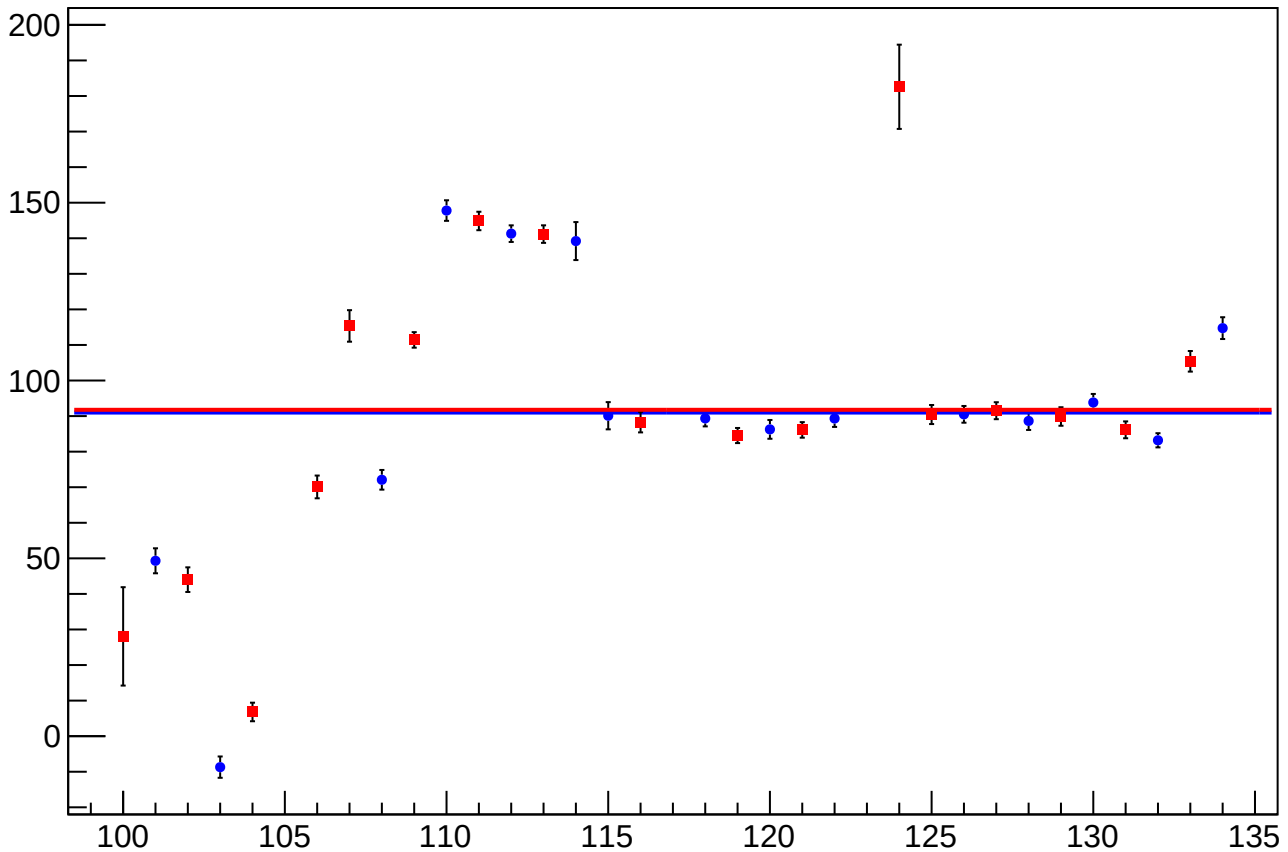
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.465 ± 0.423 χ^2/NDF : 259.5/31

- 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 $\pm$ 0.687 χ^2 /NDF: 2307.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 91.767 $\pm$ 0.671 χ^2 /NDF: 2353.1/16

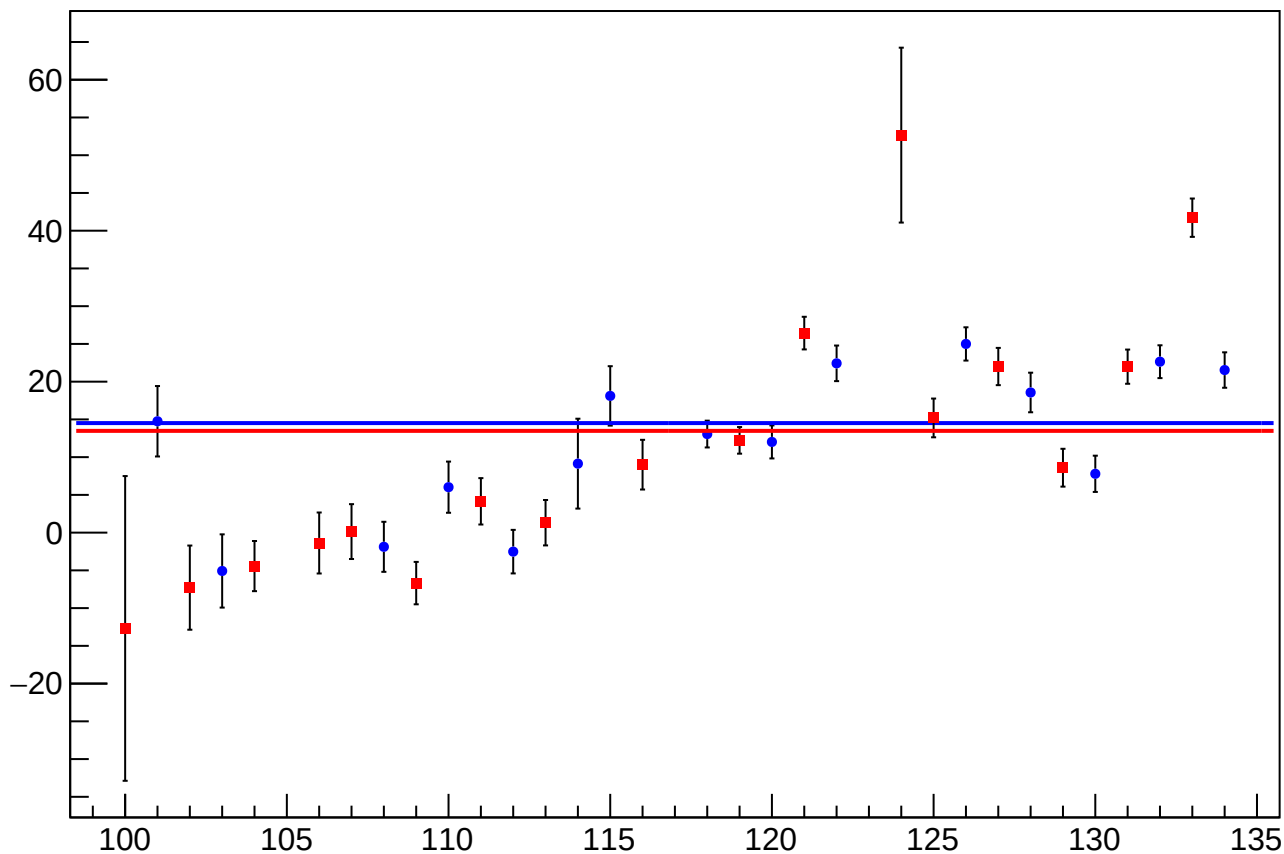
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 91.390 $\pm$ 0.480 χ^2 /NDF: 4661.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eY_slope vs Slug



Right In: 14.512 $\pm$ 0.690 χ^2 /NDF: 152.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.481 $\pm$ 0.696 χ^2 /NDF: 352.4/16

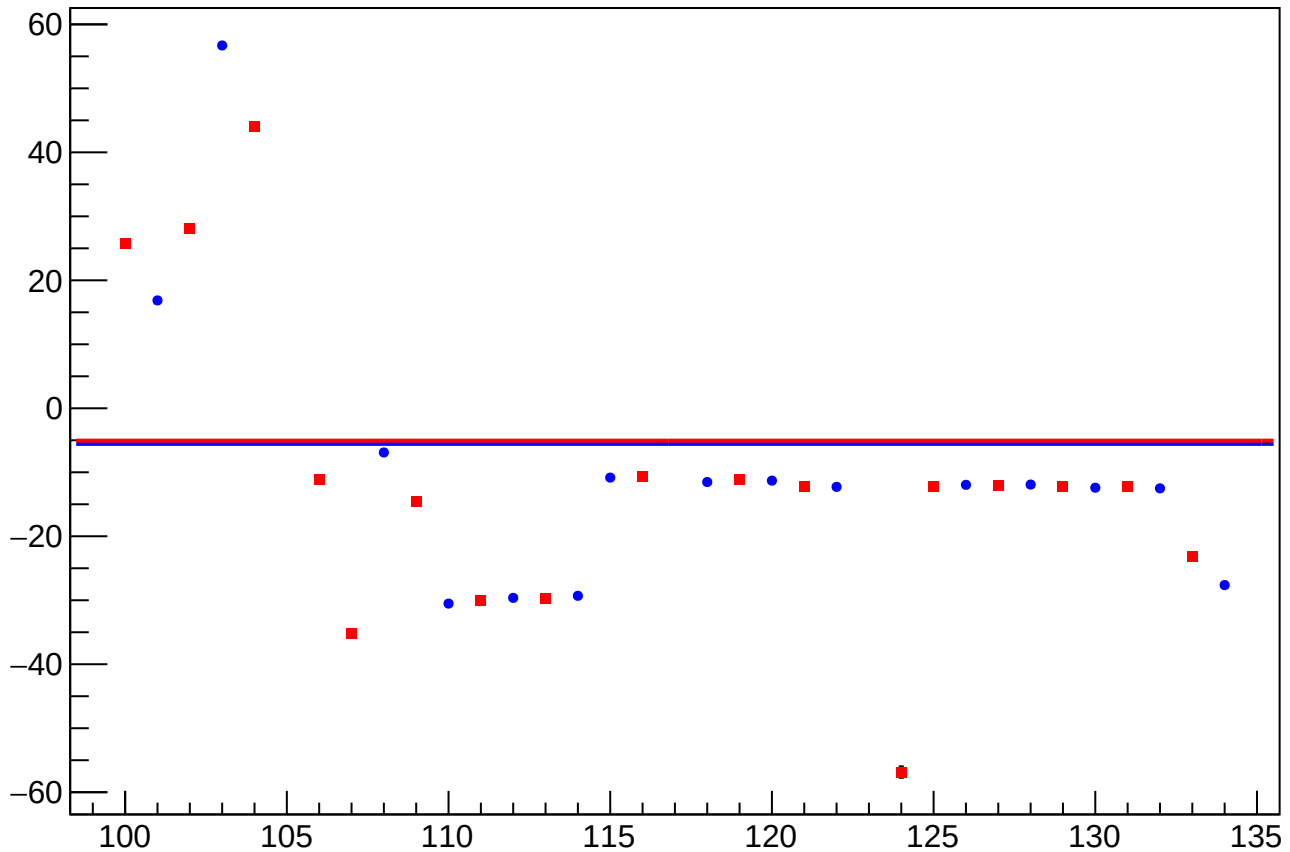
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.001 $\pm$ 0.490 χ^2 /NDF: 506.1/31

- sign 0.000 $\pm$ 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: -5.058 $\pm$ 0.045 χ^2 /NDF: 287021.5/16

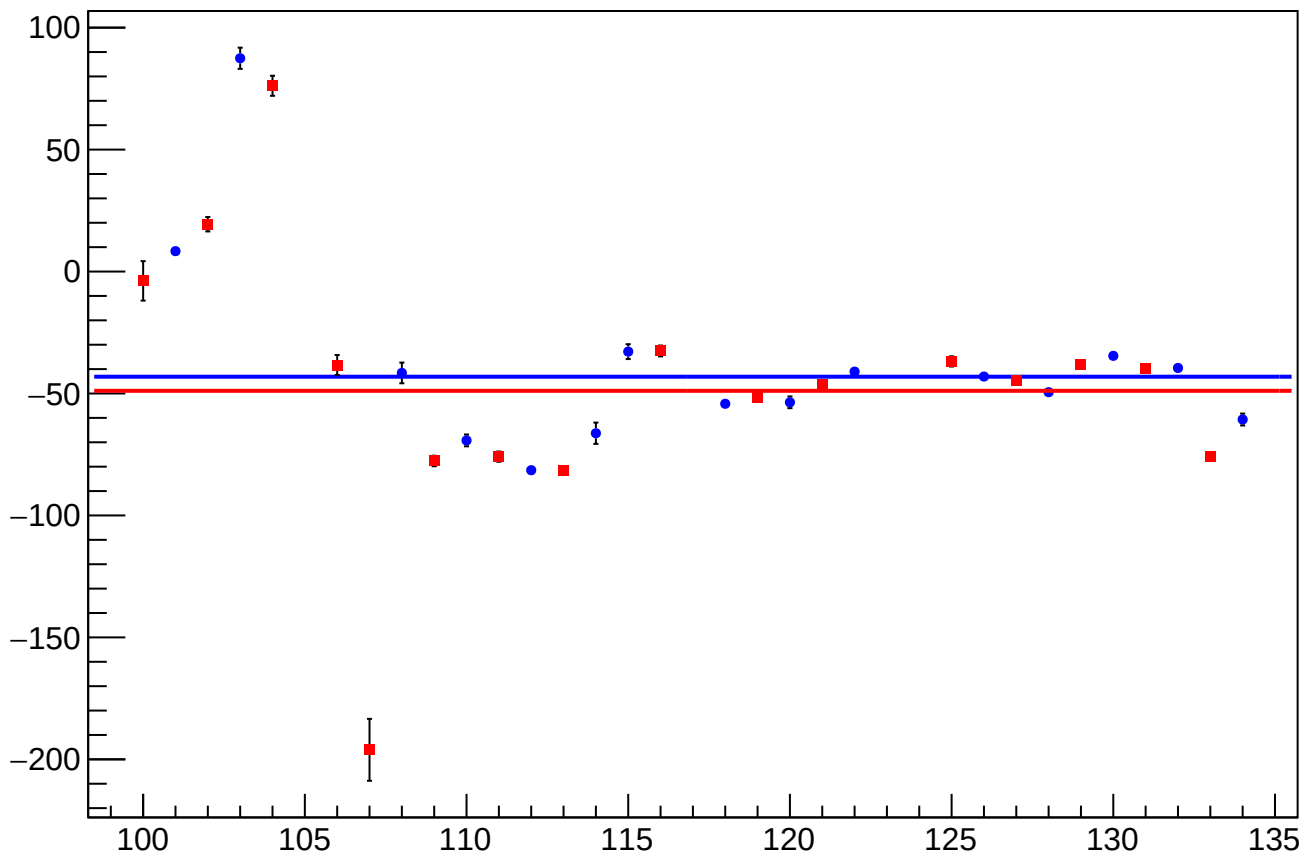
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.314 $\pm$ 0.032 χ^2 /NDF: 621219.6/31

- 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: -48.898 $\pm$ 0.568 χ^2 /NDF: 2600.2/15

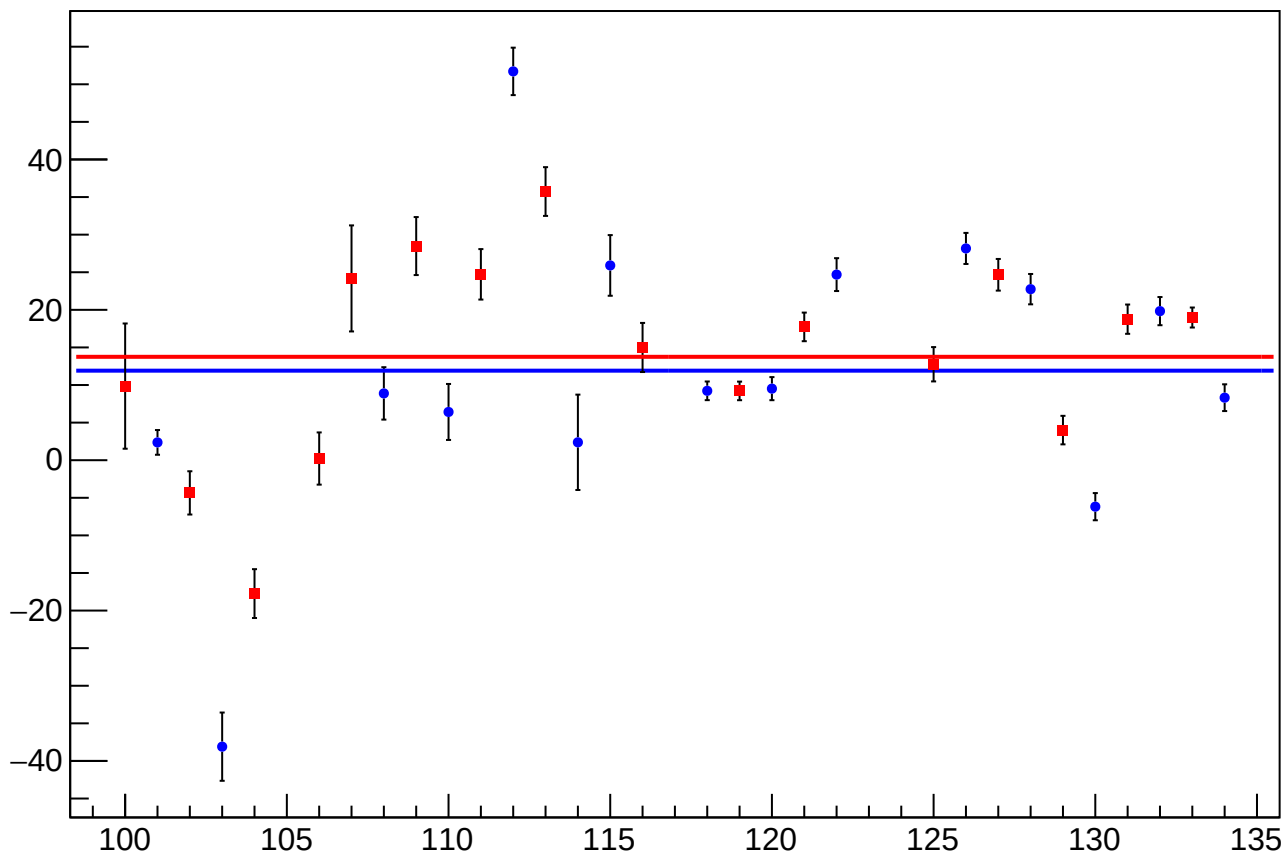
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -46.002 $\pm$ 0.402 χ^2 /NDF: 4913.7/30

- 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: 13.752+/-0.565 χ^2/NDF : 315.8/15

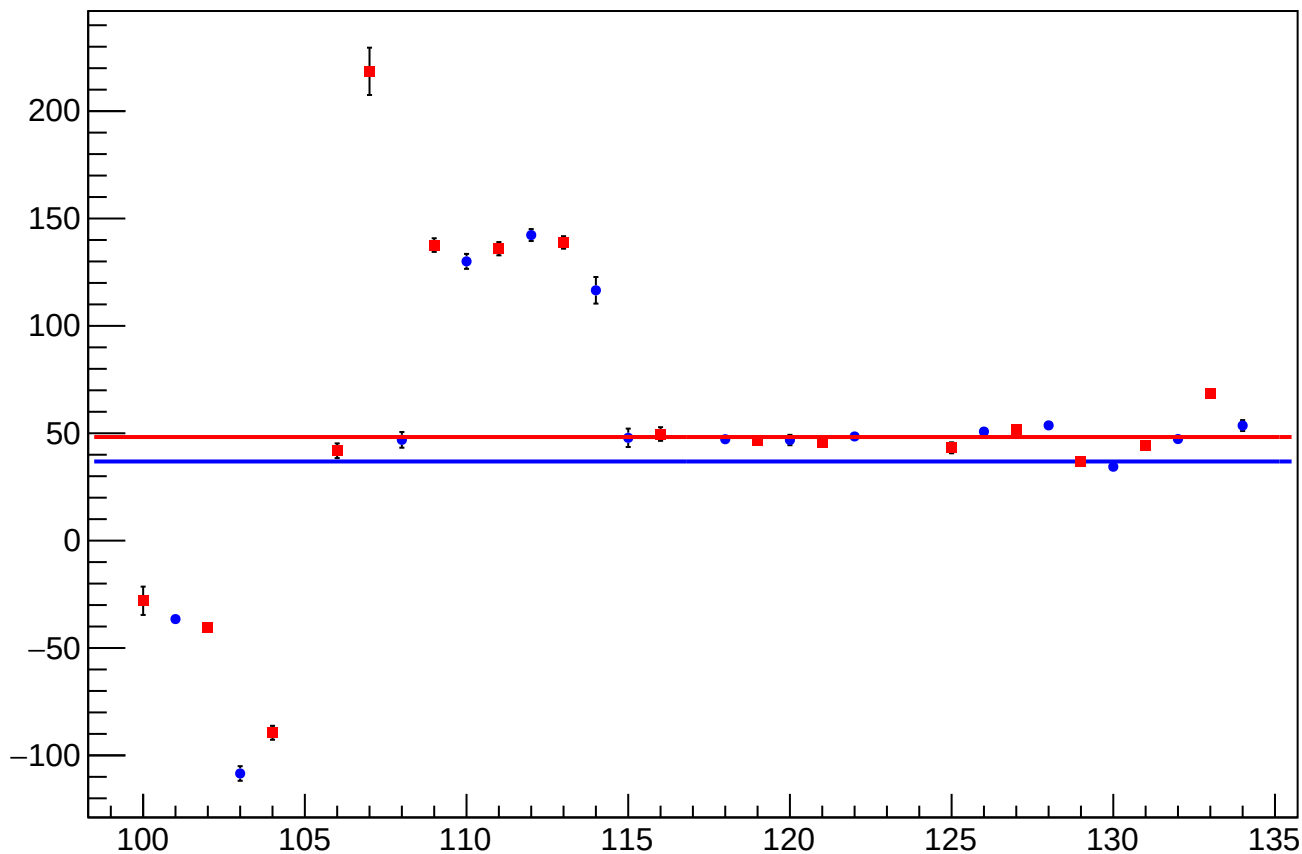
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.789+/-0.390 χ^2/NDF : 906.9/30

- 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: 48.245+/-0.647 χ^2/NDF : 6366.9/15

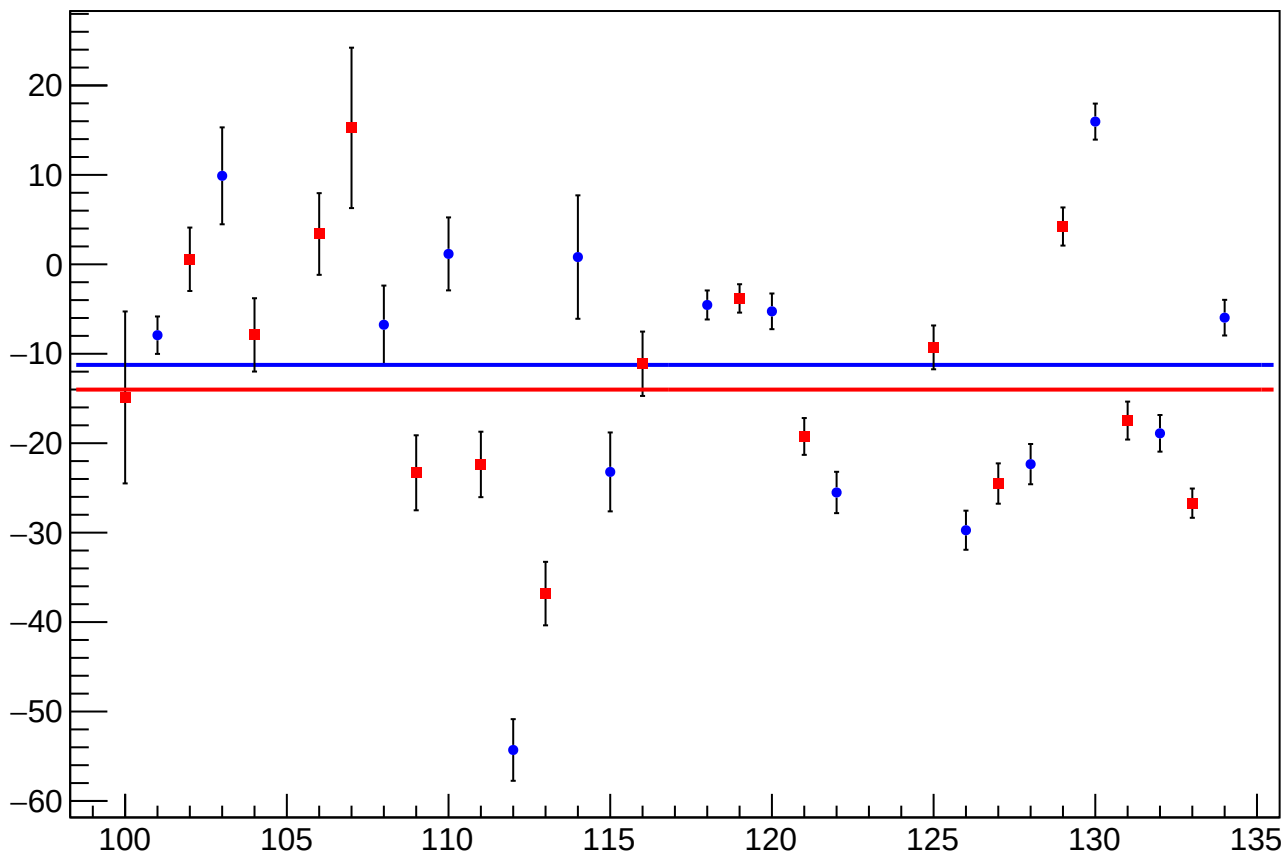
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.374+/-0.450 χ^2/NDF : 13093.4/30

- 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+/-0.633 χ^2/NDF : 557.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.006+/-0.658 χ^2/NDF : 305.5/15

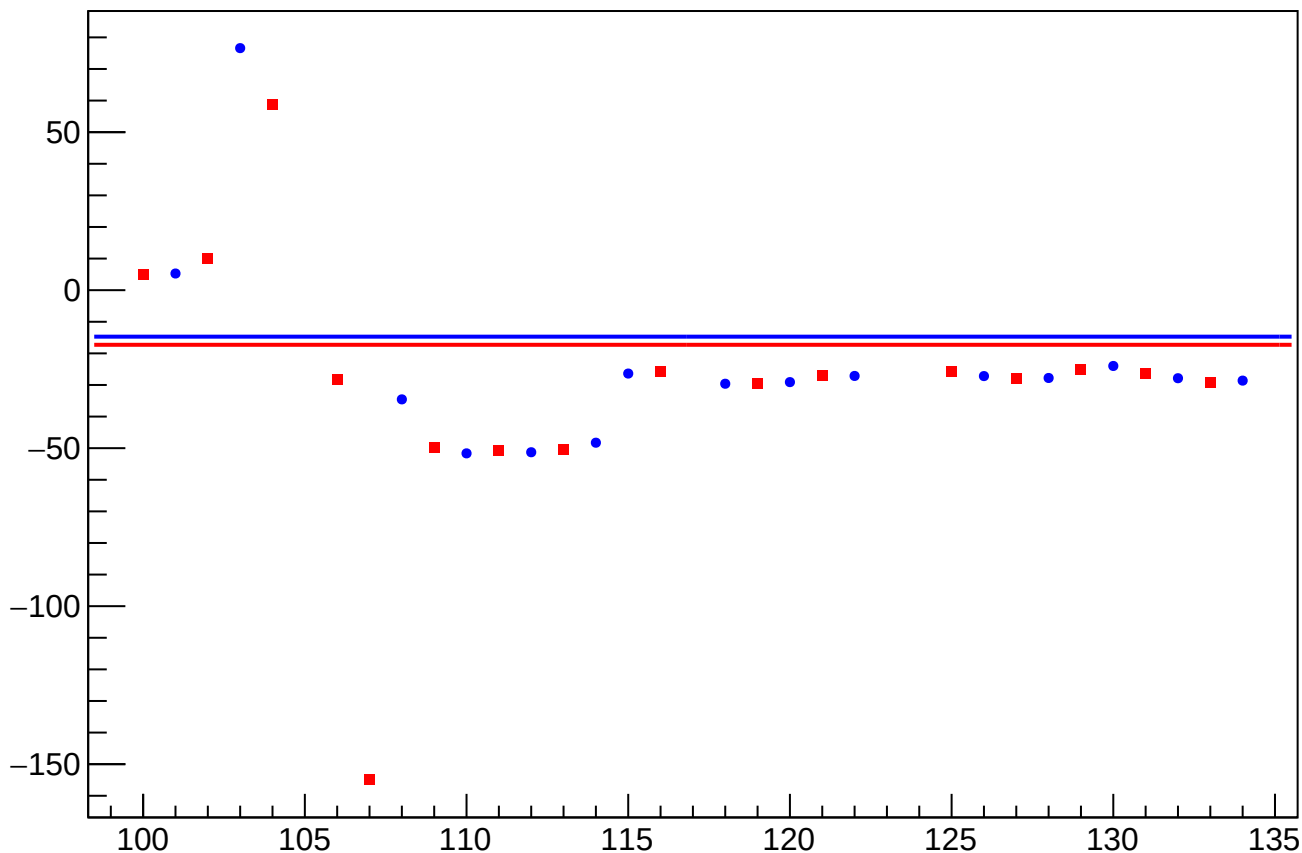
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.573+/-0.456 χ^2/NDF : 872.4/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_avg_diff_bpm12X_slope vs Slug



Right In: -14.711 $\pm$ 0.041 χ^2 /NDF: 583444.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -17.287 $\pm$ 0.044 χ^2 /NDF: 500442.4/15

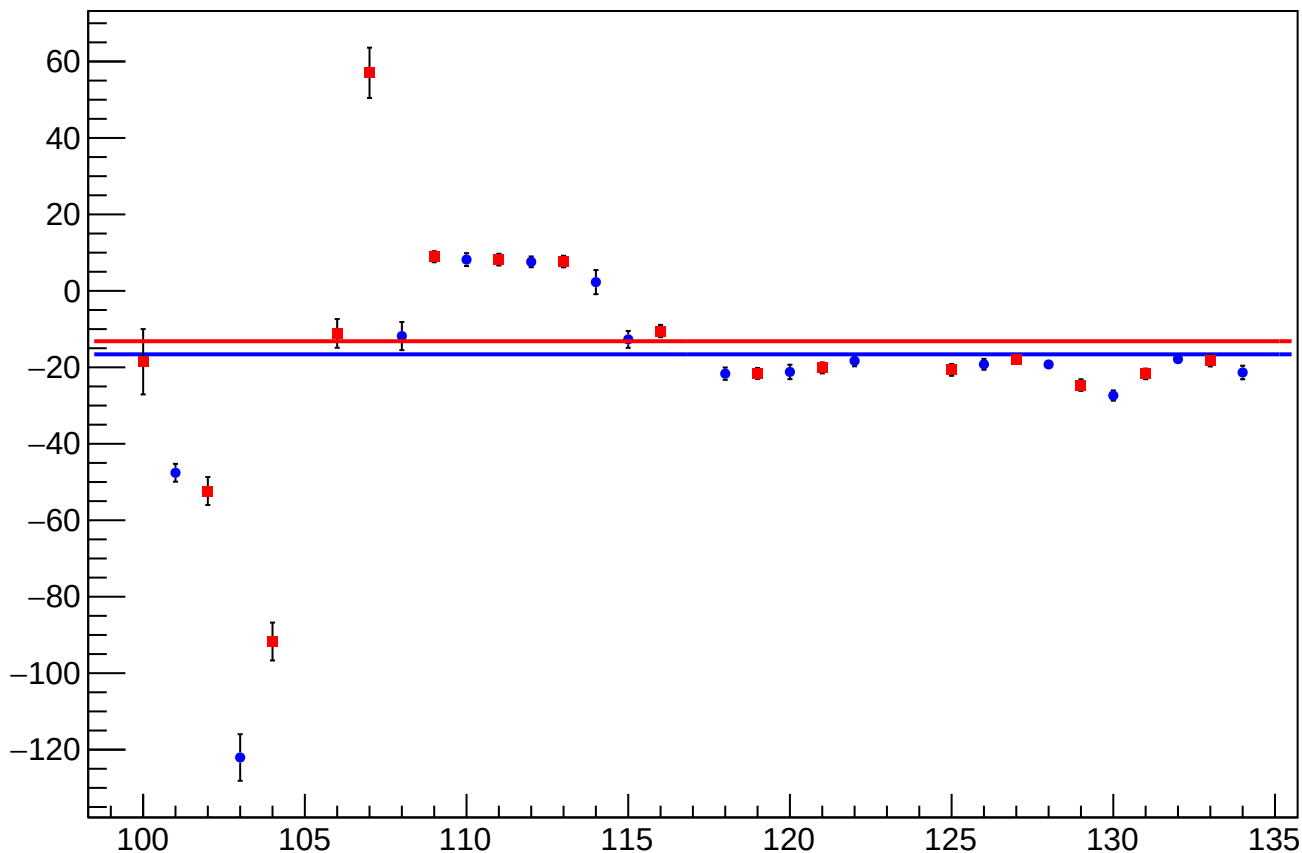
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -15.909 $\pm$ 0.030 χ^2 /NDF: 1085715.6/30

- sign 0.000 $\pm$ 0.000 χ^2 /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: -13.172 ± 0.430 χ^2/NDF : 1307.5/15

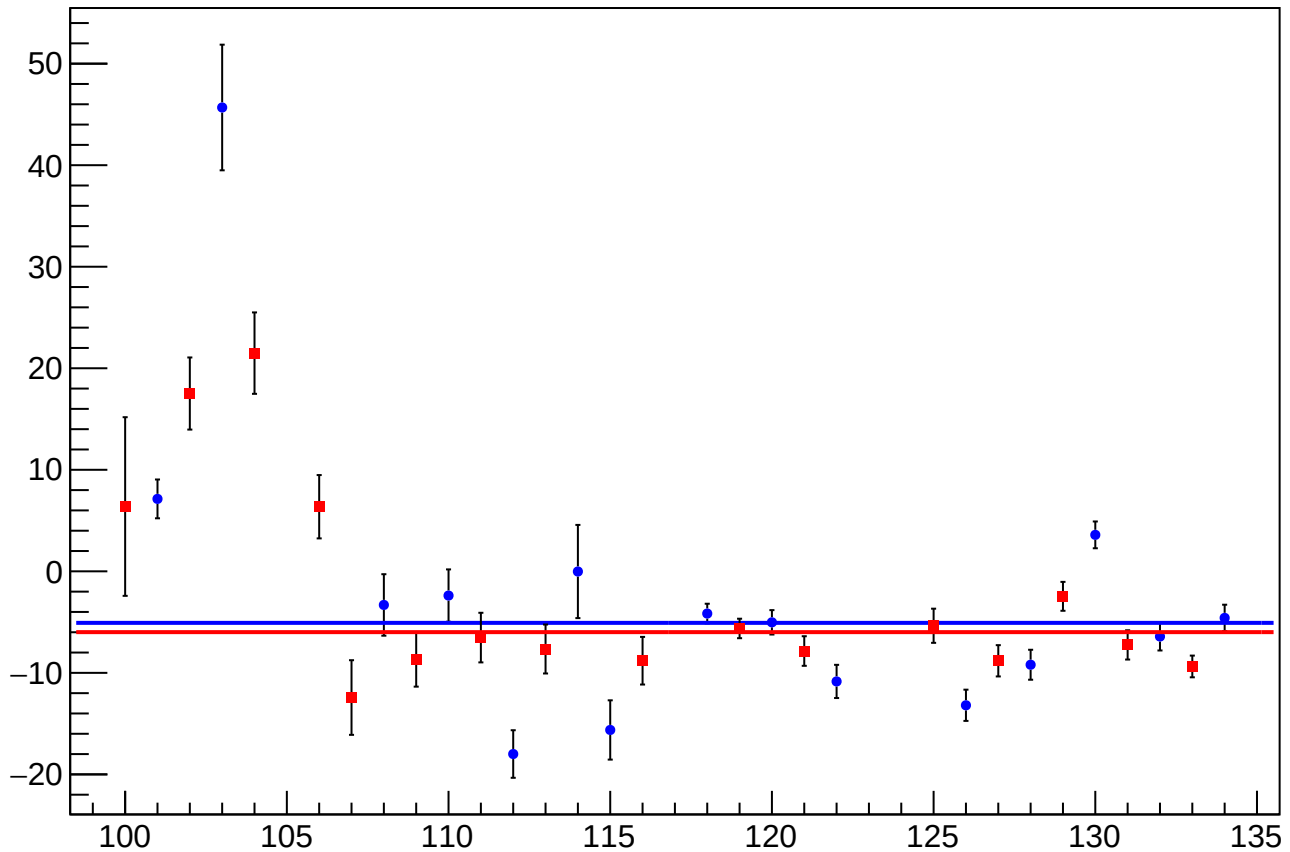
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.874 ± 0.305 χ^2/NDF : 2462.3/30

- 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: -5.990+/-0.440 χ^2/NDF : 136.6/15

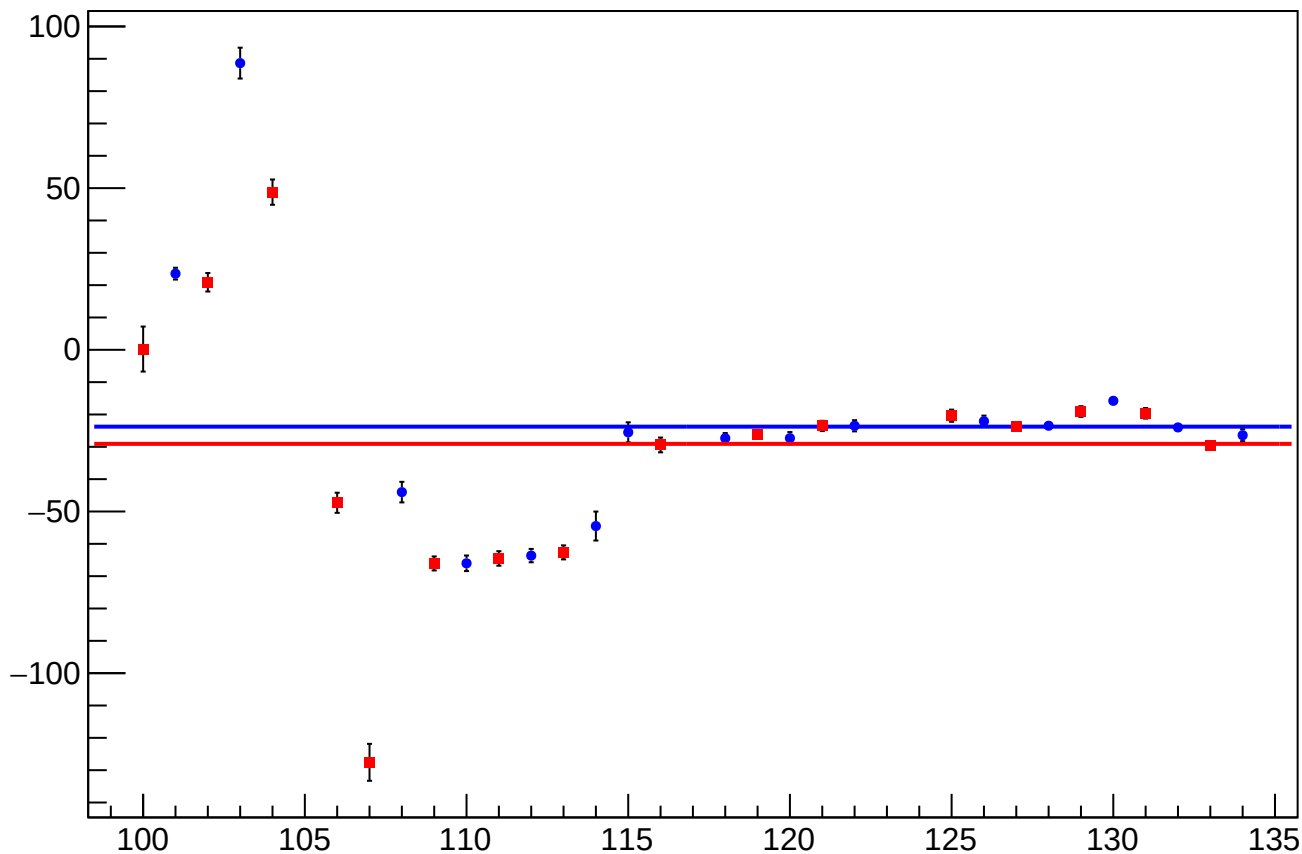
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.514+/-0.304 χ^2/NDF : 386.3/30

- 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: -29.086 ± 0.507 χ^2/NDF : 1951.3/15

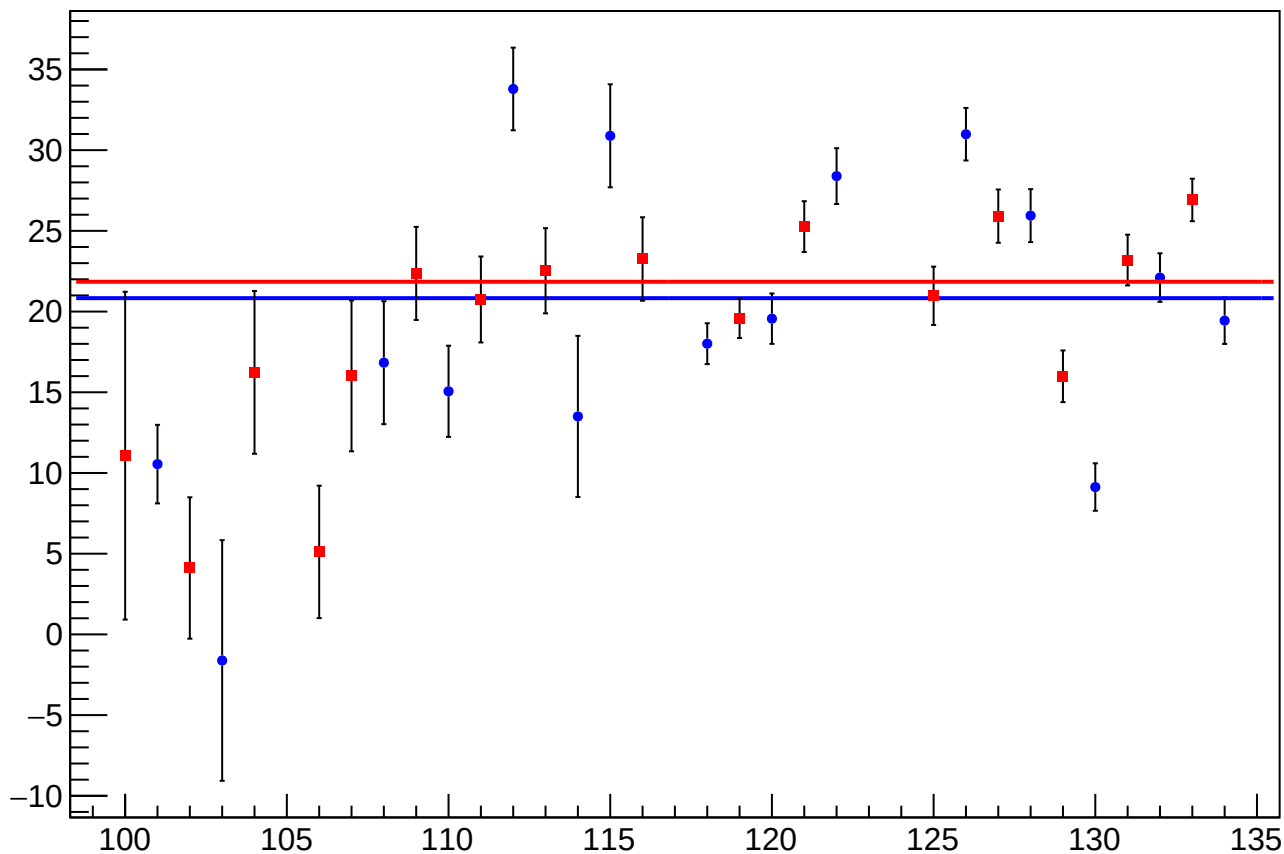
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -26.372 ± 0.355 χ^2/NDF : 4040.2/30

- 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: 21.847+/-0.508 χ^2/NDF : 80.9/15

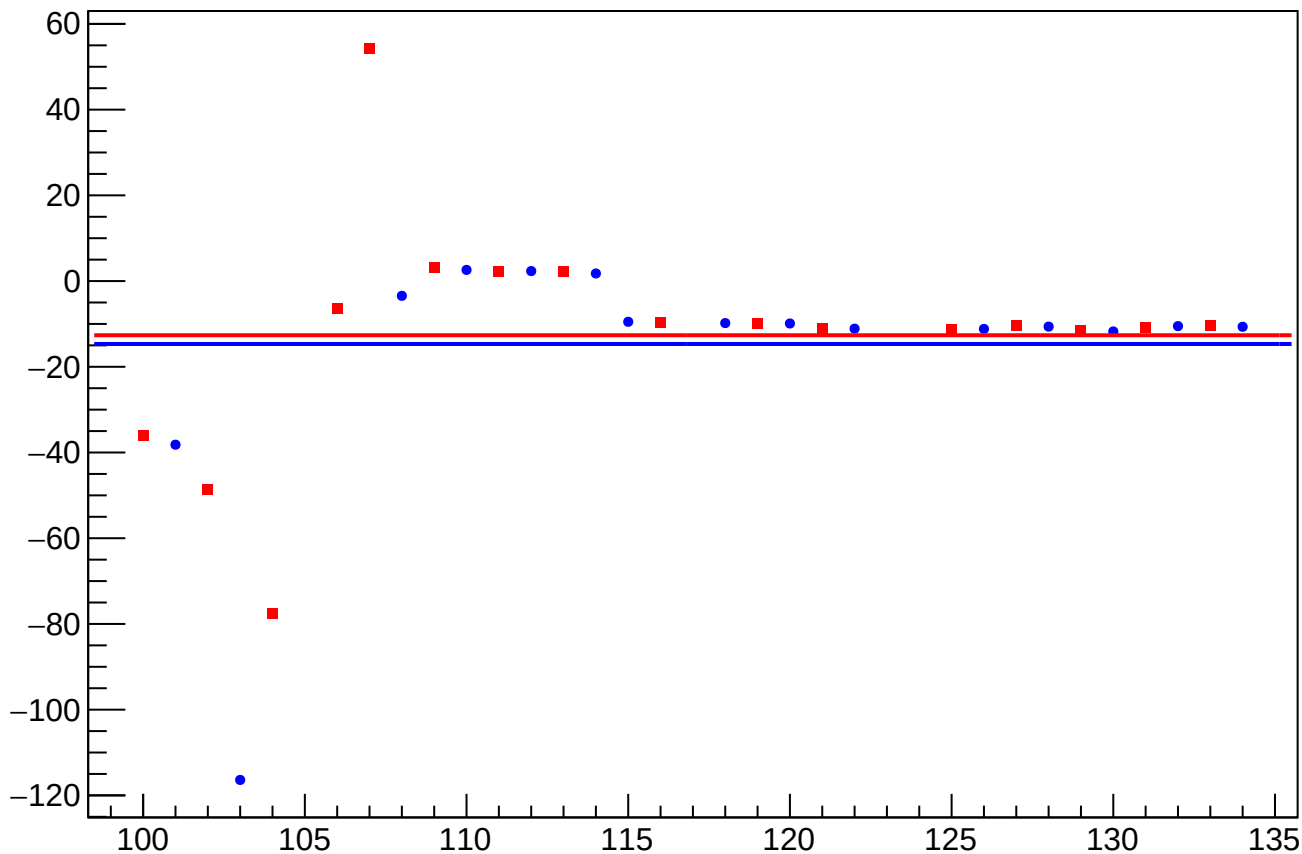
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.319+/-0.352 χ^2/NDF : 291.3/30

- 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: -12.640 $\pm$ 0.037 χ^2 /NDF: 311528.7/15

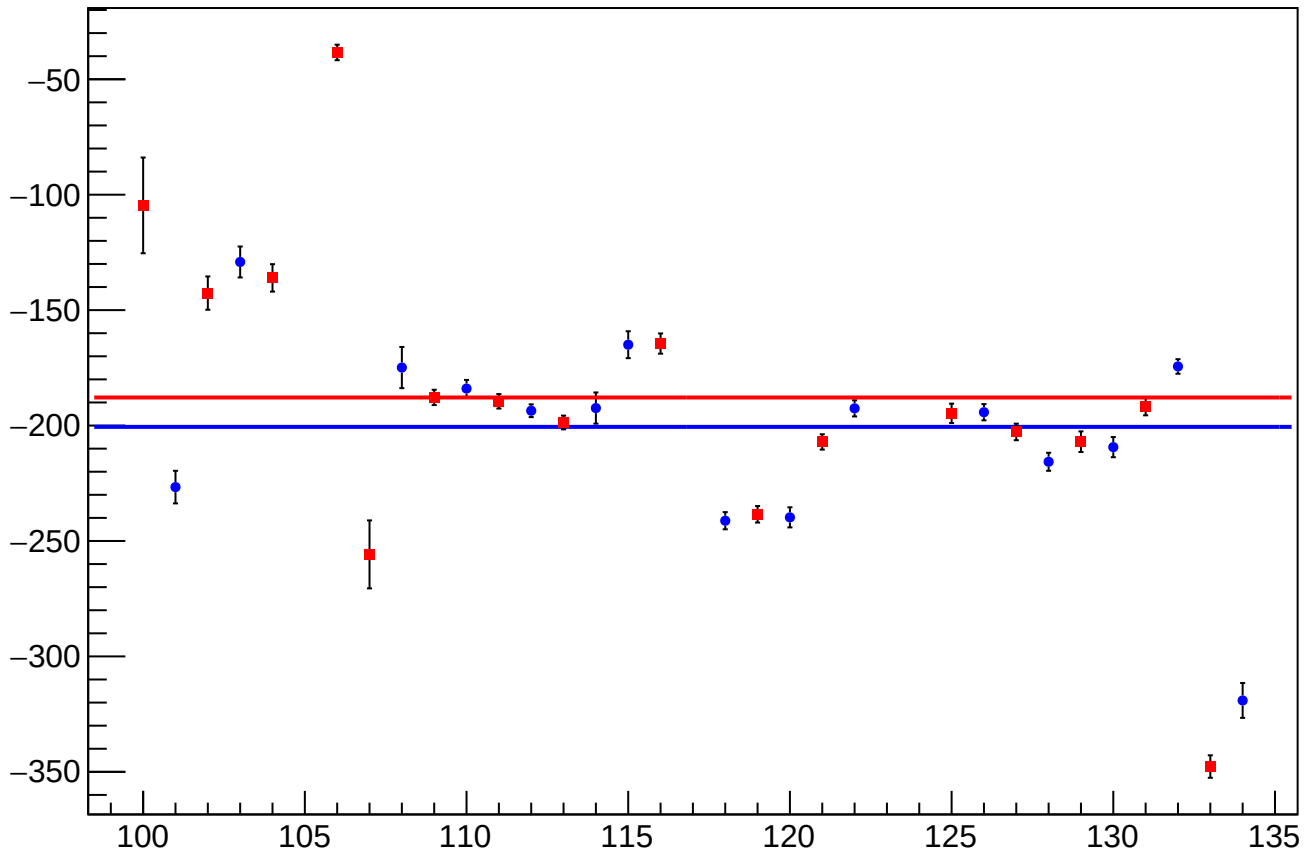
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -13.748 $\pm$ 0.025 χ^2 /NDF: 650414.5/30

- 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: -187.842 ± 1.016 χ^2/NDF : 3519.8/15

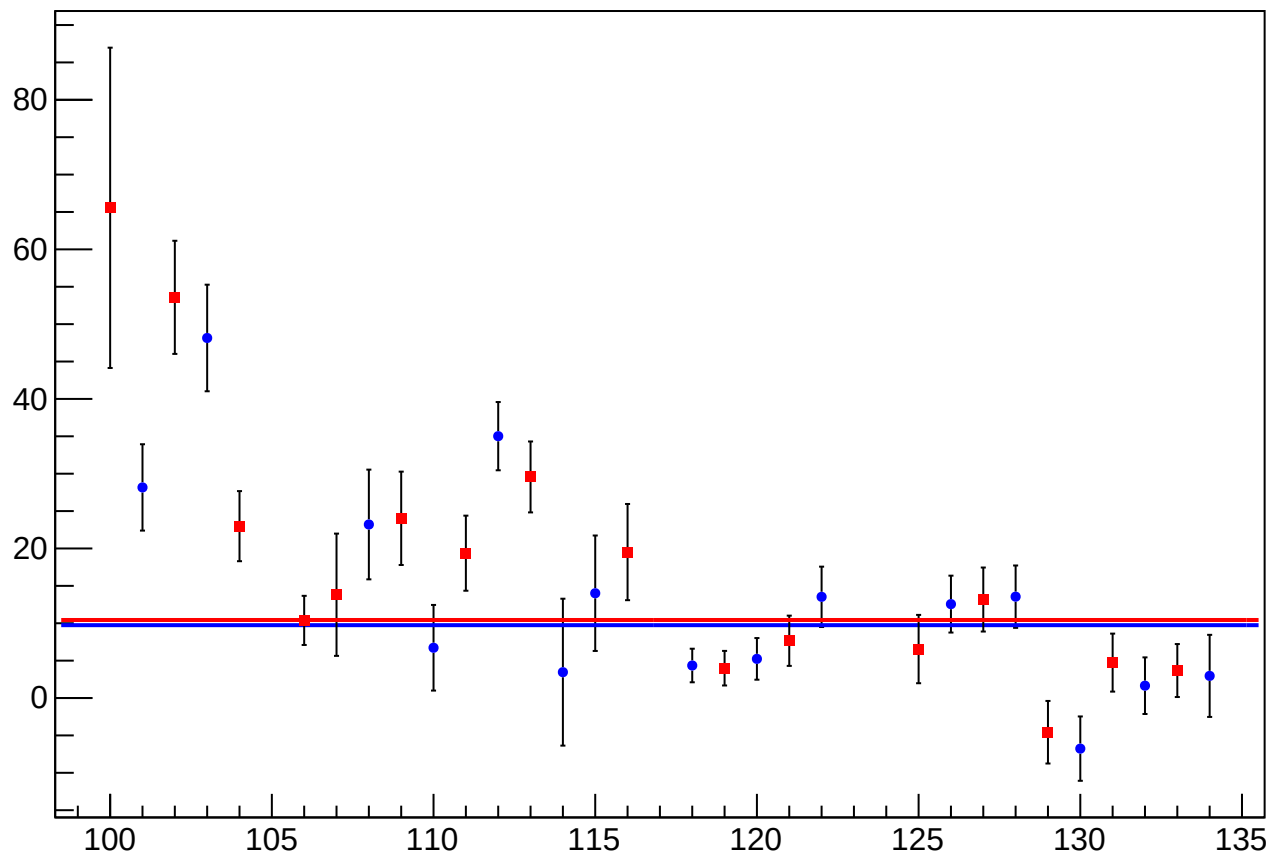
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -193.725 ± 0.745 χ^2/NDF : 4335.9/30

- 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: 10.436+/-1.061 χ^2/NDF : 100.9/15

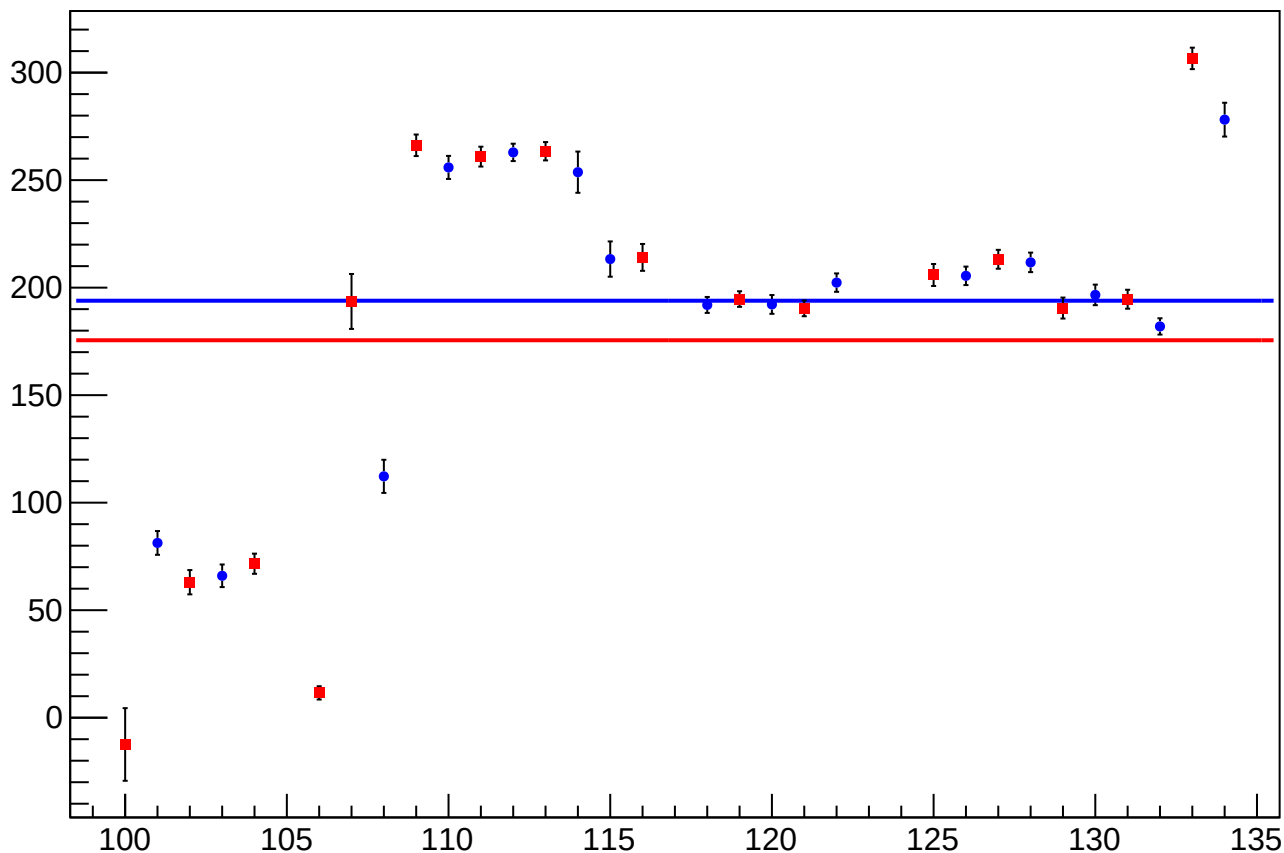
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.098+/-0.759 χ^2/NDF : 206.9/30

- 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: 175.532+/-1.168 χ^2/NDF : 5838.2/15

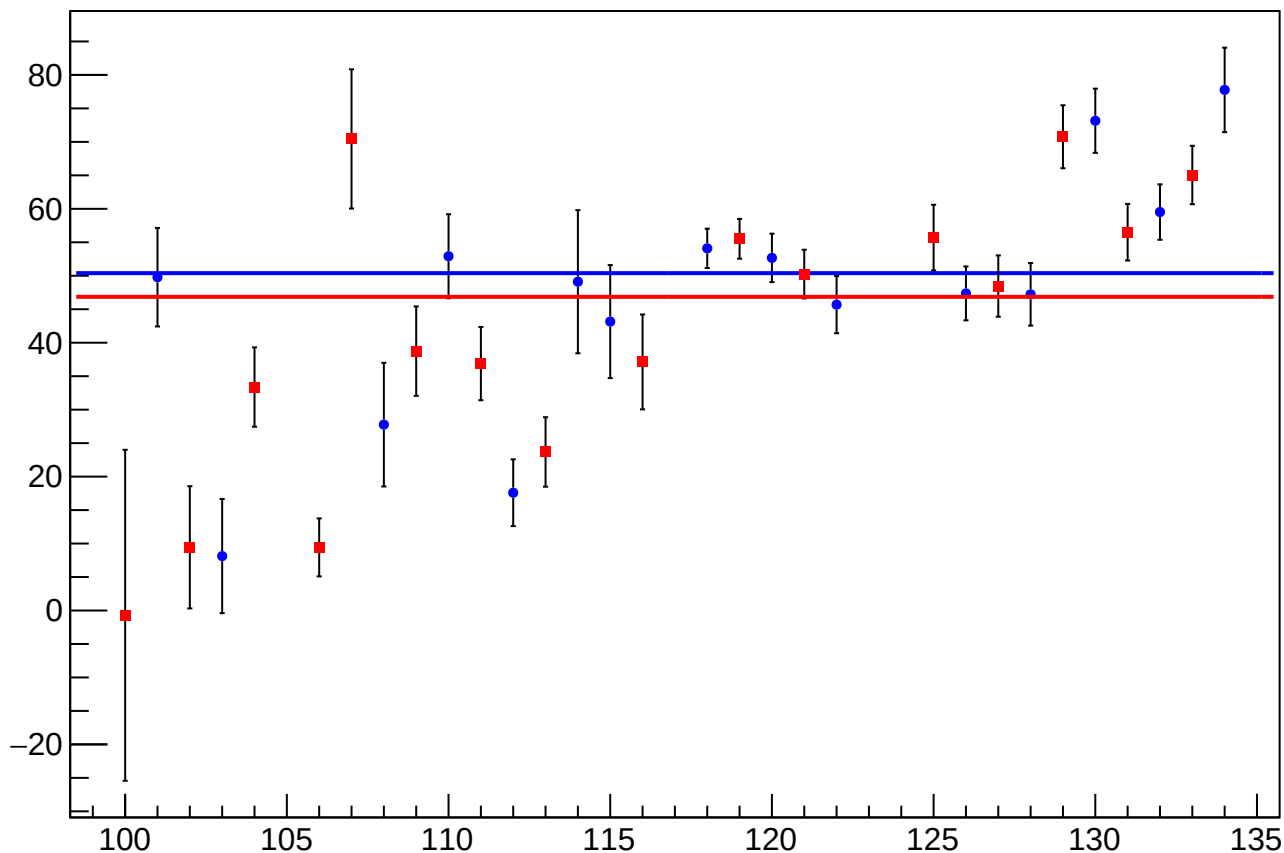
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.957+/-0.860 χ^2/NDF : 7693.5/30

- 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: 46.858 $\pm$ 1.241 χ^2 /NDF: 193.3/15

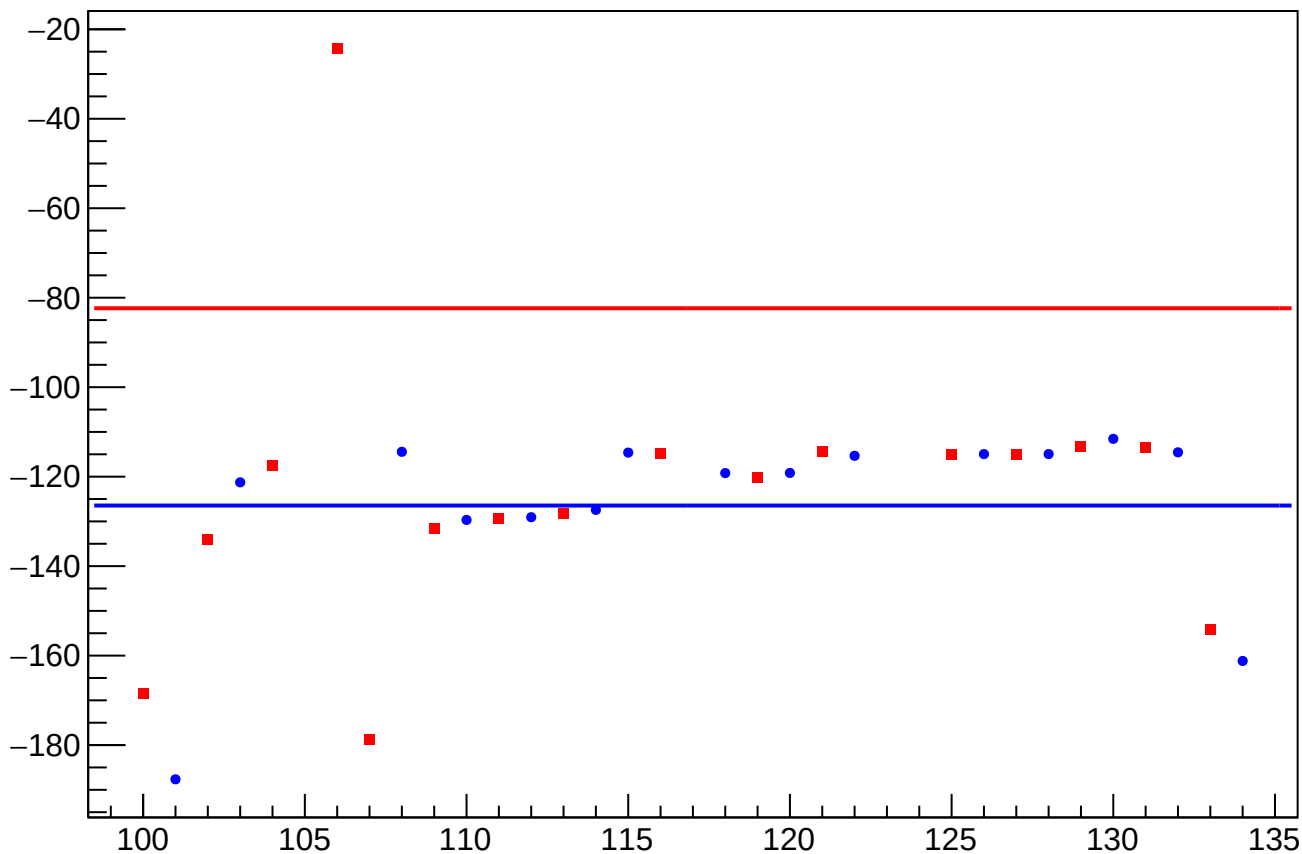
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 48.575 $\pm$ 0.890 χ^2 /NDF: 322.5/30

- 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: -82.357+/-0.067 χ^2/NDF : 593665.0/15

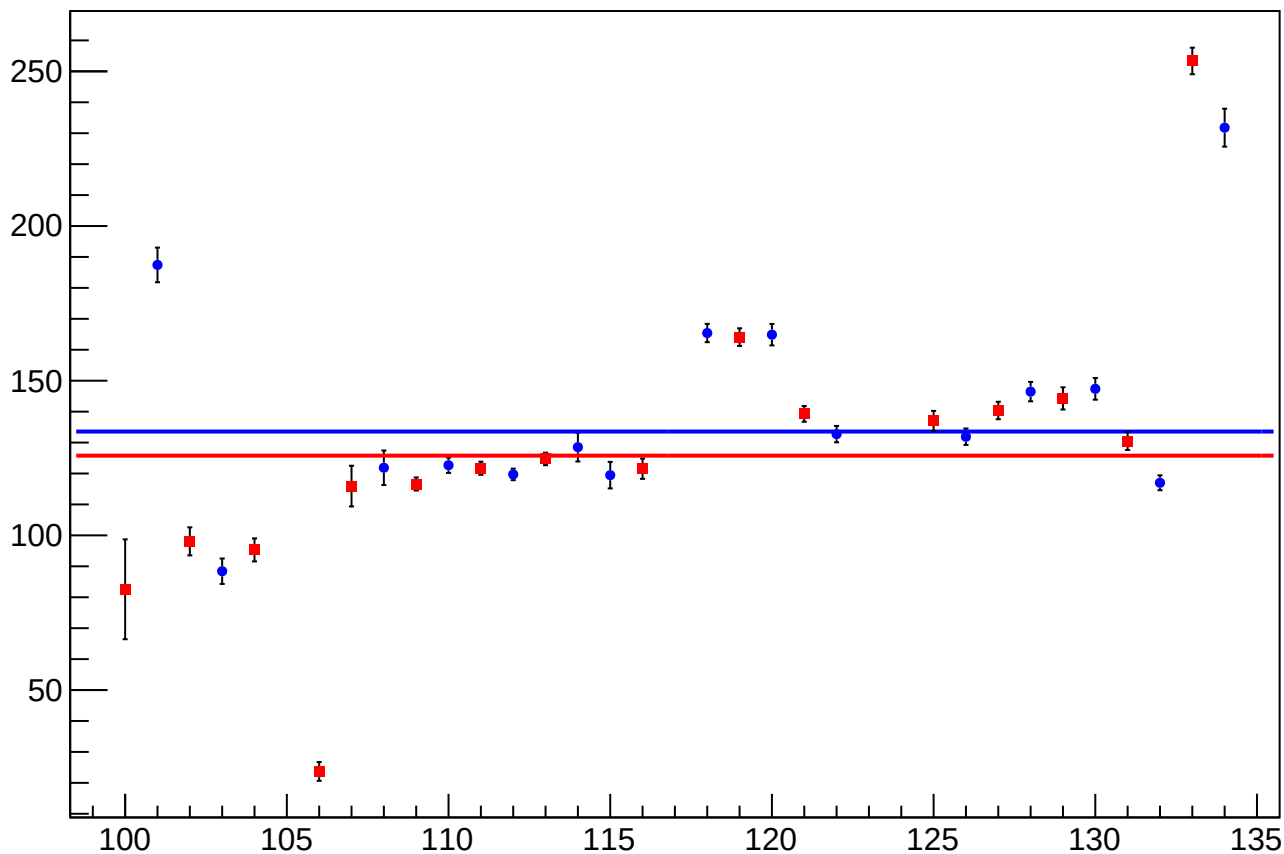
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -98.539+/-0.053 χ^2/NDF : 808791.6/30

- 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 $\pm$ 0.806 χ^2 /NDF: 838.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.772 $\pm$ 0.747 χ^2 /NDF: 2431.4/15

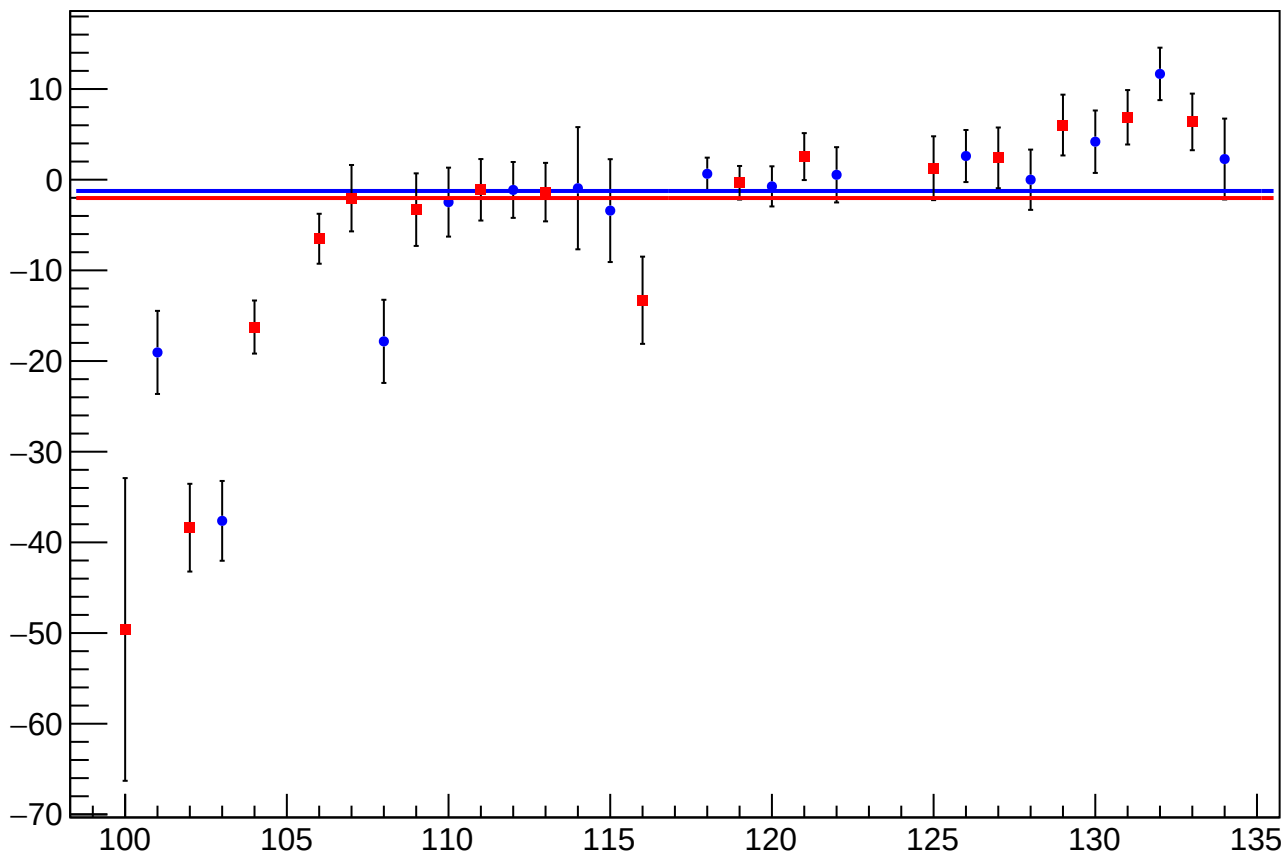
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 129.371 $\pm$ 0.548 χ^2 /NDF: 3320.1/30

- sign 0.000 $\pm$ 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: -2.025 ± 0.798 χ^2/NDF : 124.9/15

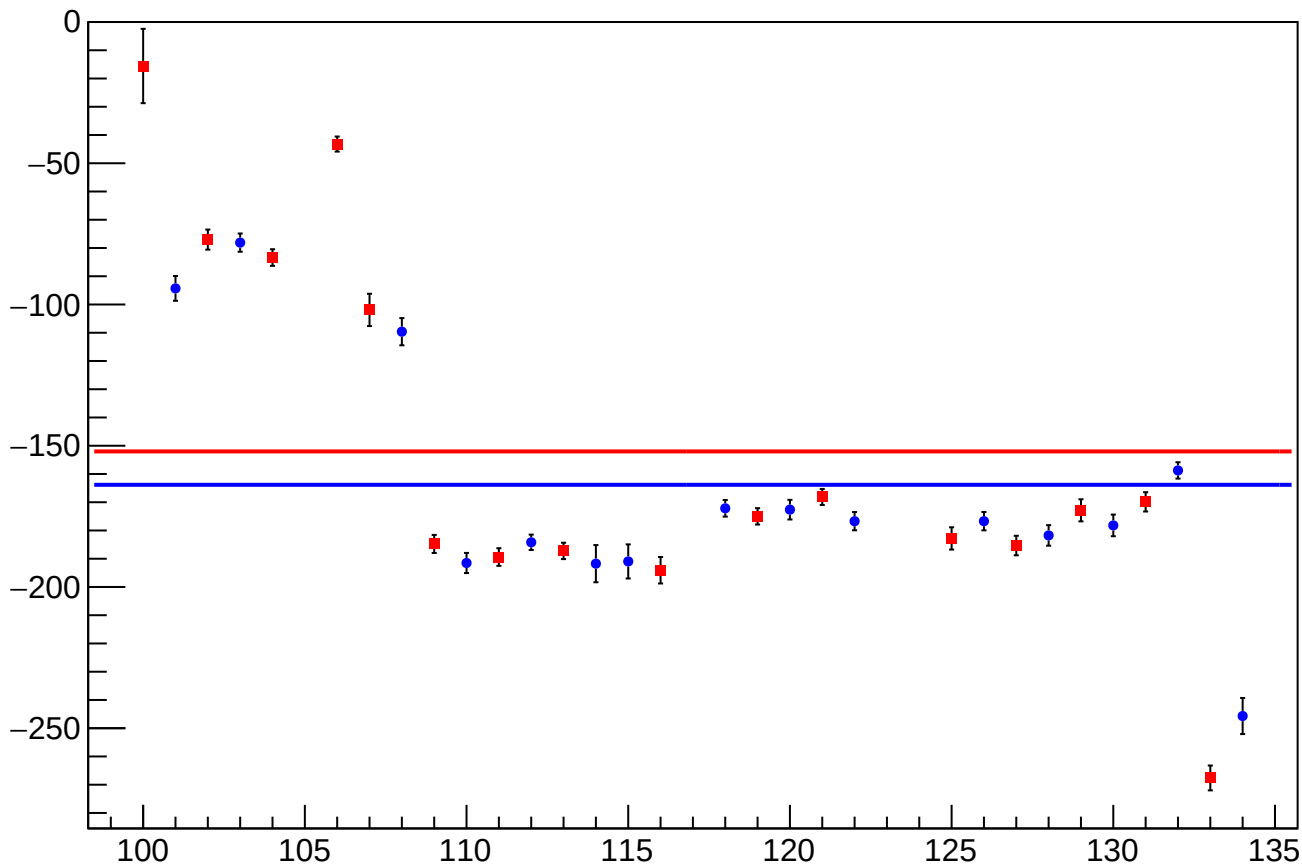
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.648 ± 0.574 χ^2/NDF : 248.7/30

- 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: -152.017 ± 0.866 χ^2/NDF : 4316.9/15

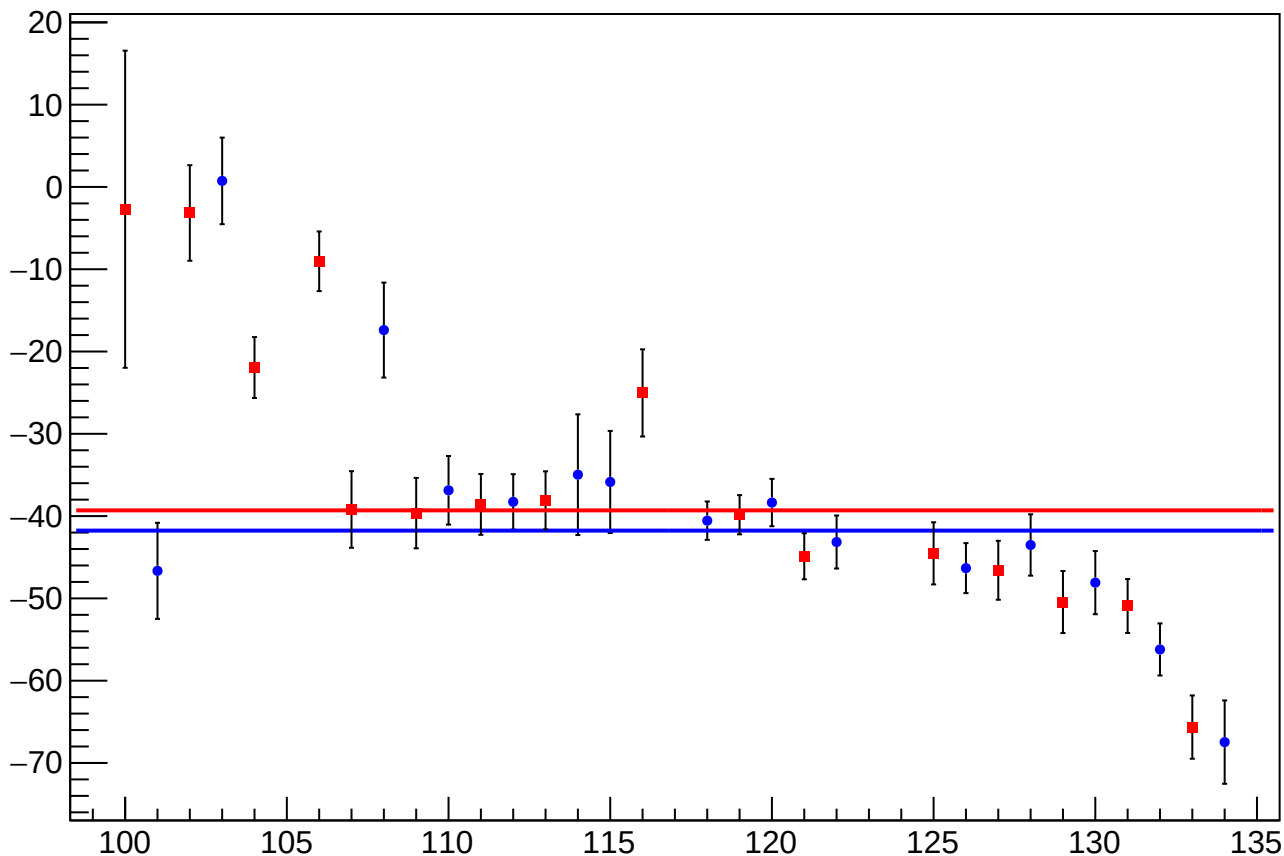
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -157.441 ± 0.637 χ^2/NDF : 5891.3/30

- 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 $\chi^2/\text{NDF}: 141.6/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -39.304 ± 0.931 $\chi^2/\text{NDF}: 219.7/15$

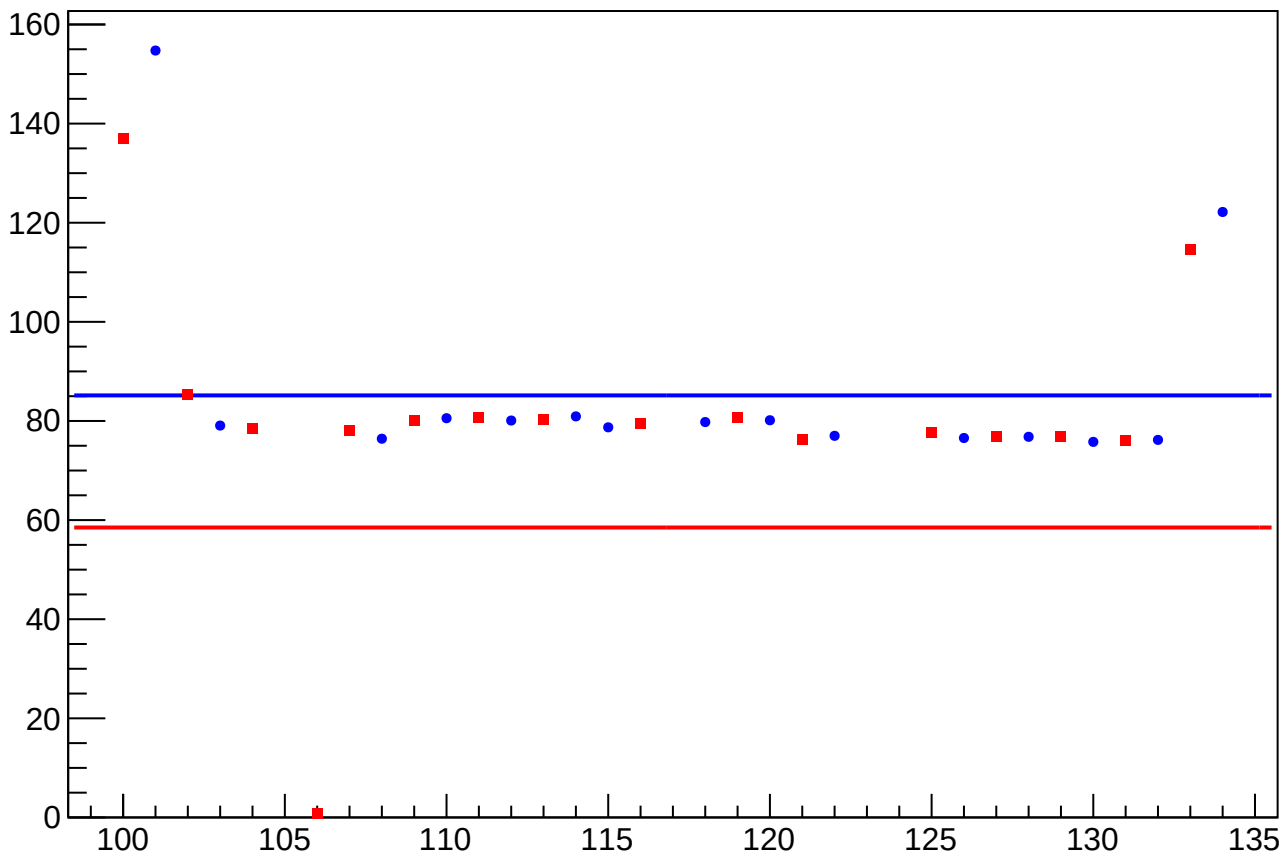
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -40.489 ± 0.670 $\chi^2/\text{NDF}: 364.7/30$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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: 58.505+/-0.051 χ^2/NDF : 520561.1/15

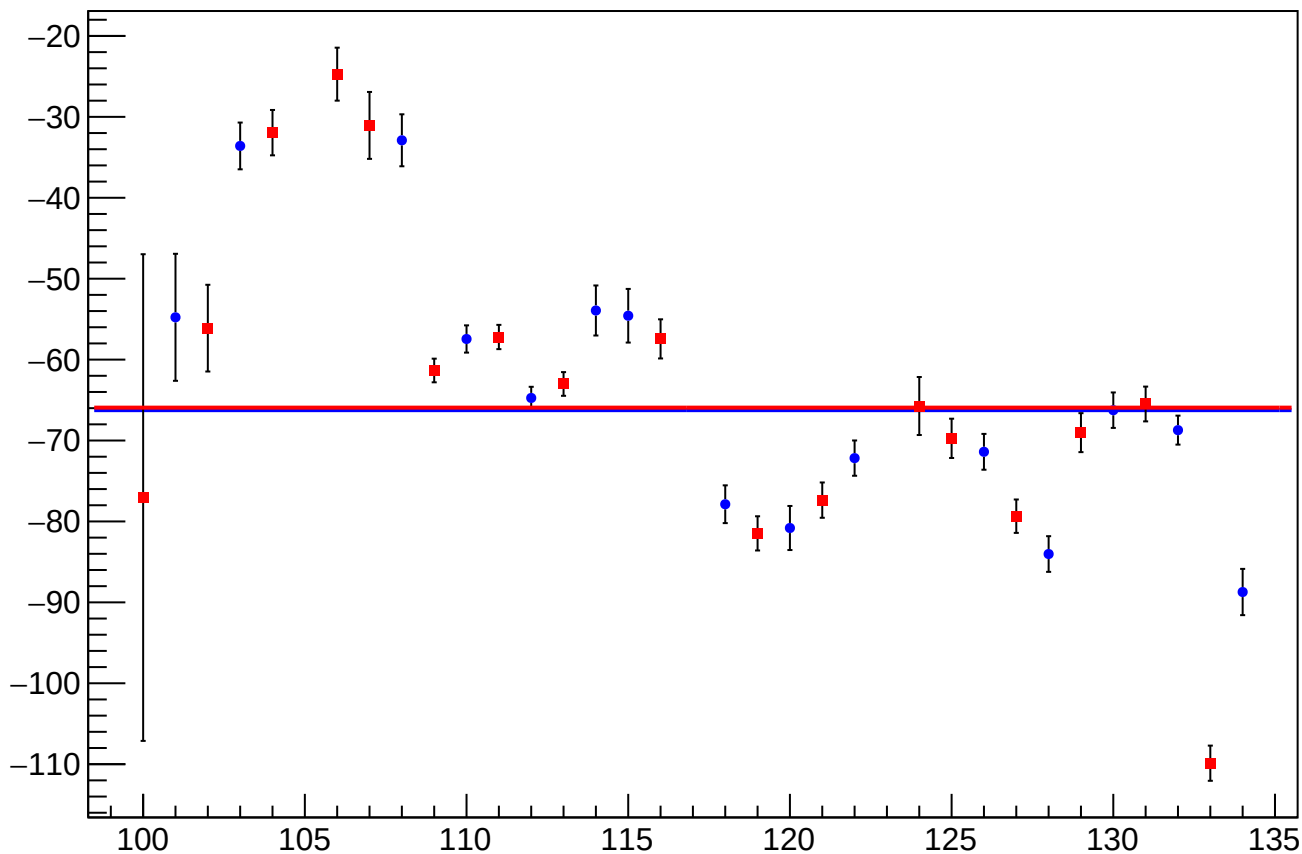
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.223+/-0.040 χ^2/NDF : 729851.1/30

- 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: -65.935 $\pm$ 0.544 χ^2 /NDF: 976.4/16

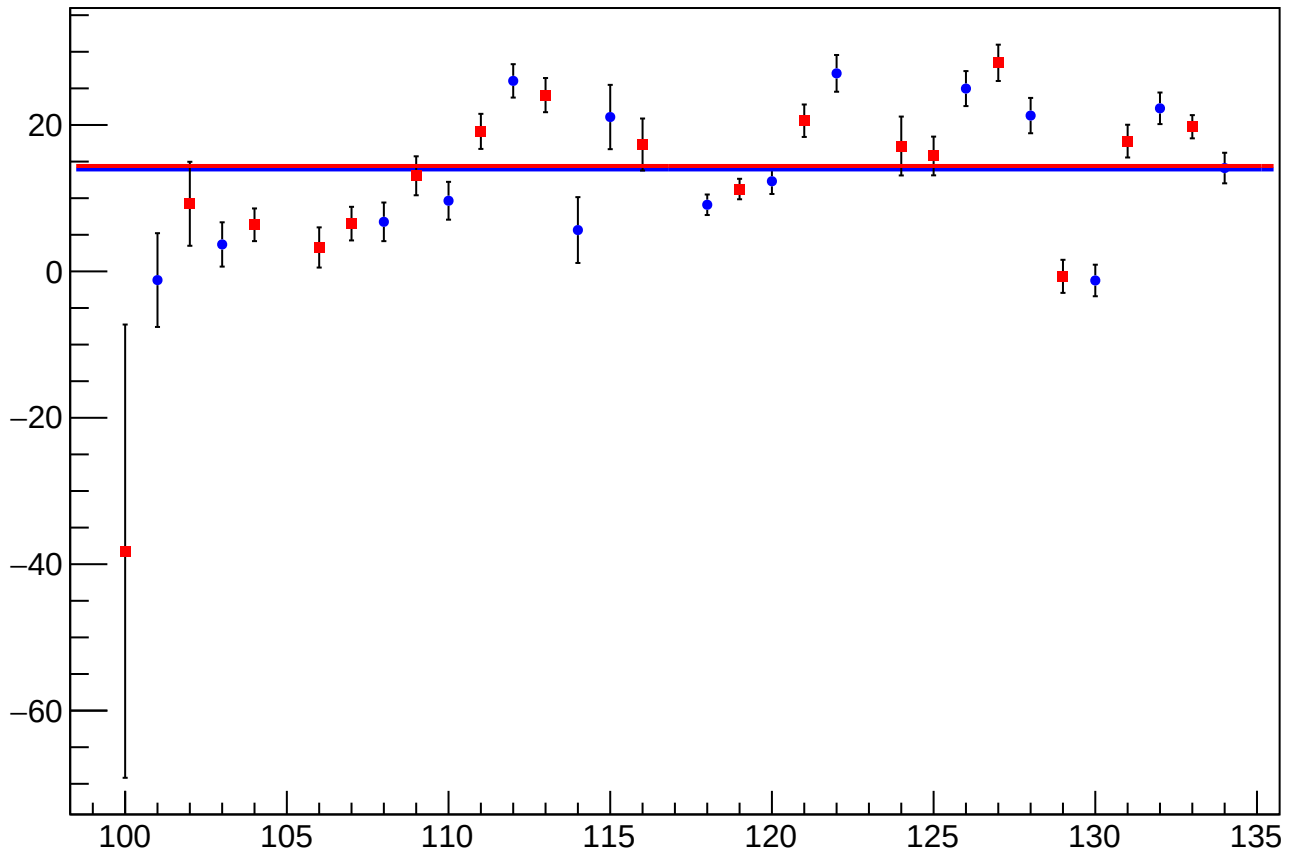
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -66.079 $\pm$ 0.399 χ^2 /NDF: 1465.9/31

- 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+/-0.606 χ^2 /NDF: 196.5/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 14.401+/-0.577 χ^2 /NDF: 171.0/16

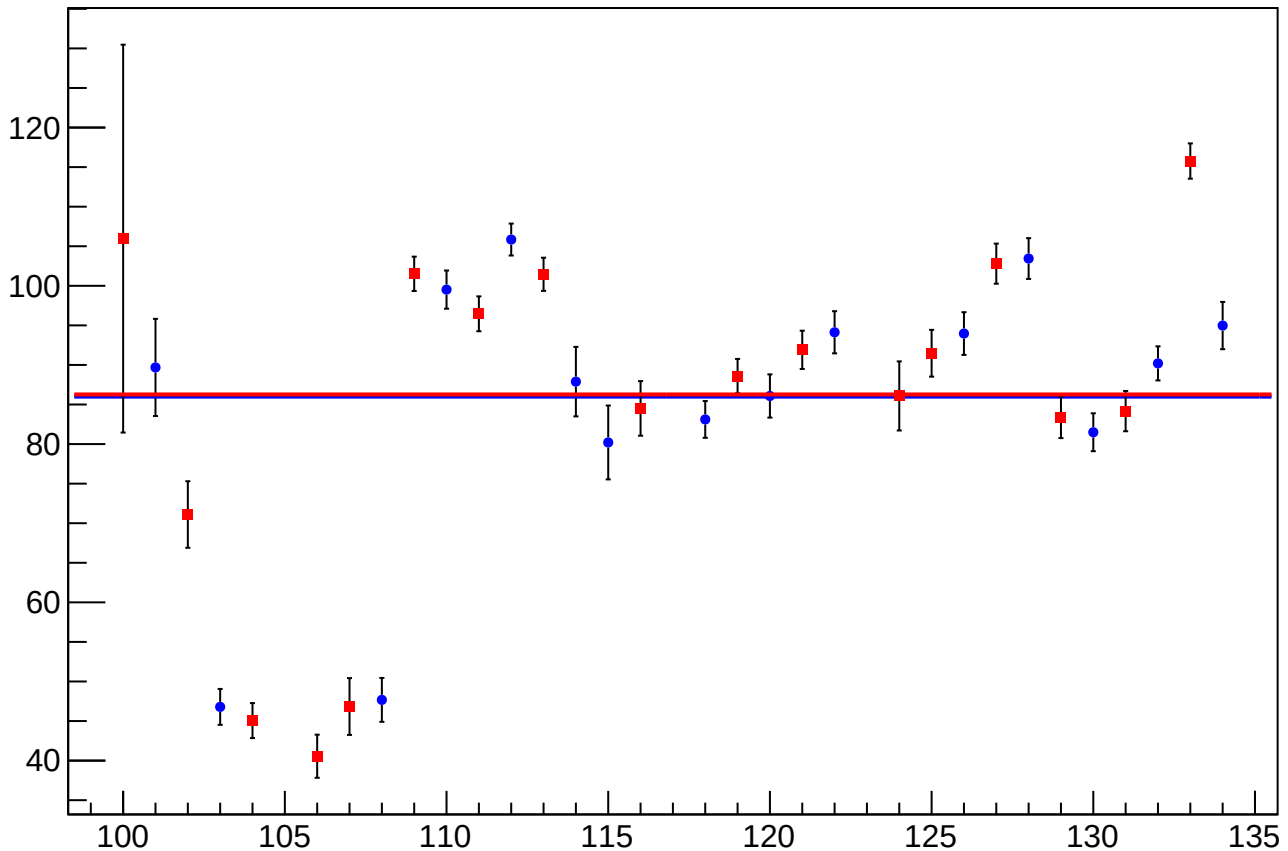
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 14.175+/-0.418 χ^2 /NDF: 367.8/31

- sign 0.000+/-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: 86.270+/-0.644 χ^2/NDF : 1116.0/16

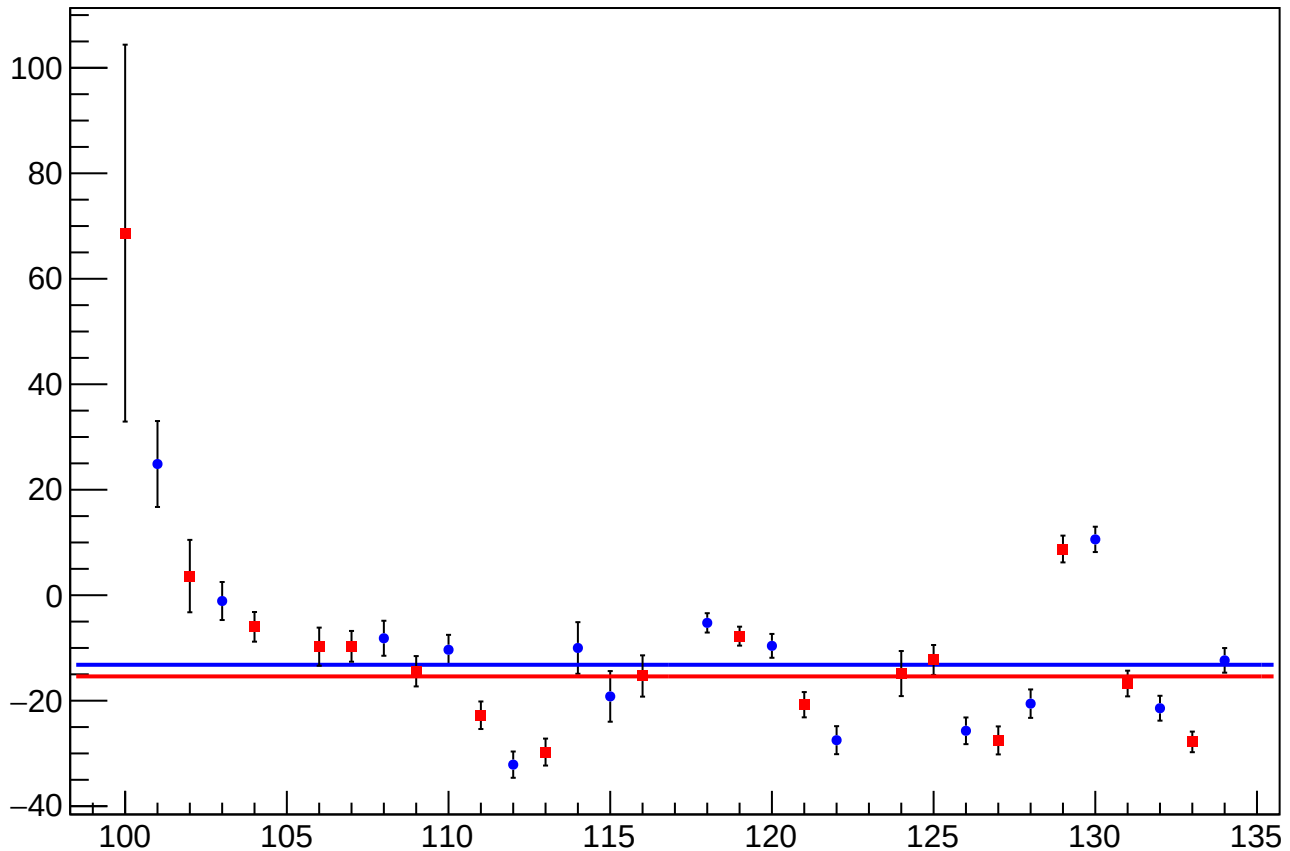
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.143+/-0.470 χ^2/NDF : 1817.8/31

- 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: -15.394 ± 0.671 χ^2/NDF : 246.7/16

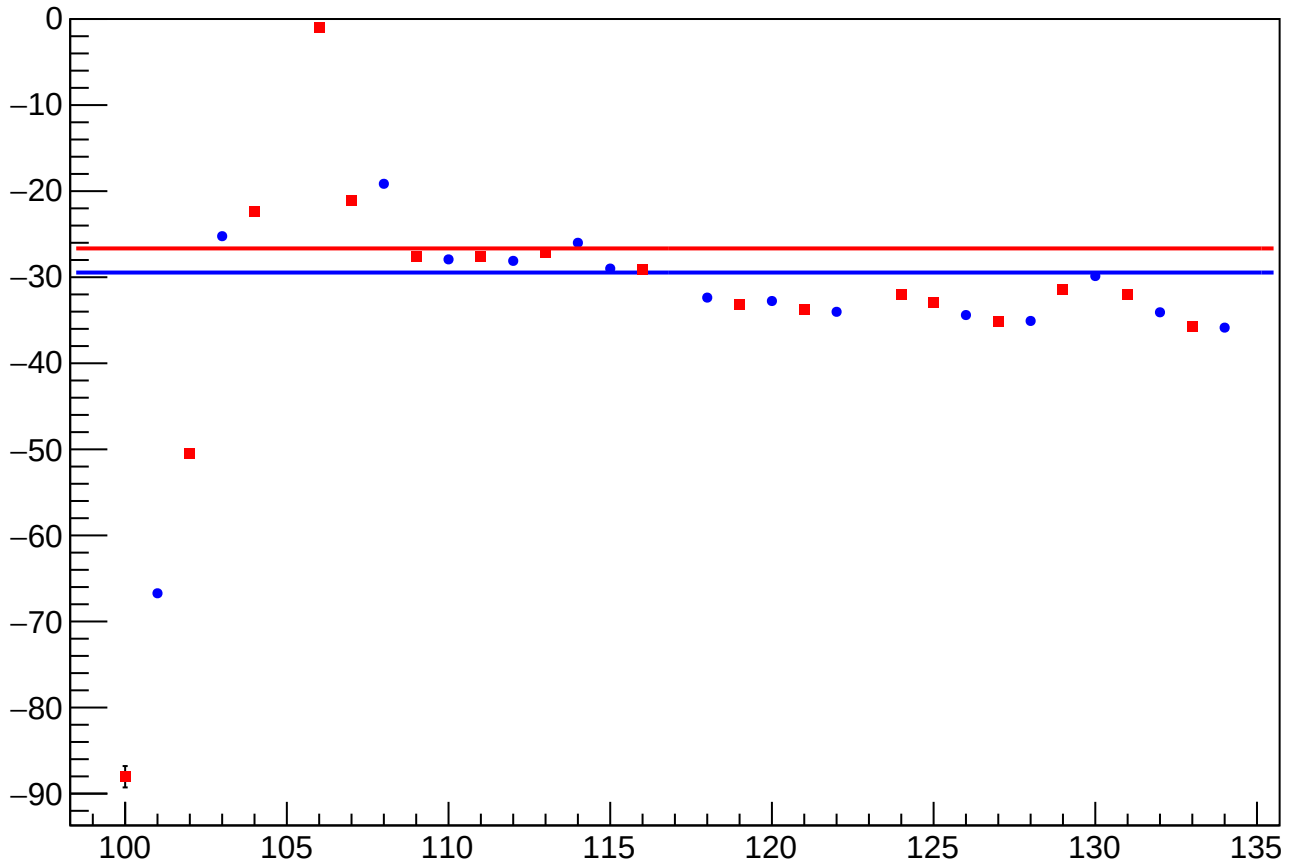
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.344 ± 0.486 χ^2/NDF : 540.5/31

- 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: -26.655 ± 0.042 χ^2/NDF : 74210.4/16

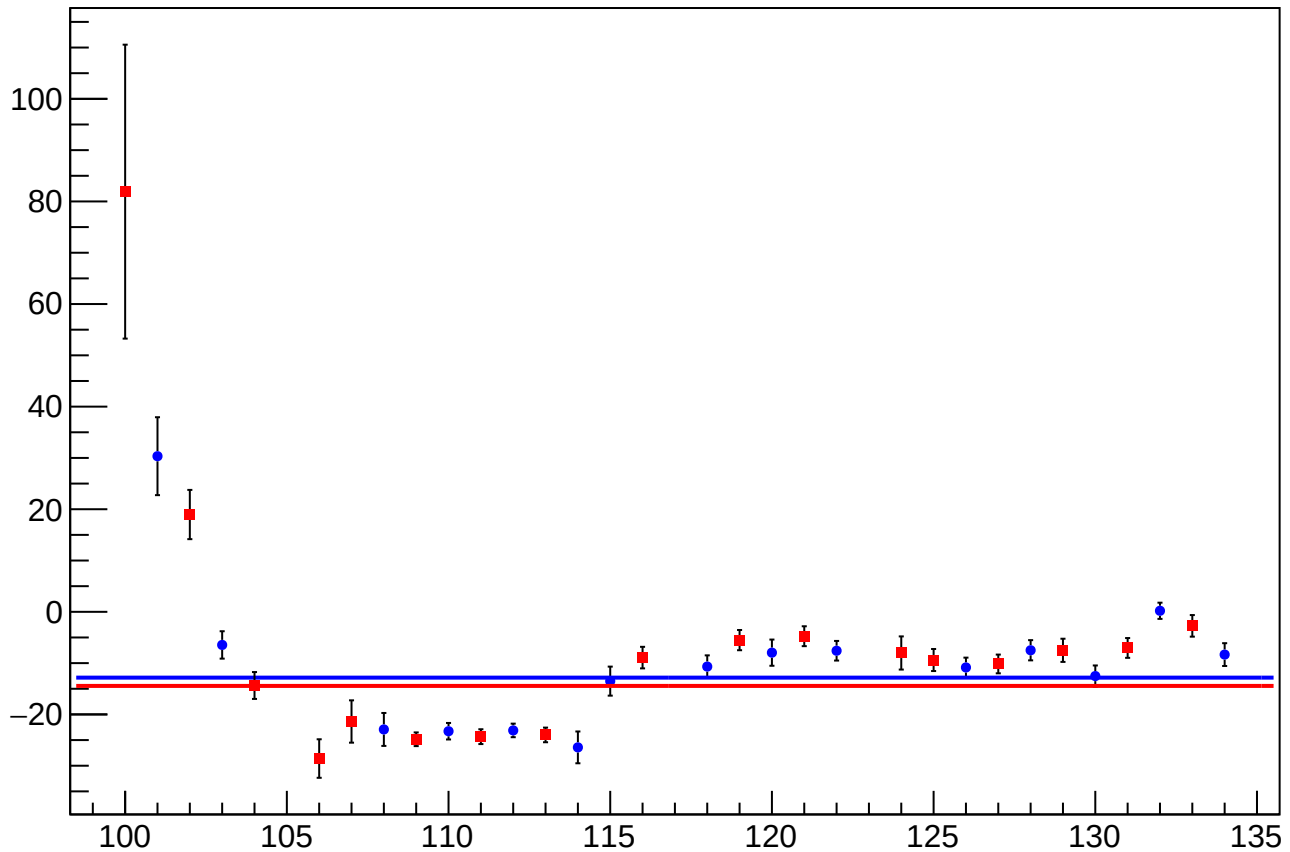
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -28.021 ± 0.030 χ^2/NDF : 103304.8/31

- 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: -14.443 ± 0.506 χ^2/NDF : 351.8/16

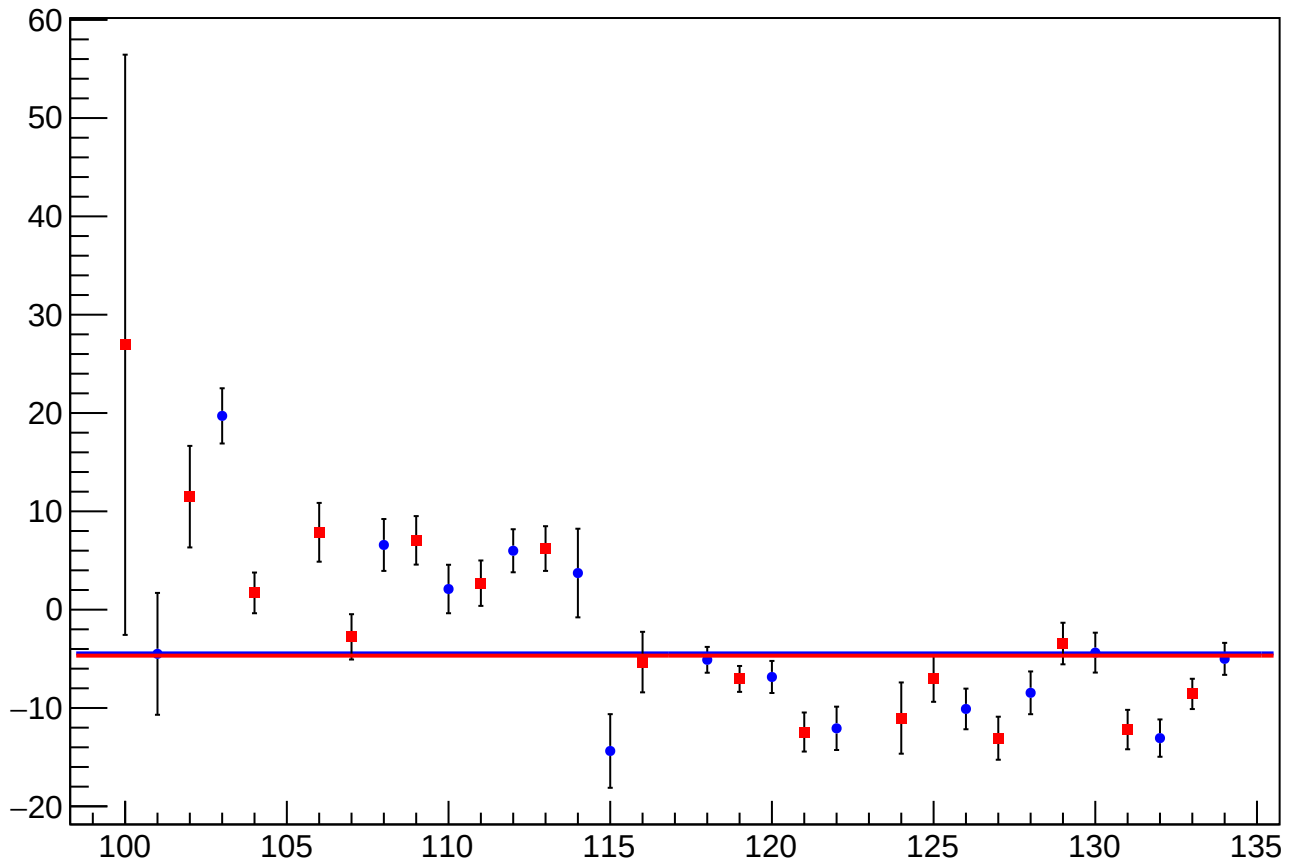
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.686 ± 0.369 χ^2/NDF : 619.1/31

- 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: -4.676+/-0.541 χ^2/NDF : 152.7/16

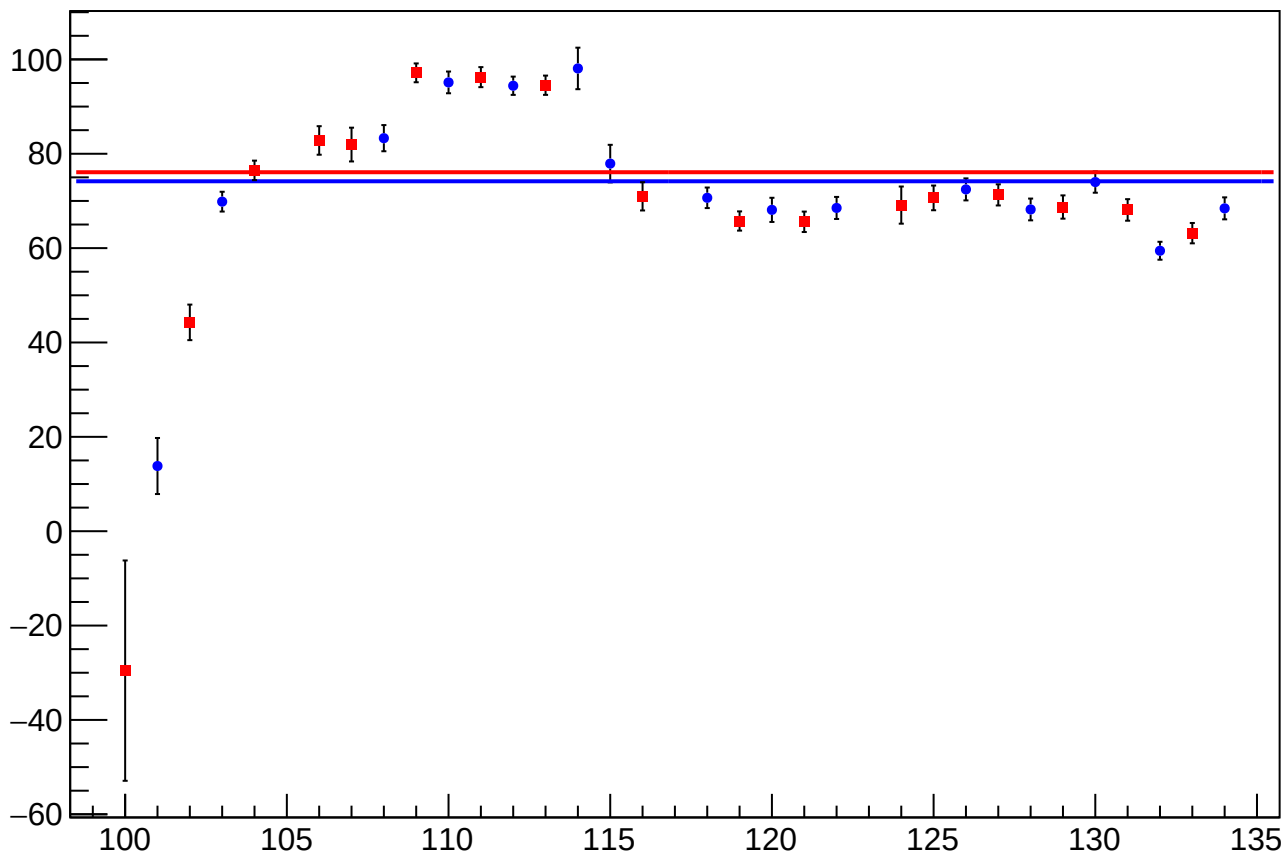
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.565+/-0.386 χ^2/NDF : 330.3/31

- 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+/-0.629 χ^2 /NDF: 428.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 76.087+/-0.603 χ^2 /NDF: 503.8/16

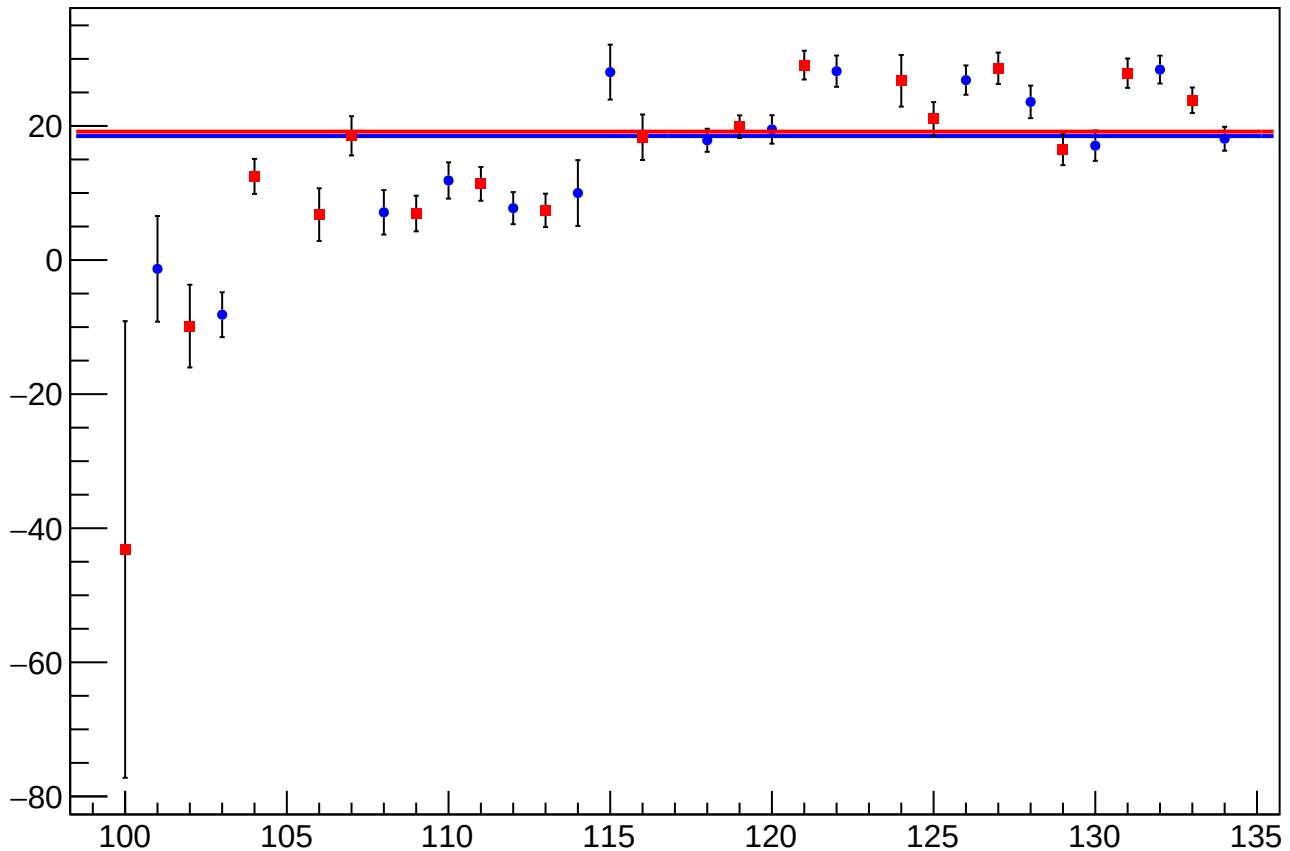
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 75.169+/-0.435 χ^2 /NDF: 936.8/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs Slug



Right In: 18.489+/-0.636 χ^2 /NDF: 176.0/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 19.158+/-0.627 χ^2 /NDF: 160.6/16

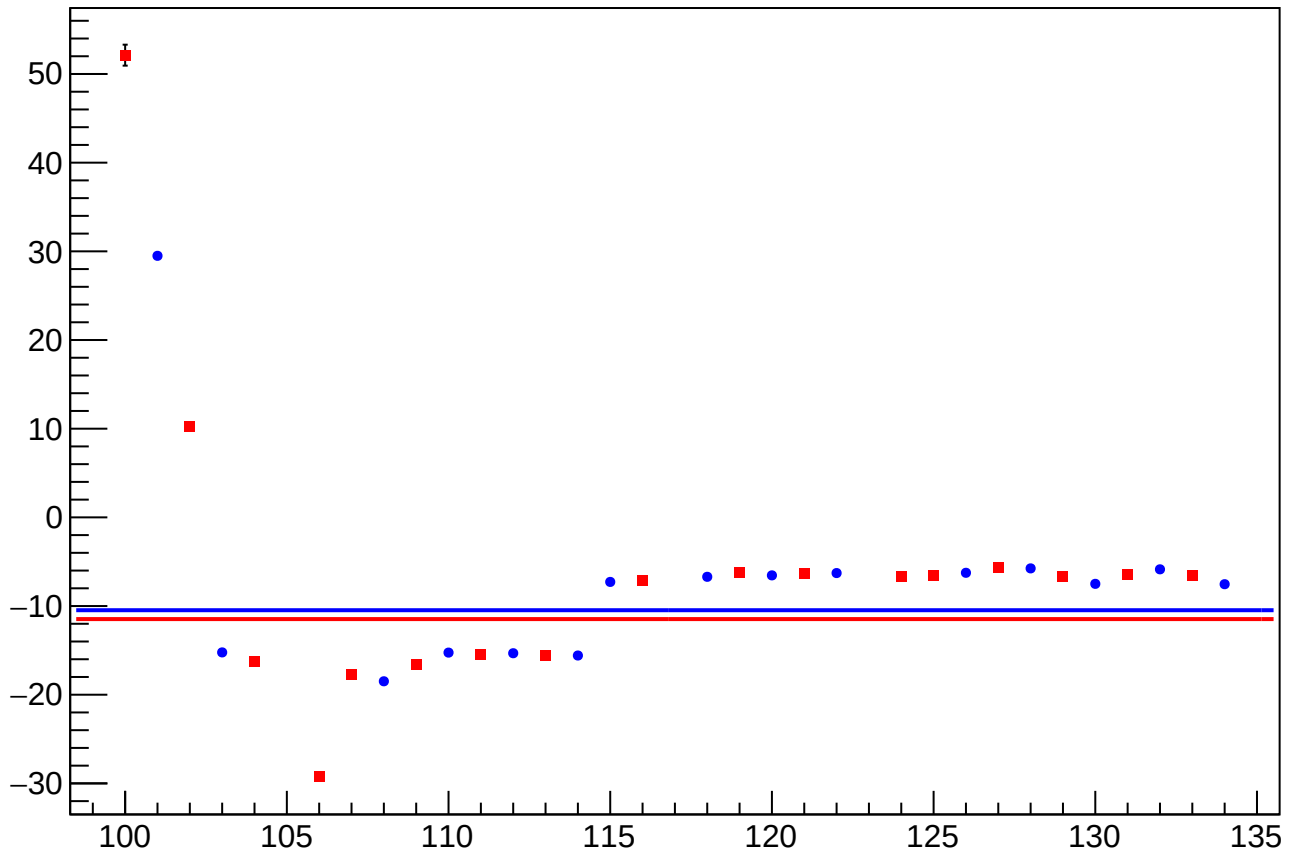
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 18.828+/-0.446 χ^2 /NDF: 337.2/31

- sign 0.000+/-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: -11.471 ± 0.040 χ^2/NDF : 48499.5/16

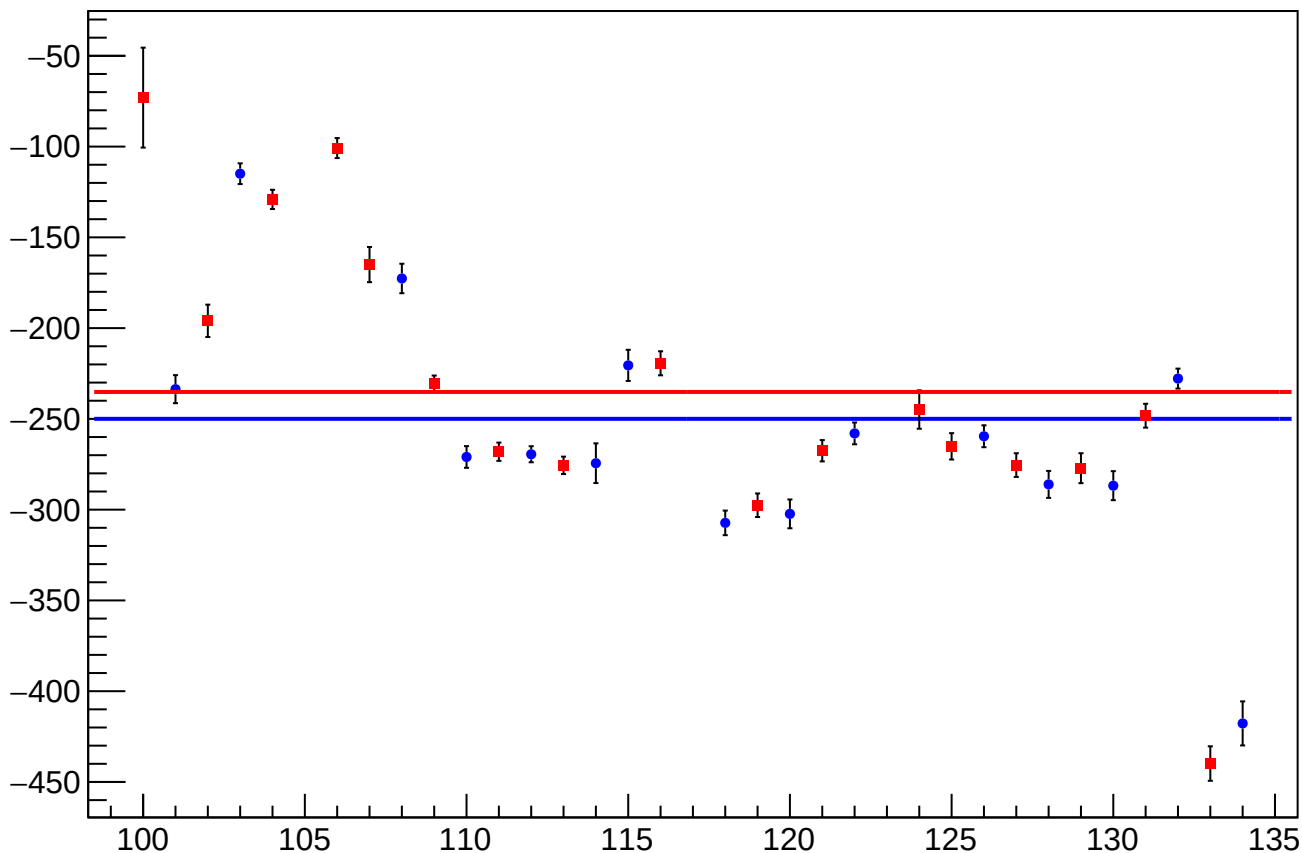
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -10.952 ± 0.028 χ^2/NDF : 76523.3/31

- 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: -235.169 ± 1.576 χ^2/NDF : 1895.7/16

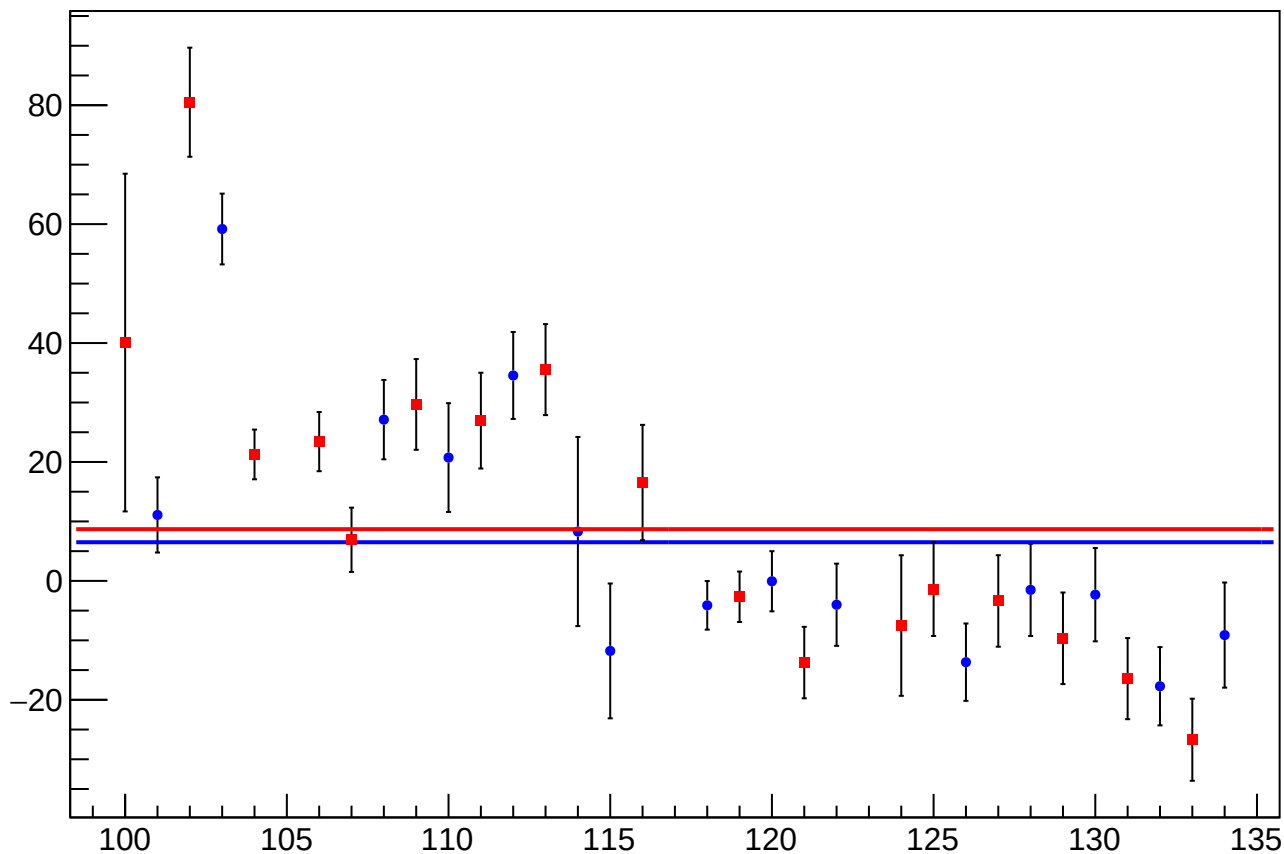
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -241.843 ± 1.168 χ^2/NDF : 3010.6/31

- 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: 8.697+/-1.606 χ^2/NDF : 178.7/16

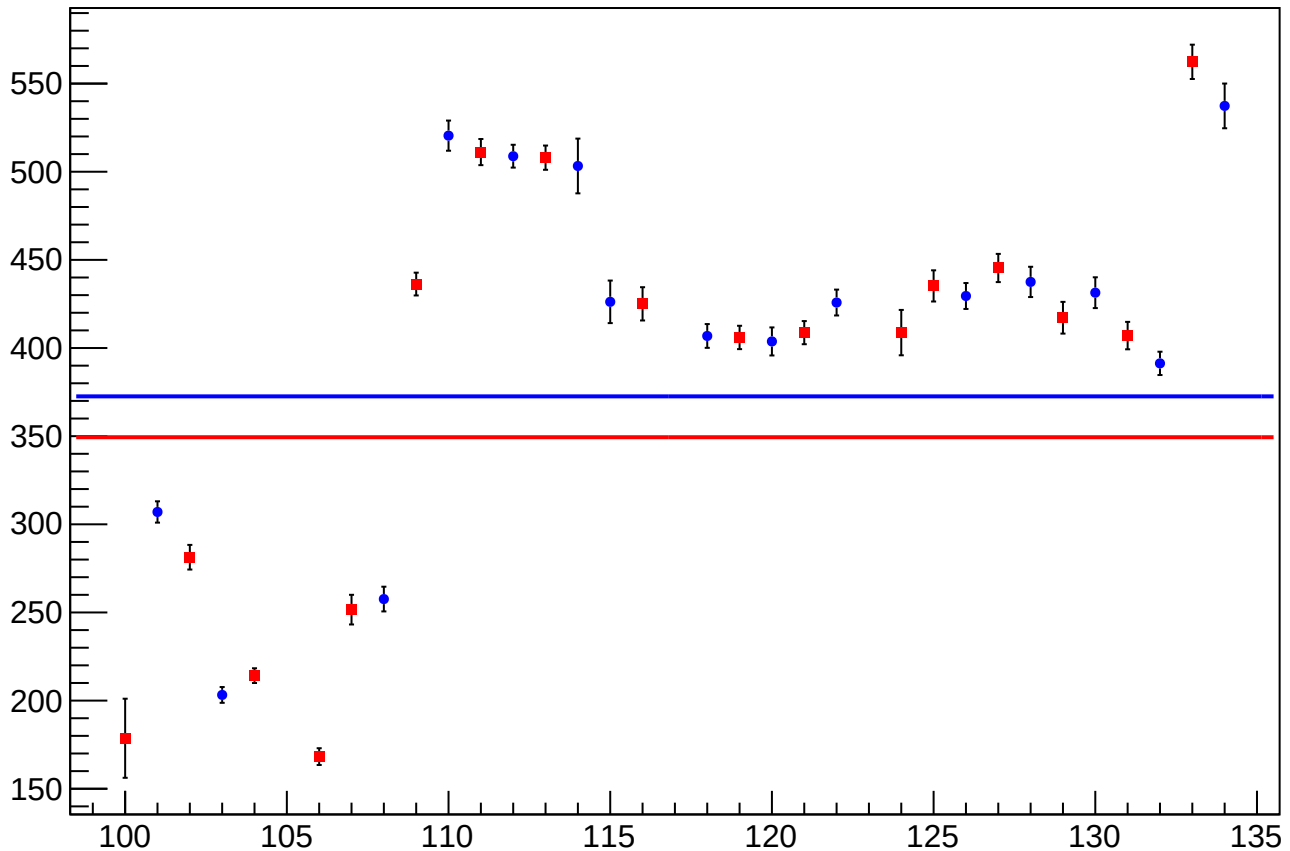
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.687+/-1.180 χ^2/NDF : 327.0/31

- 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 $\pm$ 1.901 χ^2 /NDF: 3080.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 349.403 $\pm$ 1.734 χ^2 /NDF: 5046.2/16

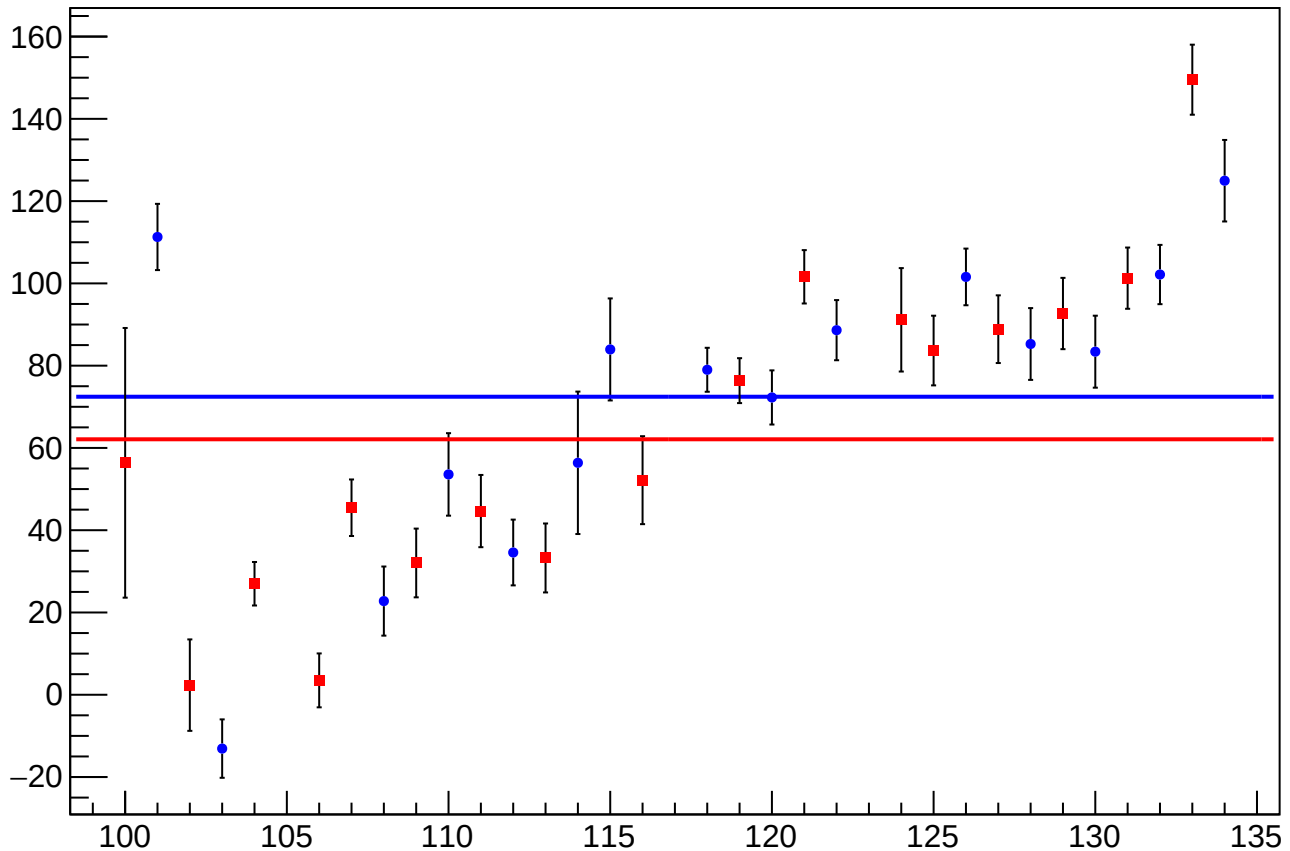
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 359.928 $\pm$ 1.281 χ^2 /NDF: 8207.9/31

- sign 0.000 $\pm$ 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: 62.101 $\pm$ 1.900 χ^2 /NDF: 400.4/16

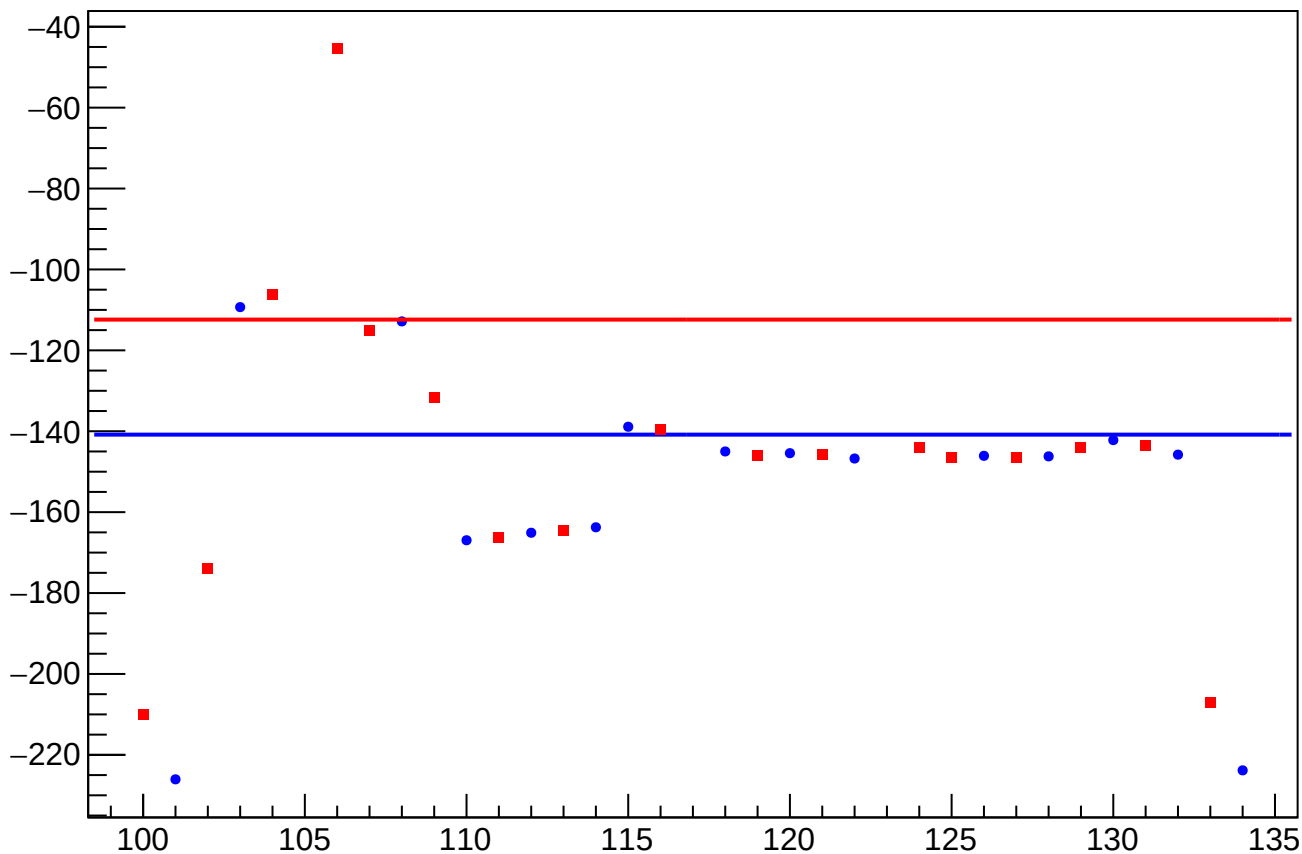
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 66.887 $\pm$ 1.393 χ^2 /NDF: 718.3/31

- 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 $\chi^2/\text{NDF}: 125333.3/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

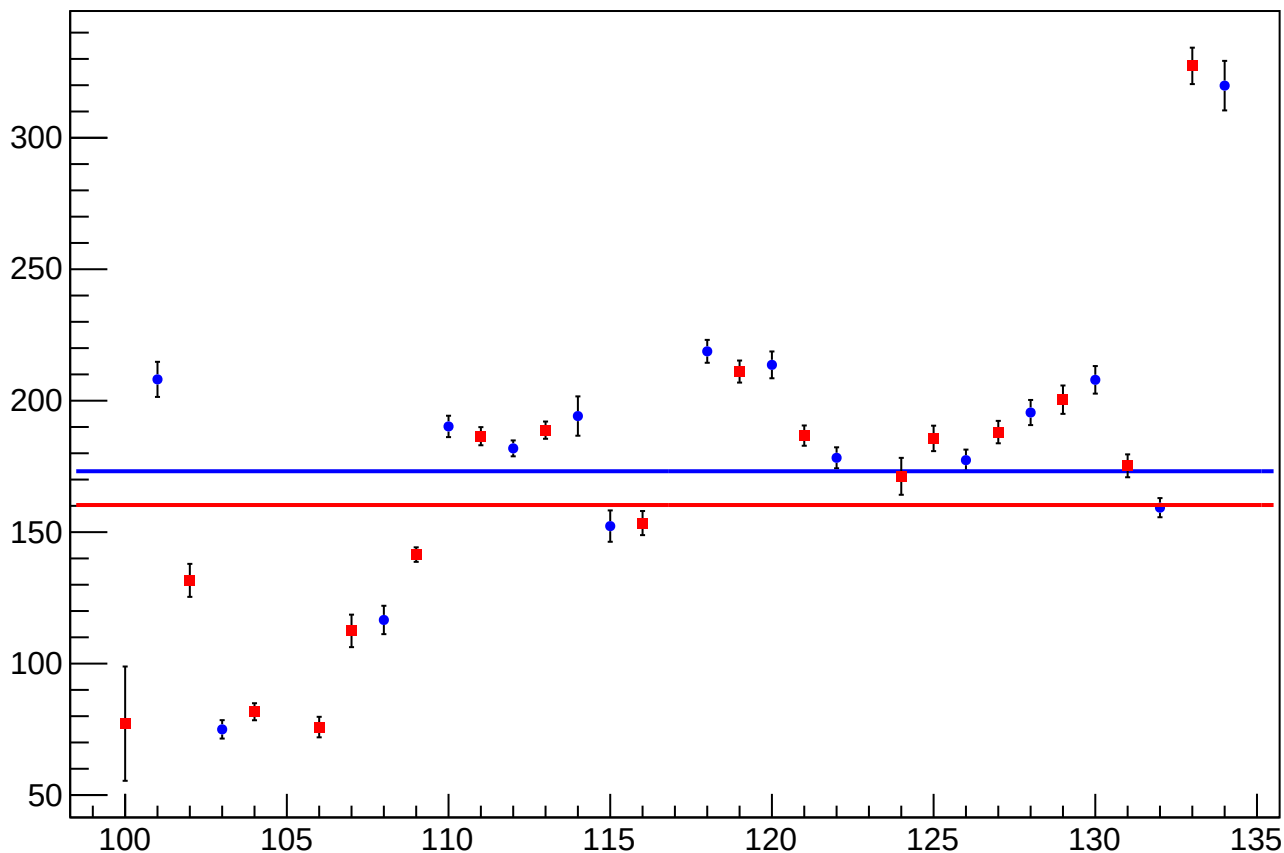
Right Out: -112.395 ± 0.097 $\chi^2/\text{NDF}: 233465.0/16$

All: -124.614 ± 0.073 $\chi^2/\text{NDF}: 395524.8/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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: 160.319+/-1.043 χ^2/NDF : 2248.0/16

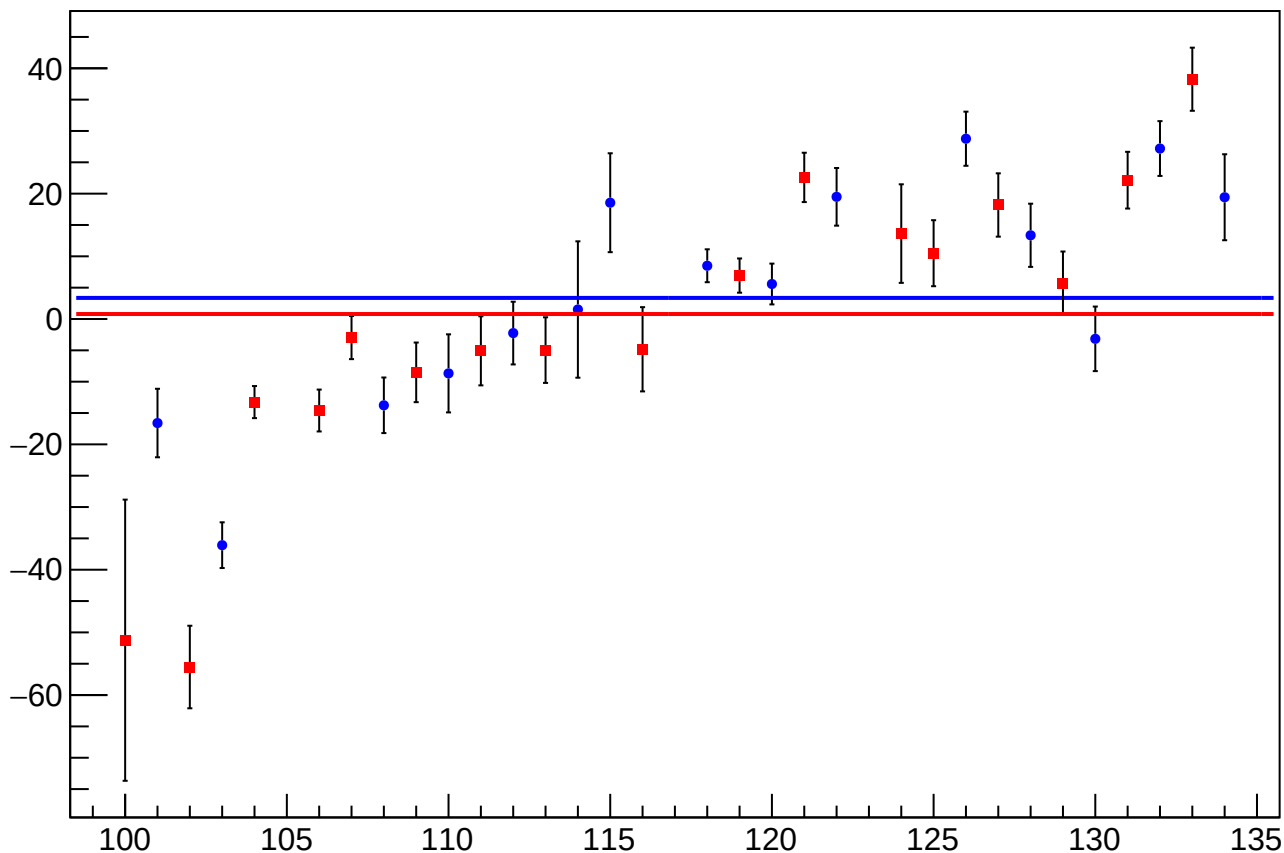
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.035+/-0.777 χ^2/NDF : 3782.8/31

- 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: 0.795+/-1.051 χ^2/NDF : 270.2/16

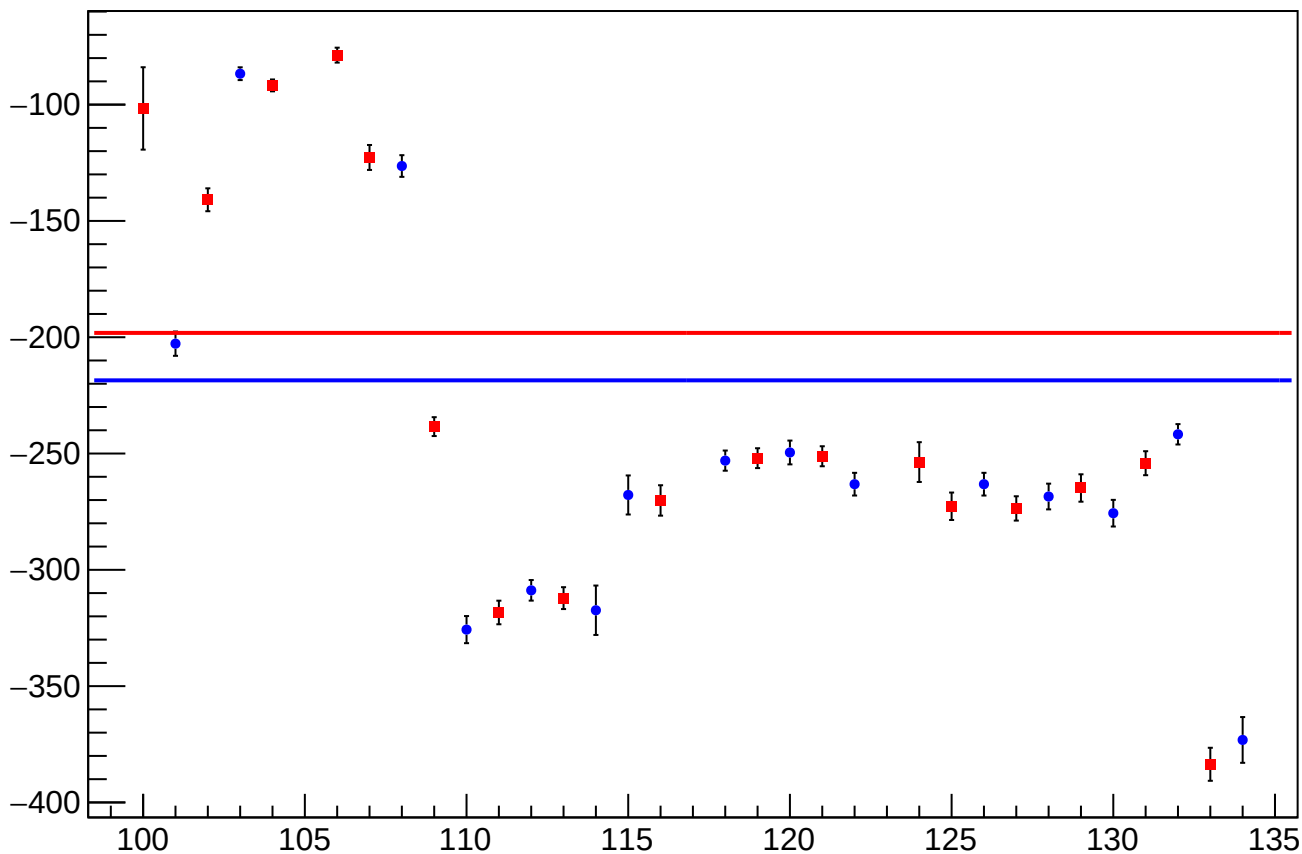
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.952+/-0.779 χ^2/NDF : 518.7/31

- 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: -198.144+/-1.138 χ^2 /NDF: 6500.2/16

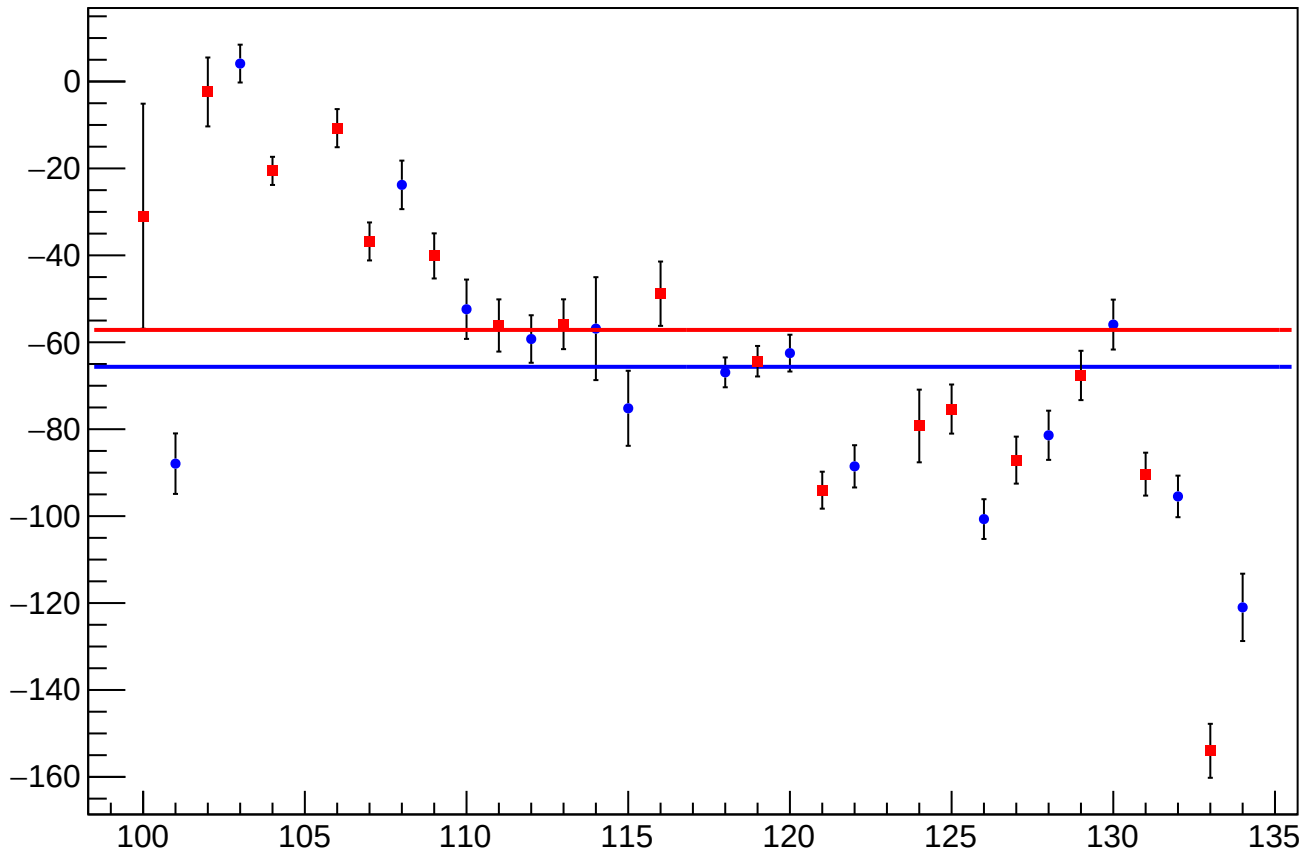
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -207.225+/-0.848 χ^2 /NDF: 10942.3/31

- 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 $\pm$ 1.369 χ^2 /NDF: 512.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -57.159 $\pm$ 1.245 χ^2 /NDF: 741.6/16

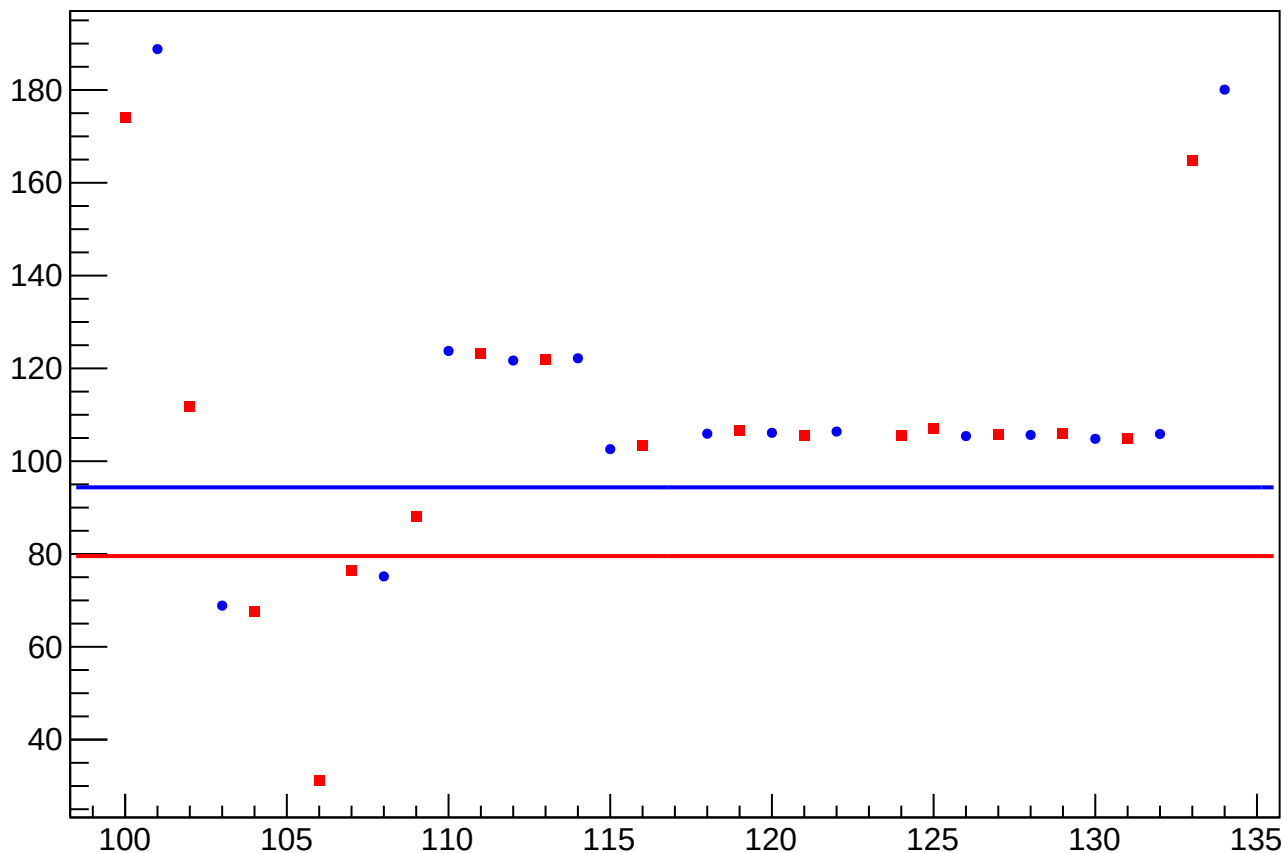
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -61.003 $\pm$ 0.921 χ^2 /NDF: 1275.1/31

- sign 0.000 $\pm$ 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: 79.546+/-0.066 χ^2/NDF : 232411.8/16

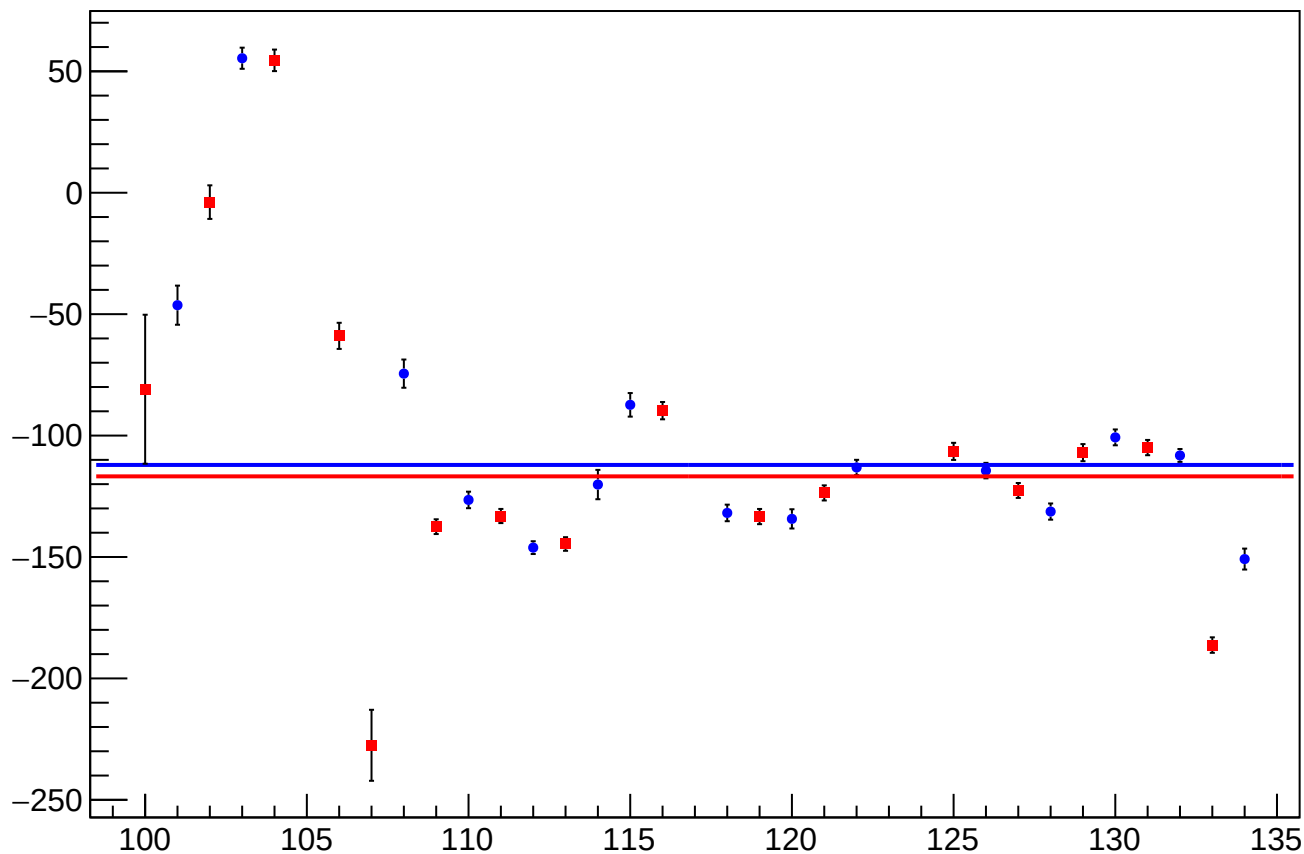
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.094+/-0.049 χ^2/NDF : 469014.8/31

- 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 χ^2/NDF : 1997.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -116.794 ± 0.907 χ^2/NDF : 2708.4/15

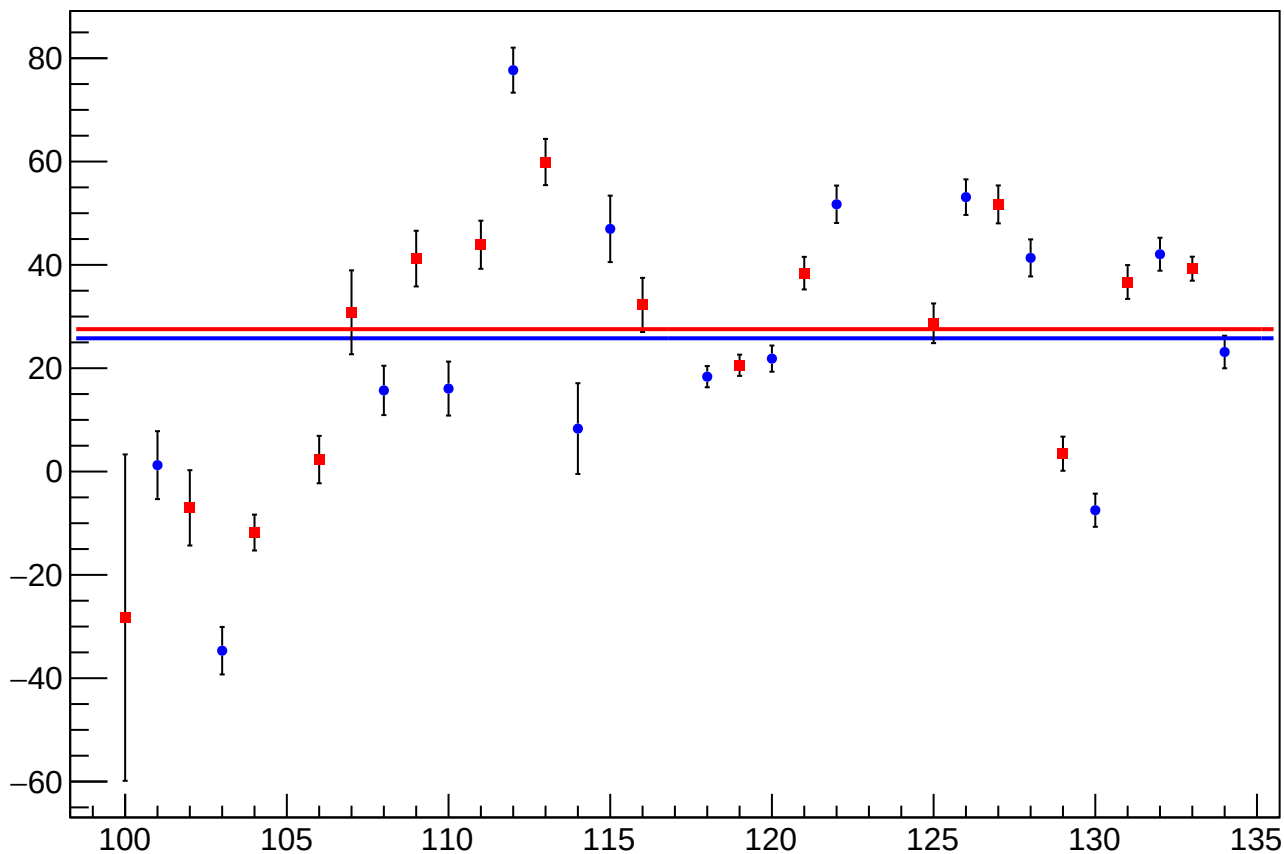
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -114.530 ± 0.653 χ^2/NDF : 4718.5/30

- sign 0.000 ± 0.000 χ^2/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: 27.560 $\pm$ 0.920 χ^2 /NDF: 409.6/15

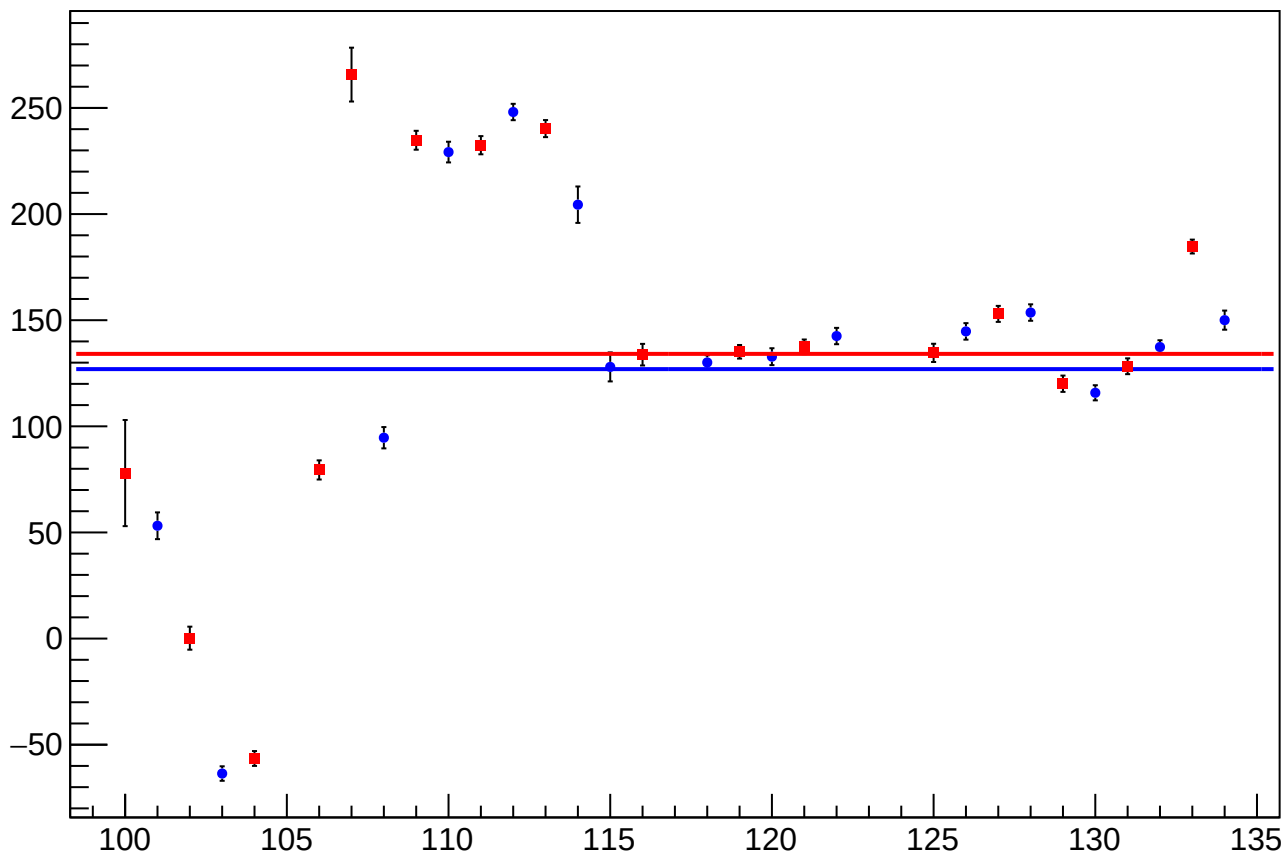
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26.681 $\pm$ 0.652 χ^2 /NDF: 1046.0/30

- 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: 134.129 $\pm$ 1.044 χ^2 /NDF: 5855.8/15

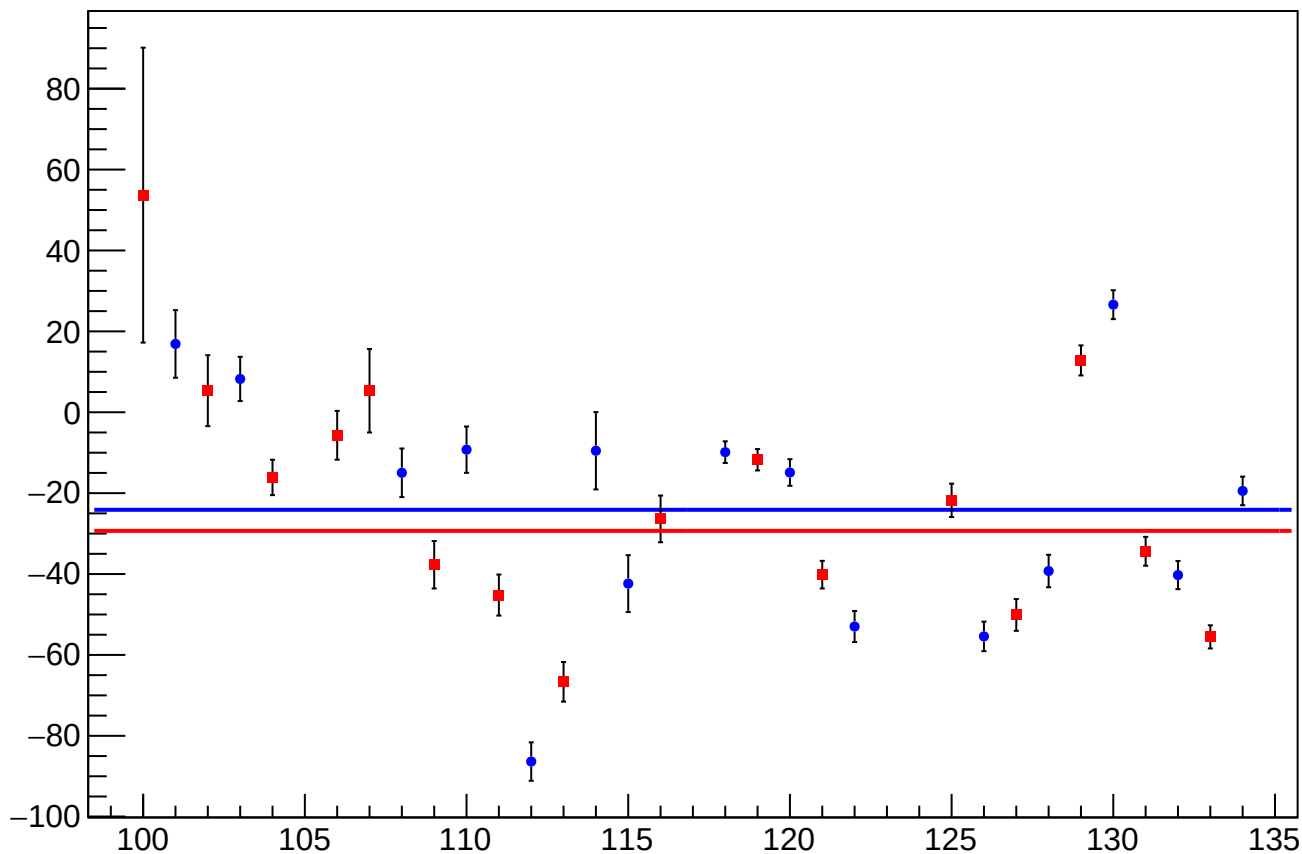
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 130.634 $\pm$ 0.748 χ^2 /NDF: 10812.7/30

- 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: -29.327 ± 1.073 χ^2/NDF : 427.2/15

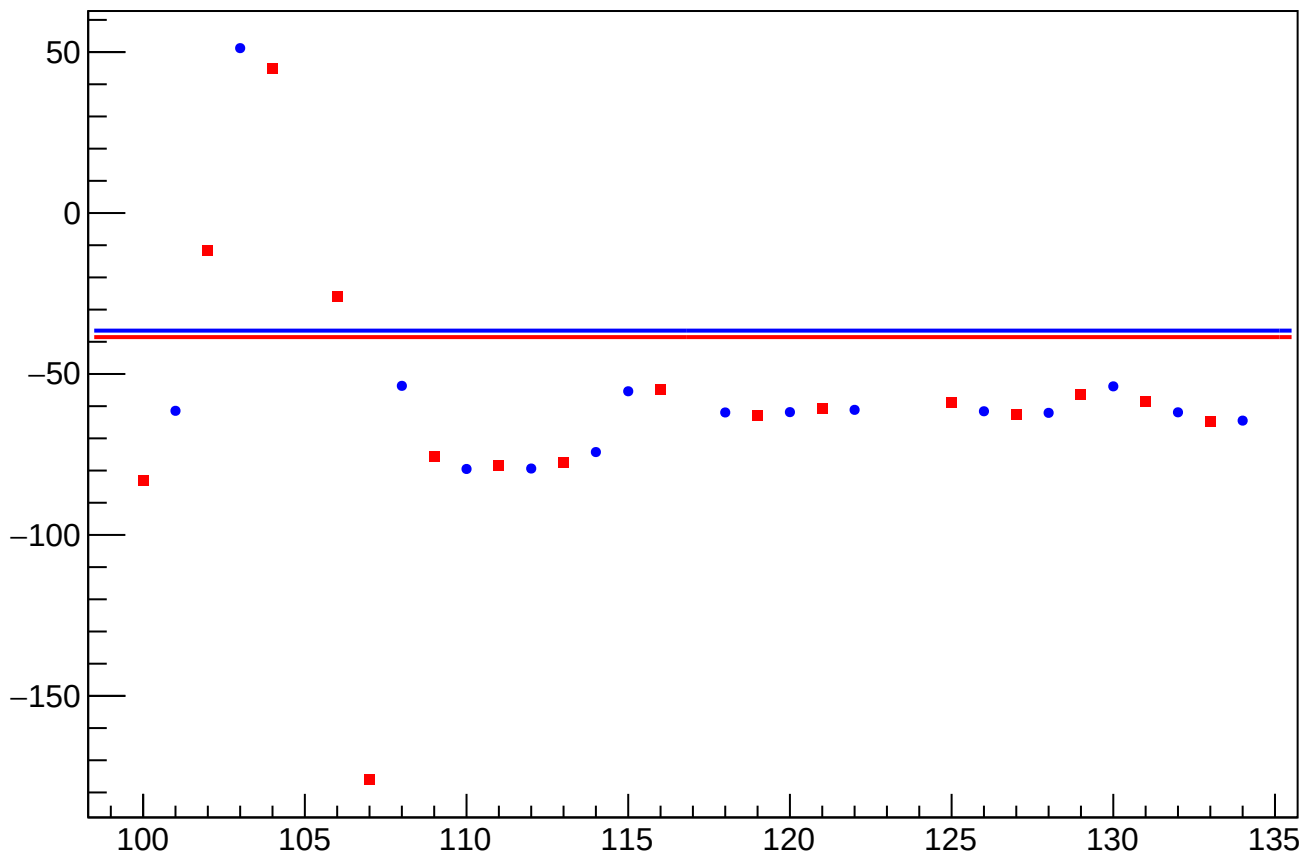
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -26.736 ± 0.761 χ^2/NDF : 1092.2/30

- 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 $\chi^2/\text{NDF}: 500927.8/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -38.546 ± 0.070 $\chi^2/\text{NDF}: 430092.7/15$

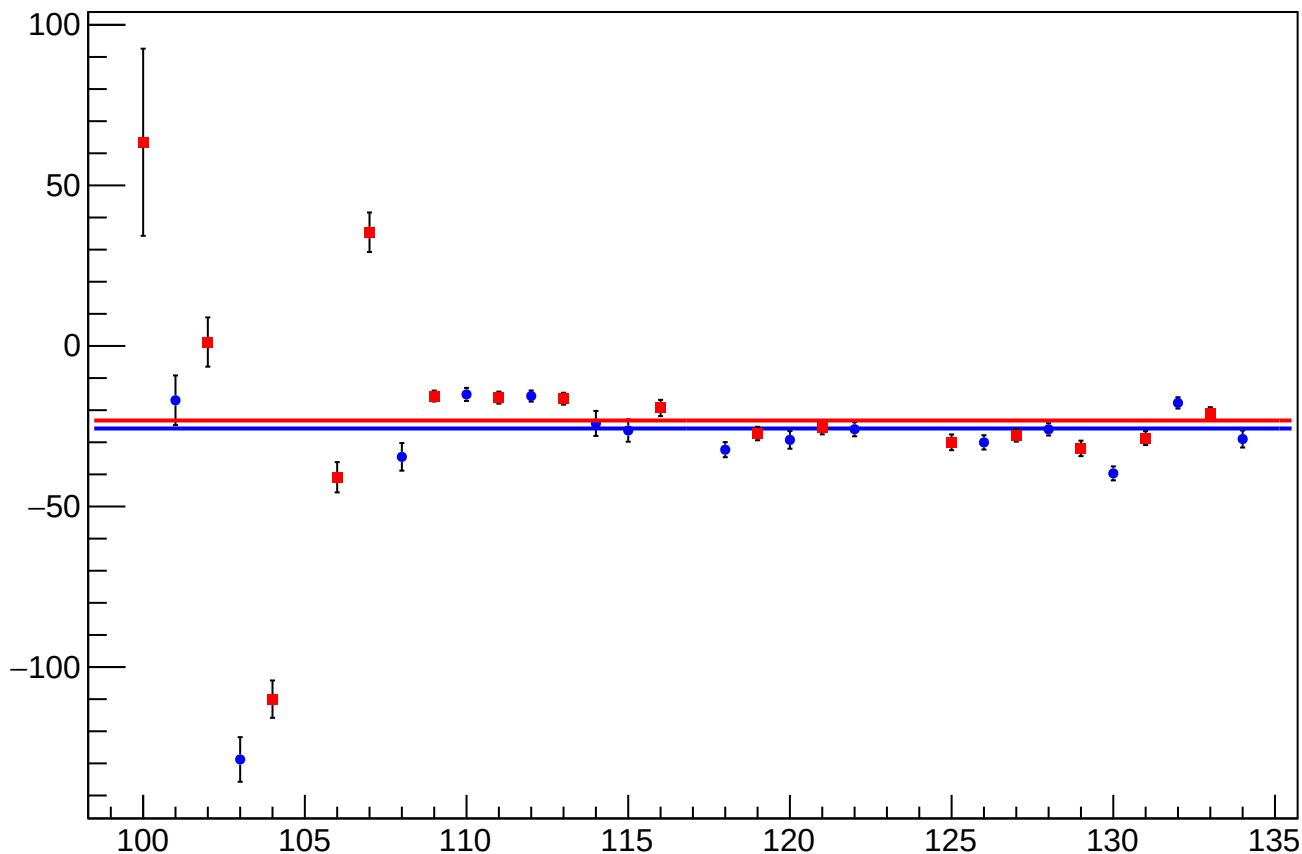
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -37.512 ± 0.049 $\chi^2/\text{NDF}: 931450.7/30$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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: -23.214 ± 0.611 χ^2/NDF : 434.6/15

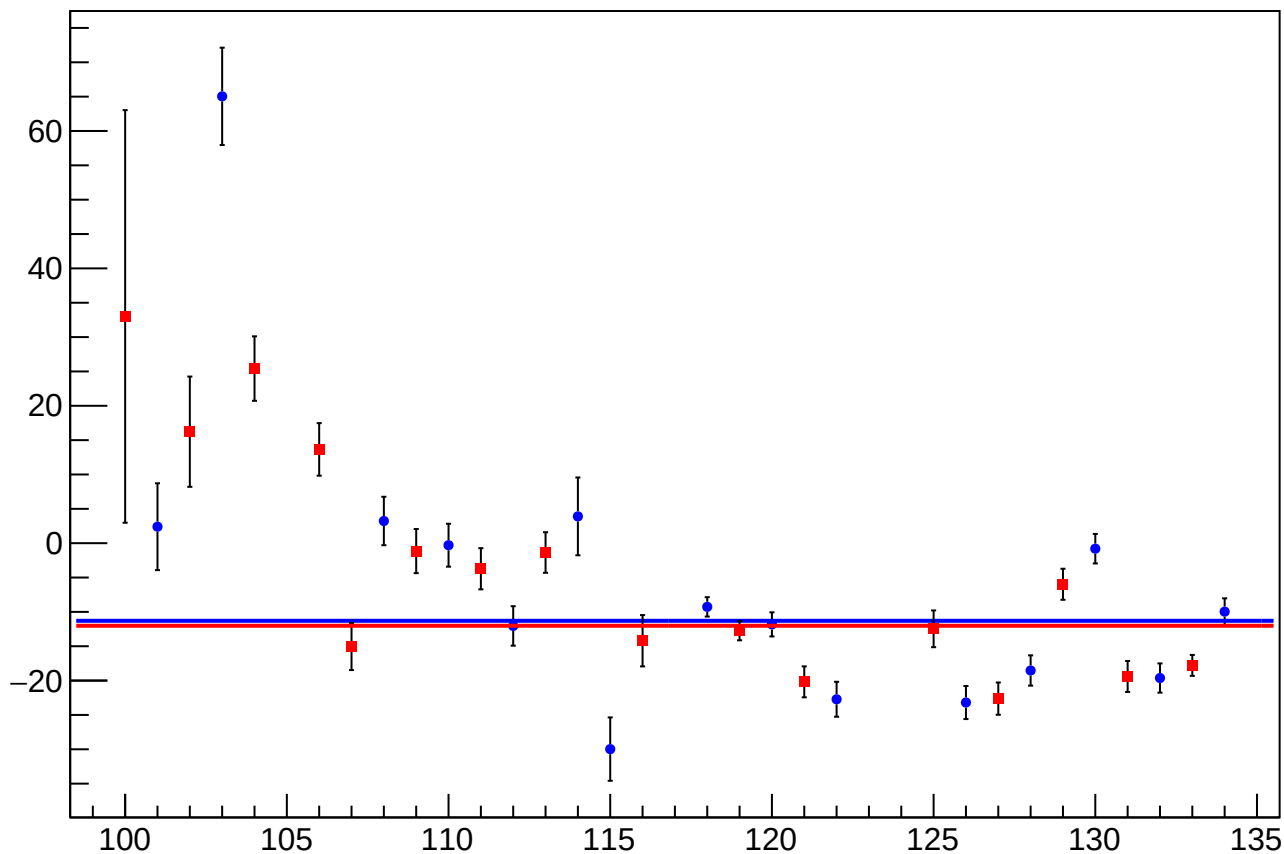
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -24.412 ± 0.441 χ^2/NDF : 805.6/30

- 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 $\pm$ 0.634 χ^2 /NDF: 271.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -12.016 $\pm$ 0.637 χ^2 /NDF: 222.6/15

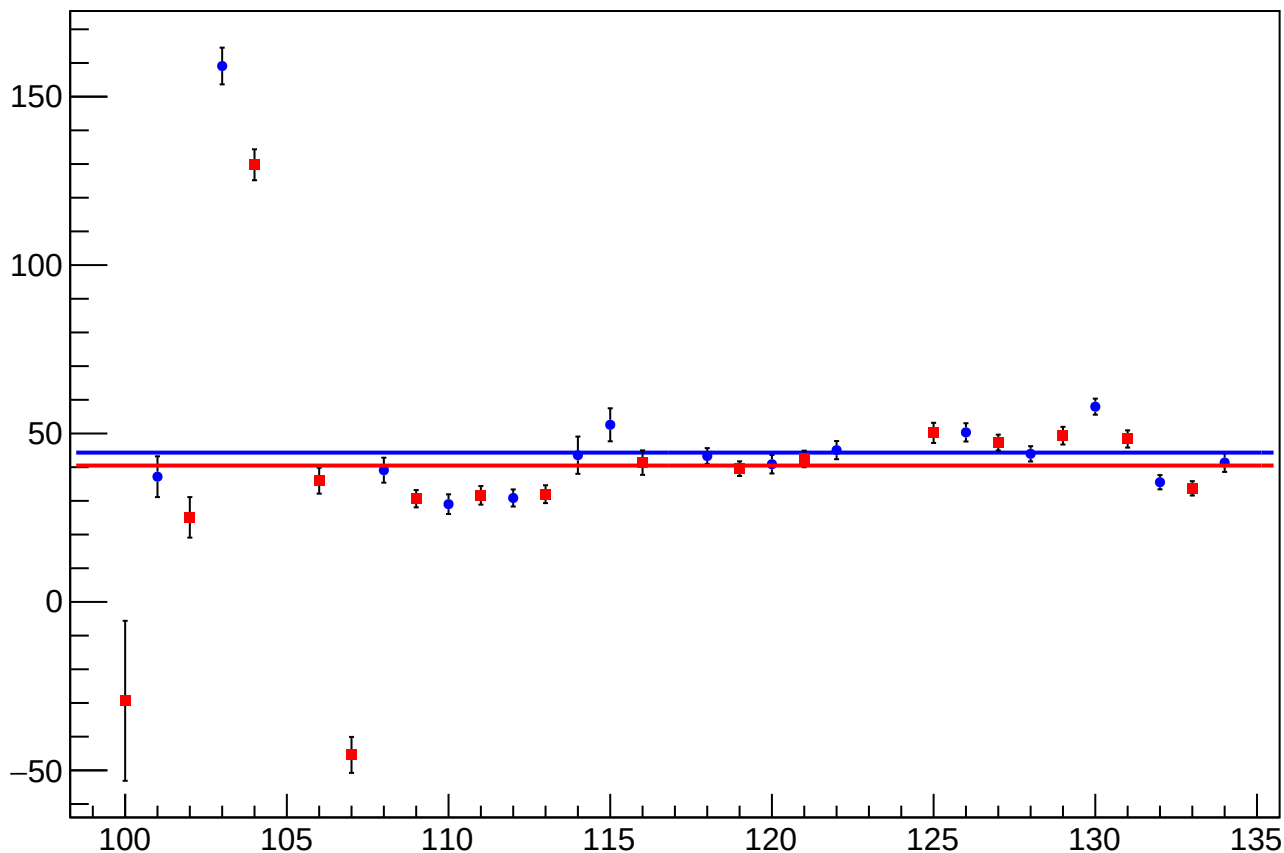
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -11.654 $\pm$ 0.449 χ^2 /NDF: 494.2/30

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: 44.327 $\pm$ 0.747 χ^2 /NDF: 563.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 40.484 $\pm$ 0.732 χ^2 /NDF: 739.1/15

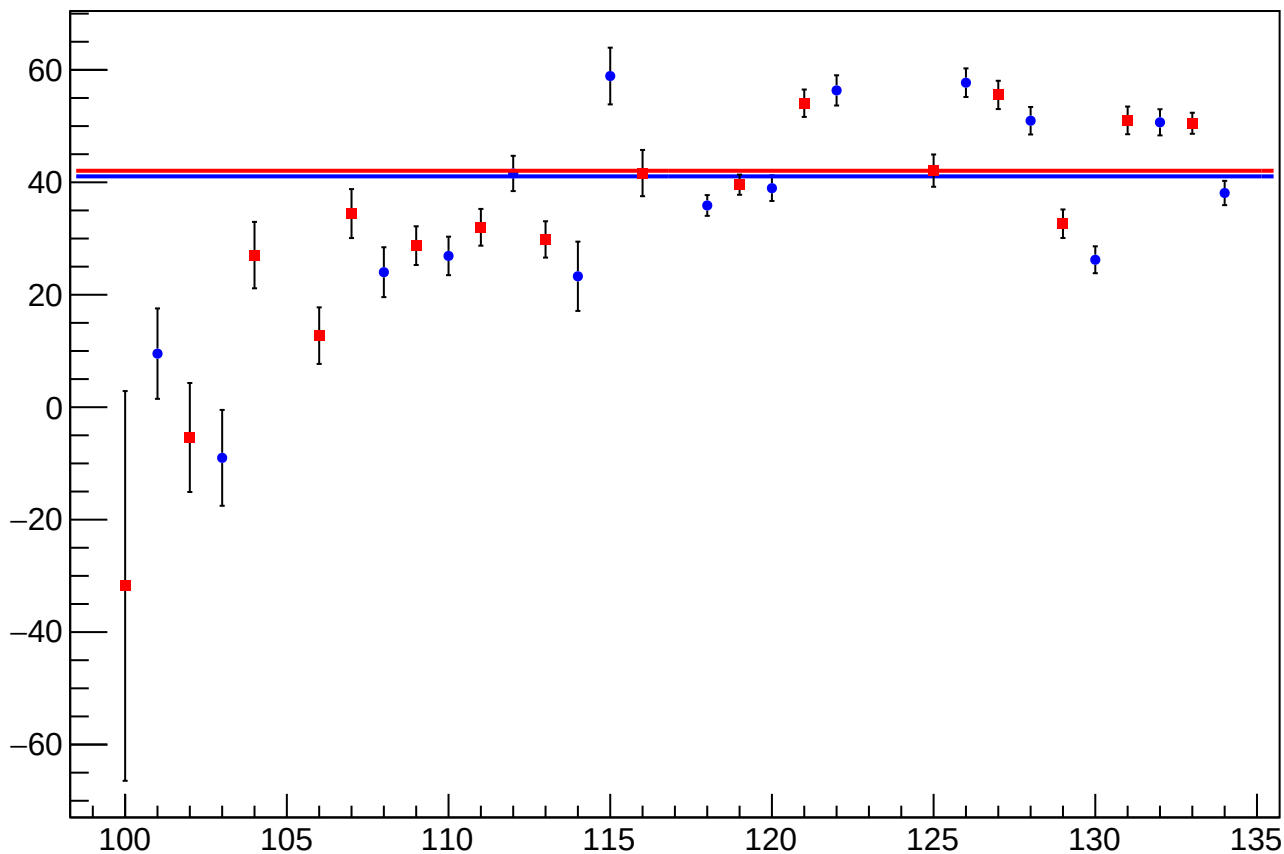
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 42.364 $\pm$ 0.523 χ^2 /NDF: 1316.2/30

- sign 0.000 $\pm$ 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: 42.056+/-0.739 χ^2/NDF : 213.1/15

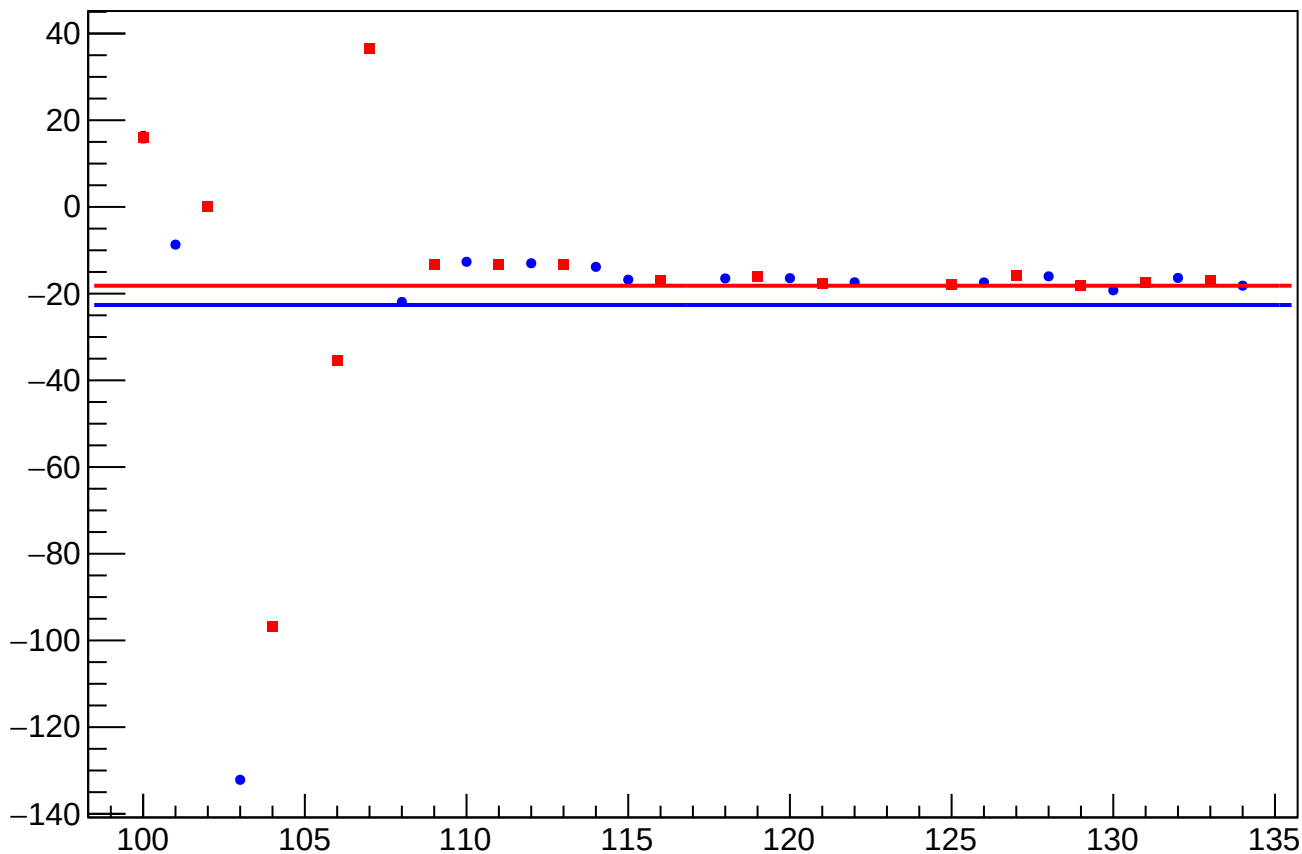
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.553+/-0.521 χ^2/NDF : 474.2/30

- 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 $\pm$ 0.050 χ^2 /NDF: 239282.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -18.173 $\pm$ 0.052 χ^2 /NDF: 203571.4/15

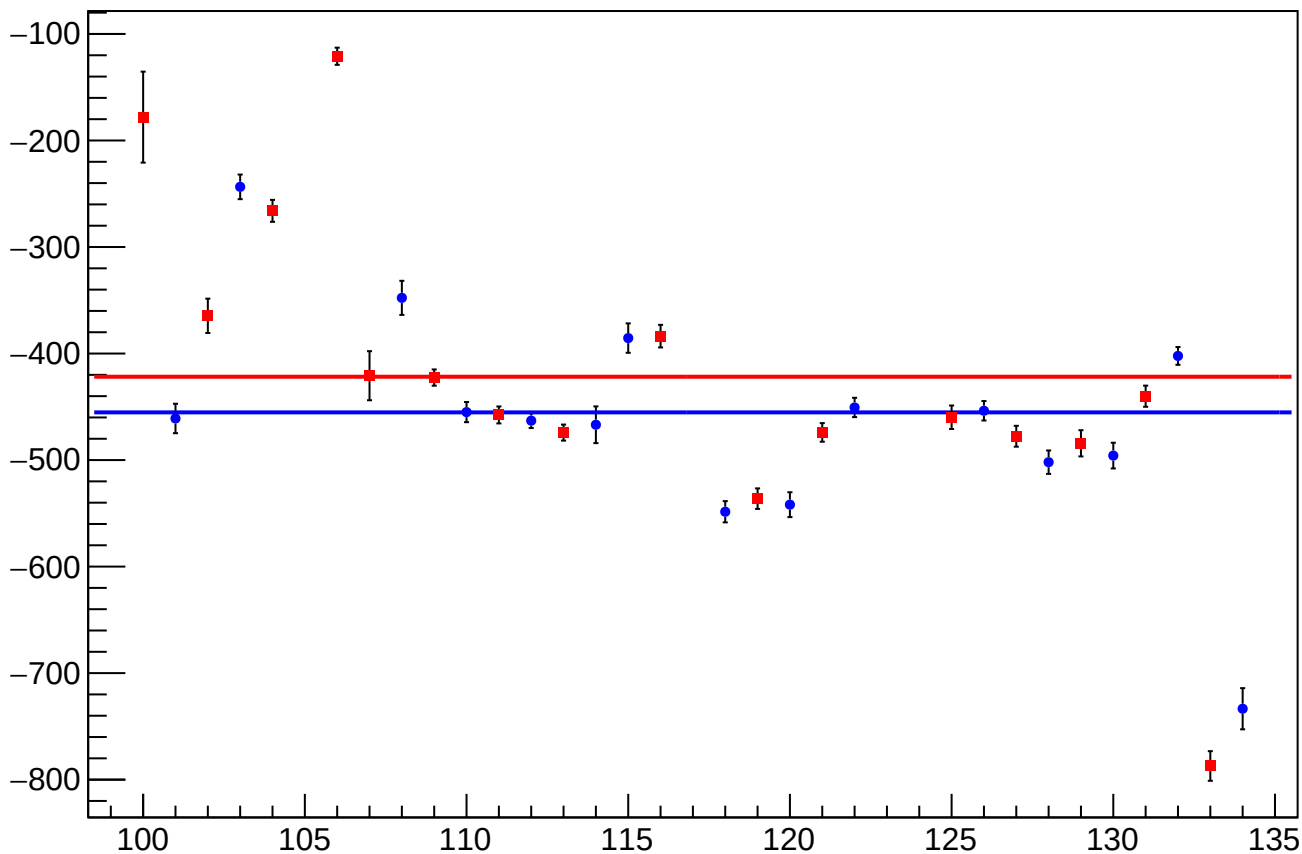
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -20.490 $\pm$ 0.036 χ^2 /NDF: 446597.3/30

- sign 0.000 $\pm$ 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: -421.760+/-2.539 χ^2/NDF : 2693.6/15

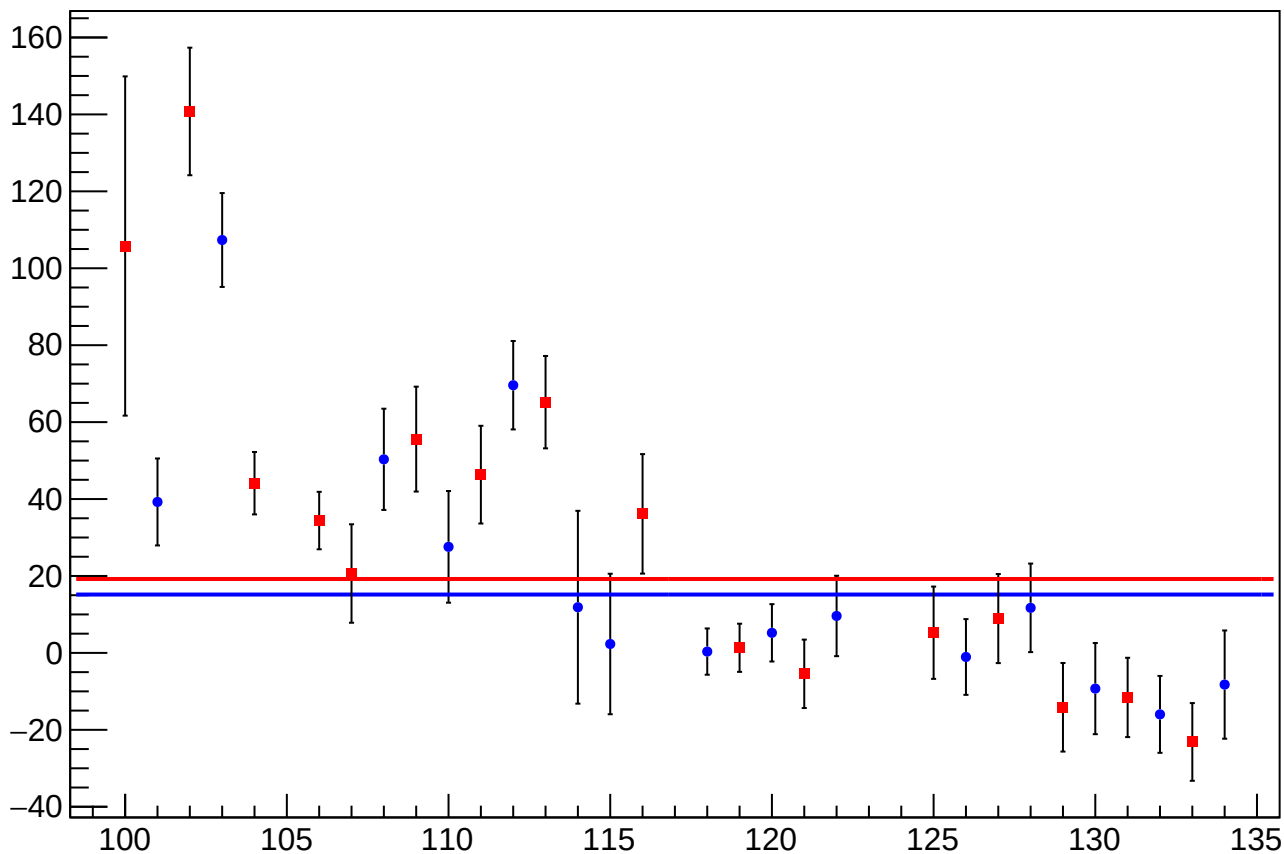
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -437.073+/-1.870 χ^2/NDF : 3601.3/30

- 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: 19.218 $\pm$ 2.623 χ^2 /NDF: 151.6/15

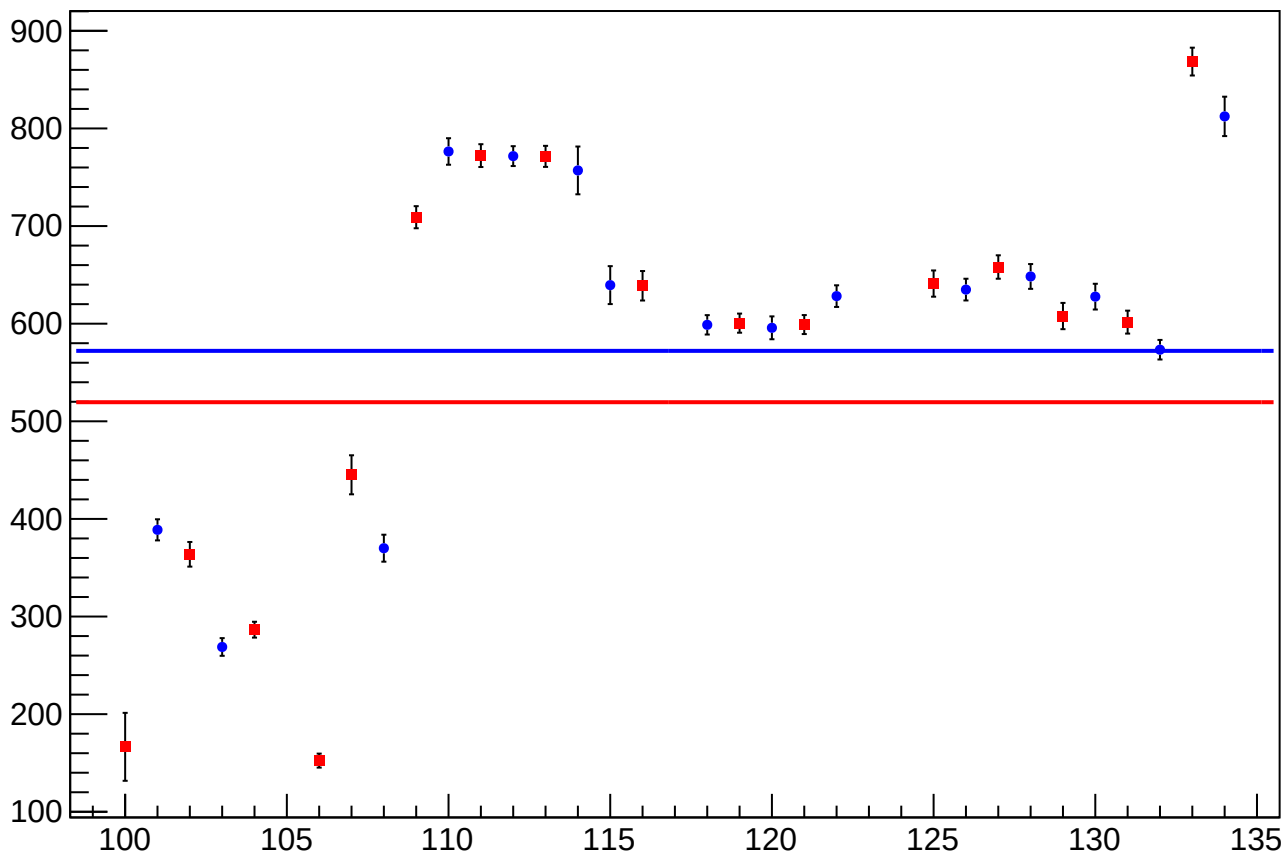
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.292 $\pm$ 1.899 χ^2 /NDF: 272.8/30

- 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: 519.560+/-2.845 χ^2/NDF : 6113.7/15

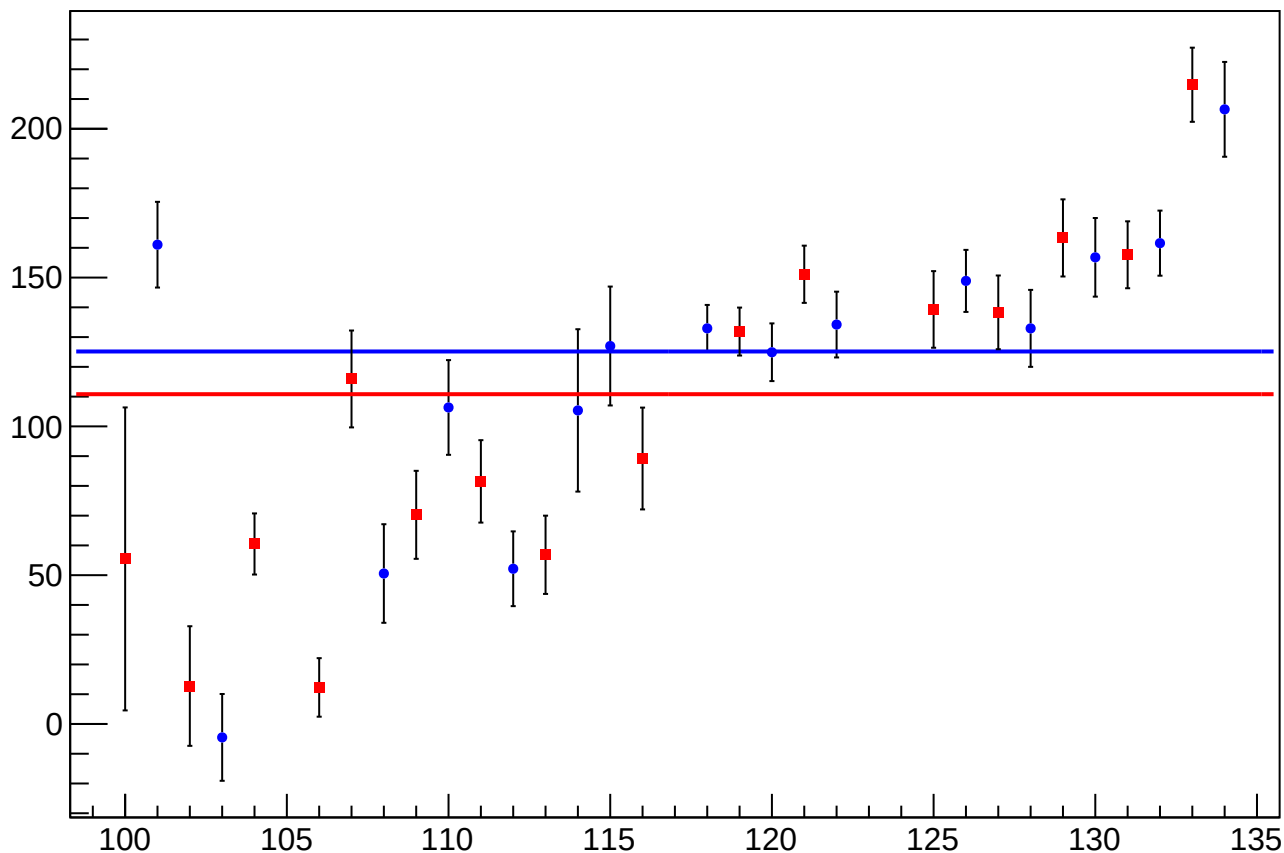
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 543.517+/-2.099 χ^2/NDF : 8834.9/30

- 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: 110.814+/-3.093 χ^2/NDF : 317.5/15

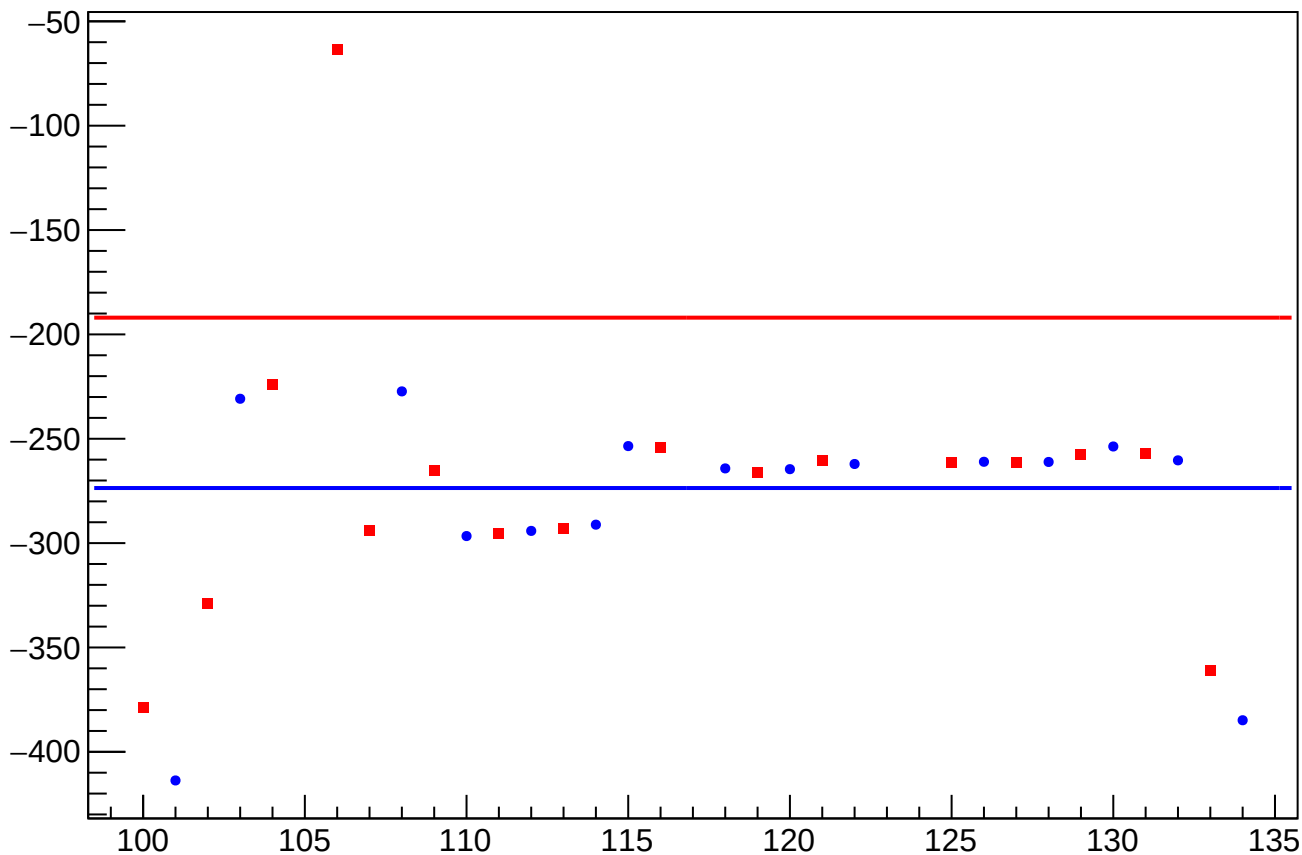
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.667+/-2.236 χ^2/NDF : 519.2/30

- 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: -191.975+/-0.158 χ^2/NDF : 448547.4/15

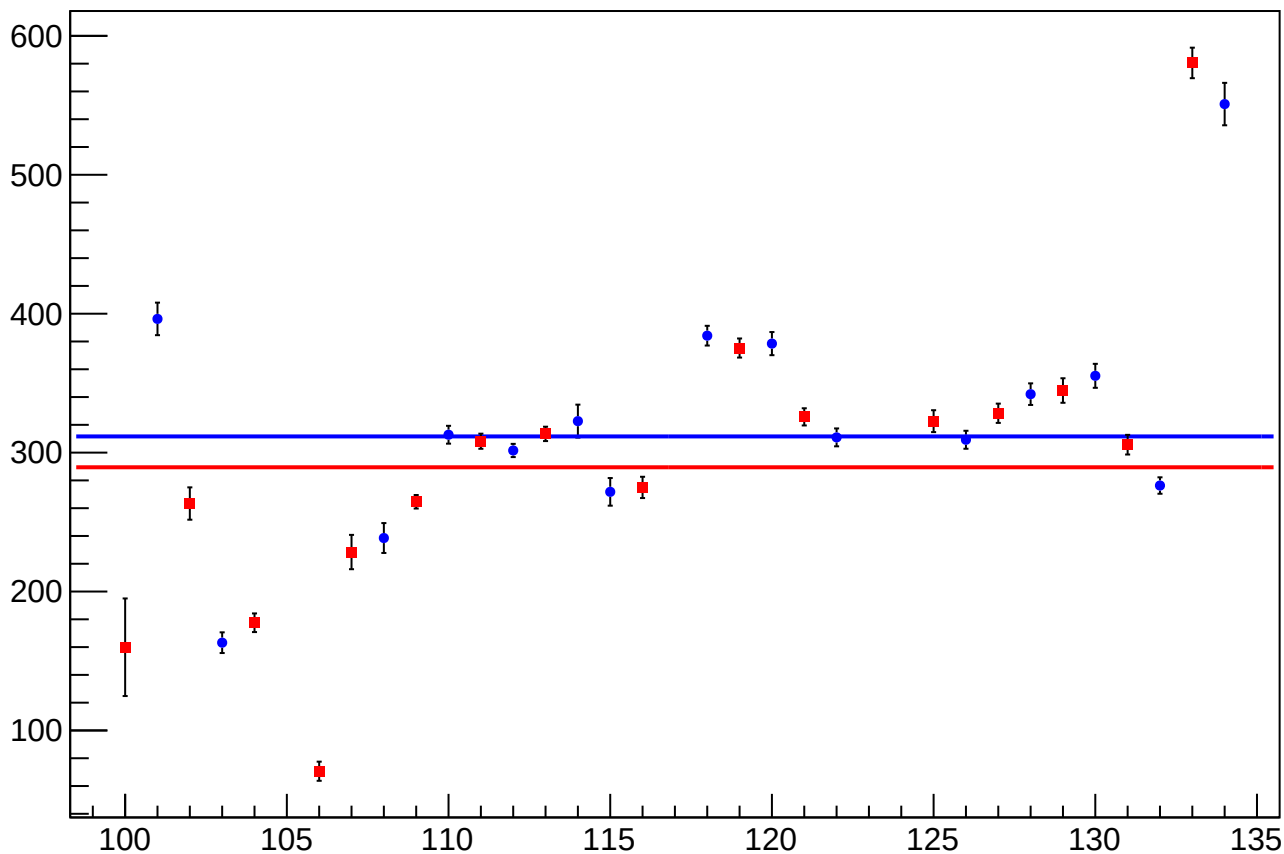
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -223.968+/-0.123 χ^2/NDF : 640219.5/30

- 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: 289.447 $\pm$ 1.785 χ^2 /NDF: 2379.5/15

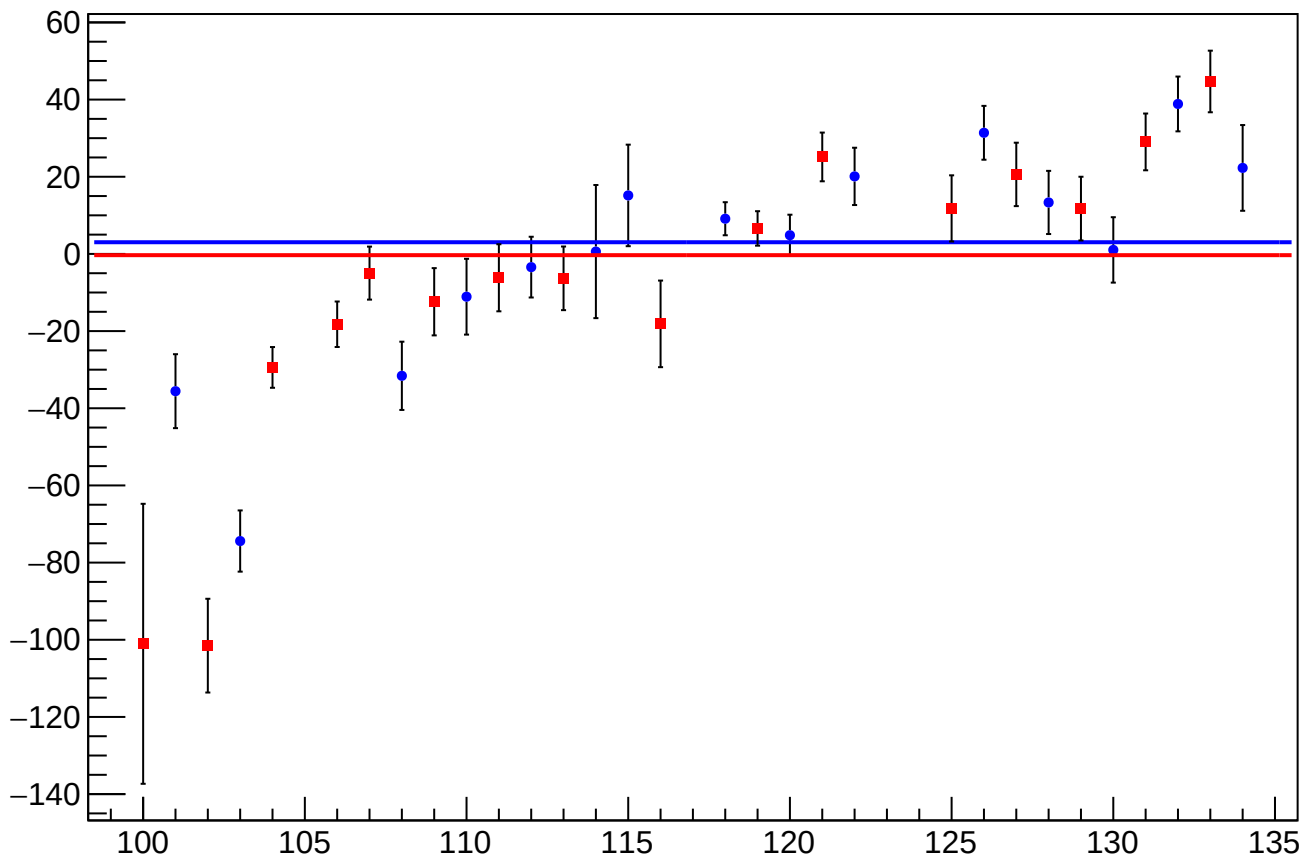
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 299.613 $\pm$ 1.315 χ^2 /NDF: 3458.5/30

- 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: -0.322+/-1.841 χ^2/NDF : 199.6/15

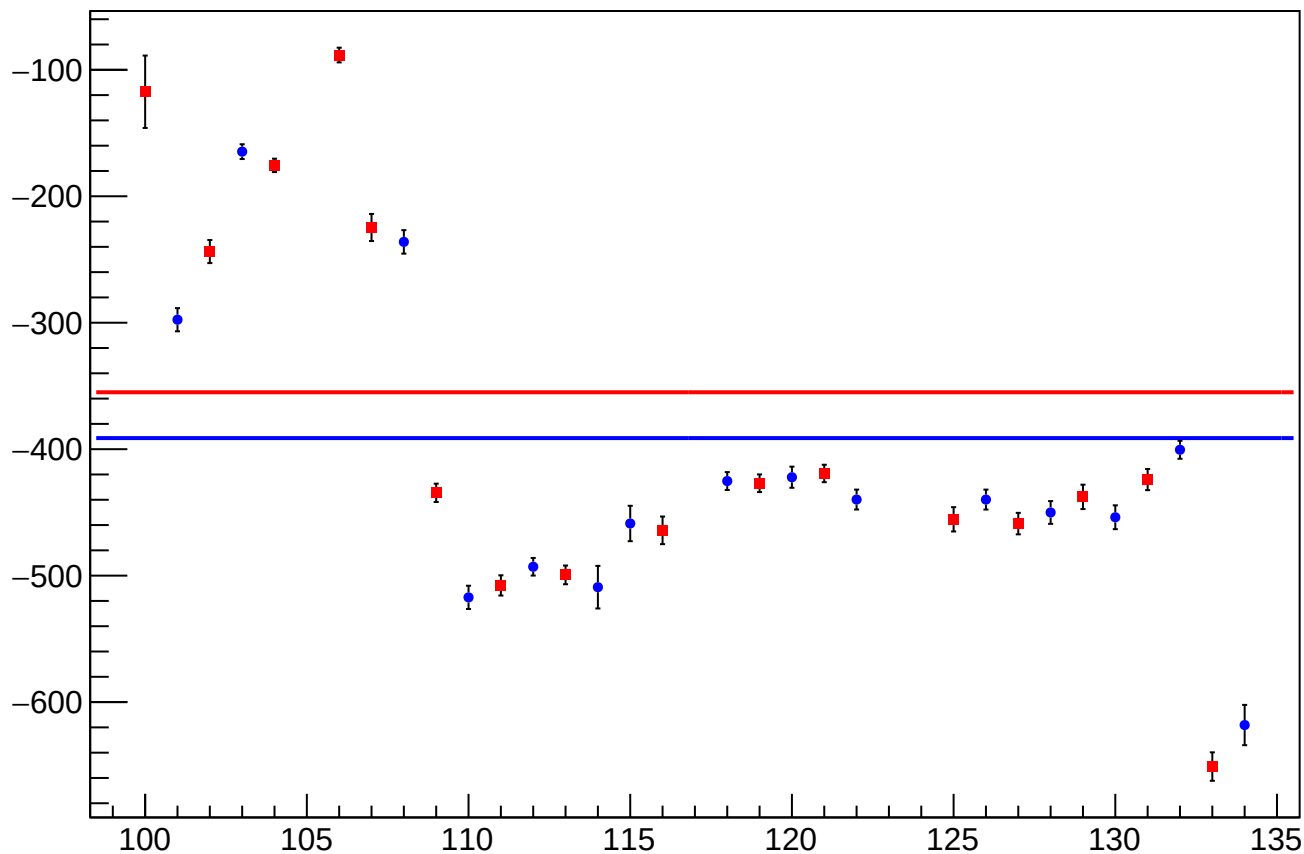
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.250+/-1.342 χ^2/NDF : 385.7/30

- 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: -354.985 ± 2.010 χ^2/NDF : 5858.1/15

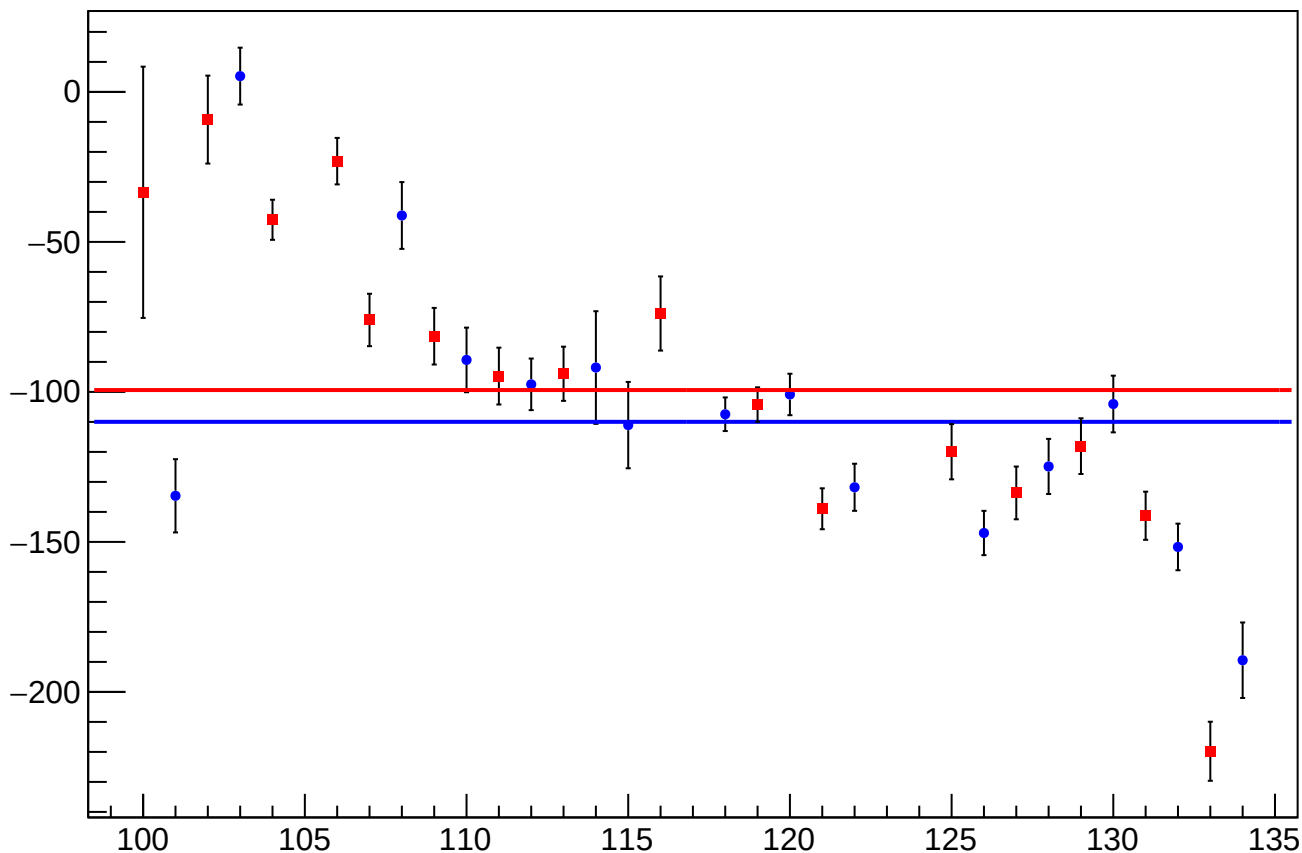
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -371.525 ± 1.482 χ^2/NDF : 8768.7/30

- 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: -99.380 ± 2.169 χ^2/NDF : 460.5/15

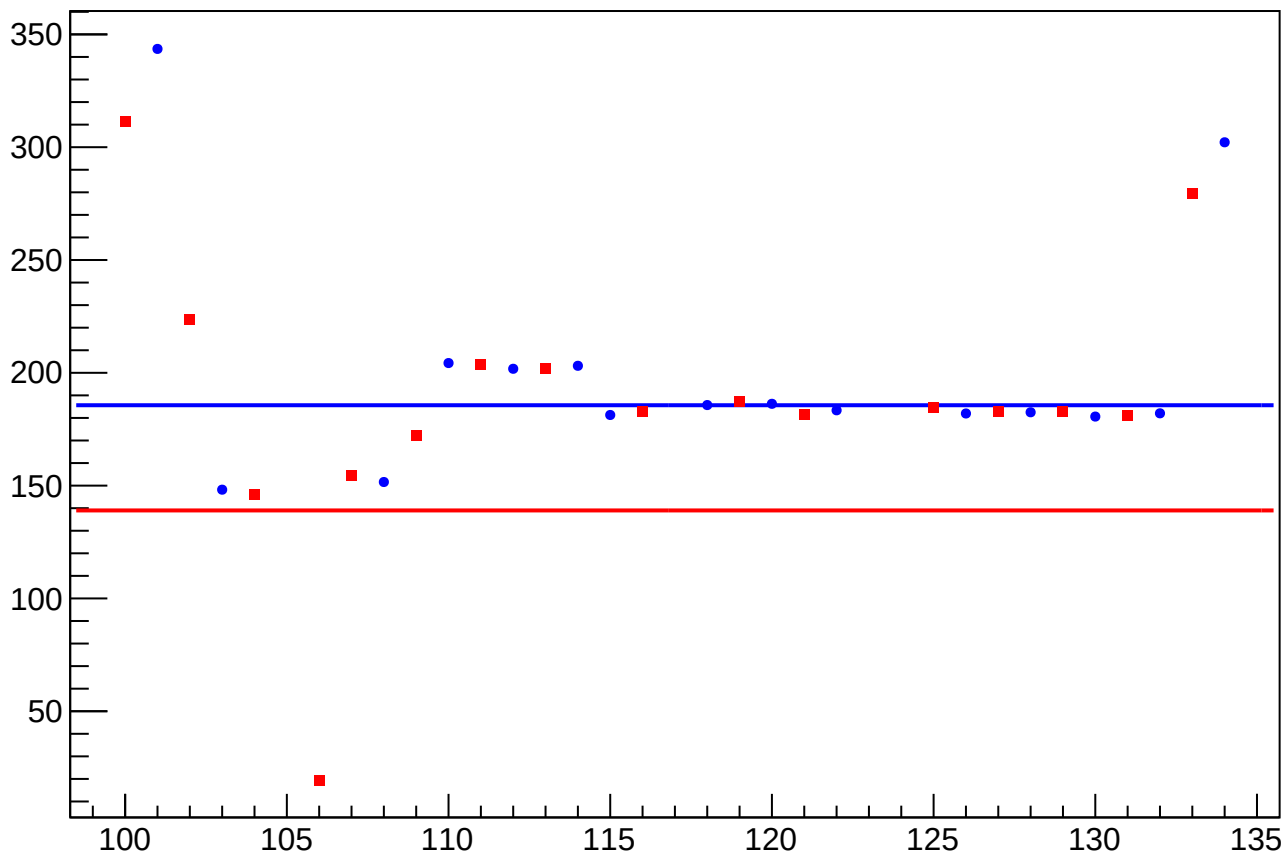
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -104.366 ± 1.578 χ^2/NDF : 775.0/30

- 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+/-0.137 χ^2/NDF : 148326.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.003+/-0.118 χ^2/NDF : 414632.9/15

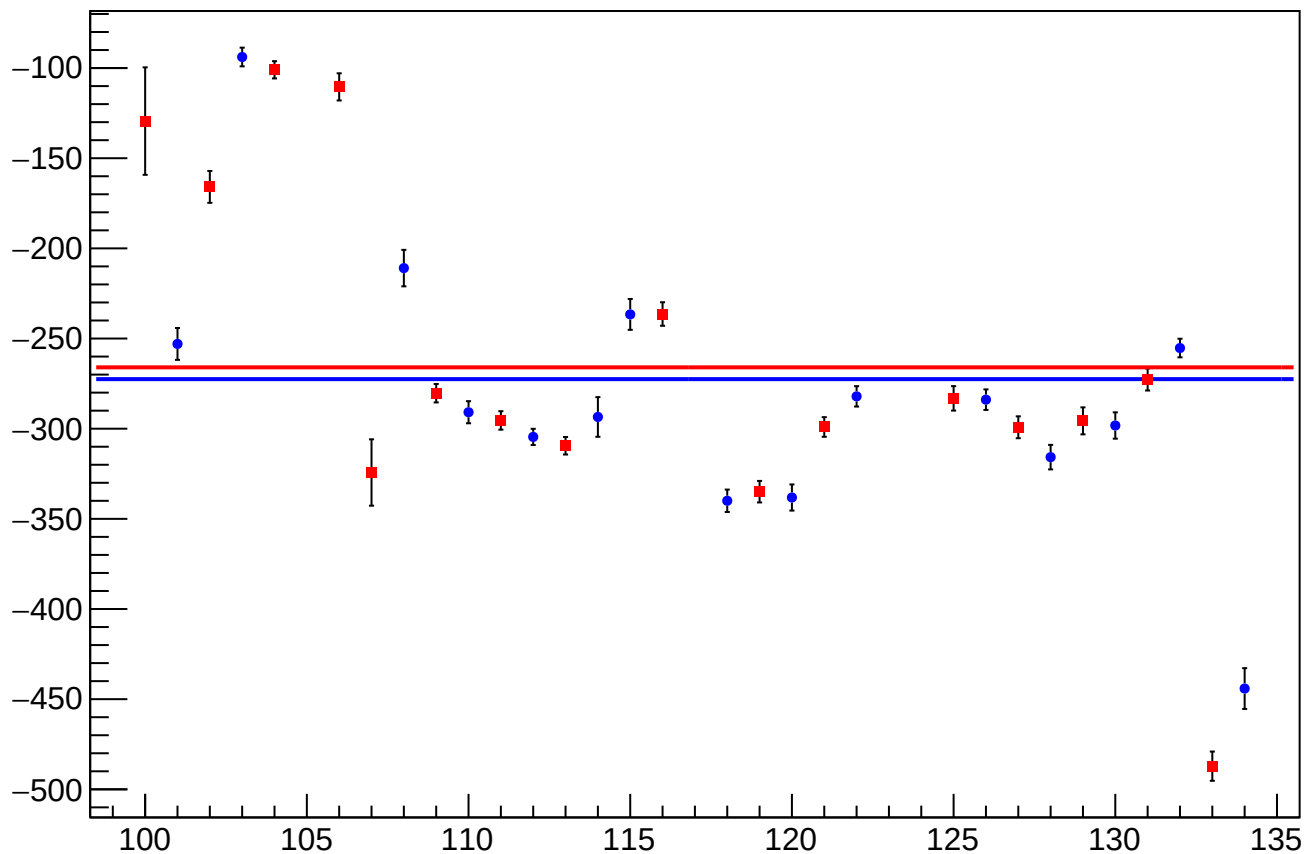
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.739+/-0.089 χ^2/NDF : 629553.4/30

- sign 0.000+/-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: -265.974 ± 1.598 χ^2/NDF : 2886.9/15

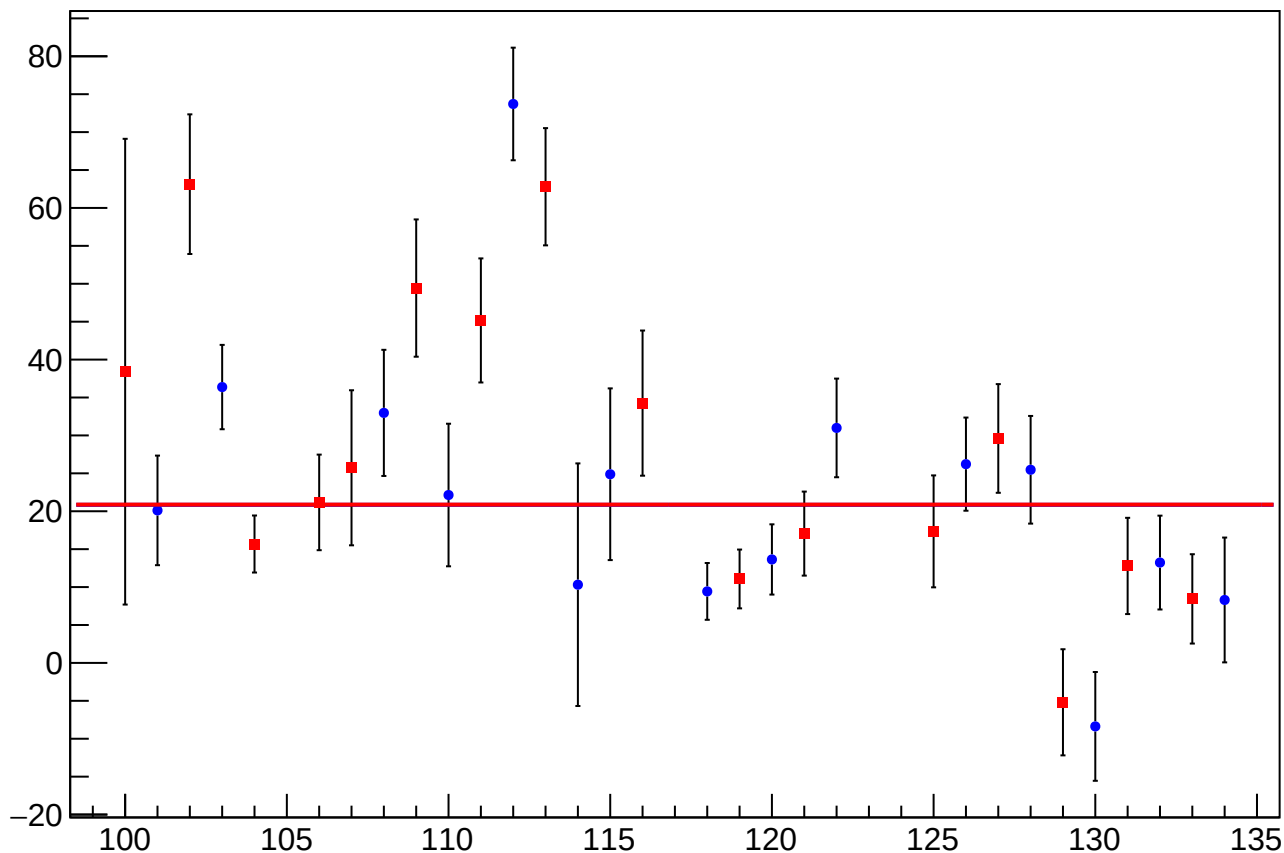
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -269.066 ± 1.161 χ^2/NDF : 4710.2/30

- 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: 20.874+/-1.614 χ^2/NDF : 102.2/15

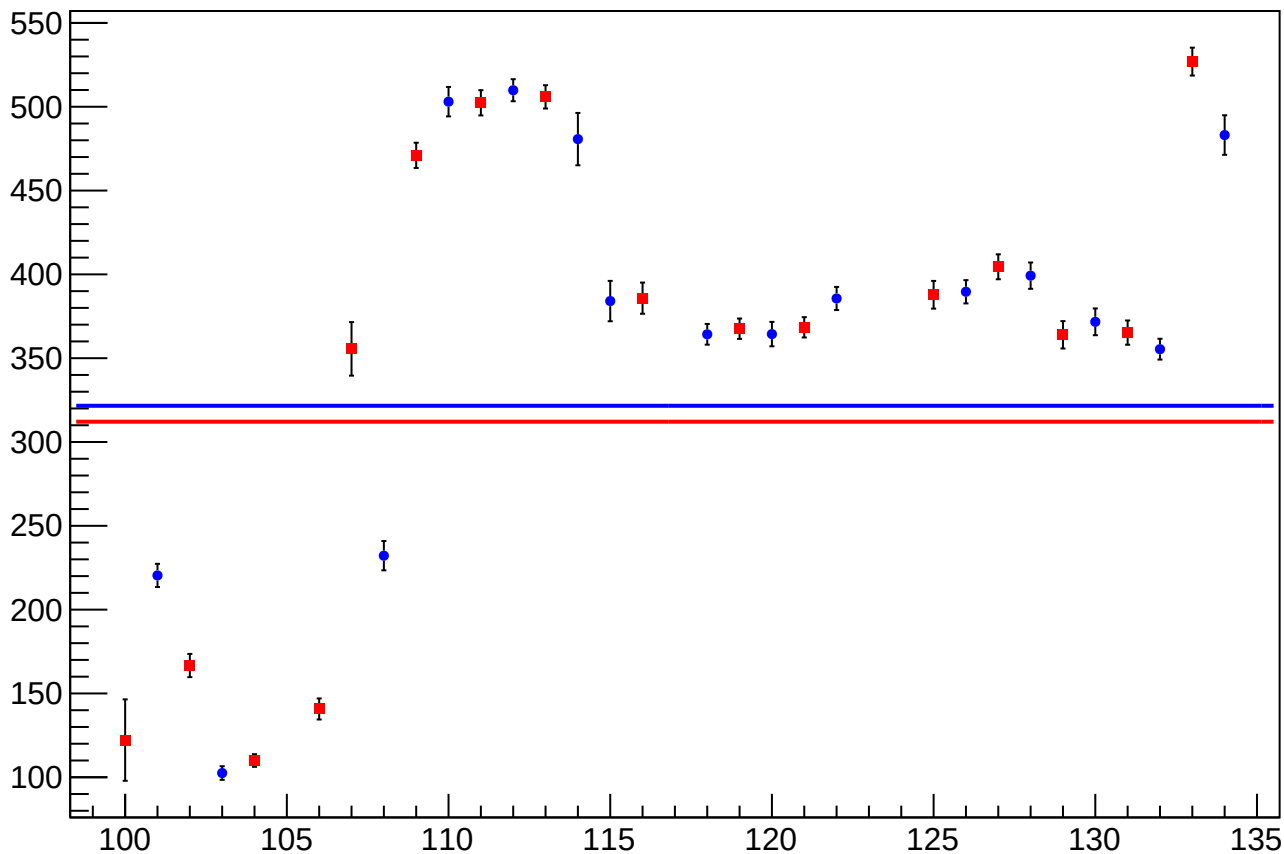
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.860+/-1.163 χ^2/NDF : 199.1/30

- 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: 312.108+/-1.753 χ^2/NDF : 7227.8/15

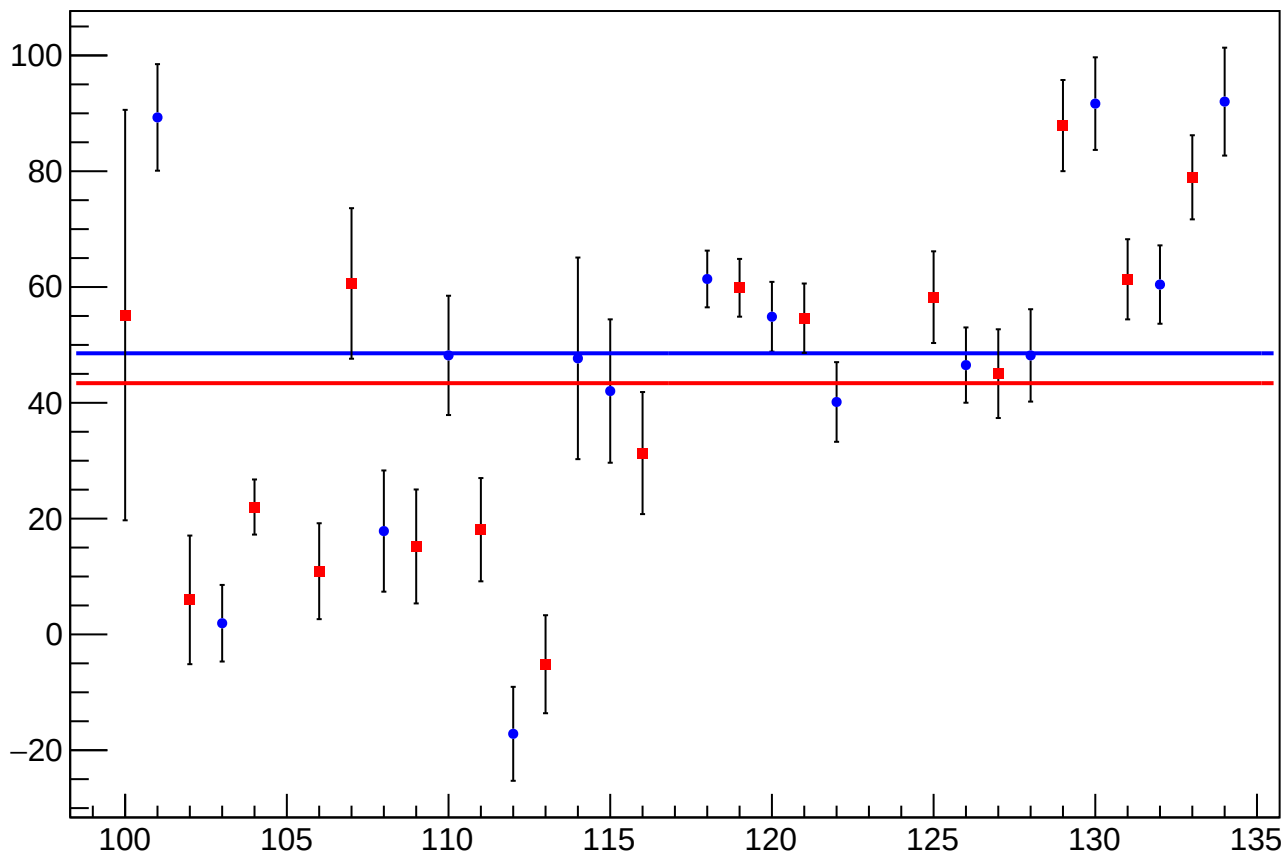
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 316.616+/-1.271 χ^2/NDF : 12460.7/30

- 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 $\pm$ 1.973 χ^2 /NDF: 207.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 43.394 $\pm$ 1.902 χ^2 /NDF: 179.8/15

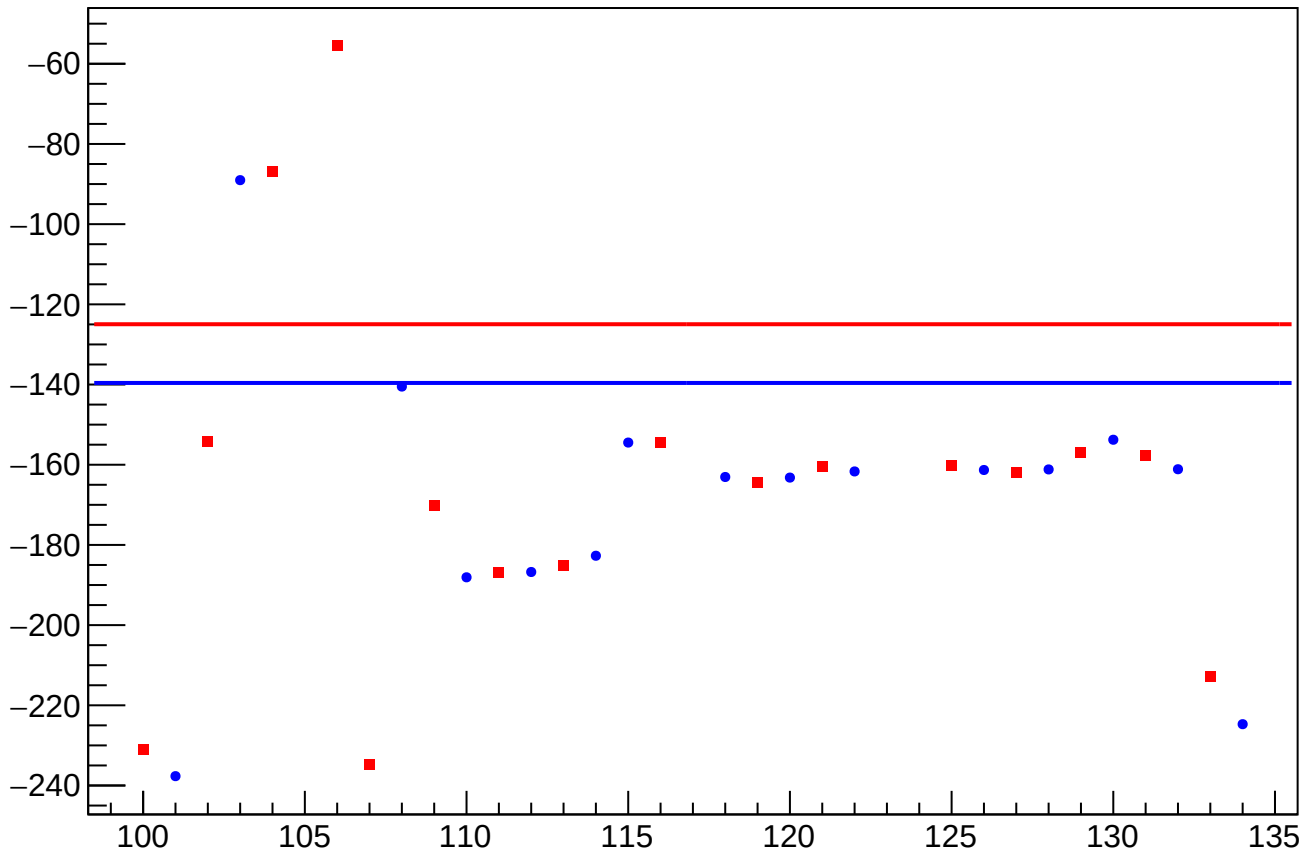
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 45.880 $\pm$ 1.369 χ^2 /NDF: 390.6/30

- sign 0.000 $\pm$ 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: -124.958 ± 0.104 χ^2/NDF : 240089.8/15

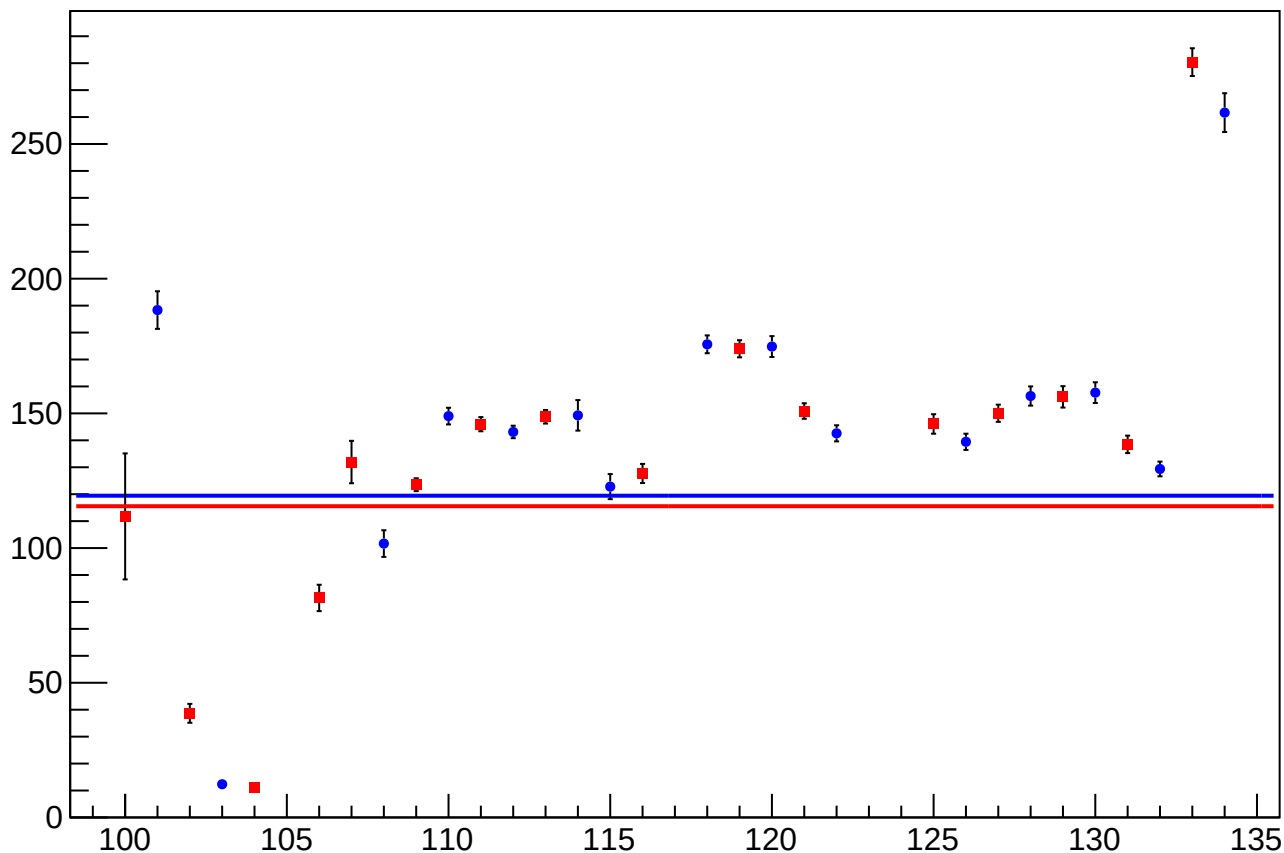
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -131.859 ± 0.075 χ^2/NDF : 451348.5/30

- 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: 115.538 $\pm$ 0.793 χ^2 /NDF: 5995.8/15

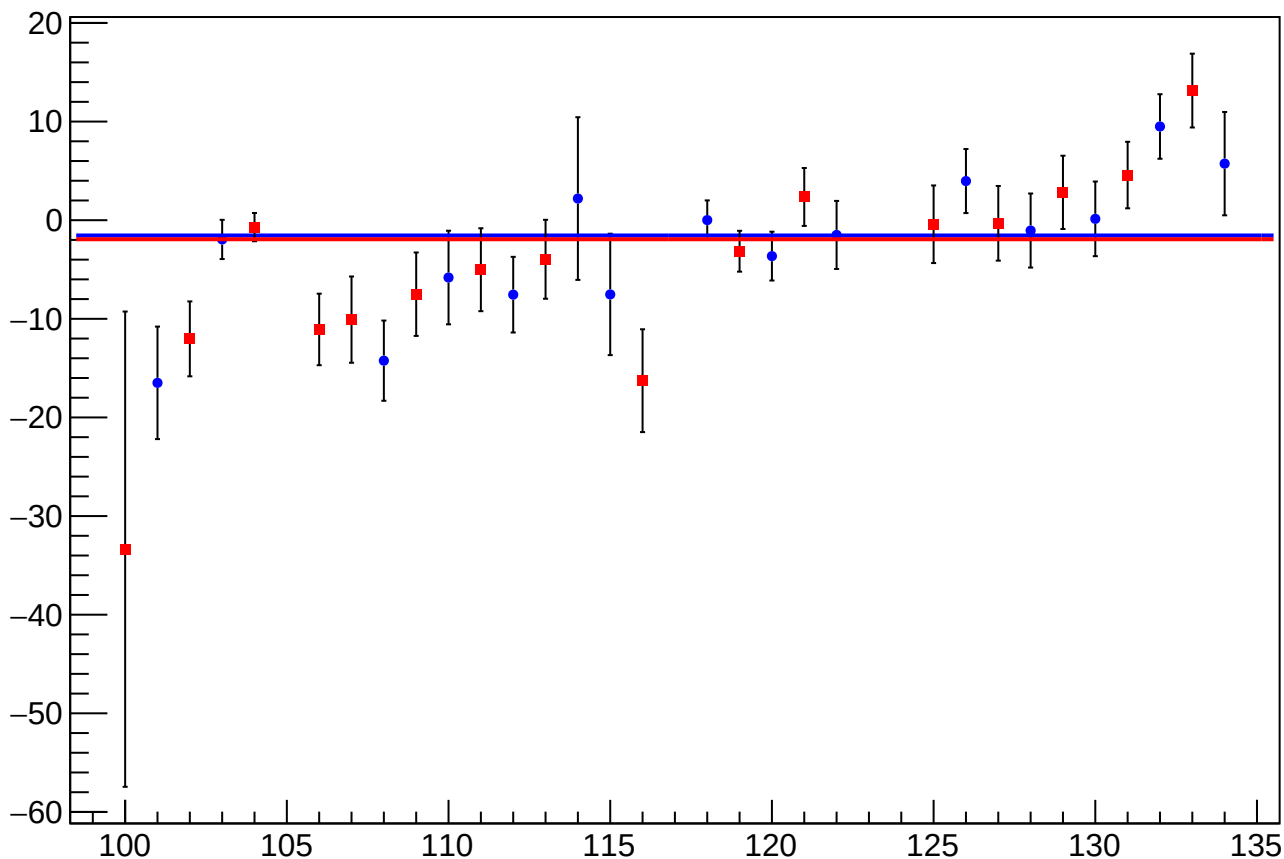
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 117.372 $\pm$ 0.577 χ^2 /NDF: 11020.3/30

- 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: -1.932+/-0.787 χ^2 /NDF: 53.8/15

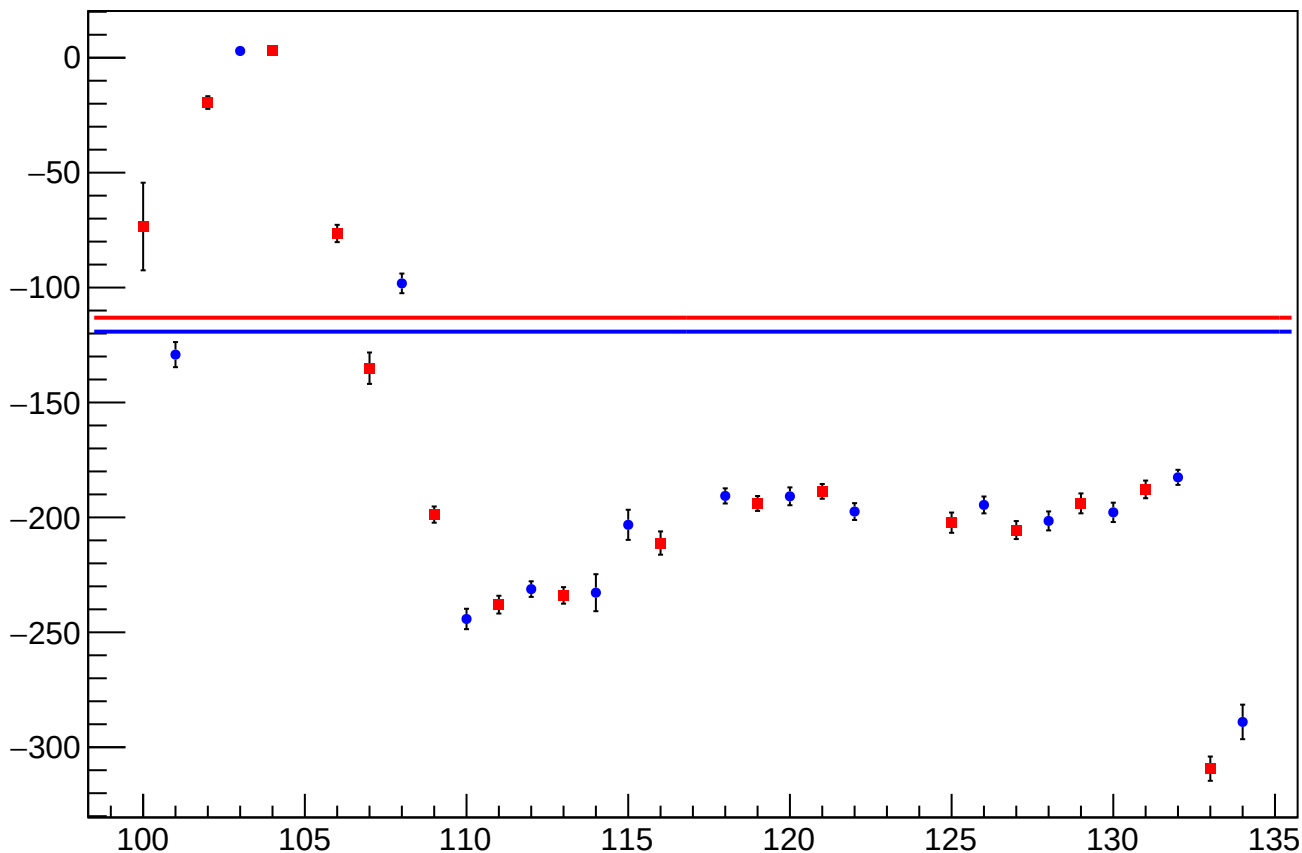
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1.757+/-0.580 χ^2 /NDF: 92.8/30

- 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: -113.107+/-0.834 χ^2/NDF : 15137.6/15

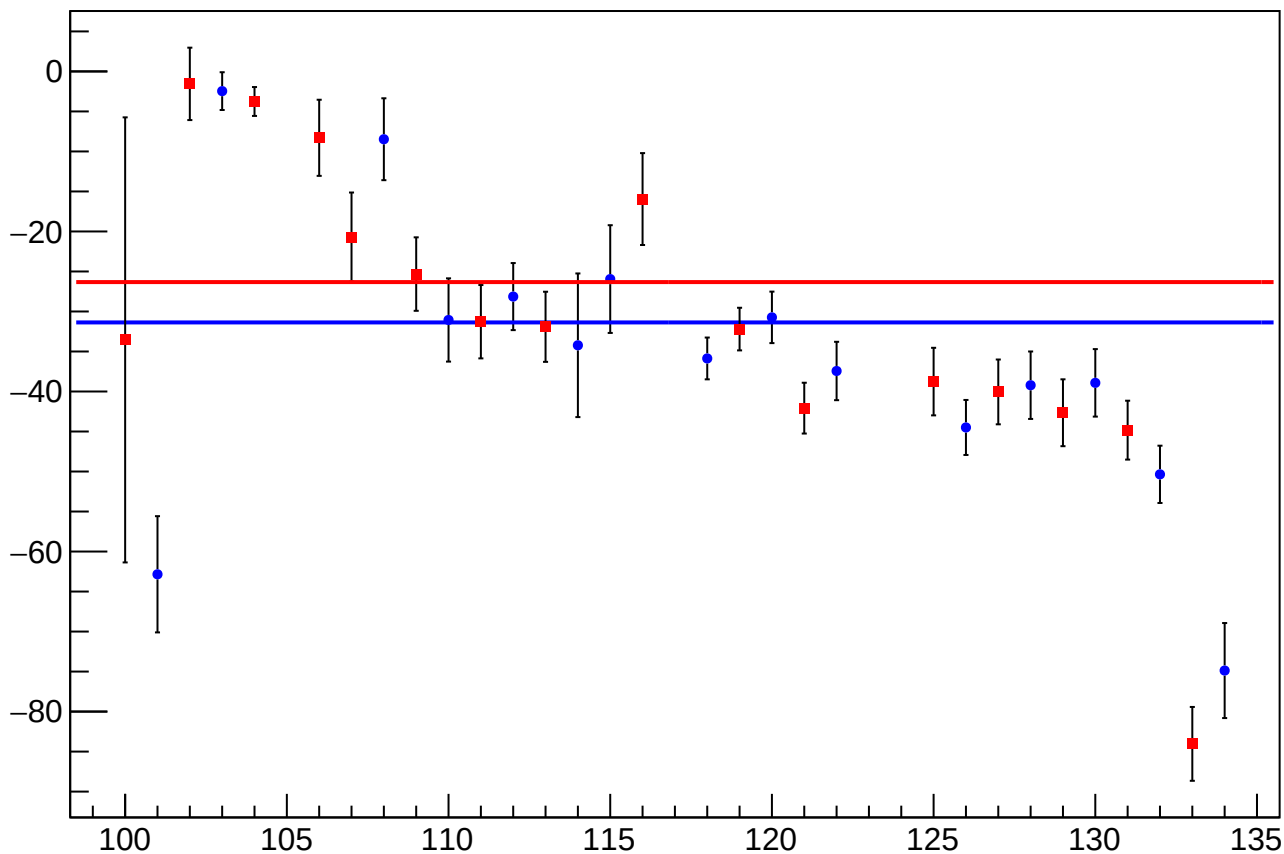
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -115.976+/-0.606 χ^2/NDF : 28072.5/30

- 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: -26.326 ± 0.934 χ^2/NDF : 454.4/15

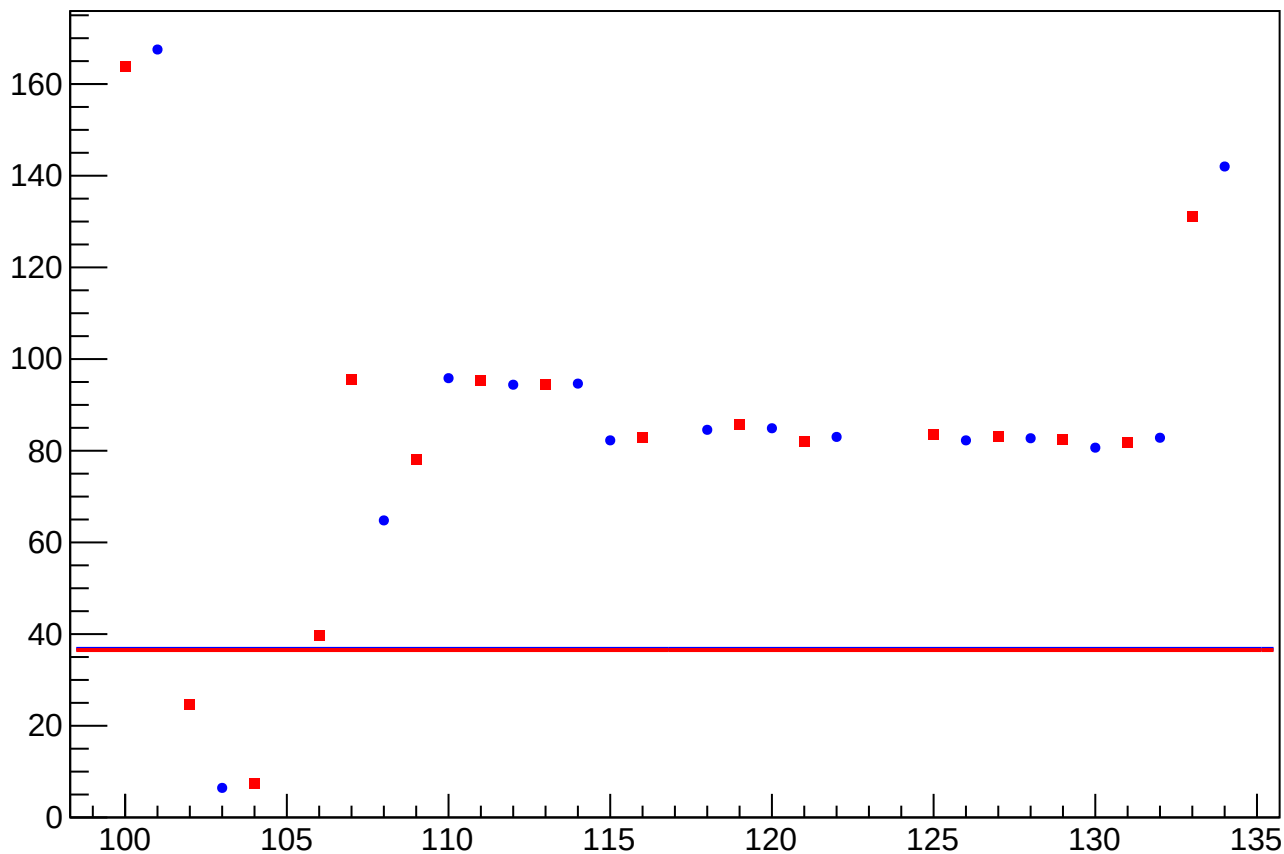
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -28.659 ± 0.685 χ^2/NDF : 766.9/30

- 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 $\pm$ 0.047 χ^2 /NDF: 830341.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.520 $\pm$ 0.047 χ^2 /NDF: 586792.9/15

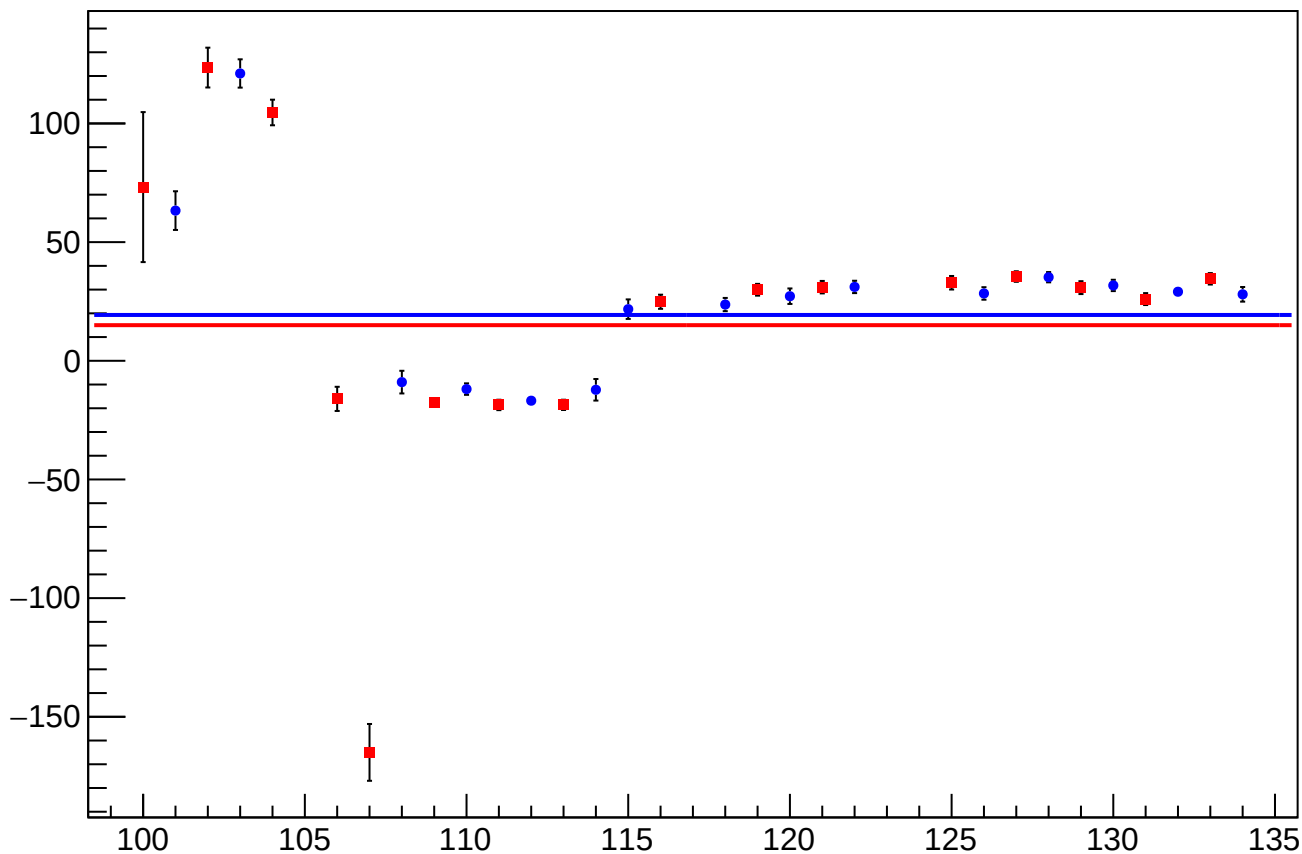
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.646 $\pm$ 0.033 χ^2 /NDF: 1417149.2/30

- sign 0.000 $\pm$ 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: 15.012+/-0.714 χ^2/NDF : 1760.5/15

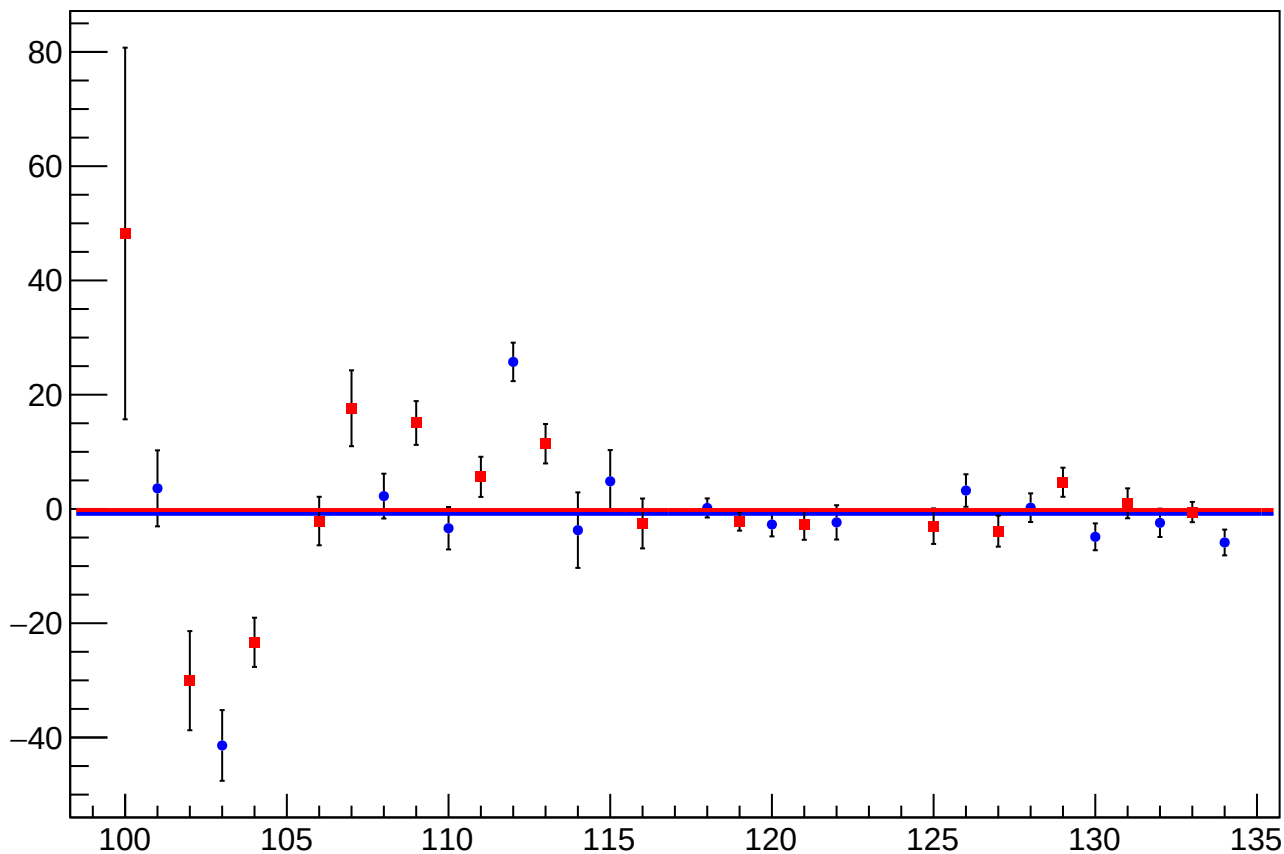
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.101+/-0.512 χ^2/NDF : 2816.7/30

- 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 $\chi^2/\text{NDF}: 120.0/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.187 ± 0.746 $\chi^2/\text{NDF}: 89.4/15$

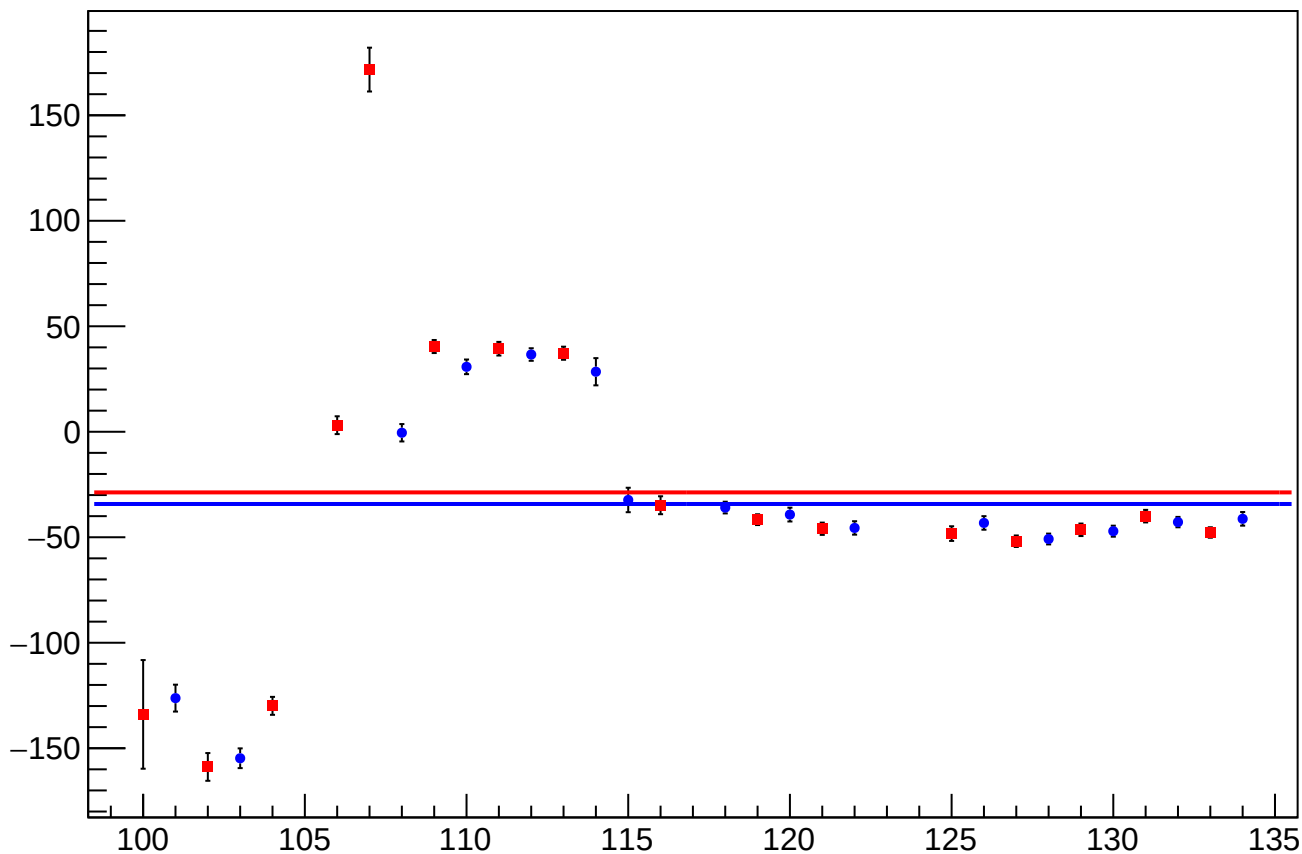
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.521 ± 0.524 $\chi^2/\text{NDF}: 209.8/30$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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: -28.739+/-0.850 χ^2/NDF : 3074.5/15

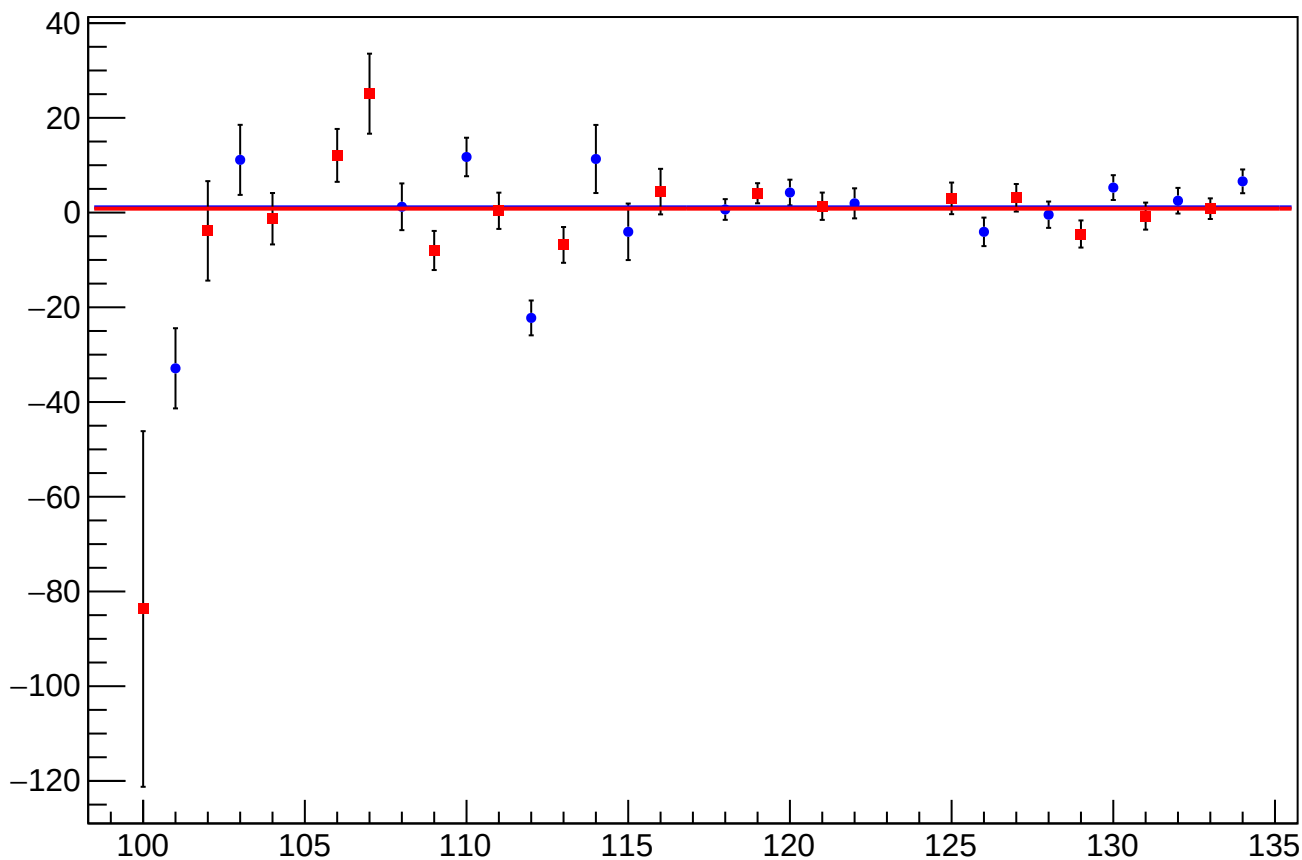
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.459+/-0.604 χ^2/NDF : 5152.5/30

- 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: 0.828 $\pm$ 0.865 χ^2 /NDF: 34.2/15

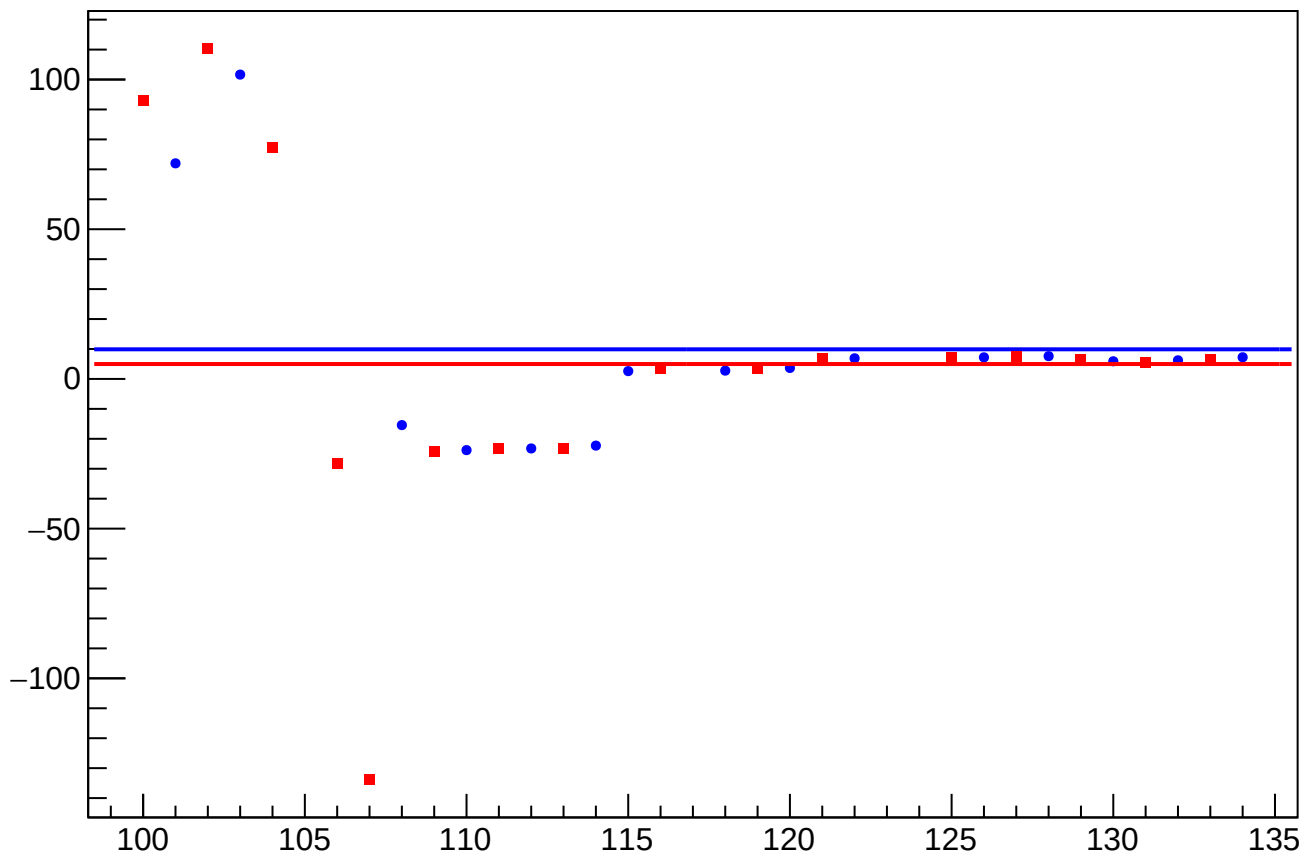
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.967 $\pm$ 0.607 χ^2 /NDF: 114.4/30

- 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: 4.974 $\pm$ 0.061 χ^2 /NDF: 446692.1/15

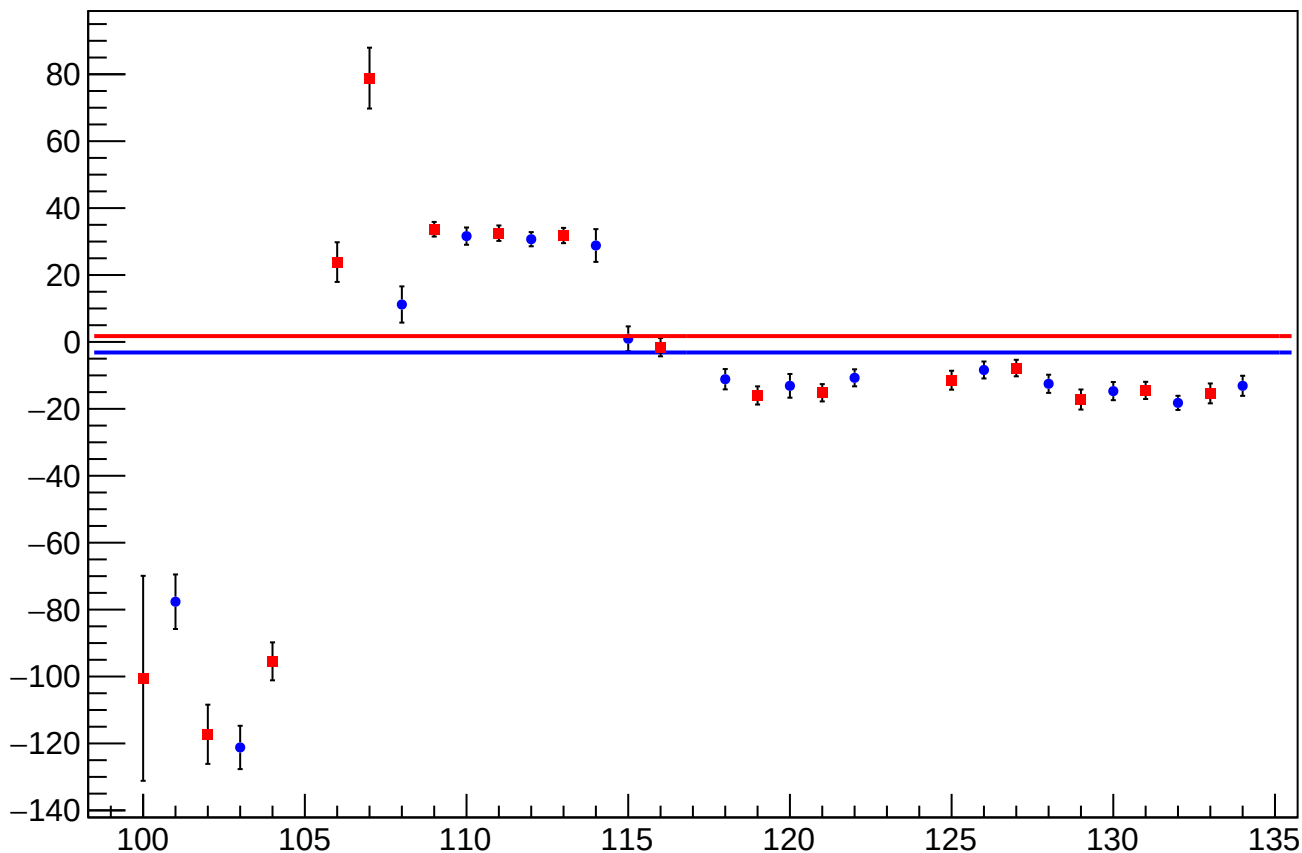
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.588 $\pm$ 0.041 χ^2 /NDF: 760142.3/30

- 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 $\chi^2/\text{NDF}: 1022.9/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1.747 ± 0.754 $\chi^2/\text{NDF}: 1372.4/15$

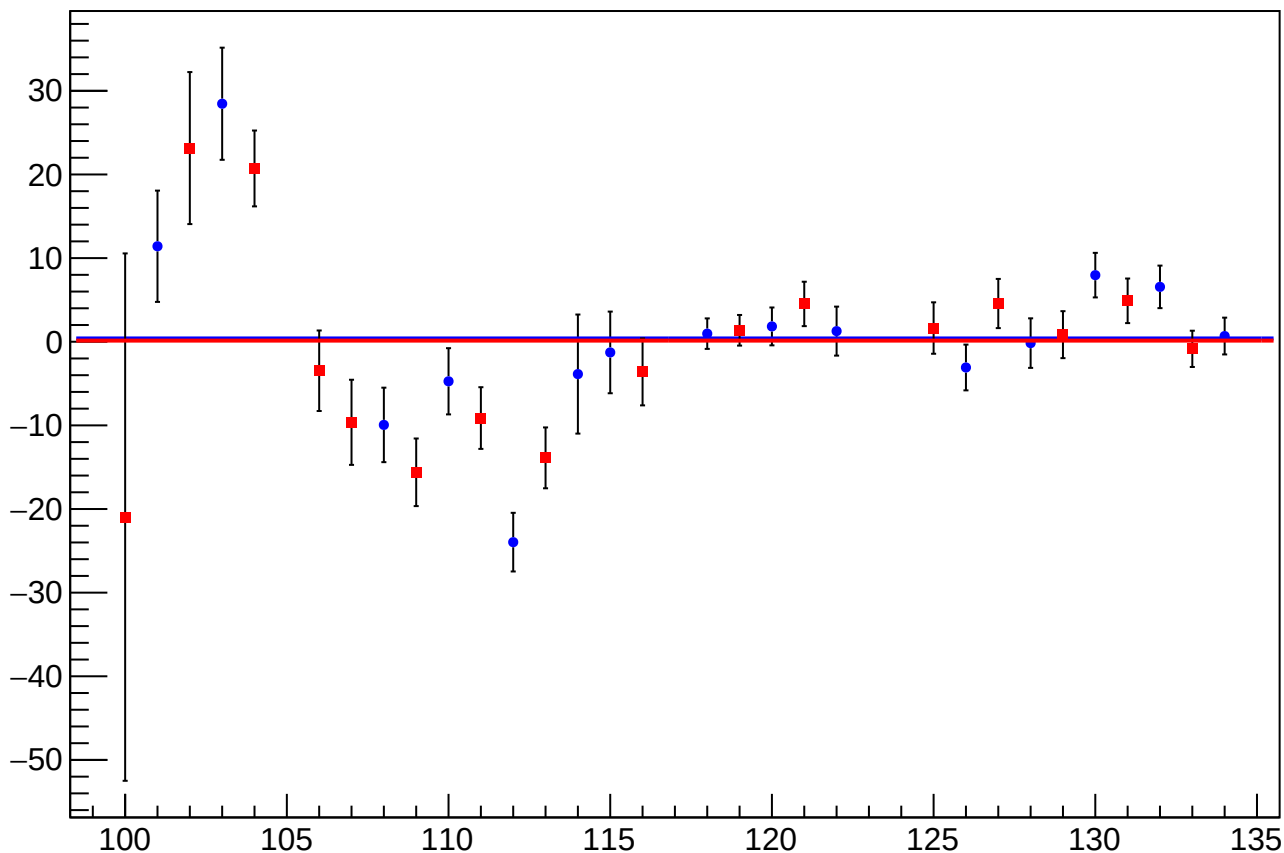
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.636 ± 0.540 $\chi^2/\text{NDF}: 2415.8/30$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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: 0.136 $\pm$ 0.801 χ^2 /NDF: 78.1/15

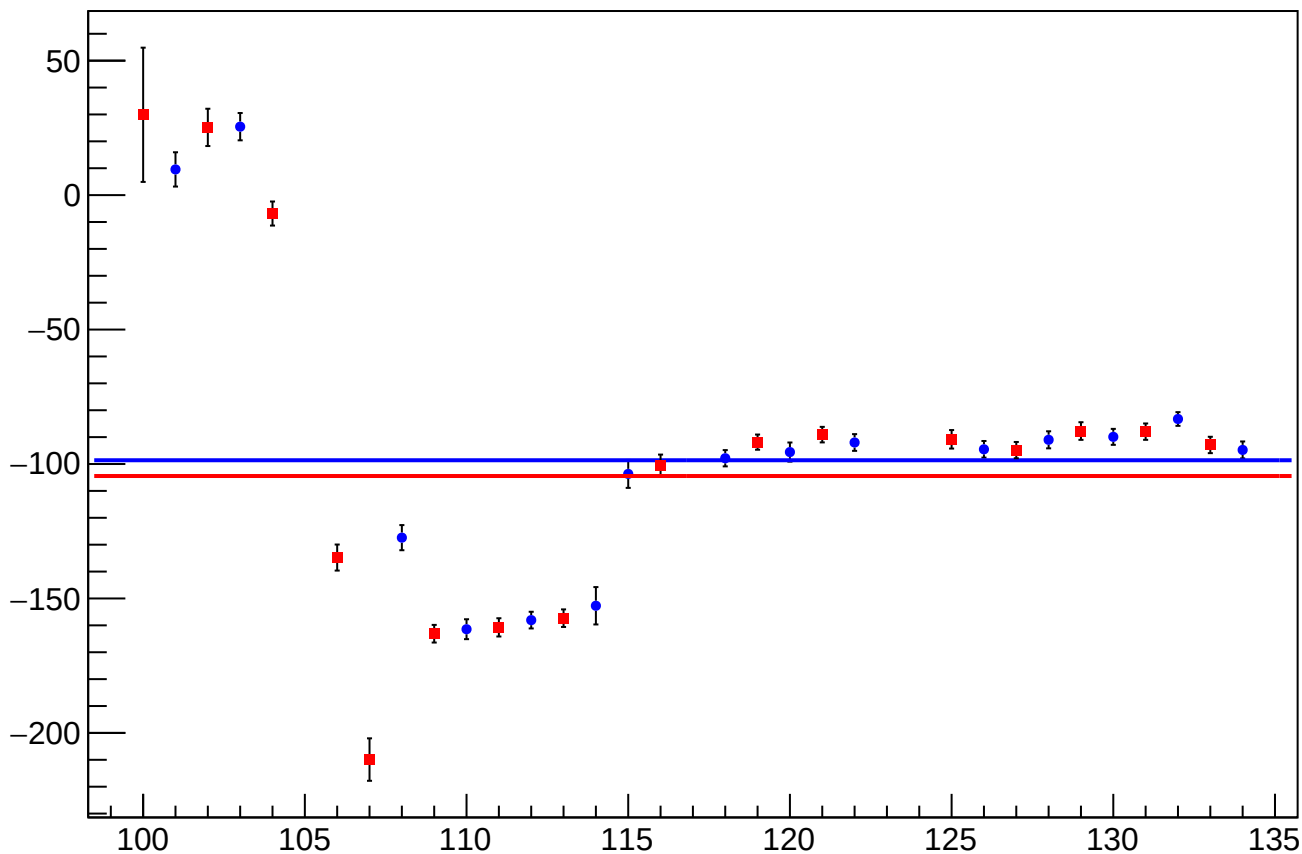
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.269 $\pm$ 0.557 χ^2 /NDF: 170.4/30

- 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 ± 0.910 χ^2/NDF : 1698.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -104.462 ± 0.906 χ^2/NDF : 2073.7/15

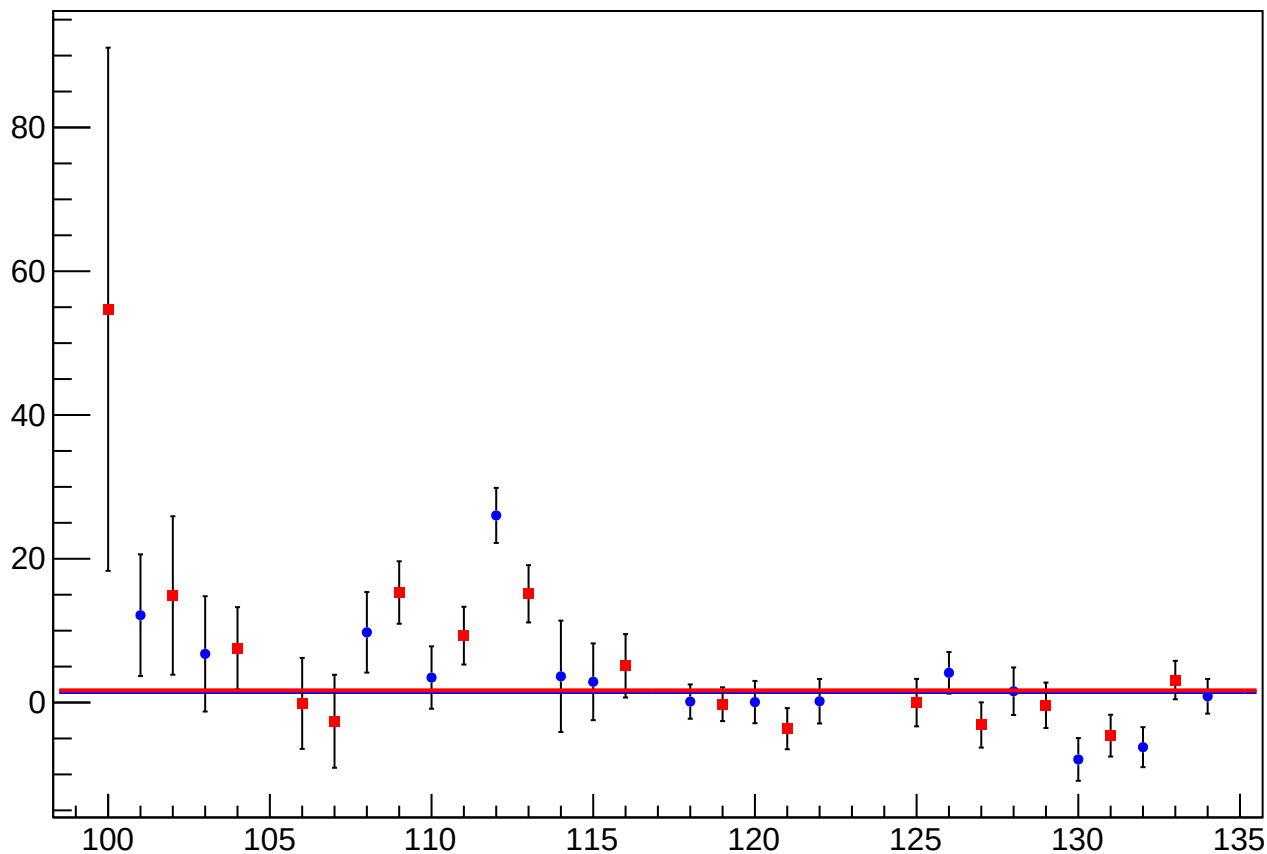
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -101.543 ± 0.642 χ^2/NDF : 3793.4/30

- sign 0.000 ± 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: 1.693+/-0.924 χ^2/NDF : 42.7/15

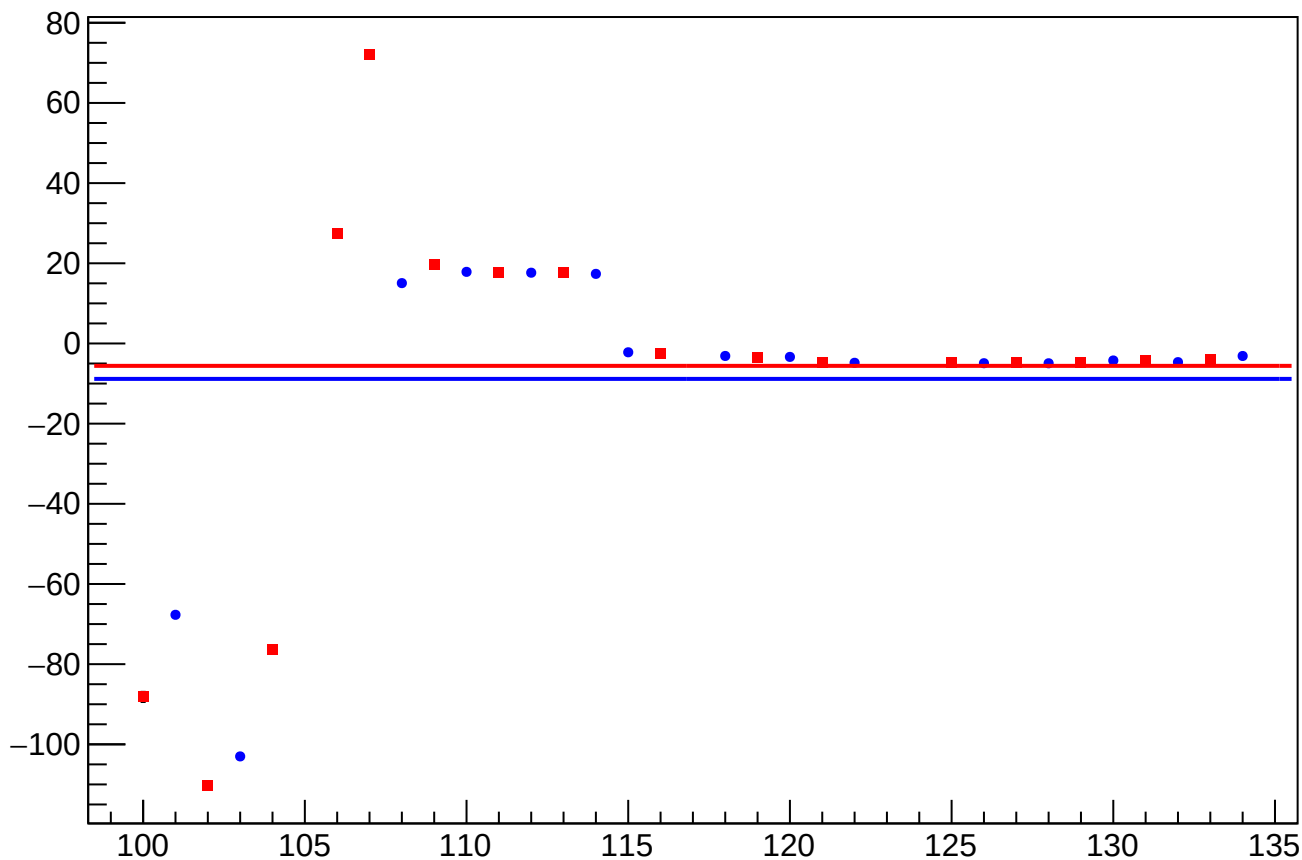
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.577+/-0.642 χ^2/NDF : 107.6/30

- 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: -5.585+/-0.065 χ^2/NDF : 338951.8/15

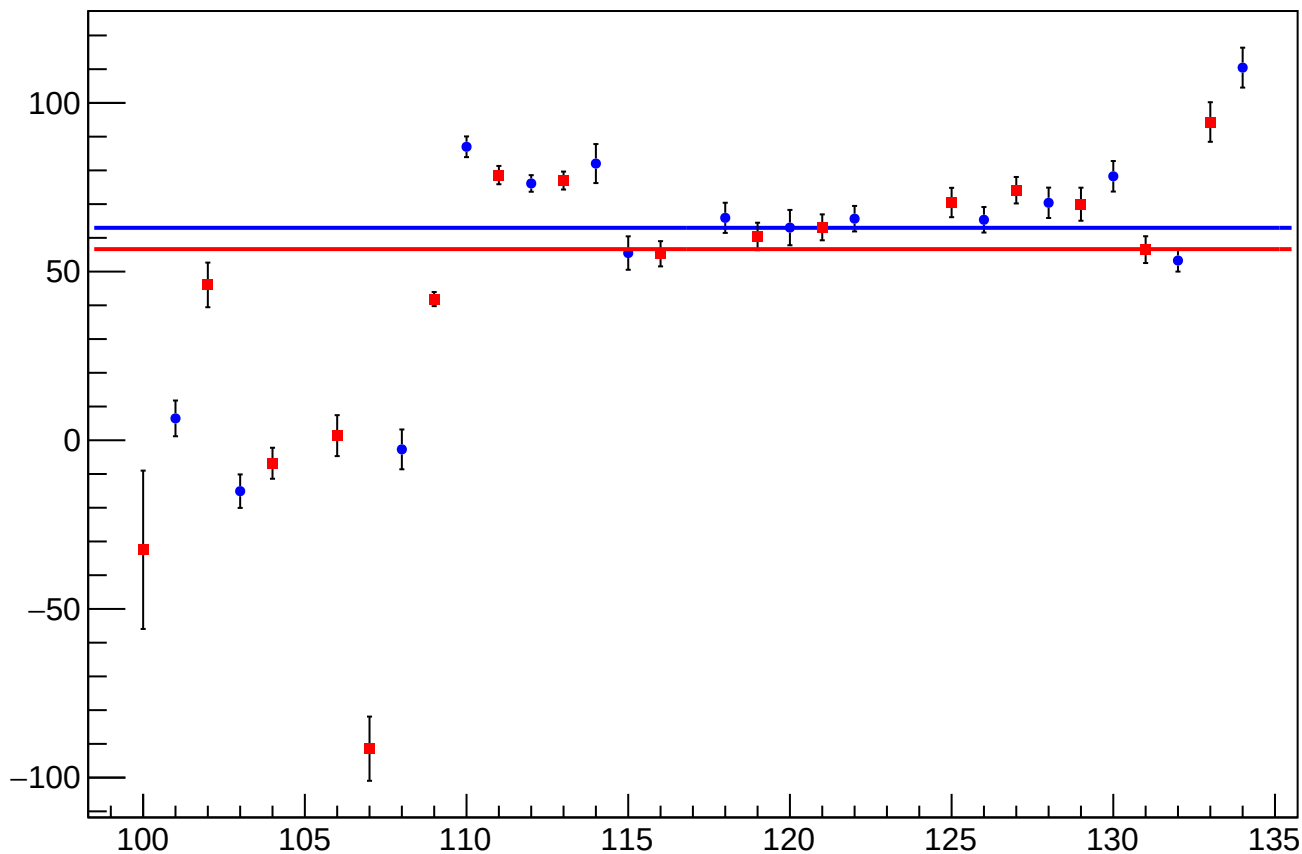
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.357+/-0.044 χ^2/NDF : 602291.2/30

- 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: 56.658+/-0.968 χ^2/NDF : 789.4/15

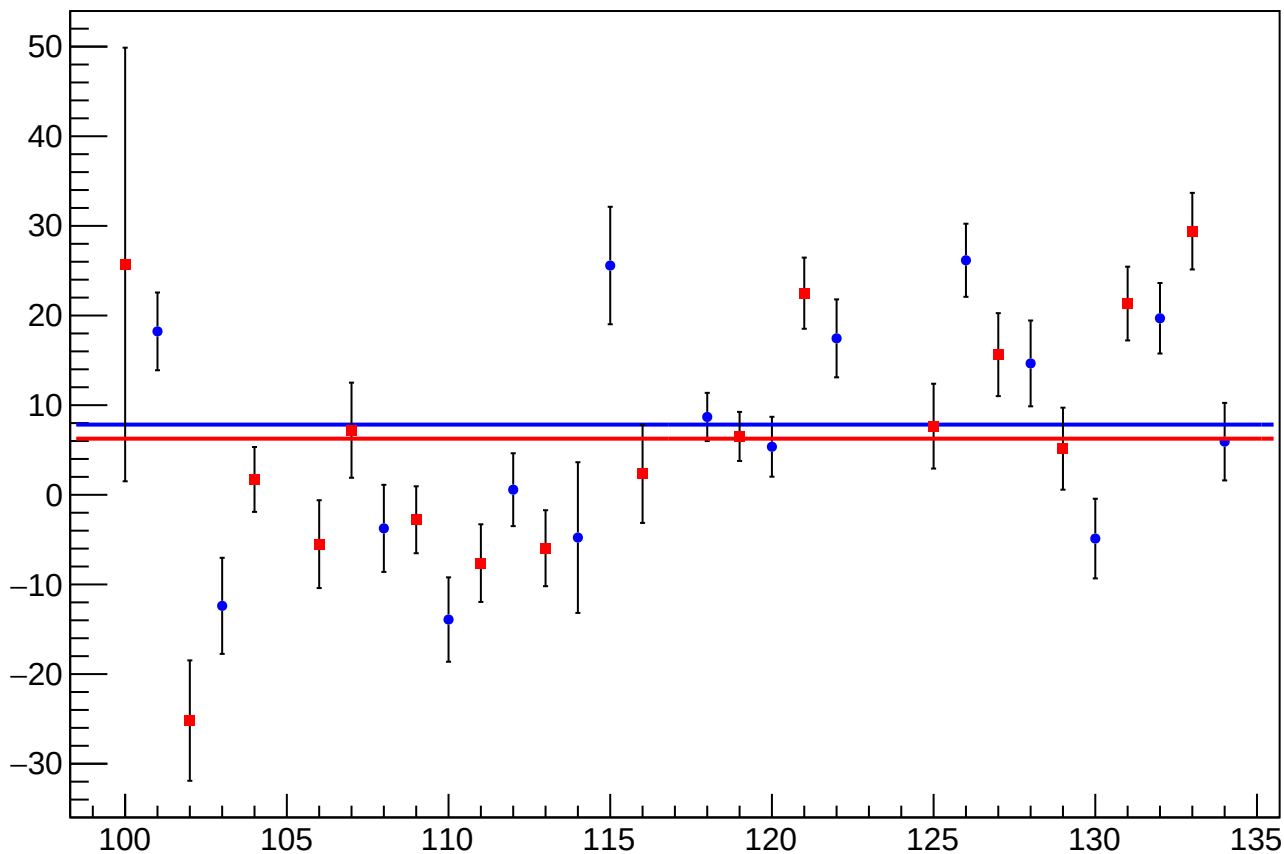
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.534+/-0.714 χ^2/NDF : 1485.2/30

- 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: 6.264 $\pm$ 1.090 χ^2 /NDF: 118.7/15

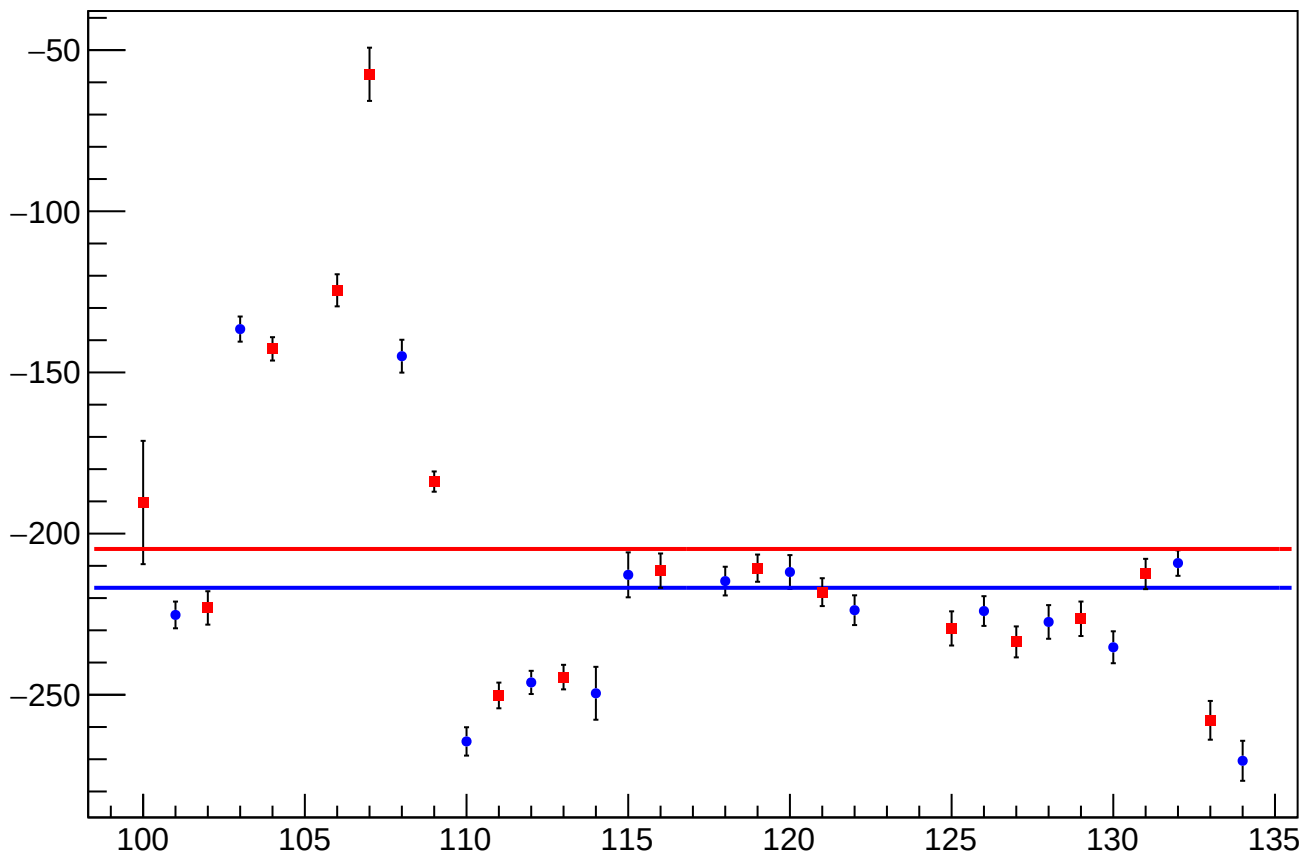
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.041 $\pm$ 0.774 χ^2 /NDF: 224.7/30

- 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: -204.764+/-1.166 χ^2/NDF : 1335.5/15

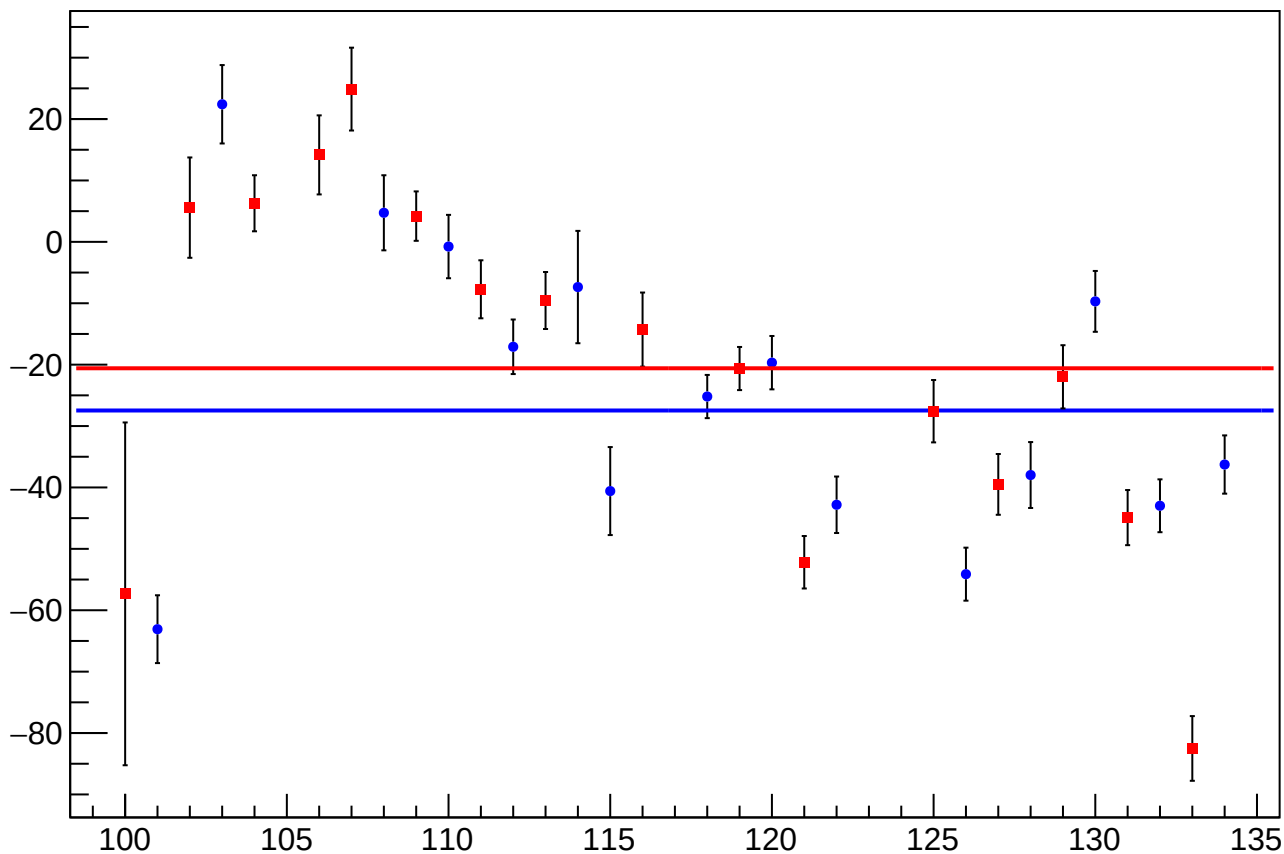
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -210.529+/-0.842 χ^2/NDF : 2316.0/30

- 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: -20.591 $\pm$ 1.260 χ^2 /NDF: 411.9/15

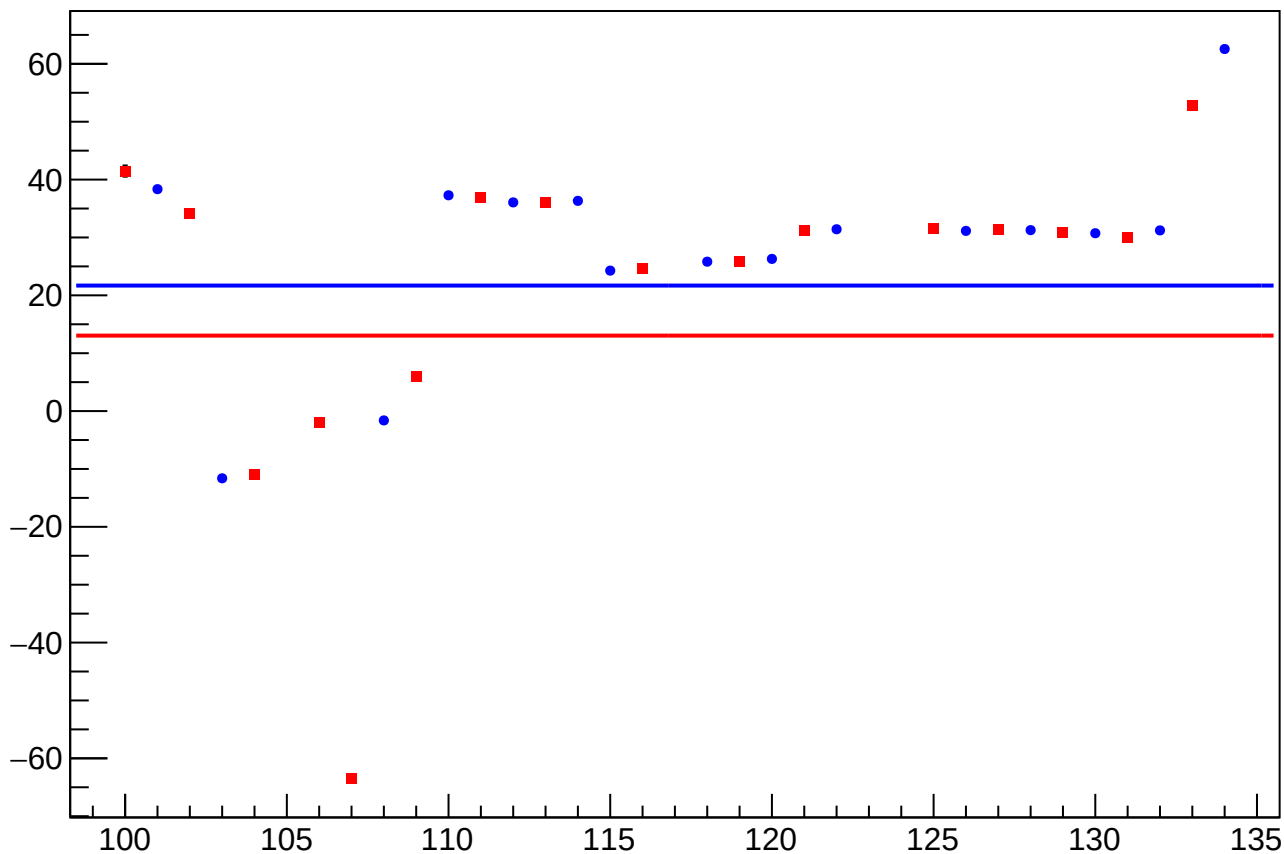
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -23.980 $\pm$ 0.897 χ^2 /NDF: 683.4/30

- 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: 13.043+/-0.075 χ^2/NDF : 119781.7/15

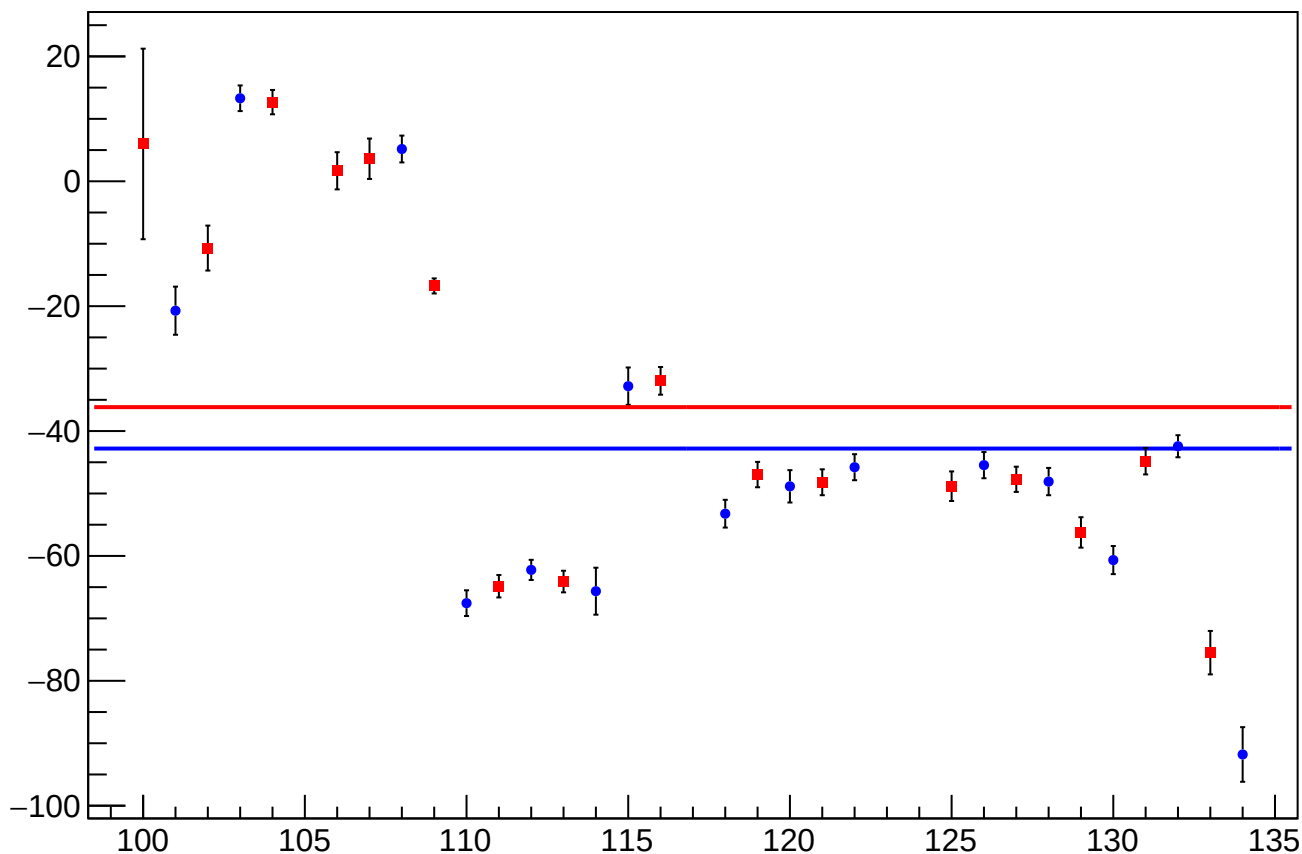
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.304+/-0.053 χ^2/NDF : 225298.8/30

- 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 $\chi^2/\text{NDF}: 1840.3/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -36.169 ± 0.538 $\chi^2/\text{NDF}: 2112.7/15$

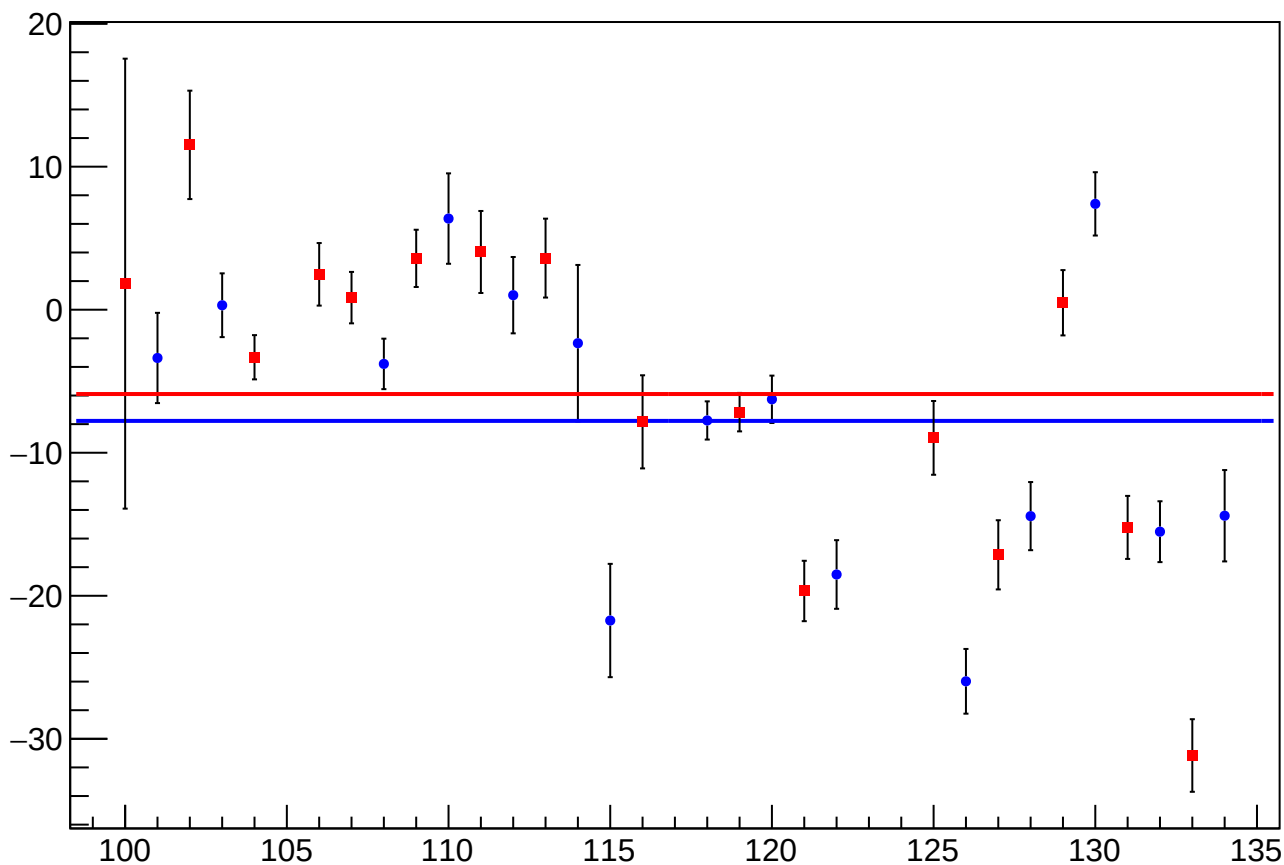
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -39.200 ± 0.396 $\chi^2/\text{NDF}: 4022.7/30$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -7.774+/-0.582 χ^2/NDF : 222.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.895+/-0.554 χ^2/NDF : 290.9/15

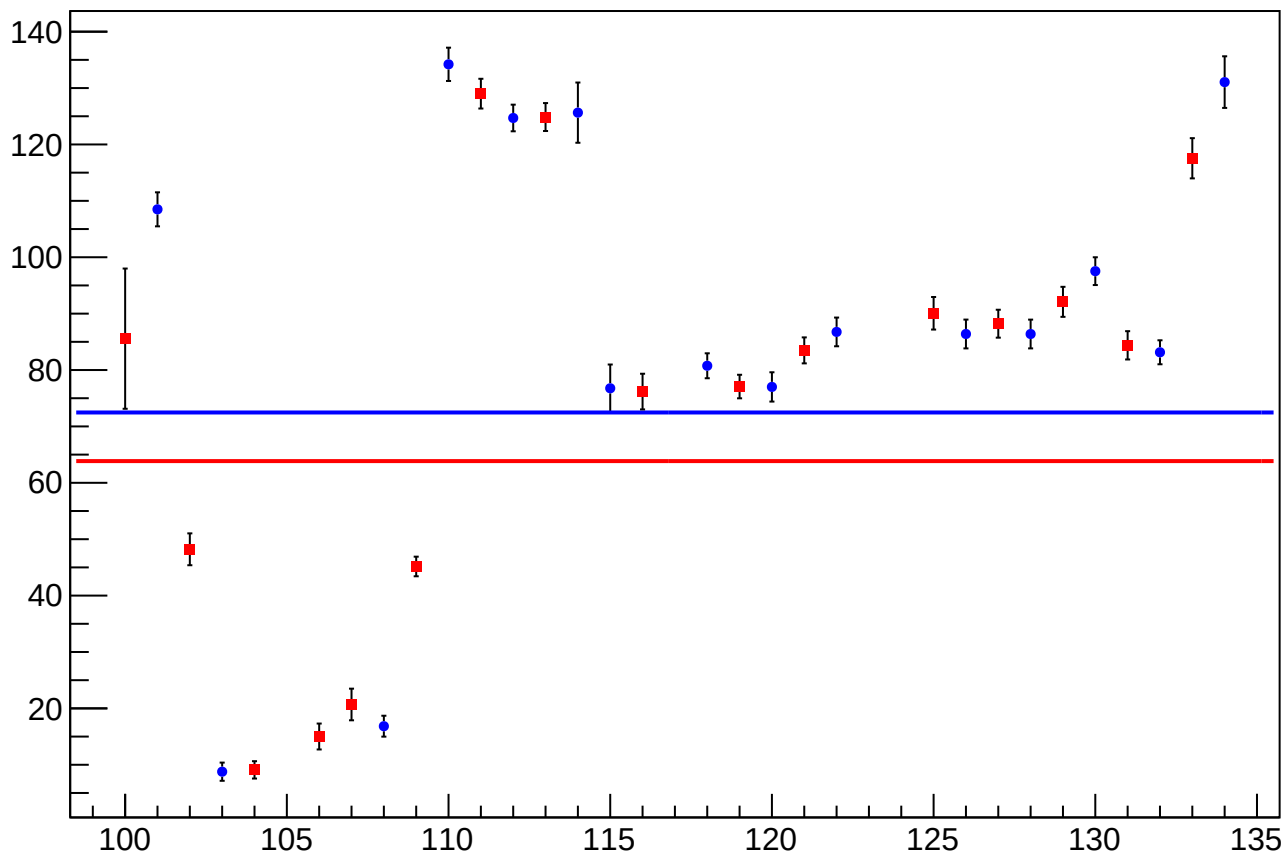
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.788+/-0.401 χ^2/NDF : 518.8/30

- sign 0.000+/-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: 63.851+/-0.610 χ^2 /NDF: 4034.7/15

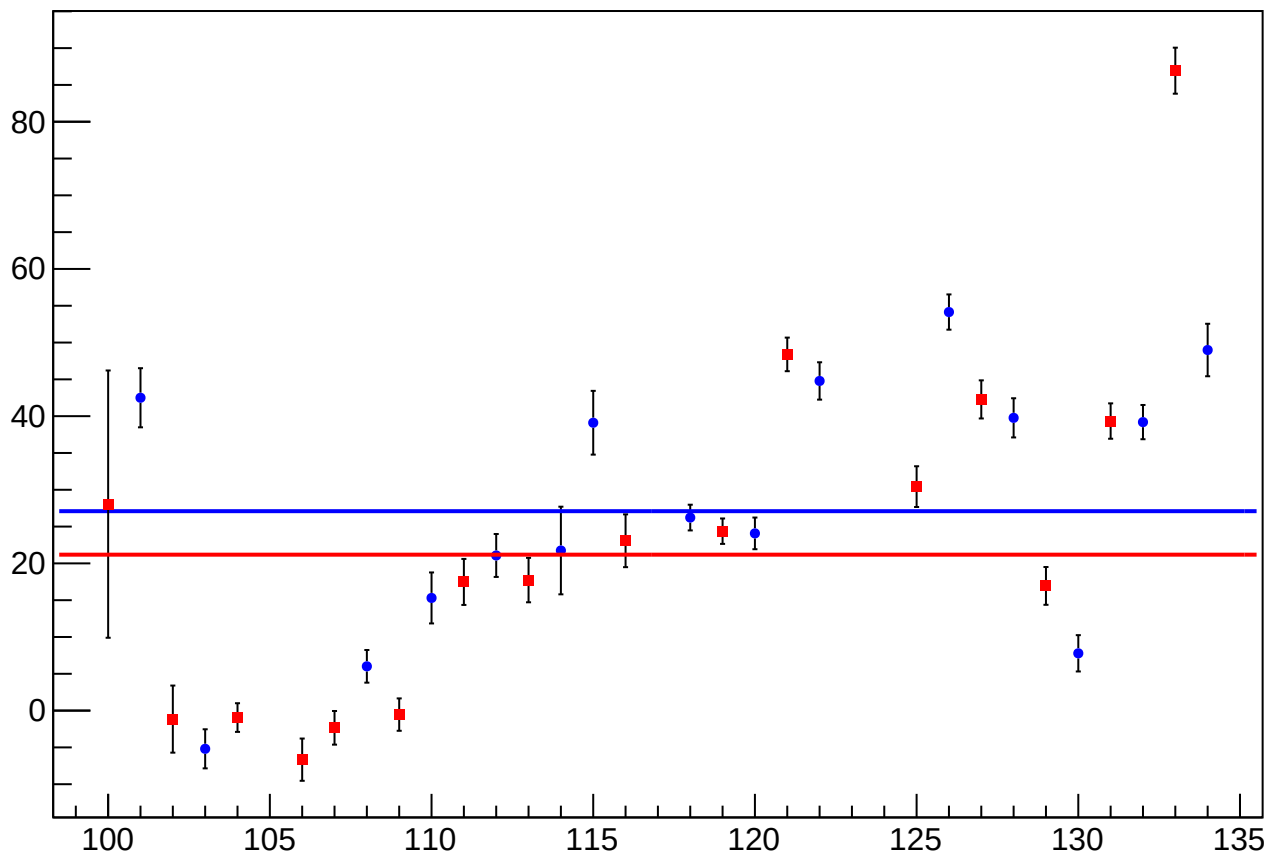
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 67.934+/-0.443 χ^2 /NDF: 8157.8/30

- 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+/-0.685 χ^2/NDF : 604.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.184+/-0.651 χ^2/NDF : 1179.1/15

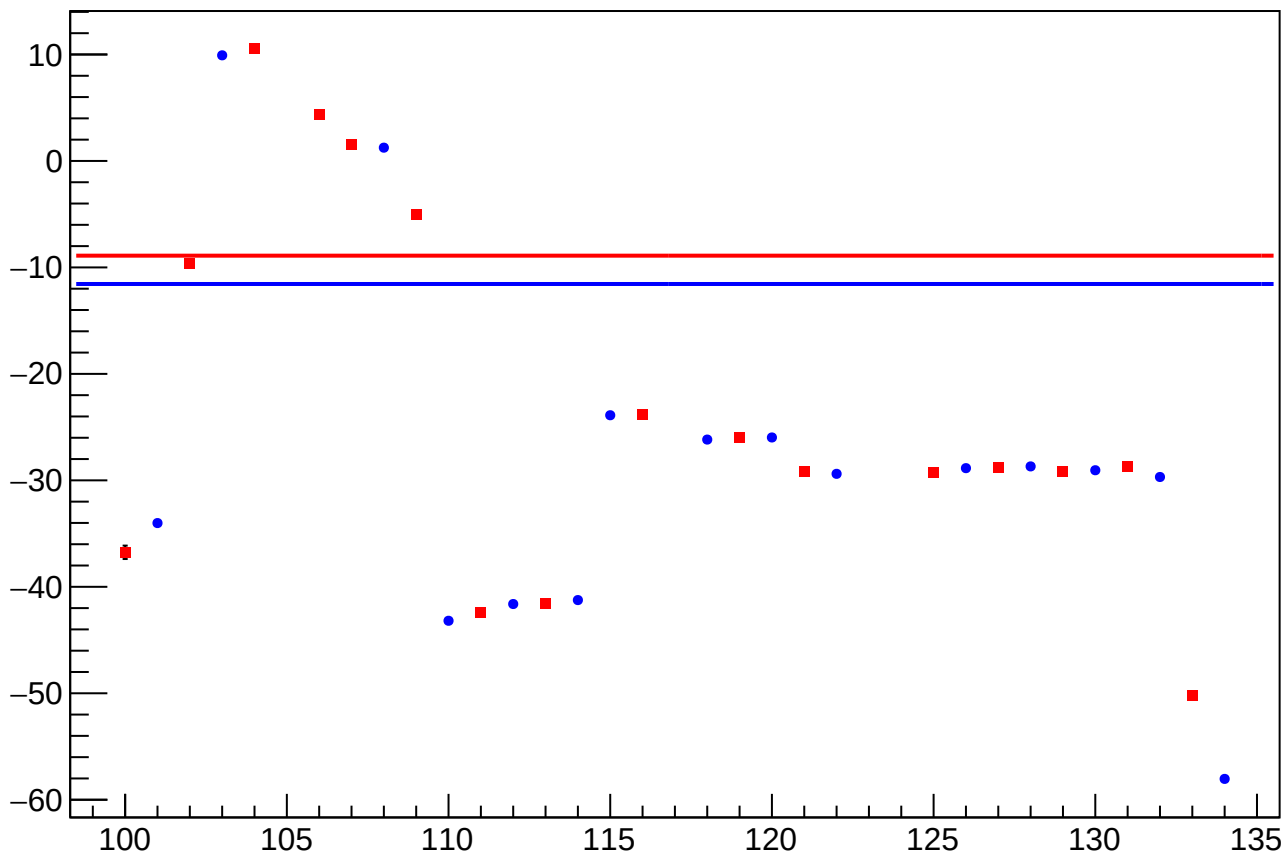
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.989+/-0.472 χ^2/NDF : 1822.5/30

- sign 0.000+/-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: -8.896 $\pm$ 0.037 χ^2 /NDF: 237984.4/15

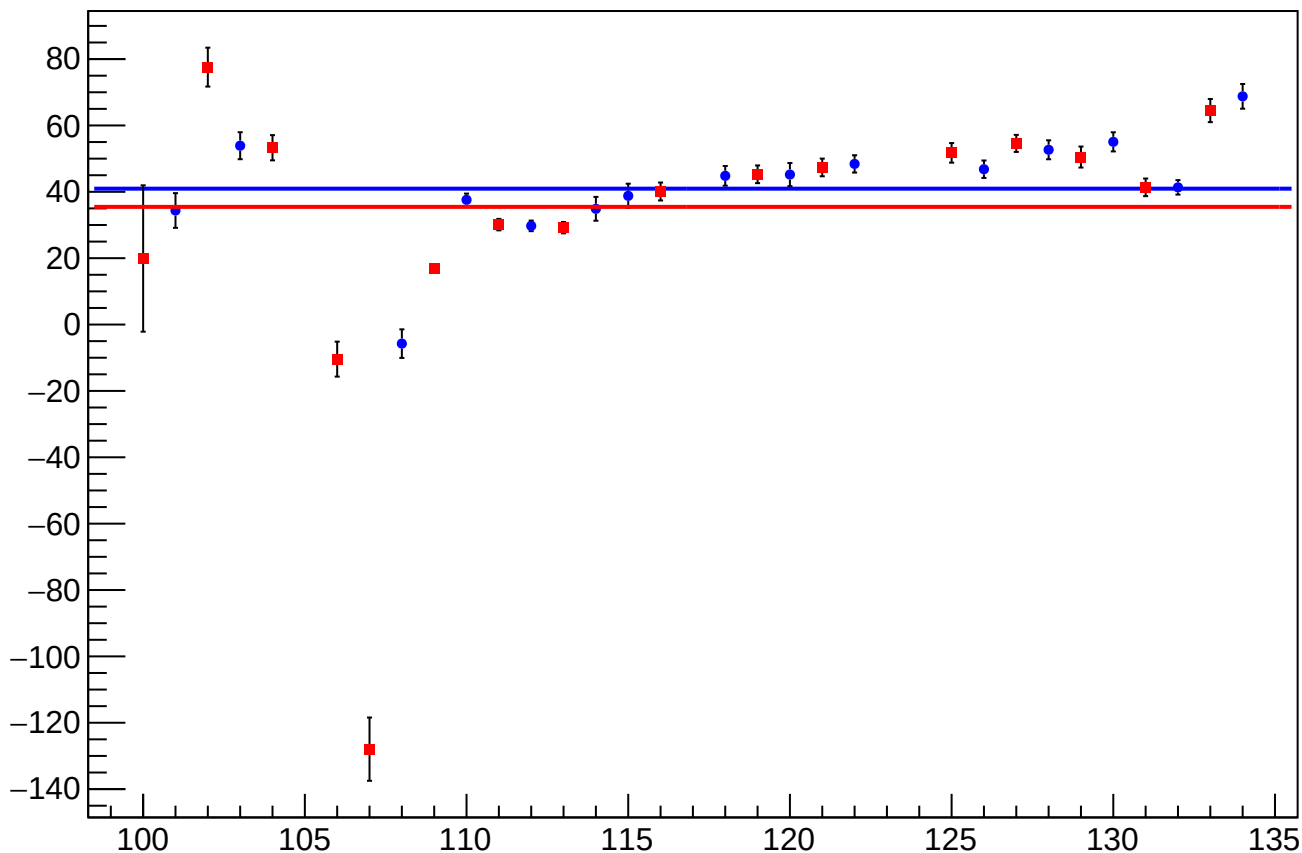
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.215 $\pm$ 0.026 χ^2 /NDF: 556612.2/30

- 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: 35.464+/-0.663 χ^2 /NDF: 836.7/15

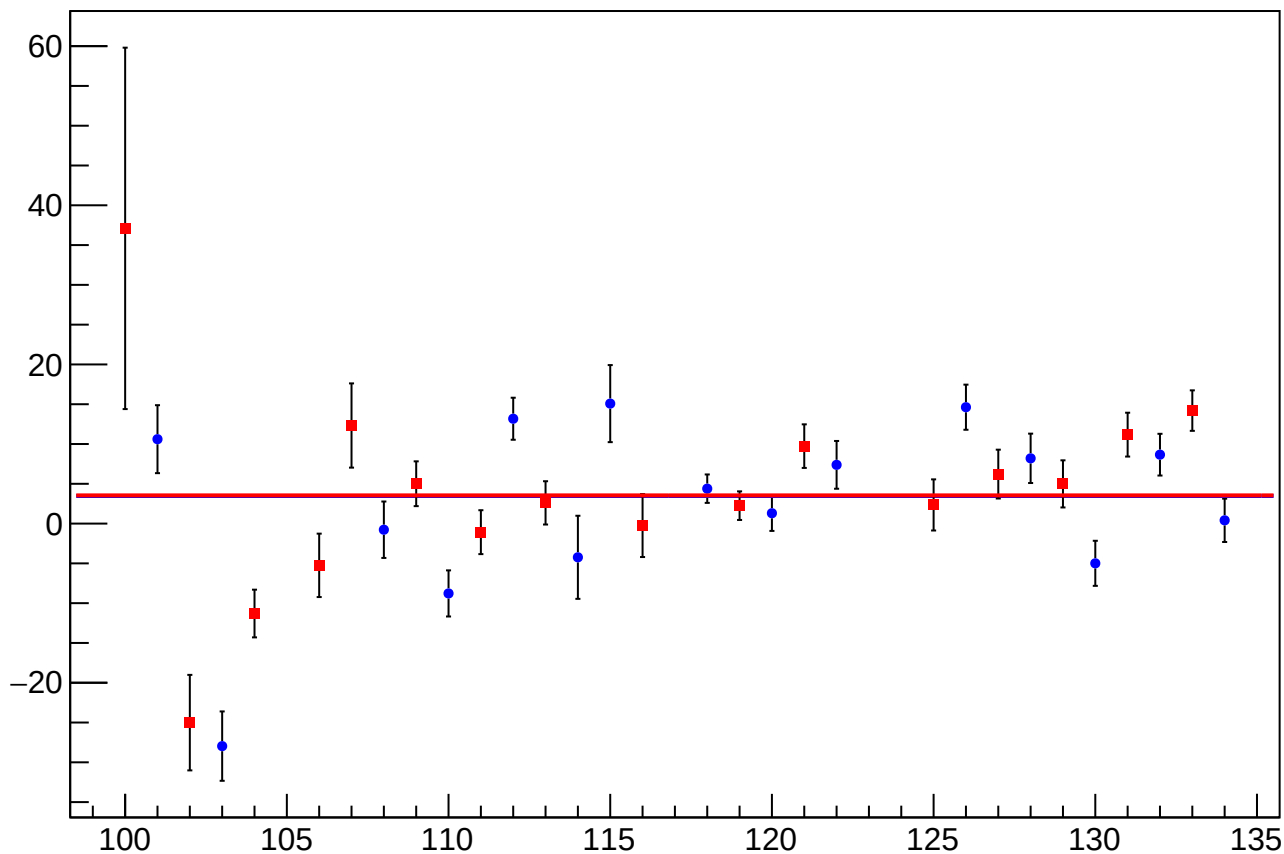
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 38.022+/-0.484 χ^2 /NDF: 1166.6/30

- 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: 3.544+/-0.758 χ^2/NDF : 93.1/15

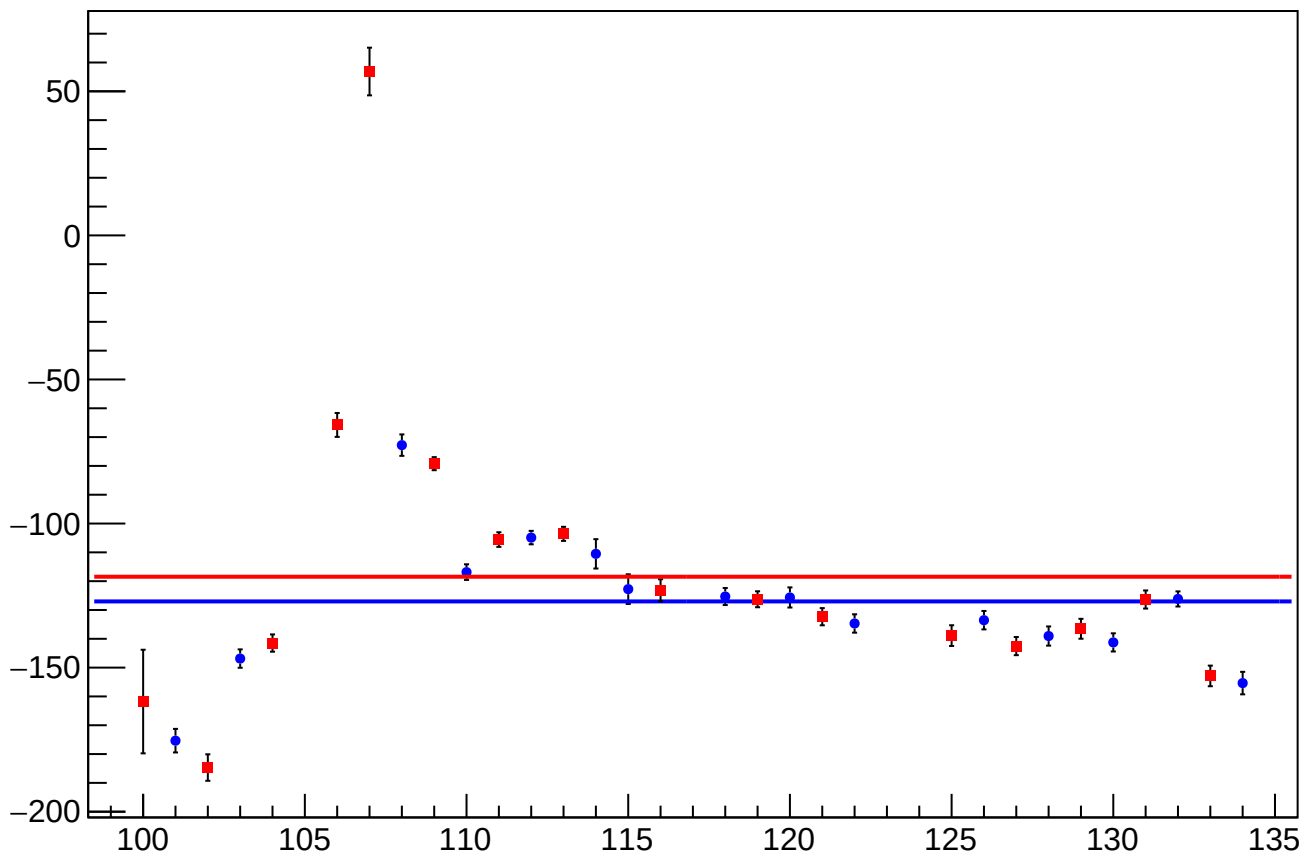
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.505+/-0.532 χ^2/NDF : 223.4/30

- 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 $\pm$ 0.839 χ^2 /NDF: 602.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -118.457 $\pm$ 0.816 χ^2 /NDF: 1492.5/15

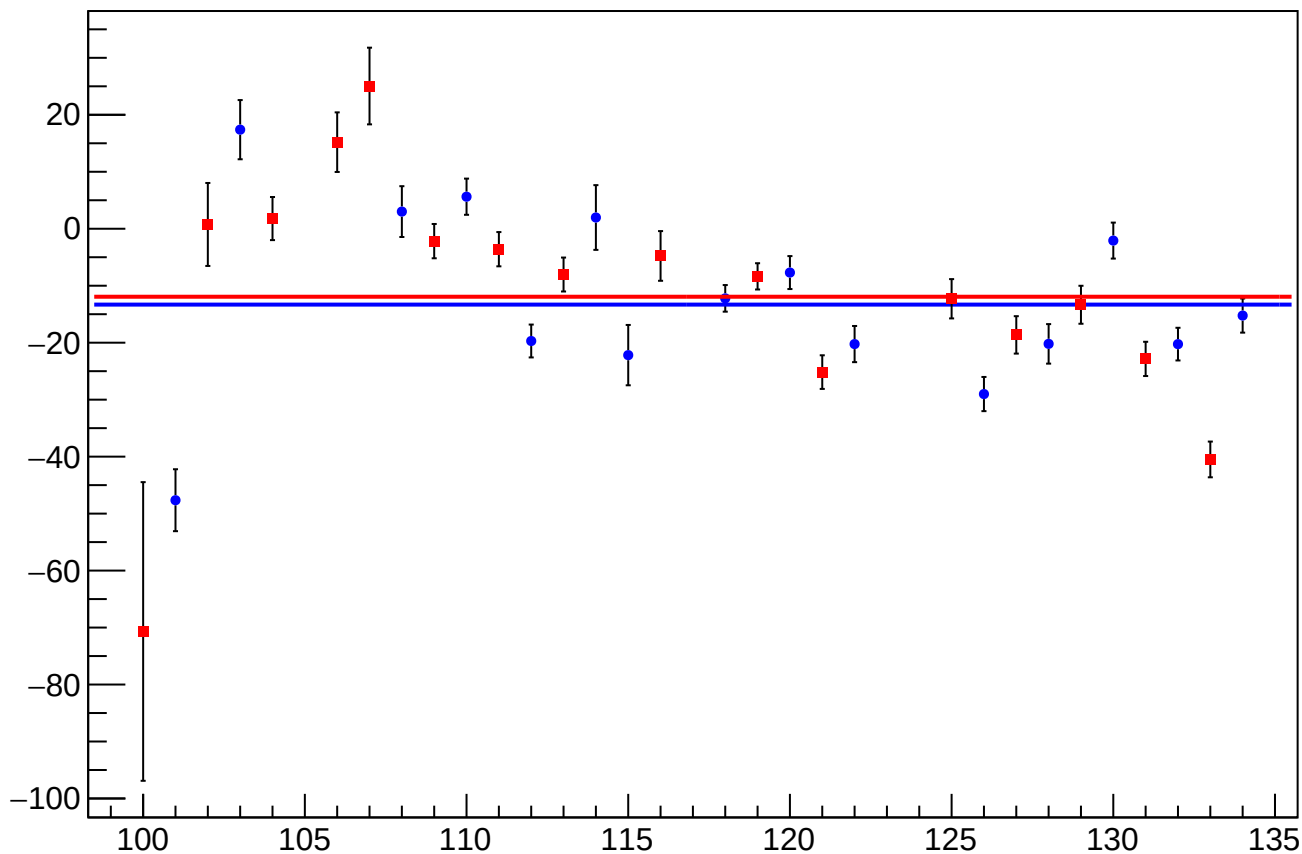
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -122.620 $\pm$ 0.585 χ^2 /NDF: 2148.6/30

- sign 0.000 $\pm$ 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: -11.933+/-0.871 χ^2/NDF : 223.9/15

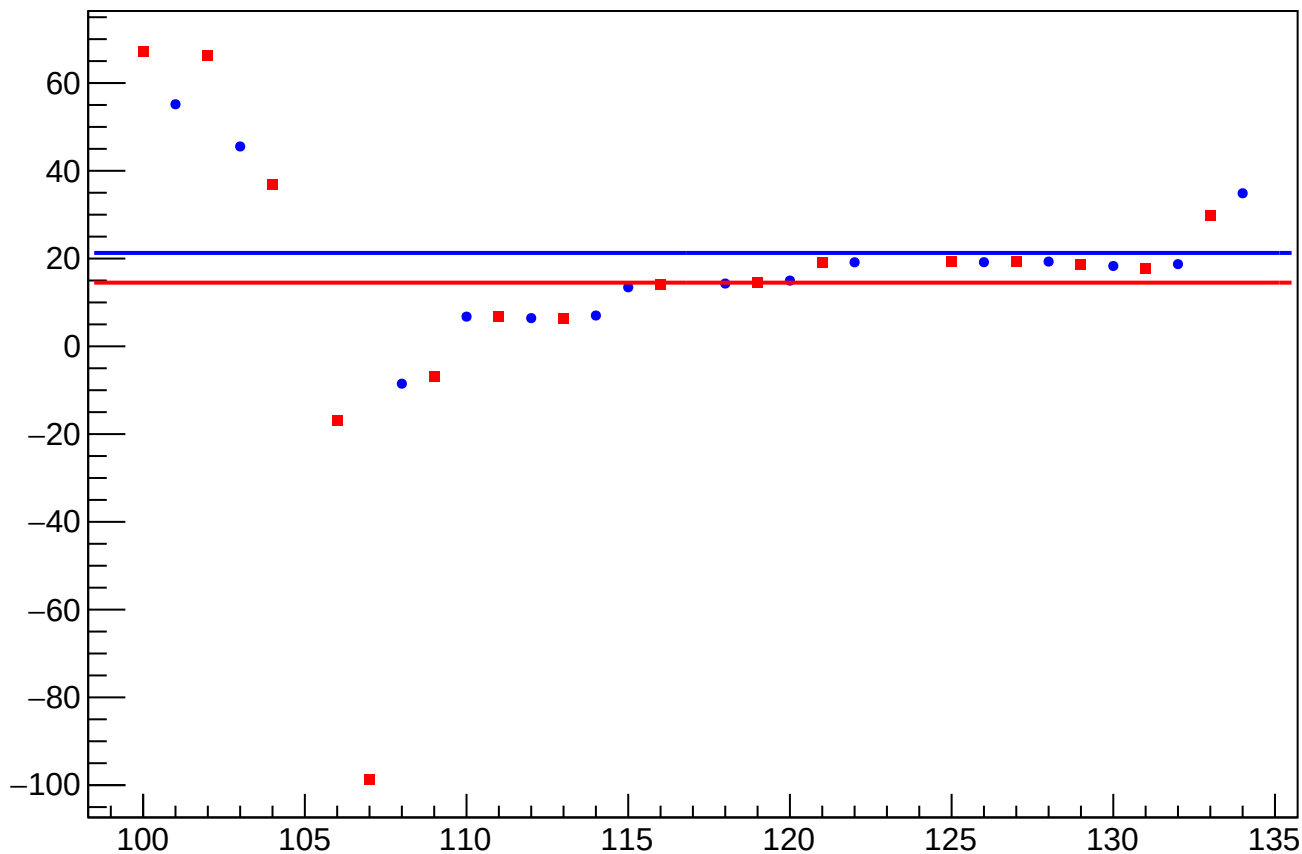
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.629+/-0.614 χ^2/NDF : 422.9/30

- 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 $\pm$ 0.054 χ^2 /NDF: 114089.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.511 $\pm$ 0.056 χ^2 /NDF: 256836.8/15

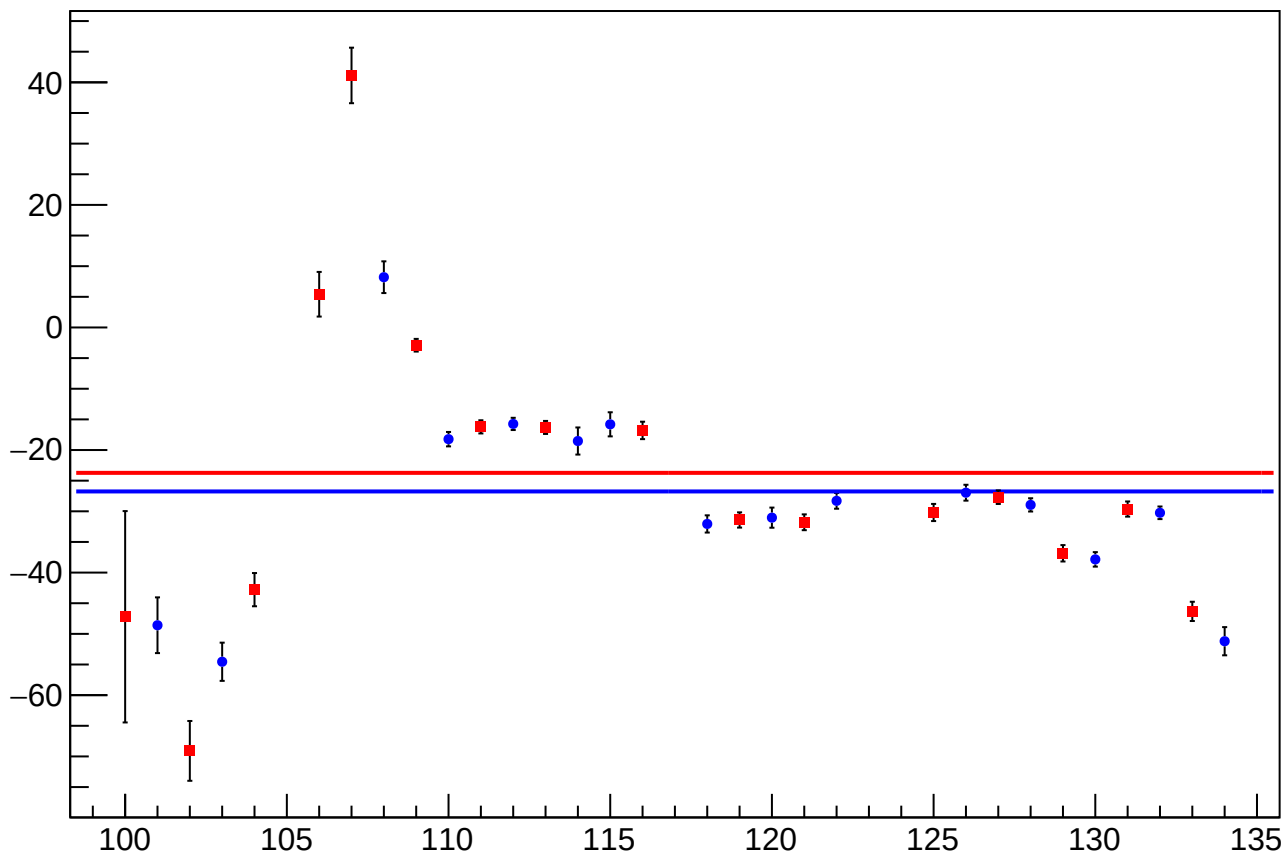
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.014 $\pm$ 0.039 χ^2 /NDF: 378455.6/30

- sign 0.000 $\pm$ 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: -23.725 ± 0.361 χ^2/NDF : 1370.1/15

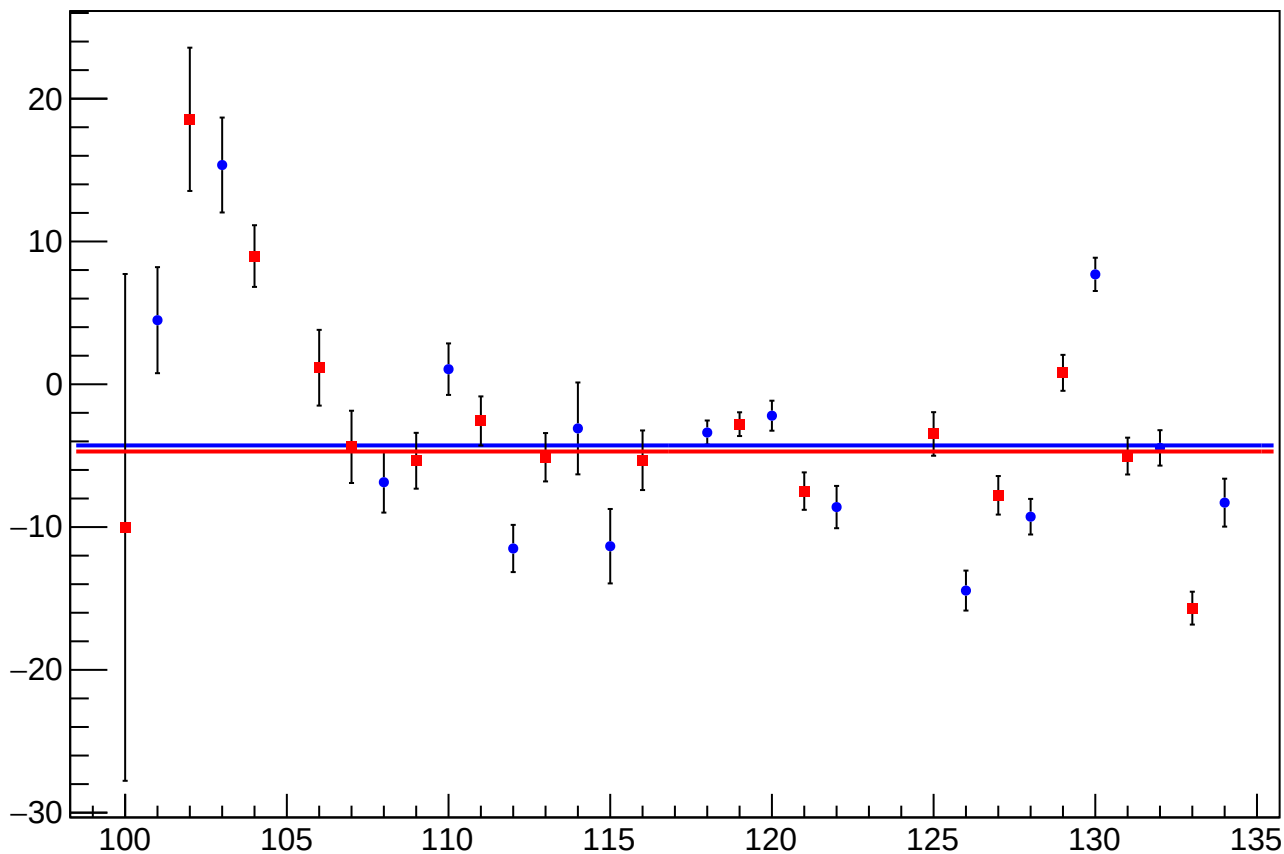
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.201 ± 0.259 χ^2/NDF : 2147.5/30

- 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: -4.708+/-0.386 χ^2/NDF : 194.1/15

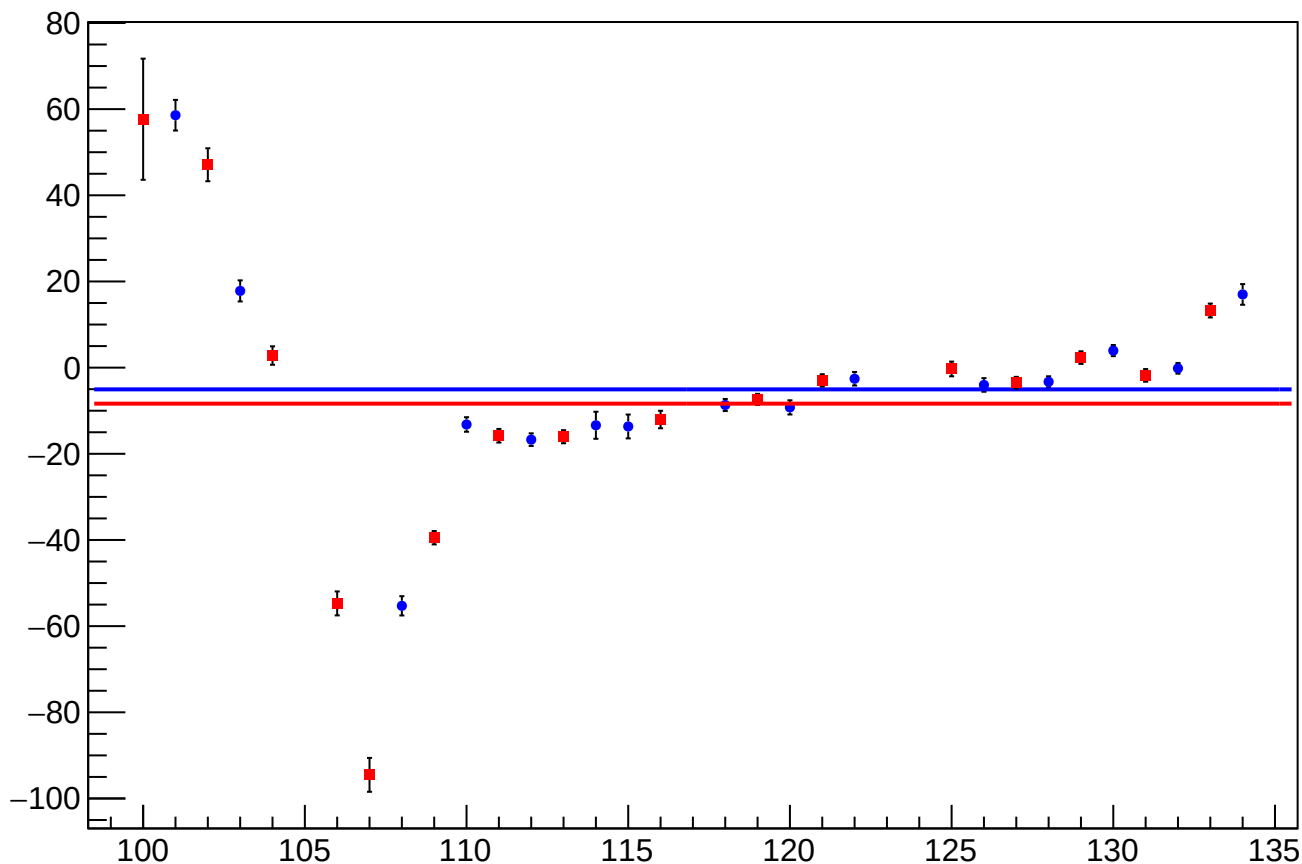
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.491+/-0.270 χ^2/NDF : 465.7/30

- 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: -8.358+/-0.435 χ^2 /NDF: 1771.7/15

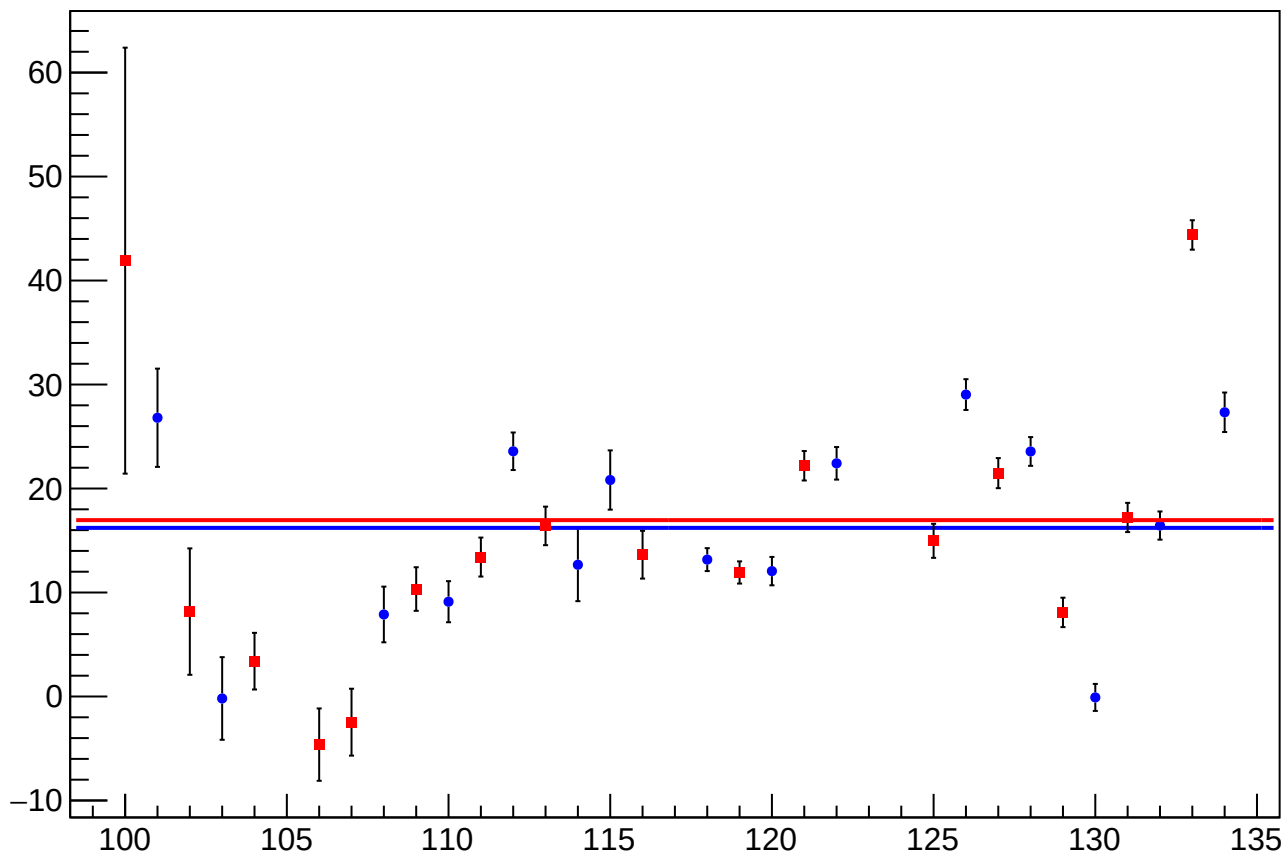
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -6.711+/-0.309 χ^2 /NDF: 2982.9/30

- 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: 16.960+/-0.444 χ^2/NDF : 581.0/15

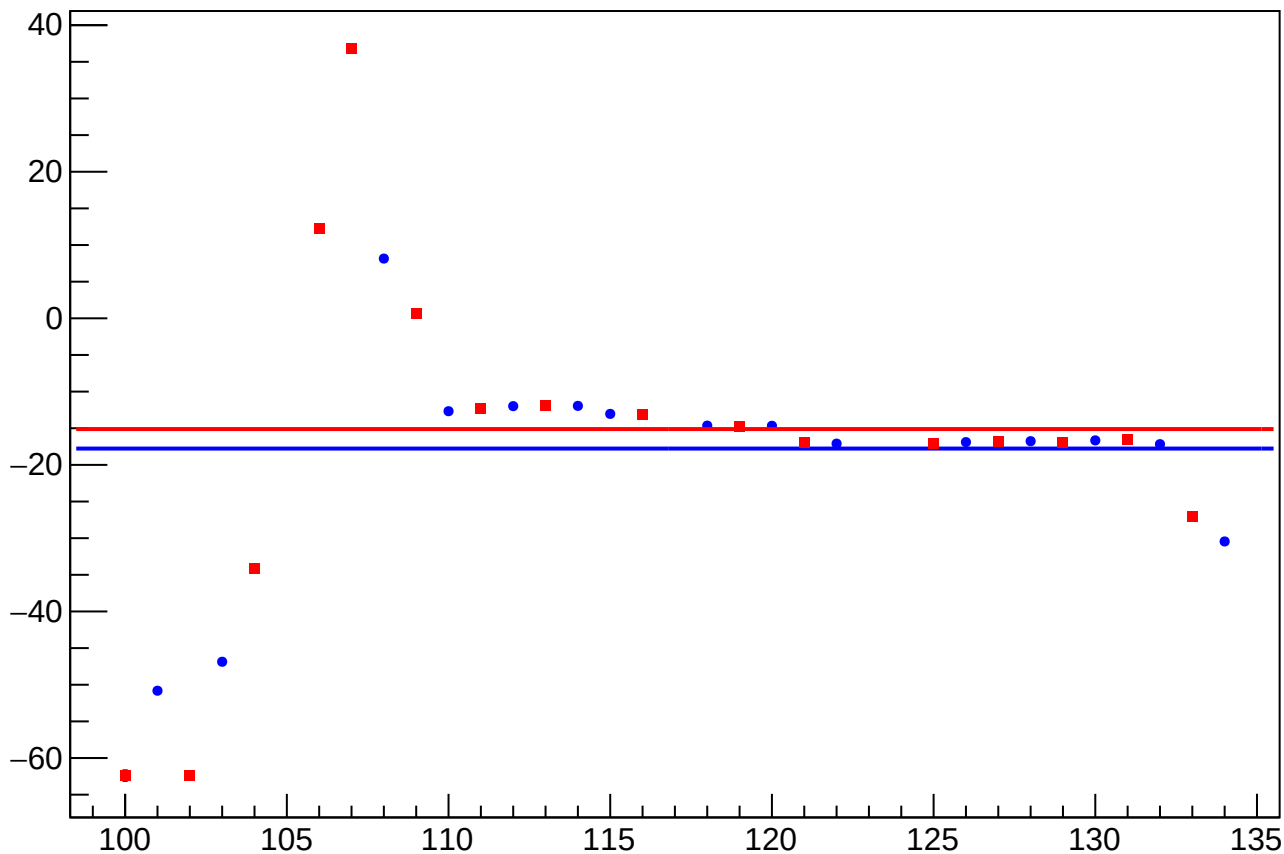
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.584+/-0.312 χ^2/NDF : 975.3/30

- 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: -15.113 ± 0.032 χ^2/NDF : 292478.3/15

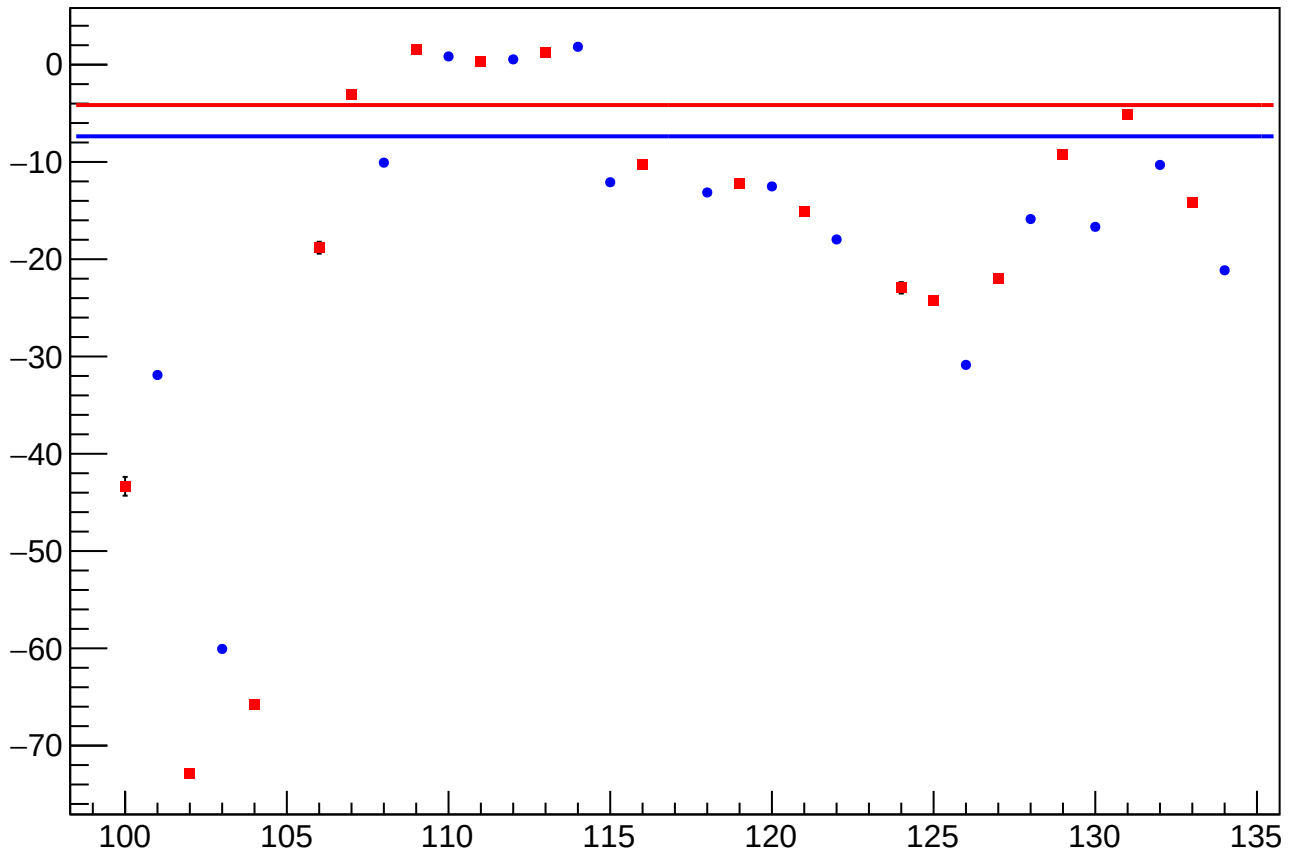
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.483 ± 0.022 χ^2/NDF : 505337.3/30

- 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: -4.153 ± 0.048 χ^2/NDF : 62022.6/16

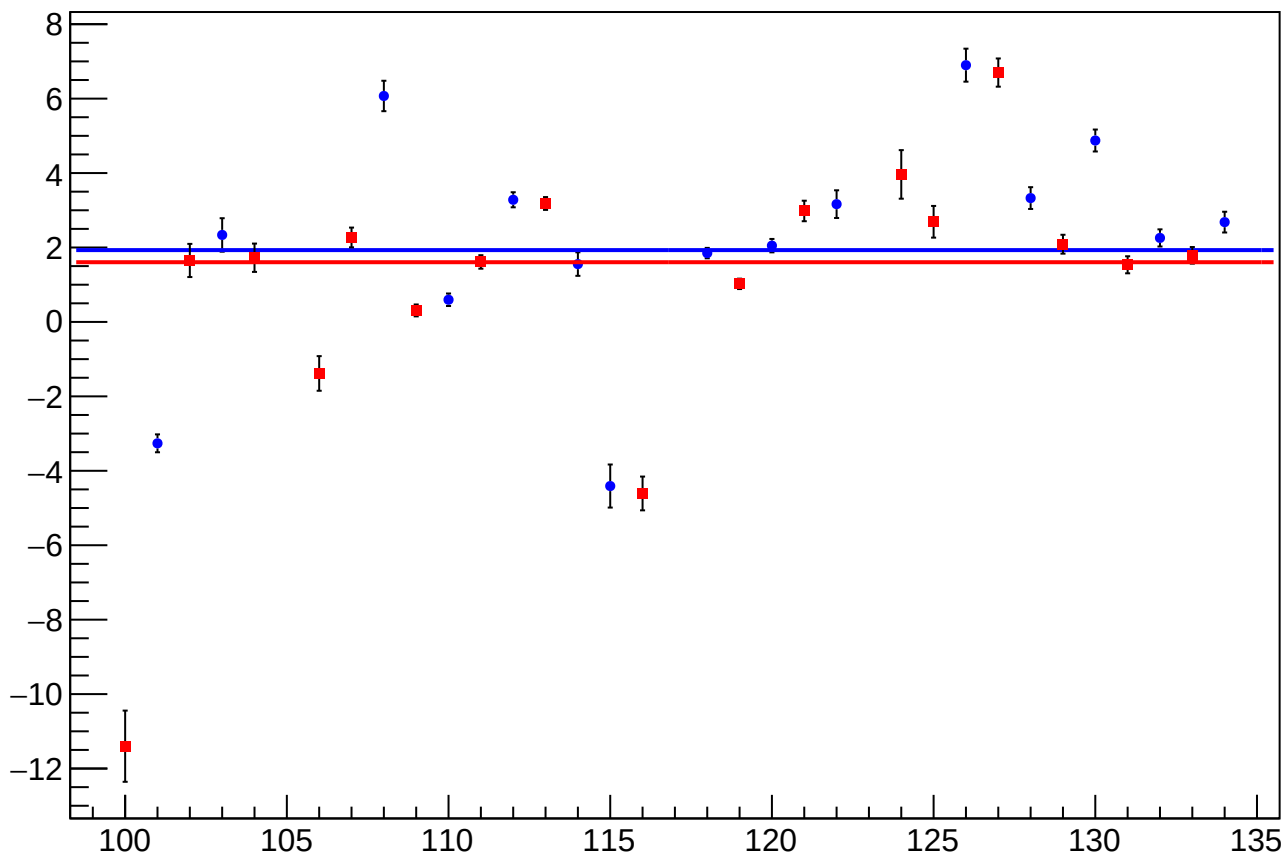
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.471 ± 0.037 χ^2/NDF : 106247.1/31

- 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: 1.604 $\pm$ 0.060 χ^2 /NDF: 816.2/16

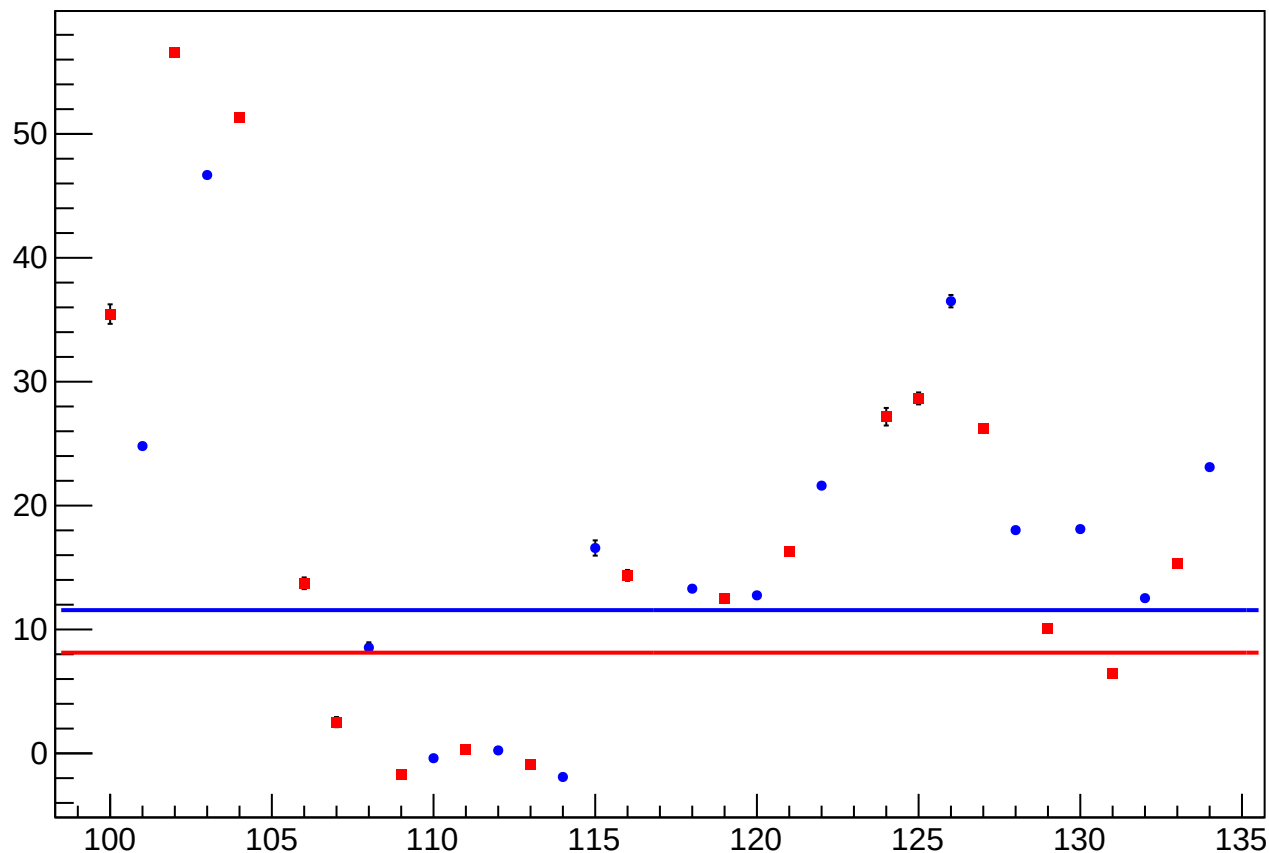
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.760 $\pm$ 0.044 χ^2 /NDF: 1897.9/31

- 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: 8.128 $\pm$ 0.063 χ^2 /NDF: 51284.3/16

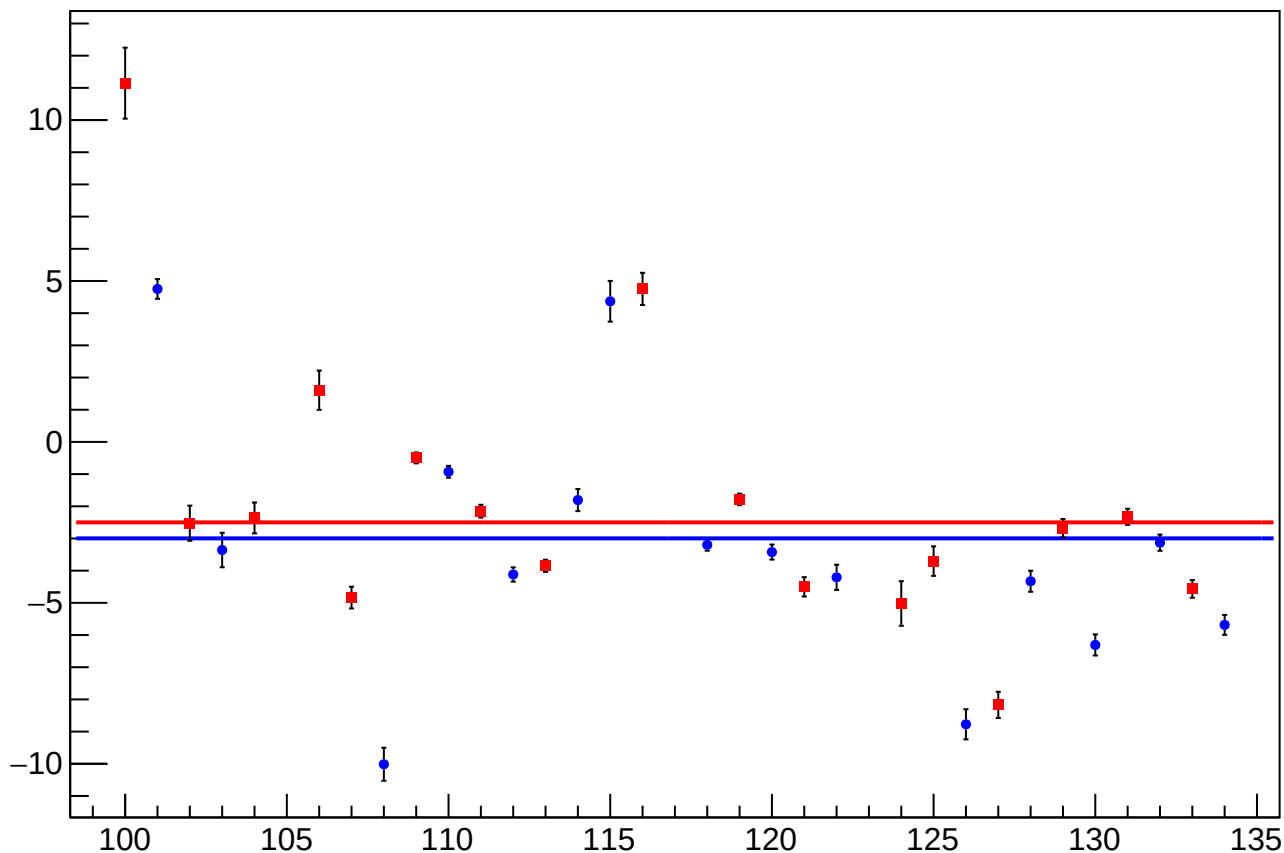
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.659 $\pm$ 0.047 χ^2 /NDF: 83383.4/31

- 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: -2.499 ± 0.069 χ^2/NDF : 984.0/16

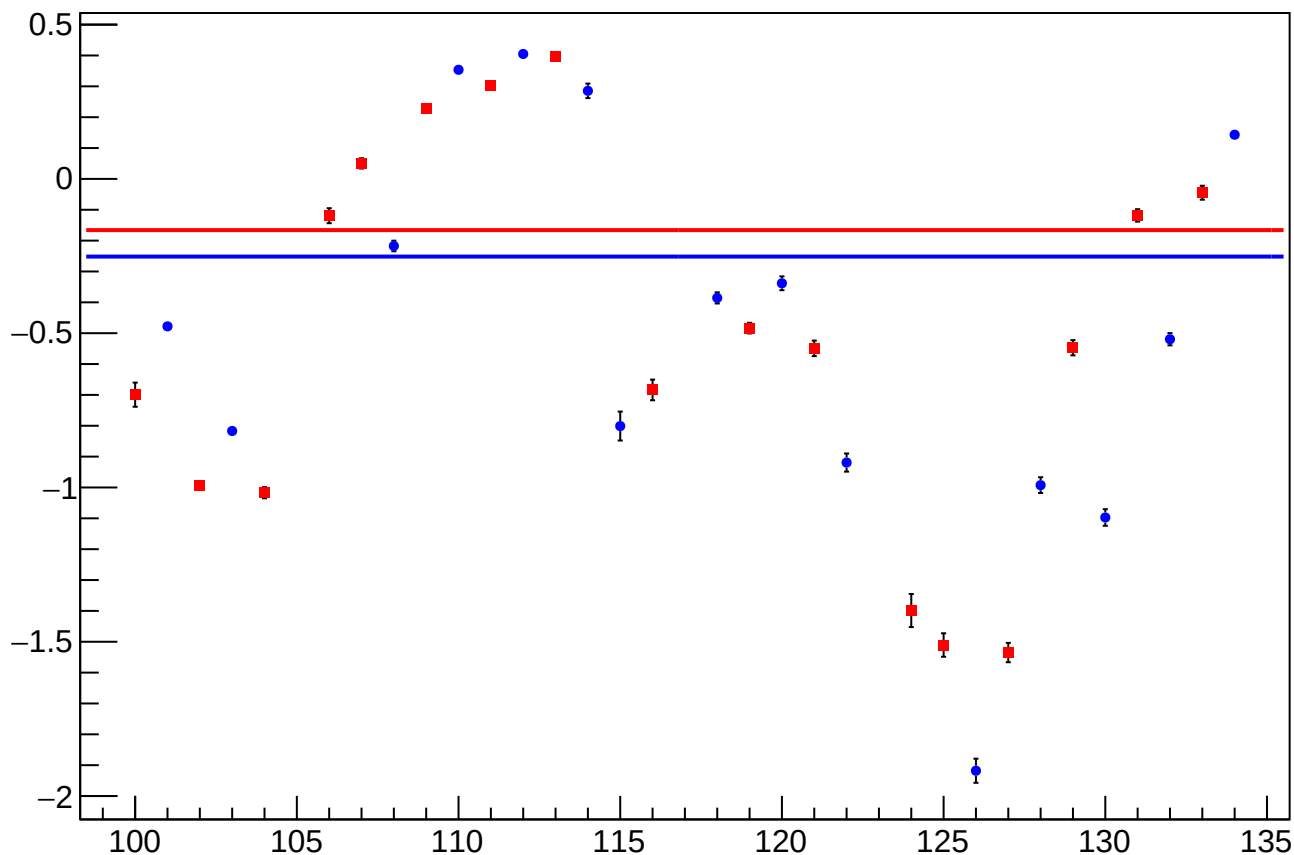
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.731 ± 0.050 χ^2/NDF : 2498.1/31

- 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 χ^2/NDF : 11977.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.166 ± 0.004 χ^2/NDF : 15261.5/16

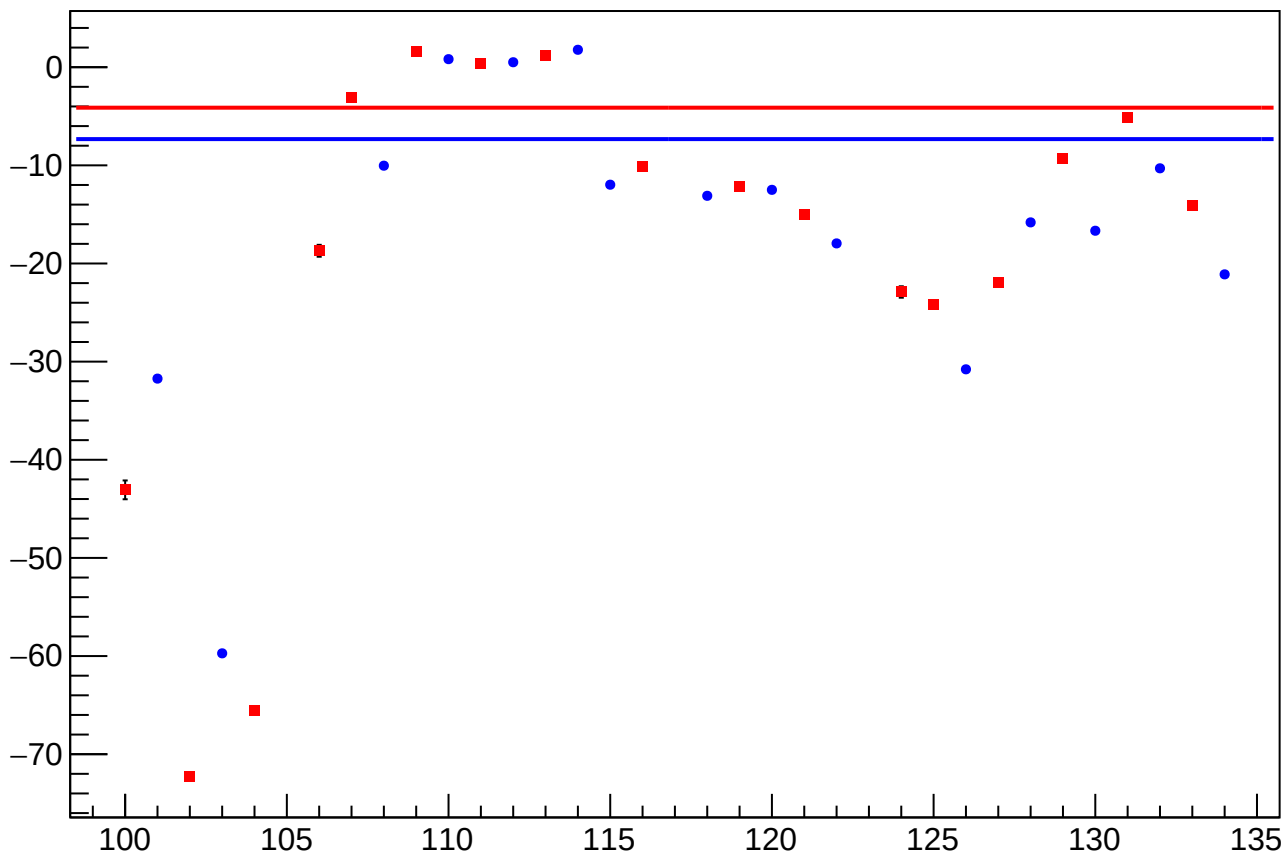
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.206 ± 0.003 χ^2/NDF : 27410.6/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



Right In: -7.326 ± 0.057 $\chi^2/\text{NDF}: 42407.2/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -4.125 ± 0.048 $\chi^2/\text{NDF}: 62041.2/16$

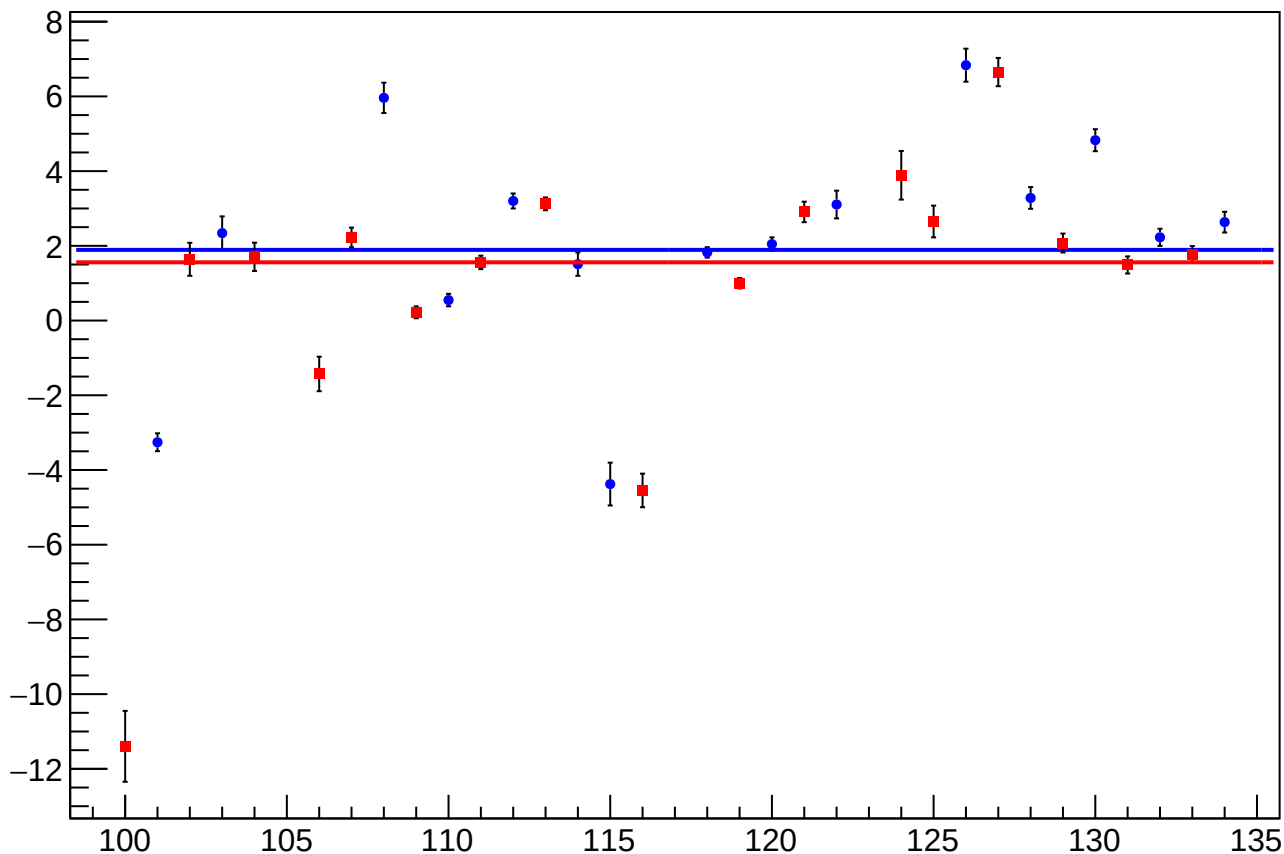
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -5.437 ± 0.037 $\chi^2/\text{NDF}: 106301.8/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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: 1.559 $\pm$ 0.060 χ^2 /NDF: 820.8/16

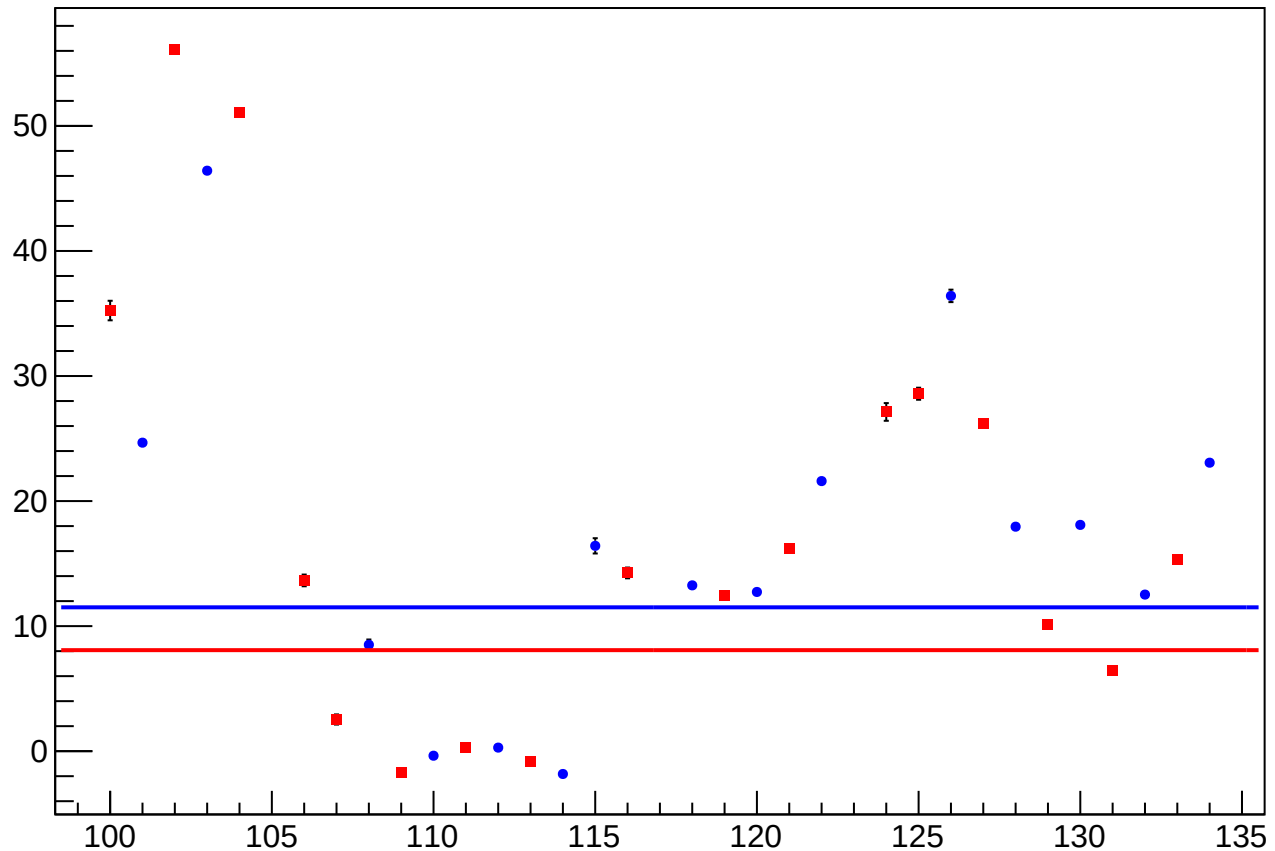
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.718 $\pm$ 0.043 χ^2 /NDF: 1897.2/31

- 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+/-0.070 χ^2/NDF : 30786.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.079+/-0.062 χ^2/NDF : 51307.0/16

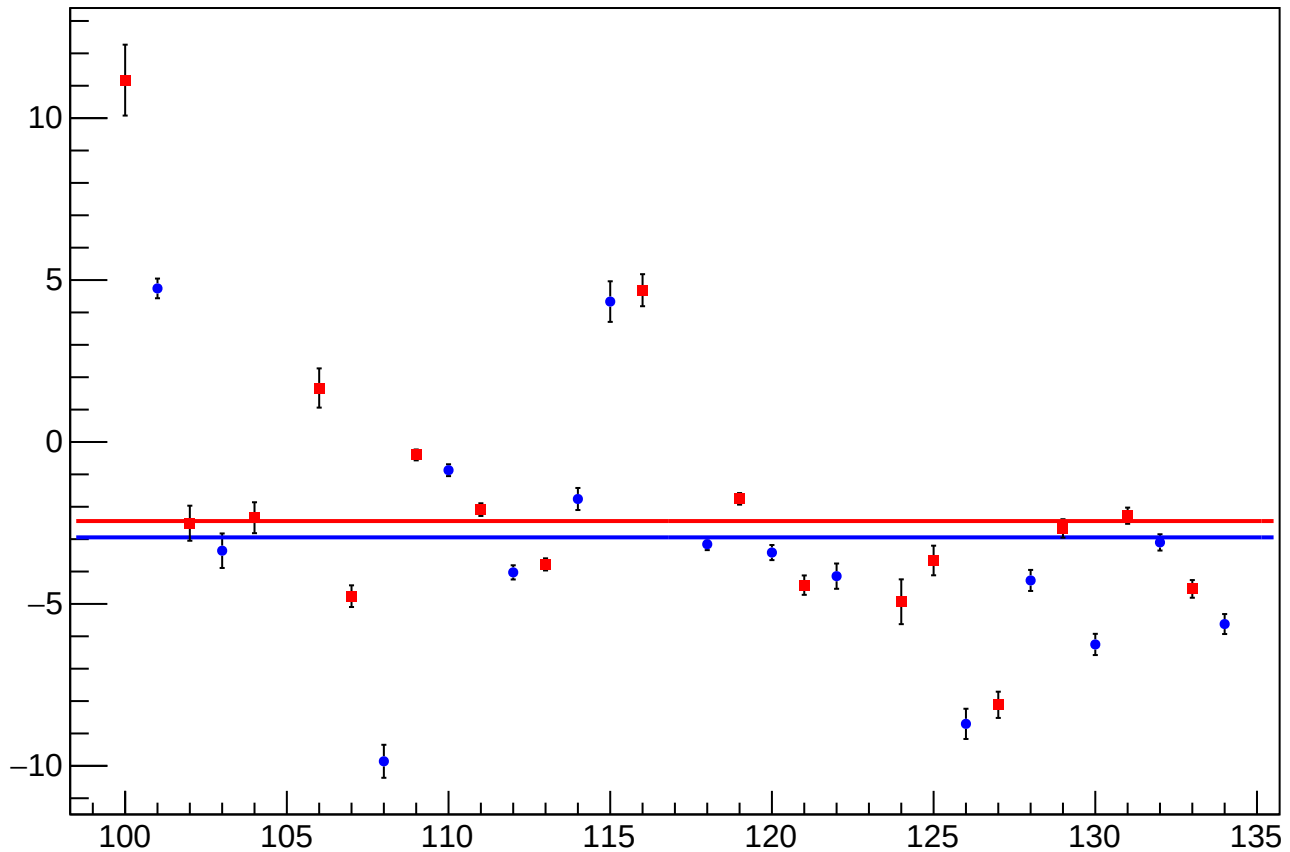
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.605+/-0.046 χ^2/NDF : 83433.8/31

- sign 0.000+/-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: -2.441 ± 0.069 χ^2/NDF : 992.9/16

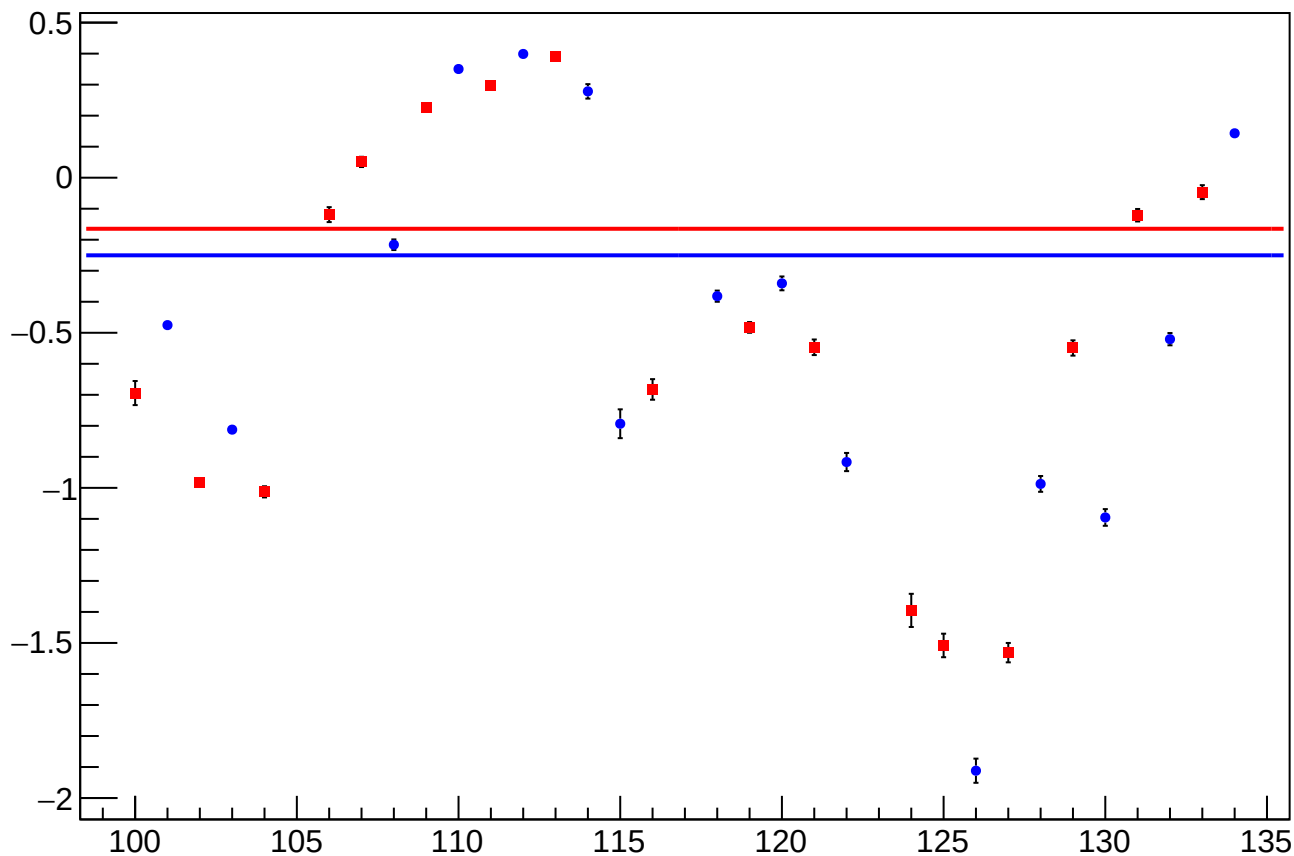
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.676 ± 0.050 χ^2/NDF : 2503.4/31

- 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 χ^2/NDF : 11964.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.165 ± 0.004 χ^2/NDF : 15279.0/16

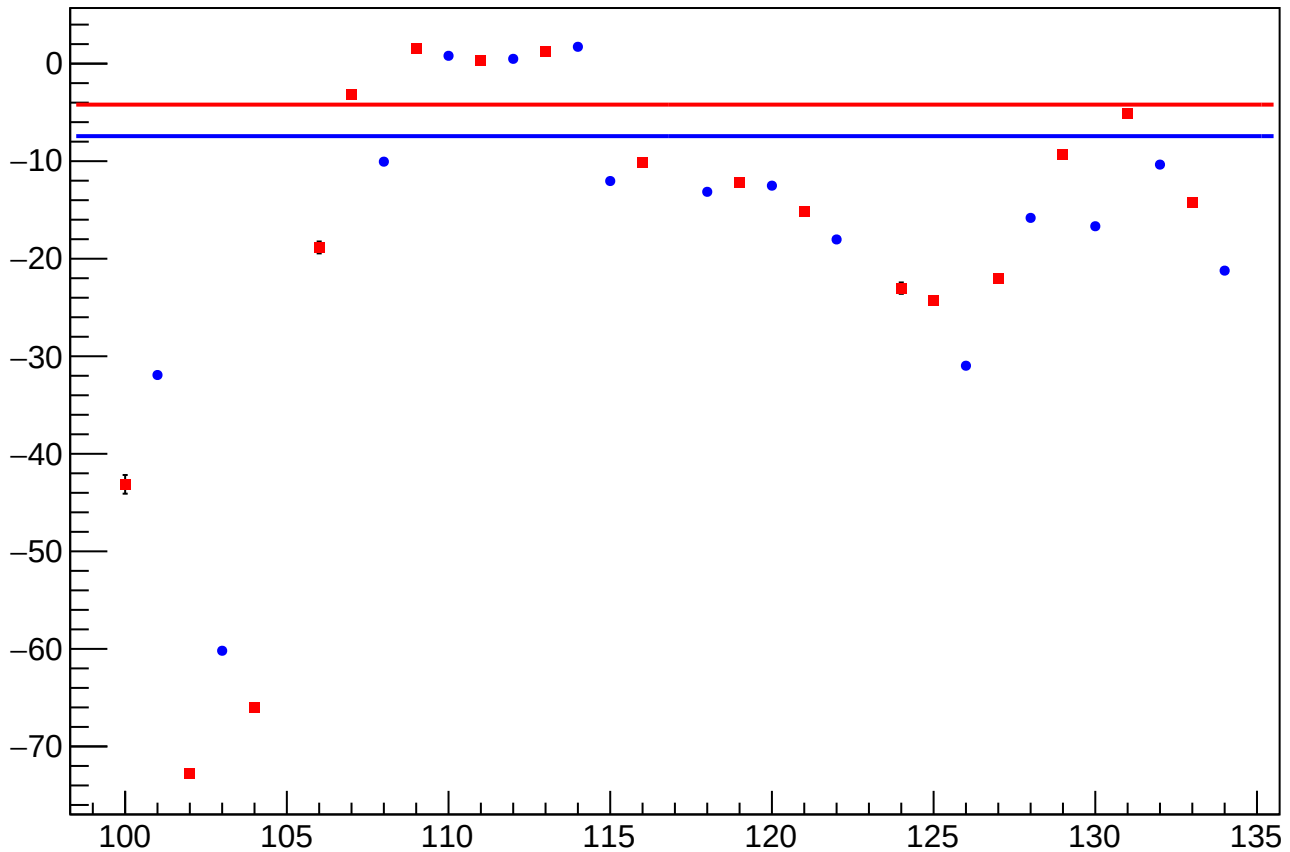
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.205 ± 0.003 χ^2/NDF : 27416.6/31

- sign 0.000 ± 0.000 χ^2/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: -4.203+/-0.048 χ^2/NDF : 61946.0/16

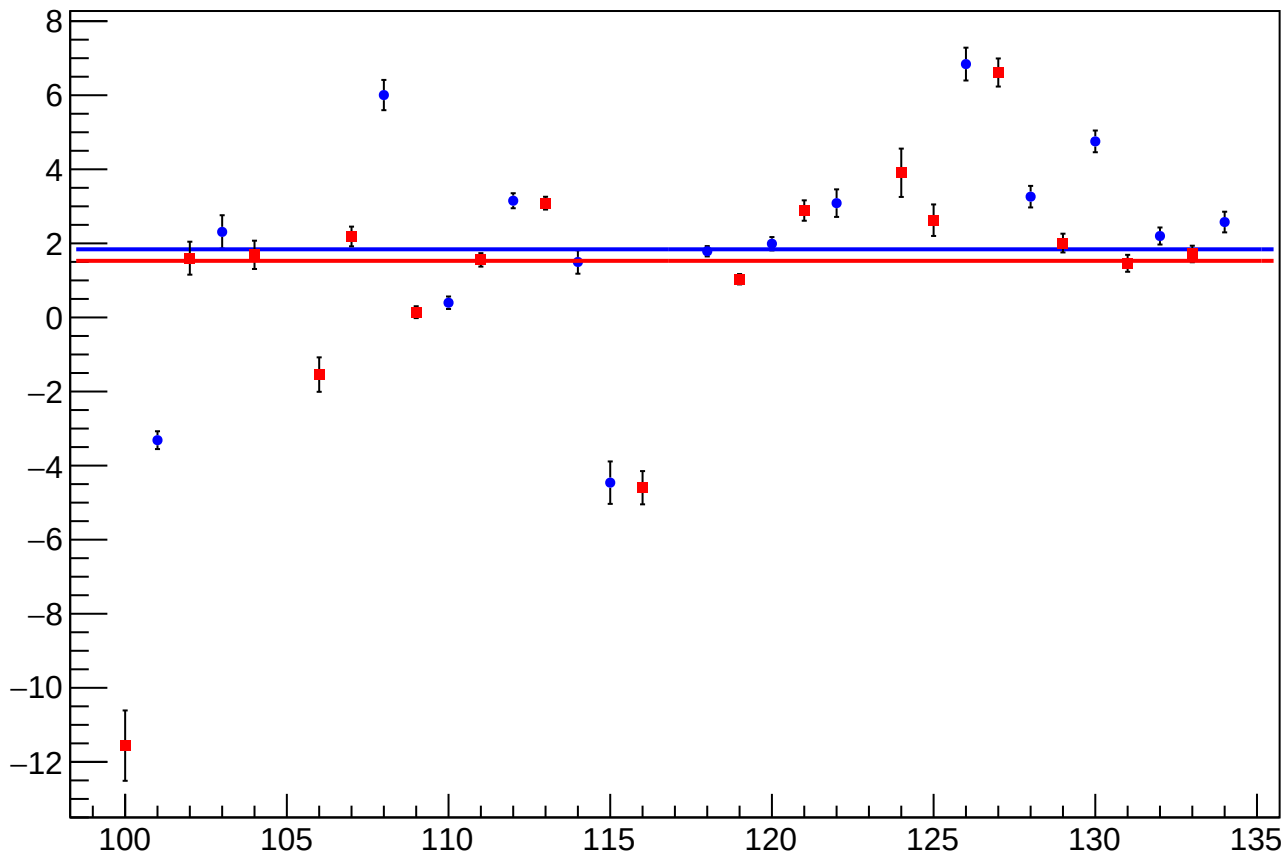
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.528+/-0.037 χ^2/NDF : 106094.4/31

- 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 ± 0.063 χ^2/NDF : 1072.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.529 ± 0.060 χ^2/NDF : 823.4/16

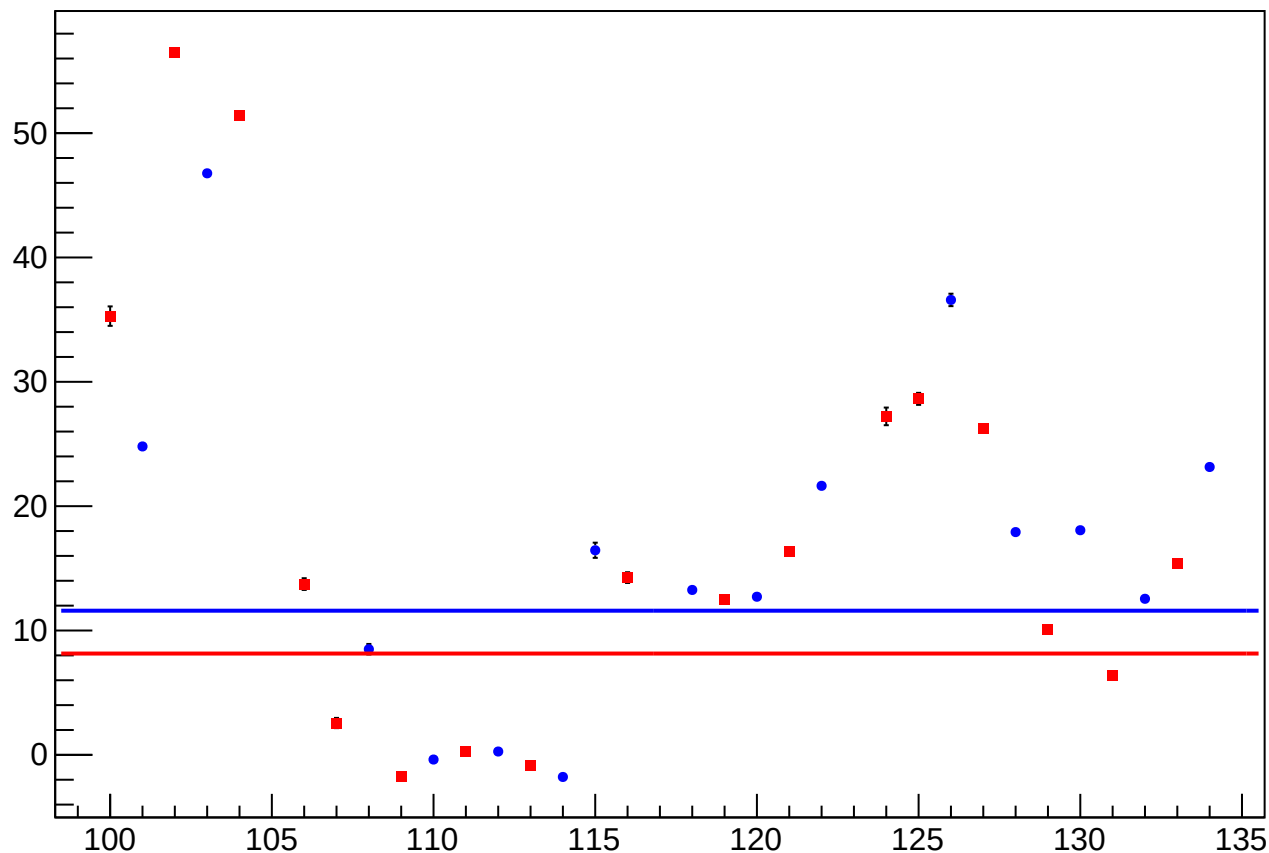
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.677 ± 0.044 χ^2/NDF : 1908.5/31

- sign 0.000 ± 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: 8.148 $\pm$ 0.063 χ^2 /NDF: 51224.8/16

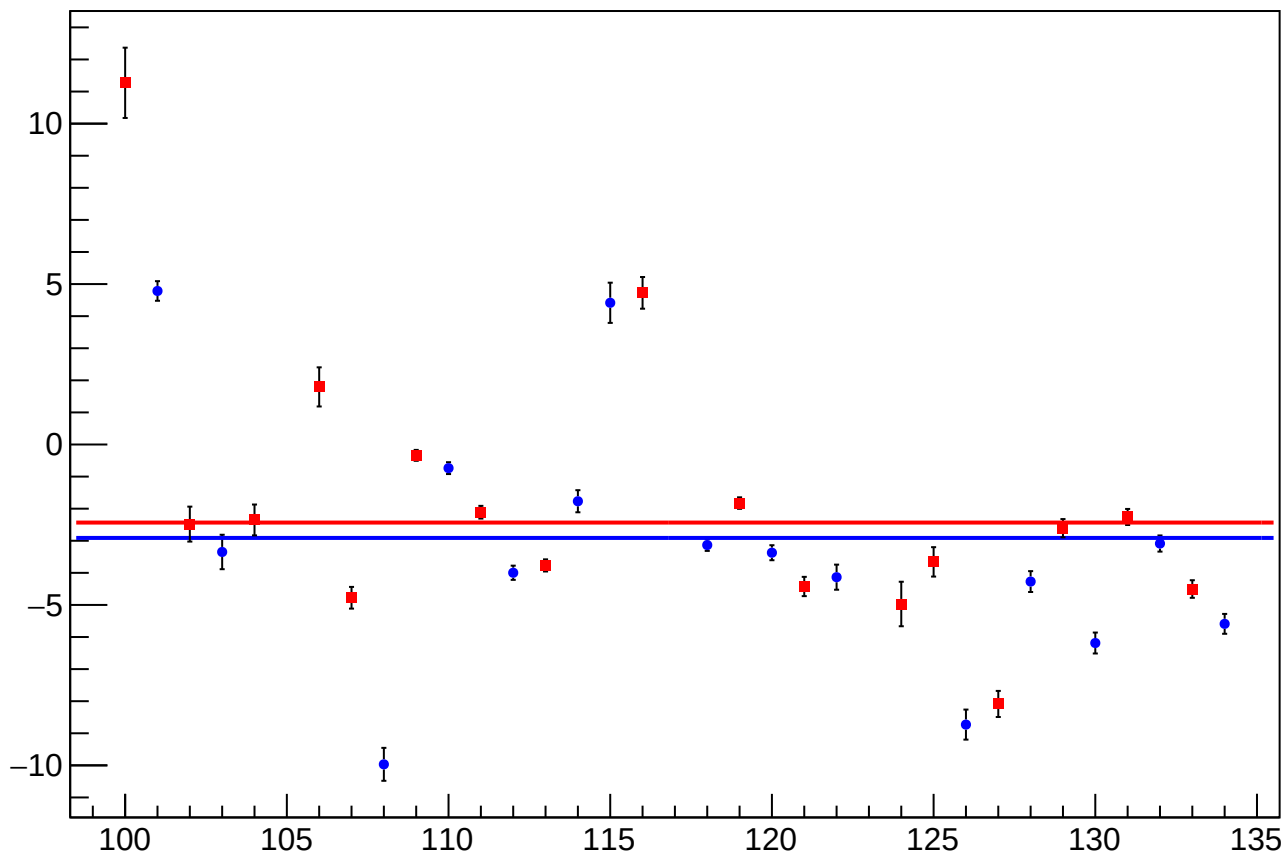
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.685 $\pm$ 0.047 χ^2 /NDF: 83245.8/31

- 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: -2.433 ± 0.069 χ^2/NDF : 994.7/16

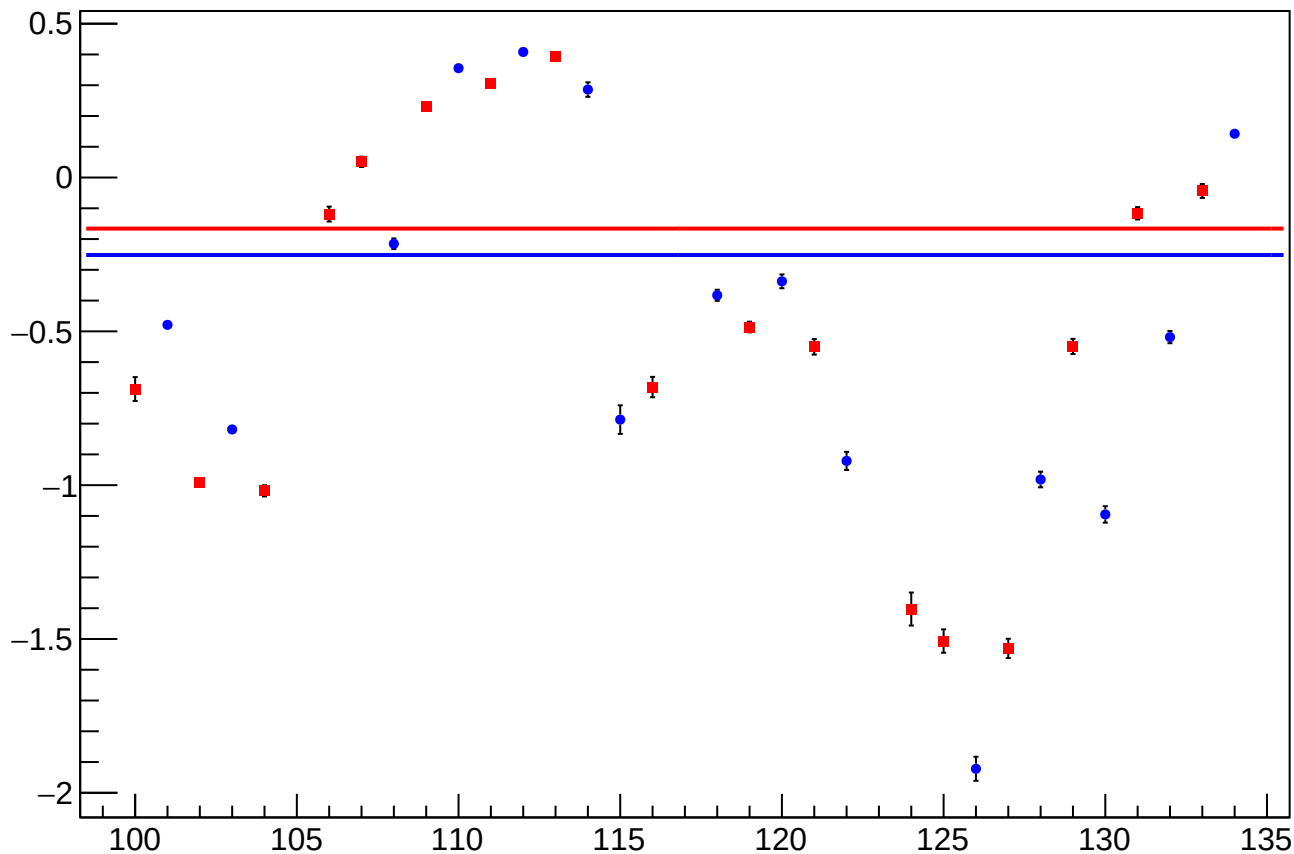
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.656 ± 0.050 χ^2/NDF : 2514.5/31

- 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: -0.166 ± 0.004 $\chi^2/\text{NDF}: 15254.8/16$

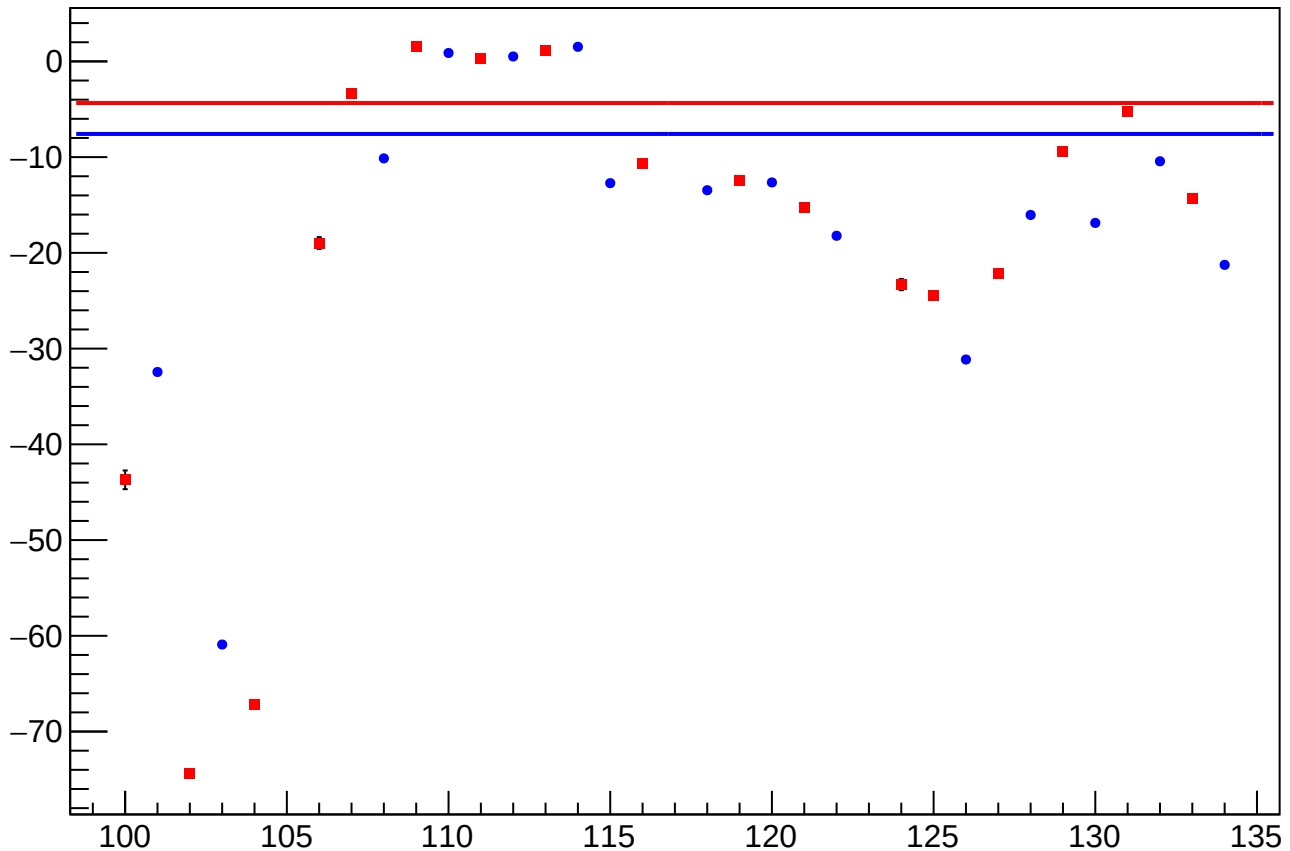
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.206 ± 0.003 $\chi^2/\text{NDF}: 27418.5/31$

- 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: -4.350+/-0.049 χ^2/NDF : 61385.2/16

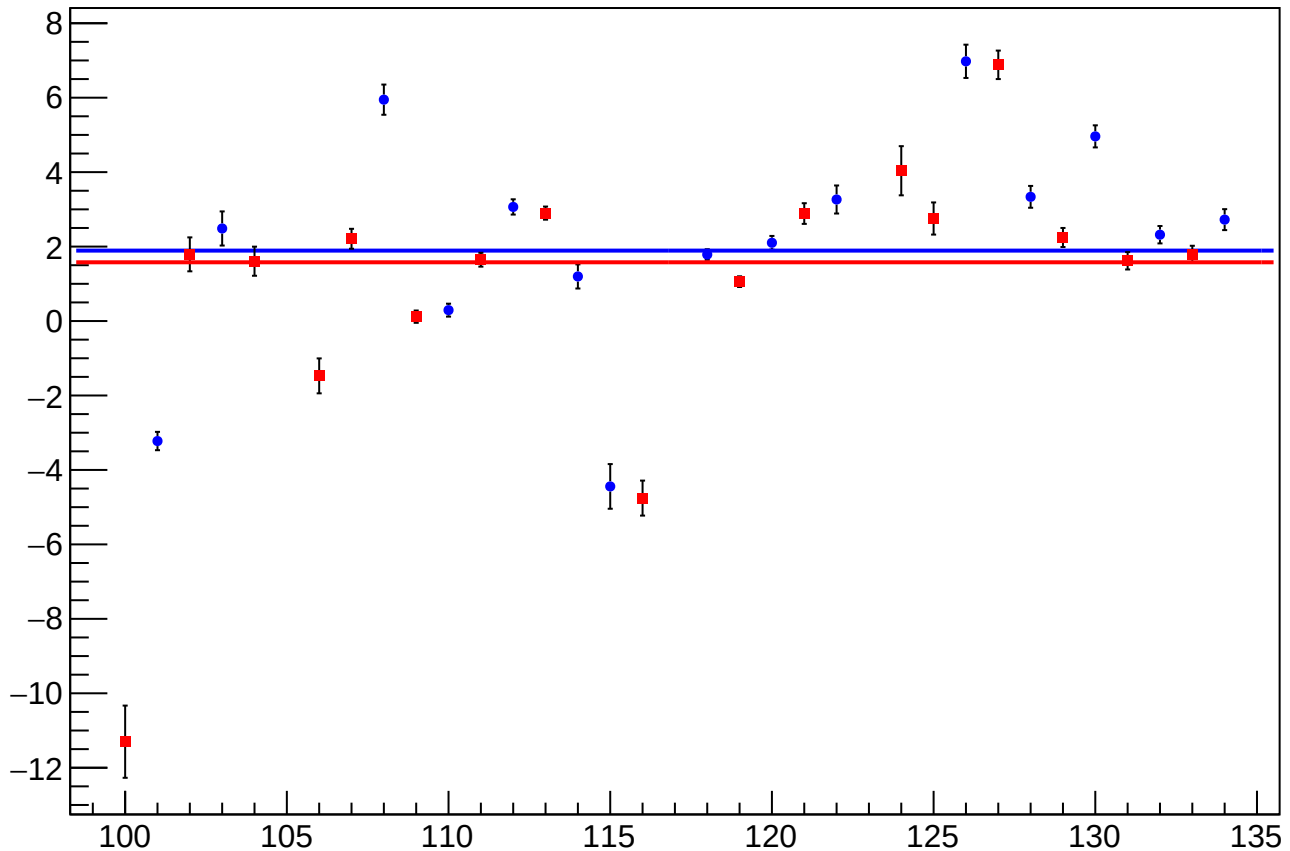
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.681+/-0.038 χ^2/NDF : 104907.3/31

- 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: 1.578 $\pm$ 0.062 χ^2 /NDF: 797.3/16

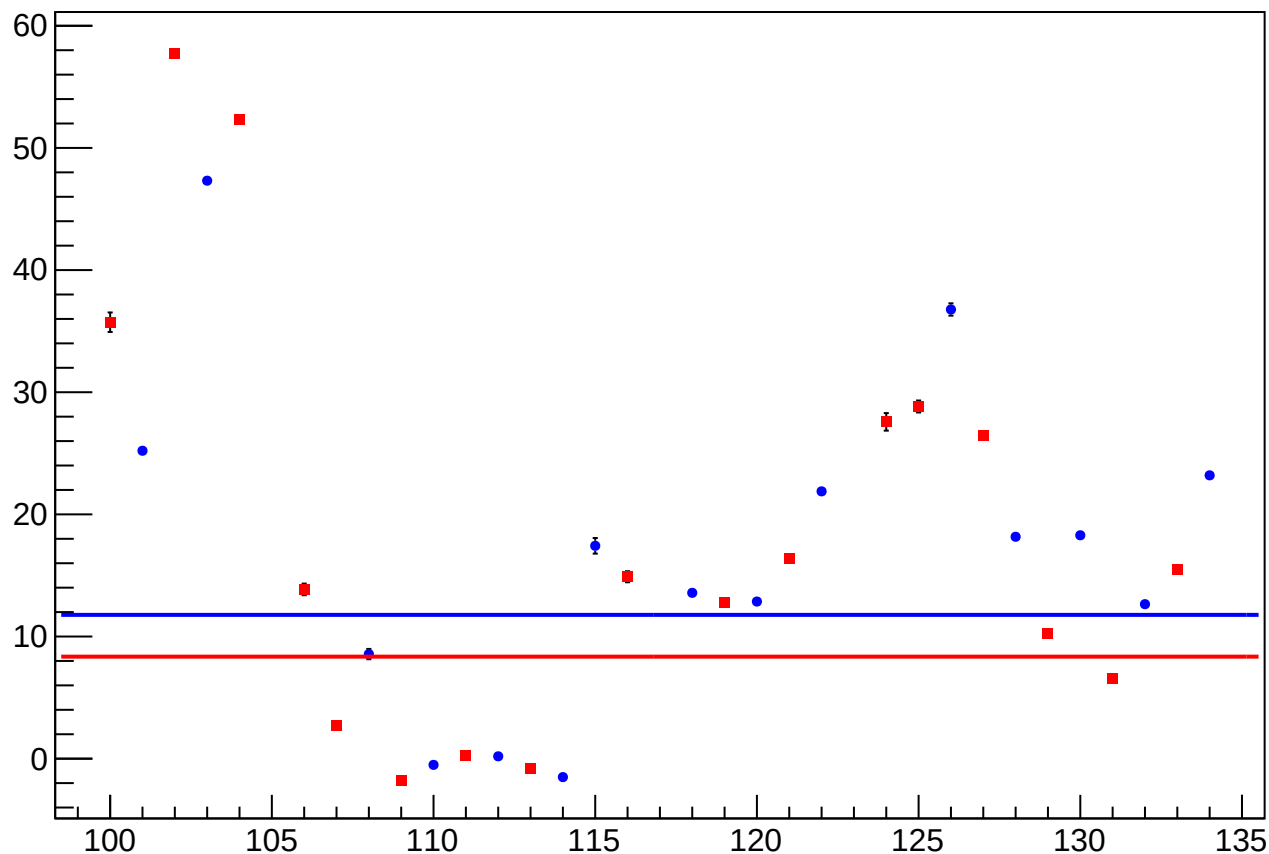
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.728 $\pm$ 0.045 χ^2 /NDF: 1863.7/31

- 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+/-0.071 χ^2/NDF : 30316.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.353+/-0.064 χ^2/NDF : 50747.5/16

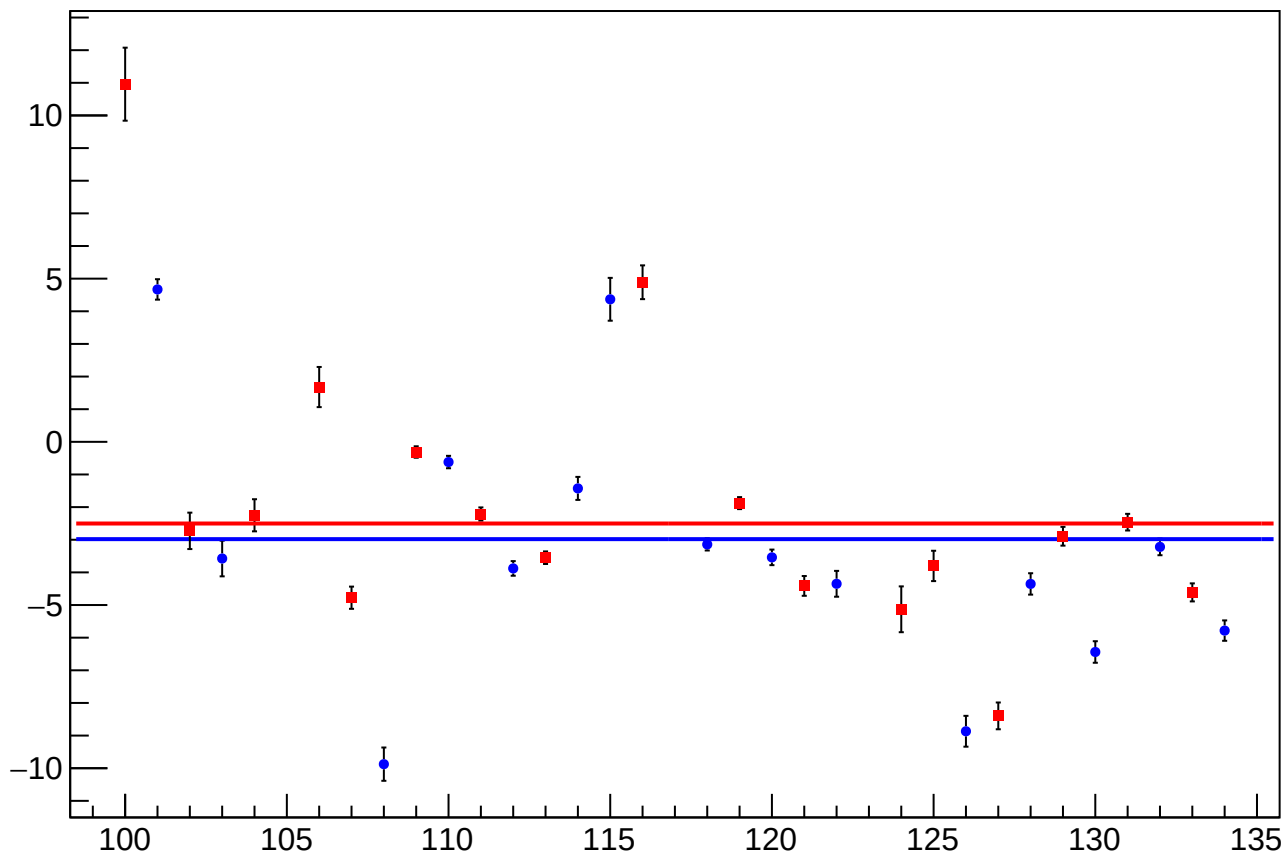
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.884+/-0.048 χ^2/NDF : 82332.4/31

- sign 0.000+/-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: -2.503 ± 0.071 χ^2/NDF : 968.2/16

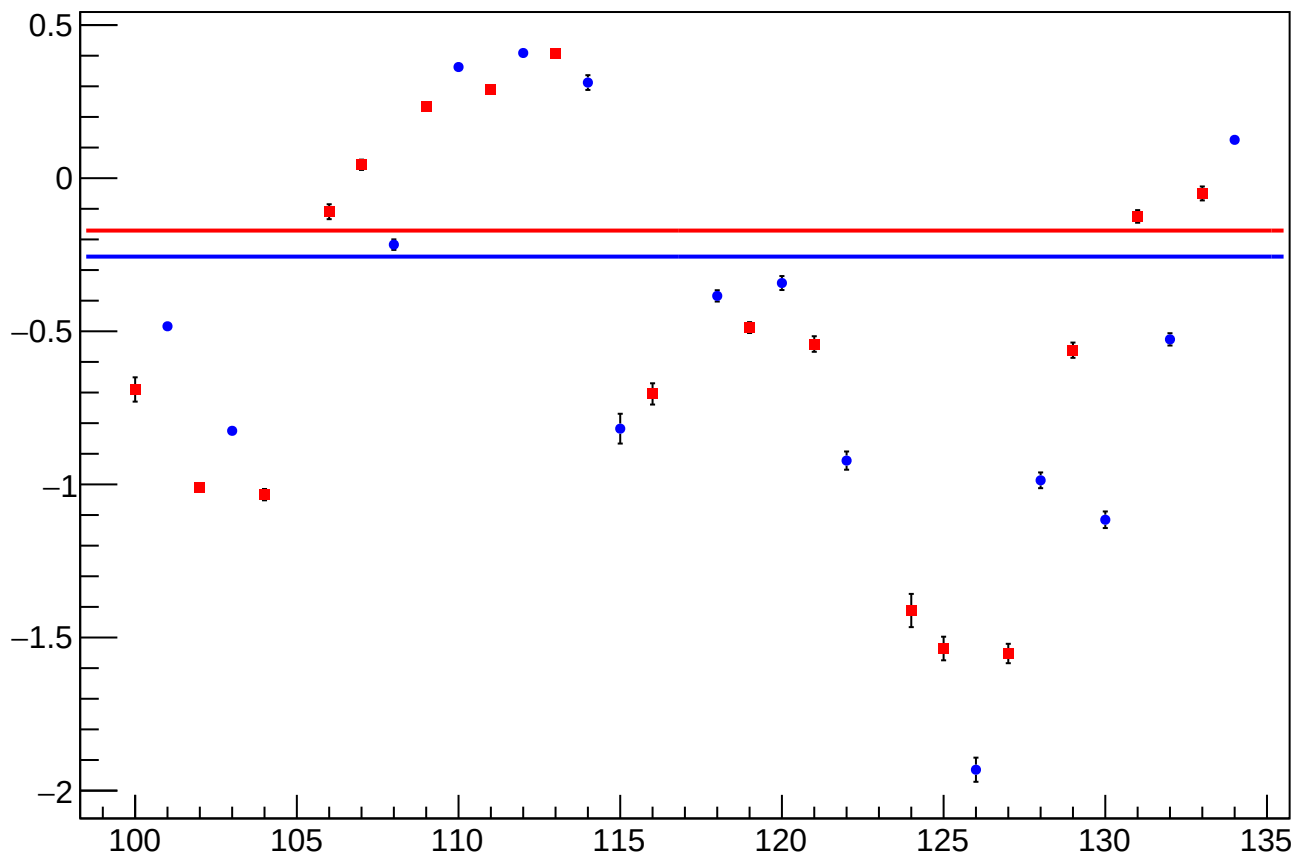
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.727 ± 0.051 χ^2/NDF : 2467.9/31

- 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 χ^2/NDF : 11809.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.171 ± 0.005 χ^2/NDF : 15044.8/16

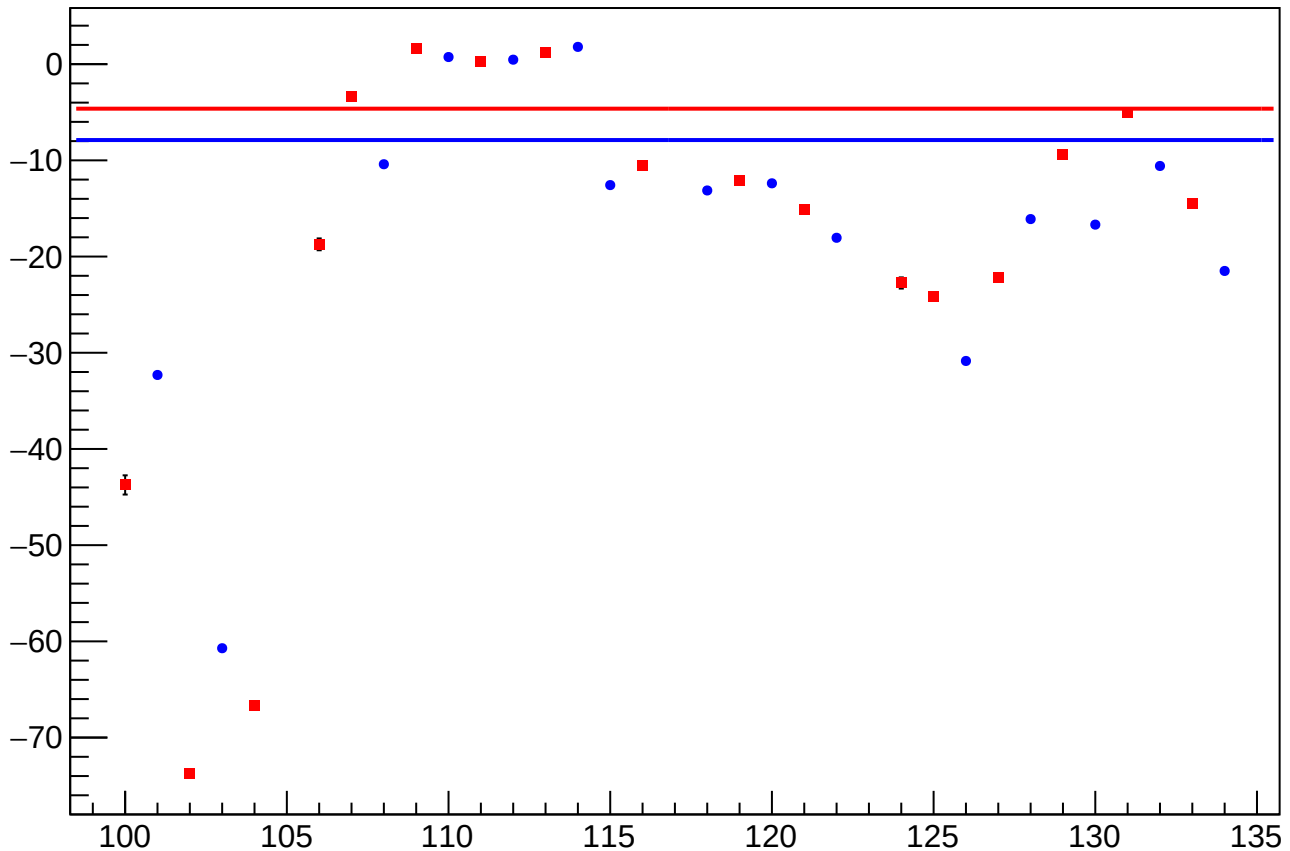
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.211 ± 0.003 χ^2/NDF : 27016.4/31

- sign 0.000 ± 0.000 χ^2/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: -4.628 ± 0.050 $\chi^2/\text{NDF}: 59829.0/16$

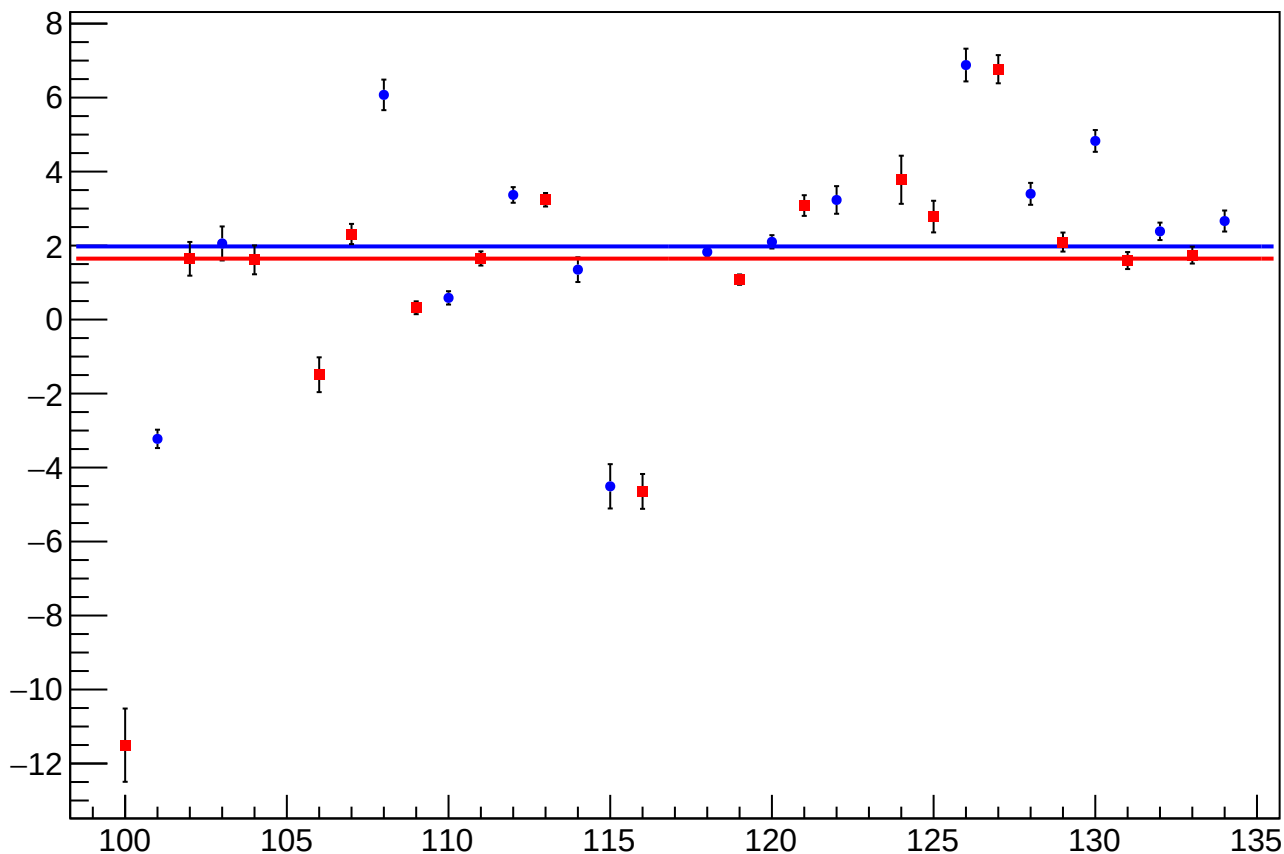
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -5.985 ± 0.039 $\chi^2/\text{NDF}: 101964.8/31$

- 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: 1.647 $\pm$ 0.062 χ^2 /NDF: 784.3/16

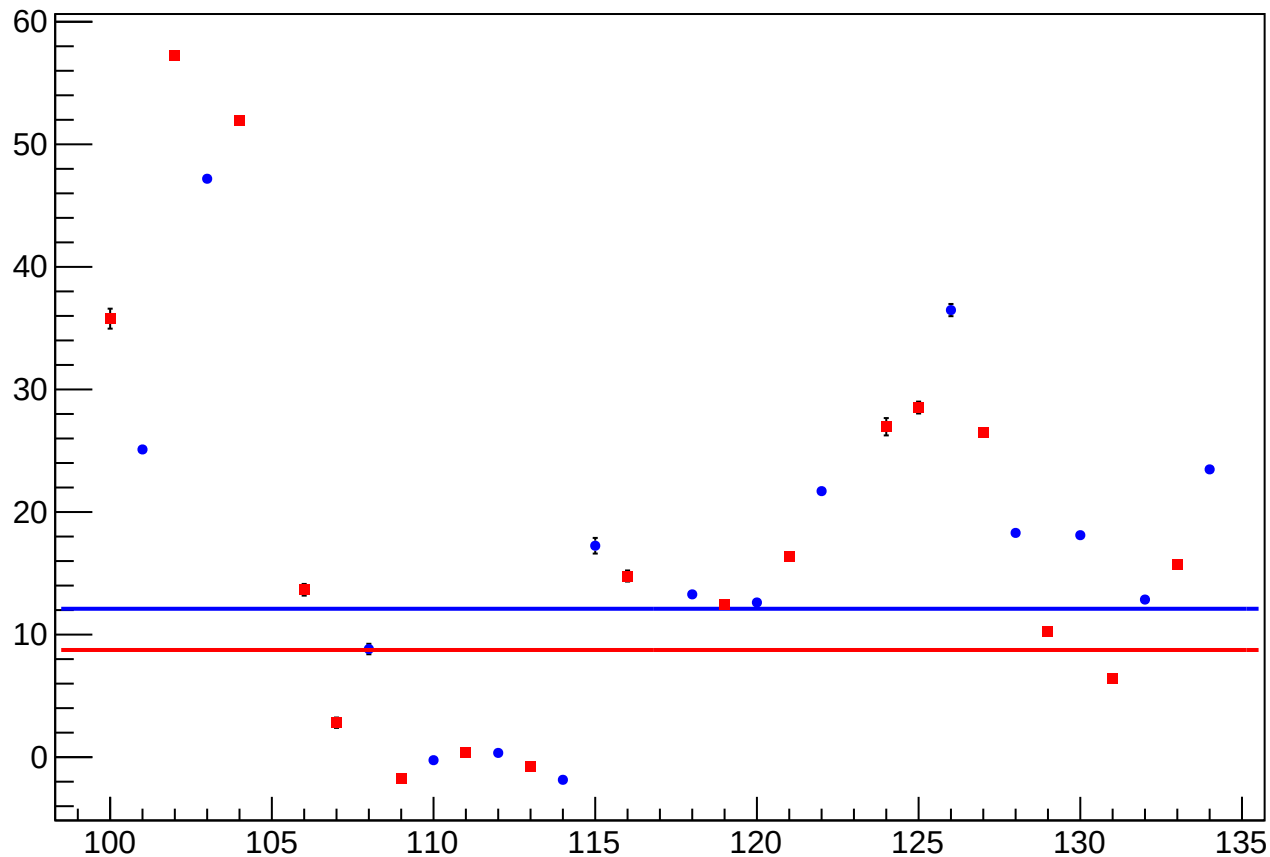
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.806 $\pm$ 0.045 χ^2 /NDF: 1819.7/31

- 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 ± 0.072 $\chi^2/\text{NDF}: 29046.9/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 8.745 ± 0.066 $\chi^2/\text{NDF}: 48993.2/16$

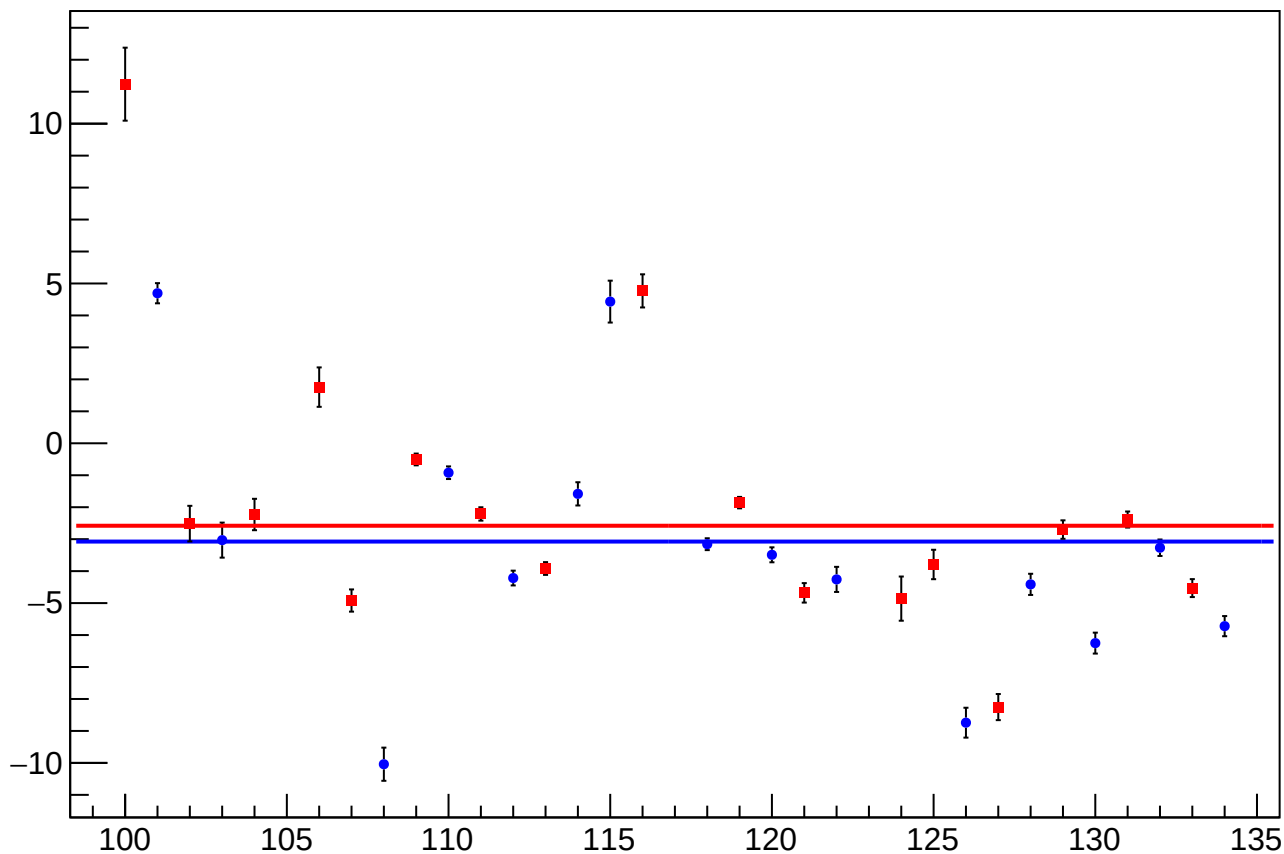
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 10.260 ± 0.049 $\chi^2/\text{NDF}: 79227.0/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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: -2.580 ± 0.072 χ^2/NDF : 941.0/16

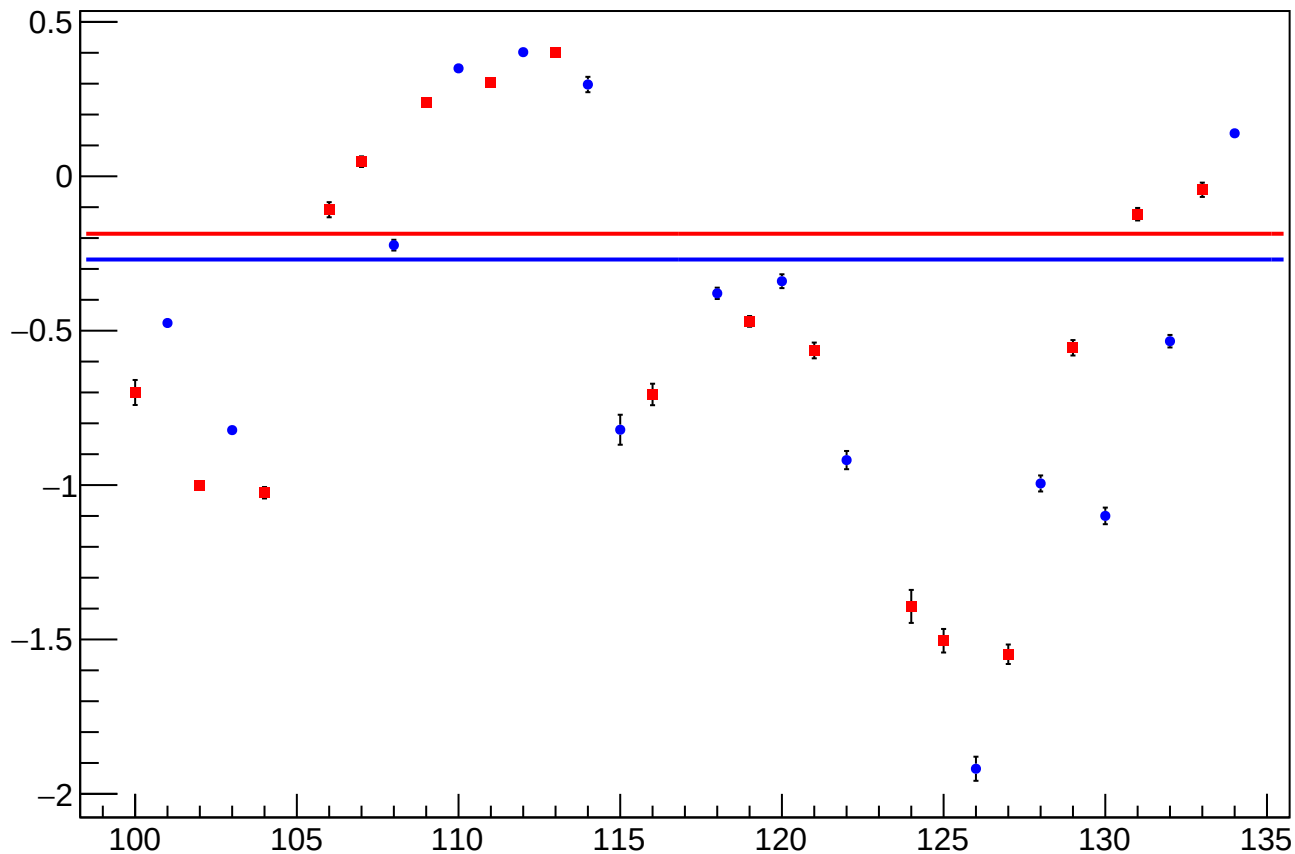
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.812 ± 0.052 χ^2/NDF : 2382.5/31

- 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: -0.186 ± 0.005 $\chi^2/\text{NDF}: 14572.5/16$

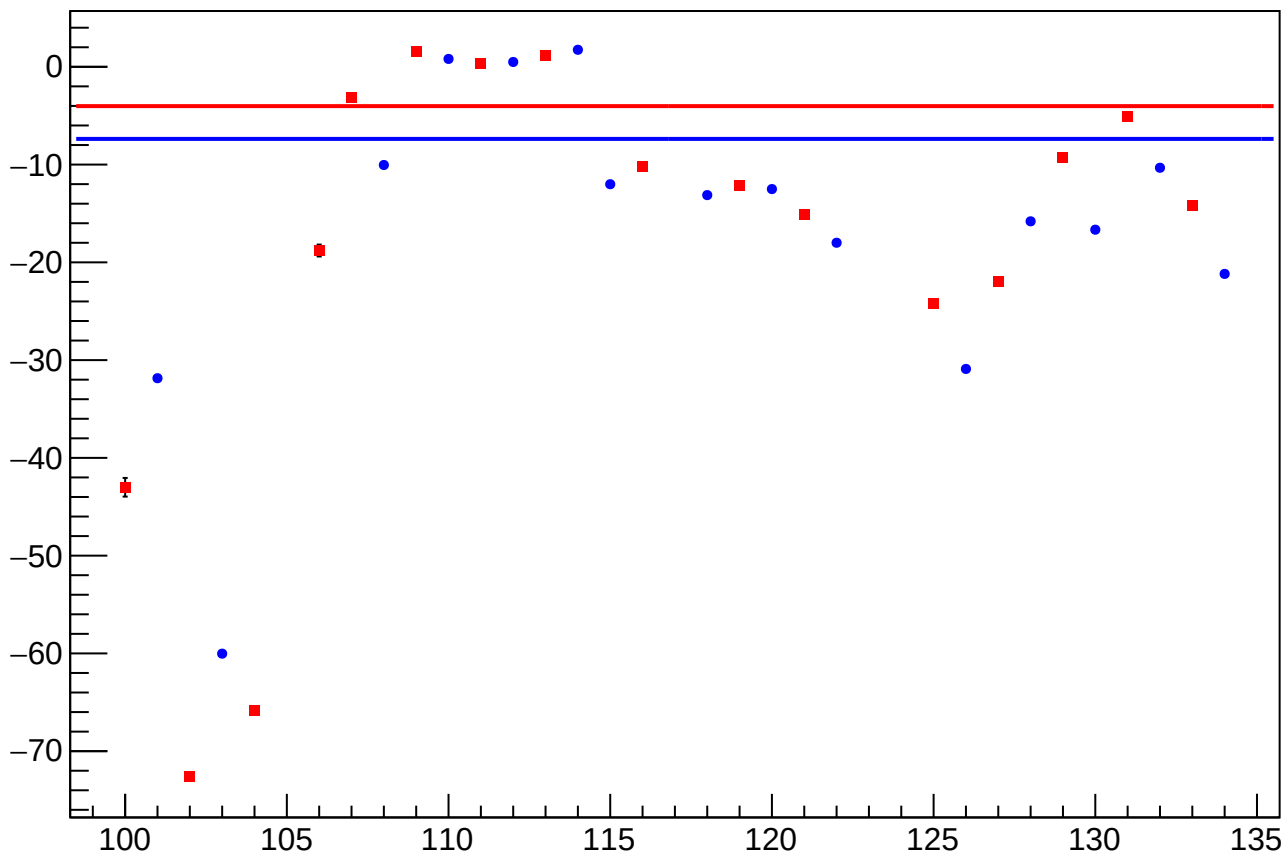
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.225 ± 0.003 $\chi^2/\text{NDF}: 26038.5/31$

- 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: -4.021 ± 0.048 χ^2/NDF : 61068.6/15

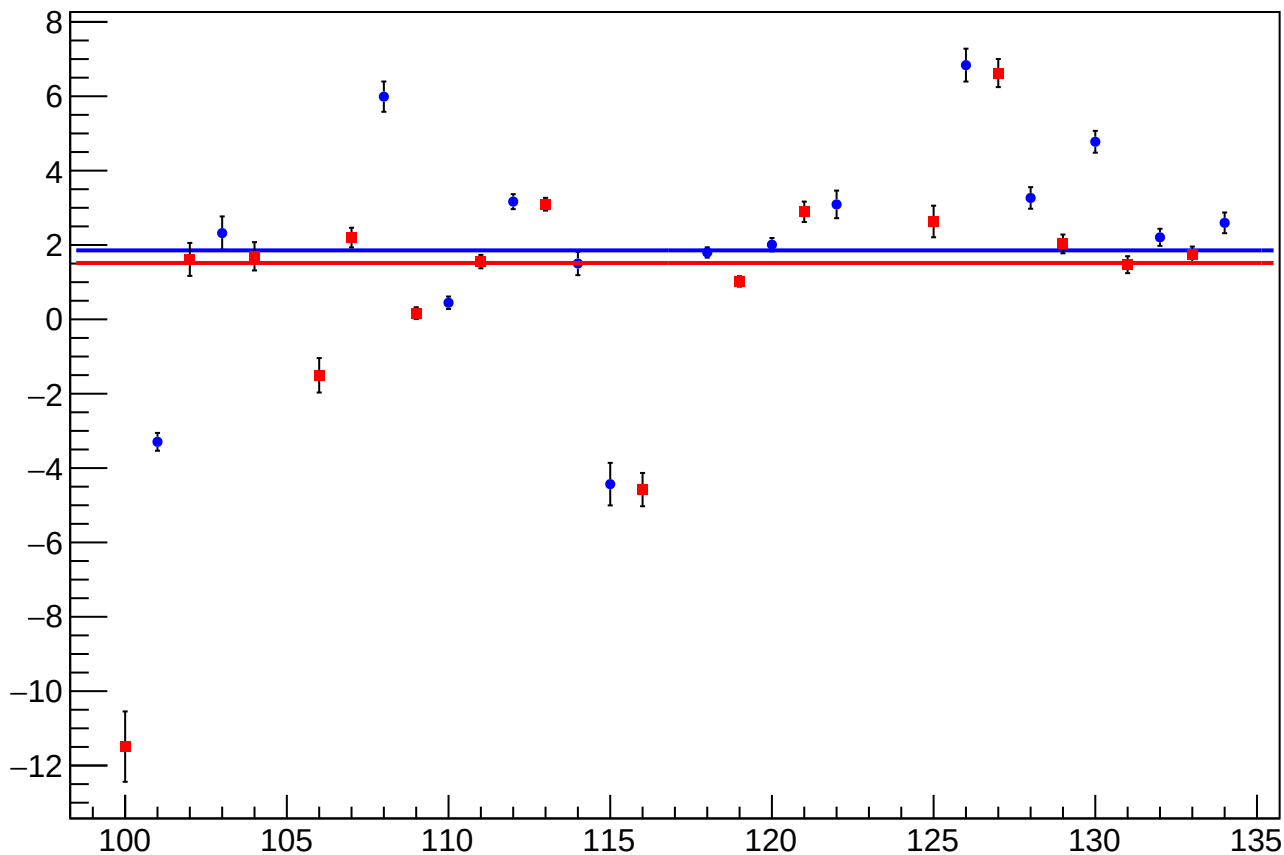
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.399 ± 0.037 χ^2/NDF : 105534.7/30

- 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 ± 0.063 χ^2/NDF : 1071.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.516 ± 0.060 χ^2/NDF : 812.6/15

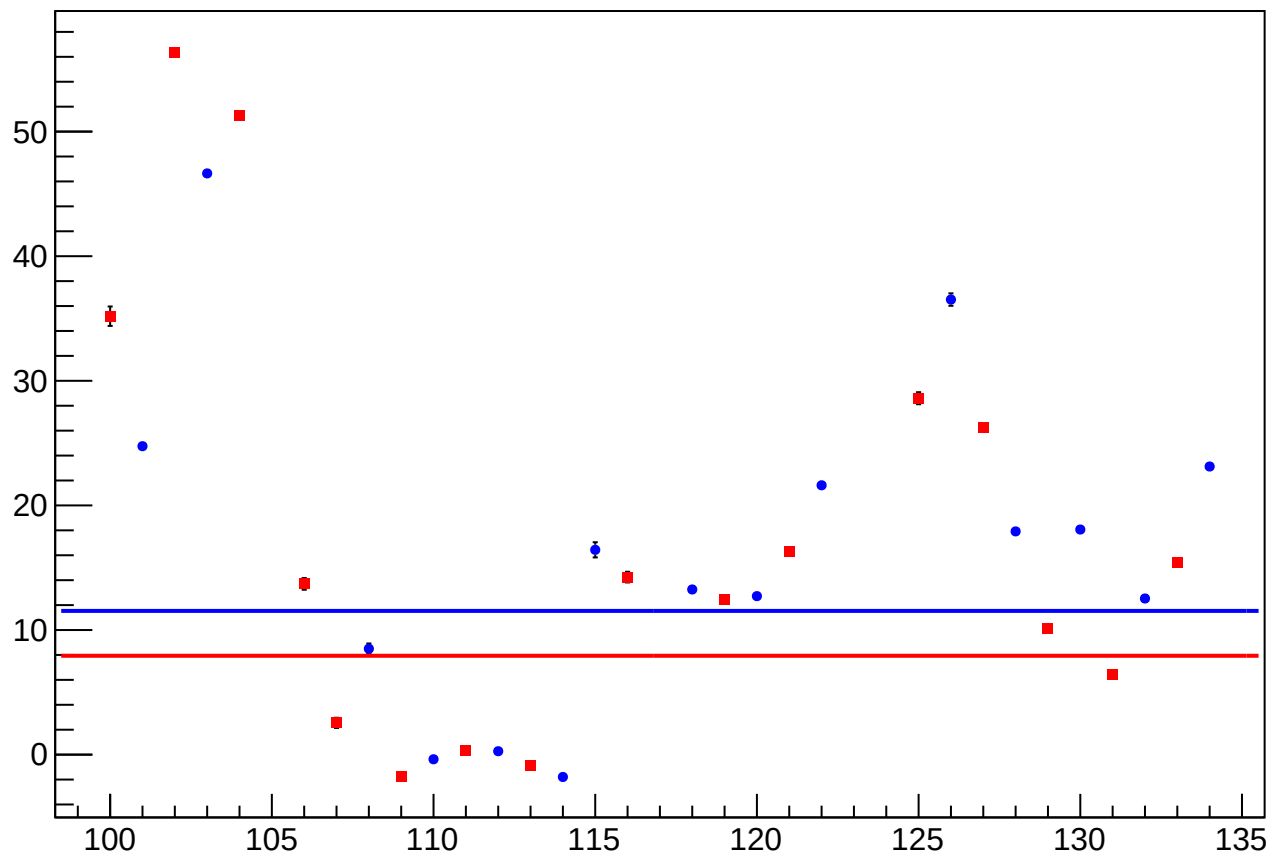
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.679 ± 0.044 χ^2/NDF : 1898.8/30

- sign 0.000 ± 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+/-0.070 χ^2/NDF : 30818.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.934+/-0.063 χ^2/NDF : 50671.8/15

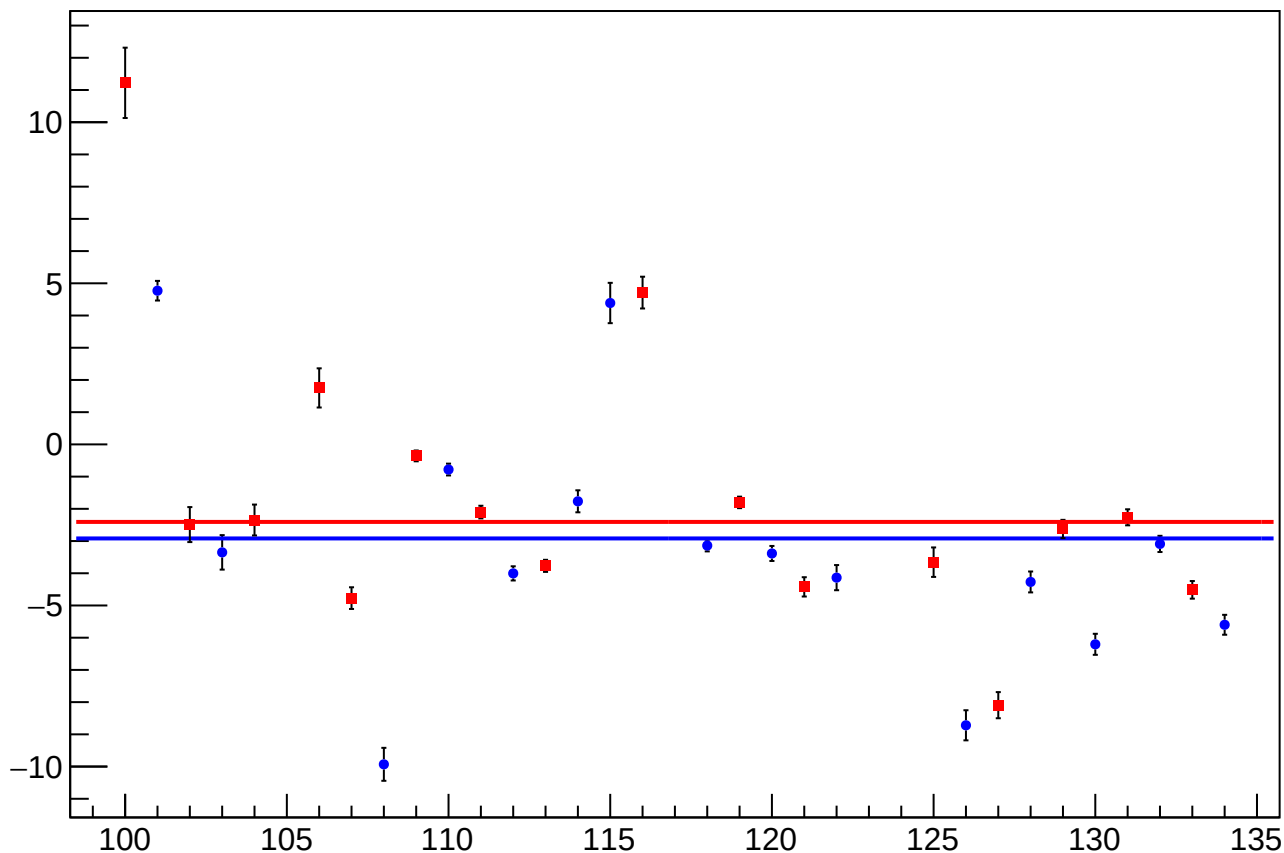
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.545+/-0.047 χ^2/NDF : 82963.2/30

- sign 0.000+/-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: -2.406 ± 0.069 χ^2/NDF : 985.1/15

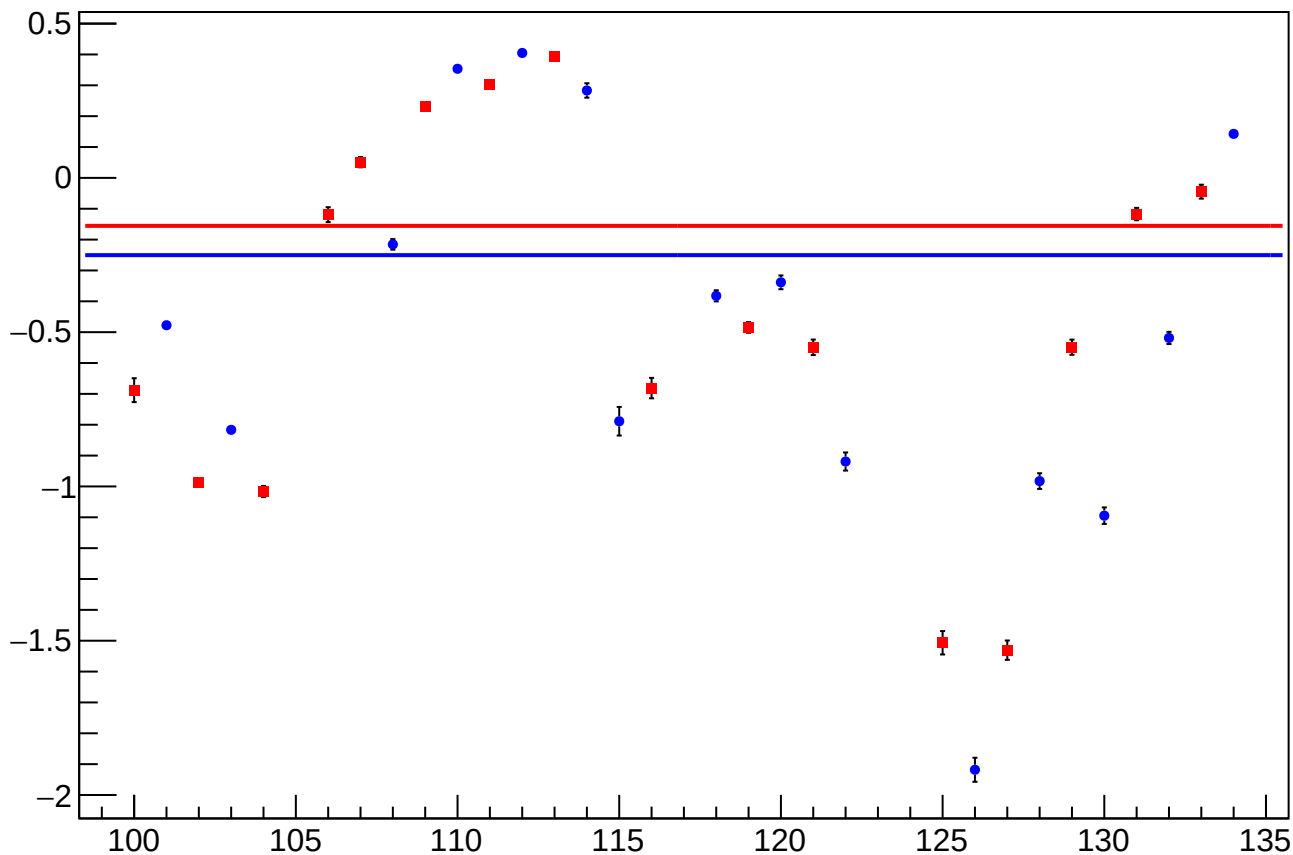
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.647 ± 0.050 χ^2/NDF : 2507.8/30

- 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 $\chi^2/\text{NDF}: 12022.6/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.155 ± 0.004 $\chi^2/\text{NDF}: 14784.1/15$

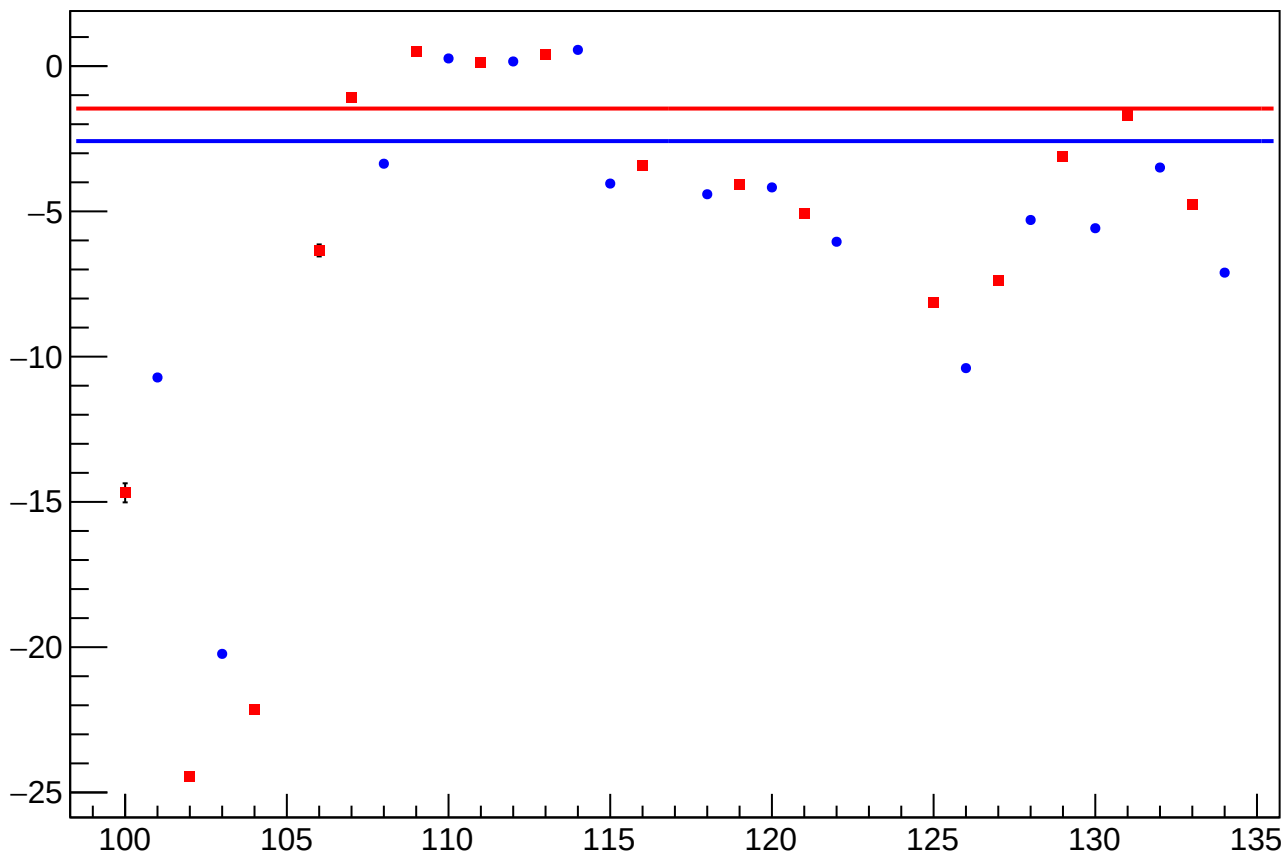
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.200 ± 0.003 $\chi^2/\text{NDF}: 27017.8/30$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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: -1.461 ± 0.017 χ^2/NDF : 59607.3/15

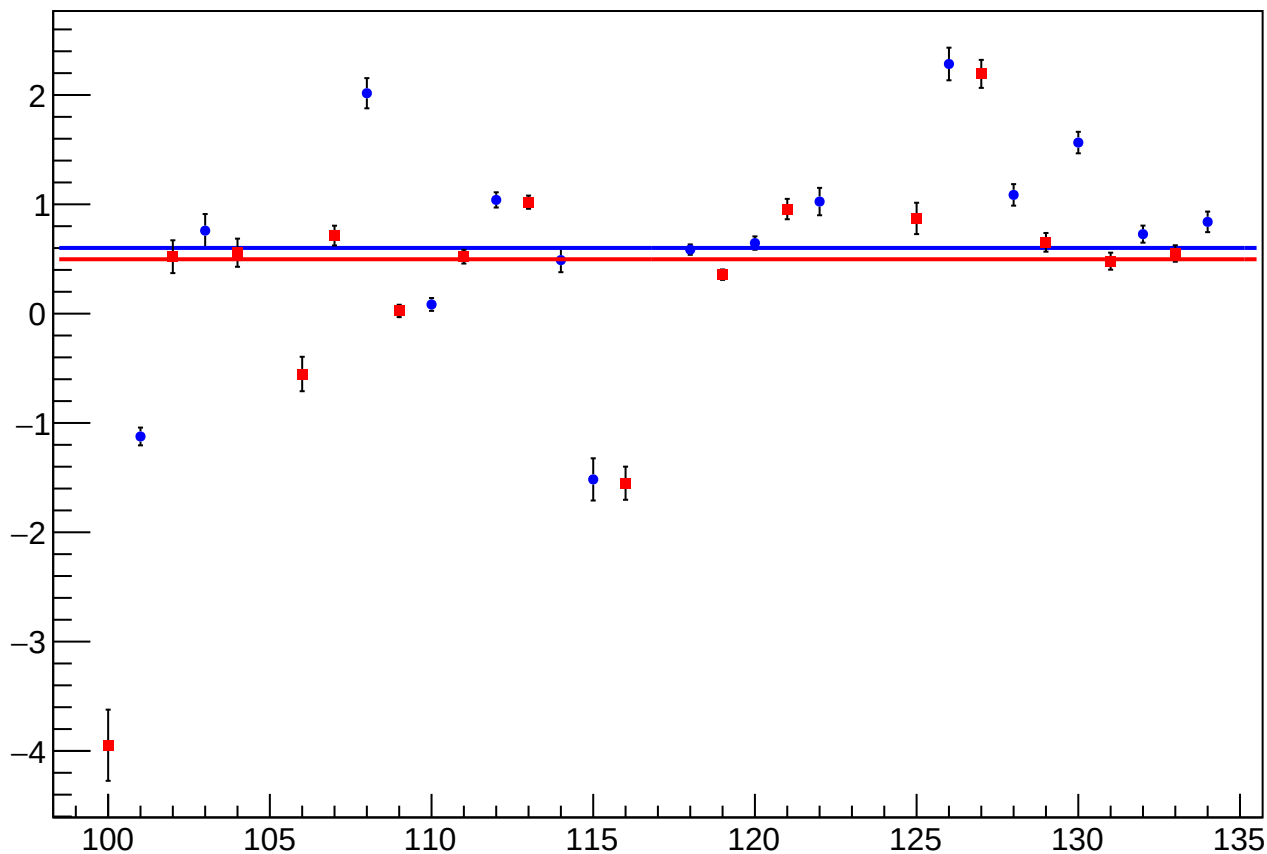
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.928 ± 0.013 χ^2/NDF : 102660.0/30

- 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: 0.497 $\pm$ 0.021 χ^2 /NDF: 783.9/15

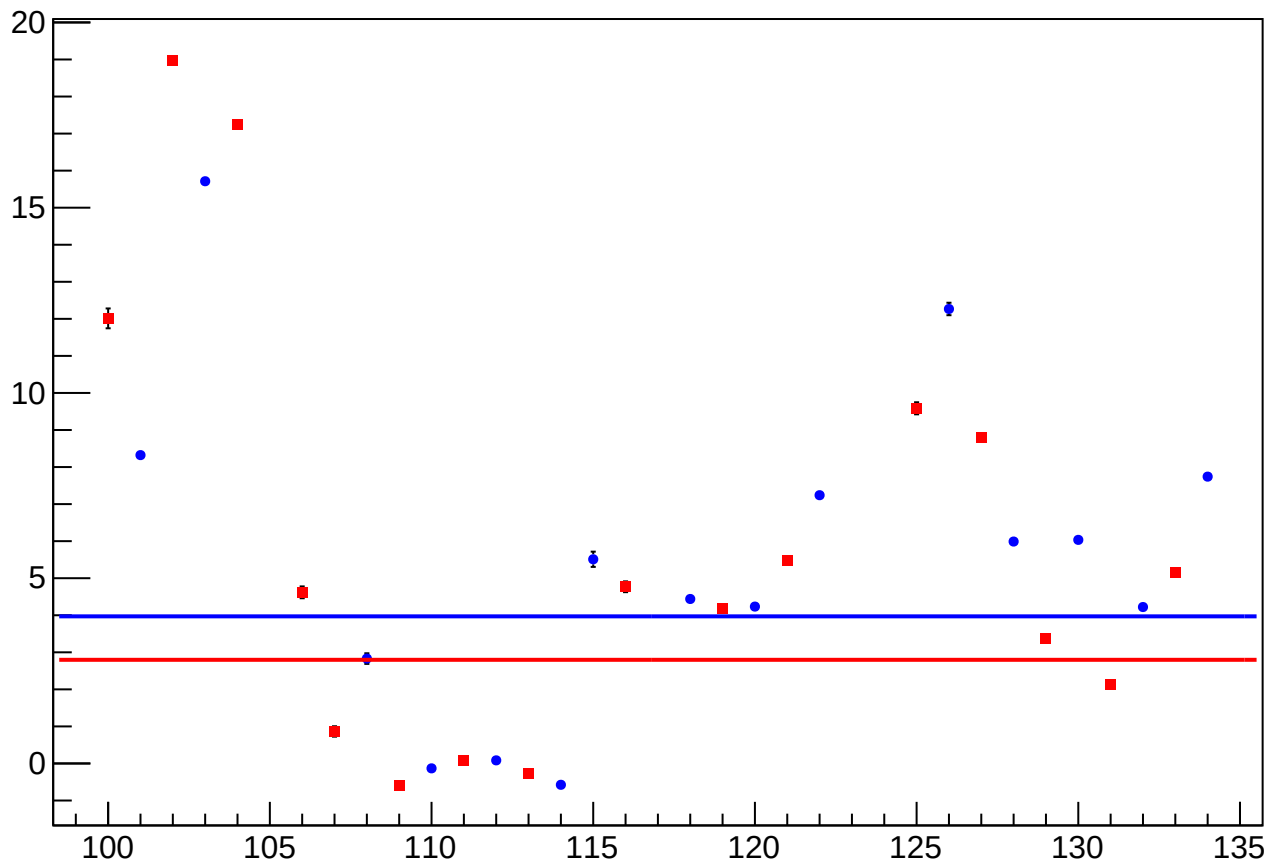
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.548 $\pm$ 0.015 χ^2 /NDF: 1859.0/30

- 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: 2.798+/-0.022 χ^2/NDF : 49178.0/15

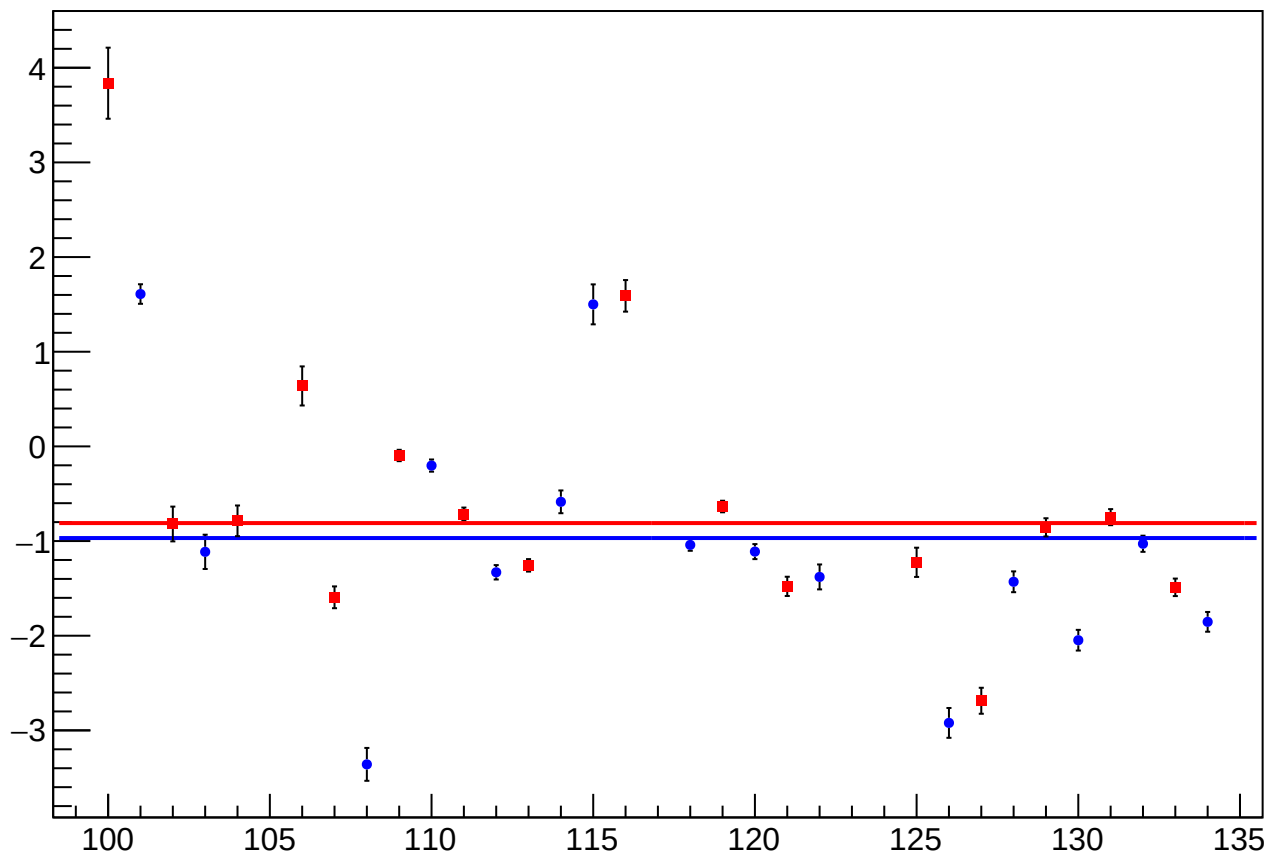
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.329+/-0.016 χ^2/NDF : 80218.1/30

- 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: -0.810 ± 0.024 χ^2/NDF : 946.0/15

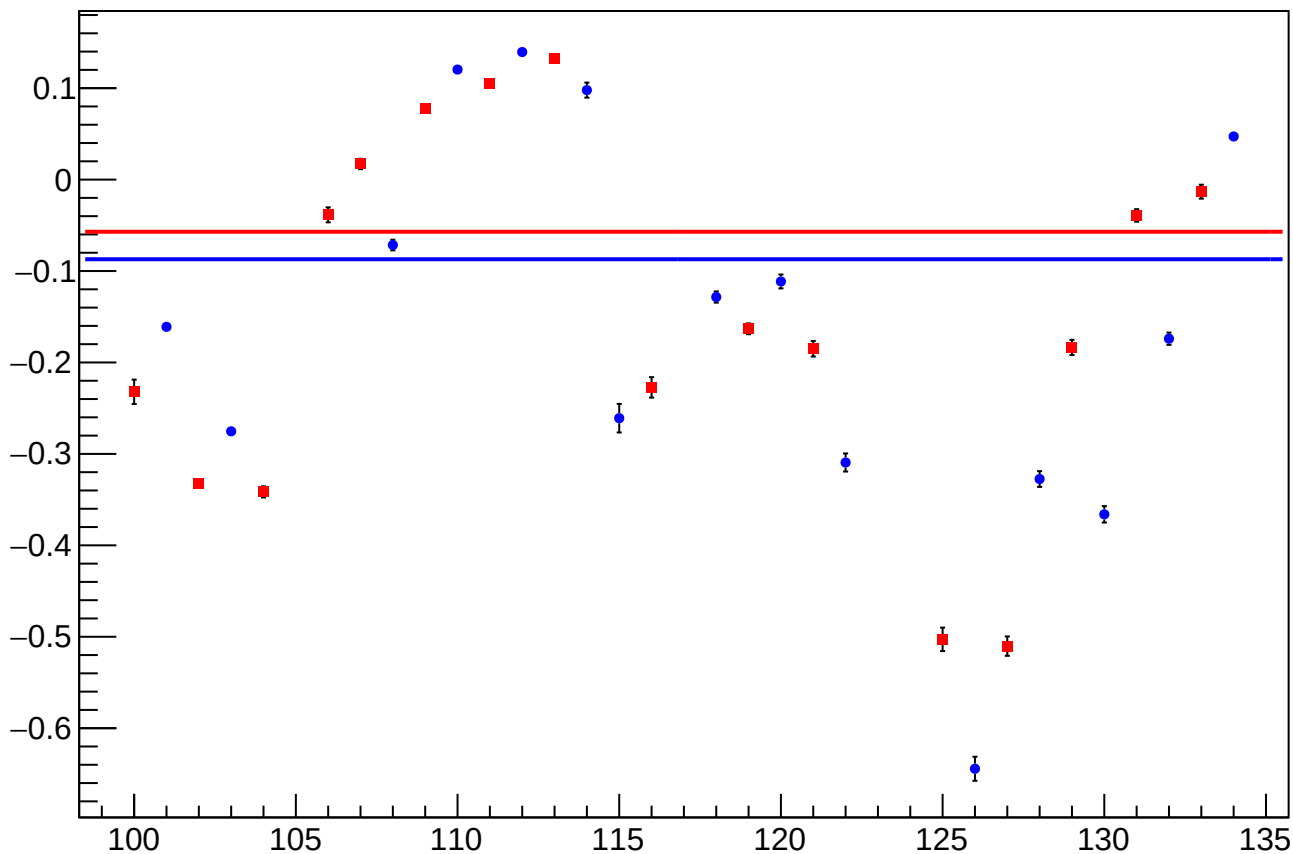
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.885 ± 0.017 χ^2/NDF : 2446.0/30

- 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 χ^2/NDF : 11685.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.057 ± 0.002 χ^2/NDF : 14223.5/15

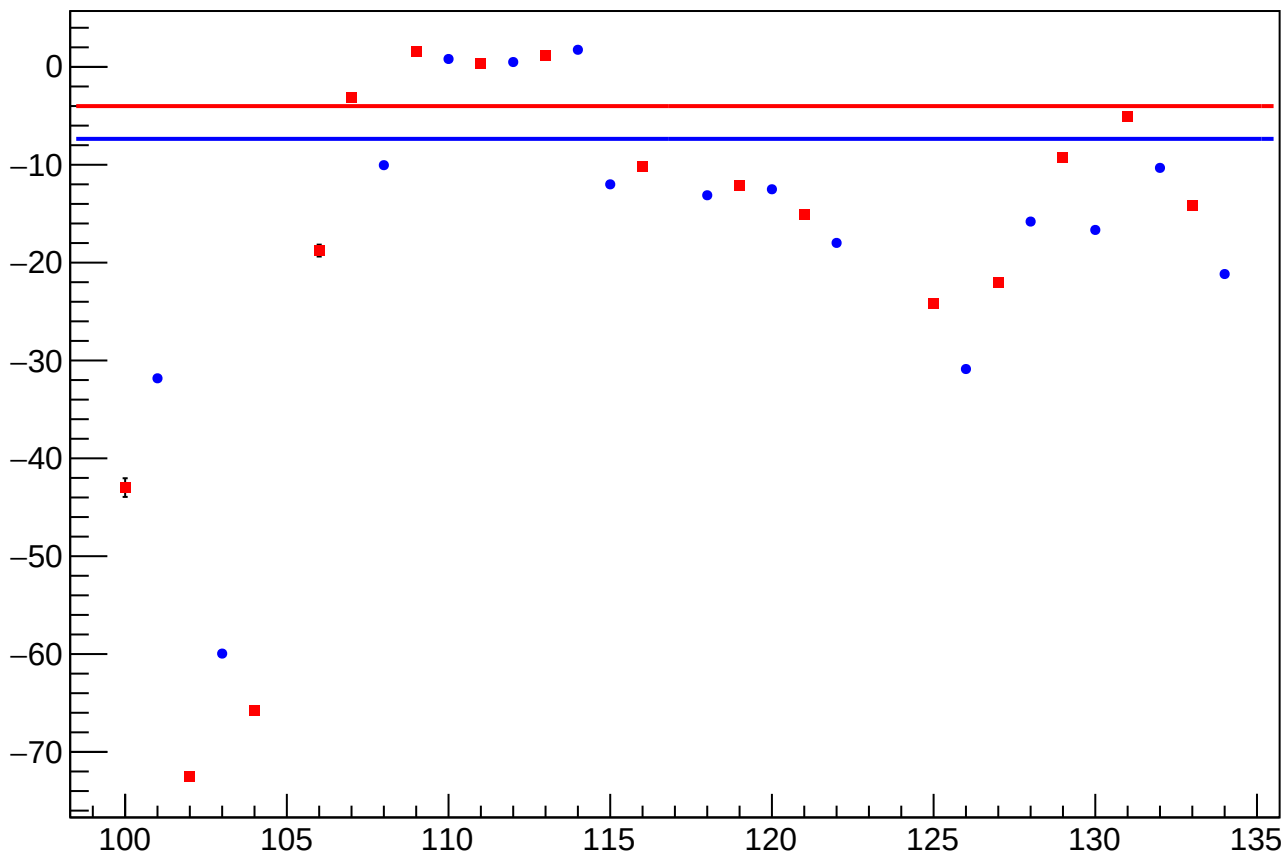
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.071 ± 0.001 χ^2/NDF : 26088.7/30

- sign 0.000 ± 0.000 χ^2/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: -4.005+/-0.048 χ^2/NDF : 61102.4/15

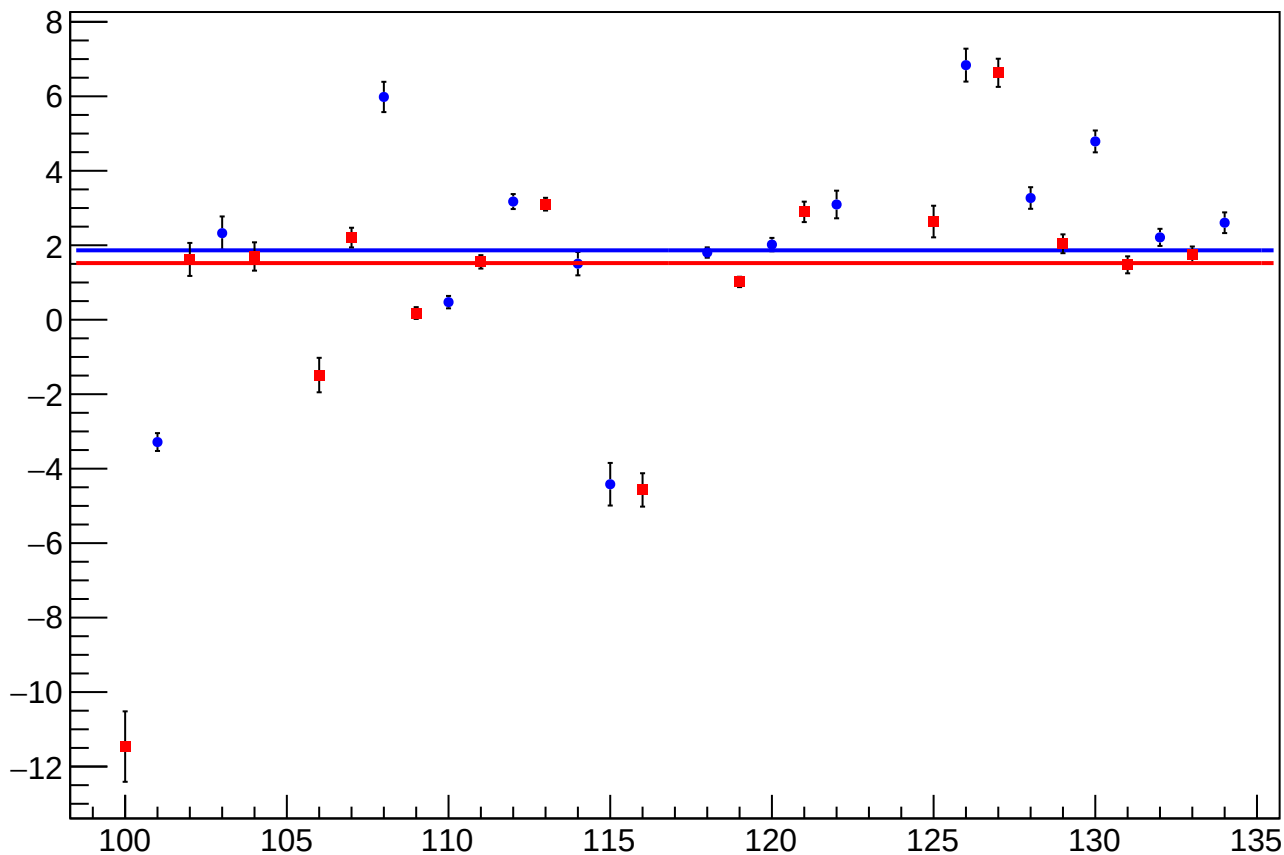
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.381+/-0.037 χ^2/NDF : 105604.4/30

- 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+/-0.063 χ^2/NDF : 1069.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.521+/-0.060 χ^2/NDF : 812.7/15

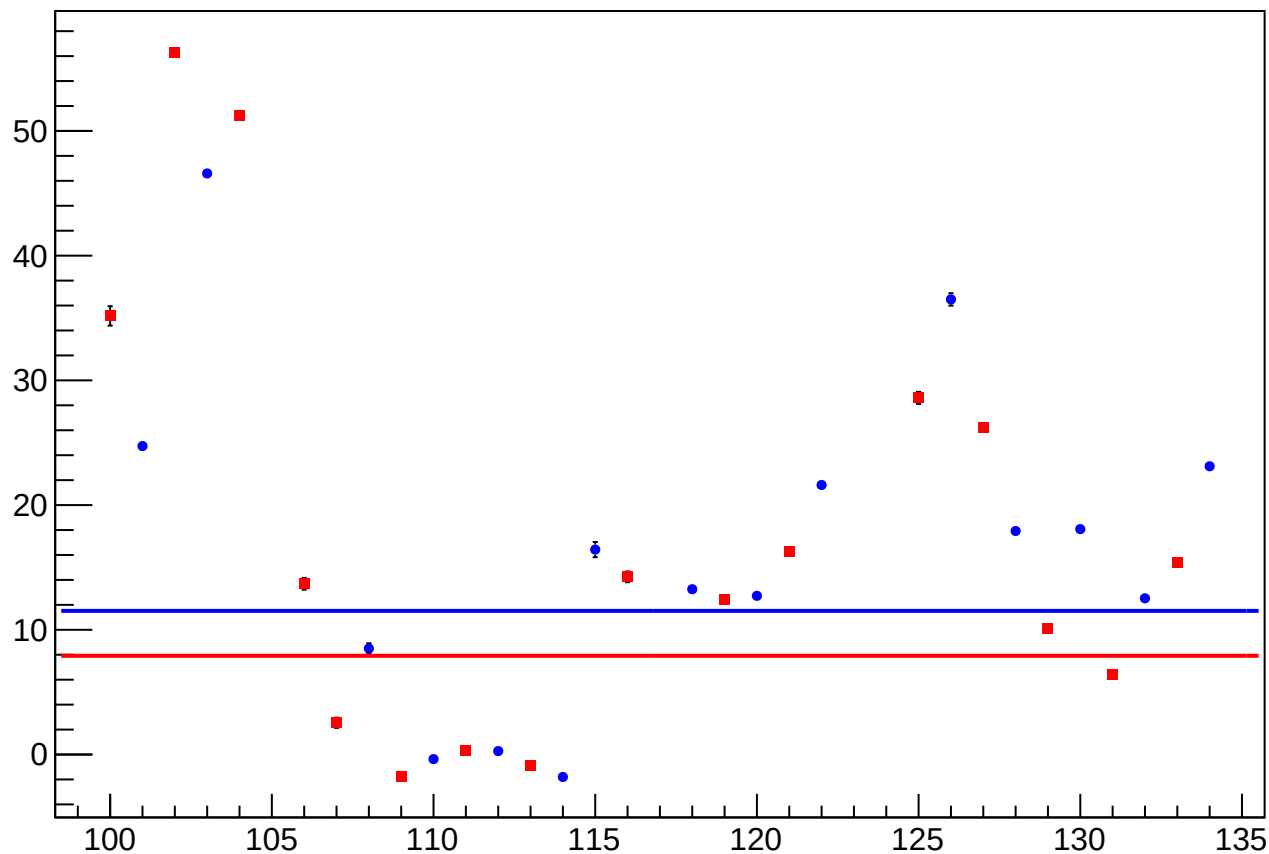
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.685+/-0.044 χ^2/NDF : 1897.7/30

- sign 0.000+/-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+/-0.070 χ^2/NDF : 30849.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.918+/-0.063 χ^2/NDF : 50704.3/15

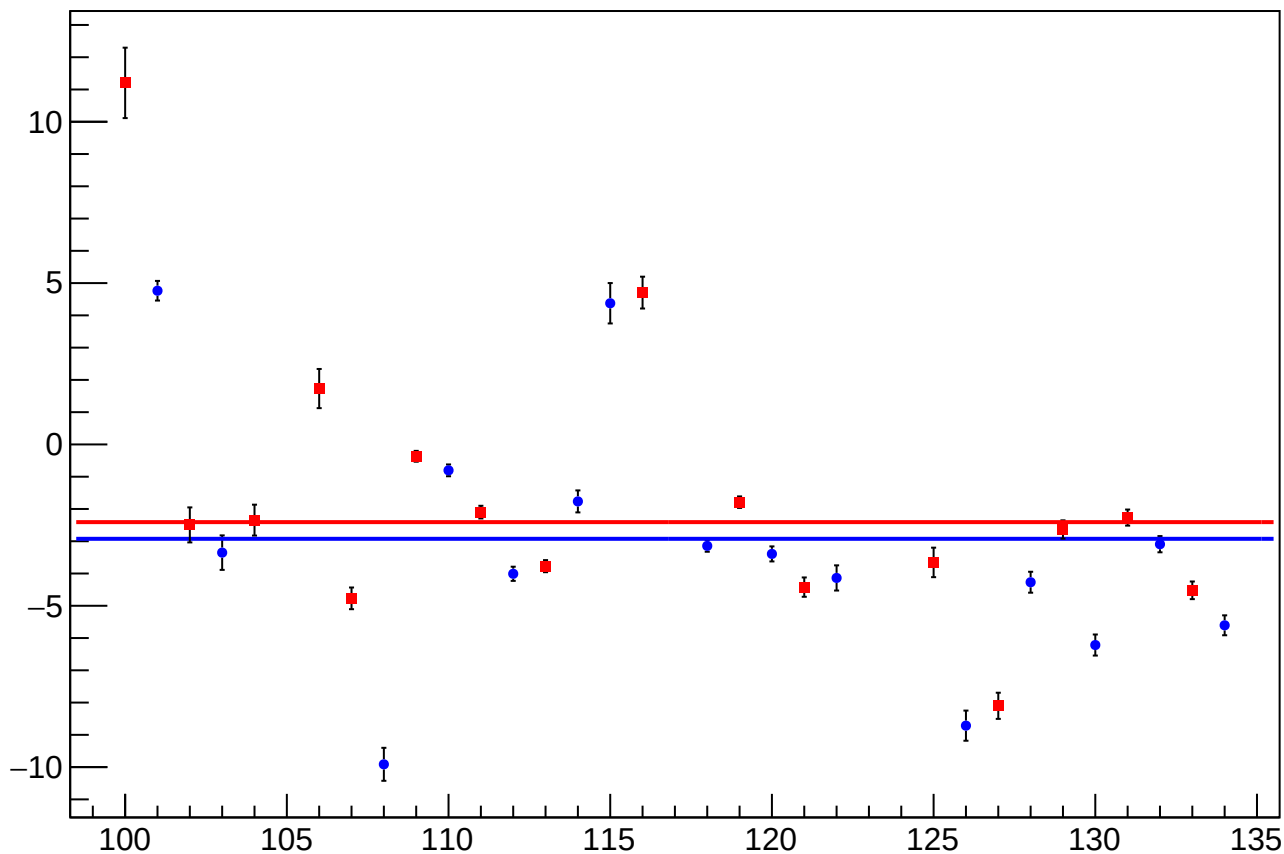
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.528+/-0.047 χ^2/NDF : 83028.9/30

- sign 0.000+/-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: -2.408 ± 0.069 χ^2/NDF : 985.4/15

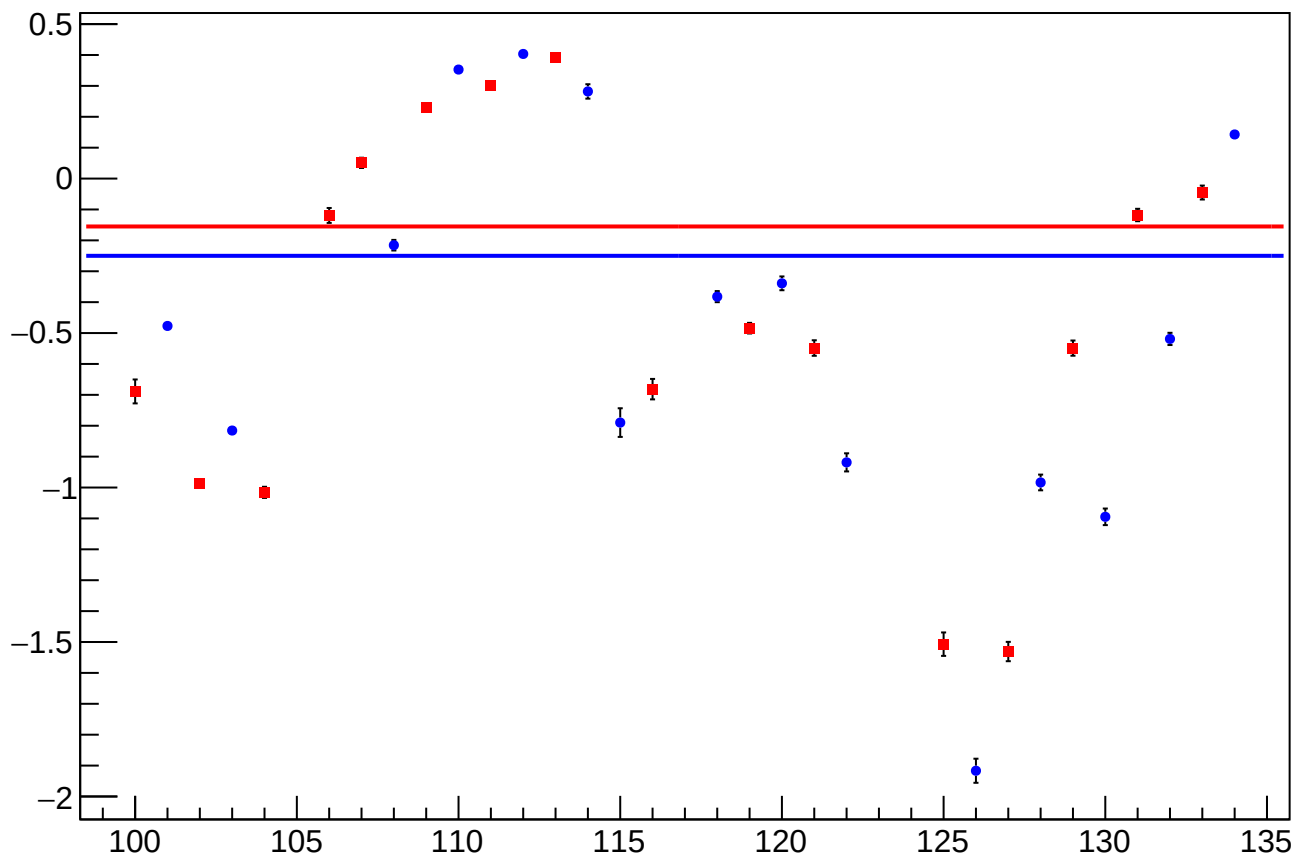
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.650 ± 0.050 χ^2/NDF : 2507.0/30

- 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 $\chi^2/\text{NDF}: 12023.1/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.155 ± 0.004 $\chi^2/\text{NDF}: 14795.8/15$

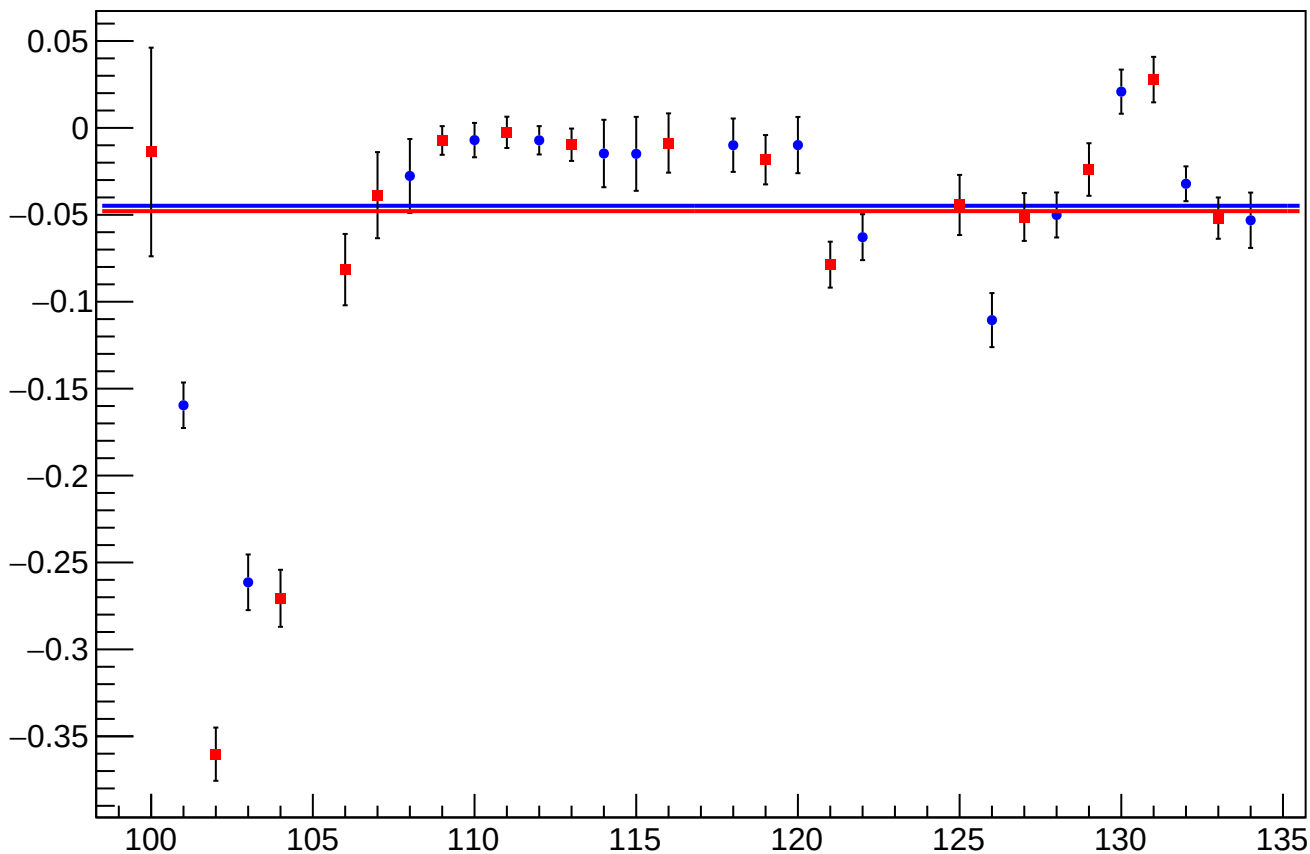
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.199 ± 0.003 $\chi^2/\text{NDF}: 27030.7/30$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_bcm_an_us_an_ds_dd_diff_bpm1X_slope vs Slug



Right In: -0.045+/-0.003 χ^2 /NDF: 359.0/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.048+/-0.003 χ^2 /NDF: 721.6/15

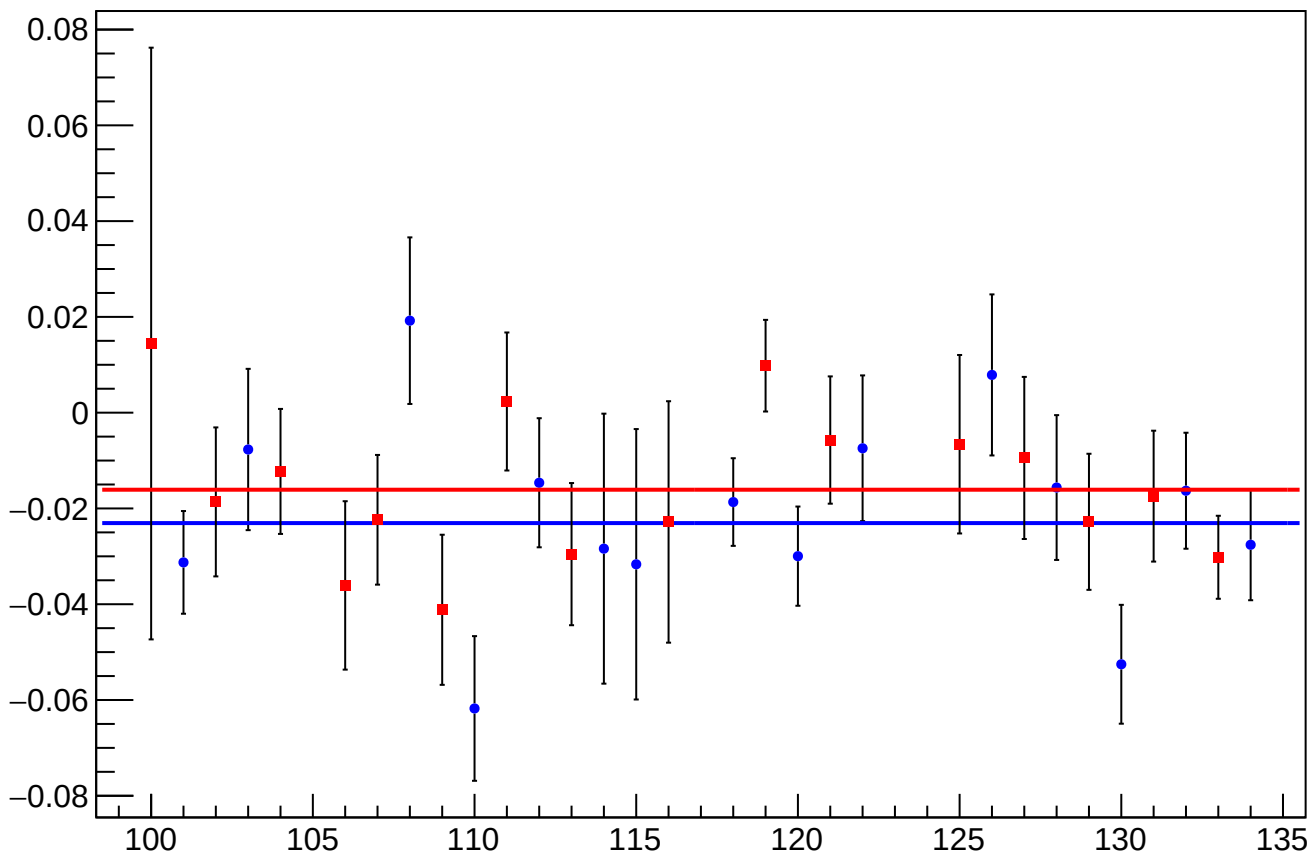
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.046+/-0.002 χ^2 /NDF: 1081.0/30

- sign 0.000+/-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: -0.016+/-0.004 χ^2/NDF : 18.2/15

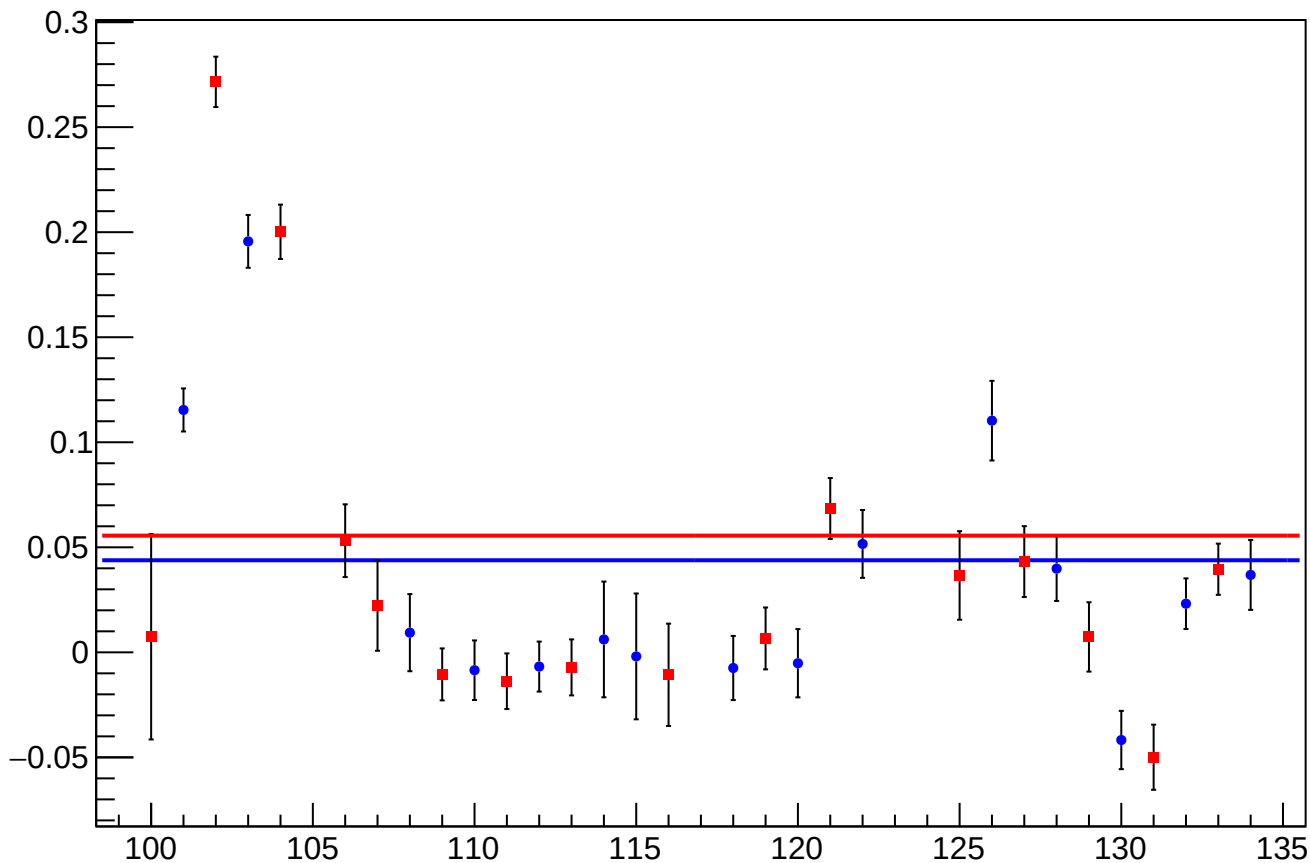
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.020+/-0.002 χ^2/NDF : 46.0/30

- 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: 0.056 $\pm$ 0.004 χ^2 /NDF: 607.8/15

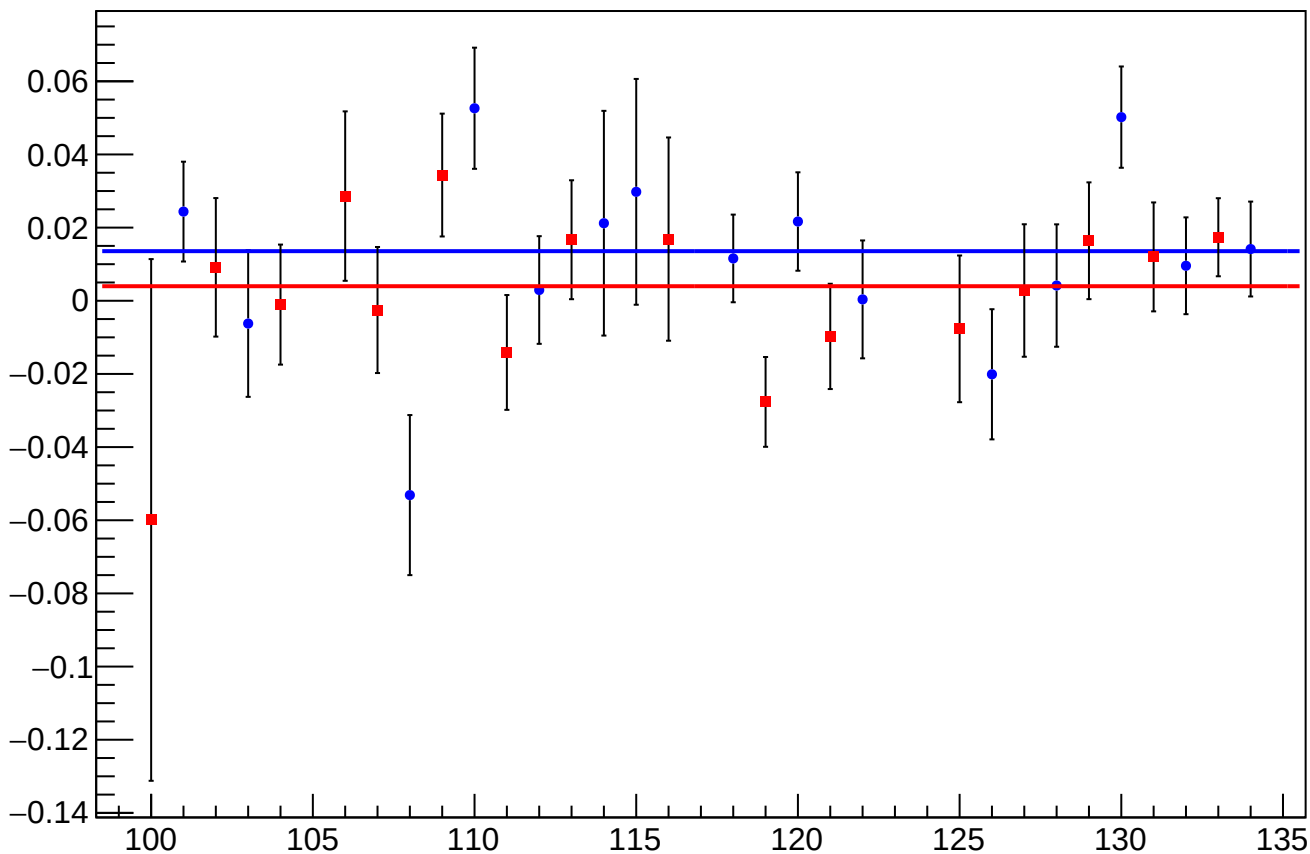
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.050 $\pm$ 0.003 χ^2 /NDF: 920.5/30

- 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: 0.004 $\pm$ 0.004 χ^2 /NDF: 18.0/15

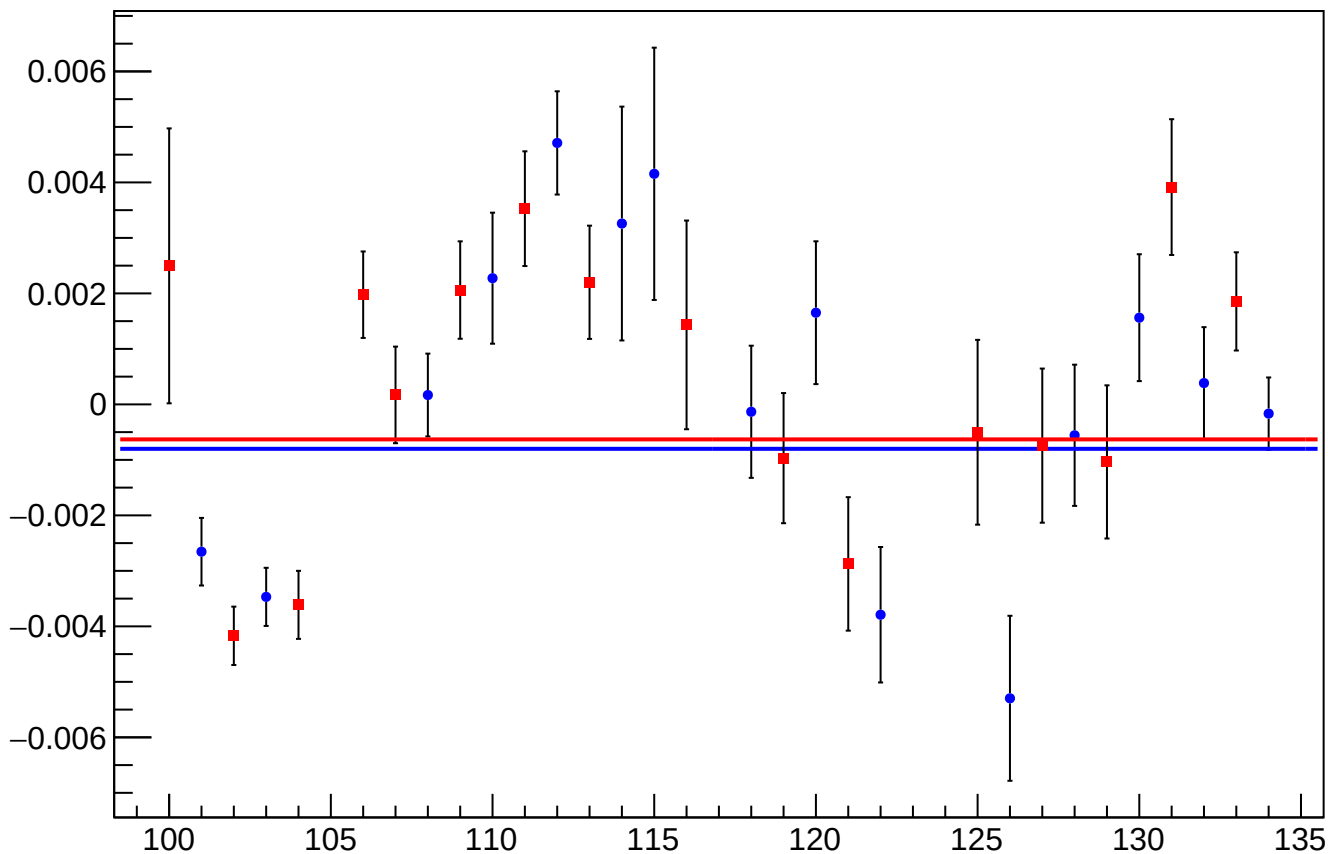
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.003 χ^2 /NDF: 50.1/30

- 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 $\pm$ 0.000 χ^2 /NDF: 113.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.000 χ^2 /NDF: 142.5/15

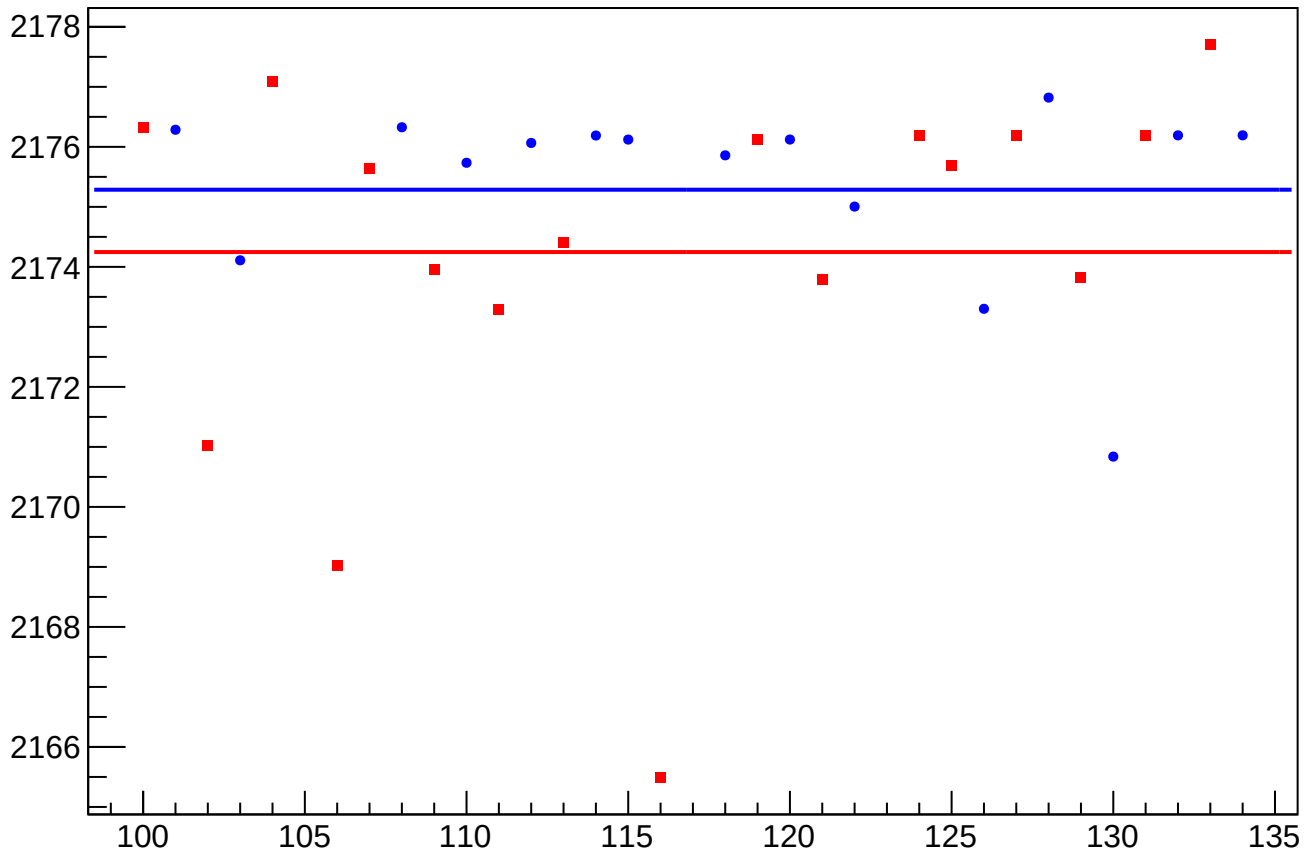
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.000 χ^2 /NDF: 255.7/30

- sign 0.000 $\pm$ 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

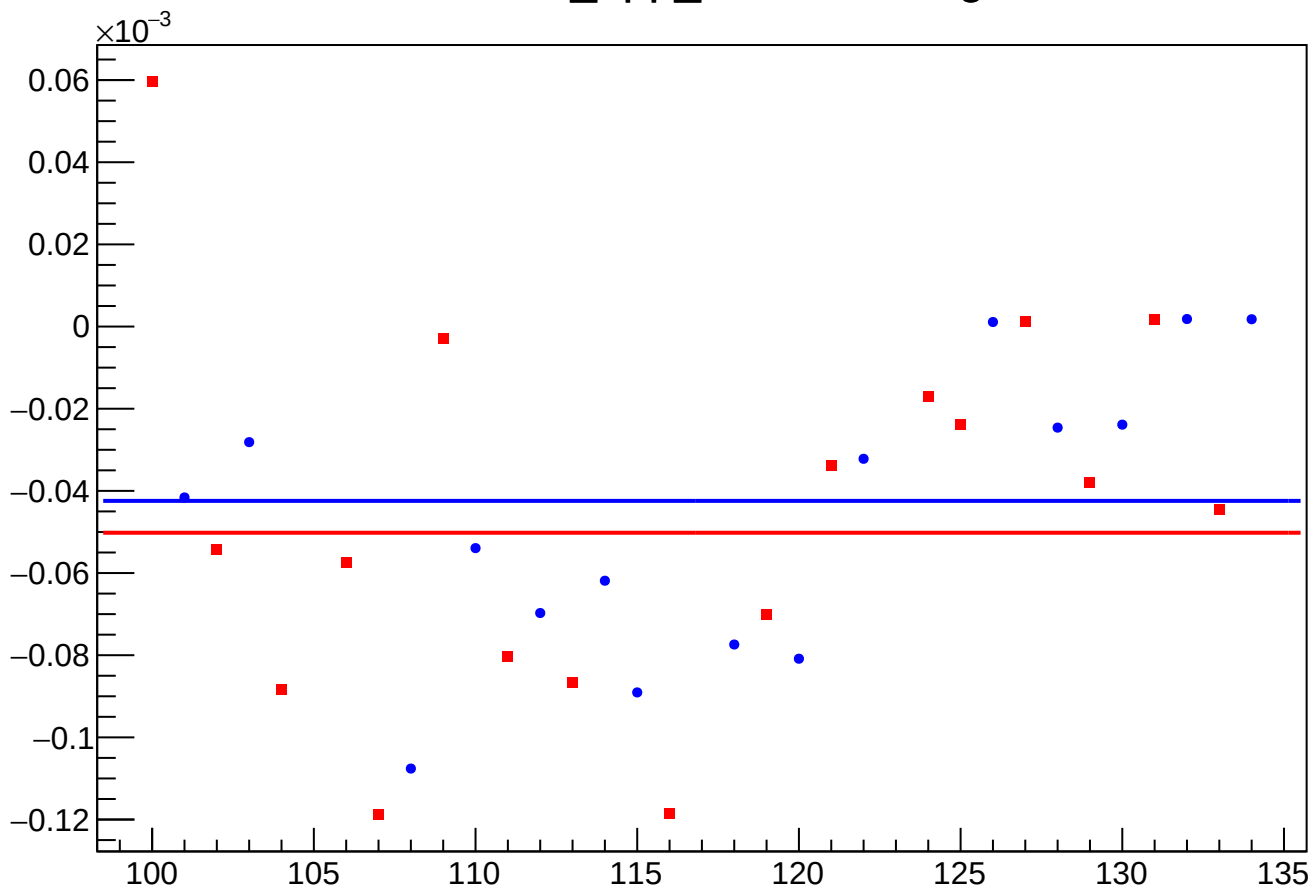
All: 2174.752 $\pm$ 0.000 χ^2 /NDF: 75522229879

Right Out: 2174.247 $\pm$ 0.000 χ^2 /NDF: 5463910188575705856848253230776320.0/16

- 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

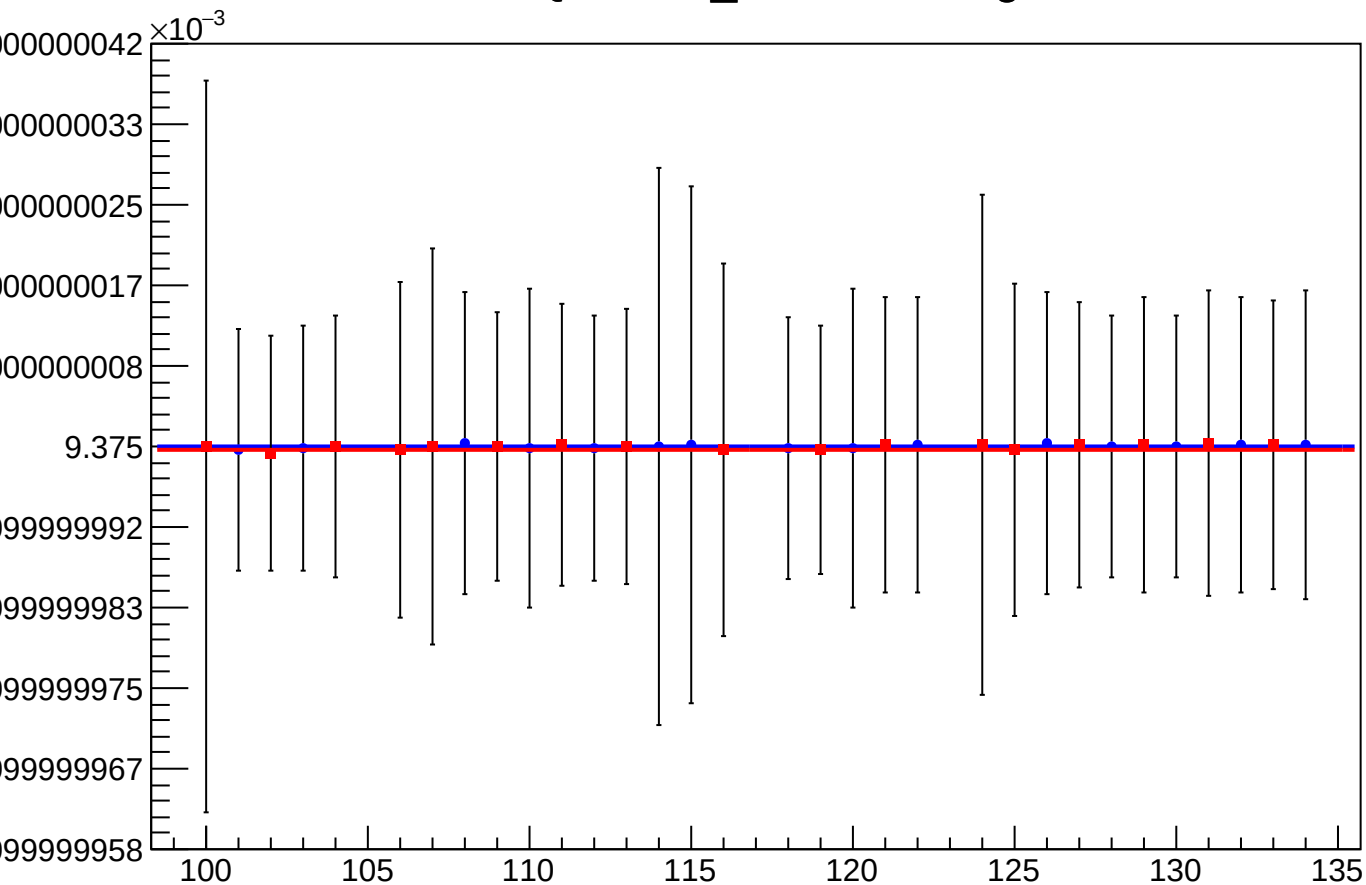
All: -0.000+/-0.000 χ^2/NDF : 1630099906799

Right Out: -0.000+/-0.000 χ^2/NDF : 943247573086077567631360.0/16

- 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: 0.0/16

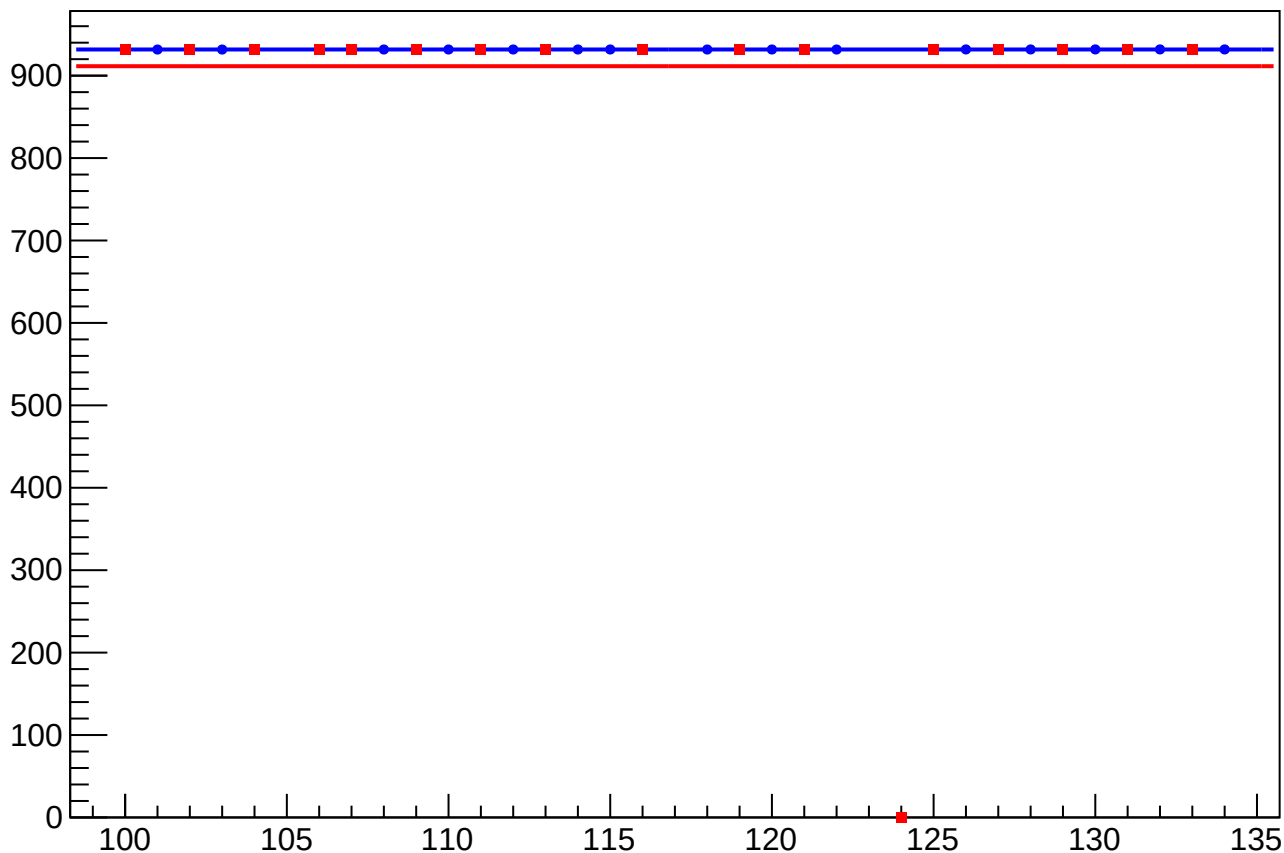
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/31

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

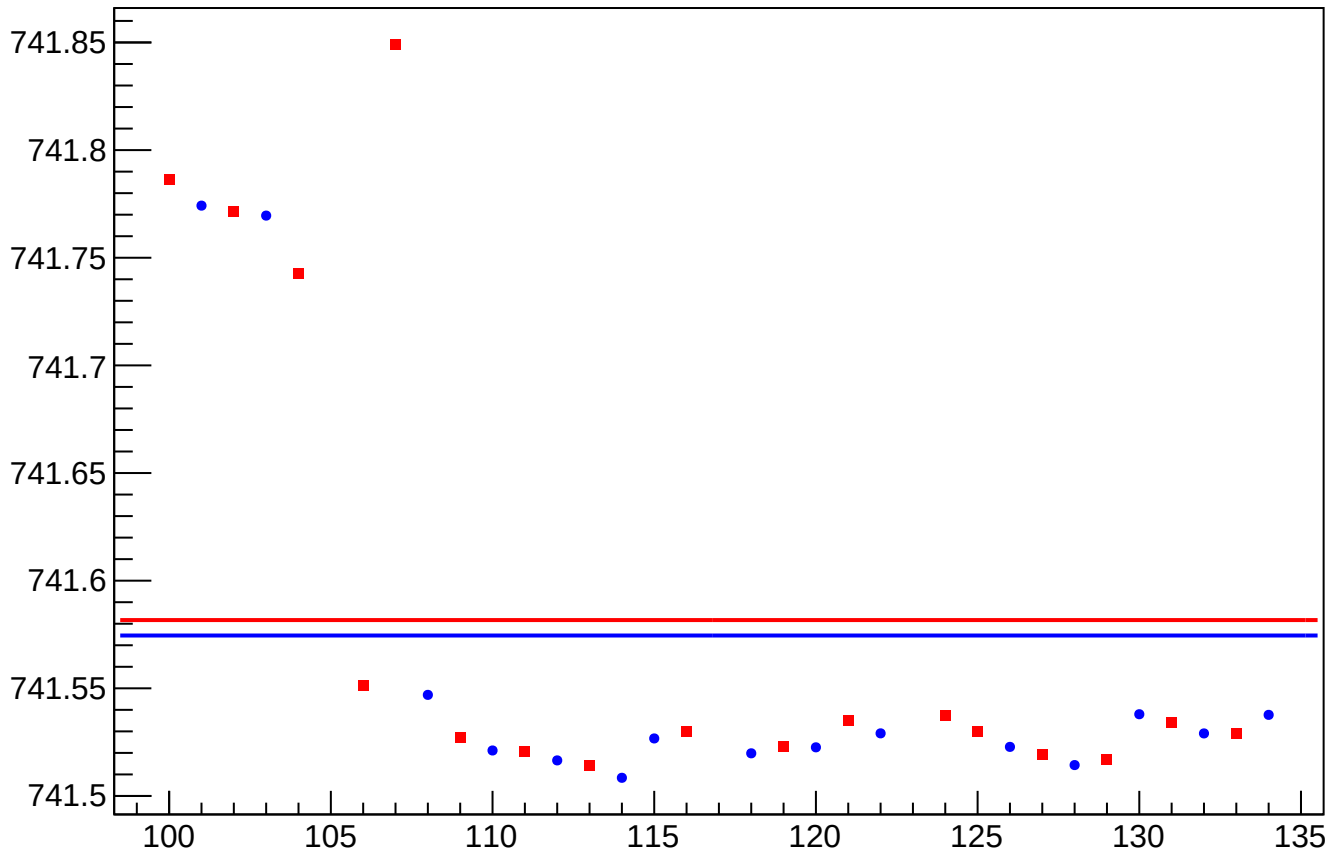
All: 921.324+/-0.000 χ^2/NDF : 128758373552

Right Out: 911.469+/-0.000 χ^2/NDF : 12738075222279573443672087725139296256.0/16

- 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

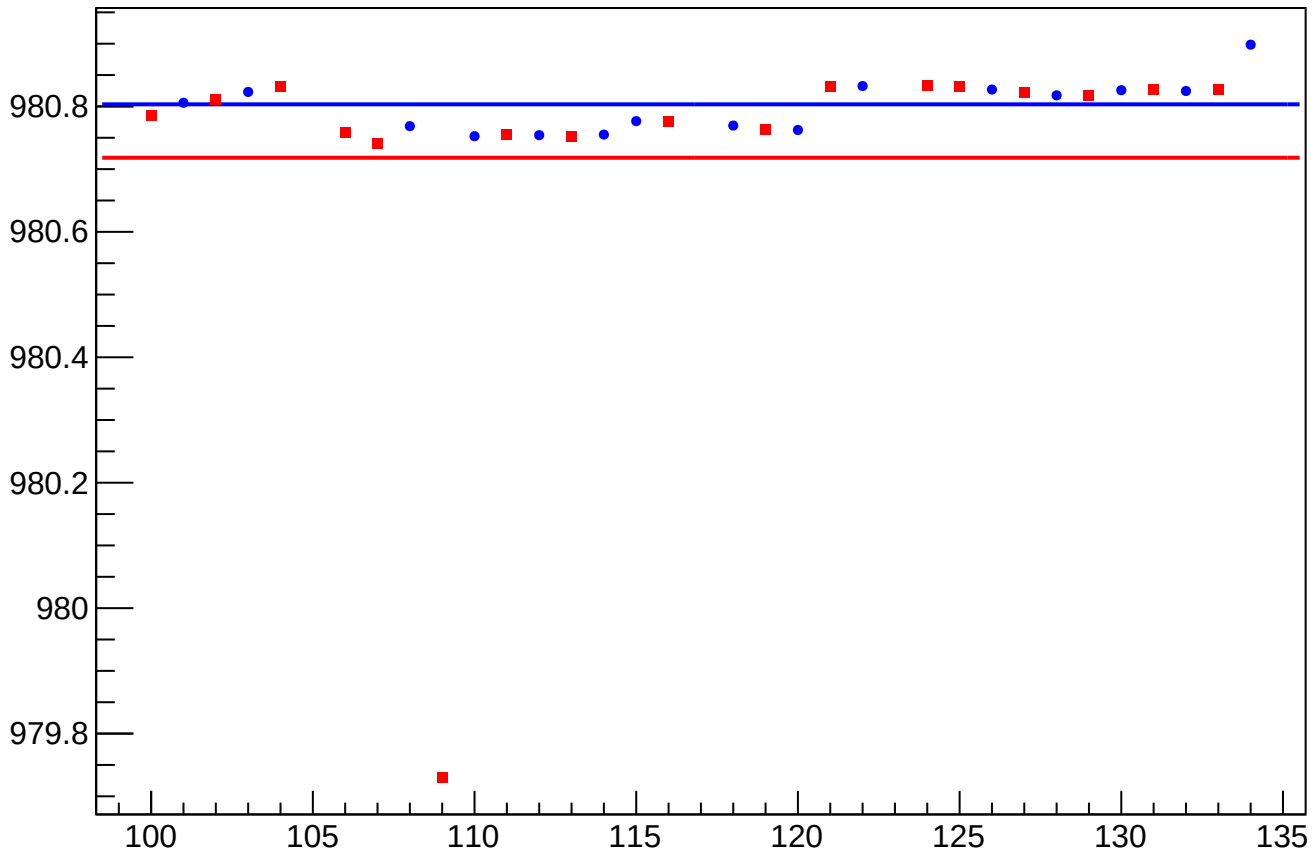
All: 741.578+/-0.000 χ^2/NDF : 137940131380

Right Out: 741.582+/-0.000 χ^2/NDF : 7516438755858722986707988250624.0/16

- 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

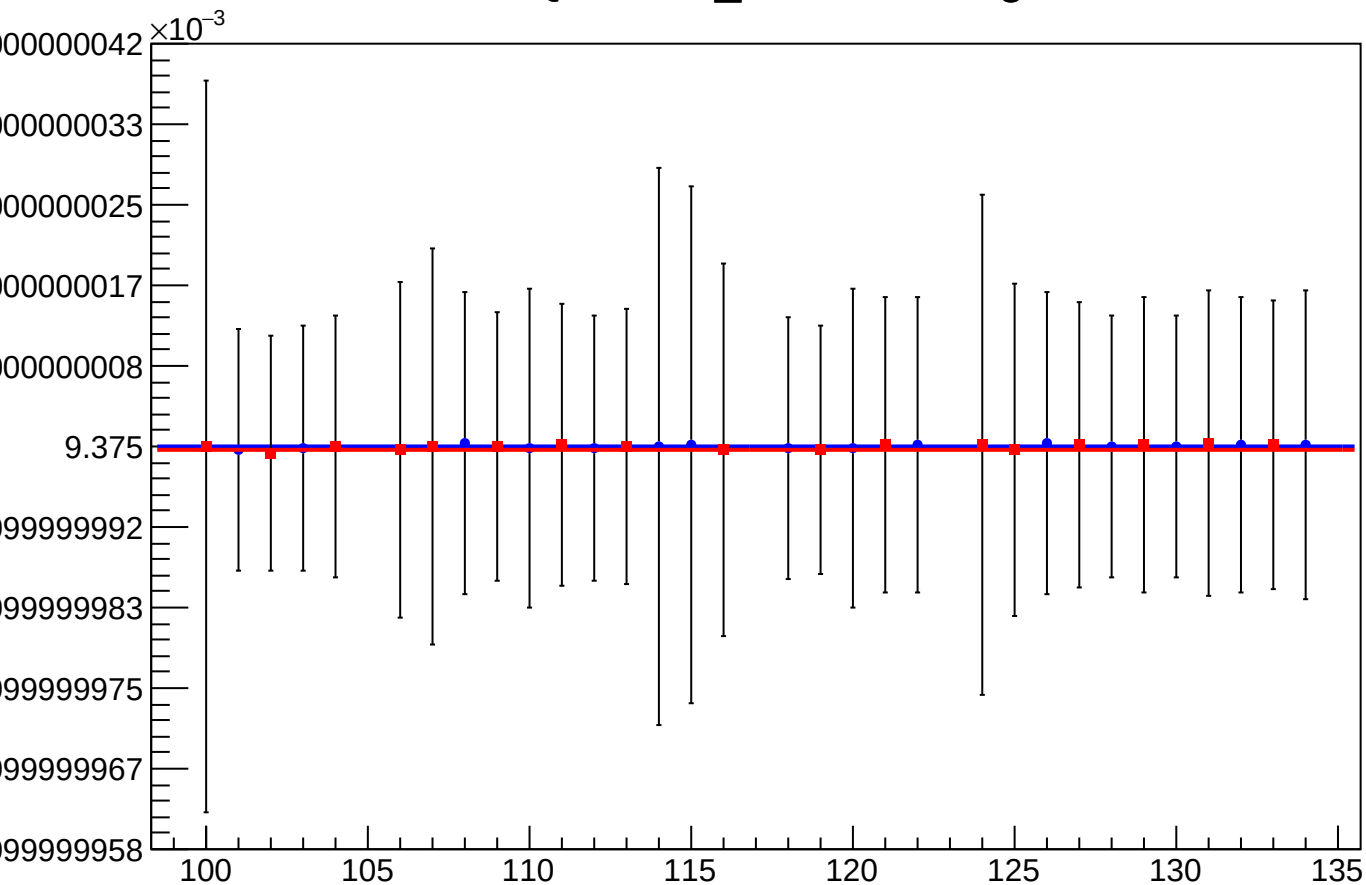
All: 980.760+/-0.000 χ^2/NDF : 59040859684.0/16

Right Out: 980.718+/-0.000 χ^2/NDF : 55682233057488013164027496628224.0/16

- 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: 0.0/16

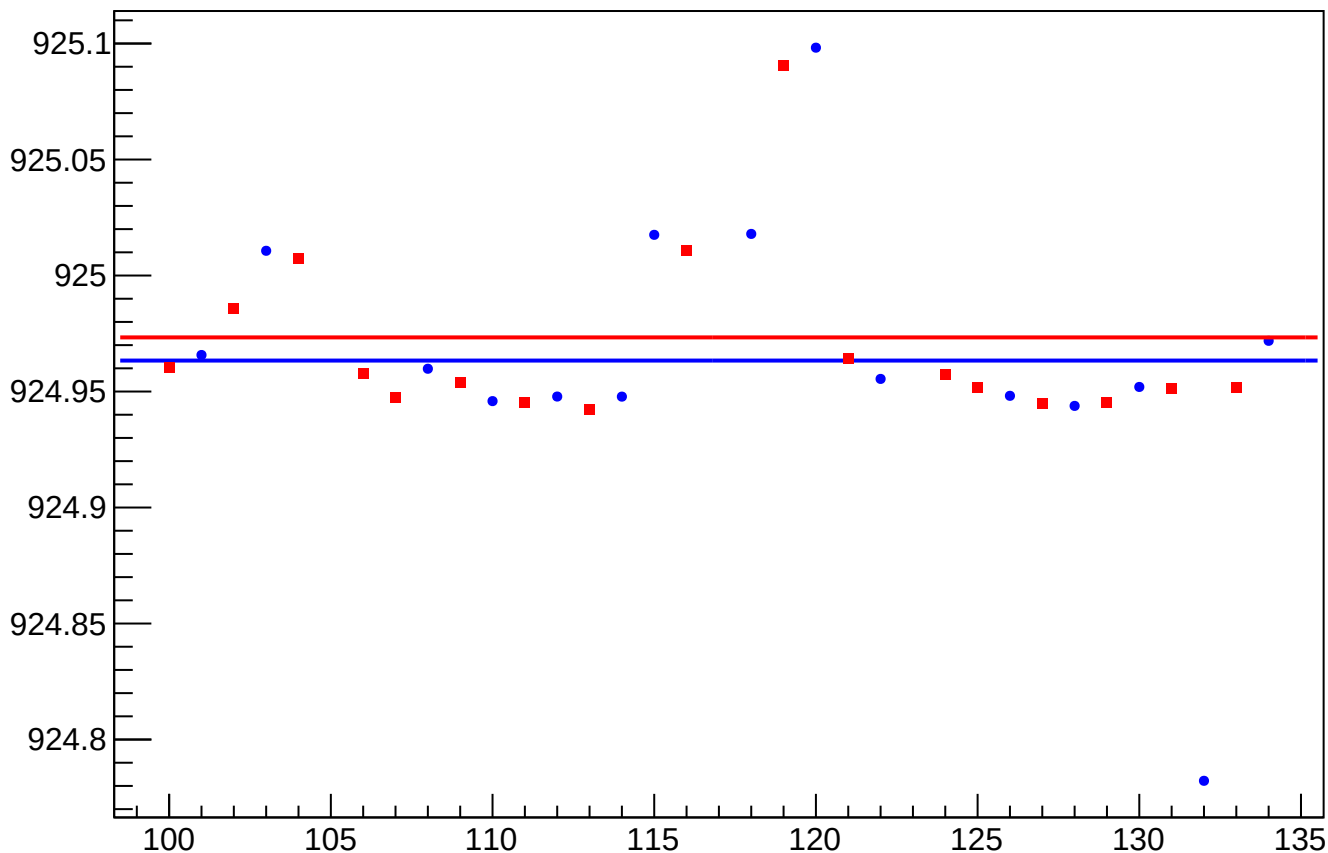
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/31

- 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

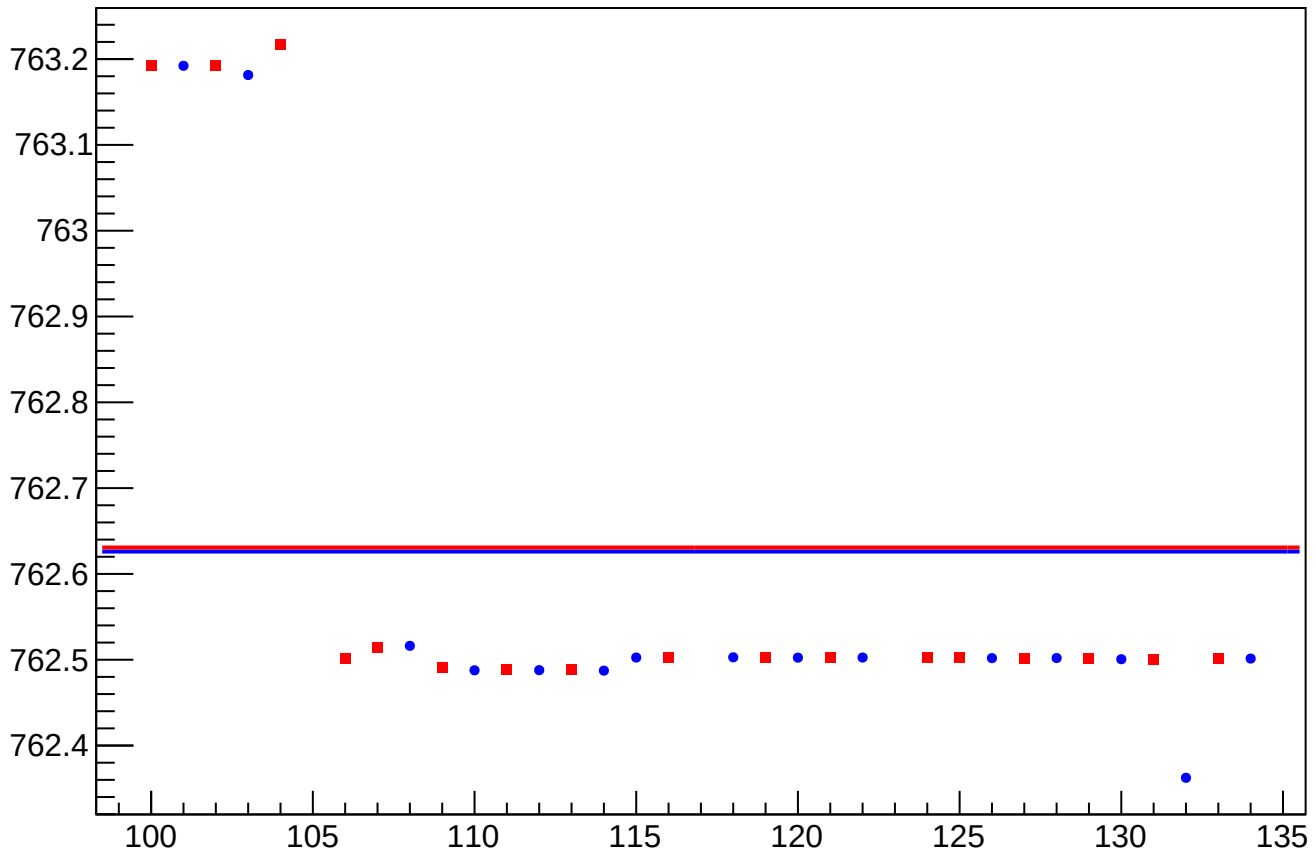
All: 924.968+/-0.000 χ^2/NDF : 37450057629

Right Out: 924.973+/-0.000 χ^2/NDF : 1211290088950012384892296364032.0/16

- 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

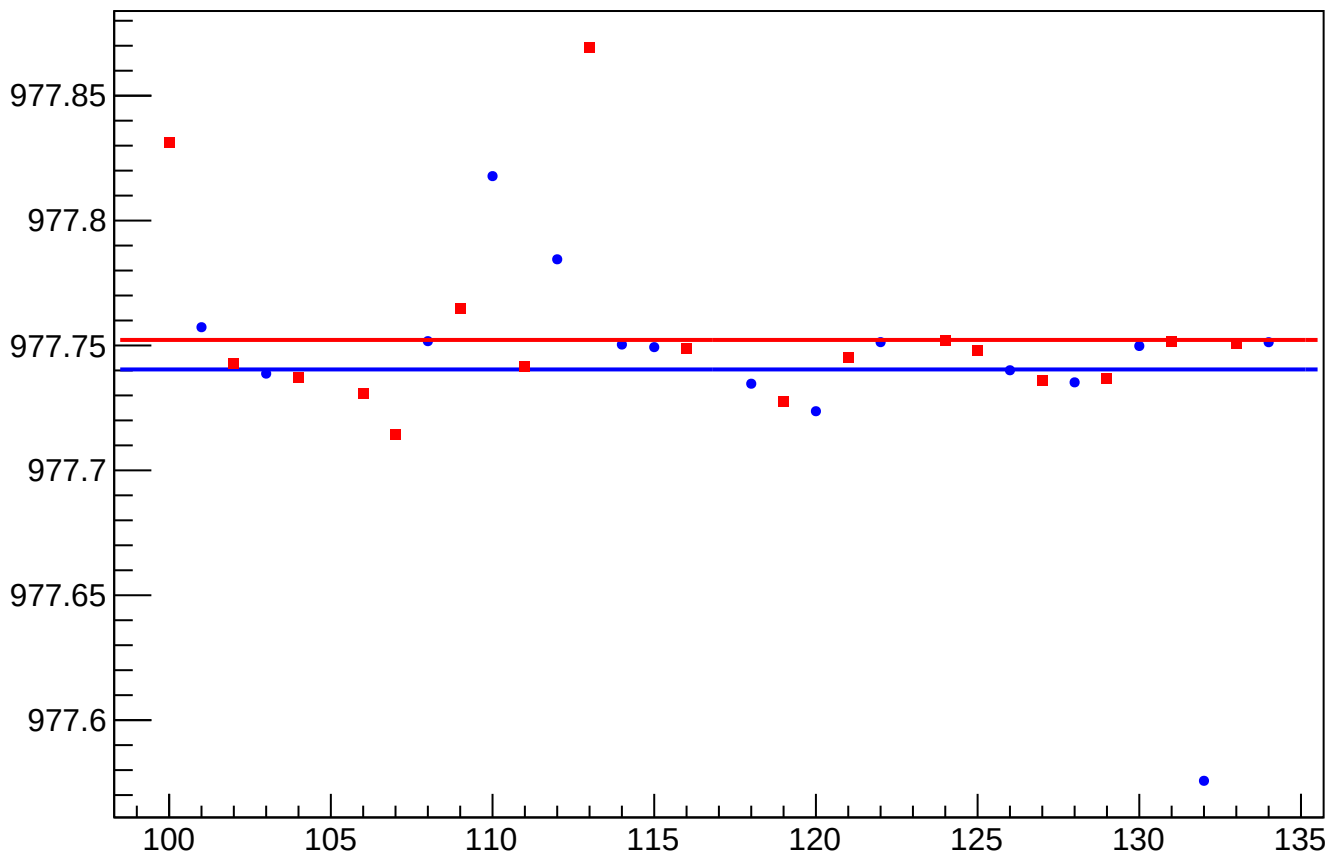
All: 762.629+/-0.000 χ^2/NDF : 102870685118

Right Out: 762.631+/-0.000 χ^2/NDF : 51972768578081347554082641936384.0/16

- 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

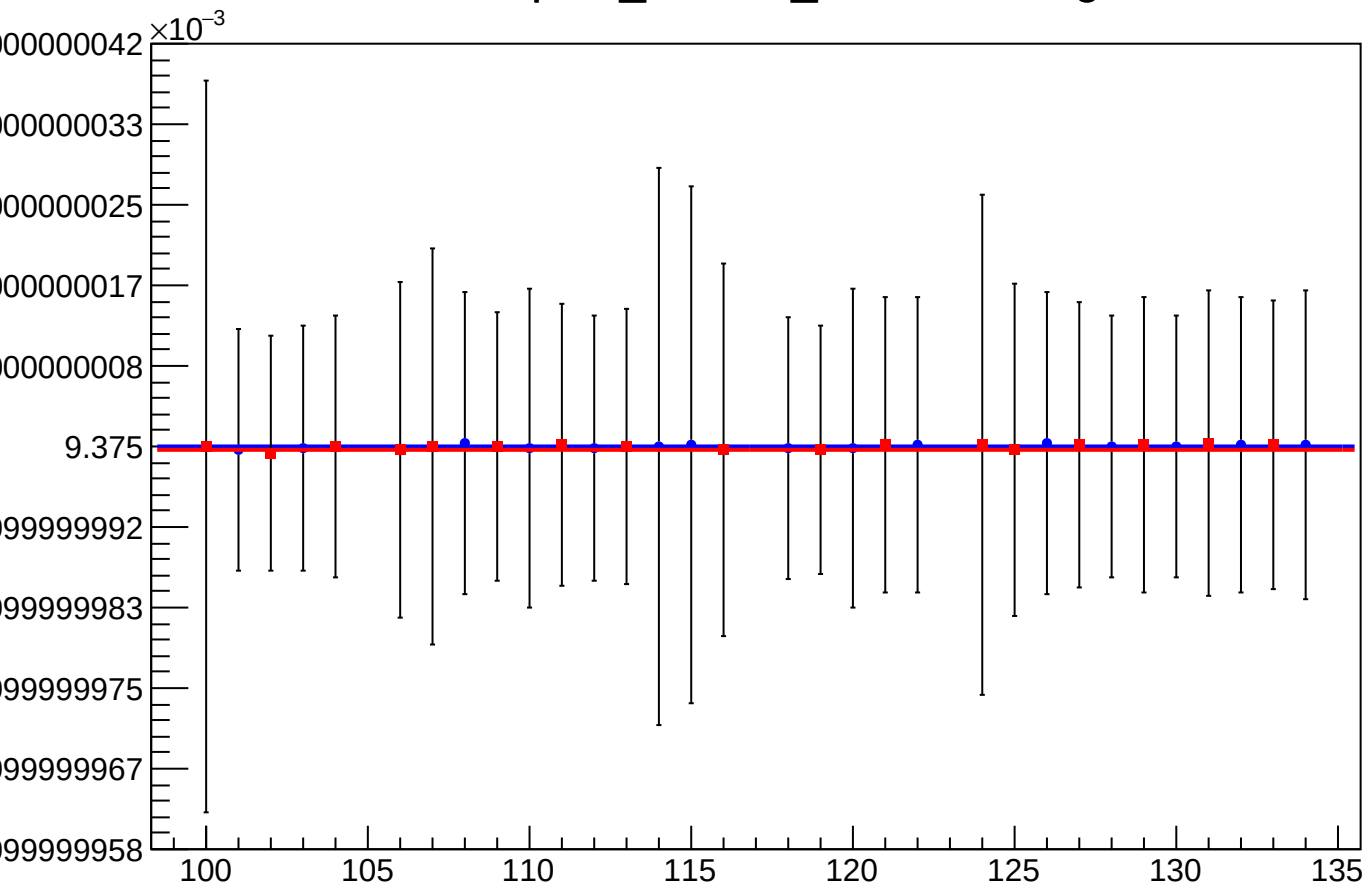
All: 977.746+/-0.000 χ^2/NDF : 246324170090

Right Out: 977.752+/-0.000 χ^2/NDF : 871147736462792689863224197120.0/16

- 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: 0.0/16

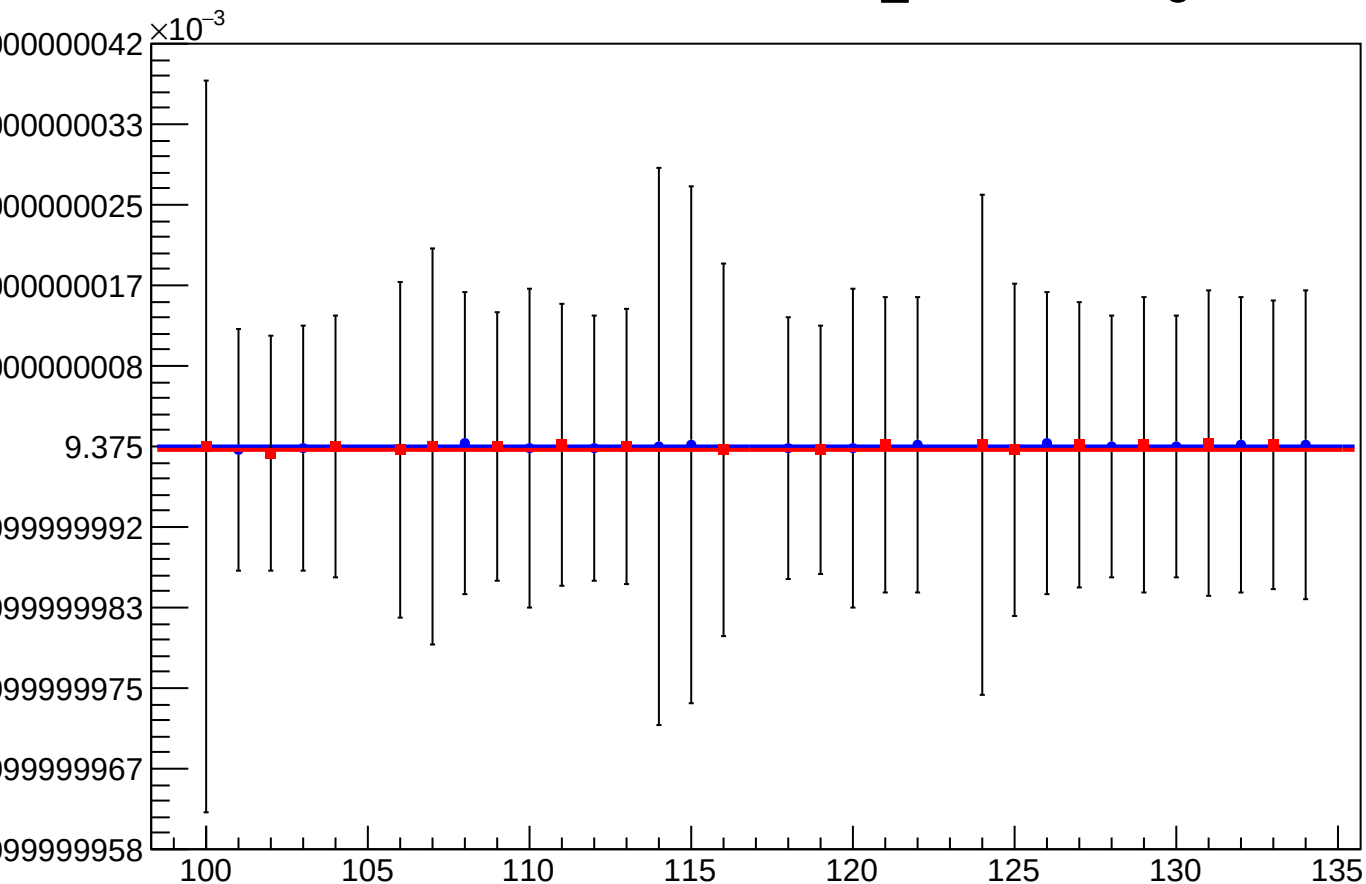
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/31

- 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: 0.0/16

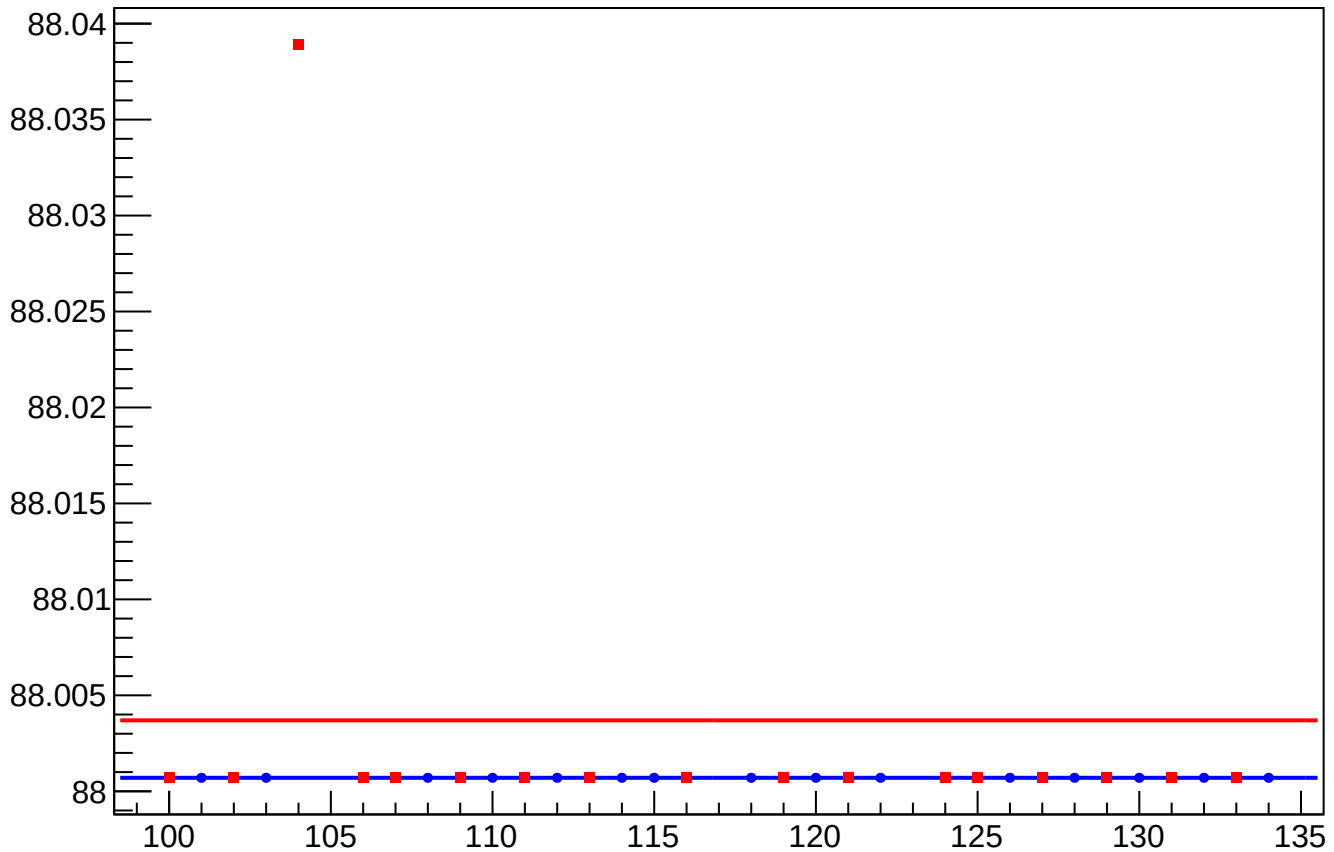
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

VWienAngle_mean vs Slug



Right In: 88.001+/-0.000 χ^2/NDF : 1429188.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

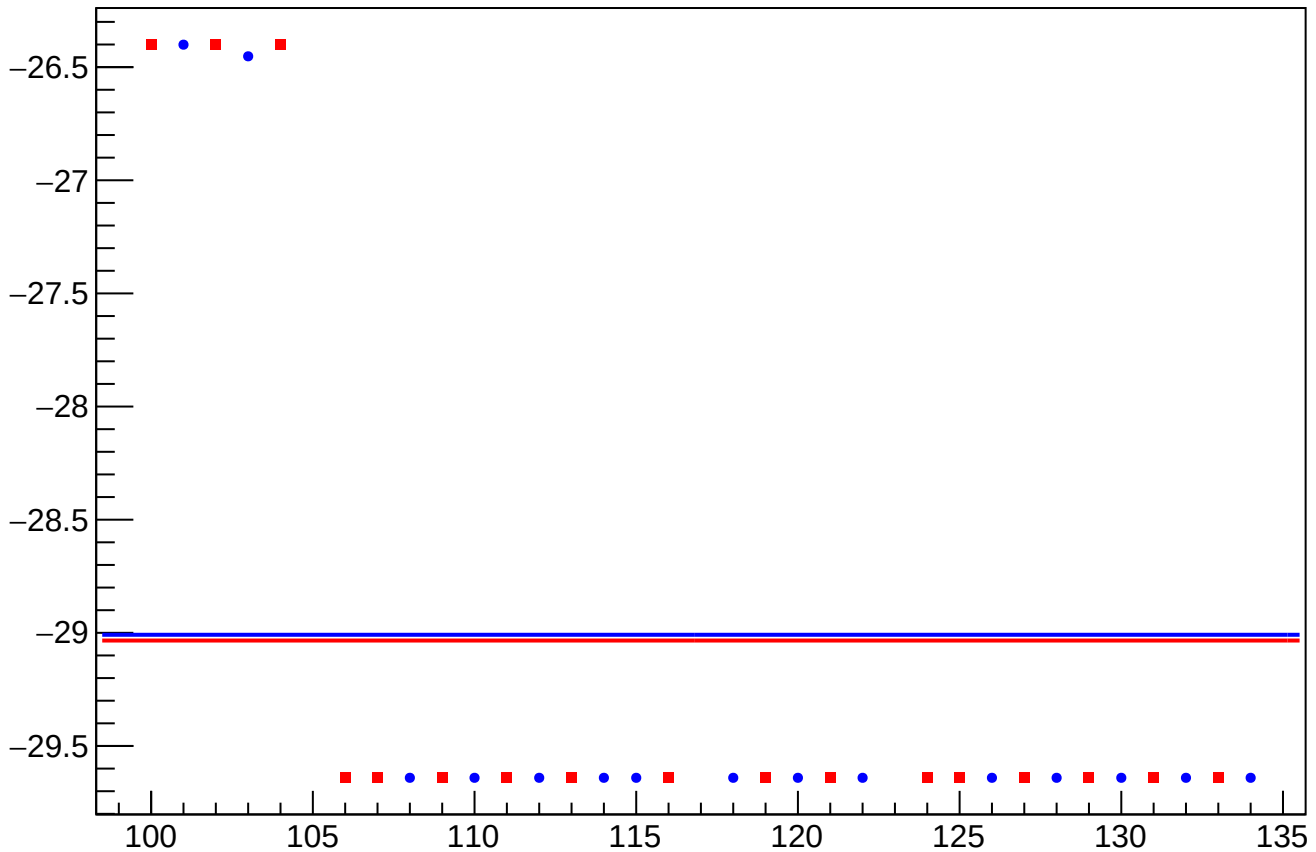
Right Out: 88.004+/-0.000 χ^2/NDF : 726280523323120004495604444928.0/16

All: 88.002+/-0.000 χ^2/NDF : 7562860063611

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-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

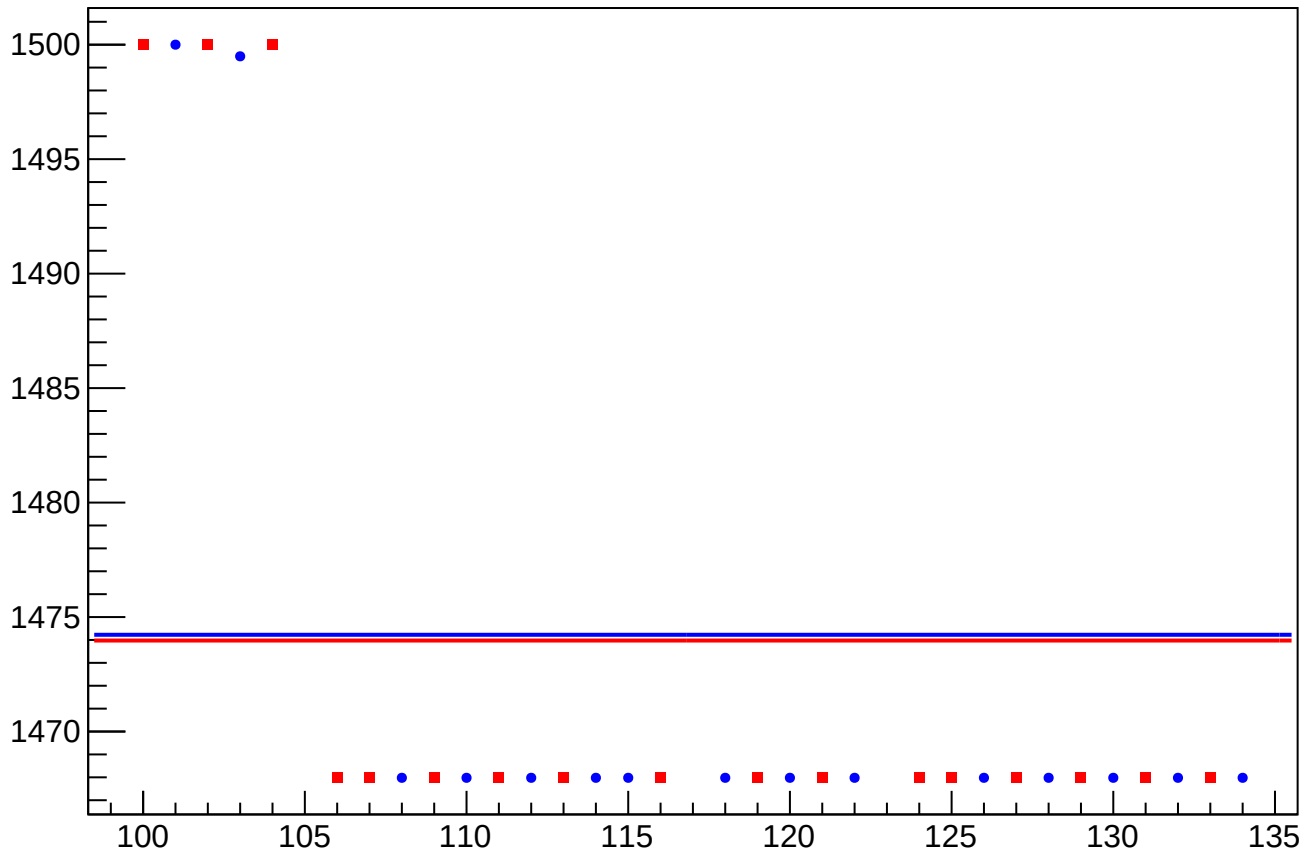
All: -29.022+/-0.000 χ^2/NDF : 216364364827

Right Out: -29.034+/-0.000 χ^2/NDF : 1100648220609600333941800978874368.0/16

- 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

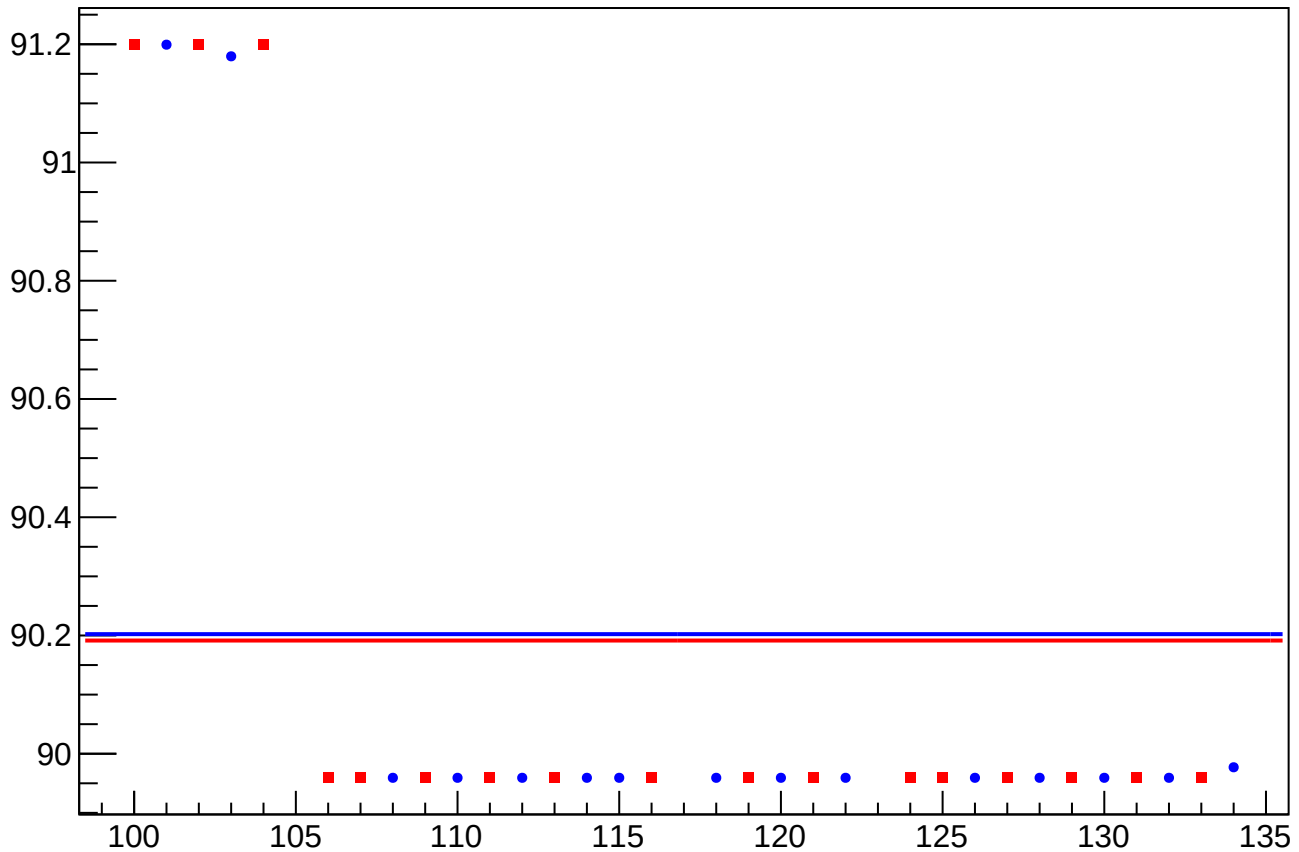
All: 1474.097+/-0.000 χ^2/NDF : 21133747514

Right Out: 1473.975+/-0.000 χ^2/NDF : 107507637013564870021539215701966848.0/16

- 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

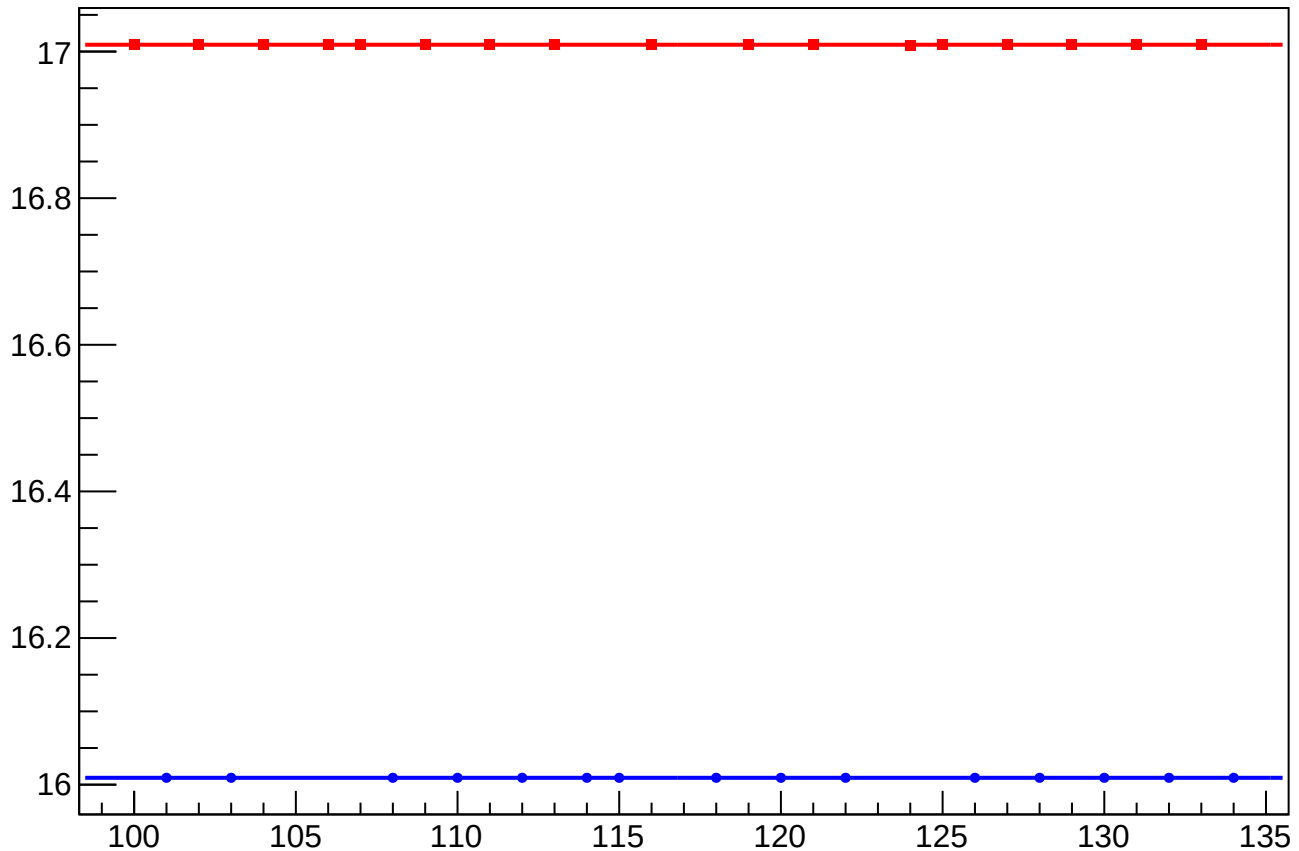
All: 90.197+/-0.000 χ^2/NDF : 3165954575998

Right Out: 90.191+/-0.000 χ^2/NDF : 161213677793920759943979008524288.0/16

- 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

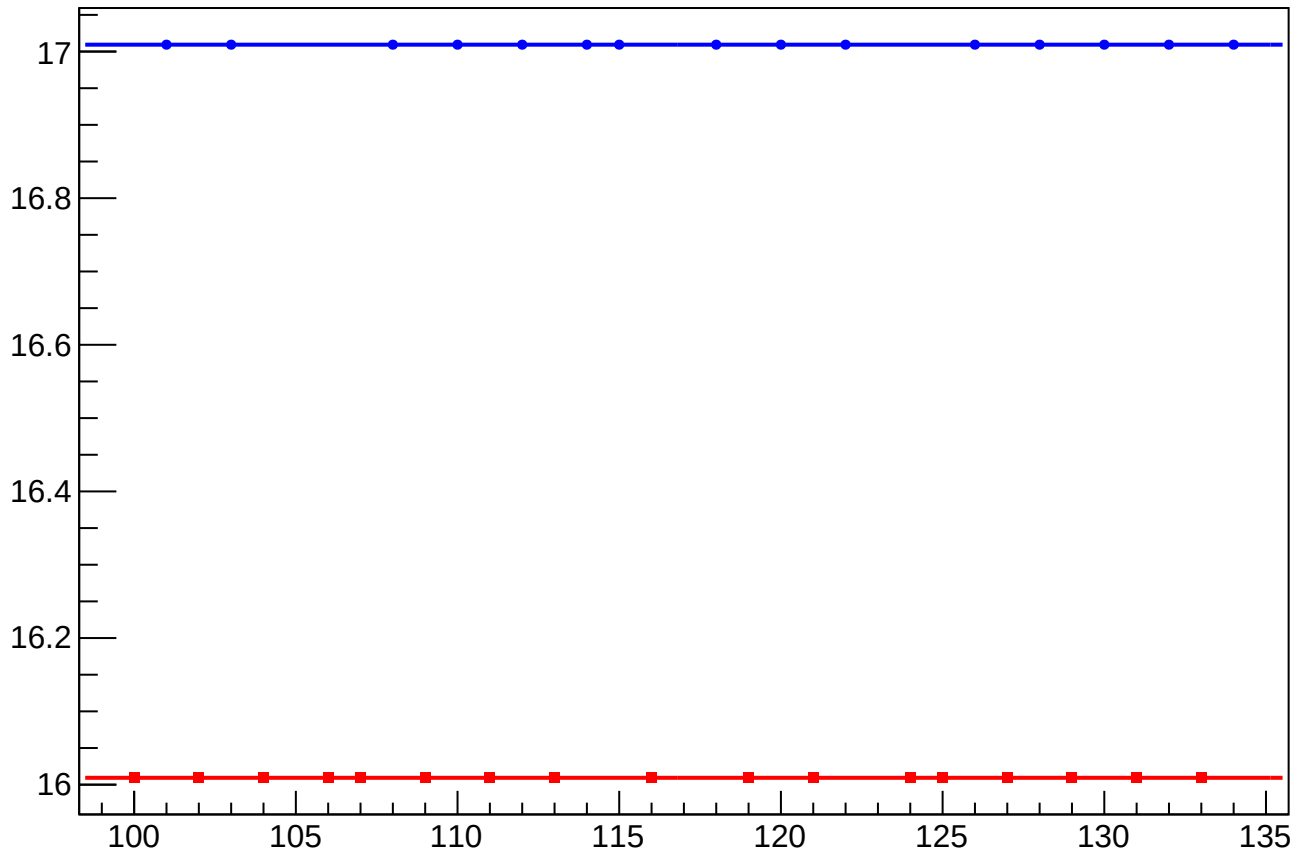
Right Out: 17.009 $\pm$ 0.000 χ^2 /NDF: 13458989694503448169414656.0/16

All: 16.505 $\pm$ 0.000 χ^2 /NDF: 3151708624227

- 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 : 35479.8/16

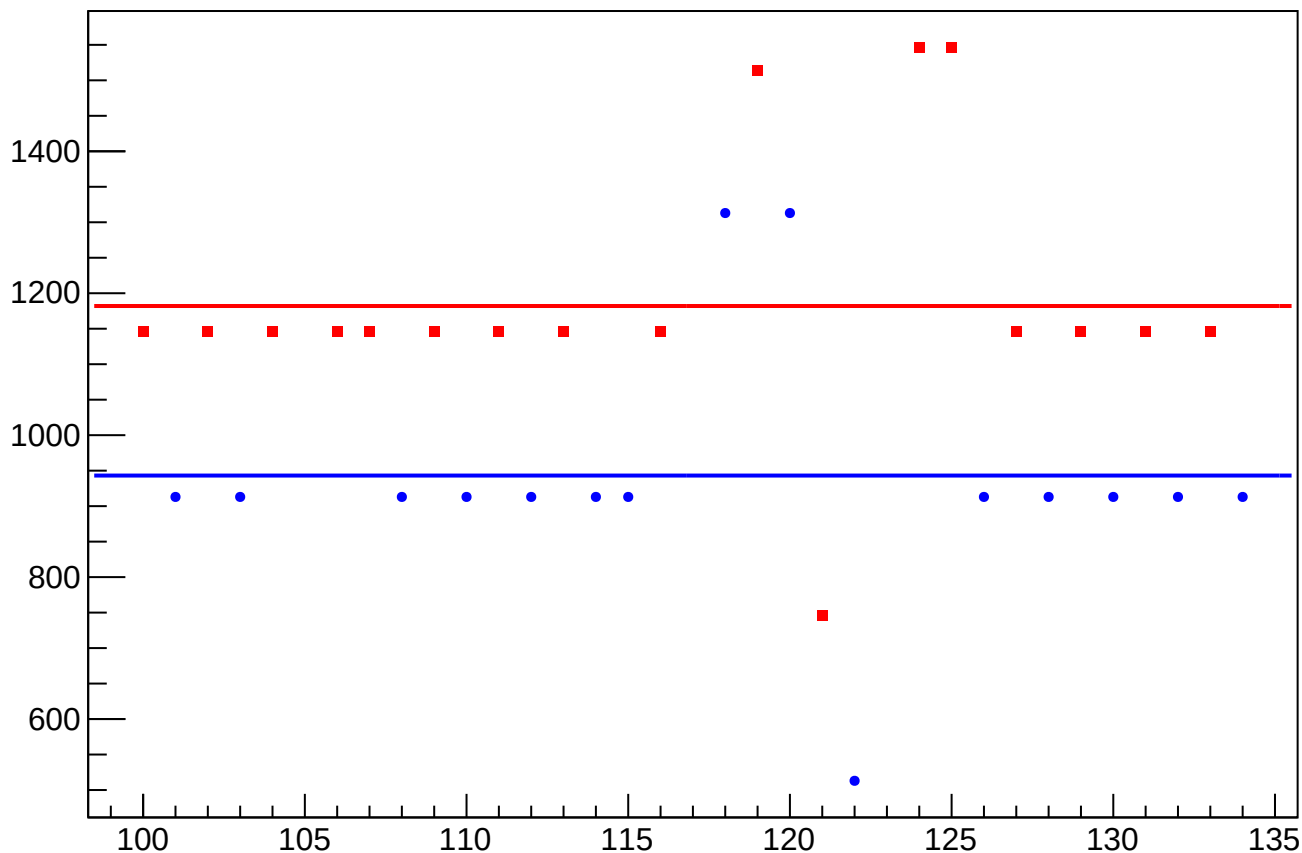
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 16.483 $\pm$ 0.000 χ^2/NDF : 3246121351760

- 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

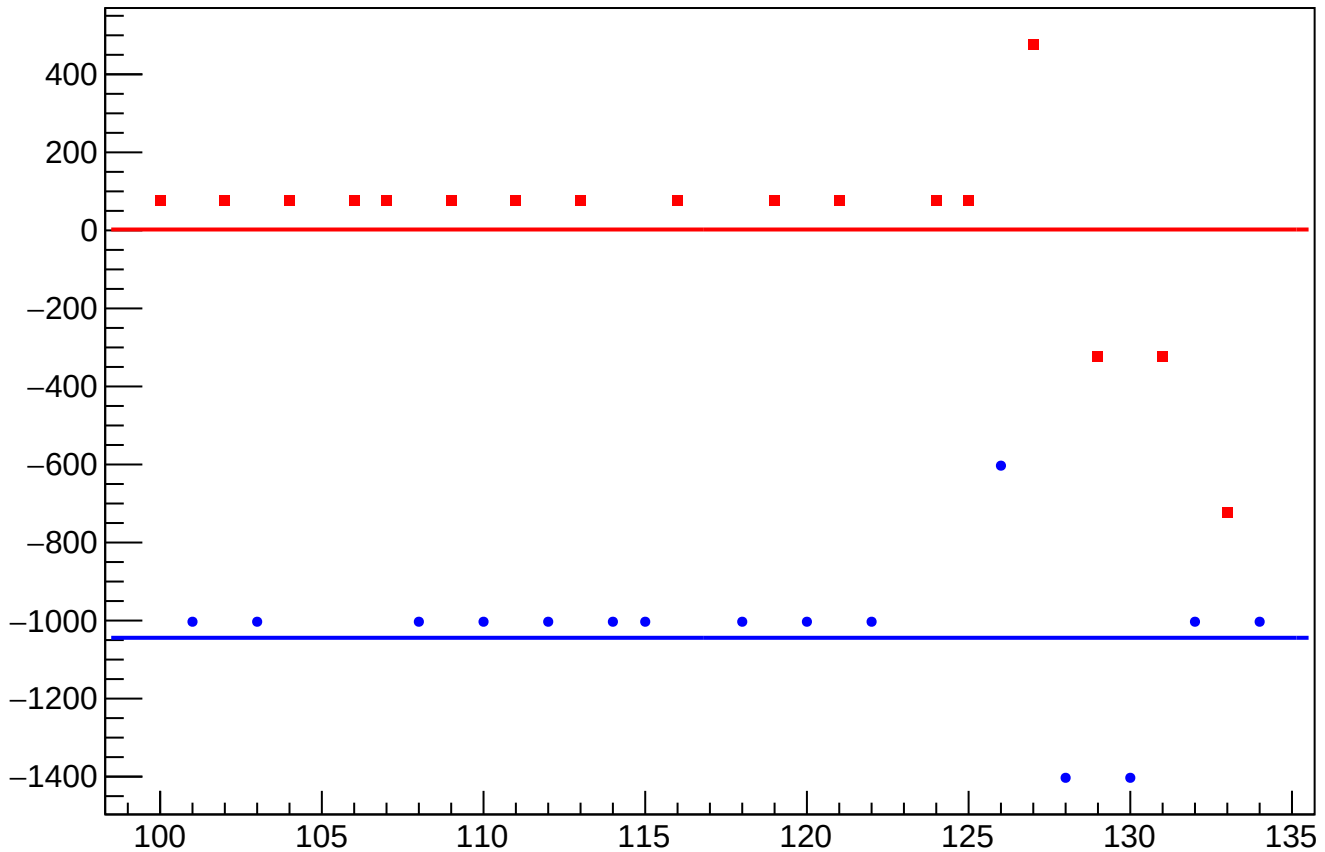
All: 1065.941+/-0.000 χ^2/NDF : 6216929306

Right Out: 1182.004+/-0.000 χ^2/NDF : 22053682832515577434777216139671896064.0/16

- 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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

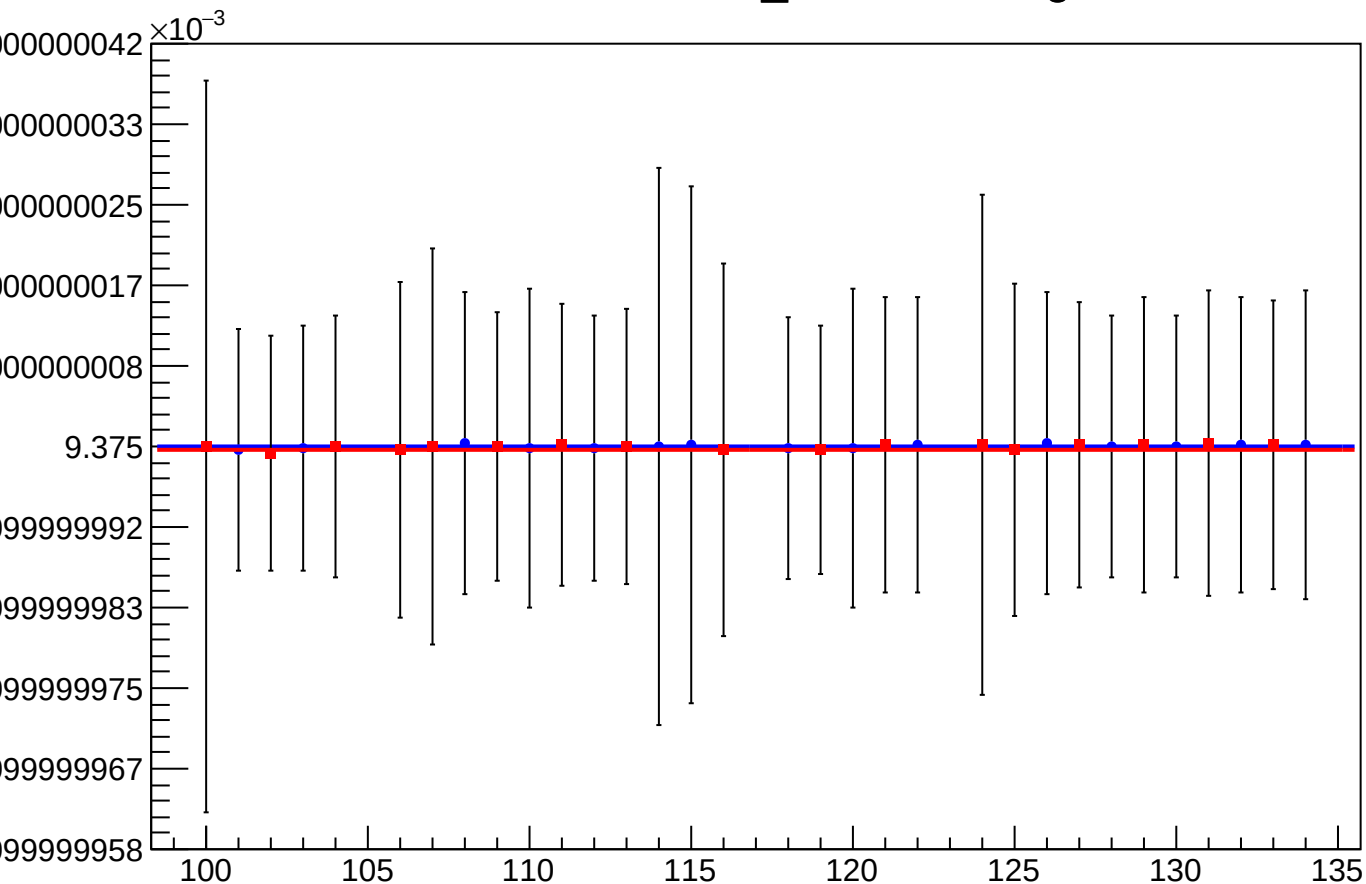
All: -506.101+/-0.000 χ^2/NDF : 43496972581

Right Out: 2.279+/-0.000 χ^2/NDF : 45694139294950760497228760989638328320.0/16

- 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: 0.0/16

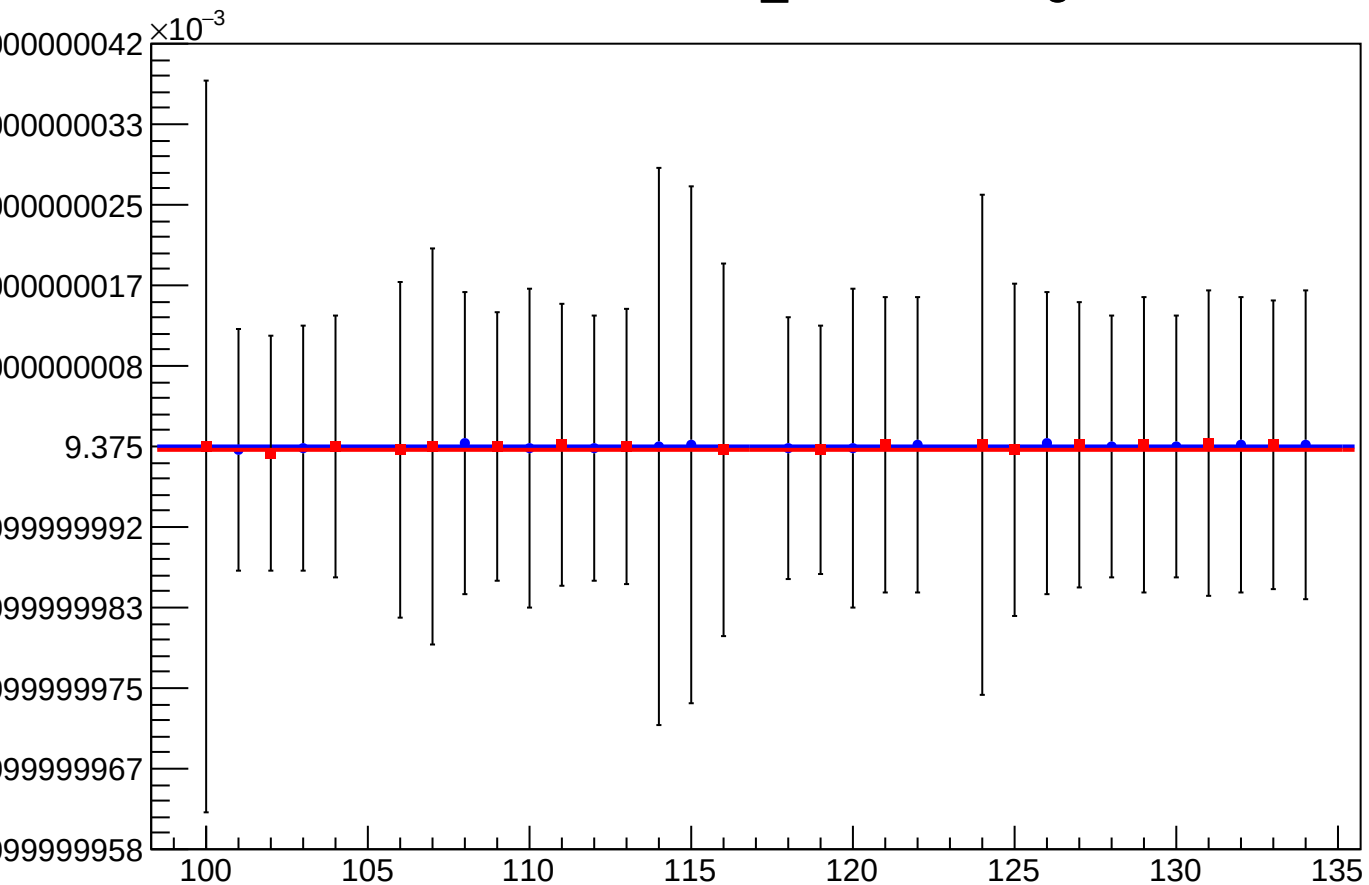
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/31

- 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: 0.0/16

Left In: 0.000 $\pm$ 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: 0.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0