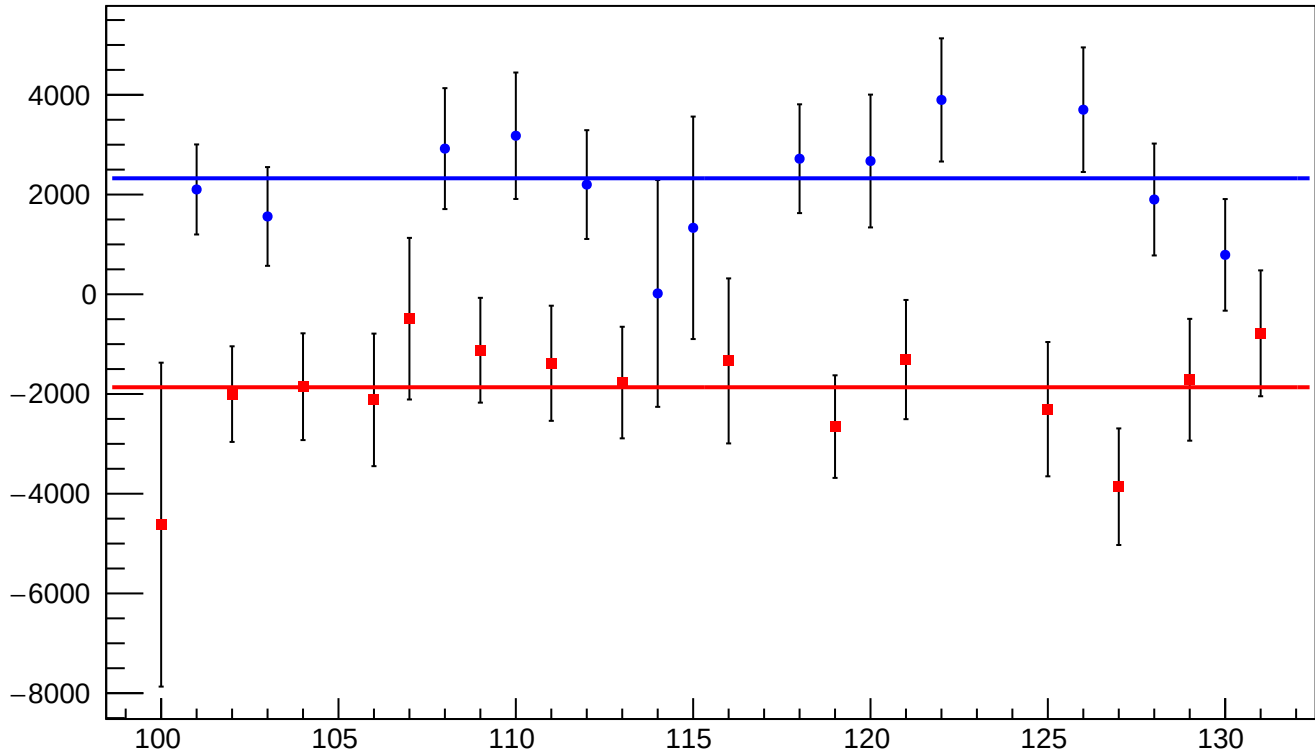


reg_asym_us_avg_mean vs Slug



Right In: 2326.178+/-331.976

χ^2/NDF : 7.6/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: -1864.688+/-315.512

χ^2/NDF : 6.8/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000

χ^2/NDF : 0.0/0

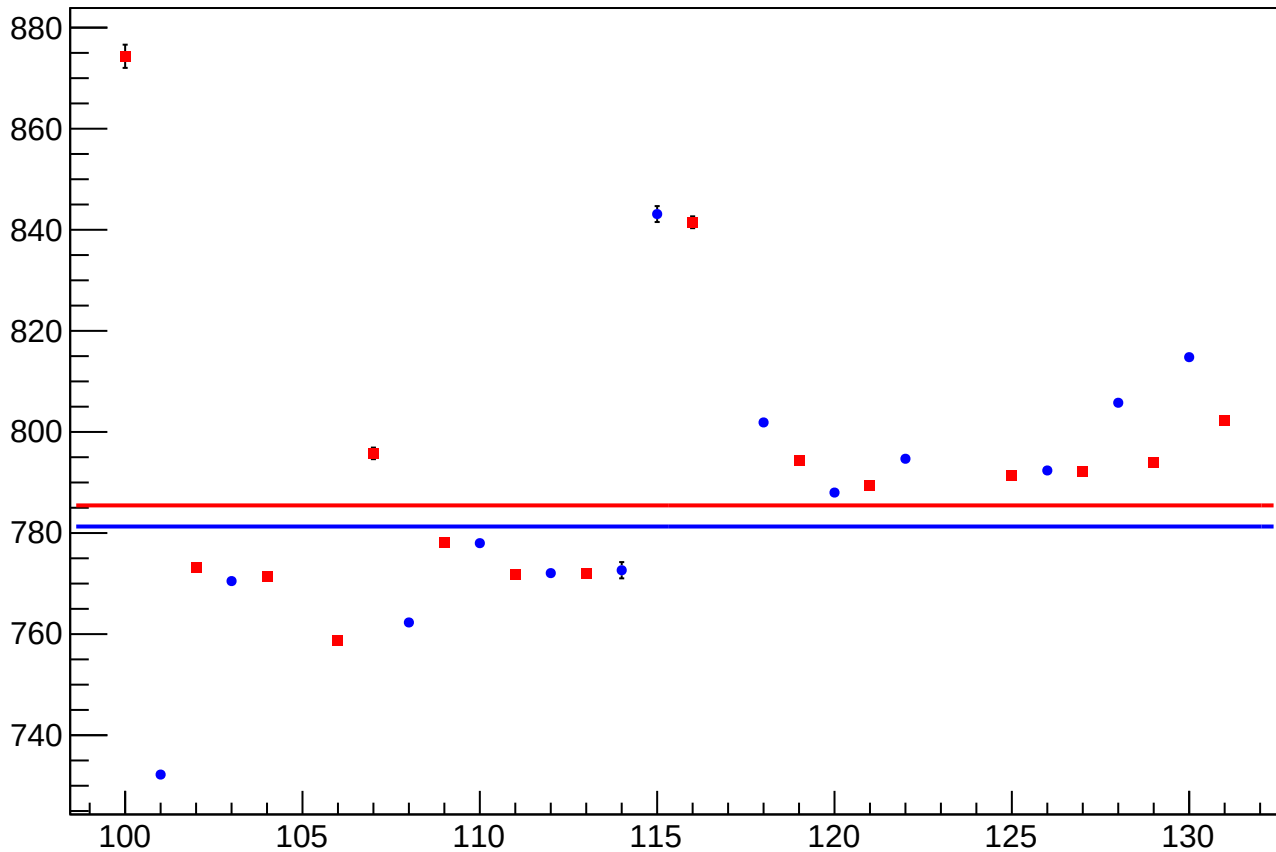
All: 124.254+/-228.700

χ^2/NDF : 98.2/27

- sign 0.000+/-0.000

χ^2/NDF : 0.0/0

reg_asym_us_avg_rms vs Slug



Right In: 781.290+/-0.235 χ^2/NDF : 12257.8/12

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

Right Out: 785.466+/-0.223 χ^2/NDF : 6736.9/14

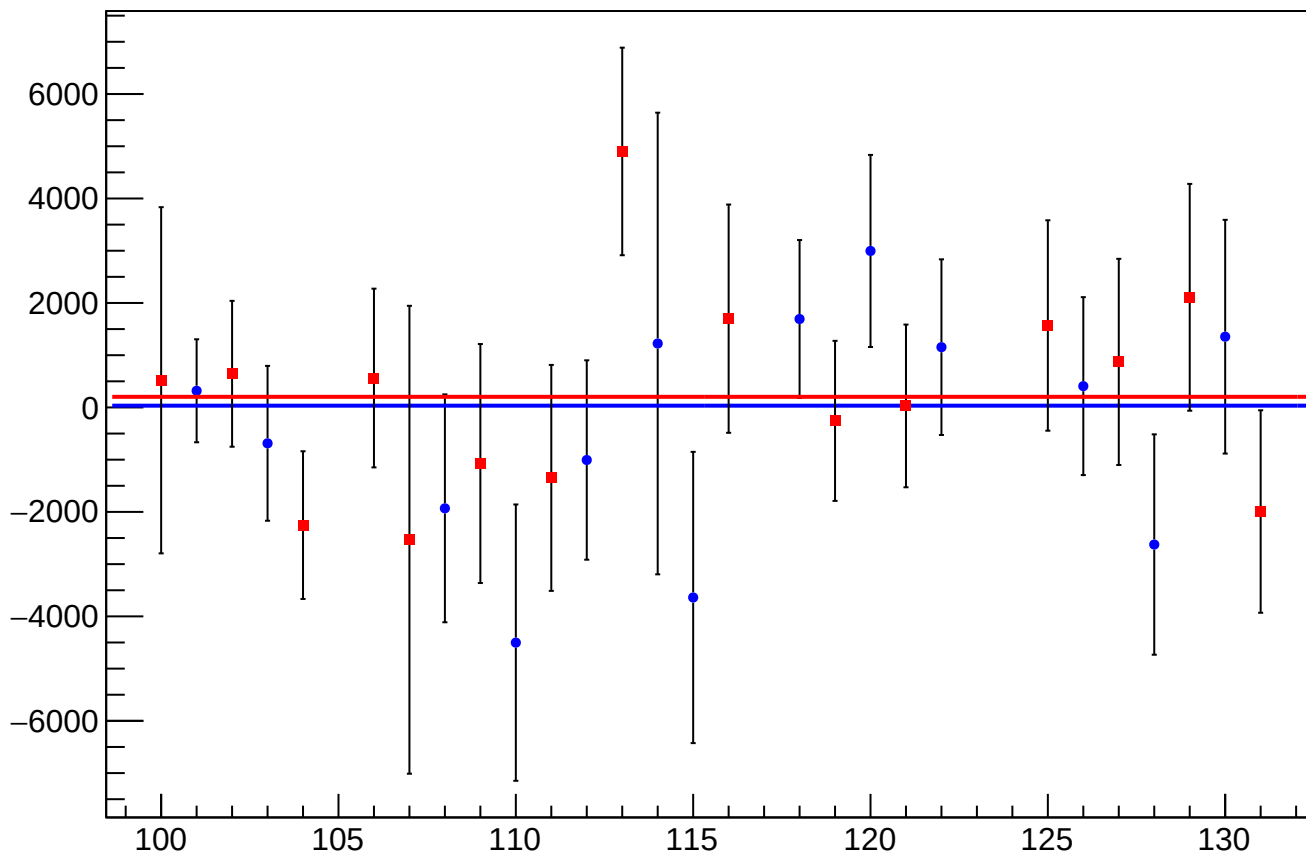
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 783.484+/-0.162 χ^2/NDF : 19160.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_reg_correction_mean vs Slug



Right In: 33.856+/-491.030 χ^2/NDF : 12.4/12

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

Right Out: 203.253+/-488.909 χ^2/NDF : 13.2/14

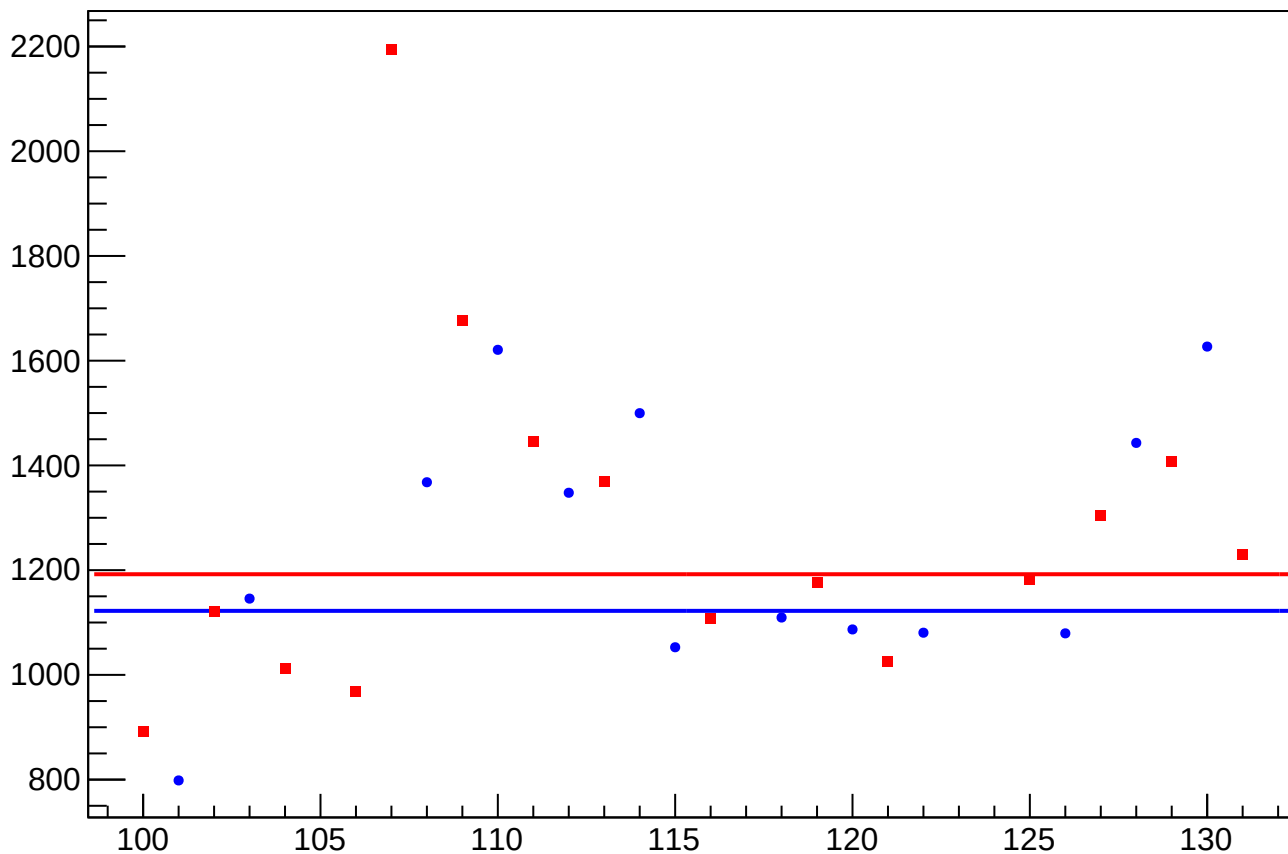
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.921+/-346.458 χ^2/NDF : 25.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_reg_correction_rms vs Slug



Right In: 1122.259+/-0.347 χ^2/NDF : 507804.5/12

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

Right Out: 1192.205+/-0.346 χ^2/NDF : 374731.2/14

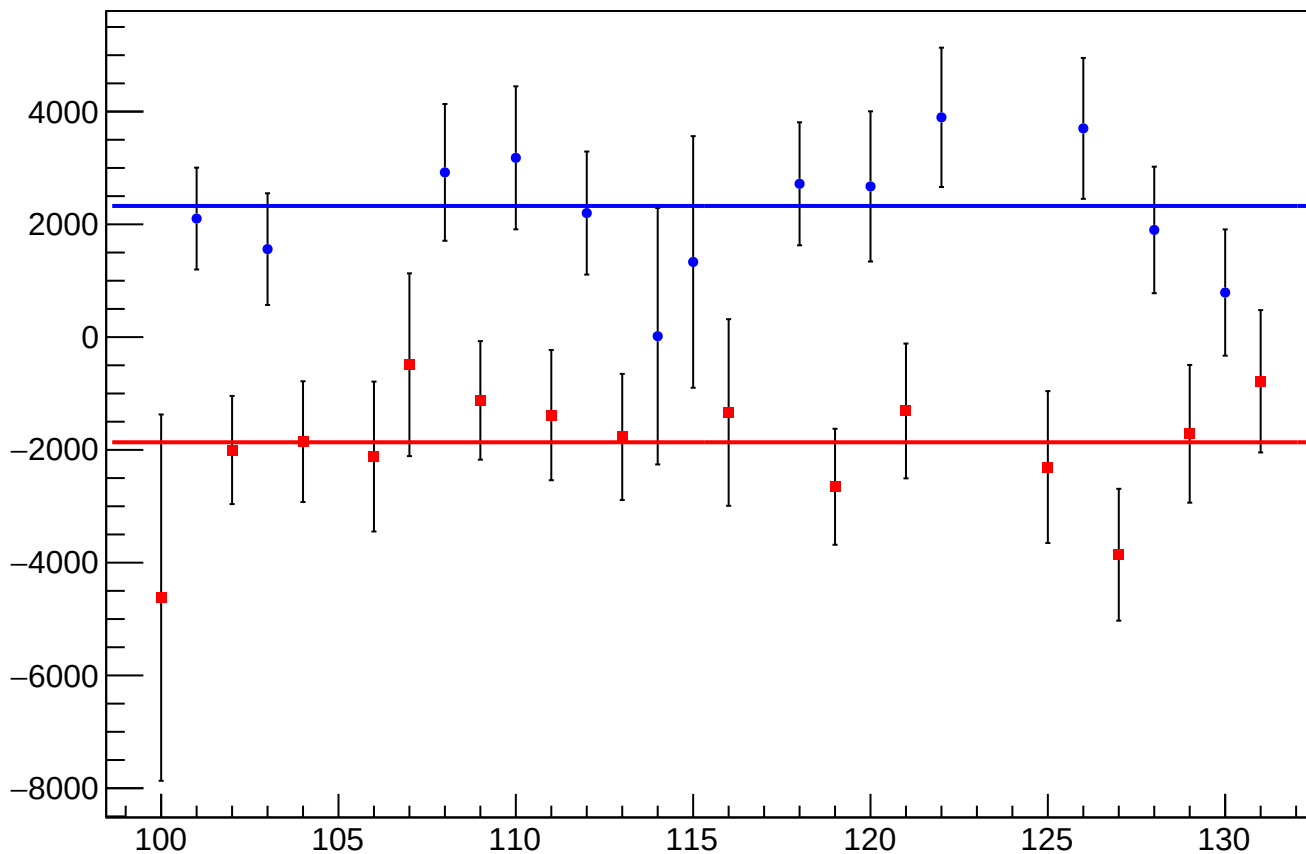
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1157.384+/-0.245 χ^2/NDF : 902914.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_mean vs Slug



Right In: 2326.178 $\pm$ 331.976 χ^2 /NDF: 7.6/12

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

Right Out: -1864.688 $\pm$ 315.512 χ^2 /NDF: 6.8/14

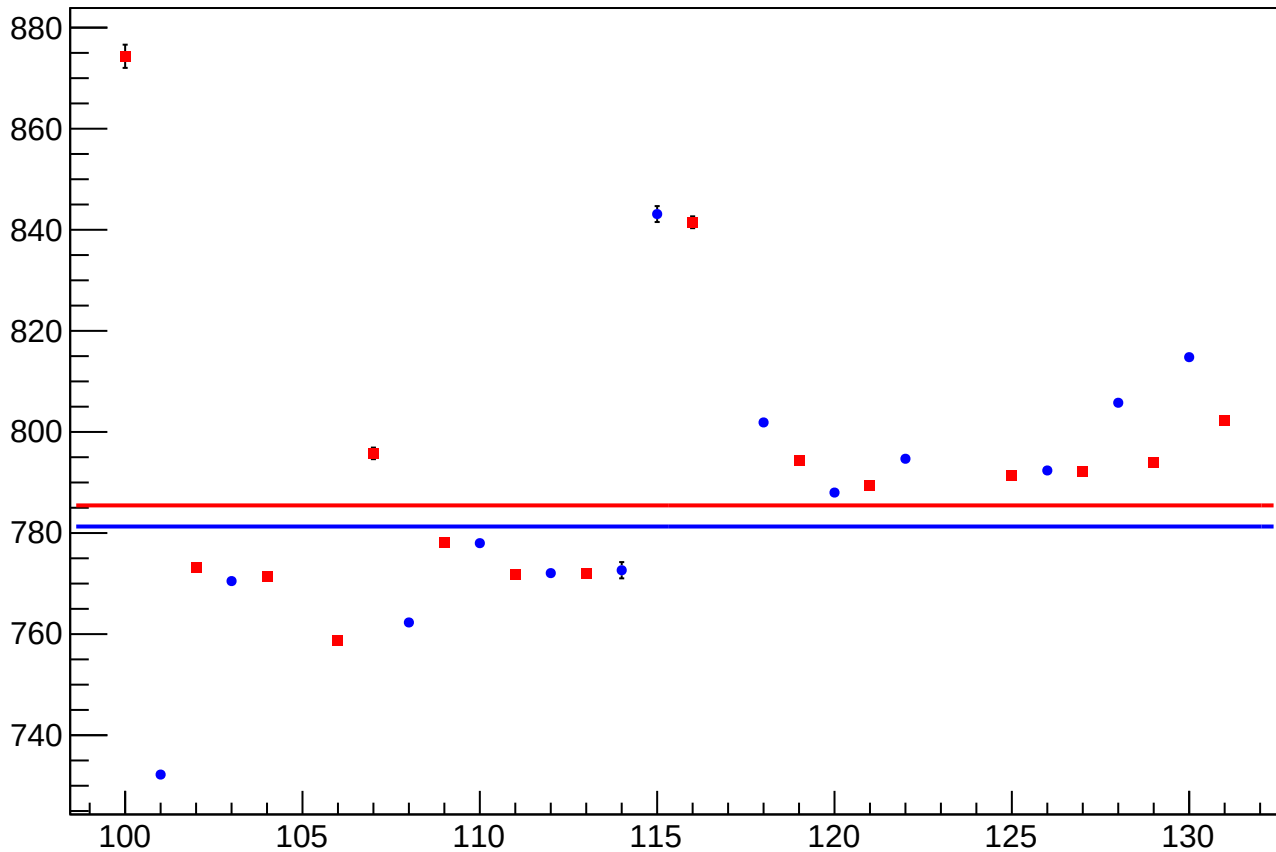
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 124.254 $\pm$ 228.700 χ^2 /NDF: 98.2/27

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

cor_asym_us_avg_rms vs Slug



Right In: 781.290+/-0.235 χ^2/NDF : 12257.8/12

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

Right Out: 785.466+/-0.223 χ^2/NDF : 6736.9/14

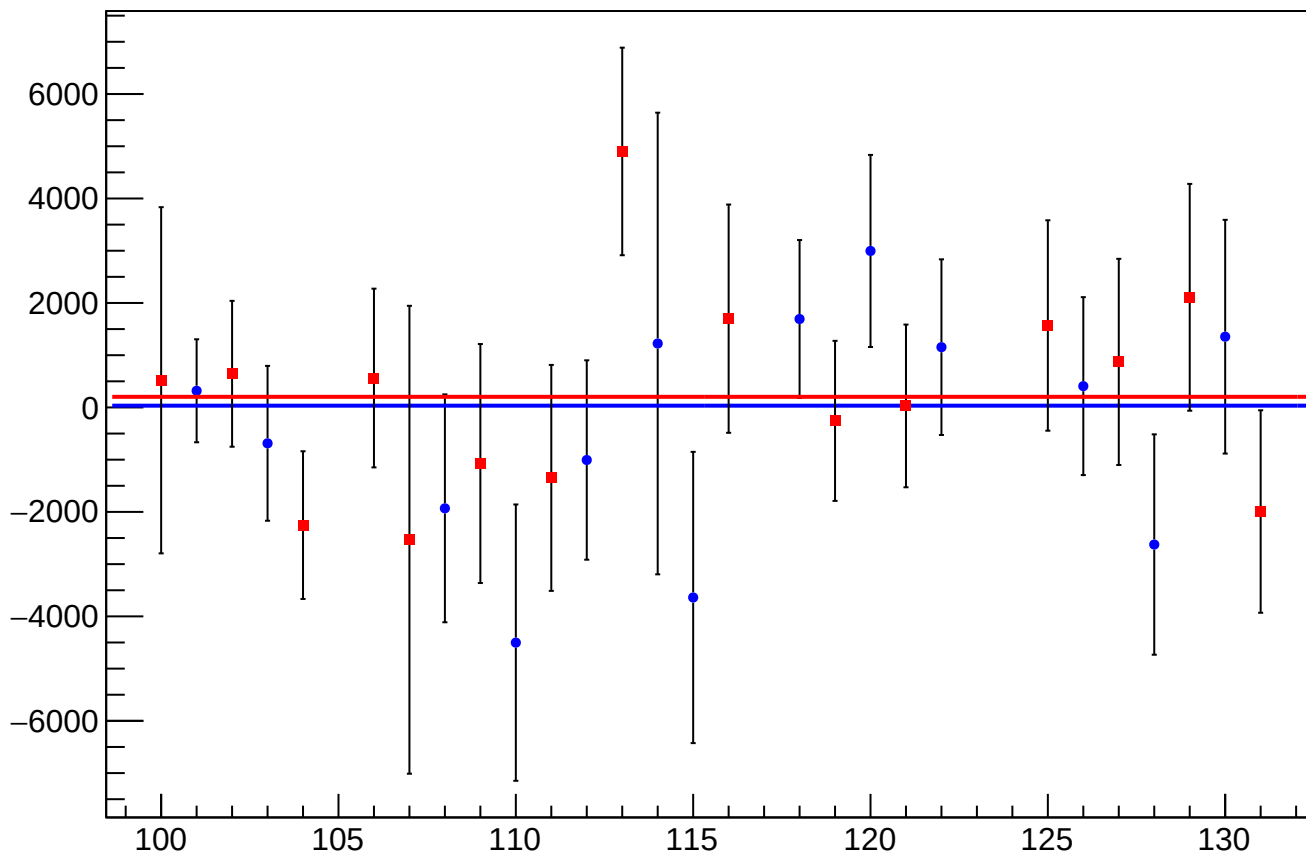
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 783.484+/-0.162 χ^2/NDF : 19160.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_cor_correction_mean vs Slug



Right In: 33.856+/-491.030 χ^2/NDF : 12.4/12

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

Right Out: 203.253+/-488.909 χ^2/NDF : 13.2/14

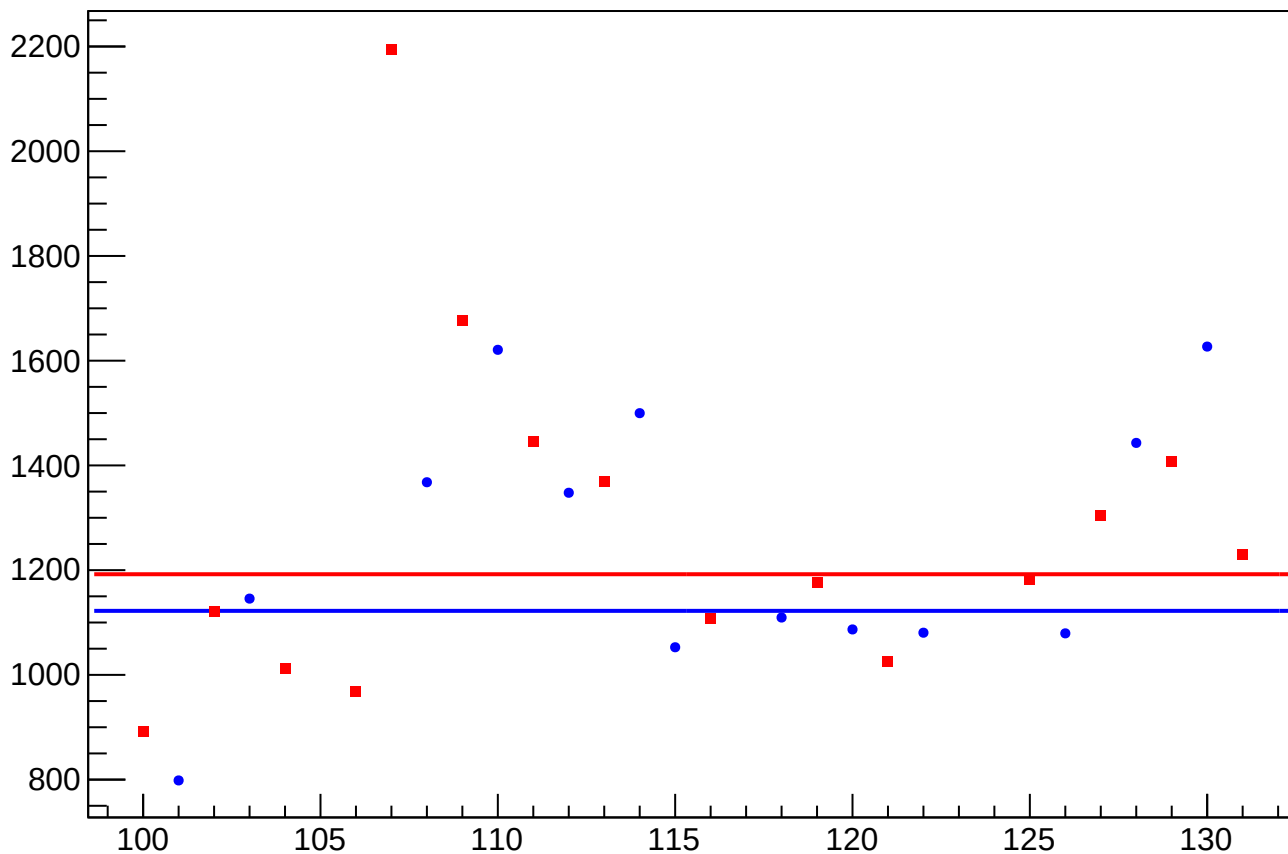
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.921+/-346.458 χ^2/NDF : 25.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_cor_correction_rms vs Slug



Right In: 1122.259+/-0.347 χ^2/NDF : 507804.5/12

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

Right Out: 1192.205+/-0.346 χ^2/NDF : 374731.2/14

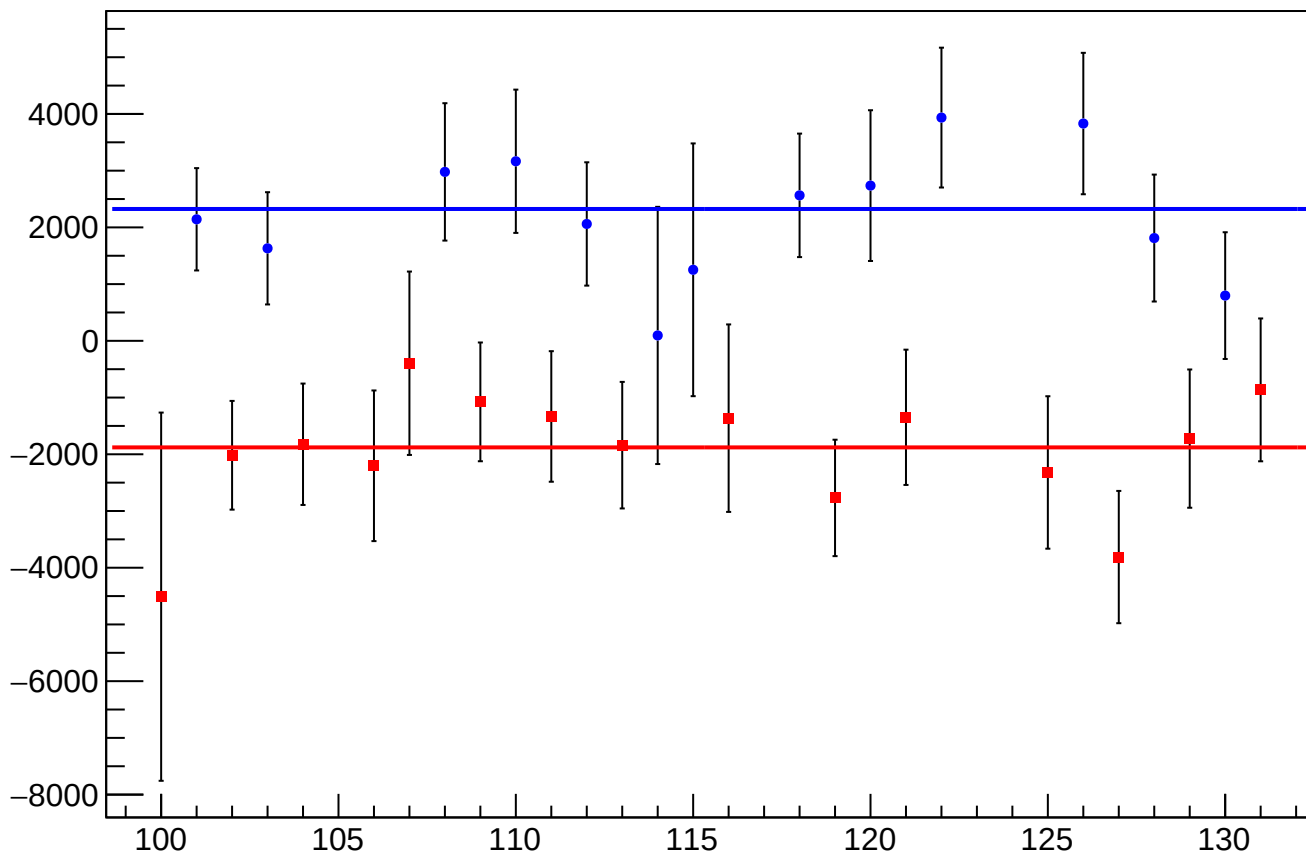
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1157.384+/-0.245 χ^2/NDF : 902914.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

overload_cor_asym_us_avg_mean vs Slug



Right In: 2324.694 $\pm$ 331.261 χ^2 /NDF: 7.9/12

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

Right Out: -1878.648 $\pm$ 314.813 χ^2 /NDF: 7.0/14

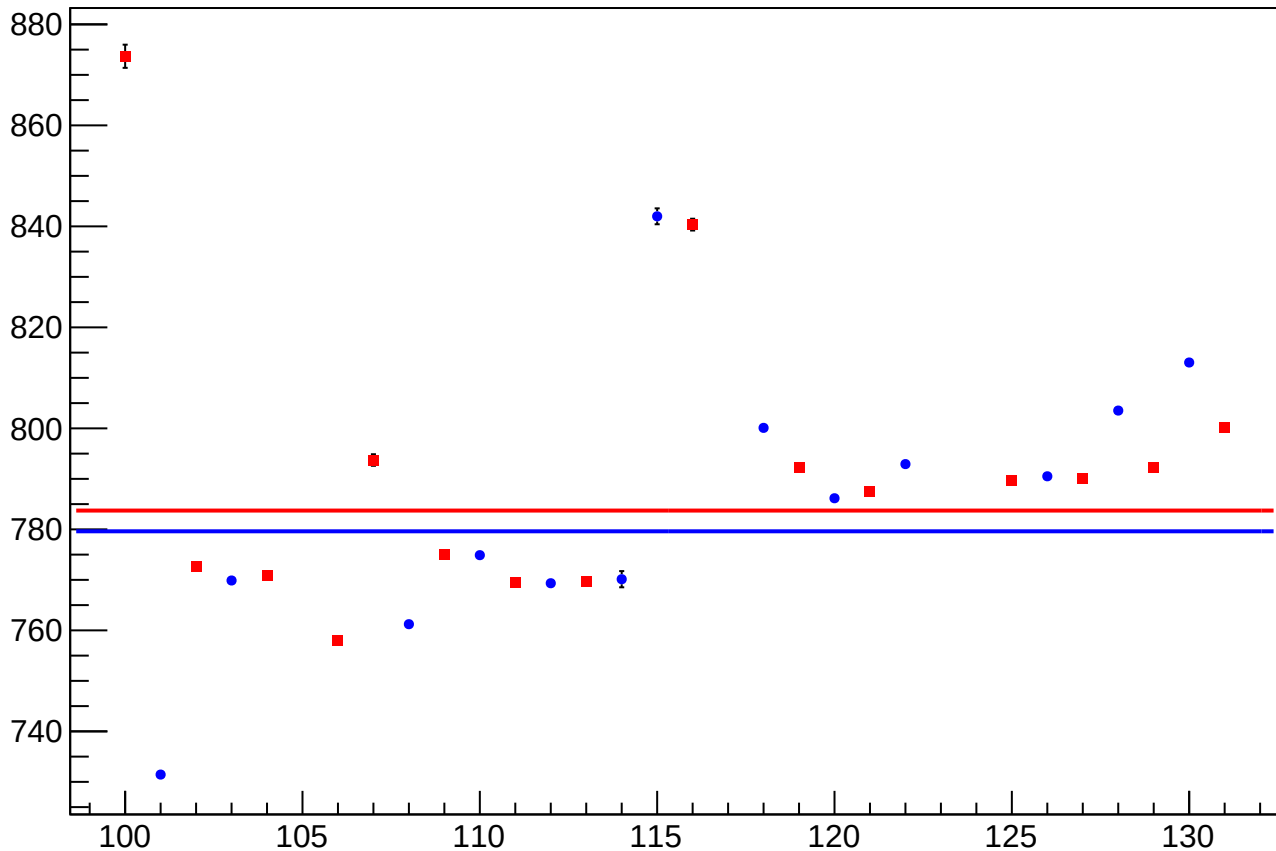
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 116.077 $\pm$ 228.200 χ^2 /NDF: 99.5/27

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

overload_cor_asym_us_avg_rms vs Slug



Right In: 779.617 $\pm$ 0.234 χ^2 /NDF: 12015.2/12

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

Right Out: 783.724 $\pm$ 0.223 χ^2 /NDF: 6725.1/14

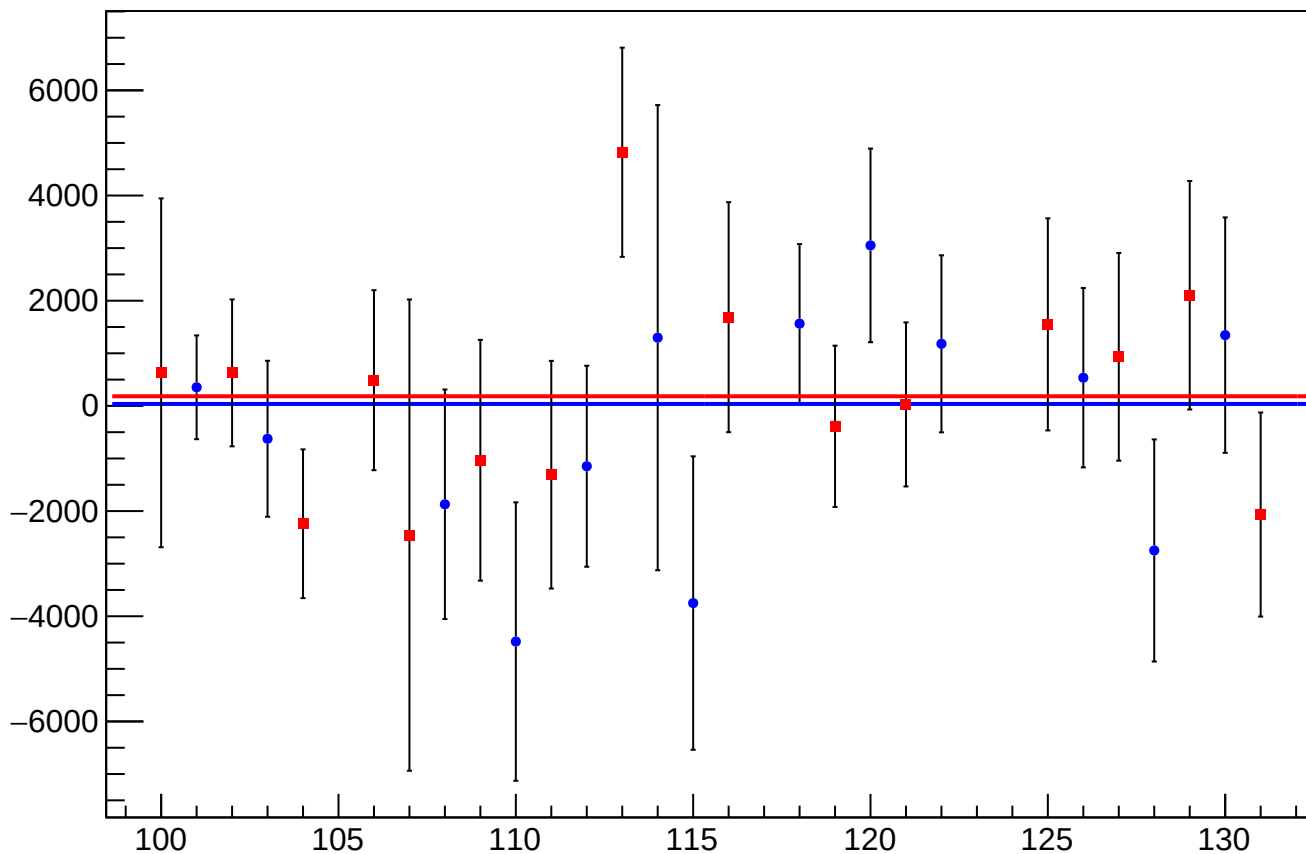
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 781.775 $\pm$ 0.161 χ^2 /NDF: 18901.8/27

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

asym_us_avg_overload_cor_correction_mean vs Slug



Right In: 36.941 $\pm$ 491.485 χ^2 /NDF: 12.6/12

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

Right Out: 182.722 $\pm$ 489.315 χ^2 /NDF: 13.0/14

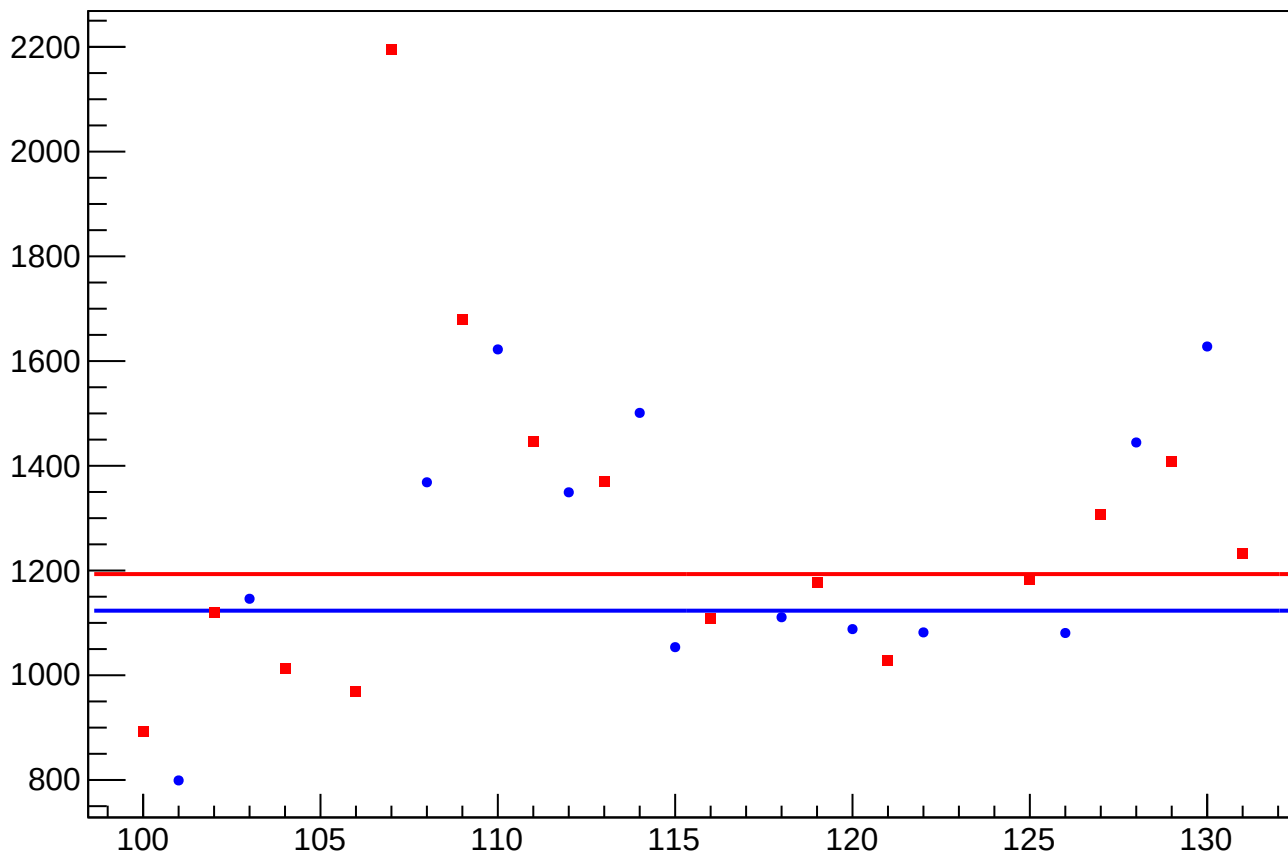
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 110.154 $\pm$ 346.763 χ^2 /NDF: 25.6/27

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

asym_us_avg_overload_cor_correction_rms vs Slug



Right In: 1123.325+/-0.348 χ^2/NDF : 507598.6/12

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

Right Out: 1193.205+/-0.346 χ^2/NDF : 374779.0/14

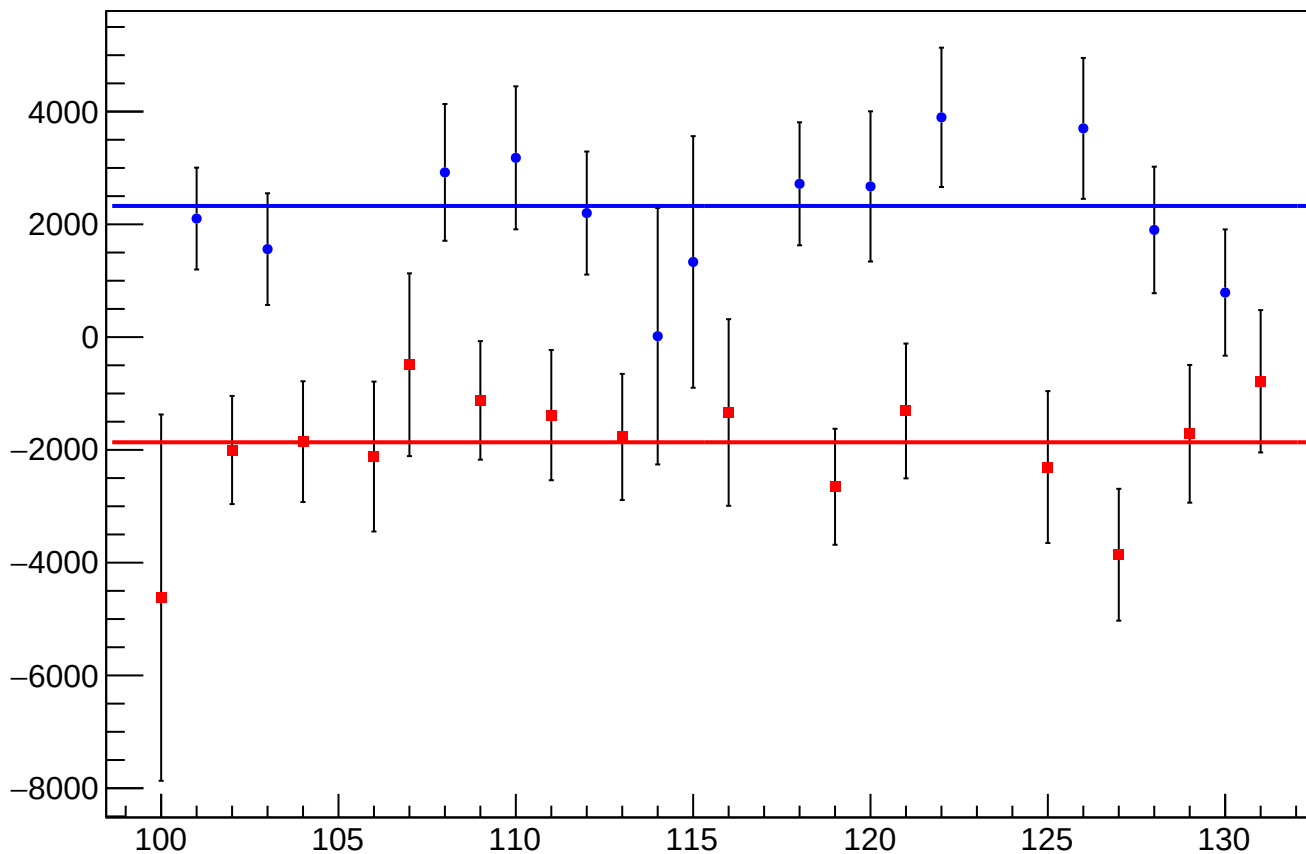
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1158.420+/-0.245 χ^2/NDF : 902682.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_mean vs Slug



Right In: 2326.178 $\pm$ 331.976 χ^2 /NDF: 7.6/12

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

Right Out: -1864.688 $\pm$ 315.512 χ^2 /NDF: 6.8/14

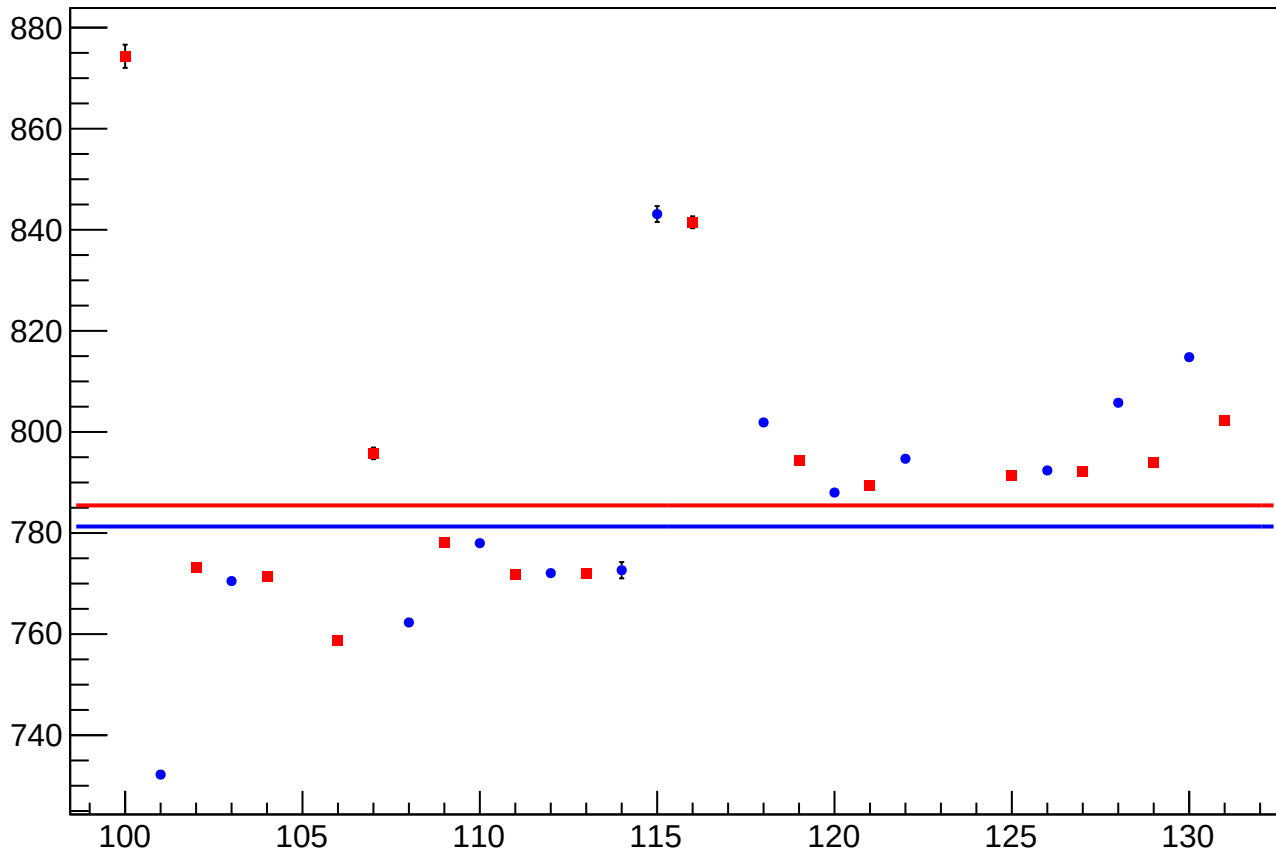
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 124.254 $\pm$ 228.700 χ^2 /NDF: 98.2/27

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

eigen_cor_asym_us_avg_rms vs Slug



Right In: 781.290 $\pm$ 0.235 χ^2 /NDF: 12257.8/12

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

Right Out: 785.466 $\pm$ 0.223 χ^2 /NDF: 6736.9/14

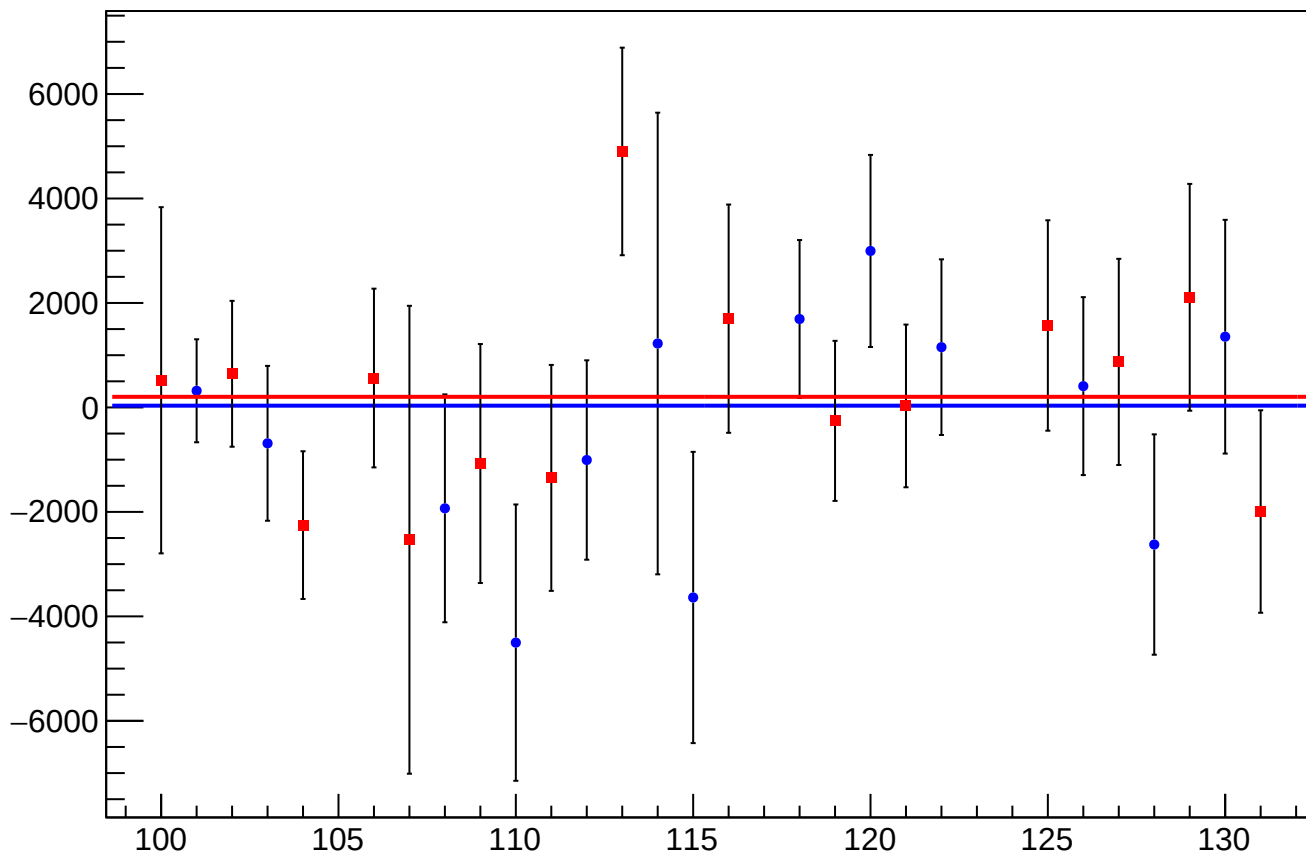
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 783.484 $\pm$ 0.162 χ^2 /NDF: 19160.9/27

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

asym_us_avg_eigen_cor_correction_mean vs Slug



Right In: 33.856+/-491.030 χ^2/NDF : 12.4/12

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

Right Out: 203.253+/-488.909 χ^2/NDF : 13.2/14

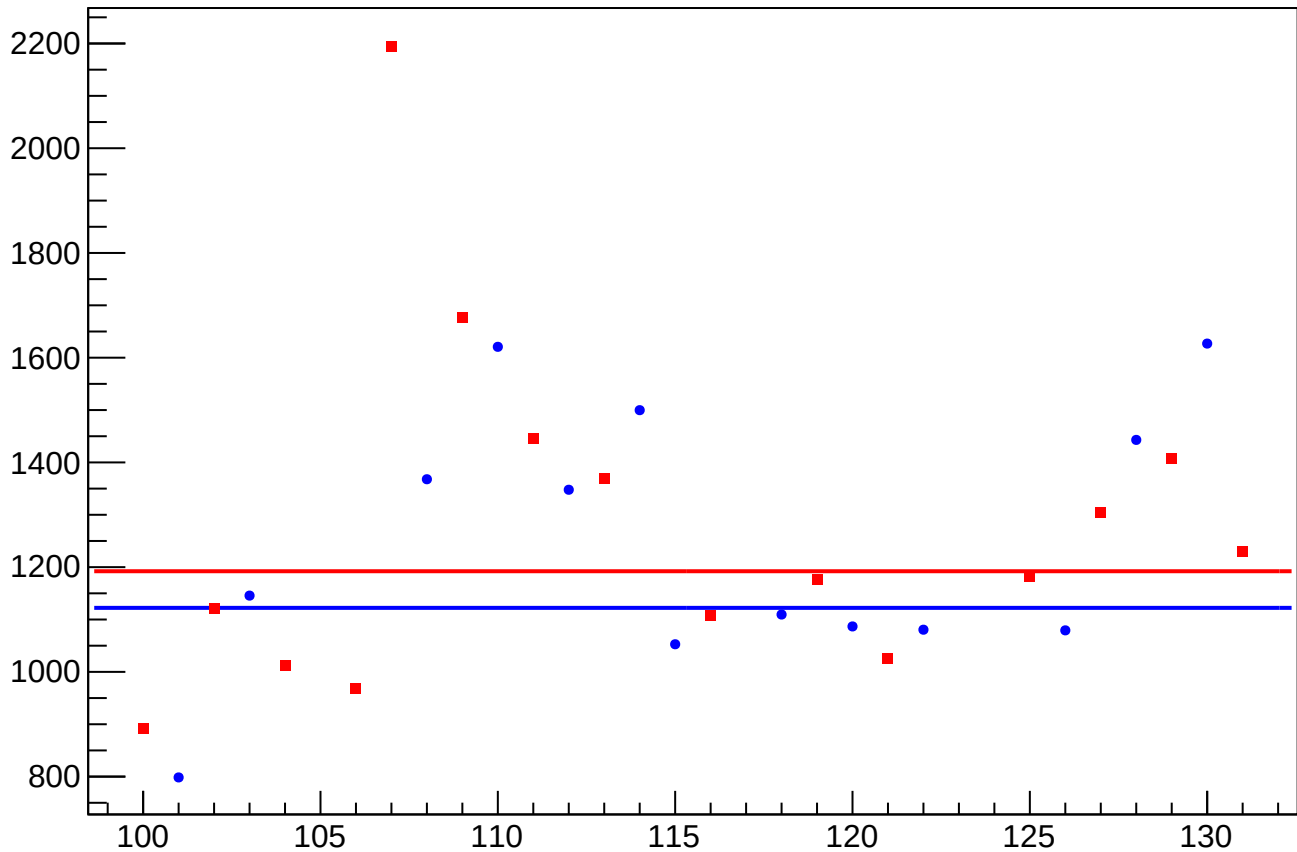
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.921+/-346.458 χ^2/NDF : 25.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_cor_correction_rms vs Slug



Right In: 1122.259+/-0.347 χ^2/NDF : 507804.5/12

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

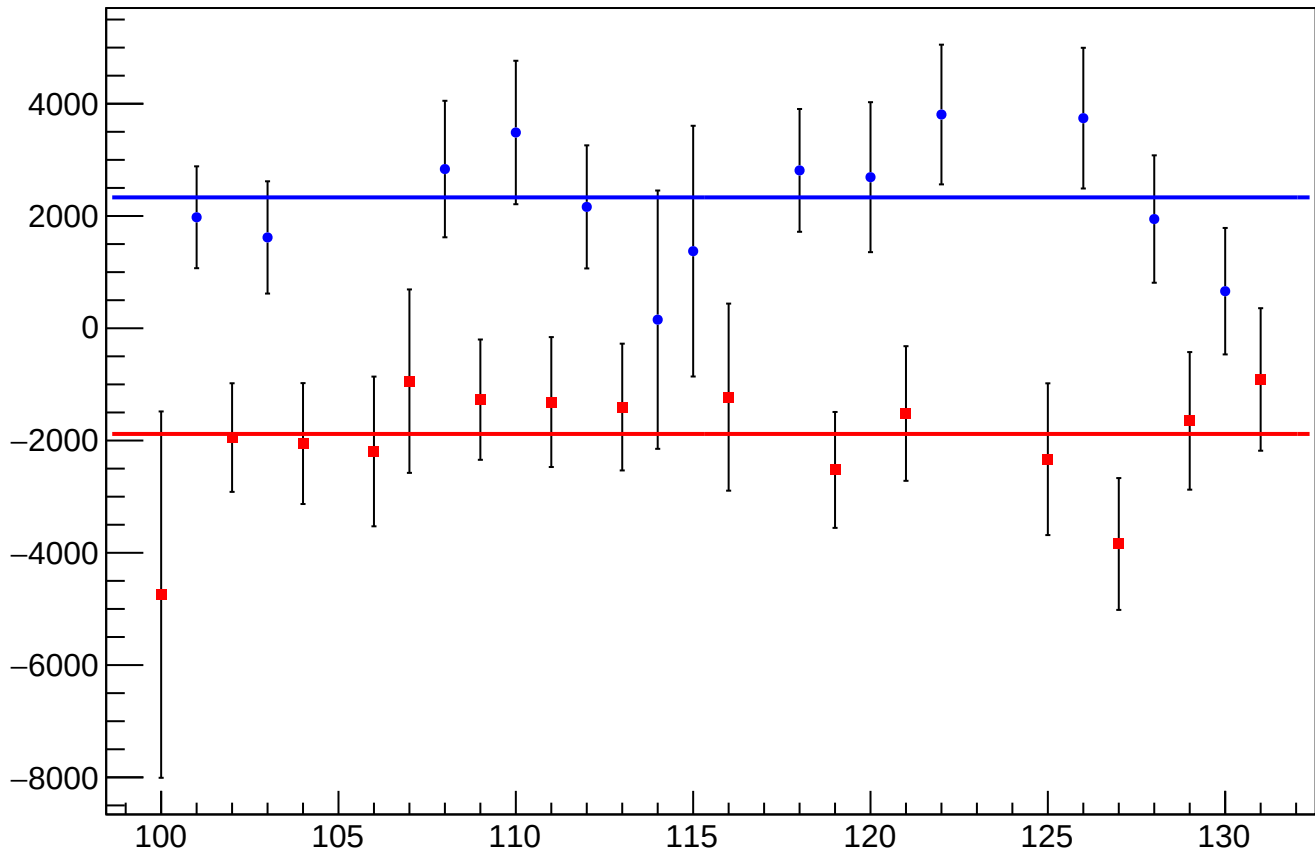
Right Out: 1192.205+/-0.346 χ^2/NDF : 374731.2/14

All: 1157.384+/-0.245 χ^2/NDF : 902914.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_asym_us_avg_mean vs Slug



Right In: 2331.789+/-333.935 χ^2/NDF : 8.0/12

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

Right Out: -1882.471+/-317.572 χ^2/NDF : 6.1/14

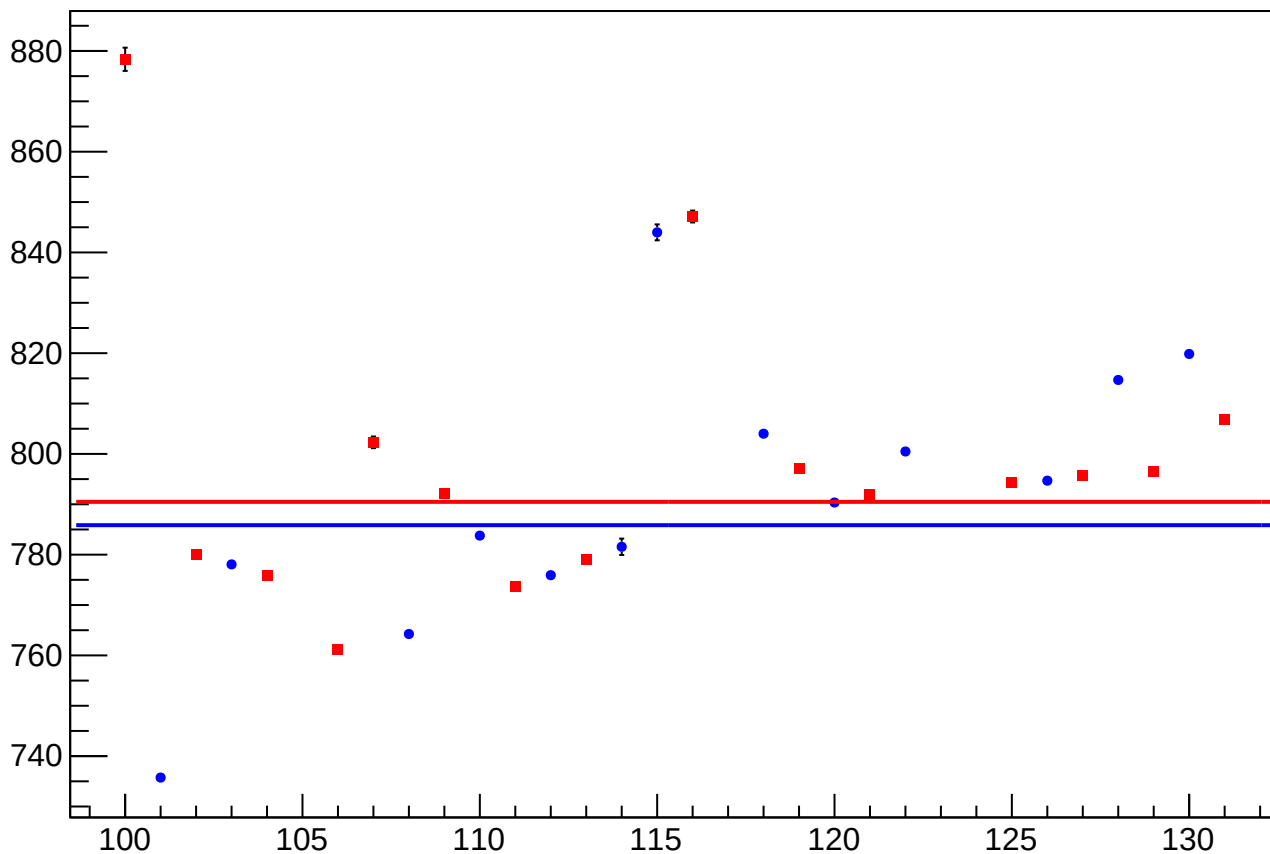
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.886+/-230.125 χ^2/NDF : 97.7/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_rms vs Slug



Right In: 785.853 $\pm$ 0.236 χ^2 /NDF: 12445.3/12

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

Right Out: 790.485 $\pm$ 0.225 χ^2 /NDF: 6584.3/14

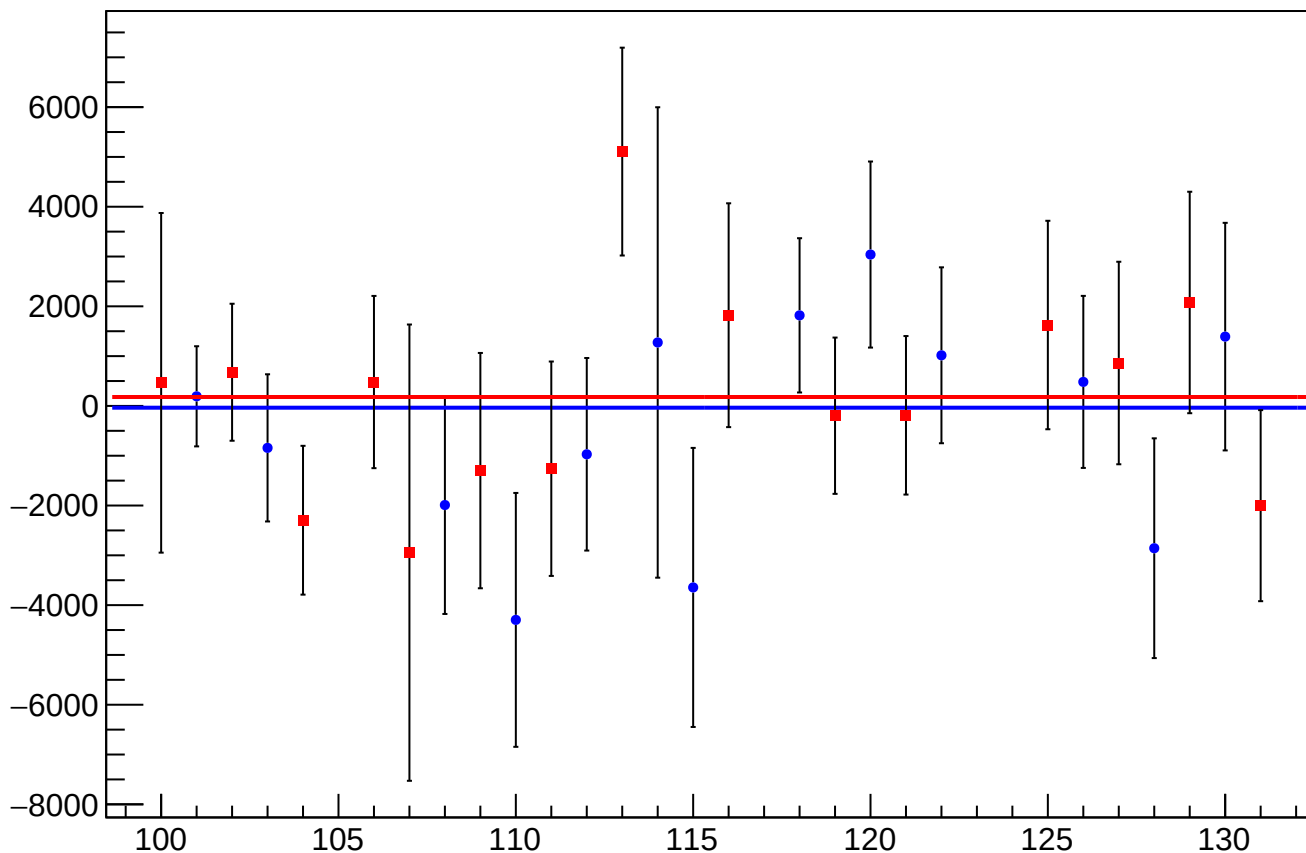
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 788.286 $\pm$ 0.163 χ^2 /NDF: 19231.7/27

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

asym_us_avg_dit_correction_mean vs Slug



Right In: -35.523+/-499.648 χ^2/NDF : 12.5/12

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

Right Out: 179.205+/-499.229 χ^2/NDF : 13.0/14

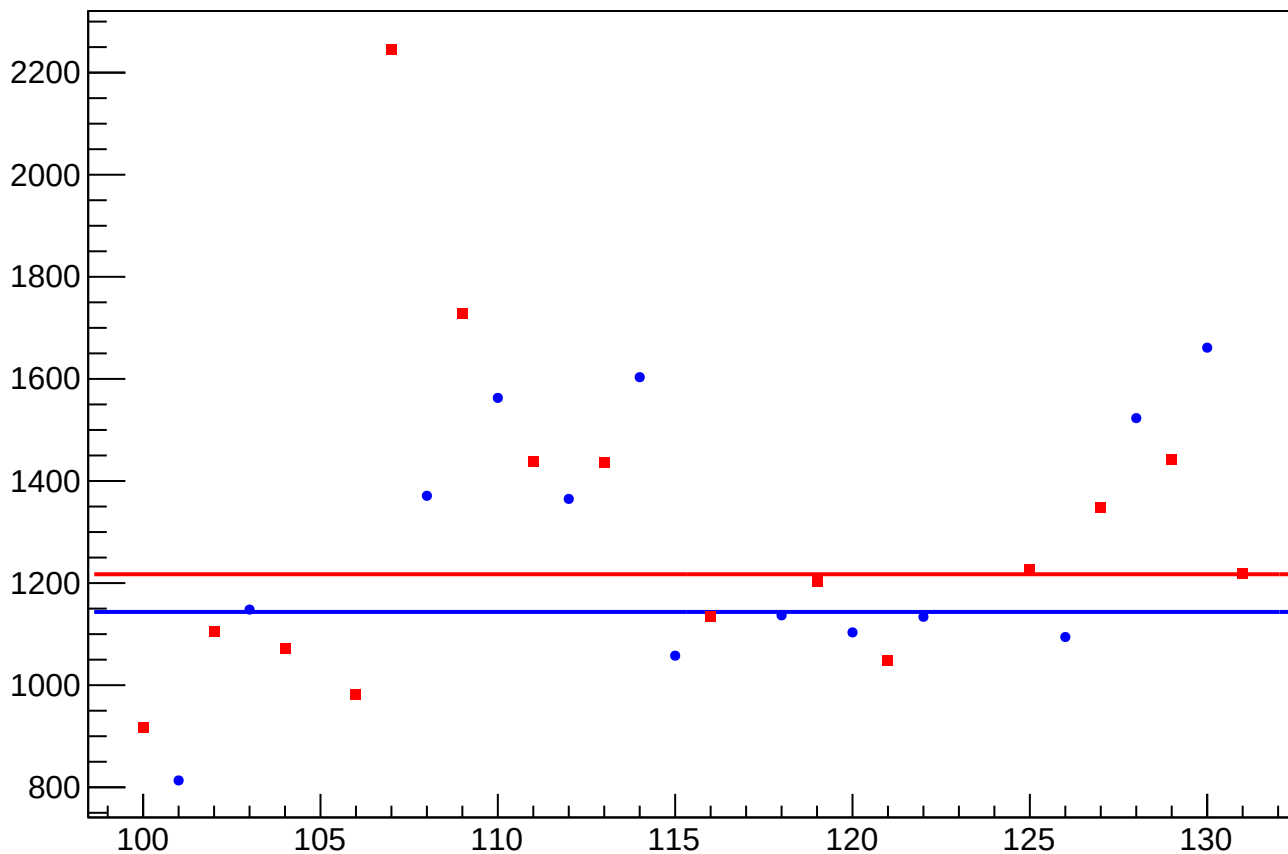
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.931+/-353.156 χ^2/NDF : 25.7/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_correction_rms vs Slug



Right In: 1143.493+/-0.353 χ^2/NDF : 502912.2/12

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

Right Out: 1217.334+/-0.353 χ^2/NDF : 376367.9/14

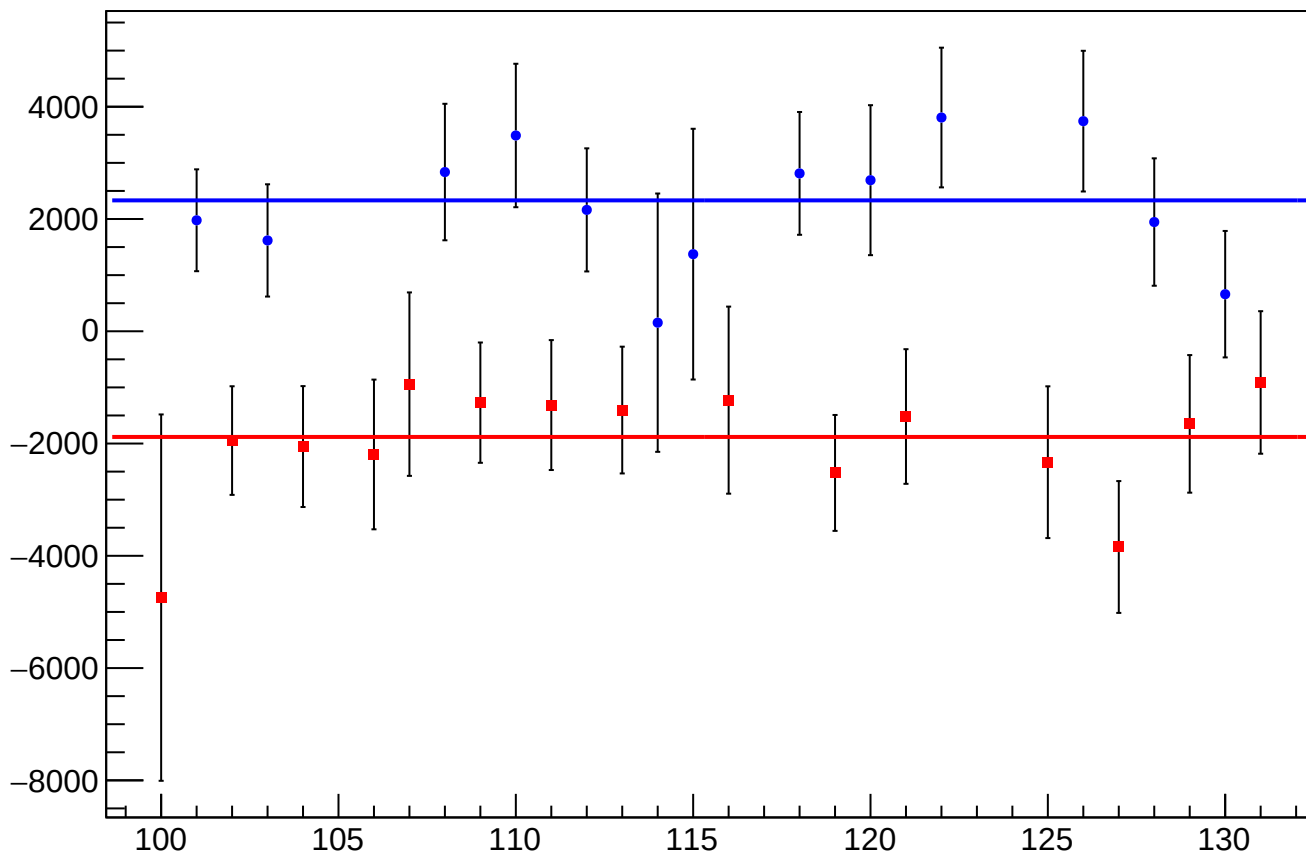
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1180.445+/-0.250 χ^2/NDF : 901139.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_mean vs Slug



Right In: 2331.791 $\pm$ 333.935 χ^2 /NDF: 8.0/12

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

Right Out: -1882.470 $\pm$ 317.572 χ^2 /NDF: 6.1/14

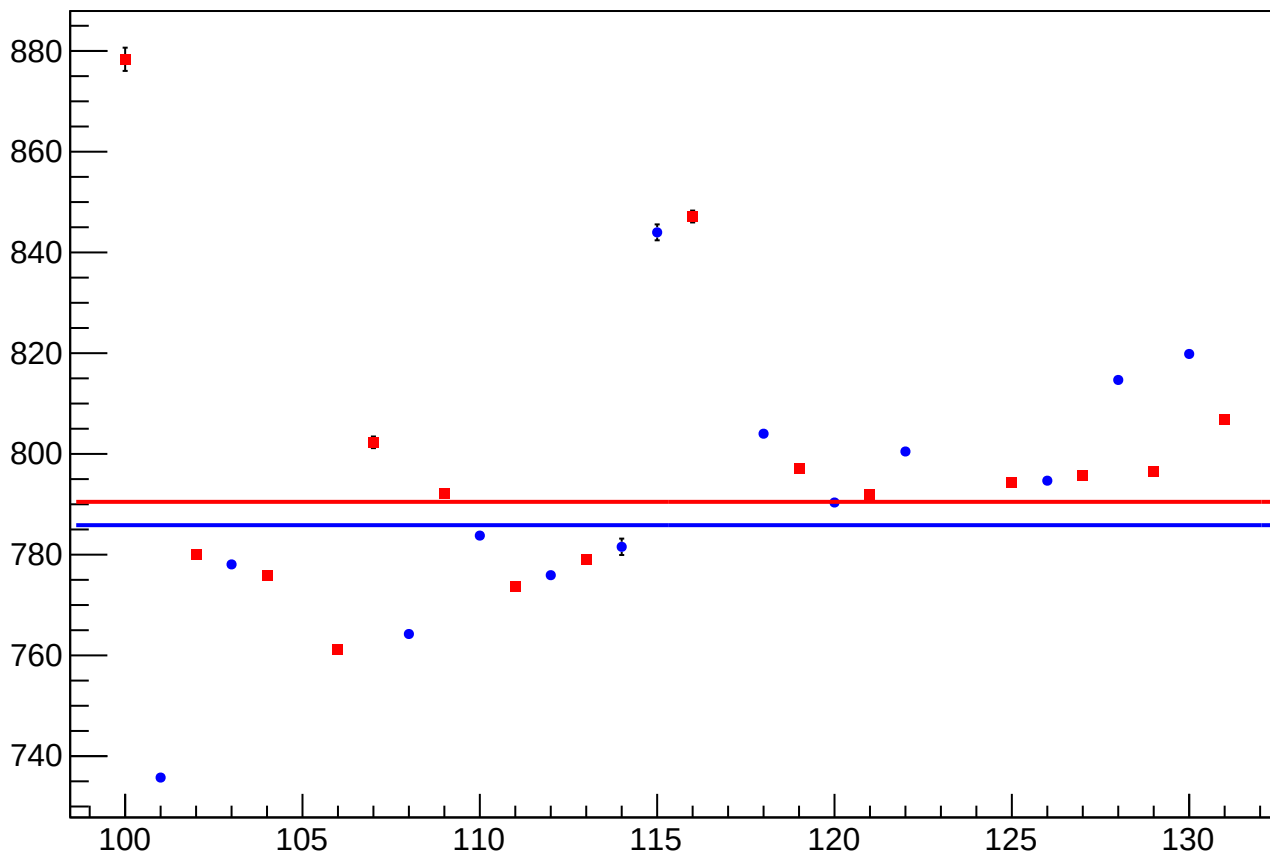
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 118.887 $\pm$ 230.125 χ^2 /NDF: 97.7/27

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

eigen_dit_asym_us_avg_rms vs Slug



Right In: 785.853 $\pm$ 0.236 χ^2 /NDF: 12445.2/12

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

Right Out: 790.485 $\pm$ 0.225 χ^2 /NDF: 6584.3/14

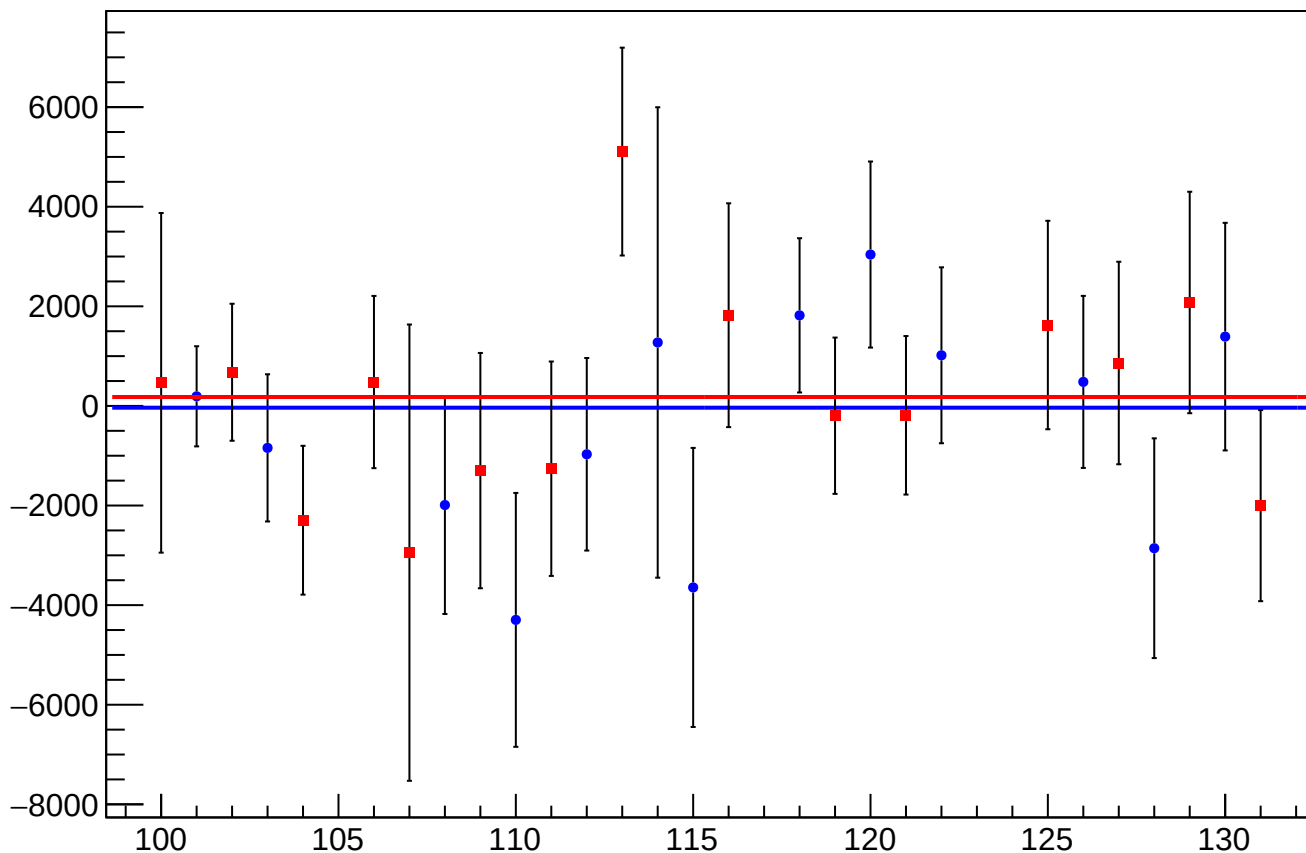
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 788.285 $\pm$ 0.163 χ^2 /NDF: 19231.6/27

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

asym_us_avg_eigen_dit_correction_mean vs Slug



Right In: -35.521+/-499.646 χ^2/NDF : 12.5/12

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

Right Out: 179.204+/-499.228 χ^2/NDF : 13.0/14

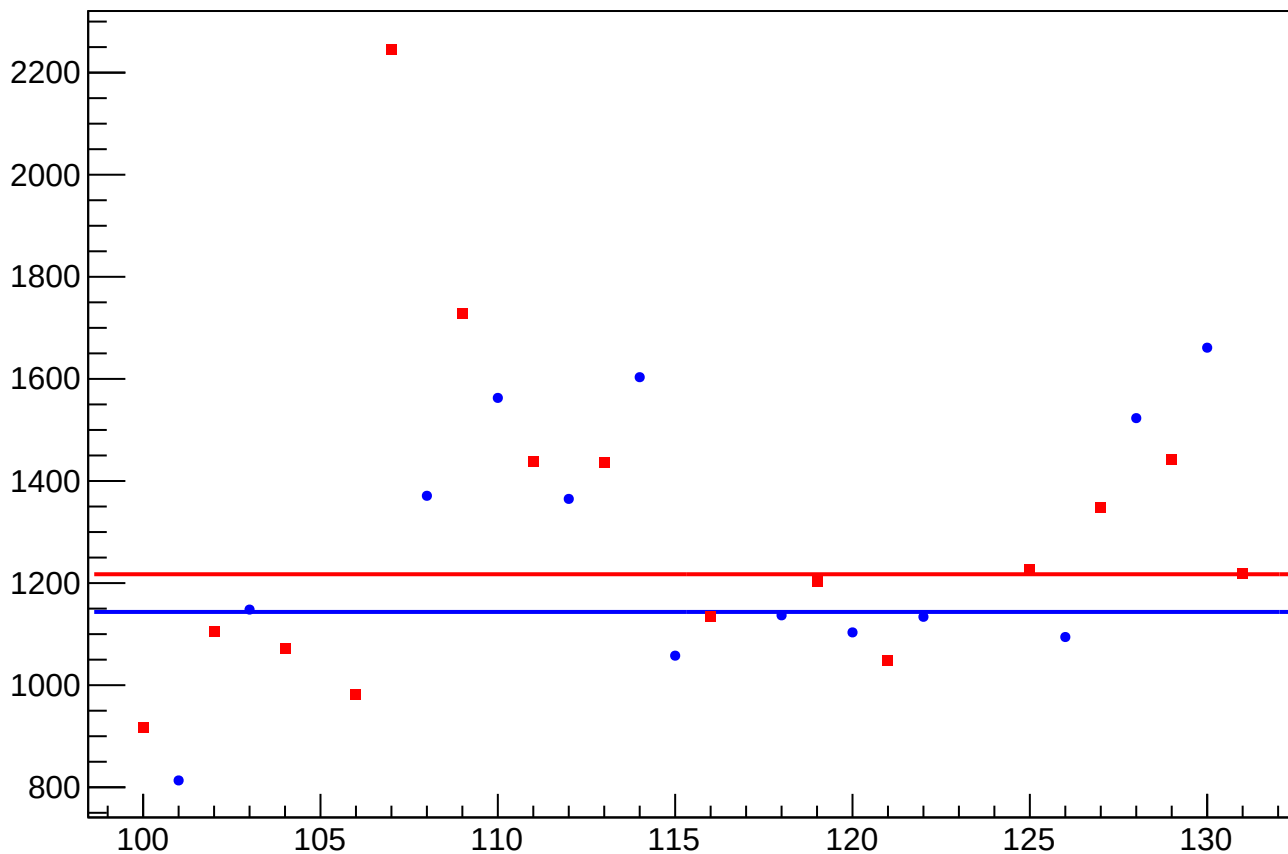
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.931+/-353.155 χ^2/NDF : 25.7/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_correction_rms vs Slug



Right In: 1143.490+/-0.353 χ^2/NDF : 502907.8/12

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

Right Out: 1217.331+/-0.353 χ^2/NDF : 376365.5/14

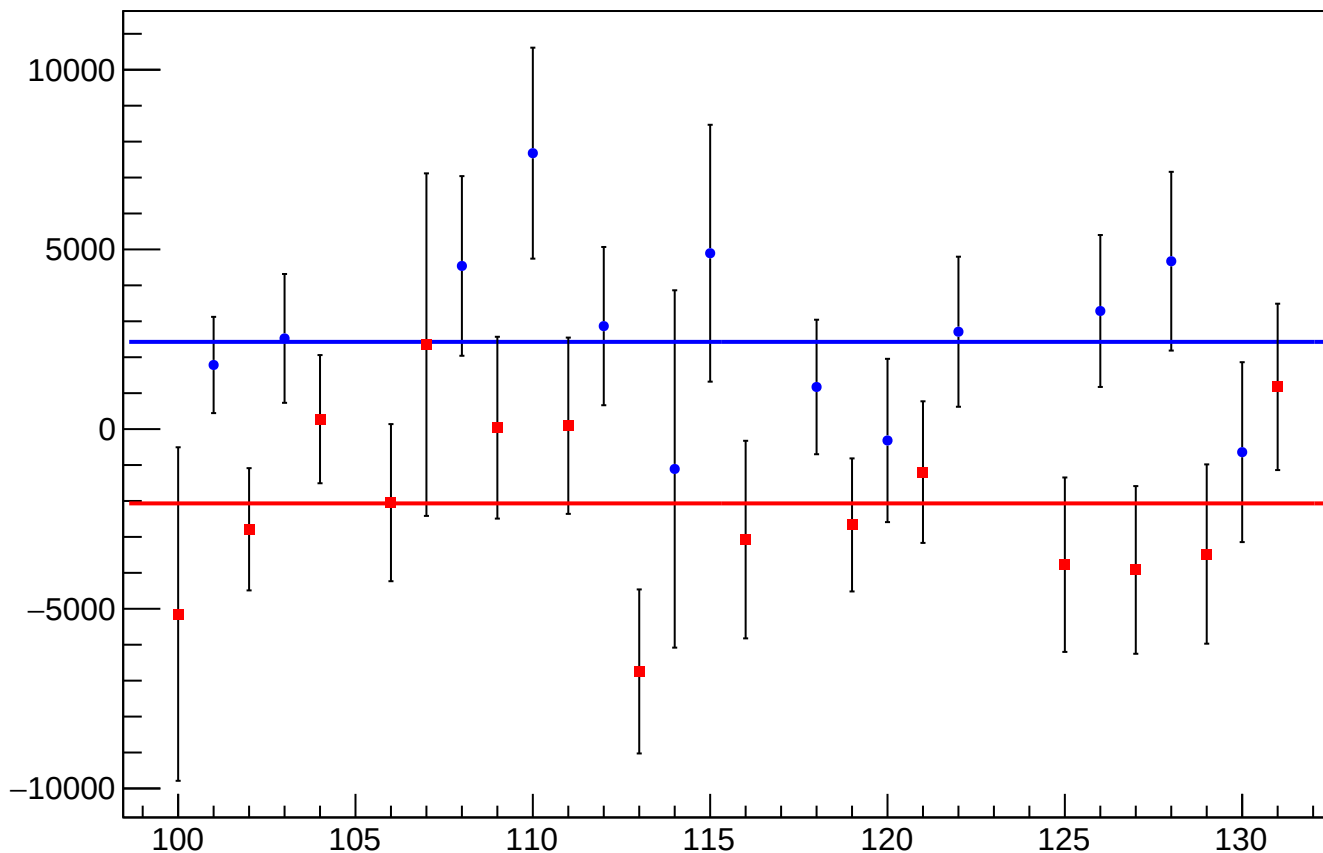
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1180.441+/-0.250 χ^2/NDF : 901132.2/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_mean vs Slug



Right In: 2427.321 $\pm$ 605.969 χ^2 /NDF: 9.6/12

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

Right Out: -2067.507 $\pm$ 591.671 χ^2 /NDF: 12.7/14

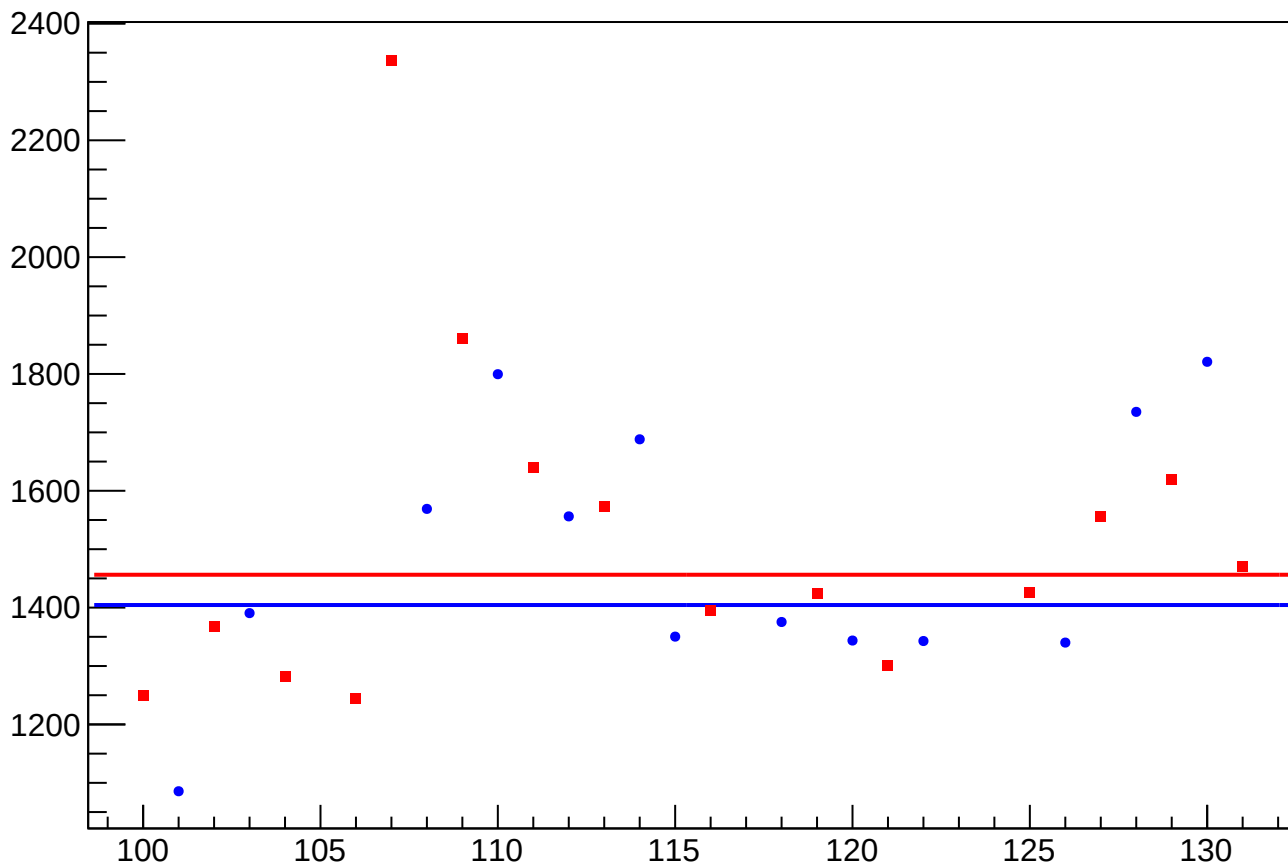
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 126.254 $\pm$ 423.339 χ^2 /NDF: 50.5/27

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

asym_us_avg_rms vs Slug



Right In: 1404.433+/-0.428 χ^2/NDF : 271034.6/12

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

Right Out: 1456.259+/-0.418 χ^2/NDF : 209711.7/14

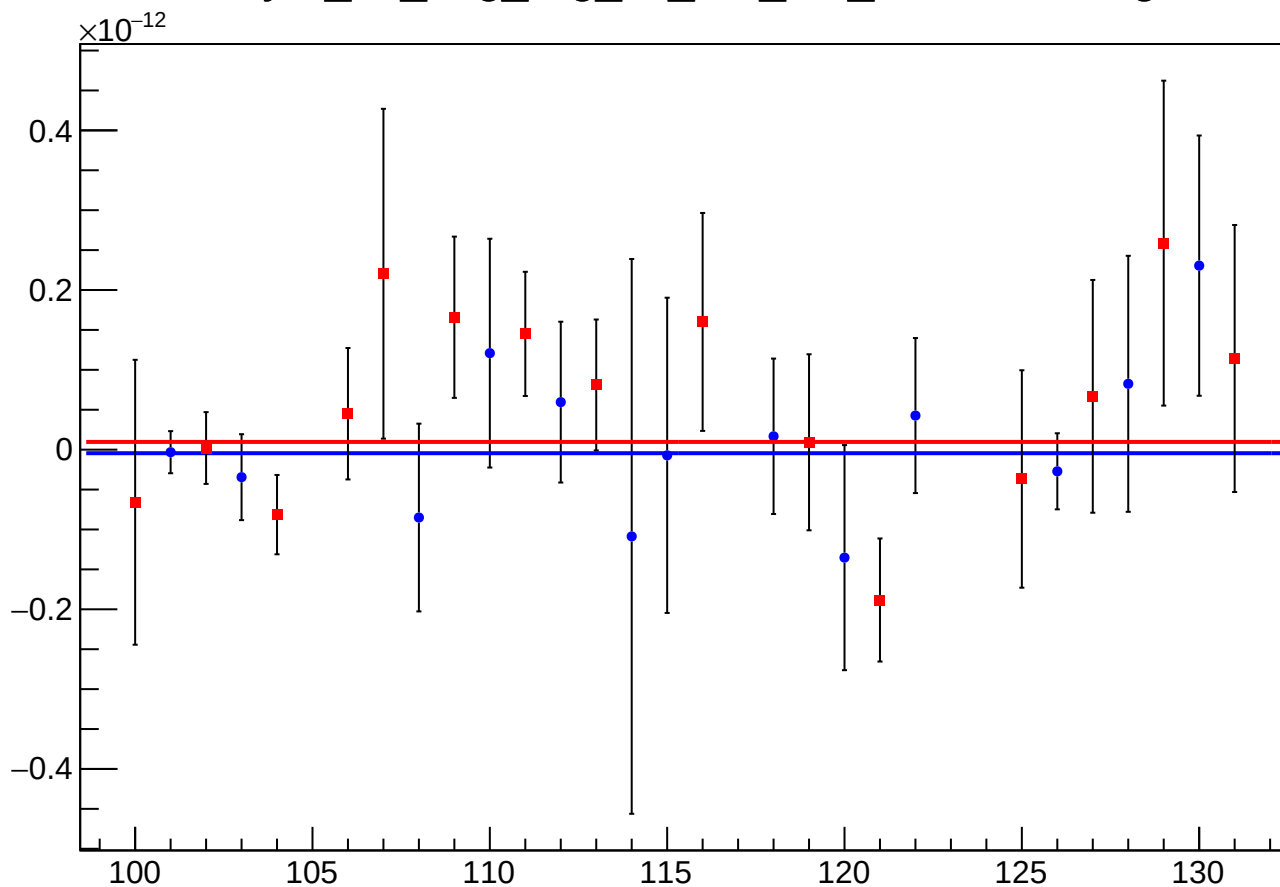
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1430.965+/-0.299 χ^2/NDF : 488235.8/27

- sign 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 : 5.8/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 20.9/14

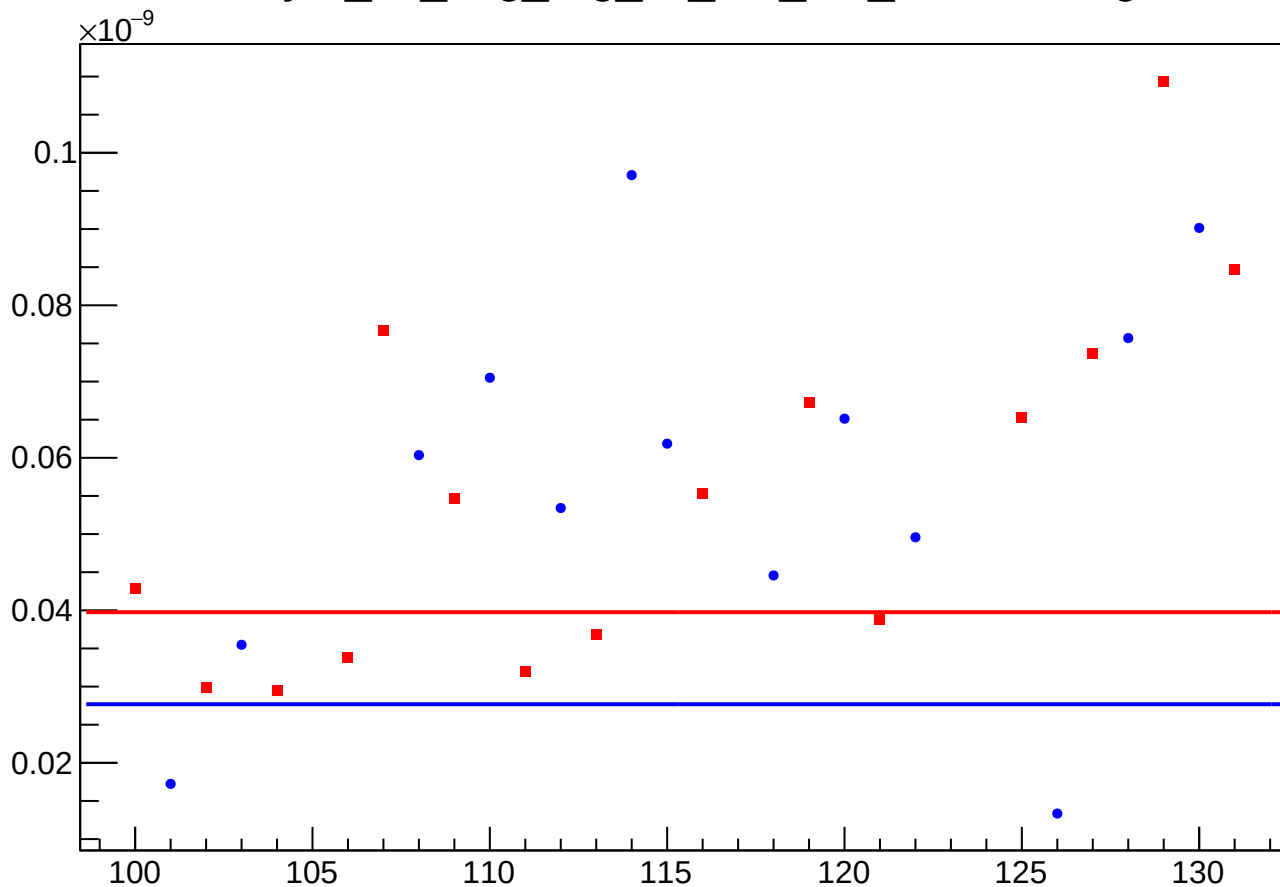
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.0/27

- 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 $\pm$ 0.000 χ^2 /NDF: 1915540.4/12

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1028709.4/14

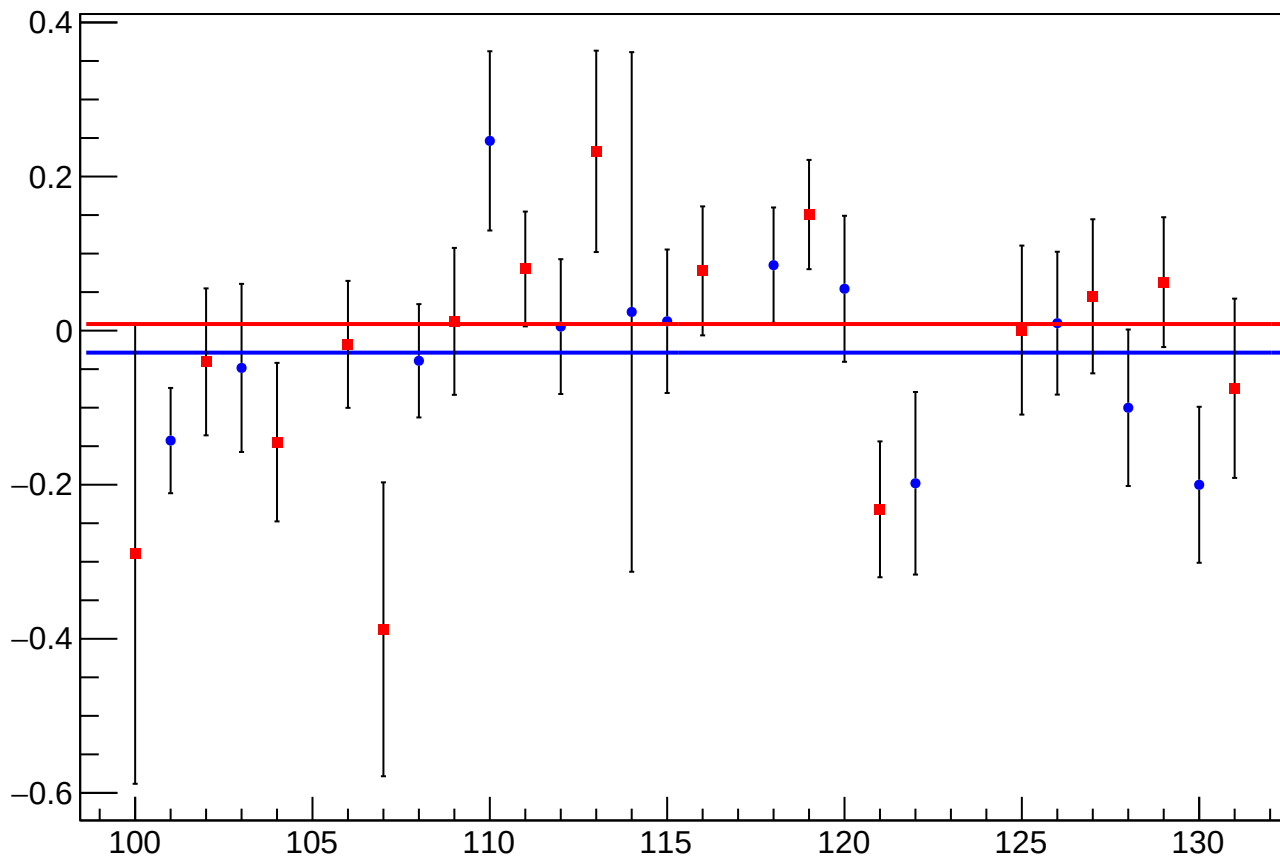
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3283060.7/27

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

asym_us_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.029 $\pm$ 0.026 χ^2 /NDF: 17.4/12

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

Right Out: 0.009 $\pm$ 0.025 χ^2 /NDF: 25.0/14

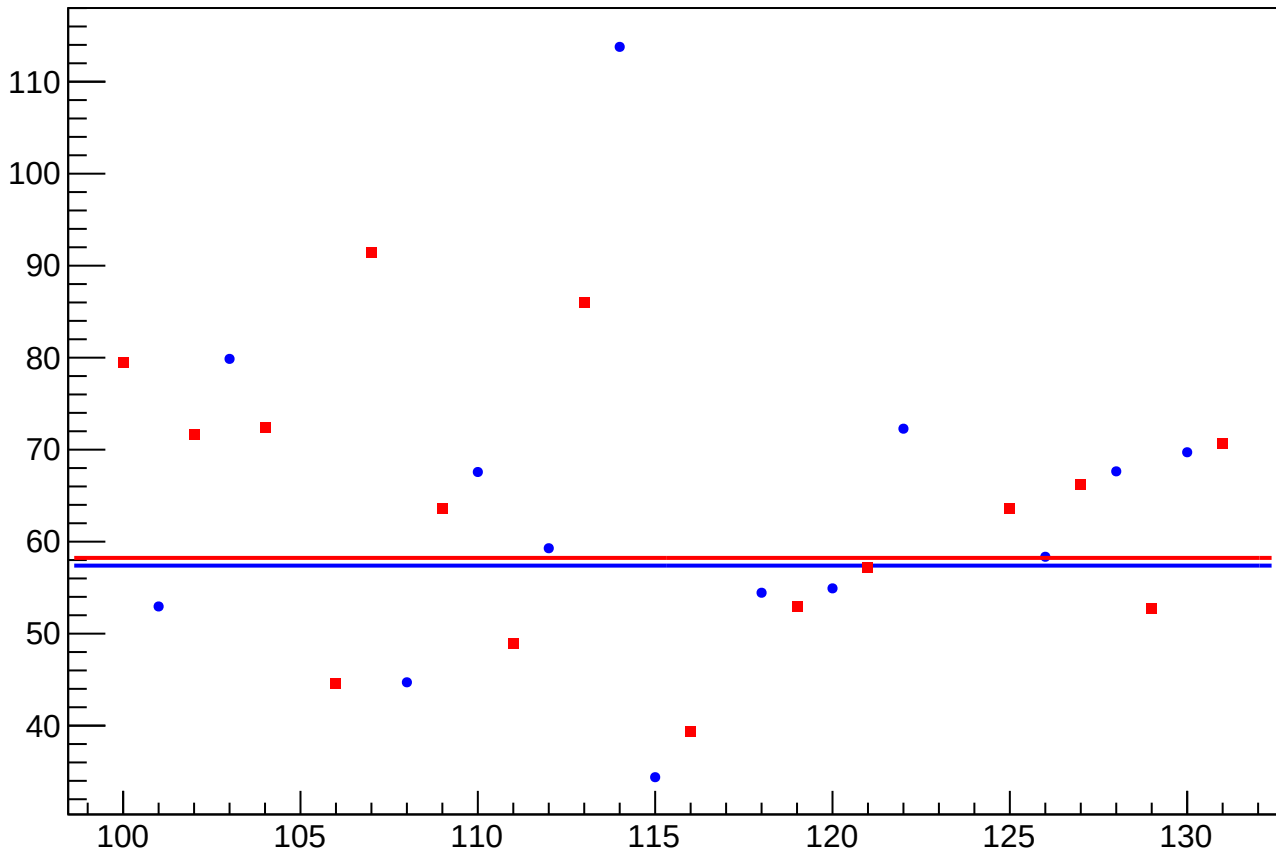
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.009 $\pm$ 0.018 χ^2 /NDF: 43.5/27

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

asym_us_avg_dit_vs_cor_diff_rms vs Slug



Right In: 57.396+/-0.018 χ^2/NDF : 433245.7/12

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

Right Out: 58.234+/-0.018 χ^2/NDF : 492715.7/14

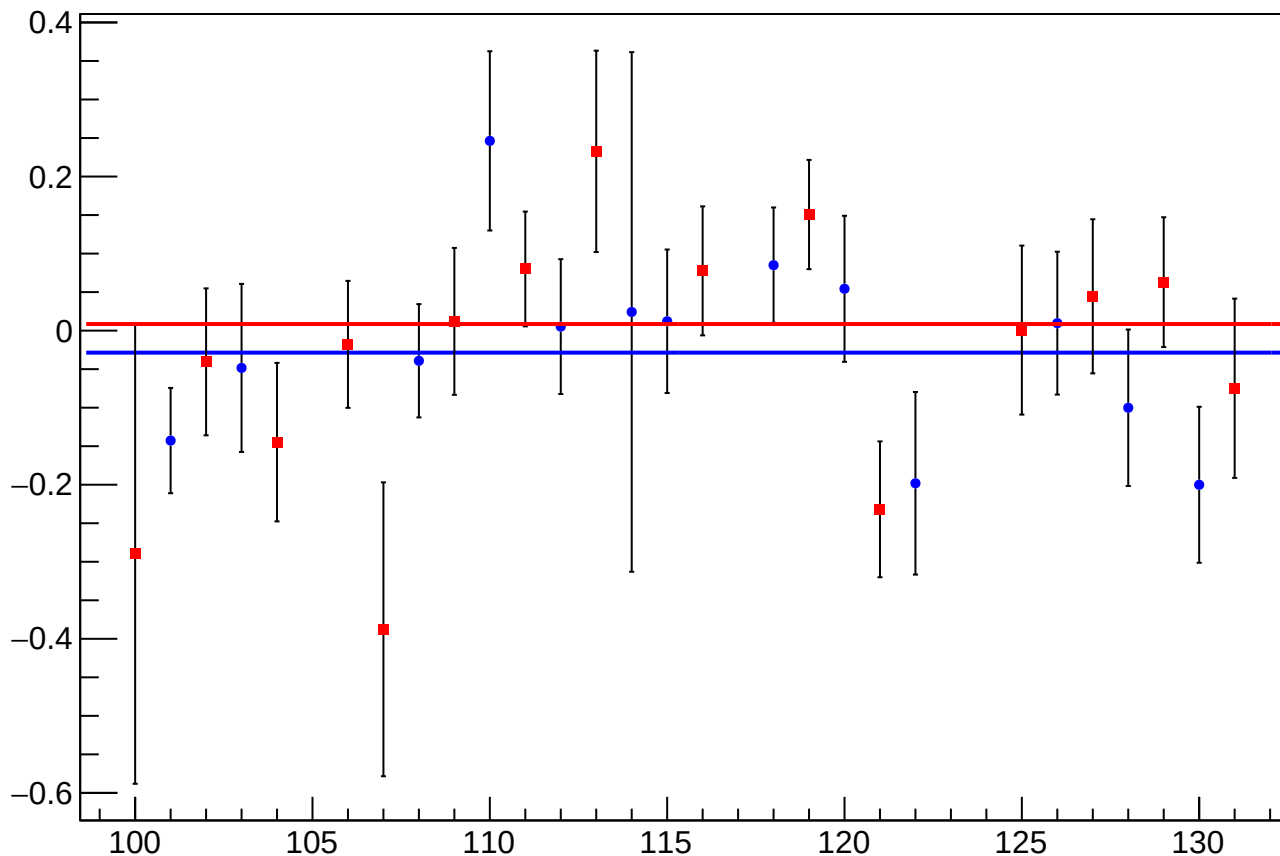
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.831+/-0.013 χ^2/NDF : 927045.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.029 ± 0.026 χ^2/NDF : 17.4/12

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

Right Out: 0.009 ± 0.025 χ^2/NDF : 25.0/14

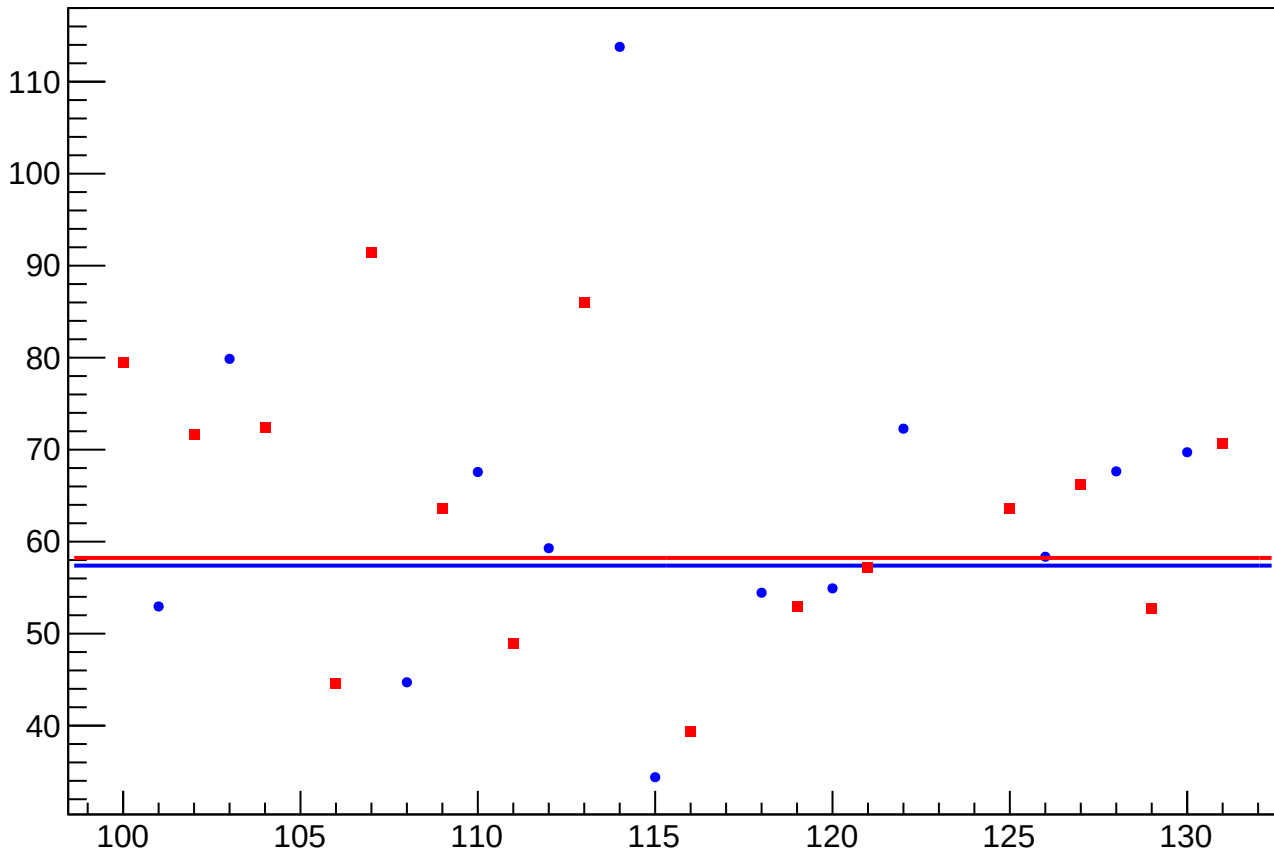
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.018 χ^2/NDF : 43.5/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 57.396+/-0.018 χ^2/NDF : 433245.7/12

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

Right Out: 58.234+/-0.018 χ^2/NDF : 492715.7/14

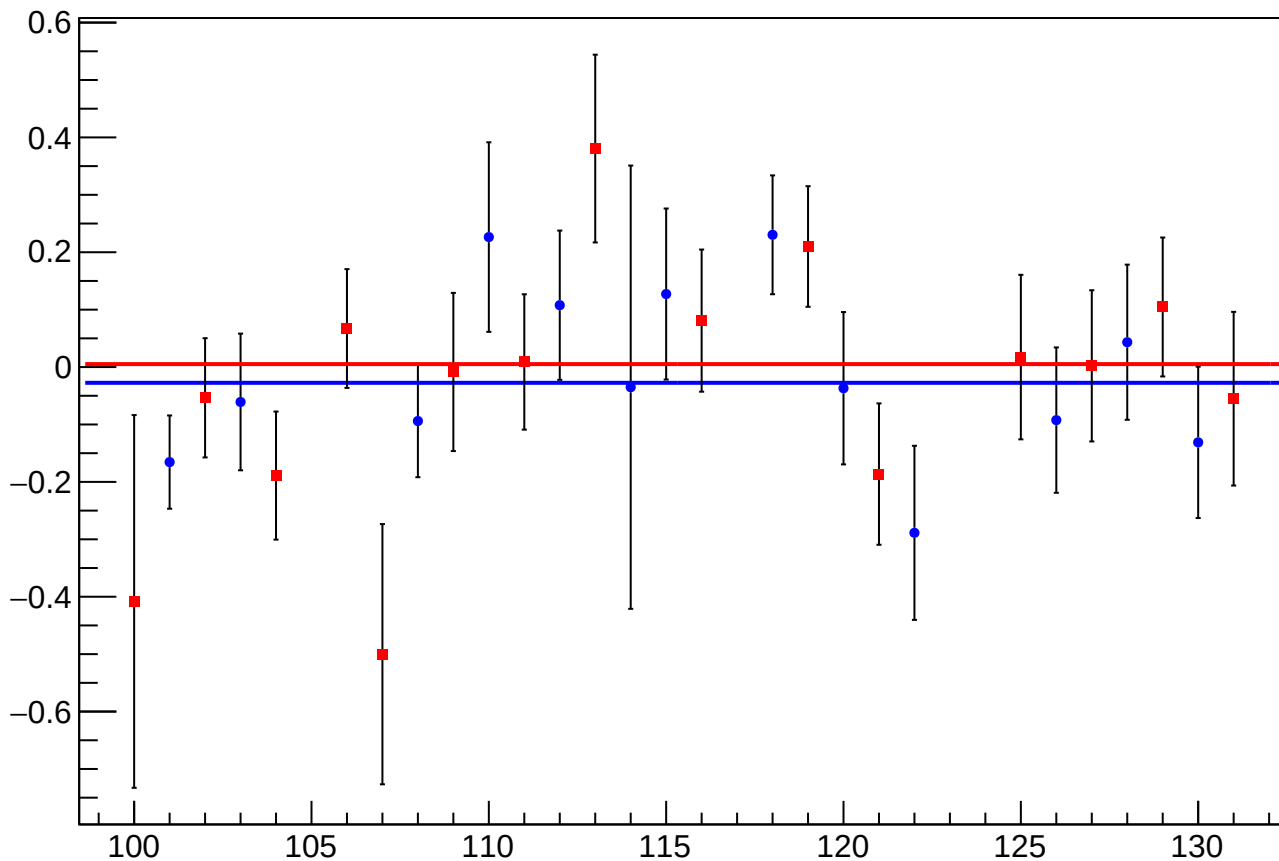
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.831+/-0.013 χ^2/NDF : 927045.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.027+/-0.034 χ^2/NDF : 18.3/12

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

Right Out: 0.005+/-0.033 χ^2/NDF : 23.0/14

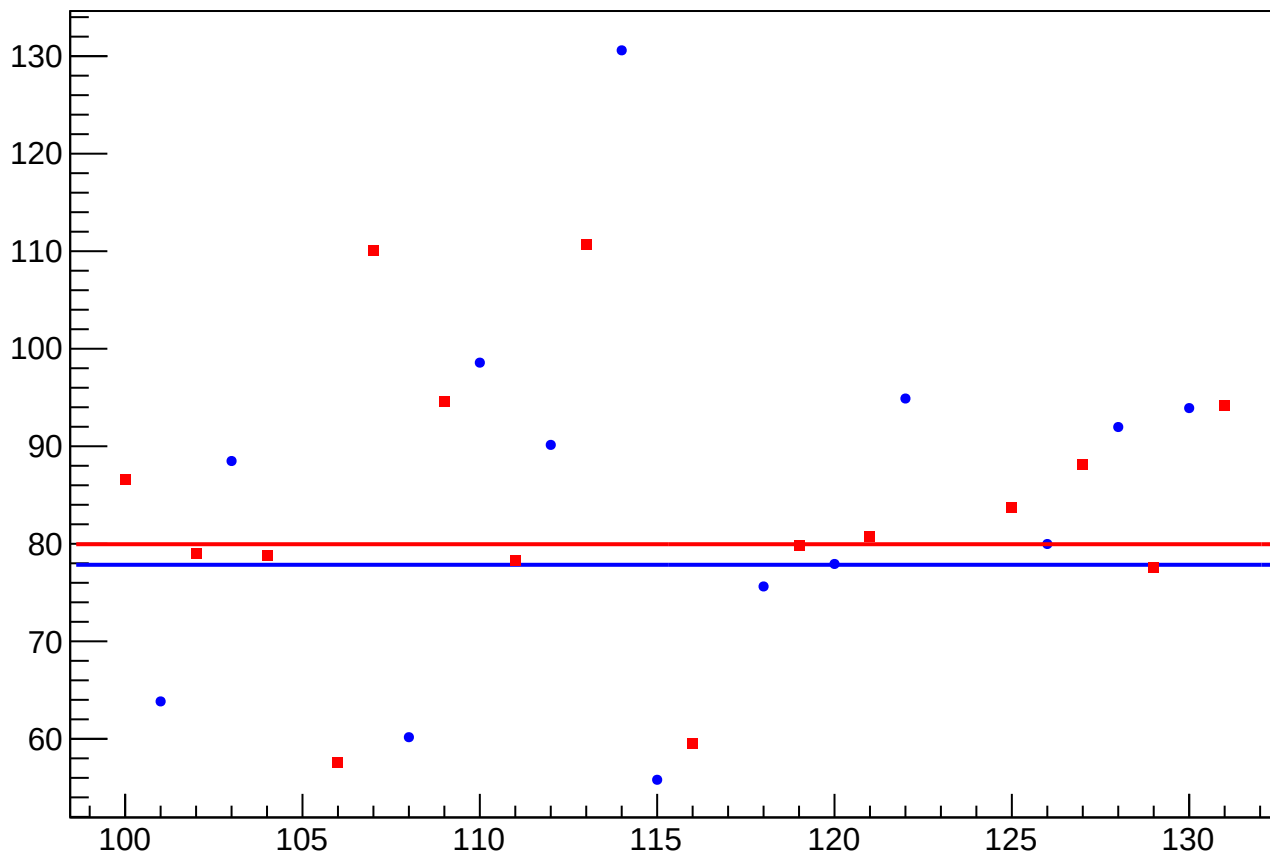
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.024 χ^2/NDF : 41.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_vs_overload_cor_diff_rms vs Slug



Right In: 77.847 $\pm$ 0.024 χ^2 /NDF: 349714.4/12

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

Right Out: 79.956 $\pm$ 0.024 χ^2 /NDF: 305663.8/14

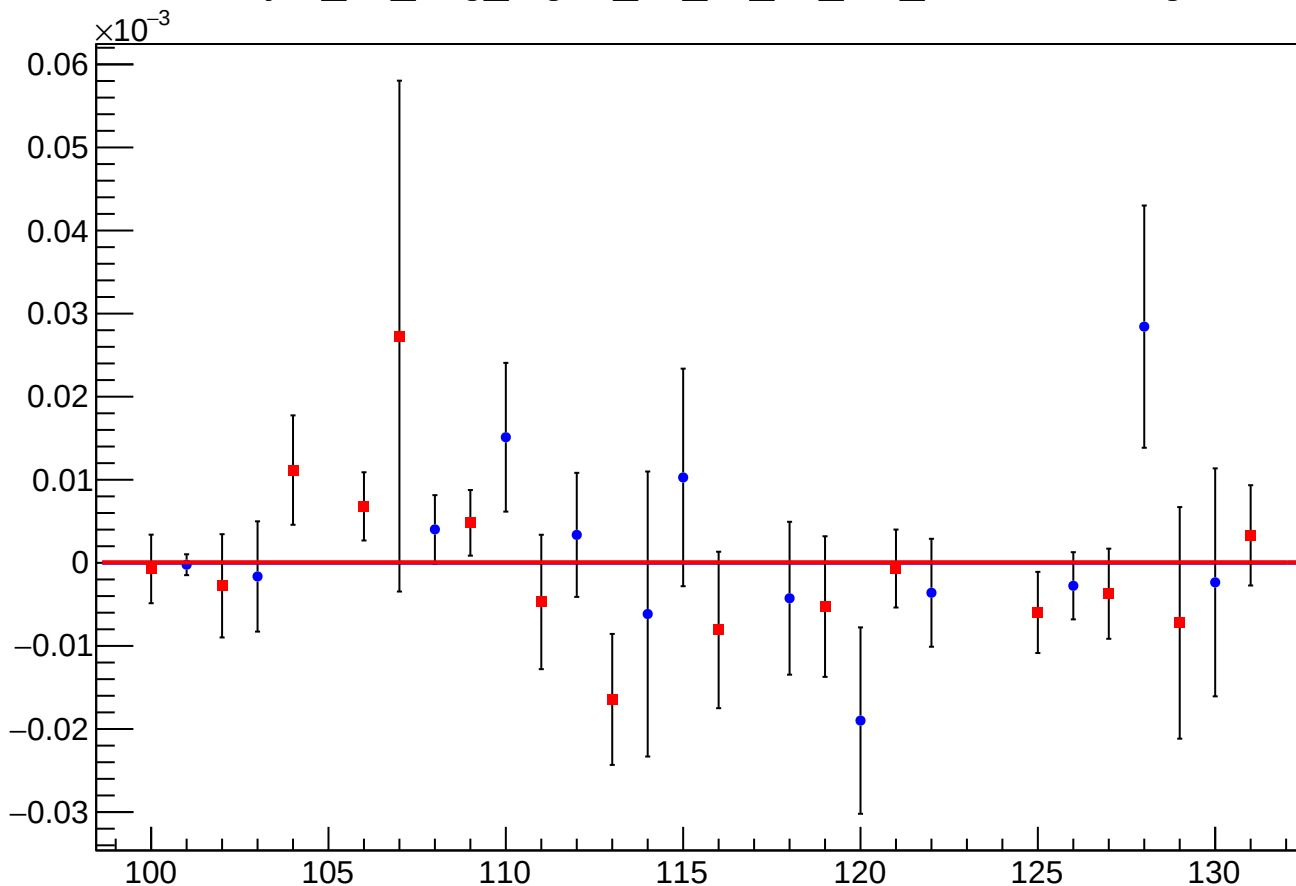
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 78.935 $\pm$ 0.017 χ^2 /NDF: 659247.4/27

- sign 0.000 $\pm$ 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: 12.5/12

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.5/14

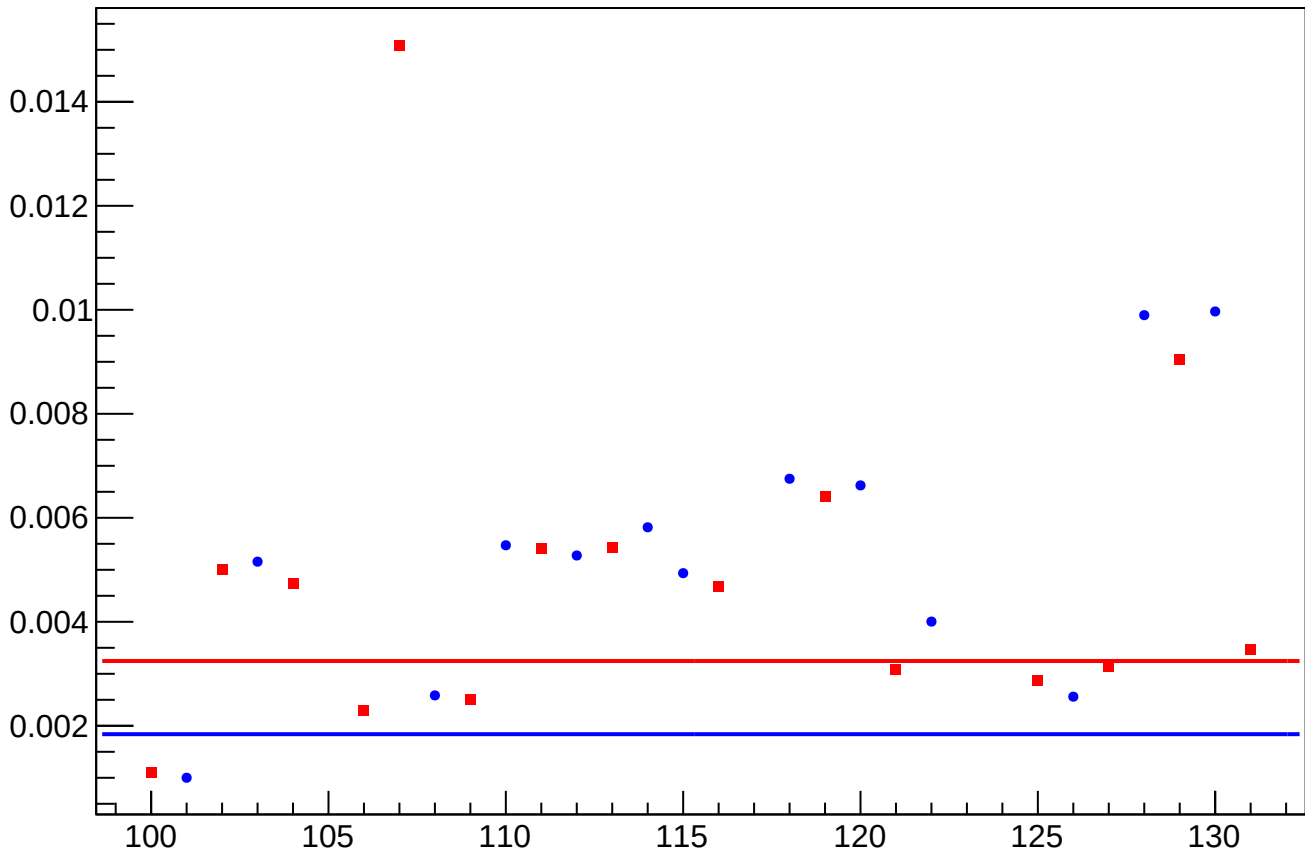
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 29.0/27

- 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 : 4958995.1/12

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

Right Out: 0.003+/-0.000 χ^2/NDF : 2257831.4/14

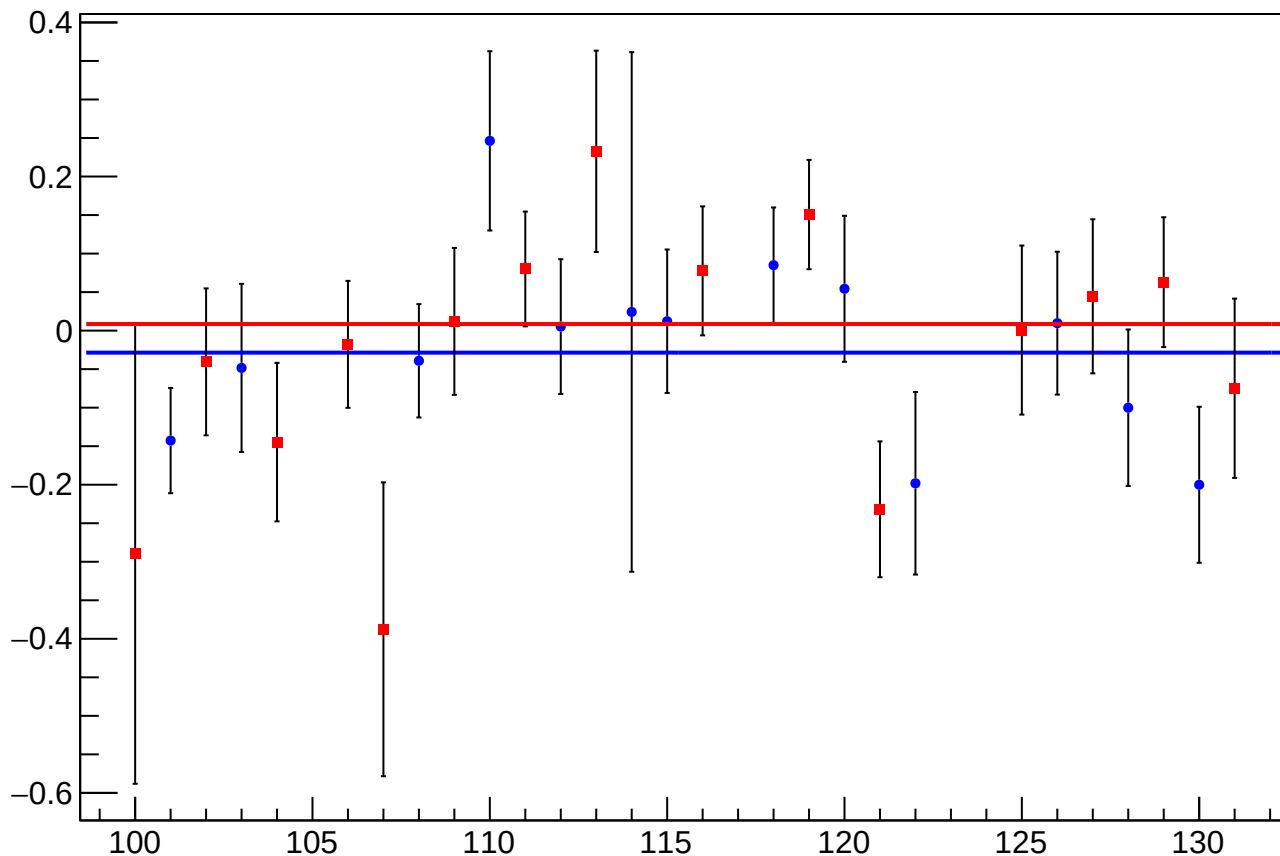
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 8378358.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.029+/-0.026 χ^2 /NDF: 17.4/12

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

Right Out: 0.009+/-0.025 χ^2 /NDF: 25.0/14

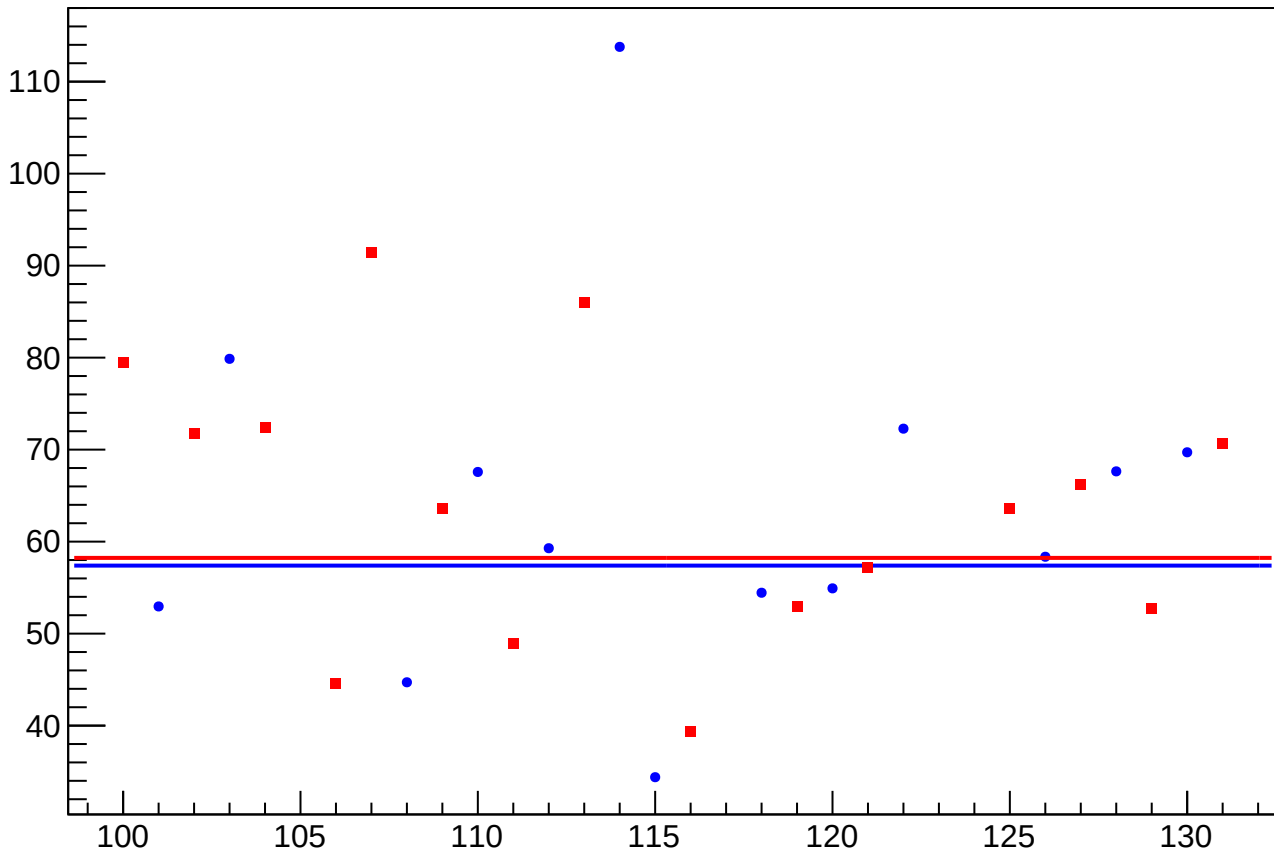
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.009+/-0.018 χ^2 /NDF: 43.5/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 57.394+/-0.018 χ^2/NDF : 433240.1/12

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

Right Out: 58.232+/-0.018 χ^2/NDF : 492737.4/14

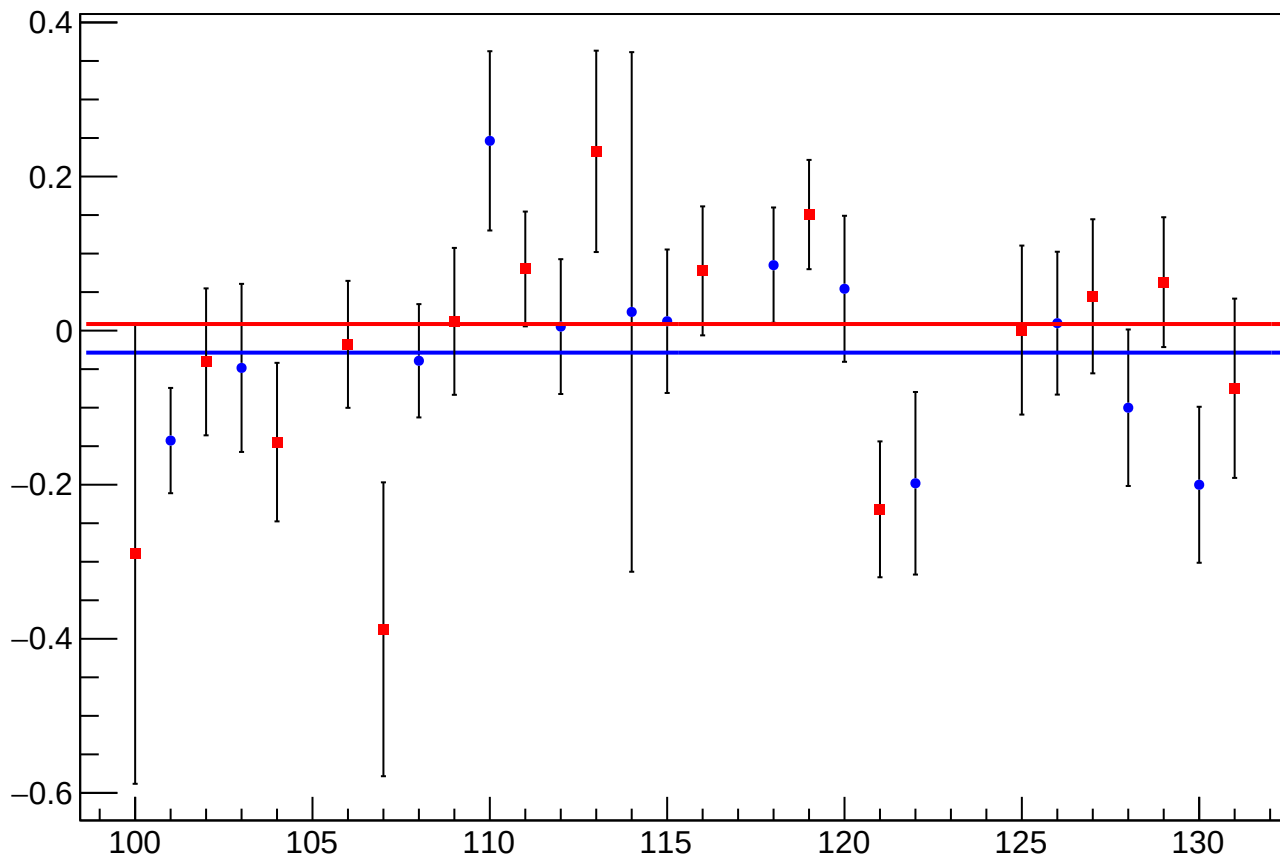
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.830+/-0.013 χ^2/NDF : 927060.7/27

- 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: -0.029 $\pm$ 0.026 χ^2 /NDF: 17.4/12

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

Right Out: 0.009 $\pm$ 0.025 χ^2 /NDF: 25.0/14

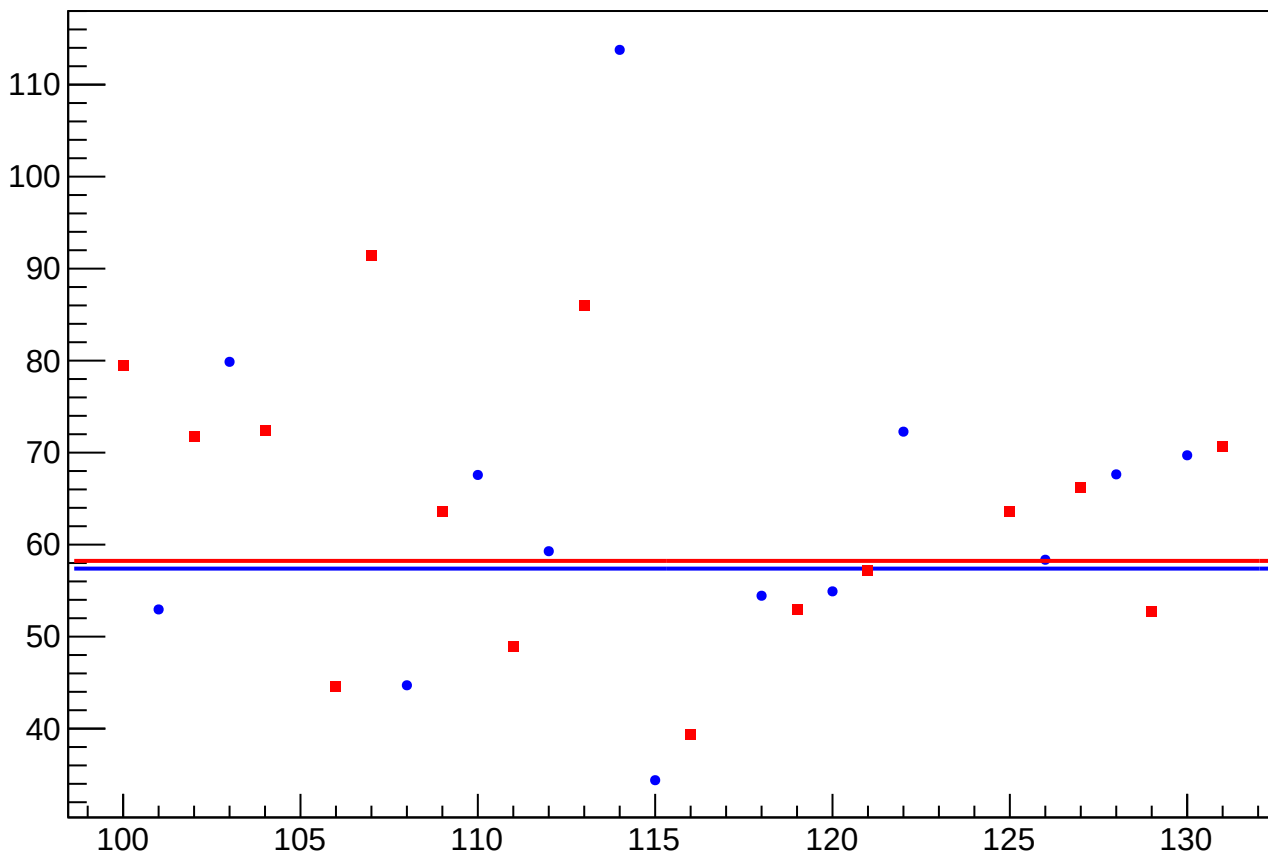
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.009 $\pm$ 0.018 χ^2 /NDF: 43.5/27

- 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: 57.394 $\pm$ 0.018 χ^2 /NDF: 433240.1/12

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

Right Out: 58.232 $\pm$ 0.018 χ^2 /NDF: 492737.4/14

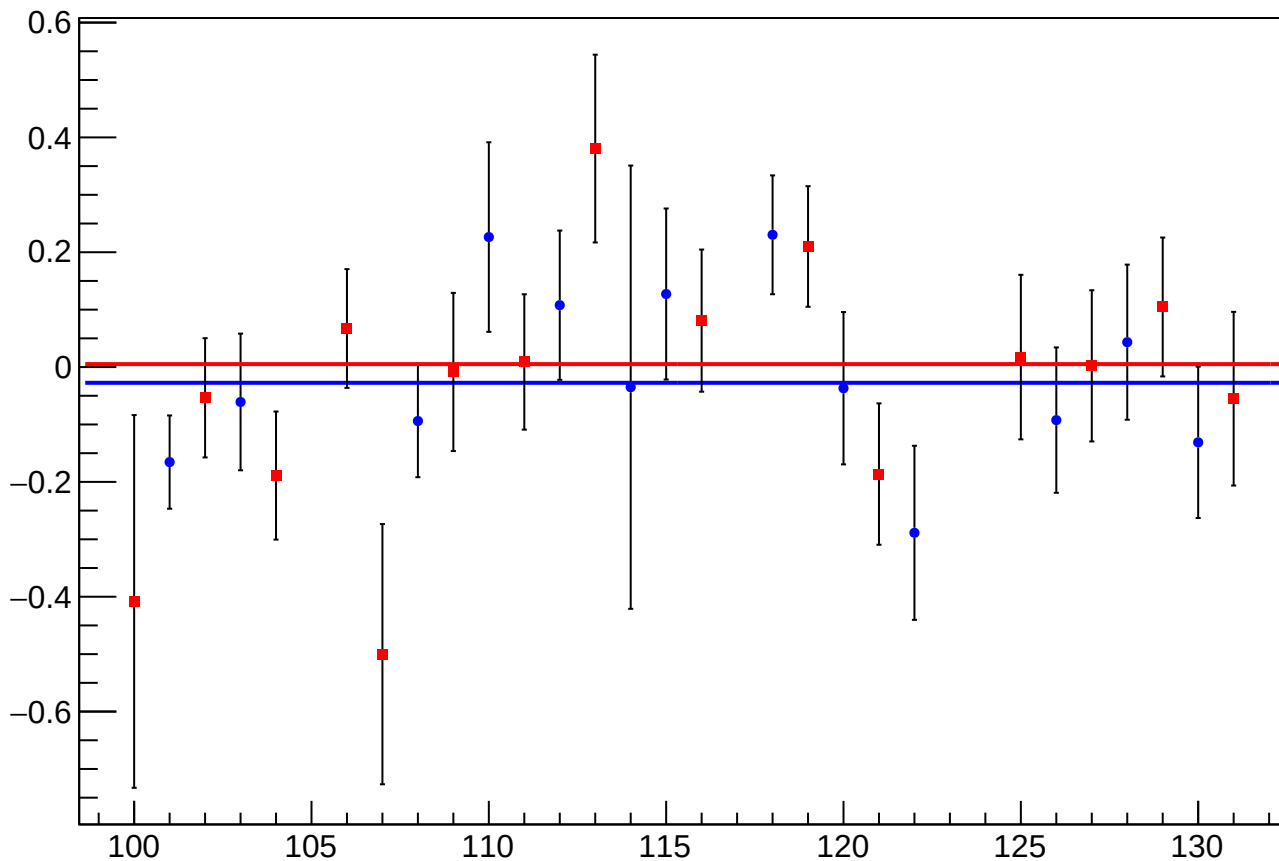
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 57.830 $\pm$ 0.013 χ^2 /NDF: 927060.7/27

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

asym_us_avg_eigen_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.027+/-0.034 χ^2/NDF : 18.3/12

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

Right Out: 0.005+/-0.033 χ^2/NDF : 23.0/14

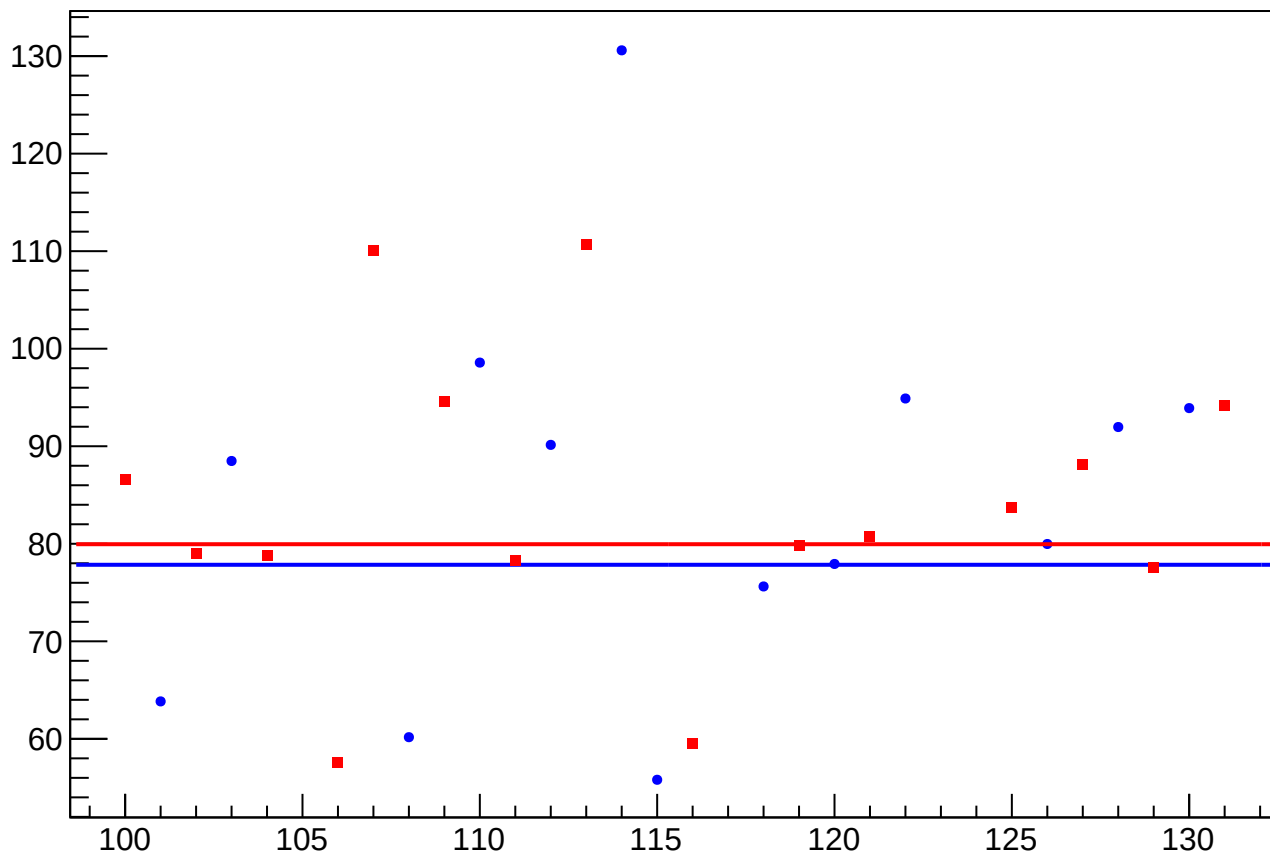
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.024 χ^2/NDF : 41.8/27

- 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: 77.846 $\pm$ 0.024 χ^2 /NDF: 349694.6/12

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

Right Out: 79.955 $\pm$ 0.024 χ^2 /NDF: 305659.5/14

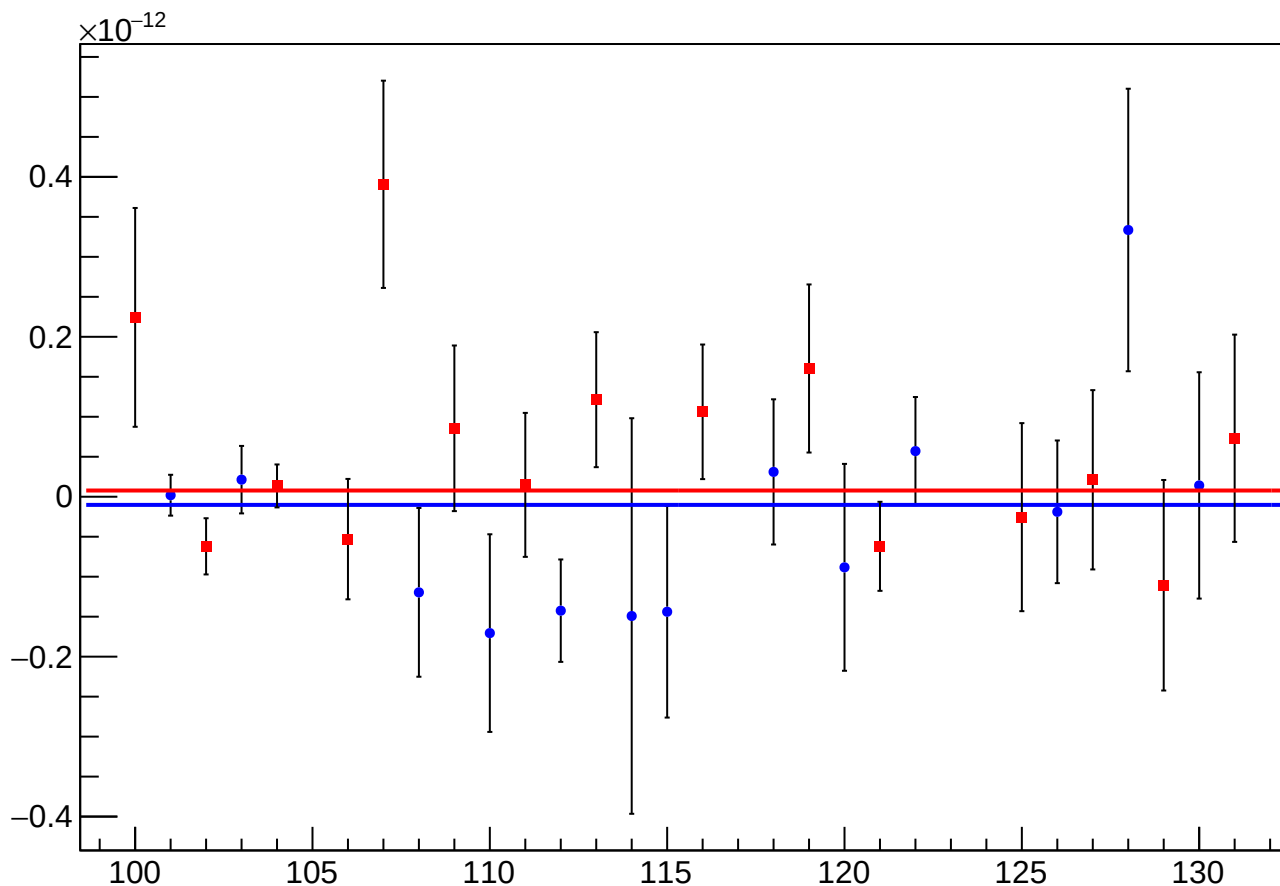
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 78.934 $\pm$ 0.017 χ^2 /NDF: 659222.8/27

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

asym_us_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 14.5/12

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

Right Out: 0.000 ± 0.000 χ^2/NDF : 24.5/14

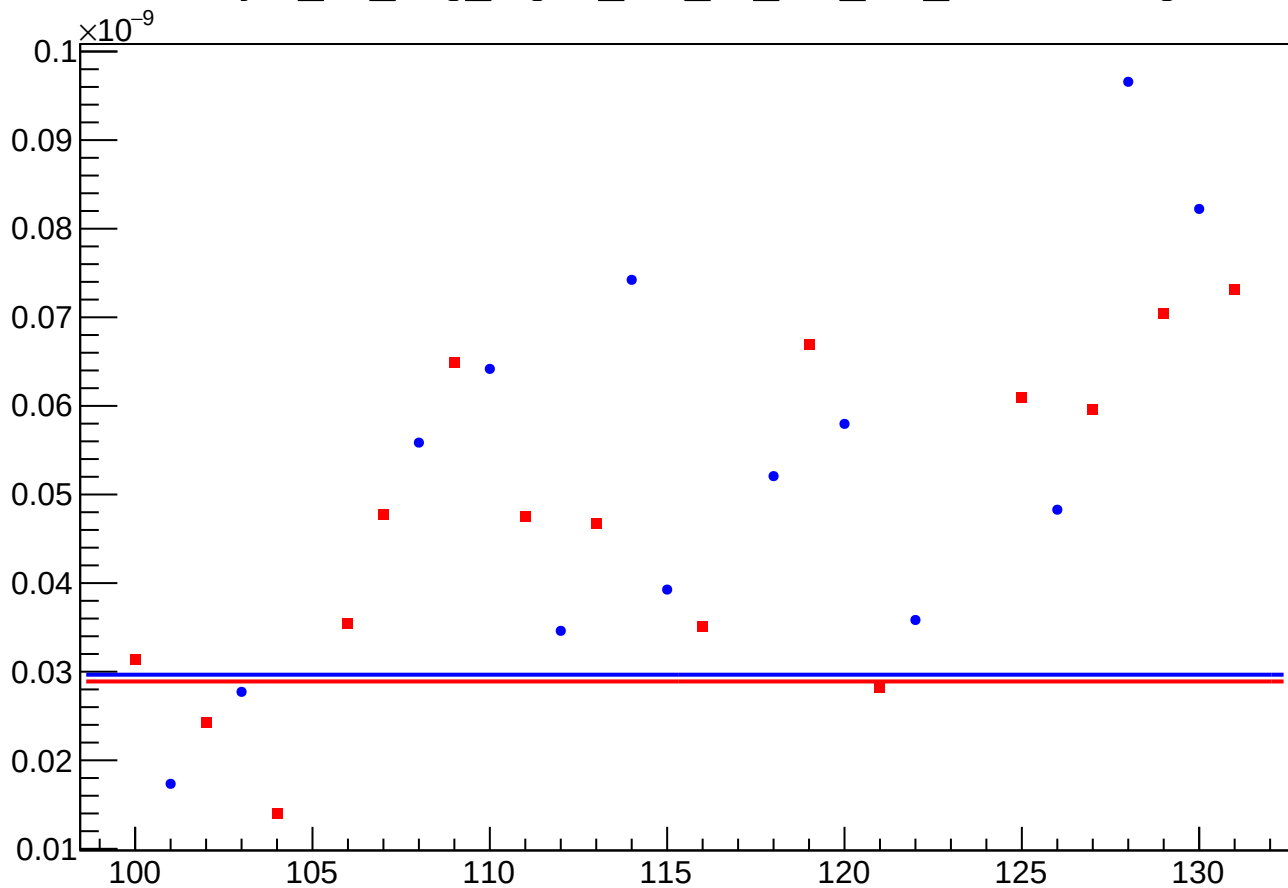
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 39.5/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1720314.4/12

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2130296.0/14

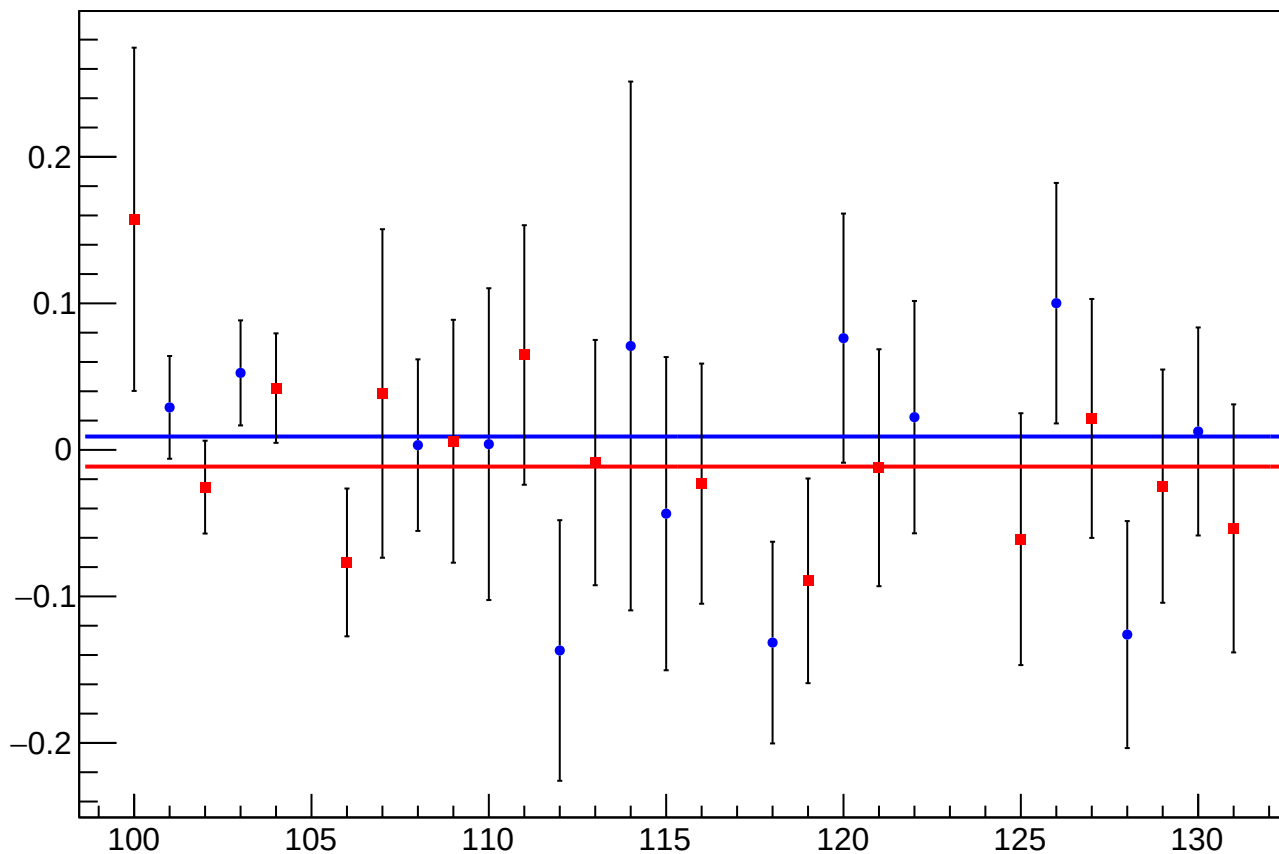
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3852597.5/27

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

asym_us_avg_overload_cor_vs_cor_diff_mean vs Slug



Right In: 0.009 $\pm$ 0.018 χ^2 /NDF: 14.0/12

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

Right Out: -0.011 $\pm$ 0.016 χ^2 /NDF: 9.0/14

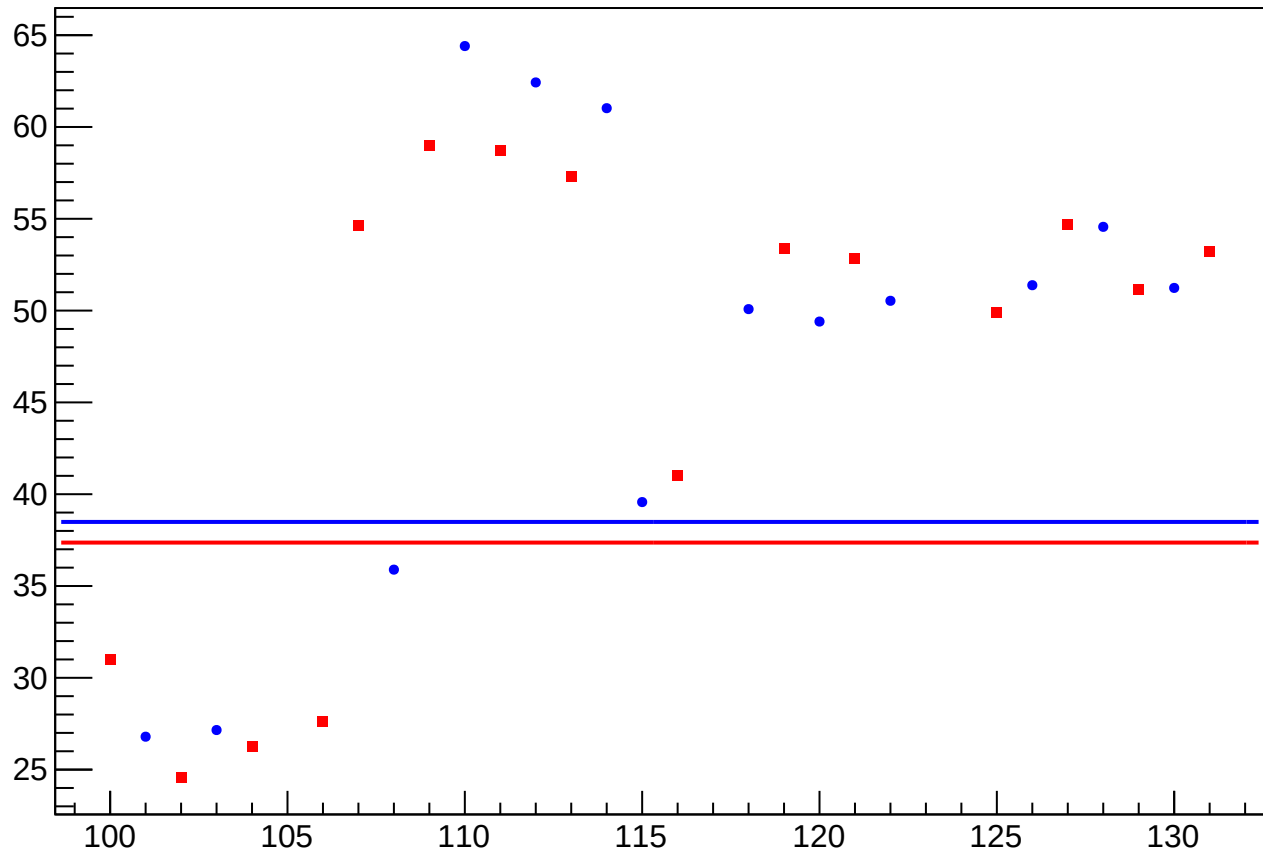
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.002 $\pm$ 0.012 χ^2 /NDF: 23.7/27

- 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: 38.490+/-0.012 χ^2/NDF : 1057203.8/12

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

Right Out: 37.365+/-0.012 χ^2/NDF : 1441808.8/14

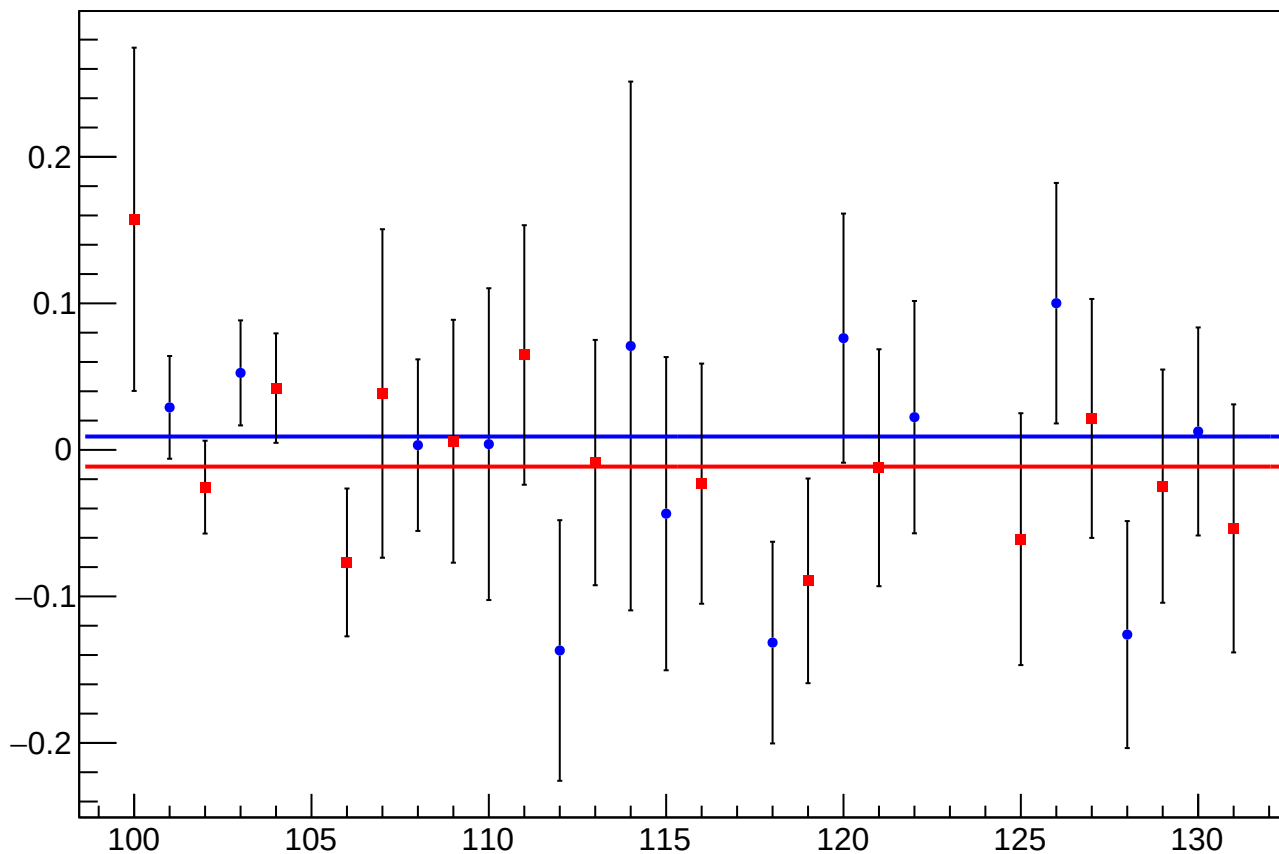
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.885+/-0.008 χ^2/NDF : 2503419.2/27

- 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: 0.009 $\pm$ 0.018 χ^2 /NDF: 14.0/12

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

Right Out: -0.011 $\pm$ 0.016 χ^2 /NDF: 9.0/14

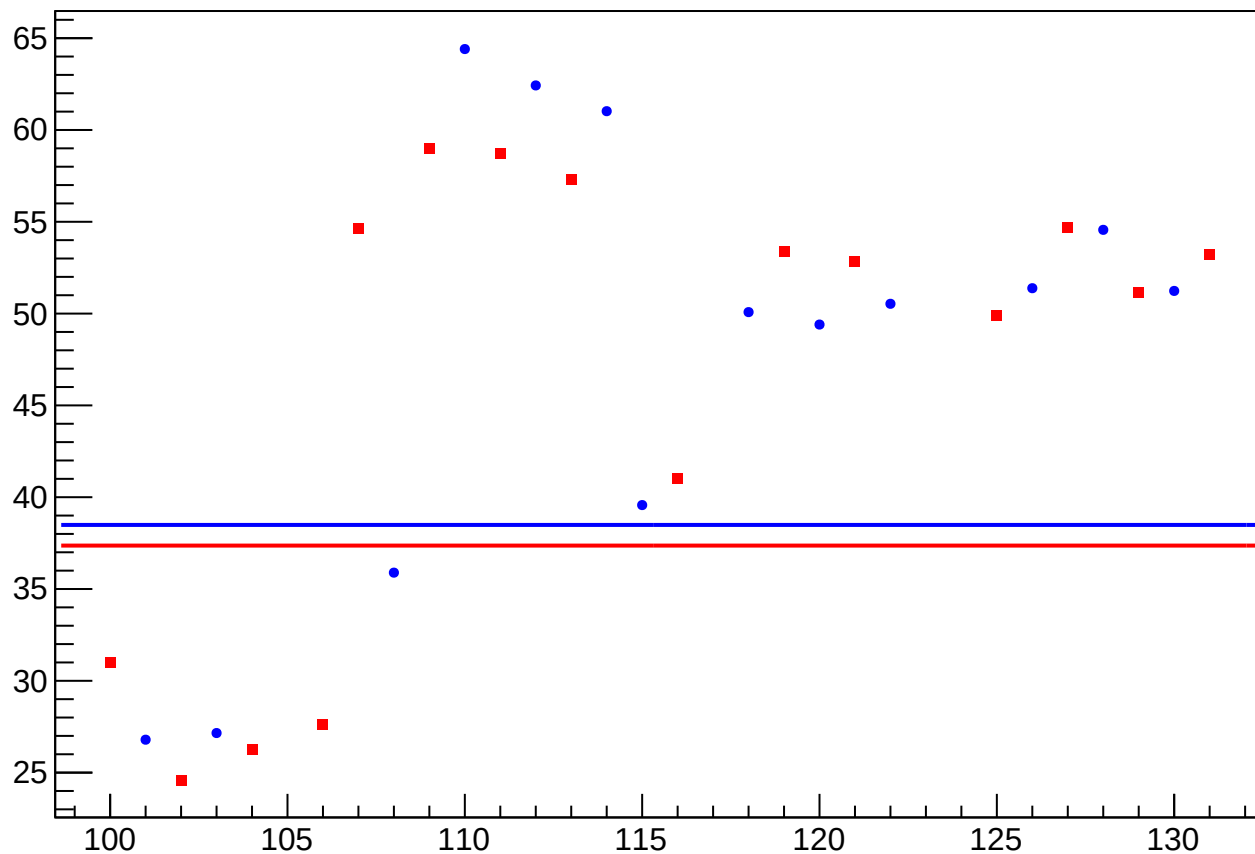
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.002 $\pm$ 0.012 χ^2 /NDF: 23.7/27

- 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: 38.490+/-0.012 χ^2/NDF : 1057203.8/12

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

Right Out: 37.365+/-0.012 χ^2/NDF : 1441808.8/14

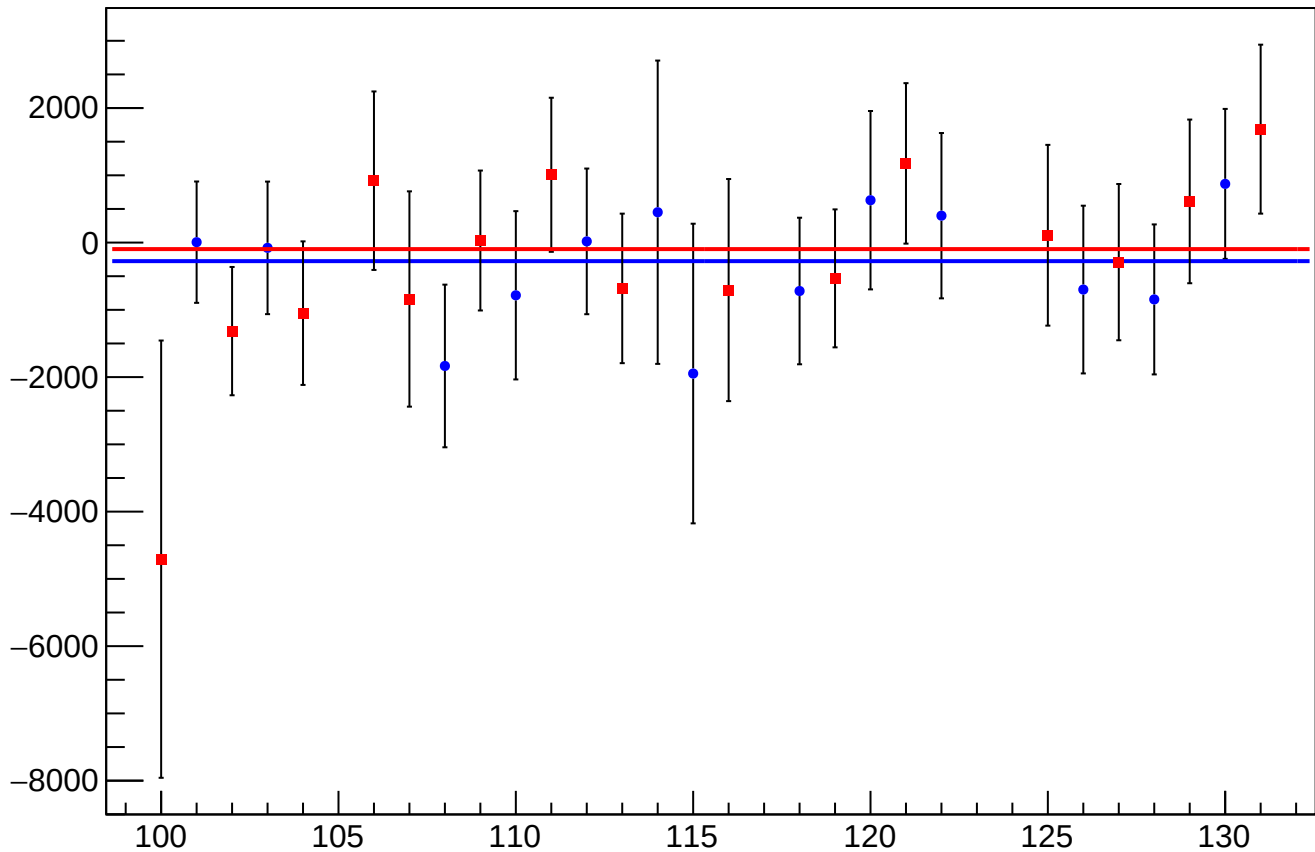
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.885+/-0.008 χ^2/NDF : 2503419.2/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_mean vs Slug



Right In: -275.973+/-330.446 χ^2/NDF : 5.1/12

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

Right Out: -96.904+/-313.863 χ^2/NDF : 10.3/14

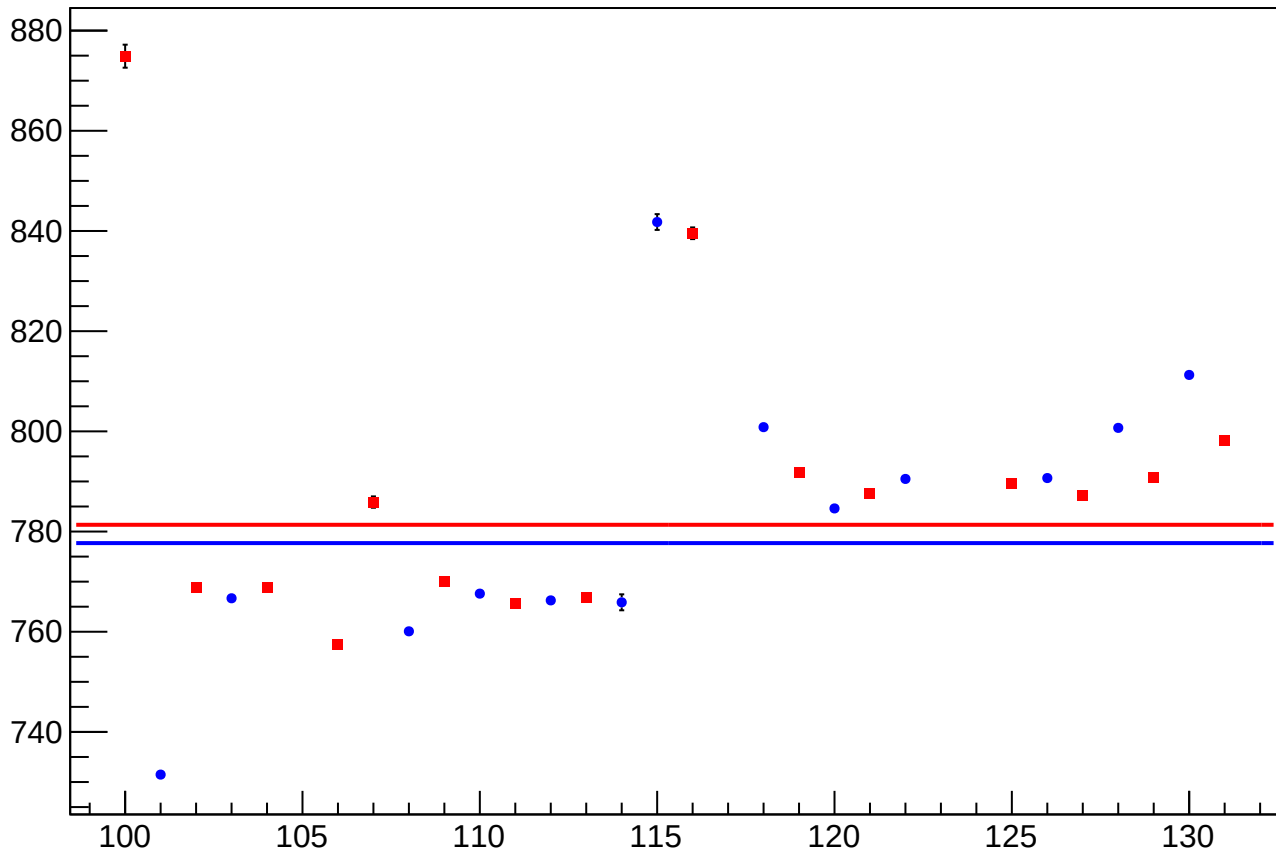
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -181.832+/-227.571 χ^2/NDF : 15.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_rms vs Slug



Right In: 777.695+/-0.234 χ^2/NDF : 12042.9/12

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

Right Out: 781.350+/-0.222 χ^2/NDF : 7242.5/14

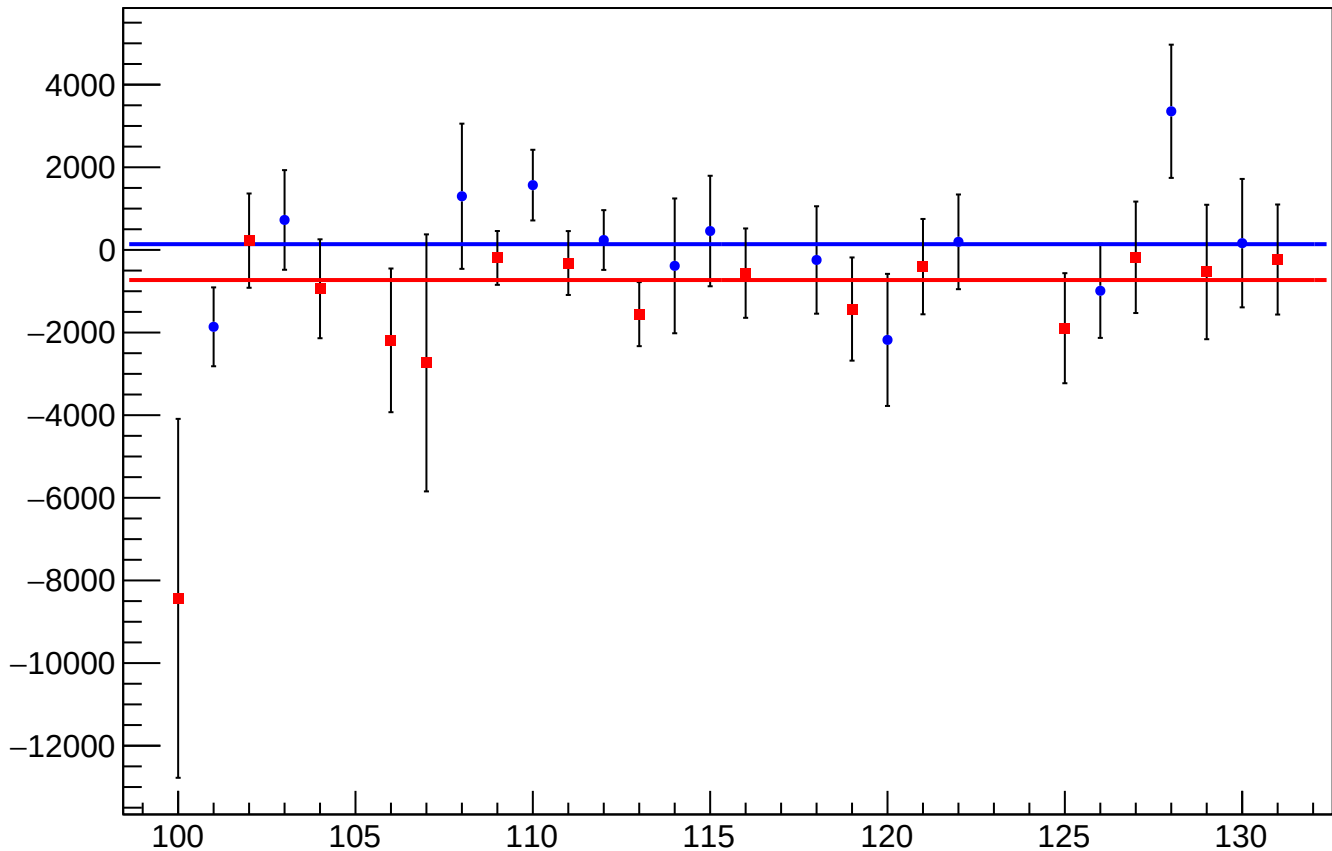
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 779.616+/-0.161 χ^2/NDF : 19414.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_reg_correction_mean vs Slug



Right In: 138.938+/-322.138 χ^2/NDF : 15.2/12

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

Right Out: -729.171+/-289.301 χ^2/NDF : 8.6/14

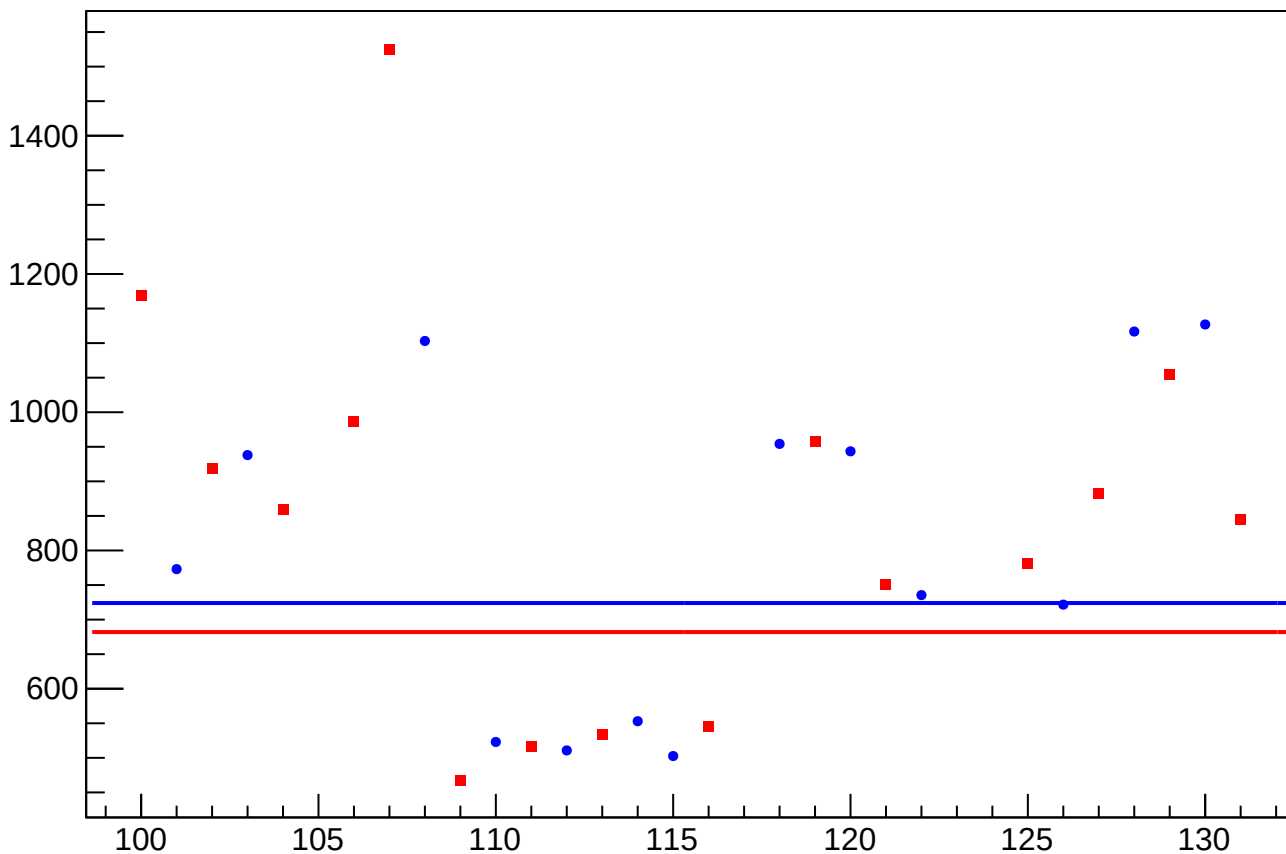
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -341.603+/-215.243 χ^2/NDF : 27.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_reg_correction_rms vs Slug



Right In: 724.003 ± 0.228 χ^2/NDF : 876270.7/12

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

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

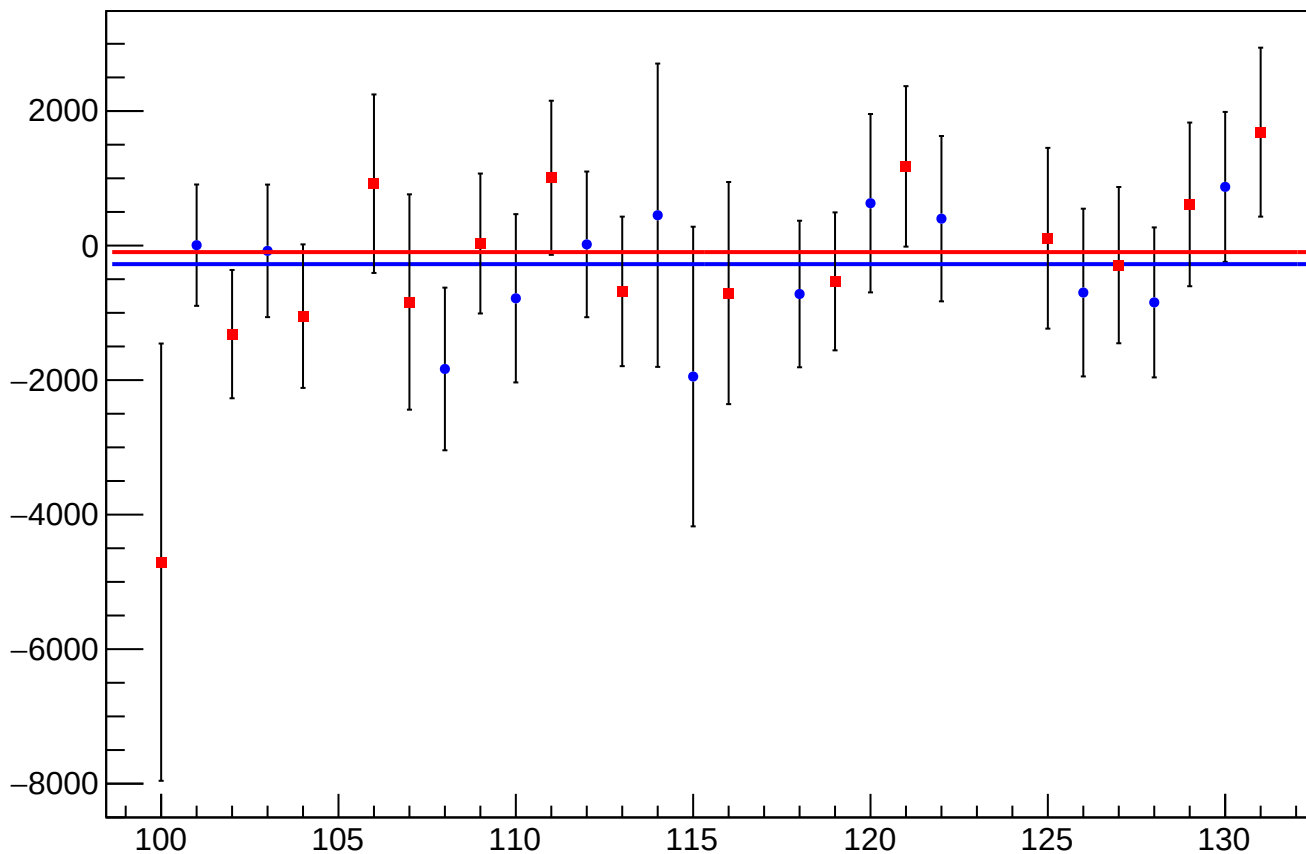
Right Out: 681.978 ± 0.205 χ^2/NDF : 1072621.3/14

All: 700.740 ± 0.152 χ^2/NDF : 1967734.4/27

- 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: -275.973+/-330.446 χ^2/NDF : 5.1/12

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

Right Out: -96.904+/-313.863 χ^2/NDF : 10.3/14

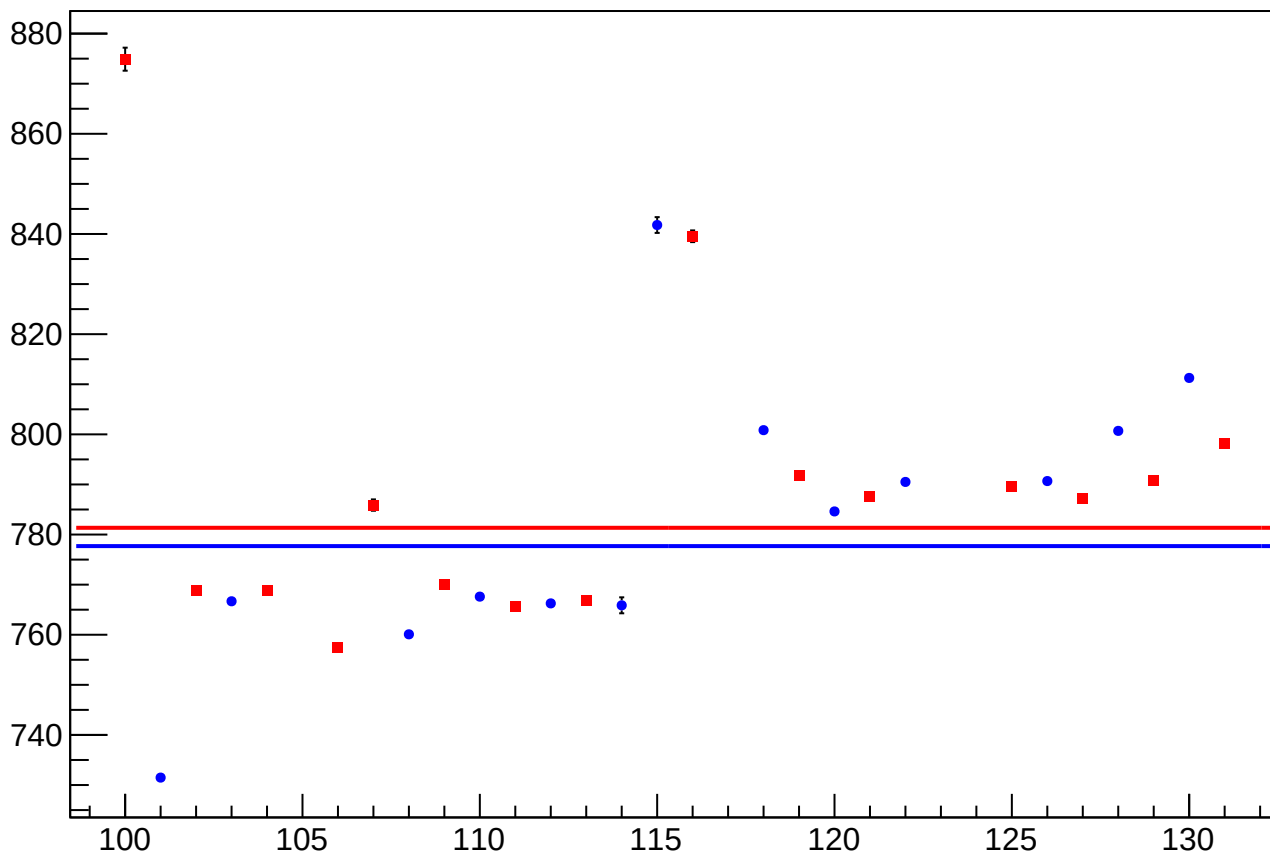
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -181.832+/-227.571 χ^2/NDF : 15.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_rms vs Slug



Right In: 777.695 $\pm$ 0.234 χ^2 /NDF: 12042.9/12

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

Right Out: 781.350 $\pm$ 0.222 χ^2 /NDF: 7242.5/14

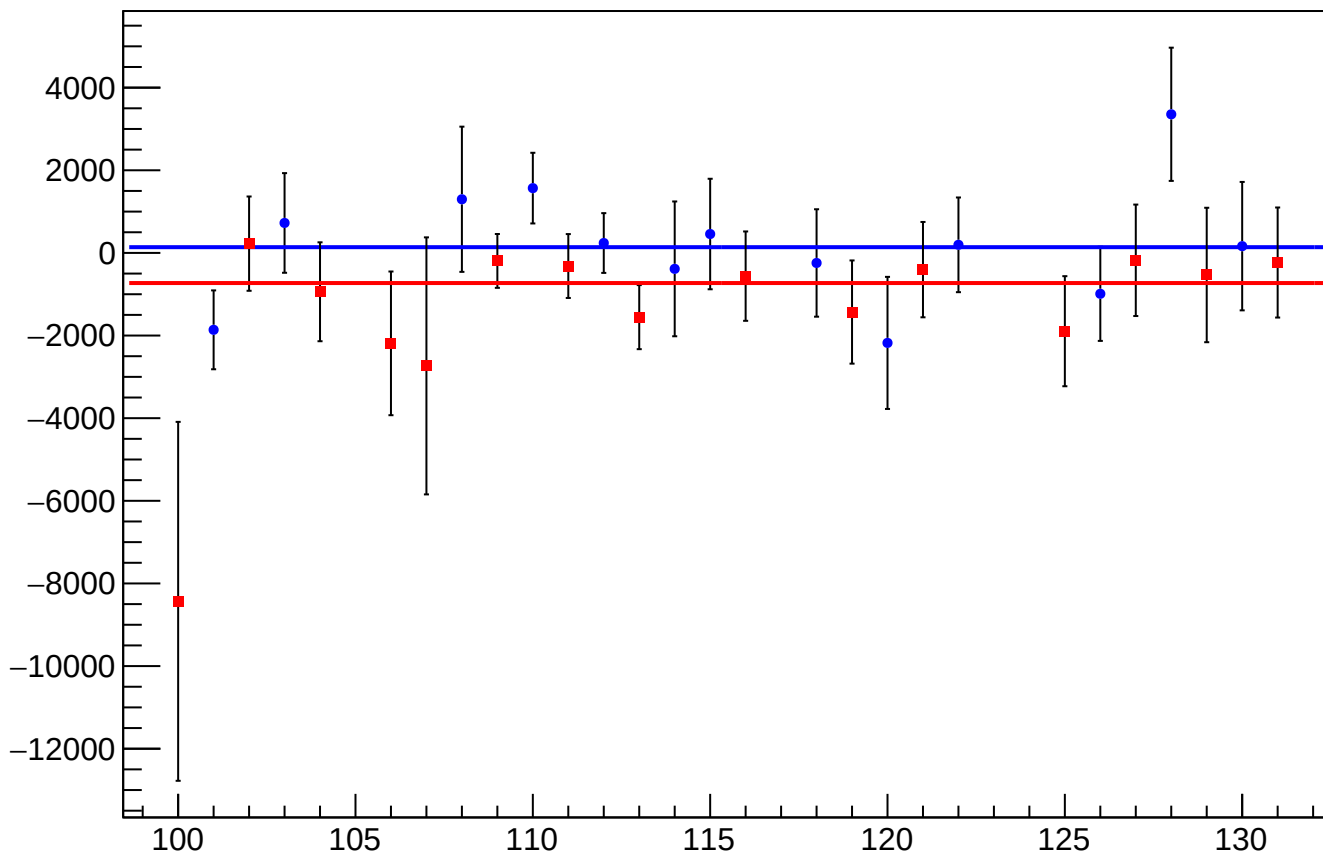
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 779.616 $\pm$ 0.161 χ^2 /NDF: 19414.1/27

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

asym_us_dd_cor_correction_mean vs Slug



Right In: 138.938+/-322.138 χ^2/NDF : 15.2/12

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

Right Out: -729.171+/-289.301 χ^2/NDF : 8.6/14

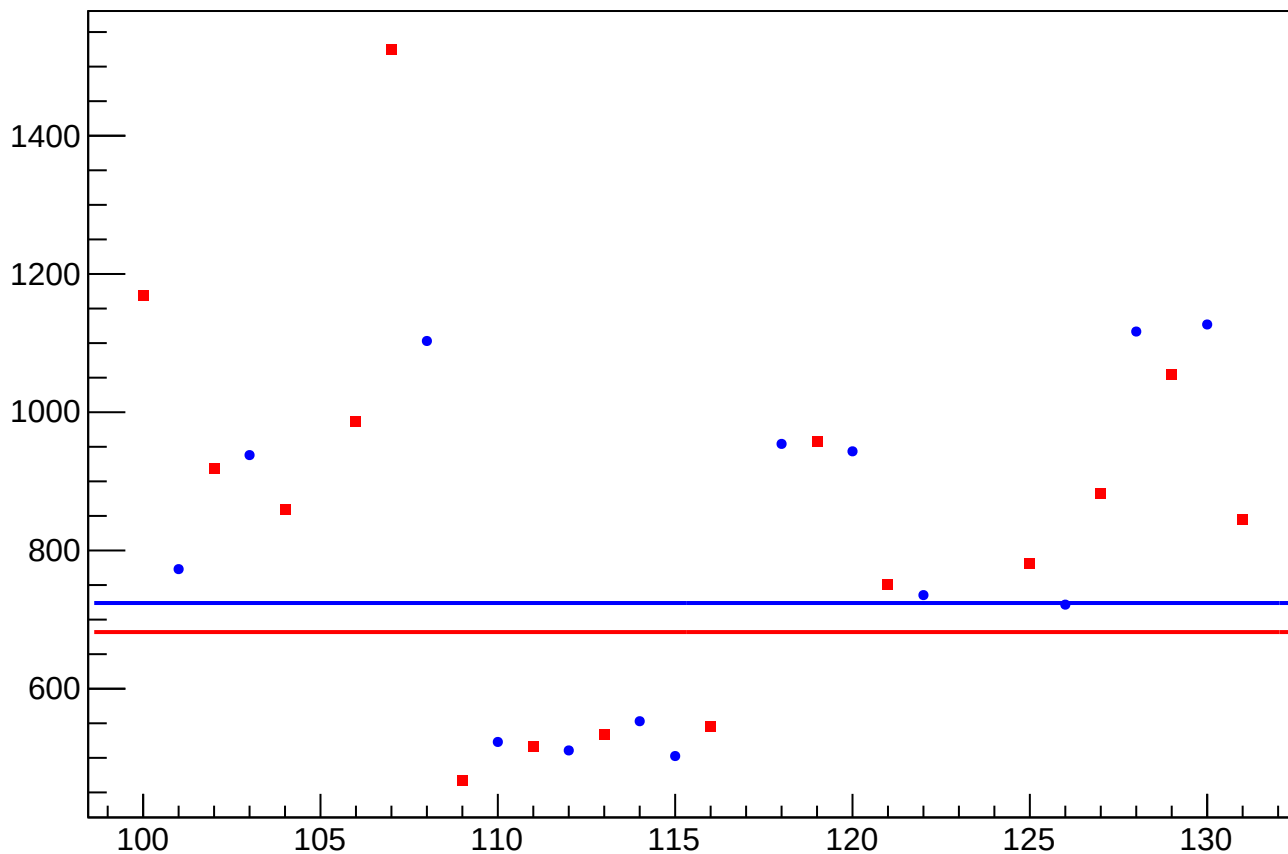
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -341.603+/-215.243 χ^2/NDF : 27.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_cor_correction_rms vs Slug



Right In: 724.003 ± 0.228 χ^2/NDF : 876270.7/12

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

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

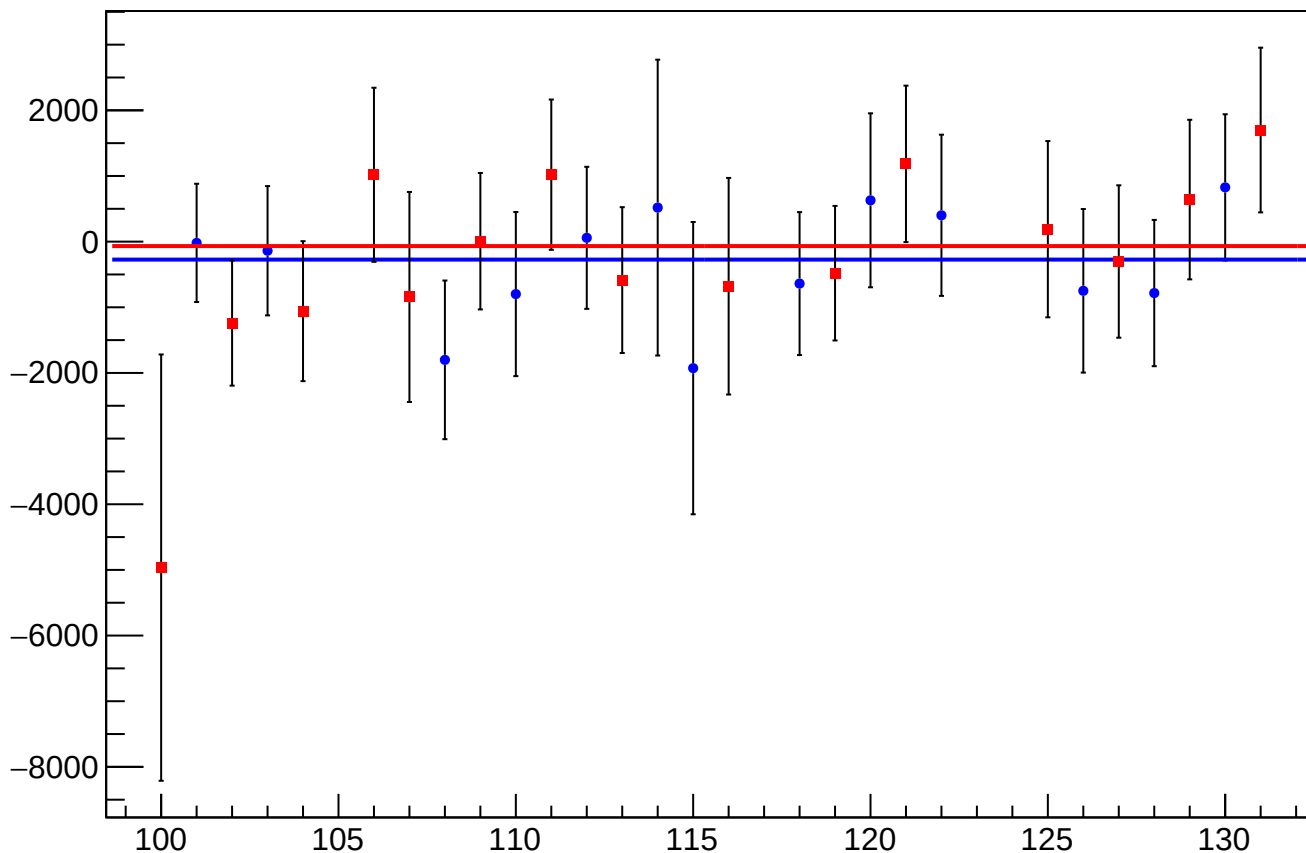
Right Out: 681.978 ± 0.205 χ^2/NDF : 1072621.3/14

All: 700.740 ± 0.152 χ^2/NDF : 1967734.4/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

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

overload_cor_asym_us_dd_mean vs Slug



Right In: -273.552 ± 330.132 χ^2/NDF : 4.9/12

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

Right Out: -67.659 ± 313.581 χ^2/NDF : 10.5/14

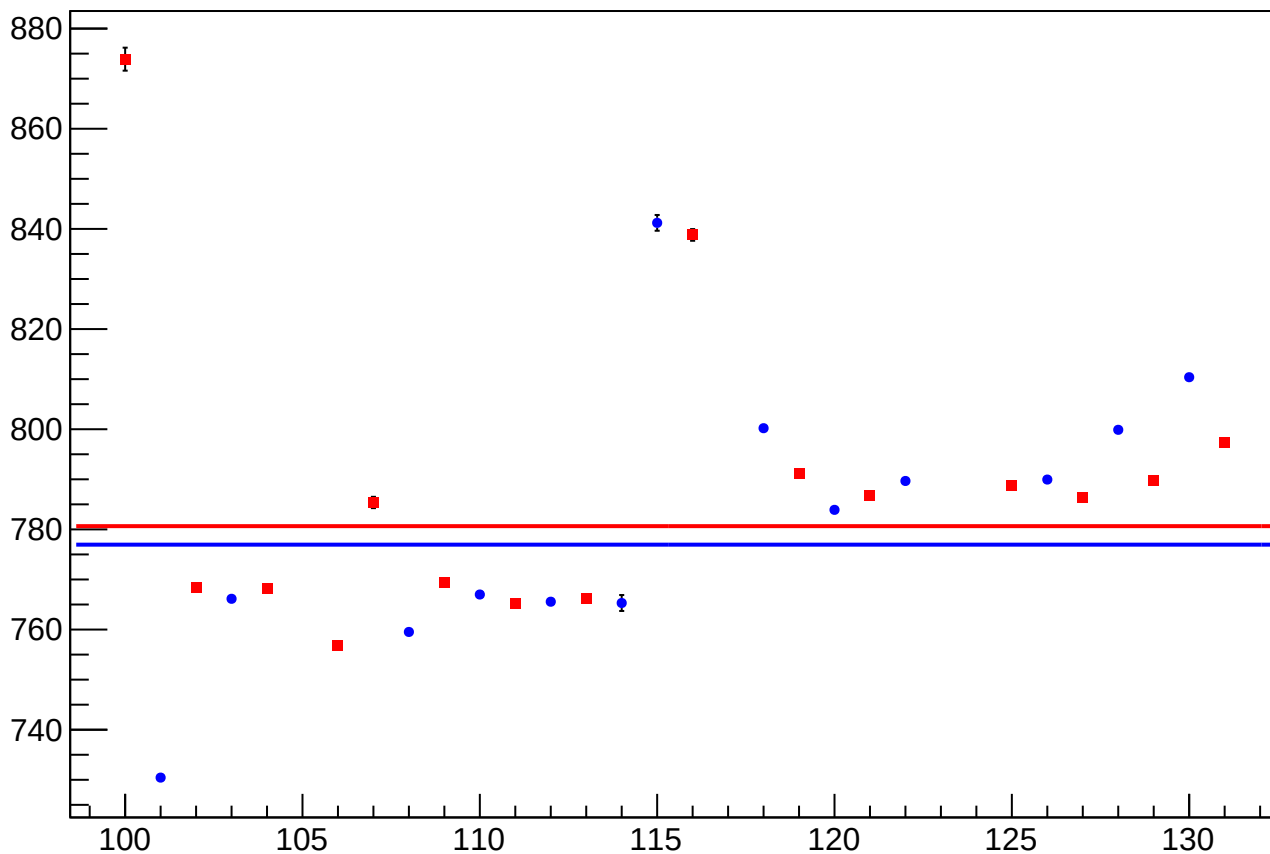
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -165.315 ± 227.361 χ^2/NDF : 15.5/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

overload_cor_asym_us_dd_rms vs Slug



Right In: 776.953+/-0.233 χ^2/NDF : 12109.5/12

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

Right Out: 780.649+/-0.222 χ^2/NDF : 7195.6/14

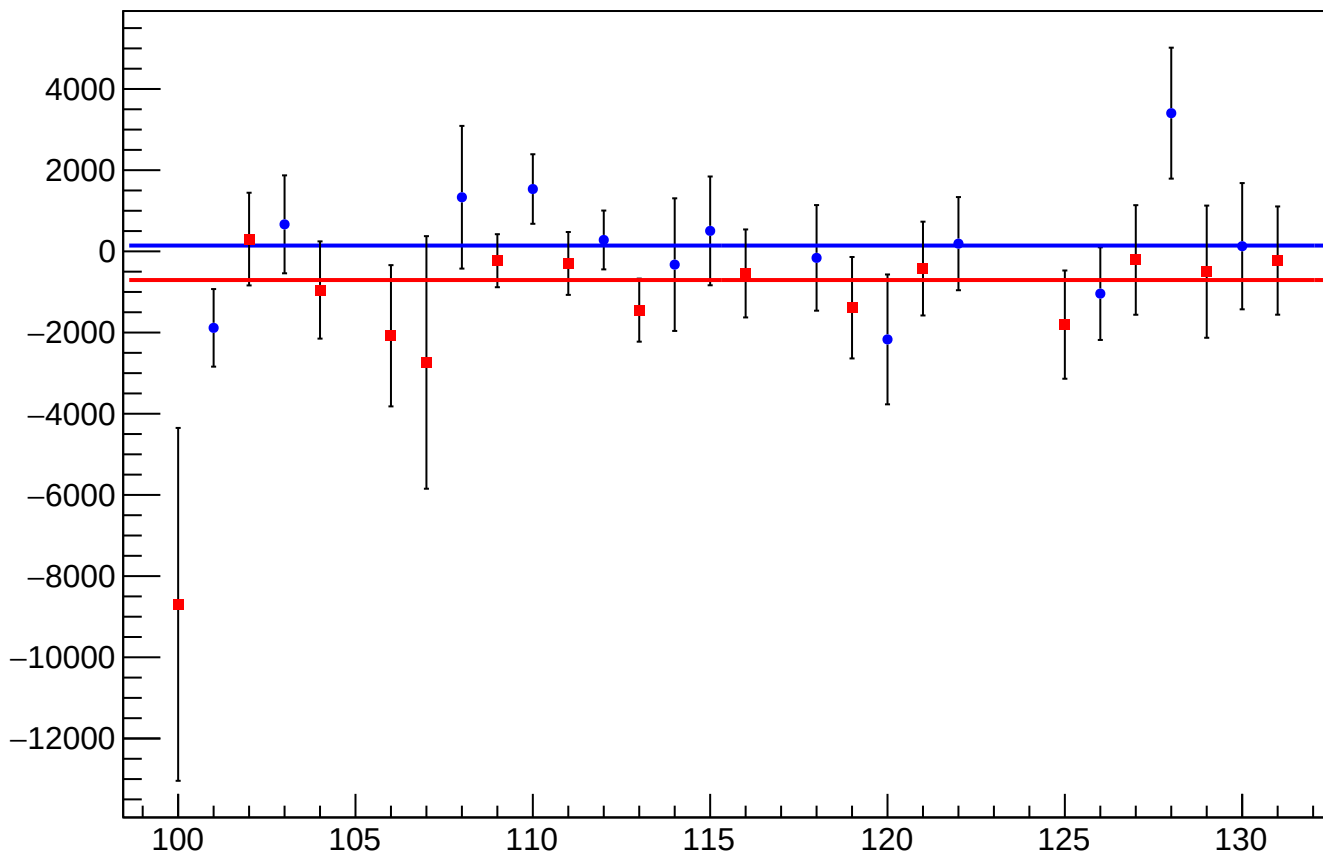
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 778.896+/-0.161 χ^2/NDF : 19436.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_overload_cor_correction_mean vs Slug



Right In: 143.070 $\pm$ 322.562 χ^2 /NDF: 15.3/12

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

Right Out: -706.433 $\pm$ 289.727 χ^2 /NDF: 8.3/14

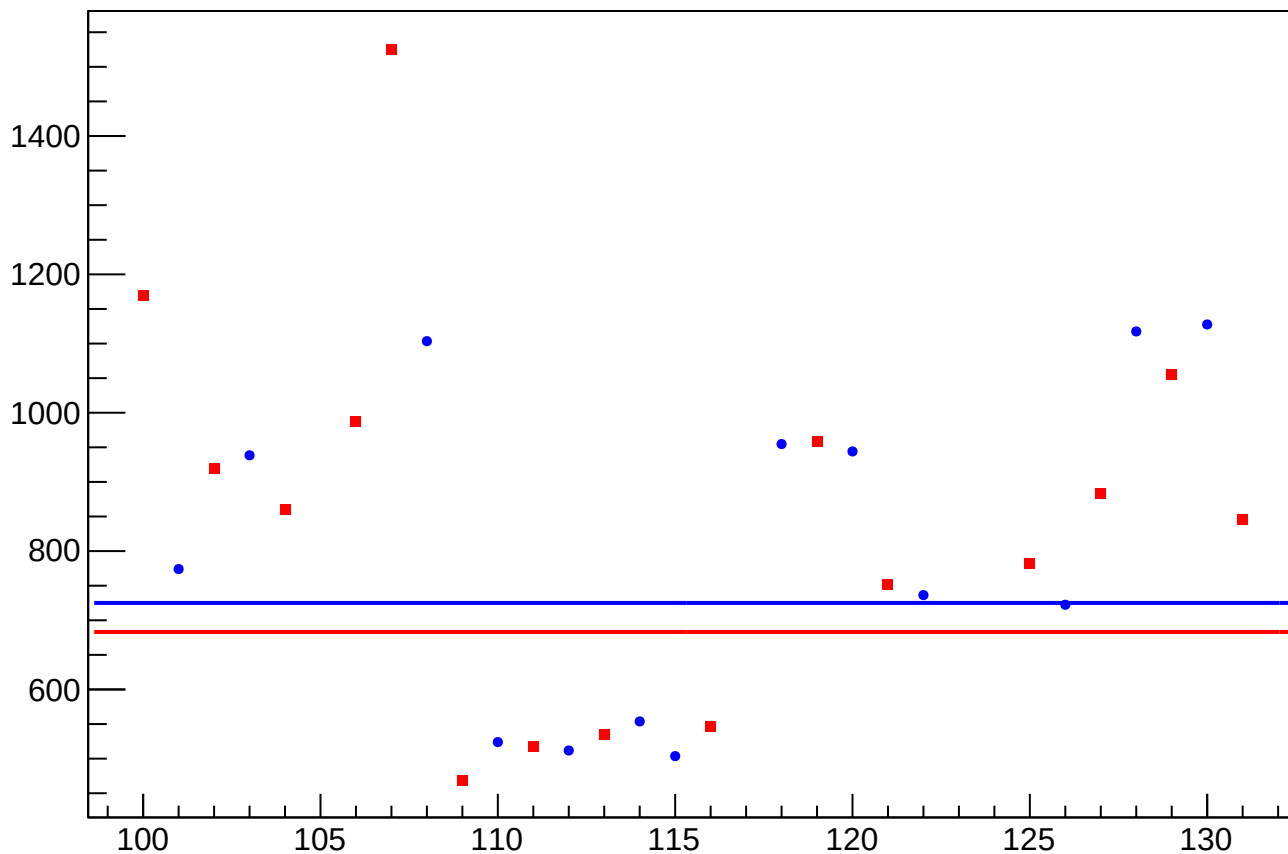
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -327.107 $\pm$ 215.545 χ^2 /NDF: 27.4/27

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

asym_us_dd_overload_cor_correction_rms vs Slug



Right In: 725.087+/-0.228 χ^2/NDF : 872992.6/12

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

Right Out: 683.139+/-0.205 χ^2/NDF : 1068278.2/14

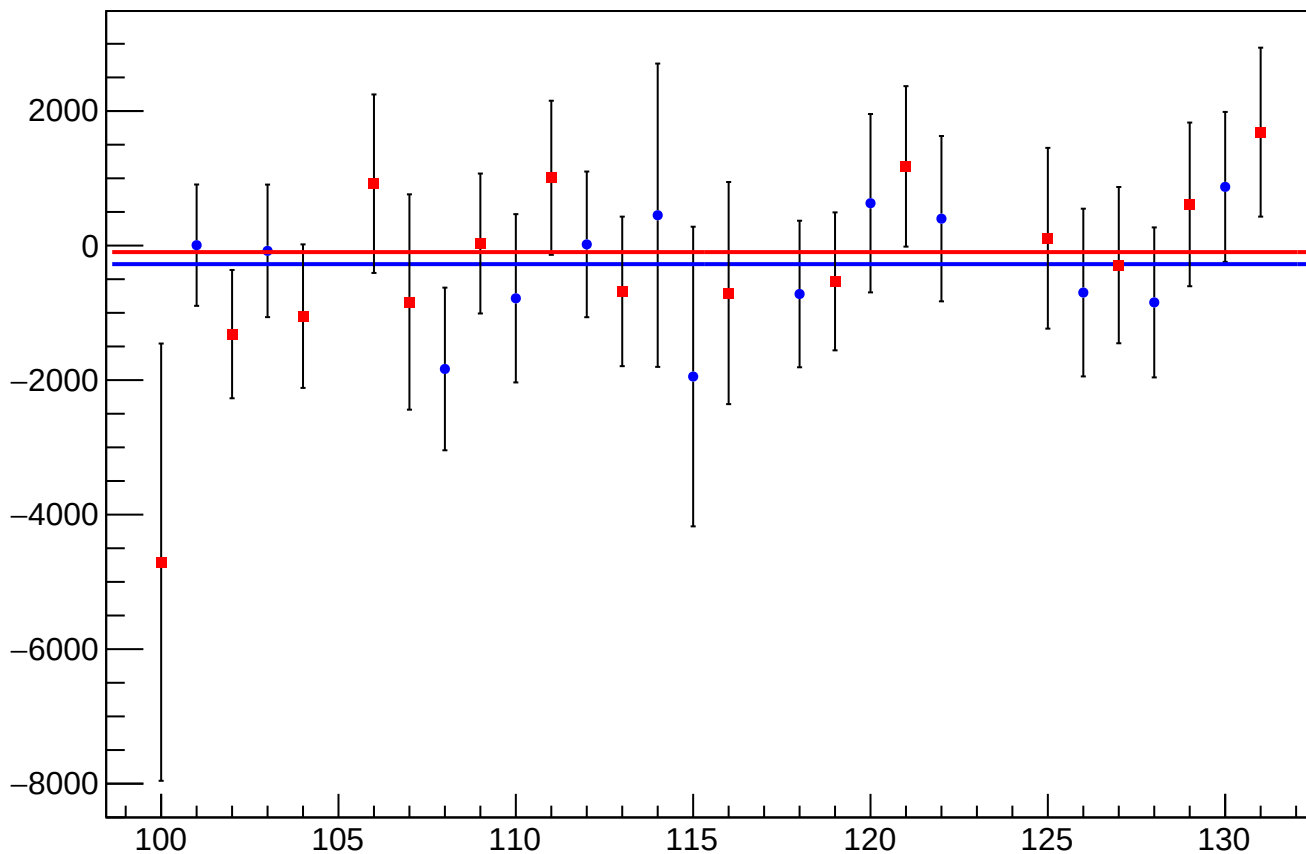
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 701.870+/-0.152 χ^2/NDF : 1959991.3/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_mean vs Slug



Right In: -275.973+/-330.446 χ^2/NDF : 5.1/12

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

Right Out: -96.904+/-313.863 χ^2/NDF : 10.3/14

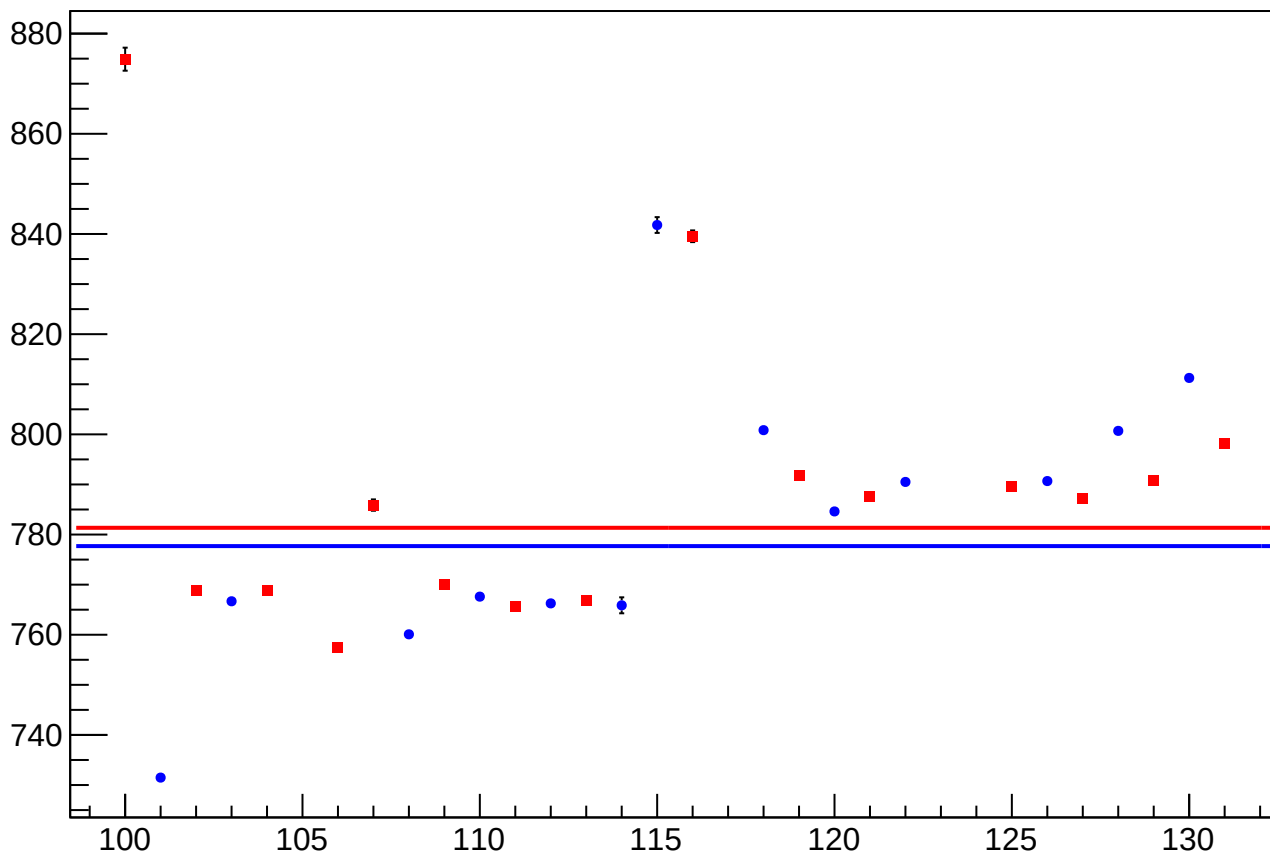
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -181.832+/-227.571 χ^2/NDF : 15.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_rms vs Slug



Right In: 777.695 $\pm$ 0.234 χ^2 /NDF: 12042.9/12

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

Right Out: 781.350 $\pm$ 0.222 χ^2 /NDF: 7242.5/14

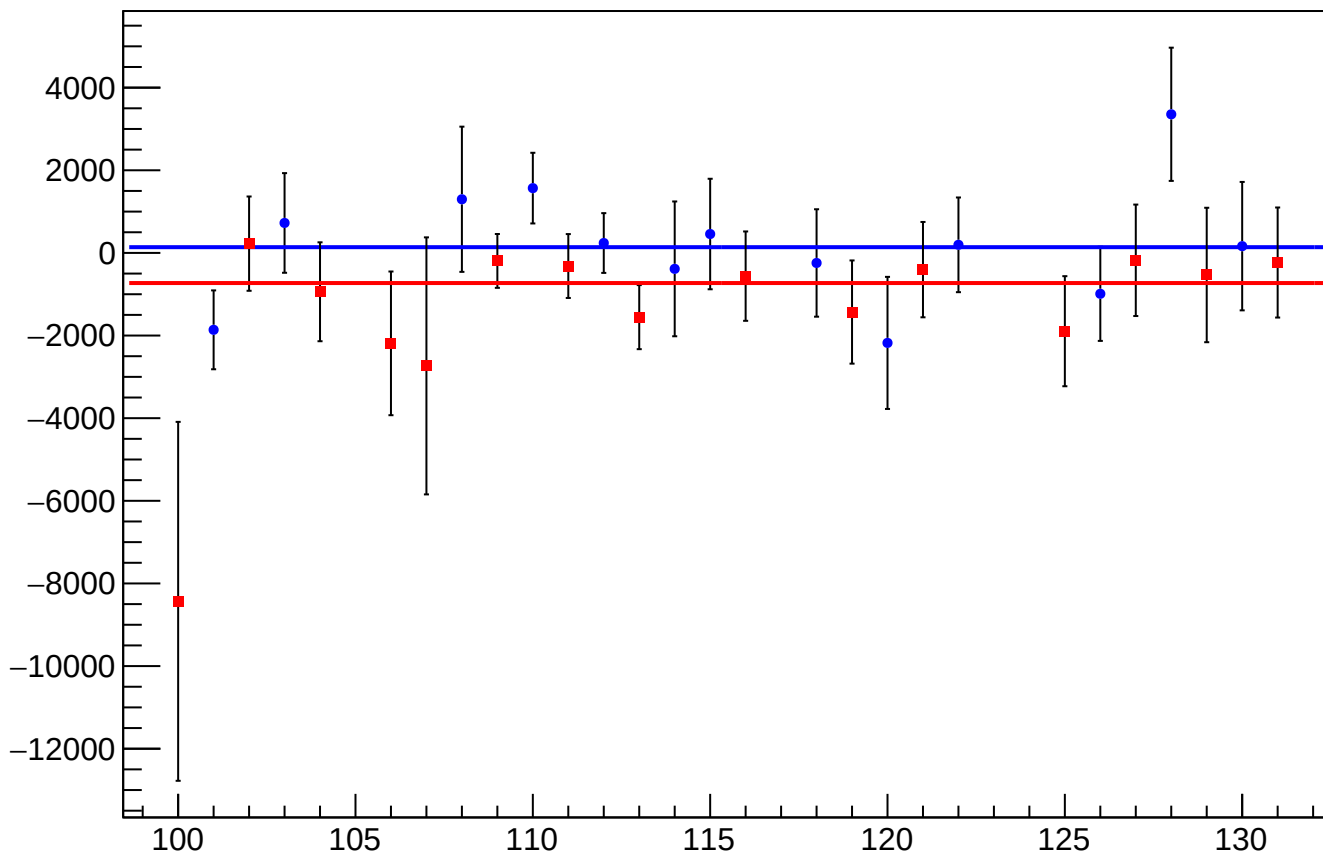
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 779.616 $\pm$ 0.161 χ^2 /NDF: 19414.1/27

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

asym_us_dd_eigen_cor_correction_mean vs Slug



Right In: 138.938+/-322.138 χ^2/NDF : 15.2/12

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

Right Out: -729.171+/-289.301 χ^2/NDF : 8.6/14

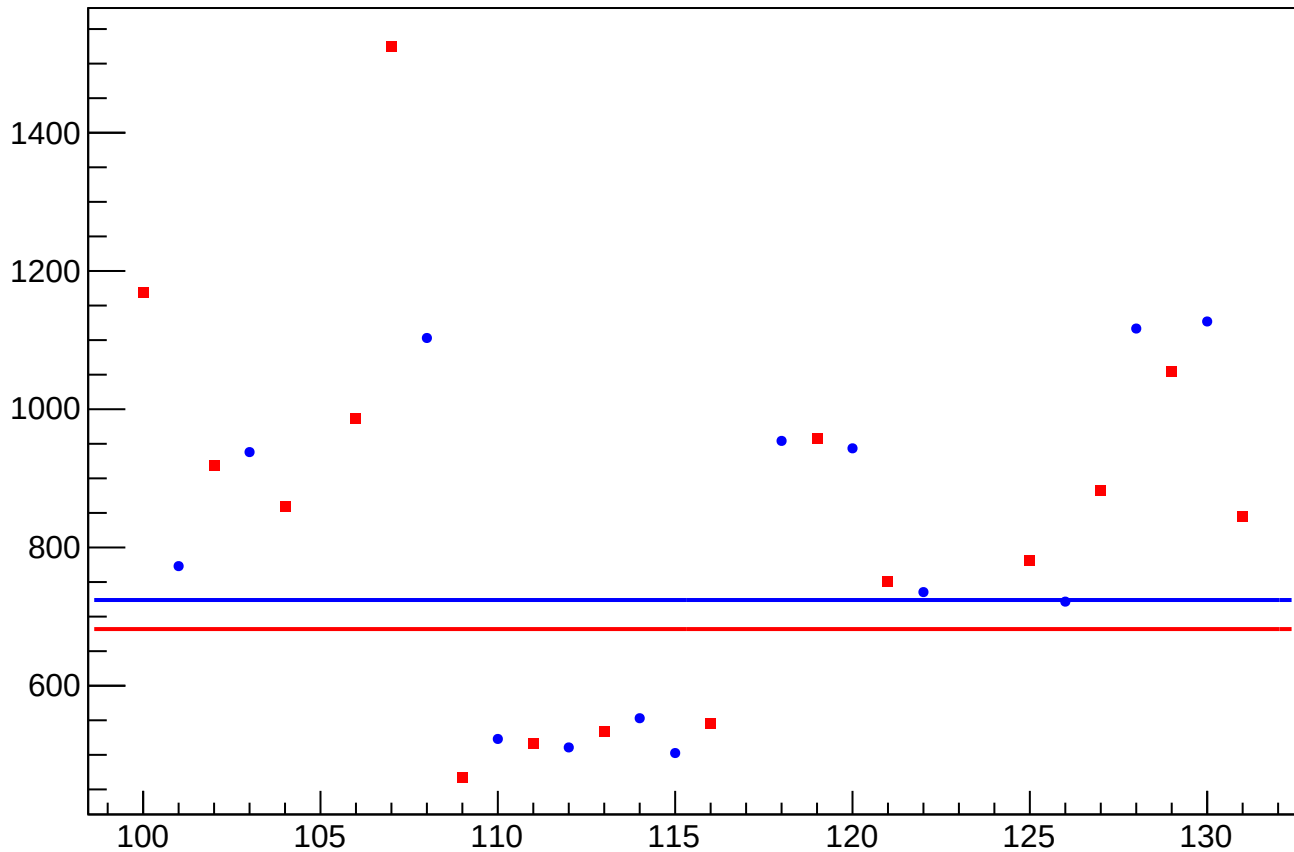
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -341.603+/-215.243 χ^2/NDF : 27.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_cor_correction_rms vs Slug



Right In: 724.003 ± 0.228 $\chi^2/\text{NDF}: 876270.7/12$

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

Right Out: 681.978 ± 0.205 $\chi^2/\text{NDF}: 1072621.3/14$

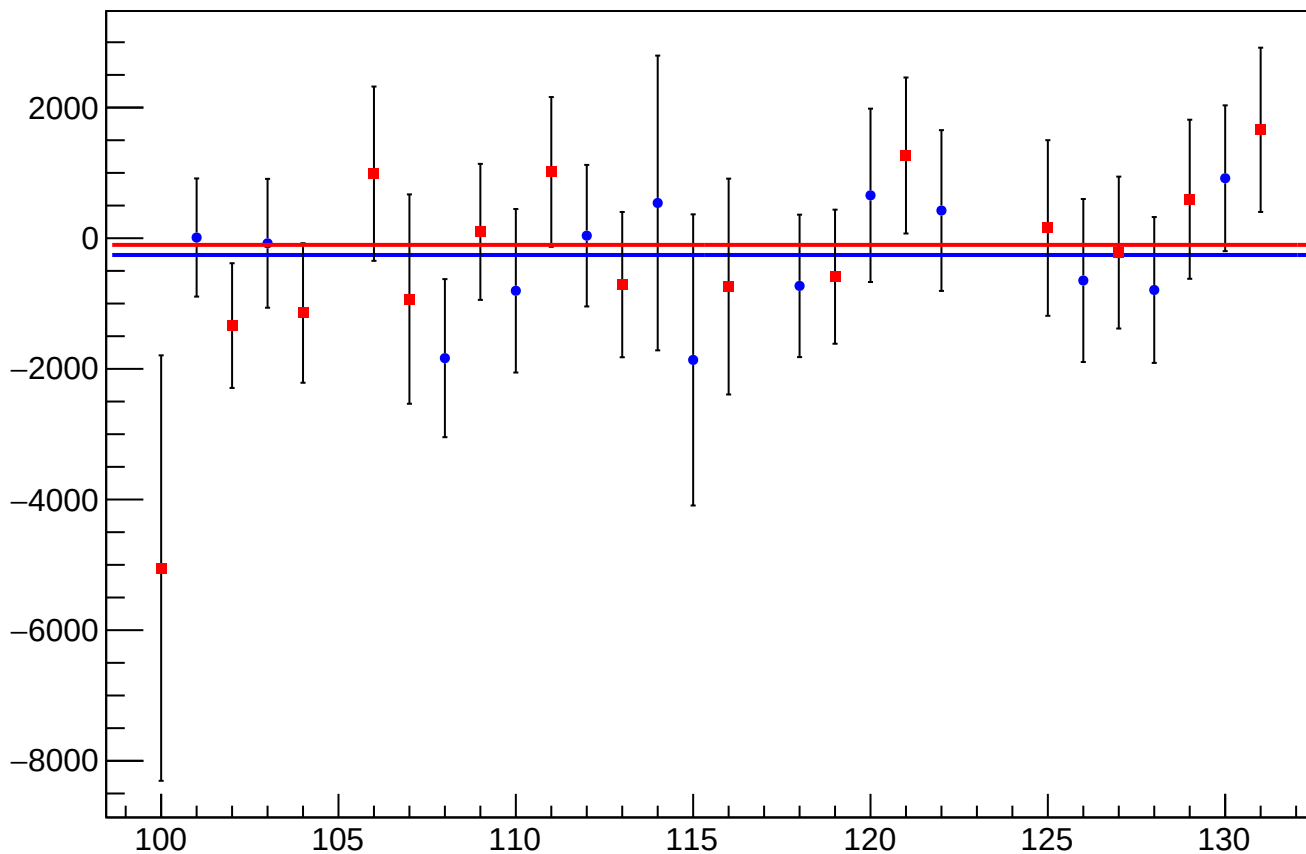
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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

All: 700.740 ± 0.152 $\chi^2/\text{NDF}: 1967734.4/27$

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

dit_asym_us_dd_mean vs Slug



Right In: -256.623+/-330.780 χ^2/NDF : 5.1/12

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

Right Out: -101.994+/-314.188 χ^2/NDF : 11.2/14

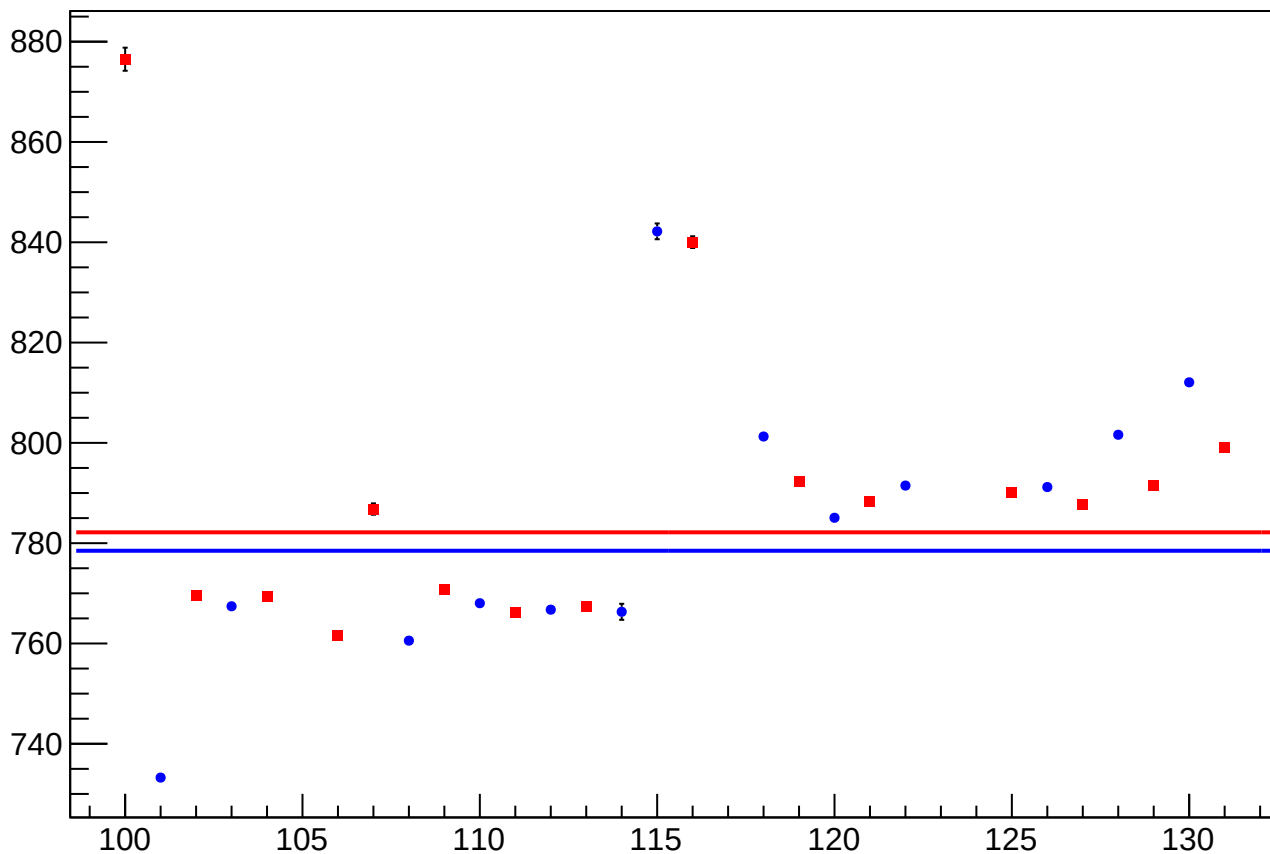
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -175.334+/-227.804 χ^2/NDF : 16.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_rms vs Slug



Right In: 778.489 $\pm$ 0.234 χ^2 /NDF: 11784.4/12

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

Right Out: 782.164 $\pm$ 0.222 χ^2 /NDF: 7097.9/14

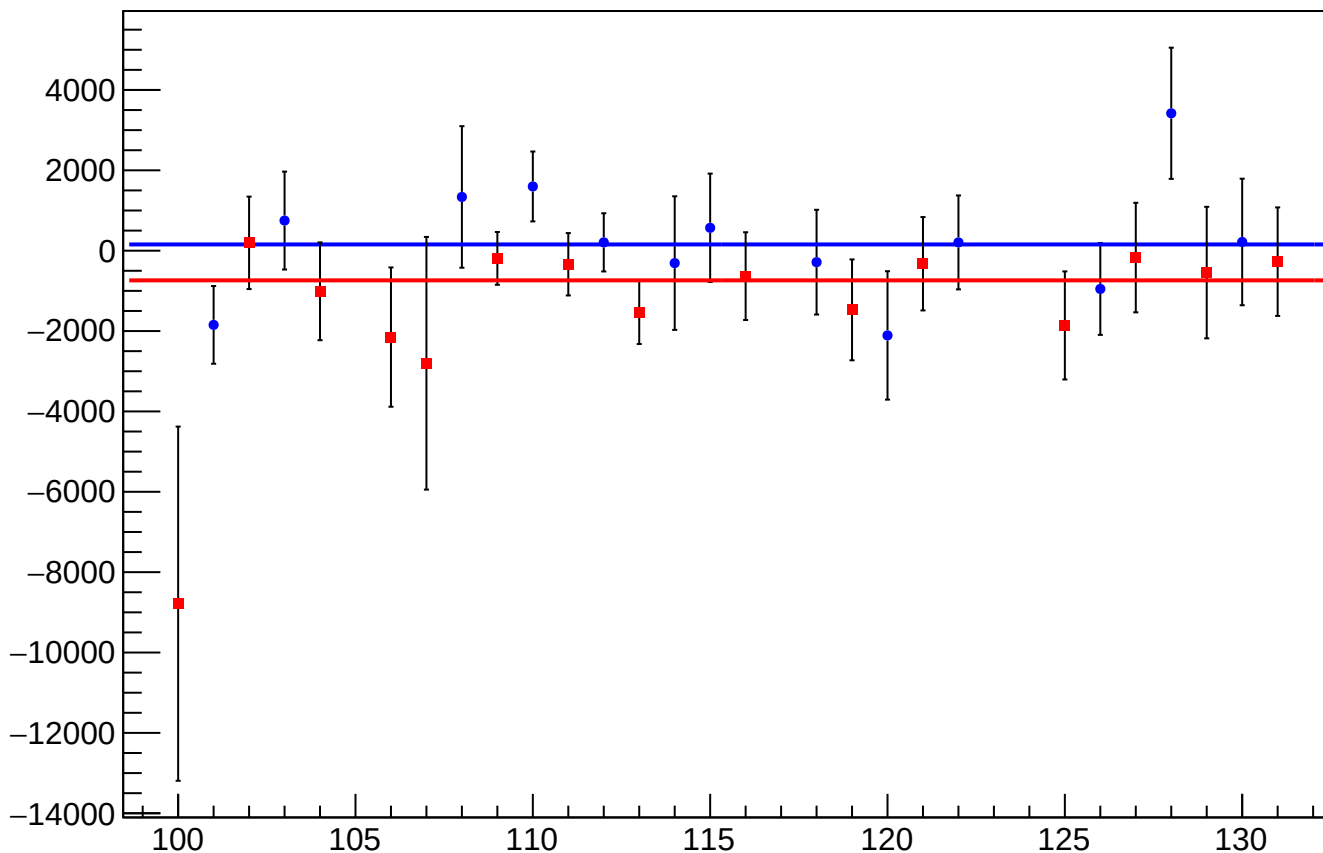
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 780.421 $\pm$ 0.161 χ^2 /NDF: 19012.1/27

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

asym_us_dd_dit_correction_mean vs Slug



Right In: 155.497 $\pm$ 325.070 χ^2 /NDF: 15.0/12

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

Right Out: -738.491 $\pm$ 291.783 χ^2 /NDF: 8.6/14

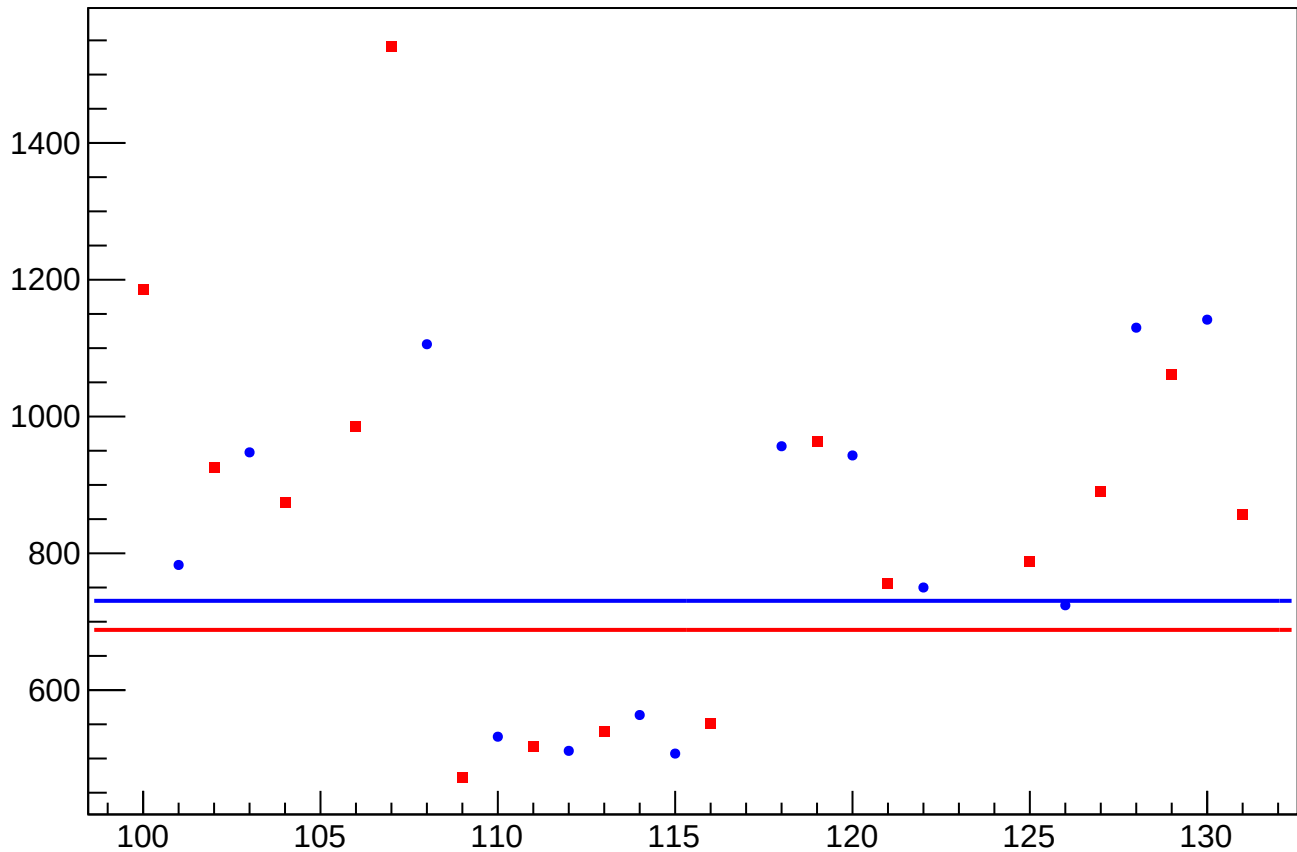
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -339.599 $\pm$ 217.140 χ^2 /NDF: 27.8/27

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

asym_us_dd_dit_correction_rms vs Slug



Right In: 730.553 ± 0.230 χ^2/NDF : 875331.2/12

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

Right Out: 688.058 ± 0.206 χ^2/NDF : 1072577.7/14

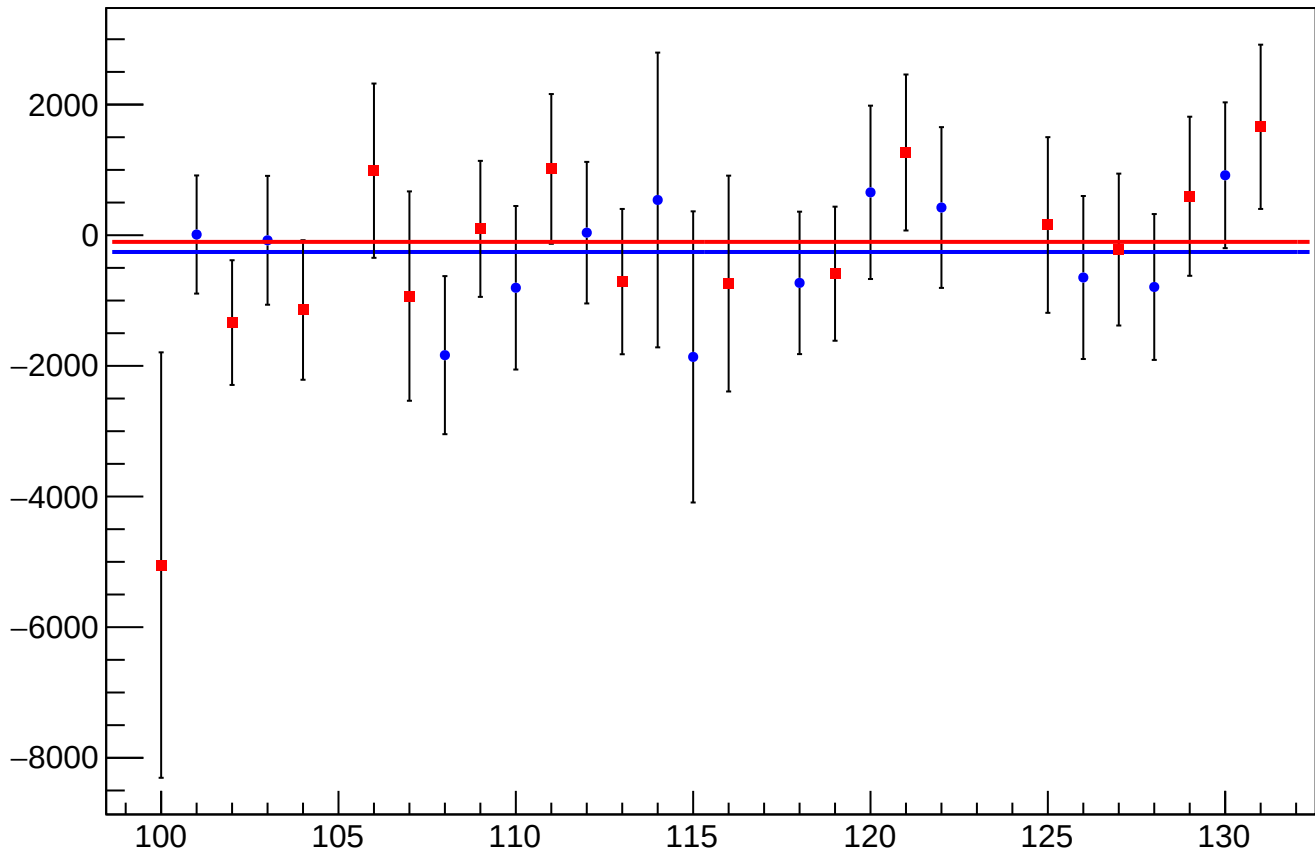
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 707.019 ± 0.154 χ^2/NDF : 1966836.7/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_mean vs Slug



Right In: -256.626+/-330.780 χ^2/NDF : 5.1/12

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

Right Out: -101.991+/-314.188 χ^2/NDF : 11.2/14

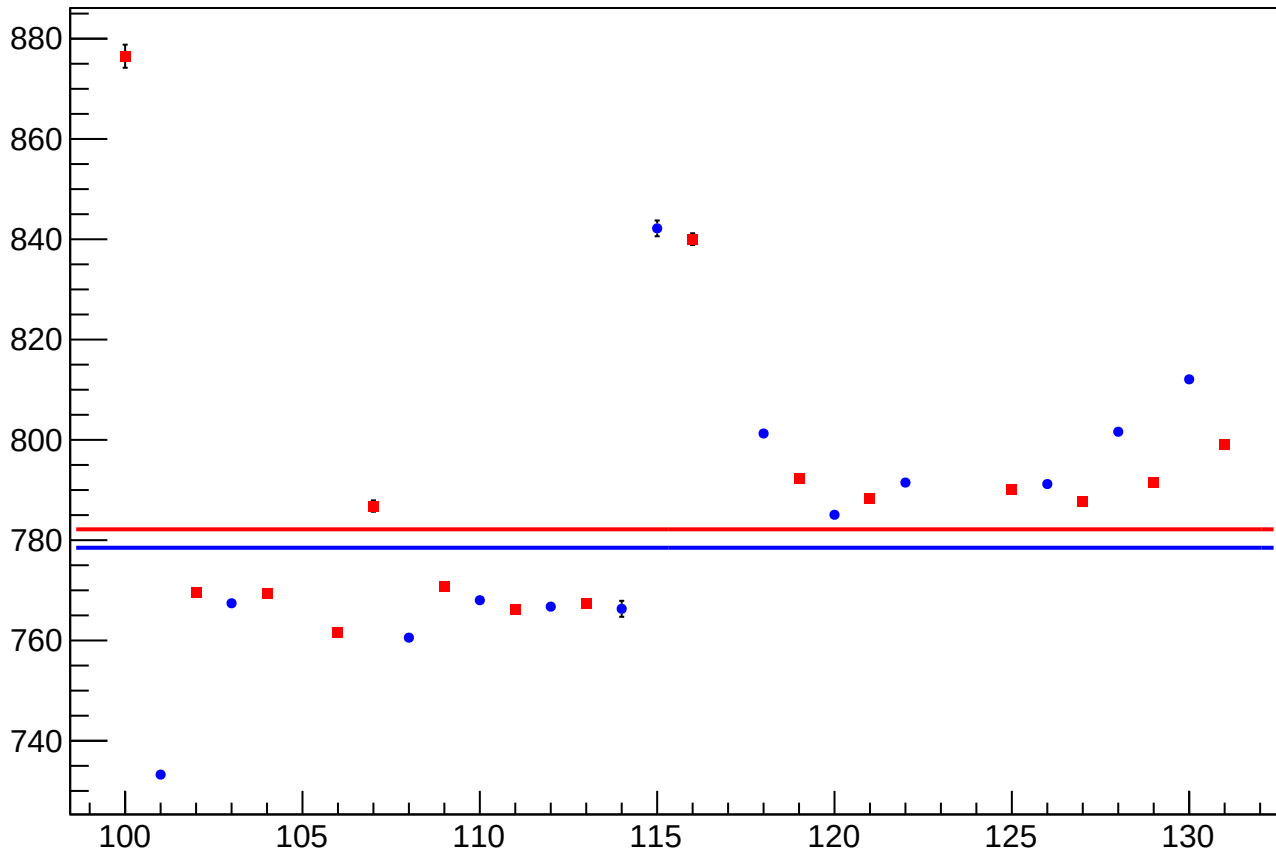
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -175.333+/-227.804 χ^2/NDF : 16.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_rms vs Slug



Right In: 778.489 $\pm$ 0.234 χ^2 /NDF: 11784.4/12

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

Right Out: 782.164 $\pm$ 0.222 χ^2 /NDF: 7097.9/14

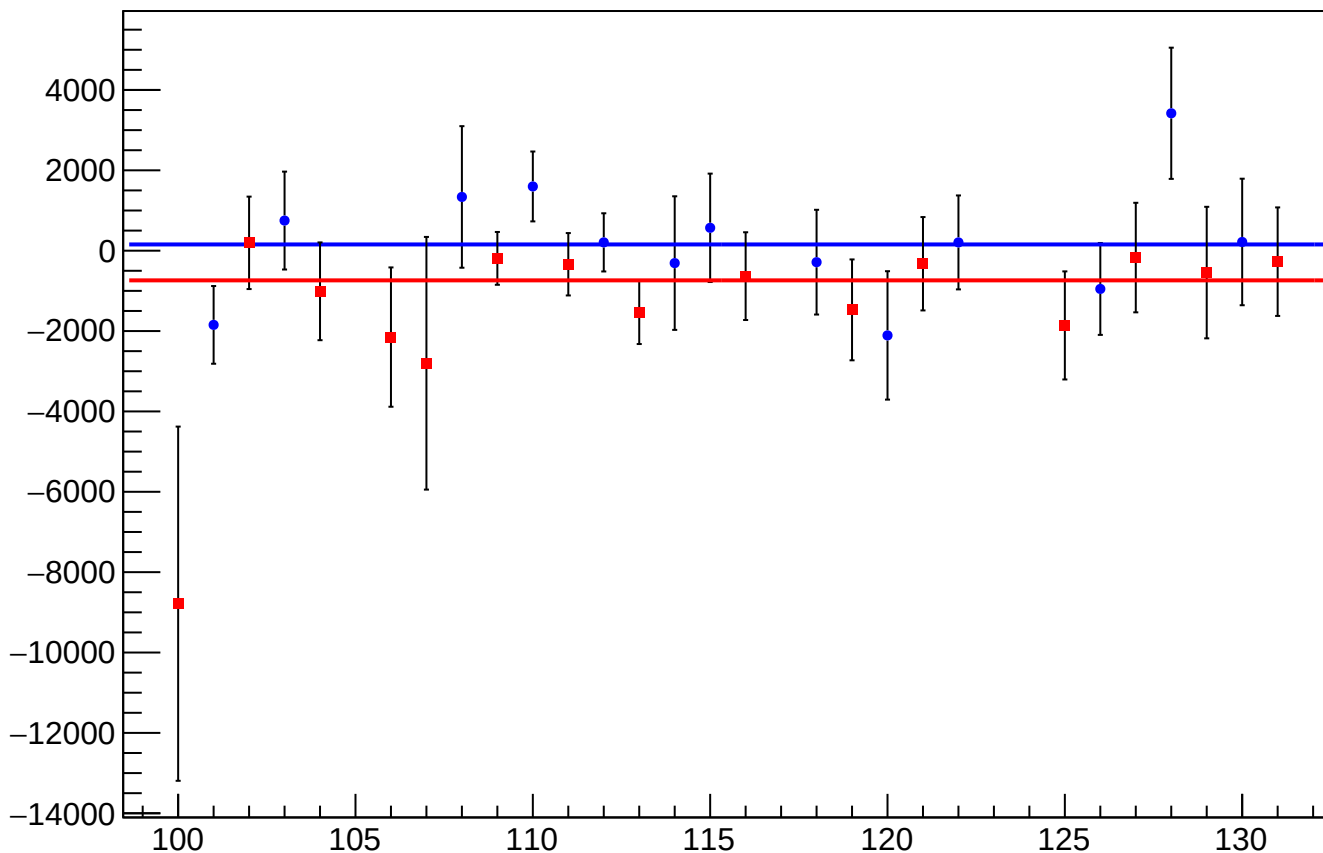
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 780.421 $\pm$ 0.161 χ^2 /NDF: 19012.1/27

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

asym_us_dd_eigen_dit_correction_mean vs Slug



Right In: 155.497 $\pm$ 325.069 χ^2 /NDF: 15.0/12

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

Right Out: -738.488 $\pm$ 291.782 χ^2 /NDF: 8.6/14

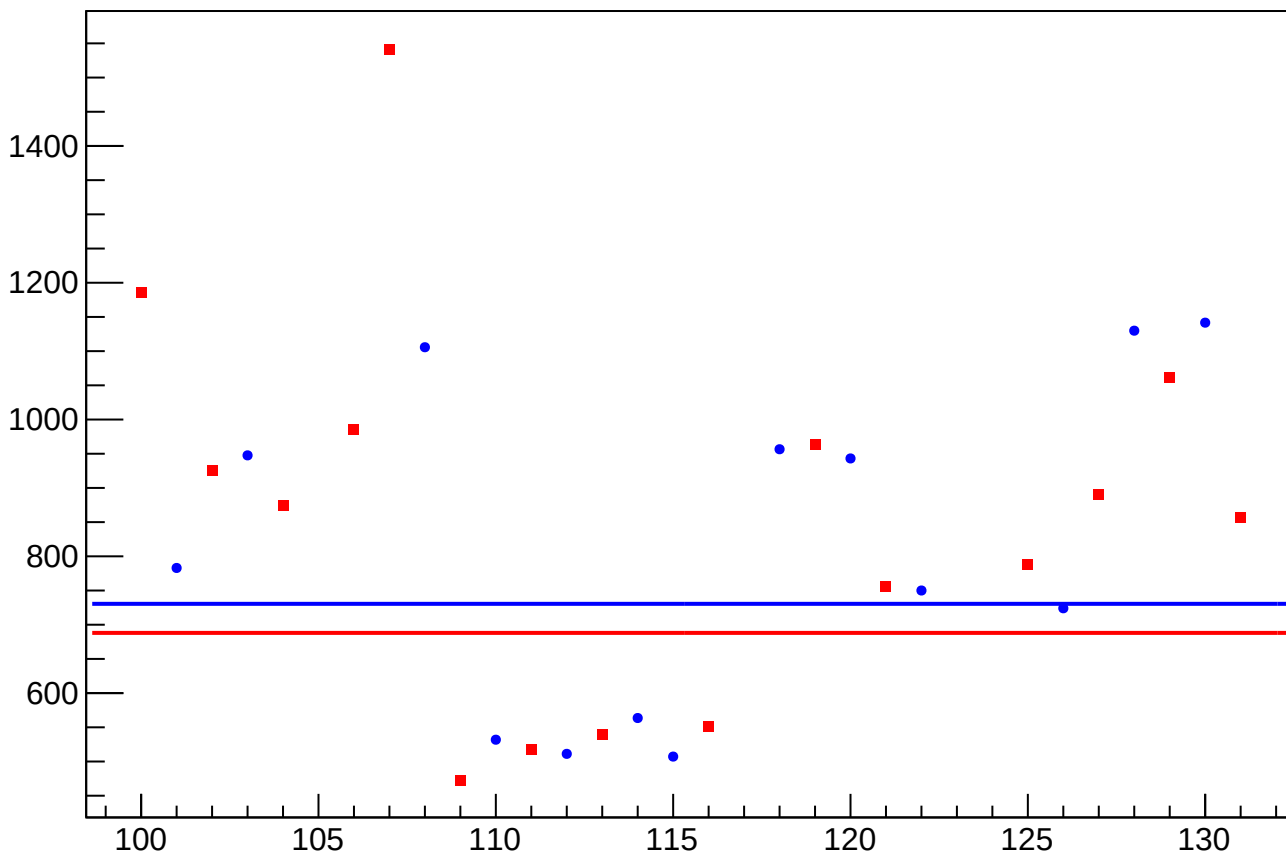
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -339.597 $\pm$ 217.139 χ^2 /NDF: 27.8/27

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

asym_us_dd_eigen_dit_correction_rms vs Slug



Right In: 730.548+/-0.230 χ^2/NDF : 875346.7/12

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

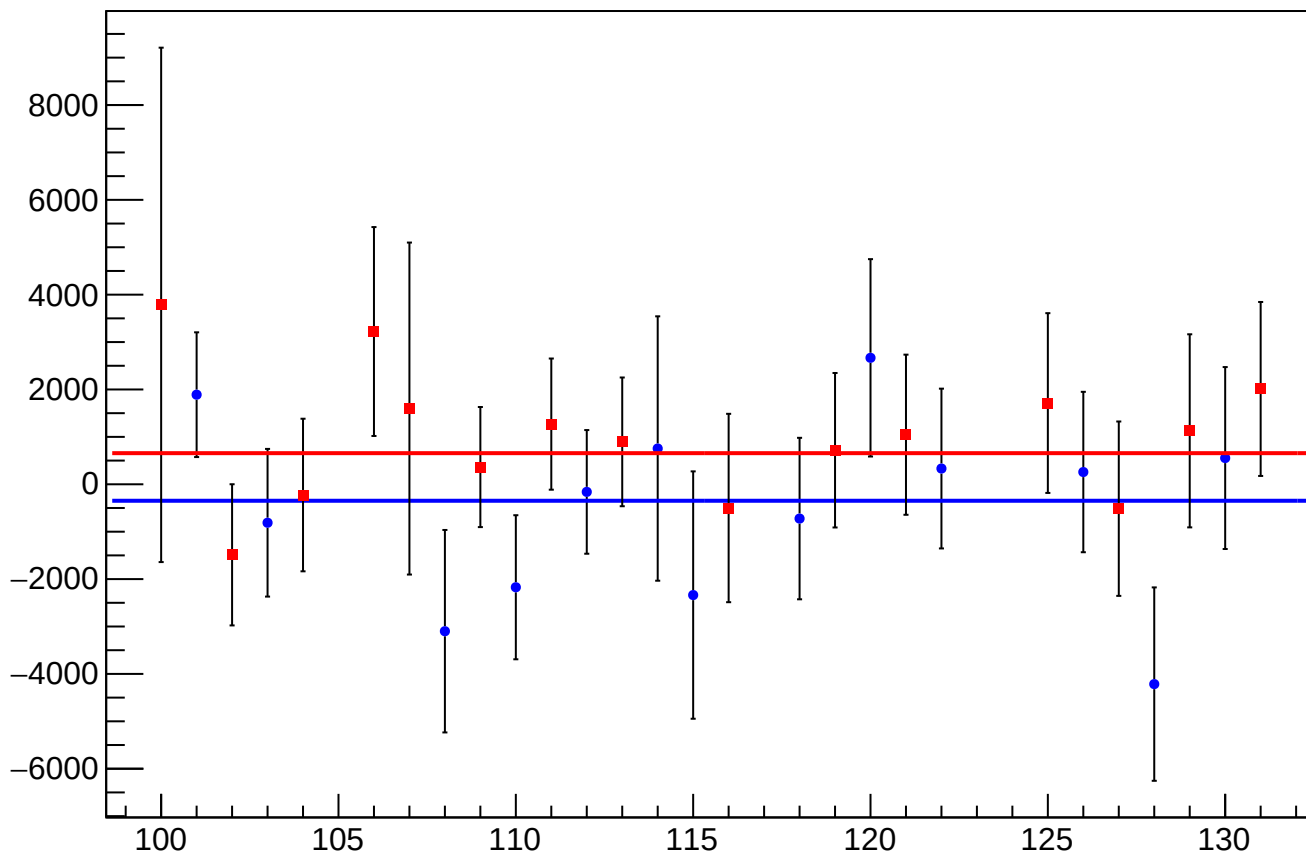
Right Out: 688.054+/-0.206 χ^2/NDF : 1072598.0/14

All: 707.015+/-0.154 χ^2/NDF : 1966872.2/27

- 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: -347.537 $\pm$ 482.561 χ^2 /NDF: 13.1/12

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

Right Out: 656.573 $\pm$ 449.955 χ^2 /NDF: 6.1/14

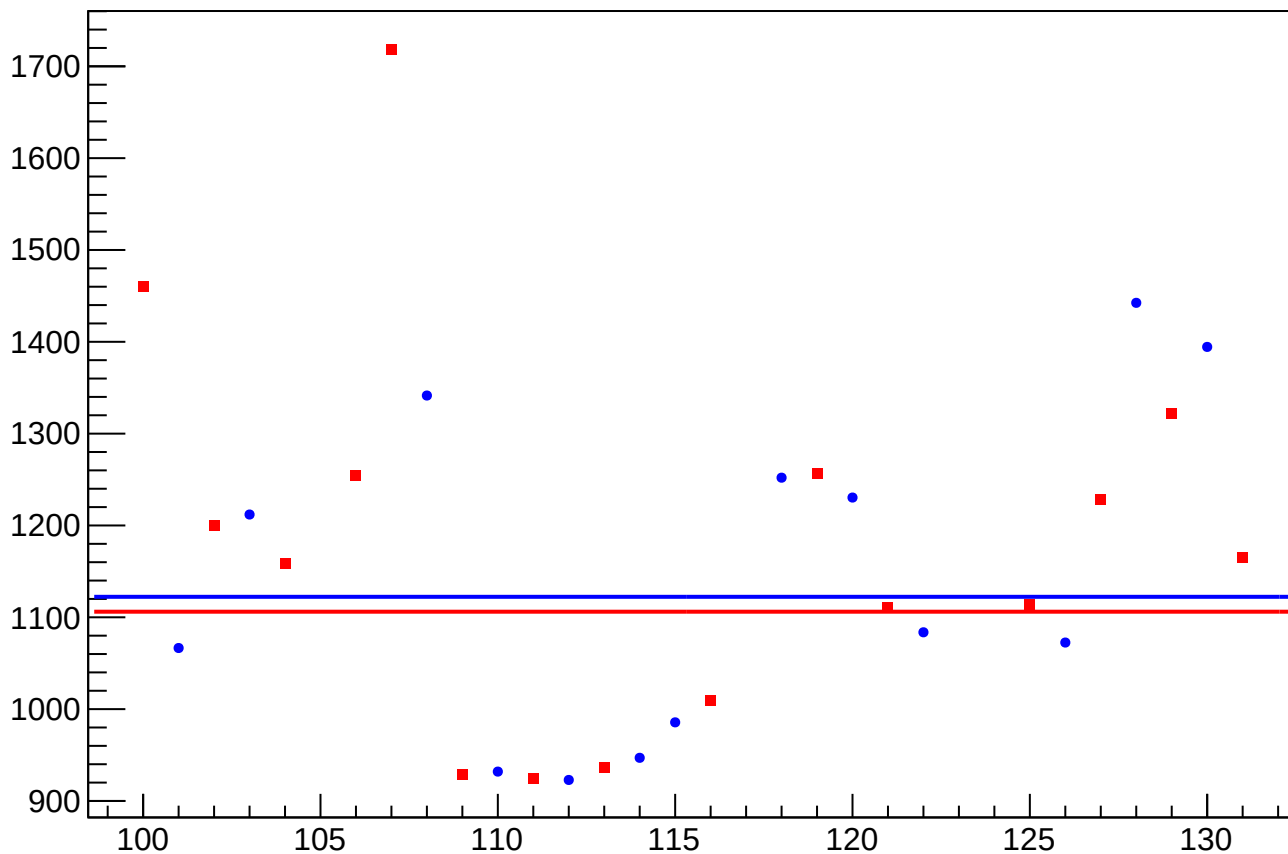
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 189.585 $\pm$ 329.090 χ^2 /NDF: 21.5/27

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

asym_us_dd_rms vs Slug



Right In: 1122.315 $\pm$ 0.341 χ^2 /NDF: 232082.0/12

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

Right Out: 1106.097 $\pm$ 0.318 χ^2 /NDF: 248490.3/14

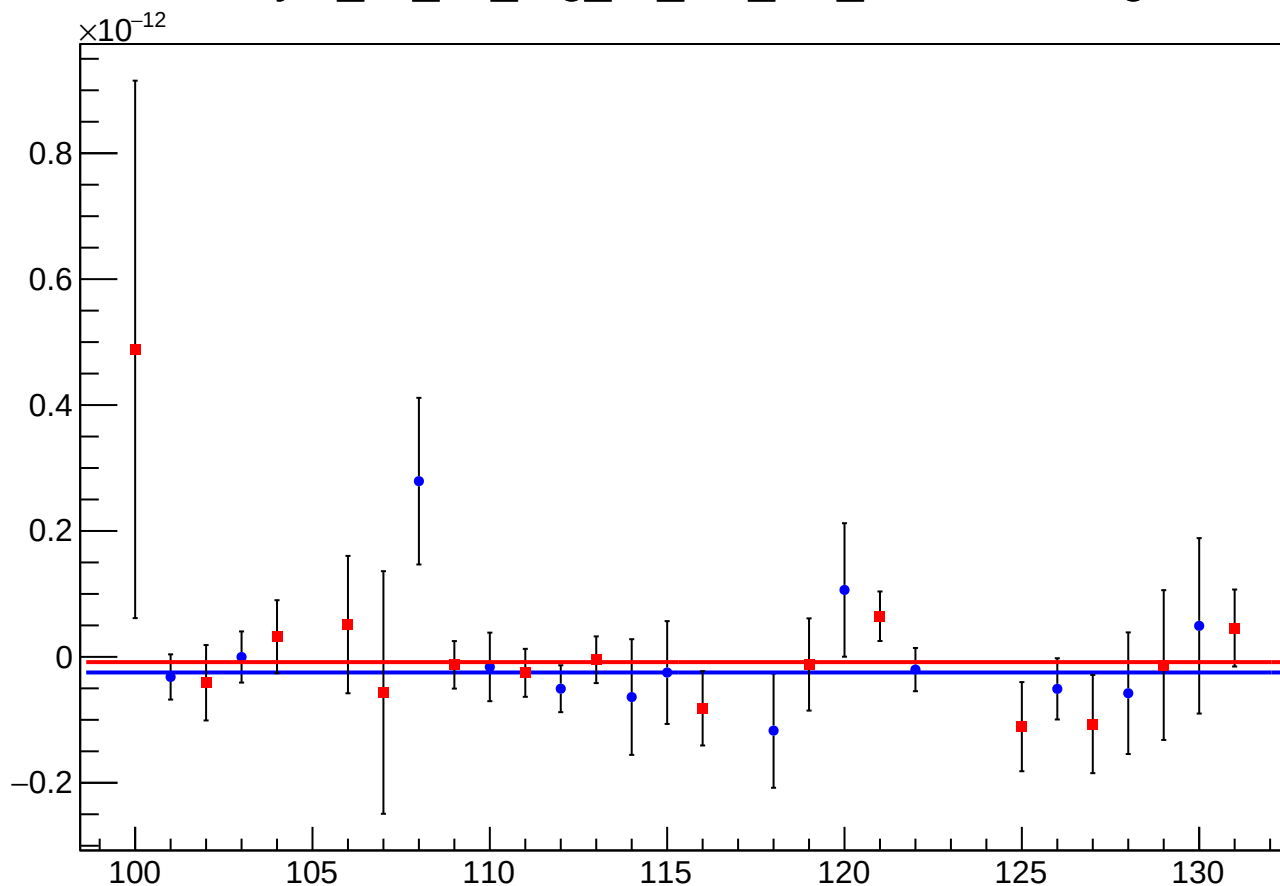
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1113.640 $\pm$ 0.233 χ^2 /NDF: 481780.6/27

- 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+/-0.000 χ^2/NDF : 9.6/12

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

Right Out: -0.000+/-0.000 χ^2/NDF : 12.2/14

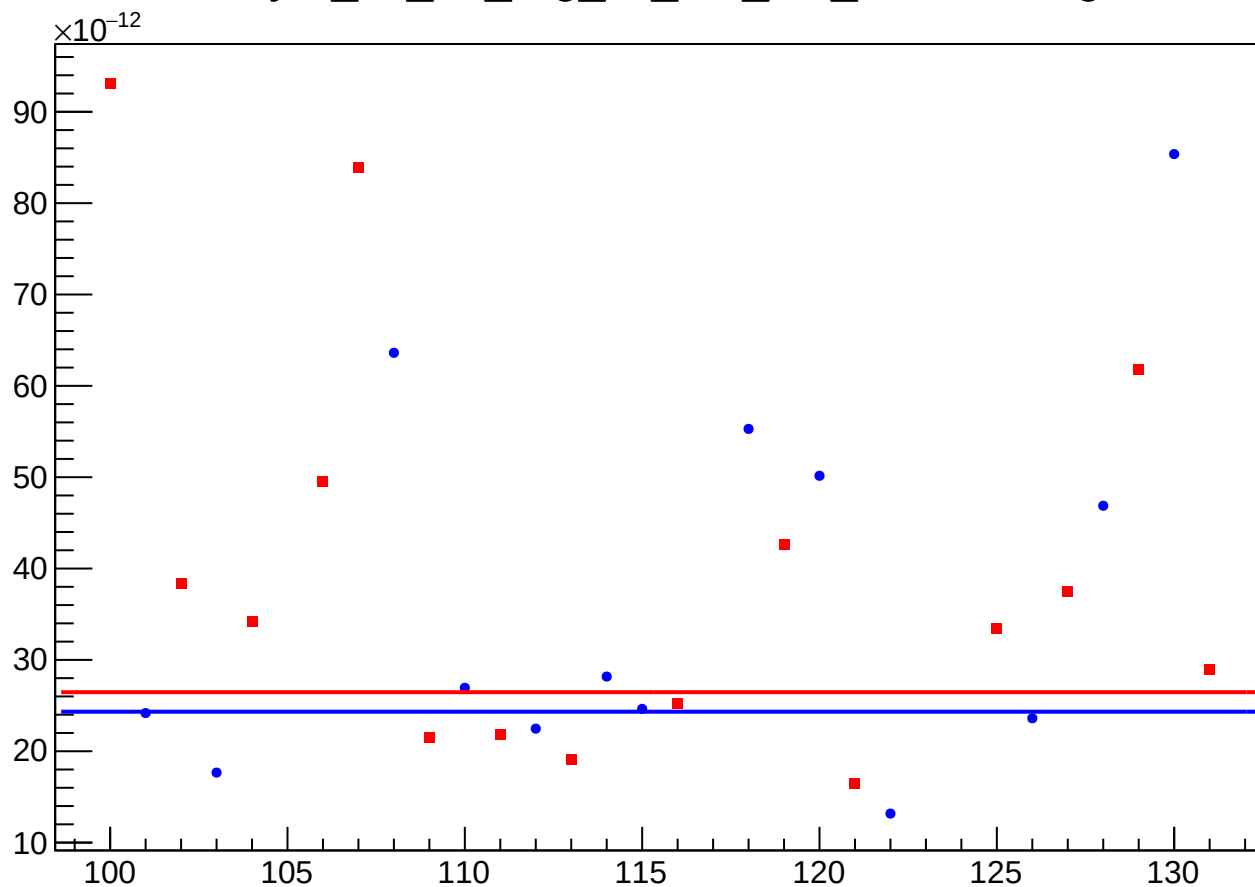
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1298862.5/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1041095.8/14

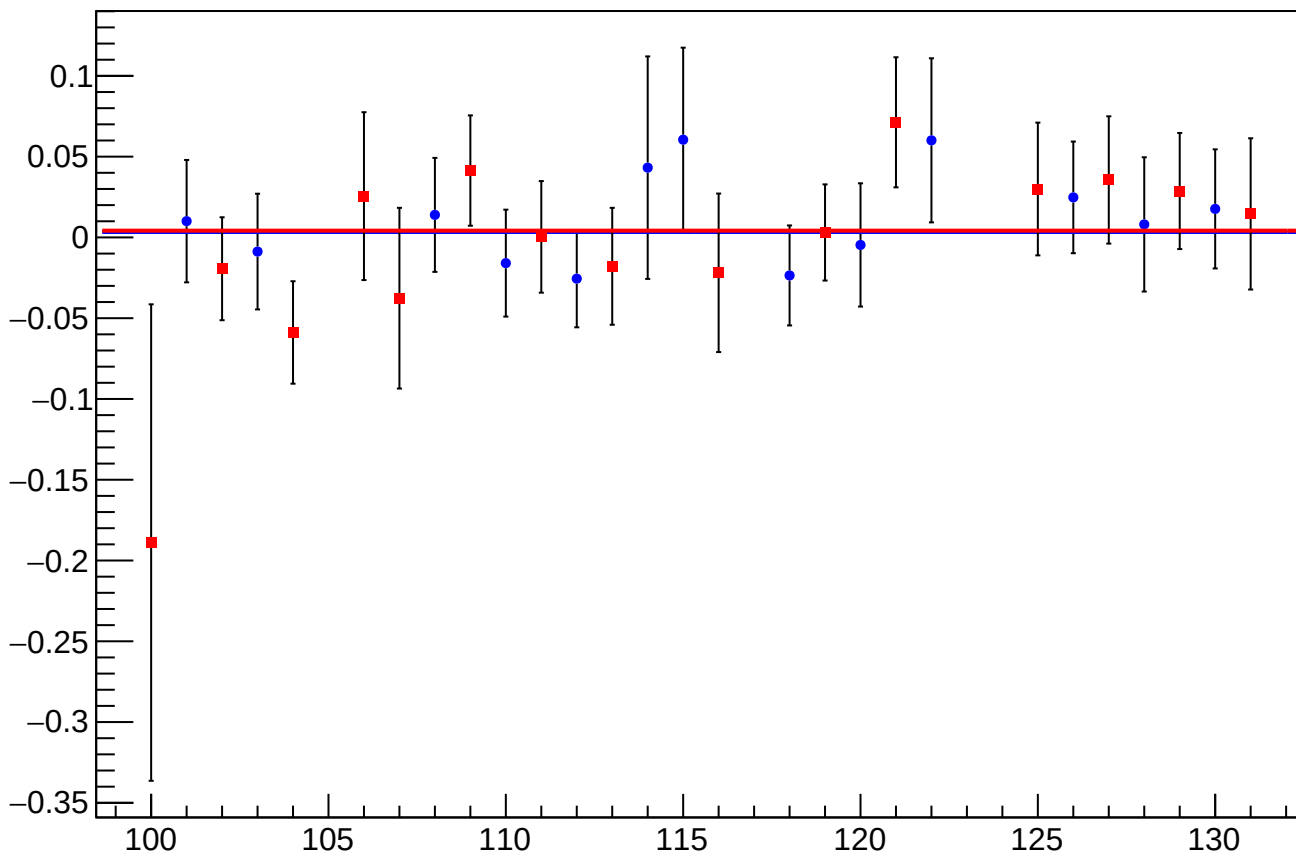
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2360584.8/27

- 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 $\pm$ 0.010 χ^2 /NDF: 5.4/12

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

Right Out: 0.004 $\pm$ 0.010 χ^2 /NDF: 13.1/14

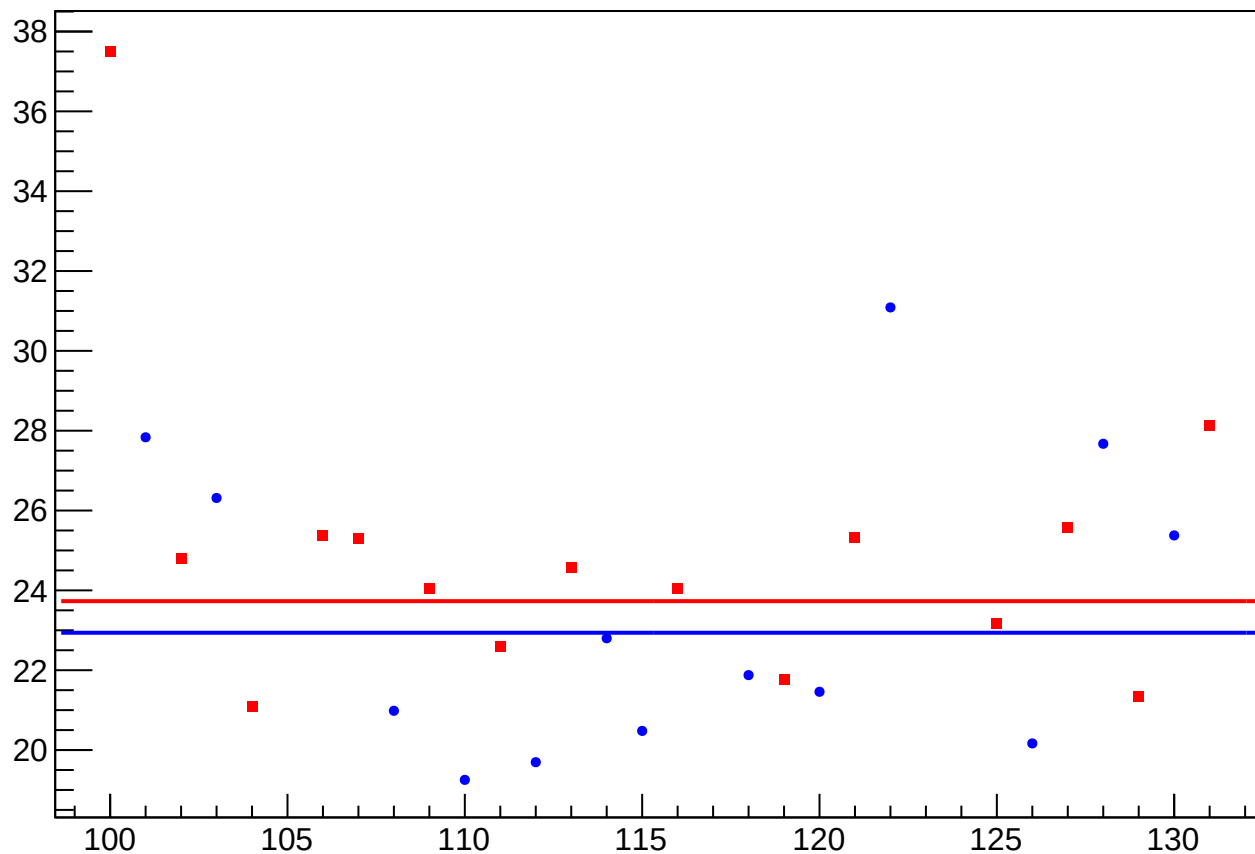
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.004 $\pm$ 0.007 χ^2 /NDF: 18.5/27

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

asym_us_dd_dit_vs_cor_diff_rms vs Slug



Right In: 22.938+/-0.007 χ^2 /NDF: 213478.1/12

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

Right Out: 23.730+/-0.007 χ^2 /NDF: 83722.3/14

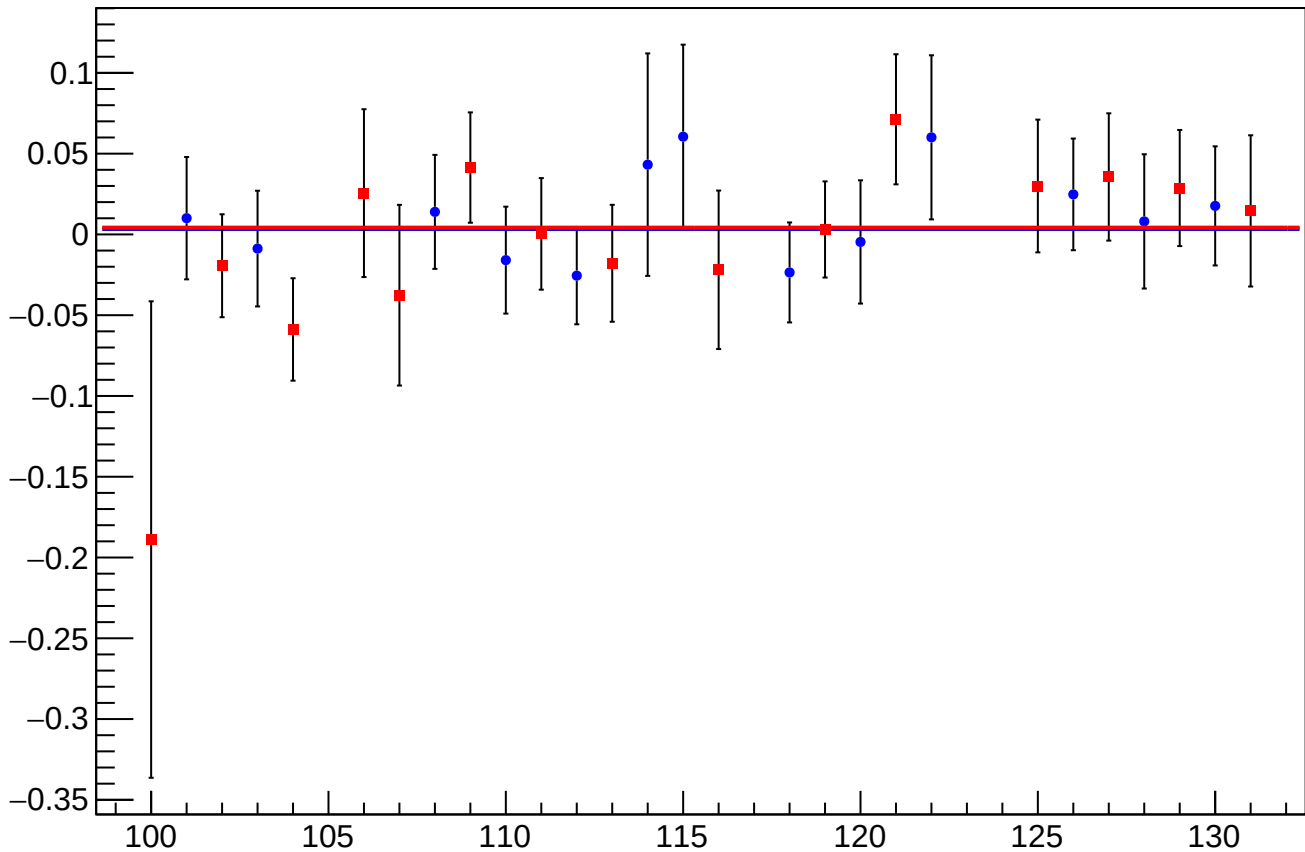
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 23.349+/-0.005 χ^2 /NDF: 303115.6/27

- 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 : 5.4/12

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

Right Out: 0.004+/-0.010 χ^2/NDF : 13.1/14

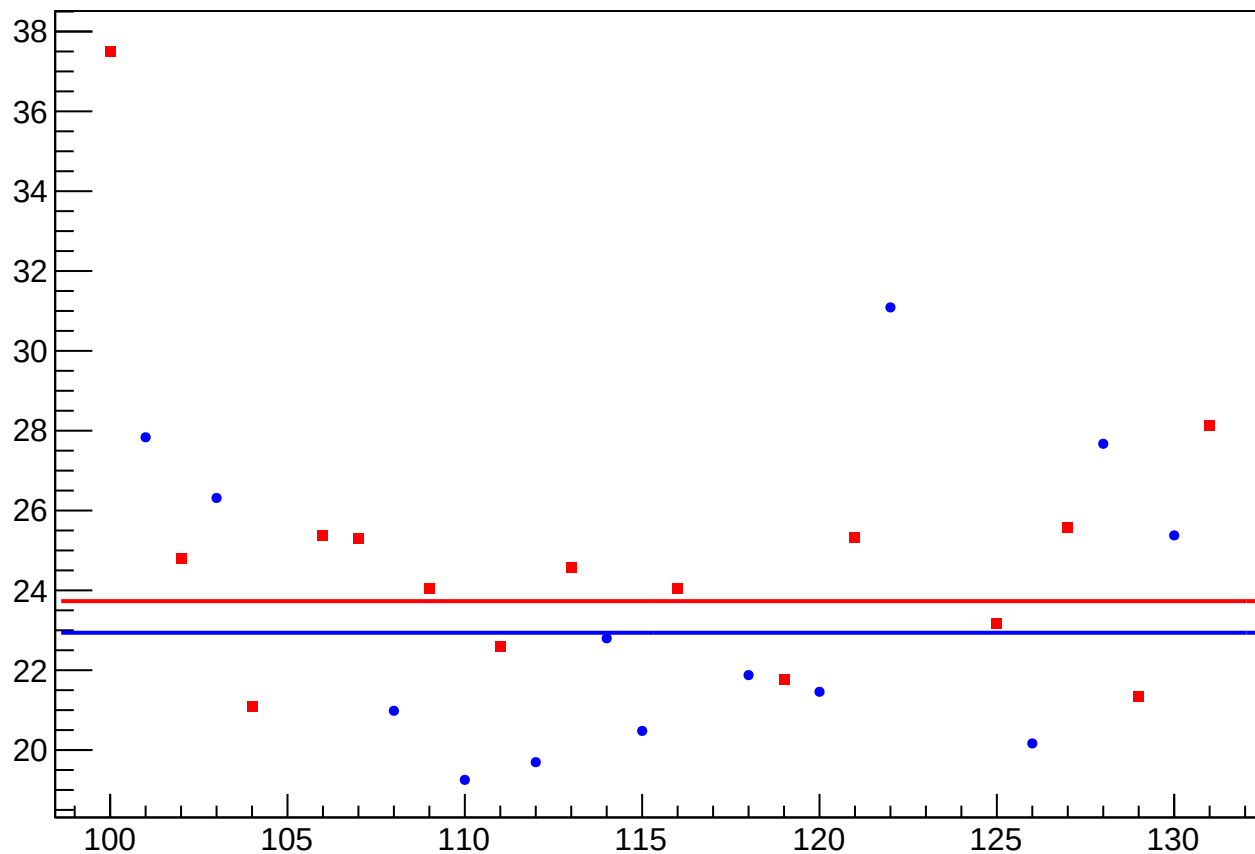
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.007 χ^2/NDF : 18.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 22.938+/-0.007 χ^2/NDF : 213478.1/12

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

Right Out: 23.730+/-0.007 χ^2/NDF : 83722.3/14

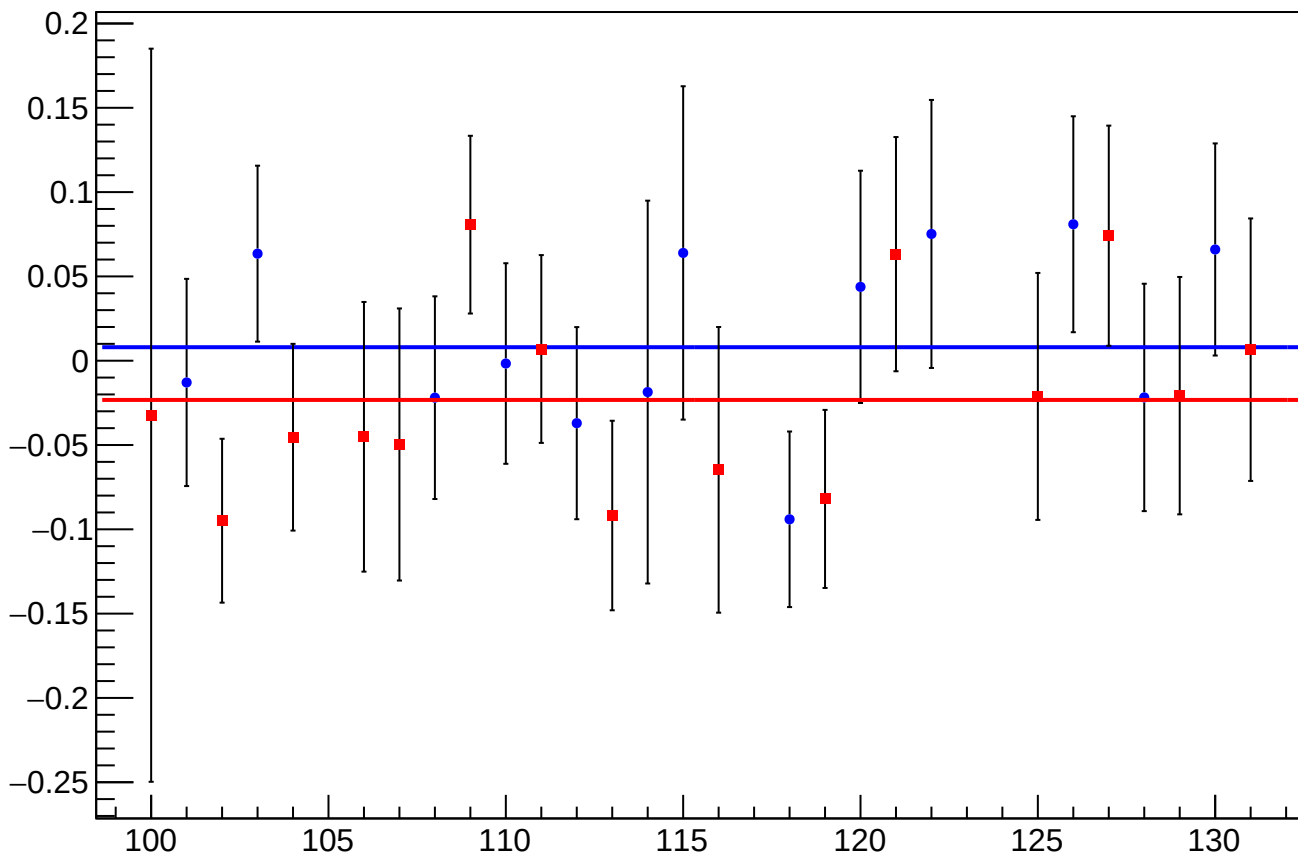
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.349+/-0.005 χ^2/NDF : 303115.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_dit_vs_overload_cor_diff_mean vs Slug



Right In: 0.008 $\pm$ 0.018 χ^2 /NDF: 9.7/12

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

Right Out: -0.023 $\pm$ 0.017 χ^2 /NDF: 13.6/14

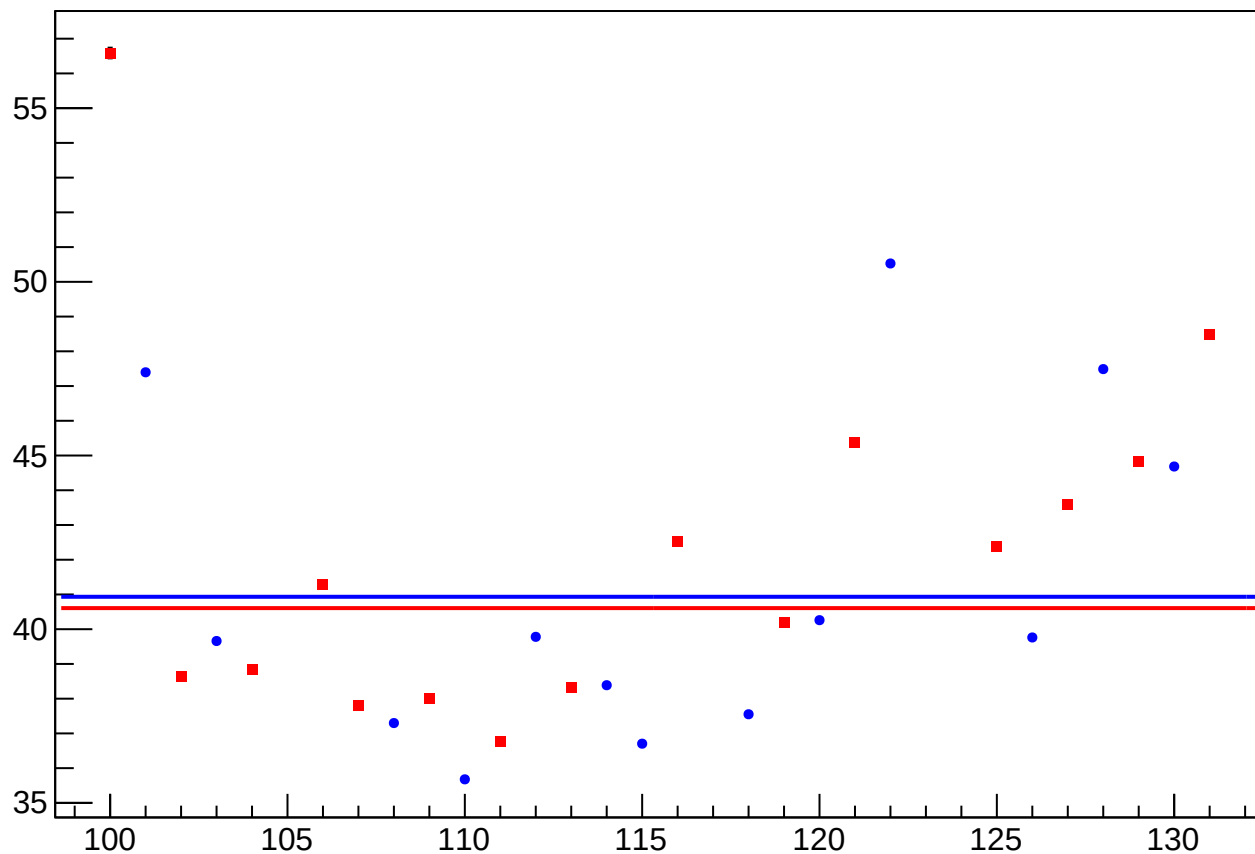
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.009 $\pm$ 0.012 χ^2 /NDF: 24.9/27

- 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: 40.933+/-0.013 χ^2/NDF : 116183.8/12

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

Right Out: 40.607+/-0.012 χ^2/NDF : 80074.5/14

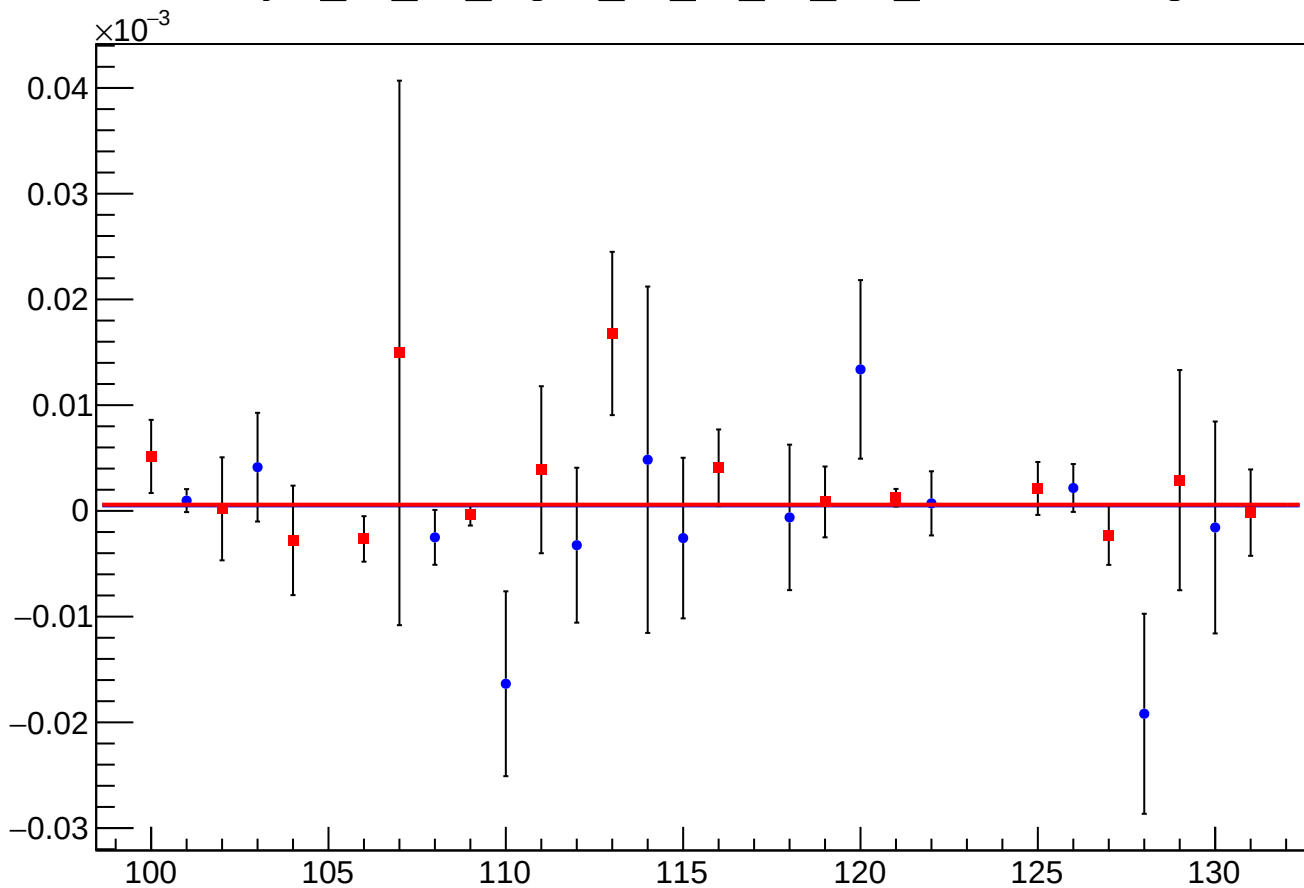
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.760+/-0.009 χ^2/NDF : 196613.6/27

- 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: 13.5/12

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.3/14

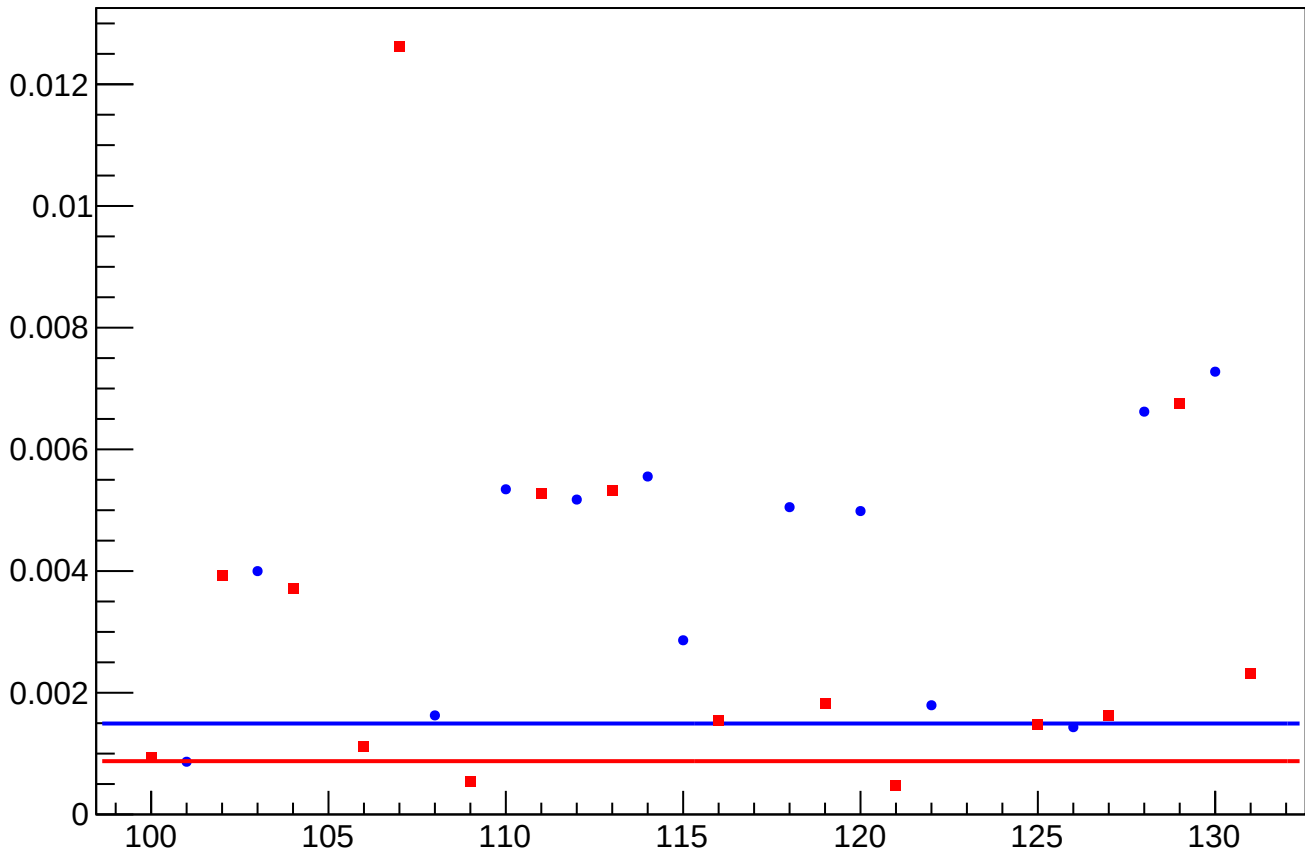
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 26.8/27

- 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: 0.001+/-0.000 χ^2/NDF : 4379074.8/12

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

Right Out: 0.001+/-0.000 χ^2/NDF : 5167206.1/14

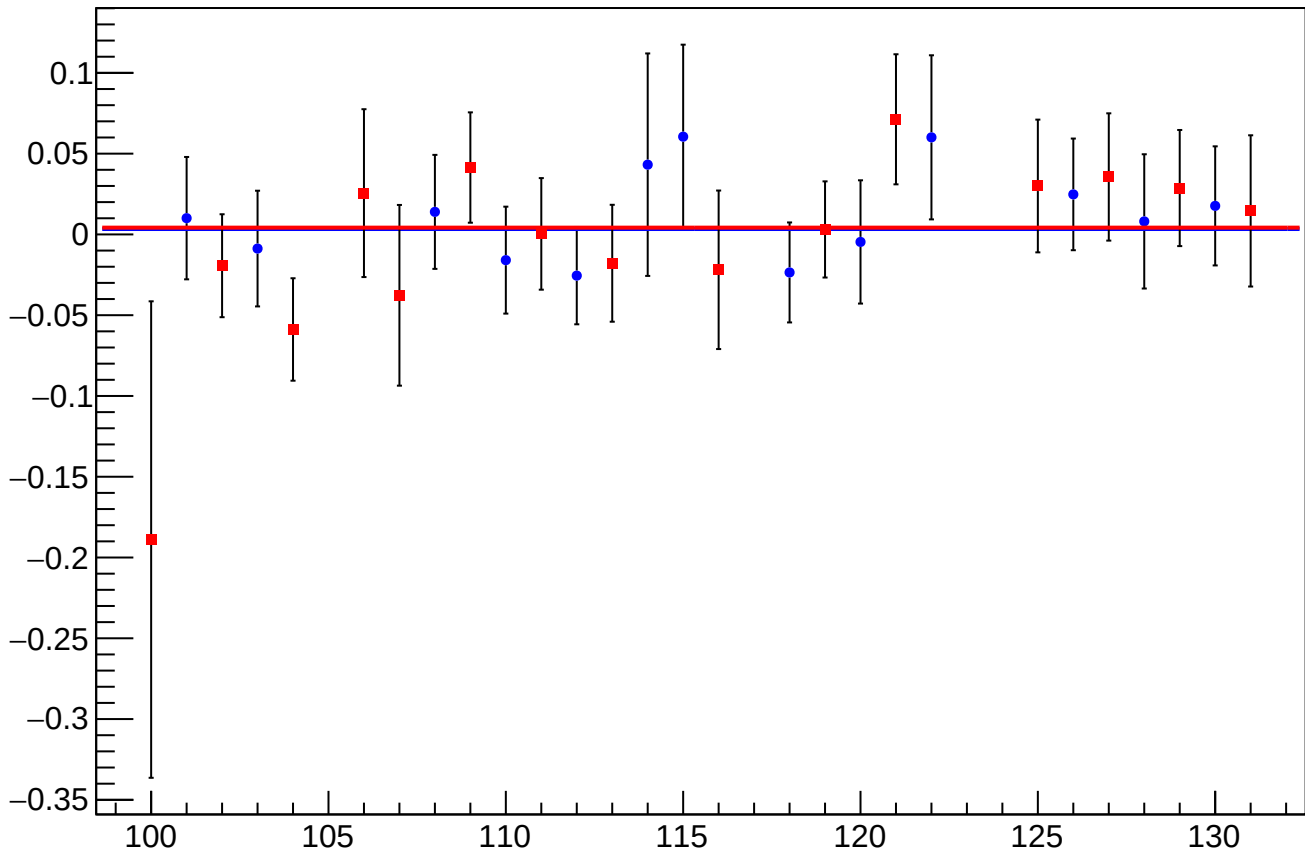
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 10321440.2/27

- 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 : 5.4/12

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

Right Out: 0.004+/-0.010 χ^2/NDF : 13.1/14

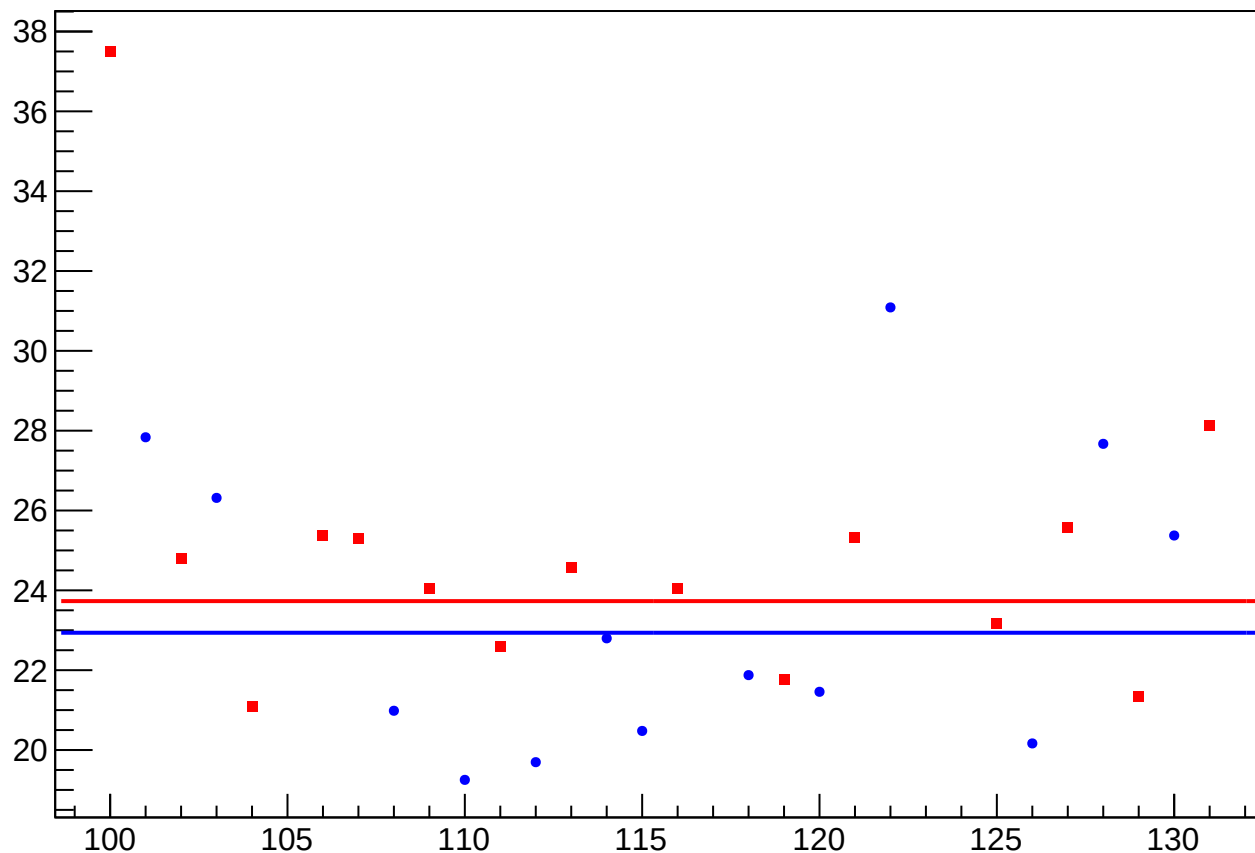
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.007 χ^2/NDF : 18.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 22.938+/-0.007 χ^2/NDF : 213489.1/12

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

Right Out: 23.730+/-0.007 χ^2/NDF : 83706.3/14

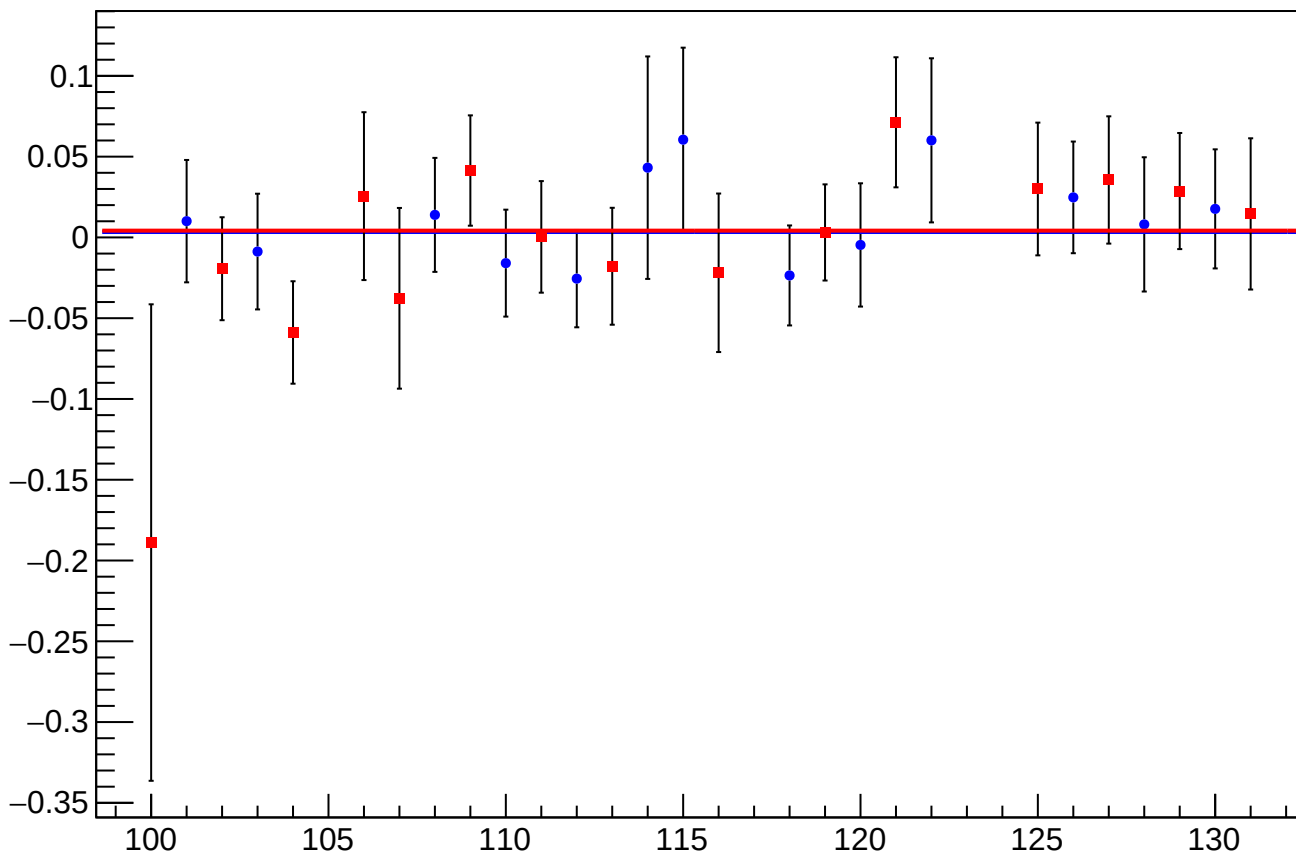
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.349+/-0.005 χ^2/NDF : 303120.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.003+/-0.010 χ^2/NDF : 5.4/12

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

Right Out: 0.004+/-0.010 χ^2/NDF : 13.1/14

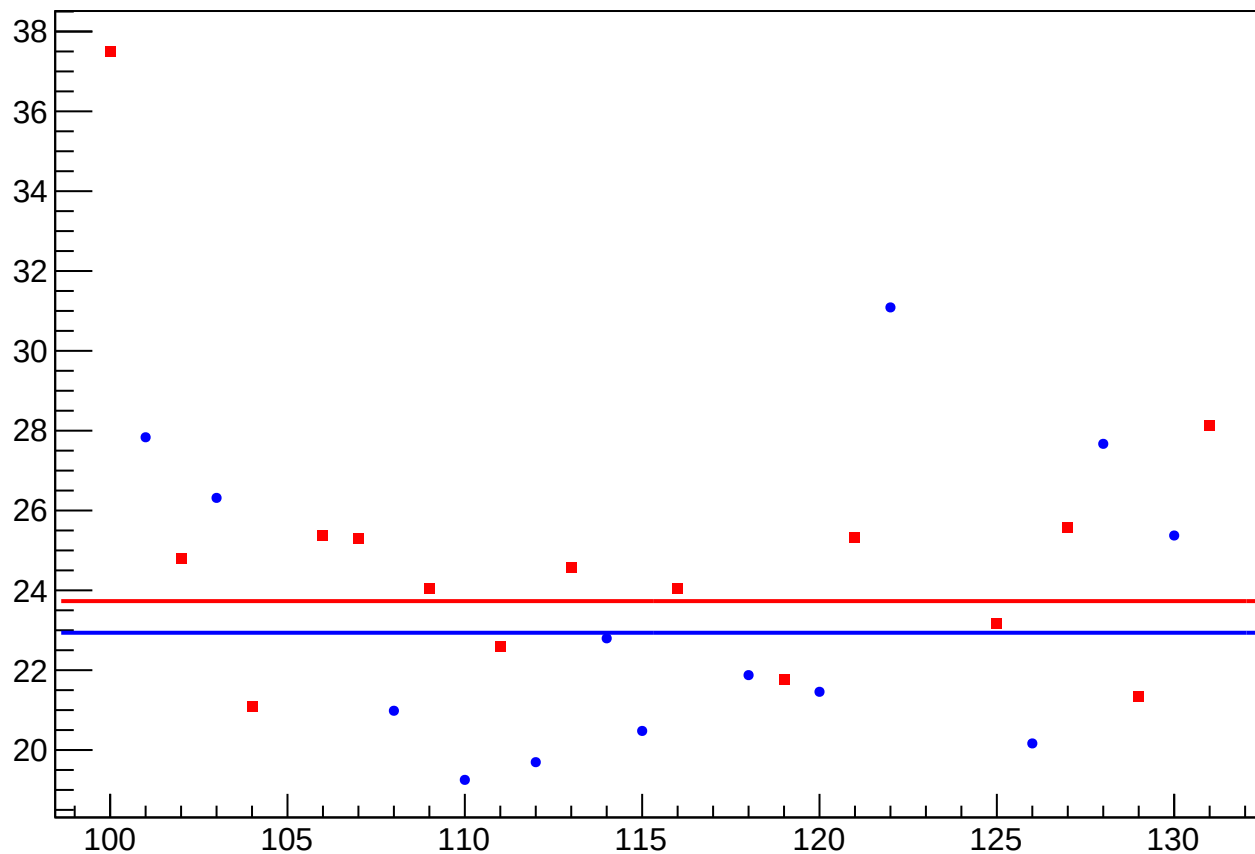
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.007 χ^2/NDF : 18.5/27

- 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: 22.938+/-0.007 χ^2/NDF : 213489.1/12

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

Right Out: 23.730+/-0.007 χ^2/NDF : 83706.3/14

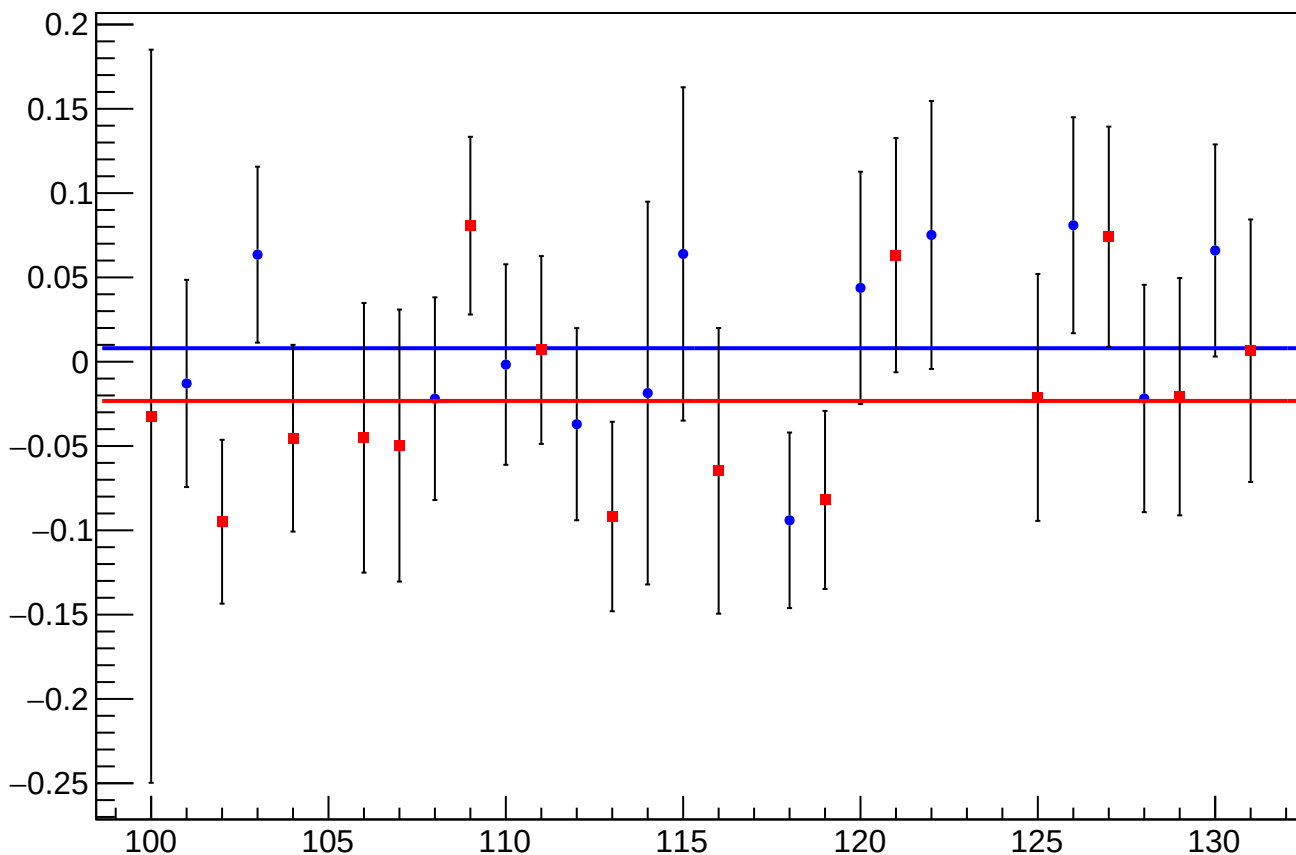
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.349+/-0.005 χ^2/NDF : 303120.9/27

- 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: 0.008 $\pm$ 0.018 χ^2 /NDF: 9.7/12

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

Right Out: -0.023 $\pm$ 0.017 χ^2 /NDF: 13.6/14

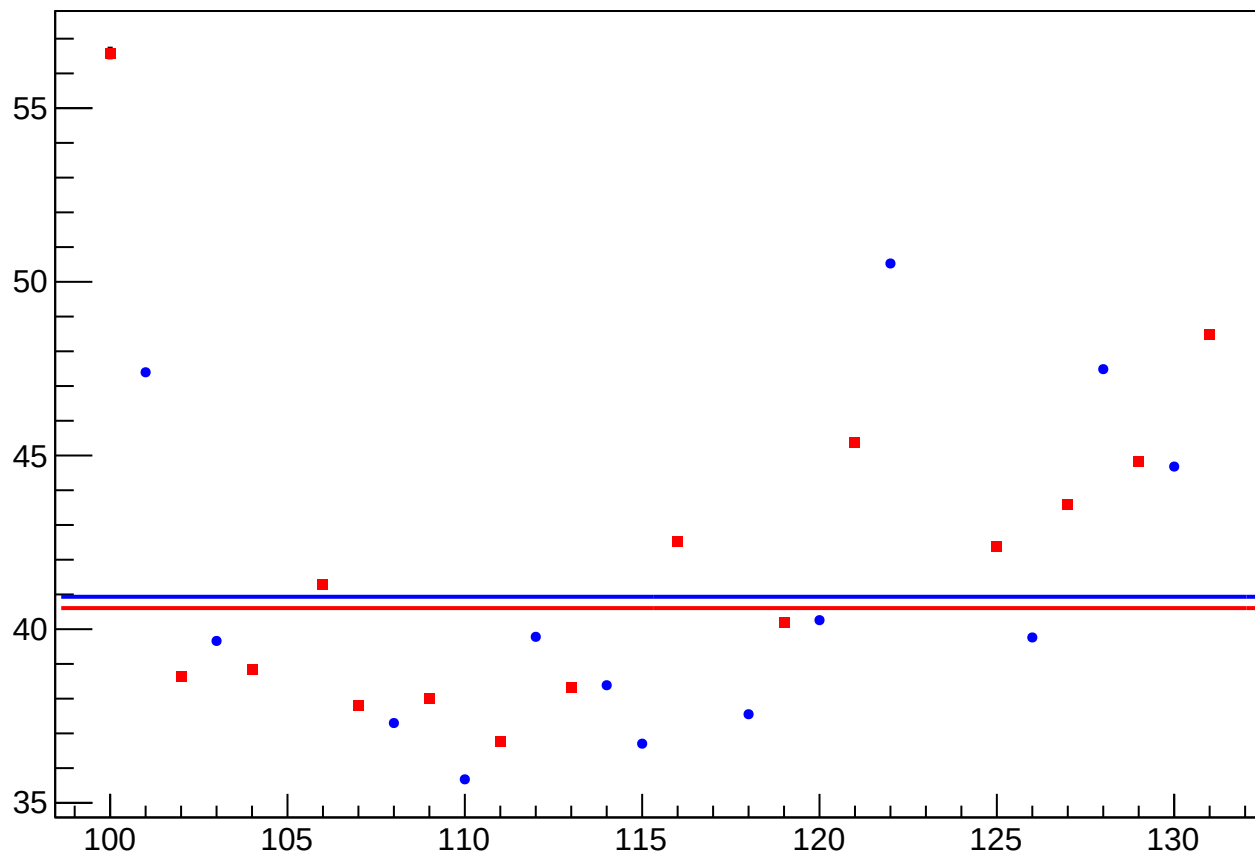
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.009 $\pm$ 0.012 χ^2 /NDF: 24.9/27

- 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: 40.933+/-0.013 χ^2/NDF : 116167.2/12

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

Right Out: 40.607+/-0.012 χ^2/NDF : 80062.9/14

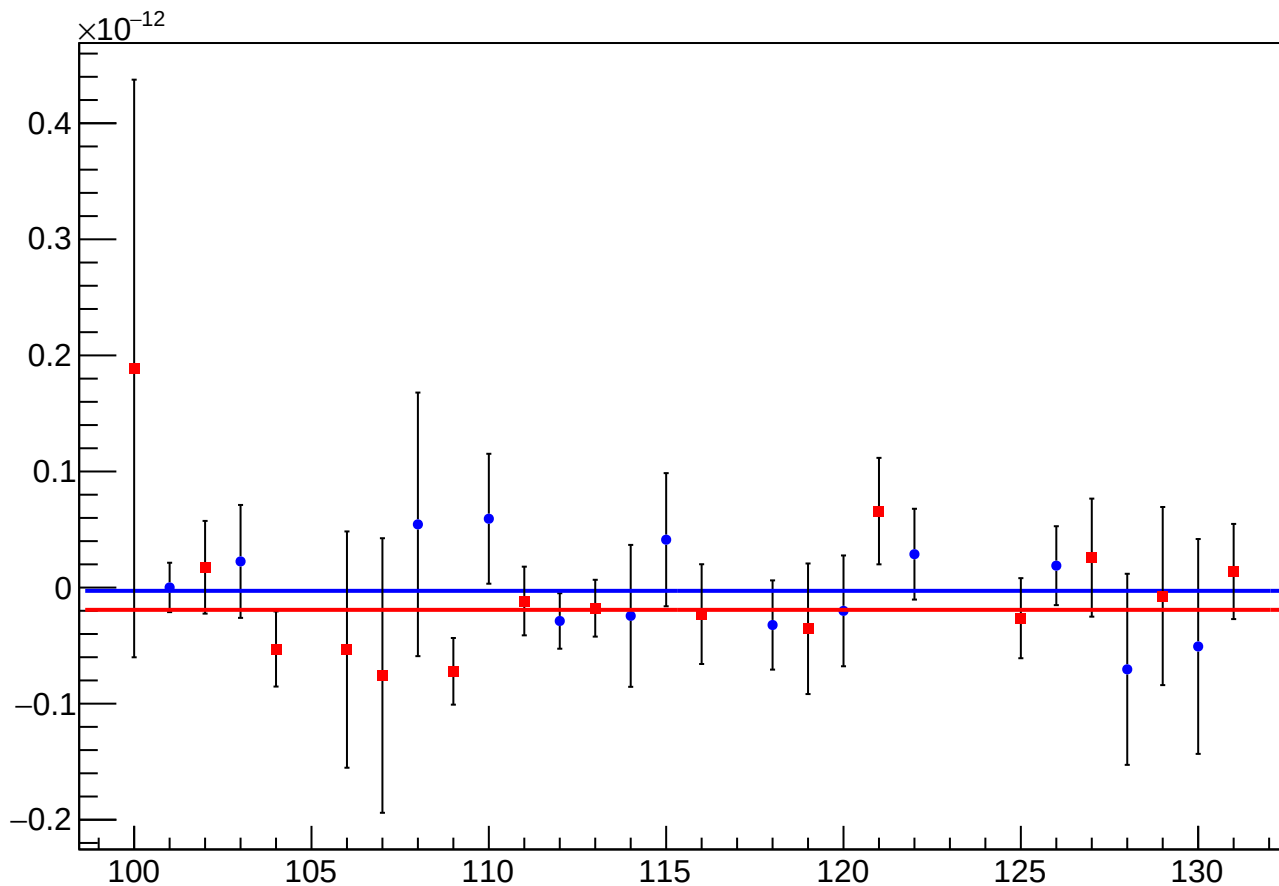
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.759+/-0.009 χ^2/NDF : 196585.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.4/12

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.5/14

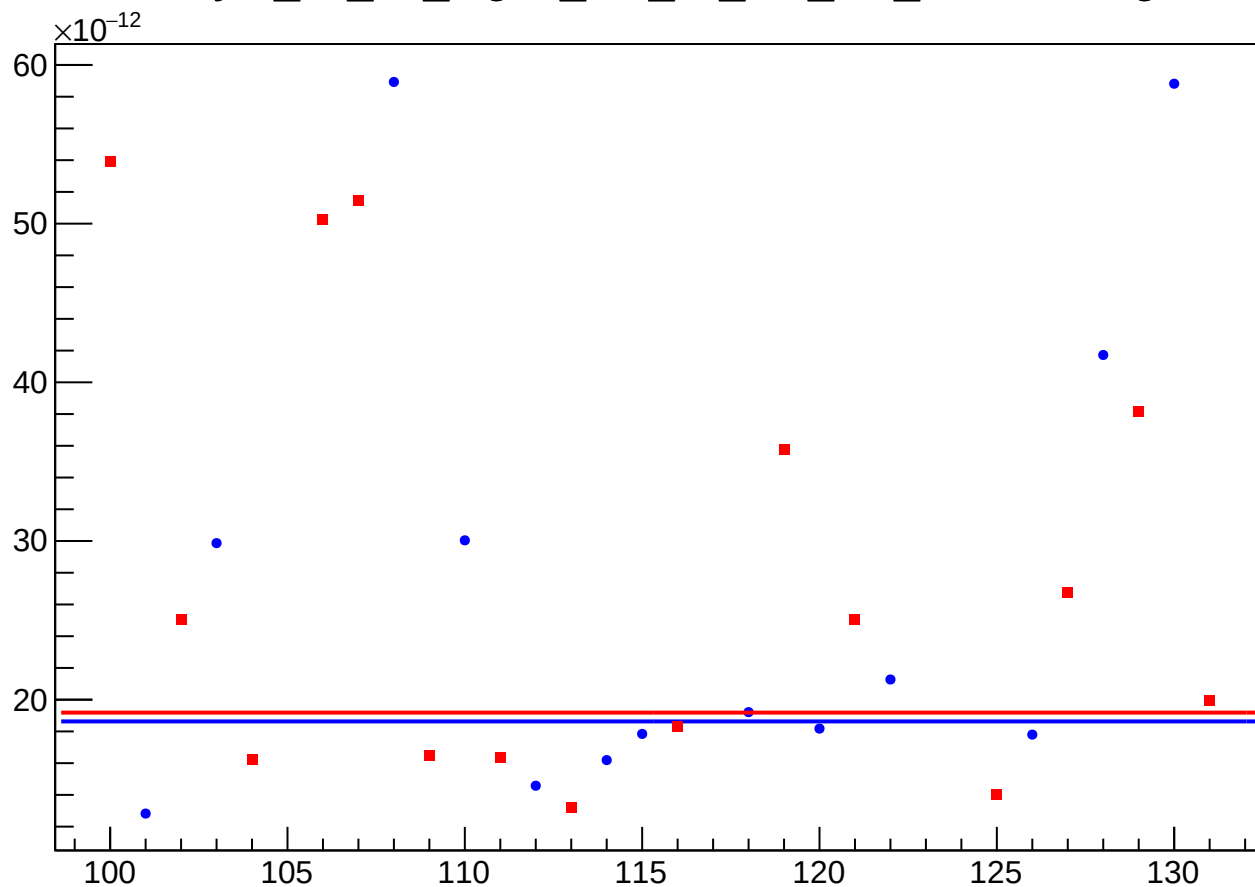
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 19.0/27

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

asym_us_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1197644.4/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1010061.1/14

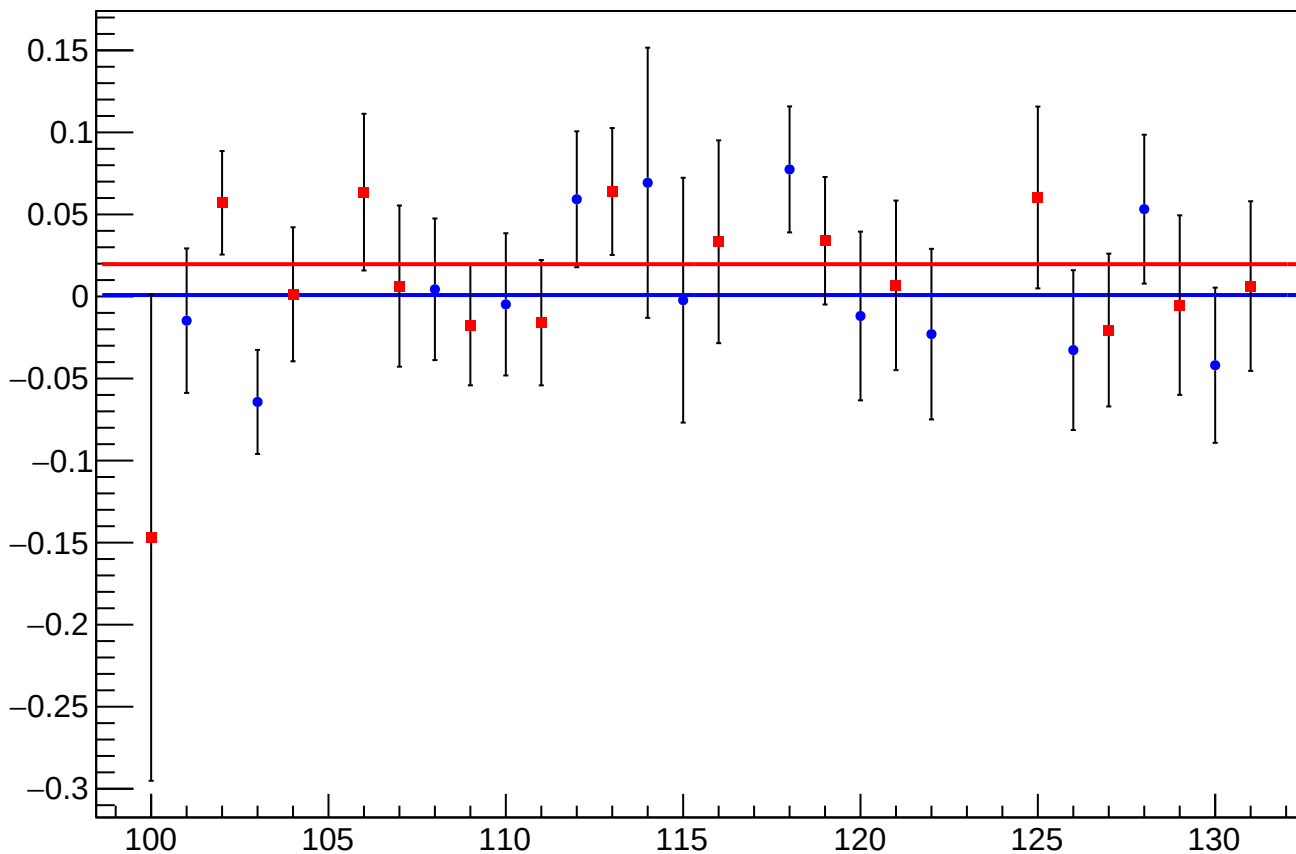
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2210370.2/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_overload_cor_vs_cor_diff_mean vs Slug



Right In: 0.001 $\pm$ 0.013 χ^2 /NDF: 13.9/12

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

Right Out: 0.020 $\pm$ 0.012 χ^2 /NDF: 8.8/14

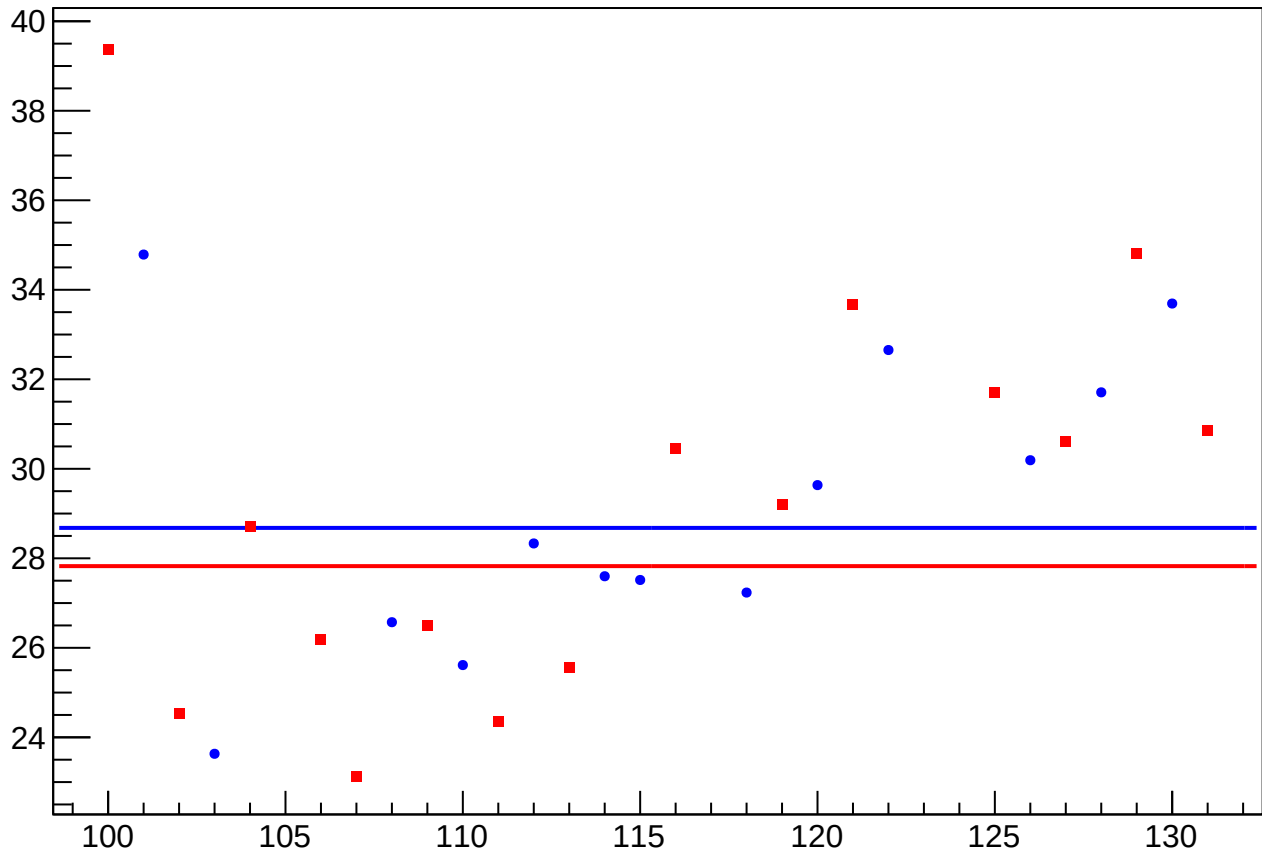
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.011 $\pm$ 0.009 χ^2 /NDF: 23.9/27

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

asym_us_dd_overload_cor_vs_cor_diff_rms vs Slug



Right In: 28.680+/-0.009 χ^2/NDF : 153420.1/12

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

Right Out: 27.825+/-0.008 χ^2/NDF : 169874.6/14

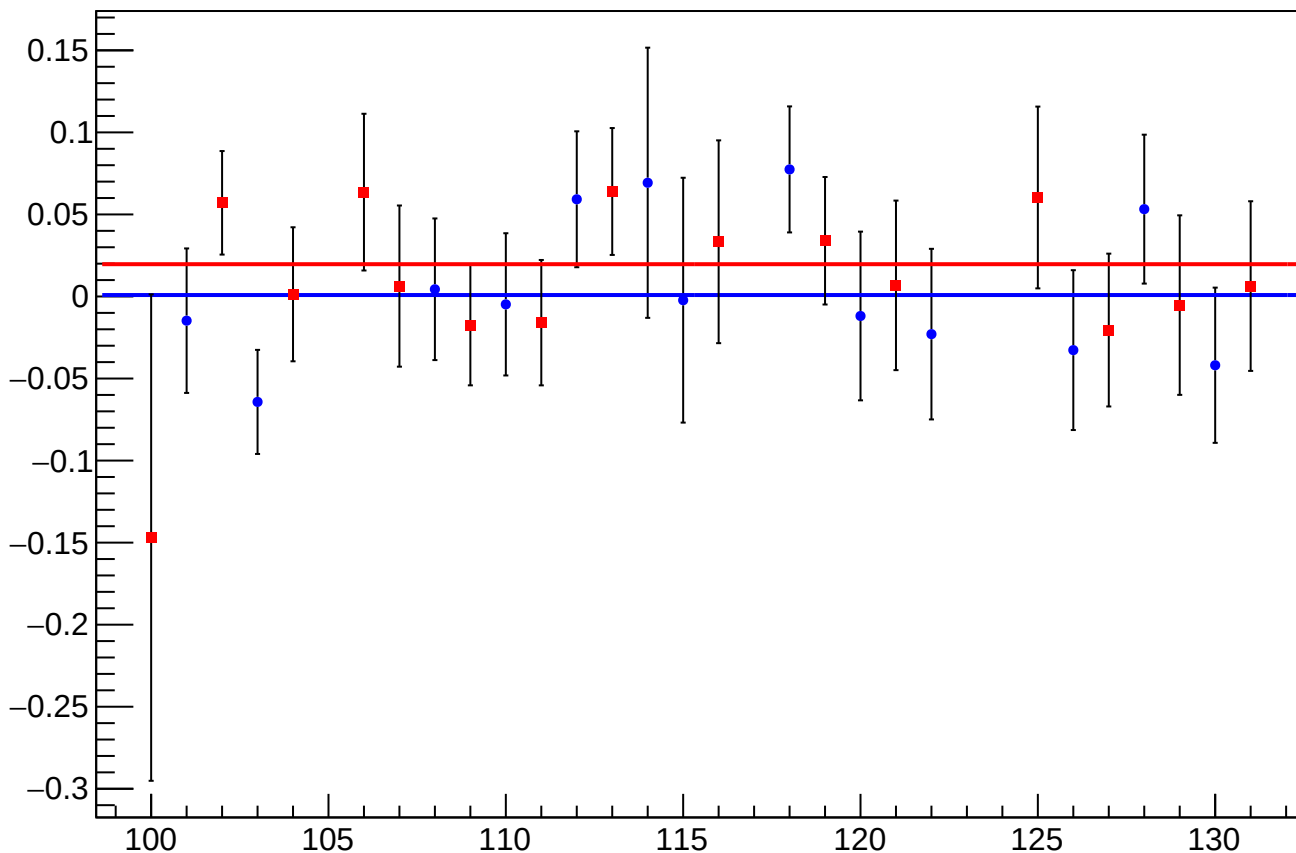
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.217+/-0.006 χ^2/NDF : 328246.1/27

- 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: 0.001 $\pm$ 0.013 χ^2 /NDF: 13.9/12

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

Right Out: 0.020 $\pm$ 0.012 χ^2 /NDF: 8.8/14

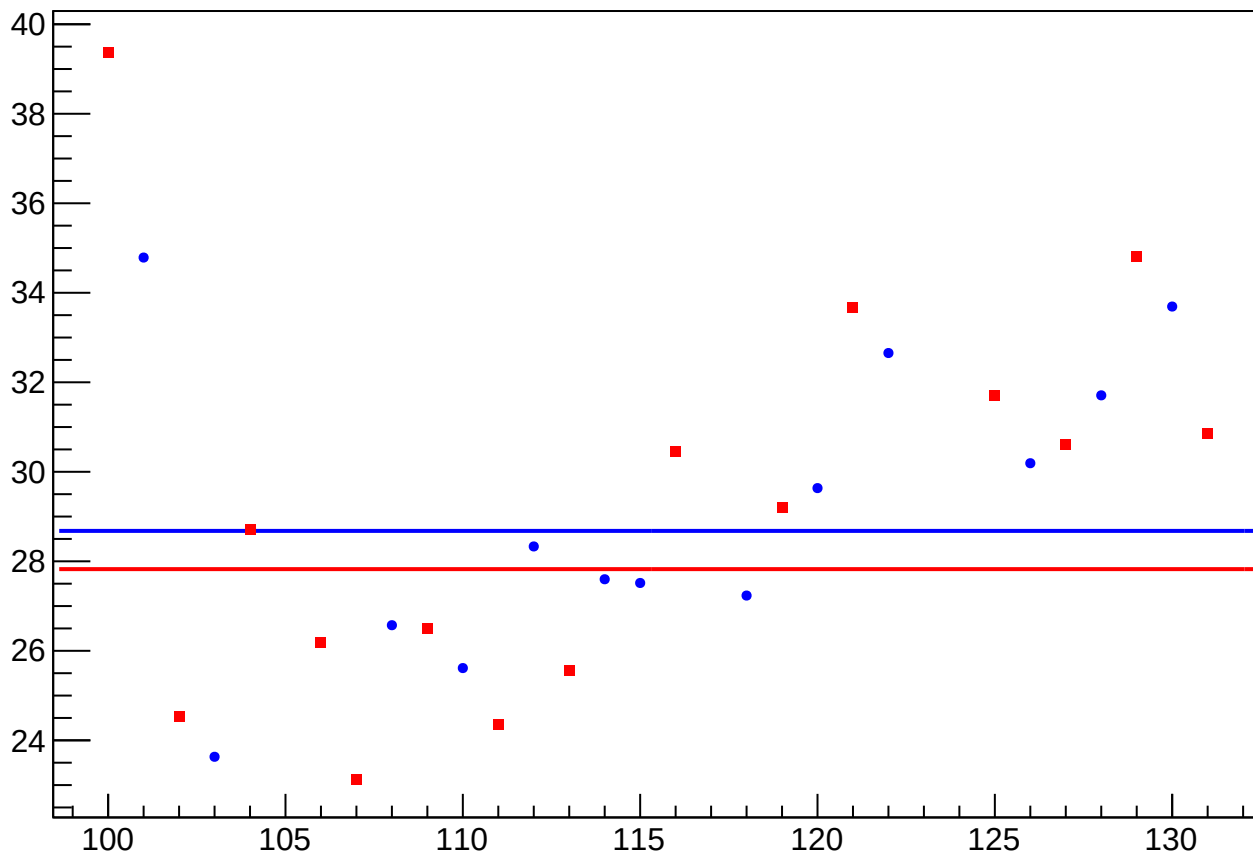
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.011 $\pm$ 0.009 χ^2 /NDF: 23.9/27

- 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: 28.680 $\pm$ 0.009 χ^2 /NDF: 153420.1/12

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

Right Out: 27.825 $\pm$ 0.008 χ^2 /NDF: 169874.6/14

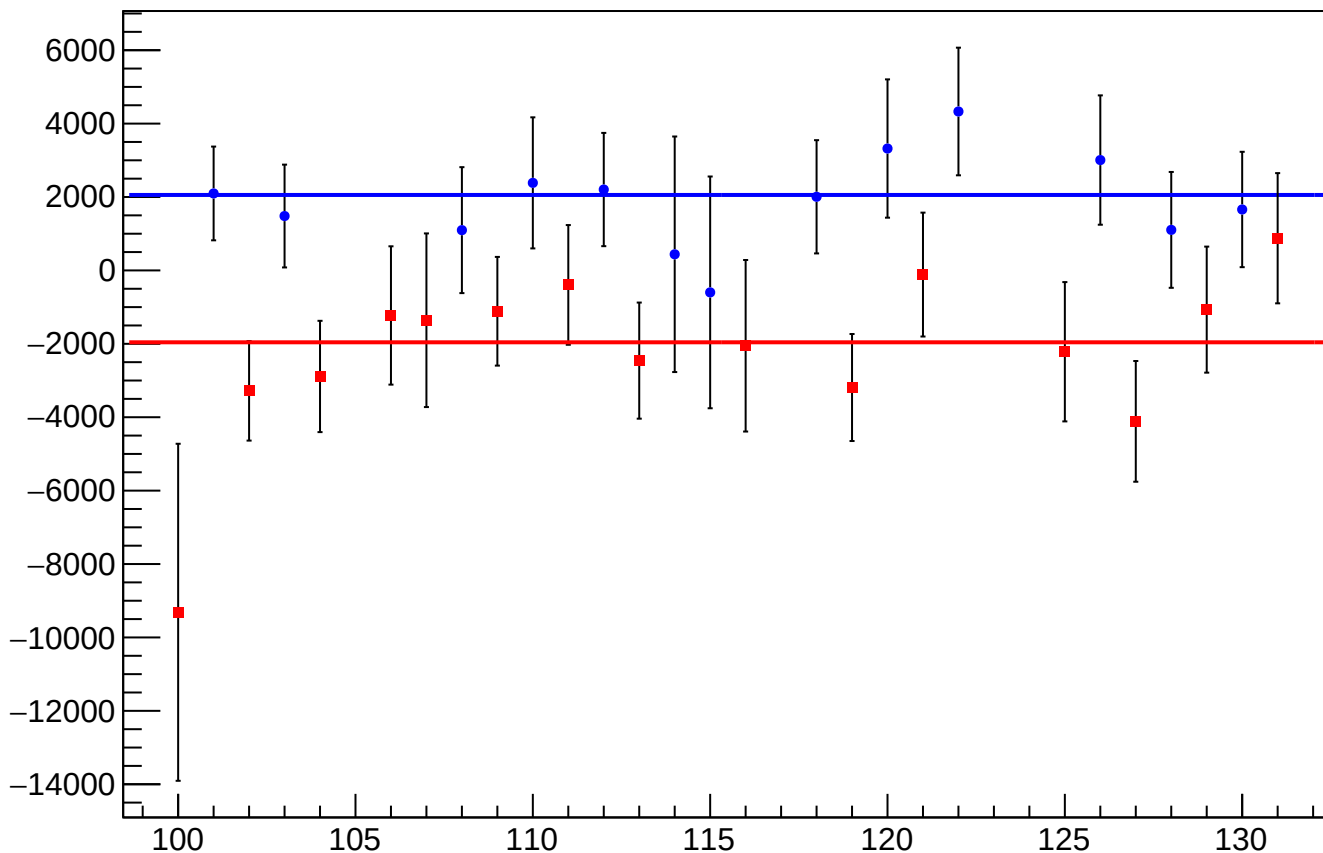
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 28.217 $\pm$ 0.006 χ^2 /NDF: 328246.1/27

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

reg_asym_usl_mean vs Slug



Right In: 2056.037+/-468.580 χ^2/NDF : 4.4/12

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

Right Out: -1958.577+/-445.977 χ^2/NDF : 11.9/14

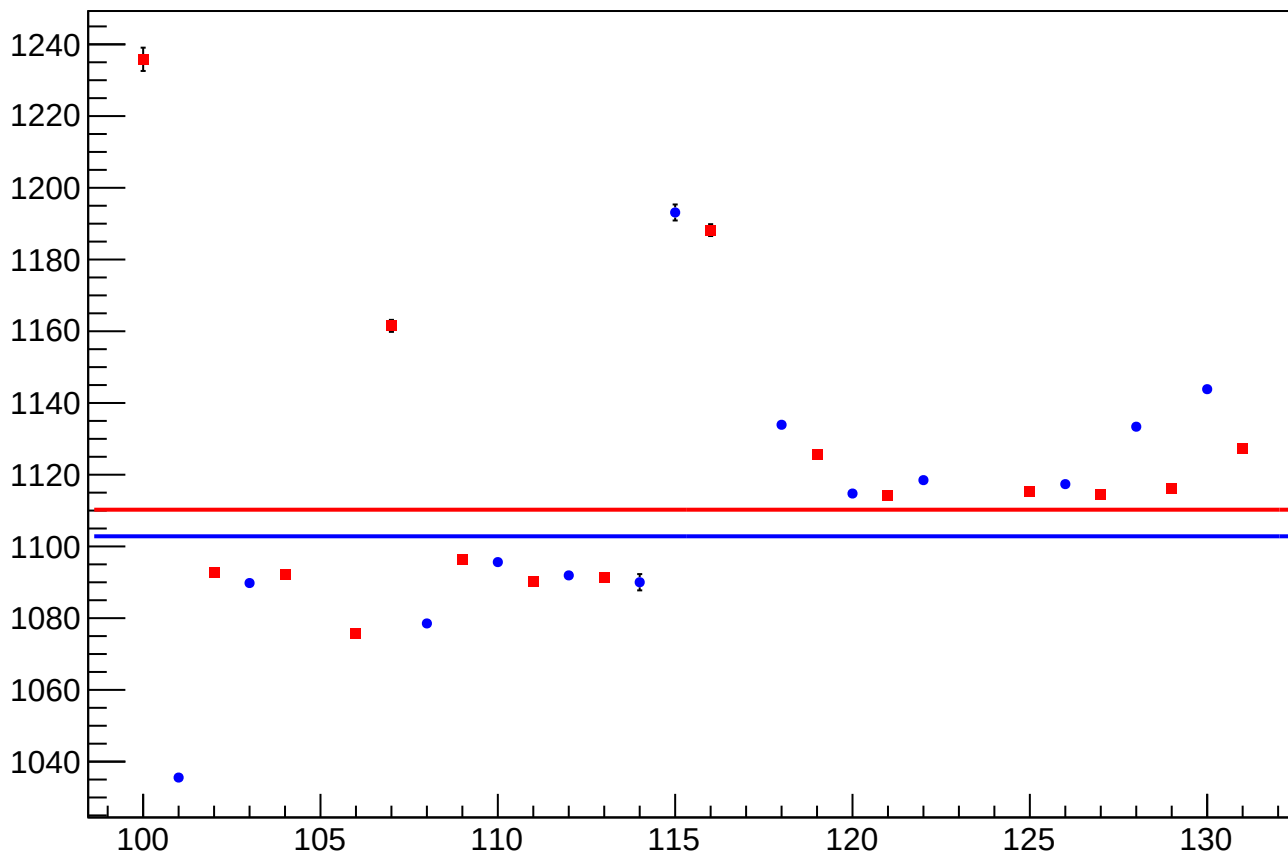
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.430+/-323.049 χ^2/NDF : 54.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_rms vs Slug



Right In: 1102.827+/-0.331 χ^2 /NDF: 11227.7/12

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

Right Out: 1110.242+/-0.315 χ^2 /NDF: 7179.6/14

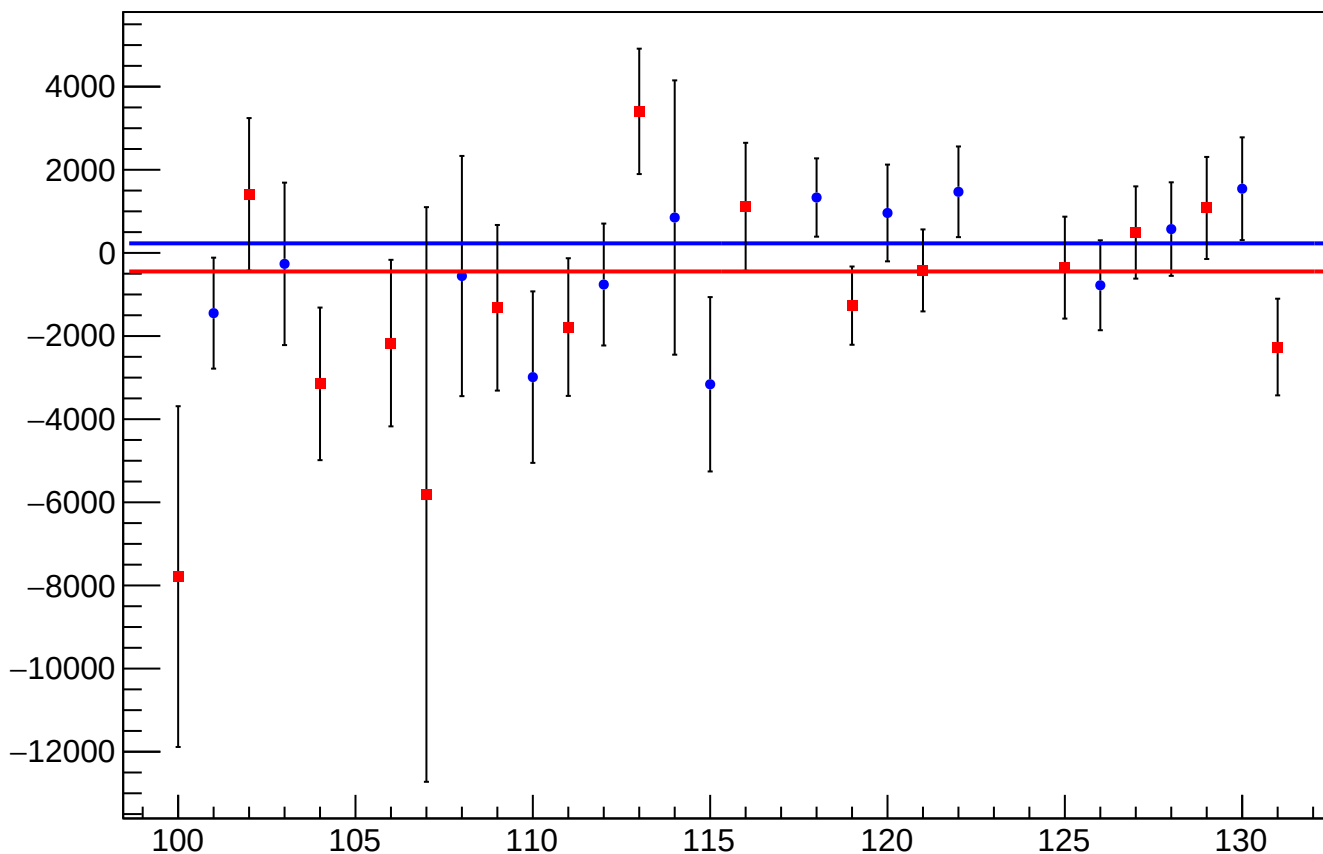
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1106.718+/-0.228 χ^2 /NDF: 18670.0/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_reg_correction_mean vs Slug



Right In: 229.671 $\pm$ 378.857 χ^2 /NDF: 12.4/12

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

Right Out: -446.284 $\pm$ 366.658 χ^2 /NDF: 21.6/14

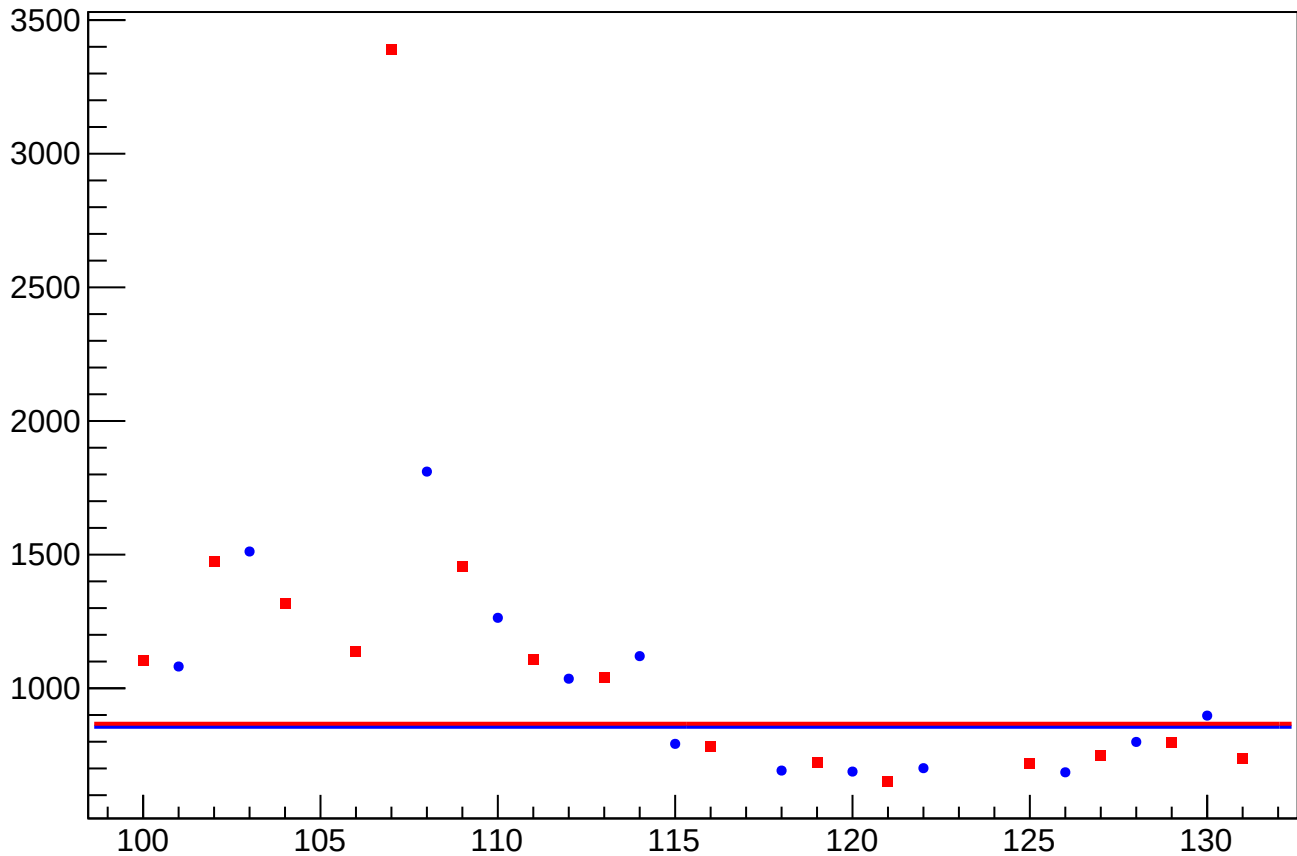
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -119.364 $\pm$ 263.473 χ^2 /NDF: 35.7/27

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

asym_usl_reg_correction_rms vs Slug



Right In: 855.985+/-0.268 χ^2/NDF : 822867.8/12

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

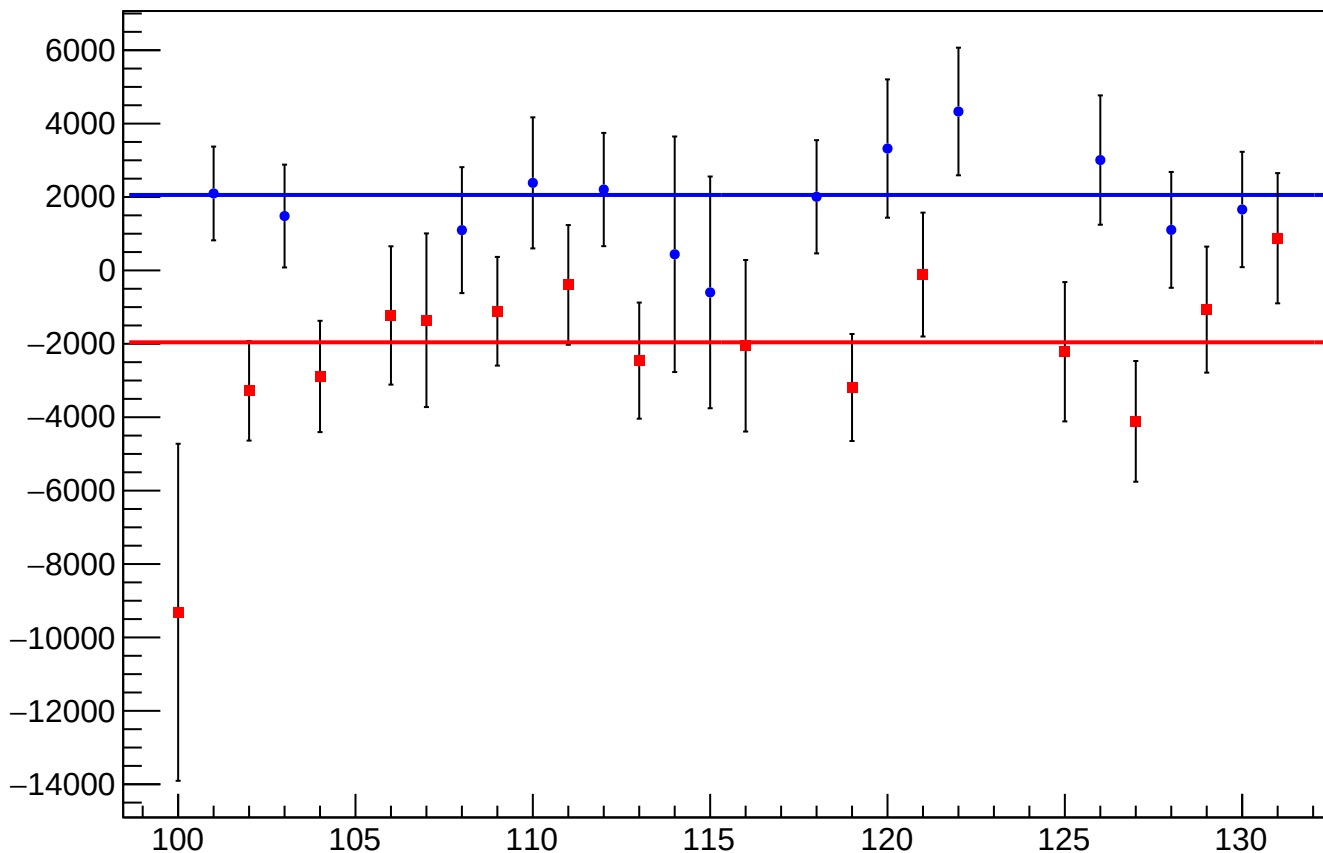
Right Out: 867.295+/-0.259 χ^2/NDF : 1122348.7/14

All: 861.825+/-0.186 χ^2/NDF : 1946137.0/27

- 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: 2056.037+/-468.580 χ^2/NDF : 4.4/12

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

Right Out: -1958.577+/-445.977 χ^2/NDF : 11.9/14

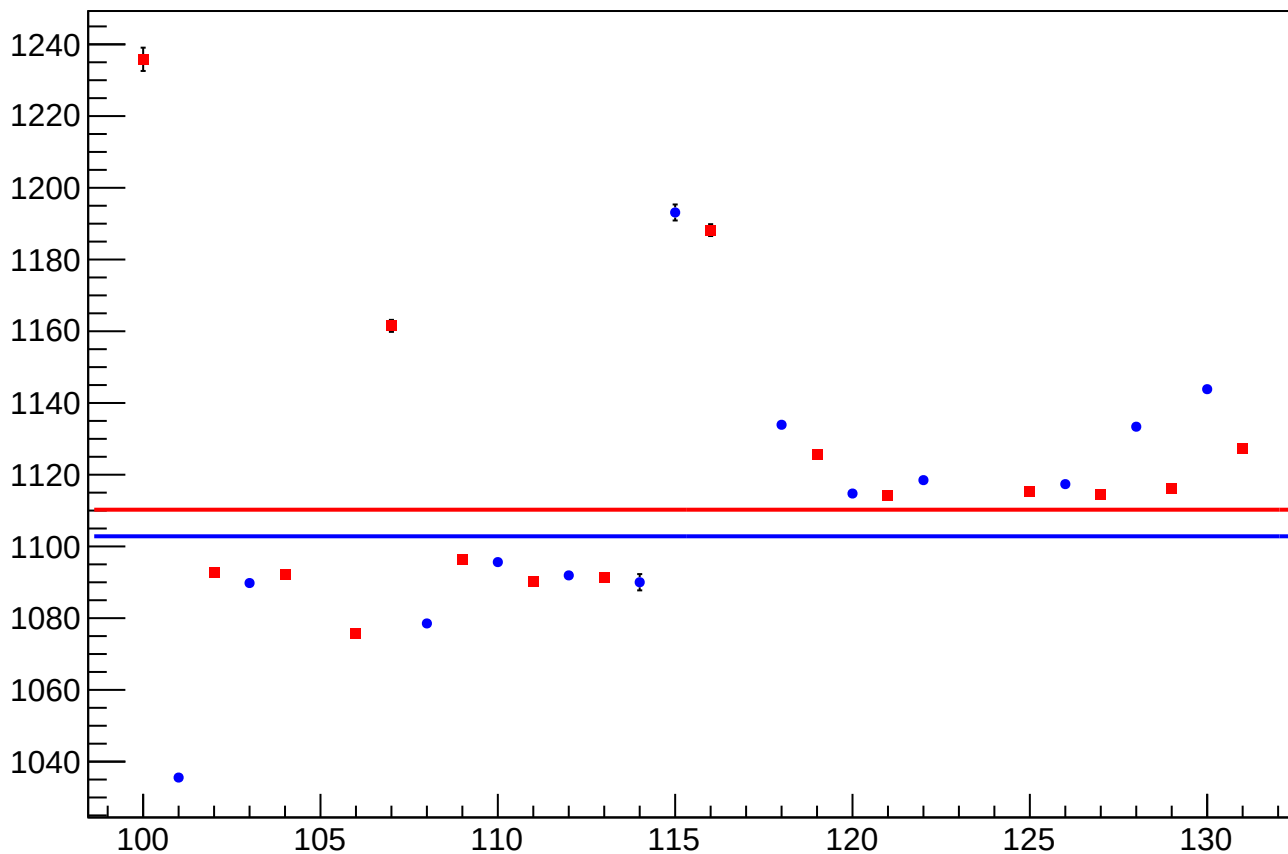
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.430+/-323.049 χ^2/NDF : 54.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_rms vs Slug



Right In: 1102.827+/-0.331 χ^2 /NDF: 11227.7/12

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

Right Out: 1110.242+/-0.315 χ^2 /NDF: 7179.6/14

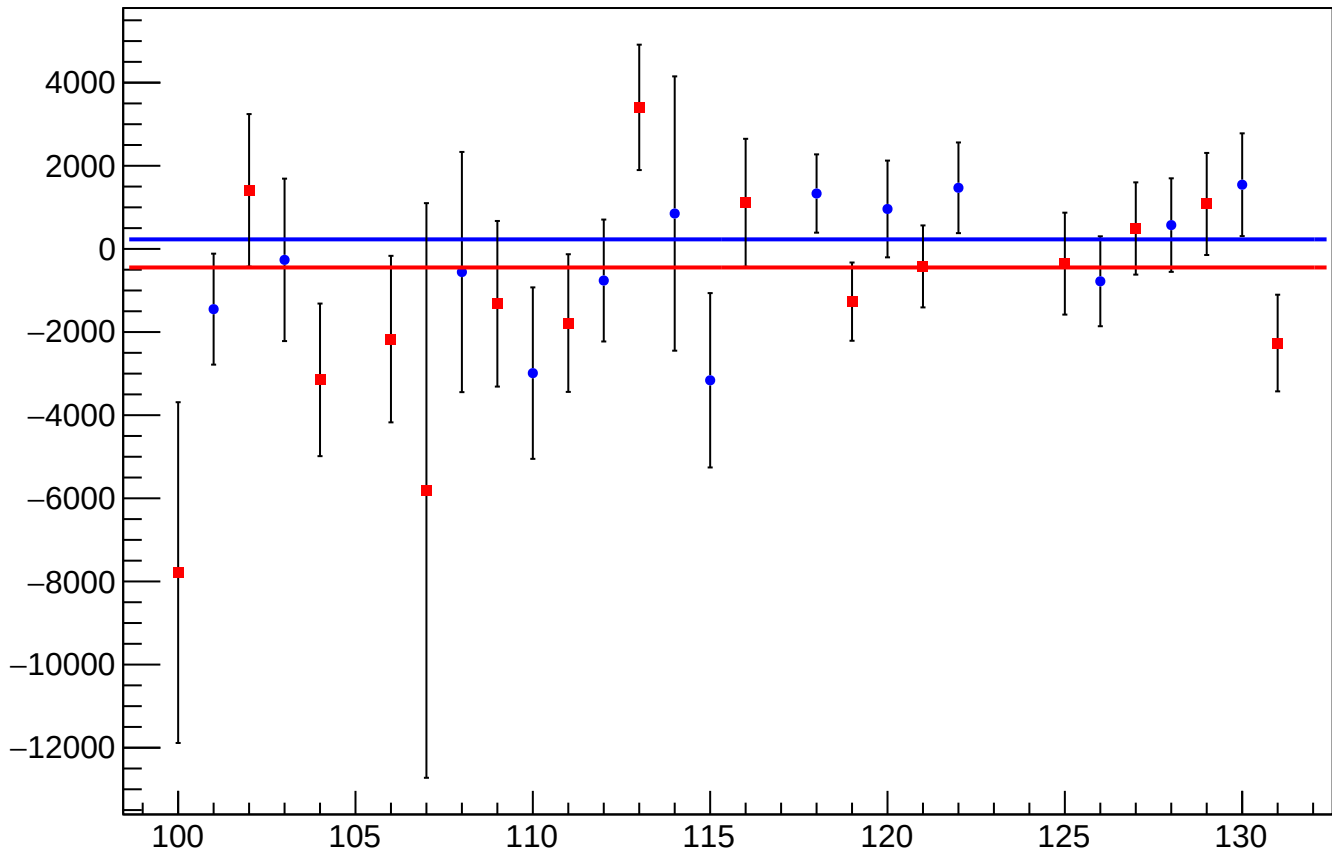
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1106.718+/-0.228 χ^2 /NDF: 18670.0/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_cor_correction_mean vs Slug



Right In: 229.671 $\pm$ 378.857 χ^2 /NDF: 12.4/12

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

Right Out: -446.284 $\pm$ 366.658 χ^2 /NDF: 21.6/14

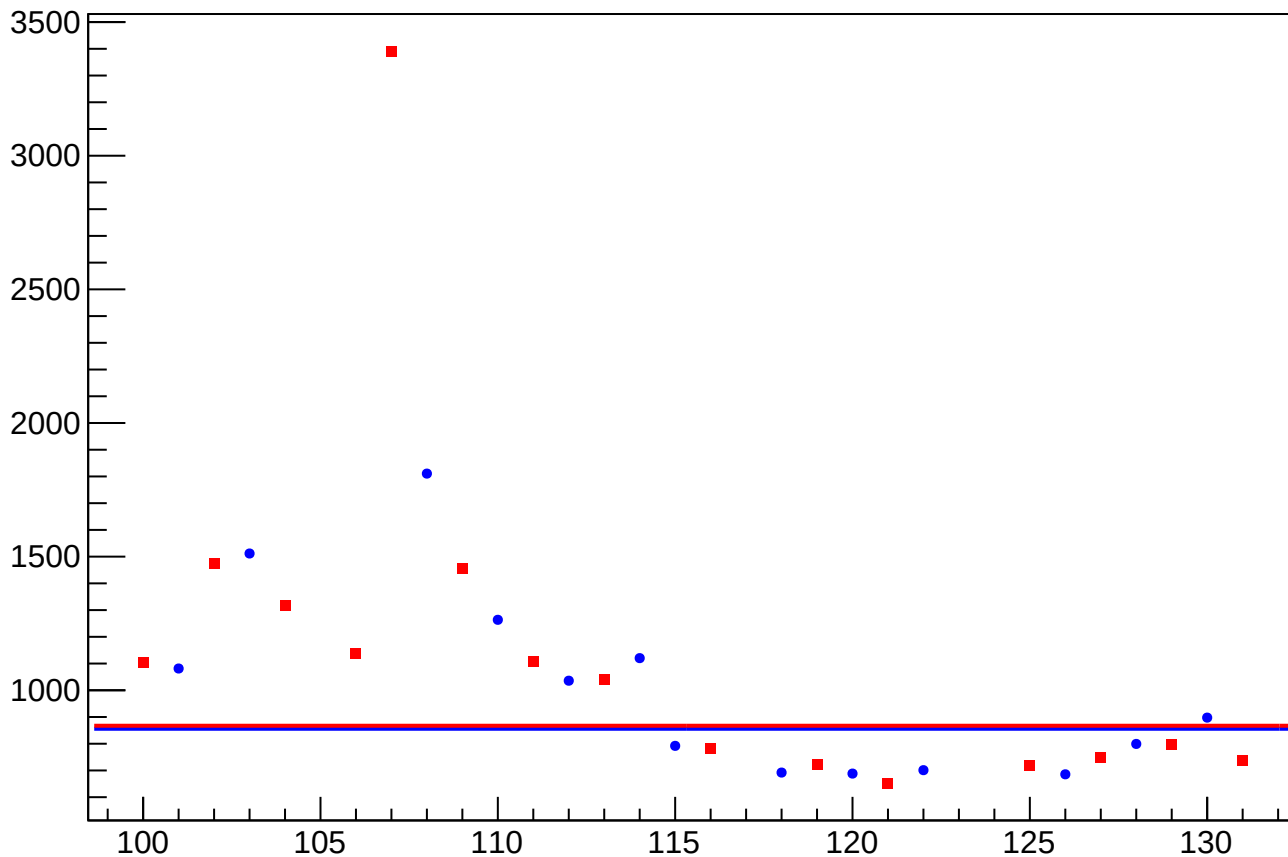
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -119.364 $\pm$ 263.473 χ^2 /NDF: 35.7/27

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

asym_usl_cor_correction_rms vs Slug



Right In: 855.985+/-0.268 χ^2/NDF : 822867.8/12

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

Right Out: 867.295+/-0.259 χ^2/NDF : 1122348.7/14

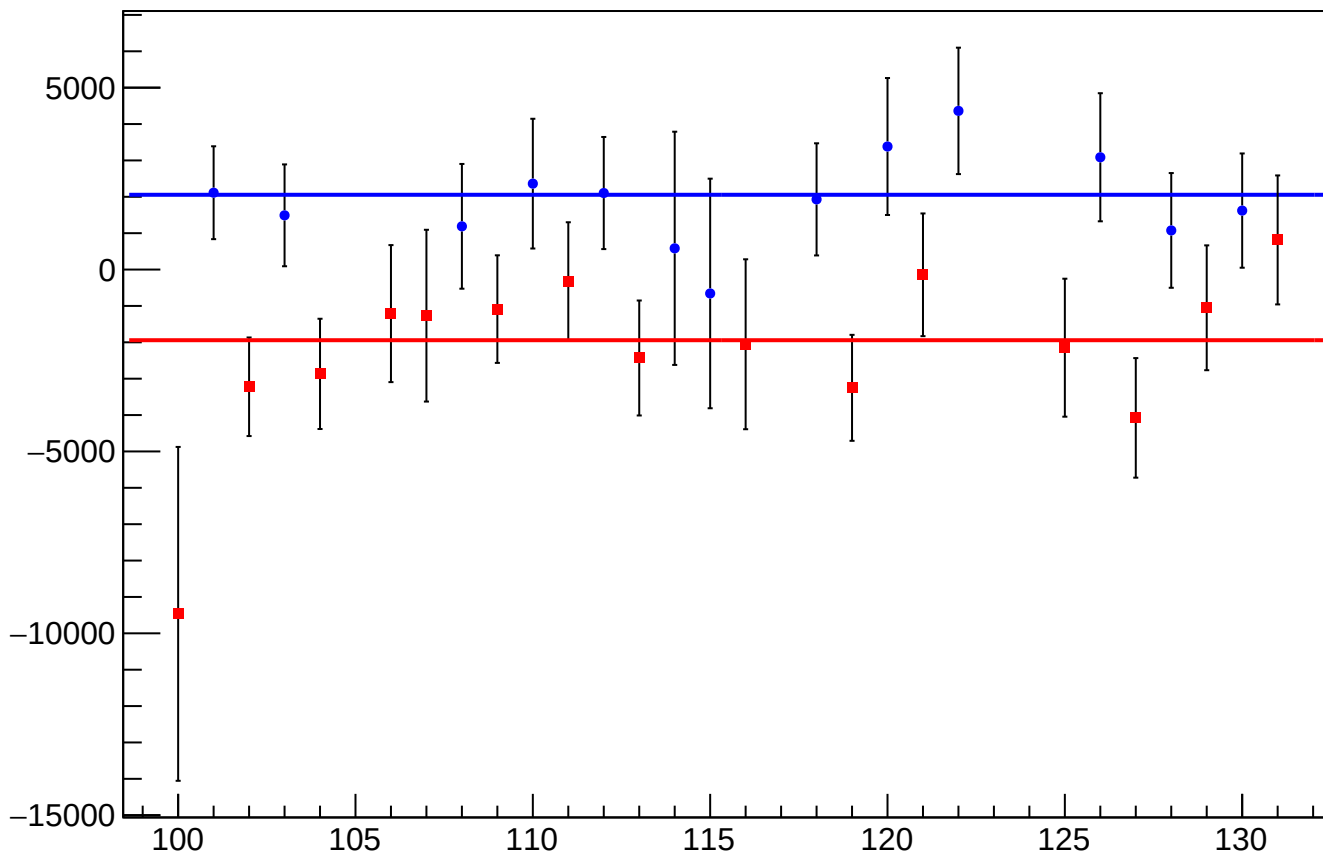
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 861.825+/-0.186 χ^2/NDF : 1946137.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

overload_cor_asym_usl_mean vs Slug



Right In: 2055.598+/-468.212 χ^2/NDF : 4.5/12

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

Right Out: -1942.346+/-445.620 χ^2/NDF : 11.9/14

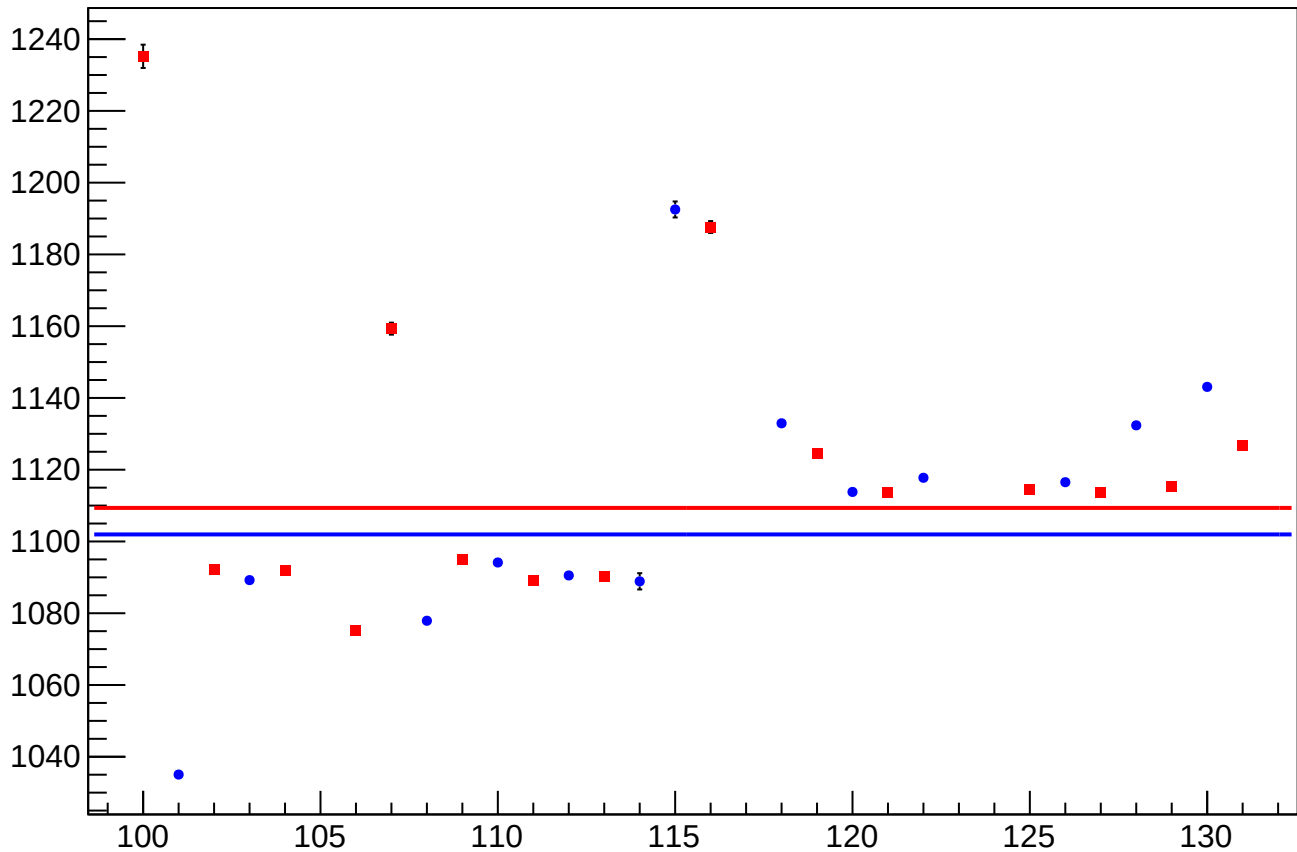
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.153+/-322.792 χ^2/NDF : 54.7/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

overload_cor_asym_usl_rms vs Slug



Right In: 1101.962 $\pm$ 0.331 χ^2 /NDF: 11189.0/12

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

Right Out: 1109.353 $\pm$ 0.315 χ^2 /NDF: 7159.9/14

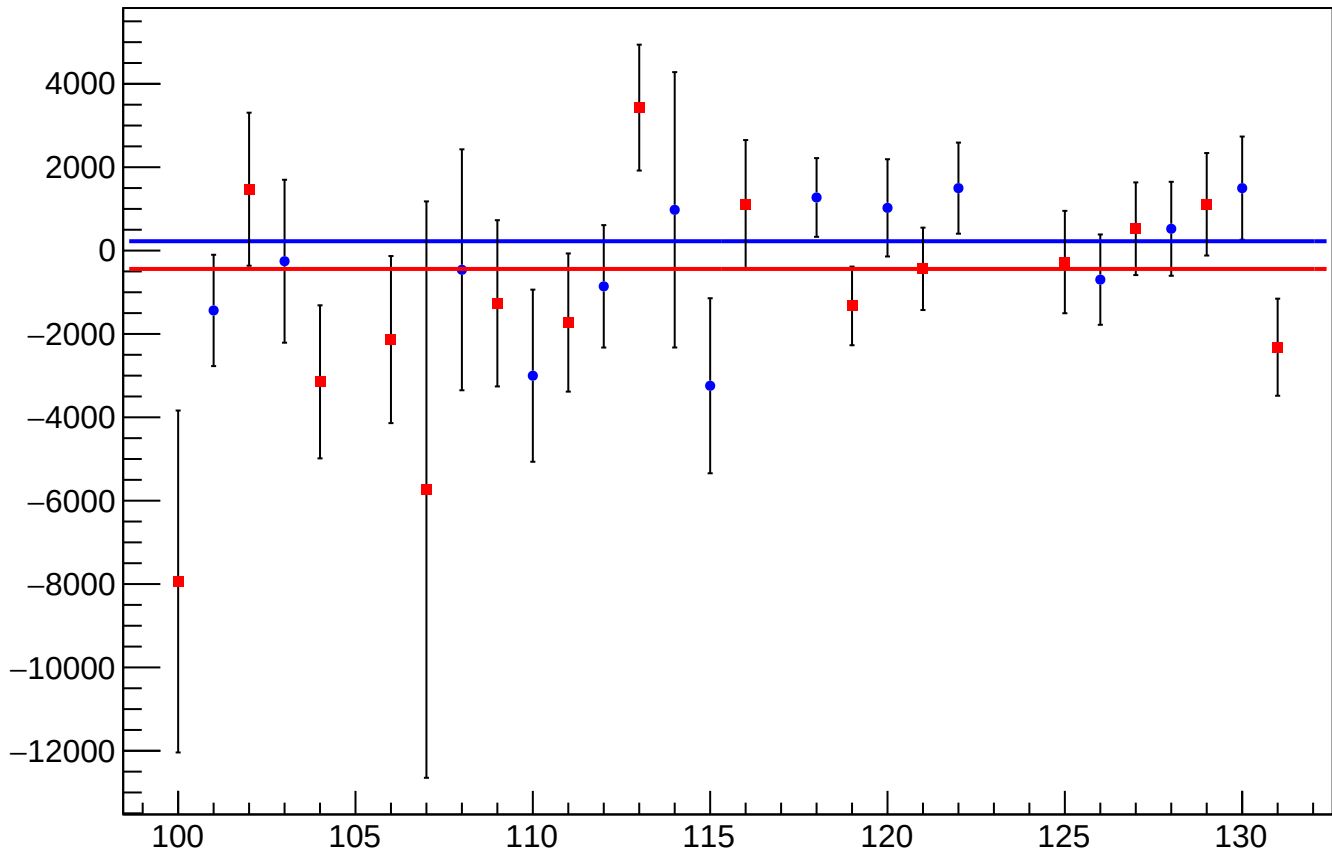
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1105.840 $\pm$ 0.228 χ^2 /NDF: 18610.3/27

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

asym_usl_overload_cor_correction_mean vs Slug



Right In: 224.529 $\pm$ 379.460 χ^2 /NDF: 12.3/12

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

Right Out: -440.663 $\pm$ 367.199 χ^2 /NDF: 22.1/14

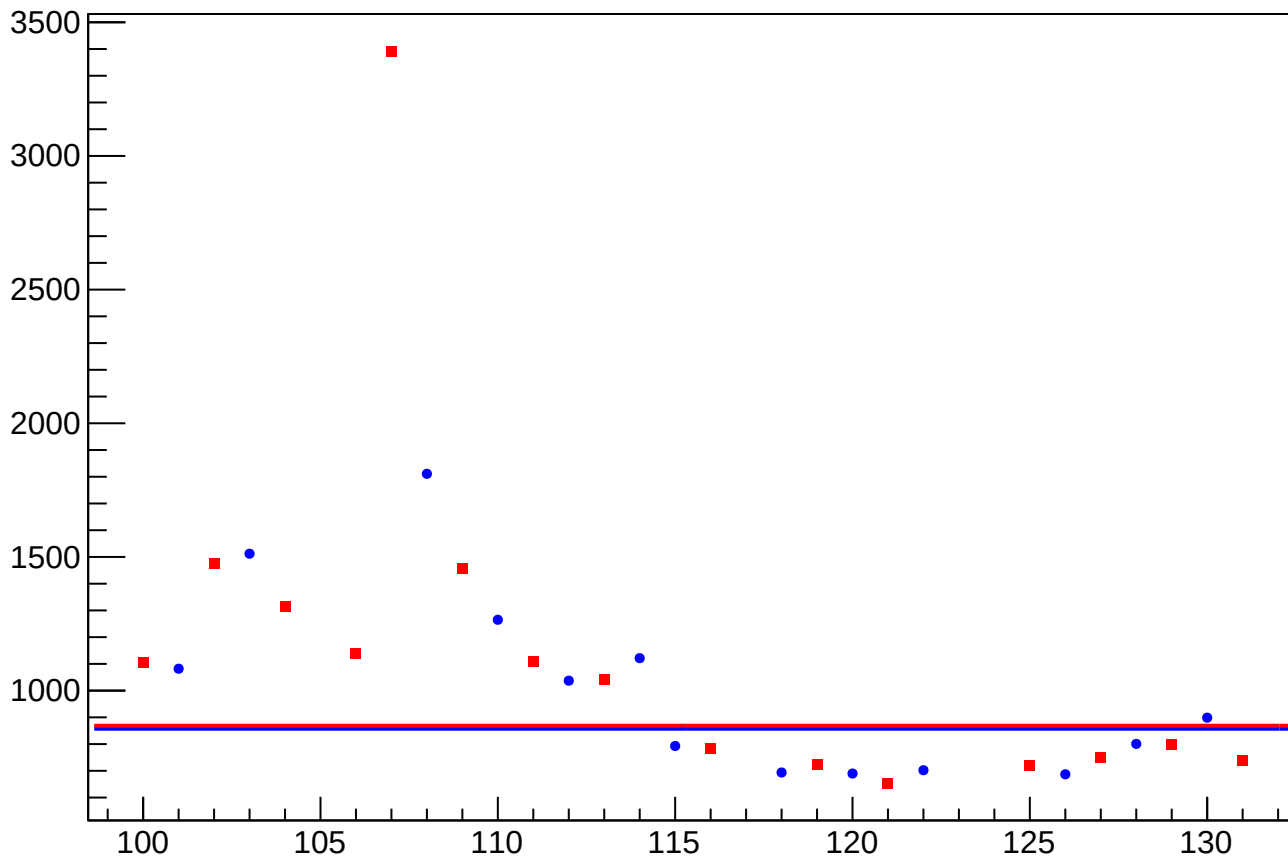
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -118.988 $\pm$ 263.877 χ^2 /NDF: 36.0/27

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

asym_usl_overload_cor_correction_rms vs Slug



Right In: 857.485+/-0.268 χ^2/NDF : 819736.5/12

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

Right Out: 868.715+/-0.260 χ^2/NDF : 1119021.1/14

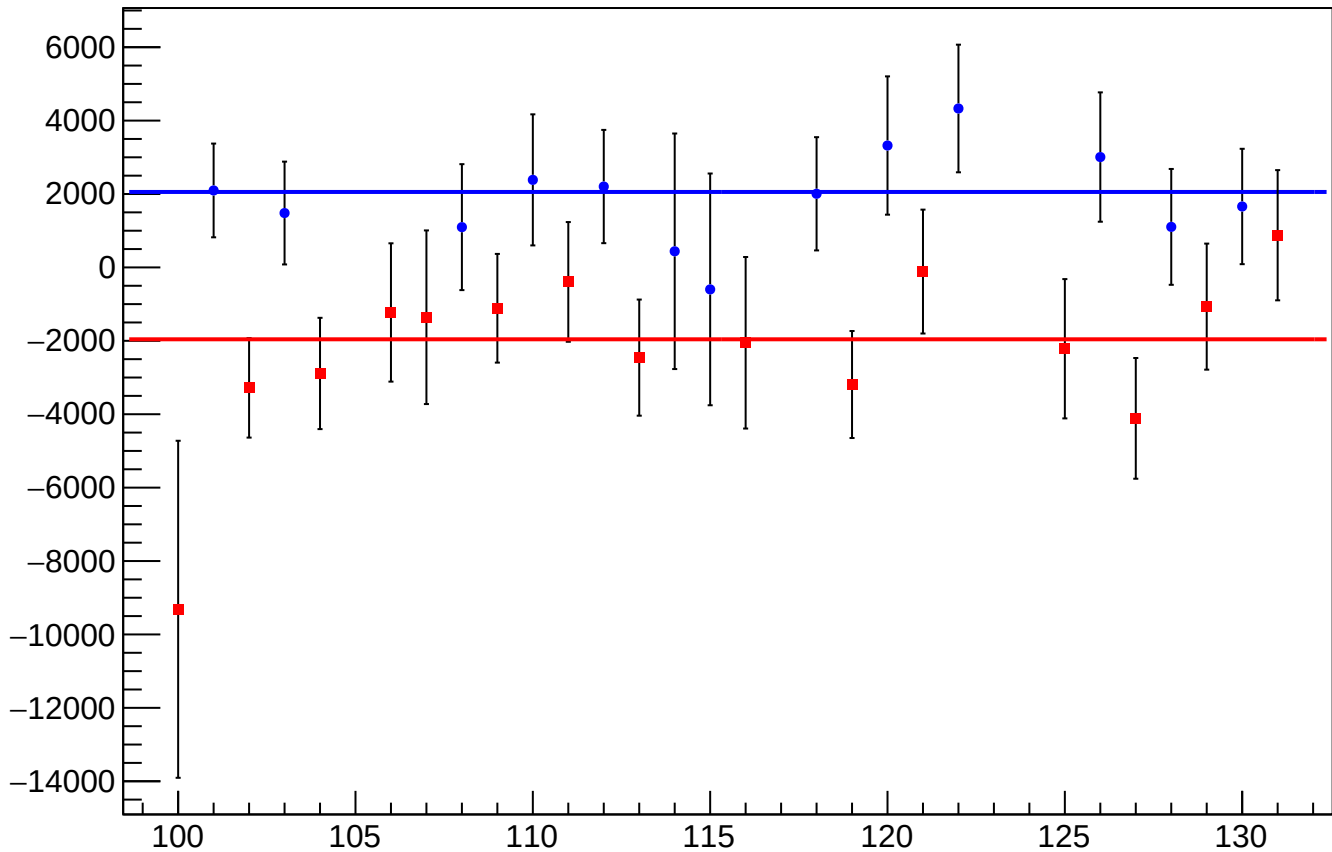
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 863.284+/-0.187 χ^2/NDF : 1939662.3/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_mean vs Slug



Right In: 2056.037+/-468.580 χ^2/NDF : 4.4/12

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

Right Out: -1958.577+/-445.977 χ^2/NDF : 11.9/14

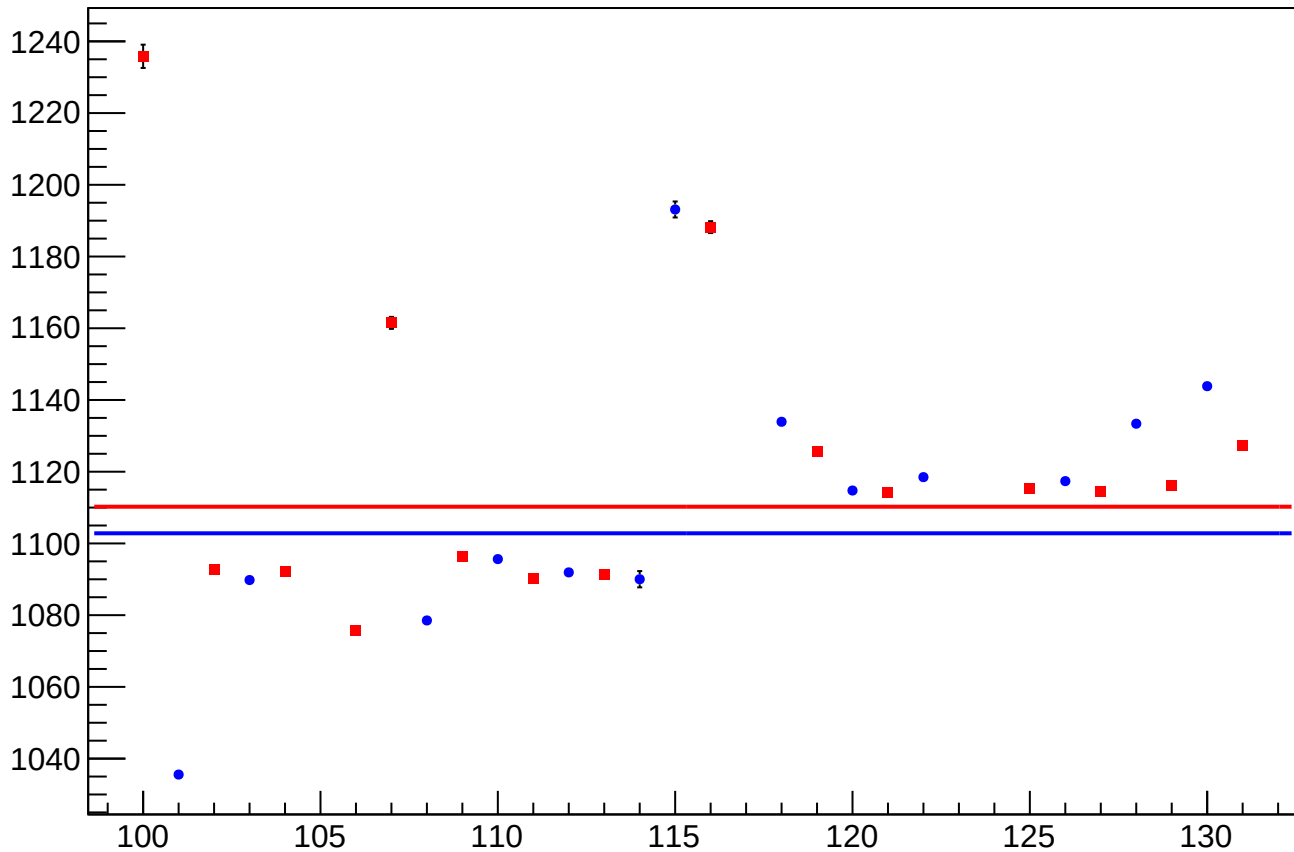
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.430+/-323.049 χ^2/NDF : 54.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_rms vs Slug



Right In: 1102.827+/-0.331 χ^2 /NDF: 11227.7/12

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

Right Out: 1110.242+/-0.315 χ^2 /NDF: 7179.6/14

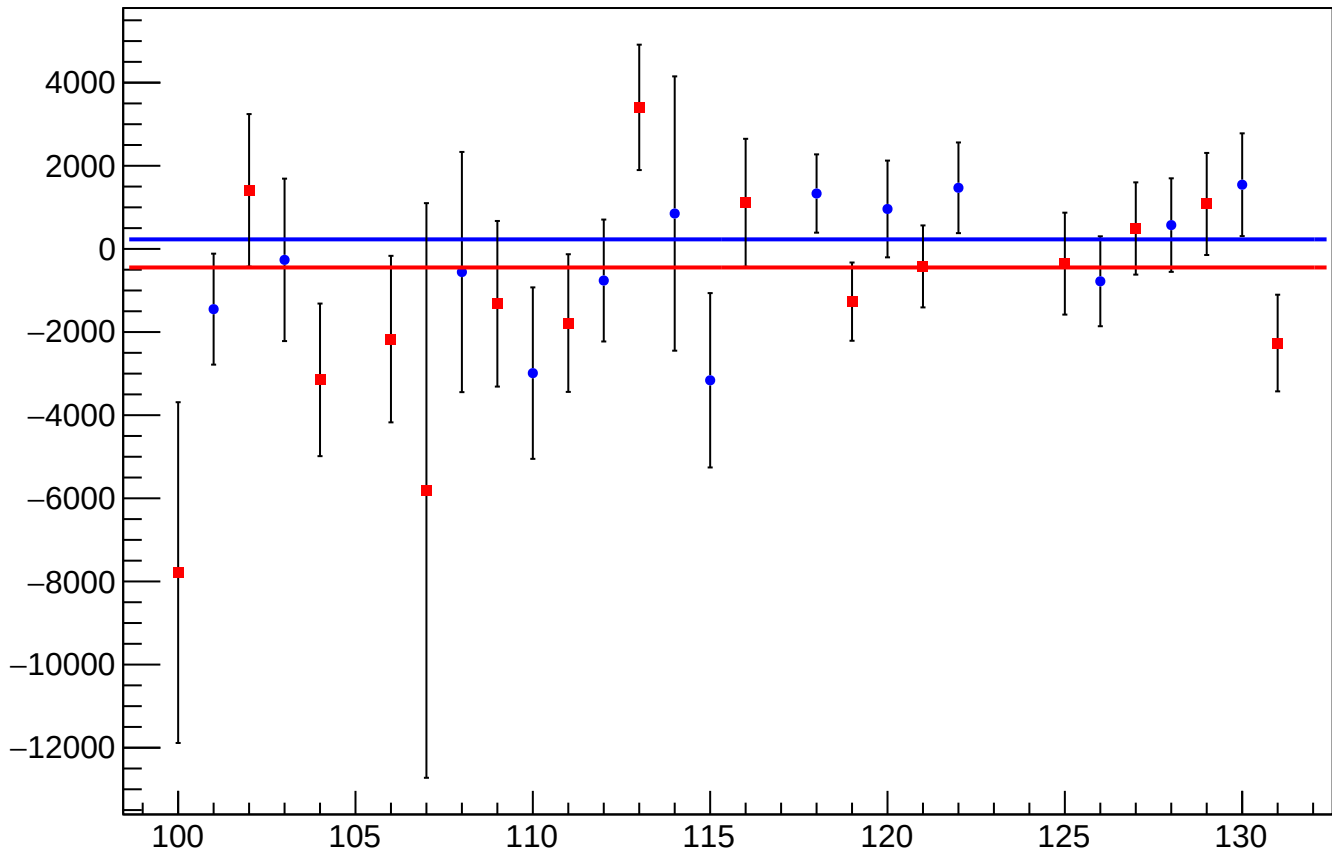
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1106.718+/-0.228 χ^2 /NDF: 18670.0/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_eigen_cor_correction_mean vs Slug



Right In: 229.671 $\pm$ 378.857 χ^2 /NDF: 12.4/12

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

Right Out: -446.284 $\pm$ 366.658 χ^2 /NDF: 21.6/14

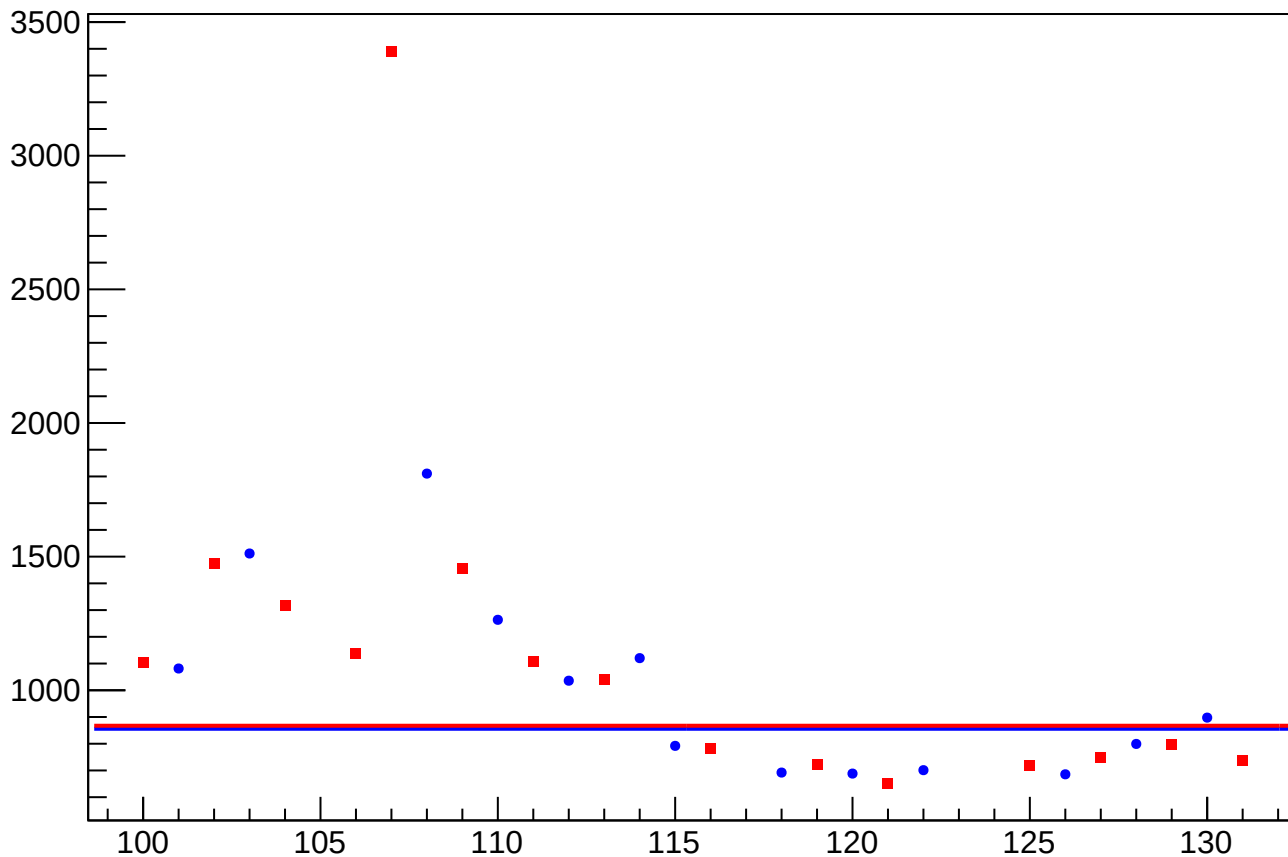
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -119.364 $\pm$ 263.473 χ^2 /NDF: 35.7/27

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

asym_usl_eigen_cor_correction_rms vs Slug



Right In: 855.985+/-0.268 χ^2/NDF : 822867.8/12

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

Right Out: 867.295+/-0.259 χ^2/NDF : 1122348.7/14

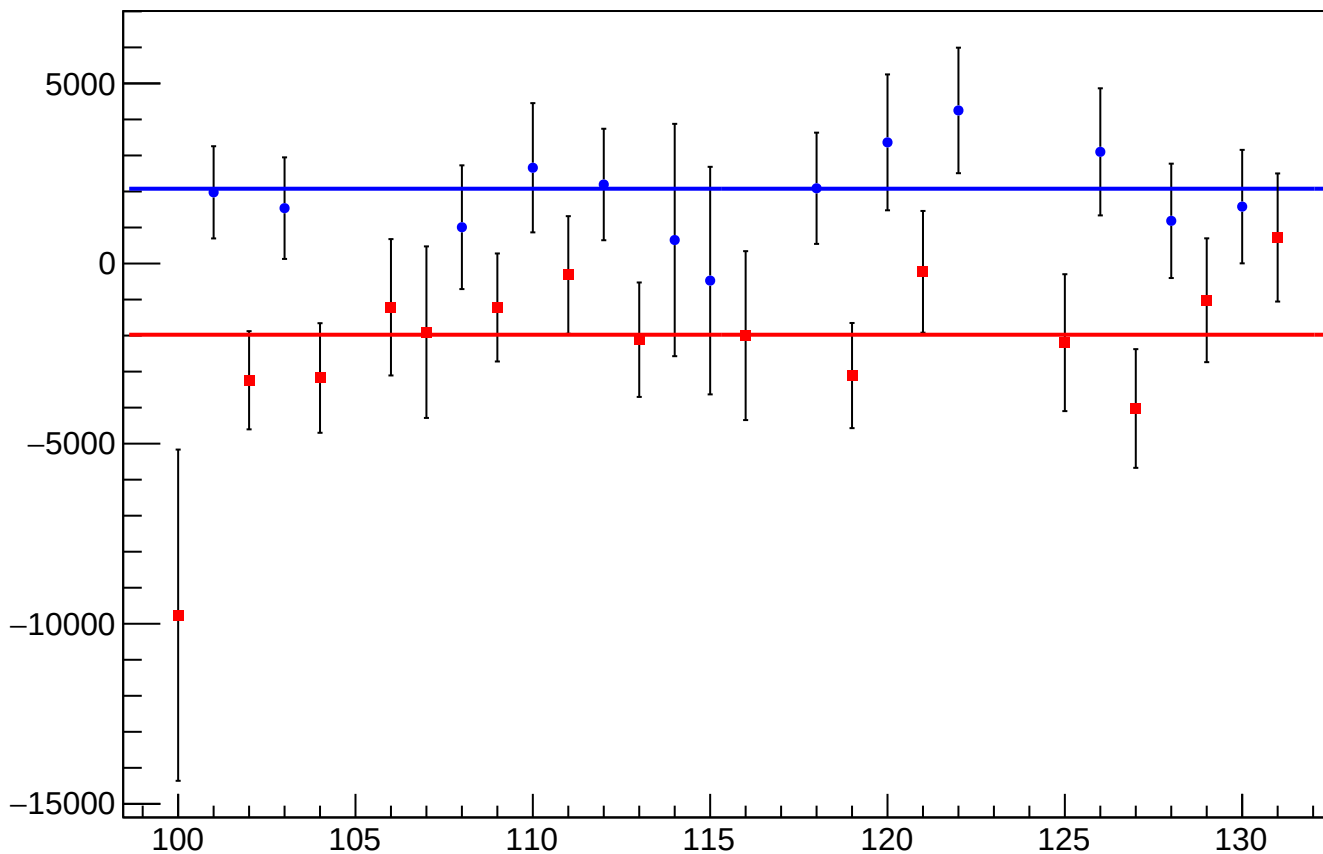
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 861.825+/-0.186 χ^2/NDF : 1946137.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_mean vs Slug



Right In: 2076.869+/-469.933 χ^2/NDF : 4.3/12

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

Right Out: -1976.482+/-447.606 χ^2/NDF : 11.7/14

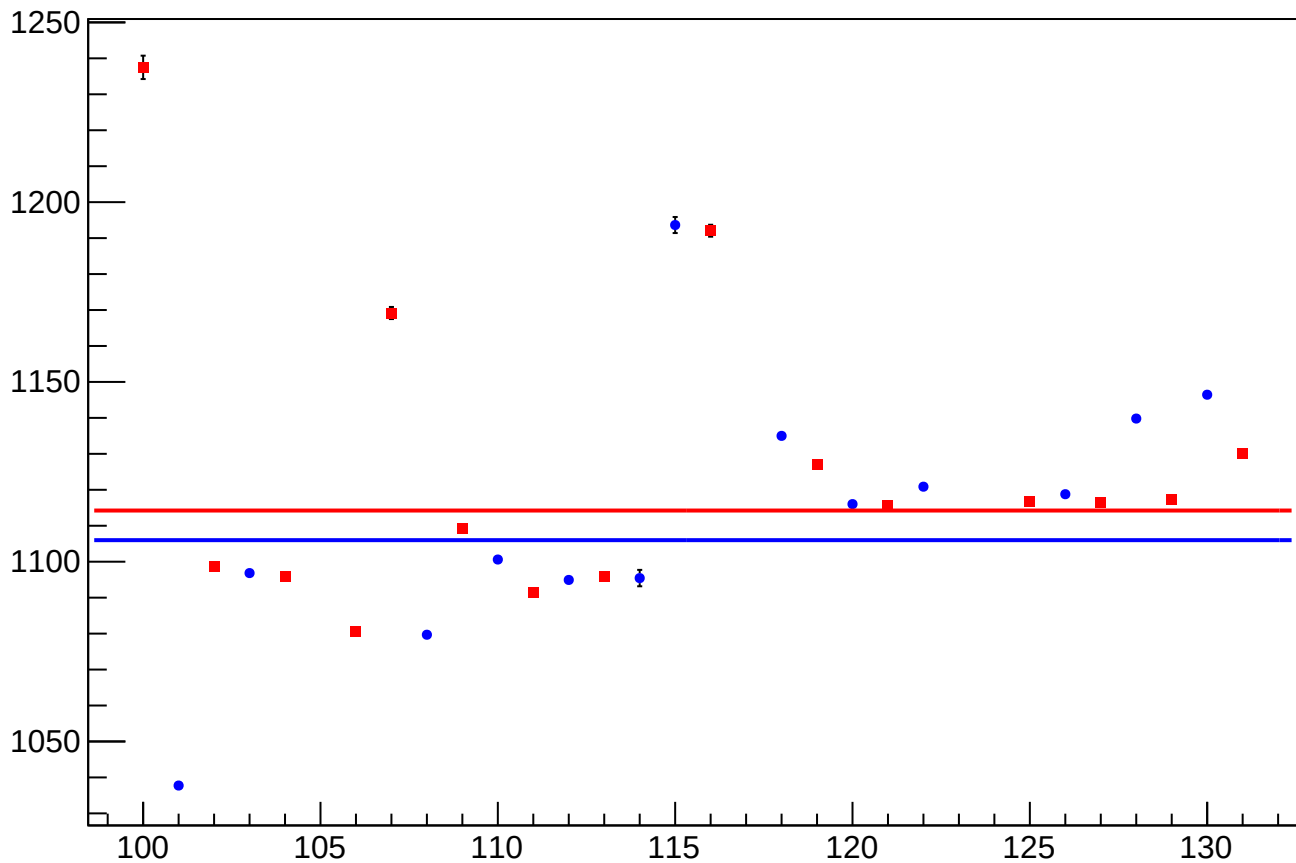
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.380+/-324.111 χ^2/NDF : 54.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_rms vs Slug



Right In: 1105.991+/-0.332 χ^2/NDF : 11162.3/12

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

Right Out: 1114.232+/-0.317 χ^2/NDF : 6893.8/14

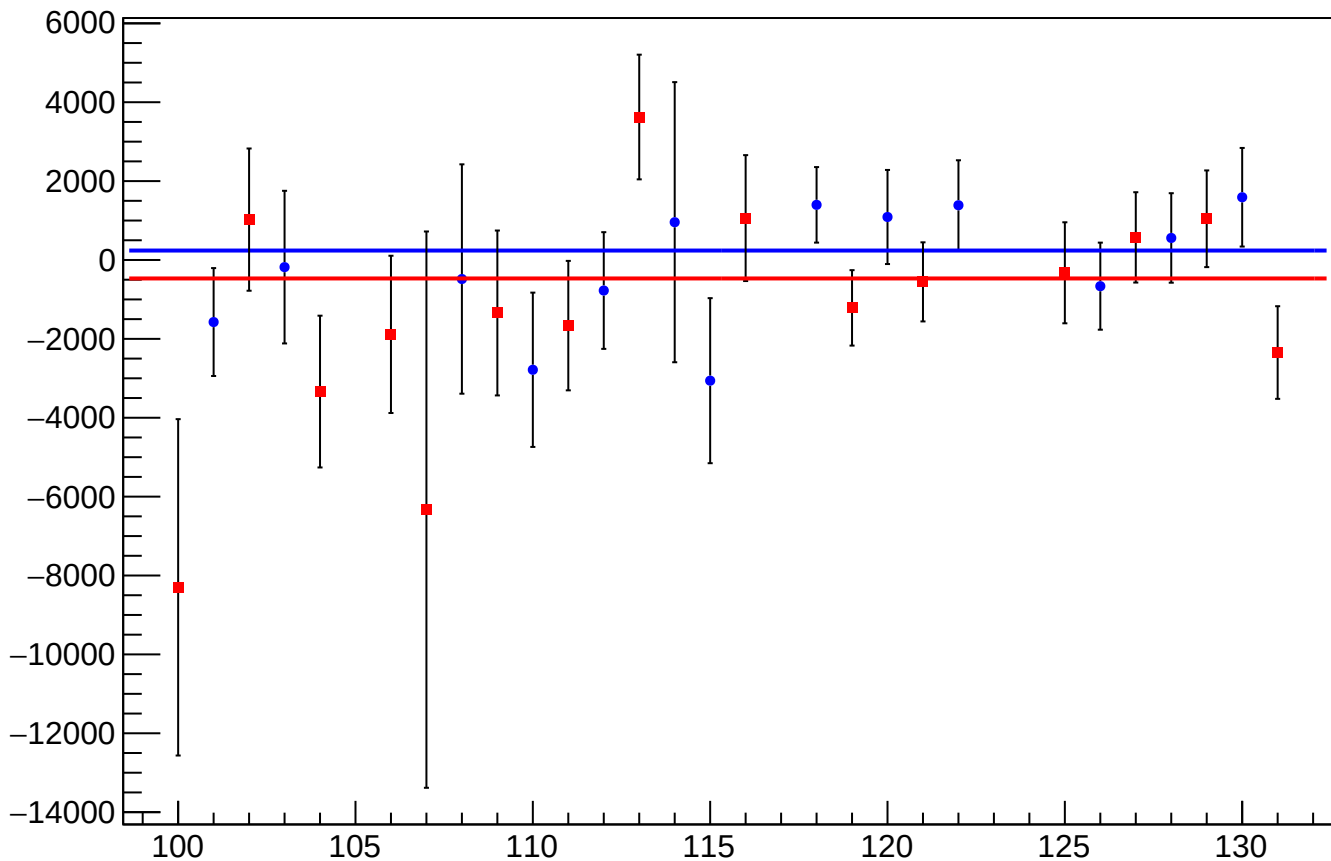
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1110.312+/-0.229 χ^2/NDF : 18378.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_dit_correction_mean vs Slug



Right In: 239.417 $\pm$ 385.012 χ^2 /NDF: 12.2/12

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

Right Out: -468.486 $\pm$ 374.036 χ^2 /NDF: 21.3/14

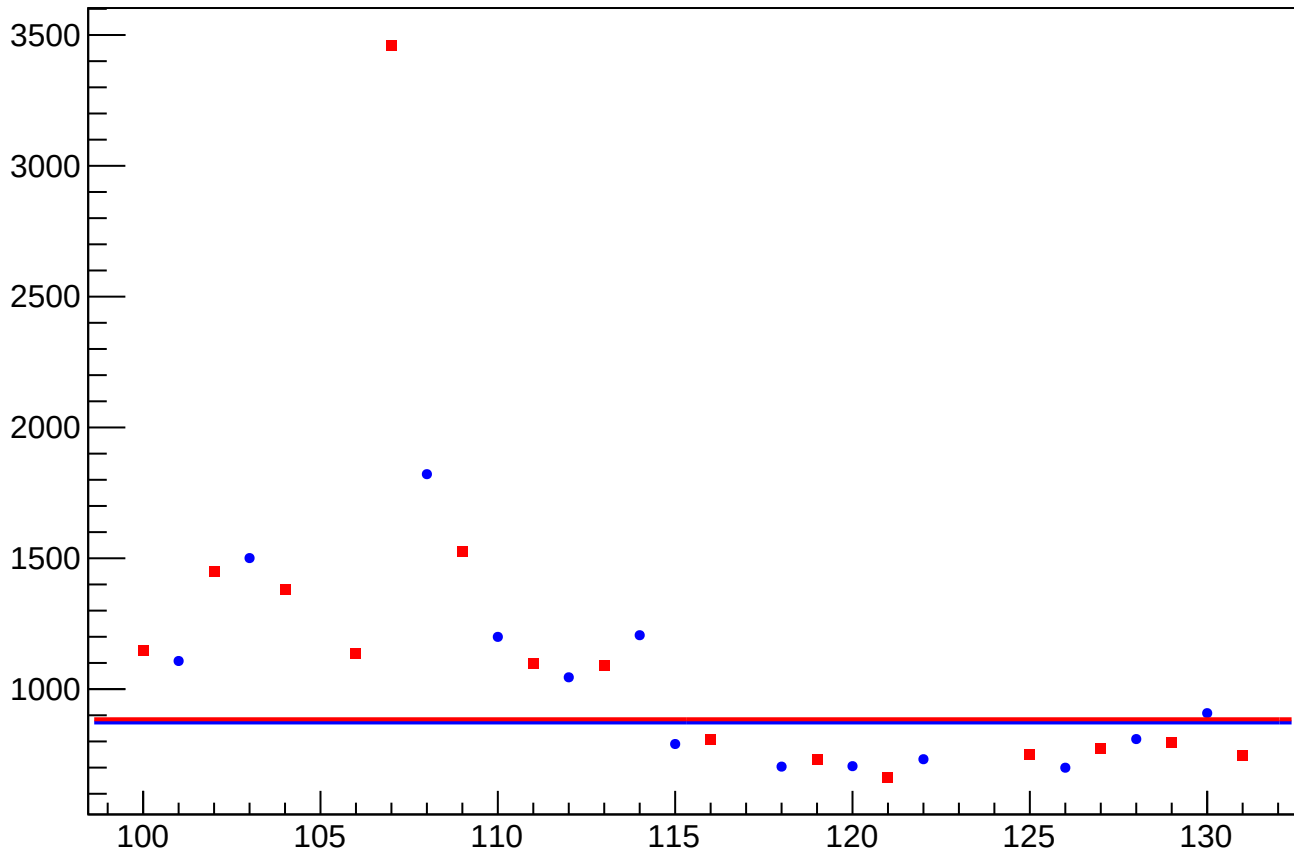
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -124.769 $\pm$ 268.280 χ^2 /NDF: 35.2/27

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

asym_usl_dit_correction_rms vs Slug



Right In: 872.492 $\pm$ 0.272 χ^2 /NDF: 775433.7/12

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

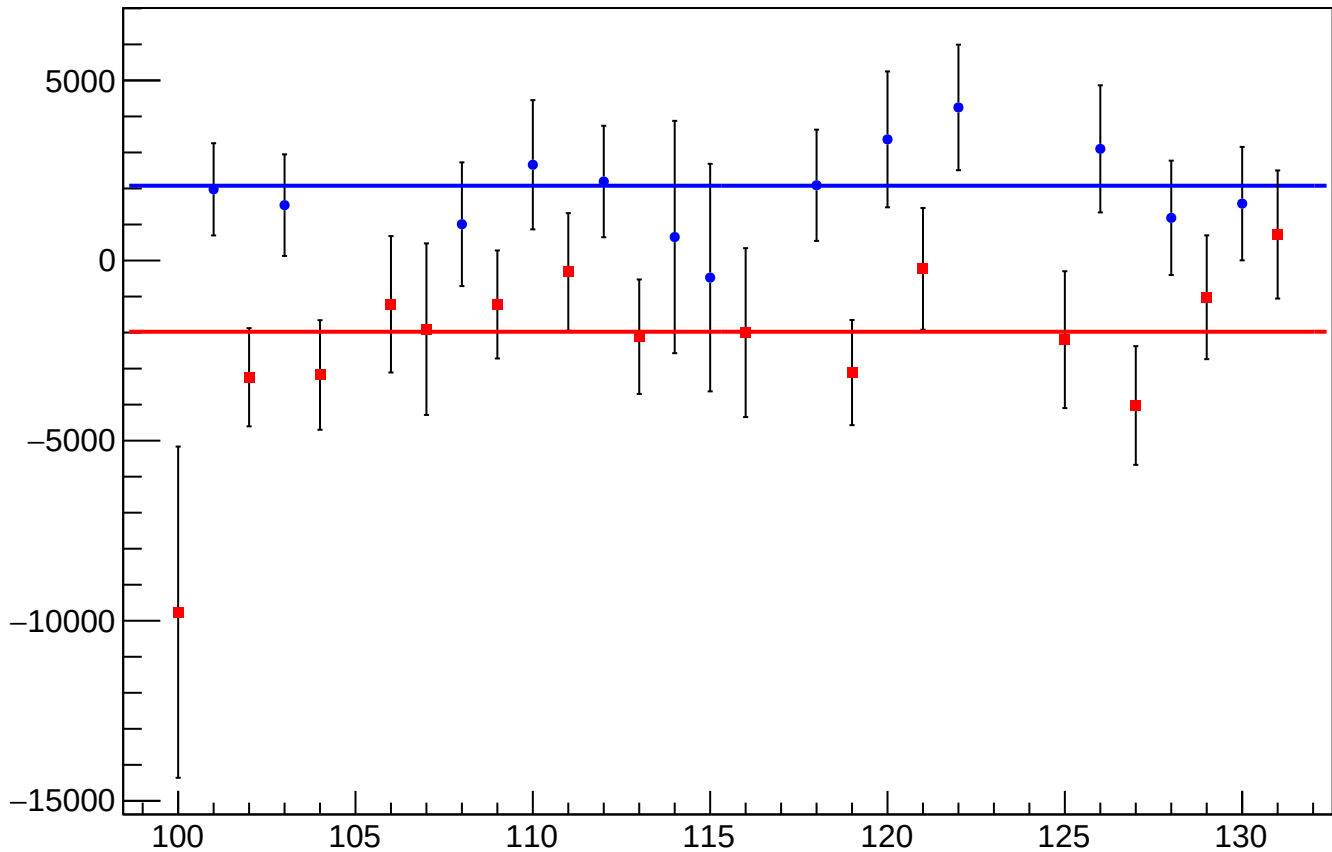
Right Out: 884.781 $\pm$ 0.264 χ^2 /NDF: 1124843.2/14

All: 878.814 $\pm$ 0.190 χ^2 /NDF: 1901325.2/27

- 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_usl_mean vs Slug



Right In: 2076.869+/-469.933 χ^2/NDF : 4.3/12

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

Right Out: -1976.480+/-447.606 χ^2/NDF : 11.7/14

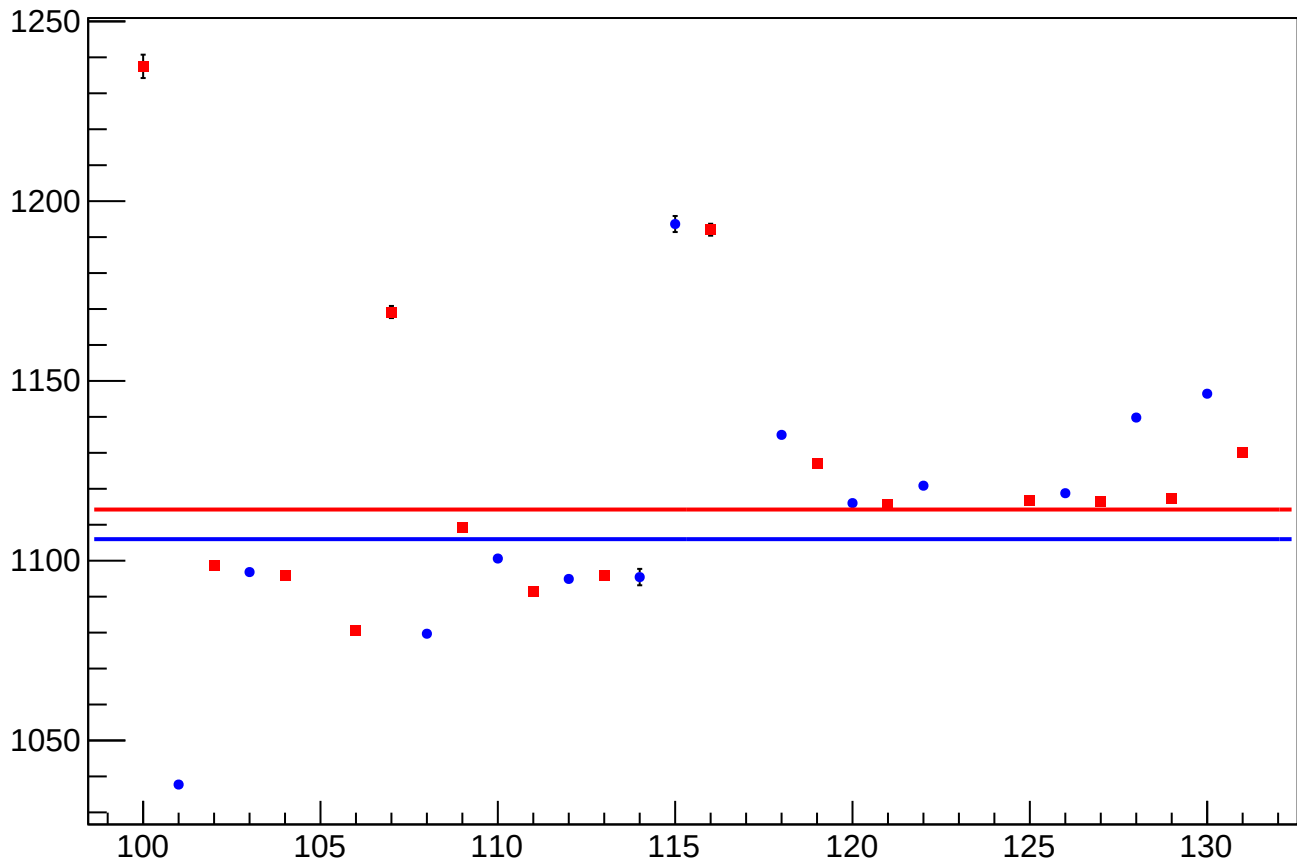
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.379+/-324.111 χ^2/NDF : 54.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_rms vs Slug



Right In: 1105.991+/-0.332 χ^2/NDF : 11162.3/12

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

Right Out: 1114.232+/-0.317 χ^2/NDF : 6893.7/14

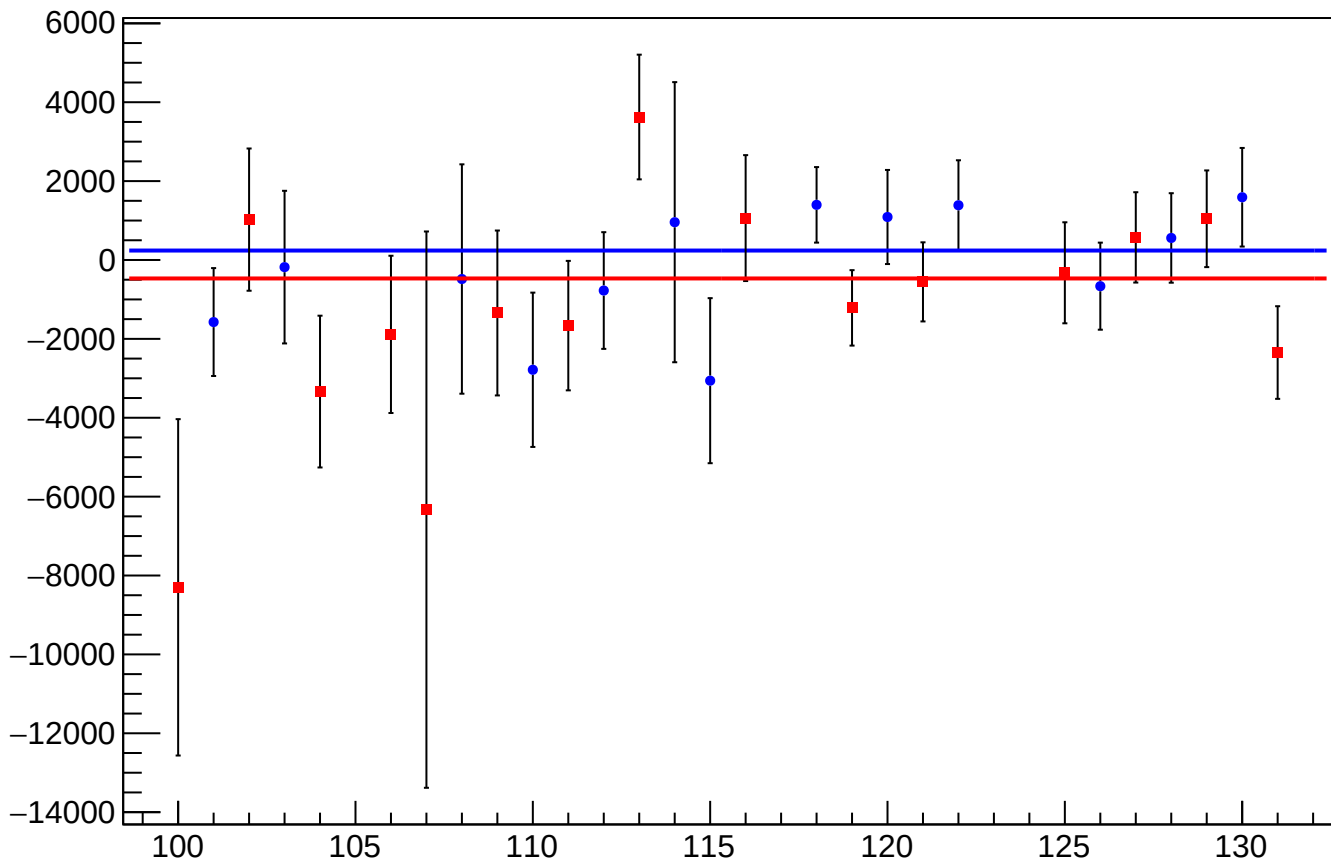
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1110.312+/-0.229 χ^2/NDF : 18378.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_correction_mean vs Slug



Right In: 239.417 $\pm$ 385.012 χ^2 /NDF: 12.2/12

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

Right Out: -468.486 $\pm$ 374.036 χ^2 /NDF: 21.3/14

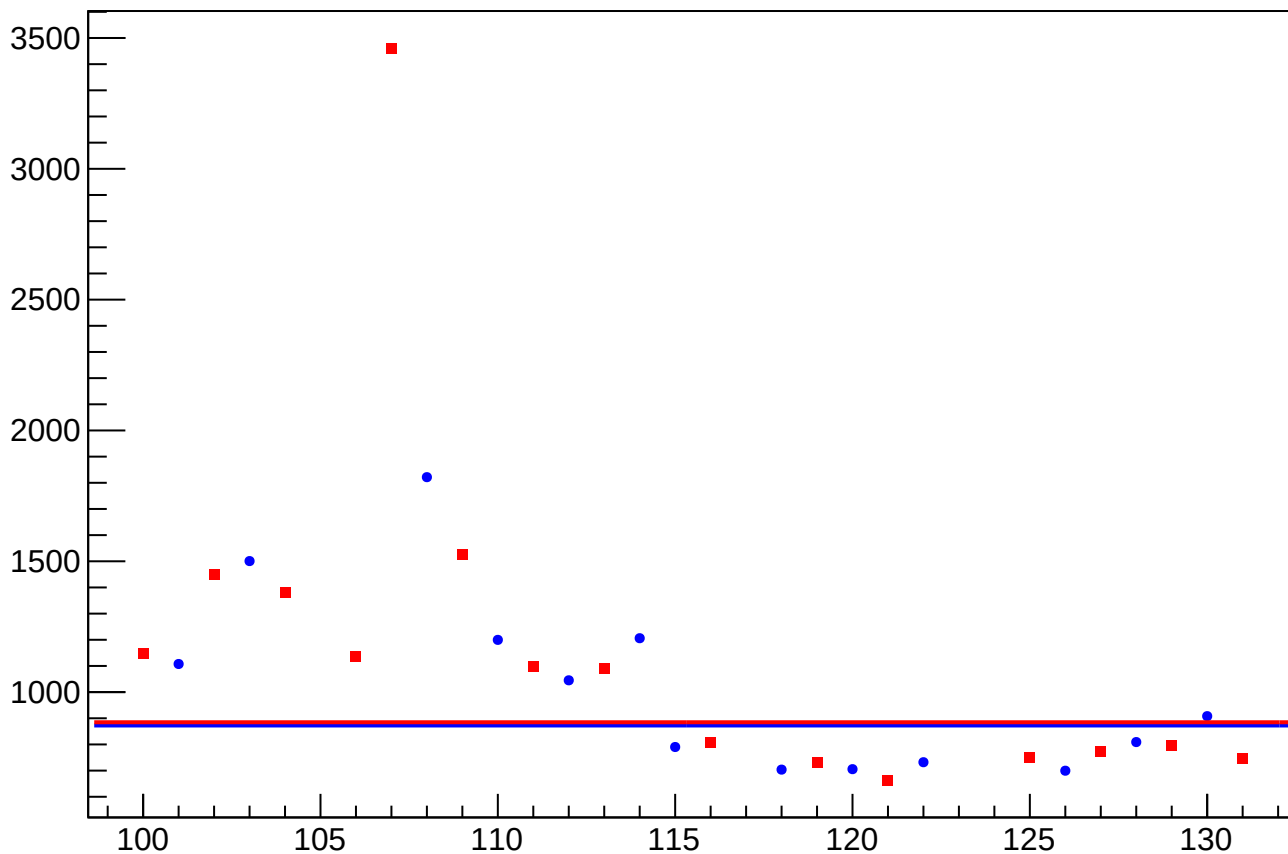
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -124.768 $\pm$ 268.280 χ^2 /NDF: 35.2/27

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

asym_usl_eigen_dit_correction_rms vs Slug



Right In: 872.490+/-0.272 χ^2/NDF : 775436.4/12

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

Right Out: 884.779+/-0.264 χ^2/NDF : 1124844.3/14

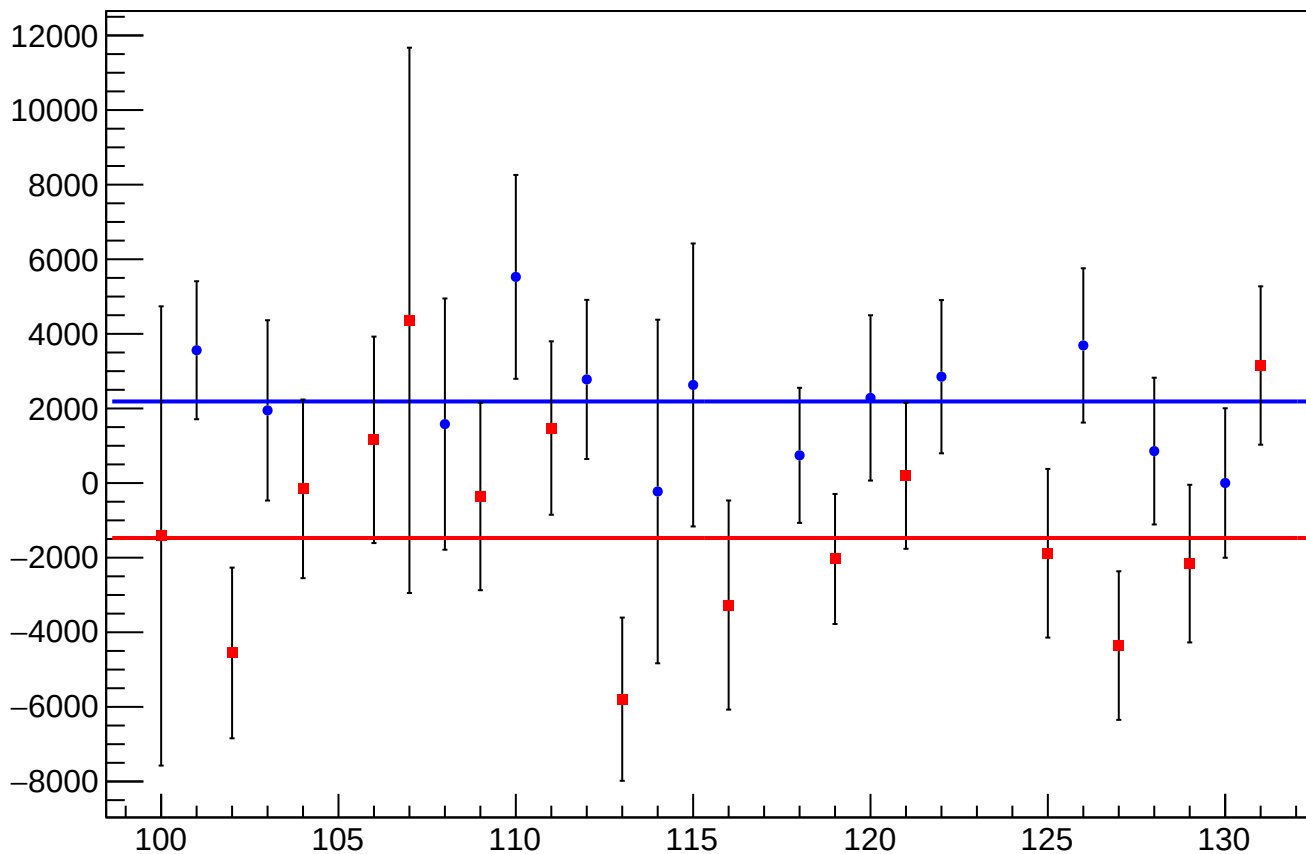
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 878.812+/-0.190 χ^2/NDF : 1901329.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_mean vs Slug



Right In: 2187.924+/-631.315 χ^2/NDF : 5.4/12

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

Right Out: -1472.442+/-608.088 χ^2/NDF : 17.6/14

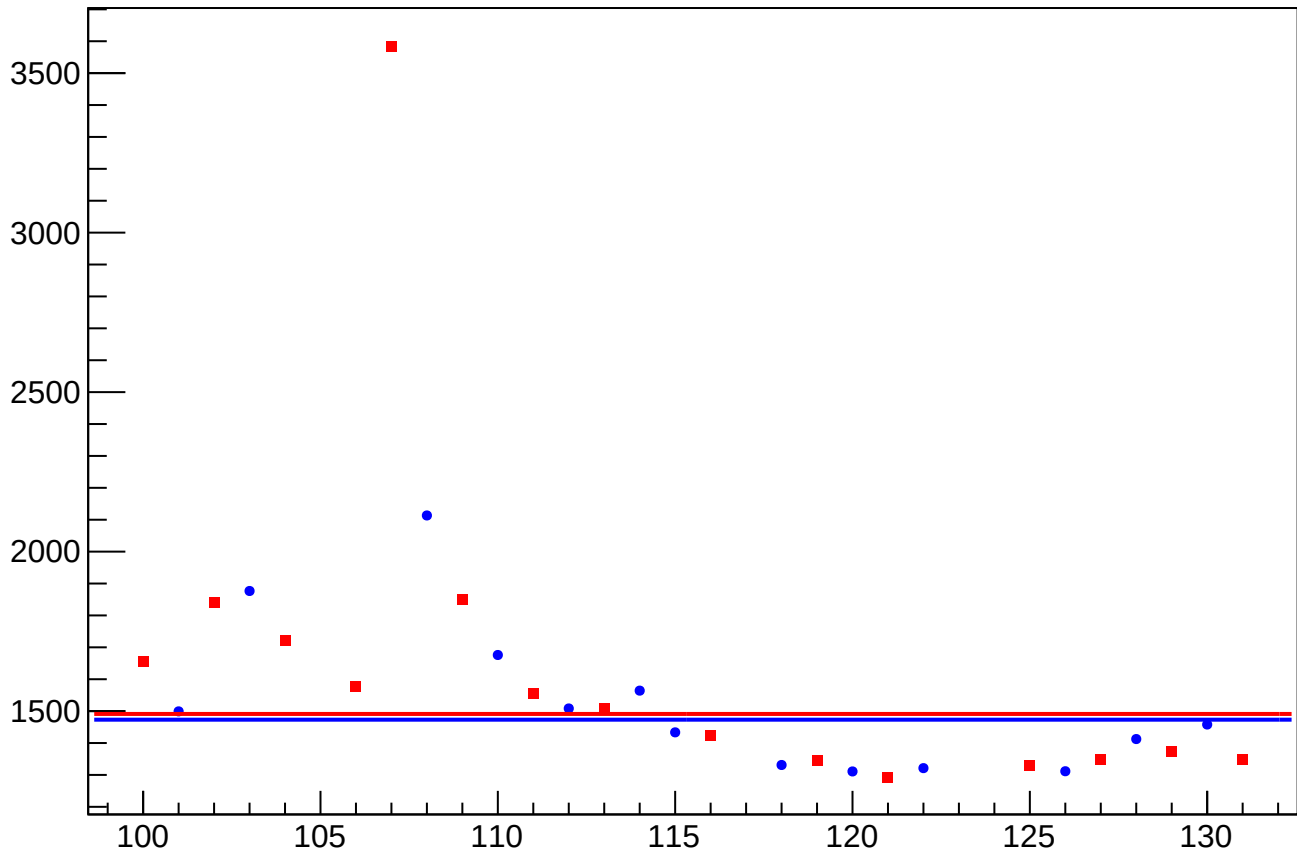
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 289.169+/-437.965 χ^2/NDF : 40.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_rms vs Slug



Right In: 1473.154+/-0.446 χ^2/NDF : 189140.4/12

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

Right Out: 1491.153+/-0.430 χ^2/NDF : 347020.1/14

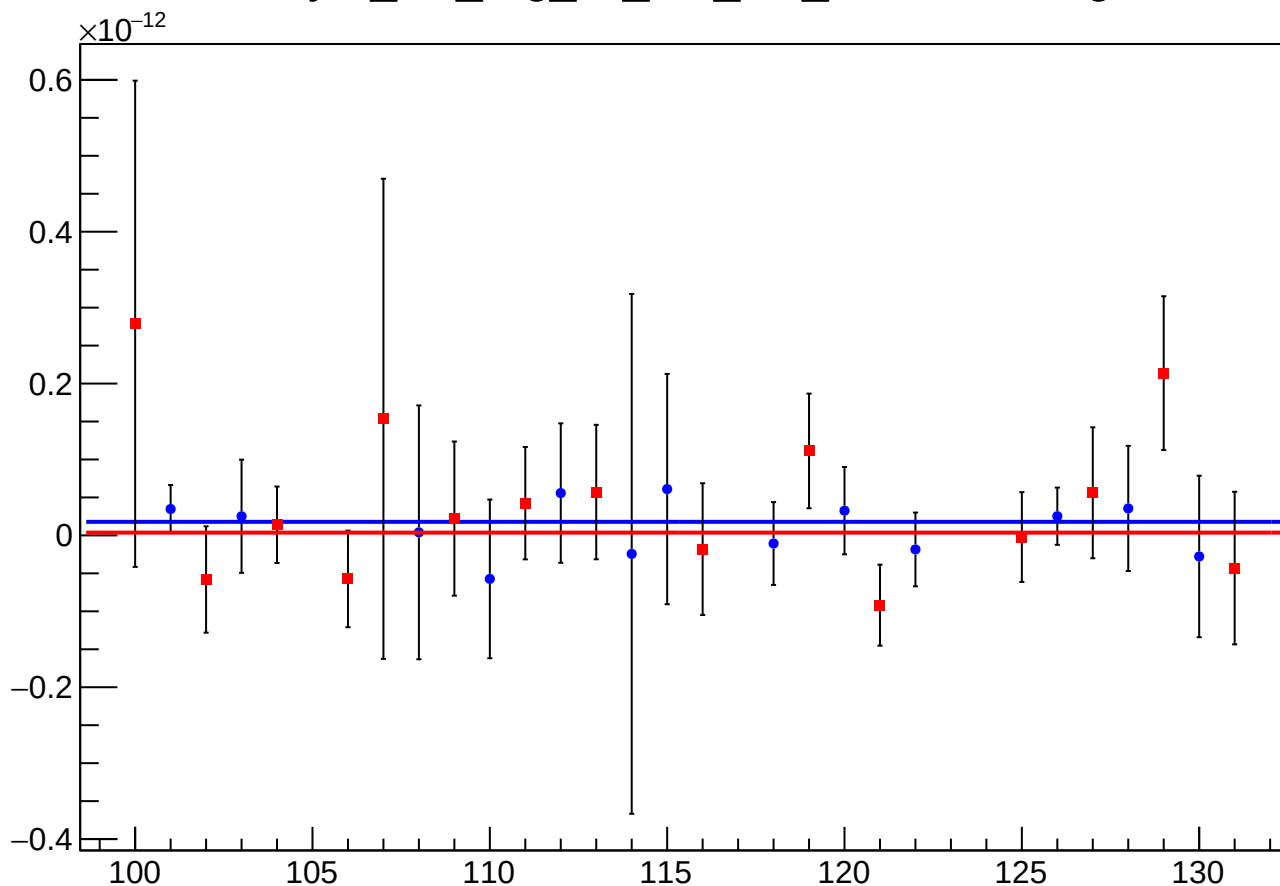
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1482.491+/-0.310 χ^2/NDF : 537003.8/27

- 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: 2.3/12

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.6/14

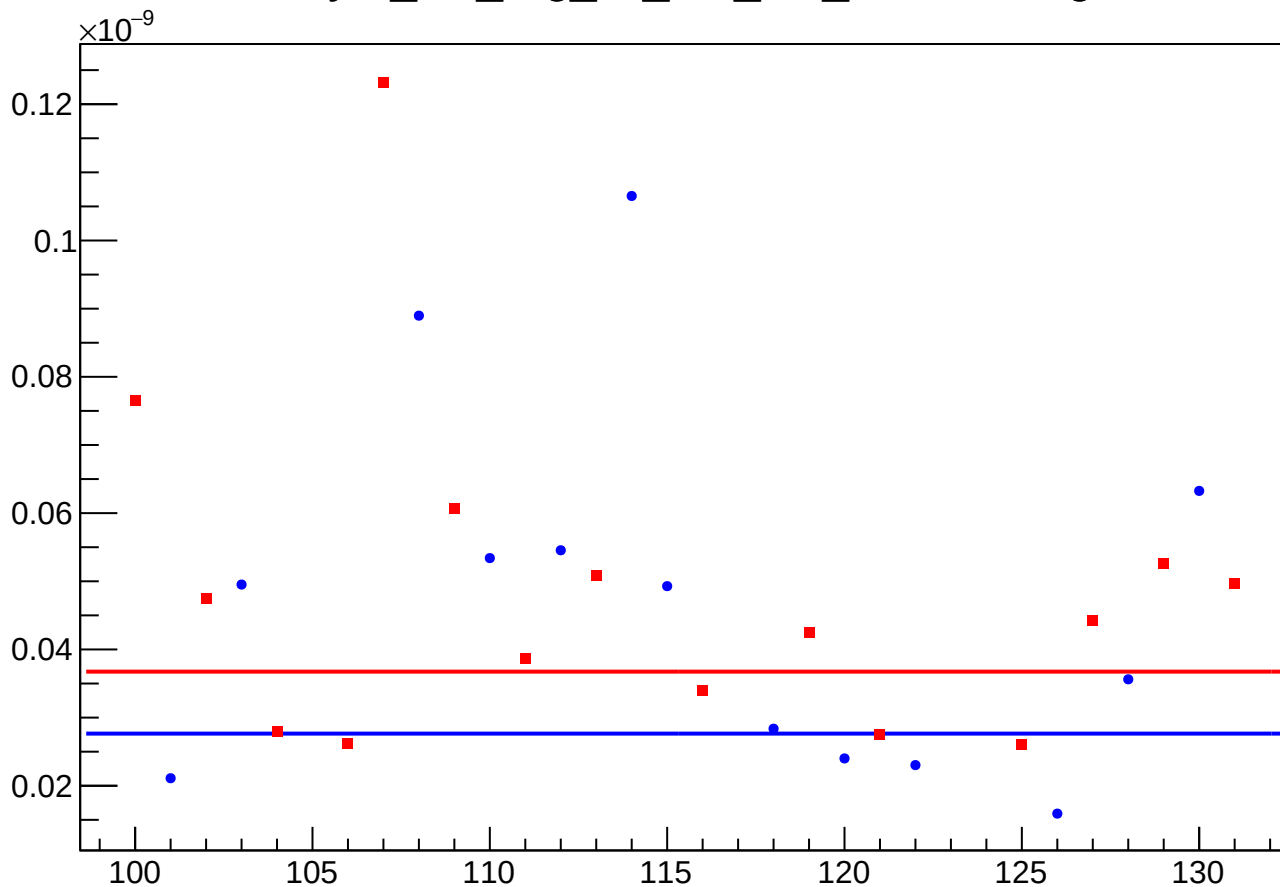
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.1/27

- 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 : 1430153.4/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 742490.0/14

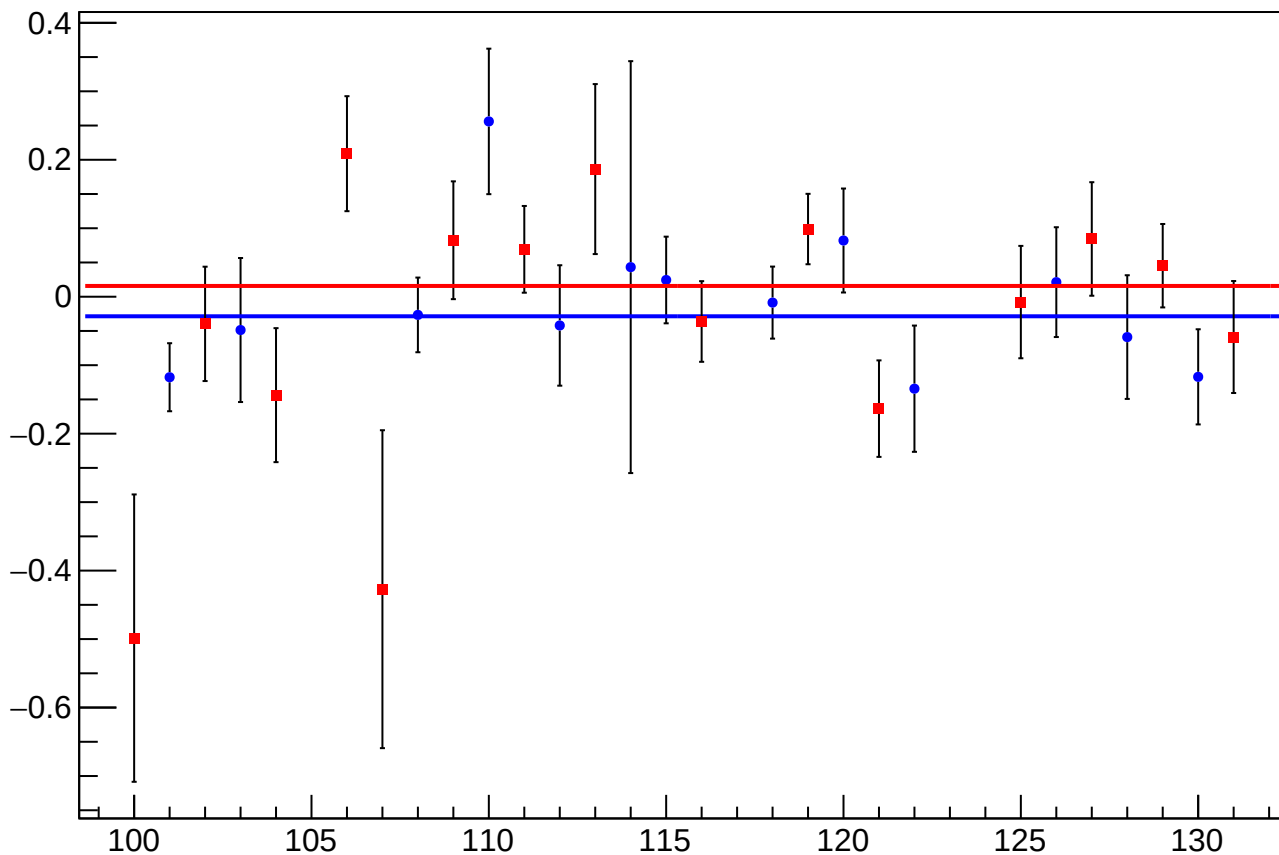
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2415824.3/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_dit_vs_cor_diff_mean vs Slug



Right In: -0.029 $\pm$ 0.020 χ^2 /NDF: 16.9/12

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

Right Out: 0.016 $\pm$ 0.020 χ^2 /NDF: 32.9/14

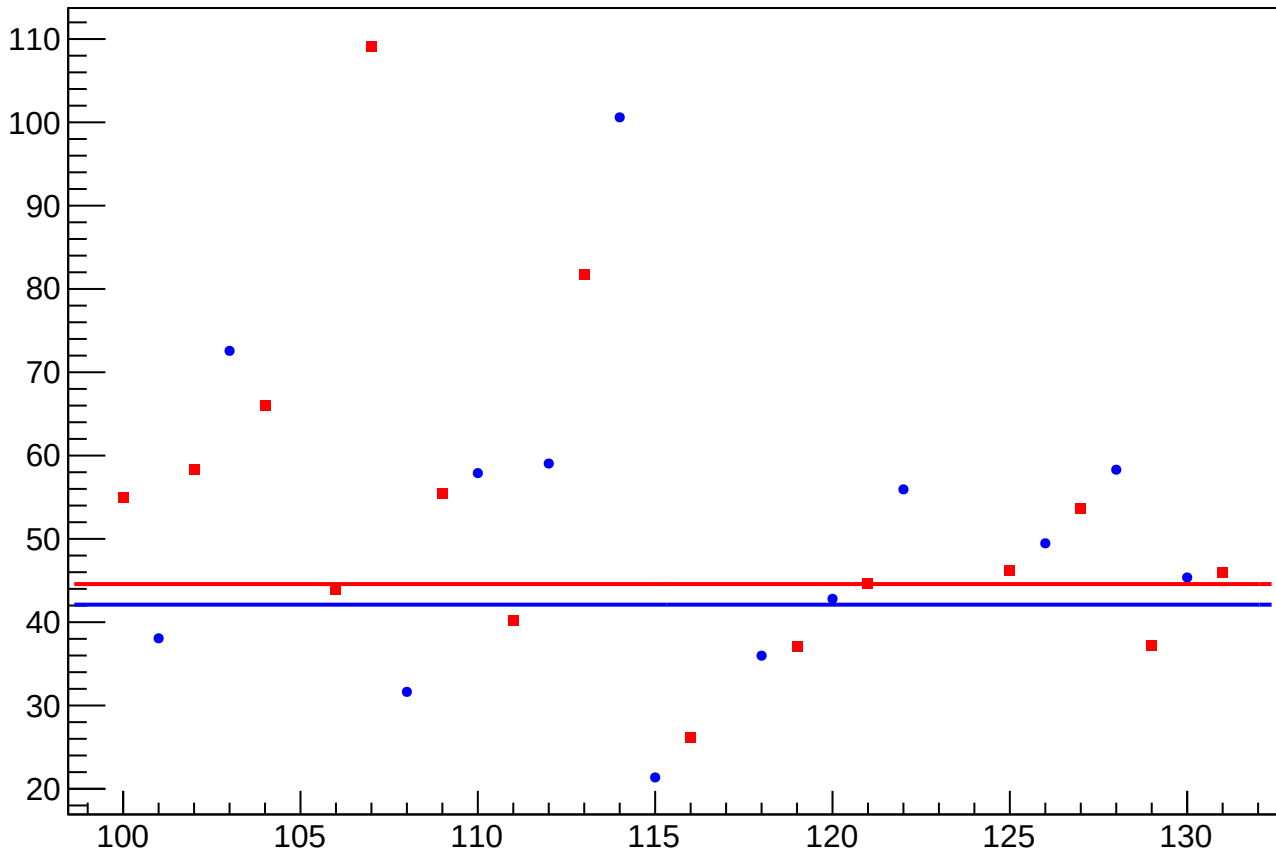
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.006 $\pm$ 0.014 χ^2 /NDF: 52.2/27

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

asym_usl_dit_vs_cor_diff_rms vs Slug



Right In: 42.104+/-0.014 χ^2/NDF : 821464.1/12

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

Right Out: 44.576+/-0.014 χ^2/NDF : 821169.7/14

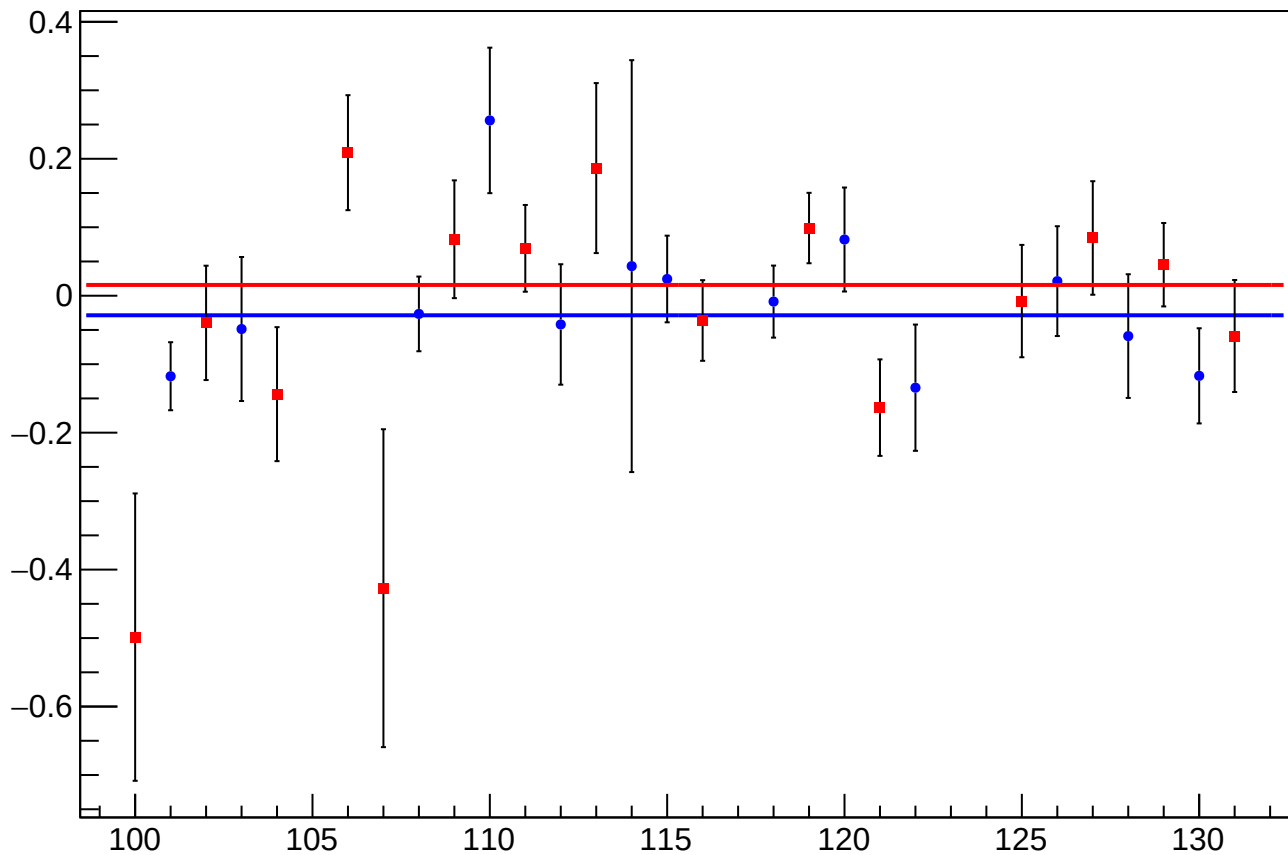
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.344+/-0.010 χ^2/NDF : 1657631.3/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.029+/-0.020 χ^2 /NDF: 16.9/12

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

Right Out: 0.016+/-0.020 χ^2 /NDF: 32.9/14

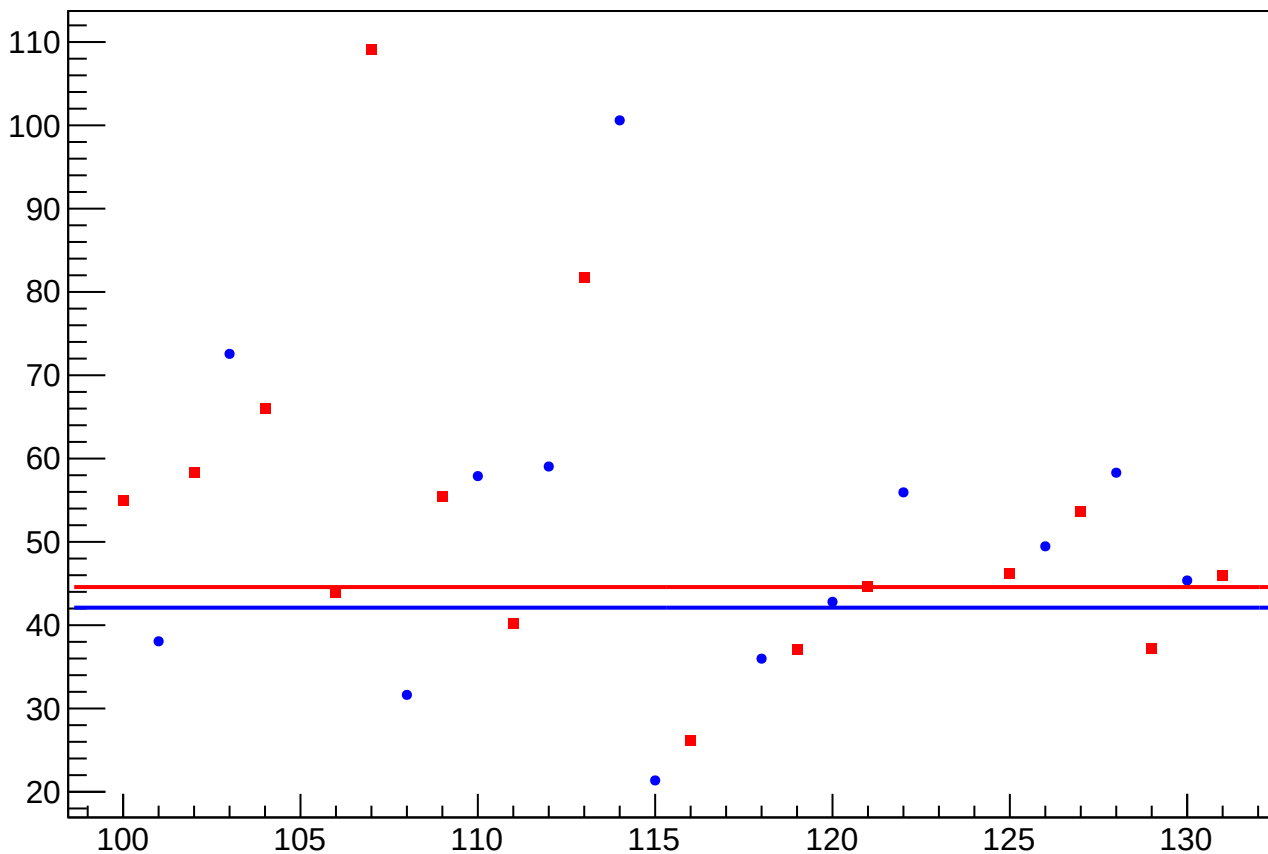
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.006+/-0.014 χ^2 /NDF: 52.2/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 42.104+/-0.014 χ^2/NDF : 821464.1/12

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

Right Out: 44.576+/-0.014 χ^2/NDF : 821169.7/14

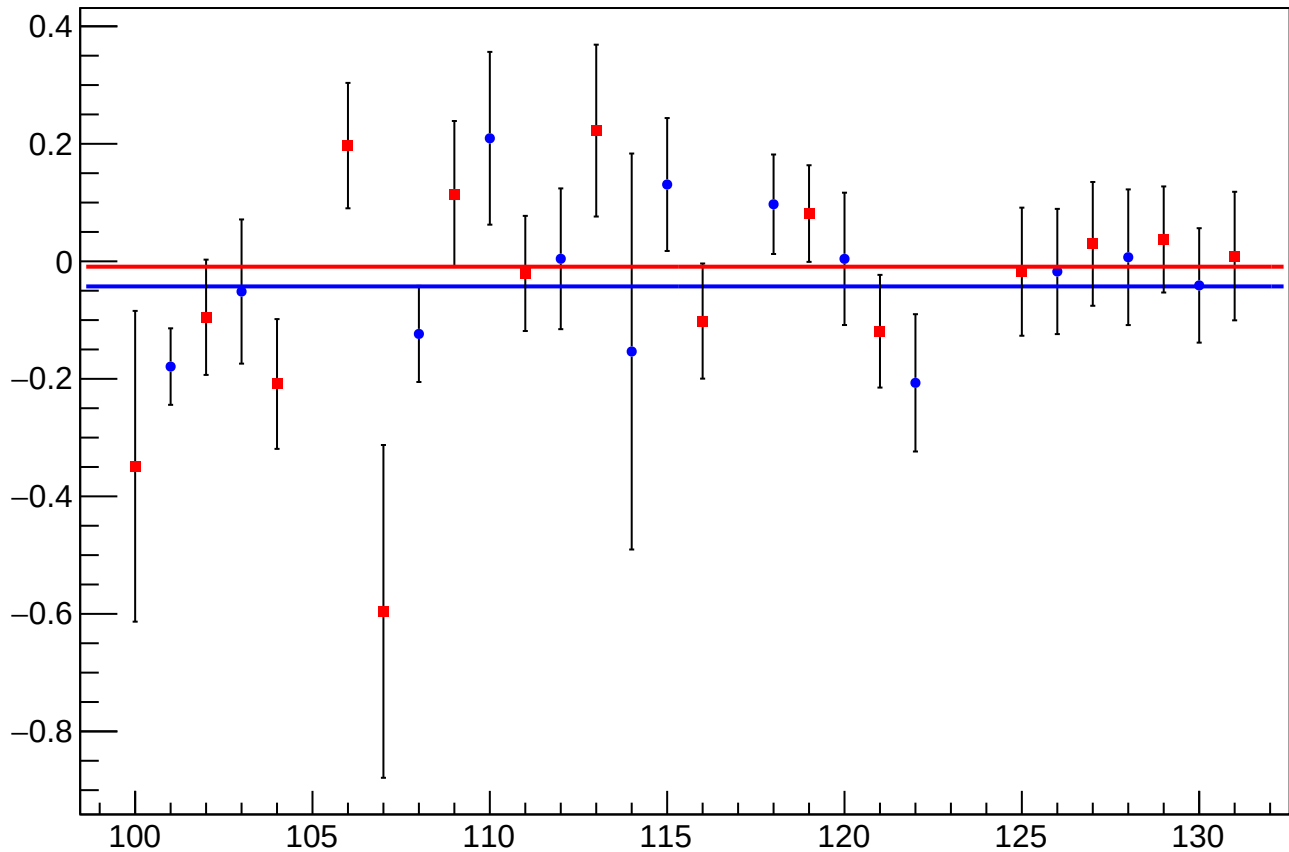
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.344+/-0.010 χ^2/NDF : 1657631.3/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.043+/-0.029 χ^2 /NDF: 16.0/12

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

Right Out: -0.009+/-0.028 χ^2 /NDF: 21.1/14

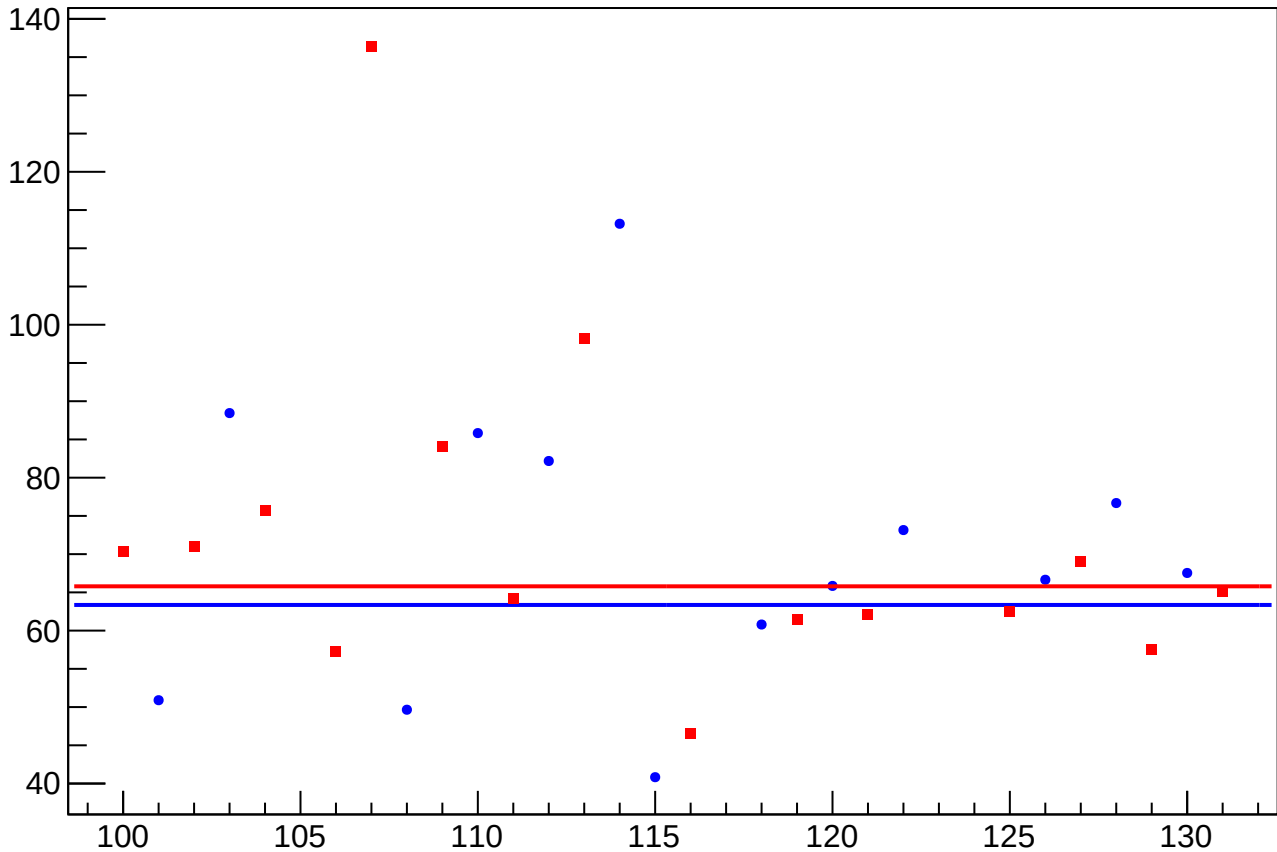
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.026+/-0.020 χ^2 /NDF: 37.8/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_dit_vs_overload_cor_diff_rms vs Slug



Right In: 63.355+/-0.020 χ^2/NDF : 481291.0/12

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

Right Out: 65.792+/-0.020 χ^2/NDF : 407979.9/14

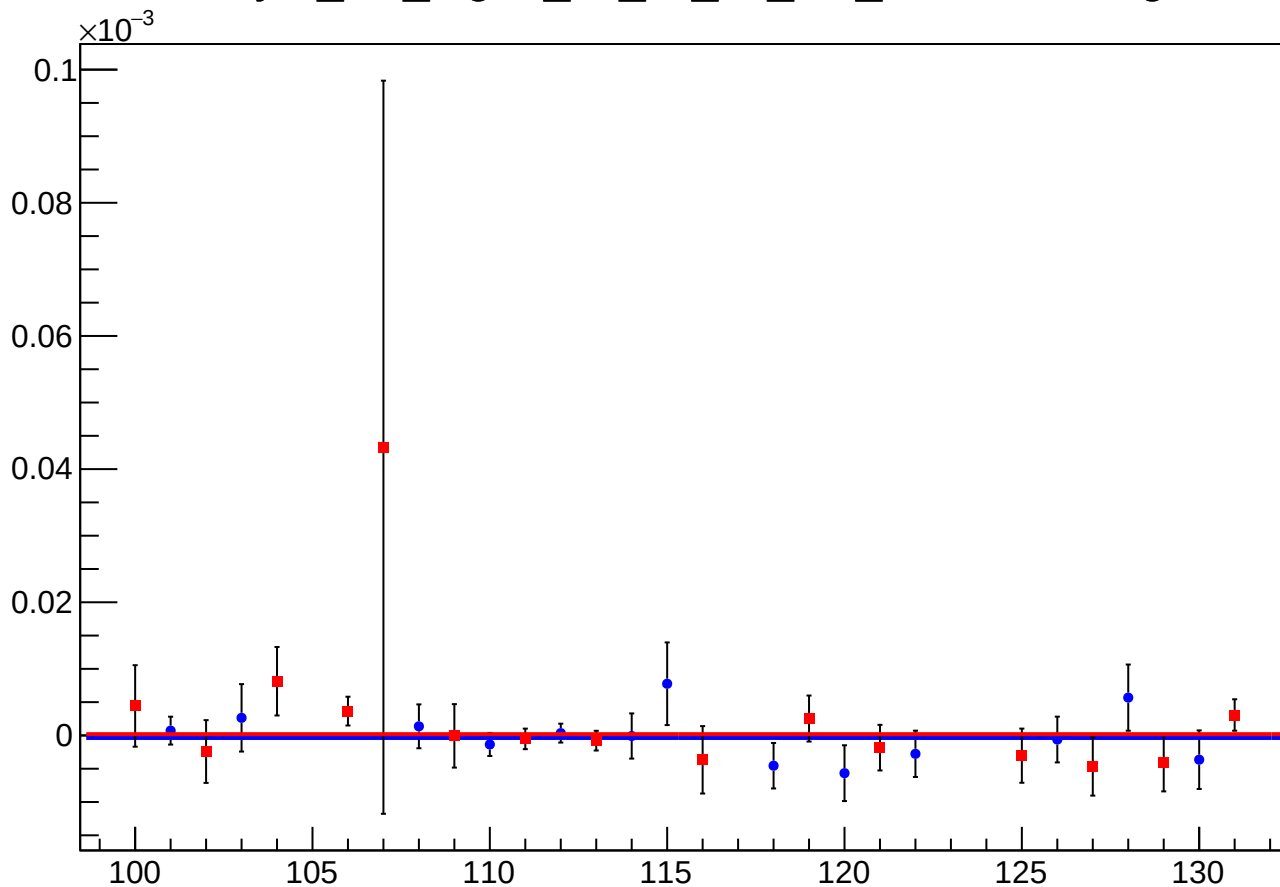
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.595+/-0.014 χ^2/NDF : 896607.7/27

- 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 : 8.8/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 12.8/14

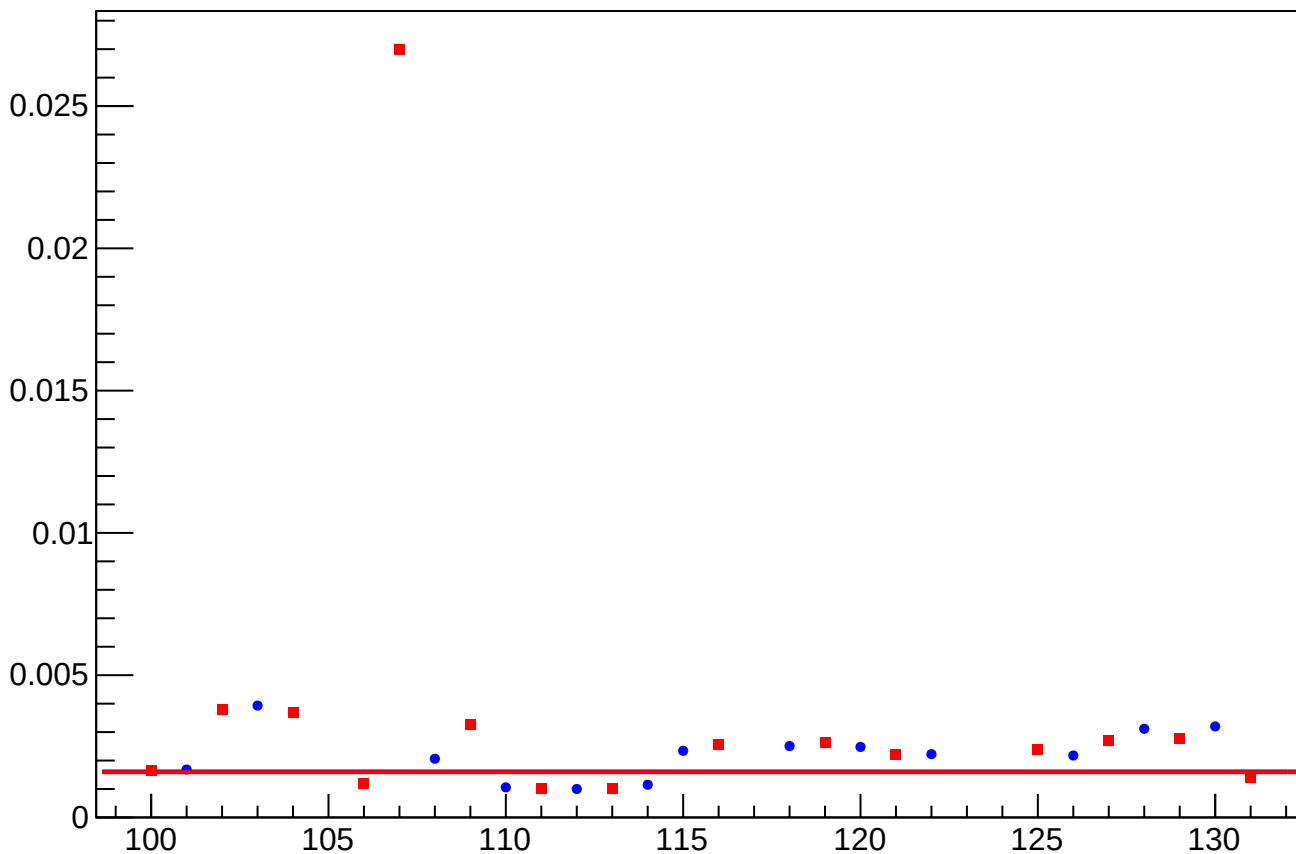
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 1883624.7/12

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2766905.0/14

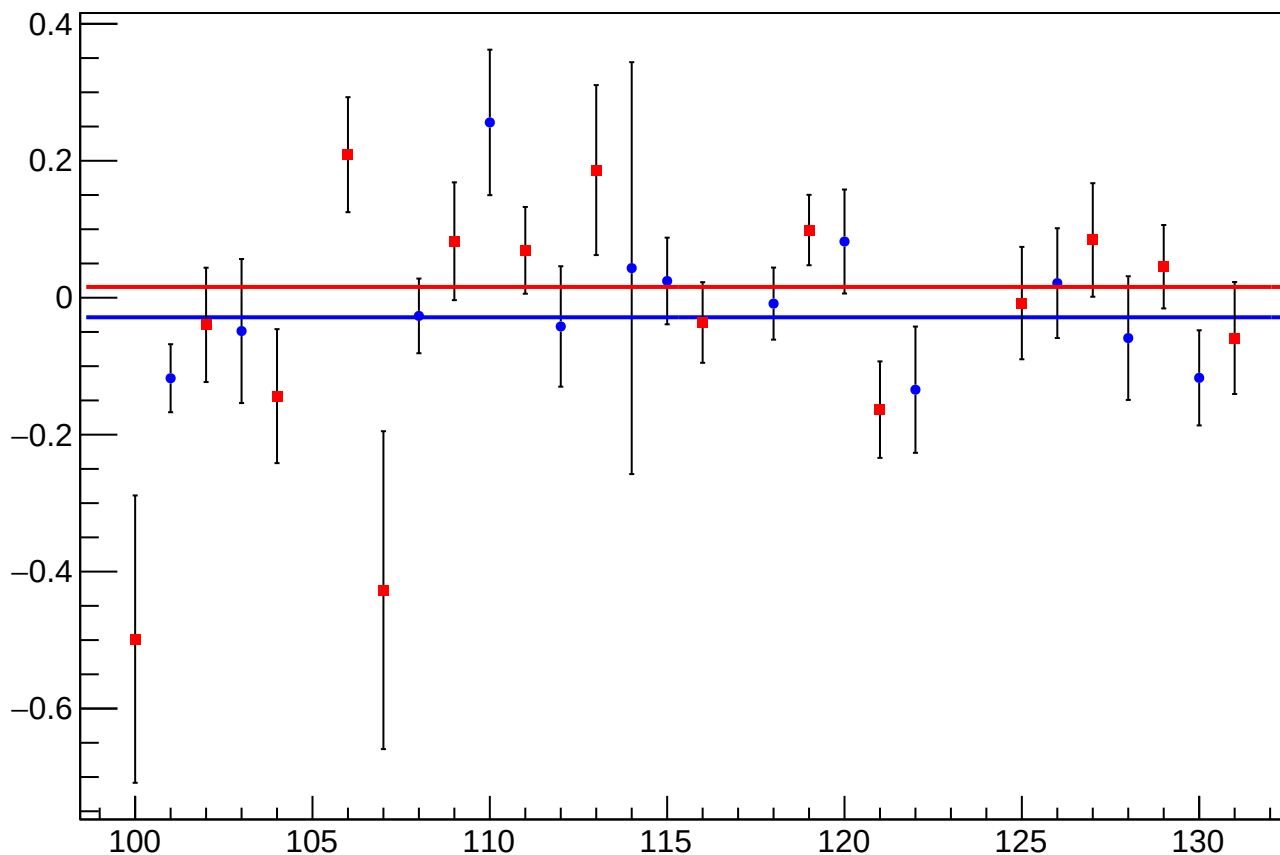
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4651551.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.029+/-0.020 χ^2 /NDF: 16.9/12

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

Right Out: 0.016+/-0.020 χ^2 /NDF: 32.9/14

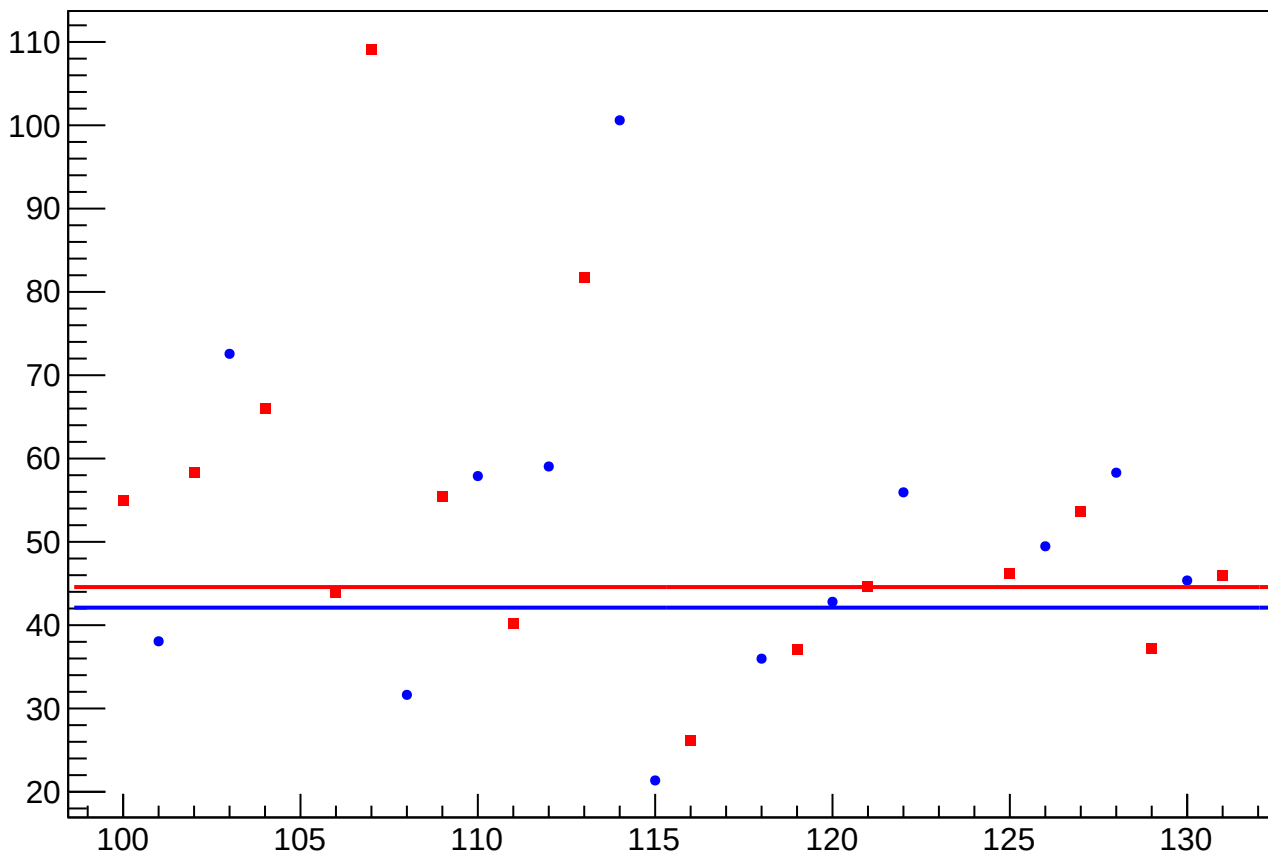
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.006+/-0.014 χ^2 /NDF: 52.2/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 42.103+/-0.014 χ^2/NDF : 821503.6/12

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

Right Out: 44.575+/-0.014 χ^2/NDF : 821202.1/14

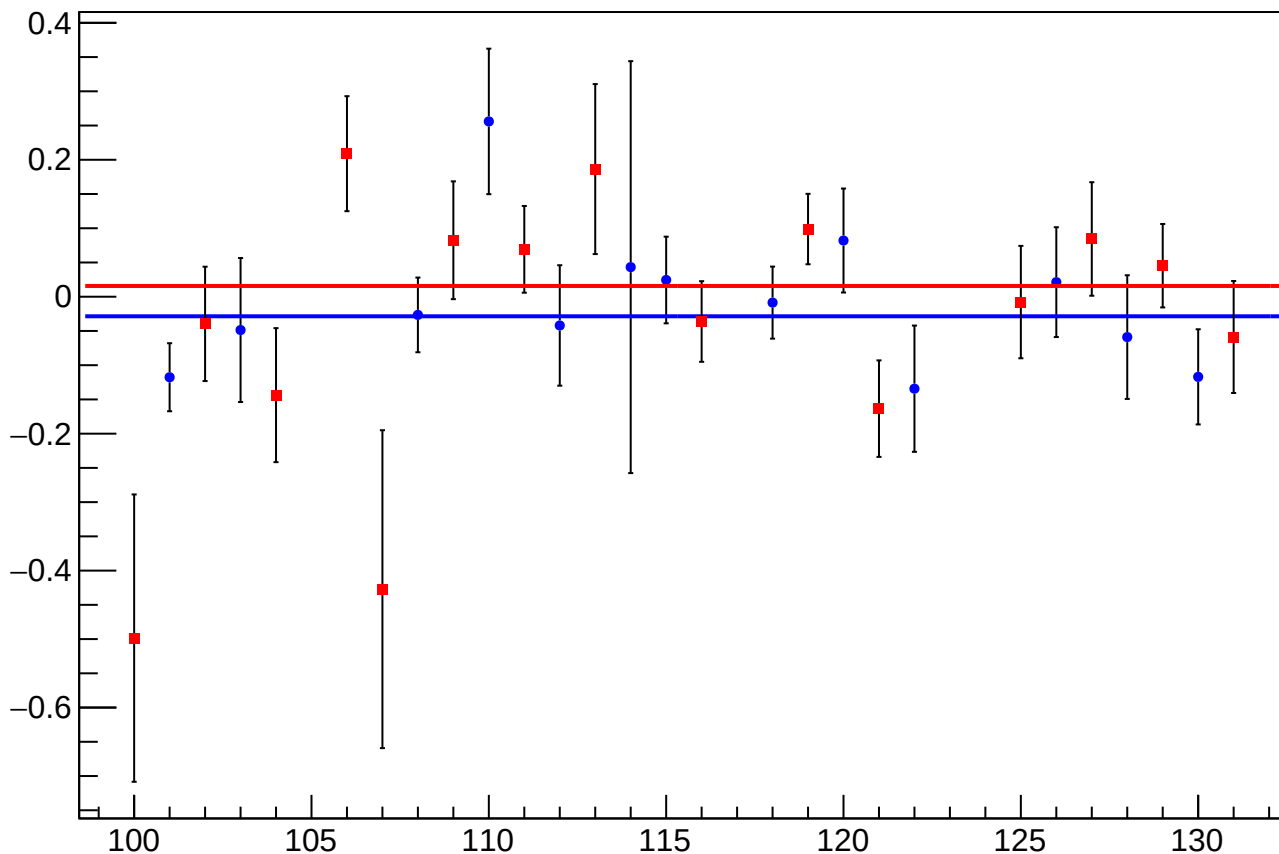
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.343+/-0.010 χ^2/NDF : 1657703.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.029 ± 0.020 χ^2/NDF : 16.9/12

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

Right Out: 0.016 ± 0.020 χ^2/NDF : 32.9/14

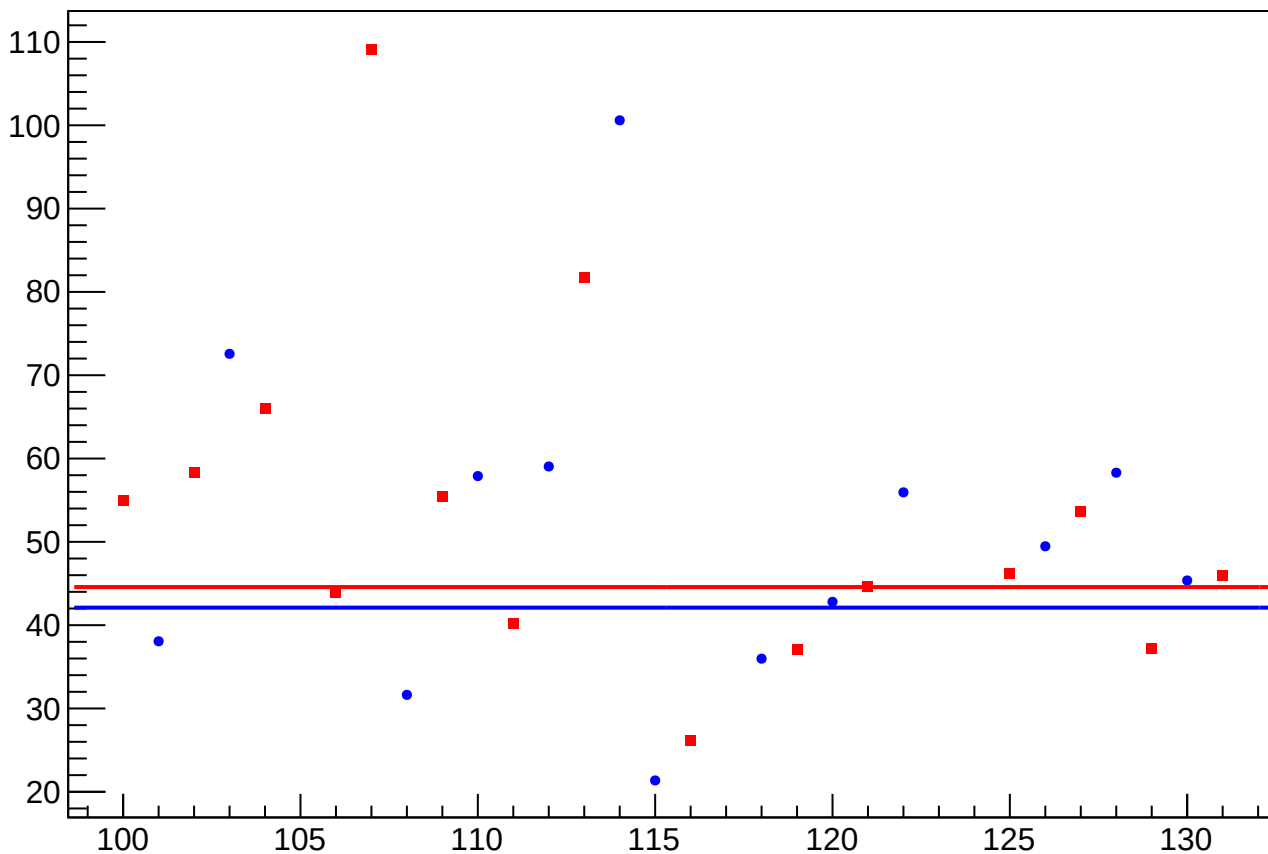
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.006 ± 0.014 χ^2/NDF : 52.2/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 42.103+/-0.014 χ^2/NDF : 821503.6/12

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

Right Out: 44.575+/-0.014 χ^2/NDF : 821202.1/14

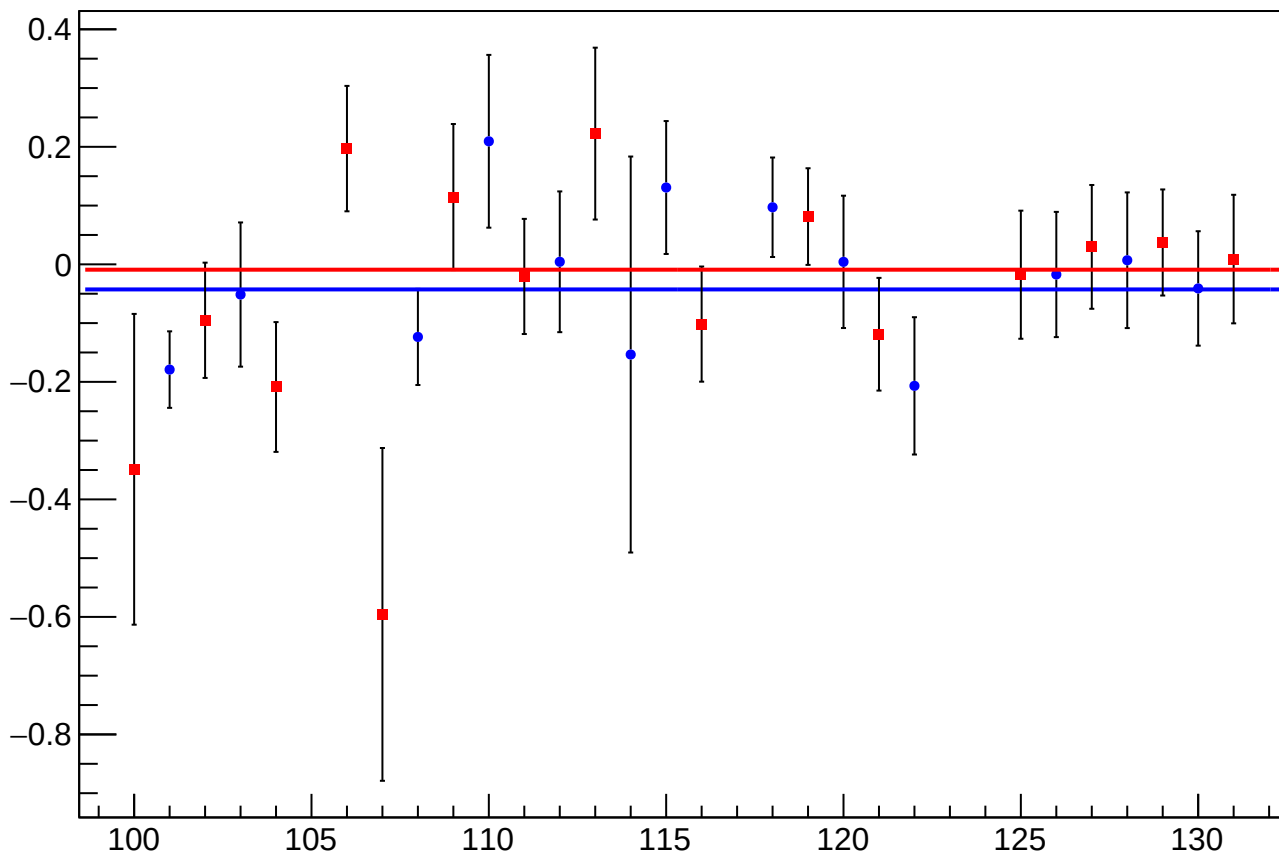
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.343+/-0.010 χ^2/NDF : 1657703.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.043+/-0.029 χ^2 /NDF: 16.0/12

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

Right Out: -0.009+/-0.028 χ^2 /NDF: 21.1/14

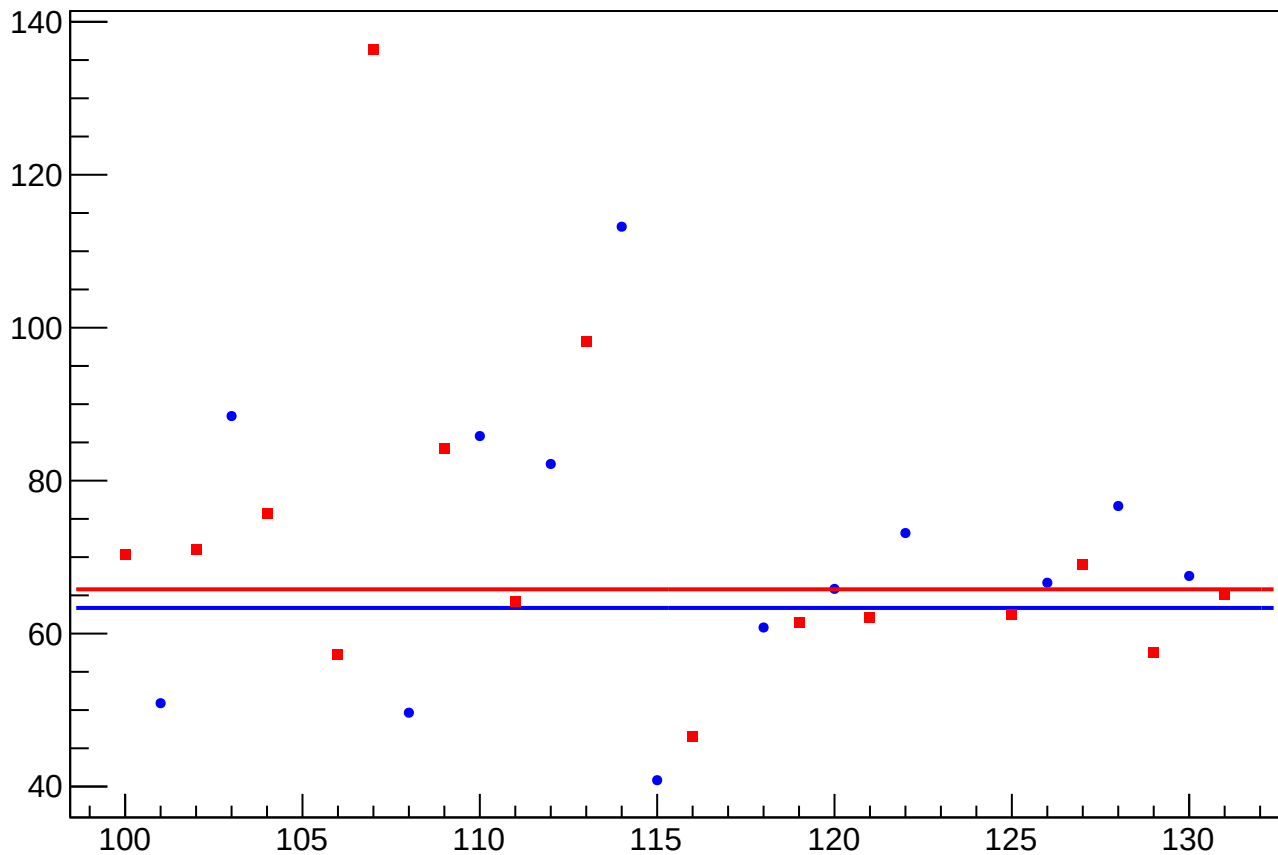
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.026+/-0.020 χ^2 /NDF: 37.8/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_eigen_dit_vs_overload_cor_diff_rms vs Slug



Right In: 63.355+/-0.020 χ^2/NDF : 481291.2/12

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

Right Out: 65.791+/-0.020 χ^2/NDF : 407974.3/14

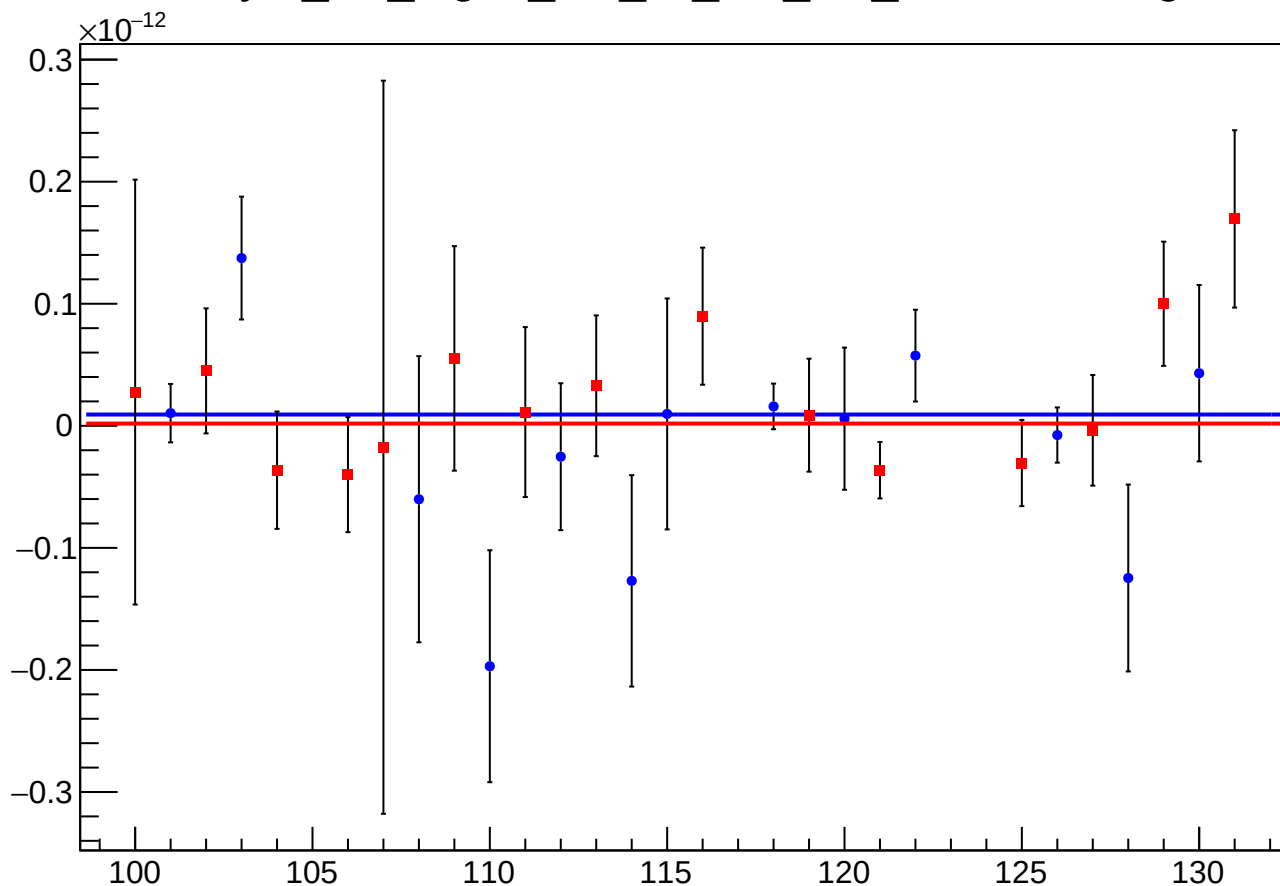
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.594+/-0.014 χ^2/NDF : 896601.3/27

- 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: 20.0/12

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.9/14

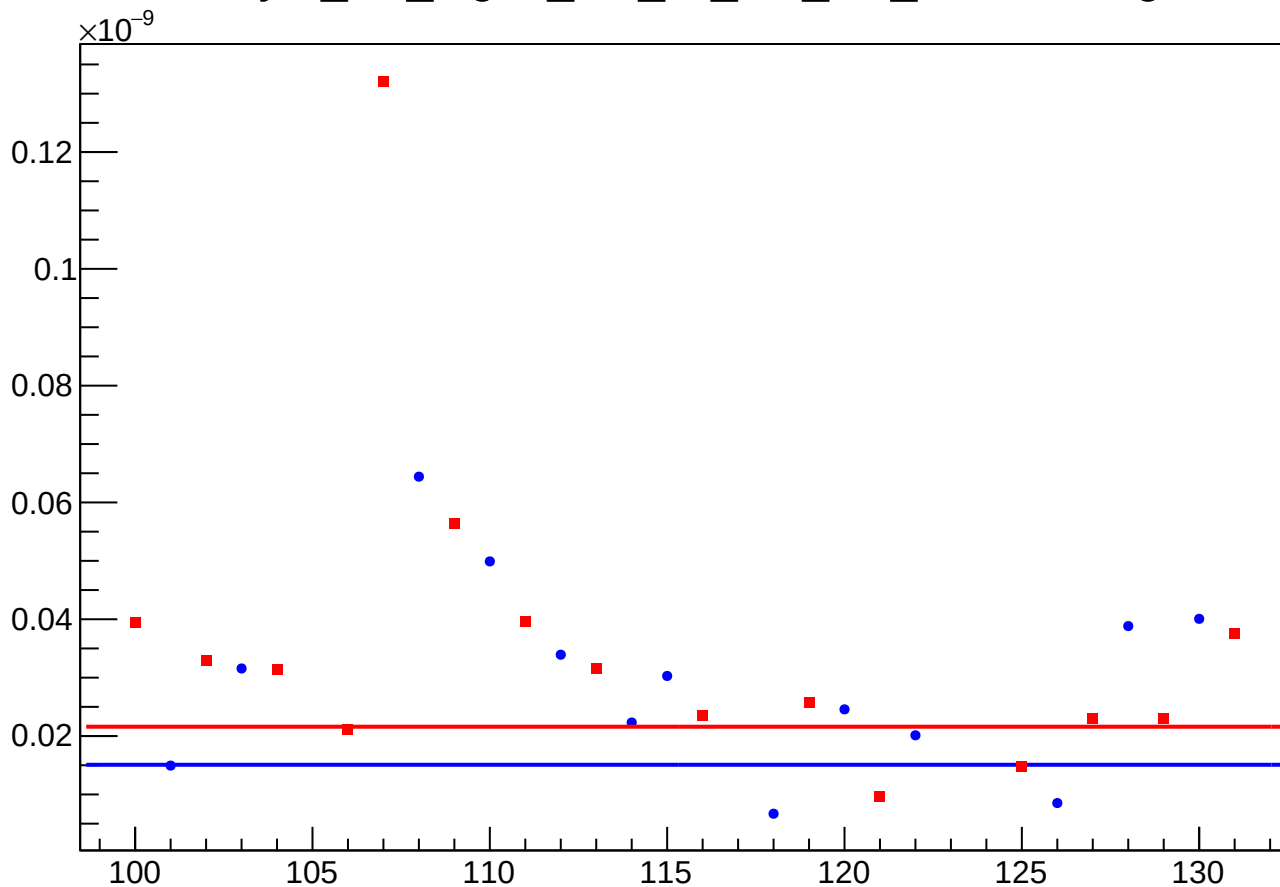
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 38.1/27

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

asym_usl_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2190213.7/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1673972.0/14

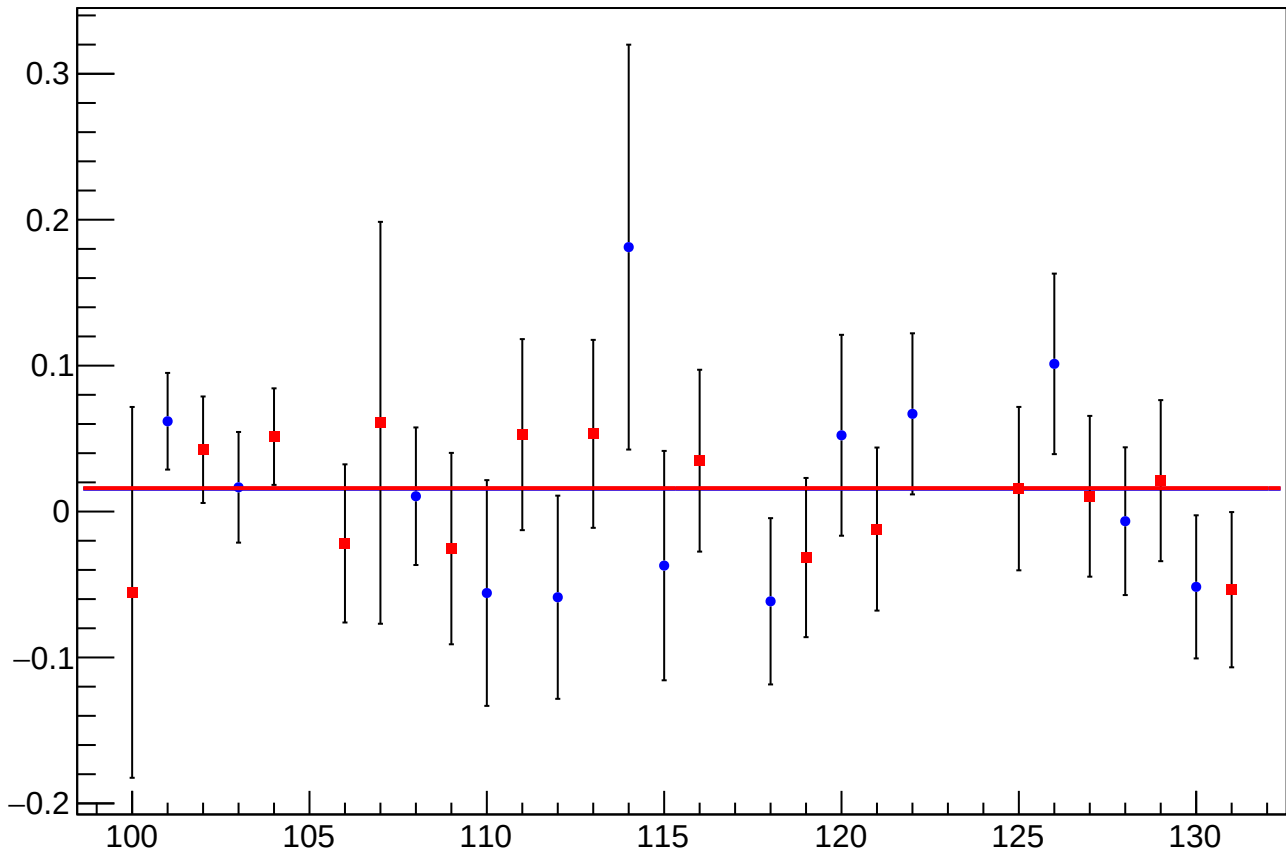
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4183861.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_overload_cor_vs_cor_diff_mean vs Slug



Right In: 0.016 $\pm$ 0.015 χ^2 /NDF: 12.8/12

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

Right Out: 0.016 $\pm$ 0.014 χ^2 /NDF: 6.5/14

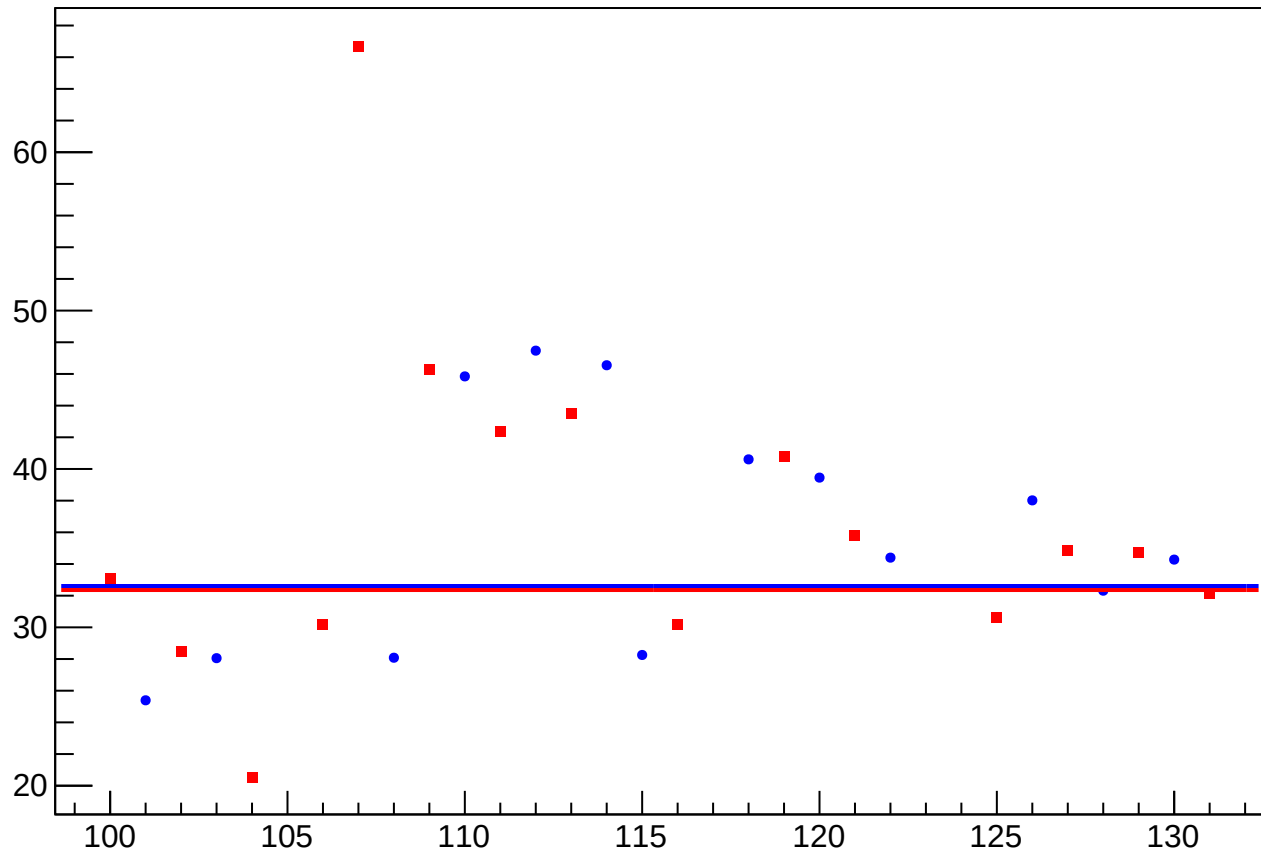
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.016 $\pm$ 0.010 χ^2 /NDF: 19.2/27

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

asym_usl_overload_cor_vs_cor_diff_rms vs Slug



Right In: 32.610+/-0.010 χ^2/NDF : 397163.5/12

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

Right Out: 32.357+/-0.010 χ^2/NDF : 671083.8/14

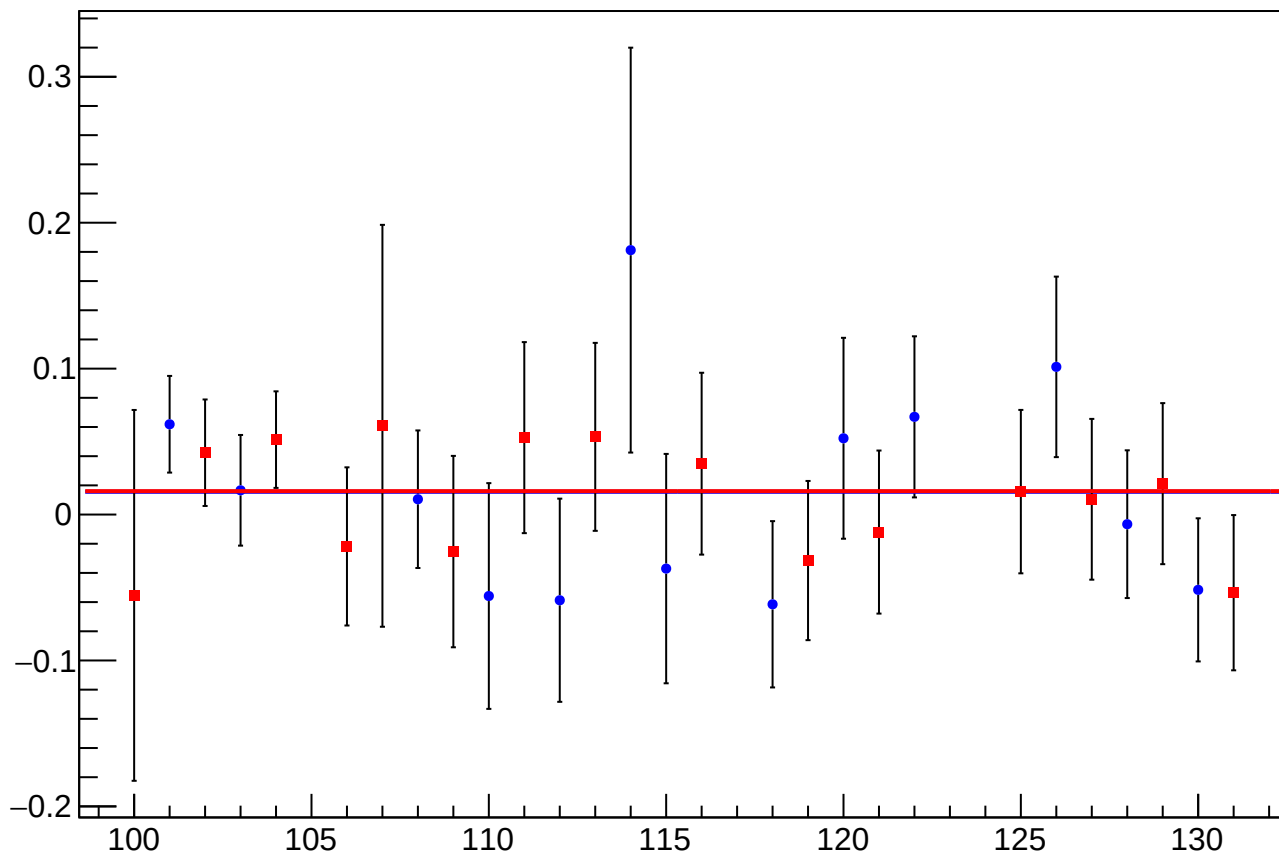
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.477+/-0.007 χ^2/NDF : 1068556.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_overload_cor_vs_eigen_cor_diff_mean vs Slug



Right In: 0.016 $\pm$ 0.015 χ^2 /NDF: 12.8/12

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

Right Out: 0.016 $\pm$ 0.014 χ^2 /NDF: 6.5/14

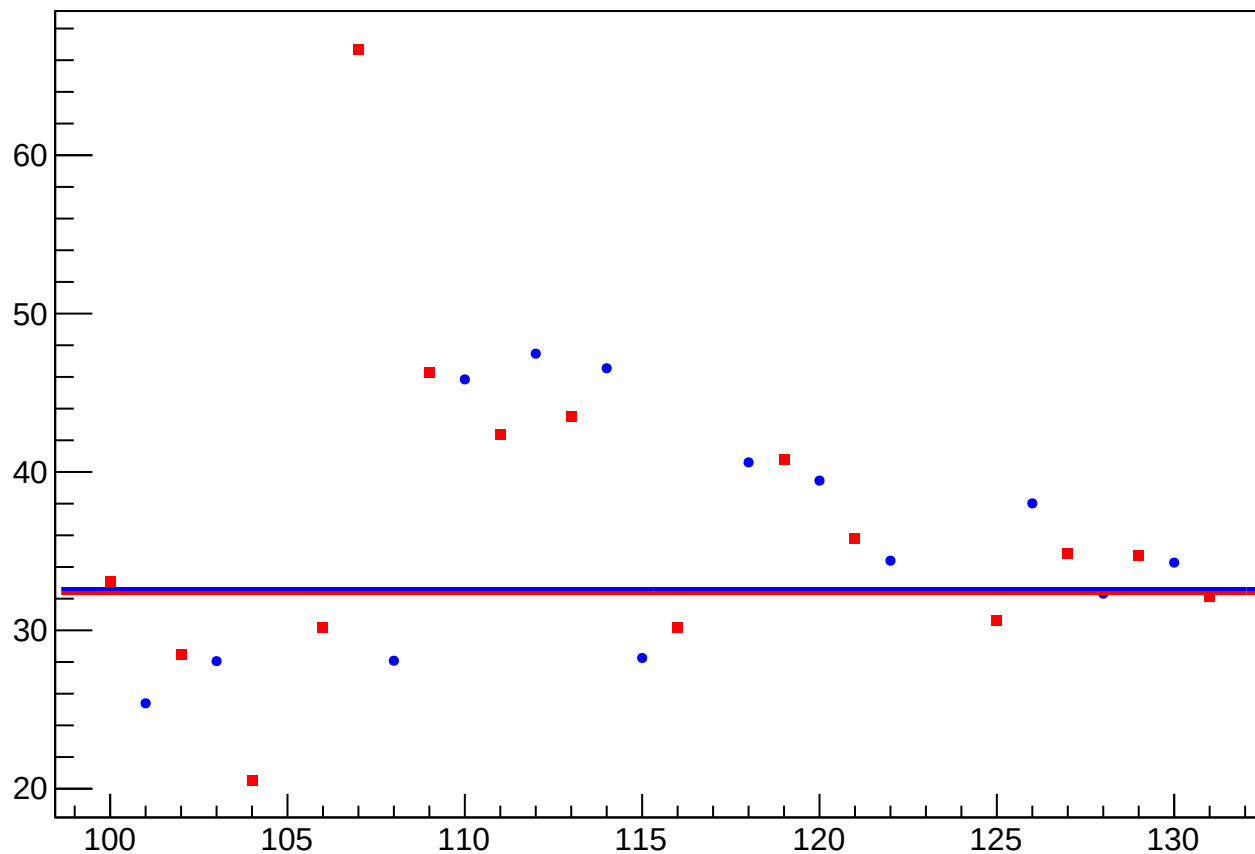
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.016 $\pm$ 0.010 χ^2 /NDF: 19.2/27

- 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: 32.610+/-0.010 χ^2/NDF : 397163.5/12

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

Right Out: 32.357+/-0.010 χ^2/NDF : 671083.8/14

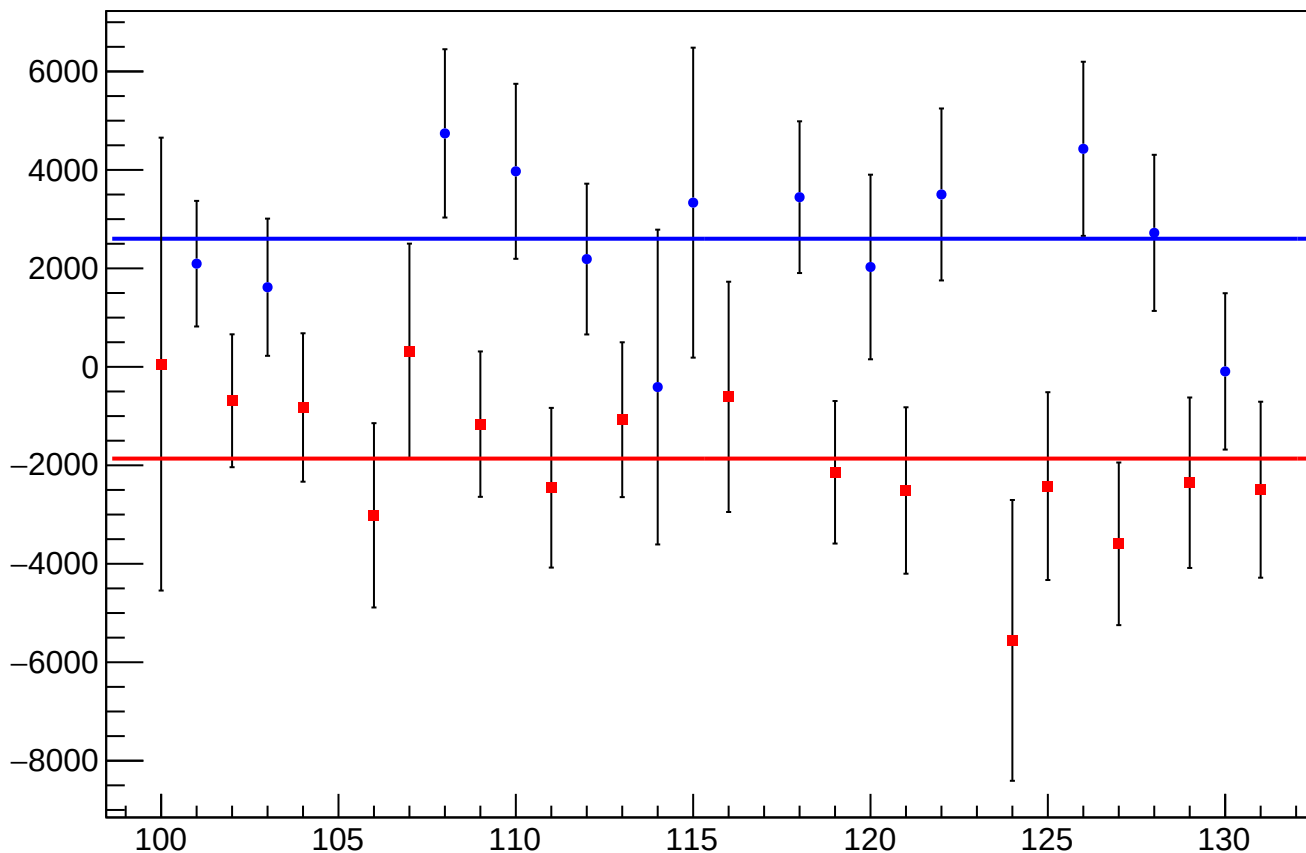
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.477+/-0.007 χ^2/NDF : 1068556.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_mean vs Slug



Right In: 2602.253+/-468.223 χ^2/NDF : 8.4/12

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

Right Out: -1863.154+/-438.702 χ^2/NDF : 6.9/15

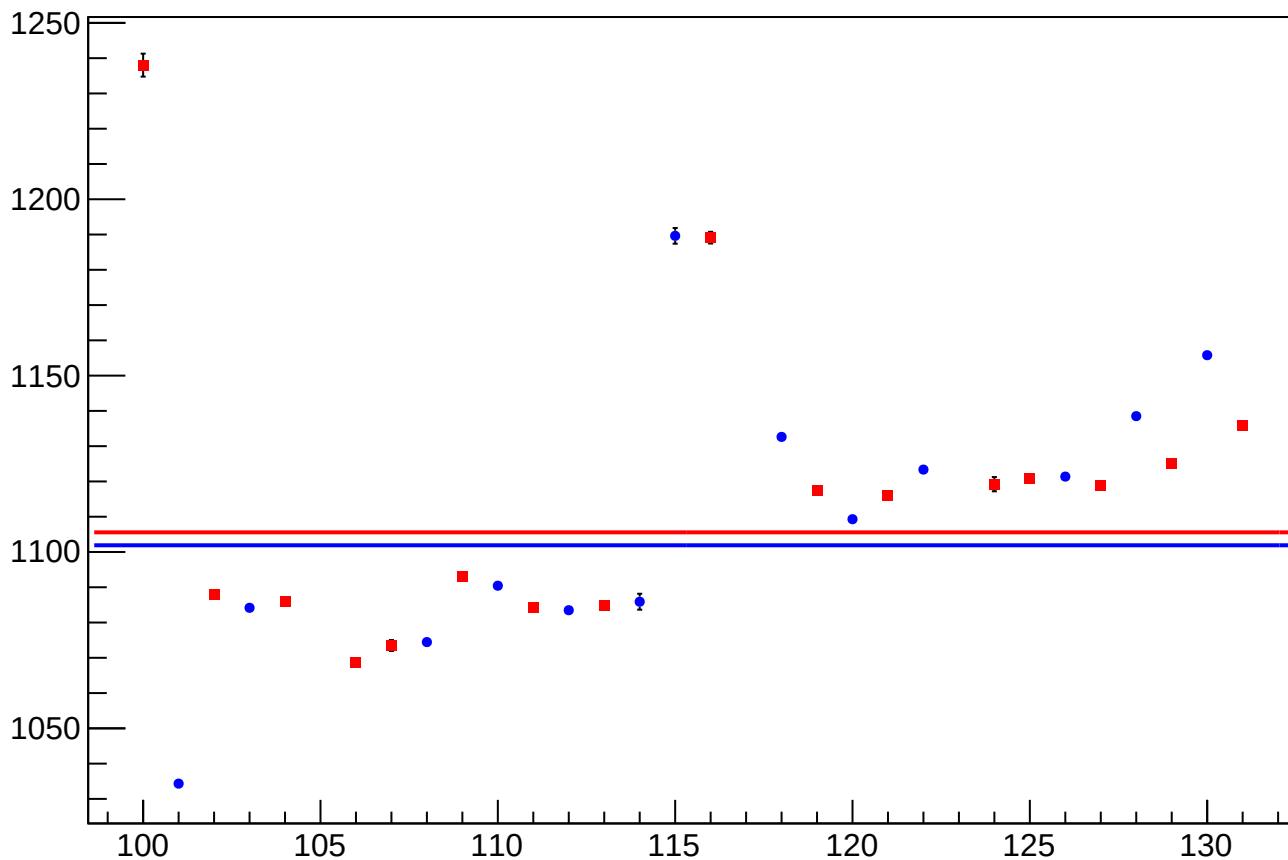
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 224.355+/-320.137 χ^2/NDF : 63.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_rms vs Slug



Right In: 1101.902+/-0.331 χ^2/NDF : 13168.0/12

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

Right Out: 1105.571+/-0.310 χ^2/NDF : 8280.4/15

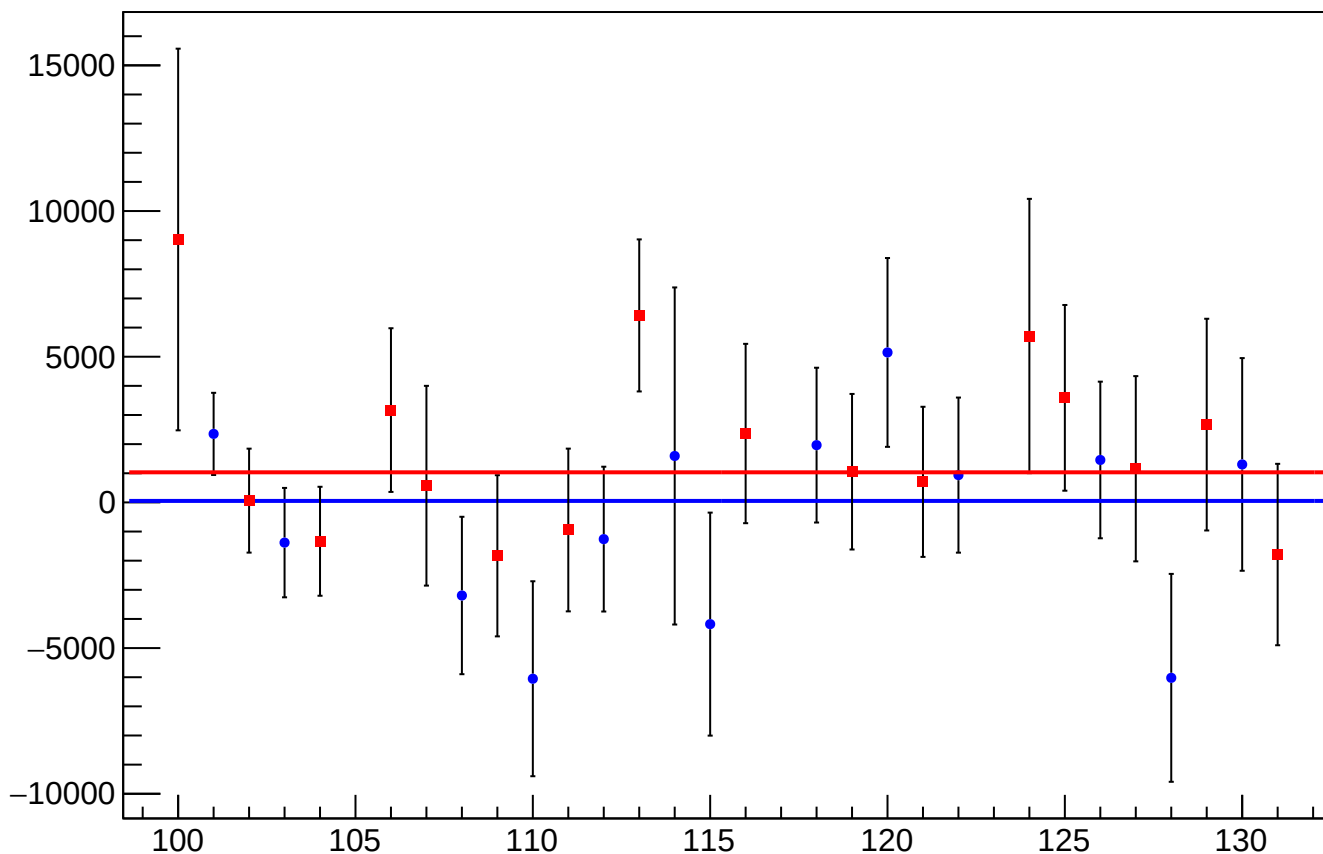
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1103.856+/-0.226 χ^2/NDF : 21513.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_reg_correction_mean vs Slug



Right In: 50.910 $\pm$ 717.281 χ^2 /NDF: 16.0/12

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

Right Out: 1032.839 $\pm$ 696.866 χ^2 /NDF: 12.7/15

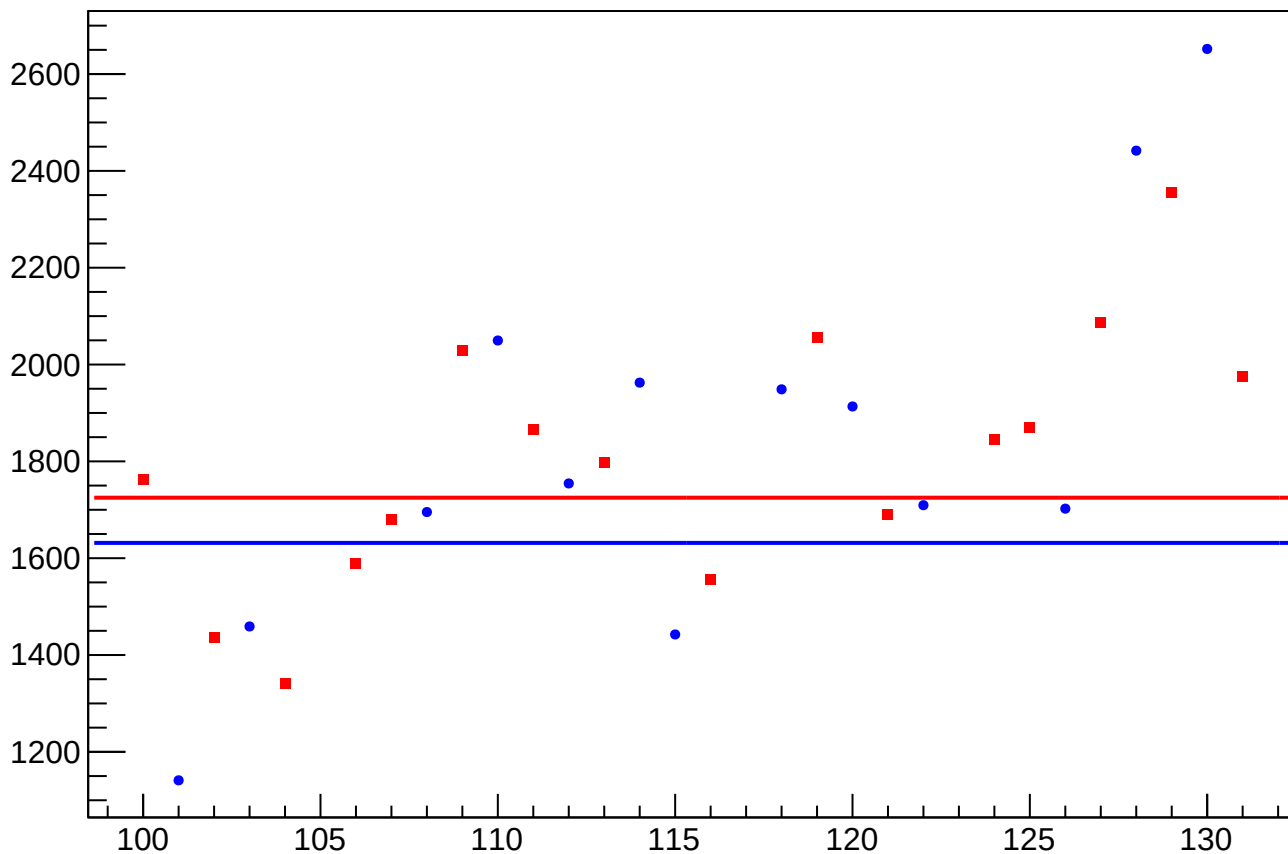
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 556.047 $\pm$ 499.820 χ^2 /NDF: 29.6/28

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

asym_usr_reg_correction_rms vs Slug



Right In: 1631.607 $\pm$ 0.507 χ^2 /NDF: 613829.7/12

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

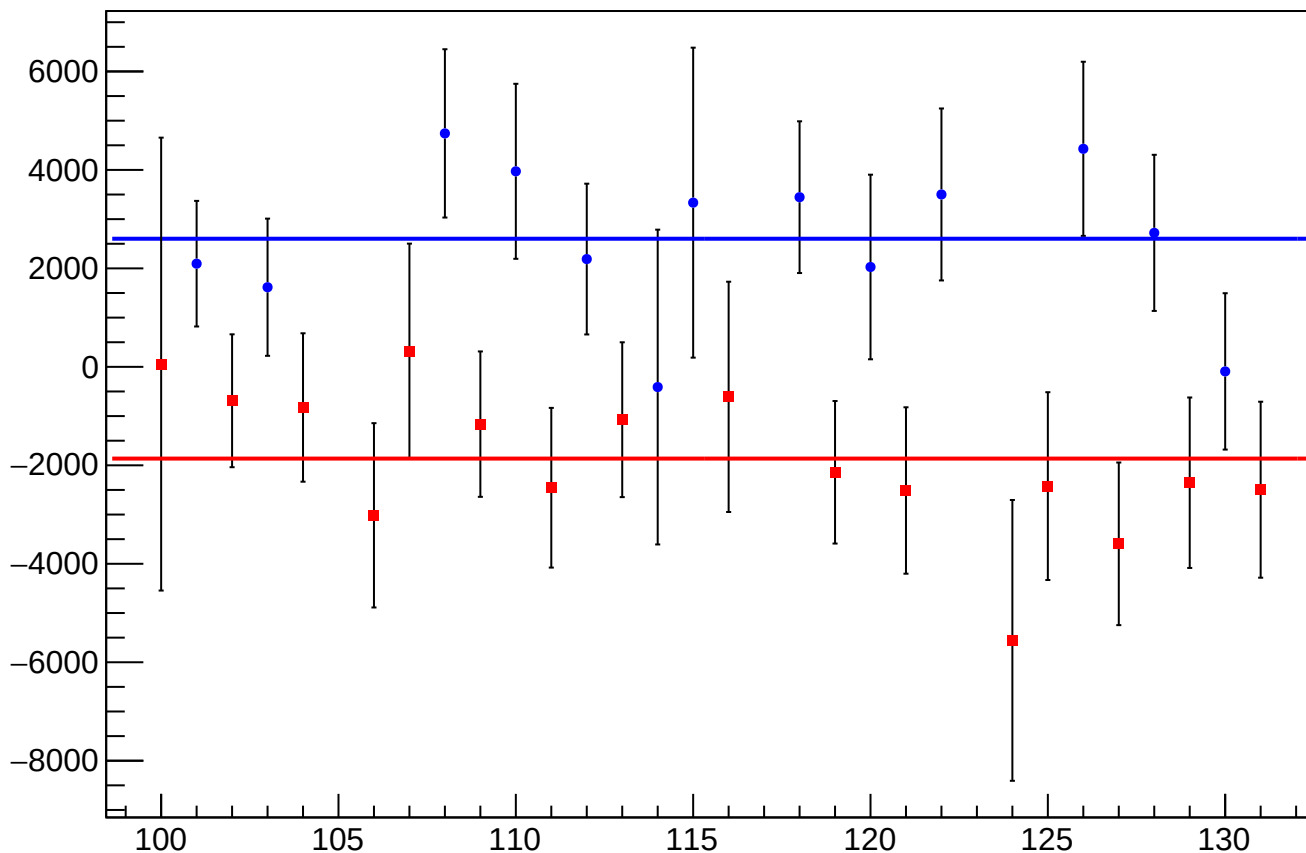
Right Out: 1724.970 $\pm$ 0.493 χ^2 /NDF: 314179.3/15

All: 1679.636 $\pm$ 0.353 χ^2 /NDF: 945440.2/28

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

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

cor_asym_usr_mean vs Slug



Right In: 2602.253+/-468.223 χ^2/NDF : 8.4/12

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

Right Out: -1863.154+/-438.702 χ^2/NDF : 6.9/15

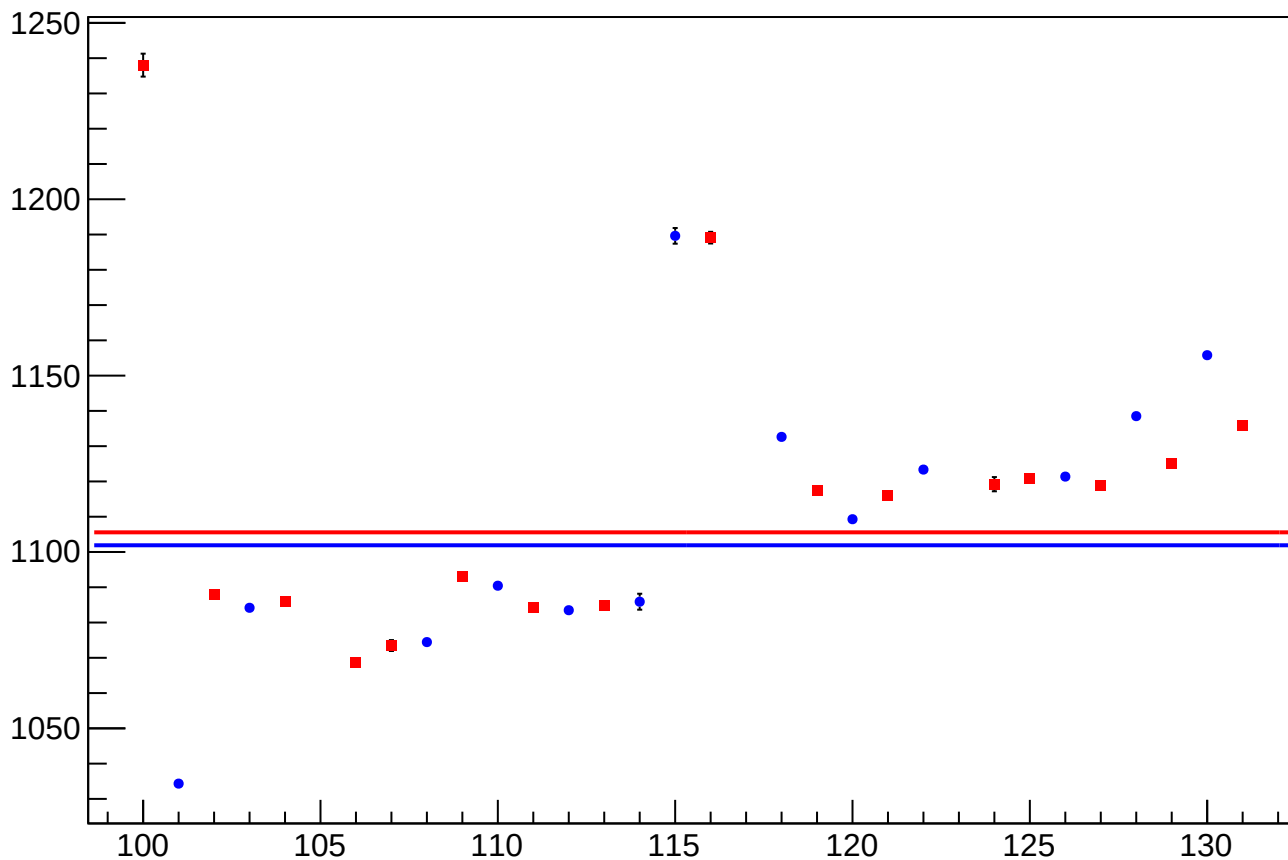
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 224.355+/-320.137 χ^2/NDF : 63.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_rms vs Slug



Right In: 1101.902+/-0.331 χ^2/NDF : 13168.0/12

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

Right Out: 1105.571+/-0.310 χ^2/NDF : 8280.4/15

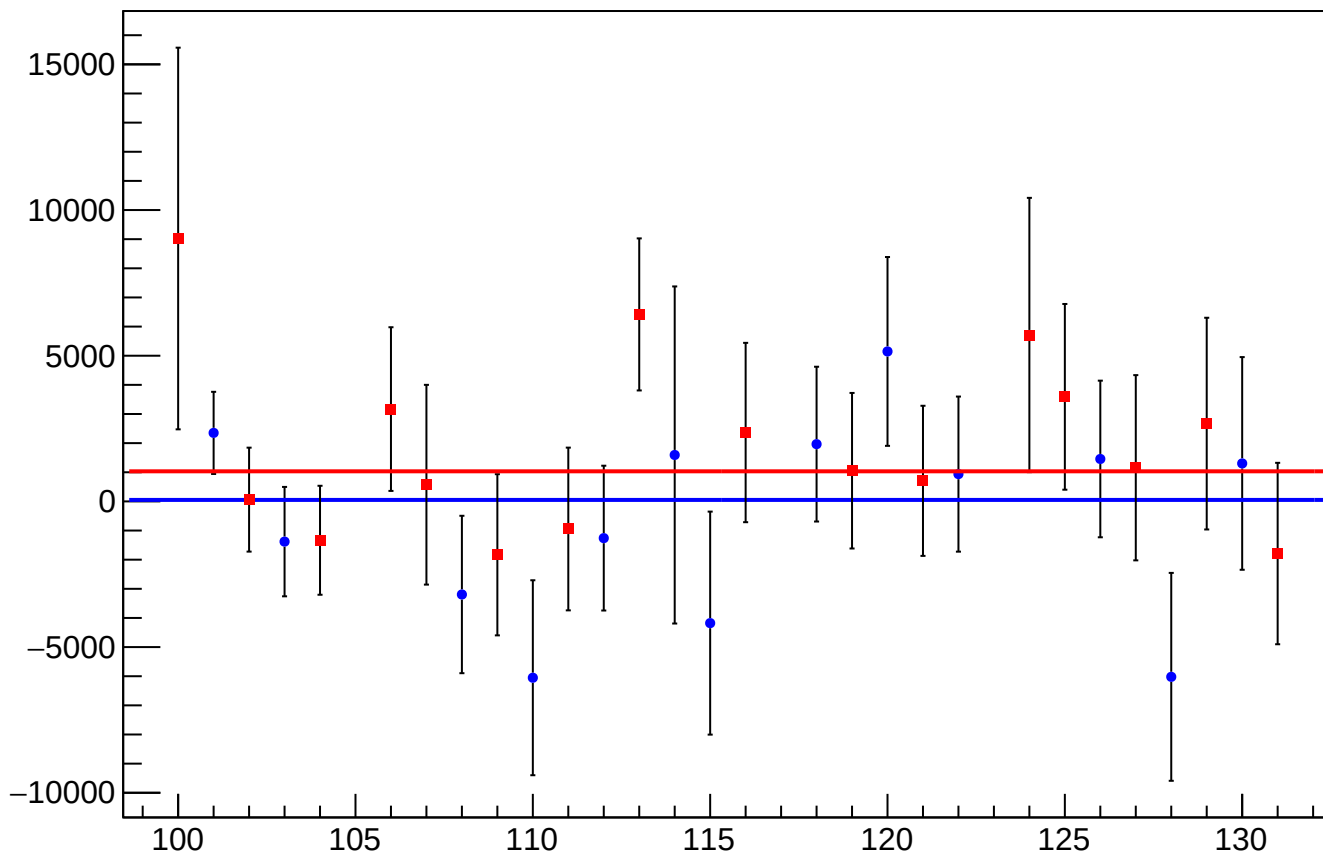
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1103.856+/-0.226 χ^2/NDF : 21513.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_cor_correction_mean vs Slug



Right In: 50.910 $\pm$ 717.281 χ^2 /NDF: 16.0/12

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

Right Out: 1032.839 $\pm$ 696.866 χ^2 /NDF: 12.7/15

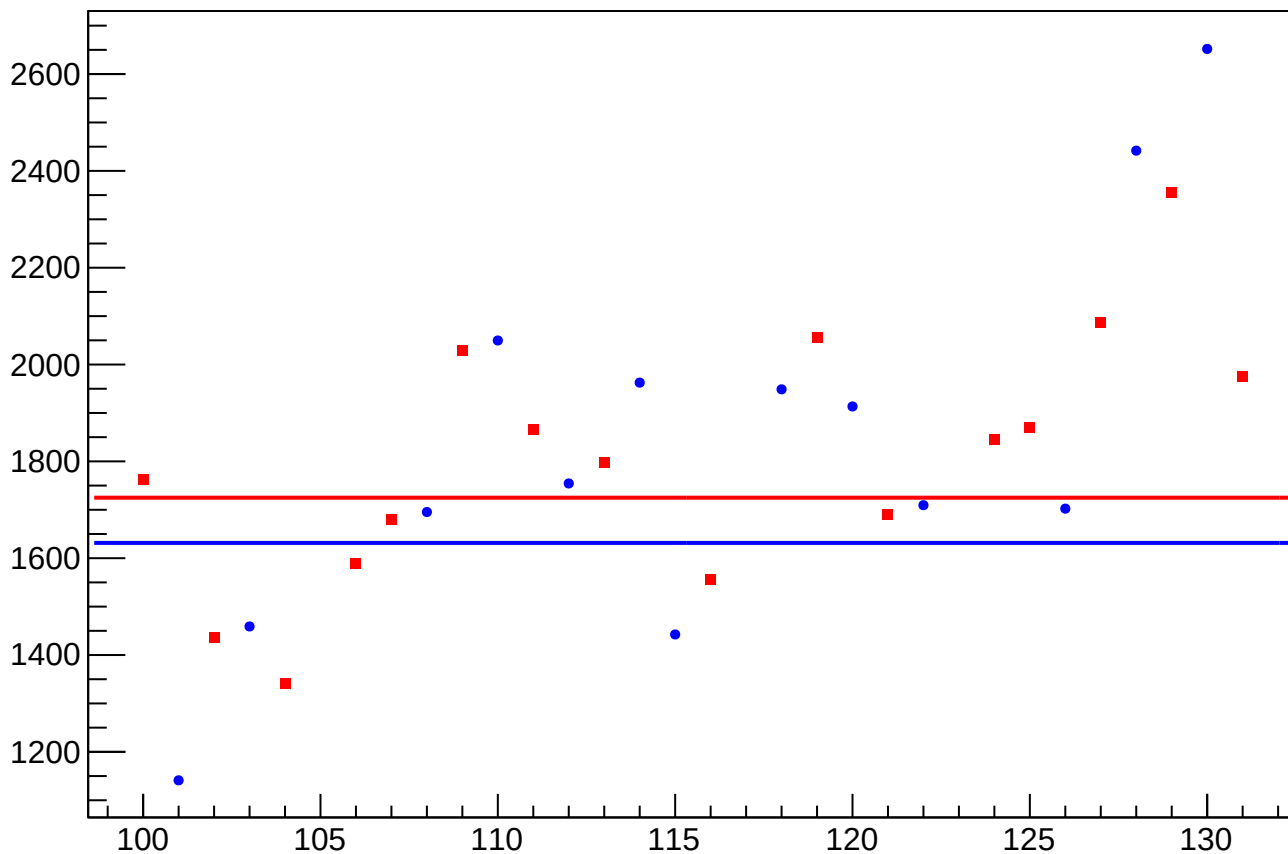
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 556.047 $\pm$ 499.820 χ^2 /NDF: 29.6/28

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

asym_usr_cor_correction_rms vs Slug



Right In: 1631.607 $\pm$ 0.507 χ^2 /NDF: 613829.7/12

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

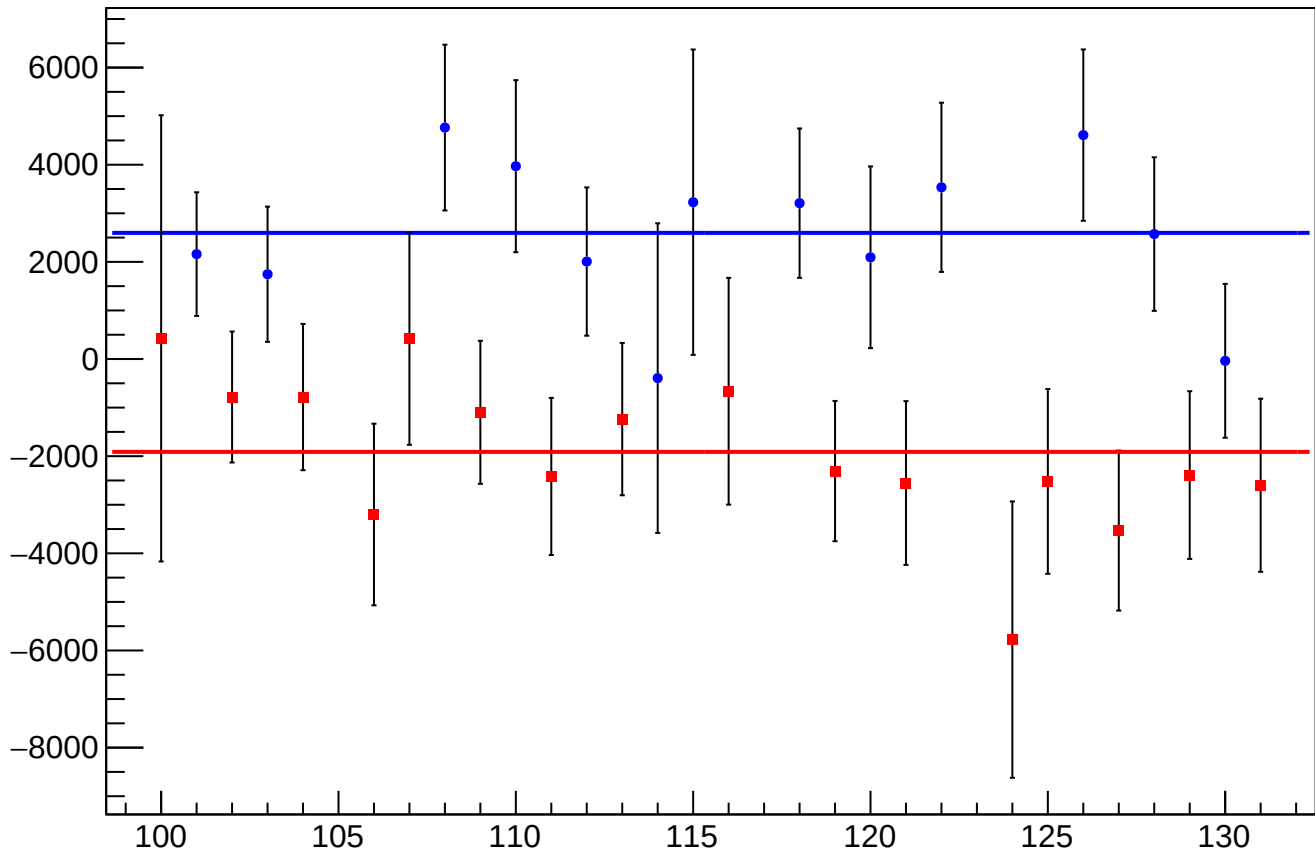
Right Out: 1724.970 $\pm$ 0.493 χ^2 /NDF: 314179.3/15

All: 1679.636 $\pm$ 0.353 χ^2 /NDF: 945440.2/28

- 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: 2597.159 $\pm$ 467.132 χ^2 /NDF: 8.4/12

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

Right Out: -1911.439 $\pm$ 437.685 χ^2 /NDF: 7.4/15

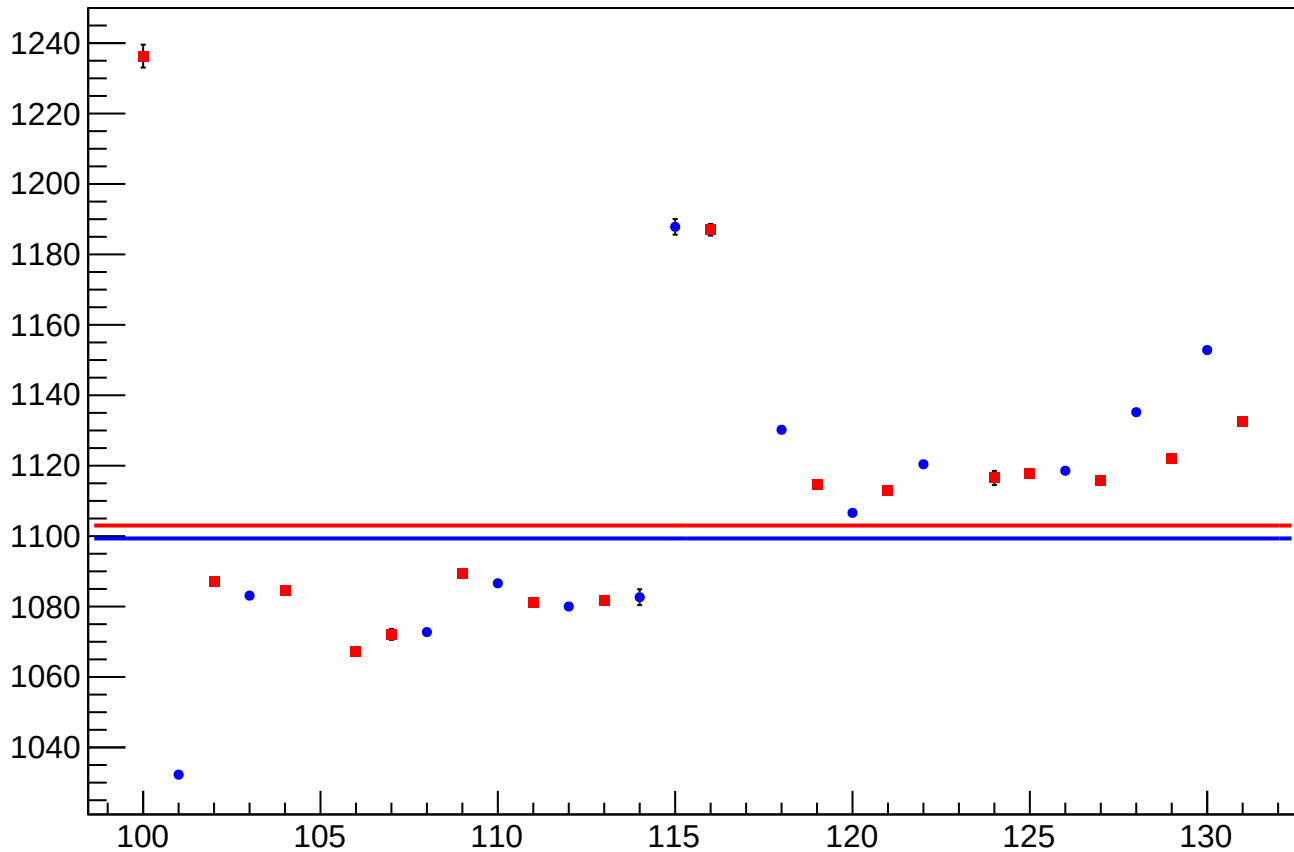
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

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

All: 196.283 $\pm$ 319.393 χ^2 /NDF: 65.3/28

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

overload_cor_asym_usr_rms vs Slug



Right In: 1099.339+/-0.330 χ^2/NDF : 13049.1/12

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

Right Out: 1103.011+/-0.309 χ^2/NDF : 8165.8/15

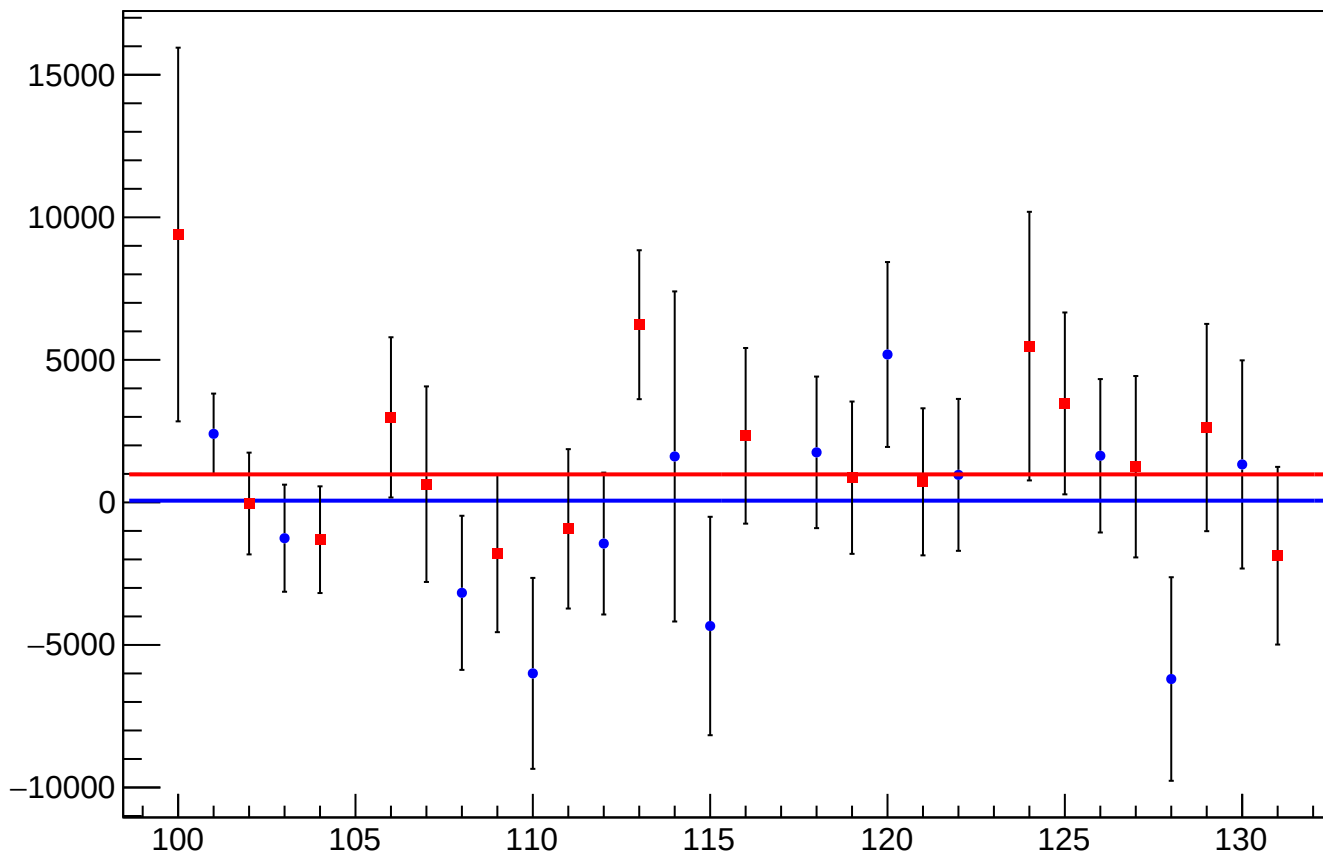
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1101.294+/-0.226 χ^2/NDF : 21280.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_overload_cor_correction_mean vs Slug



Right In: 61.196+/-718.038 χ^2/NDF : 16.3/12

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

Right Out: 983.308+/-697.448 χ^2/NDF : 12.3/15

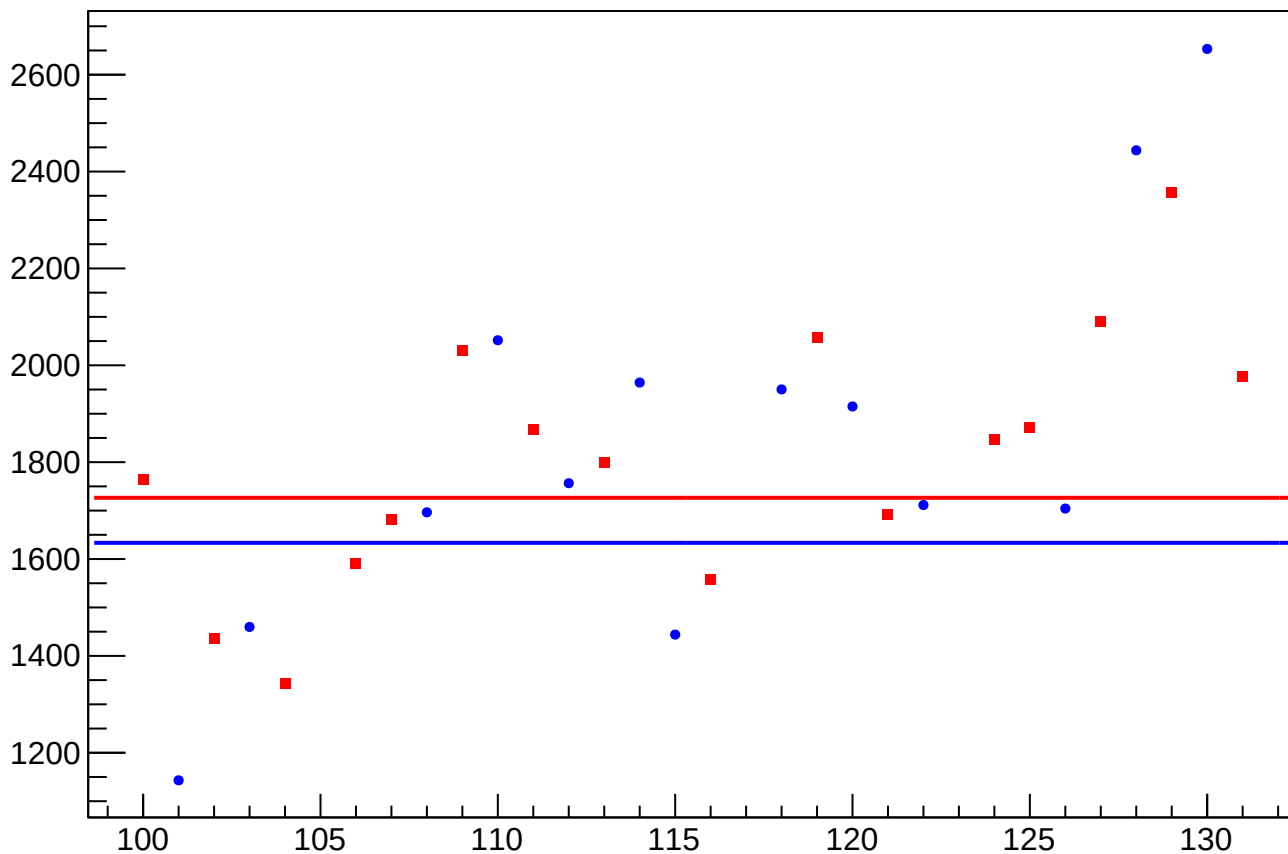
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 535.662+/-500.291 χ^2/NDF : 29.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_overload_cor_correction_rms vs Slug



Right In: 1633.454+/-0.508 χ^2/NDF : 612511.7/12

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

Right Out: 1726.415+/-0.493 χ^2/NDF : 314401.2/15

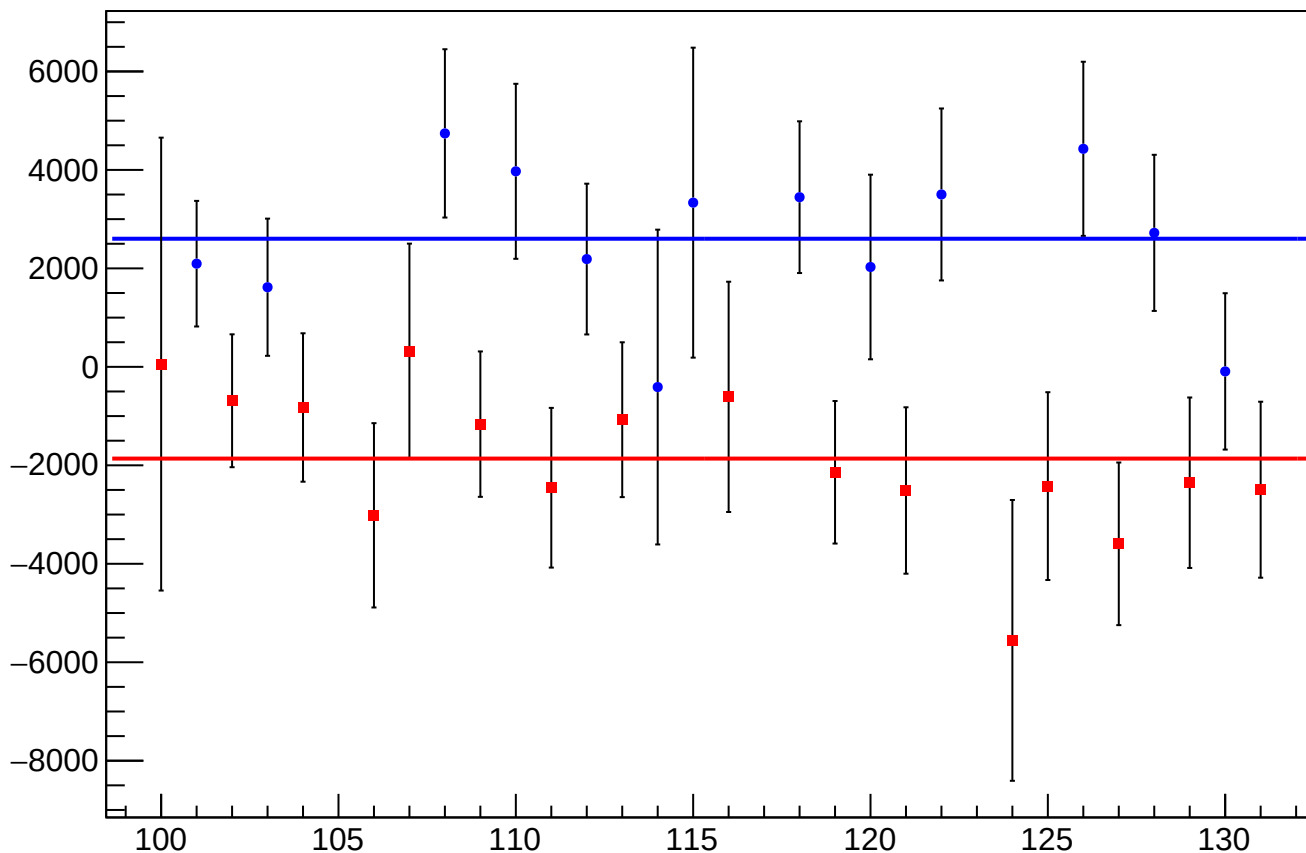
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1681.287+/-0.354 χ^2/NDF : 944161.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_mean vs Slug



Right In: 2602.253+/-468.223 χ^2/NDF : 8.4/12

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

Right Out: -1863.154+/-438.702 χ^2/NDF : 6.9/15

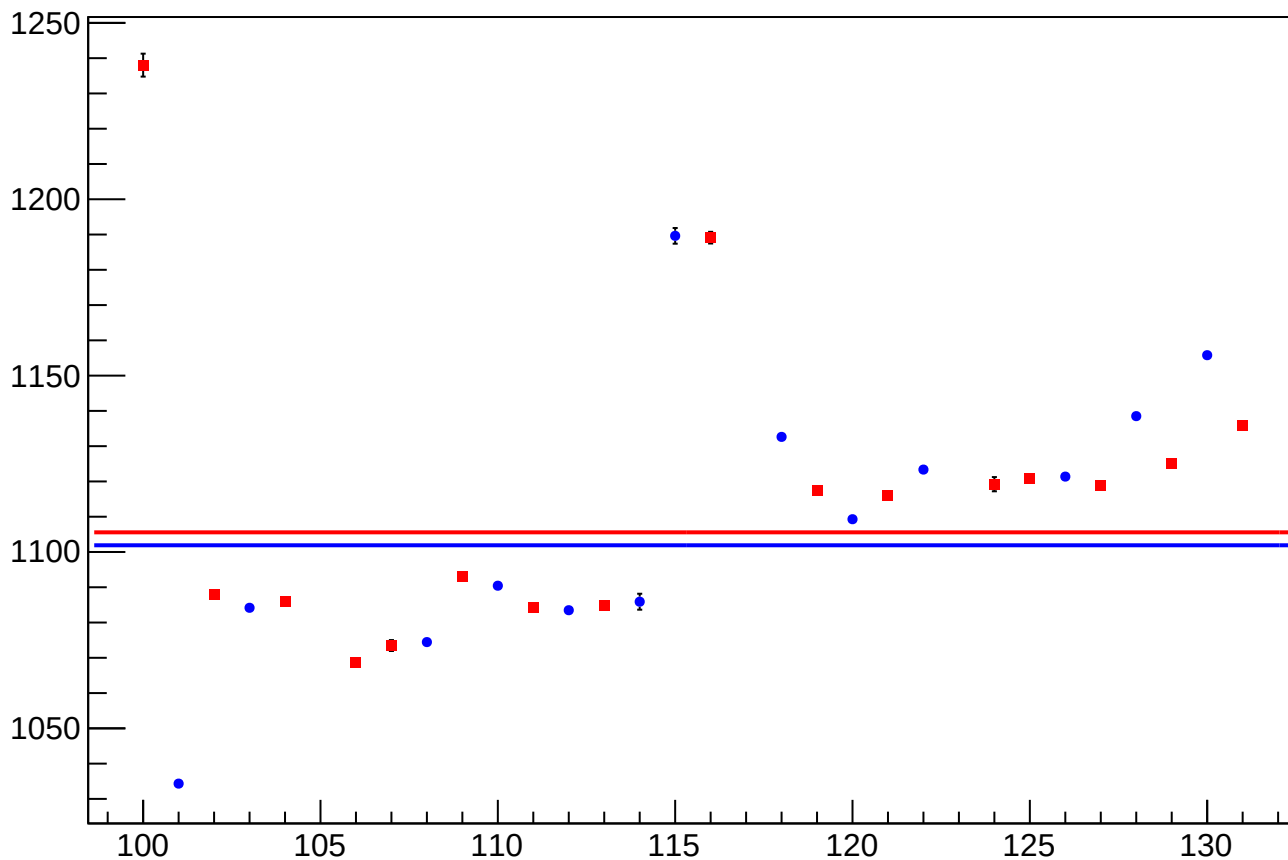
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 224.355+/-320.137 χ^2/NDF : 63.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_rms vs Slug



Right In: 1101.902+/-0.331 χ^2 /NDF: 13168.0/12

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

Right Out: 1105.571+/-0.310 χ^2 /NDF: 8280.4/15

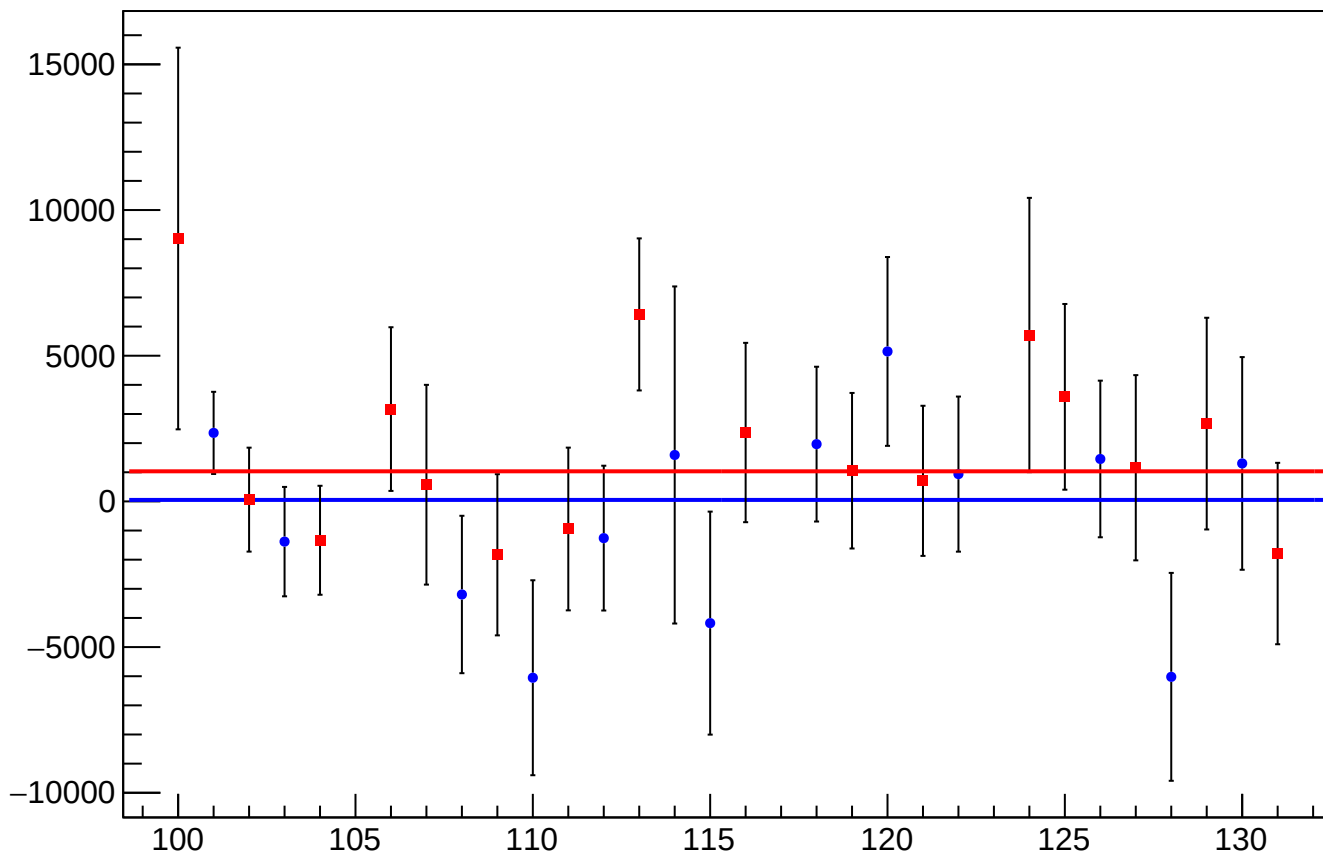
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1103.856+/-0.226 χ^2 /NDF: 21513.9/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_eigen_cor_correction_mean vs Slug



Right In: 50.910 $\pm$ 717.281 χ^2 /NDF: 16.0/12

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

Right Out: 1032.839 $\pm$ 696.866 χ^2 /NDF: 12.7/15

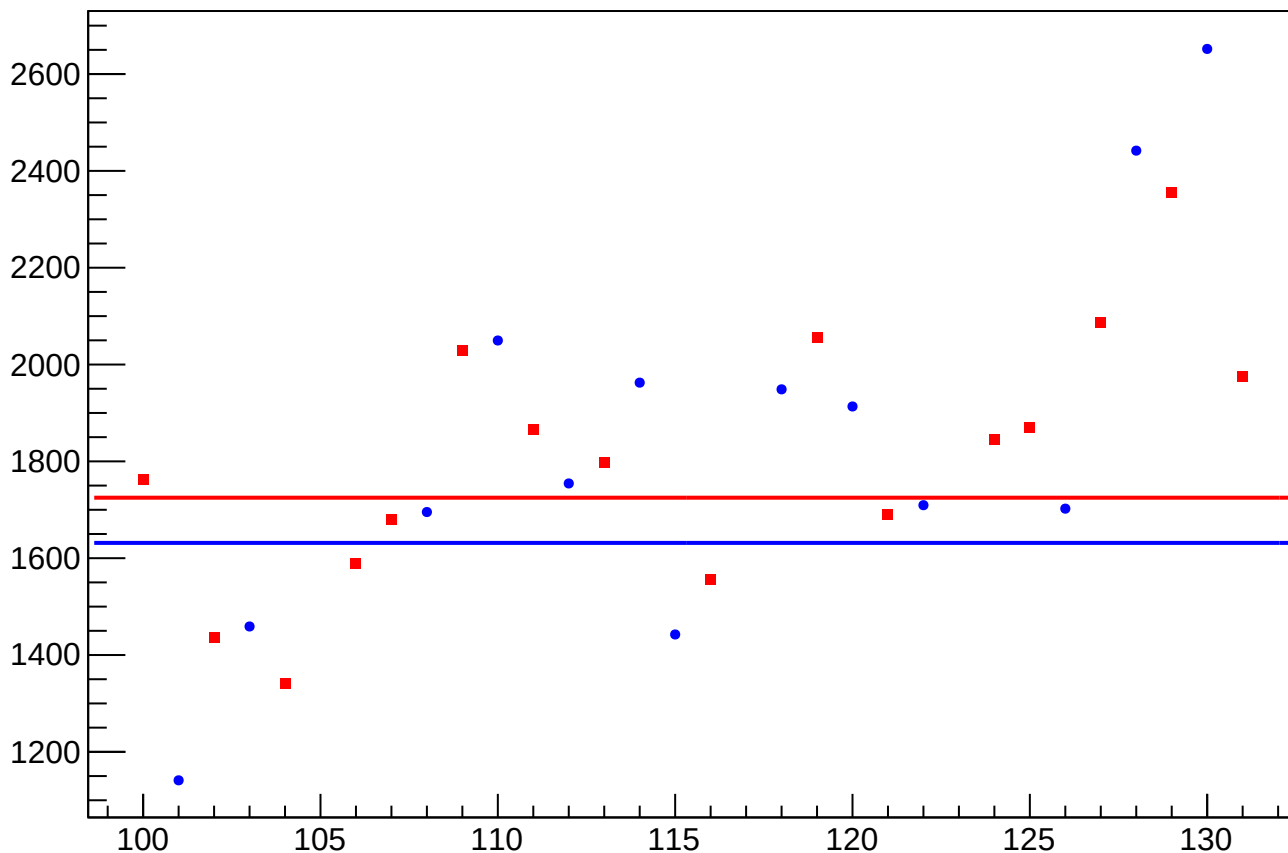
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 556.047 $\pm$ 499.820 χ^2 /NDF: 29.6/28

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

asym_usr_eigen_cor_correction_rms vs Slug



Right In: 1631.607 $\pm$ 0.507 χ^2 /NDF: 613829.7/12

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

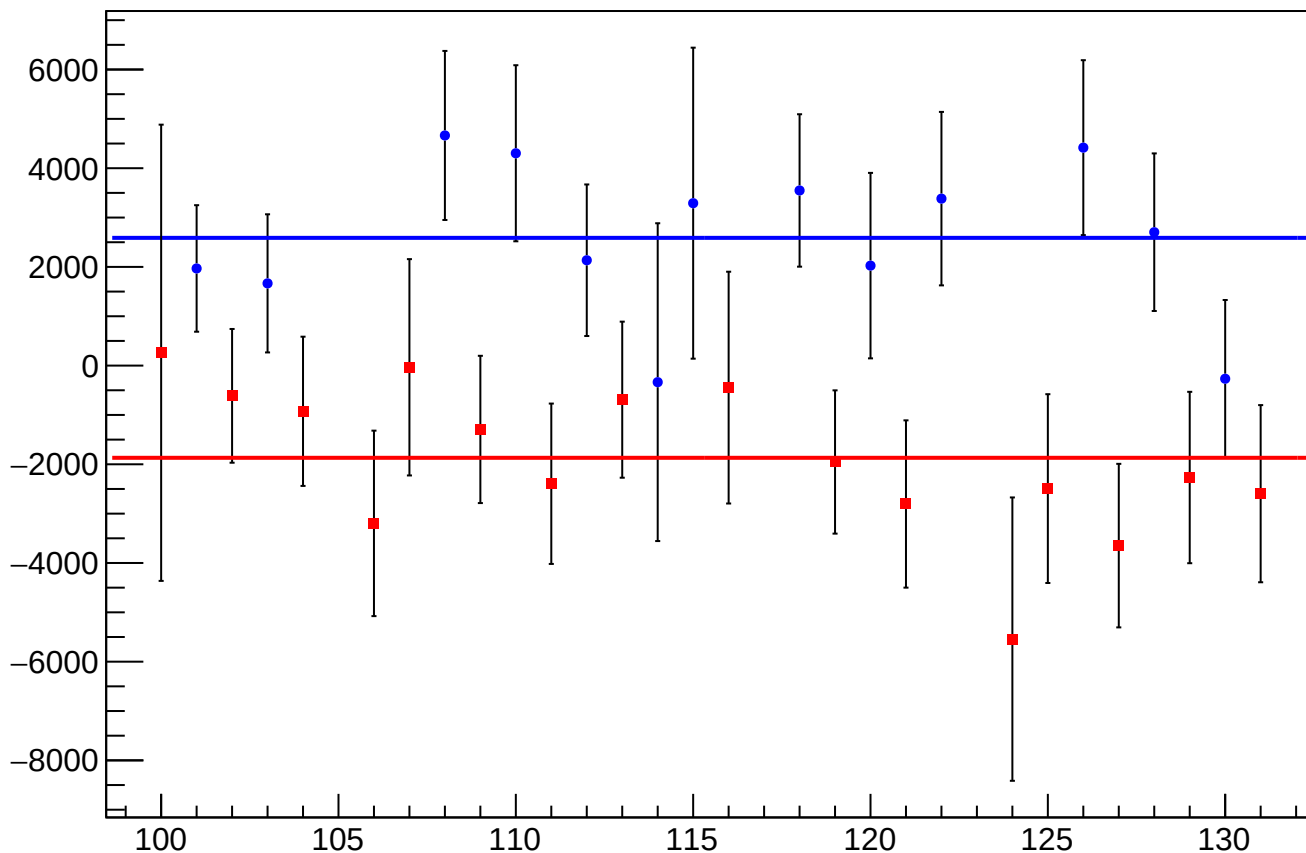
Right Out: 1724.970 $\pm$ 0.493 χ^2 /NDF: 314179.3/15

All: 1679.636 $\pm$ 0.353 χ^2 /NDF: 945440.2/28

- 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_usr_mean vs Slug



Right In: 2588.817 $\pm$ 470.150 χ^2 /NDF: 9.0/12

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

Right Out: -1868.534 $\pm$ 440.559 χ^2 /NDF: 7.3/15

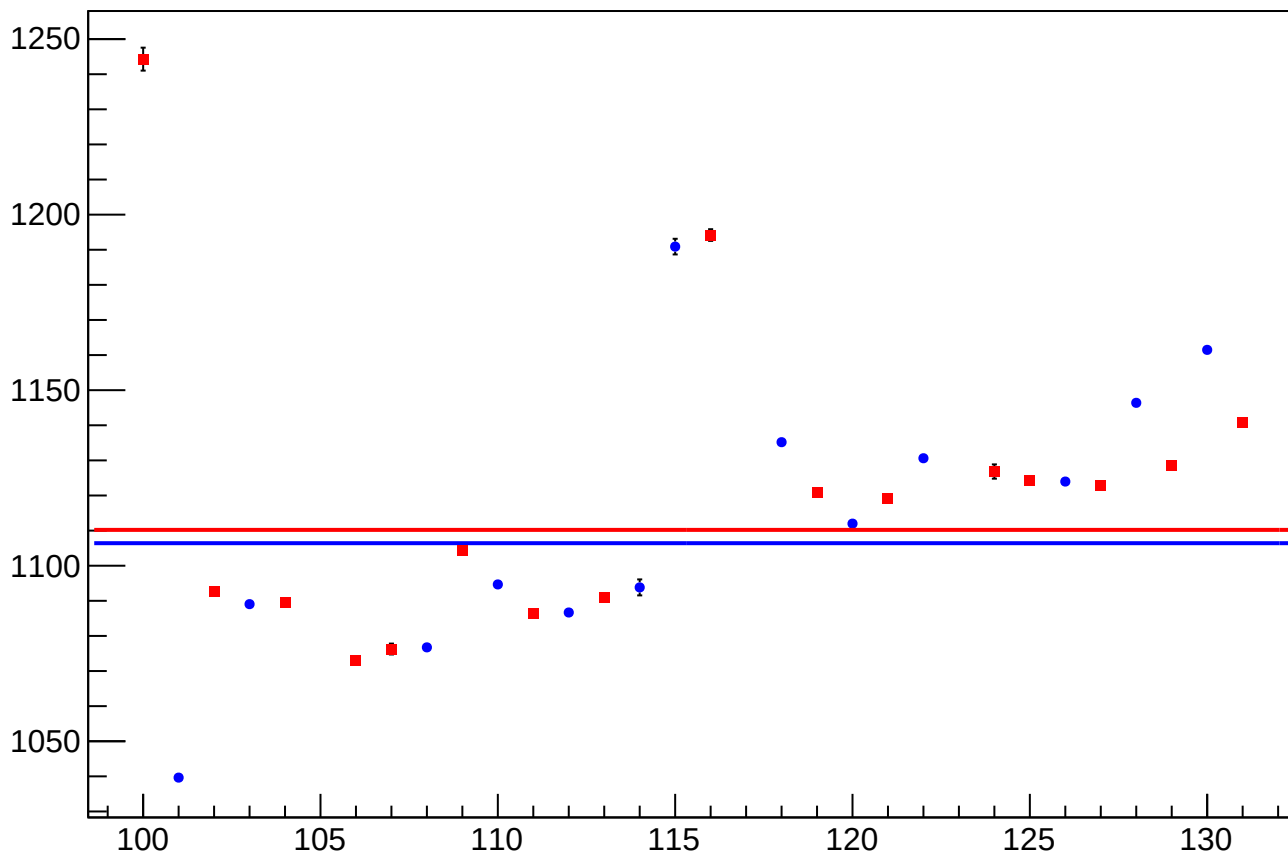
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 215.466 $\pm$ 321.475 χ^2 /NDF: 64.1/28

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

dit_asym_usr_rms vs Slug



Right In: 1106.416 ± 0.332 χ^2/NDF : 13140.5/12

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

Right Out: 1110.205 ± 0.312 χ^2/NDF : 8243.4/15

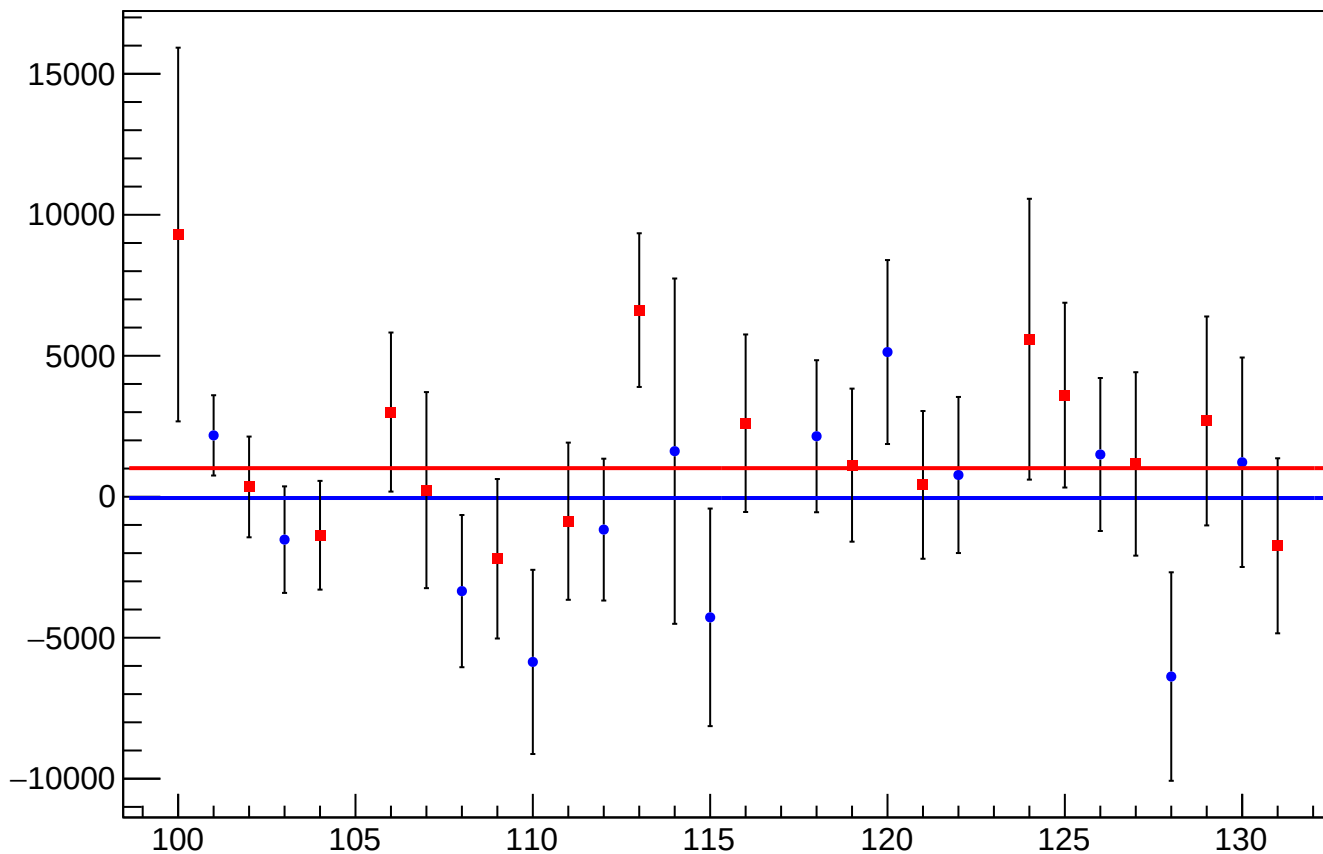
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1108.433 ± 0.227 χ^2/NDF : 21453.1/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usr_dit_correction_mean vs Slug



Right In: -44.829 ± 725.503 χ^2/NDF : 15.8/12

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

Right Out: 1014.432 ± 709.128 χ^2/NDF : 12.5/15

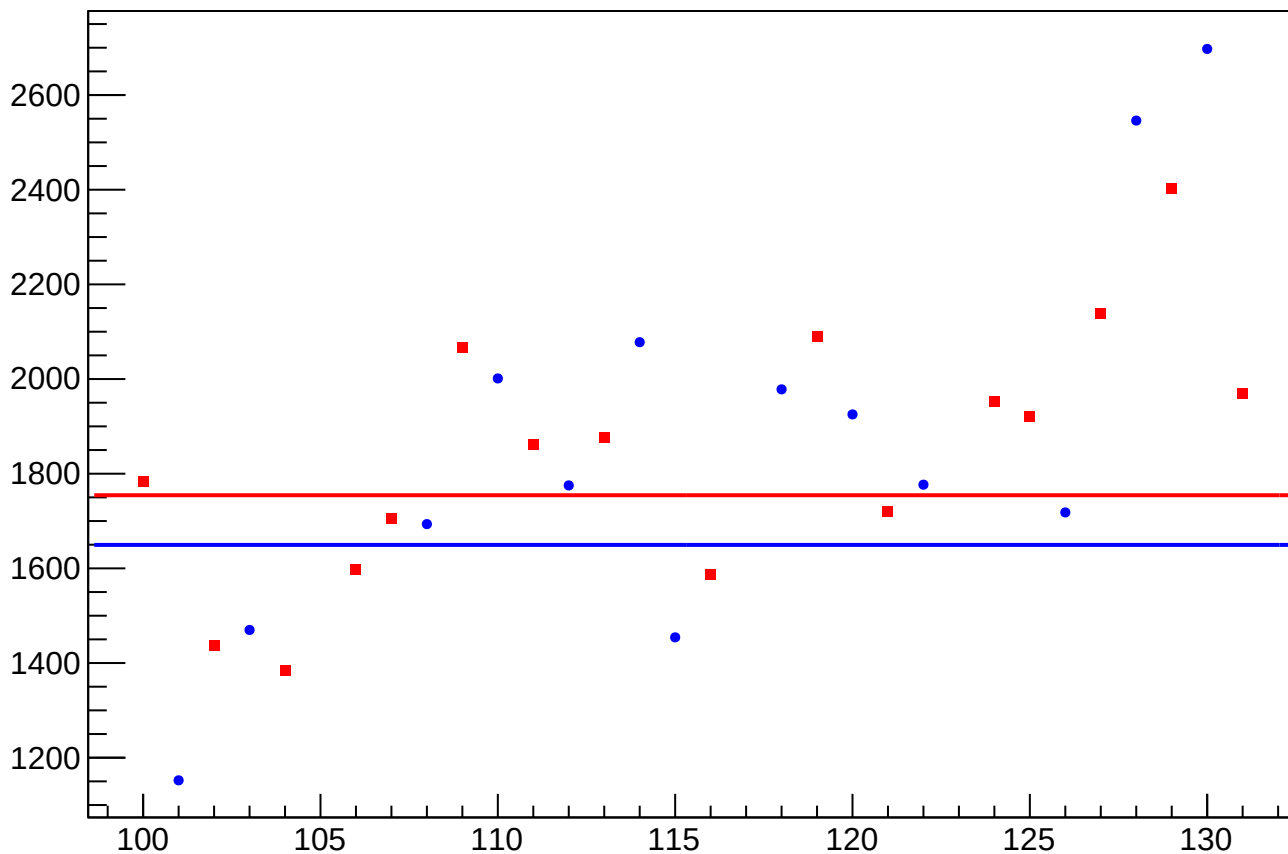
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 496.891 ± 507.119 χ^2/NDF : 29.4/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usr_dit_correction_rms vs Slug



Right In: 1649.569+/-0.513 χ^2/NDF : 632054.0/12

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

Right Out: 1754.517+/-0.501 χ^2/NDF : 318410.2/15

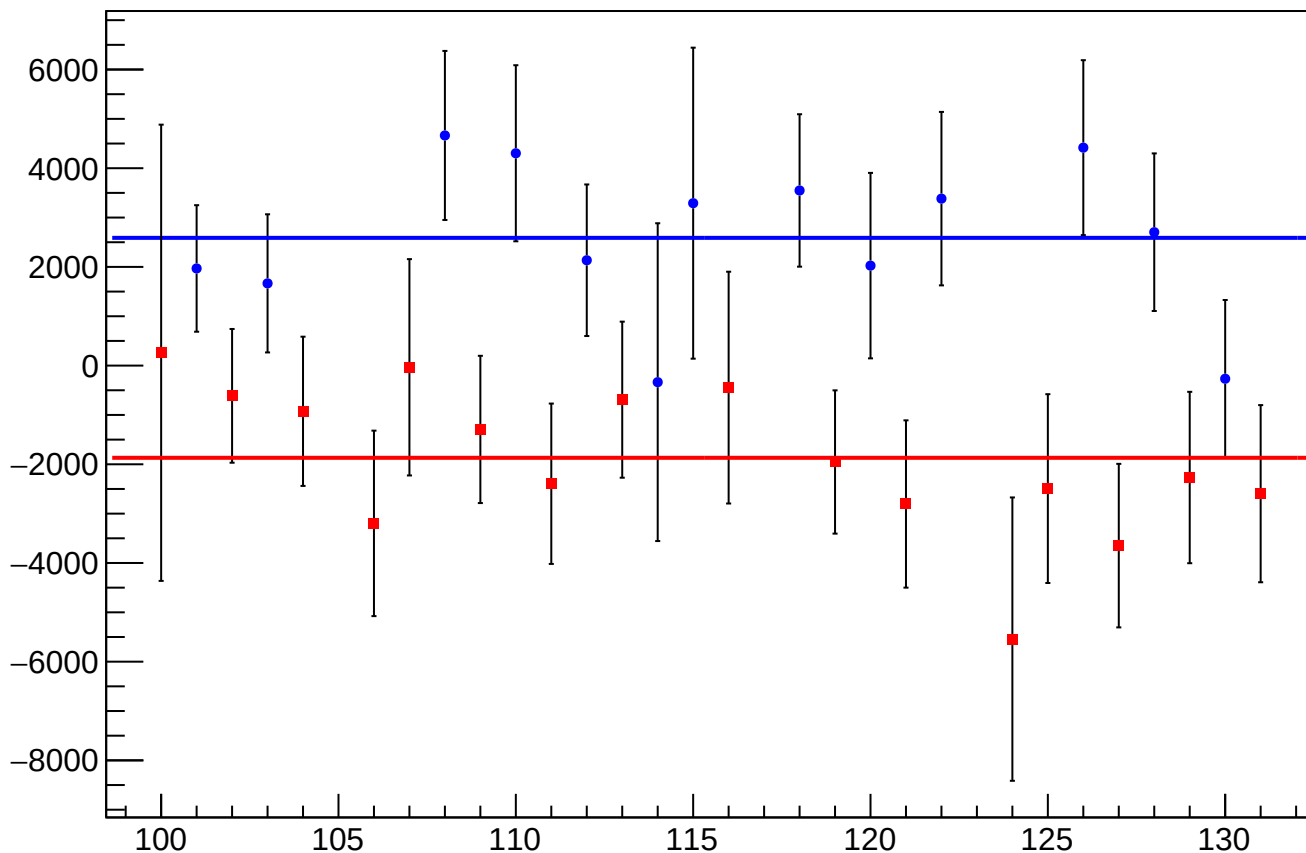
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1703.241+/-0.359 χ^2/NDF : 971867.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_mean vs Slug



Right In: 2588.821 $\pm$ 470.150 χ^2 /NDF: 9.0/12

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

Right Out: -1868.538 $\pm$ 440.559 χ^2 /NDF: 7.3/15

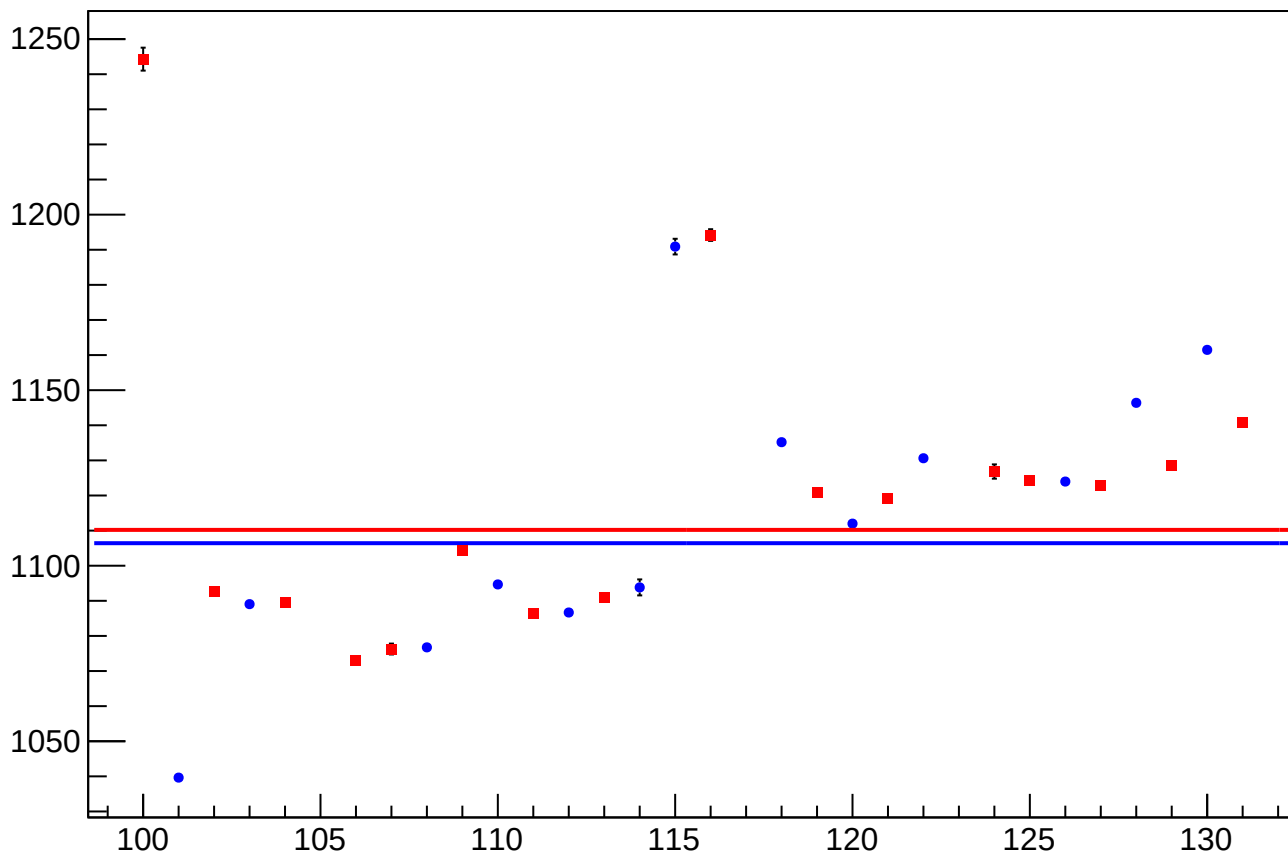
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 215.465 $\pm$ 321.474 χ^2 /NDF: 64.1/28

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

eigen_dit_asym_usr_rms vs Slug



Right In: 1106.416 ± 0.332 χ^2/NDF : 13140.4/12

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

Right Out: 1110.205 ± 0.312 χ^2/NDF : 8243.4/15

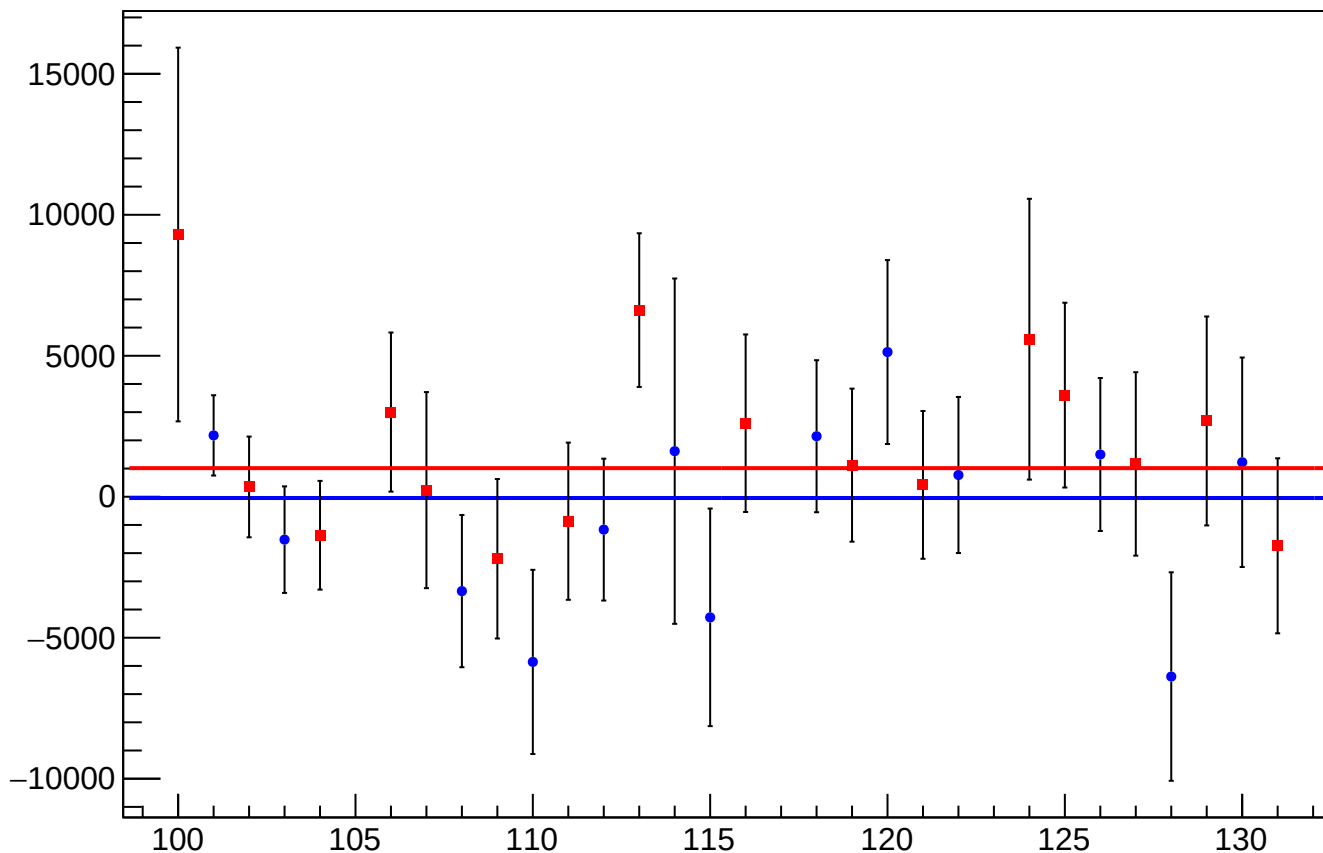
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1108.433 ± 0.227 χ^2/NDF : 21453.0/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_dit_correction_mean vs Slug



Right In: -44.829+/-725.501 χ^2/NDF : 15.8/12

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

Right Out: 1014.434+/-709.127 χ^2/NDF : 12.5/15

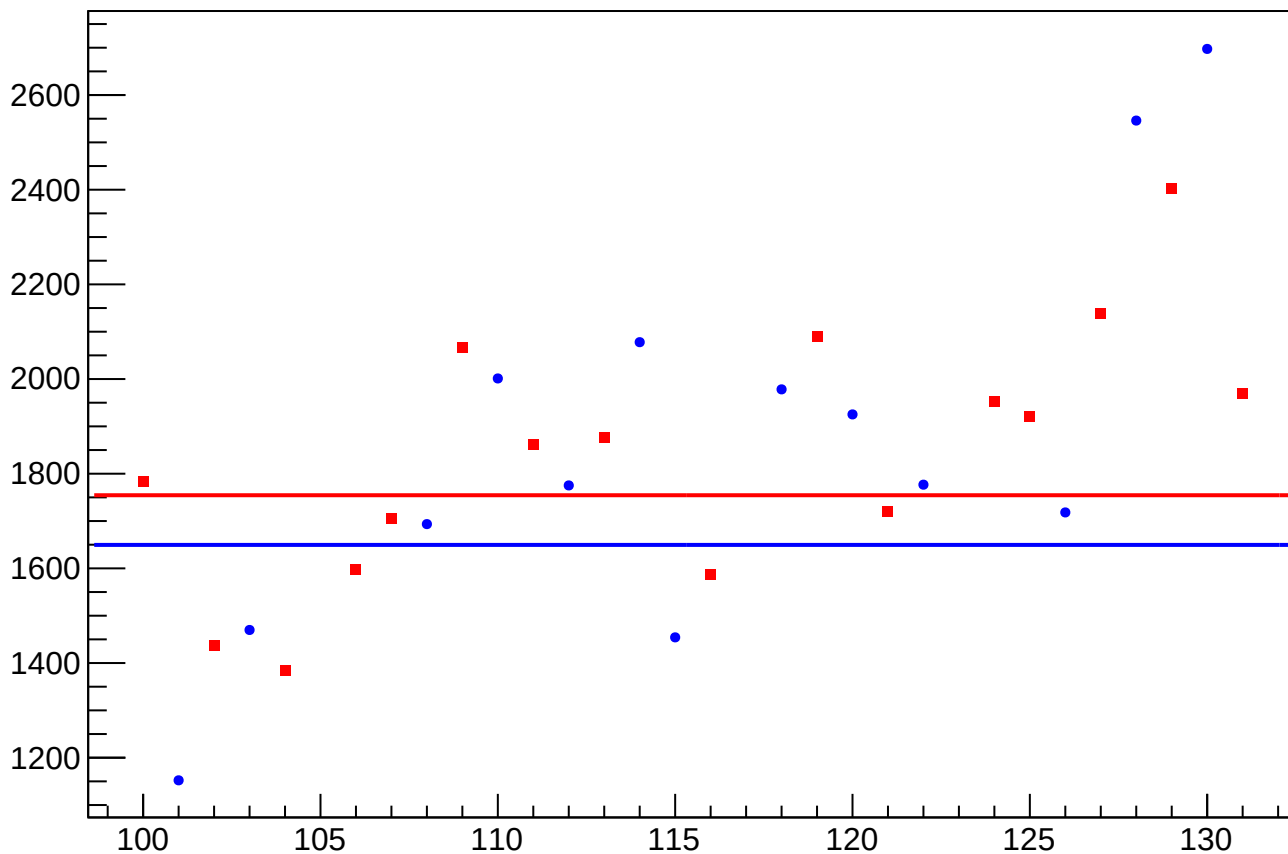
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 496.891+/-507.118 χ^2/NDF : 29.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_dit_correction_rms vs Slug



Right In: 1649.565+/-0.513 χ^2/NDF : 632043.1/12

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

Right Out: 1754.515+/-0.501 χ^2/NDF : 318399.6/15

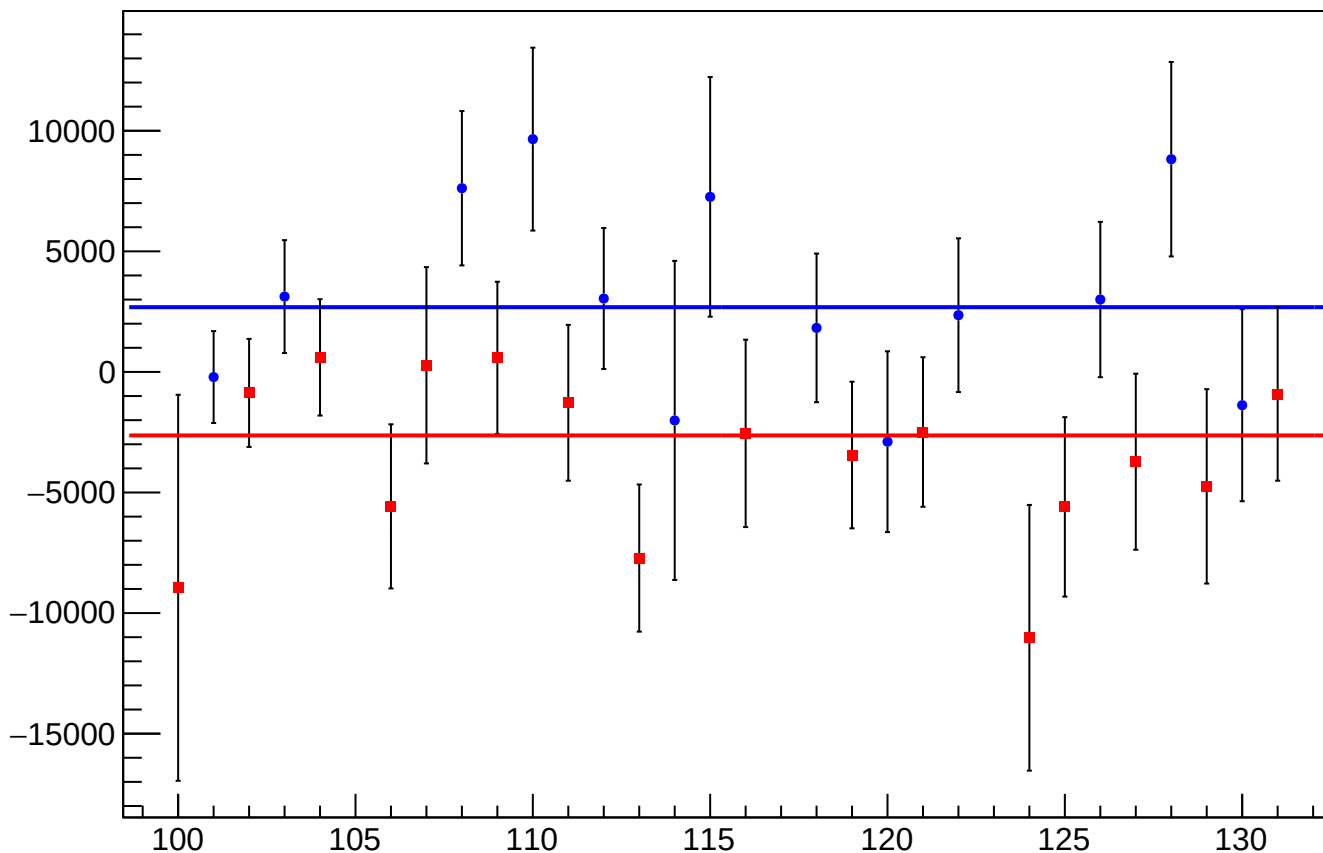
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1703.238+/-0.359 χ^2/NDF : 971846.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_mean vs Slug



Right In: 2684.915 $\pm$ 876.634 χ^2 /NDF: 15.1/12

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

Right Out: -2633.409 $\pm$ 834.926 χ^2 /NDF: 11.9/15

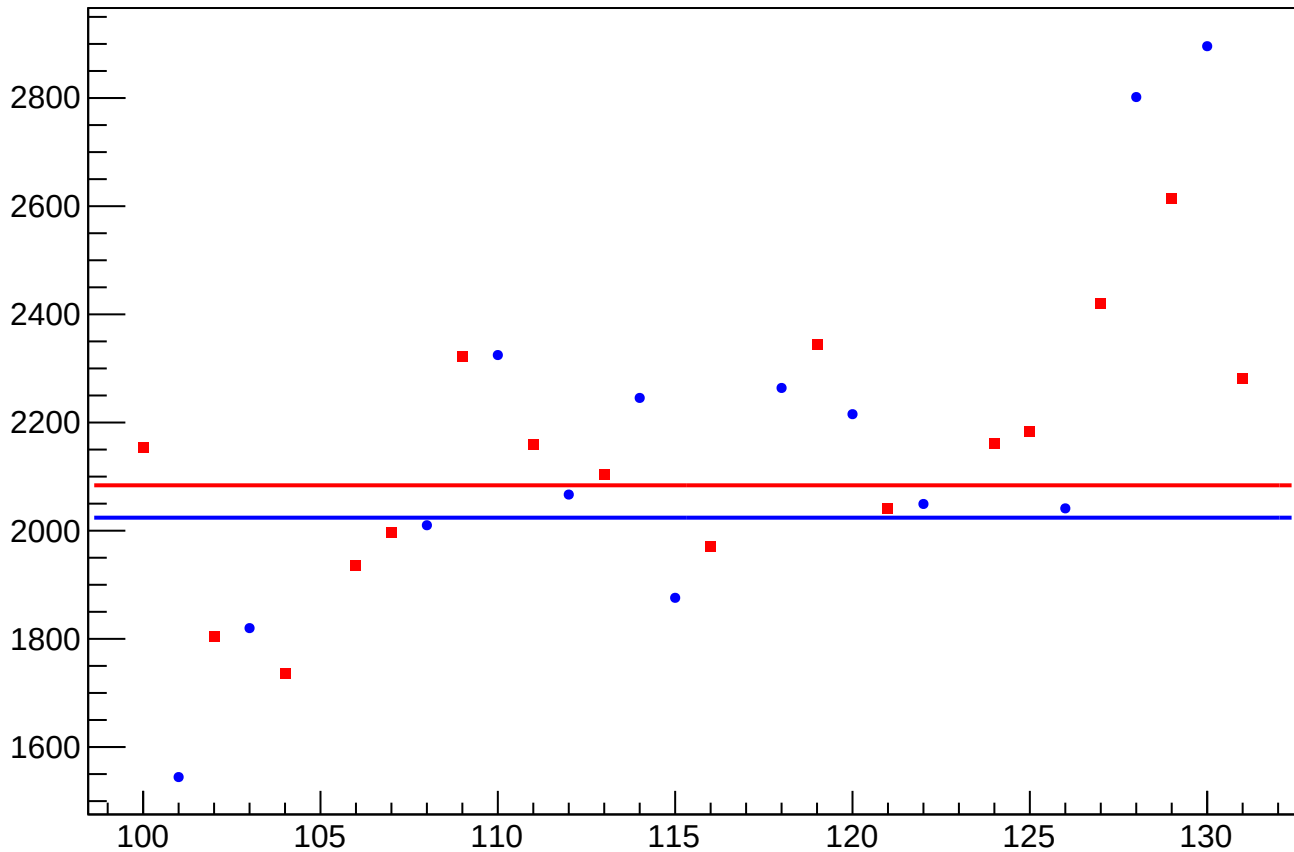
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -103.768 $\pm$ 604.589 χ^2 /NDF: 46.3/28

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

asym_usr_rms vs Slug



Right In: 2024.078+/-0.620 χ^2/NDF : 346722.9/12

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

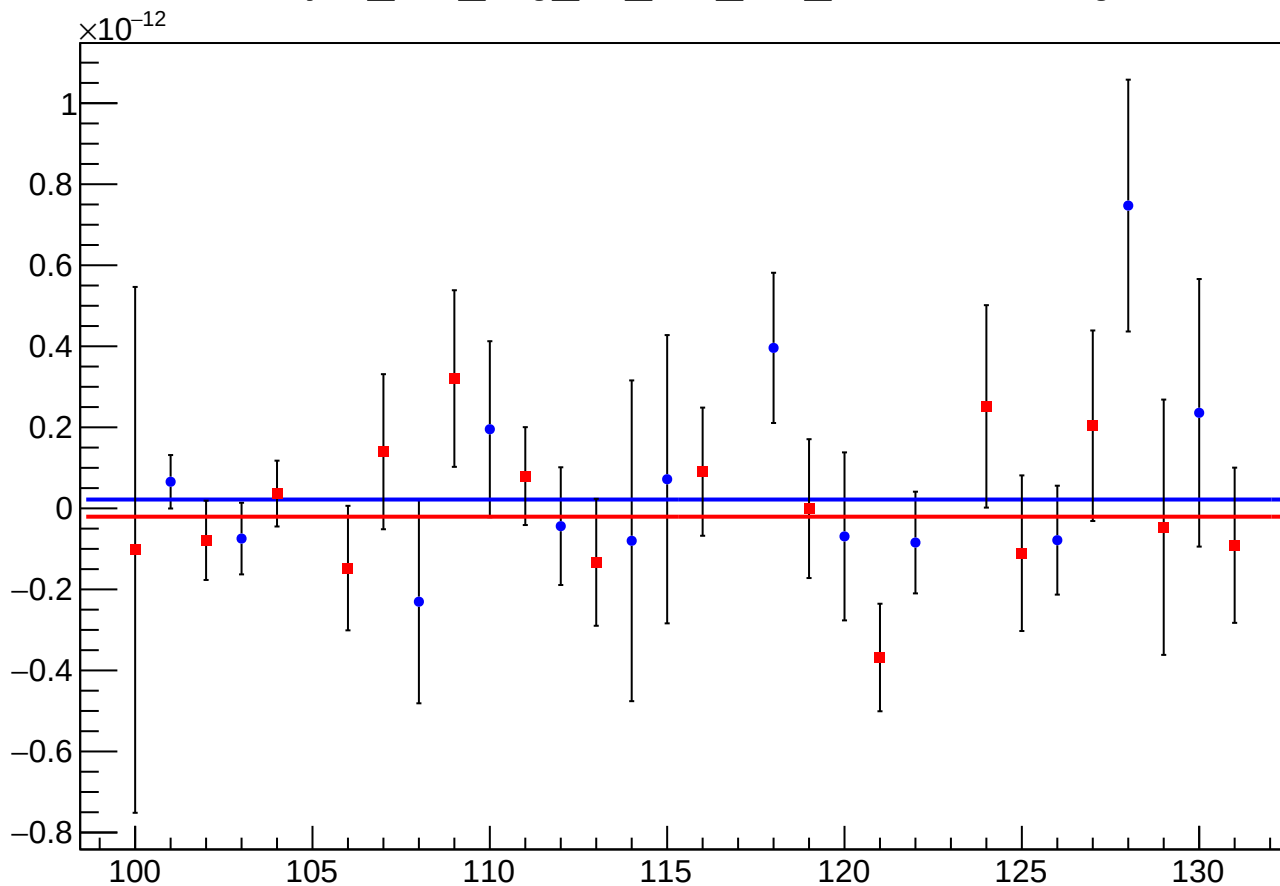
Right Out: 2083.911+/-0.590 χ^2/NDF : 166474.9/15

All: 2055.452+/-0.428 χ^2/NDF : 518083.4/28

- 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: 15.0/12

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.7/15

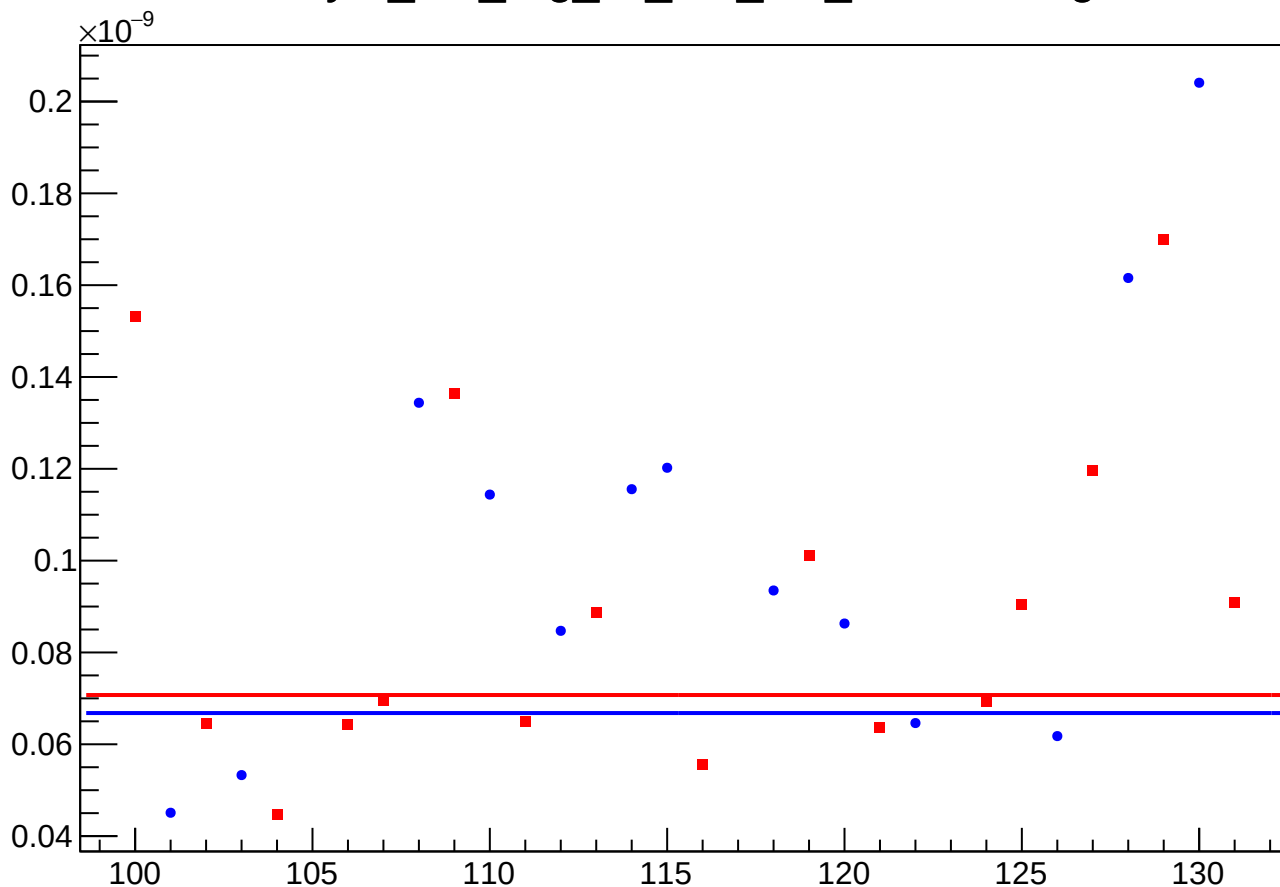
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 31.3/28

- 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+/-0.000 χ^2/NDF : 1204822.7/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 877471.4/15

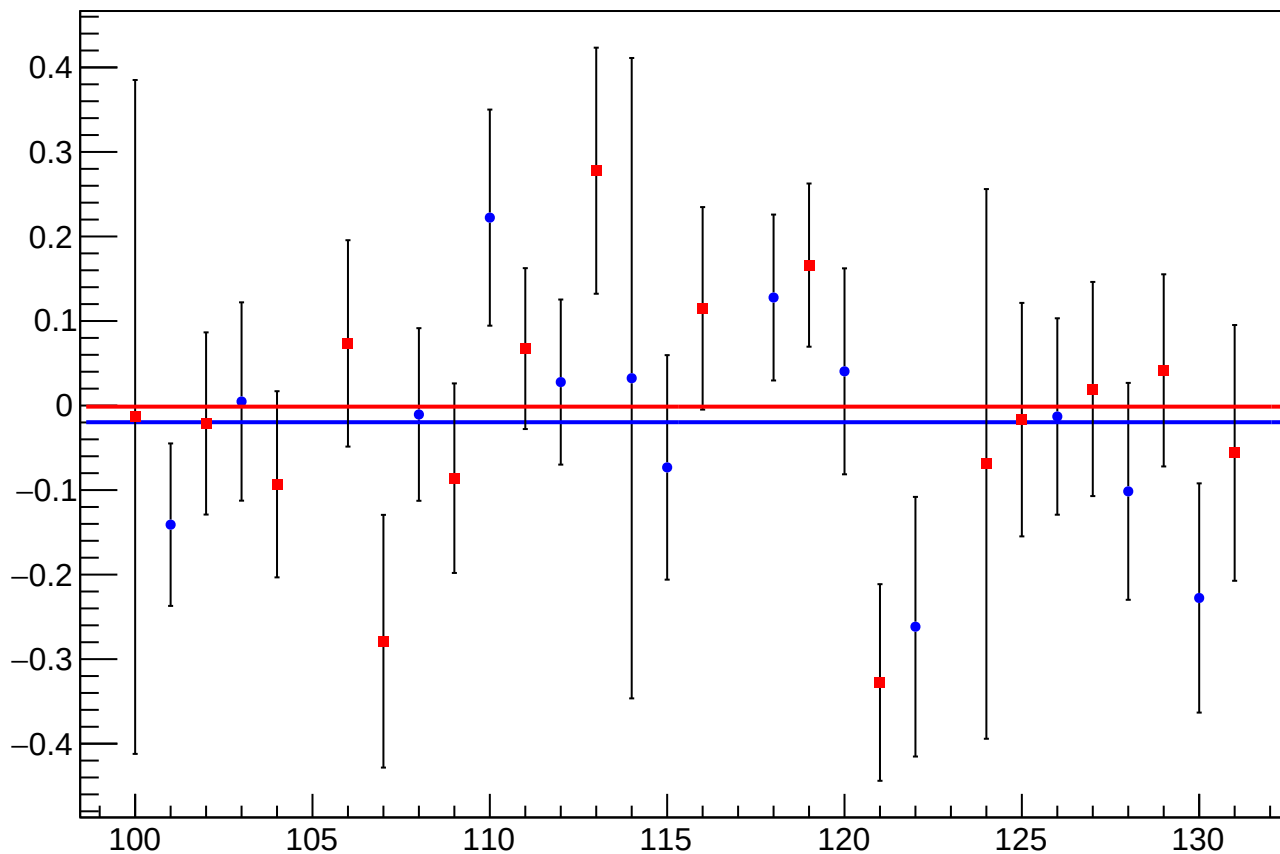
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2092581.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_dit_vs_cor_diff_mean vs Slug



Right In: -0.020 ± 0.033 $\chi^2/\text{NDF}: 13.4/12$

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

Right Out: -0.001 ± 0.031 $\chi^2/\text{NDF}: 21.5/15$

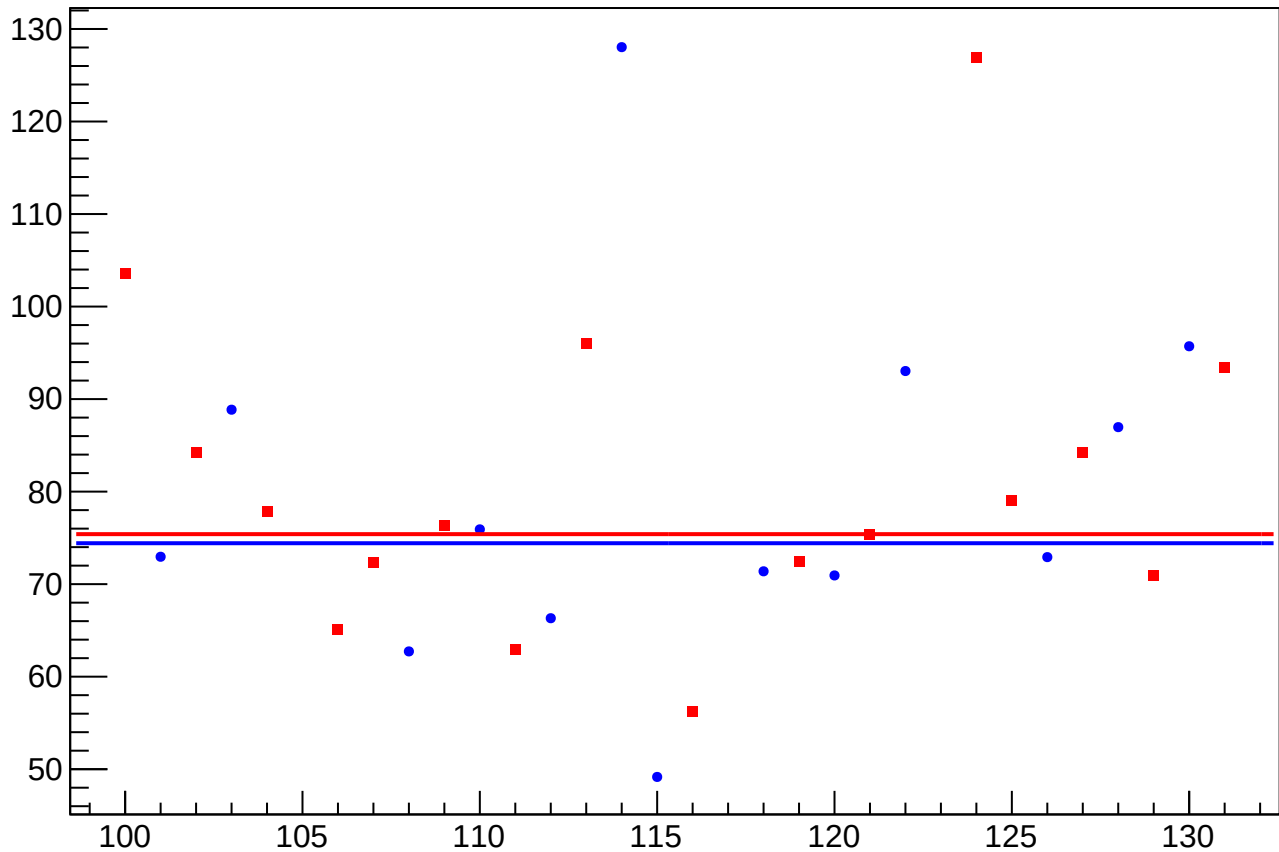
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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

All: -0.010 ± 0.023 $\chi^2/\text{NDF}: 35.1/28$

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

asym_usr_dit_vs_cor_diff_rms vs Slug



Right In: 74.423+/-0.023 χ^2/NDF : 285101.5/12

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

Right Out: 75.404+/-0.022 χ^2/NDF : 260147.0/15

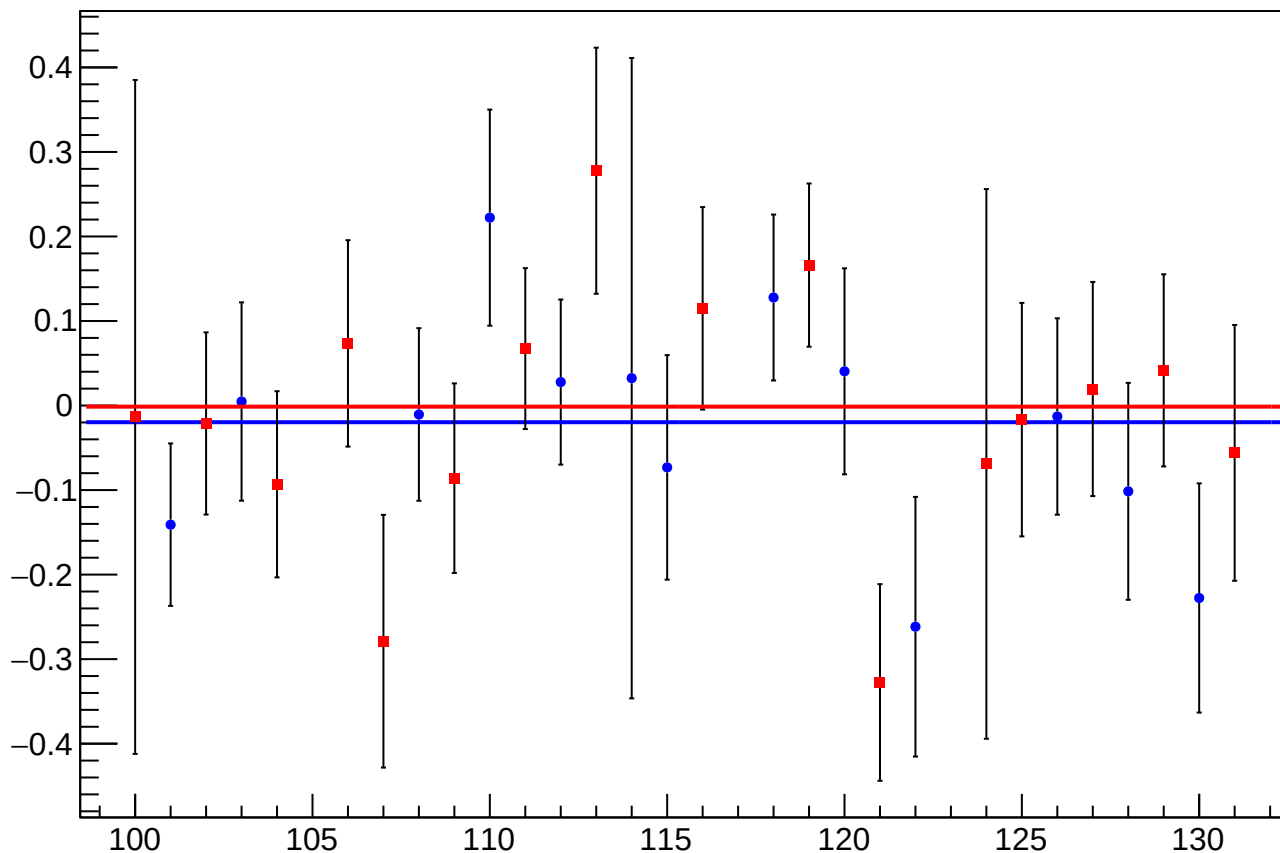
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.942+/-0.016 χ^2/NDF : 546174.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.020 ± 0.033 χ^2/NDF : 13.4/12

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

Right Out: -0.001 ± 0.031 χ^2/NDF : 21.5/15

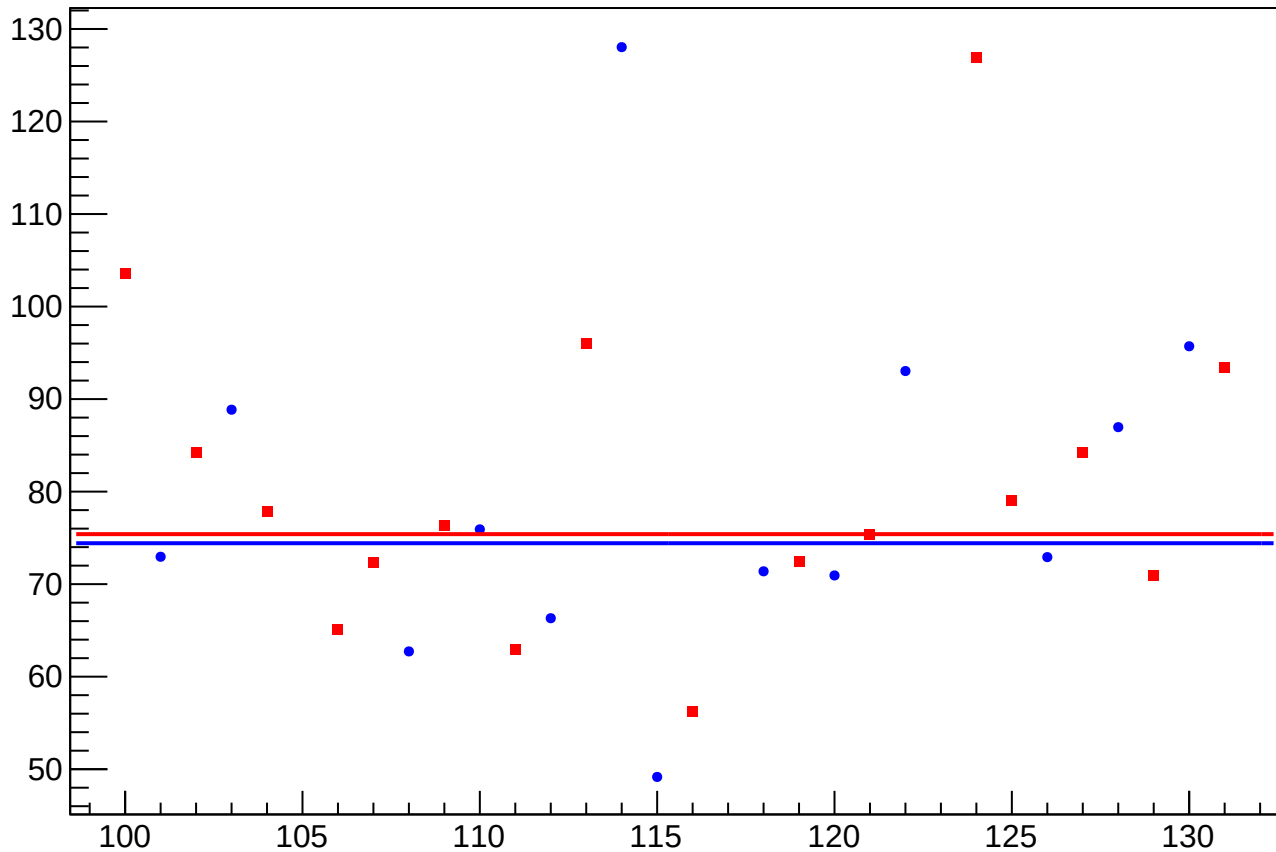
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.023 χ^2/NDF : 35.1/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usr_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 74.423 ± 0.023 χ^2/NDF : 285101.5/12

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

Right Out: 75.404 ± 0.022 χ^2/NDF : 260147.0/15

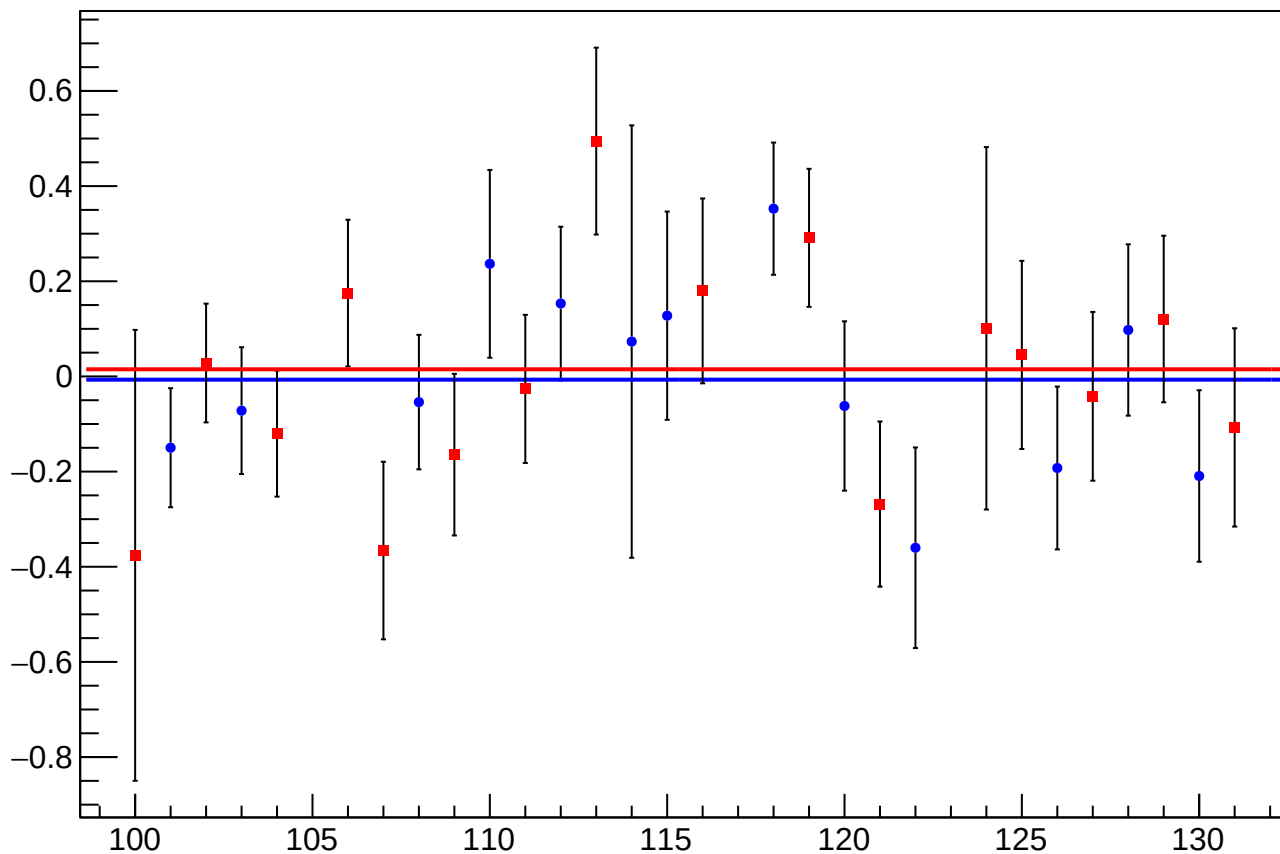
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 74.942 ± 0.016 χ^2/NDF : 546174.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usr_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.007 $\pm$ 0.047 χ^2 /NDF: 16.9/12

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

Right Out: 0.015 $\pm$ 0.044 χ^2 /NDF: 22.0/15

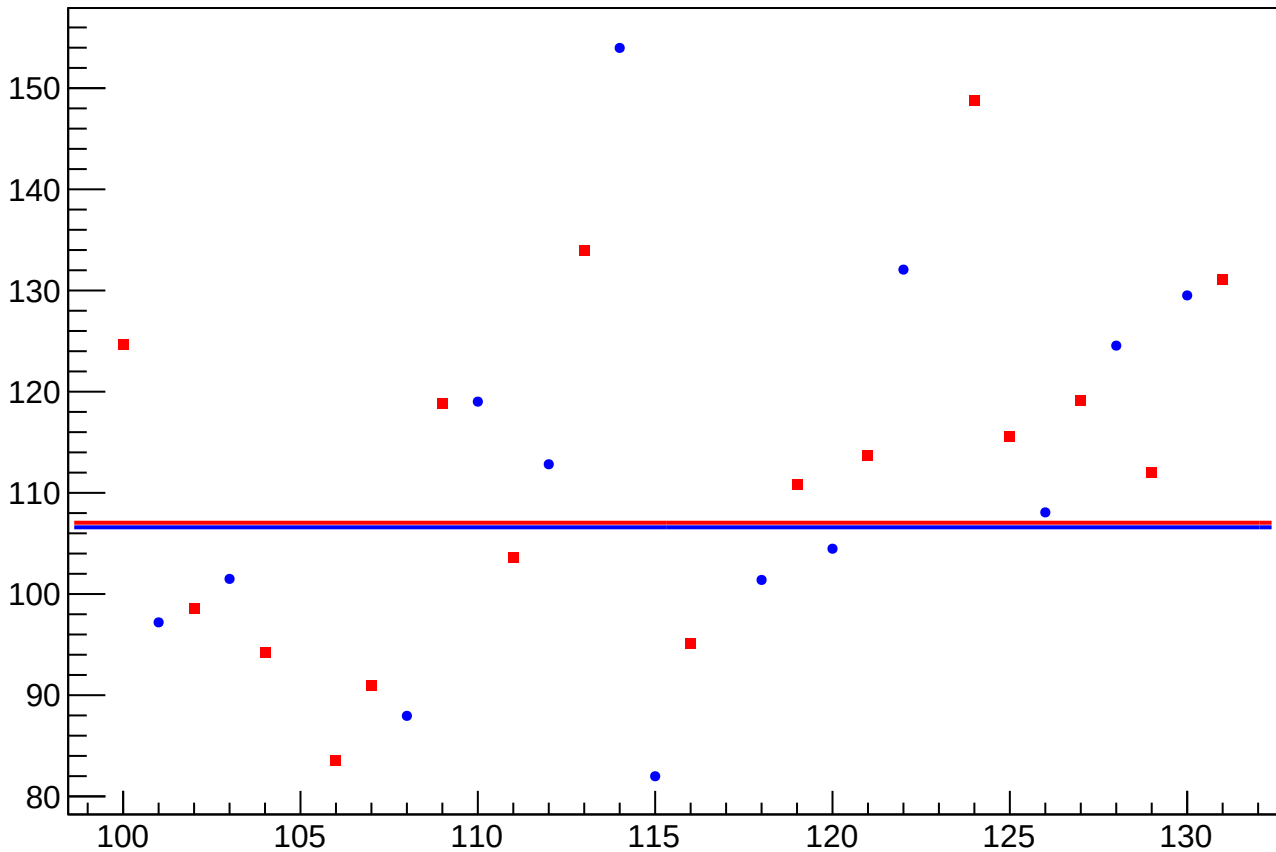
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.005 $\pm$ 0.032 χ^2 /NDF: 39.1/28

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

asym_usr_dit_vs_overload_cor_diff_rms vs Slug



Right In: 106.595 $\pm$ 0.033 χ^2 /NDF: 191572.6/12

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

Right Out: 107.048 $\pm$ 0.031 χ^2 /NDF: 217833.2/15

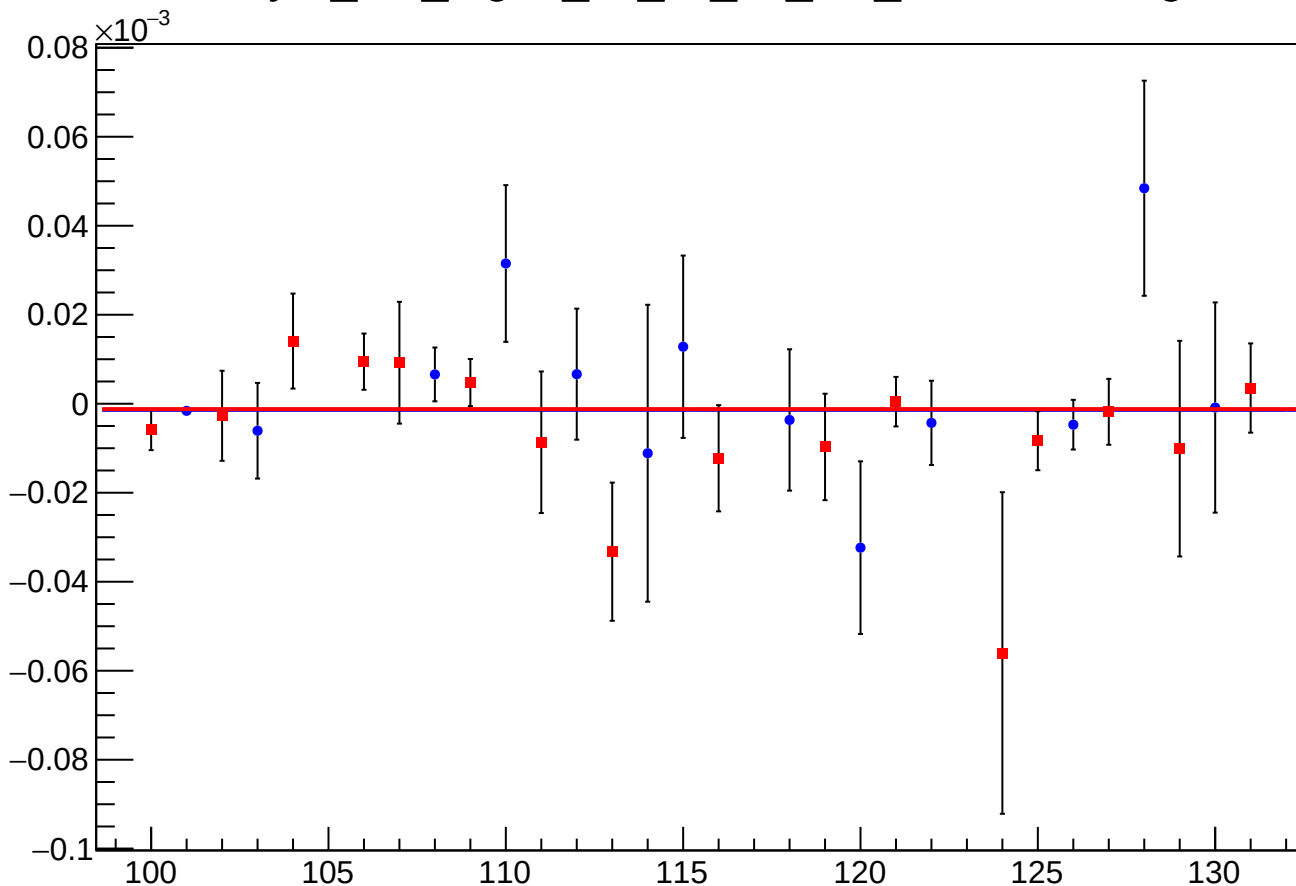
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 106.836 $\pm$ 0.023 χ^2 /NDF: 409506.8/28

- 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 : 13.6/12

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

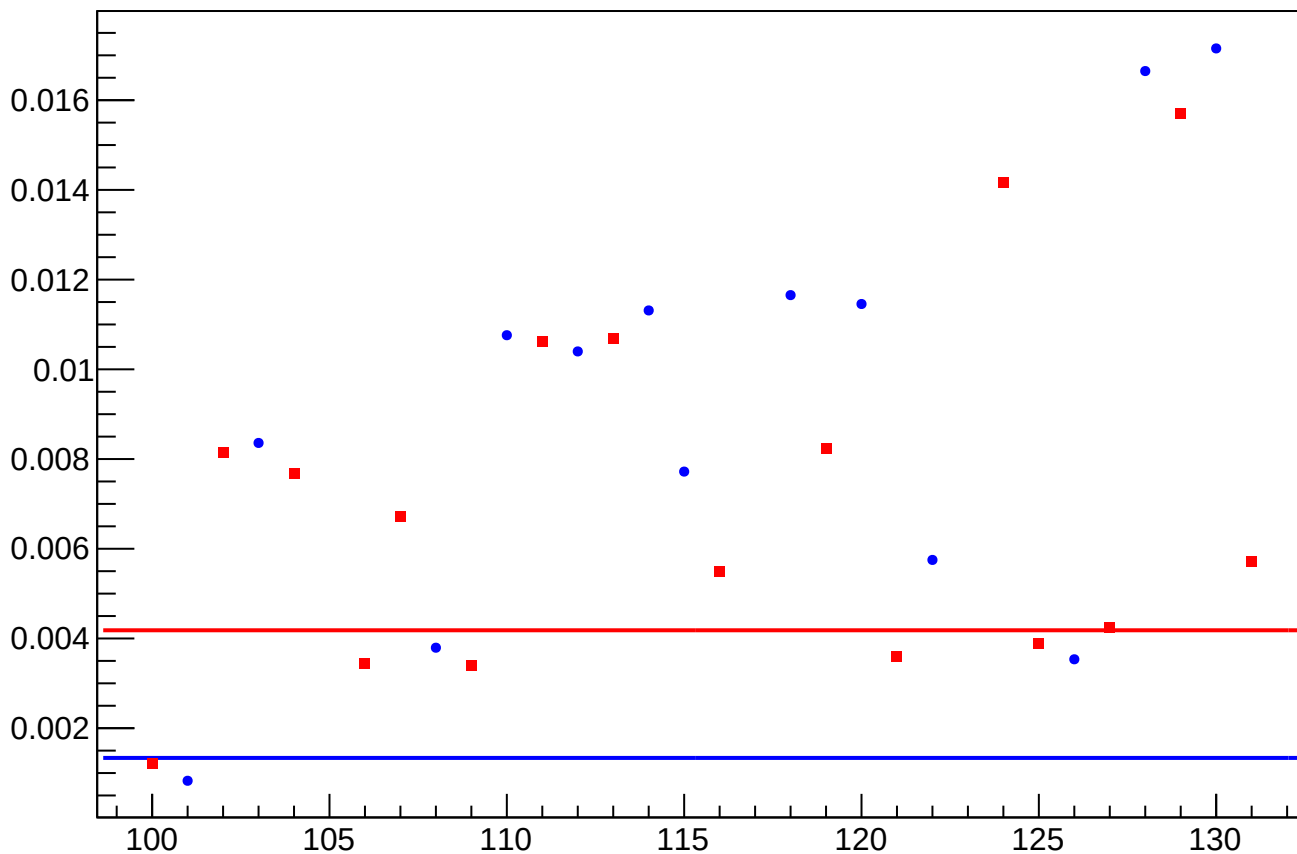
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2/NDF : 31.2/28

- 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 : 7194791.4/12

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

Right Out: 0.004+/-0.000 χ^2/NDF : 3126493.9/15

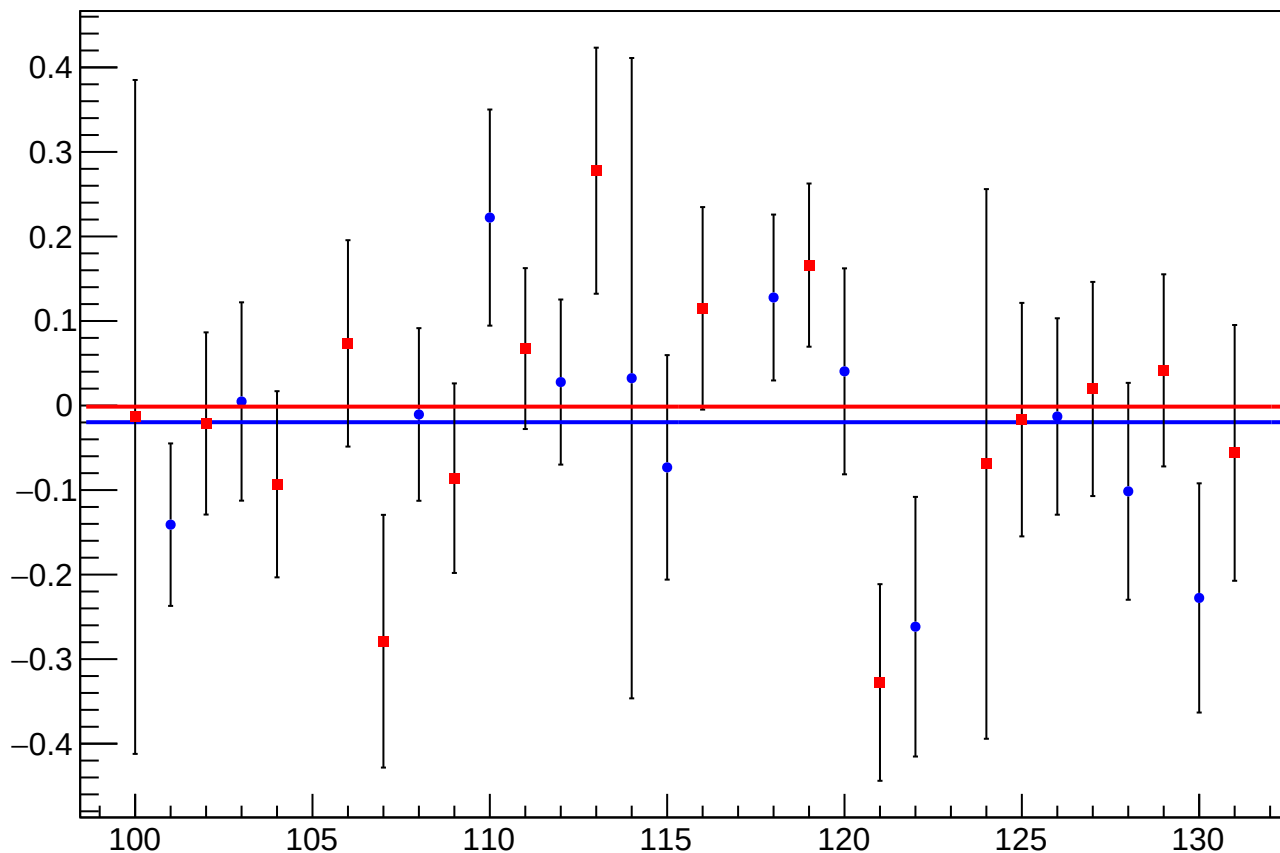
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 13478180.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.020 ± 0.033 $\chi^2/\text{NDF}: 13.4/12$

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

Right Out: -0.001 ± 0.031 $\chi^2/\text{NDF}: 21.5/15$

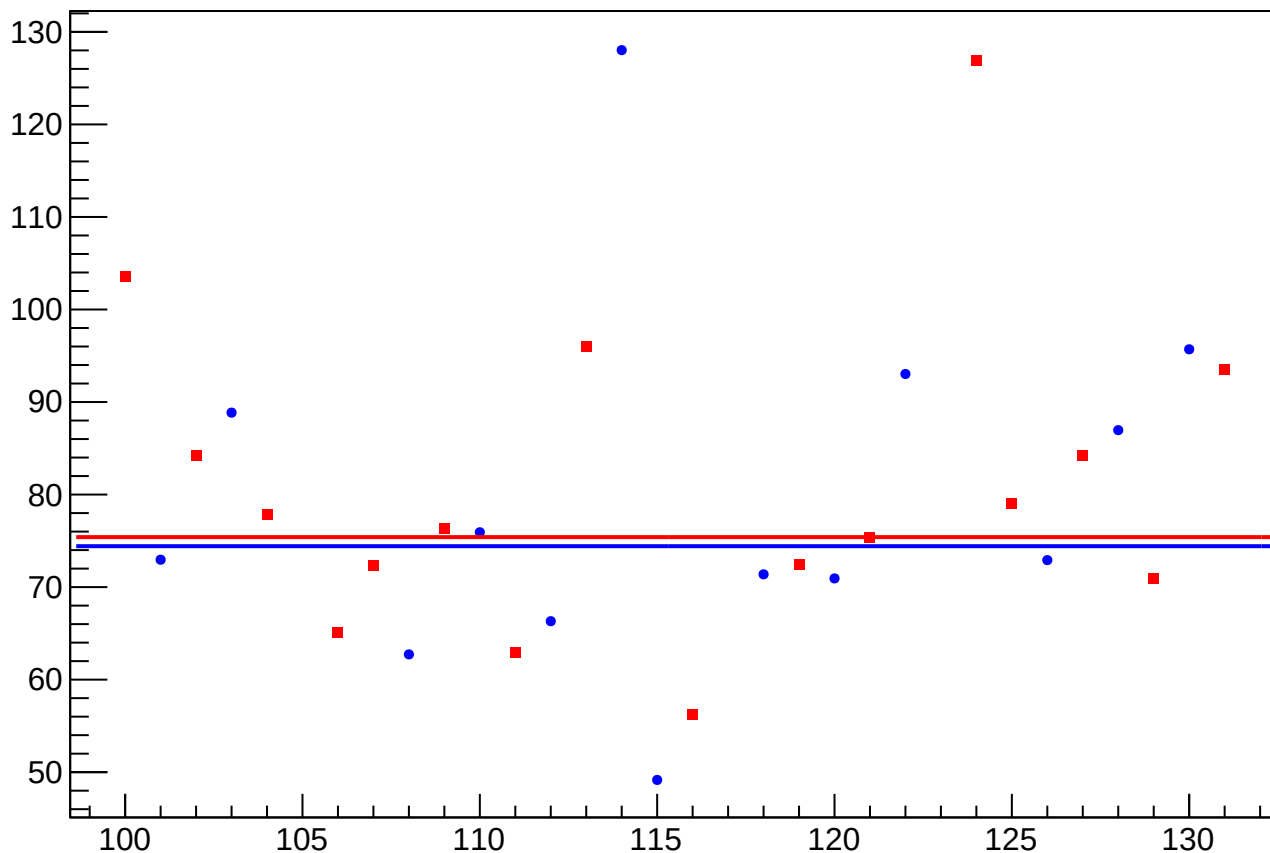
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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

All: -0.010 ± 0.023 $\chi^2/\text{NDF}: 35.1/28$

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

asym_usr_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 74.421+/-0.023 χ^2/NDF : 285079.7/12

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

Right Out: 75.403+/-0.022 χ^2/NDF : 260143.8/15

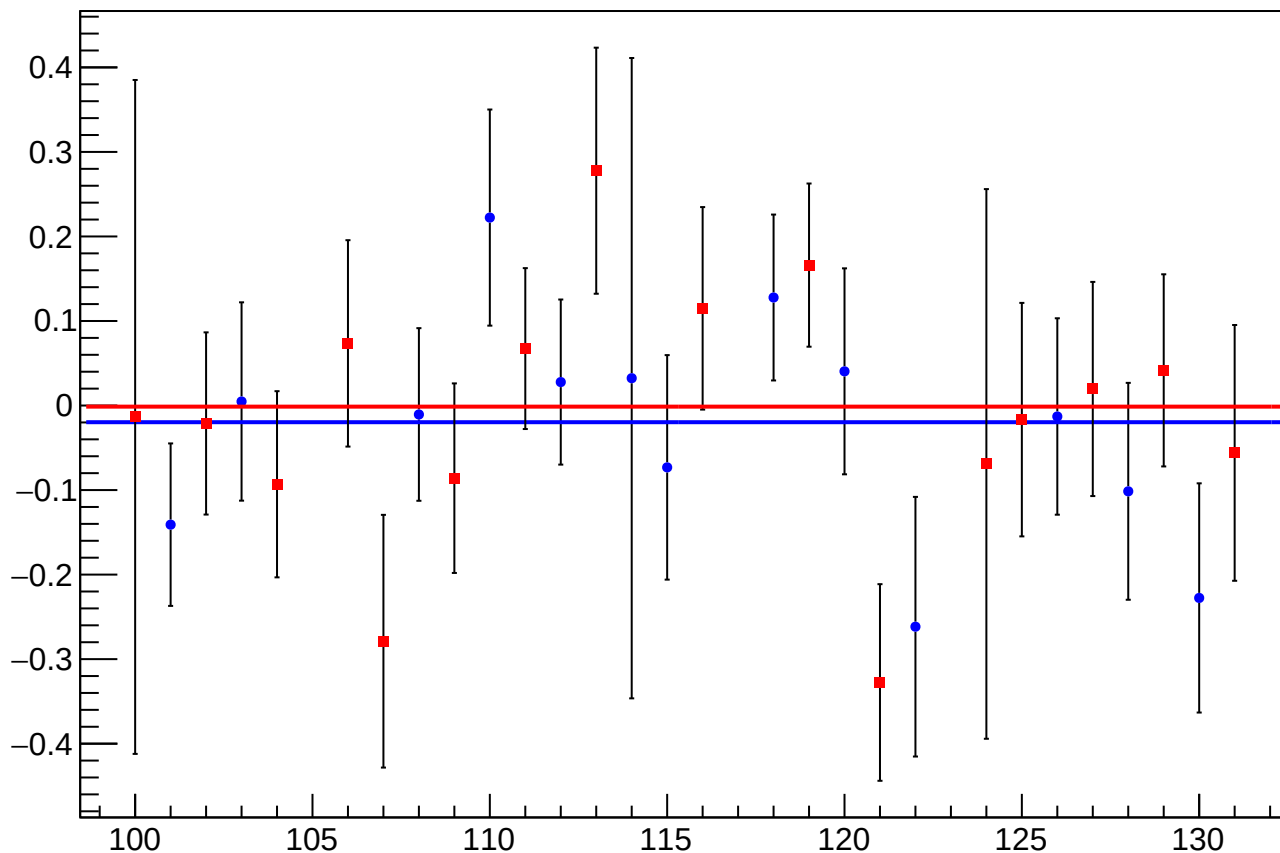
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.940+/-0.016 χ^2/NDF : 546149.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.020 ± 0.033 $\chi^2/\text{NDF}: 13.4/12$

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

Right Out: -0.001 ± 0.031 $\chi^2/\text{NDF}: 21.5/15$

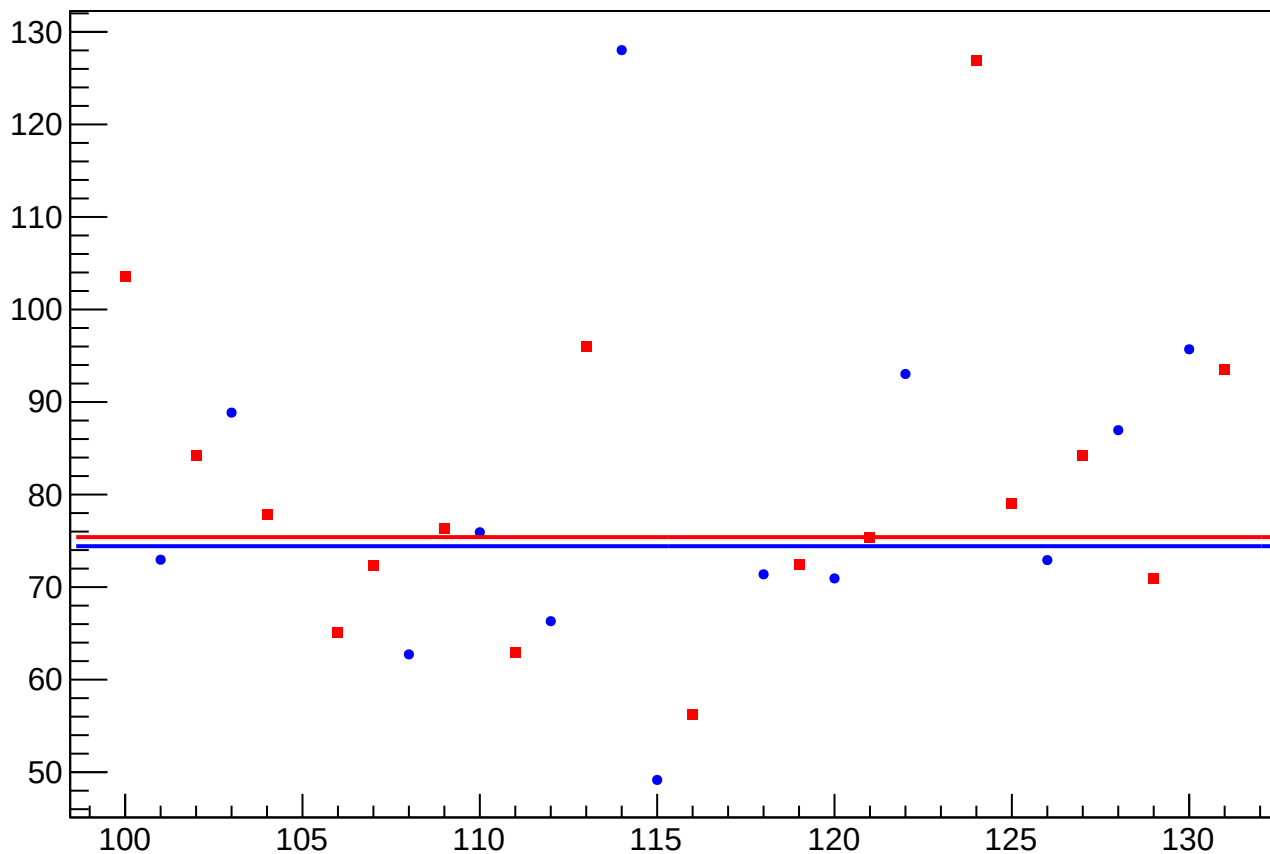
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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

All: -0.010 ± 0.023 $\chi^2/\text{NDF}: 35.1/28$

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

asym_usr_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 74.421+/-0.023 χ^2/NDF : 285079.7/12

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

Right Out: 75.403+/-0.022 χ^2/NDF : 260143.8/15

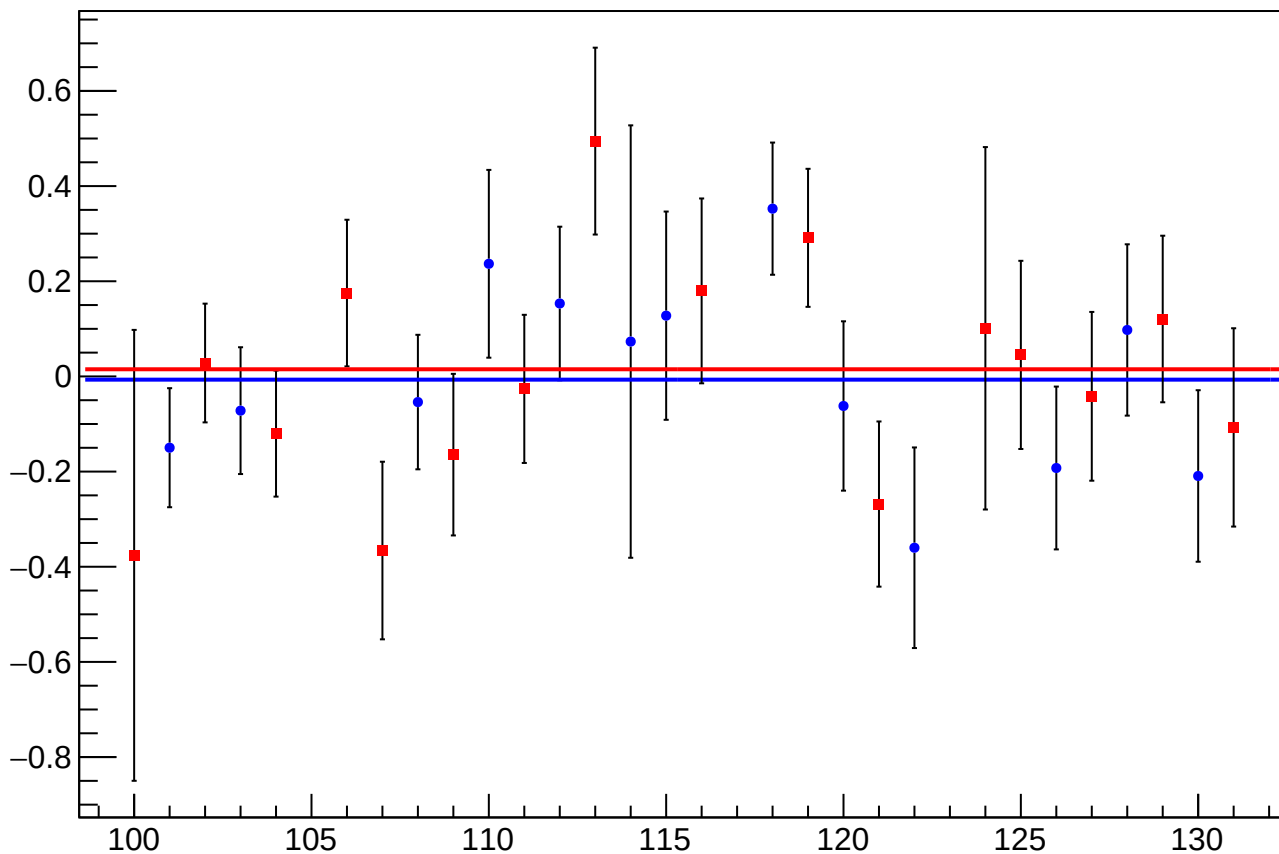
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.940+/-0.016 χ^2/NDF : 546149.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.007 $\pm$ 0.047 χ^2 /NDF: 16.9/12

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

Right Out: 0.015 $\pm$ 0.044 χ^2 /NDF: 22.0/15

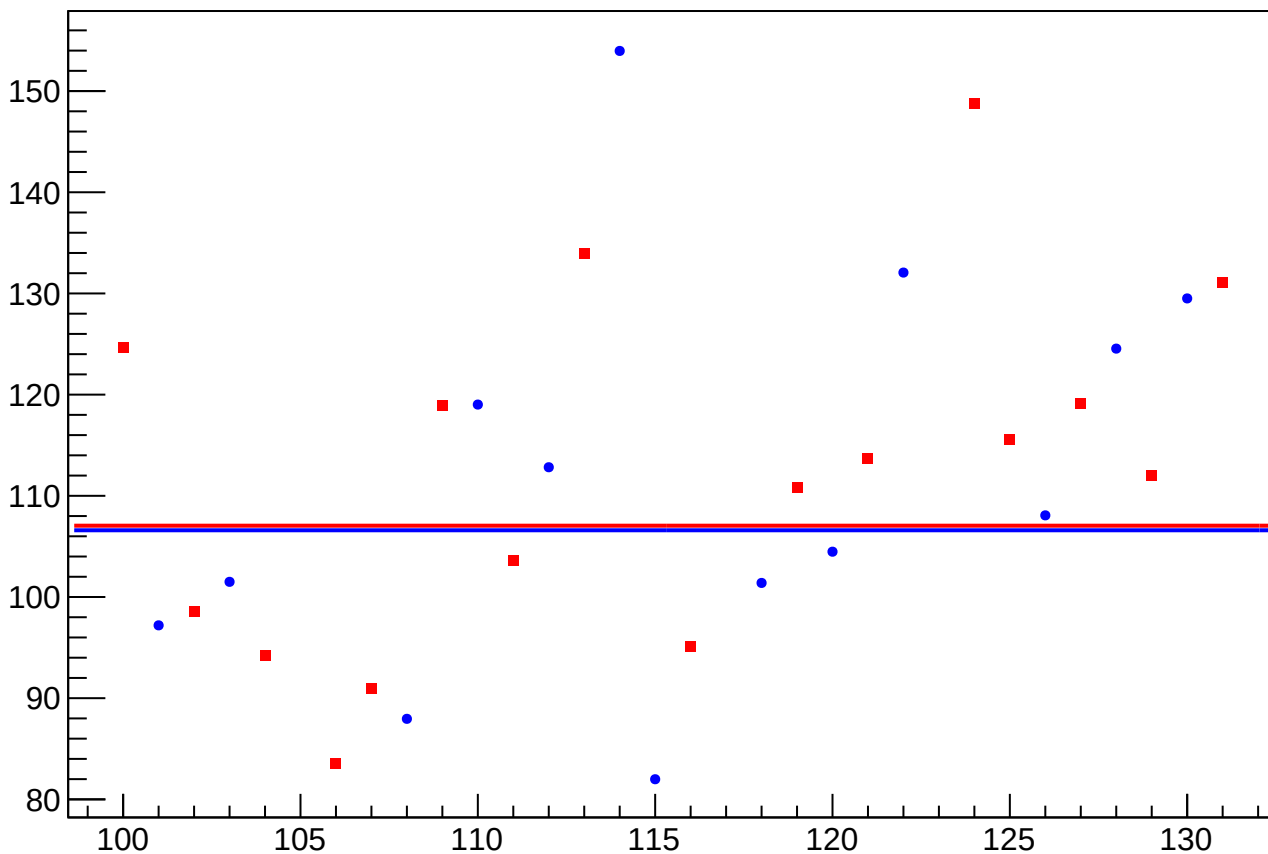
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.005 $\pm$ 0.032 χ^2 /NDF: 39.1/28

- 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: 106.594 $\pm$ 0.033 χ^2 /NDF: 191545.9/12

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

Right Out: 107.048 $\pm$ 0.031 χ^2 /NDF: 217806.6/15

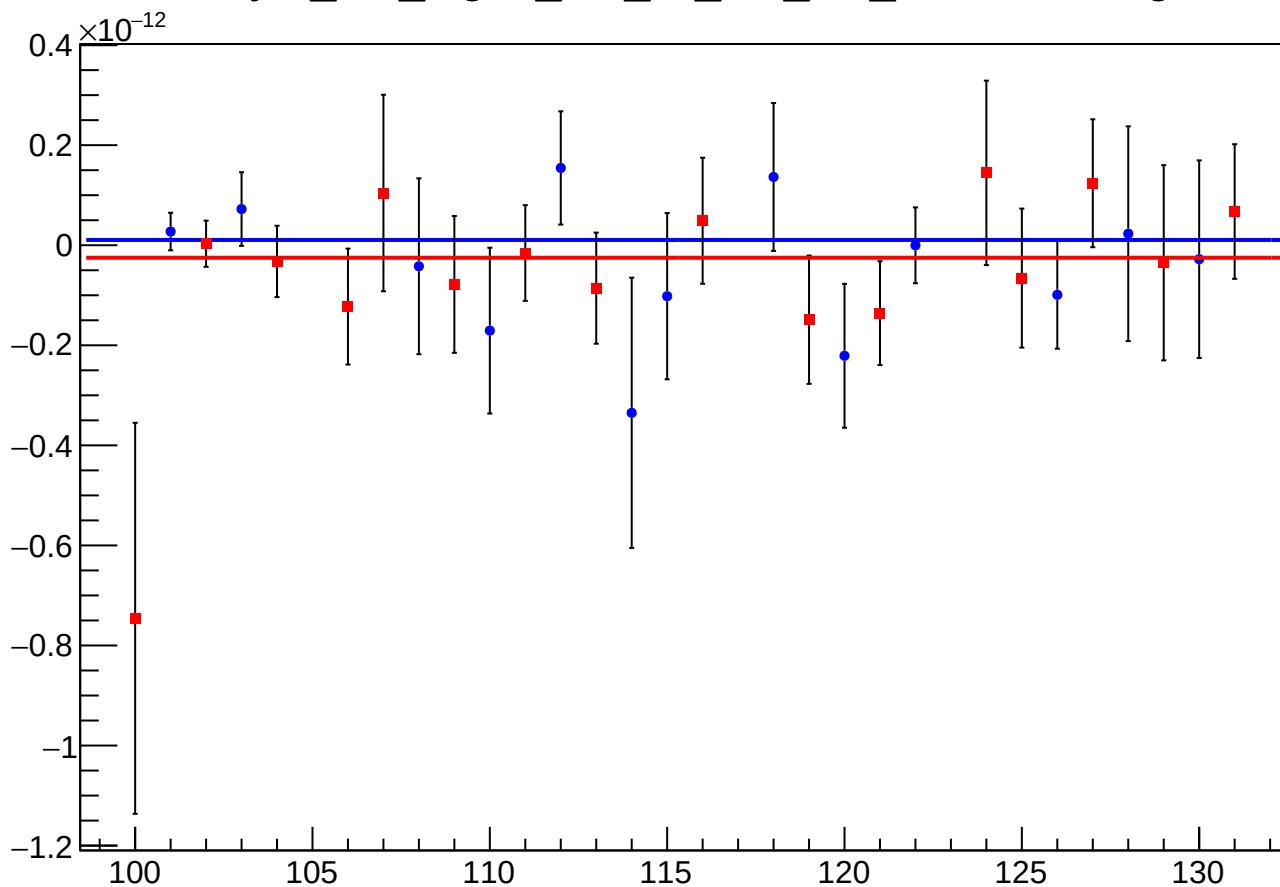
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 106.836 $\pm$ 0.023 χ^2 /NDF: 409453.6/28

- sign 0.000 $\pm$ 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: 10.3/12

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.6/15

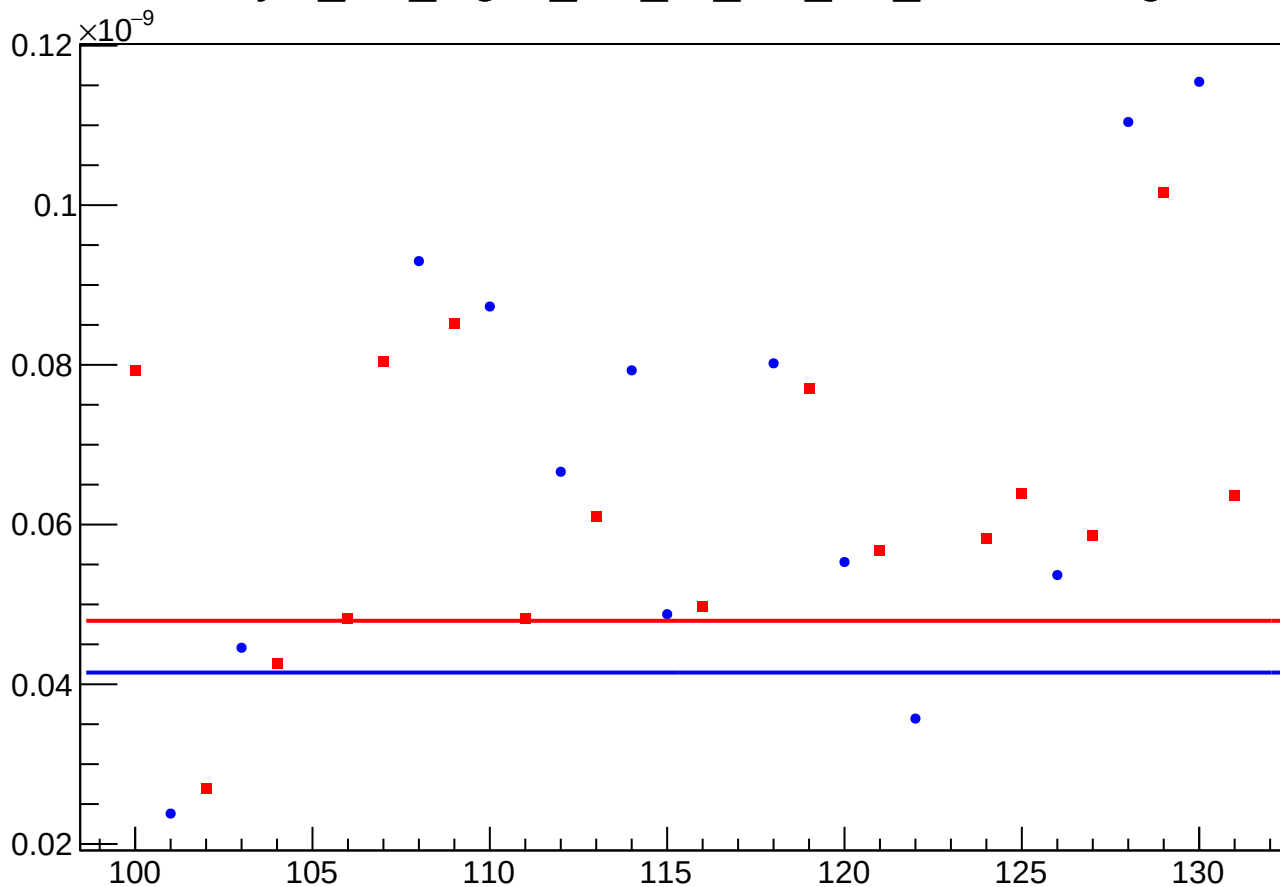
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.8/28

- 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 : 1593484.2/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1011719.0/15

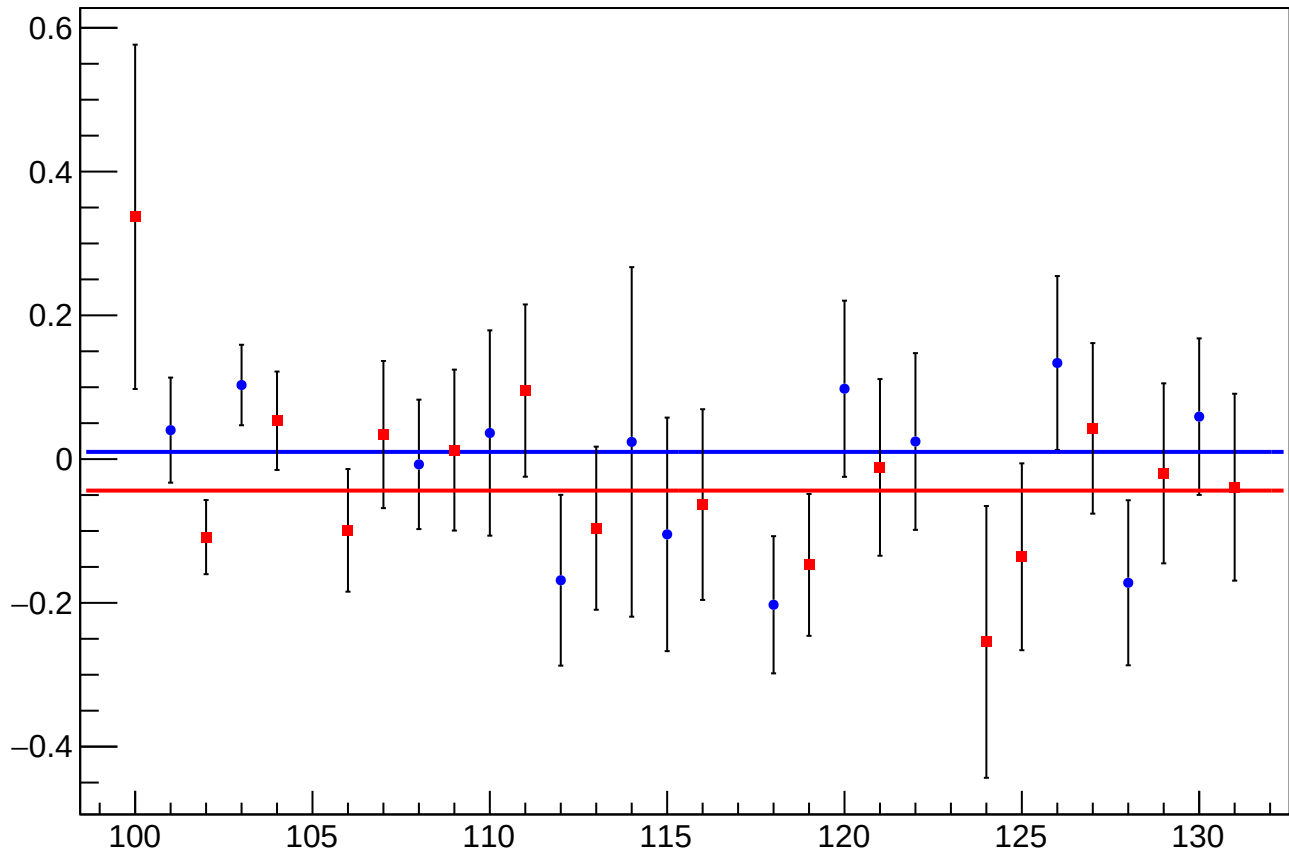
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2667229.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_overload_cor_vs_cor_diff_mean vs Slug



Right In: 0.010 $\pm$ 0.028 χ^2 /NDF: 15.0/12

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

Right Out: -0.044 $\pm$ 0.025 χ^2 /NDF: 12.4/15

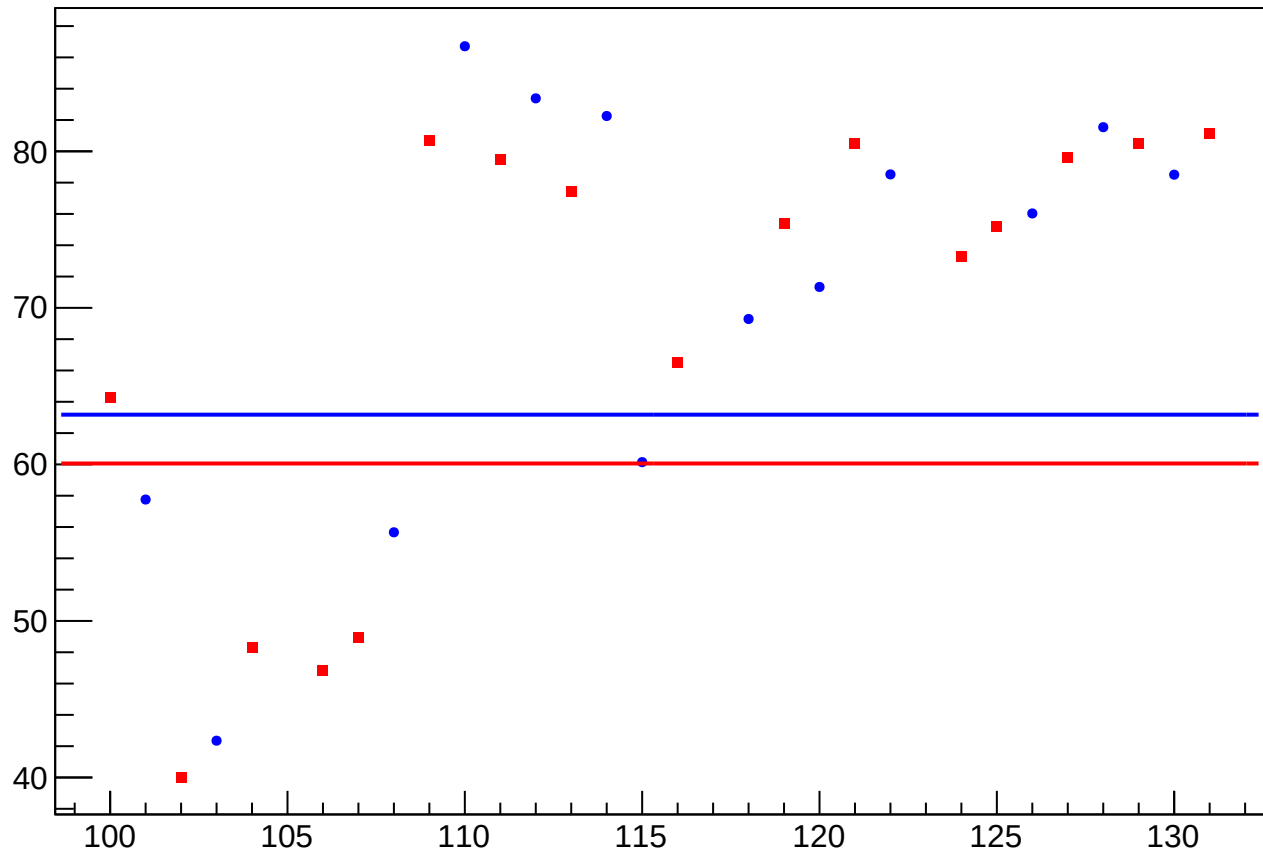
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.020 $\pm$ 0.019 χ^2 /NDF: 29.5/28

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

asym_usr_overload_cor_vs_cor_diff_rms vs Slug



Right In: 63.177+/-0.020 χ^2/NDF : 588586.7/12

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

Right Out: 60.059+/-0.018 χ^2/NDF : 906459.8/15

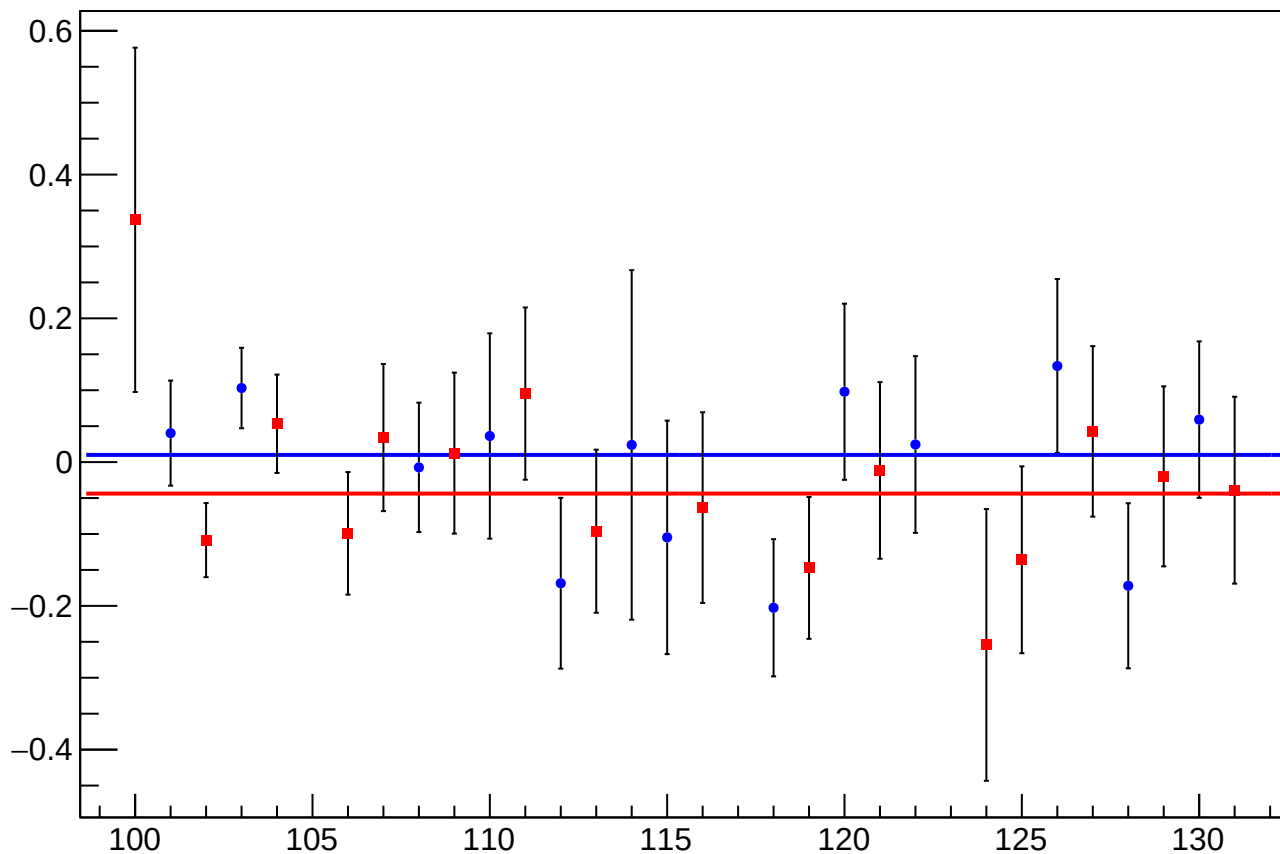
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.455+/-0.013 χ^2/NDF : 1508746.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_overload_cor_vs_eigen_cor_diff_mean vs Slug



Right In: 0.010 $\pm$ 0.028 χ^2 /NDF: 15.0/12

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

Right Out: -0.044 $\pm$ 0.025 χ^2 /NDF: 12.4/15

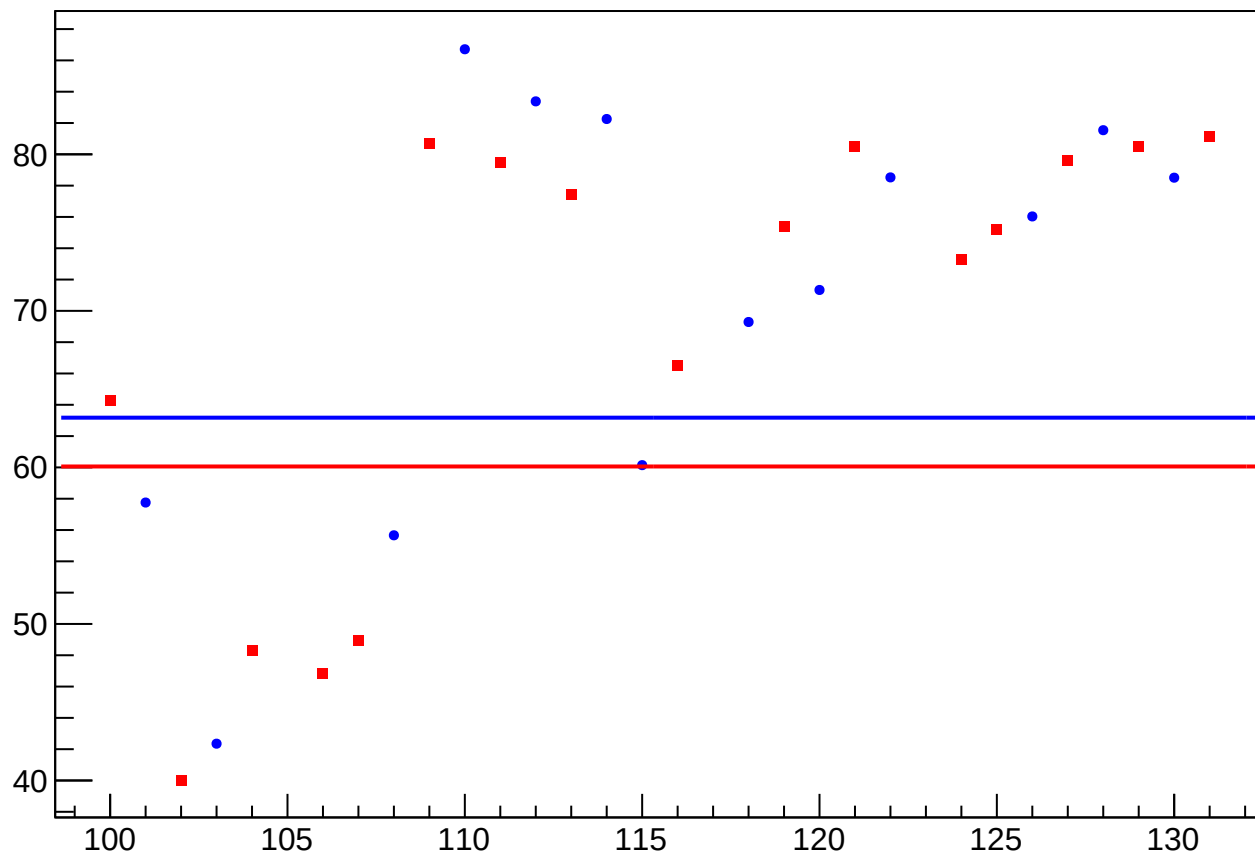
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.020 $\pm$ 0.019 χ^2 /NDF: 29.5/28

- 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: 63.177+/-0.020 χ^2/NDF : 588586.7/12

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

Right Out: 60.059+/-0.018 χ^2/NDF : 906459.8/15

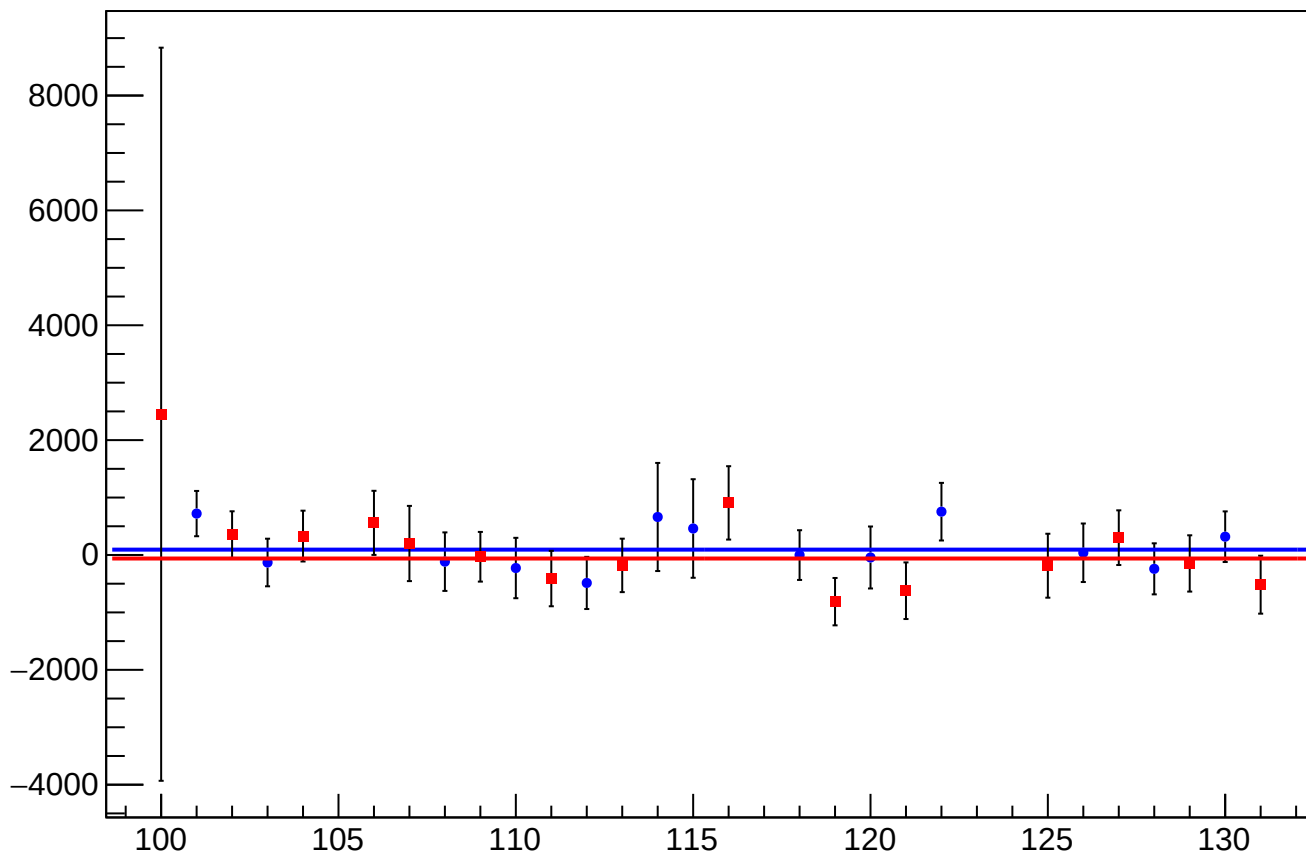
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.455+/-0.013 χ^2/NDF : 1508746.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_dsl_mean vs Slug



Right In: 93.133+/-136.259 χ^2/NDF : 8.2/12

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

Right Out: -61.615+/-129.994 χ^2/NDF : 12.4/14

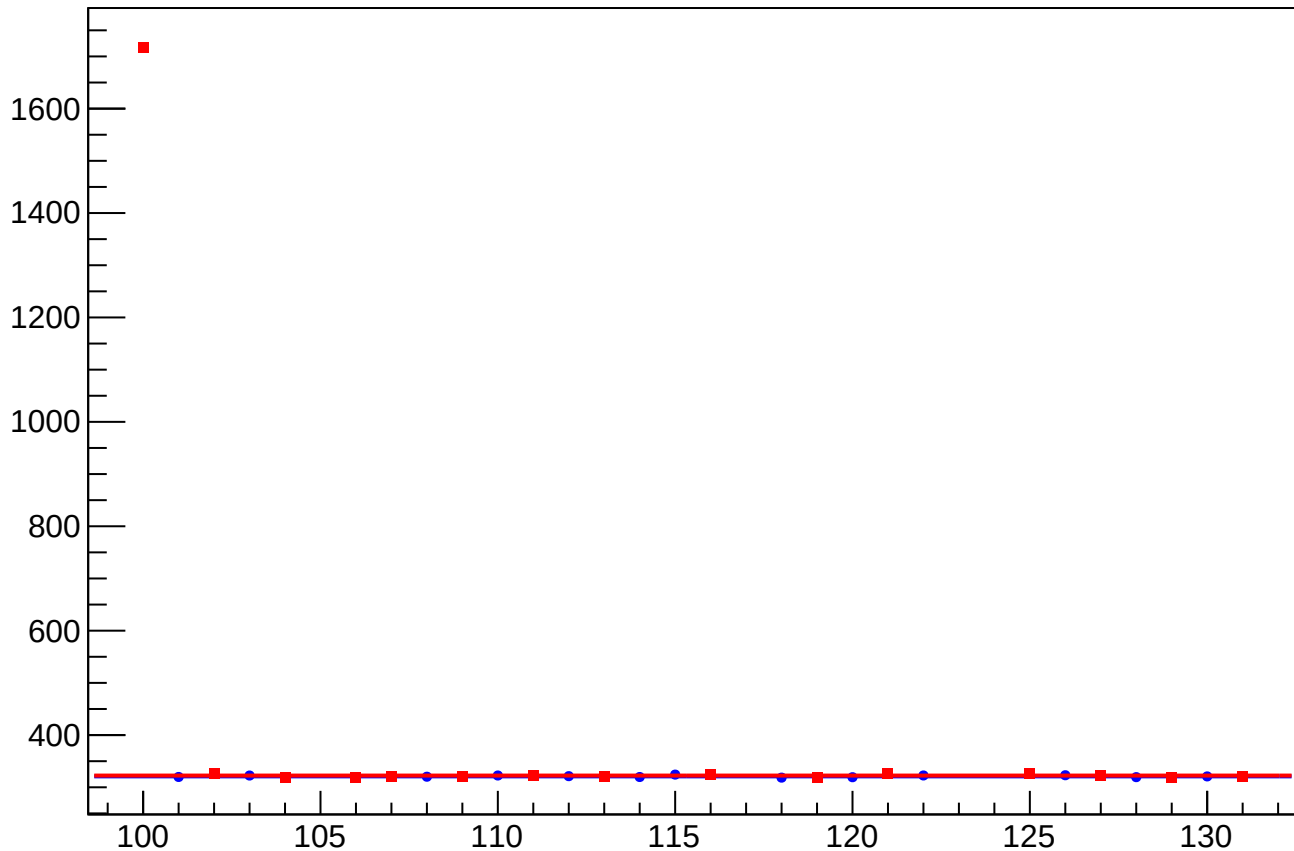
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.120+/-94.057 χ^2/NDF : 21.3/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_dsl_rms vs Slug



Right In: 320.912 $\pm$ 0.096 χ^2 /NDF: 267.6/12

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

Right Out: 322.470 $\pm$ 0.092 χ^2 /NDF: 96783.0/14

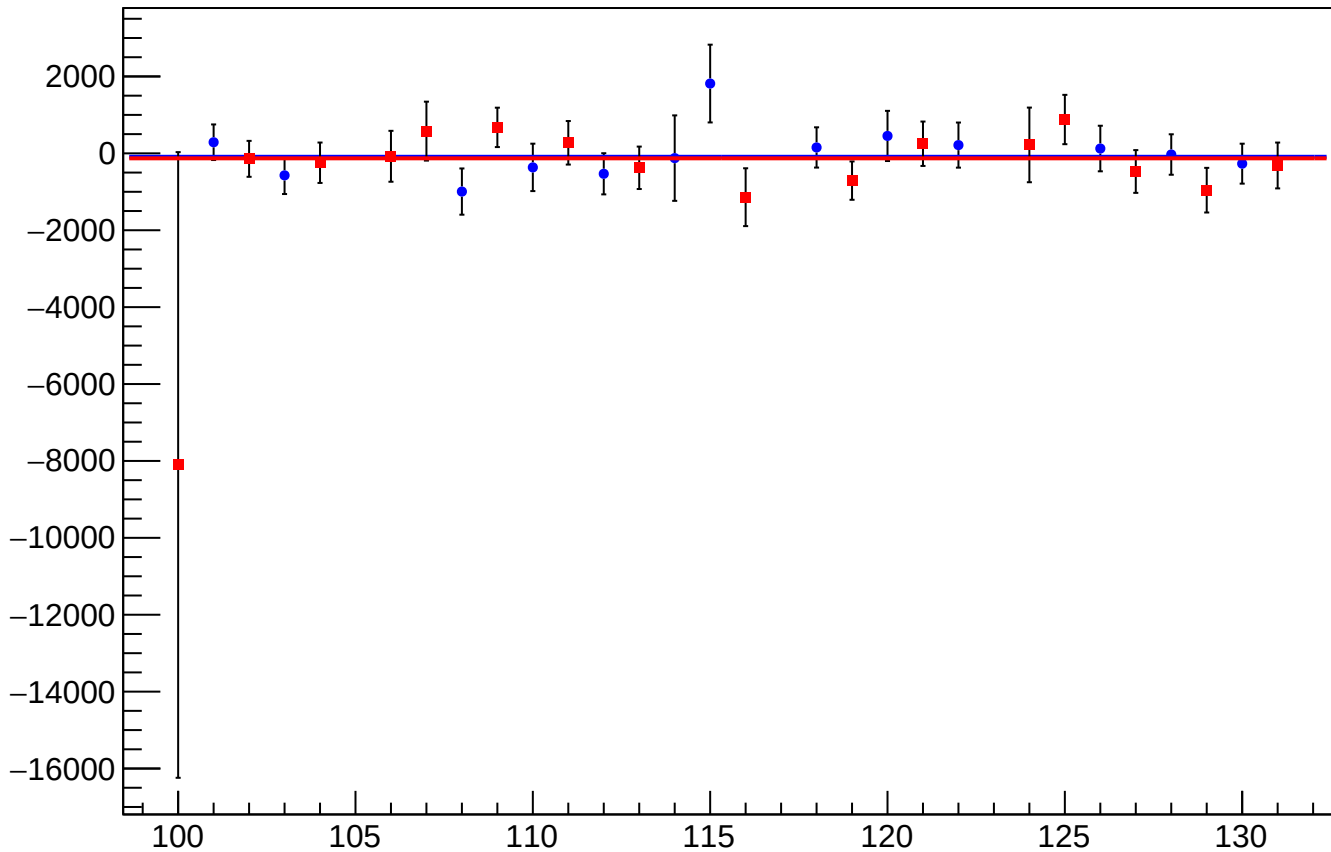
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 321.728 $\pm$ 0.067 χ^2 /NDF: 97187.5/27

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

asym_dsr_mean vs Slug



Right In: -89.738 ± 160.851 χ^2/NDF : 9.8/12

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

Right Out: -129.526 ± 151.252 χ^2/NDF : 13.8/15

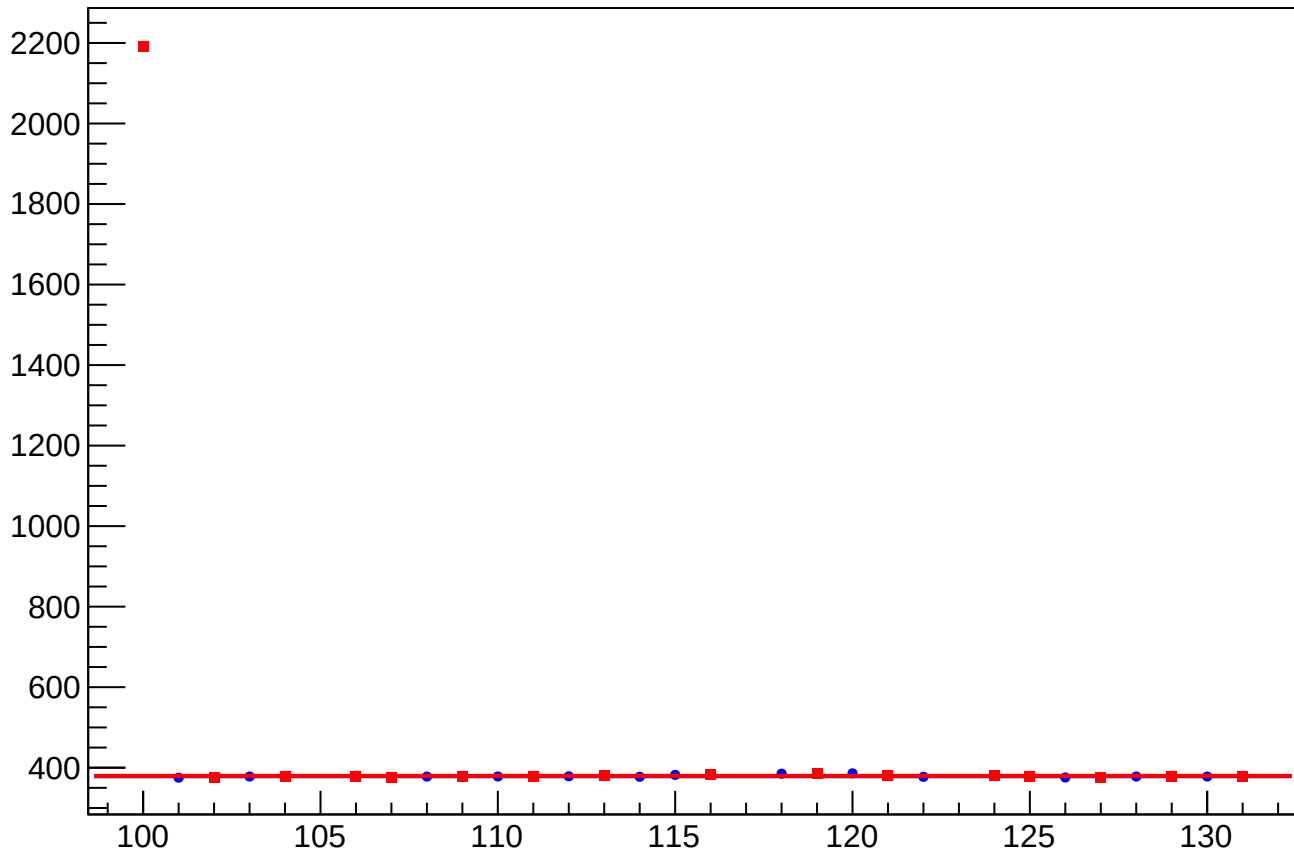
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -110.854 ± 110.188 χ^2/NDF : 23.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_dsr_rms vs Slug



Right In: 378.799 $\pm$ 0.114 χ^2 /NDF: 767.7/12

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

Right Out: 379.813 $\pm$ 0.107 χ^2 /NDF: 99572.0/15

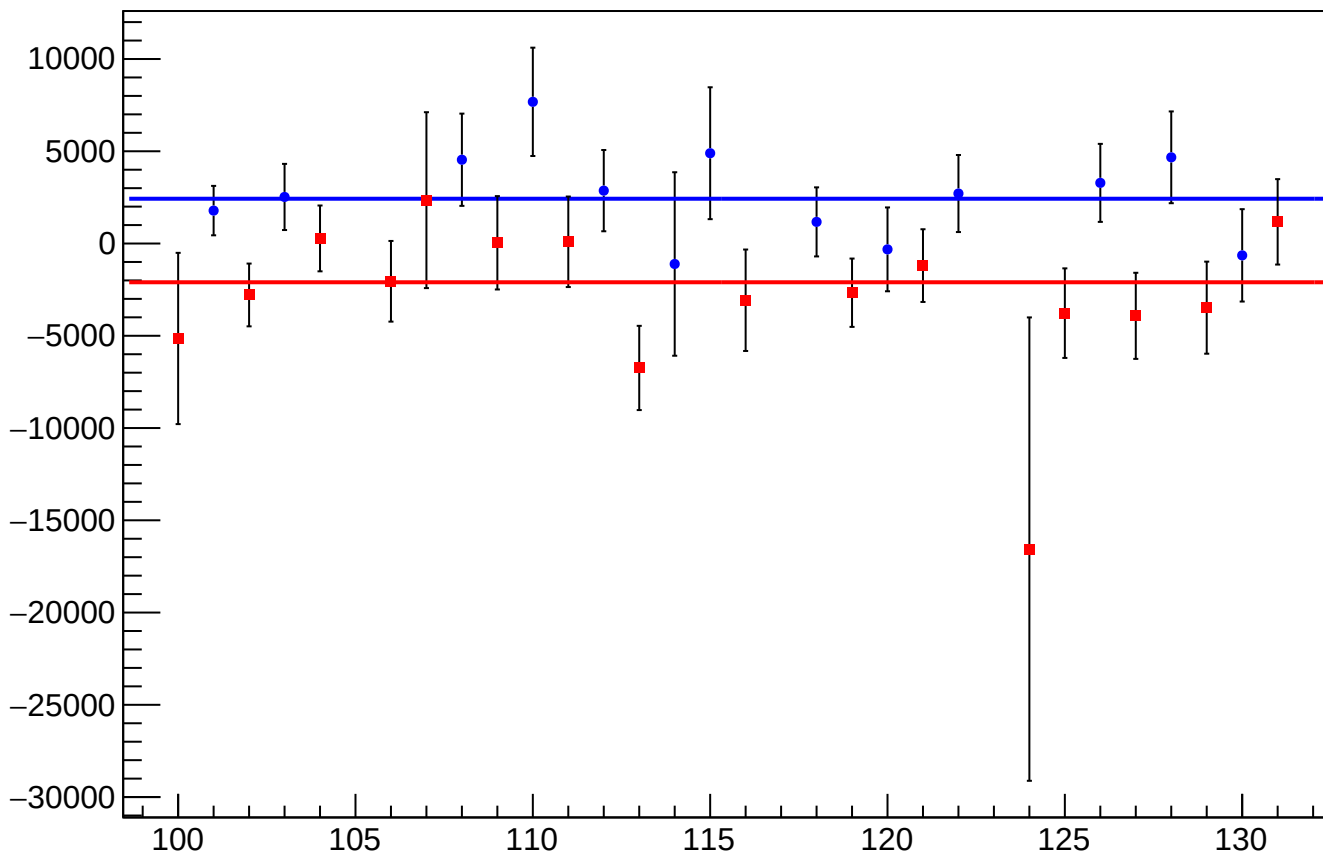
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 379.337 $\pm$ 0.078 χ^2 /NDF: 100381.8/28

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

asym_us_agg_avg_mean vs Slug



Right In: 2427.321+/-605.969 χ^2/NDF : 9.6/12

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

Right Out: -2099.617+/-591.015 χ^2/NDF : 14.0/15

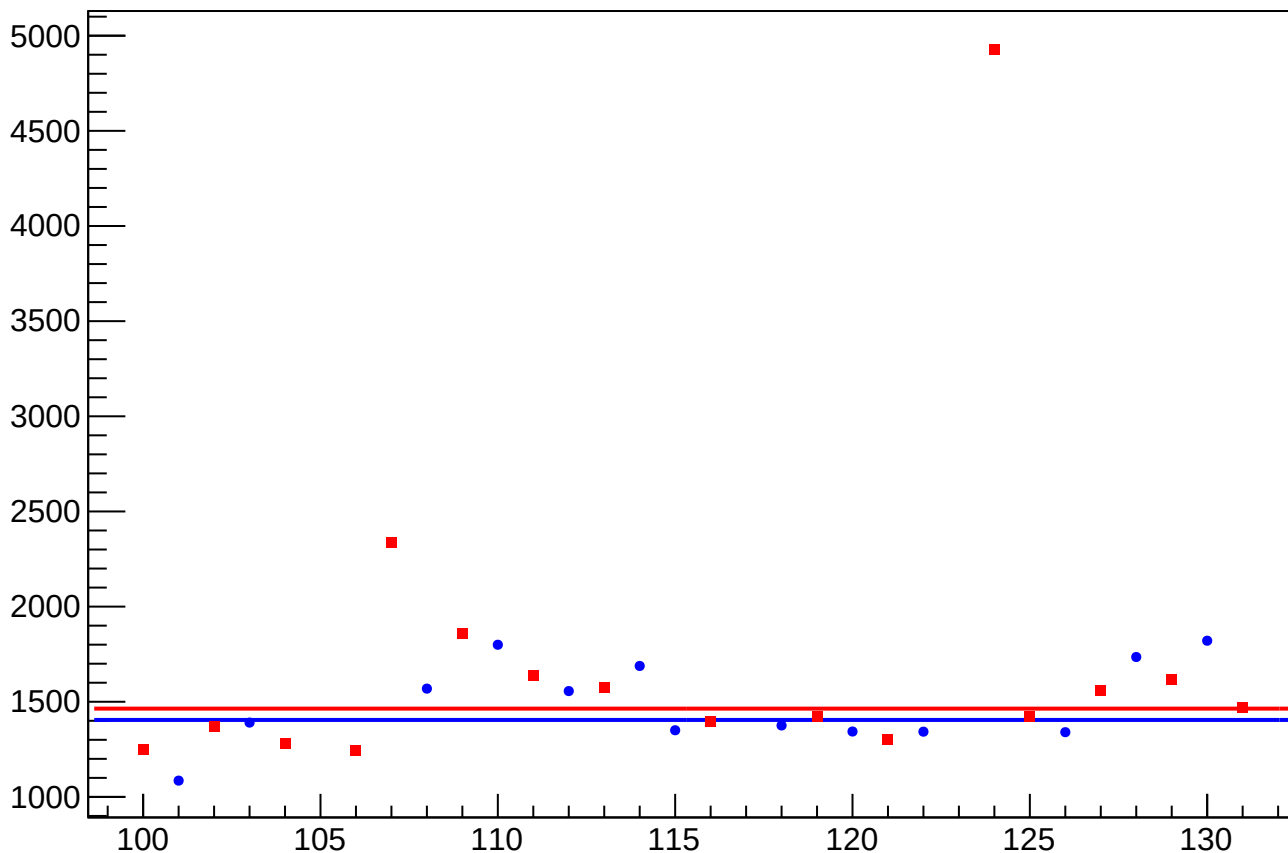
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.307+/-423.099 χ^2/NDF : 52.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_agg_avg_rms vs Slug



Right In: 1404.433+/-0.428 χ^2/NDF : 271034.6/12

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

Right Out: 1463.951+/-0.418 χ^2/NDF : 362281.3/15

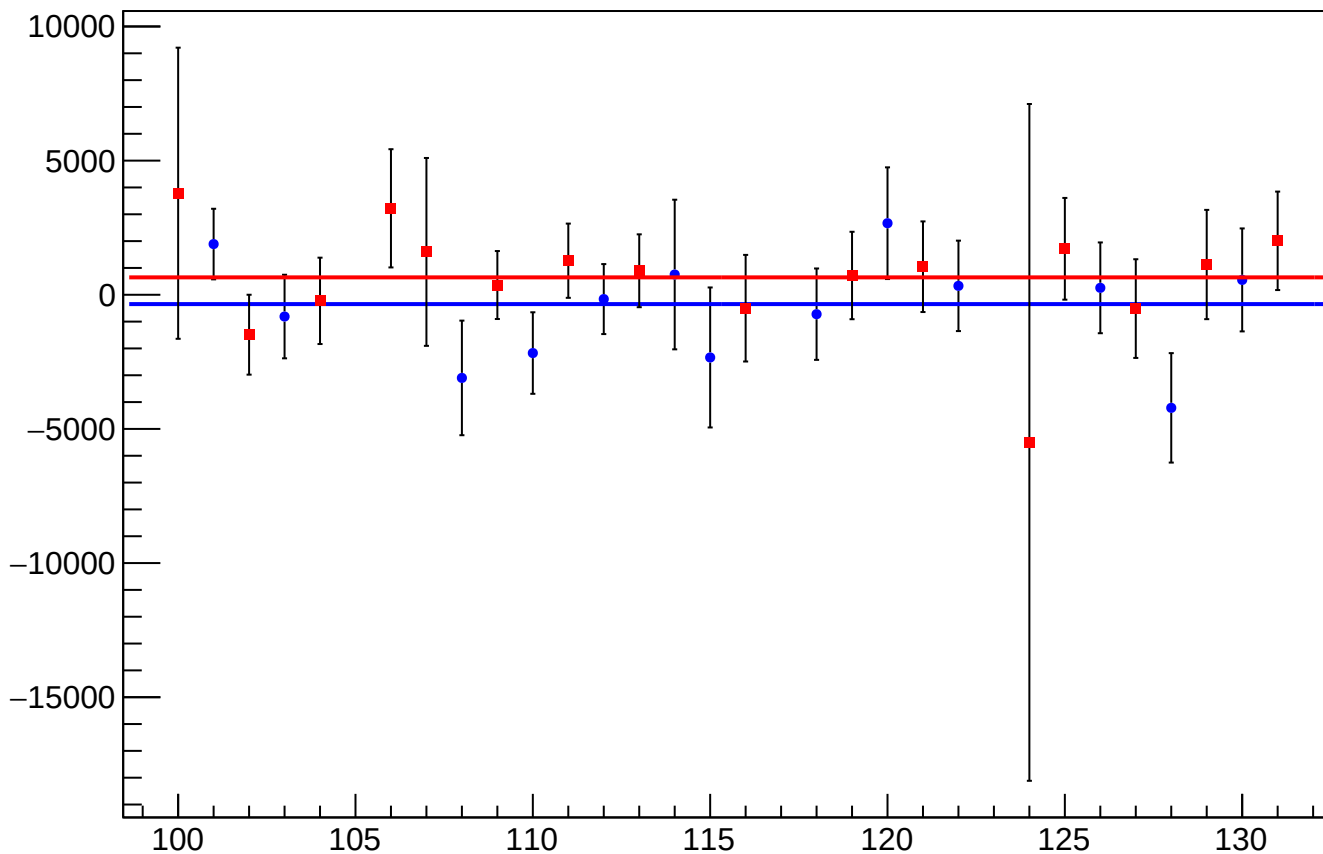
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1434.935+/-0.299 χ^2/NDF : 643204.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_agg_dd_mean vs Slug



Right In: -347.537 $\pm$ 482.561 χ^2 /NDF: 13.1/12

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

Right Out: 648.745 $\pm$ 449.669 χ^2 /NDF: 6.4/15

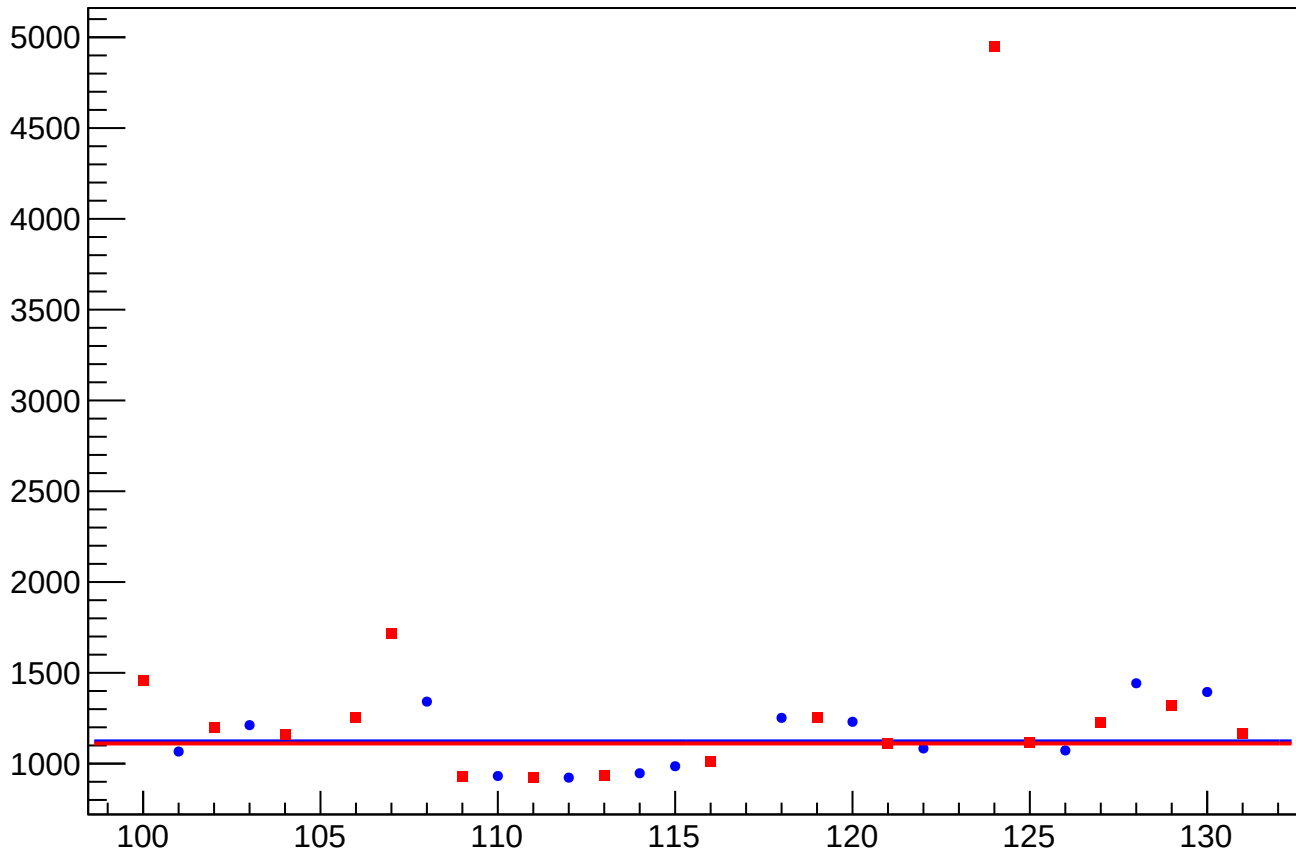
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 185.713 $\pm$ 328.978 χ^2 /NDF: 21.7/28

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

asym_us_agg_dd_rms vs Slug



Right In: 1122.315+/-0.341 χ^2/NDF : 232082.0/12

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

Right Out: 1110.984+/-0.318 χ^2/NDF : 434041.7/15

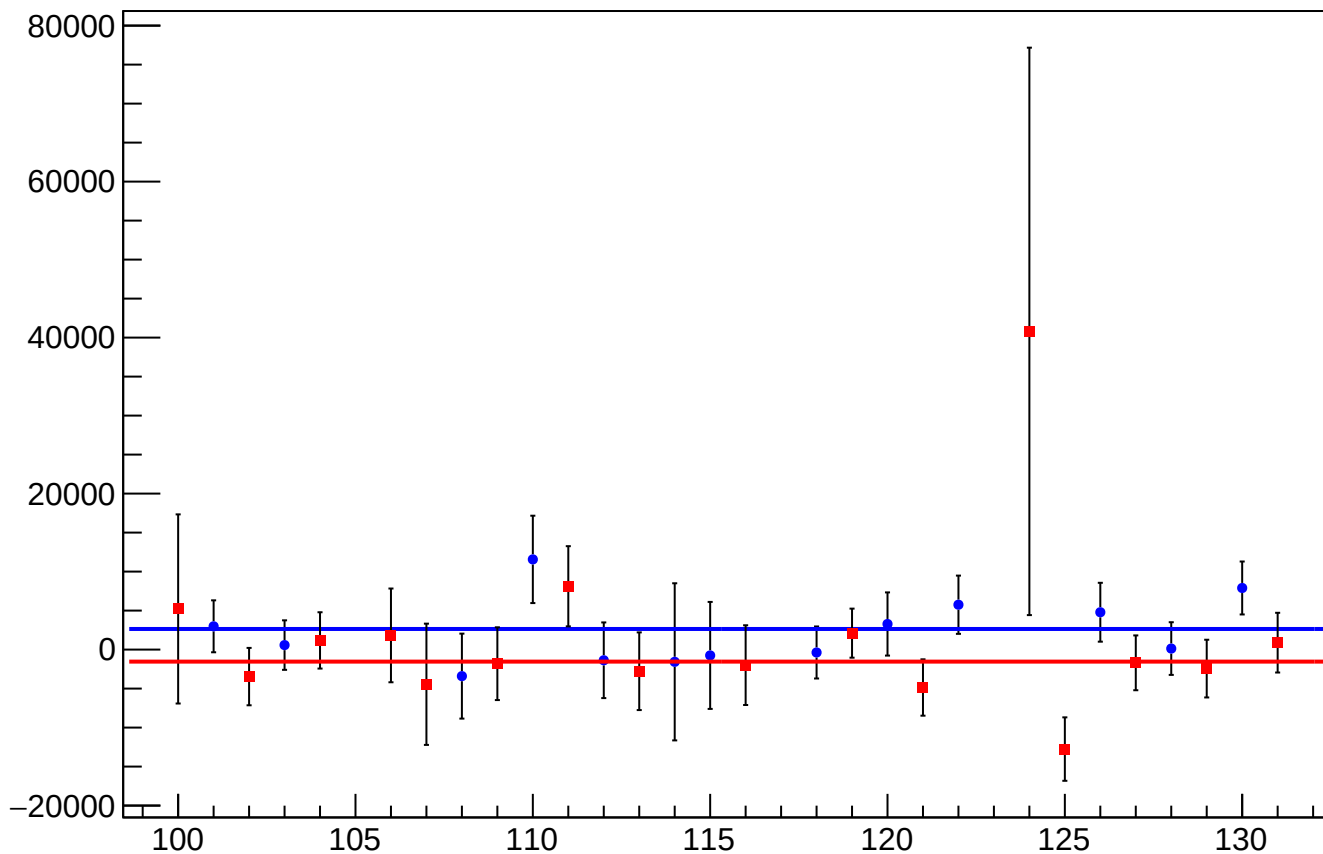
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1116.250+/-0.233 χ^2/NDF : 666713.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_mean vs Slug



Right In: 2642.486+/-1120.898 χ^2 /NDF: 10.1/12

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

Right Out: -1541.919+/-1100.762 χ^2 /NDF: 16.8/15

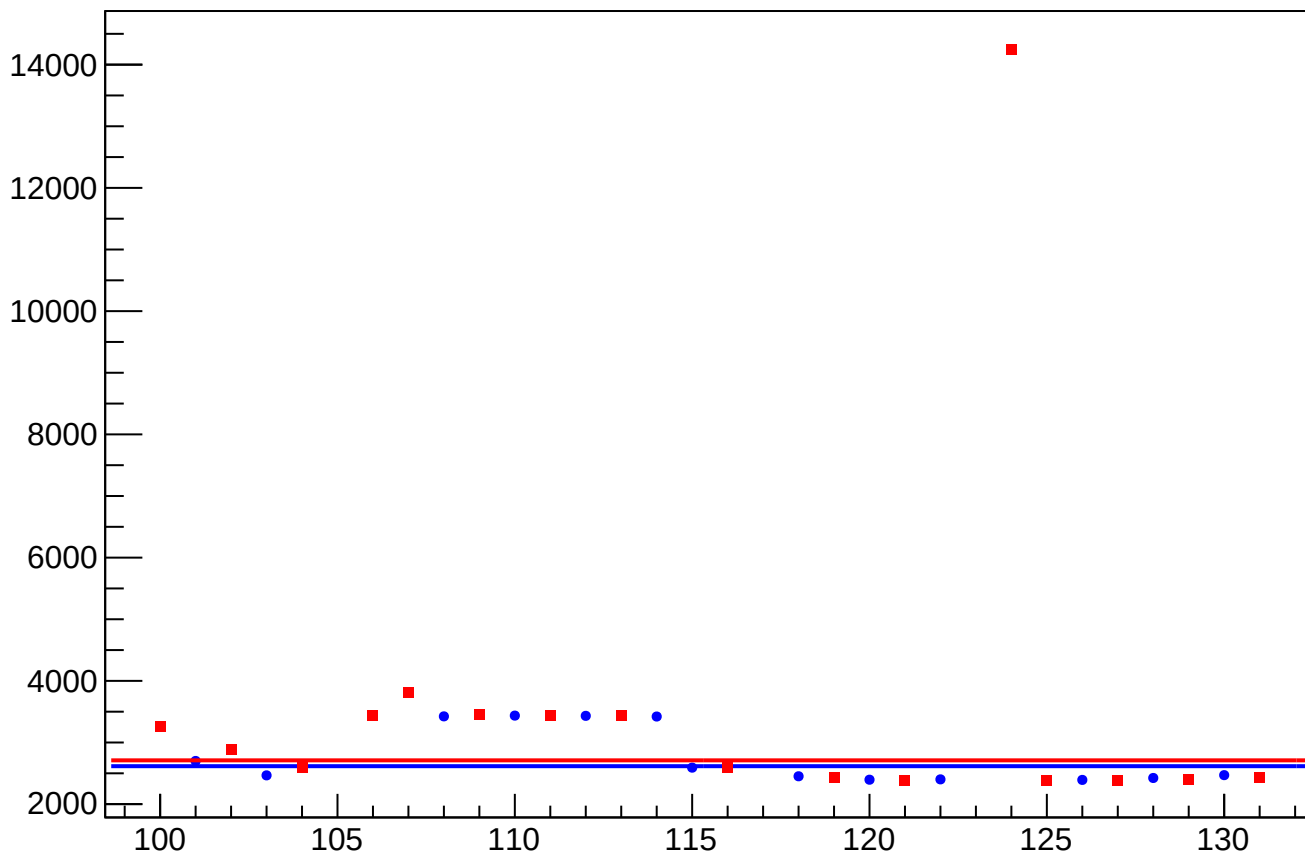
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 512.361+/-785.378 χ^2 /NDF: 34.0/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1_rms vs Slug



Right In: 2615.599+/-0.793 χ^2/NDF : 196547.9/12

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

Right Out: 2710.379+/-0.778 χ^2/NDF : 501863.7/15

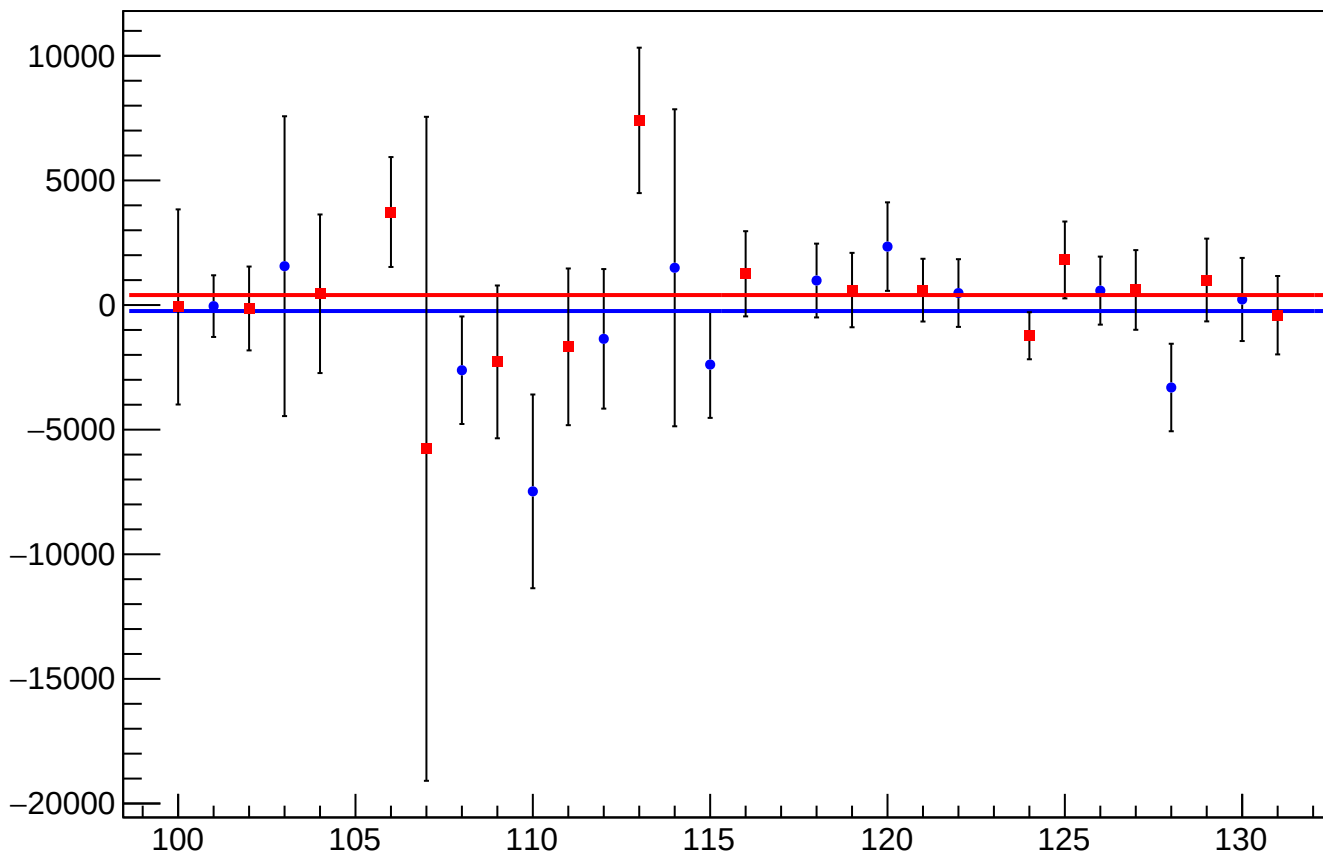
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2663.848+/-0.555 χ^2/NDF : 705691.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_reg_correction_mean vs Slug



Right In: -240.559+/-508.418 χ^2/NDF : 12.6/12

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

Right Out: 400.600+/-439.445 χ^2/NDF : 14.1/15

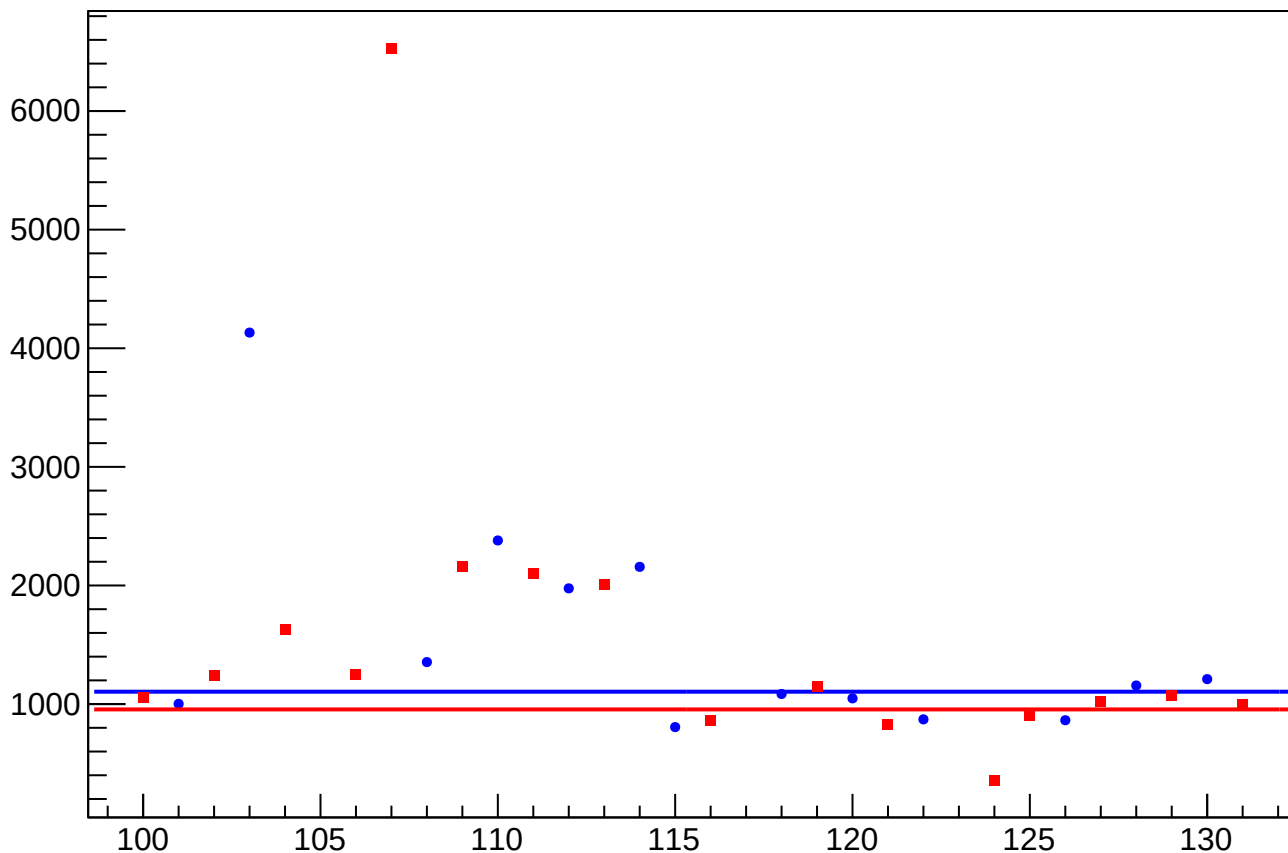
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.430+/-332.467 χ^2/NDF : 27.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_reg_correction_rms vs Slug



Right In: 1104.417 $\pm$ 0.360 χ^2 /NDF: 1183042.0/12

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

Right Out: 955.132 $\pm$ 0.311 χ^2 /NDF: 2259270.6/15

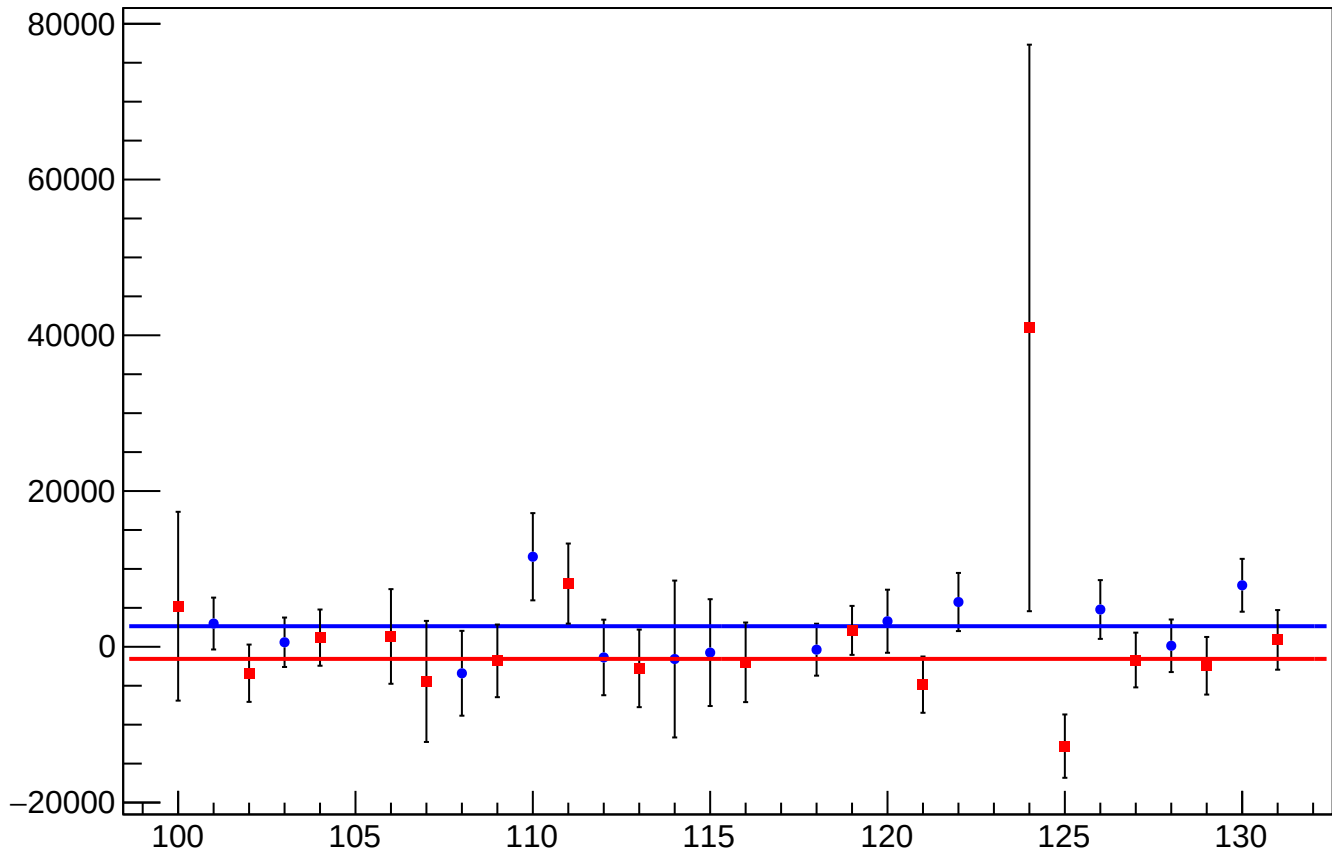
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1018.969 $\pm$ 0.235 χ^2 /NDF: 3541011.0/28

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

cor_asym_atl1_mean vs Slug



Right In: 2643.020+/-1120.898 χ^2/NDF : 10.1/12

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

Right Out: -1554.078+/-1101.181 χ^2/NDF : 16.7/15

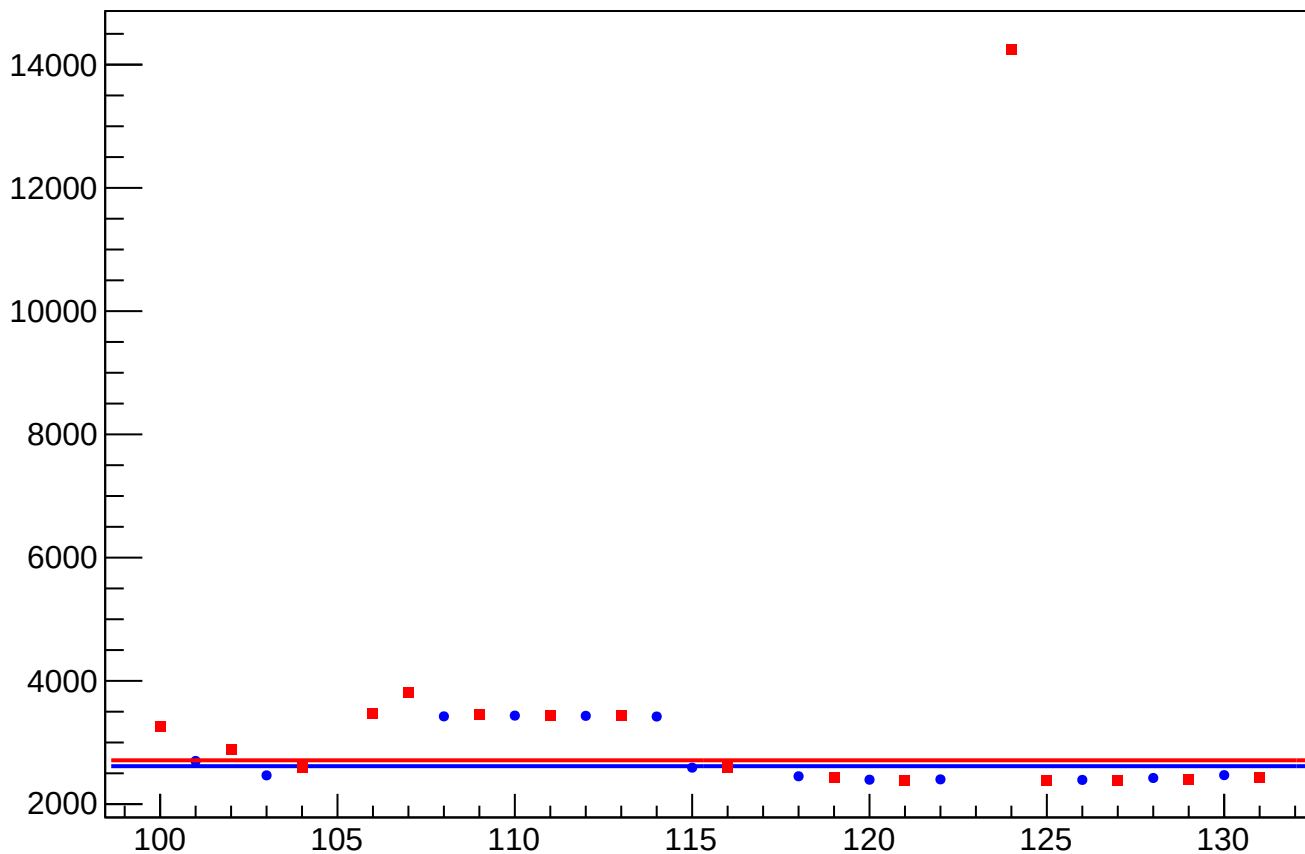
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 507.232+/-785.531 χ^2/NDF : 34.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1_rms vs Slug



Right In: 2615.599+/-0.793 χ^2/NDF : 196547.9/12

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

Right Out: 2711.123+/-0.779 χ^2/NDF : 504291.4/15

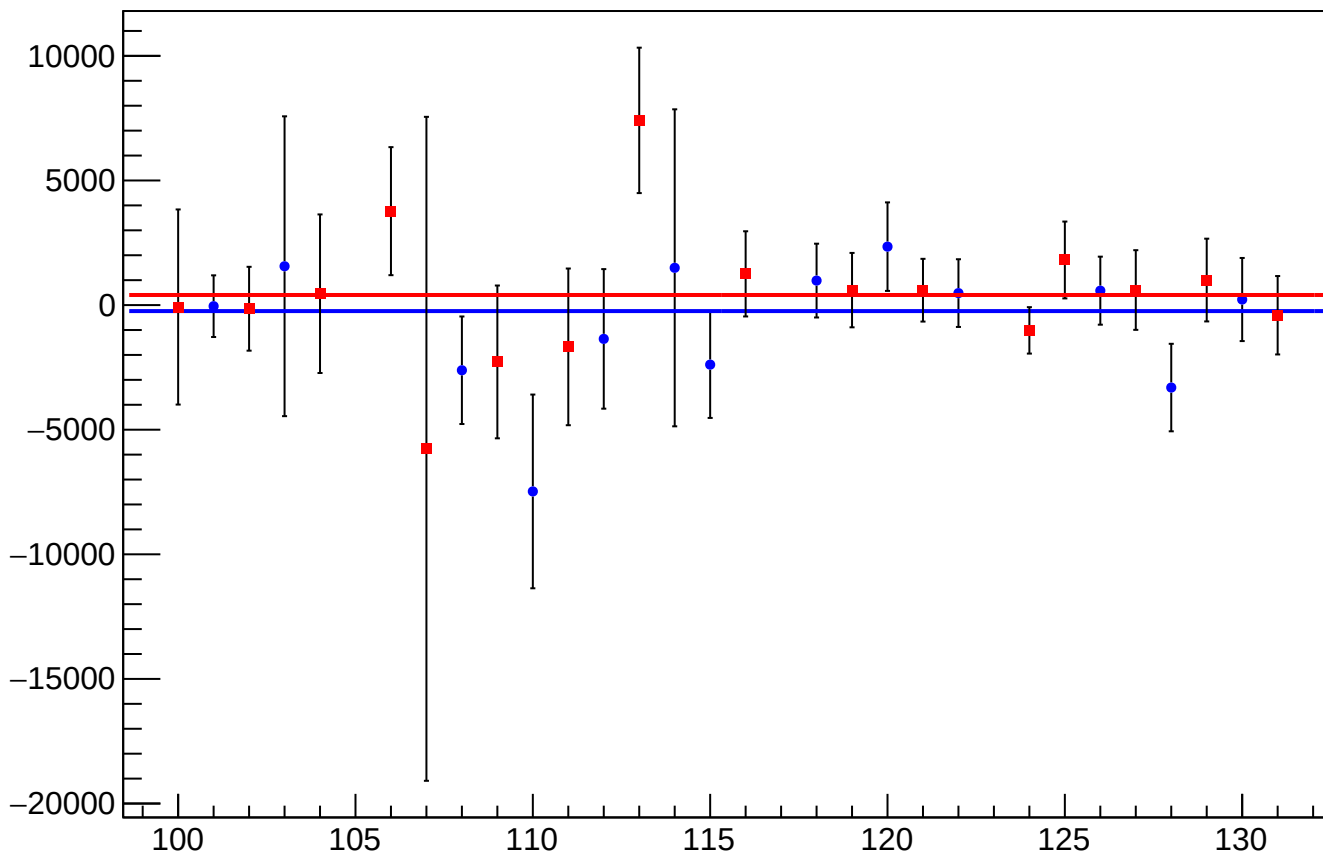
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2664.209+/-0.555 χ^2/NDF : 708230.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_cor_correction_mean vs Slug



Right In: -240.561 $\pm$ 508.417 χ^2 /NDF: 12.6/12

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

Right Out: 405.362 $\pm$ 440.476 χ^2 /NDF: 12.9/15

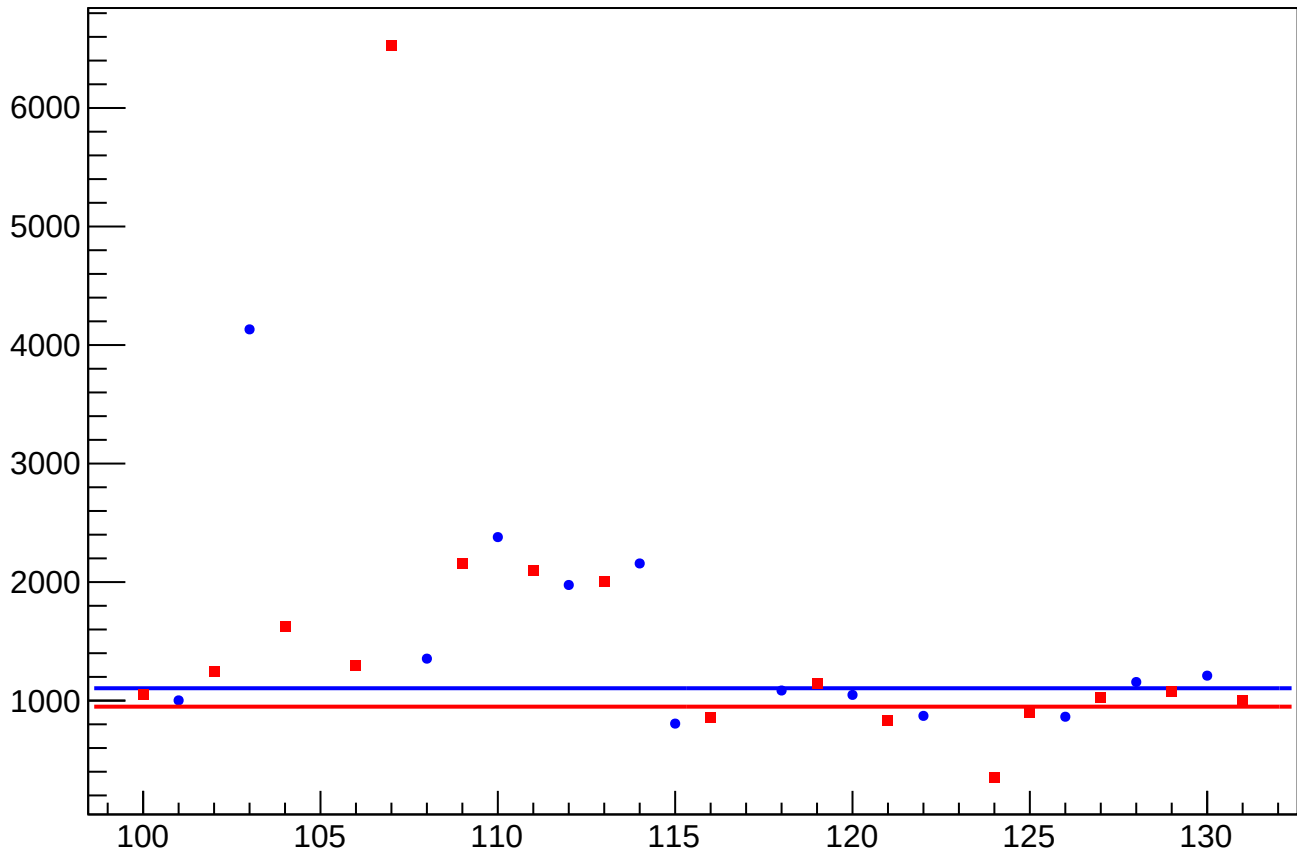
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 128.412 $\pm$ 332.912 χ^2 /NDF: 26.4/28

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

asym_atl1_cor_correction_rms vs Slug



Right In: 1104.415 $\pm$ 0.360 χ^2 /NDF: 1183016.4/12

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

Right Out: 948.970 $\pm$ 0.311 χ^2 /NDF: 2293105.9/15

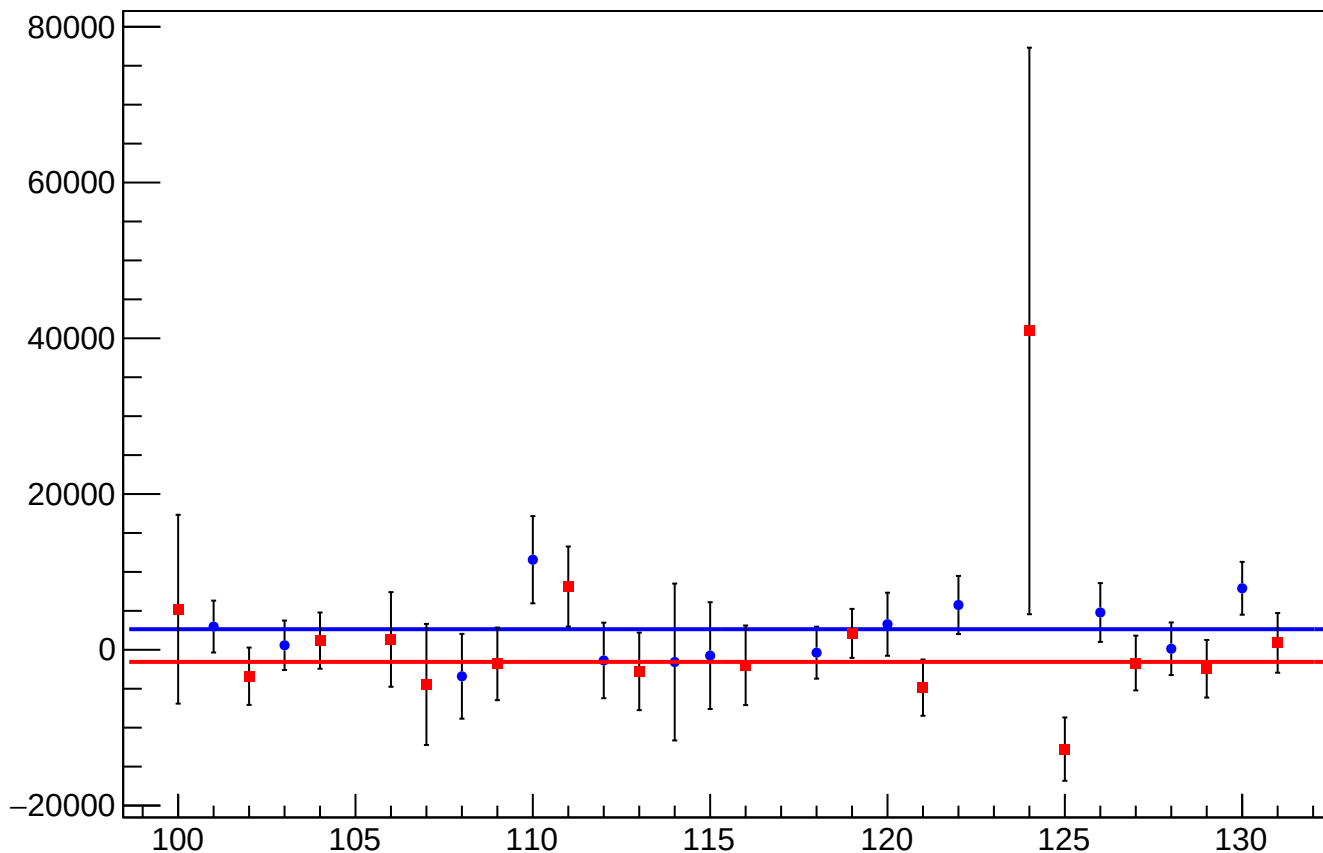
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1015.619 $\pm$ 0.235 χ^2 /NDF: 3582919.2/28

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

eigen_cor_asym_atl1_mean vs Slug



Right In: 2643.020+/-1120.898 χ^2/NDF : 10.1/12

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

Right Out: -1554.078+/-1101.181 χ^2/NDF : 16.7/15

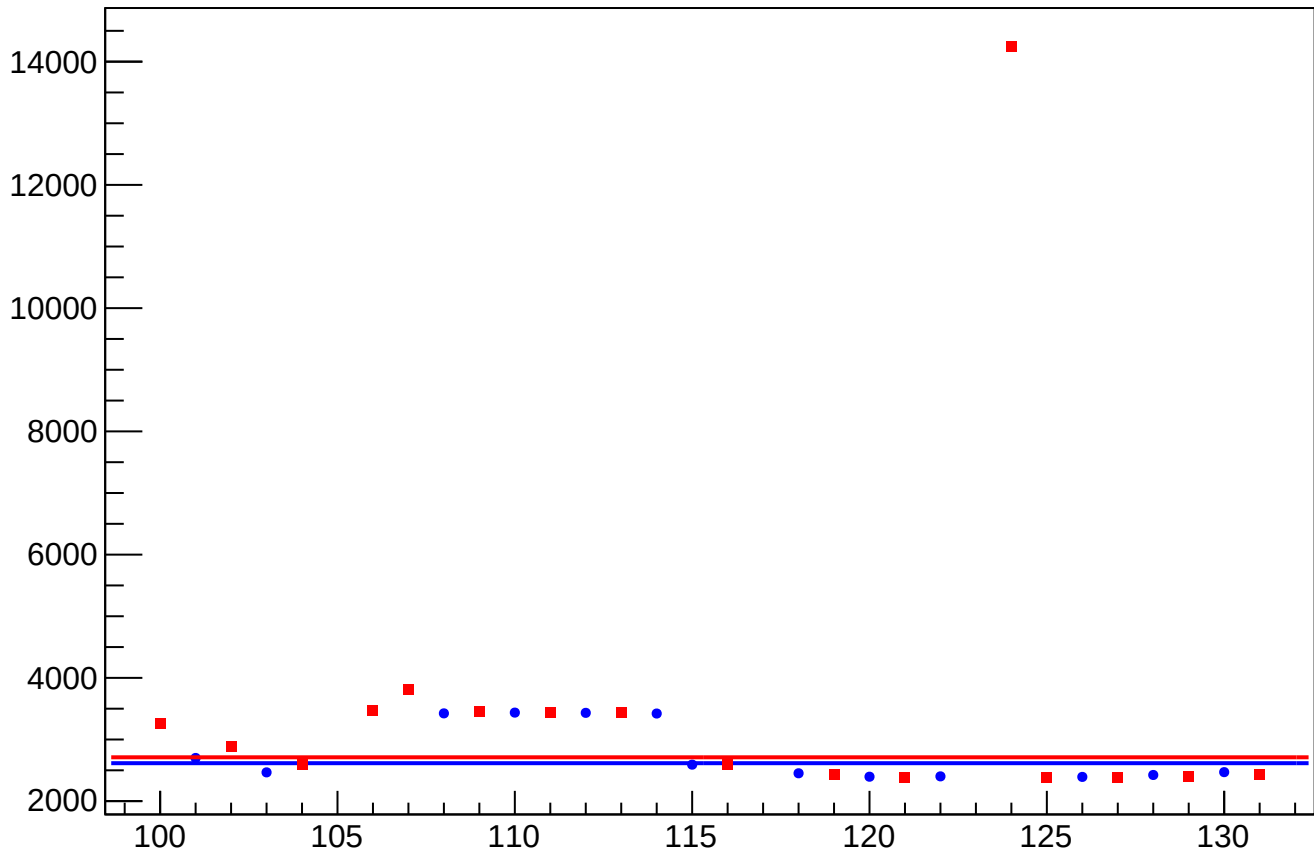
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 507.232+/-785.531 χ^2/NDF : 34.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1_rms vs Slug



Right In: 2615.599+/-0.793 χ^2/NDF : 196547.9/12

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

Right Out: 2711.123+/-0.779 χ^2/NDF : 504291.4/15

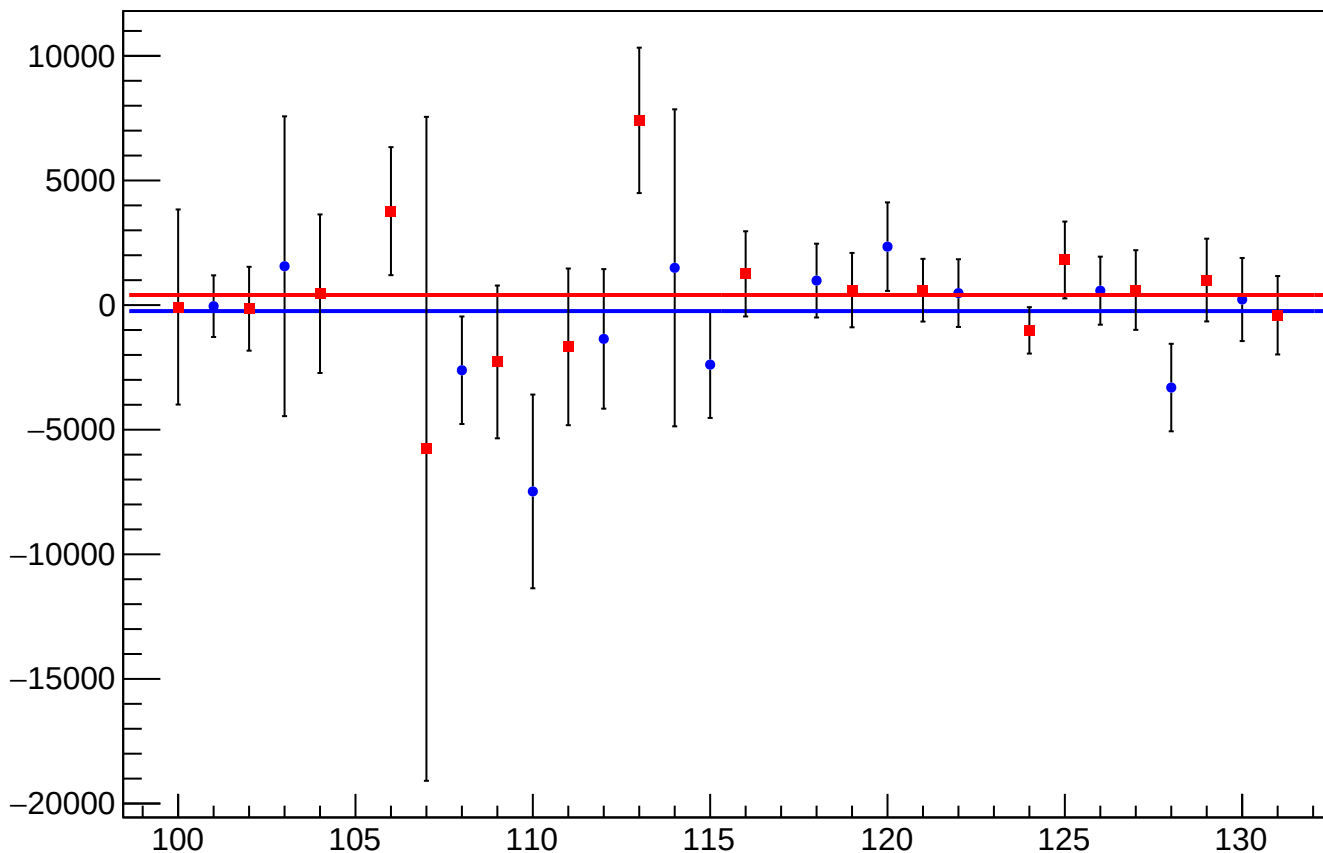
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2664.209+/-0.555 χ^2/NDF : 708230.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_cor_correction_mean vs Slug



Right In: -240.561+/-508.417 χ^2 /NDF: 12.6/12

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

Right Out: 405.362+/-440.476 χ^2 /NDF: 12.9/15

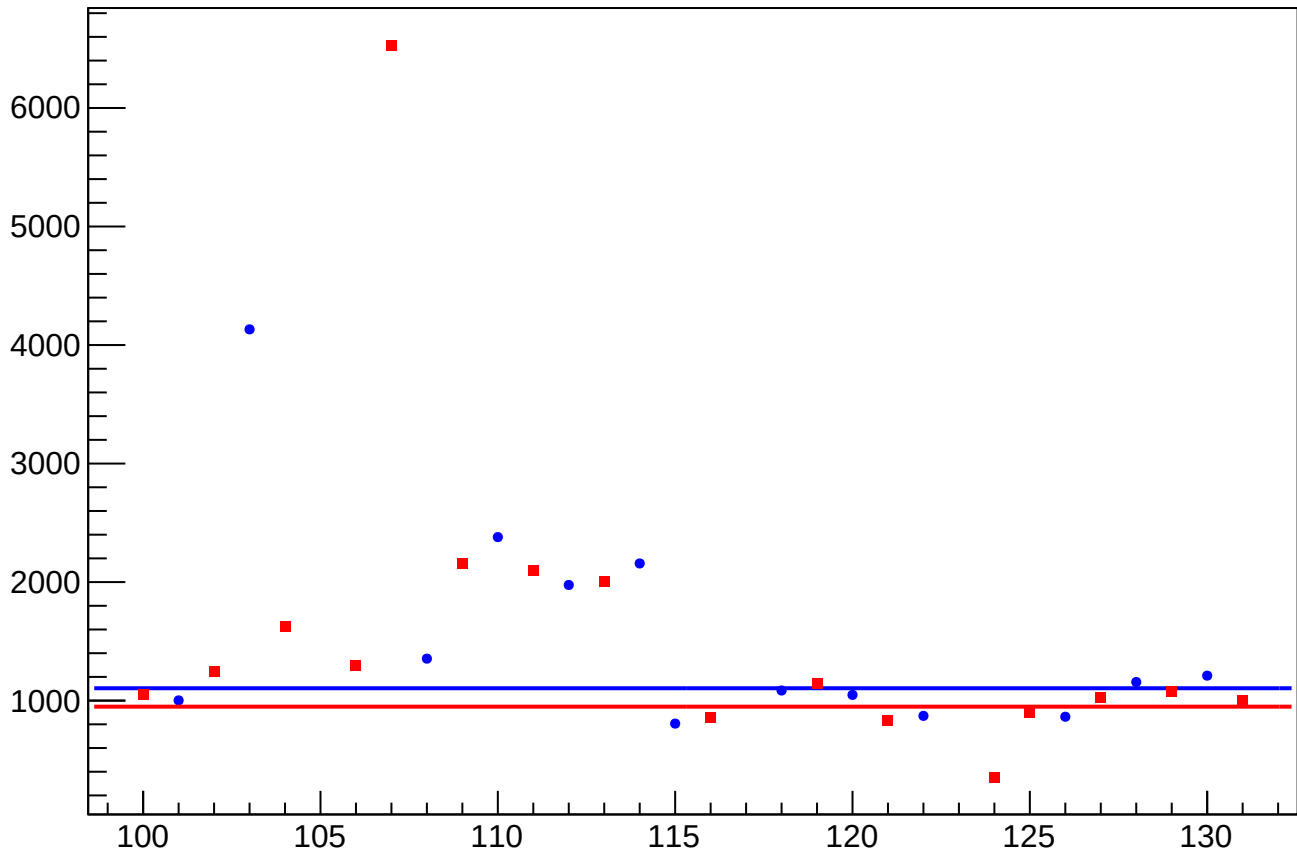
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 128.412+/-332.912 χ^2 /NDF: 26.4/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl1_eigen_cor_correction_rms vs Slug



Right In: 1104.415+/-0.360 χ^2/NDF : 1183016.4/12

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

Right Out: 948.970+/-0.311 χ^2/NDF : 2293105.9/15

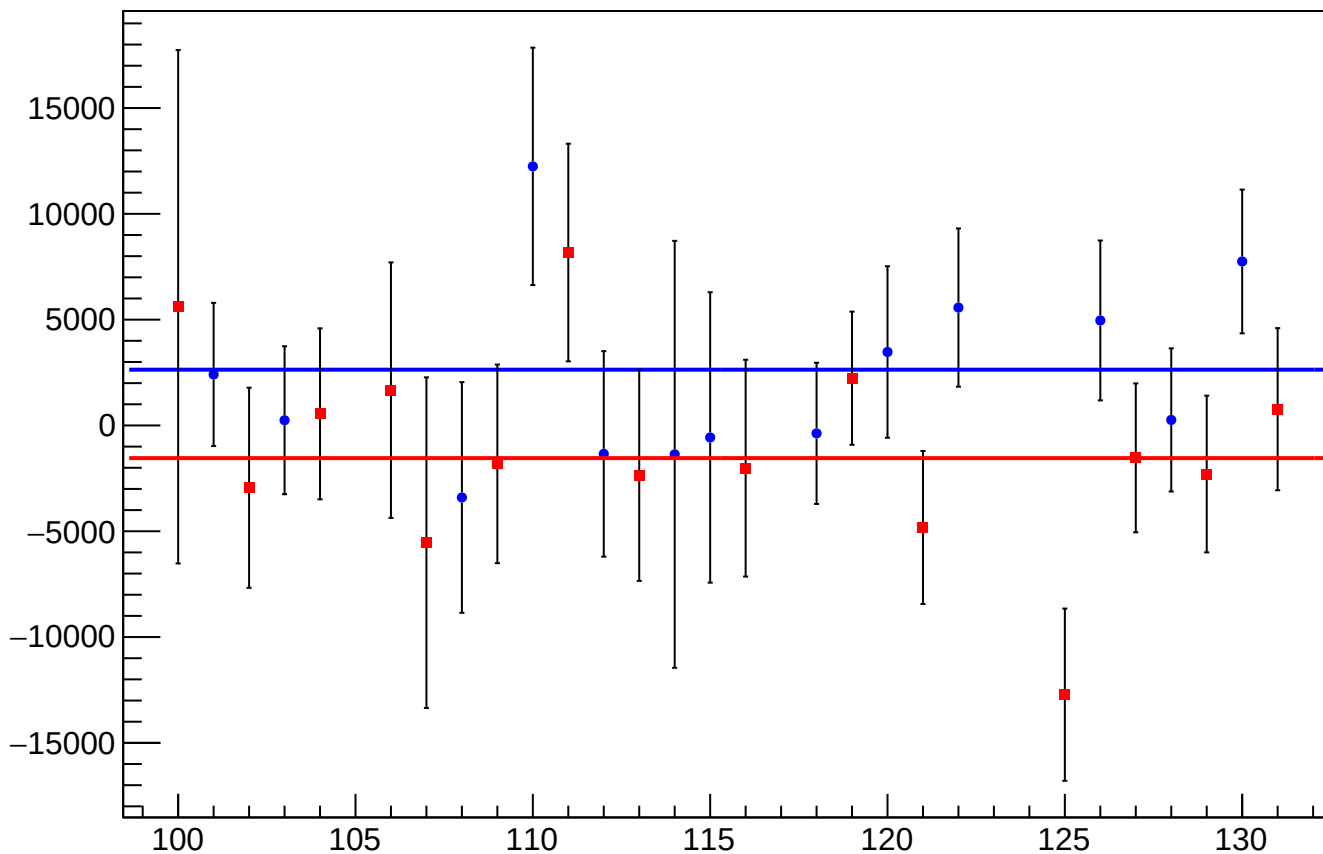
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1015.619+/-0.235 χ^2/NDF : 3582919.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1_mean vs Slug



Right In: 2635.510+/-1136.369 χ^2/NDF : 10.3/12

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

Right Out: -1543.711+/-1133.845 χ^2/NDF : 15.1/14

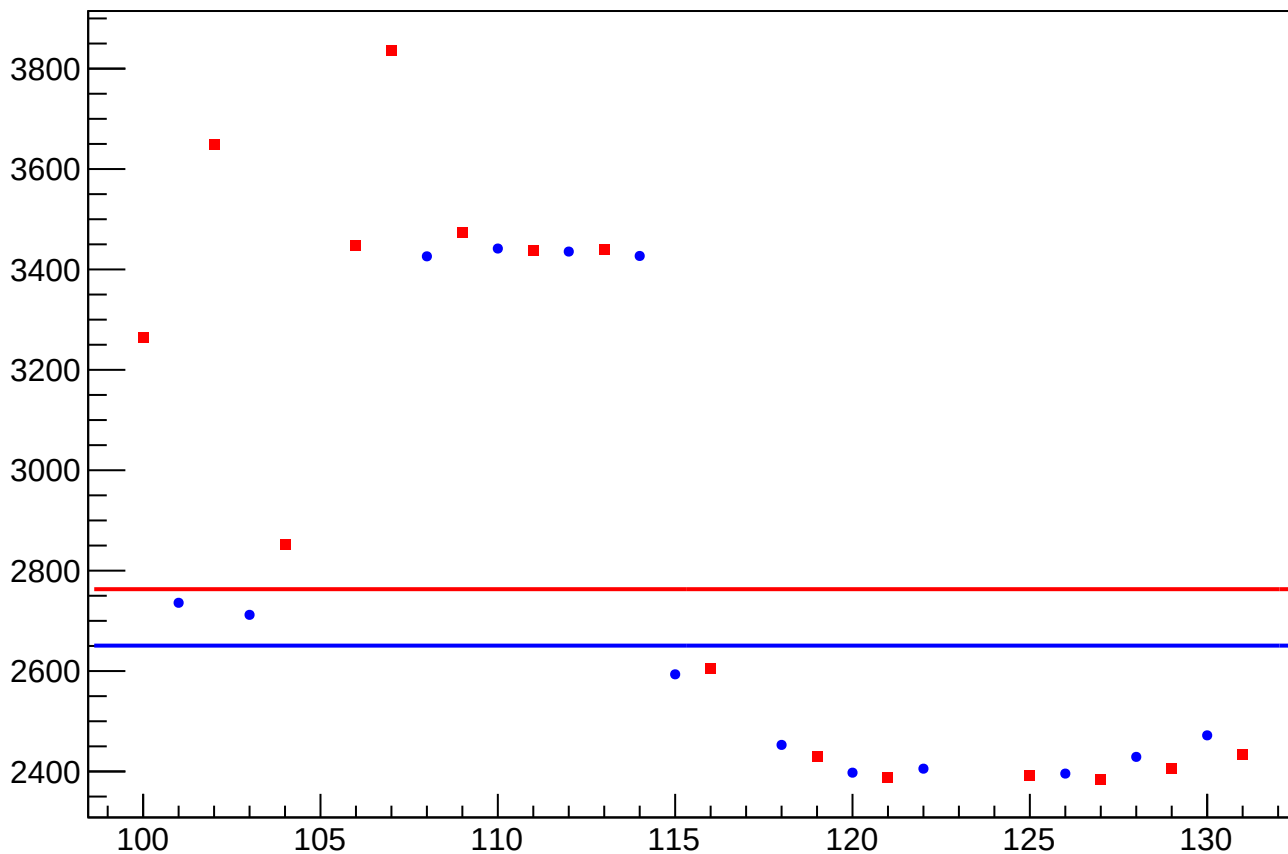
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.254+/-802.640 χ^2/NDF : 32.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1_rms vs Slug



Right In: 2650.677 $\pm$ 0.804 χ^2 /NDF: 193035.0/12

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

Right Out: 2763.096 $\pm$ 0.802 χ^2 /NDF: 374114.1/14

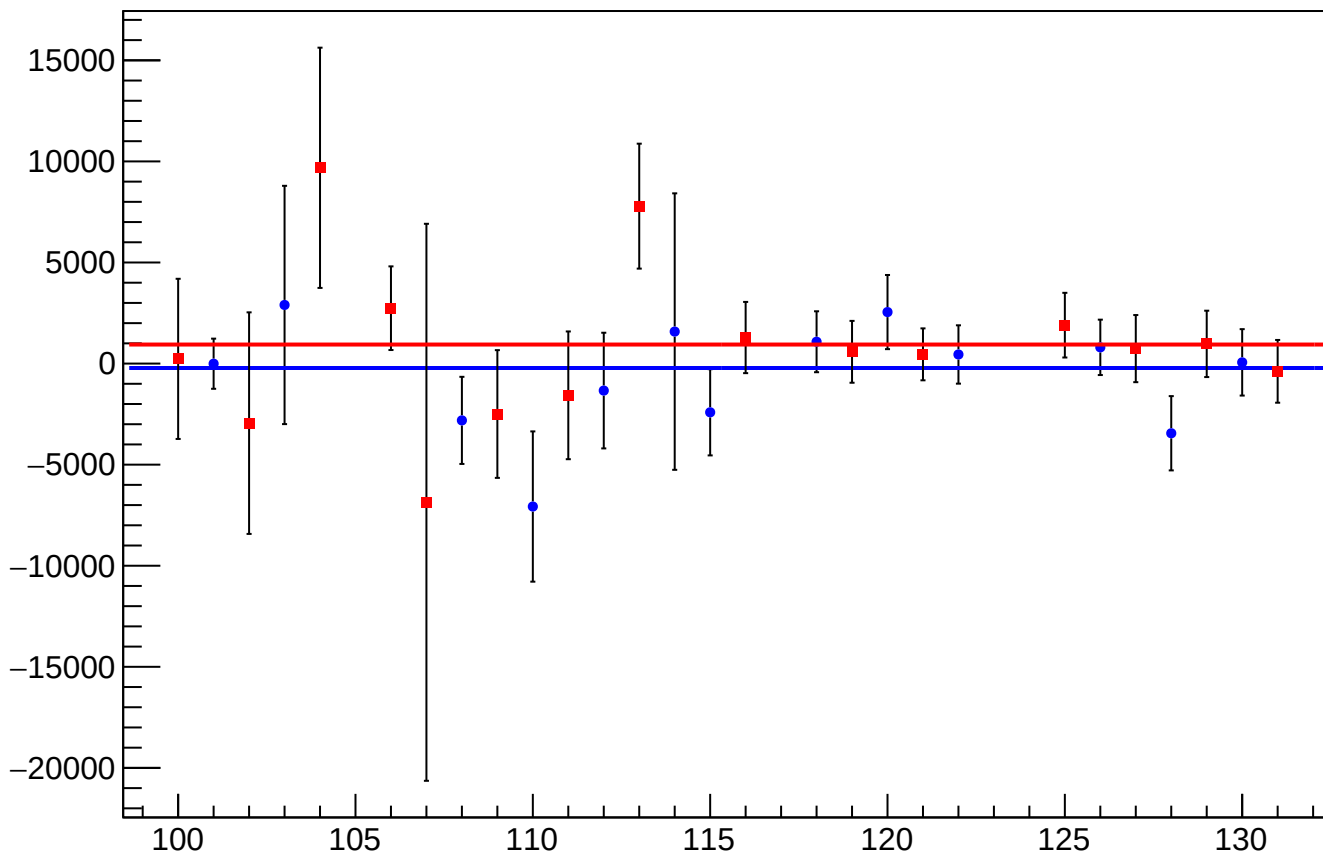
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 2707.011 $\pm$ 0.568 χ^2 /NDF: 576957.7/27

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

asym_atl1_dit_correction_mean vs Slug



Right In: -218.948+/-516.541 χ^2 /NDF: 13.3/12

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

Right Out: 941.369+/-529.638 χ^2 /NDF: 11.8/14

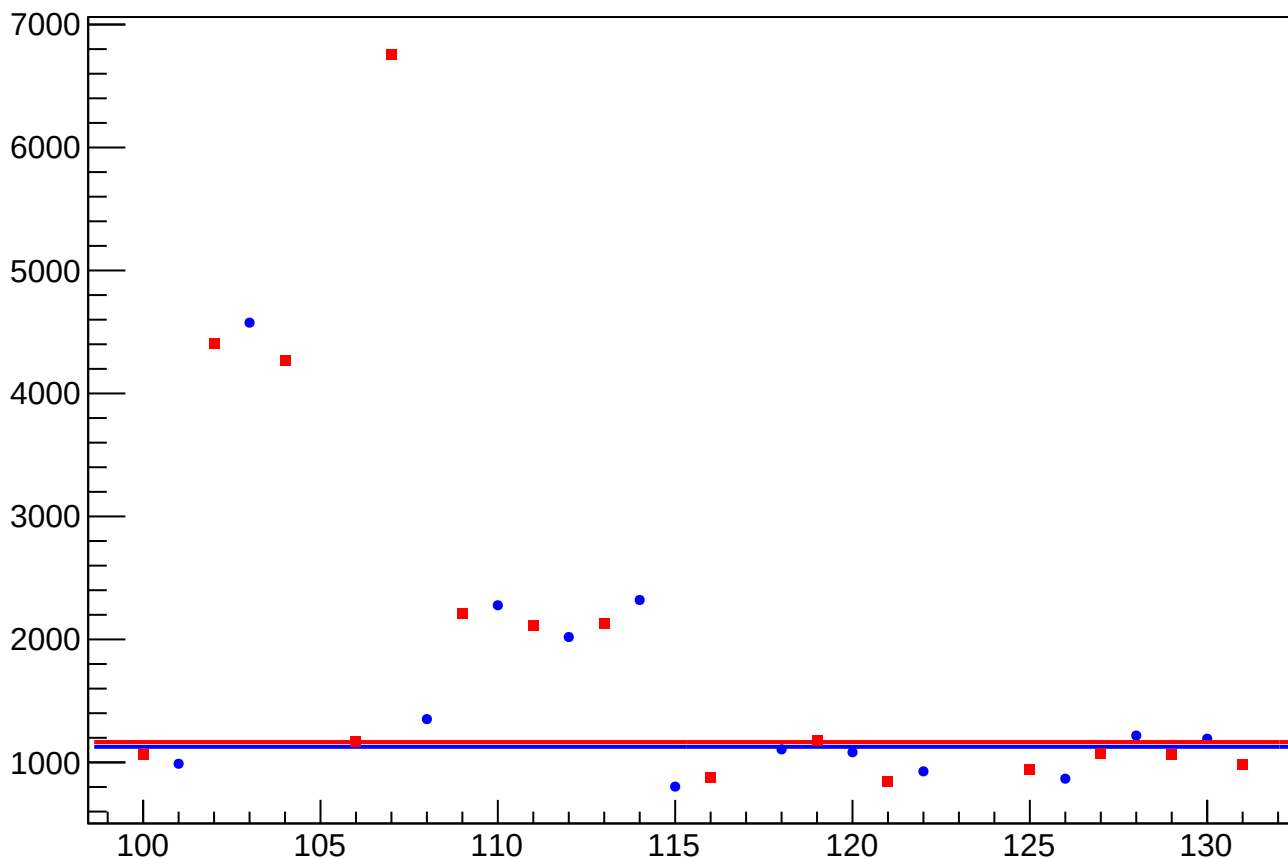
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 346.687+/-369.793 χ^2 /NDF: 27.6/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl1_dit_correction_rms vs Slug



Right In: 1126.739 $\pm$ 0.365 χ^2 /NDF: 1344869.9/12

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

Right Out: 1165.887 $\pm$ 0.375 χ^2 /NDF: 2420577.0/14

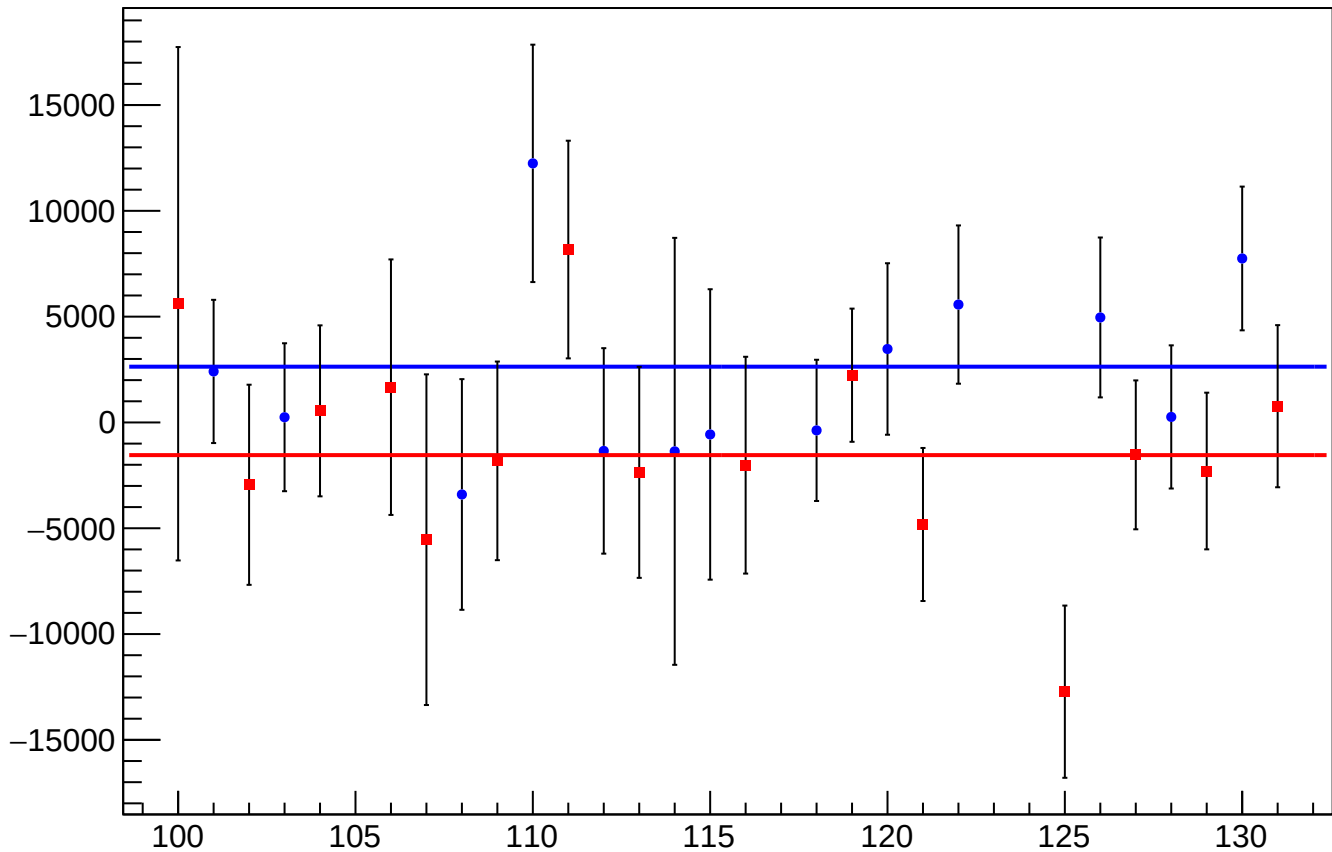
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1145.823 $\pm$ 0.261 χ^2 /NDF: 3771047.0/27

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

eigen_dit_asym_atl1_mean vs Slug



Right In: 2635.506 $\pm$ 1136.368 χ^2 /NDF: 10.3/12

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

Right Out: -1543.709 $\pm$ 1133.845 χ^2 /NDF: 15.1/14

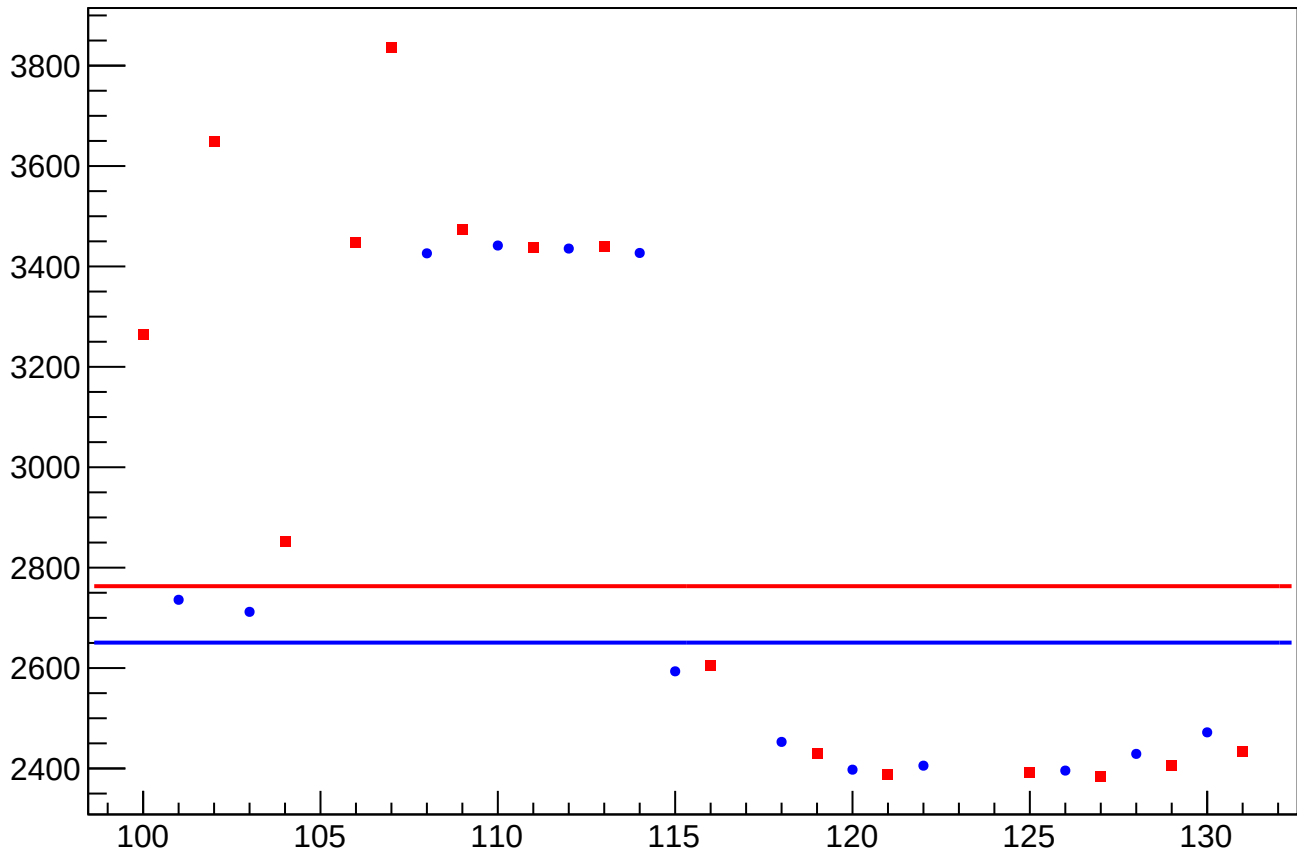
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 541.254 $\pm$ 802.640 χ^2 /NDF: 32.1/27

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

eigen_dit_asym_atl1_rms vs Slug



Right In: 2650.676 $\pm$ 0.804 χ^2 /NDF: 193034.9/12

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

Right Out: 2763.095 $\pm$ 0.802 χ^2 /NDF: 374113.6/14

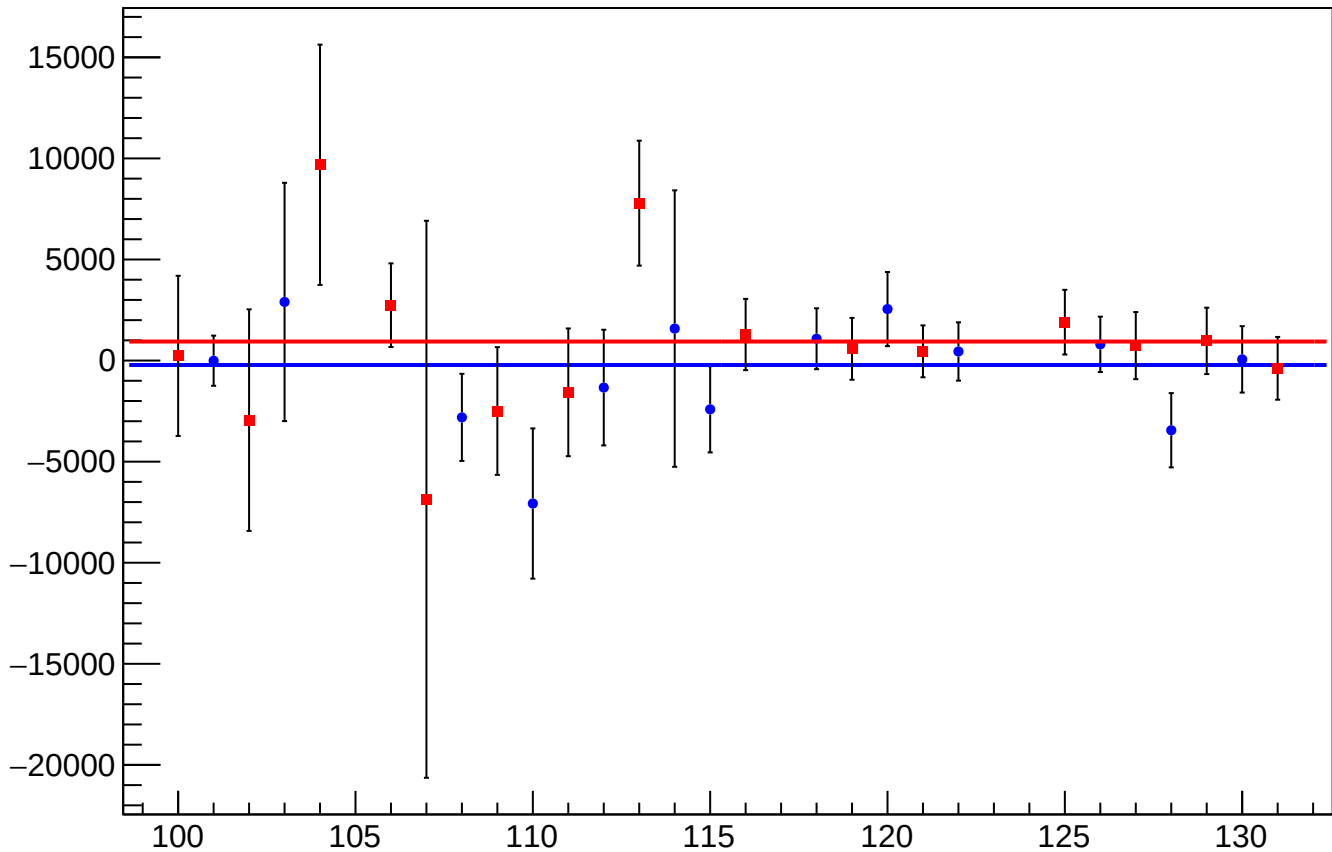
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 2707.011 $\pm$ 0.568 χ^2 /NDF: 576957.1/27

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

asym_atl1_eigen_dit_correction_mean vs Slug



Right In: -218.949+/-516.540 χ^2/NDF : 13.3/12

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

Right Out: 941.368+/-529.638 χ^2/NDF : 11.8/14

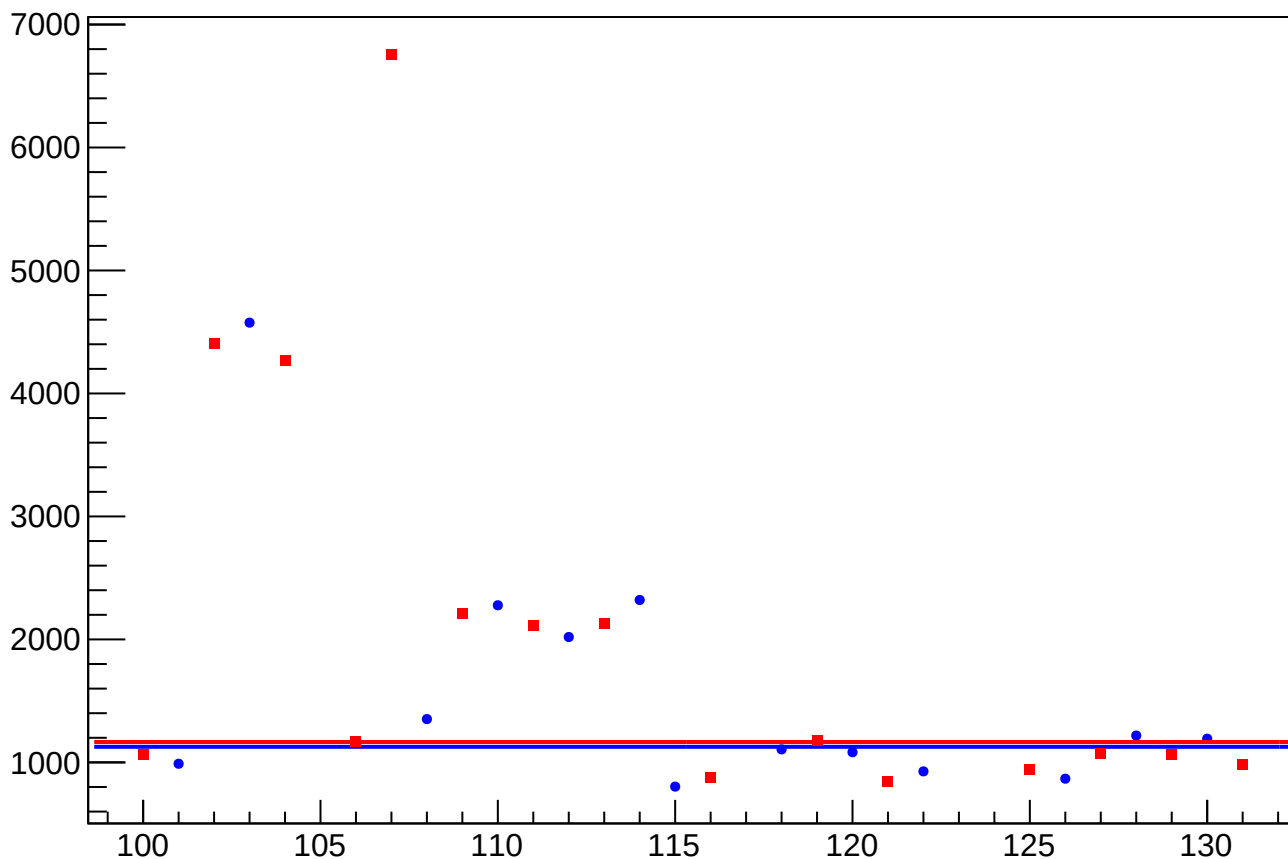
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 346.685+/-369.793 χ^2/NDF : 27.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_dit_correction_rms vs Slug



Right In: 1126.738 $\pm$ 0.365 χ^2 /NDF: 1344870.9/12

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

Right Out: 1165.886 $\pm$ 0.375 χ^2 /NDF: 2420579.3/14

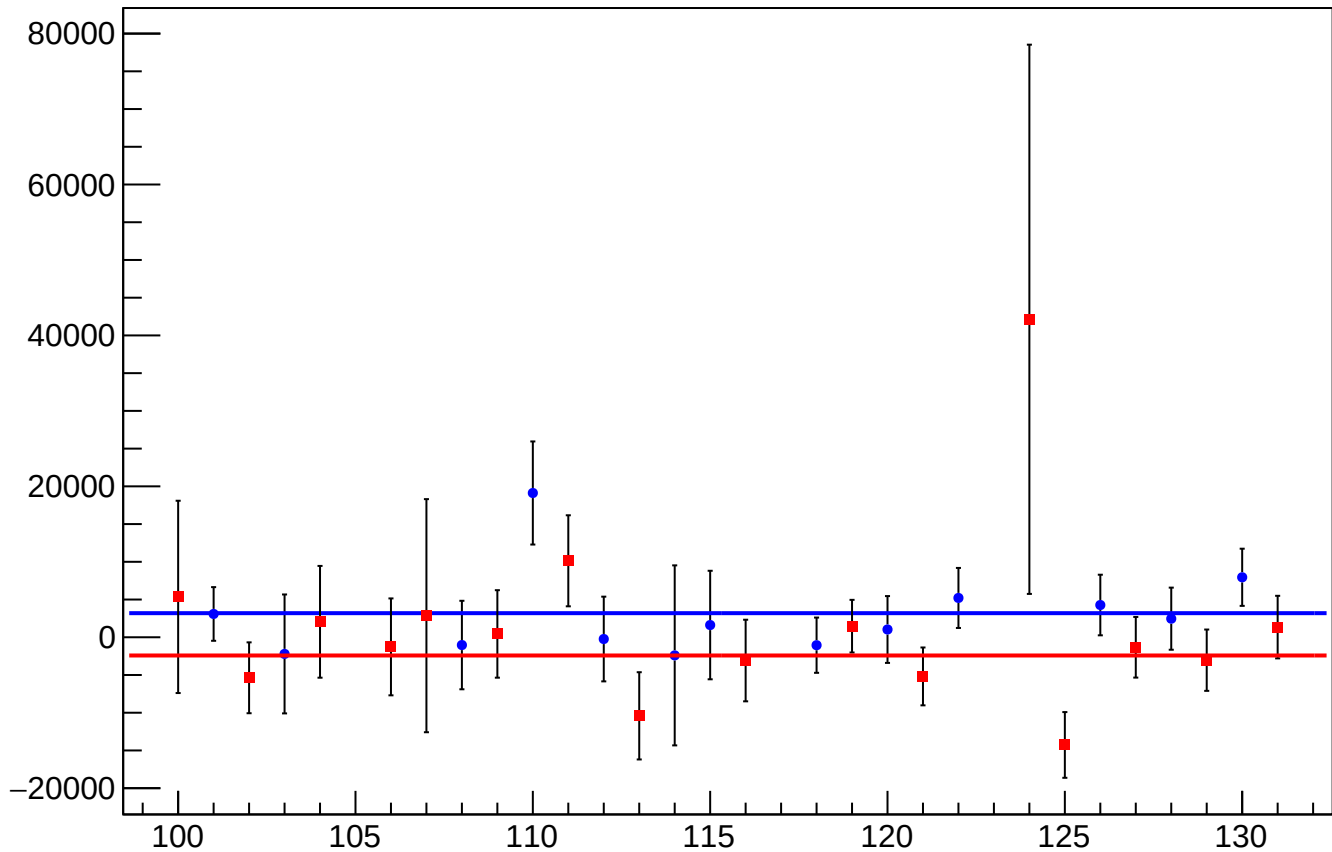
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1145.822 $\pm$ 0.261 χ^2 /NDF: 3771050.3/27

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

asym_atl1_mean vs Slug



Right In: 3193.785+/-1309.286 χ^2/NDF : 10.6/12

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

Right Out: -2414.540+/-1286.749 χ^2/NDF : 19.4/15

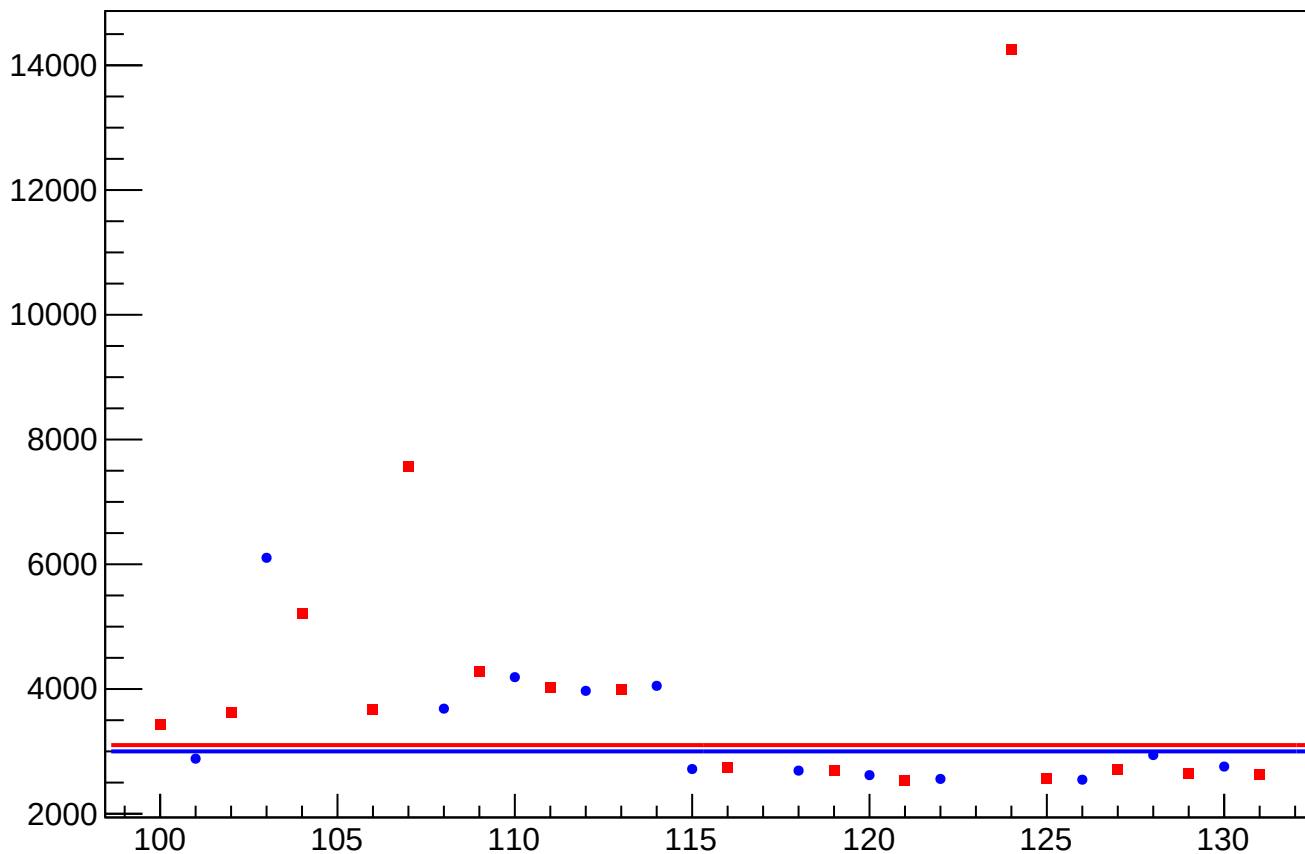
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 340.937+/-917.733 χ^2/NDF : 39.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_rms vs Slug



Right In: 3000.225+/-0.926 χ^2/NDF : 566697.0/12

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

Right Out: 3101.061+/-0.910 χ^2/NDF : 916933.0/15

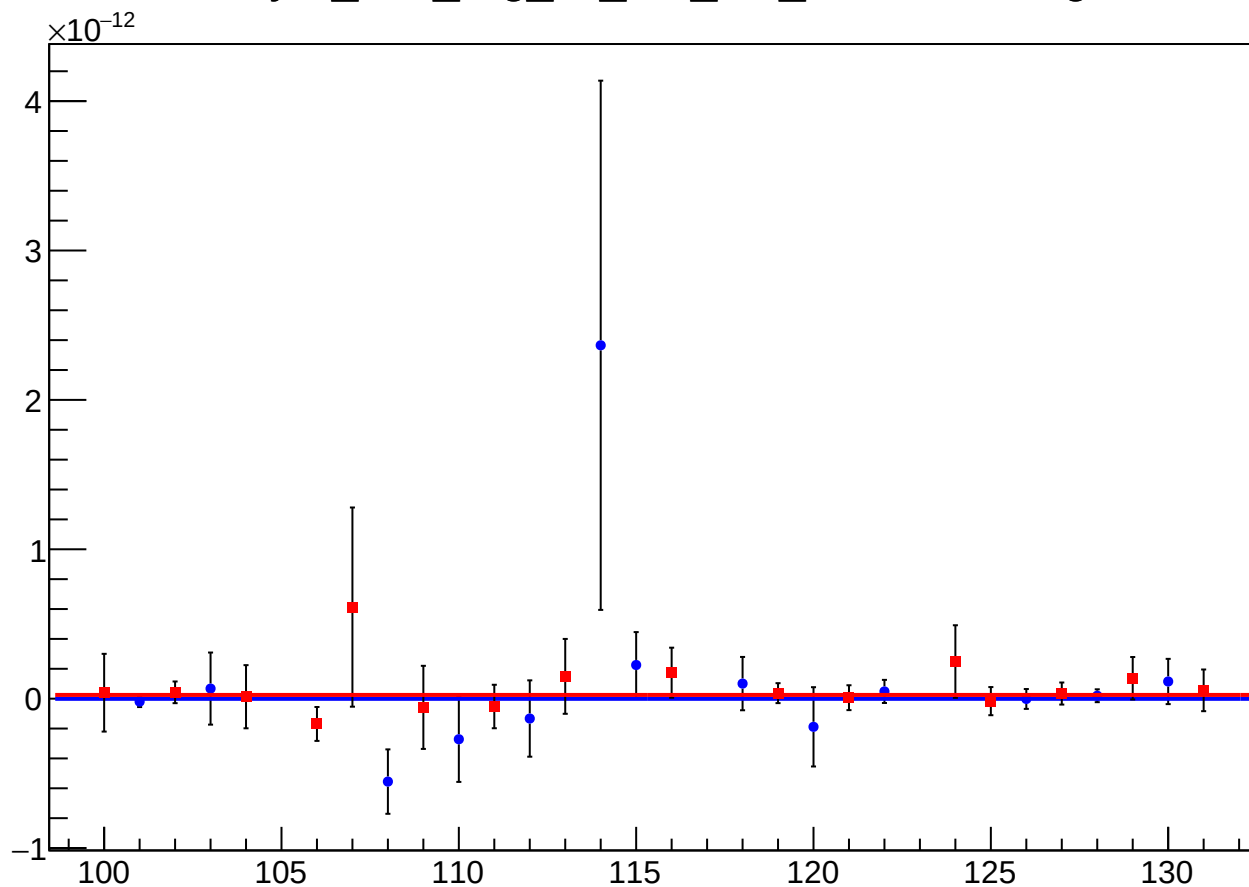
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3051.518+/-0.649 χ^2/NDF : 1489664.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 13.0/12

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

Right Out: 0.000 ± 0.000 χ^2/NDF : 7.0/15

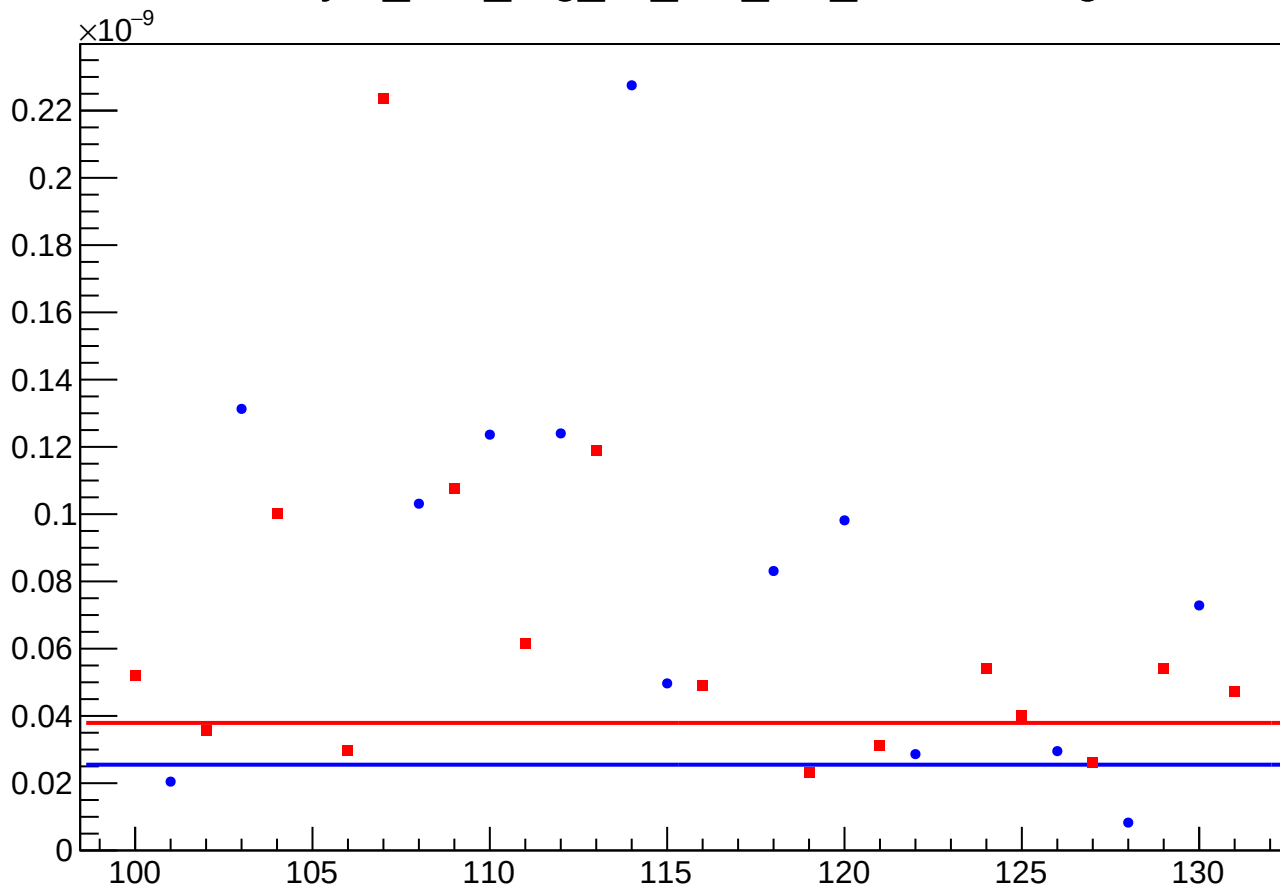
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 20.5/28

- sign 0.000 ± 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 : 2149475.2/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 950221.1/15

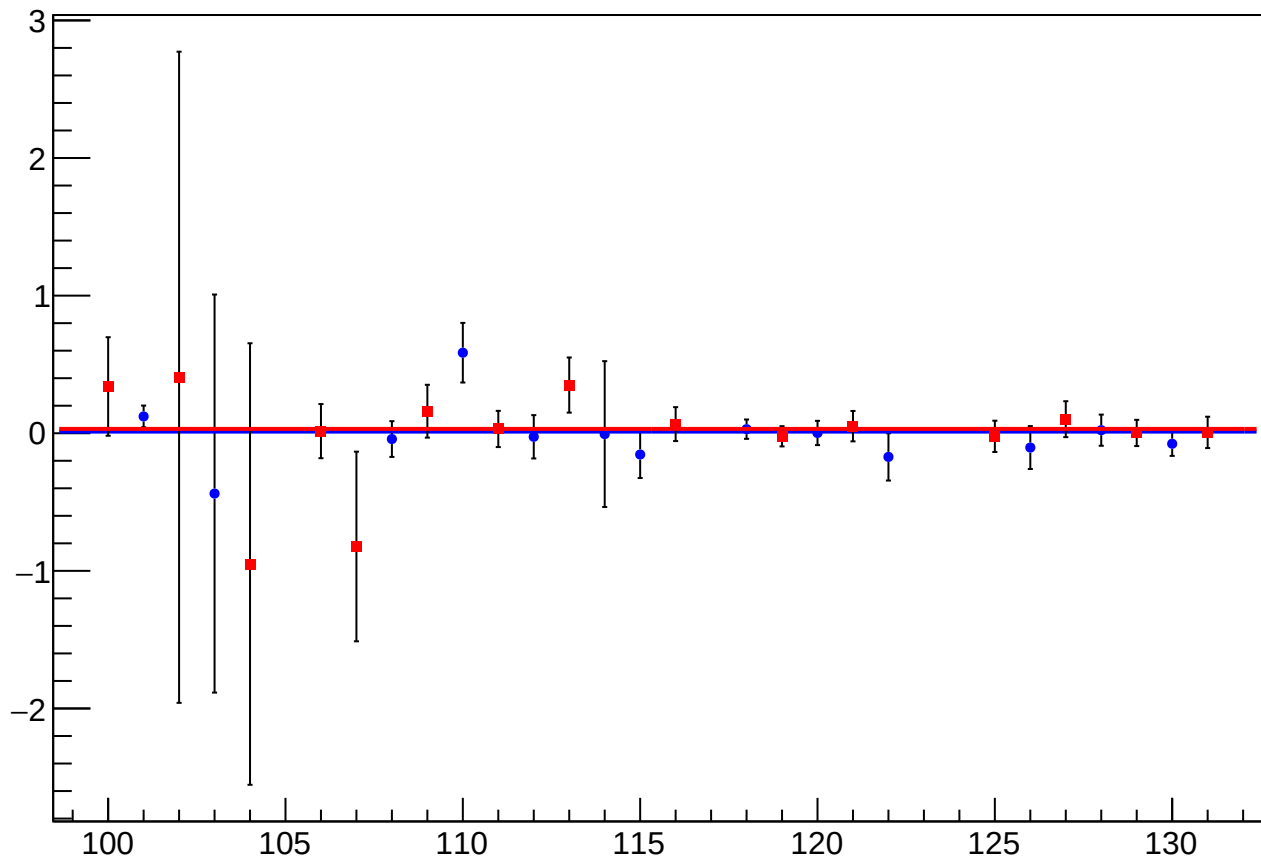
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3325209.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_dit_vs_cor_diff_mean vs Slug



Right In: 0.012 $\pm$ 0.033 χ^2 /NDF: 13.0/12

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

Right Out: 0.032 $\pm$ 0.035 χ^2 /NDF: 7.0/14

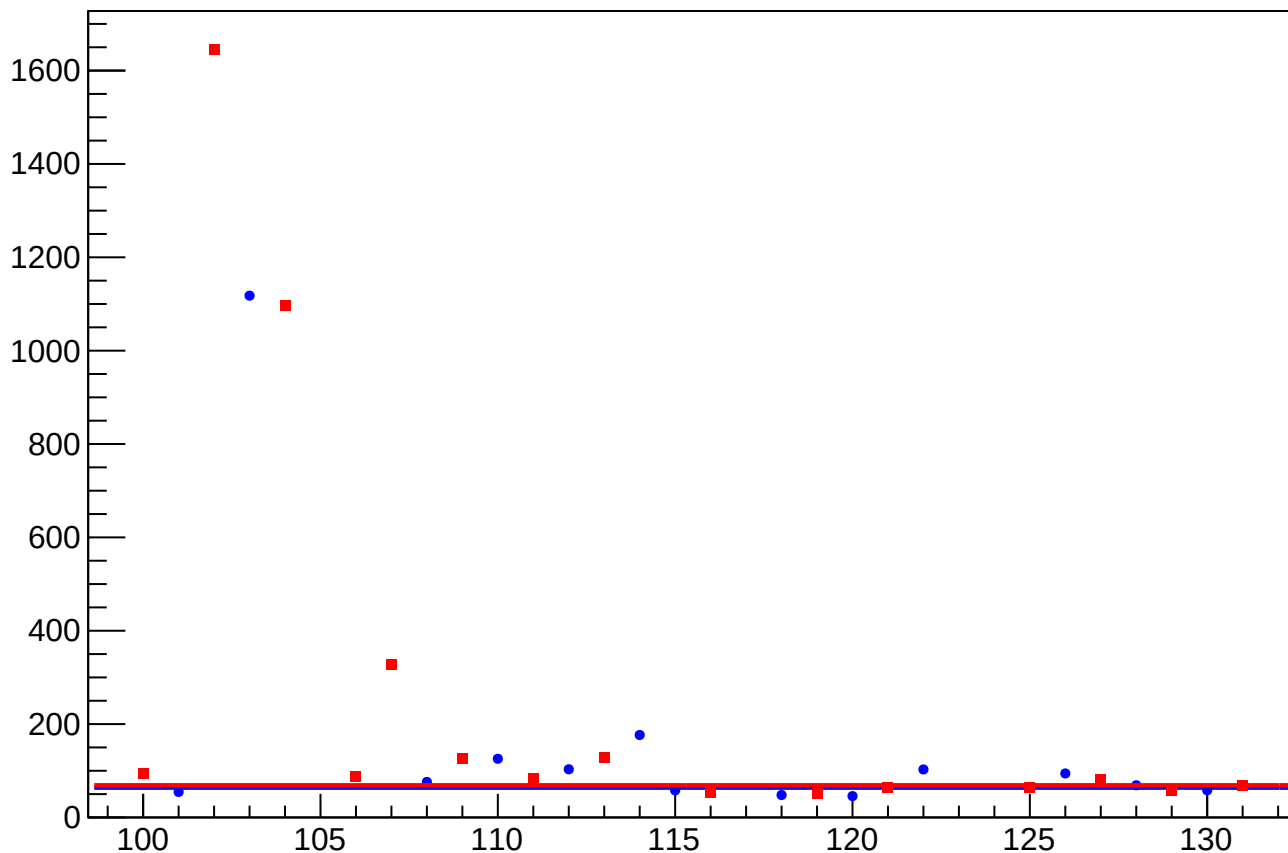
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.021 $\pm$ 0.024 χ^2 /NDF: 20.2/27

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

asym_atl1_dit_vs_cor_diff_rms vs Slug



Right In: 63.431+/-0.023 χ^2/NDF : 1864599.7/12

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

Right Out: 69.360+/-0.025 χ^2/NDF : 2587532.8/14

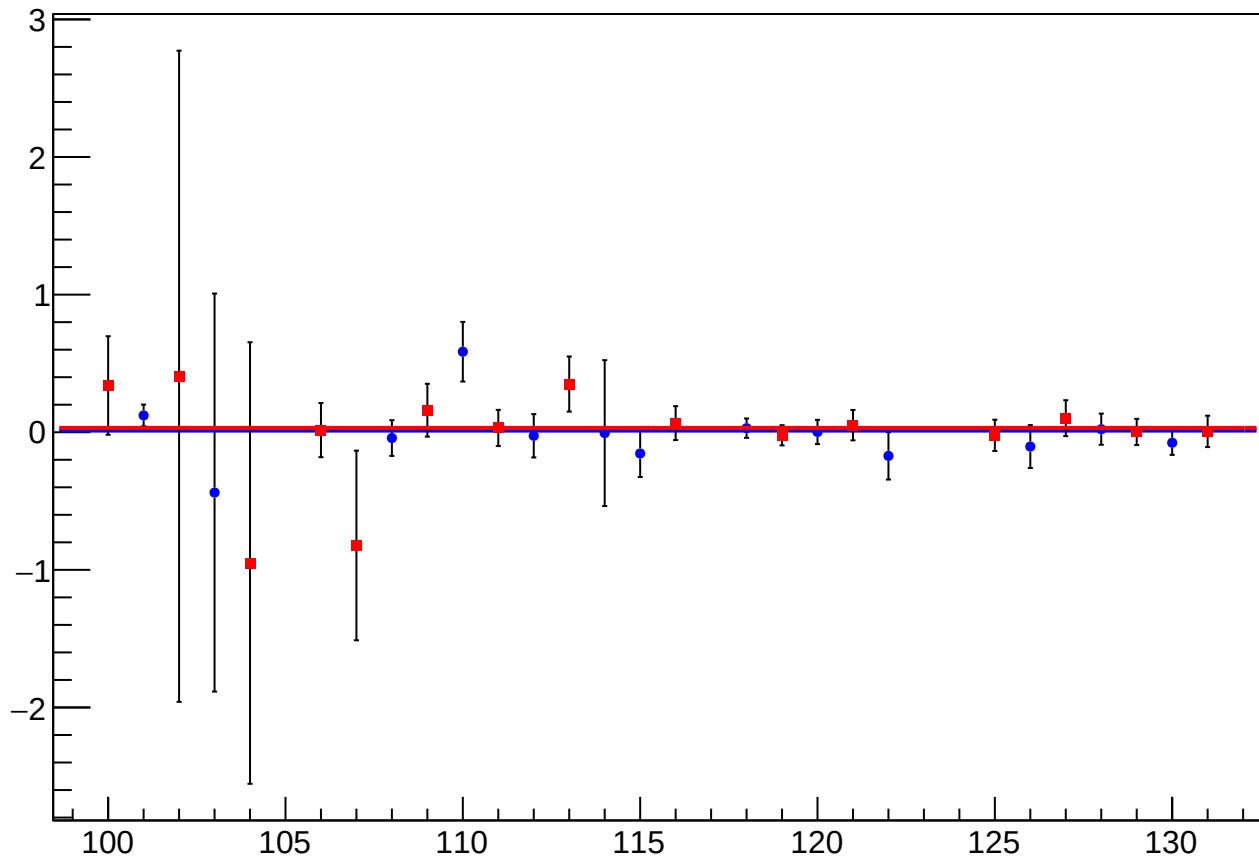
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.173+/-0.017 χ^2/NDF : 4482466.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.012 $\pm$ 0.033 χ^2/NDF : 13.0/12

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

Right Out: 0.032 $\pm$ 0.035 χ^2/NDF : 7.0/14

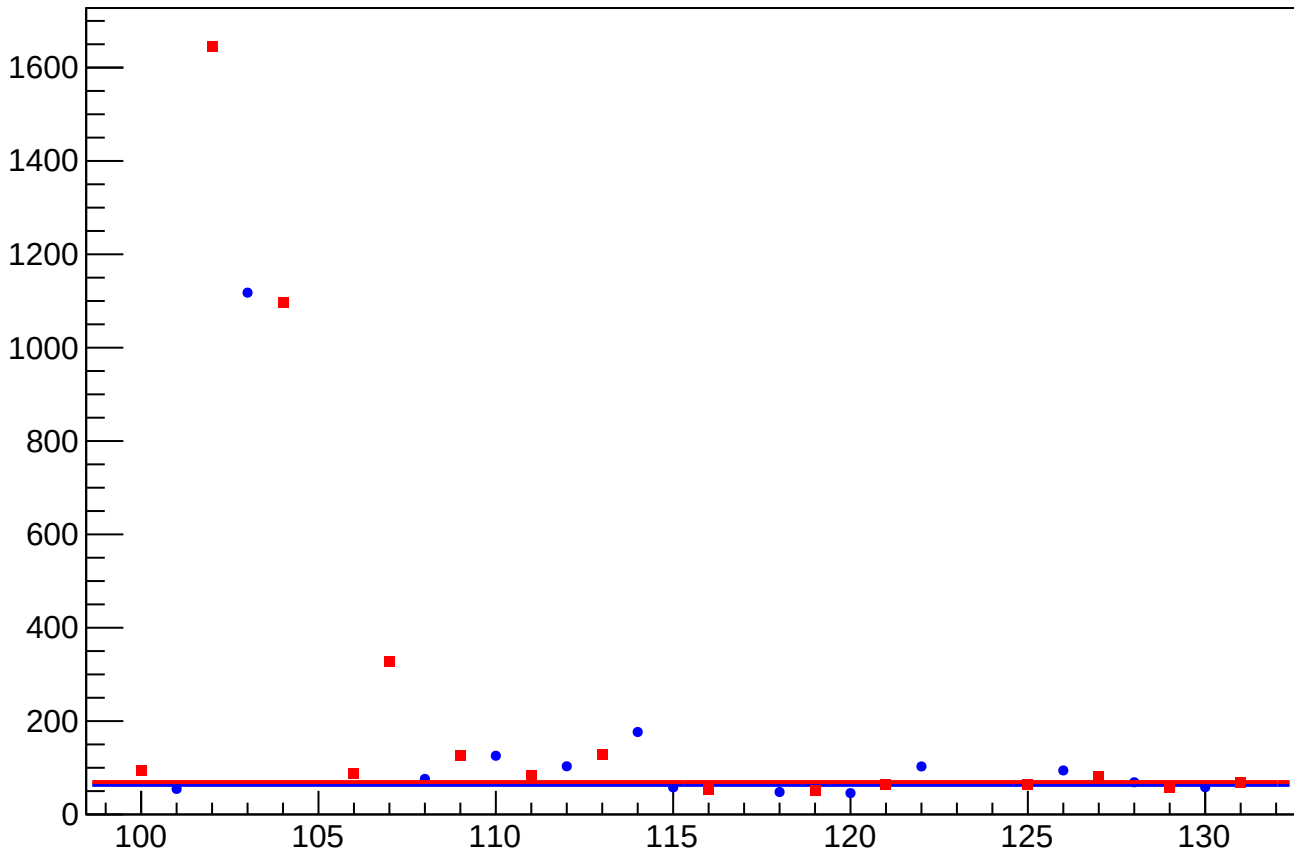
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: 0.021 $\pm$ 0.024 χ^2/NDF : 20.2/27

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

asym_atl1_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 63.431+/-0.023 χ^2/NDF : 1864599.7/12

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

Right Out: 69.360+/-0.025 χ^2/NDF : 2587532.8/14

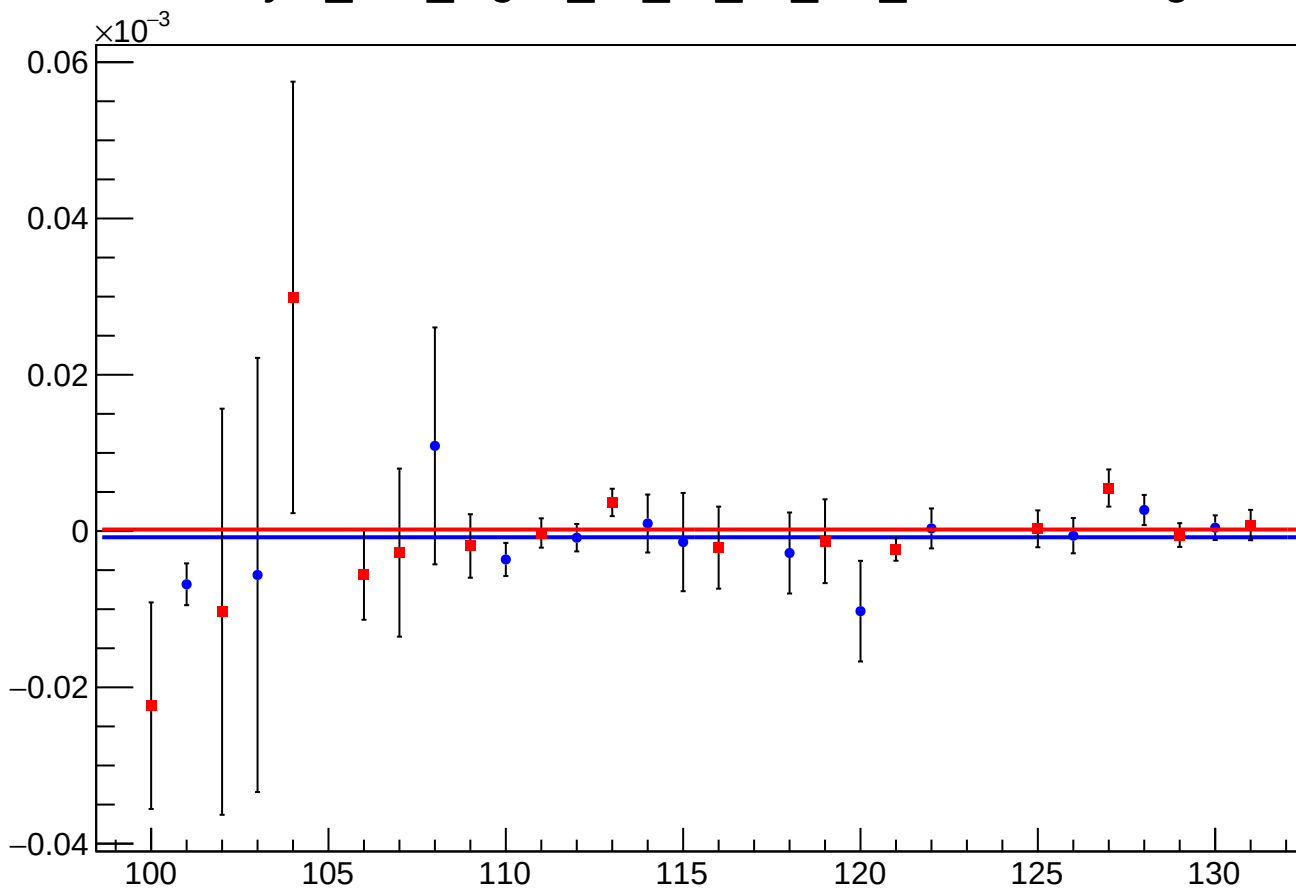
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.173+/-0.017 χ^2/NDF : 4482466.1/27

- sign 0.000+/-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 : 14.1/12

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

Right Out: 0.000 ± 0.000 χ^2/NDF : 18.3/14

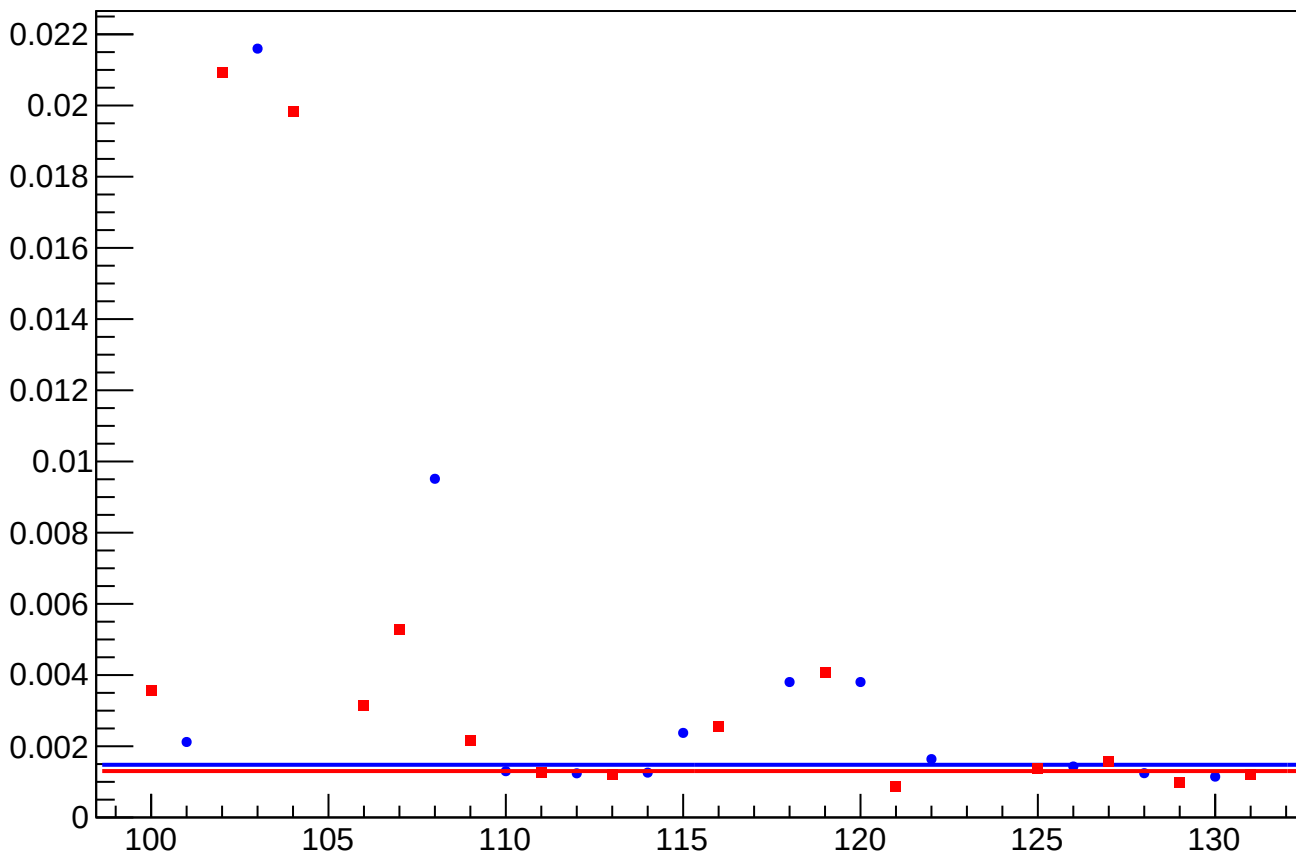
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 33.4/27

- 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 : 2615459.7/12

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

Right Out: 0.001+/-0.000 χ^2/NDF : 3609796.6/14

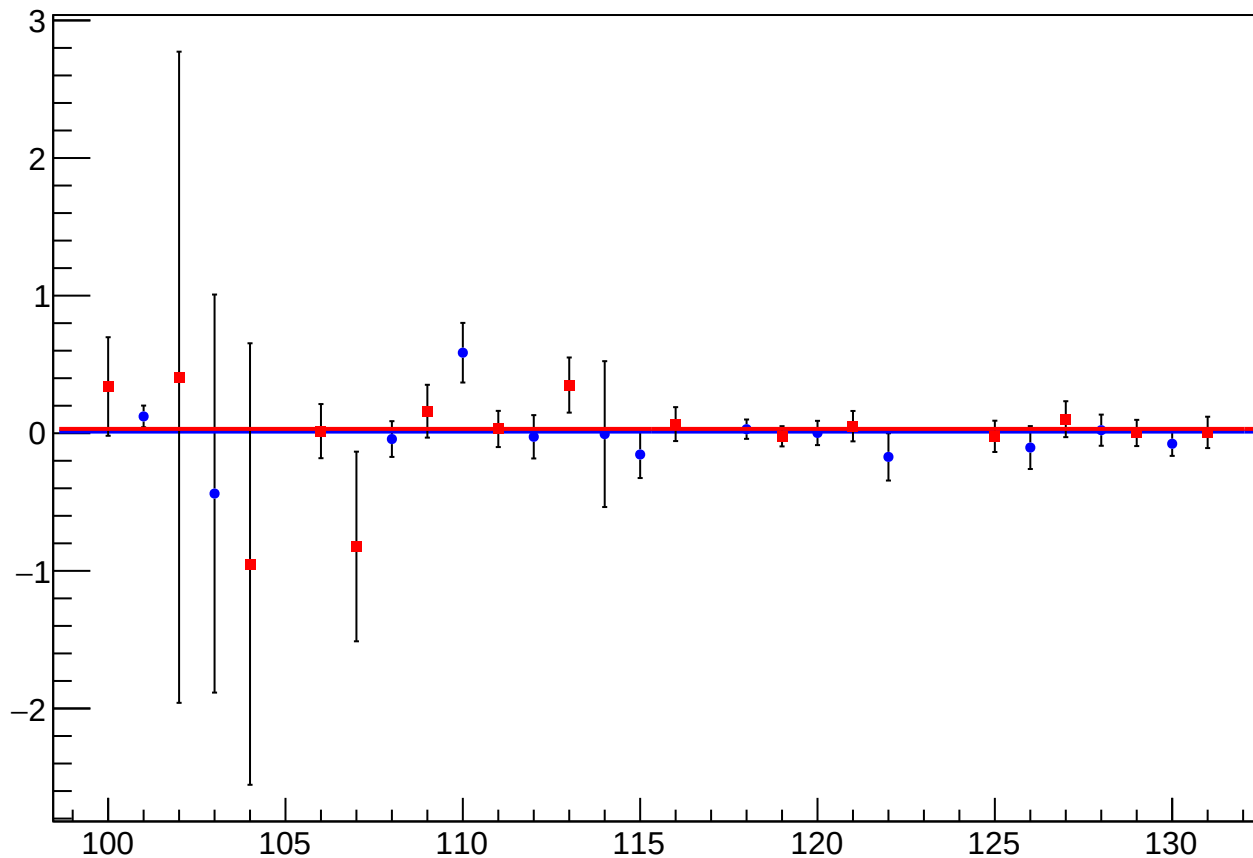
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6289890.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.012 $\pm$ 0.033 χ^2 /NDF: 13.0/12

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

Right Out: 0.032 $\pm$ 0.035 χ^2 /NDF: 7.0/14

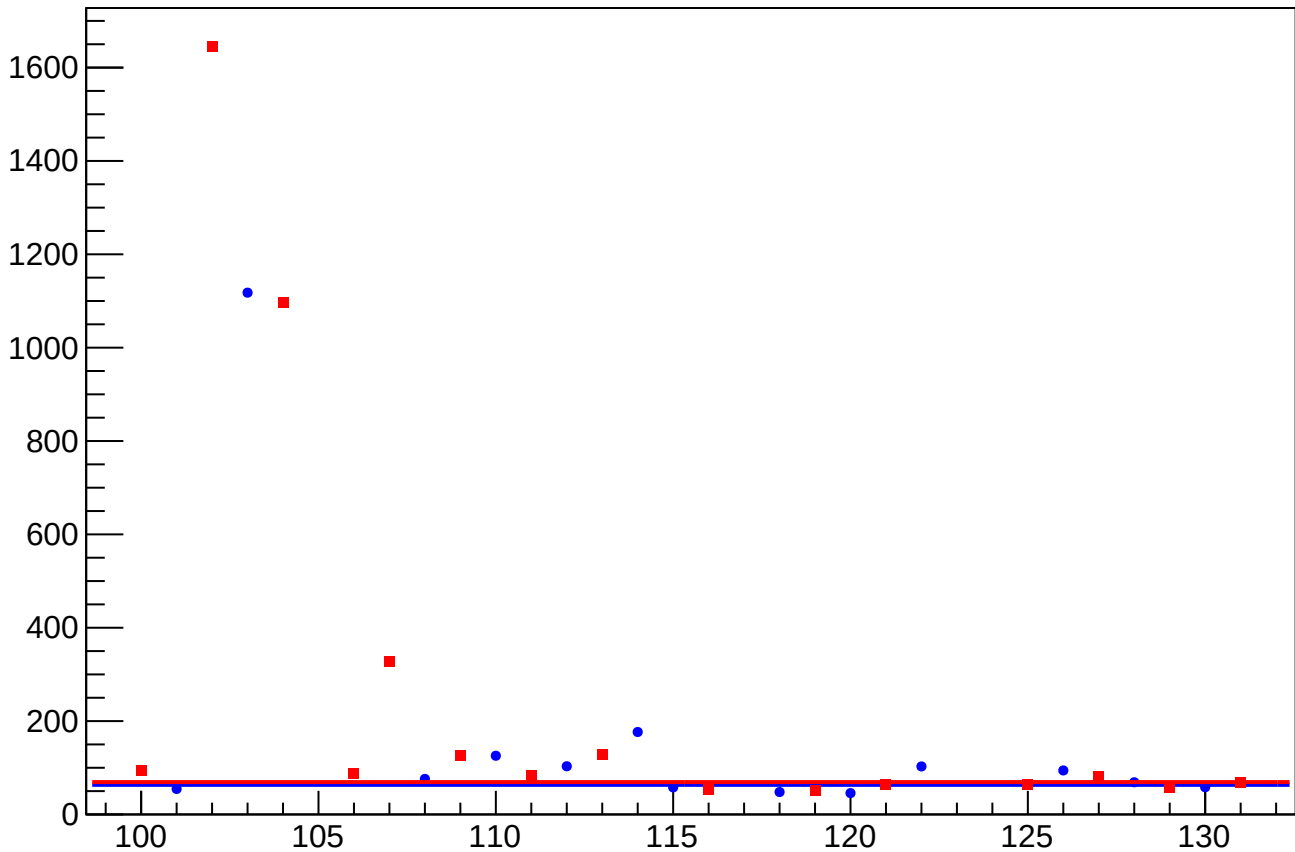
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.021 $\pm$ 0.024 χ^2 /NDF: 20.2/27

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

asym_atl1_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 63.430+/-0.023 χ^2/NDF : 1864666.5/12

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

Right Out: 69.359+/-0.025 χ^2/NDF : 2587548.1/14

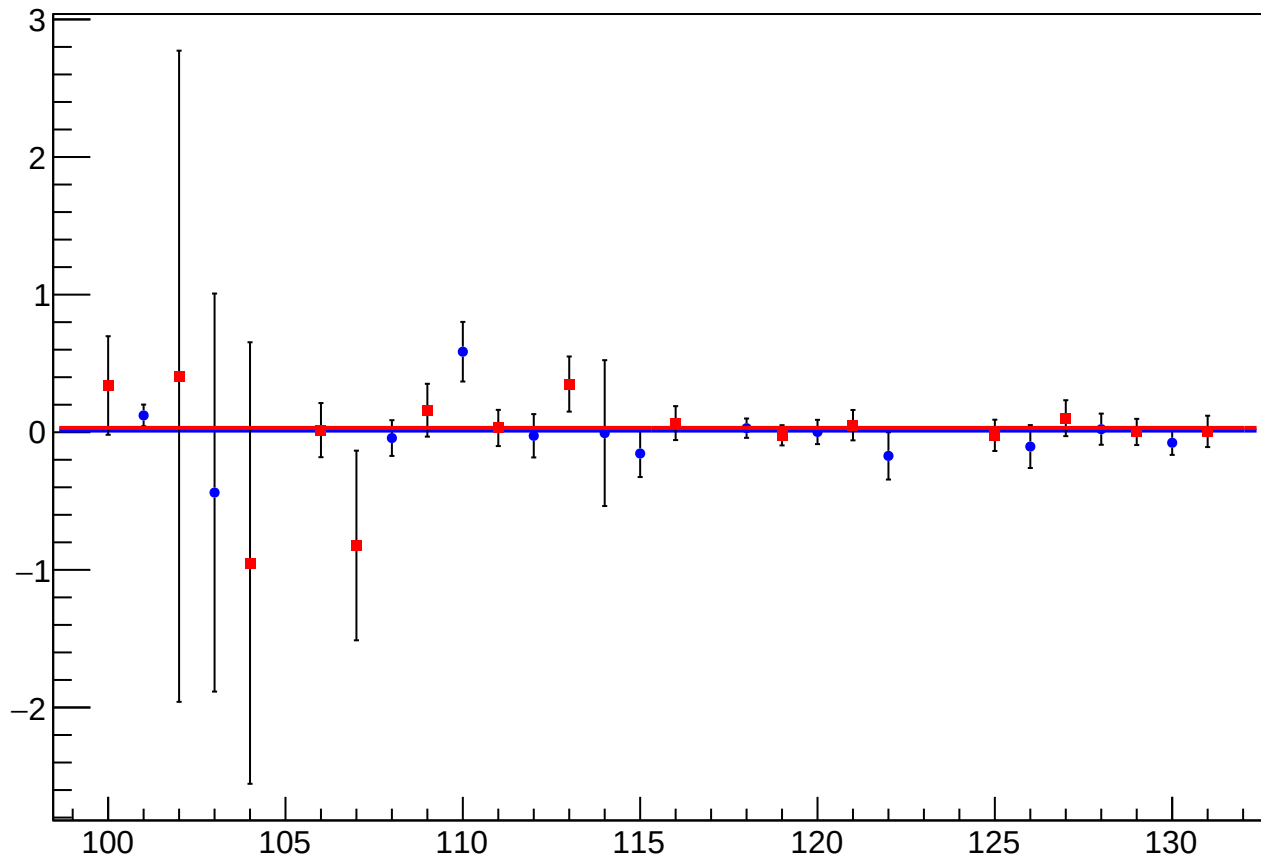
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.173+/-0.017 χ^2/NDF : 4482553.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.012 $\pm$ 0.033 χ^2 /NDF: 13.0/12

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

Right Out: 0.032 $\pm$ 0.035 χ^2 /NDF: 7.0/14

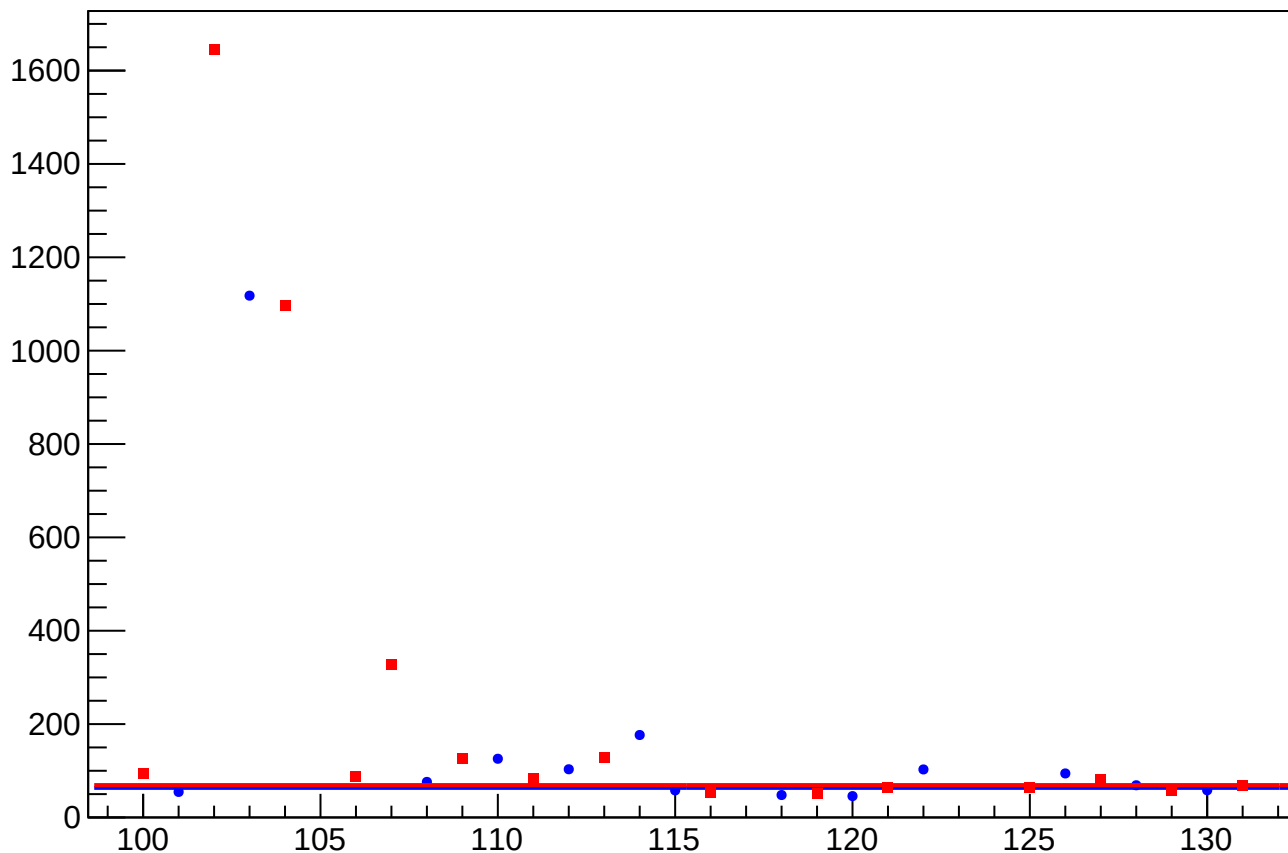
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.021 $\pm$ 0.024 χ^2 /NDF: 20.2/27

- 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: 63.430+/-0.023 χ^2/NDF : 1864666.5/12

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

Right Out: 69.359+/-0.025 χ^2/NDF : 2587548.1/14

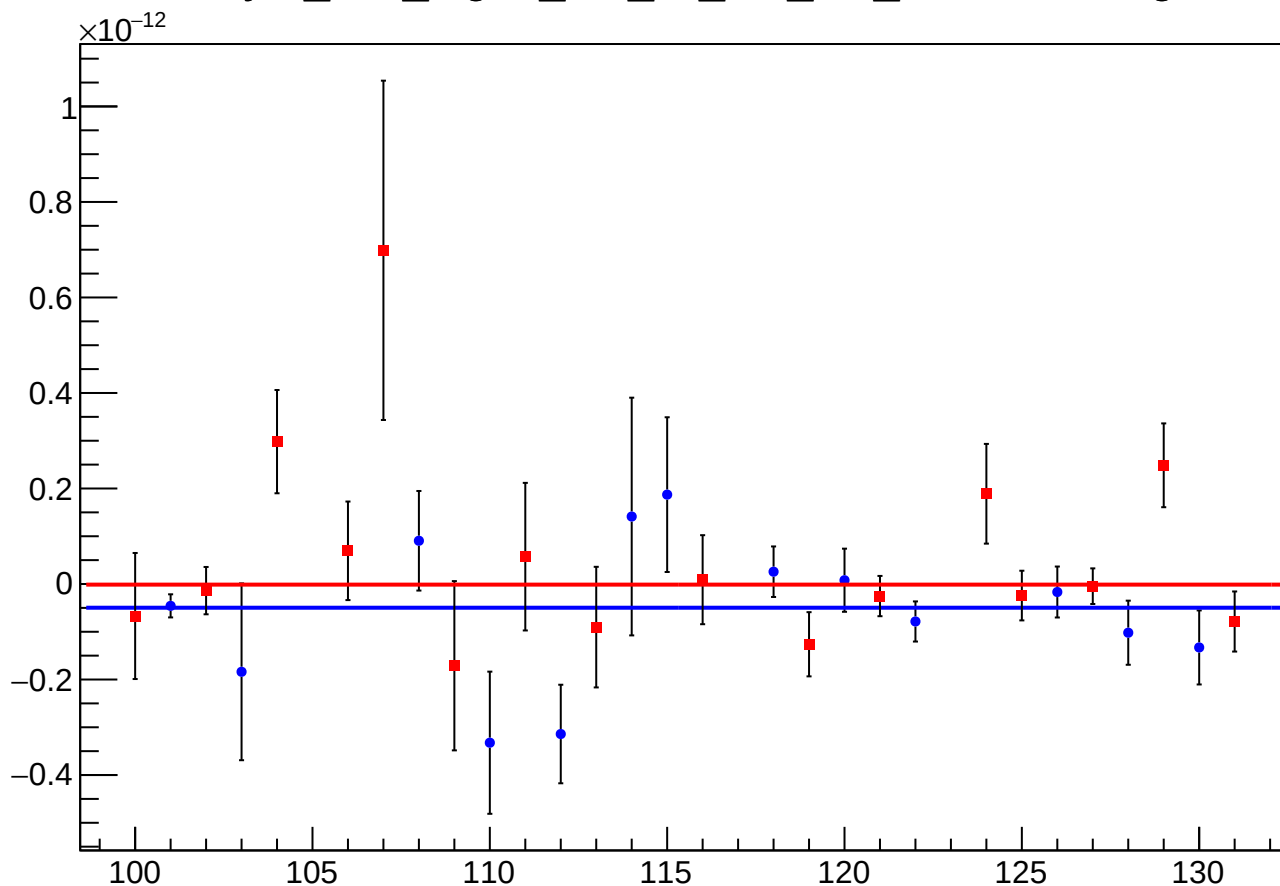
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.173+/-0.017 χ^2/NDF : 4482553.5/27

- 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 : 20.7/12

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

Right Out: -0.000 ± 0.000 χ^2/NDF : 30.8/15

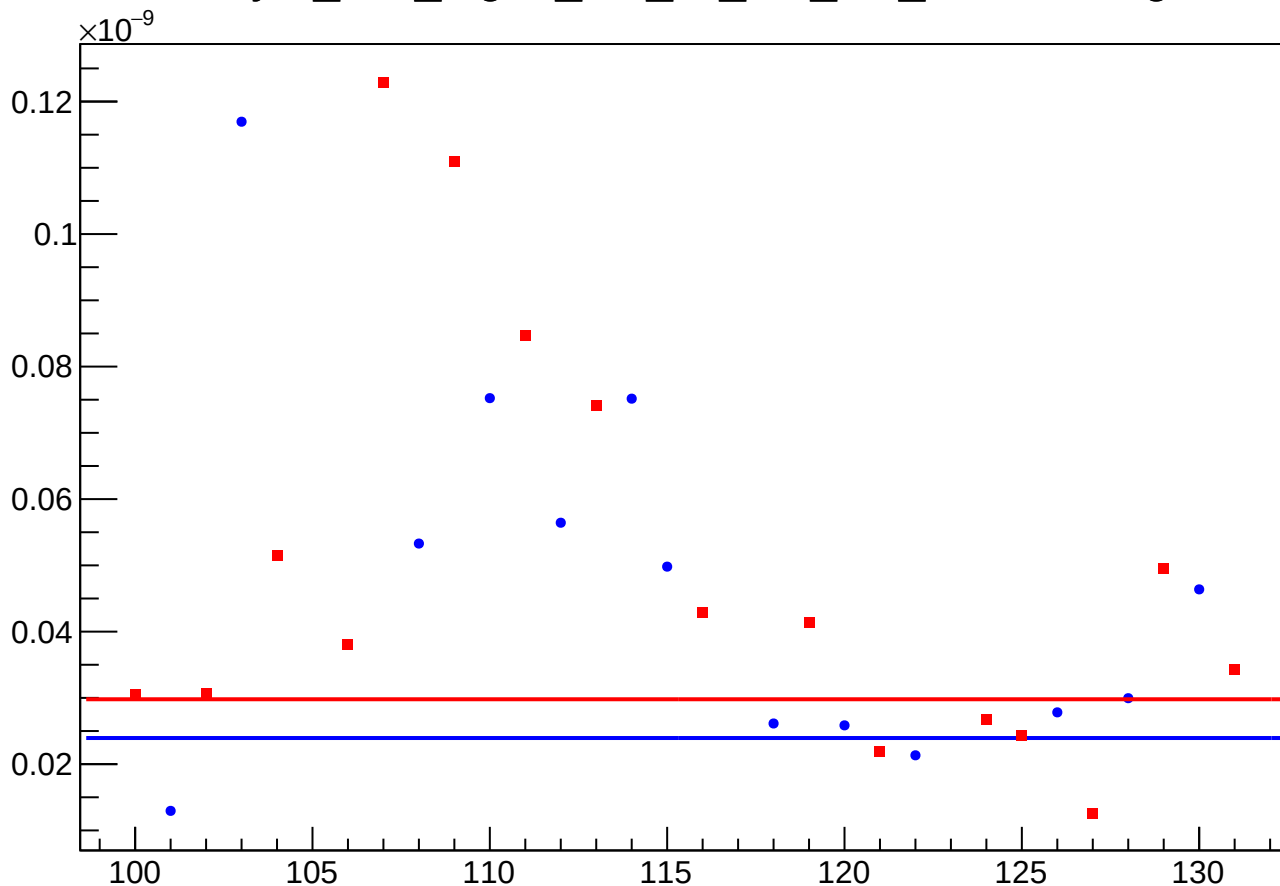
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 55.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1854492.0/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1881105.9/15

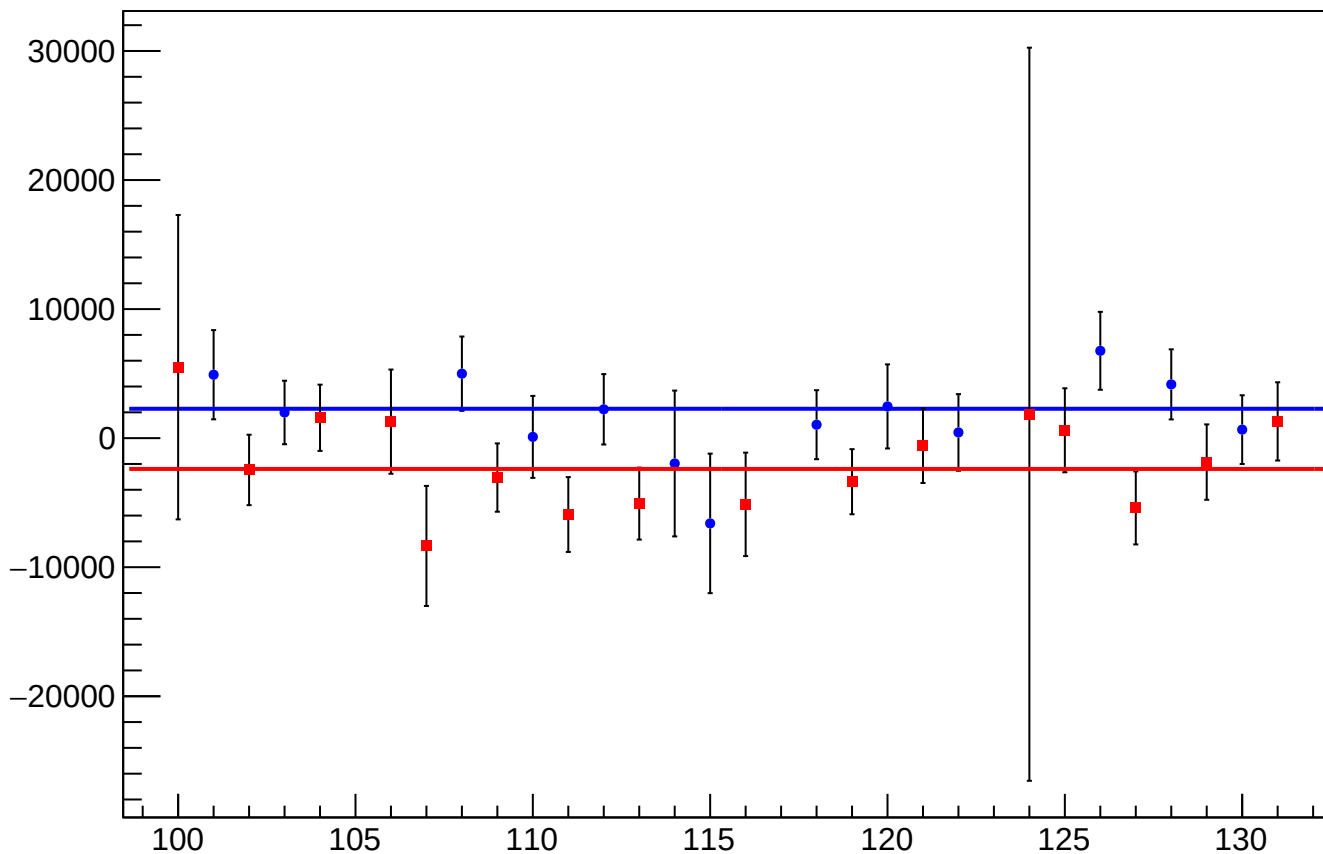
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3857092.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_mean vs Slug



Right In: 2276.443 $\pm$ 844.398 χ^2 /NDF: 8.9/12

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

Right Out: -2386.316 $\pm$ 795.990 χ^2 /NDF: 12.3/15

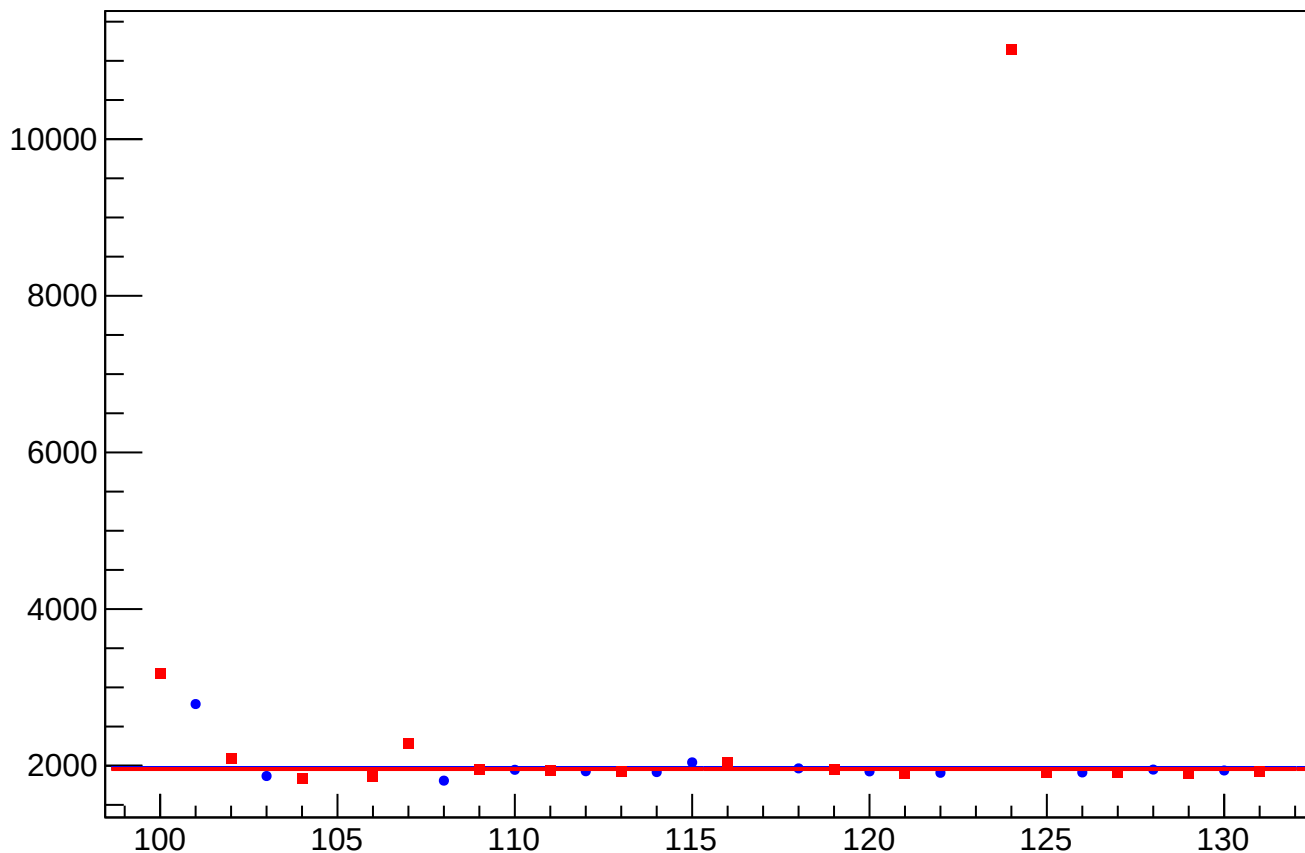
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -192.414 $\pm$ 579.208 χ^2 /NDF: 37.3/28

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

reg_asym_atl2_rms vs Slug



Right In: 1970.692+/-0.597 χ^2/NDF : 124755.0/12

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

Right Out: 1957.595+/-0.563 χ^2/NDF : 254874.9/15

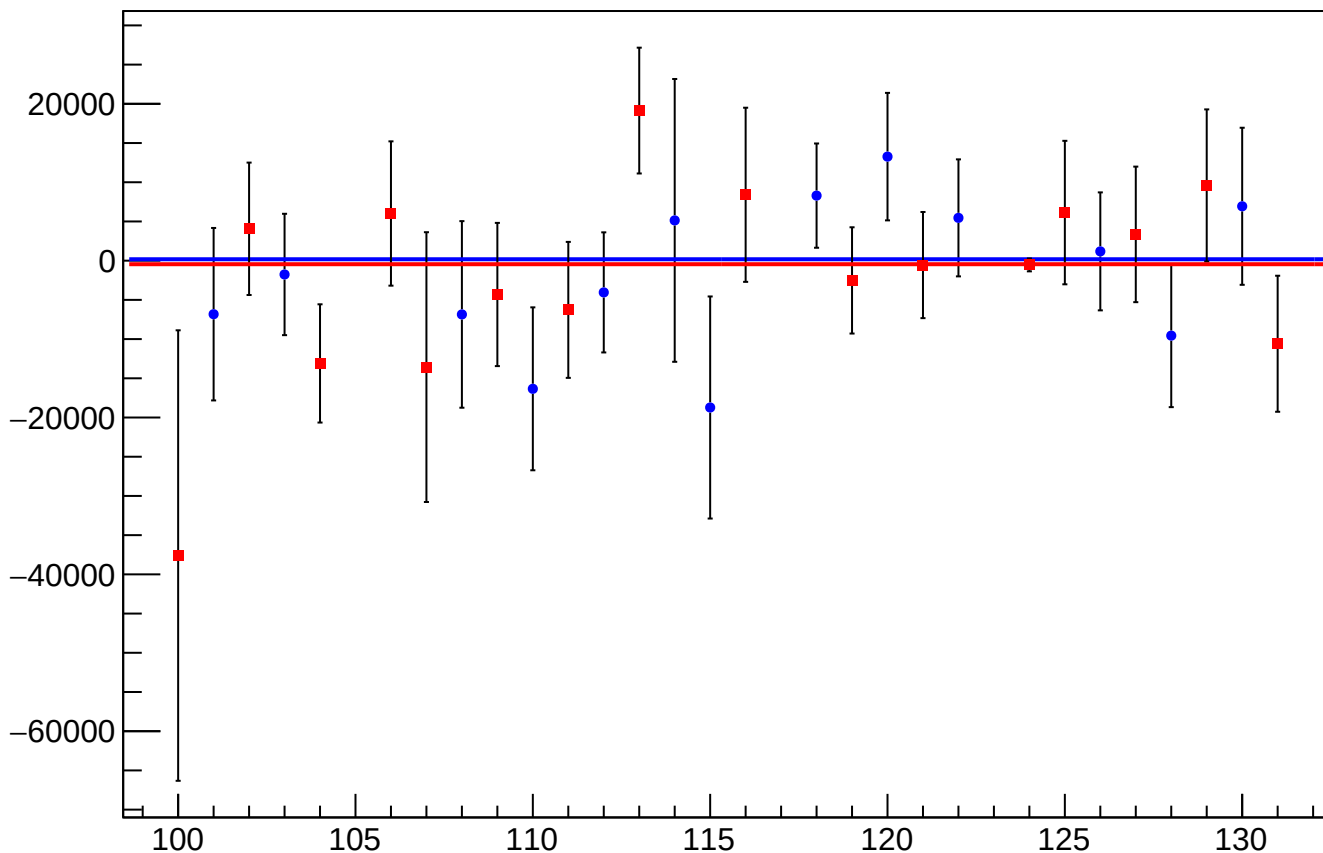
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1963.757+/-0.410 χ^2/NDF : 379884.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_reg_correction_mean vs Slug



Right In: 181.167 $\pm$ 2485.824 χ^2 /NDF: 11.7/12

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

Right Out: -451.854 $\pm$ 772.161 χ^2 /NDF: 16.3/15

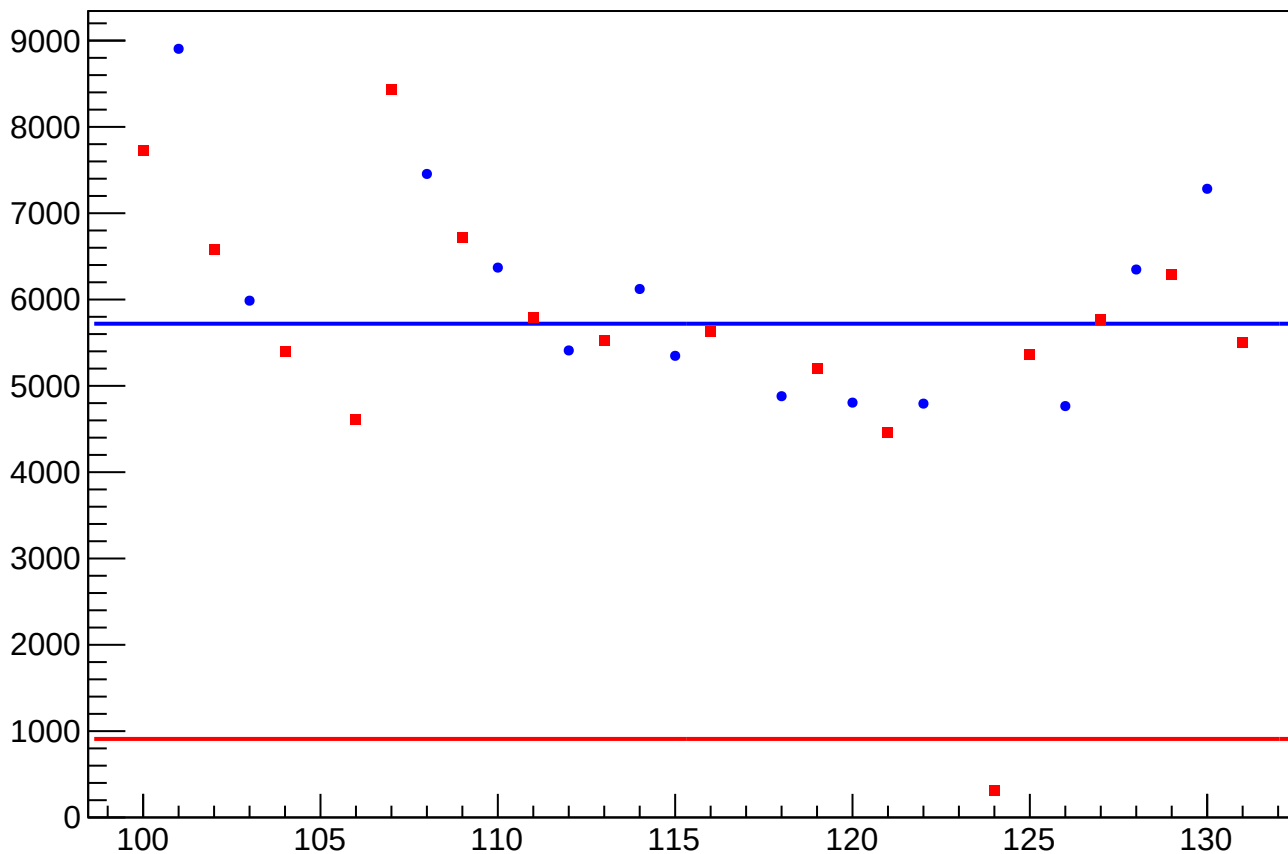
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -396.150 $\pm$ 737.405 χ^2 /NDF: 28.1/28

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

asym_atl2_reg_correction_rms vs Slug



Right In: 5719.937 $\pm$ 1.758 χ^2 /NDF: 404590.8/12

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

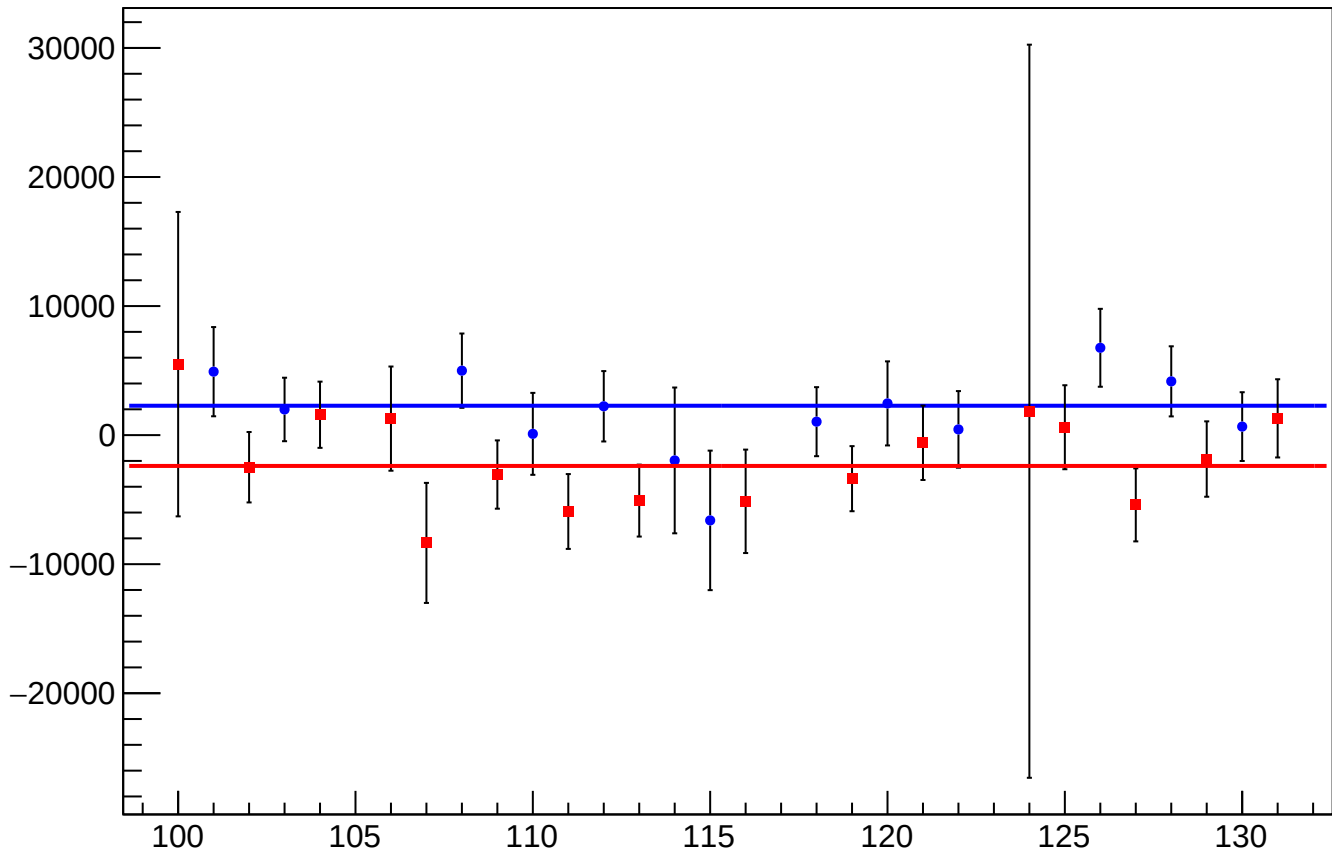
Right Out: 909.699 $\pm$ 0.546 χ^2 /NDF: 9596731.2/15

All: 1332.989 $\pm$ 0.521 χ^2 /NDF: 16831285.2/2

- 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_atl2_mean vs Slug



Right In: 2276.656 $\pm$ 844.398 χ^2 /NDF: 8.9/12

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

Right Out: -2388.281 $\pm$ 795.999 χ^2 /NDF: 12.3/15

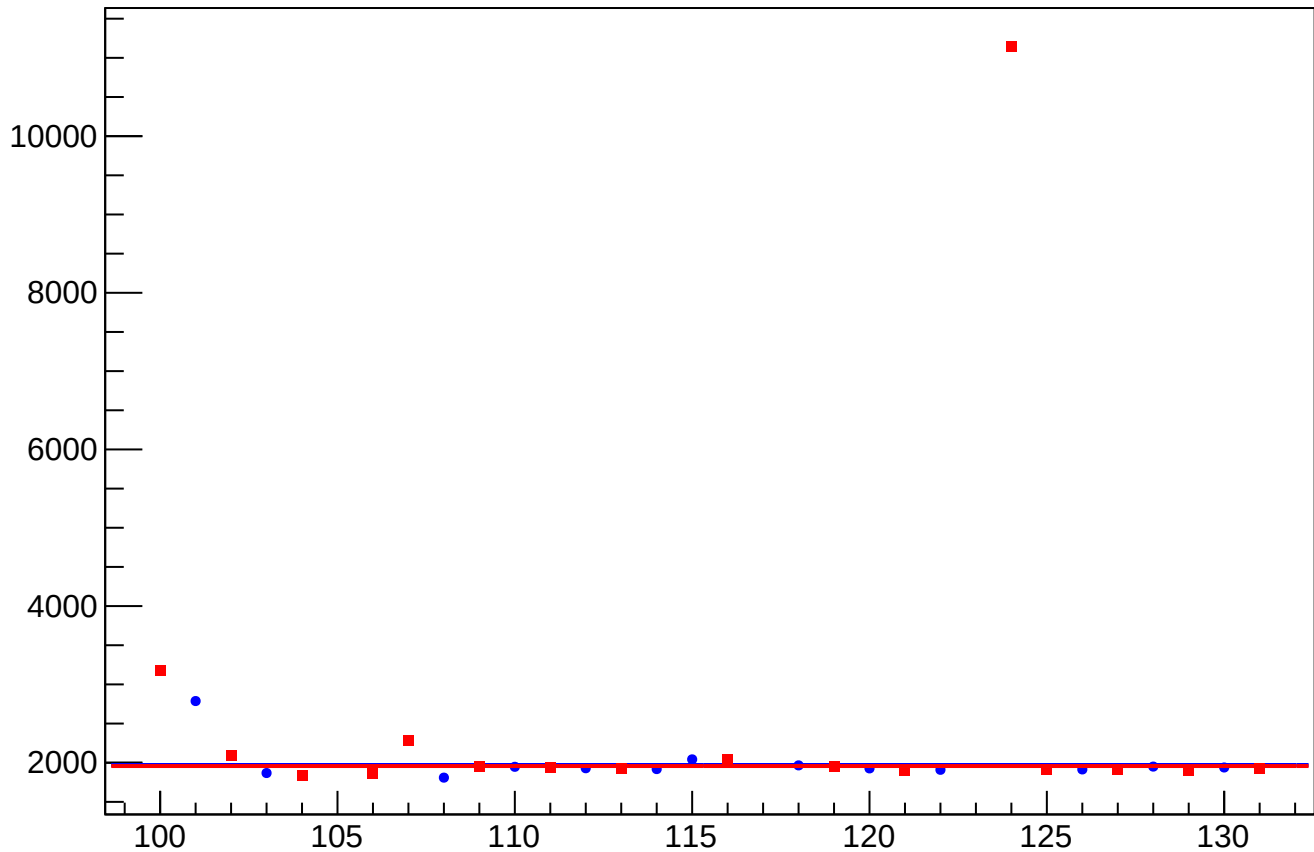
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -193.328 $\pm$ 579.211 χ^2 /NDF: 37.4/28

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

cor_asym_atl2_rms vs Slug



Right In: 1970.692 $\pm$ 0.597 χ^2 /NDF: 124754.7/12

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

Right Out: 1957.617 $\pm$ 0.563 χ^2 /NDF: 254895.9/15

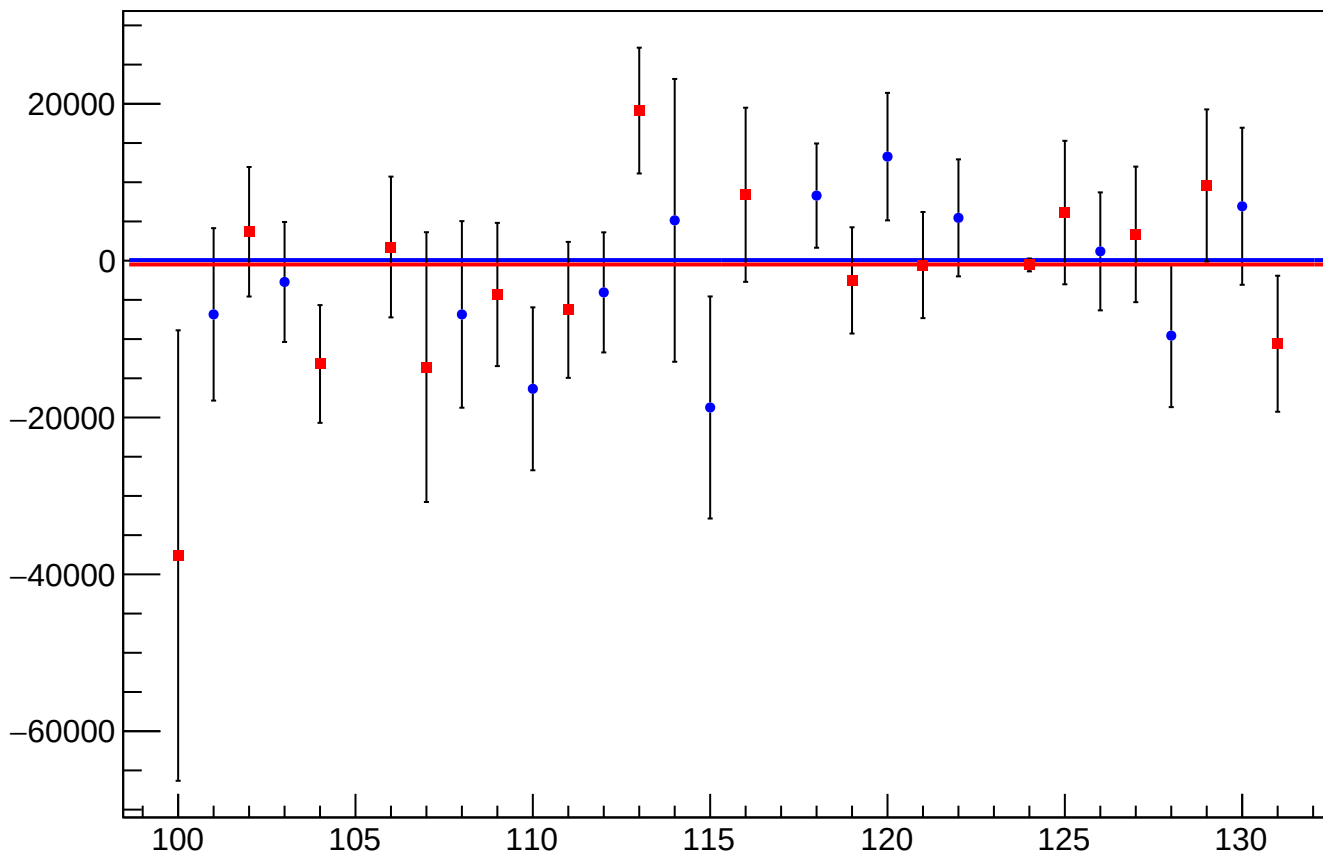
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1963.769 $\pm$ 0.410 χ^2 /NDF: 379904.5/28

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

asym_atl2_cor_correction_mean vs Slug



Right In: 74.469+/-2482.769 χ^2/NDF : 11.8/12

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

Right Out: -485.538+/-771.817 χ^2/NDF : 15.9/15

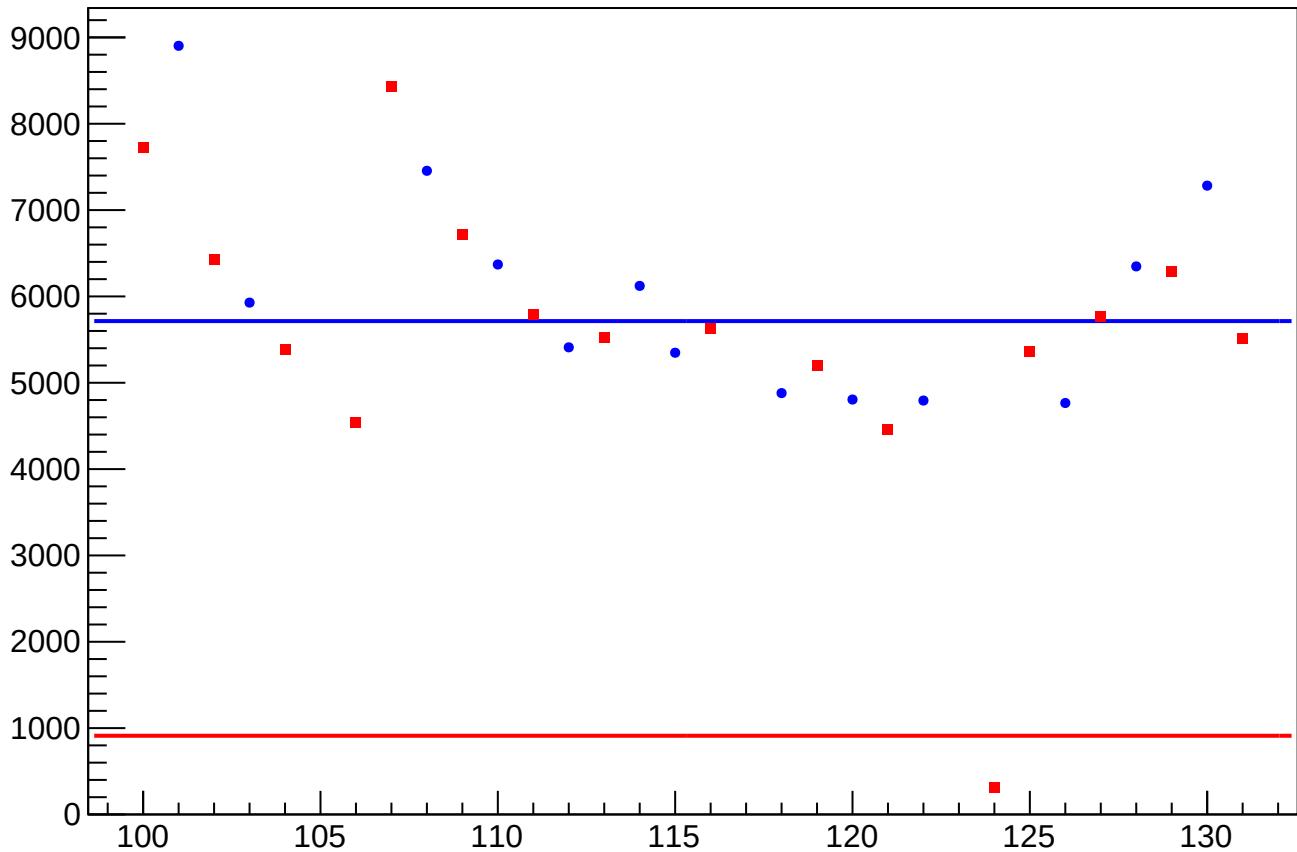
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -436.189+/-737.025 χ^2/NDF : 27.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_cor_correction_rms vs Slug



Right In: 5714.380+/-1.756 χ^2/NDF : 403549.4/12

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

Right Out: 911.511+/-0.546 χ^2/NDF : 9593762.3/15

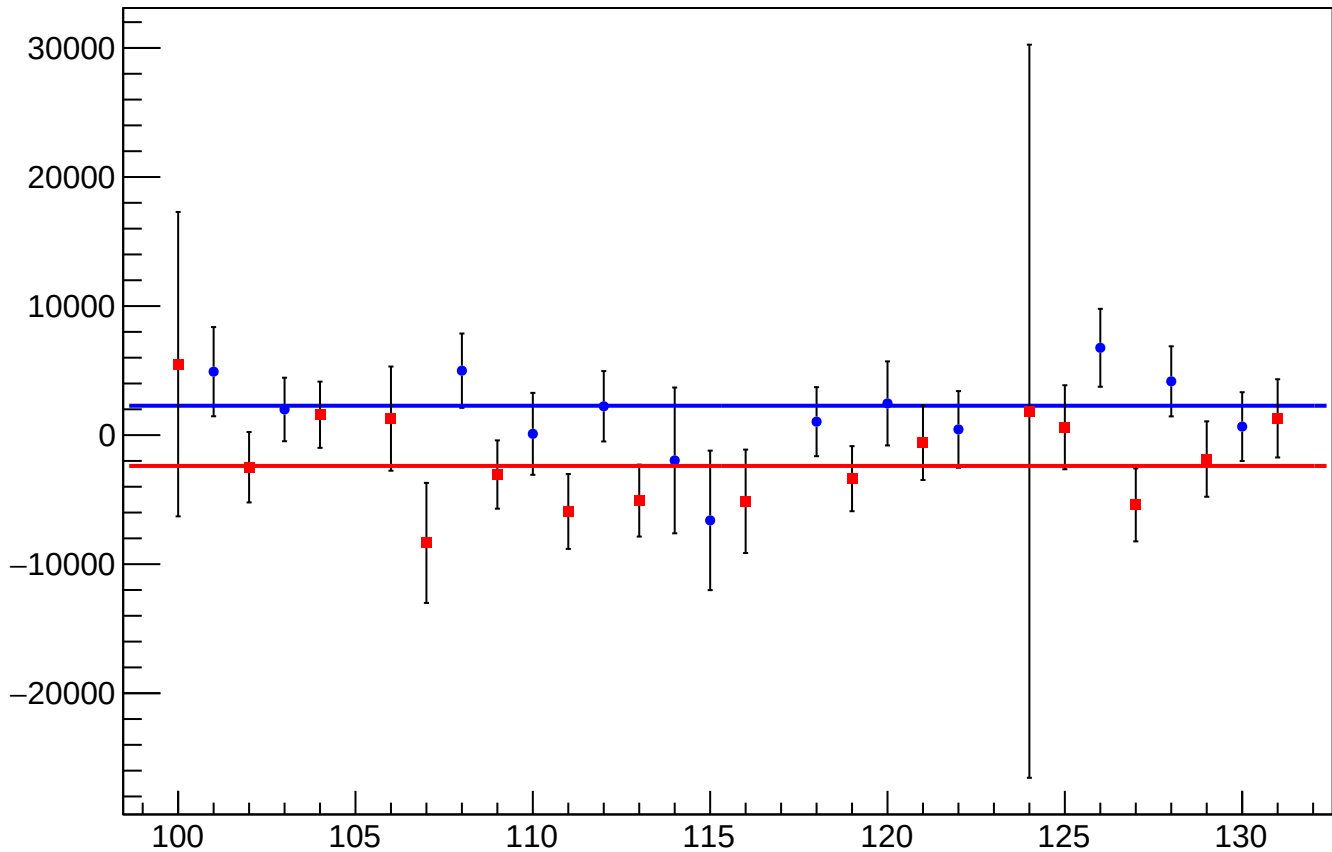
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1334.756+/-0.521 χ^2/NDF : 16822187.9/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl2_mean vs Slug



Right In: 2276.656 $\pm$ 844.398 χ^2 /NDF: 8.9/12

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

Right Out: -2388.281 $\pm$ 795.999 χ^2 /NDF: 12.3/15

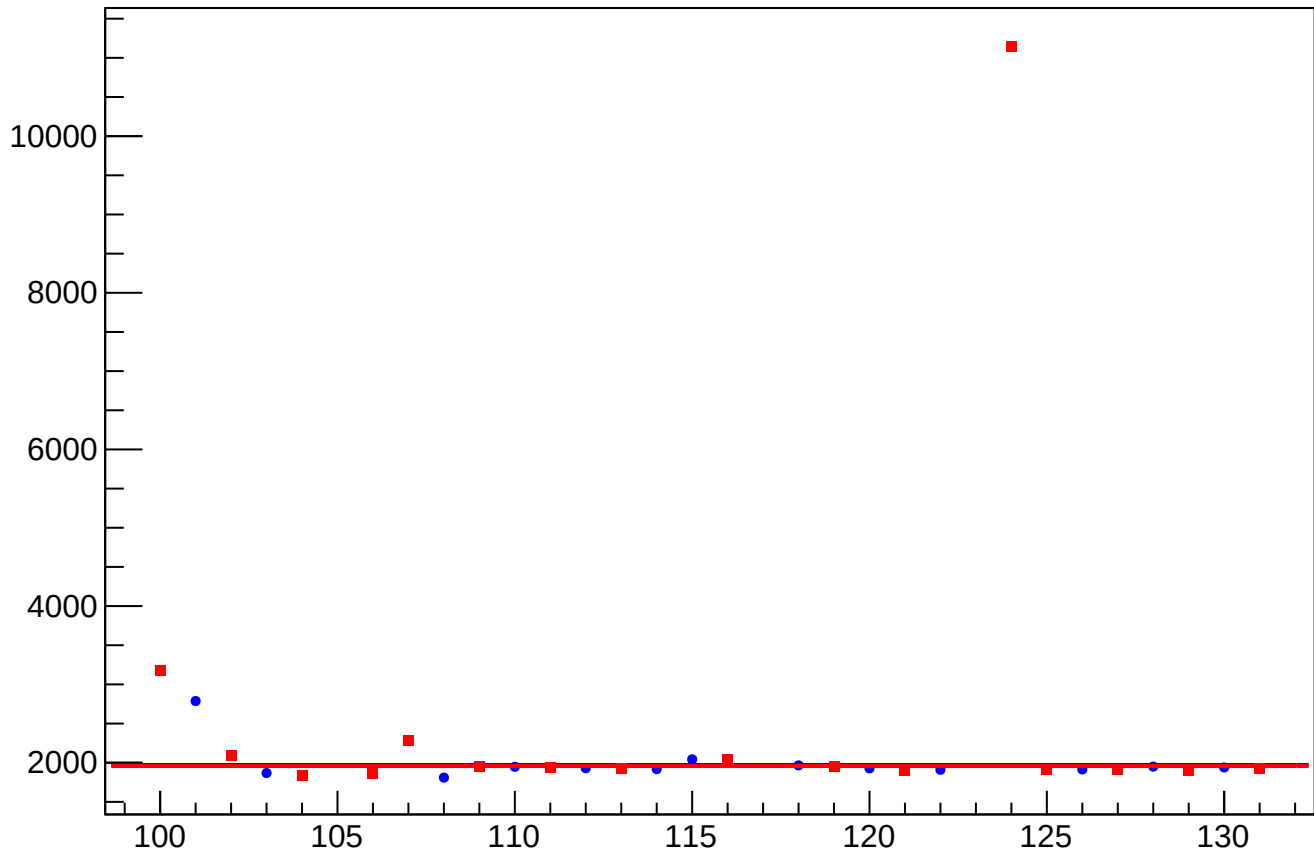
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -193.328 $\pm$ 579.211 χ^2 /NDF: 37.4/28

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

eigen_cor_asym_atl2_rms vs Slug



Right In: 1970.692+/-0.597 χ^2/NDF : 124754.7/12

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

Right Out: 1957.617+/-0.563 χ^2/NDF : 254895.9/15

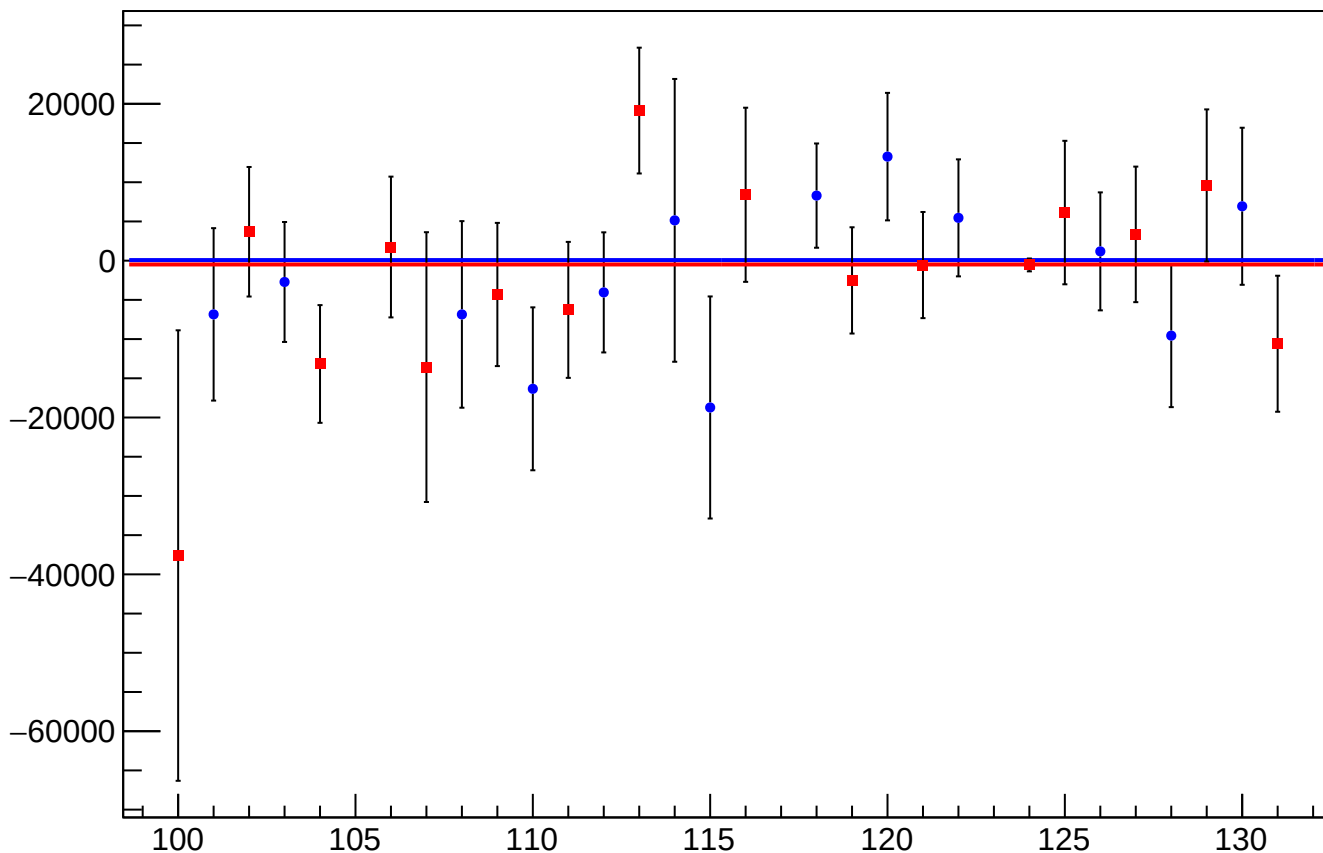
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1963.769+/-0.410 χ^2/NDF : 379904.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_cor_correction_mean vs Slug



Right In: 74.469+/-2482.769 χ^2/NDF : 11.8/12

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

Right Out: -485.538+/-771.817 χ^2/NDF : 15.9/15

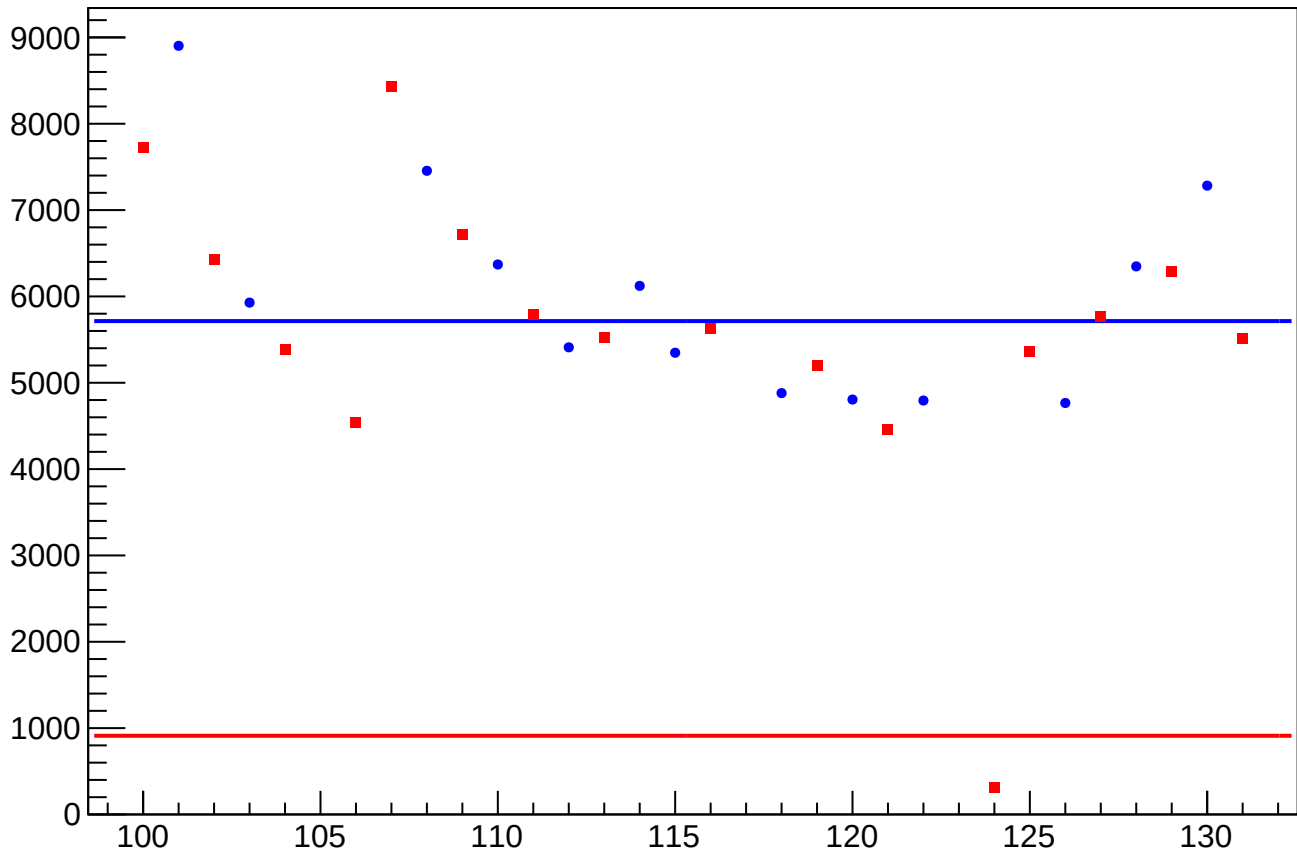
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -436.189+/-737.025 χ^2/NDF : 27.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_cor_correction_rms vs Slug



Right In: 5714.380+/-1.756 χ^2/NDF : 403549.4/12

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

Right Out: 911.511+/-0.546 χ^2/NDF : 9593762.3/15

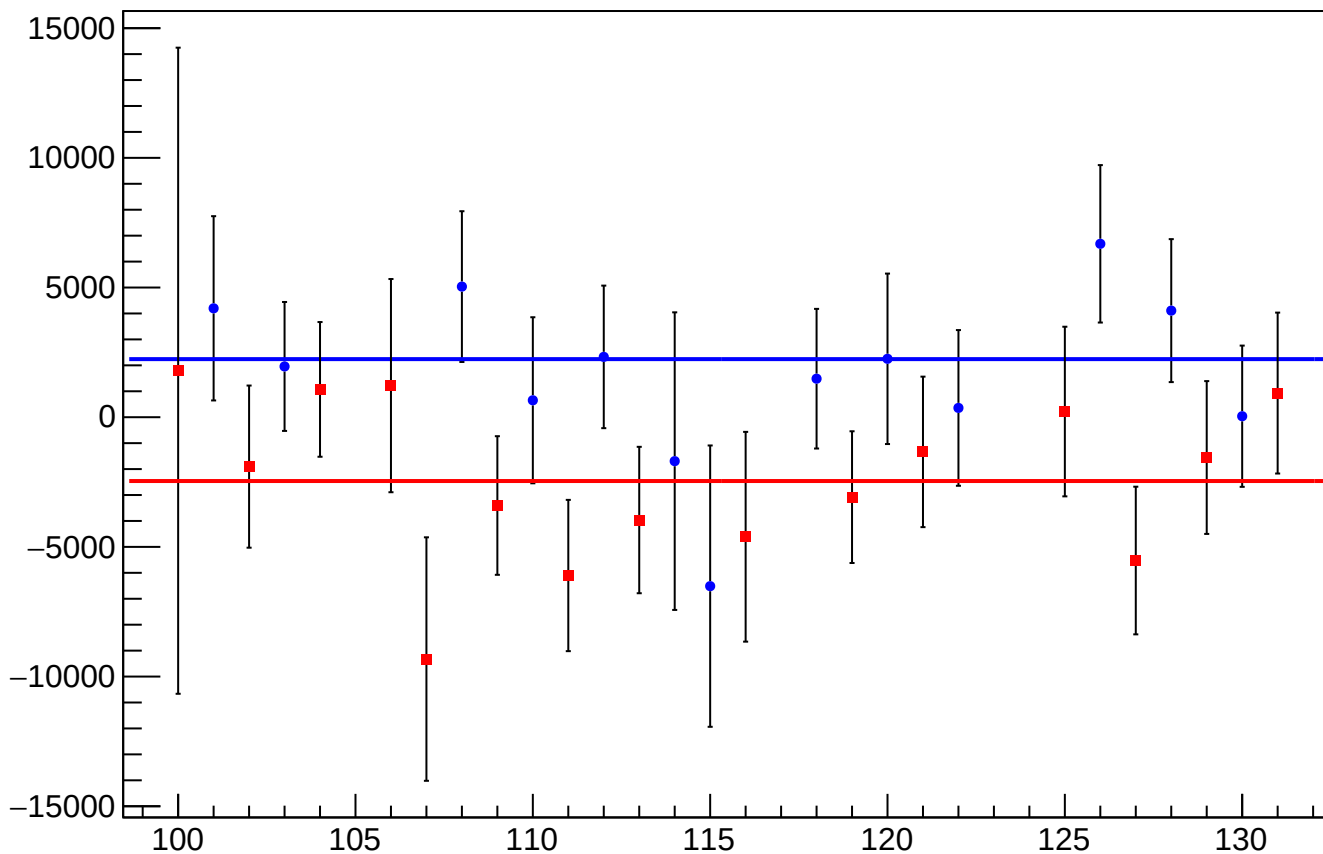
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1334.756+/-0.521 χ^2/NDF : 16822187.9/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl2_mean vs Slug



Right In: 2239.746 $\pm$ 854.217 χ^2 /NDF: 8.3/12

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

Right Out: -2460.678 $\pm$ 812.216 χ^2 /NDF: 10.5/14

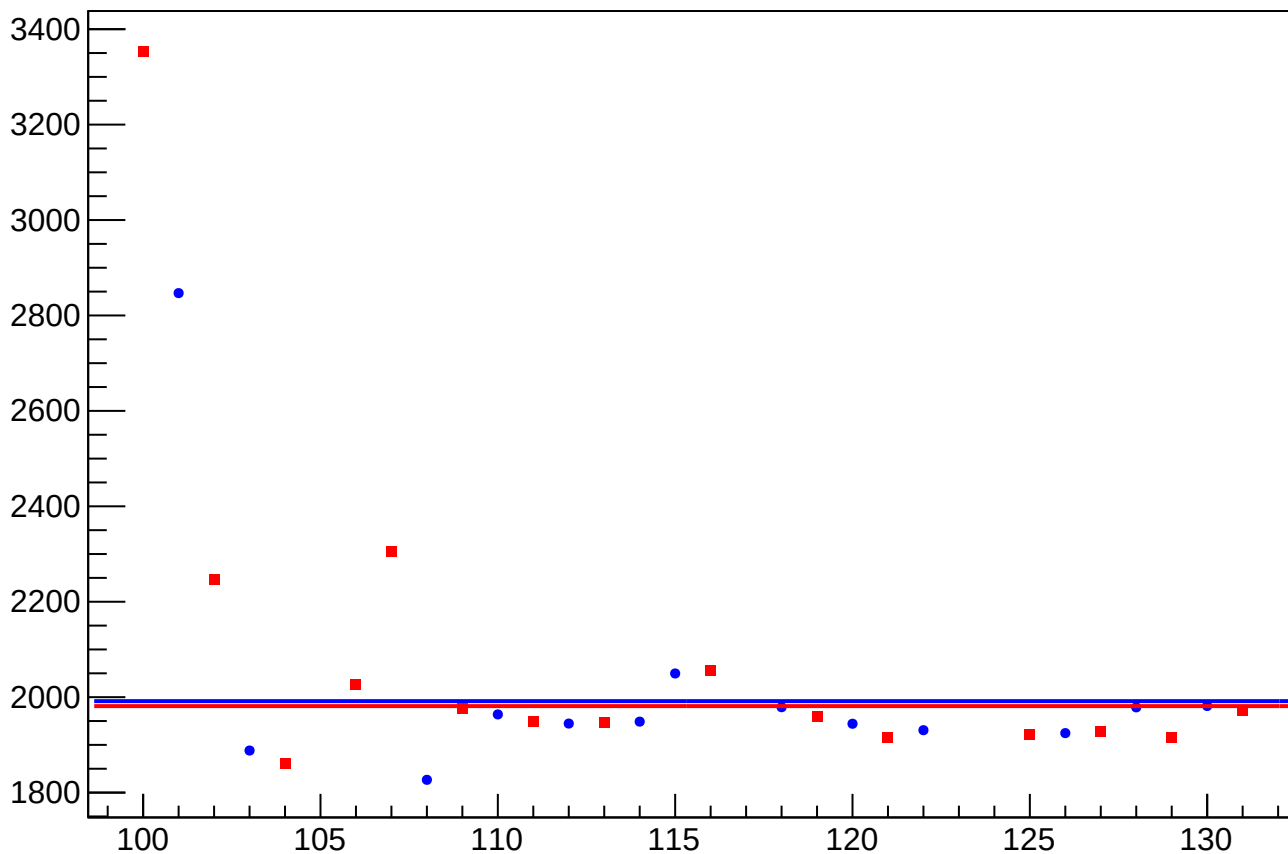
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -228.860 $\pm$ 588.612 χ^2 /NDF: 34.7/27

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

dit_asym_atl2_rms vs Slug



Right In: 1991.649 $\pm$ 0.604 χ^2 /NDF: 129213.5/12

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

Right Out: 1981.268 $\pm$ 0.573 χ^2 /NDF: 57557.1/14

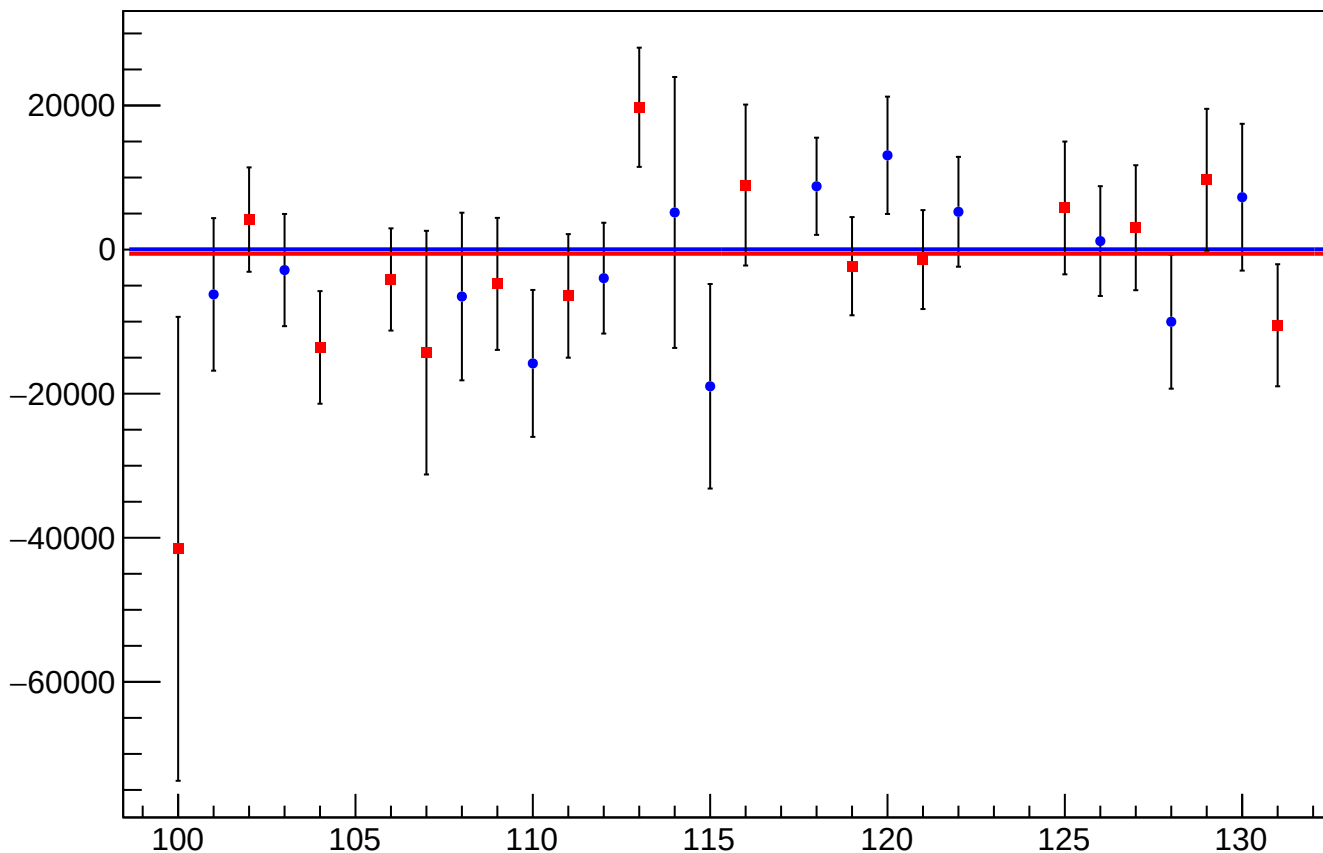
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1986.189 $\pm$ 0.416 χ^2 /NDF: 186926.0/27

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

asym_atl2_dit_correction_mean vs Slug



Right In: 37.251+/-2501.281 χ^2/NDF : 11.8/12

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

Right Out: -580.934+/-2236.347 χ^2/NDF : 16.4/14

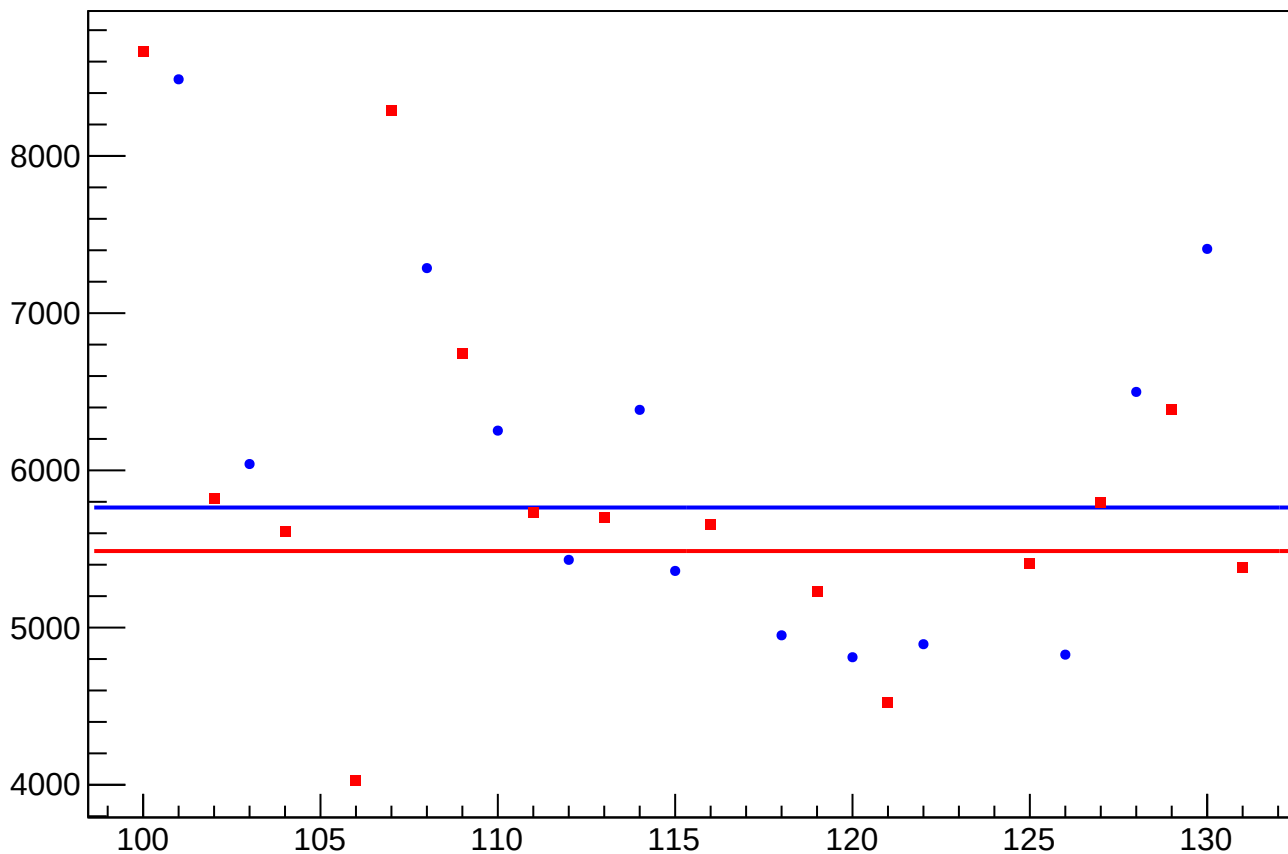
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -306.303+/-1667.162 χ^2/NDF : 28.2/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_dit_correction_rms vs Slug



Right In: 5763.818+/-1.769 χ^2/NDF : 358570.4/12

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

Right Out: 5486.837+/-1.581 χ^2/NDF : 266528.3/14

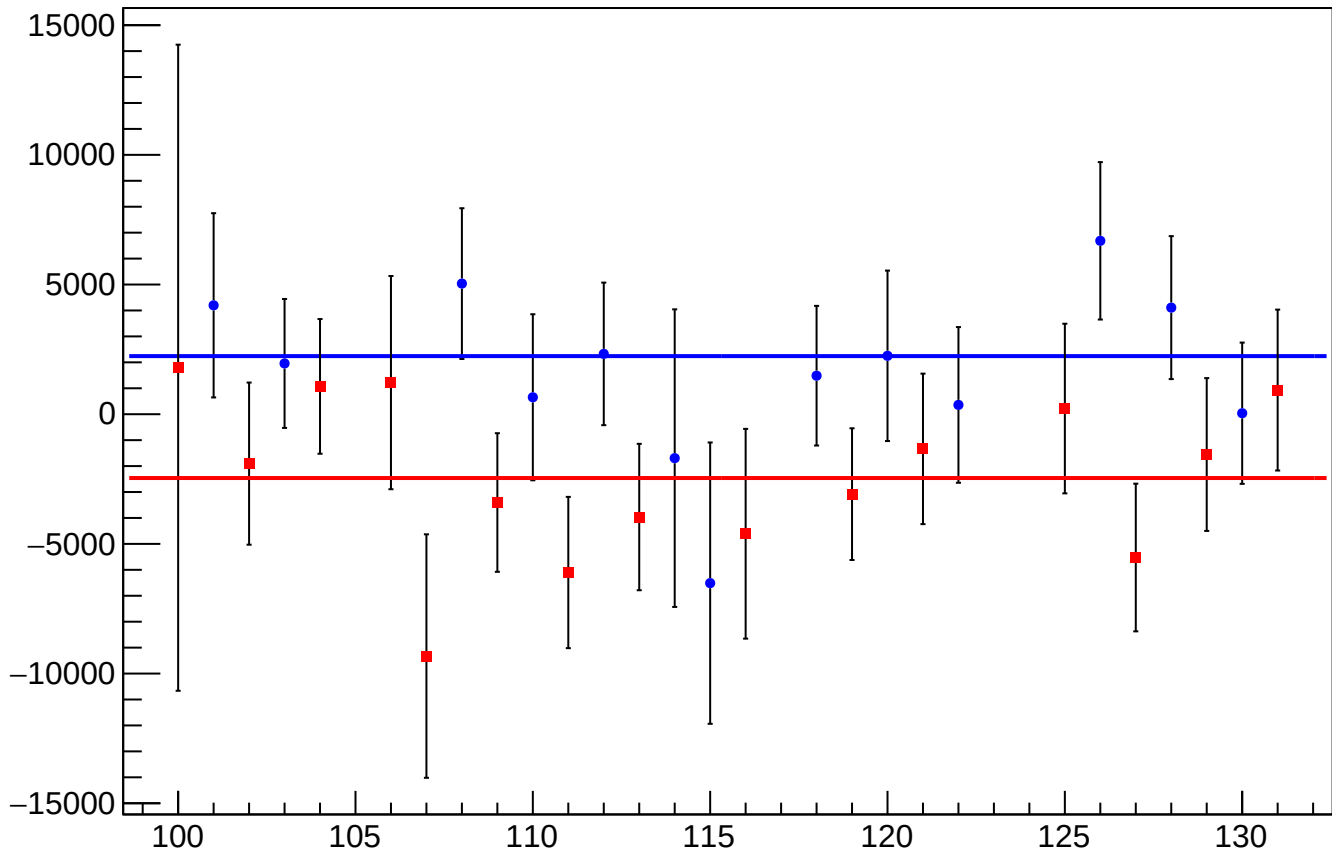
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5609.887+/-1.179 χ^2/NDF : 638728.3/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl2_mean vs Slug



Right In: 2239.754 $\pm$ 854.217 χ^2 /NDF: 8.3/12

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

Right Out: -2460.687 $\pm$ 812.216 χ^2 /NDF: 10.5/14

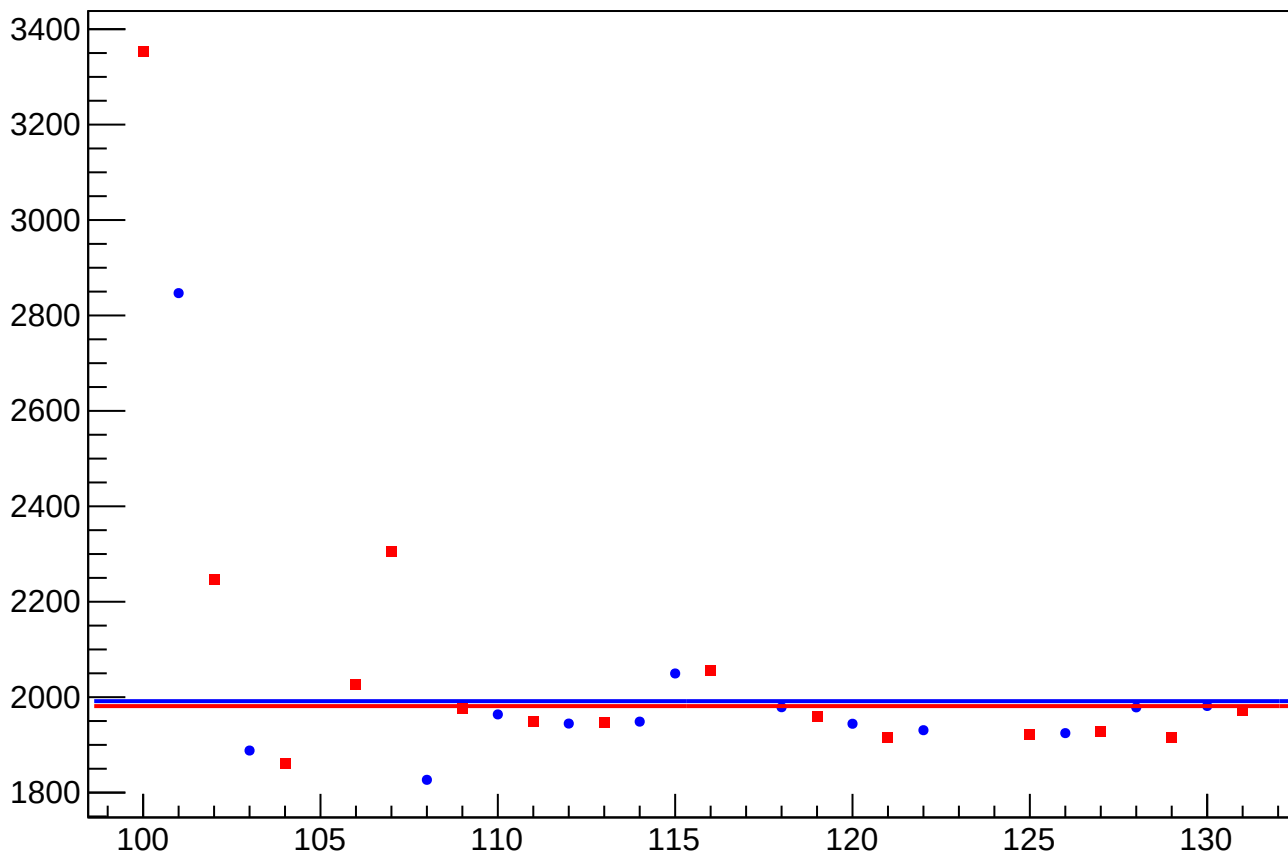
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -228.861 $\pm$ 588.612 χ^2 /NDF: 34.7/27

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

eigen_dit_asym_atl2_rms vs Slug



Right In: 1991.650+/-0.604 χ^2/NDF : 129213.2/12

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

Right Out: 1981.268+/-0.573 χ^2/NDF : 57557.2/14

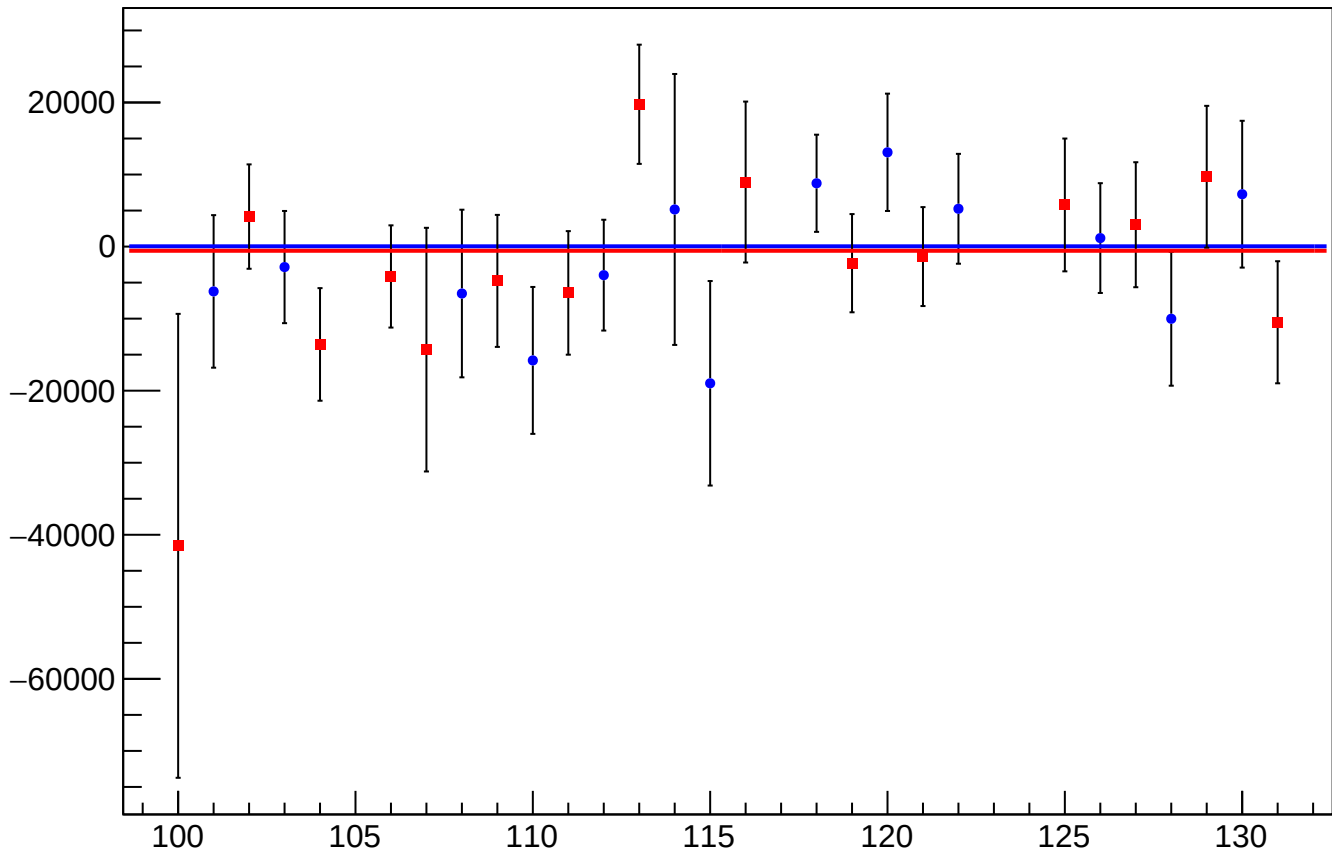
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1986.189+/-0.416 χ^2/NDF : 186925.7/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_correction_mean vs Slug



Right In: 37.260 $\pm$ 2501.272 χ^2 /NDF: 11.8/12

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

Right Out: -580.939 $\pm$ 2236.340 χ^2 /NDF: 16.4/14

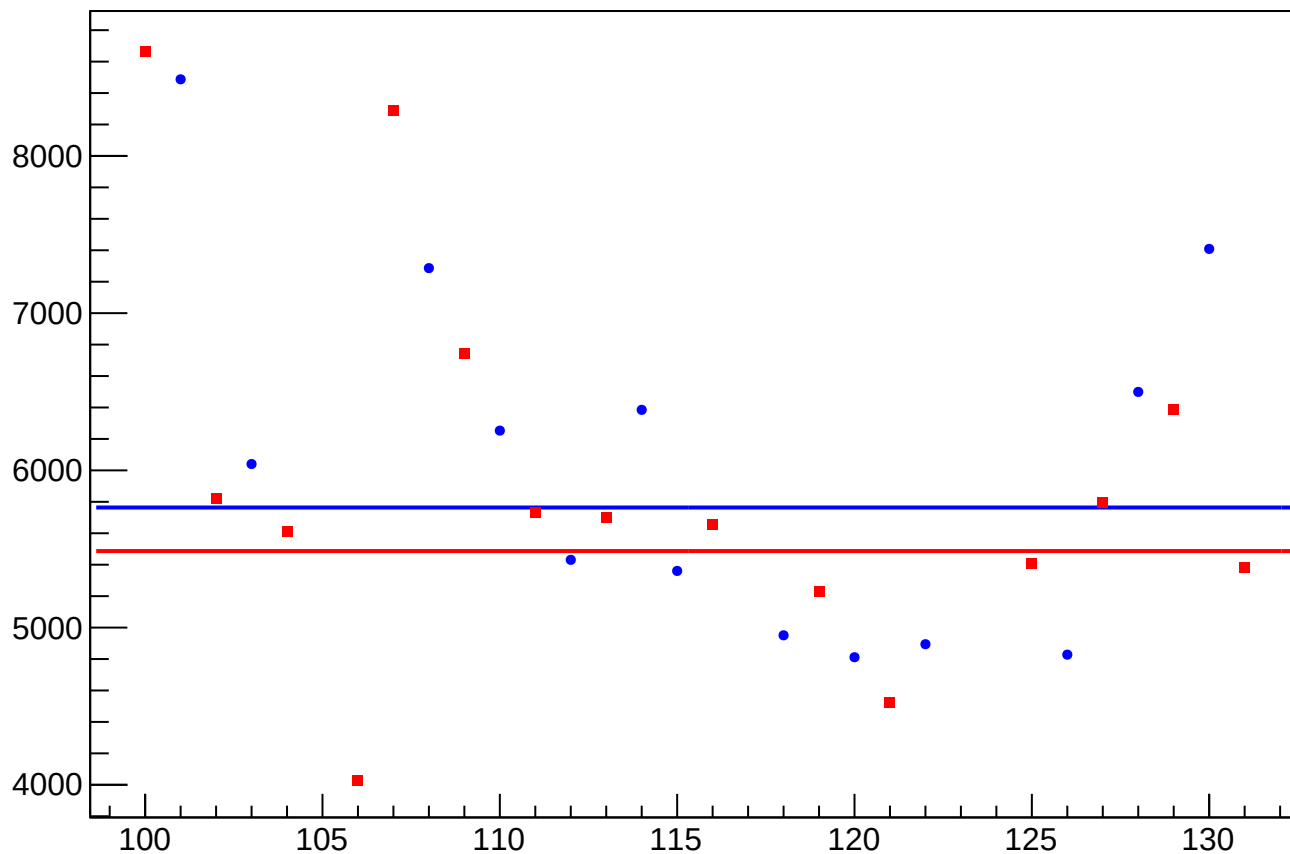
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -306.302 $\pm$ 1667.156 χ^2 /NDF: 28.2/27

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

asym_atl2_eigen_dit_correction_rms vs Slug



Right In: 5763.796+/-1.769 χ^2/NDF : 358574.2/12

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

Right Out: 5486.821+/-1.581 χ^2/NDF : 266529.5/14

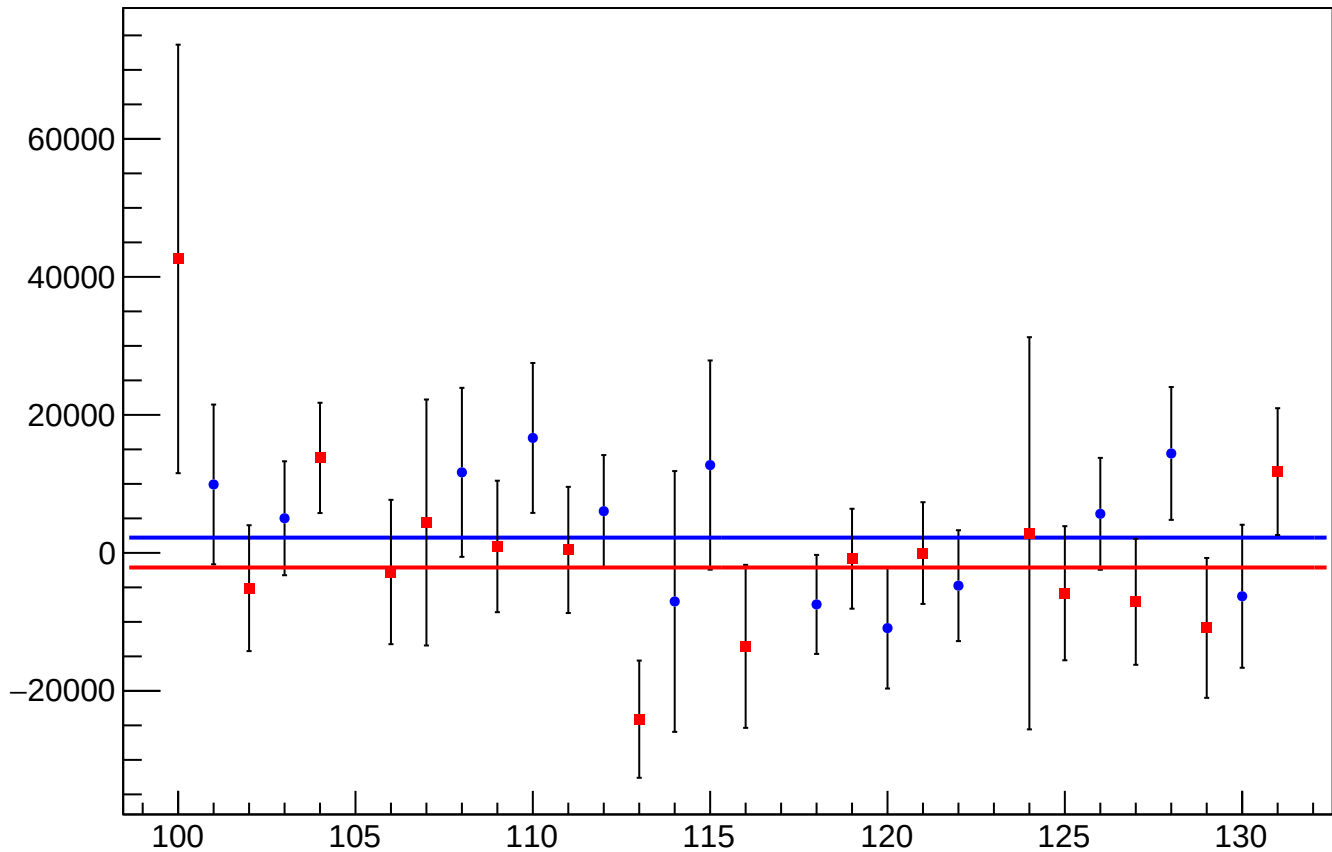
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5609.868+/-1.179 χ^2/NDF : 638732.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_mean vs Slug



Right In: 2213.298 $\pm$ 2646.512 χ^2 /NDF: 11.1/12

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

Right Out: -2117.479 $\pm$ 2440.707 χ^2 /NDF: 17.7/15

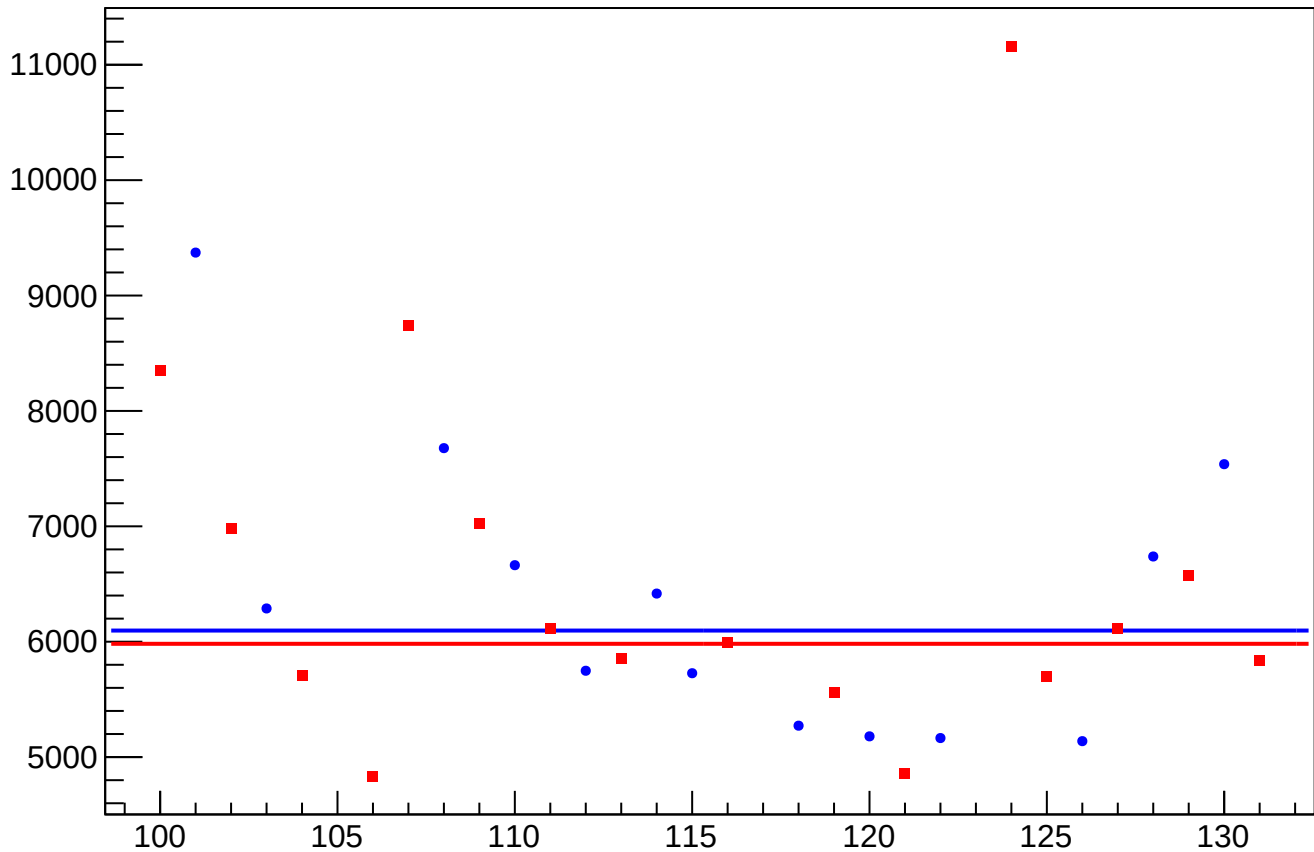
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -127.007 $\pm$ 1794.192 χ^2 /NDF: 30.3/28

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

asym_atl2_rms vs Slug



Right In: 6096.652 $\pm$ 1.871 χ^2 /NDF: 356071.3/12

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

Right Out: 5981.802 $\pm$ 1.726 χ^2 /NDF: 263456.9/15

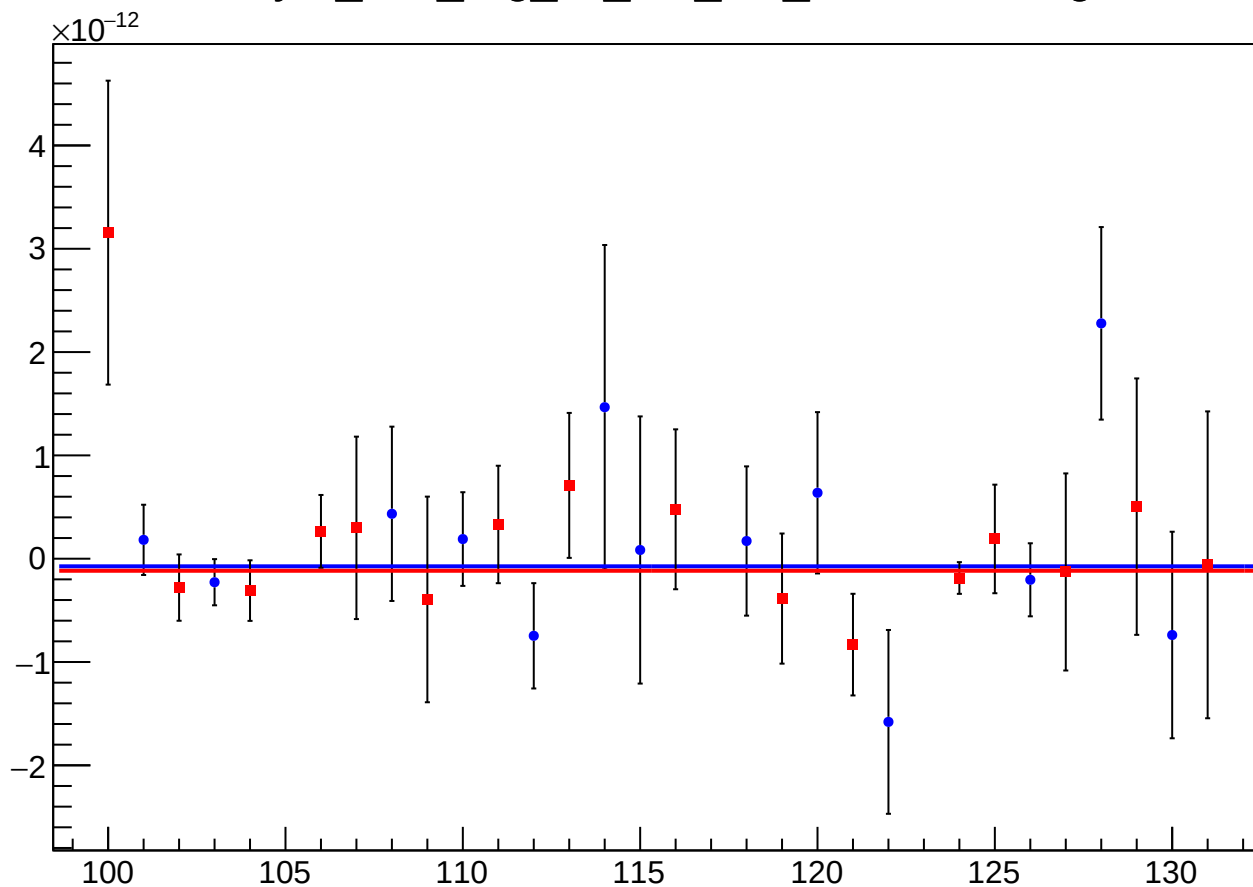
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 6034.588 $\pm$ 1.269 χ^2 /NDF: 621563.6/28

- 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 : 15.2/12

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

Right Out: -0.000 ± 0.000 χ^2/NDF : 12.8/15

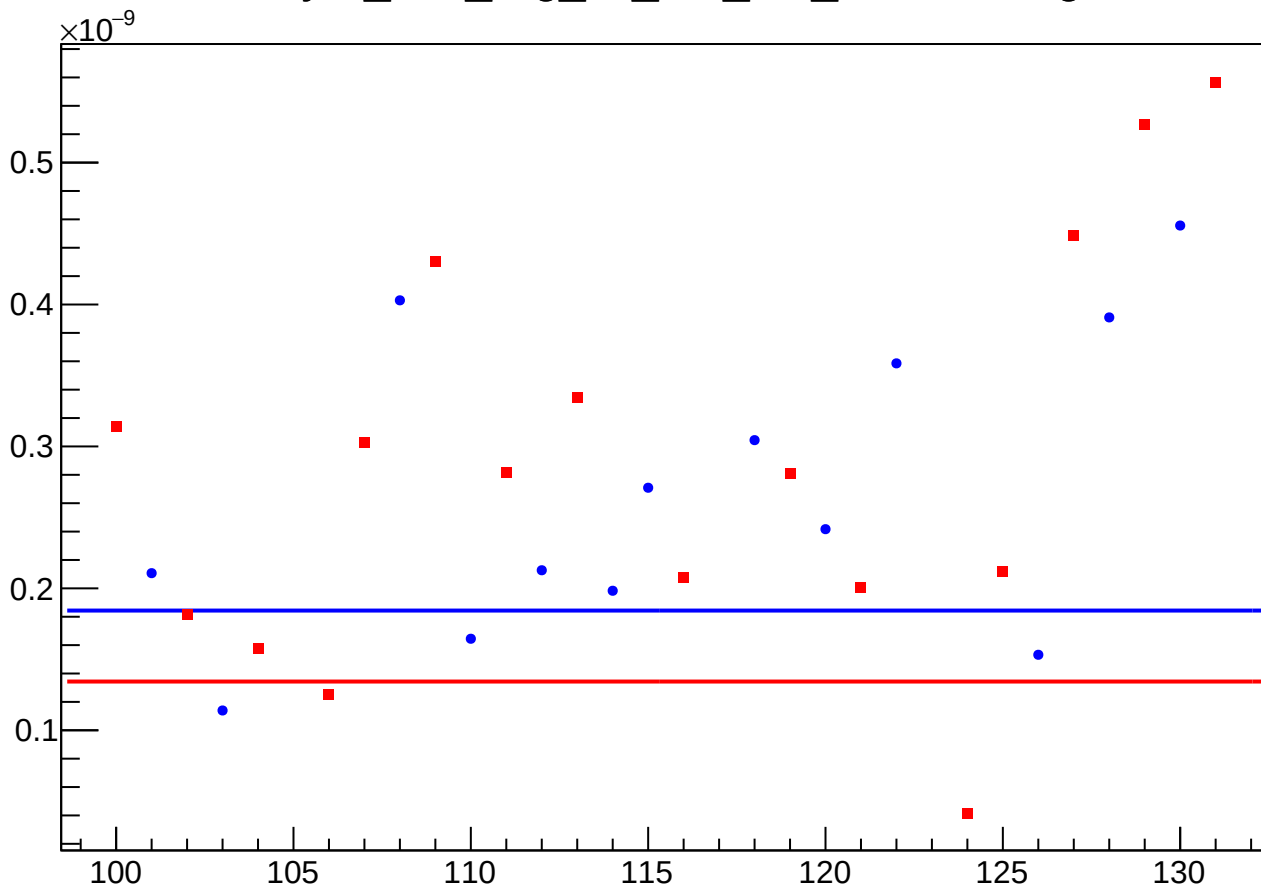
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 28.1/28

- 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 : 767700.1/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2154433.3/15

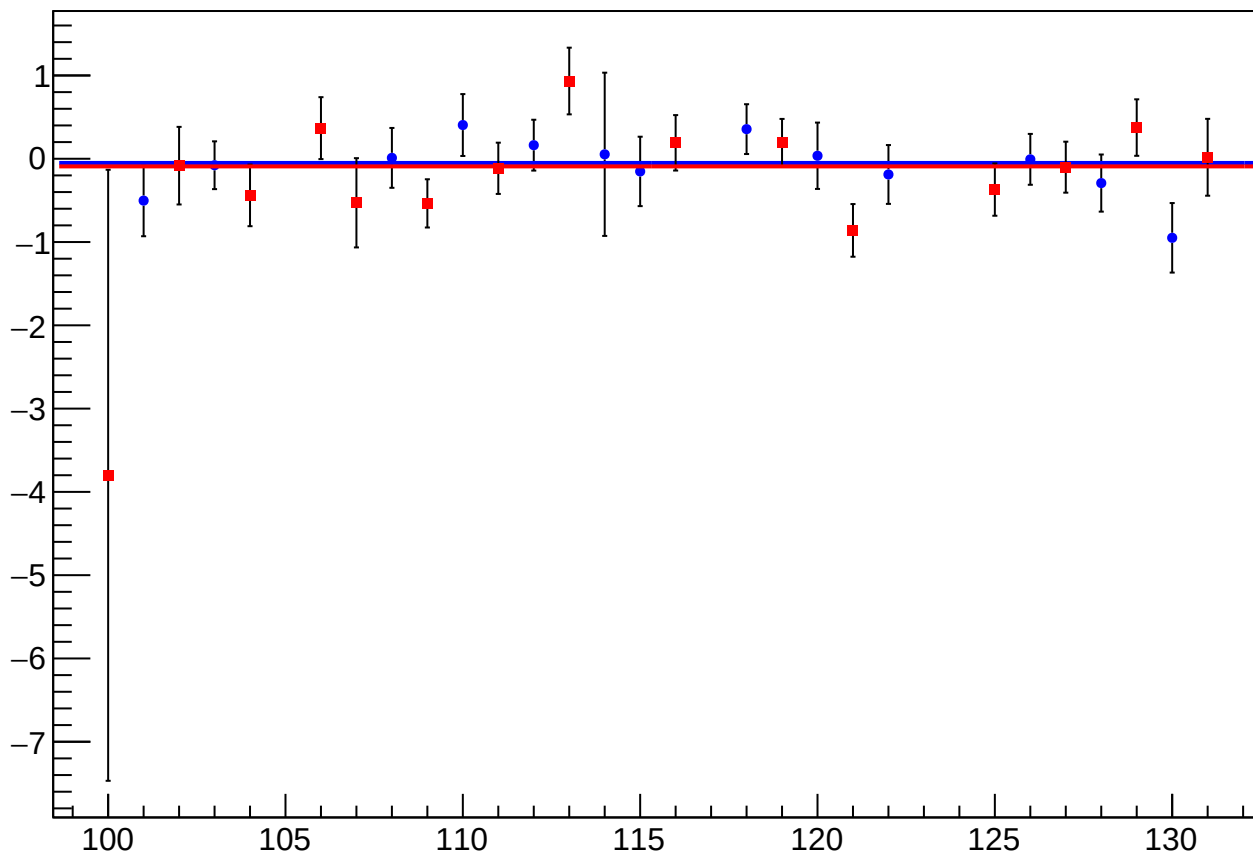
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3095164.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_dit_vs_cor_diff_mean vs Slug



Right In: -0.050 $\pm$ 0.100 χ^2/NDF : 10.4/12

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

Right Out: -0.092 $\pm$ 0.092 χ^2/NDF : 23.4/14

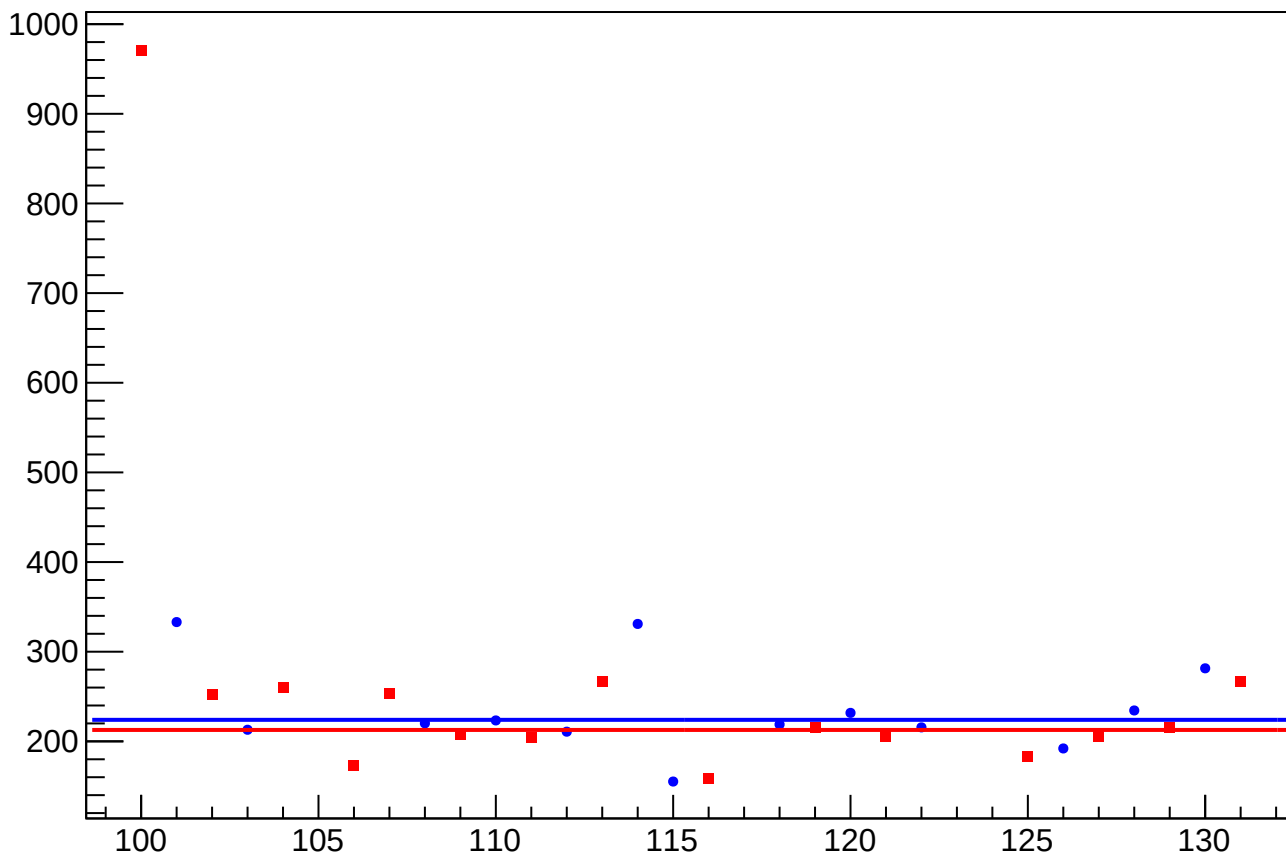
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: -0.073 $\pm$ 0.068 χ^2/NDF : 33.9/27

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

asym_atl2_dit_vs_cor_diff_rms vs Slug



Right In: 224.004 $\pm$ 0.071 χ^2 /NDF: 279402.8/12

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

Right Out: 212.730 $\pm$ 0.065 χ^2 /NDF: 304706.2/14

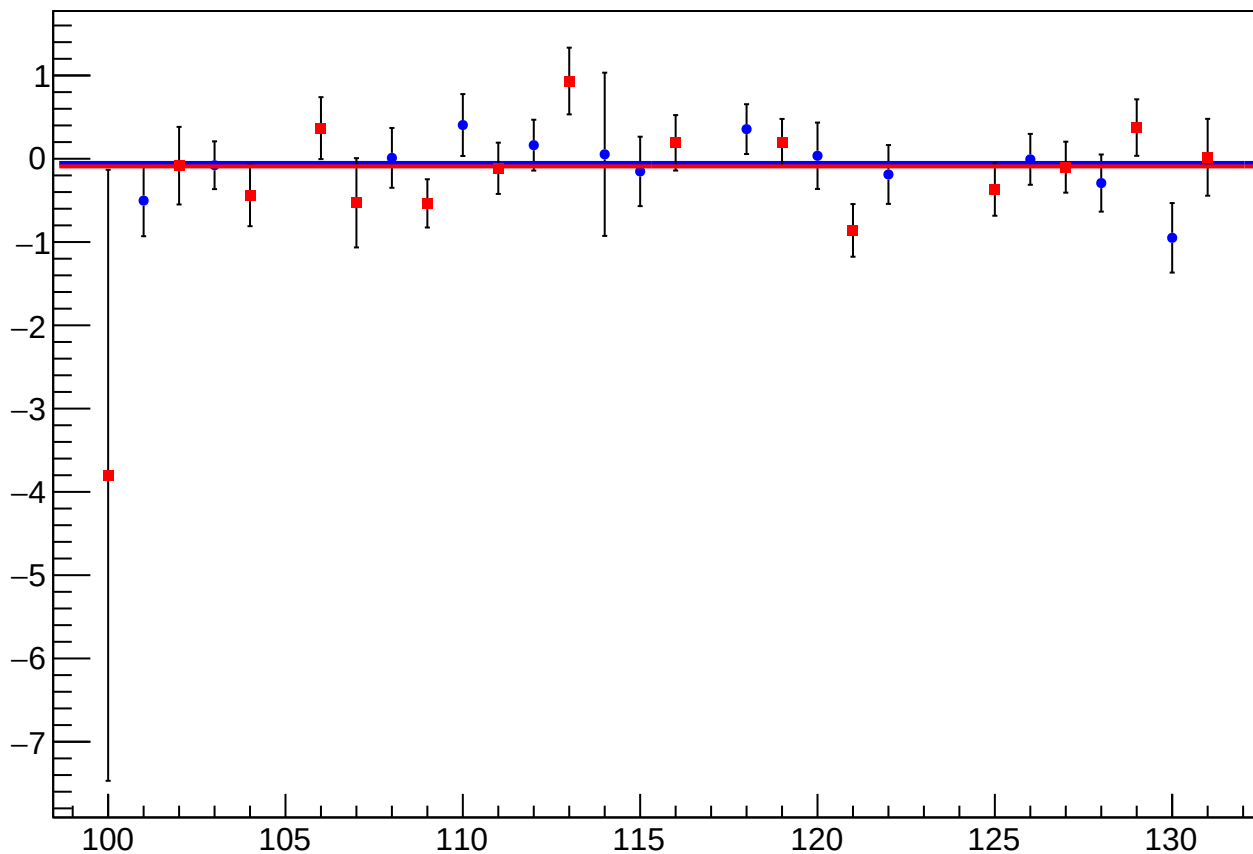
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 217.937 $\pm$ 0.048 χ^2 /NDF: 597870.8/27

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

asym_atl2_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.050 ± 0.100 χ^2/NDF : 10.4/12

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

Right Out: -0.092 ± 0.092 χ^2/NDF : 23.4/14

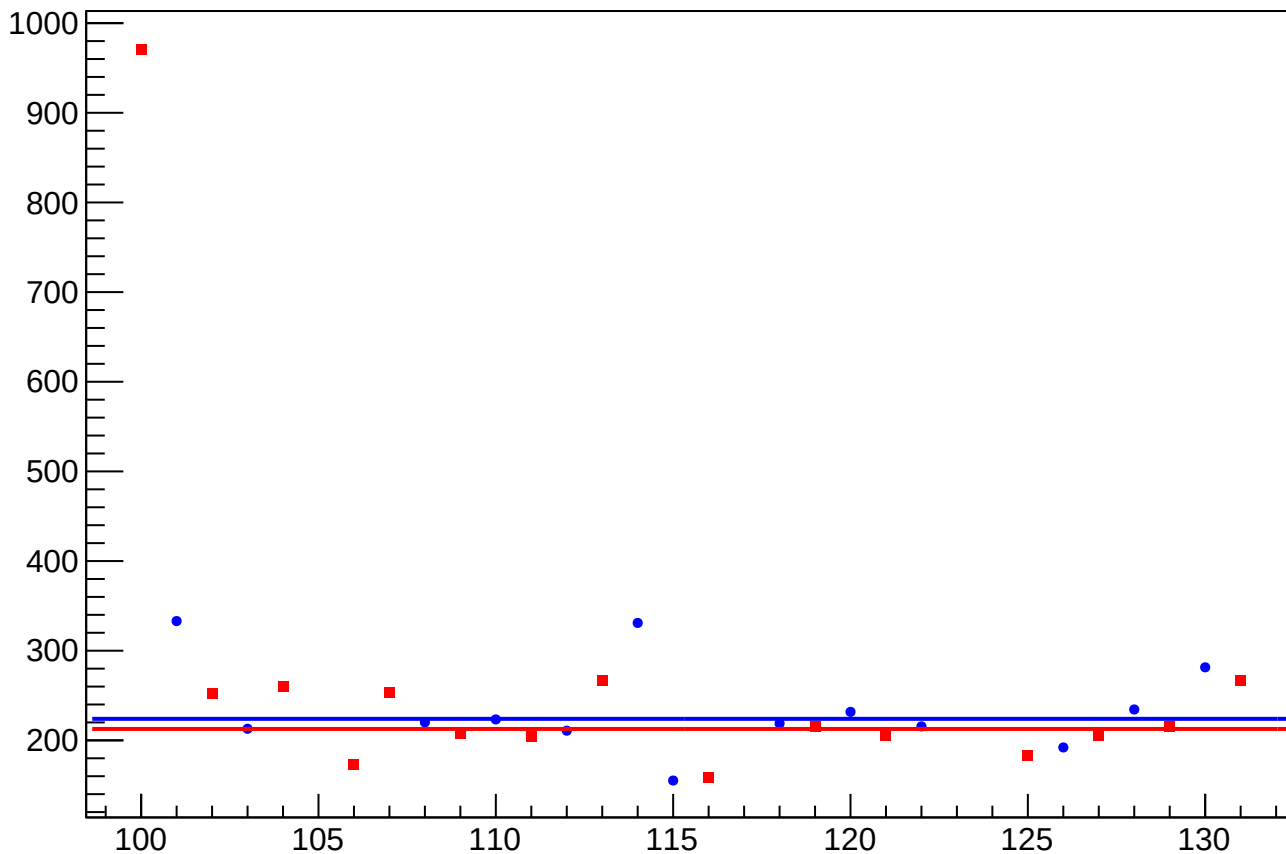
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.073 ± 0.068 χ^2/NDF : 33.9/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl2_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 224.004 $\pm$ 0.071 χ^2 /NDF: 279402.8/12

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

Right Out: 212.730 $\pm$ 0.065 χ^2 /NDF: 304706.2/14

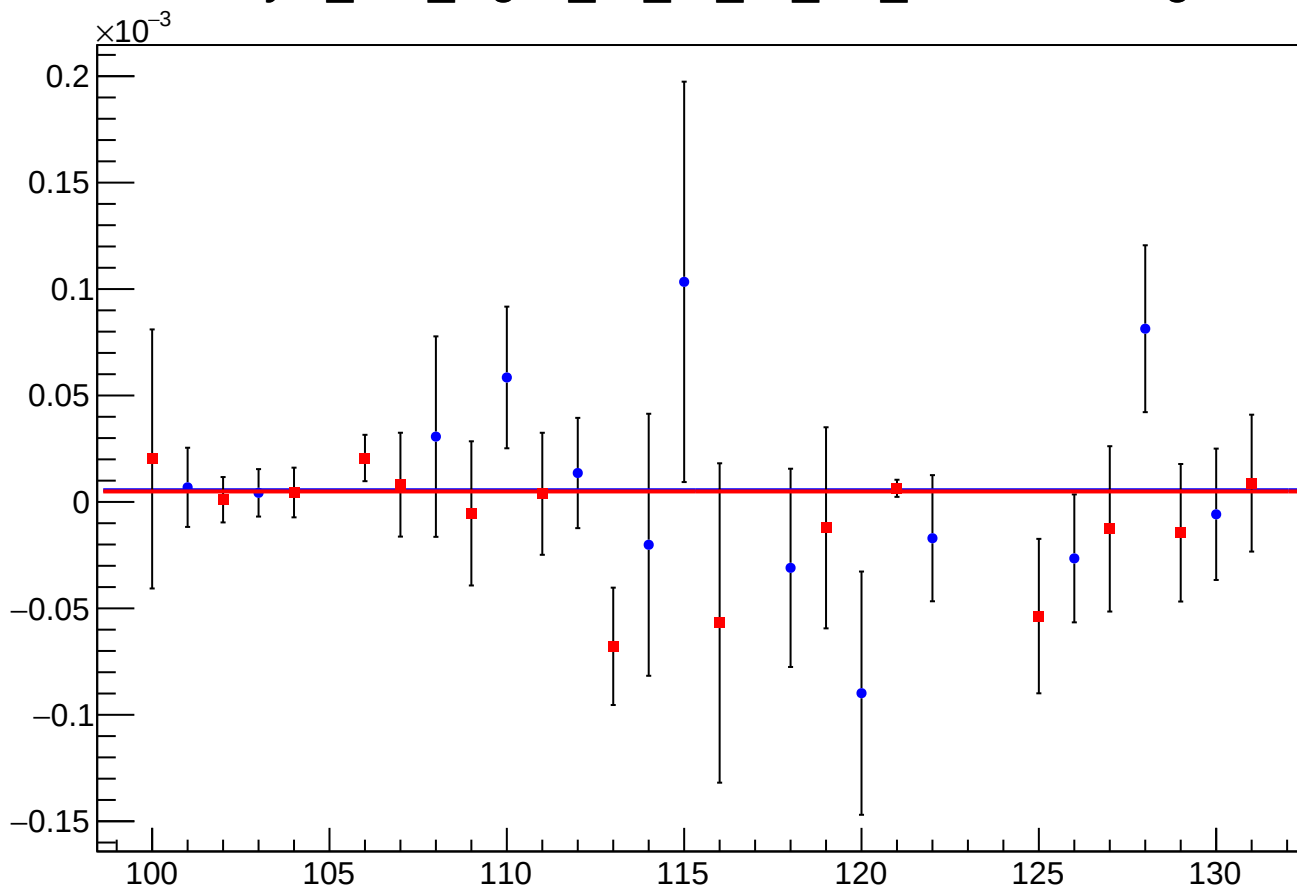
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 217.937 $\pm$ 0.048 χ^2 /NDF: 597870.8/27

- 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+/-0.000 χ^2/NDF : 13.2/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 13.5/14

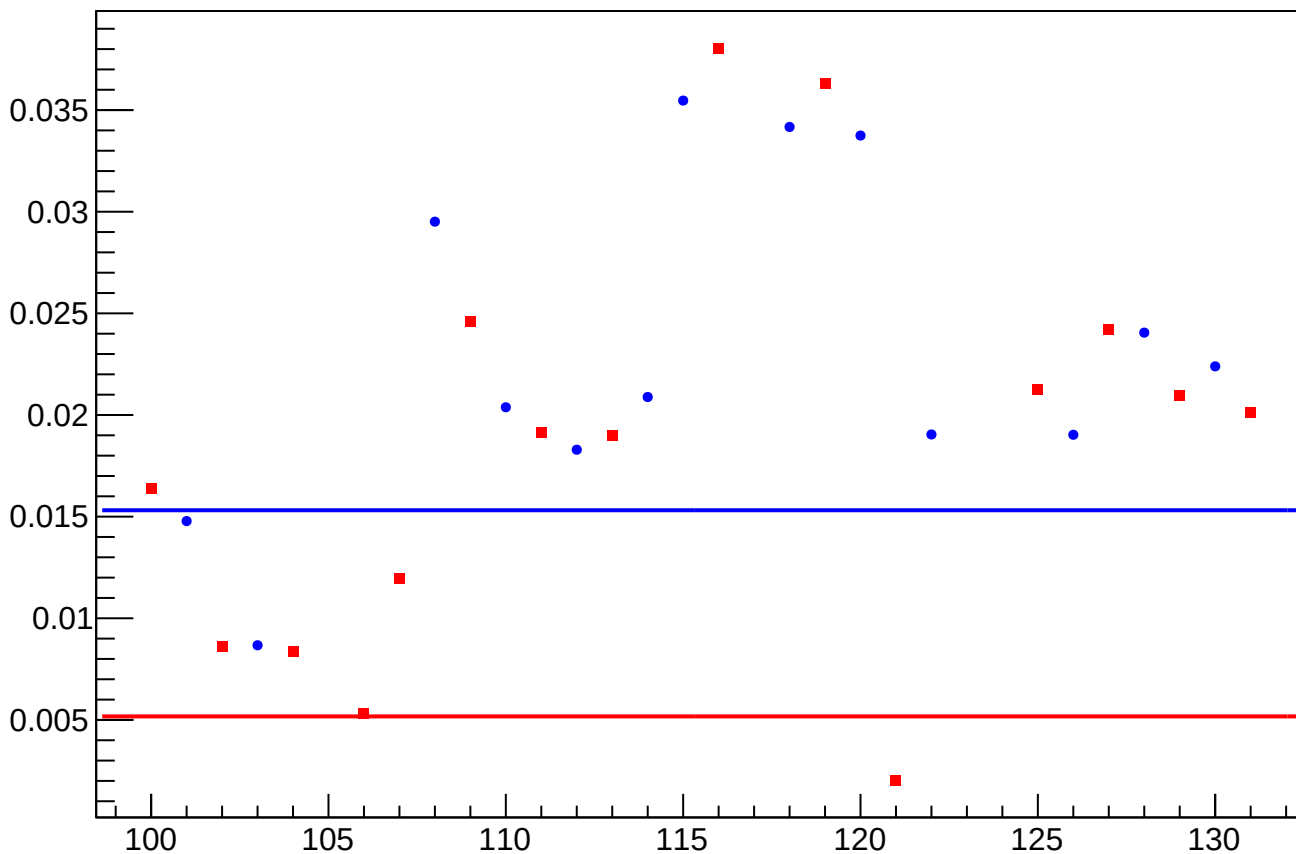
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.7/27

- sign 0.000+/-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 : 1877402.5/12

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

Right Out: 0.005+/-0.000 χ^2/NDF : 6490974.4/14

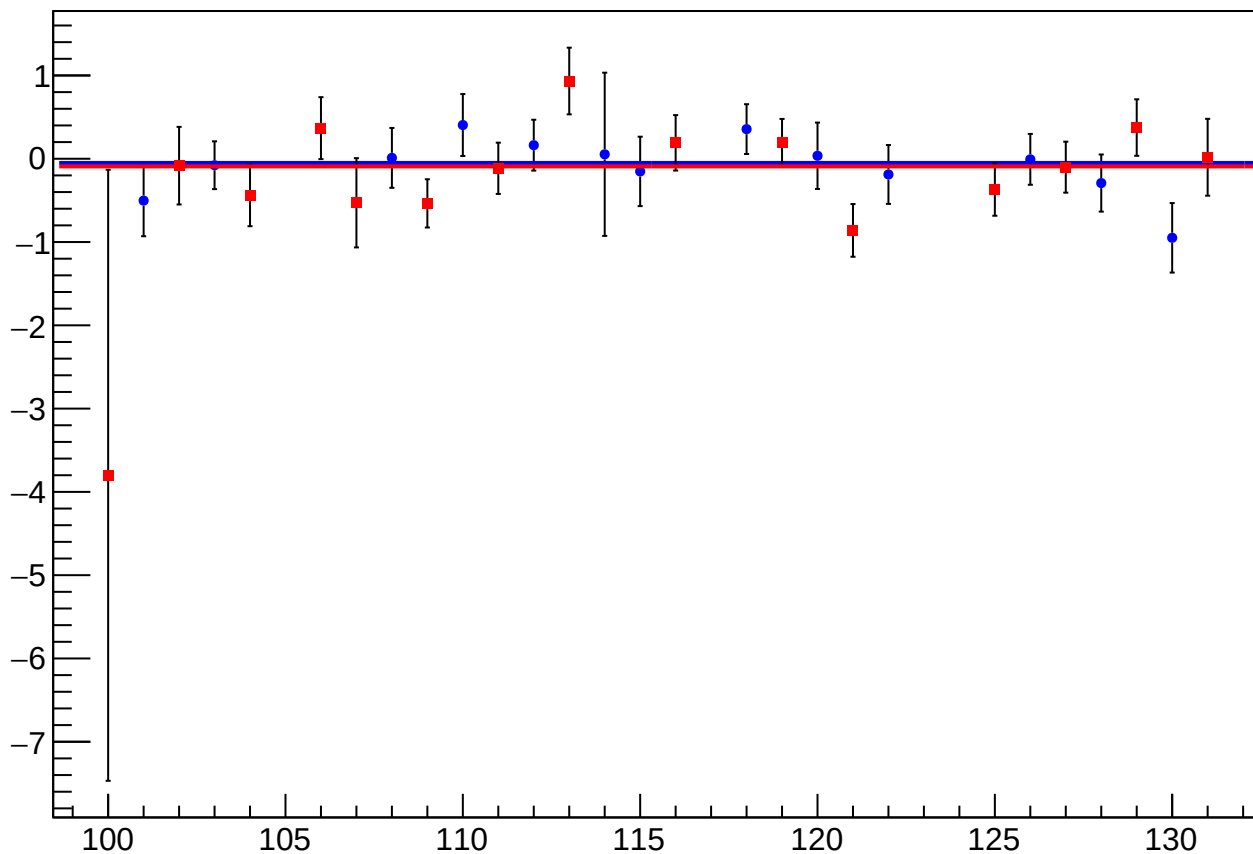
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 11611763.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.050 ± 0.100 χ^2/NDF : 10.4/12

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

Right Out: -0.092 ± 0.092 χ^2/NDF : 23.4/14

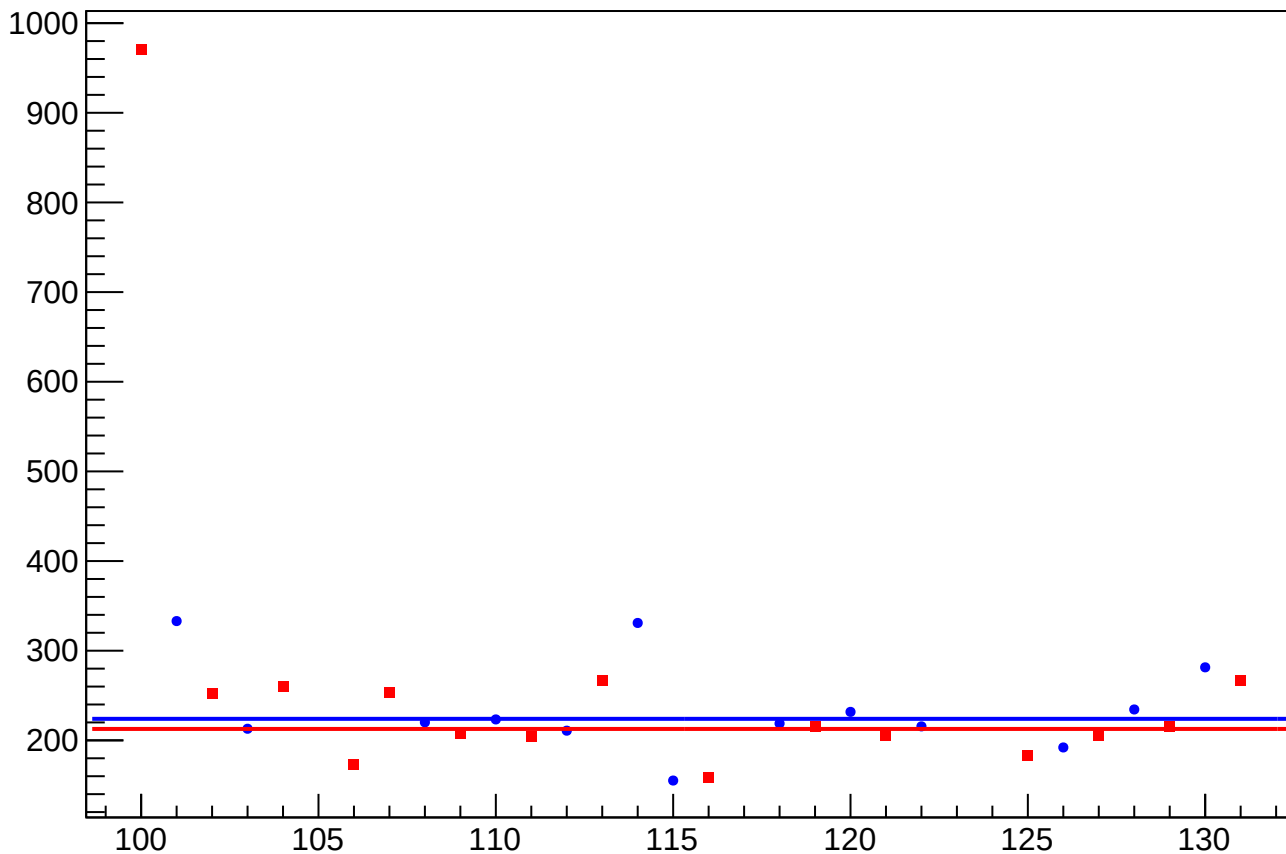
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.073 ± 0.068 χ^2/NDF : 33.9/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 224.005 $\pm$ 0.071 χ^2 /NDF: 279360.7/12

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

Right Out: 212.732 $\pm$ 0.065 χ^2 /NDF: 304666.8/14

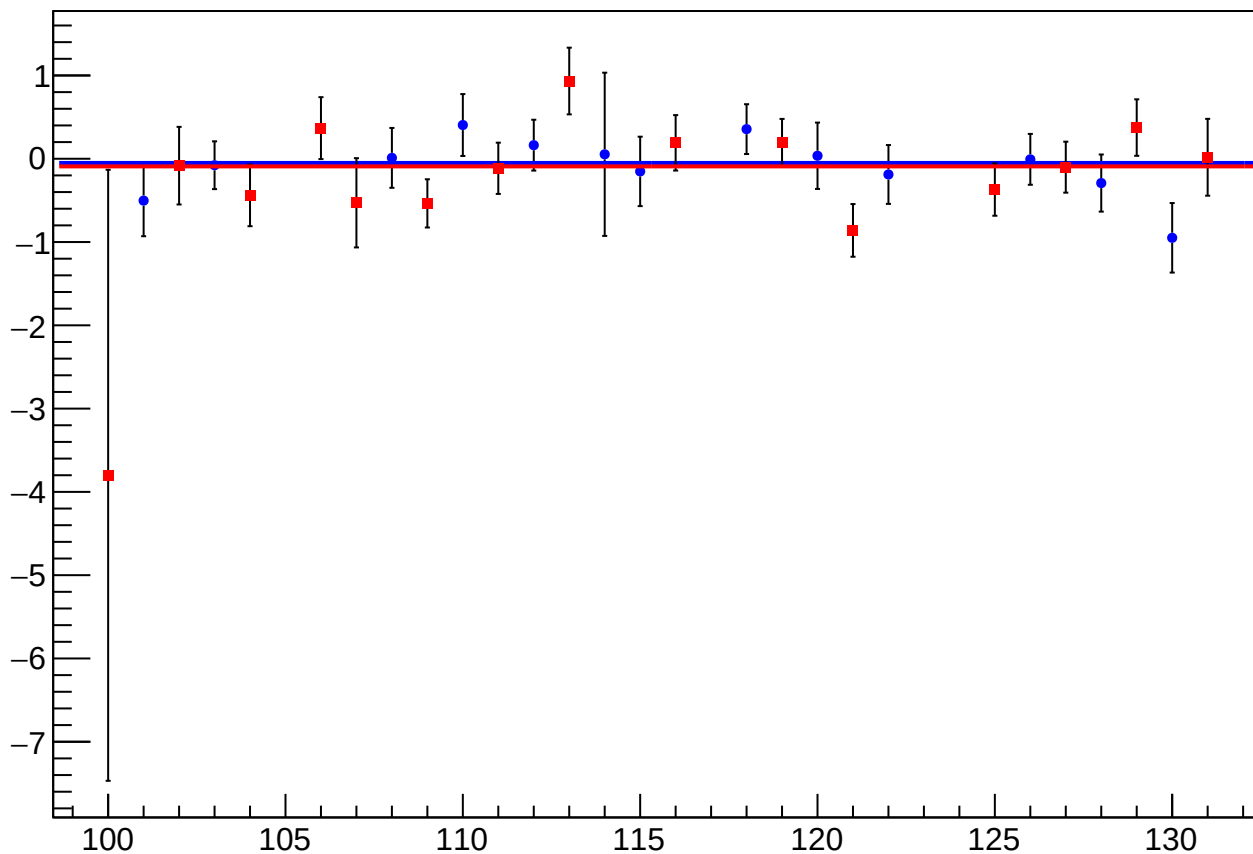
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 217.938 $\pm$ 0.048 χ^2 /NDF: 597787.1/27

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

asym_atl2_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.050 ± 0.100 χ^2/NDF : 10.4/12

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

Right Out: -0.092 ± 0.092 χ^2/NDF : 23.4/14

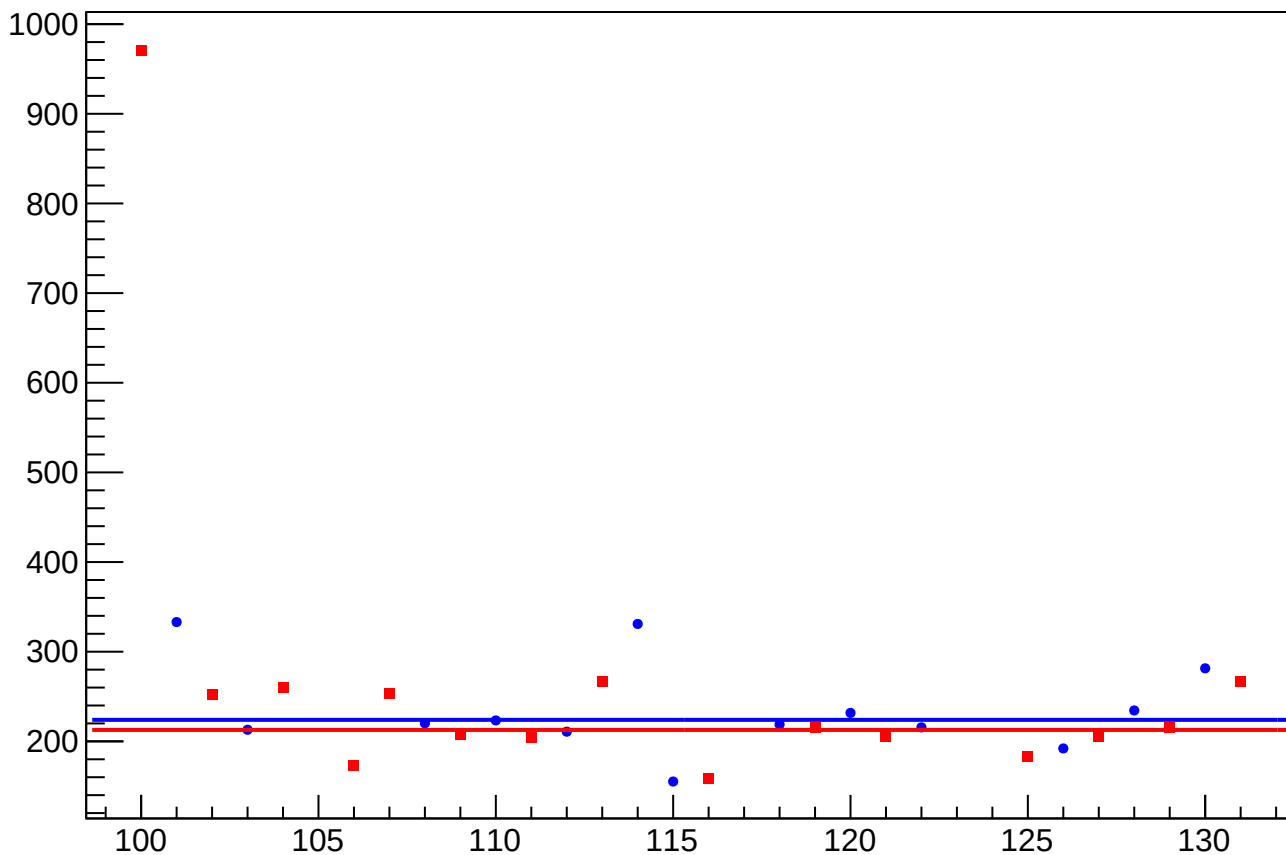
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.073 ± 0.068 χ^2/NDF : 33.9/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 224.005 $\pm$ 0.071 χ^2 /NDF: 279360.7/12

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

Right Out: 212.732 $\pm$ 0.065 χ^2 /NDF: 304666.8/14

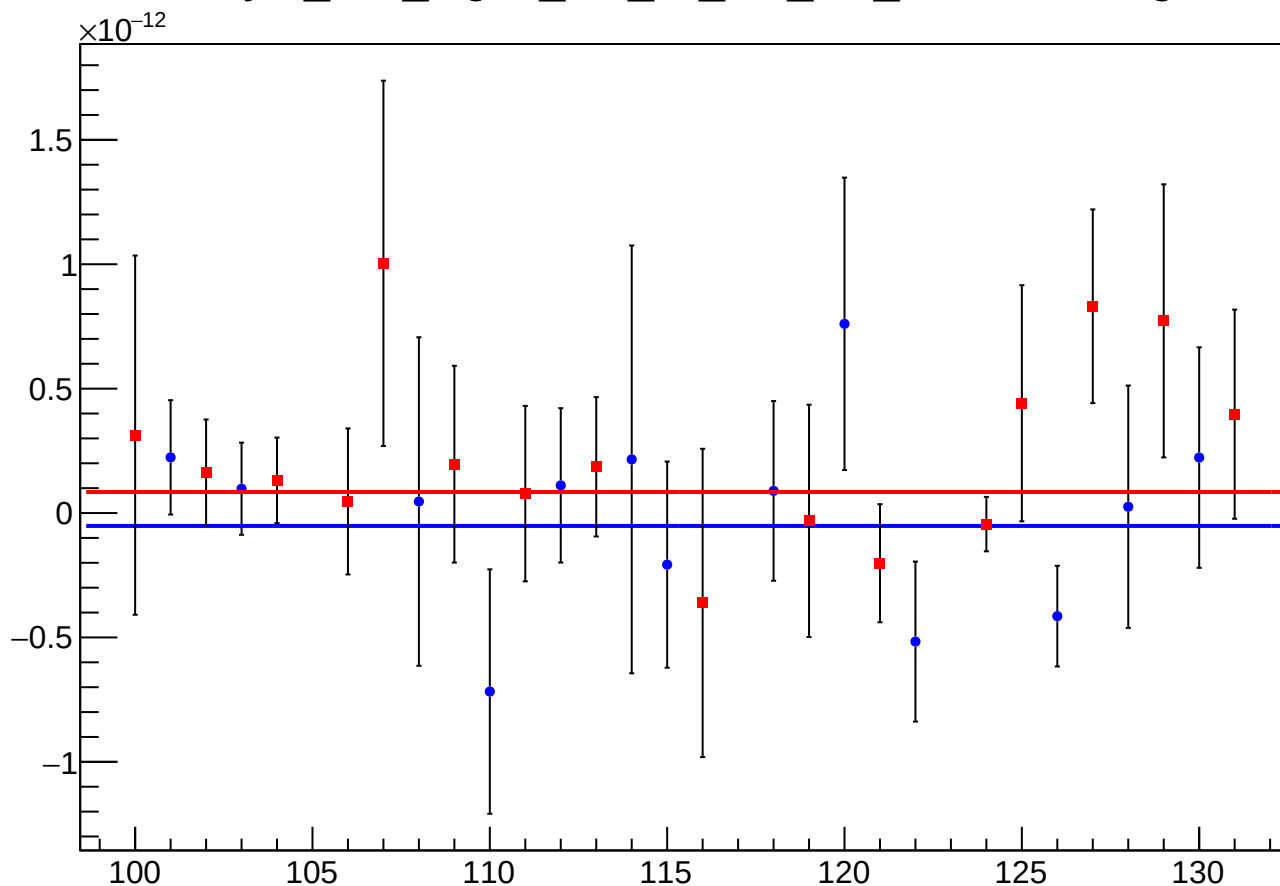
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 217.938 $\pm$ 0.048 χ^2 /NDF: 597787.1/27

- sign 0.000 $\pm$ 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 : 12.2/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 11.9/15

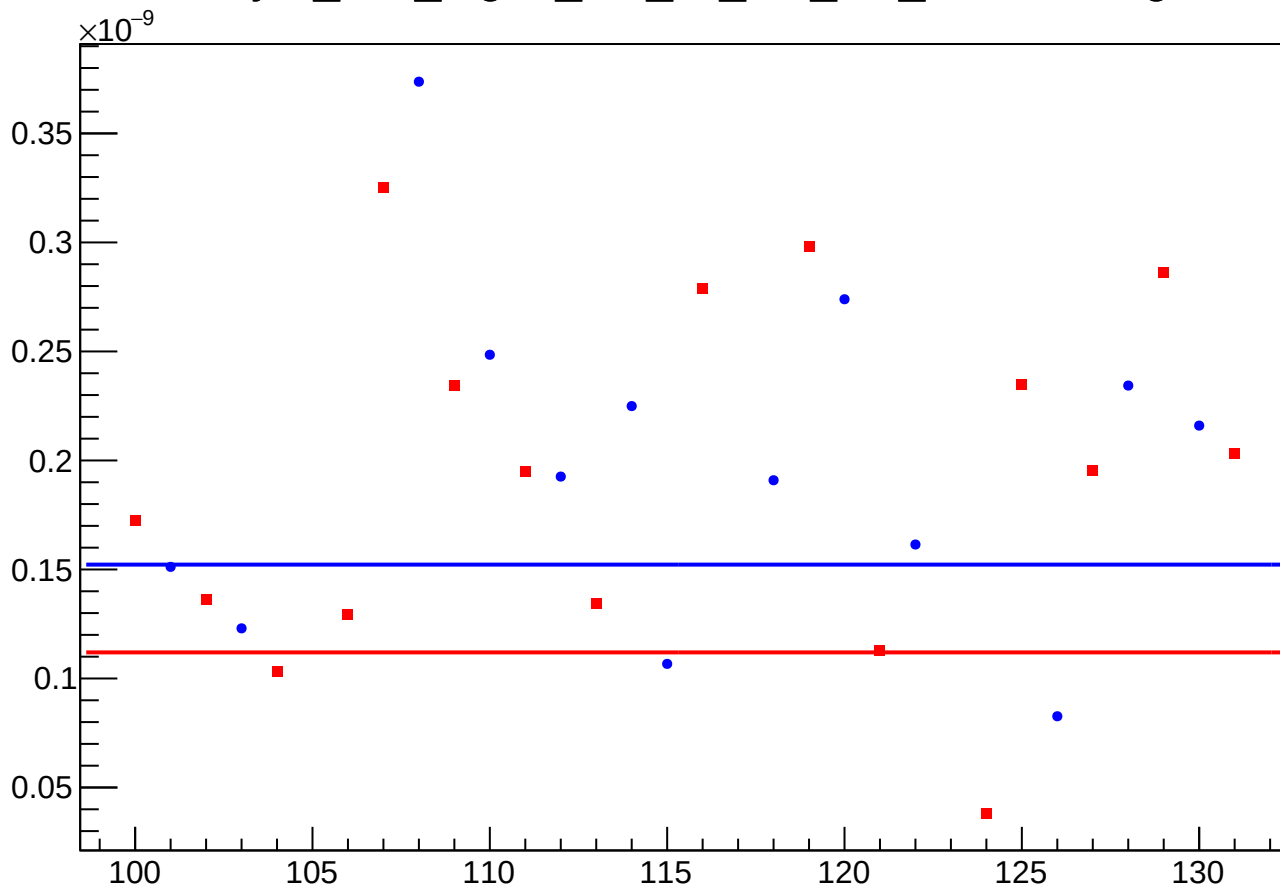
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 868759.0/12

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

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 2436245.7/15

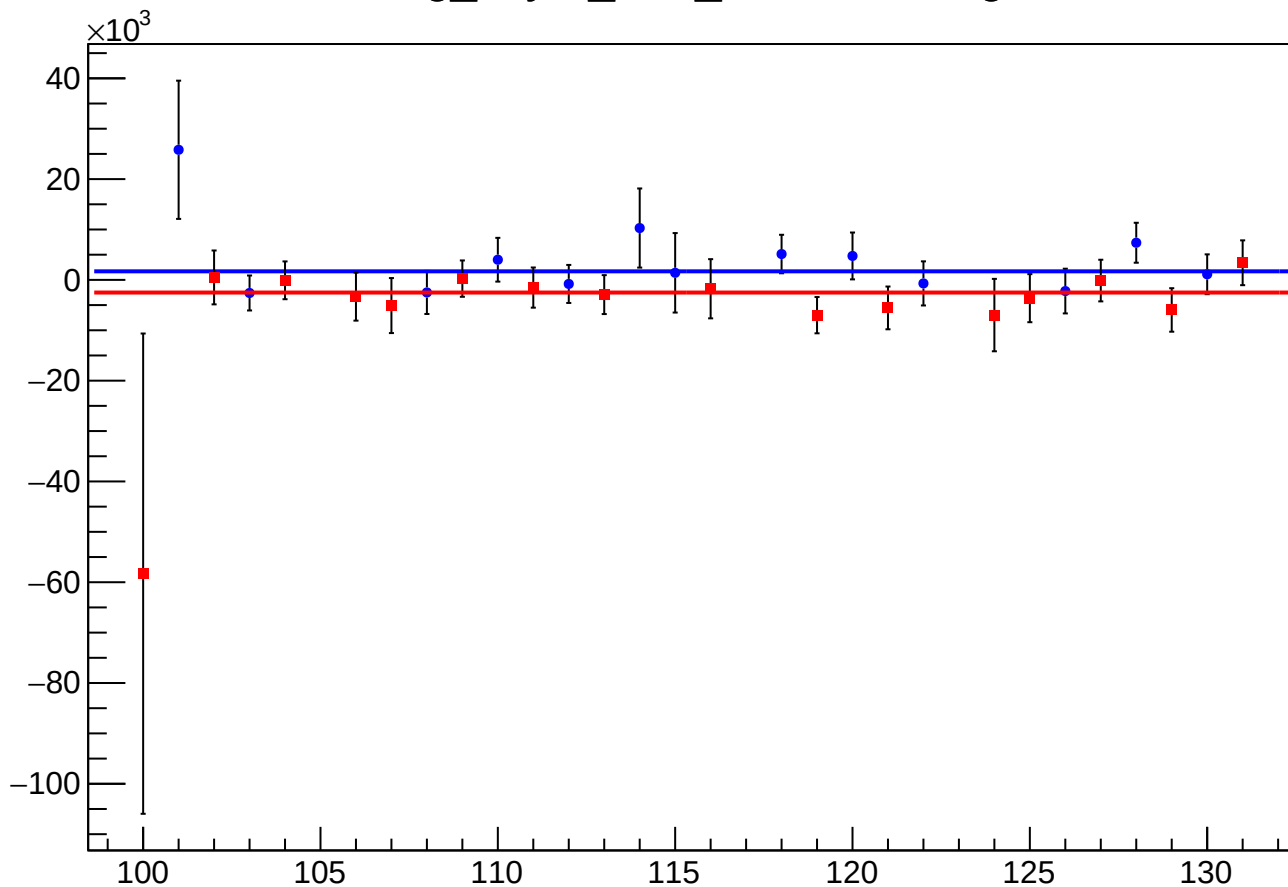
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2/NDF : 3567832.5/28

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

reg_asym_atr1_mean vs Slug



Right In: 1697.473 $\pm$ 1246.013 χ^2/NDF : 11.9/12

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

Right Out: -2510.300 $\pm$ 1133.087 χ^2/NDF : 8.3/15

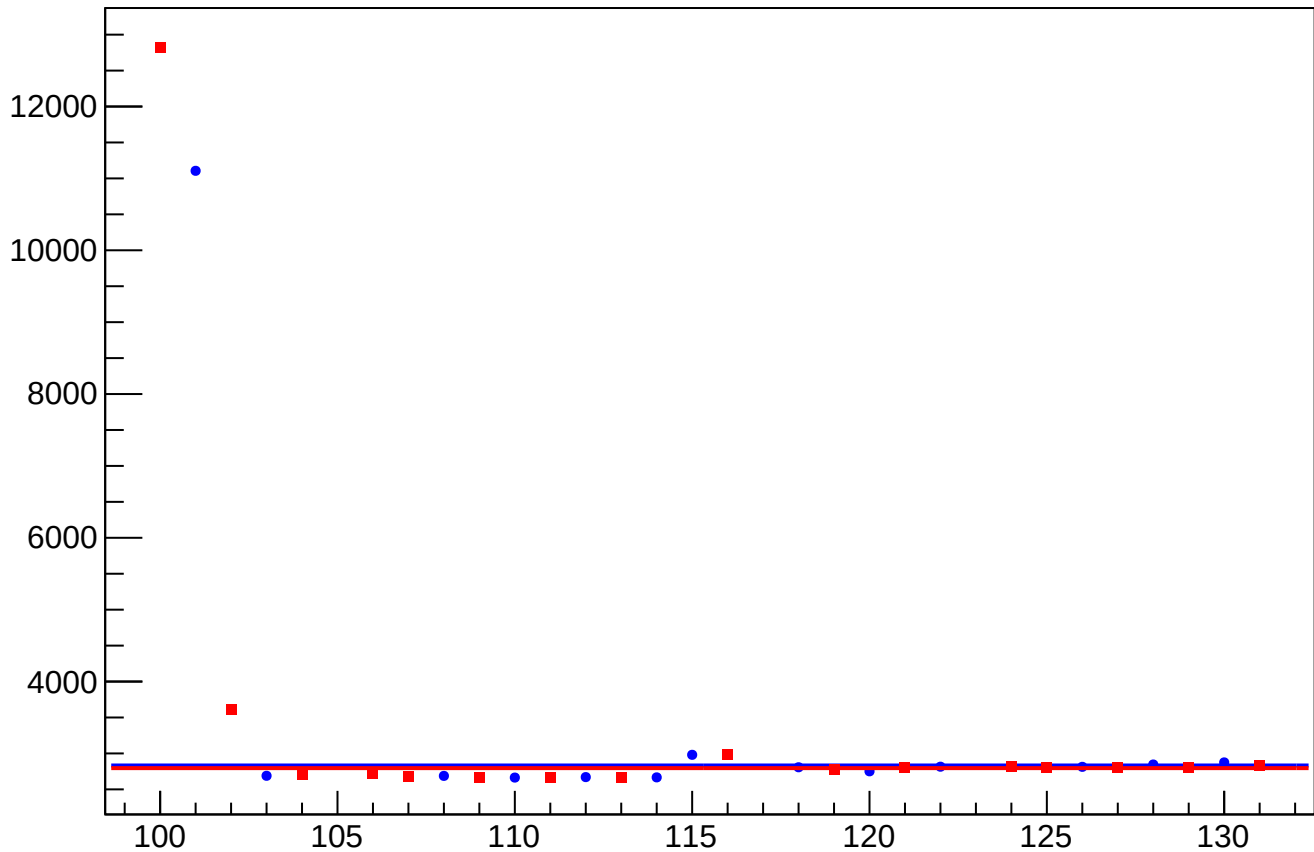
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: -605.690 $\pm$ 838.300 χ^2/NDF : 26.4/28

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

reg_asym_atr1_rms vs Slug



Right In: 2832.168 $\pm$ 0.881 χ^2 /NDF: 742638.0/12

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

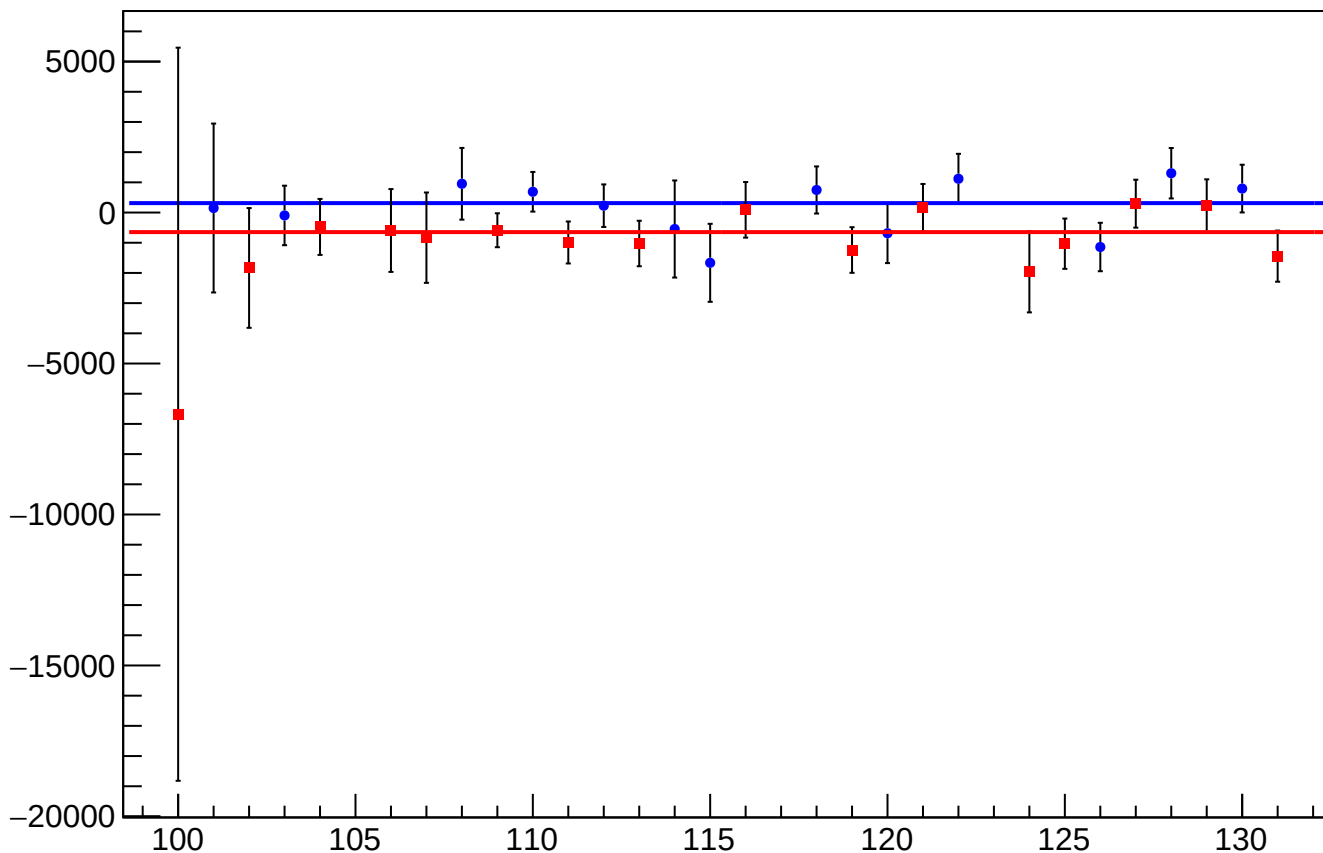
Right Out: 2795.505 $\pm$ 0.801 χ^2 /NDF: 146412.0/15

All: 2812.100 $\pm$ 0.593 χ^2 /NDF: 889997.9/28

- 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_atr1_reg_correction_mean vs Slug



Right In: 312.610 $\pm$ 250.745 χ^2 /NDF: 10.8/12

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

Right Out: -647.820 $\pm$ 222.301 χ^2 /NDF: 7.9/15

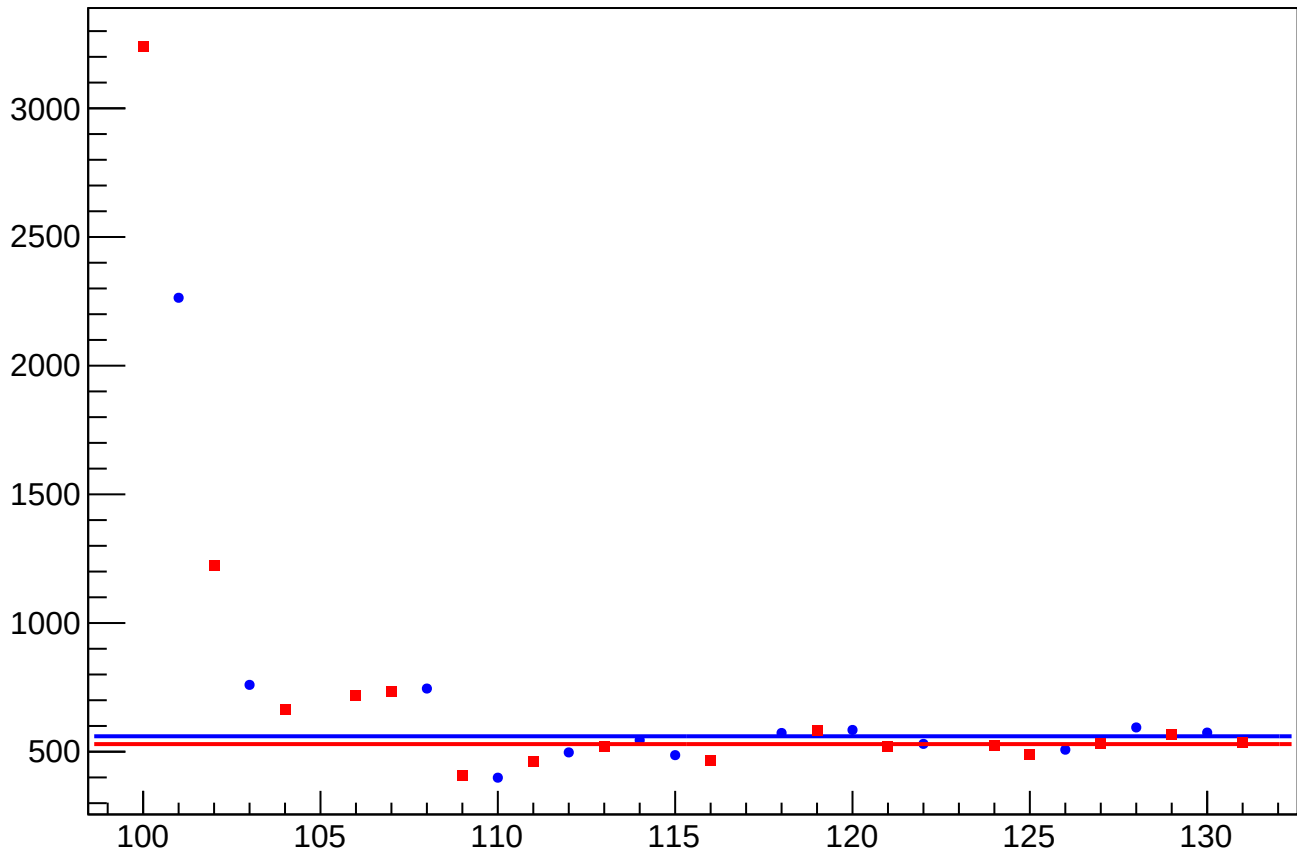
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -225.148 $\pm$ 166.342 χ^2 /NDF: 26.9/28

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

asym_atr1_reg_correction_rms vs Slug



Right In: 559.946 $\pm$ 0.177 χ^2 /NDF: 1032480.0/12

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

Right Out: 529.546 $\pm$ 0.157 χ^2 /NDF: 605063.0/15

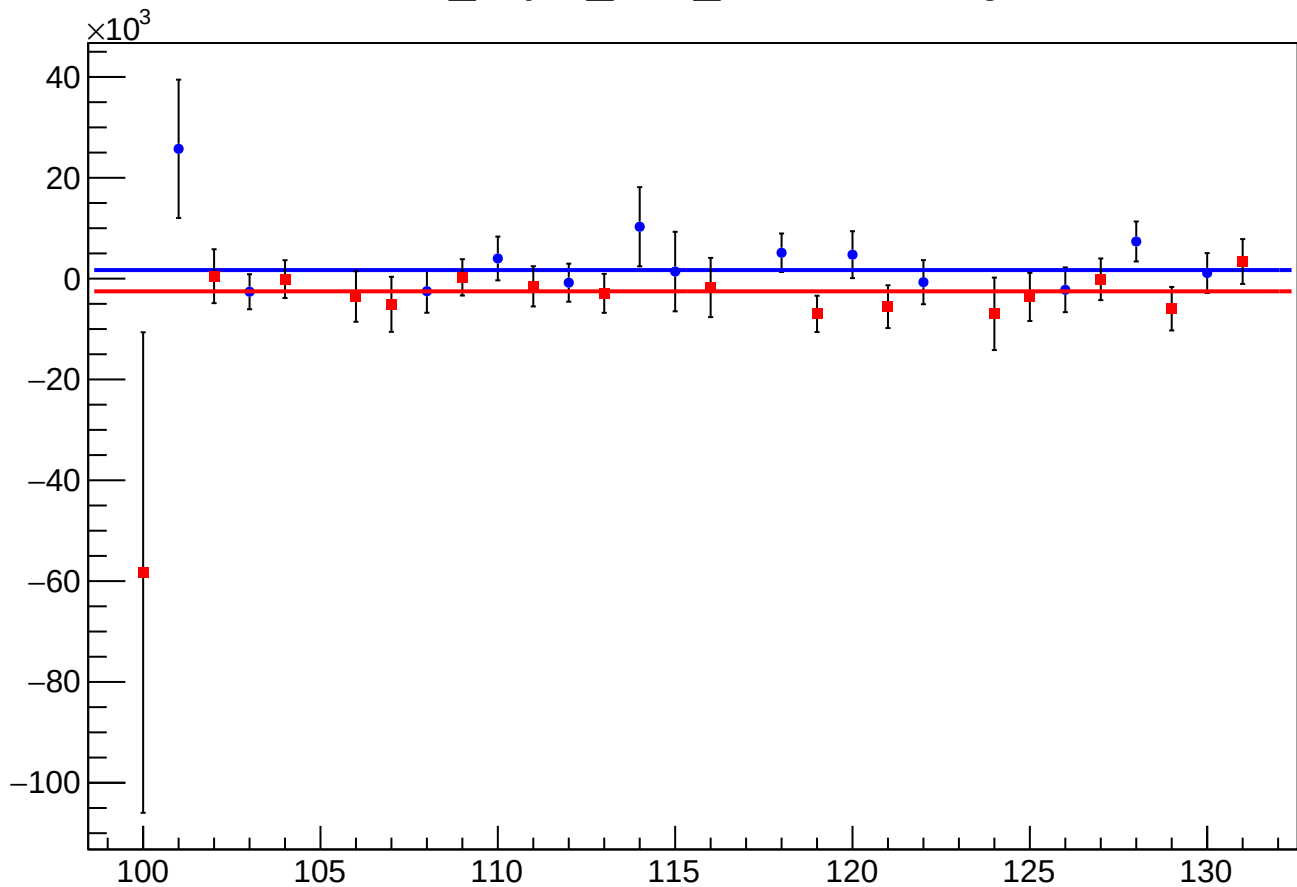
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 542.925 $\pm$ 0.118 χ^2 /NDF: 1654003.5/28

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

cor_asym_atr1_mean vs Slug



Right In: 1696.519+/-1246.013 χ^2/NDF : 11.9/12

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

Right Out: -2518.133+/-1136.214 χ^2/NDF : 8.3/15

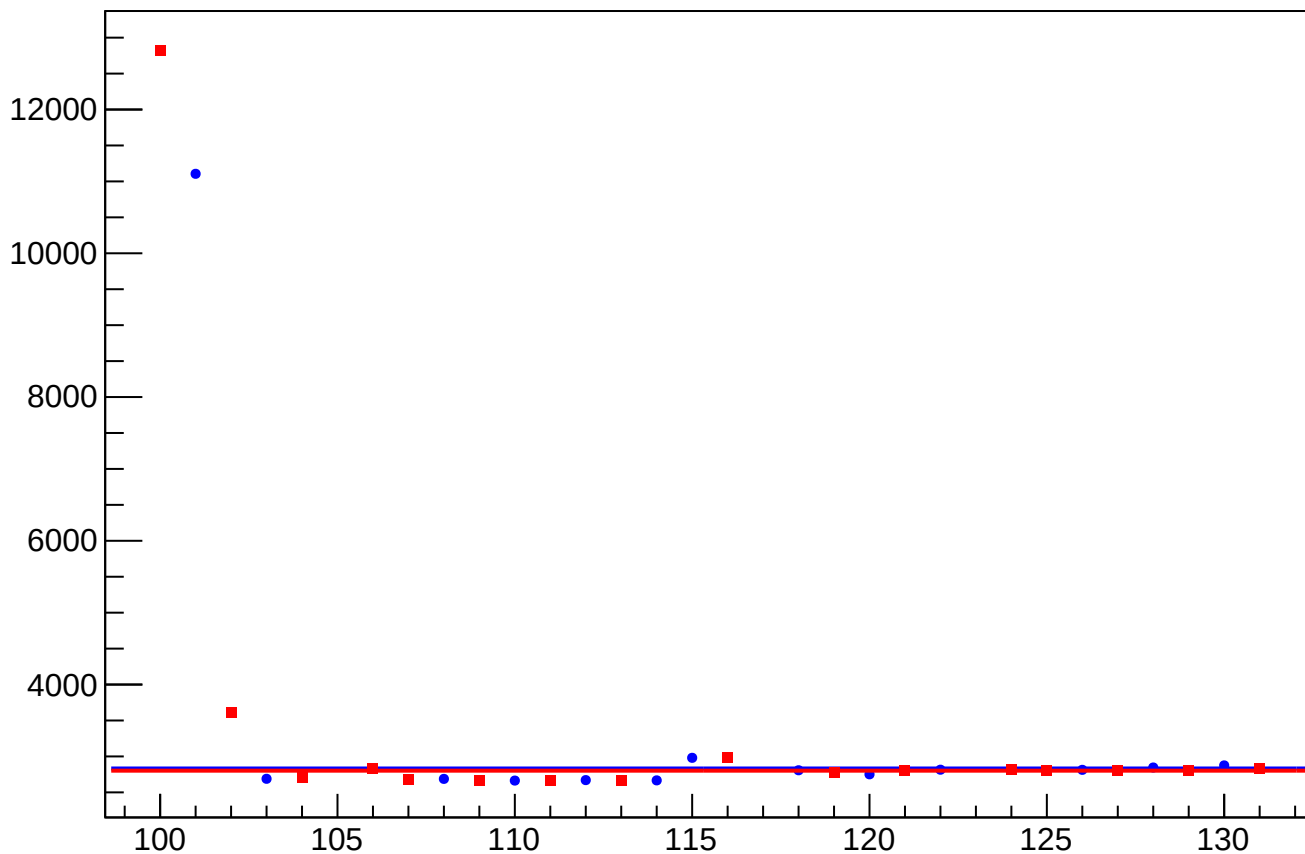
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -604.653+/-839.564 χ^2/NDF : 26.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr1_rms vs Slug



Right In: 2832.168+/-0.881 χ^2/NDF : 742637.2/12

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

Right Out: 2801.939+/-0.803 χ^2/NDF : 146013.9/15

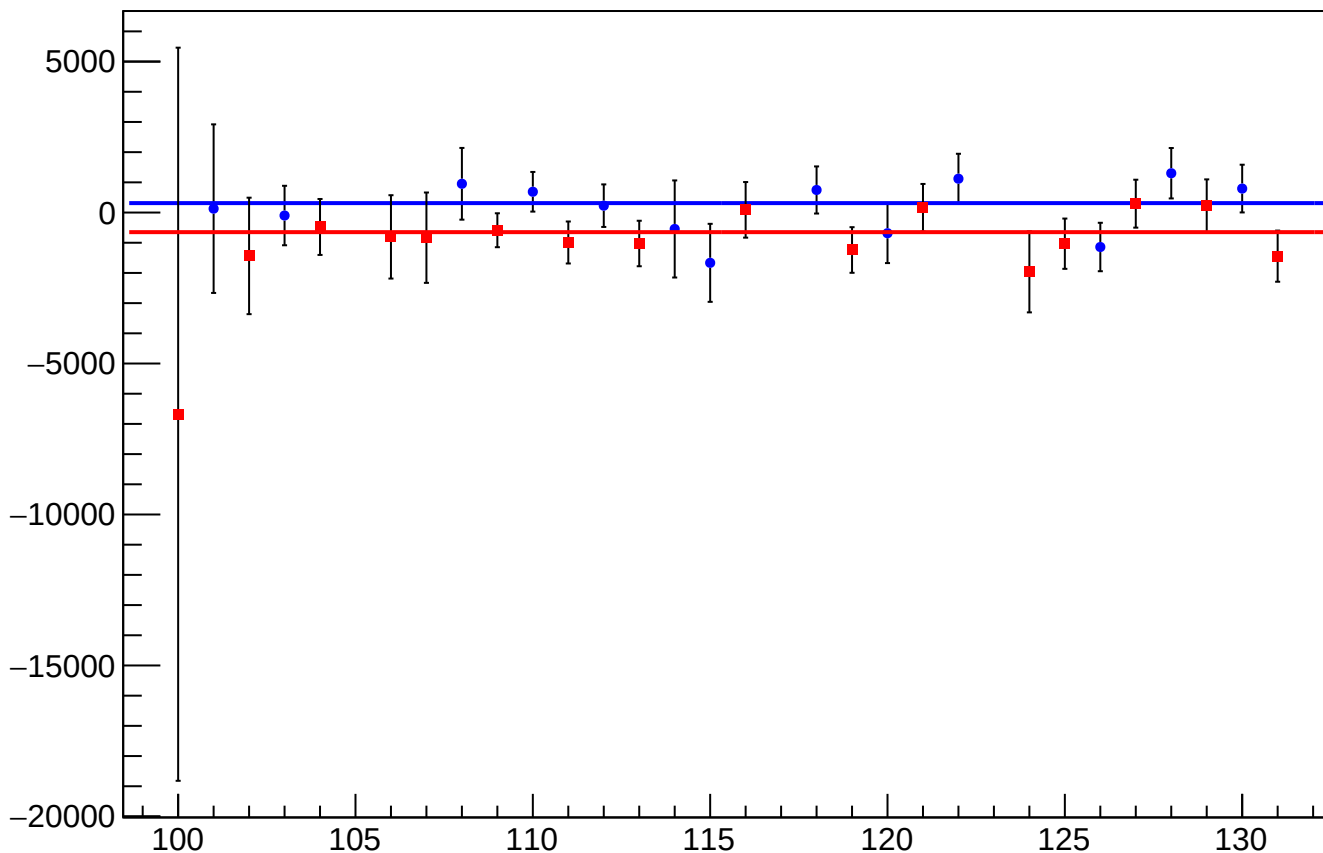
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2815.663+/-0.594 χ^2/NDF : 889293.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_cor_correction_mean vs Slug



Right In: 312.536 $\pm$ 250.737 χ^2 /NDF: 10.8/12

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

Right Out: -649.012 $\pm$ 222.251 χ^2 /NDF: 7.8/15

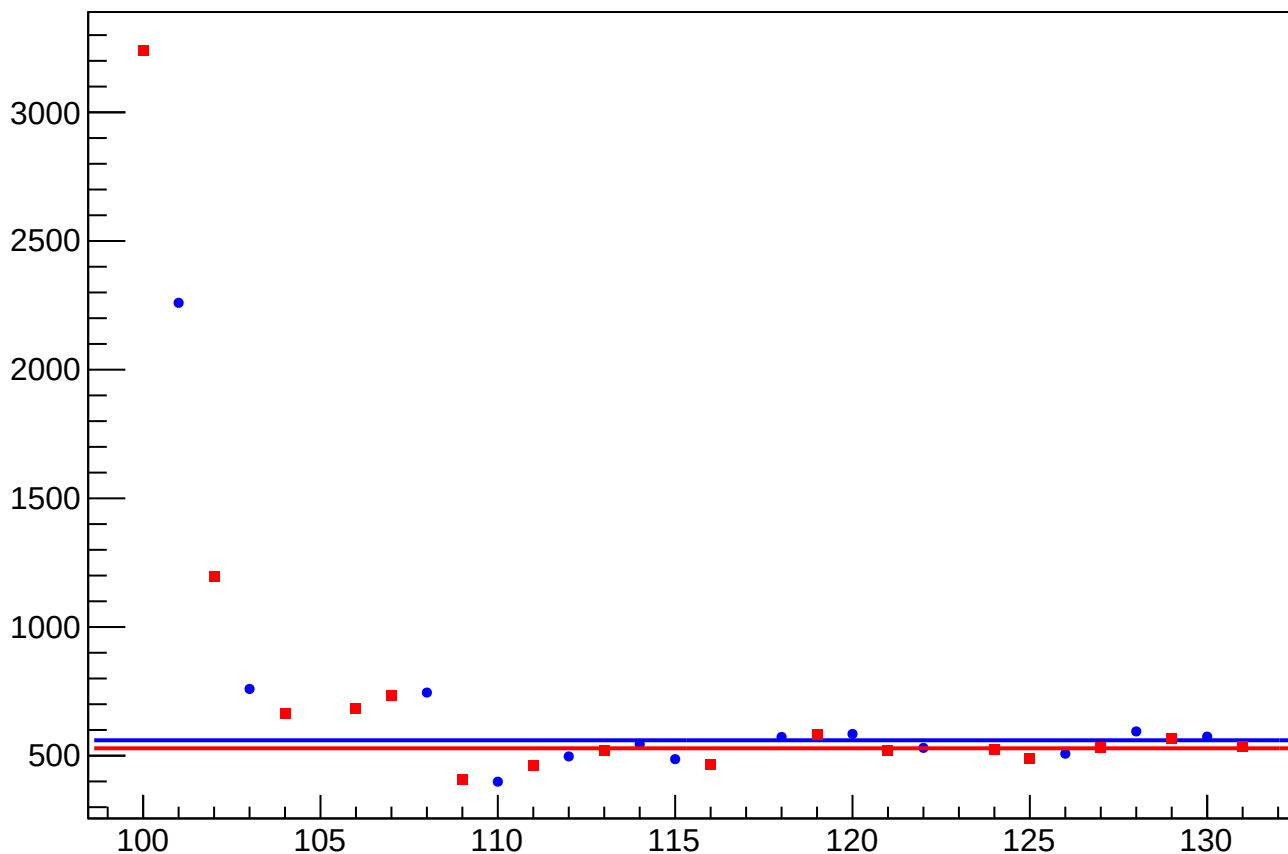
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -225.938 $\pm$ 166.318 χ^2 /NDF: 26.8/28

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

asym_atr1_cor_correction_rms vs Slug



Right In: 559.959 $\pm$ 0.177 χ^2 /NDF: 1031489.6/12

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

Right Out: 528.764 $\pm$ 0.157 χ^2 /NDF: 588256.8/15

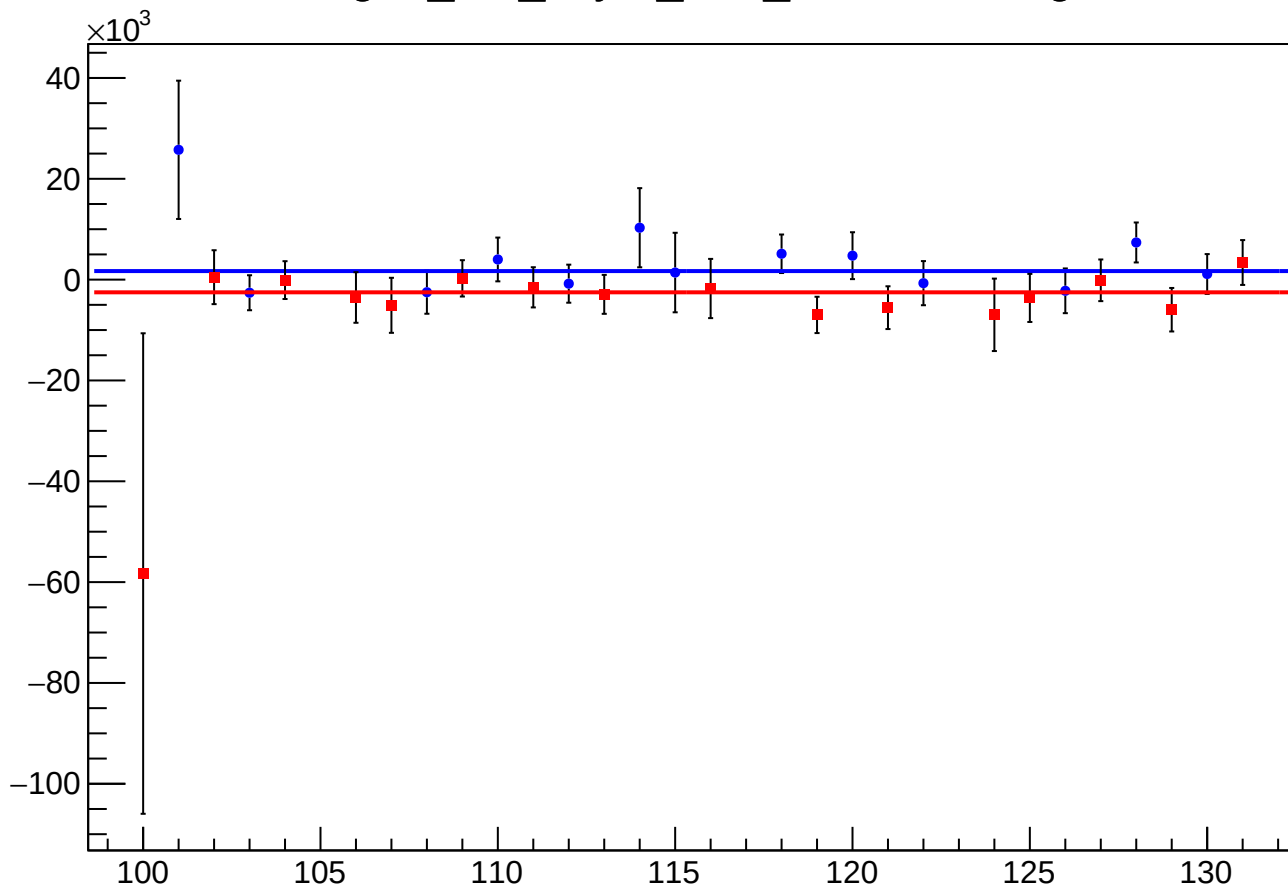
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 542.490 $\pm$ 0.118 χ^2 /NDF: 1637083.4/28

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

eigen_cor_asym_atr1_mean vs Slug



Right In: 1696.519 $\pm$ 1246.013 χ^2 /NDF: 11.9/12

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

Right Out: -2518.133 $\pm$ 1136.214 χ^2 /NDF: 8.3/15

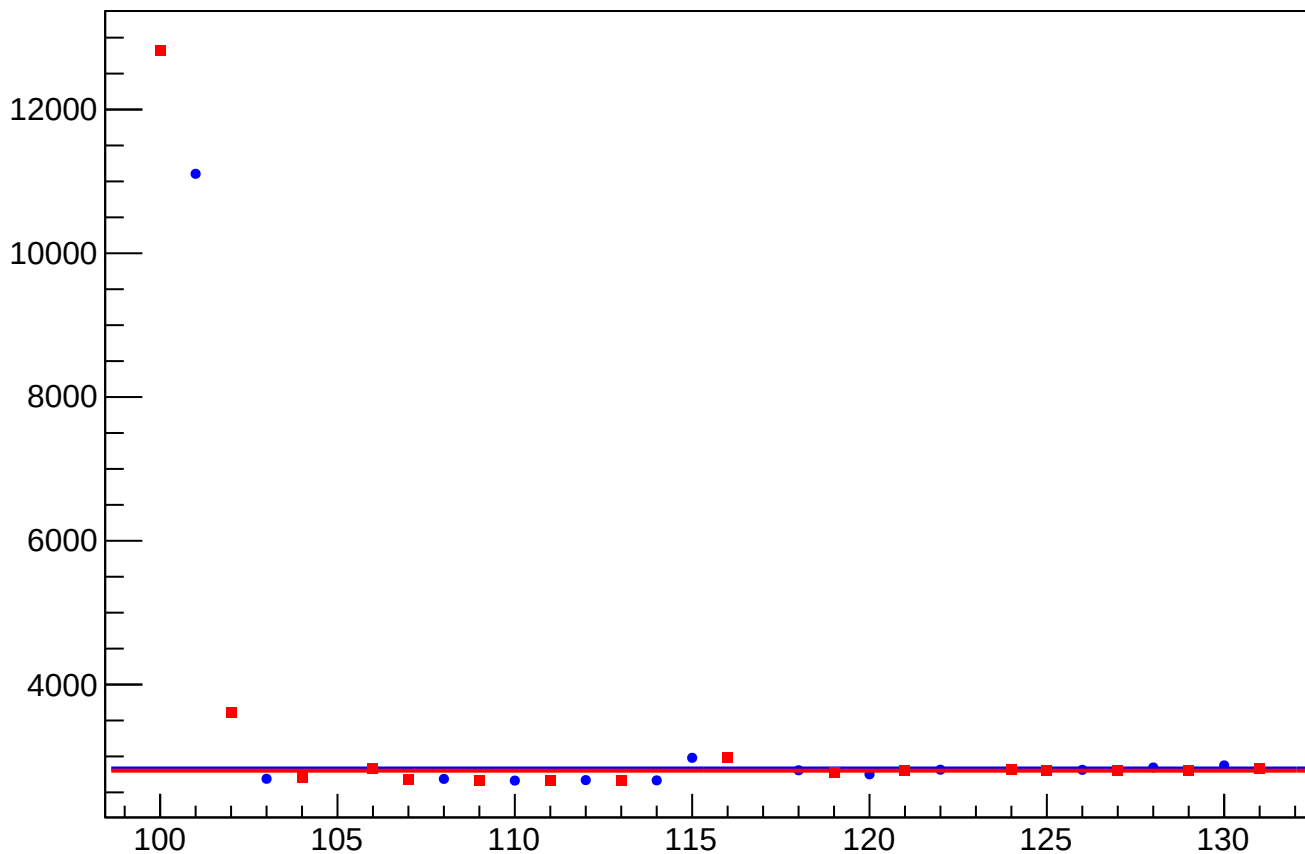
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -604.653 $\pm$ 839.564 χ^2 /NDF: 26.4/28

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

eigen_cor_asym_atr1_rms vs Slug



Right In: 2832.168+/-0.881 χ^2/NDF : 742637.2/12

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

Right Out: 2801.939+/-0.803 χ^2/NDF : 146013.9/15

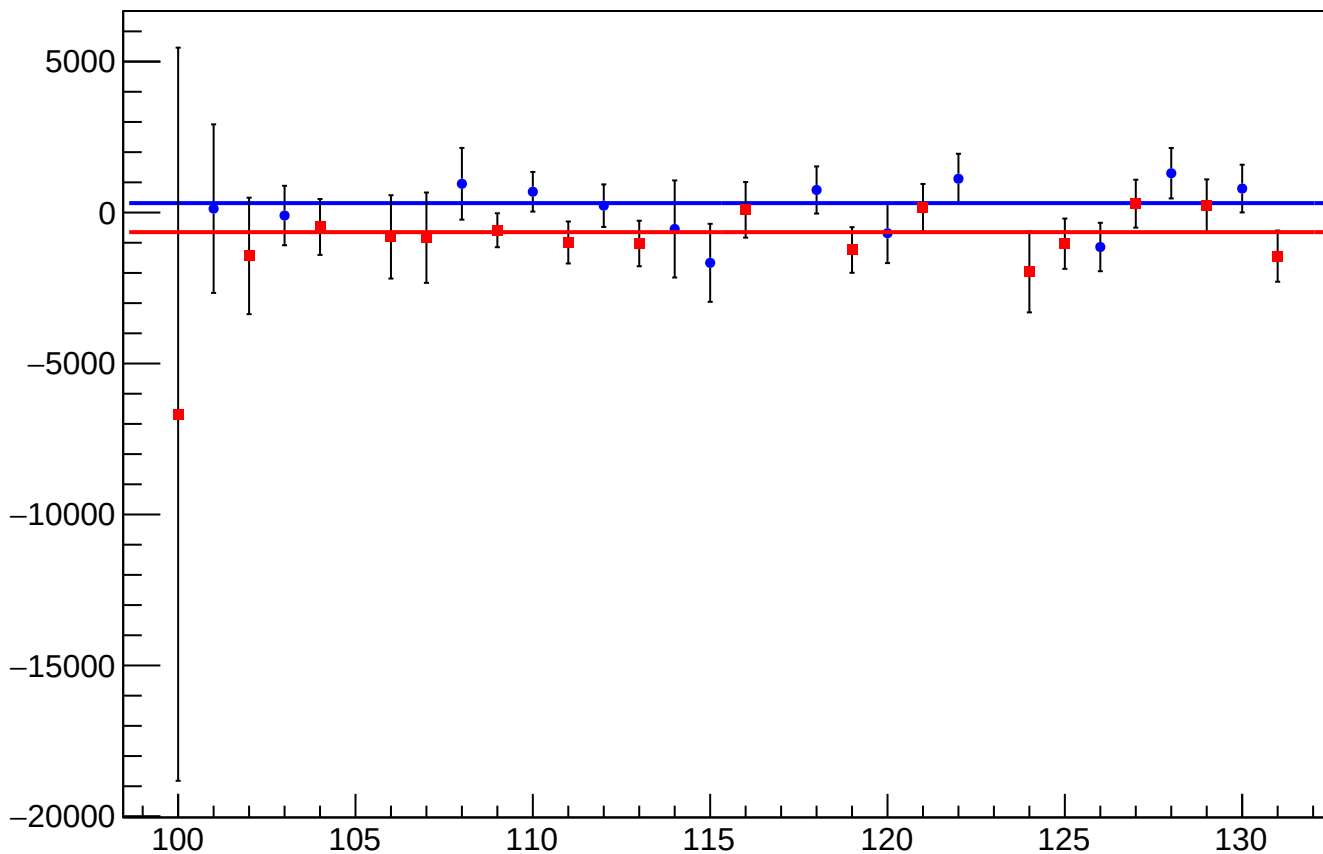
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2815.663+/-0.594 χ^2/NDF : 889293.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_cor_correction_mean vs Slug



Right In: 312.536+/-250.737 χ^2/NDF : 10.8/12

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

Right Out: -649.012+/-222.251 χ^2/NDF : 7.8/15

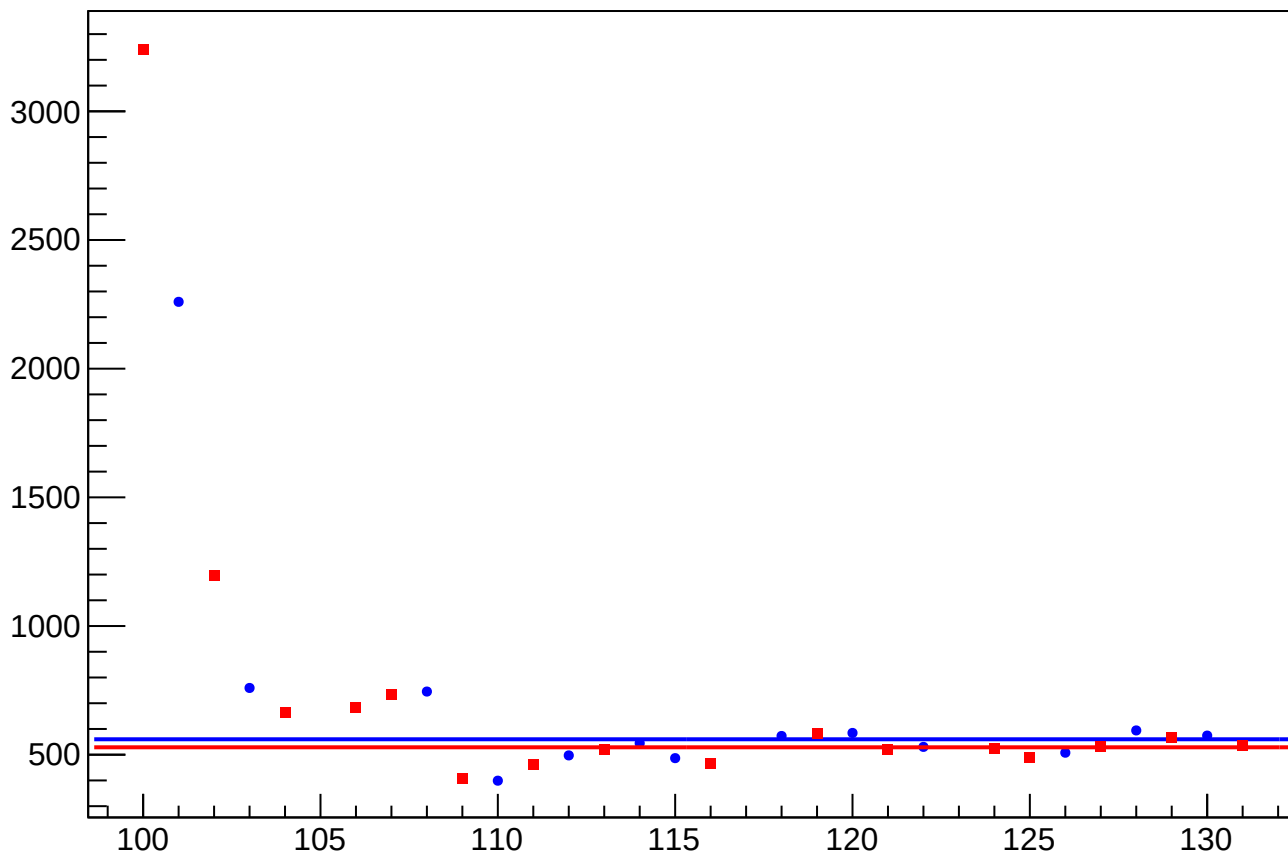
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -225.938+/-166.318 χ^2/NDF : 26.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_cor_correction_rms vs Slug



Right In: 559.959 $\pm$ 0.177 χ^2 /NDF: 1031489.6/12

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

Right Out: 528.764 $\pm$ 0.157 χ^2 /NDF: 588256.8/15

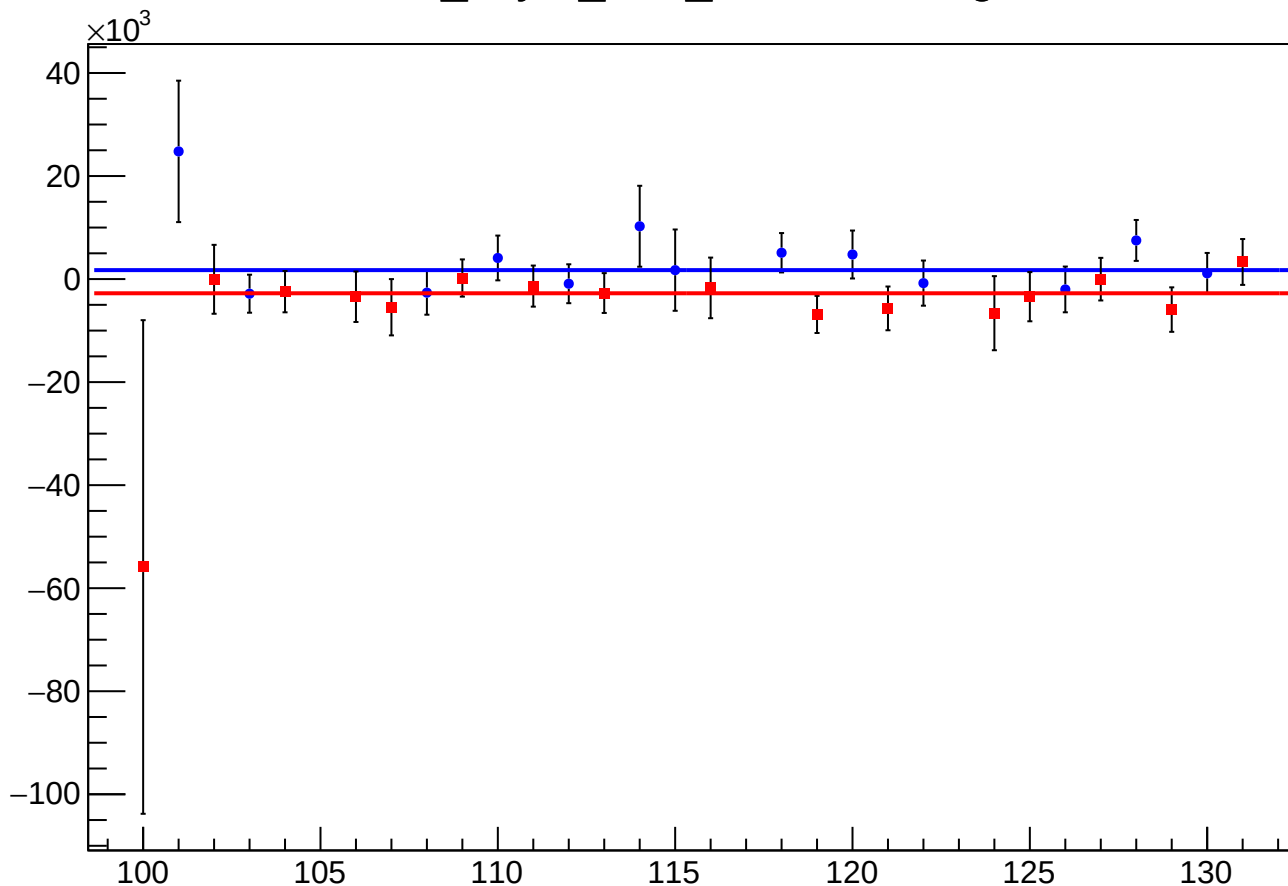
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 542.490 $\pm$ 0.118 χ^2 /NDF: 1637083.4/28

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

dit_asym_atr1_mean vs Slug



Right In: 1738.129+/-1256.231 χ^2/NDF : 11.7/12

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

Right Out: -2756.273+/-1151.577 χ^2/NDF : 7.4/15

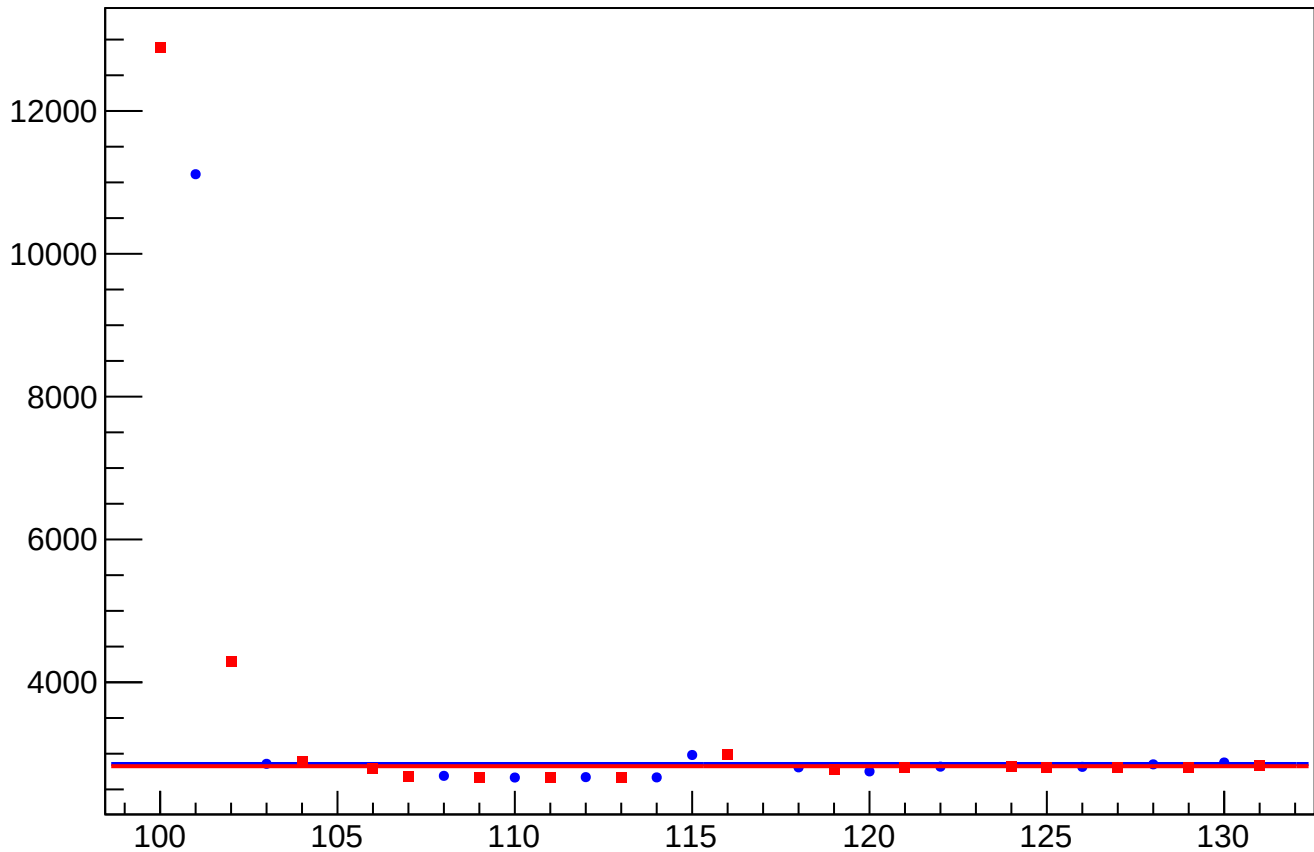
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -704.050+/-848.879 χ^2/NDF : 26.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr1_rms vs Slug



Right In: 2855.892 $\pm$ 0.888 χ^2 /NDF: 738799.5/12

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

Right Out: 2824.693 $\pm$ 0.814 χ^2 /NDF: 199327.6/15

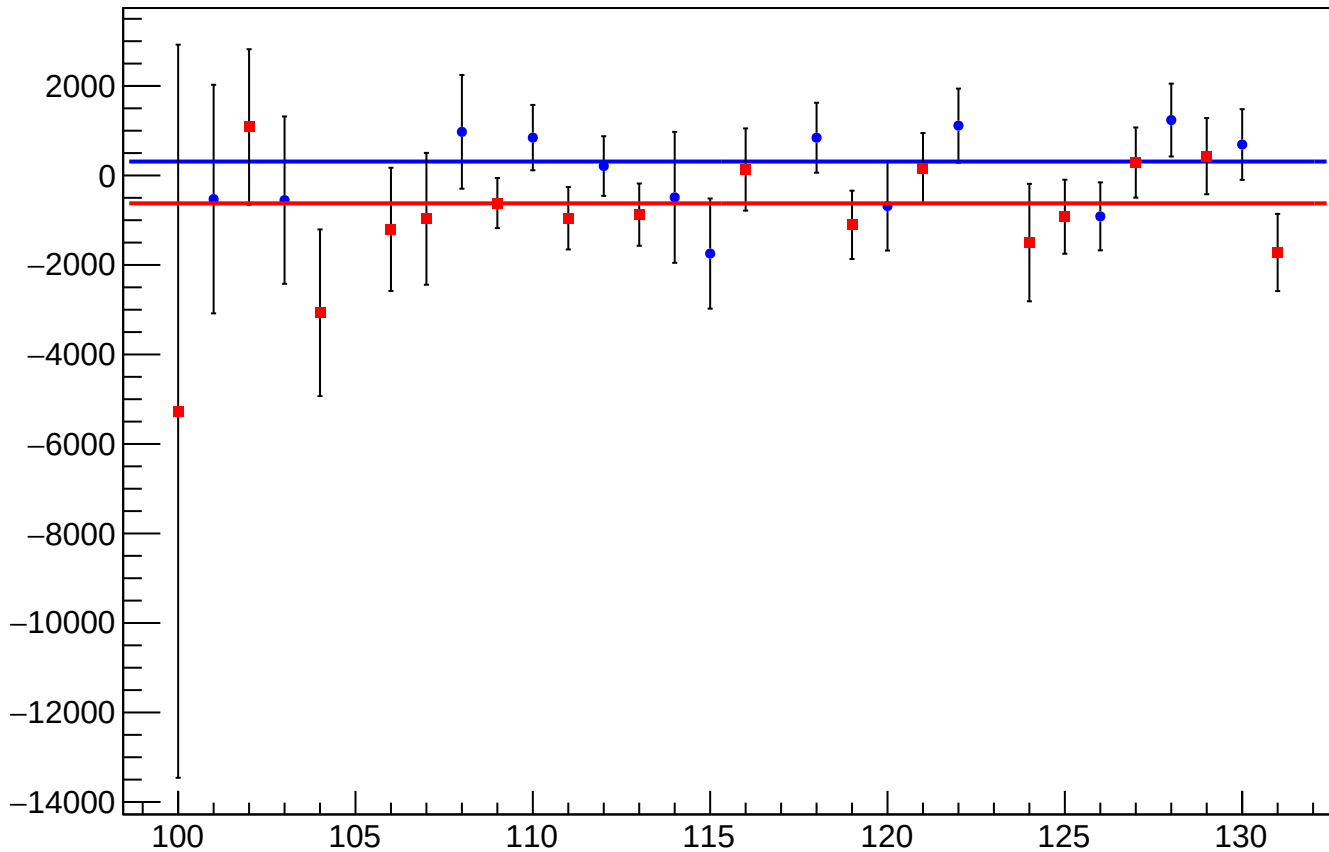
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 2838.939 $\pm$ 0.600 χ^2 /NDF: 938797.3/28

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

asym_atr1_dit_correction_mean vs Slug



Right In: 311.113 ± 255.921 χ^2/NDF : 10.8/12

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

Right Out: -622.510 ± 224.388 χ^2/NDF : 10.8/15

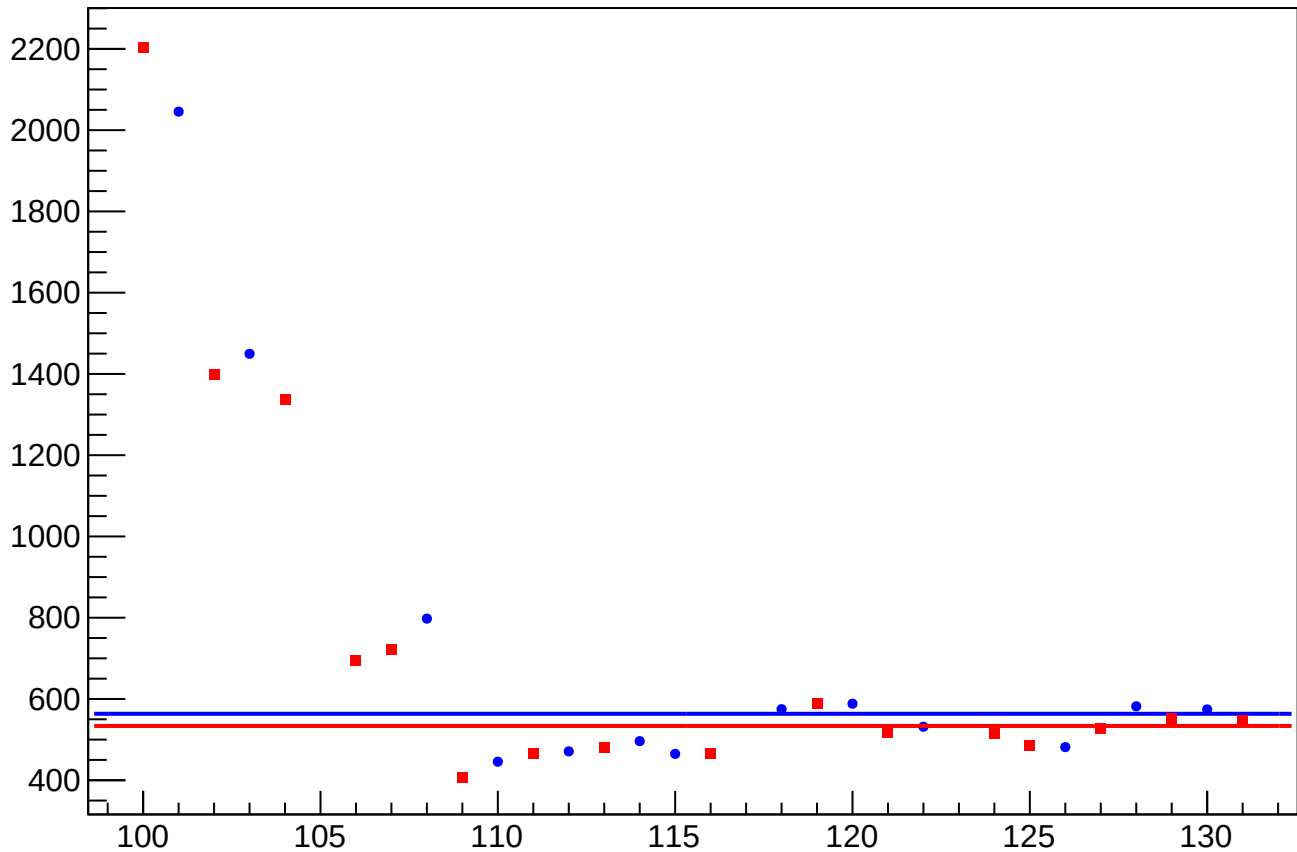
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -216.728 ± 168.720 χ^2/NDF : 29.1/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1_dit_correction_rms vs Slug



Right In: 563.516 $\pm$ 0.181 χ^2 /NDF: 1327754.7/12

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

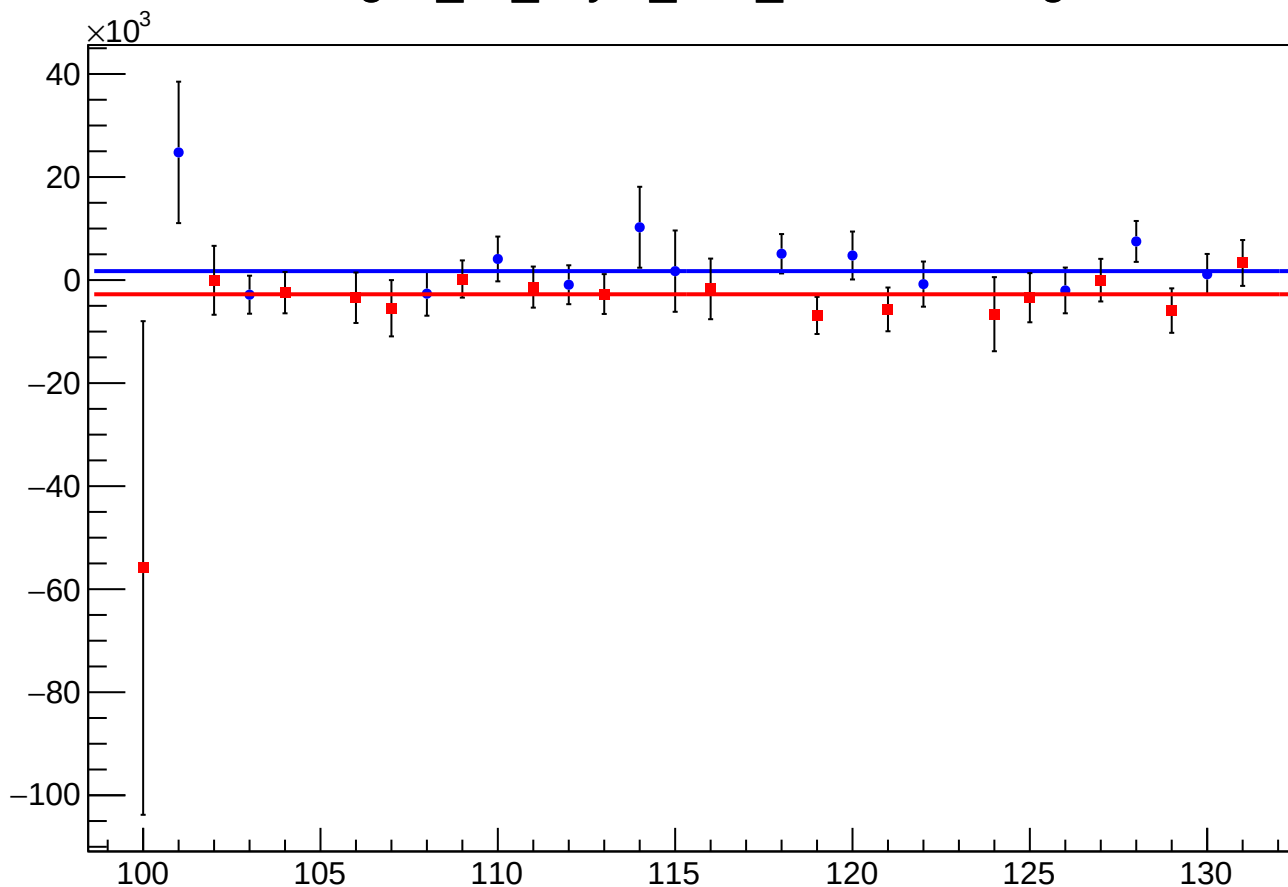
Right Out: 533.591 $\pm$ 0.159 χ^2 /NDF: 1175621.2/15

All: 546.597 $\pm$ 0.119 χ^2 /NDF: 2518836.8/28

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

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

eigen_dit_asym_atr1_mean vs Slug



Right In: 1738.129+/-1256.231 χ^2/NDF : 11.7/12

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

Right Out: -2756.272+/-1151.577 χ^2/NDF : 7.4/15

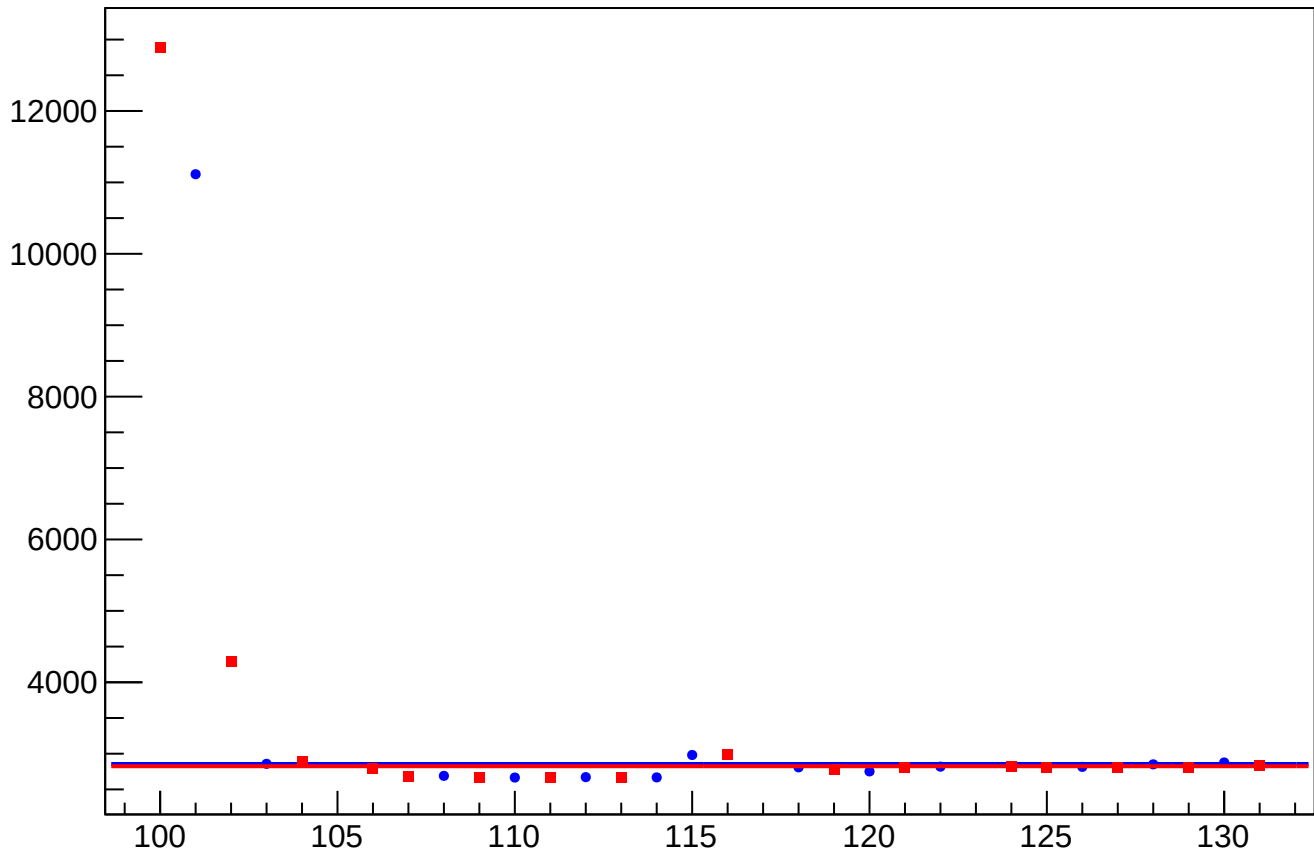
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -704.049+/-848.879 χ^2/NDF : 26.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr1_rms vs Slug



Right In: 2855.891 $\pm$ 0.888 χ^2 /NDF: 738799.5/12

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

Right Out: 2824.693 $\pm$ 0.814 χ^2 /NDF: 199327.4/15

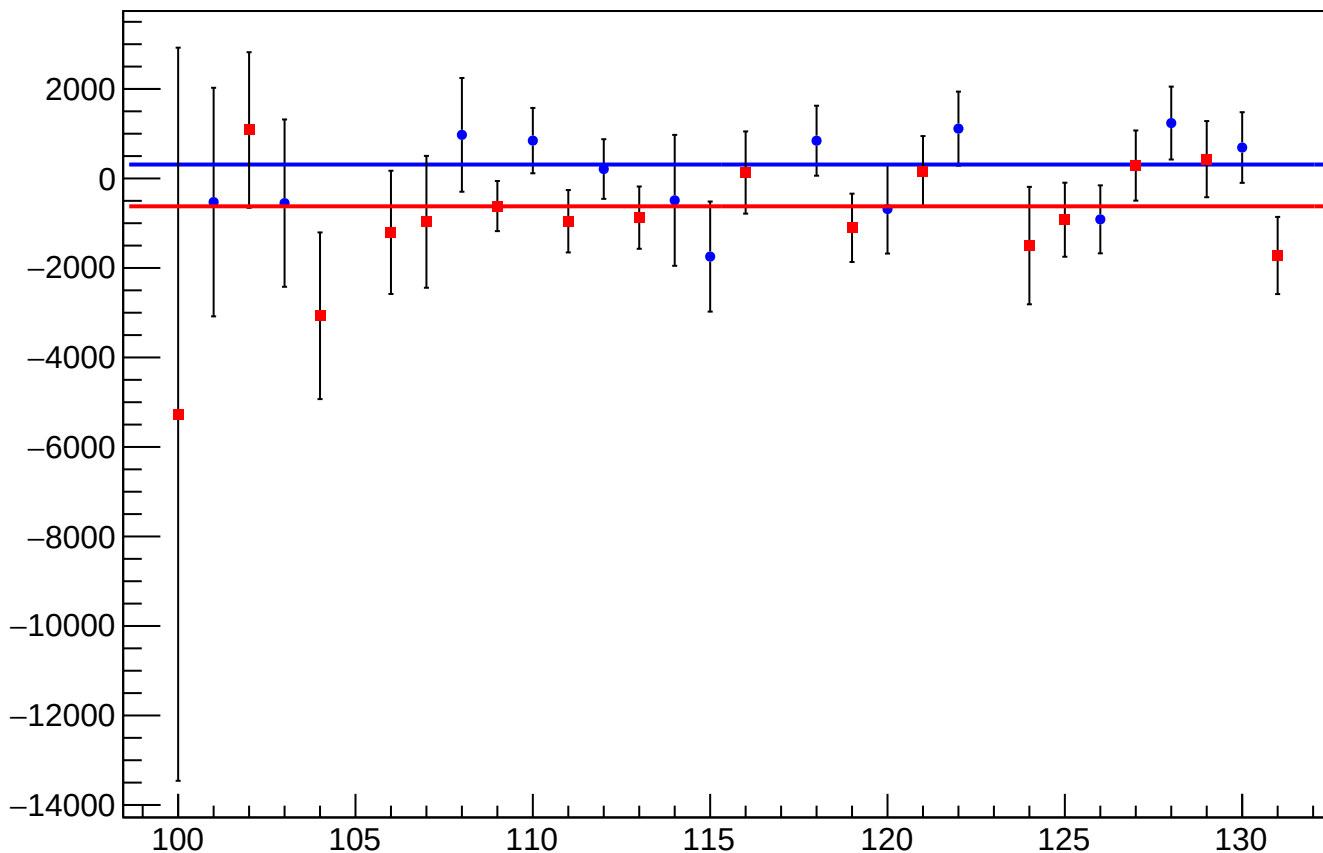
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 2838.939 $\pm$ 0.600 χ^2 /NDF: 938797.1/28

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

asym_atr1_eigen_dit_correction_mean vs Slug



Right In: 311.114 $\pm$ 255.921 χ^2 /NDF: 10.8/12

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

Right Out: -622.510 $\pm$ 224.388 χ^2 /NDF: 10.8/15

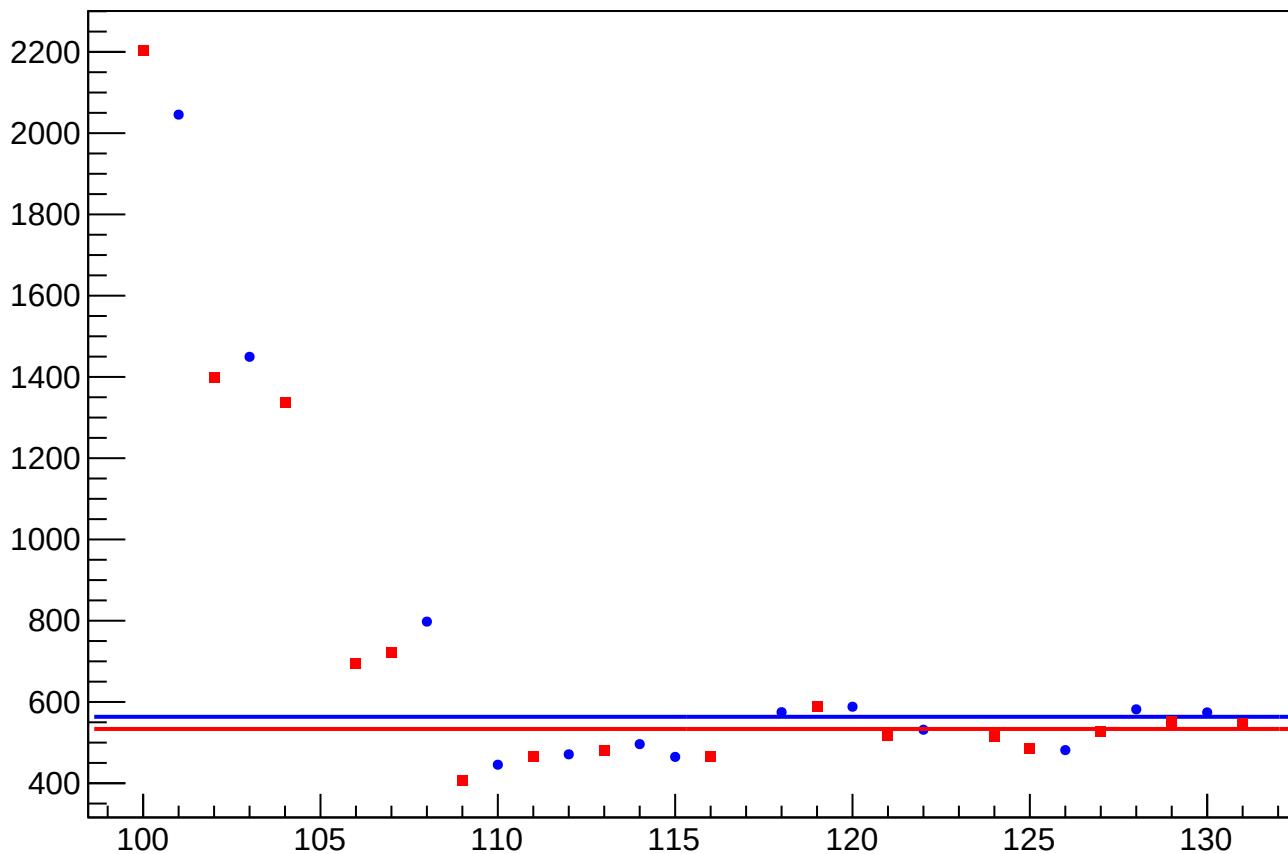
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -216.727 $\pm$ 168.720 χ^2 /NDF: 29.1/28

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

asym_atr1_eigen_dit_correction_rms vs Slug



Right In: 563.517+/-0.181 χ^2/NDF : 1327748.4/12

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

Right Out: 533.591+/-0.159 χ^2/NDF : 1175617.0/15

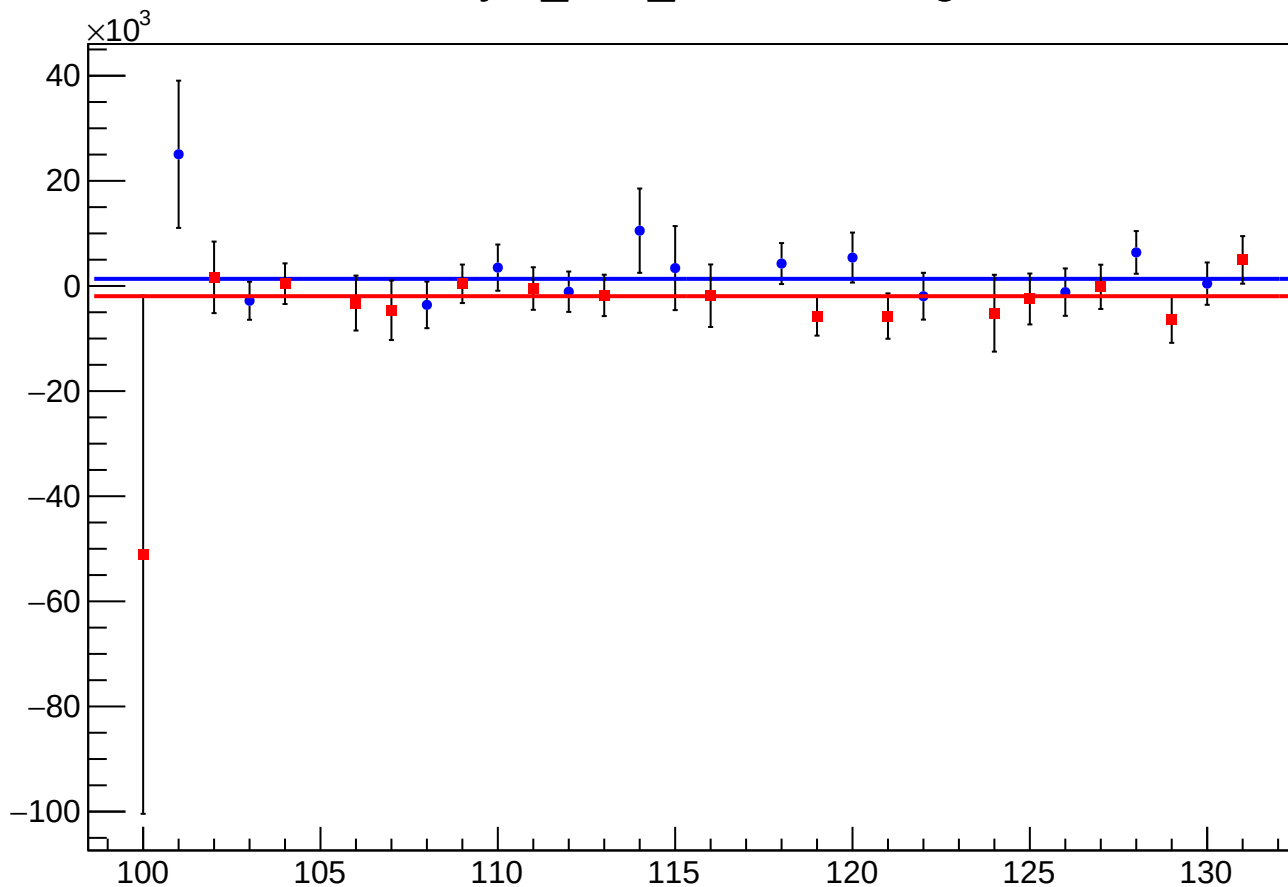
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 546.597+/-0.119 χ^2/NDF : 2518826.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_mean vs Slug



Right In: 1356.016 $\pm$ 1275.491 χ^2 /NDF: 11.2/12

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

Right Out: -1942.485 $\pm$ 1169.943 χ^2 /NDF: 8.1/15

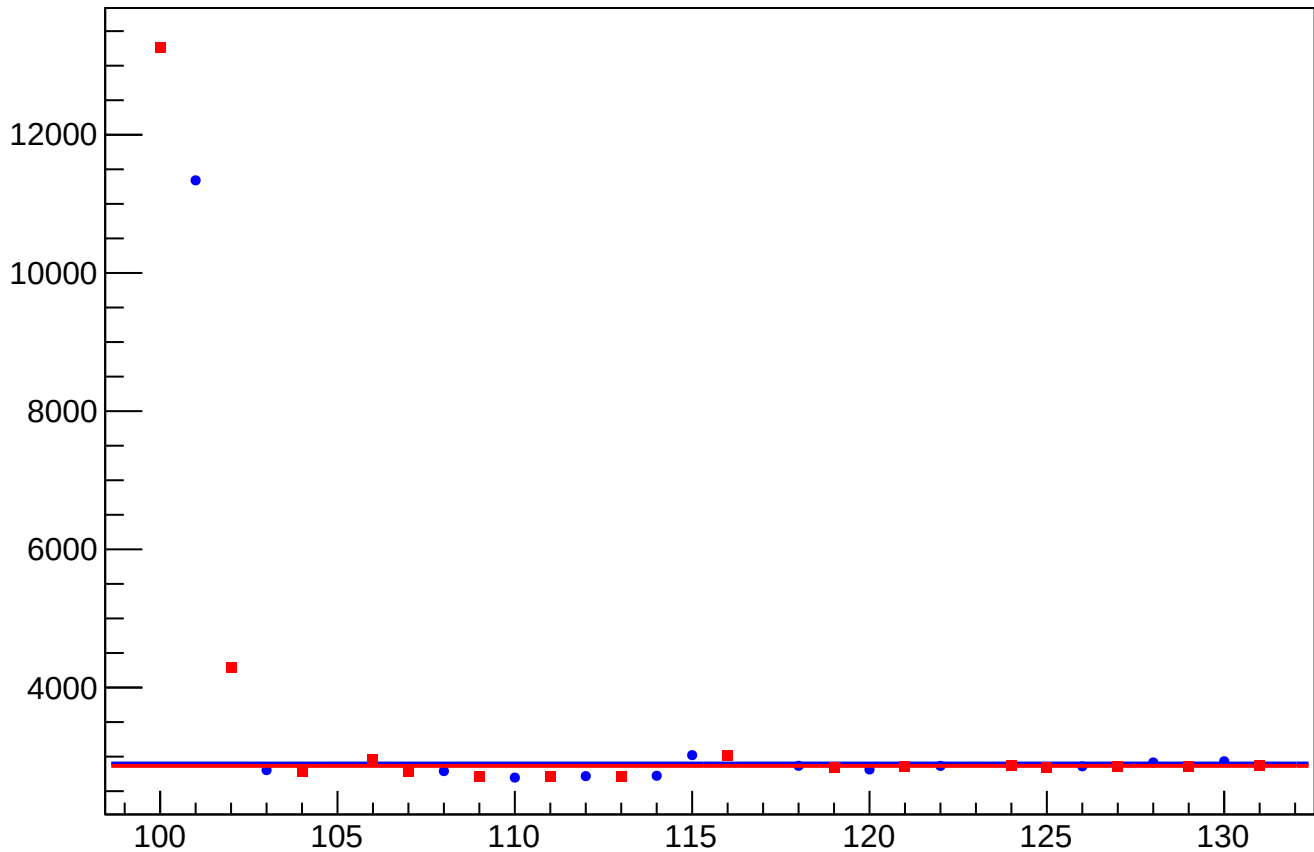
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -435.337 $\pm$ 862.178 χ^2 /NDF: 22.9/28

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

asym_atr1_rms vs Slug



Right In: 2899.604 $\pm$ 0.902 χ^2 /NDF: 740504.4/12

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

Right Out: 2866.367 $\pm$ 0.827 χ^2 /NDF: 190249.3/15

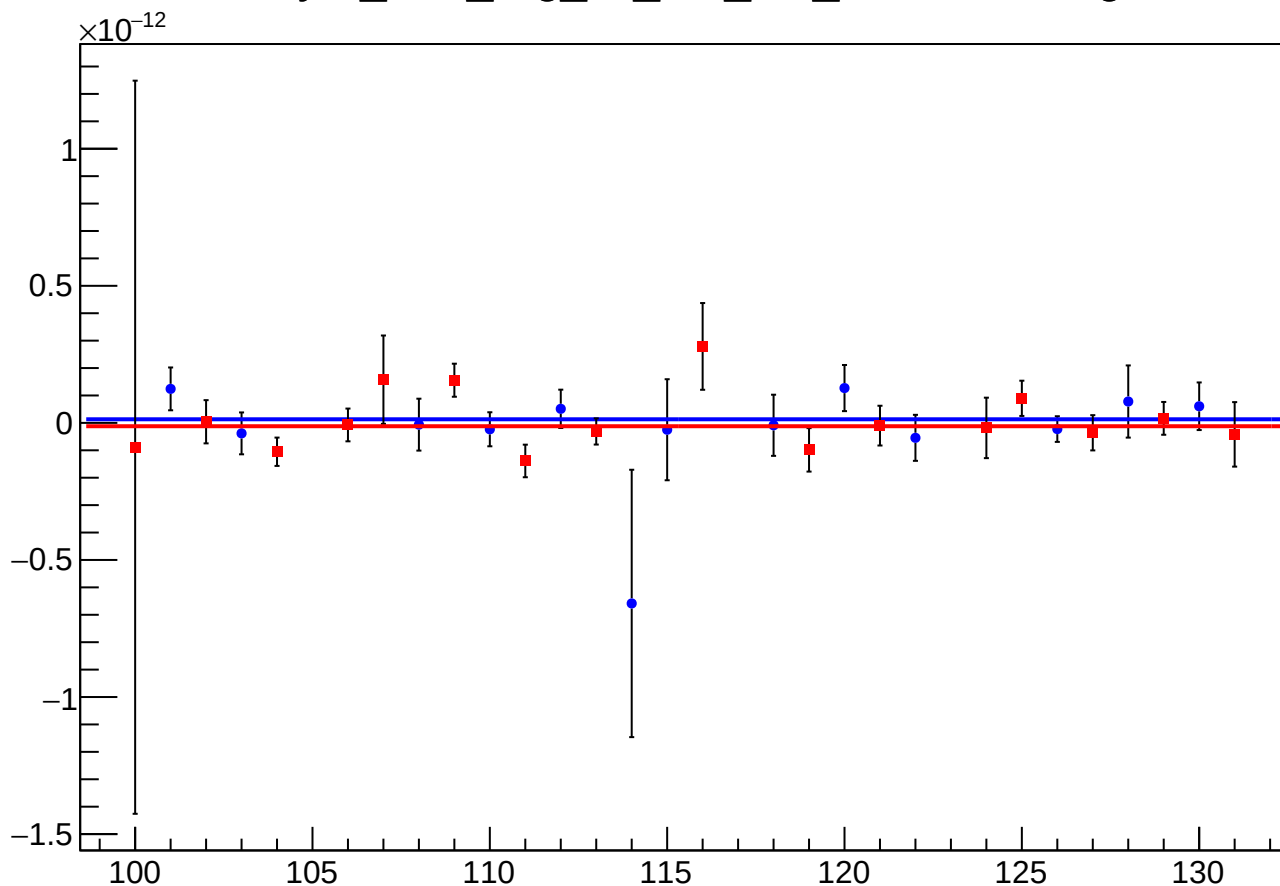
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 2881.553 $\pm$ 0.610 χ^2 /NDF: 931491.2/28

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

asym_atr1_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.7/12

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 24.4/15

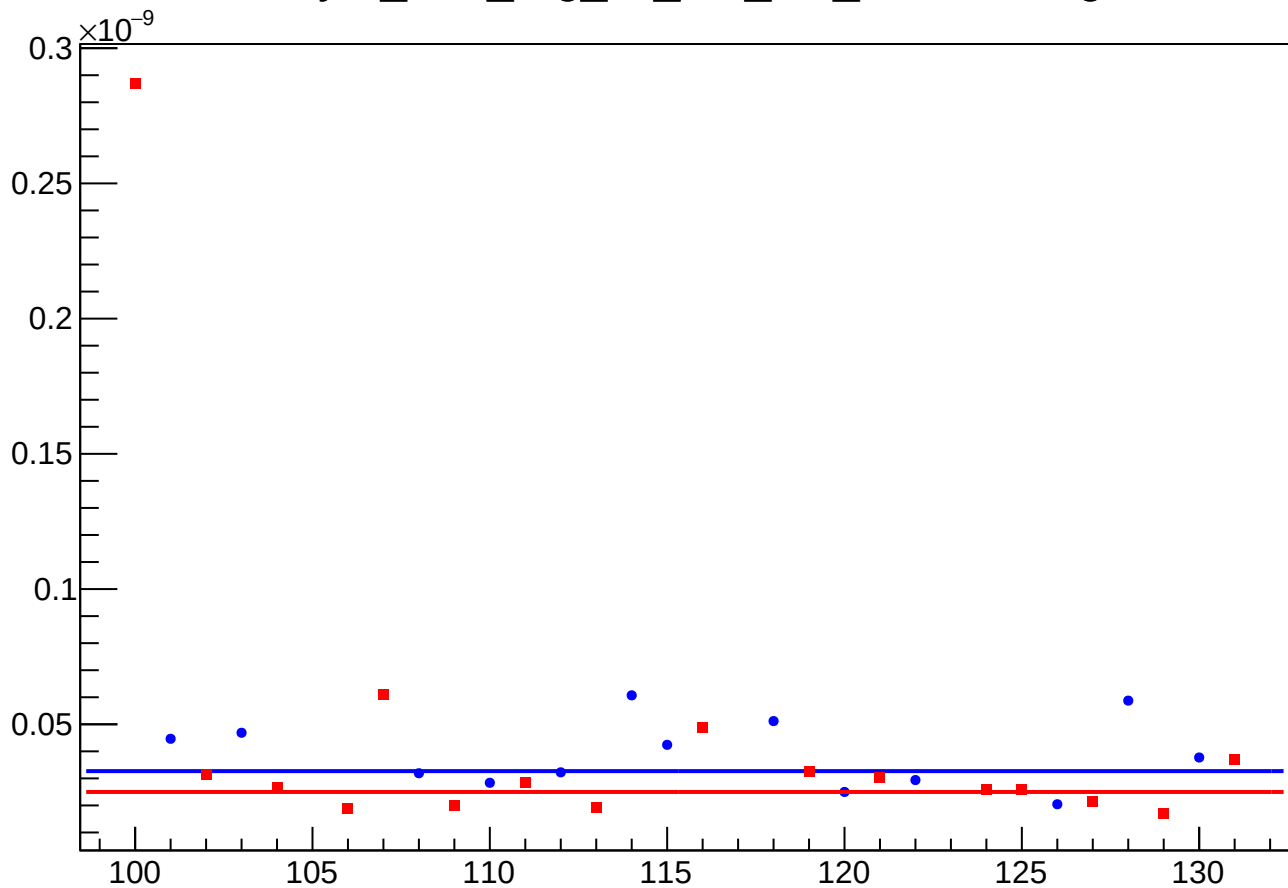
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 33.9/28

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

asym_atr1_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 434935.3/12

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

Right Out: 0.000+/-0.000 χ^2/NDF : 401722.5/15

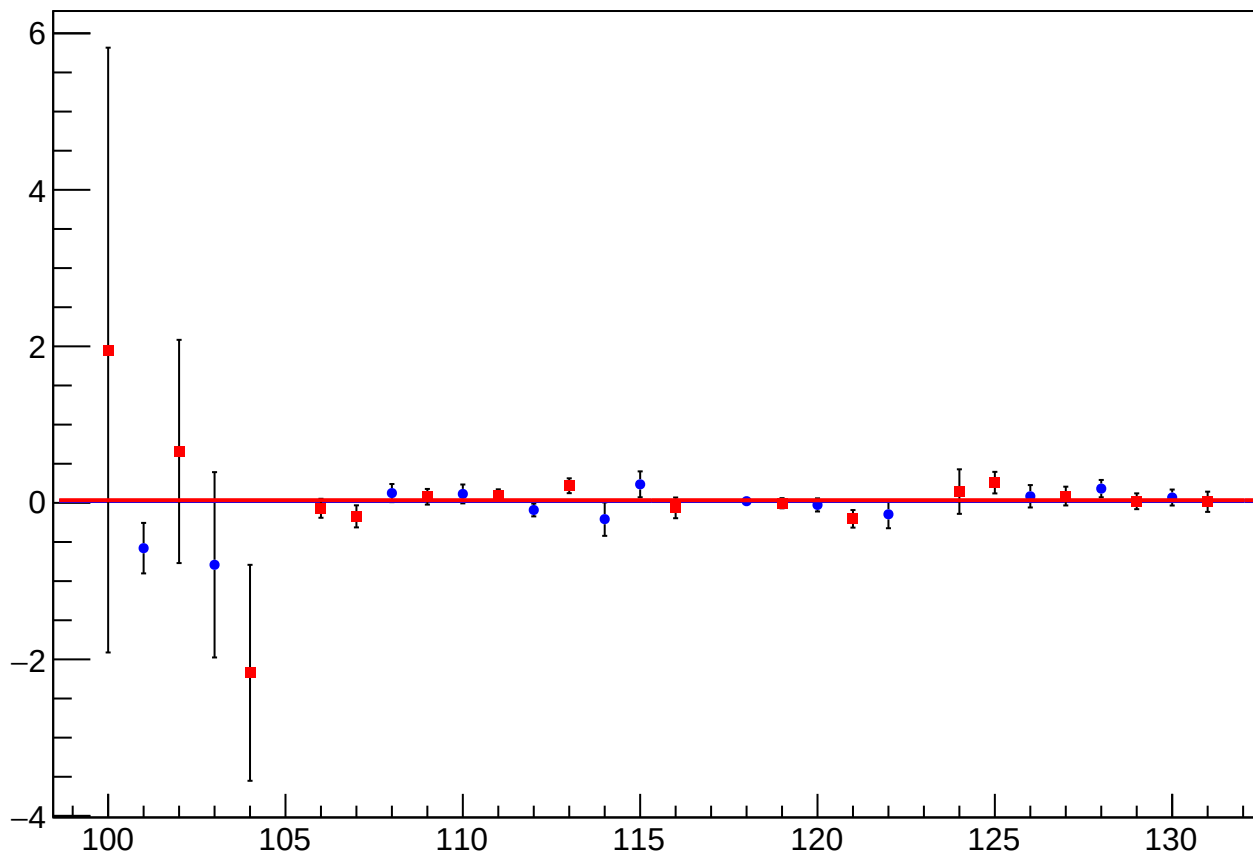
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 980175.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_dit_vs_cor_diff_mean vs Slug



Right In: 0.024+/-0.030 χ^2/NDF : 13.7/12

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

Right Out: 0.034+/-0.029 χ^2/NDF : 19.1/15

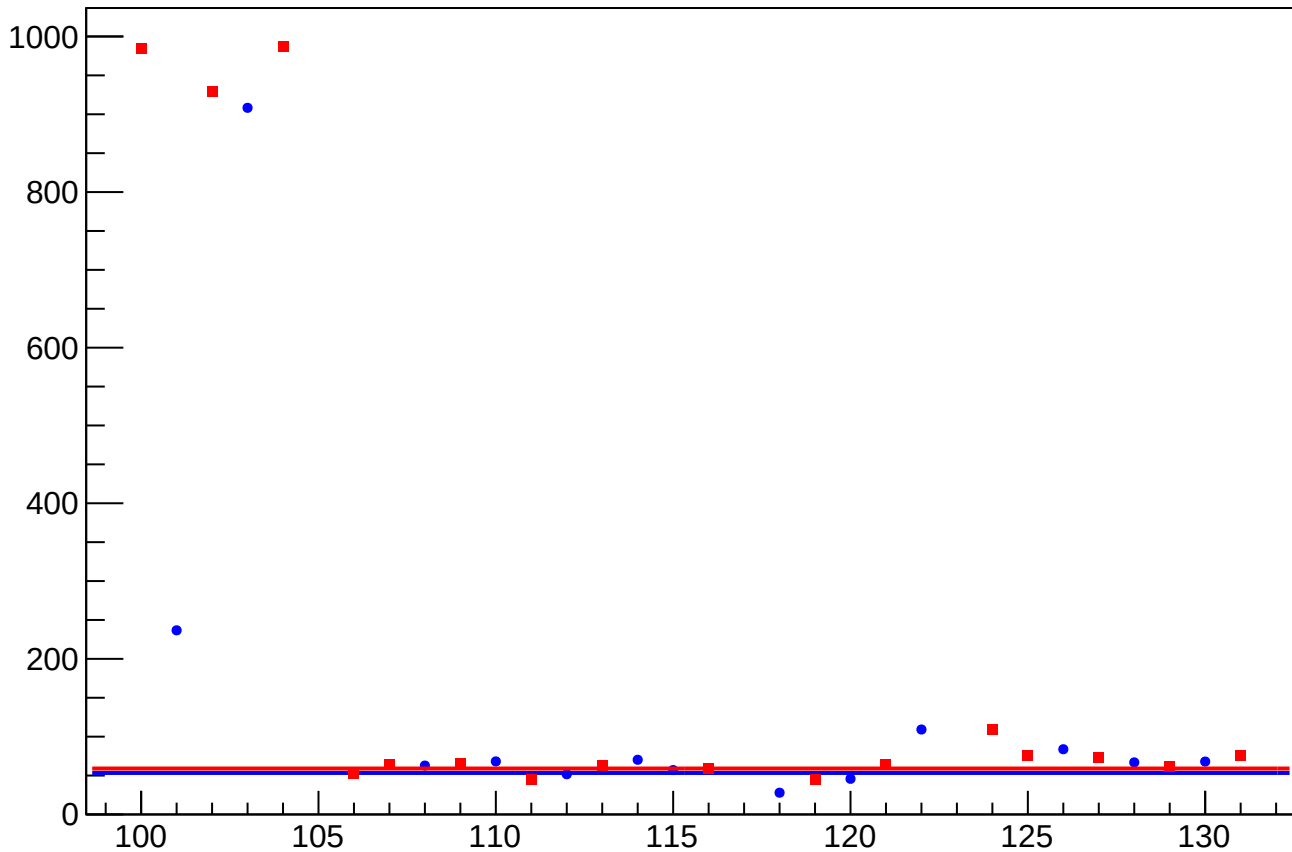
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.021 χ^2/NDF : 32.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_dit_vs_cor_diff_rms vs Slug



Right In: 53.336 $\pm$ 0.021 χ^2 /NDF: 2581360.8/12

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

Right Out: 59.042 $\pm$ 0.021 χ^2 /NDF: 2123926.0/15

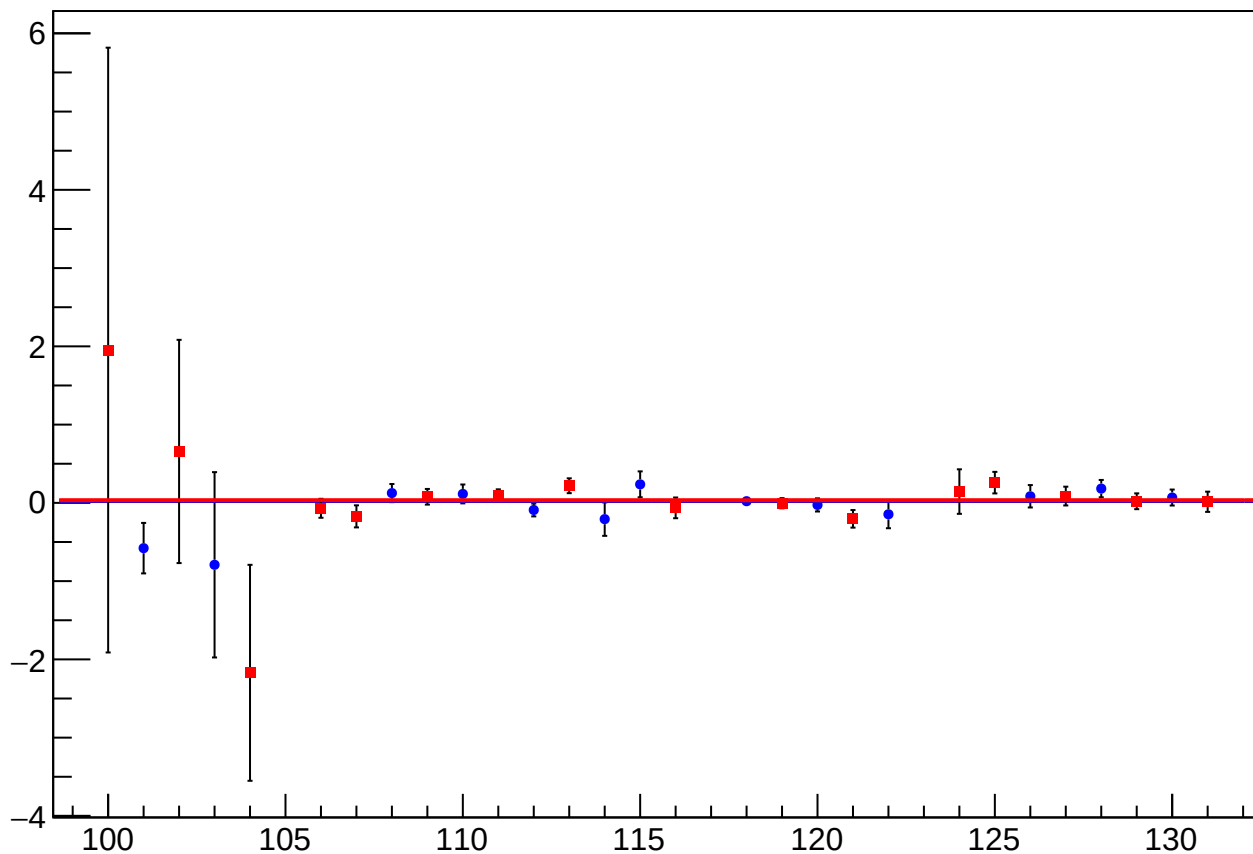
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 56.273 $\pm$ 0.015 χ^2 /NDF: 4742726.8/28

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

asym_atr1_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.024+/-0.030 χ^2/NDF : 13.7/12

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

Right Out: 0.034+/-0.029 χ^2/NDF : 19.1/15

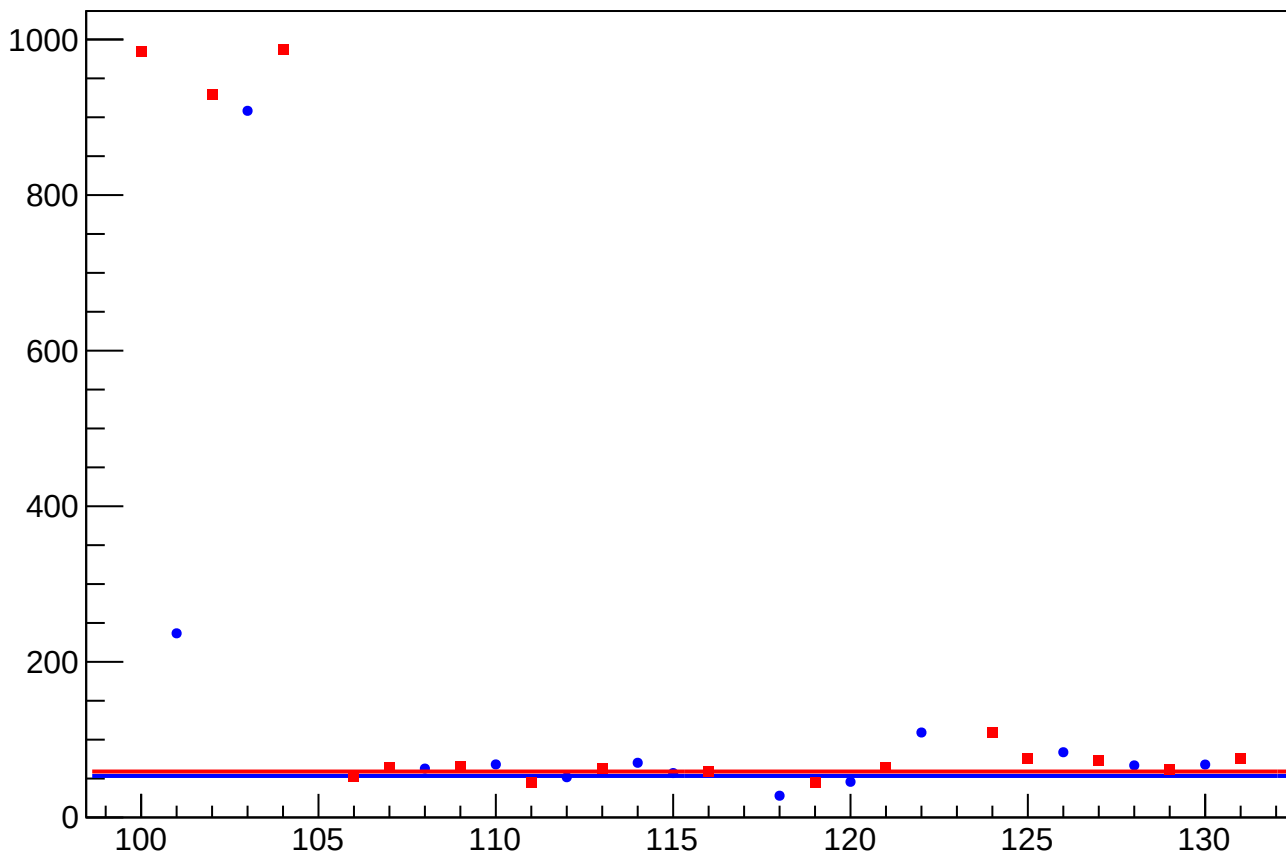
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.021 χ^2/NDF : 32.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 53.336+/-0.021 χ^2/NDF : 2581360.8/12

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

Right Out: 59.042+/-0.021 χ^2/NDF : 2123926.0/15

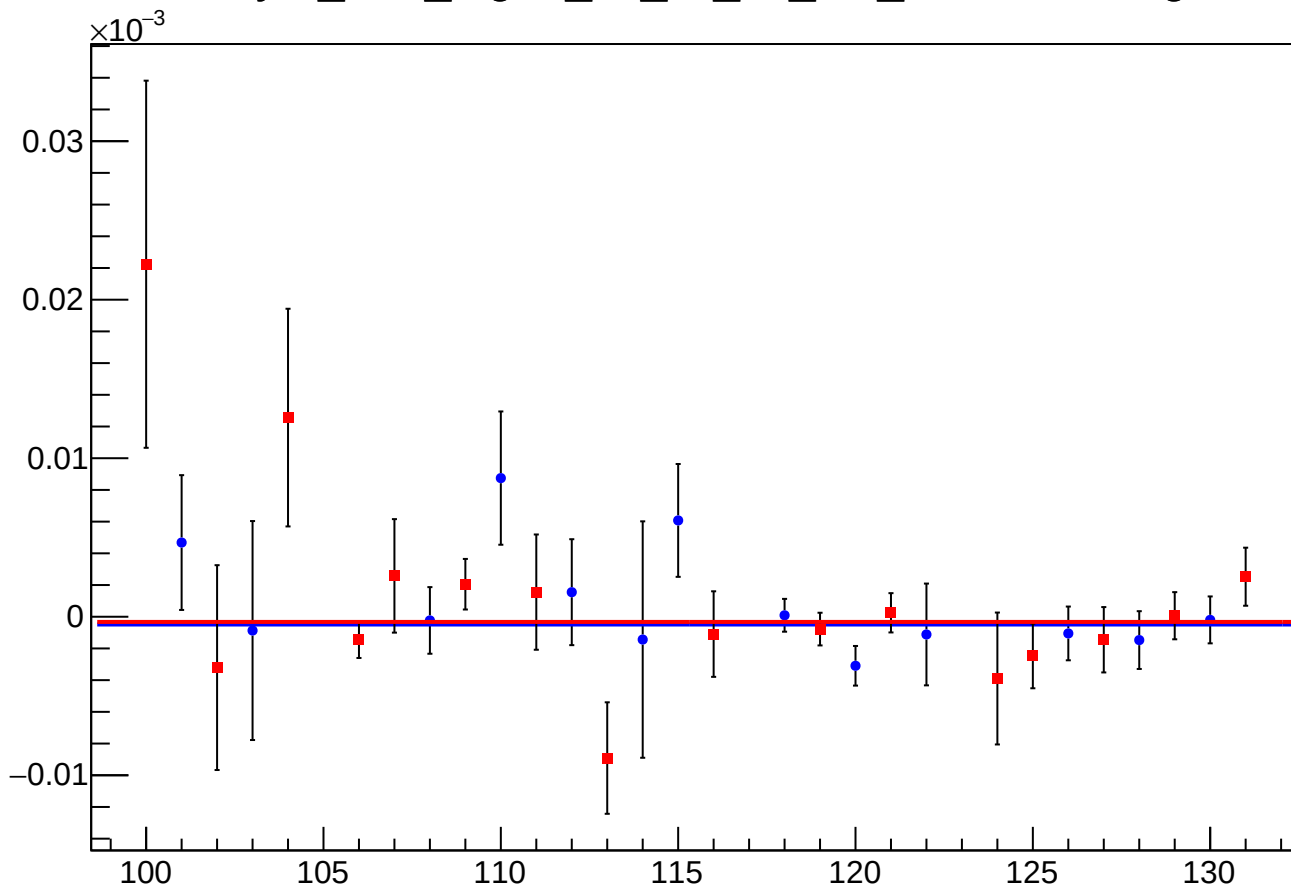
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.273+/-0.015 χ^2/NDF : 4742726.8/28

- sign 0.000+/-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 : 15.2/12

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

Right Out: -0.000+/-0.000 χ^2/NDF : 22.7/15

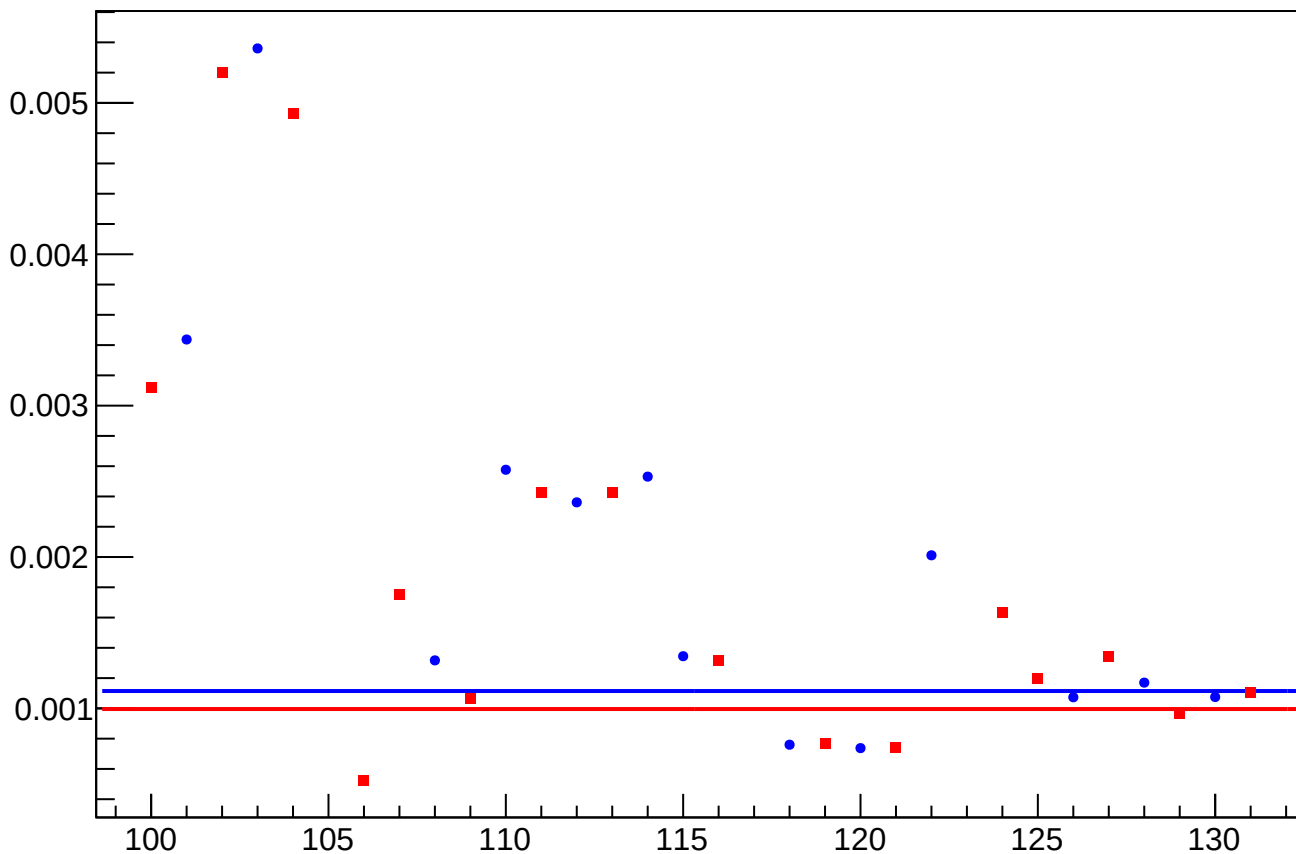
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 38.0/28

- 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 : 2549104.2/12

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

Right Out: 0.001+/-0.000 χ^2/NDF : 2987543.5/15

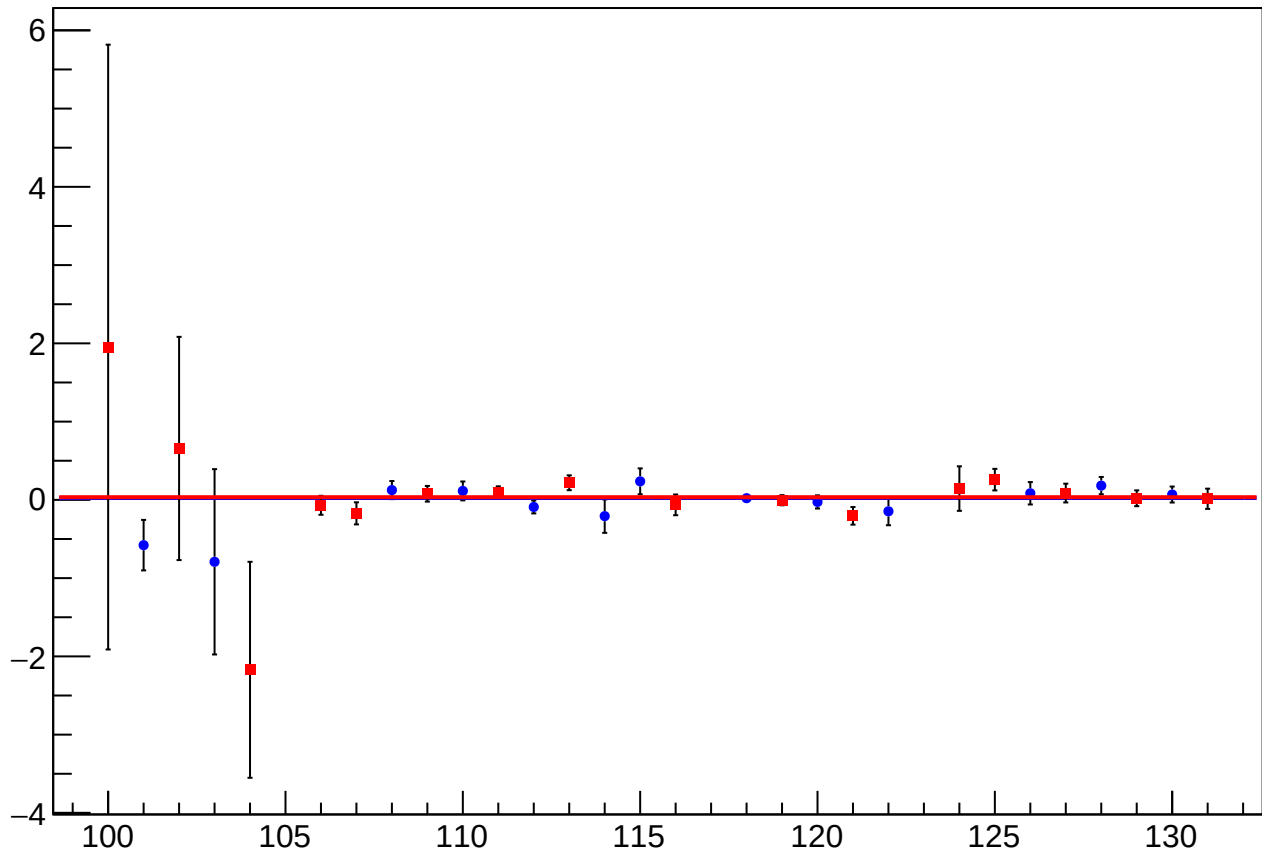
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5590550.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.024+/-0.030 χ^2/NDF : 13.7/12

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

Right Out: 0.034+/-0.029 χ^2/NDF : 19.1/15

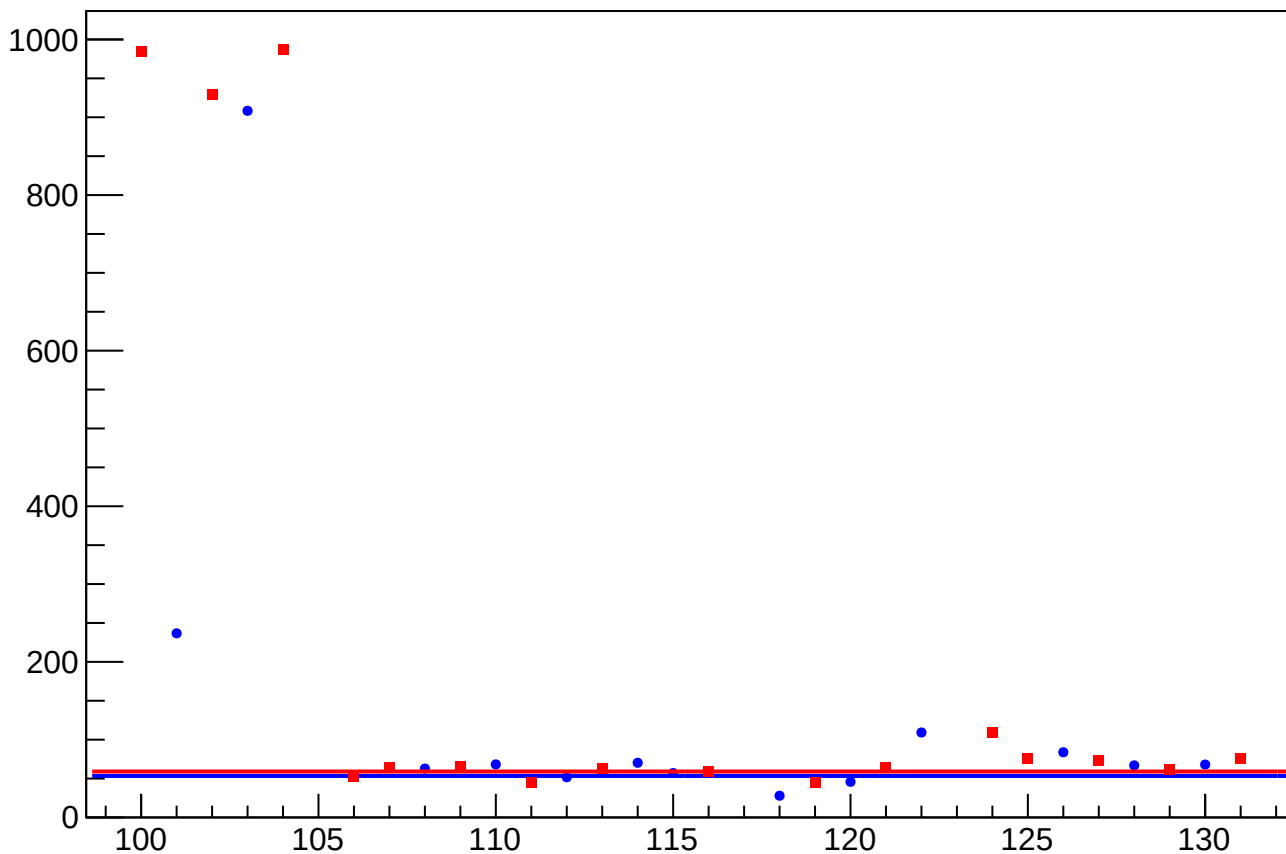
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.021 χ^2/NDF : 32.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 53.336+/-0.021 χ^2/NDF : 2581425.9/12

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

Right Out: 59.042+/-0.021 χ^2/NDF : 2123920.6/15

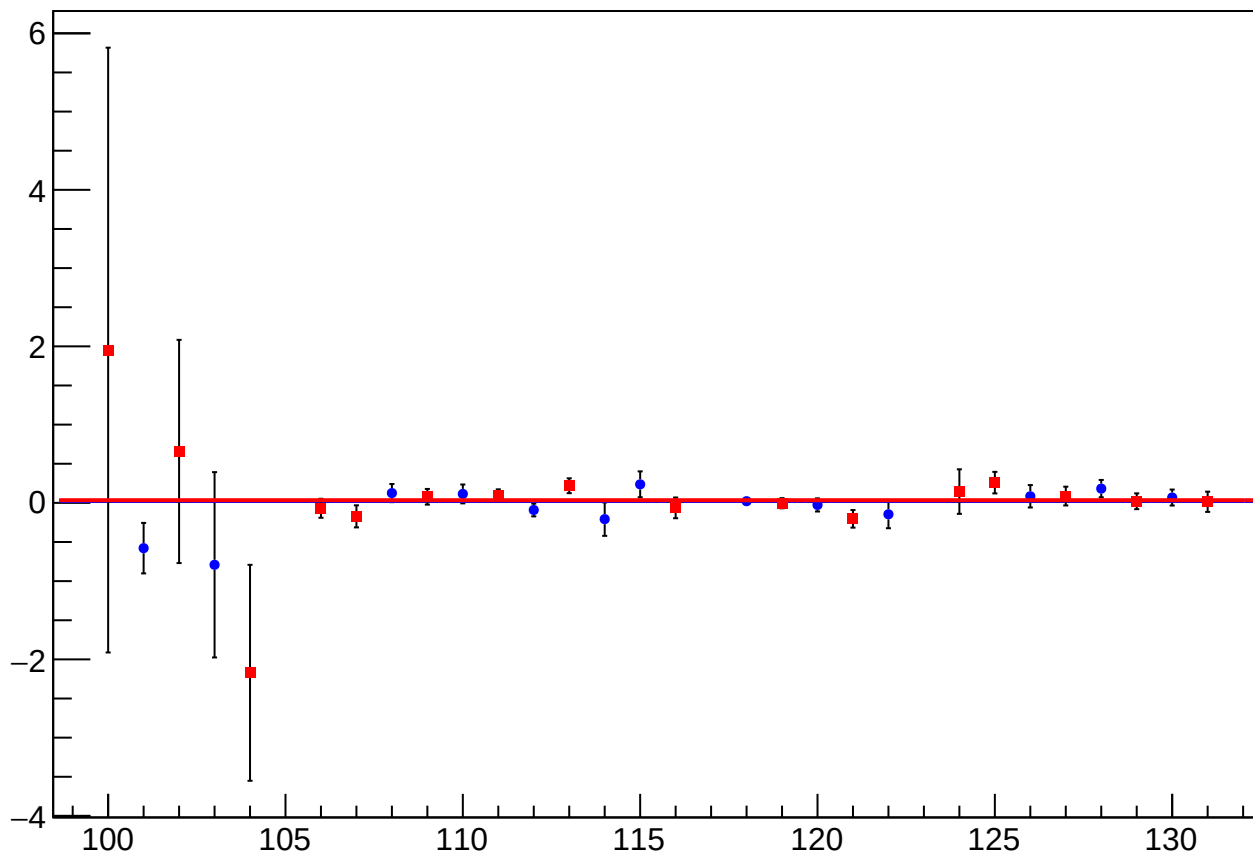
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.273+/-0.015 χ^2/NDF : 4742795.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.024 $\pm$ 0.030 χ^2 /NDF: 13.7/12

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

Right Out: 0.034 $\pm$ 0.029 χ^2 /NDF: 19.1/15

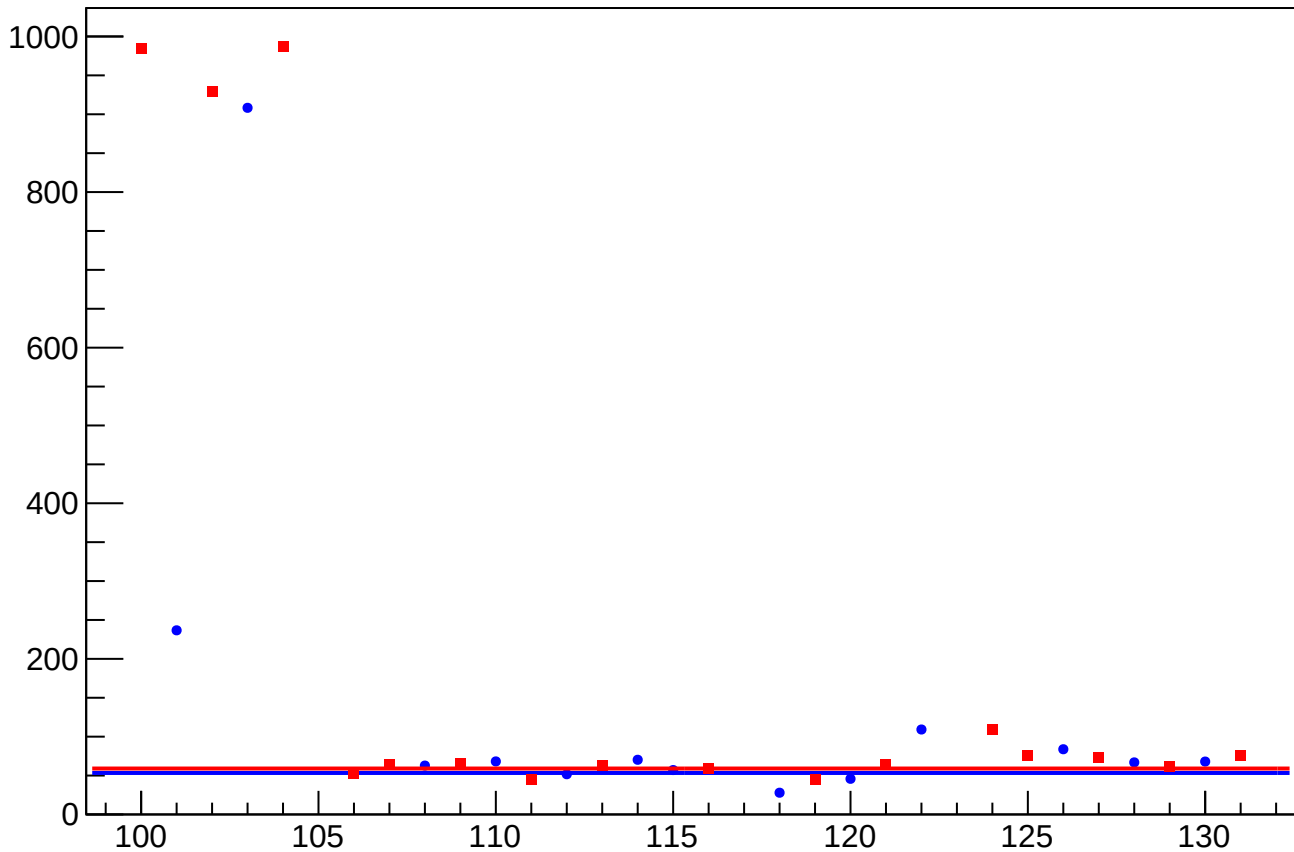
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.029 $\pm$ 0.021 χ^2 /NDF: 32.9/28

- 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: 53.336 $\pm$ 0.021 χ^2 /NDF: 2581425.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 59.042 $\pm$ 0.021 χ^2 /NDF: 2123920.6/15

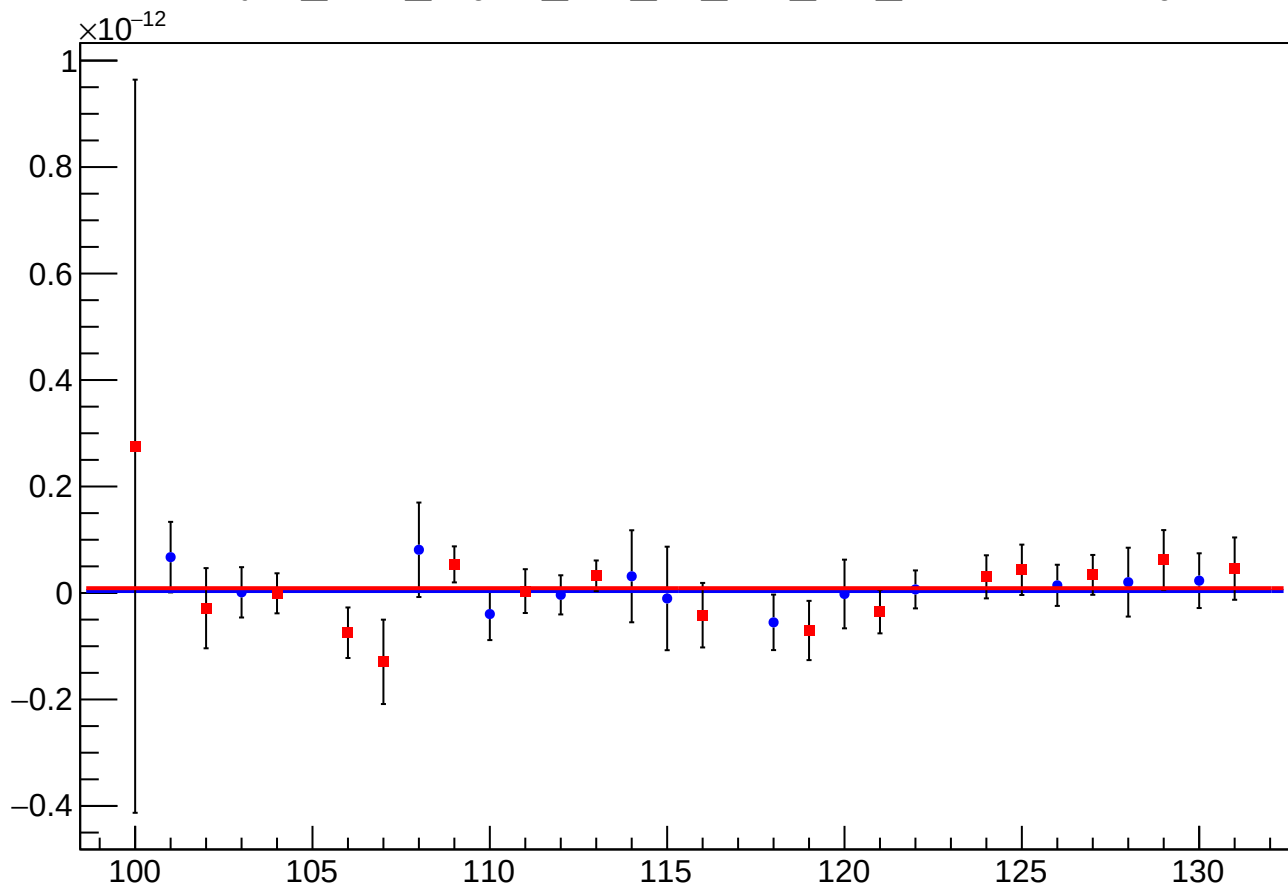
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 56.273 $\pm$ 0.015 χ^2 /NDF: 4742795.4/28

- sign 0.000 $\pm$ 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 : 4.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.5/15

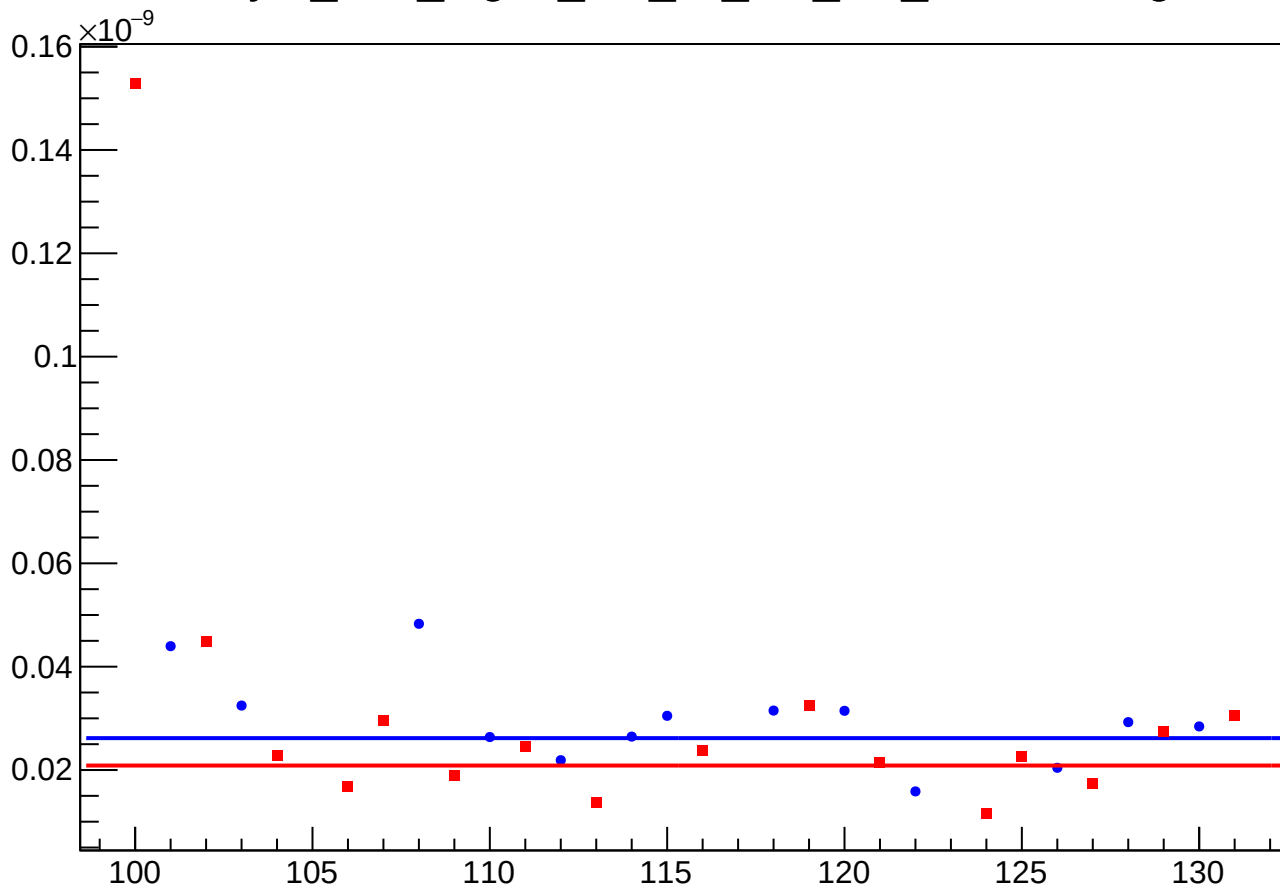
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.8/28

- 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+/-0.000 χ^2/NDF : 589287.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 765427.3/15

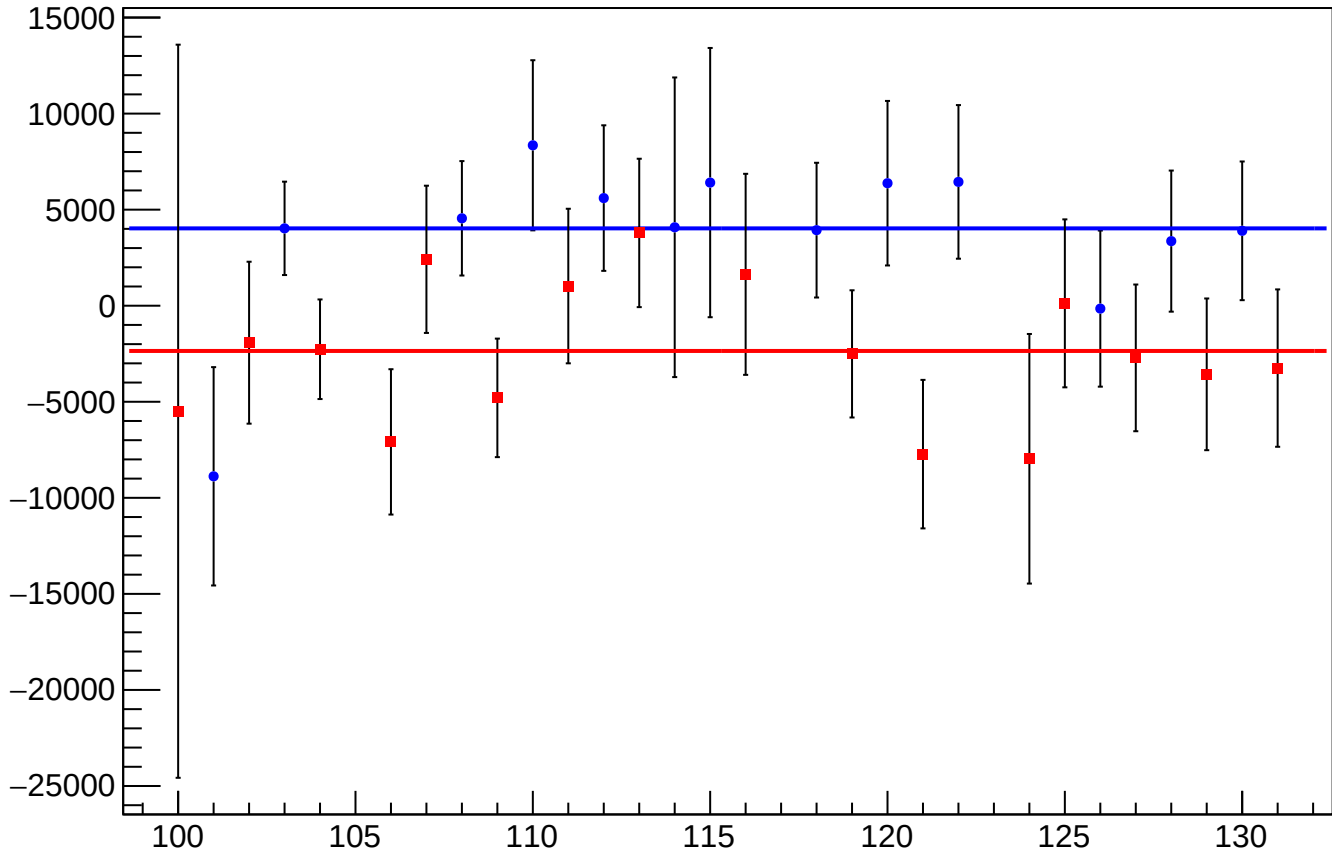
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1523064.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_mean vs Slug



Right In: 4025.376 $\pm$ 1065.768 χ^2 /NDF: 8.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2355.147 $\pm$ 979.247 χ^2 /NDF: 10.7/15

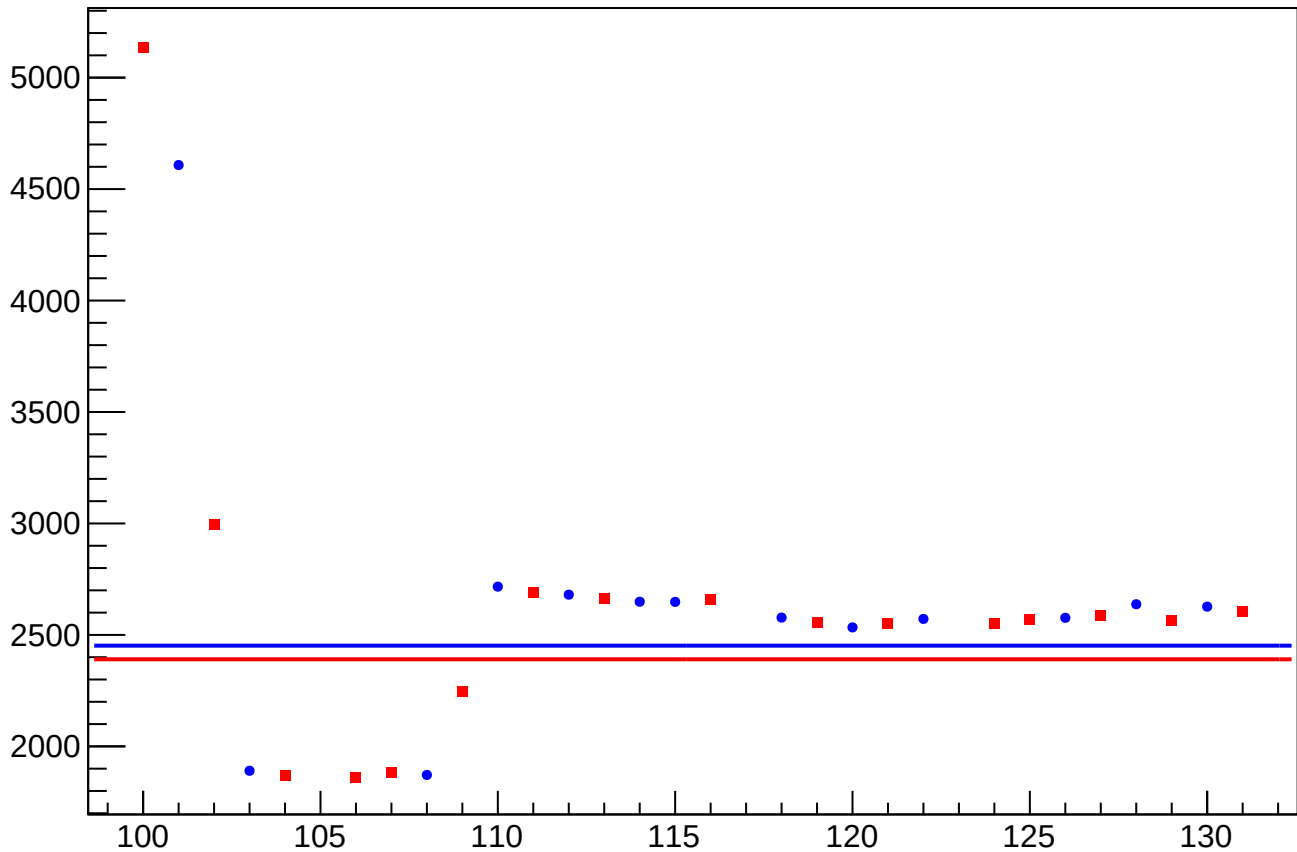
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 565.648 $\pm$ 721.083 χ^2 /NDF: 38.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr2_rms vs Slug



Right In: 2451.841+/-0.754 χ^2/NDF : 504527.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2390.680+/-0.692 χ^2/NDF : 297076.8/15

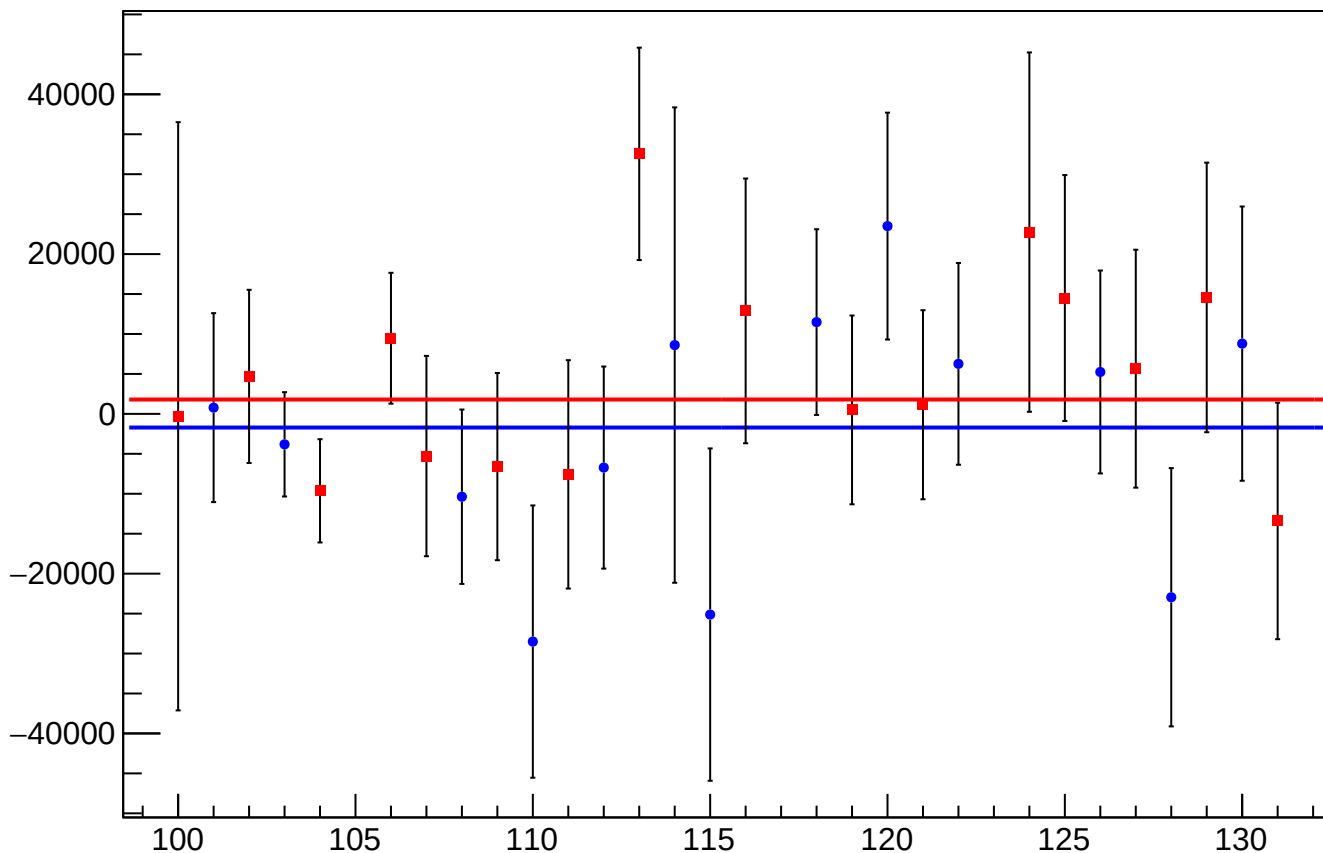
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2418.677+/-0.510 χ^2/NDF : 805175.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_reg_correction_mean vs Slug



Right In: -1710.339+/-3446.045 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1798.037+/-3028.242 χ^2/NDF : 14.4/15

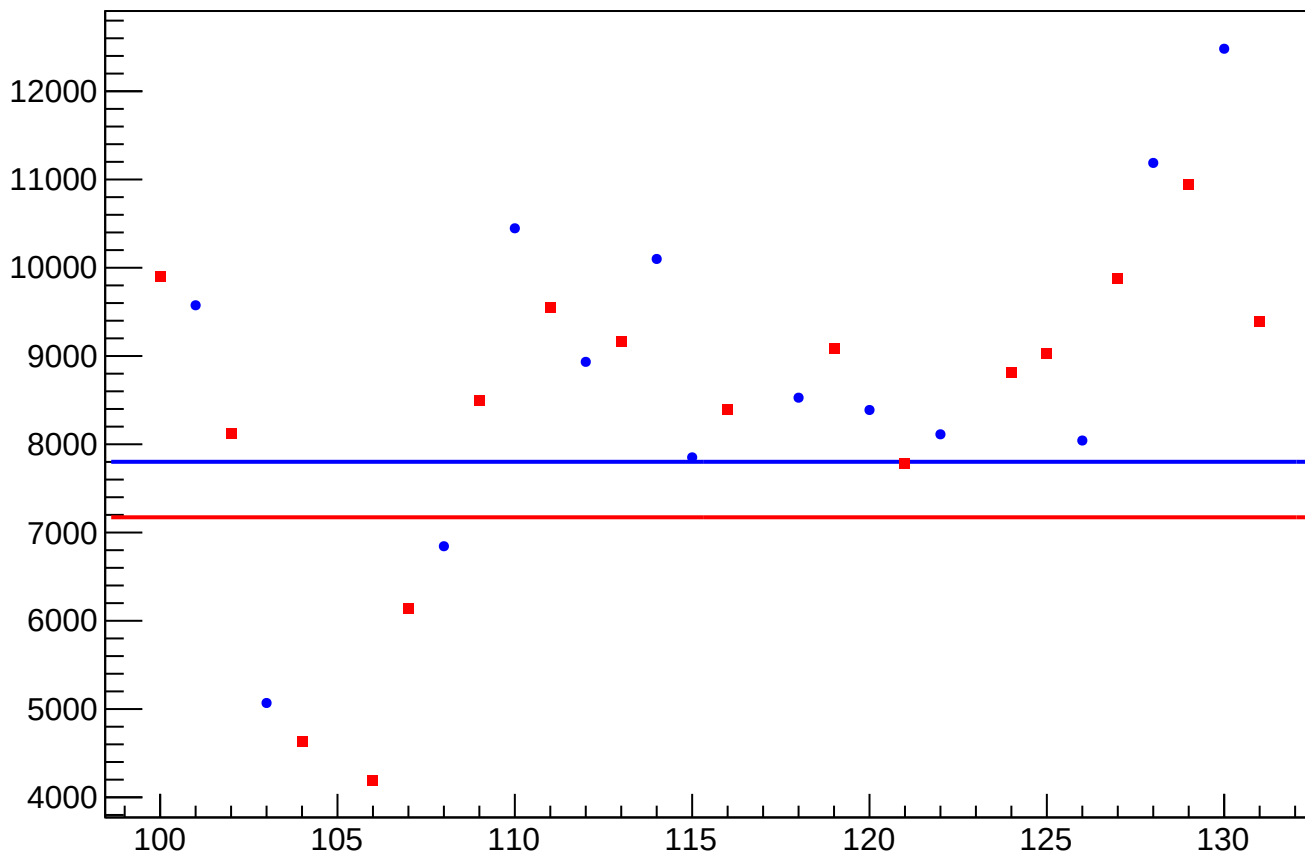
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 269.315+/-2274.742 χ^2/NDF : 27.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_reg_correction_rms vs Slug



Right In: 7801.450+/-2.437 χ^2/NDF : 736666.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

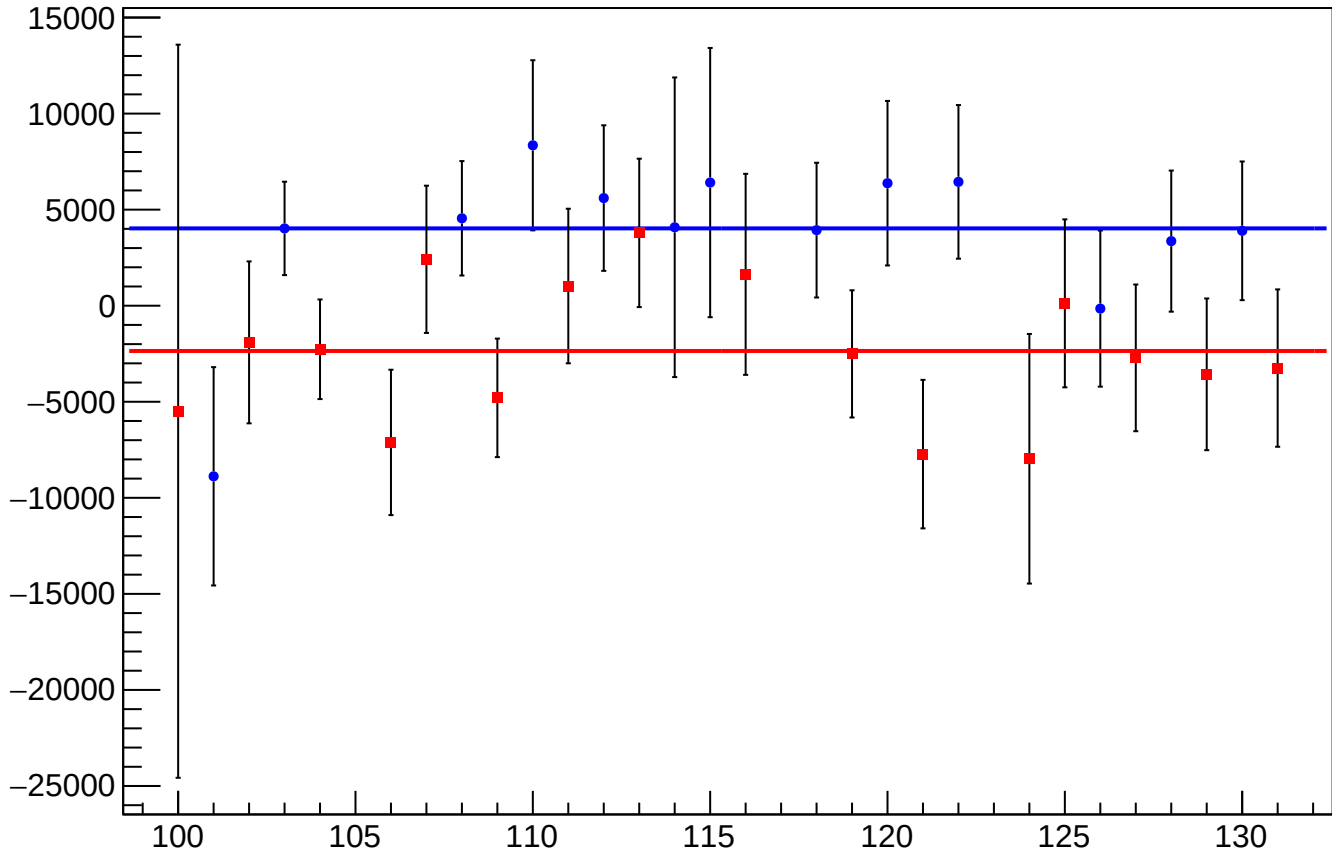
Right Out: 7172.711+/-2.141 χ^2/NDF : 1058531.0/15

All: 7446.675+/-1.608 χ^2/NDF : 1832764.7/28

- 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: 4024.748 $\pm$ 1065.768 χ^2 /NDF: 8.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2355.966 $\pm$ 979.256 χ^2 /NDF: 10.8/15

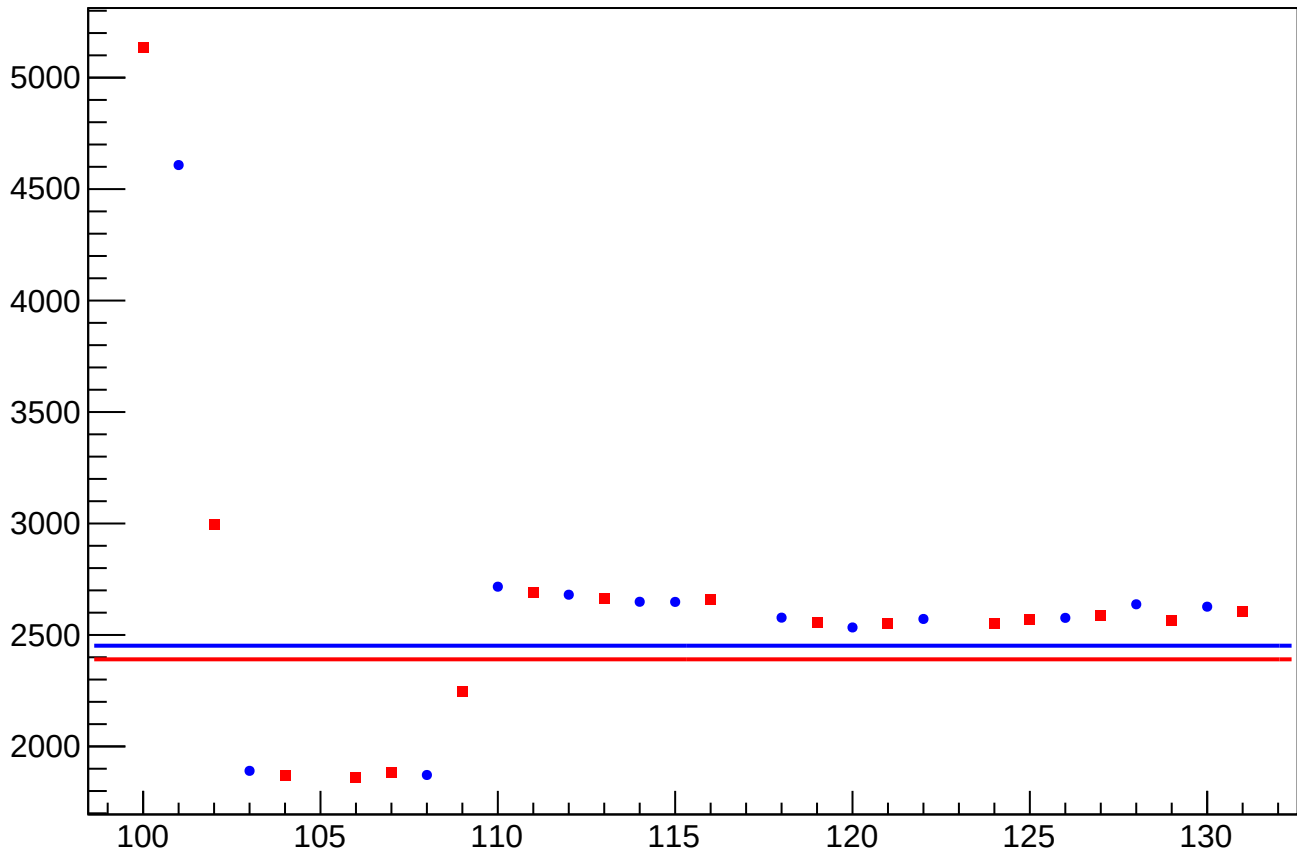
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 564.944 $\pm$ 721.086 χ^2 /NDF: 38.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atr2_rms vs Slug



Right In: 2451.842 $\pm$ 0.754 χ^2 /NDF: 504525.7/12

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

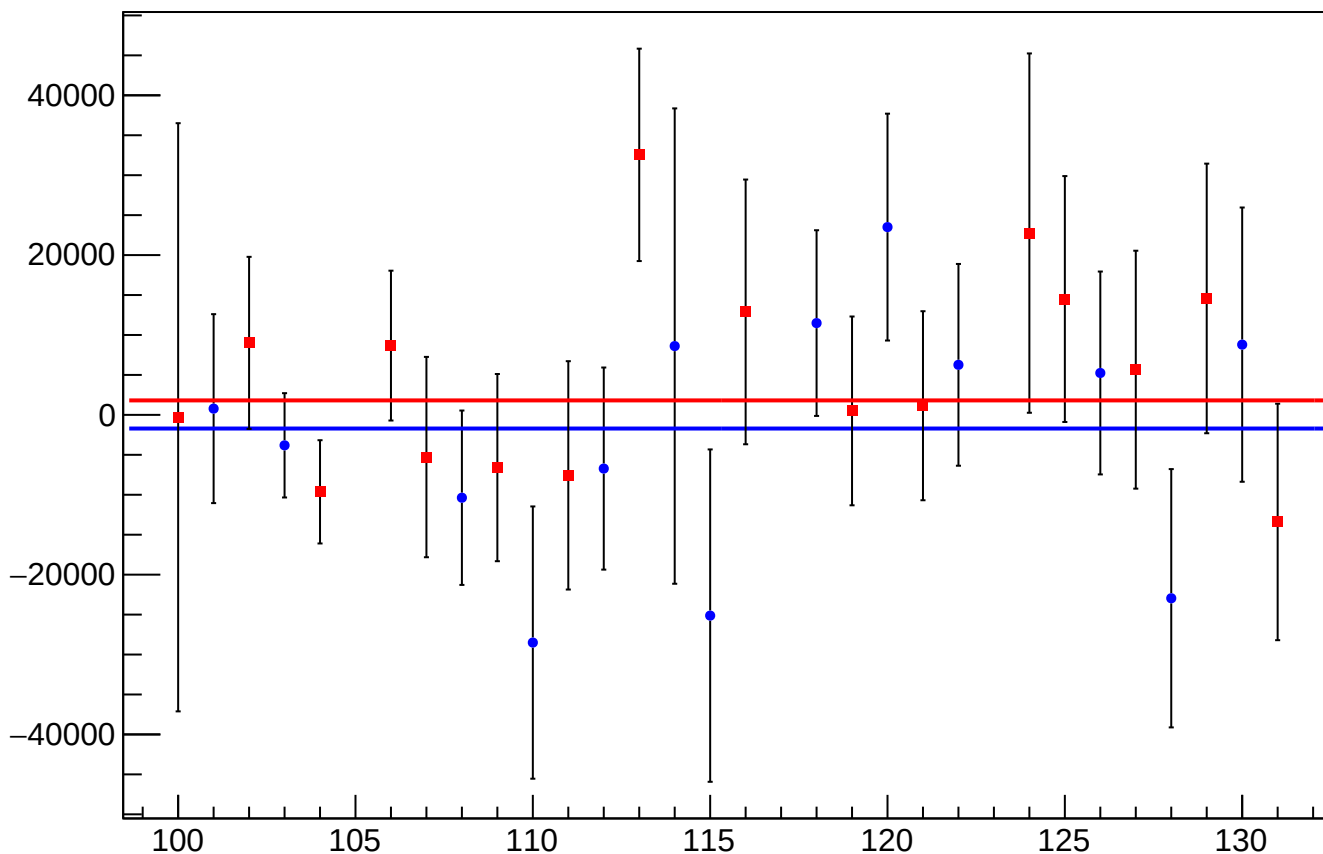
Right Out: 2390.706 $\pm$ 0.692 χ^2 /NDF: 297029.0/15

All: 2418.693 $\pm$ 0.510 χ^2 /NDF: 805123.2/28

- 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_cor_correction_mean vs Slug



Right In: -1709.978 ± 3446.170 χ^2/NDF : 12.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1810.848 ± 3077.088 χ^2/NDF : 14.4/15

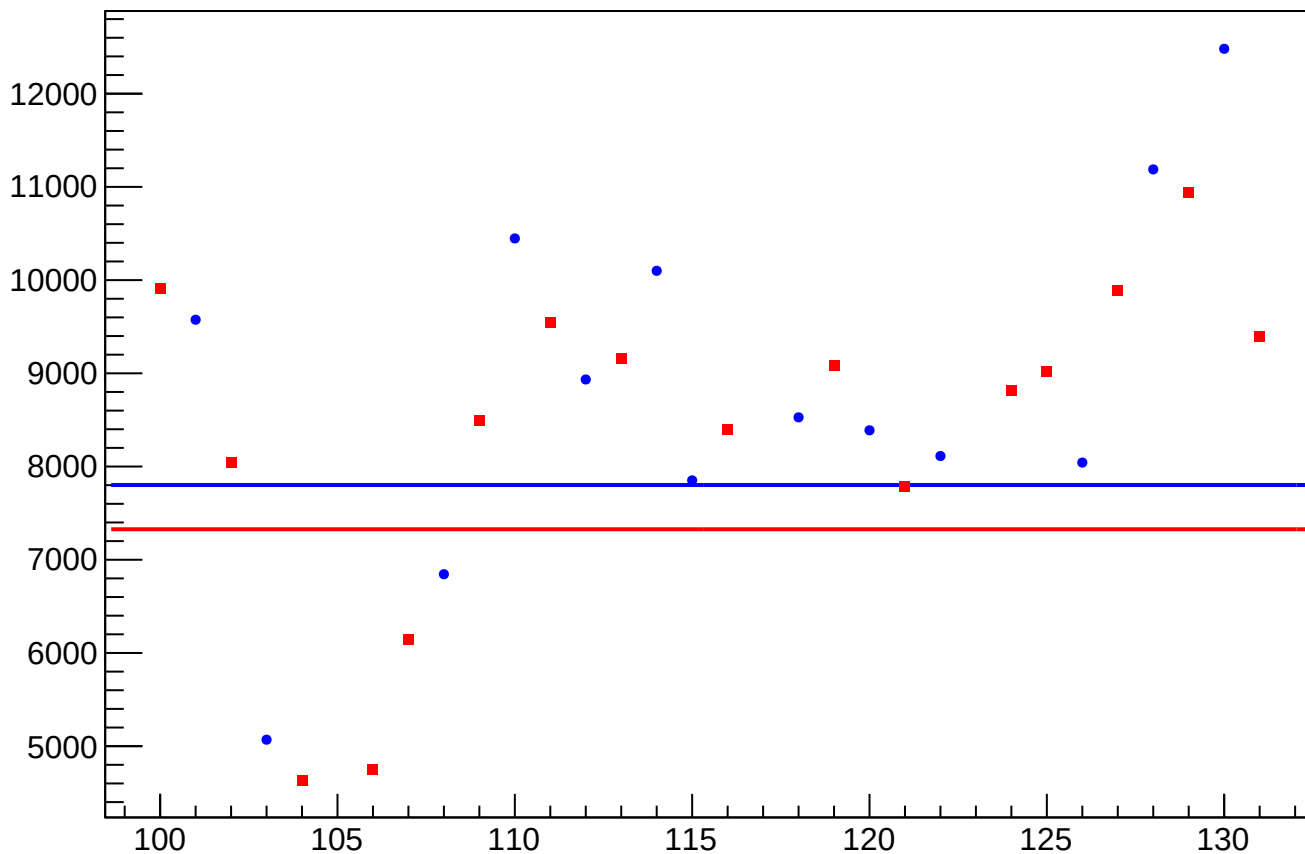
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 249.005 ± 2295.266 χ^2/NDF : 27.1/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr2_cor_correction_rms vs Slug



Right In: 7801.848+/-2.437 χ^2/NDF : 736391.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7327.126+/-2.176 χ^2/NDF : 920332.3/15

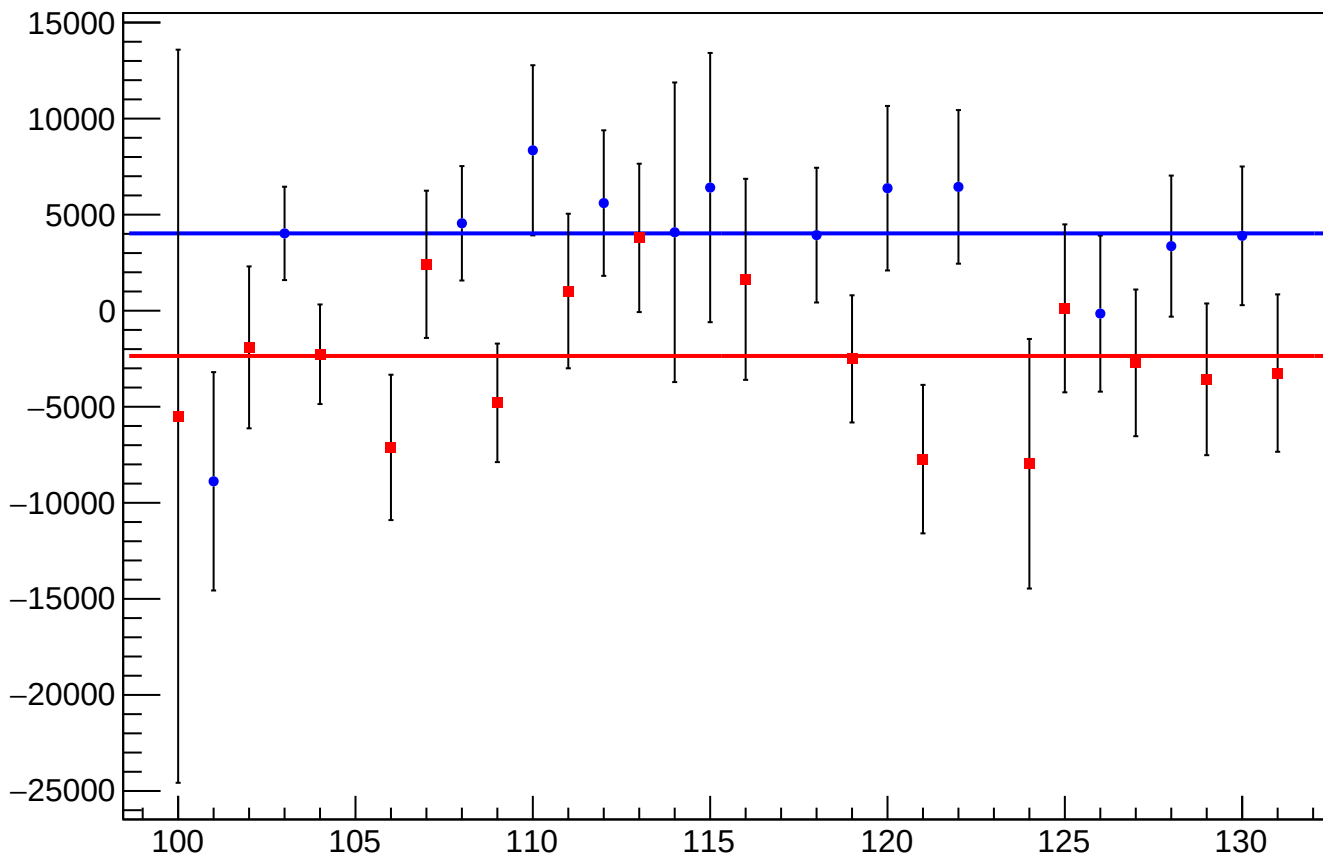
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7537.714+/-1.623 χ^2/NDF : 1677839.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr2_mean vs Slug



Right In: 4024.748 $\pm$ 1065.768 χ^2 /NDF: 8.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2355.966 $\pm$ 979.256 χ^2 /NDF: 10.8/15

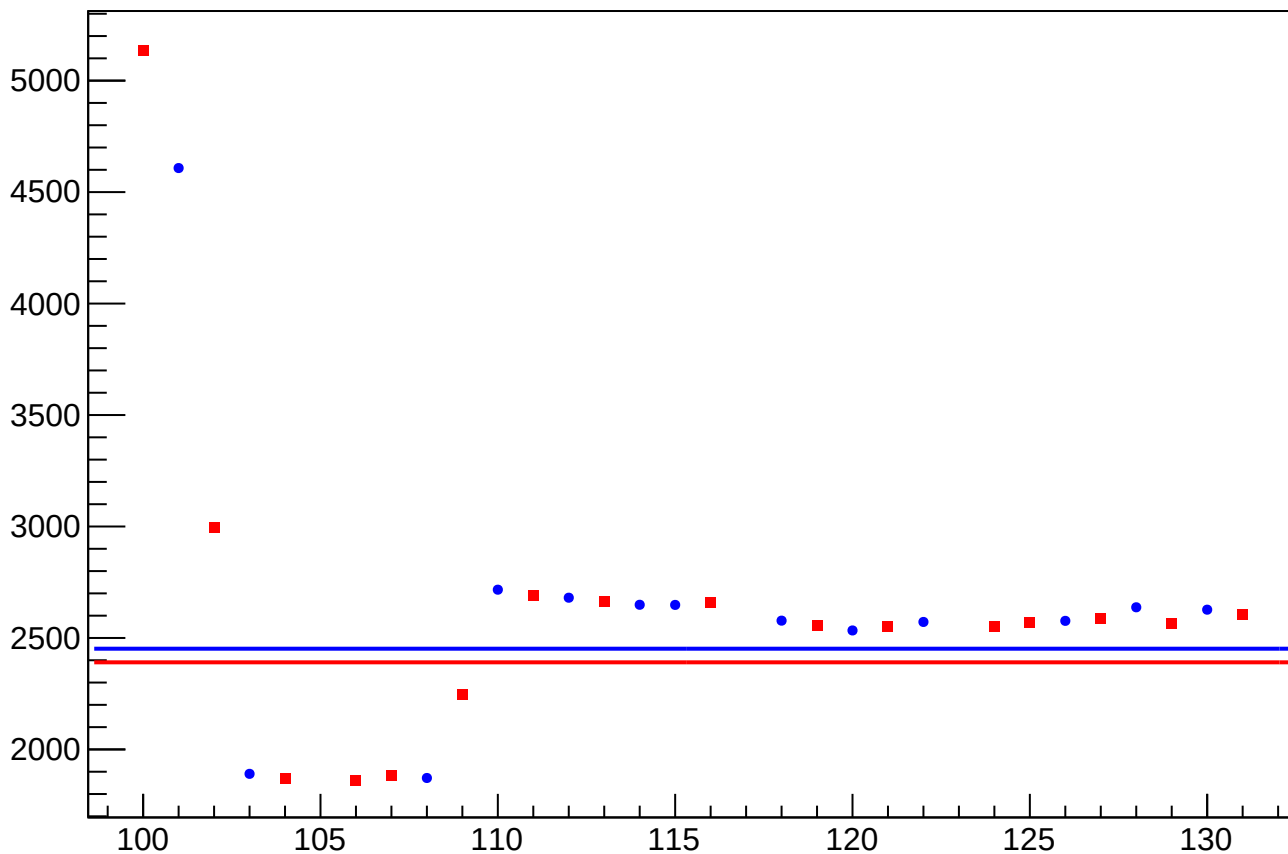
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 564.944 $\pm$ 721.086 χ^2 /NDF: 38.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atr2_rms vs Slug



Right In: 2451.842+/-0.754 χ^2/NDF : 504525.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

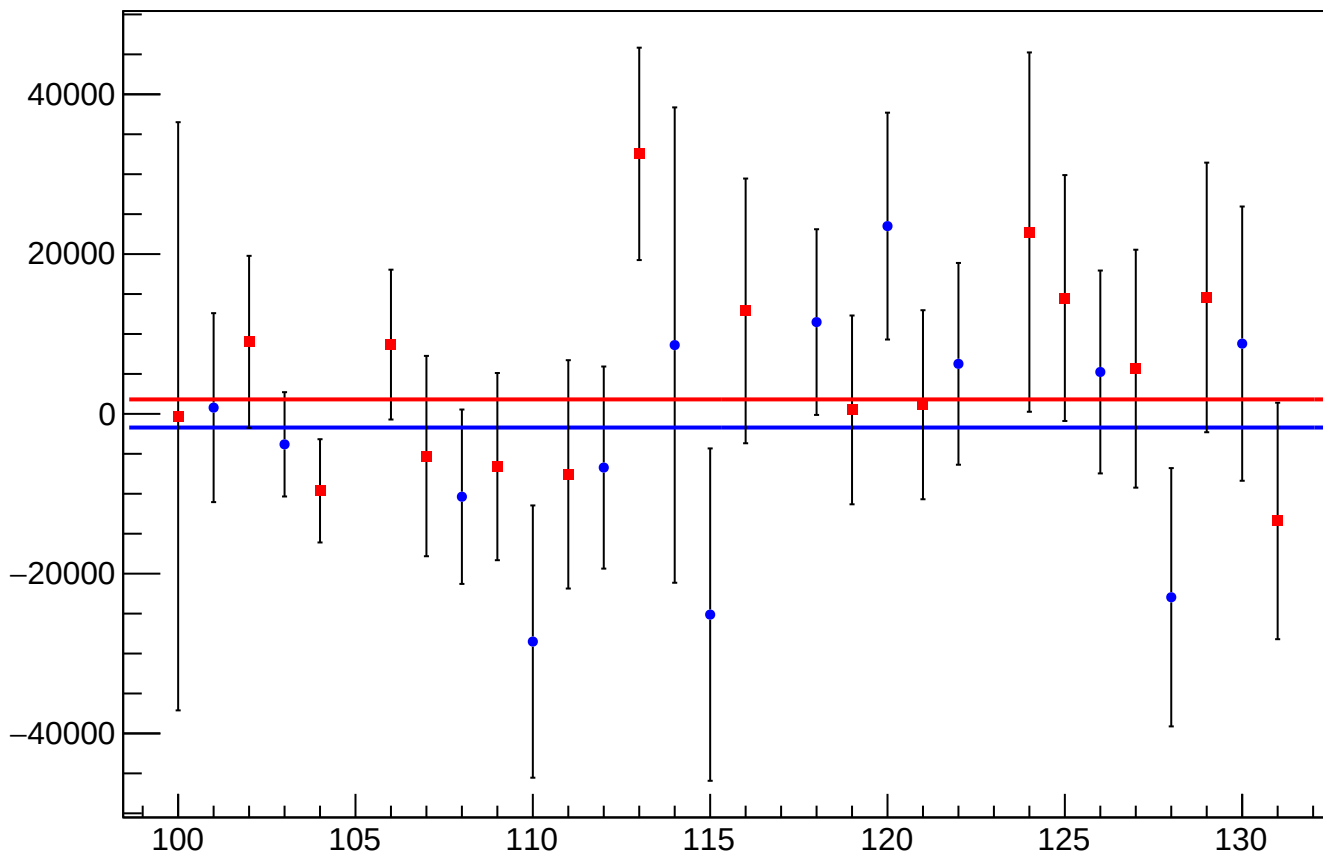
Right Out: 2390.706+/-0.692 χ^2/NDF : 297029.0/15

All: 2418.693+/-0.510 χ^2/NDF : 805123.2/28

- 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_cor_correction_mean vs Slug



Right In: -1709.978+/-3446.170 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1810.848+/-3077.088 χ^2/NDF : 14.4/15

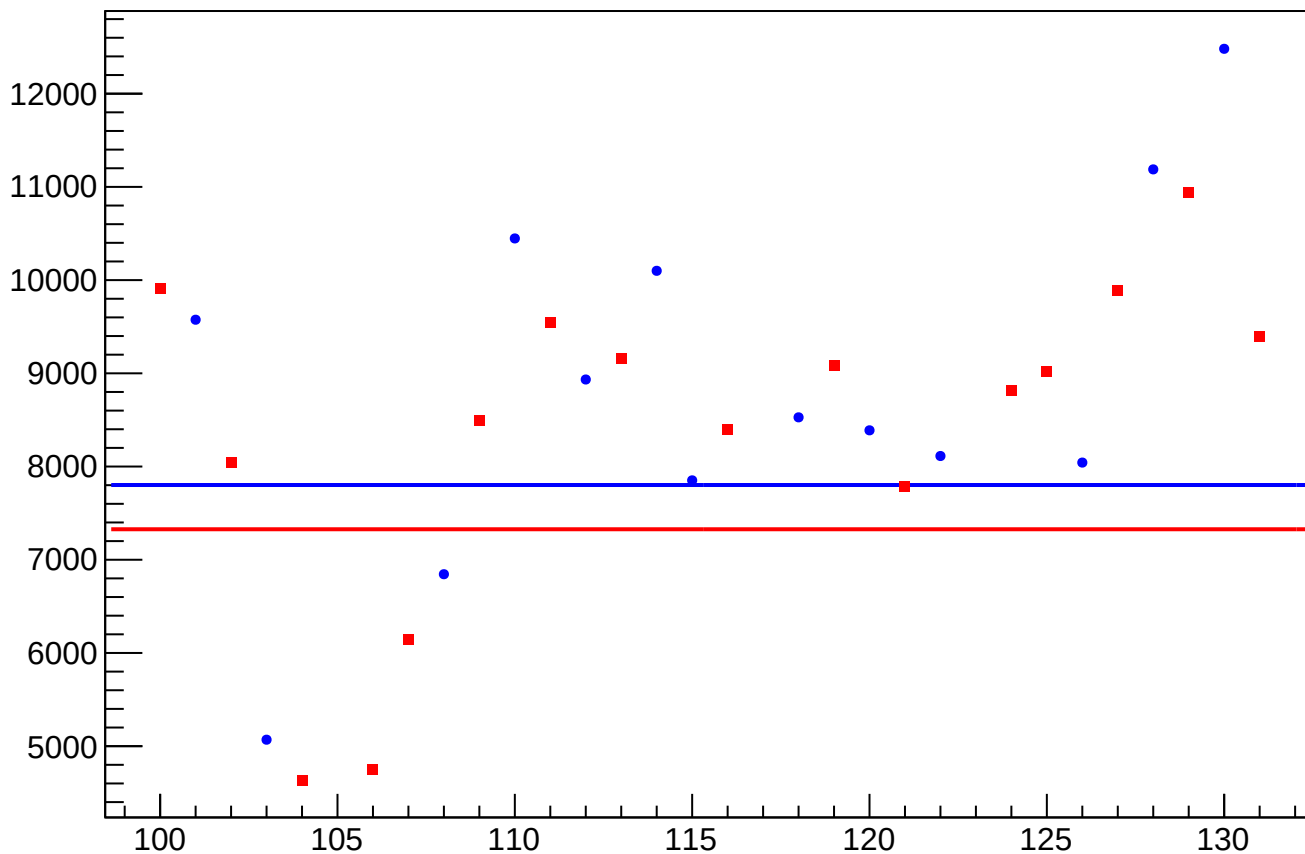
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 249.005+/-2295.266 χ^2/NDF : 27.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_cor_correction_rms vs Slug



Right In: 7801.848+/-2.437 χ^2/NDF : 736391.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7327.126+/-2.176 χ^2/NDF : 920332.3/15

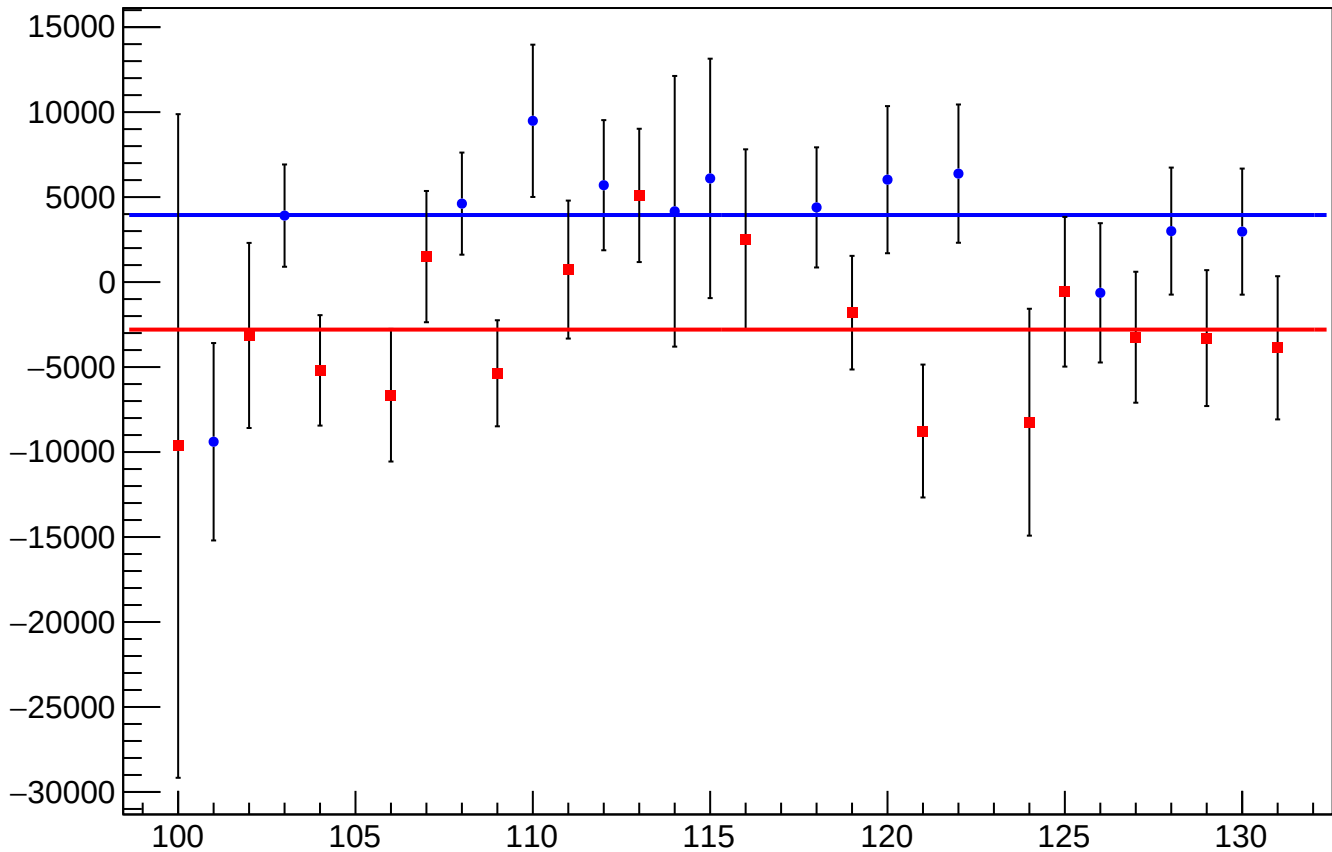
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7537.714+/-1.623 χ^2/NDF : 1677839.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr2_mean vs Slug



Right In: 3945.667 $\pm$ 1116.273 χ^2 /NDF: 9.1/12

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

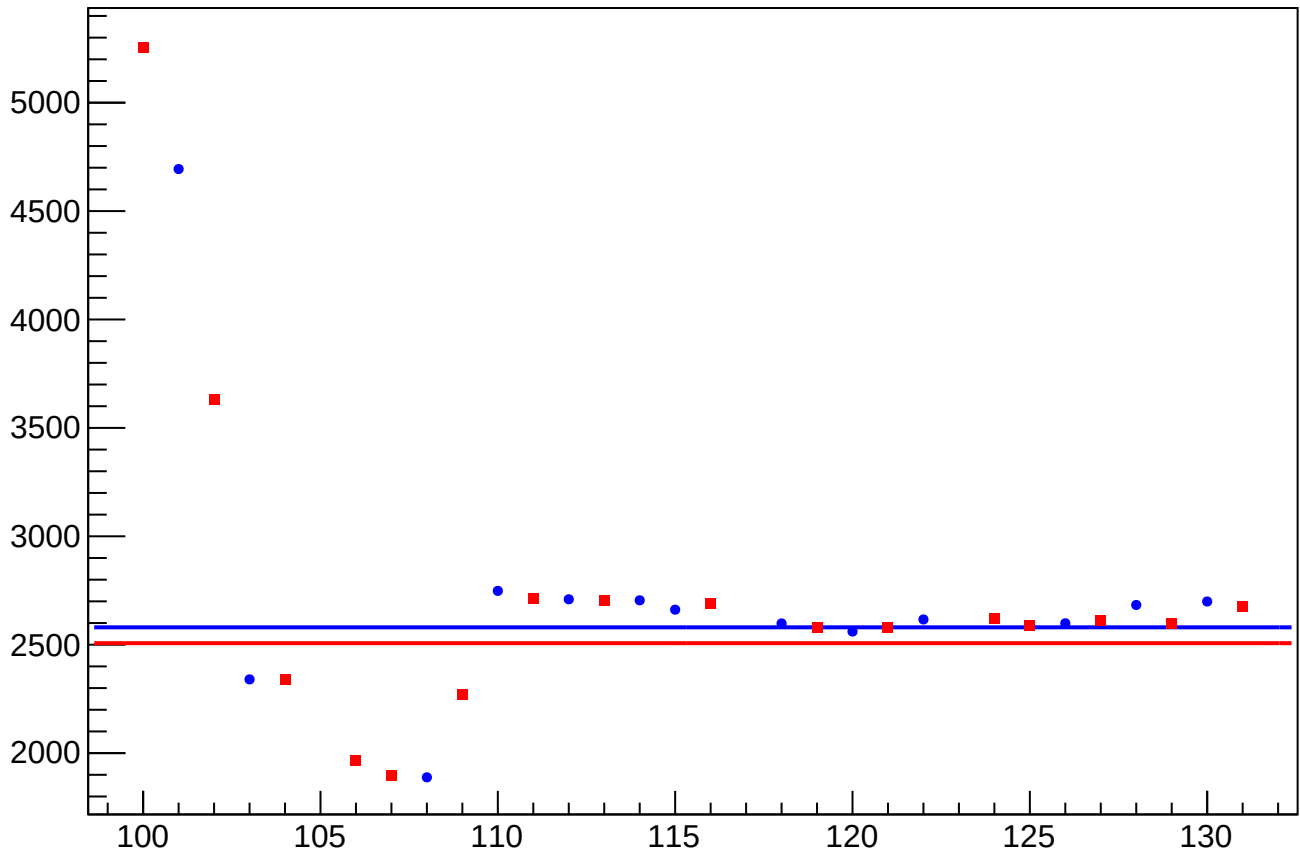
Right Out: -2795.740 $\pm$ 1029.689 χ^2 /NDF: 12.8/15

All: 303.409 $\pm$ 756.861 χ^2 /NDF: 41.7/28

- 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_atr2_rms vs Slug



Right In: 2580.258 $\pm$ 0.789 χ^2 /NDF: 393534.3/12

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

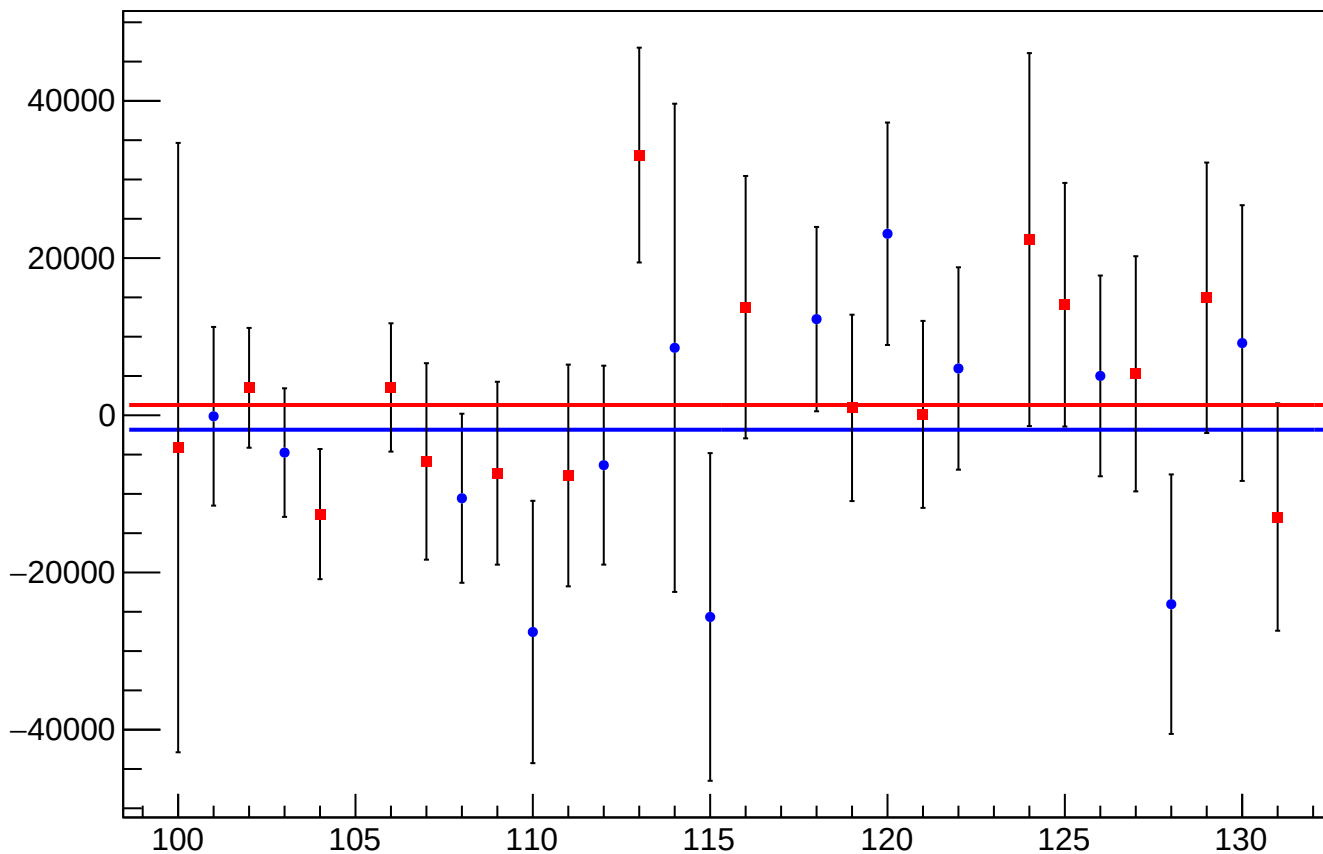
Right Out: 2507.116 $\pm$ 0.728 χ^2 /NDF: 251901.6/15

All: 2540.717 $\pm$ 0.535 χ^2 /NDF: 650077.9/28

- 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: -1836.466 ± 3631.034 χ^2/NDF : 12.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1309.422 ± 3043.327 χ^2/NDF : 13.4/15

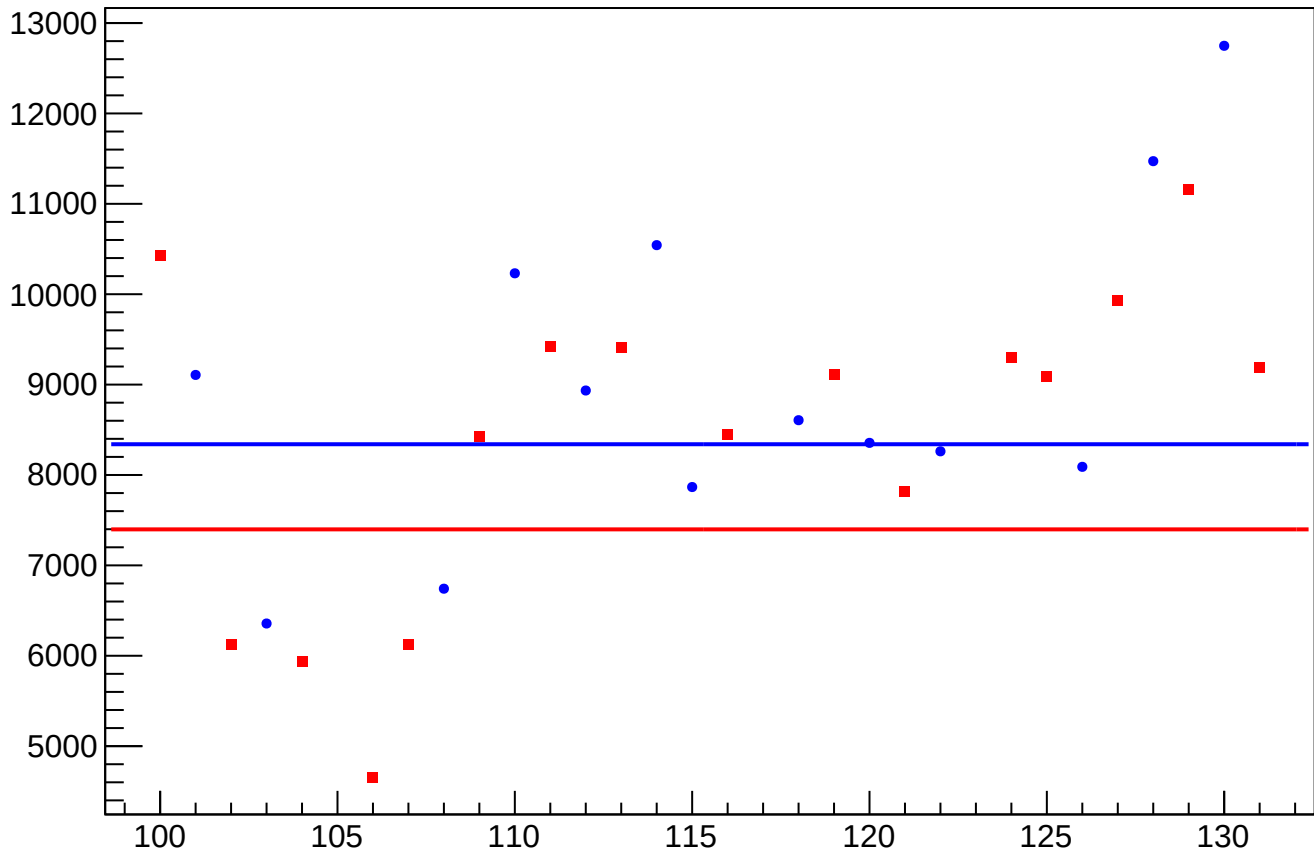
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 11.356 ± 2332.422 χ^2/NDF : 26.0/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr2_dit_correction_rms vs Slug



Right In: 8340.197+/-2.568 χ^2/NDF : 412179.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

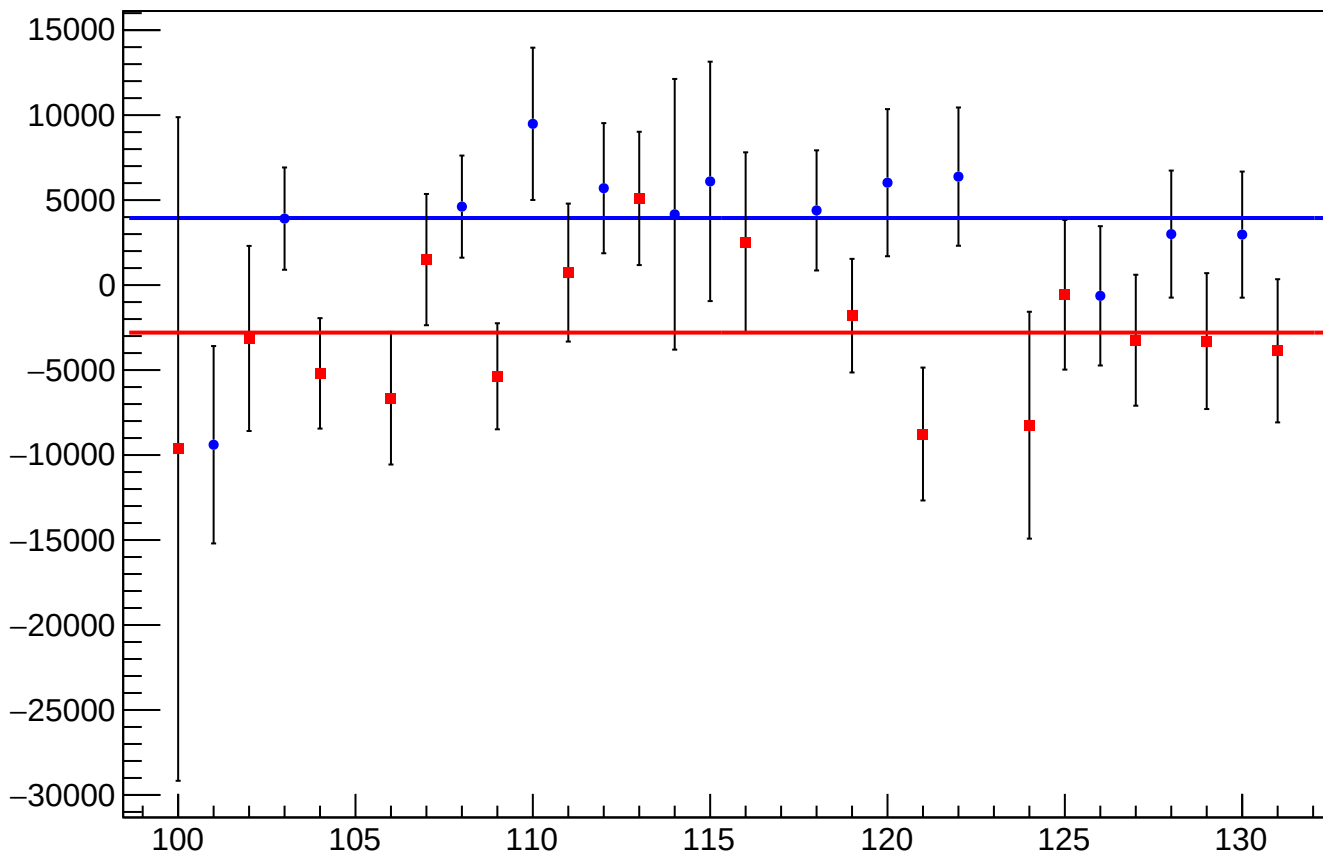
Right Out: 7398.315+/-2.152 χ^2/NDF : 748700.3/15

All: 7786.957+/-1.649 χ^2/NDF : 1239925.8/28

- 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: 3945.668 $\pm$ 1116.272 χ^2 /NDF: 9.1/12

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

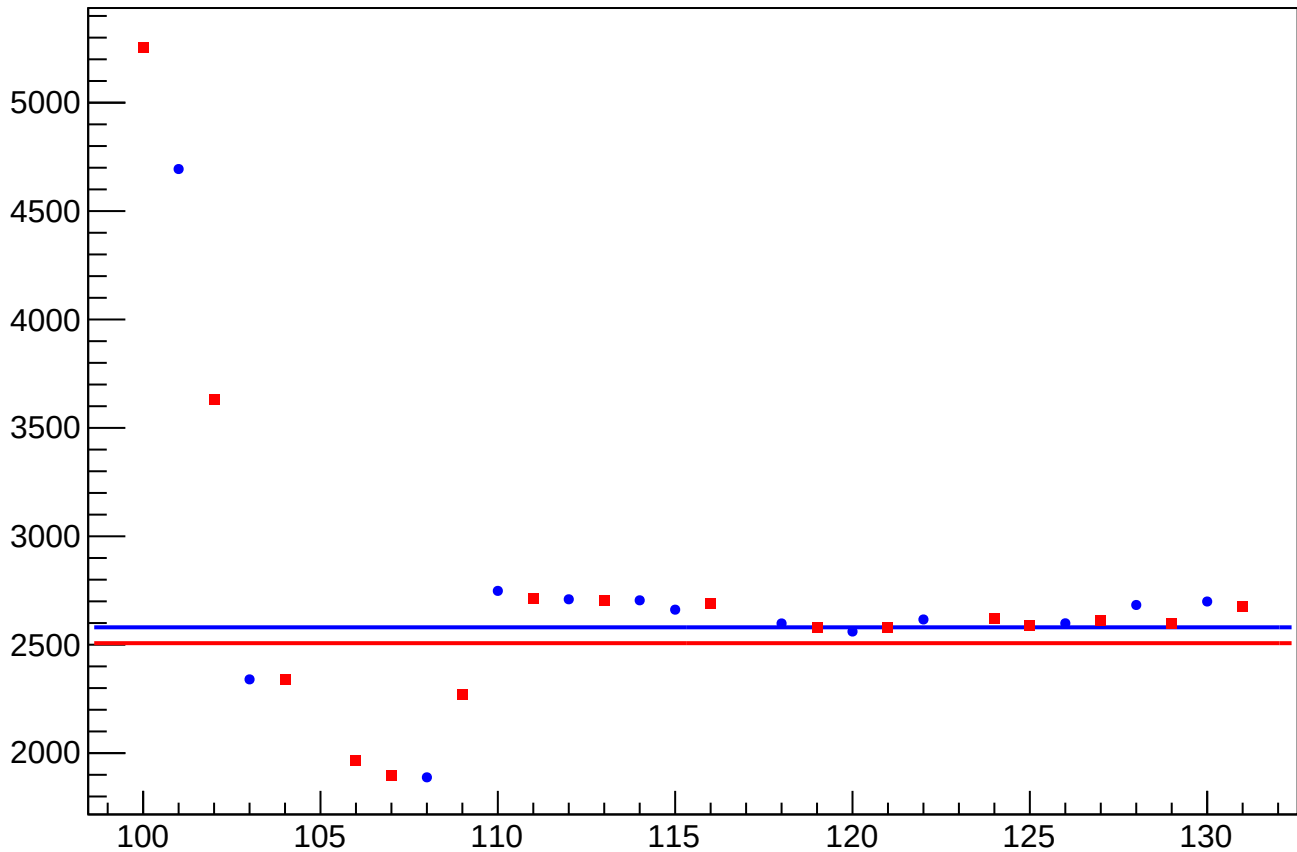
Right Out: -2795.751 $\pm$ 1029.689 χ^2 /NDF: 12.8/15

All: 303.404 $\pm$ 756.861 χ^2 /NDF: 41.7/28

- 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_atr2_rms vs Slug



Right In: 2580.257+/-0.789 χ^2/NDF : 393534.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2507.116+/-0.728 χ^2/NDF : 251901.1/15

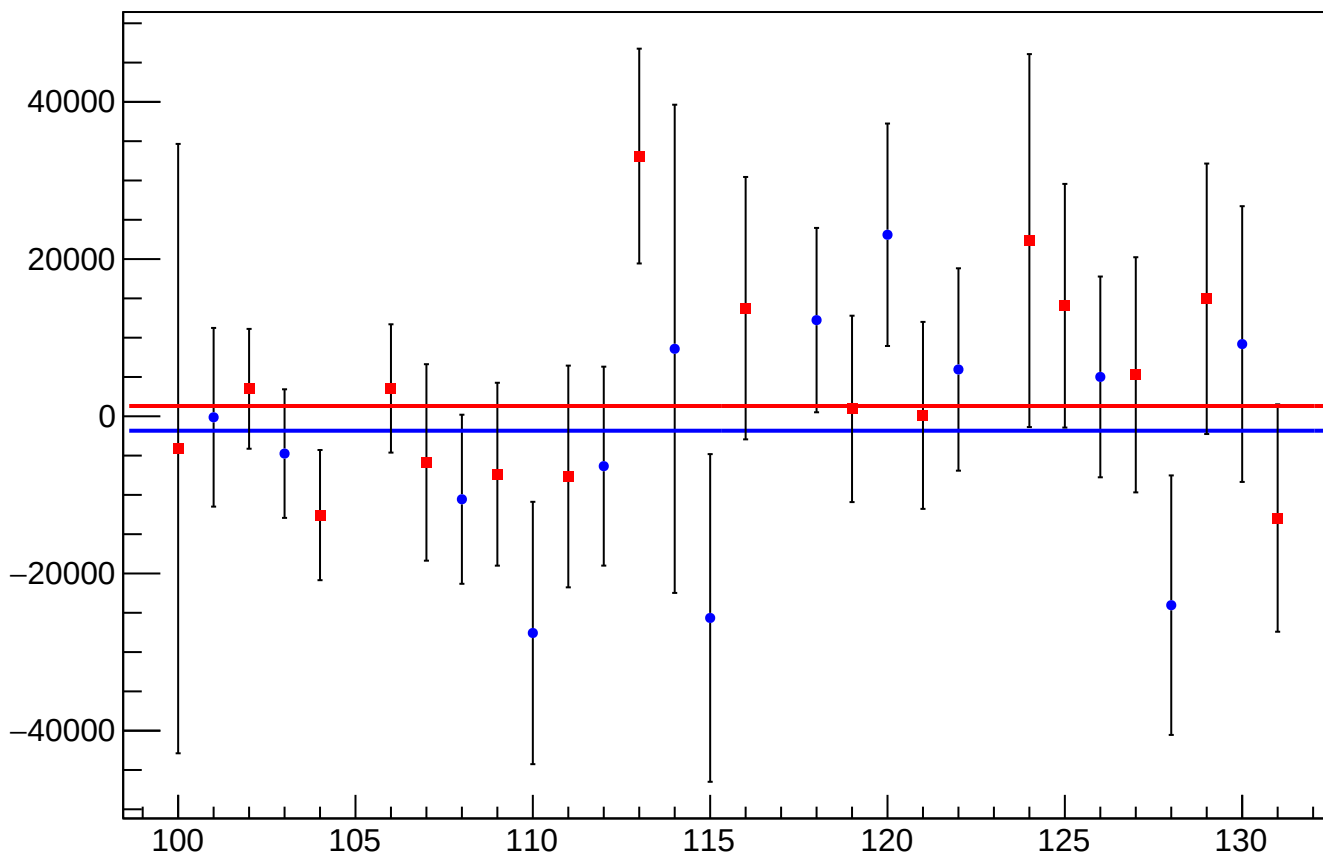
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2540.716+/-0.535 χ^2/NDF : 650077.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_correction_mean vs Slug



Right In: -1836.450+/-3631.025 χ^2 /NDF: 12.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1309.416+/-3043.321 χ^2 /NDF: 13.4/15

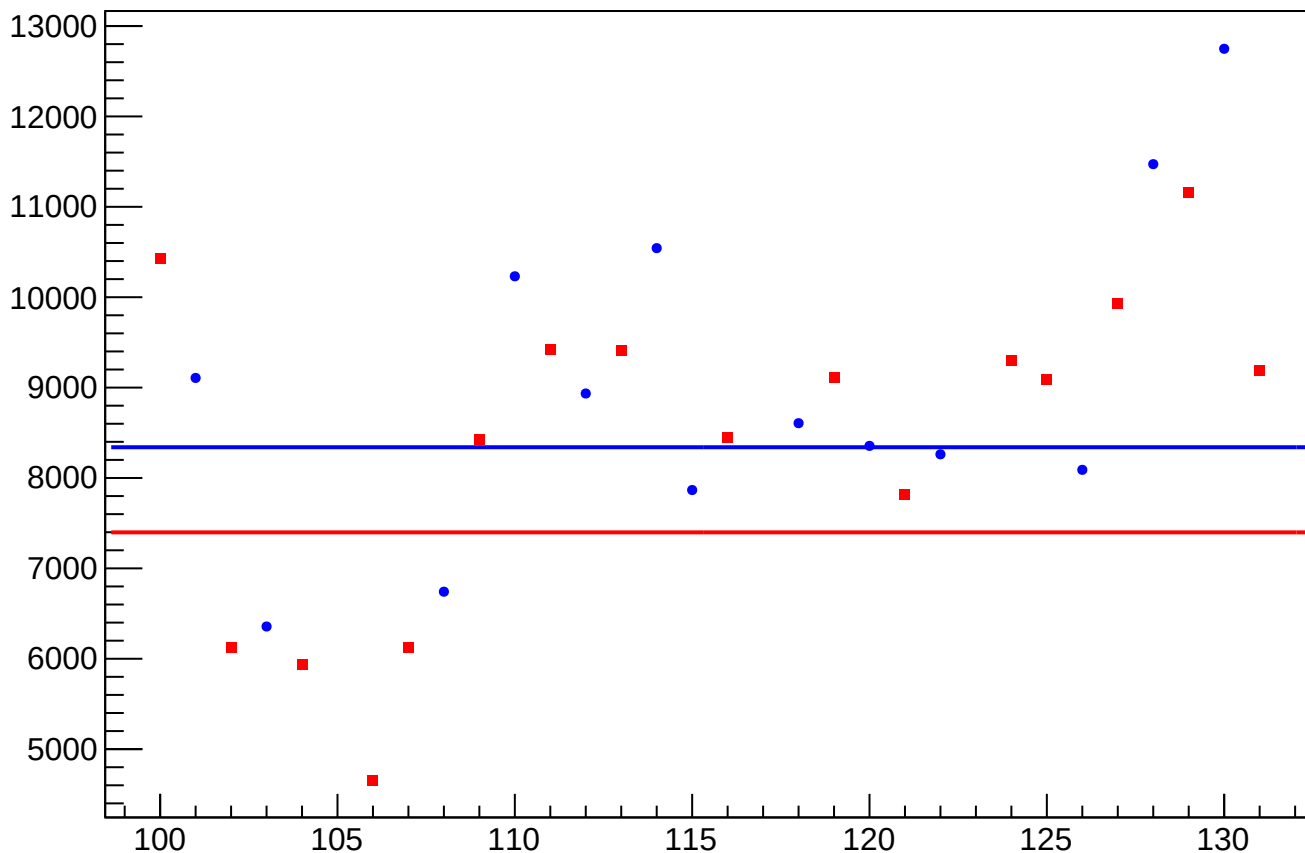
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 11.359+/-2332.416 χ^2 /NDF: 26.0/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr2_eigen_dit_correction_rms vs Slug



Right In: 8340.180+/-2.568 χ^2/NDF : 412174.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7398.300+/-2.152 χ^2/NDF : 748696.3/15

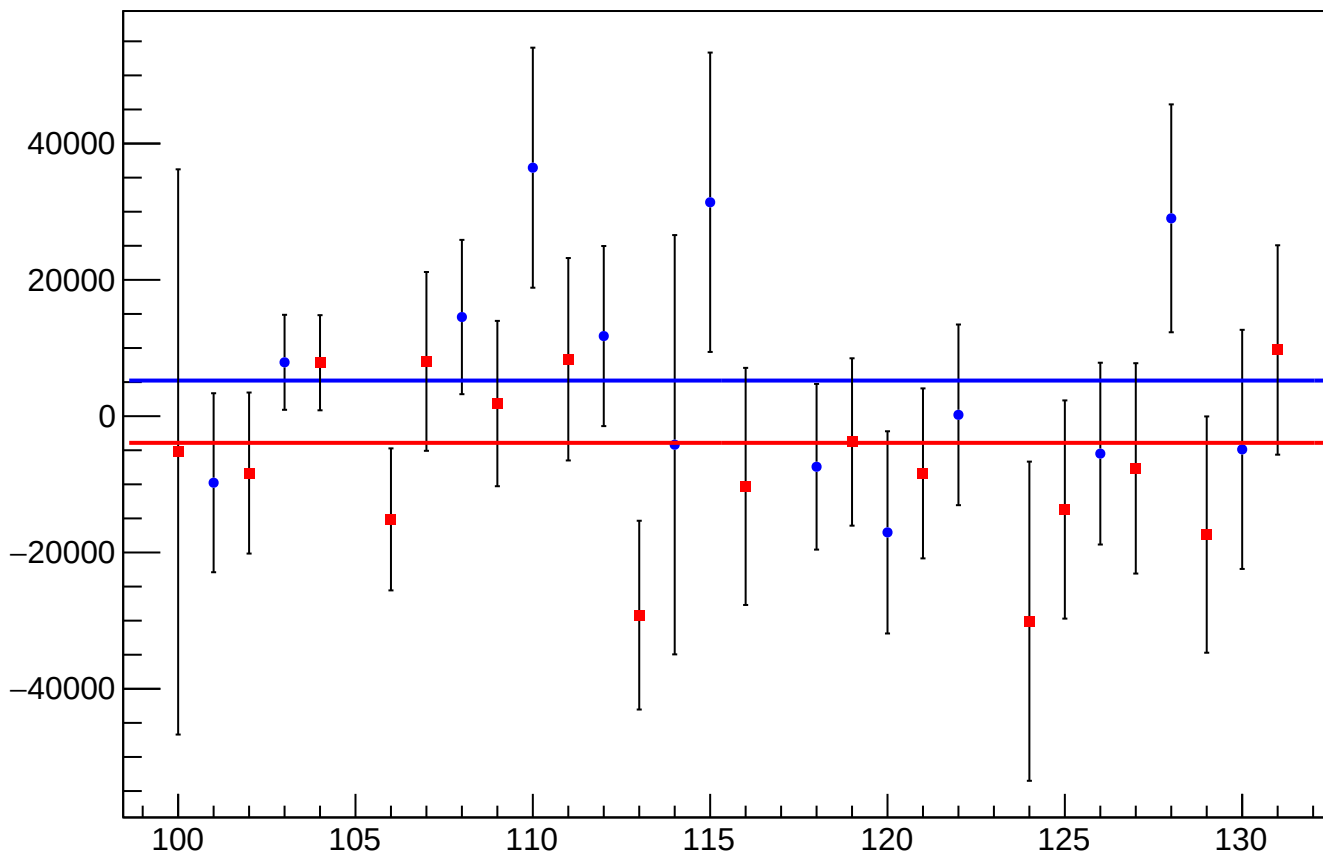
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7786.942+/-1.649 χ^2/NDF : 1239916.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_mean vs Slug



Right In: 5226.010+/-3633.801 χ^2/NDF : 13.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3913.318+/-3266.806 χ^2/NDF : 12.5/15

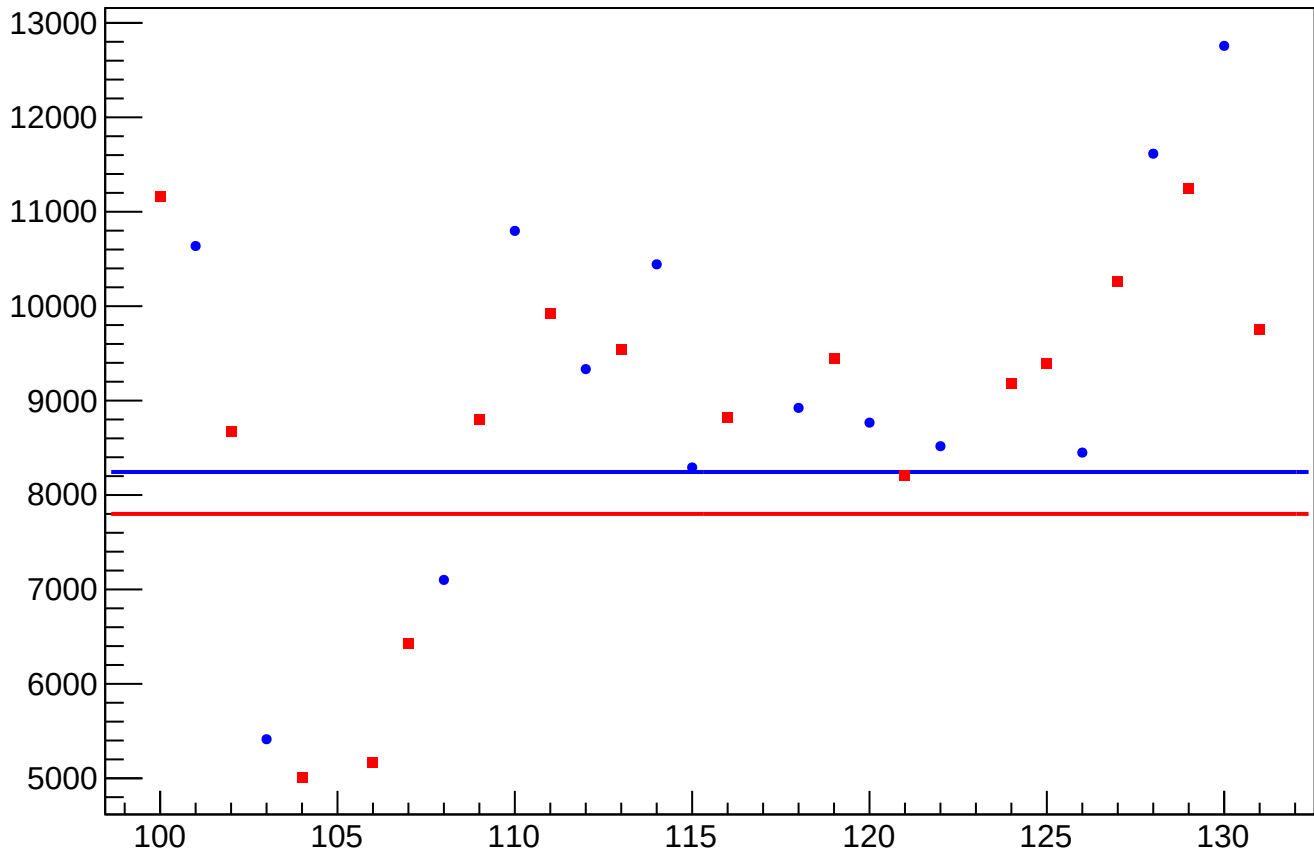
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.661+/-2429.399 χ^2/NDF : 29.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_rms vs Slug



Right In: 8243.916+/-2.569 χ^2/NDF : 706311.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7799.812+/-2.310 χ^2/NDF : 813167.1/15

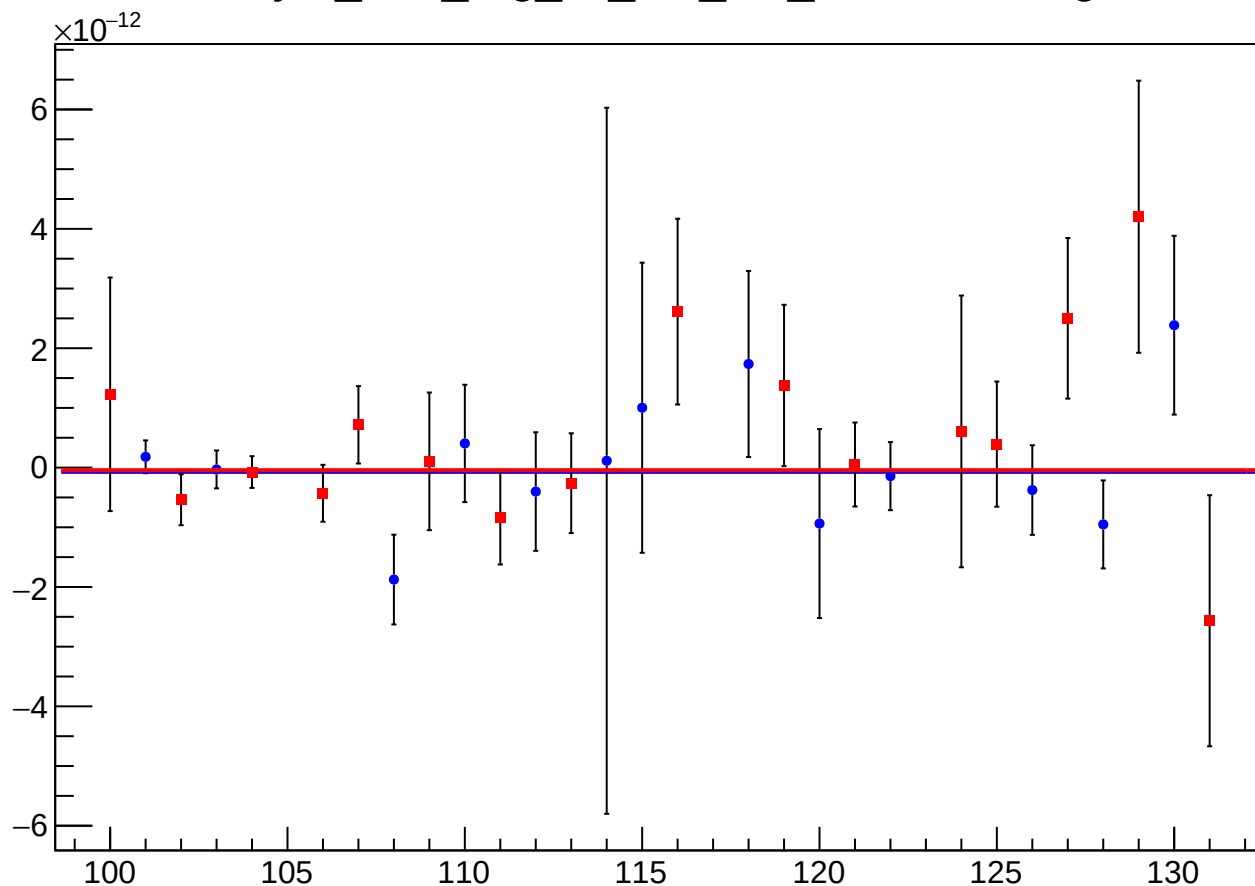
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7998.307+/-1.718 χ^2/NDF : 1535999.3/28

- 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 : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.7/15

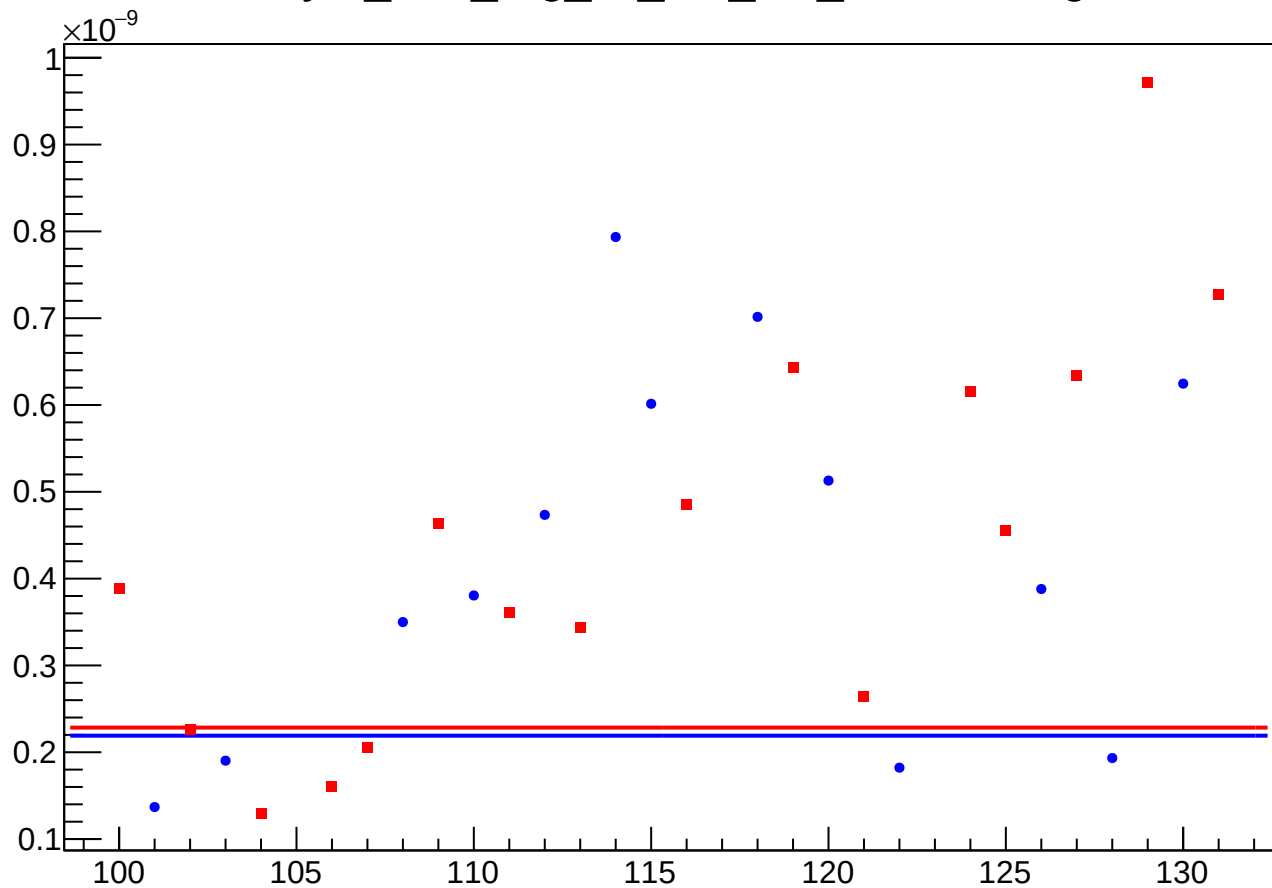
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1028653.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1418451.4/15

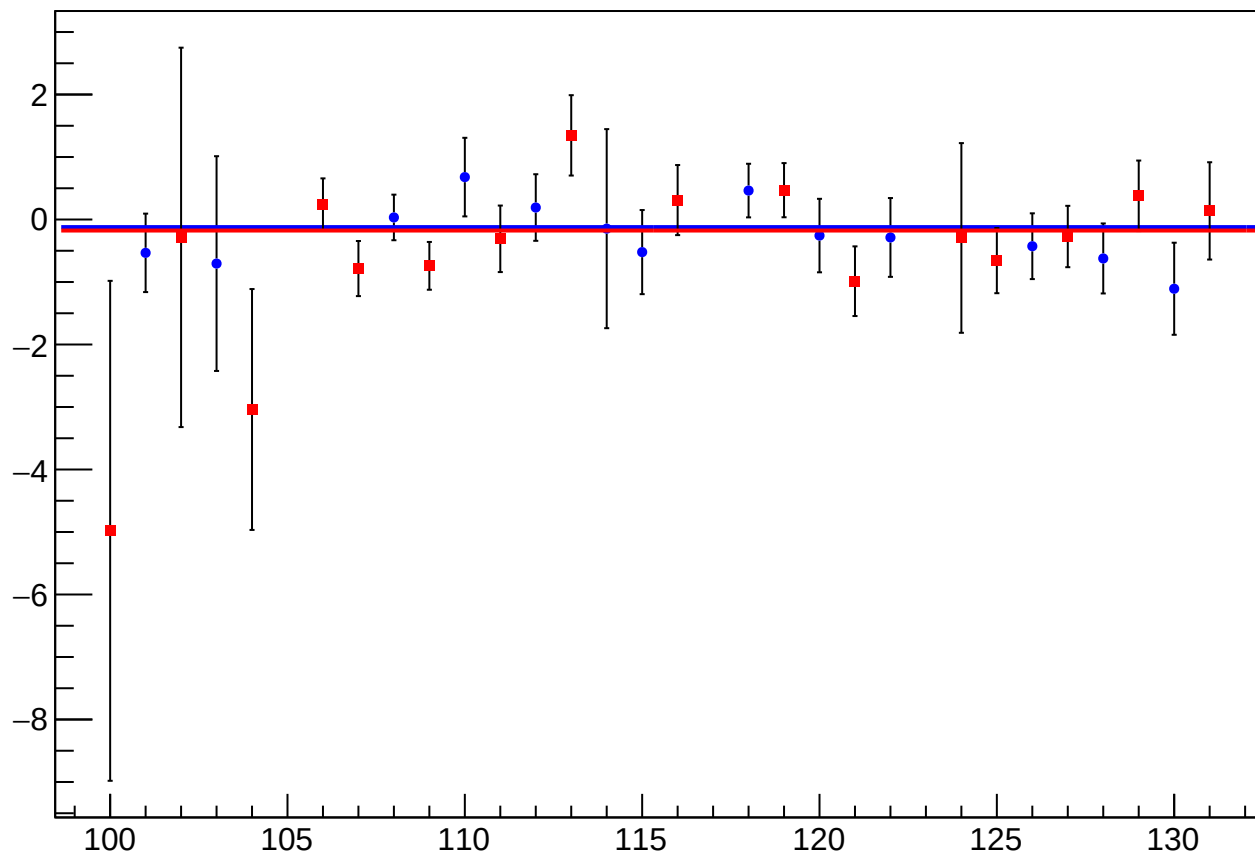
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2450158.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_dit_vs_cor_diff_mean vs Slug



Right In: -0.121+/-0.161 χ^2/NDF : 8.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.176+/-0.143 χ^2/NDF : 21.6/15

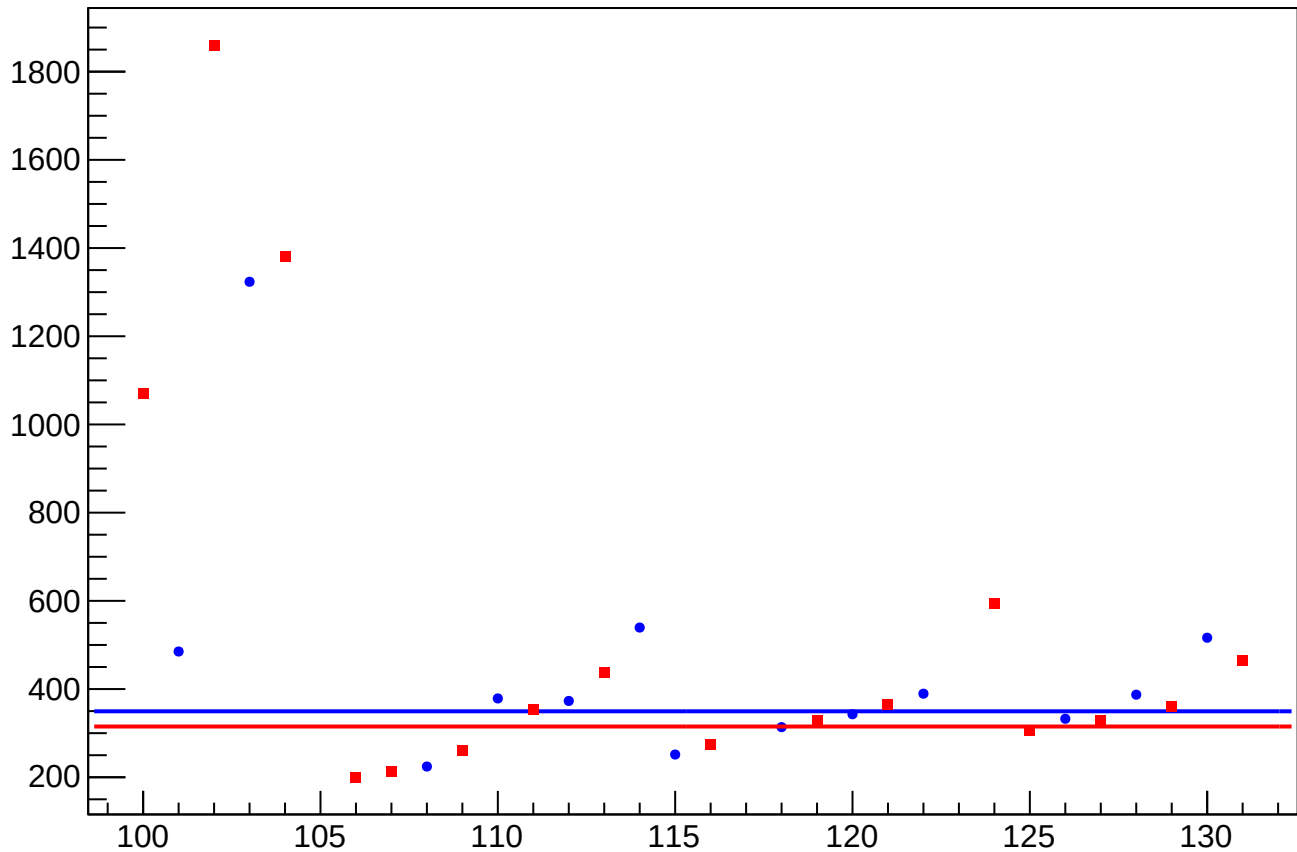
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.152+/-0.107 χ^2/NDF : 29.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_dit_vs_cor_diff_rms vs Slug



Right In: 349.571+/-0.114 χ^2/NDF : 1186970.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 315.063+/-0.101 χ^2/NDF : 1770494.9/15

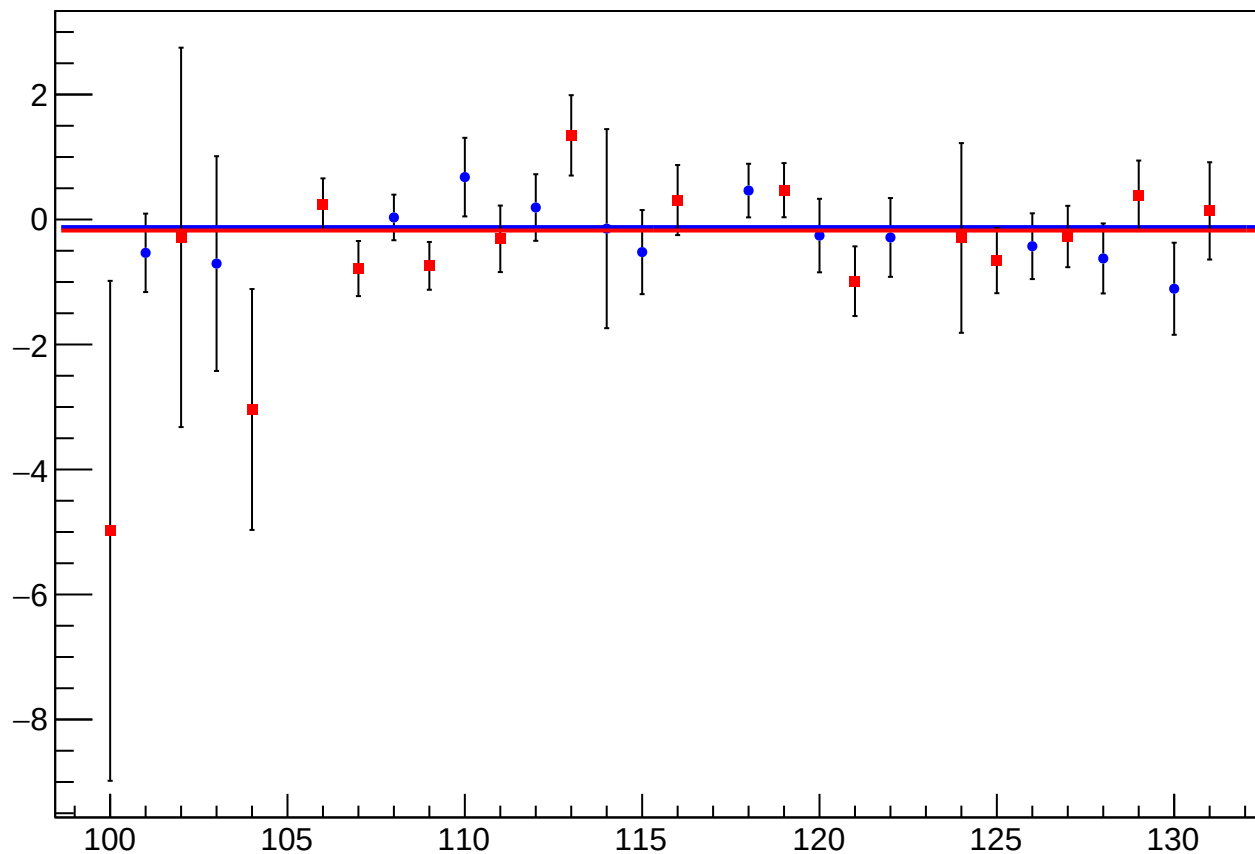
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 330.261+/-0.076 χ^2/NDF : 3008821.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.121 ± 0.161 χ^2/NDF : 8.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.176 ± 0.143 χ^2/NDF : 21.6/15

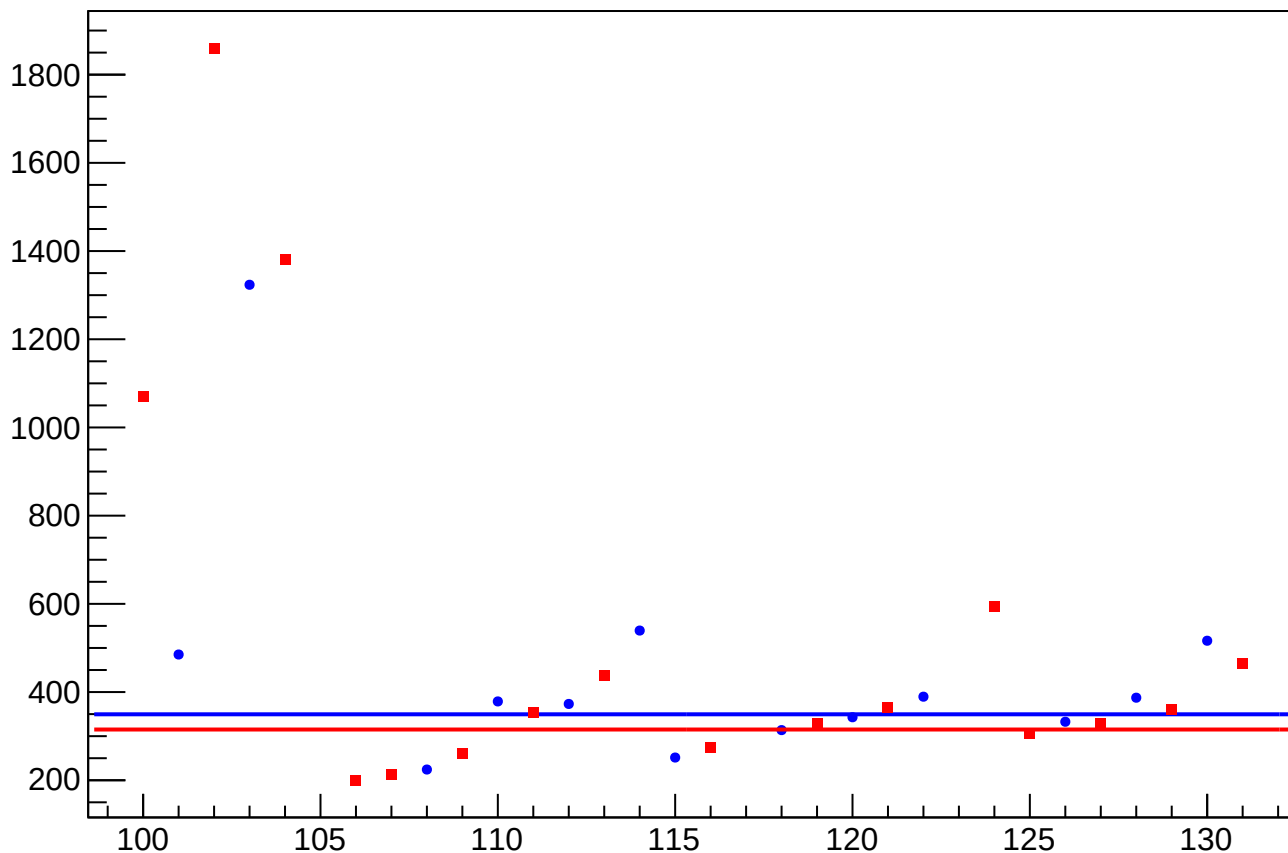
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.152 ± 0.107 χ^2/NDF : 29.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr2_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 349.571+/-0.114 χ^2/NDF : 1186970.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 315.063+/-0.101 χ^2/NDF : 1770494.9/15

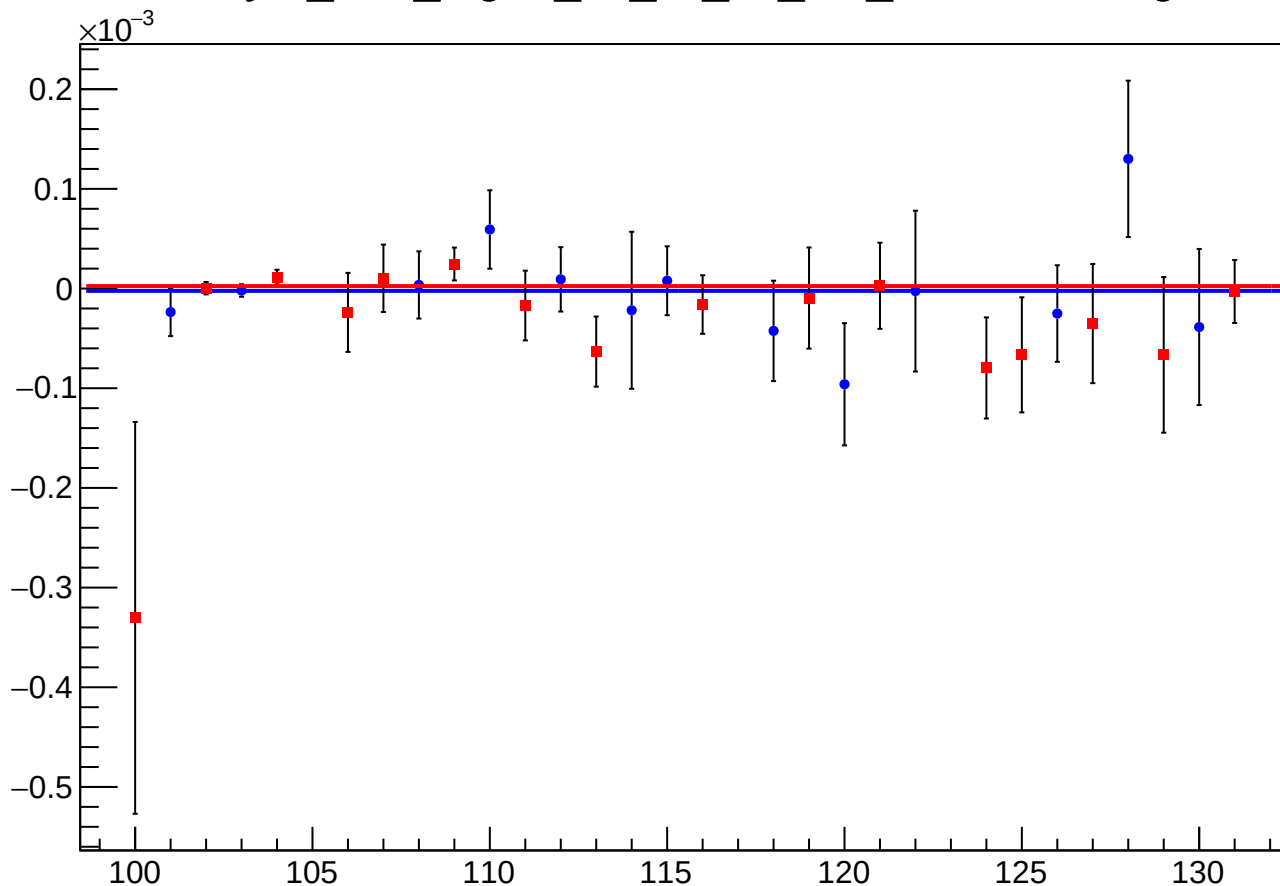
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 330.261+/-0.076 χ^2/NDF : 3008821.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 9.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.3/15

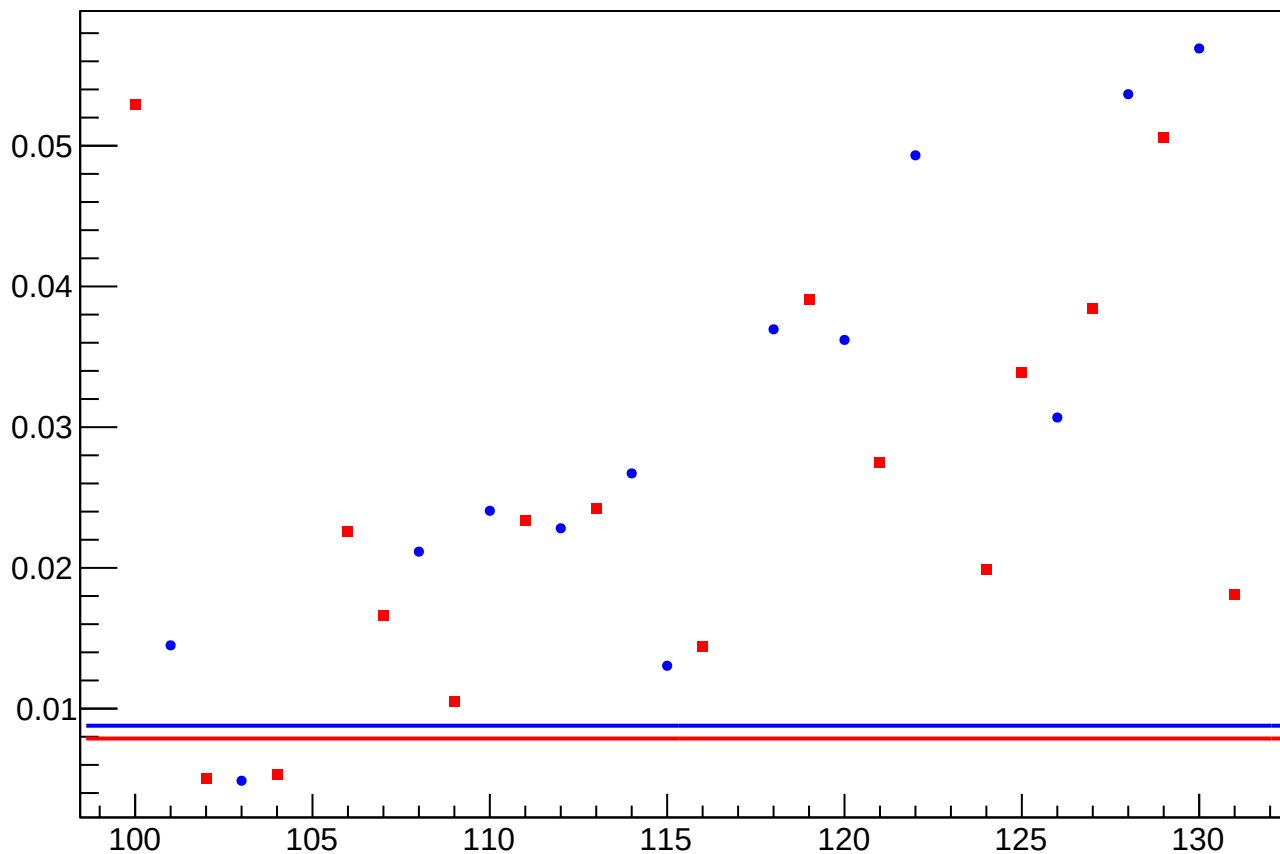
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.6/28

- 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 : 5322208.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 5176825.7/15

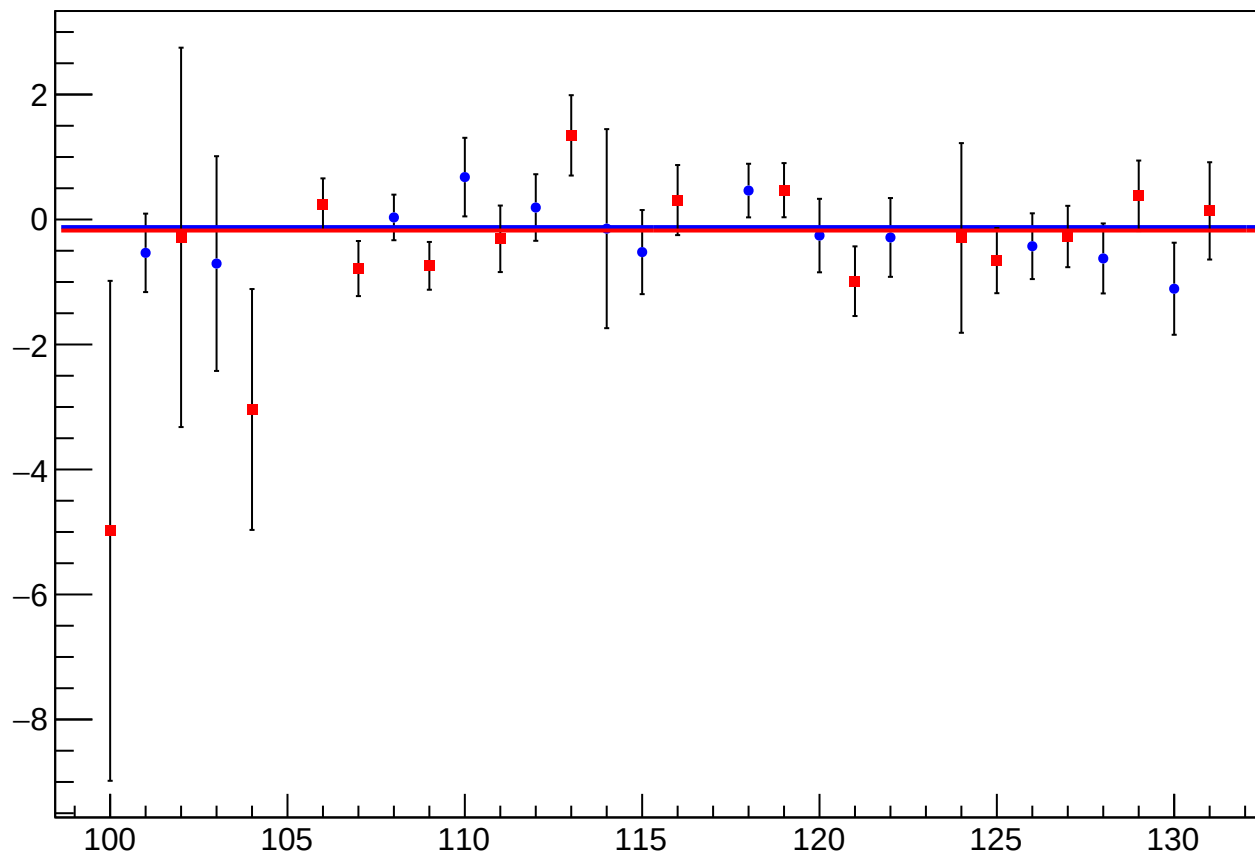
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 10532839.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.121+/-0.161 χ^2/NDF : 8.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.176+/-0.143 χ^2/NDF : 21.6/15

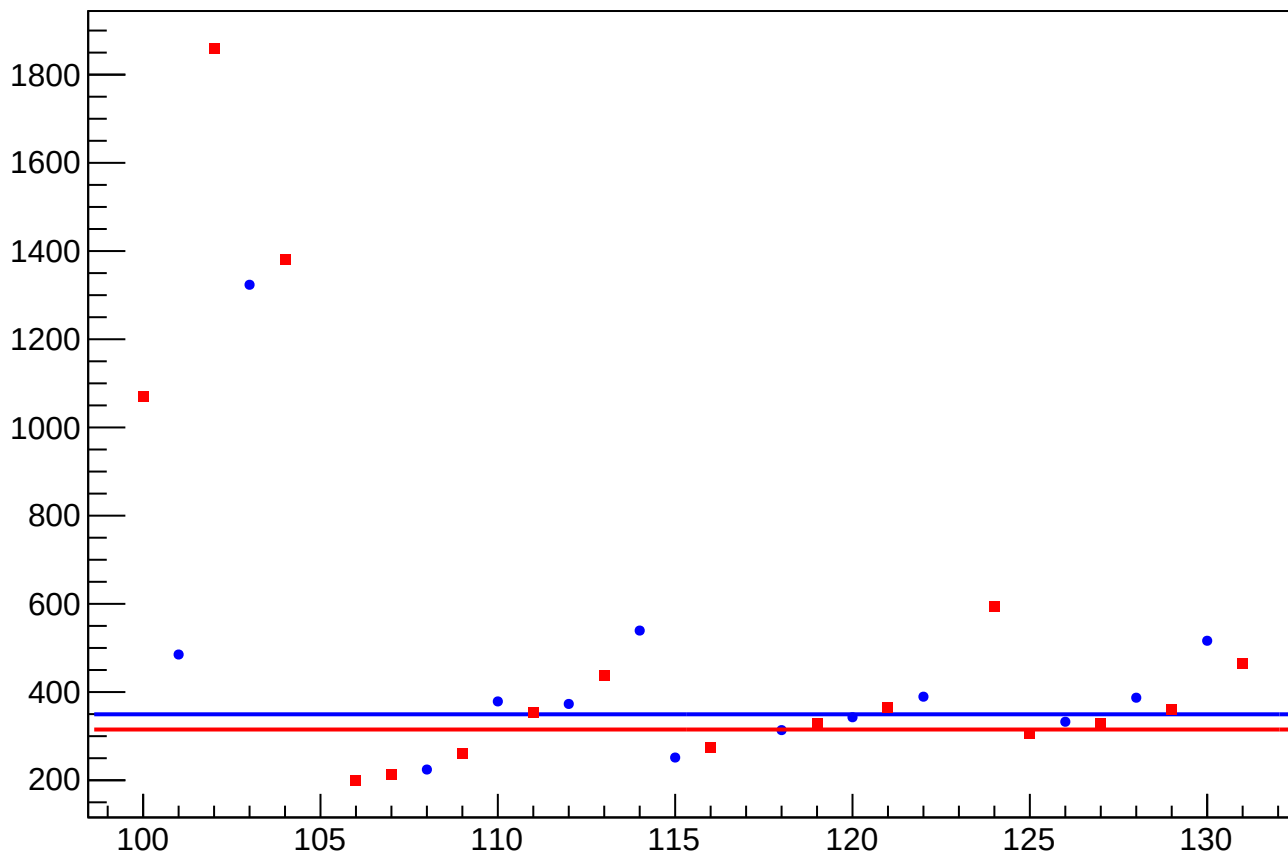
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.152+/-0.107 χ^2/NDF : 29.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 349.566+/-0.114 χ^2/NDF : 1186956.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 315.061+/-0.101 χ^2/NDF : 1770473.6/15

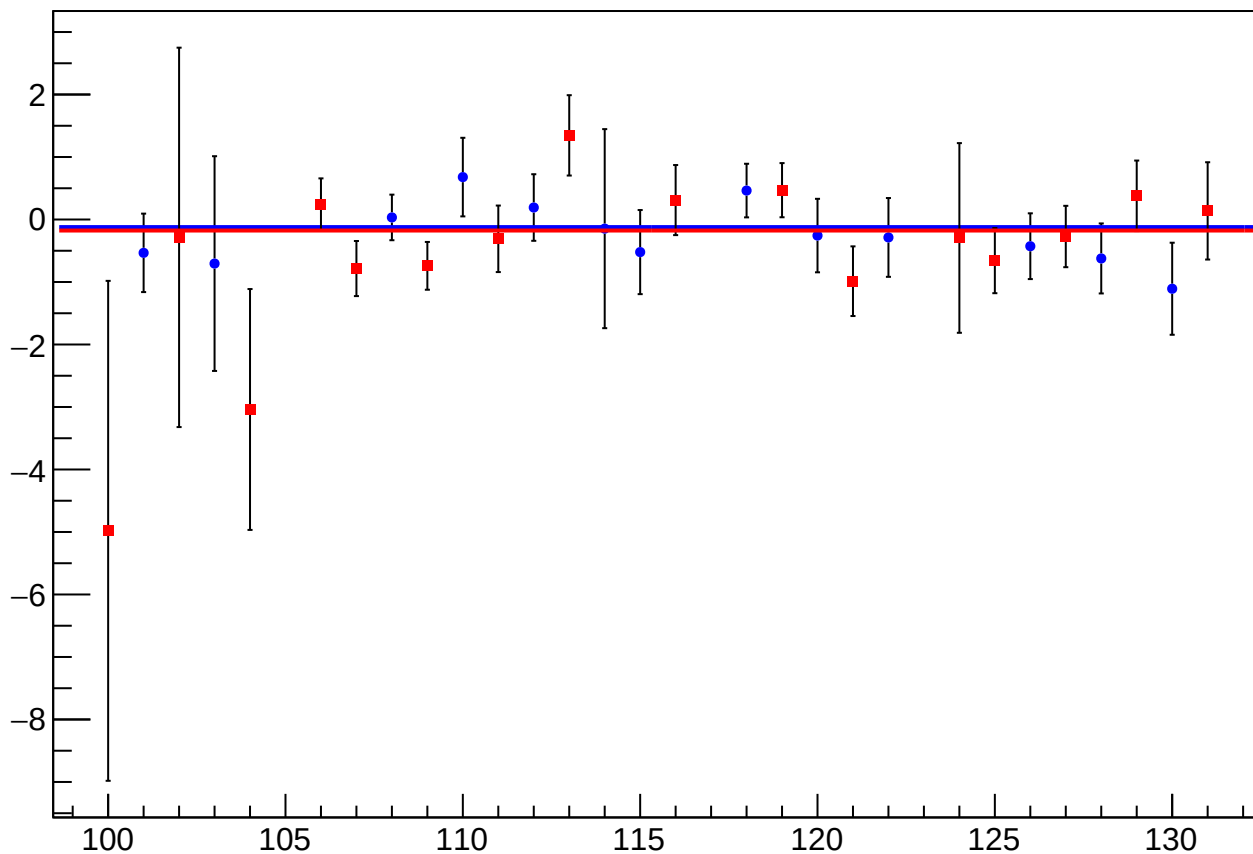
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 330.258+/-0.076 χ^2/NDF : 3008779.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.121+/-0.161 χ^2/NDF : 8.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.176+/-0.143 χ^2/NDF : 21.6/15

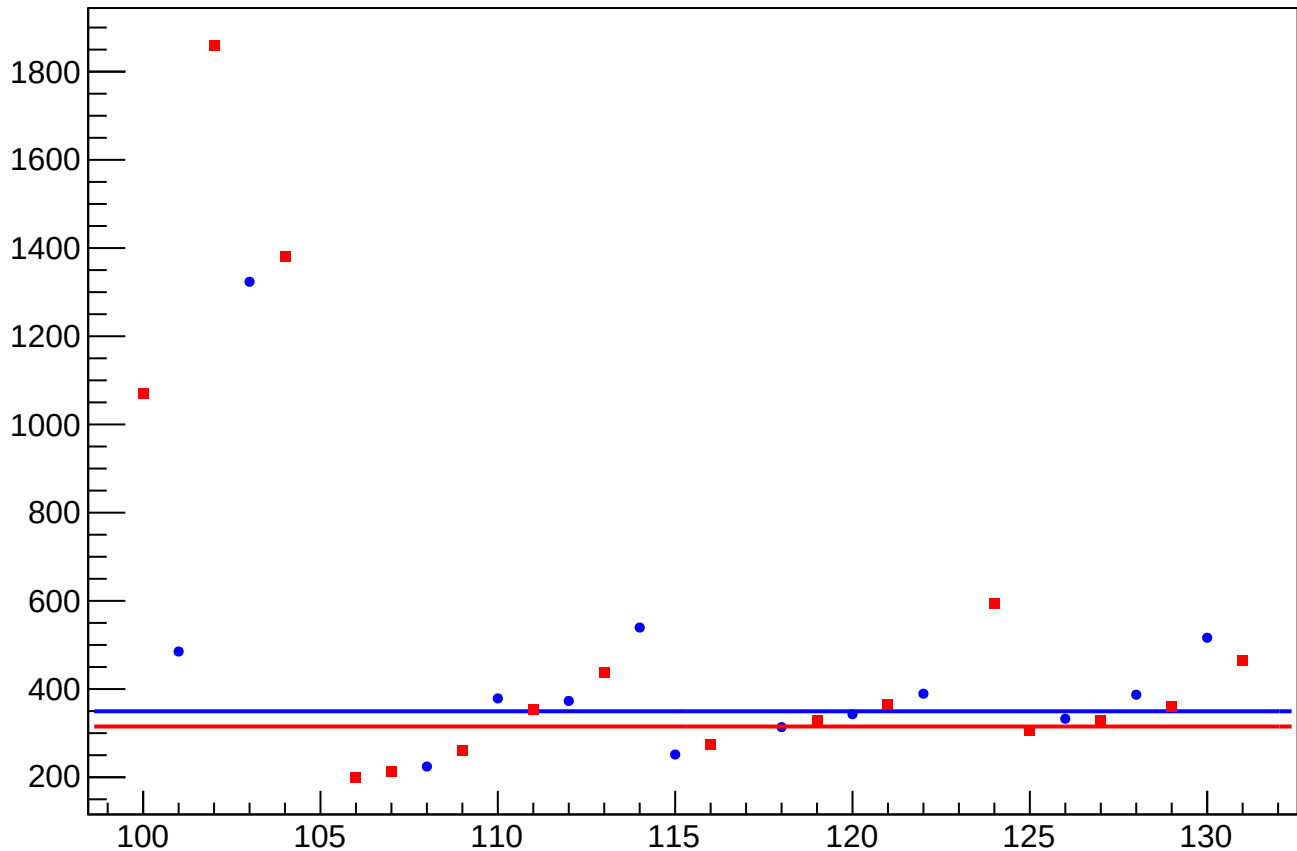
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.152+/-0.107 χ^2/NDF : 29.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 349.566+/-0.114 χ^2/NDF : 1186956.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 315.061+/-0.101 χ^2/NDF : 1770473.6/15

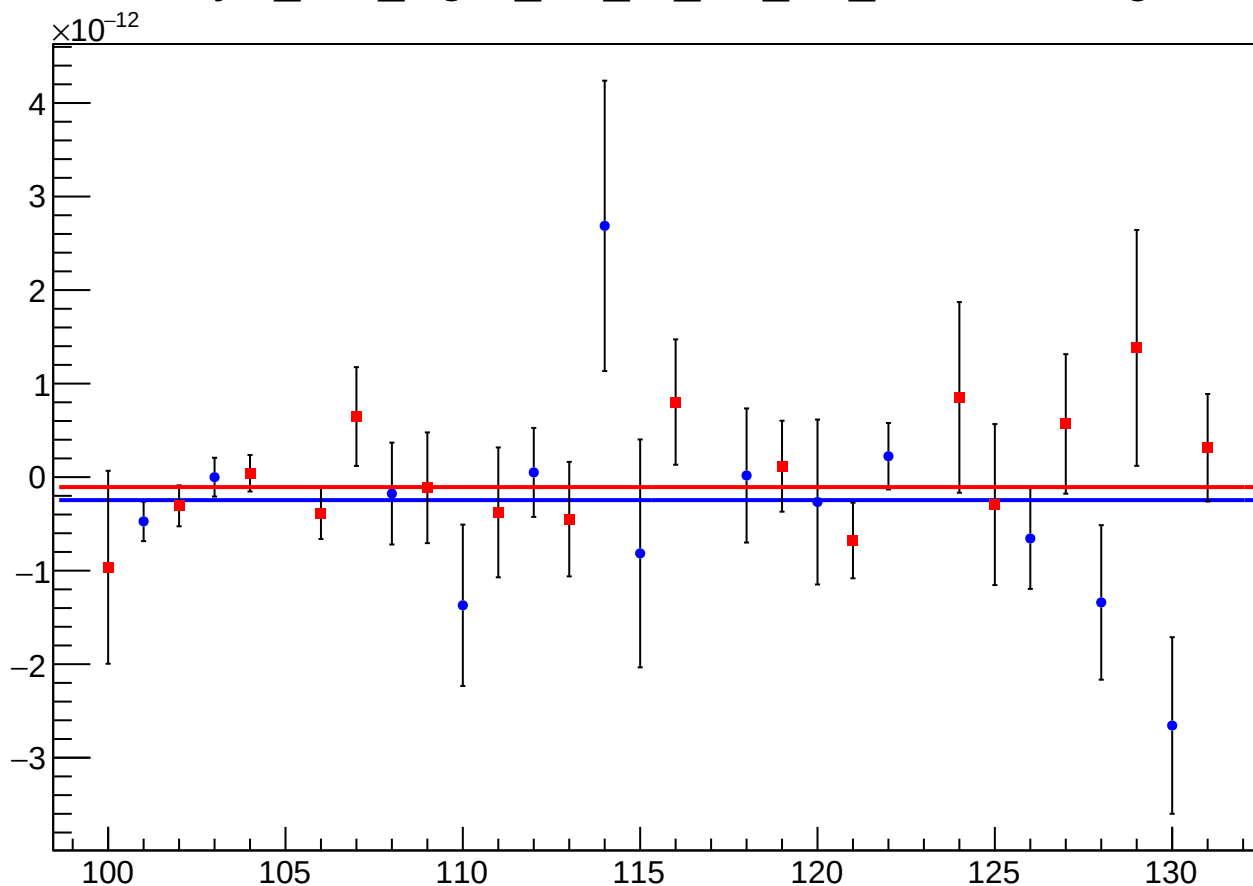
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 330.258+/-0.076 χ^2/NDF : 3008779.0/28

- 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 : 19.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.4/15

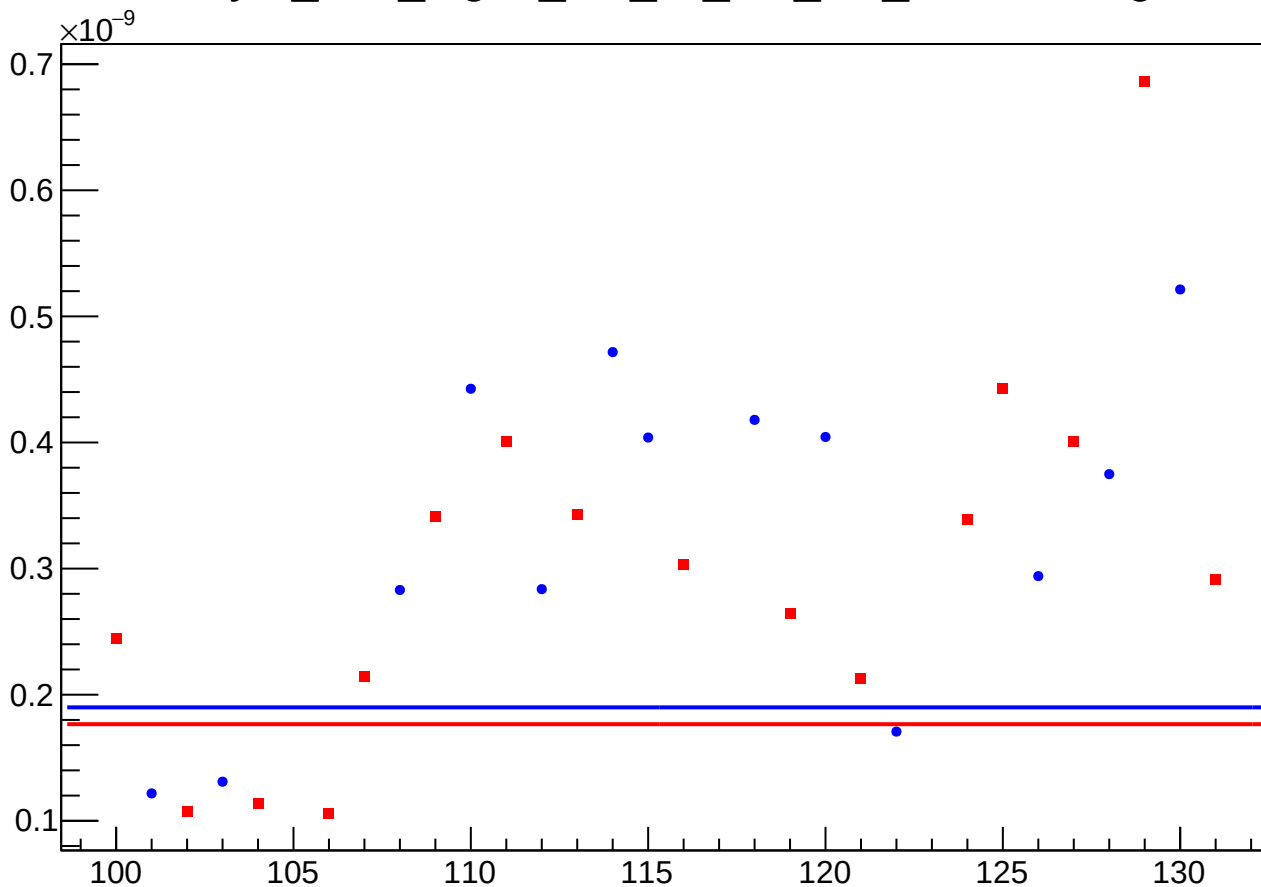
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.3/28

- 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 : 1552655.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2051764.4/15

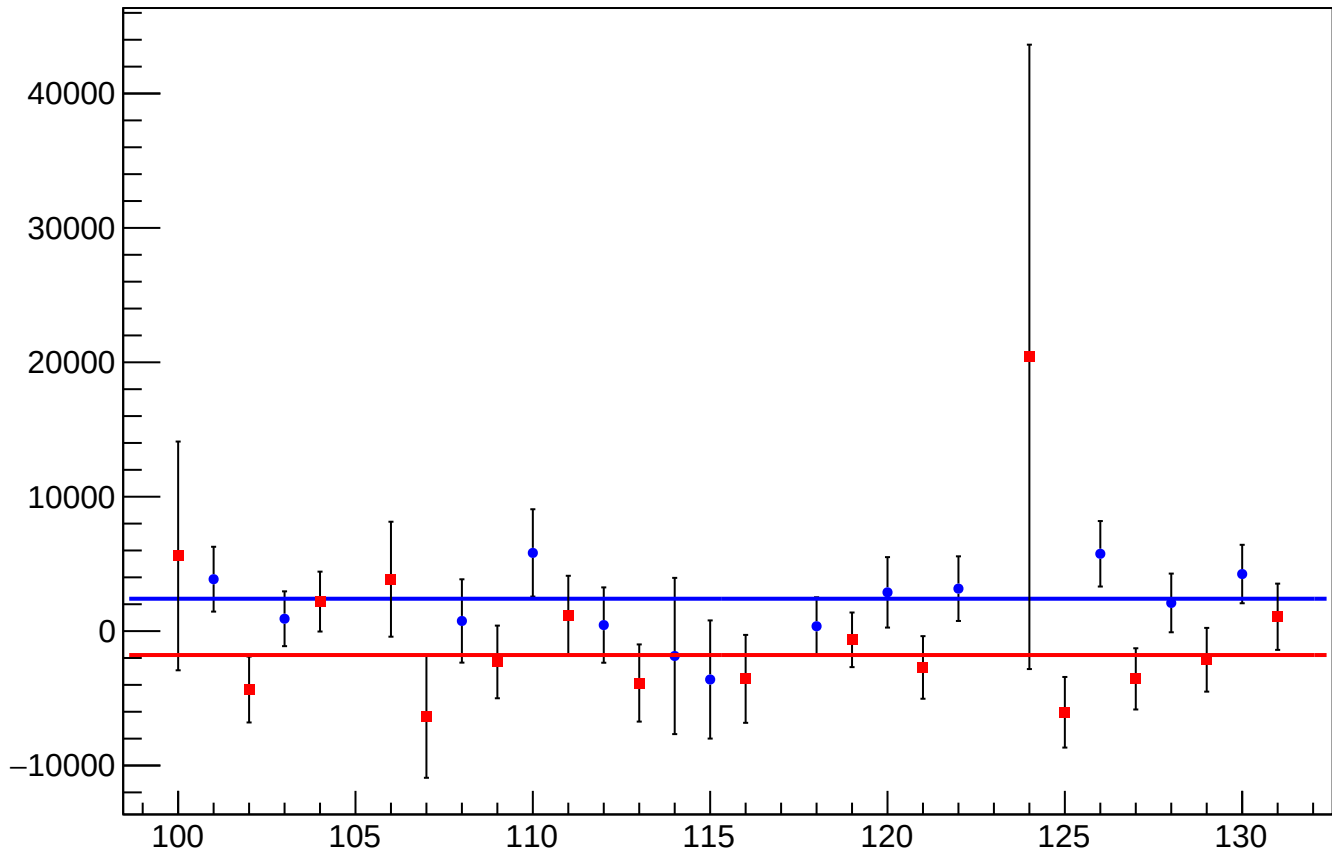
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3618969.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_mean vs Slug



Right In: 2409.425+/-717.305 χ^2/NDF : 8.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1779.579+/-697.178 χ^2/NDF : 15.6/15

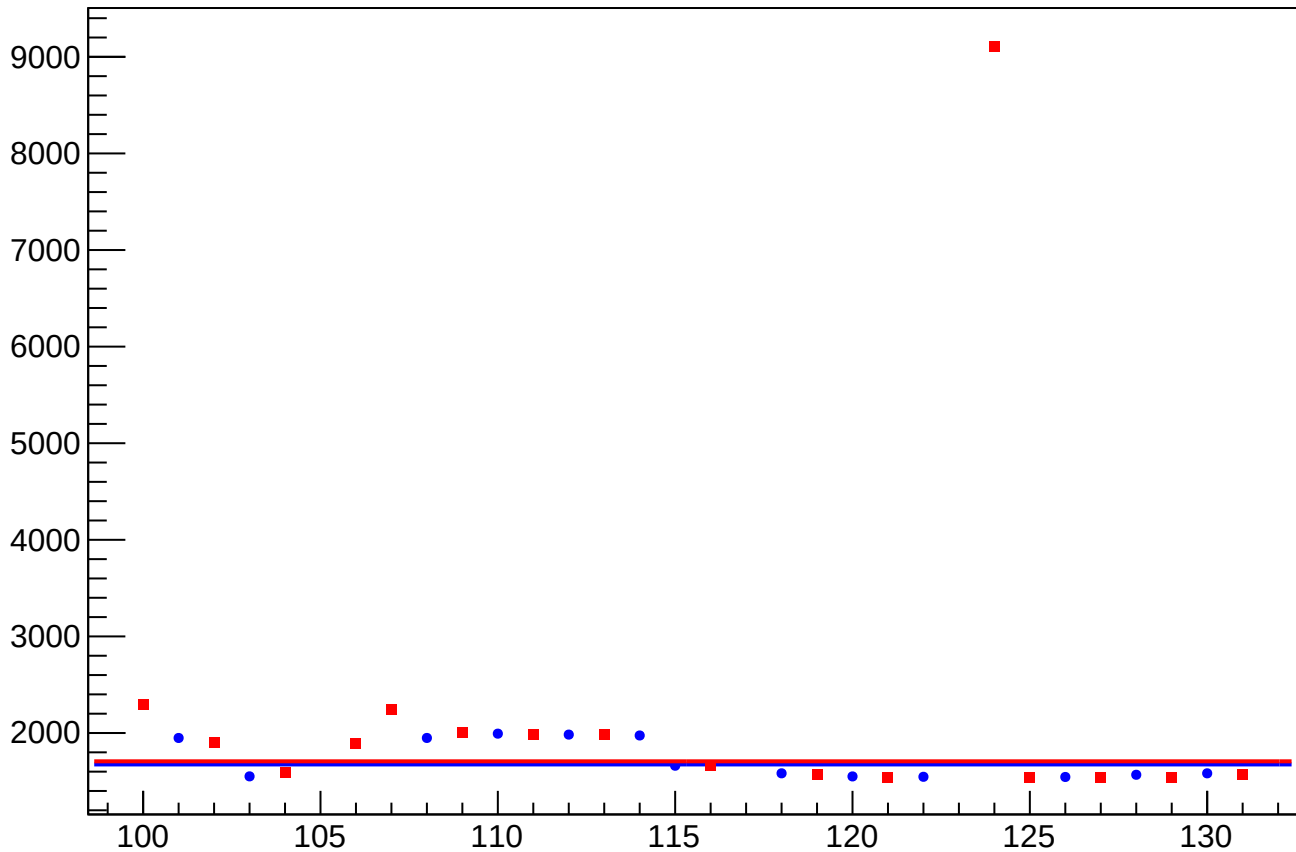
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 255.329+/-499.944 χ^2/NDF : 41.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_rms vs Slug



Right In: 1674.607 $\pm$ 0.507 χ^2 /NDF: 125474.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1707.053 $\pm$ 0.490 χ^2 /NDF: 378133.4/15

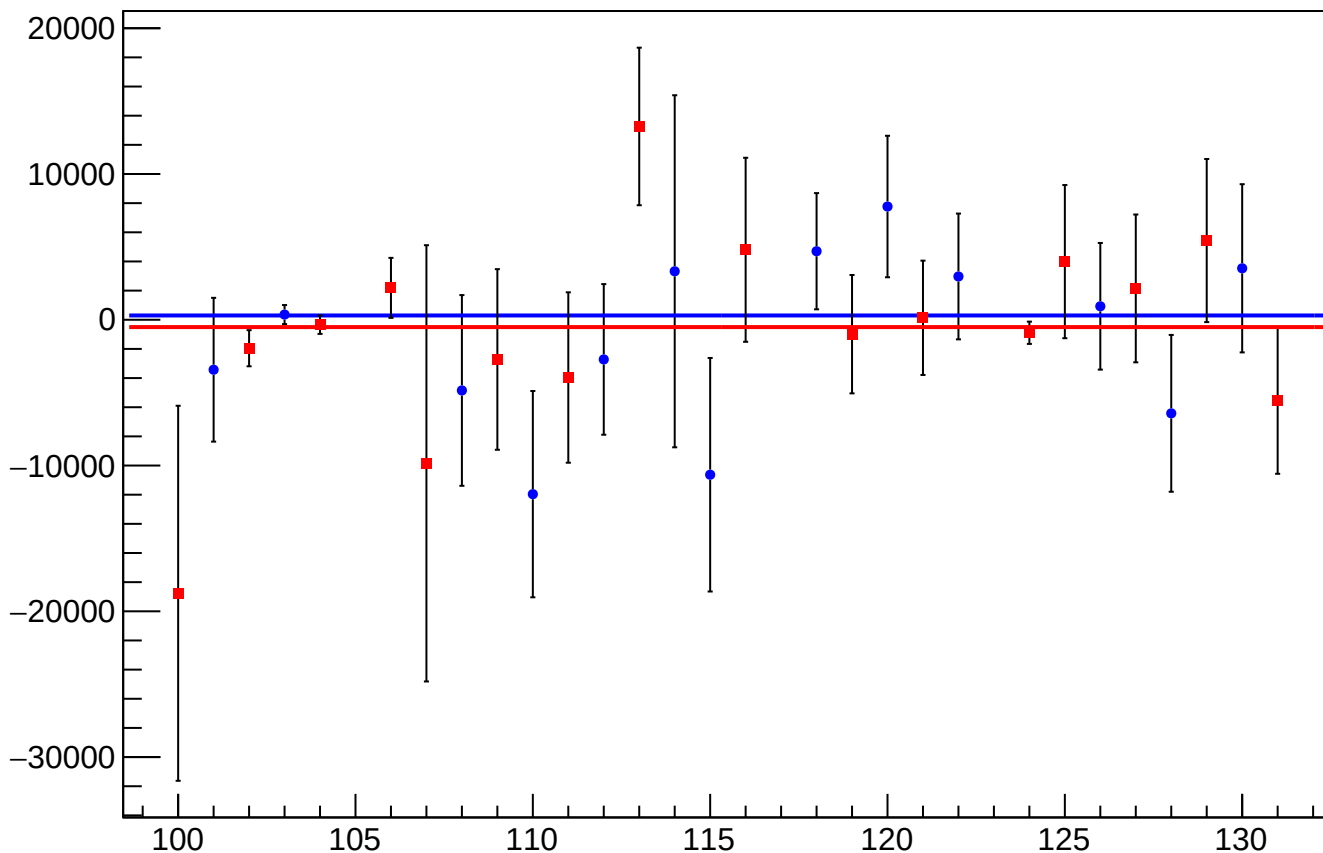
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1691.382 $\pm$ 0.352 χ^2 /NDF: 505724.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_reg_correction_mean vs Slug



Right In: 294.670 $\pm$ 602.024 χ^2 /NDF: 12.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -502.239 $\pm$ 426.898 χ^2 /NDF: 16.7/15

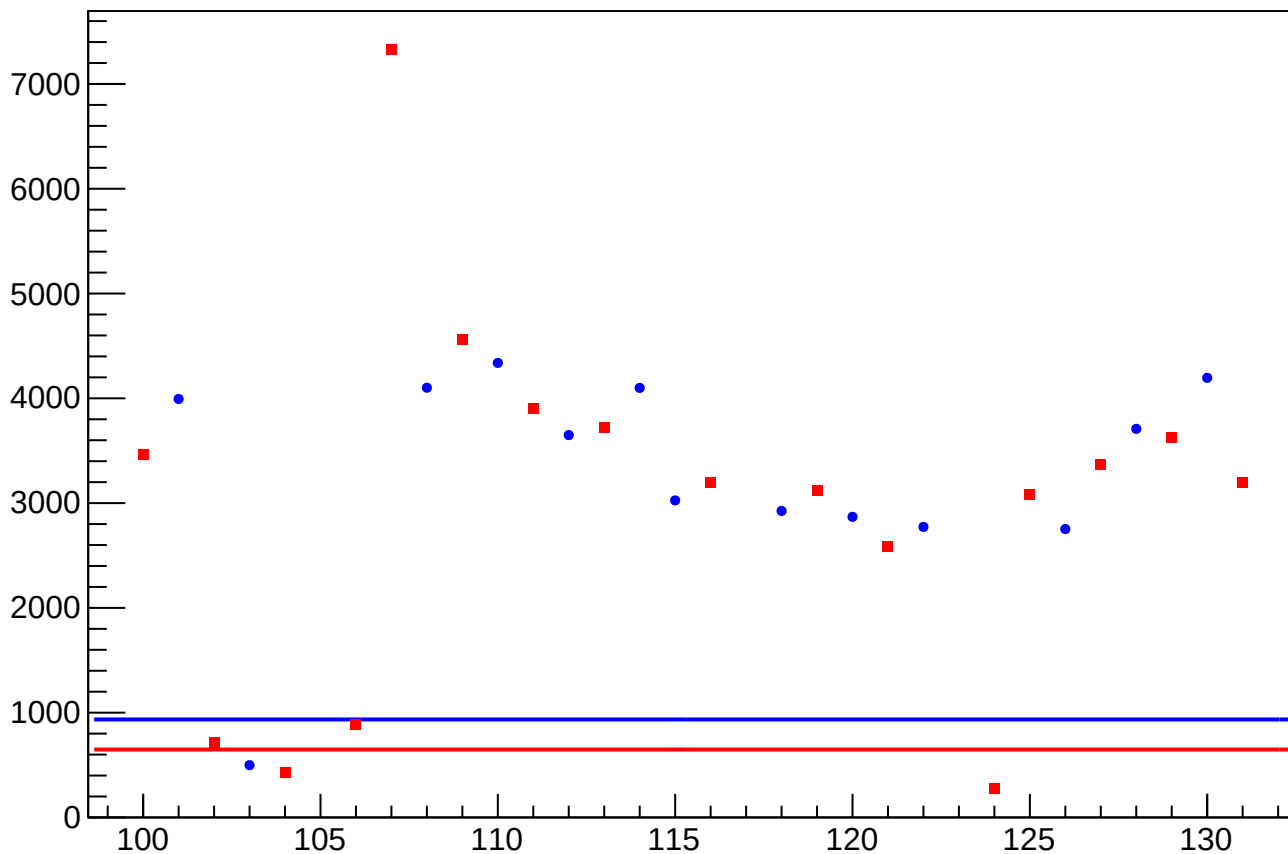
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -235.602 $\pm$ 348.232 χ^2 /NDF: 30.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_reg_correction_rms vs Slug



Right In: 935.095+/-0.426 χ^2/NDF : 6114799.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 648.265+/-0.302 χ^2/NDF : 6936518.2/15

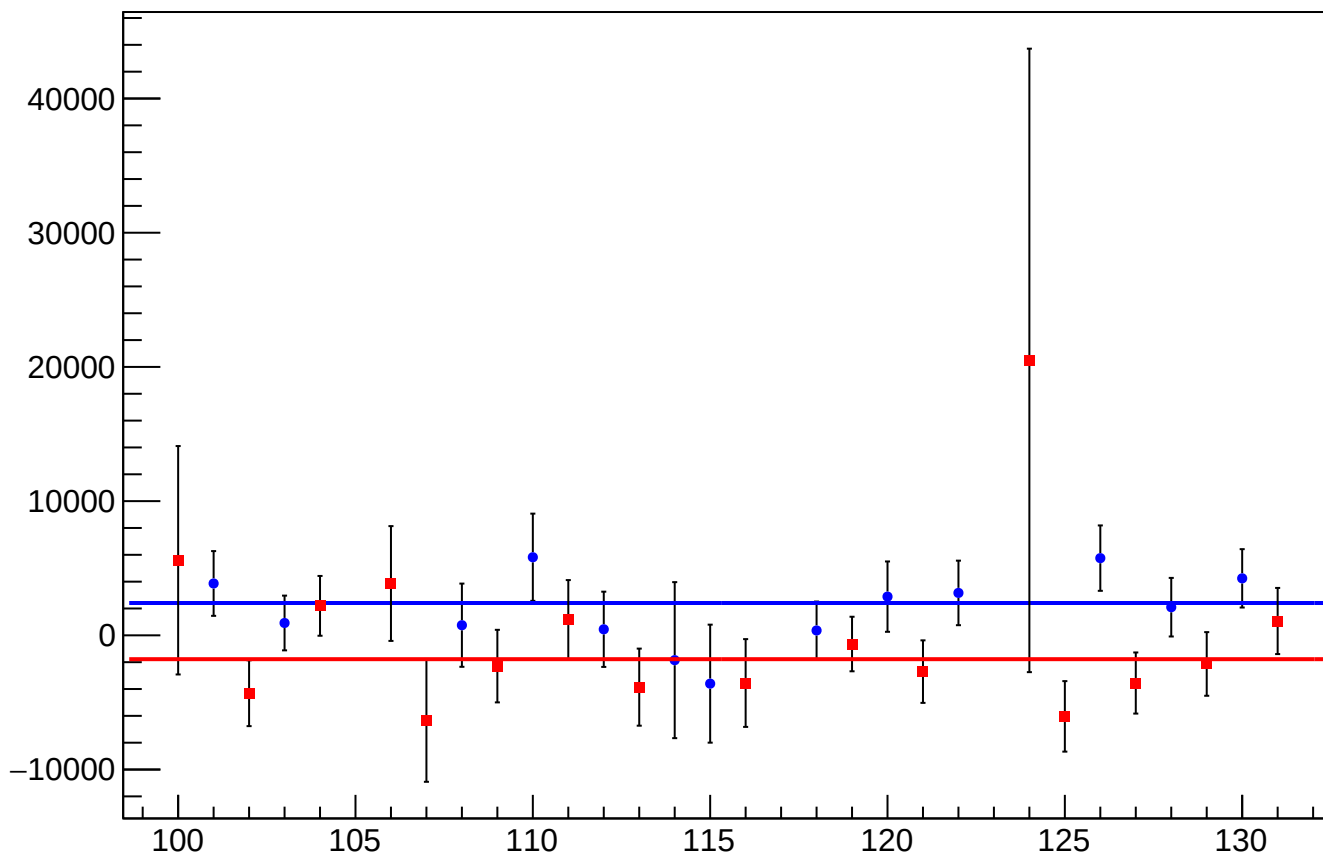
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 744.235+/-0.246 χ^2/NDF : 13353412.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_avg_mean vs Slug



Right In: 2409.654+/-717.305 χ^2/NDF : 8.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1776.628+/-697.185 χ^2/NDF : 15.5/15

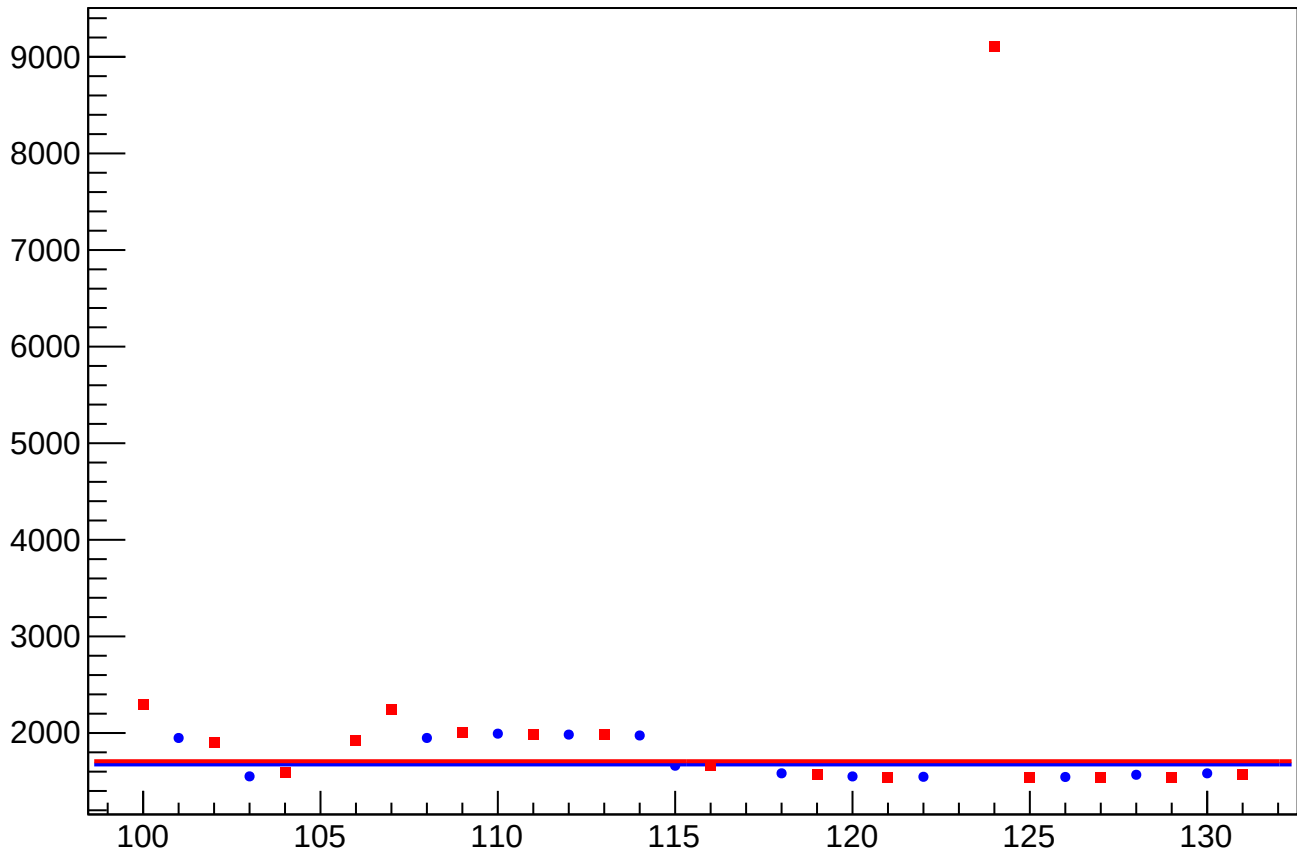
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 256.977+/-499.946 χ^2/NDF : 41.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_avg_rms vs Slug



Right In: 1674.606 $\pm$ 0.507 χ^2 /NDF: 125475.0/12

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

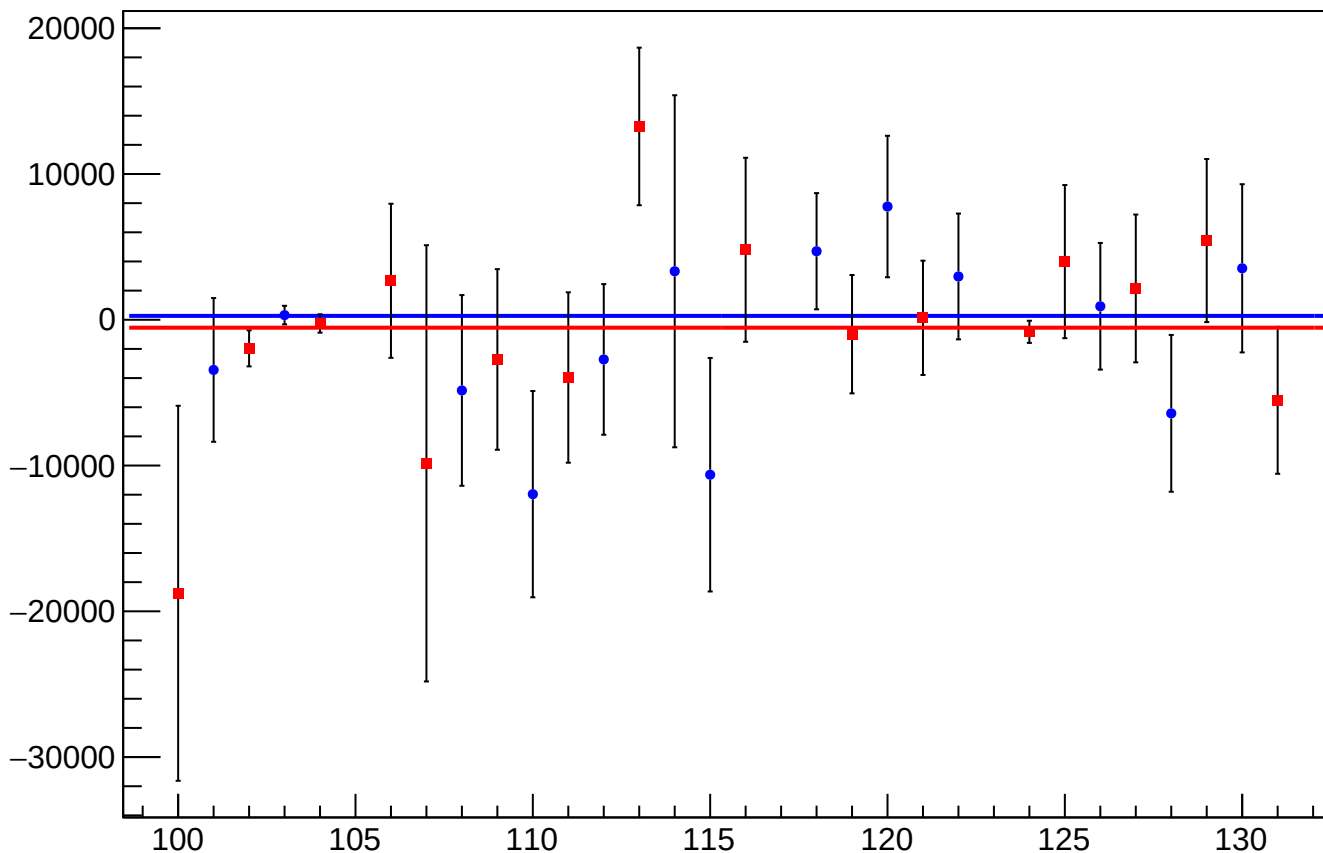
Right Out: 1708.021 $\pm$ 0.491 χ^2 /NDF: 379967.2/15

All: 1691.873 $\pm$ 0.353 χ^2 /NDF: 507684.8/28

- 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_cor_correction_mean vs Slug



Right In: 266.853+/-589.129 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -542.493+/-432.825 χ^2/NDF : 15.3/15

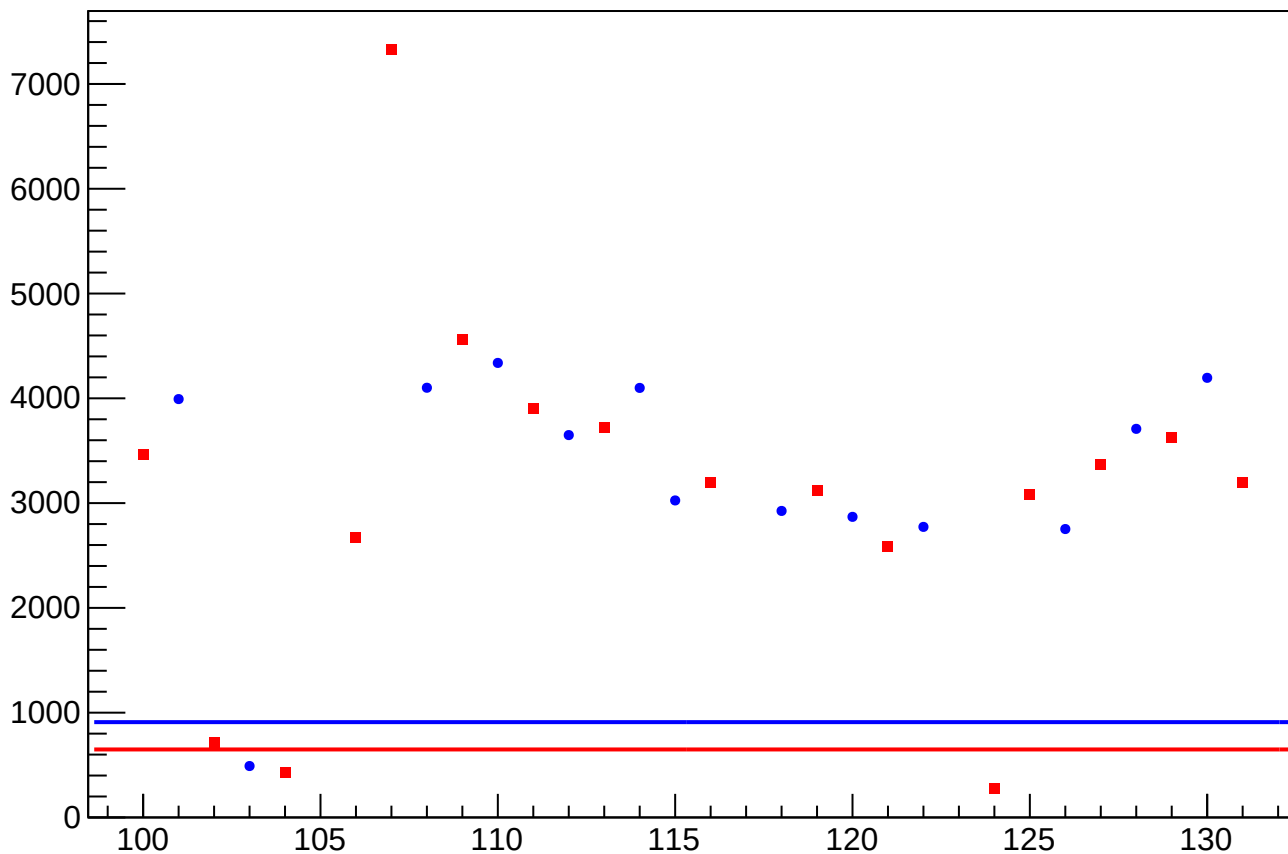
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -258.776+/-348.807 χ^2/NDF : 28.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_cor_correction_rms vs Slug



Right In: 909.664 $\pm$ 0.417 χ^2 /NDF: 6192696.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 648.916 $\pm$ 0.306 χ^2 /NDF: 7216380.3/15

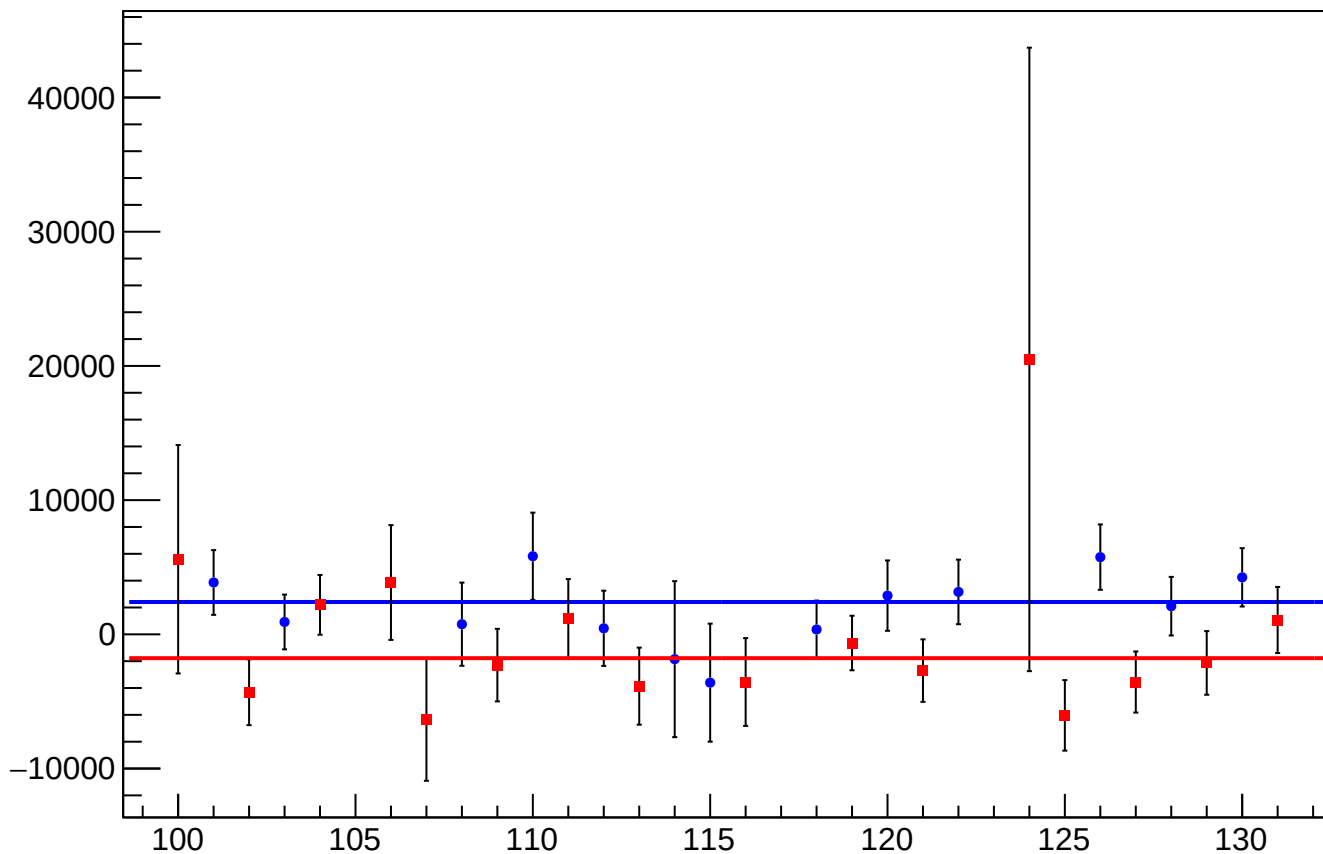
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 740.321 $\pm$ 0.247 χ^2 /NDF: 13663523.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl_avg_mean vs Slug



Right In: 2409.654+/-717.305 χ^2/NDF : 8.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1776.628+/-697.185 χ^2/NDF : 15.5/15

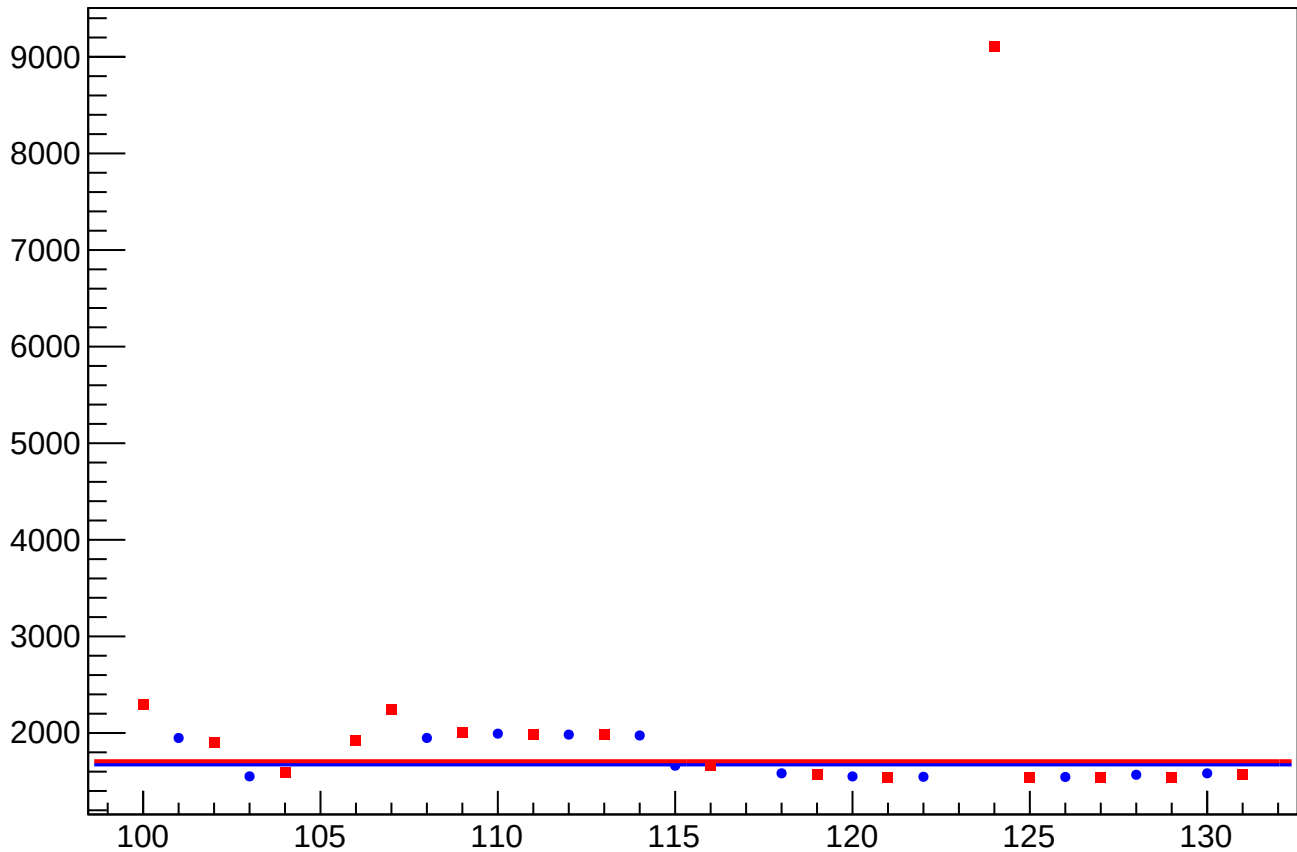
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 256.977+/-499.946 χ^2/NDF : 41.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_avg_rms vs Slug



Right In: 1674.606 $\pm$ 0.507 χ^2 /NDF: 125475.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1708.021 $\pm$ 0.491 χ^2 /NDF: 379967.2/15

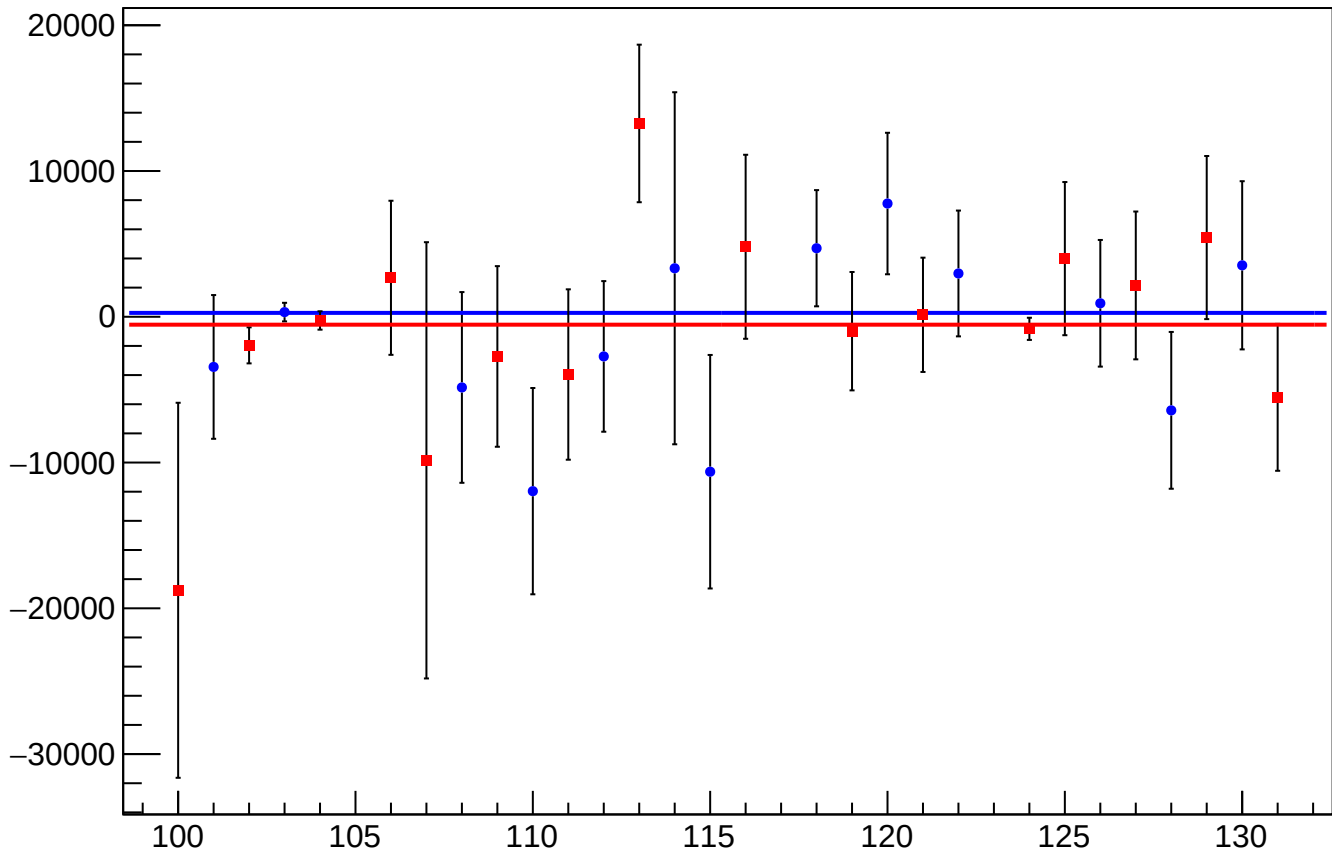
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1691.873 $\pm$ 0.353 χ^2 /NDF: 507684.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_eigen_cor_correction_mean vs Slug



Right In: 266.853+/-589.129 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -542.493+/-432.825 χ^2/NDF : 15.3/15

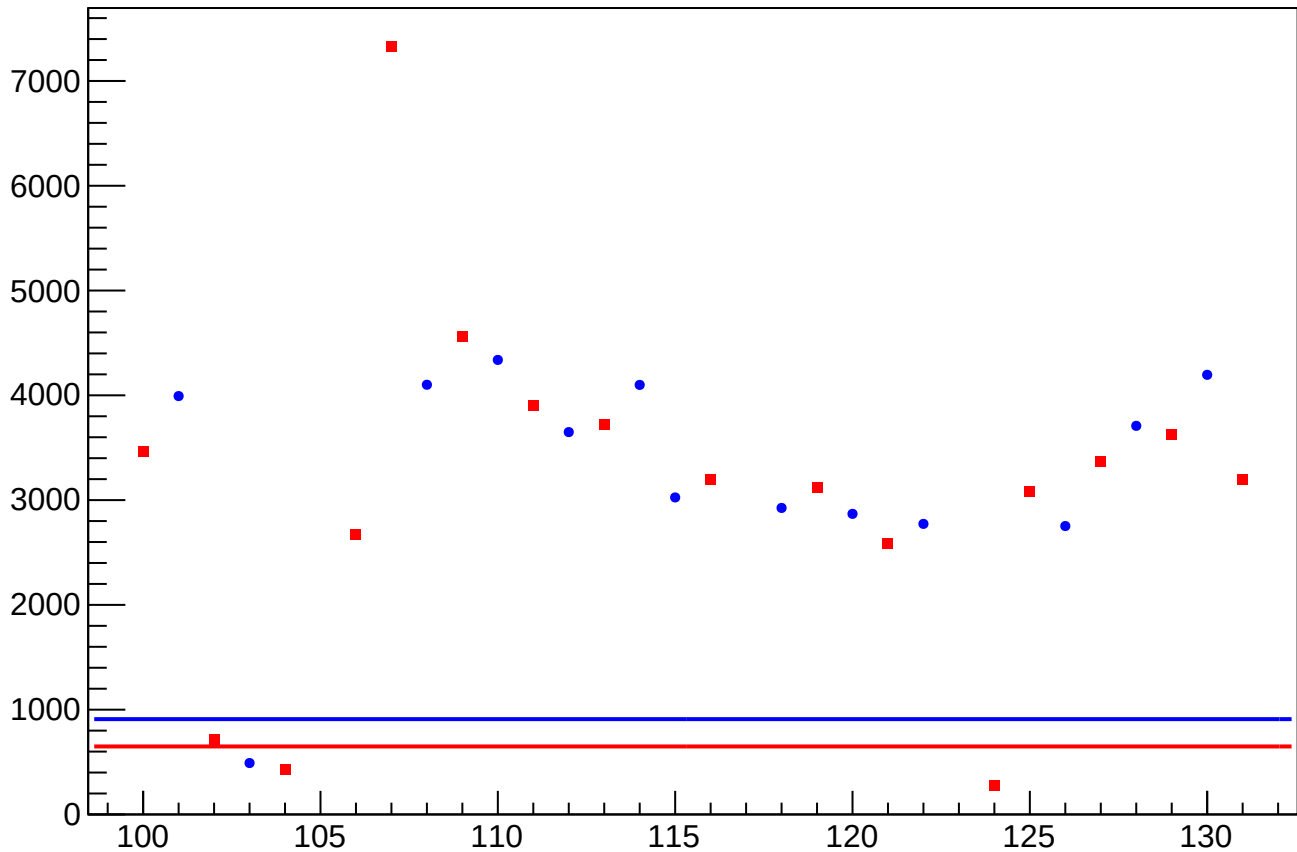
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -258.776+/-348.807 χ^2/NDF : 28.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_cor_correction_rms vs Slug



Right In: 909.664 $\pm$ 0.417 χ^2 /NDF: 6192696.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 648.916 $\pm$ 0.306 χ^2 /NDF: 7216380.3/15

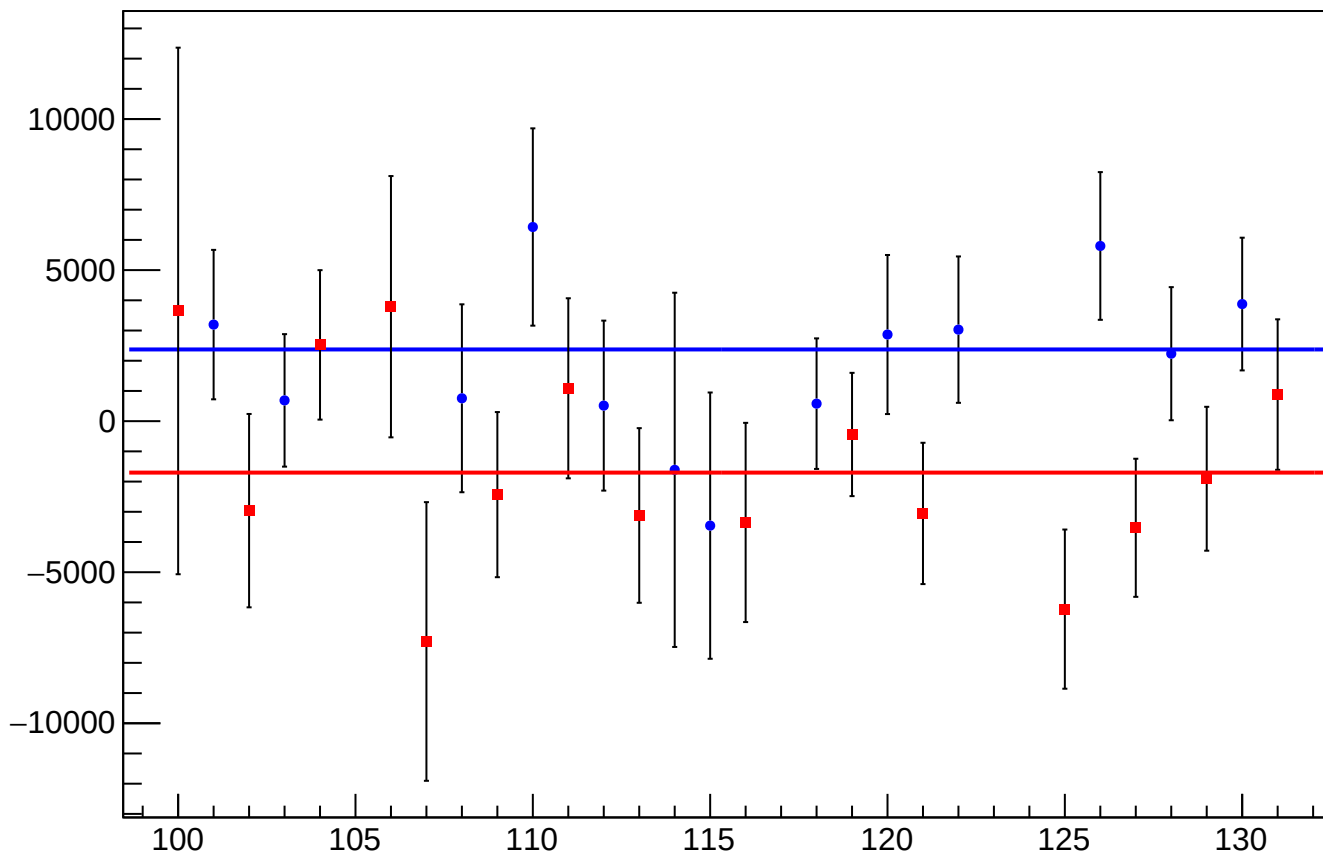
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 740.321 $\pm$ 0.247 χ^2 /NDF: 13663523.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl_avg_mean vs Slug



Right In: 2373.685 $\pm$ 728.350 χ^2 /NDF: 8.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1702.768 $\pm$ 720.006 χ^2 /NDF: 13.4/14

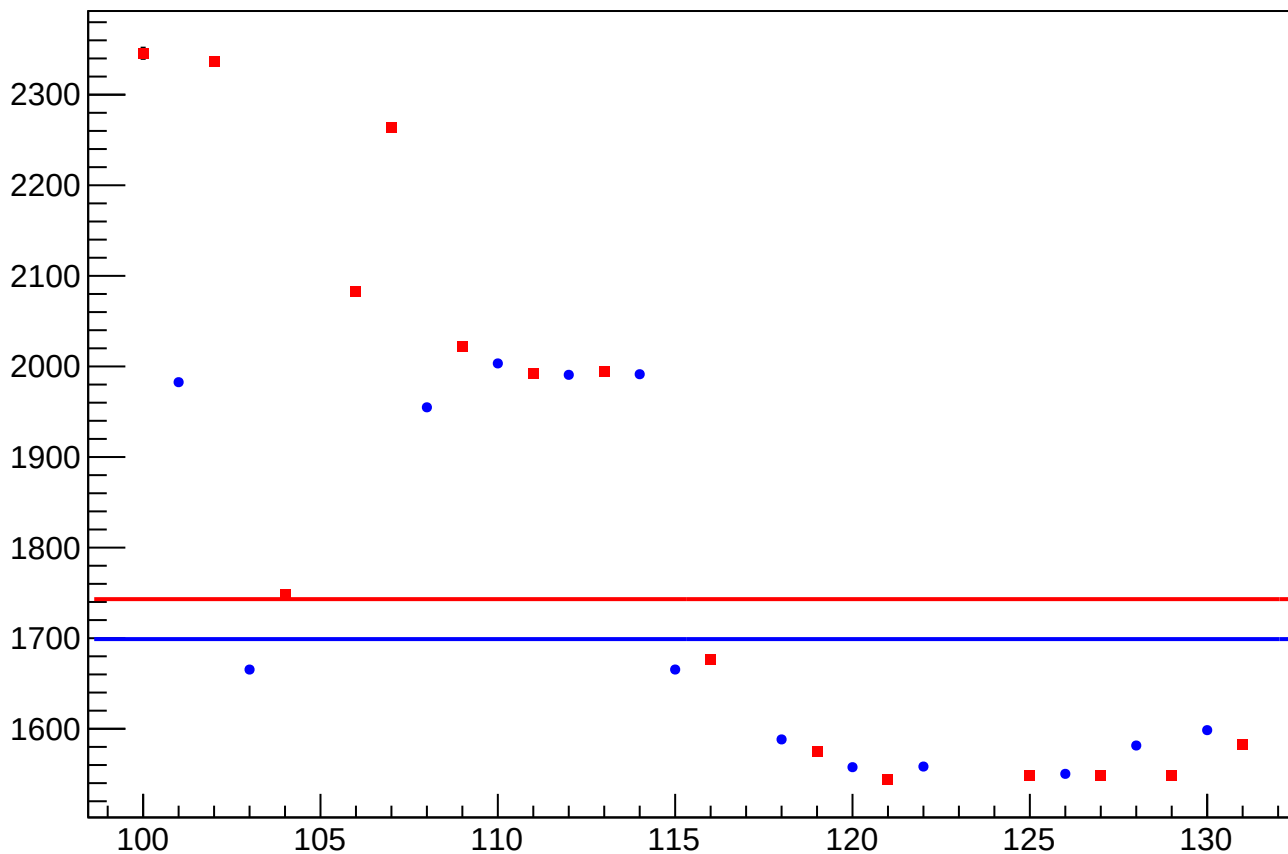
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 311.973 $\pm$ 512.046 χ^2 /NDF: 37.6/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl_avg_rms vs Slug



Right In: 1699.008+/-0.515 χ^2/NDF : 119326.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1743.122+/-0.508 χ^2/NDF : 244559.4/14

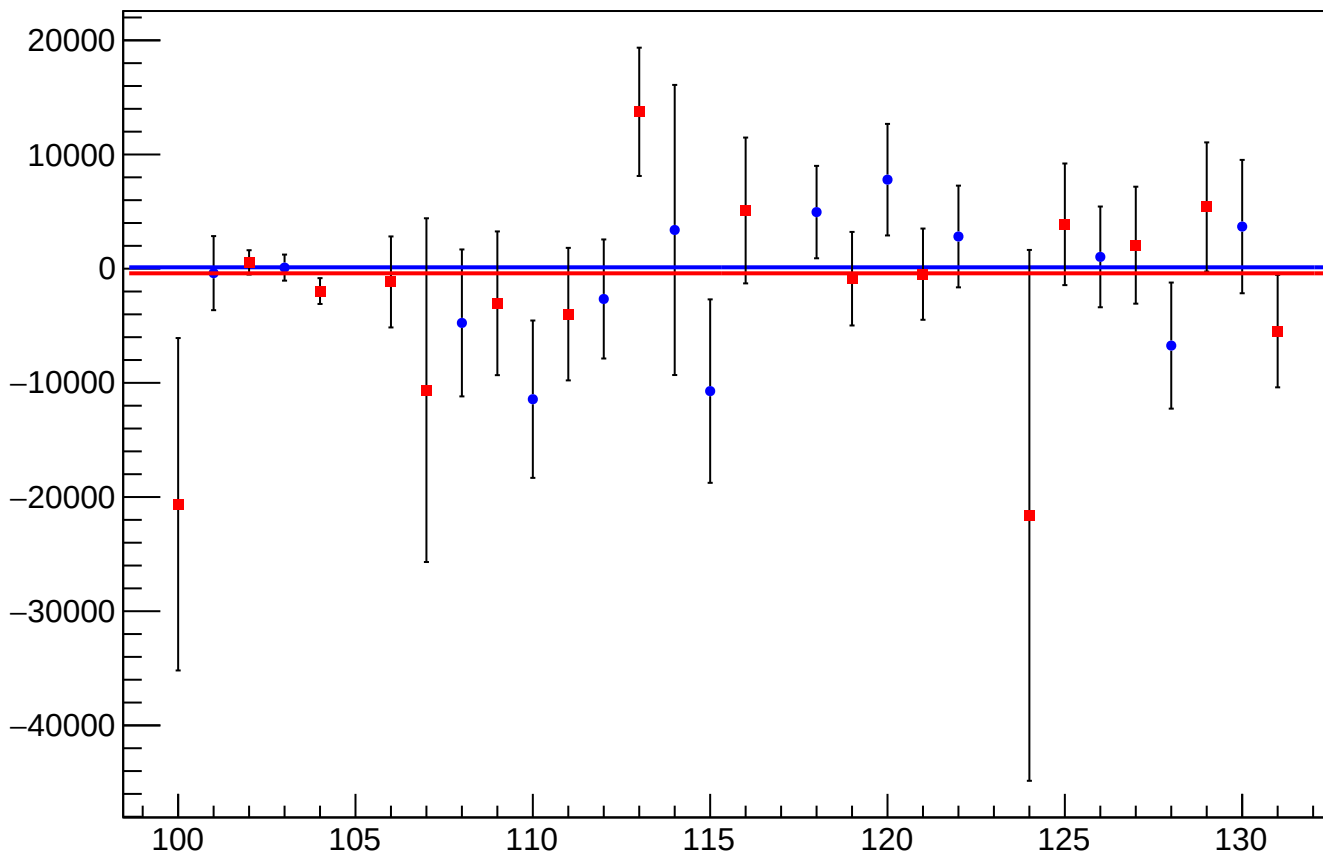
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1721.379+/-0.362 χ^2/NDF : 367606.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_dit_correction_mean vs Slug



Right In: 120.220 $\pm$ 900.435 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -406.961 $\pm$ 687.538 χ^2 /NDF: 16.6/15

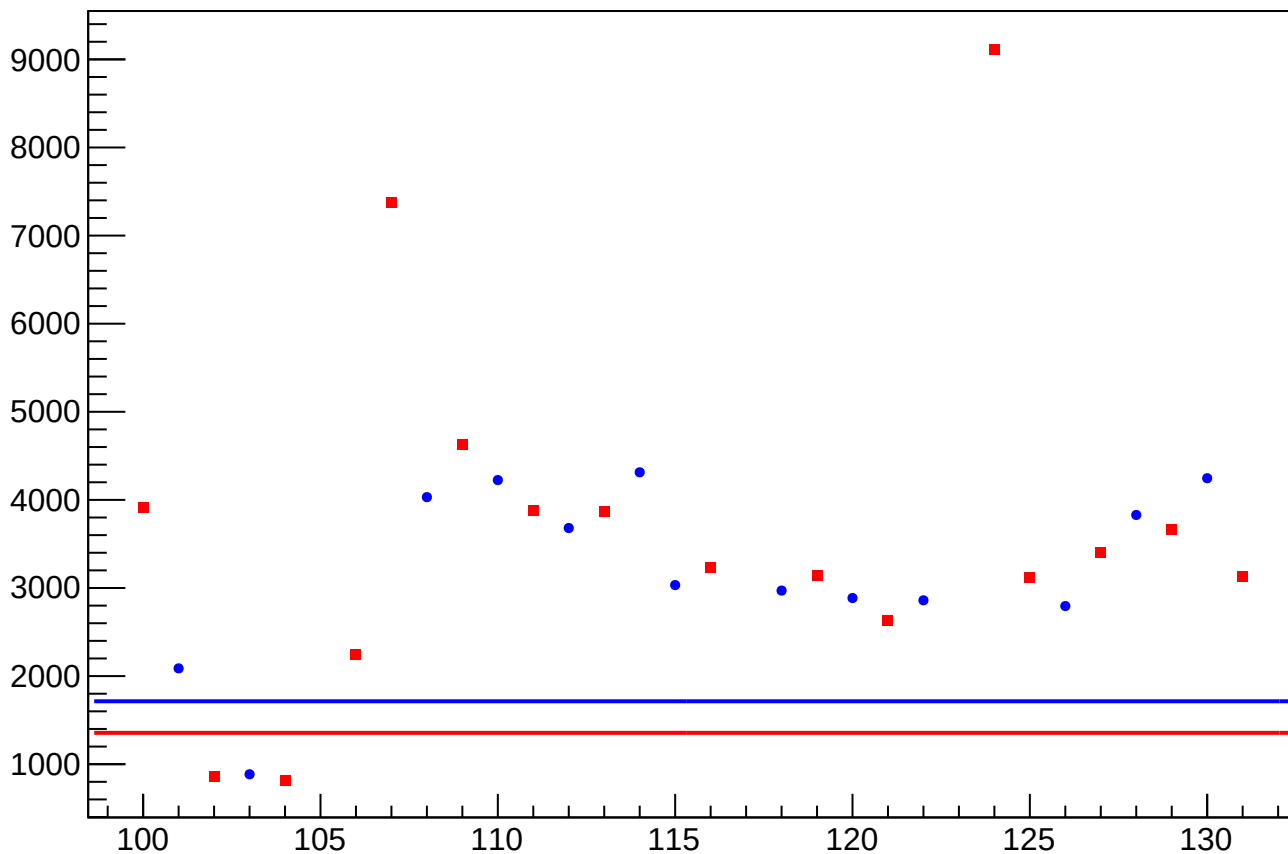
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -212.801 $\pm$ 546.452 χ^2 /NDF: 28.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_dit_correction_rms vs Slug



Right In: 1714.075+/-0.637 χ^2/NDF : 3257288.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

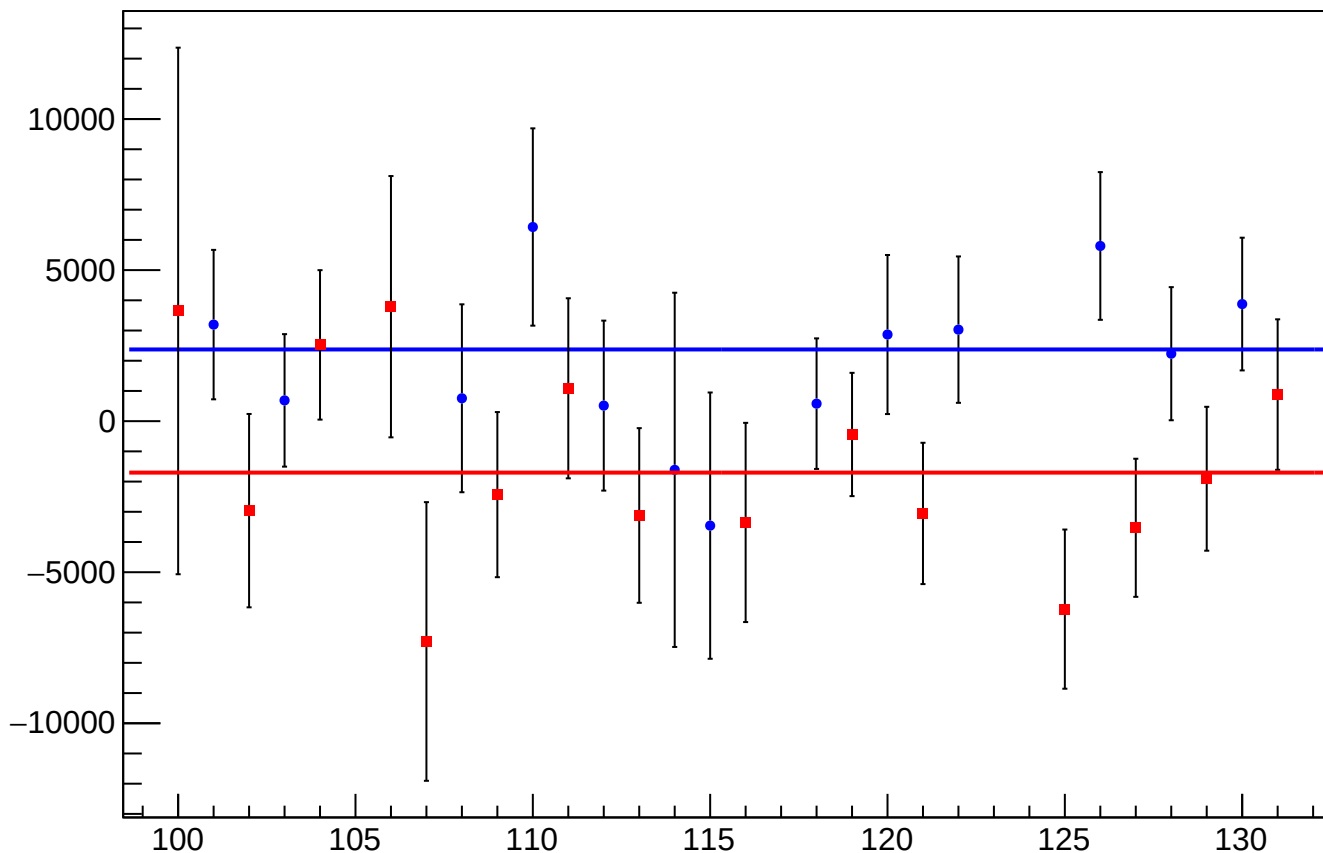
Right Out: 1355.997+/-0.486 χ^2/NDF : 4814681.1/15

All: 1487.877+/-0.386 χ^2/NDF : 8271769.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_avg_mean vs Slug



Right In: 2373.686 $\pm$ 728.350 χ^2 /NDF: 8.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1702.768 $\pm$ 720.005 χ^2 /NDF: 13.4/14

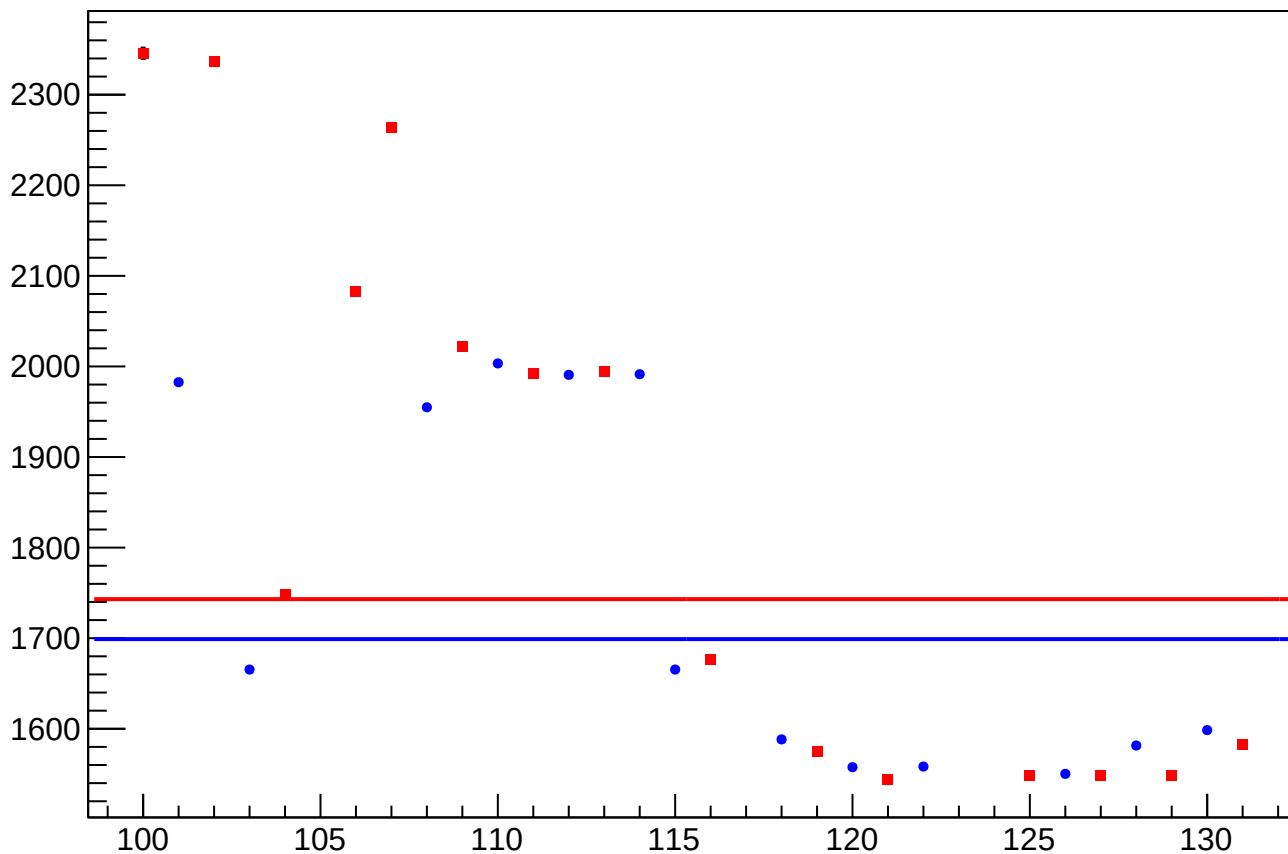
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 311.974 $\pm$ 512.045 χ^2 /NDF: 37.6/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atl_avg_rms vs Slug



Right In: 1699.008 $\pm$ 0.515 χ^2 /NDF: 119326.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1743.122 $\pm$ 0.508 χ^2 /NDF: 244558.8/14

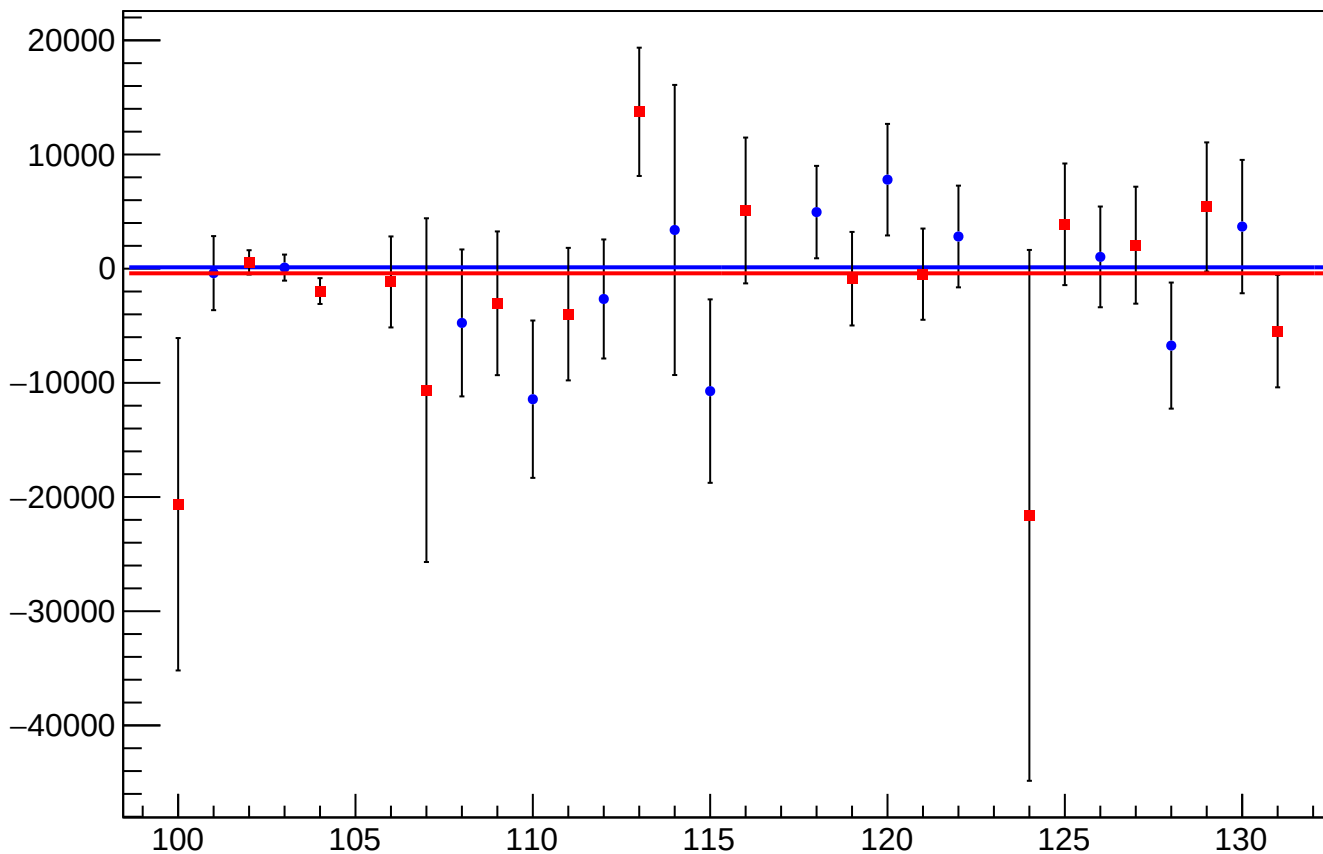
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1721.379 $\pm$ 0.362 χ^2 /NDF: 367606.3/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_eigen_dit_correction_mean vs Slug



Right In: 120.221+/-900.428 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -406.960+/-687.532 χ^2/NDF : 16.6/15

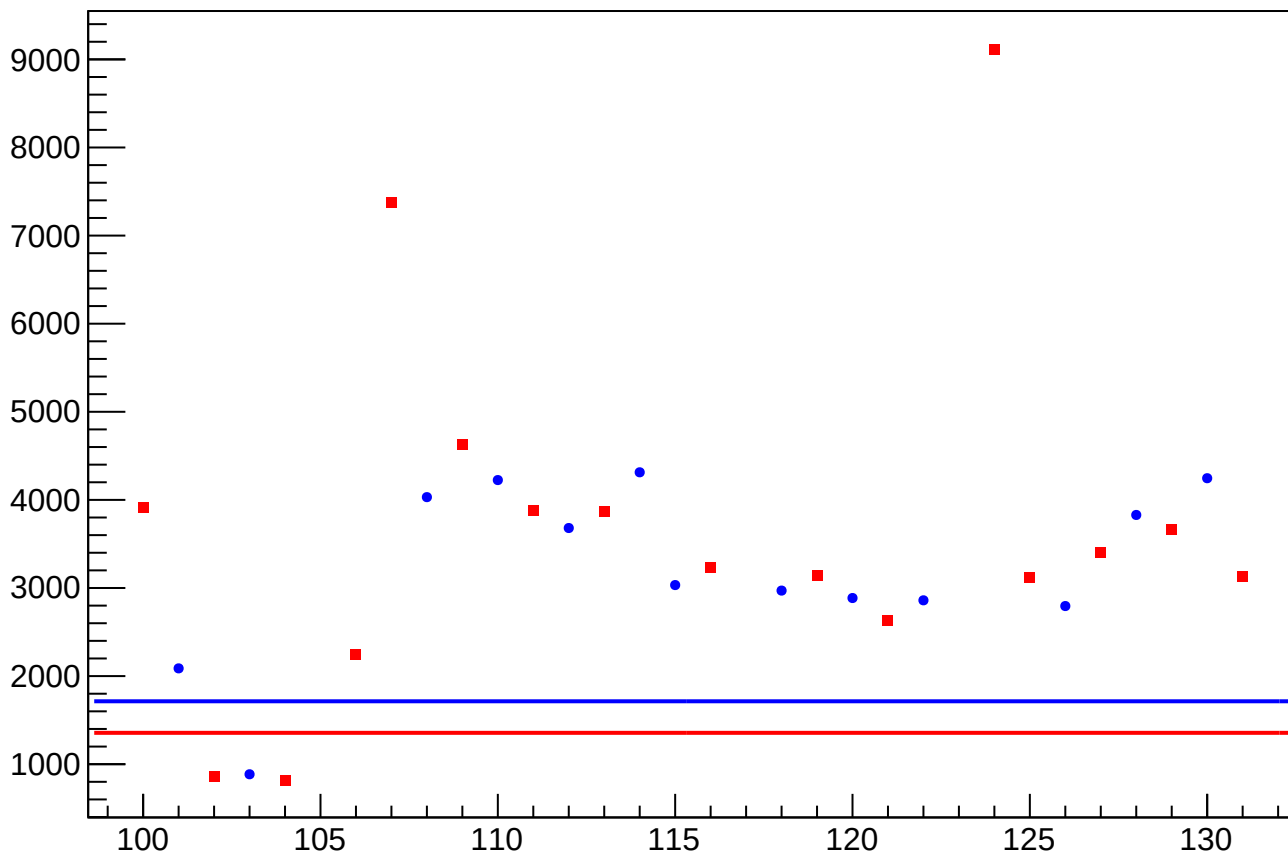
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -212.800+/-546.448 χ^2/NDF : 28.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_dit_correction_rms vs Slug



Right In: 1714.060+/-0.637 χ^2/NDF : 3257310.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1355.984+/-0.486 χ^2/NDF : 4814707.2/15

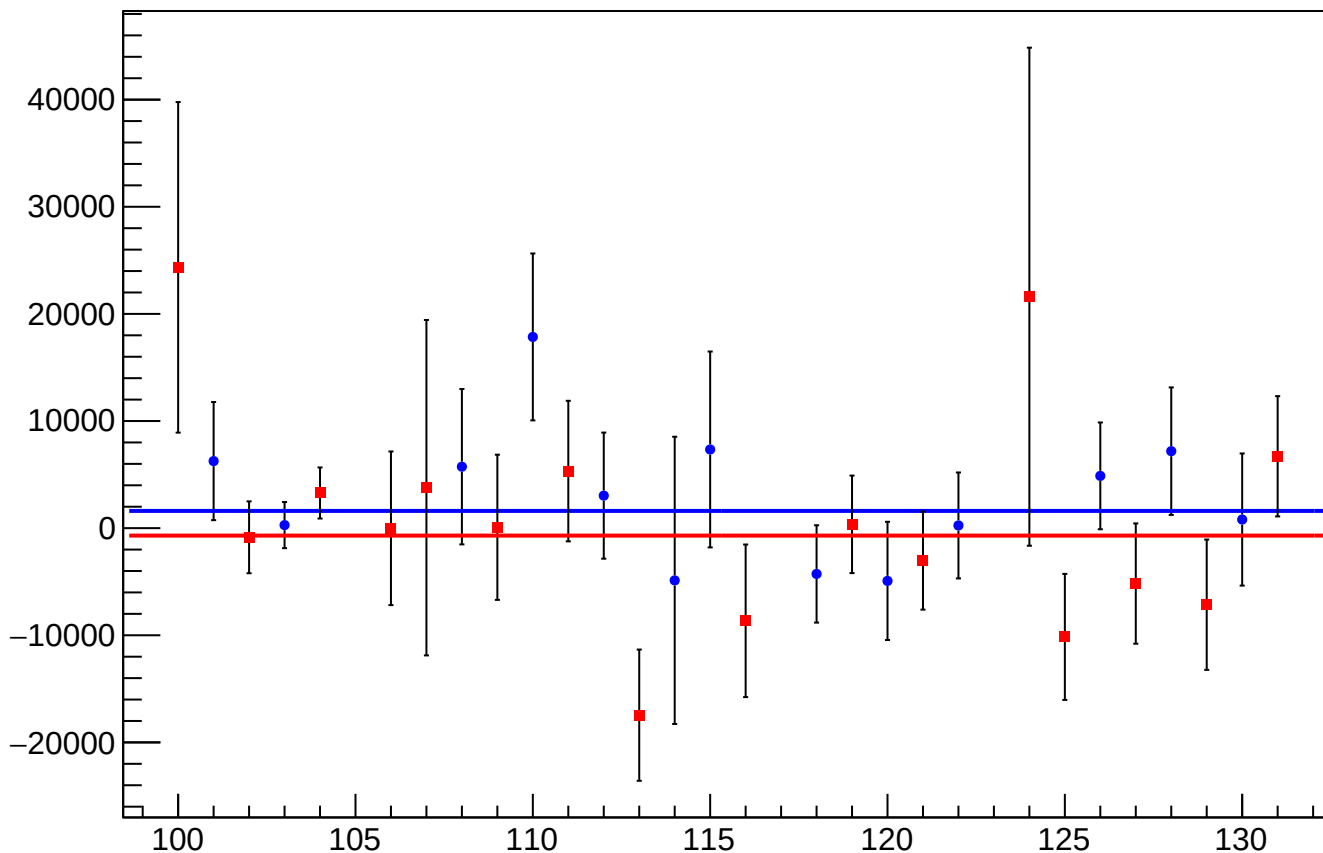
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1487.863+/-0.386 χ^2/NDF : 8271817.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_mean vs Slug



Right In: 1609.250+/-1351.536 χ^2/NDF : 10.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -693.207+/-1289.687 χ^2/NDF : 22.4/15

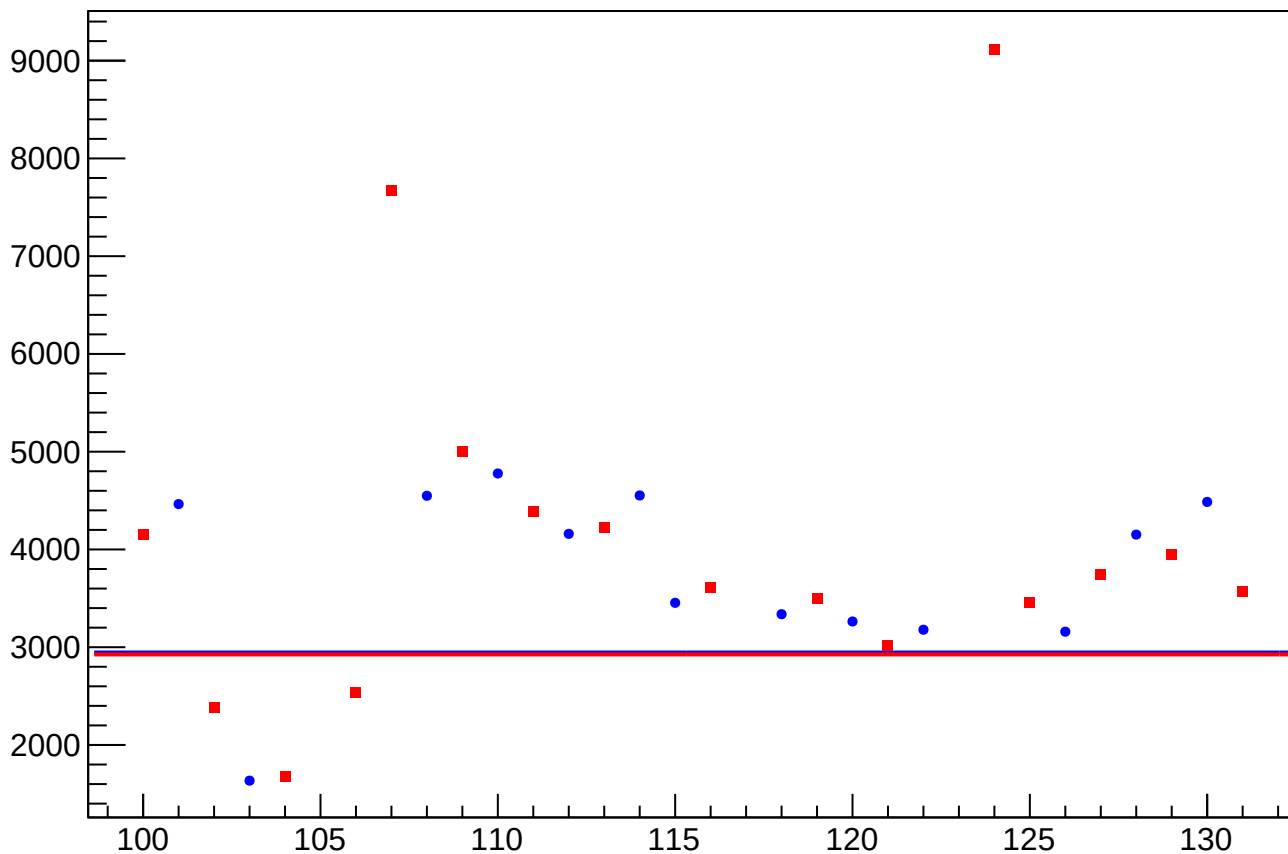
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 404.135+/-933.045 χ^2/NDF : 34.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_rms vs Slug



Right In: 2945.751+/-0.956 χ^2/NDF : 1457700.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2926.040+/-0.897 χ^2/NDF : 1522476.0/15

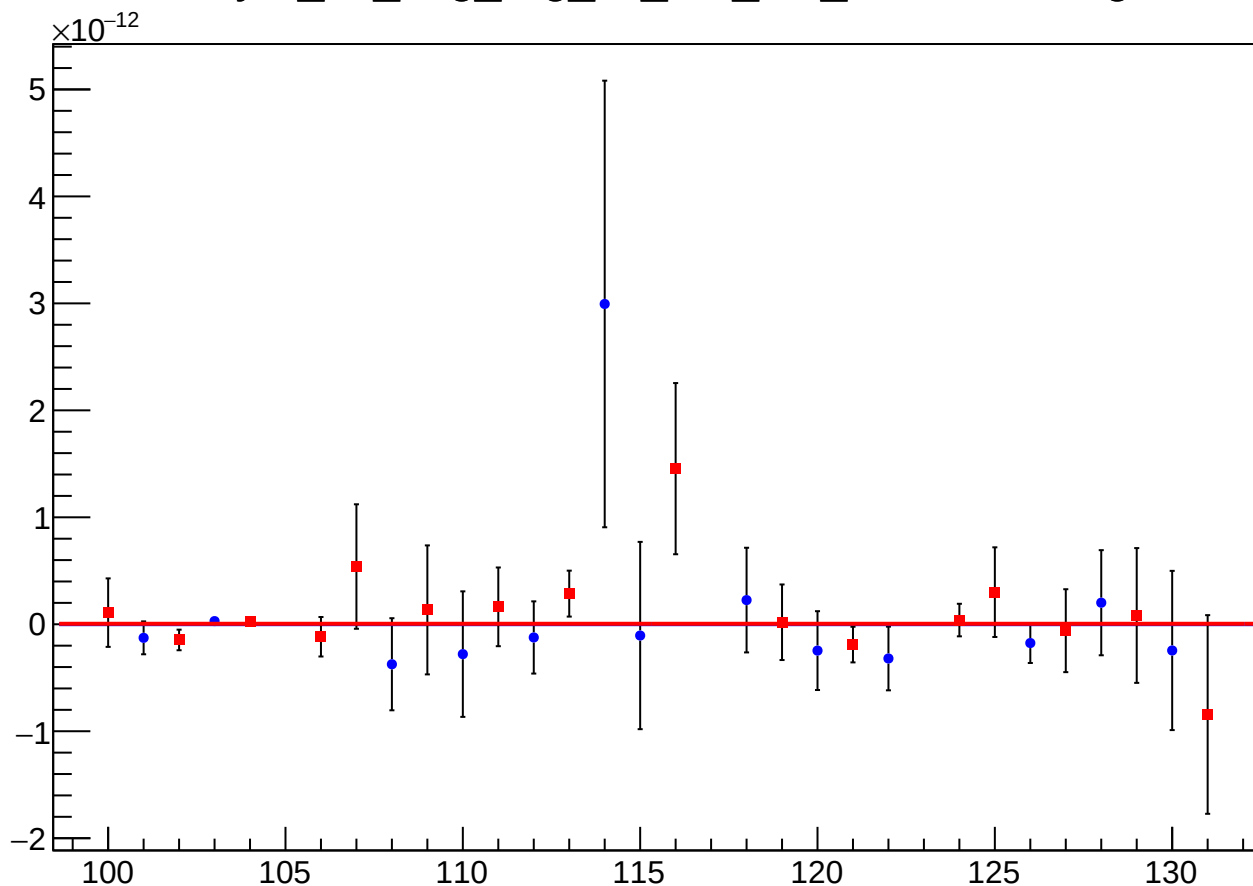
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2935.268+/-0.654 χ^2/NDF : 2980402.6/28

- 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 : 7.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.1/15

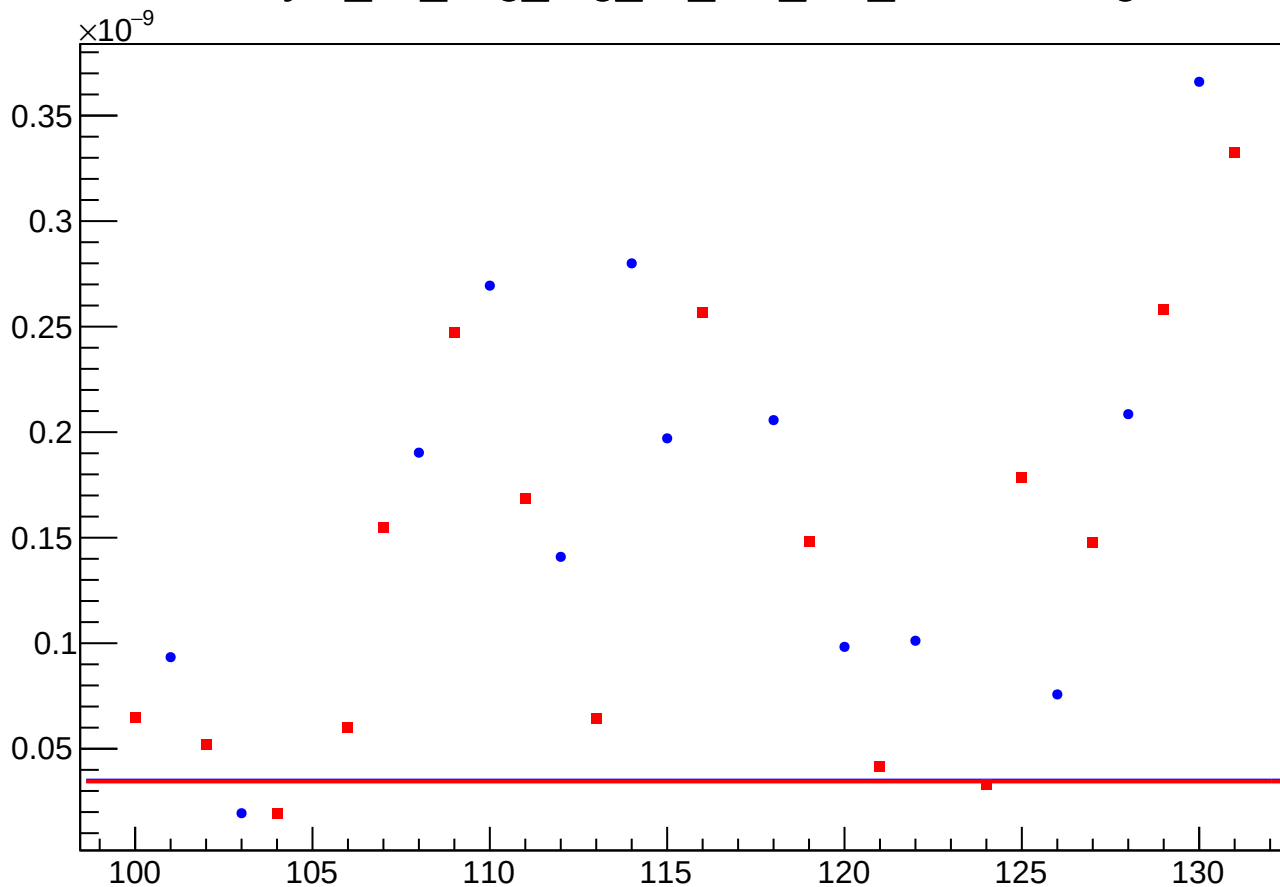
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.5/28

- 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 : 2603729.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2284141.6/15

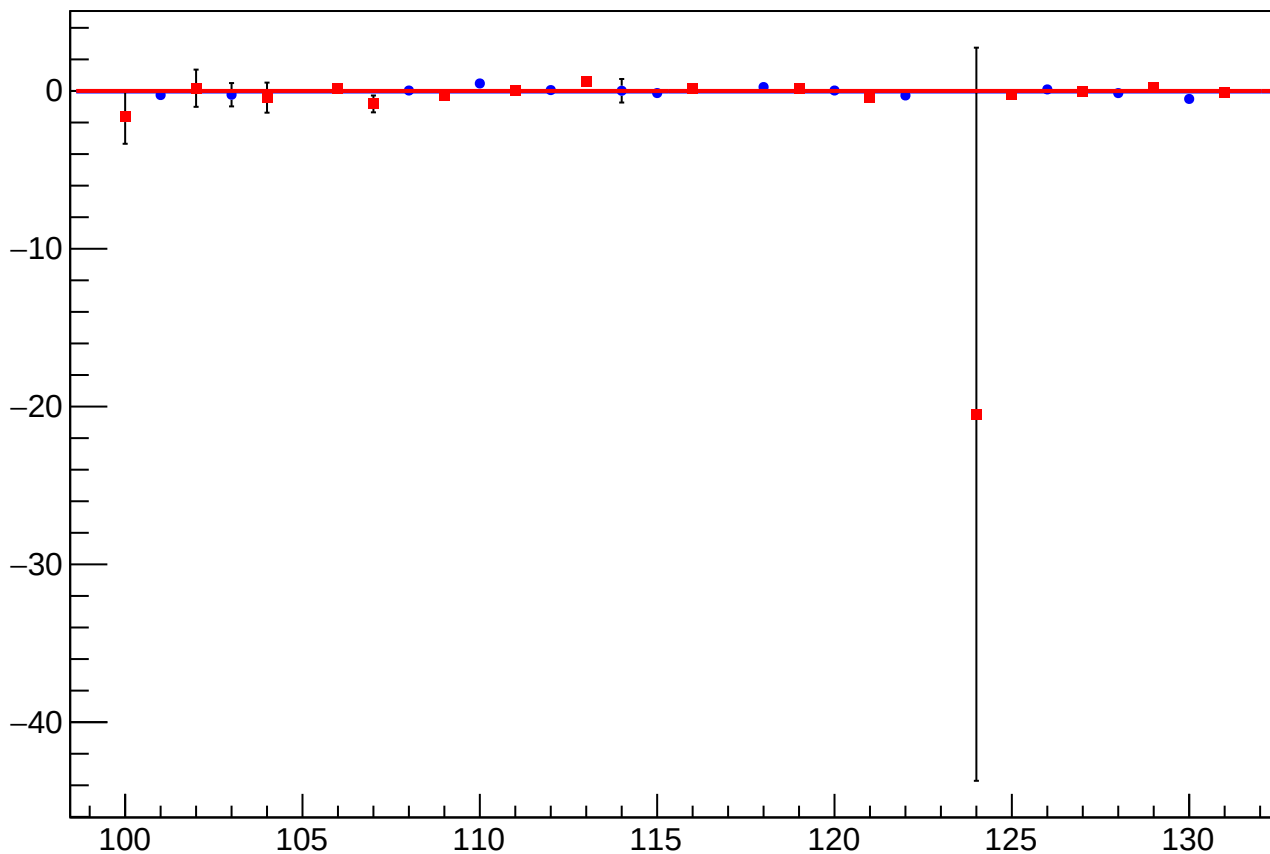
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4887988.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.034 ± 0.063 $\chi^2/\text{NDF}: 14.6/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.001 ± 0.059 $\chi^2/\text{NDF}: 19.8/15$

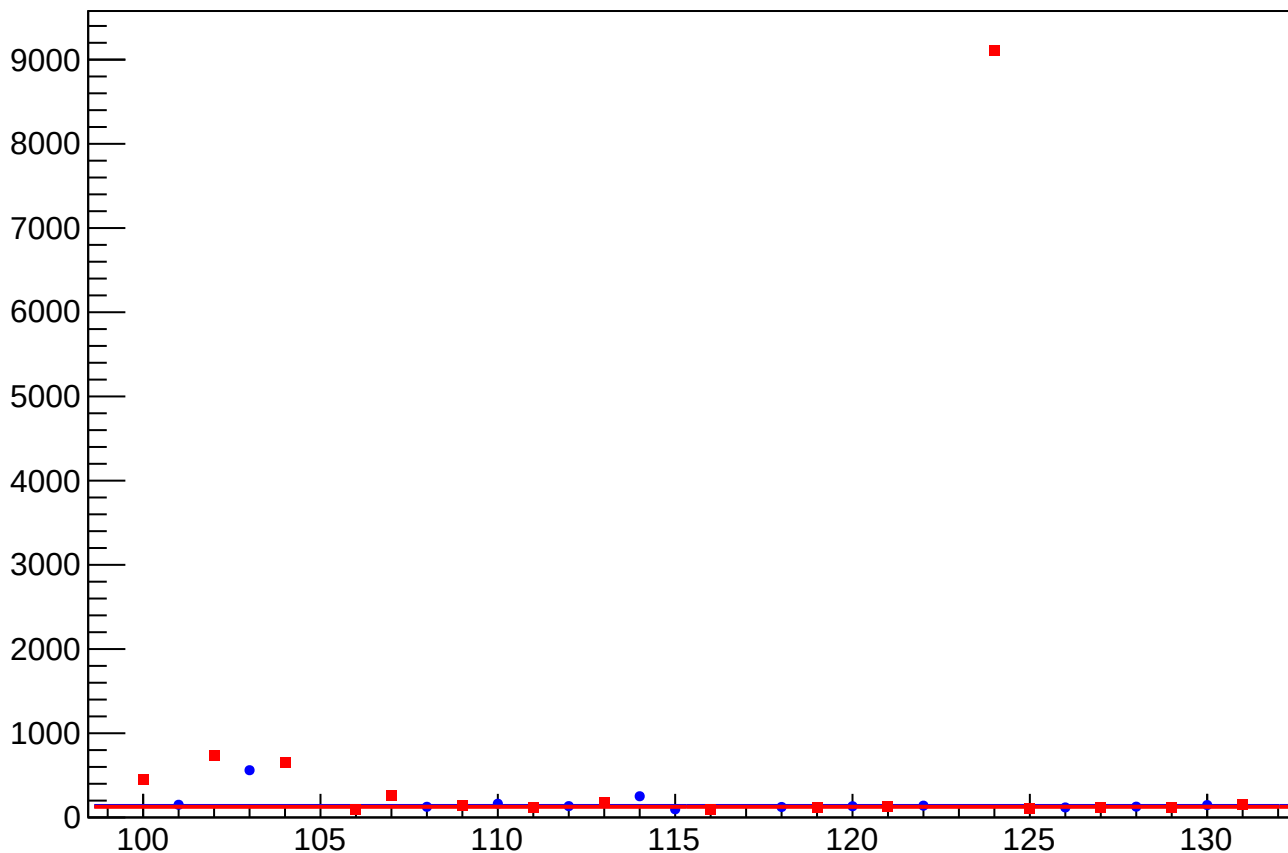
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.015 ± 0.043 $\chi^2/\text{NDF}: 34.6/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_atl_avg_dit_vs_cor_diff_rms vs Slug



Right In: 136.434+/-0.044 χ^2/NDF : 821332.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.487+/-0.042 χ^2/NDF : 1857167.8/15

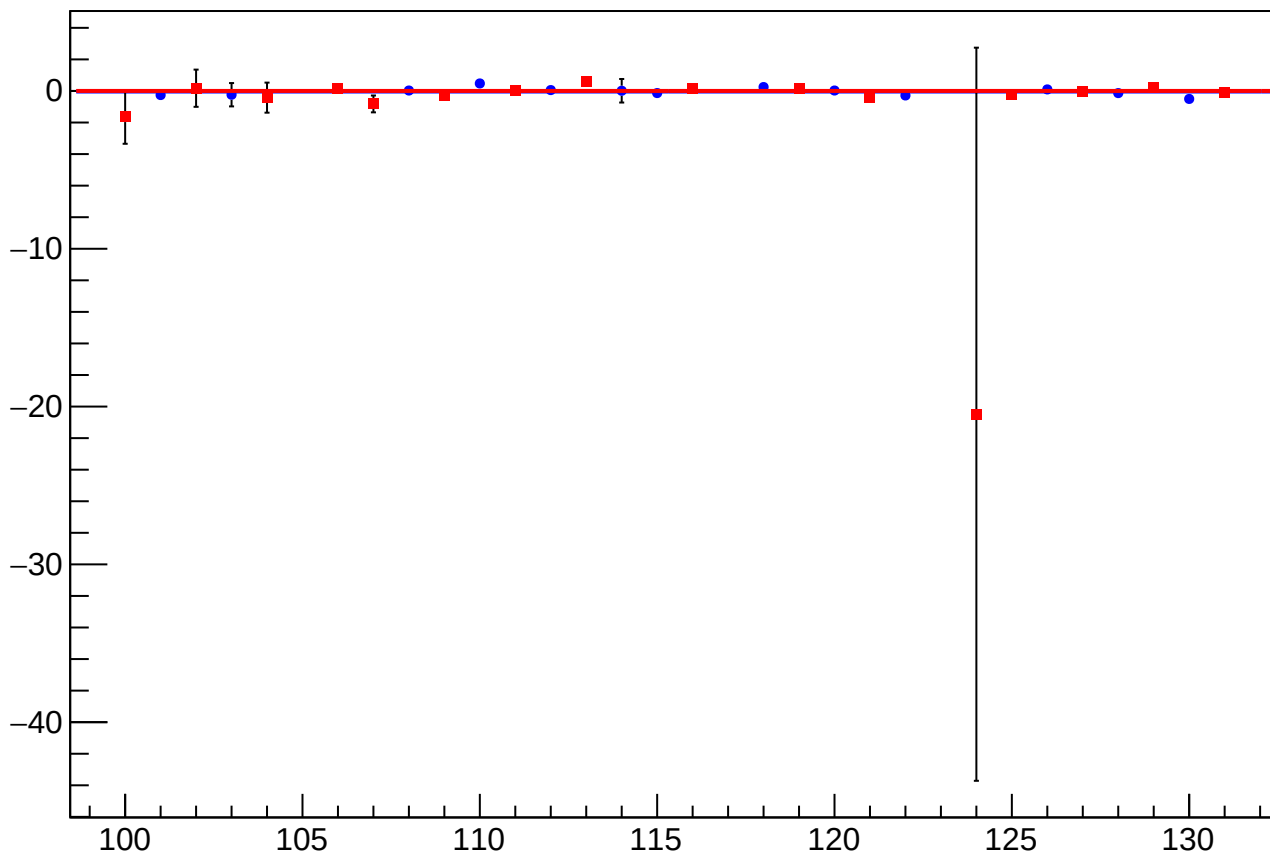
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.139+/-0.030 χ^2/NDF : 2705236.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.034 ± 0.063 χ^2/NDF : 14.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.001 ± 0.059 χ^2/NDF : 19.8/15

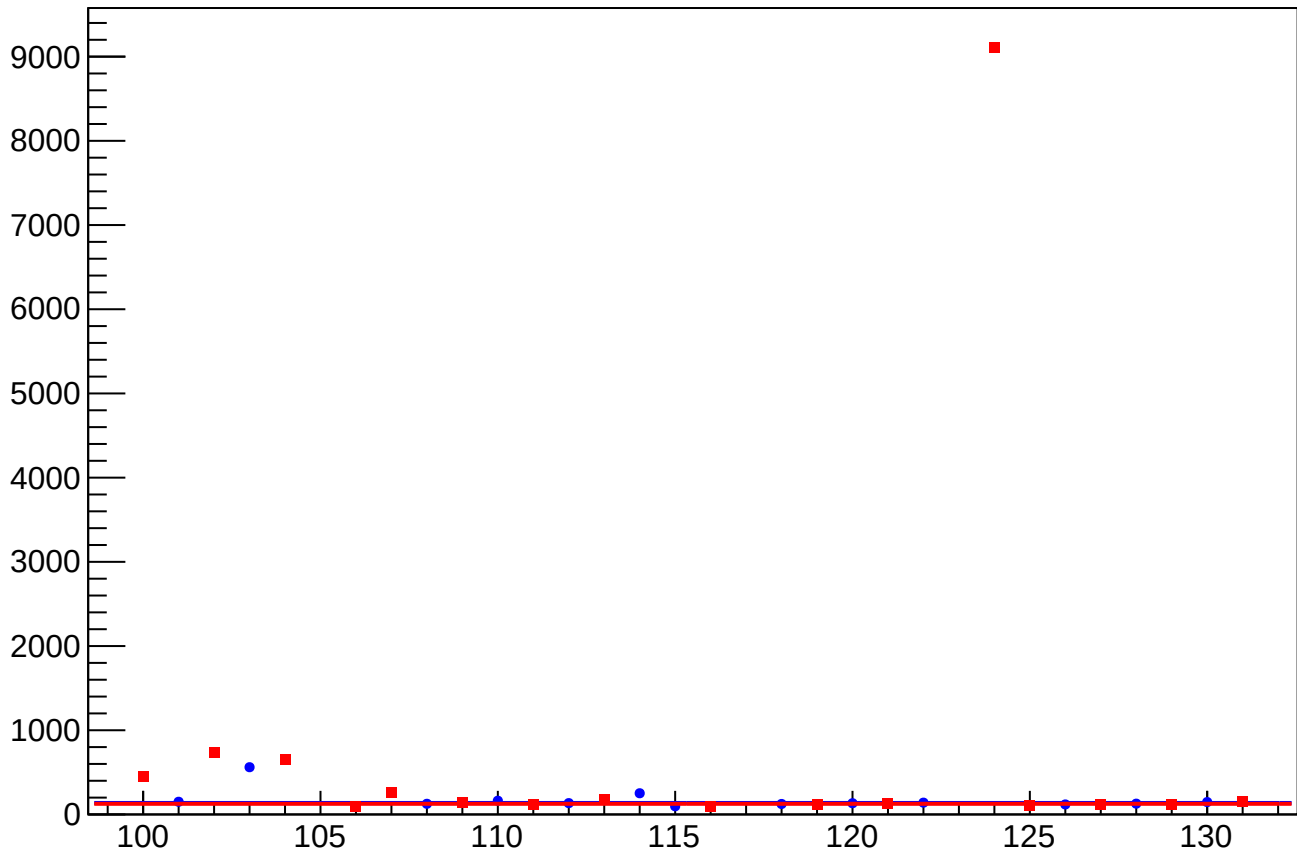
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.043 χ^2/NDF : 34.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 136.434+/-0.044 χ^2/NDF : 821332.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.487+/-0.042 χ^2/NDF : 1857167.8/15

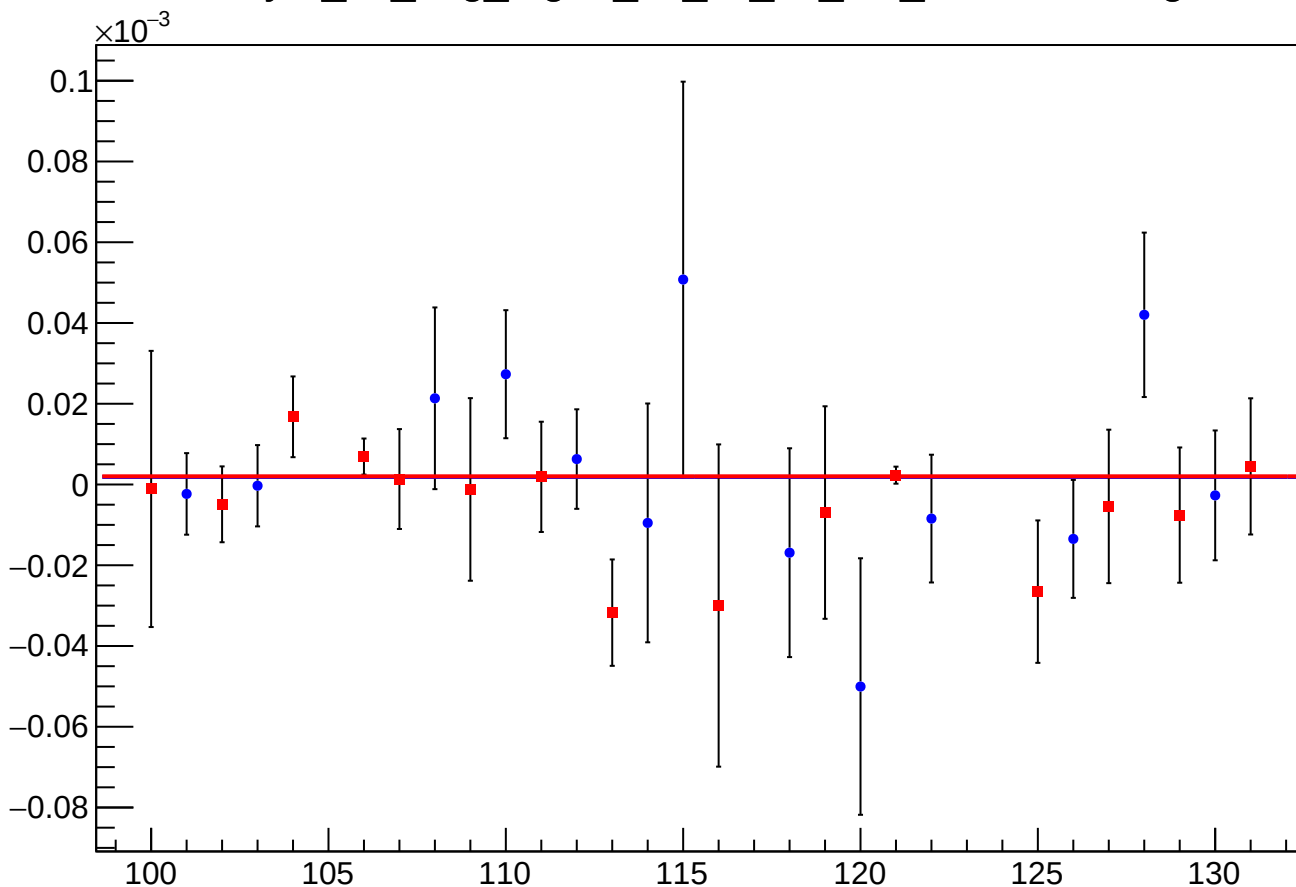
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.139+/-0.030 χ^2/NDF : 2705236.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.4/14

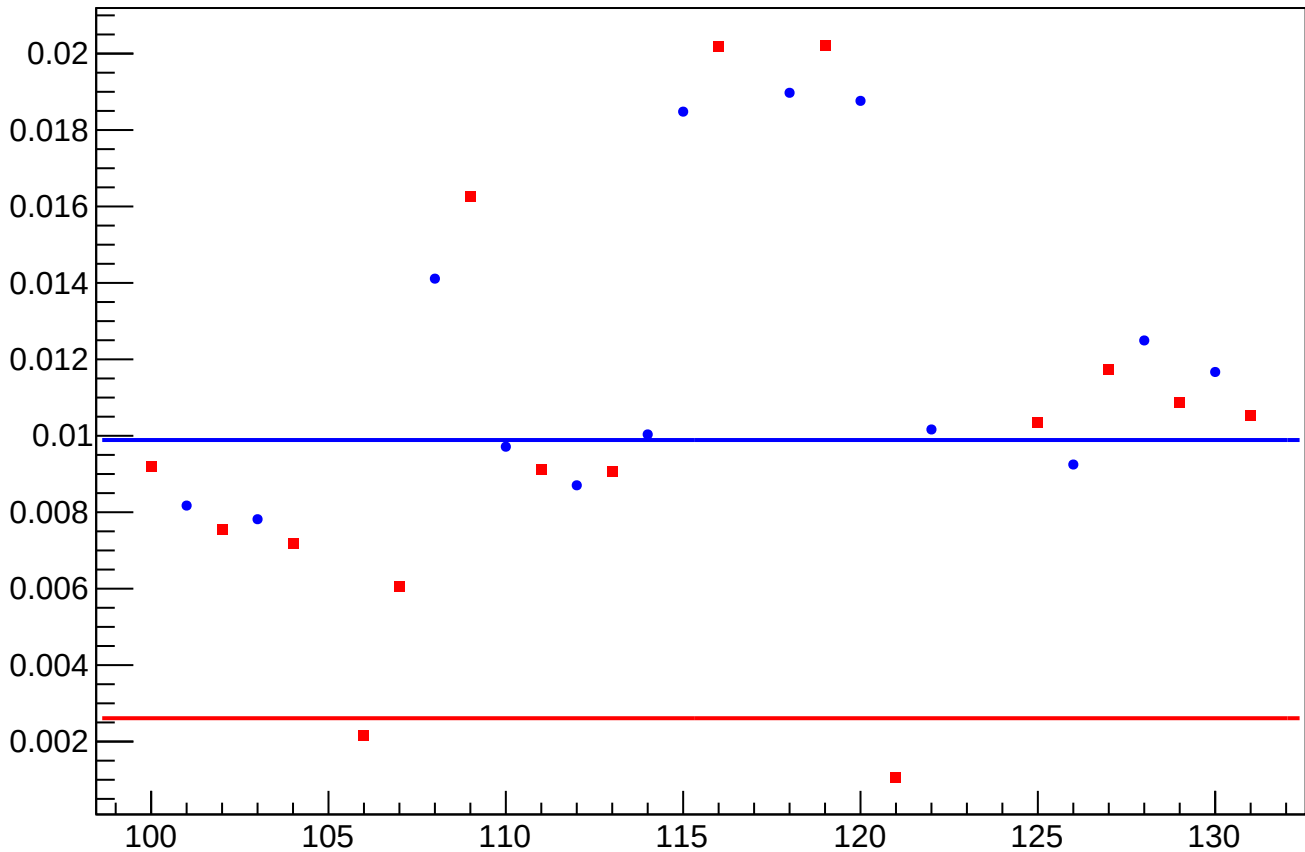
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 27.9/27

- 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: 0.010 $\pm$ 0.000 χ^2 /NDF: 757676.0/12

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

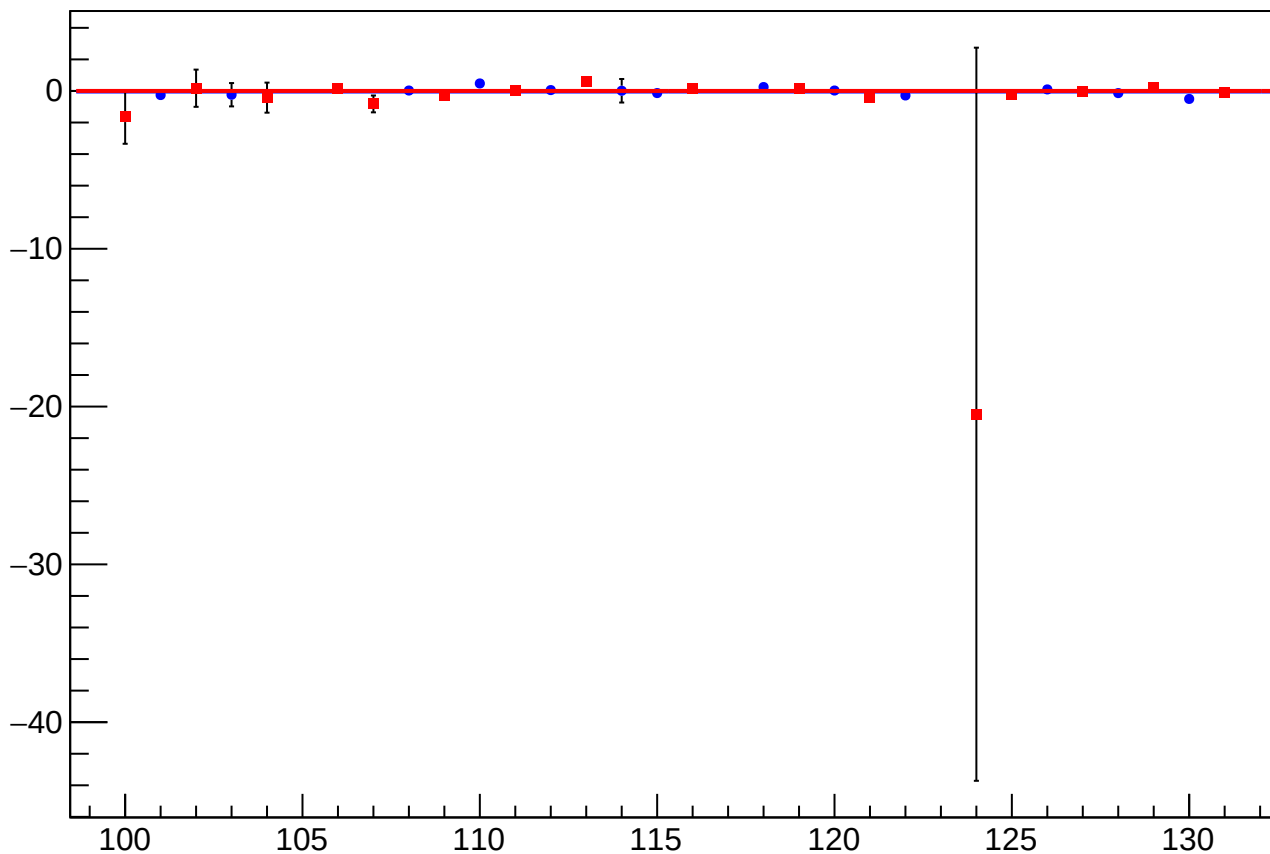
Right Out: 0.003 $\pm$ 0.000 χ^2 /NDF: 7033014.8/14

All: 0.004 $\pm$ 0.000 χ^2 /NDF: 12491453.7/27

- 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_vs_cor_diff_mean vs Slug



Right In: -0.034 ± 0.063 χ^2/NDF : 14.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.001 ± 0.059 χ^2/NDF : 19.8/15

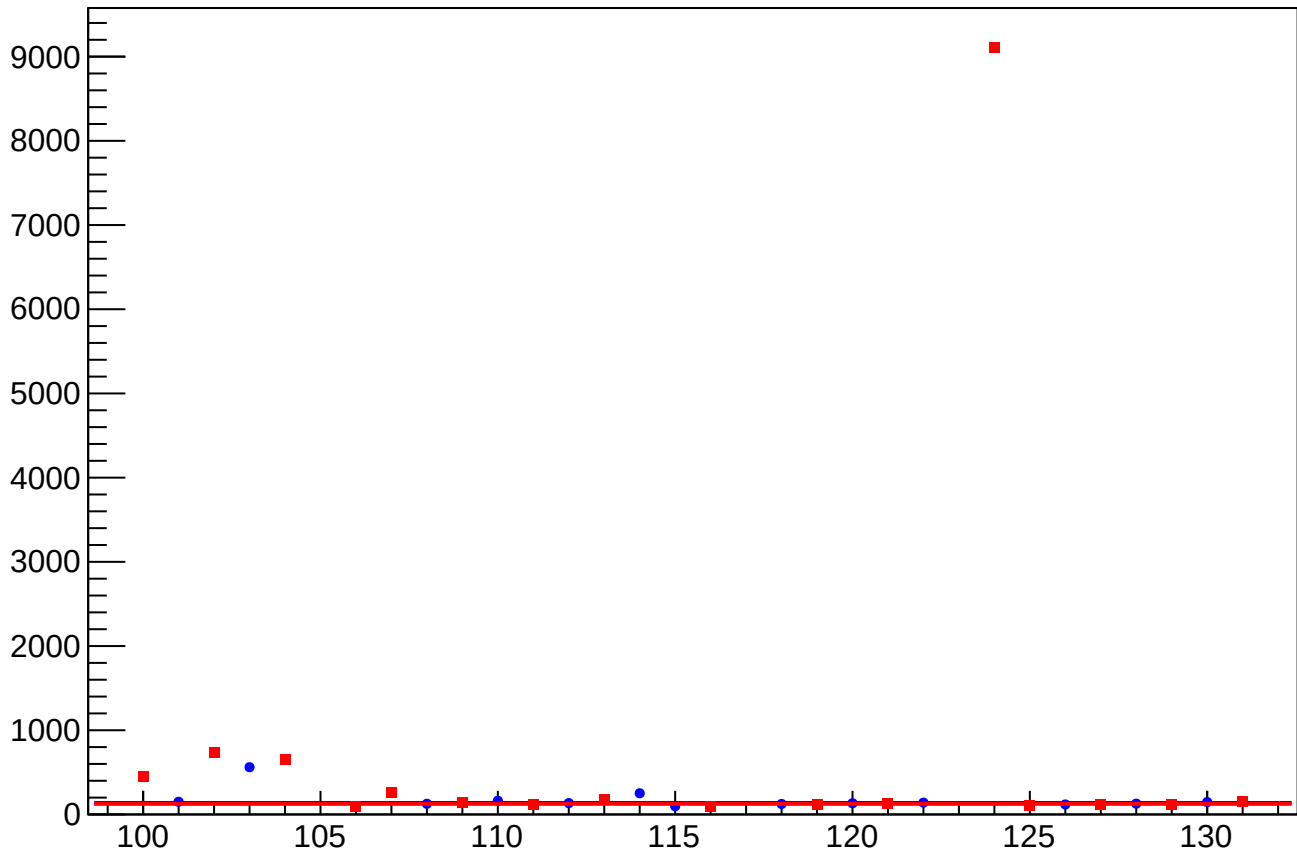
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.043 χ^2/NDF : 34.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 136.433+/-0.044 χ^2/NDF : 821334.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.486+/-0.042 χ^2/NDF : 1857140.1/15

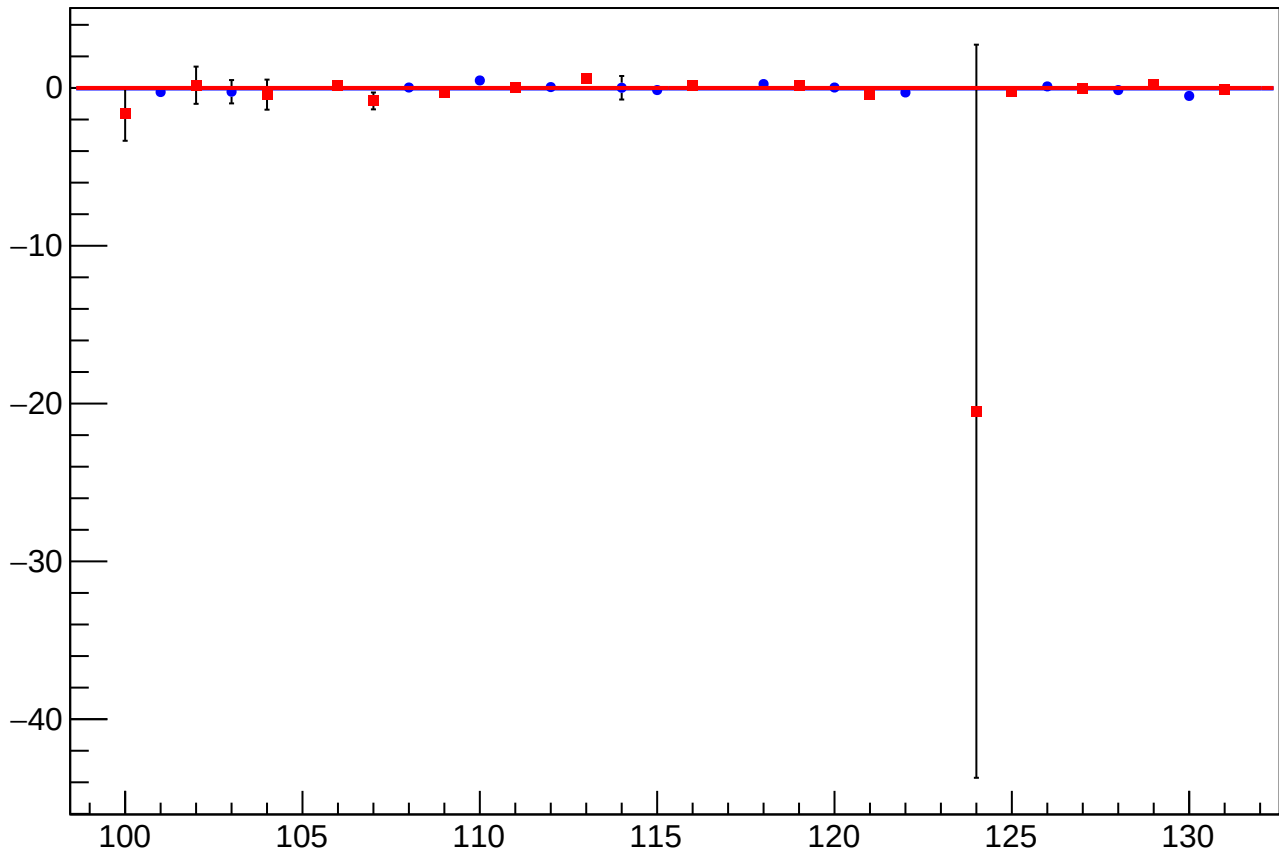
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.138+/-0.030 χ^2/NDF : 2705204.8/28

- 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: -0.034 $\pm$ 0.063 χ^2 /NDF: 14.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.059 χ^2 /NDF: 19.8/15

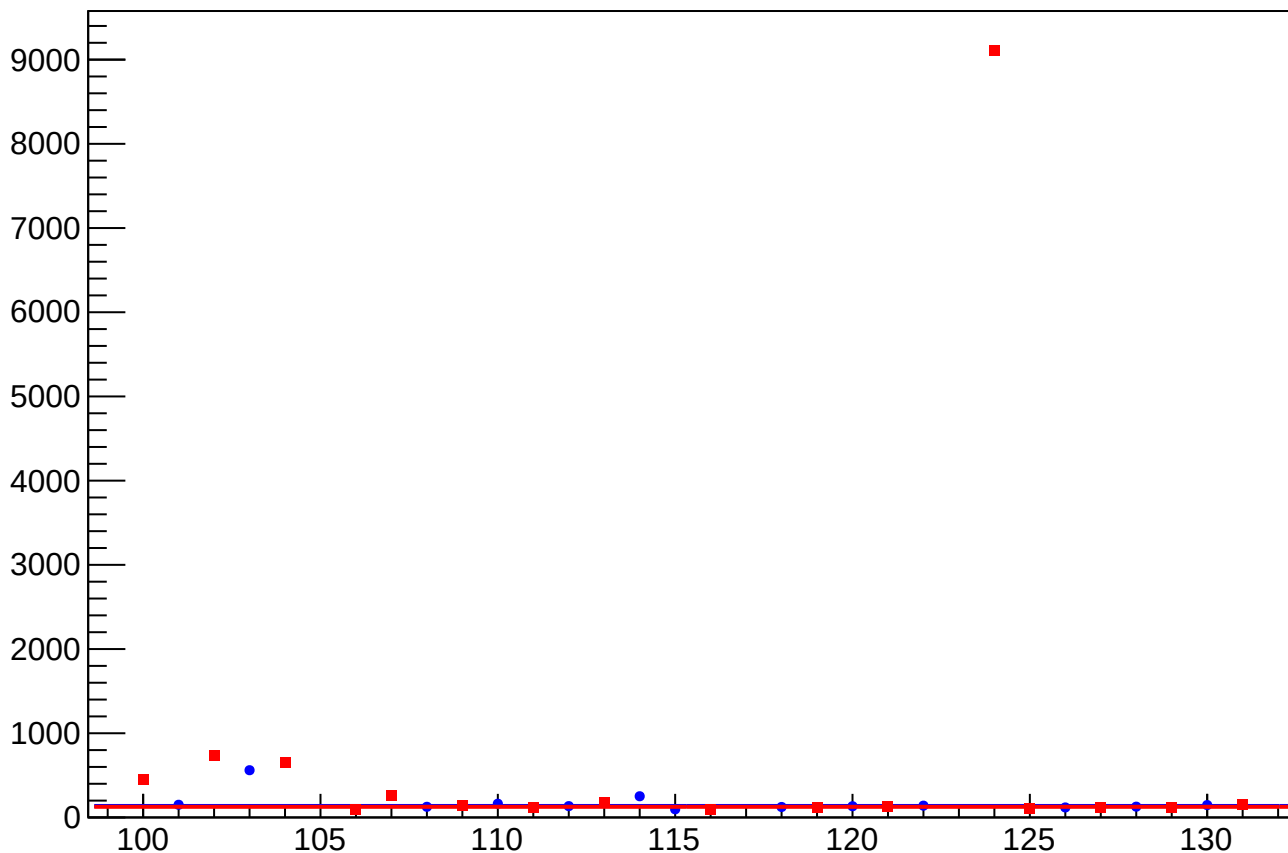
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.015 $\pm$ 0.043 χ^2 /NDF: 34.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 136.433+/-0.044 χ^2/NDF : 821334.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.486+/-0.042 χ^2/NDF : 1857140.1/15

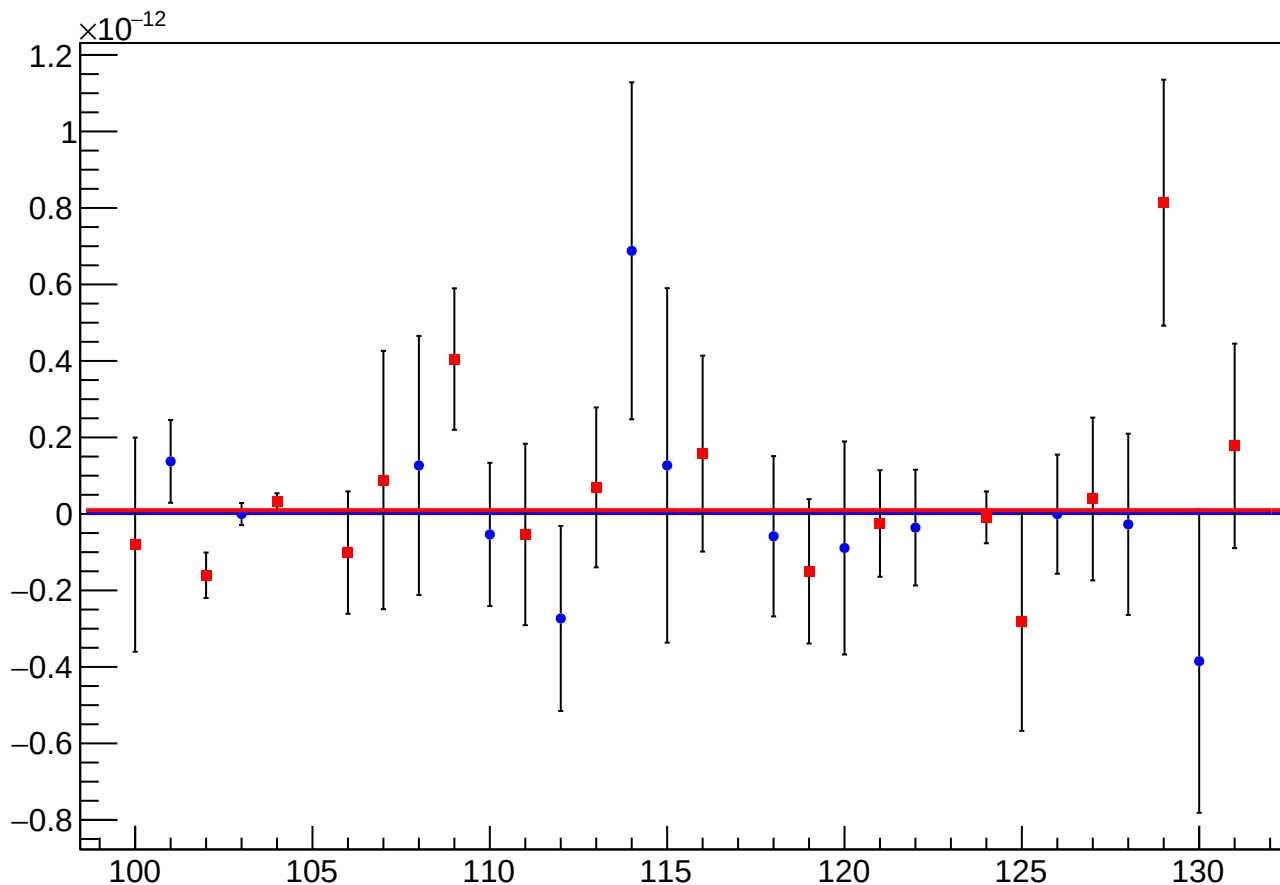
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.138+/-0.030 χ^2/NDF : 2705204.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.4/15

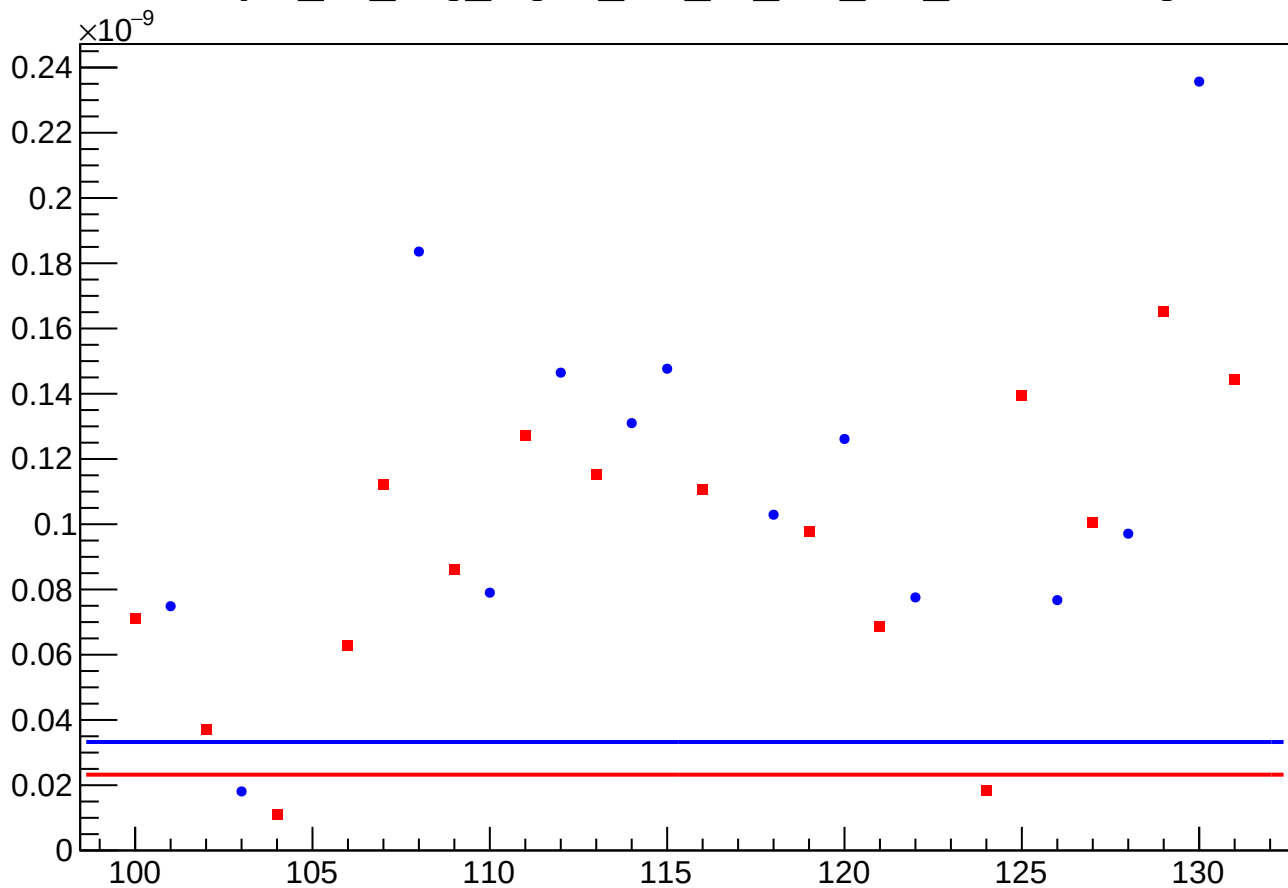
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 30.2/28

- 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: 3453593.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 4161542.2/15

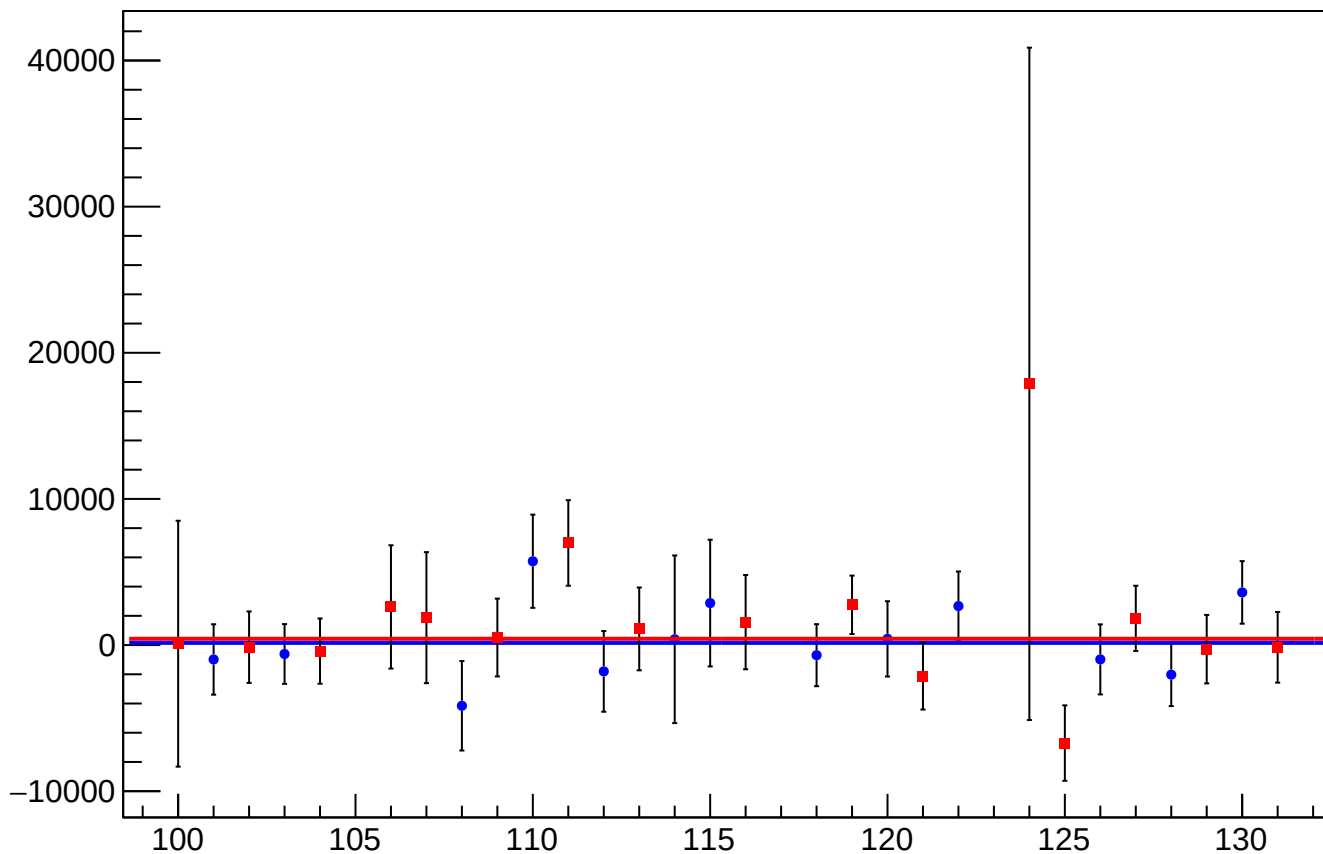
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 7808168.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_mean vs Slug



Right In: 148.908 $\pm$ 708.619 χ^2 /NDF: 11.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 431.018 $\pm$ 688.004 χ^2 /NDF: 17.1/15

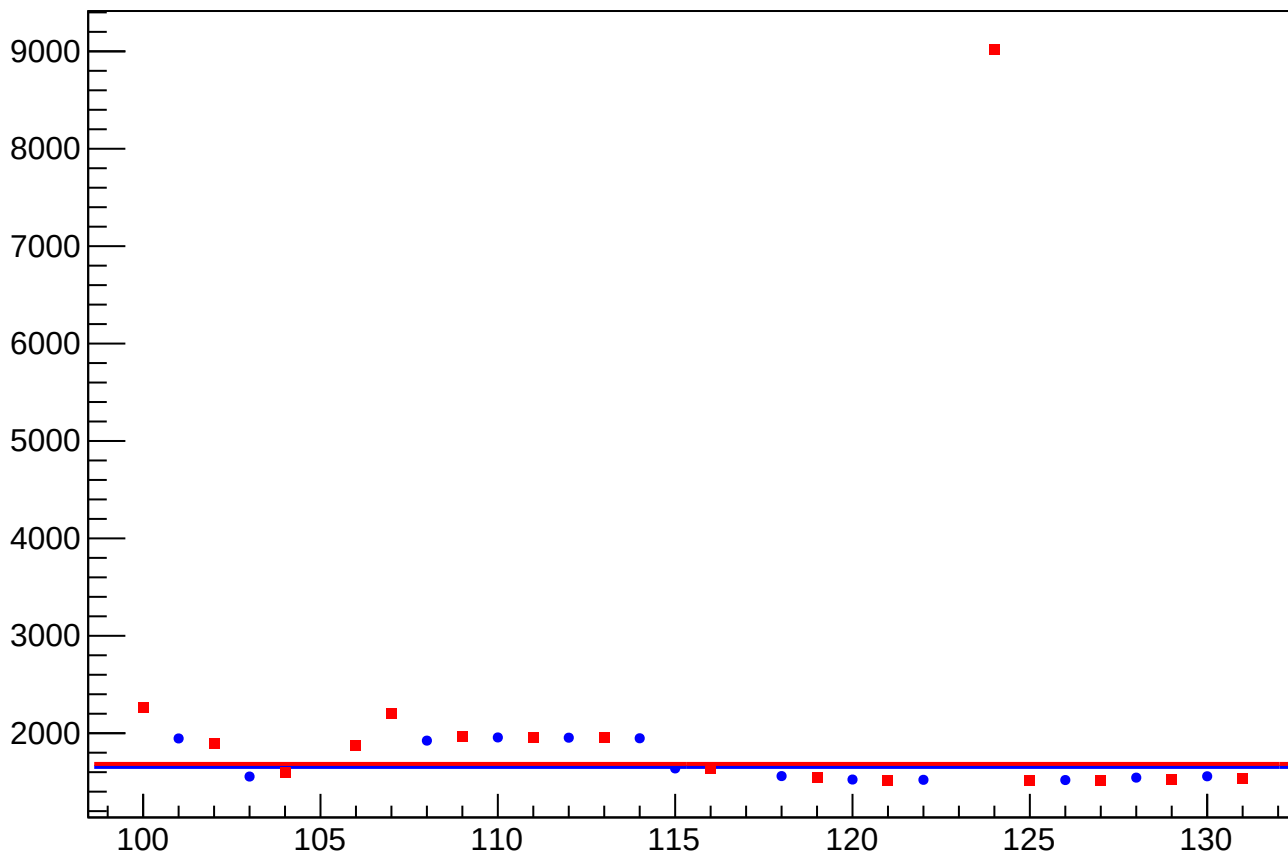
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 294.126 $\pm$ 493.619 χ^2 /NDF: 28.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_rms vs Slug



Right In: 1654.217+/-0.501 χ^2/NDF : 127382.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1684.745+/-0.484 χ^2/NDF : 381329.5/15

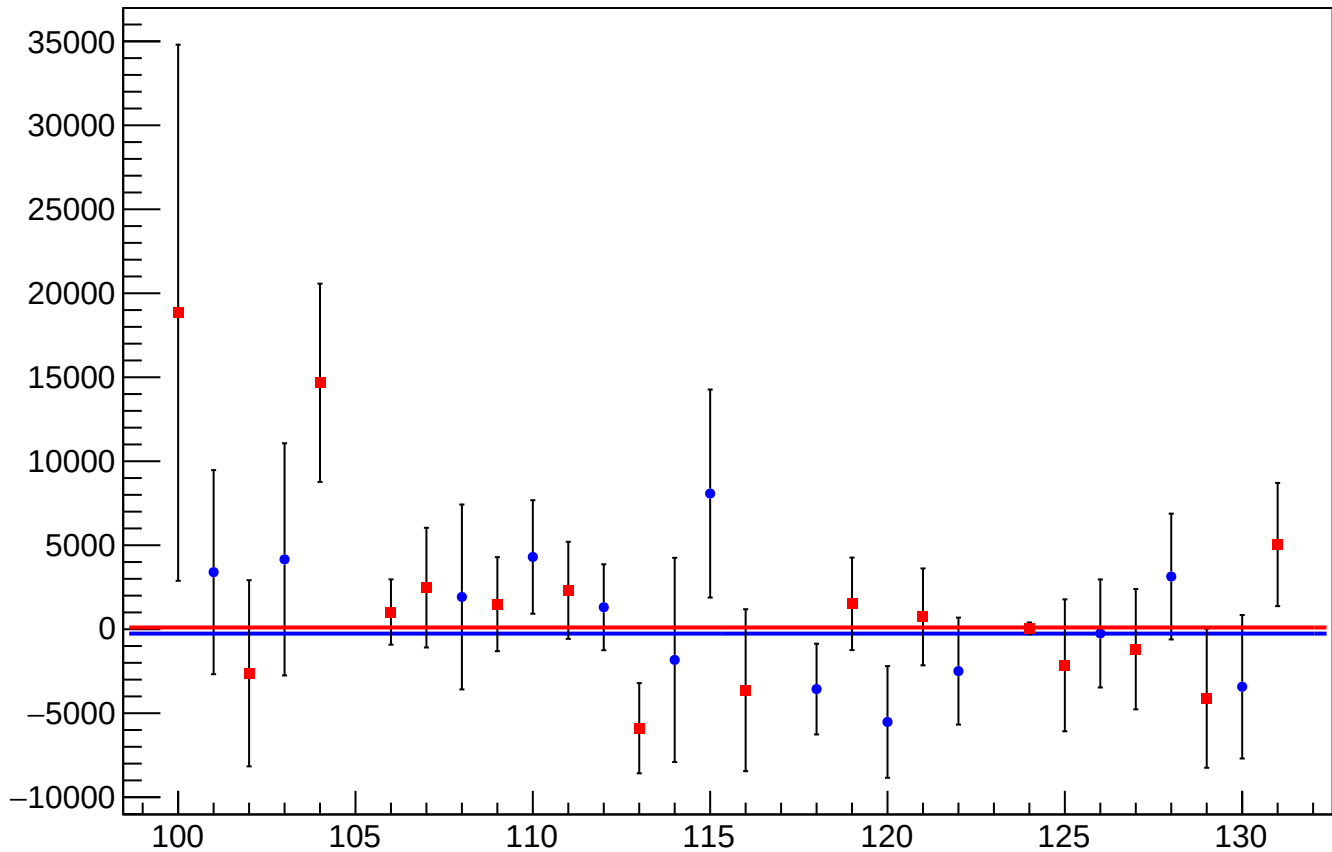
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1670.014+/-0.348 χ^2/NDF : 510632.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_reg_correction_mean vs Slug



Right In: -261.062 $\pm$ 1040.569 χ^2 /NDF: 10.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 103.156 $\pm$ 325.178 χ^2 /NDF: 18.4/15

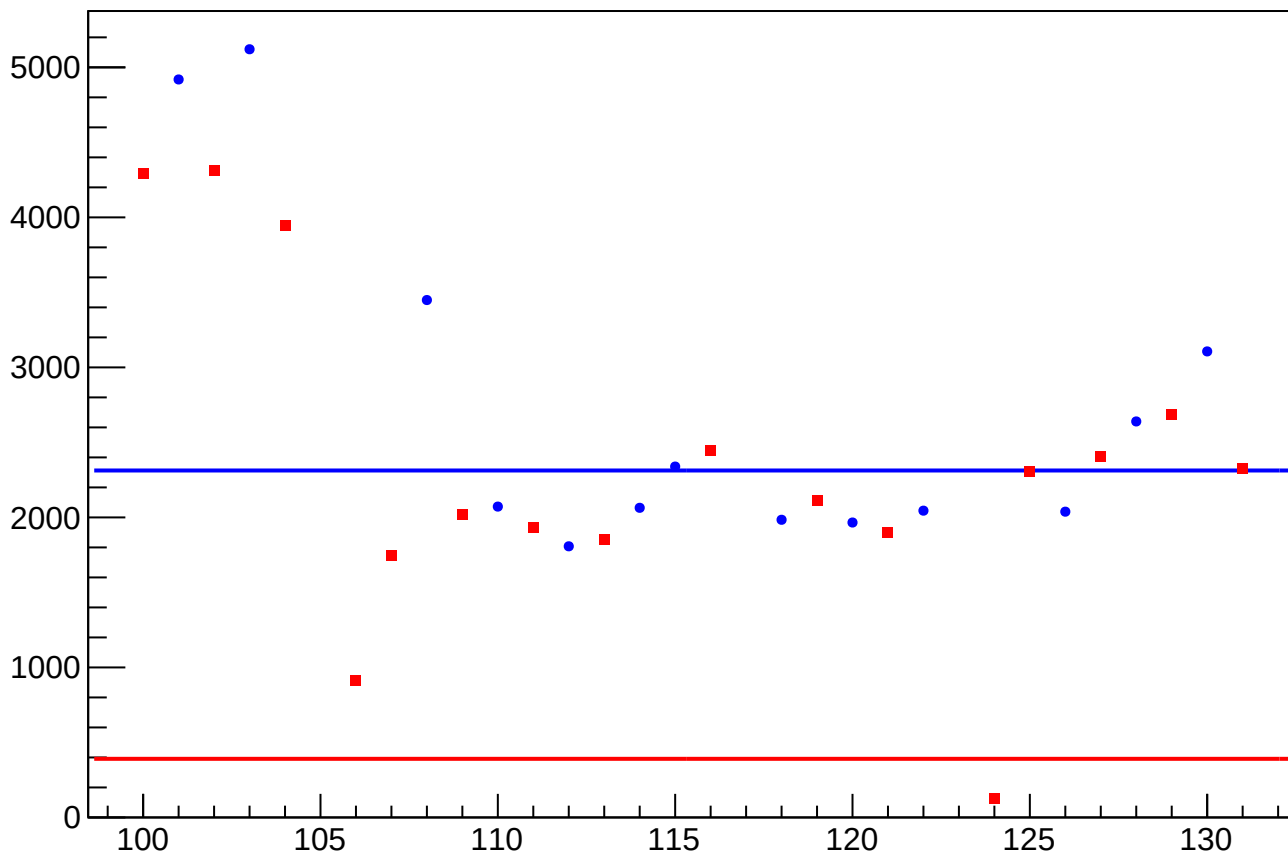
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 70.752 $\pm$ 310.376 χ^2 /NDF: 29.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_reg_correction_rms vs Slug



Right In: 2312.797 $\pm$ 0.736 χ^2 /NDF: 1039509.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 390.834 $\pm$ 0.230 χ^2 /NDF: 9224942.4/15

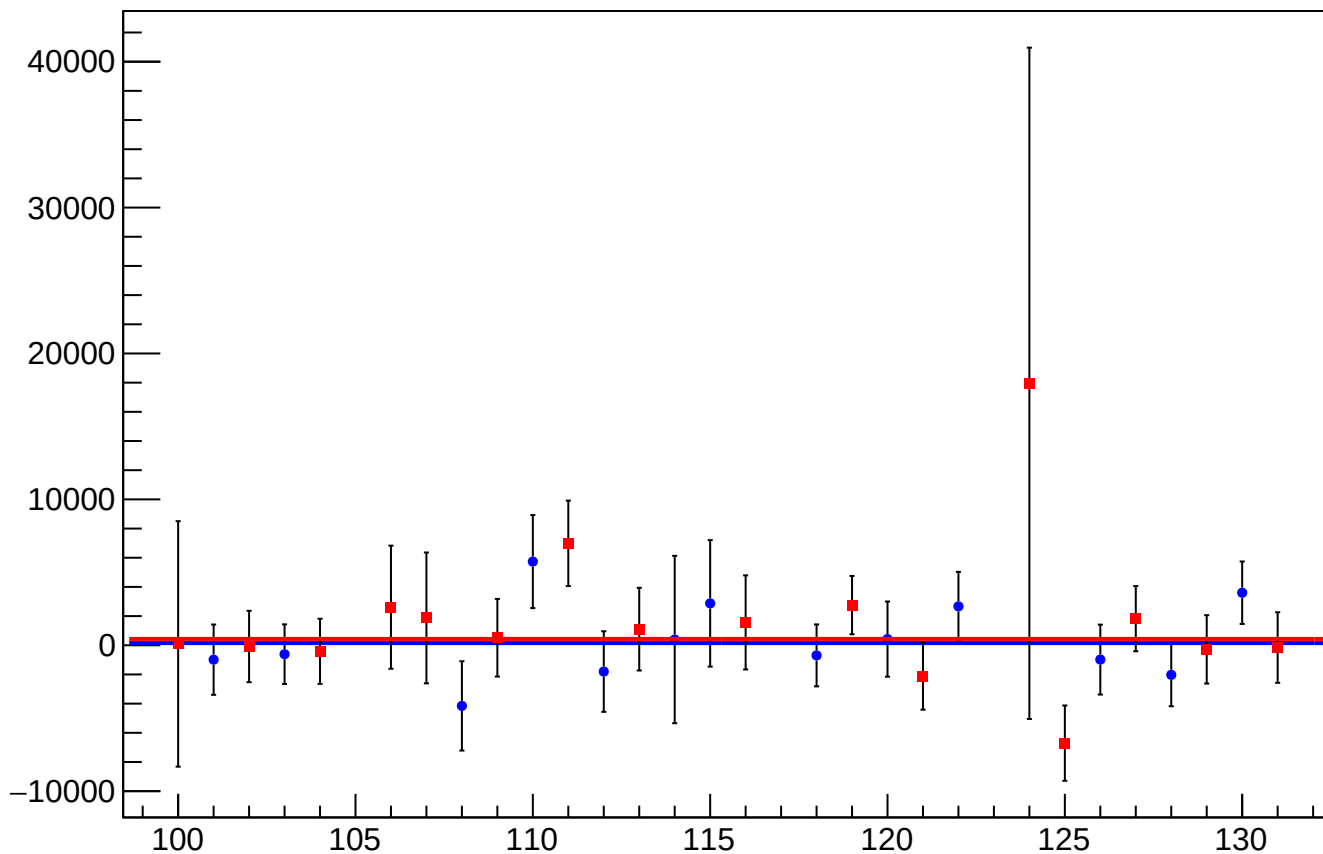
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 561.827 $\pm$ 0.219 χ^2 /NDF: 16480463.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl_dd_mean vs Slug



Right In: 148.778+/-708.619 χ^2/NDF : 11.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 436.038+/-688.012 χ^2/NDF : 17.1/15

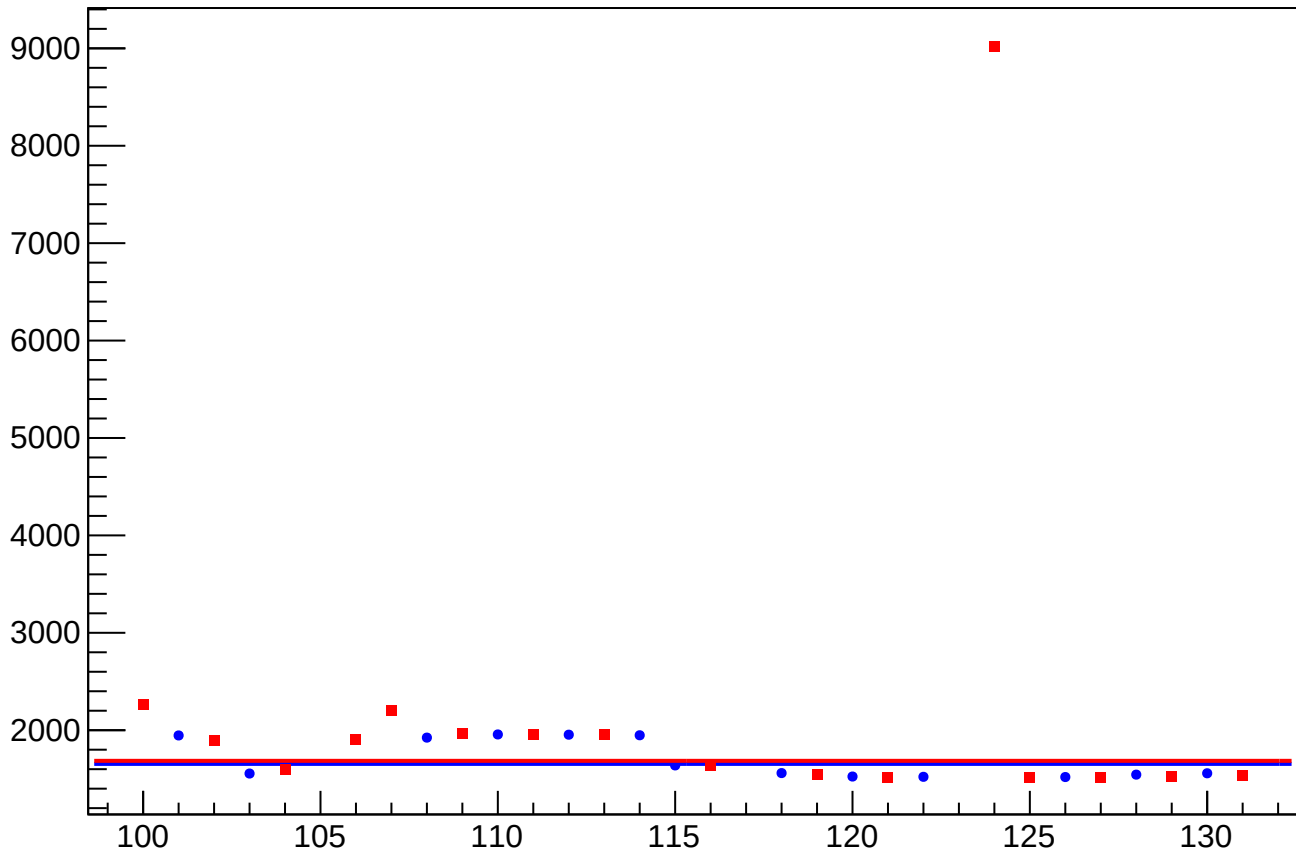
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 296.646+/-493.622 χ^2/NDF : 28.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_dd_rms vs Slug



Right In: 1654.217+/-0.501 χ^2/NDF : 127382.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1685.666+/-0.484 χ^2/NDF : 383173.6/15

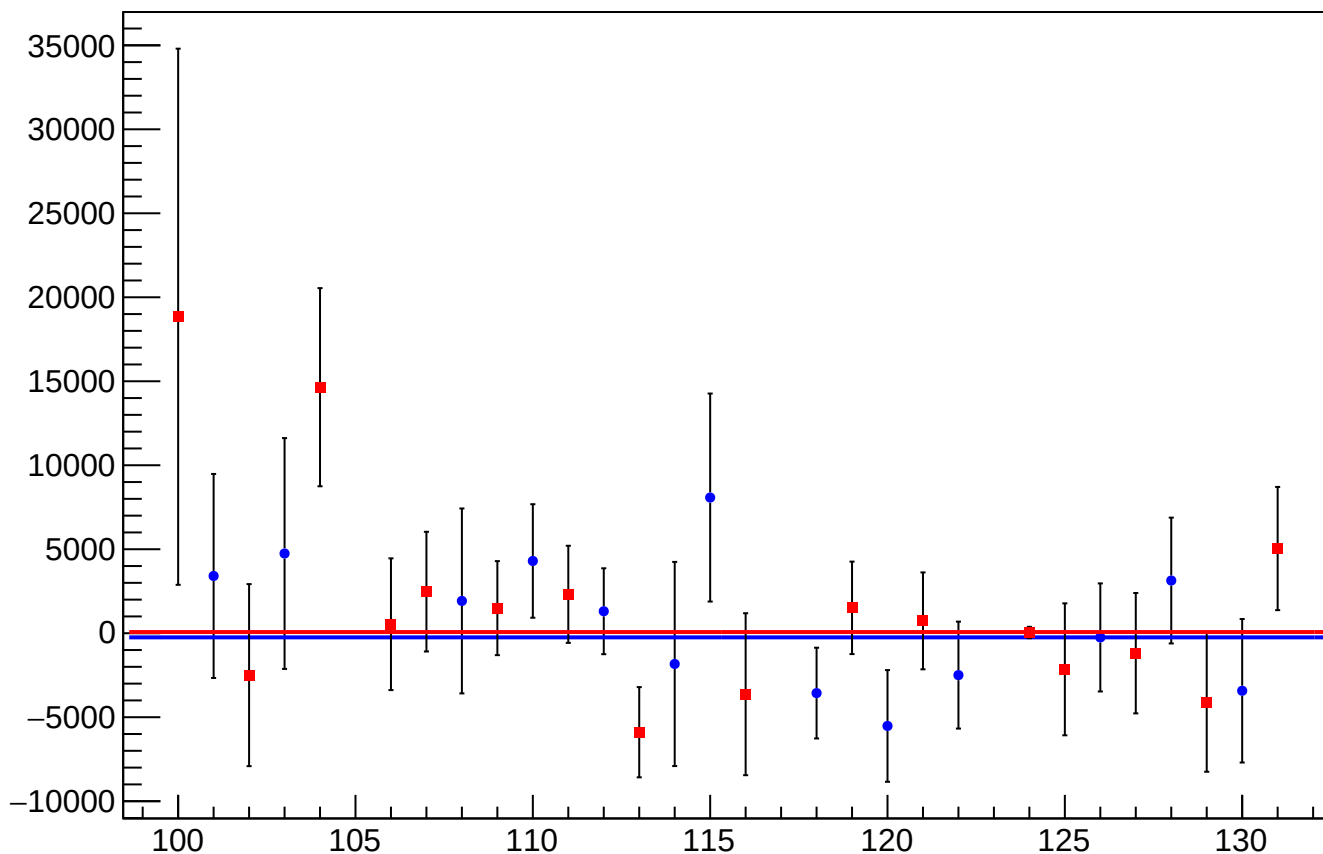
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1670.482+/-0.348 χ^2/NDF : 512593.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_cor_correction_mean vs Slug



Right In: -246.181+/-1040.418 χ^2/NDF : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.623+/-317.115 χ^2/NDF : 18.2/15

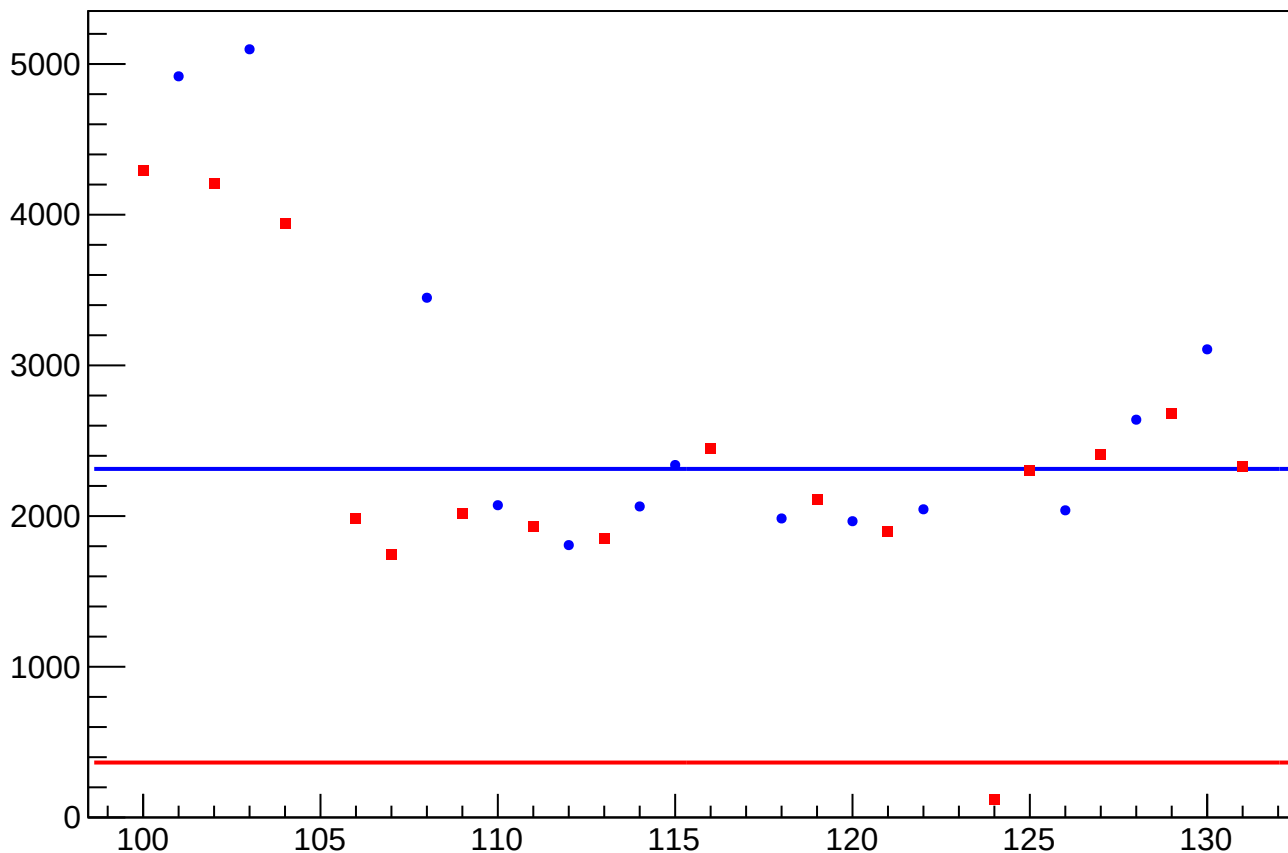
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.694+/-303.337 χ^2/NDF : 29.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_cor_correction_rms vs Slug



Right In: 2313.024 $\pm$ 0.736 χ^2 /NDF: 1037906.3/12

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

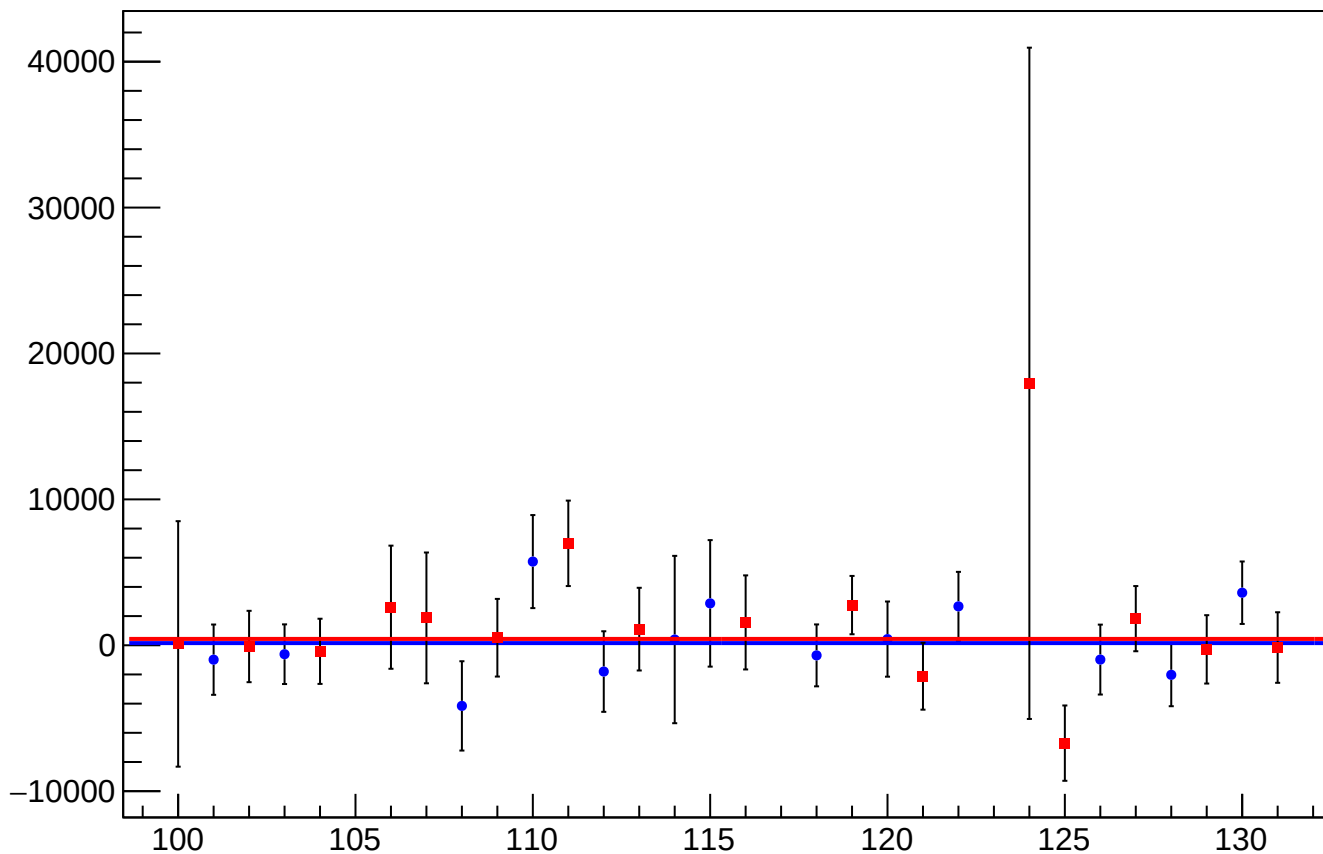
Right Out: 364.412 $\pm$ 0.224 χ^2 /NDF: 9538593.5/15

All: 530.051 $\pm$ 0.214 χ^2 /NDF: 16995752.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl_dd_mean vs Slug



Right In: 148.778+/-708.619 χ^2/NDF : 11.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 436.038+/-688.012 χ^2/NDF : 17.1/15

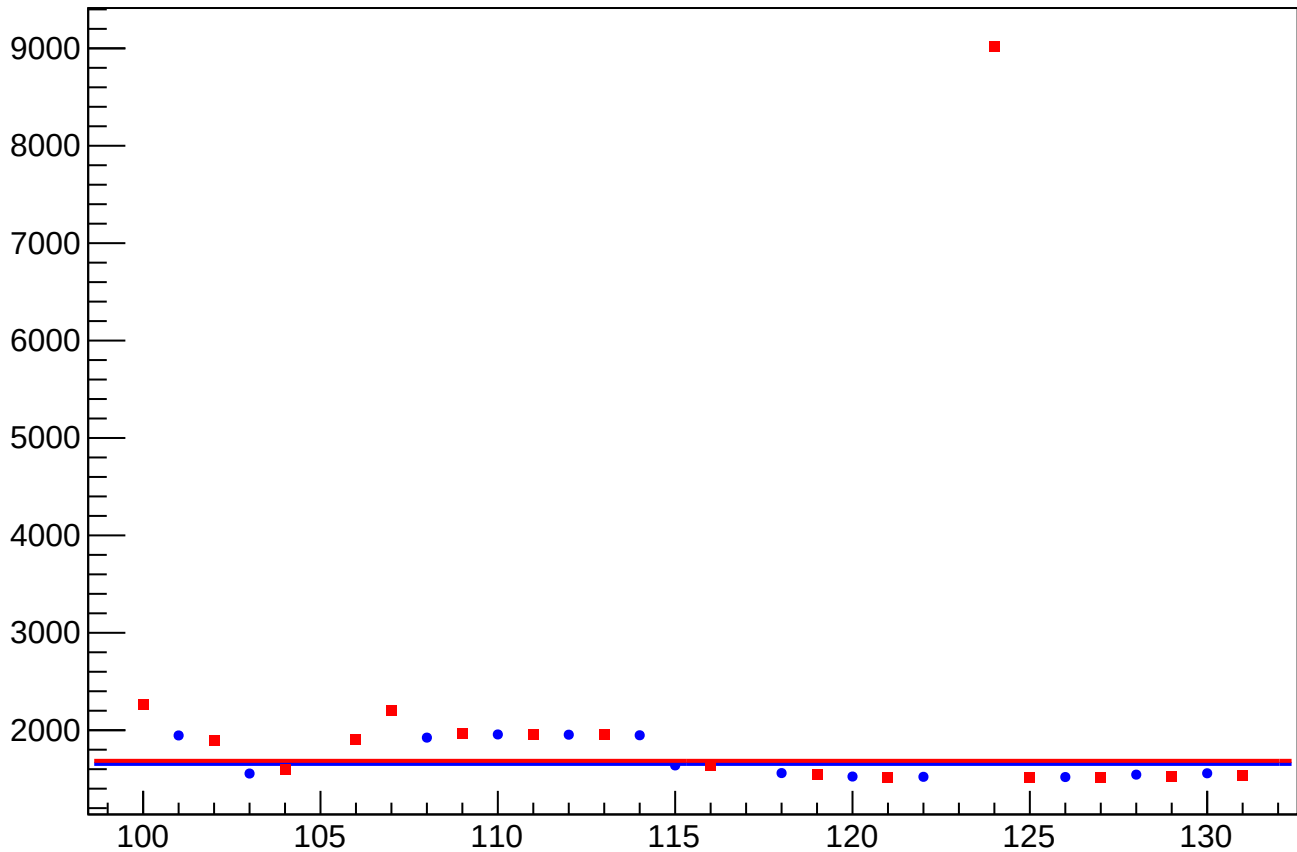
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 296.646+/-493.622 χ^2/NDF : 28.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_dd_rms vs Slug



Right In: 1654.217+/-0.501 χ^2/NDF : 127382.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

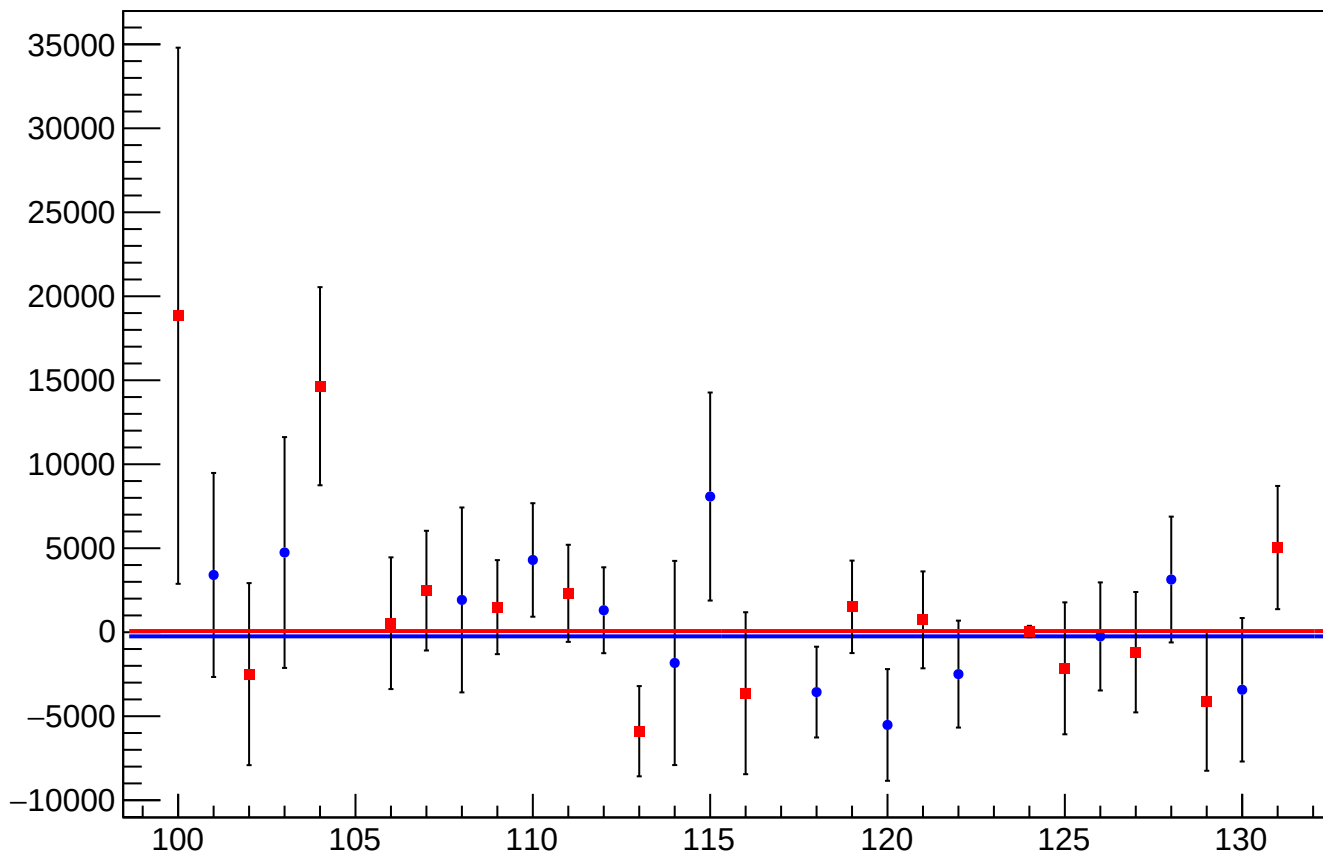
Right Out: 1685.666+/-0.484 χ^2/NDF : 383173.6/15

All: 1670.482+/-0.348 χ^2/NDF : 512593.5/28

- 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: -246.181+/-1040.418 χ^2/NDF : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.623+/-317.115 χ^2/NDF : 18.2/15

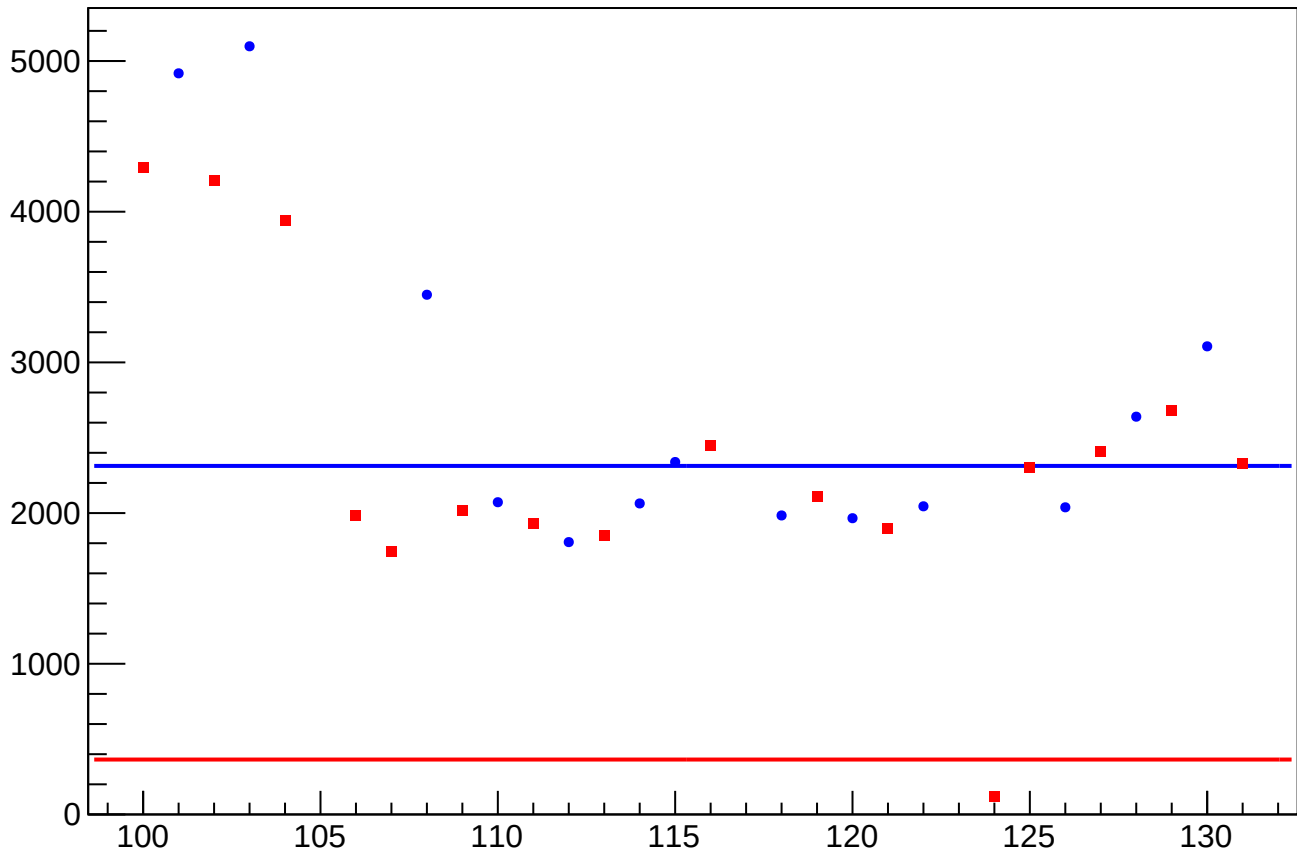
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.694+/-303.337 χ^2/NDF : 29.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_cor_correction_rms vs Slug



Right In: 2313.024+/-0.736 χ^2/NDF : 1037906.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

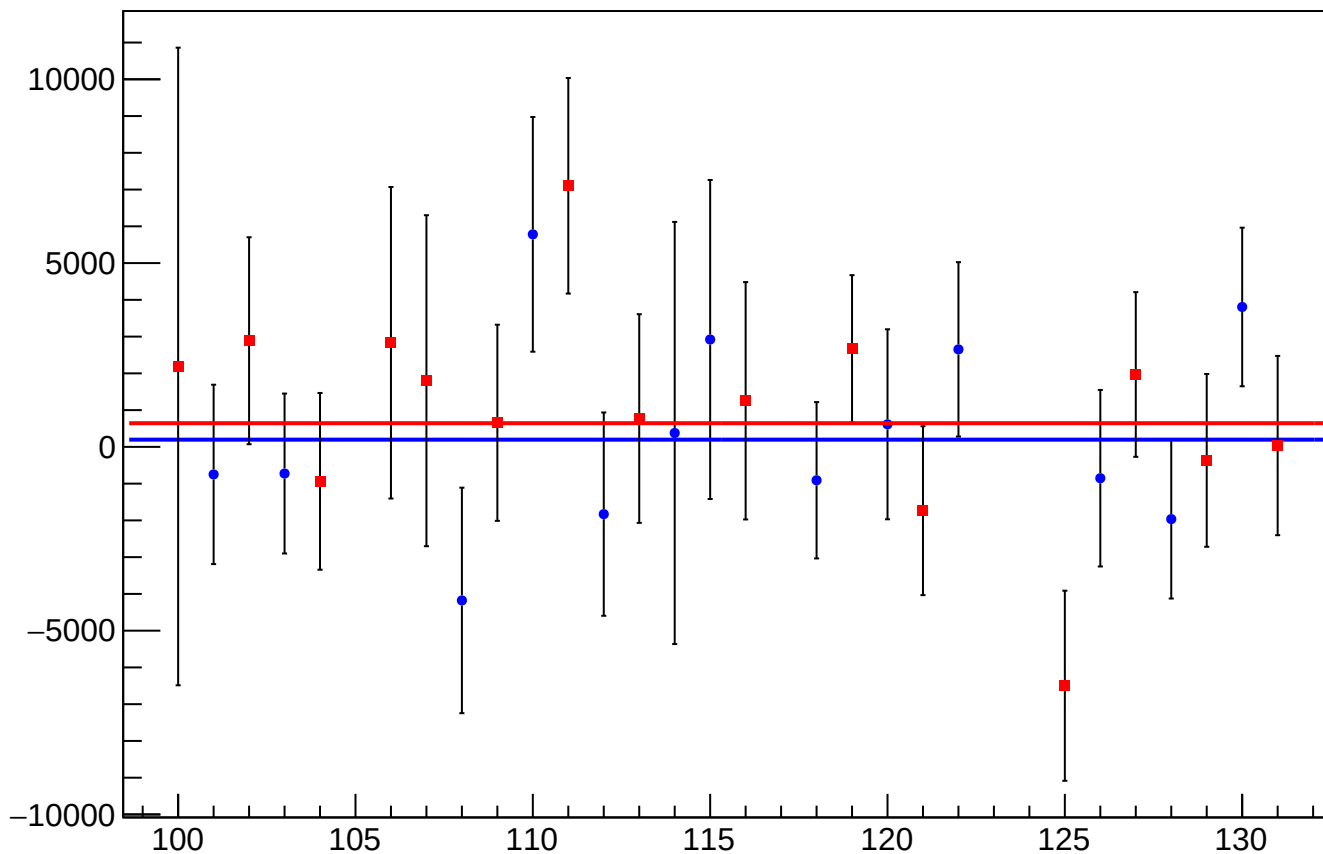
Right Out: 364.412+/-0.224 χ^2/NDF : 9538593.5/15

All: 530.051+/-0.214 χ^2/NDF : 16995752.9/28

- 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_mean vs Slug



Right In: 196.629+/-716.336 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 644.152+/-701.674 χ^2/NDF : 16.6/14

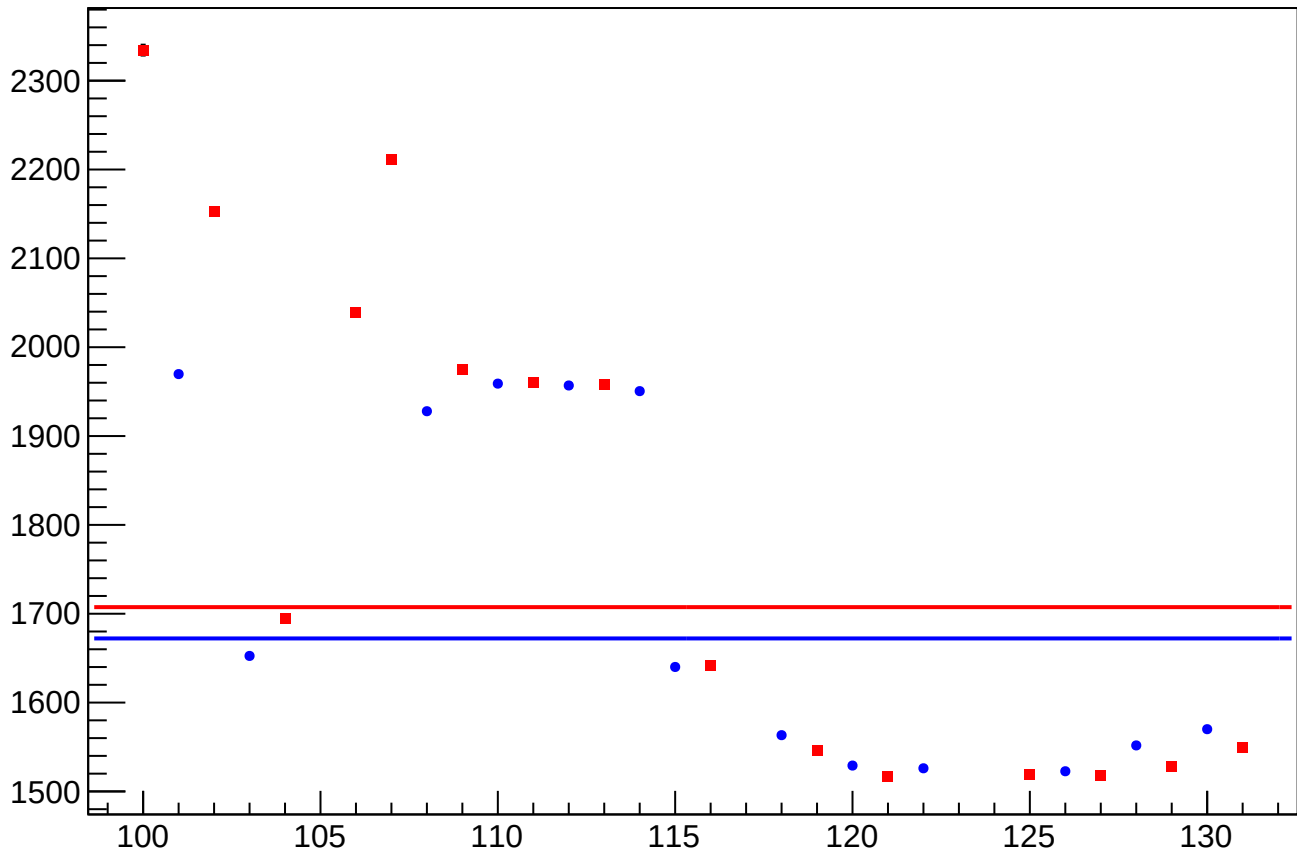
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 425.018+/-501.262 χ^2/NDF : 28.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_dd_rms vs Slug



Right In: 1672.192+/-0.507 χ^2/NDF : 123369.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

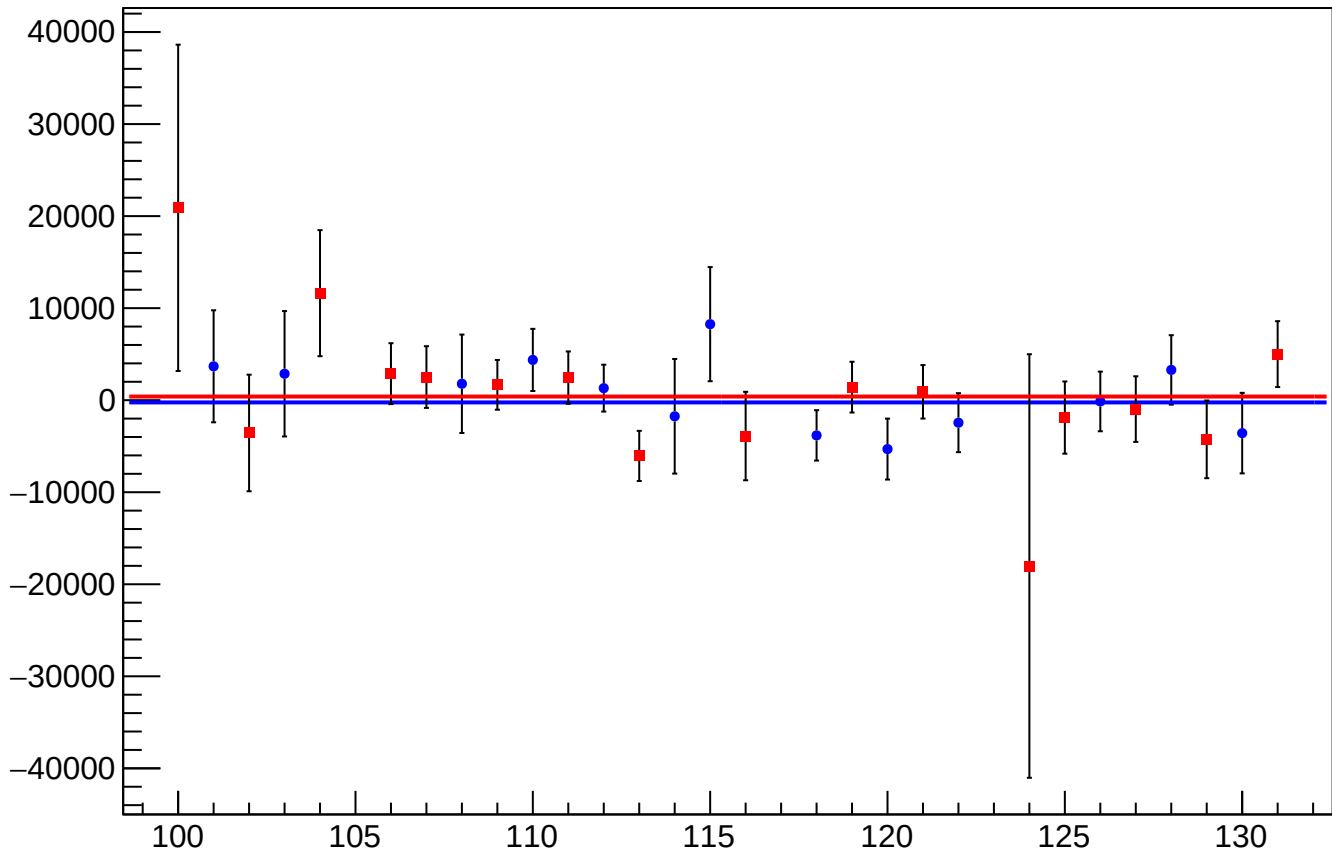
Right Out: 1707.426+/-0.495 χ^2/NDF : 223210.1/14

All: 1690.221+/-0.354 χ^2/NDF : 349055.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_dit_correction_mean vs Slug



Right In: -242.758+/-1044.280 χ^2/NDF : 10.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 394.903+/-913.555 χ^2/NDF : 16.7/15

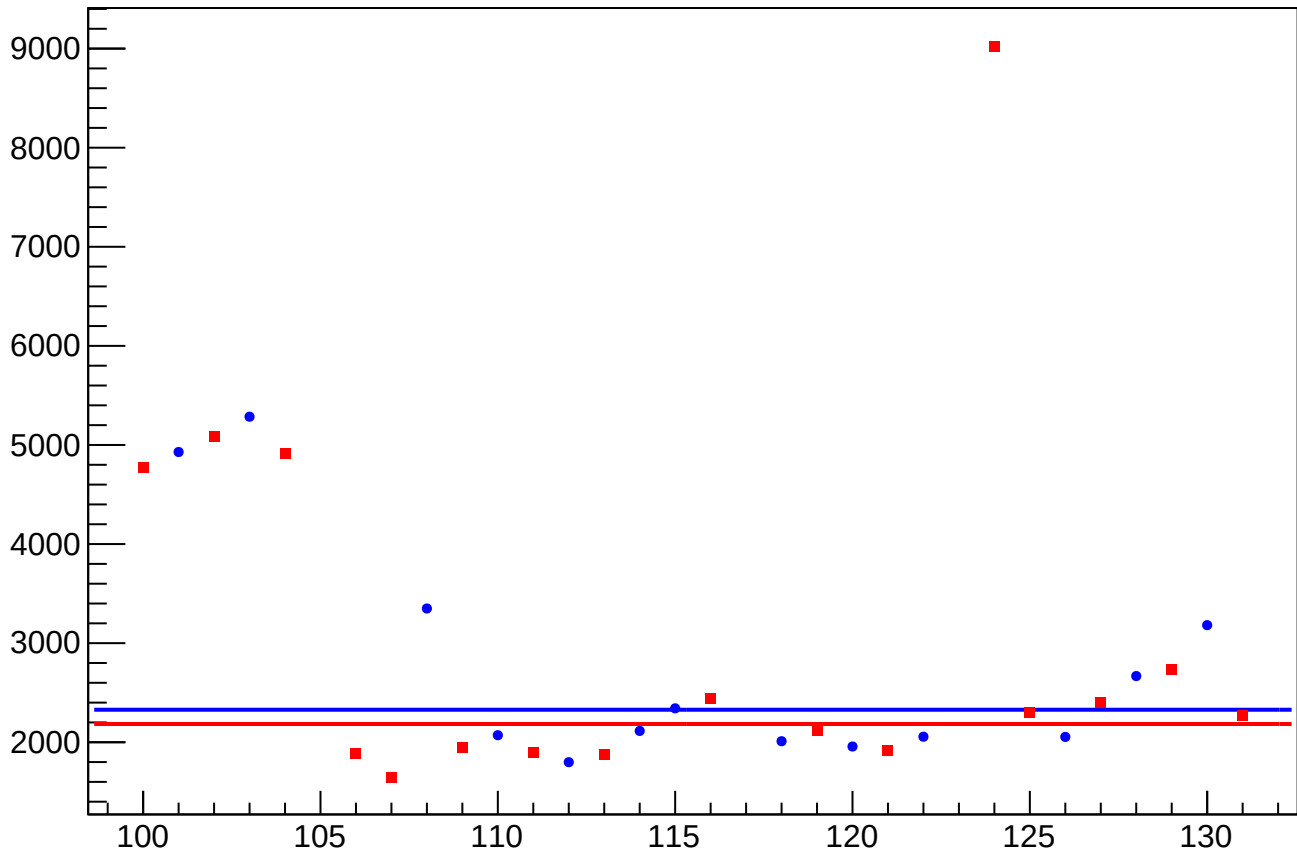
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.460+/-687.582 χ^2/NDF : 27.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_dit_correction_rms vs Slug



Right In: 2328.156+/-0.738 χ^2/NDF : 1089002.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2184.286+/-0.646 χ^2/NDF : 1155581.8/15

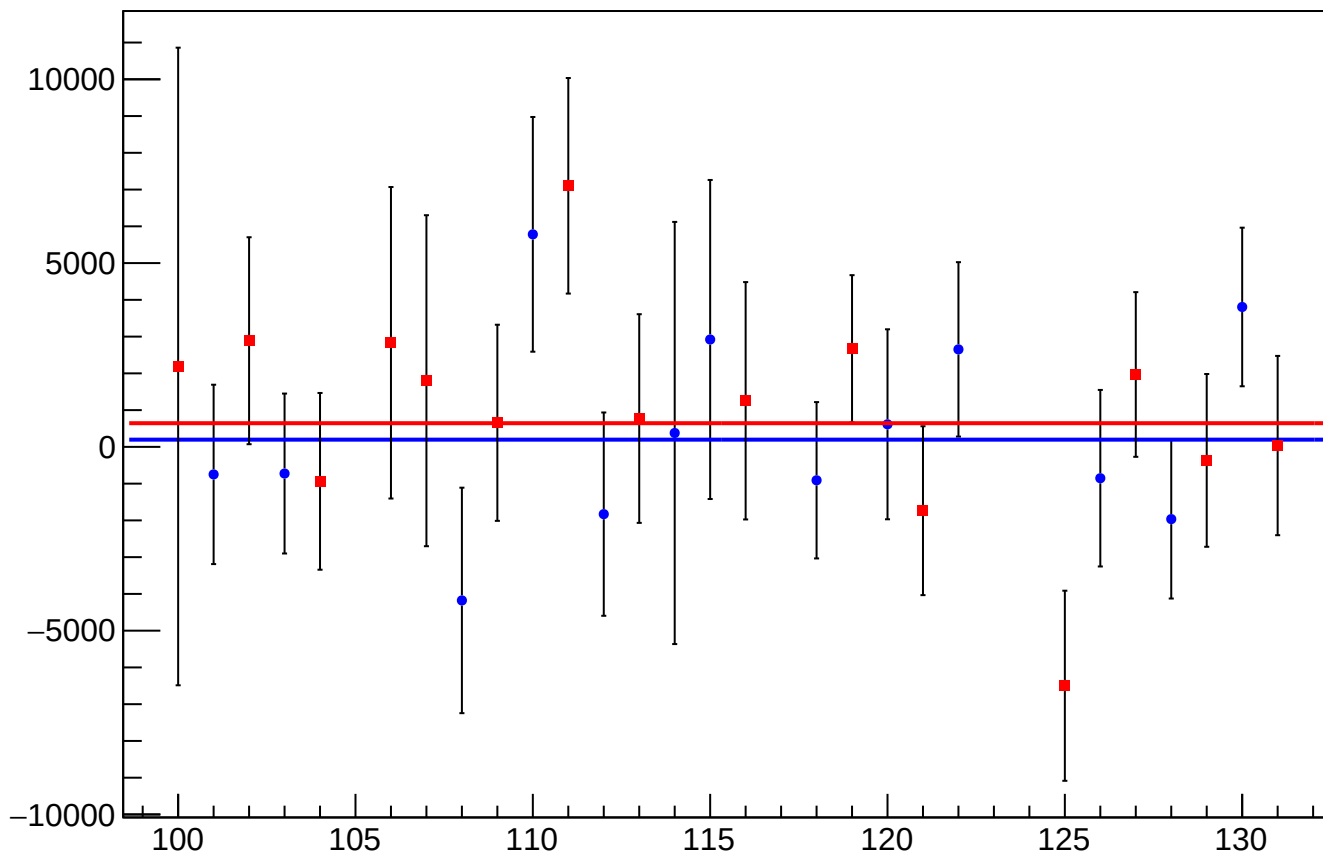
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2246.658+/-0.486 χ^2/NDF : 2266088.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_dd_mean vs Slug



Right In: 196.624+/-716.336 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 644.157+/-701.674 χ^2/NDF : 16.6/14

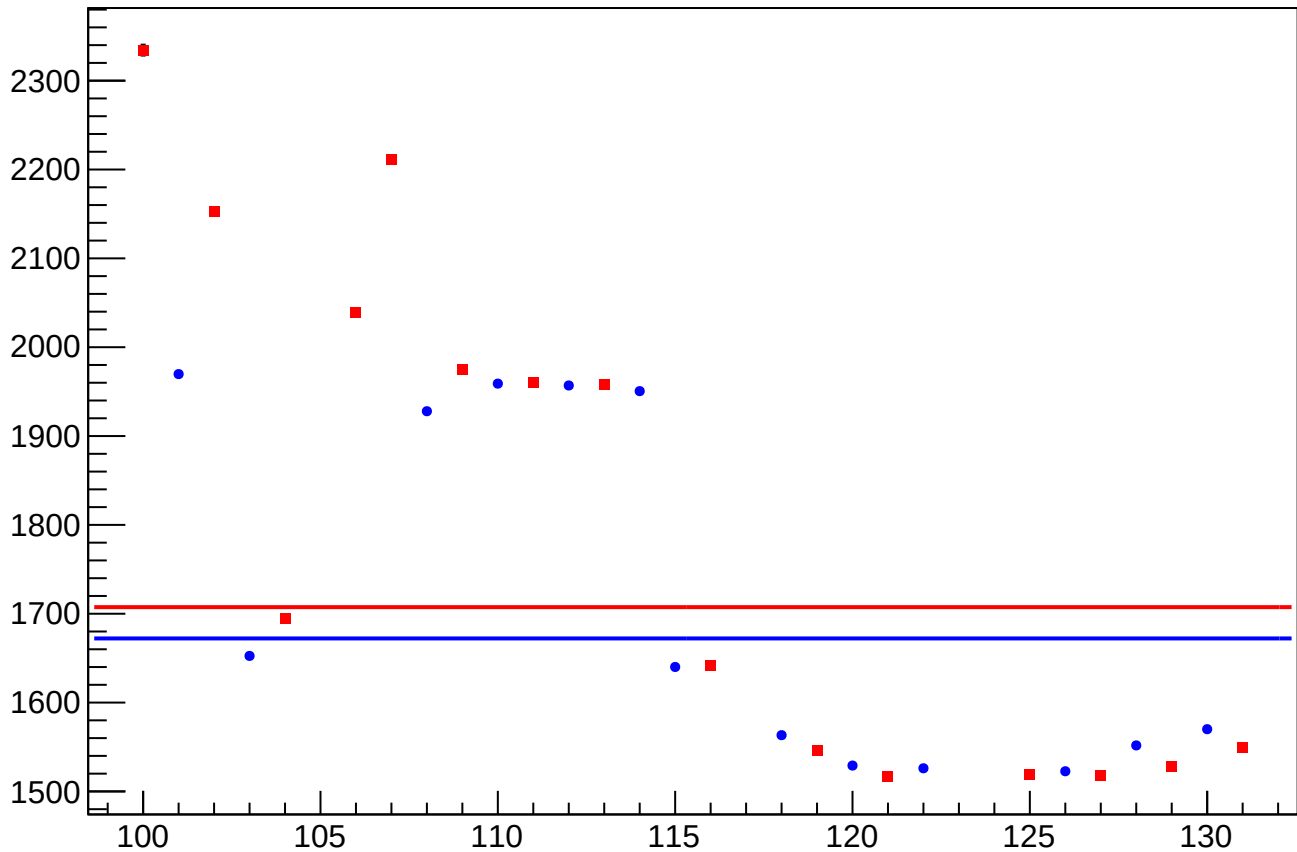
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 425.018+/-501.262 χ^2/NDF : 28.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_dd_rms vs Slug



Right In: 1672.191+/-0.507 χ^2/NDF : 123369.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1707.426+/-0.495 χ^2/NDF : 223209.3/14

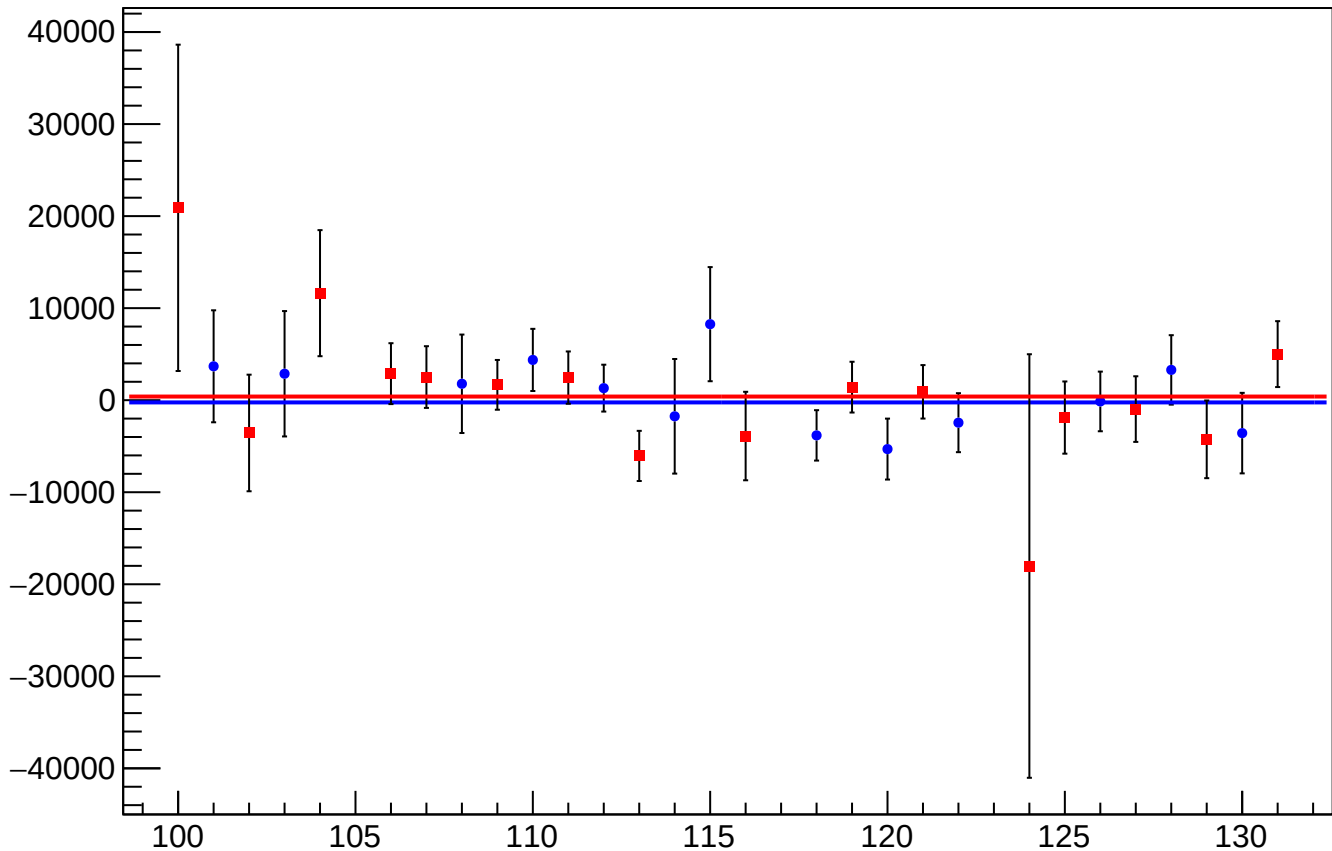
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1690.221+/-0.354 χ^2/NDF : 349054.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_dit_correction_mean vs Slug



Right In: -242.761+/-1044.275 χ^2/NDF : 10.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 394.906+/-913.552 χ^2/NDF : 16.7/15

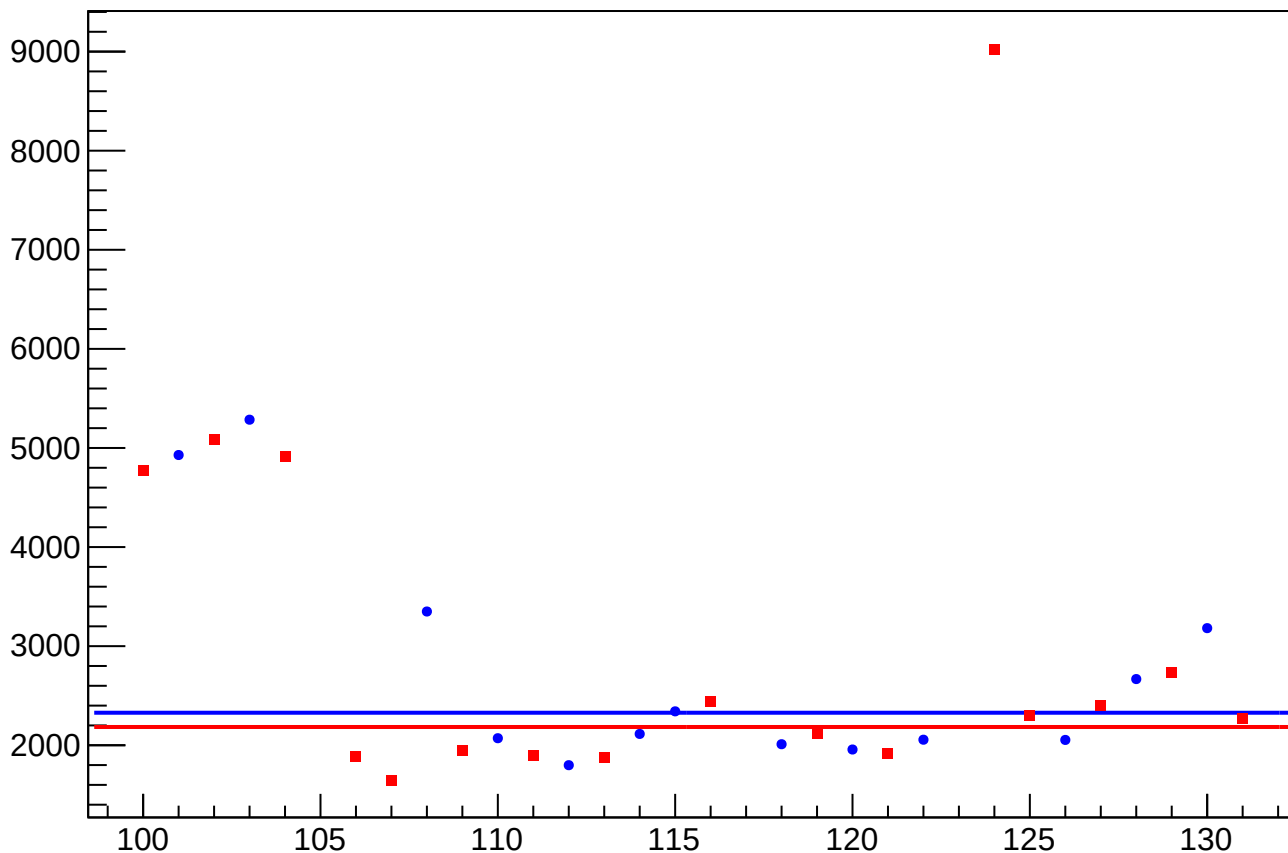
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.460+/-687.579 χ^2/NDF : 27.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_dit_correction_rms vs Slug



Right In: 2328.145 $\pm$ 0.738 χ^2 /NDF: 1089009.4/12

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

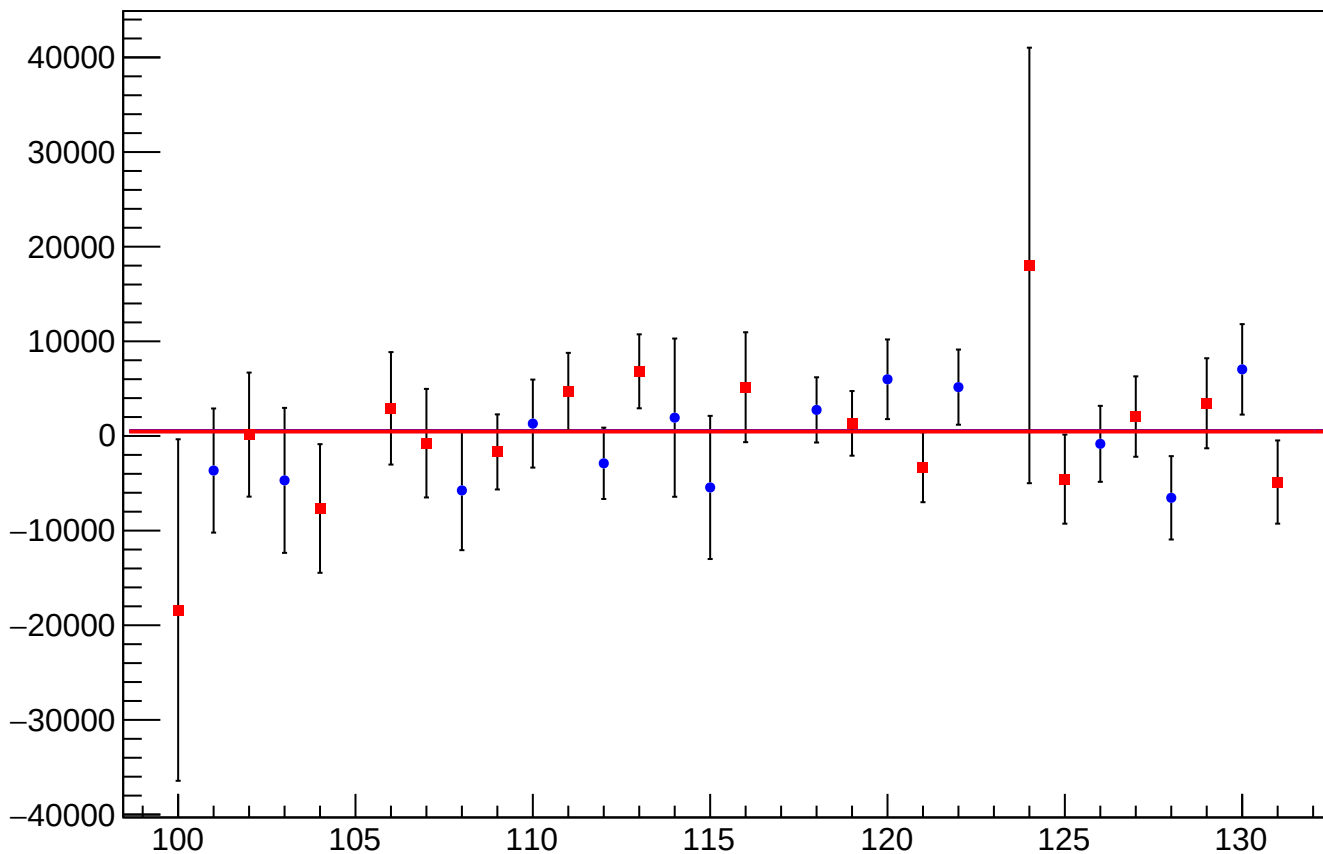
Right Out: 2184.278 $\pm$ 0.646 χ^2 /NDF: 1155586.6/15

All: 2246.648 $\pm$ 0.486 χ^2 /NDF: 2266099.2/28

- 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: 516.476+/-1318.401 χ^2 /NDF: 11.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 476.080+/-1211.163 χ^2 /NDF: 12.2/15

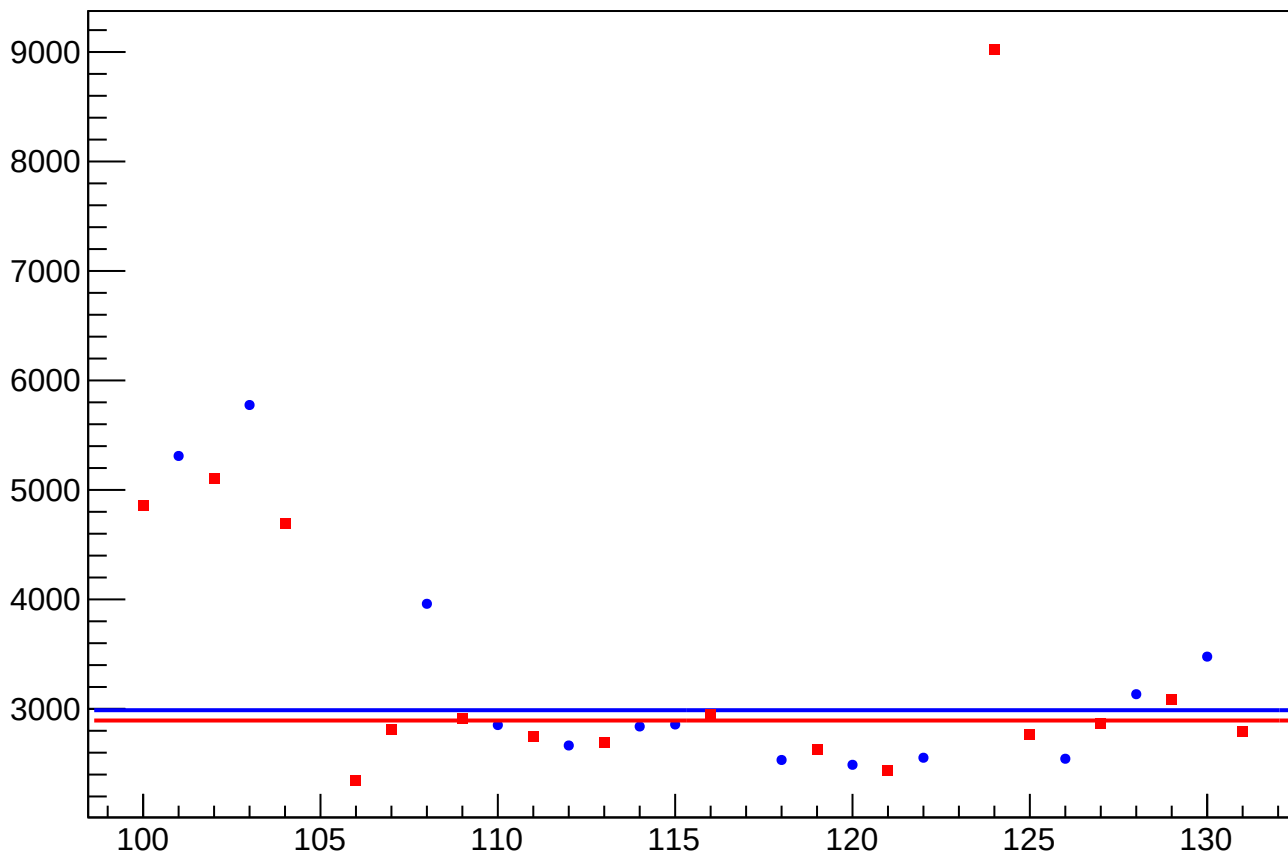
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 494.569+/-891.928 χ^2 /NDF: 23.6/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_rms vs Slug



Right In: 2987.980+/-0.932 χ^2/NDF : 715057.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2893.780+/-0.844 χ^2/NDF : 620053.3/15

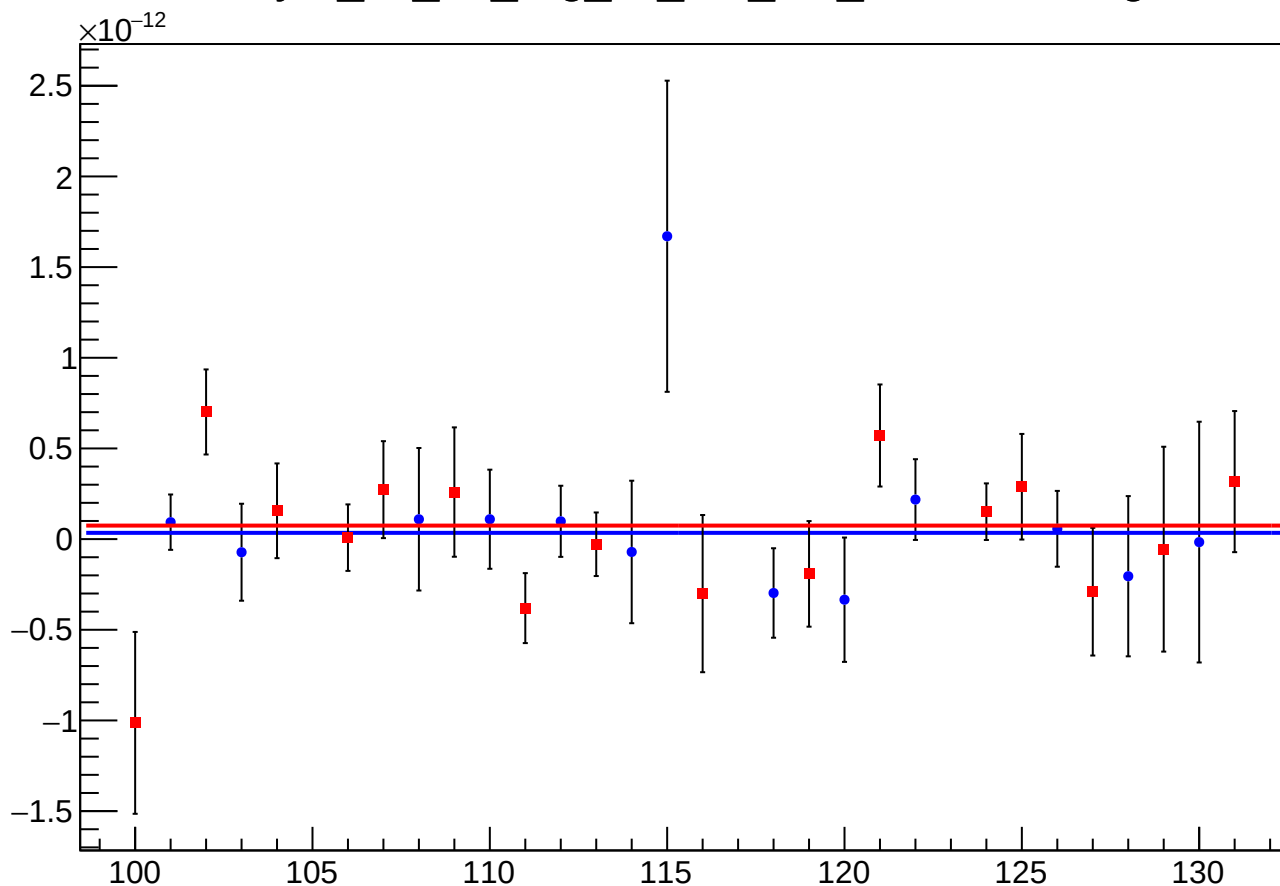
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2936.195+/-0.626 χ^2/NDF : 1340724.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 25.8/15

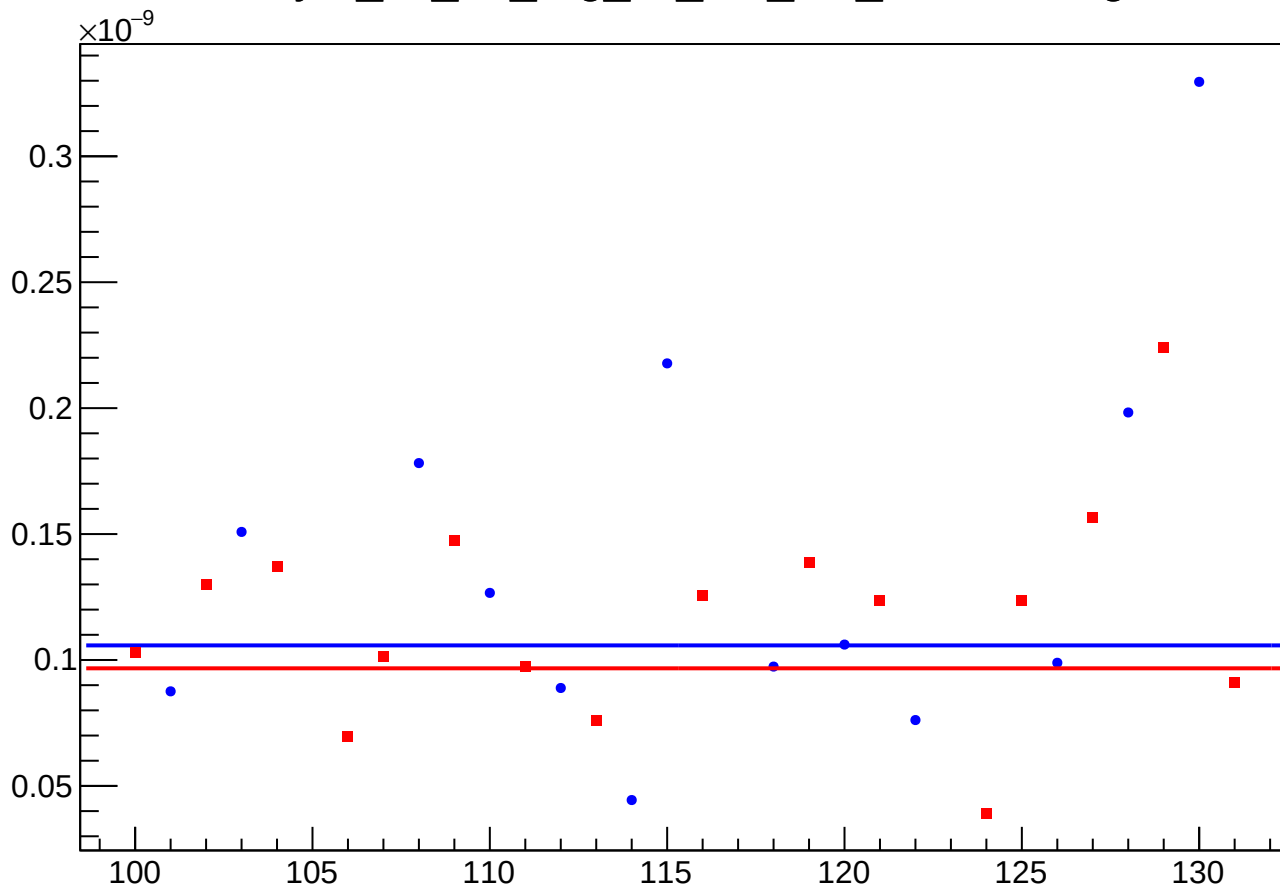
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 34.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 617504.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 720827.7/15

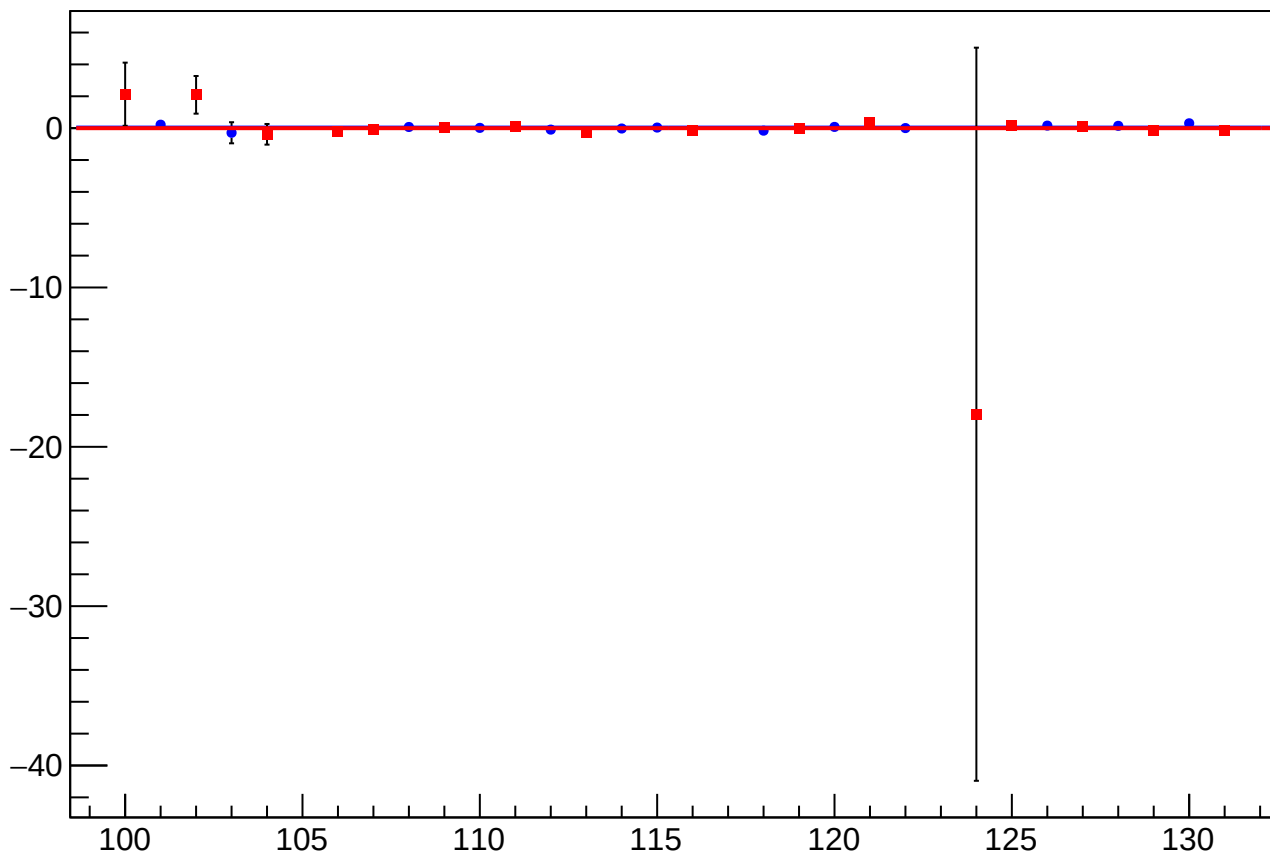
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 1355953.3/28

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_atl_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.034 $\pm$ 0.048 χ^2 /NDF: 6.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.002 $\pm$ 0.044 χ^2 /NDF: 20.7/15

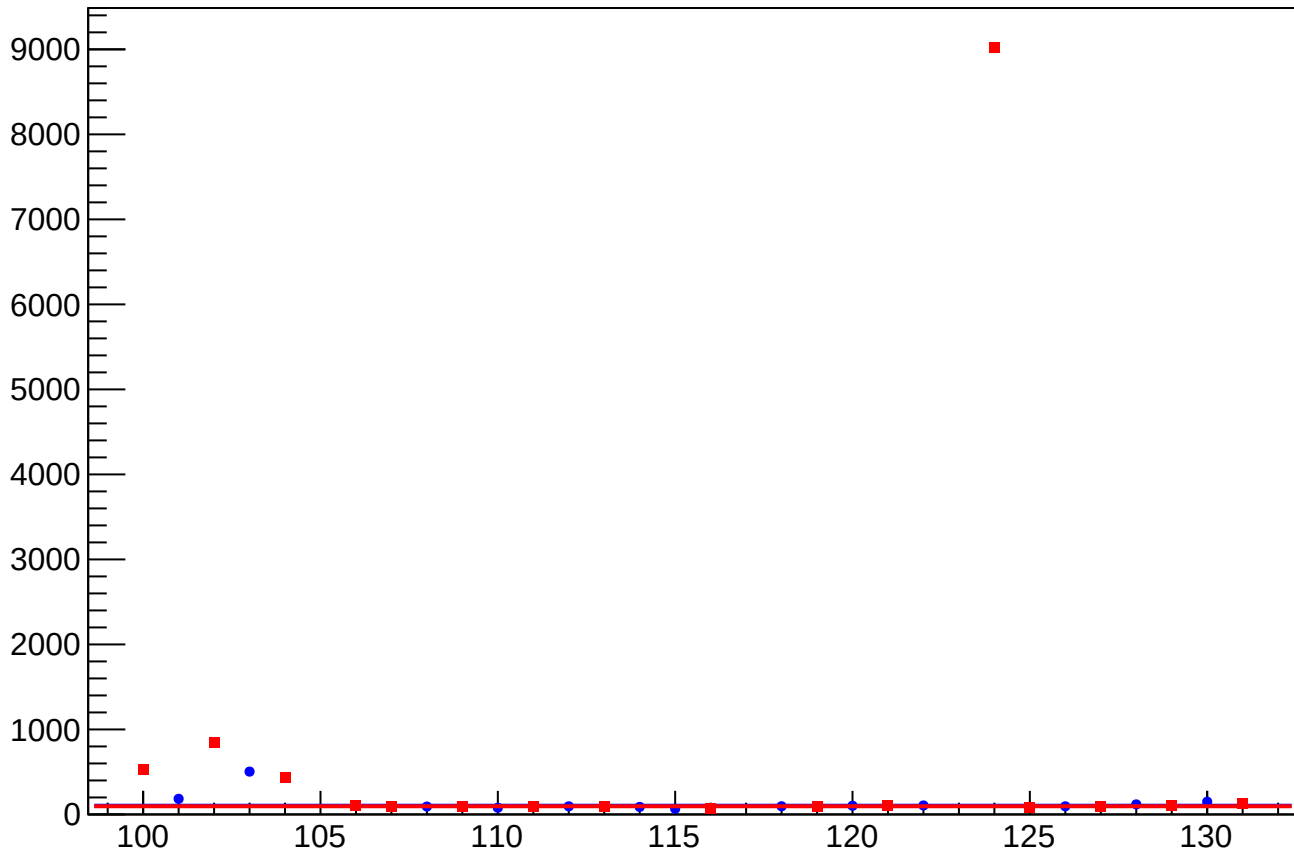
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.033 χ^2 /NDF: 27.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_dit_vs_cor_diff_rms vs Slug



Right In: 102.600 $\pm$ 0.034 χ^2 /NDF: 1253244.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 96.486 $\pm$ 0.031 χ^2 /NDF: 1864989.8/15

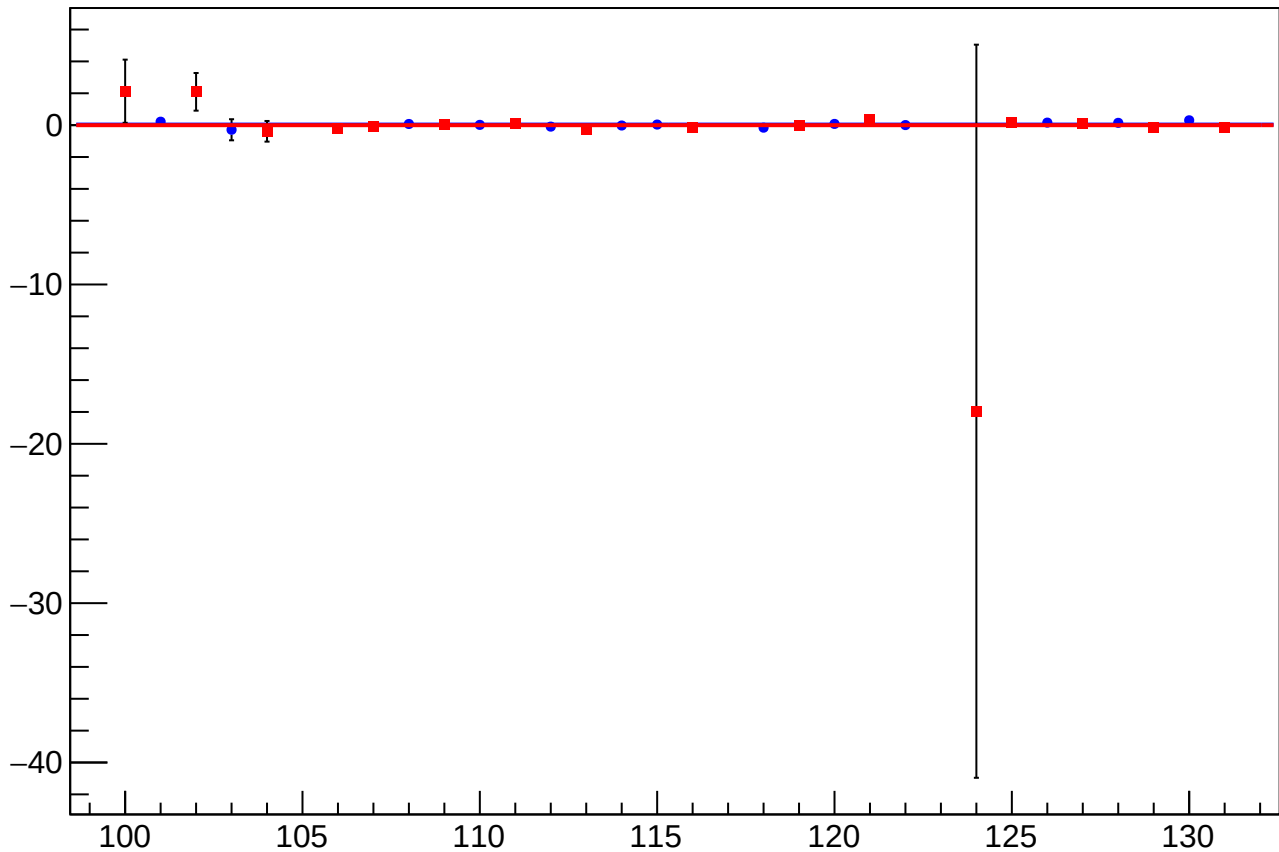
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 99.302 $\pm$ 0.023 χ^2 /NDF: 3135761.5/28

- 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: 0.034 $\pm$ 0.048 χ^2 /NDF: 6.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.002 $\pm$ 0.044 χ^2 /NDF: 20.7/15

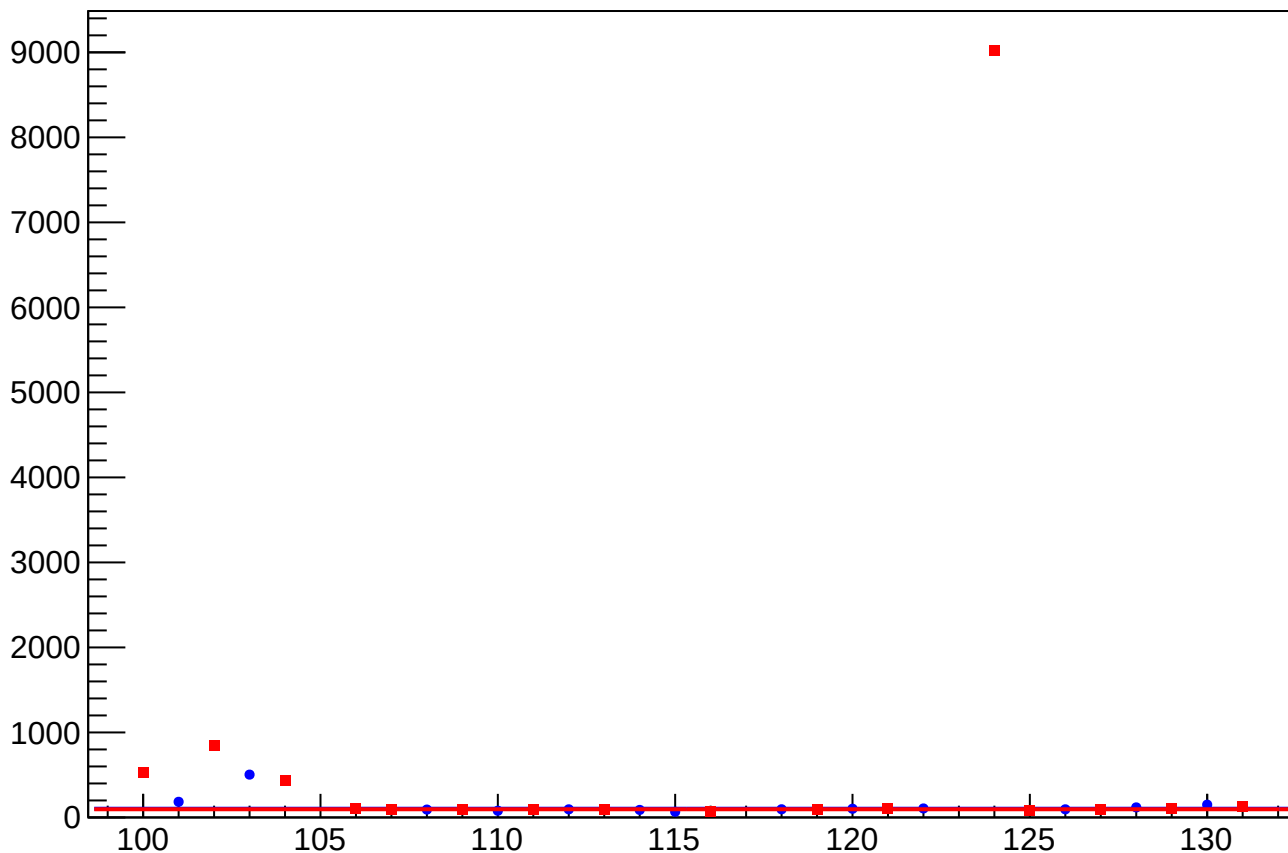
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.033 χ^2 /NDF: 27.6/28

- 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: 102.600 $\pm$ 0.034 χ^2 /NDF: 1253244.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 96.486 $\pm$ 0.031 χ^2 /NDF: 1864989.8/15

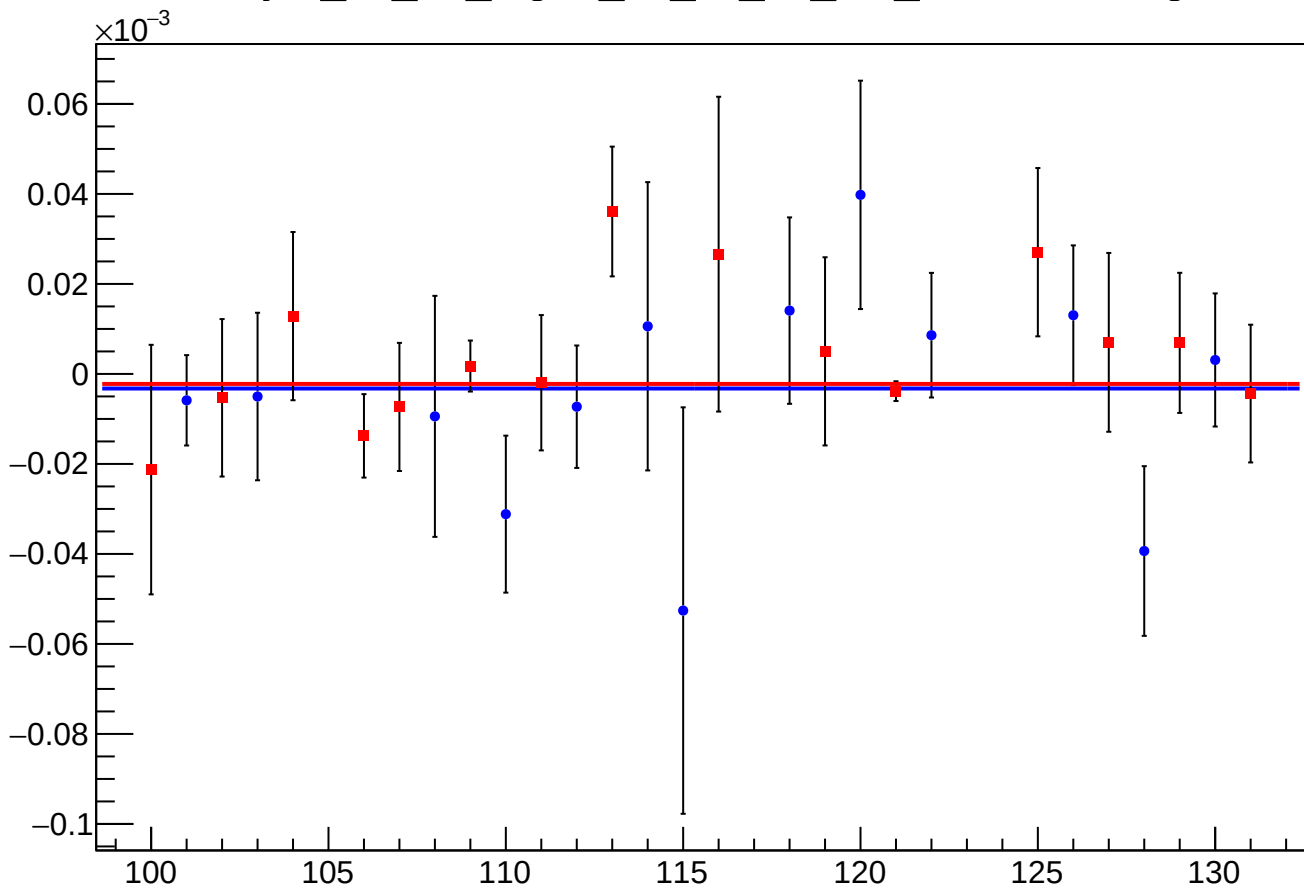
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 99.302 $\pm$ 0.023 χ^2 /NDF: 3135761.5/28

- 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 : 13.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 14.8/14

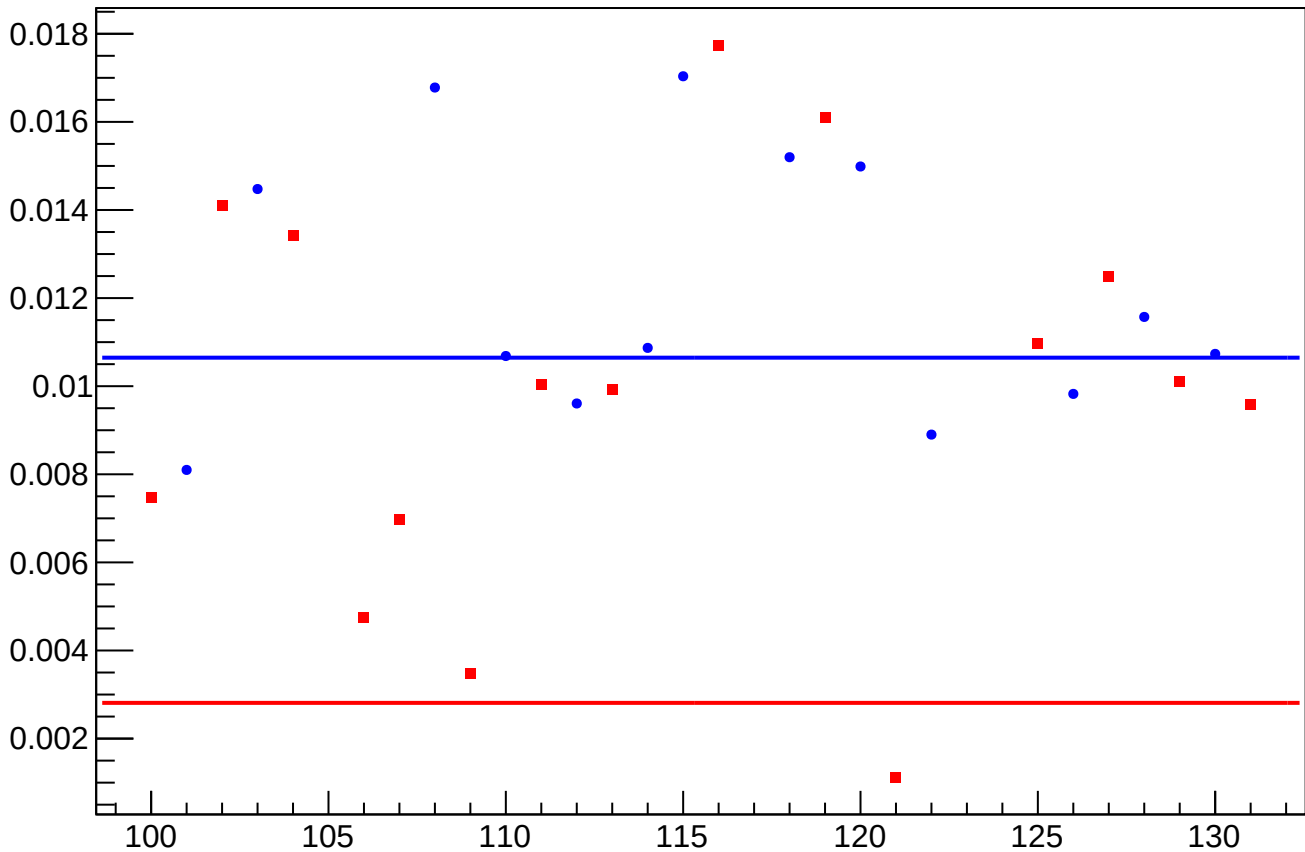
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 28.2/27

- 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: 0.011 $\pm$ 0.000 χ^2 /NDF: 567450.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.000 χ^2 /NDF: 6825806.7/14

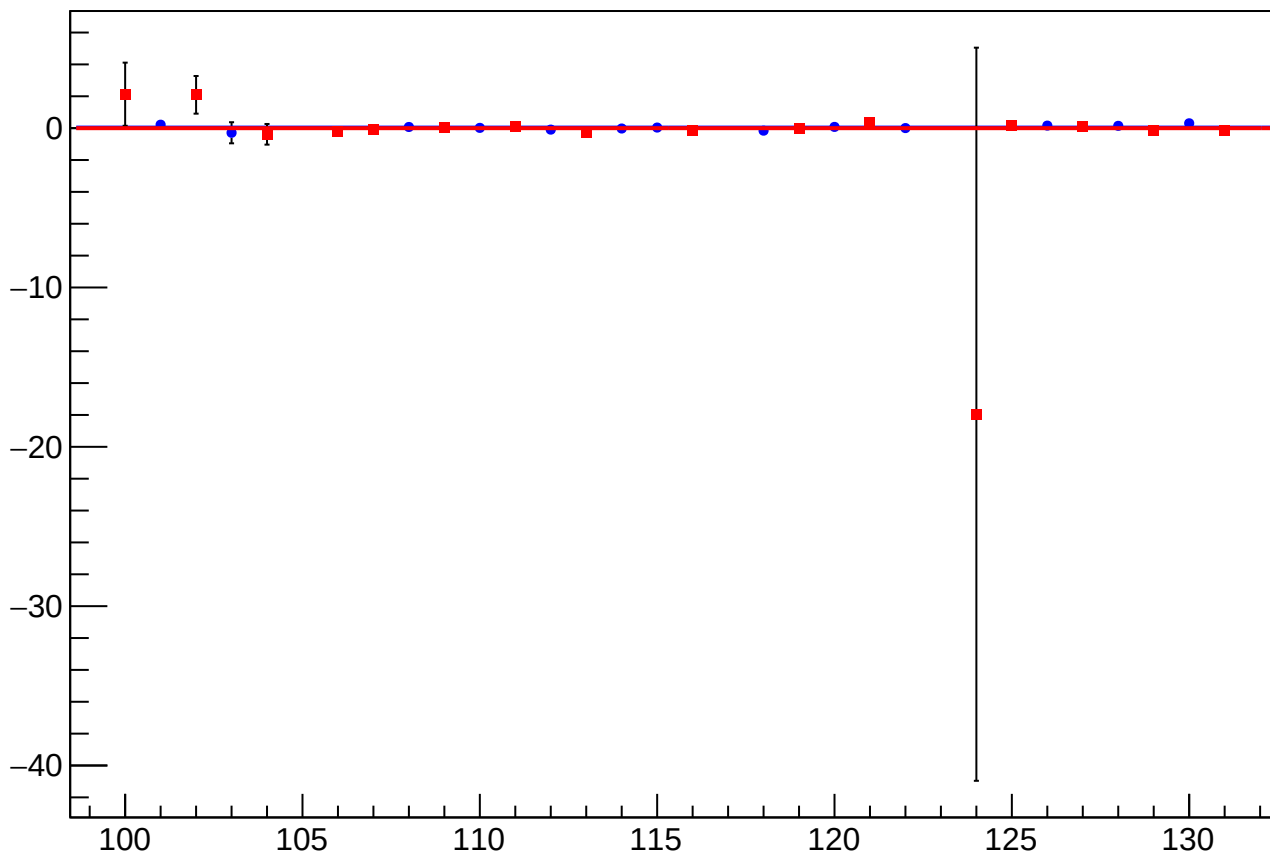
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.000 χ^2 /NDF: 12174471.9/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.034 $\pm$ 0.048 χ^2 /NDF: 6.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.044 χ^2 /NDF: 20.7/15

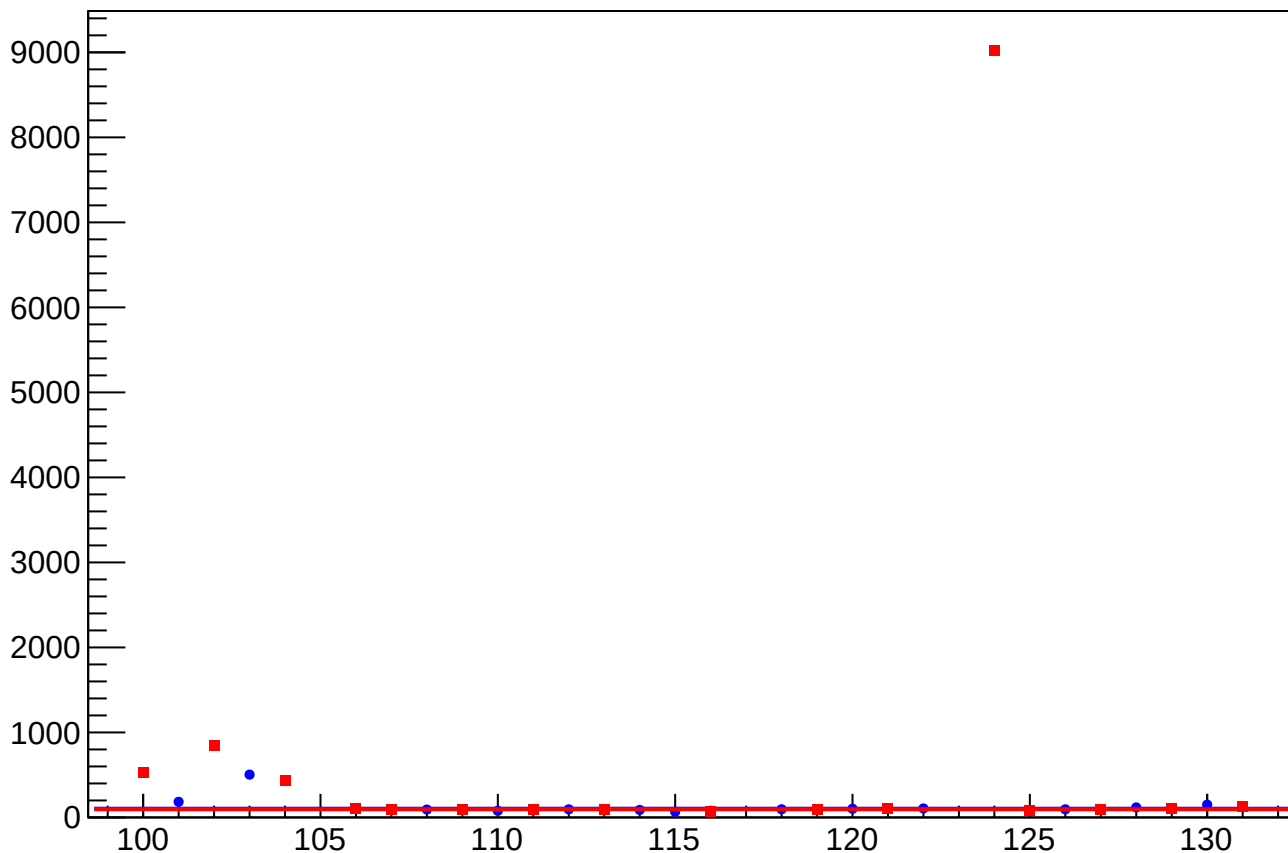
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.033 χ^2 /NDF: 27.6/28

- 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: 102.601 $\pm$ 0.034 χ^2 /NDF: 1253175.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 96.487 $\pm$ 0.031 χ^2 /NDF: 1864923.5/15

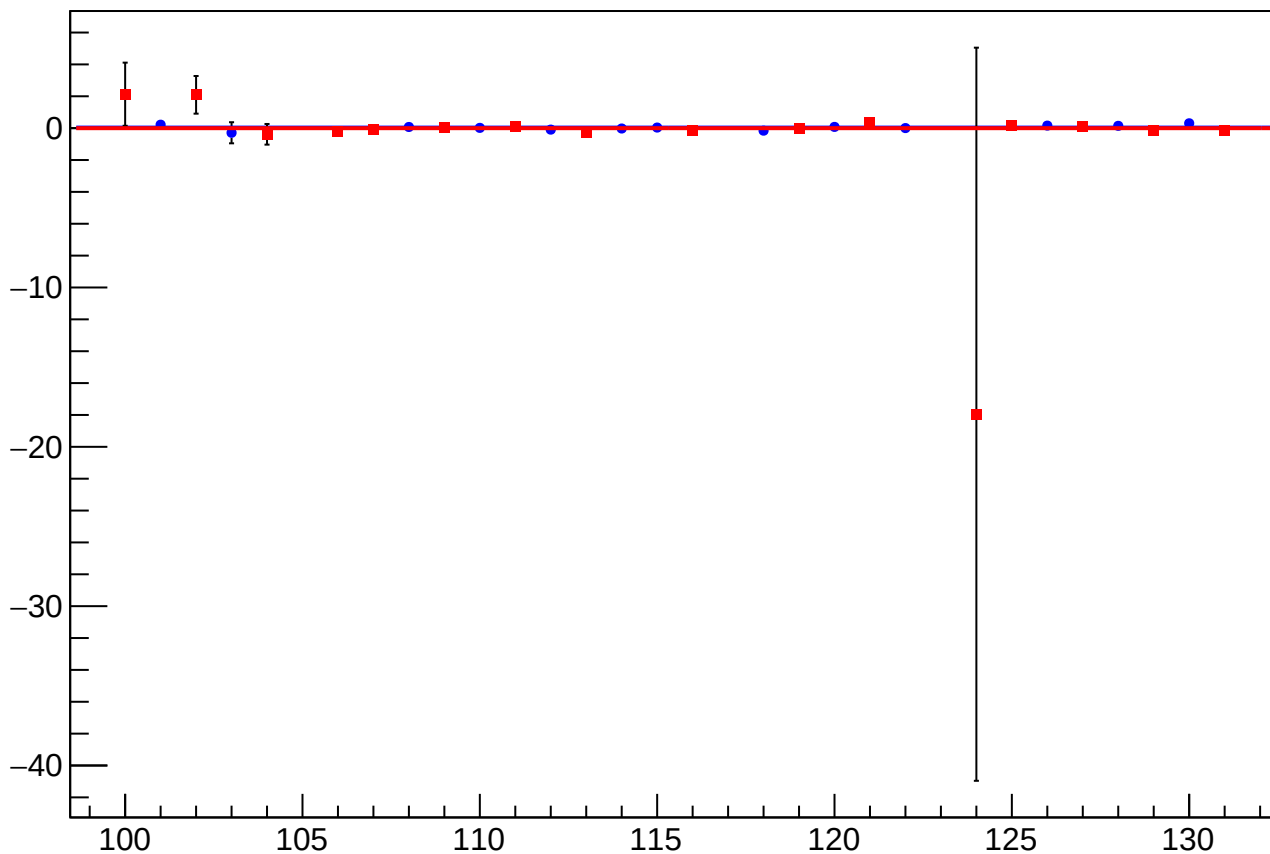
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 99.303 $\pm$ 0.023 χ^2 /NDF: 3135623.3/28

- 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: 0.034+/-0.048 χ^2/NDF : 6.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.002+/-0.044 χ^2/NDF : 20.7/15

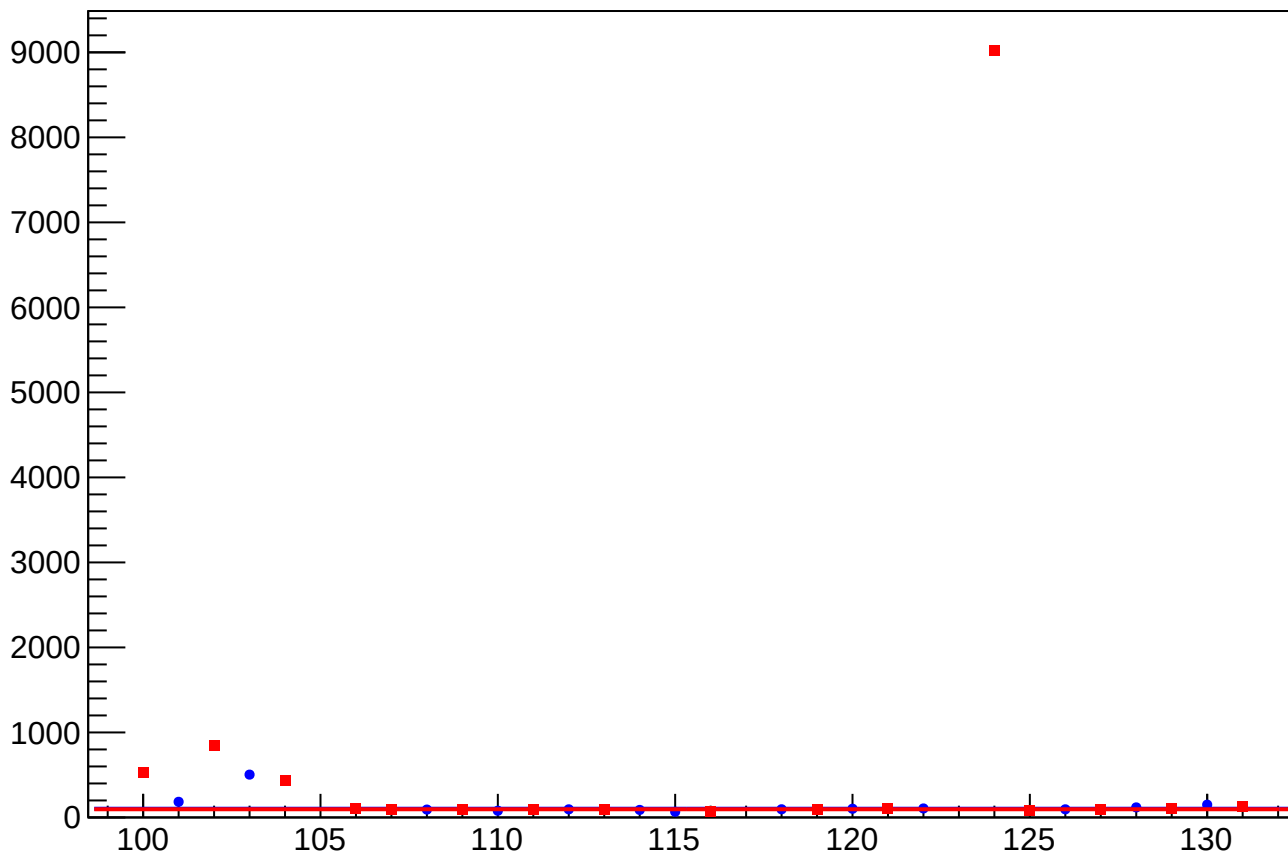
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.033 χ^2/NDF : 27.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 102.601 $\pm$ 0.034 χ^2/NDF : 1253175.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 96.487 $\pm$ 0.031 χ^2/NDF : 1864923.5/15

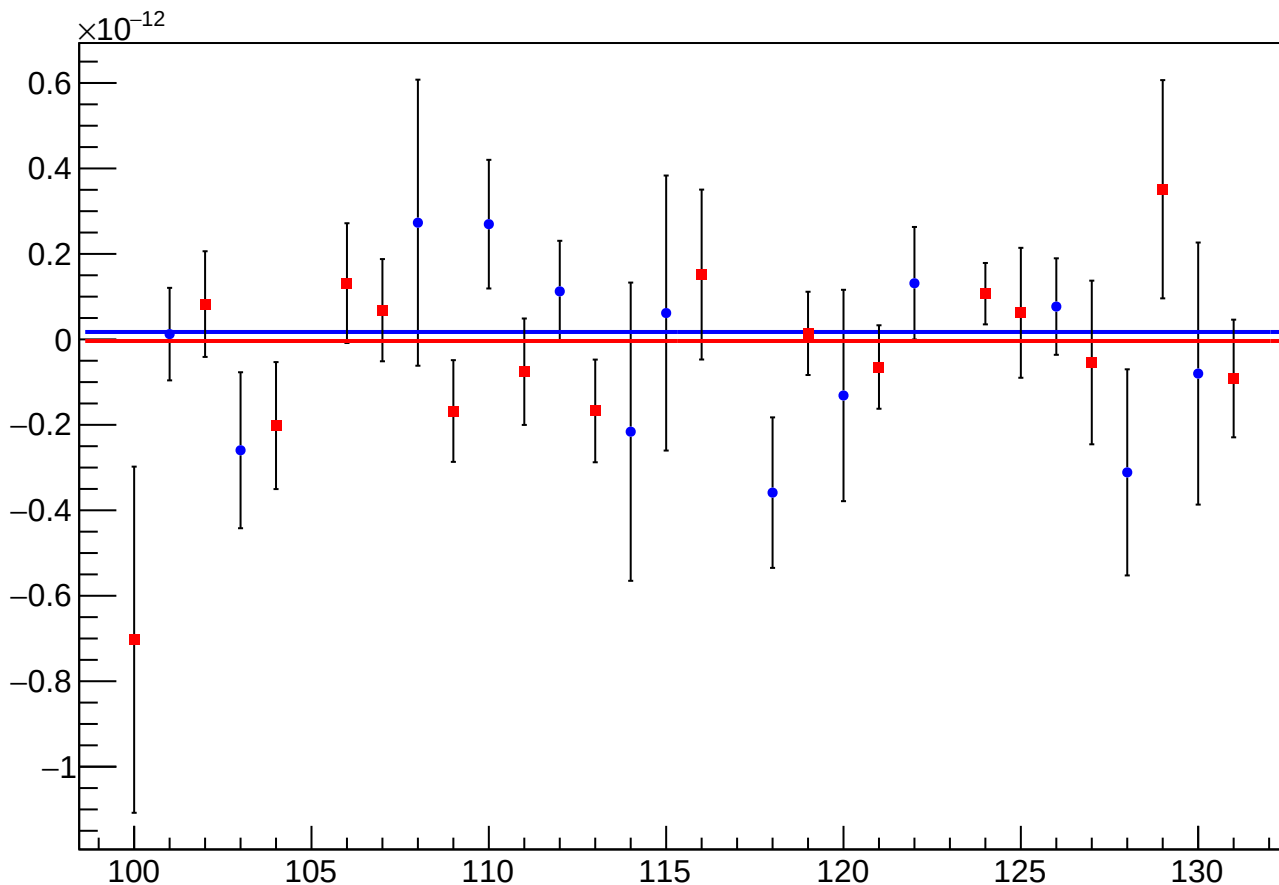
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 99.303 $\pm$ 0.023 χ^2/NDF : 3135623.3/28

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 16.6/15

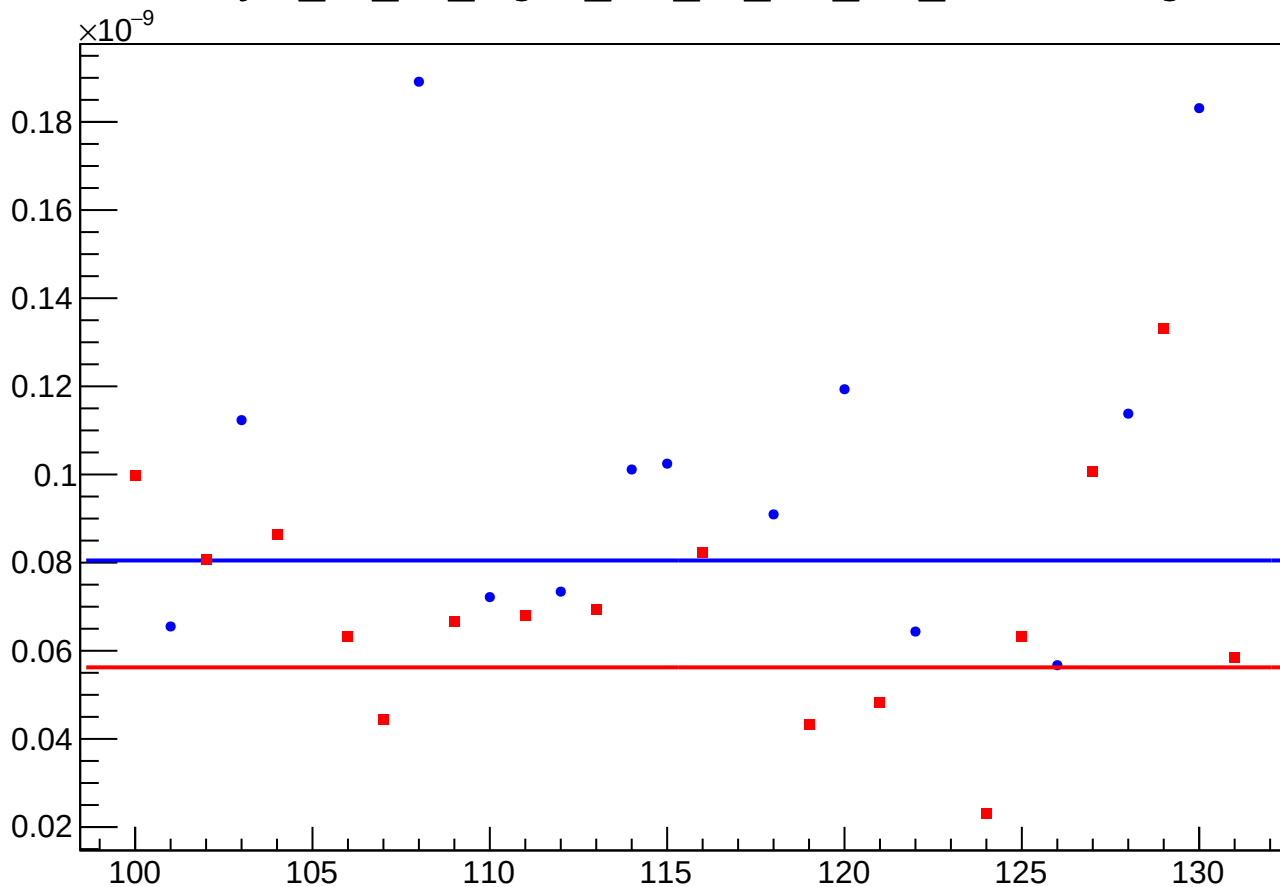
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 31.5/28

- 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 : 776599.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1070896.4/15

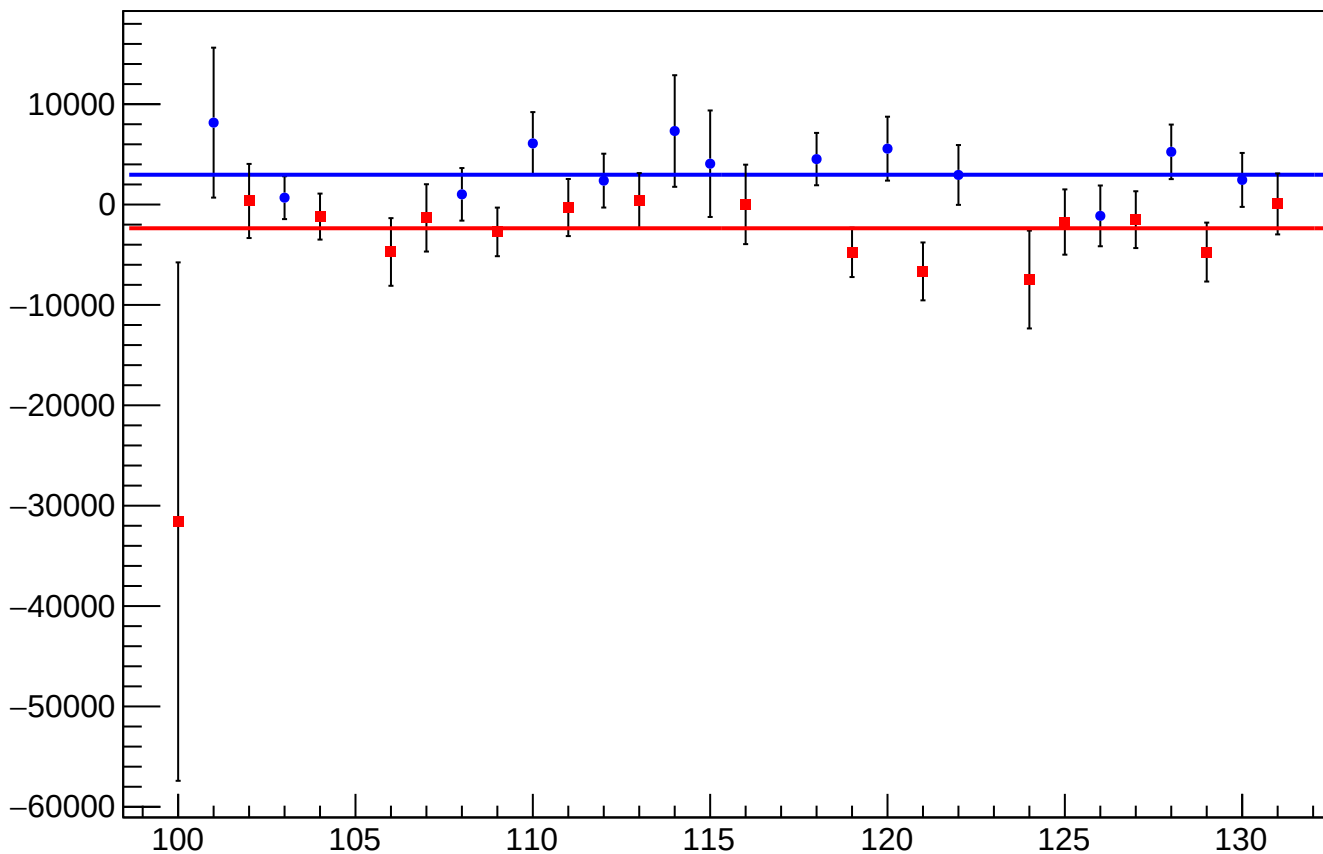
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2224957.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_mean vs Slug



Right In: 2969.039 $\pm$ 835.004 χ^2 /NDF: 7.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2363.271 $\pm$ 765.782 χ^2 /NDF: 10.3/15

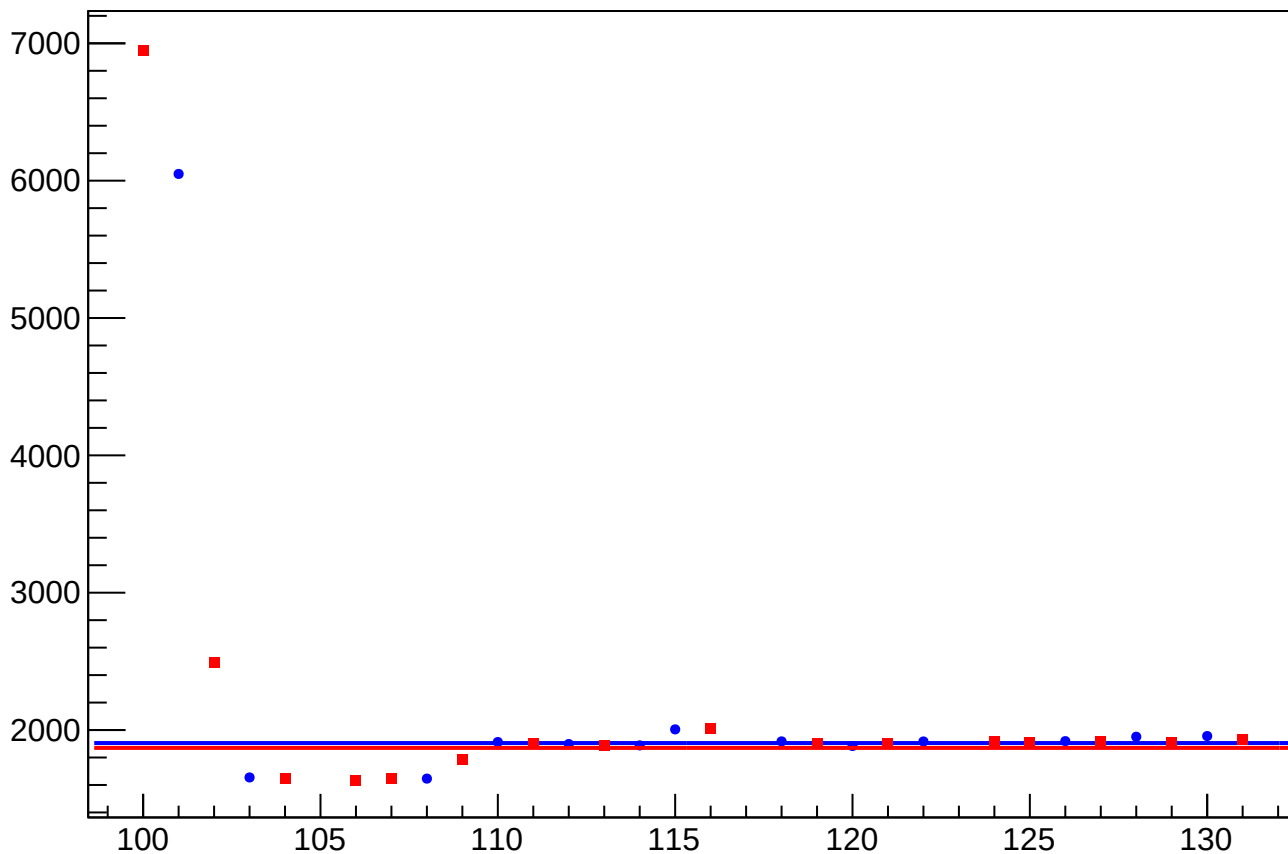
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 72.730 $\pm$ 564.378 χ^2 /NDF: 39.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_avg_rms vs Slug



Right In: 1905.294+/-0.590 χ^2/NDF : 664944.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1869.994+/-0.539 χ^2/NDF : 180622.0/15

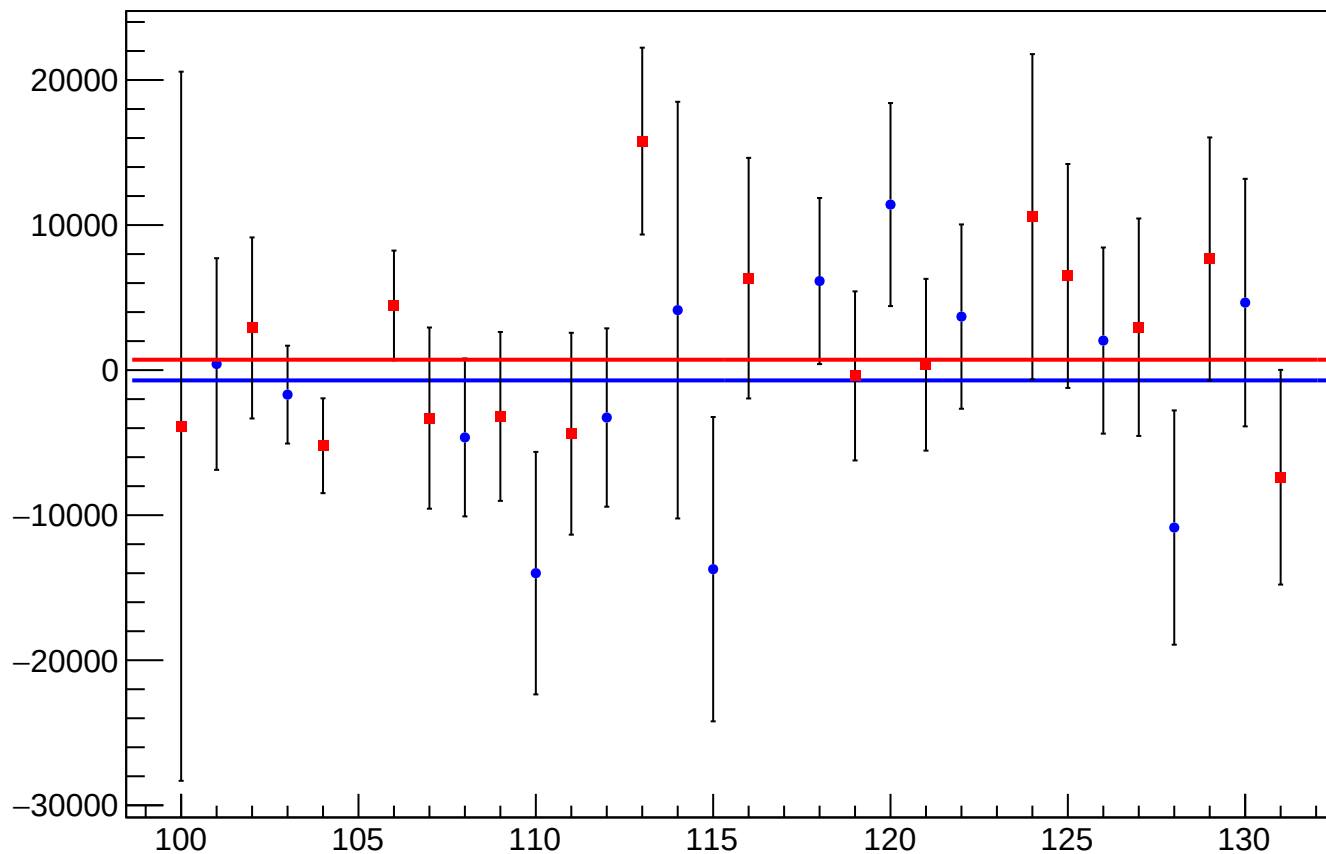
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1886.050+/-0.398 χ^2/NDF : 847515.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_reg_correction_mean vs Slug



Right In: -709.758+/-1756.339 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 717.332+/-1510.558 χ^2/NDF : 15.1/15

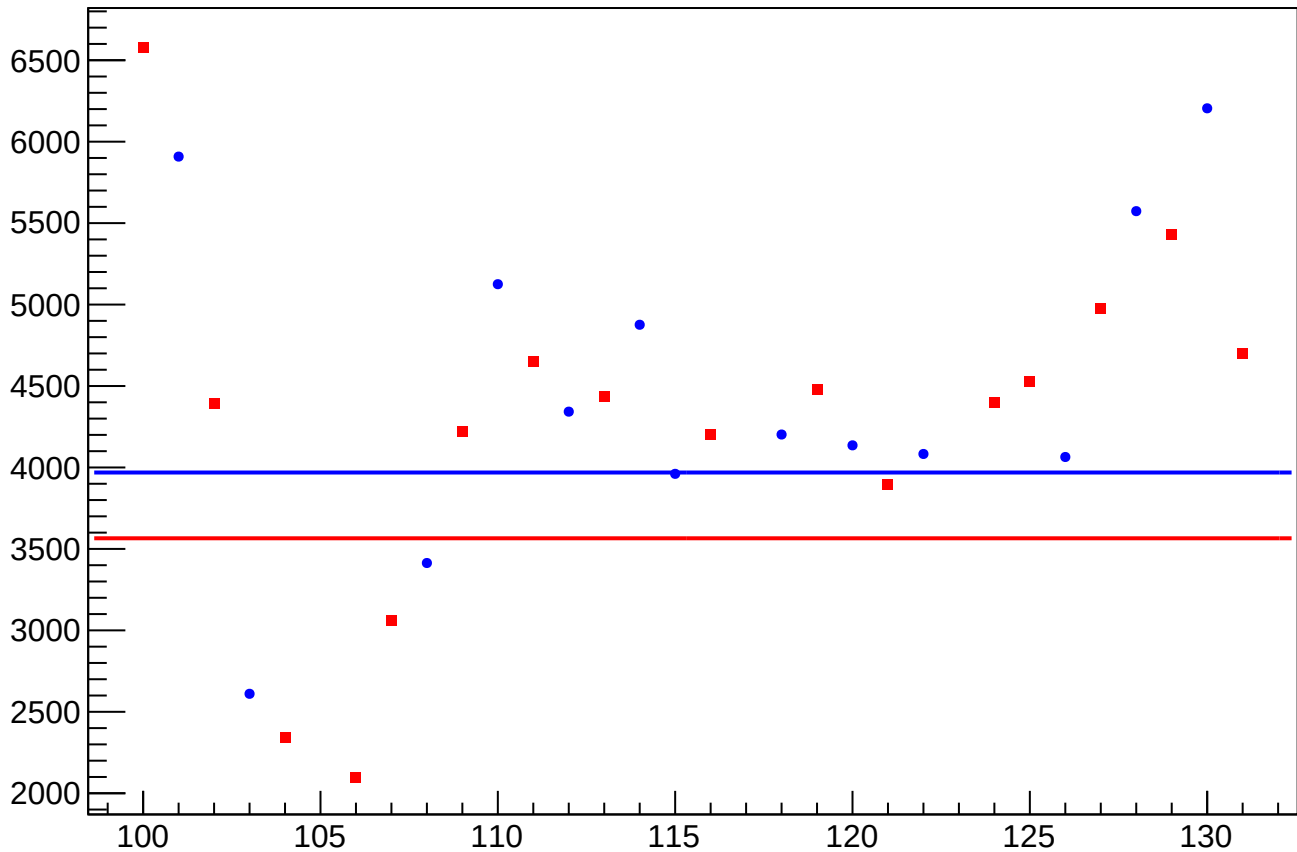
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.548+/-1145.248 χ^2/NDF : 27.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_reg_correction_rms vs Slug



Right In: 3969.038+/-1.242 χ^2/NDF : 762016.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

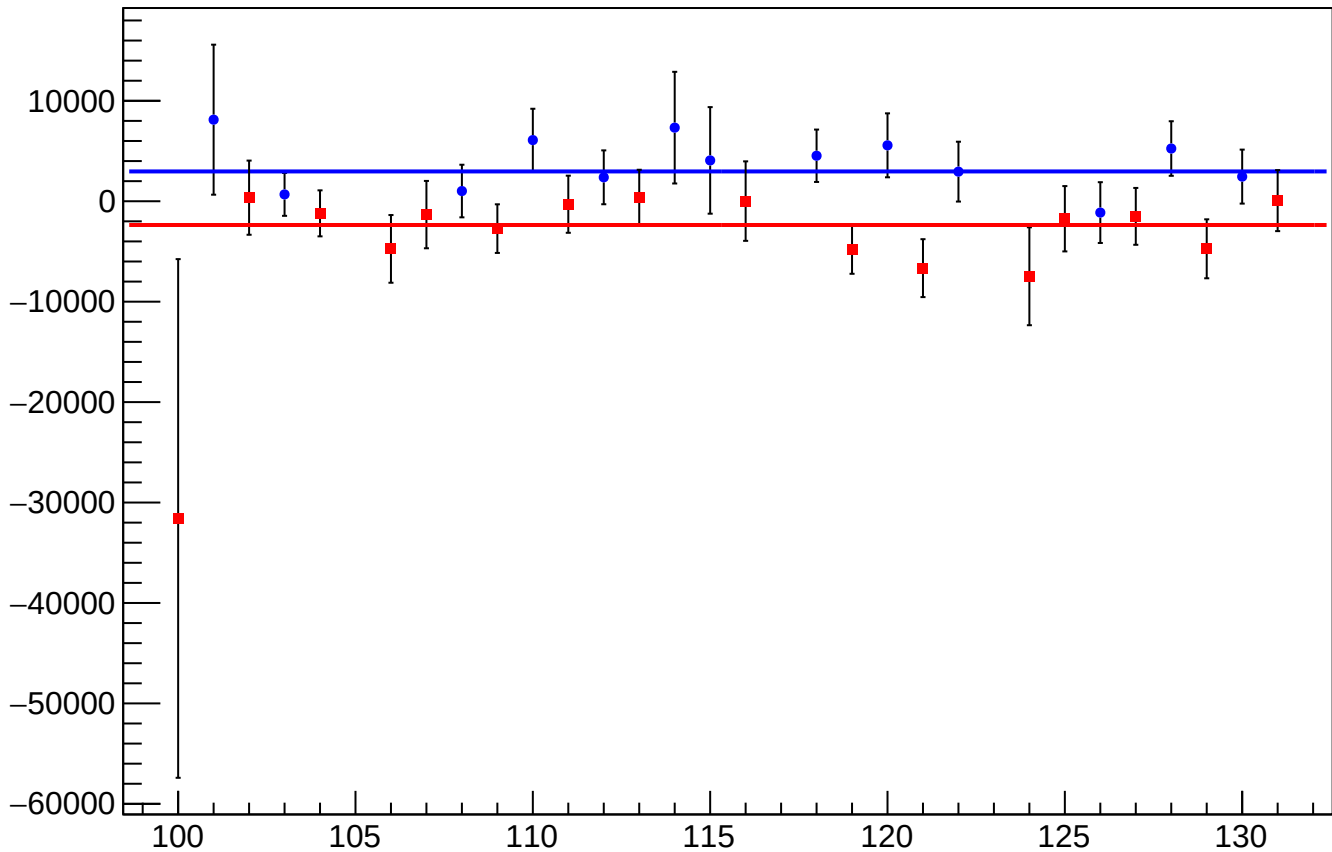
Right Out: 3565.258+/-1.068 χ^2/NDF : 1096985.0/15

All: 3736.941+/-0.810 χ^2/NDF : 1919762.7/28

- 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: 2968.123+/-835.005 χ^2/NDF : 7.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2364.678+/-765.787 χ^2/NDF : 10.3/15

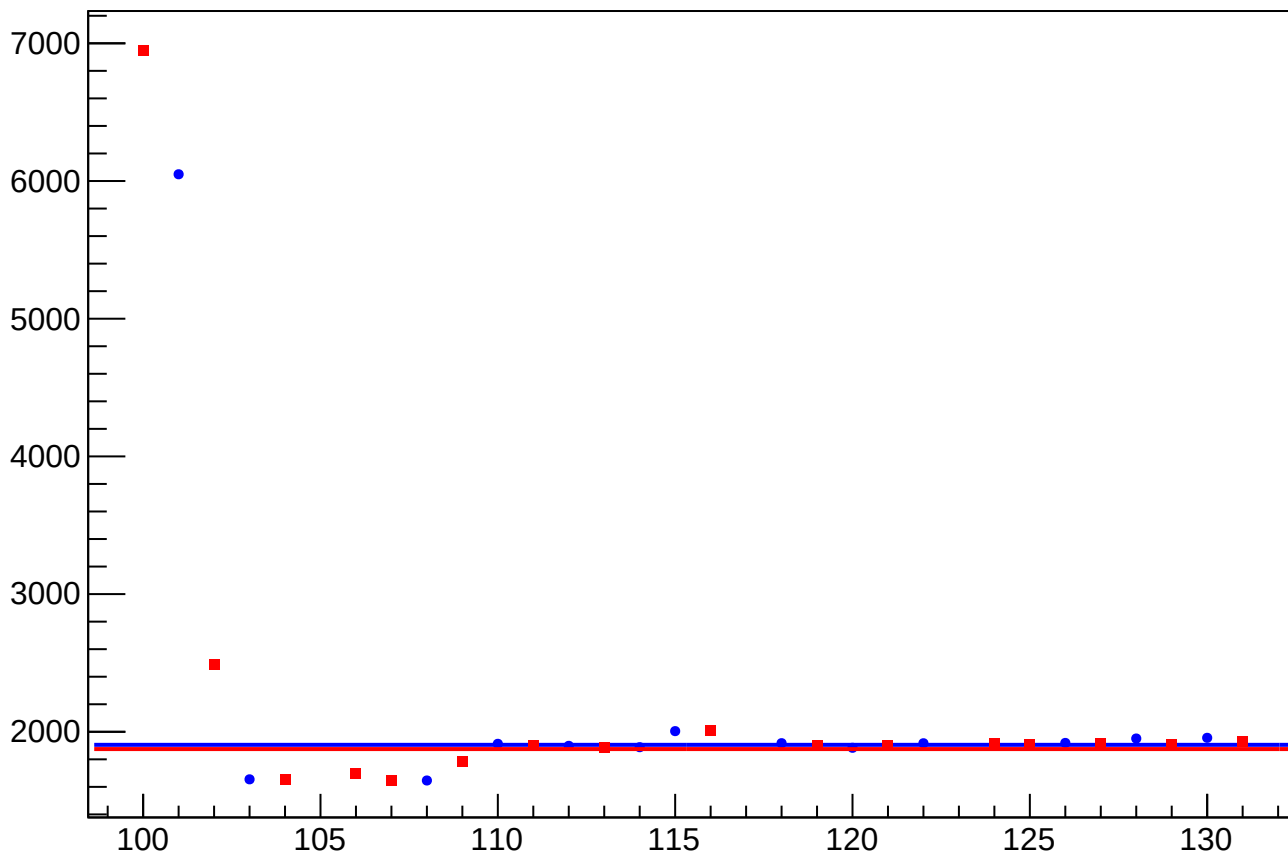
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.565+/-564.380 χ^2/NDF : 39.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr_avg_rms vs Slug



Right In: 1905.294+/-0.590 χ^2/NDF : 664943.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1874.524+/-0.541 χ^2/NDF : 174792.0/15

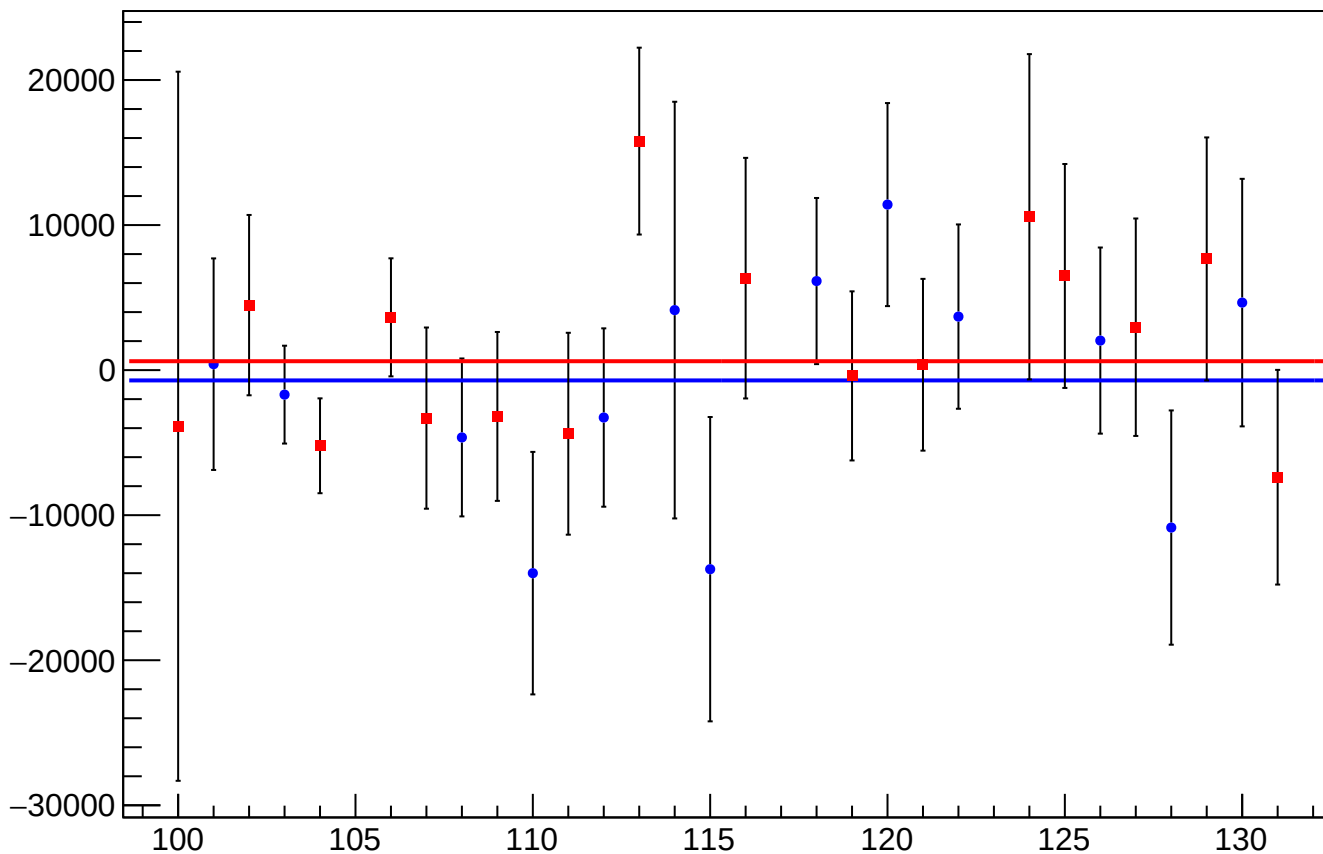
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1888.553+/-0.399 χ^2/NDF : 841213.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_cor_correction_mean vs Slug



Right In: -710.243+/-1756.344 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 614.341+/-1526.905 χ^2/NDF : 14.9/15

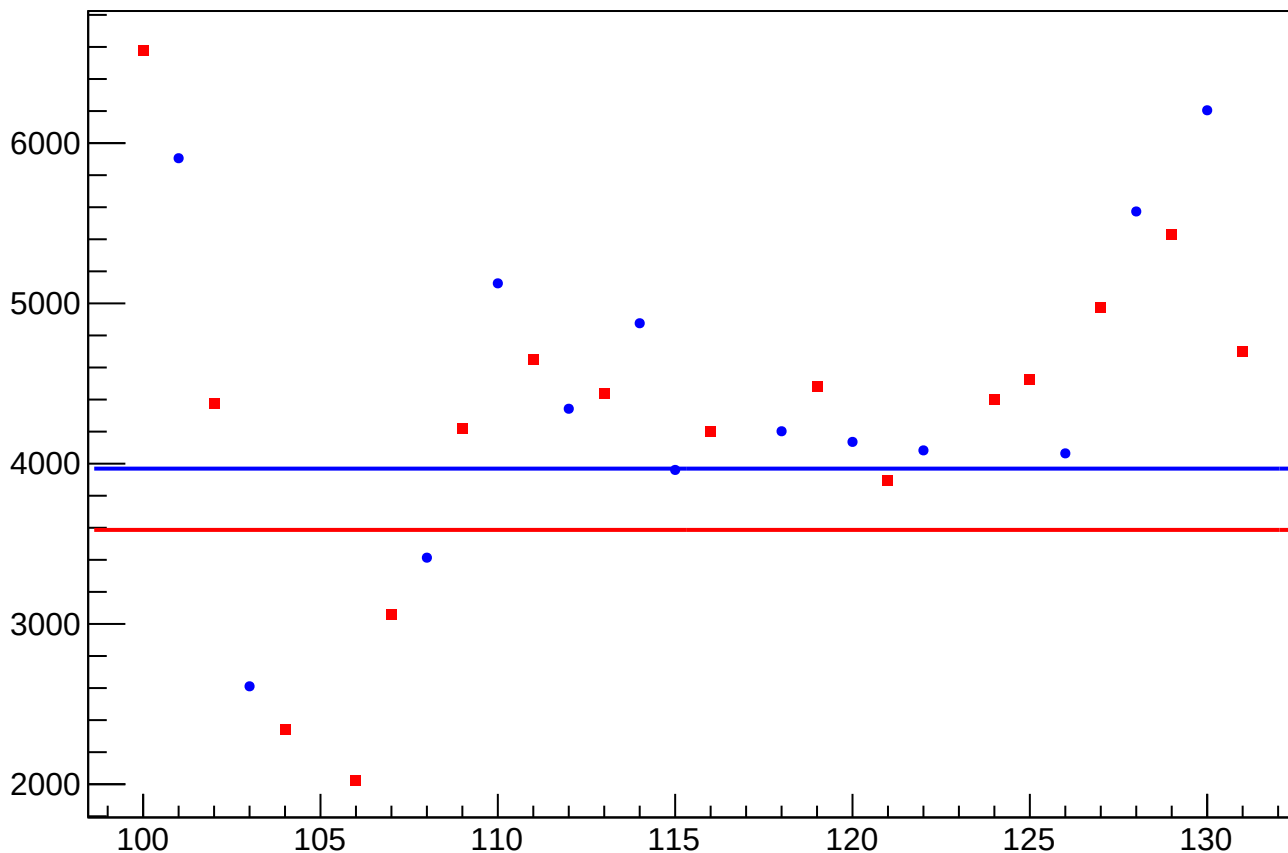
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.164+/-1152.325 χ^2/NDF : 27.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_cor_correction_rms vs Slug



Right In: 3969.154+/-1.242 χ^2/NDF : 761538.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

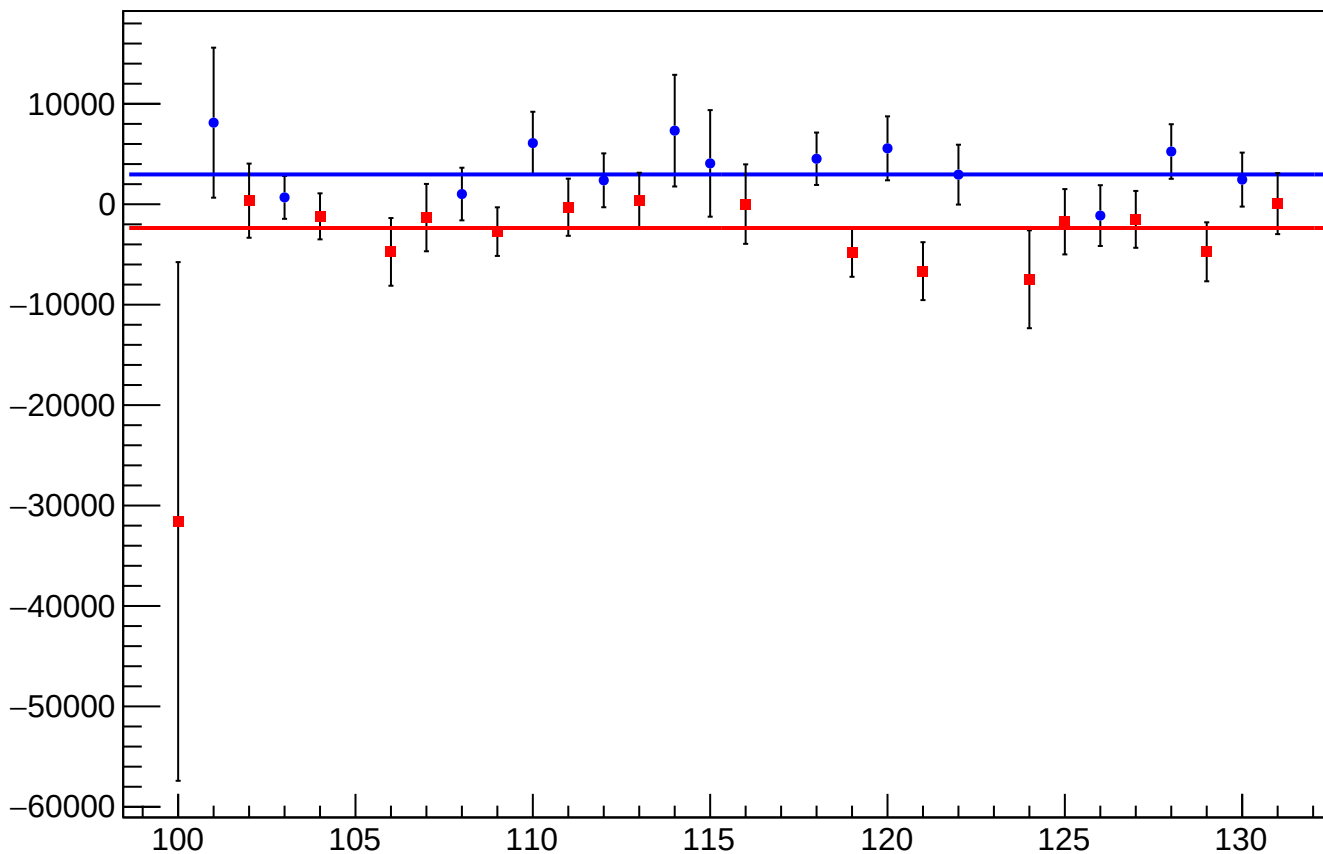
Right Out: 3586.745+/-1.080 χ^2/NDF : 1080529.1/15

All: 3751.356+/-0.815 χ^2/NDF : 1896067.4/28

- 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: 2968.123+/-835.005 χ^2/NDF : 7.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2364.678+/-765.787 χ^2/NDF : 10.3/15

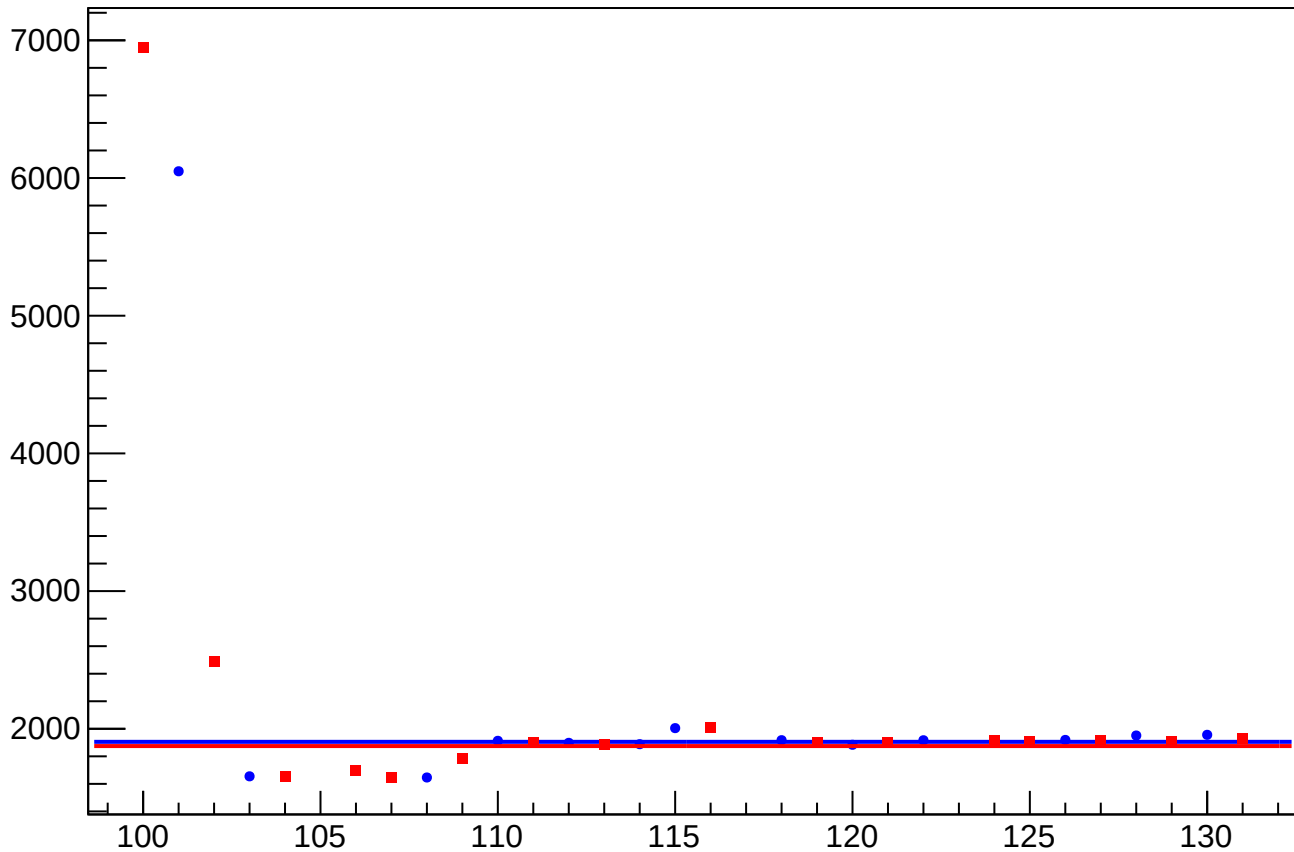
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.565+/-564.380 χ^2/NDF : 39.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr_avg_rms vs Slug



Right In: 1905.294+/-0.590 χ^2/NDF : 664943.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1874.524+/-0.541 χ^2/NDF : 174792.0/15

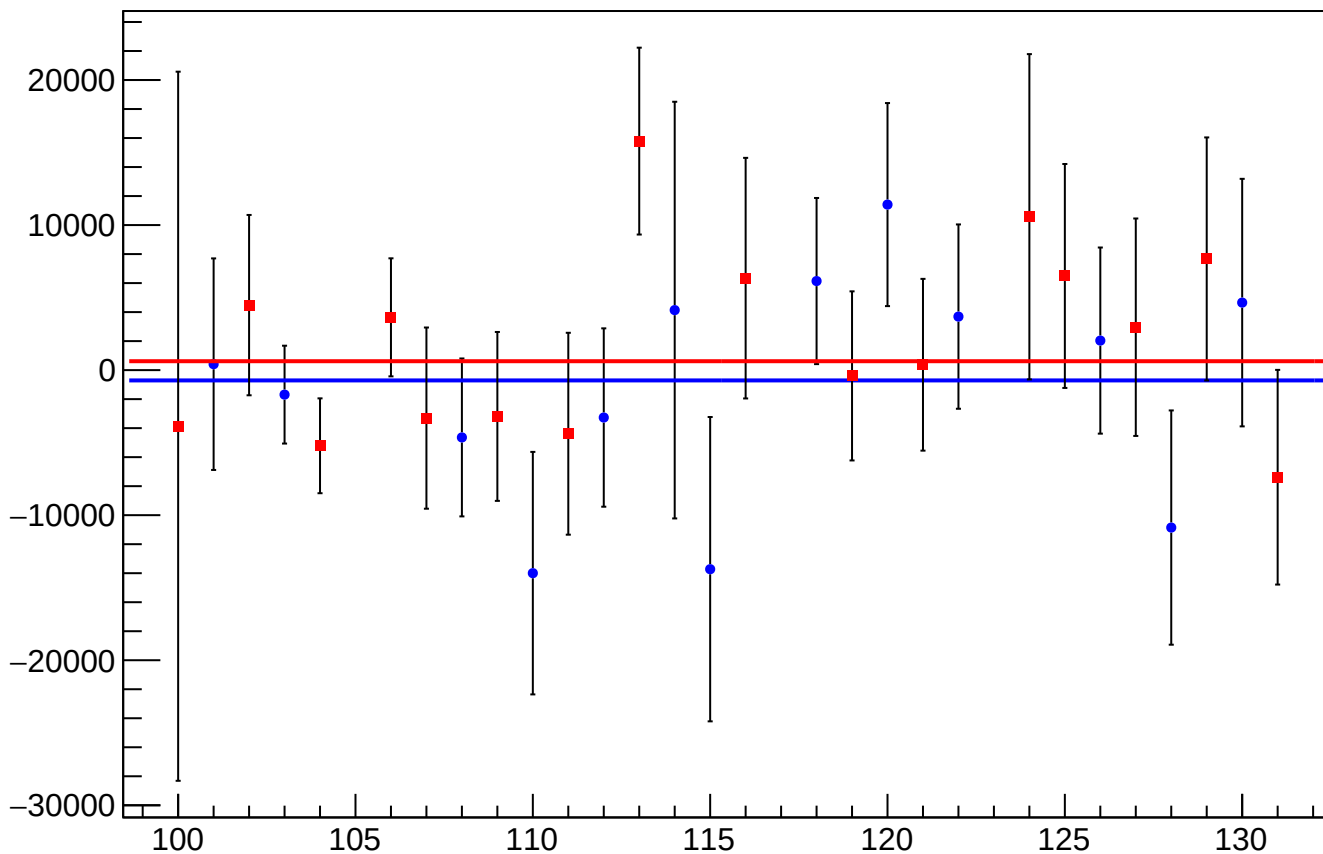
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1888.553+/-0.399 χ^2/NDF : 841213.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_cor_correction_mean vs Slug



Right In: -710.243+/-1756.344 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 614.341+/-1526.905 χ^2/NDF : 14.9/15

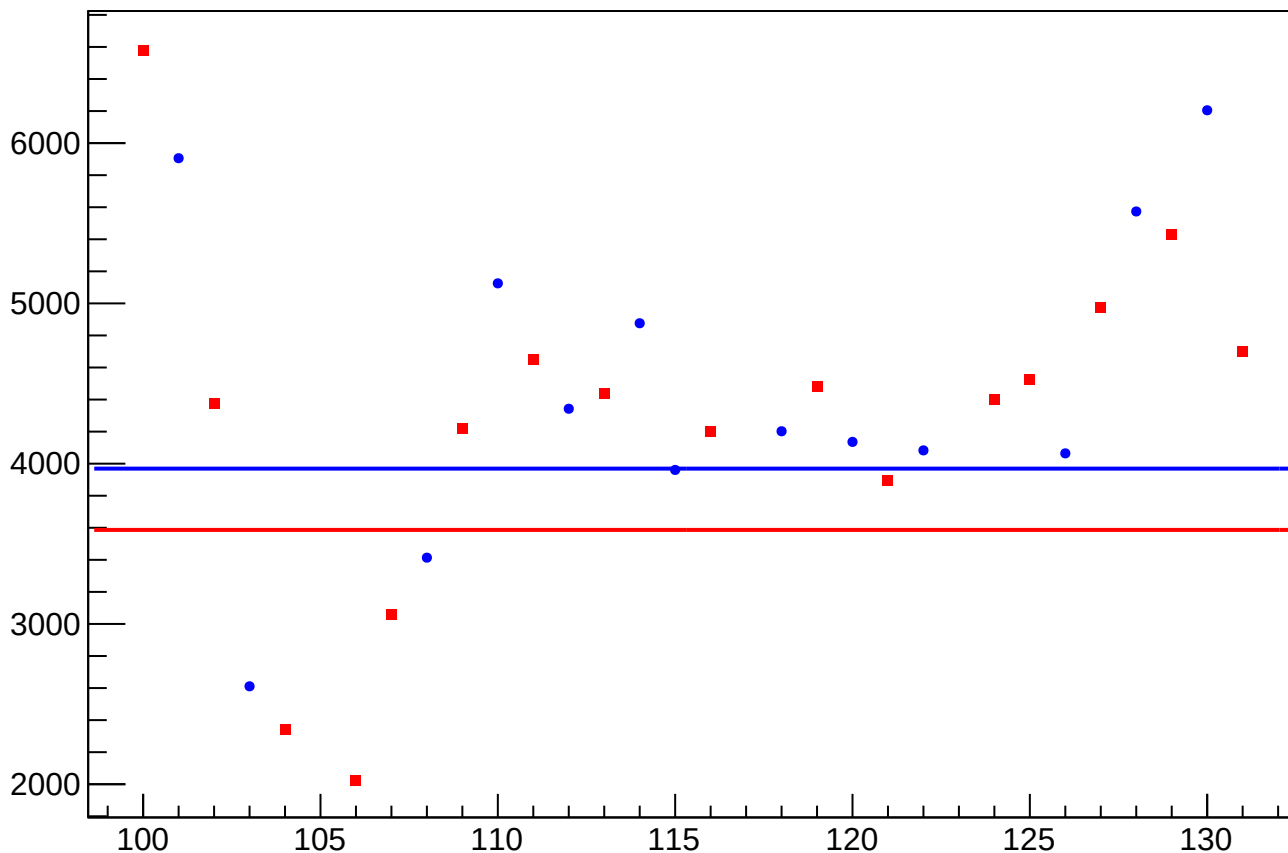
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.164+/-1152.325 χ^2/NDF : 27.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_cor_correction_rms vs Slug



Right In: 3969.154+/-1.242 χ^2/NDF : 761538.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

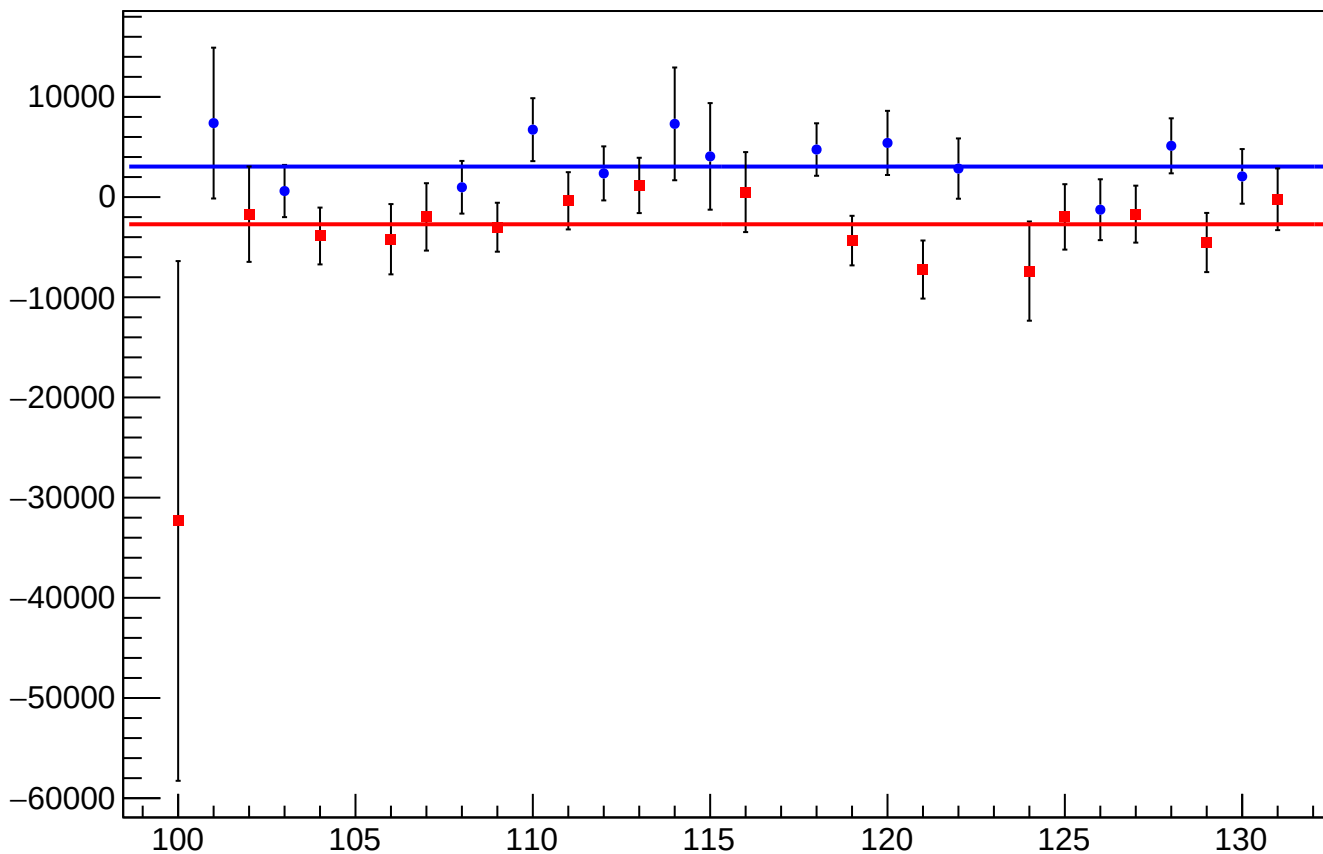
Right Out: 3586.745+/-1.080 χ^2/NDF : 1080529.1/15

All: 3751.356+/-0.815 χ^2/NDF : 1896067.4/28

- 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: 3046.882 $\pm$ 862.571 χ^2 /NDF: 7.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2713.032 $\pm$ 794.480 χ^2 /NDF: 10.0/15

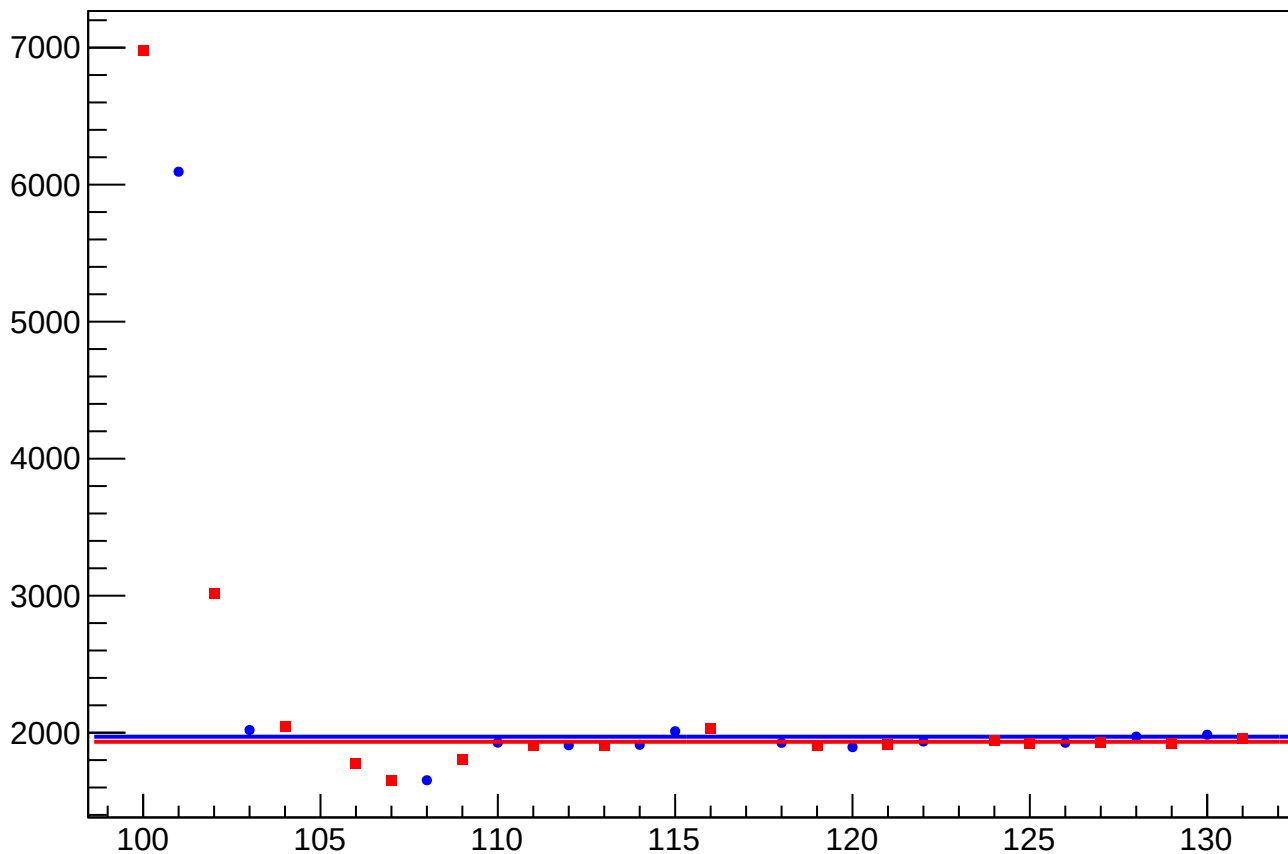
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -69.362 $\pm$ 584.374 χ^2 /NDF: 41.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atr_avg_rms vs Slug



Right In: 1970.842 $\pm$ 0.610 χ^2 /NDF: 634322.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1933.776 $\pm$ 0.561 χ^2 /NDF: 208840.1/15

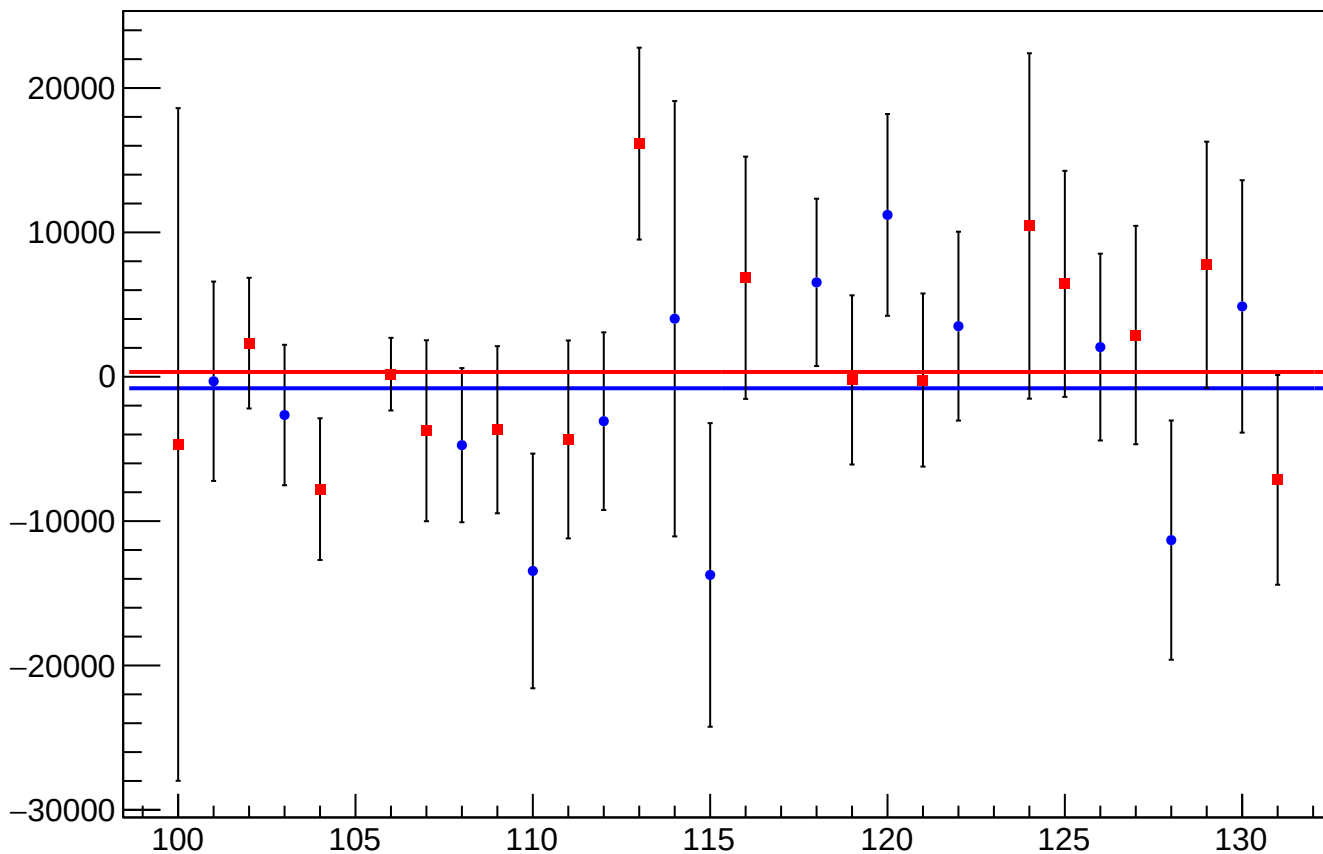
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1950.770 $\pm$ 0.413 χ^2 /NDF: 845162.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_dit_correction_mean vs Slug



Right In: -797.244+/-1895.185 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 330.962+/-1422.896 χ^2/NDF : 13.9/15

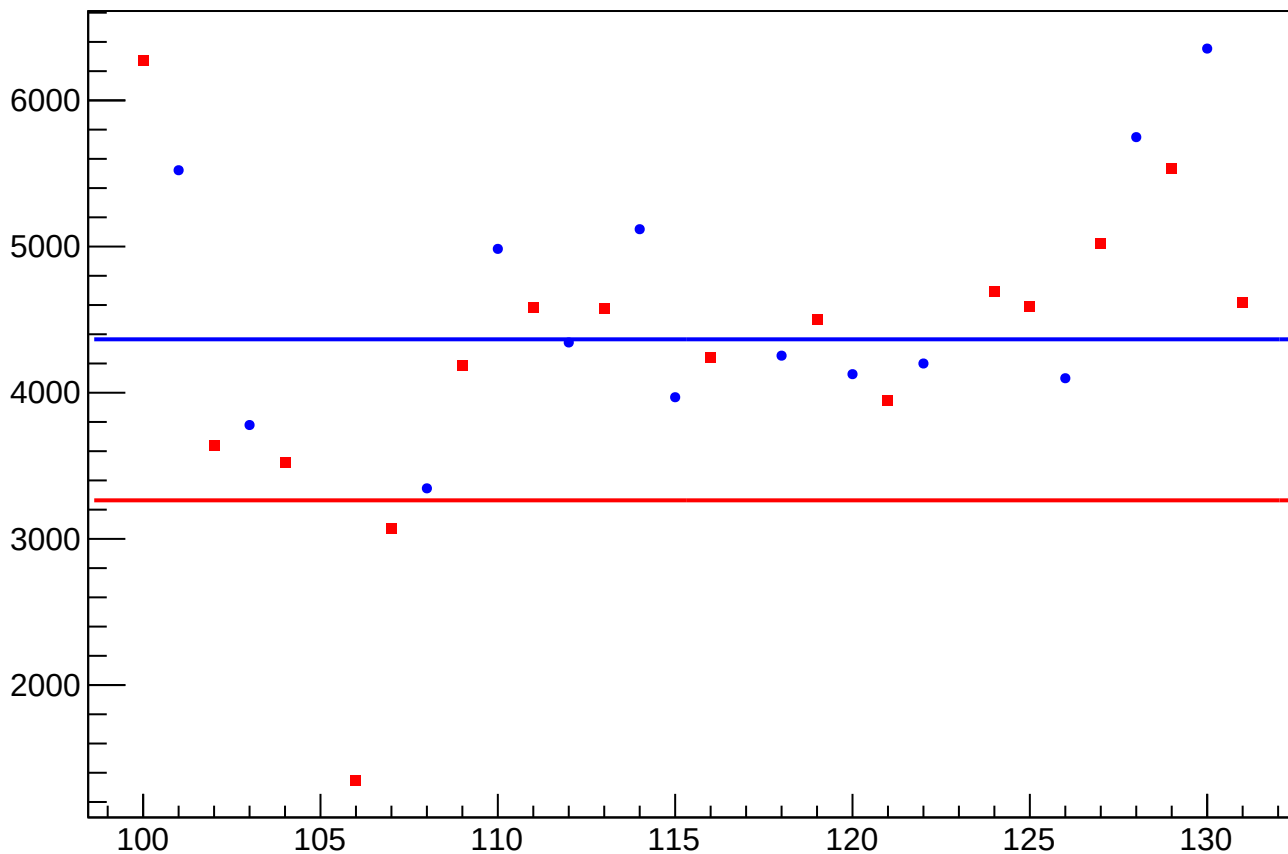
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -75.743+/-1137.882 χ^2/NDF : 26.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_correction_rms vs Slug



Right In: 4365.368 ± 1.340 $\chi^2/\text{NDF}: 344544.8/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

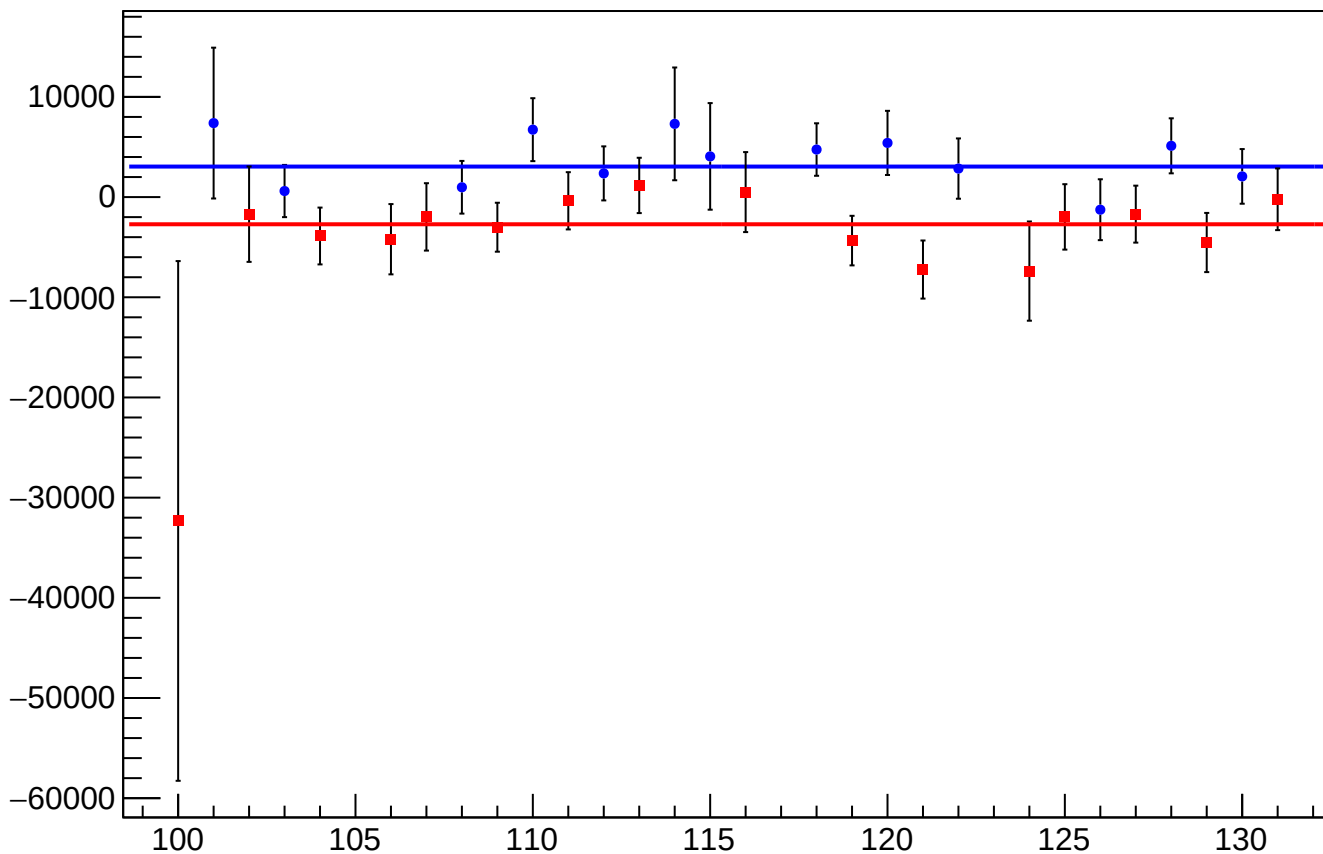
Right Out: 3263.763 ± 1.006 $\chi^2/\text{NDF}: 1963834.1/15$

All: 3660.879 ± 0.805 $\chi^2/\text{NDF}: 2740521.9/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

eigen_dit_asym_atr_avg_mean vs Slug



Right In: 3046.883 $\pm$ 862.571 χ^2 /NDF: 7.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2713.039 $\pm$ 794.480 χ^2 /NDF: 10.0/15

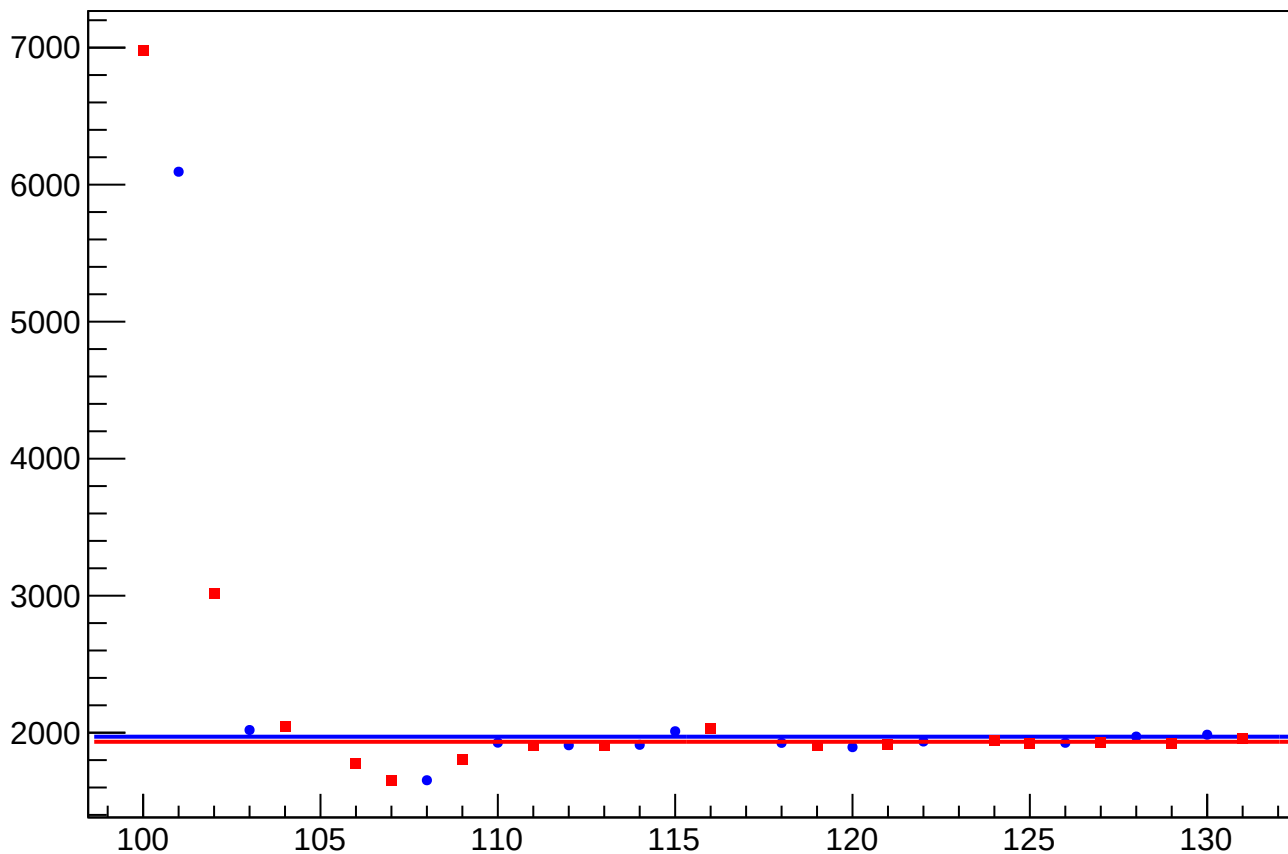
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -69.365 $\pm$ 584.373 χ^2 /NDF: 41.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atr_avg_rms vs Slug



Right In: 1970.841 $\pm$ 0.610 χ^2 /NDF: 634322.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1933.776 $\pm$ 0.561 χ^2 /NDF: 208839.7/15

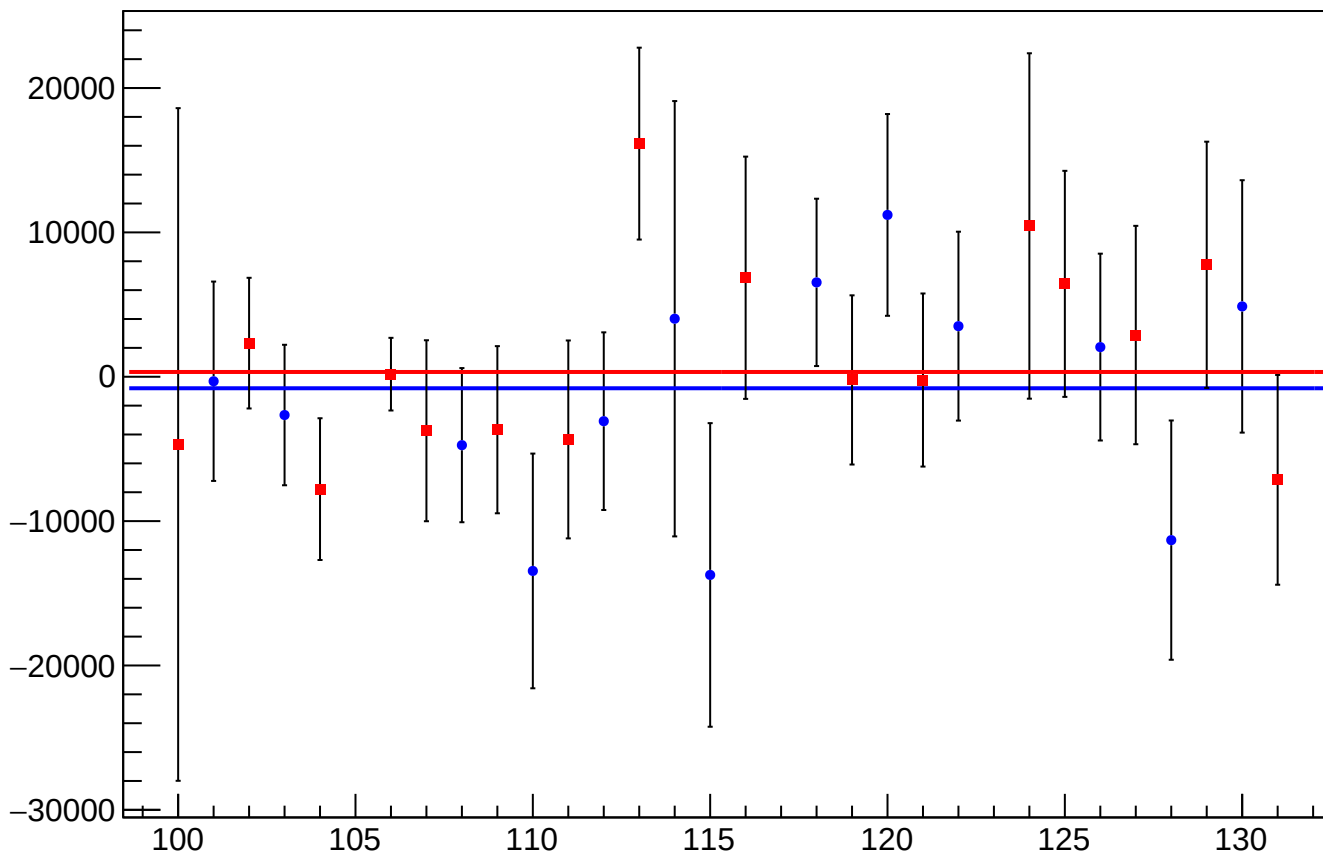
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1950.769 $\pm$ 0.413 χ^2 /NDF: 845161.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_eigen_dit_correction_mean vs Slug



Right In: -797.235+/-1895.180 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 330.964+/-1422.892 χ^2/NDF : 13.9/15

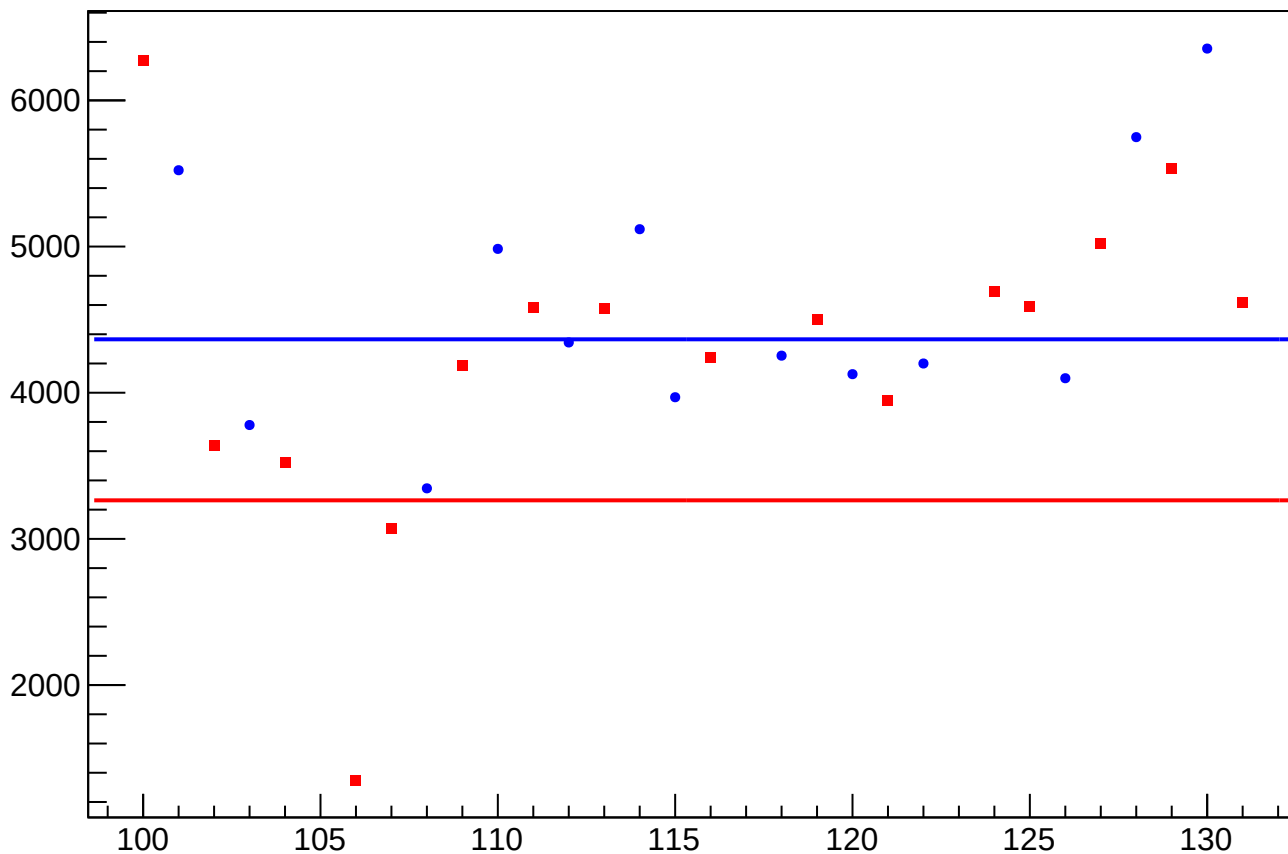
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -75.739+/-1137.879 χ^2/NDF : 26.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_dit_correction_rms vs Slug



Right In: 4365.358+/-1.340 χ^2/NDF : 344541.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

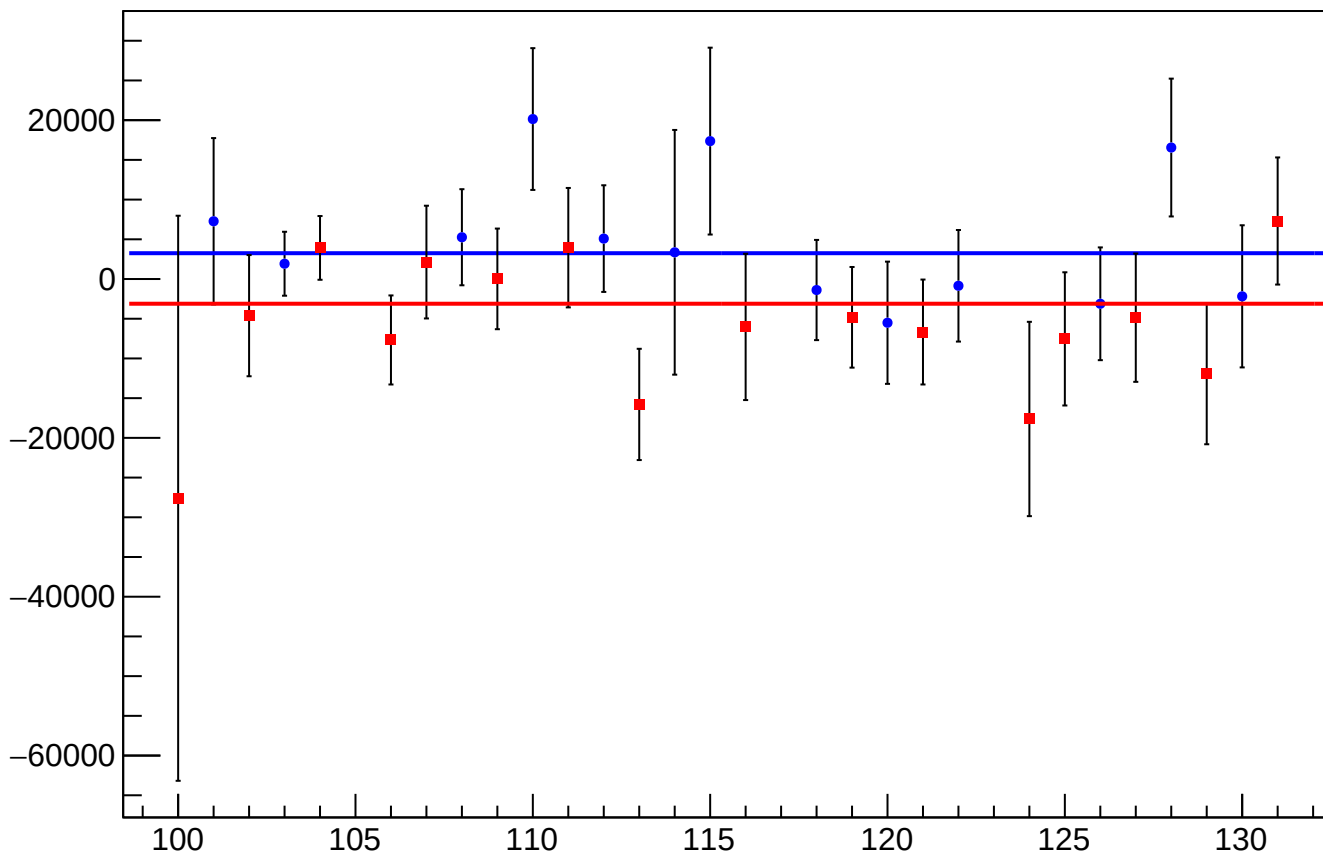
Right Out: 3263.754+/-1.006 χ^2/NDF : 1963835.3/15

All: 3660.870+/-0.805 χ^2/NDF : 2740520.4/28

- 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: 3250.690+/-1991.017 χ^2/NDF : 11.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3110.989+/-1770.853 χ^2/NDF : 14.1/15

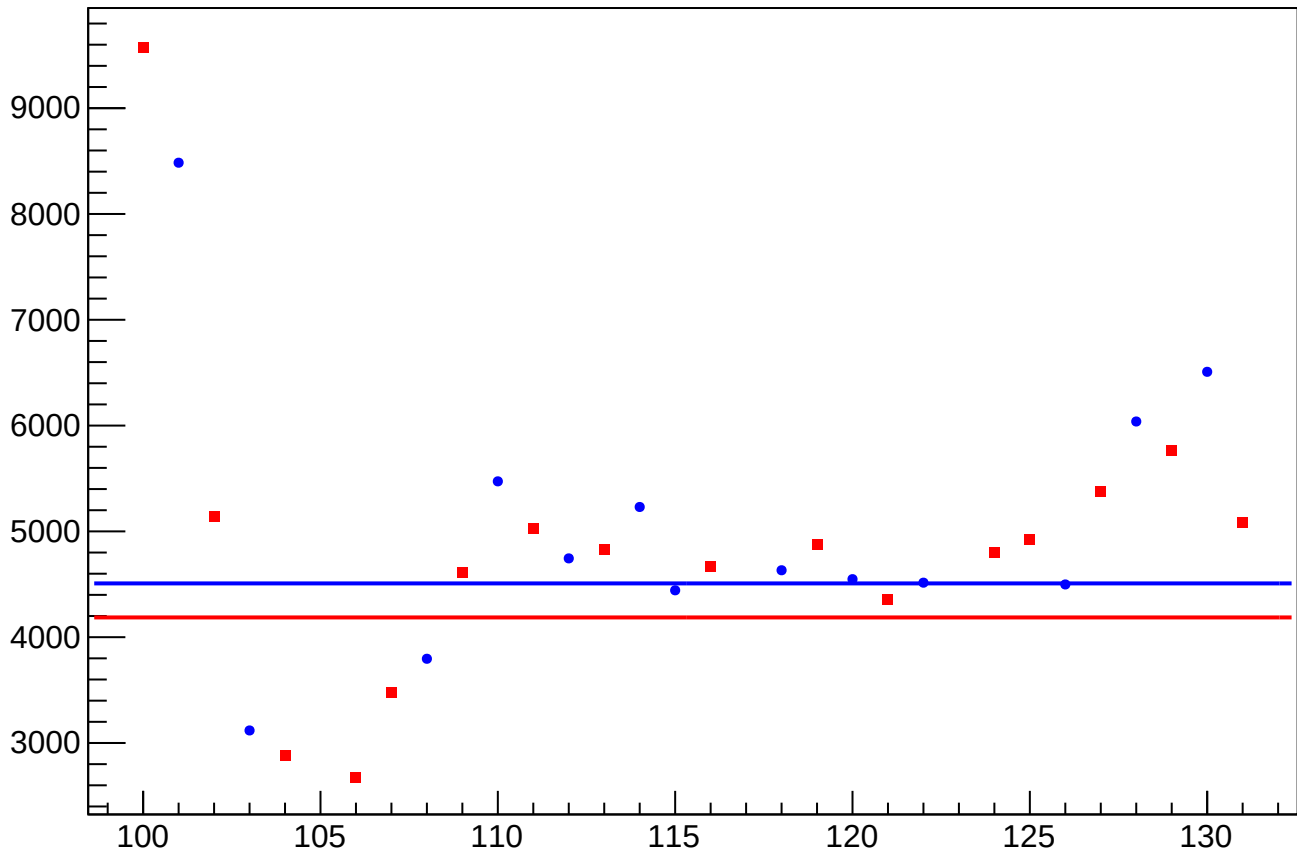
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -301.196+/-1323.202 χ^2/NDF : 30.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_rms vs Slug



Right In: 4508.317+/-1.408 χ^2/NDF : 747871.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

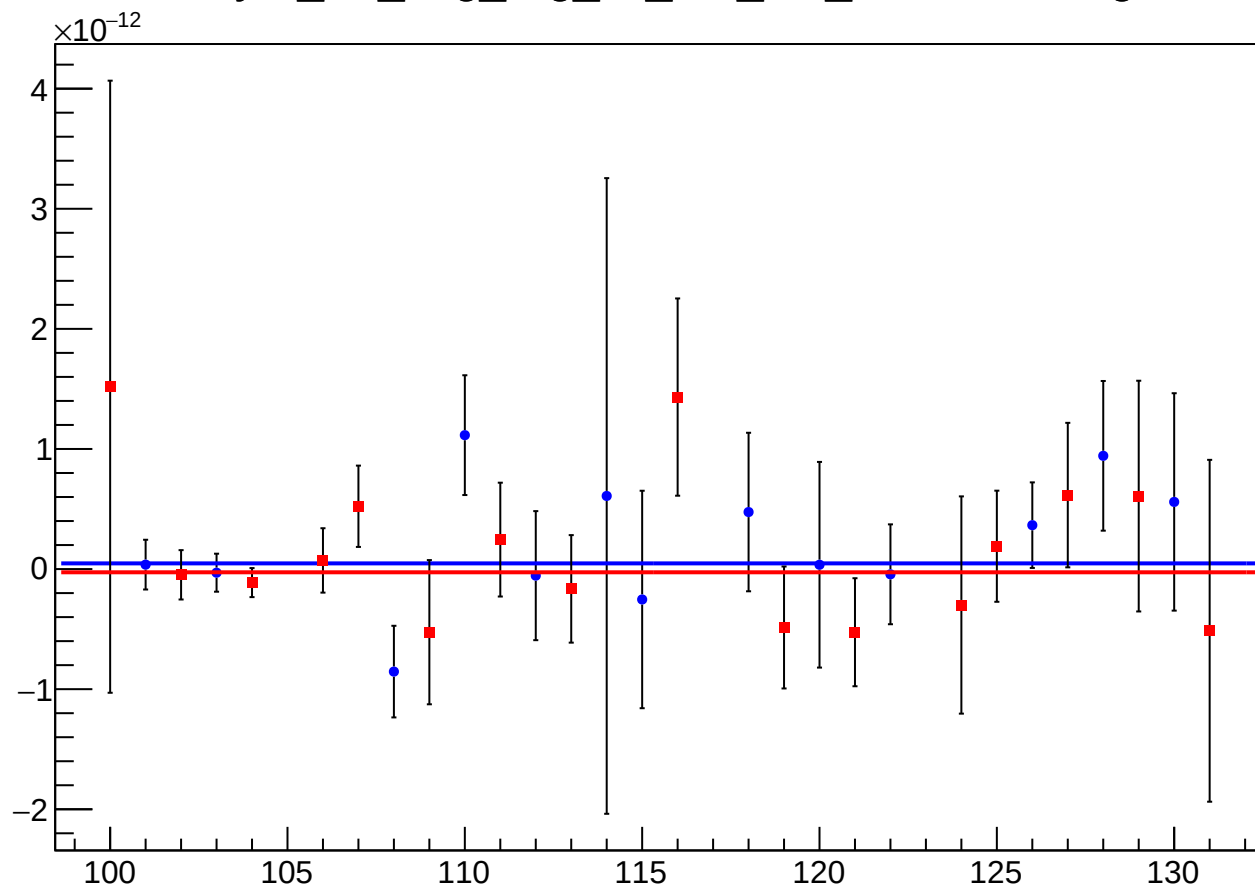
Right Out: 4186.680+/-1.240 χ^2/NDF : 715063.2/15

All: 4327.196+/-0.931 χ^2/NDF : 1492326.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 14.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 12.0/15

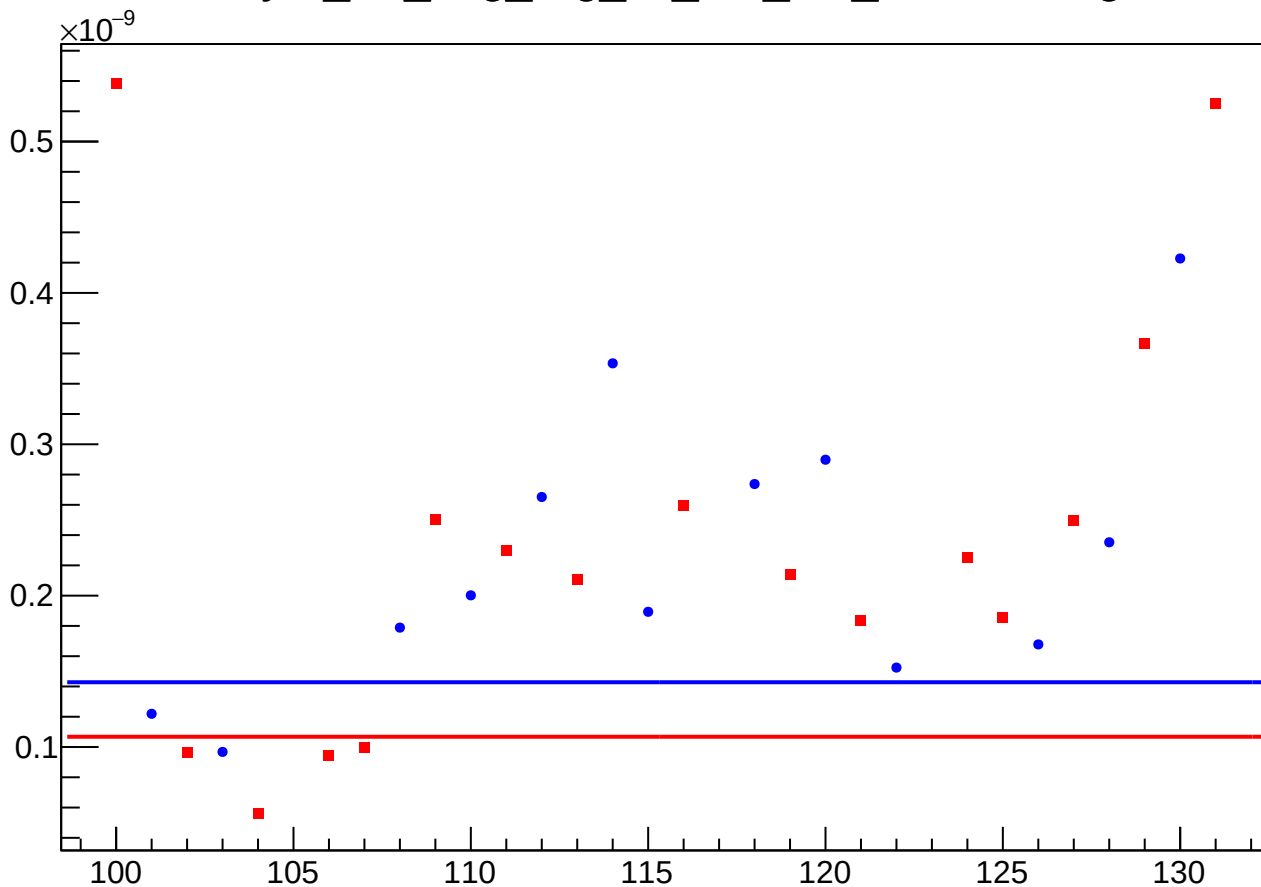
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 26.6/28

- 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 : 739607.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1518586.8/15

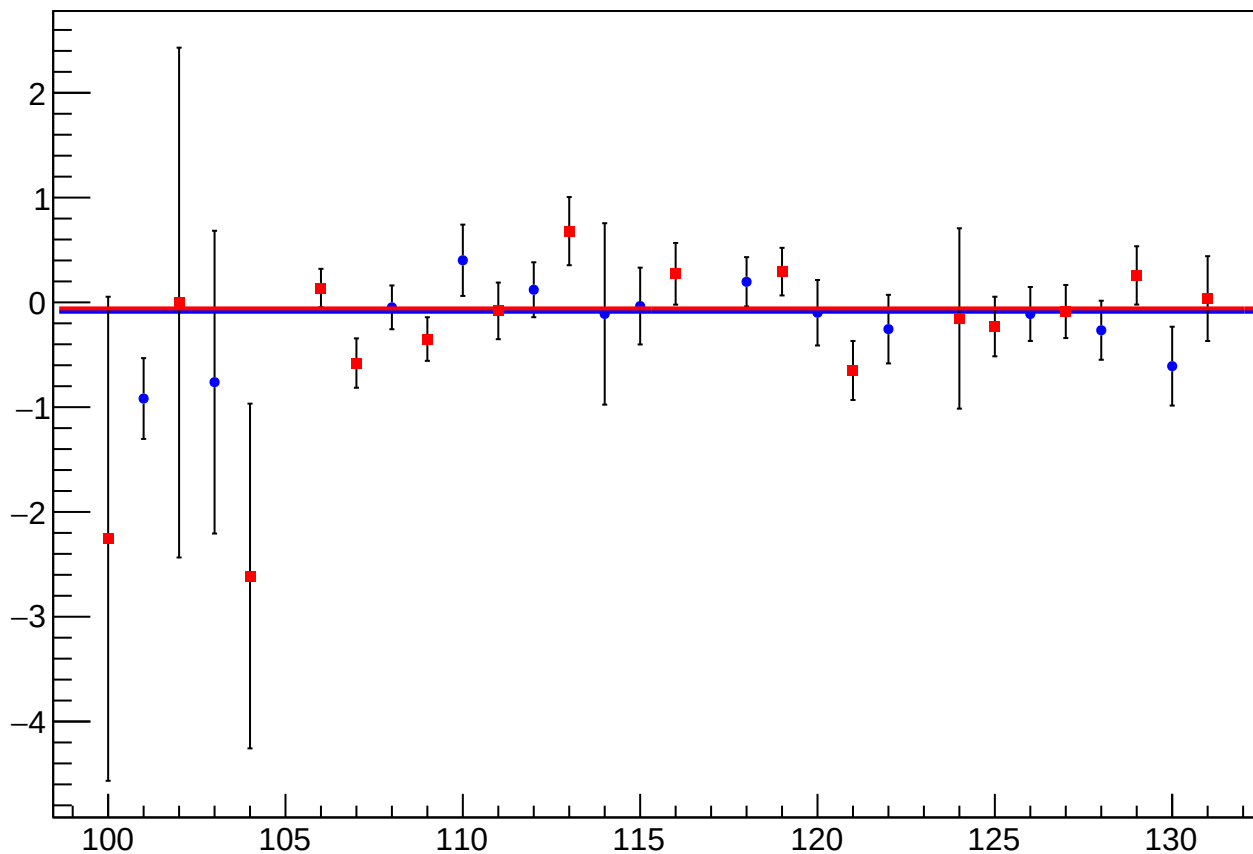
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2412907.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.089+/-0.086 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.058+/-0.073 χ^2/NDF : 26.3/15

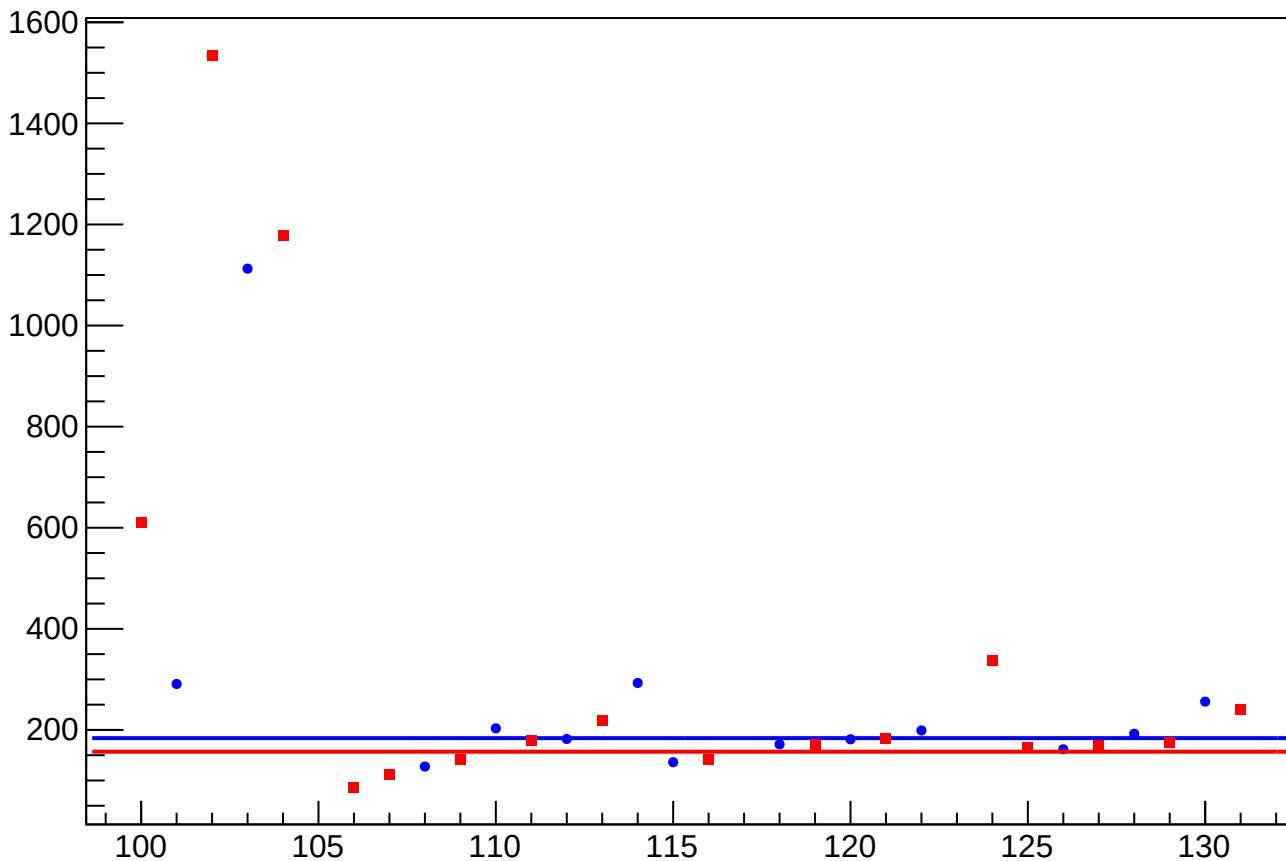
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.071+/-0.056 χ^2/NDF : 38.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_vs_cor_diff_rms vs Slug



Right In: 183.782 $\pm$ 0.061 χ^2 /NDF: 1298129.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 156.996 $\pm$ 0.052 χ^2 /NDF: 2180473.6/15

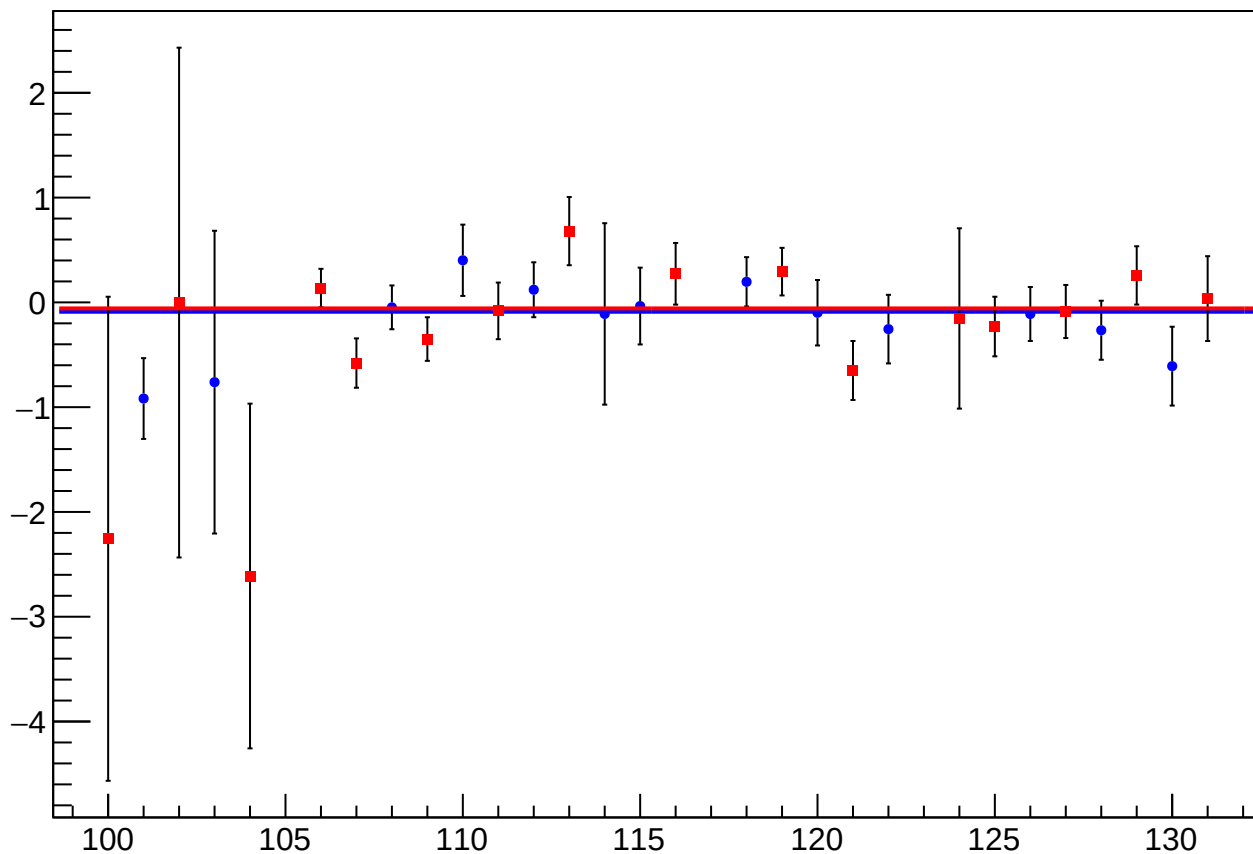
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 168.213 $\pm$ 0.039 χ^2 /NDF: 3590755.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.089+/-0.086 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.058+/-0.073 χ^2/NDF : 26.3/15

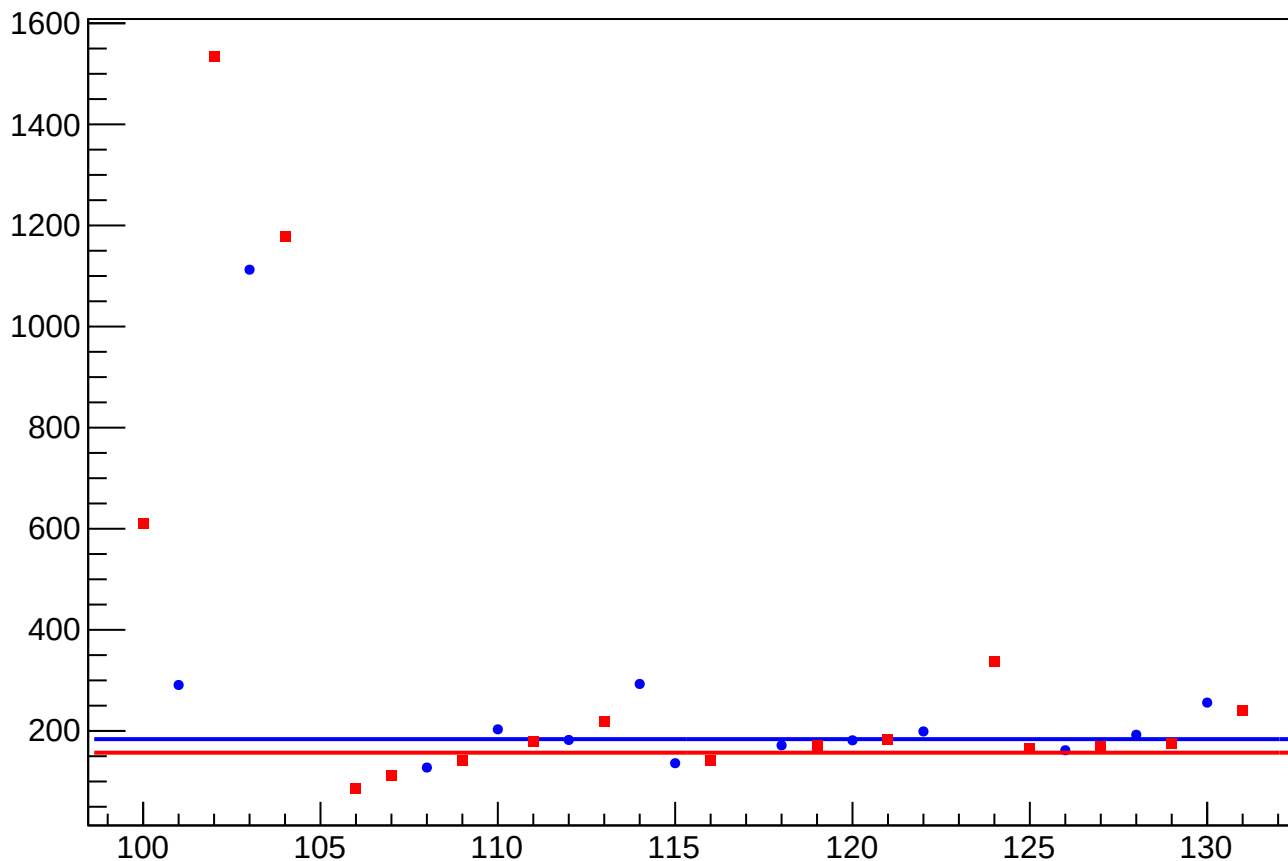
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.071+/-0.056 χ^2/NDF : 38.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 183.782 $\pm$ 0.061 χ^2 /NDF: 1298129.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 156.996 $\pm$ 0.052 χ^2 /NDF: 2180473.6/15

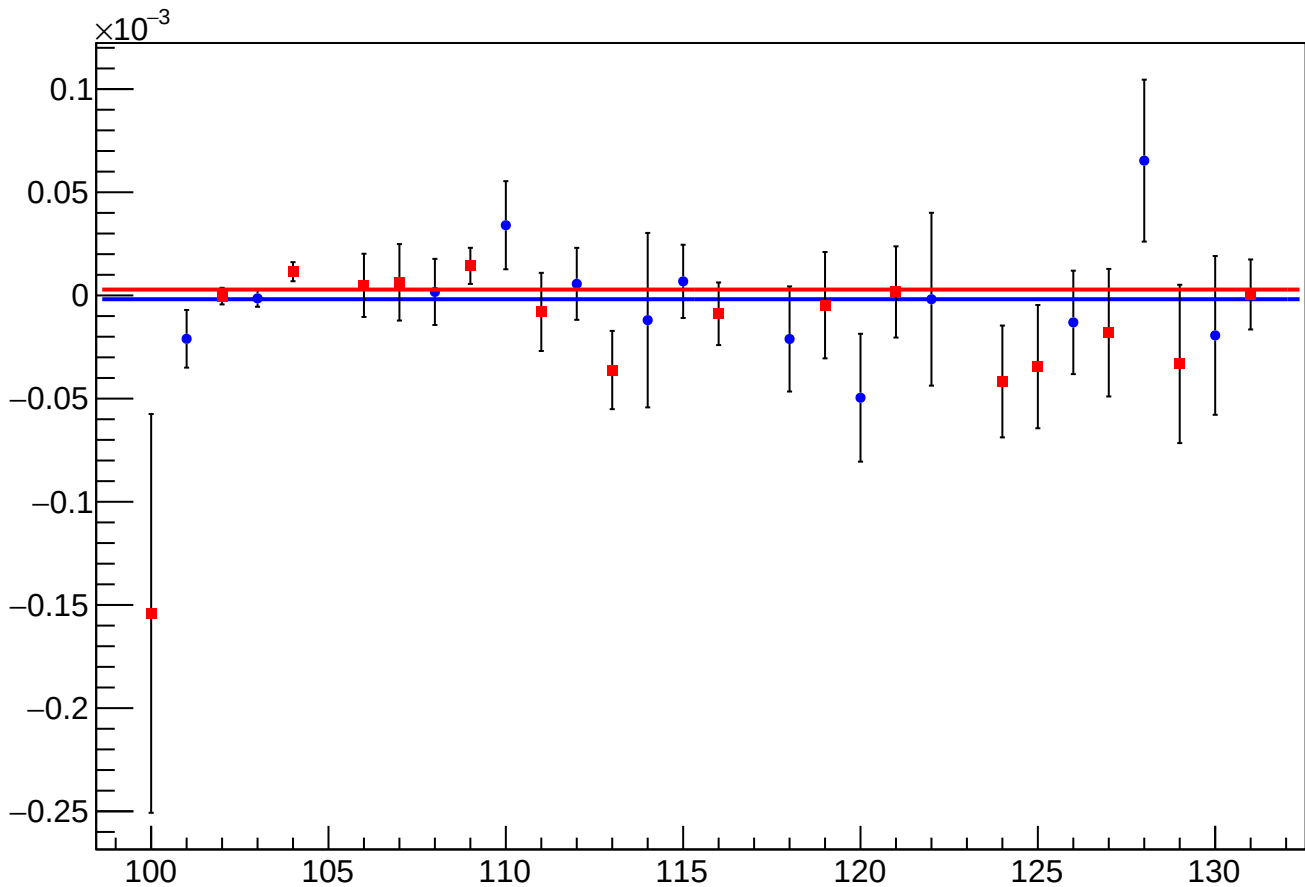
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 168.213 $\pm$ 0.039 χ^2 /NDF: 3590755.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 11.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 19.4/15

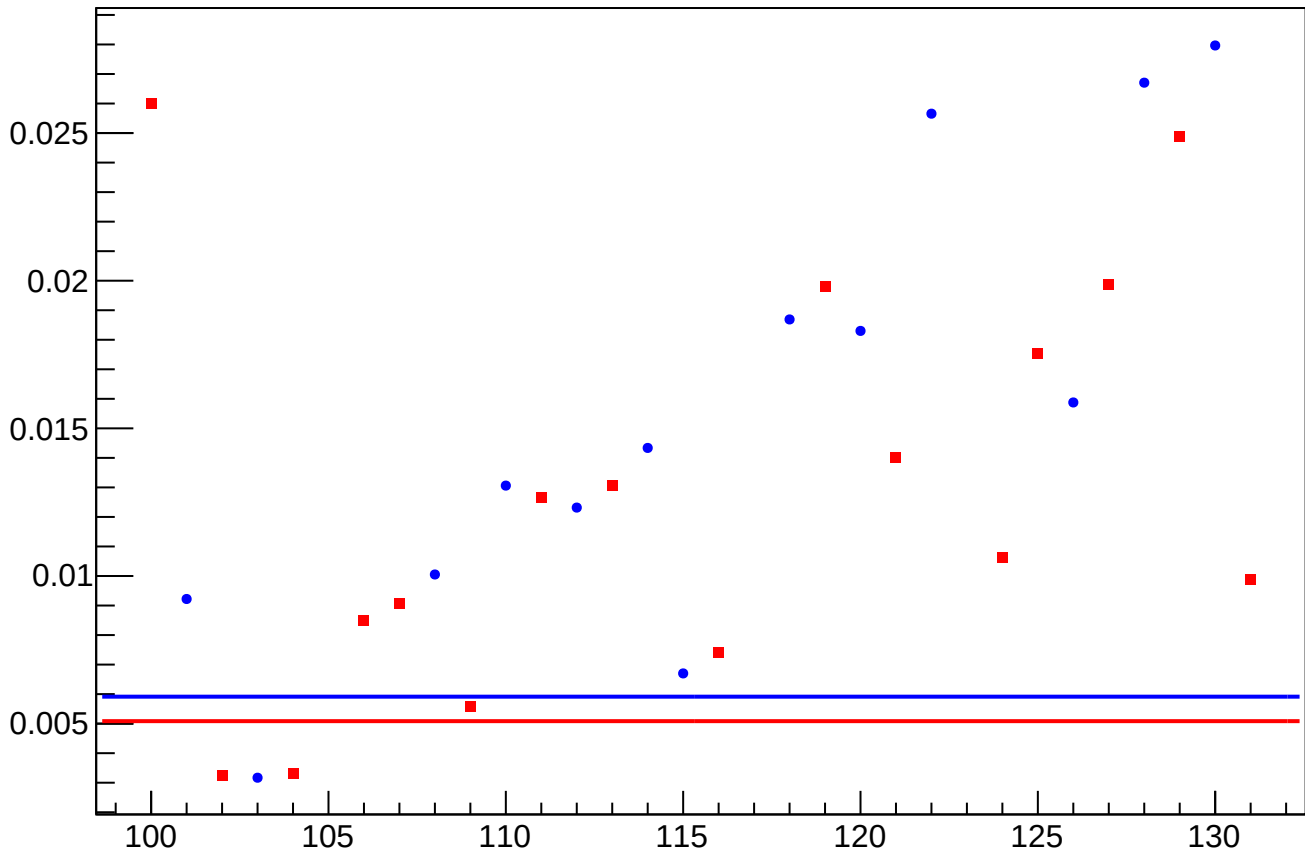
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 4530463.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 4280856.6/15

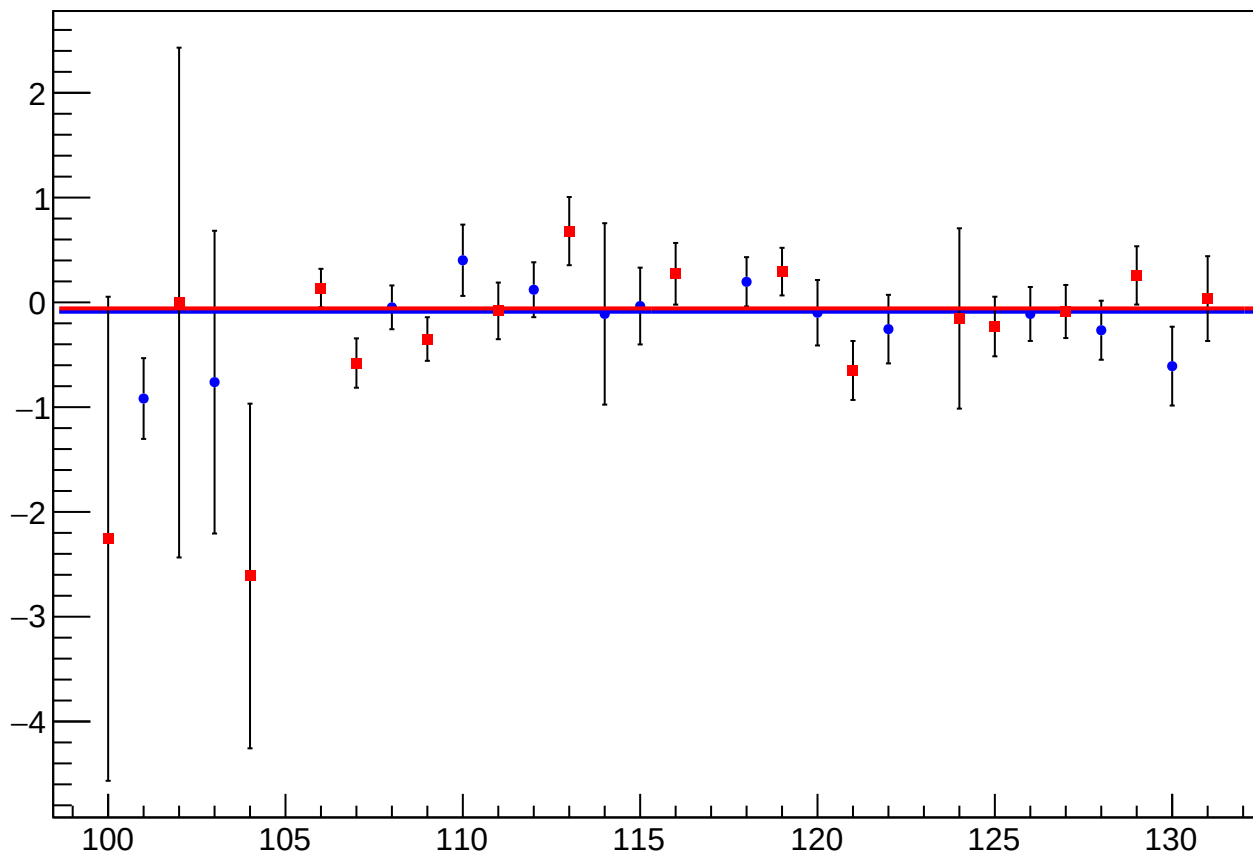
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 8885578.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.089+/-0.086 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.058+/-0.073 χ^2/NDF : 26.3/15

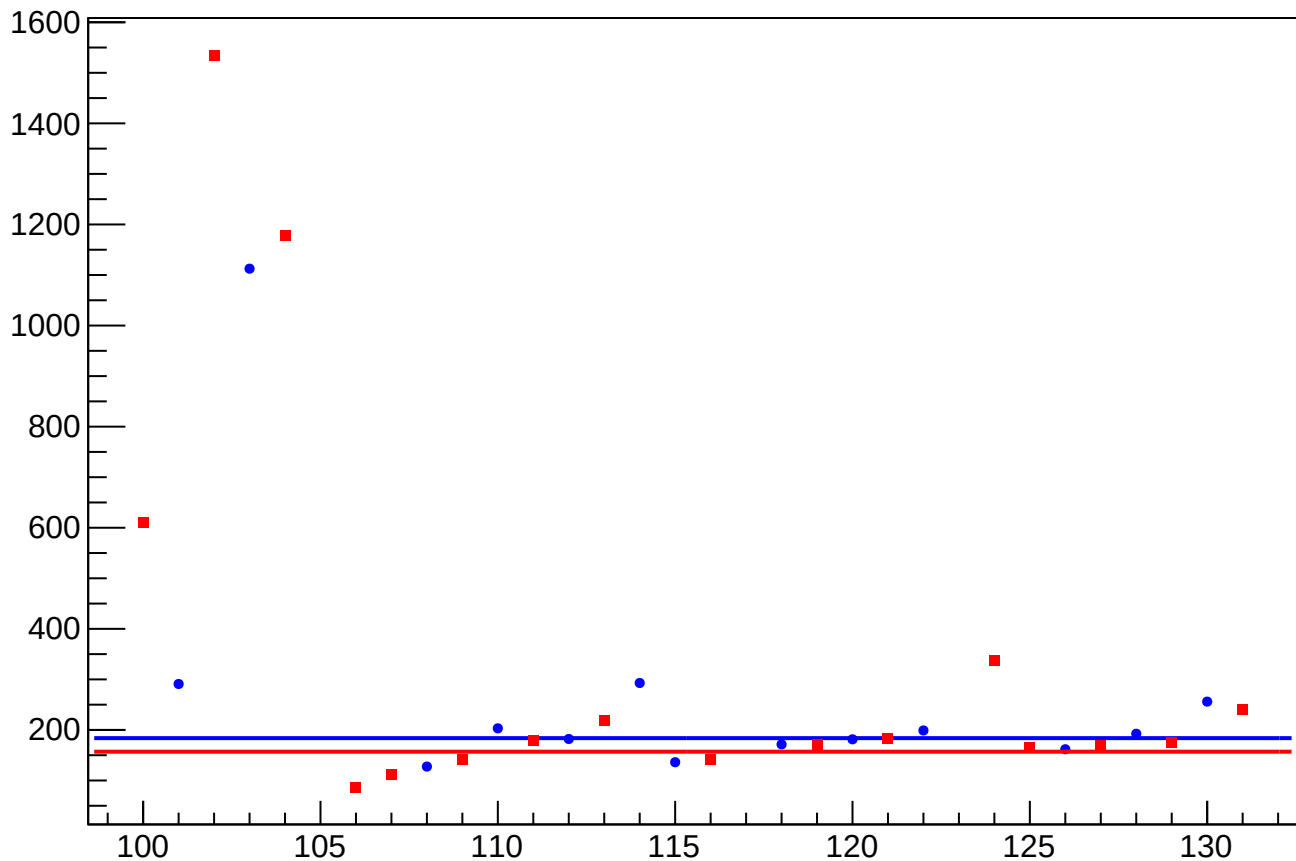
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.071+/-0.056 χ^2/NDF : 38.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 183.781+/-0.061 χ^2/NDF : 1298107.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.995+/-0.052 χ^2/NDF : 2180444.8/15

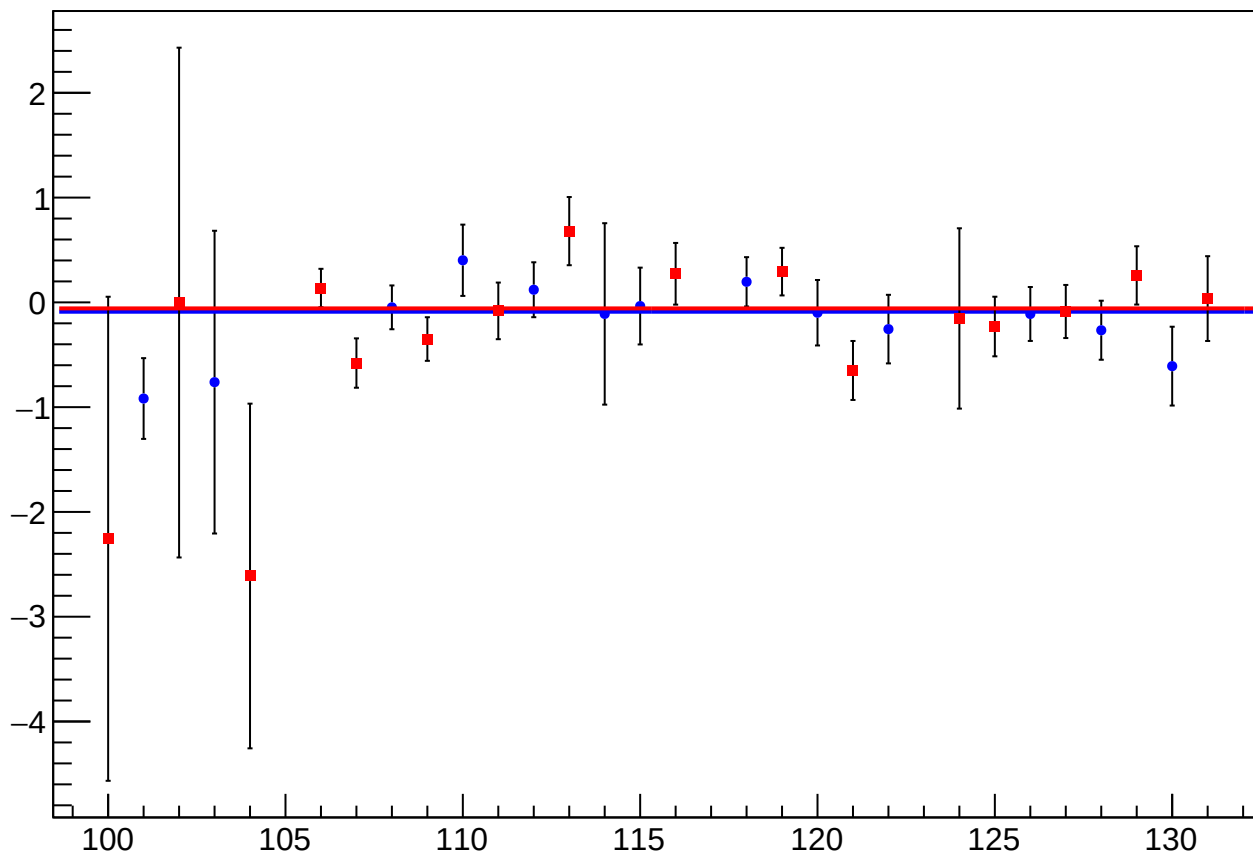
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.211+/-0.039 χ^2/NDF : 3590701.5/28

- 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: -0.089 ± 0.086 χ^2/NDF : 11.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.058 ± 0.073 χ^2/NDF : 26.3/15

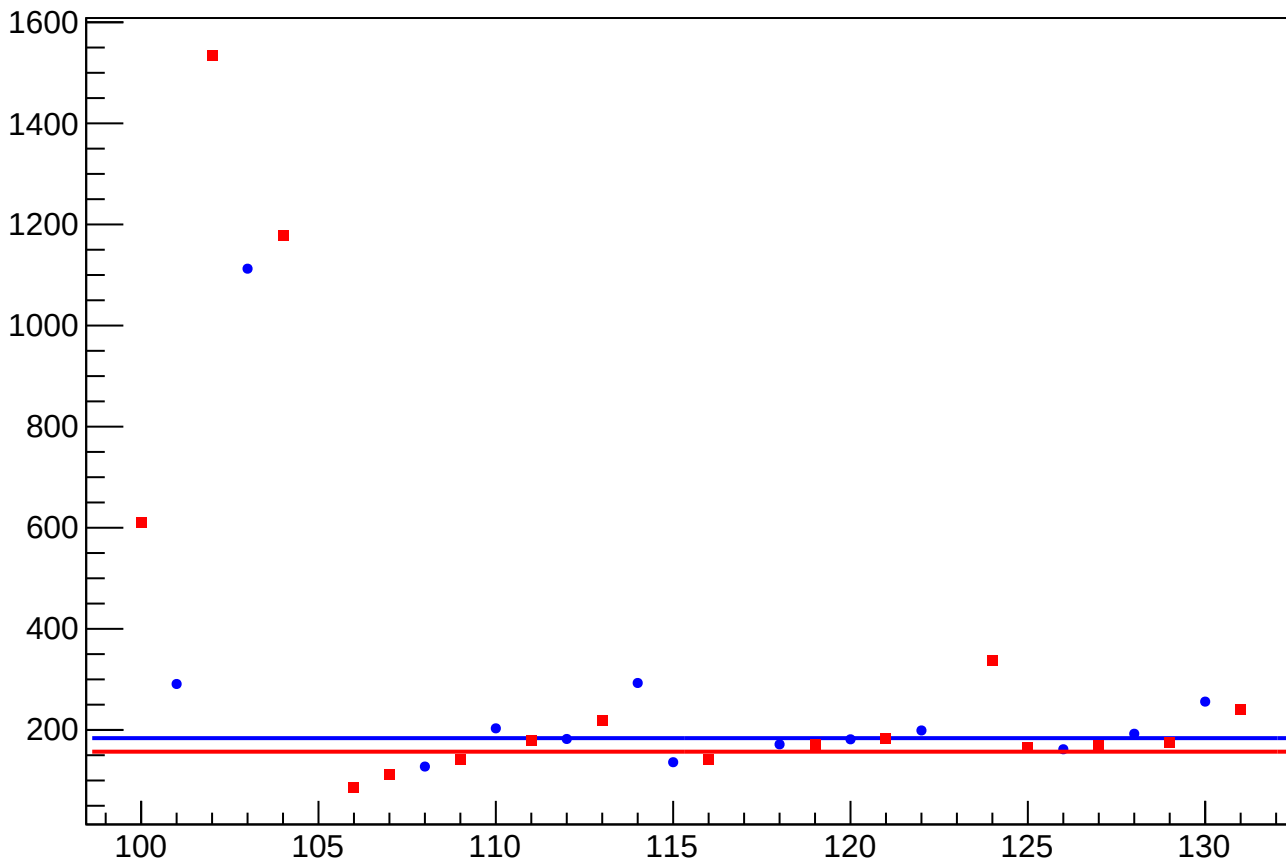
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.071 ± 0.056 χ^2/NDF : 38.0/28

- 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: 183.781+/-0.061 χ^2/NDF : 1298107.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

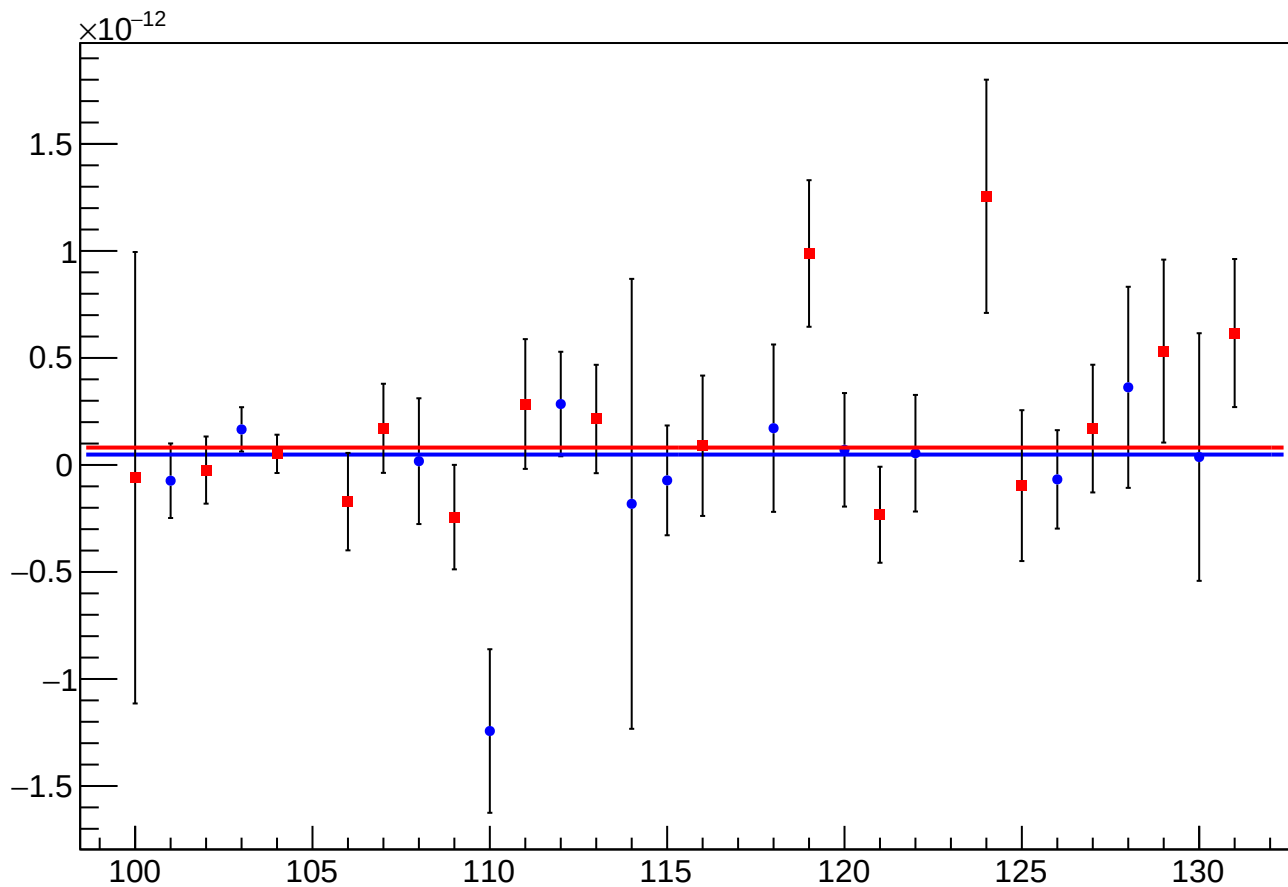
Right Out: 156.995+/-0.052 χ^2/NDF : 2180444.8/15

All: 168.211+/-0.039 χ^2/NDF : 3590701.5/28

- 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: 15.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.0/15

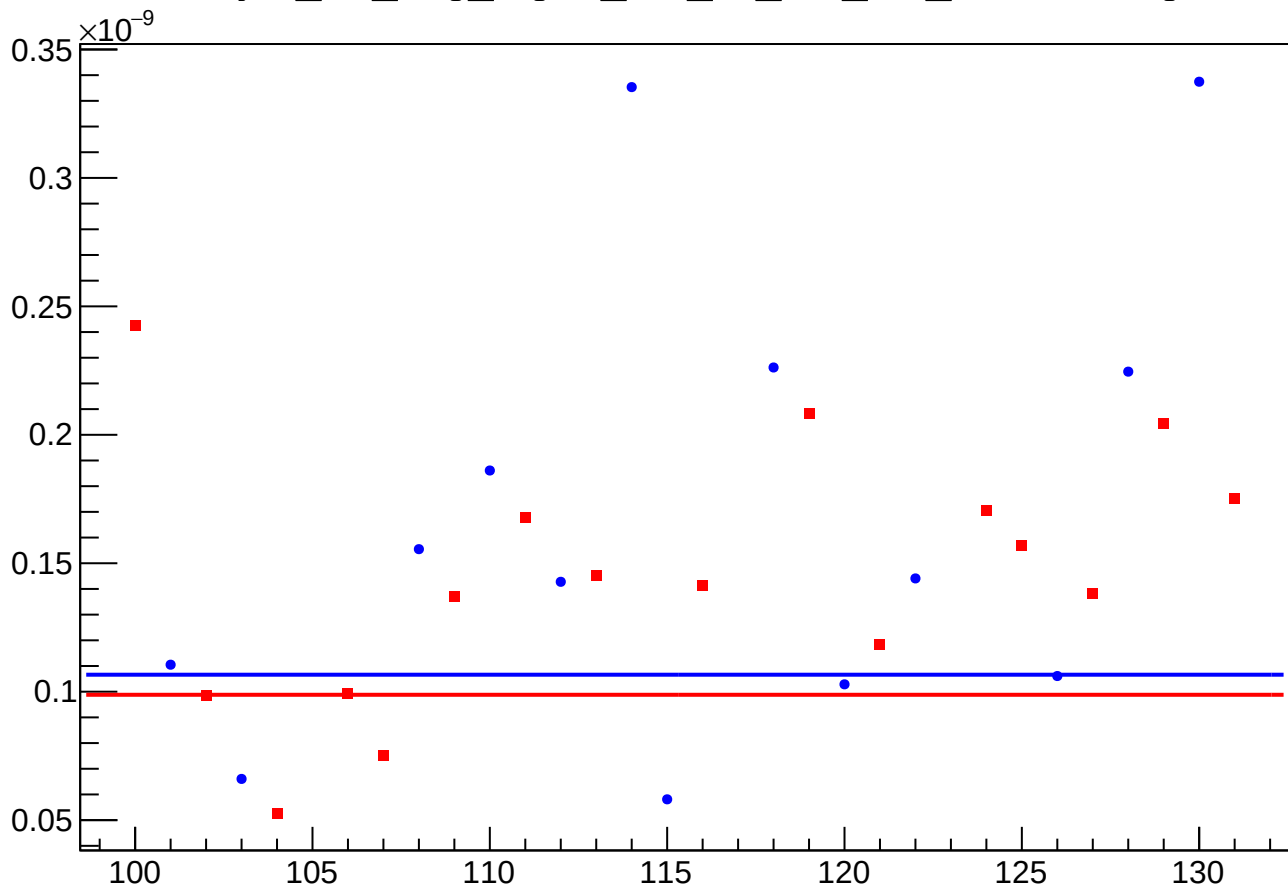
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 37.3/28

- 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 : 1328302.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1413650.8/15

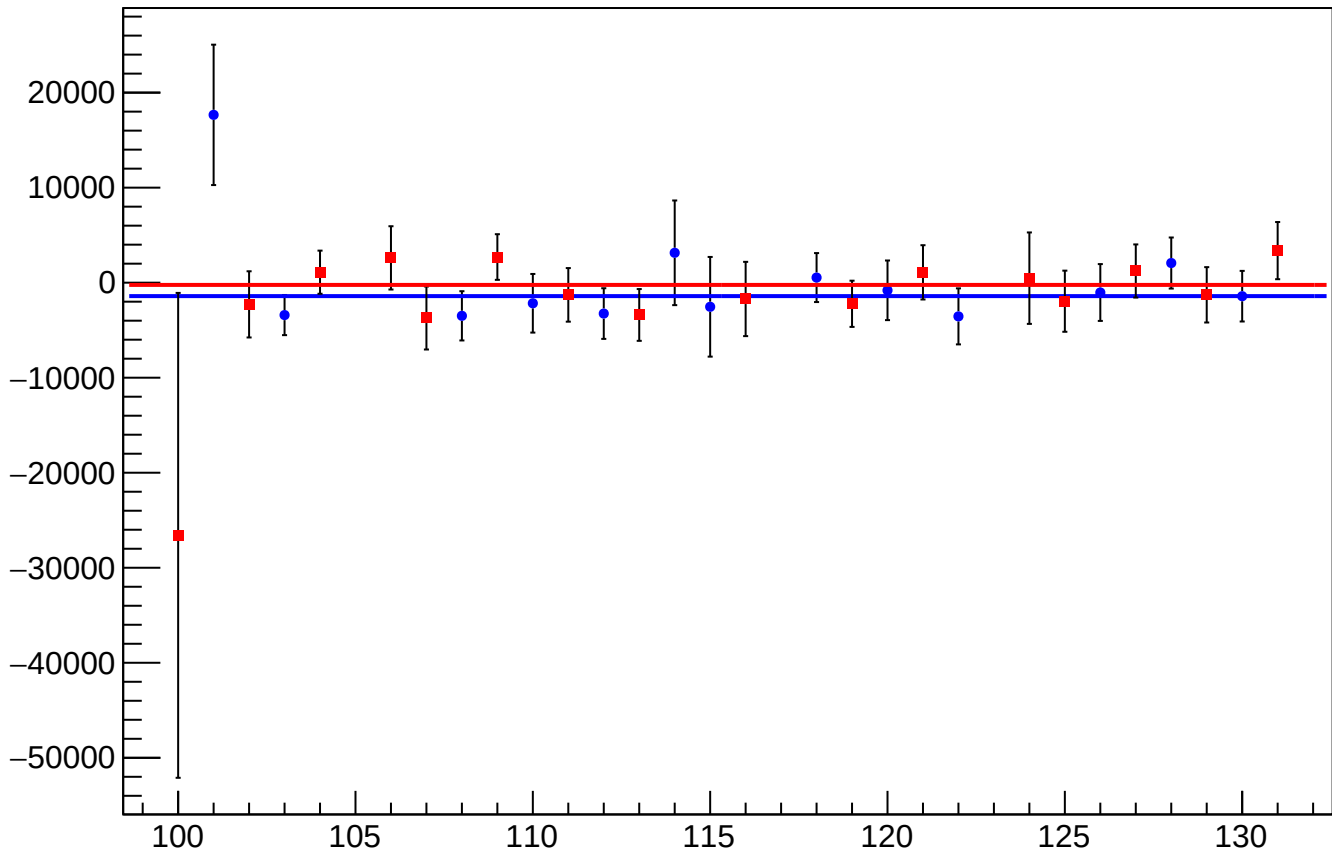
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2758746.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_mean vs Slug



Right In: -1414.144 $\pm$ 826.166 χ^2 /NDF: 12.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -235.693 $\pm$ 756.642 χ^2 /NDF: 9.7/15

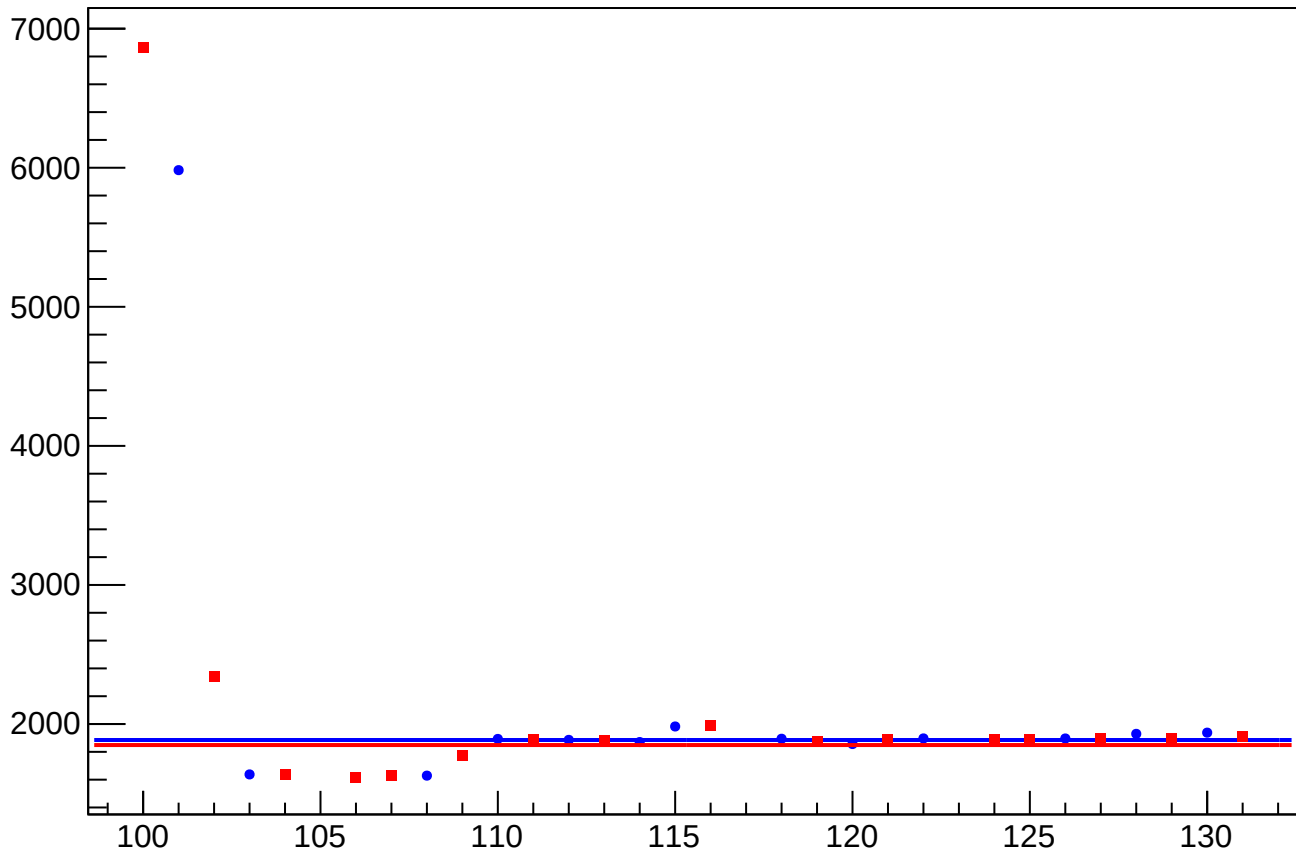
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -773.255 $\pm$ 557.989 χ^2 /NDF: 23.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_dd_rms vs Slug



Right In: 1885.144+/-0.584 χ^2/NDF : 664689.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1848.907+/-0.533 χ^2/NDF : 164035.4/15

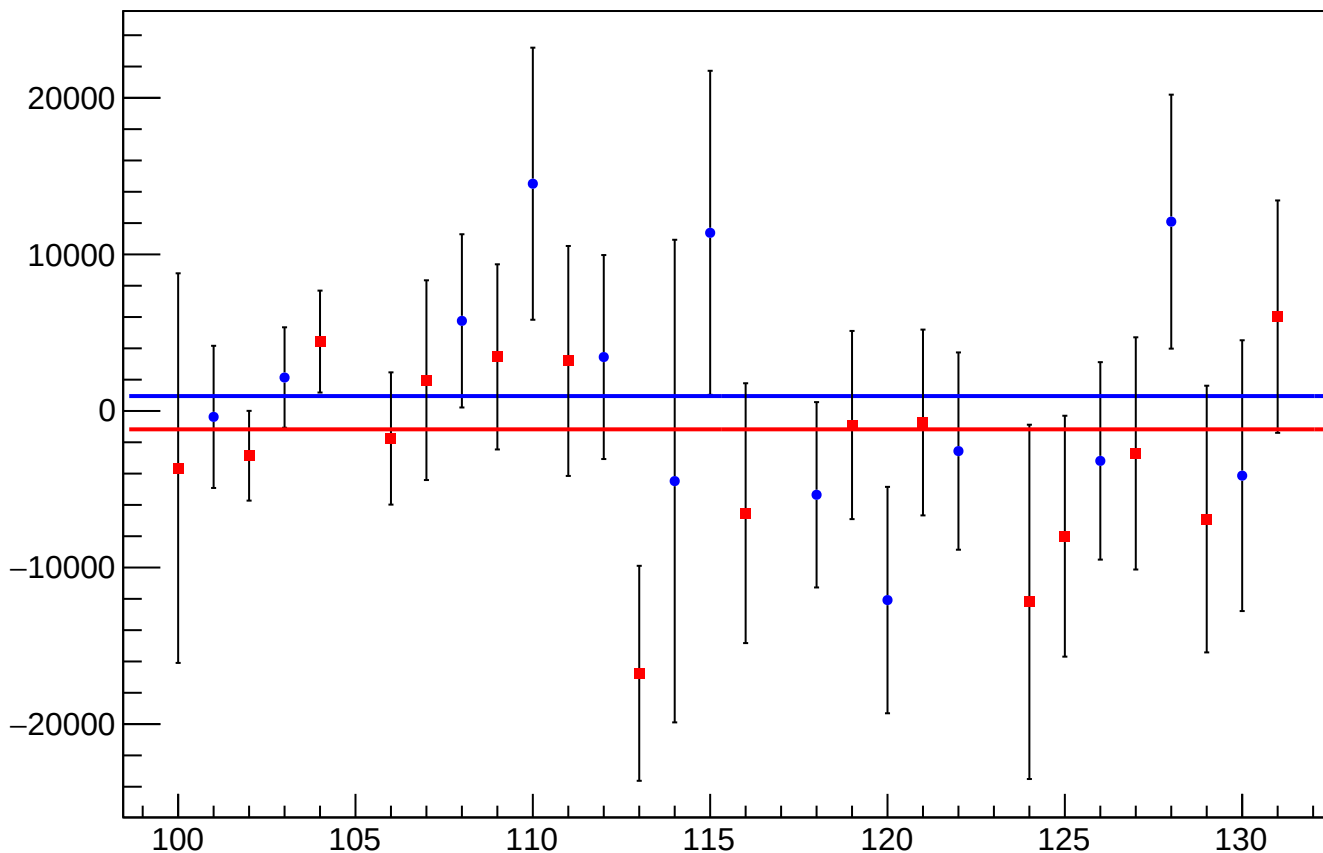
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1865.366+/-0.394 χ^2/NDF : 830824.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_reg_correction_mean vs Slug



Right In: 951.862 ± 1677.713 χ^2/NDF : 12.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1173.087 ± 1390.783 χ^2/NDF : 13.3/15

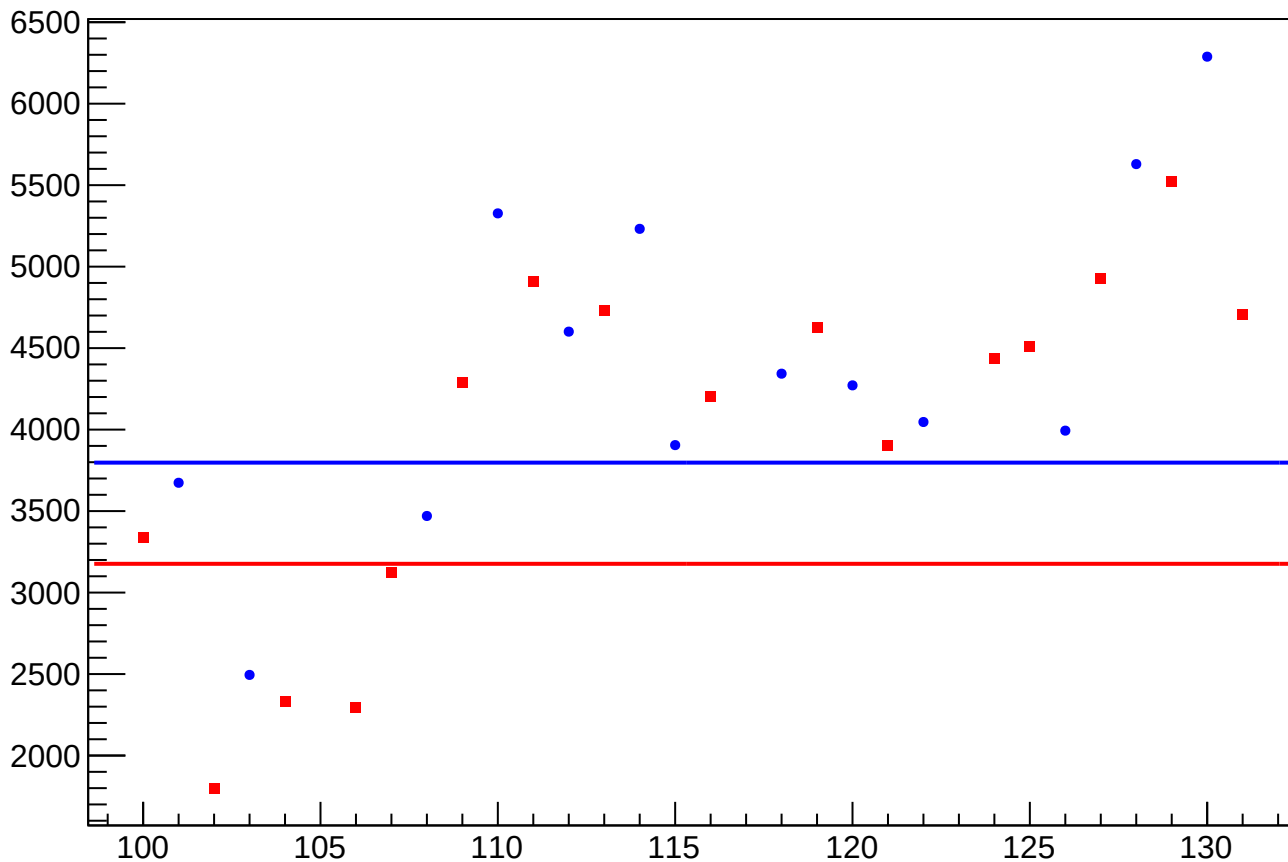
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -307.590 ± 1070.720 χ^2/NDF : 26.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr_dd_reg_correction_rms vs Slug



Right In: 3797.388+/-1.186 χ^2/NDF : 746765.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

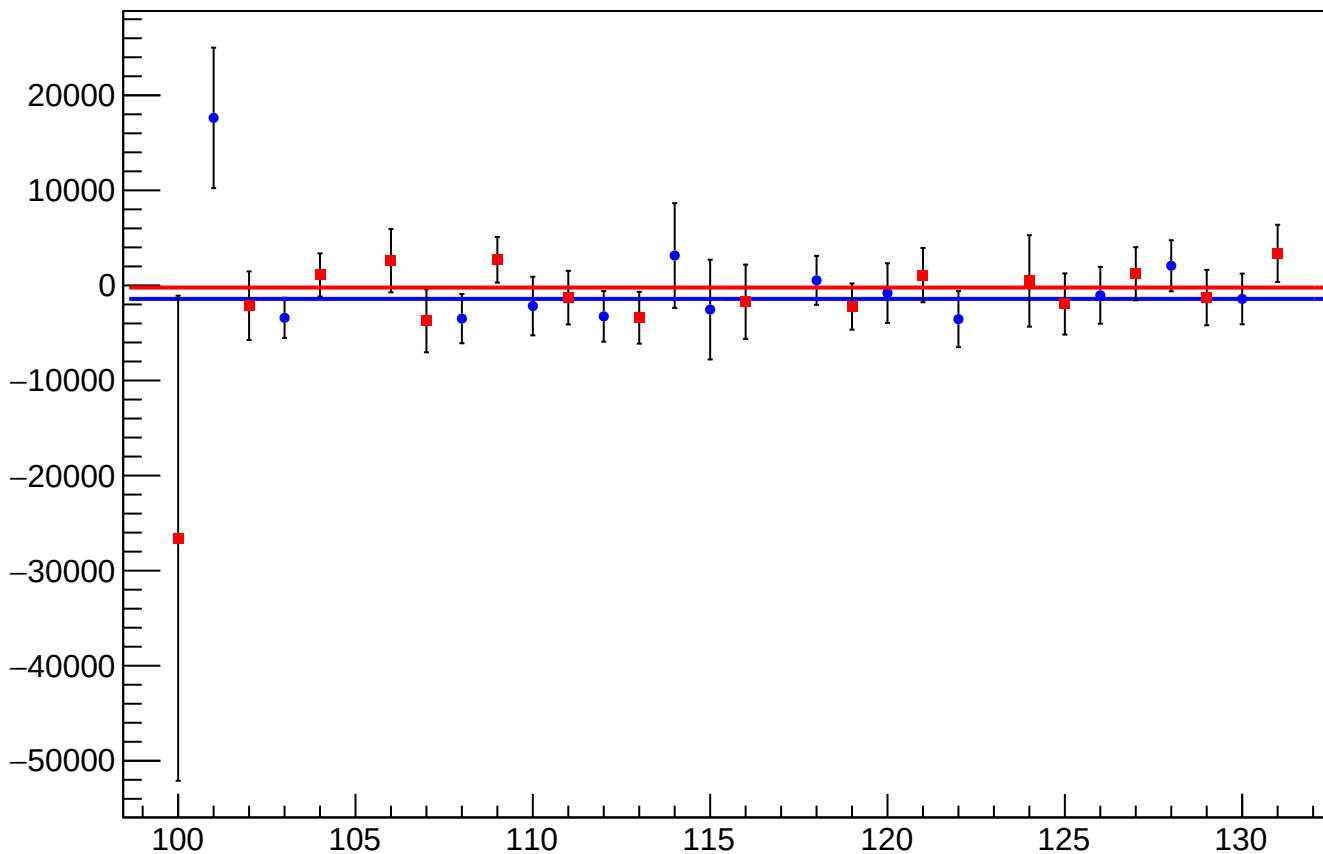
Right Out: 3176.492+/-0.983 χ^2/NDF : 1577766.8/15

All: 3429.384+/-0.757 χ^2/NDF : 2486887.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr_dd_mean vs Slug



Right In: -1414.585 $\pm$ 826.166 χ^2 /NDF: 12.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -223.246 $\pm$ 757.826 χ^2 /NDF: 9.7/15

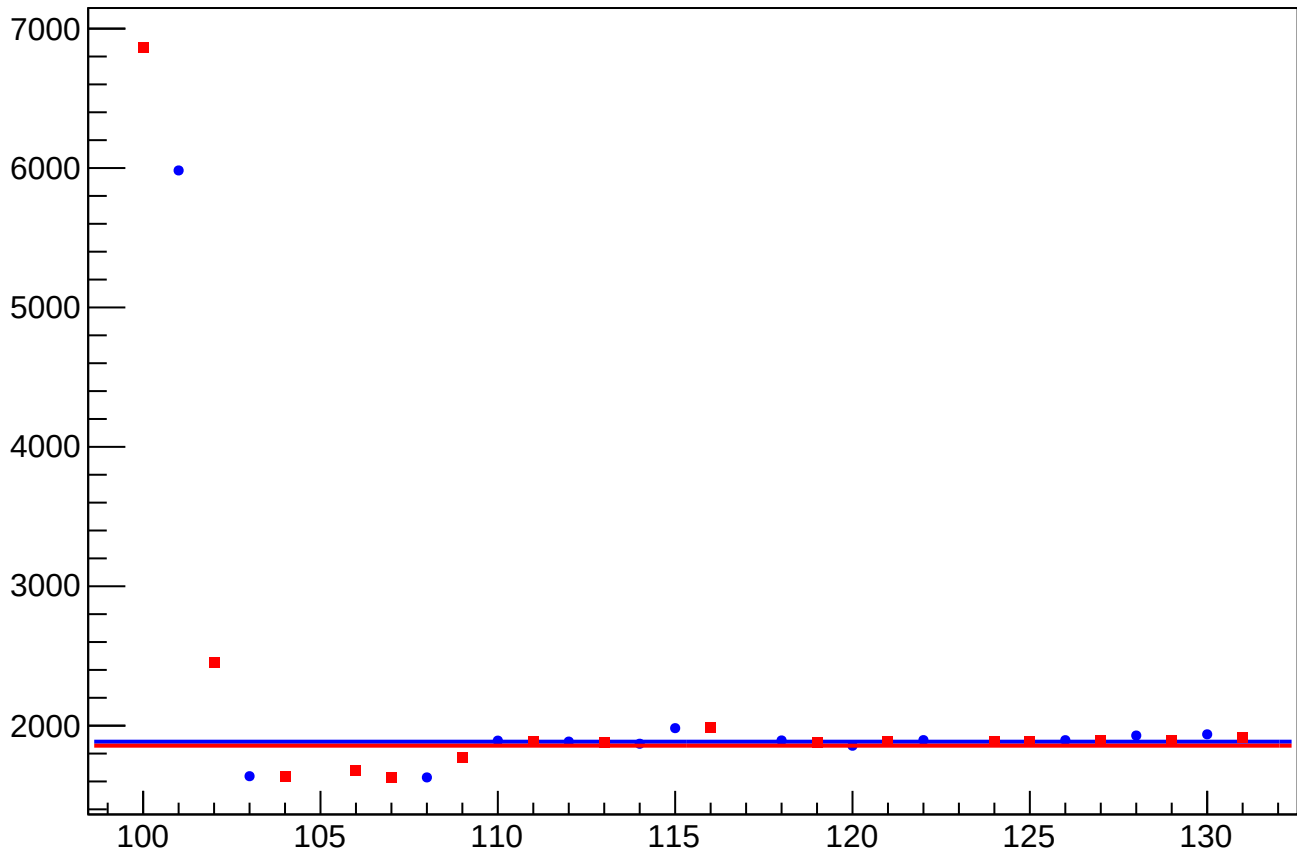
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -767.611 $\pm$ 558.464 χ^2 /NDF: 23.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atr_dd_rms vs Slug



Right In: 1885.143+/-0.584 χ^2/NDF : 664689.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1856.552+/-0.535 χ^2/NDF : 174293.8/15

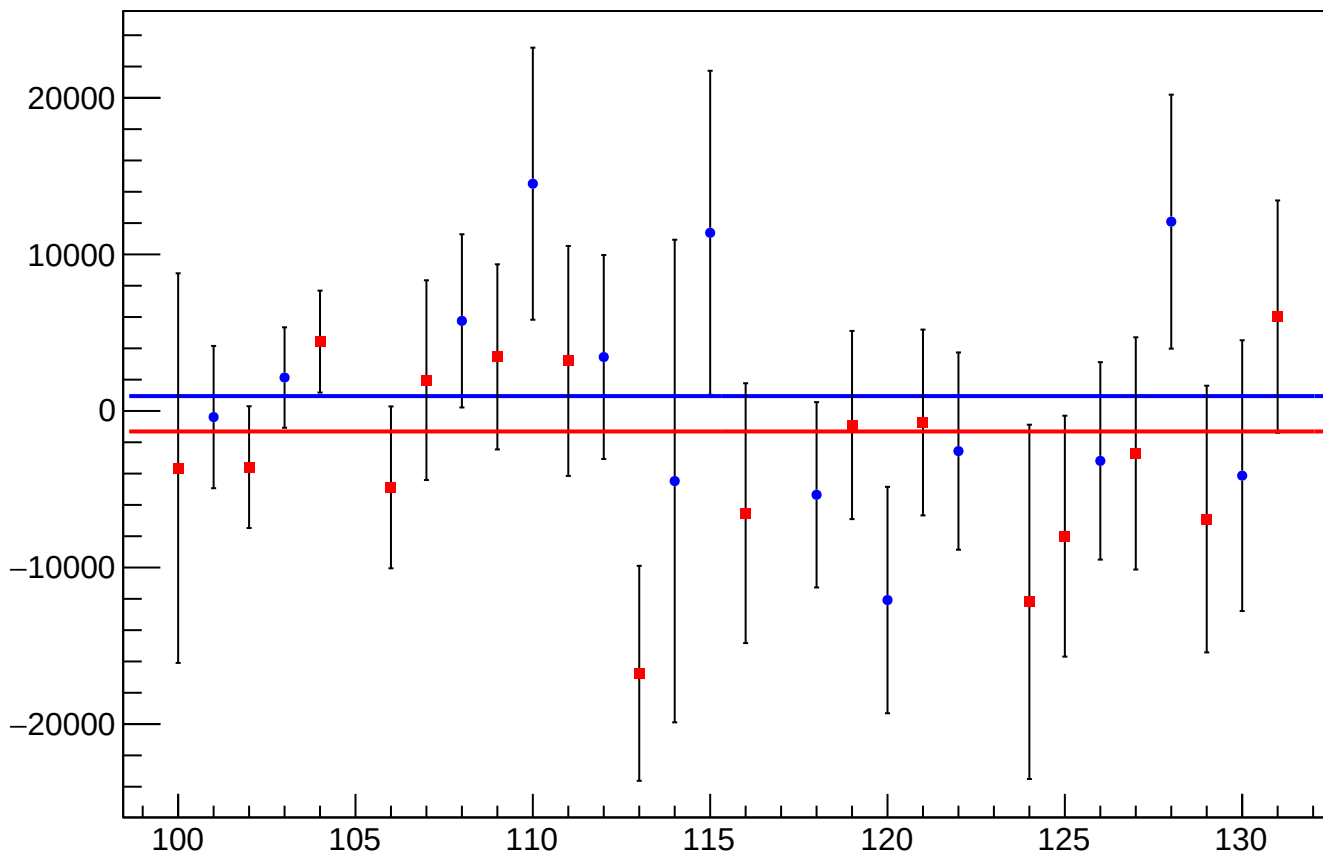
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1869.591+/-0.395 χ^2/NDF : 840286.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_cor_correction_mean vs Slug



Right In: 950.228 $\pm$ 1677.965 χ^2 /NDF: 12.1/12

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

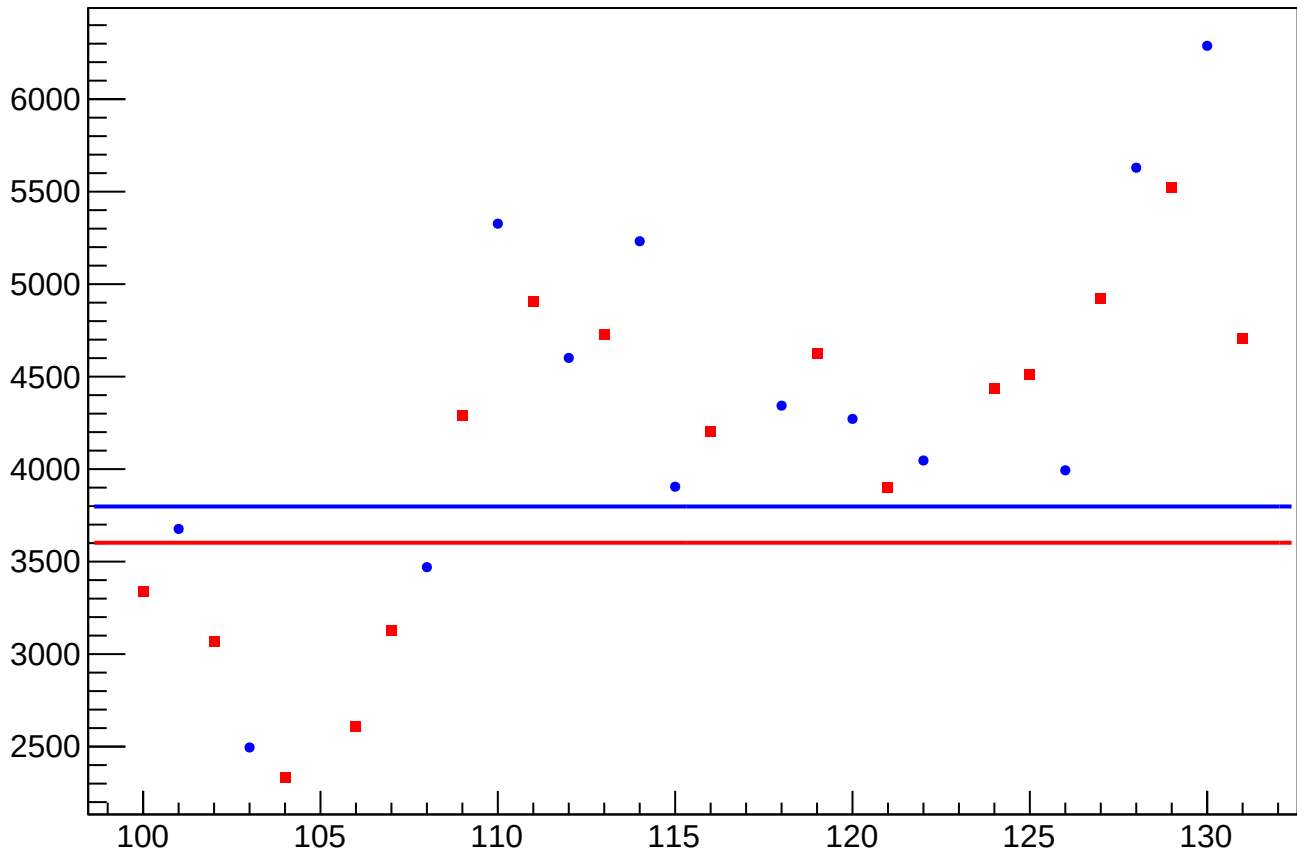
Right Out: -1309.416 $\pm$ 1502.896 χ^2 /NDF: 13.9/15

All: -303.586 $\pm$ 1119.503 χ^2 /NDF: 26.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_cor_correction_rms vs Slug



Right In: 3798.052+/-1.187 χ^2/NDF : 746337.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

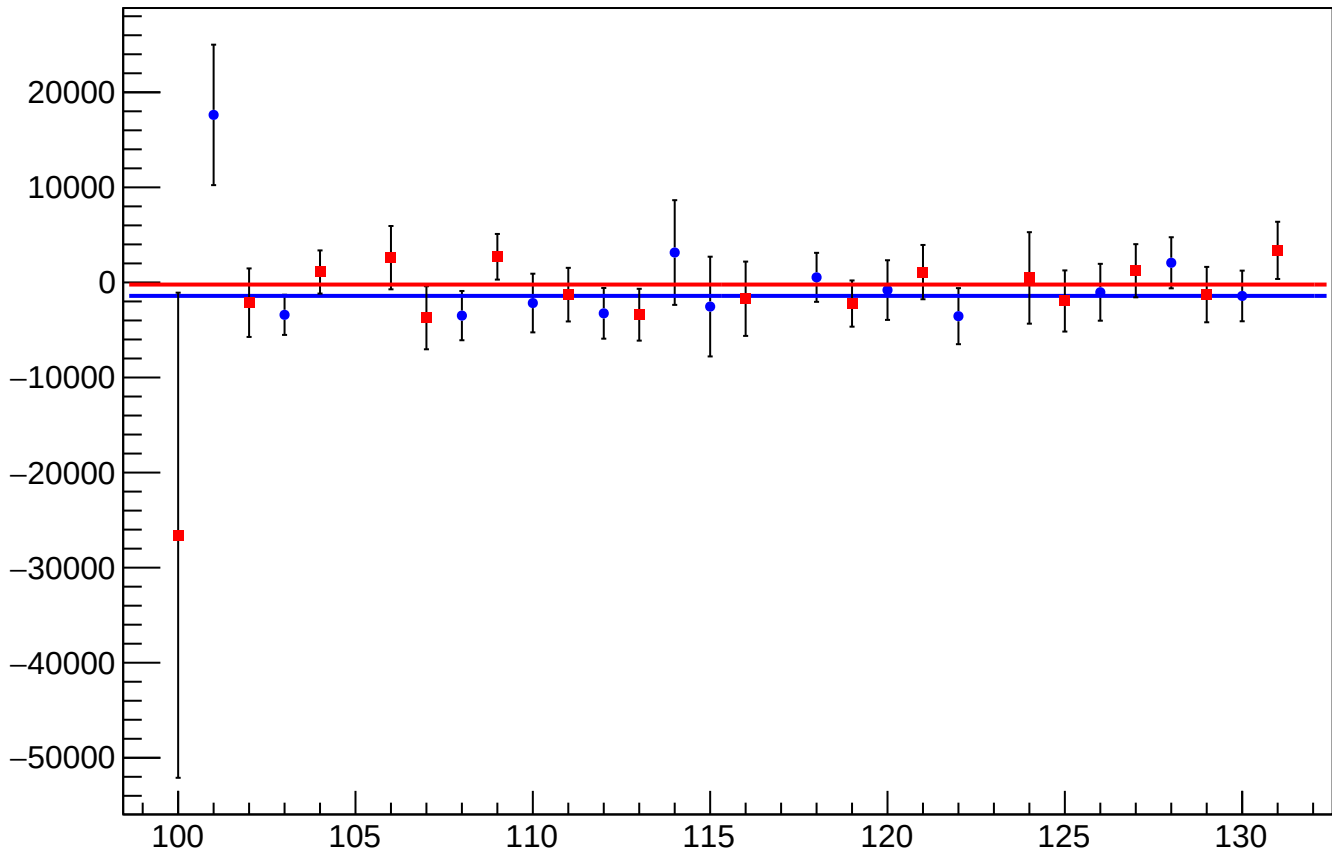
Right Out: 3602.162+/-1.063 χ^2/NDF : 894042.9/15

All: 3689.358+/-0.792 χ^2/NDF : 1655505.3/28

- 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: -1414.585 $\pm$ 826.166 χ^2 /NDF: 12.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -223.246 $\pm$ 757.826 χ^2 /NDF: 9.7/15

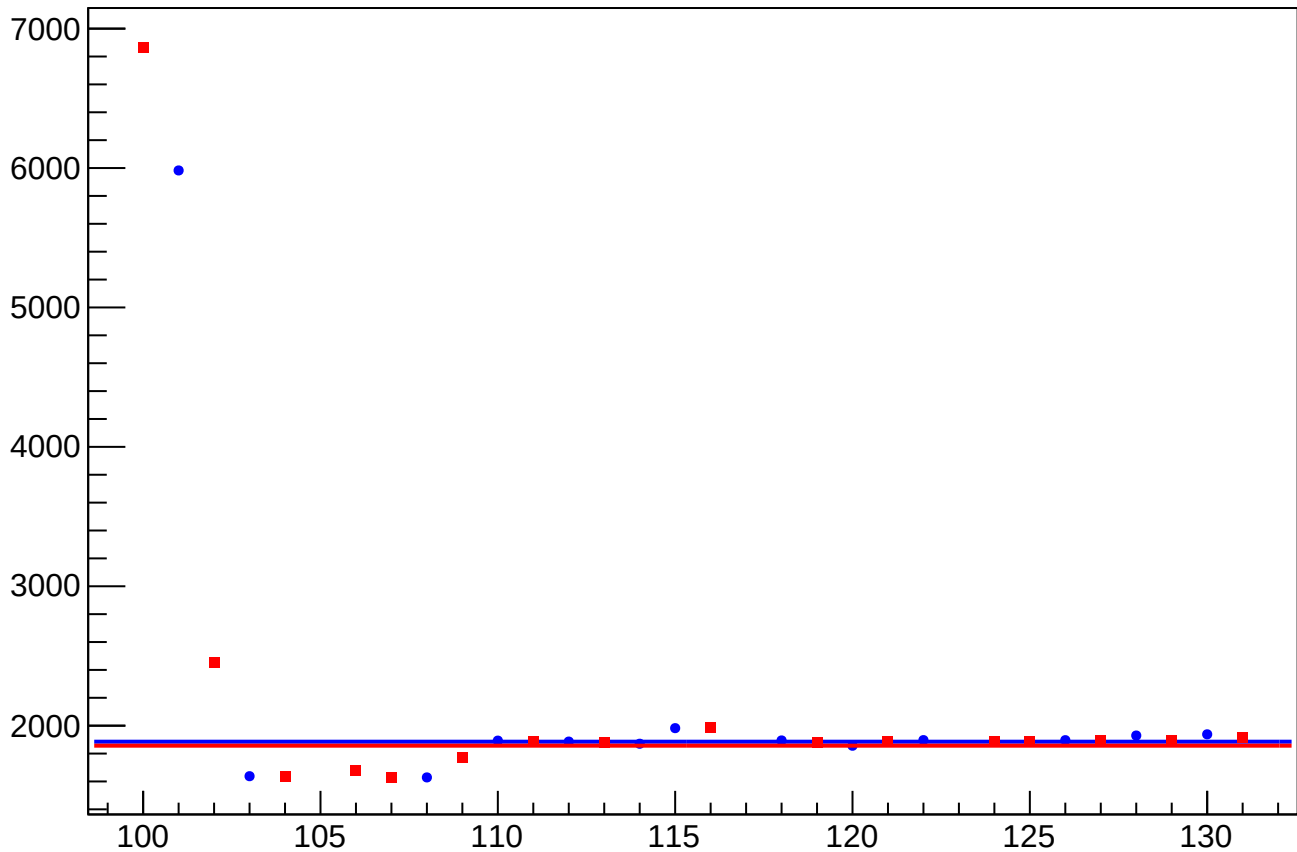
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -767.611 $\pm$ 558.464 χ^2 /NDF: 23.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atr_dd_rms vs Slug



Right In: 1885.143+/-0.584 χ^2/NDF : 664689.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1856.552+/-0.535 χ^2/NDF : 174293.8/15

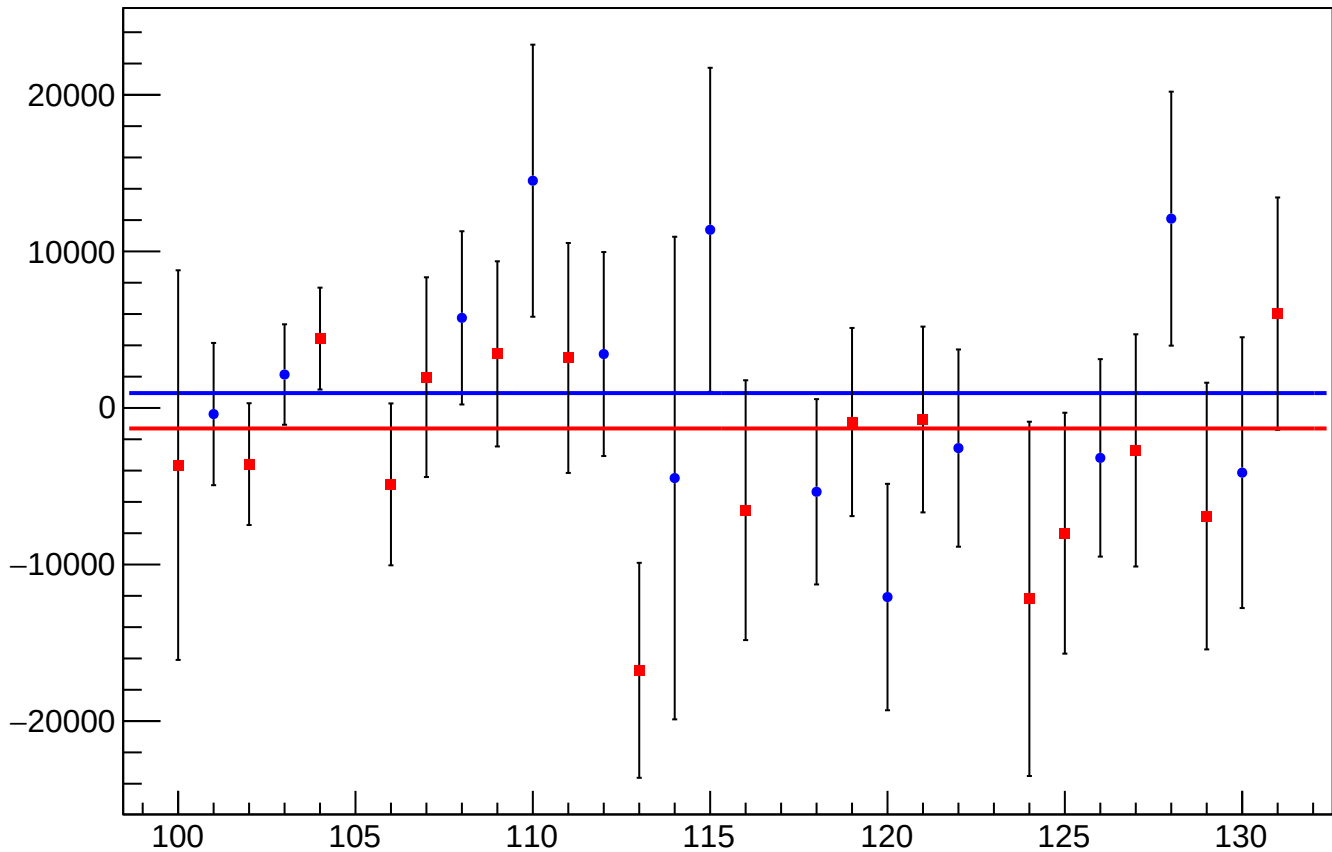
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1869.591+/-0.395 χ^2/NDF : 840286.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_cor_correction_mean vs Slug



Right In: 950.228 $\pm$ 1677.965 χ^2 /NDF: 12.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1309.416 $\pm$ 1502.896 χ^2 /NDF: 13.9/15

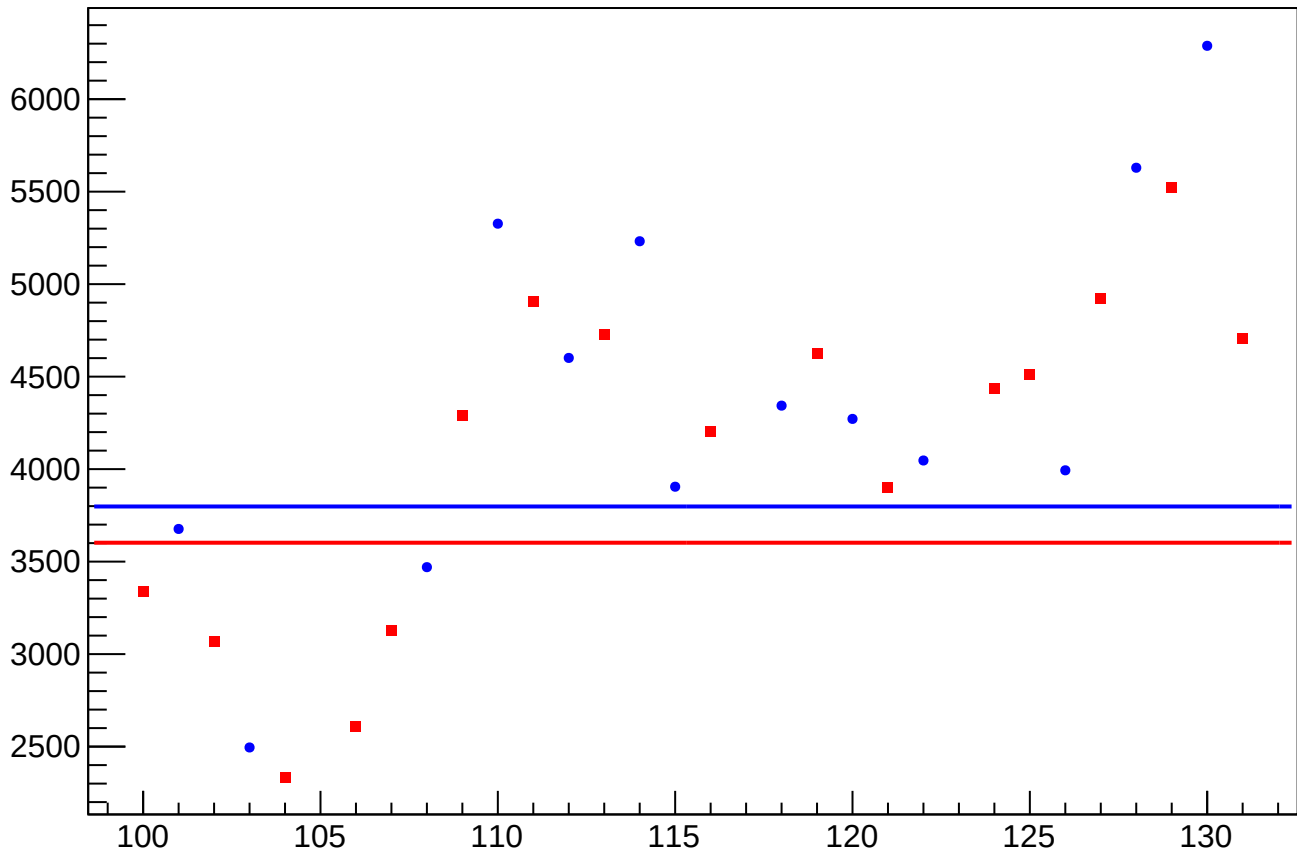
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -303.586 $\pm$ 1119.503 χ^2 /NDF: 26.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_eigen_cor_correction_rms vs Slug



Right In: 3798.052+/-1.187 χ^2/NDF : 746337.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3602.162+/-1.063 χ^2/NDF : 894042.9/15

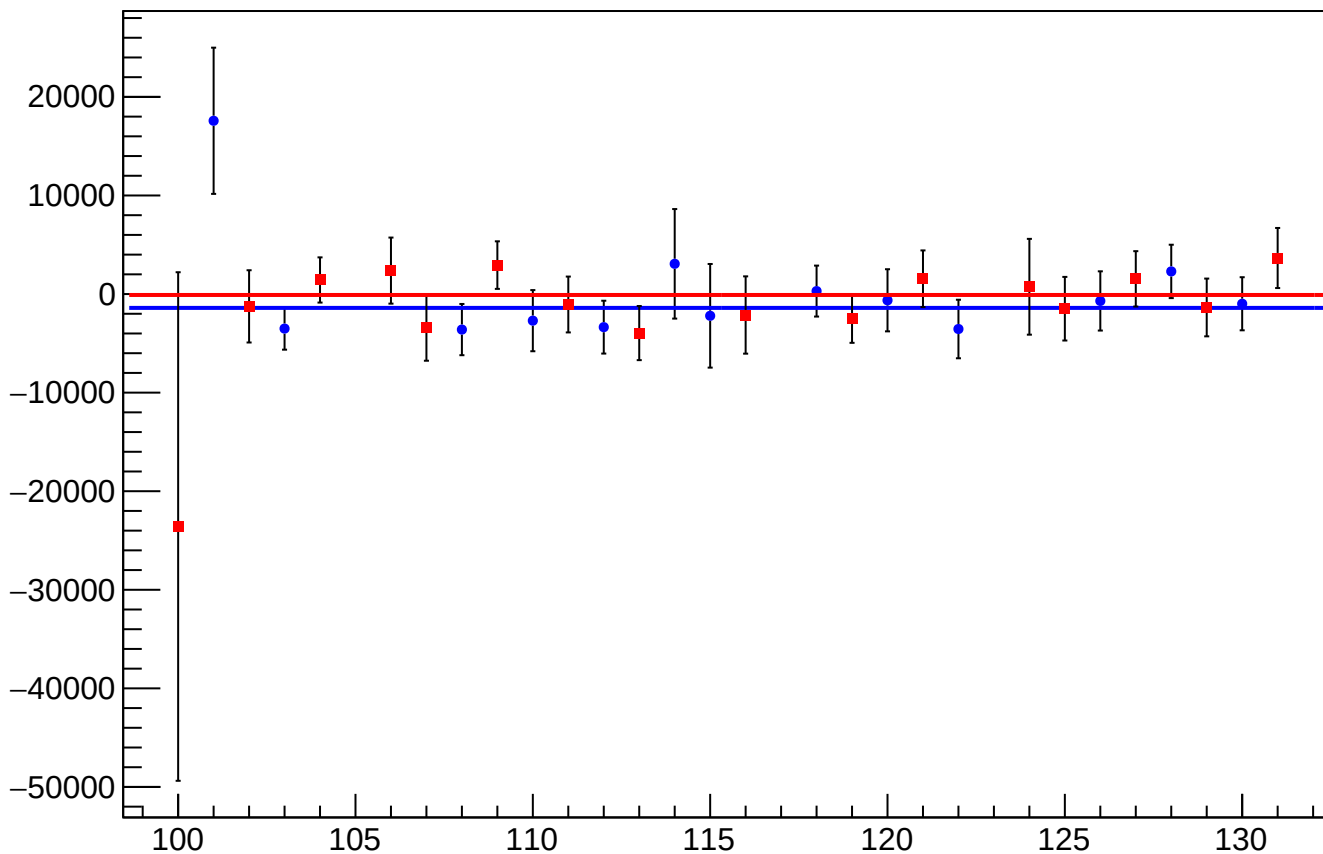
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3689.358+/-0.792 χ^2/NDF : 1655505.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr_dd_mean vs Slug



Right In: -1403.891+/-831.683 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -93.013+/-762.919 χ^2/NDF : 10.4/15

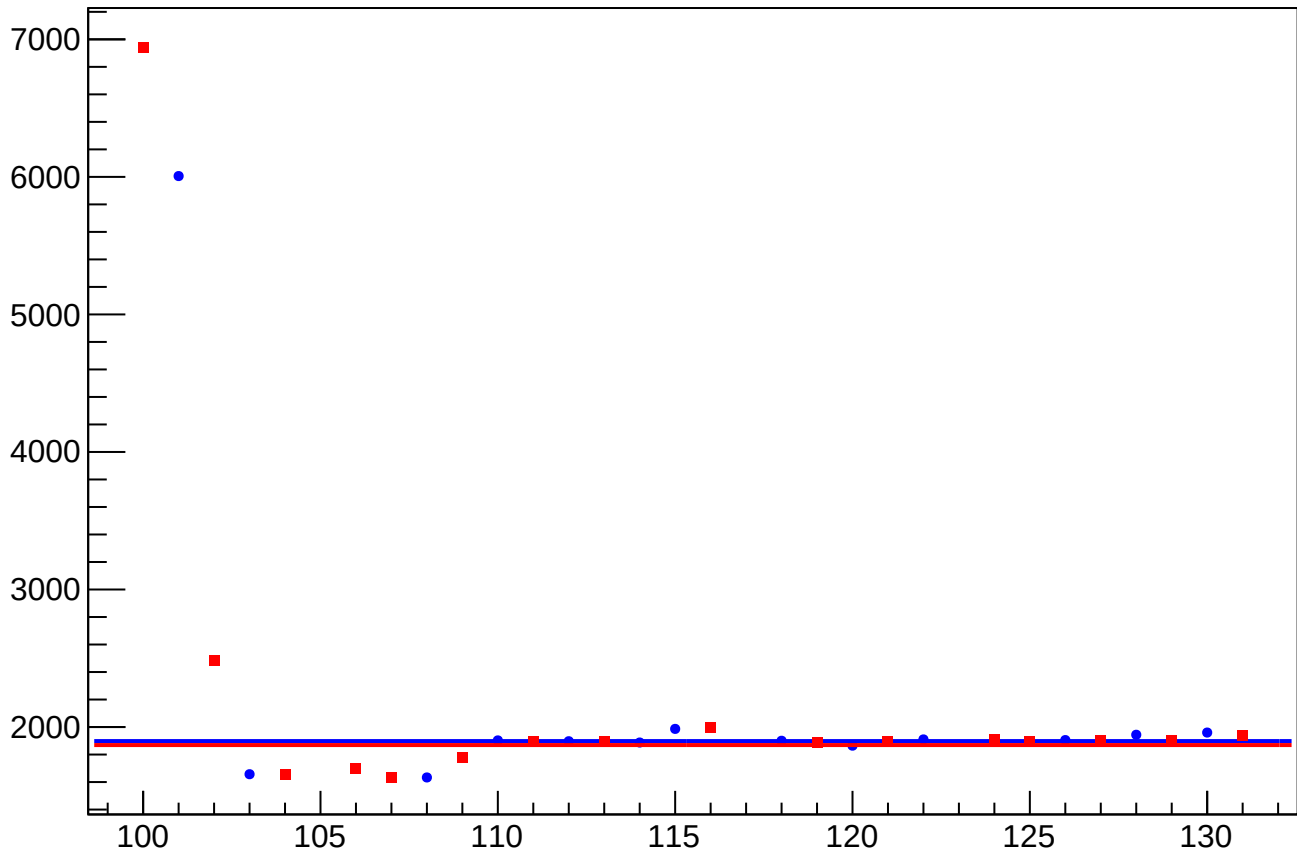
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -692.028+/-562.206 χ^2/NDF : 24.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr_dd_rms vs Slug



Right In: 1897.934+/-0.588 χ^2/NDF : 662279.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

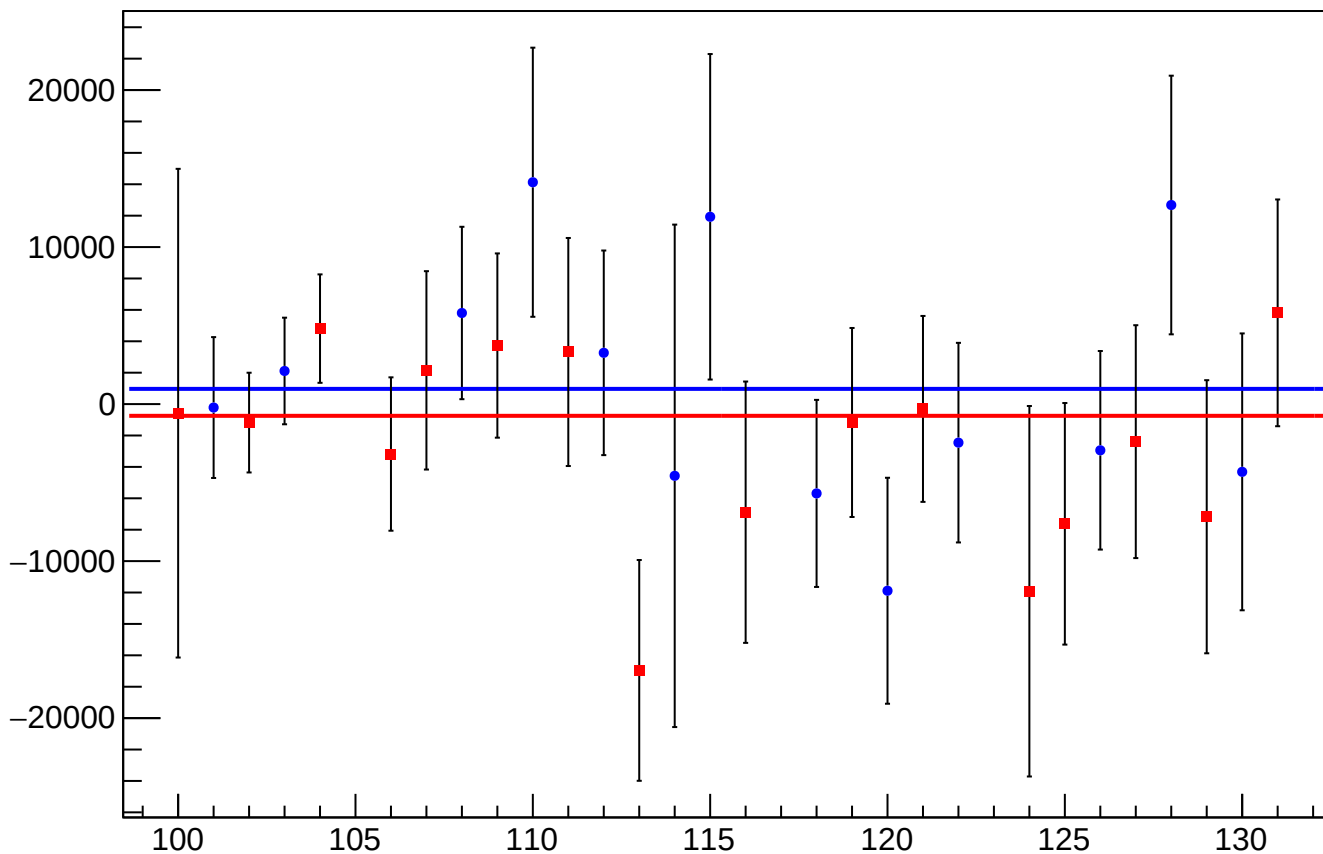
Right Out: 1868.938+/-0.539 χ^2/NDF : 173996.5/15

All: 1882.170+/-0.397 χ^2/NDF : 837597.8/28

- 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: 968.870 $\pm$ 1702.697 χ^2 /NDF: 12.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -746.888 $\pm$ 1462.330 χ^2 /NDF: 12.9/15

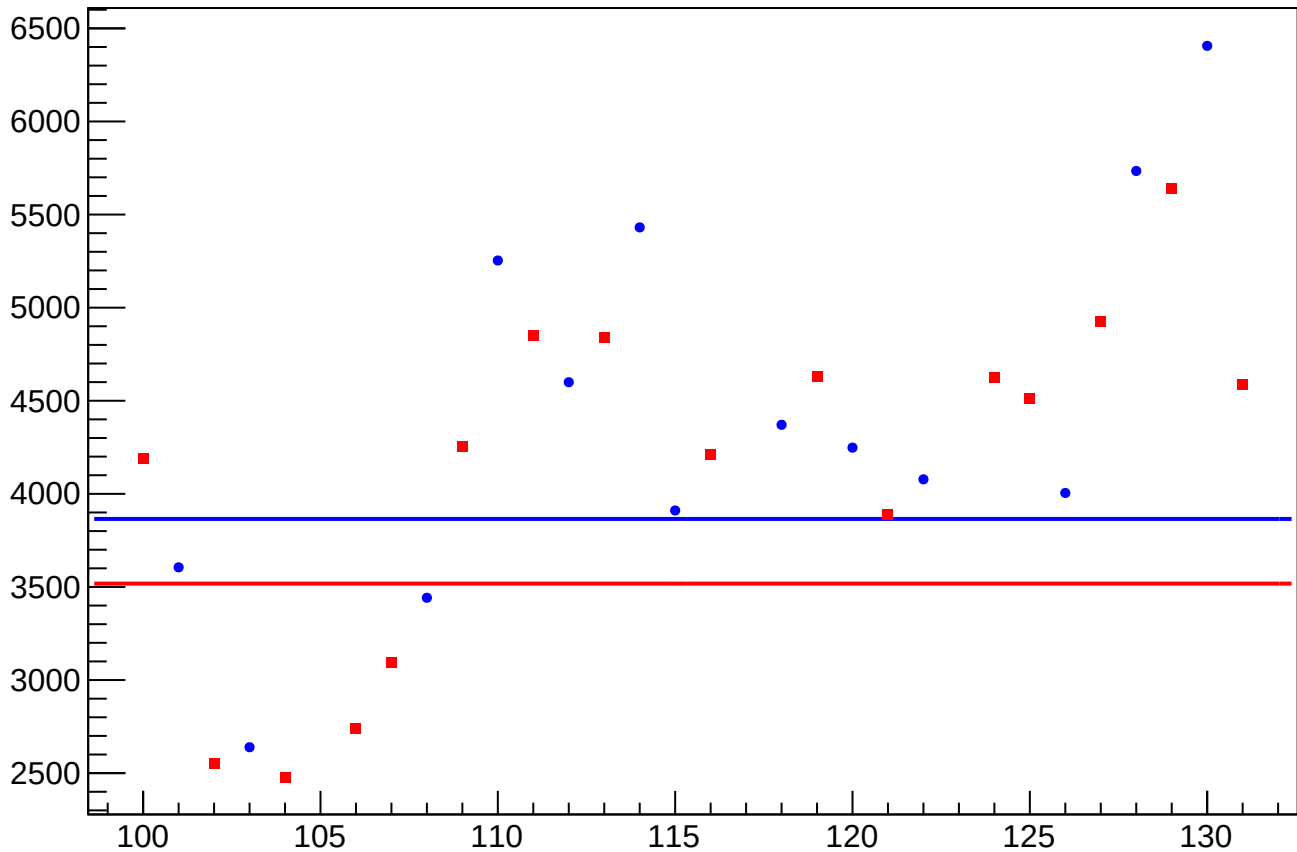
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -18.564 $\pm$ 1109.357 χ^2 /NDF: 25.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_dit_correction_rms vs Slug



Right In: 3865.297+/-1.204 χ^2/NDF : 668994.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

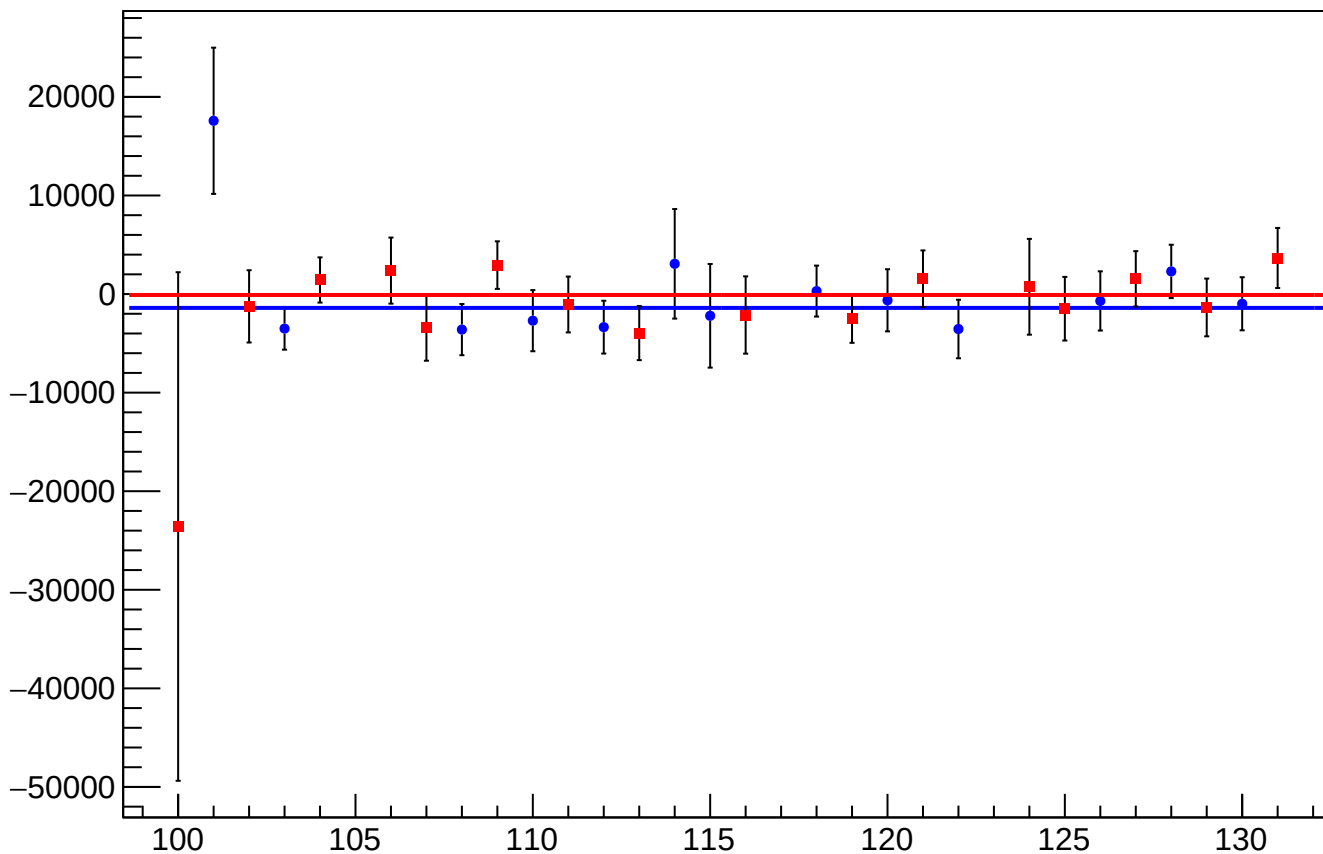
Right Out: 3517.995+/-1.034 χ^2/NDF : 975625.8/15

All: 3665.422+/-0.784 χ^2/NDF : 1692508.0/28

- 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: -1403.892 ± 831.683 χ^2/NDF : 12.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -93.006 ± 762.919 χ^2/NDF : 10.4/15

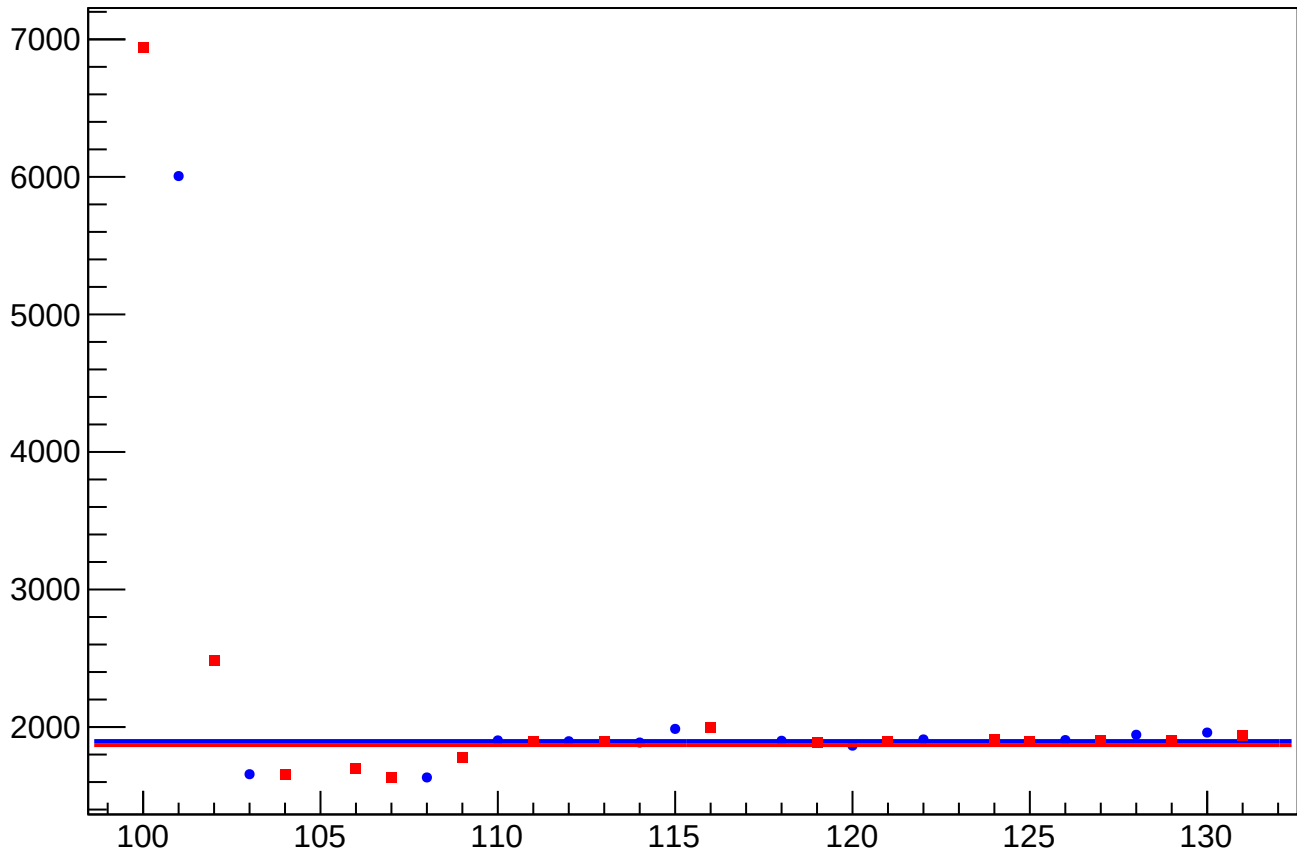
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -692.026 ± 562.206 χ^2/NDF : 24.4/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr_dd_rms vs Slug



Right In: 1897.933+/-0.588 χ^2/NDF : 662279.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1868.938+/-0.539 χ^2/NDF : 173996.5/15

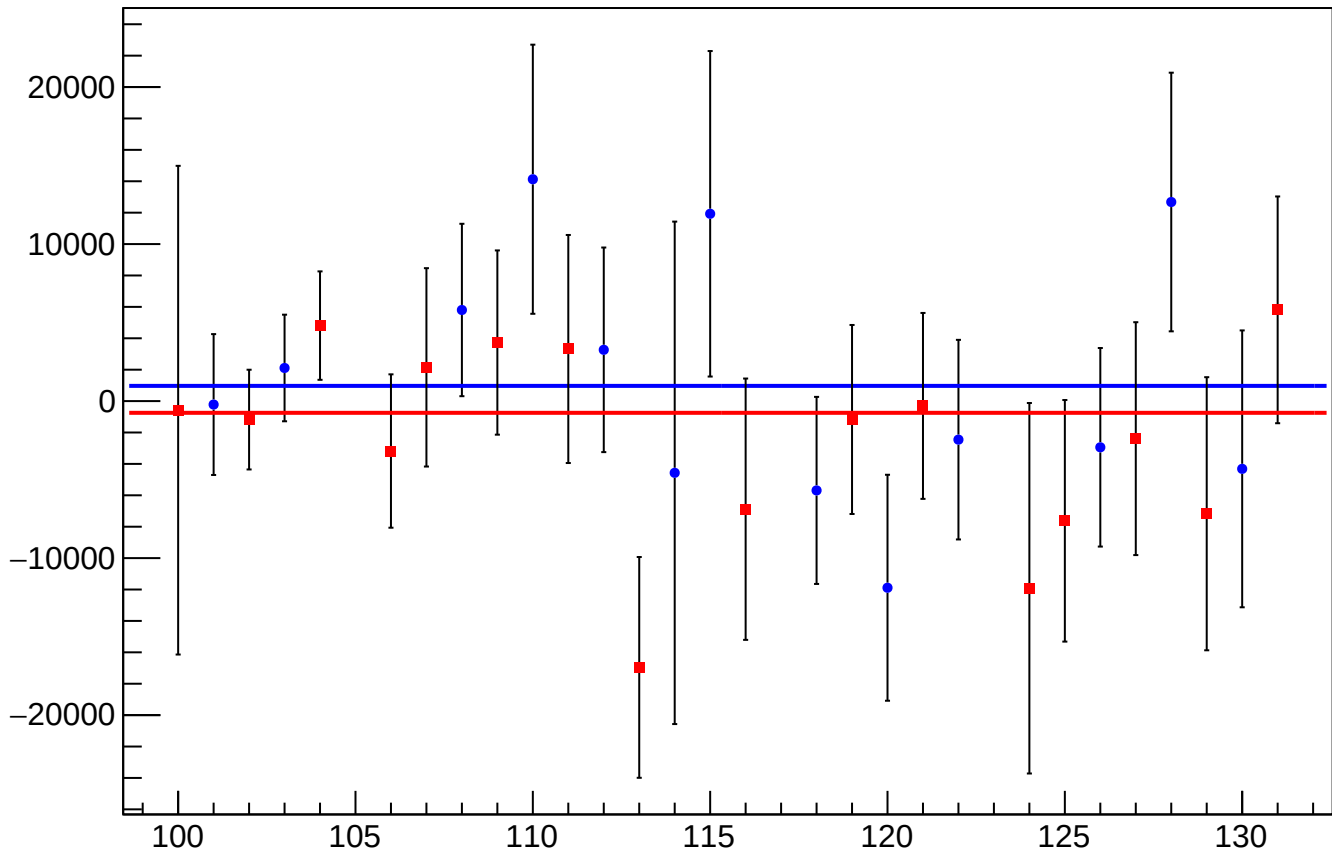
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1882.170+/-0.397 χ^2/NDF : 837597.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_dit_correction_mean vs Slug



Right In: 968.865 $\pm$ 1702.694 χ^2 /NDF: 12.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -746.886 $\pm$ 1462.327 χ^2 /NDF: 12.9/15

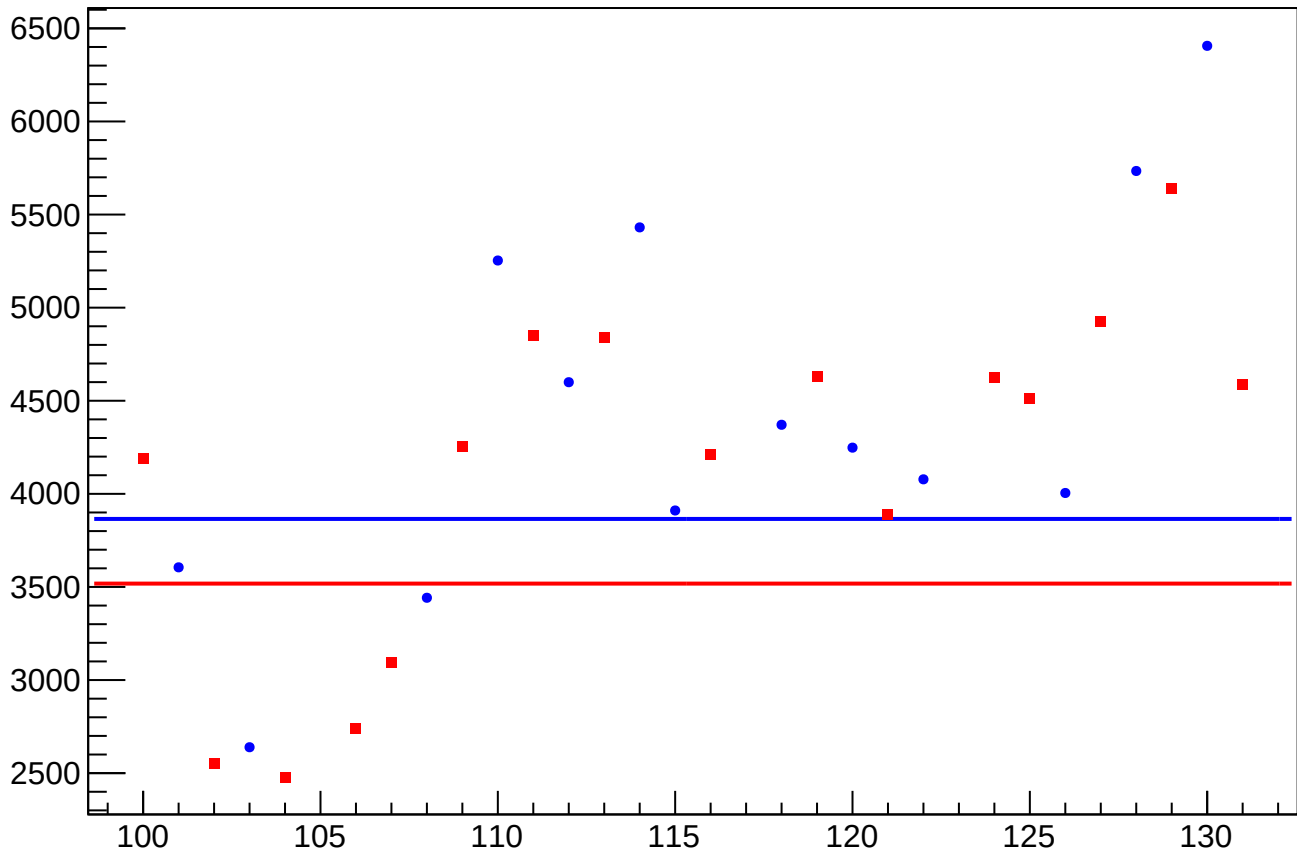
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -18.565 $\pm$ 1109.355 χ^2 /NDF: 25.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_eigen_dit_correction_rms vs Slug



Right In: 3865.291+/-1.204 χ^2/NDF : 668987.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

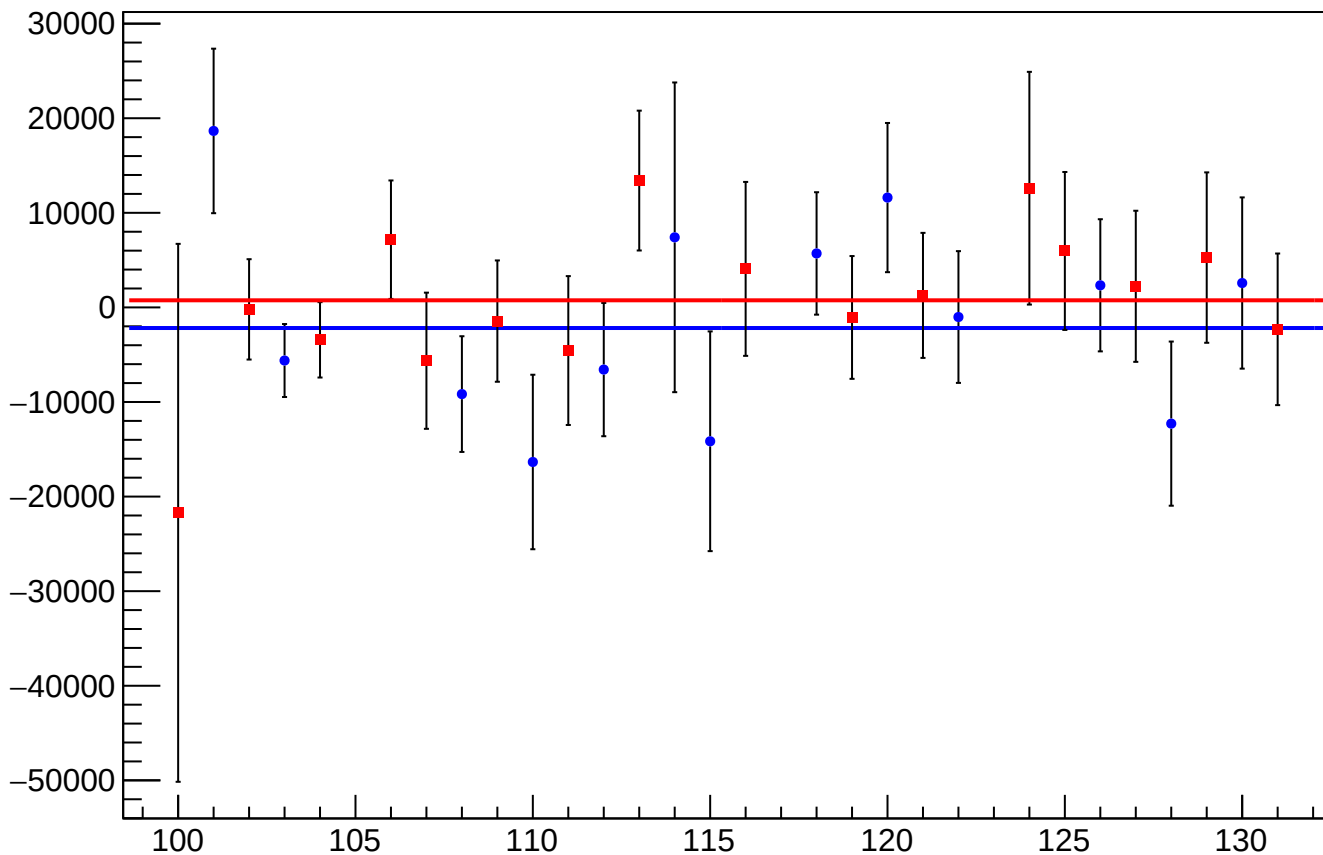
Right Out: 3517.990+/-1.034 χ^2/NDF : 975617.9/15

All: 3665.416+/-0.784 χ^2/NDF : 1692492.3/28

- 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: -2178.732 $\pm$ 1973.600 χ^2 /NDF: 18.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 750.519 $\pm$ 1750.589 χ^2 /NDF: 9.1/15

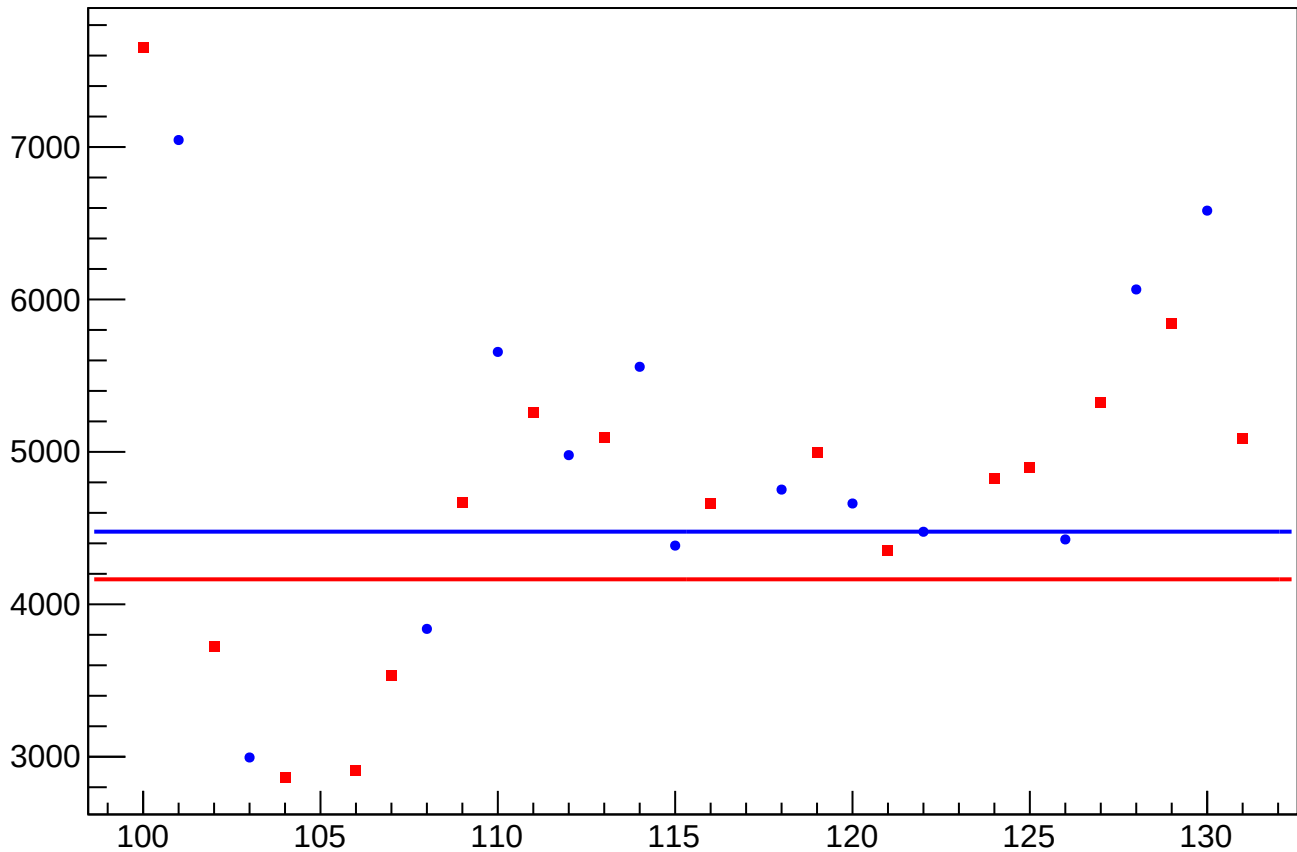
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -539.325 $\pm$ 1309.632 χ^2 /NDF: 28.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_rms vs Slug



Right In: 4476.682 $\pm$ 1.396 χ^2 /NDF: 723131.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4163.973 $\pm$ 1.226 χ^2 /NDF: 654615.1/15

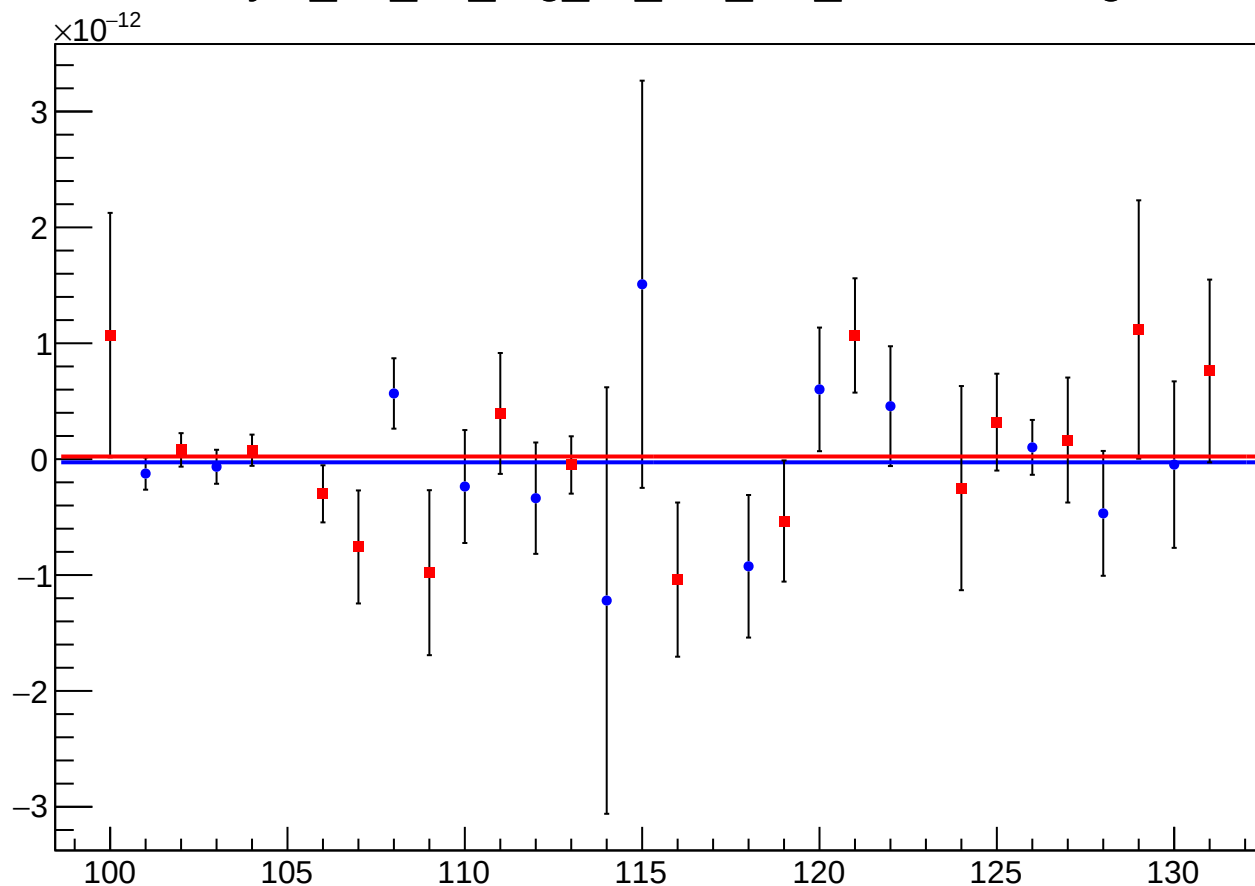
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4300.203 $\pm$ 0.921 χ^2 /NDF: 1406083.2/28

- sign 0.000 $\pm$ 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 : 11.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 18.8/15

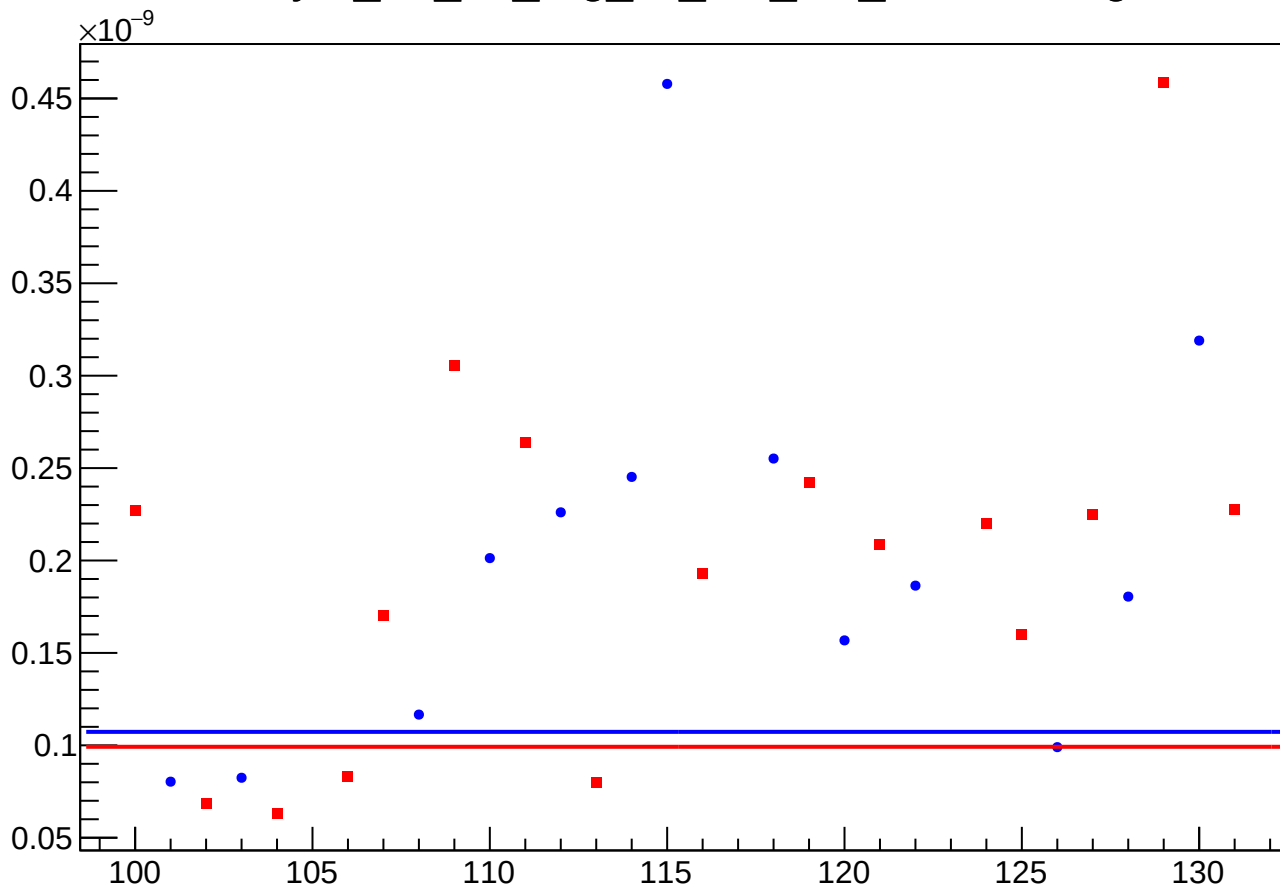
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 30.6/28

- 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+/-0.000 χ^2/NDF : 814228.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1432320.7/15

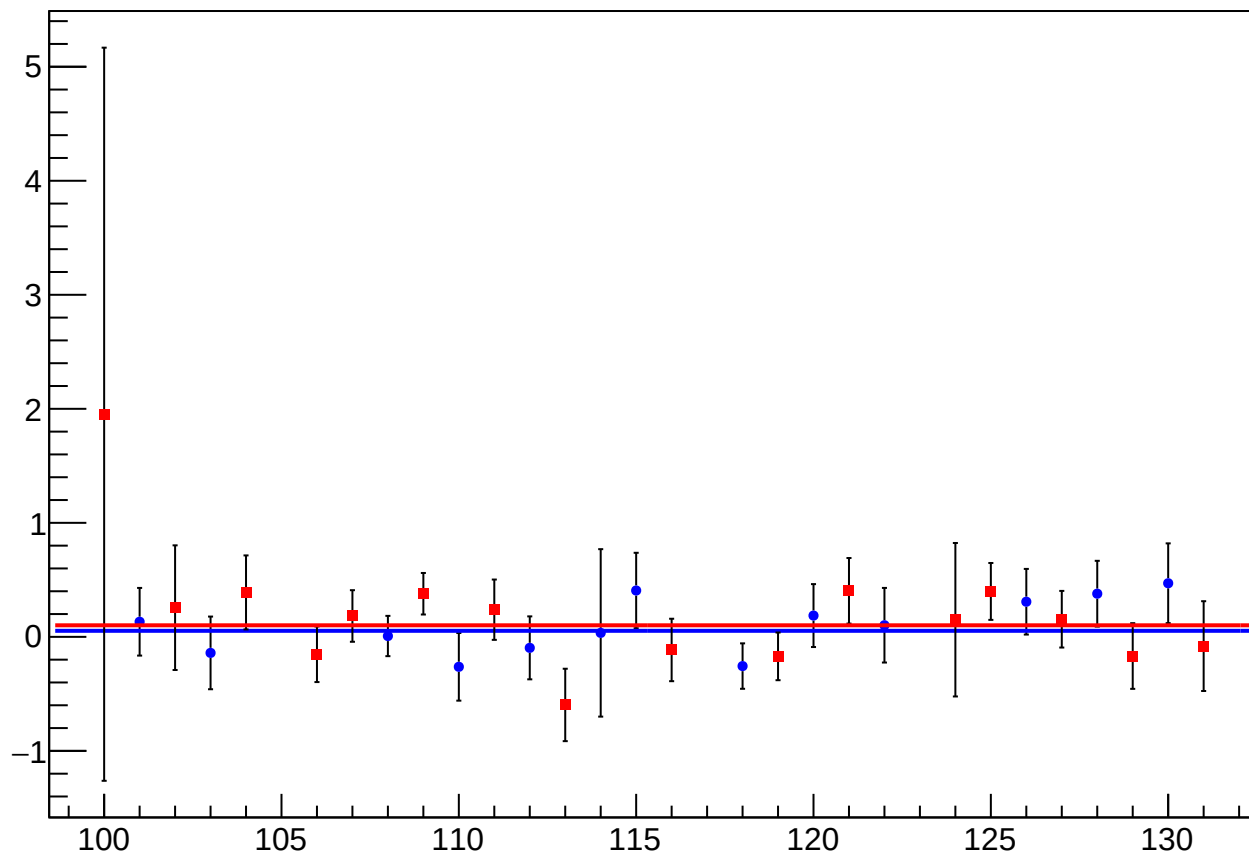
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2256961.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.053+/-0.077 χ^2/NDF : 9.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.101+/-0.070 χ^2/NDF : 15.8/15

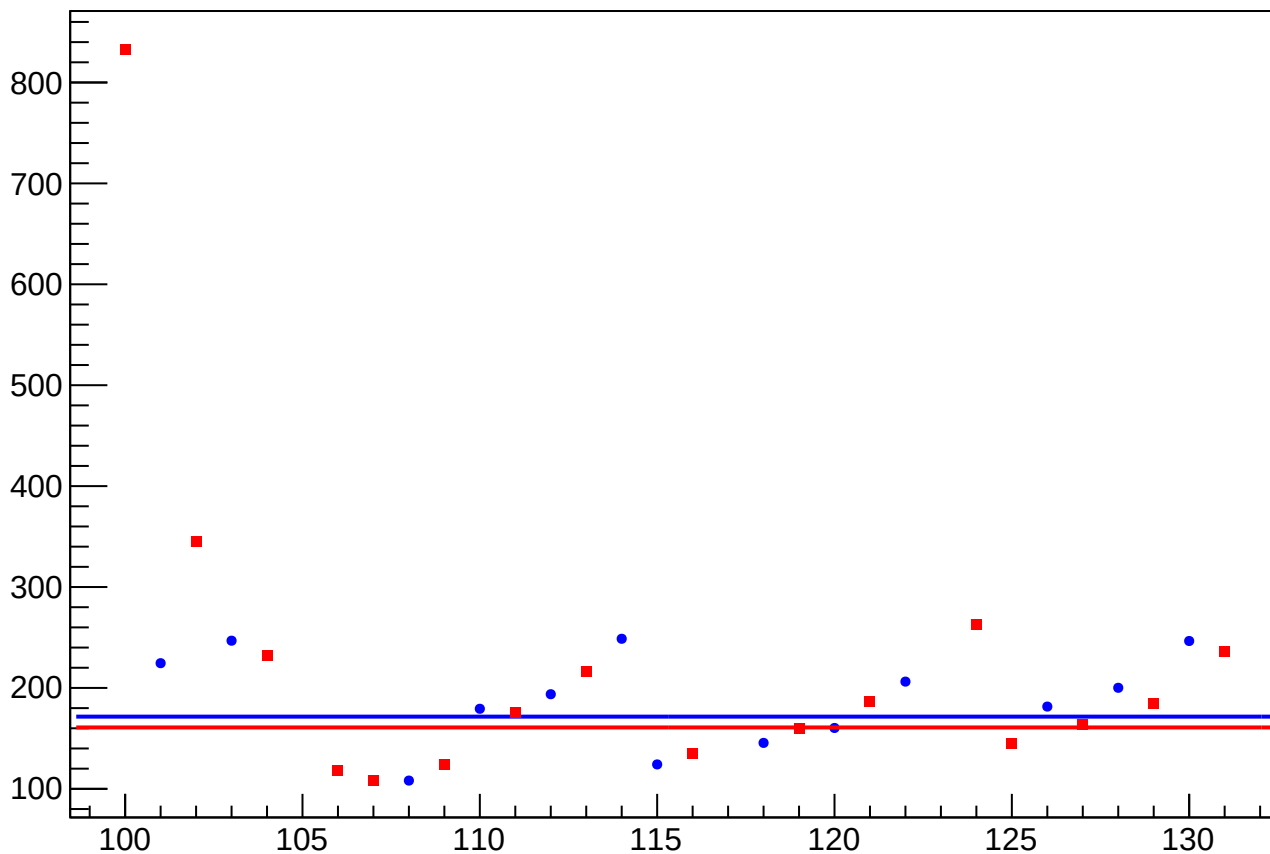
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.080+/-0.052 χ^2/NDF : 25.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_dit_vs_cor_diff_rms vs Slug



Right In: 171.565+/-0.054 χ^2/NDF : 683860.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 160.847+/-0.049 χ^2/NDF : 903202.4/15

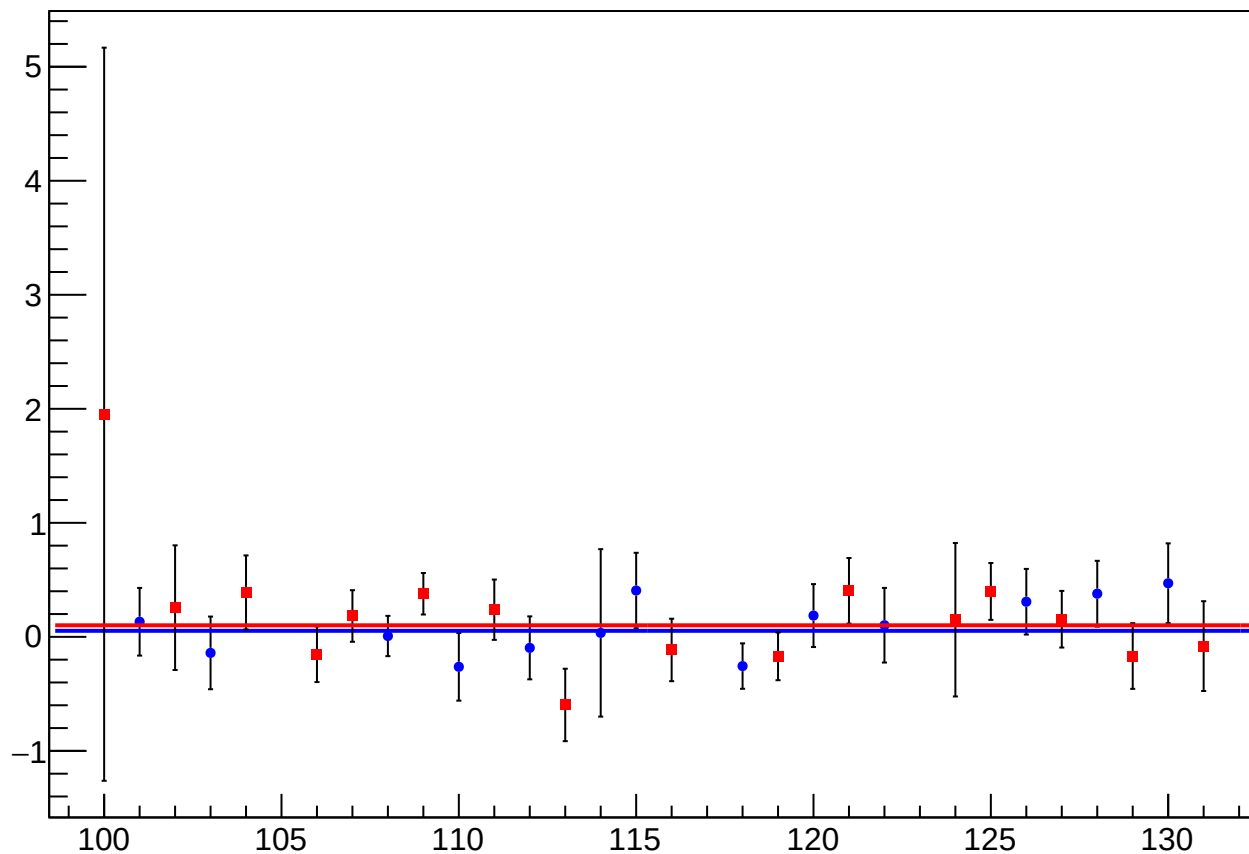
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.685+/-0.037 χ^2/NDF : 1608322.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.053+/-0.077 χ^2/NDF : 9.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.101+/-0.070 χ^2/NDF : 15.8/15

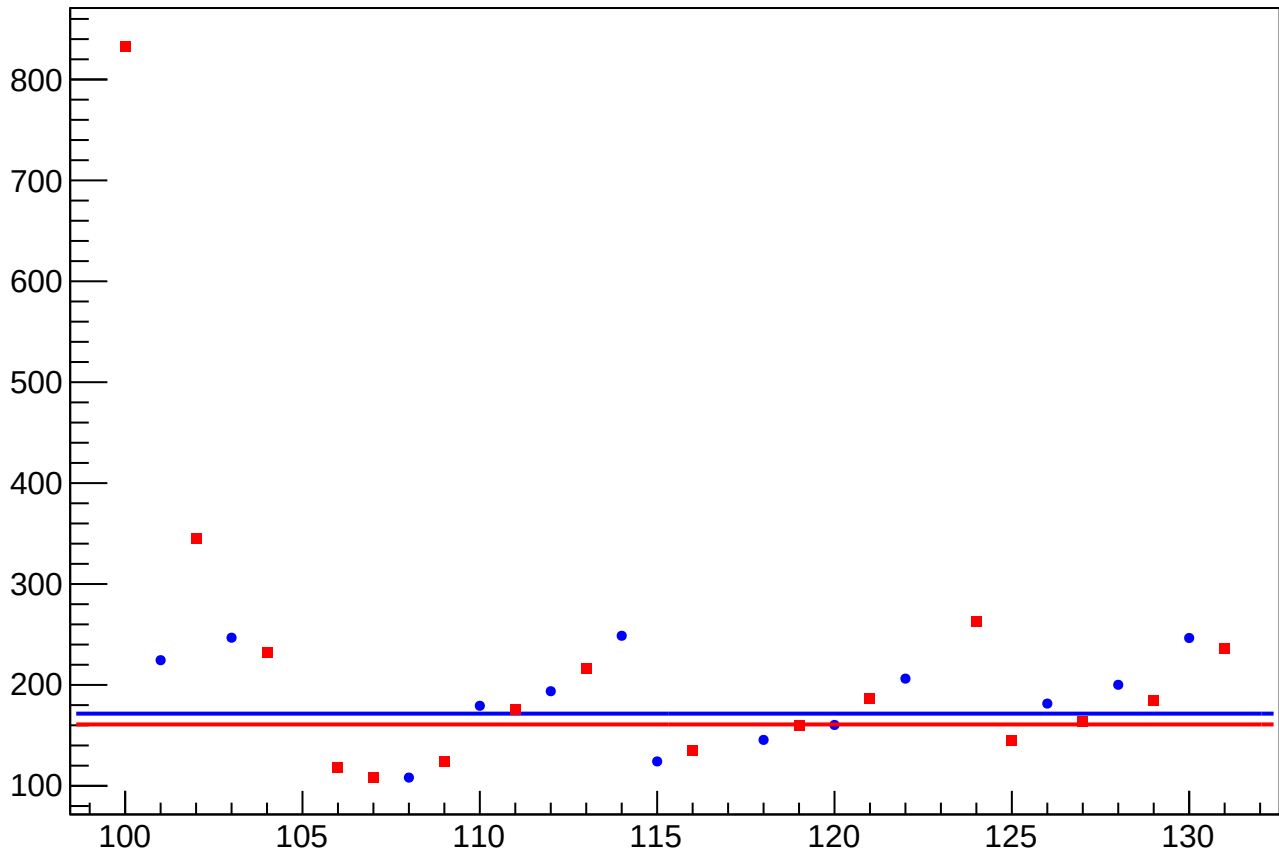
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.080+/-0.052 χ^2/NDF : 25.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 171.565+/-0.054 χ^2/NDF : 683860.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 160.847+/-0.049 χ^2/NDF : 903202.4/15

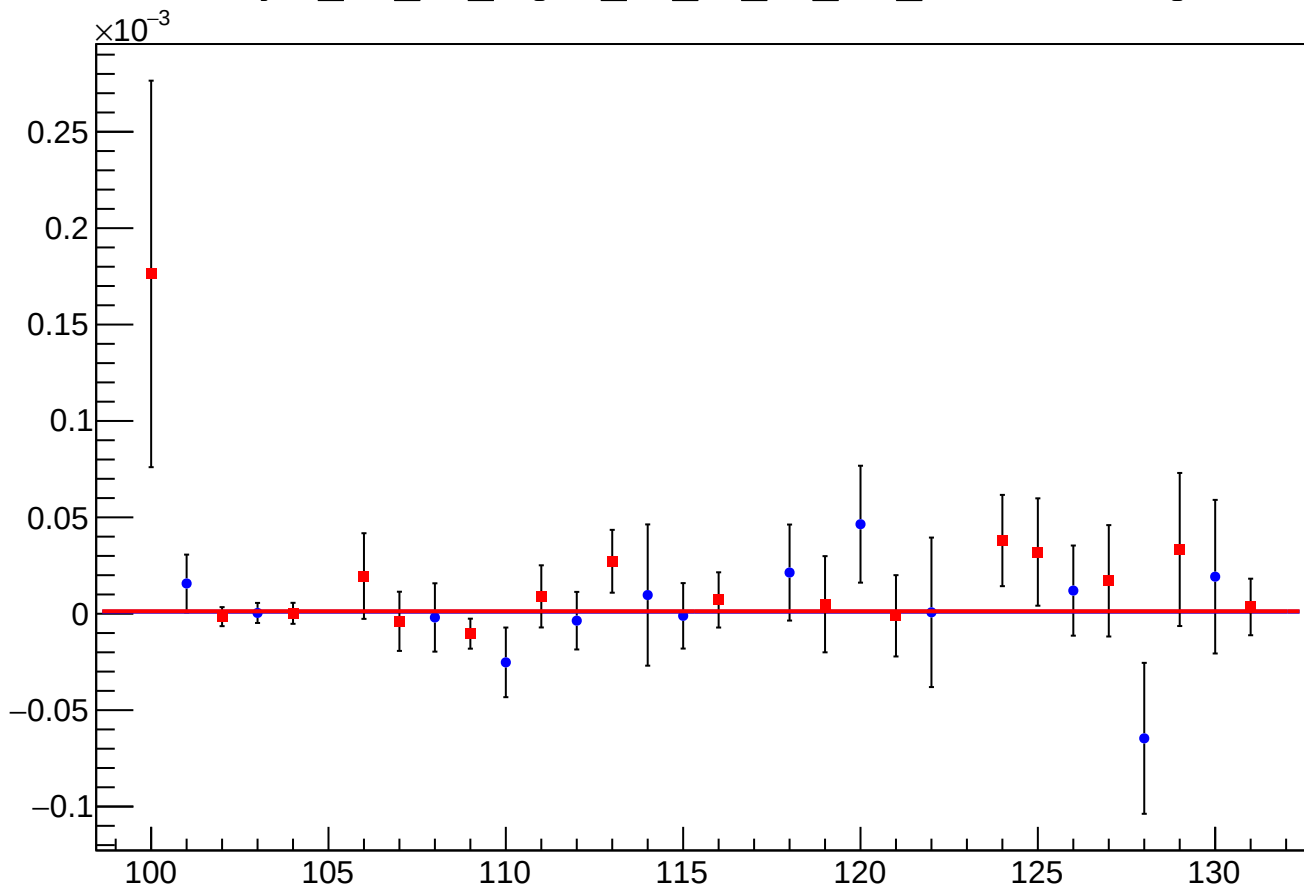
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.685+/-0.037 χ^2/NDF : 1608322.8/28

- sign 0.000+/-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: 9.4/12

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

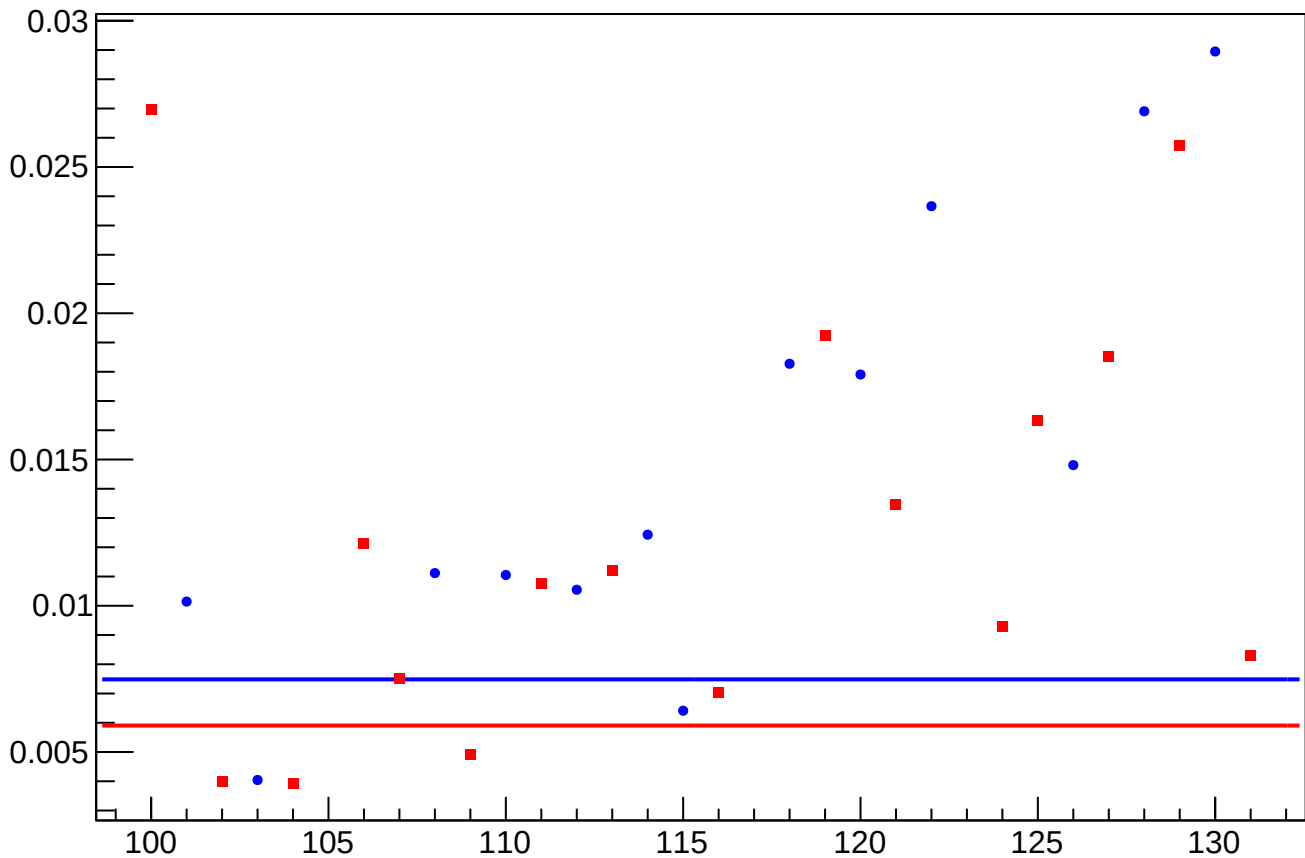
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.4/28

- 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: 0.007+/-0.000 χ^2/NDF : 3458679.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 3362349.0/15

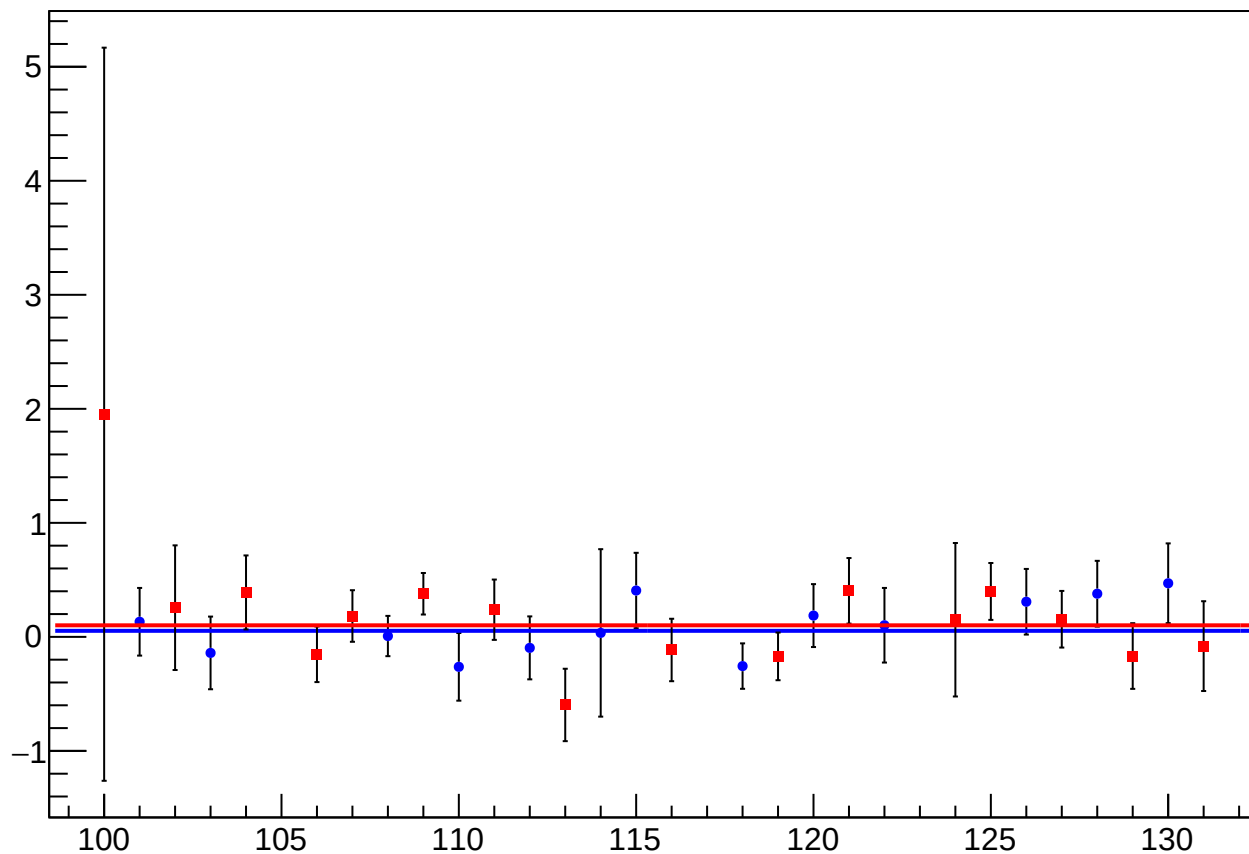
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 7028872.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.053+/-0.077 χ^2/NDF : 9.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.101+/-0.070 χ^2/NDF : 15.8/15

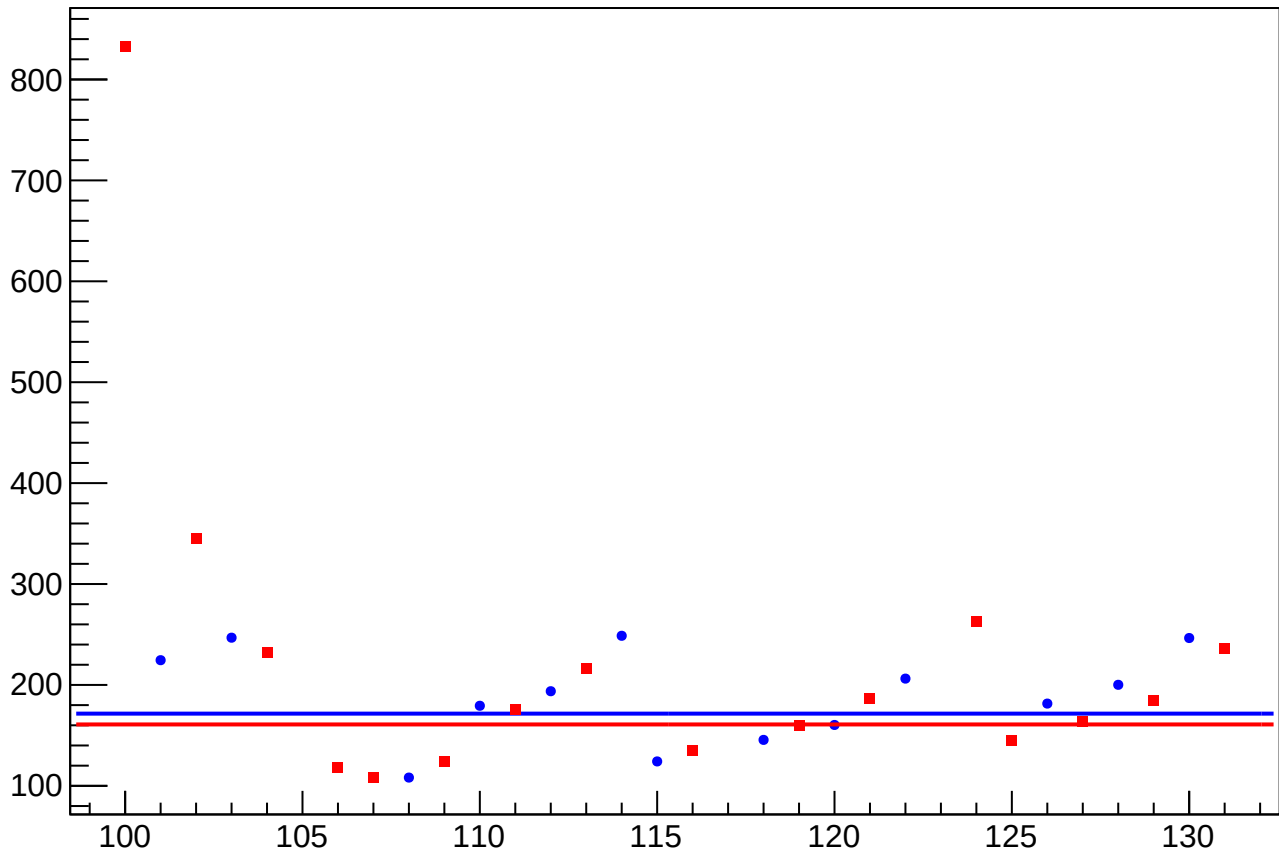
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.080+/-0.052 χ^2/NDF : 25.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 171.562 $\pm$ 0.054 χ^2 /NDF: 683874.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 160.847 $\pm$ 0.049 χ^2 /NDF: 903186.8/15

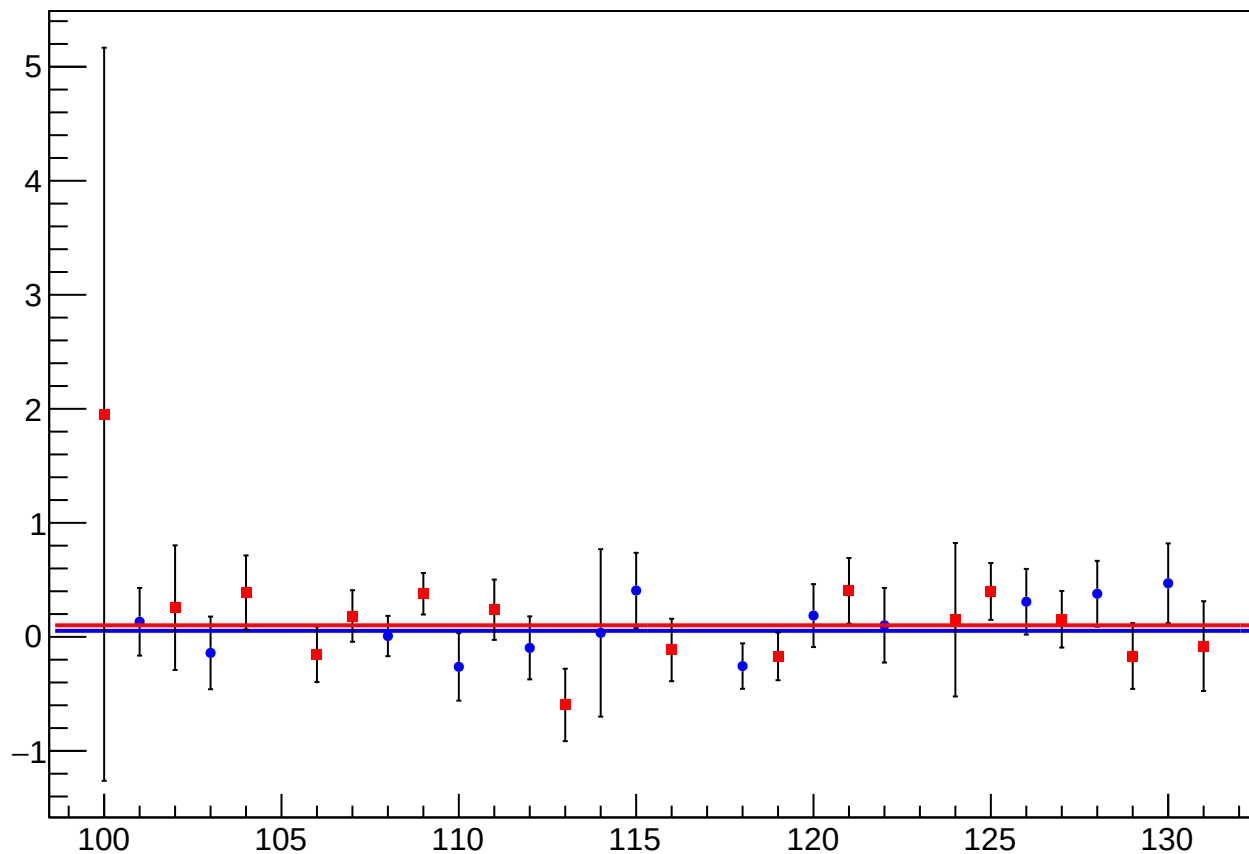
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 165.683 $\pm$ 0.037 χ^2 /NDF: 1608309.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.053+/-0.077 χ^2/NDF : 9.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.101+/-0.070 χ^2/NDF : 15.8/15

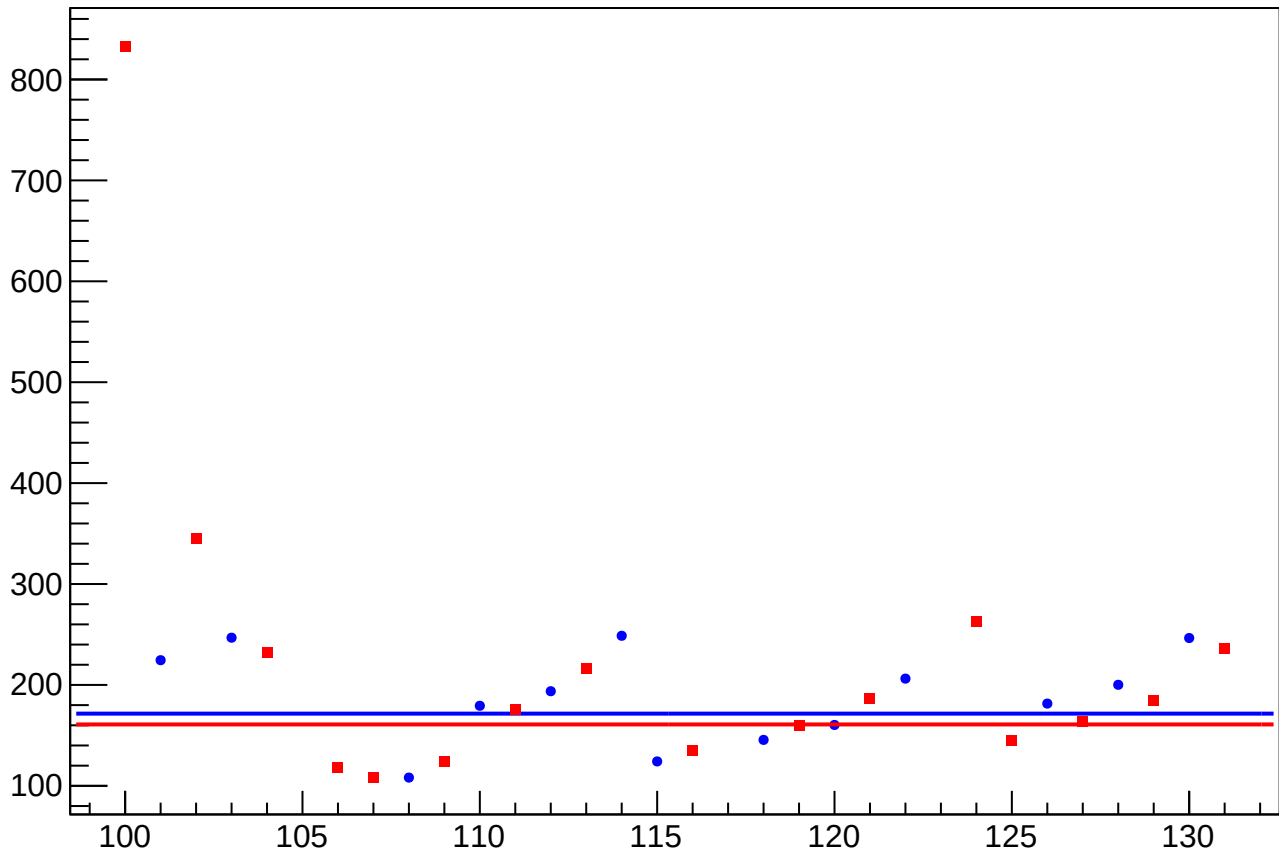
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.080+/-0.052 χ^2/NDF : 25.3/28

- 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: 171.562 $\pm$ 0.054 χ^2 /NDF: 683874.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 160.847 $\pm$ 0.049 χ^2 /NDF: 903186.8/15

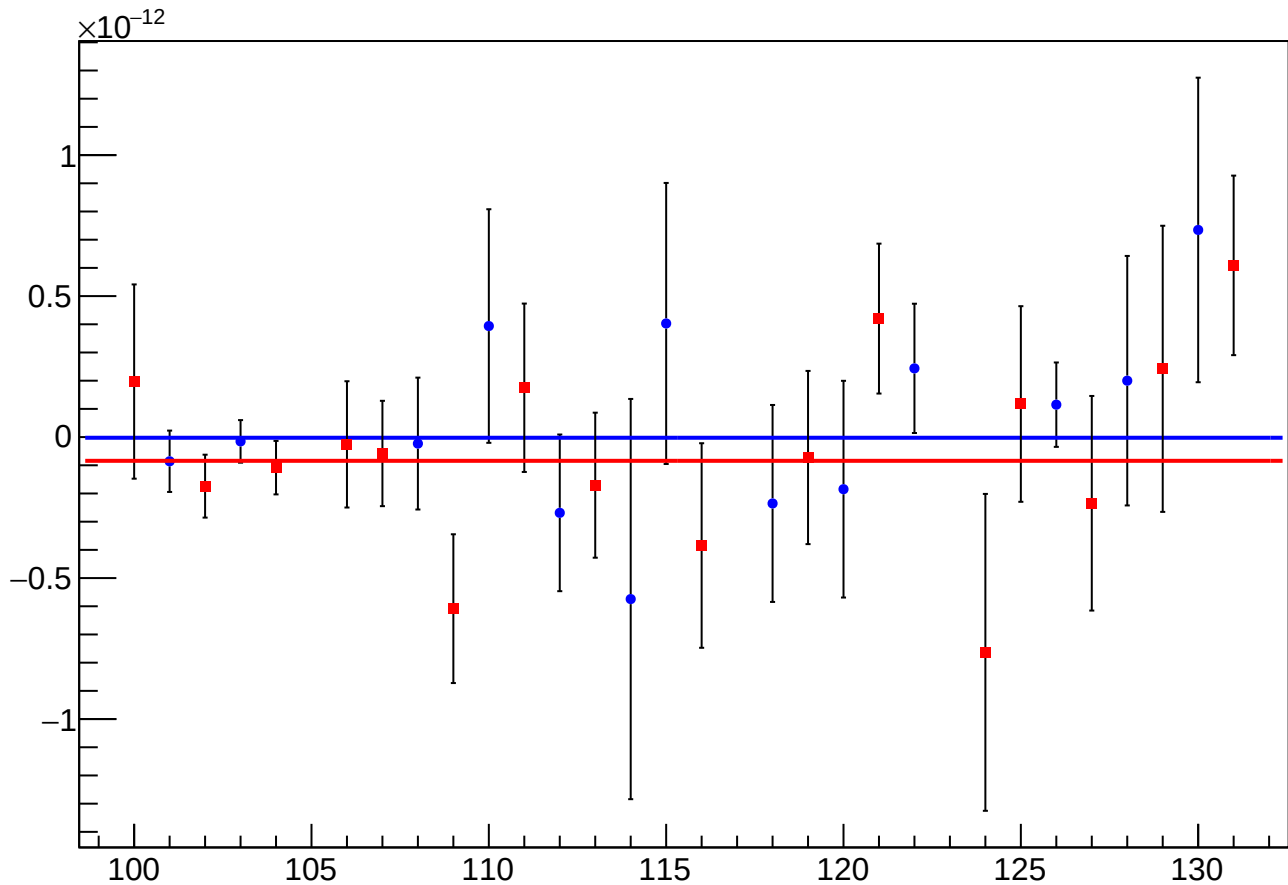
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 165.683 $\pm$ 0.037 χ^2 /NDF: 1608309.2/28

- 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 : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.7/15

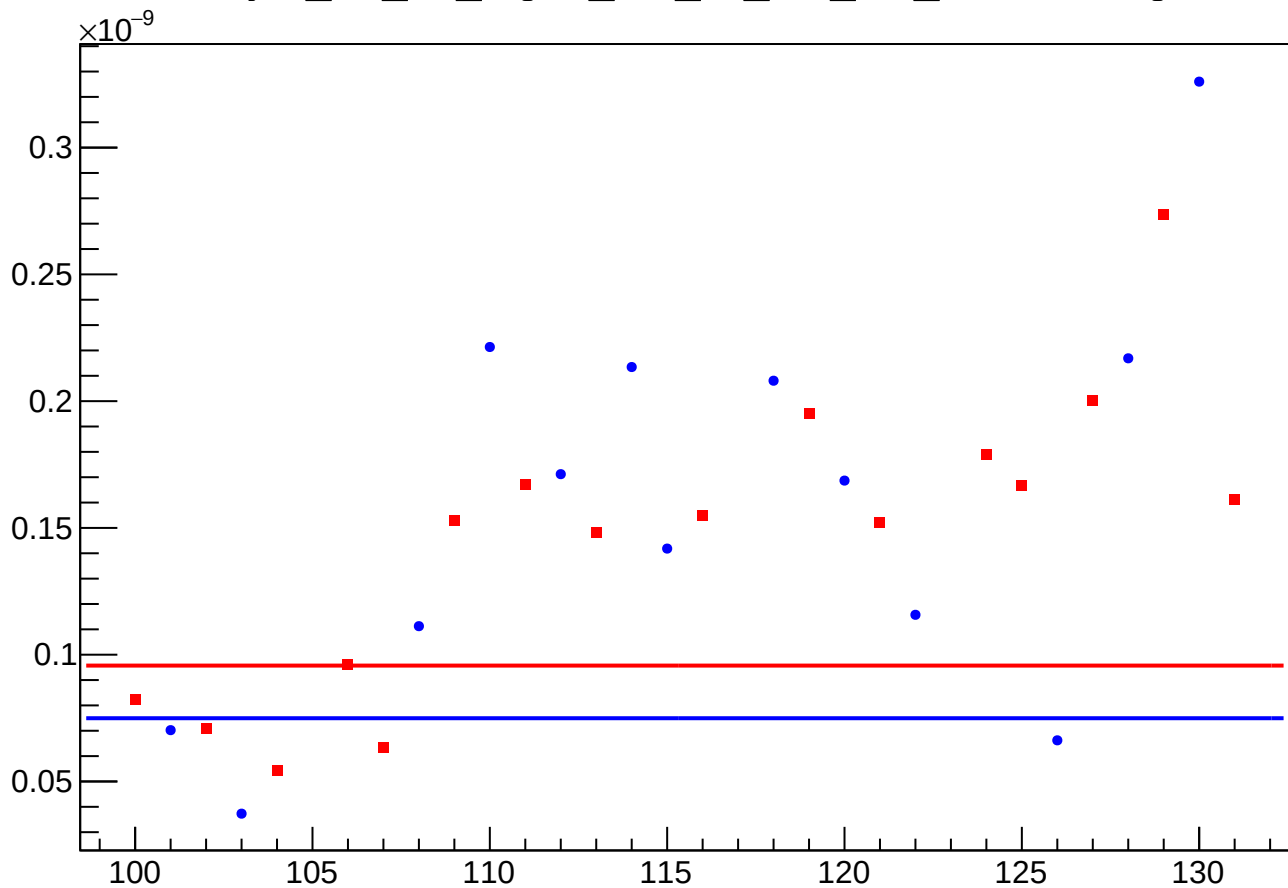
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.2/28

- 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 : 2269610.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1799359.5/15

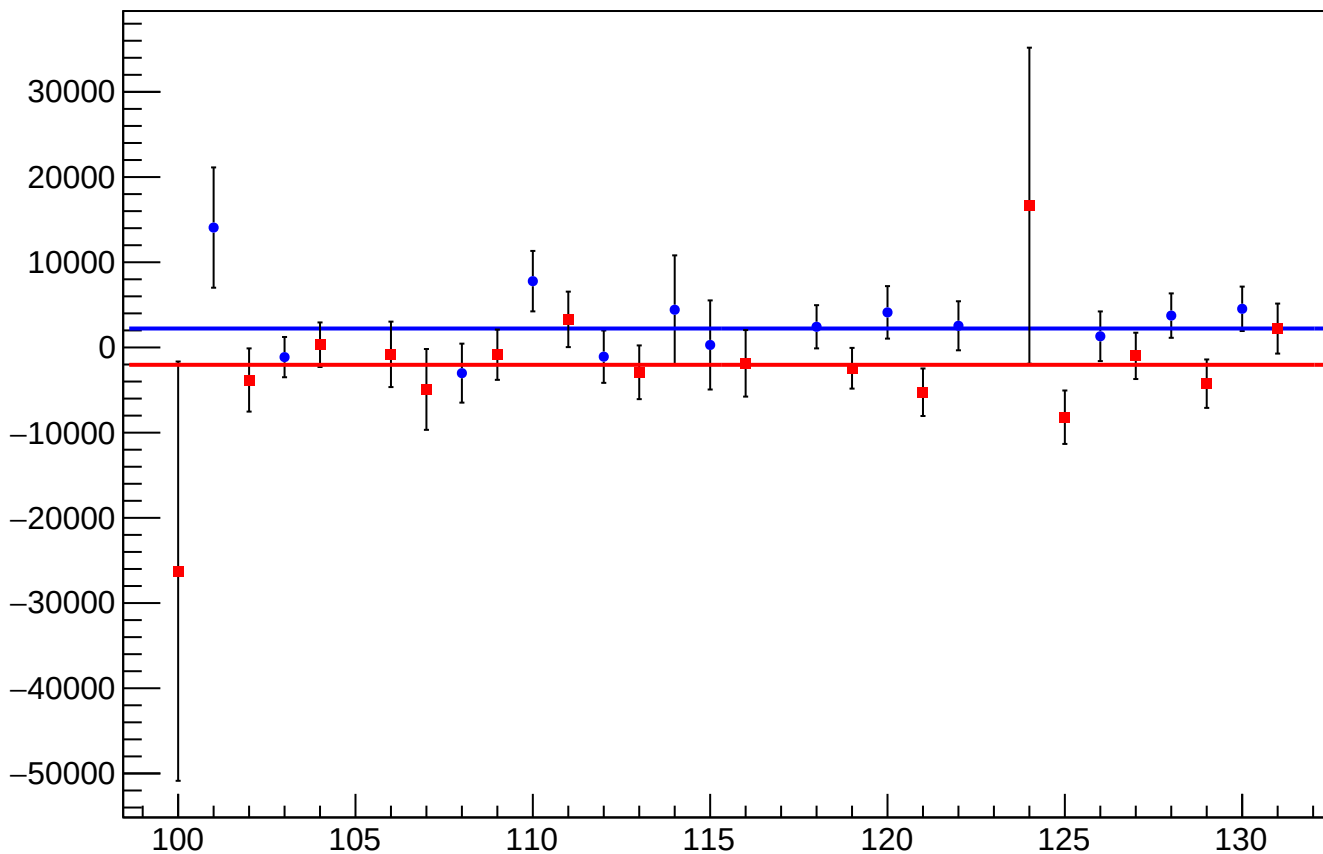
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4228945.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_mean vs Slug



Right In: 2224.443+/-869.499 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2037.385+/-818.742 χ^2/NDF : 14.5/15

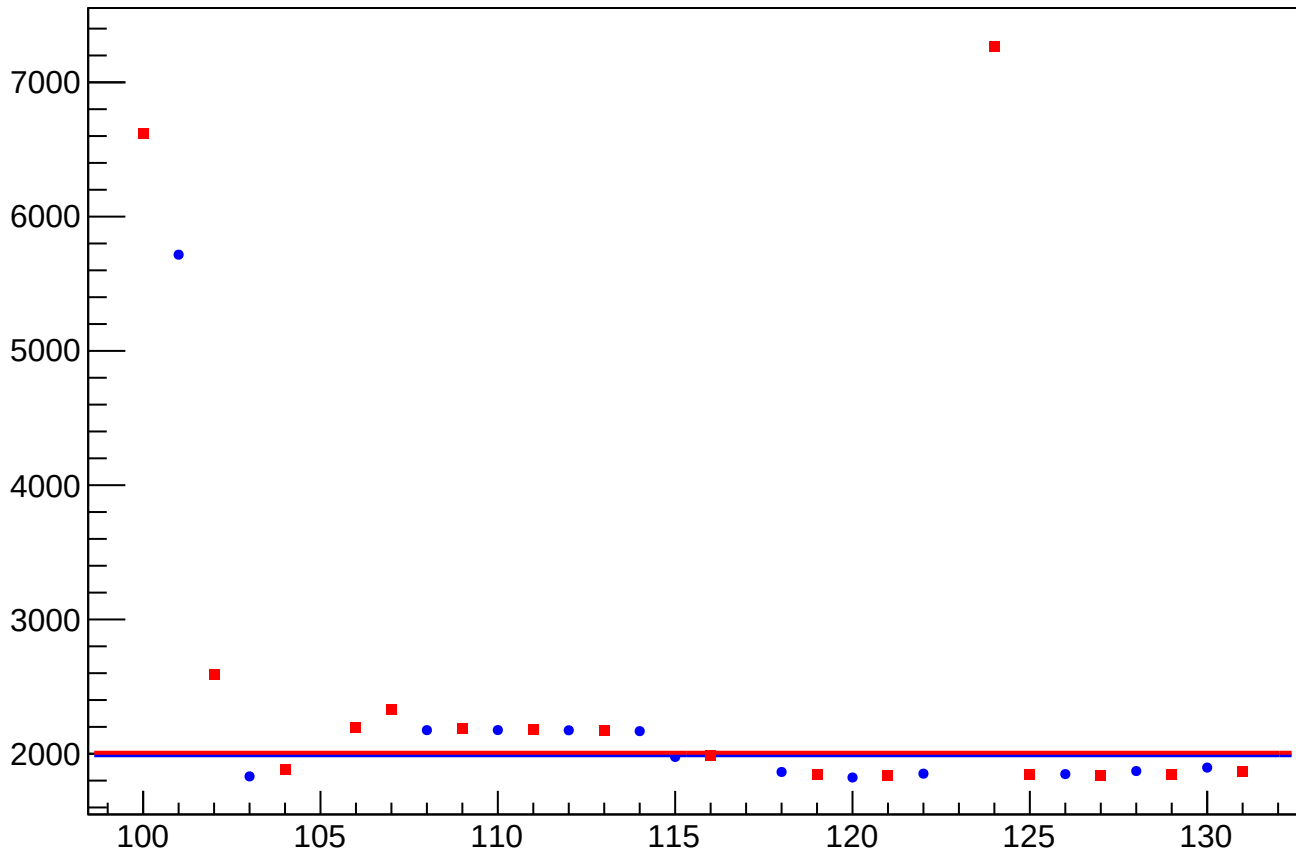
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.489+/-596.075 χ^2/NDF : 39.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_rms vs Slug



Right In: 1988.843+/-0.615 χ^2/NDF : 613207.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

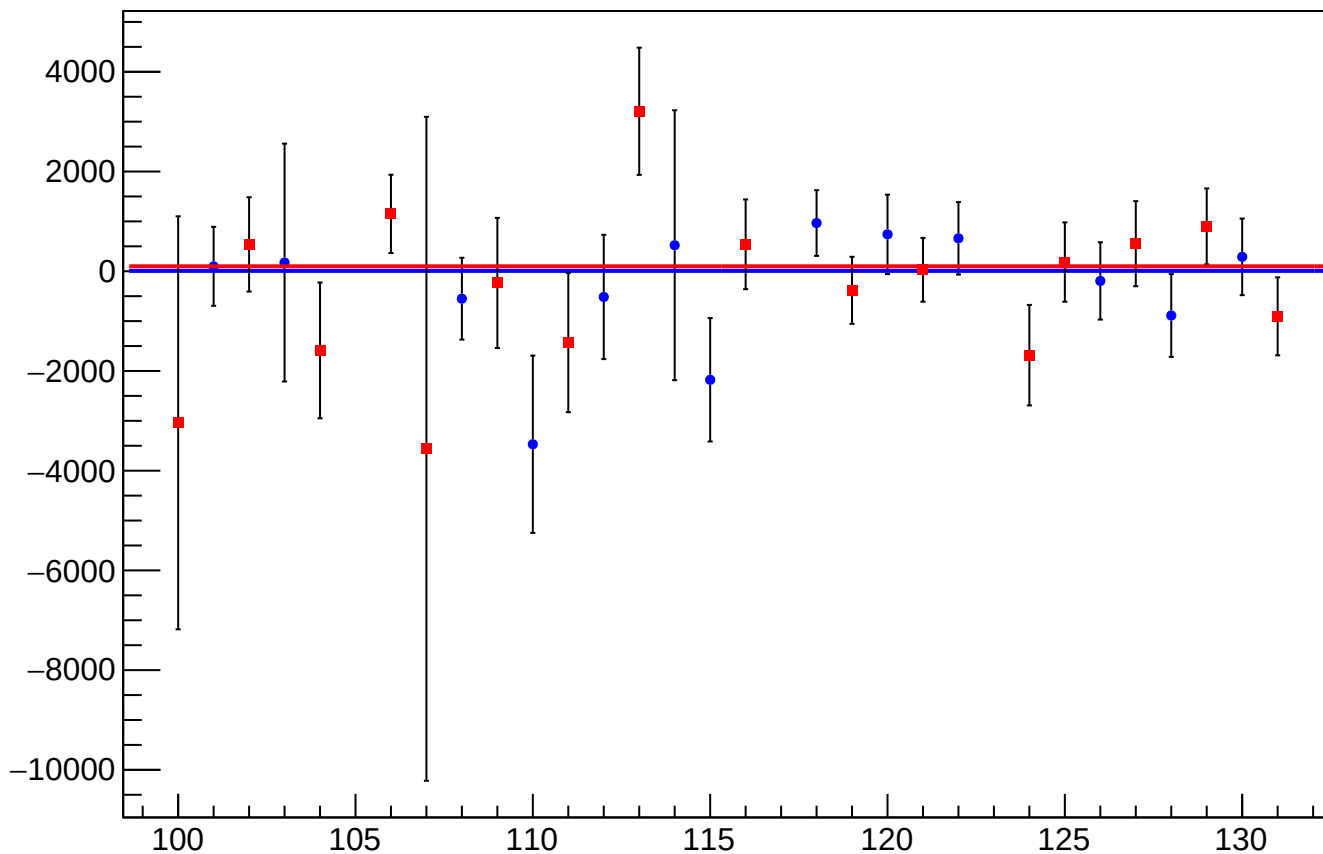
Right Out: 2007.489+/-0.579 χ^2/NDF : 358403.2/15

All: 1998.726+/-0.421 χ^2/NDF : 972098.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_reg_correction_mean vs Slug



Right In: 7.318 $\pm$ 253.286 χ^2 /NDF: 12.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 99.282 $\pm$ 233.998 χ^2 /NDF: 18.6/15

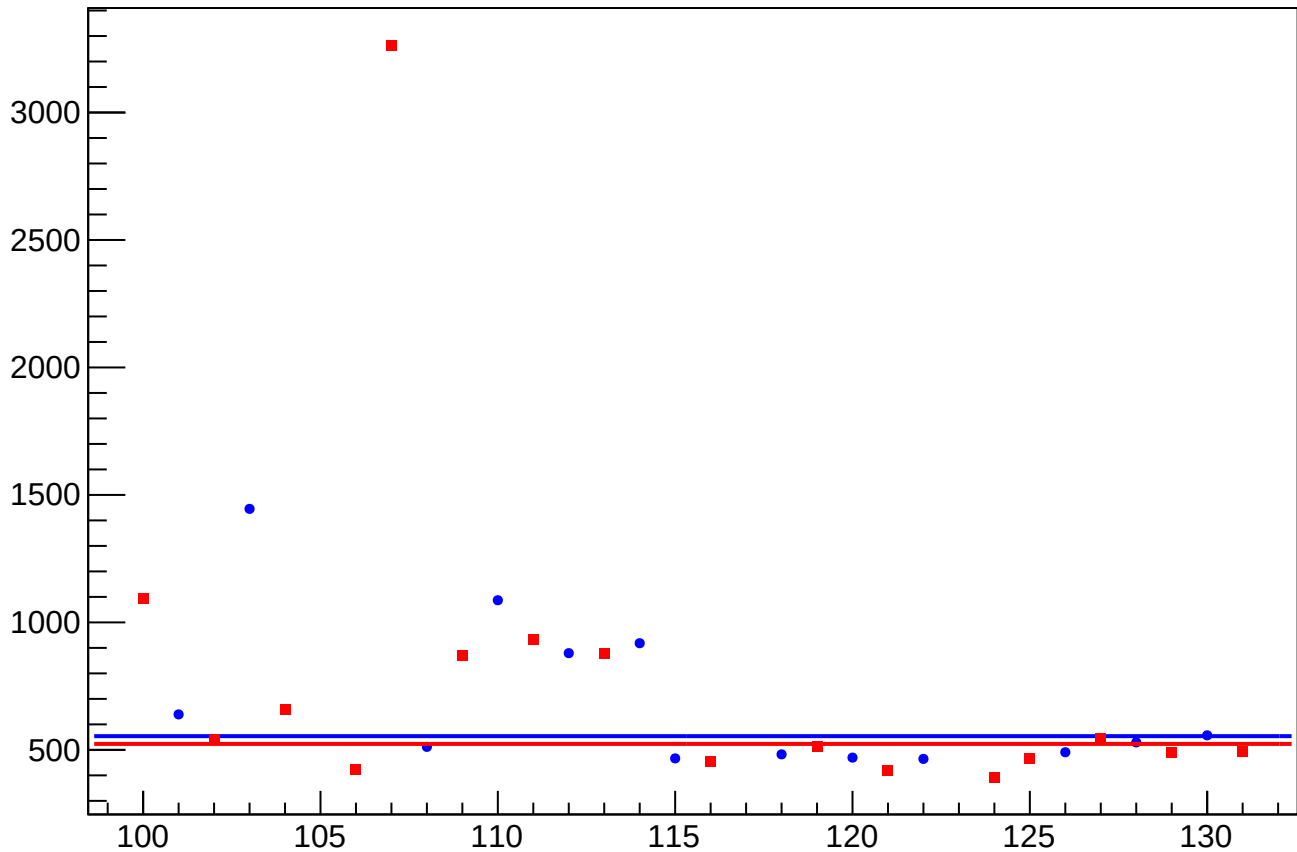
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 56.935 $\pm$ 171.877 χ^2 /NDF: 31.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_reg_correction_rms vs Slug



Right In: 553.839 $\pm$ 0.179 χ^2 /NDF: 761120.4/12

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

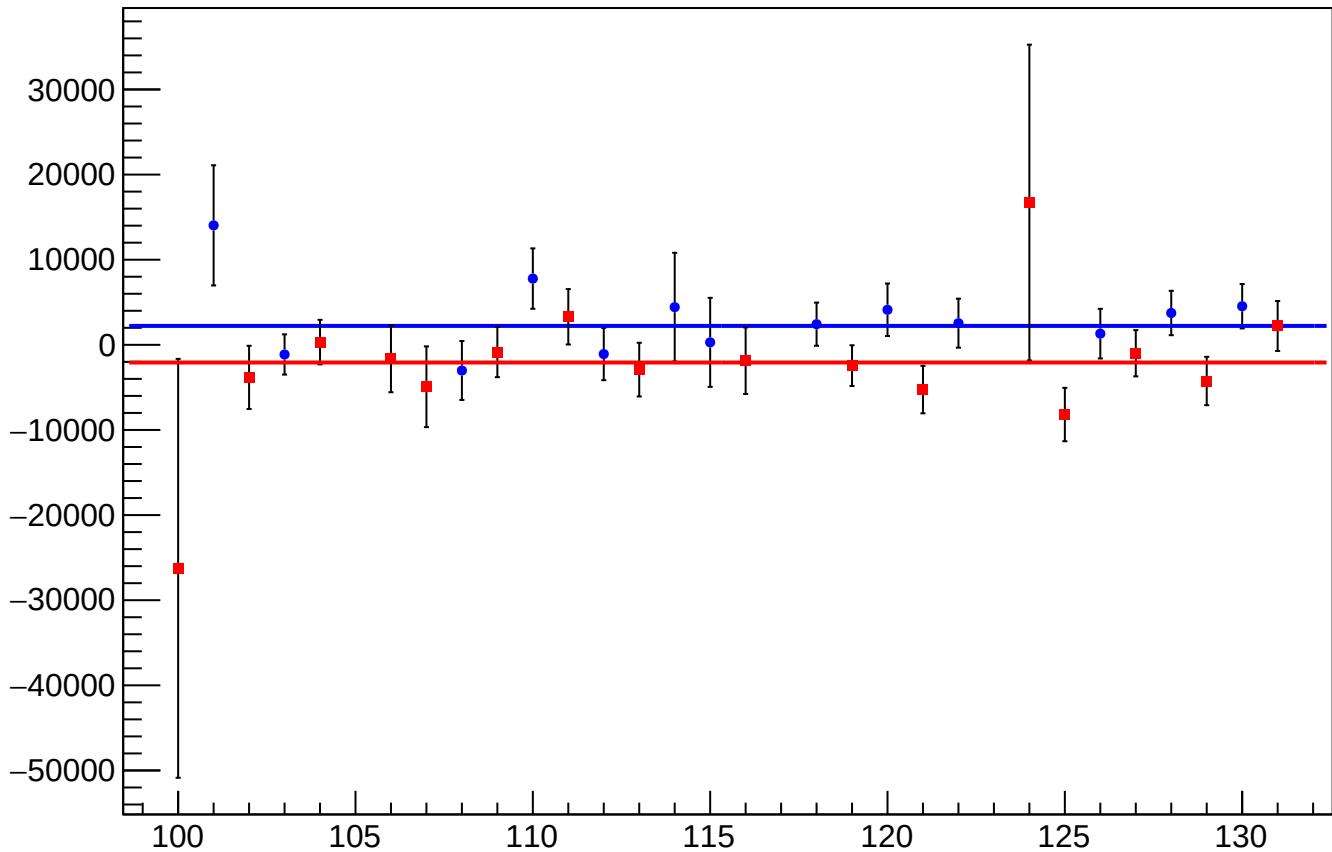
Right Out: 523.349 $\pm$ 0.165 χ^2 /NDF: 1014917.3/15

All: 537.389 $\pm$ 0.122 χ^2 /NDF: 1791673.5/28

- 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_avg_mean vs Slug



Right In: 2224.032 $\pm$ 869.500 χ^2 /NDF: 12.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2076.017 $\pm$ 819.632 χ^2 /NDF: 14.4/15

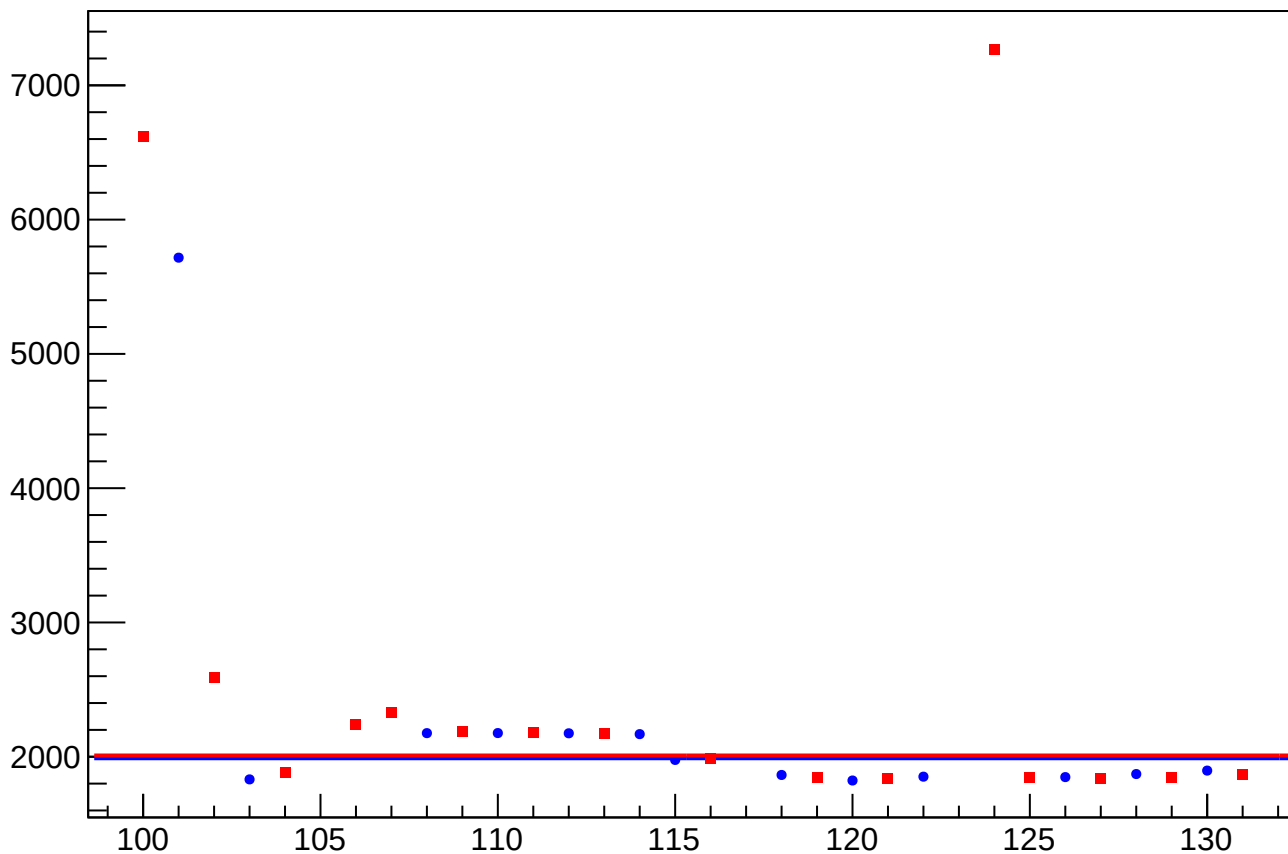
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -52.829 $\pm$ 596.418 χ^2 /NDF: 39.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_at1_avg_rms vs Slug



Right In: 1988.843+/-0.615 χ^2/NDF : 613207.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2009.288+/-0.580 χ^2/NDF : 360930.2/15

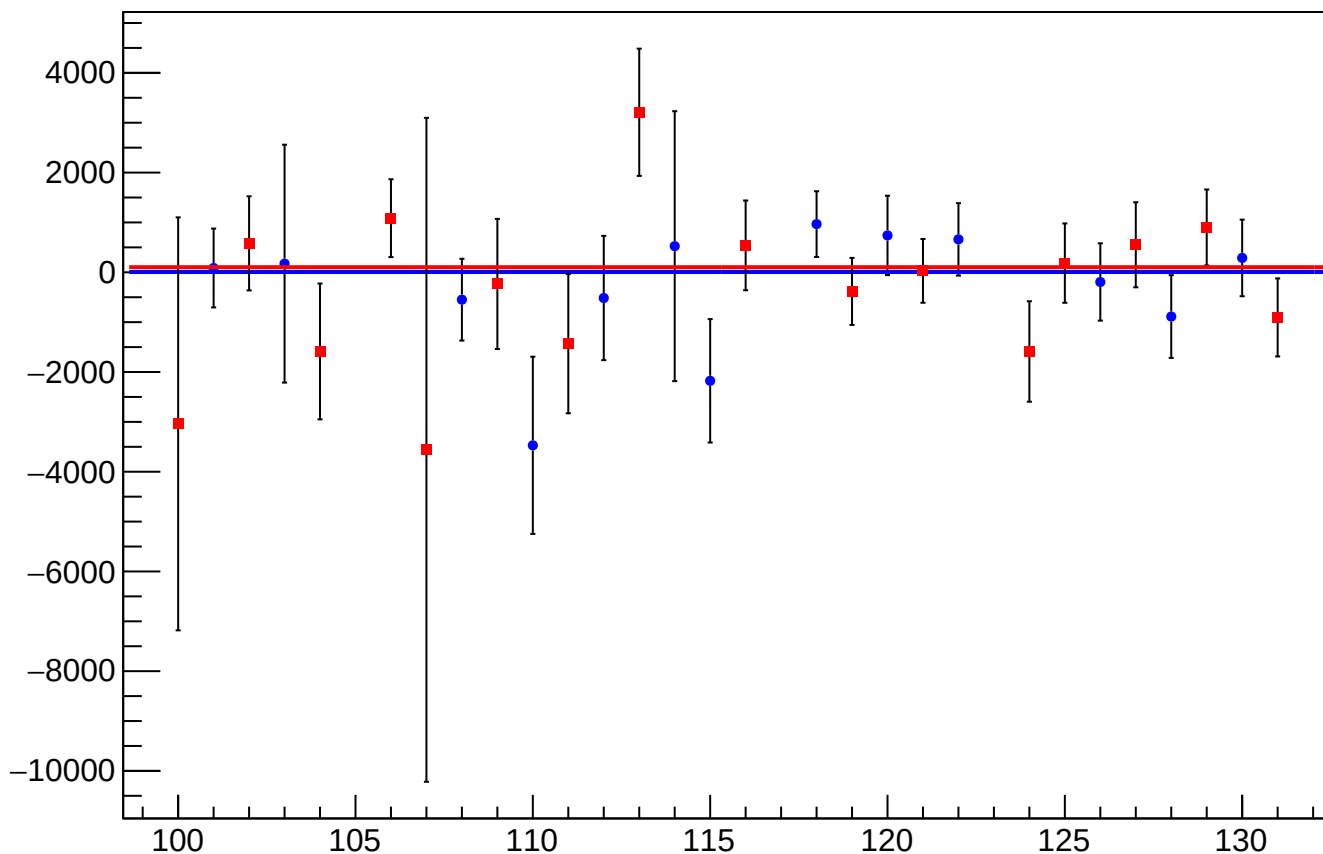
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1999.668+/-0.422 χ^2/NDF : 974723.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_cor_correction_mean vs Slug



Right In: 6.240 $\pm$ 253.223 χ^2 /NDF: 12.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 102.202 $\pm$ 233.838 χ^2 /NDF: 18.1/15

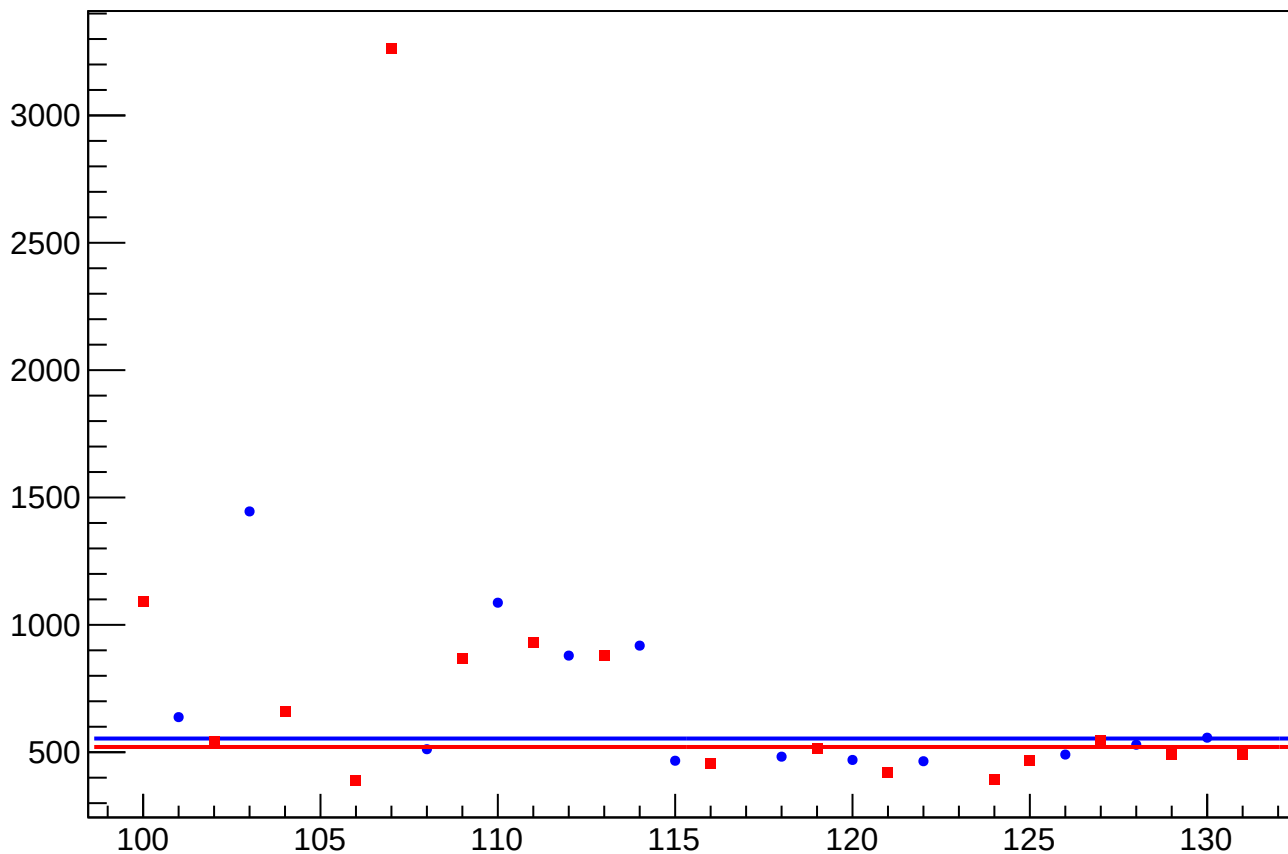
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 58.034 $\pm$ 171.793 χ^2 /NDF: 30.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_cor_correction_rms vs Slug



Right In: 553.742 $\pm$ 0.179 χ^2 /NDF: 760457.0/12

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

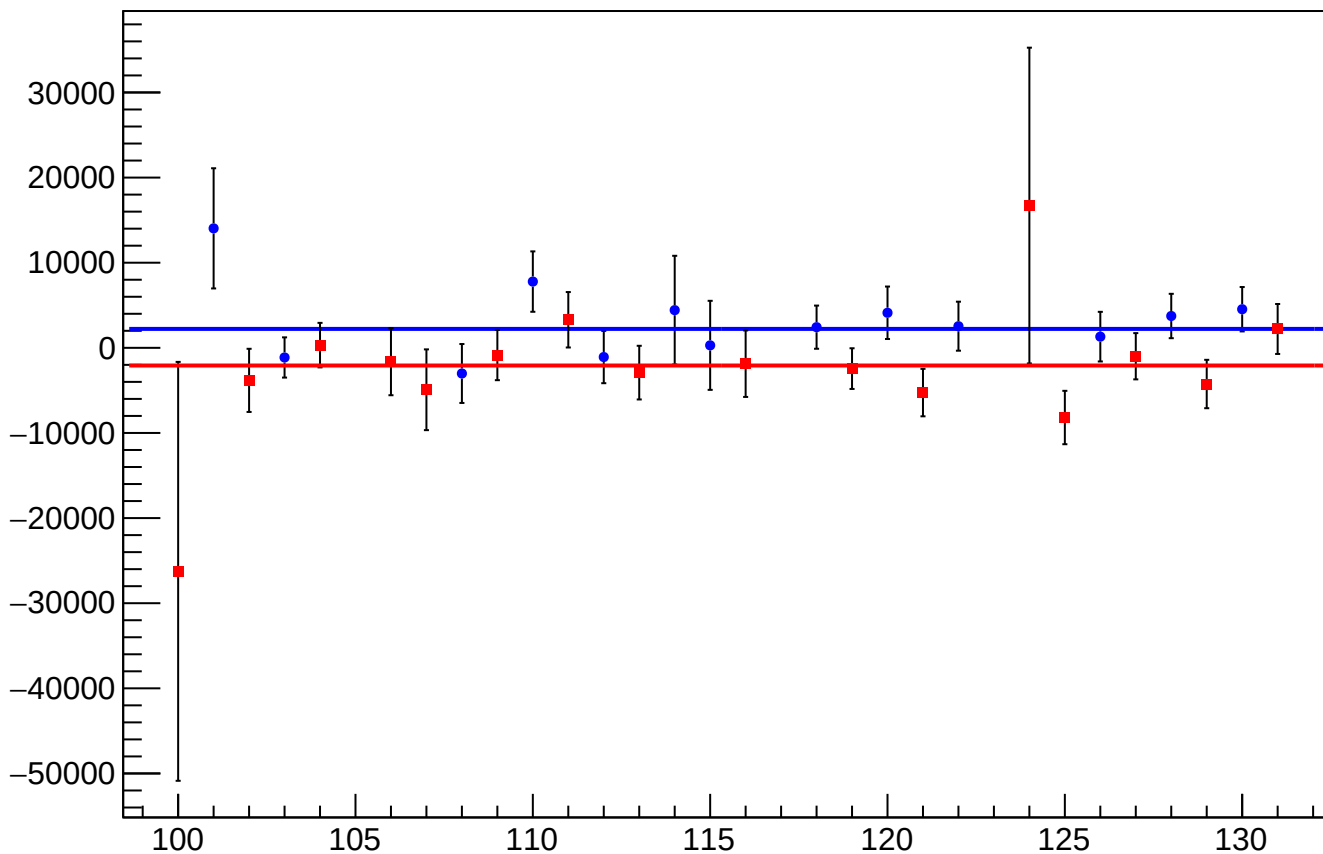
Right Out: 520.501 $\pm$ 0.165 χ^2 /NDF: 1041673.6/15

All: 535.801 $\pm$ 0.121 χ^2 /NDF: 1820733.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_at1_avg_mean vs Slug



Right In: 2224.032 $\pm$ 869.500 χ^2 /NDF: 12.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2076.017 $\pm$ 819.632 χ^2 /NDF: 14.4/15

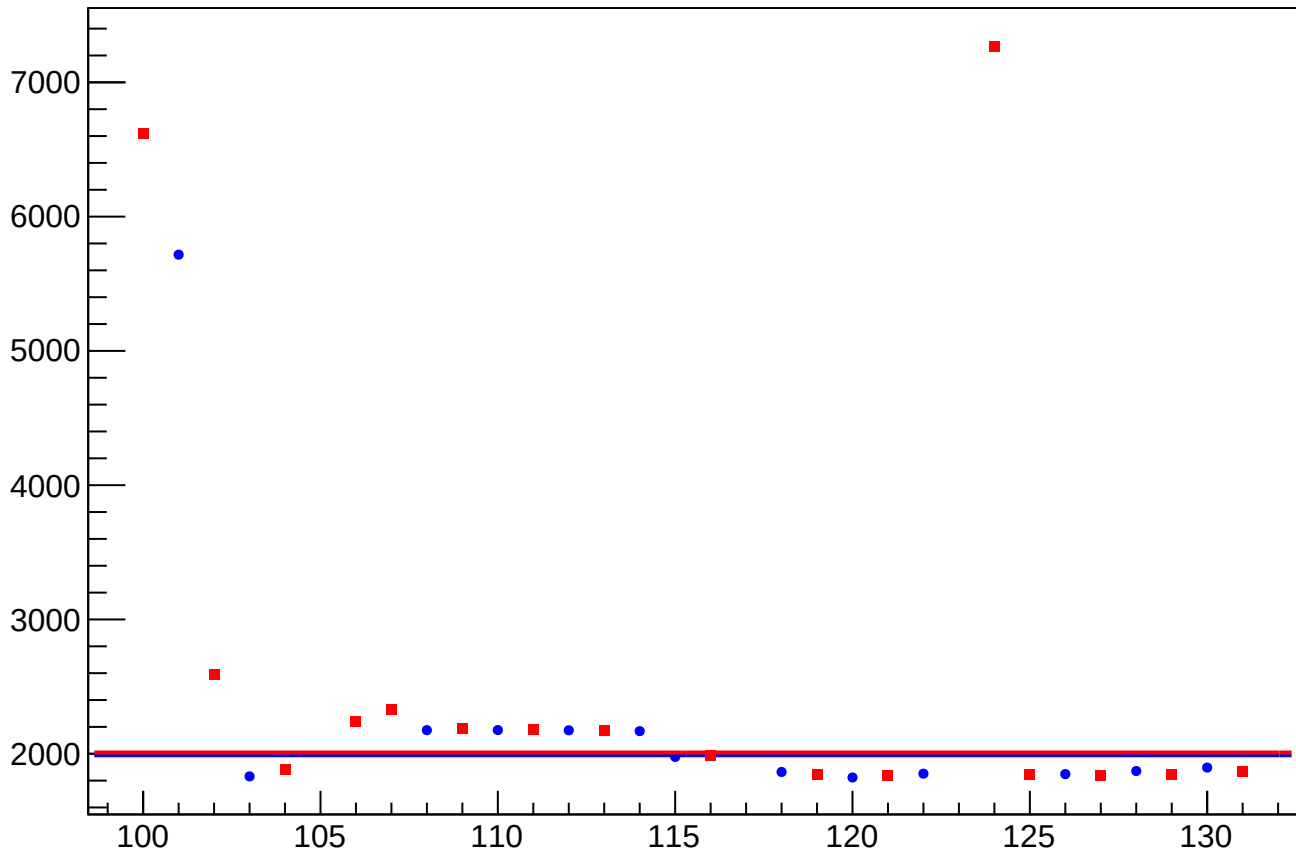
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -52.829 $\pm$ 596.418 χ^2 /NDF: 39.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_at1_avg_rms vs Slug



Right In: 1988.843+/-0.615 χ^2/NDF : 613207.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

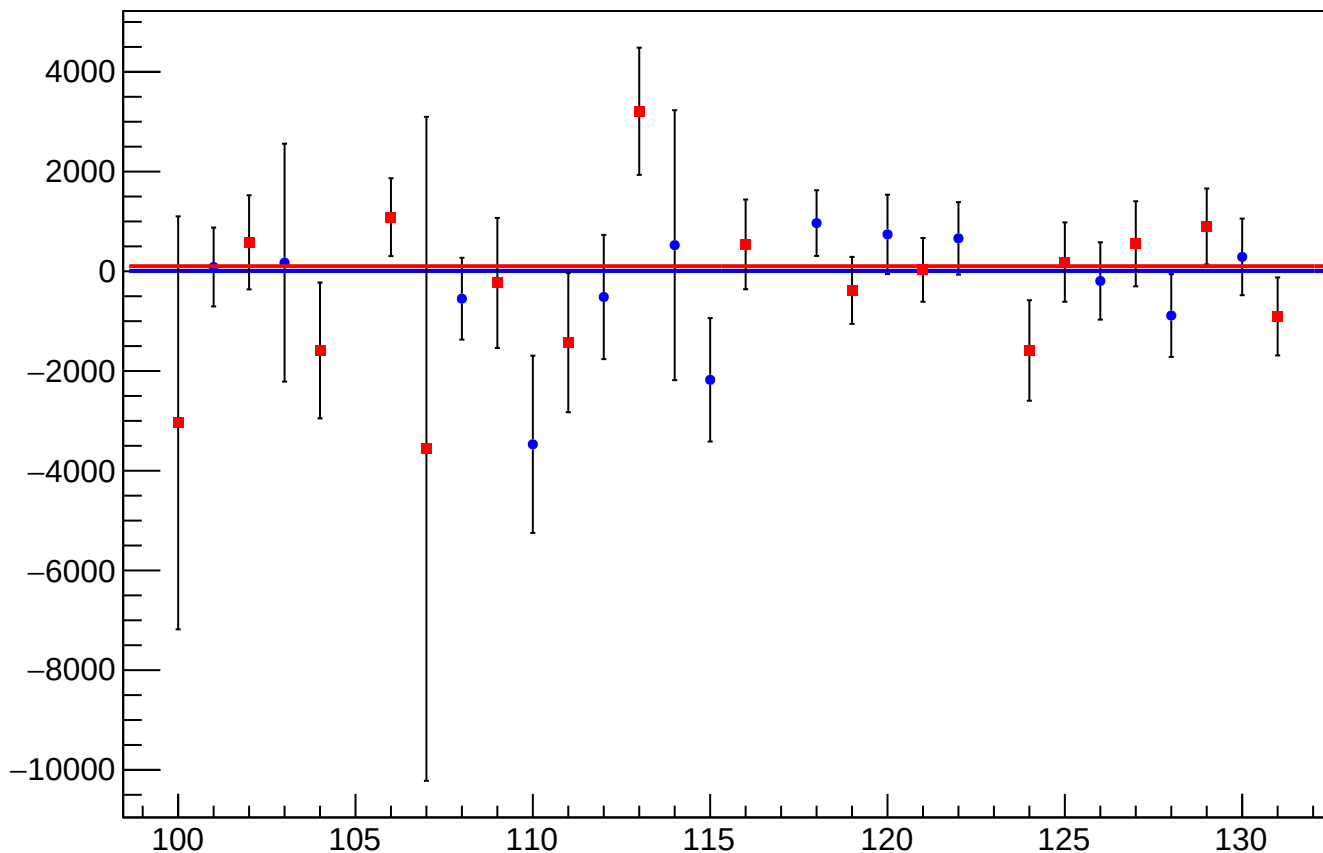
Right Out: 2009.288+/-0.580 χ^2/NDF : 360930.2/15

All: 1999.668+/-0.422 χ^2/NDF : 974723.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_cor_correction_mean vs Slug



Right In: 6.240+/-253.223 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.202+/-233.838 χ^2/NDF : 18.1/15

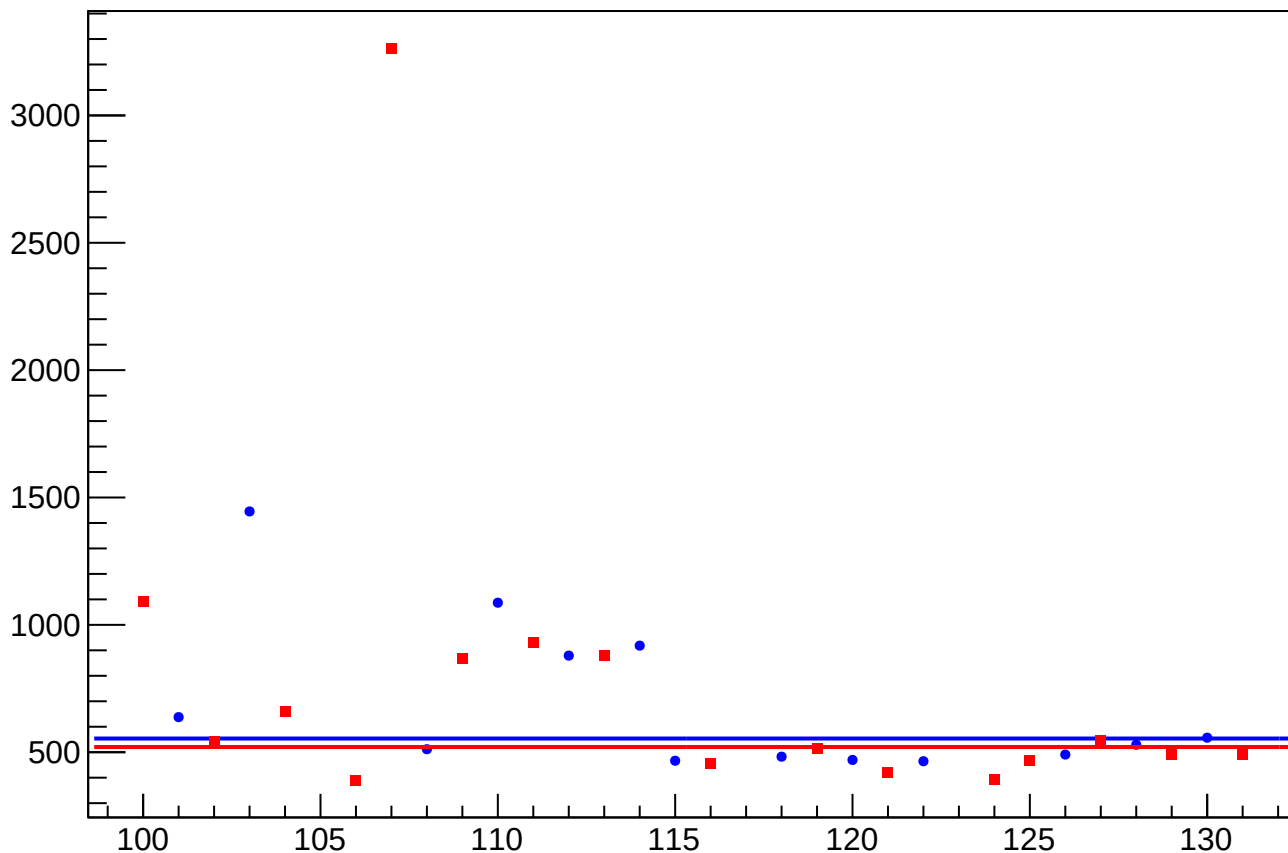
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.034+/-171.793 χ^2/NDF : 30.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_cor_correction_rms vs Slug



Right In: 553.742+/-0.179 χ^2/NDF : 760457.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 520.501+/-0.165 χ^2/NDF : 1041673.6/15

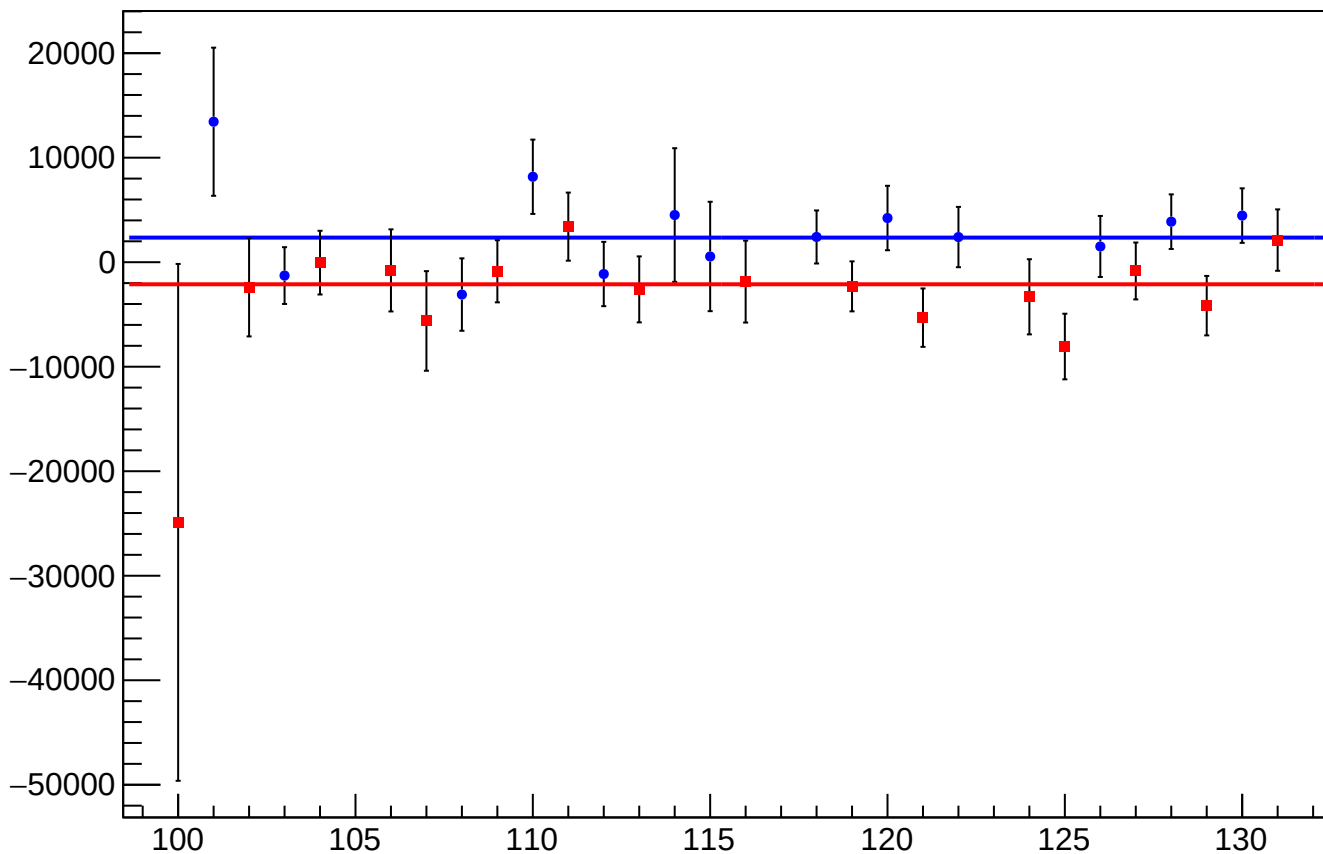
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 535.801+/-0.121 χ^2/NDF : 1820733.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at1_avg_mean vs Slug



Right In: 2353.403+/-885.411 χ^2 /NDF: 12.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -2112.504+/-818.600 χ^2 /NDF: 12.9/15

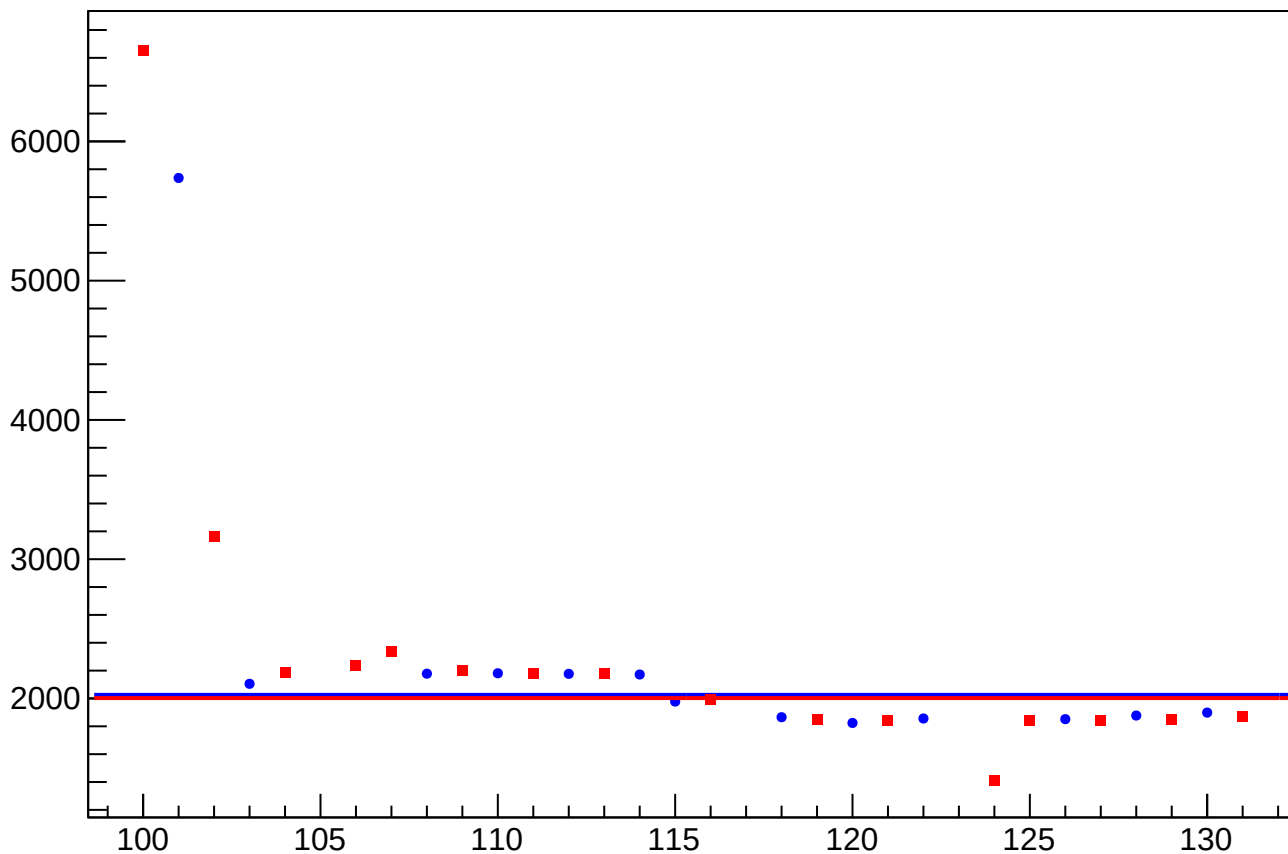
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -54.382+/-601.071 χ^2 /NDF: 38.9/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_asym_at1_avg_rms vs Slug



Right In: 2025.836 $\pm$ 0.626 χ^2 /NDF: 605929.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2002.734 $\pm$ 0.579 χ^2 /NDF: 328542.3/15

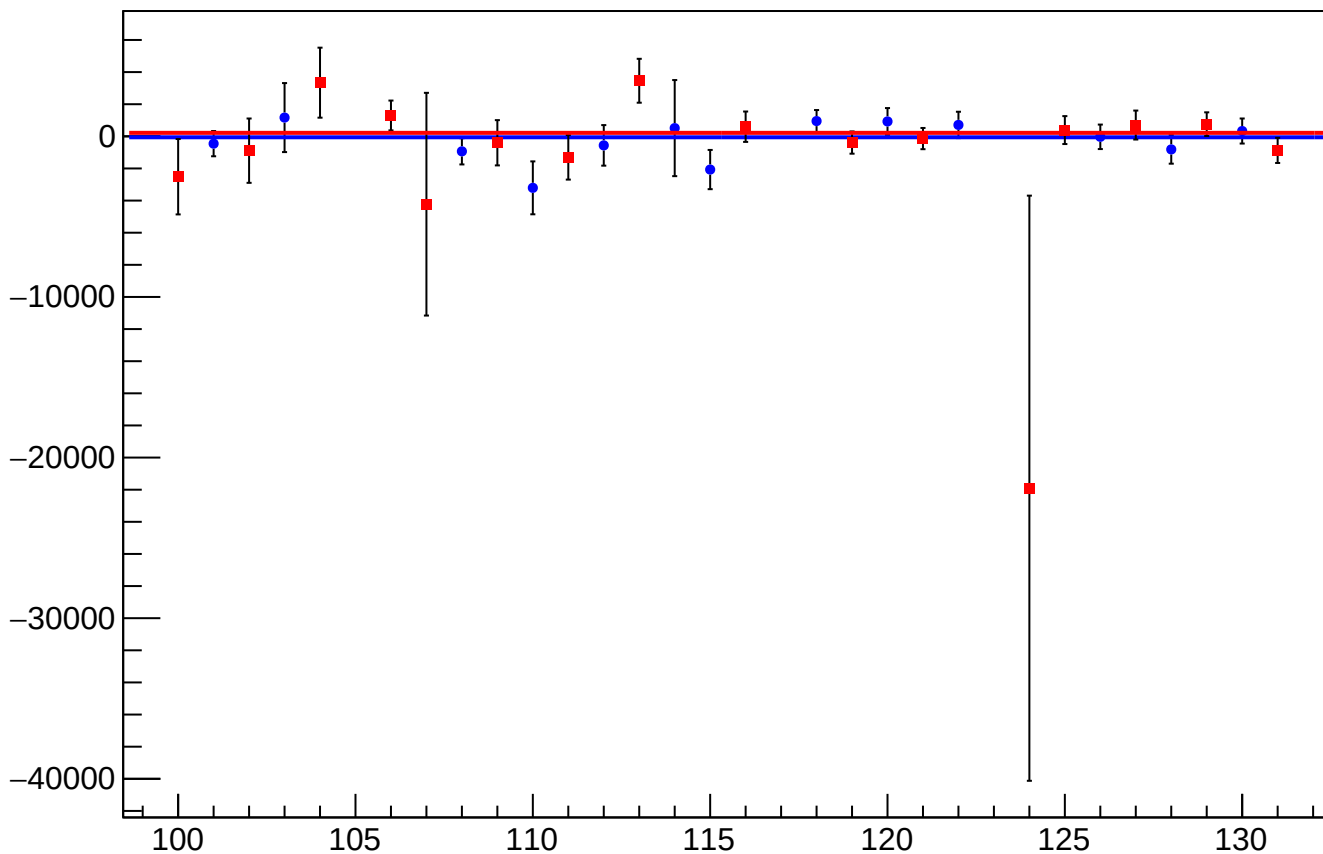
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2013.381 $\pm$ 0.425 χ^2 /NDF: 935206.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_dit_correction_mean vs Slug



Right In: -58.928 $\pm$ 259.892 χ^2 /NDF: 13.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 217.225 $\pm$ 259.049 χ^2 /NDF: 18.0/15

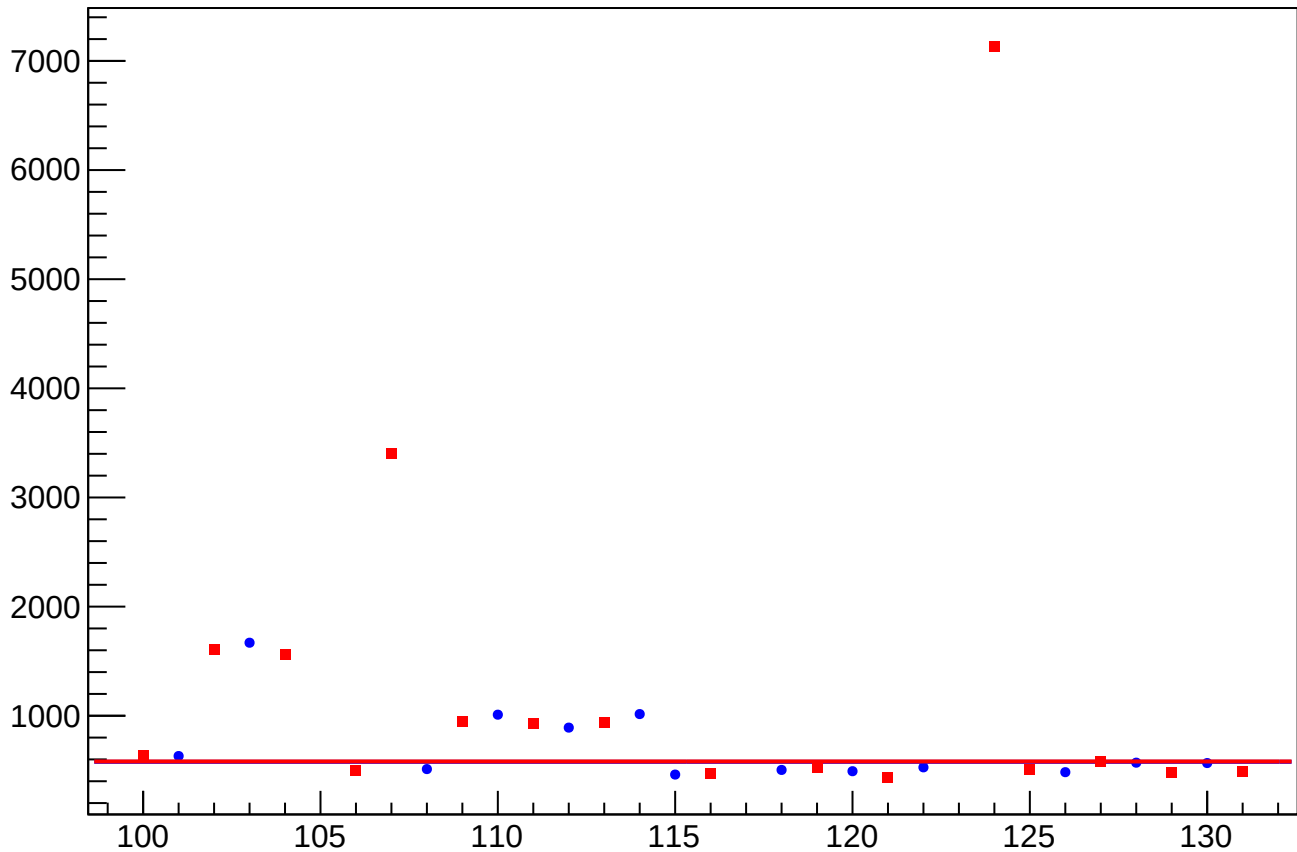
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 79.597 $\pm$ 183.473 χ^2 /NDF: 32.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_dit_correction_rms vs Slug



Right In: 577.942+/-0.184 χ^2/NDF : 944283.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 581.343+/-0.183 χ^2/NDF : 2154765.2/15

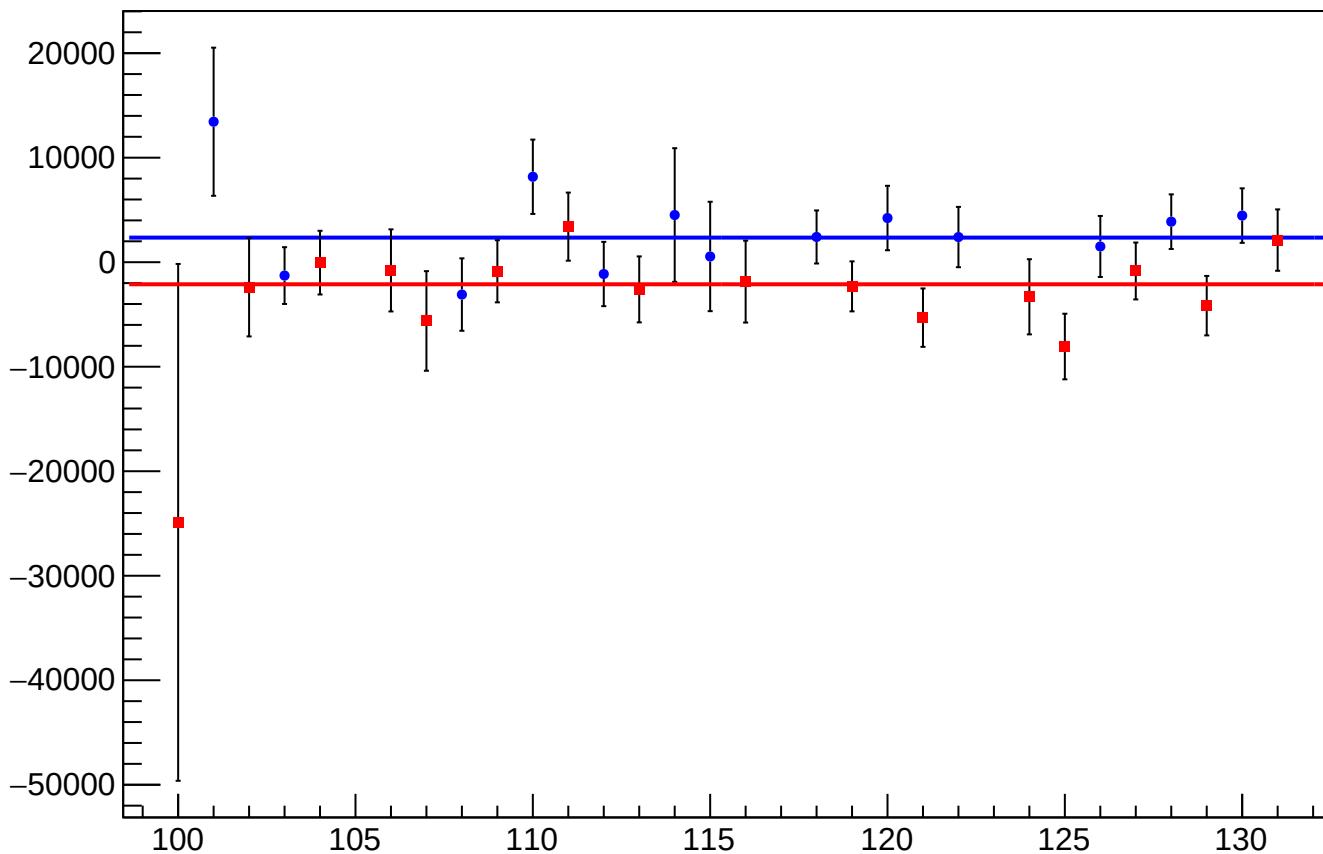
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 579.648+/-0.130 χ^2/NDF : 3099220.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_avg_mean vs Slug



Right In: 2353.401 $\pm$ 885.411 χ^2 /NDF: 12.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2112.502 $\pm$ 818.600 χ^2 /NDF: 12.9/15

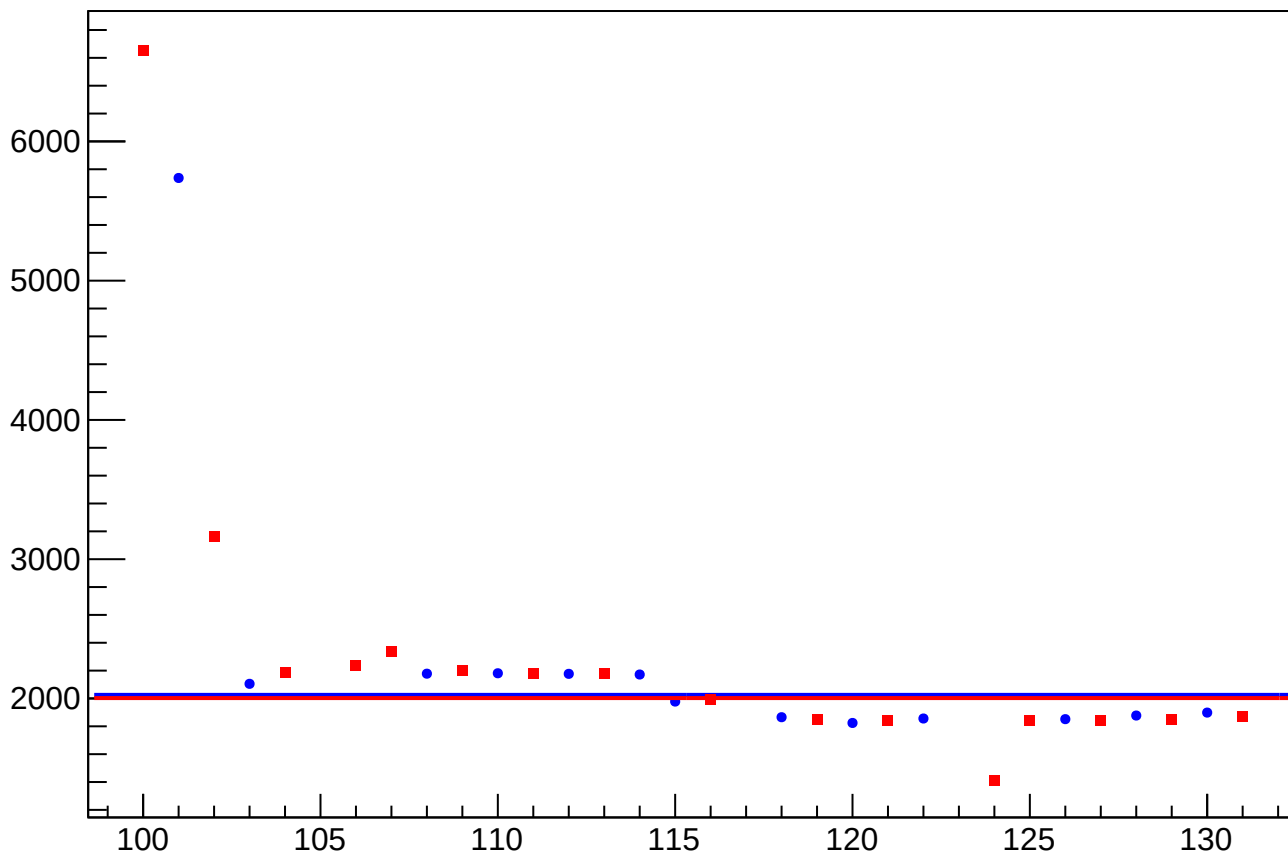
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -54.382 $\pm$ 601.071 χ^2 /NDF: 38.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at1_avg_rms vs Slug



Right In: 2025.836 $\pm$ 0.626 χ^2 /NDF: 605929.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2002.734 $\pm$ 0.579 χ^2 /NDF: 328541.1/15

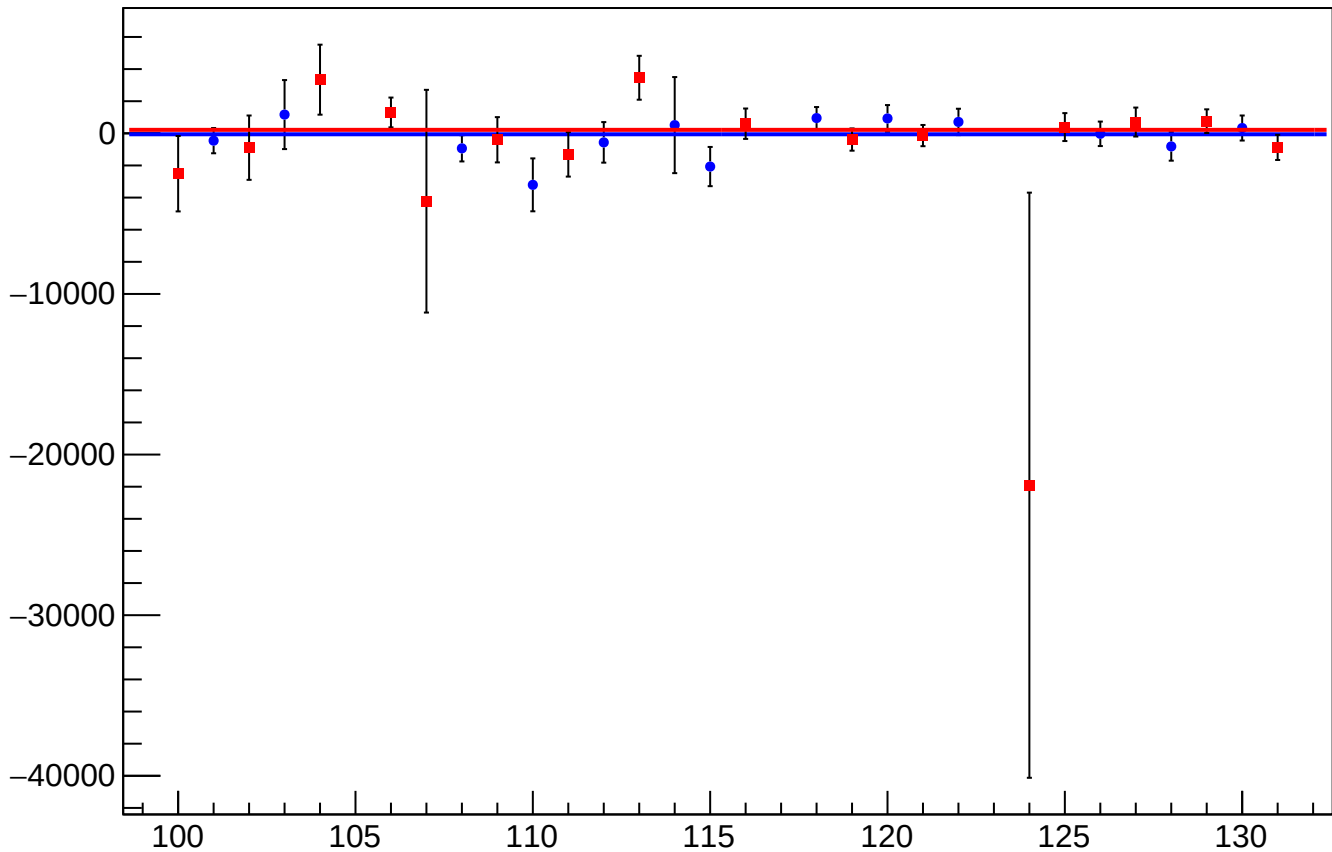
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2013.380 $\pm$ 0.425 χ^2 /NDF: 935204.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_eigen_dit_correction_mean vs Slug



Right In: -58.928 $\pm$ 259.892 χ^2 /NDF: 13.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 217.224 $\pm$ 259.049 χ^2 /NDF: 18.0/15

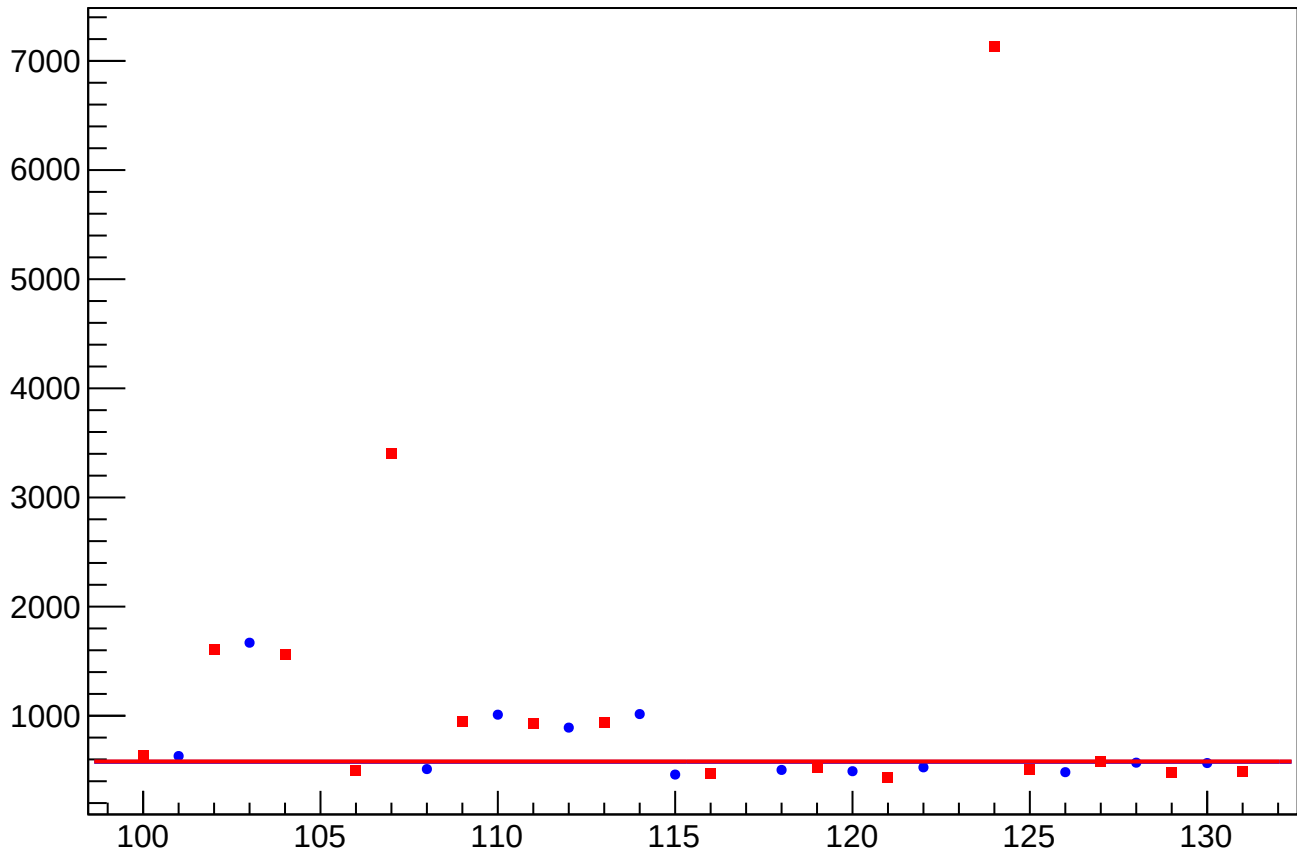
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 79.597 $\pm$ 183.473 χ^2 /NDF: 32.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_eigen_dit_correction_rms vs Slug



Right In: 577.941+/-0.184 χ^2/NDF : 944287.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 581.342+/-0.183 χ^2/NDF : 2154770.5/15

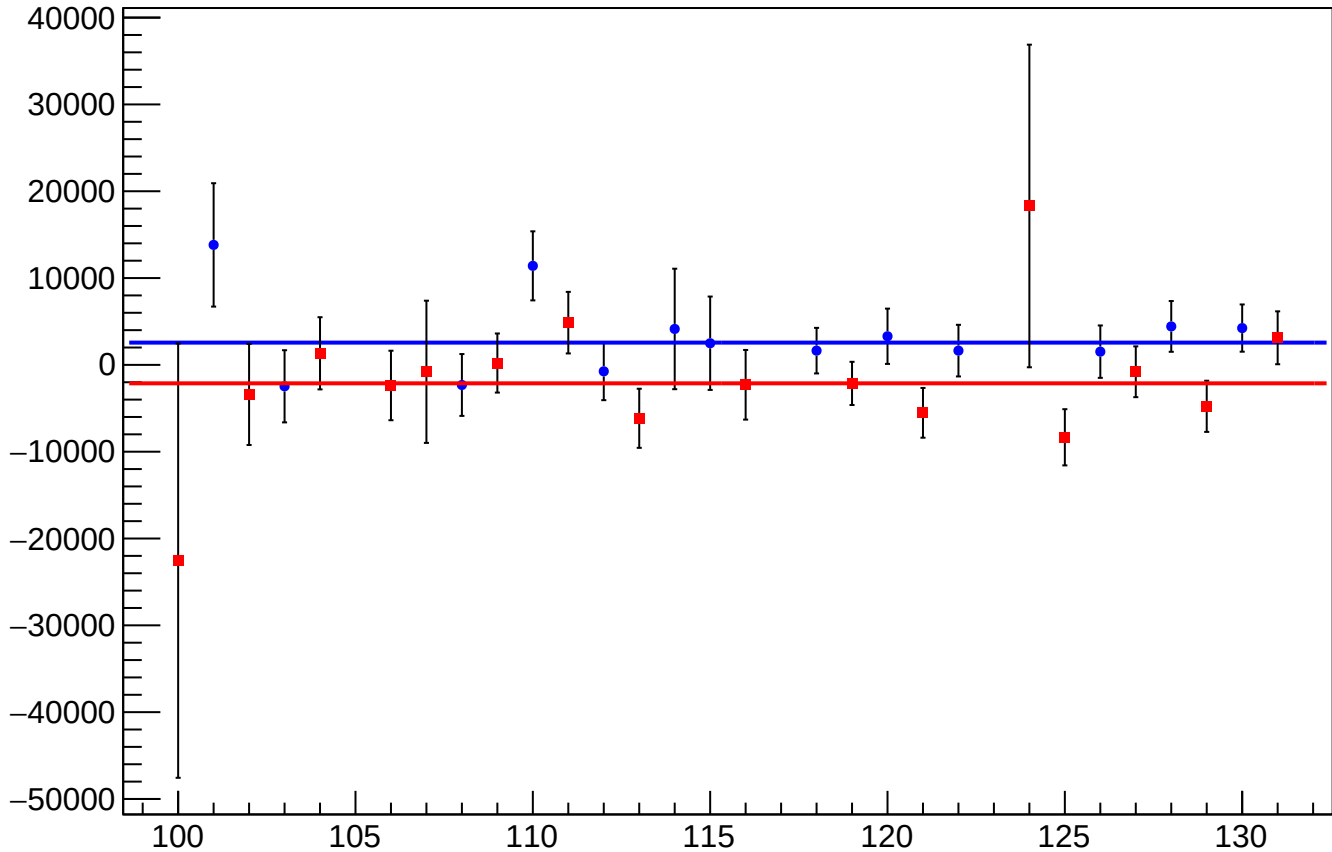
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 579.647+/-0.130 χ^2/NDF : 3099229.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_mean vs Slug



Right In: 2565.082 $\pm$ 960.196 χ^2 /NDF: 13.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2124.428 $\pm$ 912.149 χ^2 /NDF: 17.5/15

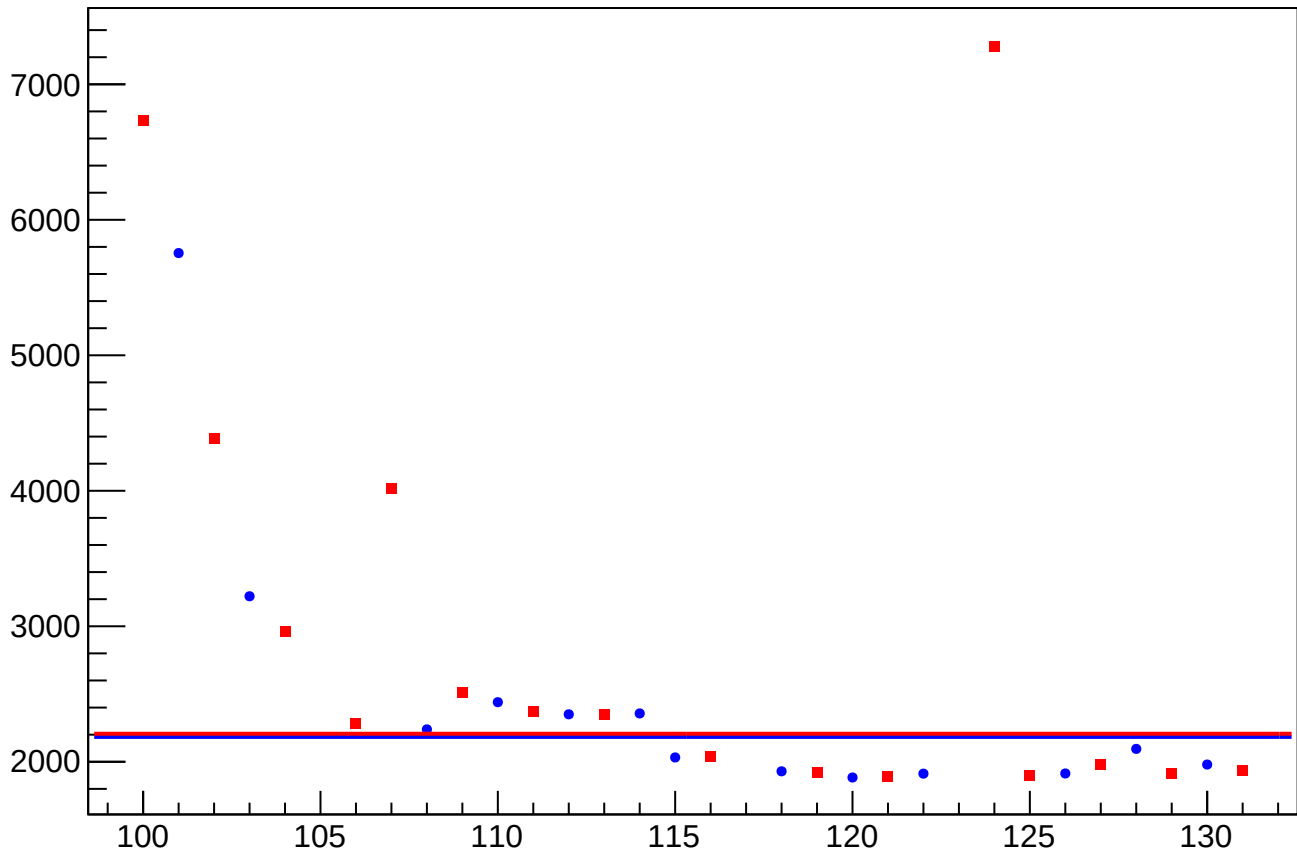
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.068 $\pm$ 661.320 χ^2 /NDF: 43.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_rms vs Slug



Right In: 2183.758 $\pm$ 0.679 χ^2 /NDF: 728532.7/12

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

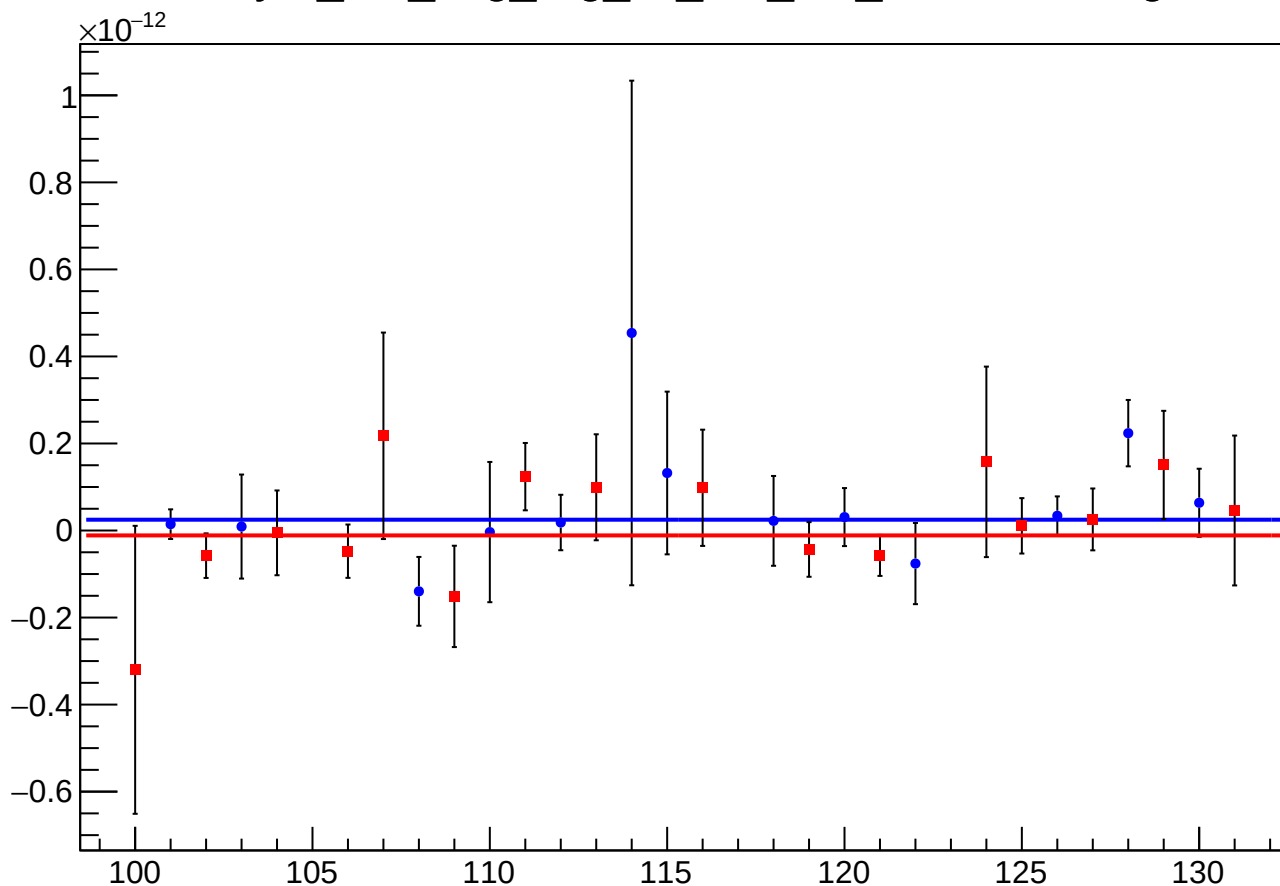
Right Out: 2206.831 $\pm$ 0.645 χ^2 /NDF: 802225.9/15

All: 2195.886 $\pm$ 0.468 χ^2 /NDF: 1531365.7/28

- 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_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.0/15

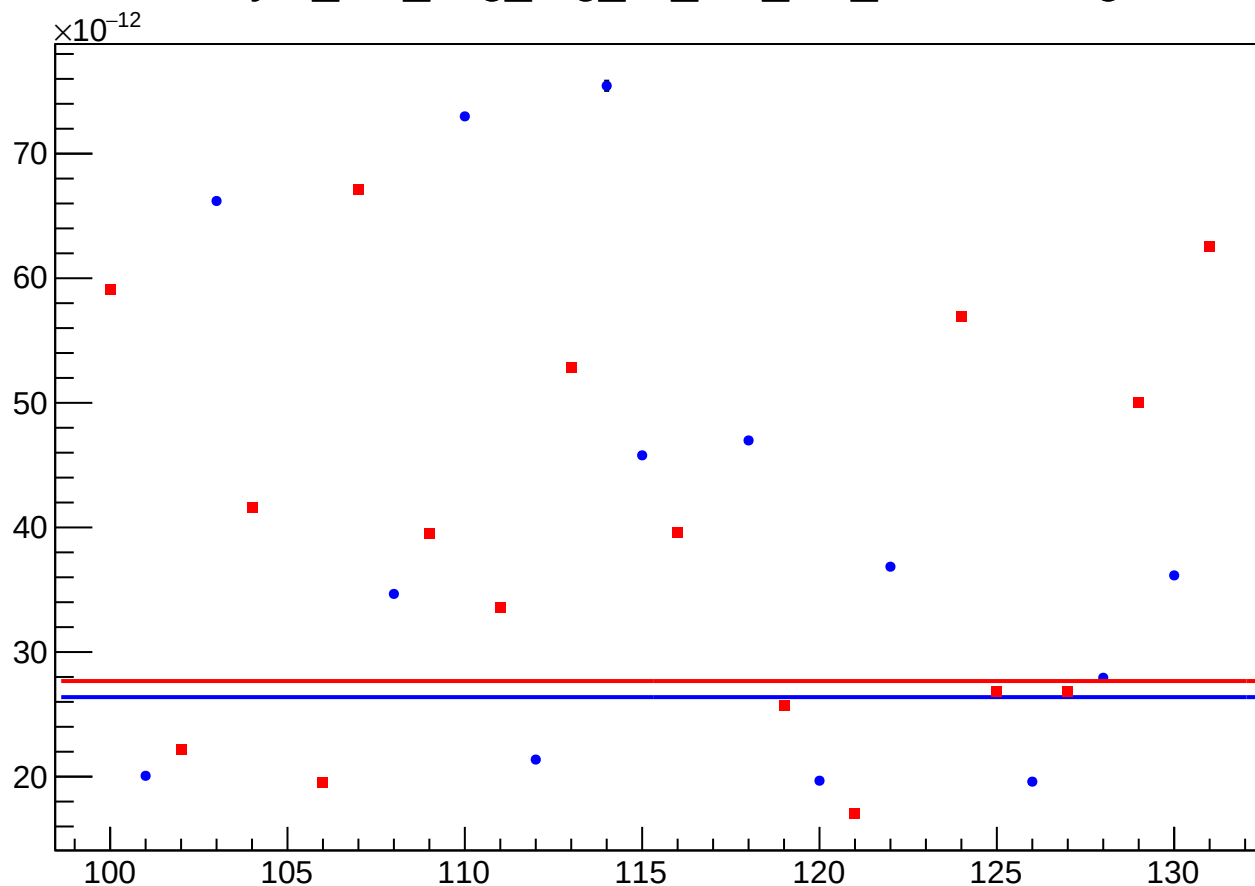
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 28.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 731772.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 593698.5/15

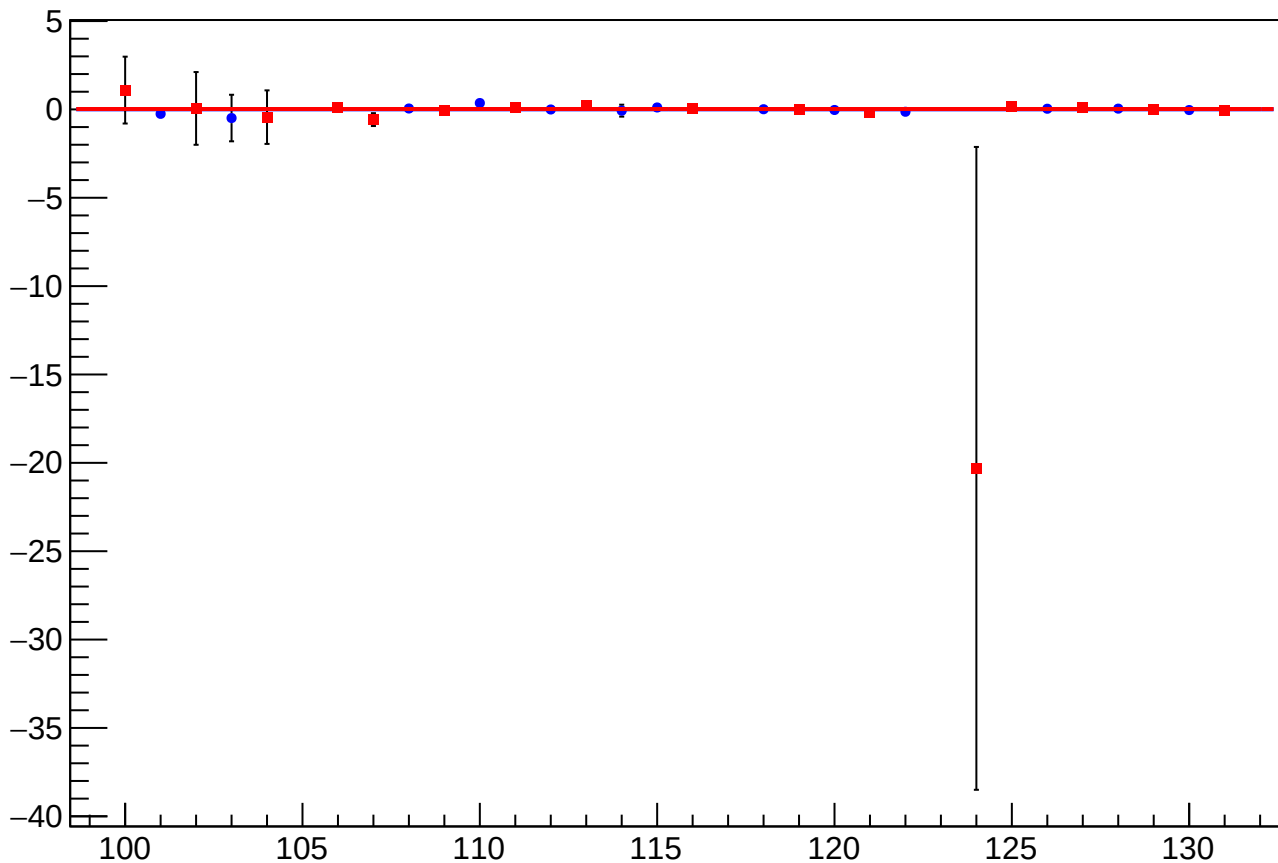
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1329706.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.004 $\pm$ 0.029 χ^2 /NDF: 11.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.023 $\pm$ 0.027 χ^2 /NDF: 14.8/15

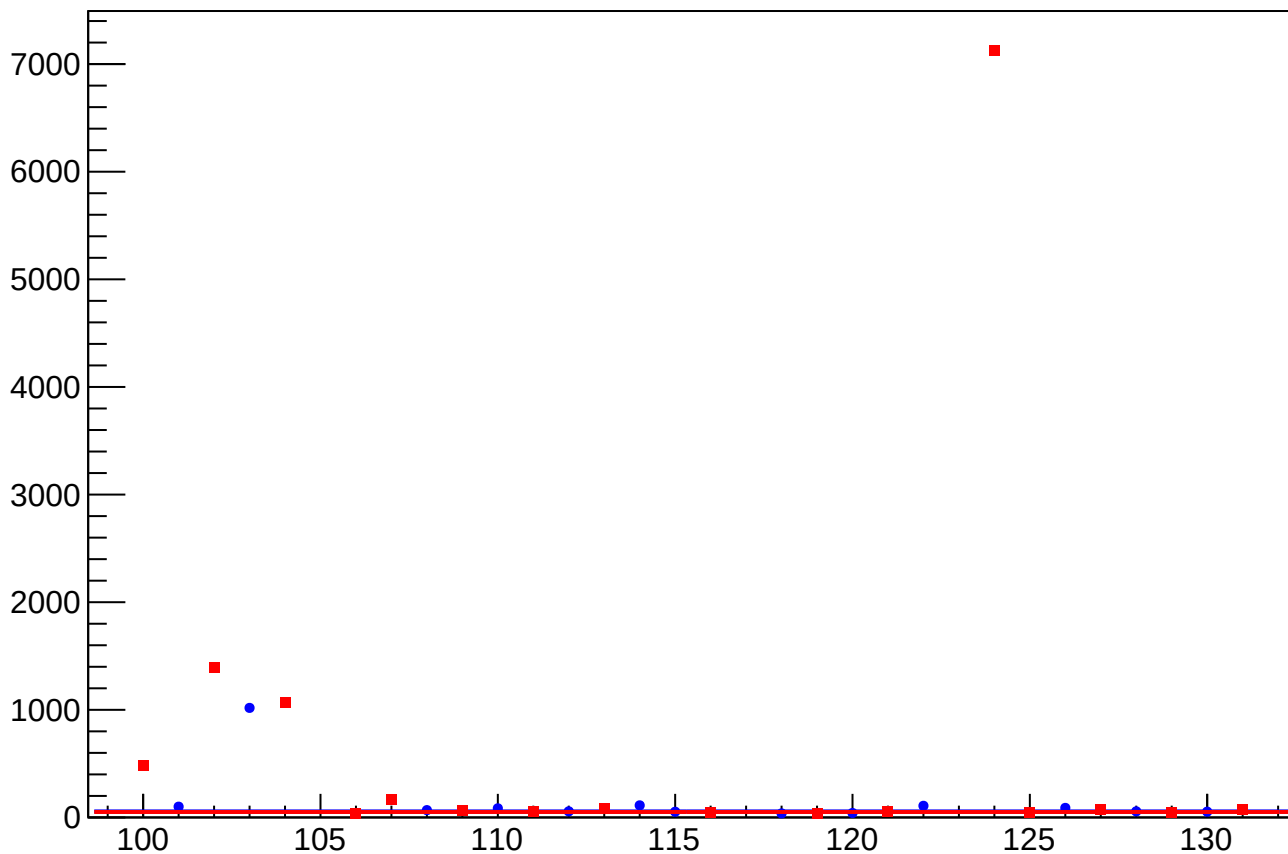
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.020 χ^2 /NDF: 26.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_dit_vs_cor_diff_rms vs Slug



Right In: 56.037+/-0.021 χ^2/NDF : 1974228.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.915+/-0.019 χ^2/NDF : 2886667.3/15

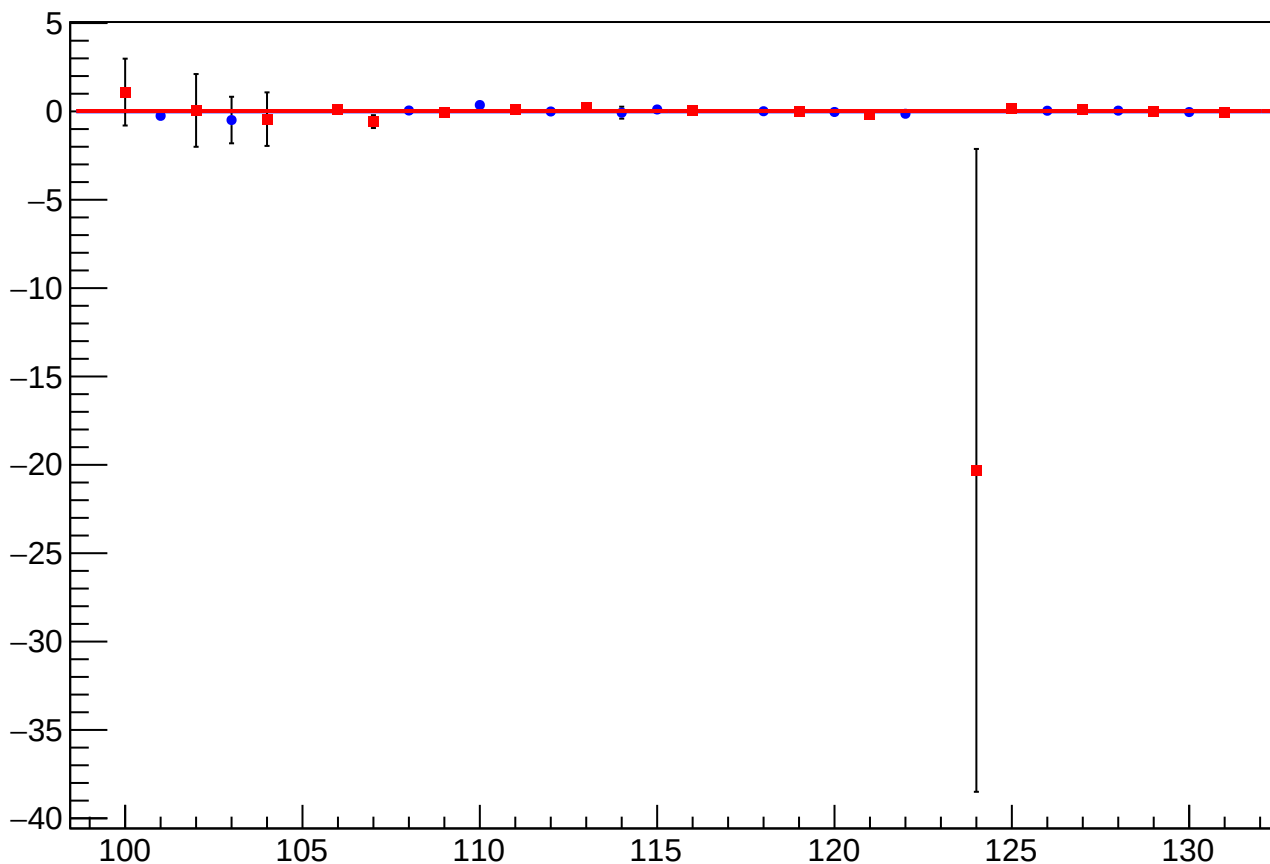
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.251+/-0.014 χ^2/NDF : 4894573.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.004 $\pm$ 0.029 χ^2 /NDF: 11.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.023 $\pm$ 0.027 χ^2 /NDF: 14.8/15

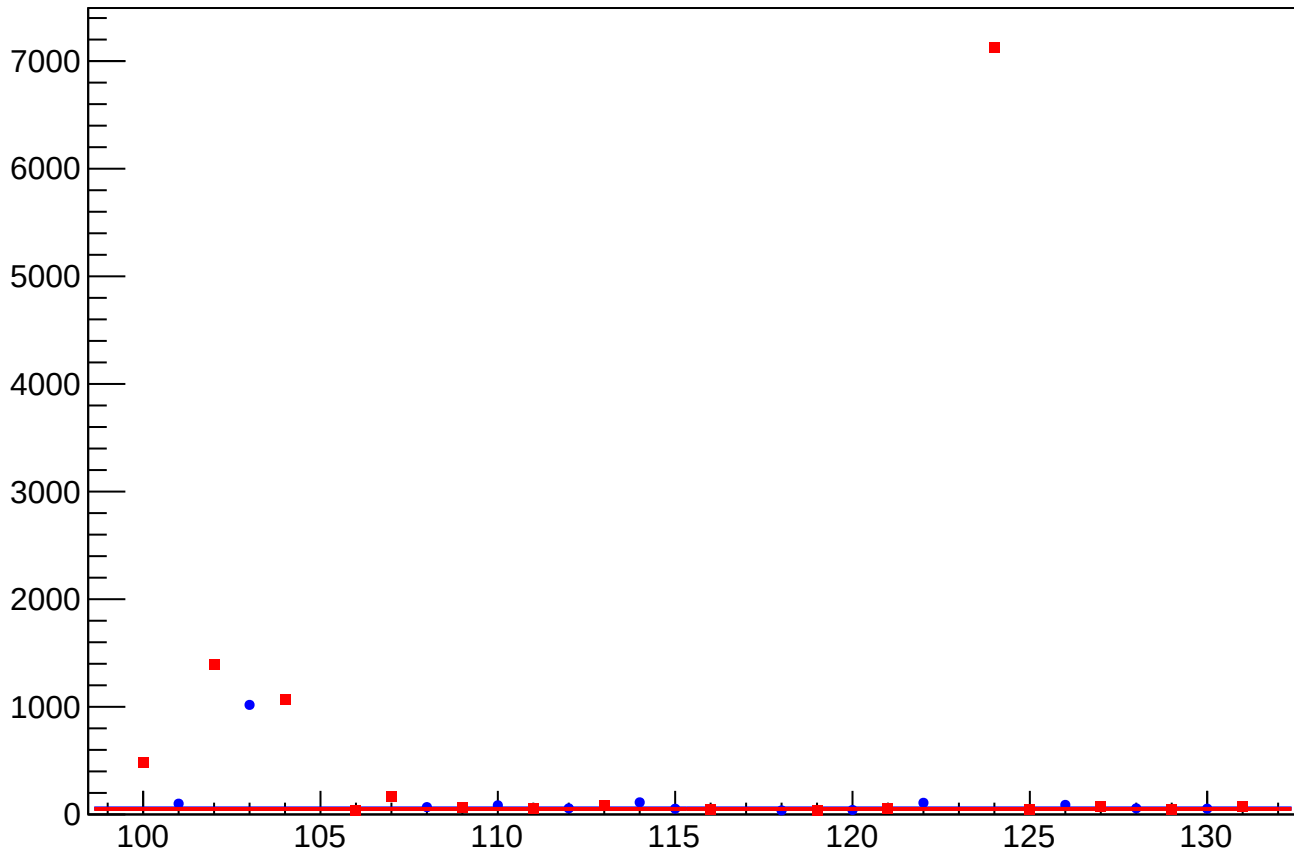
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.020 χ^2 /NDF: 26.1/28

- 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: 56.037 $\pm$ 0.021 χ^2/NDF : 1974228.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 50.915 $\pm$ 0.019 χ^2/NDF : 2886667.3/15

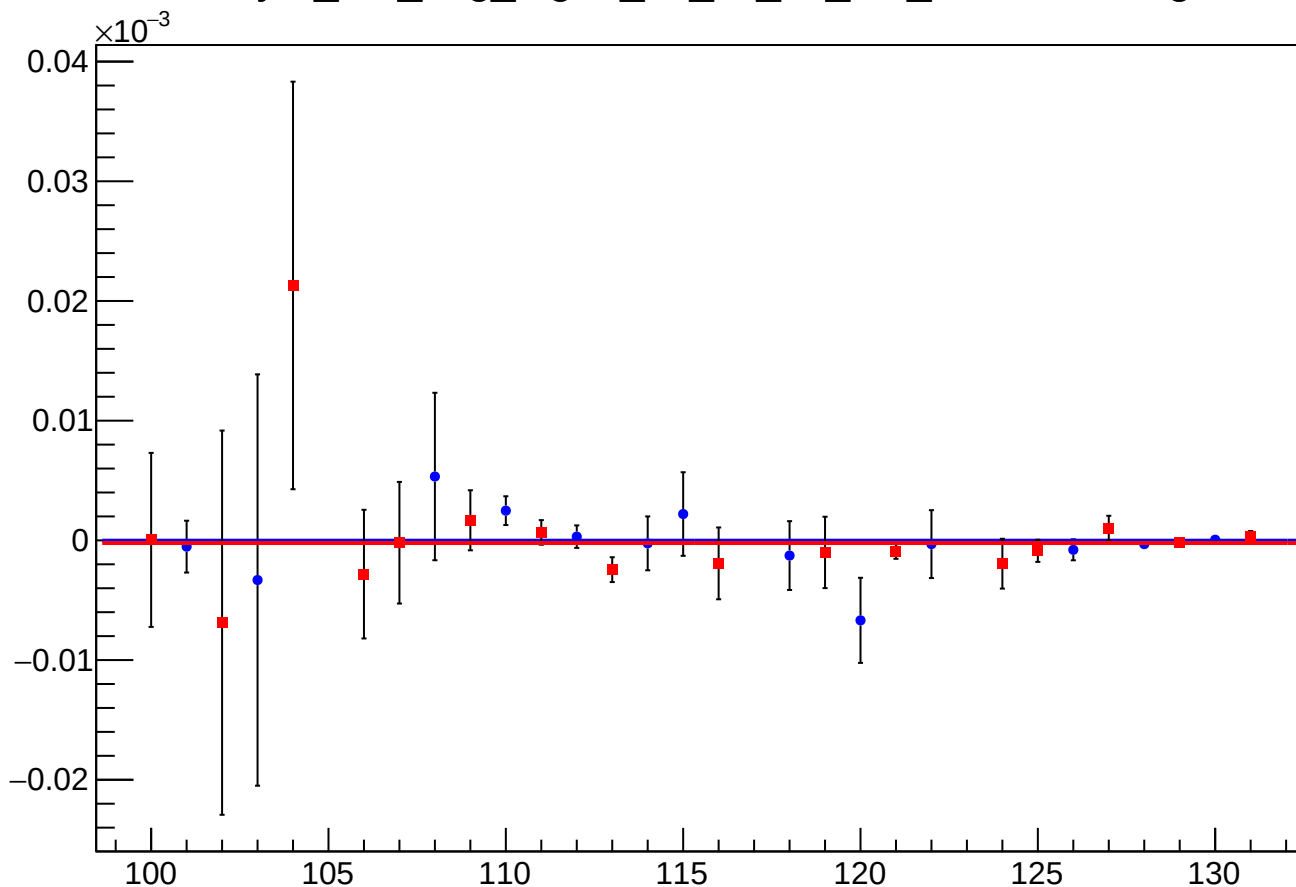
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 53.251 $\pm$ 0.014 χ^2/NDF : 4894573.3/28

- sign 0.000 $\pm$ 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 : 10.7/12

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

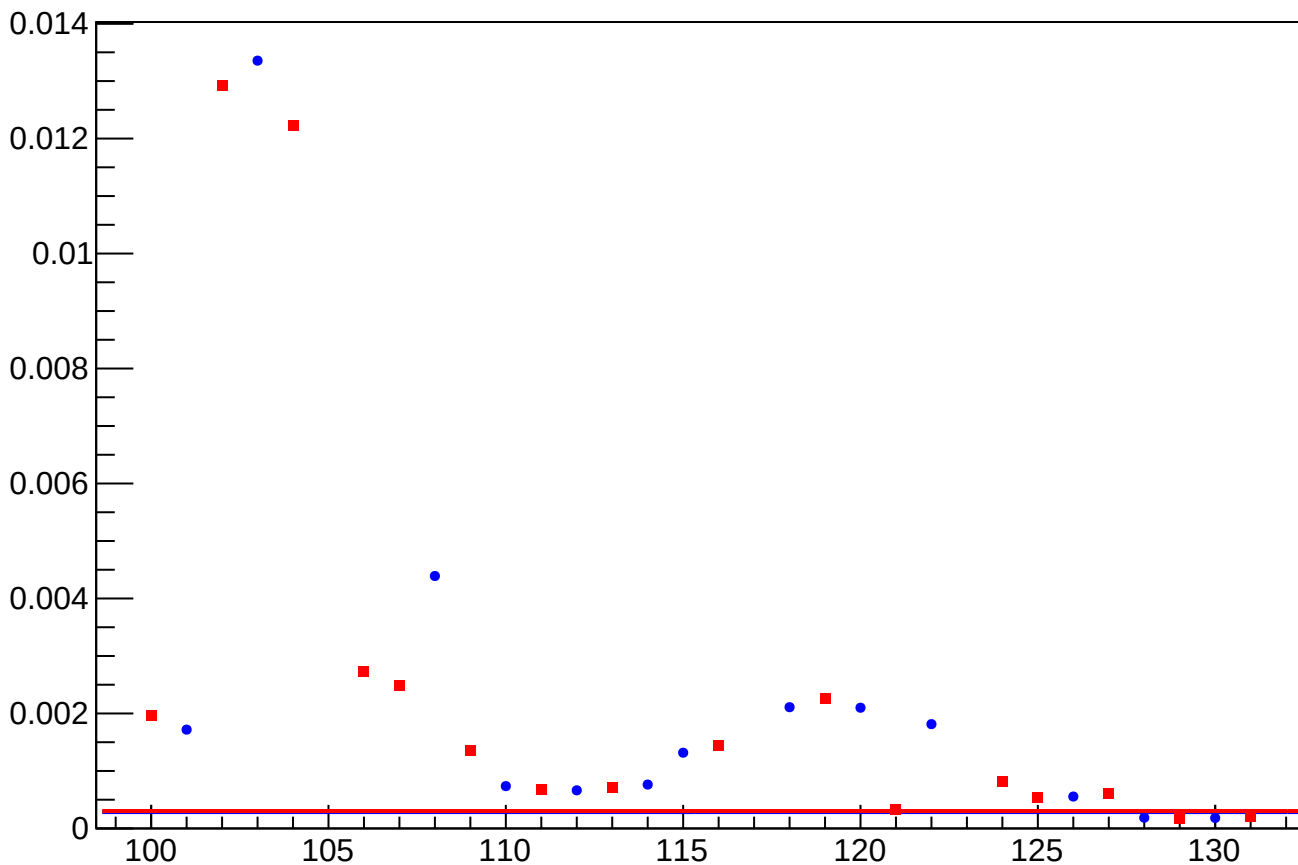
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 25.2/28

- 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 : 6150345.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6183188.2/15

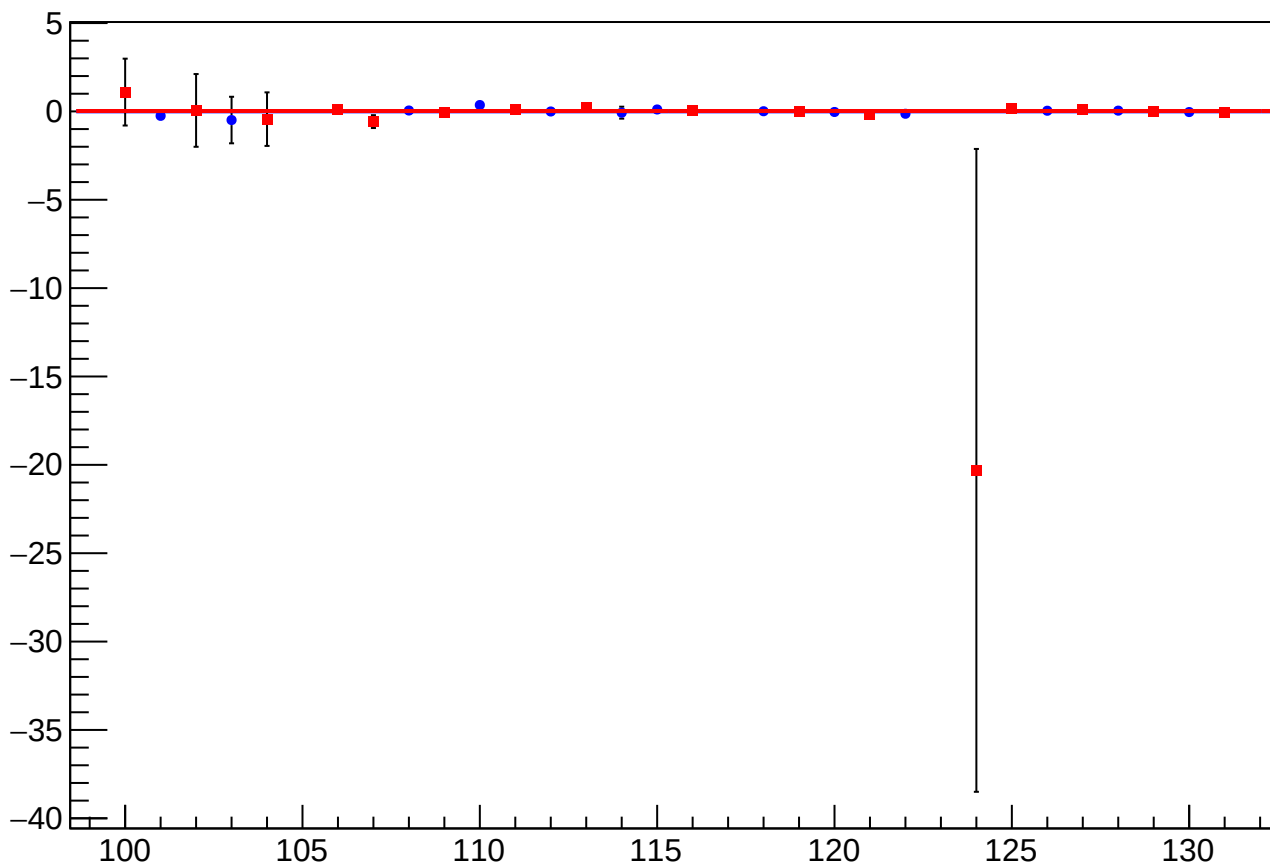
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12342511.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.004 $\pm$ 0.029 χ^2 /NDF: 11.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.023 $\pm$ 0.027 χ^2 /NDF: 14.8/15

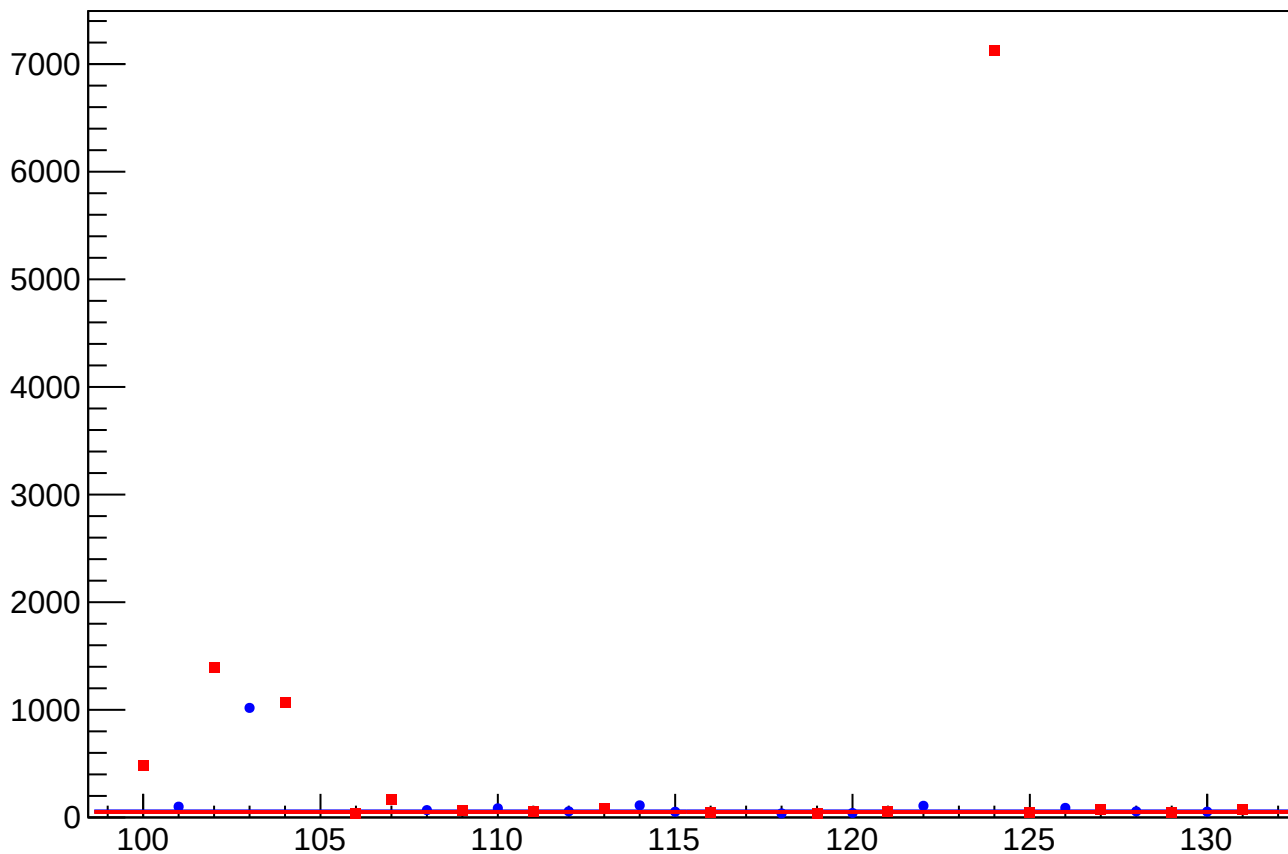
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.020 χ^2 /NDF: 26.1/28

- 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: 56.037+/-0.021 χ^2/NDF : 1974240.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.914+/-0.019 χ^2/NDF : 2886714.3/15

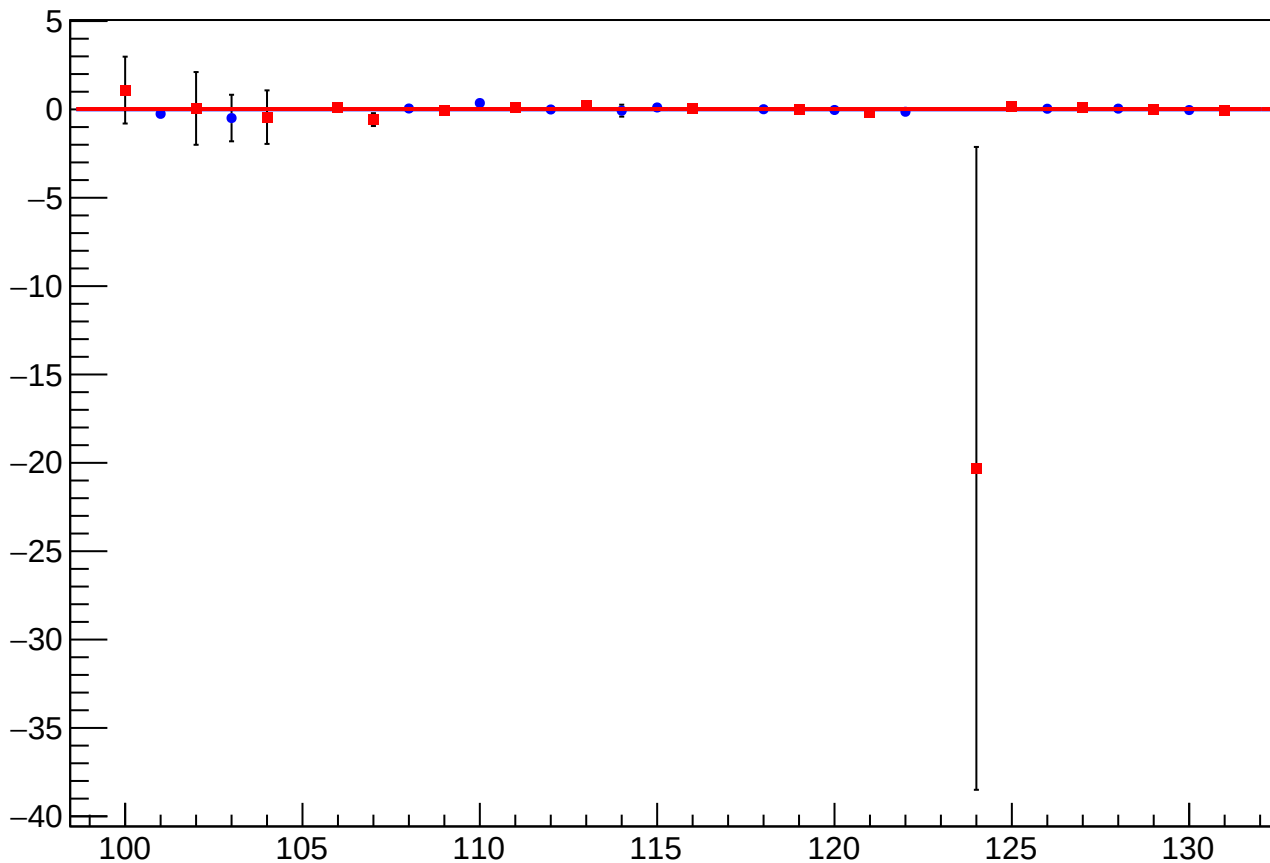
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.251+/-0.014 χ^2/NDF : 4894643.6/28

- 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: 0.004 $\pm$ 0.029 χ^2 /NDF: 11.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.023 $\pm$ 0.027 χ^2 /NDF: 14.8/15

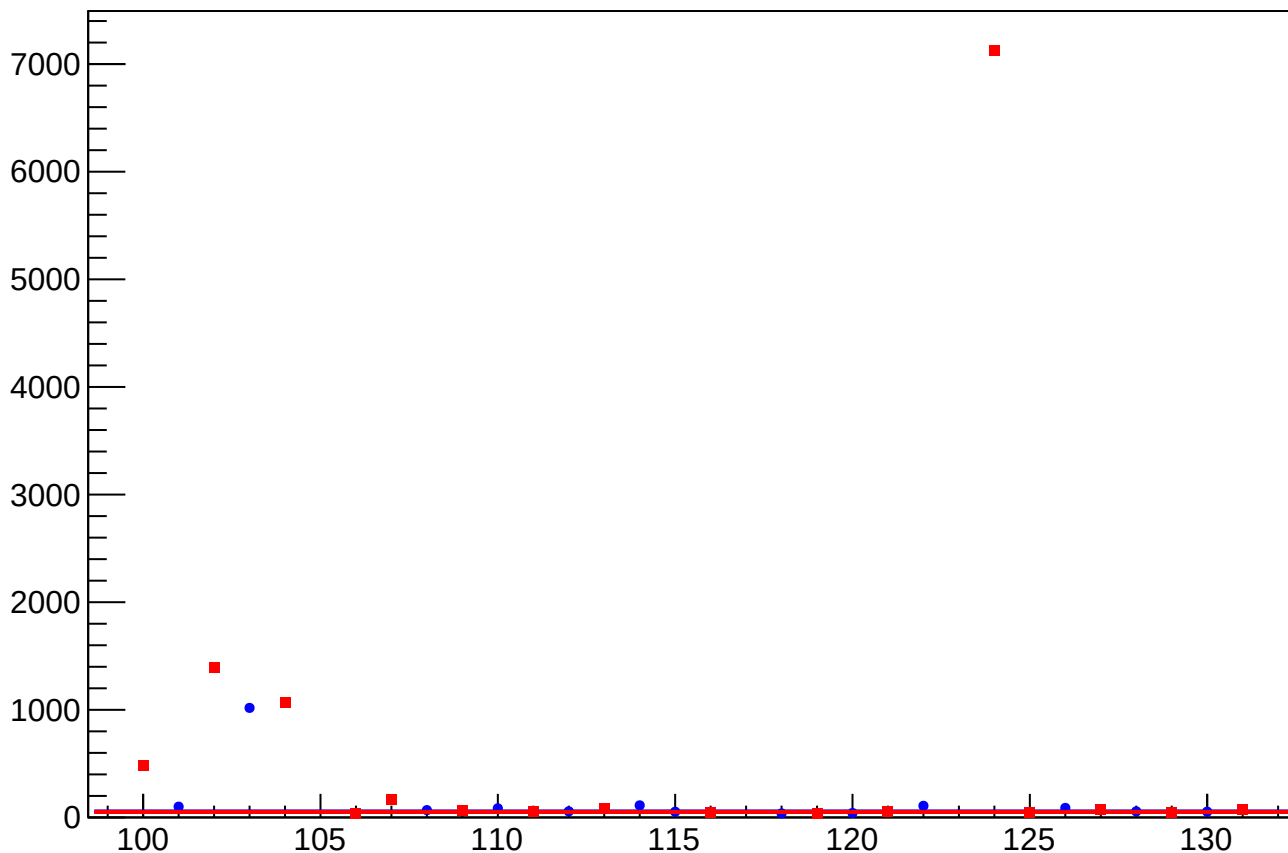
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.020 χ^2 /NDF: 26.1/28

- 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: 56.037+/-0.021 χ^2/NDF : 1974240.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.914+/-0.019 χ^2/NDF : 2886714.3/15

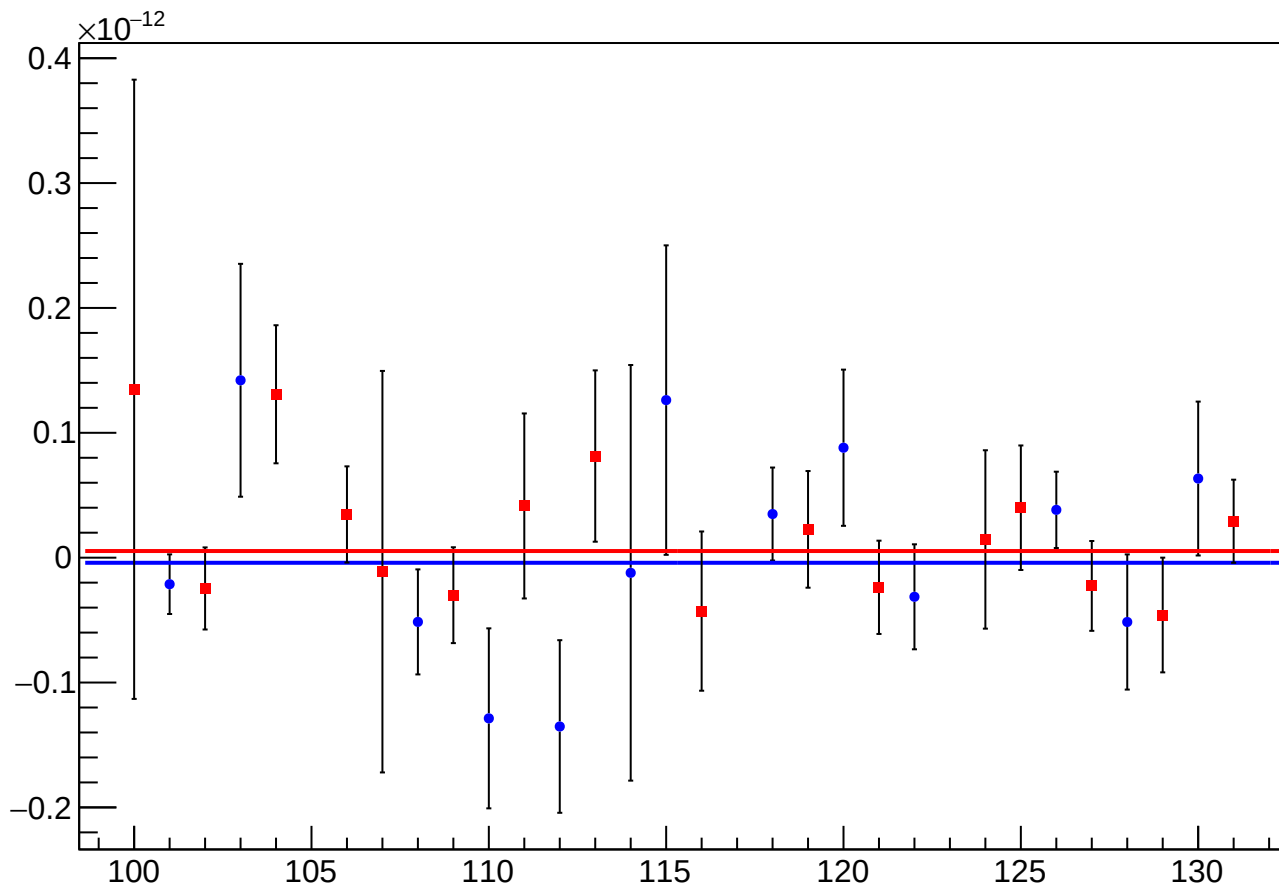
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.251+/-0.014 χ^2/NDF : 4894643.6/28

- 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+/-0.000 χ^2/NDF : 19.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.3/15

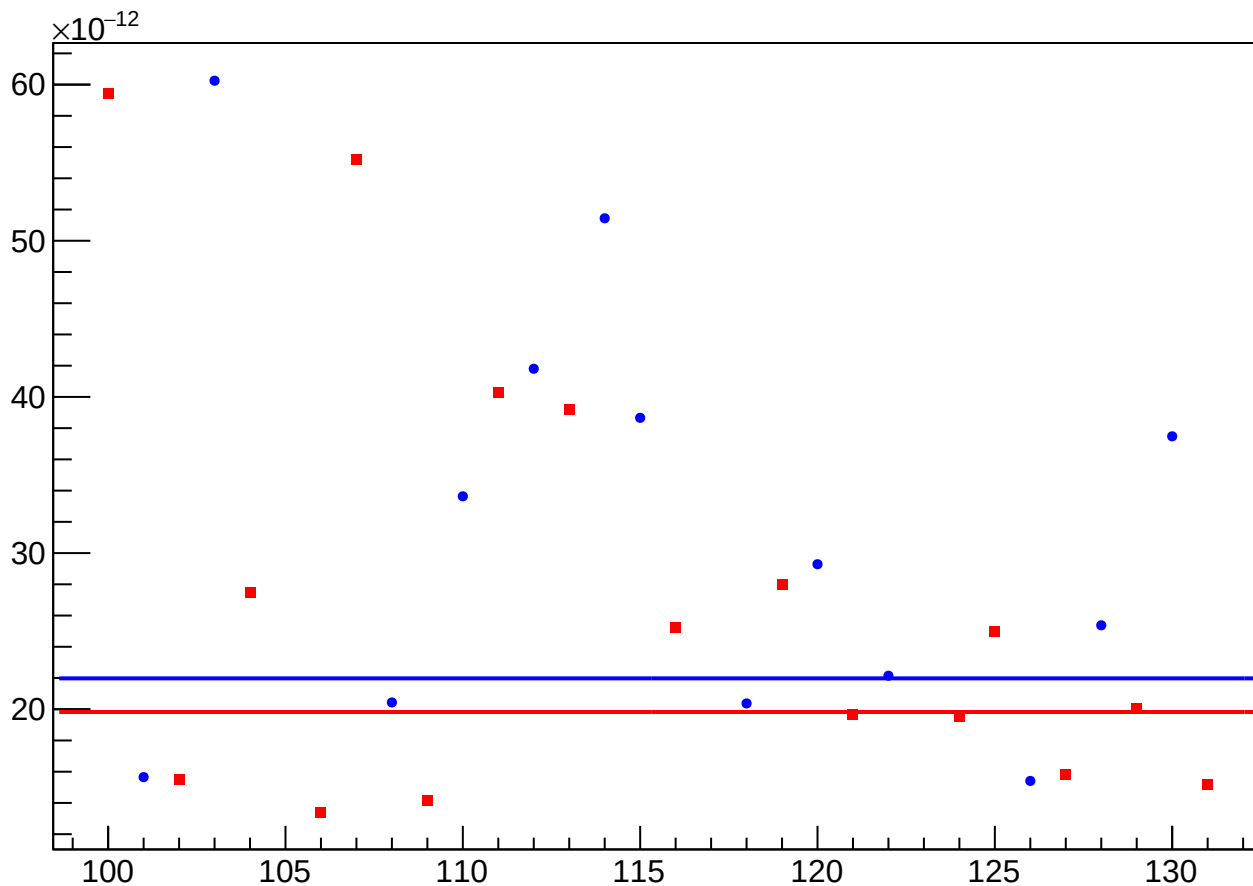
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.1/28

- sign 0.000+/-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 : 1053502.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 792012.0/15

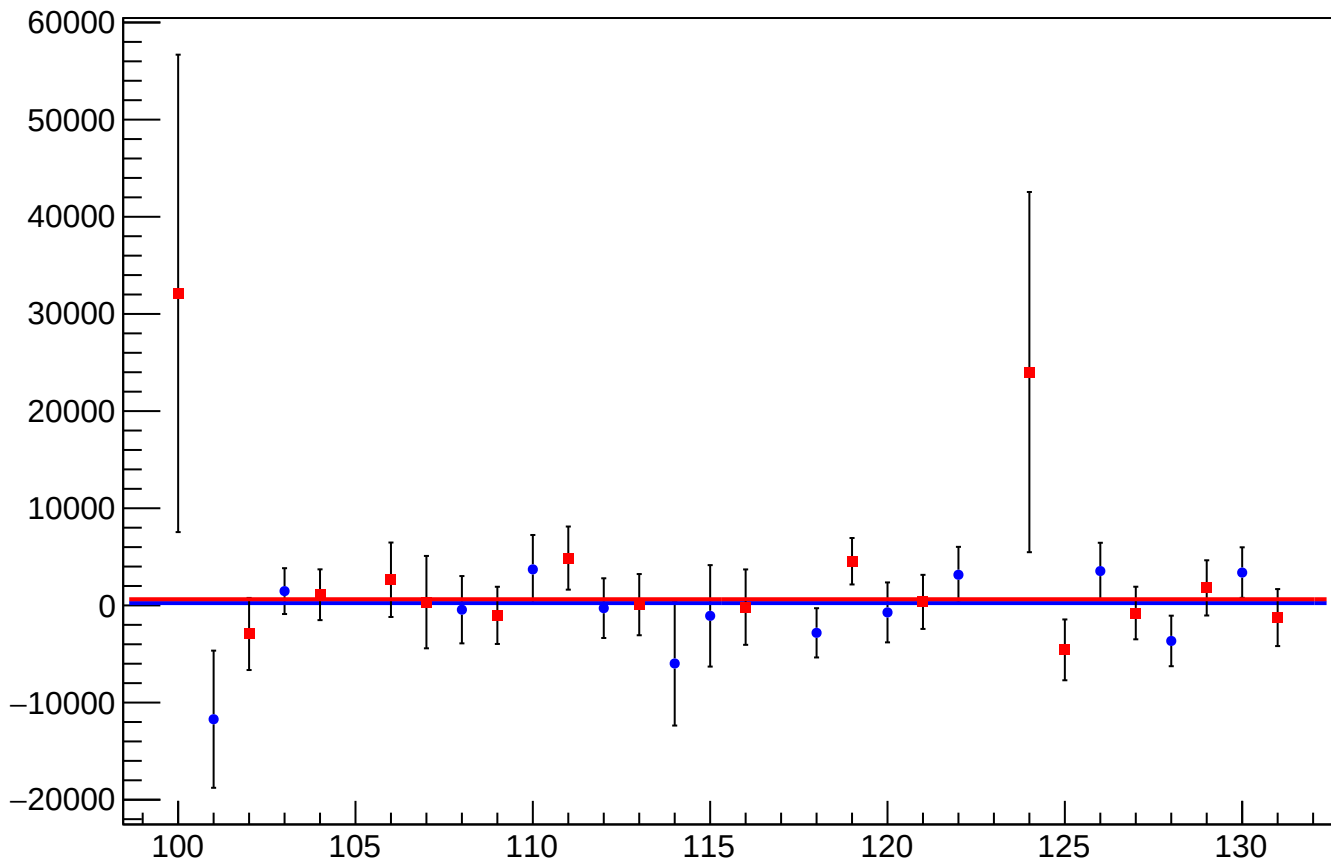
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1876326.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_mean vs Slug



Right In: 238.937 $\pm$ 868.577 χ^2 /NDF: 12.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 635.946 $\pm$ 817.576 χ^2 /NDF: 12.9/15

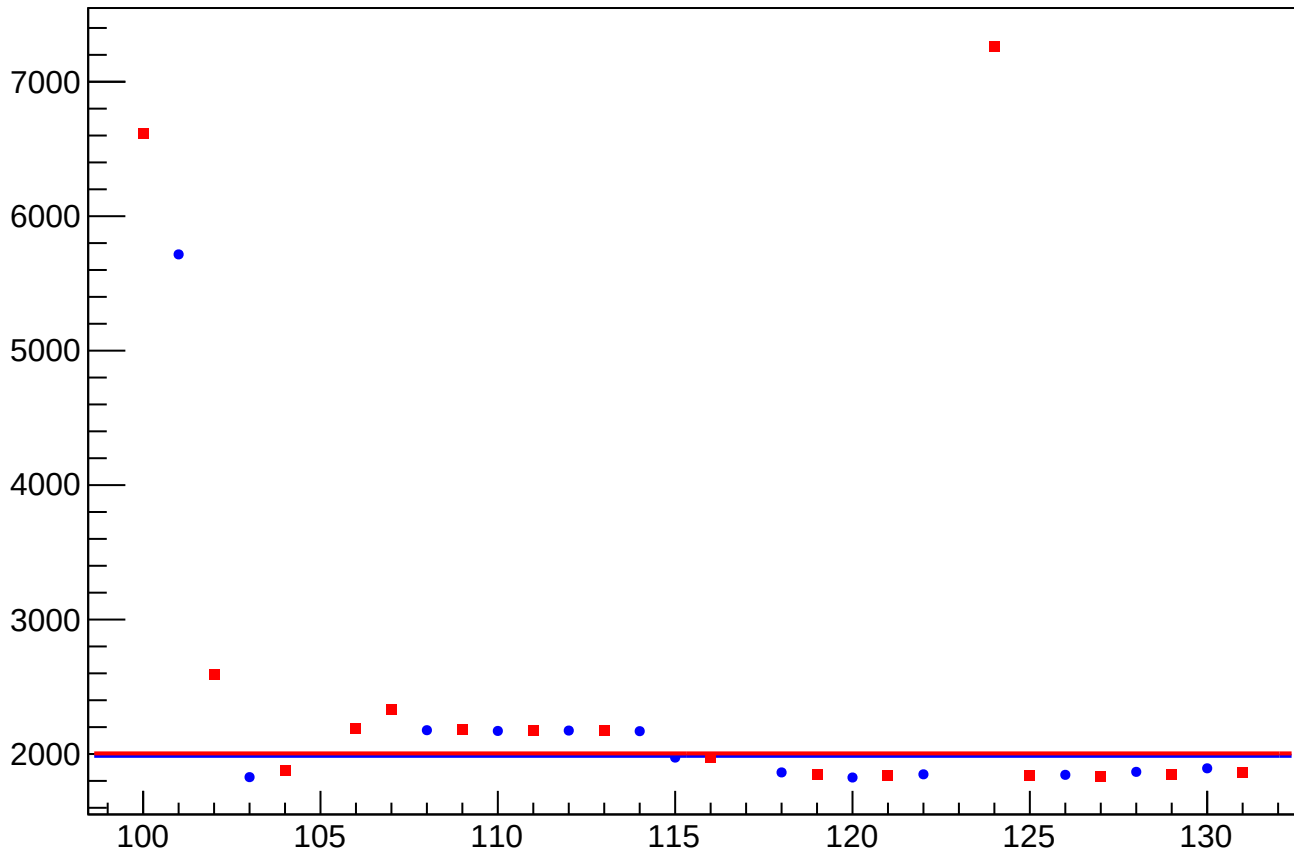
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 449.439 $\pm$ 595.328 χ^2 /NDF: 25.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_rms vs Slug



Right In: 1986.613+/-0.614 χ^2/NDF : 614248.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

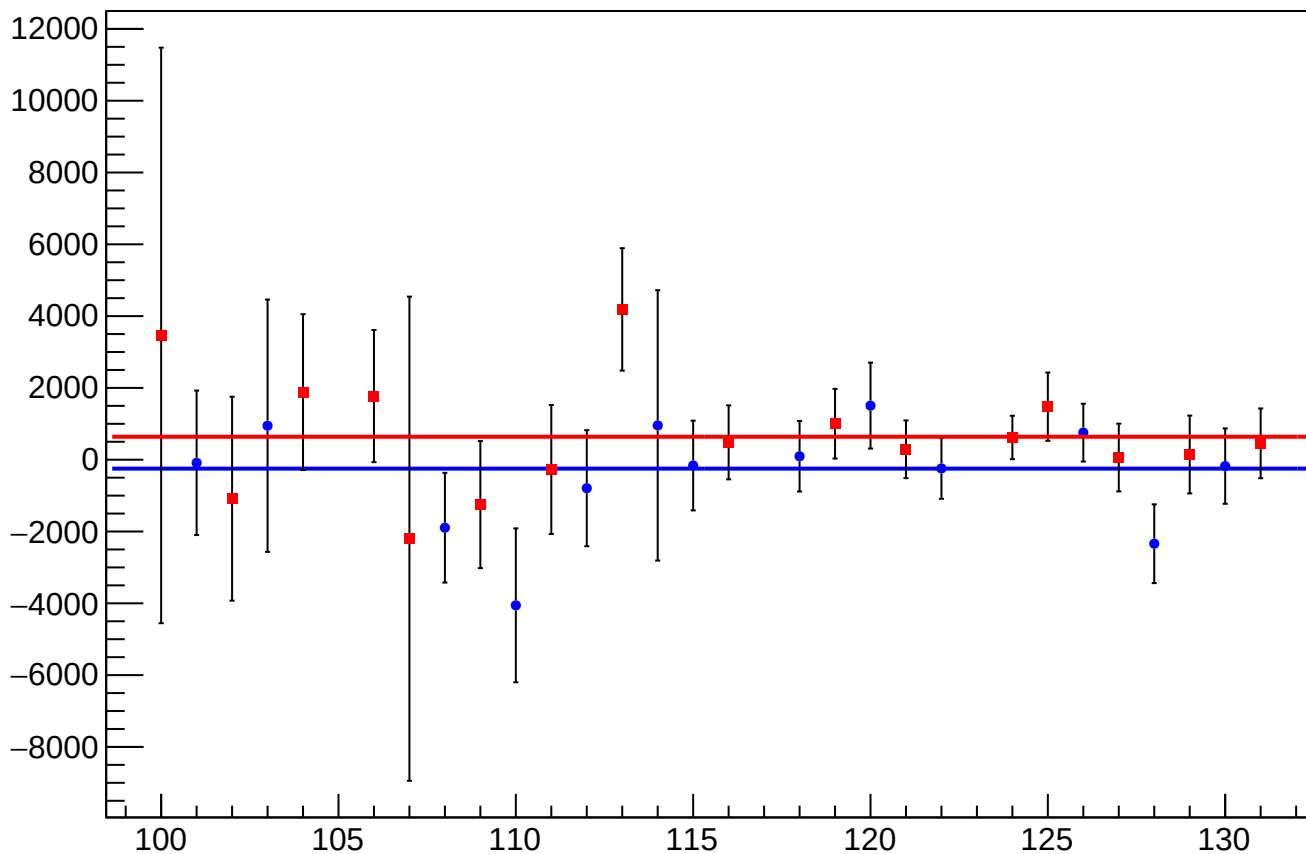
Right Out: 2004.552+/-0.578 χ^2/NDF : 358549.2/15

All: 1996.124+/-0.421 χ^2/NDF : 973250.0/28

- 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_reg_correction_mean vs Slug



Right In: -248.056+/-343.363 χ^2 /NDF: 12.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 639.900+/-287.883 χ^2 /NDF: 8.9/15

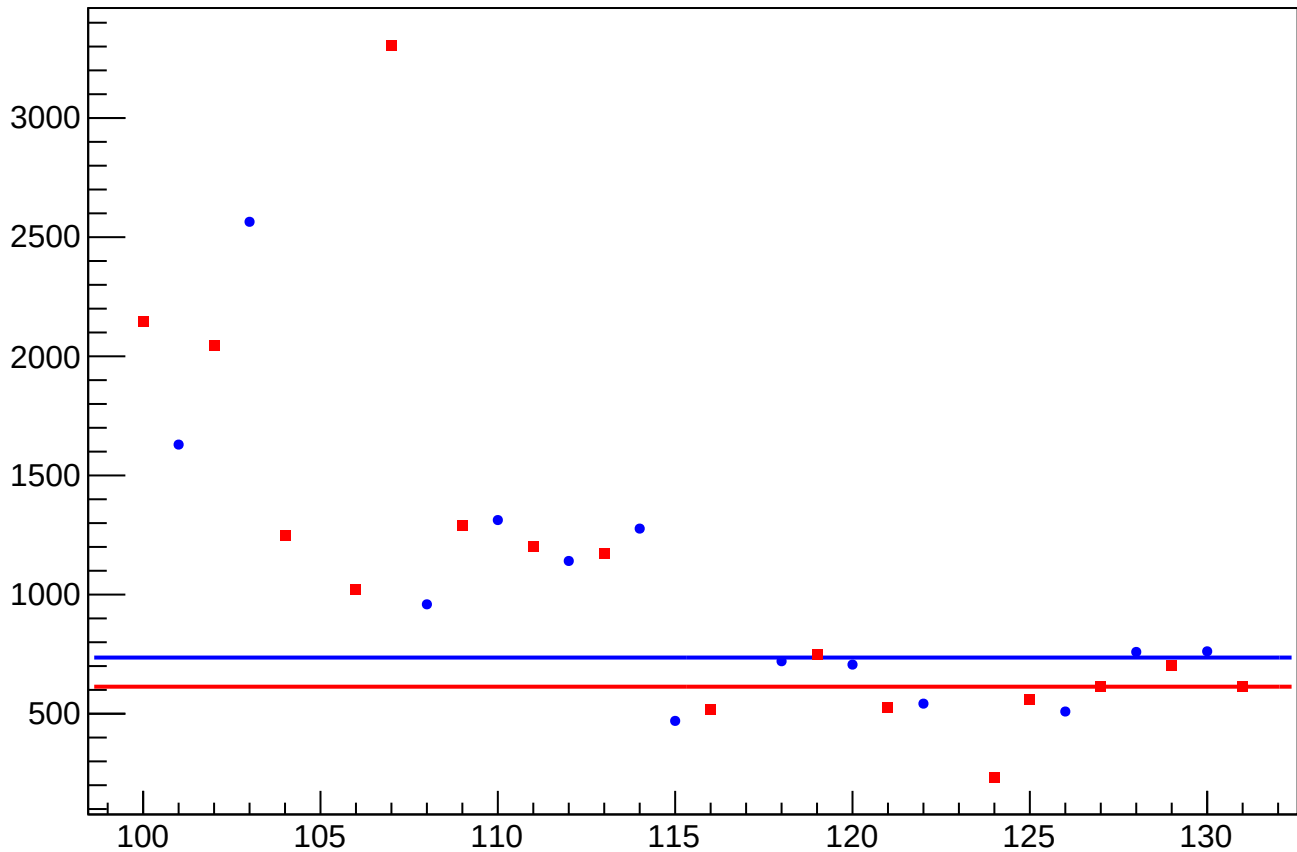
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 273.365+/-220.605 χ^2 /NDF: 24.9/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_reg_correction_rms vs Slug



Right In: 735.734 $\pm$ 0.243 χ^2 /NDF: 1648195.1/12

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

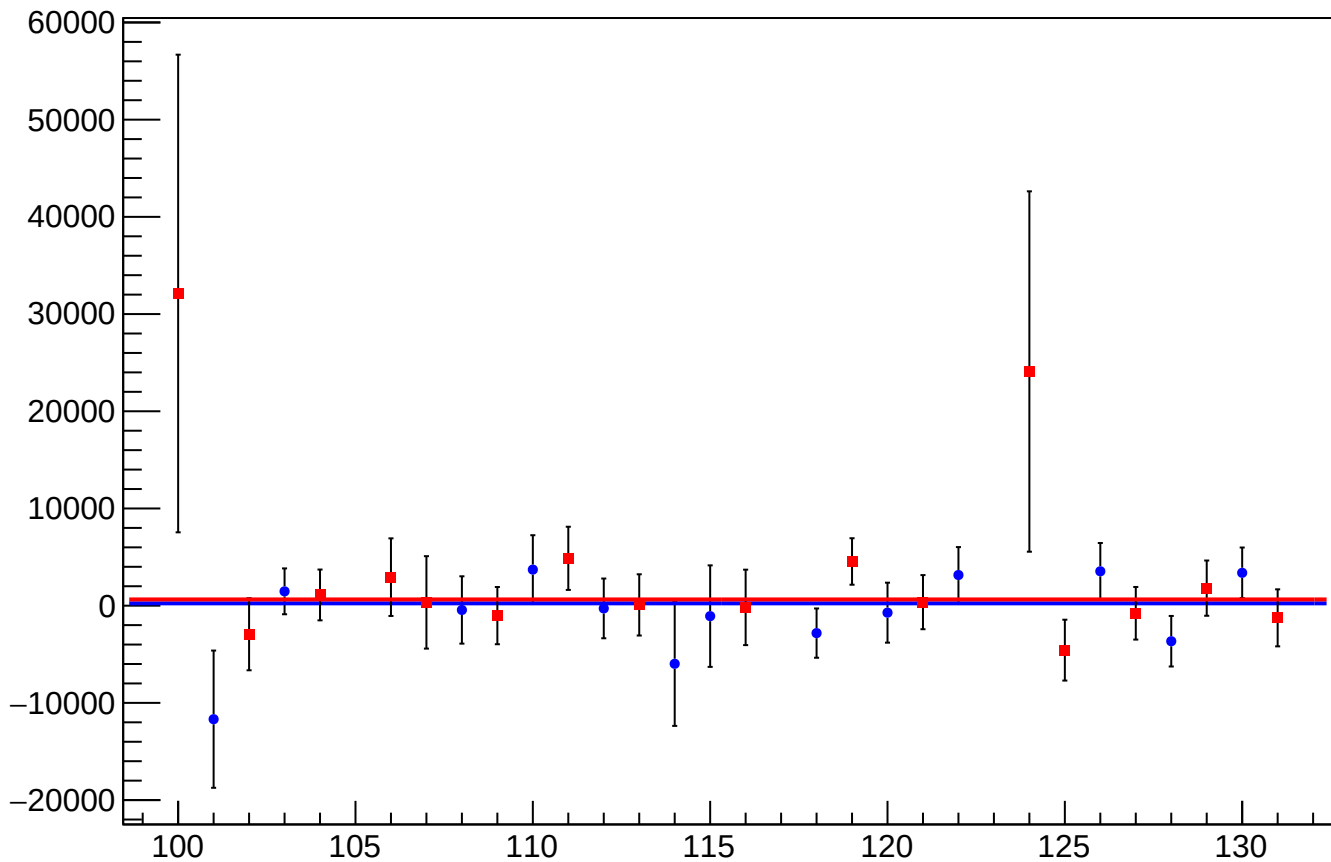
Right Out: 613.465 $\pm$ 0.204 χ^2 /NDF: 2785003.7/15

All: 663.936 $\pm$ 0.156 χ^2 /NDF: 4582119.5/28

- 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: 240.015+/-868.578 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 641.906+/-819.049 χ^2/NDF : 12.9/15

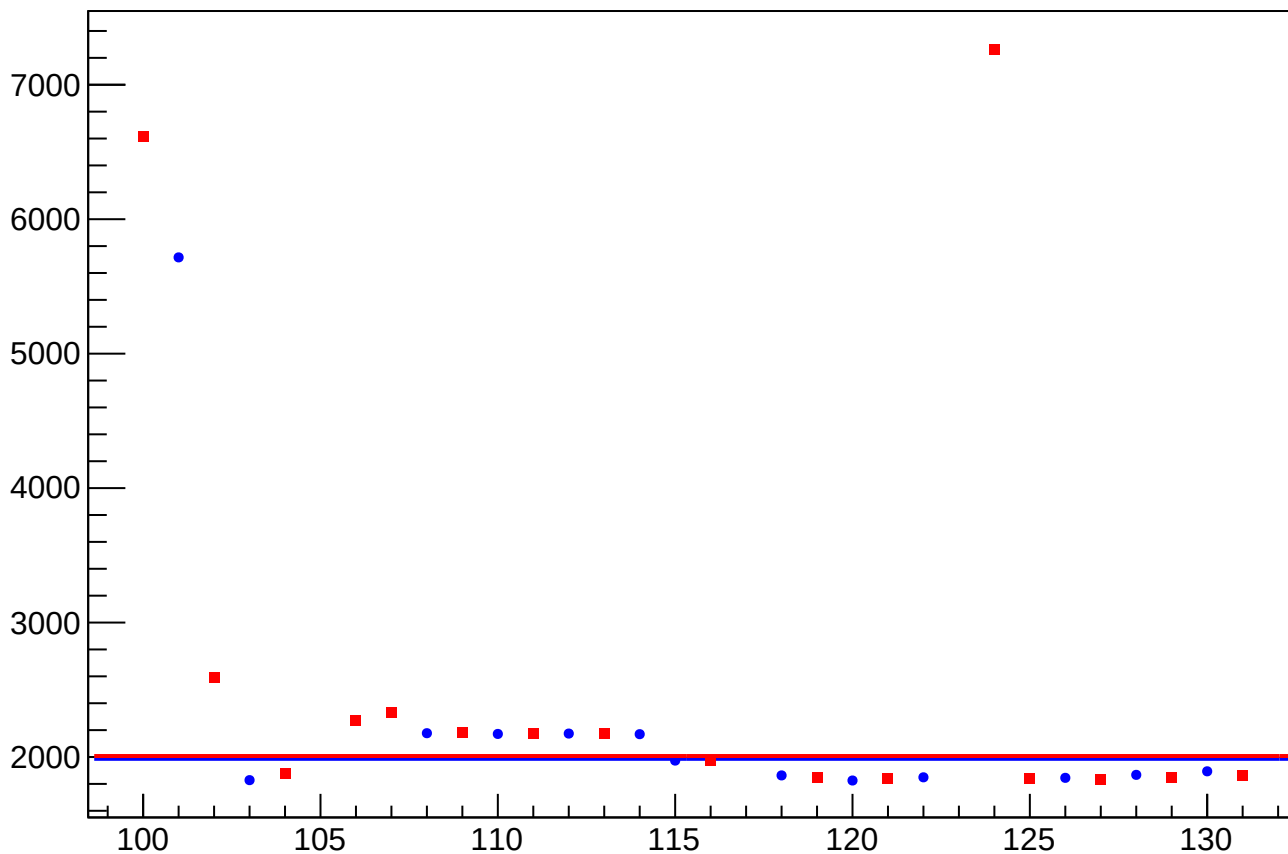
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 452.745+/-595.896 χ^2/NDF : 25.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at1_dd_rms vs Slug



Right In: 1986.613+/-0.614 χ^2/NDF : 614248.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

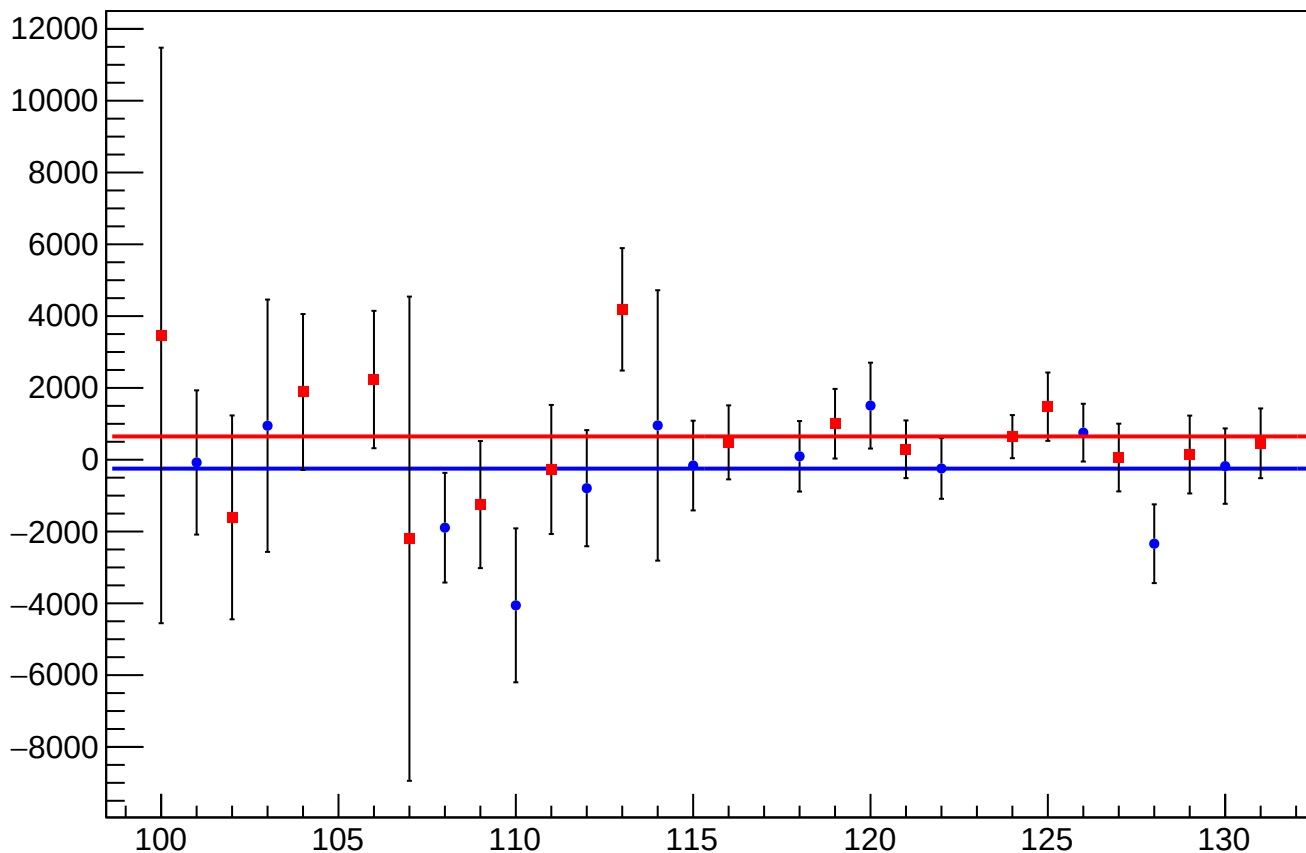
Right Out: 2007.341+/-0.579 χ^2/NDF : 362766.3/15

All: 1997.585+/-0.421 χ^2/NDF : 977617.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_cor_correction_mean vs Slug



Right In: -247.973+/-343.345 χ^2 /NDF: 12.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 648.382+/-287.665 χ^2 /NDF: 9.4/15

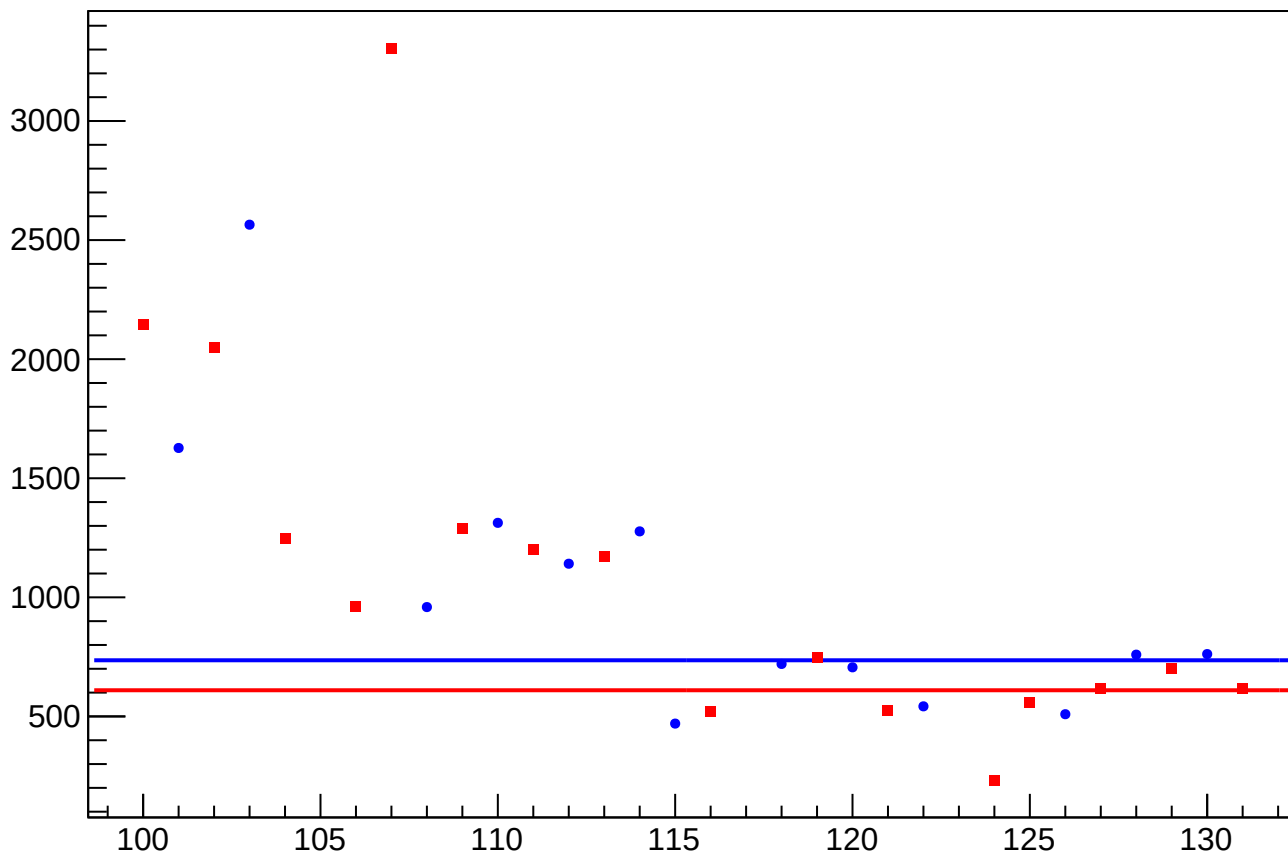
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 278.686+/-220.502 χ^2 /NDF: 25.6/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_cor_correction_rms vs Slug



Right In: 735.732 $\pm$ 0.243 χ^2 /NDF: 1647297.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 609.866 $\pm$ 0.203 χ^2 /NDF: 2773640.7/15

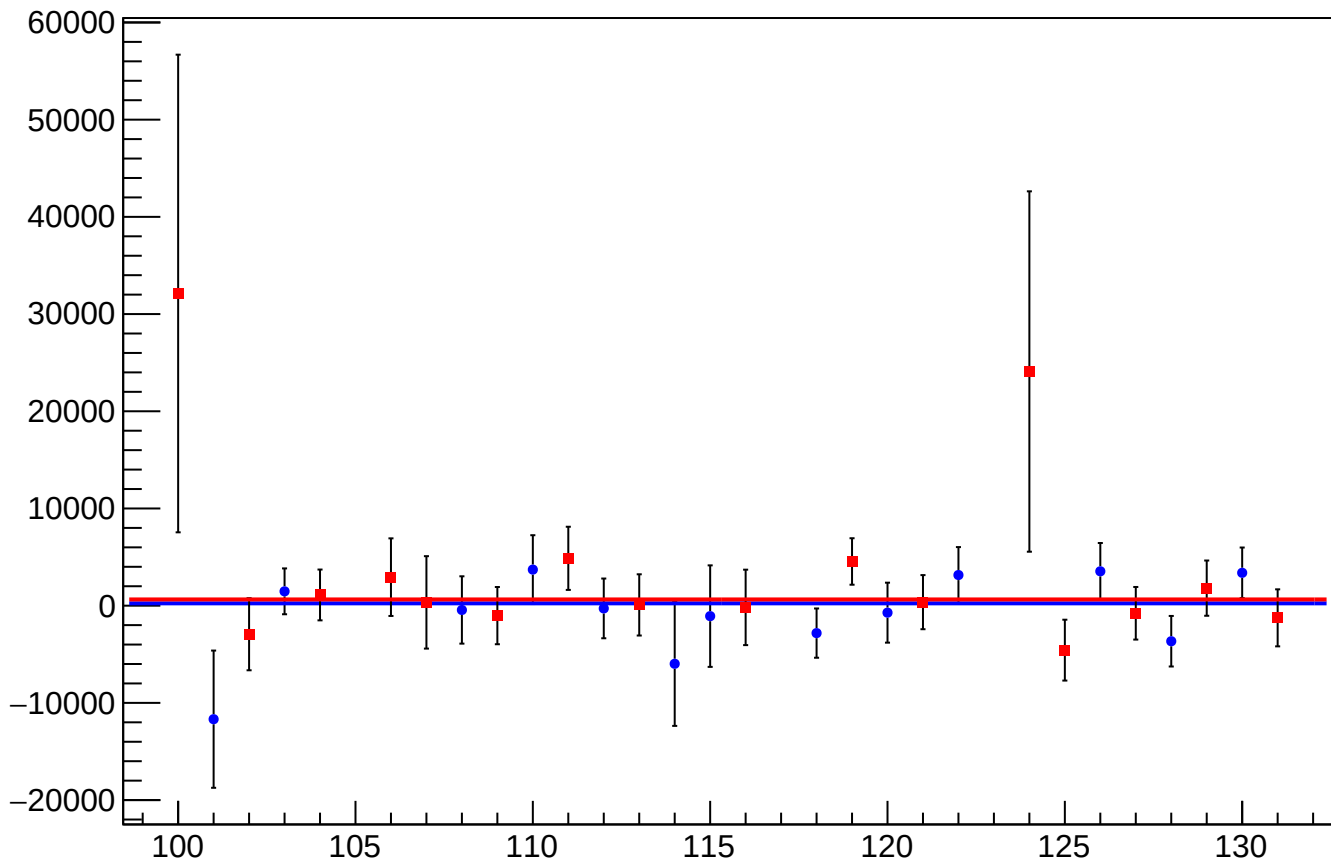
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 661.779 $\pm$ 0.156 χ^2 /NDF: 4578858.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_at1_dd_mean vs Slug



Right In: 240.015+/-868.578 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 641.906+/-819.049 χ^2/NDF : 12.9/15

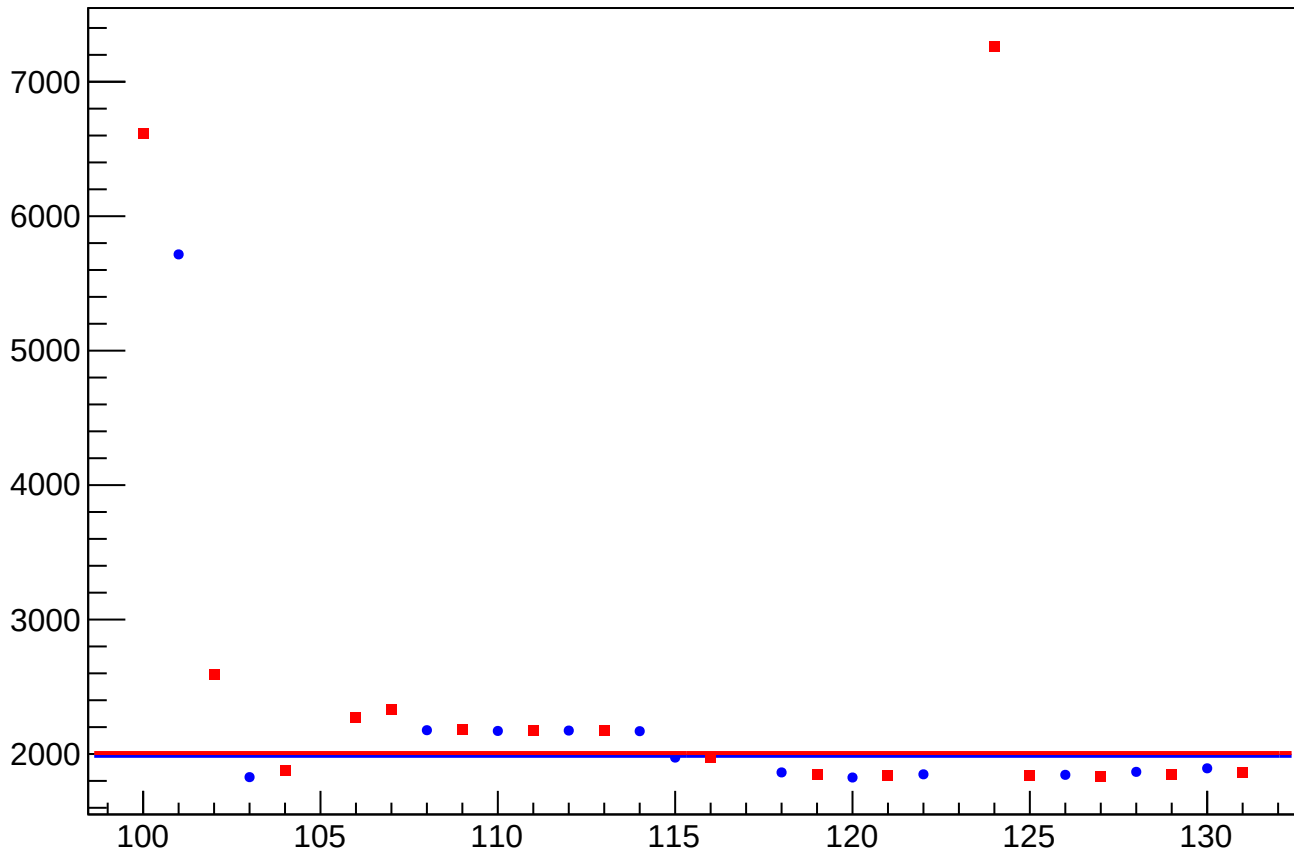
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 452.745+/-595.896 χ^2/NDF : 25.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_dd_rms vs Slug



Right In: 1986.613 $\pm$ 0.614 χ^2 /NDF: 614248.4/12

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

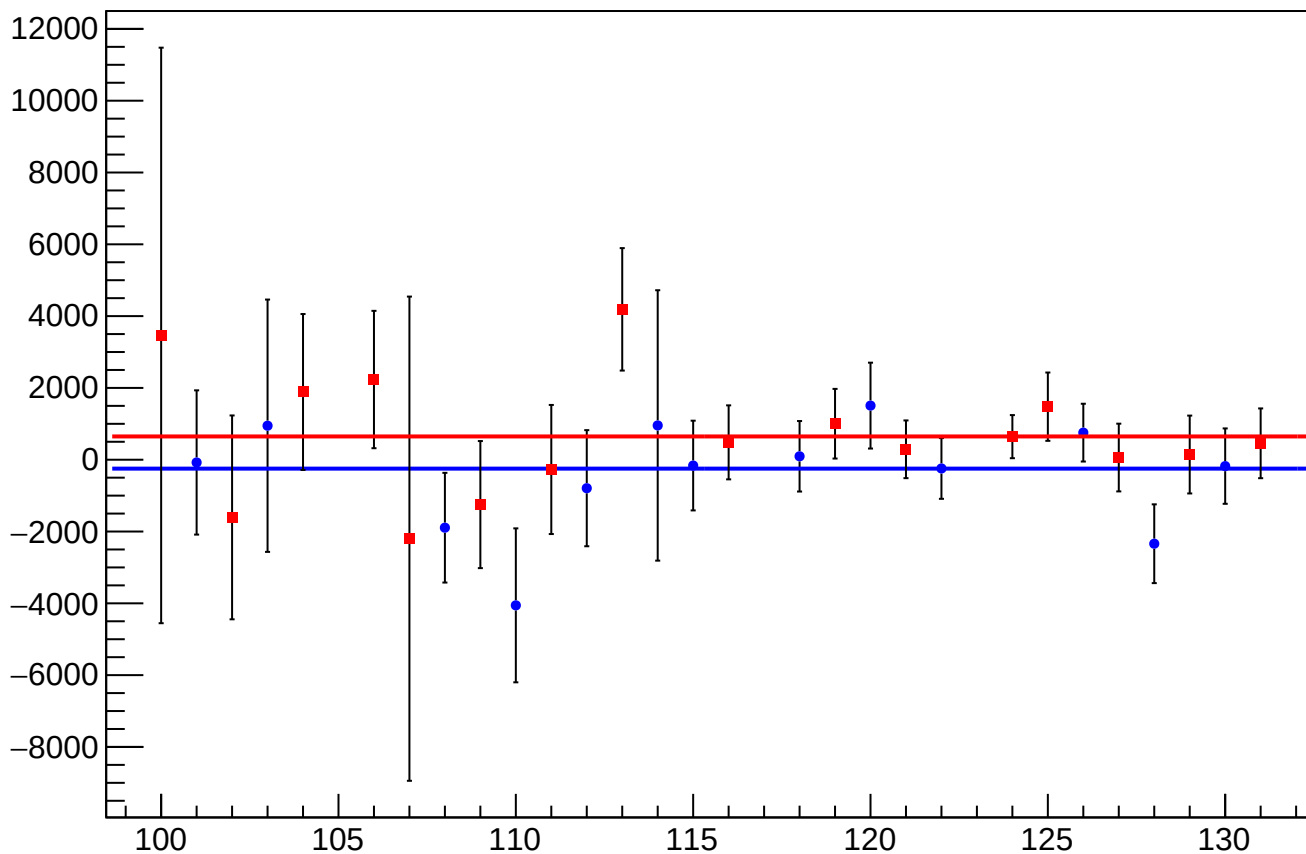
Right Out: 2007.341 $\pm$ 0.579 χ^2 /NDF: 362766.3/15

All: 1997.585 $\pm$ 0.421 χ^2 /NDF: 977617.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_cor_correction_mean vs Slug



Right In: -247.973+/-343.345 χ^2 /NDF: 12.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 648.382+/-287.665 χ^2 /NDF: 9.4/15

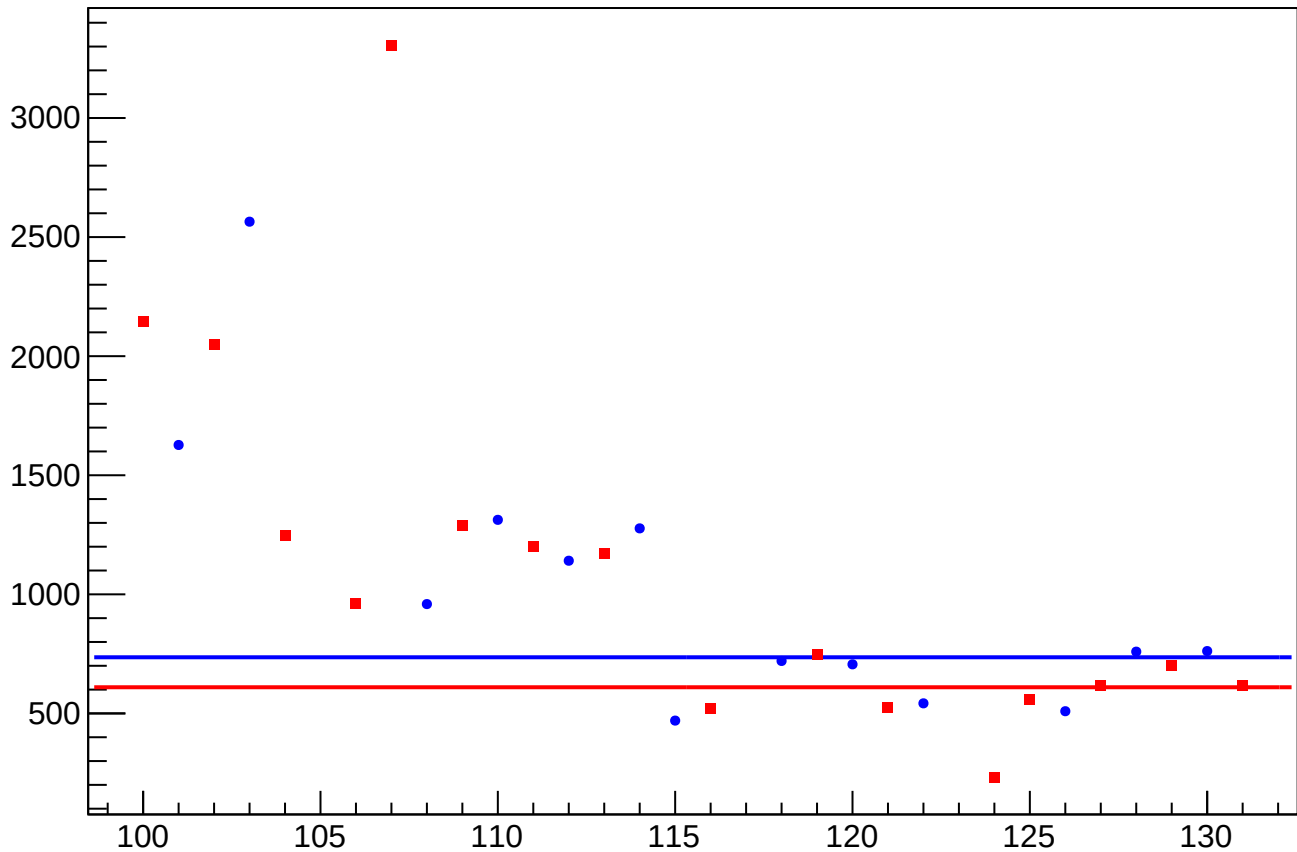
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 278.686+/-220.502 χ^2 /NDF: 25.6/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_cor_correction_rms vs Slug



Right In: 735.732 $\pm$ 0.243 χ^2 /NDF: 1647297.1/12

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

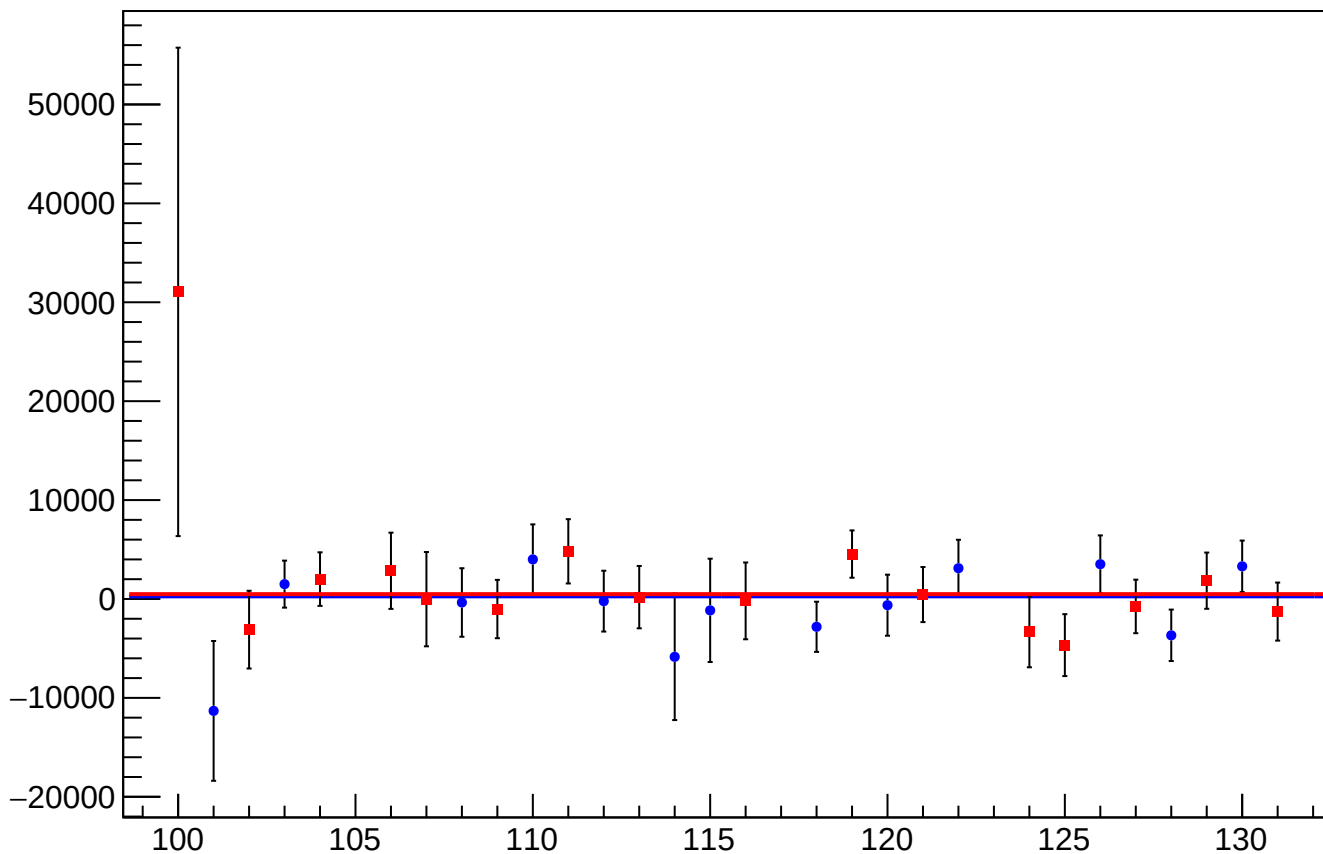
Right Out: 609.866 $\pm$ 0.203 χ^2 /NDF: 2773640.7/15

All: 661.779 $\pm$ 0.156 χ^2 /NDF: 4578858.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at1_dd_mean vs Slug



Right In: 266.862 $\pm$ 869.746 χ^2 /NDF: 12.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 488.716 $\pm$ 803.176 χ^2 /NDF: 12.6/15

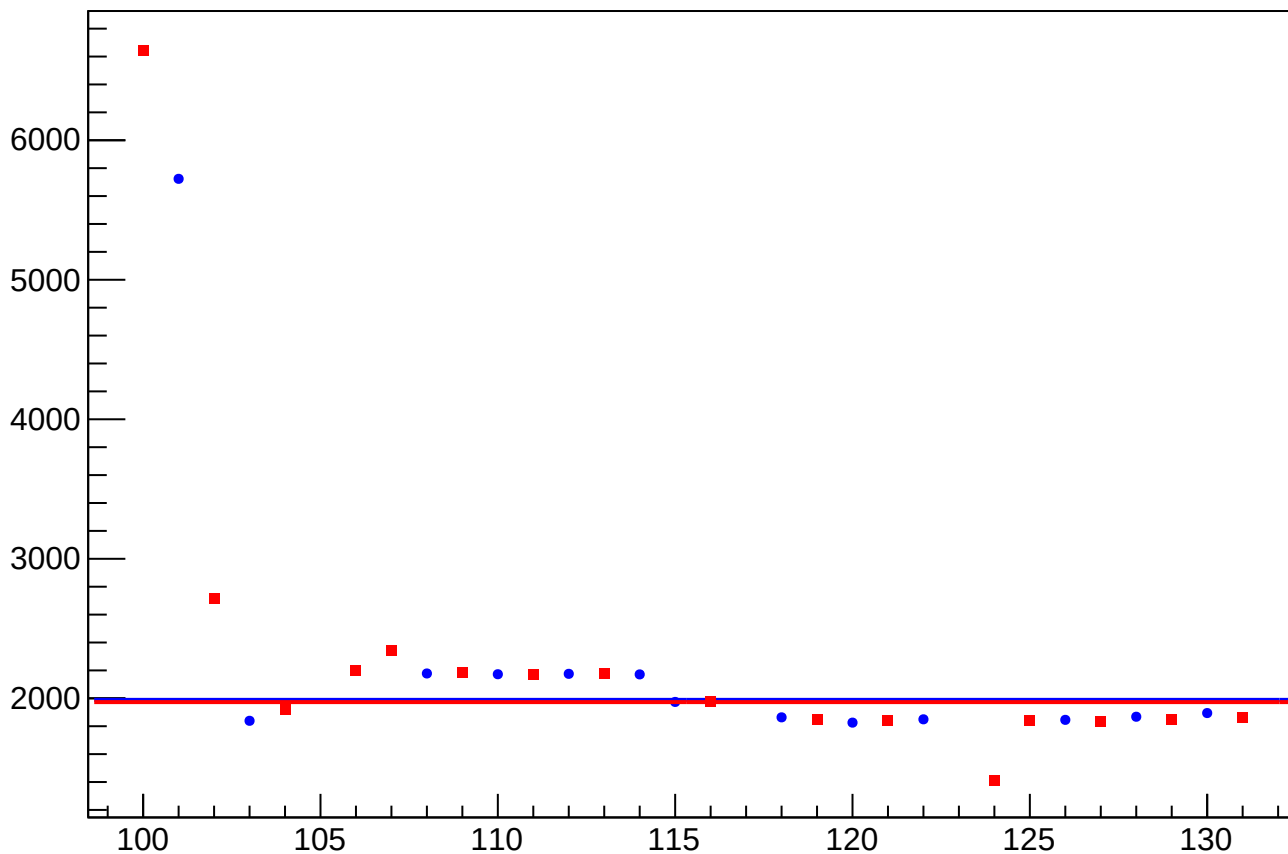
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 386.603 $\pm$ 590.064 χ^2 /NDF: 25.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at1_dd_rms vs Slug



Right In: 1988.939+/-0.615 χ^2/NDF : 613684.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1972.852+/-0.568 χ^2/NDF : 262532.8/15

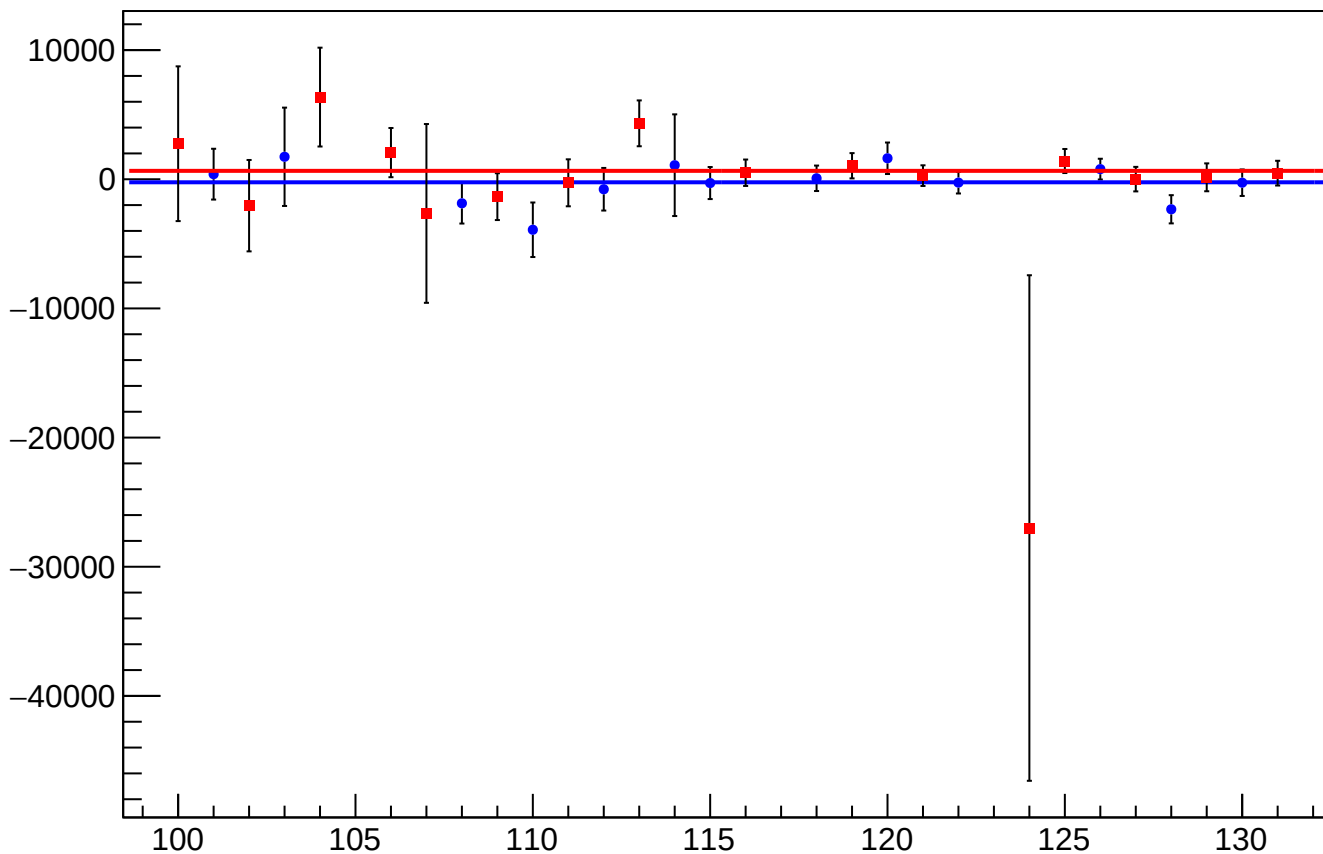
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1980.256+/-0.417 χ^2/NDF : 876587.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_dit_correction_mean vs Slug



Right In: -235.294+/-343.175 χ^2 /NDF: 12.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 650.719+/-330.119 χ^2 /NDF: 13.3/15

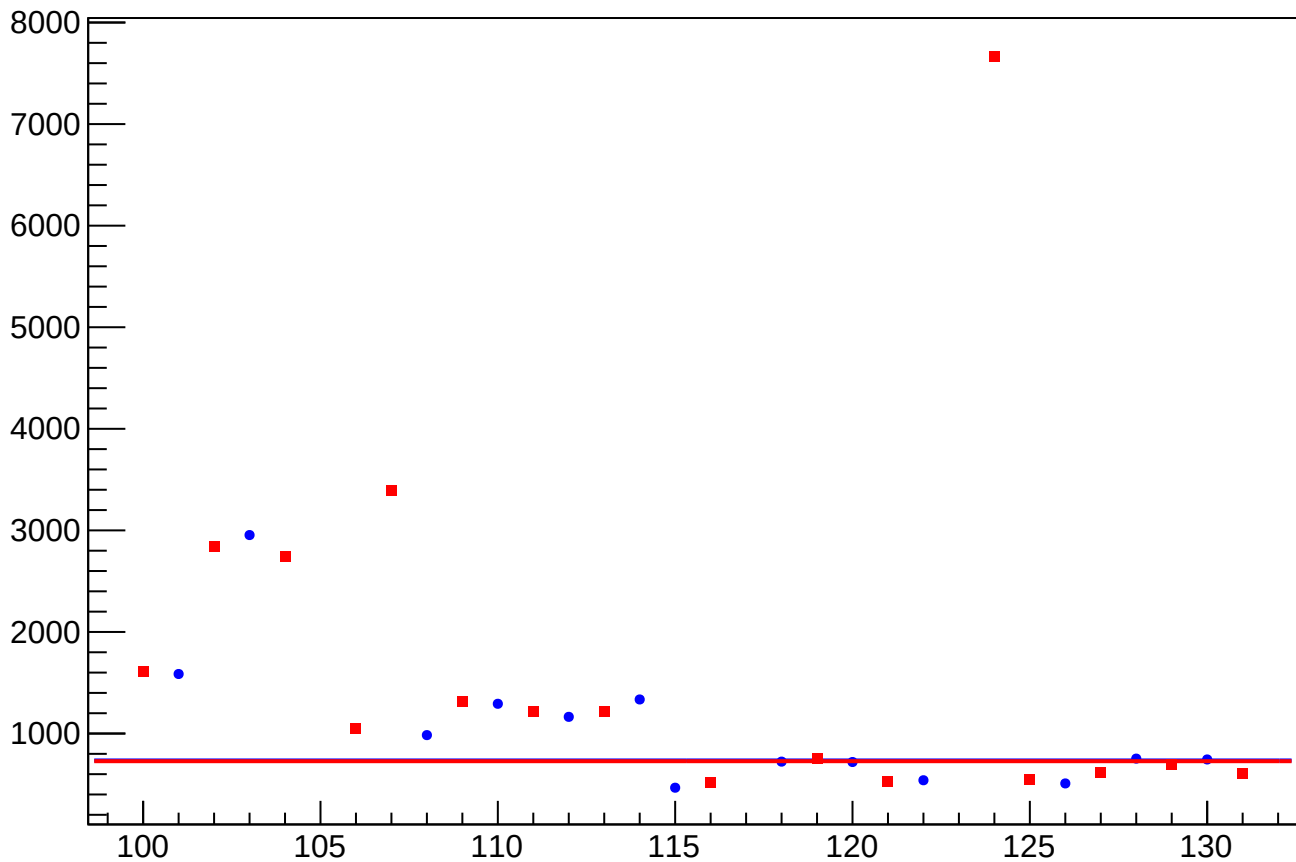
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 224.888+/-237.911 χ^2 /NDF: 29.1/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_dit_correction_rms vs Slug



Right In: 734.875+/-0.243 χ^2/NDF : 1787125.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 727.706+/-0.233 χ^2/NDF : 2779392.7/15

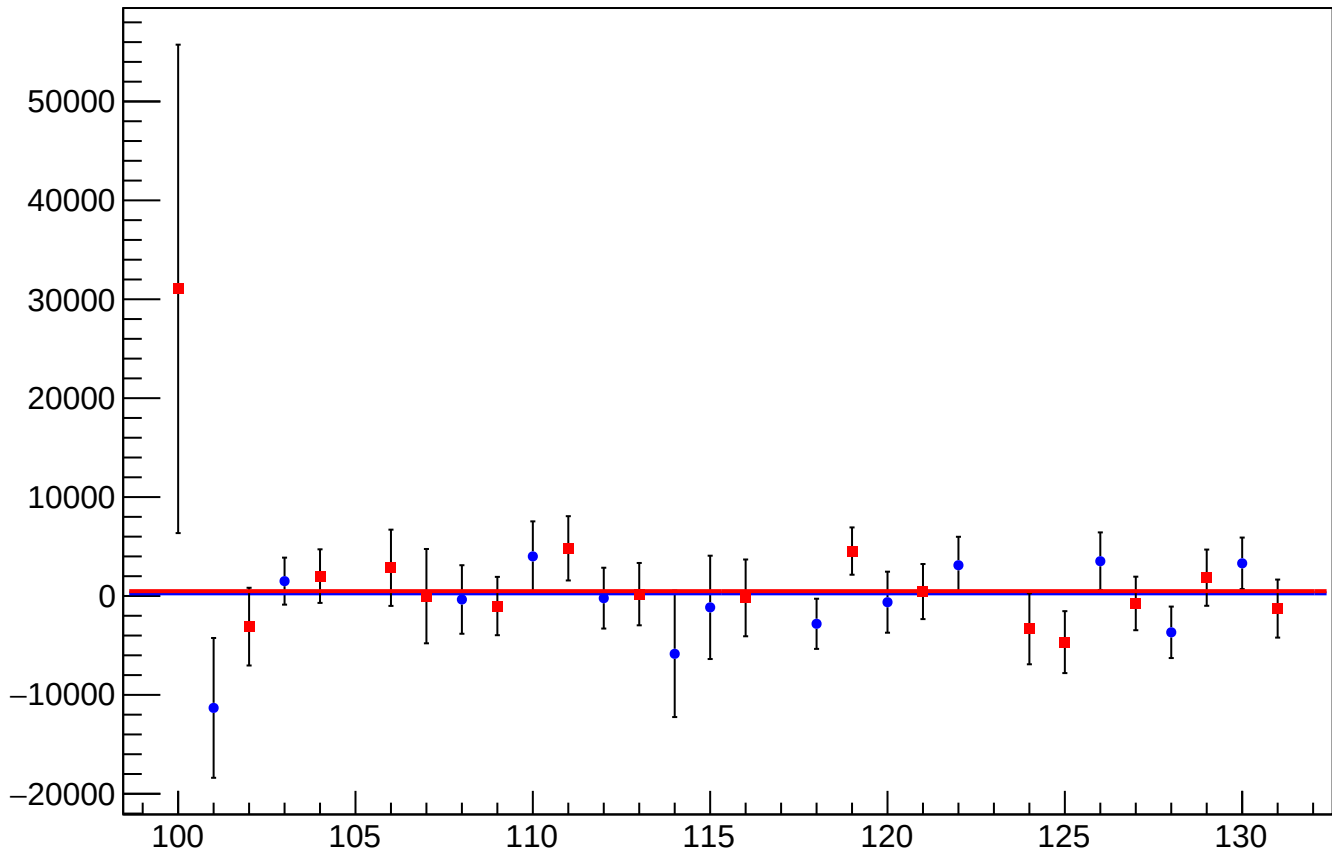
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 731.151+/-0.168 χ^2/NDF : 4566972.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_dd_mean vs Slug



Right In: 266.862 $\pm$ 869.746 χ^2 /NDF: 12.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 488.717 $\pm$ 803.176 χ^2 /NDF: 12.6/15

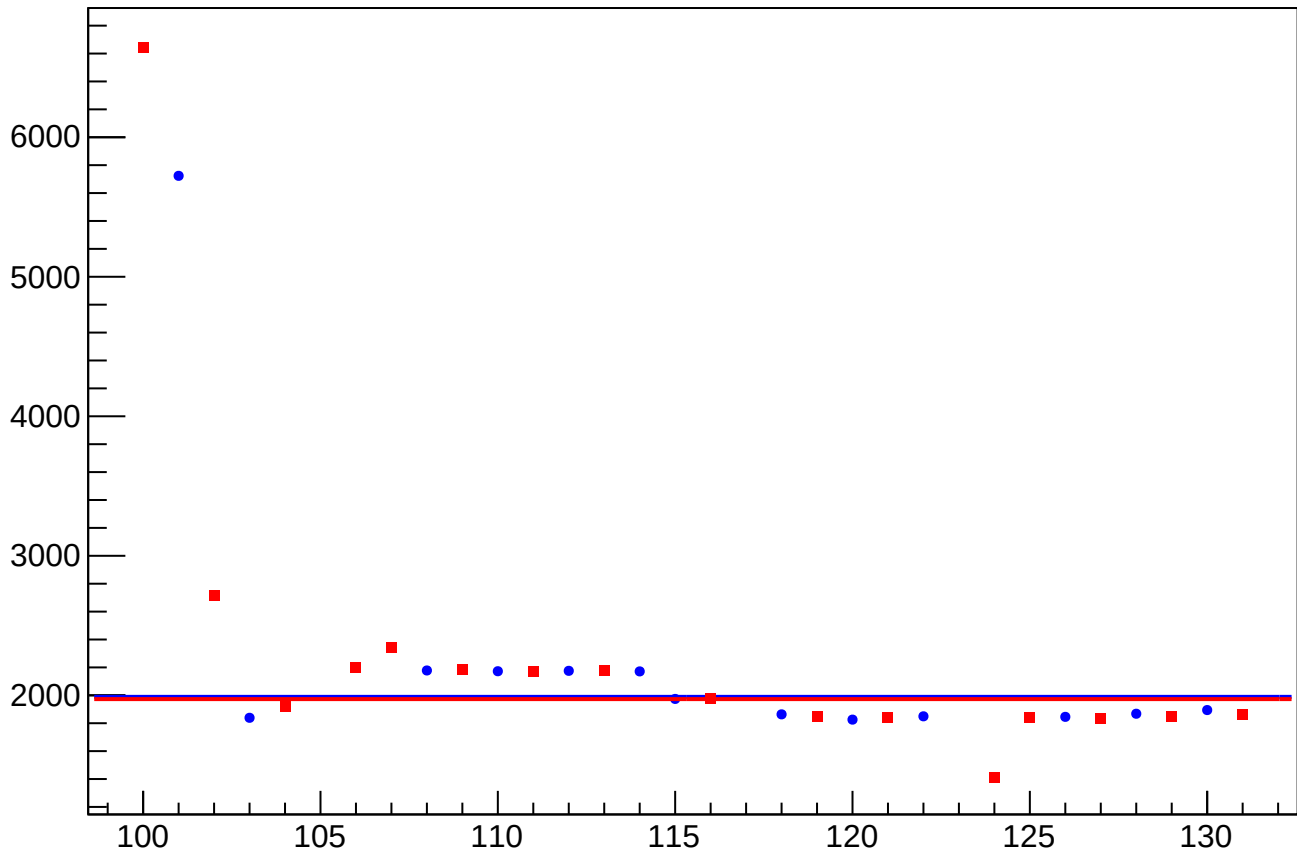
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 386.603 $\pm$ 590.064 χ^2 /NDF: 25.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at1_dd_rms vs Slug



Right In: 1988.939 $\pm$ 0.615 χ^2 /NDF: 613684.9/12

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

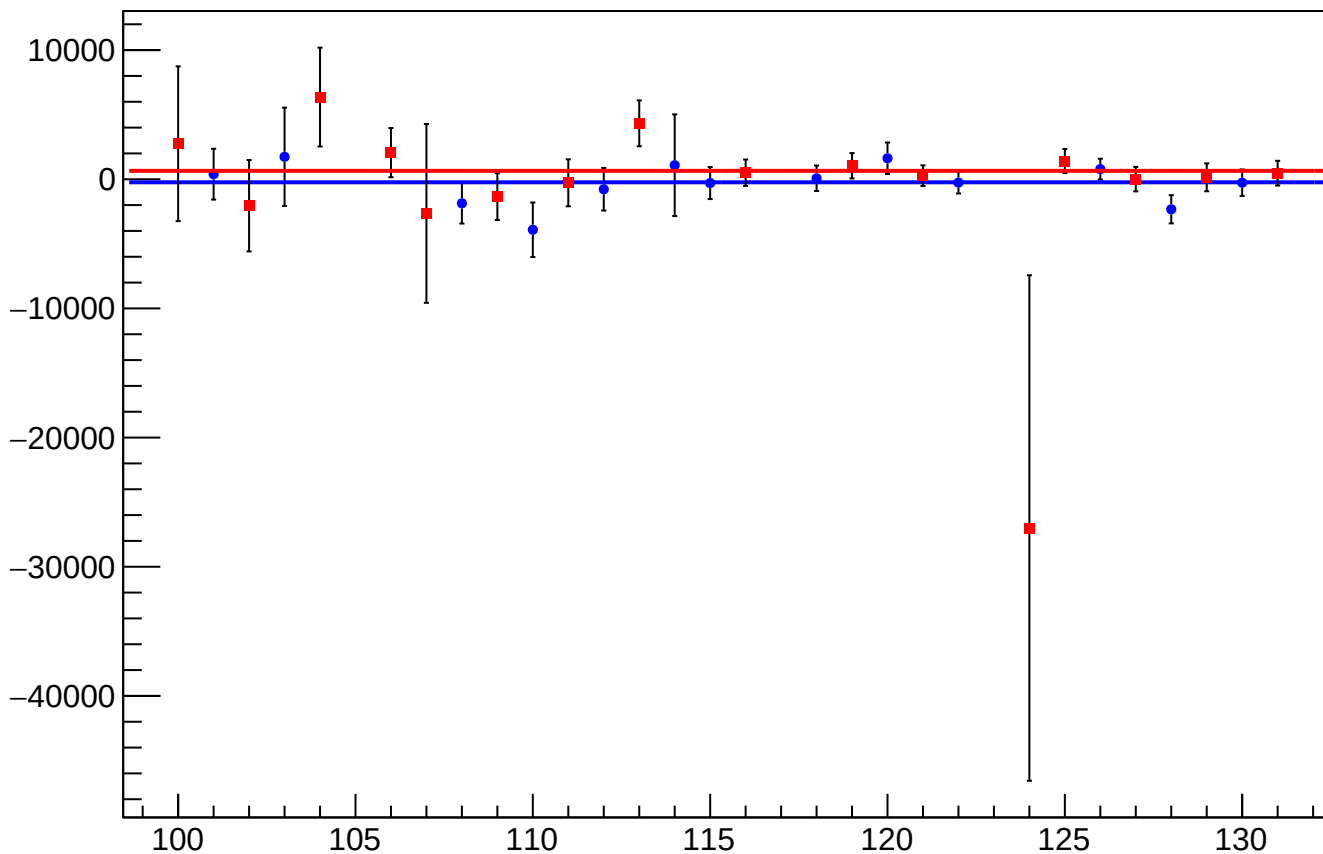
Right Out: 1972.852 $\pm$ 0.568 χ^2 /NDF: 262532.7/15

All: 1980.256 $\pm$ 0.417 χ^2 /NDF: 876586.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_dit_correction_mean vs Slug



Right In: -235.295+/-343.175 χ^2 /NDF: 12.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 650.719+/-330.119 χ^2 /NDF: 13.3/15

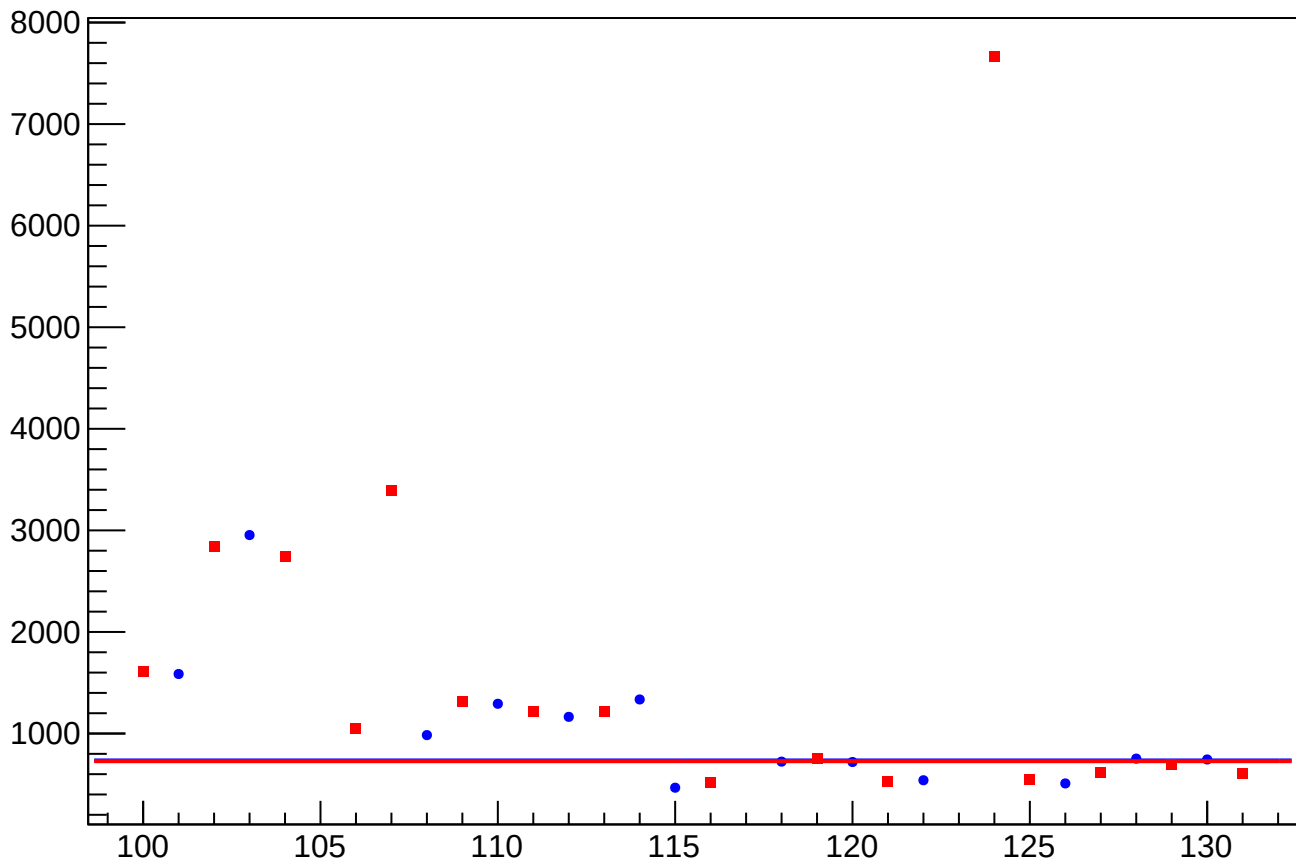
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 224.887+/-237.911 χ^2 /NDF: 29.1/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_dit_correction_rms vs Slug



Right In: 734.874+/-0.243 χ^2/NDF : 1787125.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 727.706+/-0.233 χ^2/NDF : 2779393.1/15

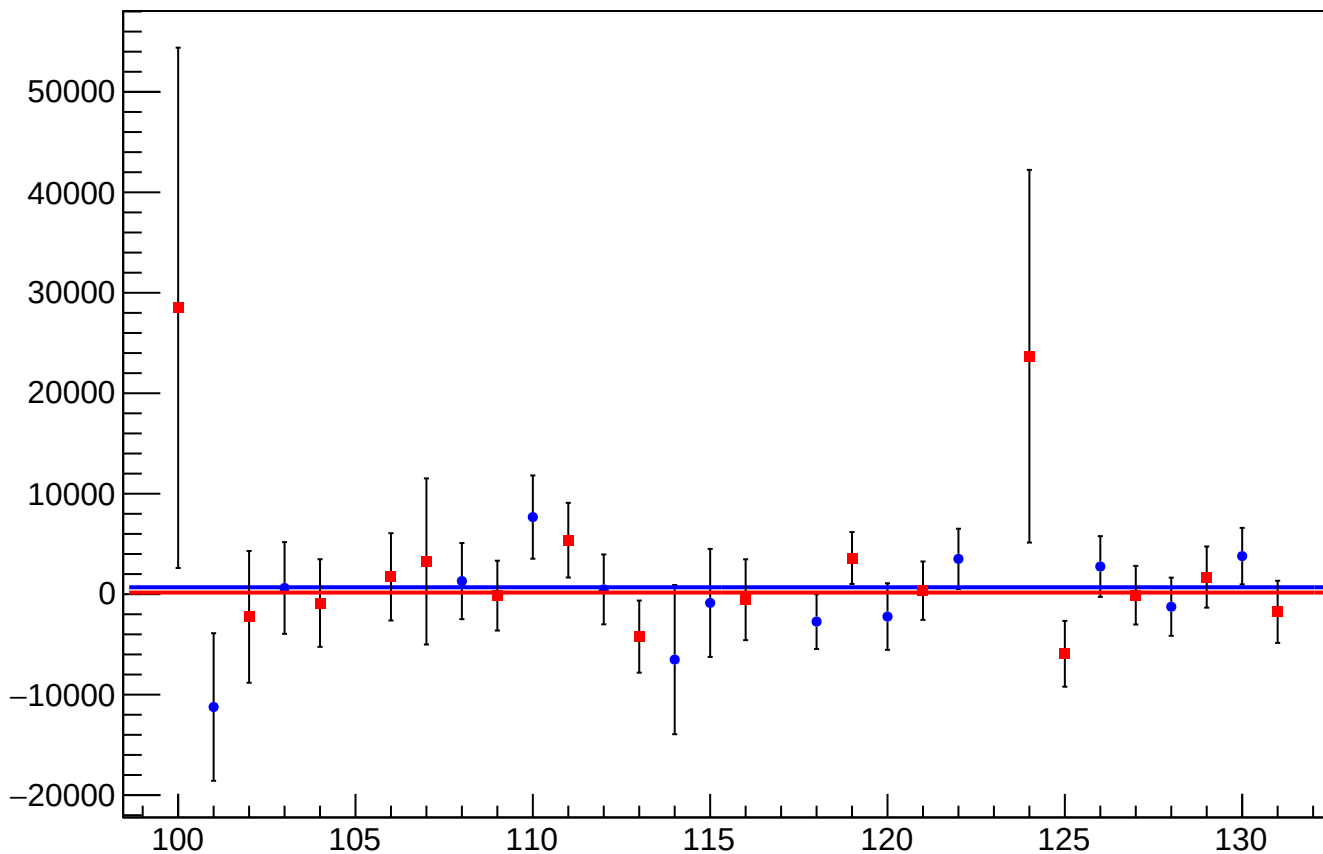
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 731.151+/-0.168 χ^2/NDF : 4566971.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_mean vs Slug



Right In: 687.554+/-989.081 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 159.734+/-939.101 χ^2/NDF : 12.7/15

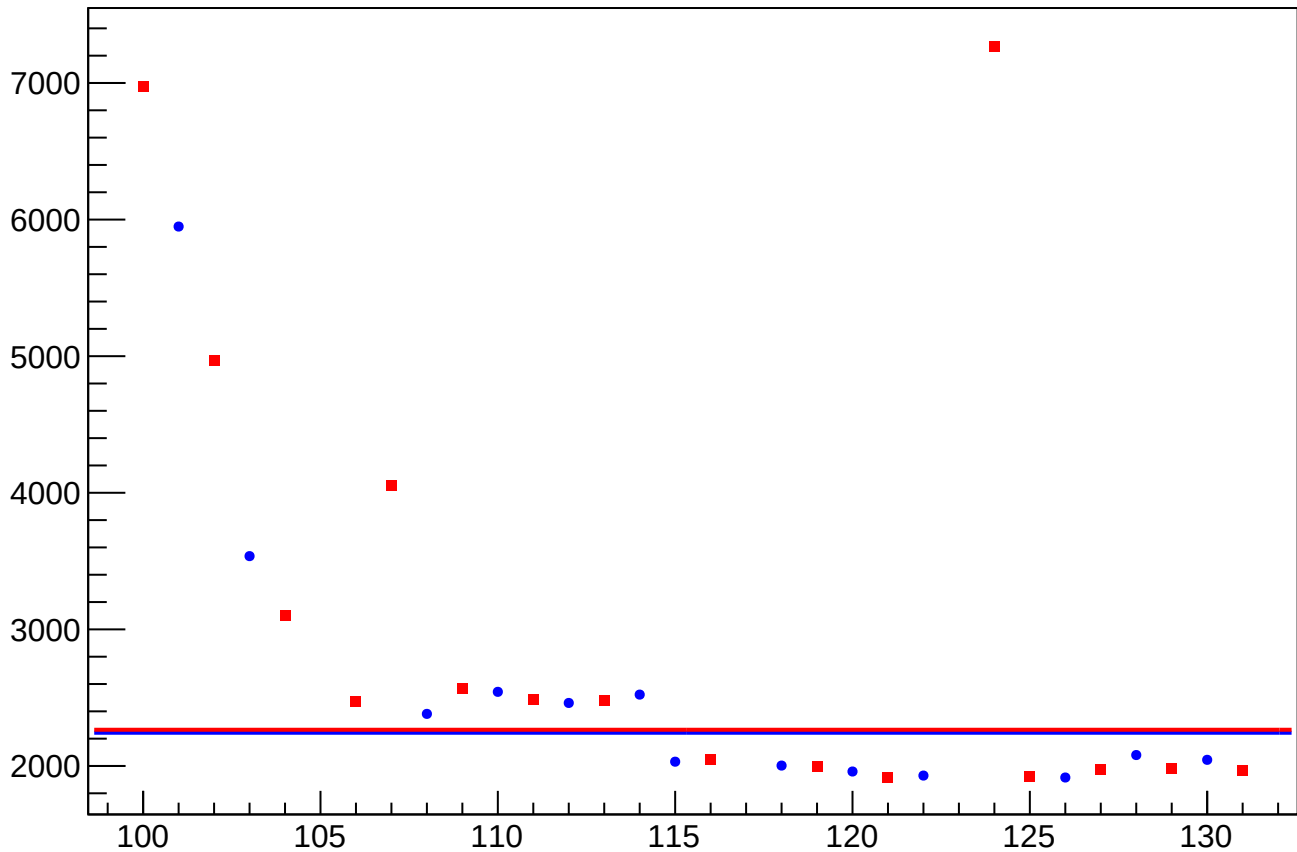
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 409.971+/-681.028 χ^2/NDF : 24.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_rms vs Slug



Right In: 2243.311+/-0.699 χ^2/NDF : 788403.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2265.221+/-0.664 χ^2/NDF : 886810.9/15

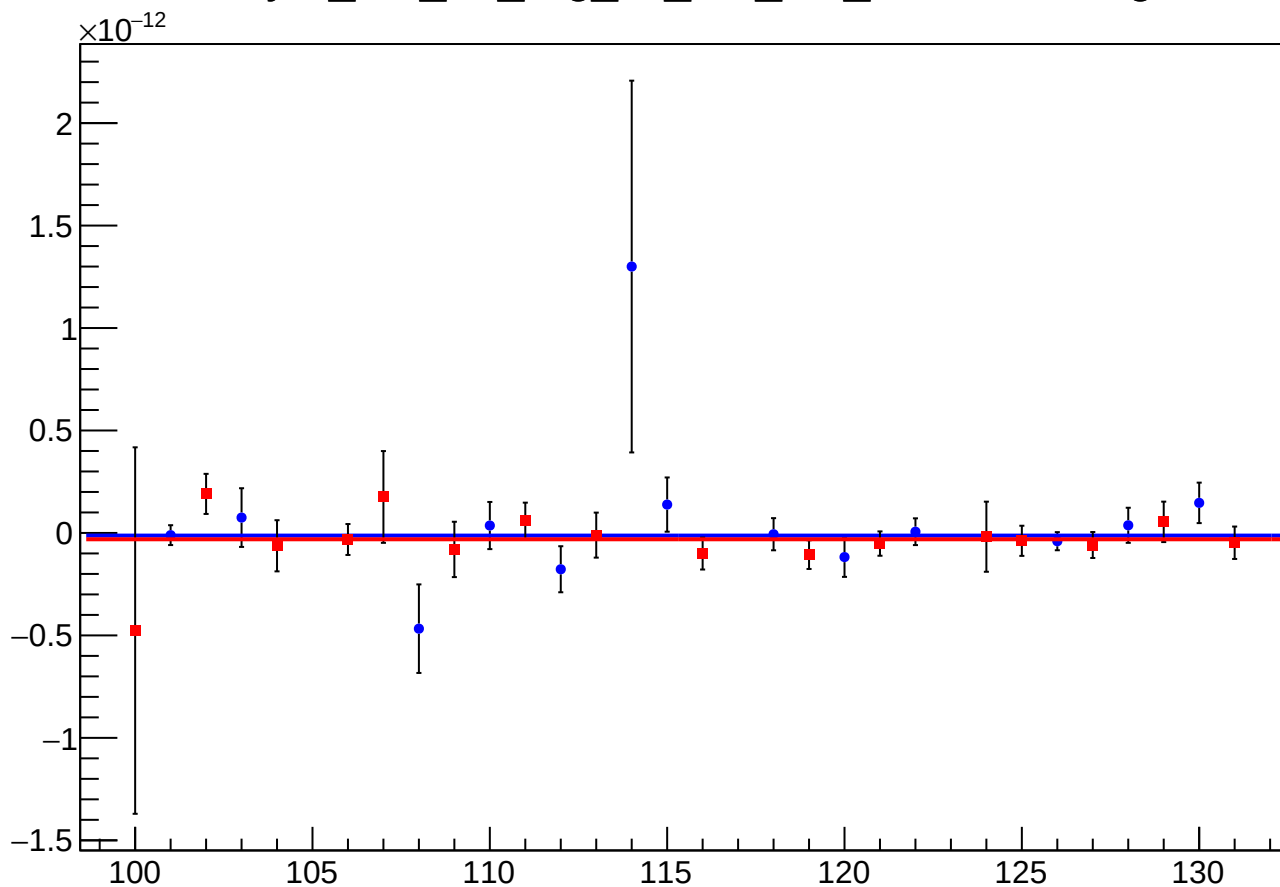
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2254.834+/-0.482 χ^2/NDF : 1675730.1/28

- 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 $\pm$ 0.000 χ^2 /NDF: 15.1/12

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

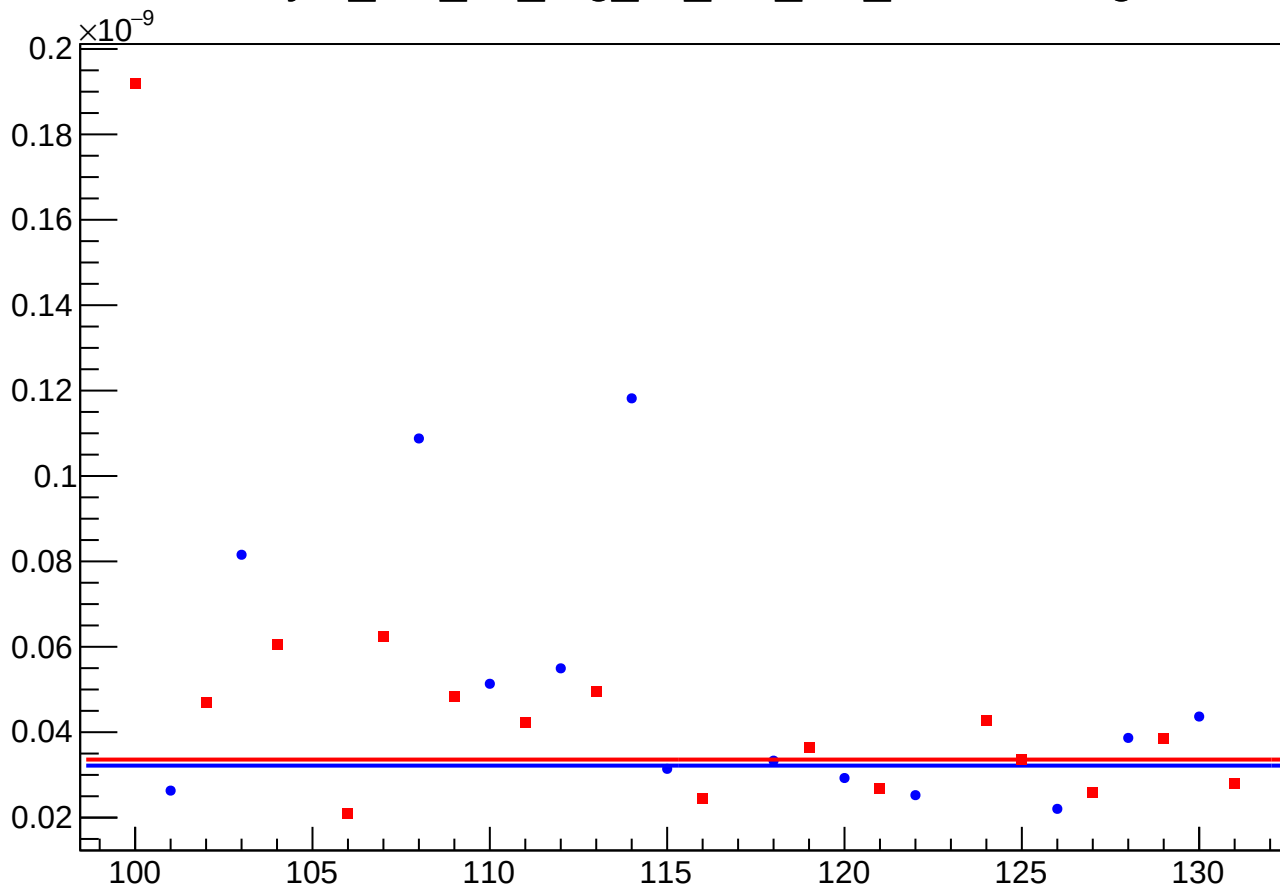
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 26.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 842520.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 476774.3/15

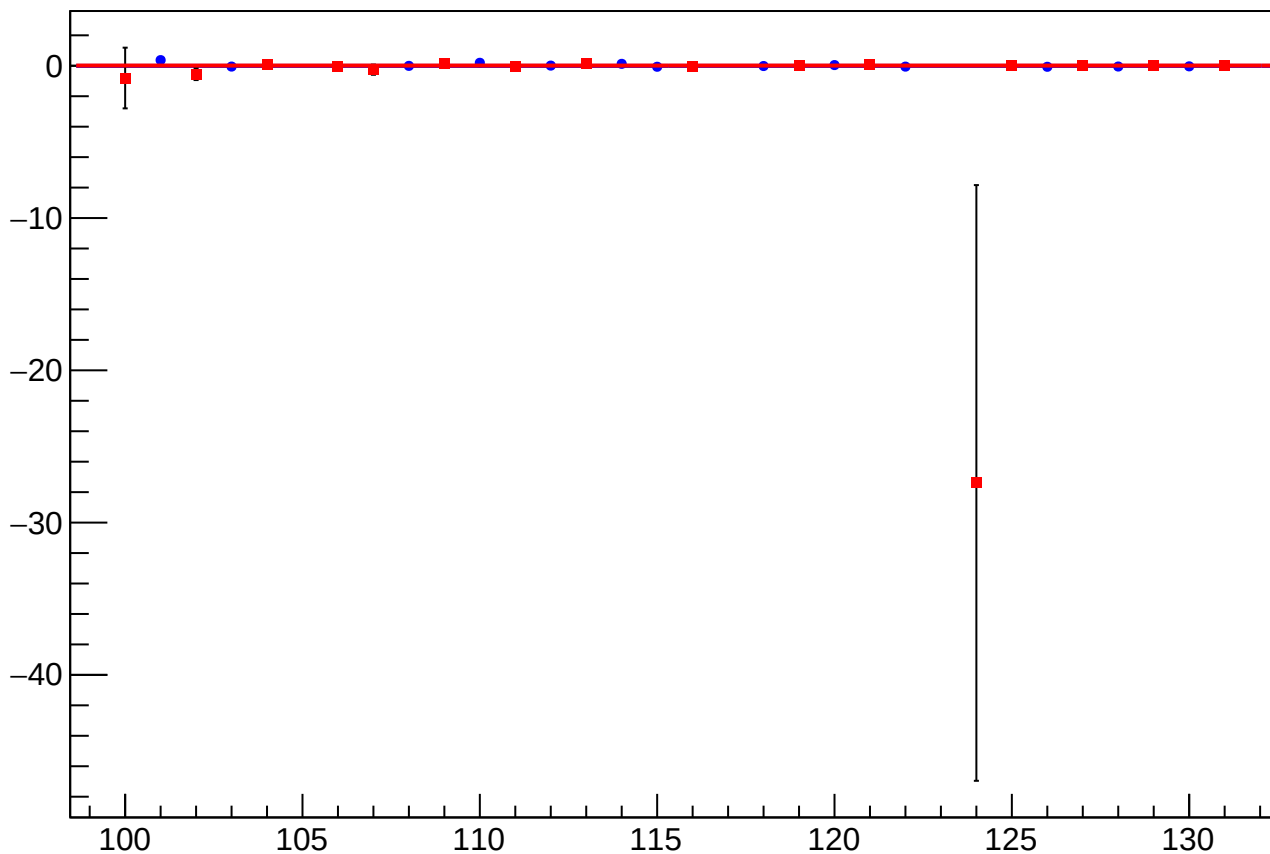
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 1323281.1/28

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_at1_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.008 $\pm$ 0.018 χ^2 /NDF: 17.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.013 $\pm$ 0.017 χ^2 /NDF: 11.5/15

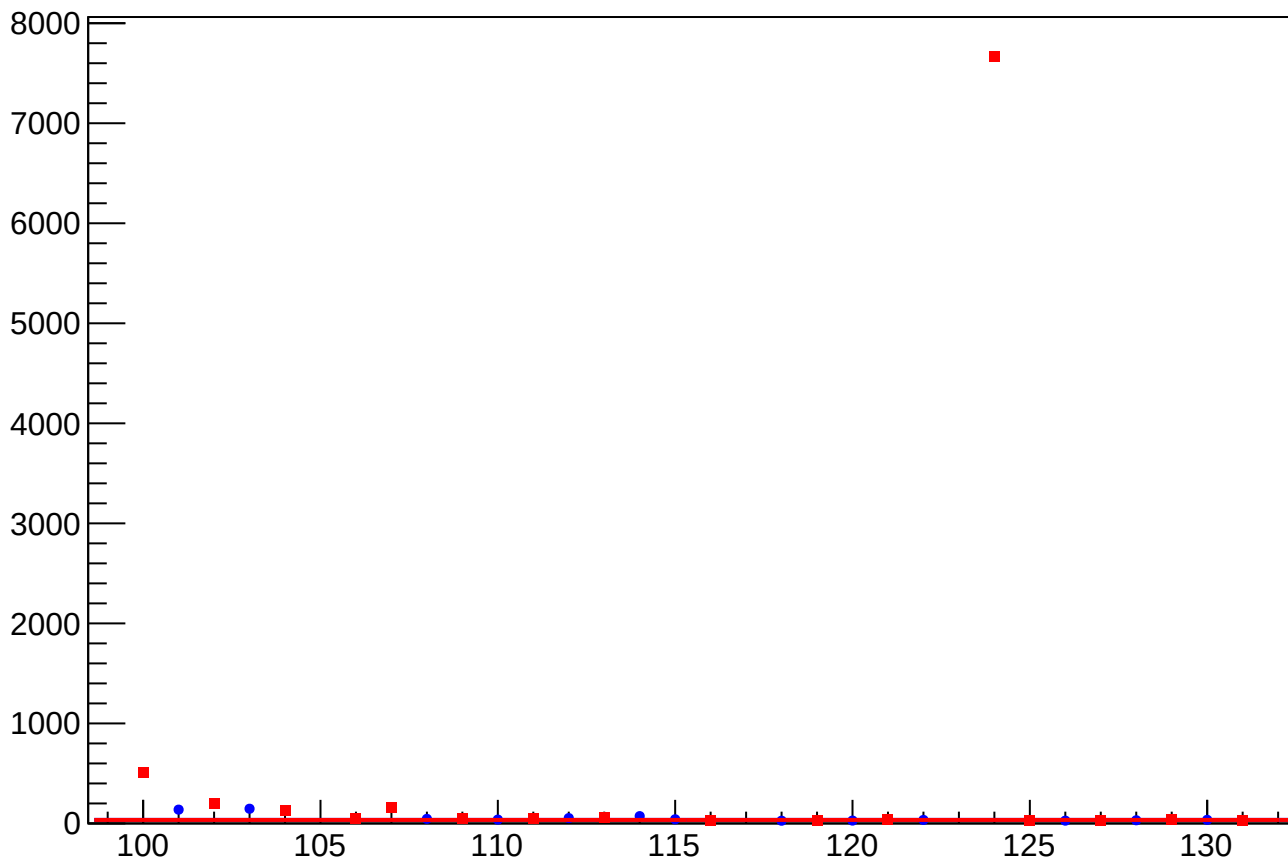
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.012 χ^2 /NDF: 29.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_dit_vs_cor_diff_rms vs Slug



Right In: 35.625+/-0.013 χ^2/NDF : 1649437.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.137+/-0.012 χ^2/NDF : 1953348.6/15

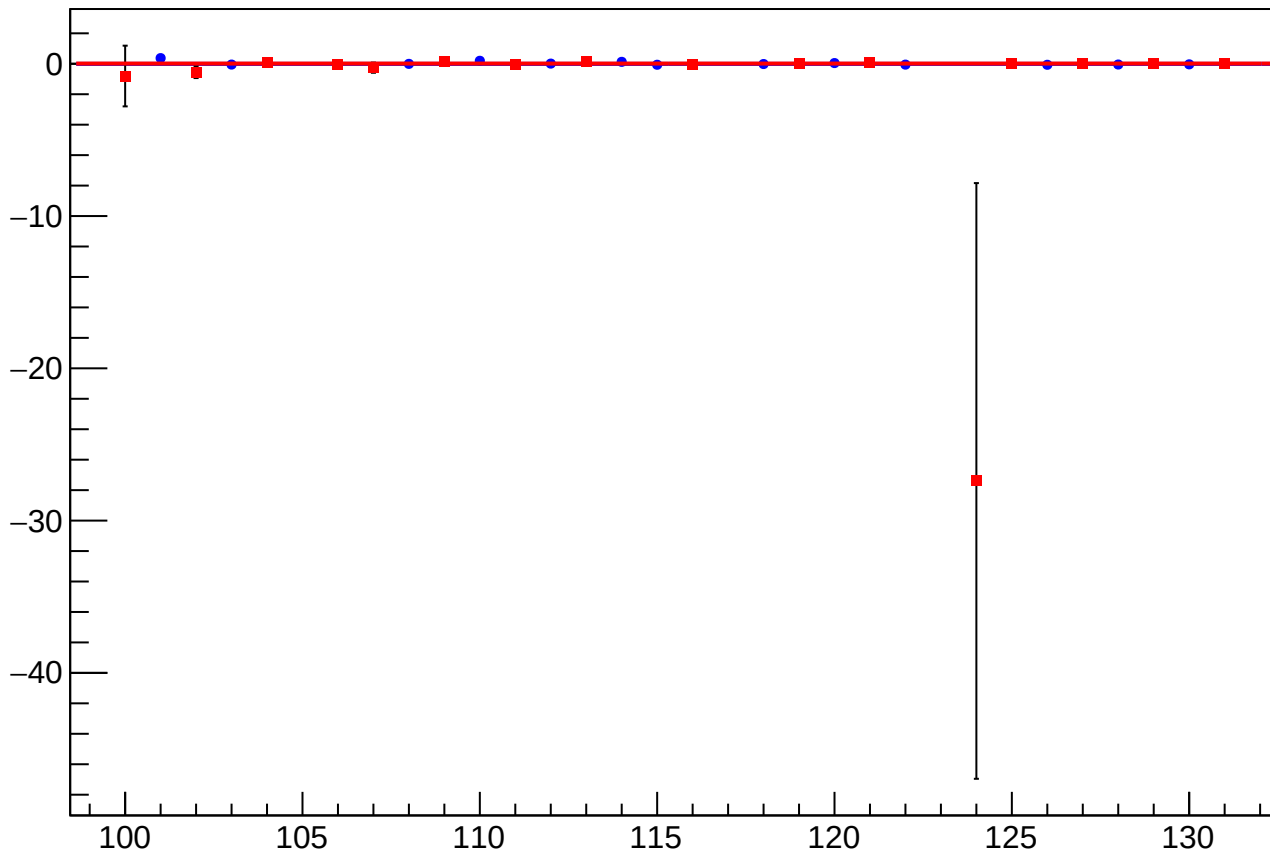
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.373+/-0.009 χ^2/NDF : 3603549.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.008 $\pm$ 0.018 χ^2 /NDF: 17.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.013 $\pm$ 0.017 χ^2 /NDF: 11.5/15

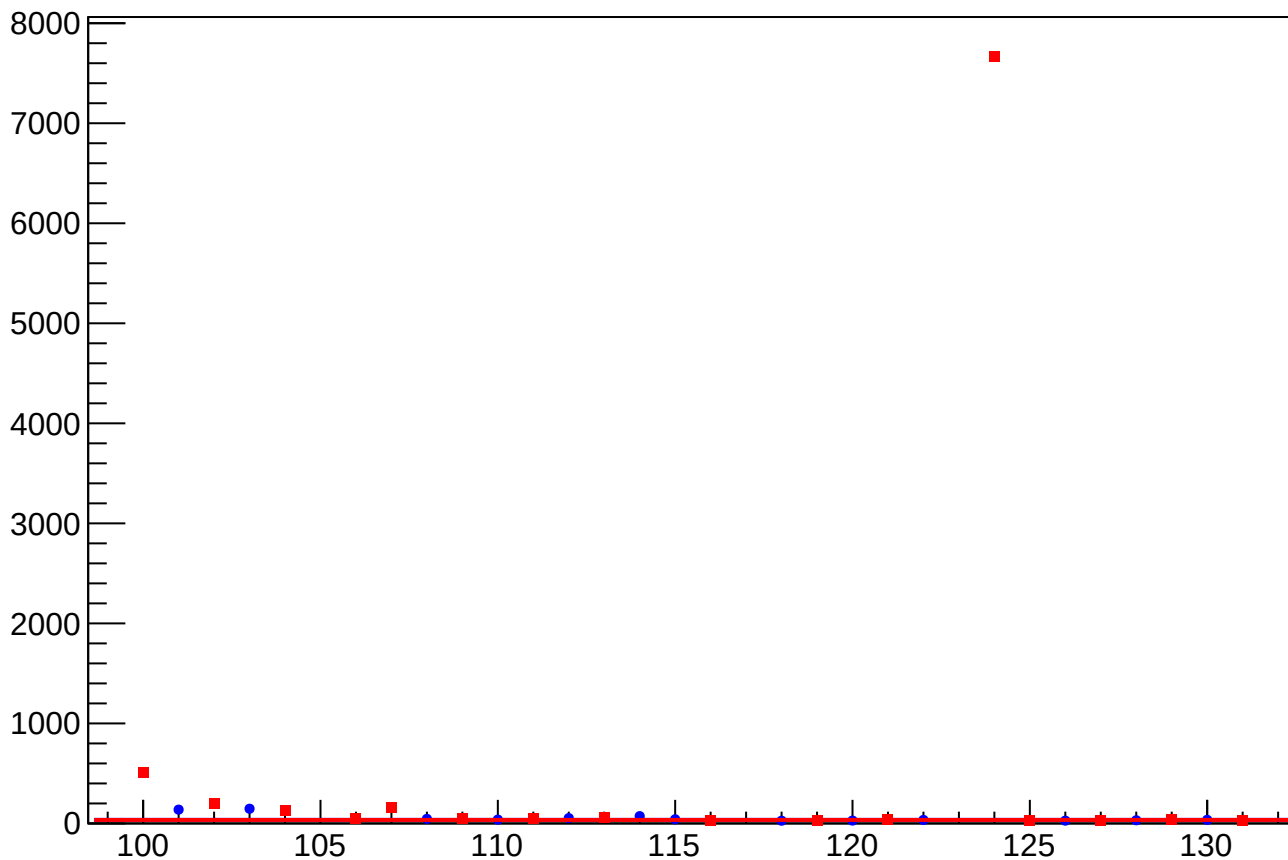
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.012 χ^2 /NDF: 29.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 35.625 $\pm$ 0.013 χ^2 /NDF: 1649437.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 35.137 $\pm$ 0.012 χ^2 /NDF: 1953348.6/15

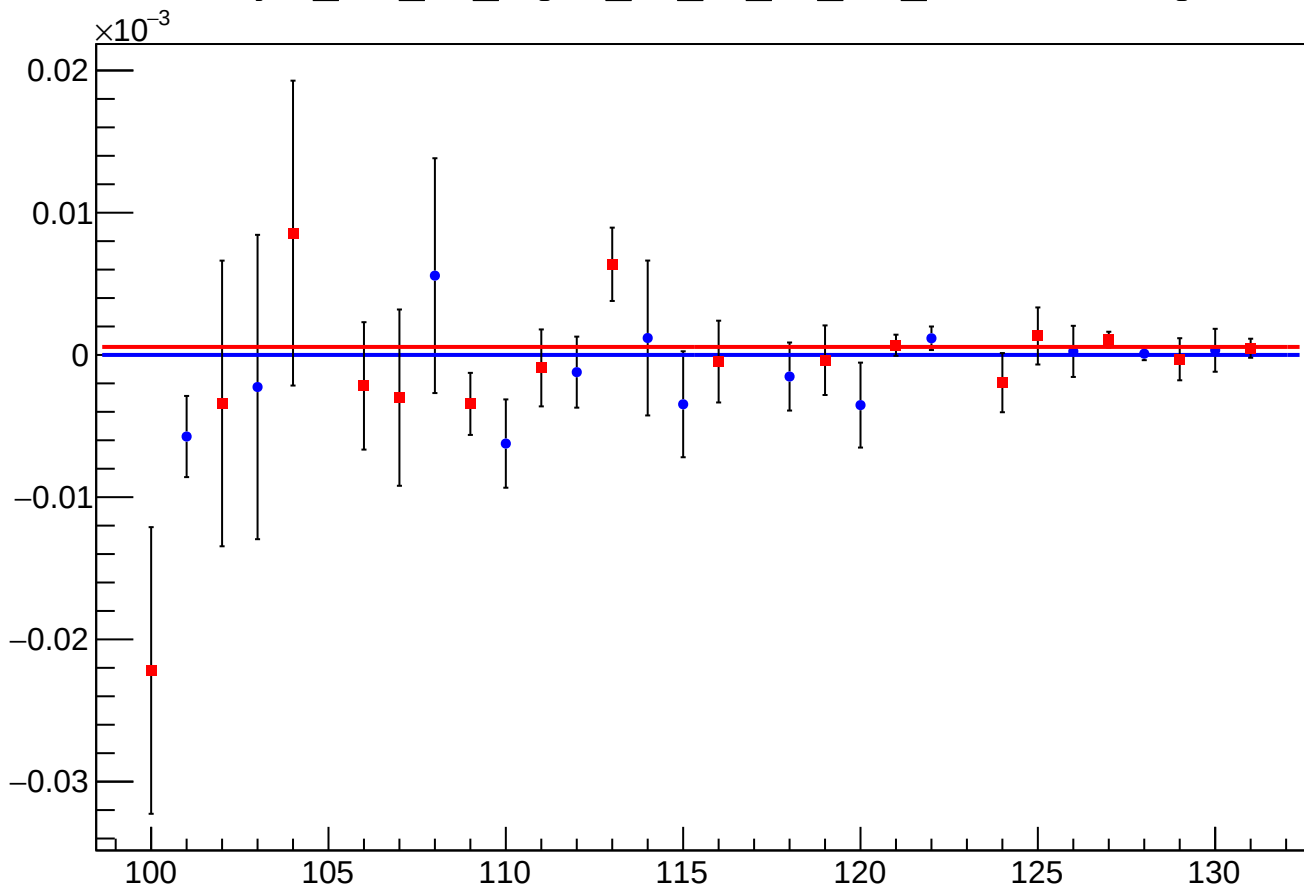
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.373 $\pm$ 0.009 χ^2 /NDF: 3603549.0/28

- 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 $\pm$ 0.000 χ^2 /NDF: 13.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.4/15

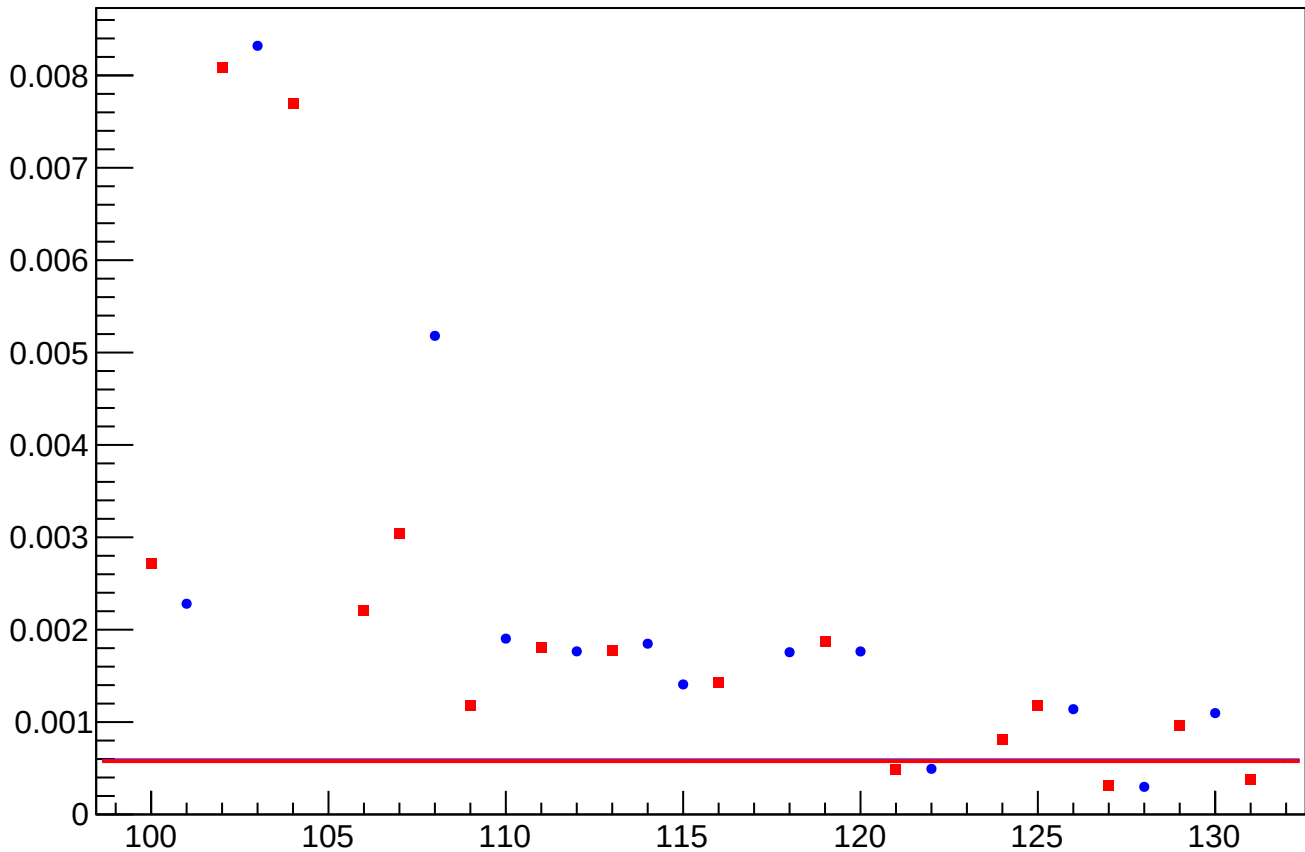
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 33.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 5407709.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 5413428.8/15

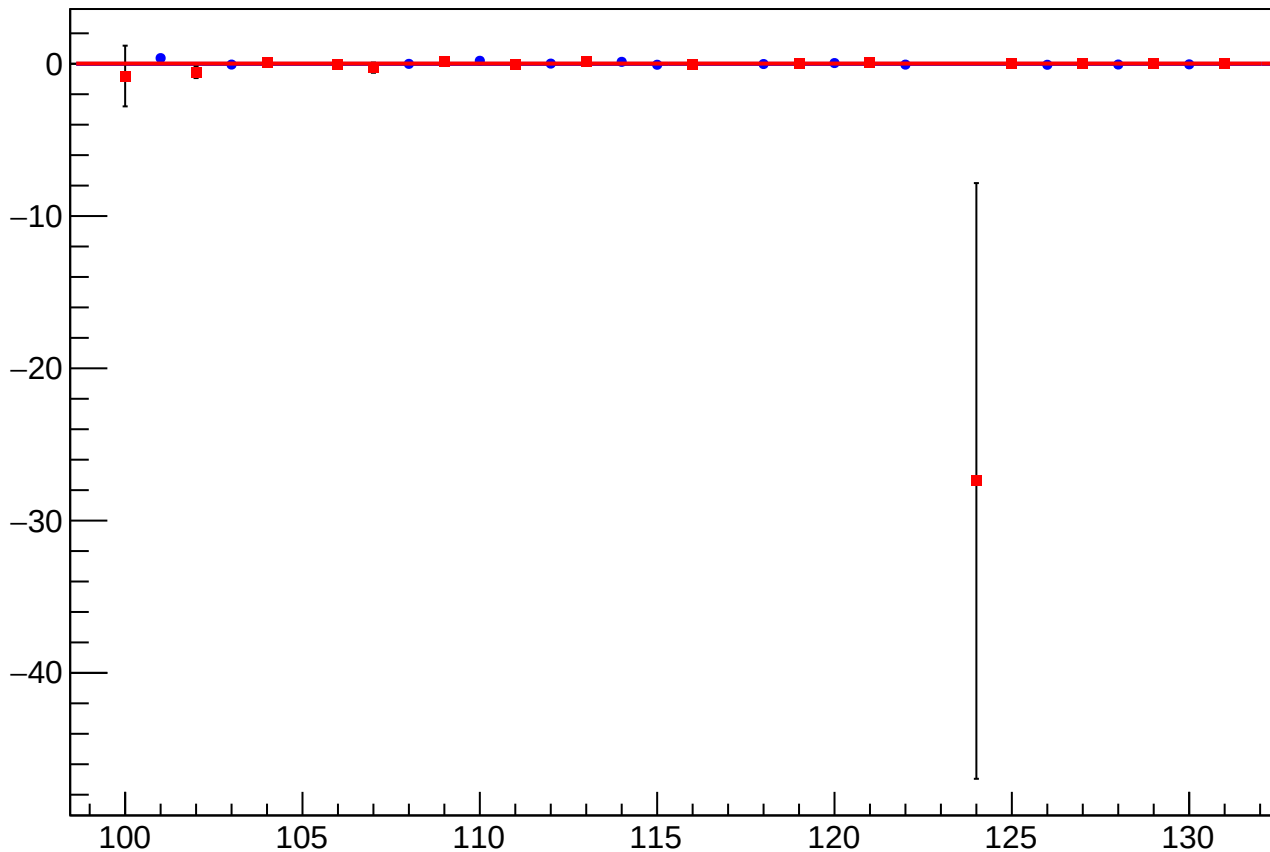
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 10821527.4/28

- 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 $\pm$ 0.018 χ^2 /NDF: 17.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.013 $\pm$ 0.017 χ^2 /NDF: 11.5/15

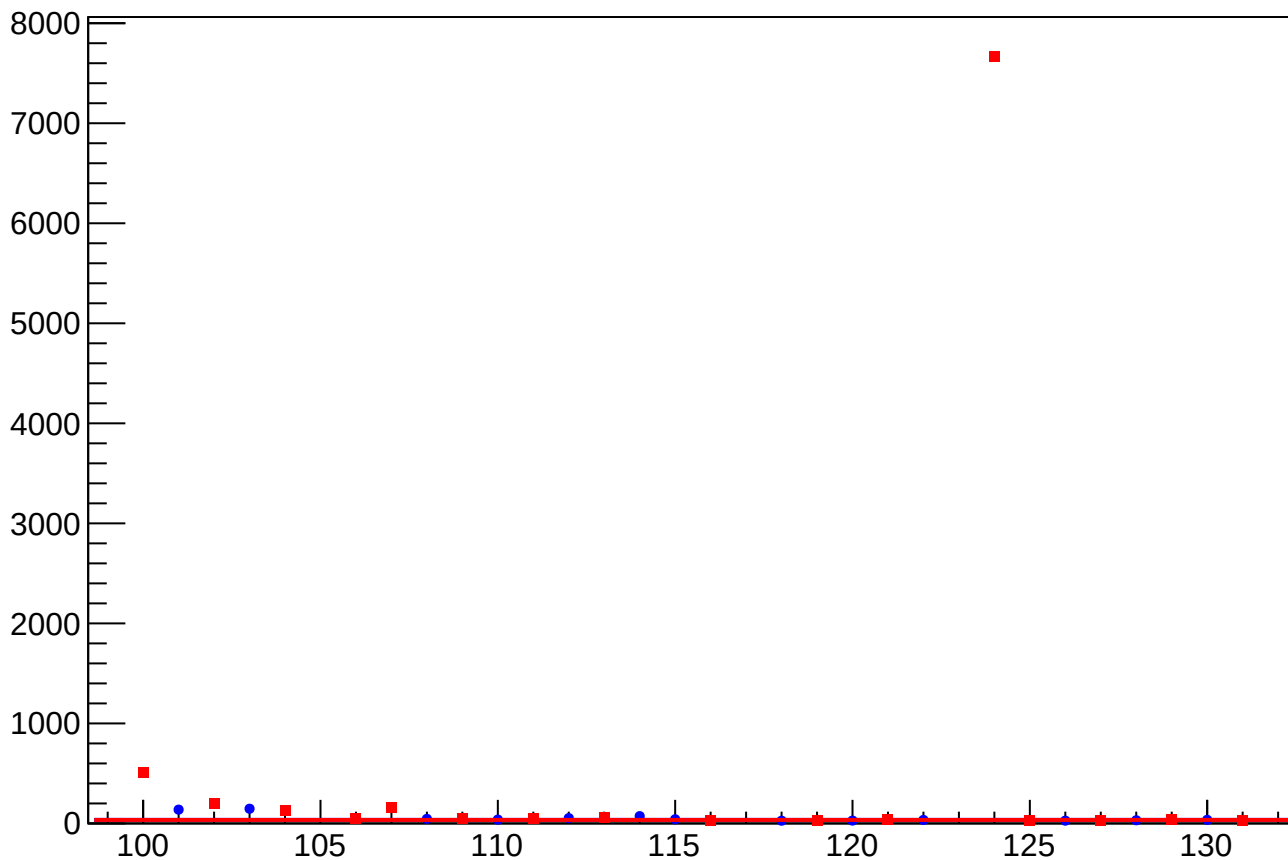
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.012 χ^2 /NDF: 29.6/28

- 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: 35.625+/-0.013 χ^2 /NDF: 1649413.3/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 35.136+/-0.012 χ^2 /NDF: 1953338.9/15

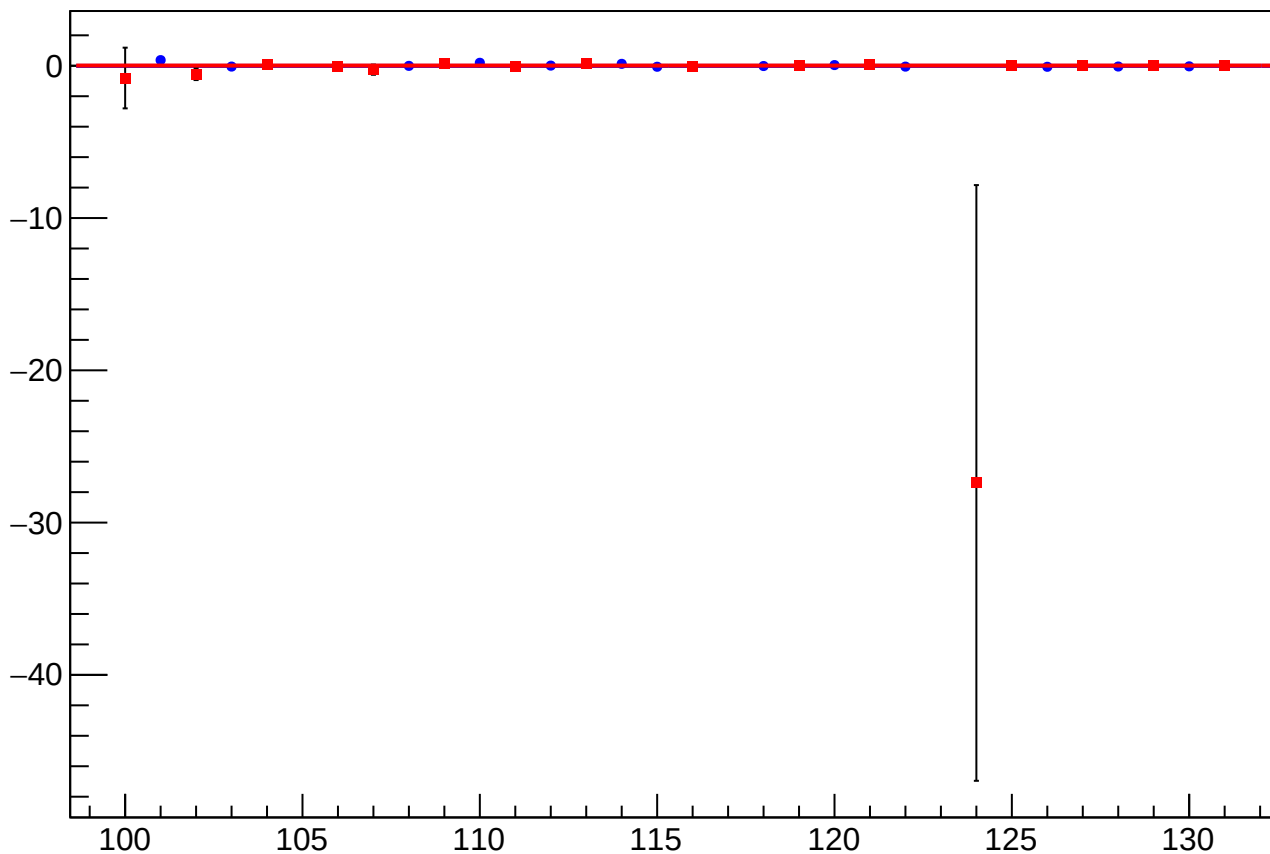
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 35.373+/-0.009 χ^2 /NDF: 3603516.2/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.008 ± 0.018 χ^2/NDF : 17.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.013 ± 0.017 χ^2/NDF : 11.5/15

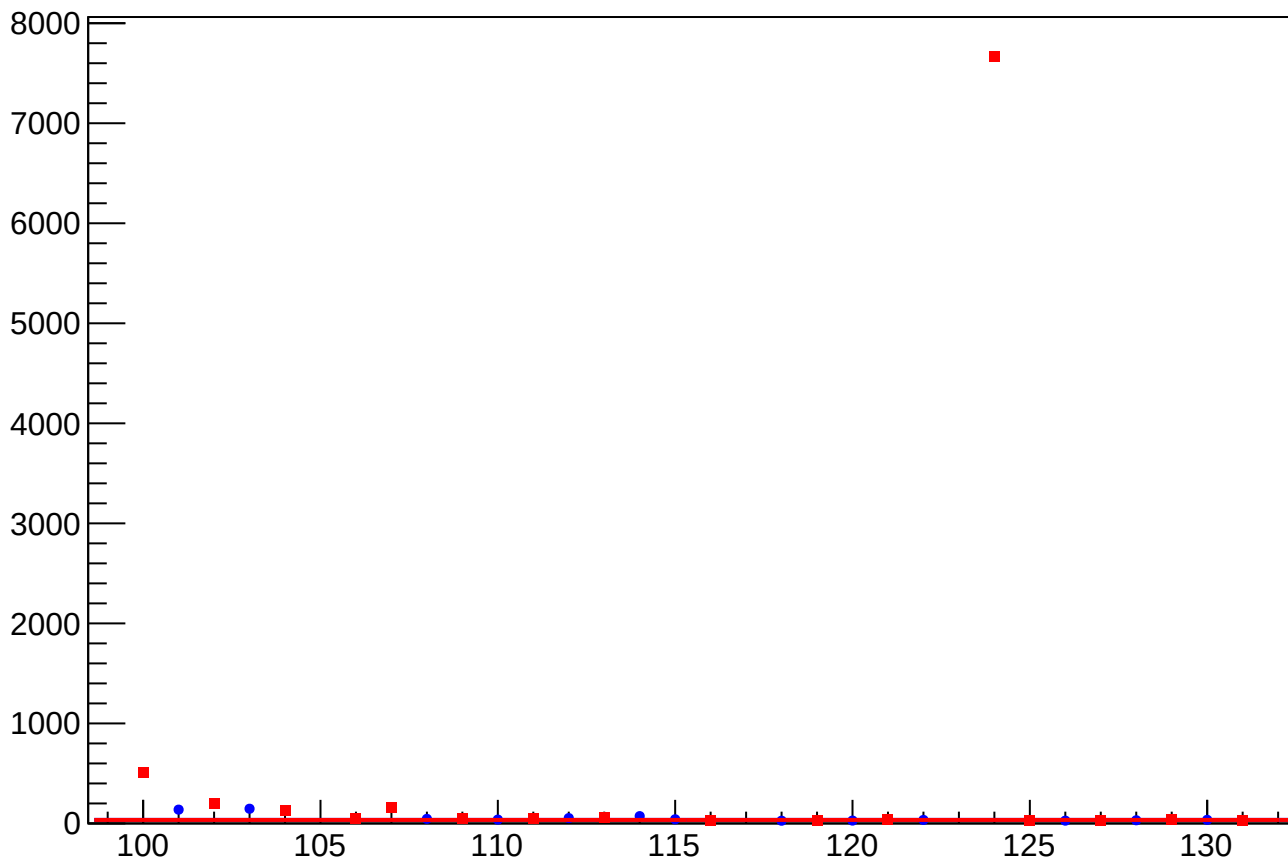
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.003 ± 0.012 χ^2/NDF : 29.6/28

- 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: 35.625+/-0.013 χ^2 /NDF: 1649413.3/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 35.136+/-0.012 χ^2 /NDF: 1953338.9/15

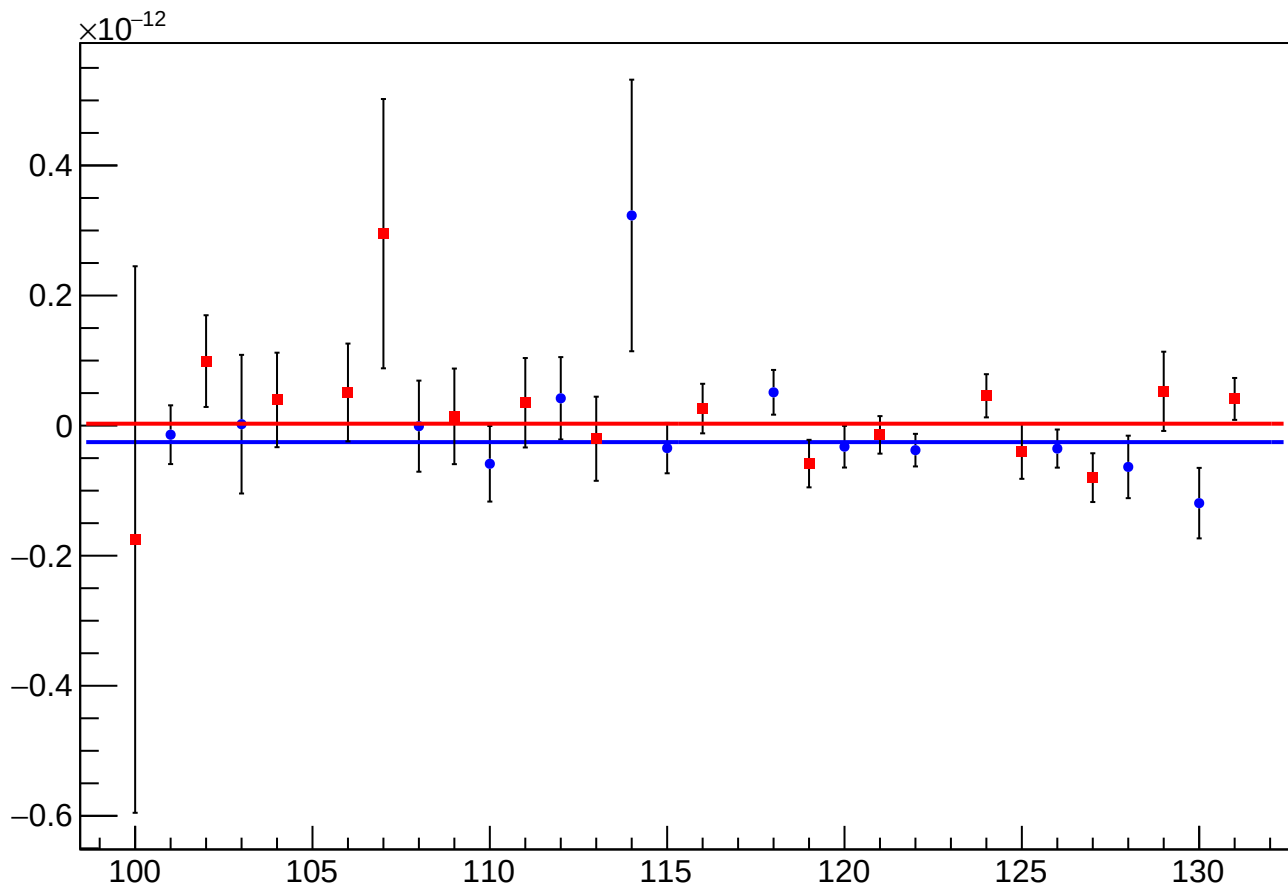
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 35.373+/-0.009 χ^2 /NDF: 3603516.2/28

- sign 0.000+/-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 : 13.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 18.2/15

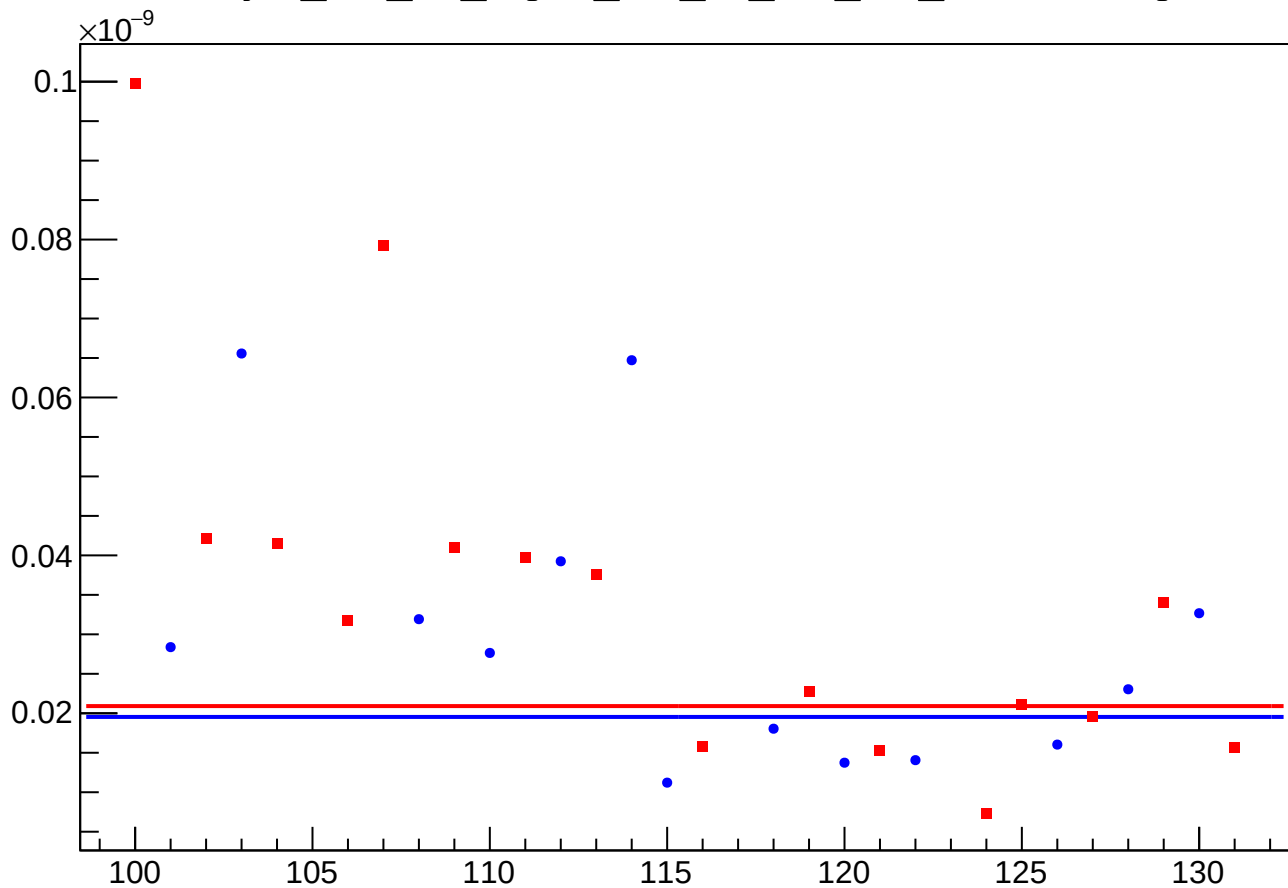
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 34.7/28

- 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+/-0.000 χ^2/NDF : 1252432.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1645852.9/15

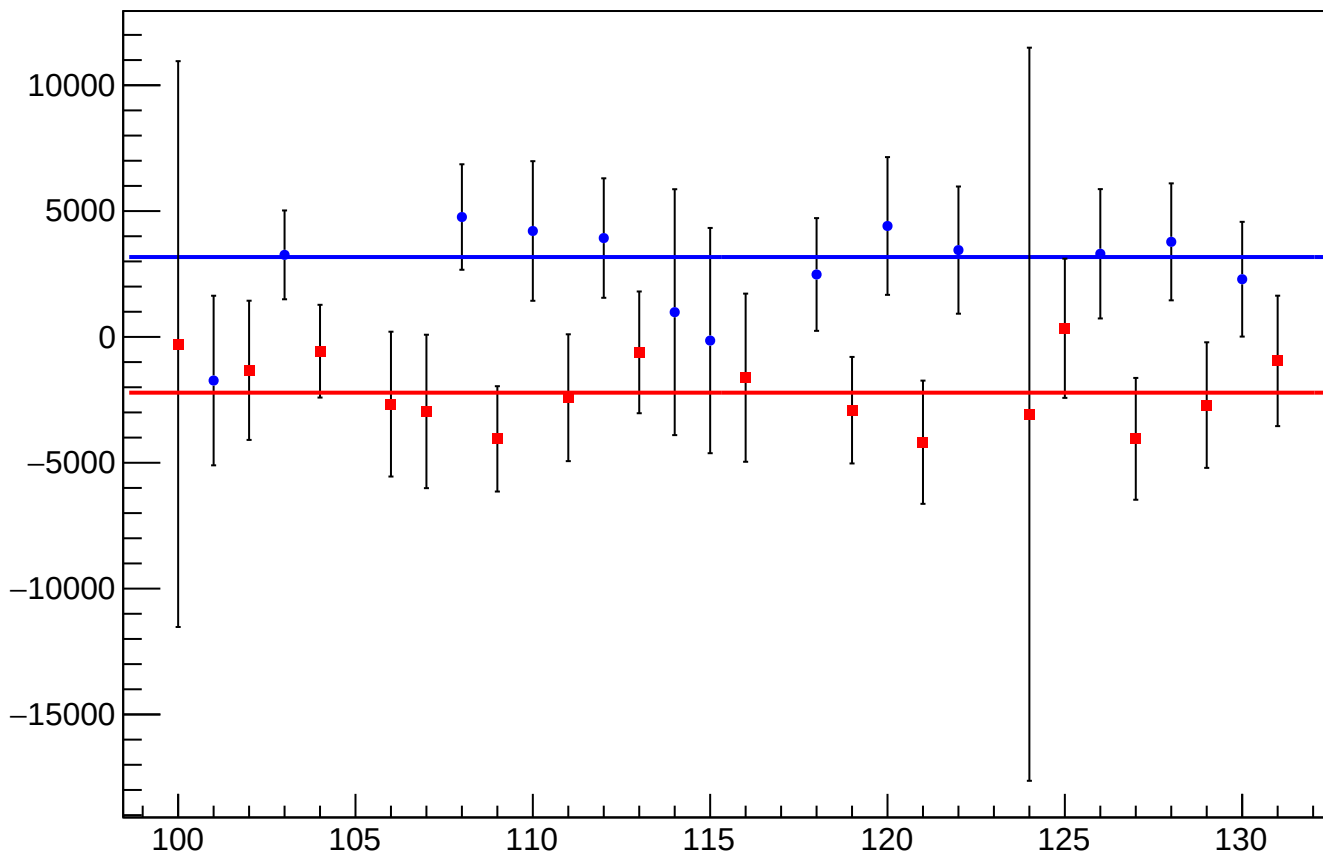
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2912108.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_mean vs Slug



Right In: 3174.001 $\pm$ 697.608 χ^2 /NDF: 4.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2215.039 $\pm$ 657.389 χ^2 /NDF: 4.7/15

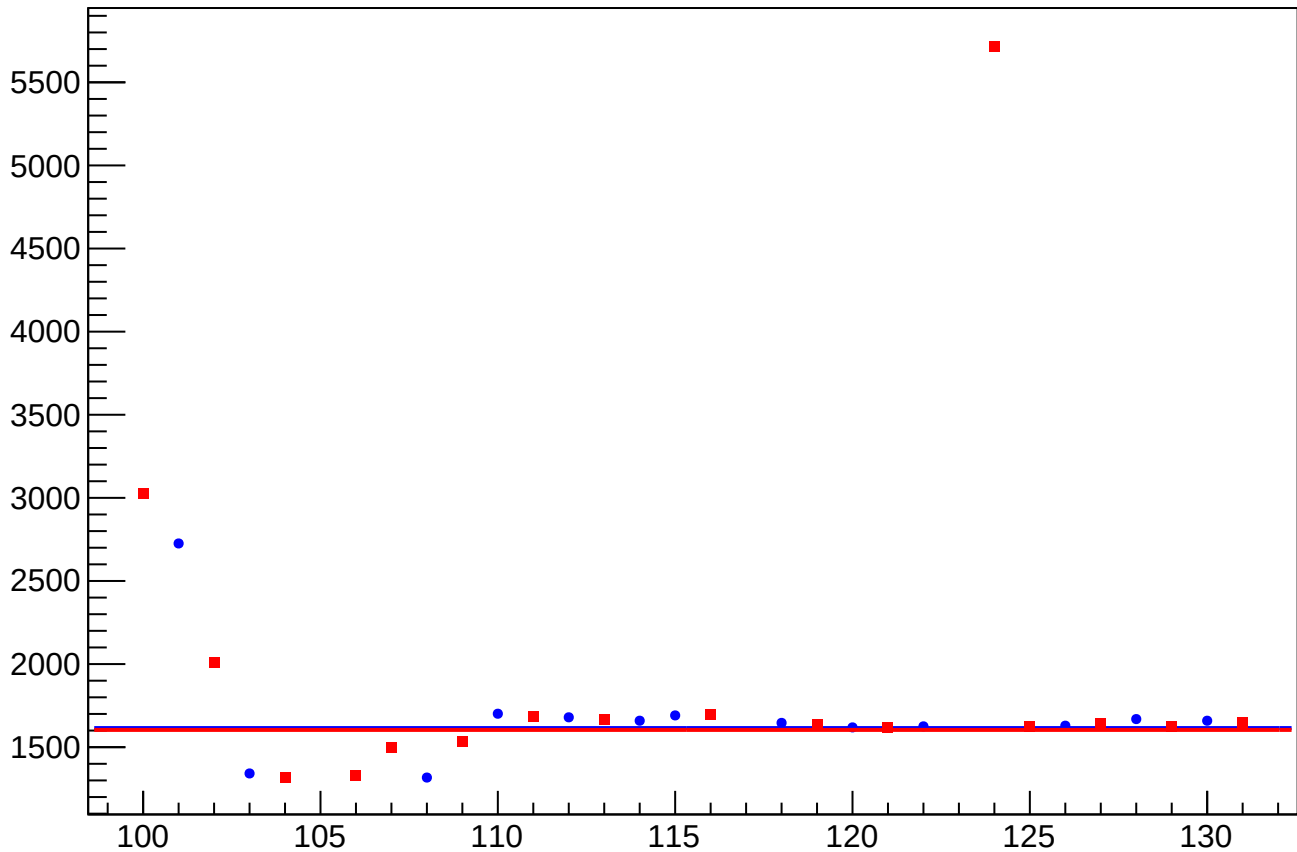
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 319.665 $\pm$ 478.431 χ^2 /NDF: 40.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_avg_rms vs Slug



Right In: 1614.919+/-0.493 χ^2/NDF : 312084.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1603.935+/-0.465 χ^2/NDF : 311431.3/15

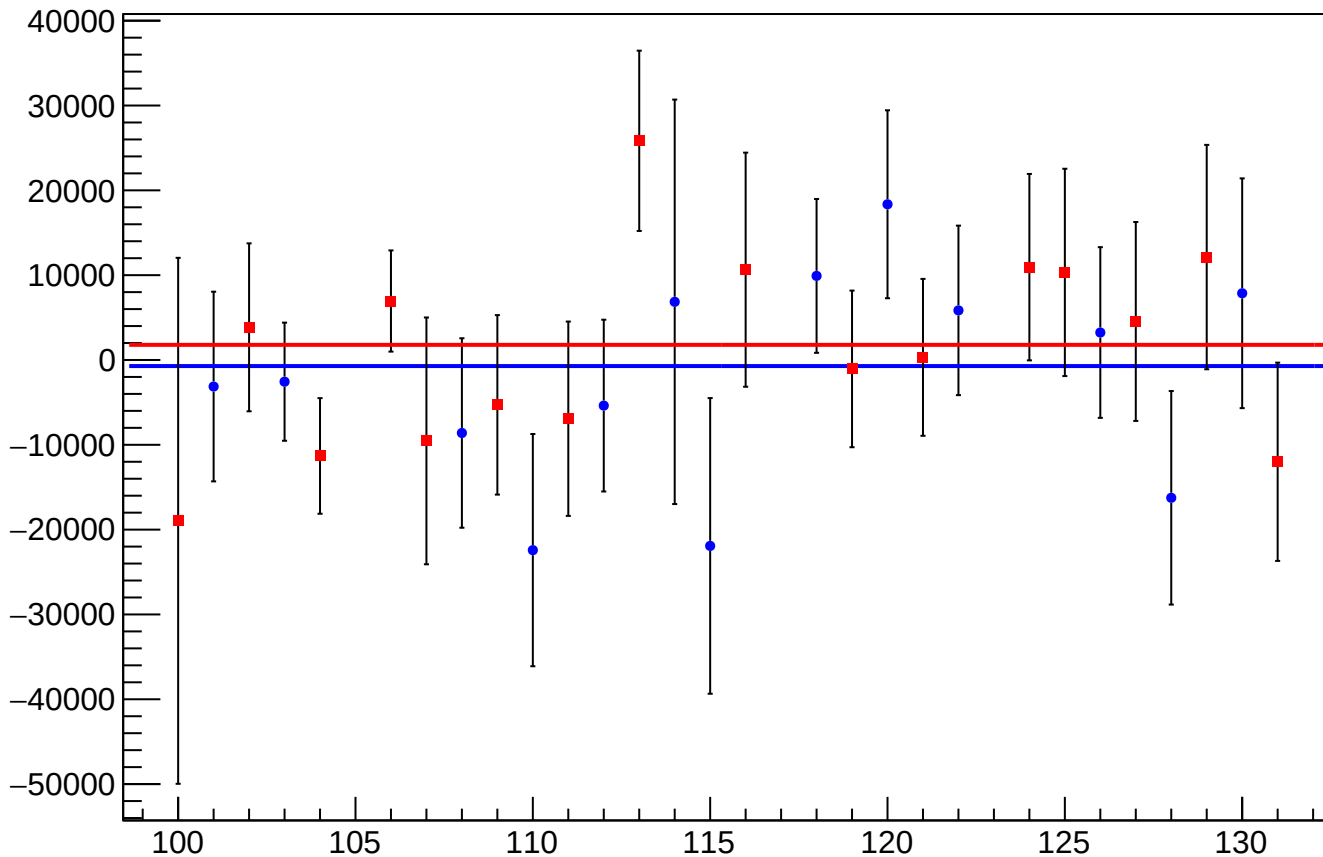
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1609.101+/-0.338 χ^2/NDF : 623778.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_reg_correction_mean vs Slug



Right In: -717.283 ± 3032.562 χ^2/NDF : 11.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

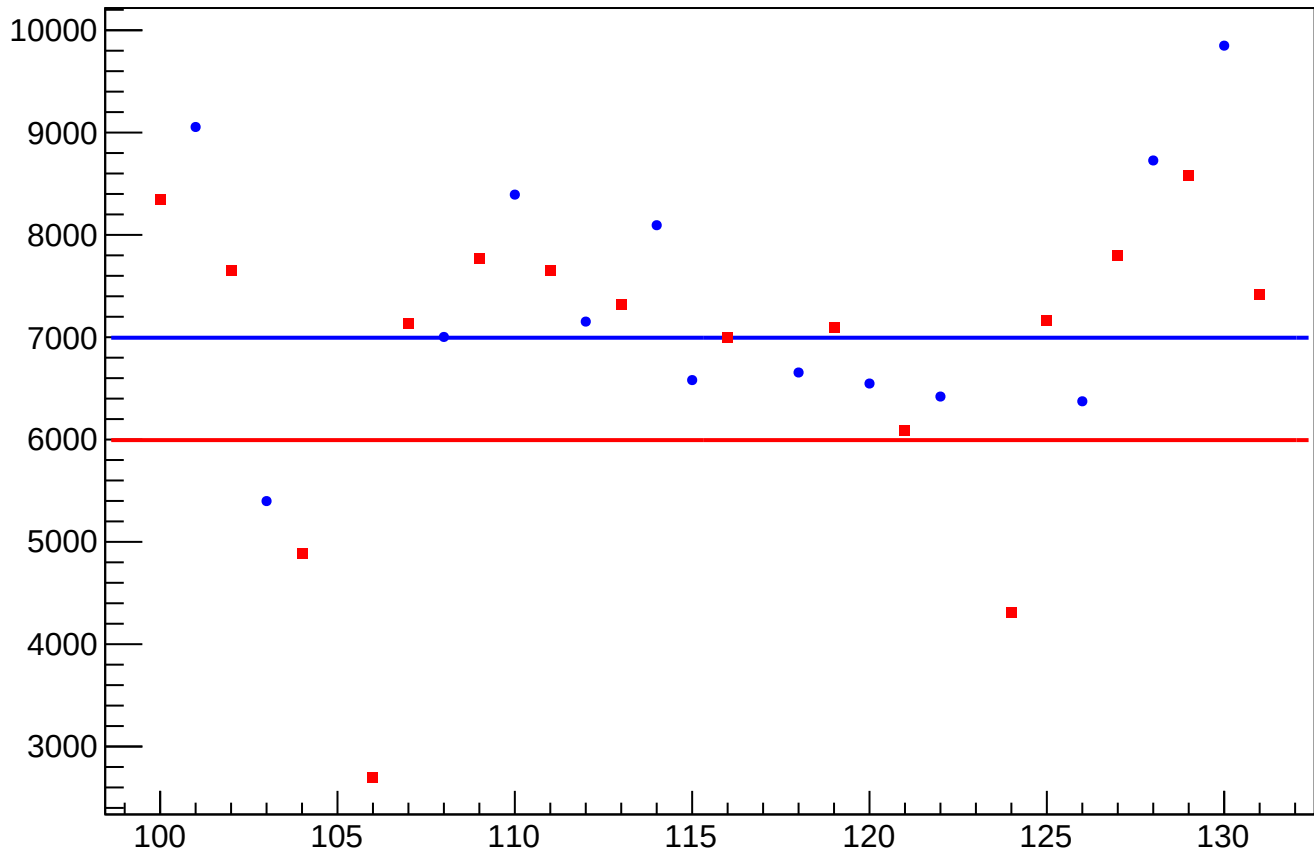
Right Out: 1784.852 ± 2540.363 χ^2/NDF : 15.5/15

All: 753.061 ± 1947.377 χ^2/NDF : 27.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at2_avg_reg_correction_rms vs Slug



Right In: 6995.110+/-2.144 χ^2/NDF : 346739.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

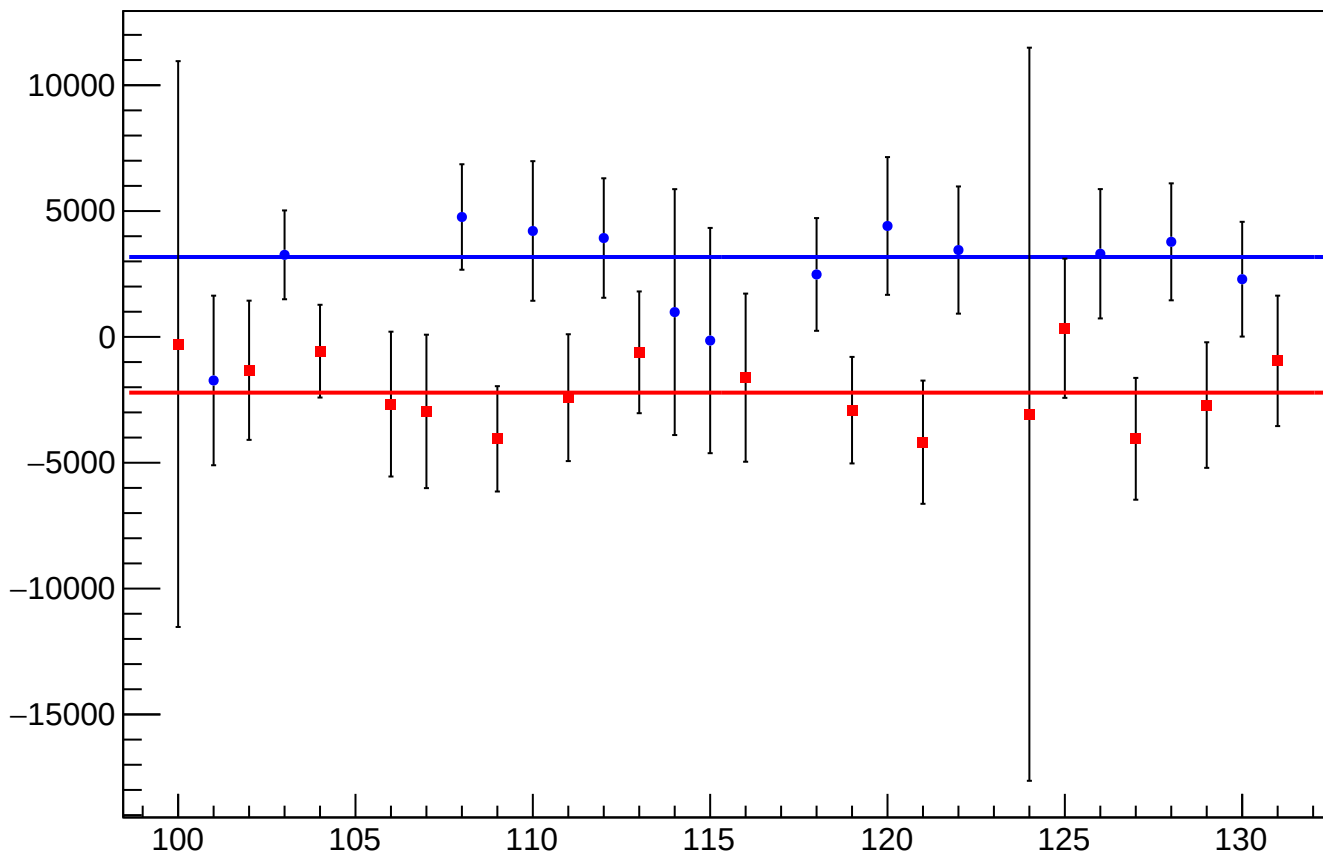
Right Out: 5994.496+/-1.796 χ^2/NDF : 1131249.5/15

All: 6407.113+/-1.377 χ^2/NDF : 1605942.9/28

- 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: 3174.142 $\pm$ 697.608 χ^2 /NDF: 4.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2214.812 $\pm$ 657.389 χ^2 /NDF: 4.7/15

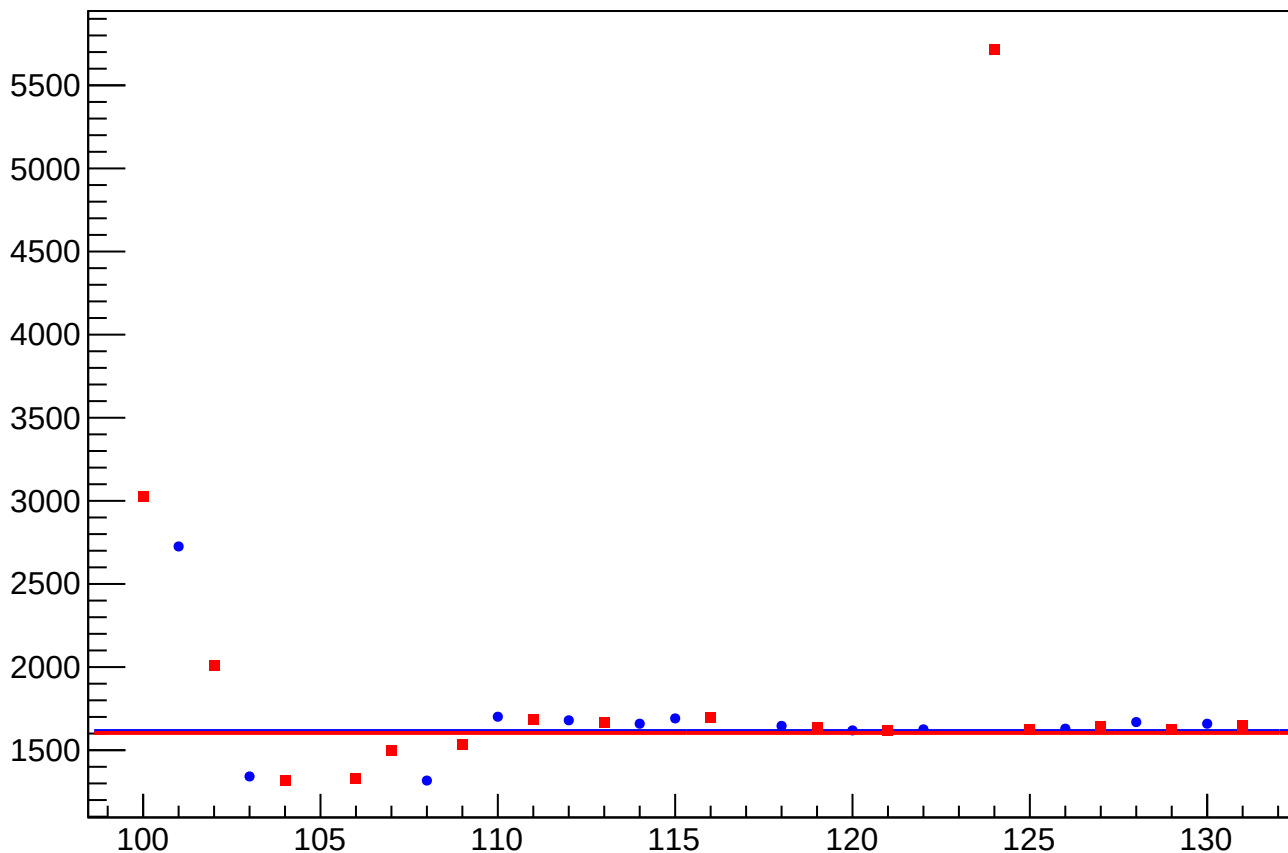
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 319.852 $\pm$ 478.431 χ^2 /NDF: 40.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_at2_avg_rms vs Slug



Right In: 1614.919+/-0.493 χ^2/NDF : 312084.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1603.935+/-0.465 χ^2/NDF : 311431.2/15

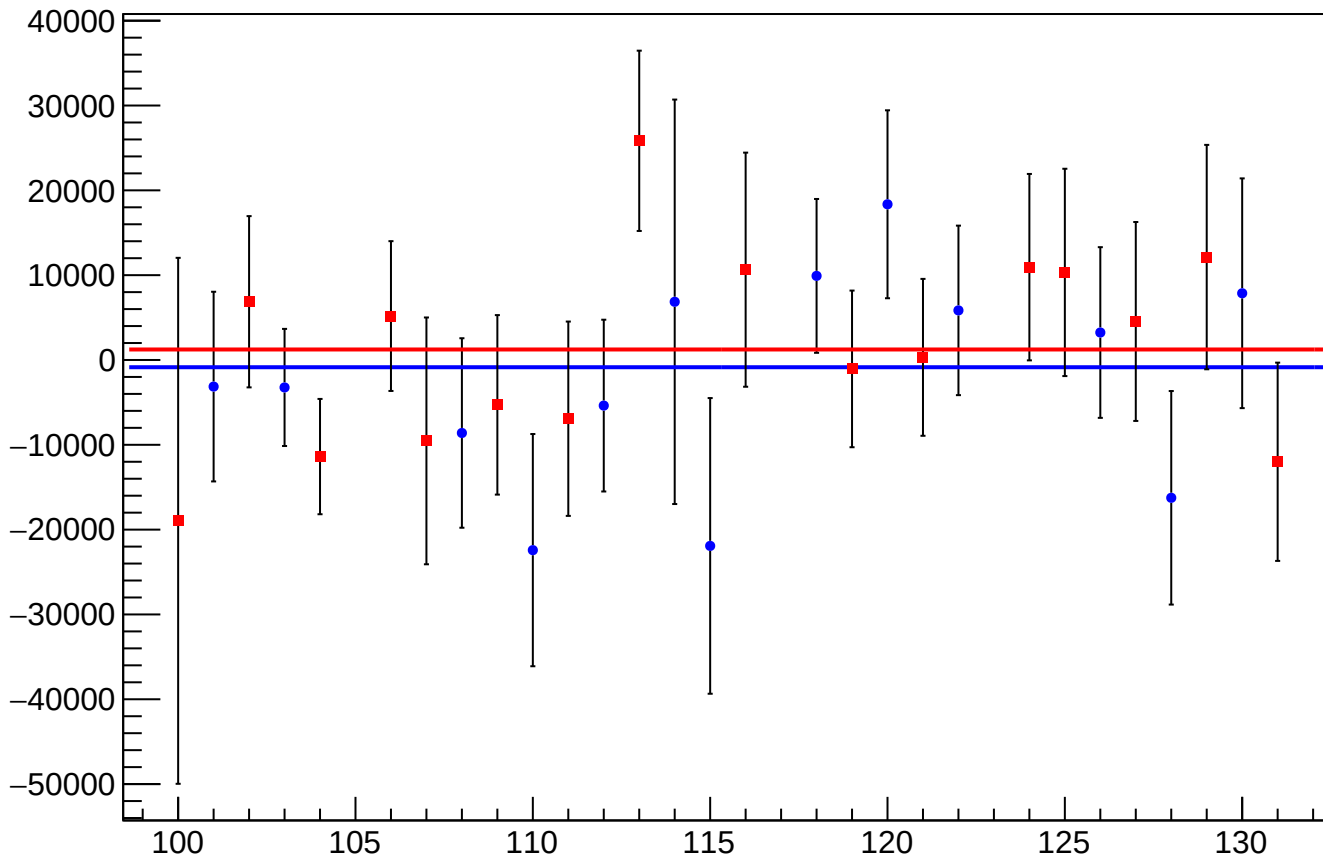
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1609.101+/-0.338 χ^2/NDF : 623778.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_cor_correction_mean vs Slug



Right In: -853.916+/-3027.617 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

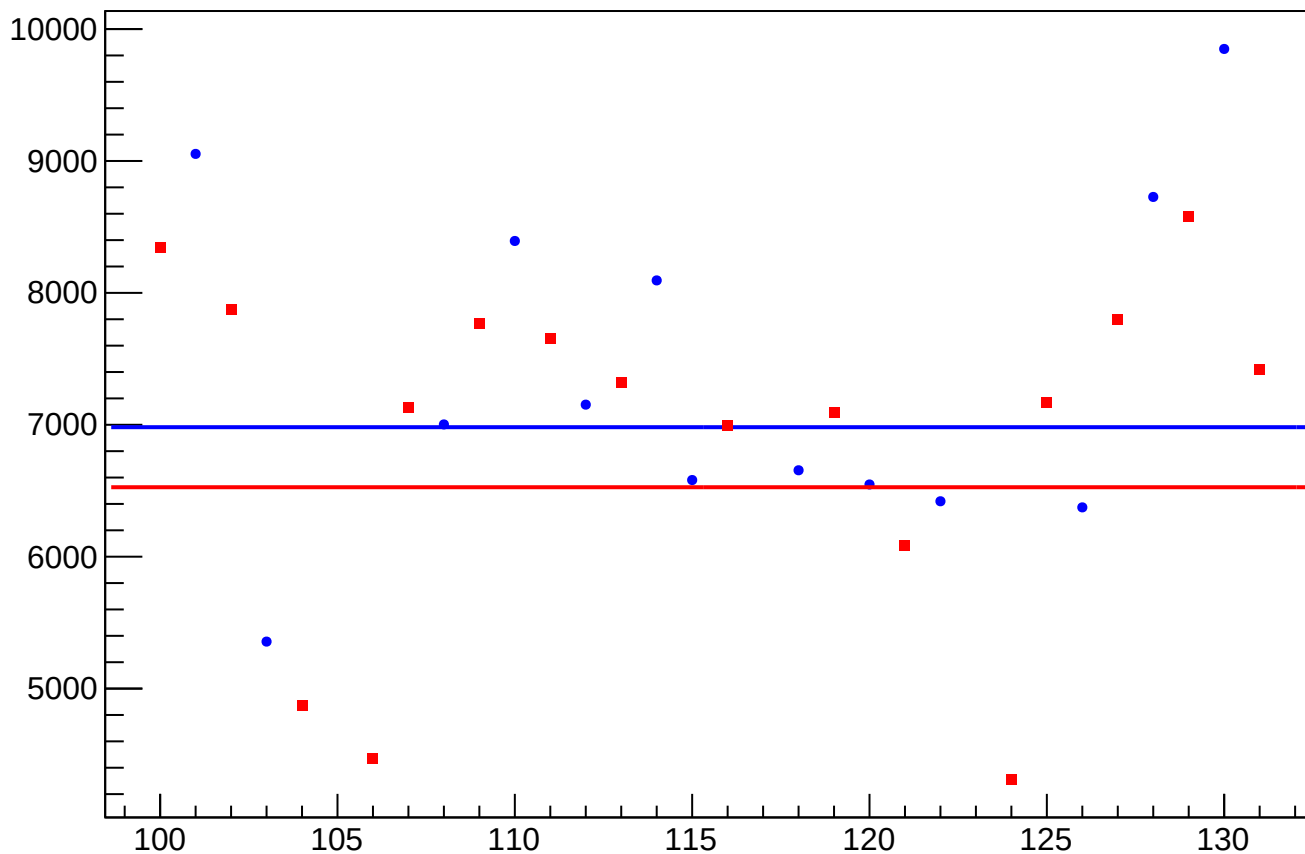
Right Out: 1238.321+/-2678.282 χ^2/NDF : 15.1/15

All: 319.818+/-2006.022 χ^2/NDF : 27.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_cor_correction_rms vs Slug



Right In: 6981.751+/-2.141 χ^2 /NDF: 354208.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 6526.569+/-1.894 χ^2 /NDF: 516042.4/15

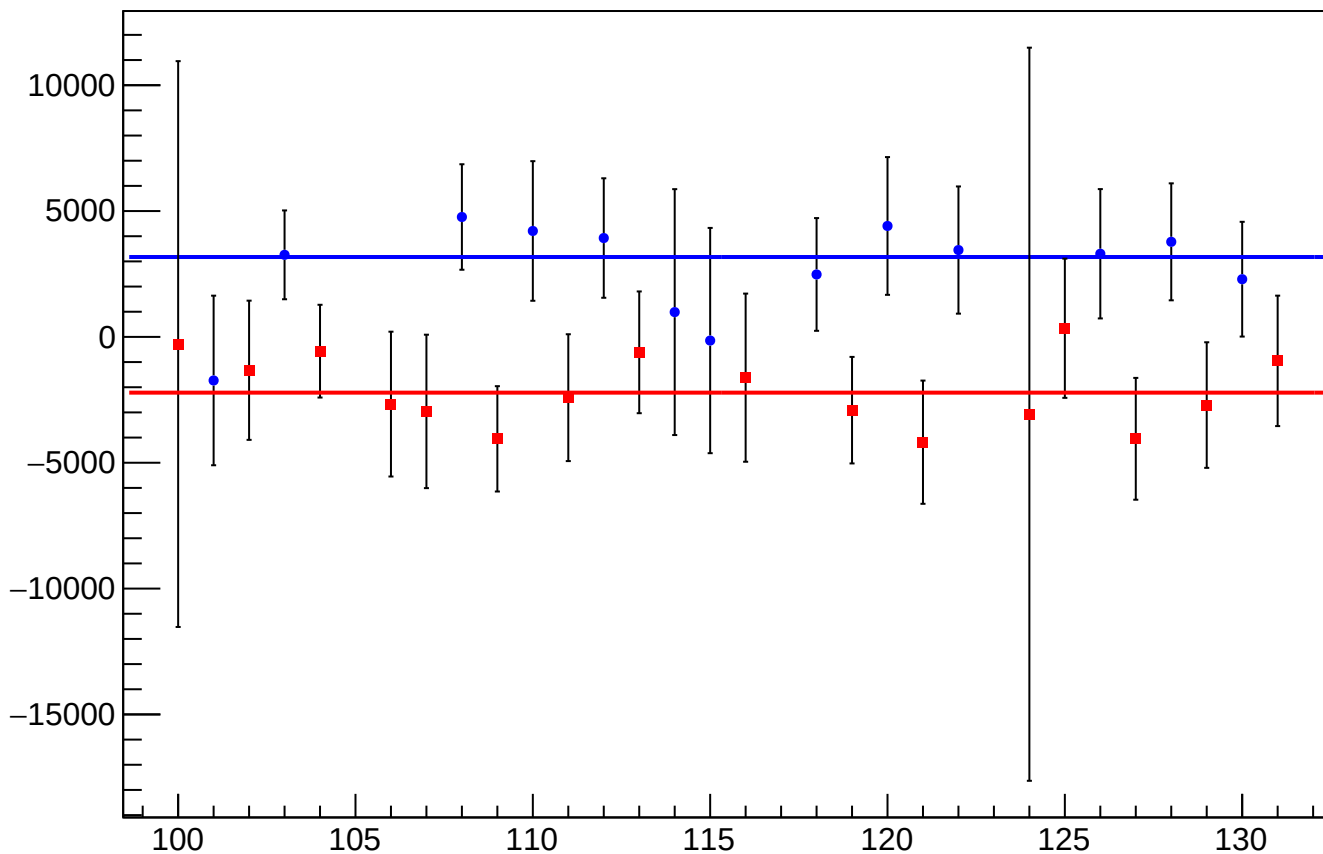
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 6726.396+/-1.418 χ^2 /NDF: 895611.0/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_at2_avg_mean vs Slug



Right In: 3174.142 $\pm$ 697.608 χ^2 /NDF: 4.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2214.812 $\pm$ 657.389 χ^2 /NDF: 4.7/15

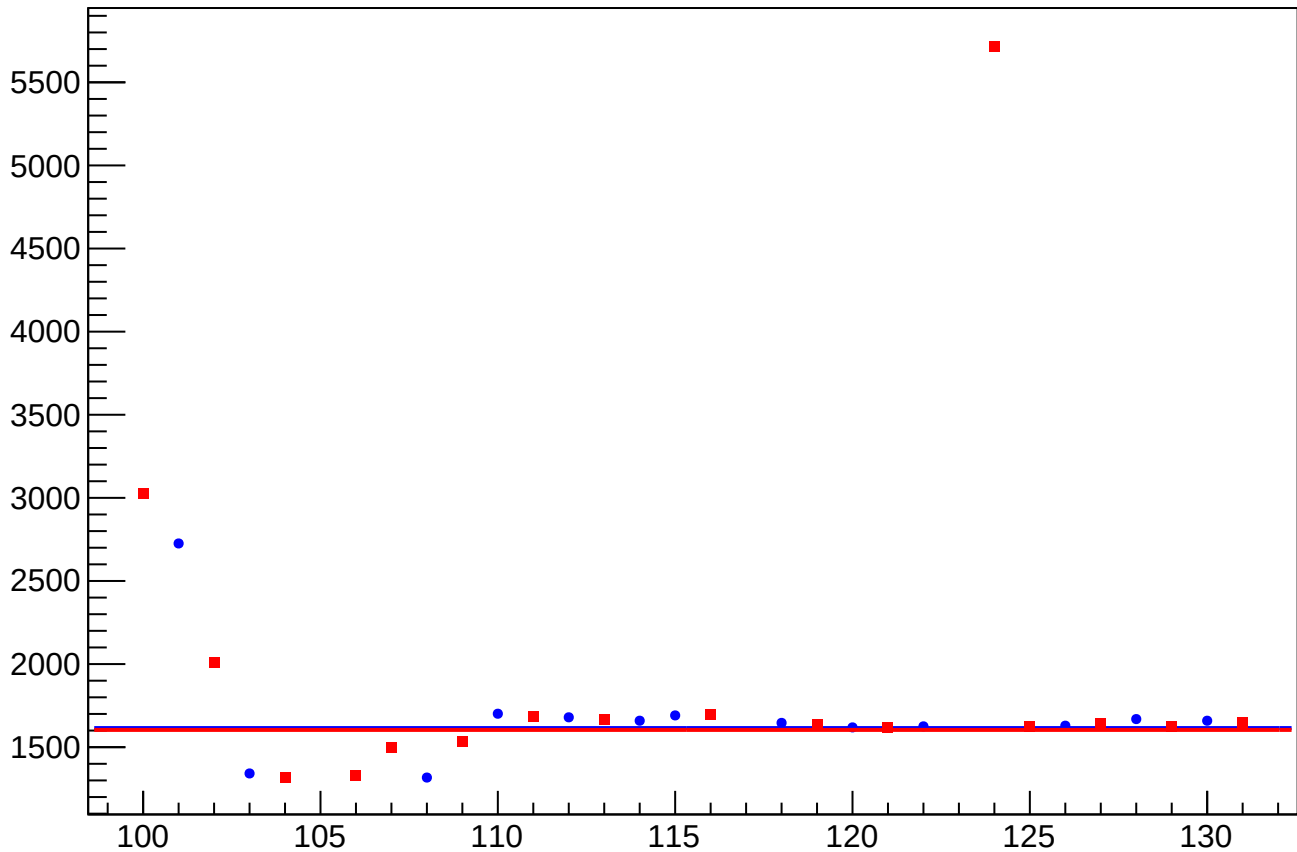
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 319.852 $\pm$ 478.431 χ^2 /NDF: 40.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_at2_avg_rms vs Slug



Right In: 1614.919+/-0.493 χ^2/NDF : 312084.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

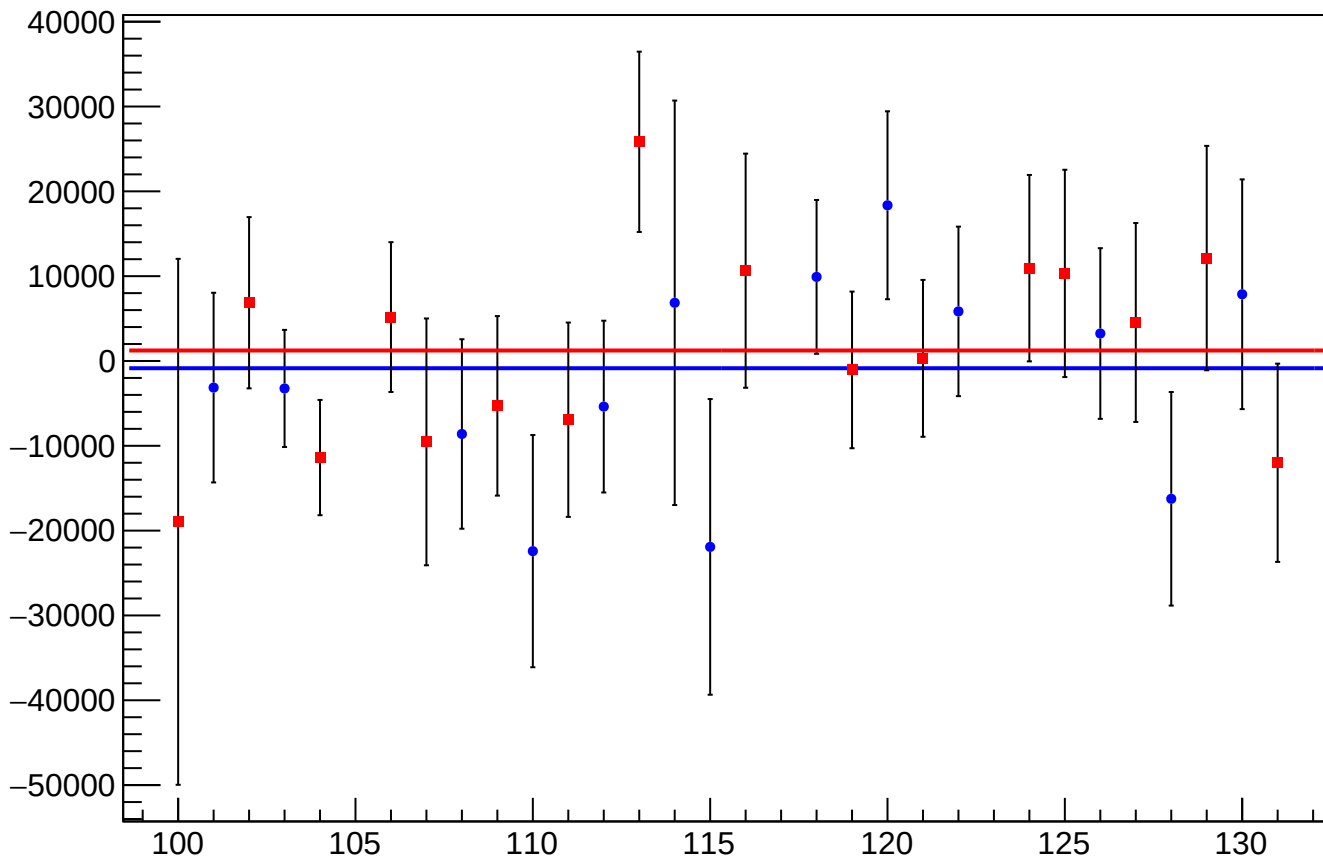
Right Out: 1603.935+/-0.465 χ^2/NDF : 311431.2/15

All: 1609.101+/-0.338 χ^2/NDF : 623778.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_cor_correction_mean vs Slug



Right In: -853.916+/-3027.617 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

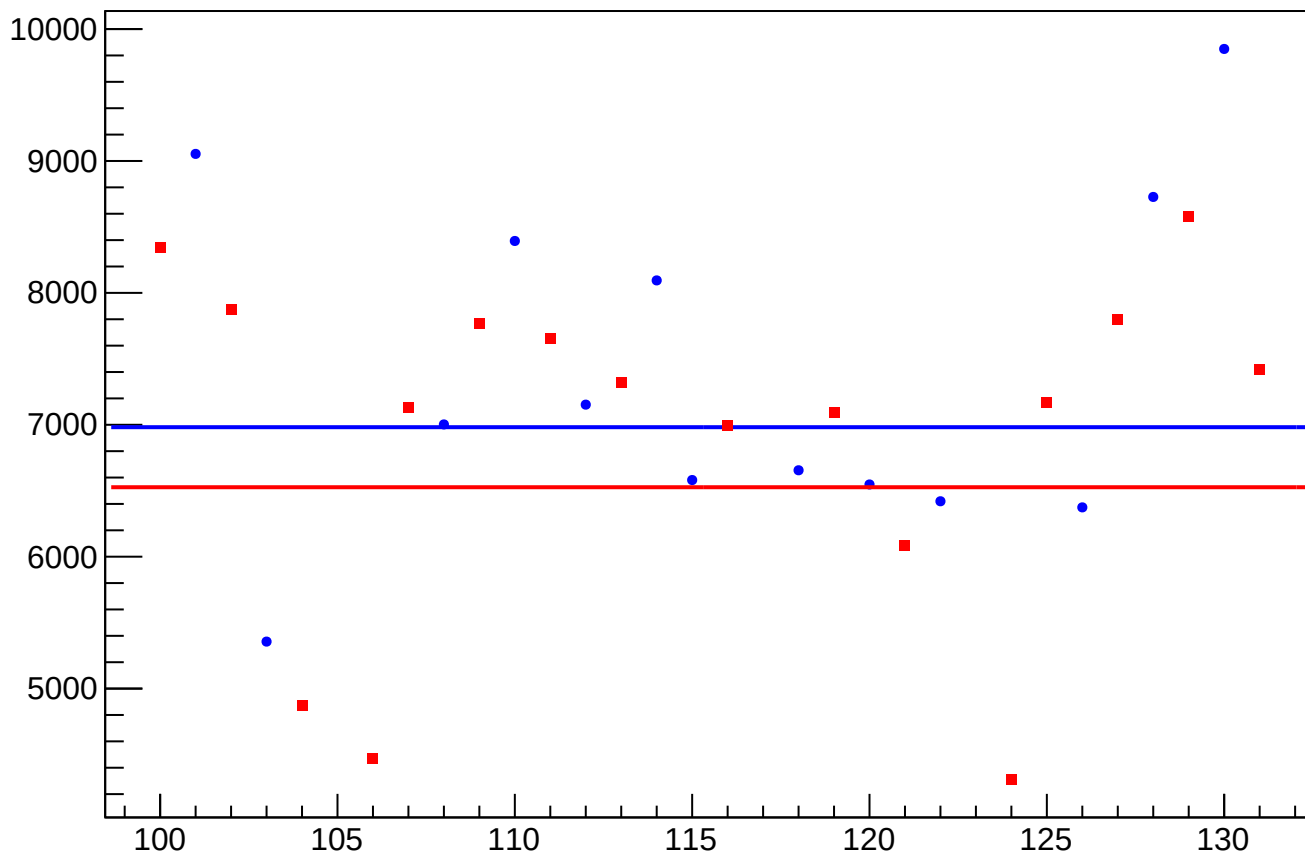
Right Out: 1238.321+/-2678.282 χ^2/NDF : 15.1/15

All: 319.818+/-2006.022 χ^2/NDF : 27.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_cor_correction_rms vs Slug



Right In: 6981.751 $\pm$ 2.141 χ^2 /NDF: 354208.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6526.569 $\pm$ 1.894 χ^2 /NDF: 516042.4/15

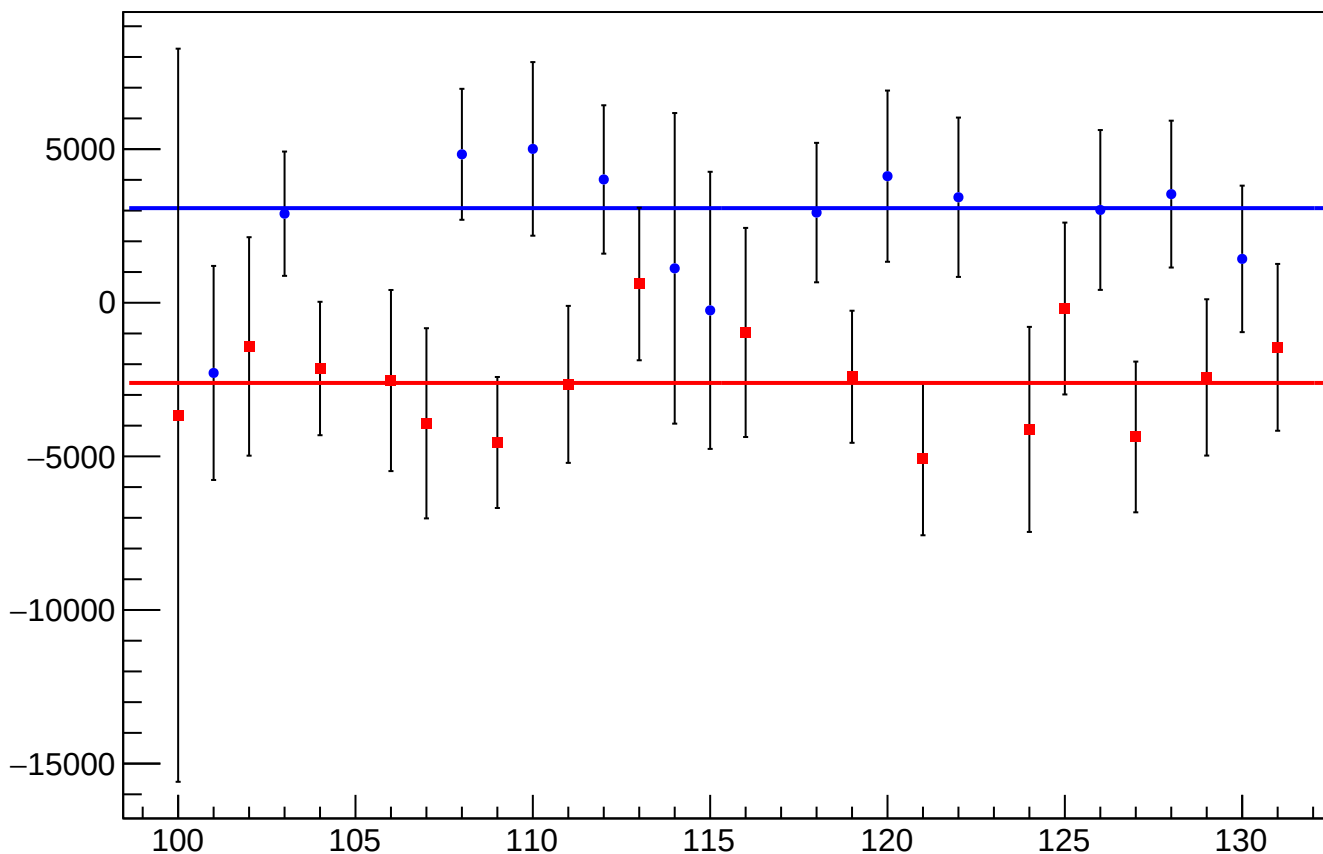
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6726.396 $\pm$ 1.418 χ^2 /NDF: 895611.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at2_avg_mean vs Slug



Right In: 3079.686 $\pm$ 725.035 χ^2 /NDF: 5.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2609.960 $\pm$ 675.527 χ^2 /NDF: 5.7/15

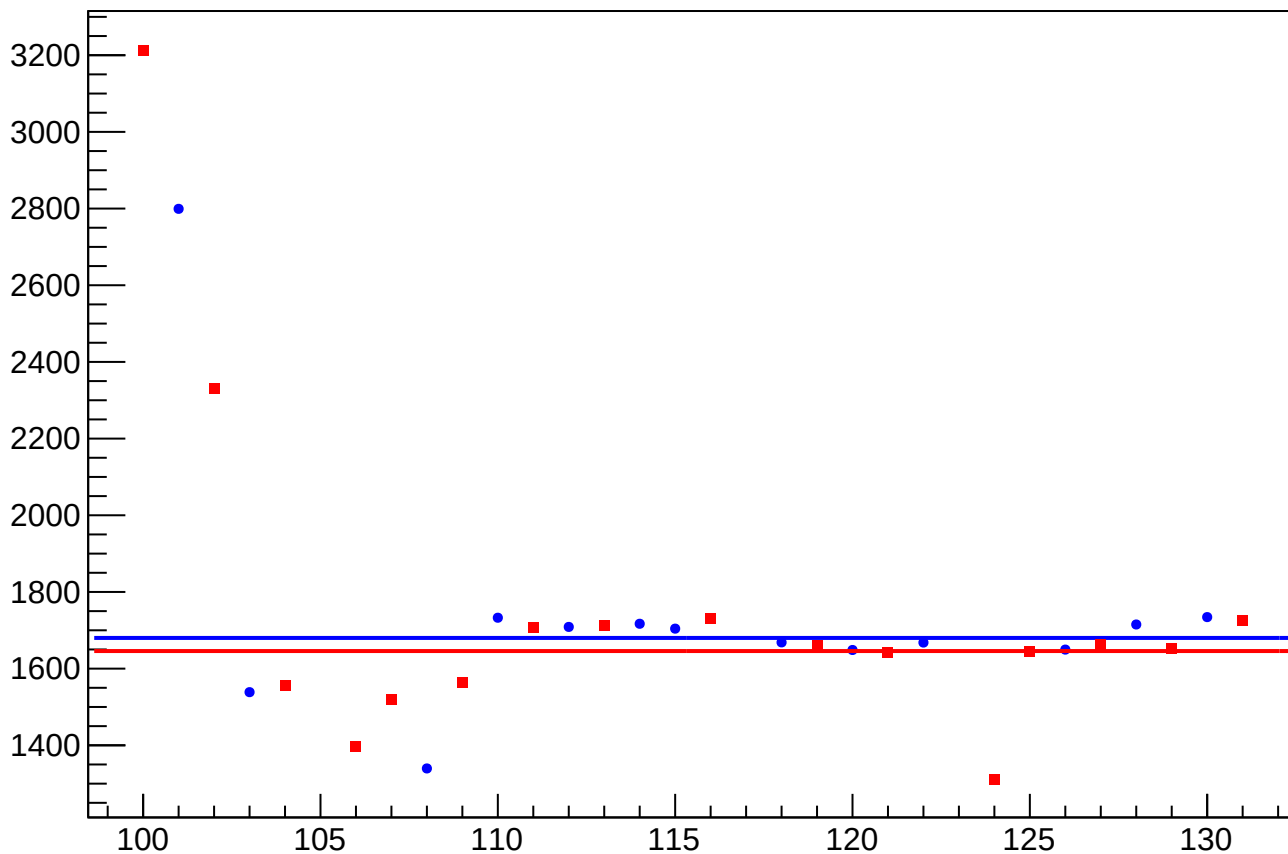
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.995 $\pm$ 494.246 χ^2 /NDF: 43.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at2_avg_rms vs Slug



Right In: 1680.081+/-0.513 χ^2/NDF : 270483.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

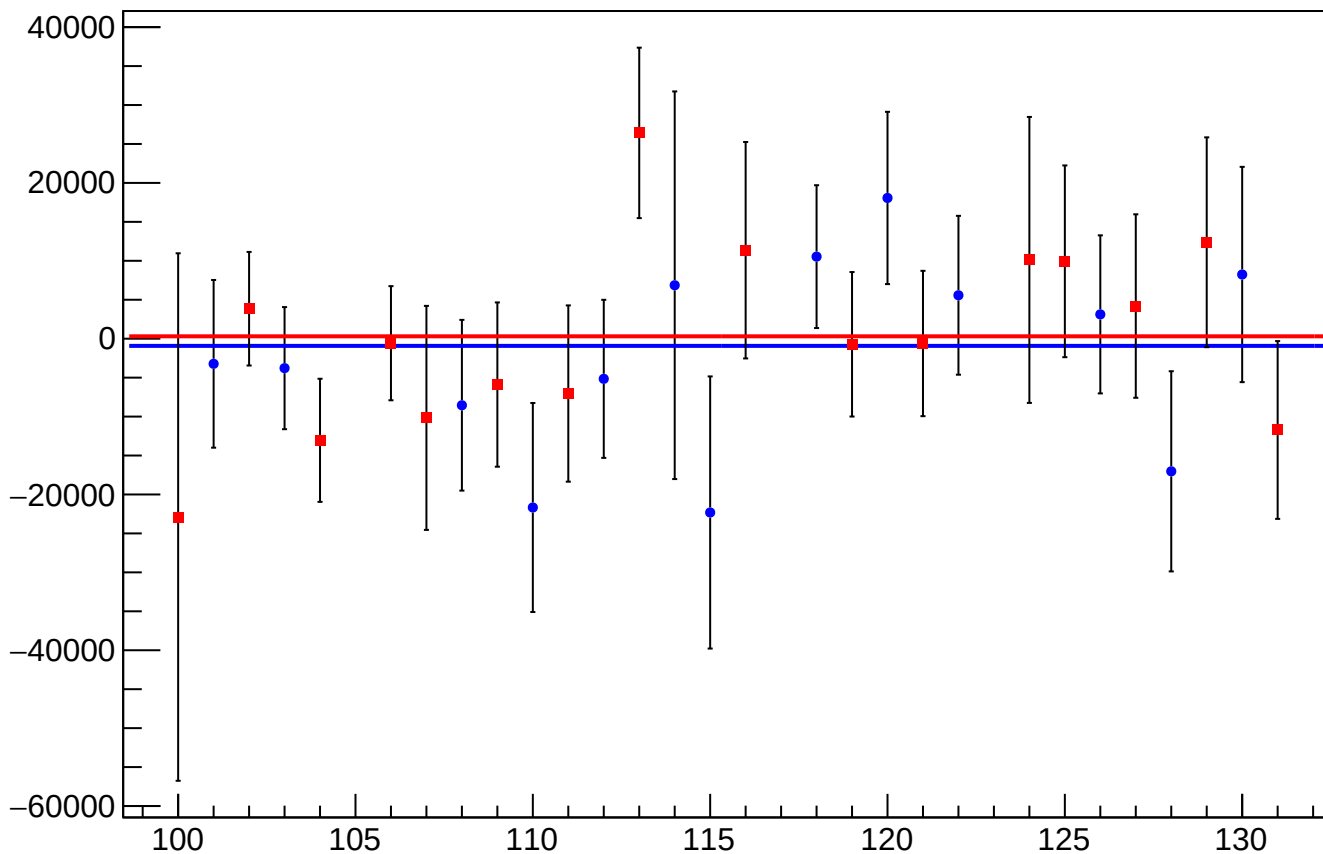
Right Out: 1645.866+/-0.477 χ^2/NDF : 158907.9/15

All: 1661.758+/-0.349 χ^2/NDF : 431776.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_dit_correction_mean vs Slug



Right In: -922.411+/-3099.741 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 306.356+/-2648.411 χ^2/NDF : 14.1/15

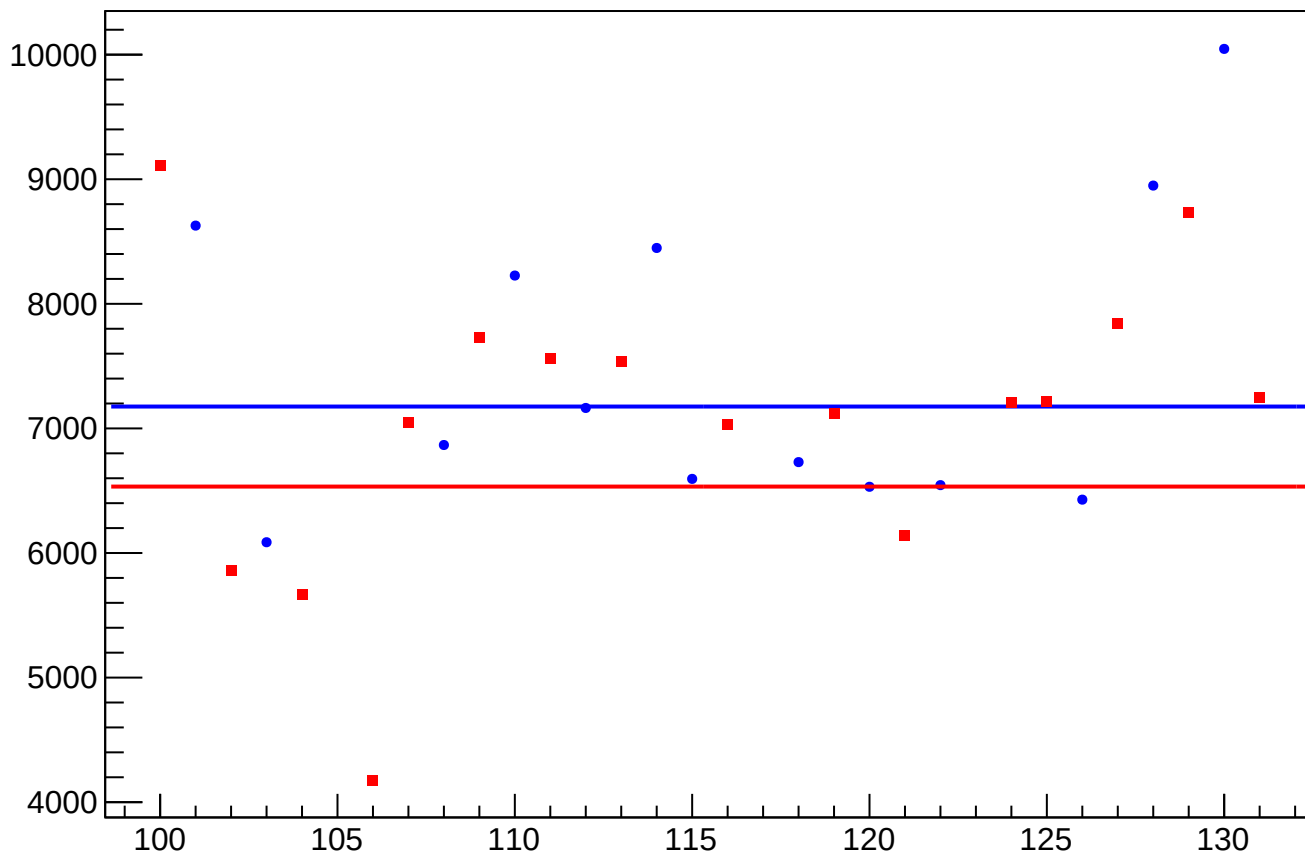
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -212.139+/-2013.553 χ^2/NDF : 26.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_dit_correction_rms vs Slug



Right In: 7175.581 $\pm$ 2.192 χ^2 /NDF: 250724.9/12

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

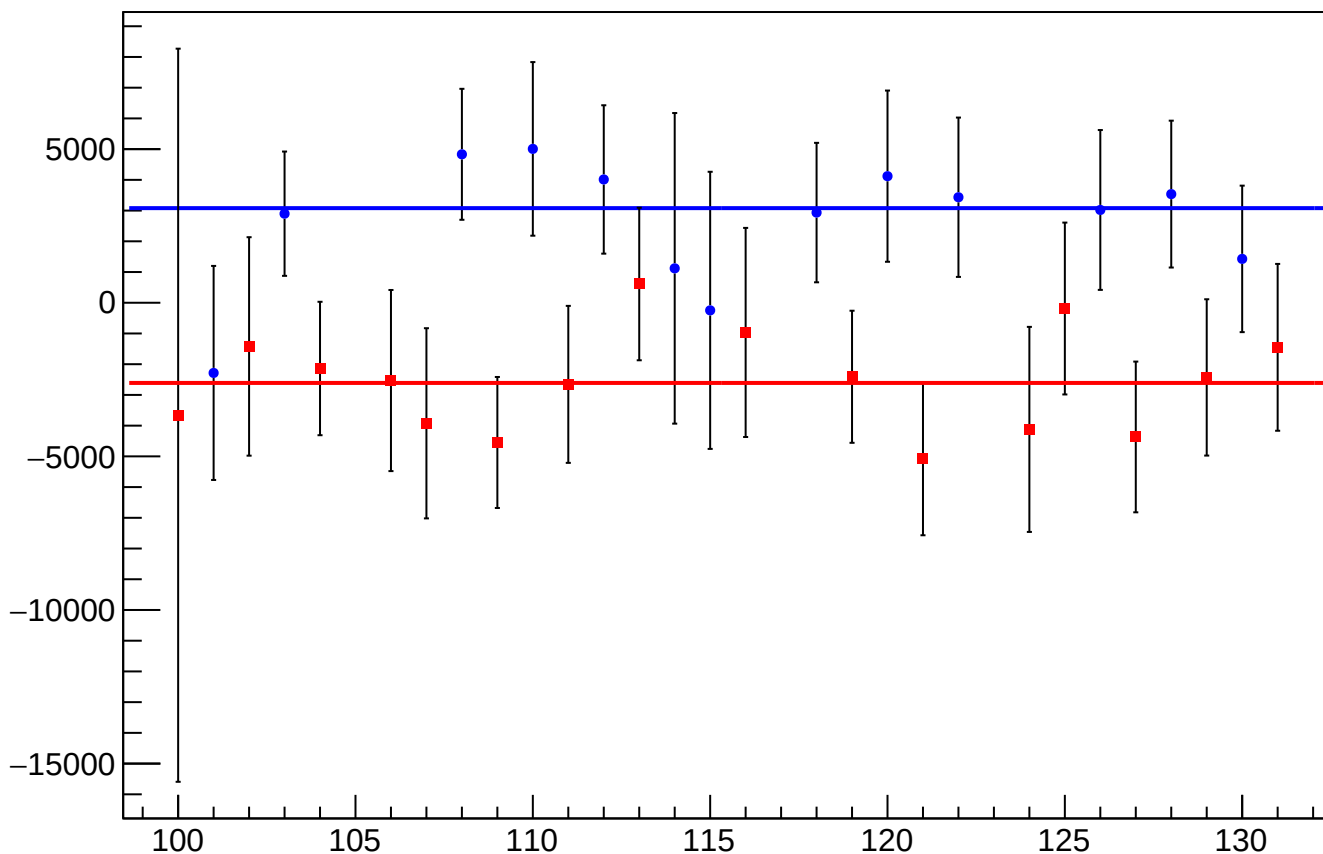
Right Out: 6533.206 $\pm$ 1.873 χ^2 /NDF: 430136.9/15

All: 6804.265 $\pm$ 1.424 χ^2 /NDF: 730510.9/28

- 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_at2_avg_mean vs Slug



Right In: 3079.689 $\pm$ 725.034 χ^2 /NDF: 5.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2609.971 $\pm$ 675.527 χ^2 /NDF: 5.7/15

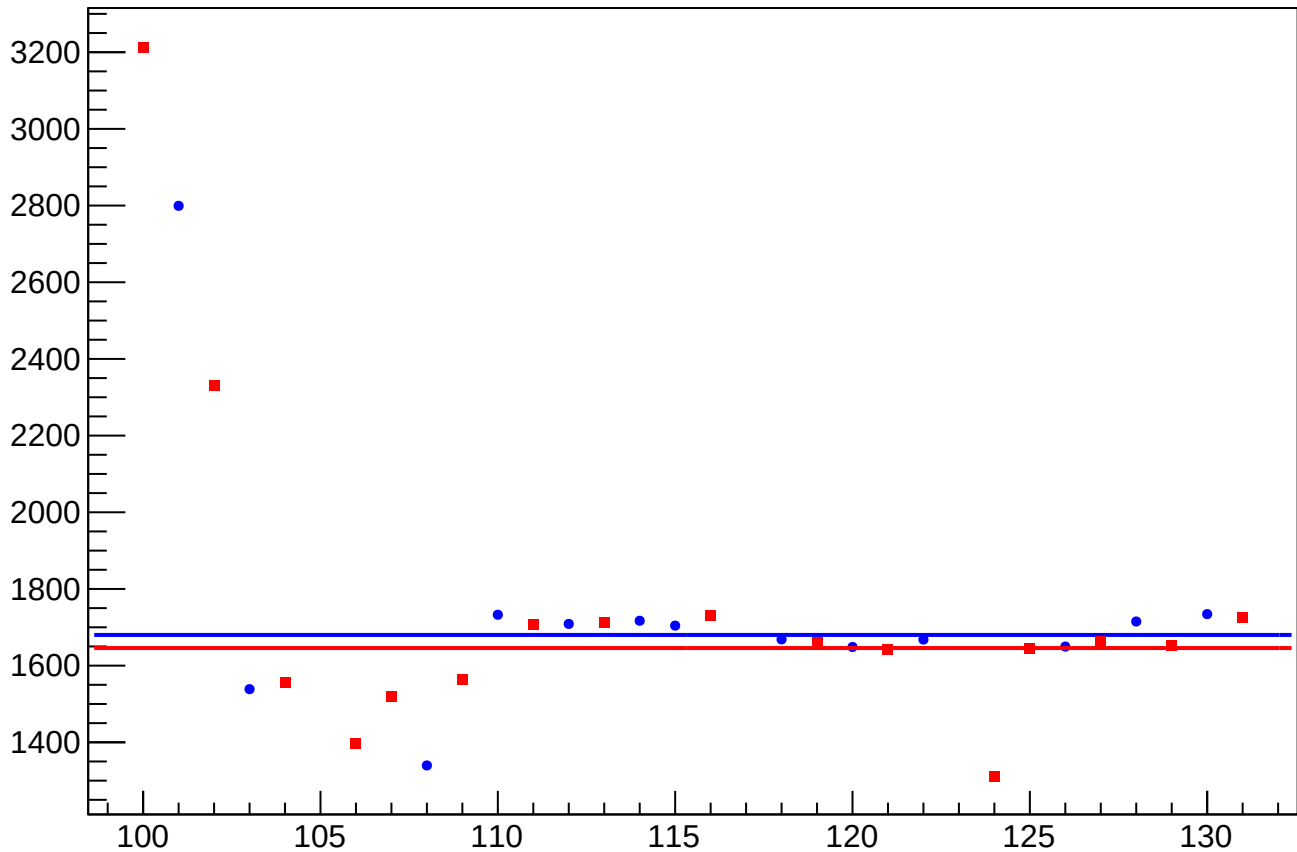
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.991 $\pm$ 494.246 χ^2 /NDF: 43.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at2_avg_rms vs Slug



Right In: 1680.080+/-0.513 χ^2/NDF : 270483.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

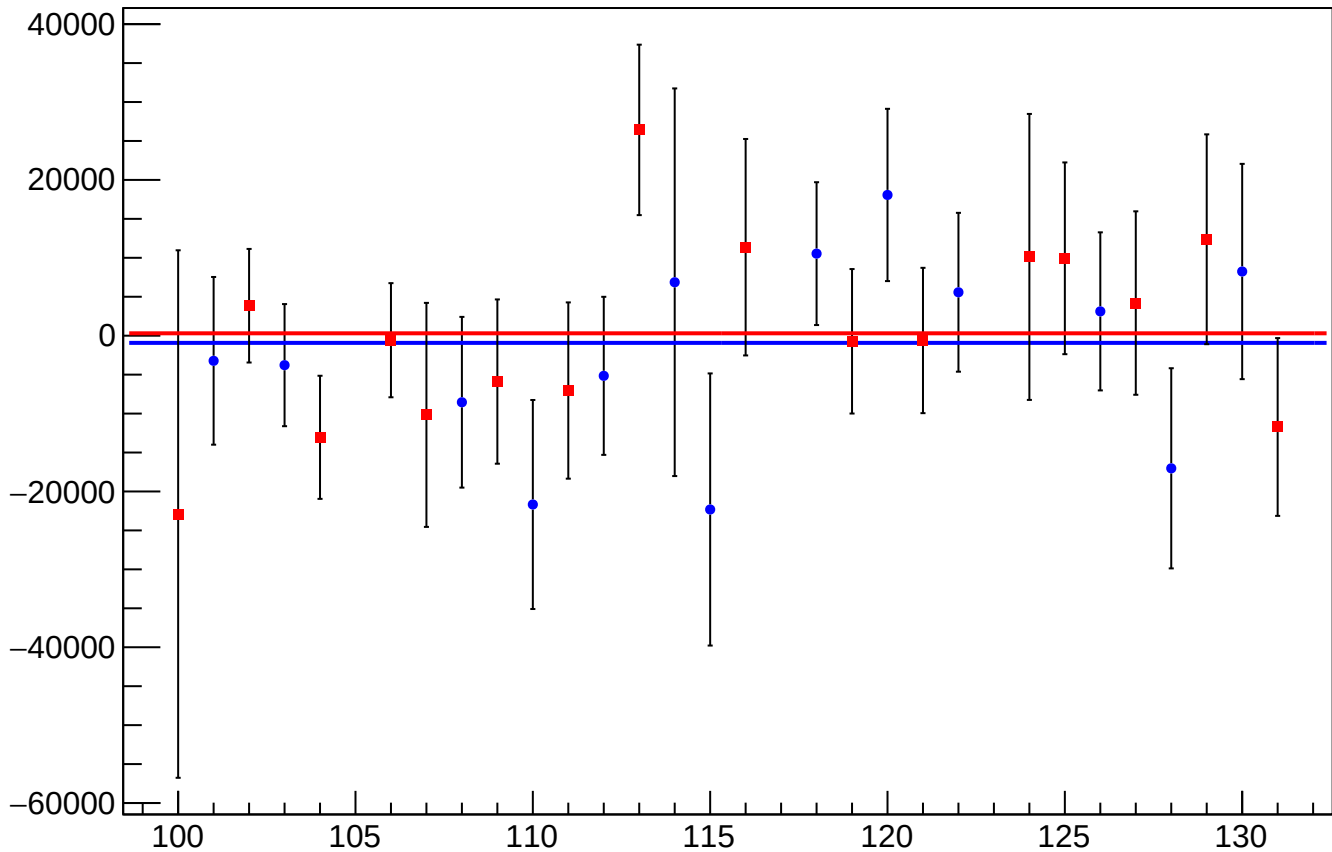
Right Out: 1645.866+/-0.477 χ^2/NDF : 158908.0/15

All: 1661.758+/-0.349 χ^2/NDF : 431776.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_correction_mean vs Slug



Right In: -922.397+/-3099.732 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 306.348+/-2648.405 χ^2/NDF : 14.1/15

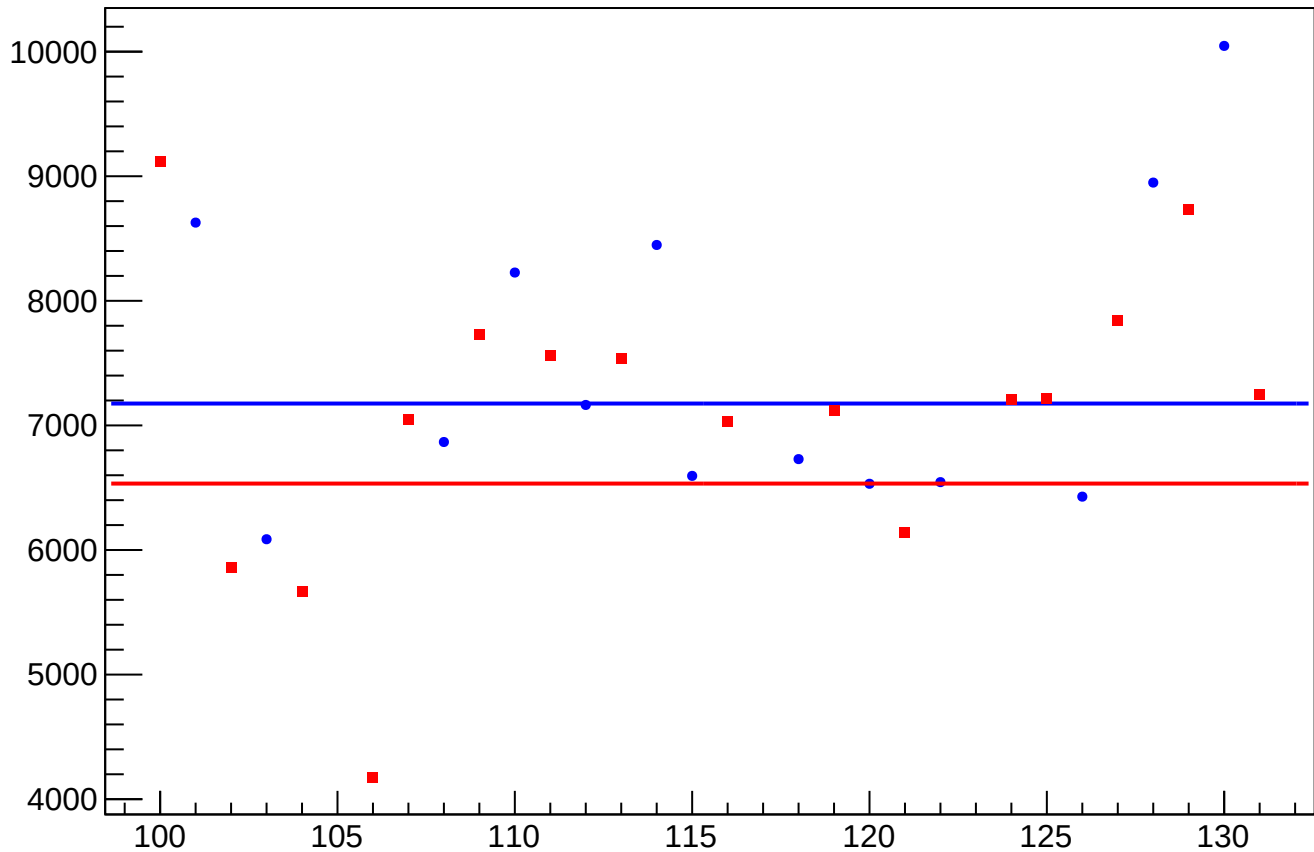
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -212.138+/-2013.547 χ^2/NDF : 26.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_correction_rms vs Slug



Right In: 7175.560+/-2.192 χ^2/NDF : 250724.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

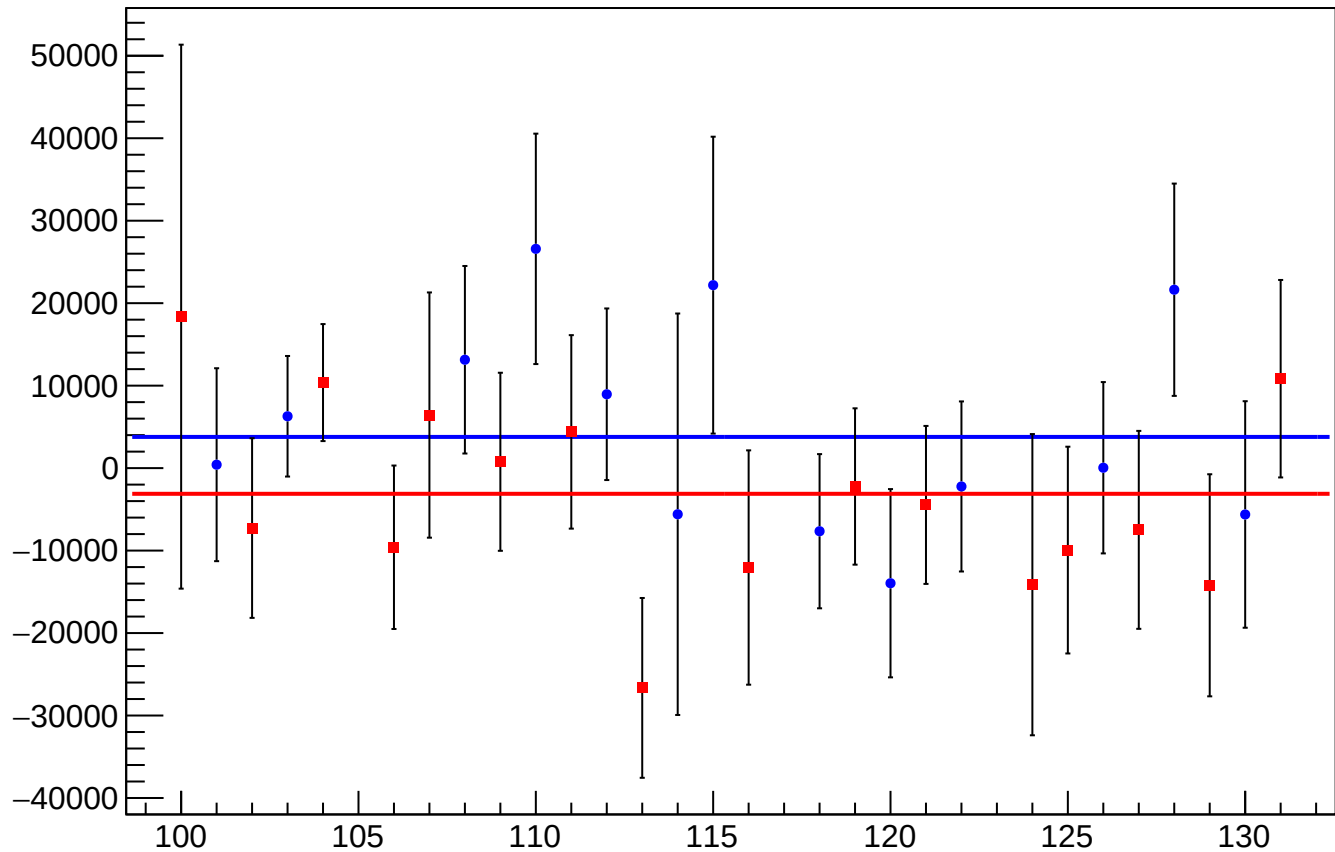
Right Out: 6533.91+/-1.873 χ^2/NDF : 430134.4/15

All: 6804.247+/-1.424 χ^2/NDF : 730507.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_mean vs Slug



Right In: 3782.673+/-3130.767 χ^2 /NDF: 11.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -3114.773+/-2840.142 χ^2 /NDF: 13.5/15

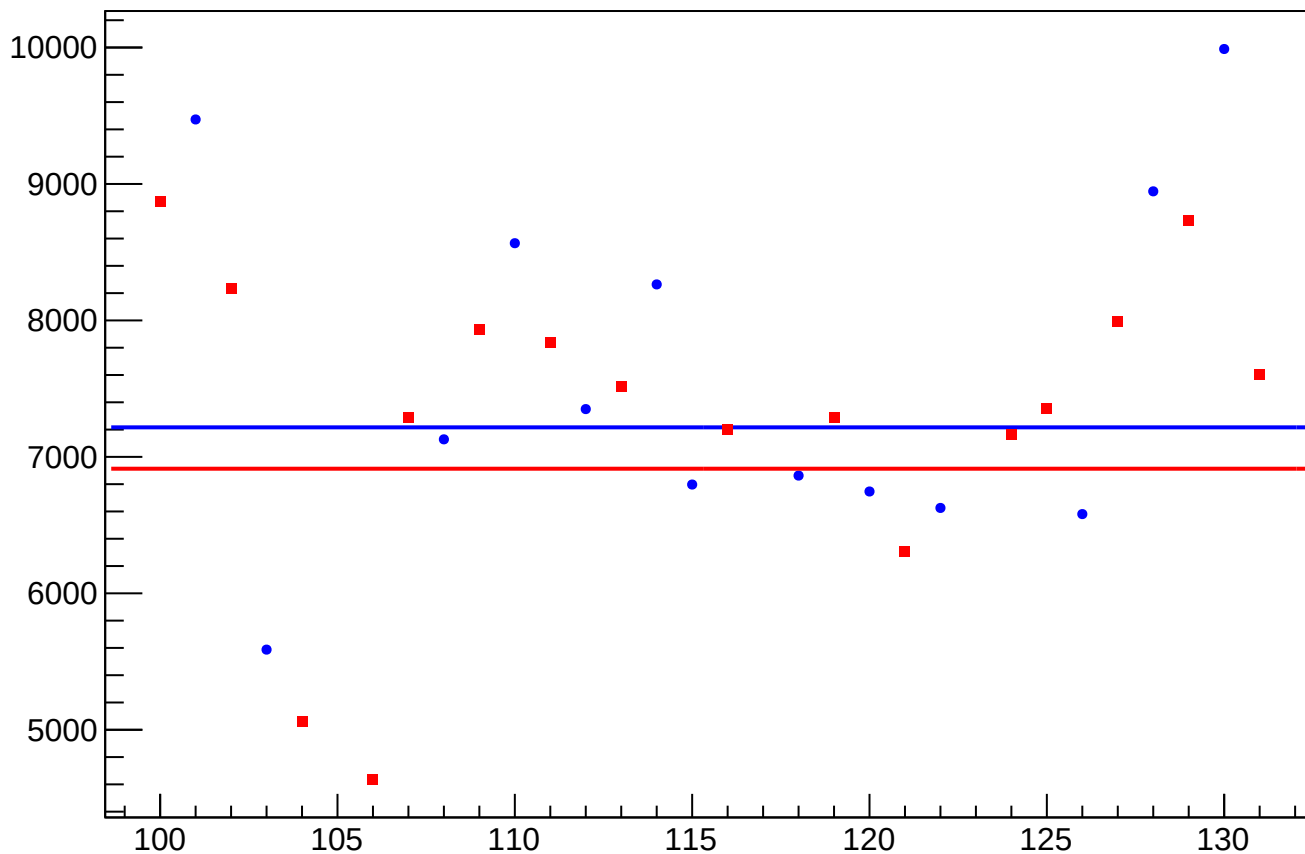
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.979+/-2103.543 χ^2 /NDF: 27.9/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_rms vs Slug



Right In: 7216.399 $\pm$ 2.214 χ^2 /NDF: 335559.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6913.295 $\pm$ 2.008 χ^2 /NDF: 390467.2/15

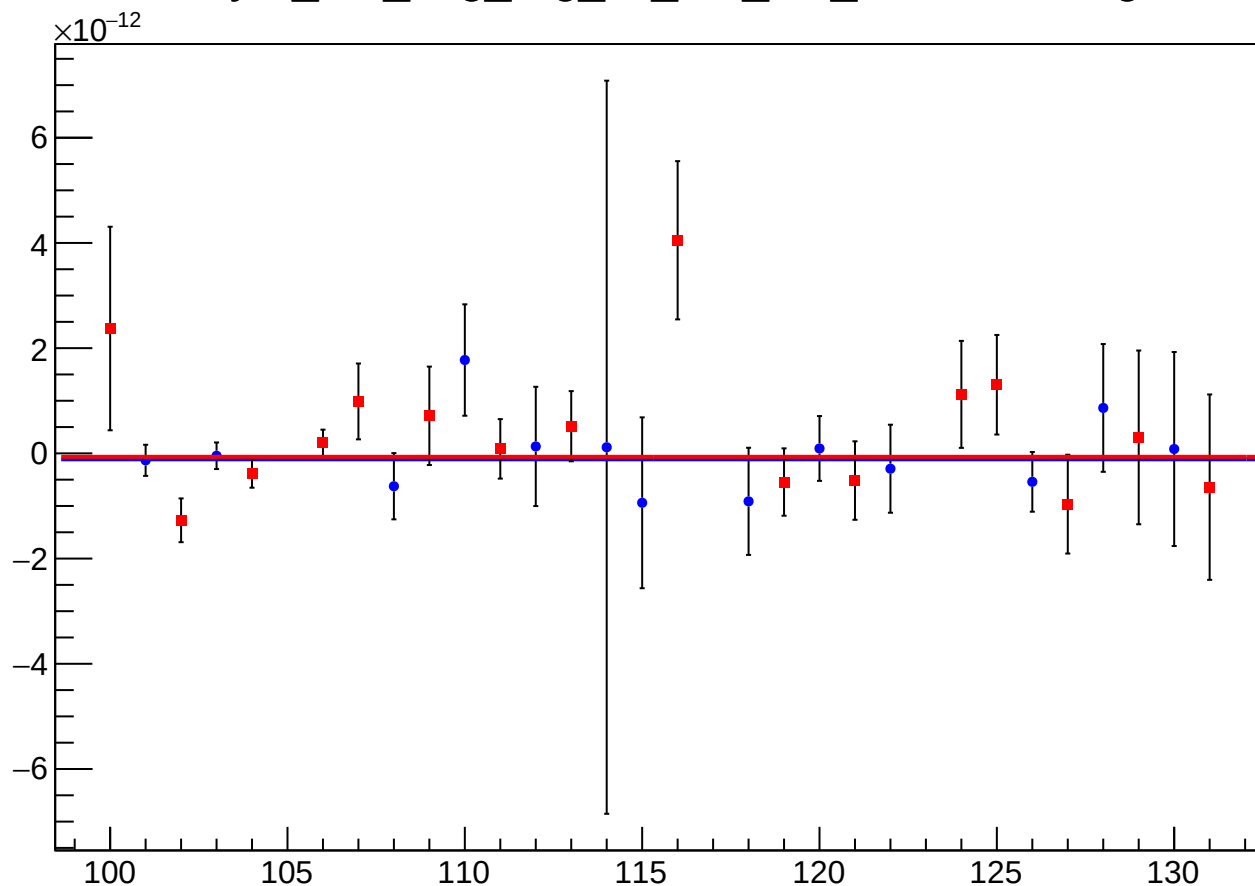
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7050.118 $\pm$ 1.487 χ^2 /NDF: 736310.7/28

- sign 0.000 $\pm$ 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: 6.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 28.9/15

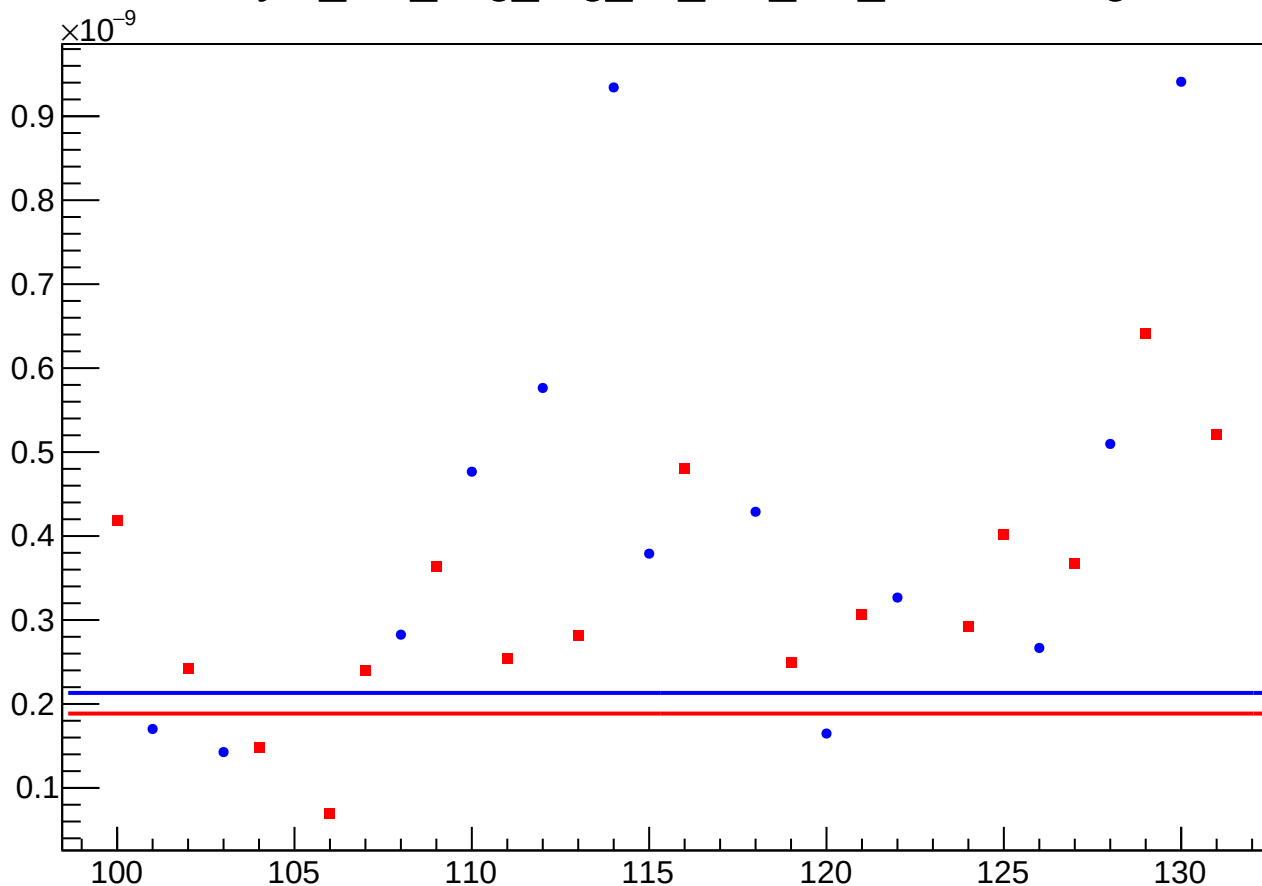
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 35.2/28

- 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+/-0.000 χ^2/NDF : 1180880.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1253426.9/15

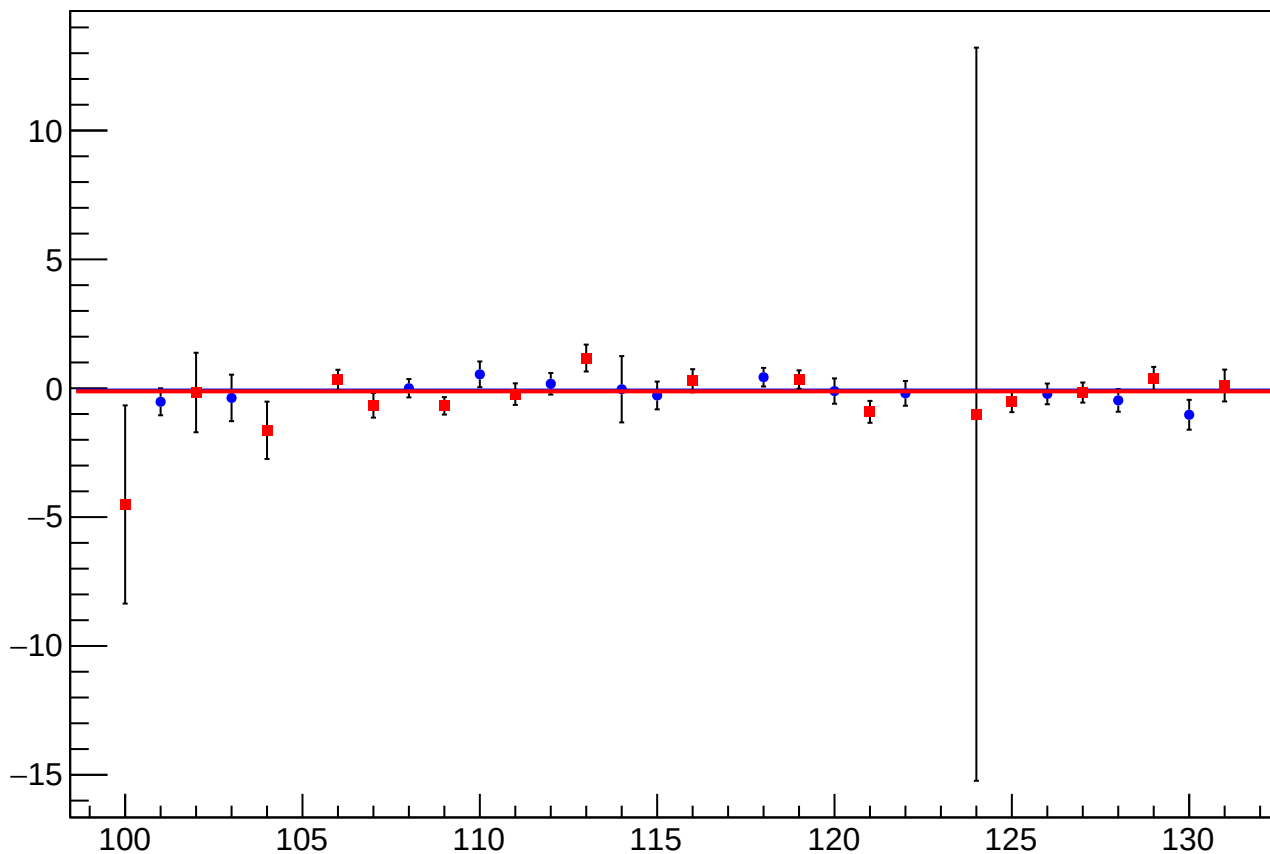
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2461844.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.089 ± 0.133 χ^2/NDF : 8.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.121 ± 0.121 χ^2/NDF : 23.0/15

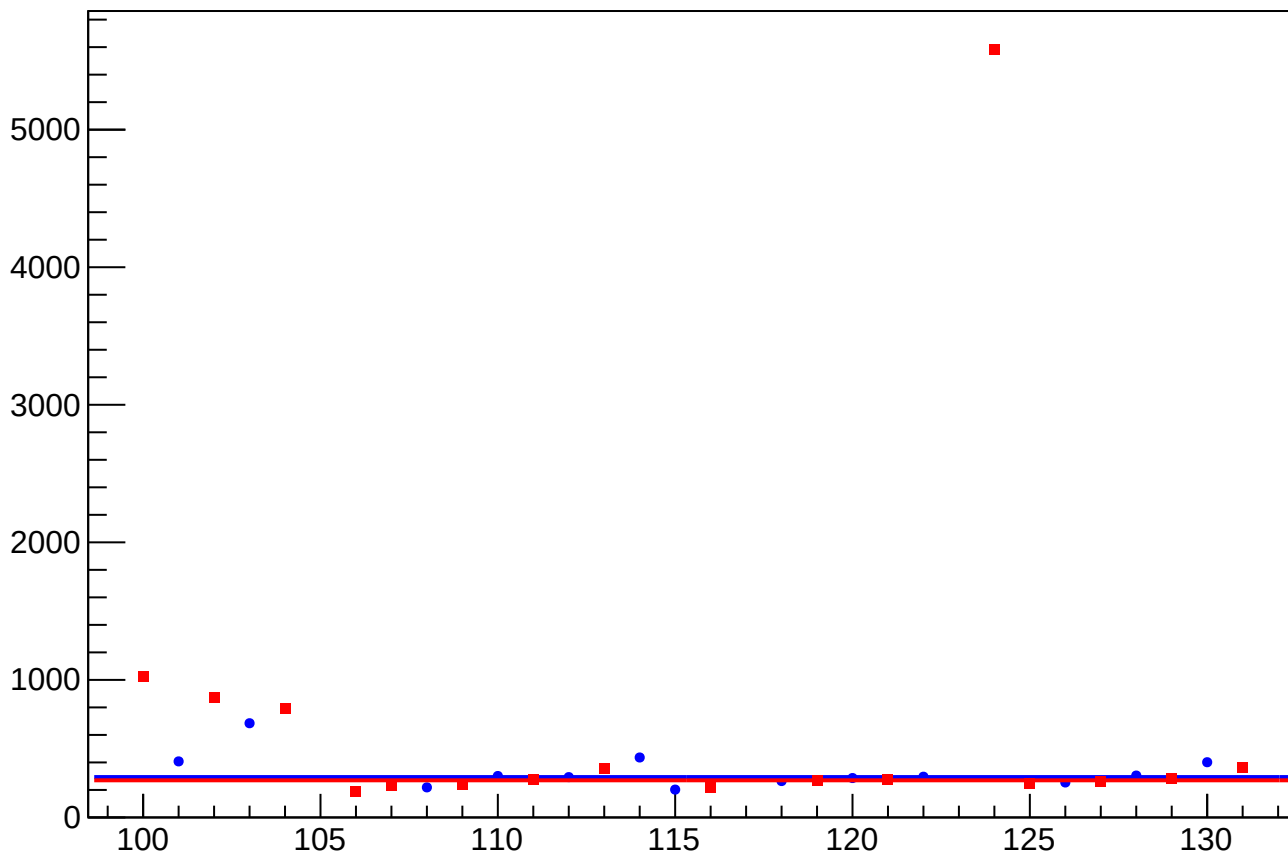
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.107 ± 0.089 χ^2/NDF : 31.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 293.597 $\pm$ 0.094 χ^2 /NDF: 744758.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 270.090 $\pm$ 0.085 χ^2 /NDF: 1363723.8/15

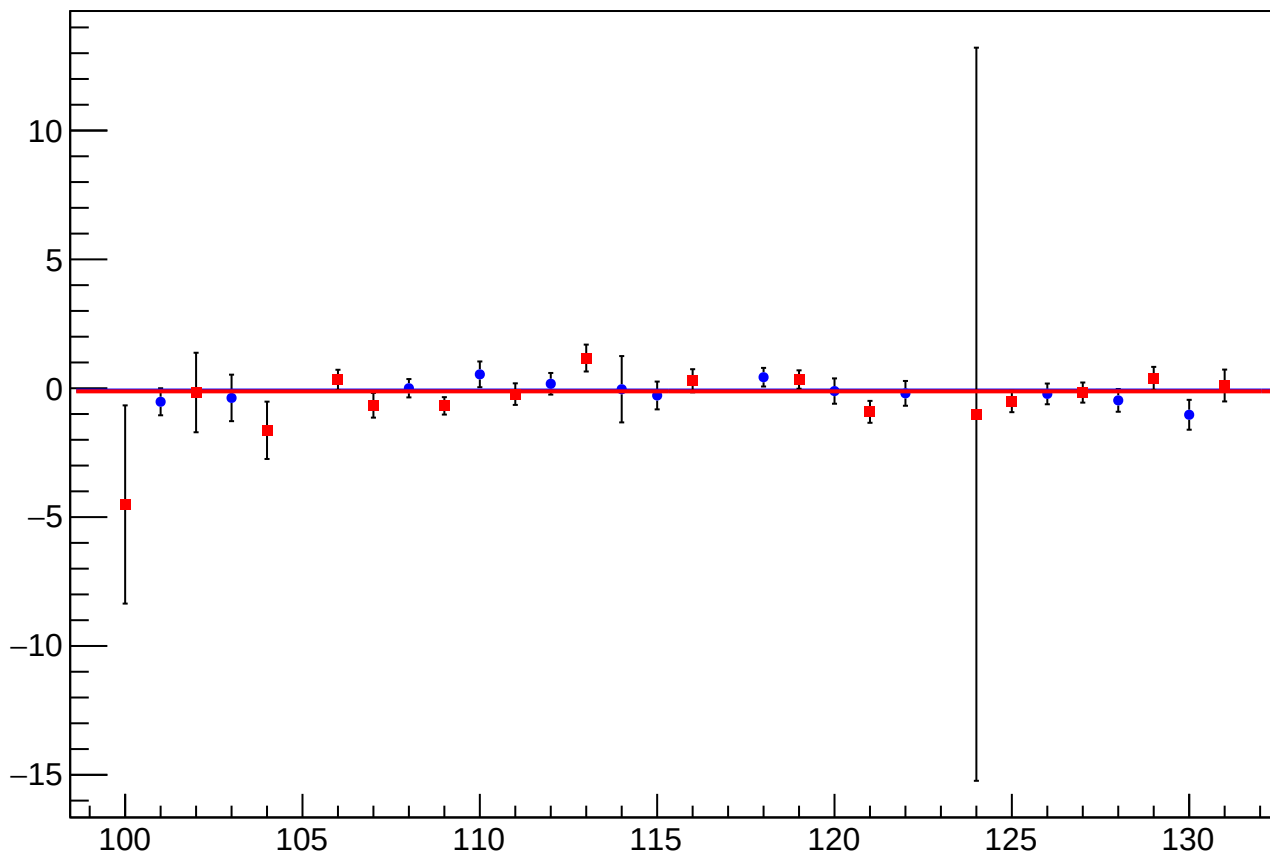
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 280.741 $\pm$ 0.063 χ^2 /NDF: 2142884.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.089 ± 0.133 χ^2/NDF : 8.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.121 ± 0.121 χ^2/NDF : 23.0/15

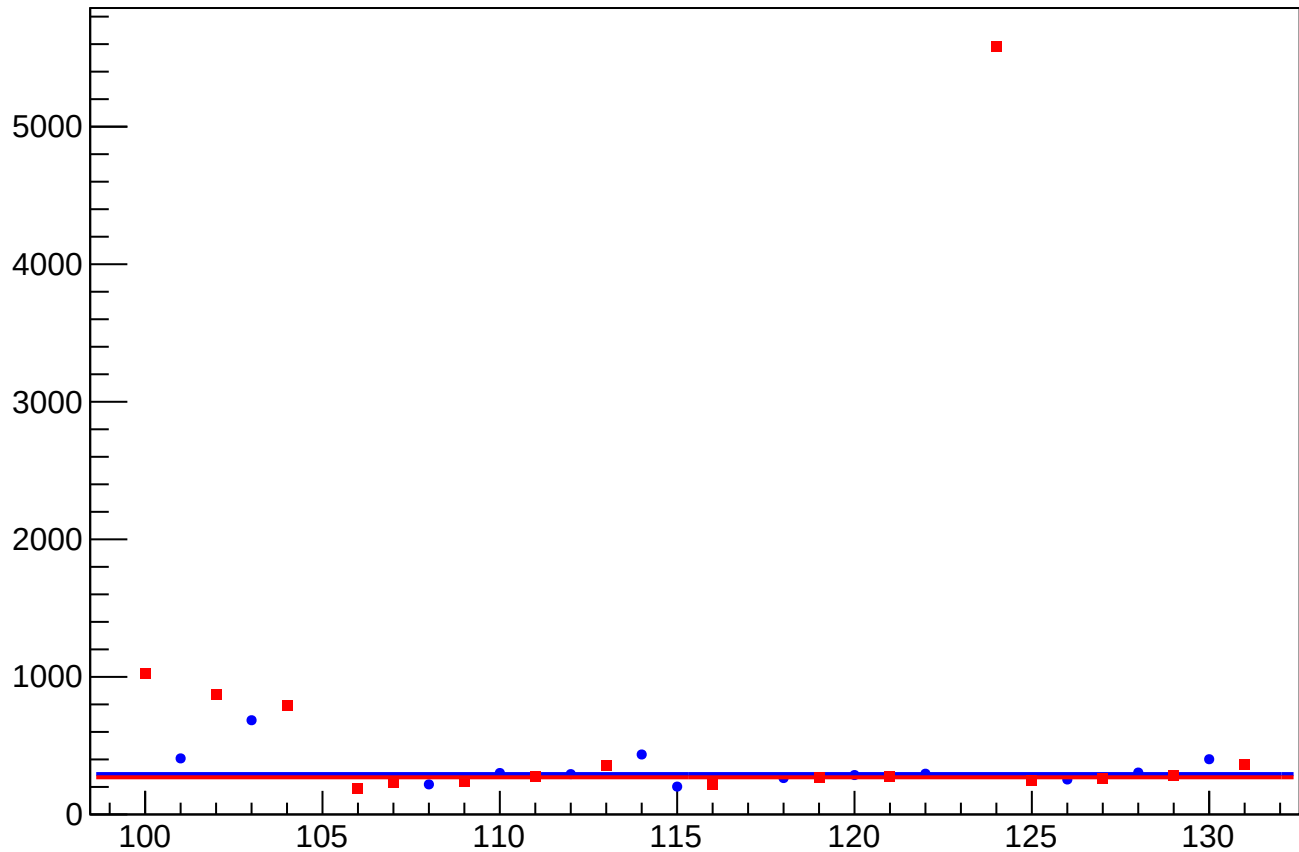
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.107 ± 0.089 χ^2/NDF : 31.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at2_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 293.597+/-0.094 χ^2/NDF : 744758.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 270.090+/-0.085 χ^2/NDF : 1363723.8/15

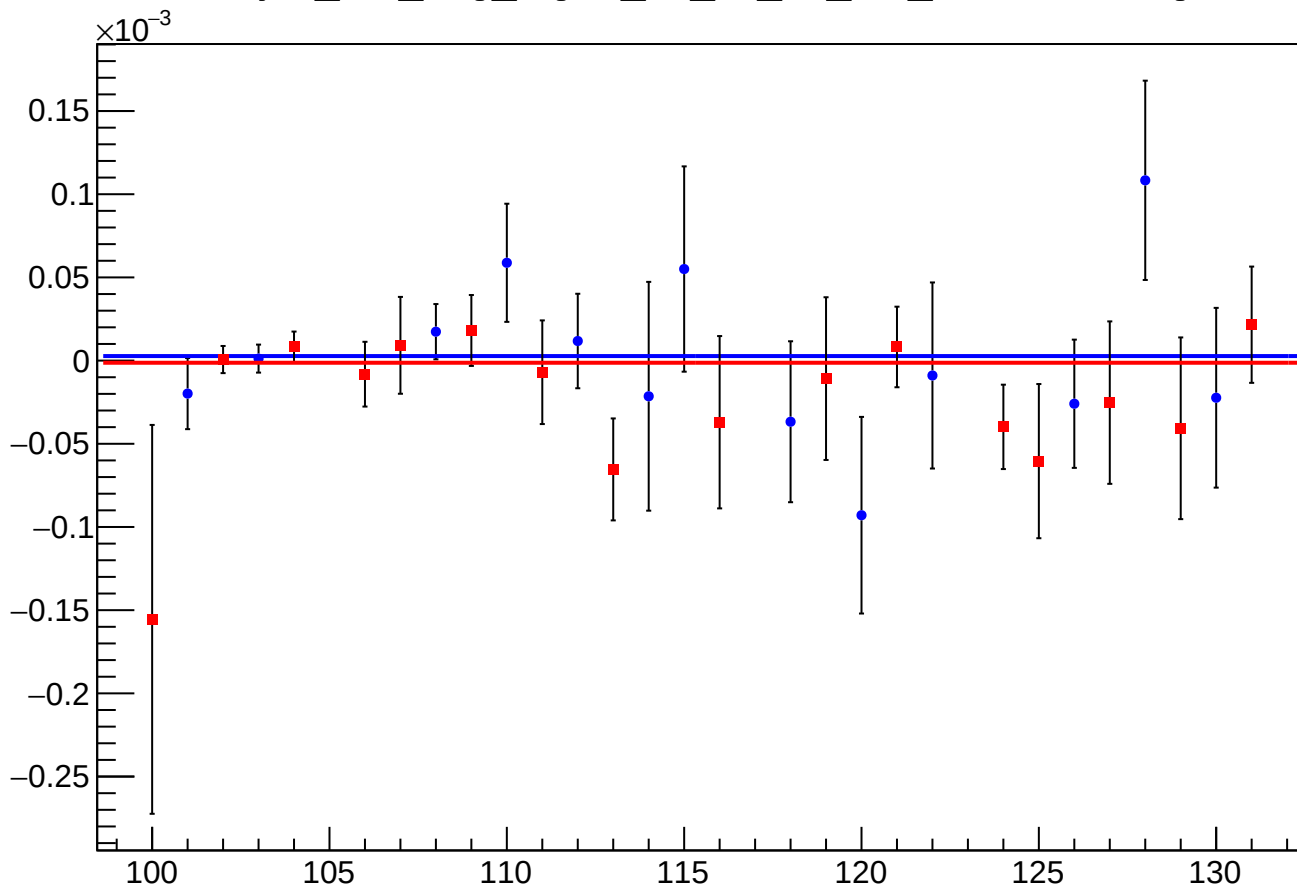
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 280.741+/-0.063 χ^2/NDF : 2142884.6/28

- 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: 12.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.2/15

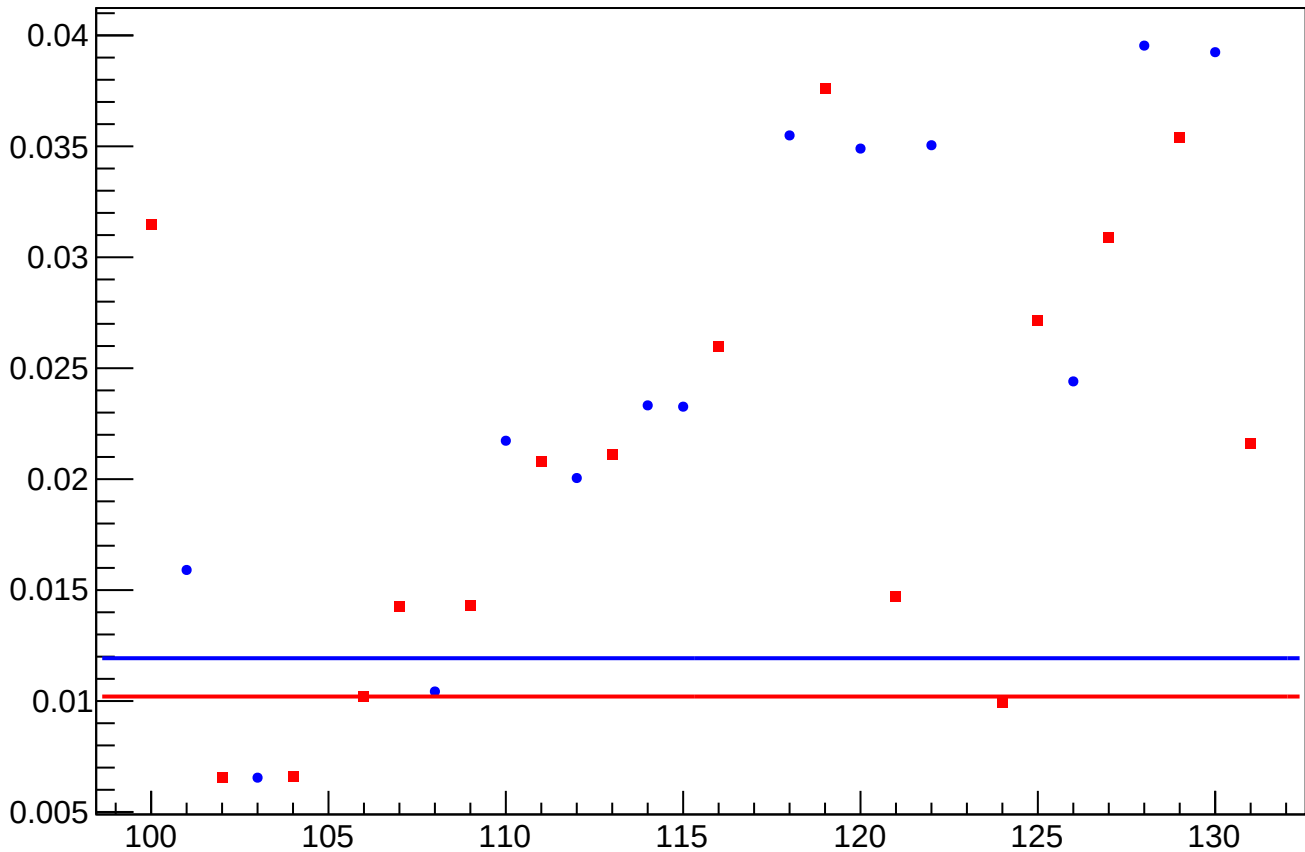
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 27.0/28

- 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: 0.012+/-0.000 χ^2/NDF : 3607216.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 3512776.7/15

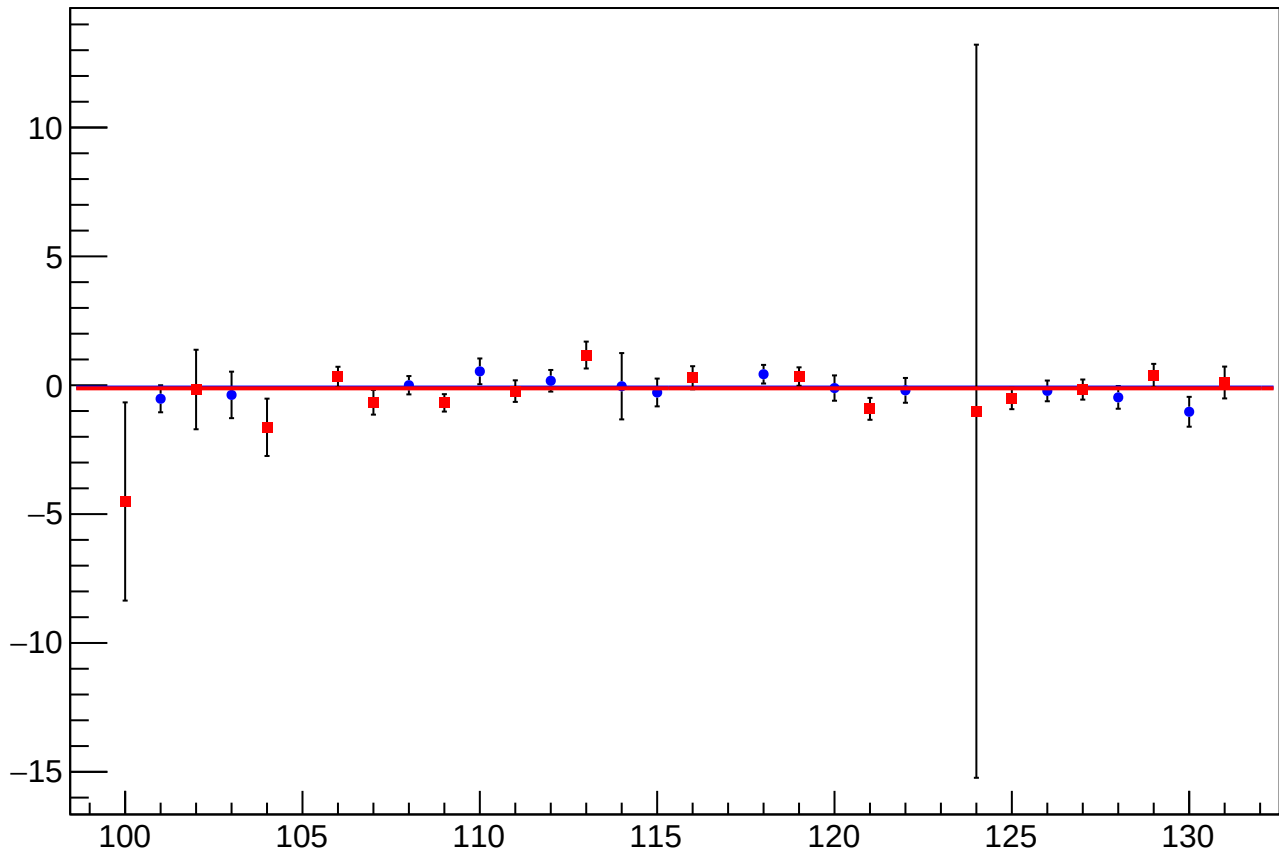
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 7212206.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.089 ± 0.133 χ^2/NDF : 8.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.121 ± 0.121 χ^2/NDF : 23.0/15

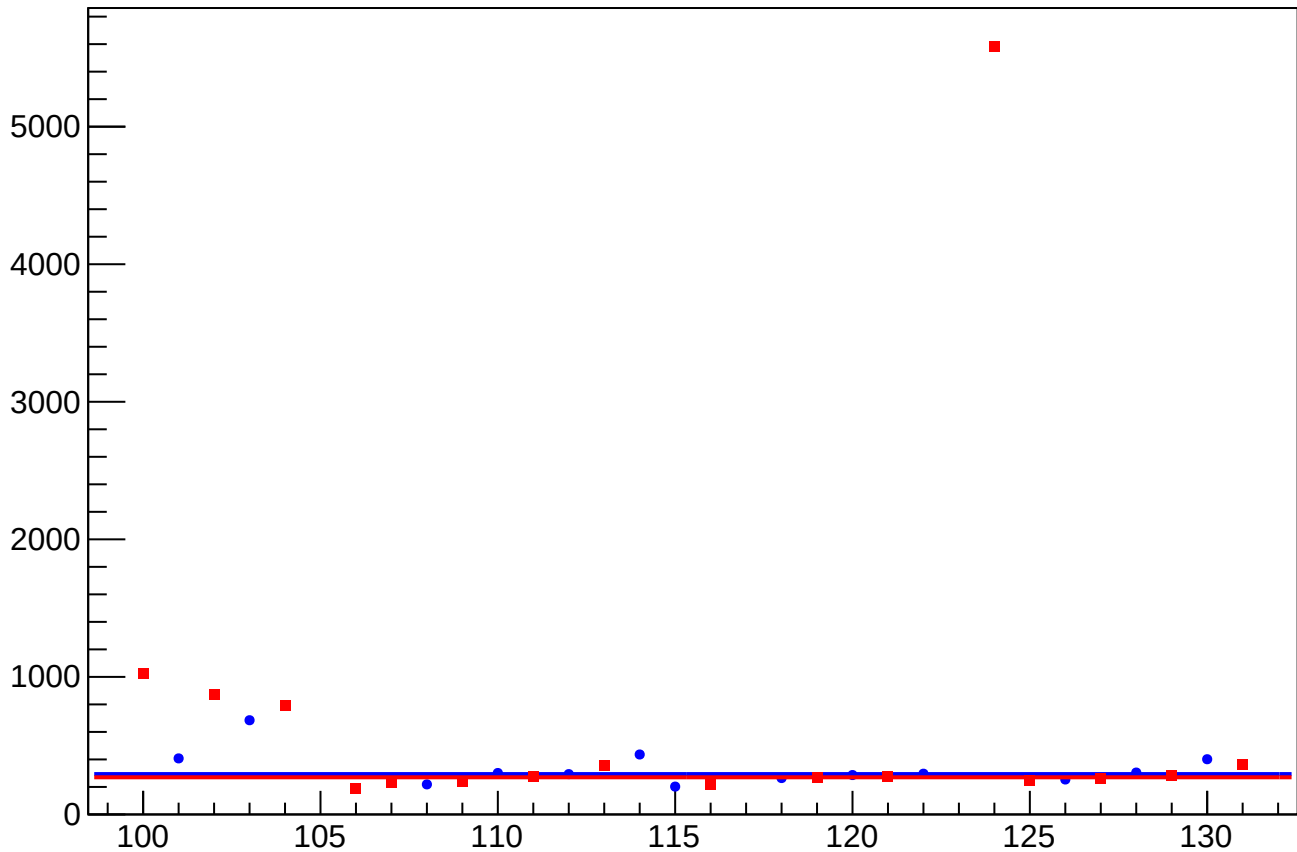
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.107 ± 0.089 χ^2/NDF : 31.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 293.596+/-0.094 χ^2/NDF : 744706.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 270.089+/-0.085 χ^2/NDF : 1363703.6/15

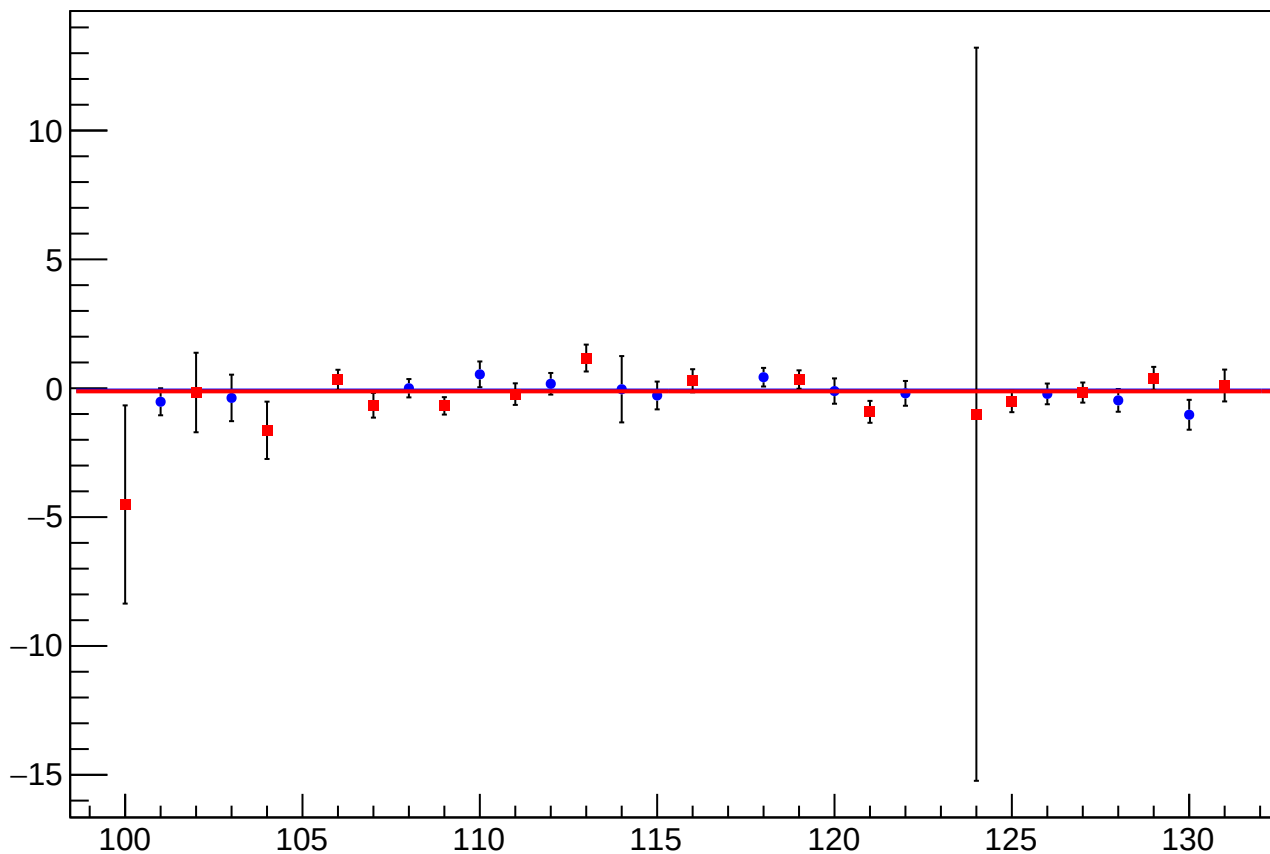
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 280.740+/-0.063 χ^2/NDF : 2142812.0/28

- 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: -0.089 ± 0.133 χ^2/NDF : 8.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.121 ± 0.121 χ^2/NDF : 23.0/15

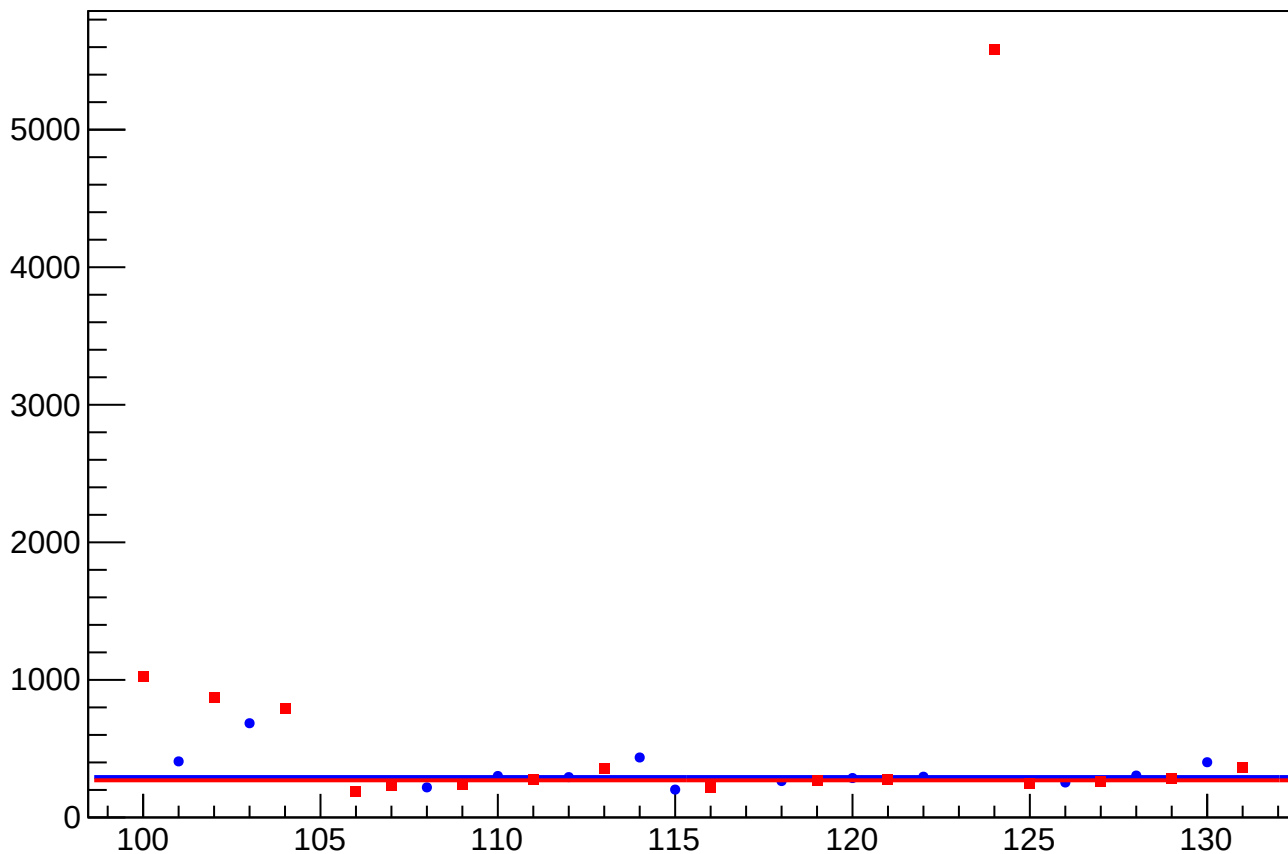
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.107 ± 0.089 χ^2/NDF : 31.6/28

- 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: 293.596 $\pm$ 0.094 χ^2 /NDF: 744706.8/12

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

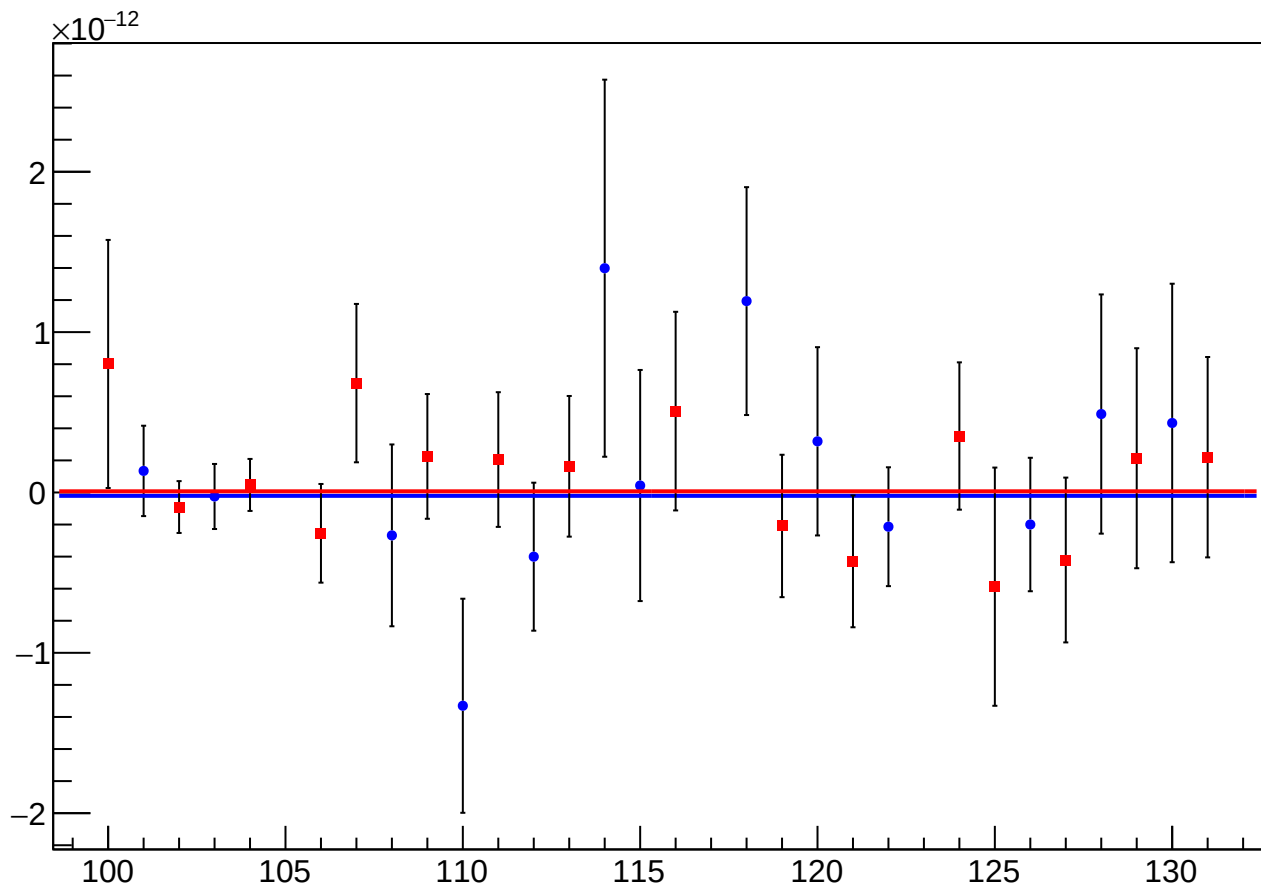
Right Out: 270.089 $\pm$ 0.085 χ^2 /NDF: 1363703.6/15

All: 280.740 $\pm$ 0.063 χ^2 /NDF: 2142812.0/28

- 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_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 10.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.9/15

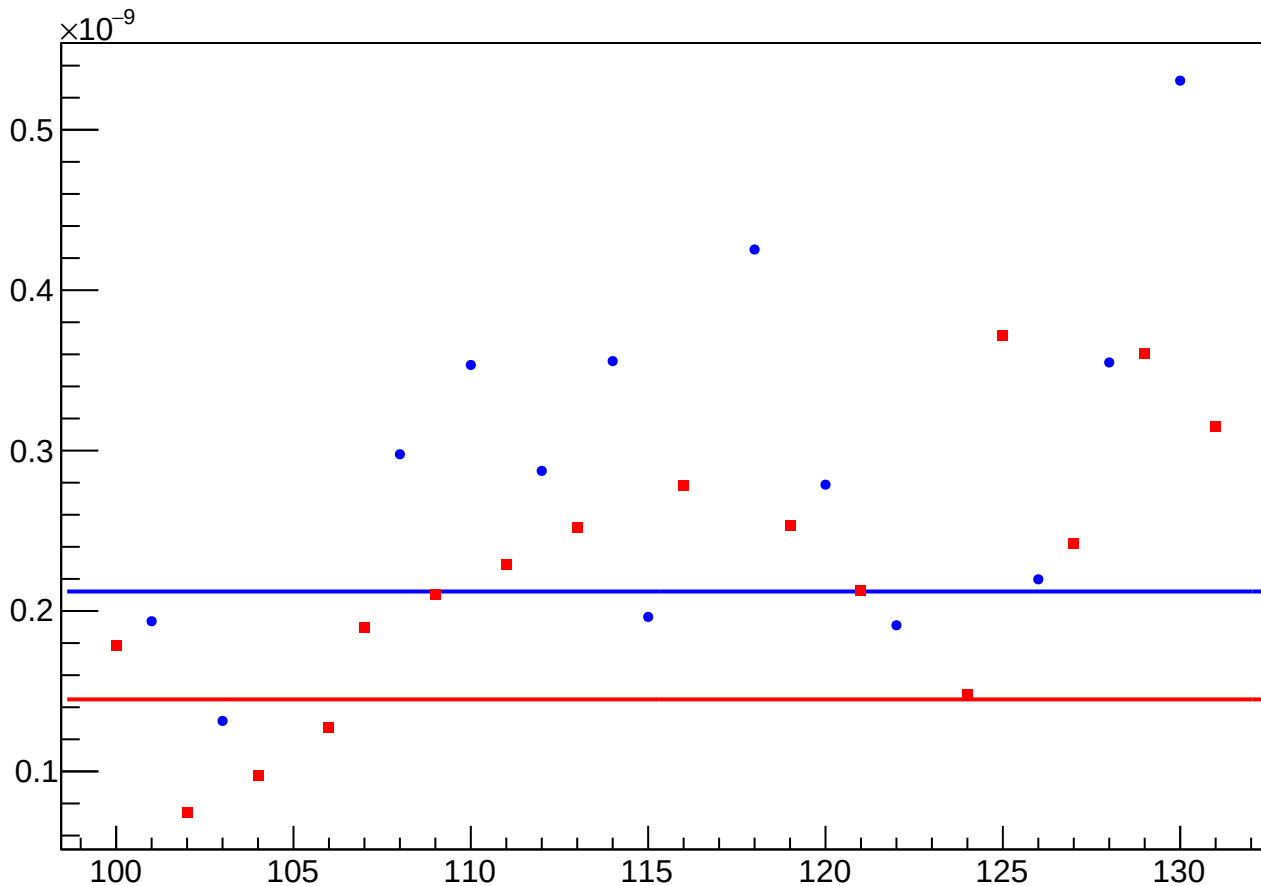
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1099216.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1706289.7/15

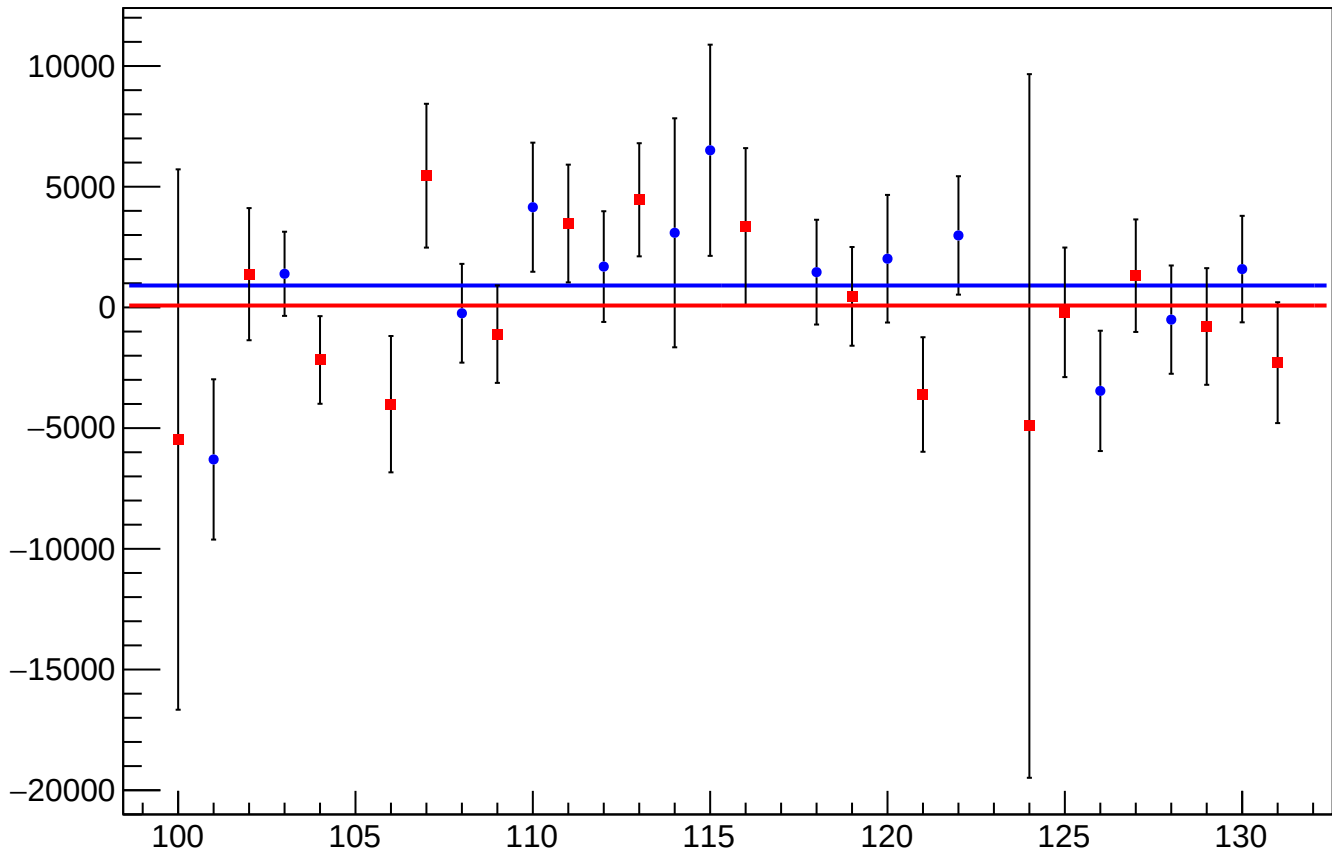
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3229002.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_mean vs Slug



Right In: 907.879+/-678.467 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.669+/-639.021 χ^2/NDF : 18.0/15

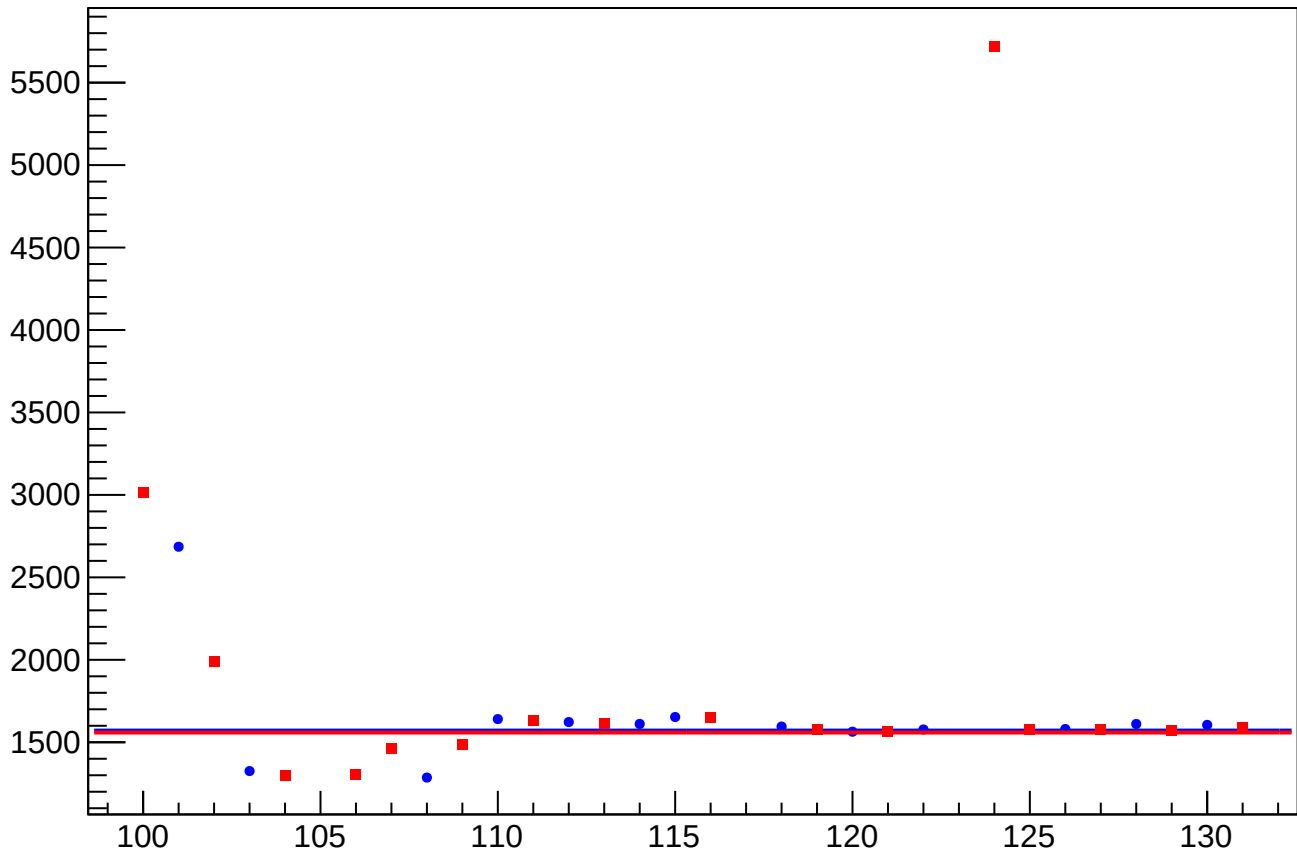
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 468.469+/-465.176 χ^2/NDF : 31.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_rms vs Slug



Right In: 1570.823+/-0.480 χ^2/NDF : 308597.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1558.984+/-0.452 χ^2/NDF : 312981.5/15

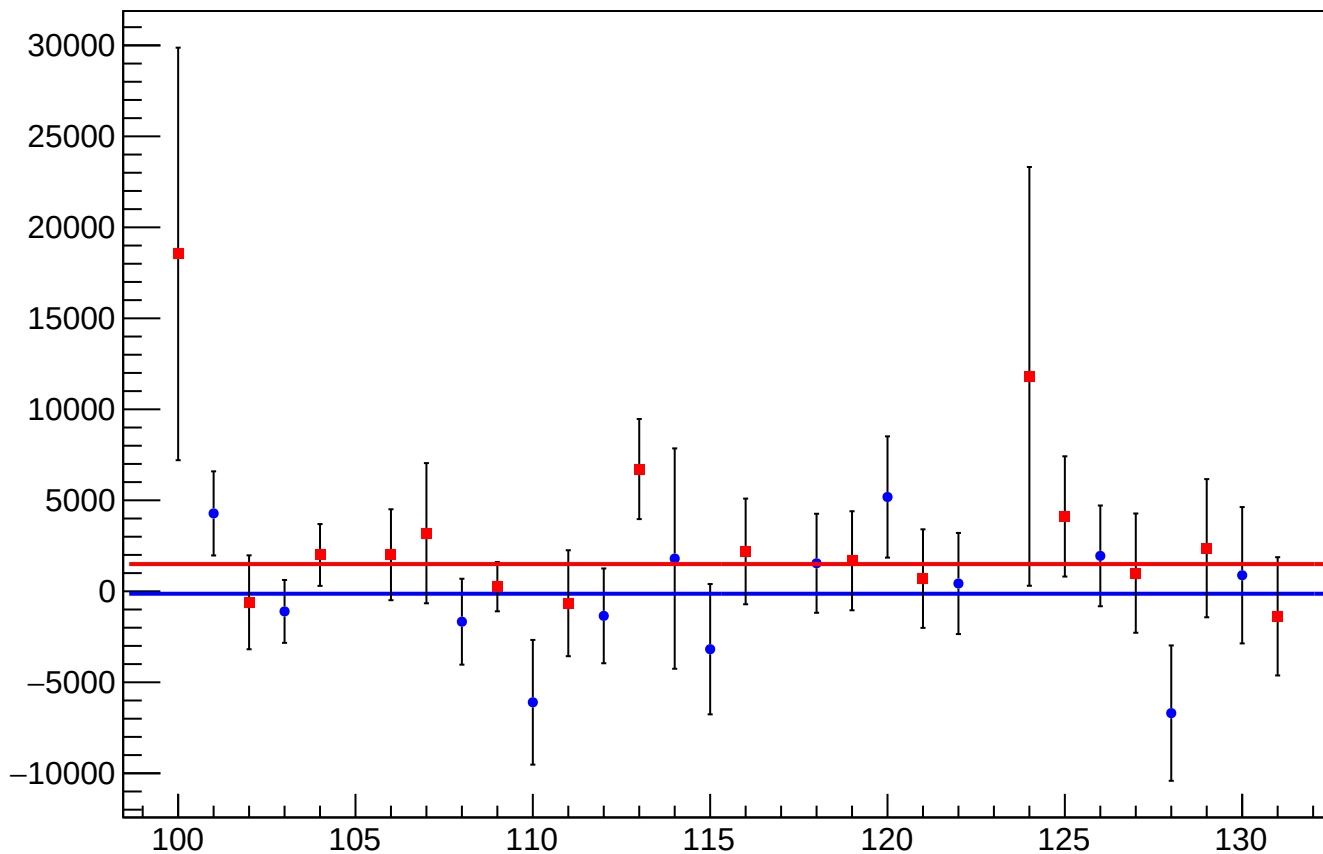
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1564.550+/-0.329 χ^2/NDF : 621901.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_reg_correction_mean vs Slug



Right In: -133.461+/-774.211 χ^2/NDF : 15.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1497.318+/-662.910 χ^2/NDF : 10.7/15

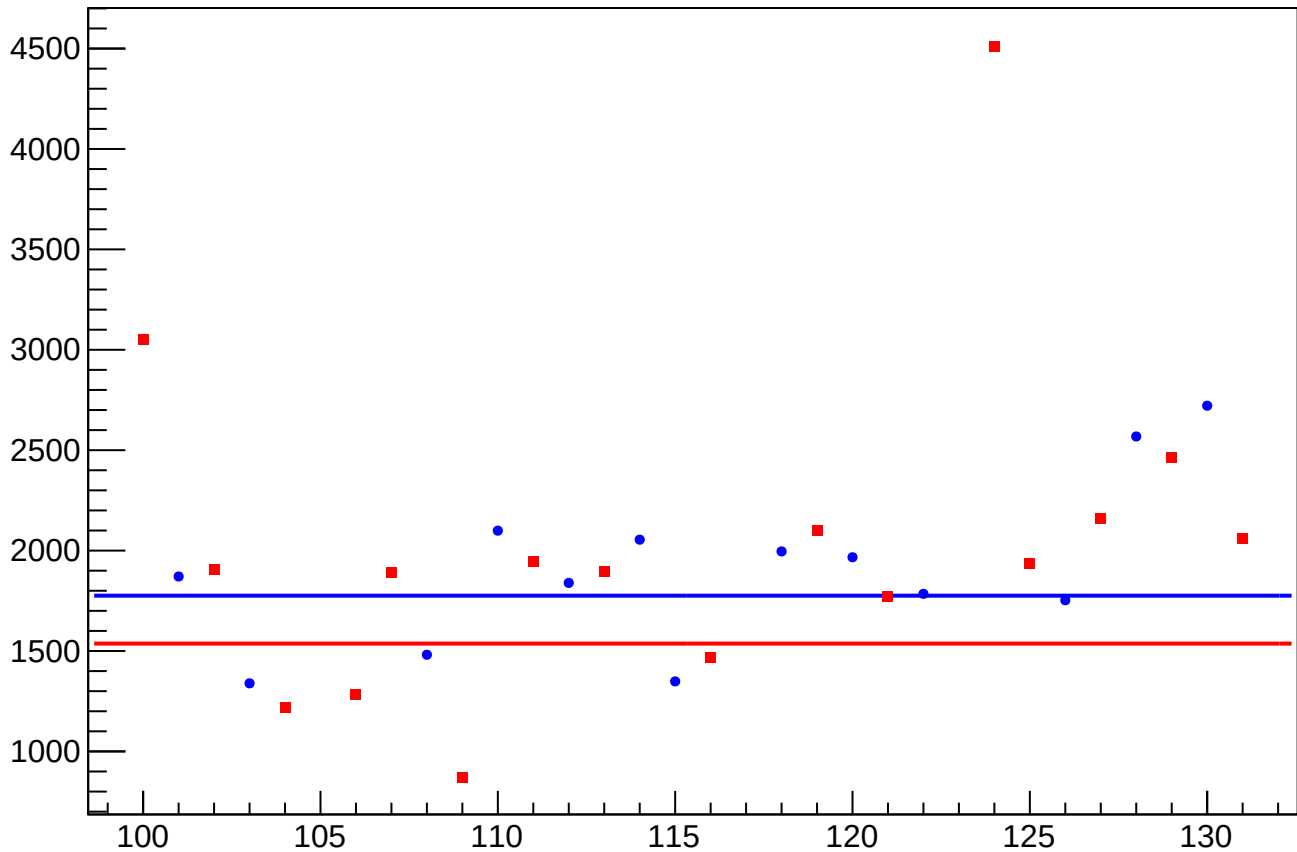
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 807.475+/-503.543 χ^2/NDF : 28.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_reg_correction_rms vs Slug



Right In: 1775.524+/-0.547 χ^2/NDF : 452176.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

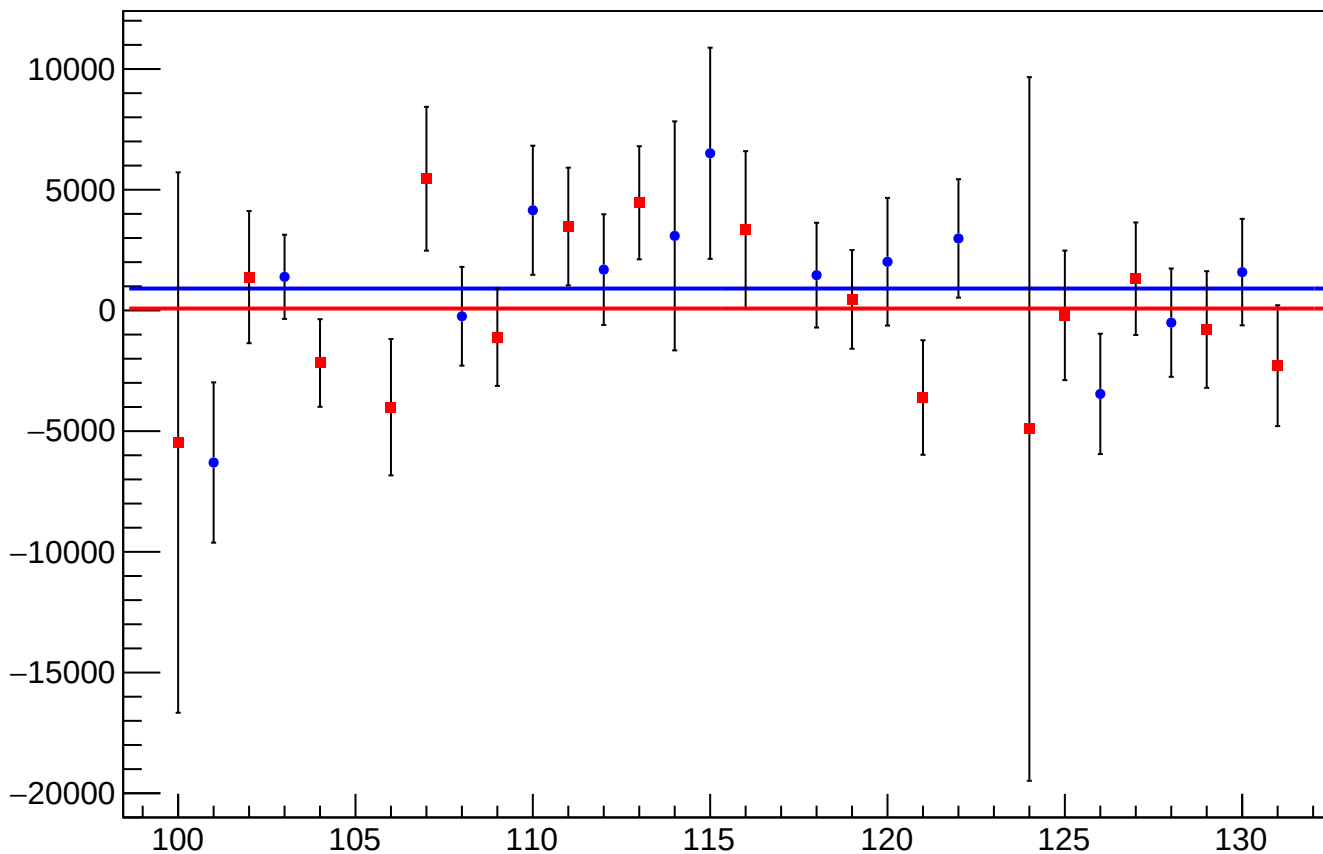
Right Out: 1536.992+/-0.469 χ^2/NDF : 1251573.3/15

All: 1637.894+/-0.356 χ^2/NDF : 1813288.4/28

- 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: 907.724 $\pm$ 678.467 χ^2 /NDF: 13.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 78.916 $\pm$ 639.021 χ^2 /NDF: 18.0/15

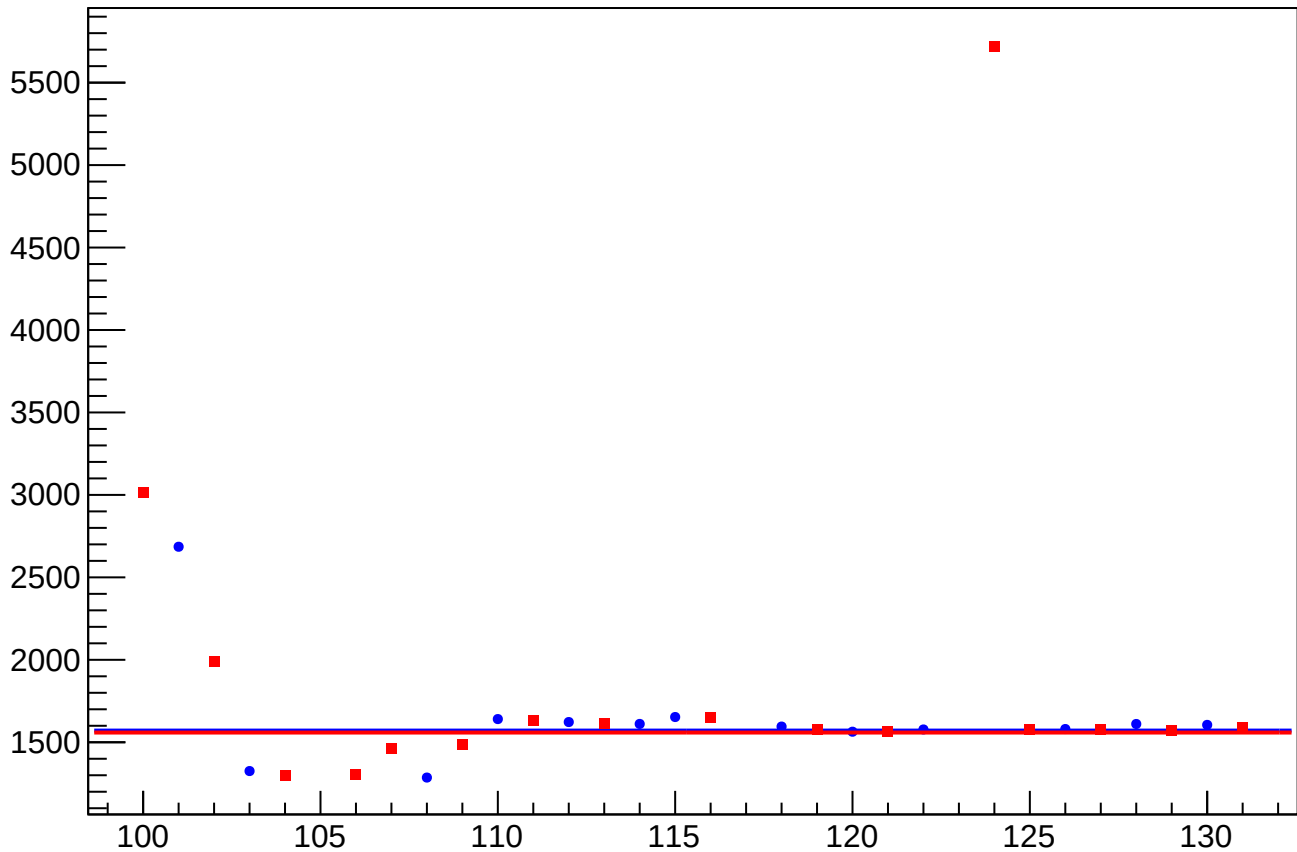
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 468.527 $\pm$ 465.176 χ^2 /NDF: 31.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_at2_dd_rms vs Slug



Right In: 1570.823+/-0.480 χ^2/NDF : 308597.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

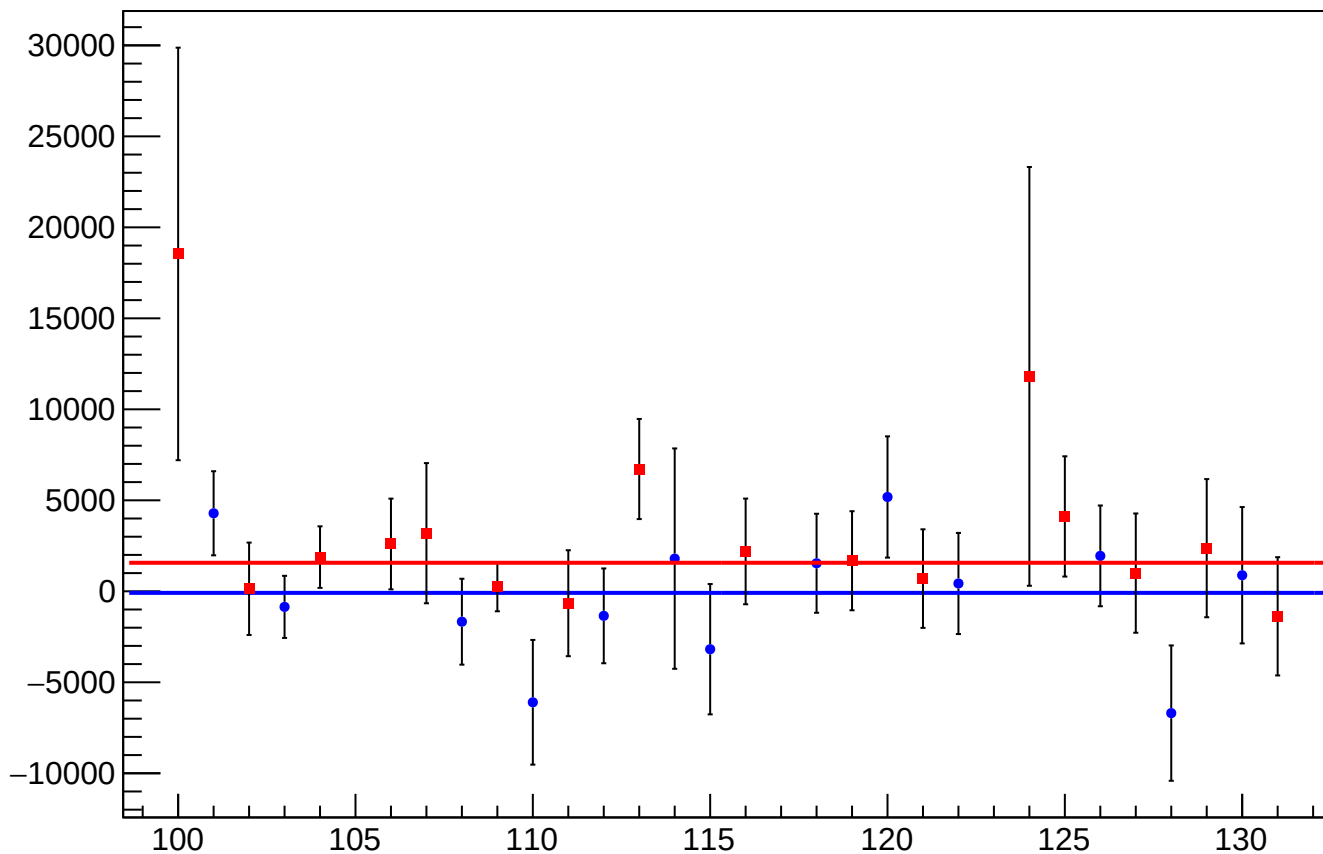
Right Out: 1558.984+/-0.452 χ^2/NDF : 312981.4/15

All: 1564.549+/-0.329 χ^2/NDF : 621901.5/28

- 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_cor_correction_mean vs Slug



Right In: -86.145+/-772.244 χ^2/NDF : 15.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1567.653+/-661.614 χ^2/NDF : 10.4/15

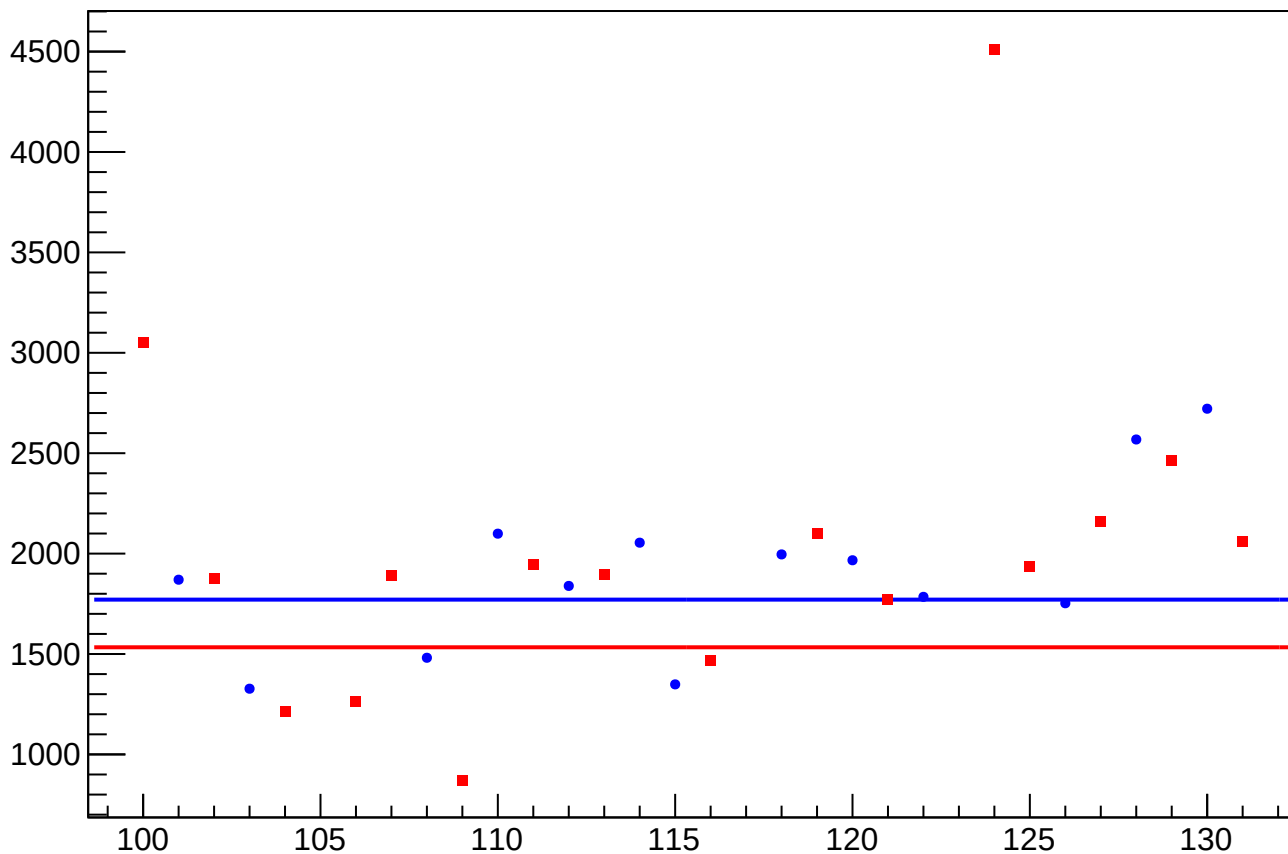
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 867.599+/-502.434 χ^2/NDF : 28.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_cor_correction_rms vs Slug



Right In: 1770.846+/-0.546 χ^2/NDF : 462374.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1533.498+/-0.468 χ^2/NDF : 1251844.6/15

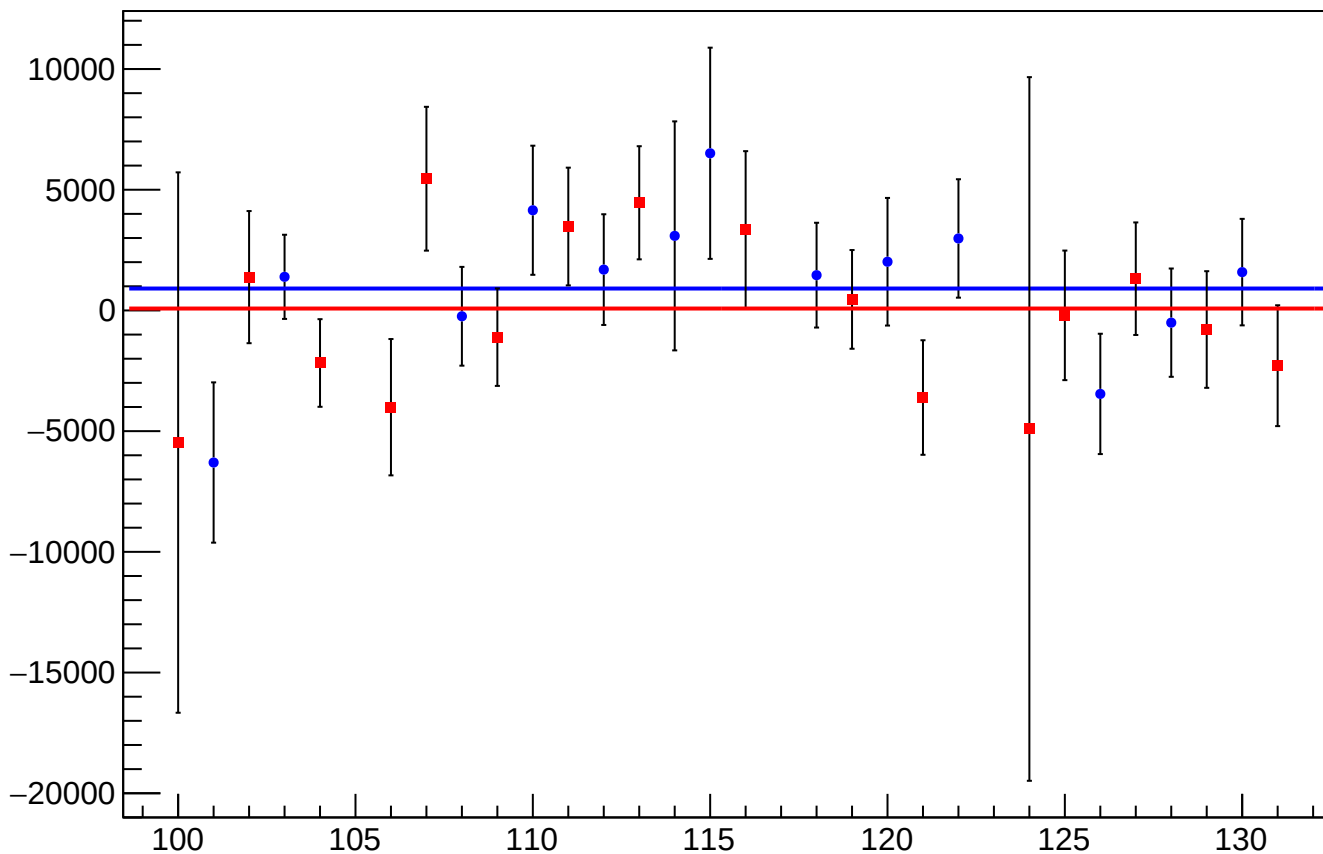
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1633.968+/-0.355 χ^2/NDF : 1823172.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at2_dd_mean vs Slug



Right In: 907.724+/-678.467 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.916+/-639.021 χ^2/NDF : 18.0/15

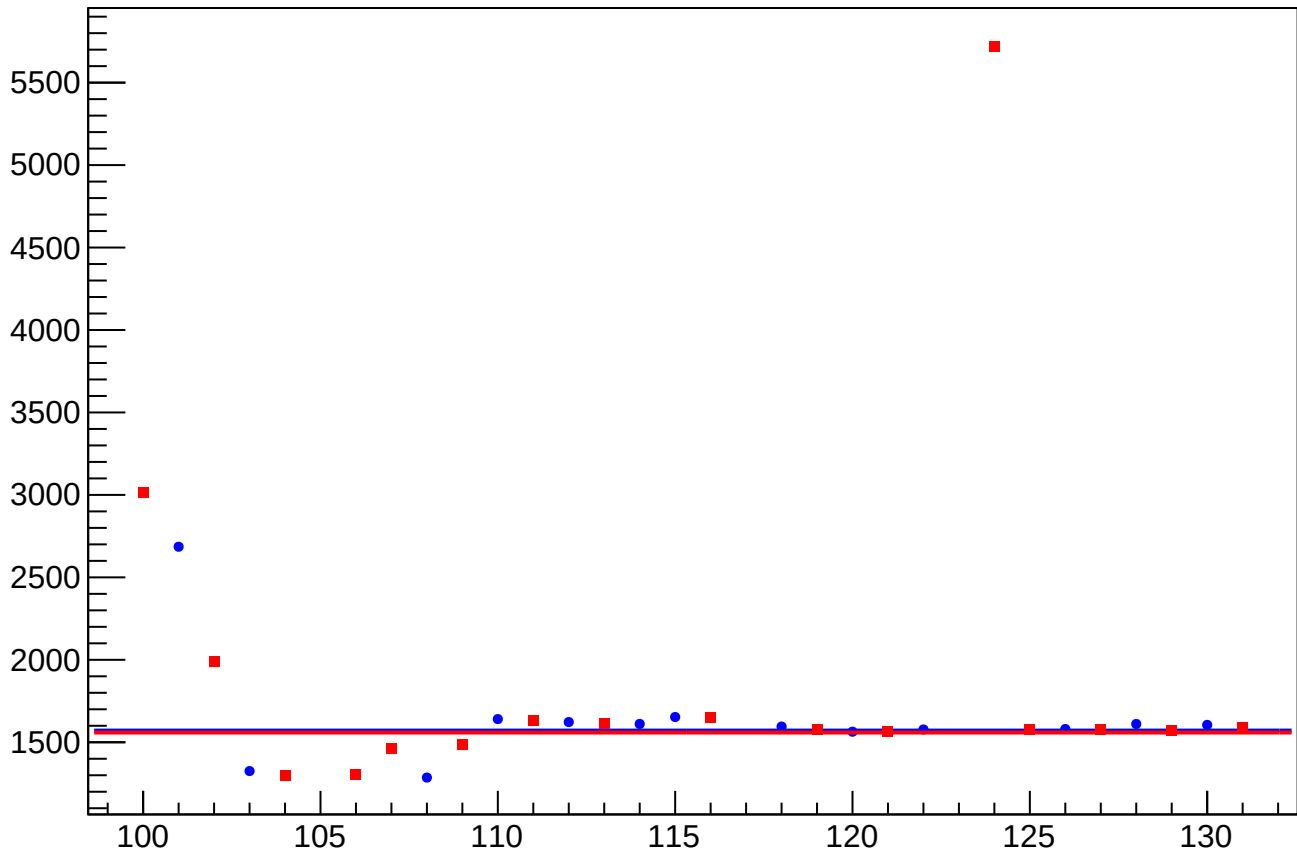
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 468.527+/-465.176 χ^2/NDF : 31.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at2_dd_rms vs Slug



Right In: 1570.823+/-0.480 χ^2/NDF : 308597.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1558.984+/-0.452 χ^2/NDF : 312981.4/15

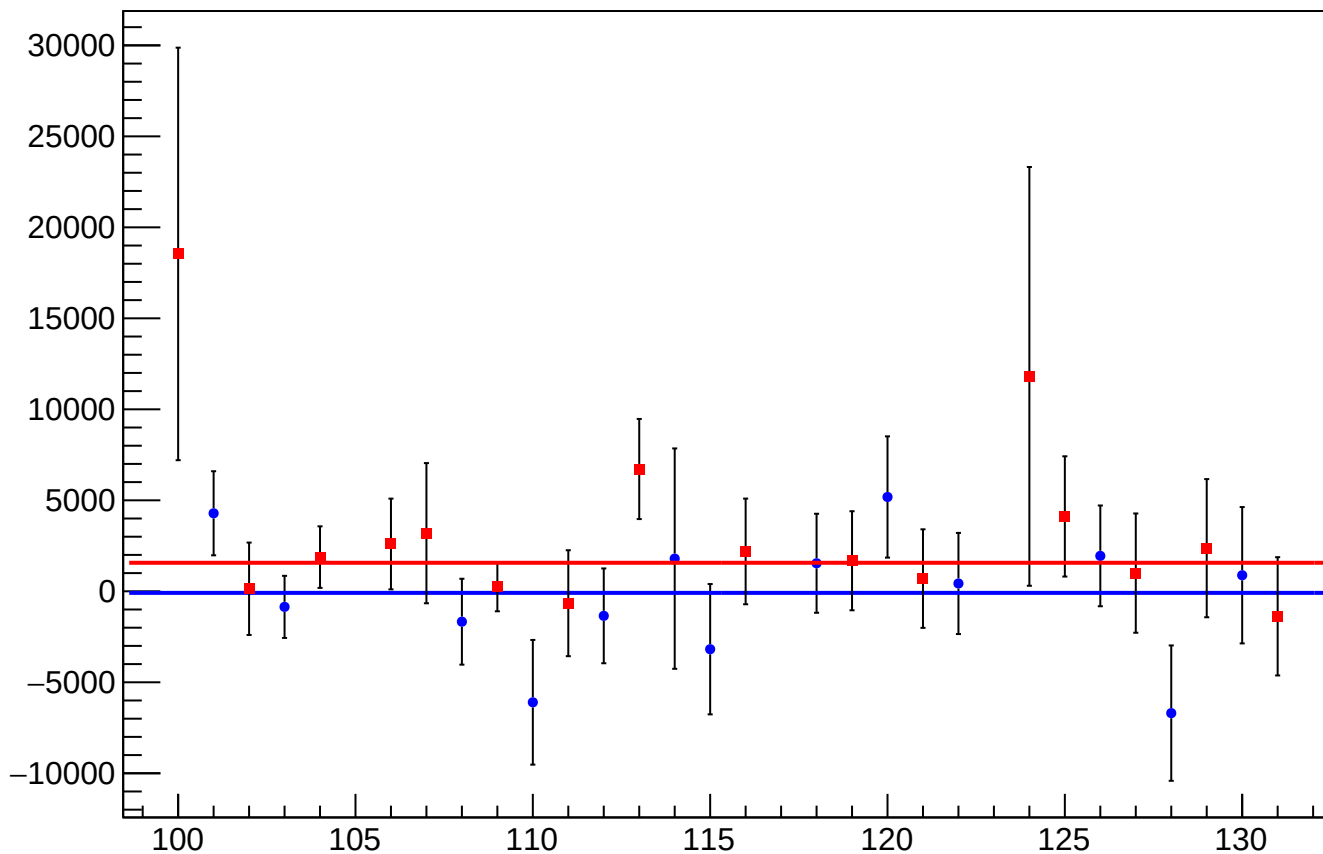
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1564.549+/-0.329 χ^2/NDF : 621901.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_cor_correction_mean vs Slug



Right In: -86.145+/-772.244 χ^2/NDF : 15.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1567.653+/-661.614 χ^2/NDF : 10.4/15

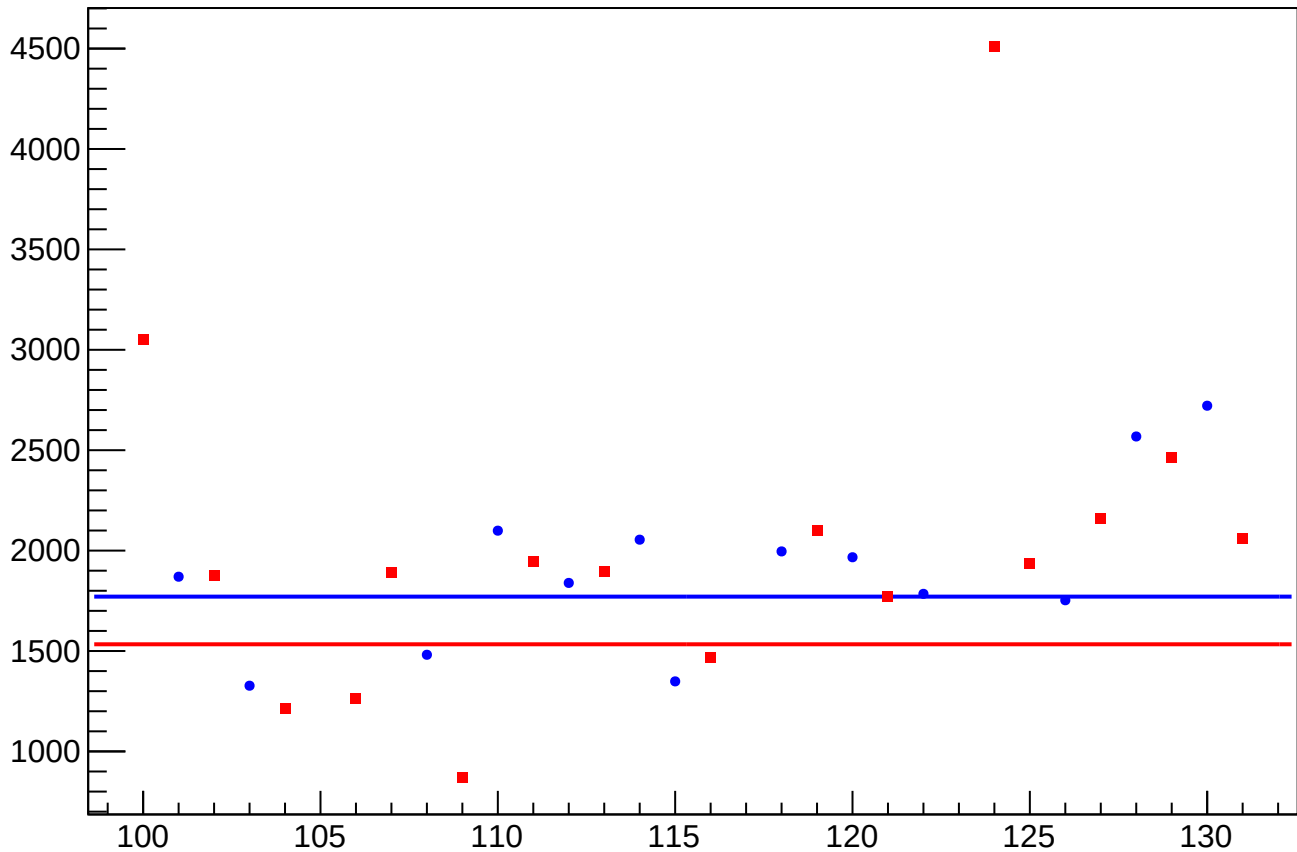
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 867.599+/-502.434 χ^2/NDF : 28.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_cor_correction_rms vs Slug



Right In: 1770.846+/-0.546 χ^2/NDF : 462374.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1533.498+/-0.468 χ^2/NDF : 1251844.6/15

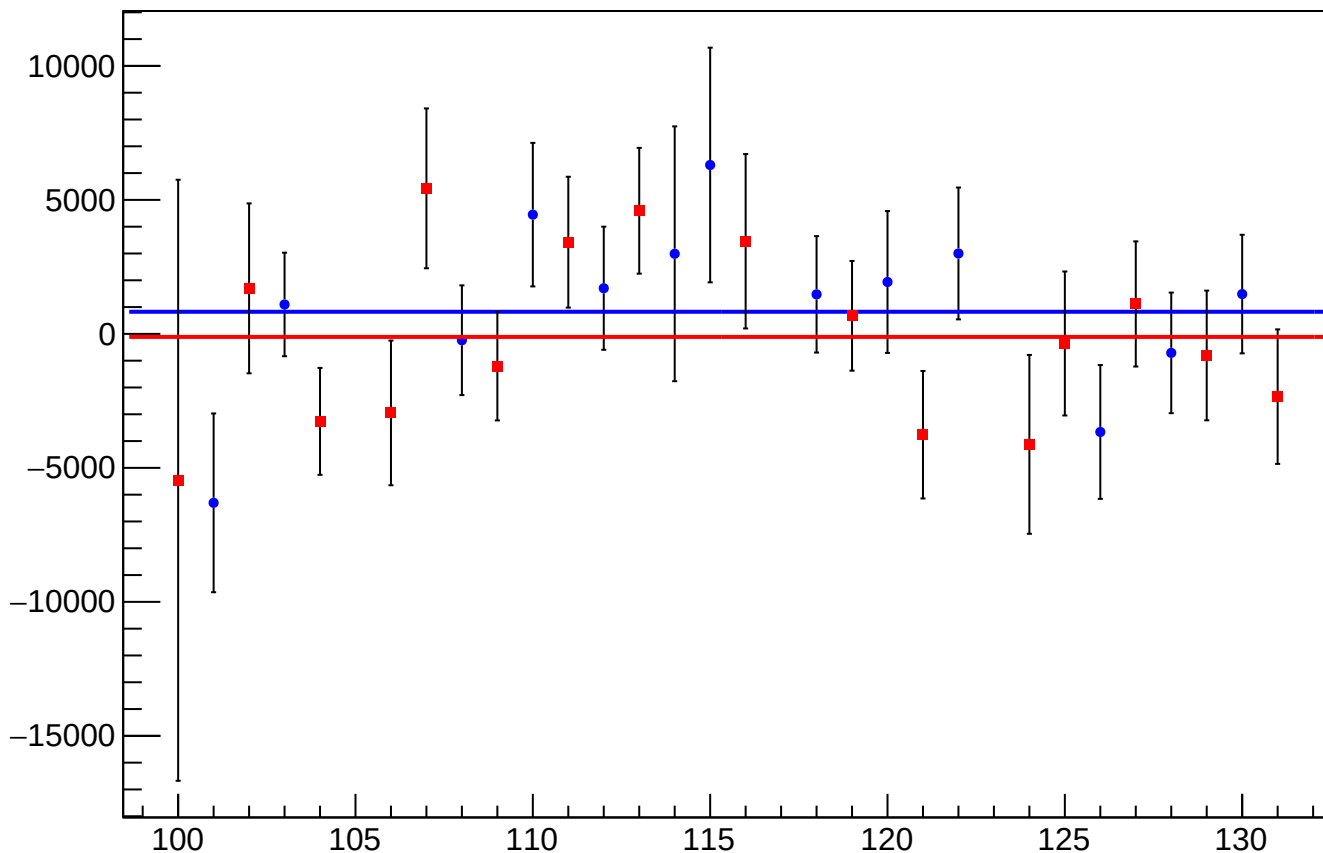
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1633.968+/-0.355 χ^2/NDF : 1823172.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at2_dd_mean vs Slug



Right In: 825.508 ± 689.391 χ^2/NDF : 13.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -112.954 ± 638.486 χ^2/NDF : 20.3/15

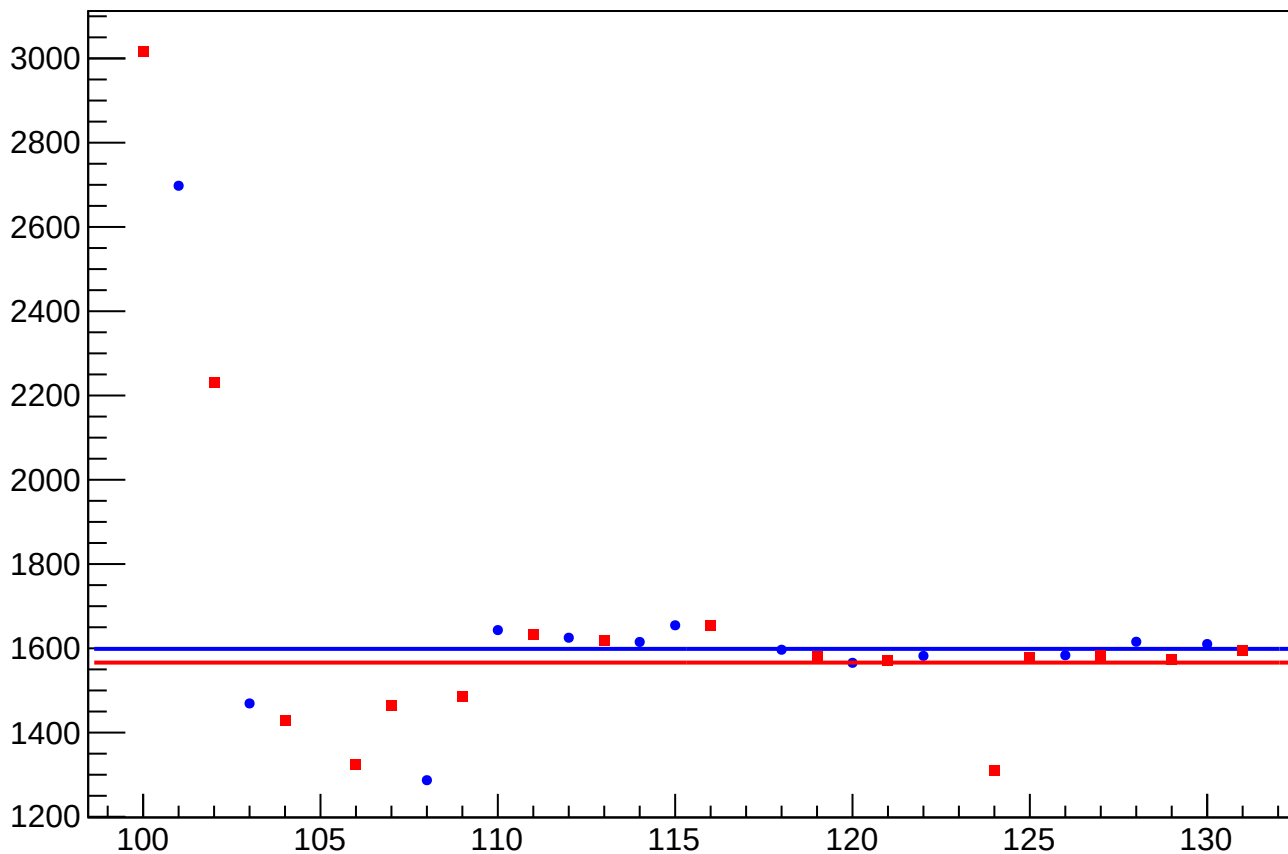
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 320.353 ± 468.441 χ^2/NDF : 34.8/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_at2_dd_rms vs Slug



Right In: 1598.688 $\pm$ 0.487 χ^2 /NDF: 274308.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1566.137 $\pm$ 0.451 χ^2 /NDF: 168180.3/15

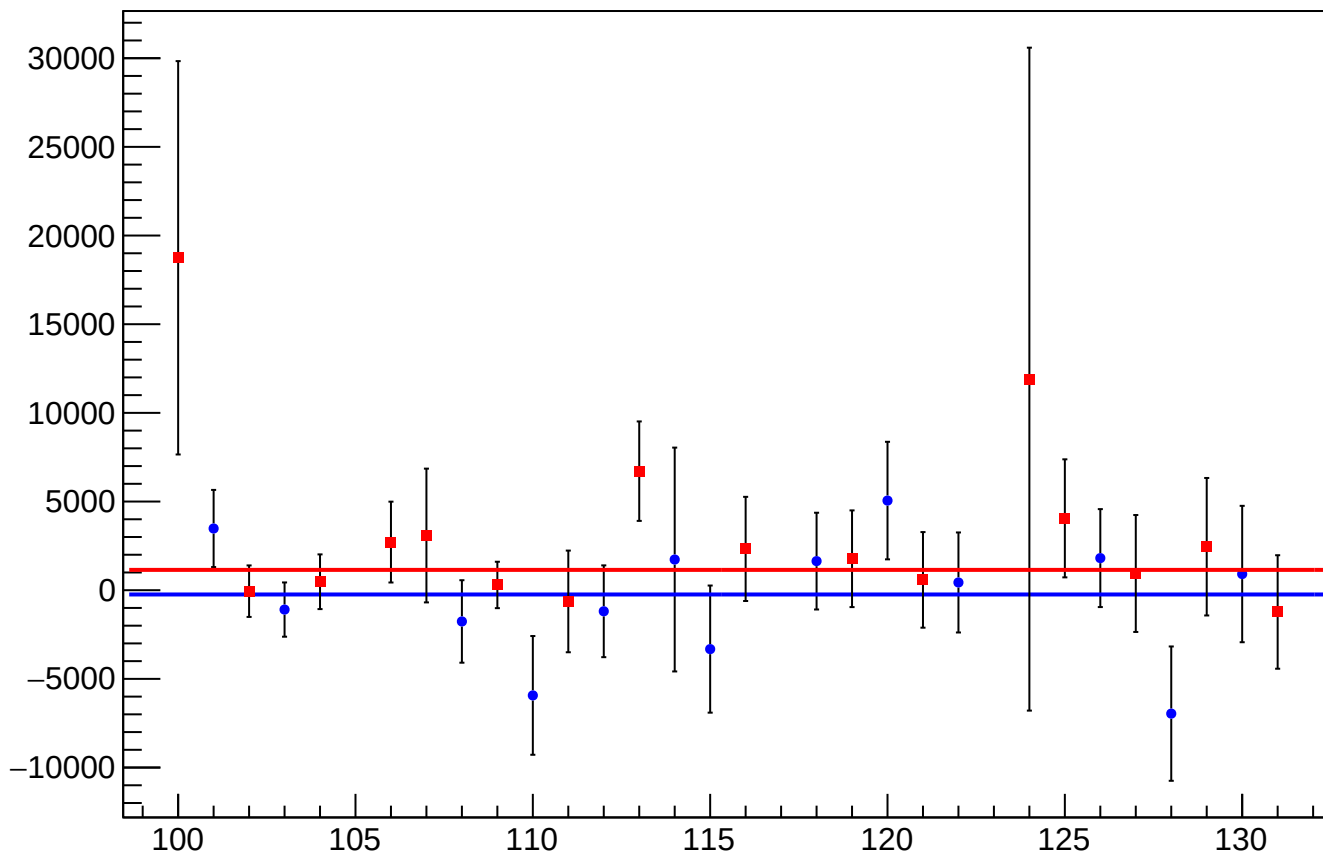
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1581.166 $\pm$ 0.331 χ^2 /NDF: 444888.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_dit_correction_mean vs Slug



Right In: -240.759+/-748.604 χ^2 /NDF: 14.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1145.936+/-604.593 χ^2 /NDF: 10.9/15

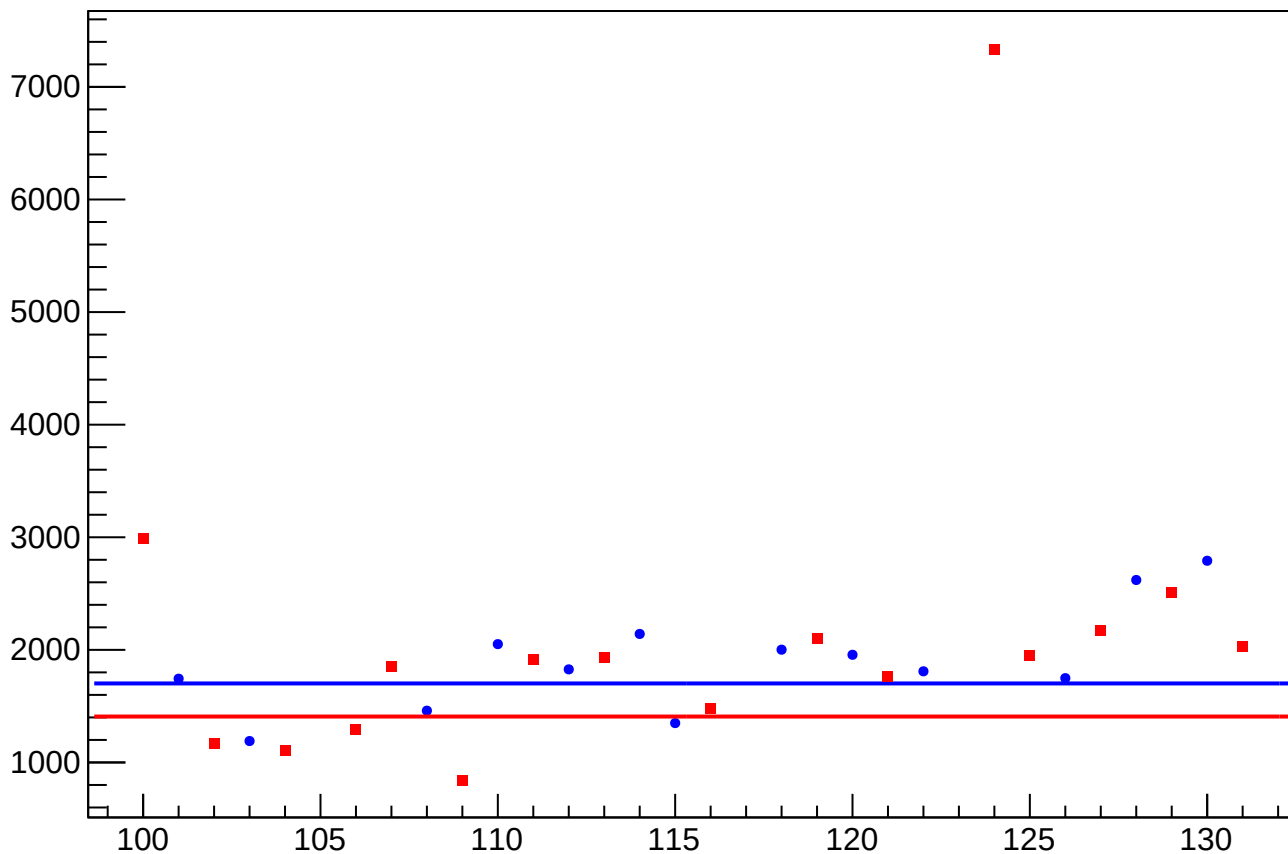
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 598.512+/-470.353 χ^2 /NDF: 27.4/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_dit_correction_rms vs Slug



Right In: 1701.714+/-0.529 χ^2/NDF : 619208.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

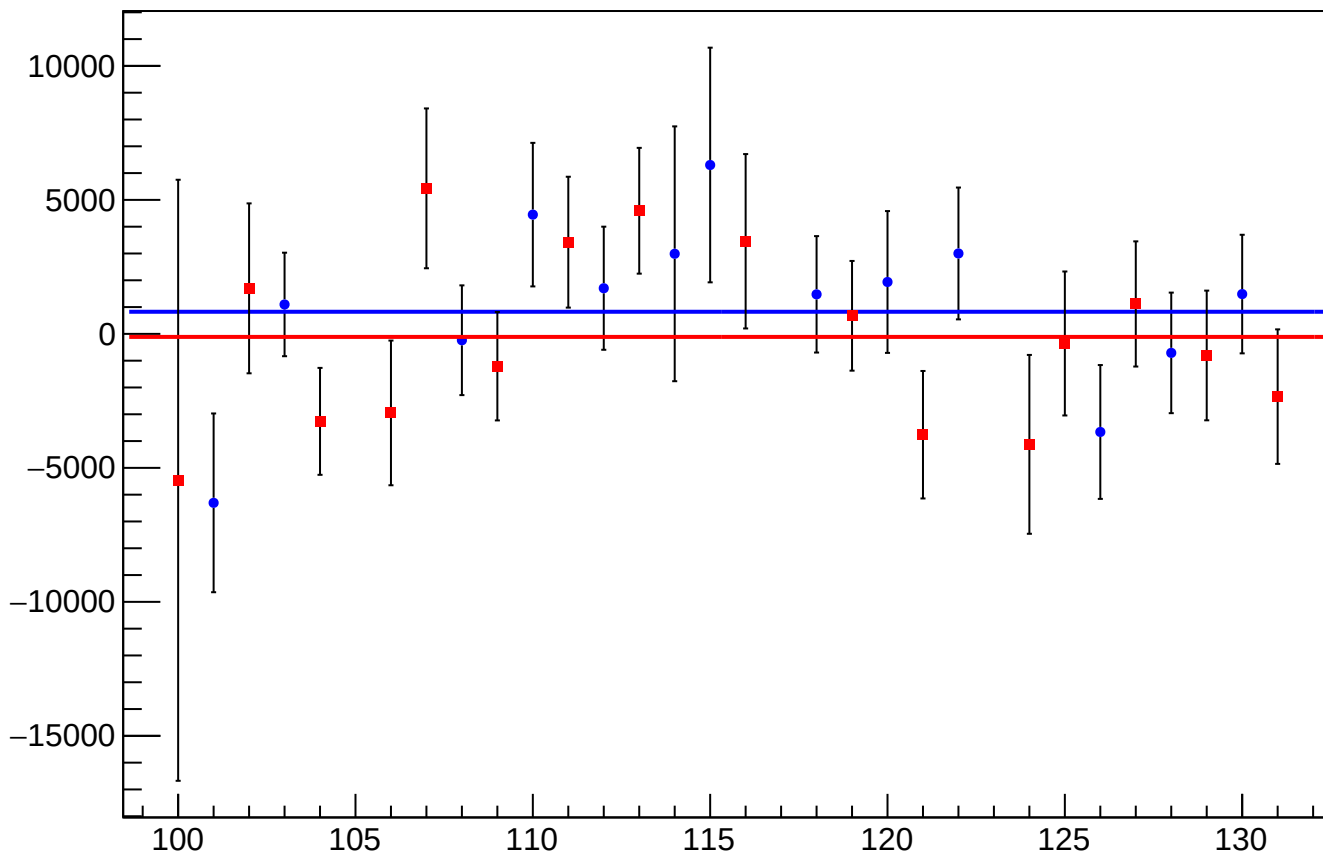
Right Out: 1407.793+/-0.428 χ^2/NDF : 1479110.8/15

All: 1523.824+/-0.333 χ^2/NDF : 2284918.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at2_dd_mean vs Slug



Right In: 825.505 $\pm$ 689.391 χ^2 /NDF: 13.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -112.958 $\pm$ 638.486 χ^2 /NDF: 20.3/15

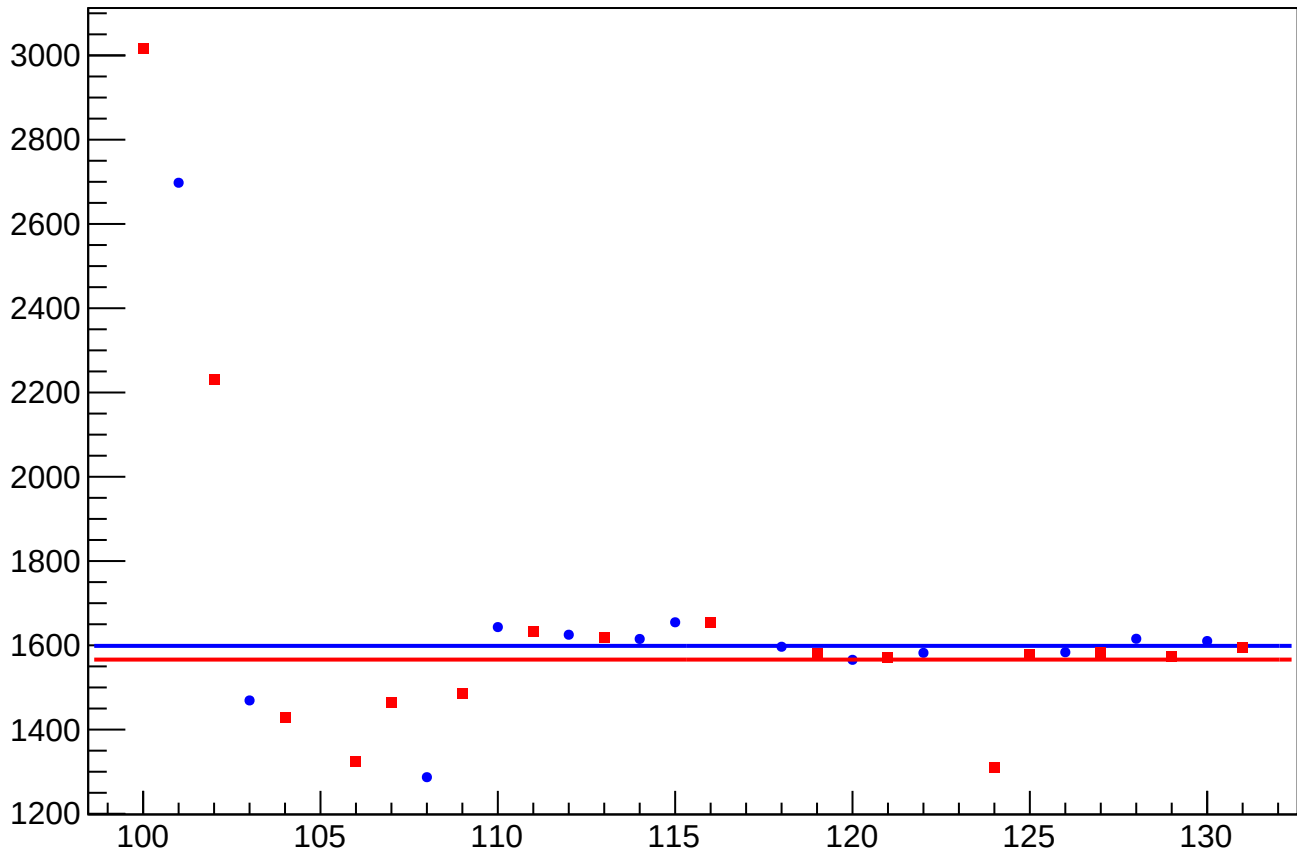
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 320.349 $\pm$ 468.441 χ^2 /NDF: 34.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at2_dd_rms vs Slug



Right In: 1598.688 $\pm$ 0.487 χ^2 /NDF: 274308.1/12

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

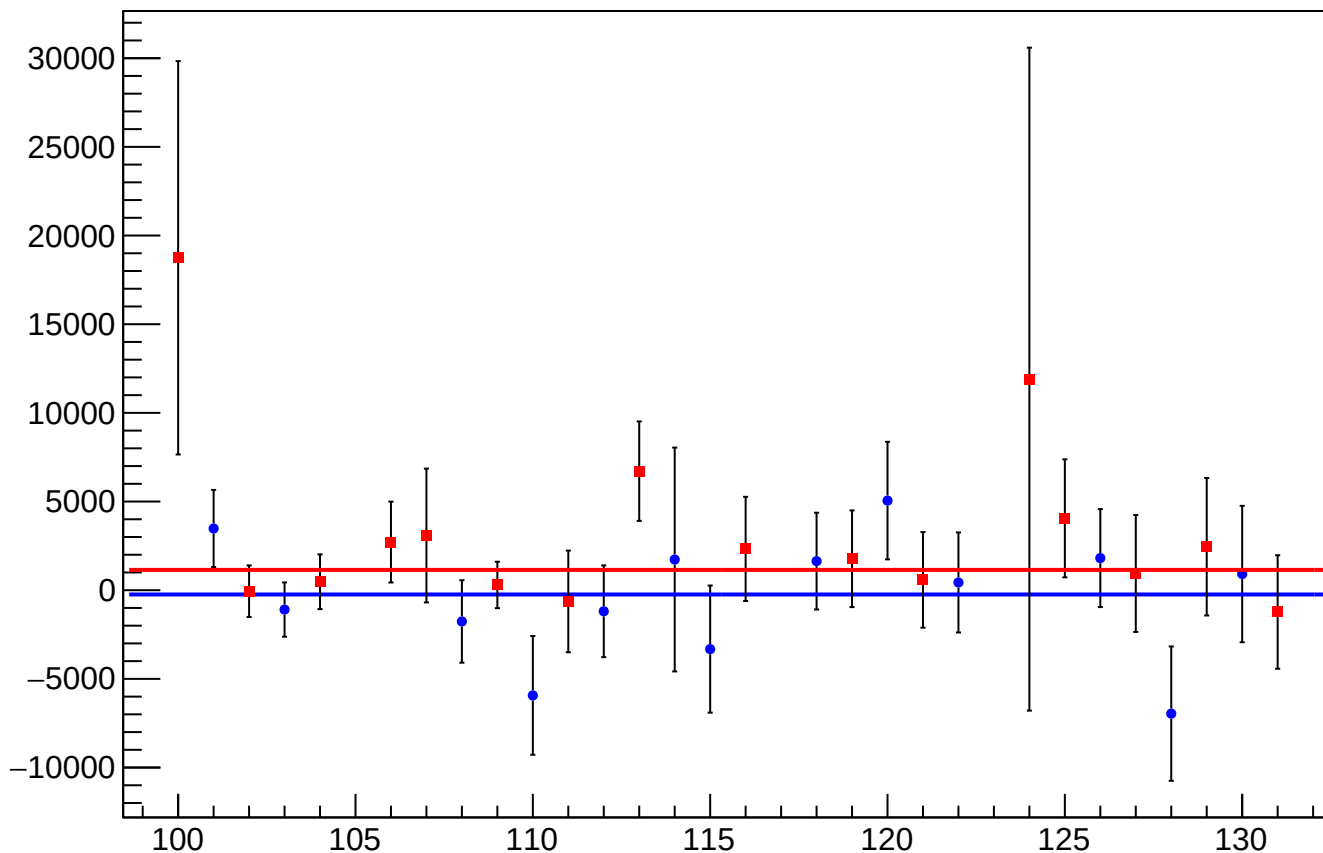
Right Out: 1566.137 $\pm$ 0.451 χ^2 /NDF: 168180.4/15

All: 1581.166 $\pm$ 0.331 χ^2 /NDF: 444888.7/28

- 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_eigen_dit_correction_mean vs Slug



Right In: -240.759+/-748.602 χ^2 /NDF: 14.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1145.939+/-604.594 χ^2 /NDF: 10.9/15

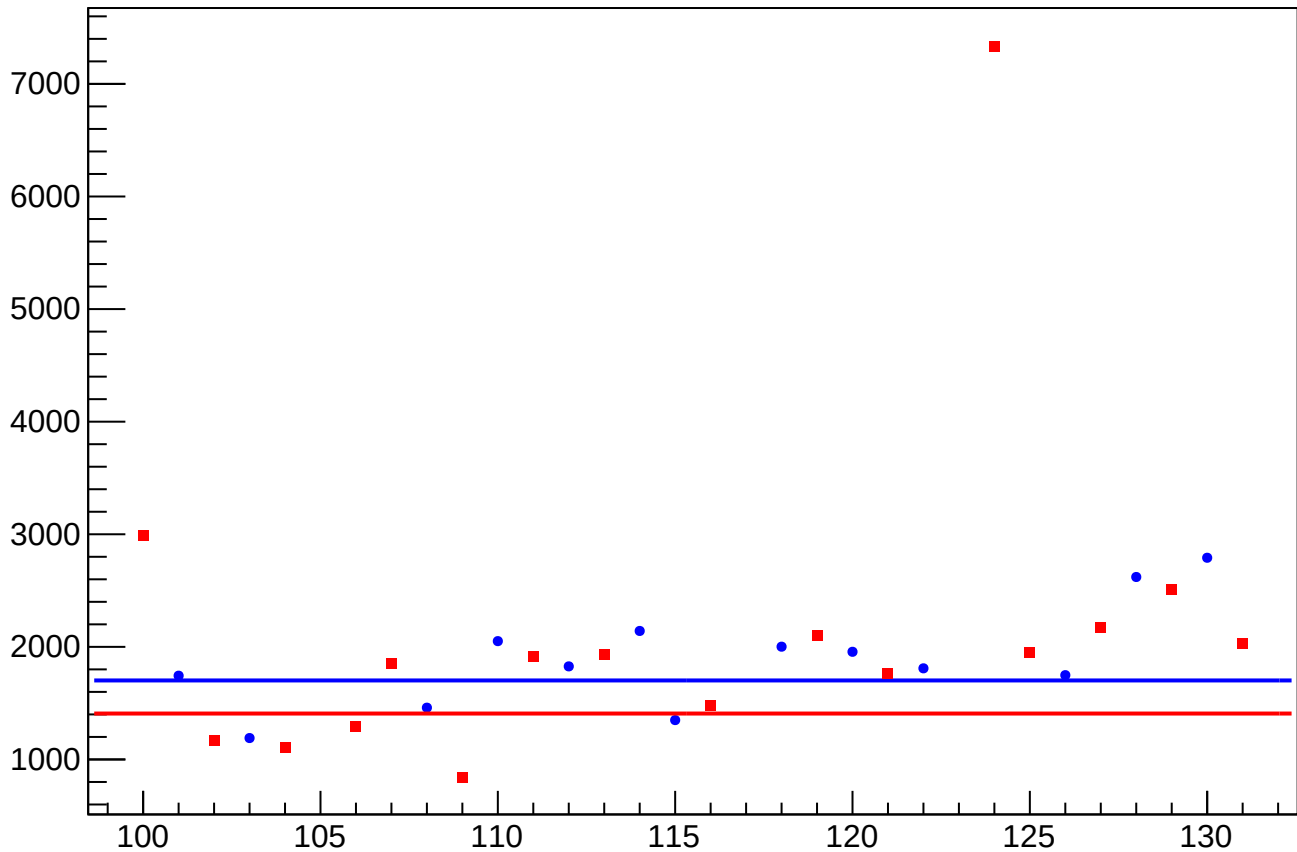
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 598.511+/-470.353 χ^2 /NDF: 27.4/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_eigen_dit_correction_rms vs Slug



Right In: 1701.711+/-0.529 χ^2/NDF : 619199.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1407.798+/-0.428 χ^2/NDF : 1479077.9/15

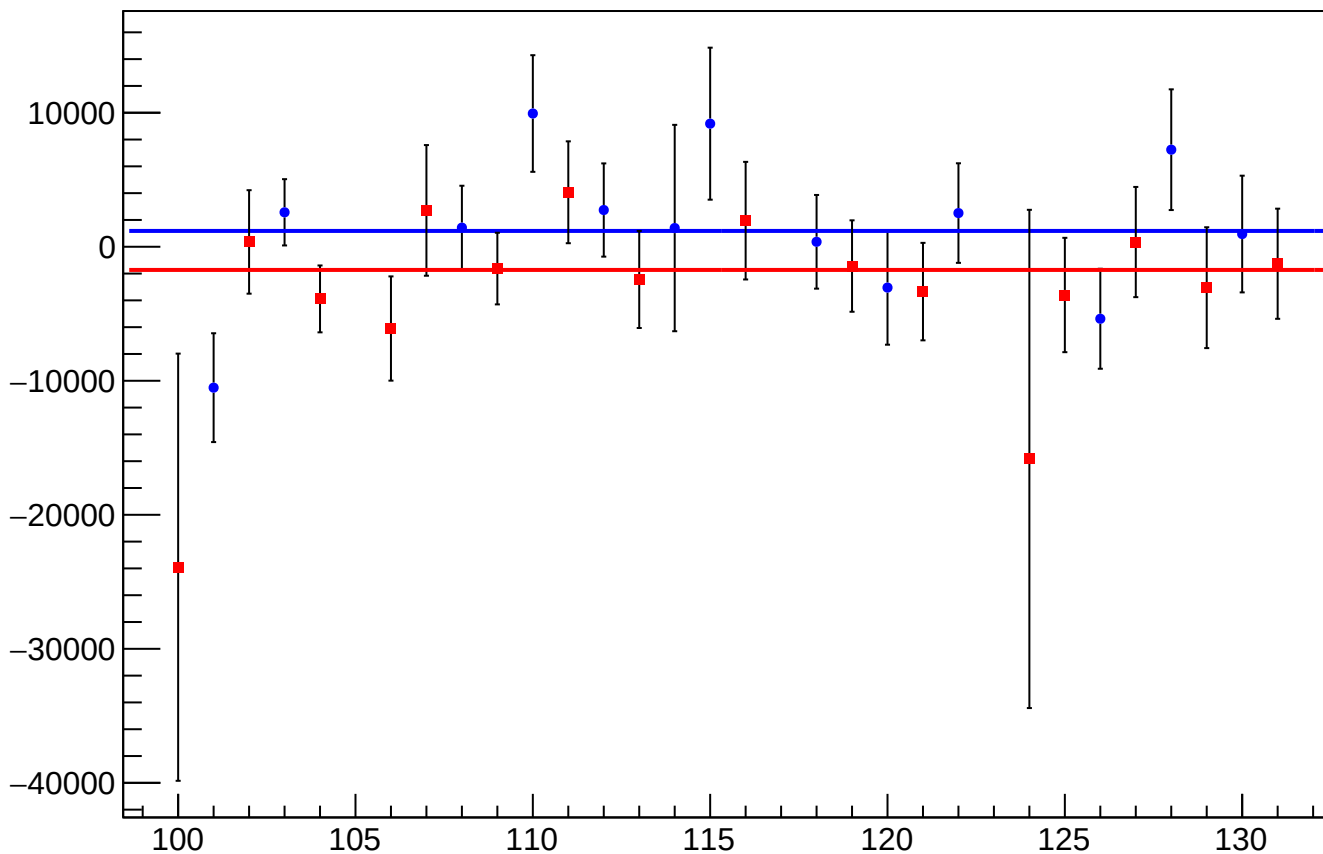
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1523.826+/-0.333 χ^2/NDF : 2284866.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_mean vs Slug



Right In: 1180.771+/-1058.155 χ^2/NDF : 20.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1729.569+/-969.312 χ^2/NDF : 9.5/15

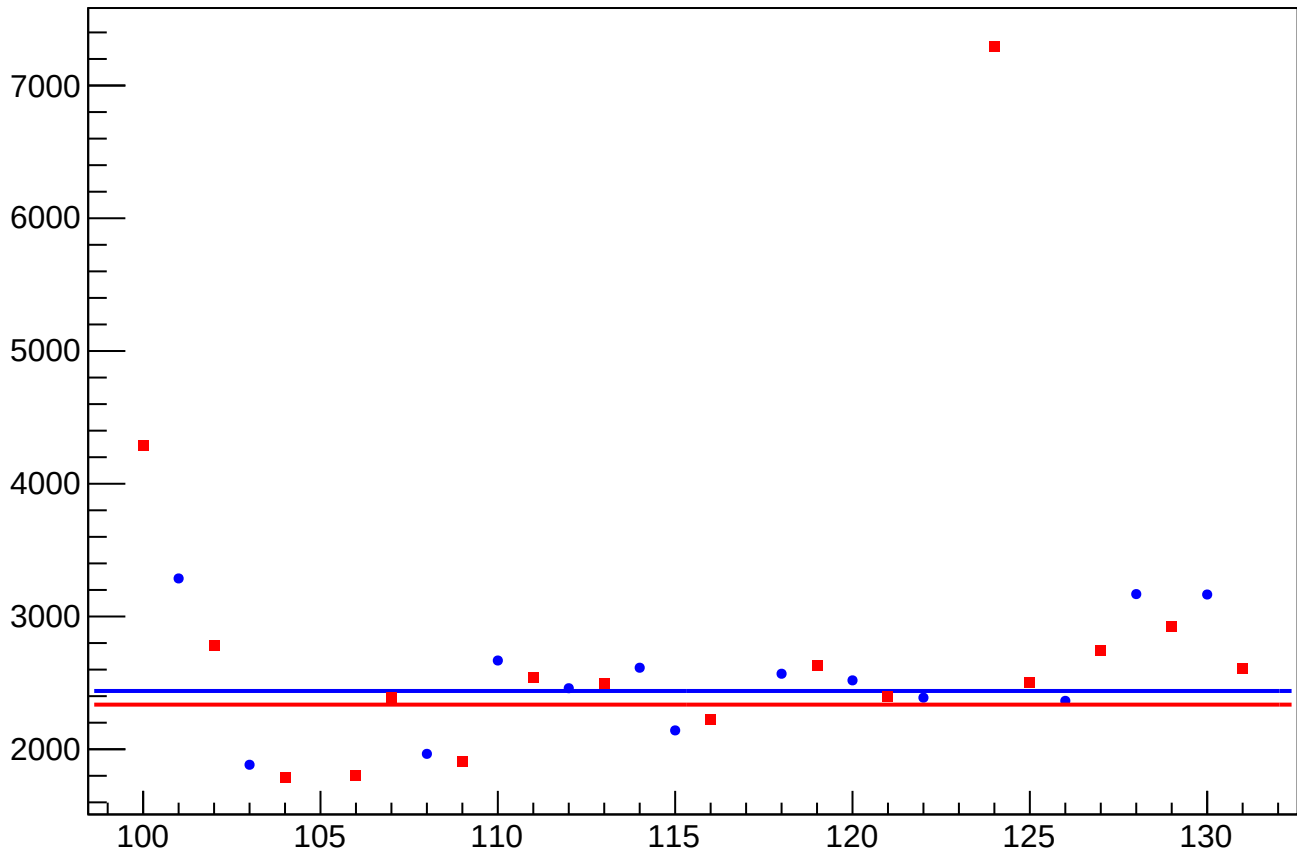
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -401.685+/-714.755 χ^2/NDF : 34.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_rms vs Slug



Right In: 2438.995+/-0.748 χ^2/NDF : 359141.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2336.111+/-0.685 χ^2/NDF : 478532.3/15

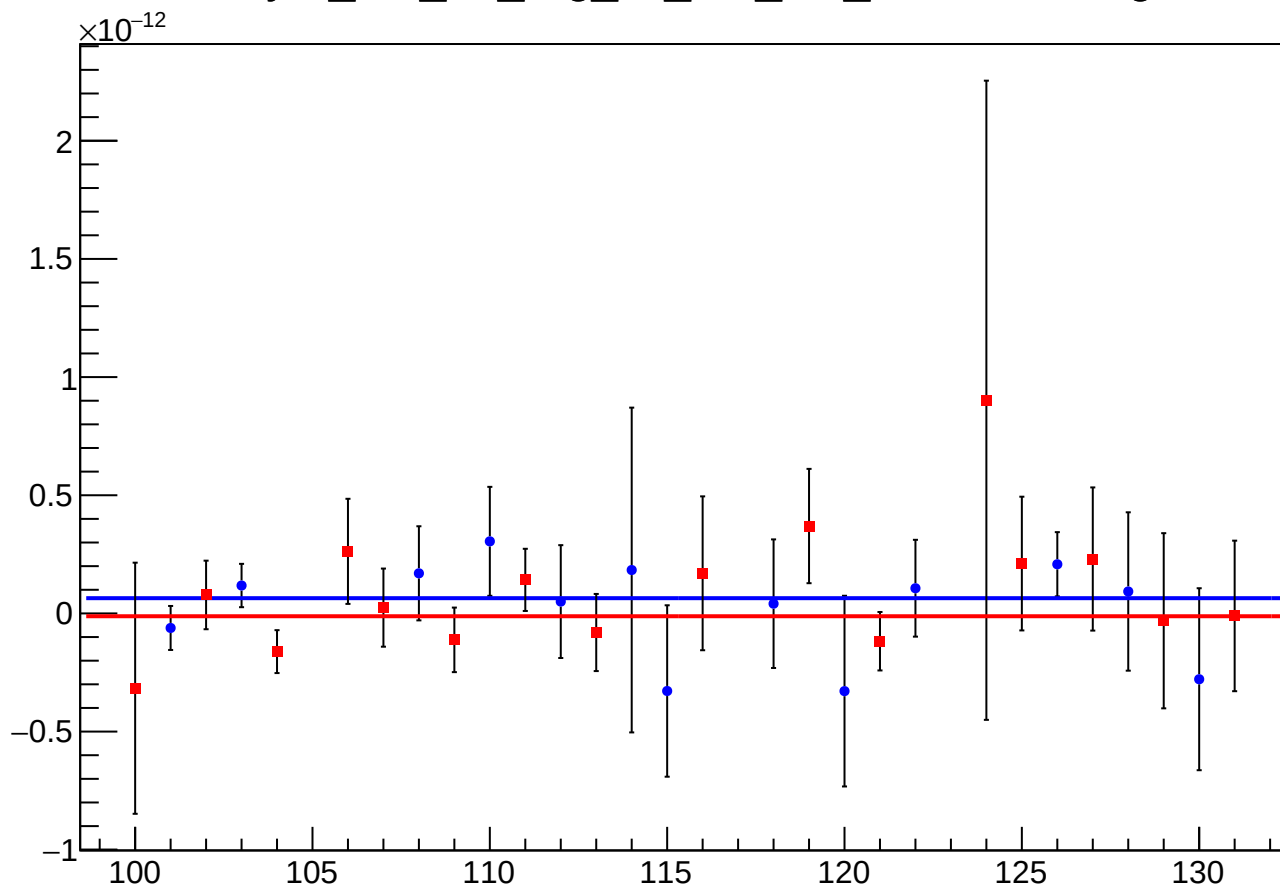
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2383.053+/-0.505 χ^2/NDF : 847954.5/28

- 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 $\pm$ 0.000 χ^2 /NDF: 7.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.3/15

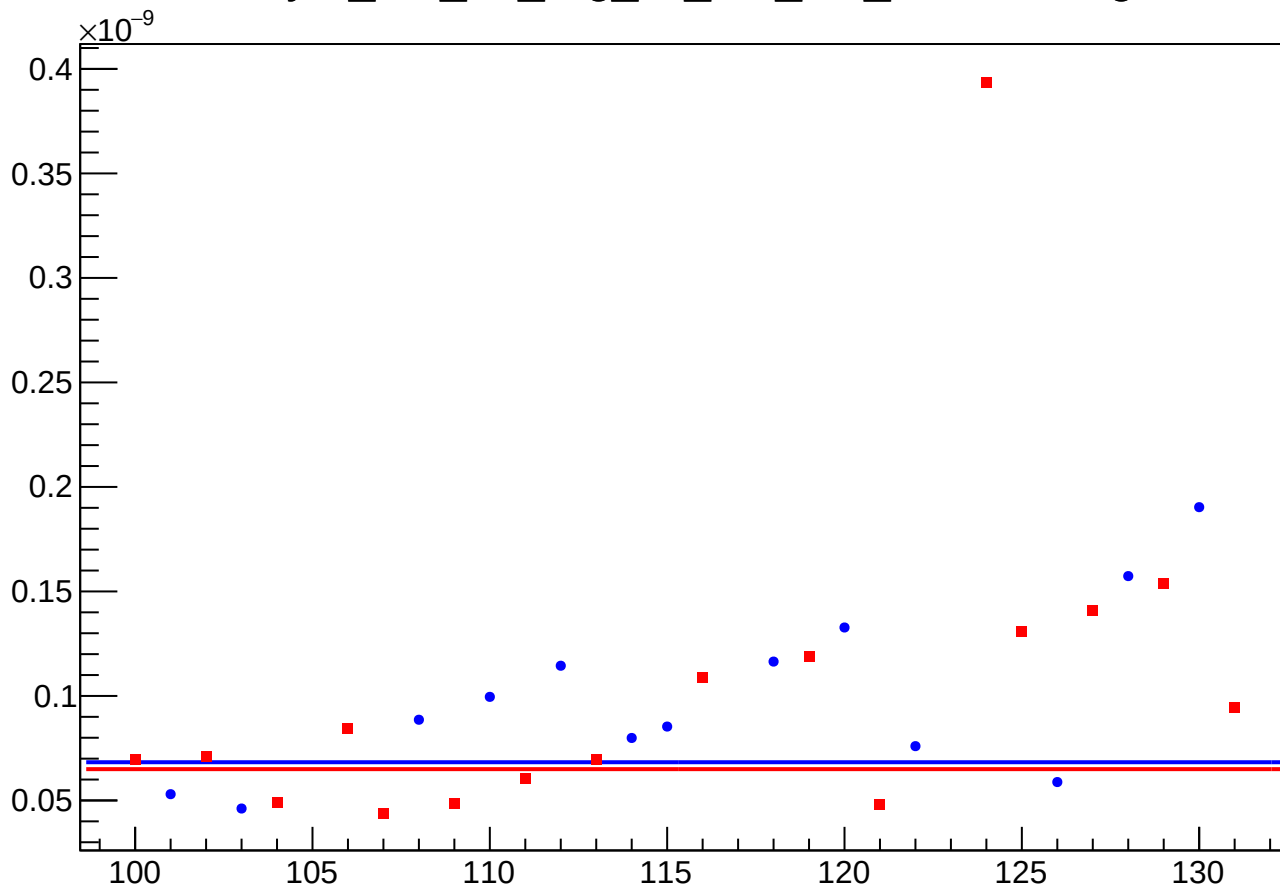
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 21.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 776553.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 803787.8/15

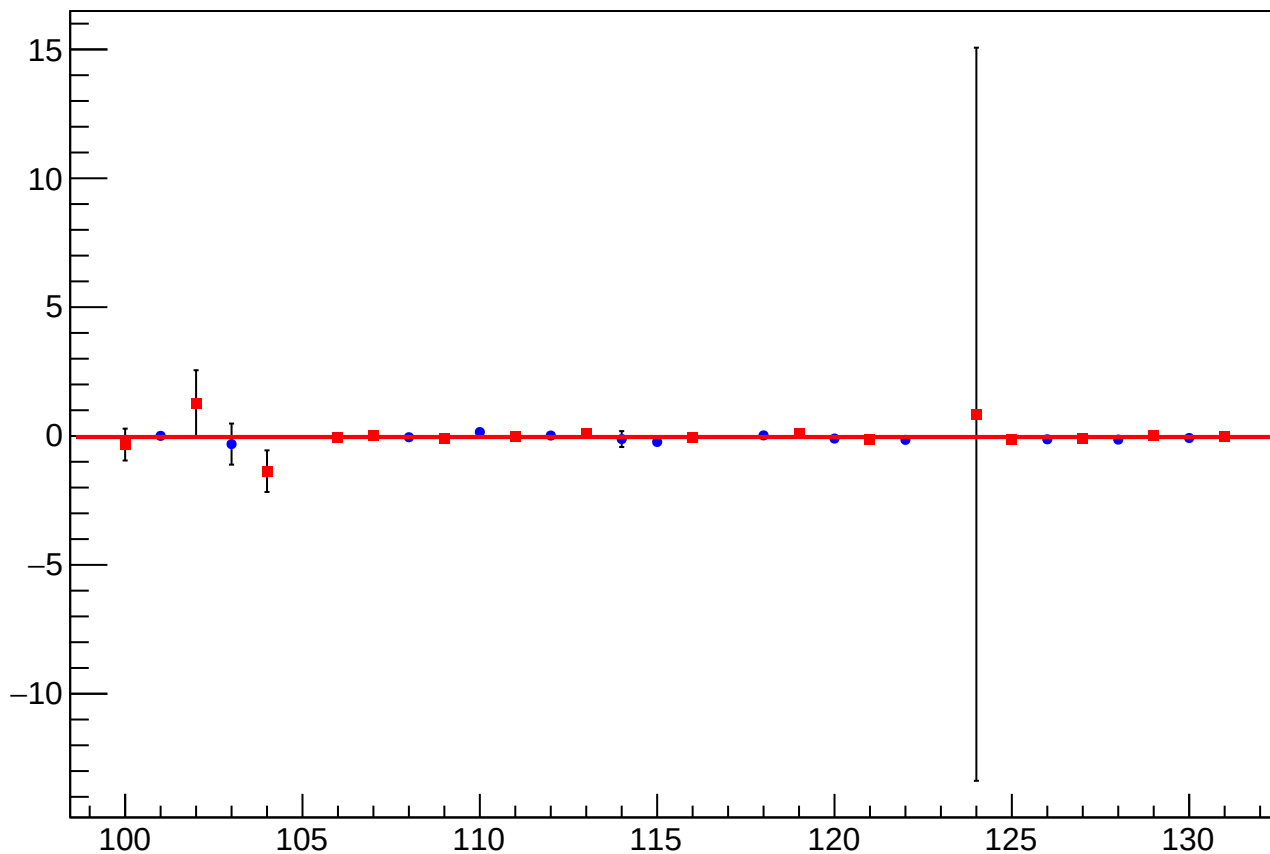
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1585382.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.042 ± 0.034 $\chi^2/\text{NDF}: 6.2/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.035 ± 0.029 $\chi^2/\text{NDF}: 10.6/15$

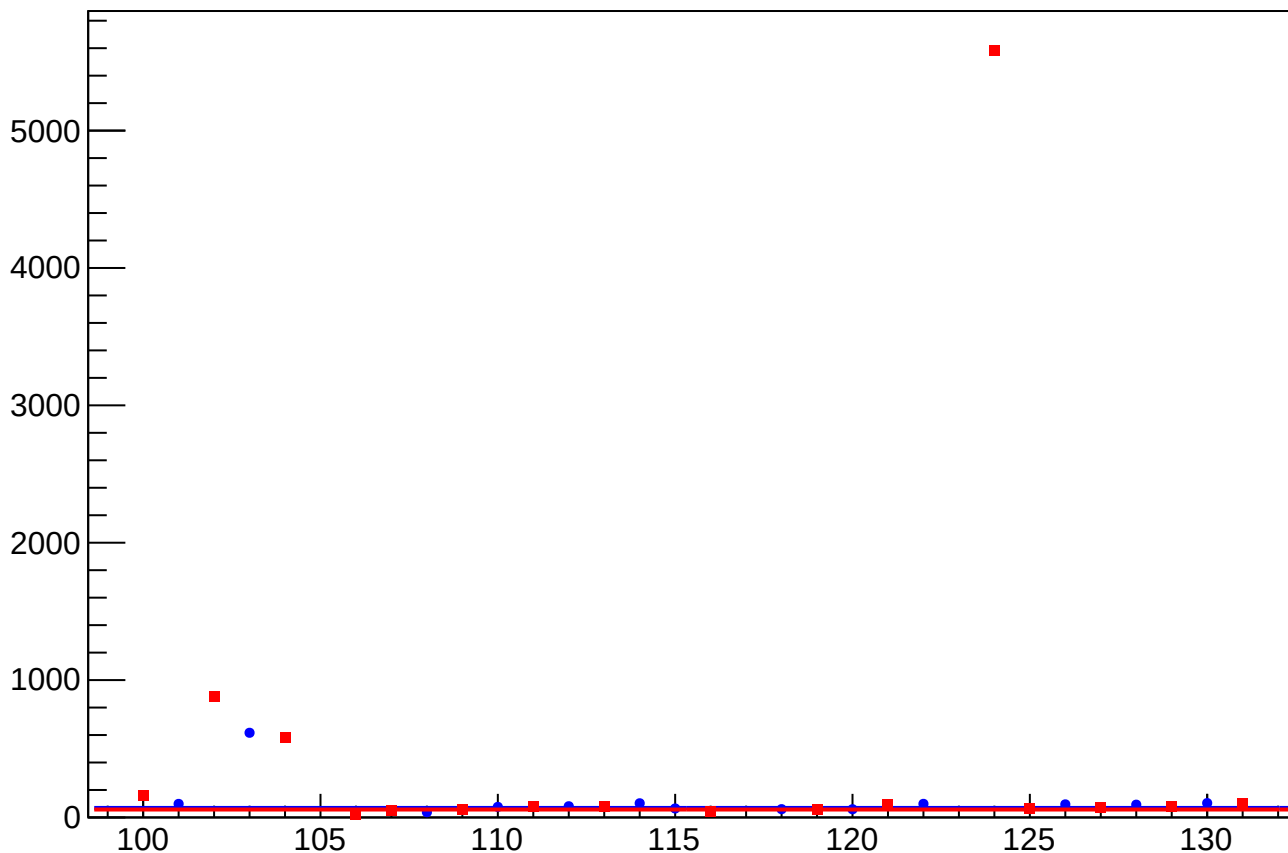
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.038 ± 0.022 $\chi^2/\text{NDF}: 16.8/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_at2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 69.273+/-0.024 χ^2/NDF : 1874409.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.744+/-0.020 χ^2/NDF : 3134330.0/15

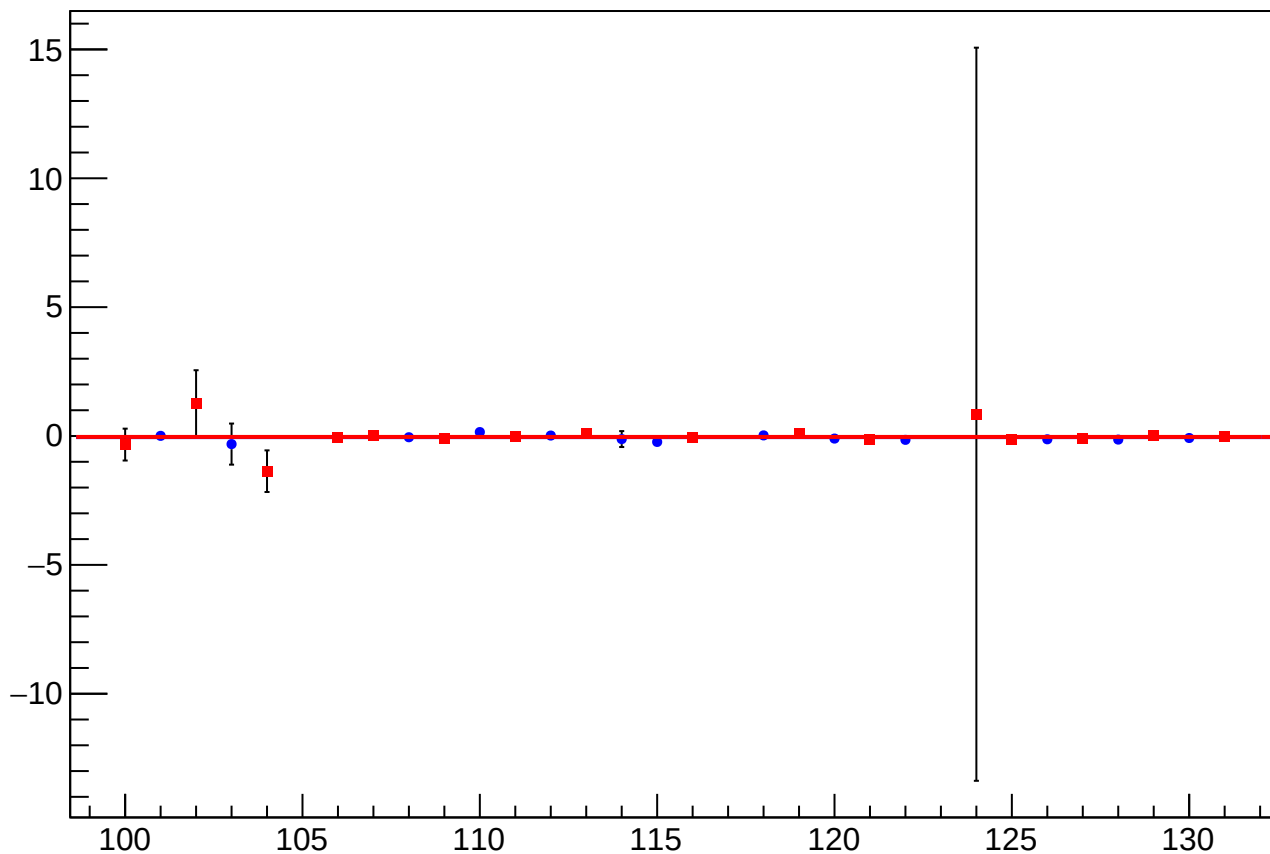
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.634+/-0.016 χ^2/NDF : 5143075.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.042 ± 0.034 χ^2/NDF : 6.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.035 ± 0.029 χ^2/NDF : 10.6/15

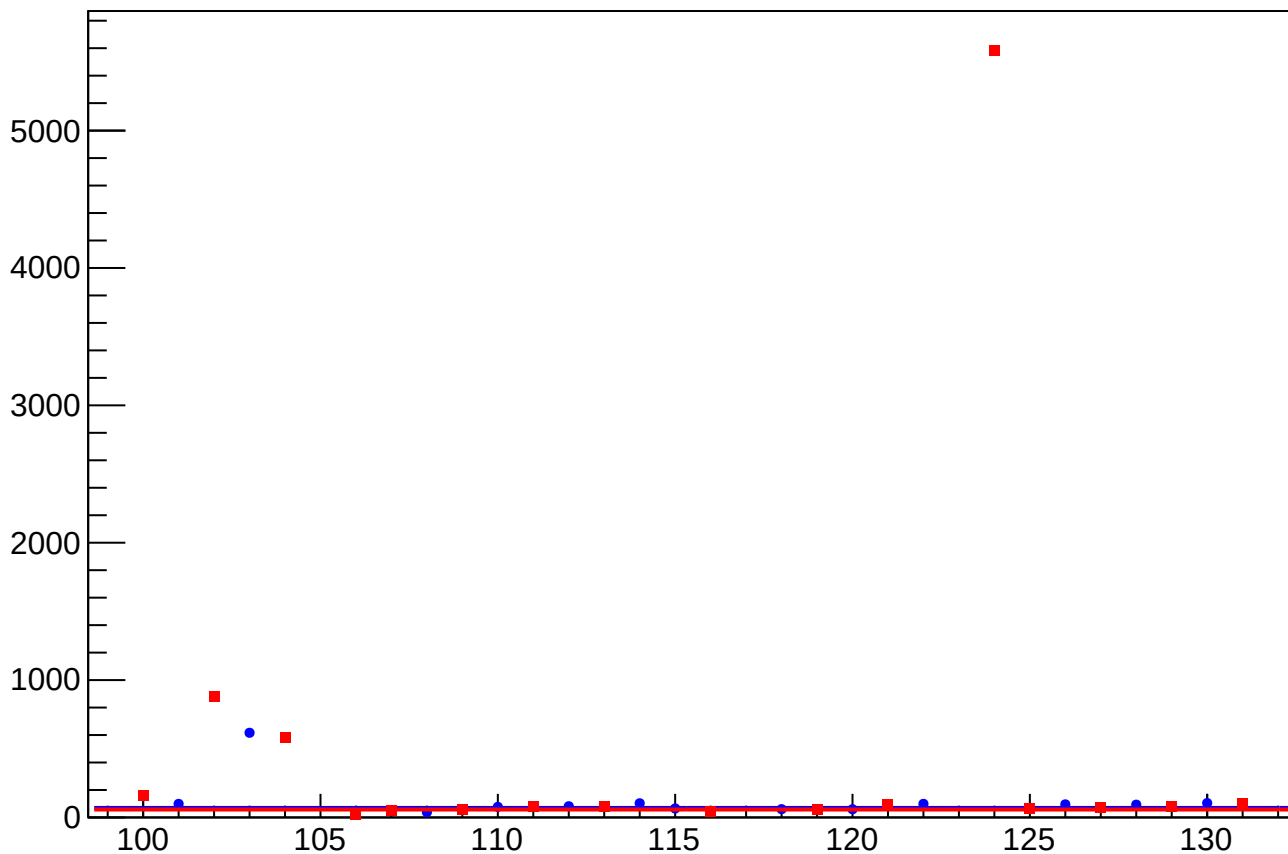
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.038 ± 0.022 χ^2/NDF : 16.8/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 69.273+/-0.024 χ^2/NDF : 1874409.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.744+/-0.020 χ^2/NDF : 3134330.0/15

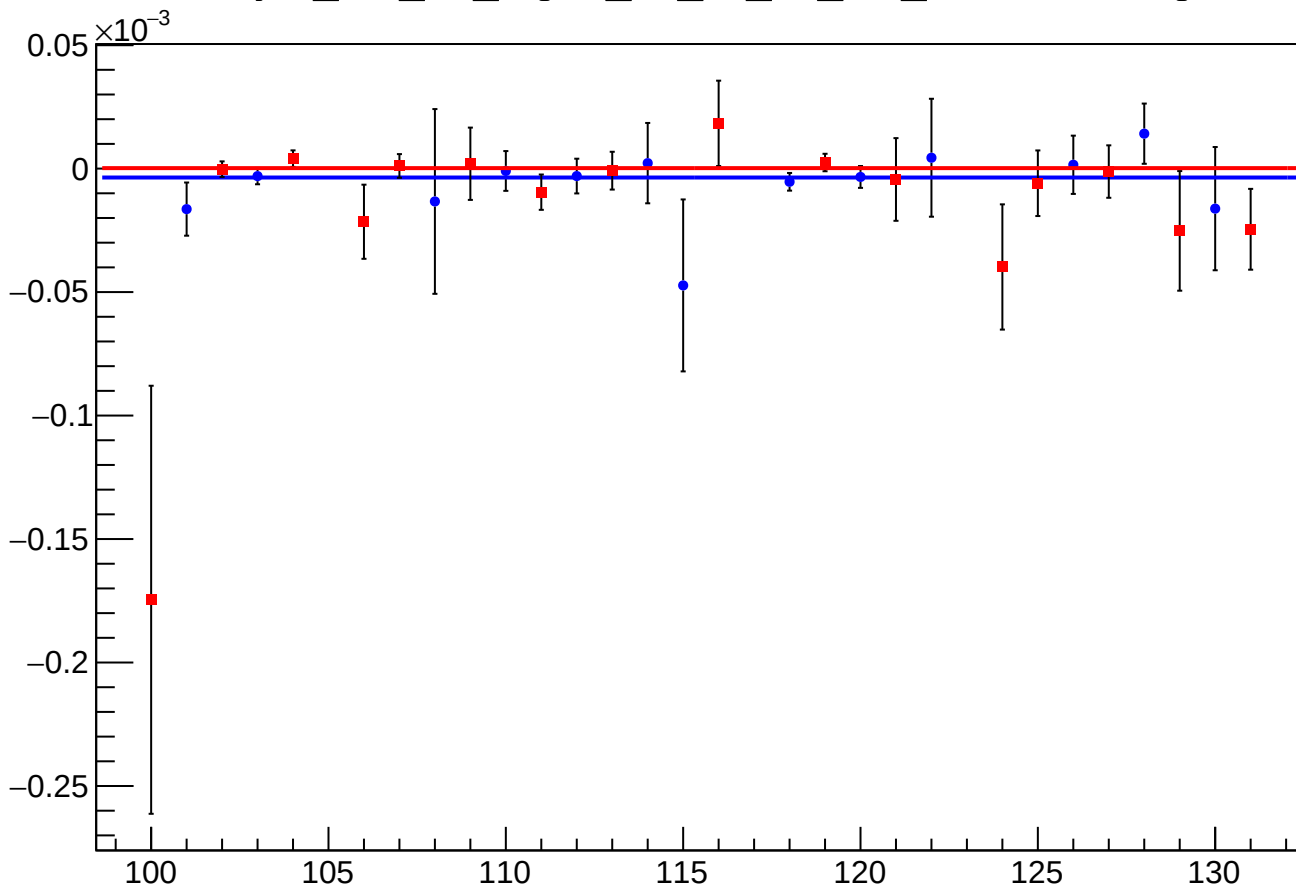
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.634+/-0.016 χ^2/NDF : 5143075.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 6.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 17.1/15

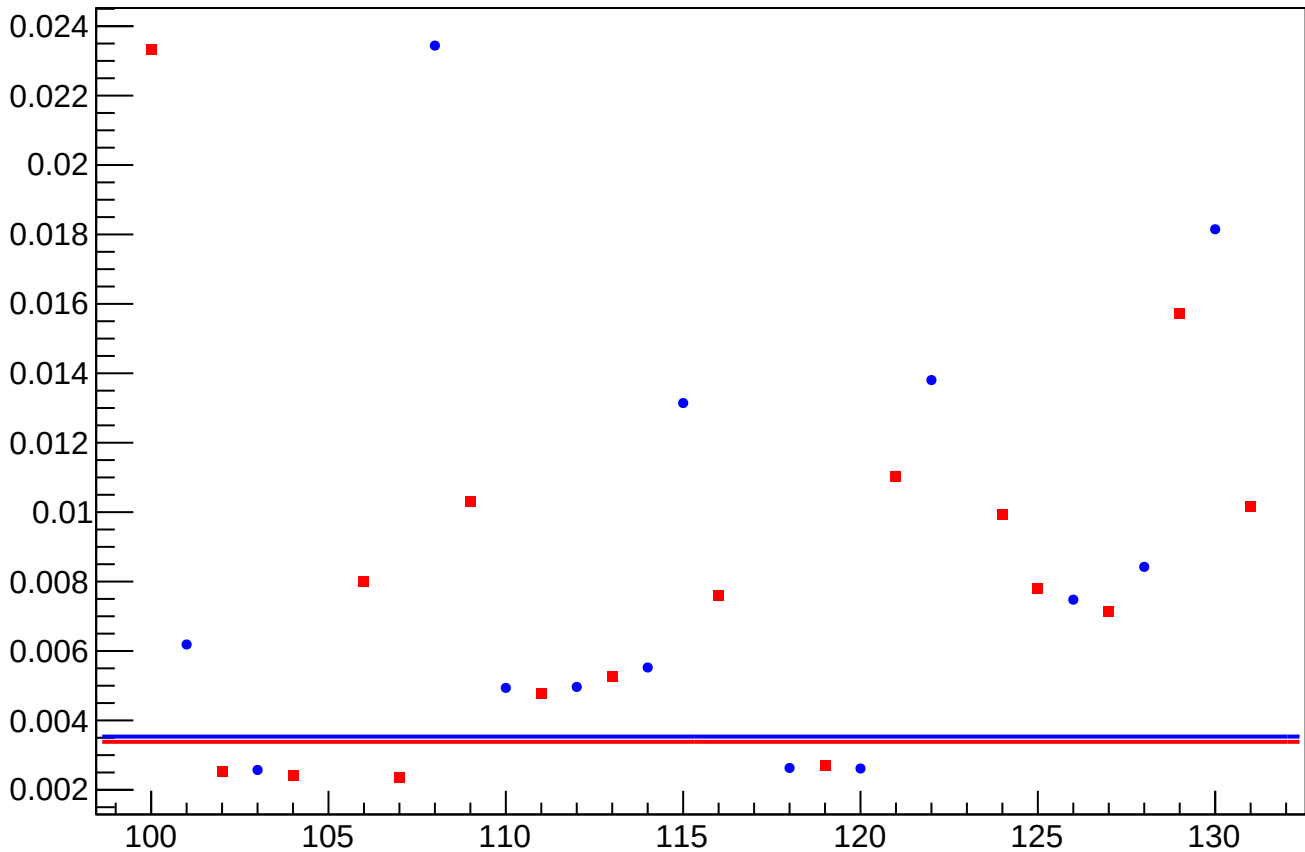
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 25.7/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 2998483.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3422431.9/15

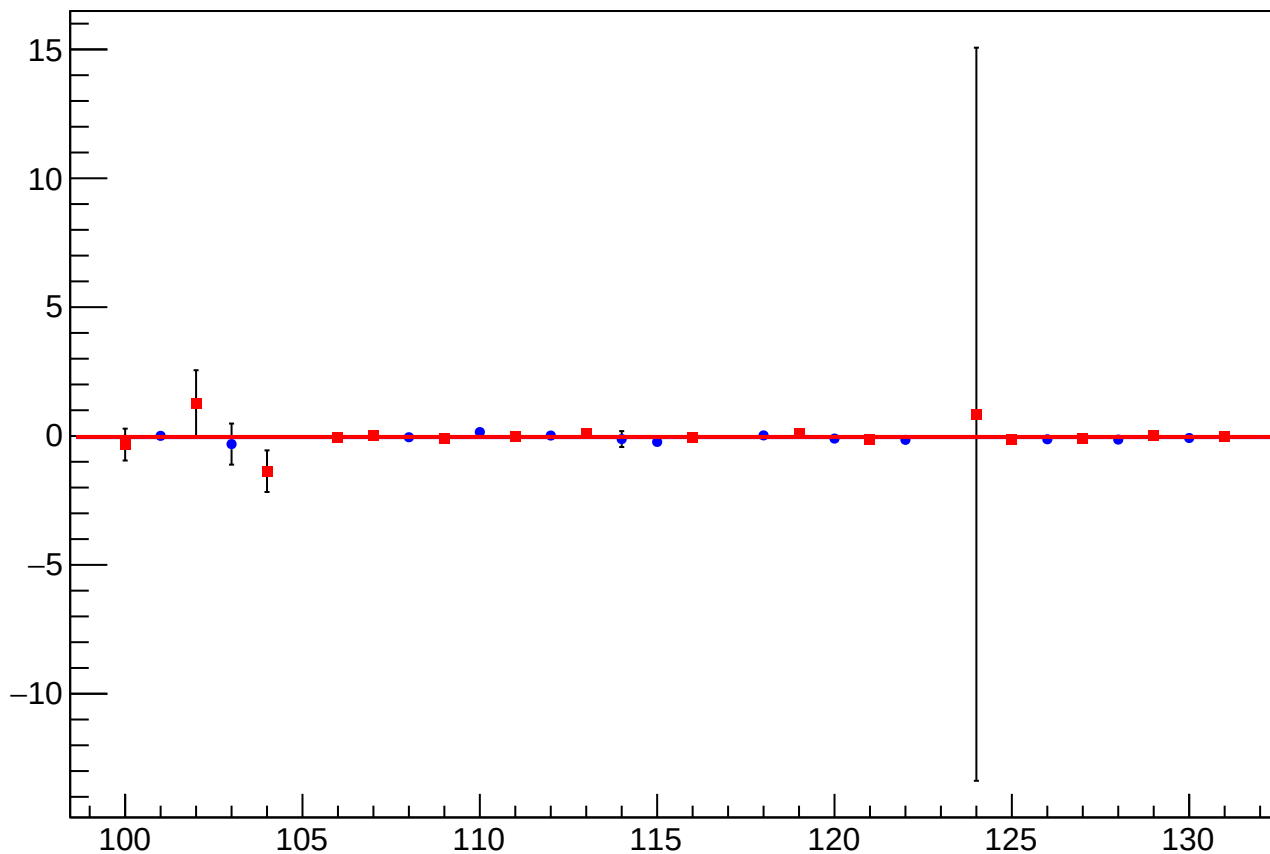
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 6428497.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.042 $\pm$ 0.034 χ^2 /NDF: 6.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.035 $\pm$ 0.029 χ^2 /NDF: 10.6/15

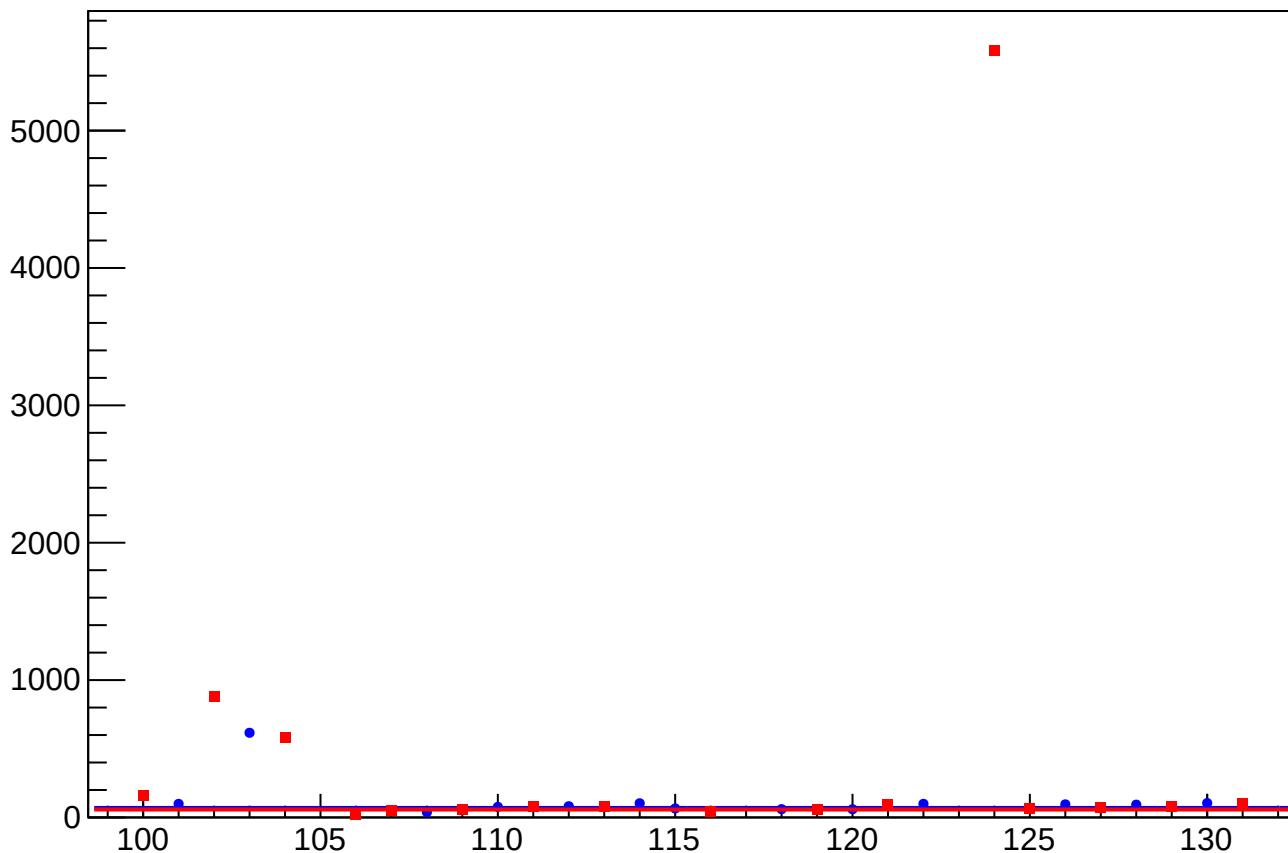
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.038 $\pm$ 0.022 χ^2 /NDF: 16.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 69.284+/-0.024 χ^2/NDF : 1873491.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.738+/-0.020 χ^2/NDF : 3134885.1/15

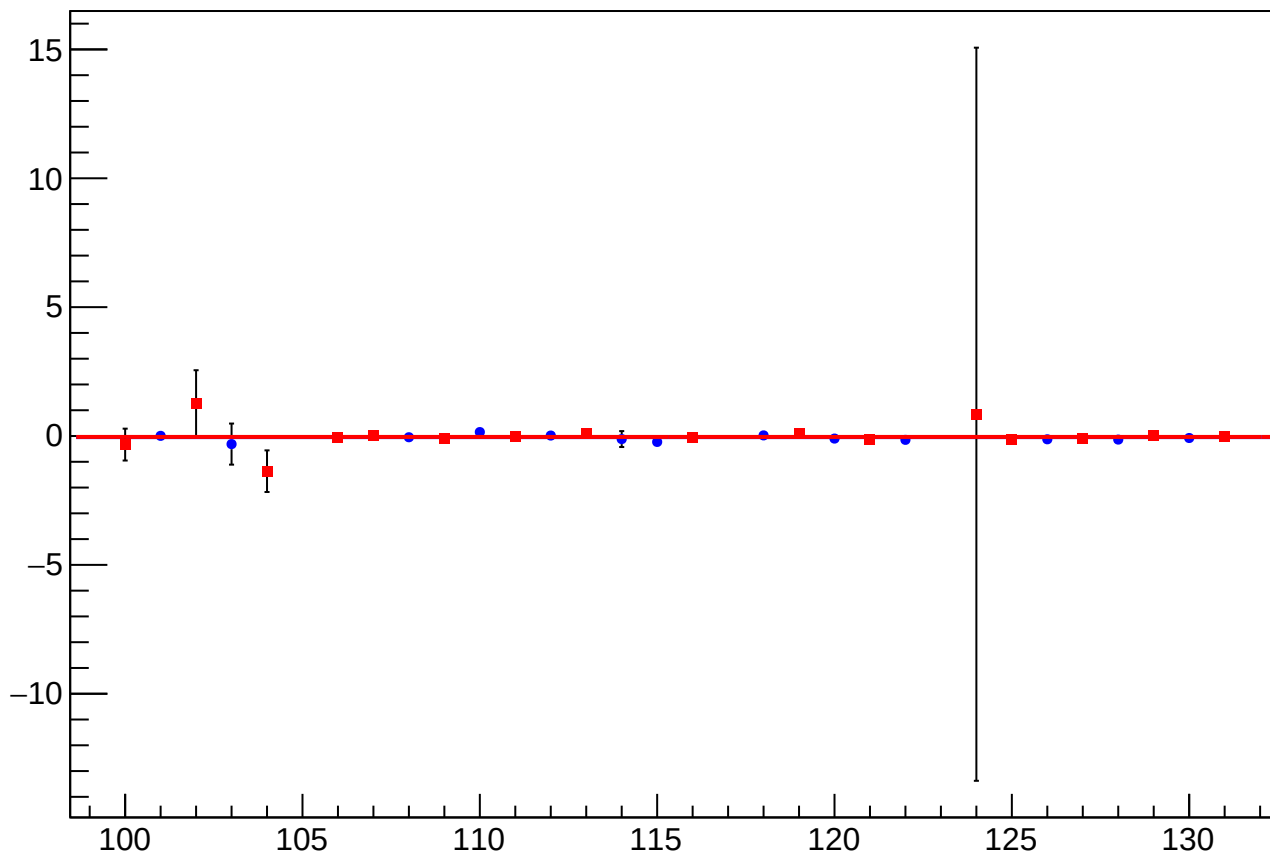
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.634+/-0.016 χ^2/NDF : 5143110.4/28

- 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: -0.042 ± 0.034 χ^2/NDF : 6.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.035 ± 0.029 χ^2/NDF : 10.6/15

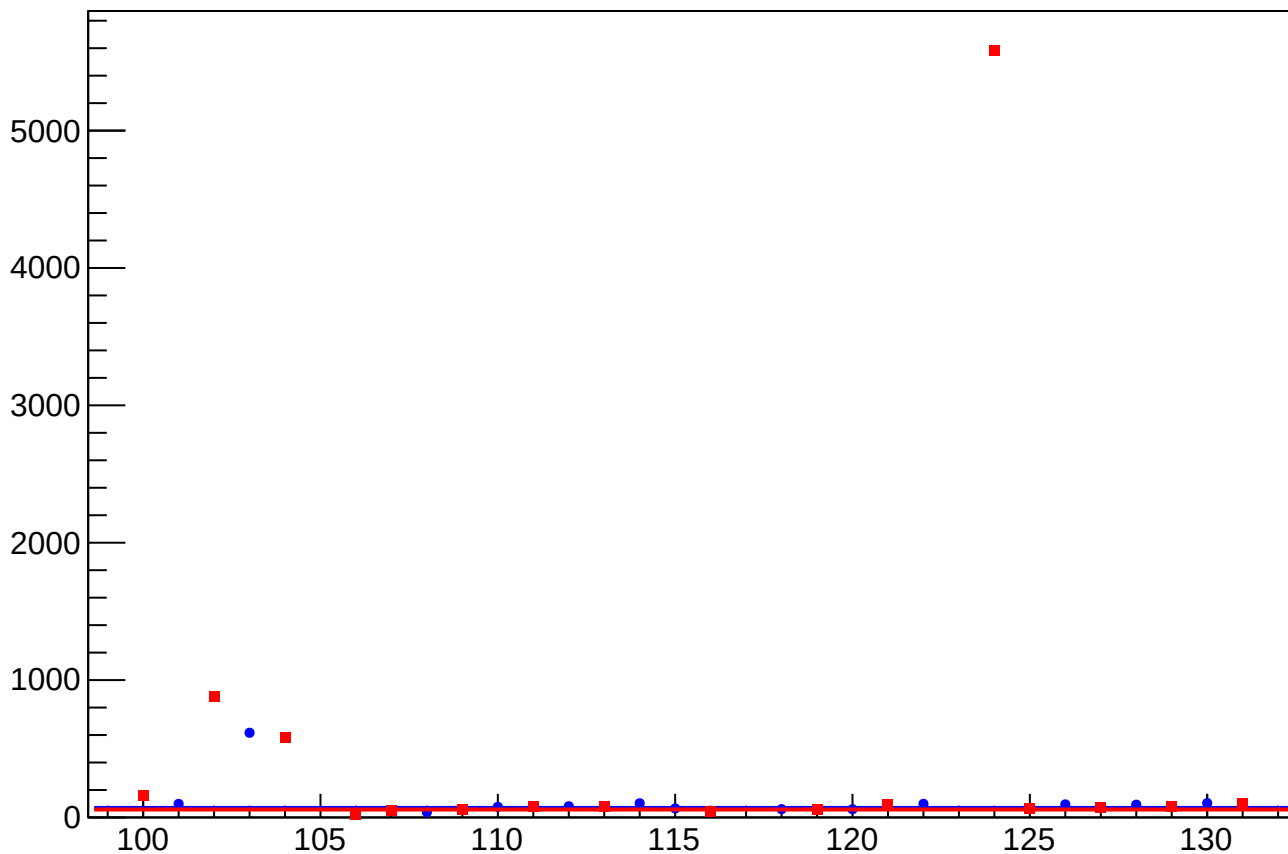
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.038 ± 0.022 χ^2/NDF : 16.8/28

- 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: 69.284+/-0.024 χ^2/NDF : 1873491.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.738+/-0.020 χ^2/NDF : 3134885.1/15

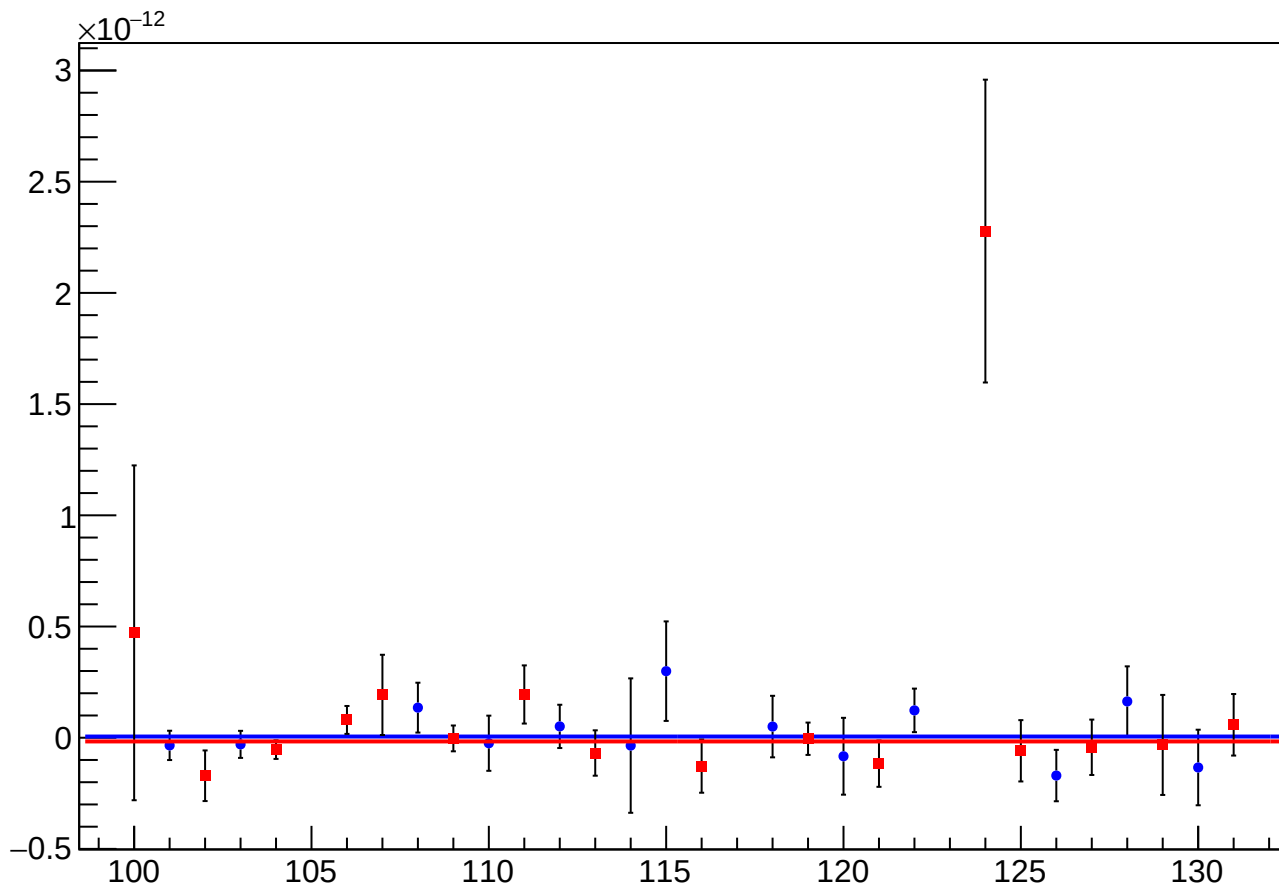
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.634+/-0.016 χ^2/NDF : 5143110.4/28

- 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+/-0.000 χ^2/NDF : 9.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 23.3/15

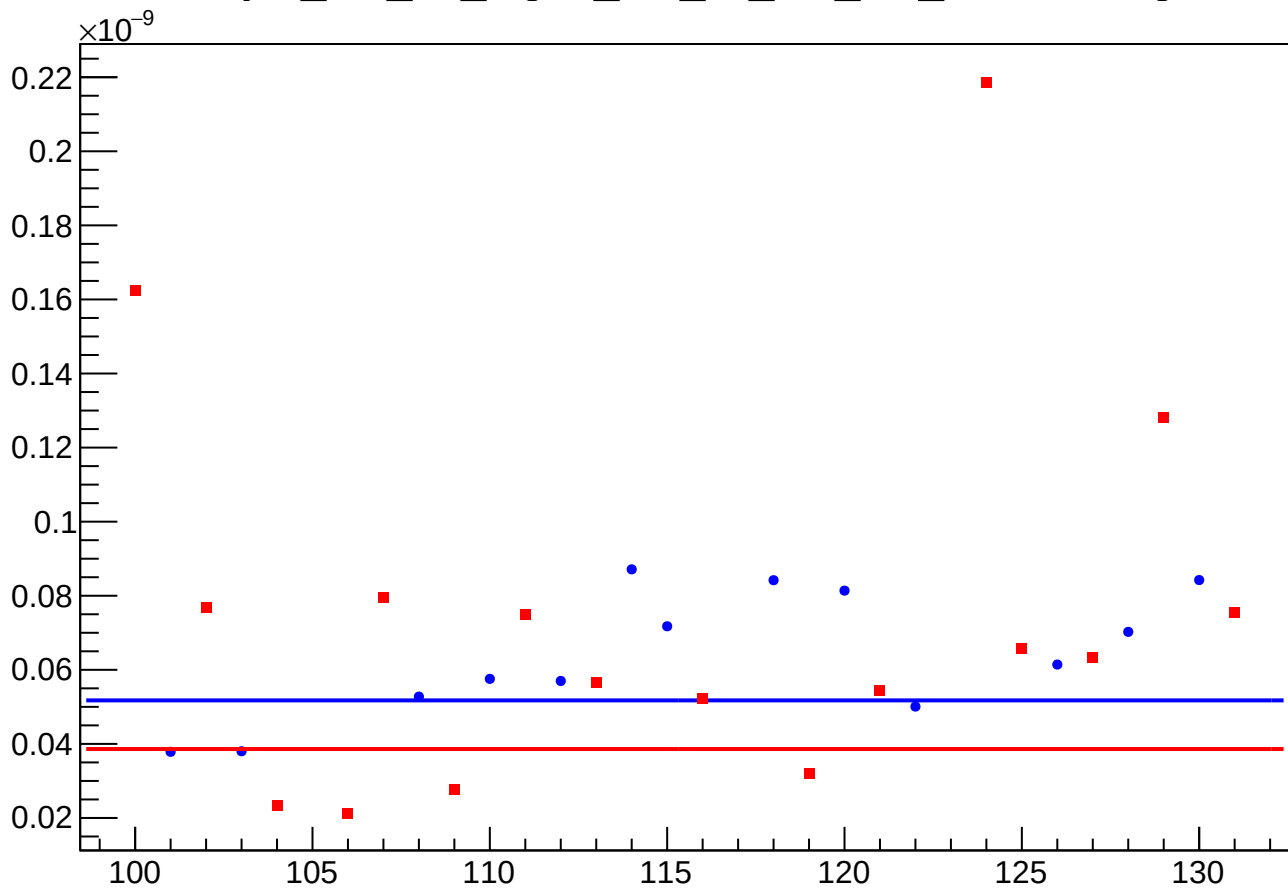
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.5/28

- sign 0.000+/-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 : 528725.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1939344.0/15

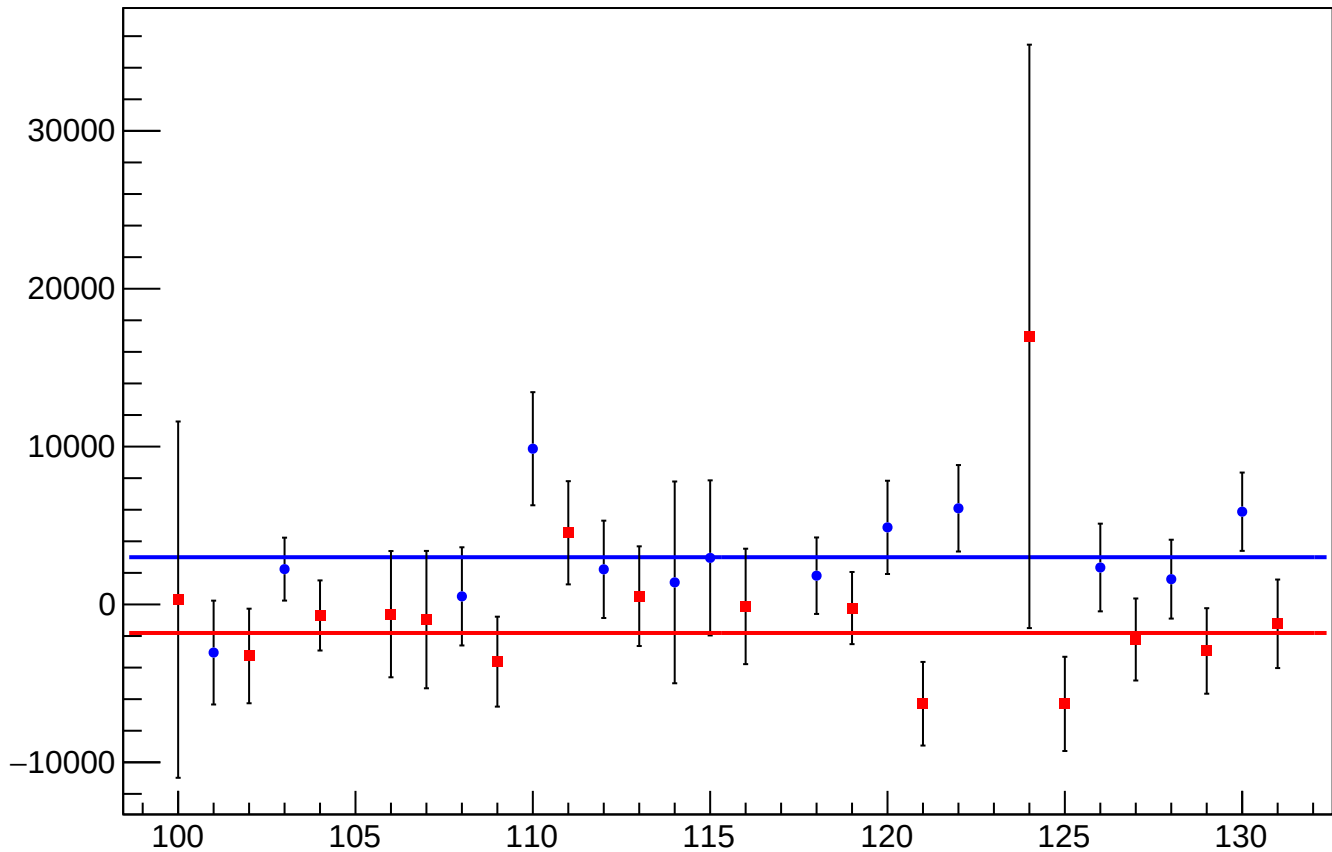
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2712904.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_mean vs Slug



Right In: 2992.754+/-798.795 χ^2/NDF : 11.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1807.234+/-769.212 χ^2/NDF : 12.5/15

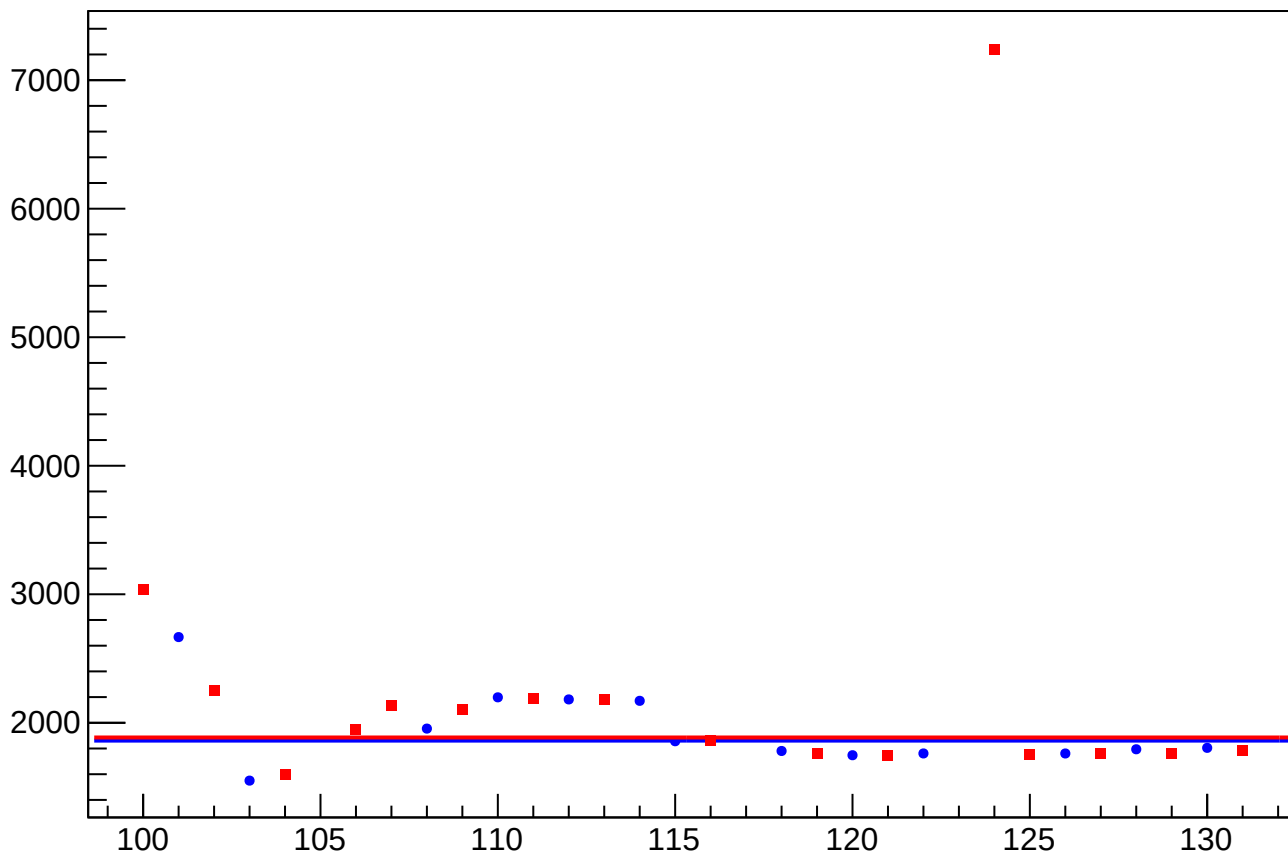
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 502.232+/-554.078 χ^2/NDF : 42.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_rms vs Slug



Right In: 1861.497+/-0.565 χ^2/NDF : 227429.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1885.711+/-0.542 χ^2/NDF : 331791.4/15

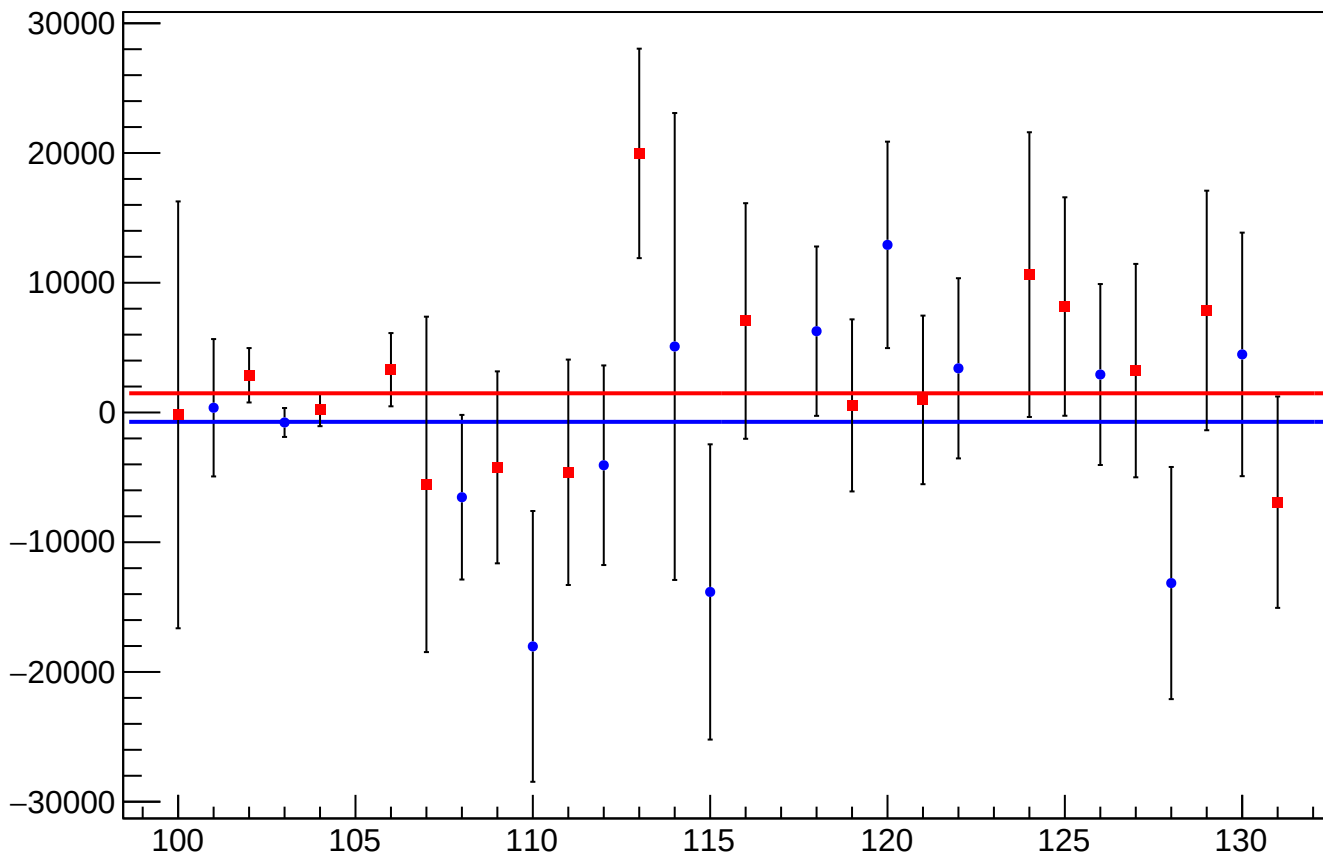
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1874.094+/-0.391 χ^2/NDF : 560177.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_reg_correction_mean vs Slug



Right In: -721.472+/-996.486 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1479.359+/-933.825 χ^2/NDF : 11.8/15

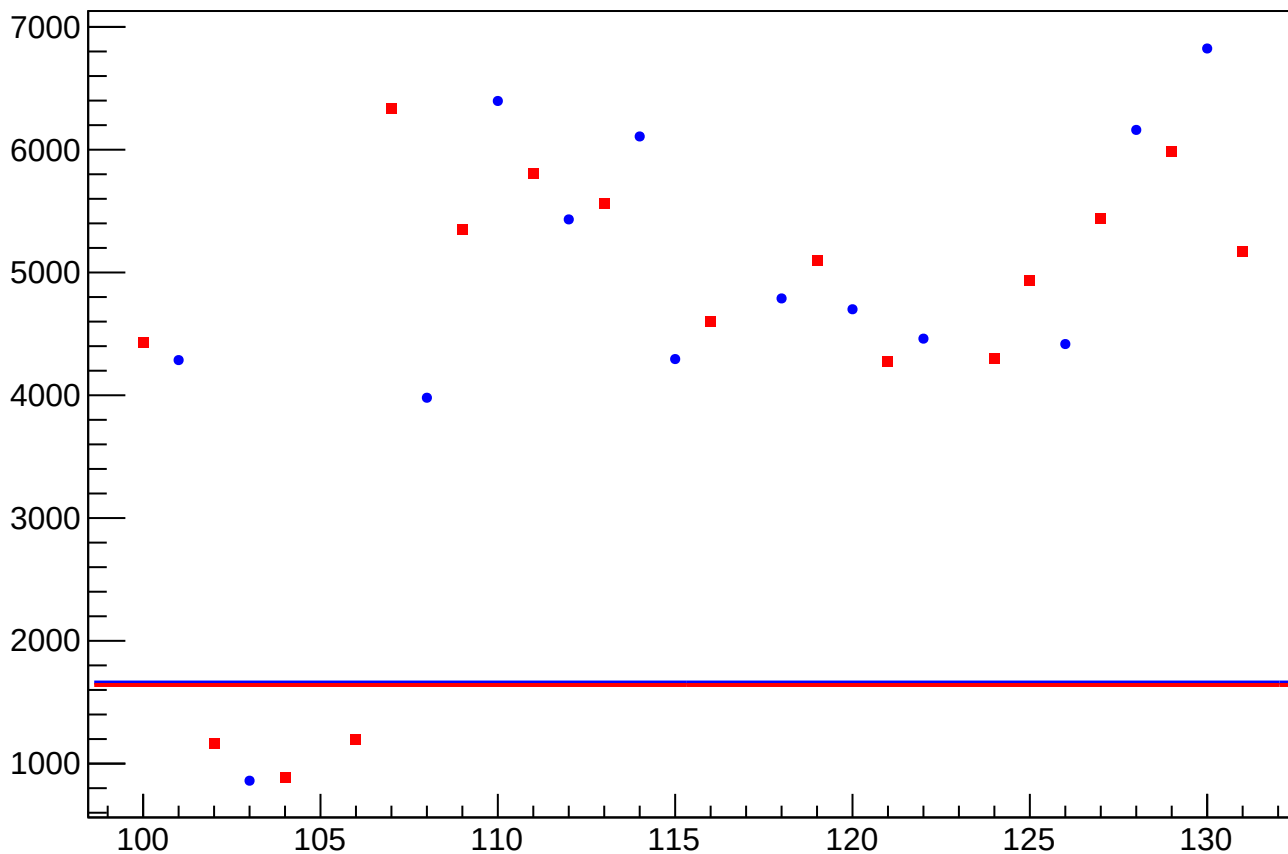
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 450.310+/-681.390 χ^2/NDF : 26.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_reg_correction_rms vs Slug



Right In: 1660.305+/-0.705 χ^2/NDF : 5412176.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1640.543+/-0.660 χ^2/NDF : 5361382.7/15

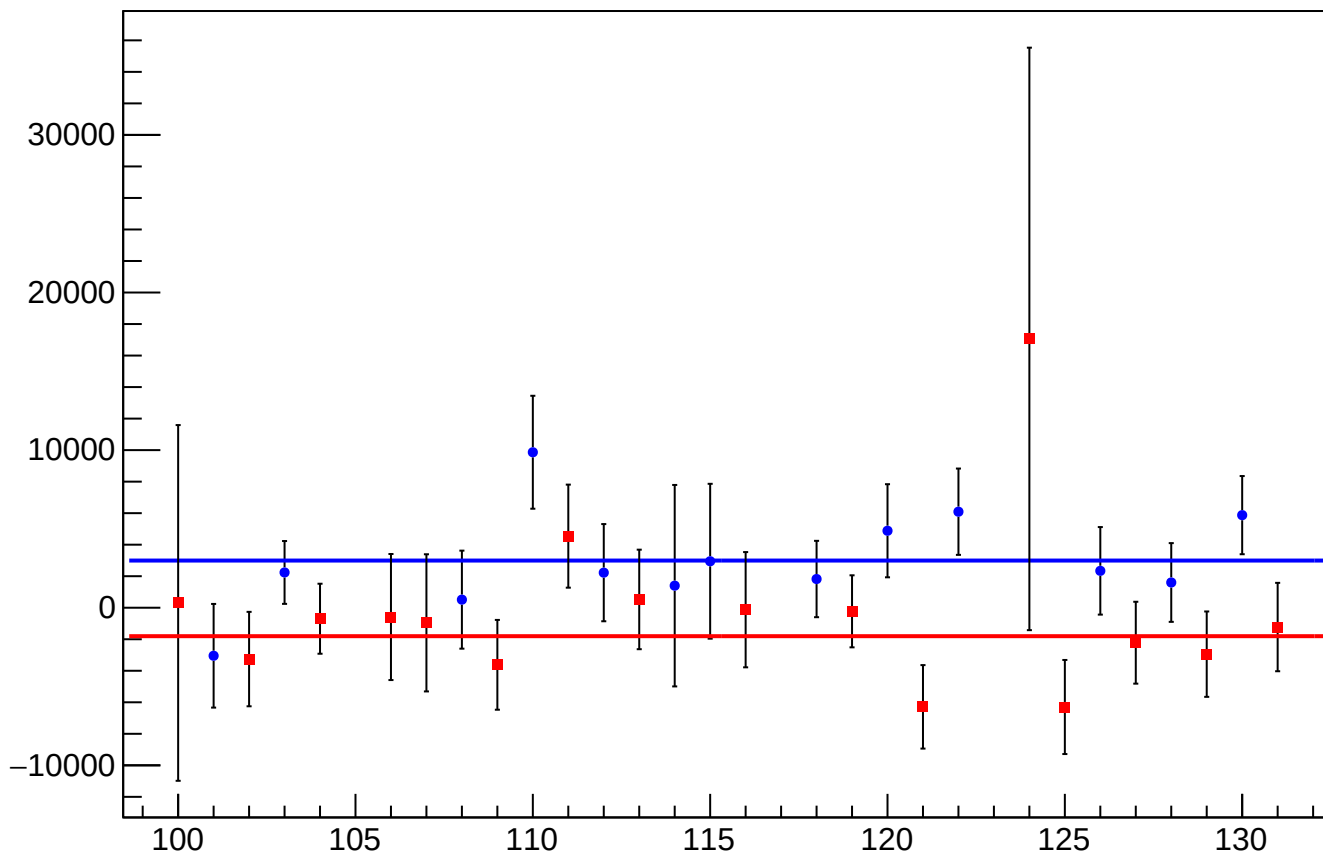
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1649.783+/-0.482 χ^2/NDF : 10773977.9/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_avg_mean vs Slug



Right In: 2992.897+/-798.795 χ^2/NDF : 11.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1805.643+/-769.213 χ^2/NDF : 12.5/15

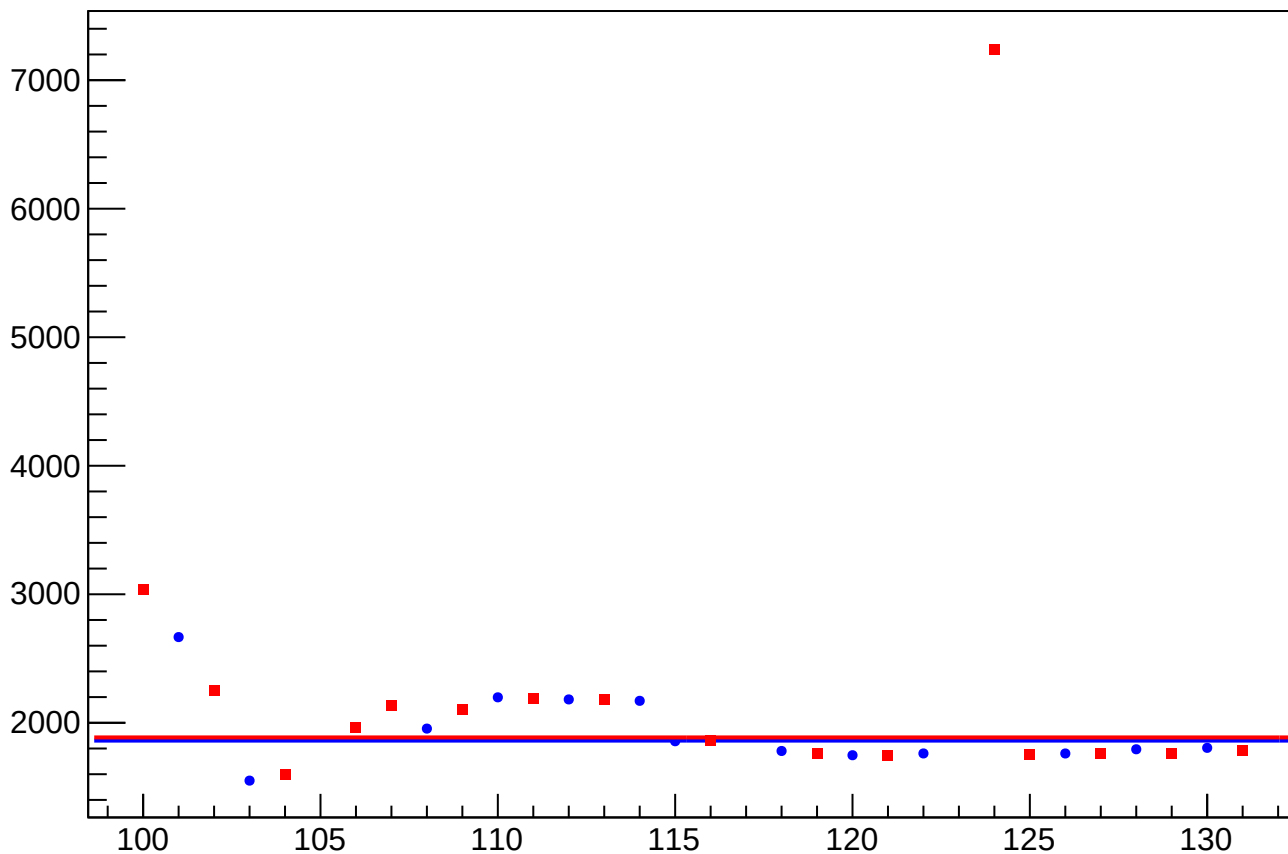
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 503.130+/-554.079 χ^2/NDF : 42.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_avg_rms vs Slug



Right In: 1861.497+/-0.565 χ^2/NDF : 227429.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1886.250+/-0.543 χ^2/NDF : 332054.0/15

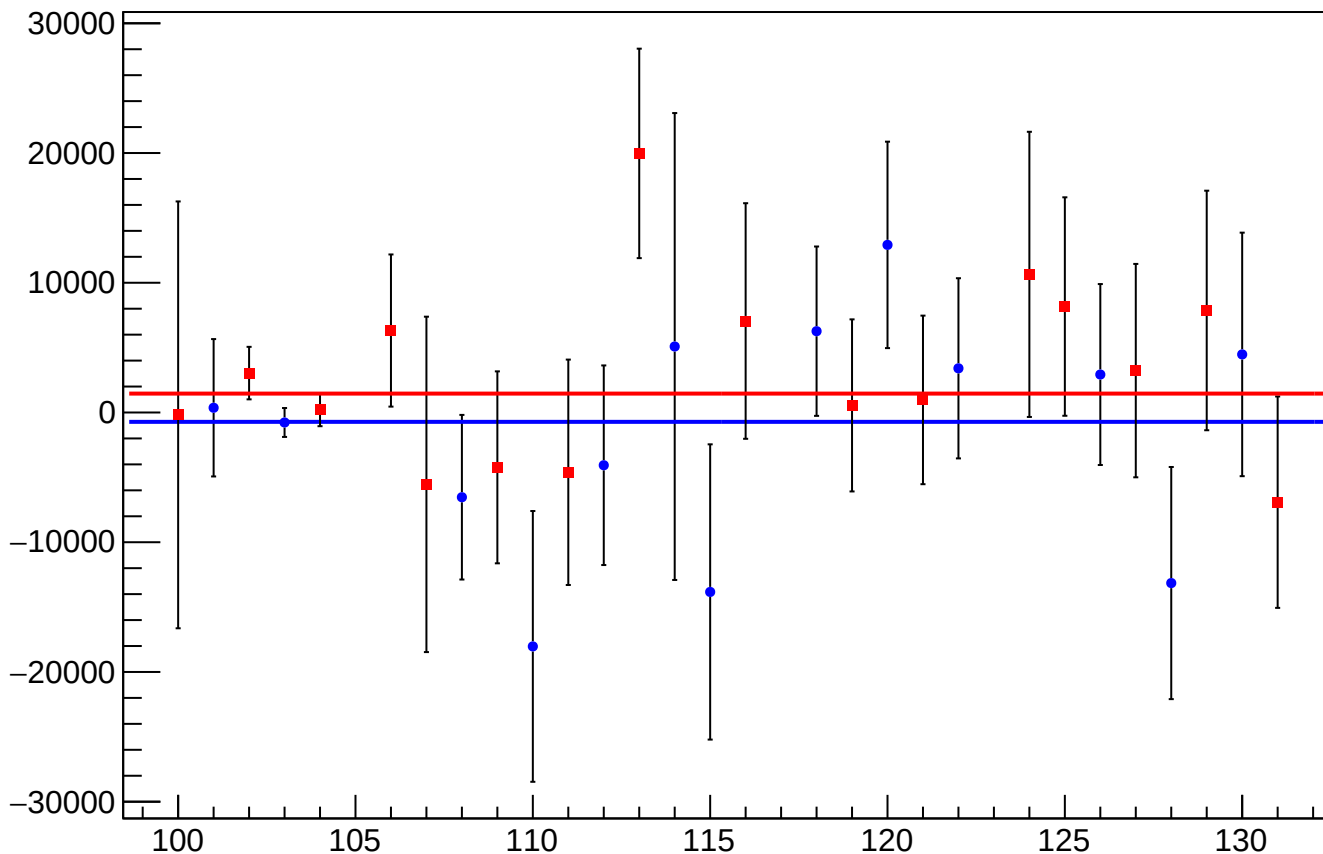
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1874.371+/-0.391 χ^2/NDF : 560482.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_cor_correction_mean vs Slug



Right In: -720.968+/-996.427 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1456.724+/-968.063 χ^2/NDF : 12.2/15

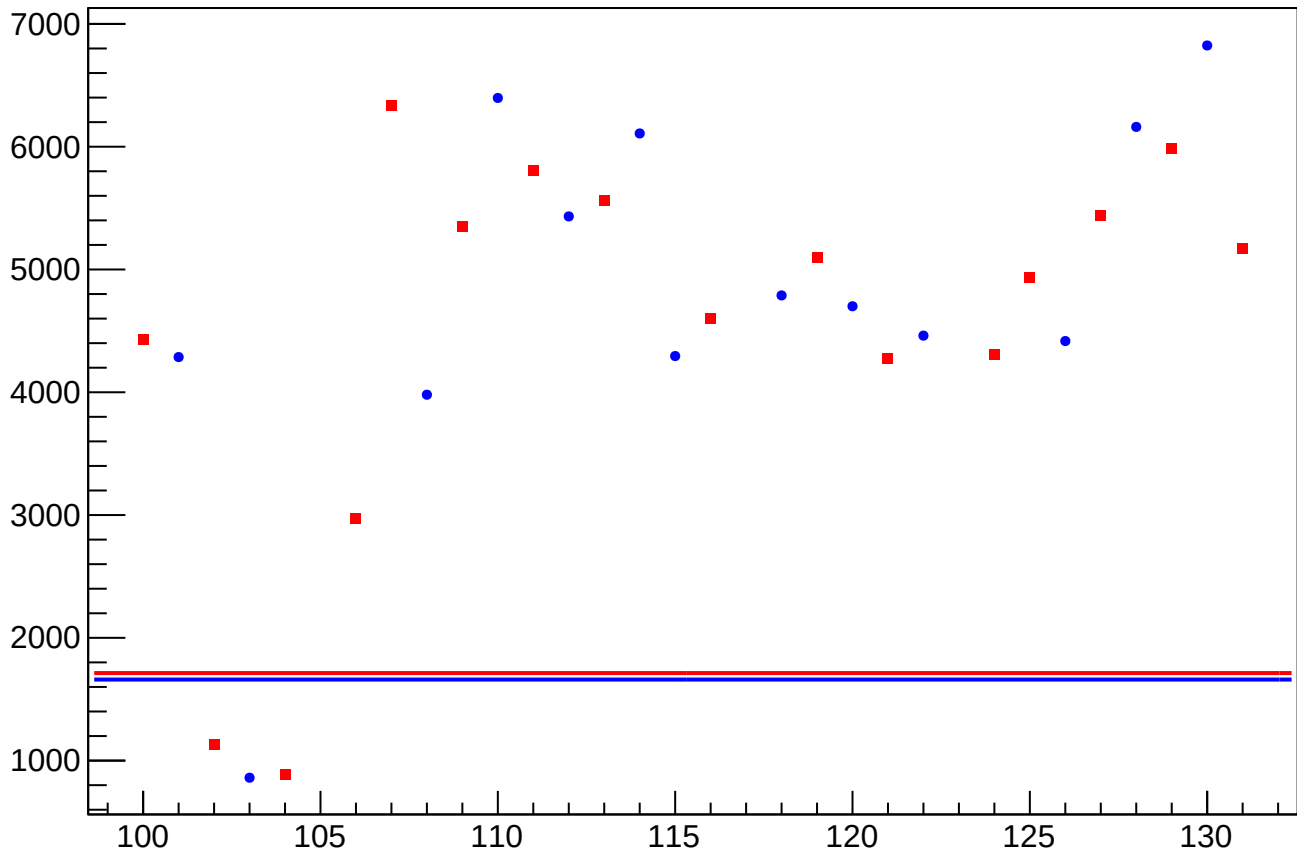
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 399.314+/-694.335 χ^2/NDF : 26.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_cor_correction_rms vs Slug



Right In: 1660.165+/-0.705 χ^2/NDF : 5412476.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1713.238+/-0.685 χ^2/NDF : 5428334.3/15

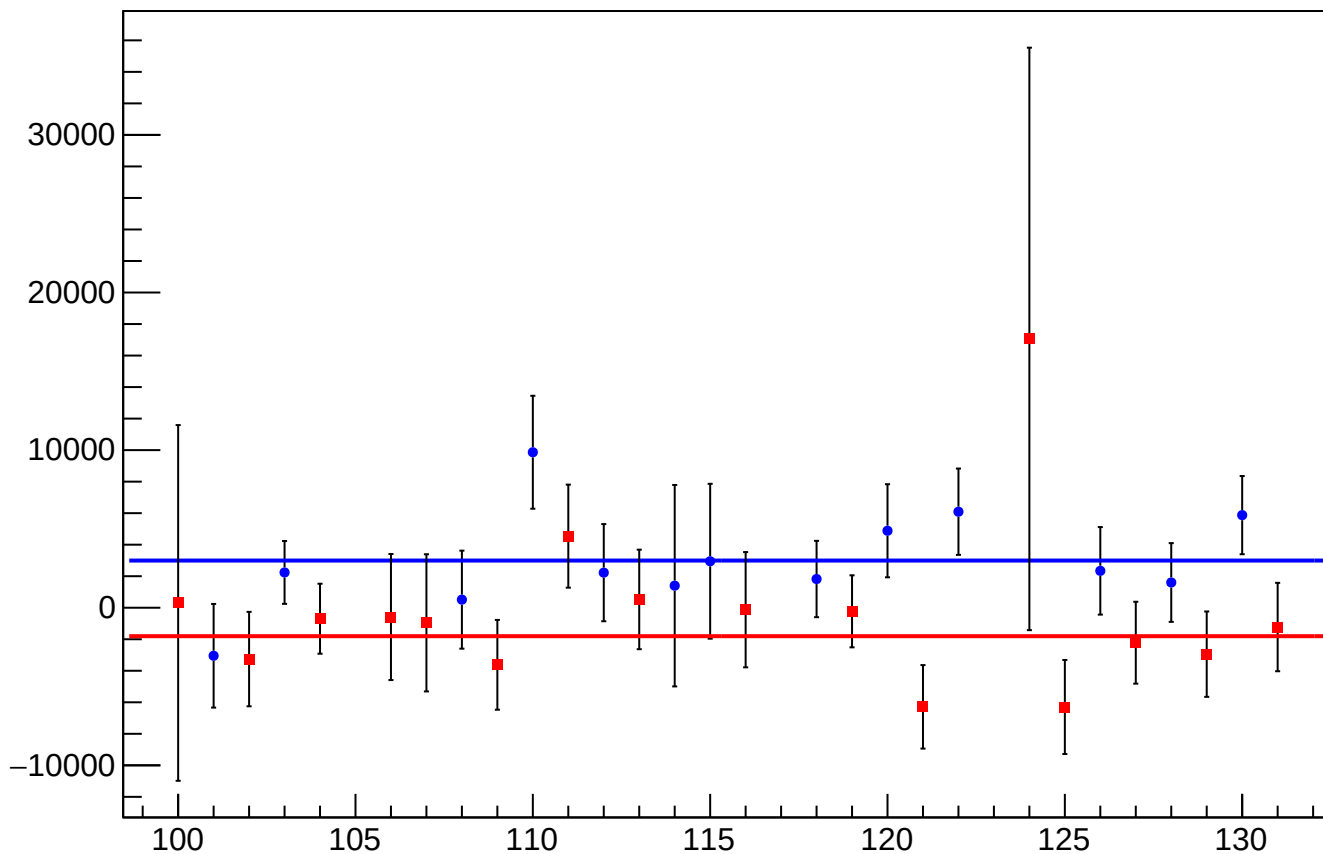
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1687.468+/-0.491 χ^2/NDF : 10843729.6/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_avg_mean vs Slug



Right In: 2992.897 $\pm$ 798.795 χ^2 /NDF: 11.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1805.643 $\pm$ 769.213 χ^2 /NDF: 12.5/15

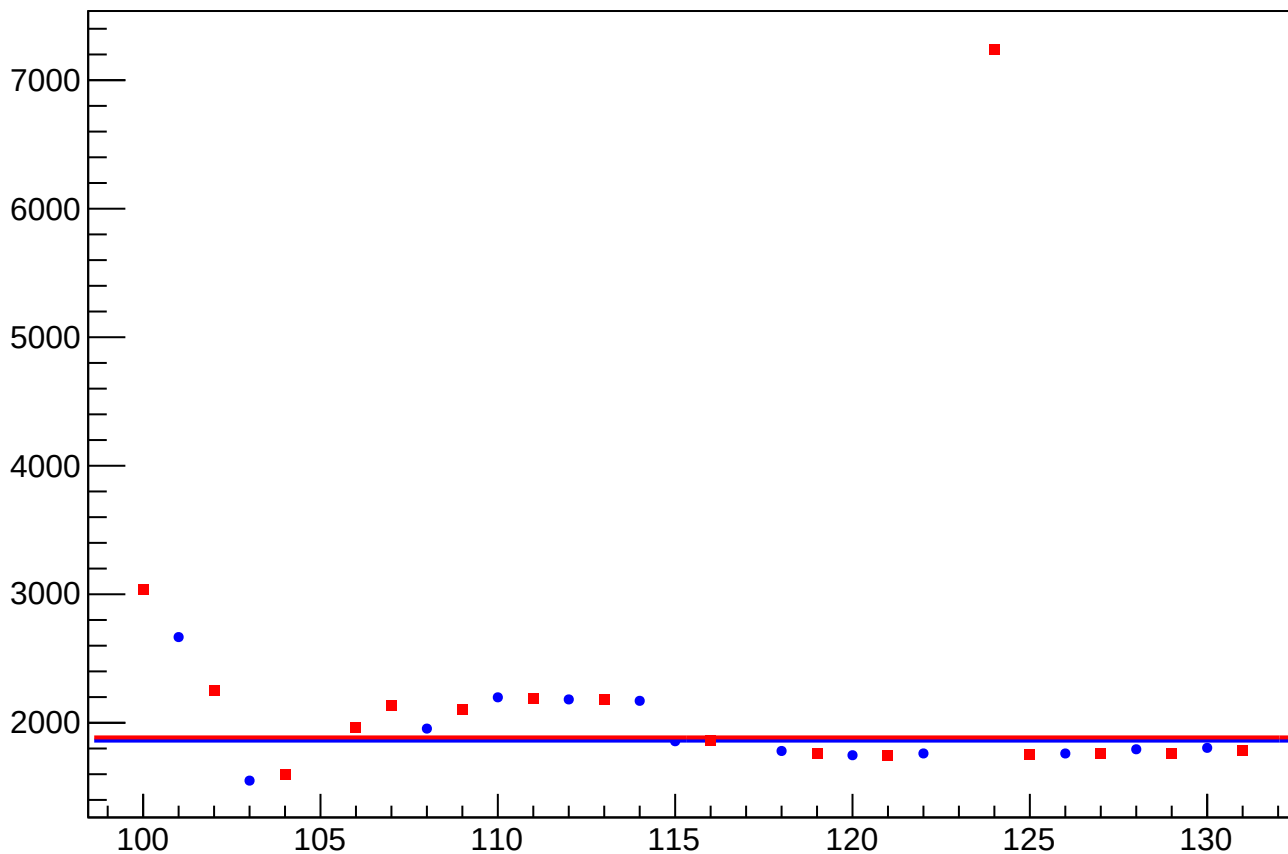
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 503.130 $\pm$ 554.079 χ^2 /NDF: 42.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl1r2_avg_rms vs Slug



Right In: 1861.497+/-0.565 χ^2/NDF : 227429.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1886.250+/-0.543 χ^2/NDF : 332054.0/15

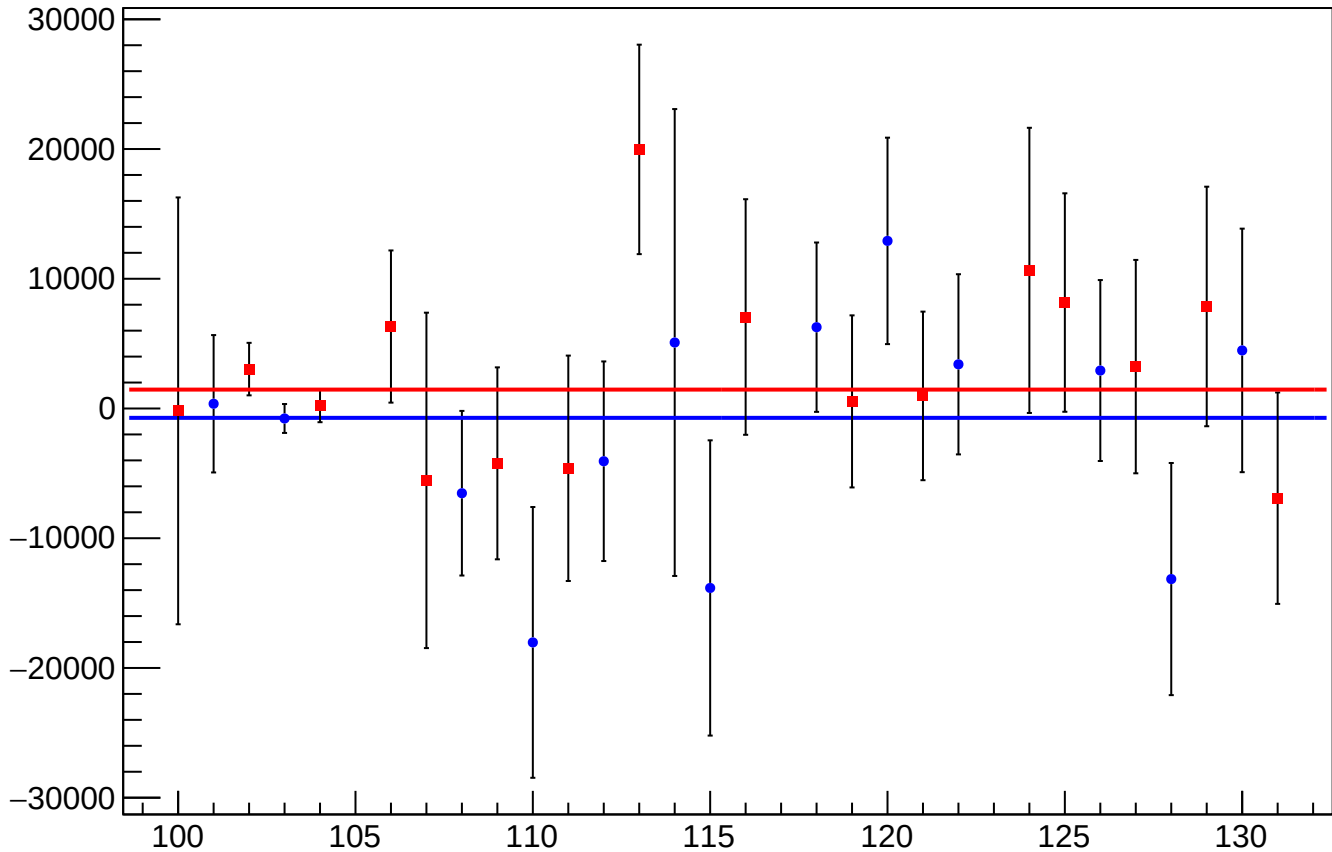
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1874.371+/-0.391 χ^2/NDF : 560482.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_cor_correction_mean vs Slug



Right In: -720.968+/-996.427 χ^2 /NDF: 12.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1456.724+/-968.063 χ^2 /NDF: 12.2/15

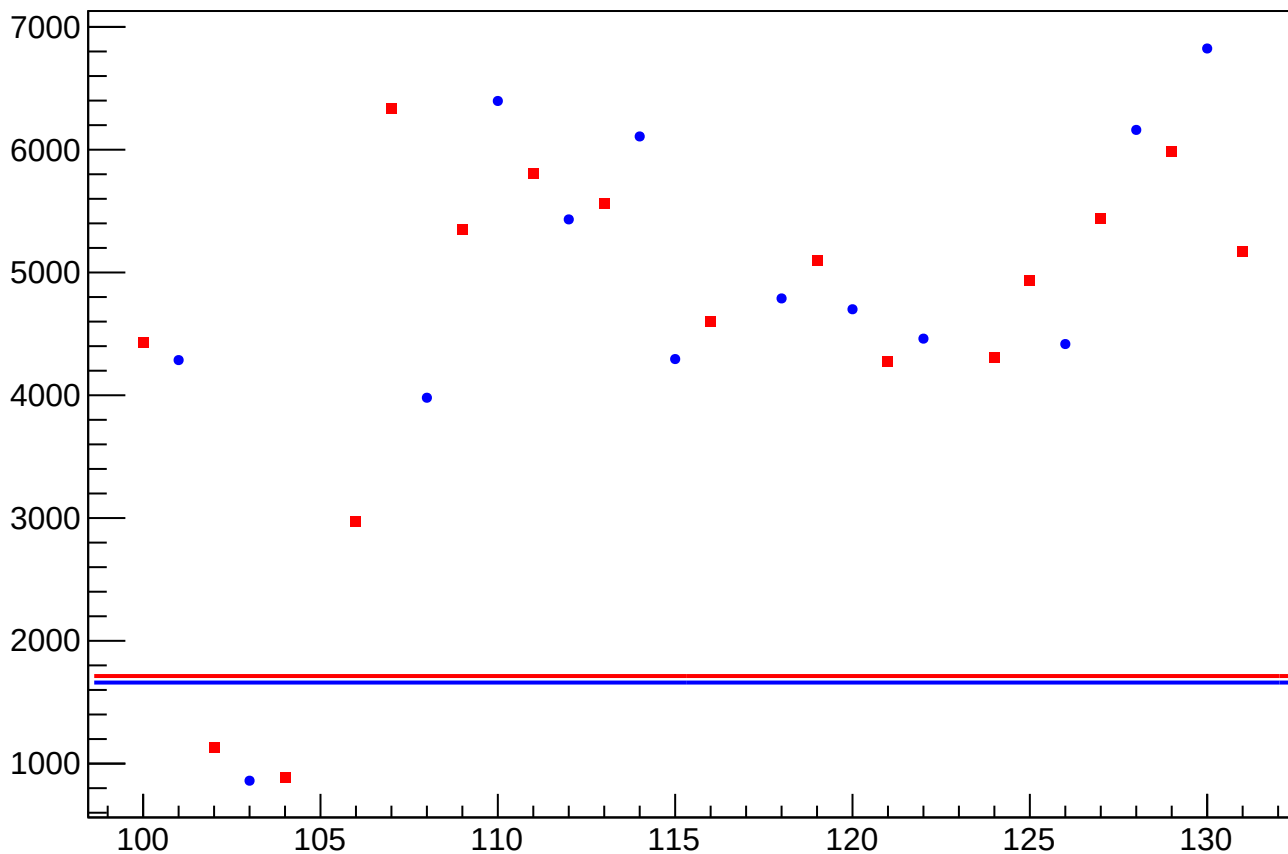
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 399.314+/-694.335 χ^2 /NDF: 26.9/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_eigen_cor_correction_rms vs Slug



Right In: 1660.165+/-0.705 χ^2/NDF : 5412476.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

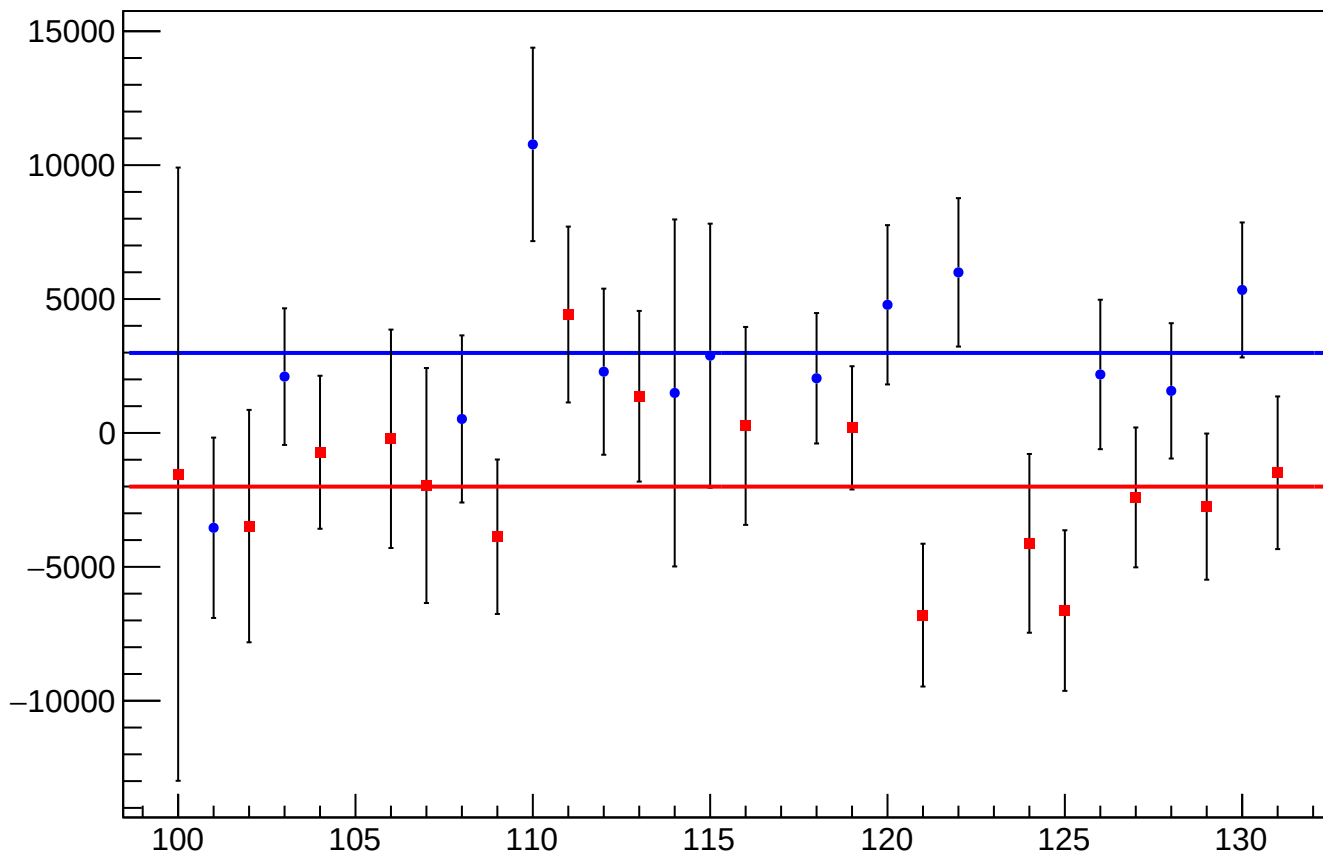
Right Out: 1713.238+/-0.685 χ^2/NDF : 5428334.3/15

All: 1687.468+/-0.491 χ^2/NDF : 10843729.6/2

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_atl1r2_avg_mean vs Slug



Right In: 2987.775 $\pm$ 831.979 χ^2 /NDF: 12.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2003.850 $\pm$ 786.945 χ^2 /NDF: 13.3/15

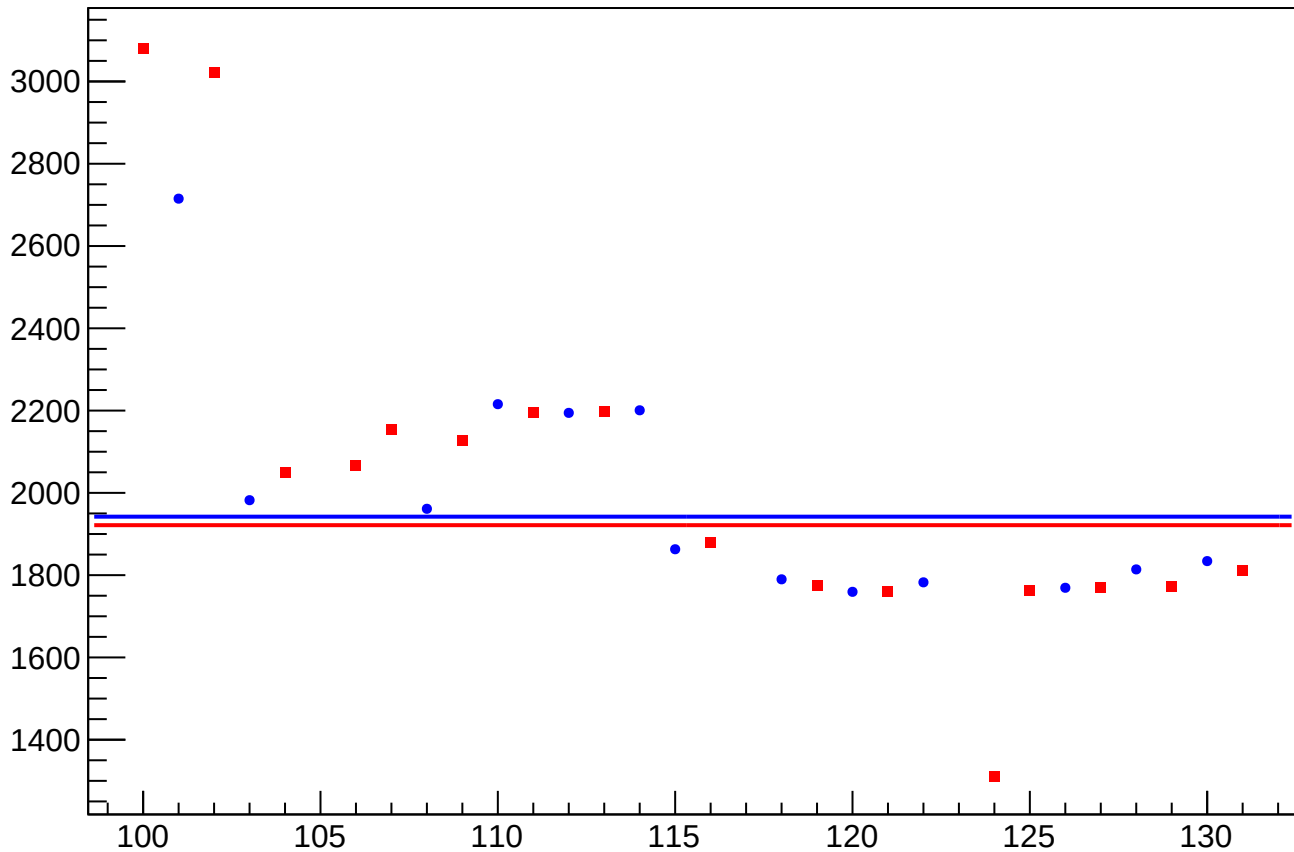
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 353.218 $\pm$ 571.712 χ^2 /NDF: 44.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl1r2_avg_rms vs Slug



Right In: 1942.162 $\pm$ 0.588 χ^2 /NDF: 172867.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1921.472 $\pm$ 0.556 χ^2 /NDF: 304591.4/15

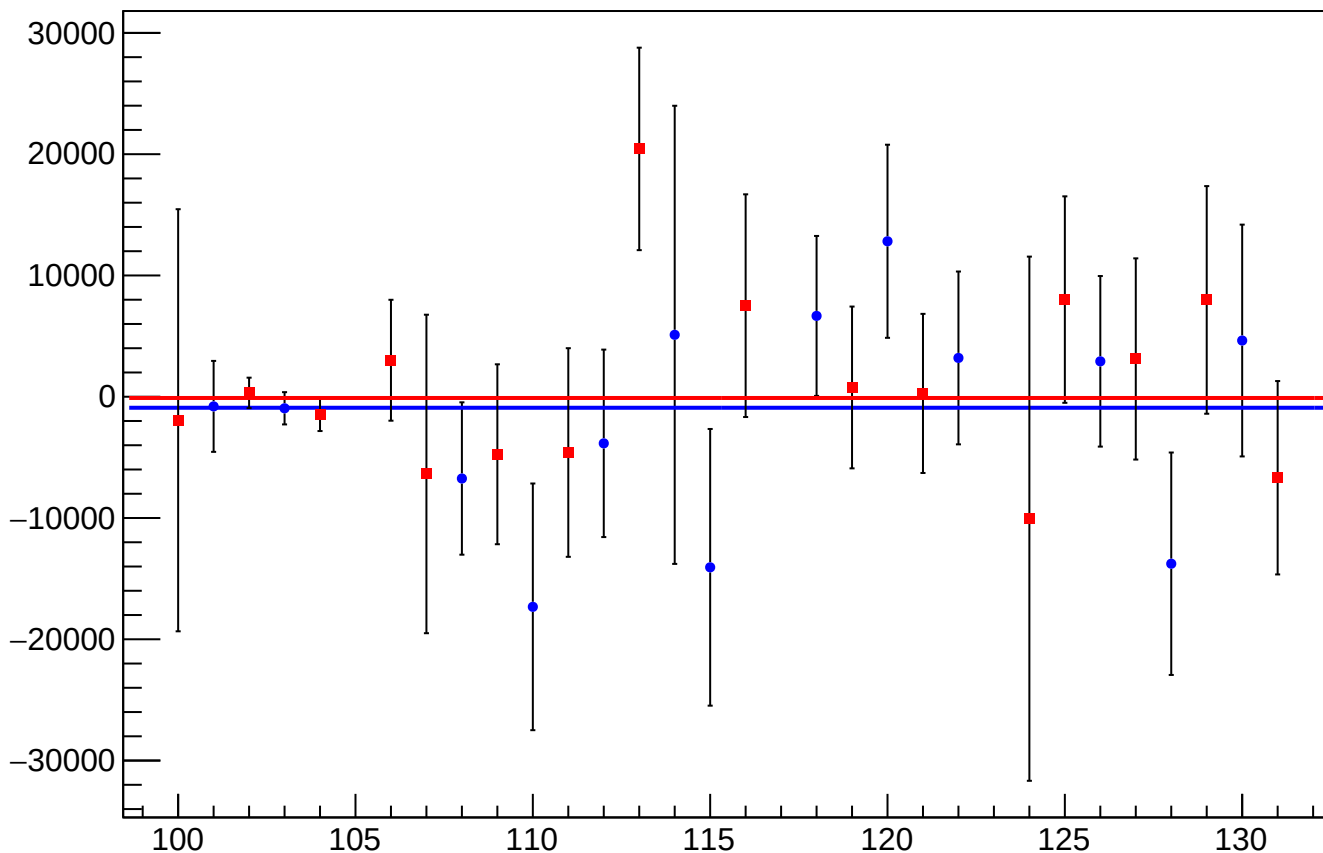
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1931.232 $\pm$ 0.404 χ^2 /NDF: 478112.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_dit_correction_mean vs Slug



Right In: -908.593+/-1118.117 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -102.194+/-848.617 χ^2/NDF : 11.9/15

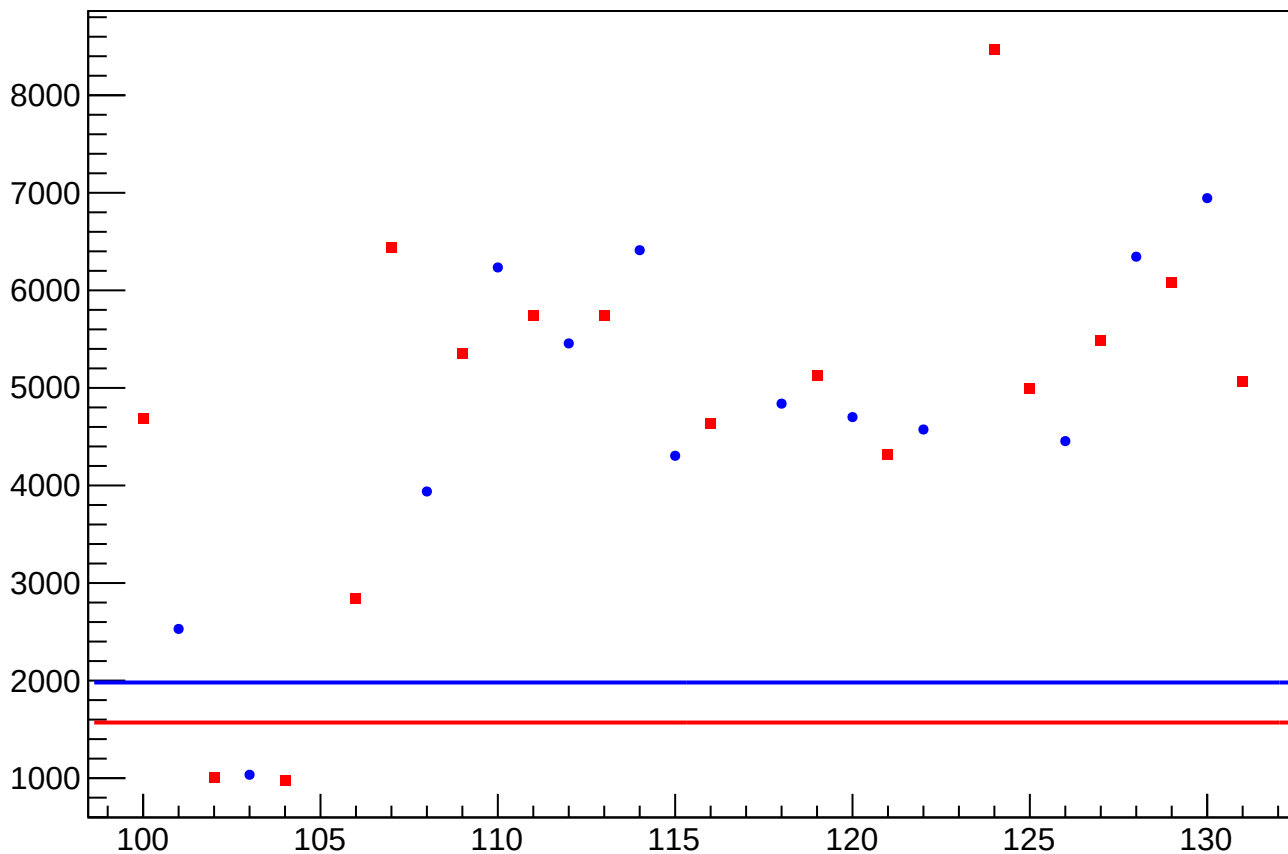
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -396.930+/-675.972 χ^2/NDF : 24.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_dit_correction_rms vs Slug



Right In: 1980.438+/-0.791 χ^2/NDF : 4309632.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

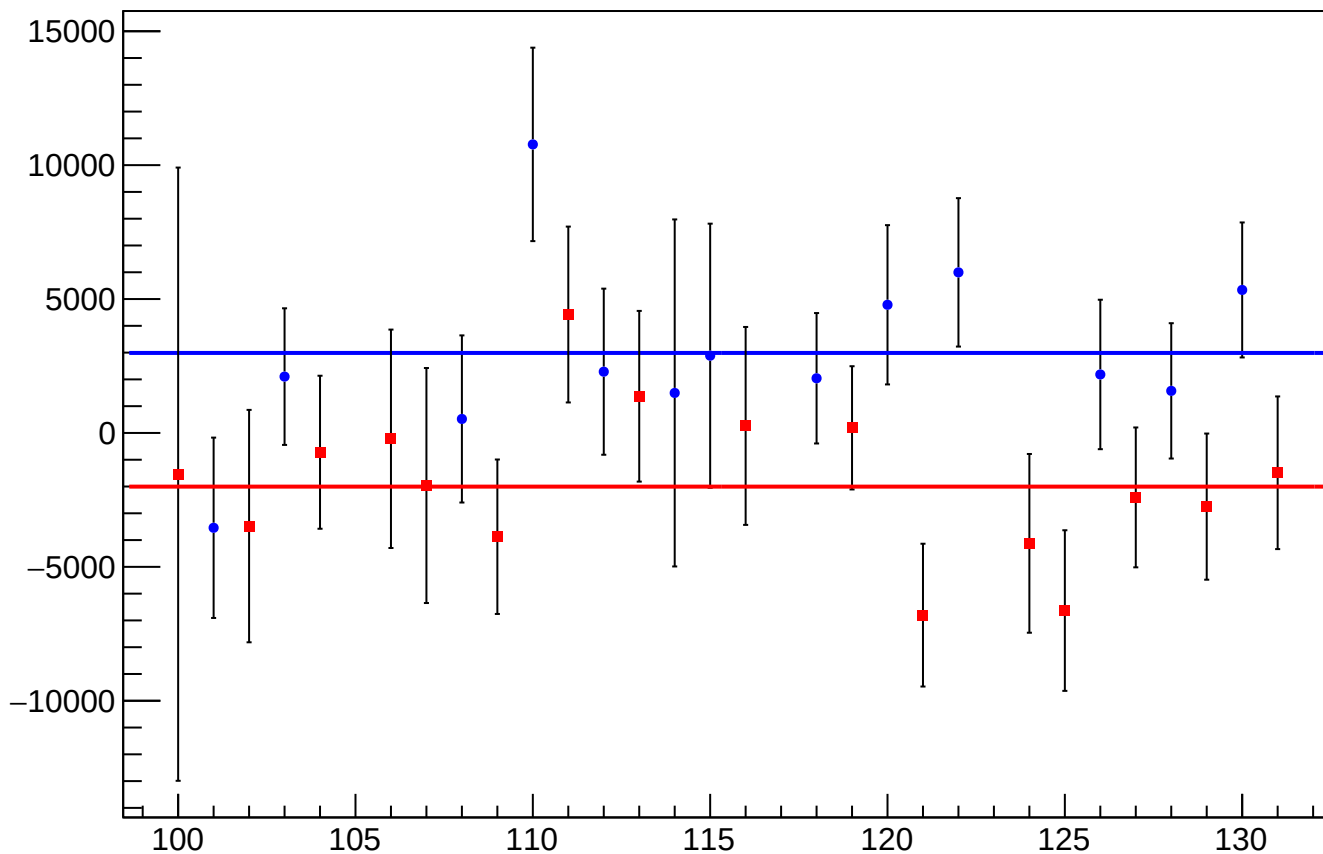
Right Out: 1570.083+/-0.600 χ^2/NDF : 5708963.9/15

All: 1720.066+/-0.478 χ^2/NDF : 10189522.4/20

- 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_avg_mean vs Slug



Right In: 2987.773+/-831.978 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2003.856+/-786.945 χ^2/NDF : 13.3/15

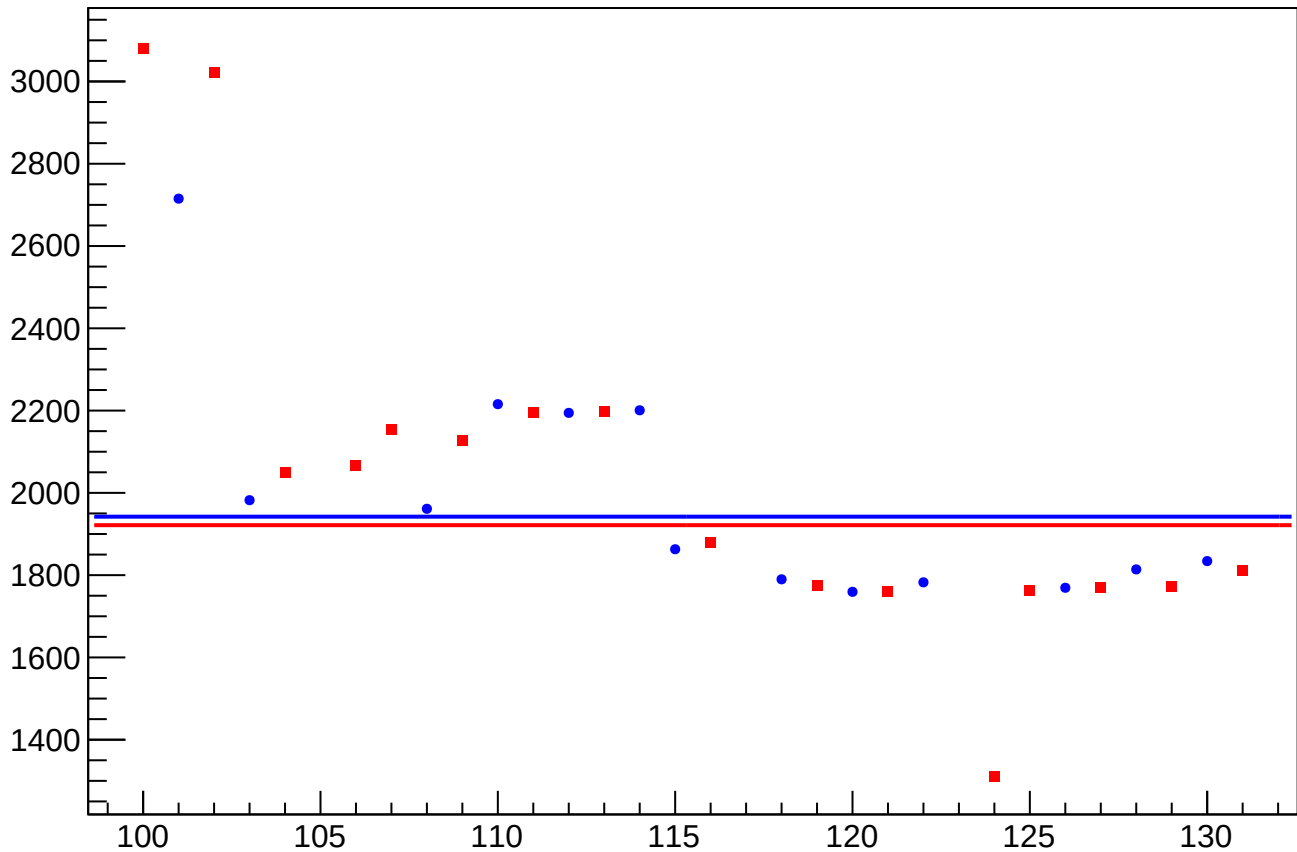
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 353.214+/-571.712 χ^2/NDF : 44.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_avg_rms vs Slug



Right In: 1942.161+/-0.588 χ^2/NDF : 172867.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1921.471+/-0.556 χ^2/NDF : 304590.6/15

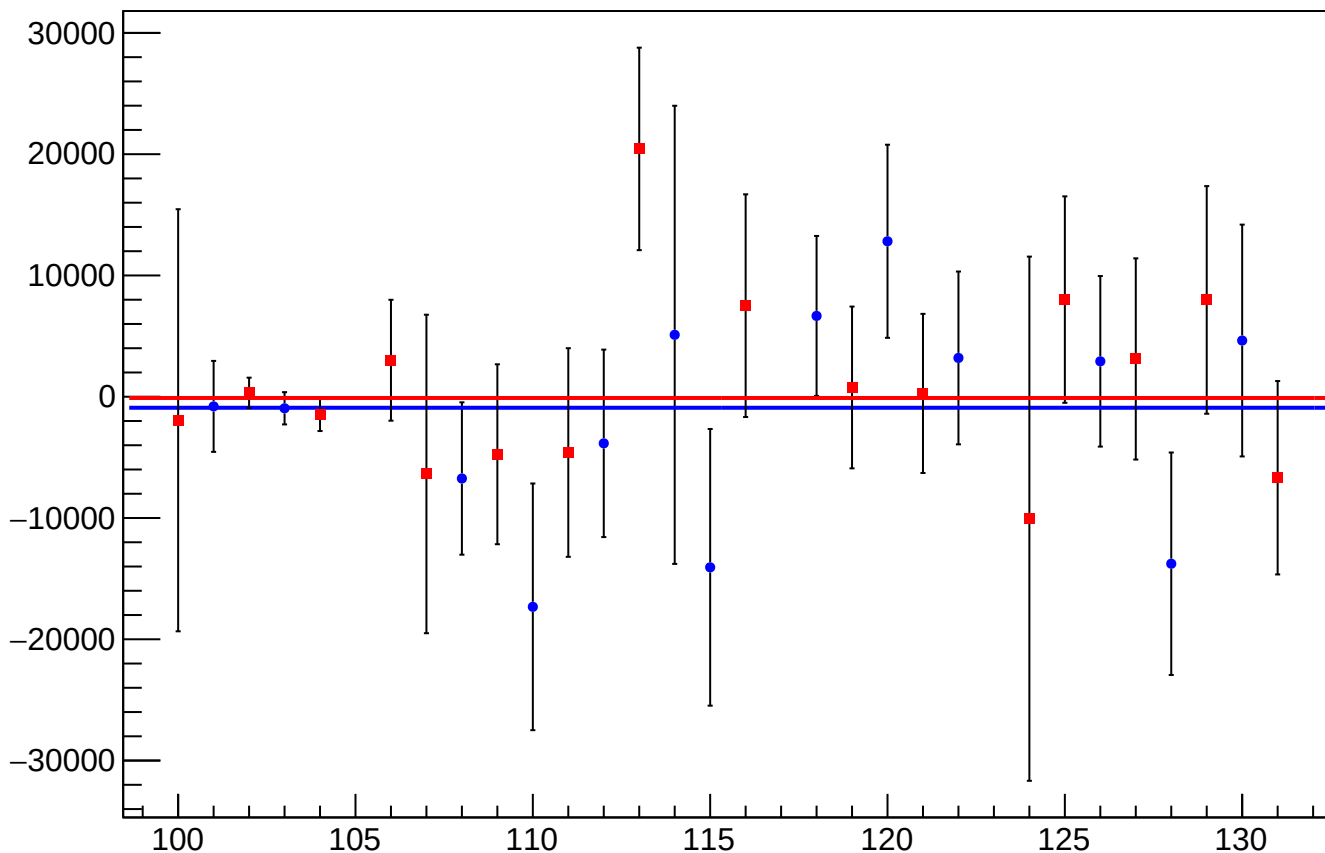
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1931.231+/-0.404 χ^2/NDF : 478111.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_correction_mean vs Slug



Right In: -908.594+/-1118.115 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -102.188+/-848.617 χ^2/NDF : 11.9/15

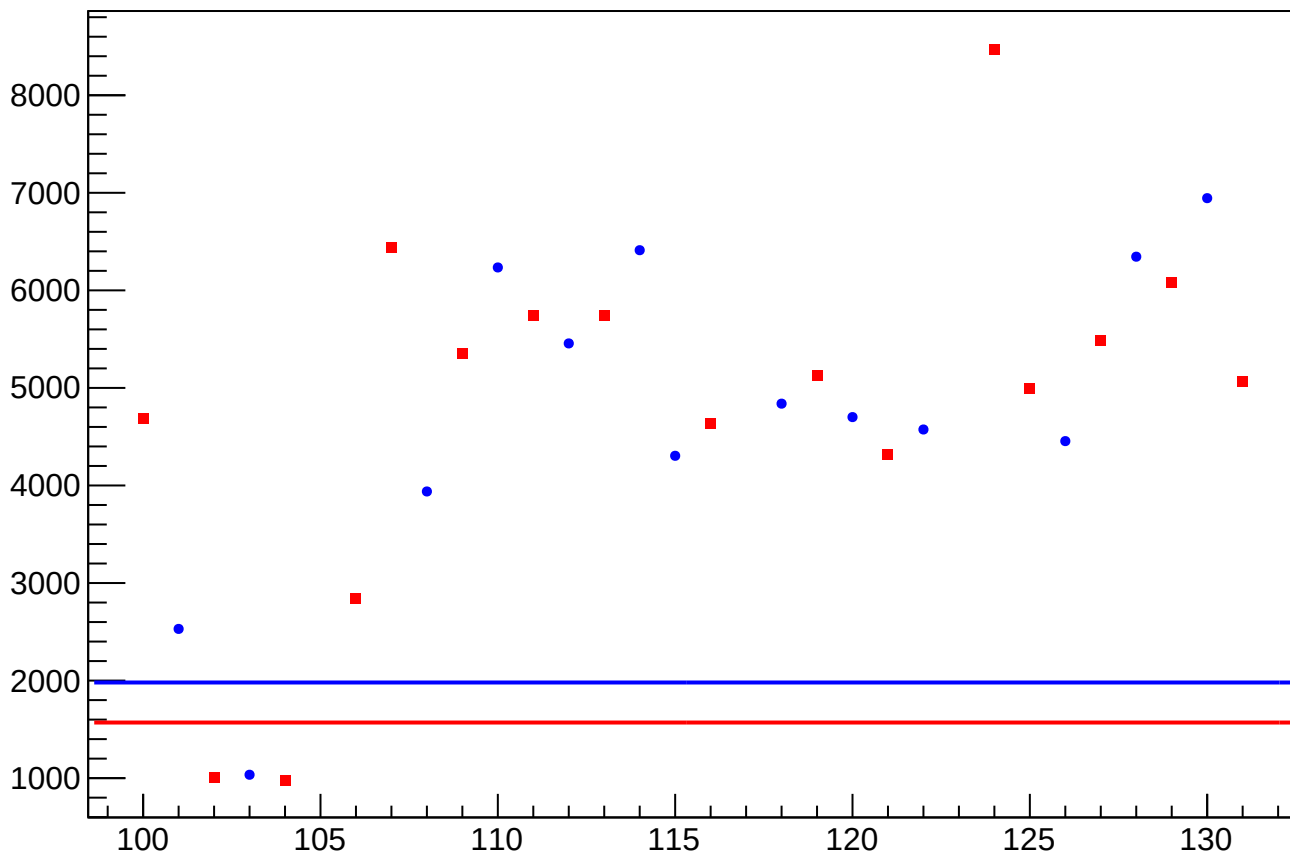
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -396.927+/-675.972 χ^2/NDF : 24.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_correction_rms vs Slug



Right In: 1980.437+/-0.791 χ^2 /NDF: 4309622.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

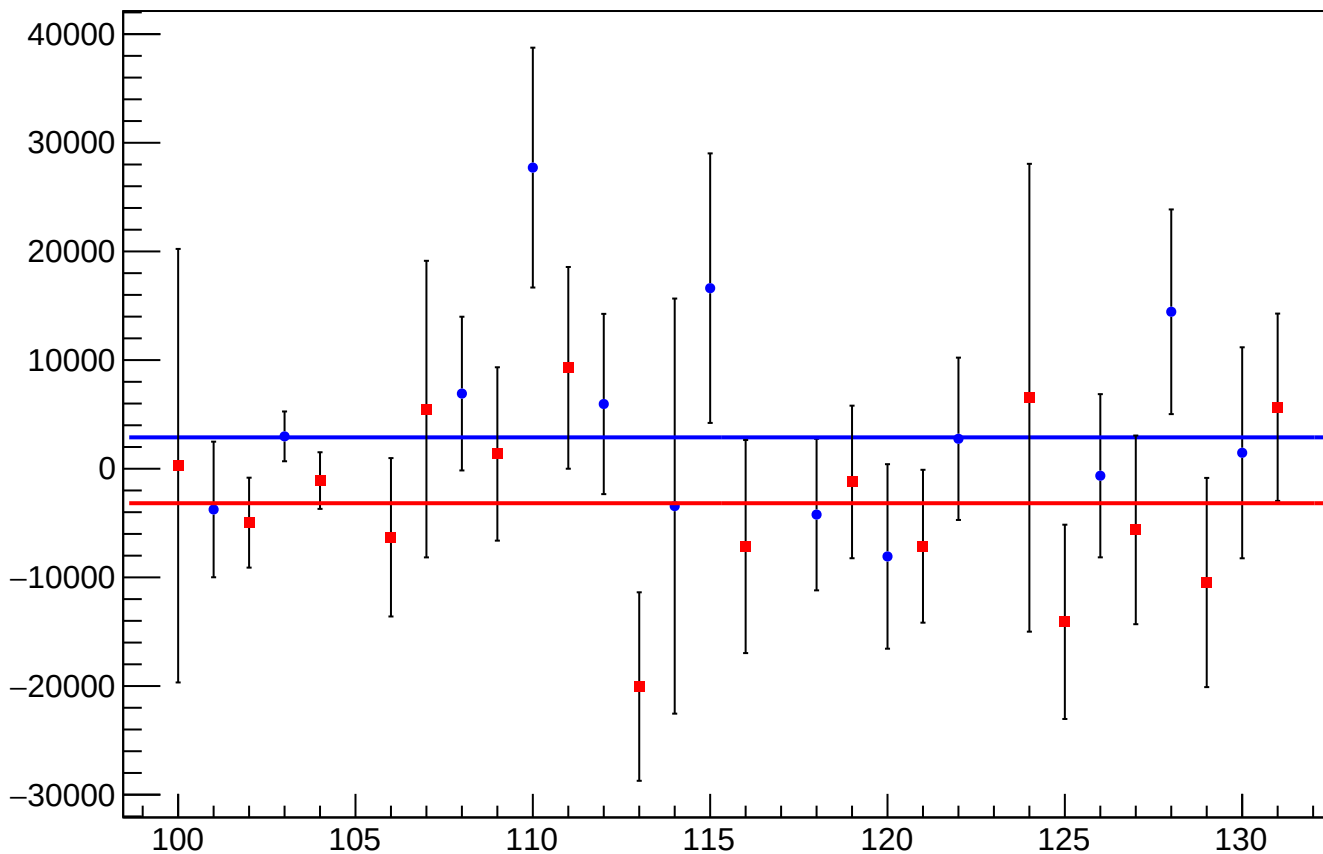
Right Out: 1570.083+/-0.600 χ^2 /NDF: 5708954.4/15

All: 1720.066+/-0.478 χ^2 /NDF: 10189503.0/2

- 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: 2887.920+/-1666.754 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3173.316+/-1630.981 χ^2/NDF : 11.3/15

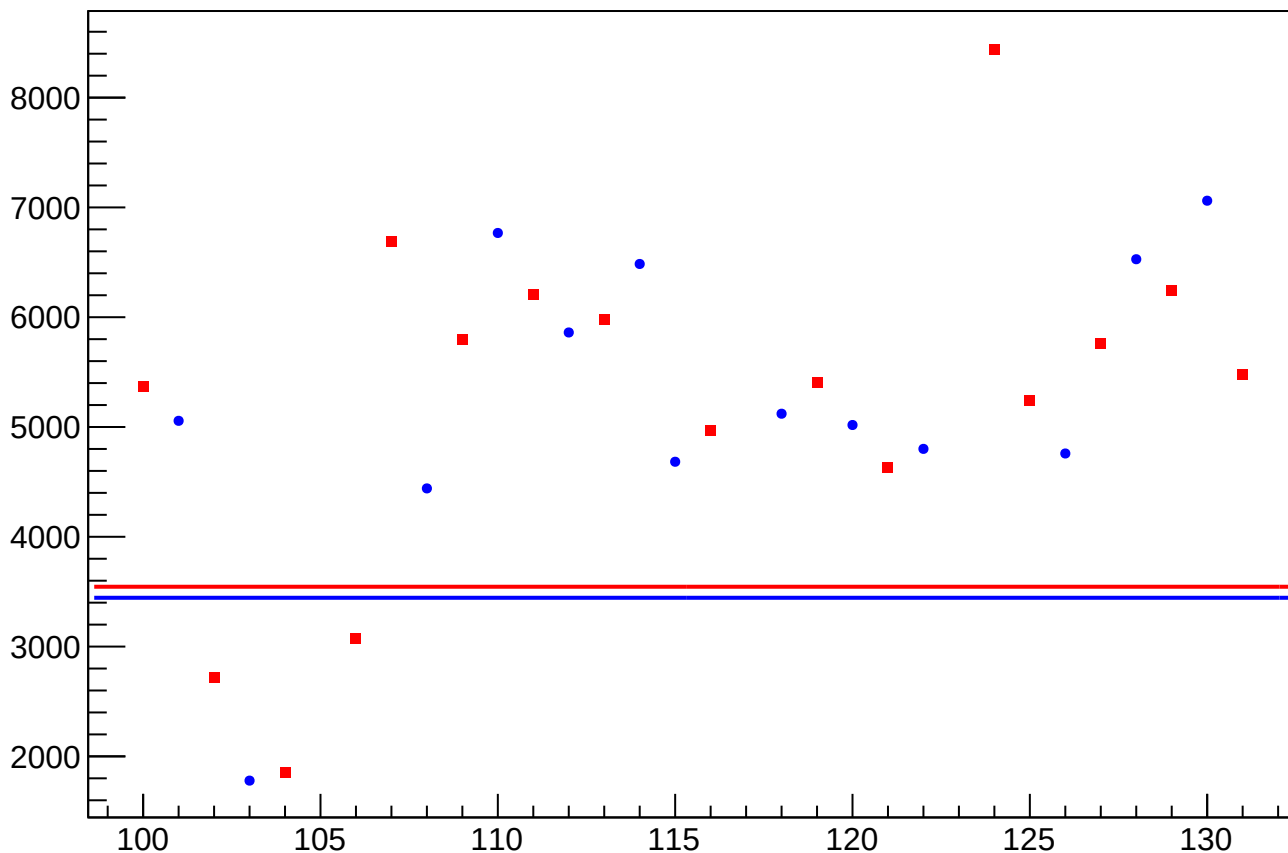
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -208.441+/-1165.720 χ^2/NDF : 30.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_rms vs Slug



Right In: 3444.548+/-1.179 χ^2/NDF : 2453900.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3545.001+/-1.141 χ^2/NDF : 2335193.7/15

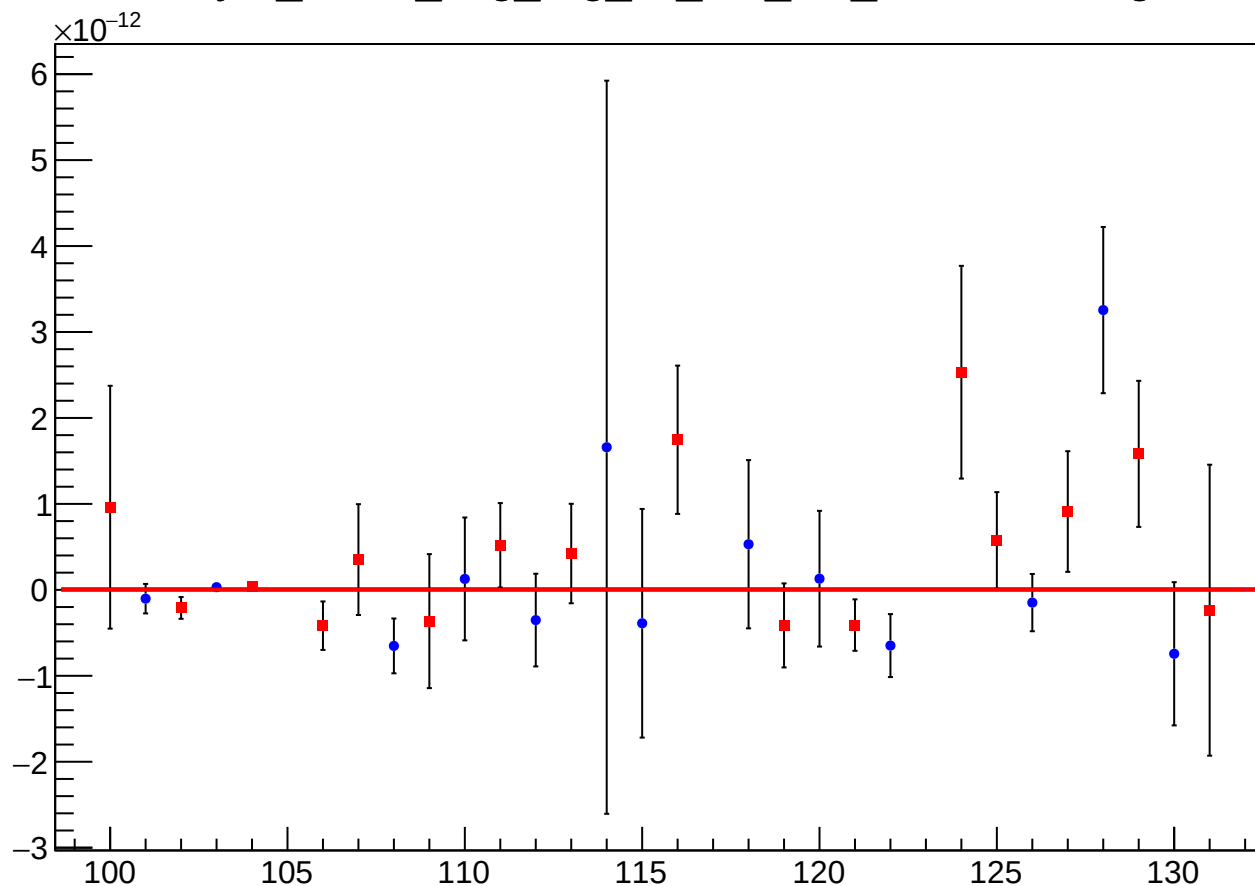
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3496.419+/-0.820 χ^2/NDF : 4792845.4/28

- 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: 21.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 25.1/15

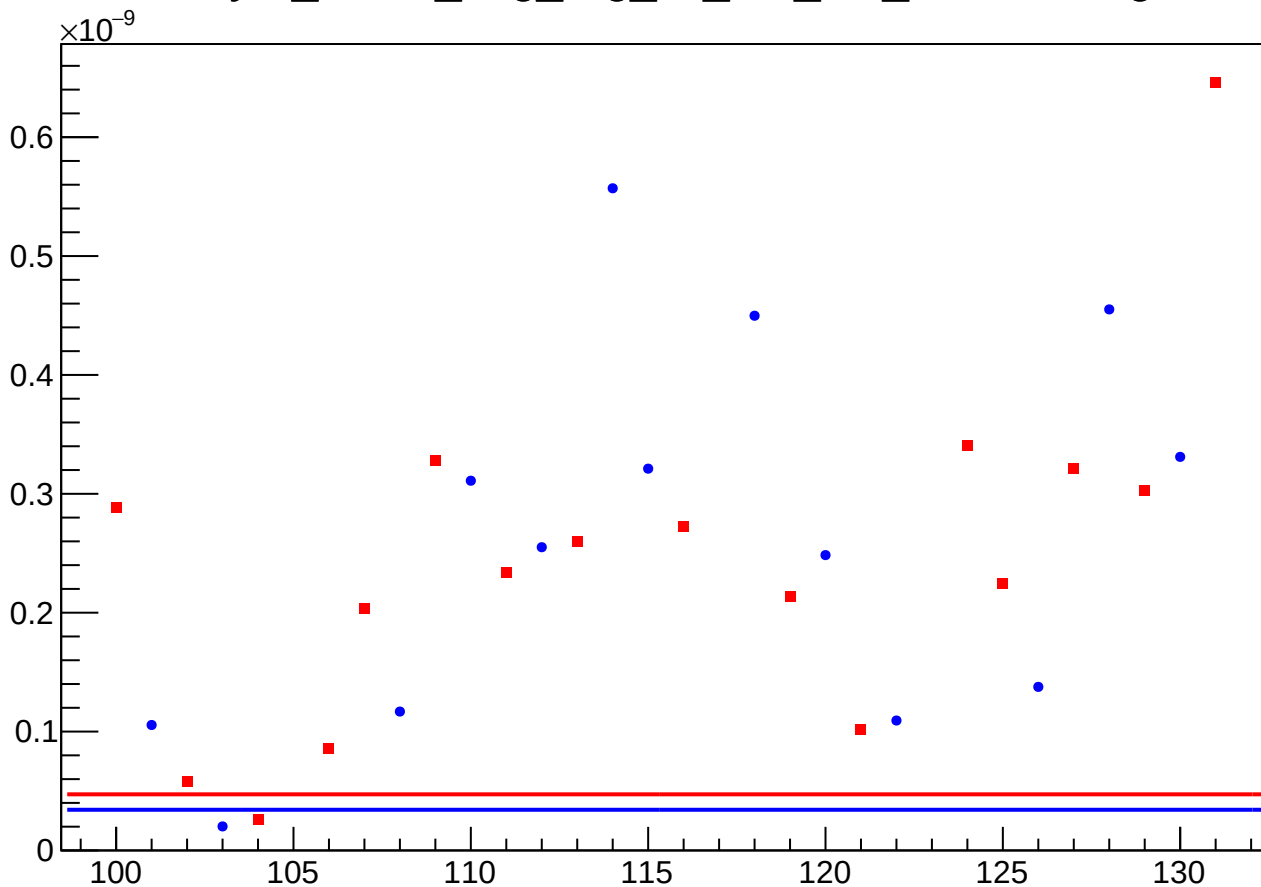
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 46.6/28

- 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 : 2876455.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2828709.6/15

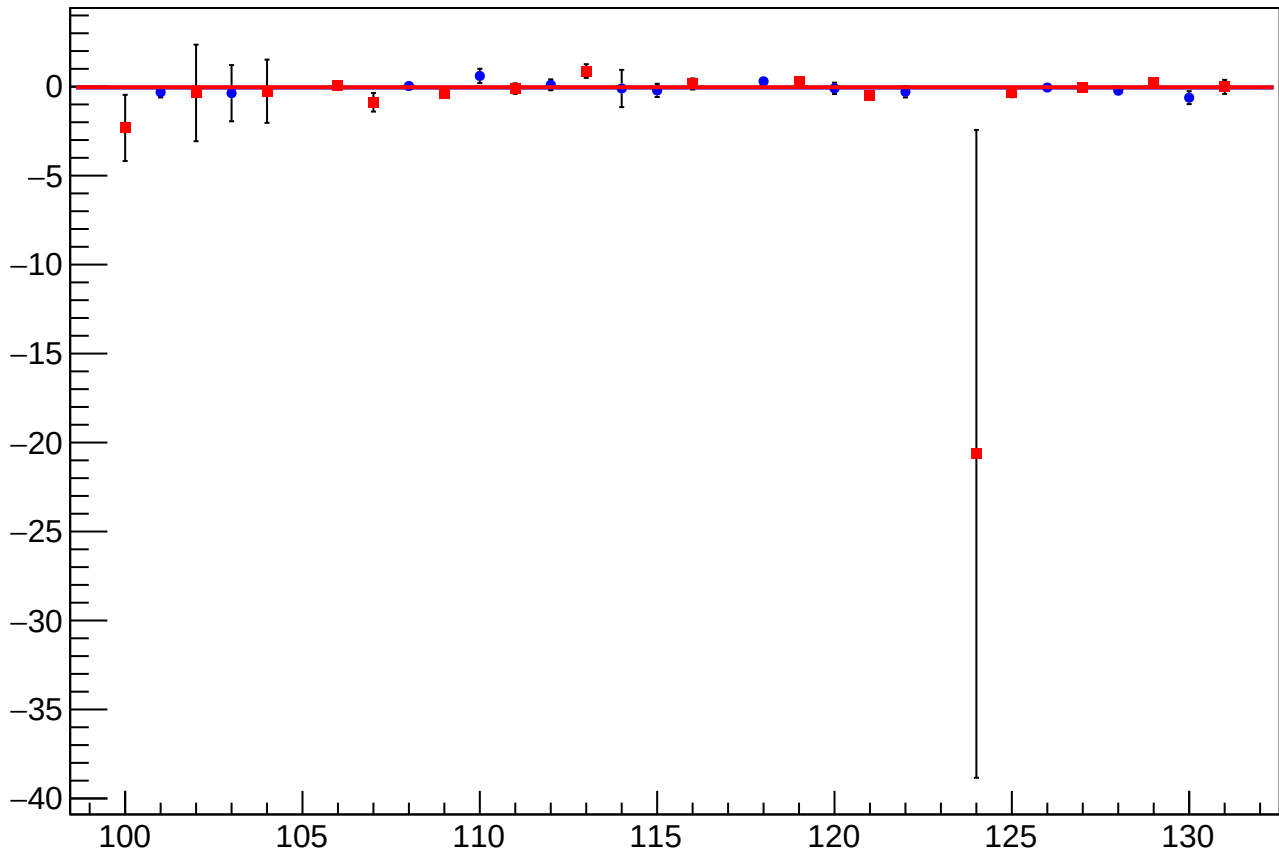
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5792421.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.049 ± 0.087 χ^2/NDF : 9.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.034 ± 0.083 χ^2/NDF : 20.2/15

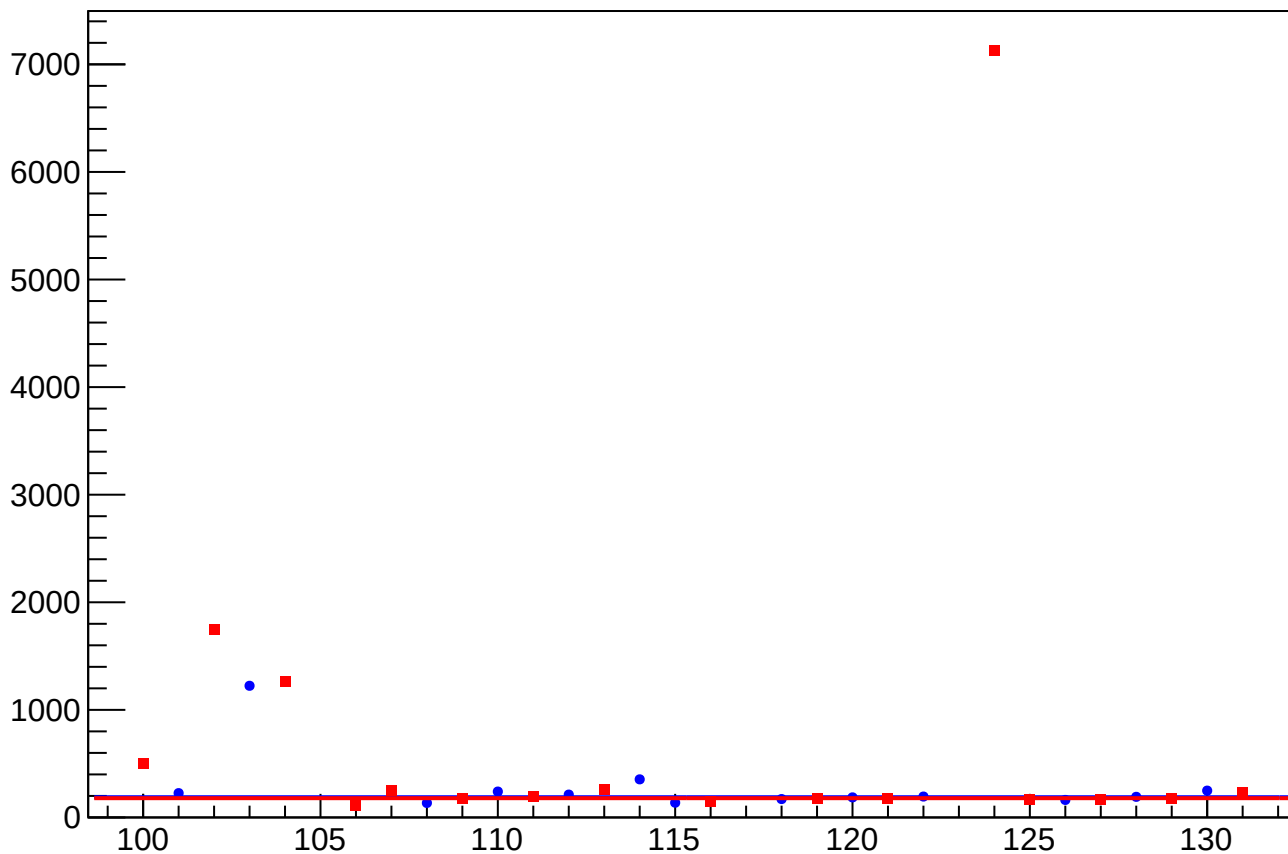
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.041 ± 0.060 χ^2/NDF : 29.9/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 188.083+/-0.062 χ^2/NDF : 1233772.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

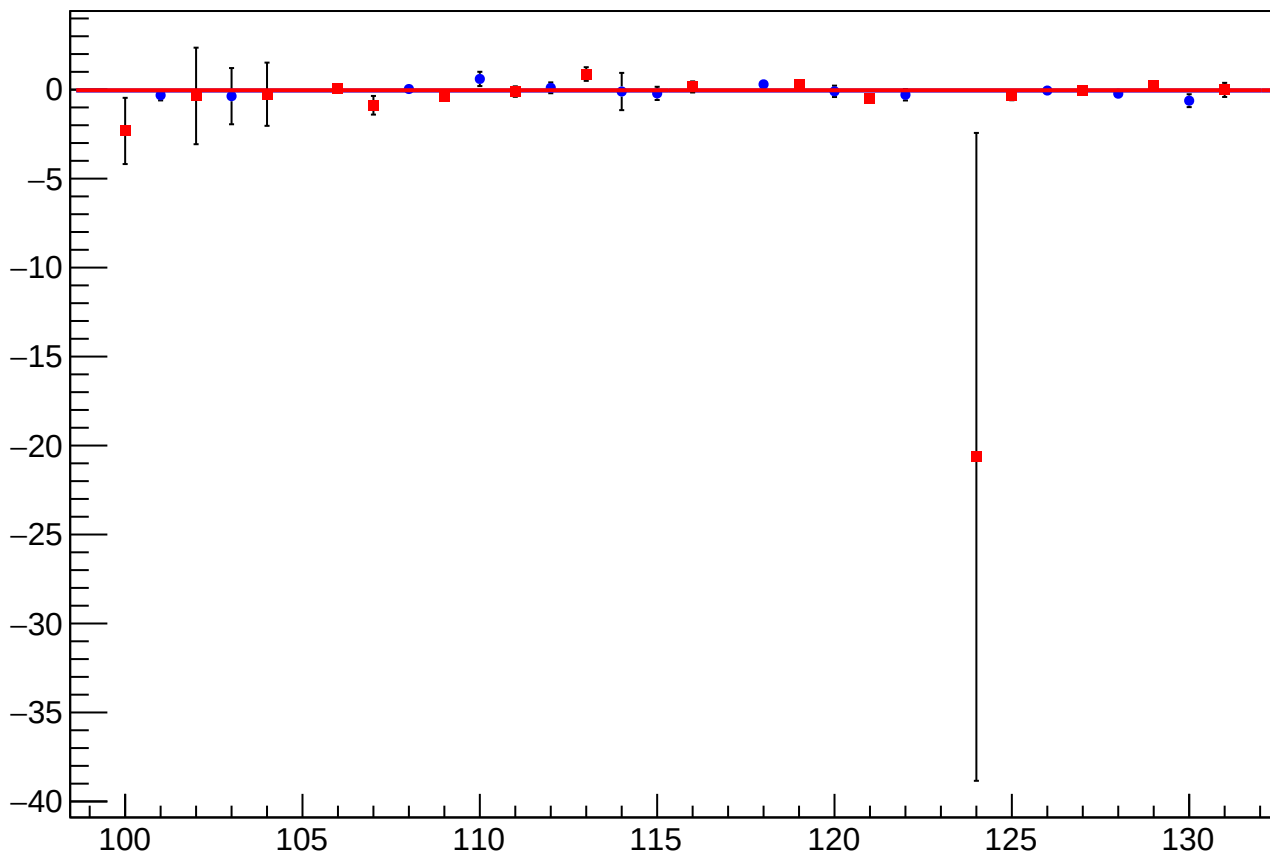
Right Out: 179.141+/-0.059 χ^2/NDF : 2129953.5/15

All: 183.391+/-0.043 χ^2/NDF : 3374694.3/28

- 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_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.049 ± 0.087 χ^2/NDF : 9.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.034 ± 0.083 χ^2/NDF : 20.2/15

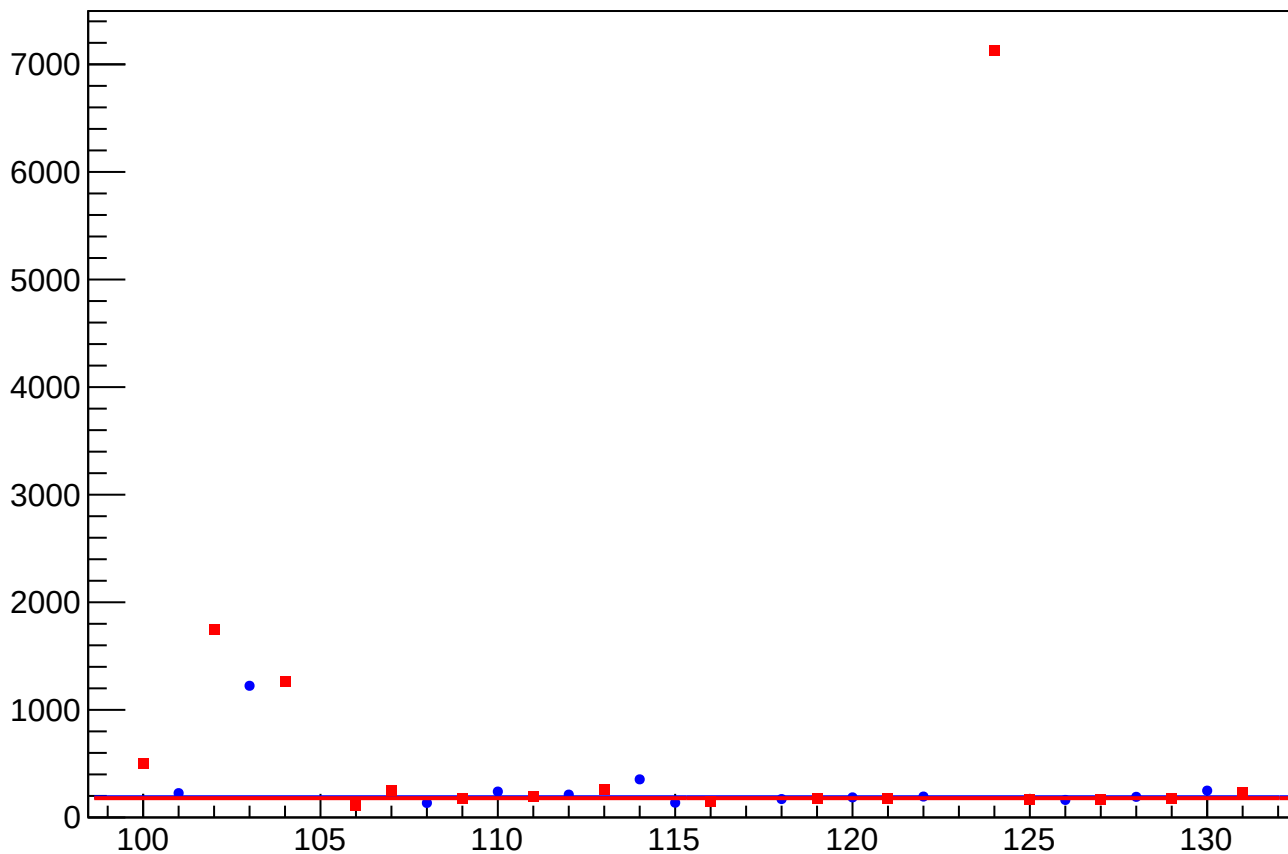
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.041 ± 0.060 χ^2/NDF : 29.9/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 188.083+/-0.062 χ^2/NDF : 1233772.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.141+/-0.059 χ^2/NDF : 2129953.5/15

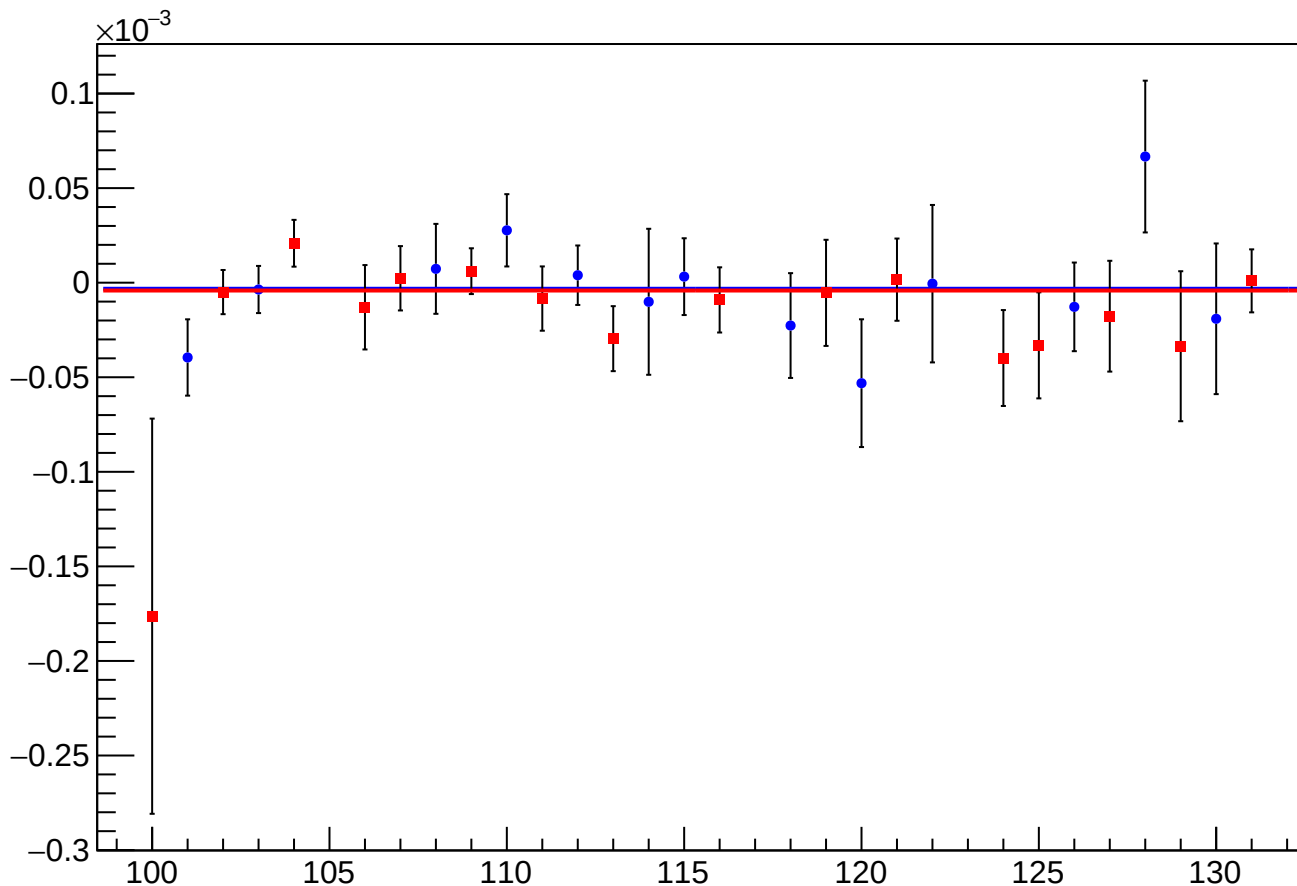
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.391+/-0.043 χ^2/NDF : 3374694.3/28

- 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: 12.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 14.1/15

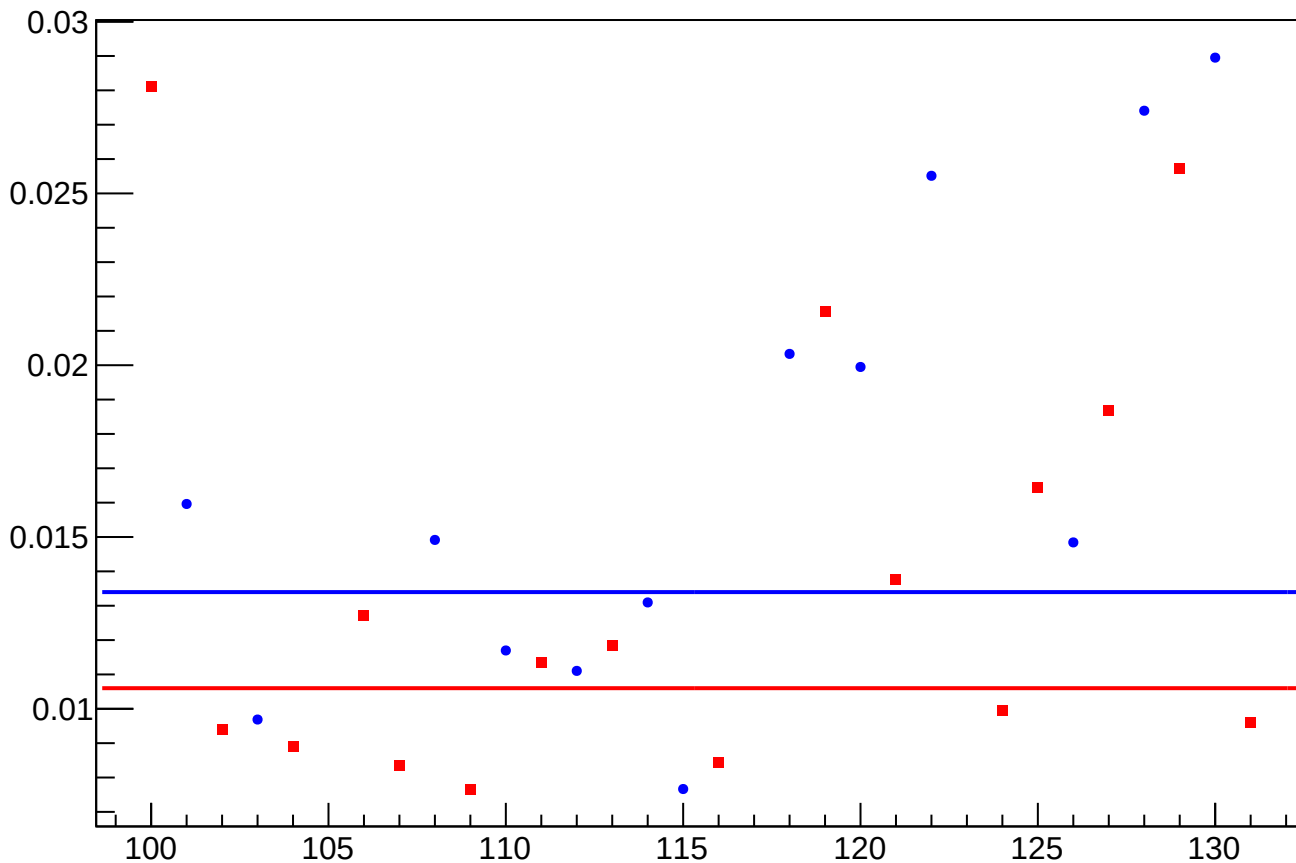
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 26.6/28

- 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 : 1361756.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 1219660.6/15

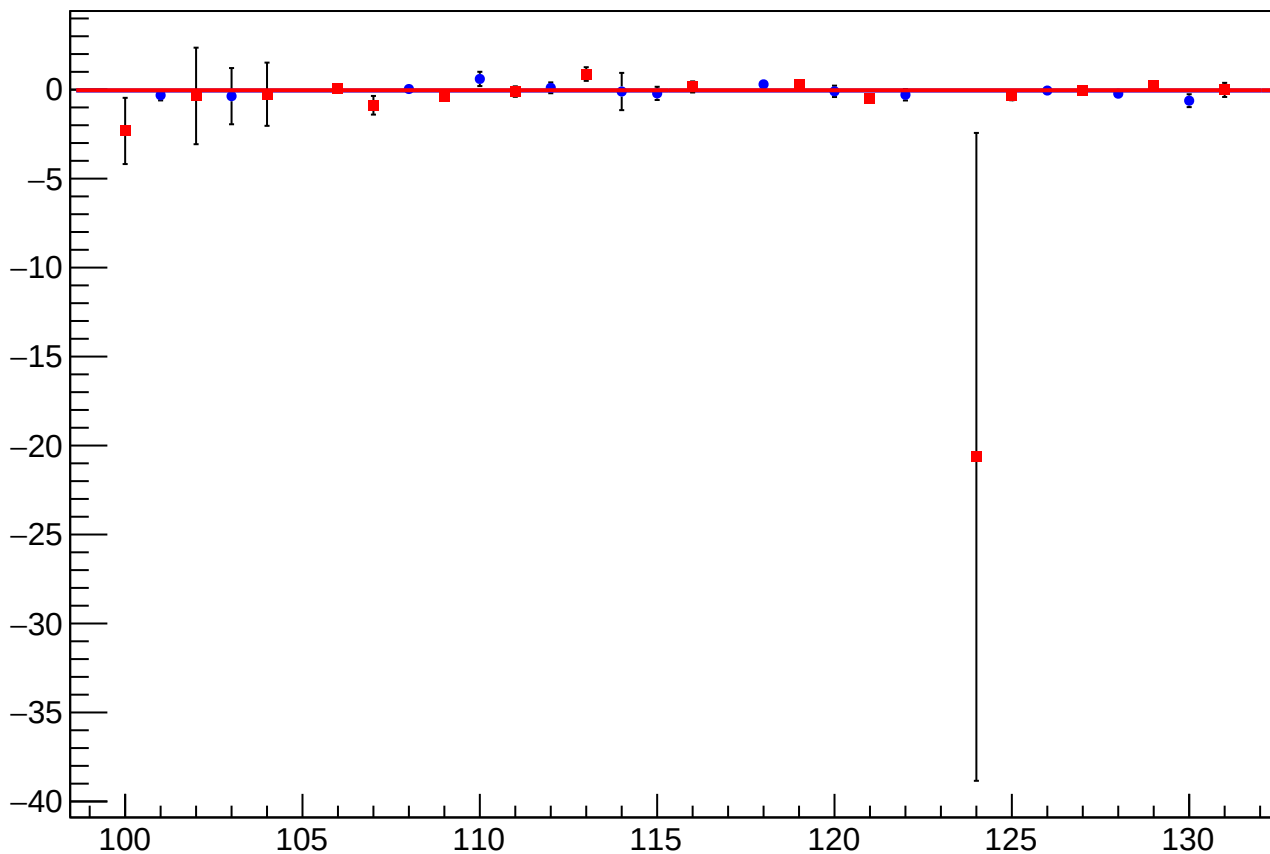
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 2847788.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.050 ± 0.087 χ^2/NDF : 9.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.034 ± 0.083 χ^2/NDF : 20.2/15

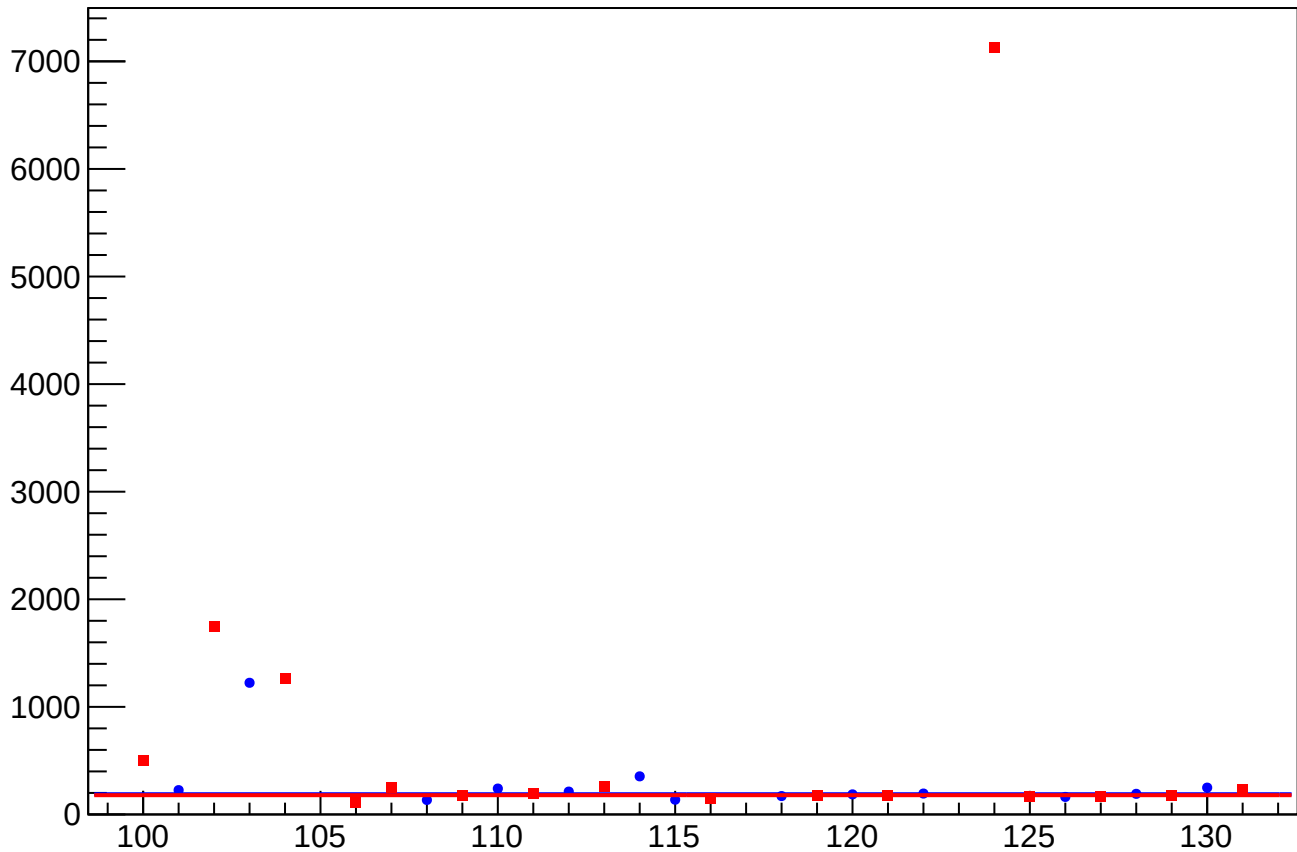
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.041 ± 0.060 χ^2/NDF : 29.9/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 188.080+/-0.062 χ^2/NDF : 1233756.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

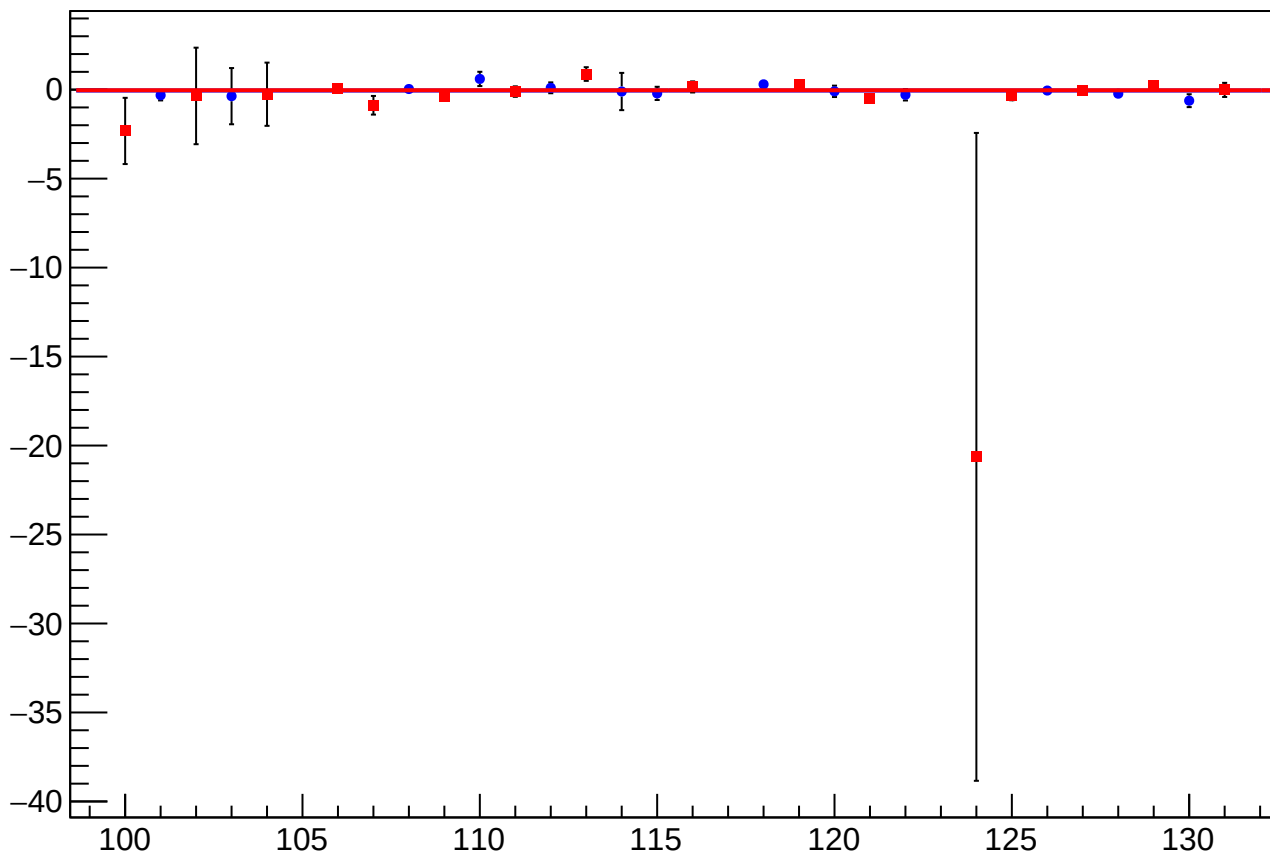
Right Out: 179.138+/-0.059 χ^2/NDF : 2129978.2/15

All: 183.388+/-0.043 χ^2/NDF : 3374704.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.050 ± 0.087 χ^2/NDF : 9.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.034 ± 0.083 χ^2/NDF : 20.2/15

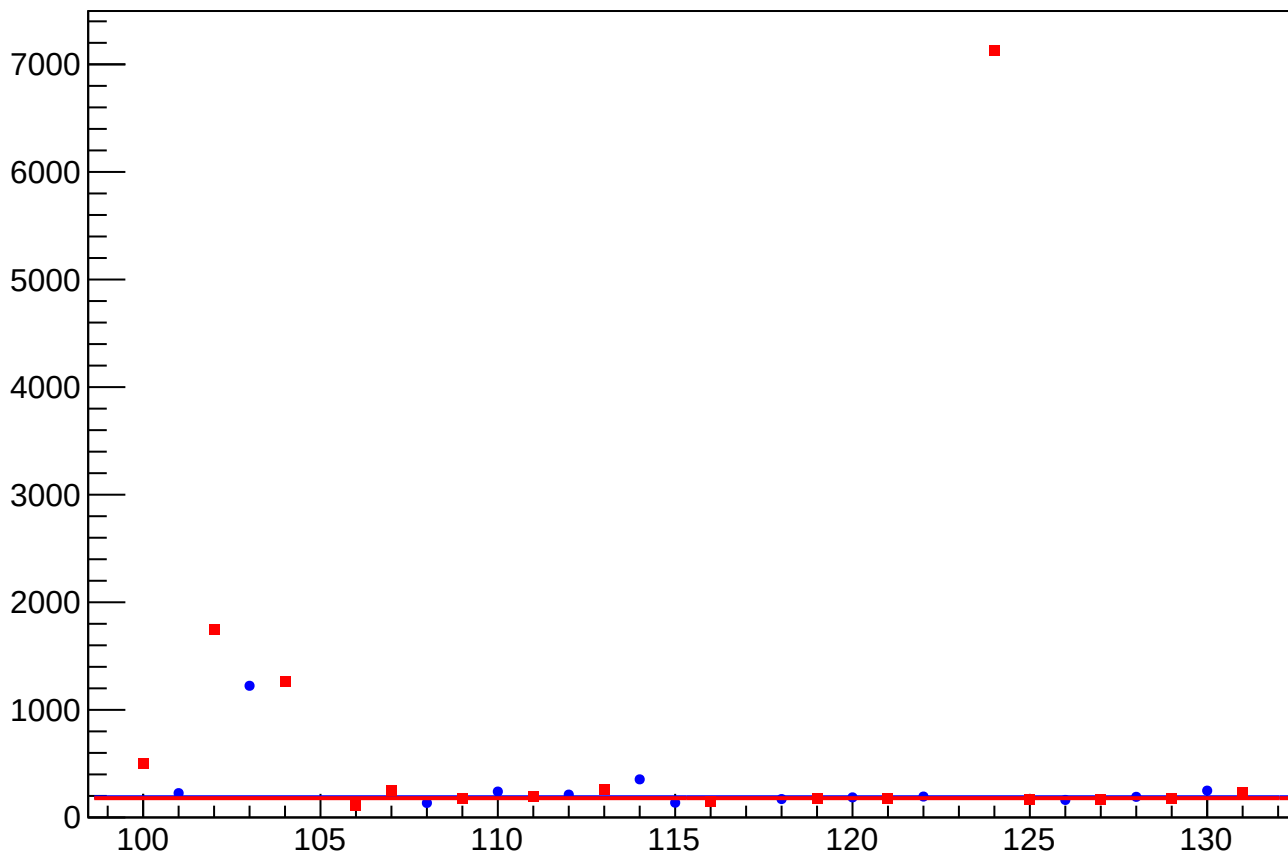
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.041 ± 0.060 χ^2/NDF : 29.9/28

- 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: 188.080+/-0.062 χ^2/NDF : 1233756.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.138+/-0.059 χ^2/NDF : 2129978.2/15

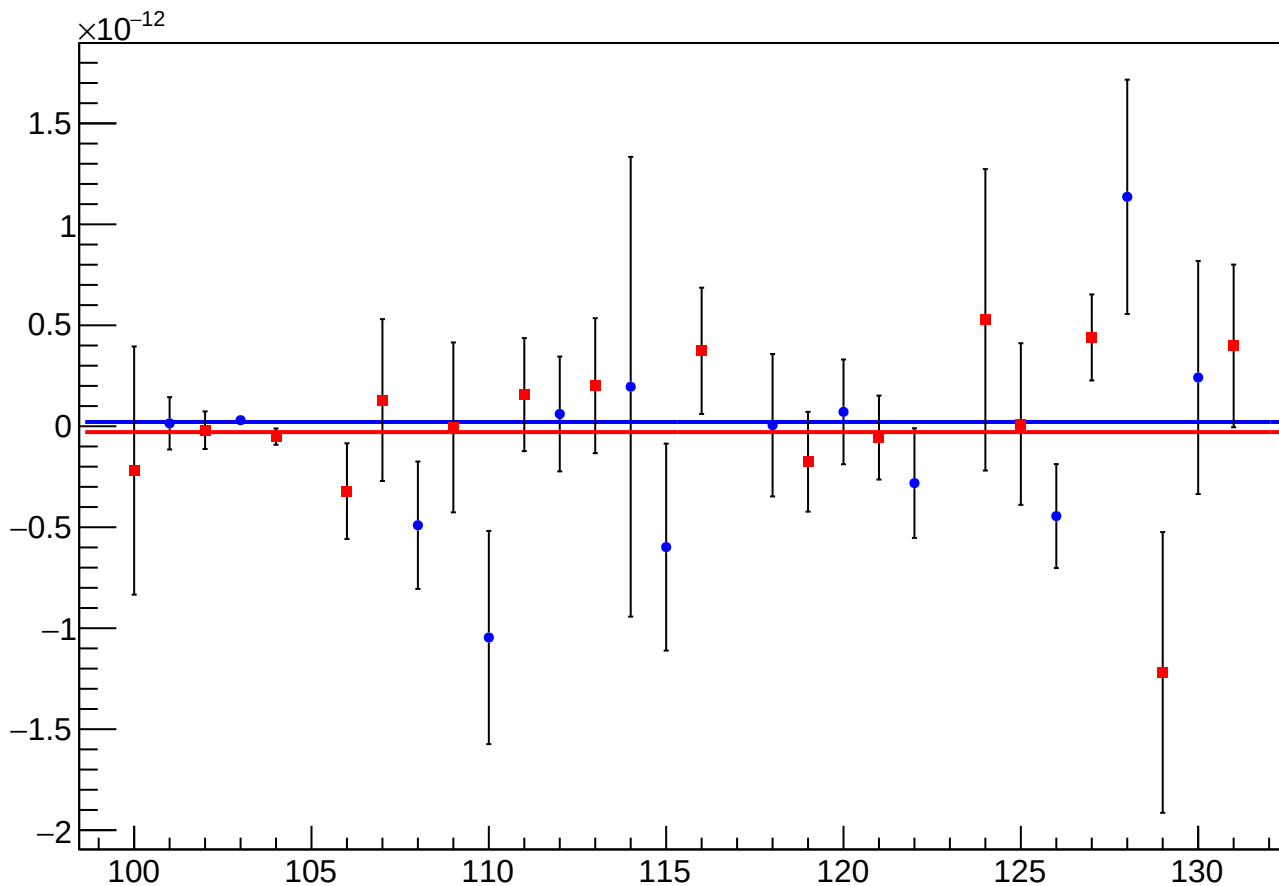
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.388+/-0.043 χ^2/NDF : 3374704.2/28

- 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: 16.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.5/15

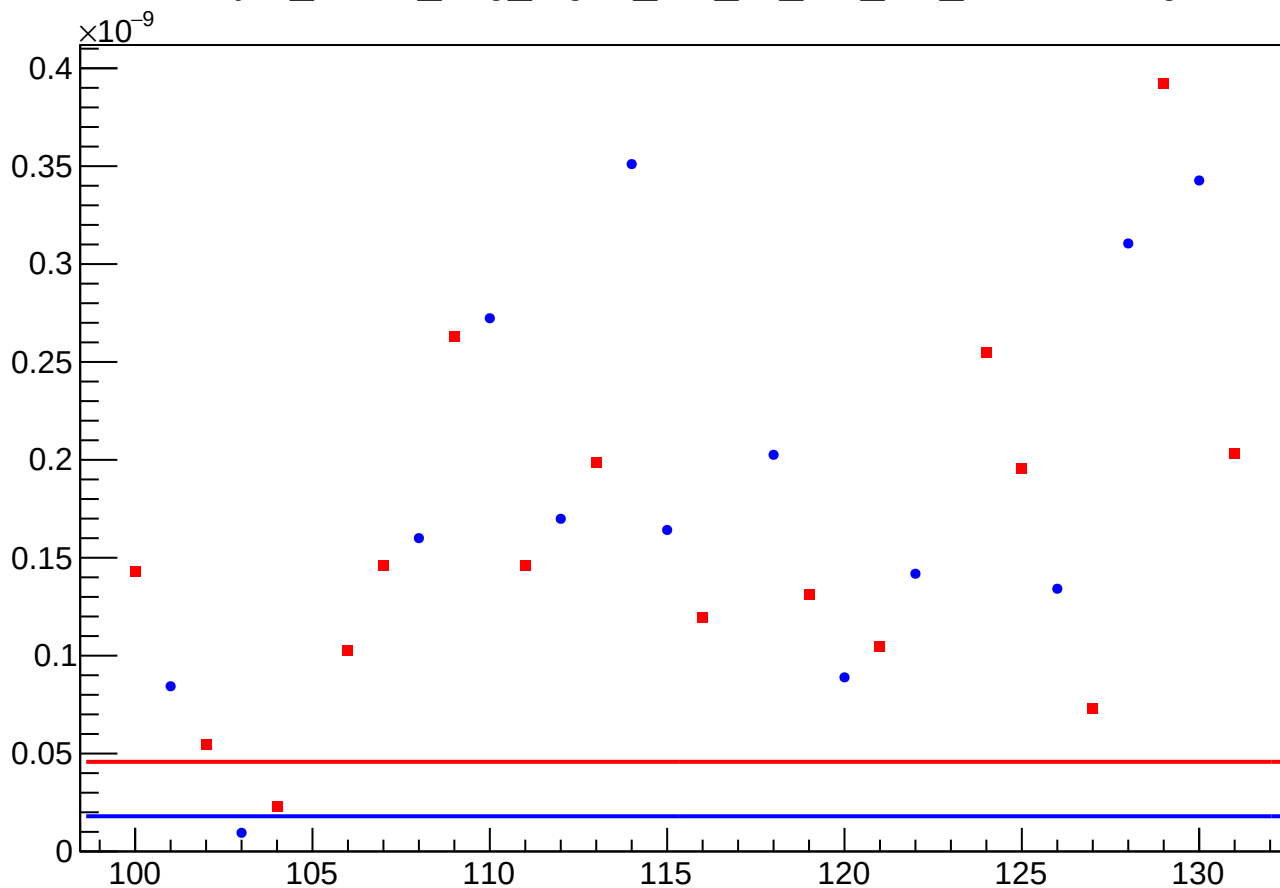
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 32.8/28

- 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 : 5247838.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3928274.0/15

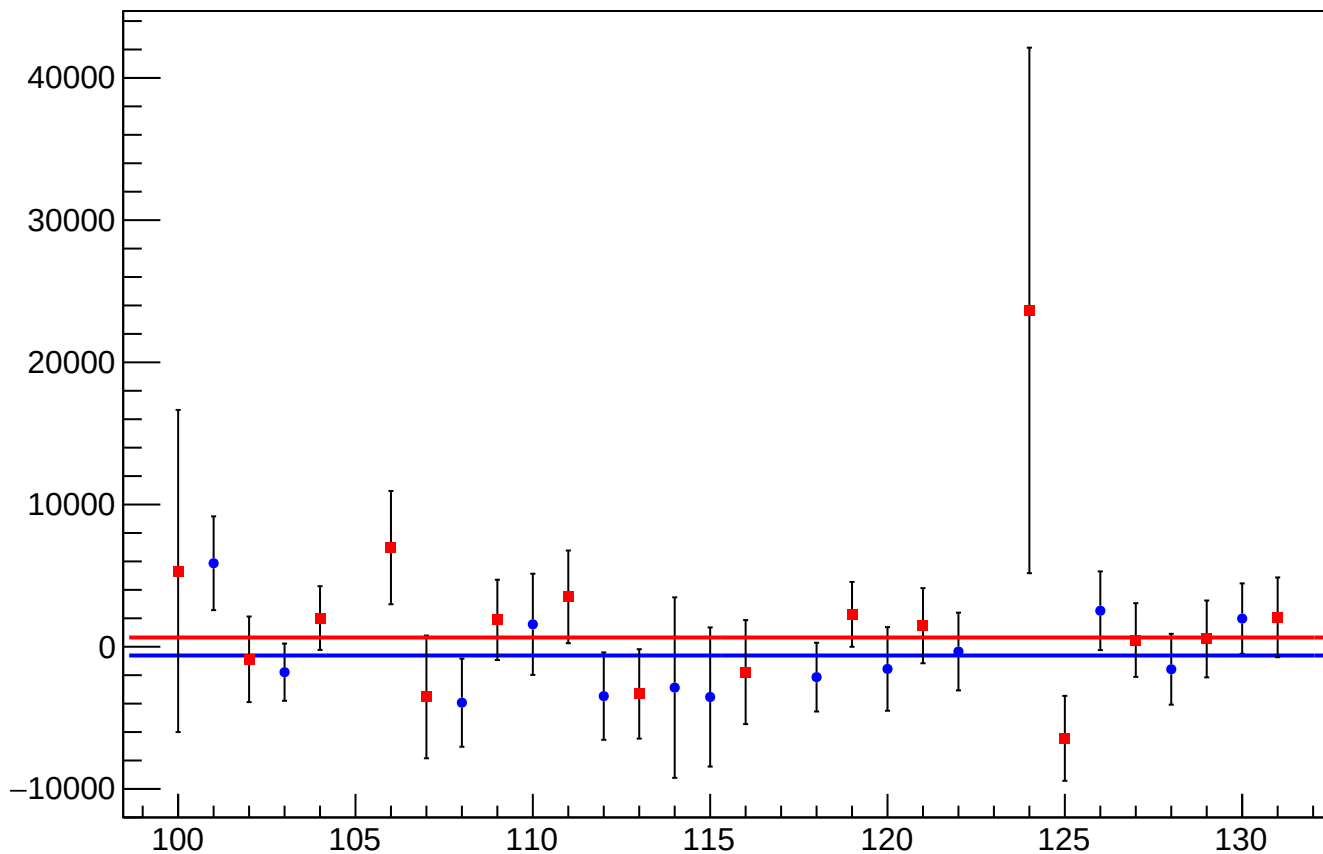
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10134215.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_mean vs Slug



Right In: -615.962+/-797.938 χ^2/NDF : 10.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 649.634+/-768.443 χ^2/NDF : 15.3/15

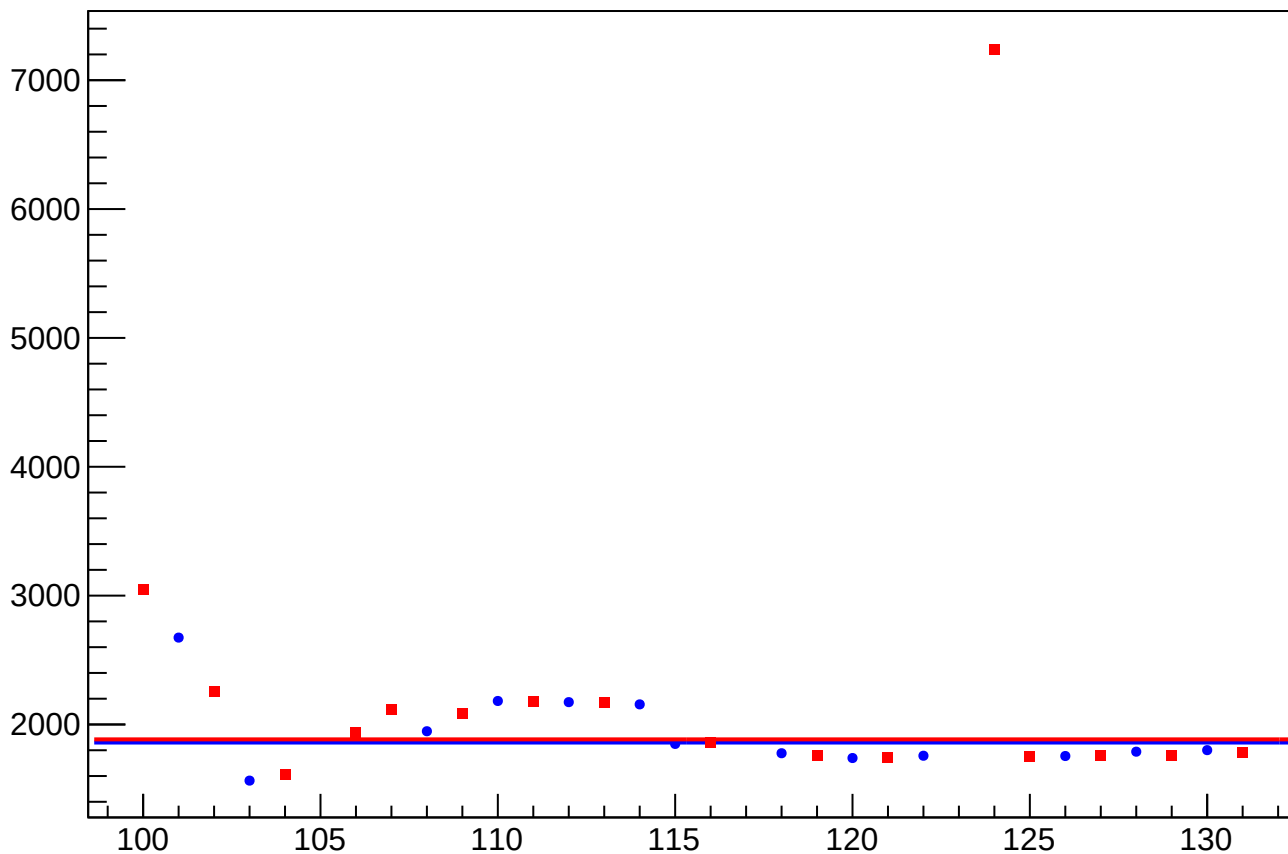
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.659+/-553.505 χ^2/NDF : 26.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_rms vs Slug



Right In: 1859.940+/-0.564 χ^2/NDF : 222479.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1884.440+/-0.542 χ^2/NDF : 326607.6/15

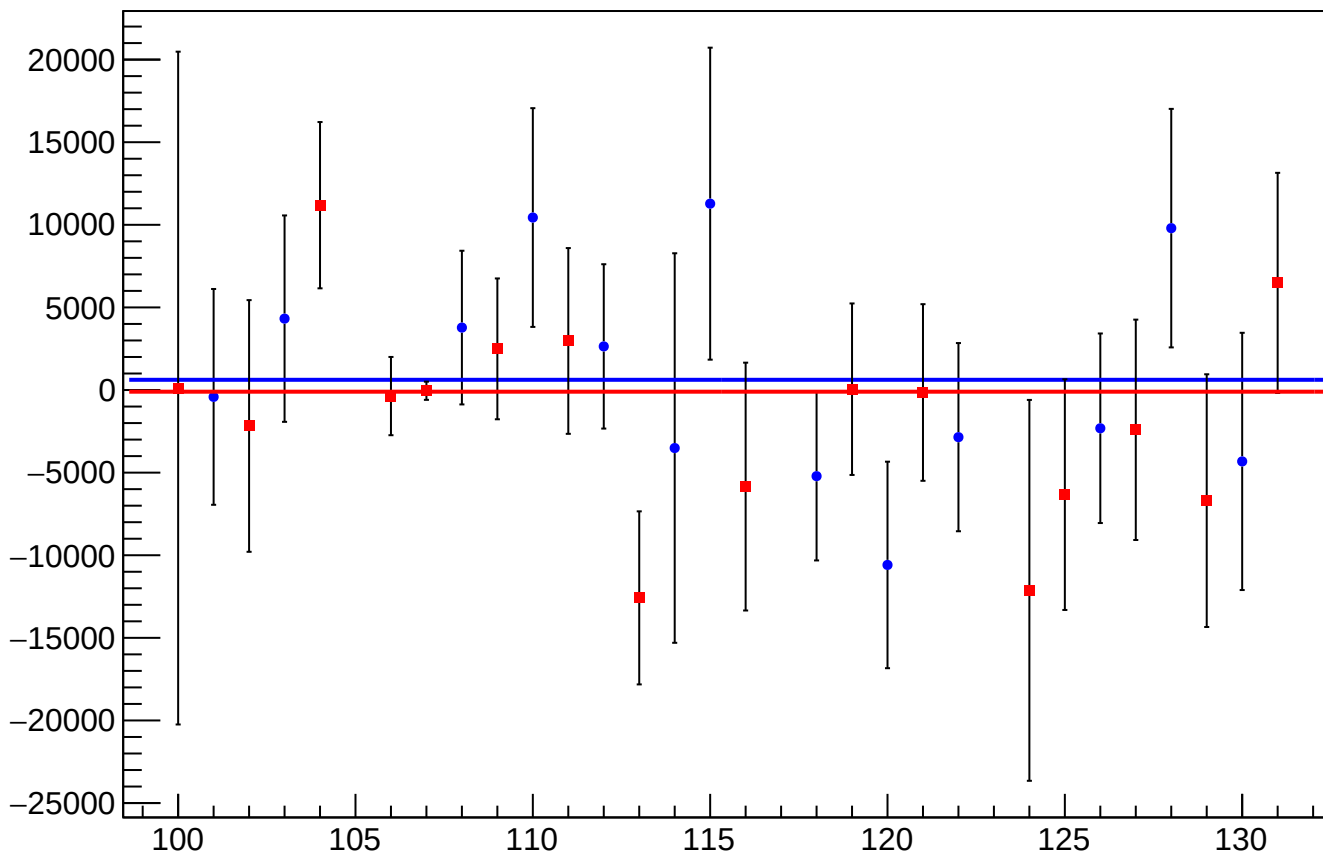
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1872.685+/-0.391 χ^2/NDF : 550068.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_reg_correction_mean vs Slug



Right In: 619.000+/-1720.343 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -100.683+/-510.207 χ^2/NDF : 15.8/15

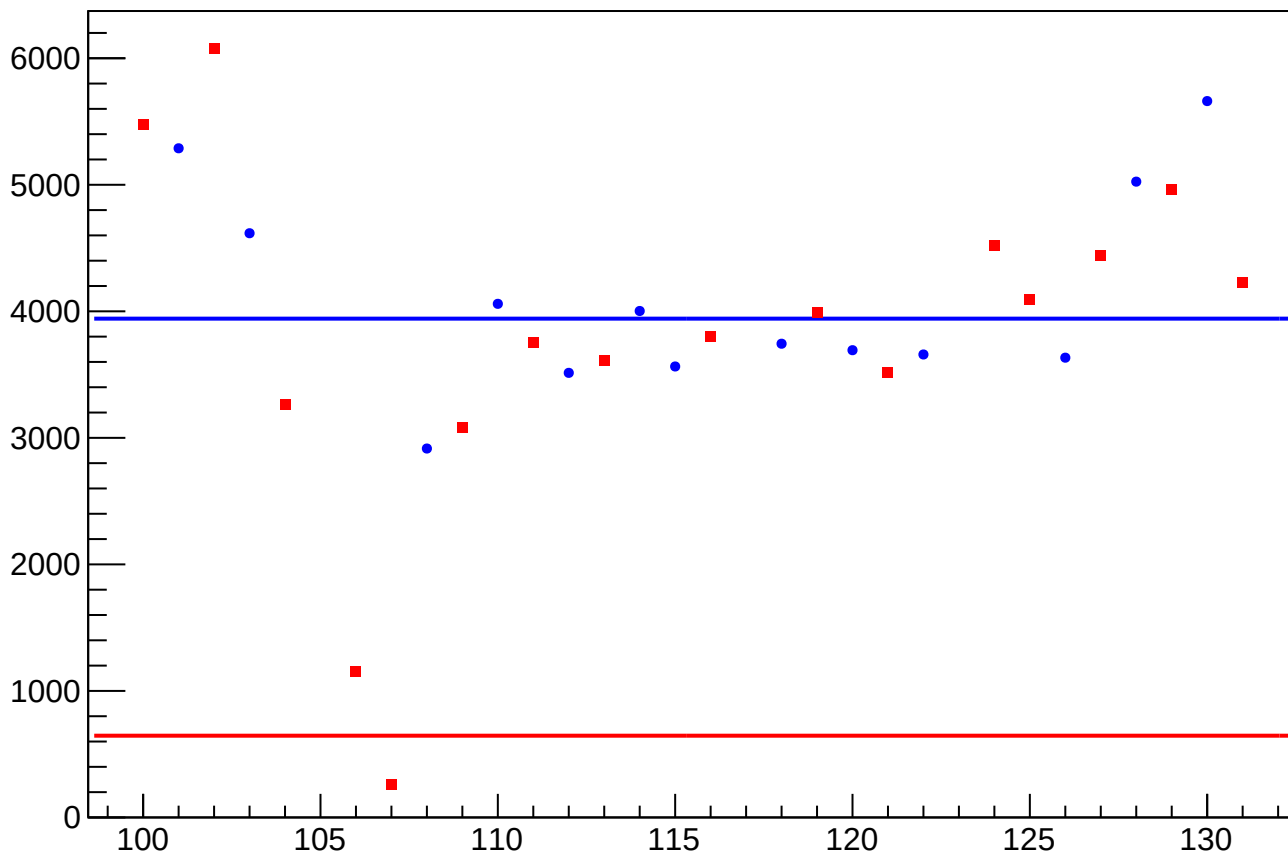
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.500+/-489.148 χ^2/NDF : 27.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_reg_correction_rms vs Slug



Right In: 3942.111+/-1.216 χ^2/NDF : 383986.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 646.151+/-0.361 χ^2/NDF : 8968478.8/15

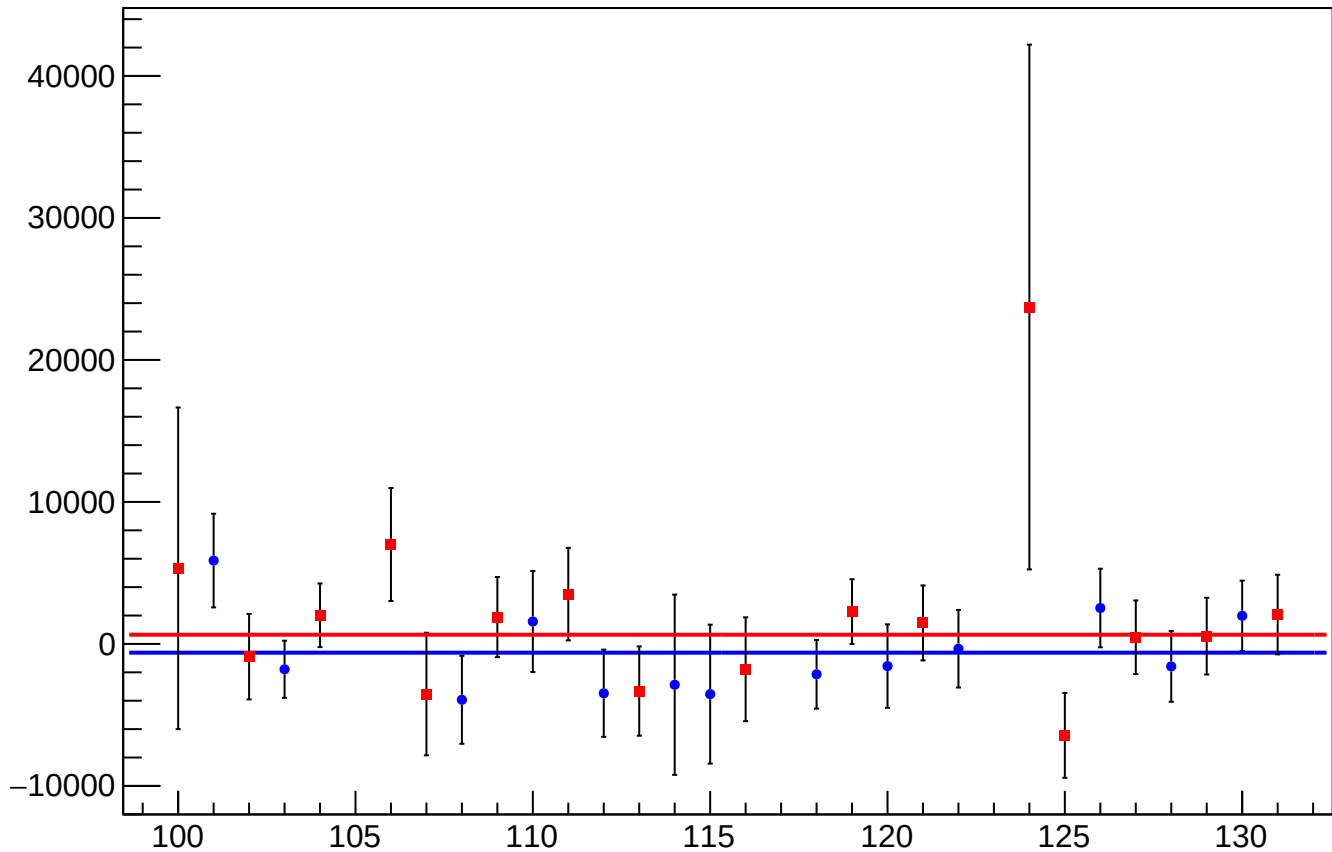
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 912.612+/-0.346 χ^2/NDF : 16100120.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_dd_mean vs Slug



Right In: -615.363+/-797.939 χ^2/NDF : 10.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 650.197+/-768.445 χ^2/NDF : 15.4/15

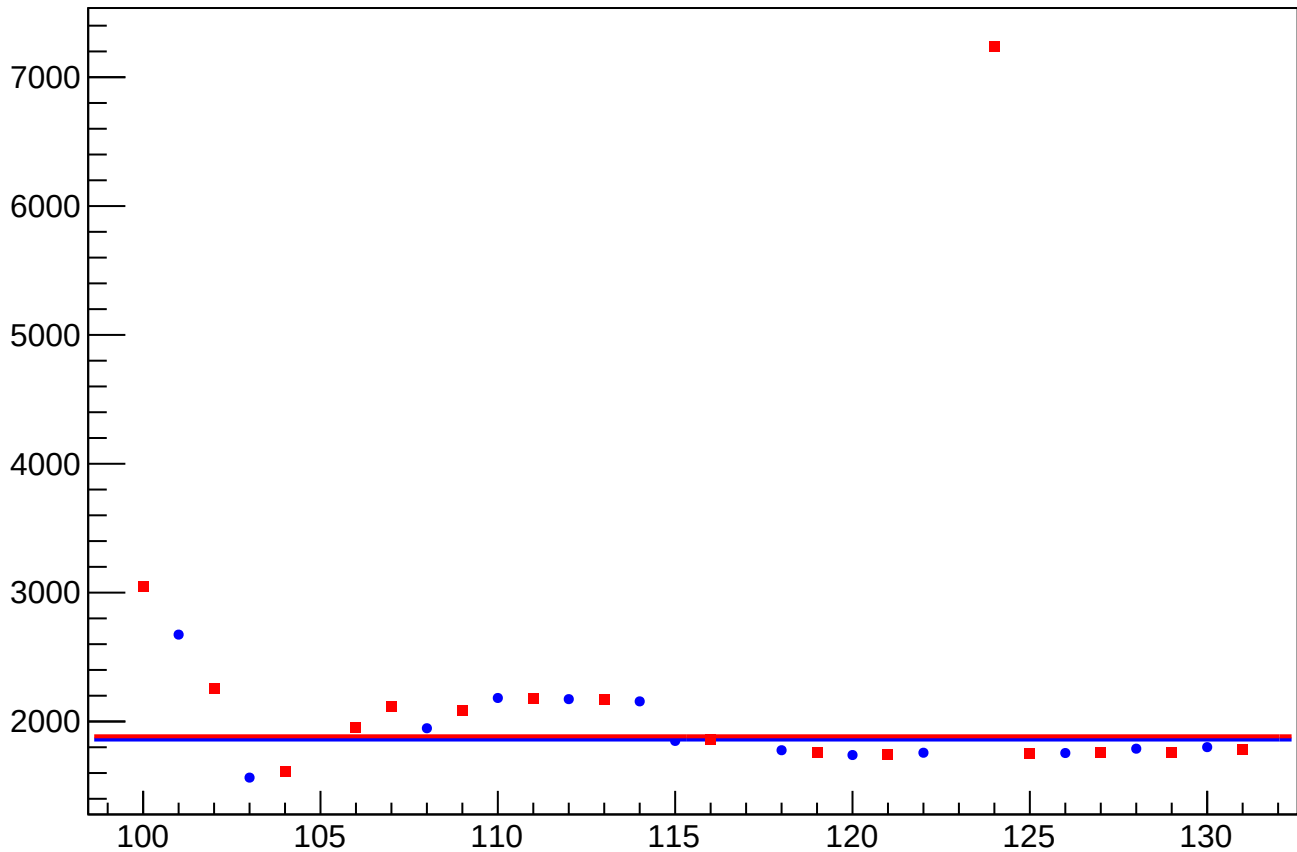
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.237+/-553.506 χ^2/NDF : 26.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_dd_rms vs Slug



Right In: 1859.941+/-0.564 χ^2/NDF : 222478.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1884.980+/-0.542 χ^2/NDF : 326845.9/15

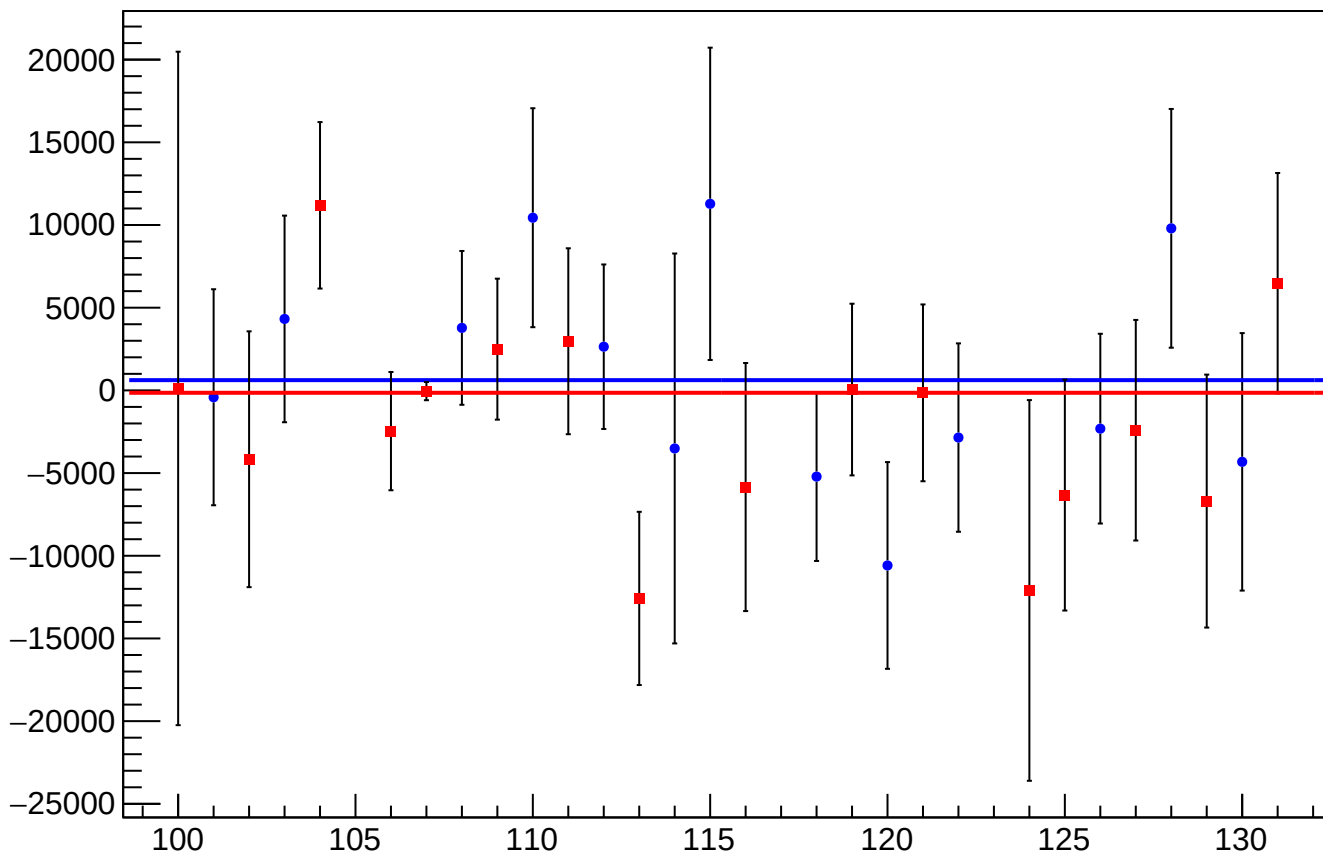
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1872.963+/-0.391 χ^2/NDF : 550348.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_cor_correction_mean vs Slug



Right In: 618.986+/-1720.352 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -145.443+/-516.983 χ^2/NDF : 16.4/15

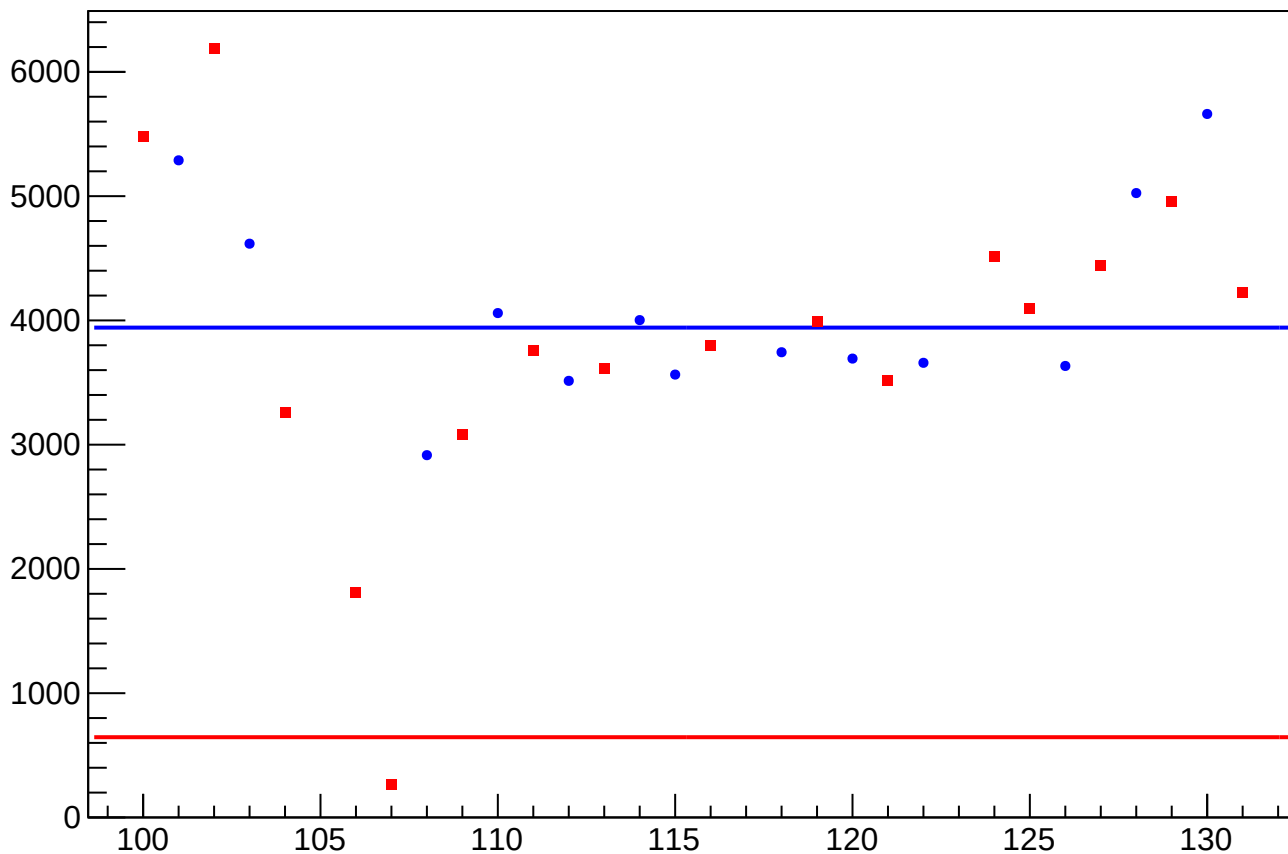
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -82.128+/-495.110 χ^2/NDF : 28.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_cor_correction_rms vs Slug



Right In: 3942.124+/-1.216 χ^2/NDF : 384008.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

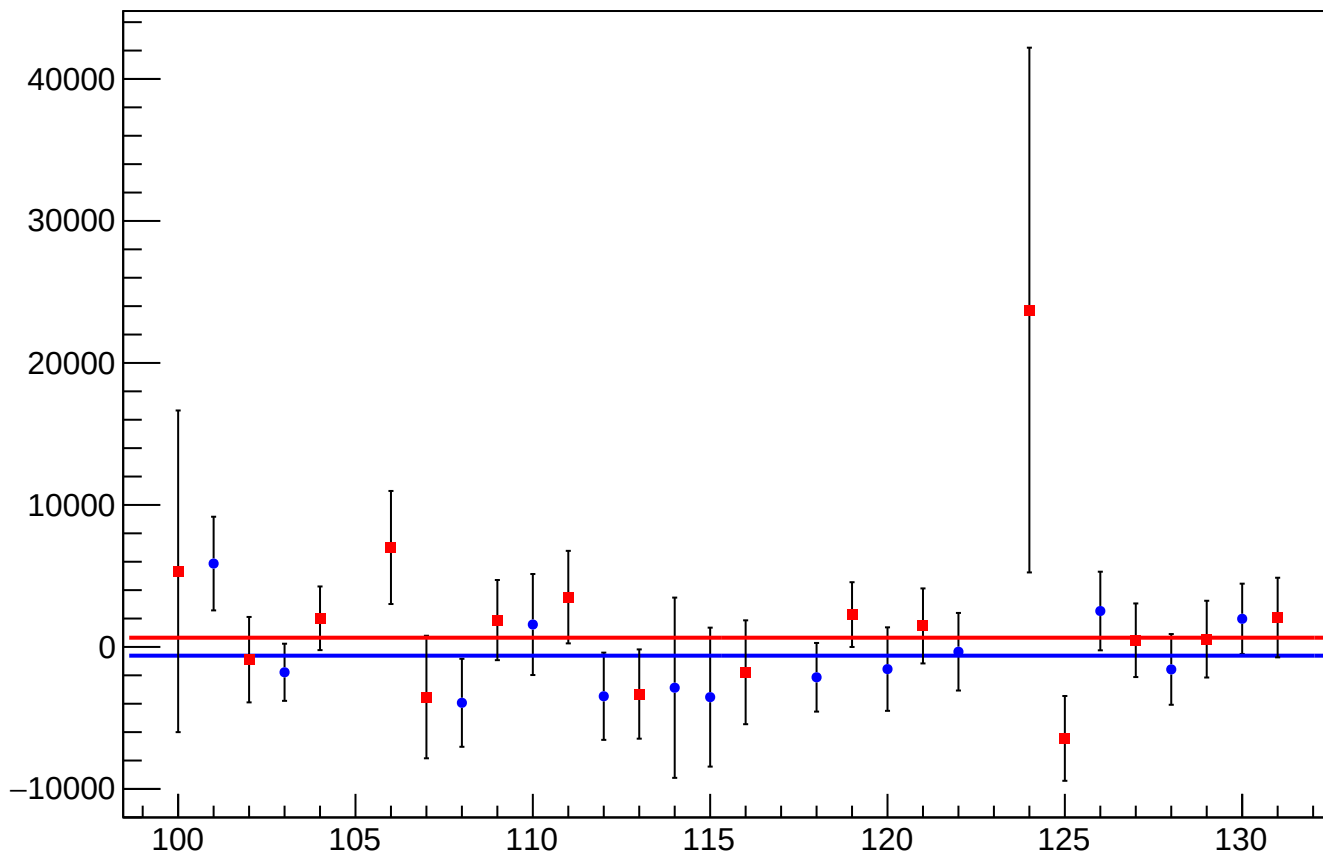
Right Out: 645.851+/-0.366 χ^2/NDF : 9097469.4/15

All: 918.870+/-0.350 χ^2/NDF : 16215789.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_dd_mean vs Slug



Right In: -615.363+/-797.939 χ^2/NDF : 10.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 650.197+/-768.445 χ^2/NDF : 15.4/15

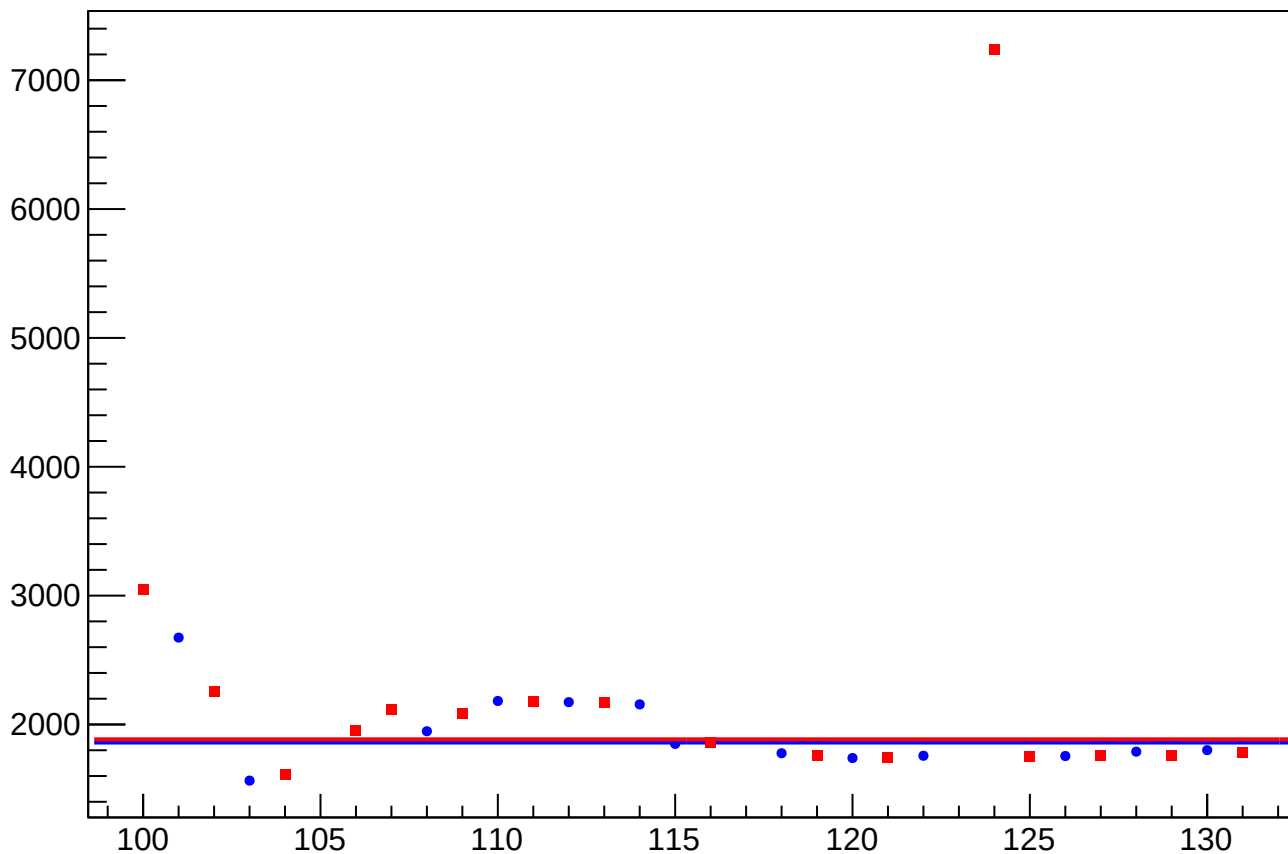
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.237+/-553.506 χ^2/NDF : 26.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_dd_rms vs Slug



Right In: 1859.941+/-0.564 χ^2/NDF : 222478.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1884.980+/-0.542 χ^2/NDF : 326845.9/15

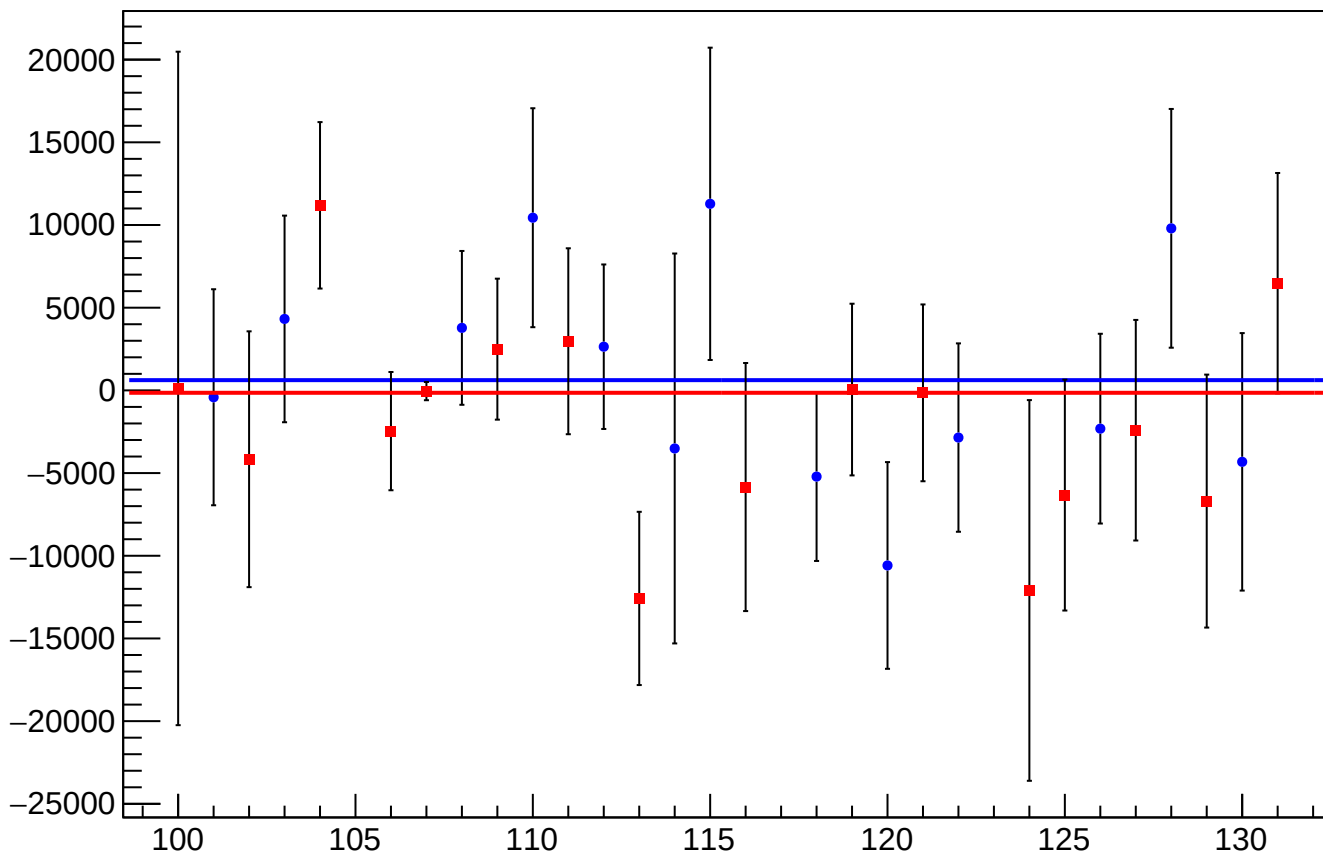
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1872.963+/-0.391 χ^2/NDF : 550348.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_cor_correction_mean vs Slug



Right In: 618.986+/-1720.352 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -145.443+/-516.983 χ^2/NDF : 16.4/15

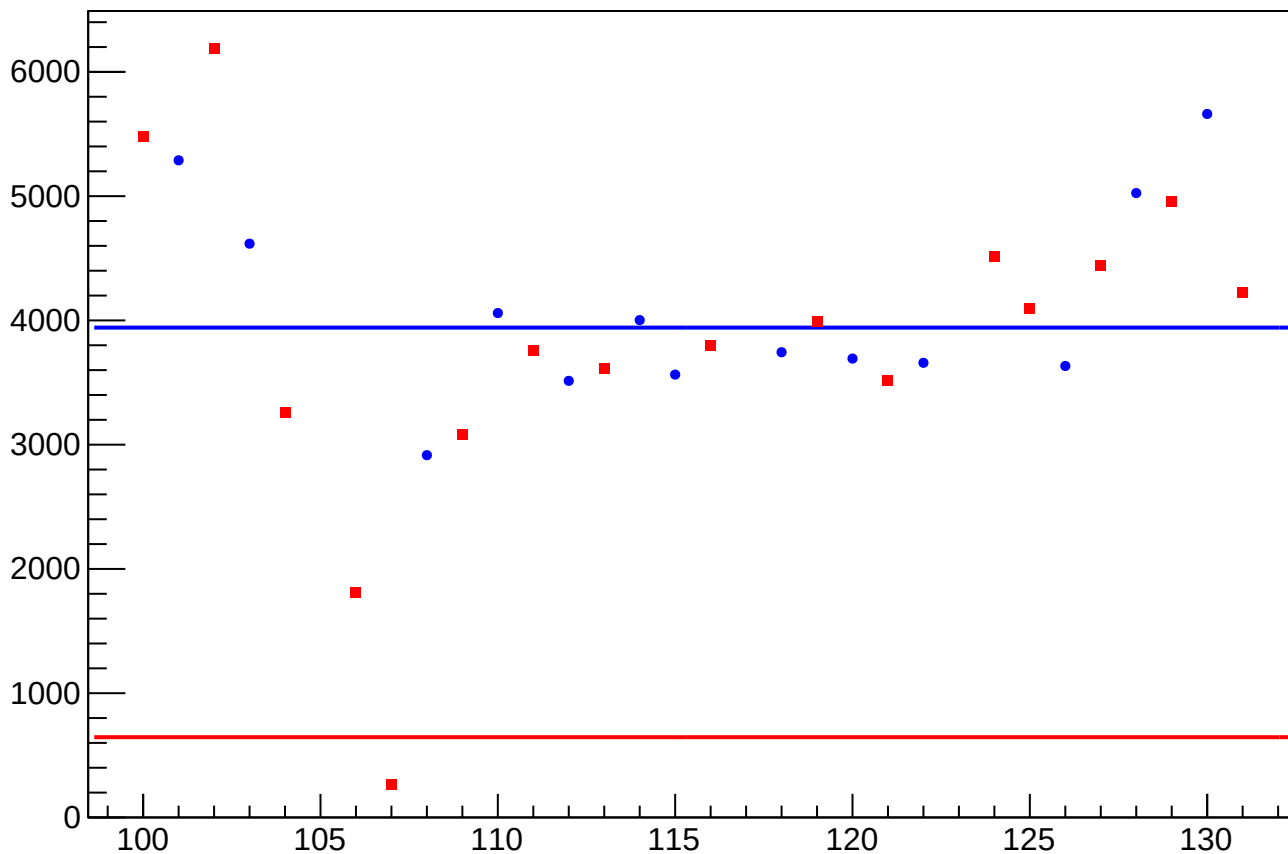
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -82.128+/-495.110 χ^2/NDF : 28.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_cor_correction_rms vs Slug



Right In: 3942.124+/-1.216 χ^2/NDF : 384008.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

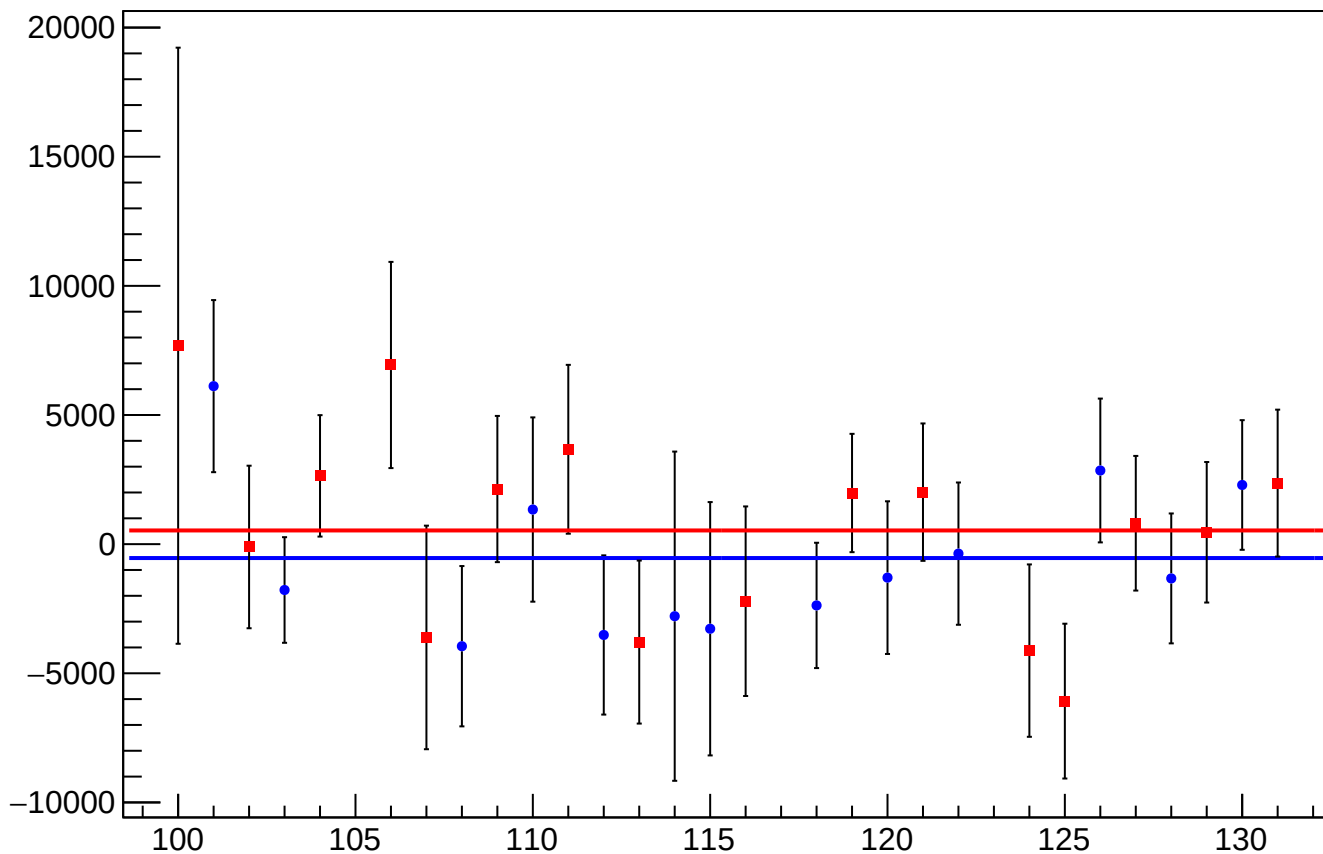
Right Out: 645.851+/-0.366 χ^2/NDF : 9097469.4/15

All: 918.870+/-0.350 χ^2/NDF : 16215789.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_mean vs Slug



Right In: -538.147+/-804.446 χ^2/NDF : 10.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 530.191+/-758.606 χ^2/NDF : 16.3/15

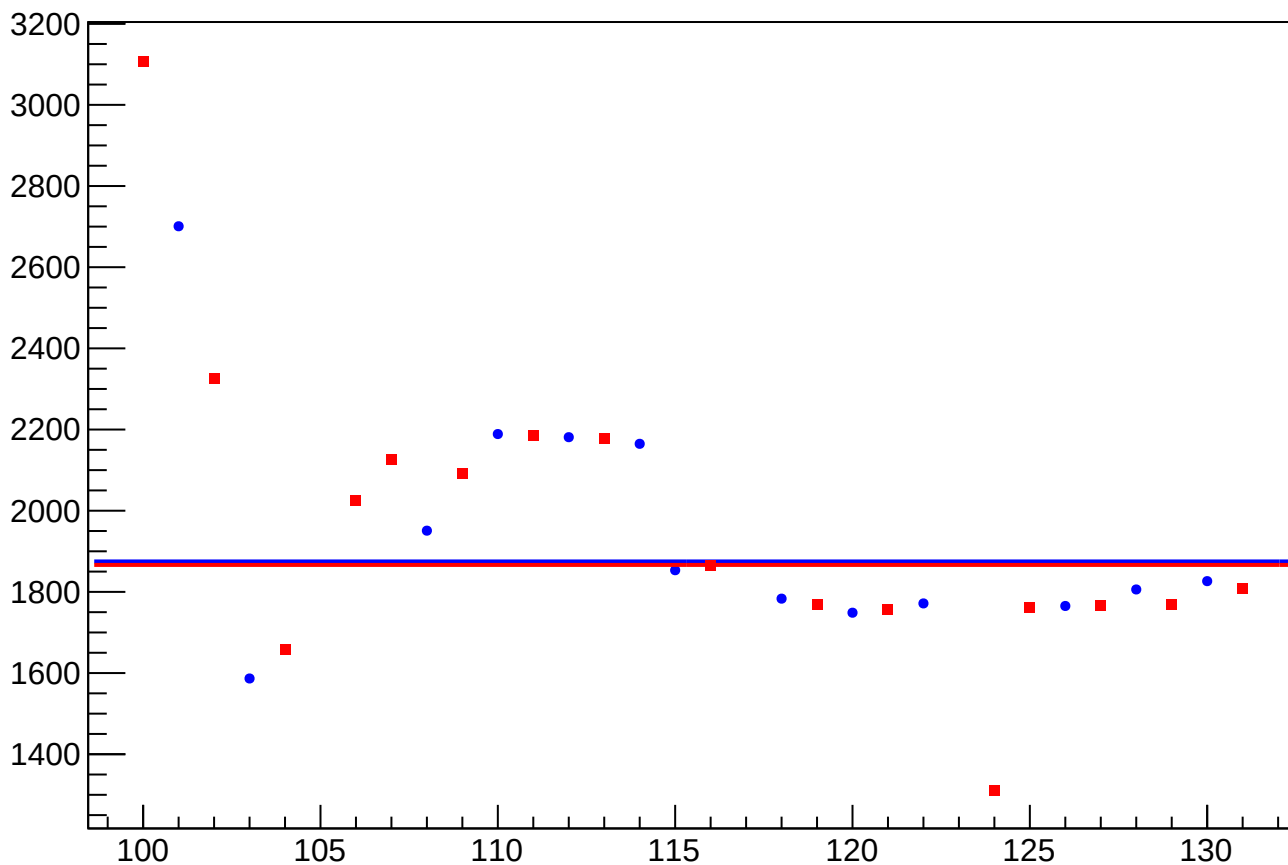
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.326+/-551.910 χ^2/NDF : 28.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_rms vs Slug



Right In: 1874.995 $\pm$ 0.569 χ^2 /NDF: 217952.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1866.464 $\pm$ 0.536 χ^2 /NDF: 214811.6/15

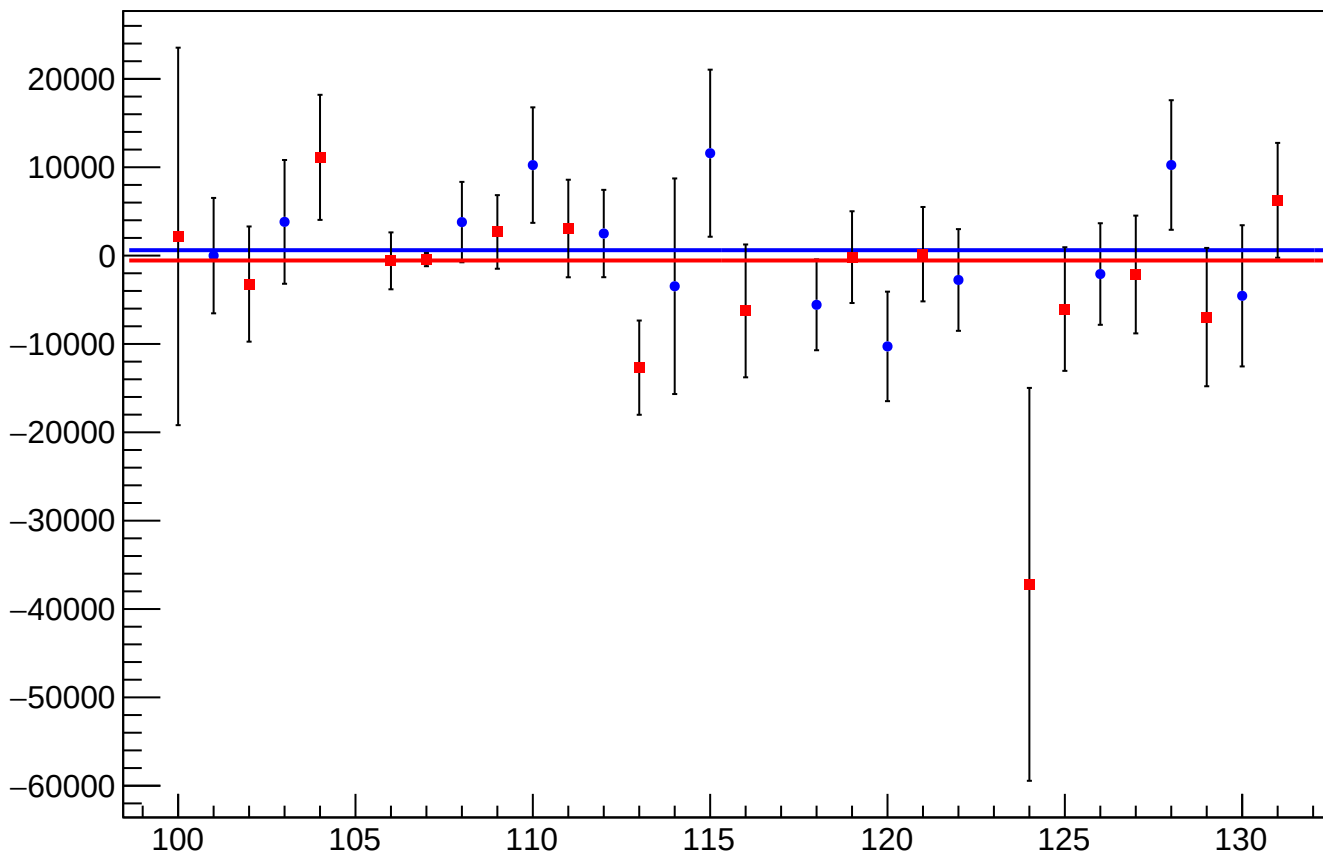
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1870.475 $\pm$ 0.390 χ^2 /NDF: 432883.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_dit_correction_mean vs Slug



Right In: 612.936 $\pm$ 1733.038 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -552.174 $\pm$ 668.032 χ^2 /NDF: 14.9/15

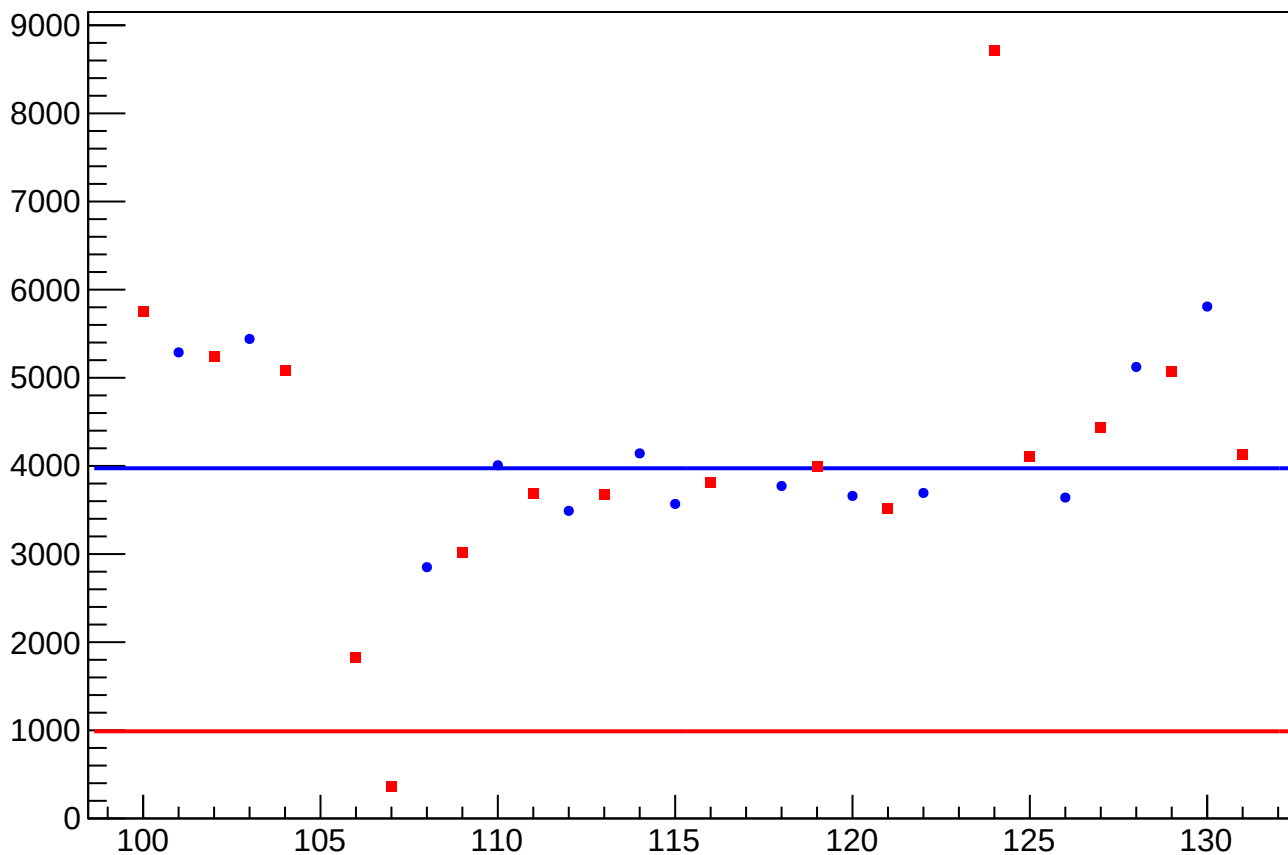
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -401.450 $\pm$ 623.327 χ^2 /NDF: 27.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_dit_correction_rms vs Slug



Right In: 3973.402+/-1.225 χ^2/NDF : 487964.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 988.970+/-0.472 χ^2/NDF : 8189503.0/15

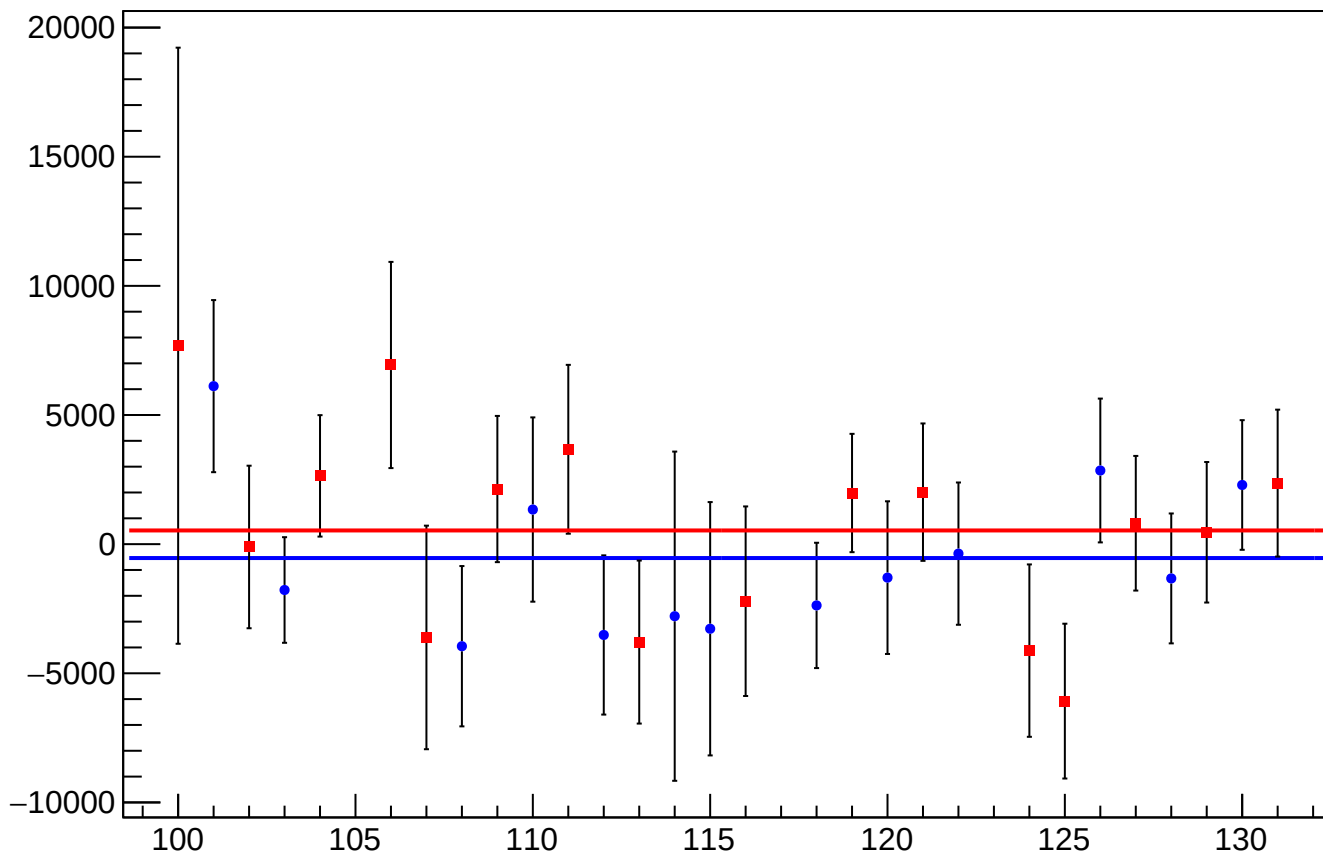
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1375.050+/-0.441 χ^2/NDF : 13841311.8/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_dd_mean vs Slug



Right In: -538.148+/-804.446 χ^2/NDF : 10.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 530.197+/-758.606 χ^2/NDF : 16.3/15

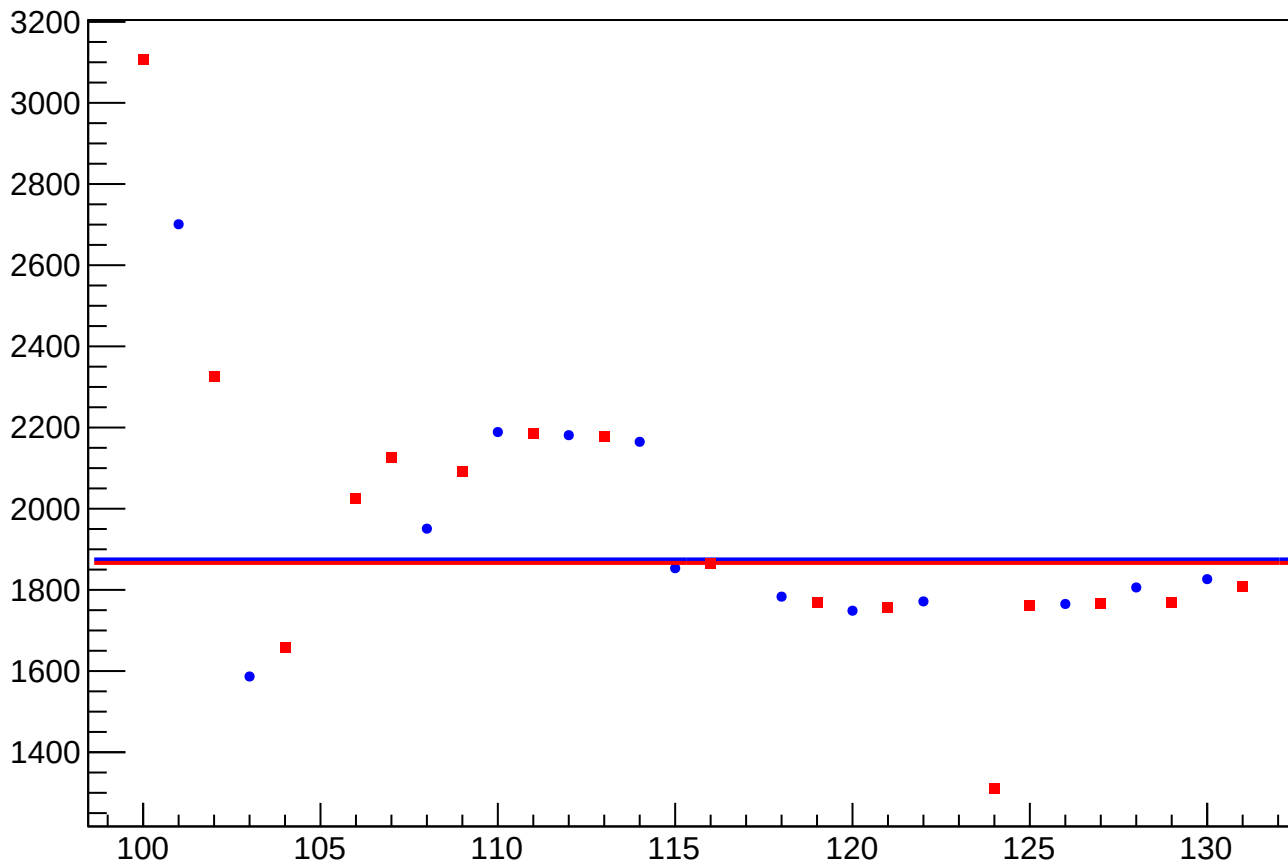
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.329+/-551.910 χ^2/NDF : 28.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_dd_rms vs Slug



Right In: 1874.995+/-0.569 χ^2/NDF : 217952.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1866.464+/-0.536 χ^2/NDF : 214812.1/15

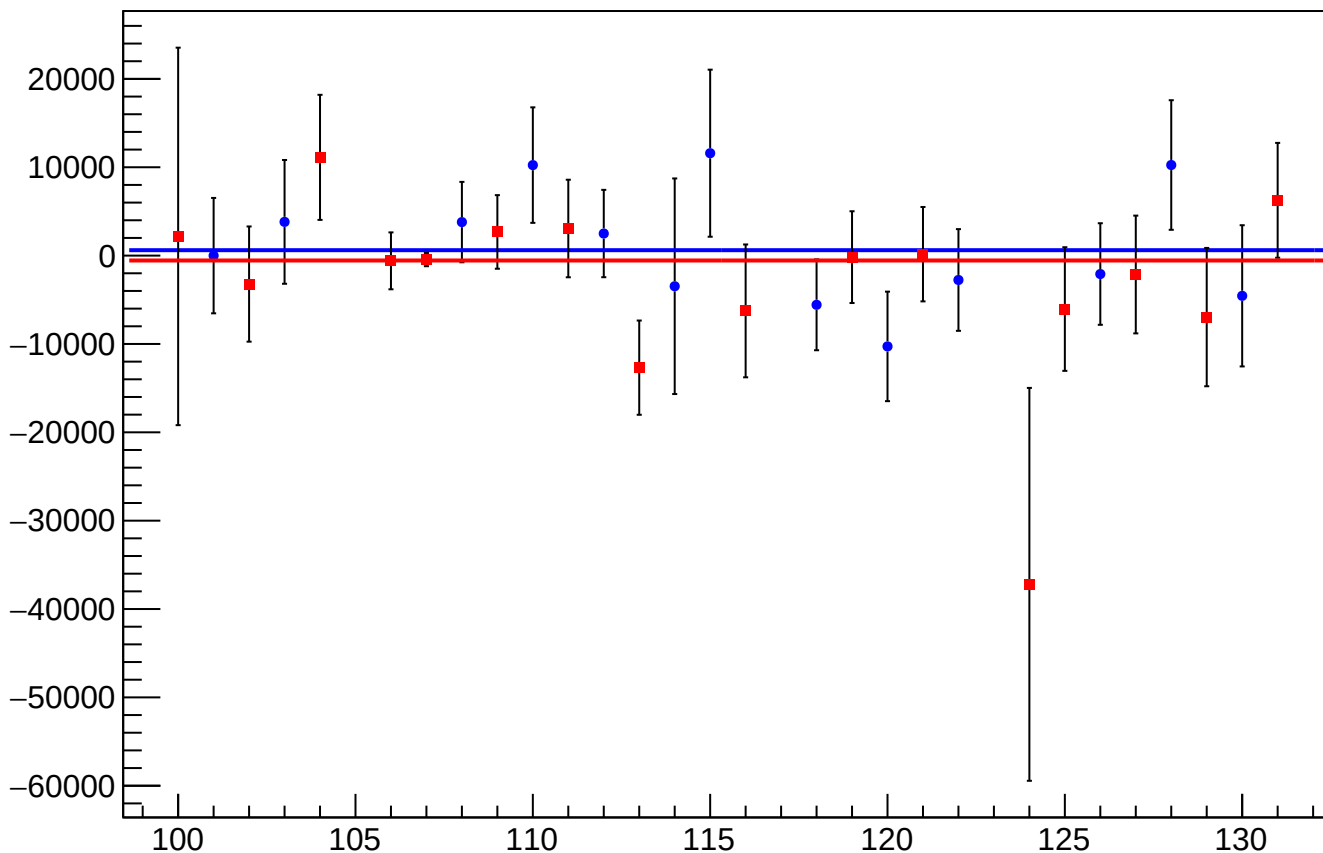
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1870.475+/-0.390 χ^2/NDF : 432883.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_dit_correction_mean vs Slug



Right In: 612.927 ± 1733.034 χ^2/NDF : 11.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -552.184 ± 668.044 χ^2/NDF : 14.9/15

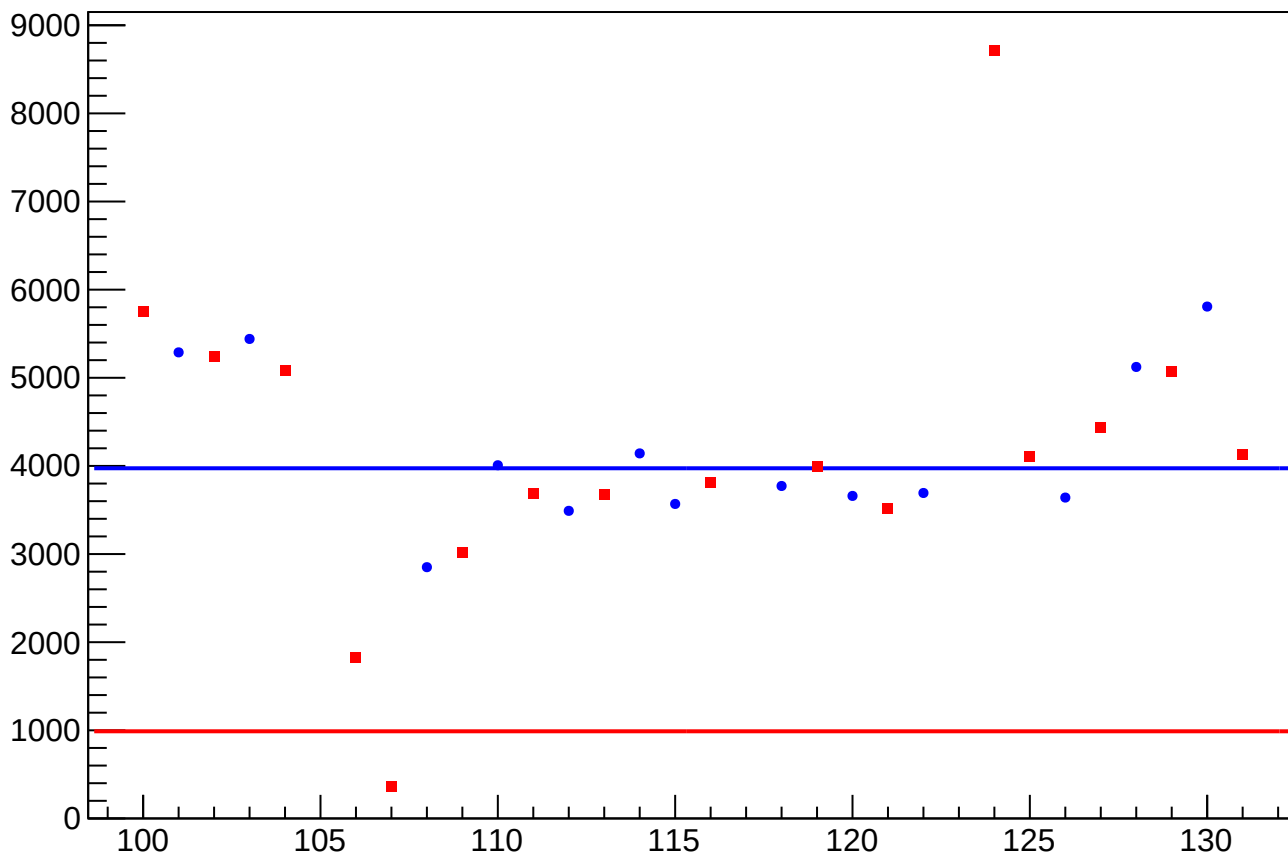
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -401.455 ± 623.336 χ^2/NDF : 27.0/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_dit_correction_rms vs Slug



Right In: 3973.391+/-1.225 χ^2/NDF : 487961.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 988.999+/-0.472 χ^2/NDF : 8189396.0/15

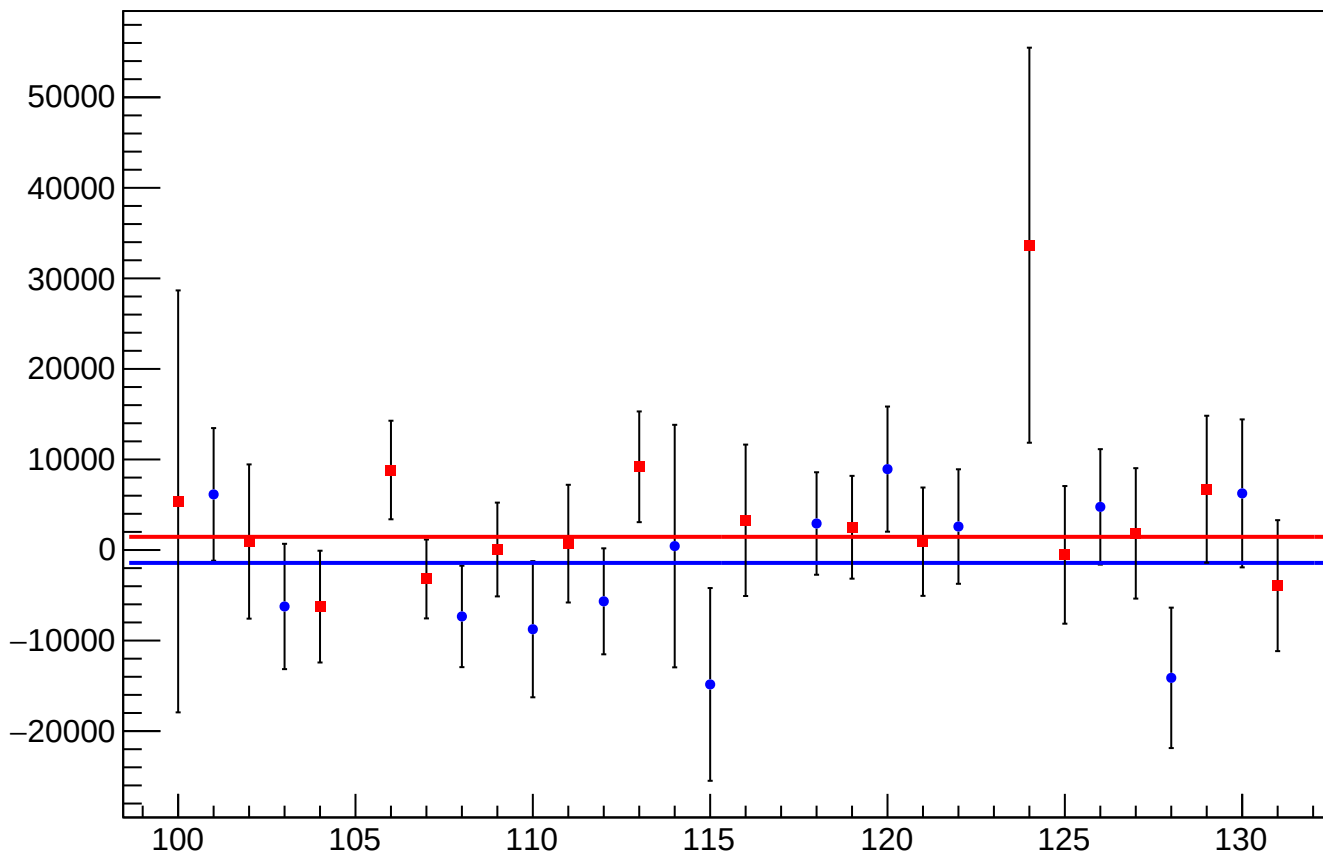
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1375.087+/-0.441 χ^2/NDF : 13841069.3/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_mean vs Slug



Right In: -1423.957+/-1938.672 χ^2/NDF : 13.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1455.448+/-1661.465 χ^2/NDF : 9.6/15

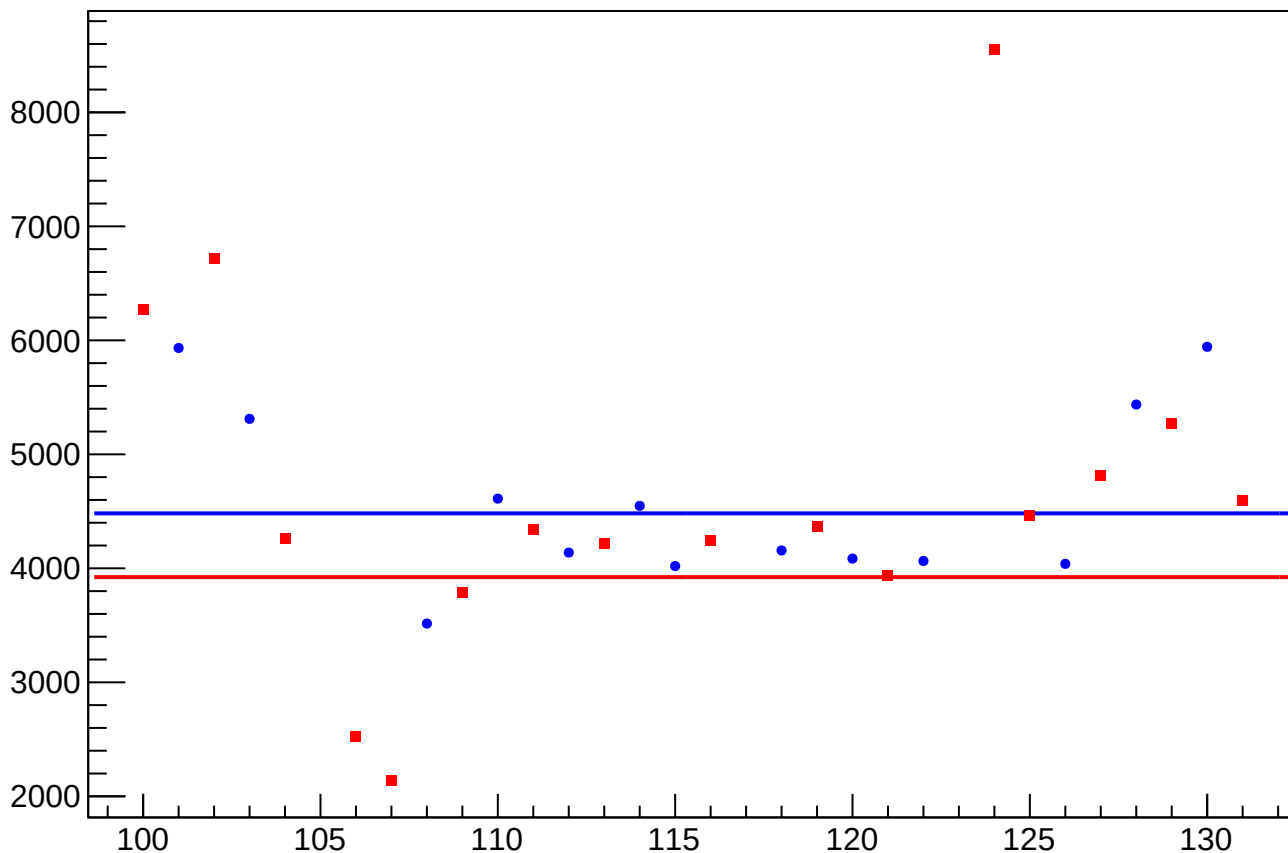
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 236.151+/-1261.560 χ^2/NDF : 24.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_rms vs Slug



Right In: 4482.229 ± 1.371 $\chi^2/\text{NDF}: 303961.7/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 3922.777 ± 1.161 $\chi^2/\text{NDF}: 973366.9/15$

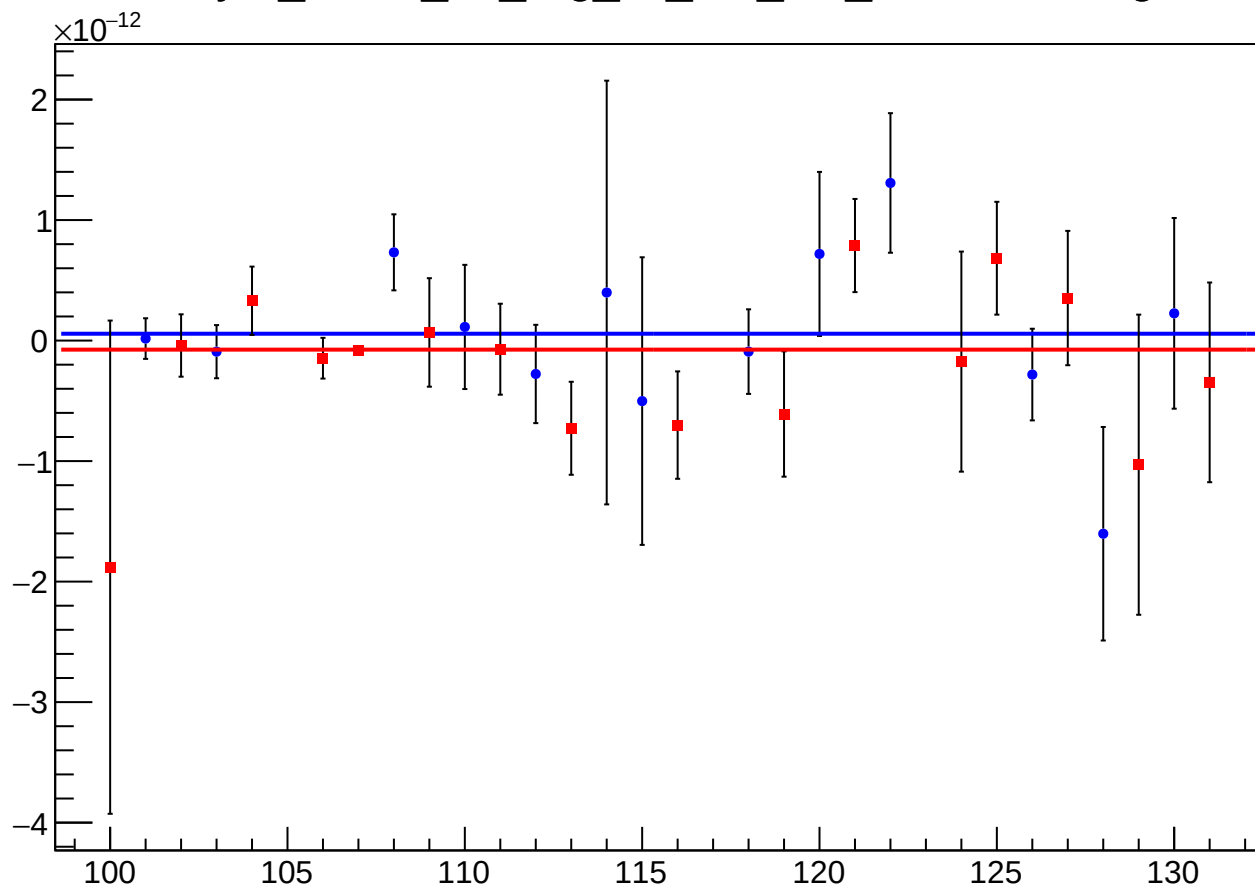
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 4156.550 ± 0.886 $\chi^2/\text{NDF}: 1374284.6/28$

- sign 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 χ^2/NDF : 16.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.9/15

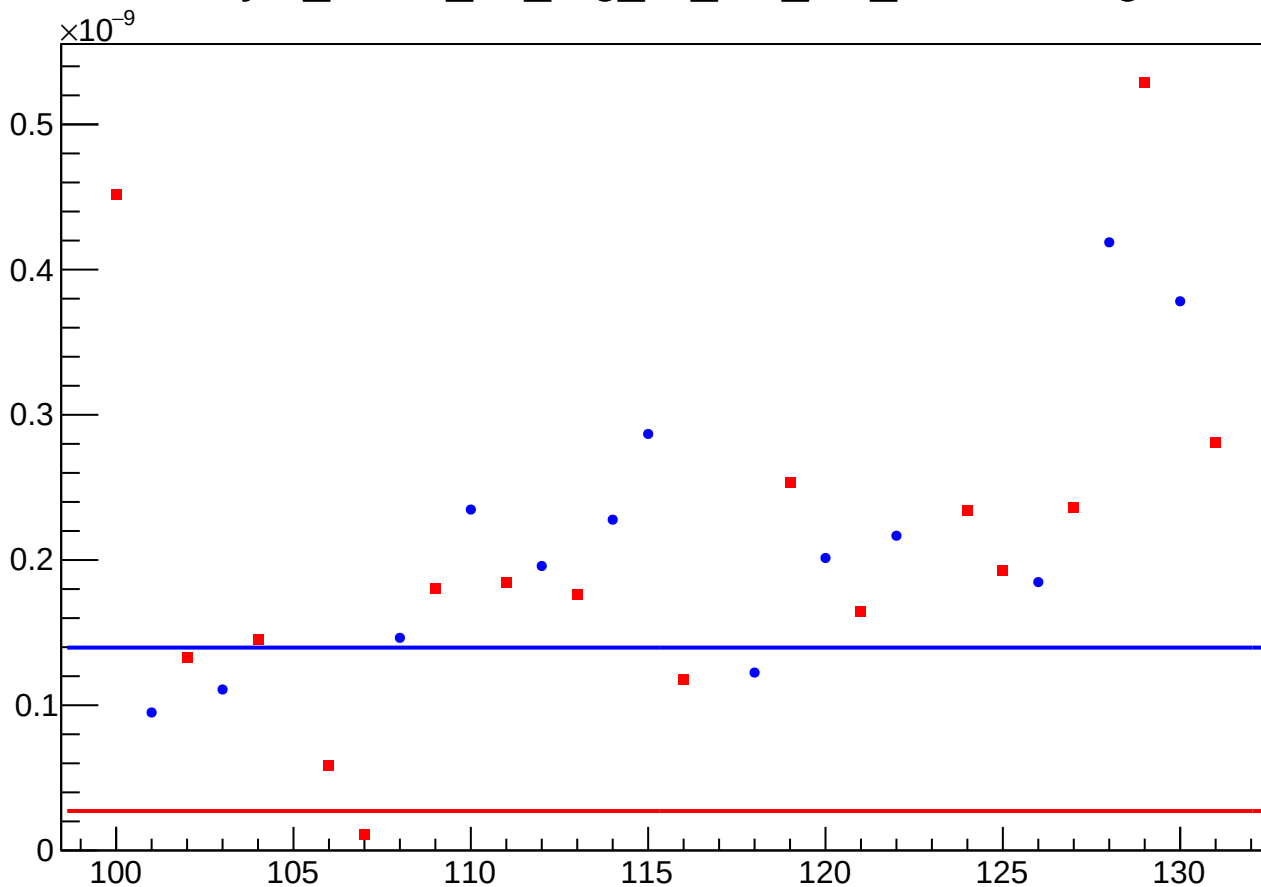
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 35.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 782328.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3945731.1/15

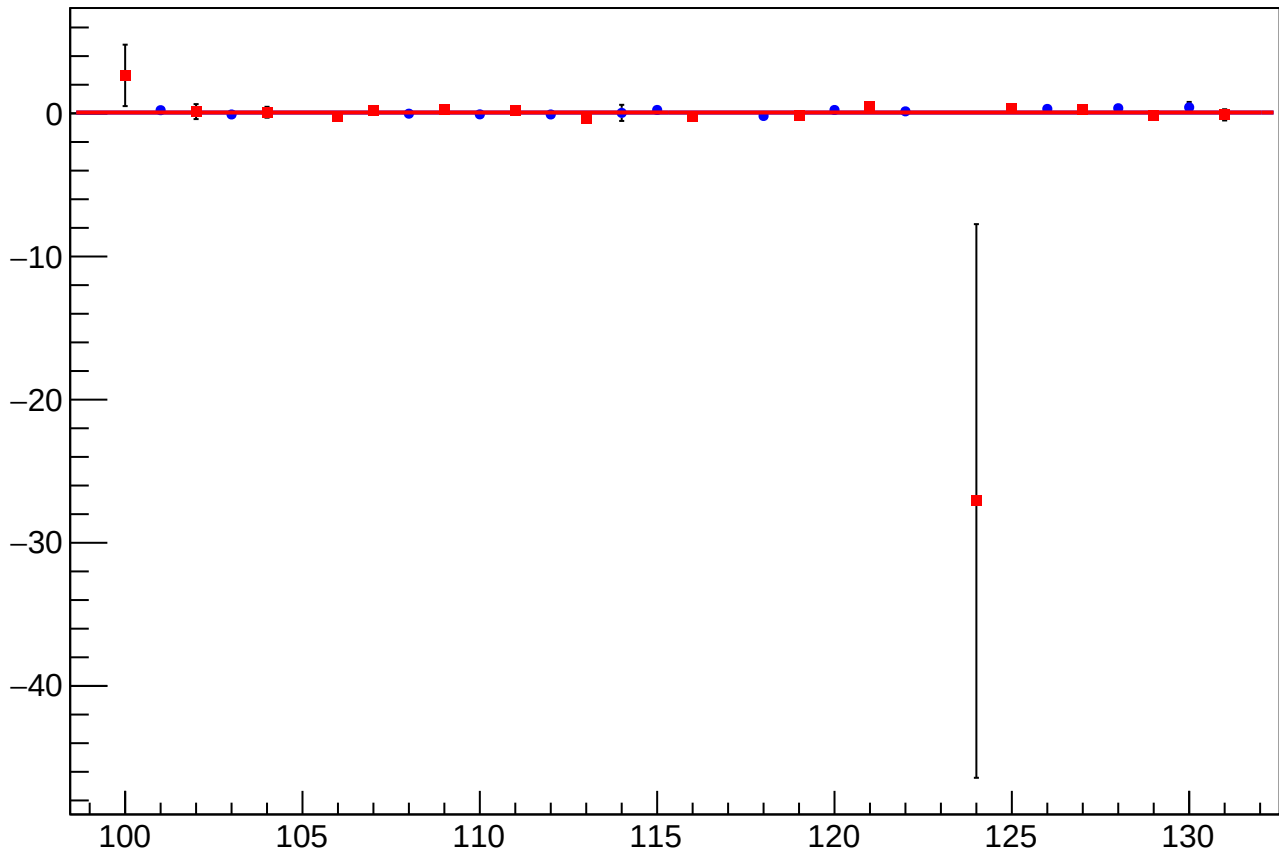
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6985355.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.056 $\pm$ 0.072 χ^2 /NDF: 6.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.061 $\pm$ 0.066 χ^2 /NDF: 16.7/15

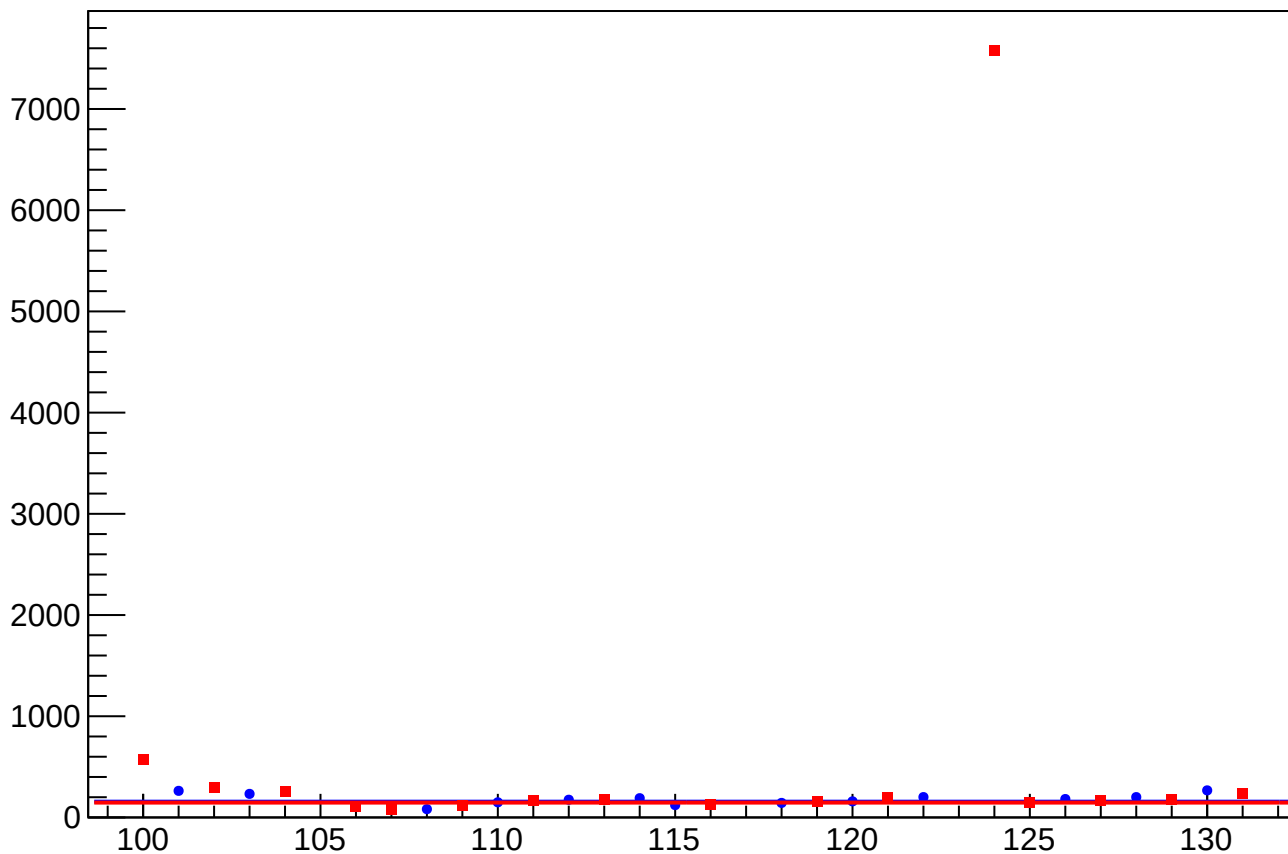
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.059 $\pm$ 0.049 χ^2 /NDF: 23.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 155.886 $\pm$ 0.051 χ^2 /NDF: 1182452.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 146.905 $\pm$ 0.047 χ^2 /NDF: 1333342.6/15

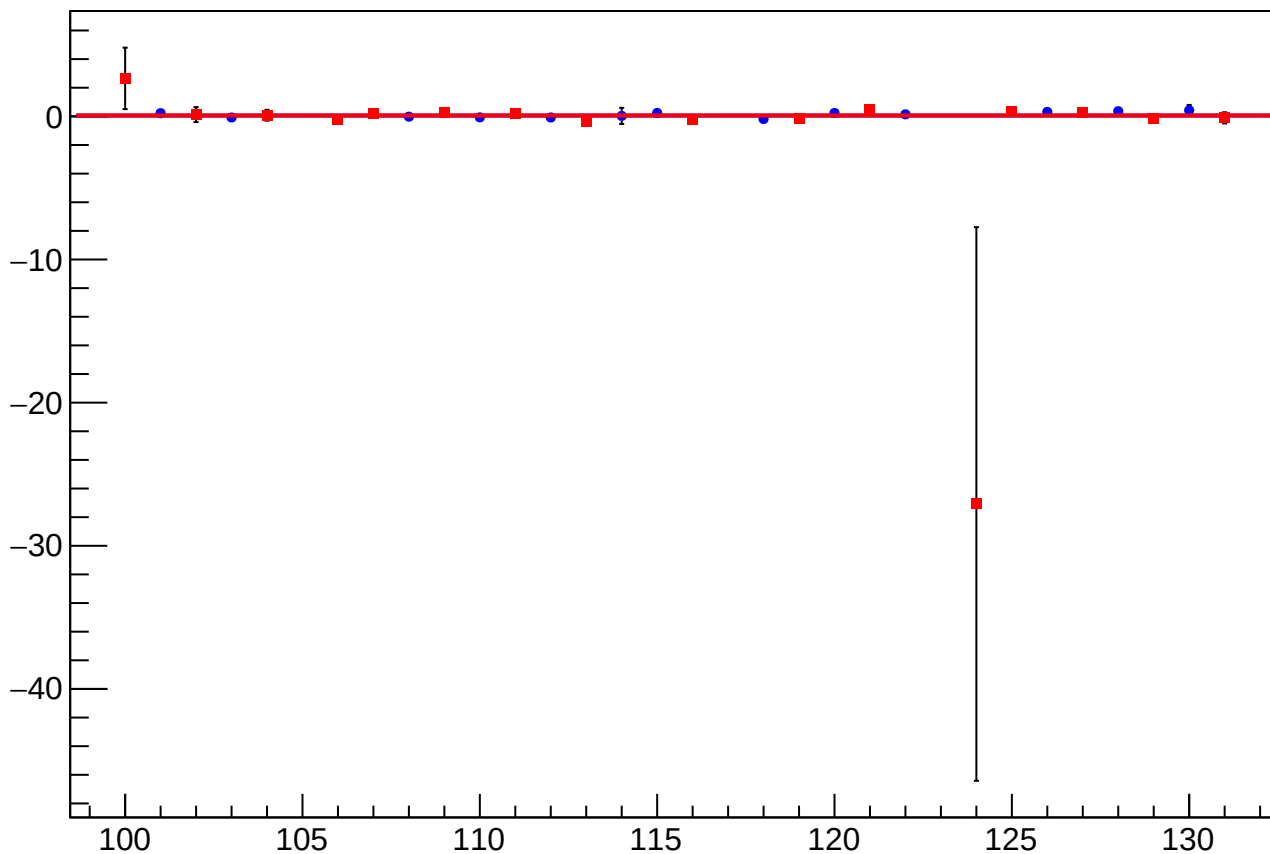
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 151.024 $\pm$ 0.035 χ^2 /NDF: 2532583.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.056+/-0.072 χ^2/NDF : 6.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.061+/-0.066 χ^2/NDF : 16.7/15

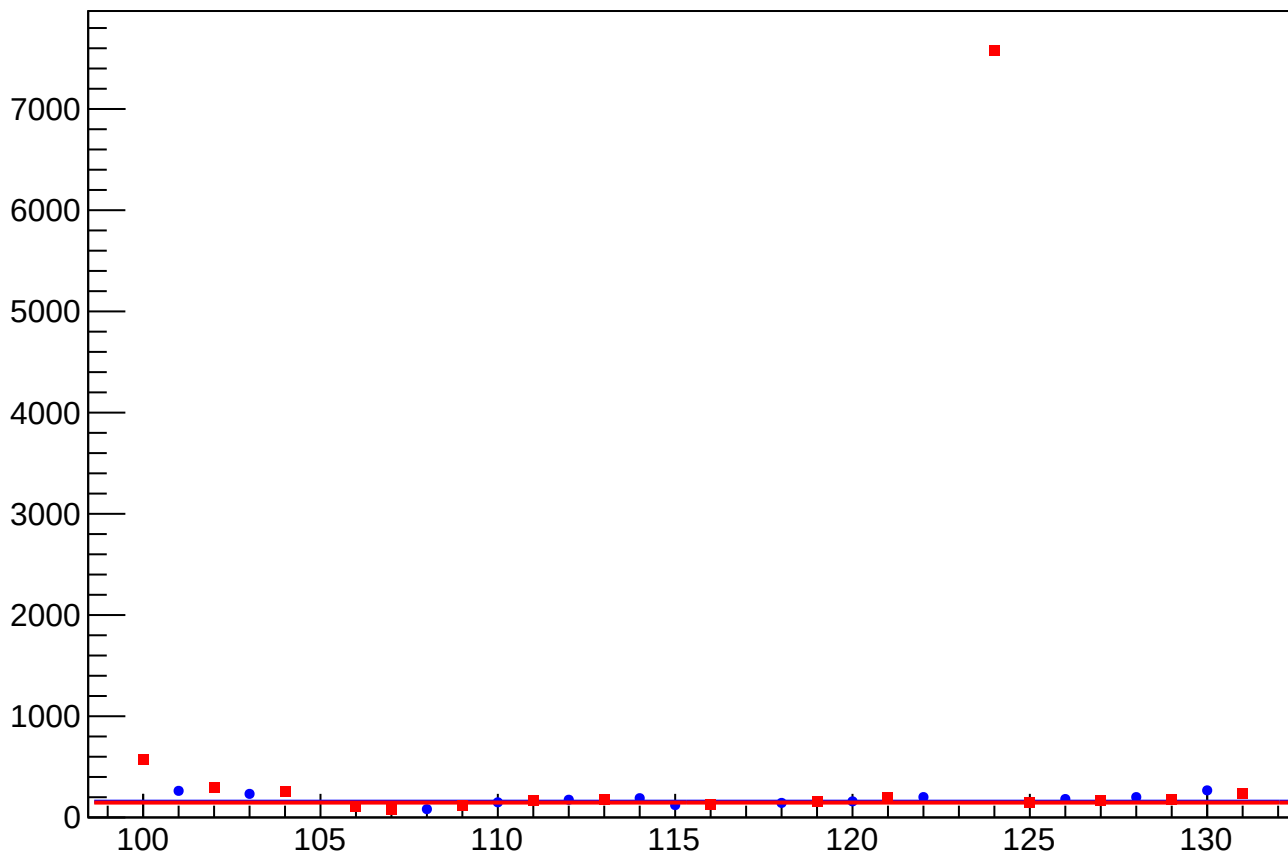
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.059+/-0.049 χ^2/NDF : 23.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 155.886+/-0.051 χ^2/NDF : 1182452.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.905+/-0.047 χ^2/NDF : 1333342.6/15

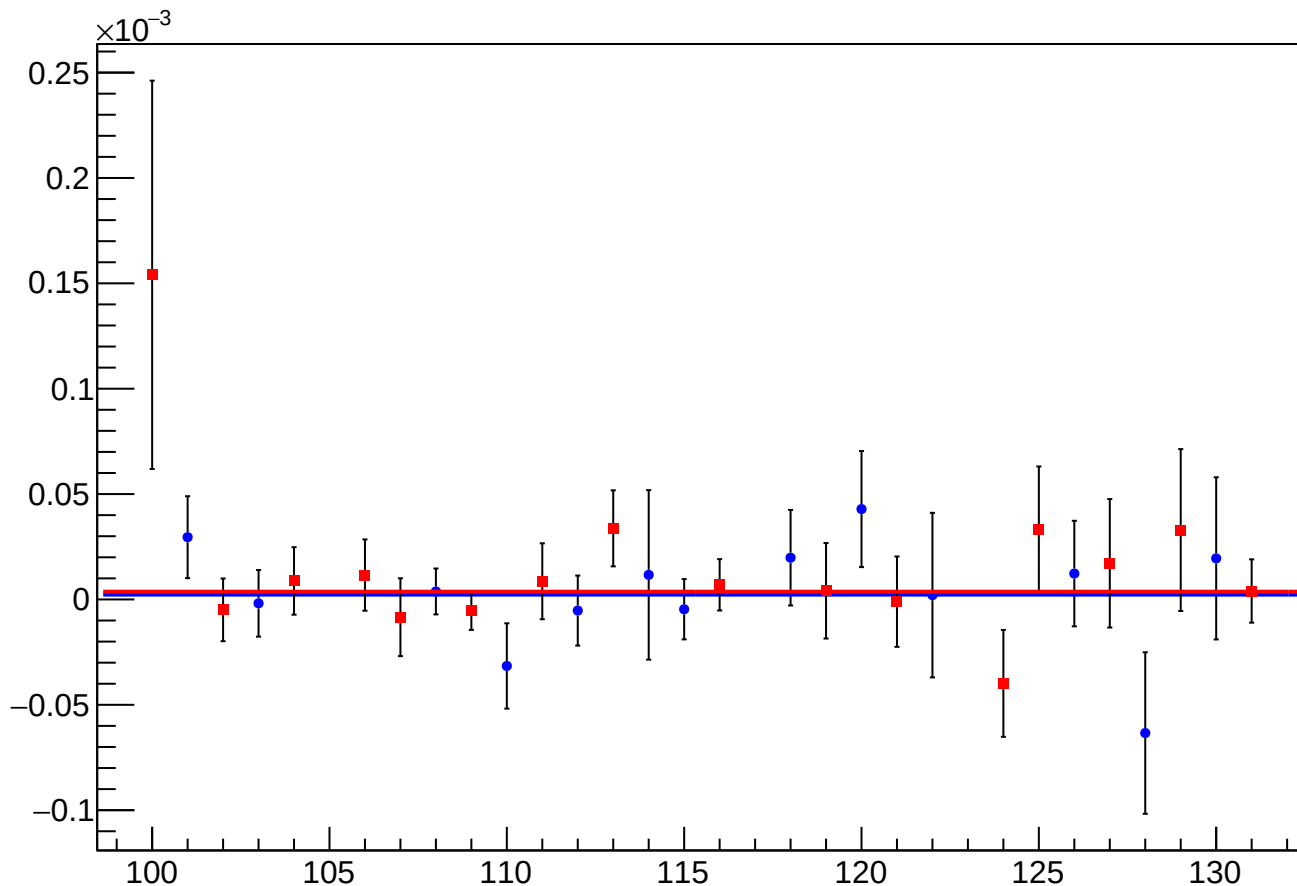
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.024+/-0.035 χ^2/NDF : 2532583.6/28

- 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: 11.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.5/15

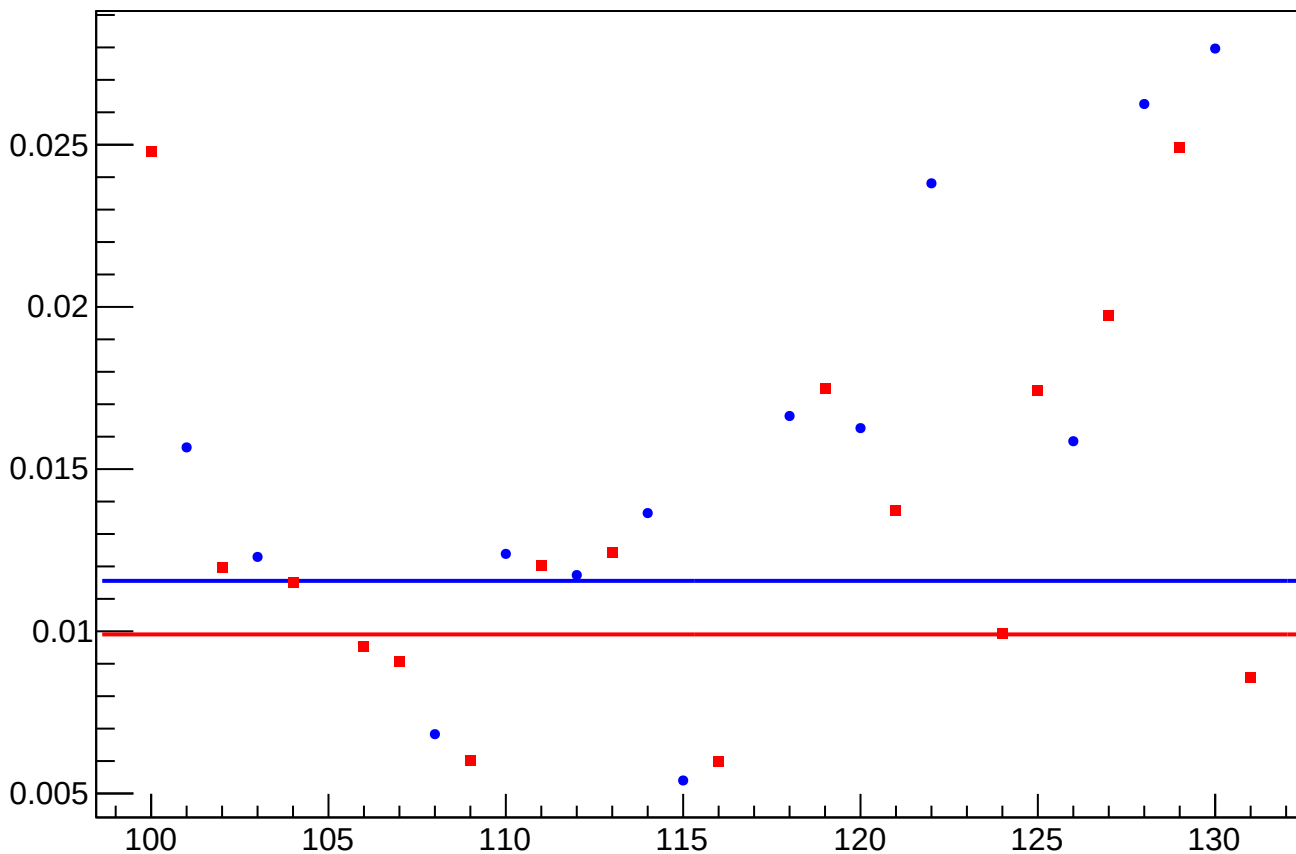
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.9/28

- 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: 0.012+/-0.000 χ^2/NDF : 1923138.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 1706597.2/15

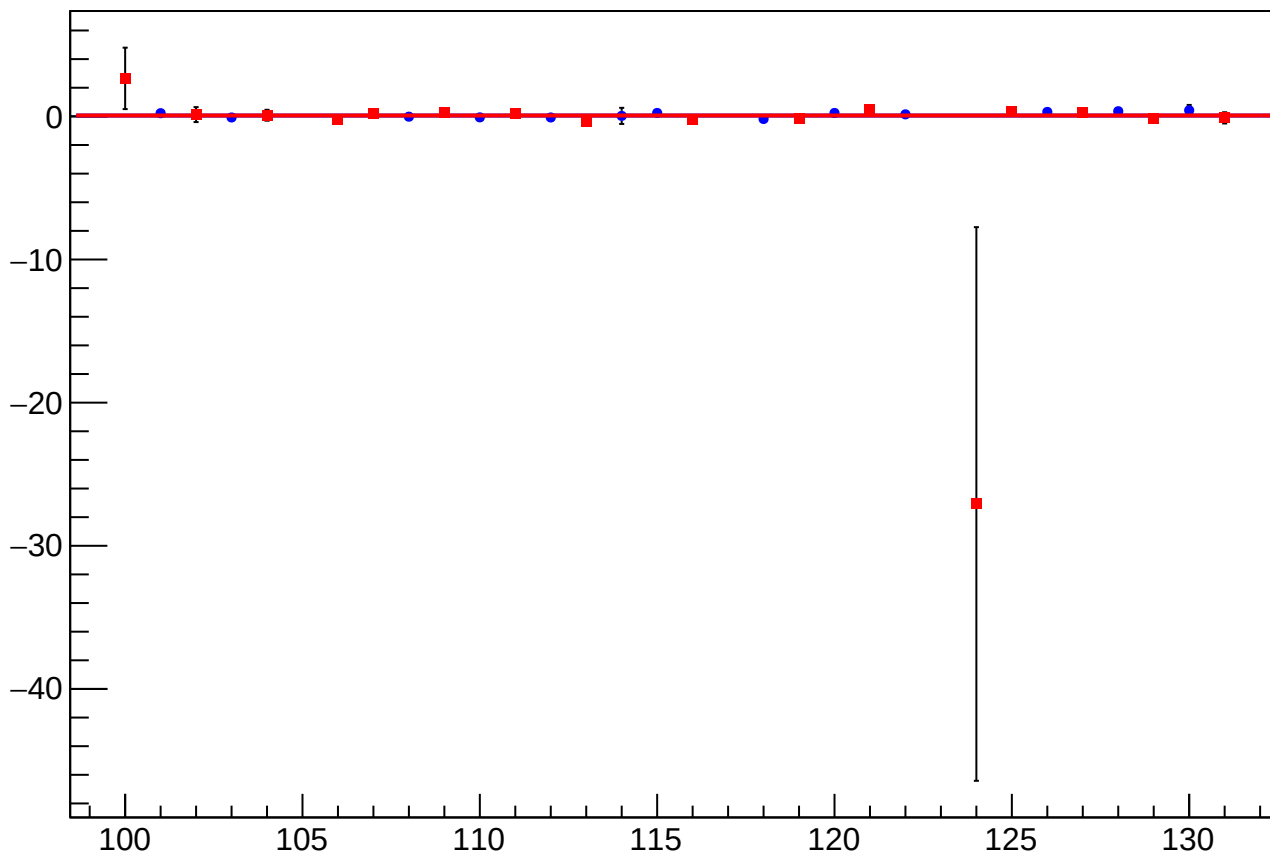
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 3741803.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.056 $\pm$ 0.072 χ^2 /NDF: 6.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.061 $\pm$ 0.066 χ^2 /NDF: 16.7/15

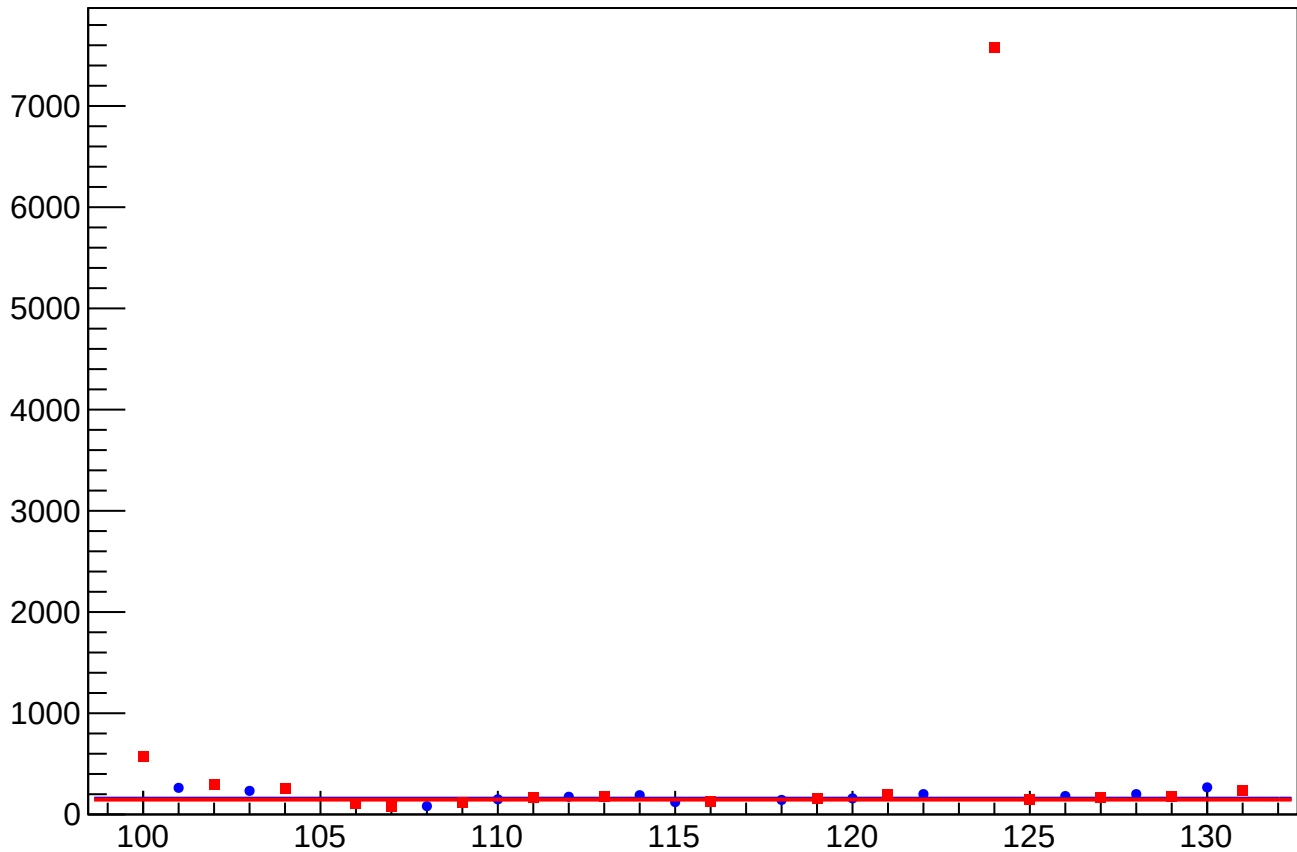
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.059 $\pm$ 0.049 χ^2 /NDF: 23.1/28

- 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: 155.886+/-0.051 χ^2/NDF : 1182404.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.904+/-0.047 χ^2/NDF : 1333347.7/15

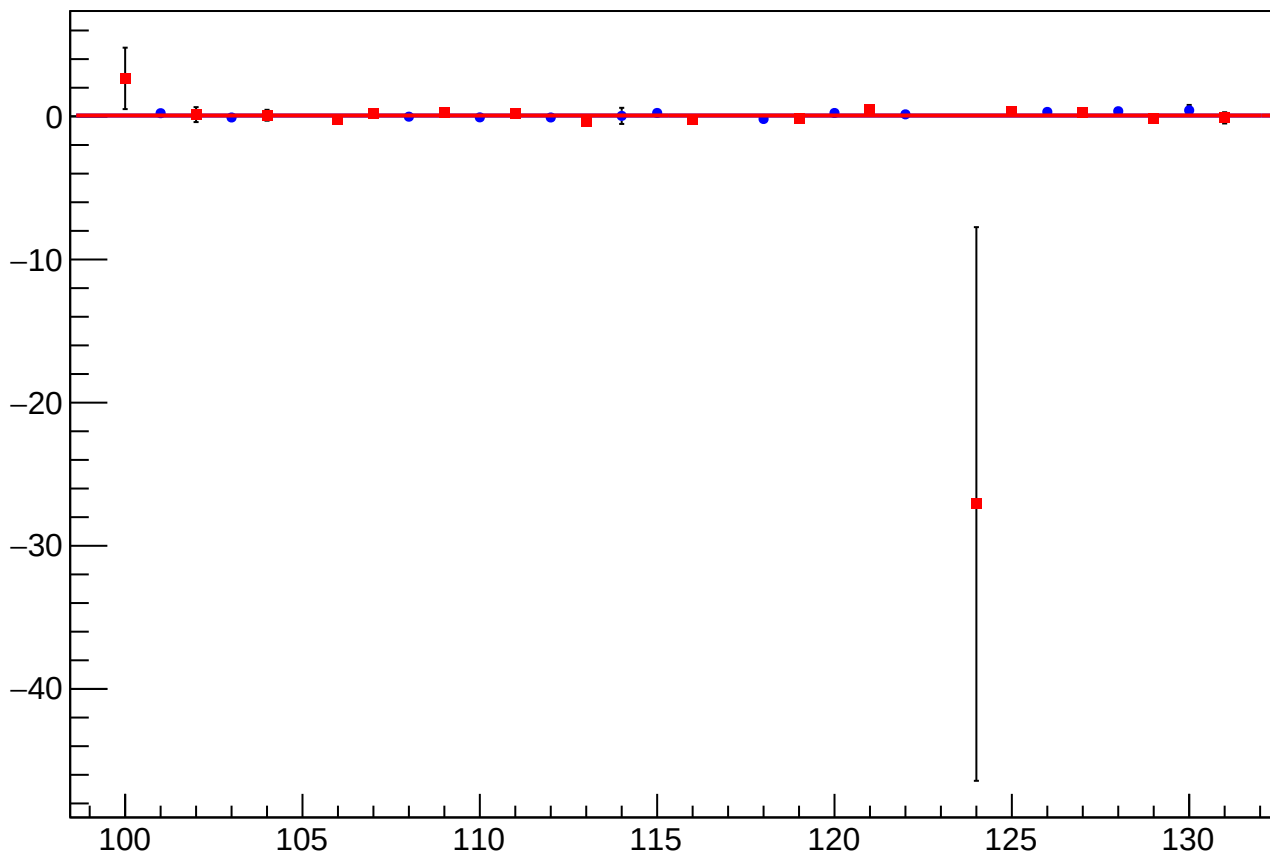
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.023+/-0.035 χ^2/NDF : 2532540.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.056+/-0.072 χ^2/NDF : 6.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.061+/-0.066 χ^2/NDF : 16.7/15

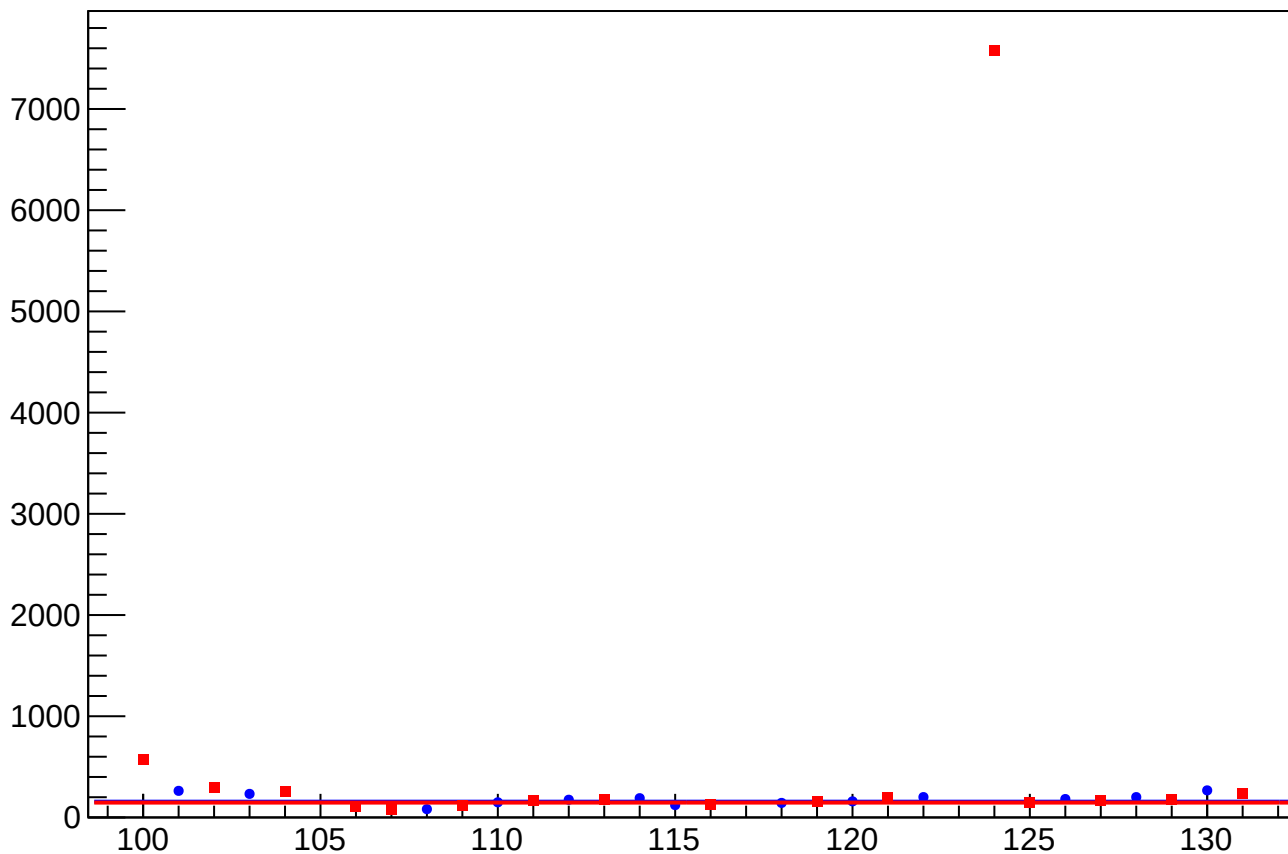
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.059+/-0.049 χ^2/NDF : 23.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 155.886+/-0.051 χ^2/NDF : 1182404.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.904+/-0.047 χ^2/NDF : 1333347.7/15

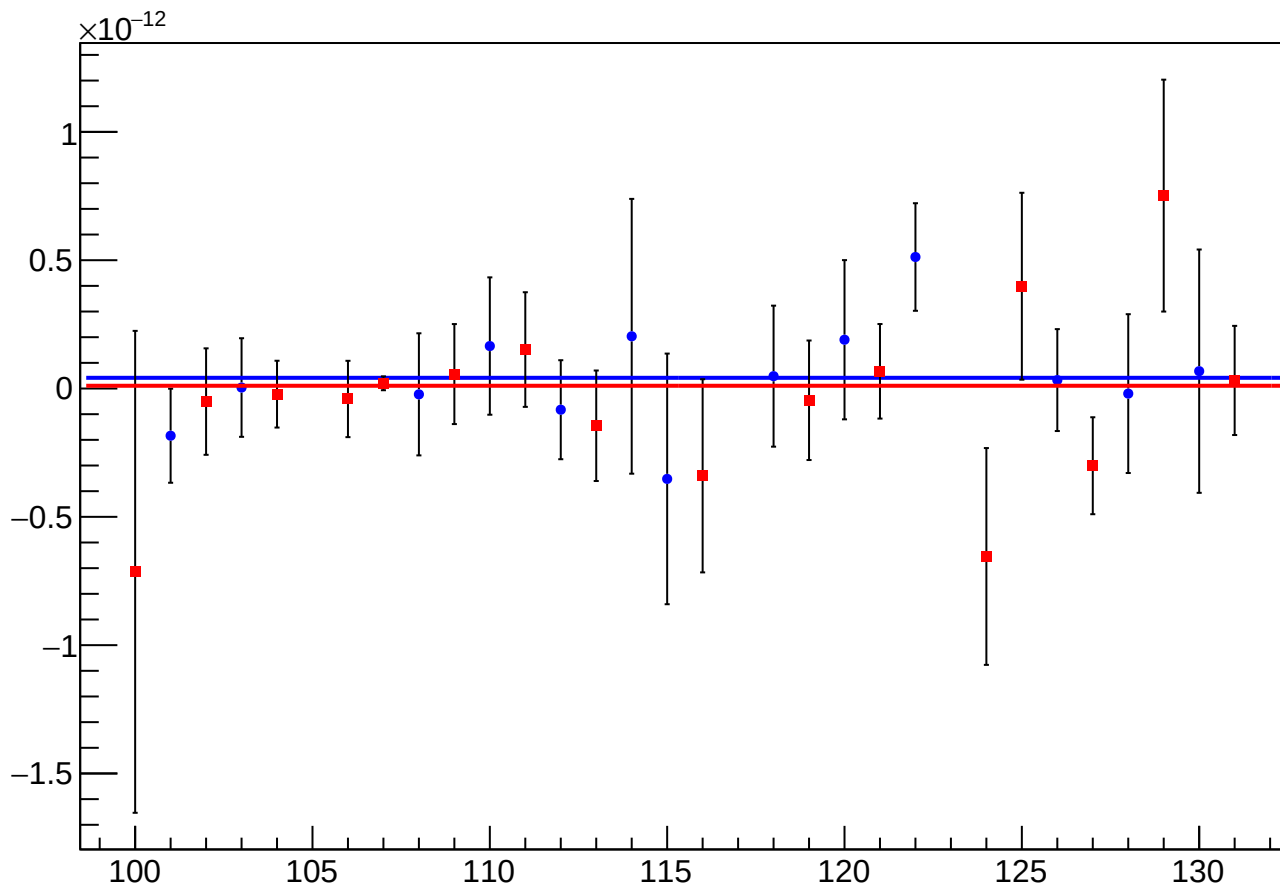
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.023+/-0.035 χ^2/NDF : 2532540.5/28

- 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: 8.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.0/15

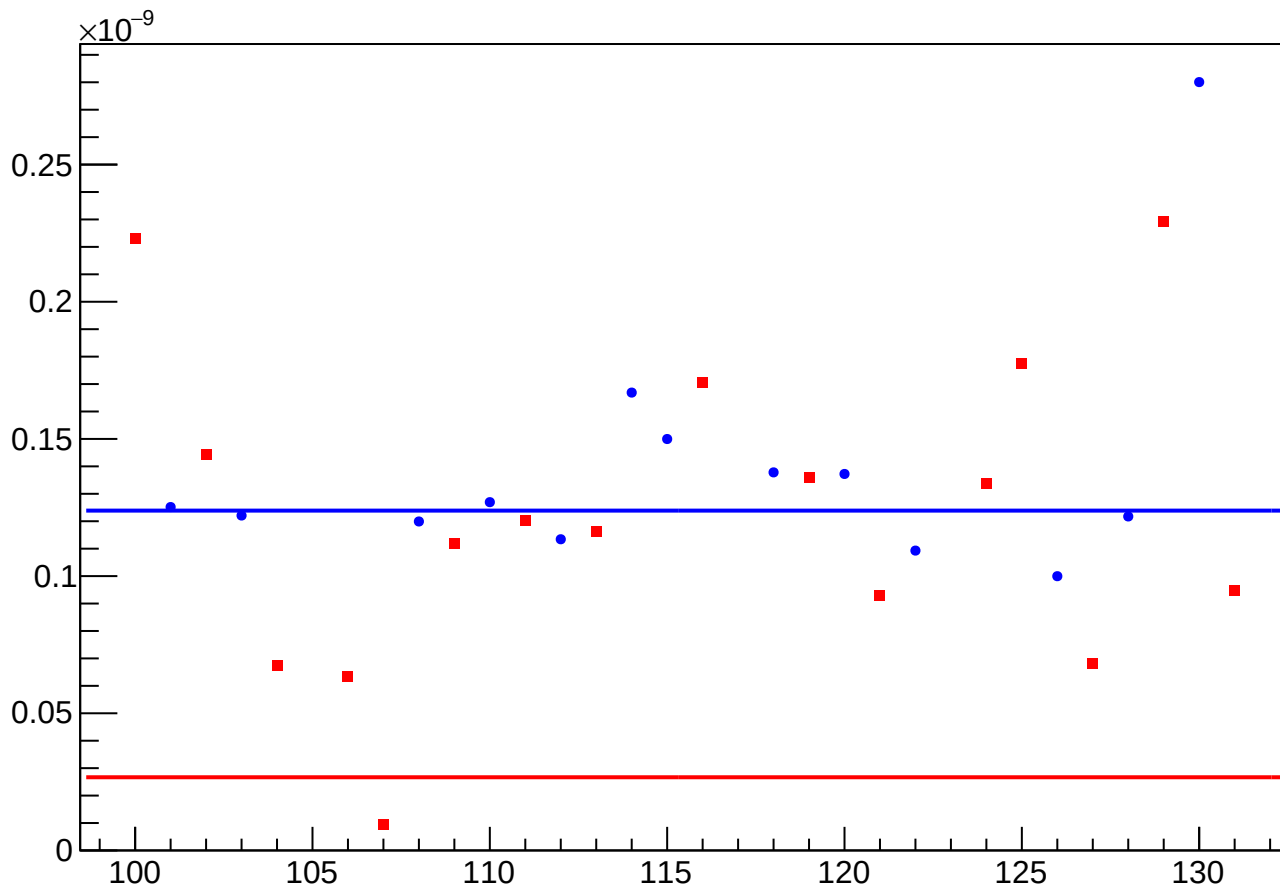
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 20.5/28

- 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+/-0.000 χ^2/NDF : 290306.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5099556.2/15

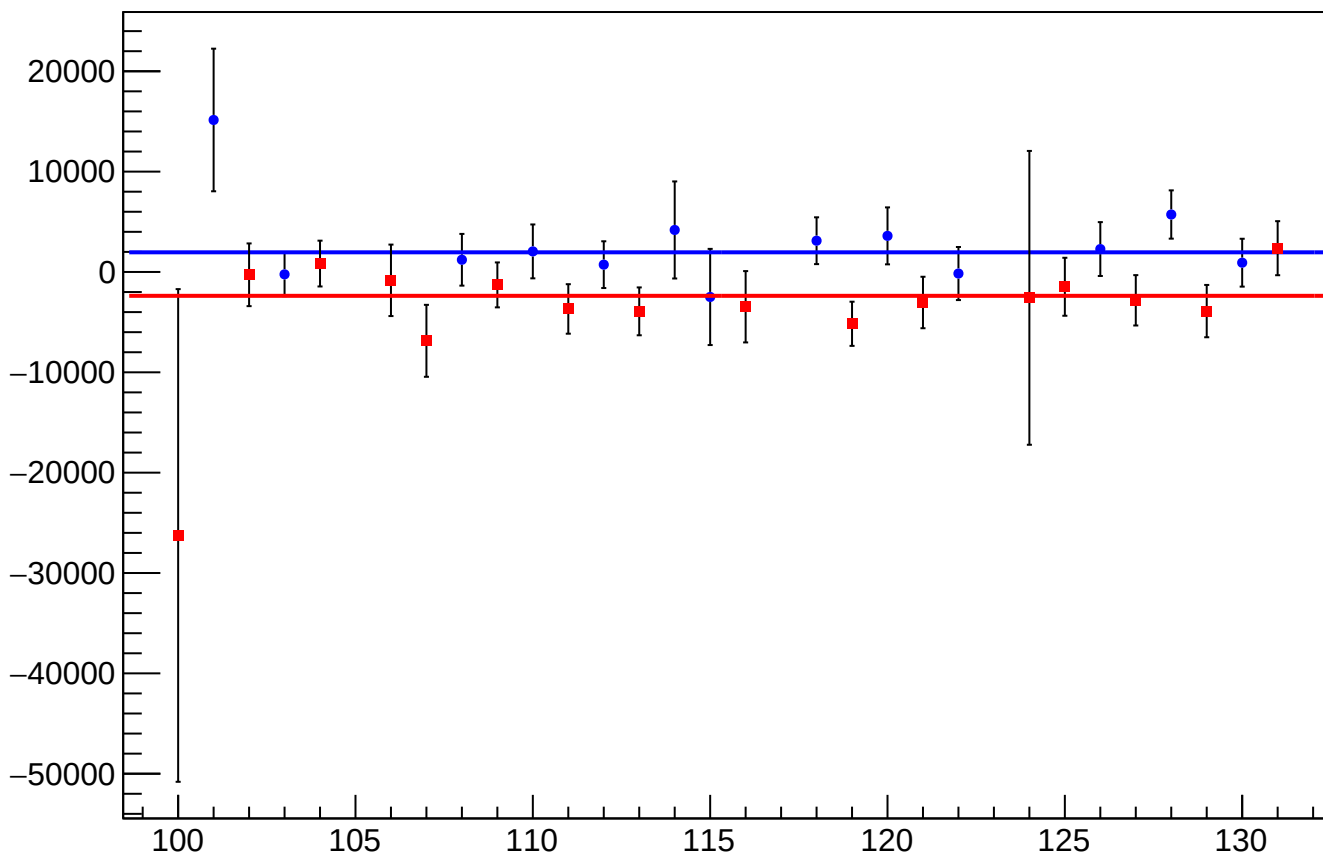
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8914807.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_mean vs Slug



Right In: 1957.811+/-760.343 χ^2/NDF : 9.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2377.979+/-707.369 χ^2/NDF : 11.4/15

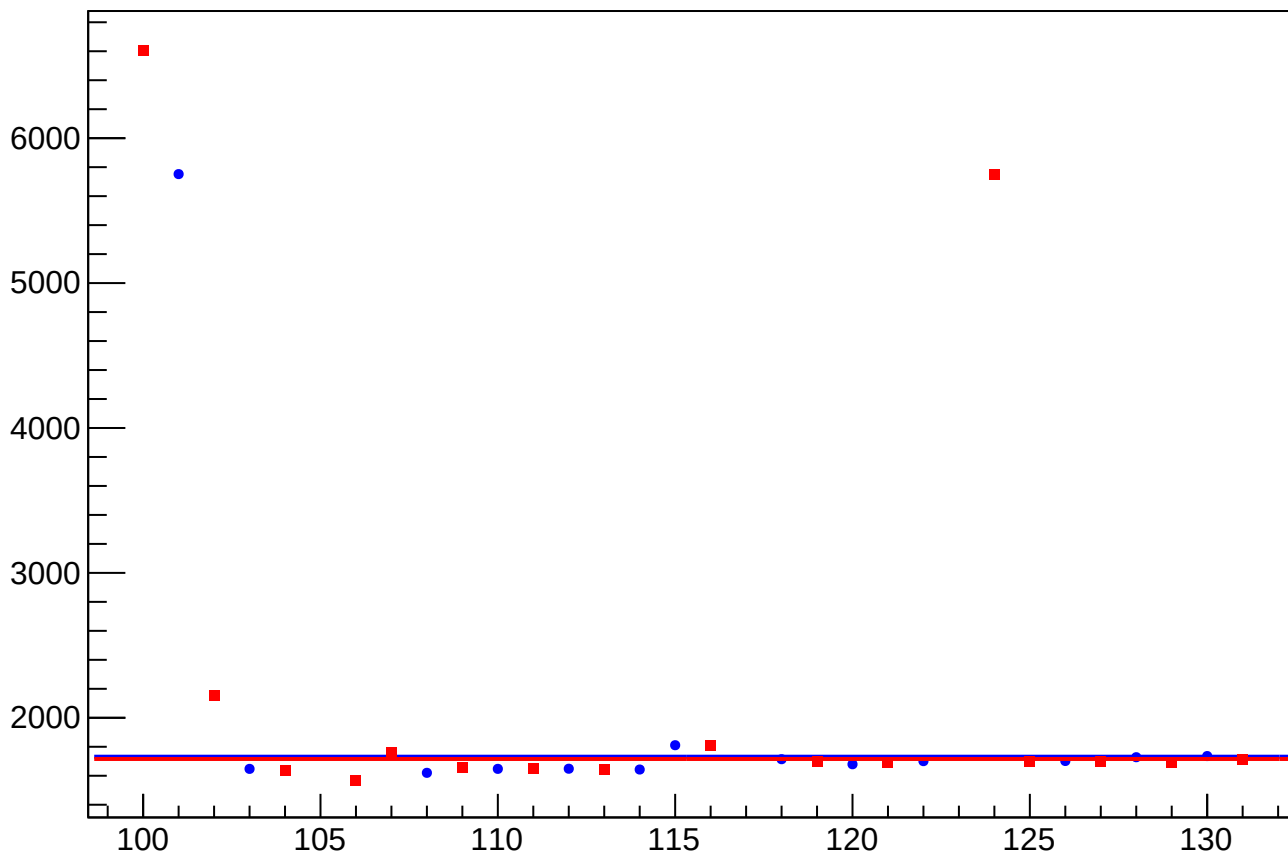
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -366.373+/-517.901 χ^2/NDF : 38.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_rms vs Slug



Right In: 1731.407 $\pm$ 0.538 χ^2 /NDF: 654085.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1715.799 $\pm$ 0.496 χ^2 /NDF: 284733.6/15

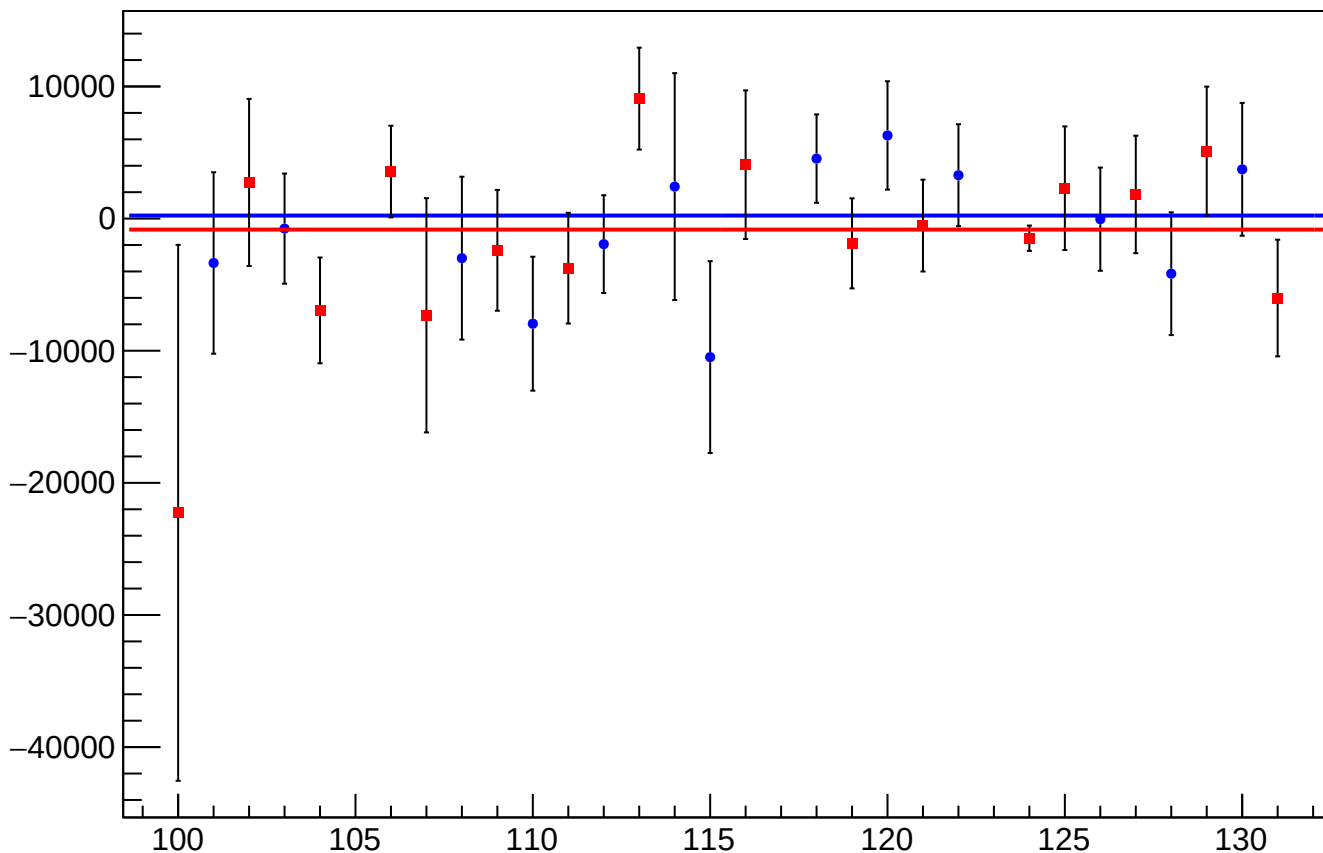
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1722.974 $\pm$ 0.365 χ^2 /NDF: 939274.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_reg_correction_mean vs Slug



Right In: 230.218 $\pm$ 1272.942 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -830.319 $\pm$ 737.311 χ^2 /NDF: 18.1/15

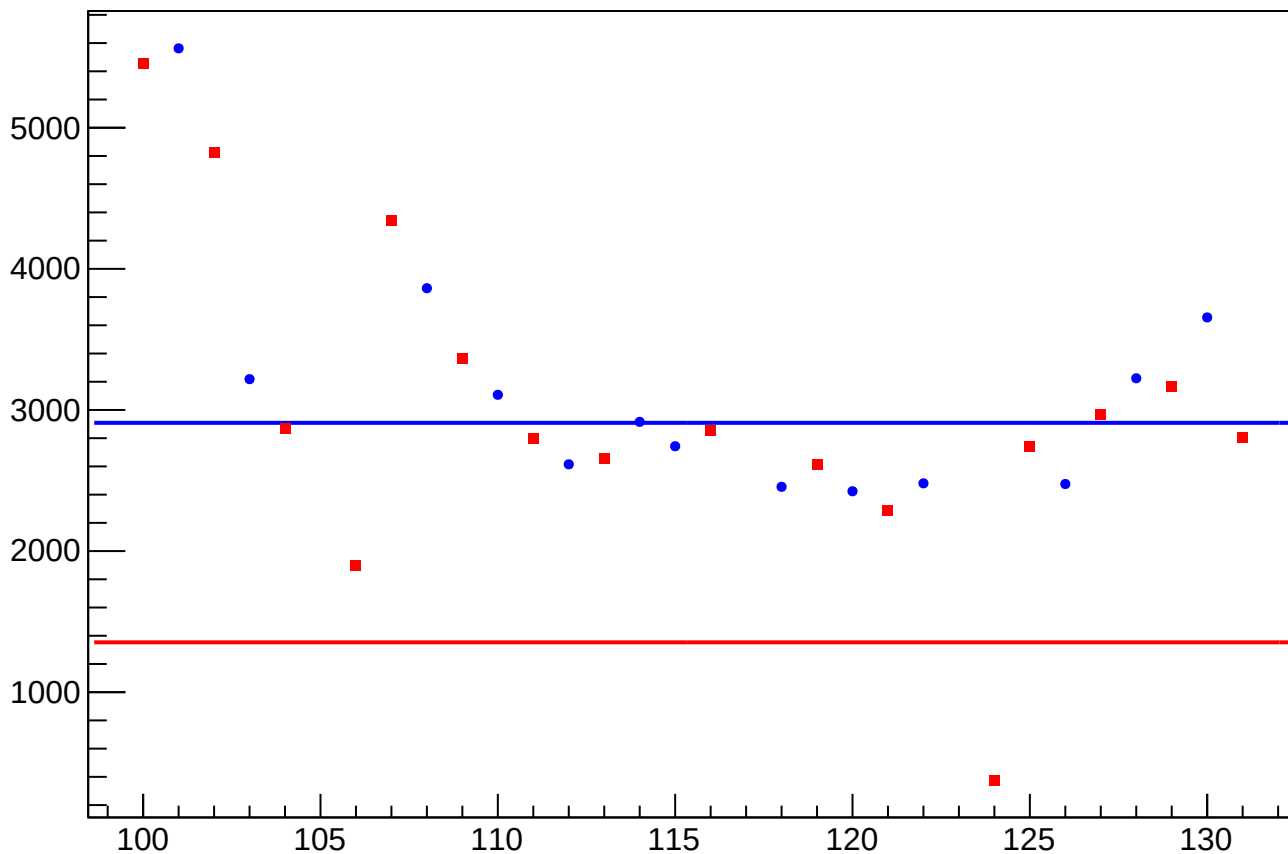
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -563.898 $\pm$ 638.014 χ^2 /NDF: 30.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_reg_correction_rms vs Slug



Right In: 2908.888 $\pm$ 0.900 χ^2 /NDF: 541827.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1353.394 $\pm$ 0.521 χ^2 /NDF: 5696930.4/15

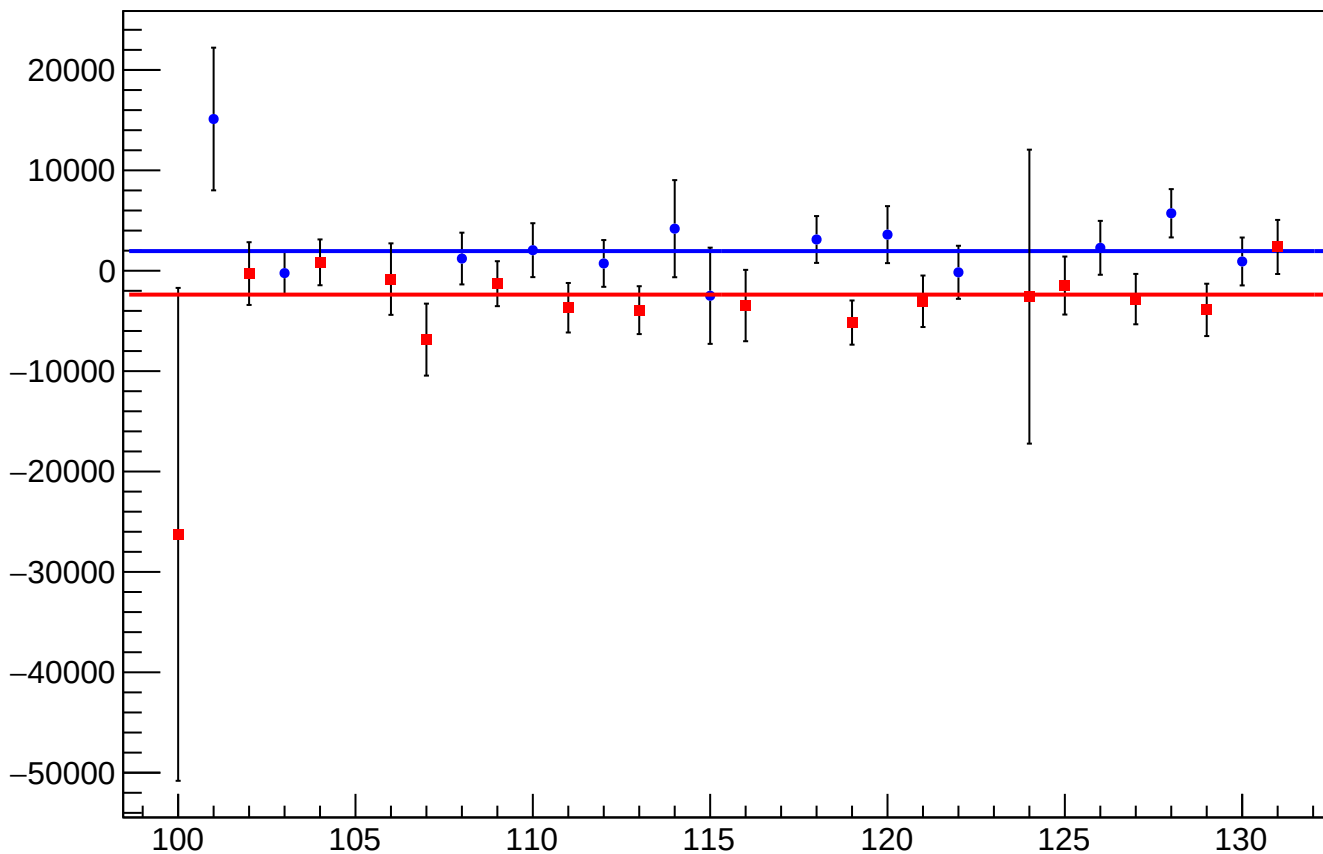
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1744.155 $\pm$ 0.451 χ^2 /NDF: 8474942.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atr1l2_avg_mean vs Slug



Right In: 1957.468 $\pm$ 760.343 χ^2 /NDF: 9.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2378.047 $\pm$ 707.369 χ^2 /NDF: 11.4/15

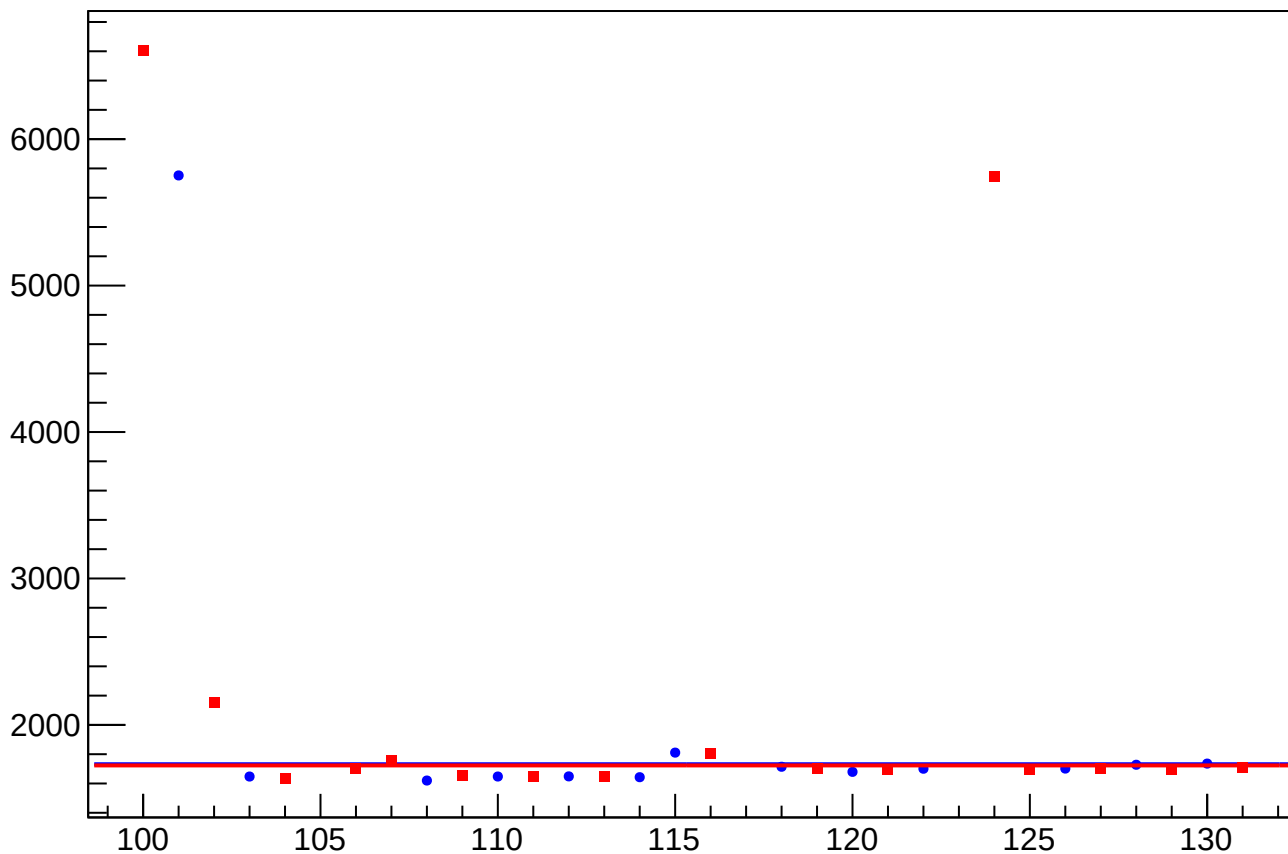
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -366.568 $\pm$ 517.901 χ^2 /NDF: 38.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atr1l2_avg_rms vs Slug



Right In: 1731.406+/-0.538 χ^2/NDF : 654085.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1723.399+/-0.498 χ^2/NDF : 279545.0/15

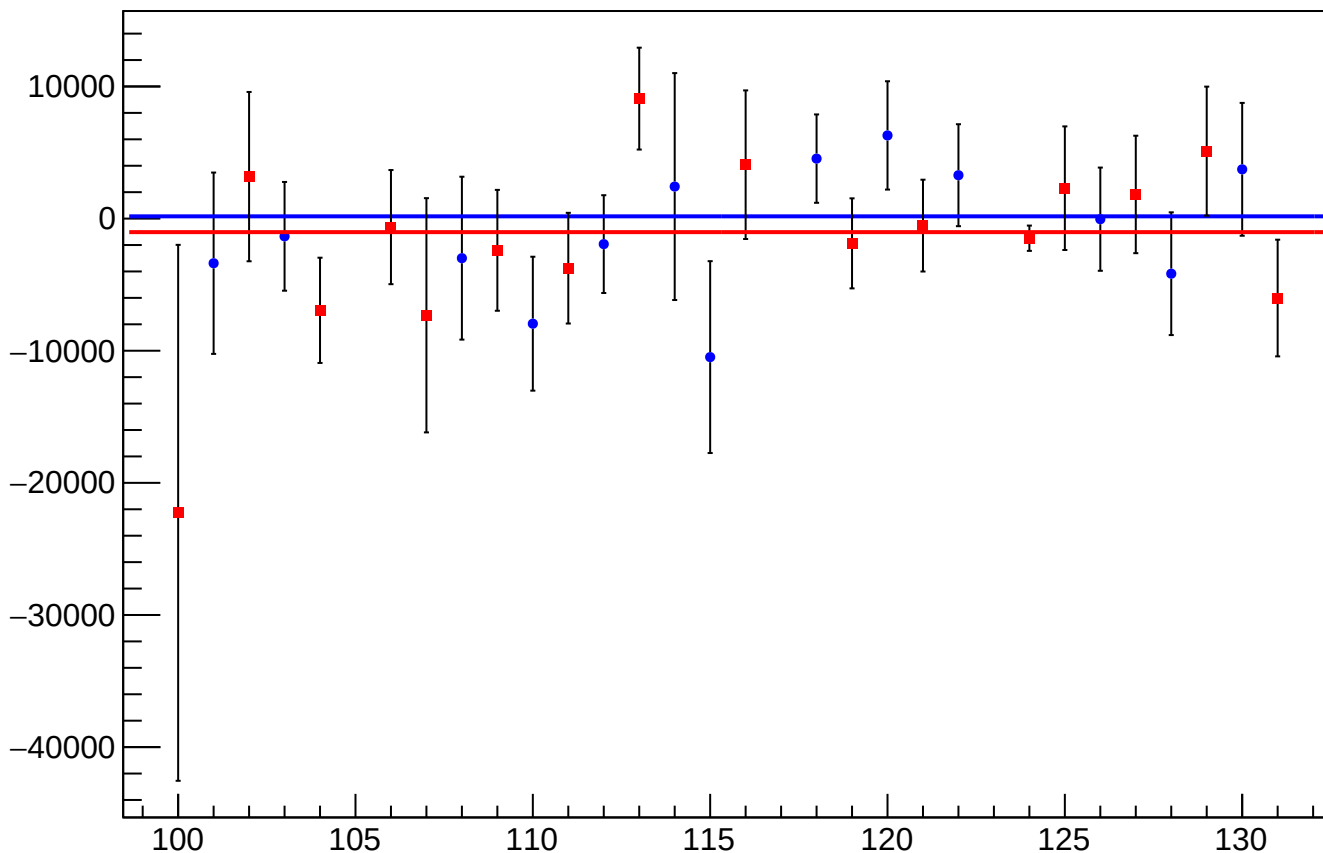
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1727.097+/-0.365 χ^2/NDF : 933749.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_cor_correction_mean vs Slug



Right In: 171.471 ± 1271.403 χ^2/NDF : 11.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1024.149 ± 743.313 χ^2/NDF : 16.5/15

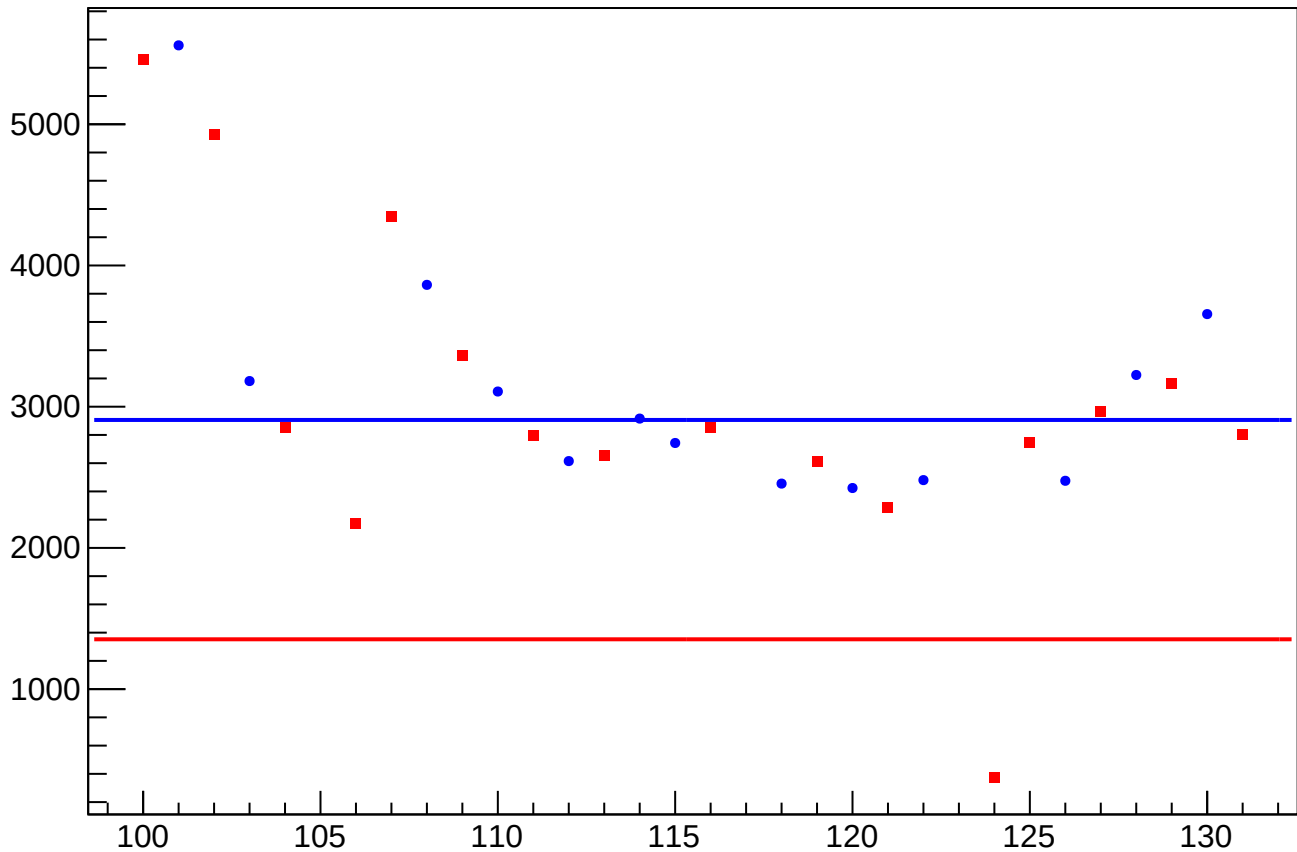
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -719.583 ± 641.693 χ^2/NDF : 28.9/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_cor_correction_rms vs Slug



Right In: 2906.109+/-0.899 χ^2/NDF : 539102.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

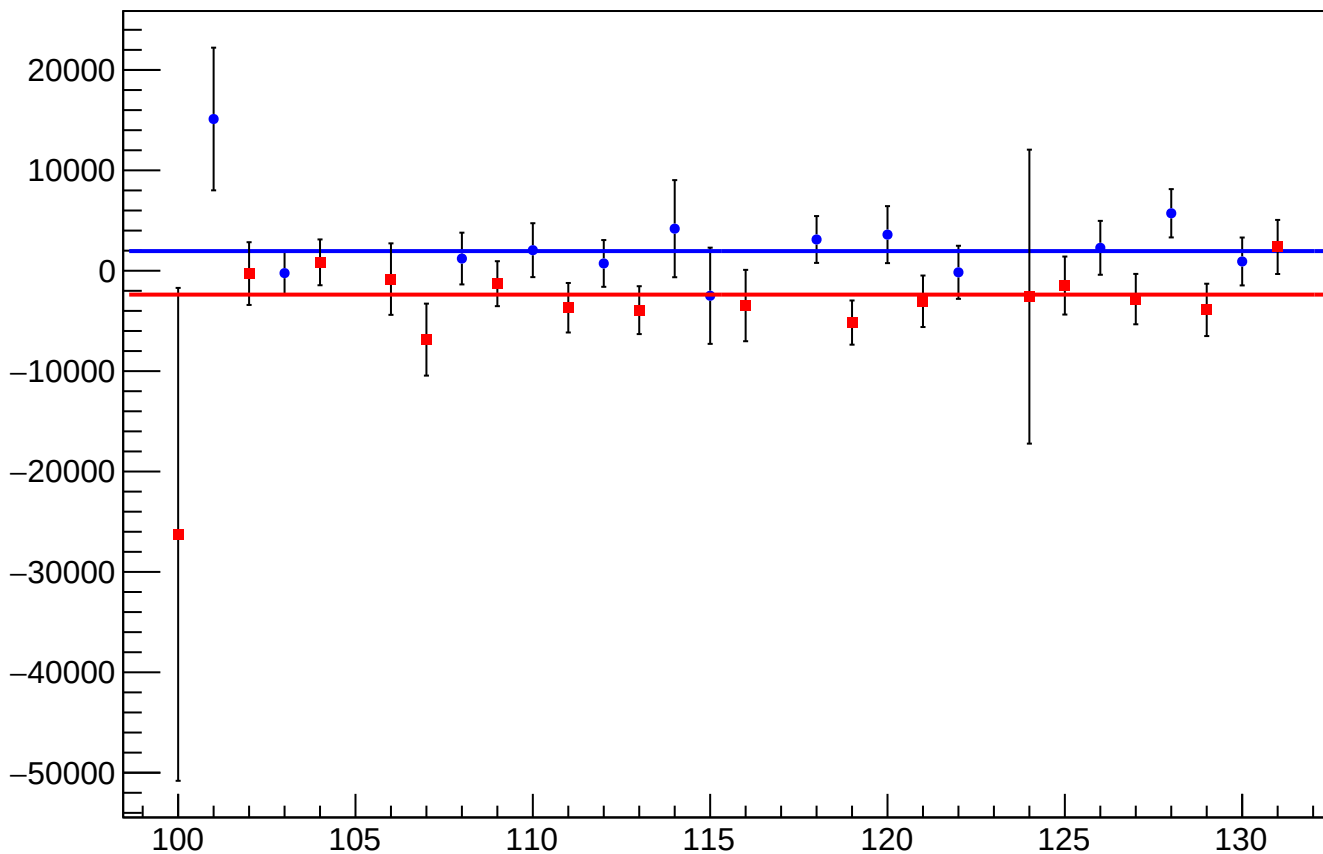
Right Out: 1352.868+/-0.526 χ^2/NDF : 5735897.9/15

All: 1748.532+/-0.454 χ^2/NDF : 8499604.5/28

- 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_atr1l2_avg_mean vs Slug



Right In: 1957.468 $\pm$ 760.343 χ^2 /NDF: 9.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2378.047 $\pm$ 707.369 χ^2 /NDF: 11.4/15

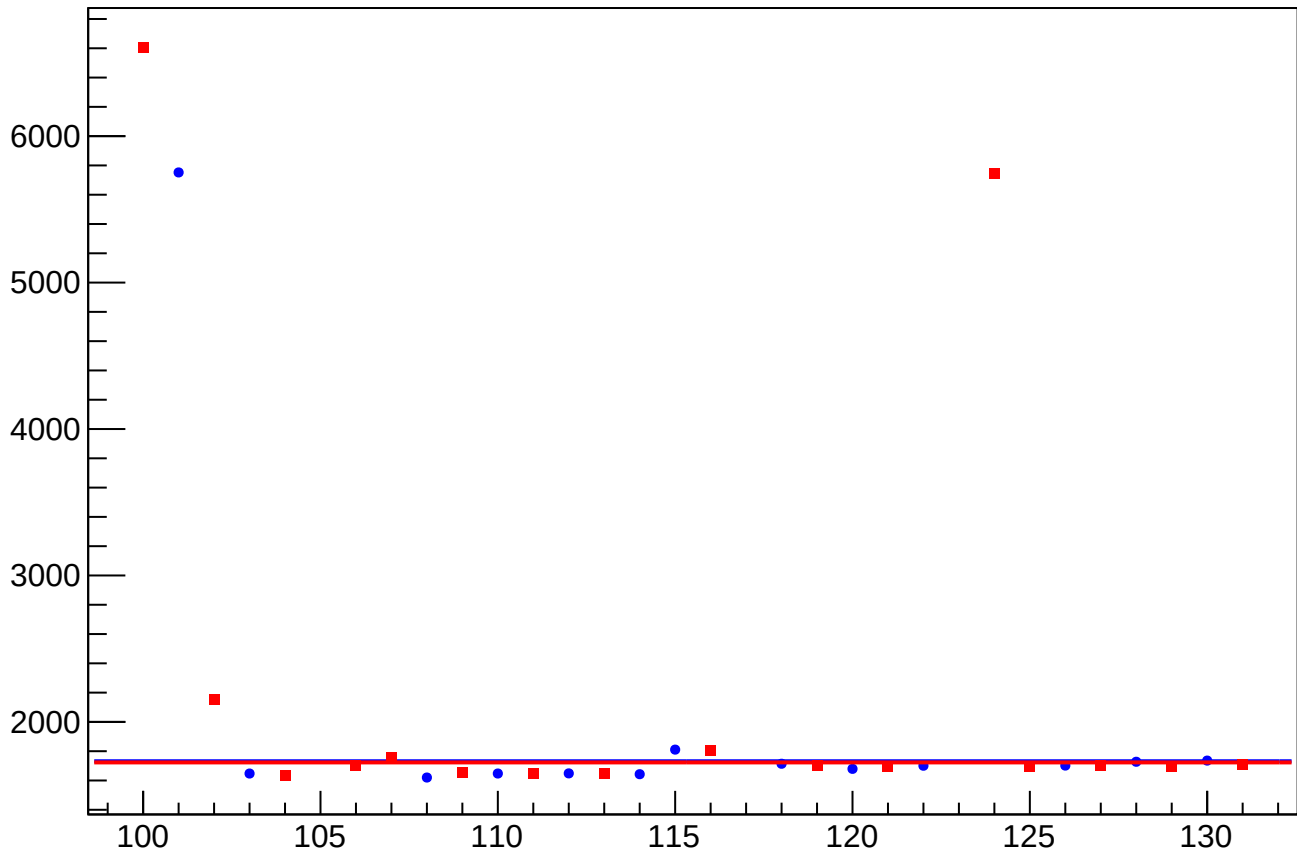
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -366.568 $\pm$ 517.901 χ^2 /NDF: 38.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atr1l2_avg_rms vs Slug



Right In: 1731.406+/-0.538 χ^2/NDF : 654085.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

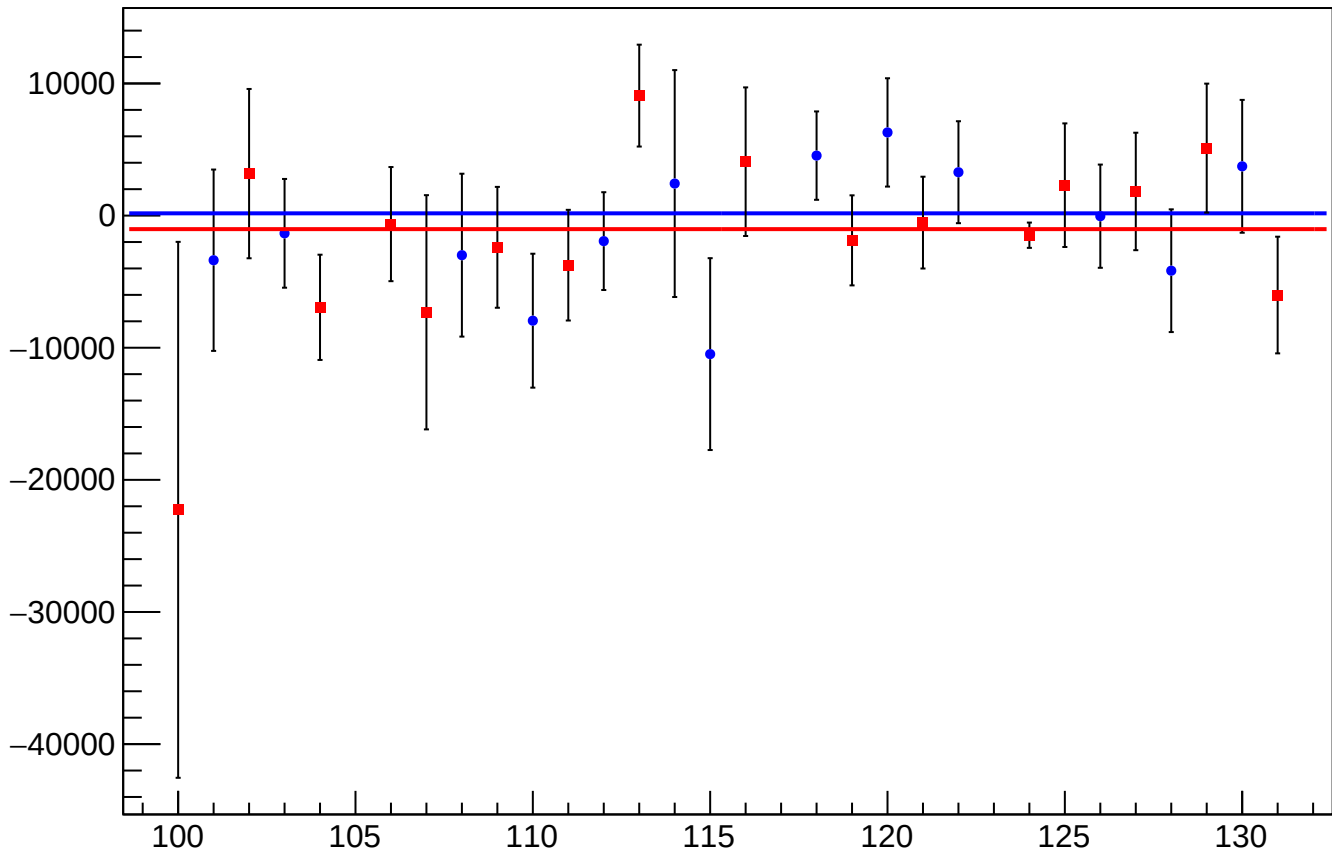
Right Out: 1723.399+/-0.498 χ^2/NDF : 279545.0/15

All: 1727.097+/-0.365 χ^2/NDF : 933749.5/28

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_cor_correction_mean vs Slug



Right In: 171.471+/-1271.403 χ^2 /NDF: 11.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1024.149+/-743.313 χ^2 /NDF: 16.5/15

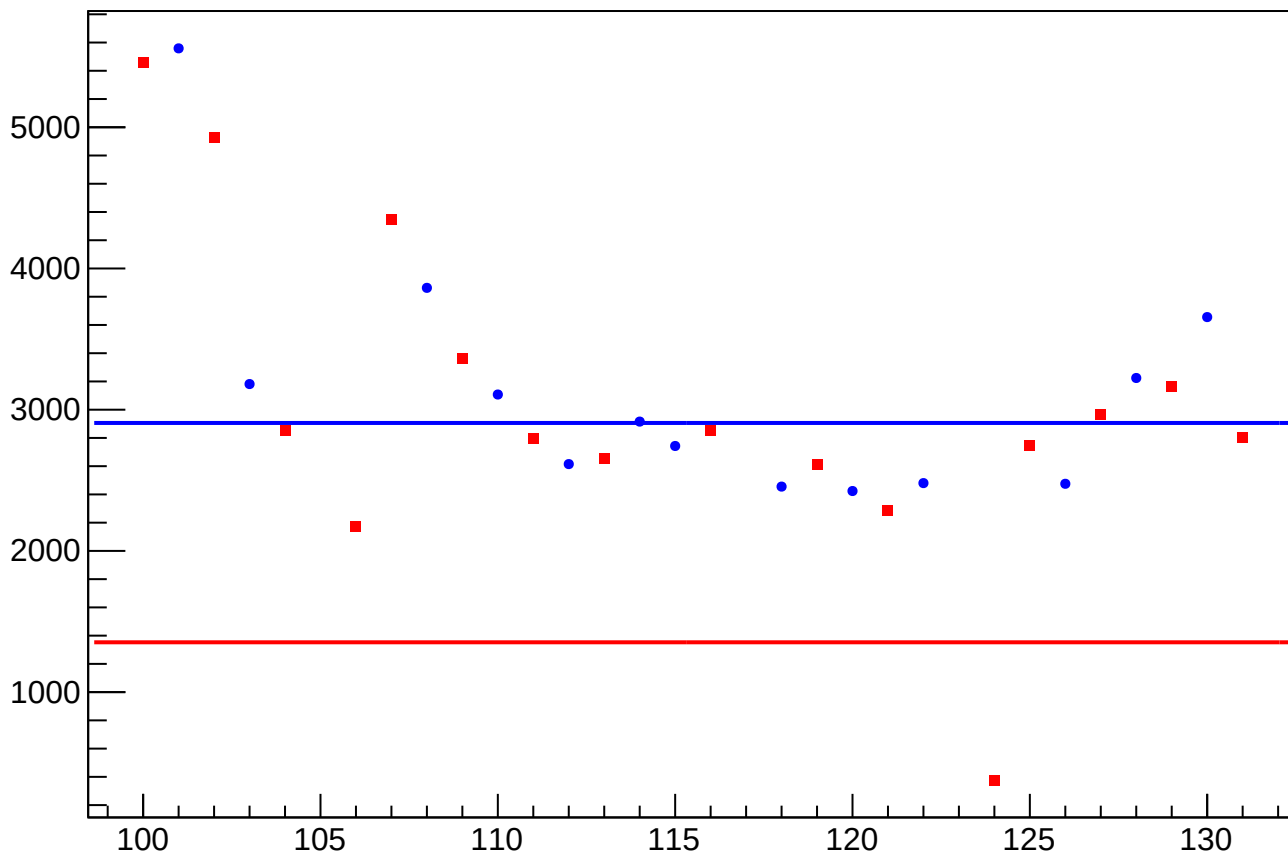
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -719.583+/-641.693 χ^2 /NDF: 28.9/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_eigen_cor_correction_rms vs Slug



Right In: 2906.109+/-0.899 χ^2/NDF : 539102.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

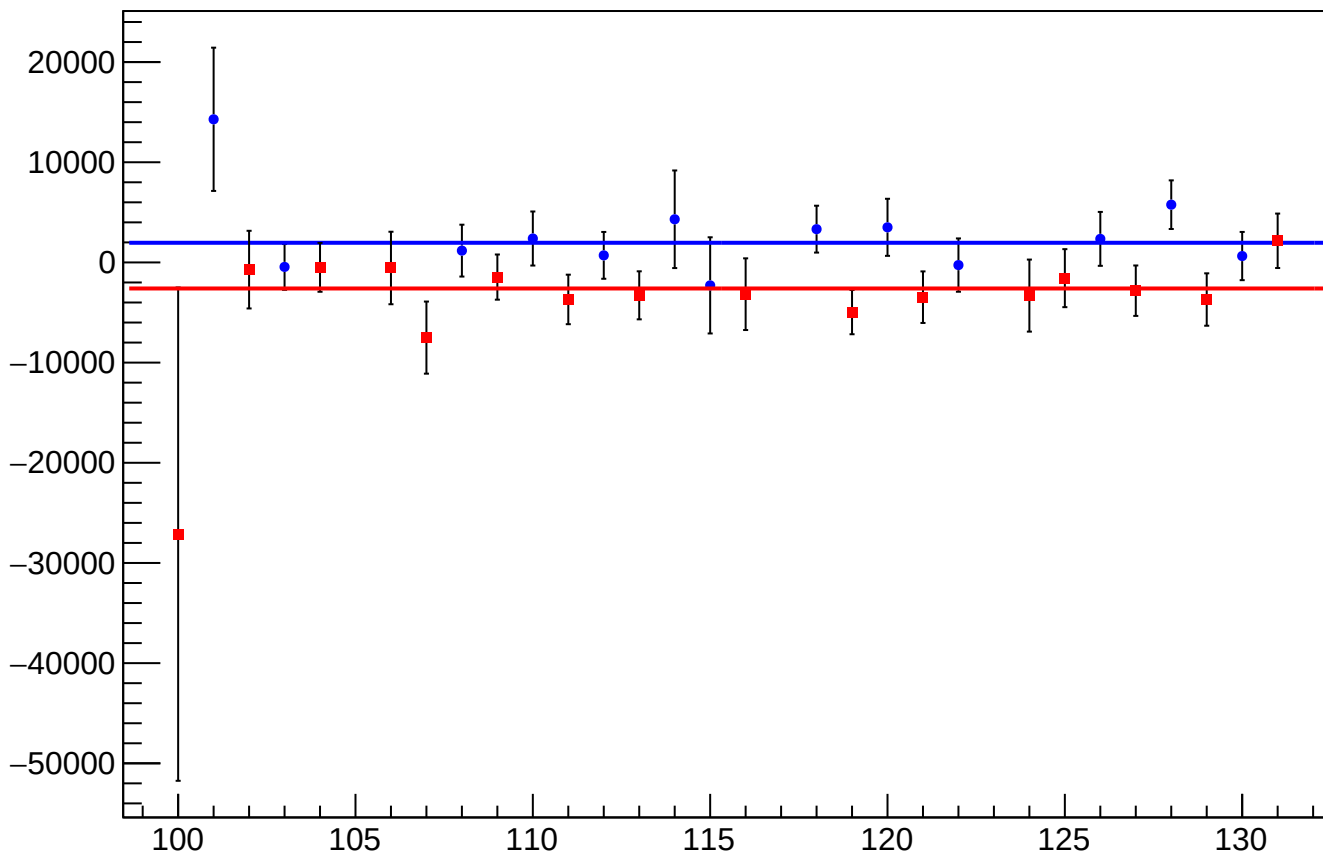
Right Out: 1352.868+/-0.526 χ^2/NDF : 5735897.9/15

All: 1748.532+/-0.454 χ^2/NDF : 8499604.5/28

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_atr1l2_avg_mean vs Slug



Right In: 1961.953+/-768.295 χ^2/NDF : 9.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2600.302+/-708.026 χ^2/NDF : 9.4/15

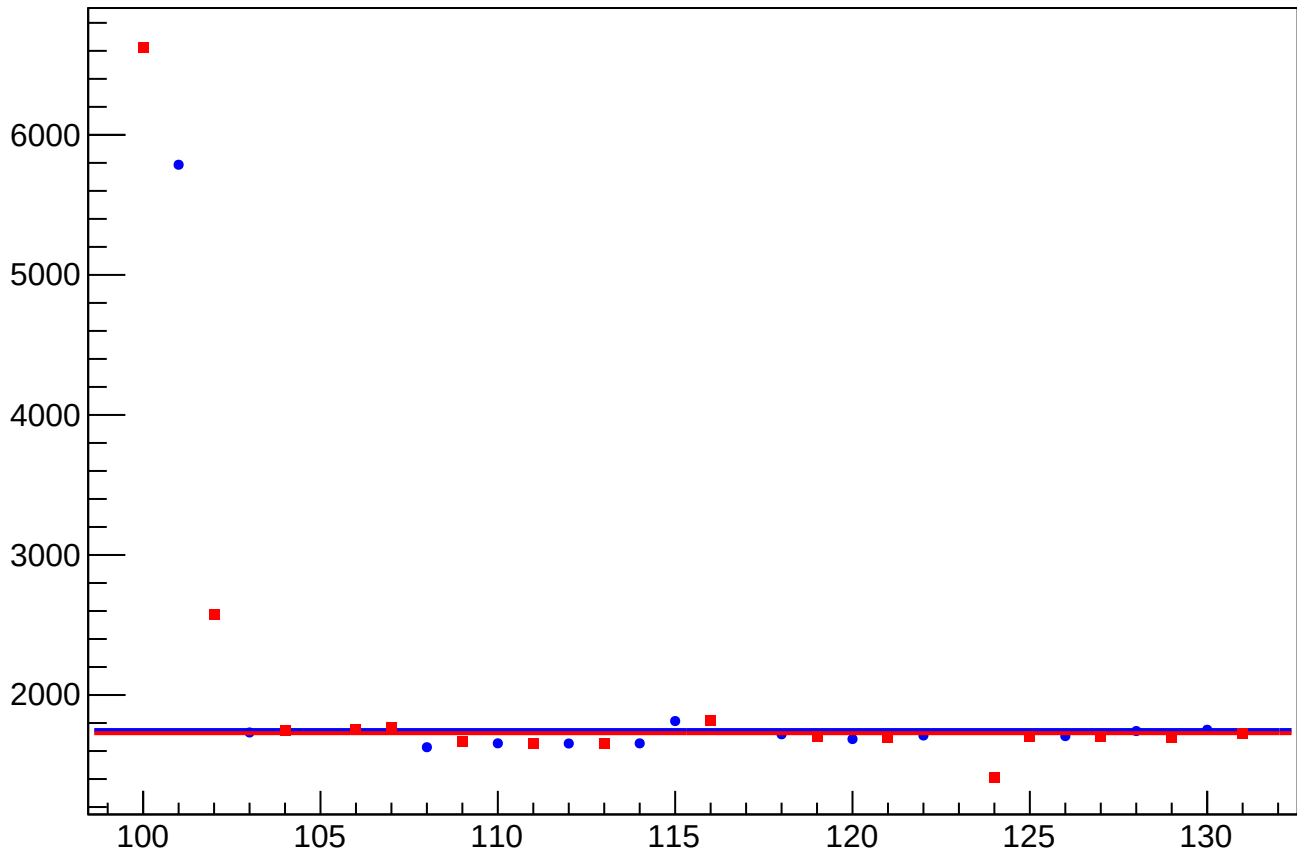
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -505.113+/-520.655 χ^2/NDF : 38.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr1l2_avg_rms vs Slug



Right In: 1749.657+/-0.543 χ^2/NDF : 651451.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1727.364+/-0.499 χ^2/NDF : 198081.5/15

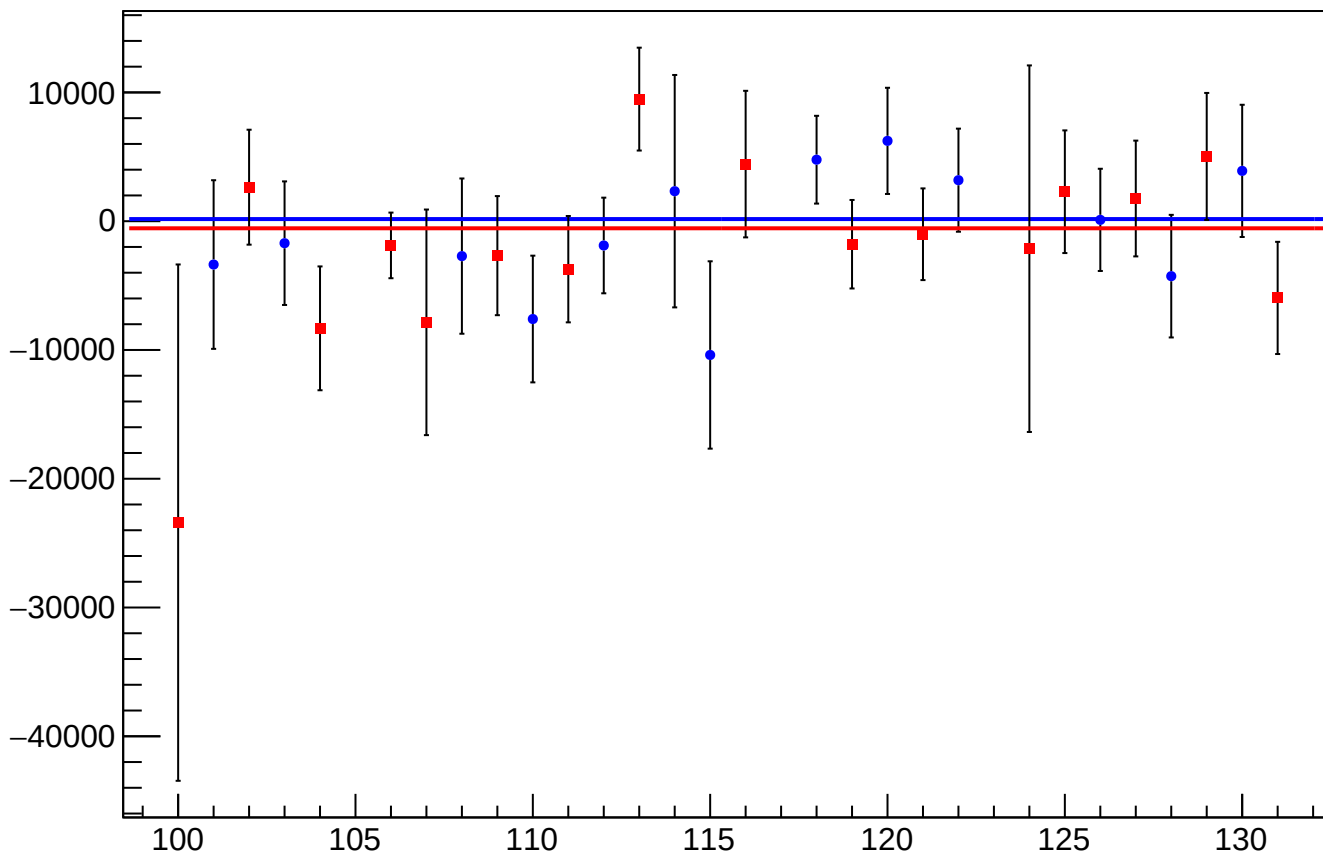
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1737.568+/-0.368 χ^2/NDF : 850446.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_dit_correction_mean vs Slug



Right In: 165.378 ± 1299.518 χ^2/NDF : 11.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -551.235 ± 1105.798 χ^2/NDF : 16.9/15

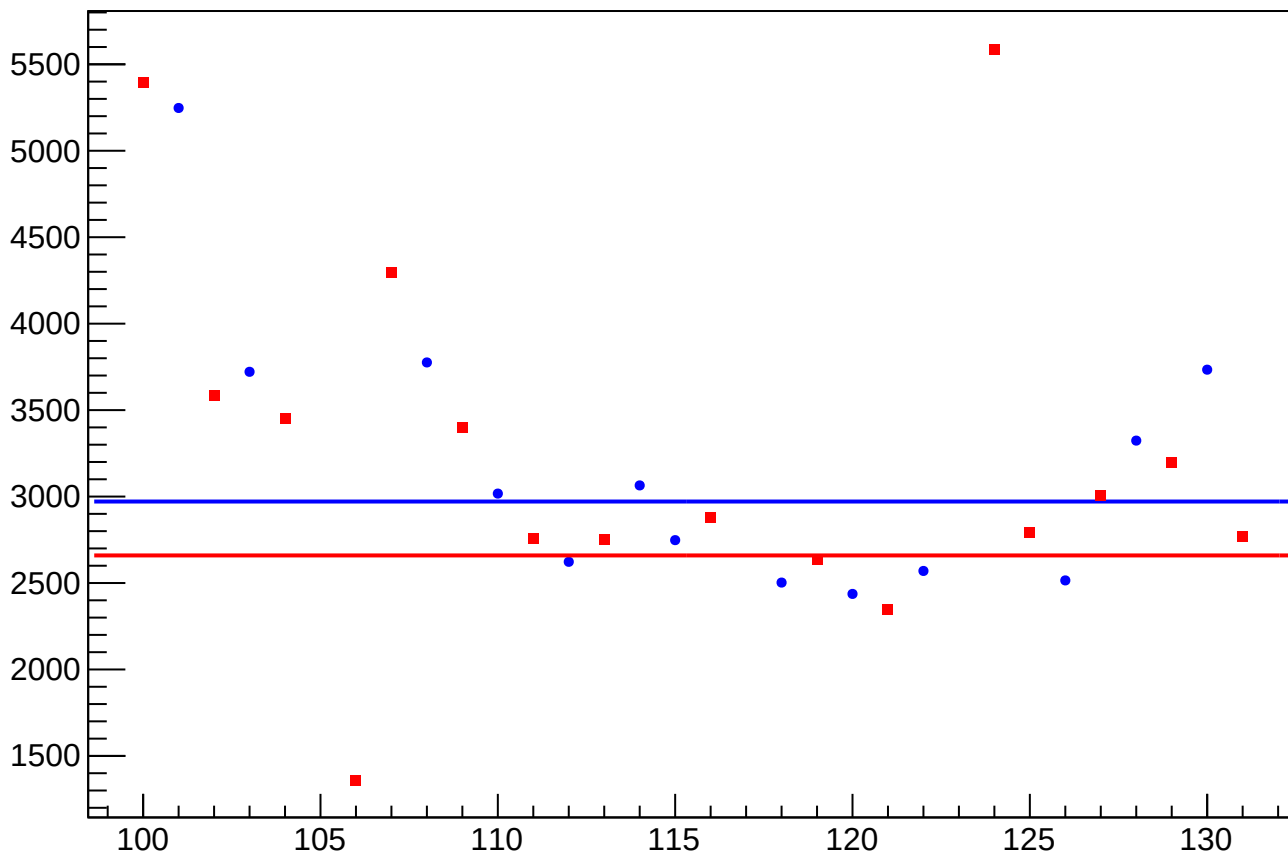
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -250.271 ± 842.165 χ^2/NDF : 28.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_dit_correction_rms vs Slug



Right In: 2971.352+/-0.919 χ^2/NDF : 519112.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2659.556+/-0.782 χ^2/NDF : 964536.9/15

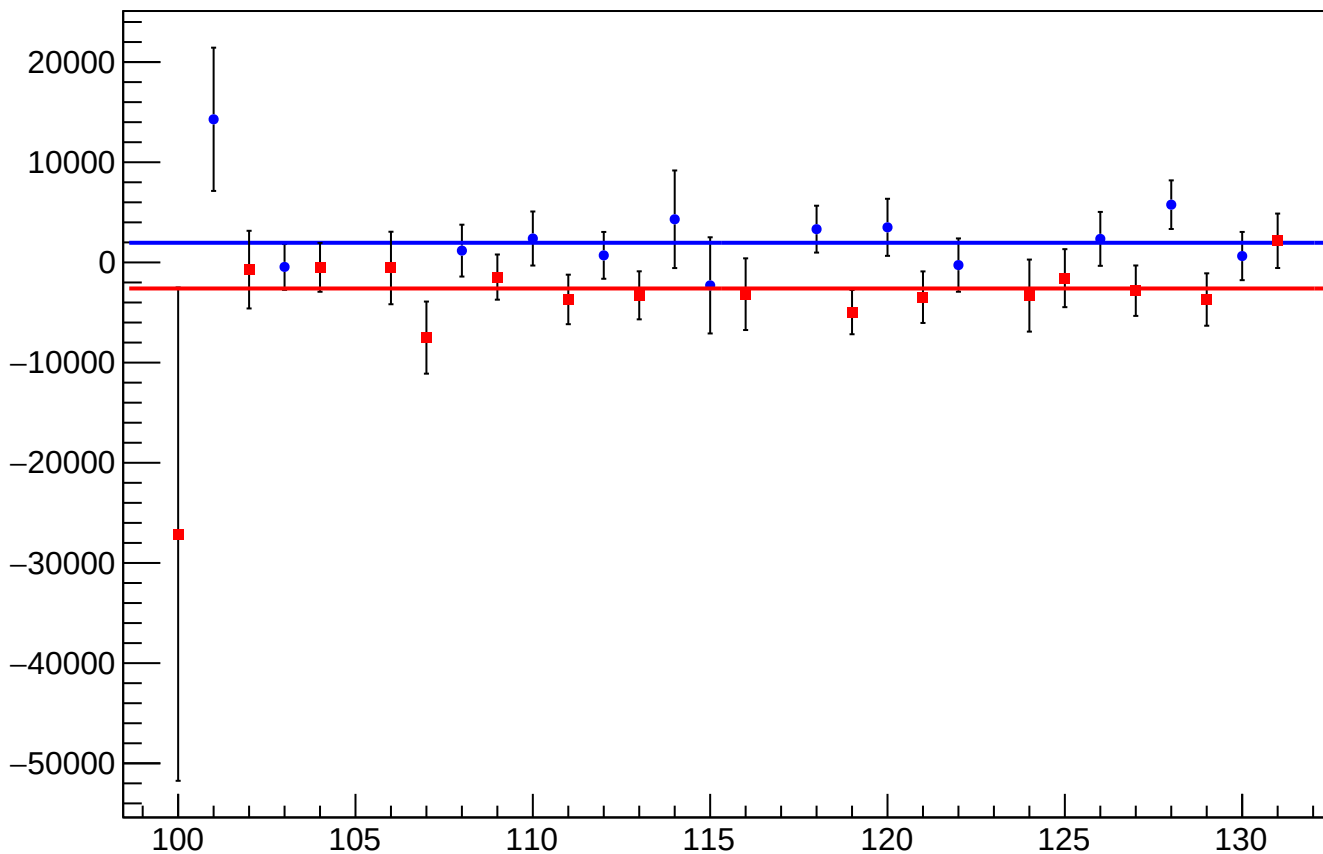
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2790.504+/-0.596 χ^2/NDF : 1550429.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr1l2_avg_mean vs Slug



Right In: 1961.957 $\pm$ 768.295 χ^2 /NDF: 9.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2600.306 $\pm$ 708.026 χ^2 /NDF: 9.4/15

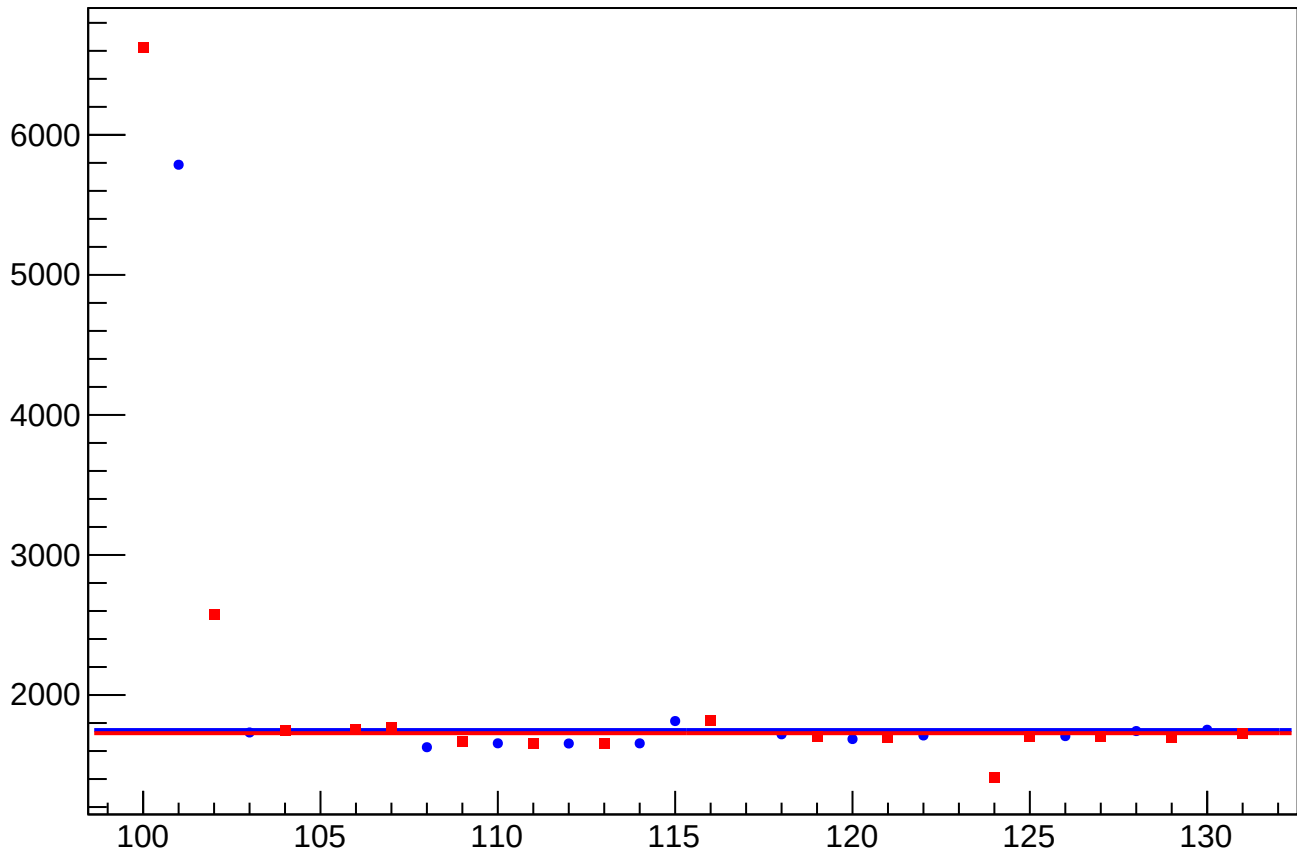
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -505.113 $\pm$ 520.655 χ^2 /NDF: 38.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atr1l2_avg_rms vs Slug



Right In: 1749.657+/-0.543 χ^2/NDF : 651451.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1727.364+/-0.499 χ^2/NDF : 198081.4/15

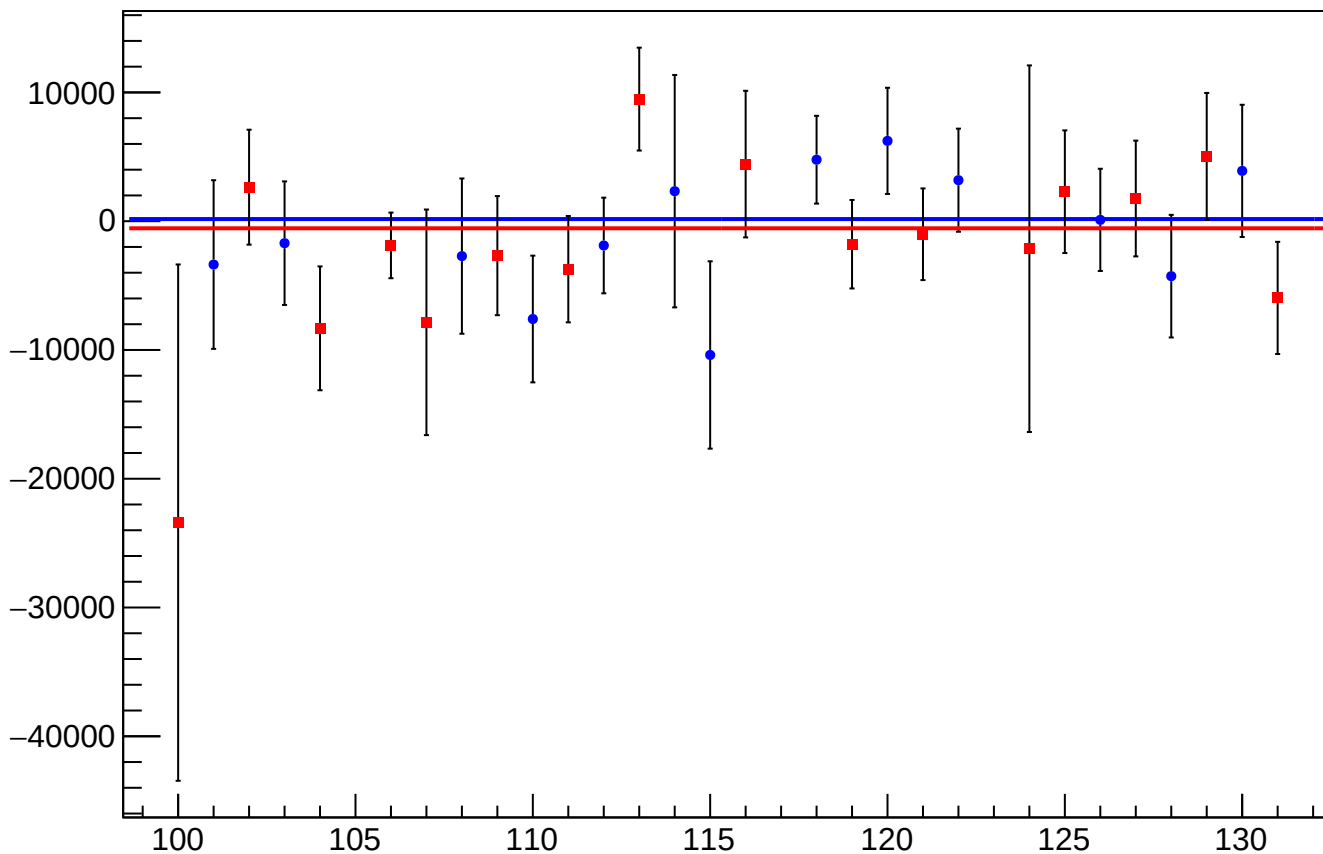
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1737.568+/-0.368 χ^2/NDF : 850446.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_correction_mean vs Slug



Right In: 165.381+/-1299.513 χ^2/NDF : 11.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -551.237+/-1105.793 χ^2/NDF : 16.9/15

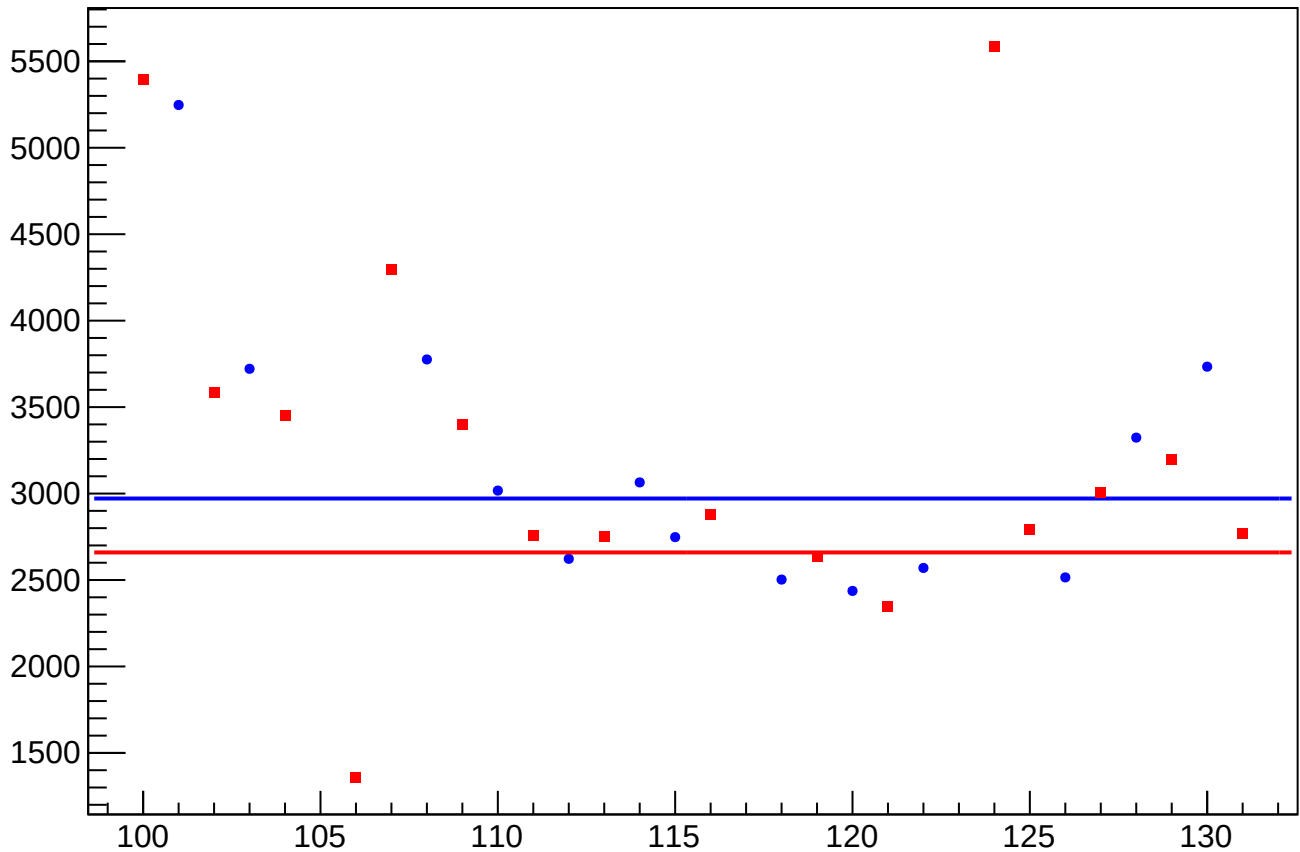
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -250.271+/-842.161 χ^2/NDF : 28.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_correction_rms vs Slug



Right In: 2971.340+/-0.919 χ^2/NDF : 519116.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

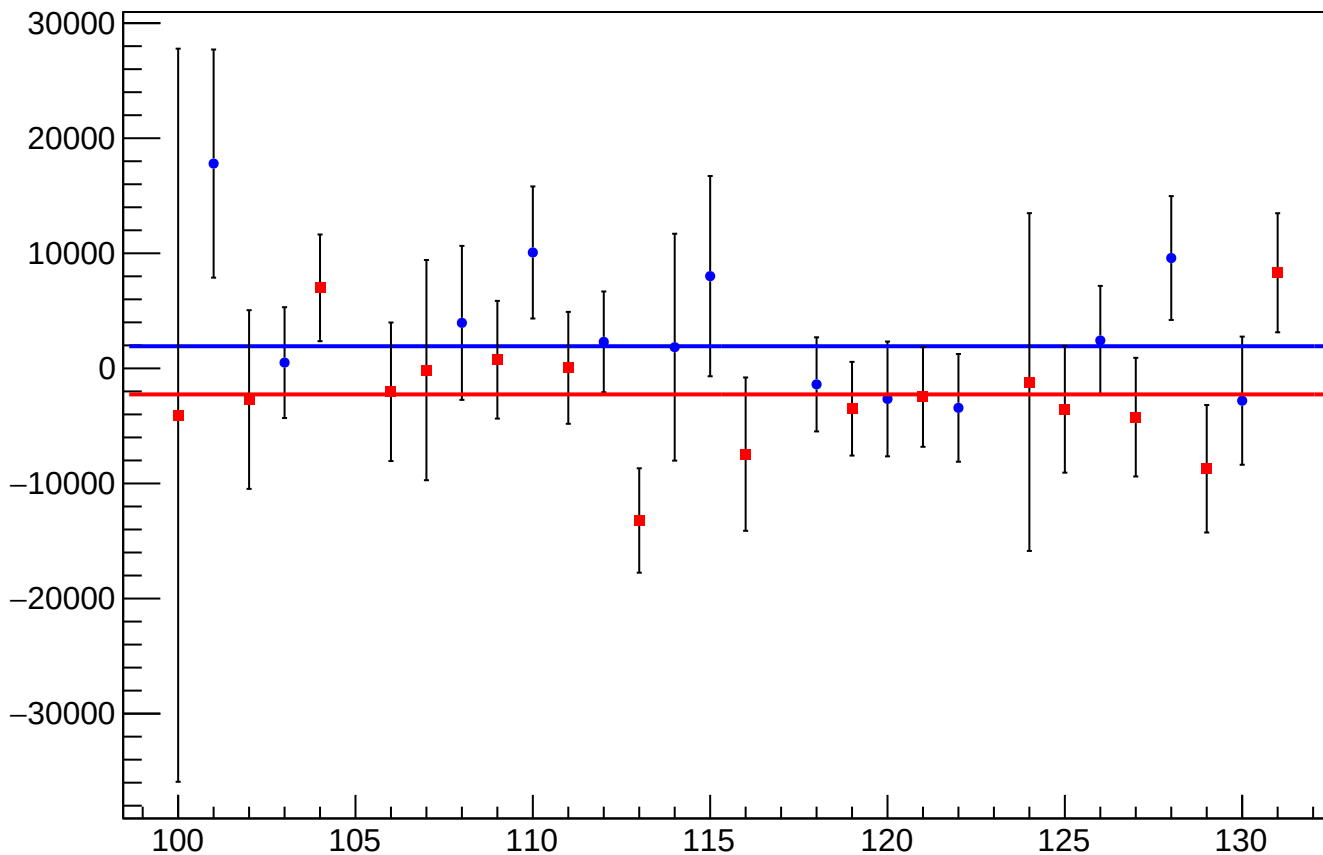
Right Out: 2659.543+/-0.782 χ^2/NDF : 964551.3/15

All: 2790.492+/-0.595 χ^2/NDF : 1550449.5/28

- 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: 1925.189+/-1510.032 χ^2/NDF : 10.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2261.037+/-1396.021 χ^2/NDF : 16.9/15

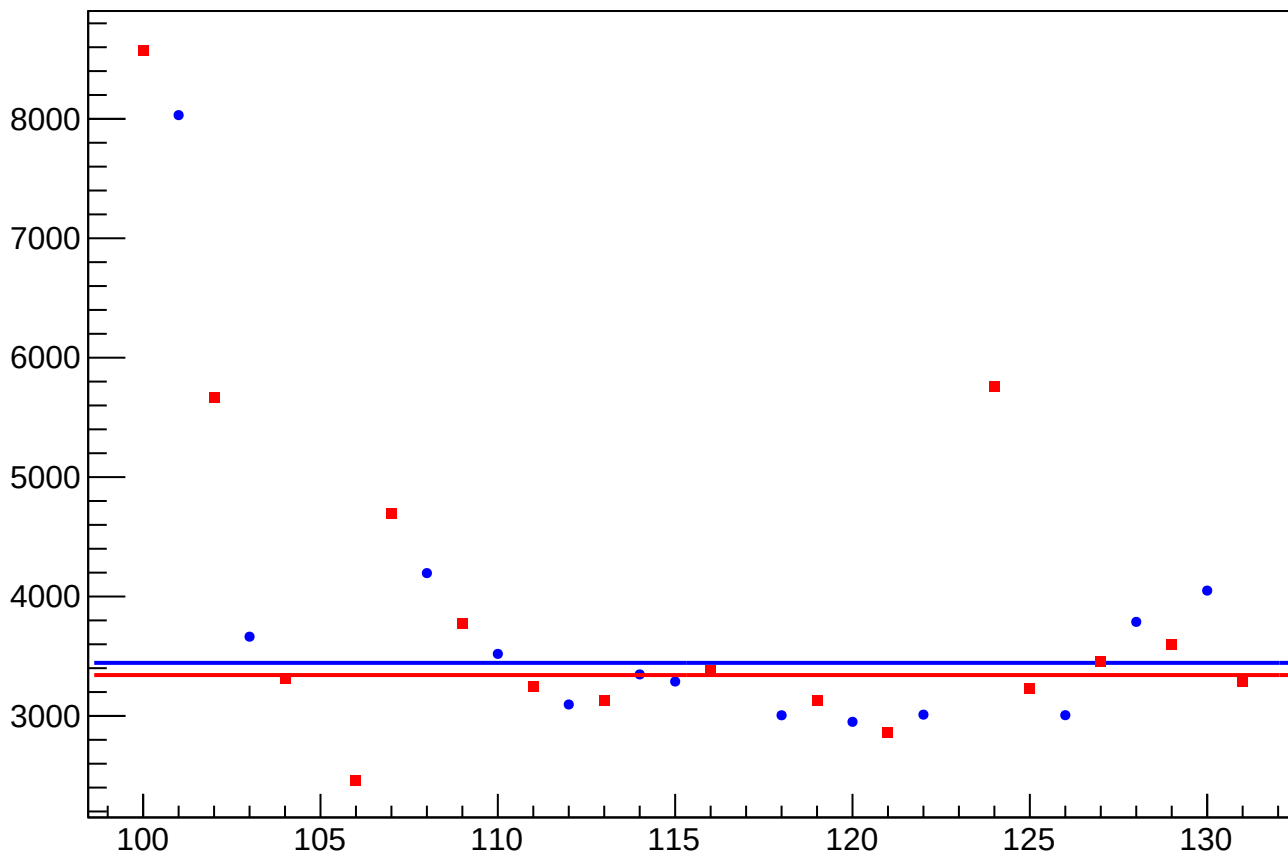
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -331.907+/-1025.075 χ^2/NDF : 31.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_rms vs Slug



Right In: 3444.480+/-1.068 χ^2/NDF : 580157.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3342.264+/-0.971 χ^2/NDF : 452949.9/15

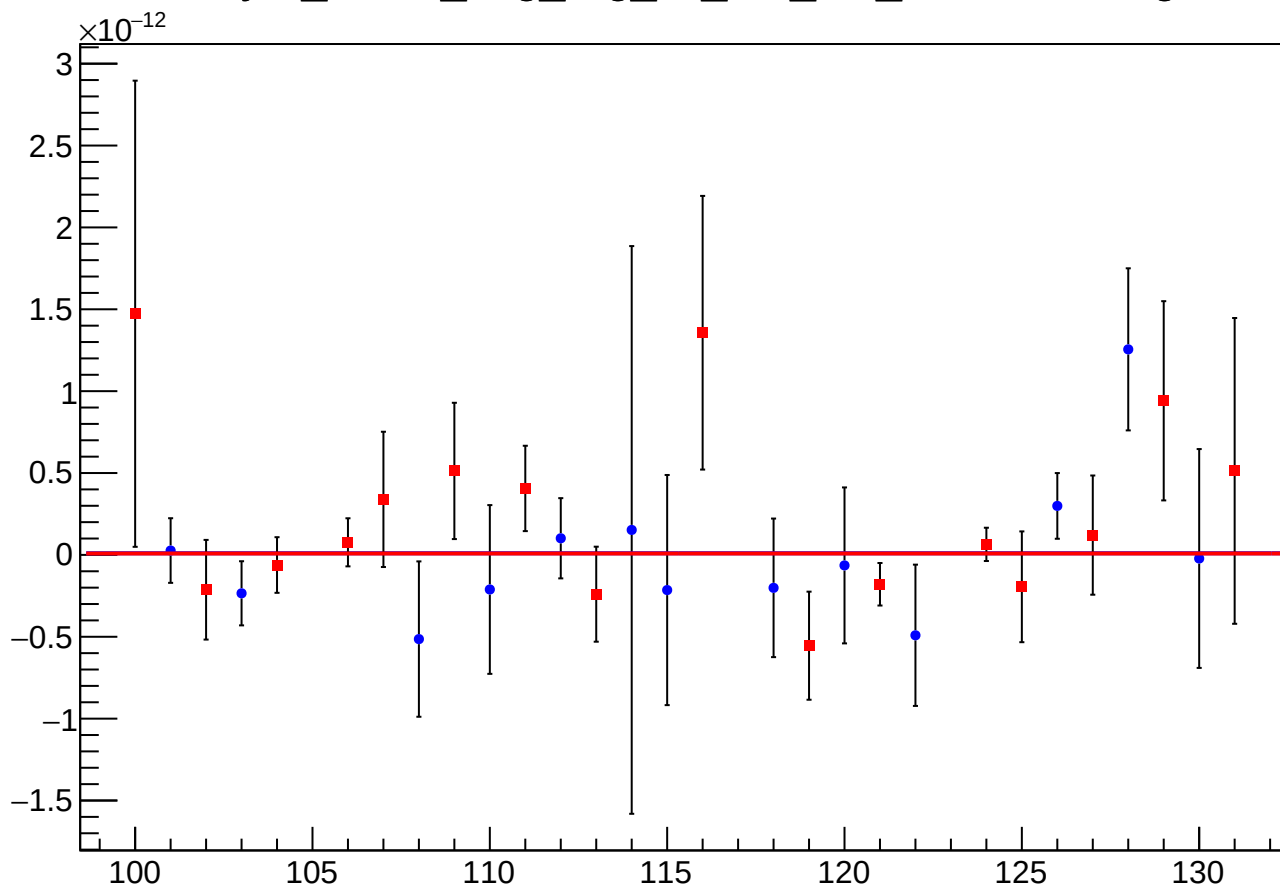
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3388.518+/-0.718 χ^2/NDF : 1038124.7/28

- 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: 13.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.1/15

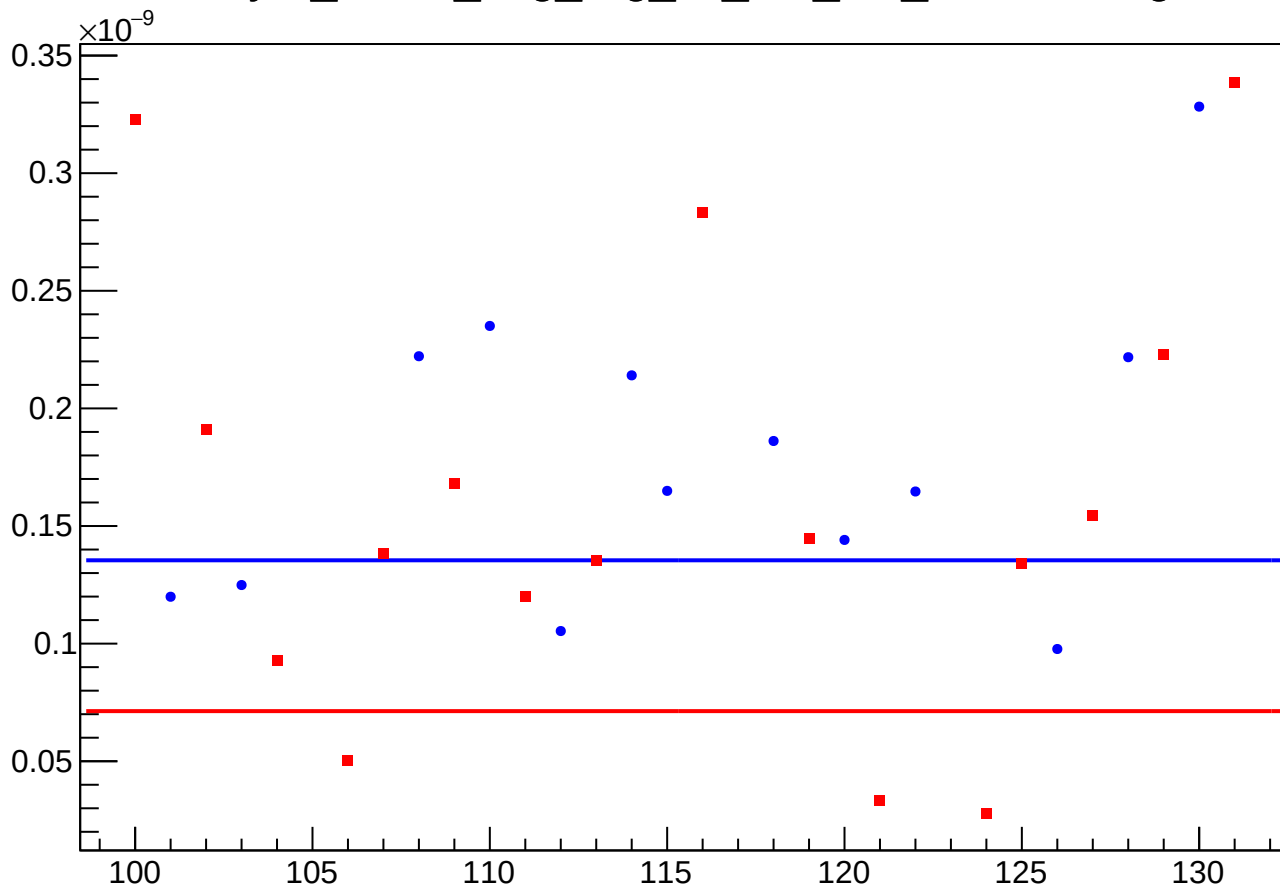
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 31.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atrl2_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 534191.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2004074.8/15

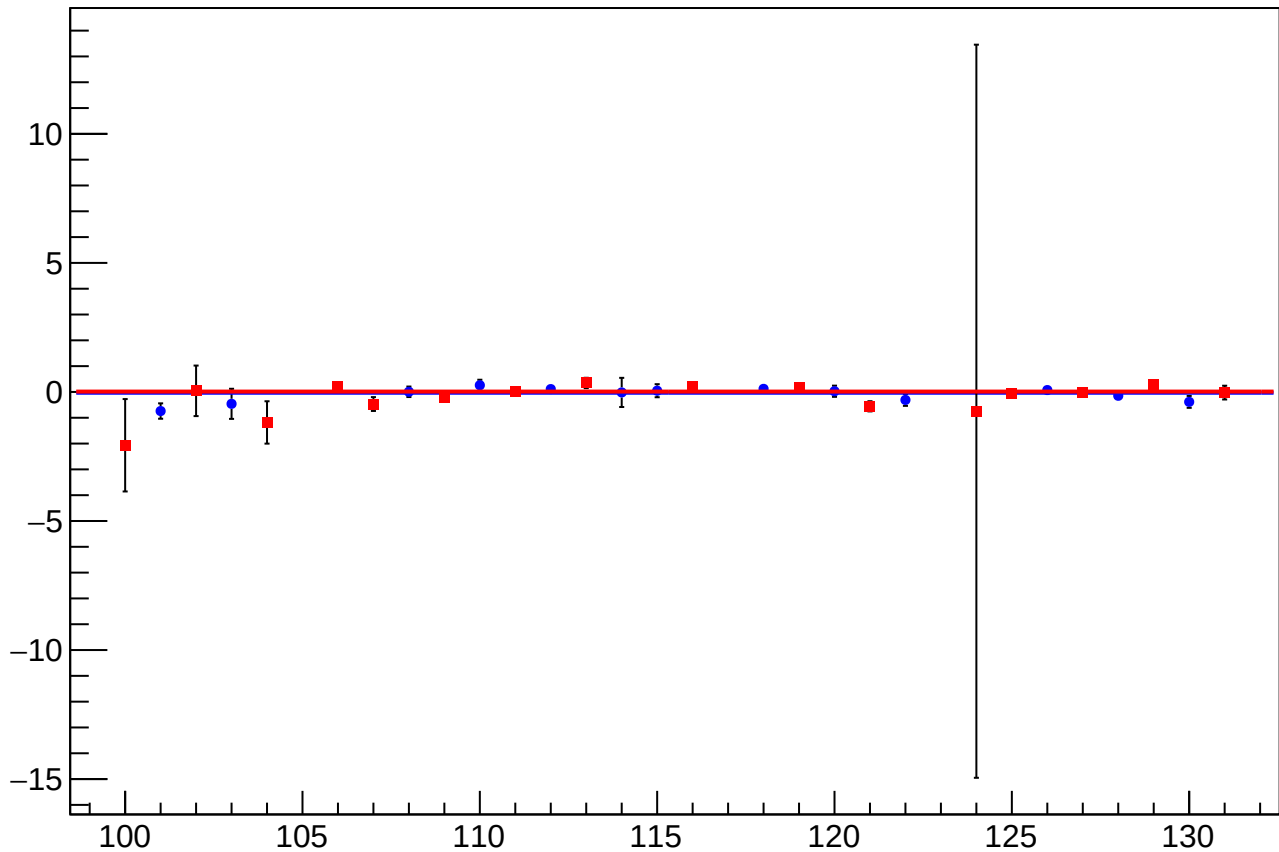
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3277766.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.031 ± 0.061 χ^2/NDF : 14.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.015 ± 0.053 χ^2/NDF : 26.5/15

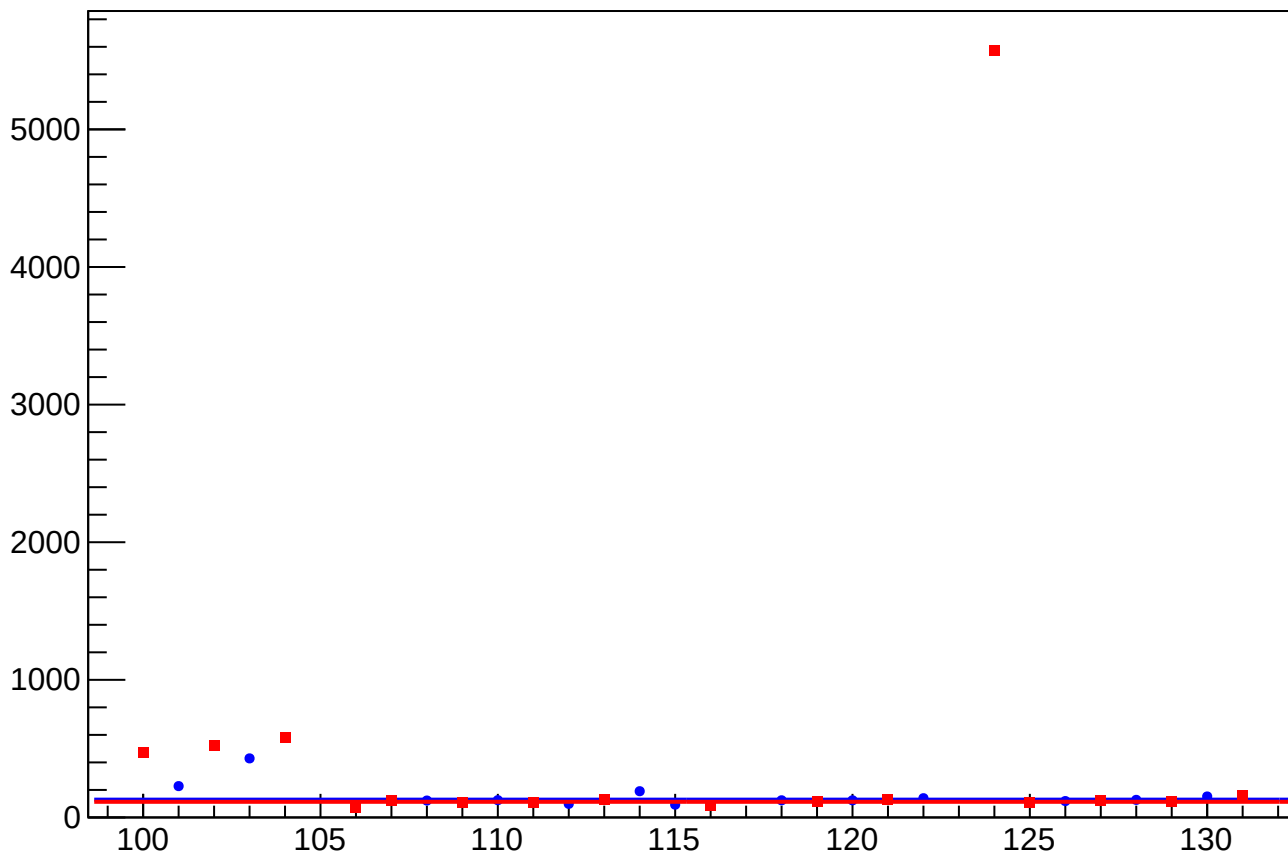
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.005 ± 0.040 χ^2/NDF : 41.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 129.437 $\pm$ 0.043 χ^2 /NDF: 931329.5/12

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

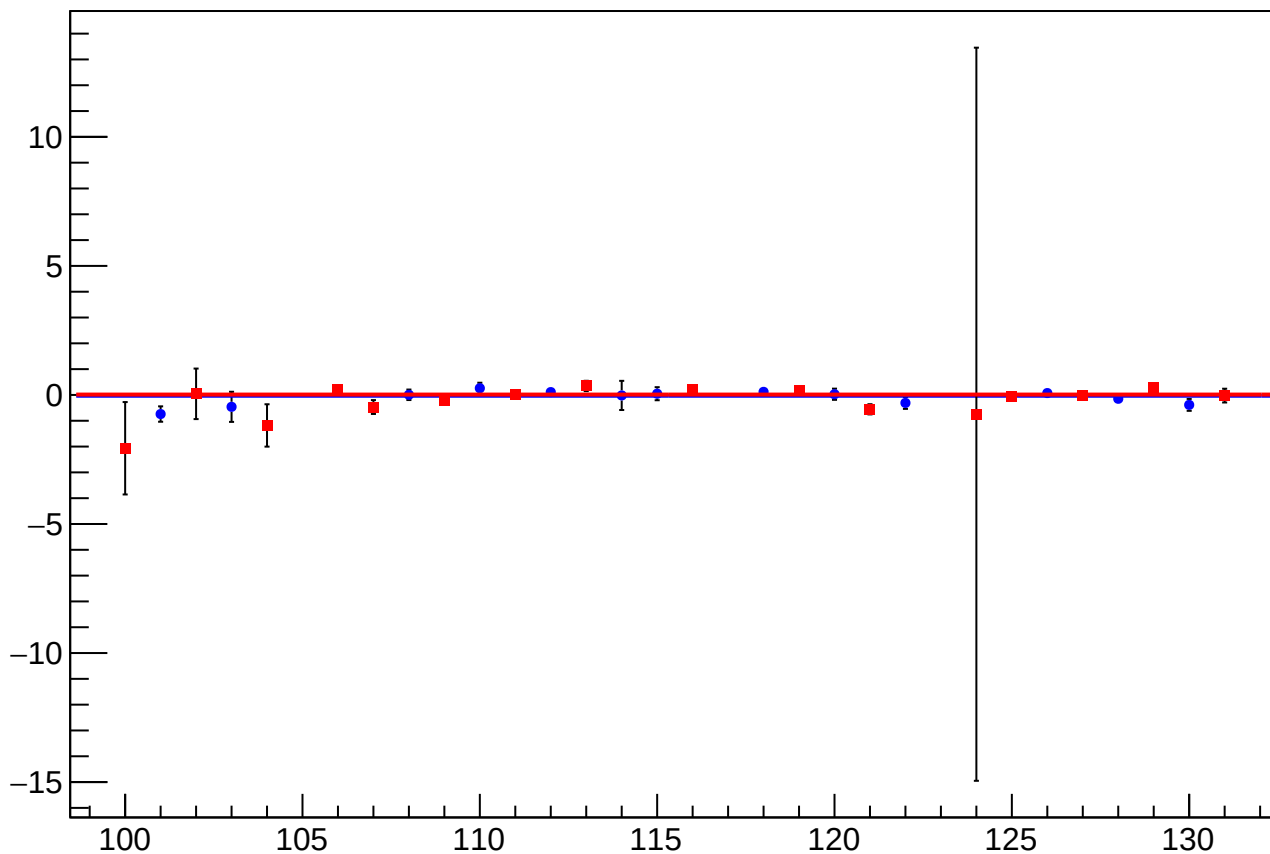
Right Out: 113.745 $\pm$ 0.037 χ^2 /NDF: 1671048.2/15

All: 120.499 $\pm$ 0.028 χ^2 /NDF: 2678941.9/28

- 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_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.031 ± 0.061 χ^2/NDF : 14.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.015 ± 0.053 χ^2/NDF : 26.5/15

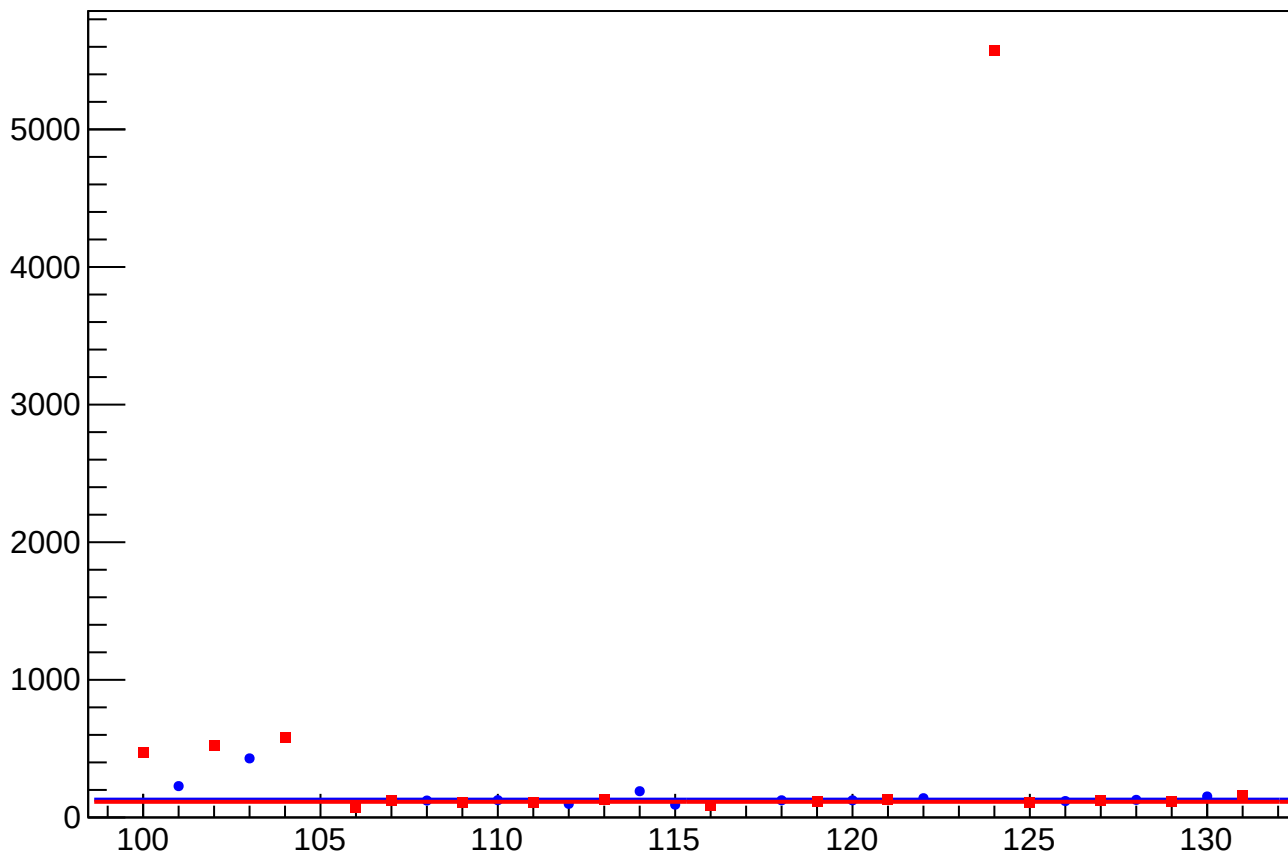
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.005 ± 0.040 χ^2/NDF : 41.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 129.437 $\pm$ 0.043 χ^2 /NDF: 931329.5/12

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

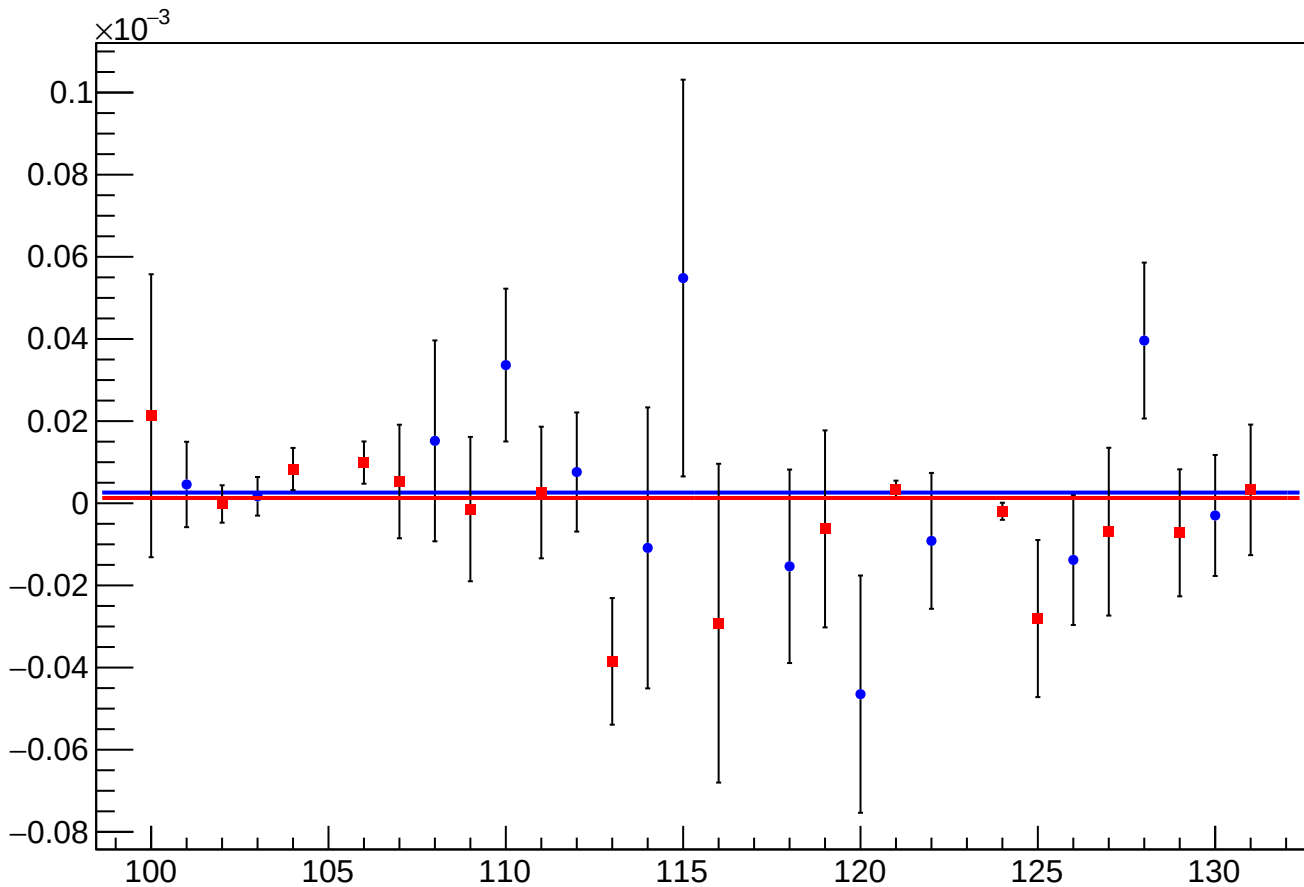
Right Out: 113.745 $\pm$ 0.037 χ^2 /NDF: 1671048.2/15

All: 120.499 $\pm$ 0.028 χ^2 /NDF: 2678941.9/28

- 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_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.0/15

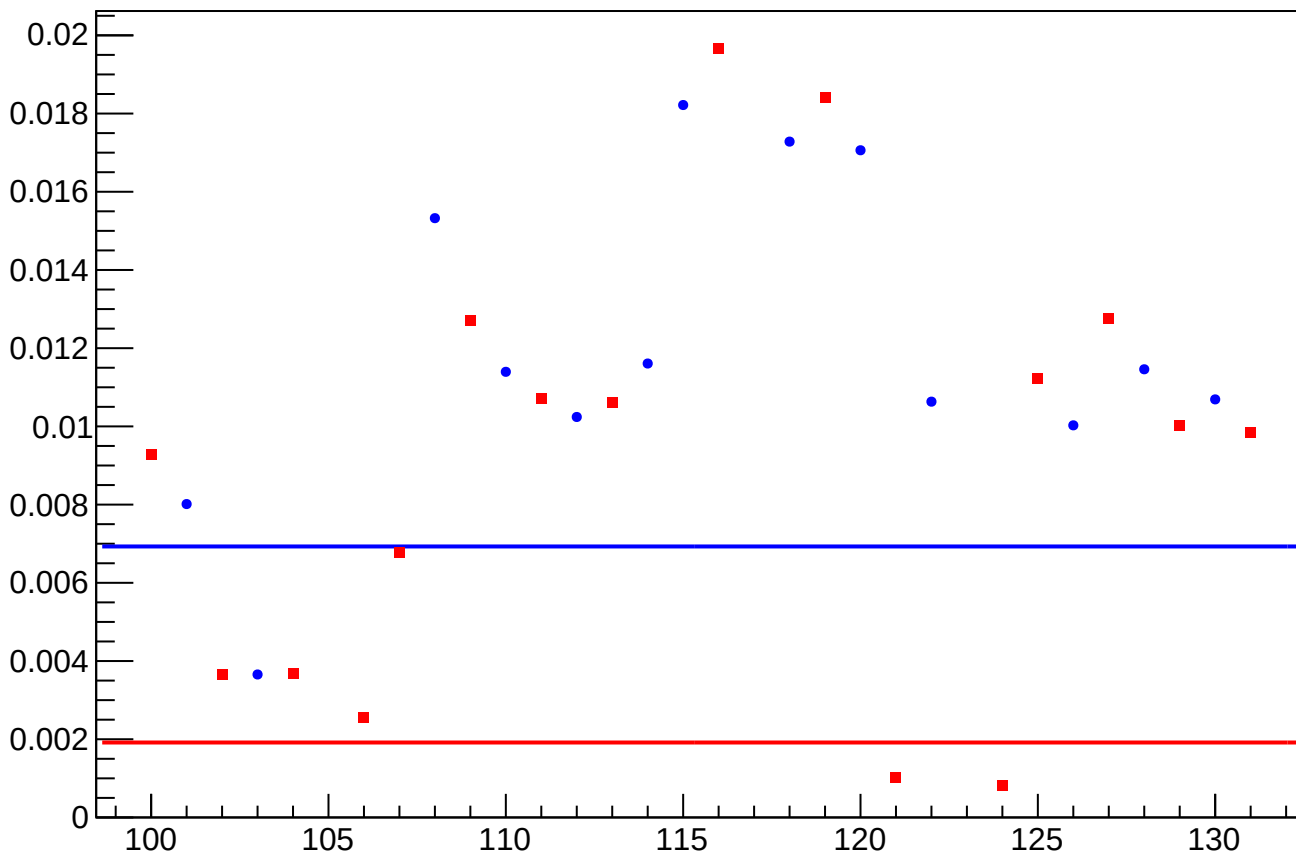
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 32.7/28

- 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 : 2647182.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 7293250.6/15

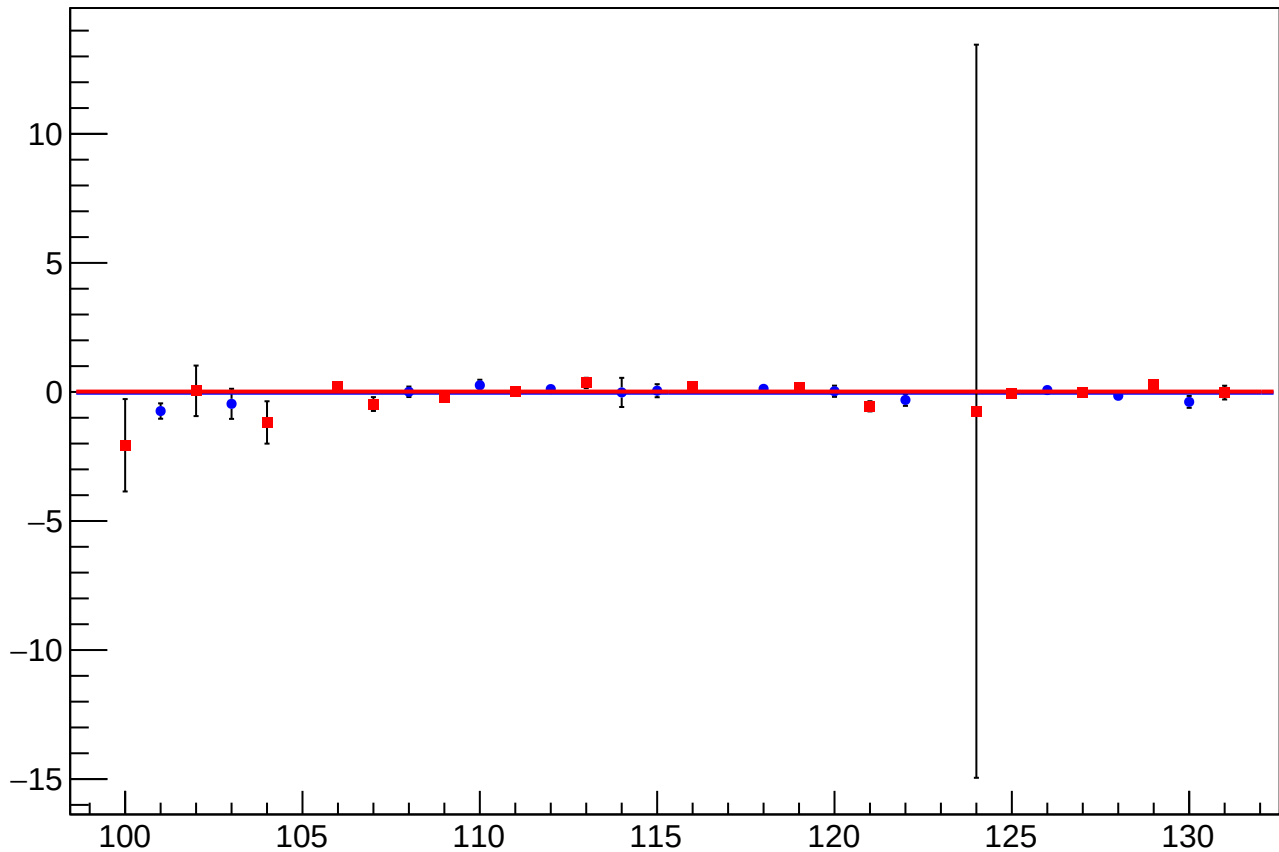
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 13630197.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.031 ± 0.061 χ^2/NDF : 14.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.015 ± 0.053 χ^2/NDF : 26.5/15

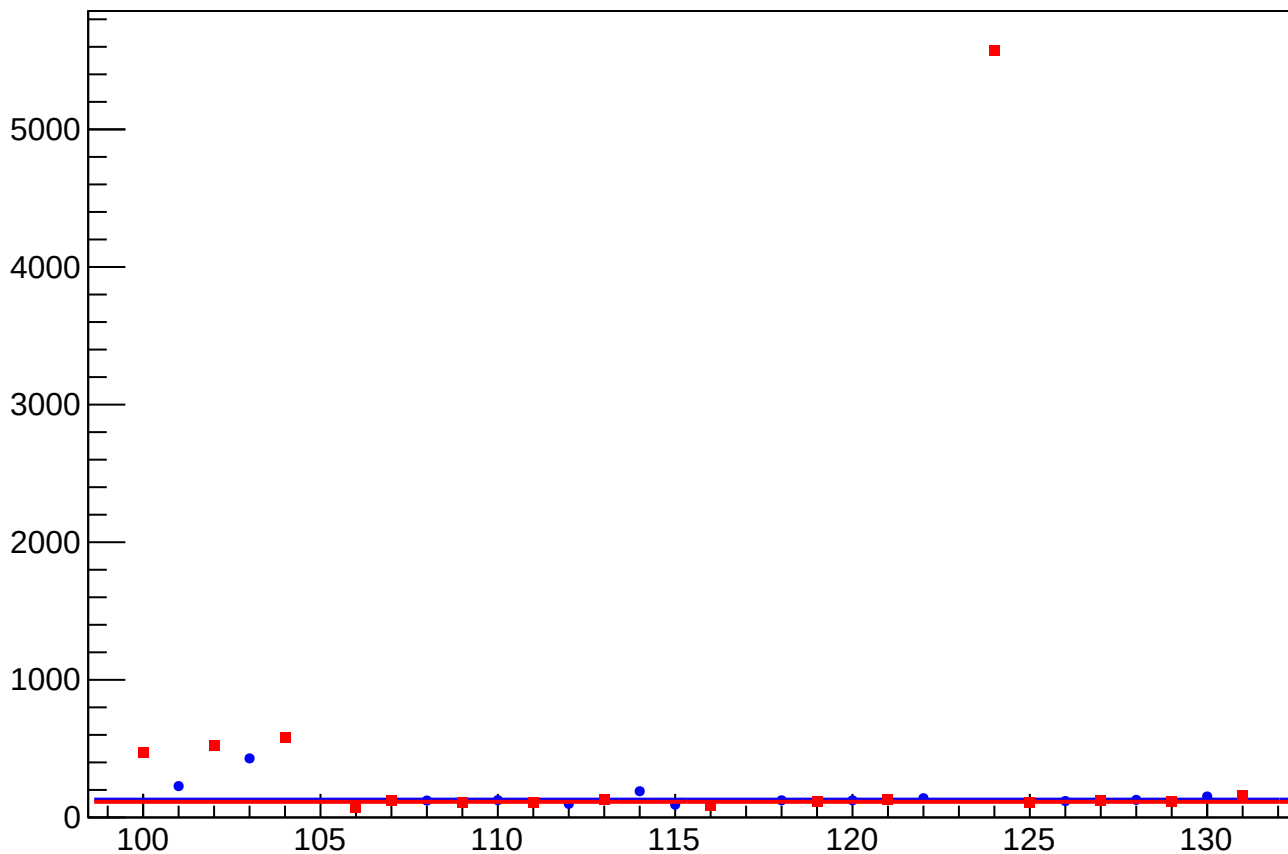
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.005 ± 0.040 χ^2/NDF : 41.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 129.438+/-0.043 χ^2/NDF : 931269.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.745+/-0.037 χ^2/NDF : 1670994.8/15

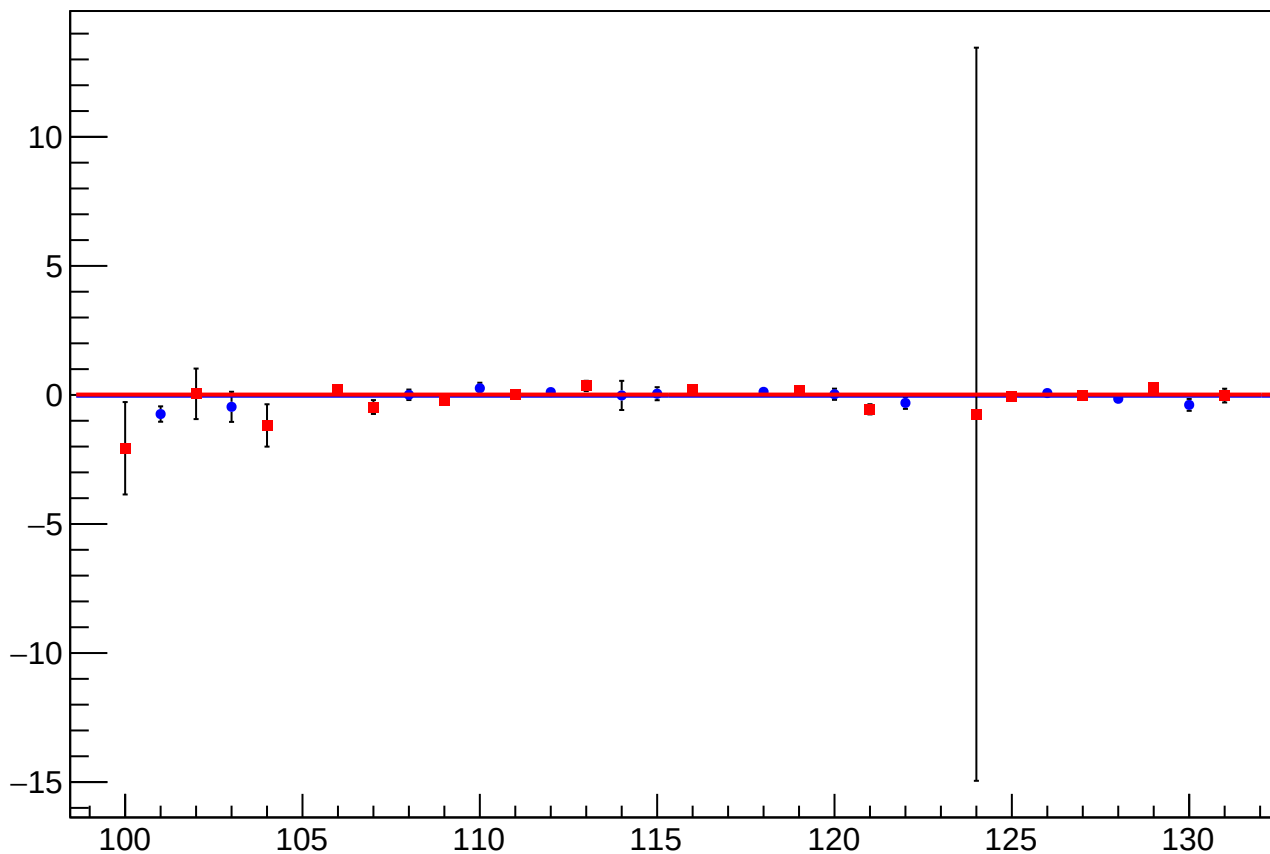
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.499+/-0.028 χ^2/NDF : 2678836.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.031 ± 0.061 χ^2/NDF : 14.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.015 ± 0.053 χ^2/NDF : 26.5/15

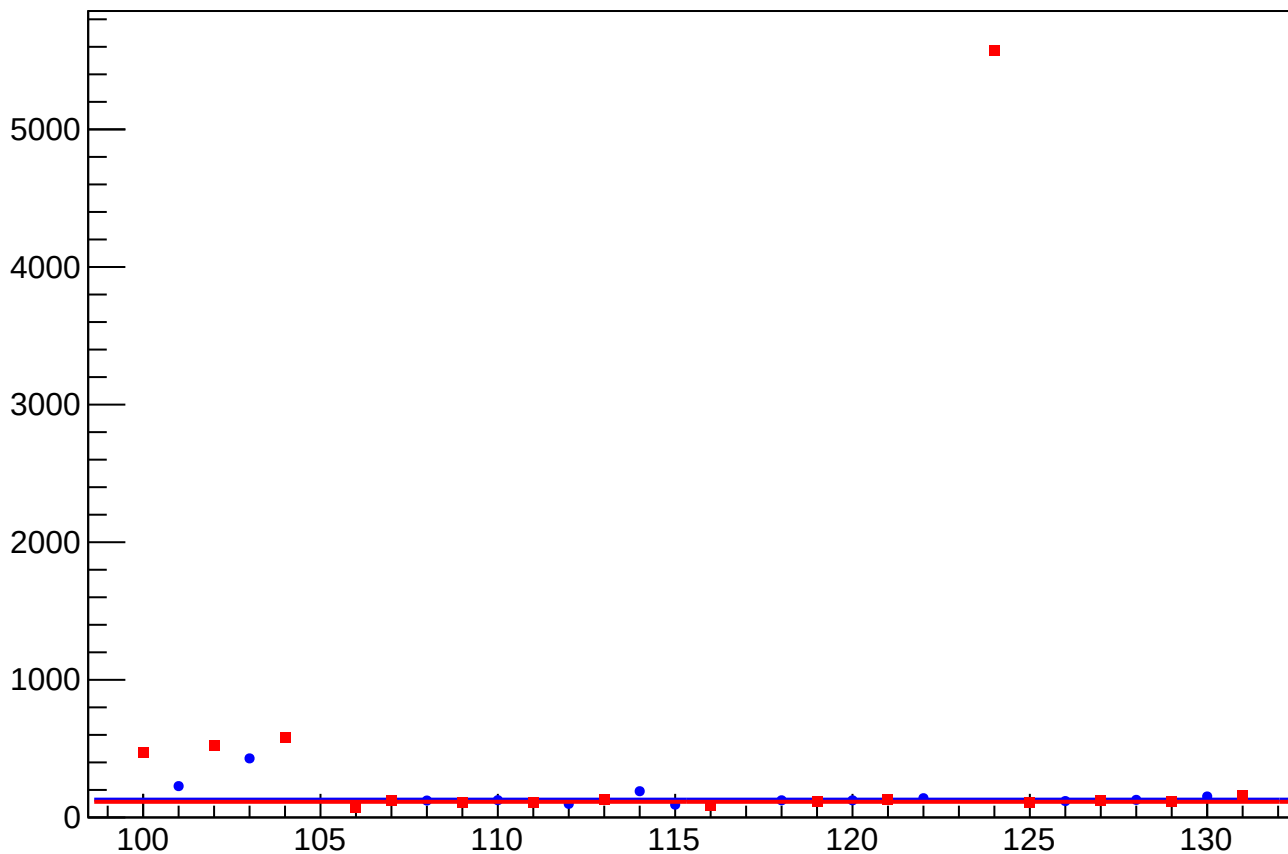
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.005 ± 0.040 χ^2/NDF : 41.3/28

- 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: 129.438+/-0.043 χ^2/NDF : 931269.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.745+/-0.037 χ^2/NDF : 1670994.8/15

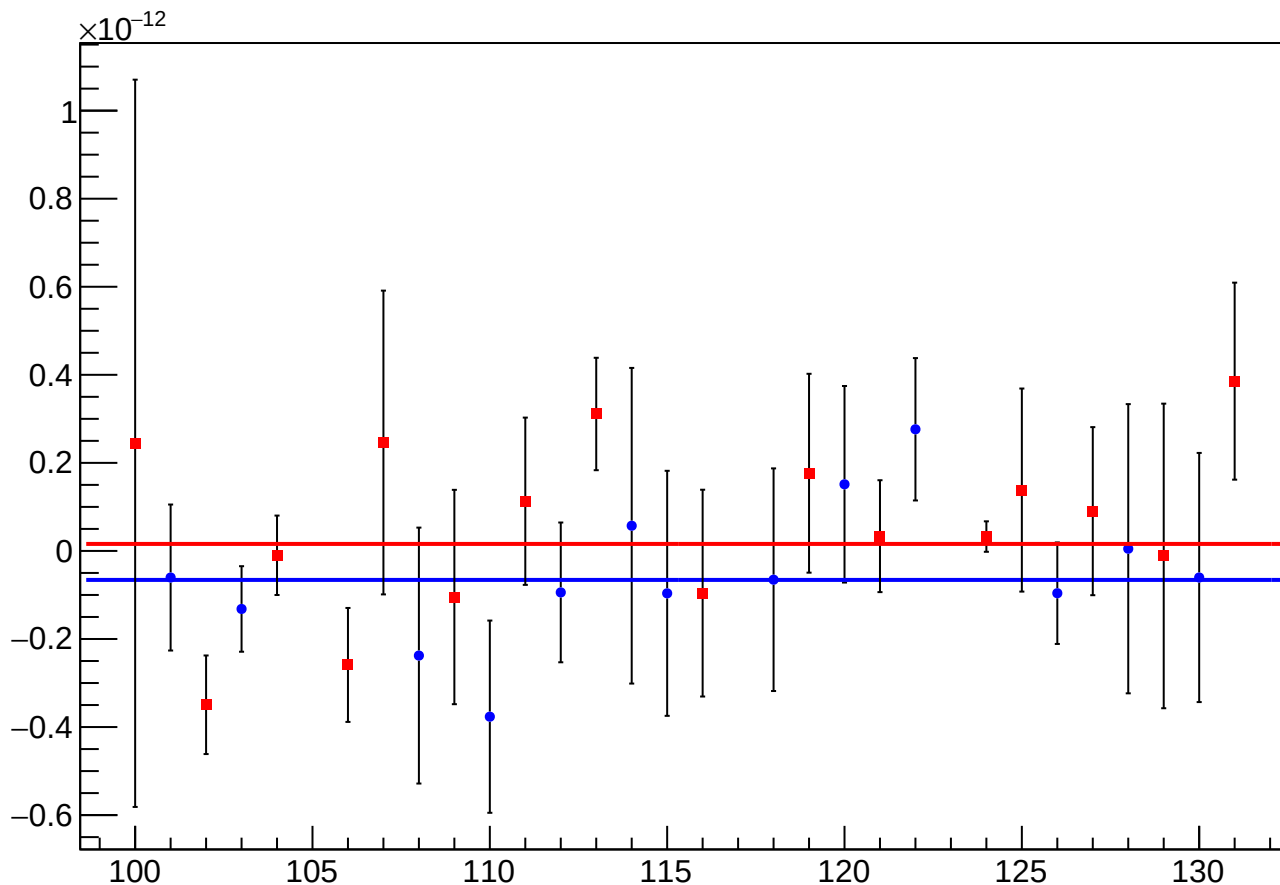
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.499+/-0.028 χ^2/NDF : 2678836.8/28

- sign 0.000+/-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 : 8.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 25.8/15

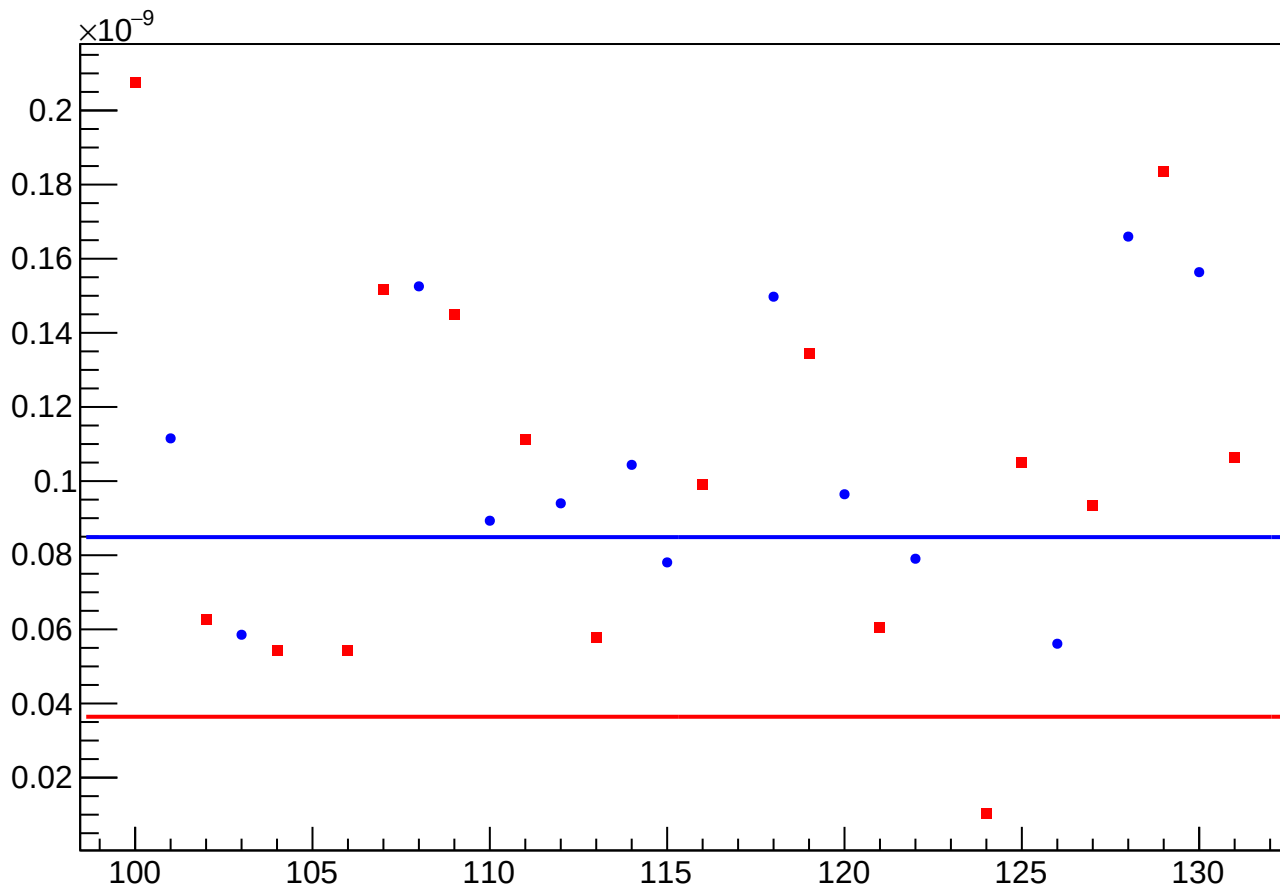
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 36.4/28

- 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 : 835352.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3951234.1/15

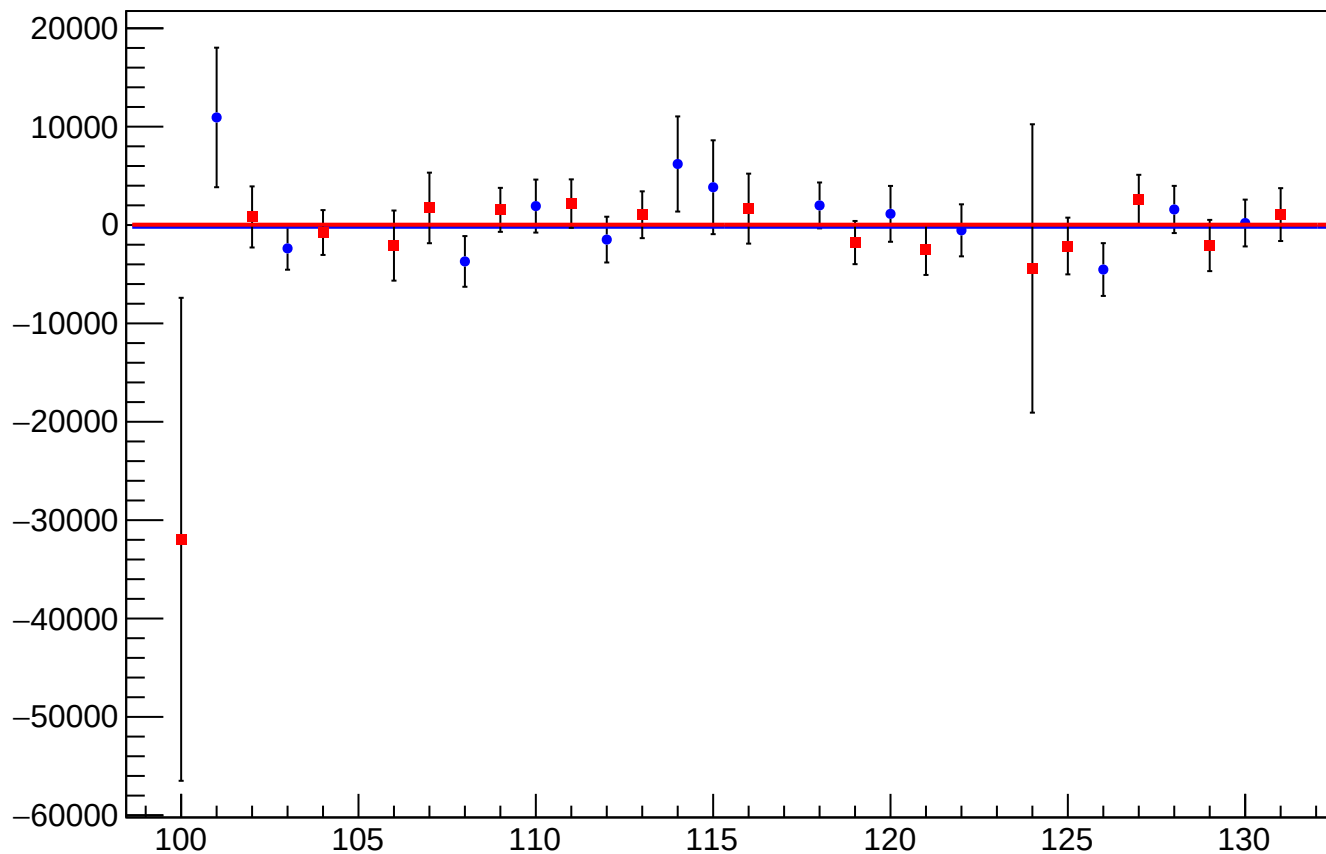
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6263824.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_mean vs Slug



Right In: -176.497+/-759.671 χ^2 /NDF: 13.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 34.796+/-706.108 χ^2 /NDF: 8.3/15

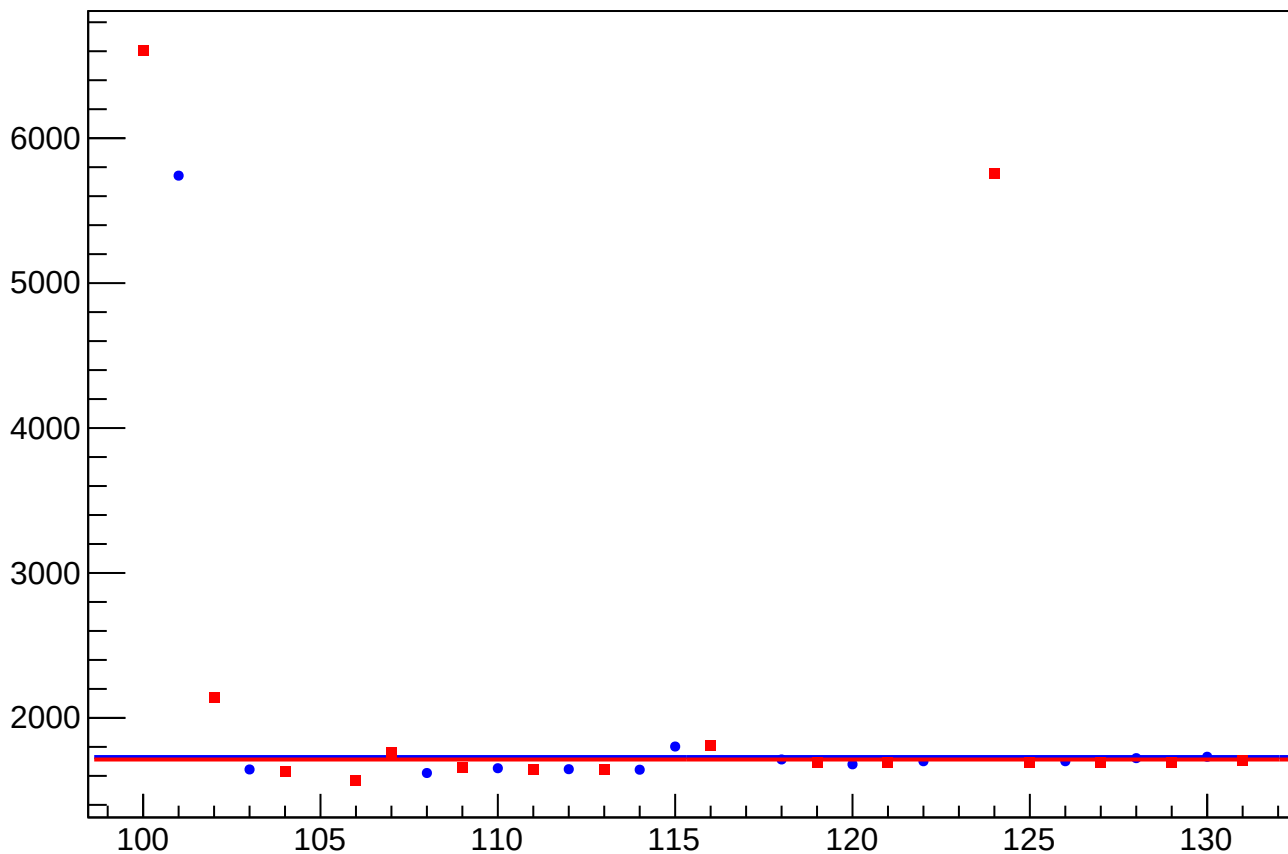
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -63.140+/-517.194 χ^2 /NDF: 21.3/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_dd_rms vs Slug



Right In: 1729.925 $\pm$ 0.537 χ^2 /NDF: 653109.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1712.955 $\pm$ 0.495 χ^2 /NDF: 284061.5/15

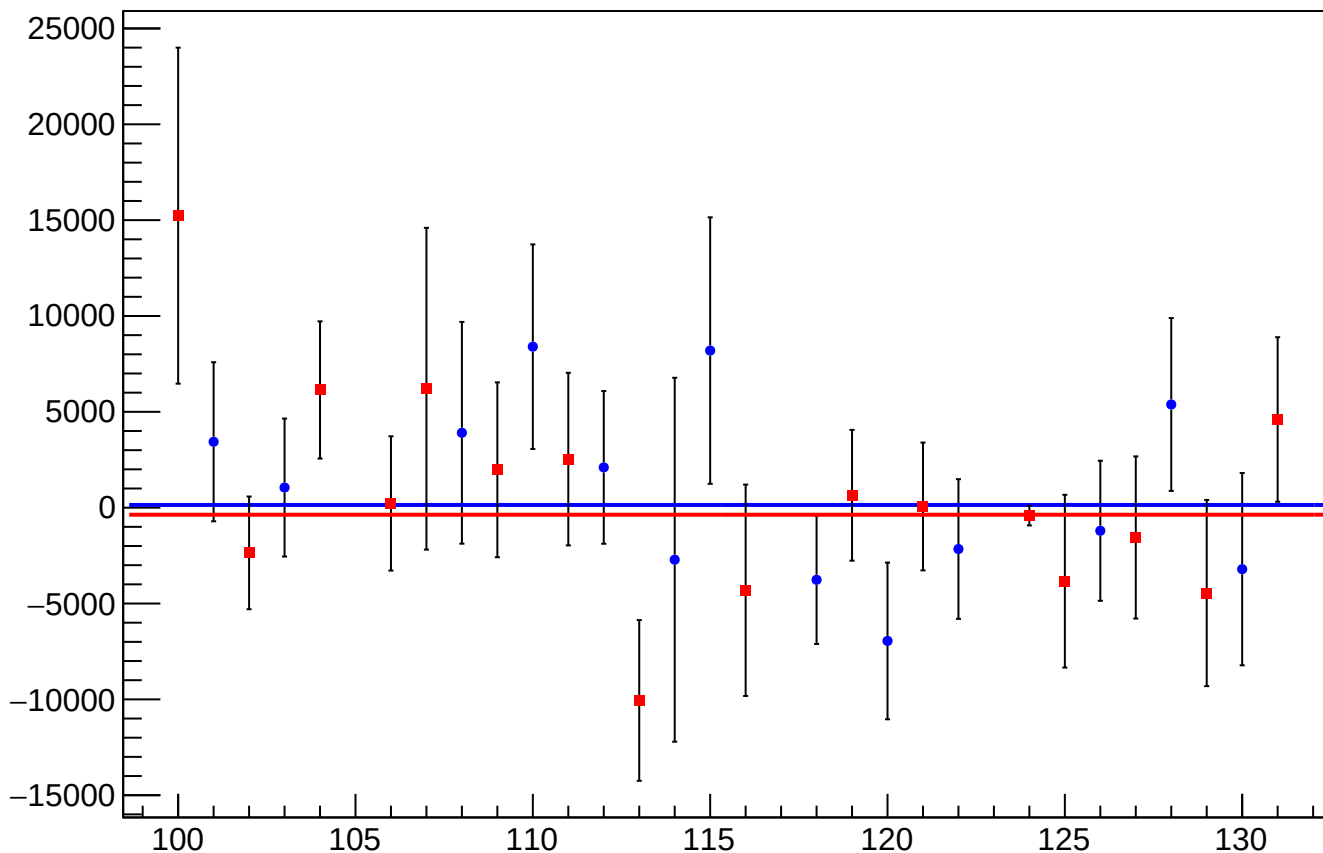
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1720.749 $\pm$ 0.364 χ^2 /NDF: 937710.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_reg_correction_mean vs Slug



Right In: 142.296 $\pm$ 1209.722 χ^2 /NDF: 11.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -367.623 $\pm$ 461.802 χ^2 /NDF: 16.9/15

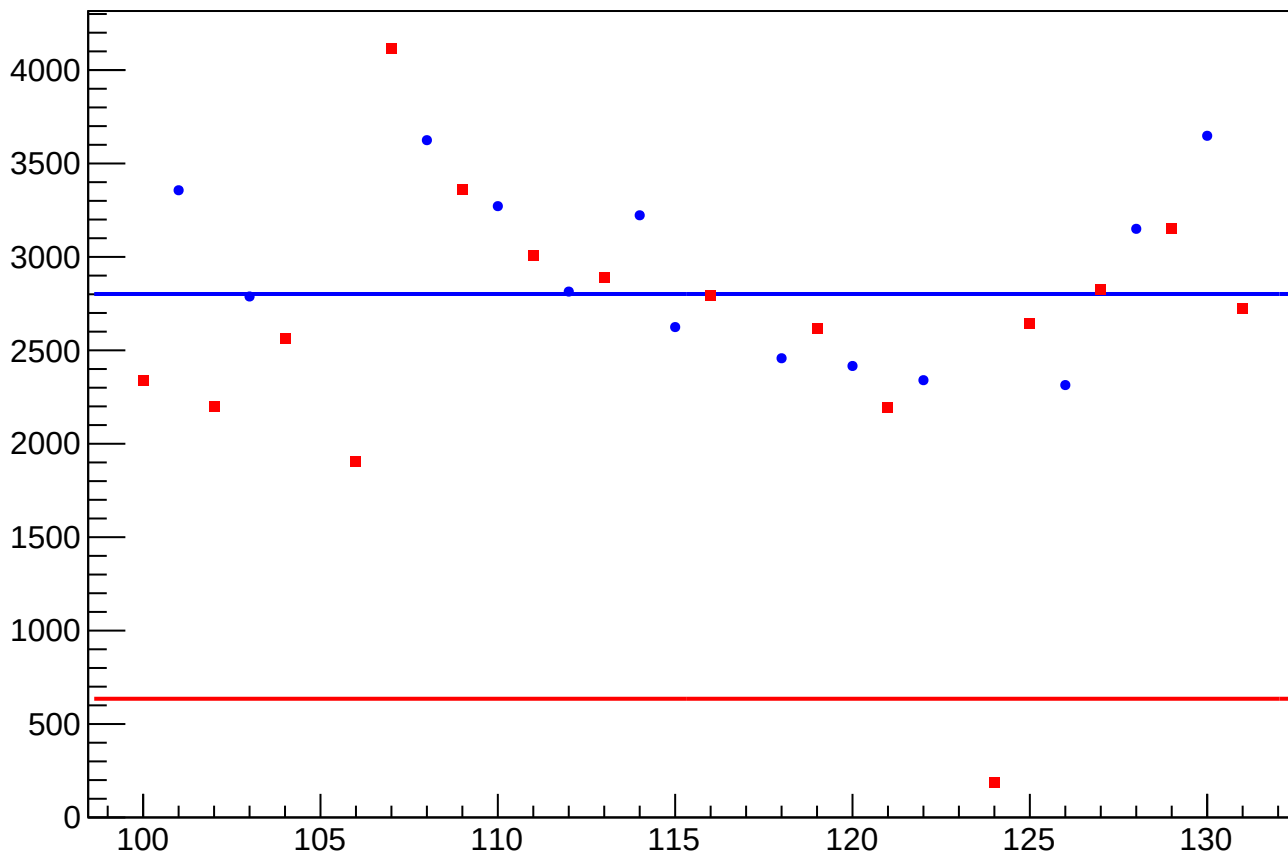
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -302.765 $\pm$ 431.435 χ^2 /NDF: 29.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_reg_correction_rms vs Slug



Right In: 2801.539+/-0.855 χ^2/NDF : 272599.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 635.282+/-0.327 χ^2/NDF : 8560582.8/15

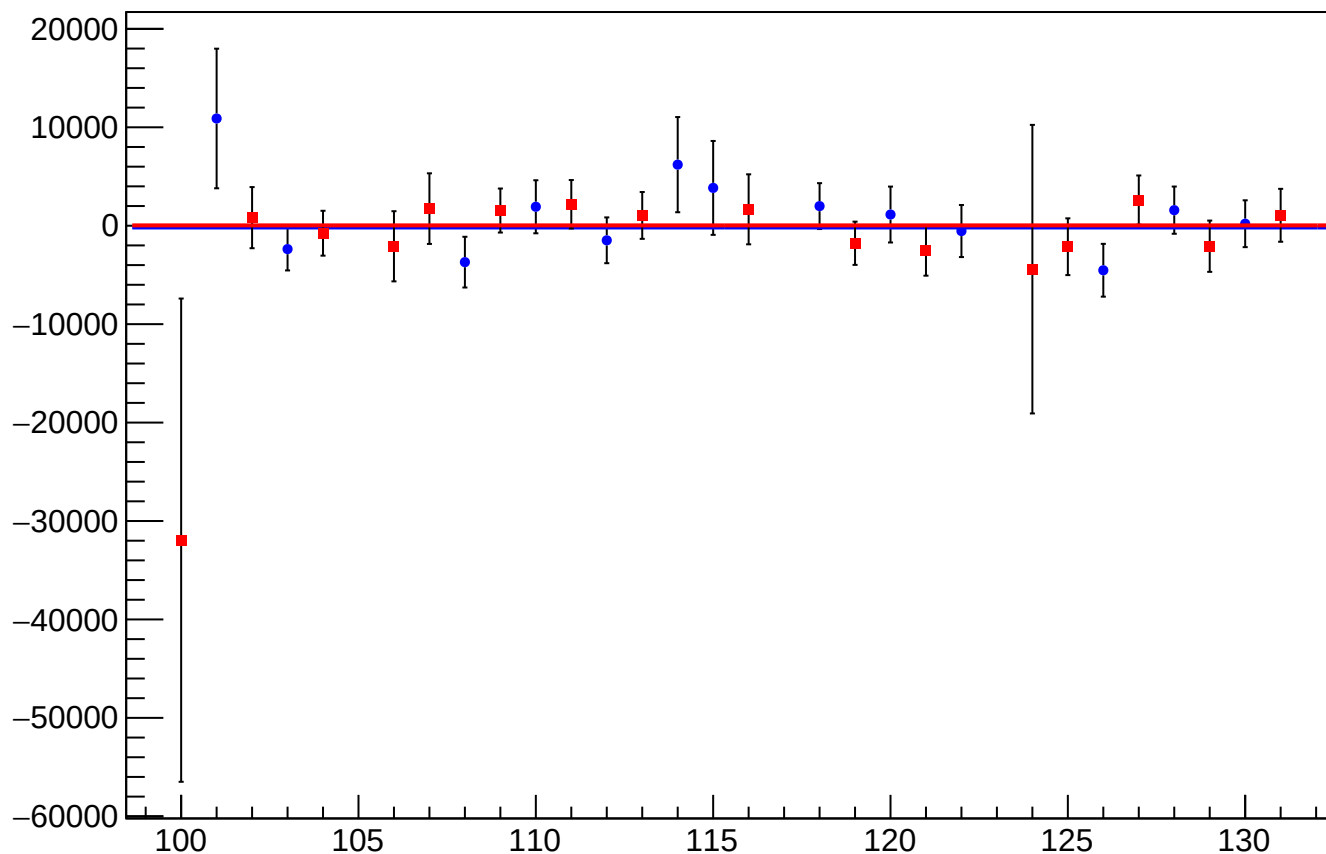
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 910.812+/-0.305 χ^2/NDF : 14430721.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr1l2_dd_mean vs Slug



Right In: -177.095+/-759.672 χ^2 /NDF: 13.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 34.663+/-706.108 χ^2 /NDF: 8.3/15

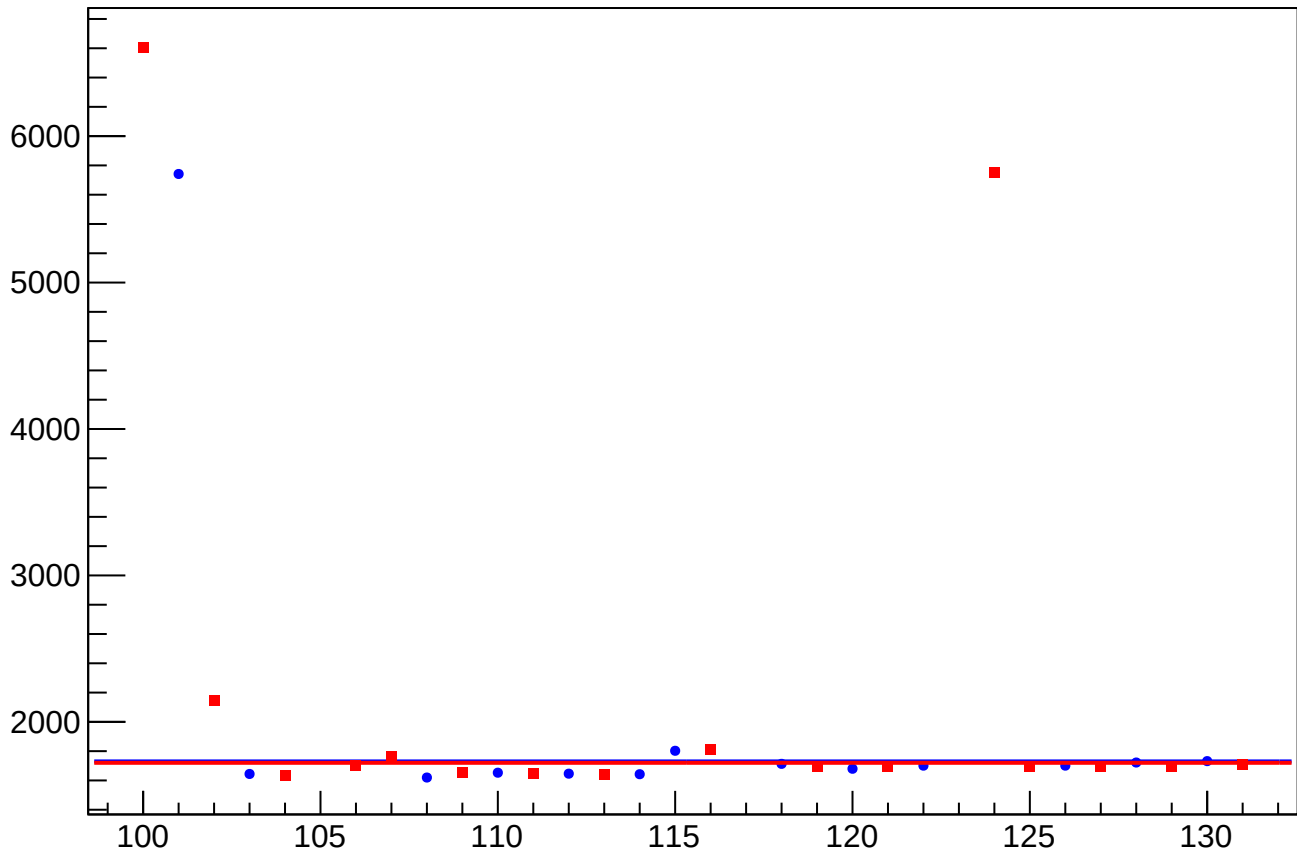
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -63.488+/-517.194 χ^2 /NDF: 21.3/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_atr1l2_dd_rms vs Slug



Right In: 1729.924+/-0.537 χ^2/NDF : 653109.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1720.505+/-0.497 χ^2/NDF : 279109.3/15

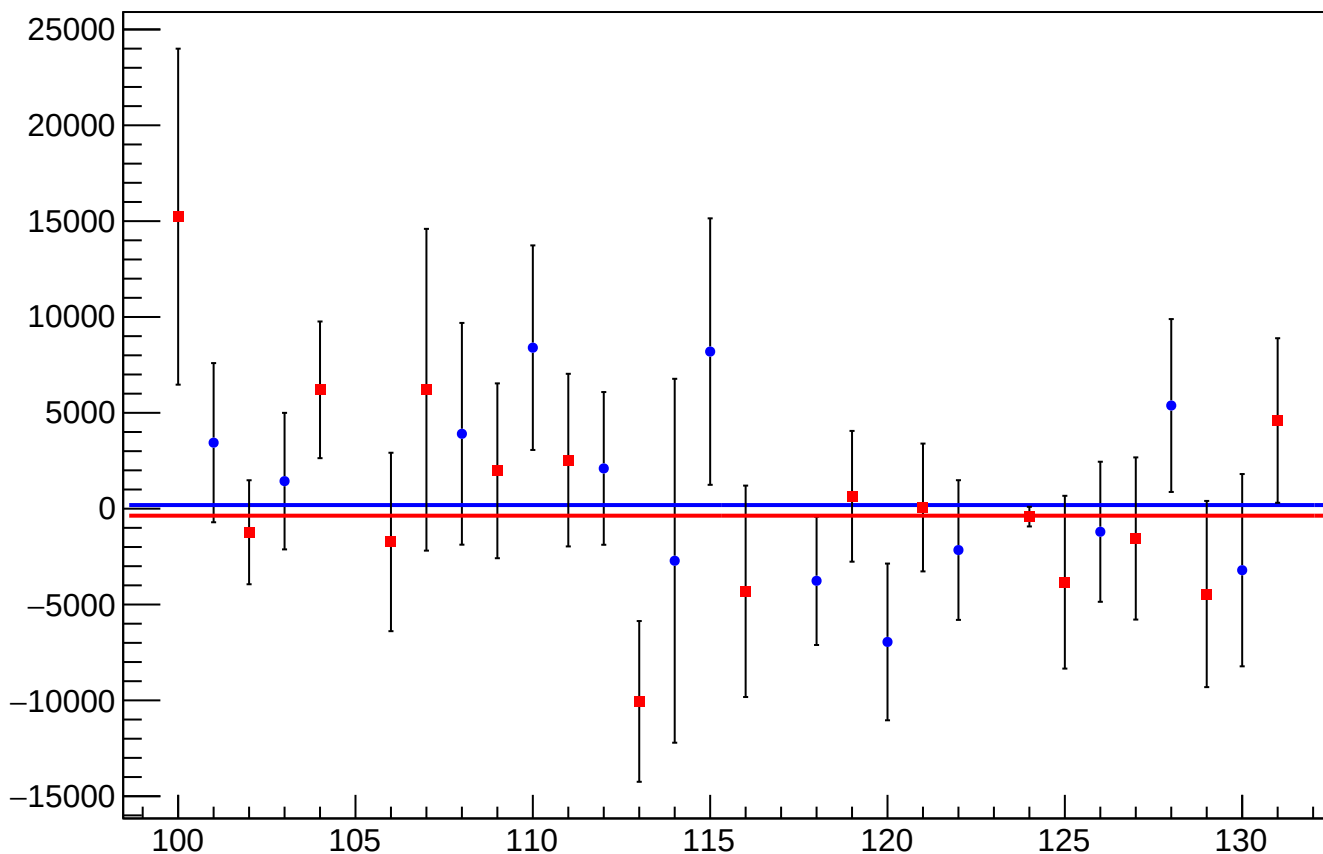
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1724.851+/-0.365 χ^2/NDF : 932384.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_cor_correction_mean vs Slug



Right In: 188.846 ± 1208.346 χ^2/NDF : 12.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -365.359 ± 462.740 χ^2/NDF : 16.7/15

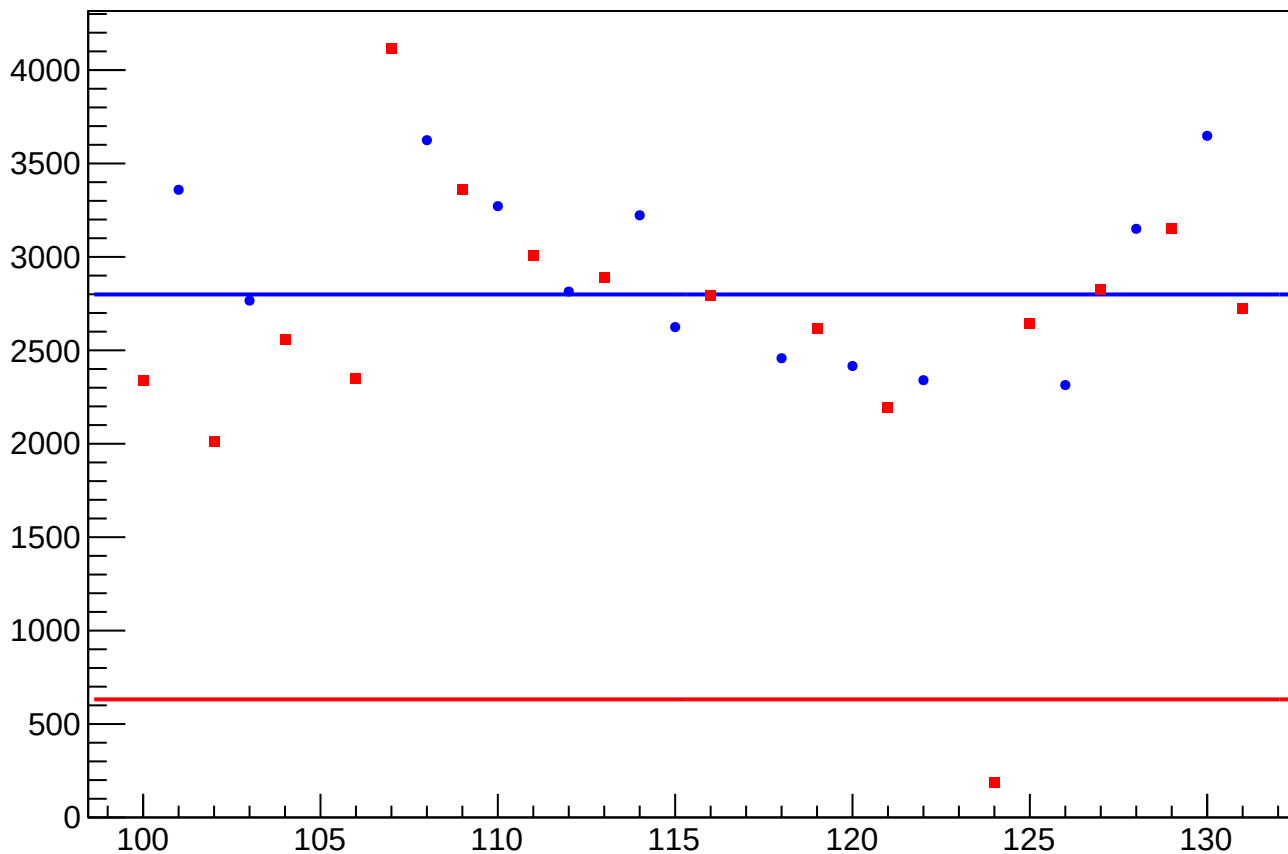
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -294.478 ± 432.136 χ^2/NDF : 28.9/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_cor_correction_rms vs Slug



Right In: 2799.117+/-0.854 χ^2/NDF : 273044.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 631.952+/-0.327 χ^2/NDF : 8514258.5/15

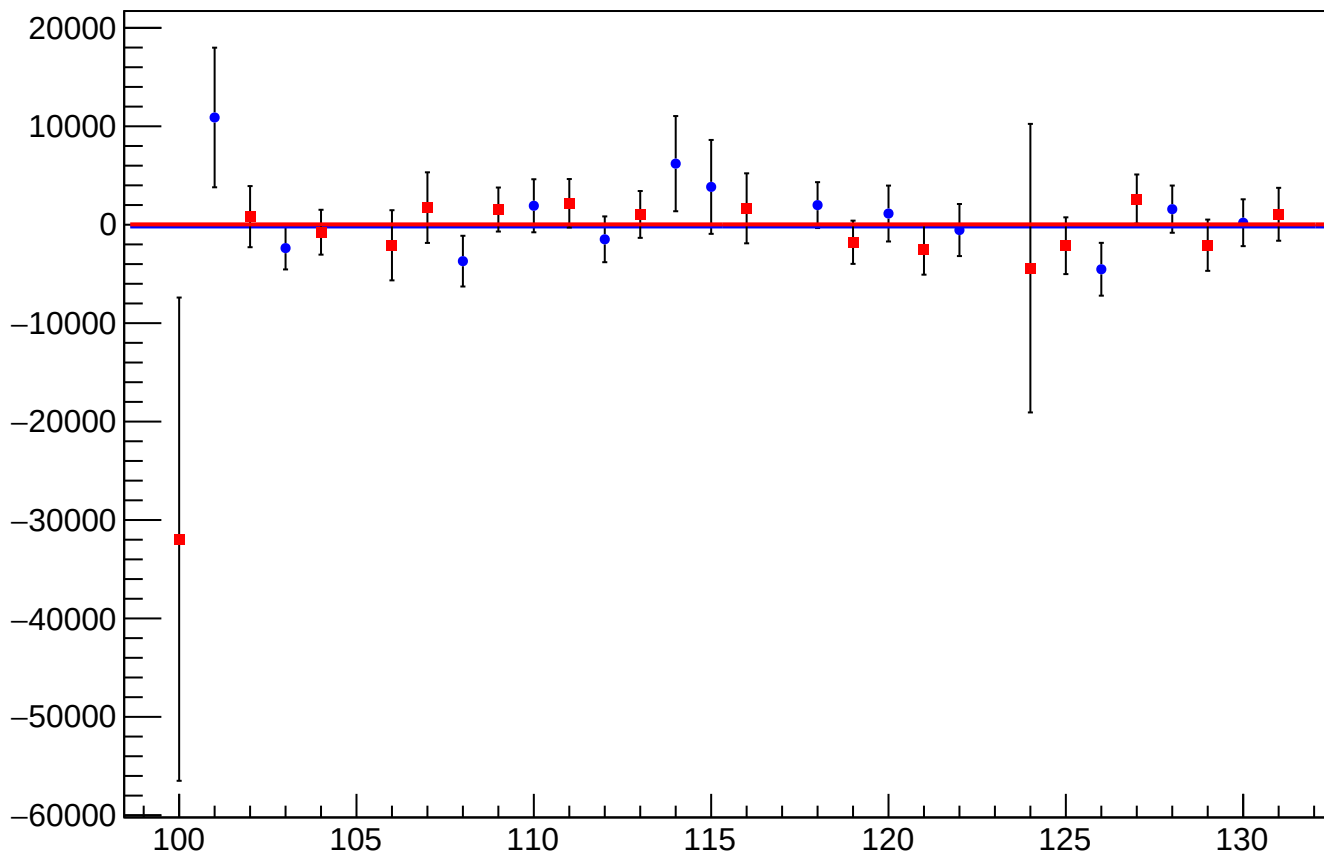
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 909.125+/-0.306 χ^2/NDF : 14397770.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr1l2_dd_mean vs Slug



Right In: -177.095+/-759.672 χ^2 /NDF: 13.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 34.663+/-706.108 χ^2 /NDF: 8.3/15

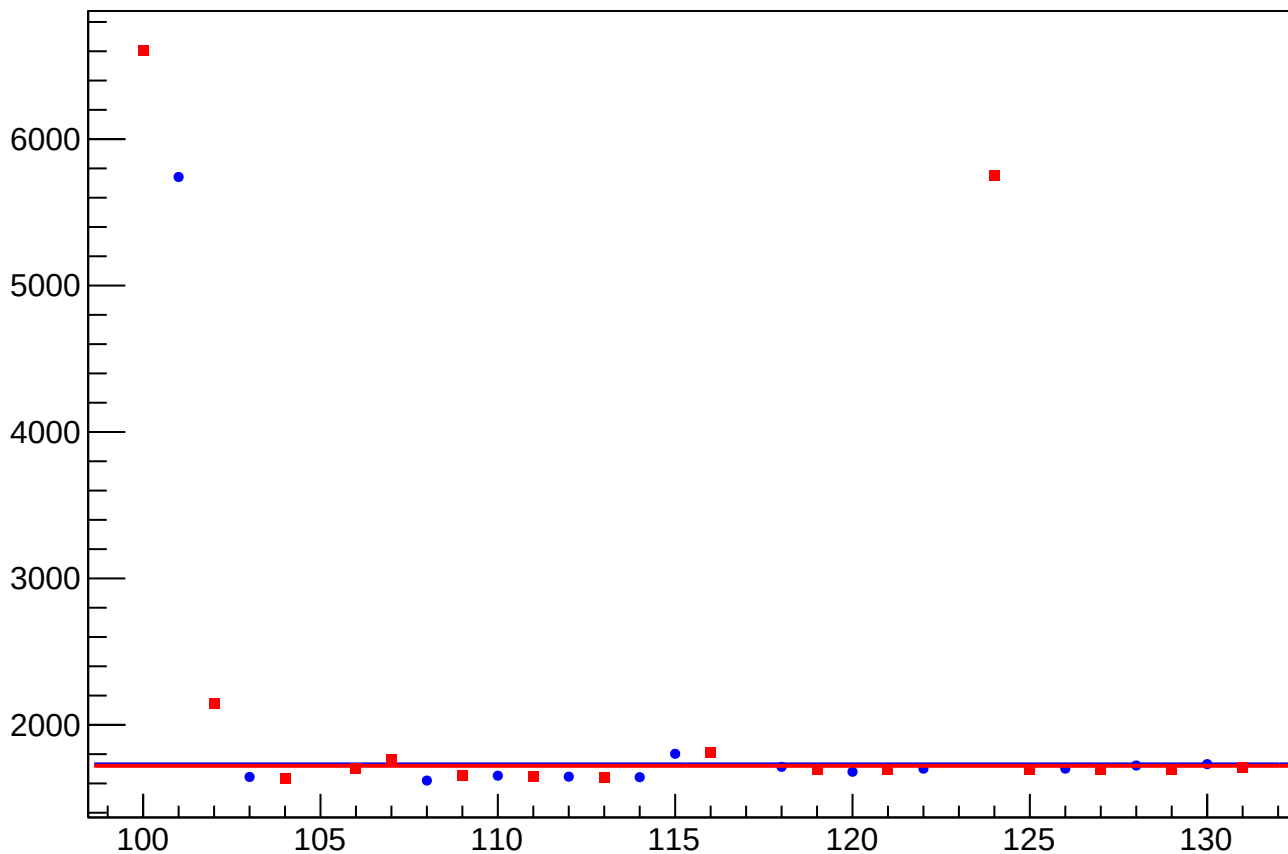
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -63.488+/-517.194 χ^2 /NDF: 21.3/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atr1l2_dd_rms vs Slug



Right In: 1729.924+/-0.537 χ^2/NDF : 653109.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1720.505+/-0.497 χ^2/NDF : 279109.3/15

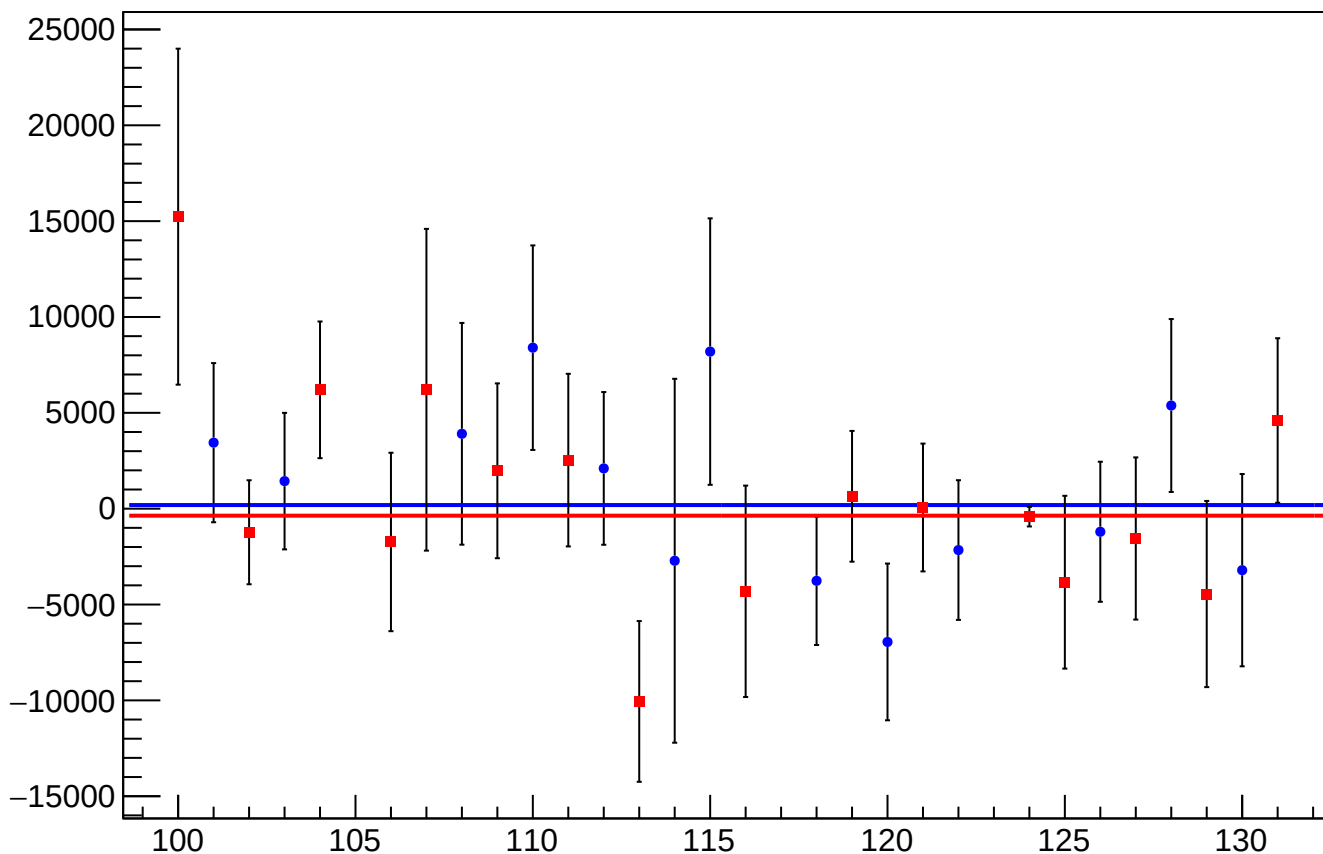
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1724.851+/-0.365 χ^2/NDF : 932384.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_cor_correction_mean vs Slug



Right In: 188.846 $\pm$ 1208.346 χ^2 /NDF: 12.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -365.359 $\pm$ 462.740 χ^2 /NDF: 16.7/15

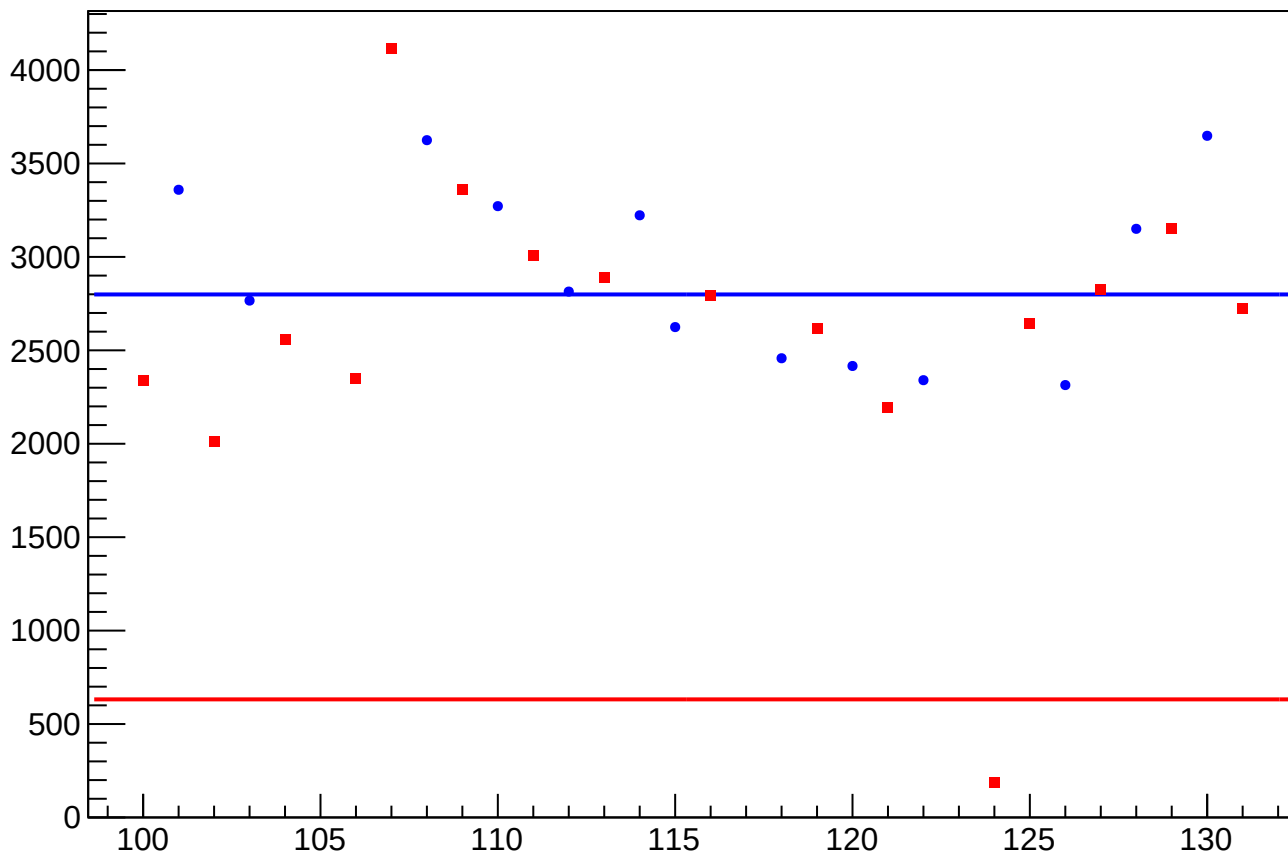
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -294.478 $\pm$ 432.136 χ^2 /NDF: 28.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_eigen_cor_correction_rms vs Slug



Right In: 2799.117+/-0.854 χ^2/NDF : 273044.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

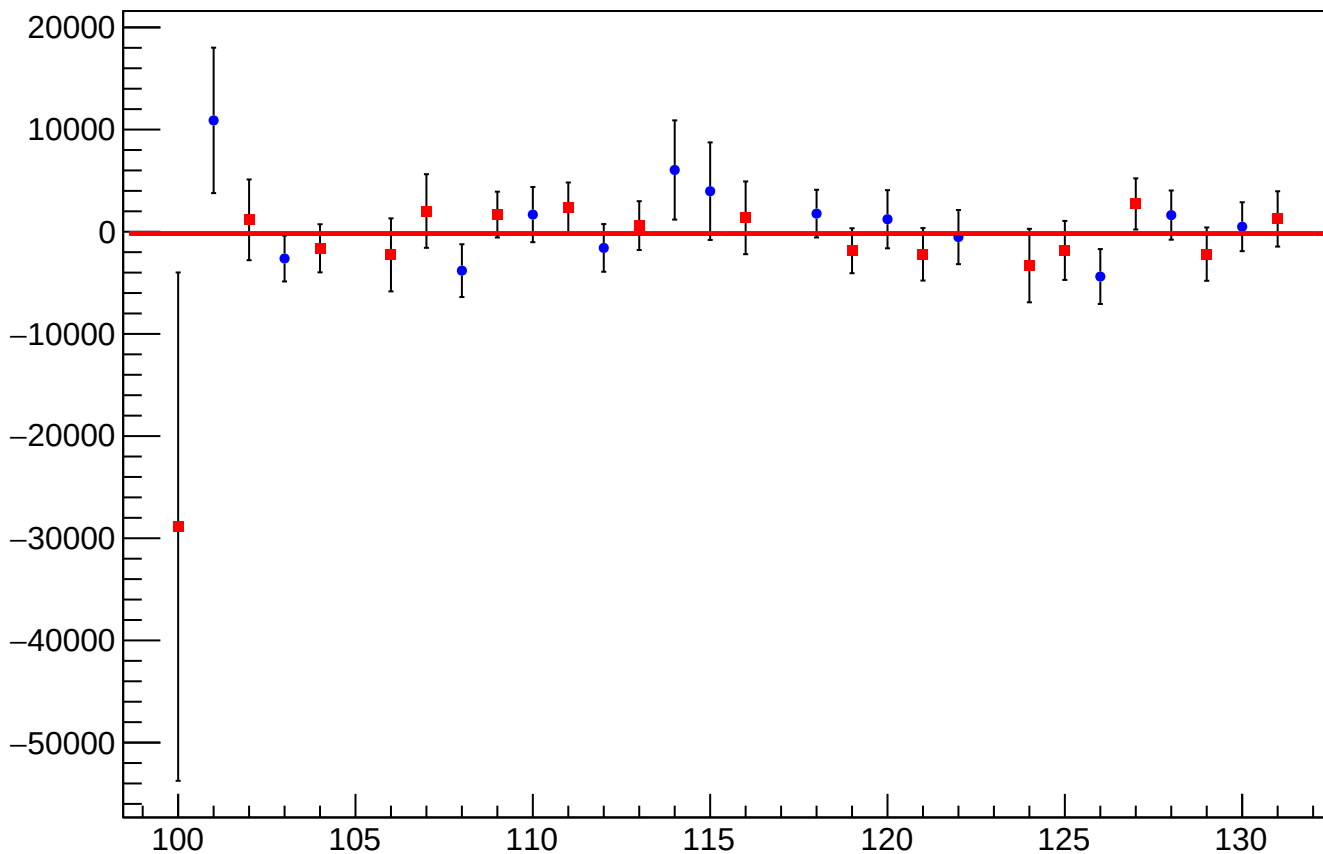
Right Out: 631.952+/-0.327 χ^2/NDF : 8514258.5/15

All: 909.125+/-0.306 χ^2/NDF : 14397770.6/28

- 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_dd_mean vs Slug



Right In: -199.669+/-764.886 χ^2 /NDF: 12.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -129.692+/-704.114 χ^2 /NDF: 9.1/15

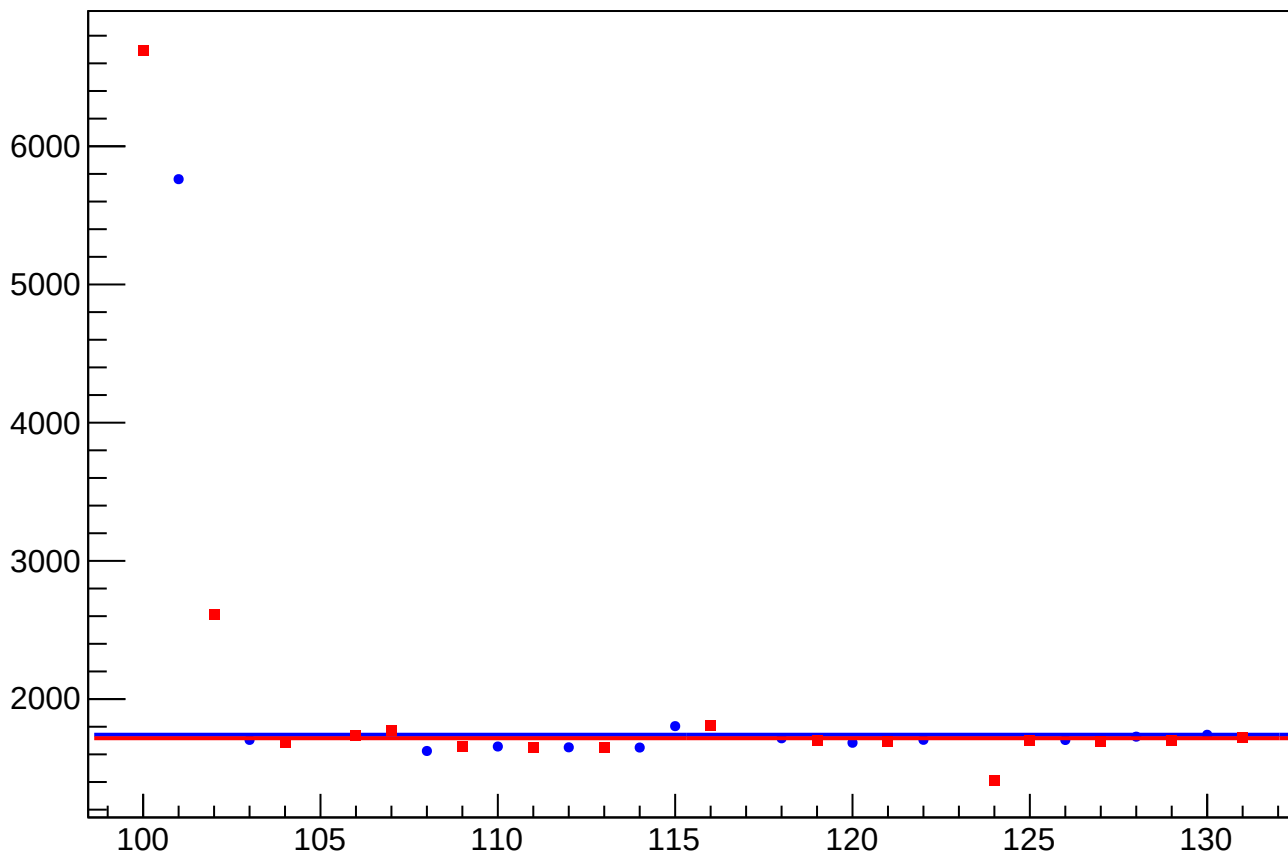
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -161.791+/-518.038 χ^2 /NDF: 21.9/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_asym_atr1l2_dd_rms vs Slug



Right In: 1742.048 $\pm$ 0.541 χ^2 /NDF: 650536.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1716.758 $\pm$ 0.496 χ^2 /NDF: 204872.3/15

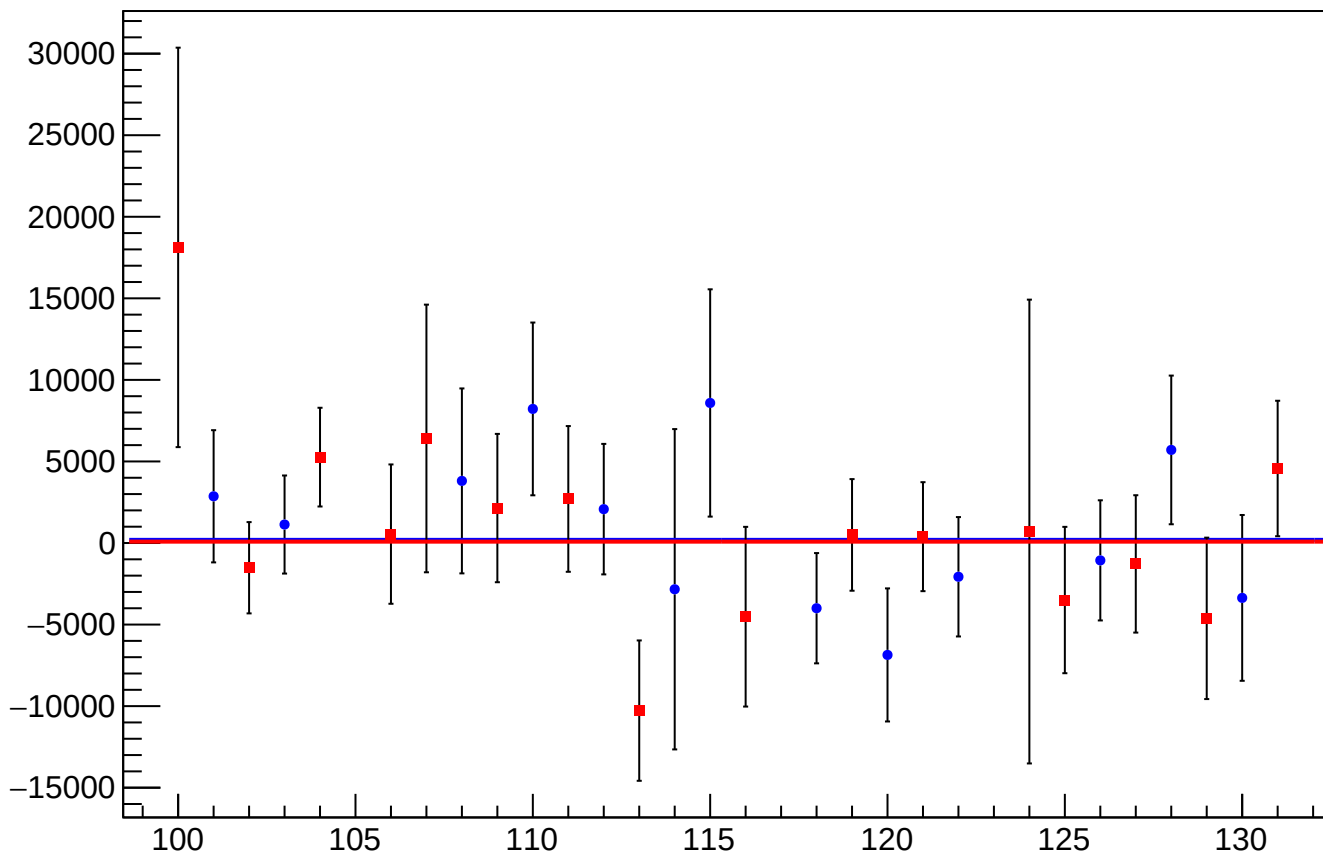
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1728.317 $\pm$ 0.366 χ^2 /NDF: 856596.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_dit_correction_mean vs Slug



Right In: 193.089 $\pm$ 1182.928 χ^2 /NDF: 12.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 83.013 $\pm$ 1063.786 χ^2 /NDF: 15.9/15

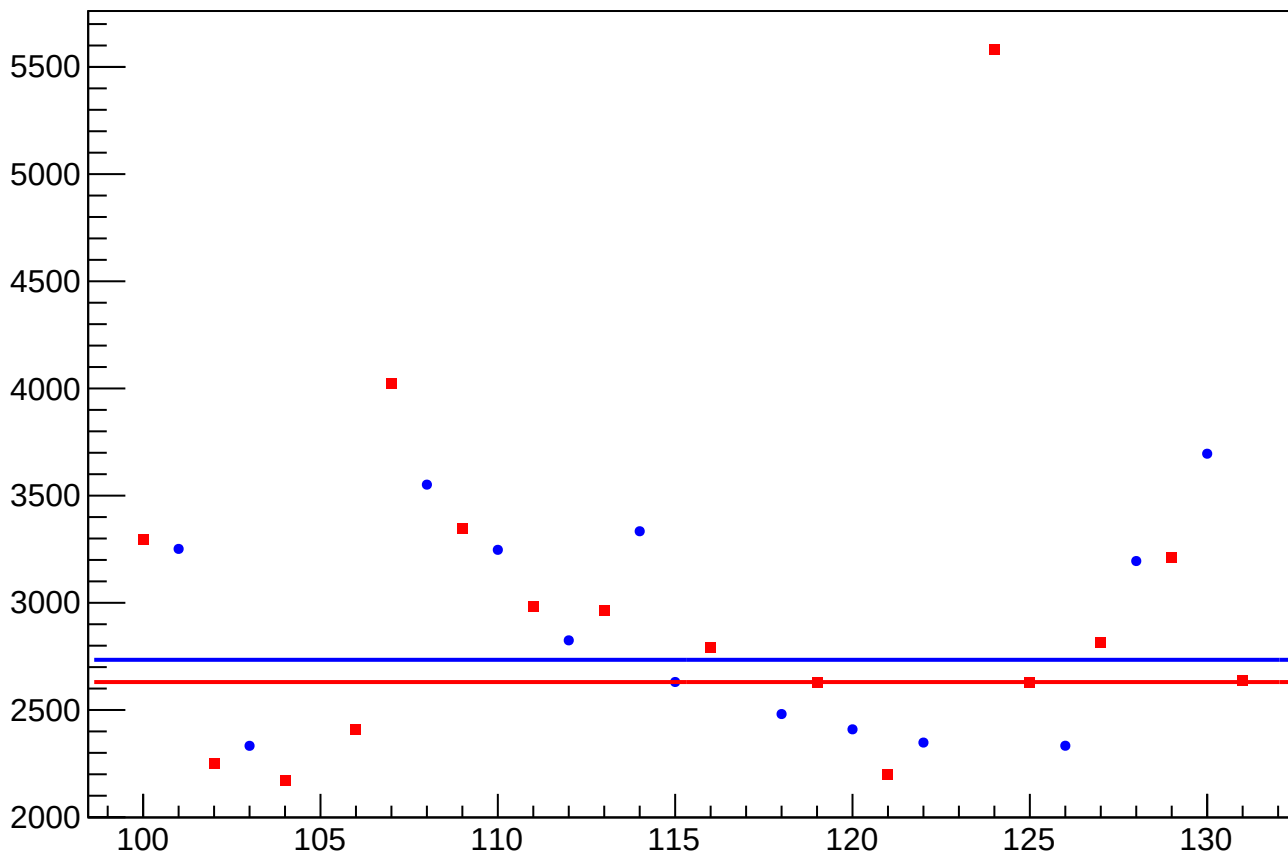
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 132.230 $\pm$ 790.988 χ^2 /NDF: 27.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_dit_correction_rms vs Slug



Right In: 2734.066+/-0.836 χ^2/NDF : 299336.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

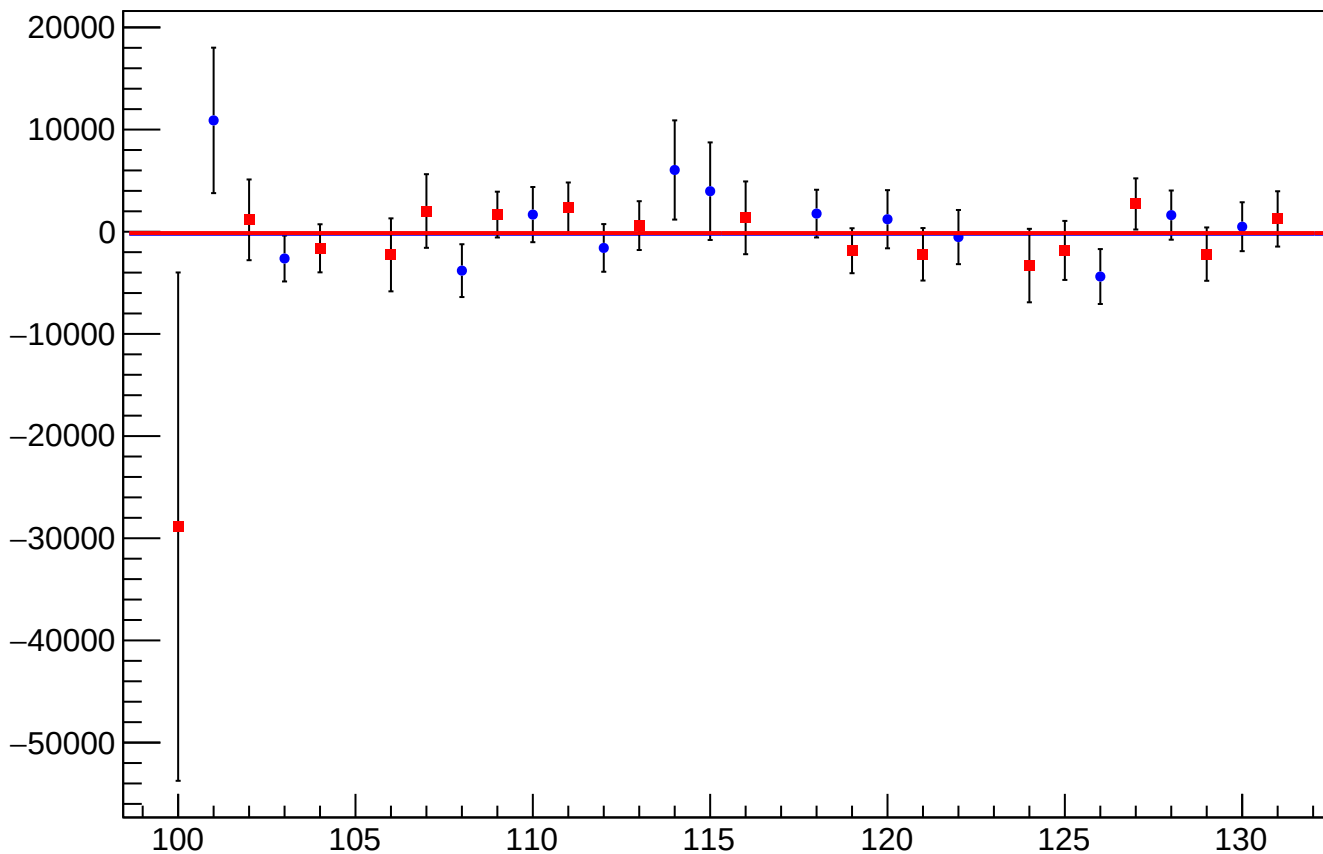
Right Out: 2630.297+/-0.752 χ^2/NDF : 378728.0/15

All: 2676.694+/-0.559 χ^2/NDF : 686573.3/28

- 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_atr1l2_dd_mean vs Slug



Right In: -199.674+/-764.886 χ^2 /NDF: 12.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -129.688+/-704.114 χ^2 /NDF: 9.1/15

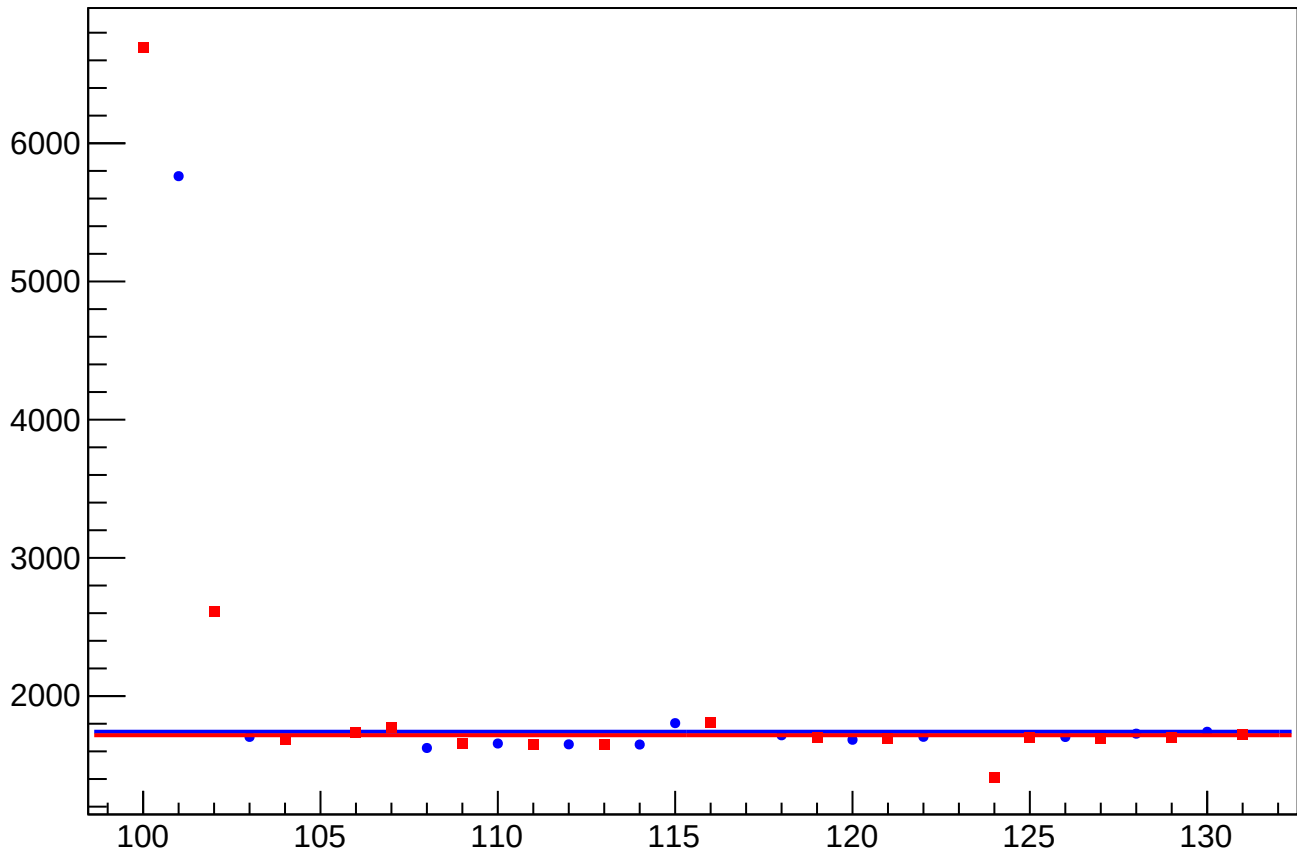
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -161.790+/-518.038 χ^2 /NDF: 21.9/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atr1l2_dd_rms vs Slug



Right In: 1742.048+/-0.541 χ^2/NDF : 650536.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1716.758+/-0.496 χ^2/NDF : 204872.3/15

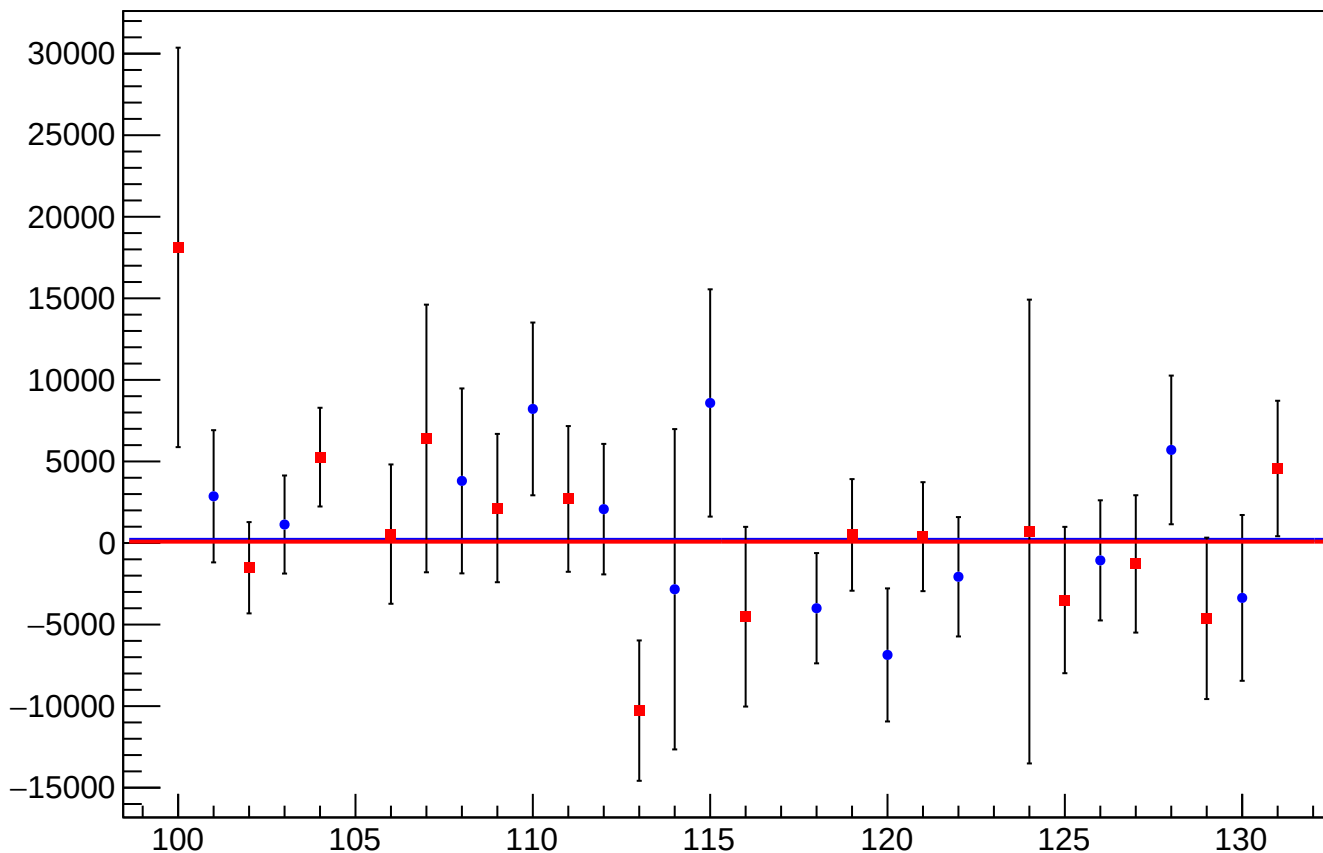
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1728.317+/-0.366 χ^2/NDF : 856596.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_dit_correction_mean vs Slug



Right In: 193.084 $\pm$ 1182.925 χ^2 /NDF: 12.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 83.014 $\pm$ 1063.784 χ^2 /NDF: 15.9/15

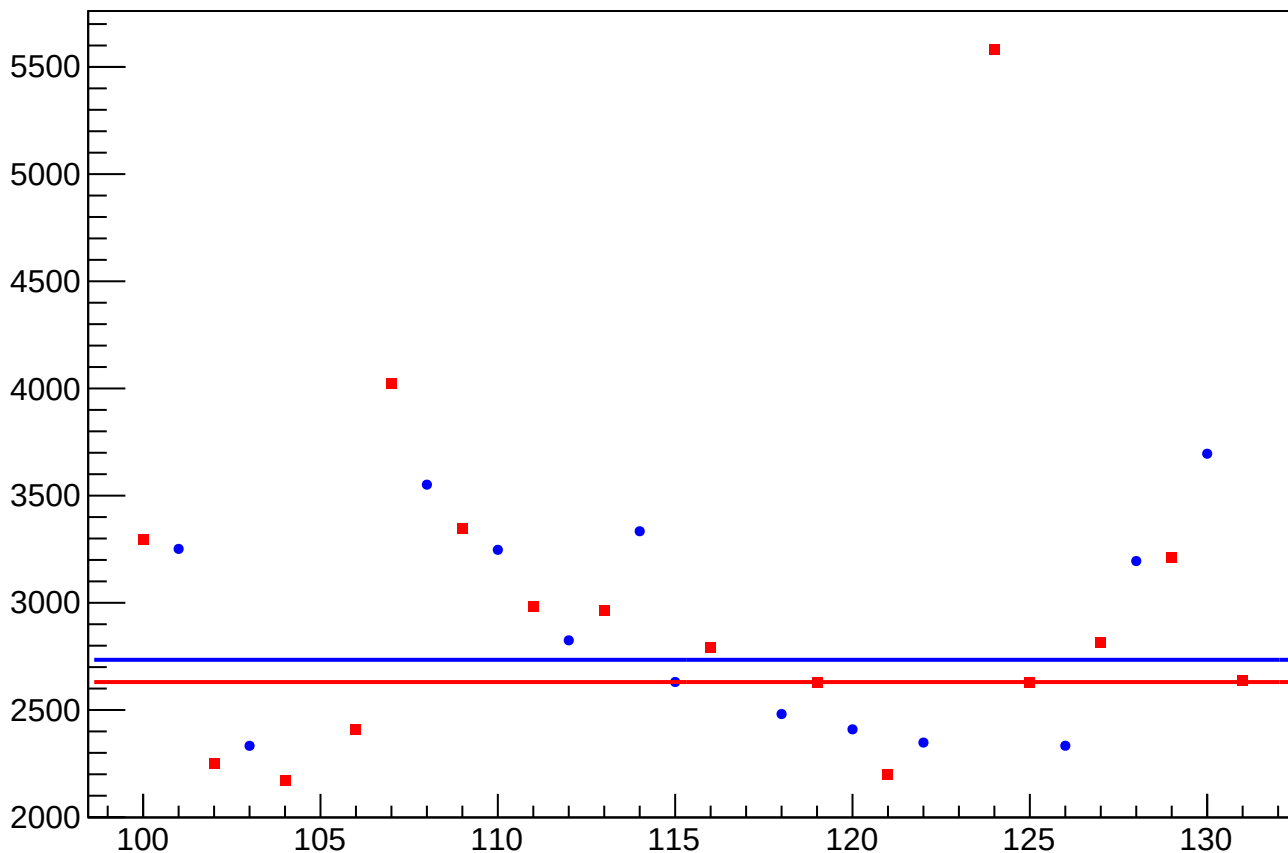
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 132.228 $\pm$ 790.986 χ^2 /NDF: 27.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_eigen_dit_correction_rms vs Slug



Right In: 2734.057 $\pm$ 0.836 χ^2 /NDF: 299336.4/12

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

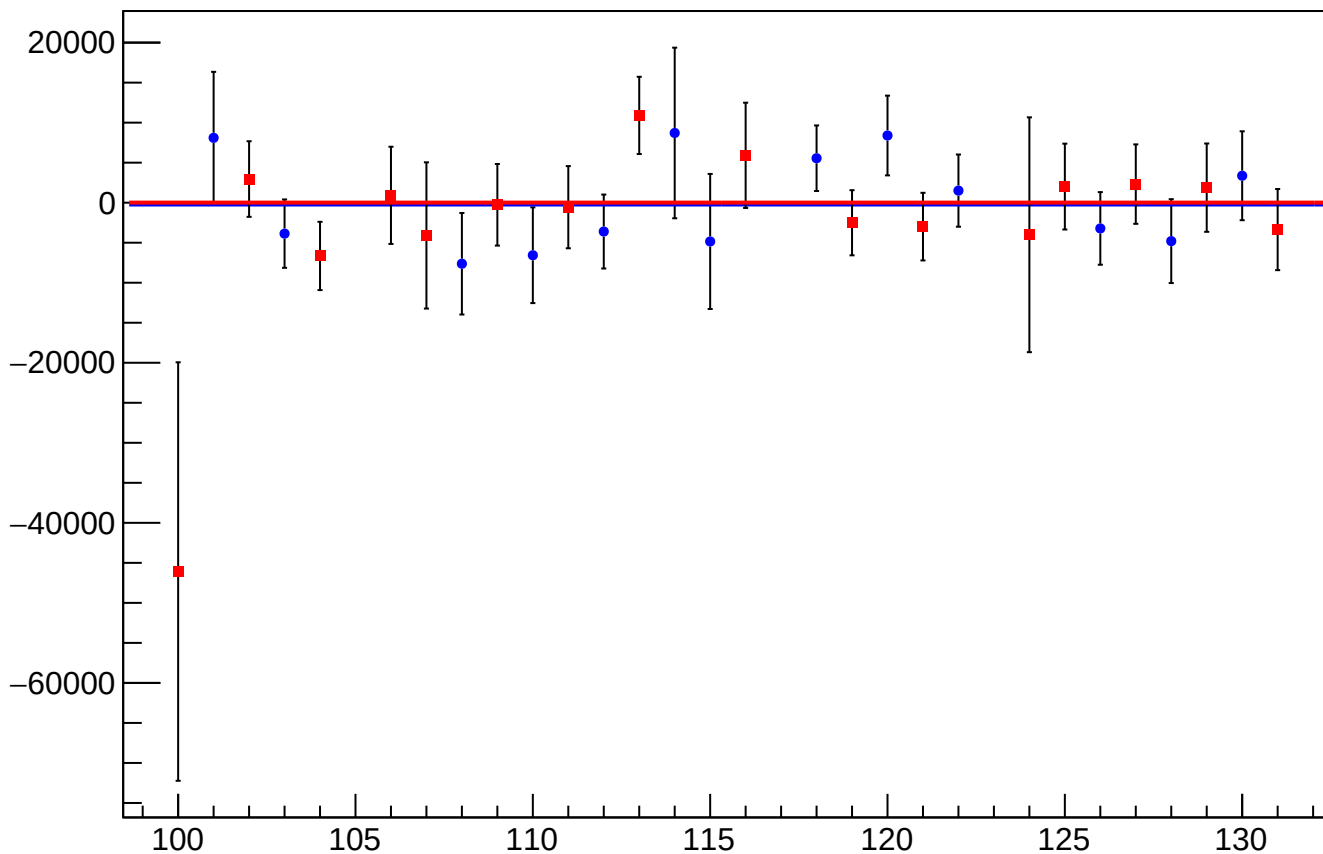
Right Out: 2630.292 $\pm$ 0.752 χ^2 /NDF: 378724.1/15

All: 2676.687 $\pm$ 0.559 χ^2 /NDF: 686569.0/28

- 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_dd_mean vs Slug



Right In: -228.170 $\pm$ 1476.688 χ^2 /NDF: 12.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.900 $\pm$ 1347.126 χ^2 /NDF: 14.0/15

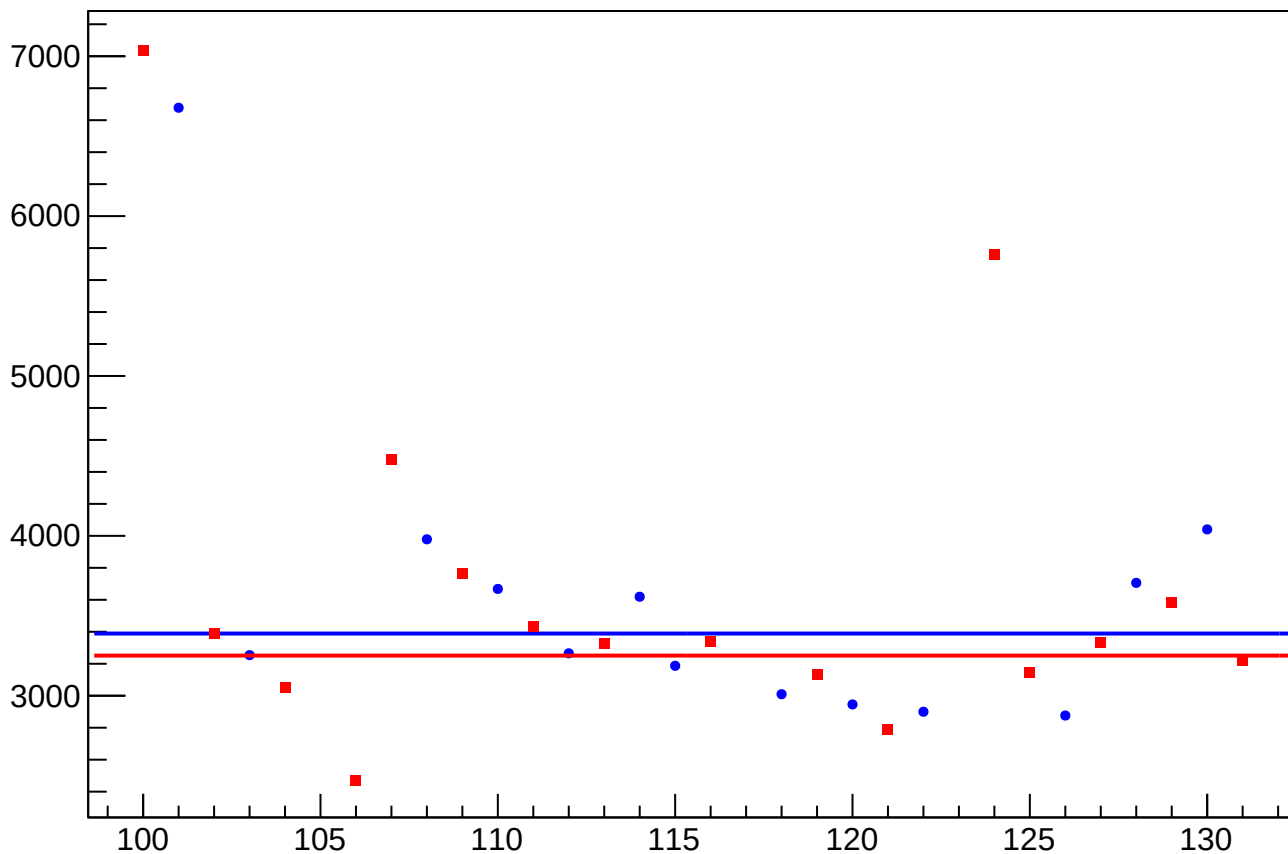
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -97.689 $\pm$ 995.220 χ^2 /NDF: 26.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_rms vs Slug



Right In: 3389.083+/-1.044 χ^2/NDF : 462248.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

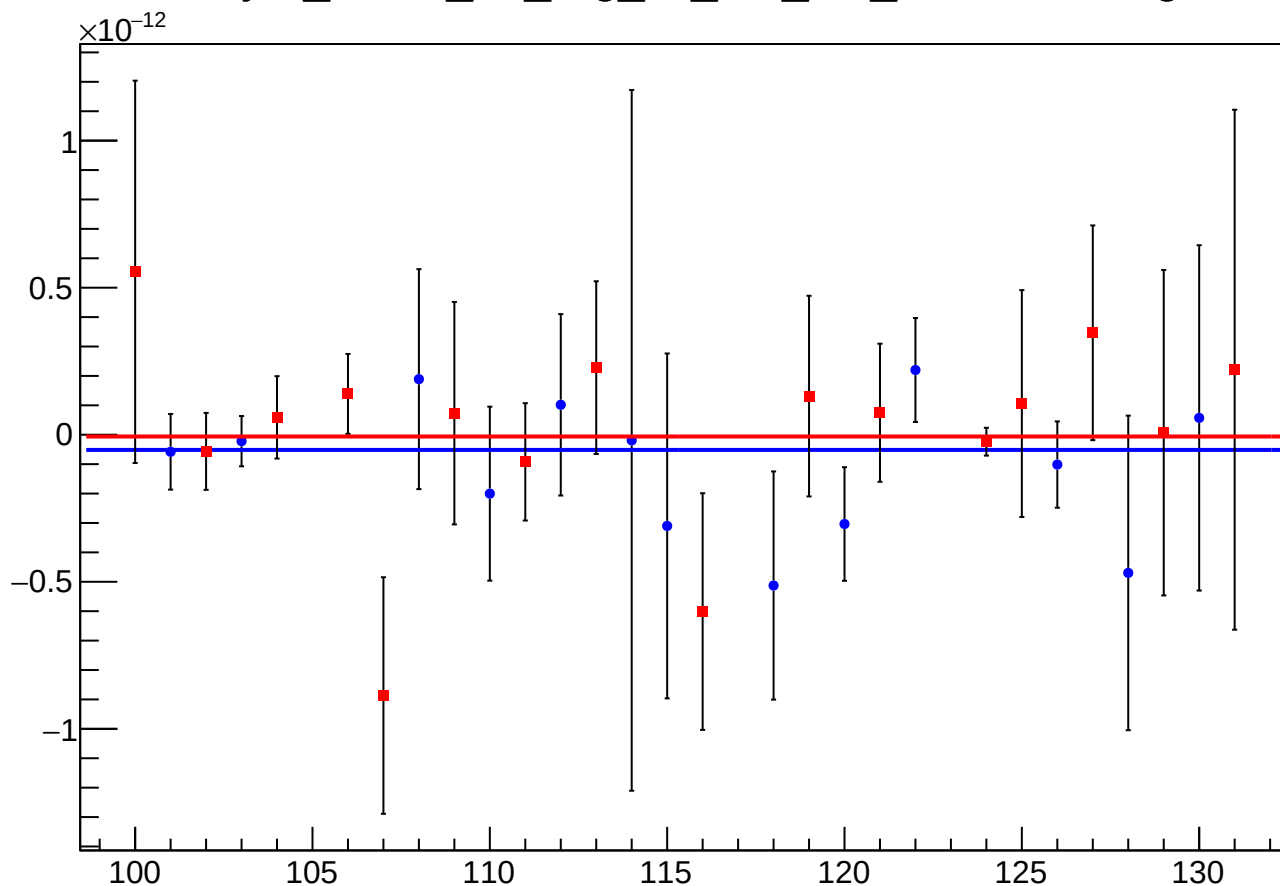
Right Out: 3251.078+/-0.938 χ^2/NDF : 254713.2/15

All: 3312.694+/-0.698 χ^2/NDF : 726631.0/28

- 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_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 7.5/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 11.6/15

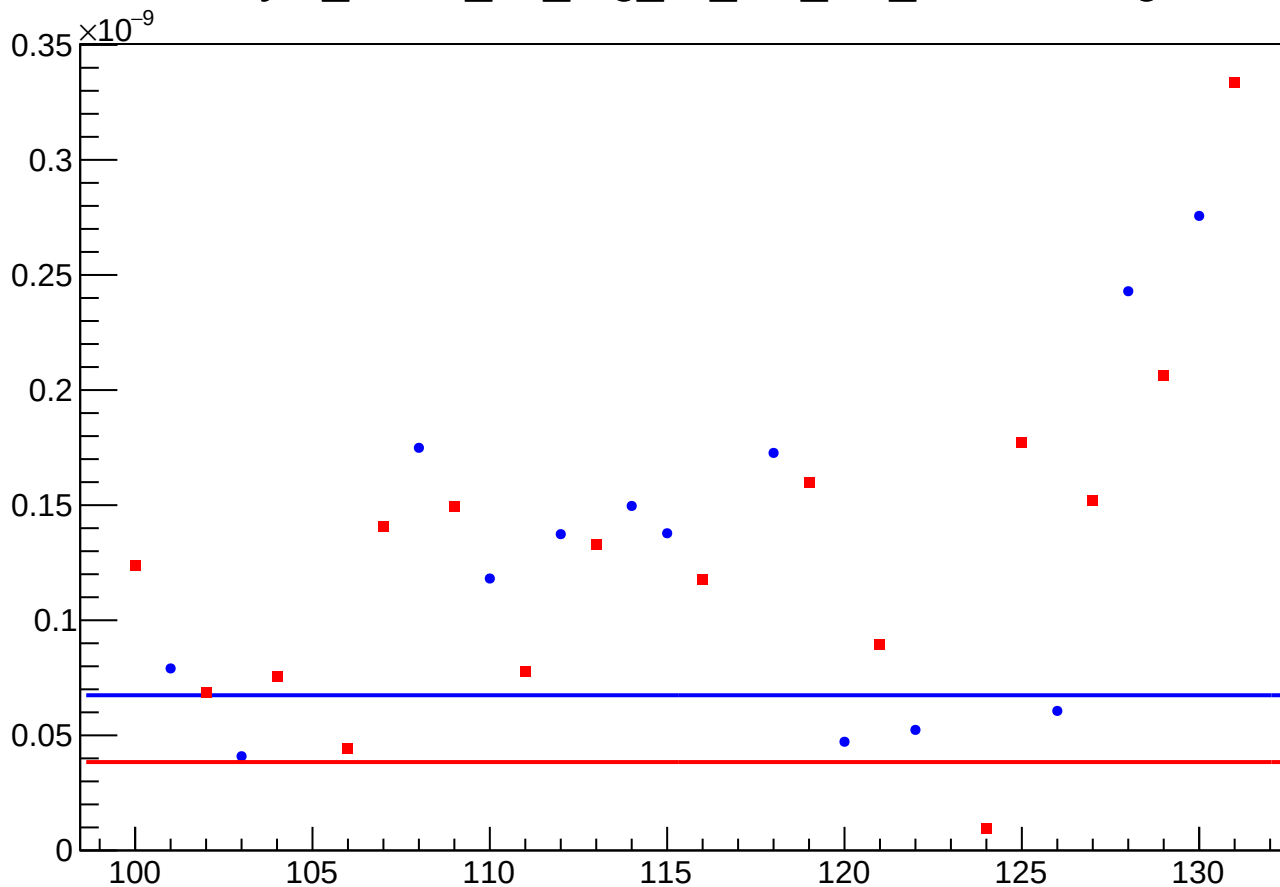
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 19.6/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1228962.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2895794.0/15

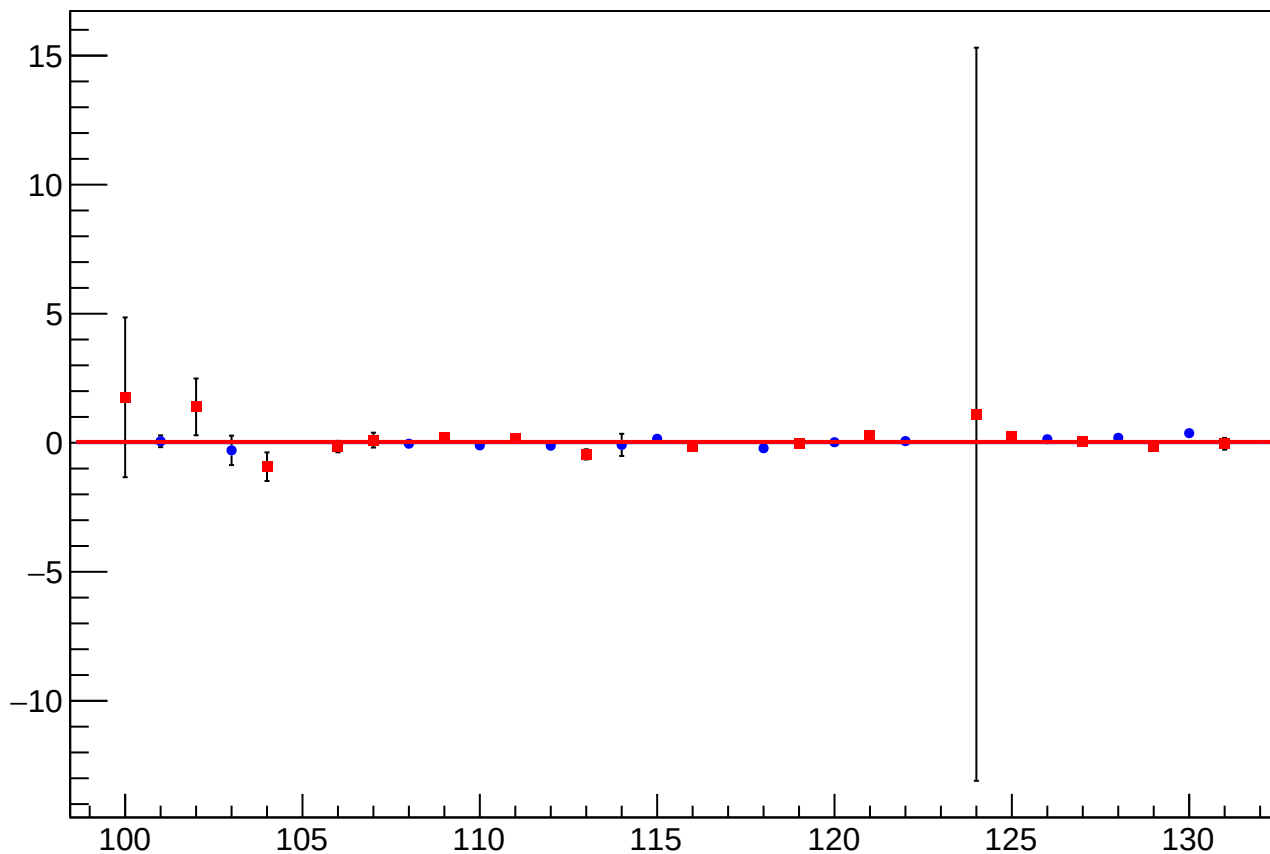
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4519278.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.022 $\pm$ 0.051 χ^2 /NDF: 10.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.032 $\pm$ 0.048 χ^2 /NDF: 20.3/15

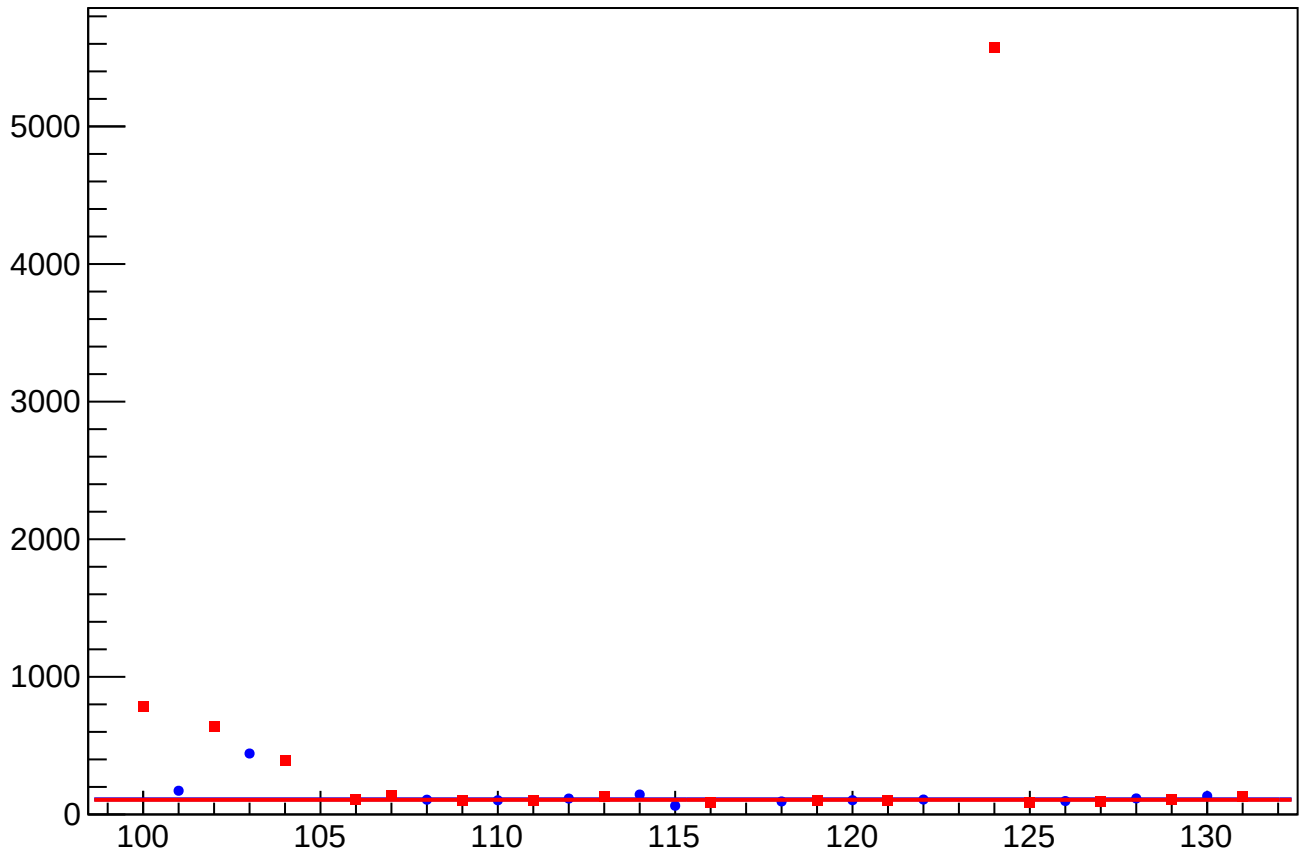
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.027 $\pm$ 0.035 χ^2 /NDF: 30.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 109.843 $\pm$ 0.036 χ^2 /NDF: 1068352.3/12

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

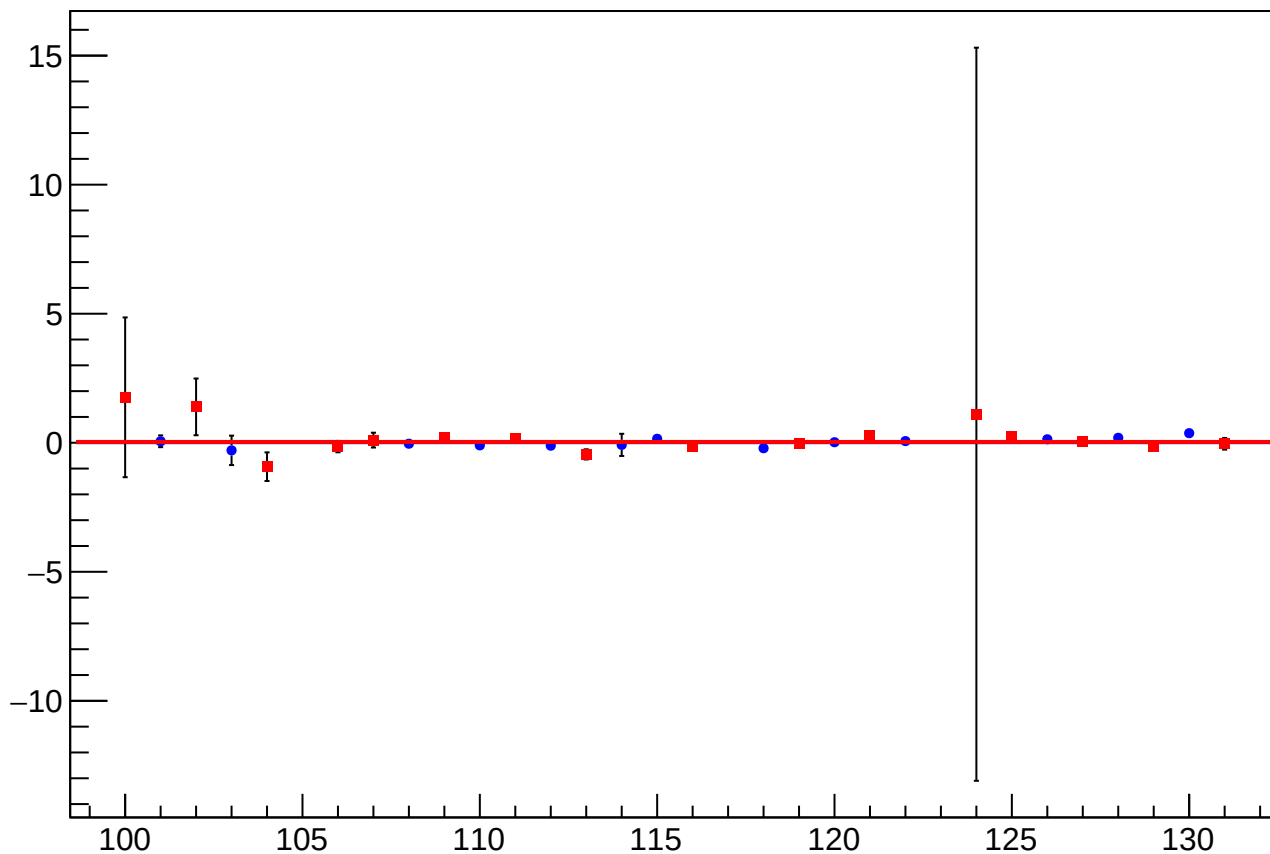
Right Out: 106.423 $\pm$ 0.034 χ^2 /NDF: 1577353.2/15

All: 108.043 $\pm$ 0.025 χ^2 /NDF: 2650499.5/28

- 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_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.022 $\pm$ 0.051 χ^2 /NDF: 10.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.032 $\pm$ 0.048 χ^2 /NDF: 20.3/15

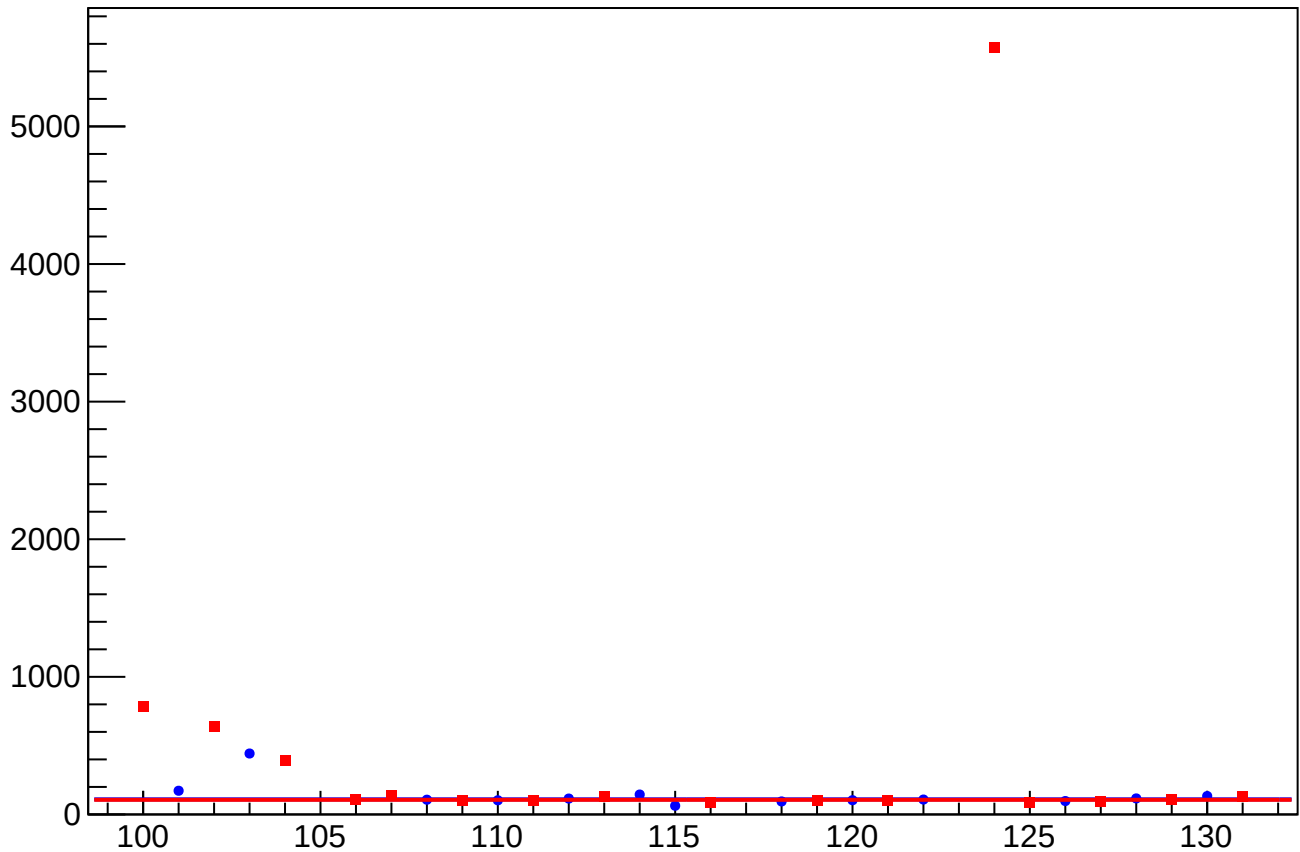
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.027 $\pm$ 0.035 χ^2 /NDF: 30.6/28

- 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: 109.843 $\pm$ 0.036 χ^2 /NDF: 1068352.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 106.423 $\pm$ 0.034 χ^2 /NDF: 1577353.2/15

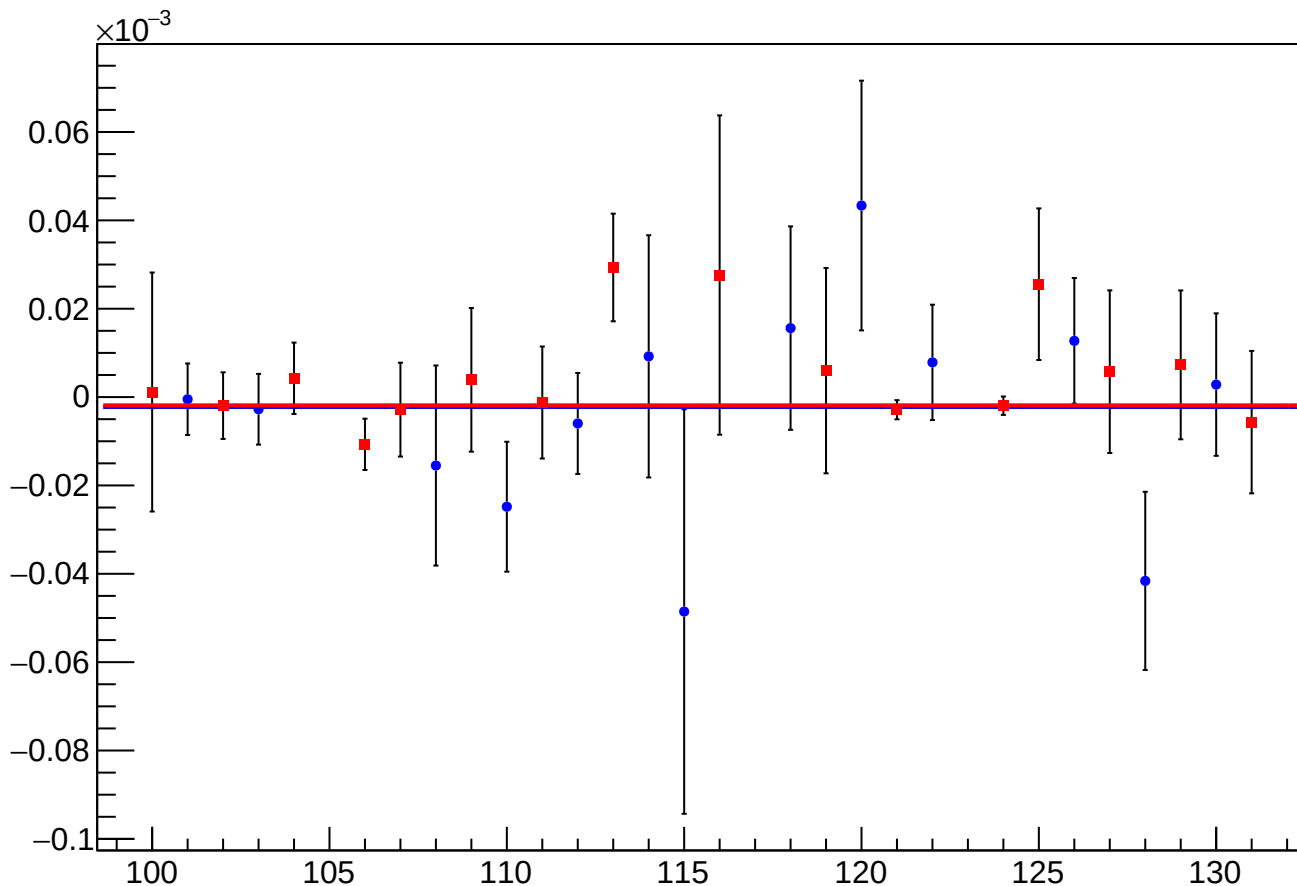
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 108.043 $\pm$ 0.025 χ^2 /NDF: 2650499.5/28

- sign 0.000 $\pm$ 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: 12.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.7/15

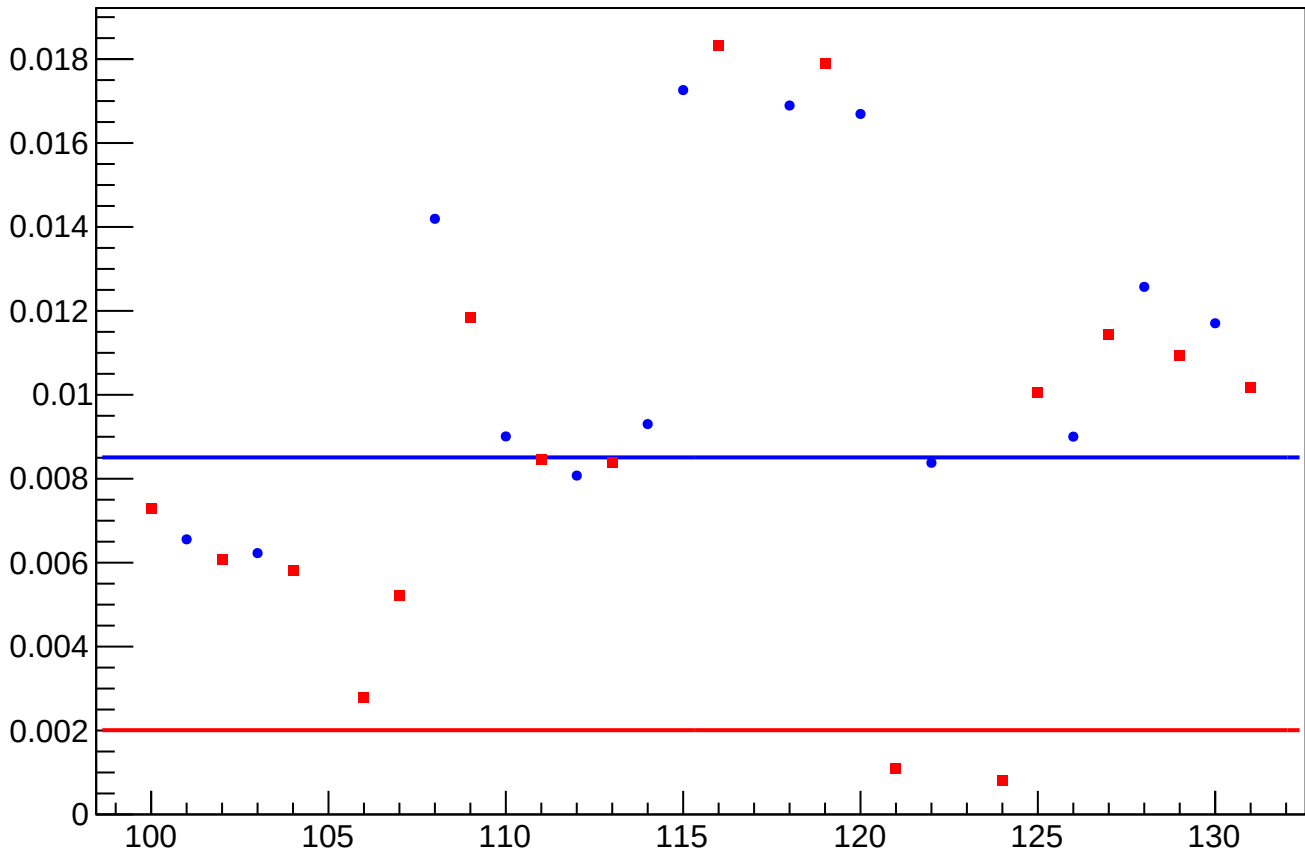
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 26.6/28

- 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 : 1080011.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 7501647.1/15

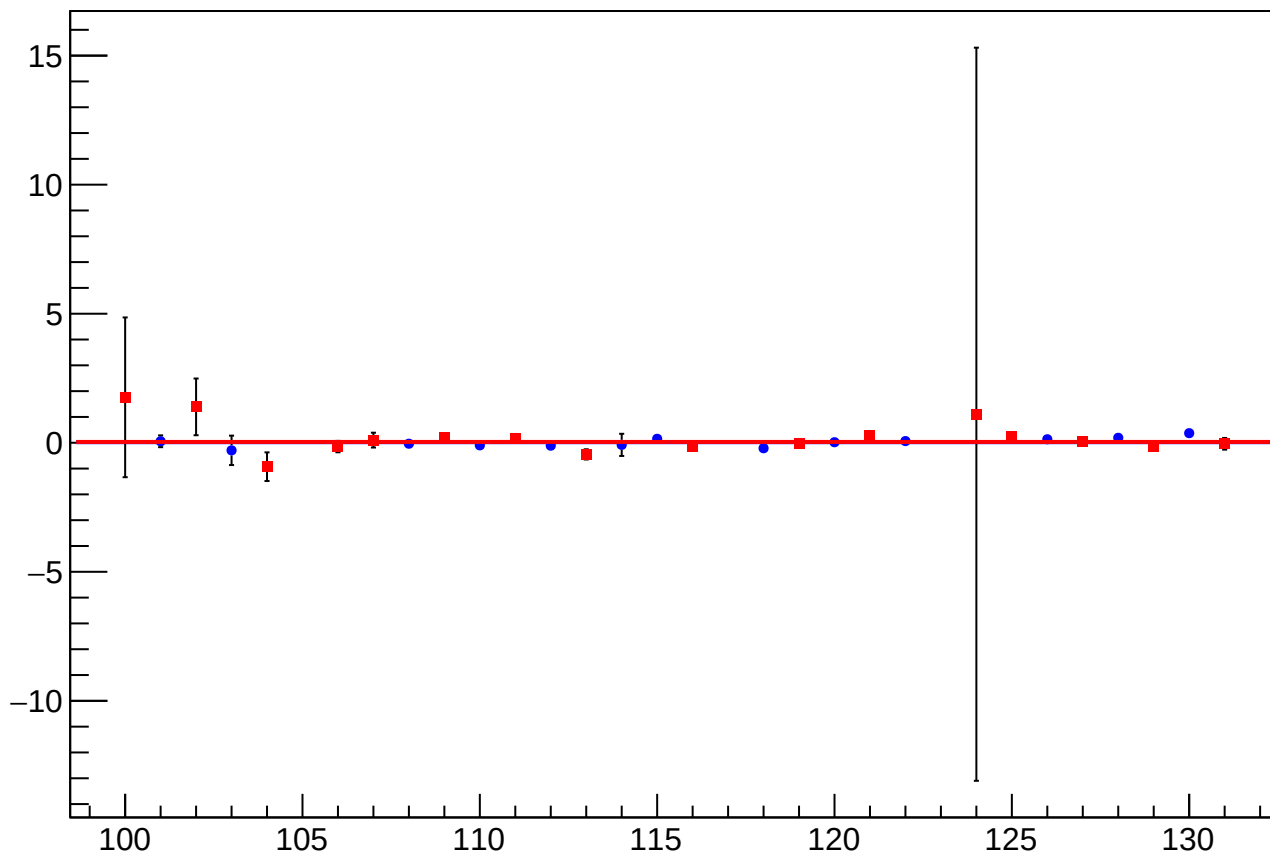
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 13637226.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.022 $\pm$ 0.051 χ^2 /NDF: 10.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.032 $\pm$ 0.048 χ^2 /NDF: 20.3/15

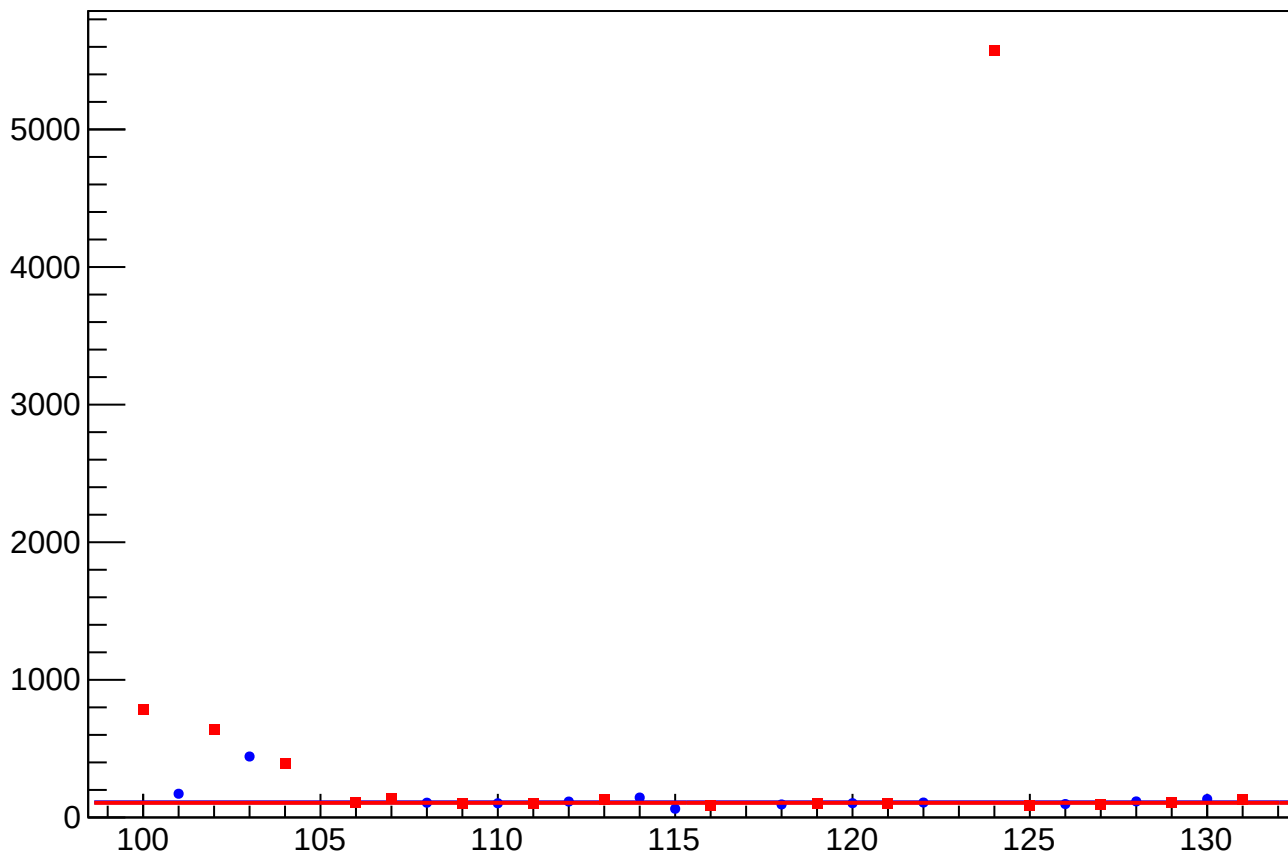
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.027 $\pm$ 0.035 χ^2 /NDF: 30.6/28

- 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: 109.844+/-0.036 χ^2/NDF : 1068308.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.425+/-0.034 χ^2/NDF : 1577301.0/15

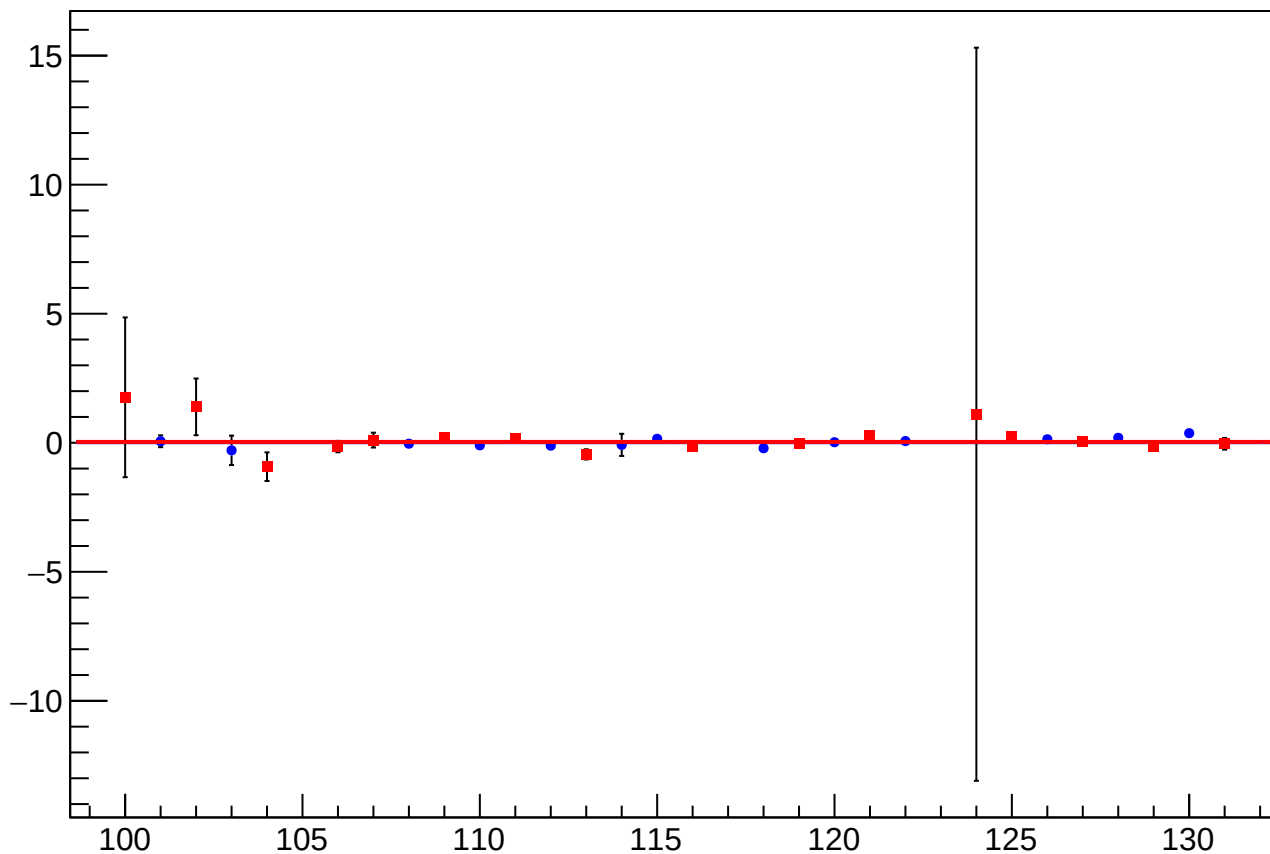
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.044+/-0.025 χ^2/NDF : 2650399.2/28

- 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: 0.022 $\pm$ 0.051 χ^2 /NDF: 10.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.032 $\pm$ 0.048 χ^2 /NDF: 20.3/15

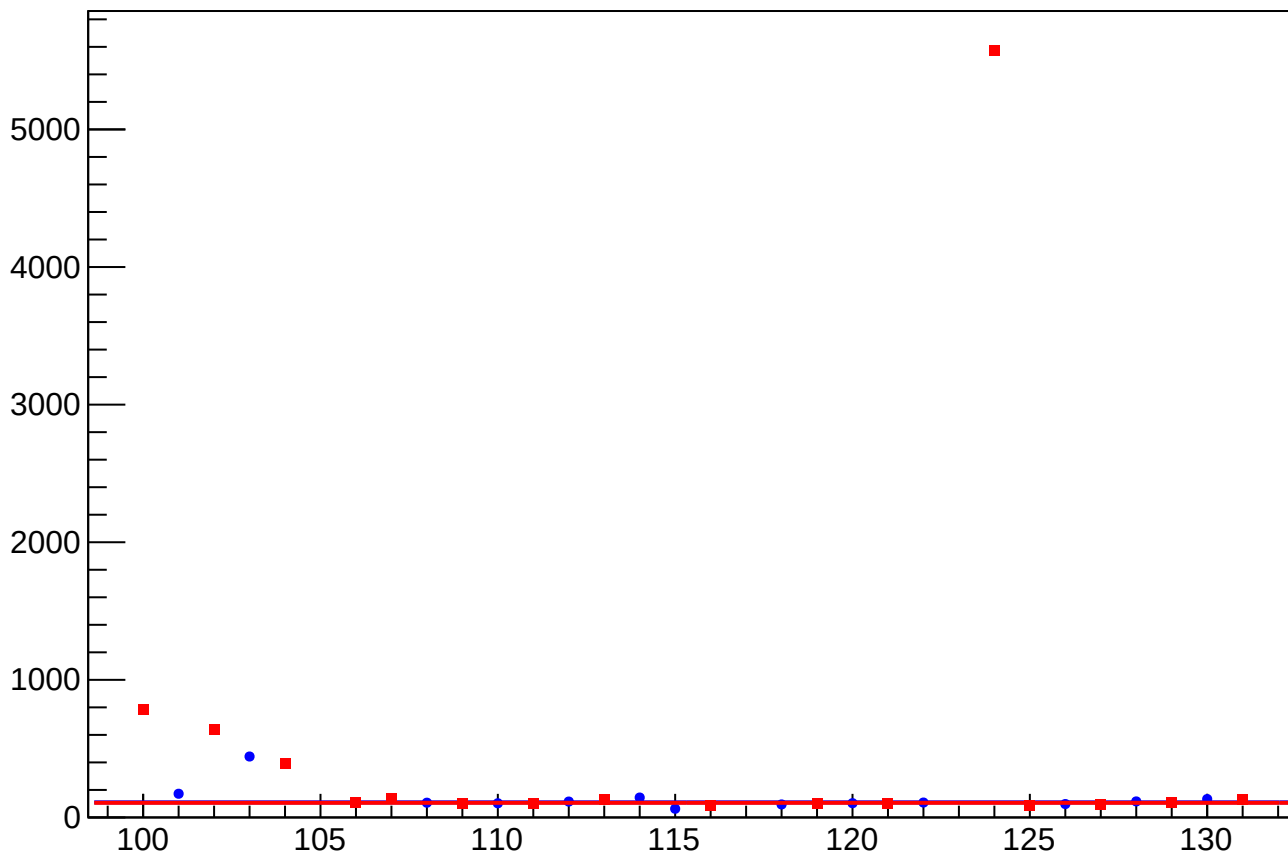
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.027 $\pm$ 0.035 χ^2 /NDF: 30.6/28

- 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: 109.844+/-0.036 χ^2/NDF : 1068308.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.425+/-0.034 χ^2/NDF : 1577301.0/15

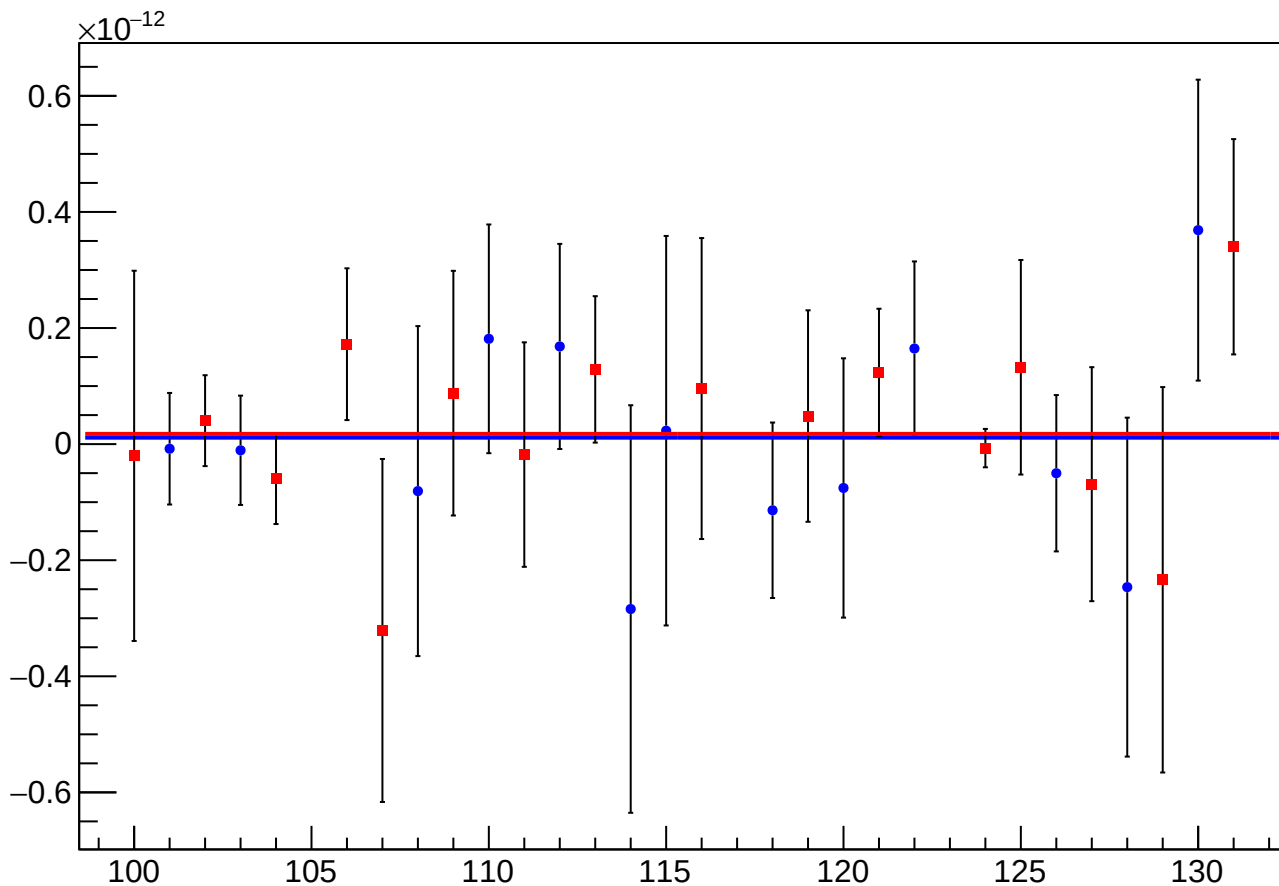
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.044+/-0.025 χ^2/NDF : 2650399.2/28

- 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: 7.2/12

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

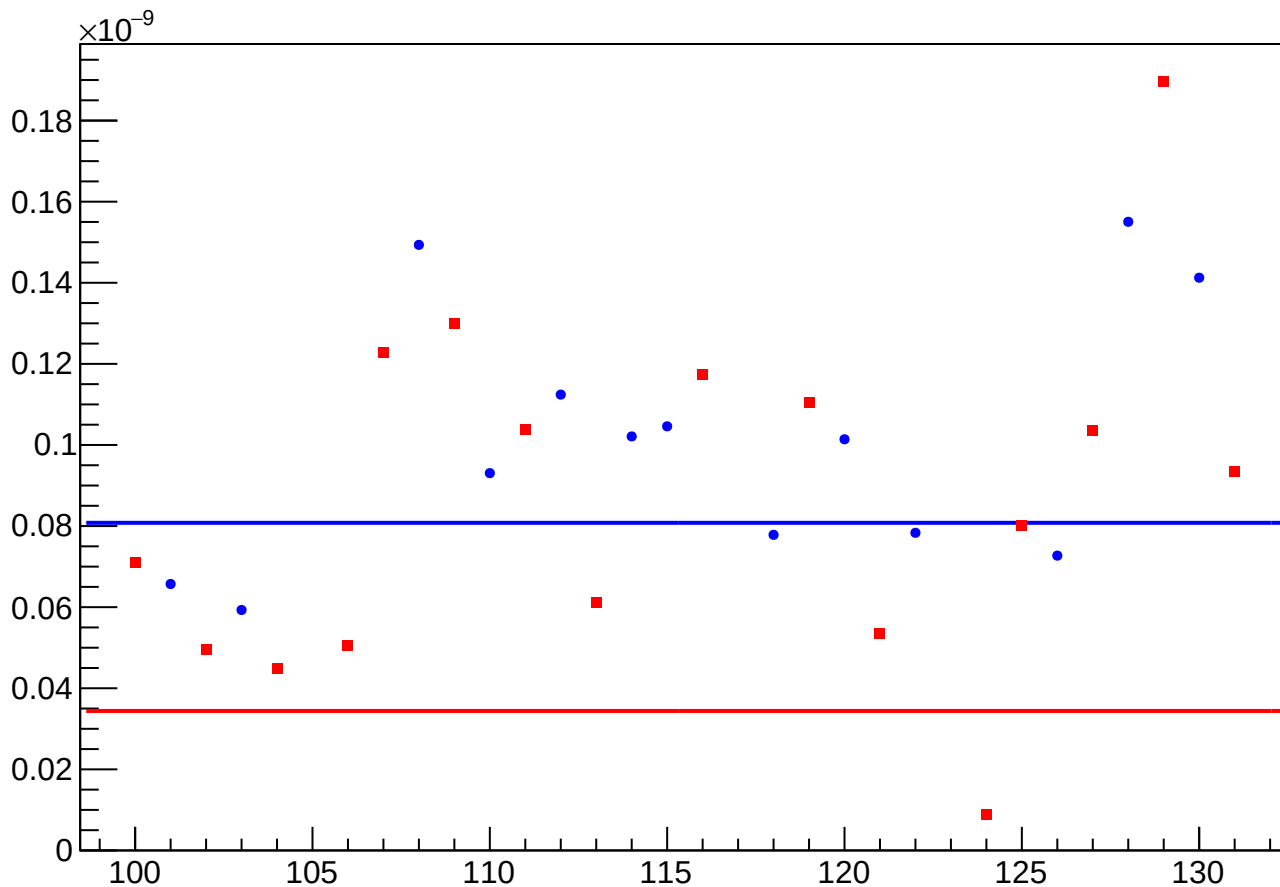
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.7/28

- 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 : 622661.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3920549.3/15

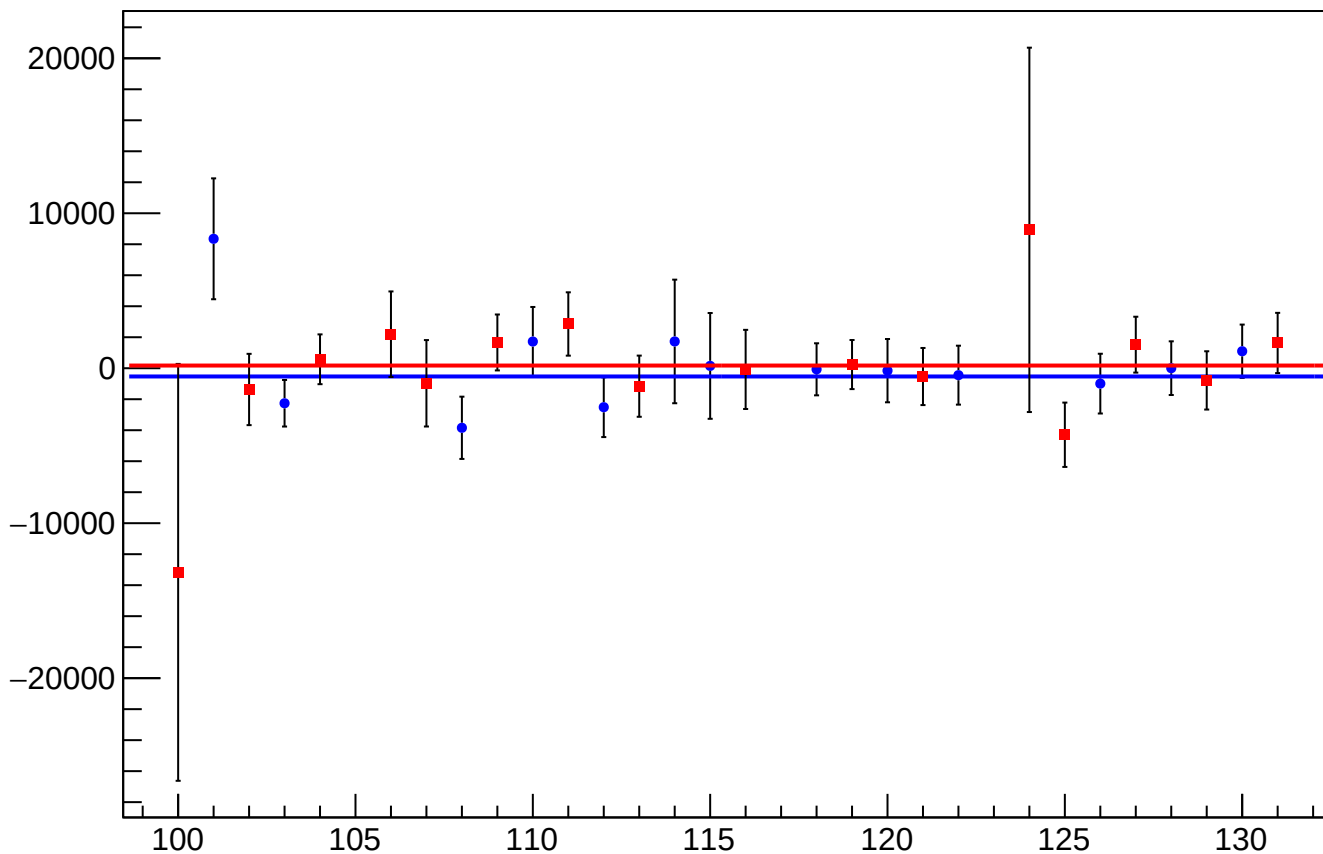
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6192183.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -531.995+/-560.180 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.251+/-528.071 χ^2/NDF : 11.8/15

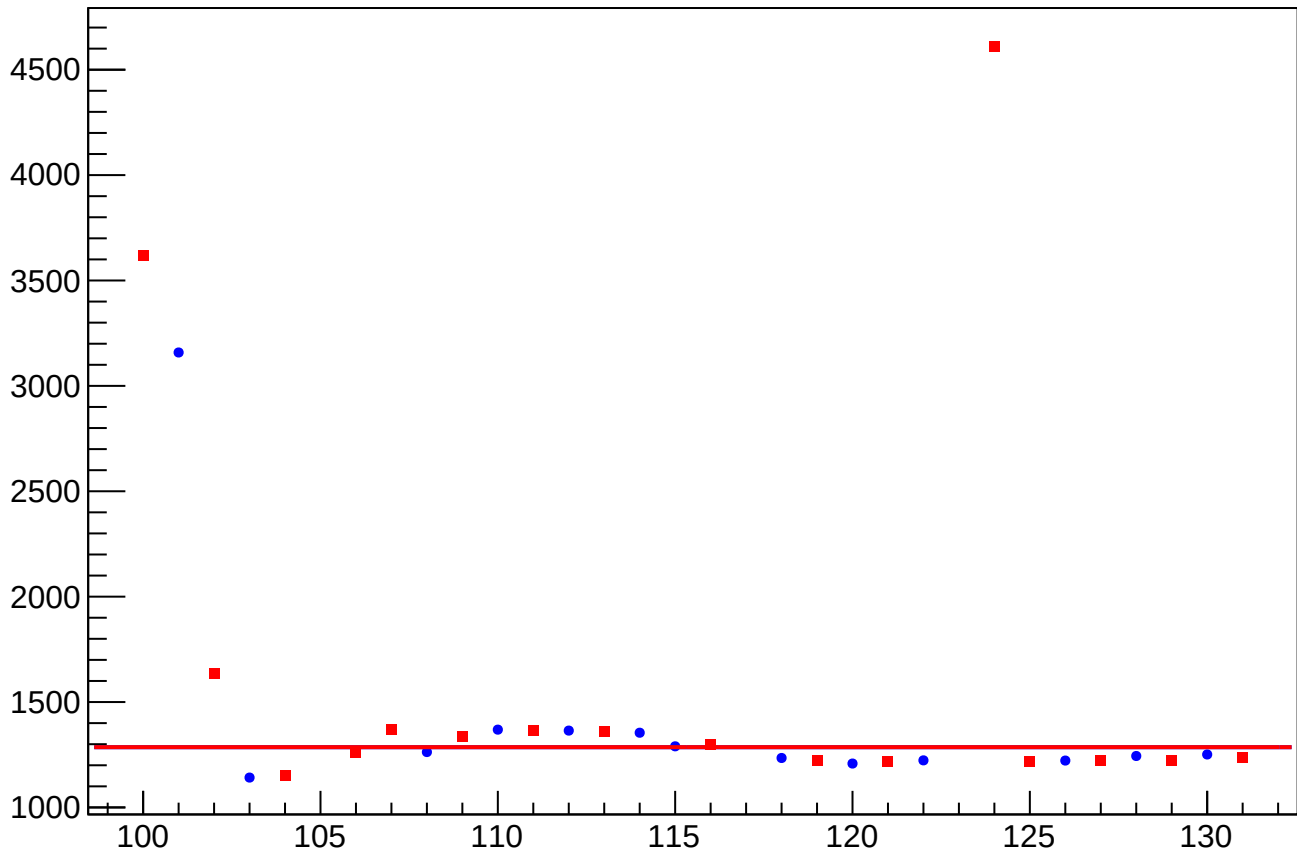
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -158.581+/-384.253 χ^2/NDF : 25.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1285.613+/-0.396 χ^2/NDF : 497502.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.946+/-0.372 χ^2/NDF : 303955.1/15

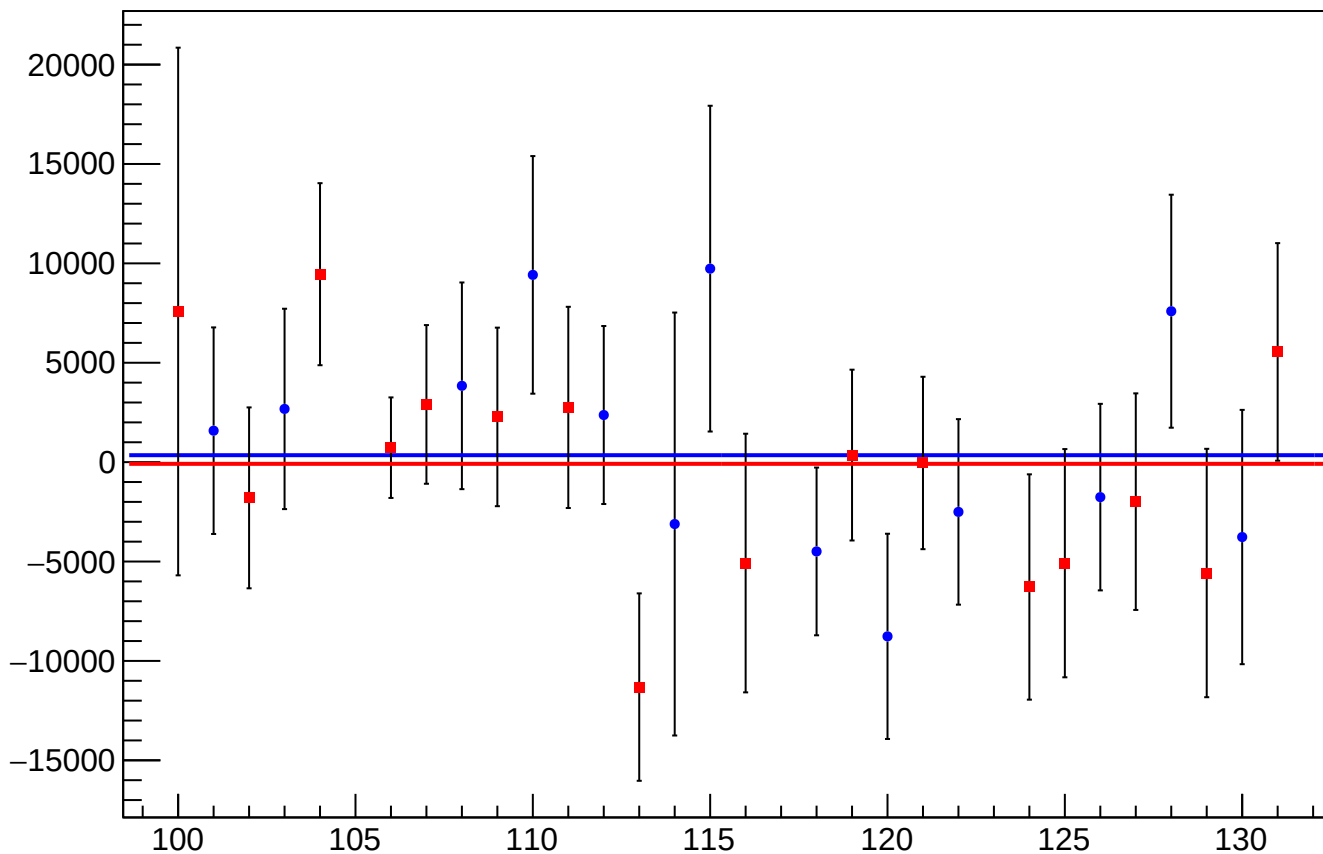
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1285.790+/-0.271 χ^2/NDF : 801458.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_reg_correction_mean vs Slug



Right In: 349.586 $\pm$ 1484.807 χ^2 /NDF: 11.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -85.501 $\pm$ 1162.841 χ^2 /NDF: 16.3/15

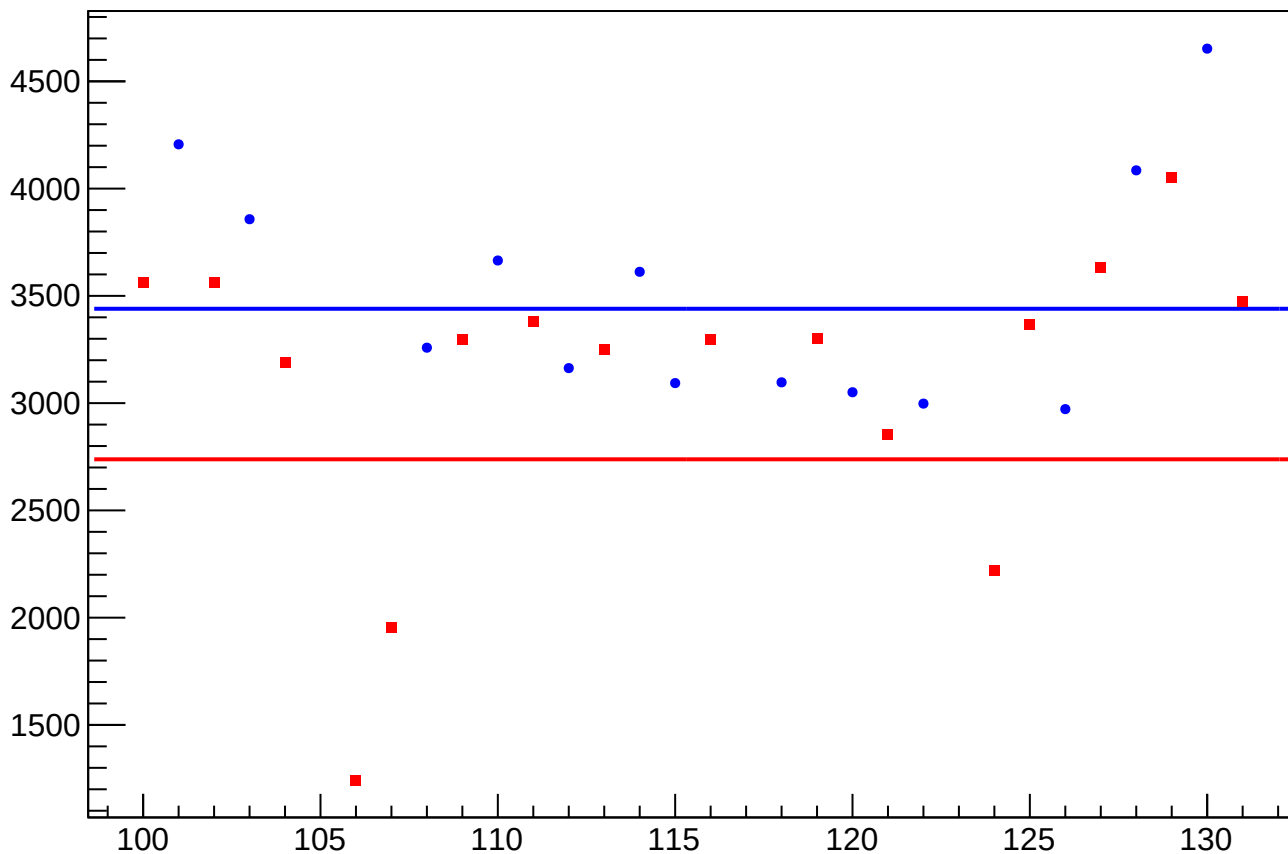
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 79.905 $\pm$ 915.498 χ^2 /NDF: 27.9/28

- 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: 3439.858+/-1.050 χ^2/NDF : 232755.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

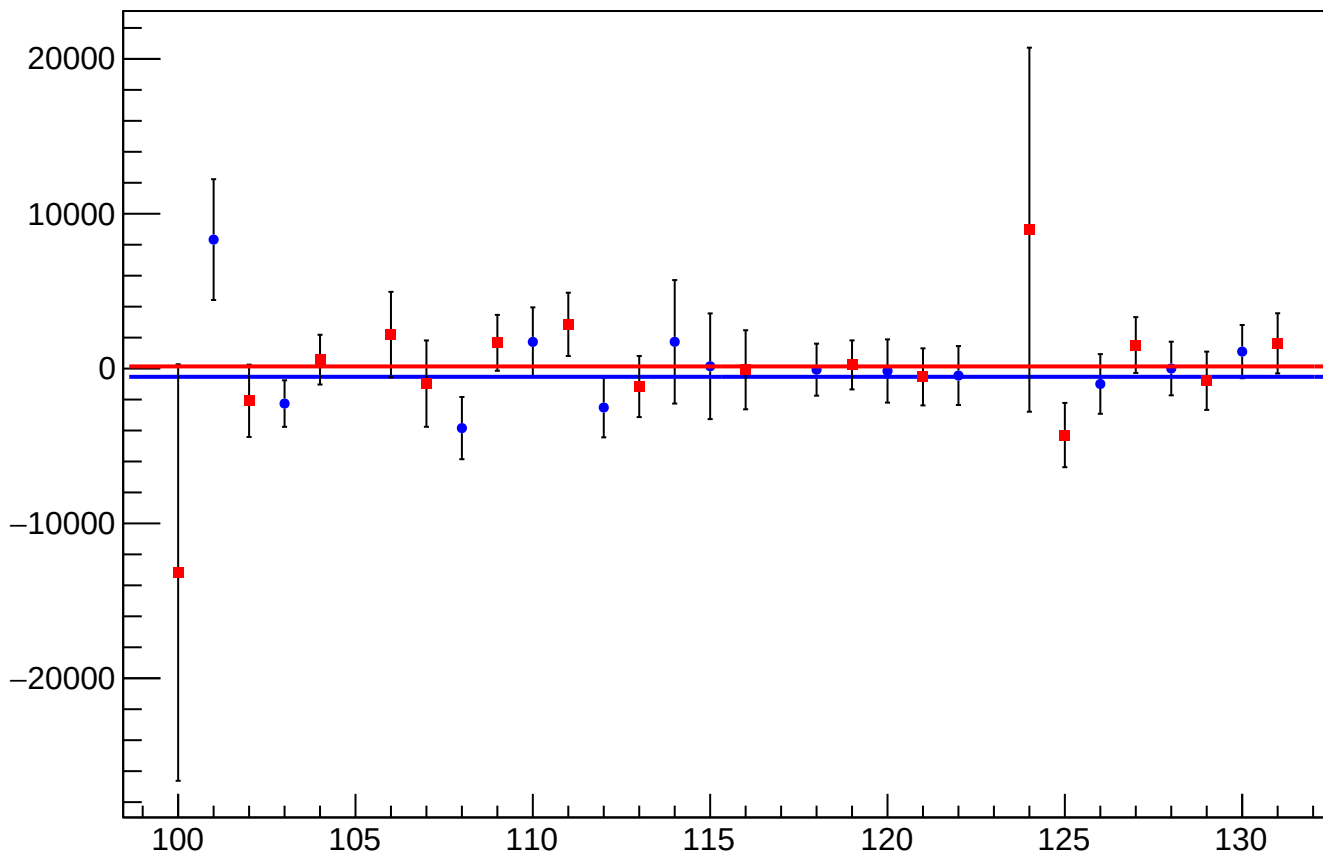
Right Out: 2738.152+/-0.822 χ^2/NDF : 1226964.6/15

All: 3004.917+/-0.647 χ^2/NDF : 1736589.5/28

- 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: -532.482+/-560.180 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.394+/-528.482 χ^2/NDF : 12.3/15

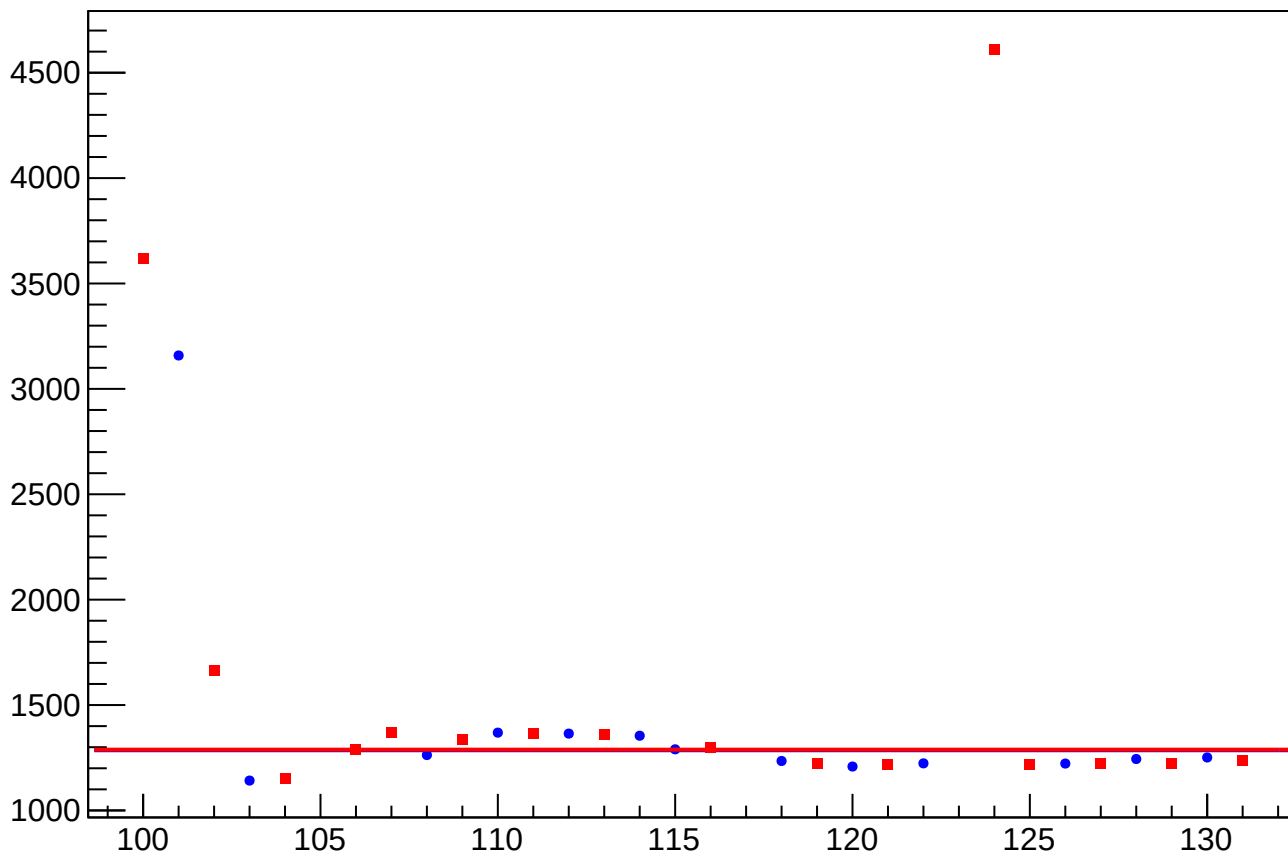
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -176.998+/-384.411 χ^2/NDF : 25.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1285.613+/-0.396 χ^2/NDF : 497504.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1288.280+/-0.373 χ^2/NDF : 310914.0/15

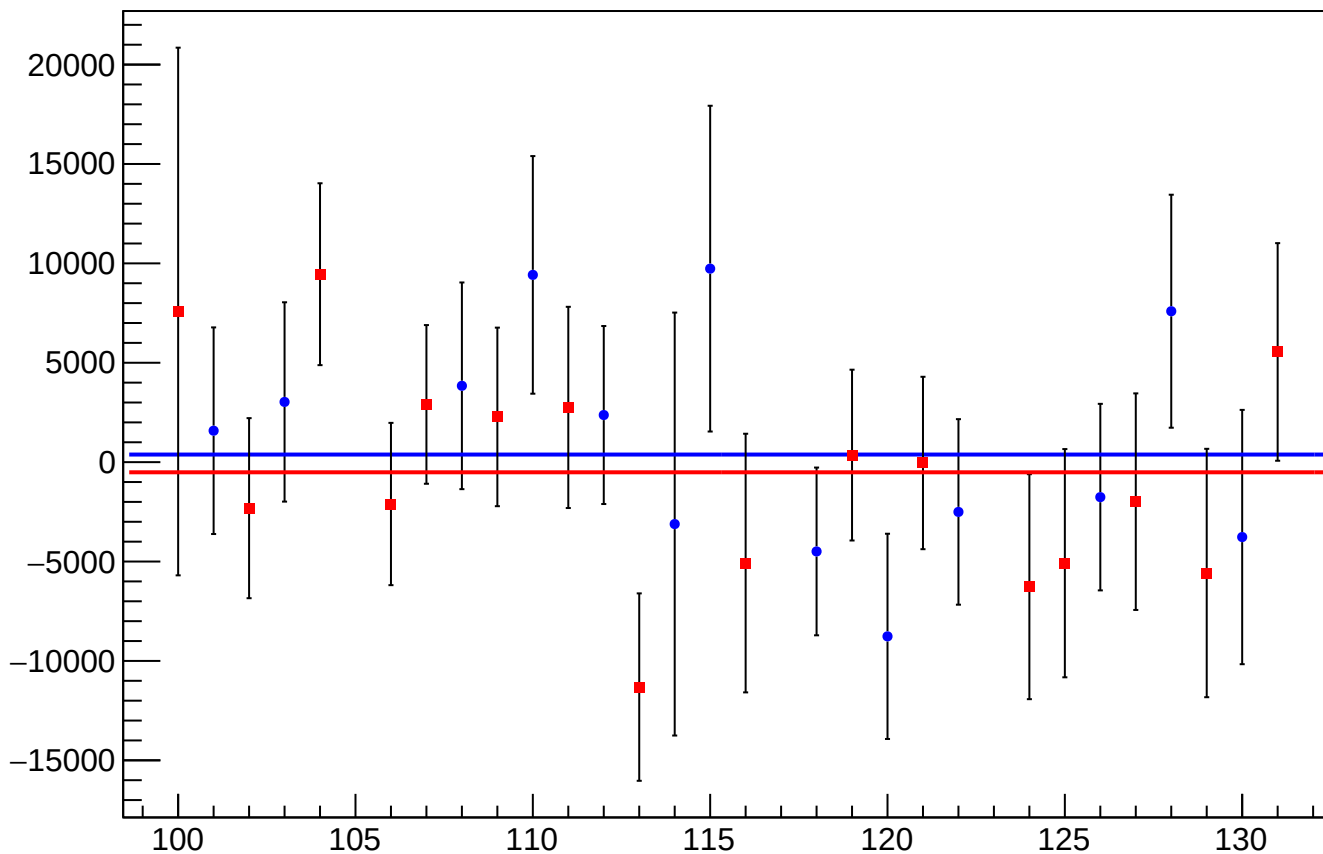
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1287.027+/-0.272 χ^2/NDF : 808442.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_cor_correction_mean vs Slug



Right In: 382.266 $\pm$ 1484.167 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -510.547 $\pm$ 1246.284 χ^2 /NDF: 16.4/15

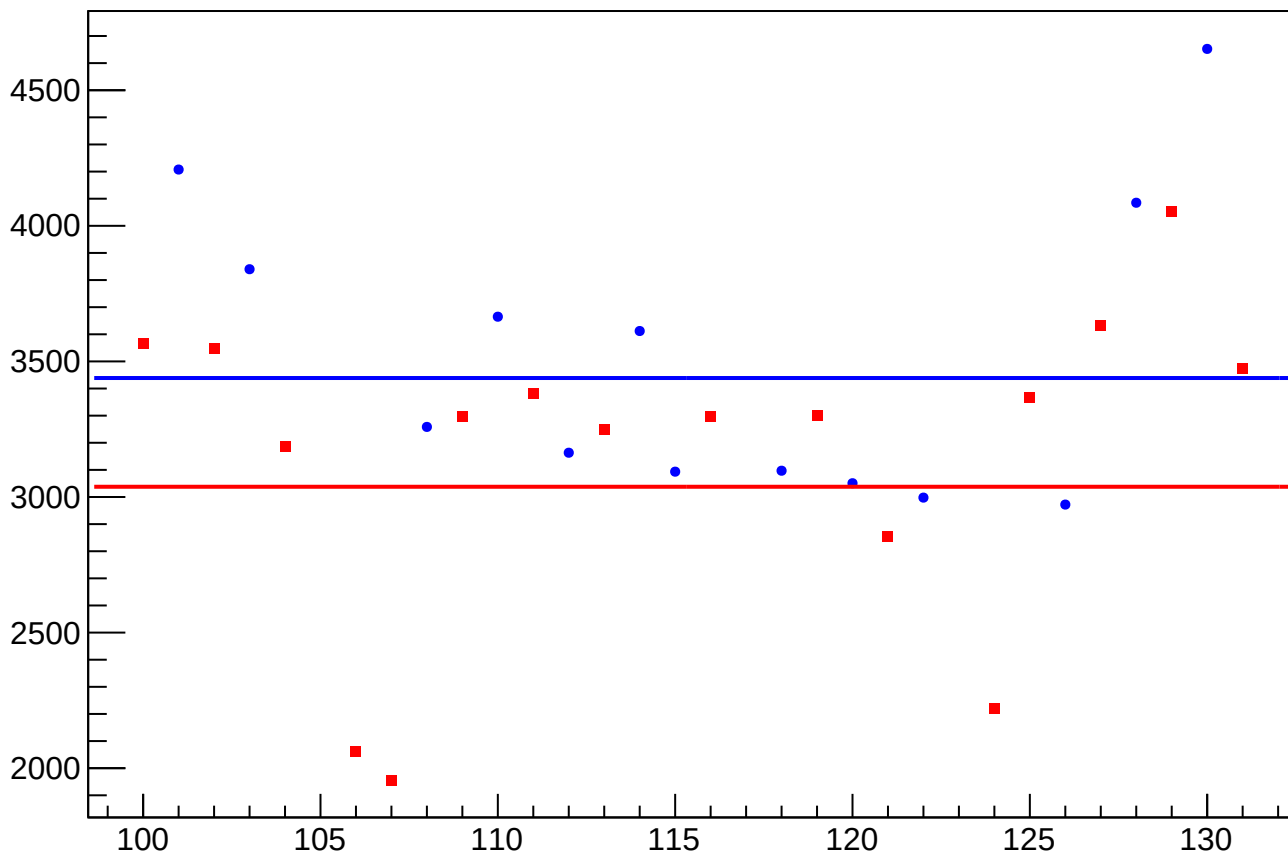
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -141.338 $\pm$ 954.417 χ^2 /NDF: 28.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_cor_correction_rms vs Slug



Right In: 3438.769+/-1.049 χ^2/NDF : 231876.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3037.788+/-0.881 χ^2/NDF : 464375.2/15

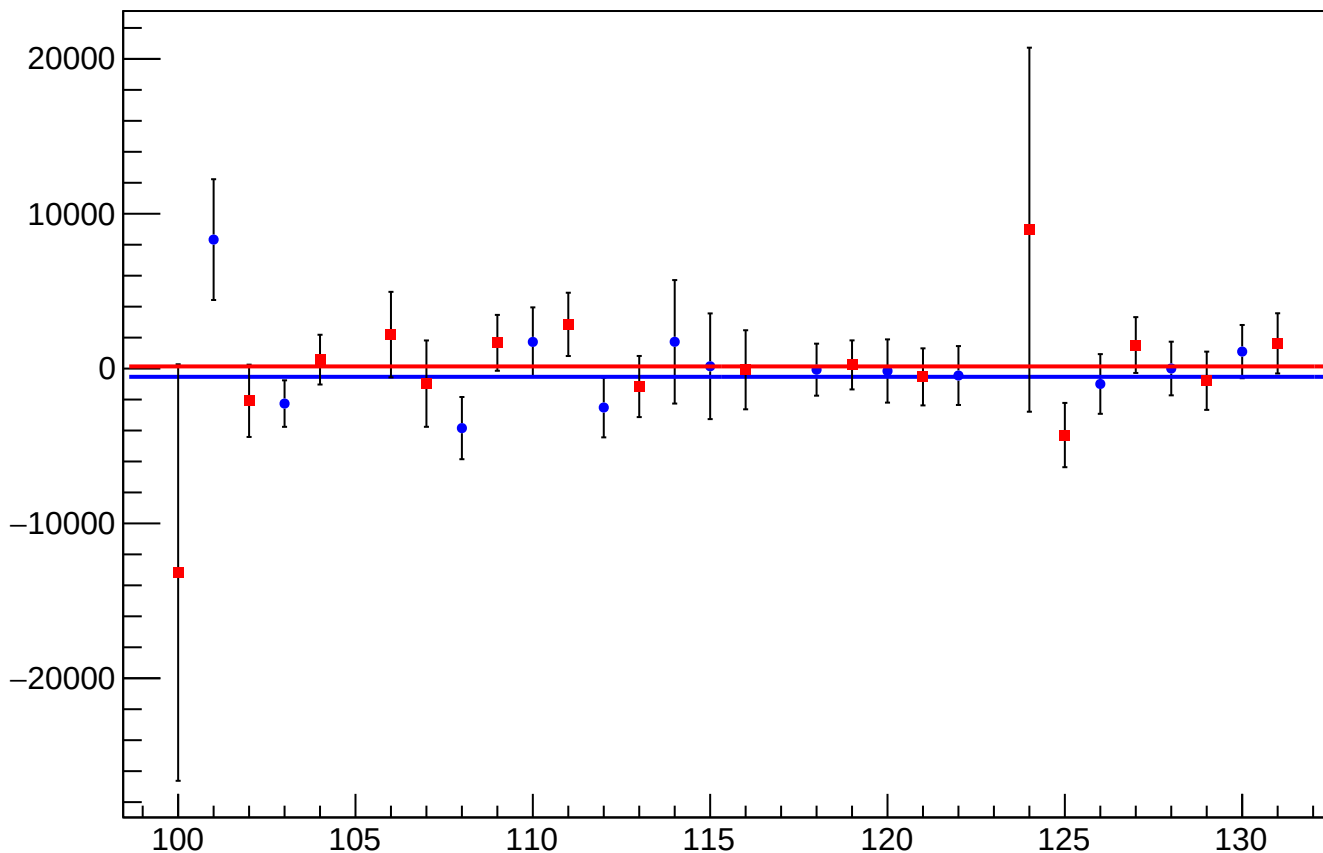
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3203.607+/-0.675 χ^2/NDF : 781867.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -532.482+/-560.180 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.394+/-528.482 χ^2/NDF : 12.3/15

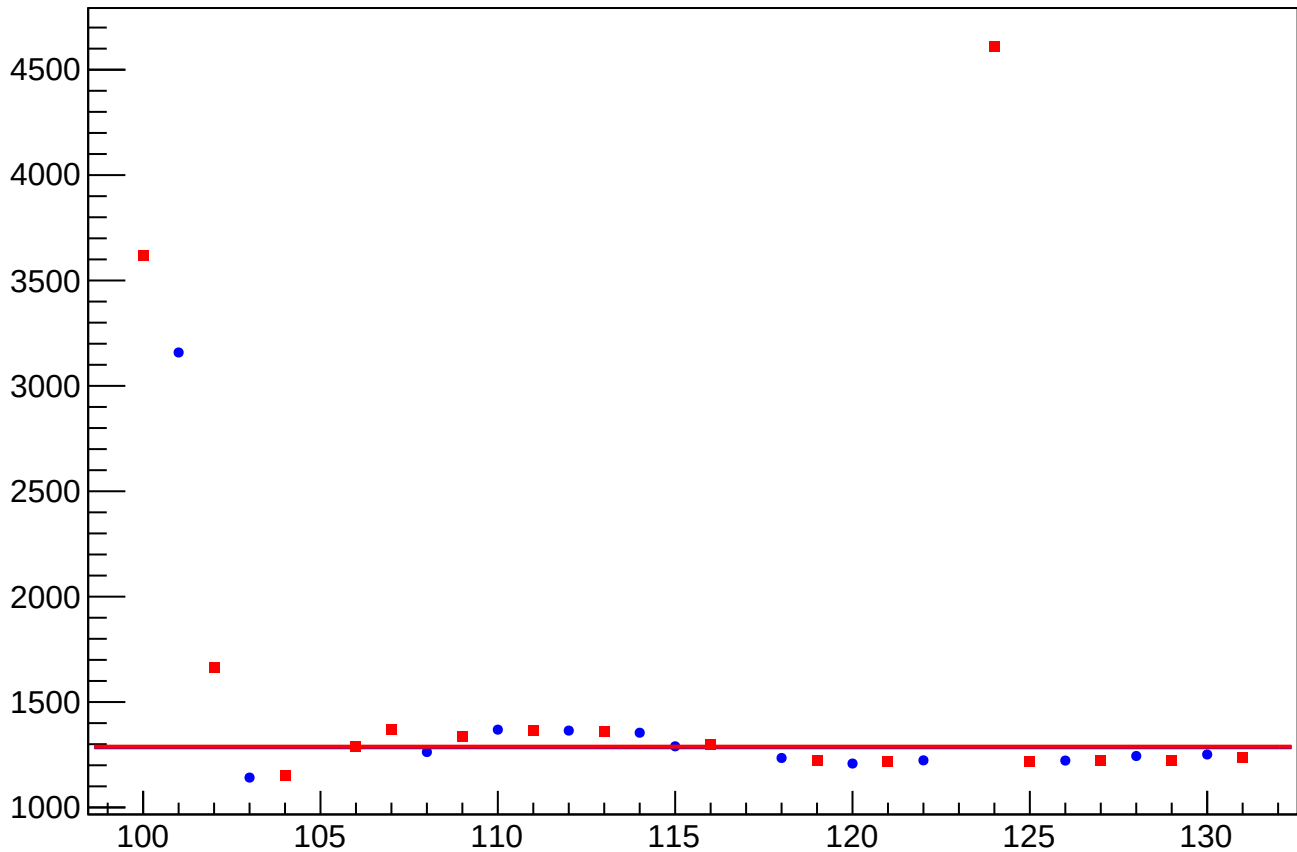
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -176.998+/-384.411 χ^2/NDF : 25.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1285.613+/-0.396 χ^2/NDF : 497504.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

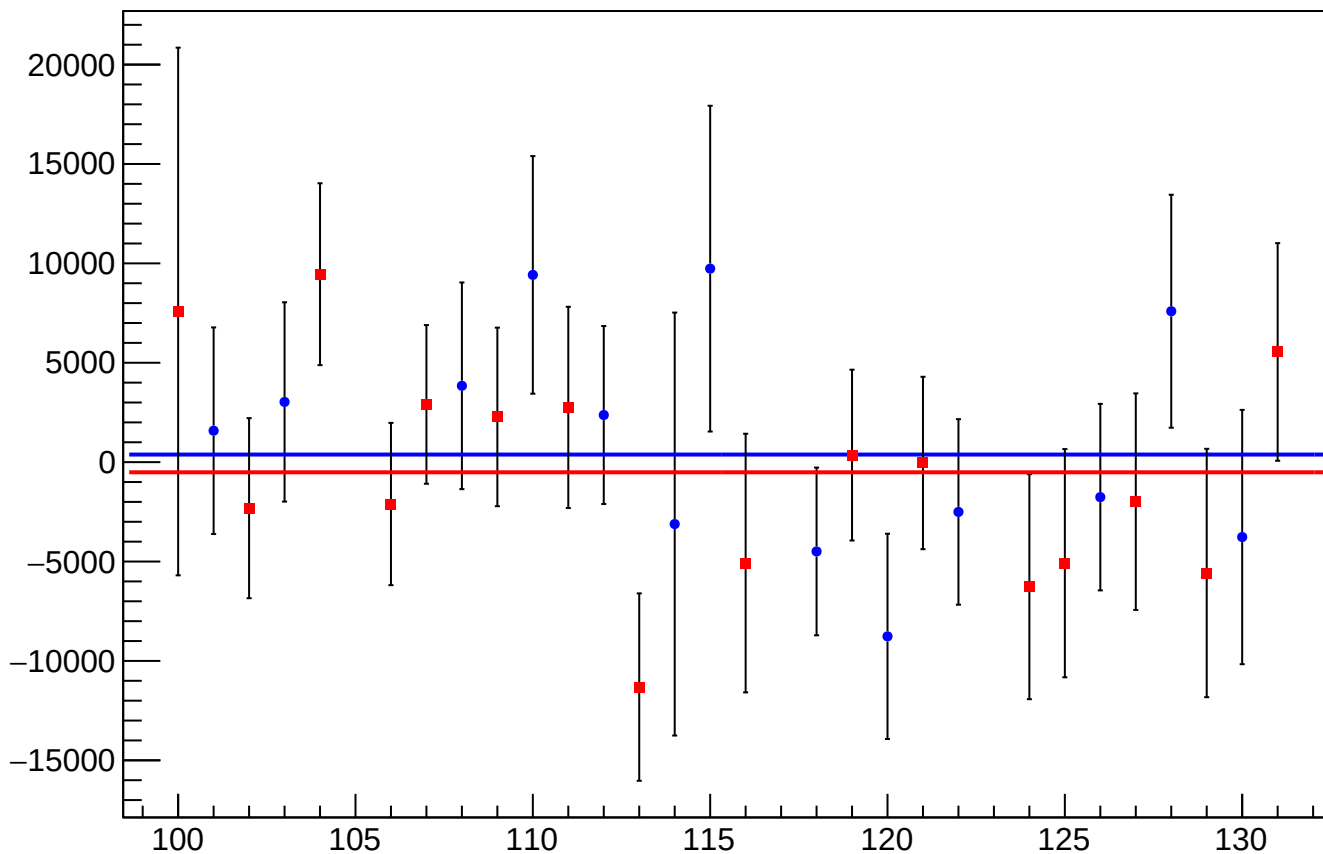
Right Out: 1288.280+/-0.373 χ^2/NDF : 310914.0/15

All: 1287.027+/-0.272 χ^2/NDF : 808442.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_eigen_cor_correction_mean vs Slug



Right In: 382.266+/-1484.167 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -510.547+/-1246.284 χ^2/NDF : 16.4/15

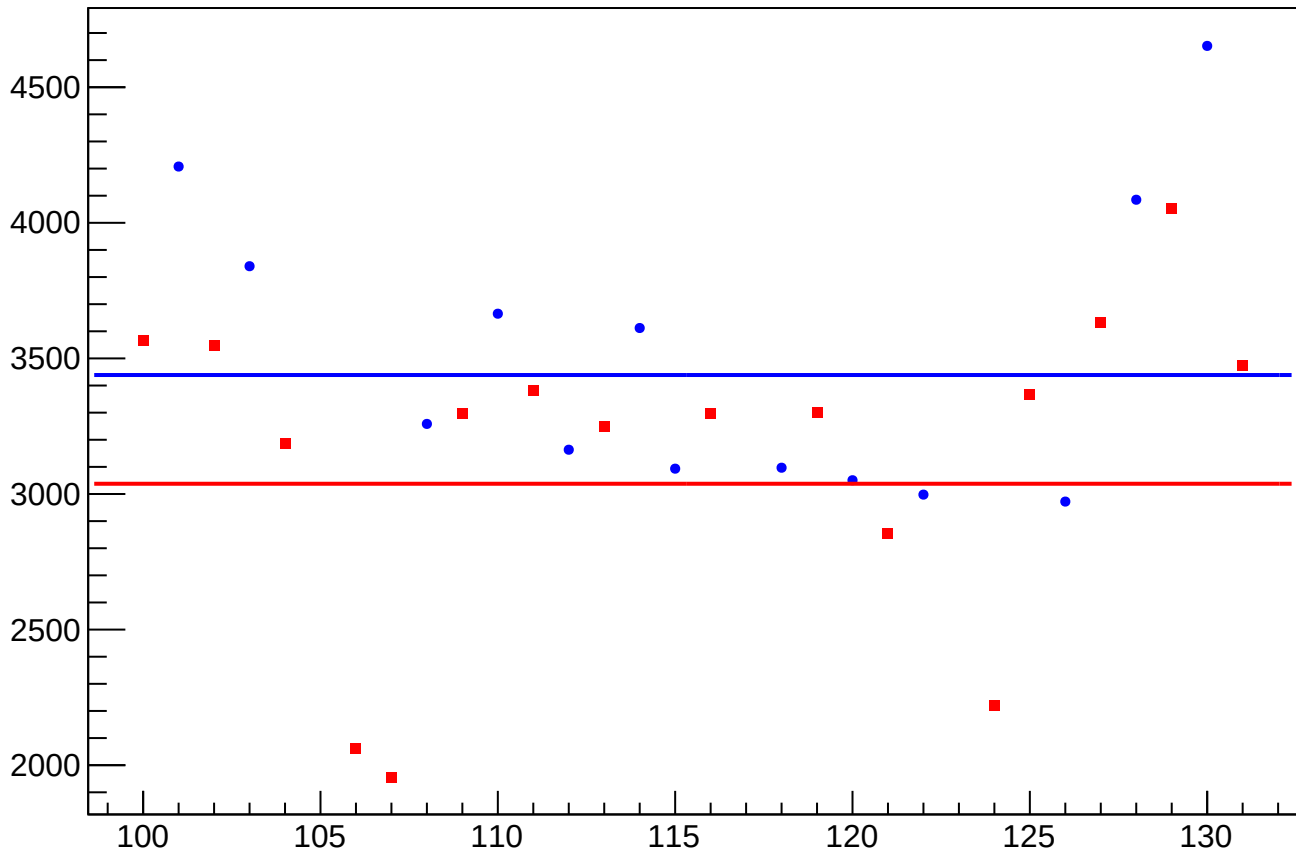
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -141.338+/-954.417 χ^2/NDF : 28.3/28

- 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: 3438.769+/-1.049 χ^2/NDF : 231876.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

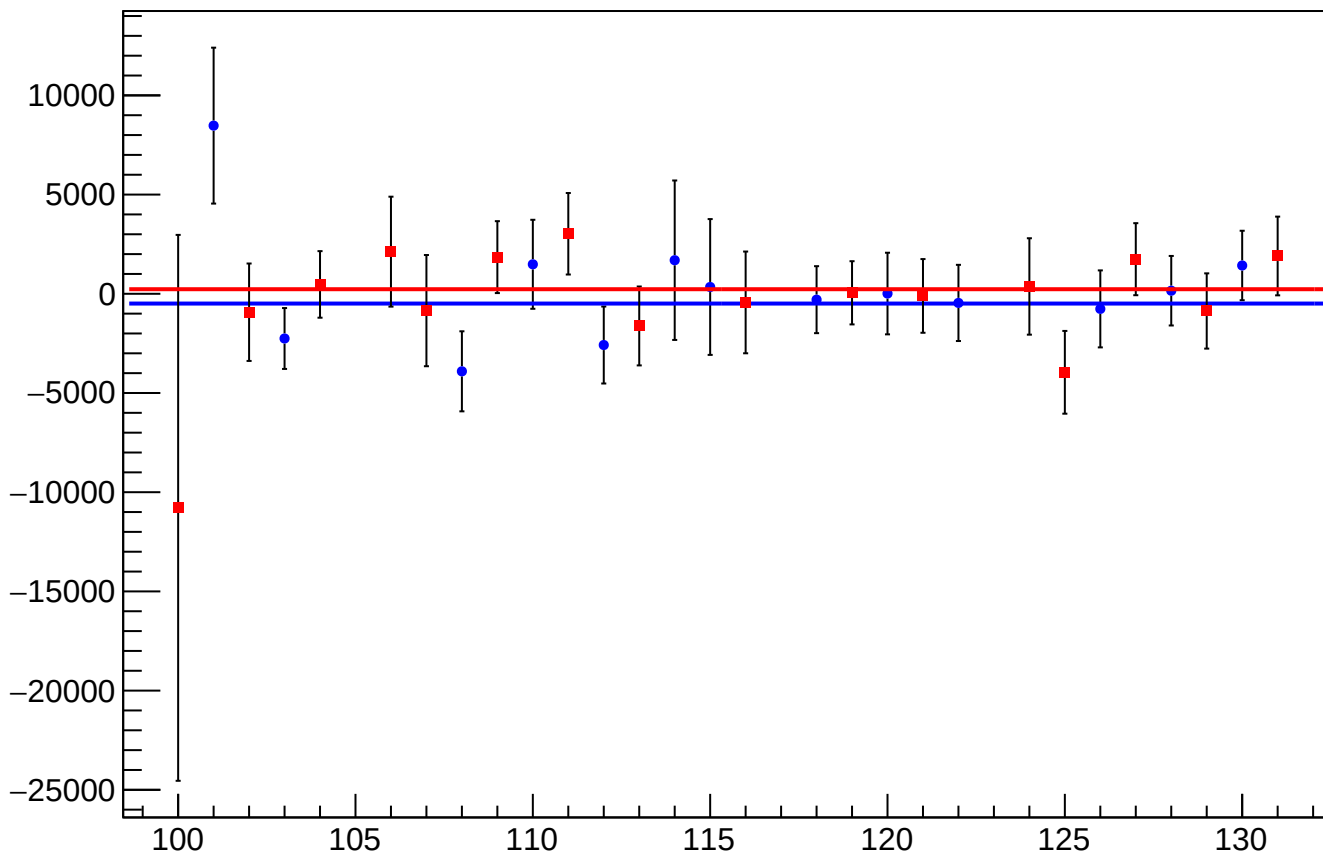
Right Out: 3037.788+/-0.881 χ^2/NDF : 464375.2/15

All: 3203.607+/-0.675 χ^2/NDF : 781867.6/28

- 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: -492.281+/-565.819 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 230.770+/-523.431 χ^2/NDF : 10.9/15

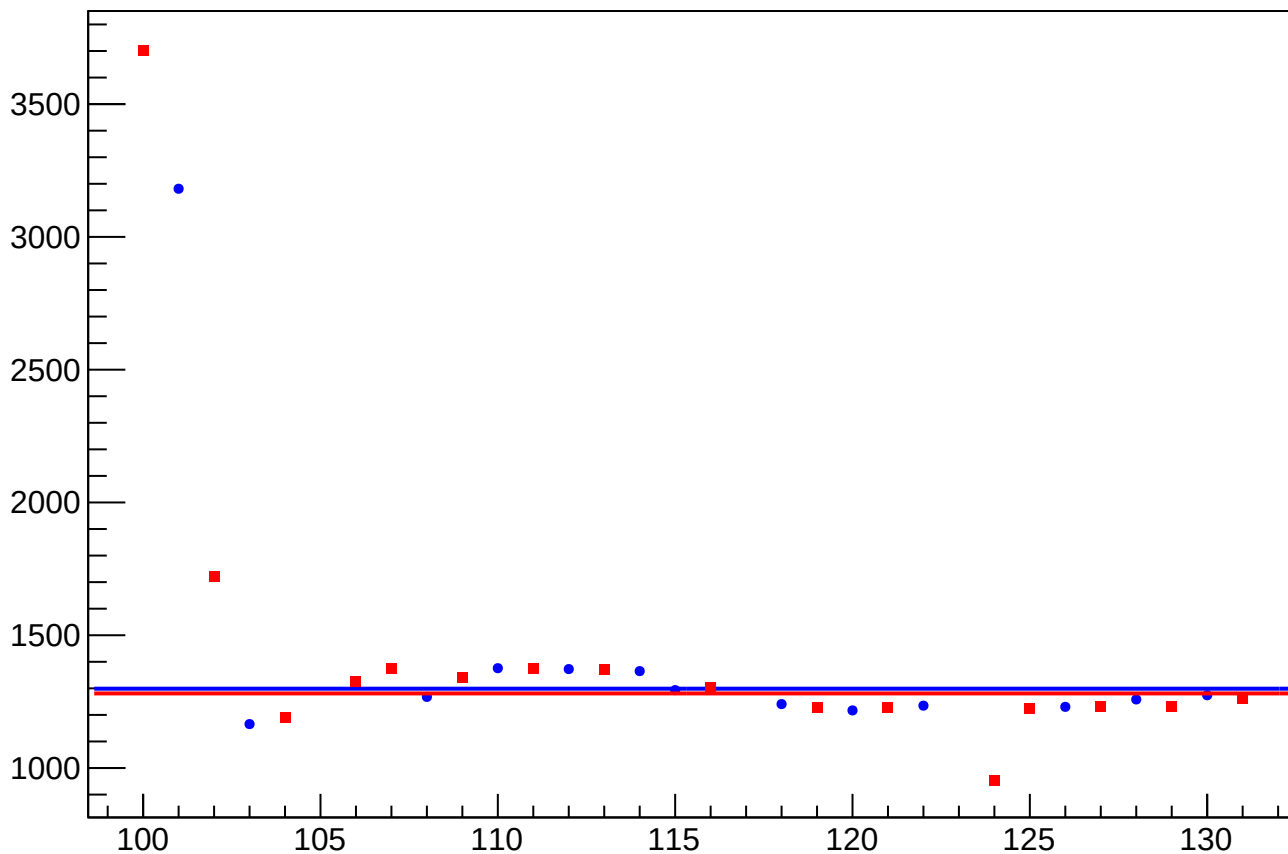
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -102.661+/-384.234 χ^2/NDF : 24.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1298.736 $\pm$ 0.400 χ^2 /NDF: 492173.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1280.923 $\pm$ 0.370 χ^2 /NDF: 190173.4/15

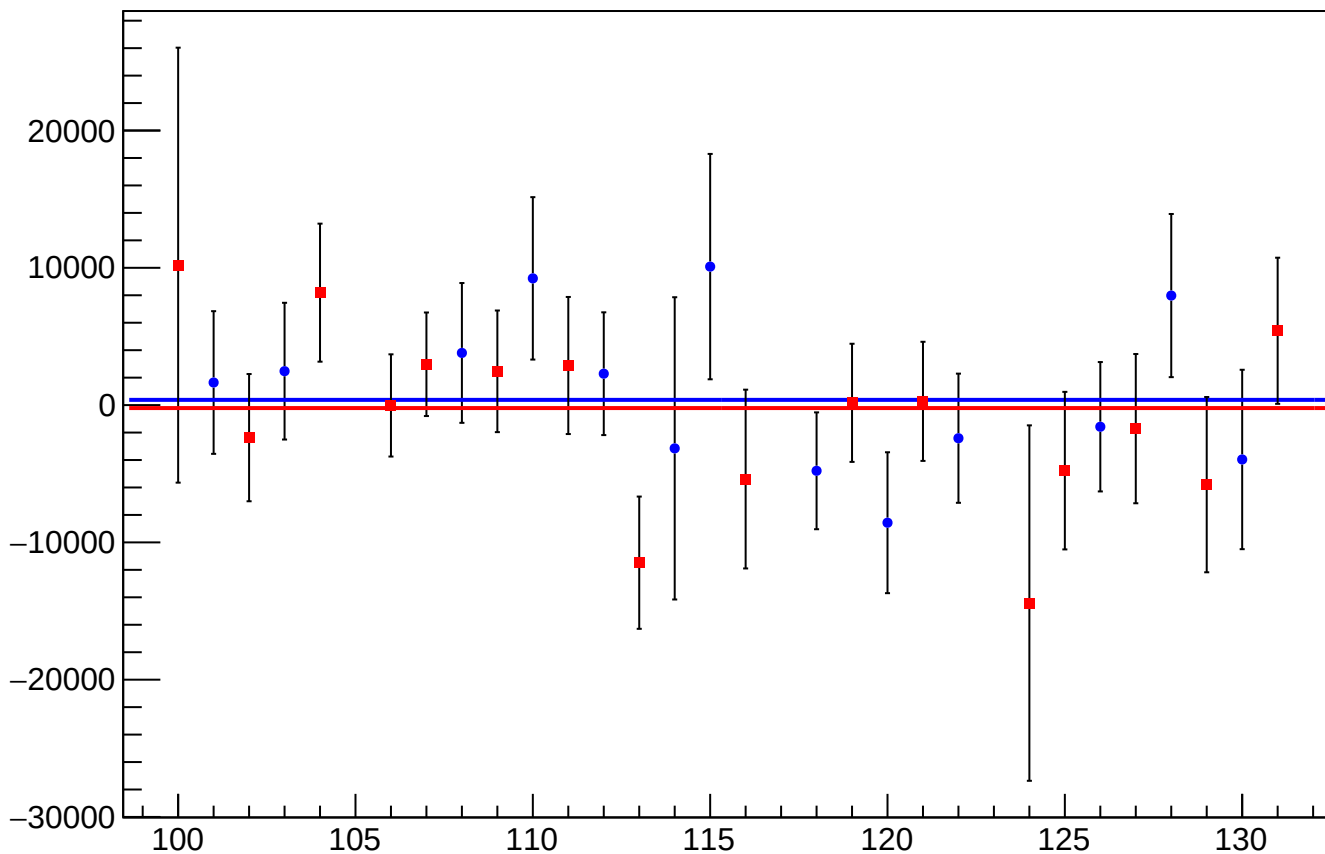
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1289.129 $\pm$ 0.272 χ^2 /NDF: 683415.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_dit_correction_mean vs Slug



Right In: 381.695 $\pm$ 1486.105 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -216.035 $\pm$ 1262.333 χ^2 /NDF: 14.8/15

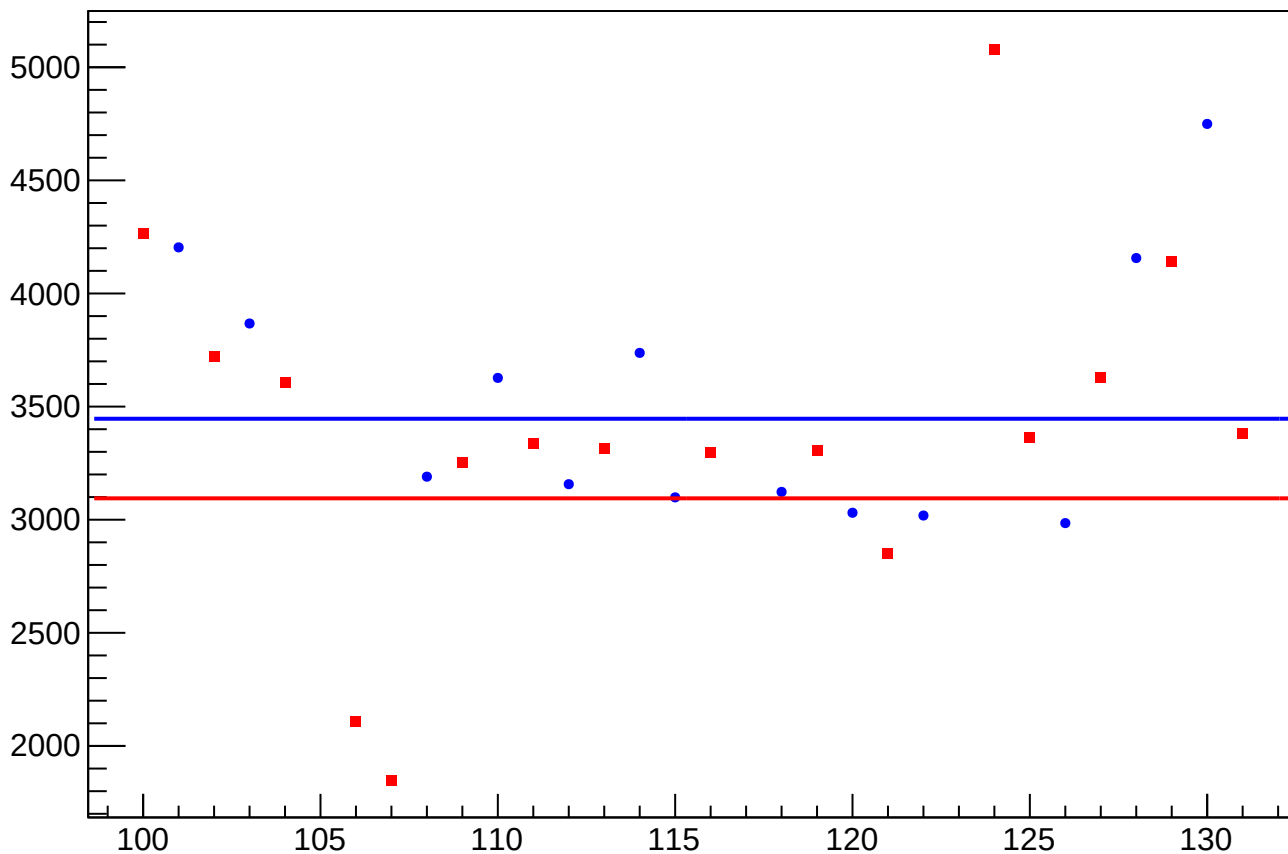
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.484 $\pm$ 962.095 χ^2 /NDF: 26.6/28

- 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: 3446.286 $\pm$ 1.051 χ^2 /NDF: 245591.6/12

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

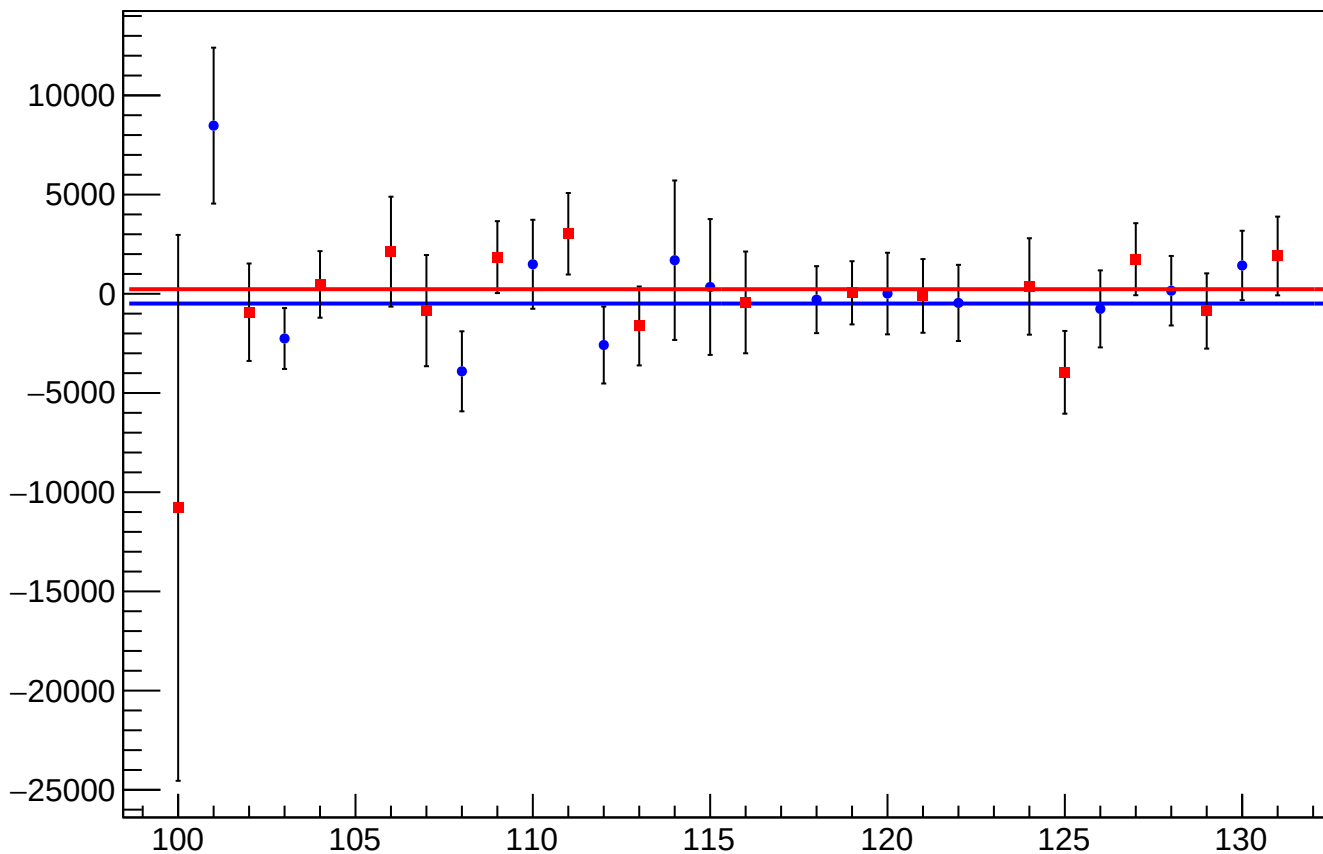
Right Out: 3094.468 $\pm$ 0.893 χ^2 /NDF: 581713.9/15

All: 3241.921 $\pm$ 0.680 χ^2 /NDF: 892416.5/28

- 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_dd_atr_dd_avg_mean vs Slug



Right In: -492.285+/-565.818 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 230.778+/-523.431 χ^2/NDF : 10.9/15

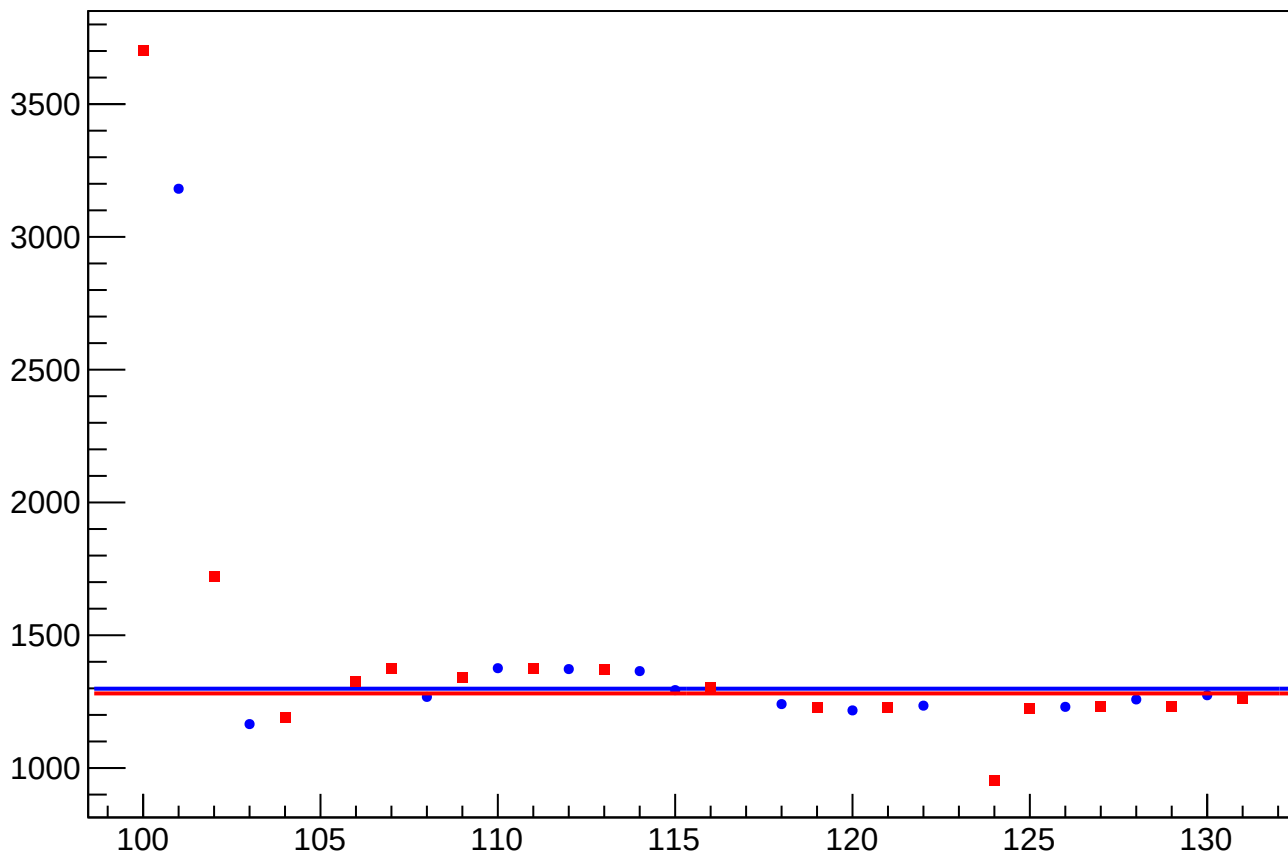
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -102.658+/-384.234 χ^2/NDF : 24.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1298.735+/-0.400 χ^2/NDF : 492173.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1280.923+/-0.370 χ^2/NDF : 190173.5/15

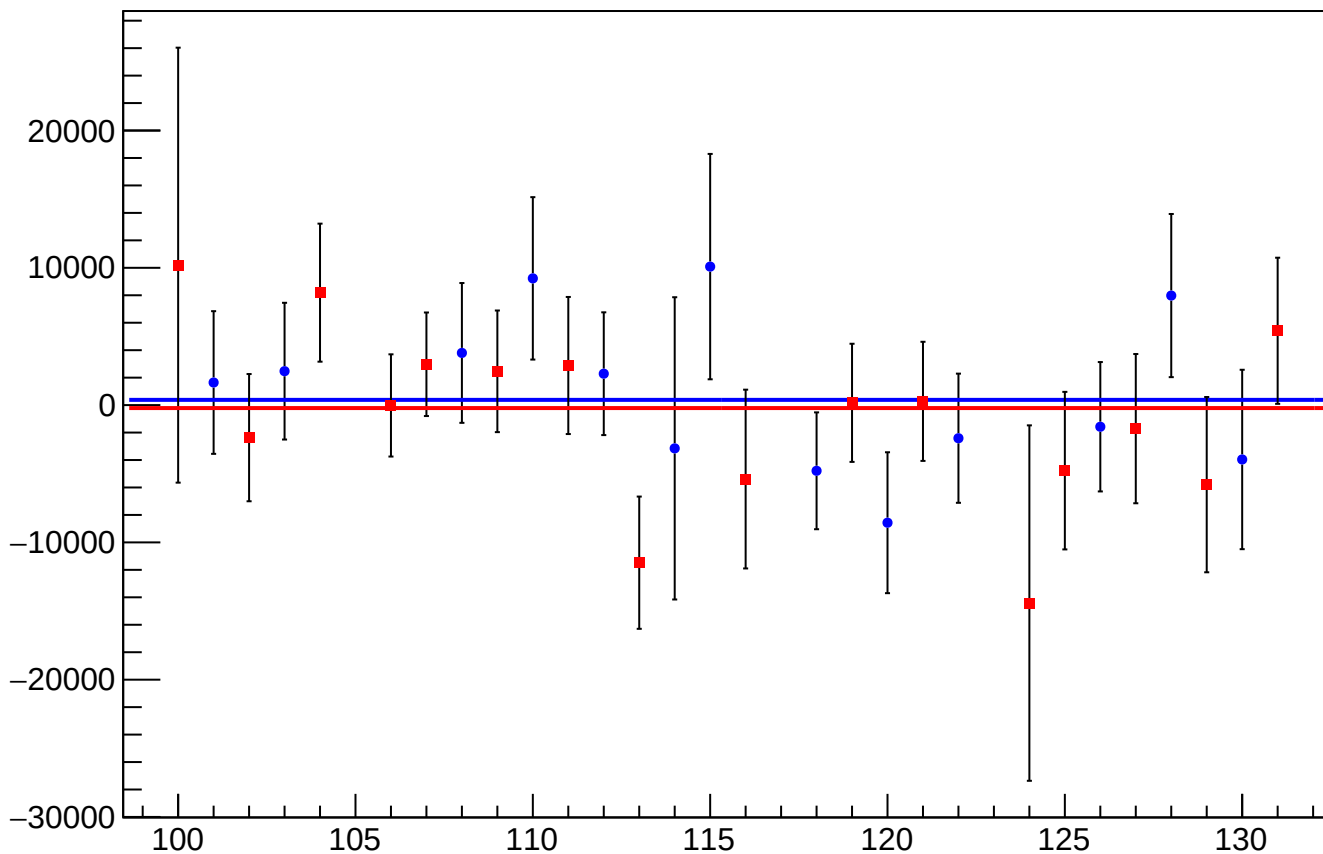
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.129+/-0.272 χ^2/NDF : 683415.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_correction_mean vs Slug



Right In: 381.688 ± 1486.101 χ^2/NDF : 11.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -216.030 ± 1262.329 χ^2/NDF : 14.8/15

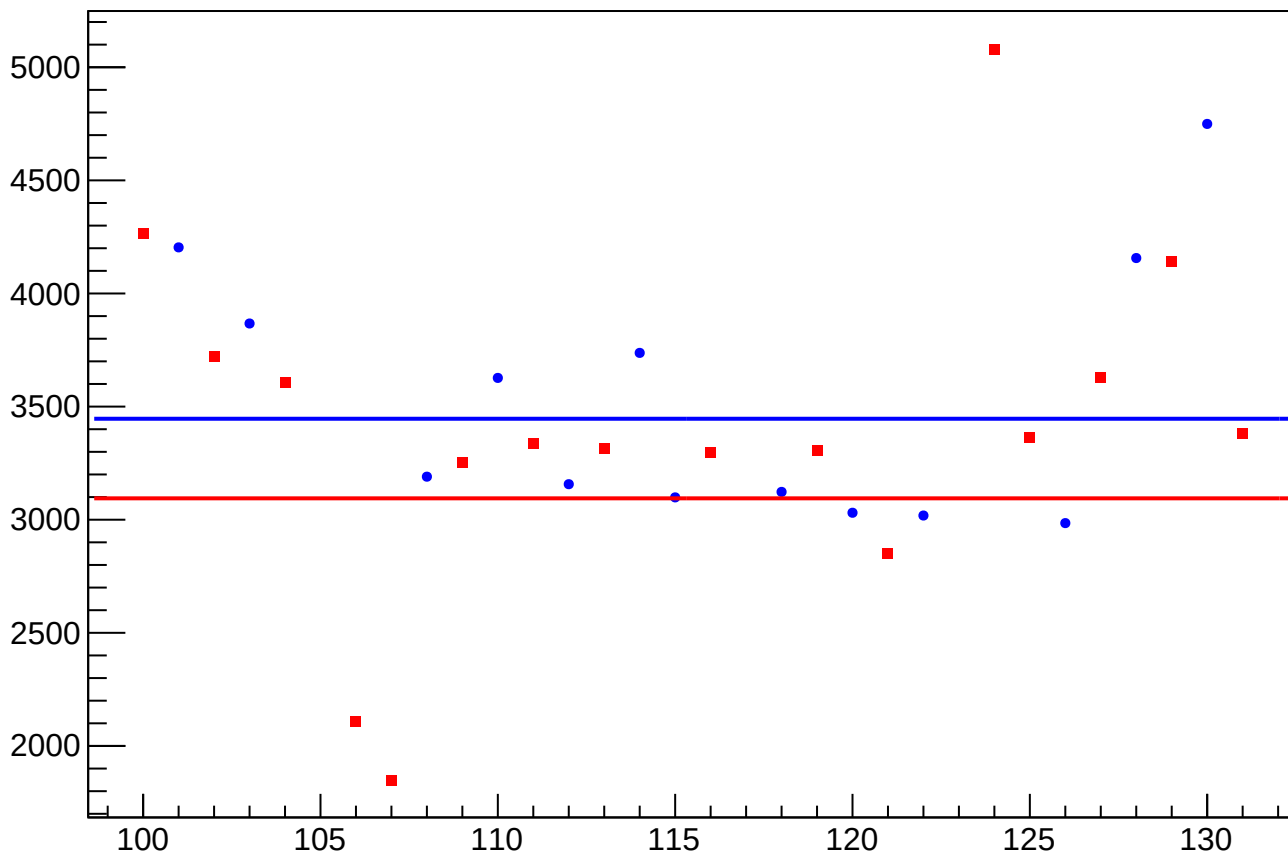
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 34.485 ± 962.092 χ^2/NDF : 26.6/28

- 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: 3446.274+/-1.051 χ^2/NDF : 245593.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

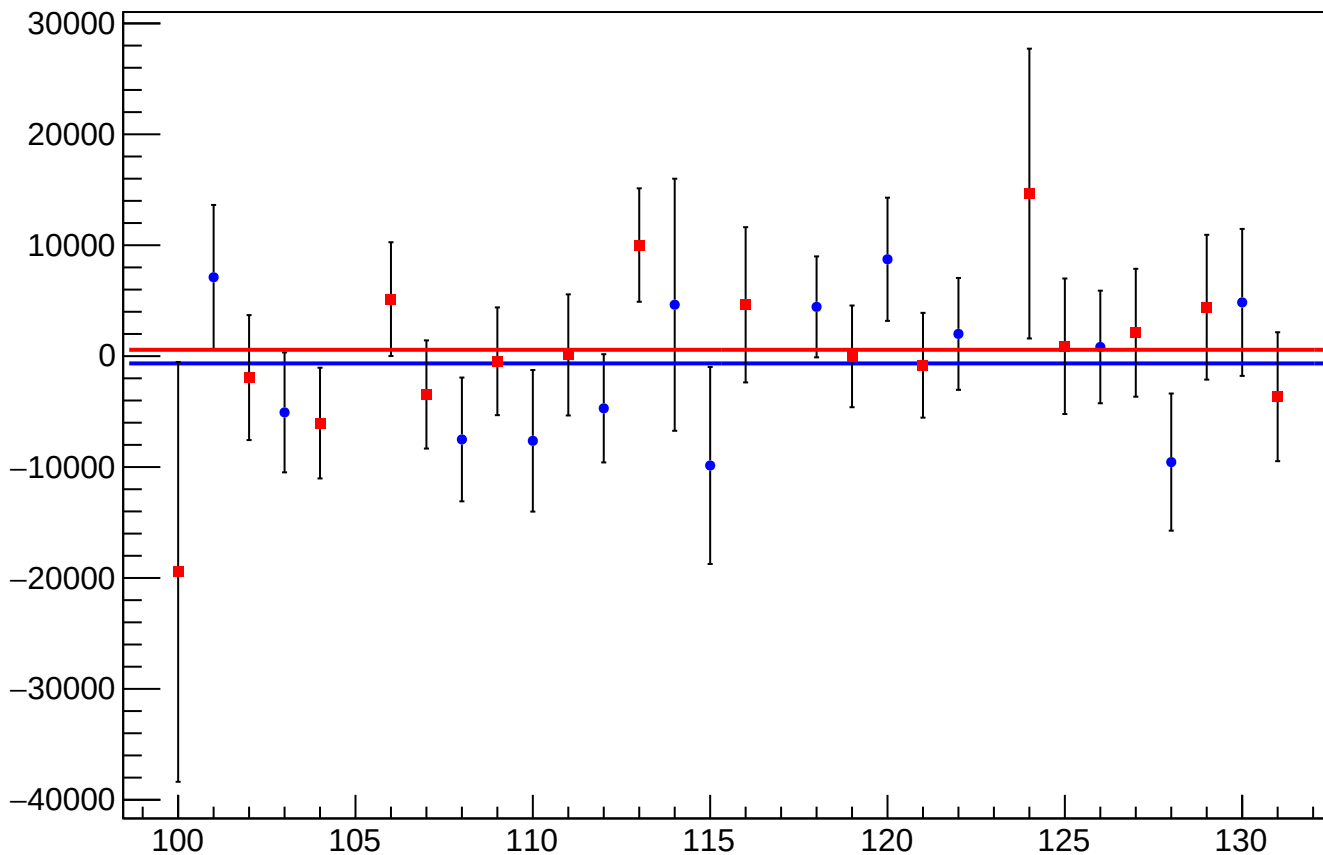
Right Out: 3094.459+/-0.893 χ^2/NDF : 581714.9/15

All: 3241.911+/-0.680 χ^2/NDF : 892419.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -656.473+/-1612.431 χ^2/NDF : 14.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 572.204+/-1418.084 χ^2/NDF : 10.6/15

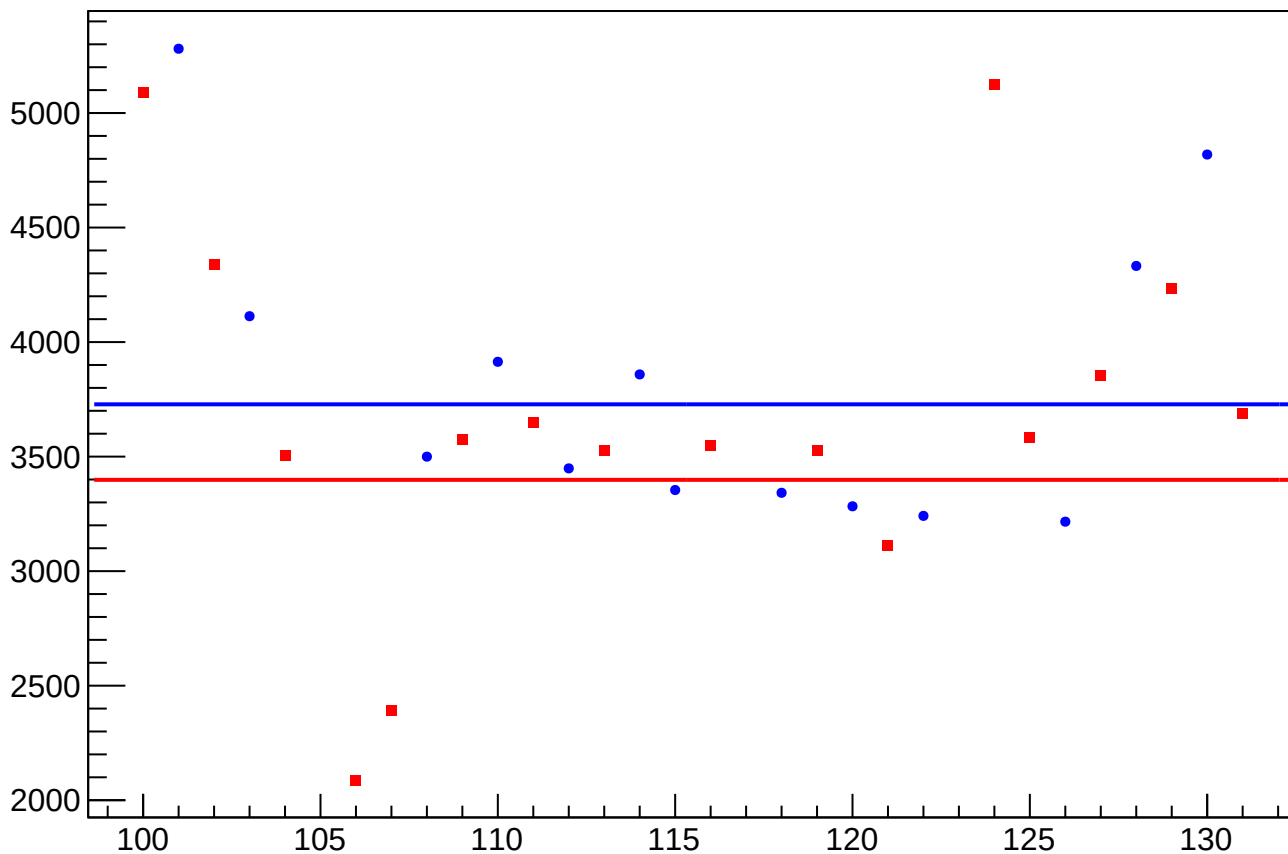
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.338+/-1064.855 χ^2/NDF : 24.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3728.278 ± 1.140 $\chi^2/\text{NDF}: 278567.3/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

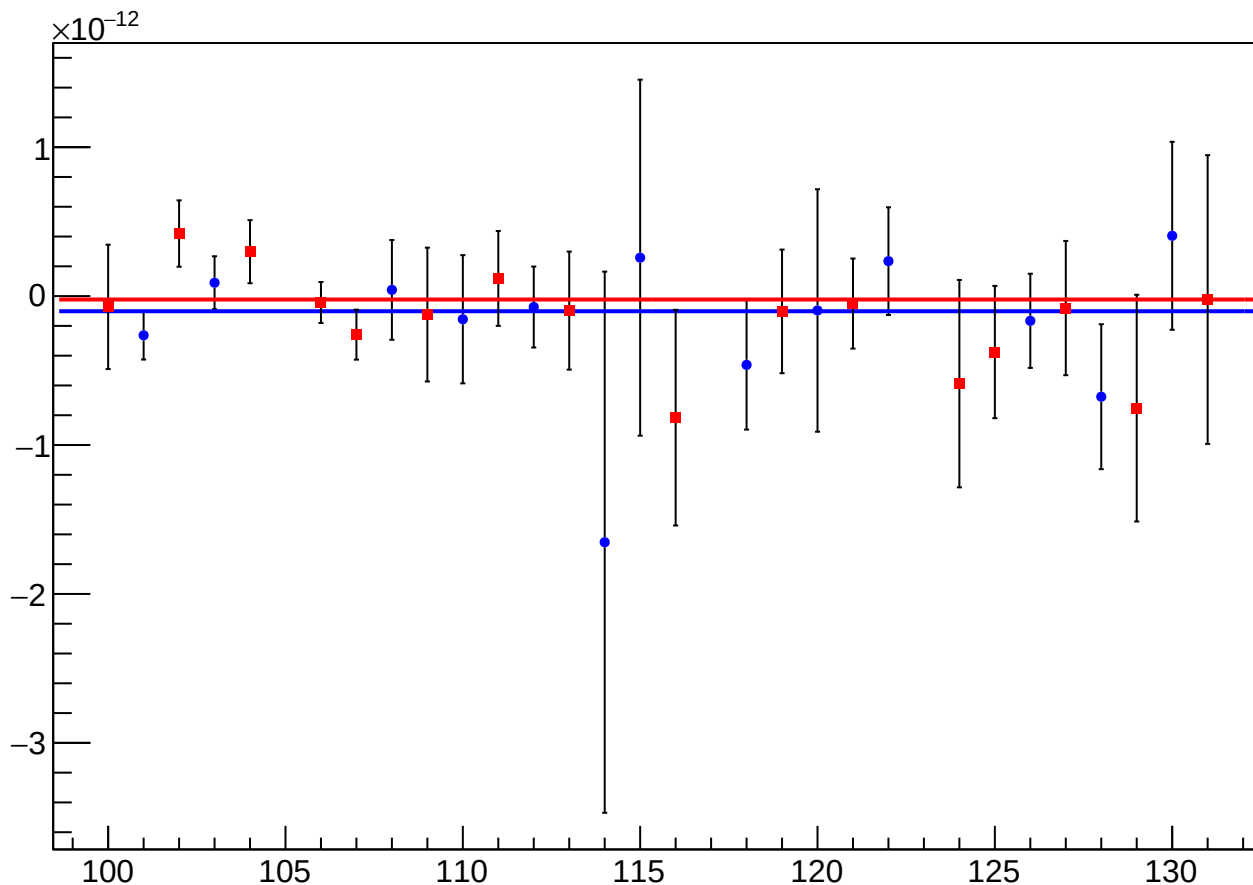
Right Out: 3398.584 ± 0.987 $\chi^2/\text{NDF}: 446719.1/15$

All: 3539.878 ± 0.746 $\chi^2/\text{NDF}: 773069.0/28$

- 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_atl_dd_atr_dd_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.0/15

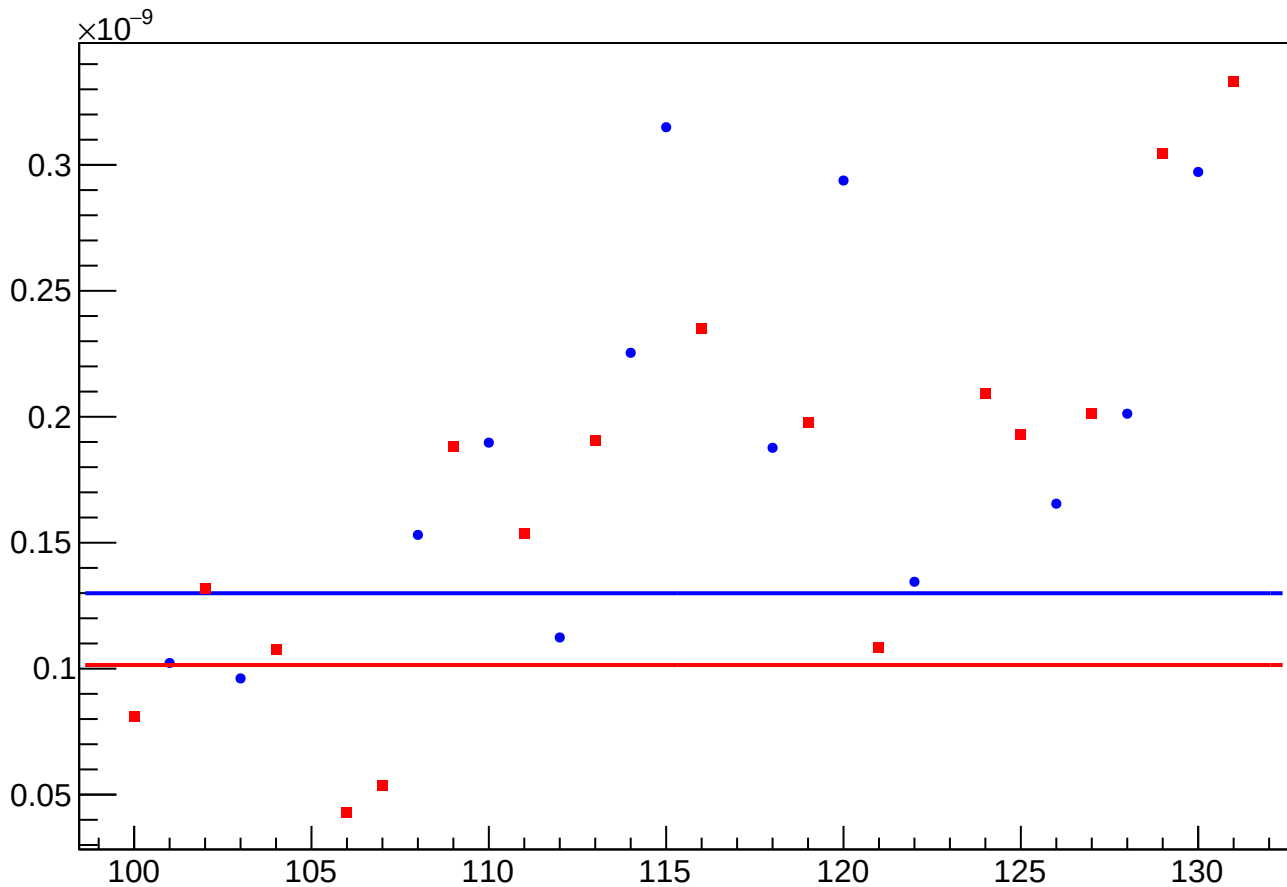
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 19.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 565316.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1464686.4/15

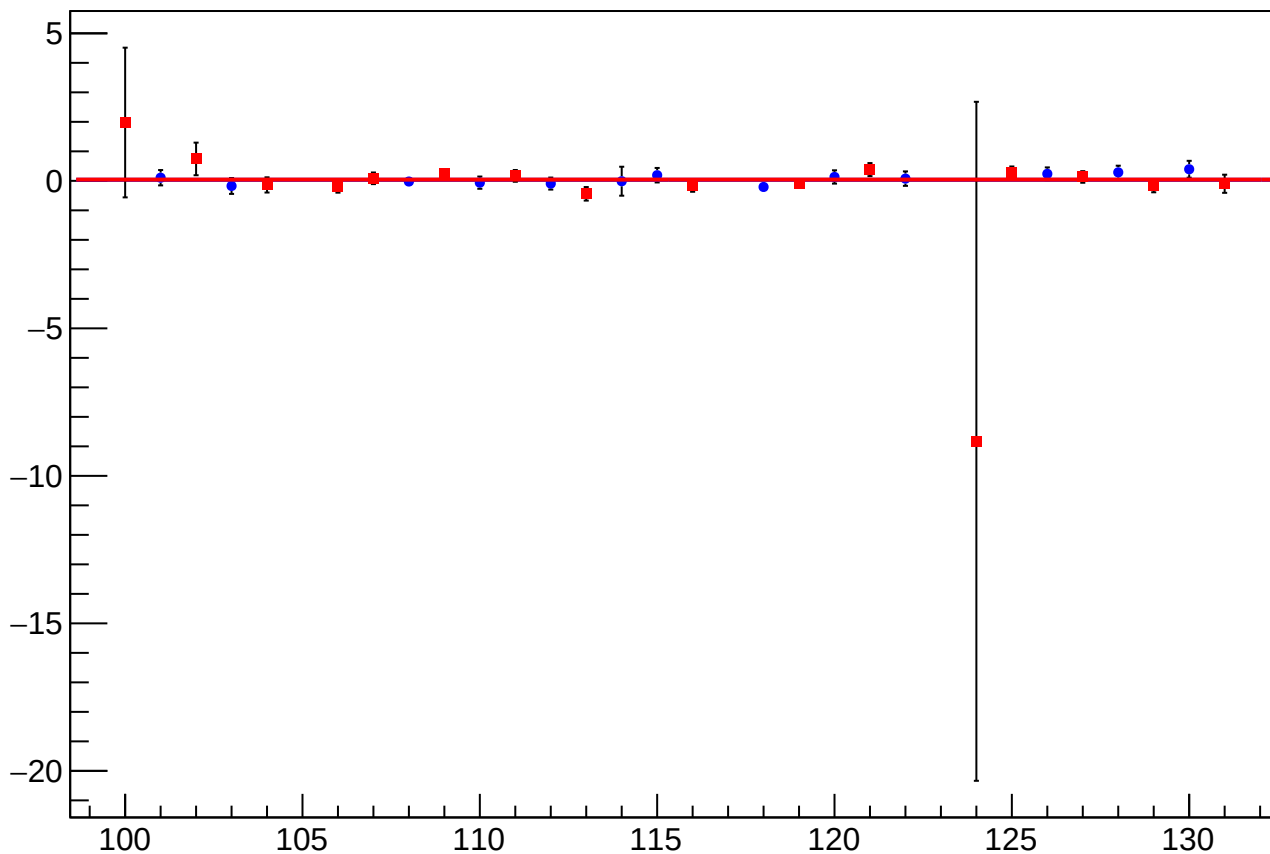
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2155387.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.035 $\pm$ 0.062 χ^2 /NDF: 7.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.042 $\pm$ 0.056 χ^2 /NDF: 18.2/15

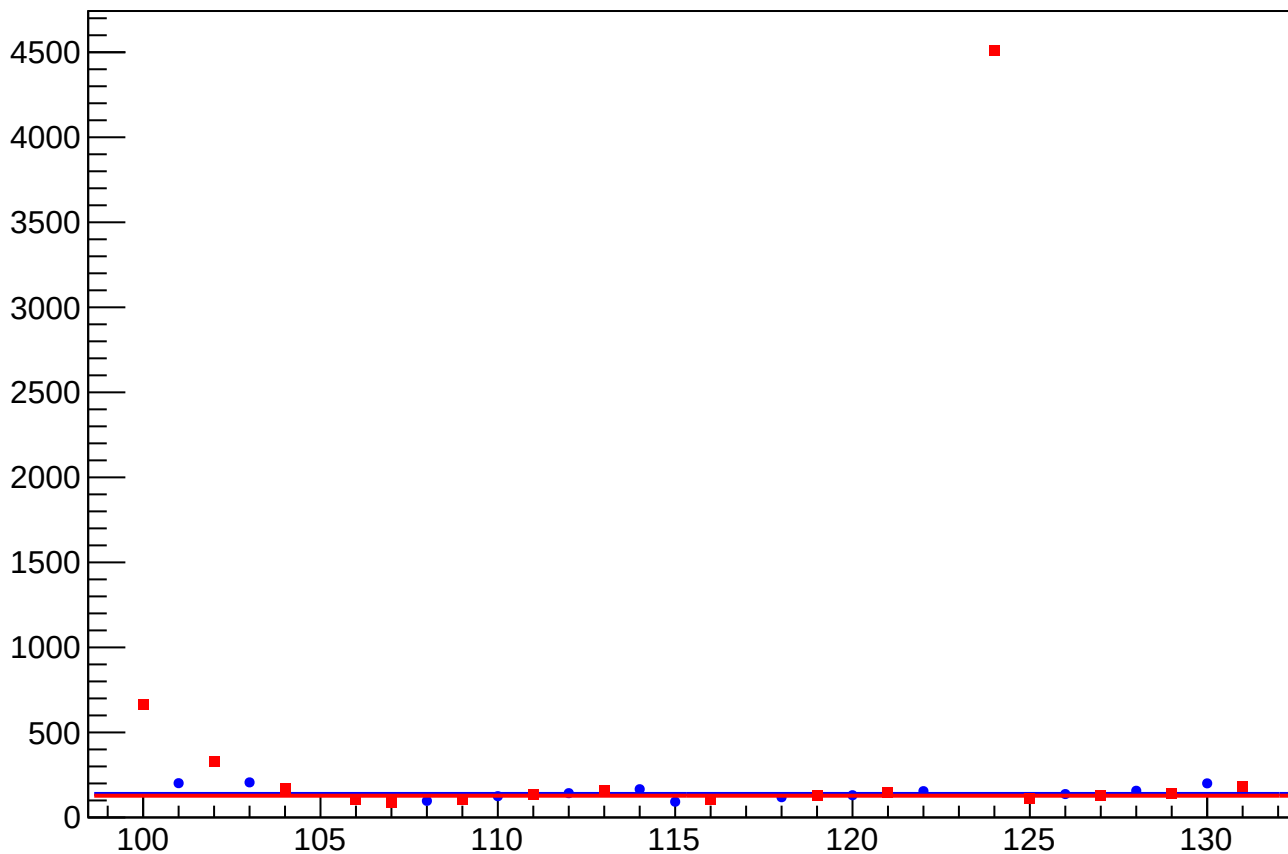
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.039 $\pm$ 0.042 χ^2 /NDF: 26.1/28

- 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: 138.180+/-0.044 χ^2/NDF : 607435.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.898+/-0.040 χ^2/NDF : 986235.7/15

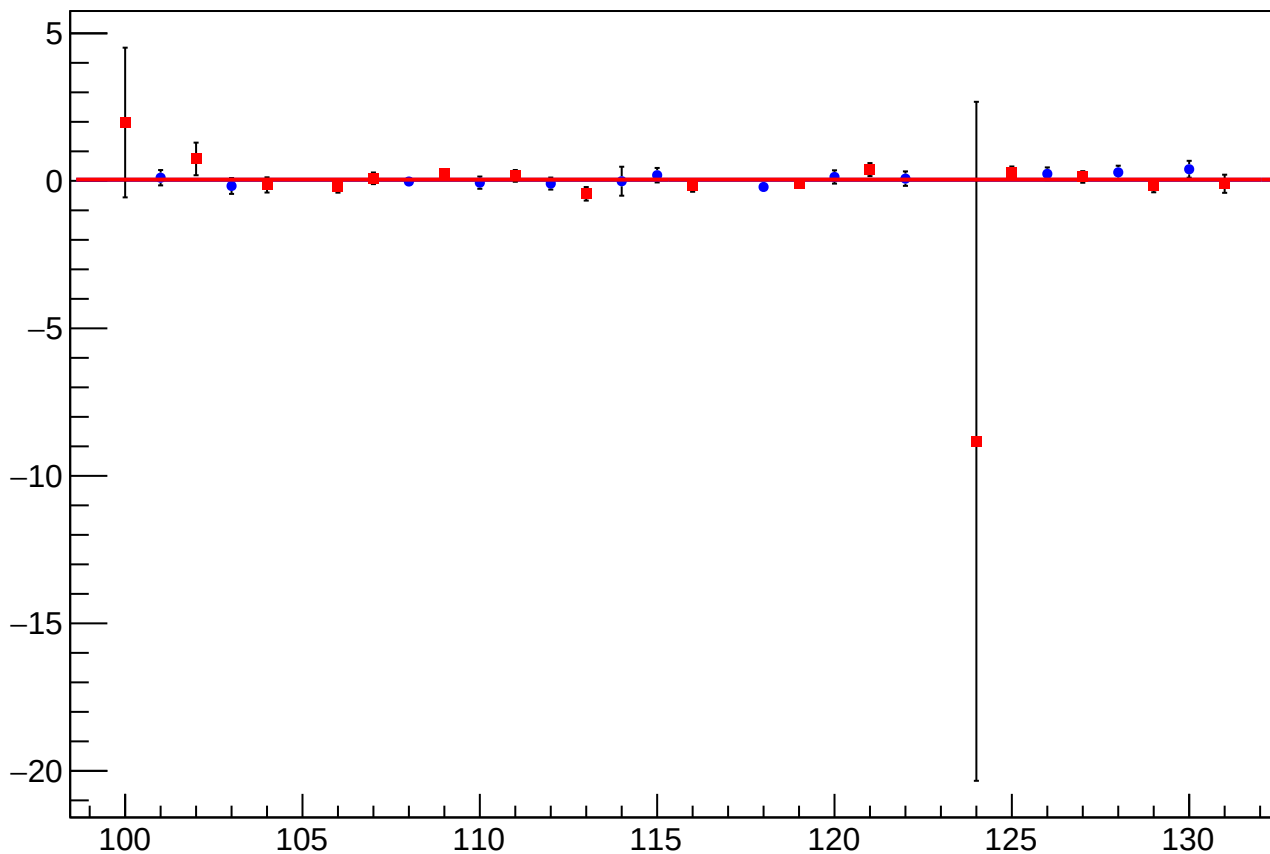
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.551+/-0.029 χ^2/NDF : 1624041.7/28

- 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: 0.035 $\pm$ 0.062 χ^2 /NDF: 7.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.042 $\pm$ 0.056 χ^2 /NDF: 18.2/15

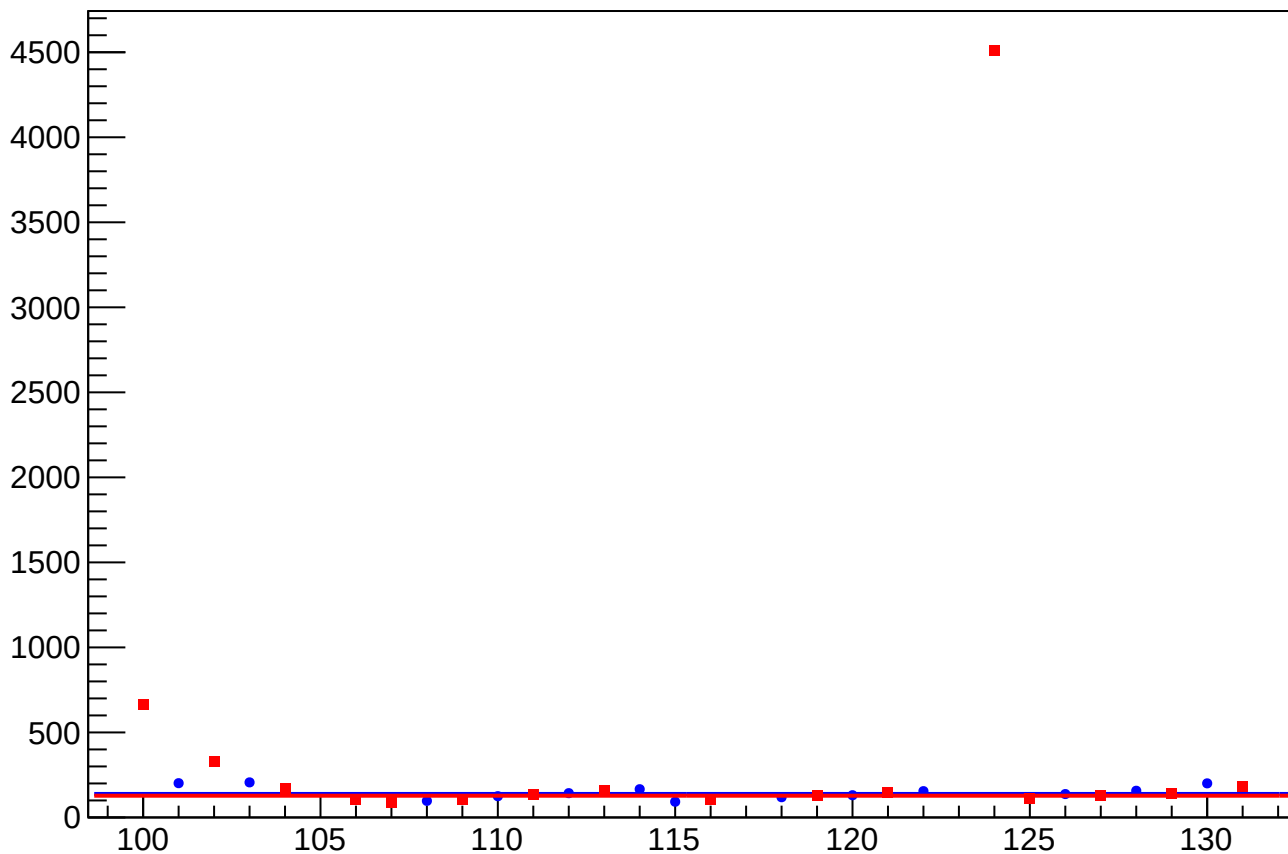
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.039 $\pm$ 0.042 χ^2 /NDF: 26.1/28

- 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: 138.180+/-0.044 χ^2/NDF : 607435.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.898+/-0.040 χ^2/NDF : 986235.7/15

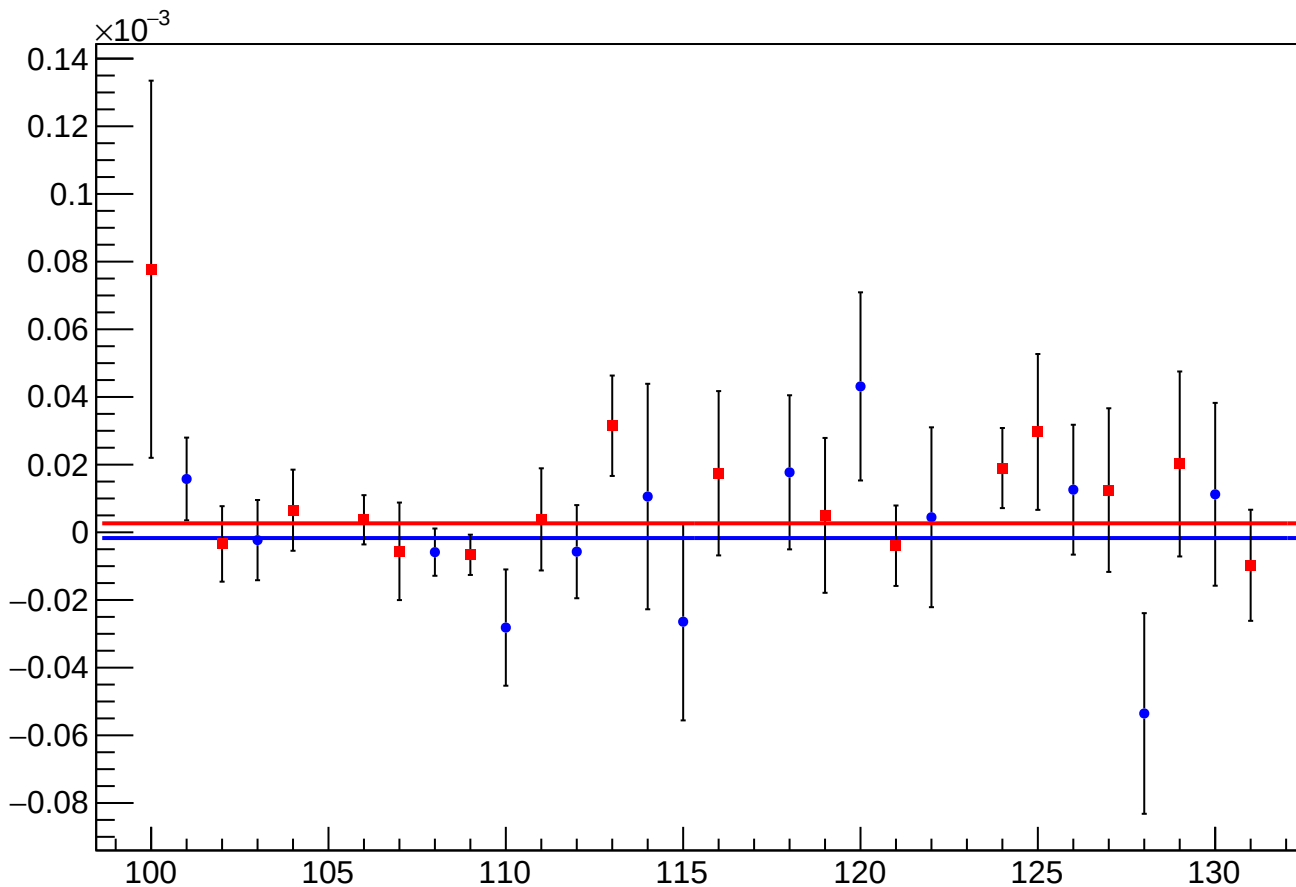
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.551+/-0.029 χ^2/NDF : 1624041.7/28

- 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 : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.9/15

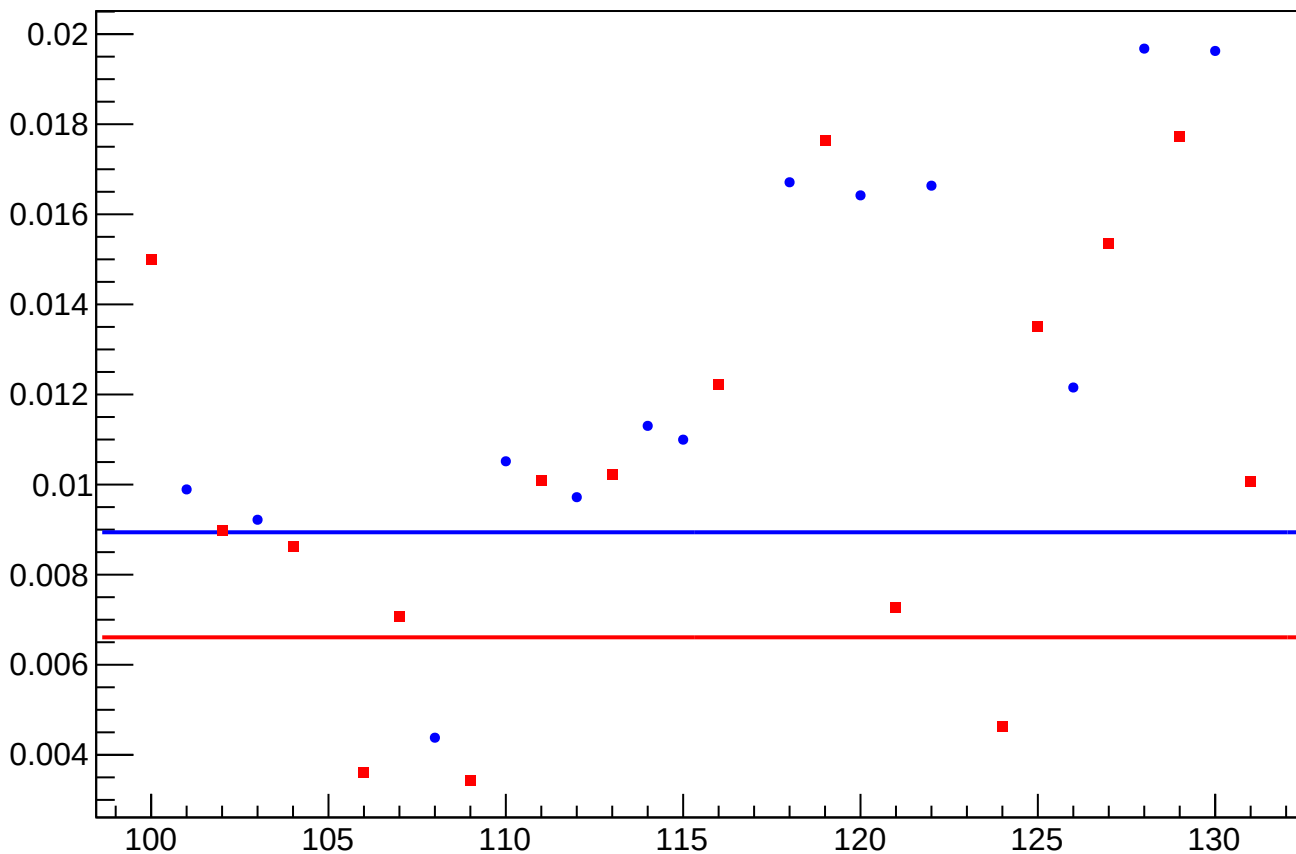
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.5/28

- 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: 0.009+/-0.000 χ^2/NDF : 2085354.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 2821437.5/15

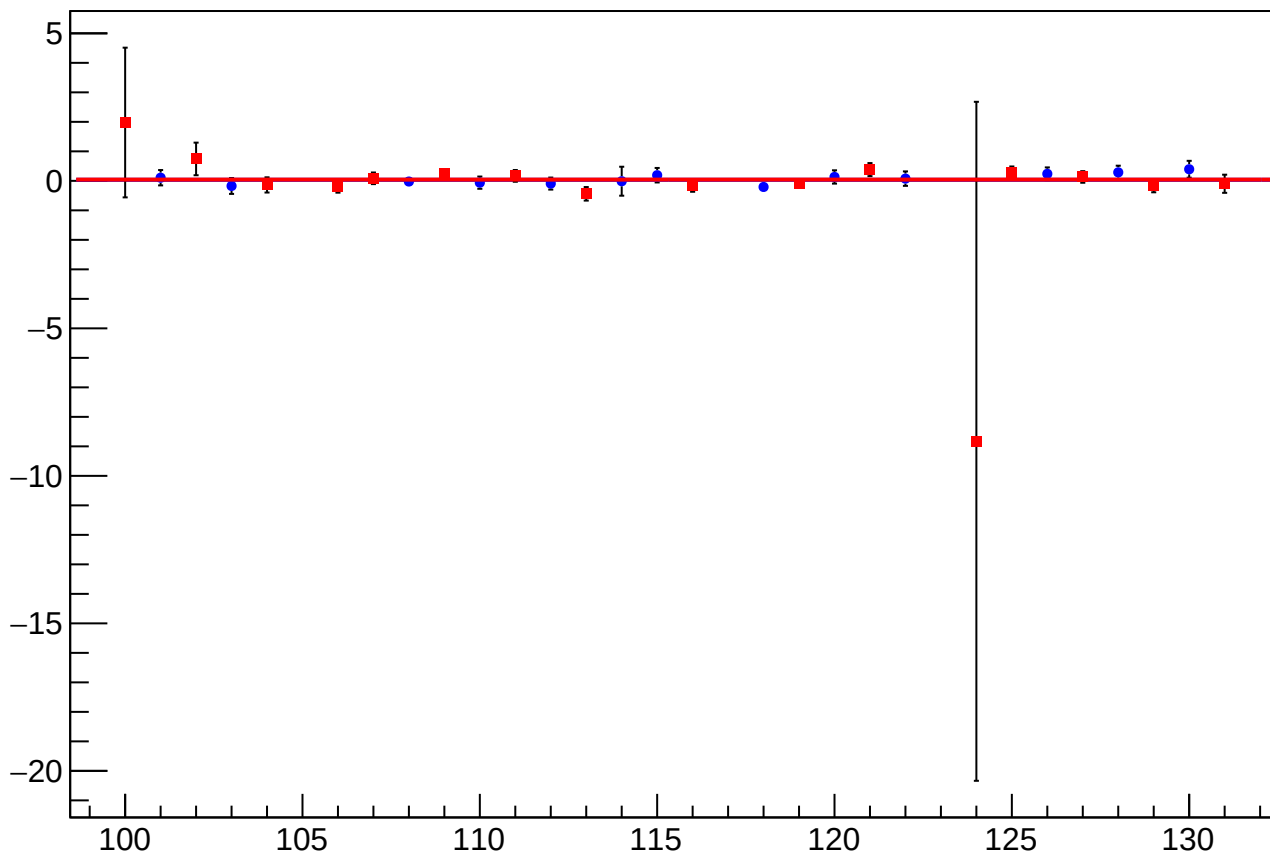
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 5295802.5/28

- 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: 0.035 $\pm$ 0.062 χ^2 /NDF: 7.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.042 $\pm$ 0.056 χ^2 /NDF: 18.2/15

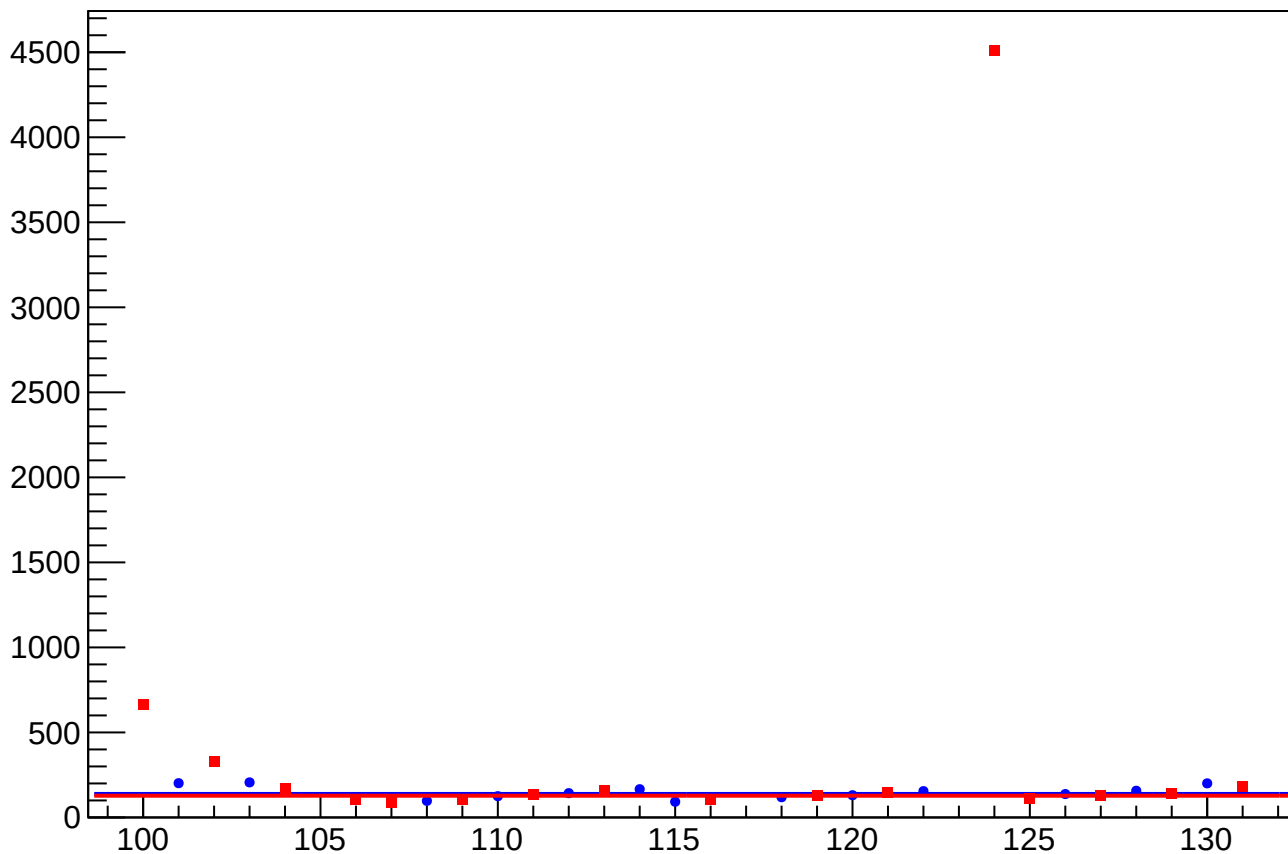
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.039 $\pm$ 0.042 χ^2 /NDF: 26.1/28

- 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: 138.180+/-0.044 χ^2/NDF : 607359.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.900+/-0.040 χ^2/NDF : 986165.7/15

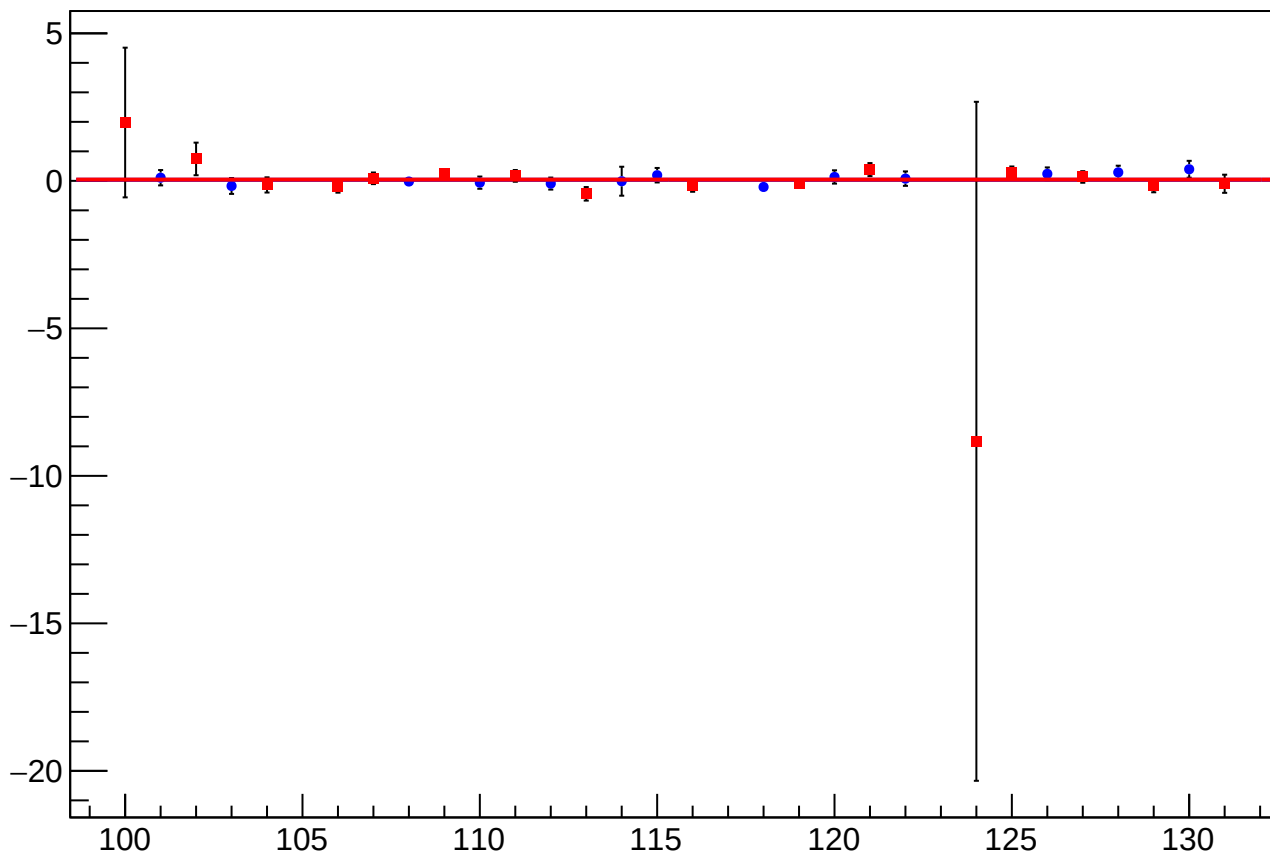
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.552+/-0.029 χ^2/NDF : 1623887.4/28

- 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: 0.035 $\pm$ 0.062 χ^2 /NDF: 7.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.042 $\pm$ 0.056 χ^2 /NDF: 18.2/15

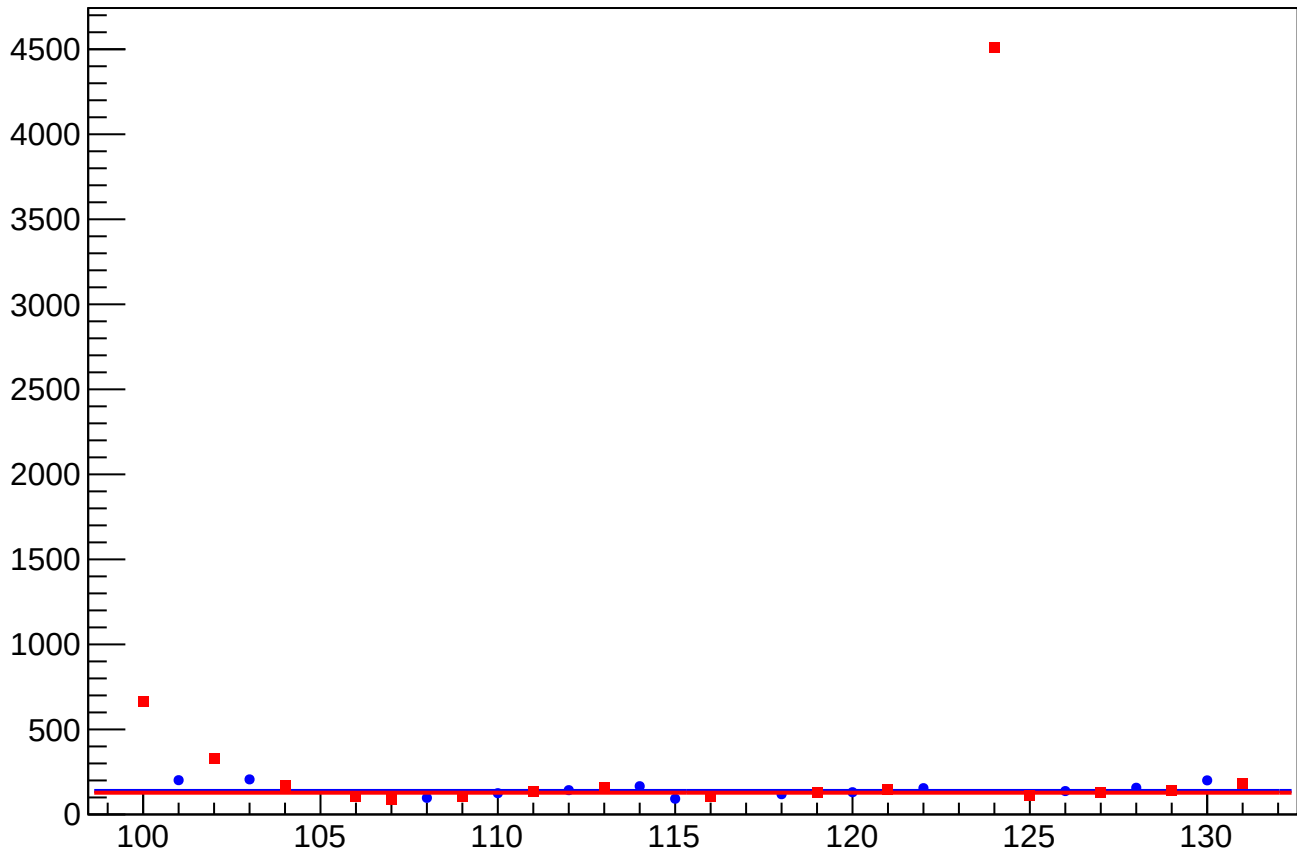
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.039 $\pm$ 0.042 χ^2 /NDF: 26.1/28

- 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: 138.180+/-0.044 χ^2/NDF : 607359.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.900+/-0.040 χ^2/NDF : 986165.7/15

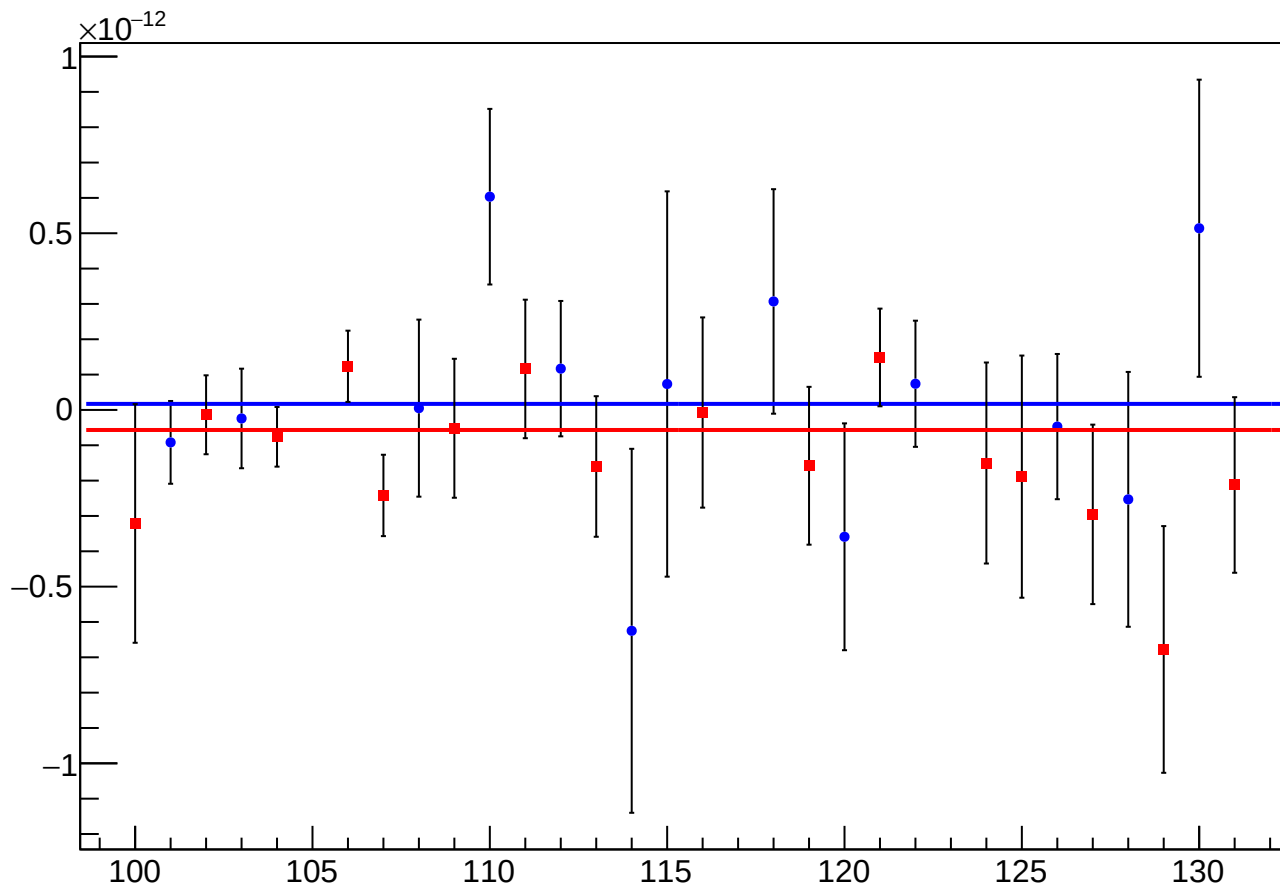
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.552+/-0.029 χ^2/NDF : 1623887.4/28

- 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 : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.8/15

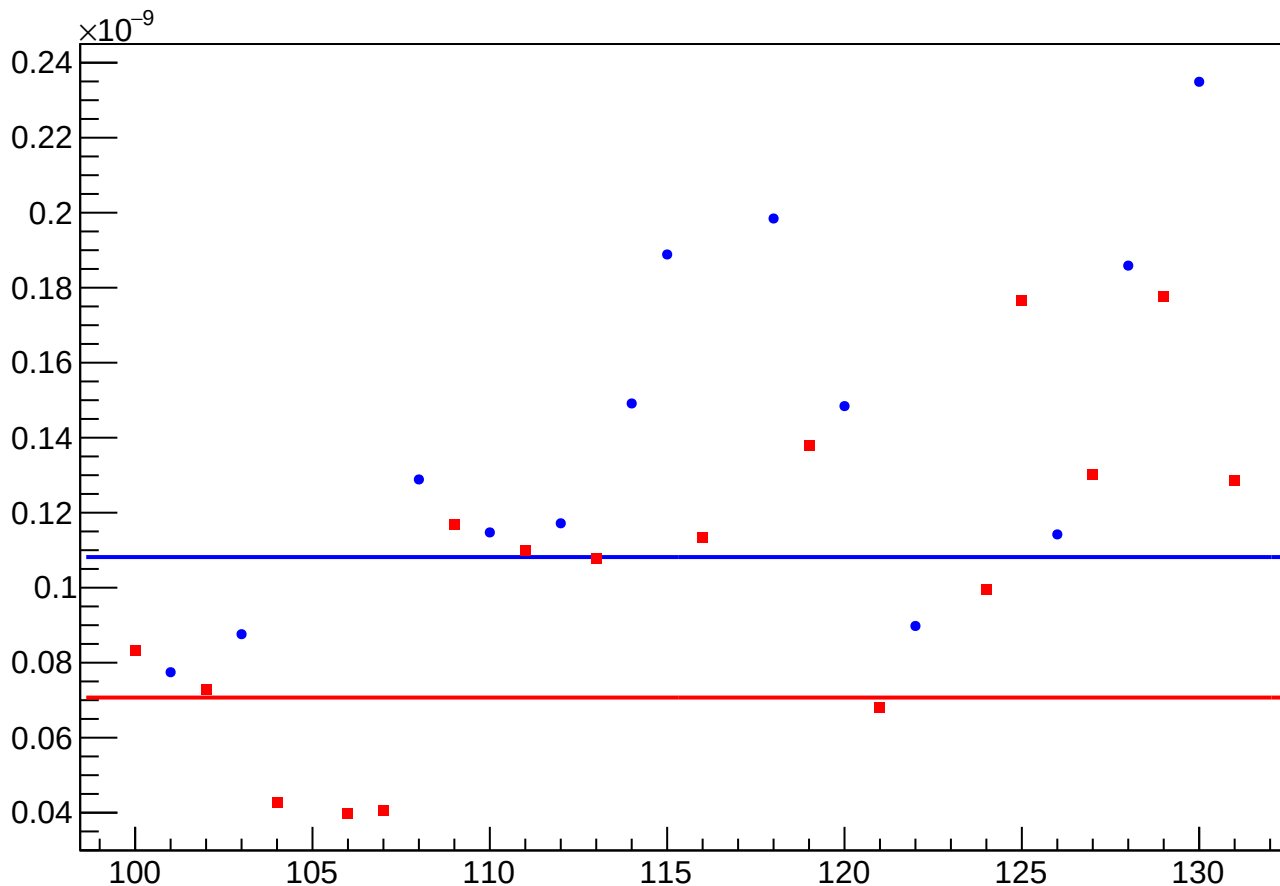
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.6/28

- 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+/-0.000 χ^2/NDF : 746722.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1655056.2/15

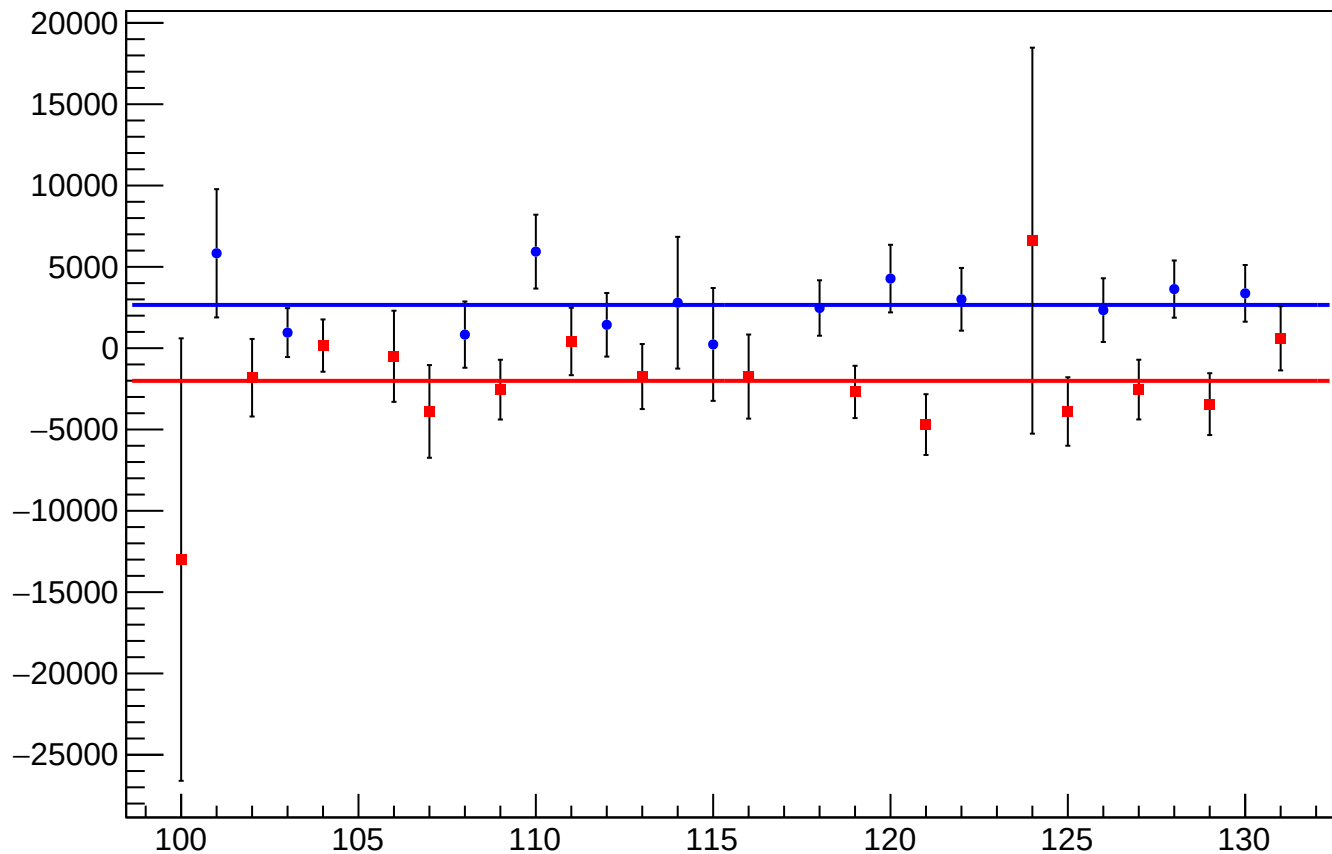
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2942370.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2659.850+/-567.541 χ^2 /NDF: 6.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -2008.189+/-535.768 χ^2 /NDF: 10.7/15

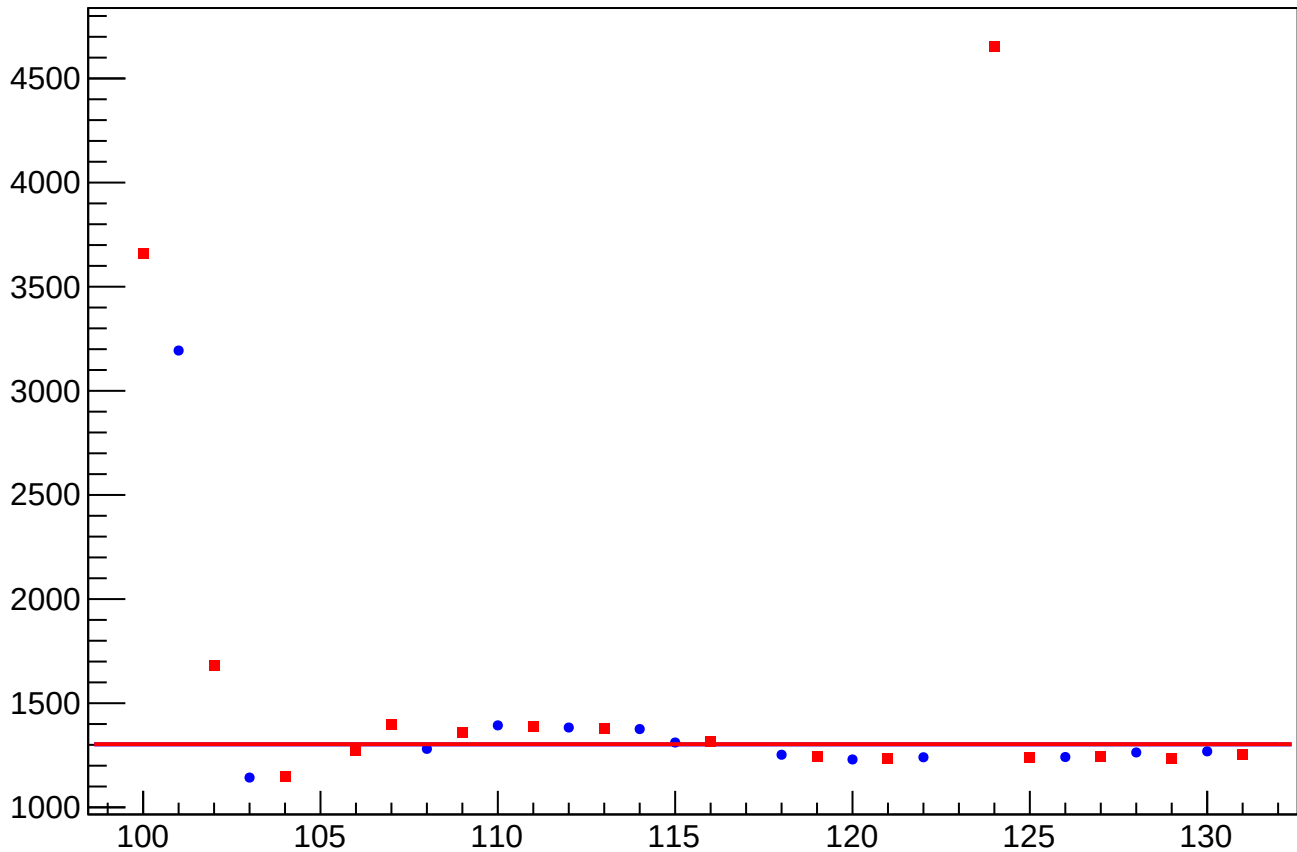
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 191.514+/-389.594 χ^2 /NDF: 53.3/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1302.352+/-0.401 χ^2/NDF : 499875.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1303.251+/-0.378 χ^2/NDF : 311742.4/15

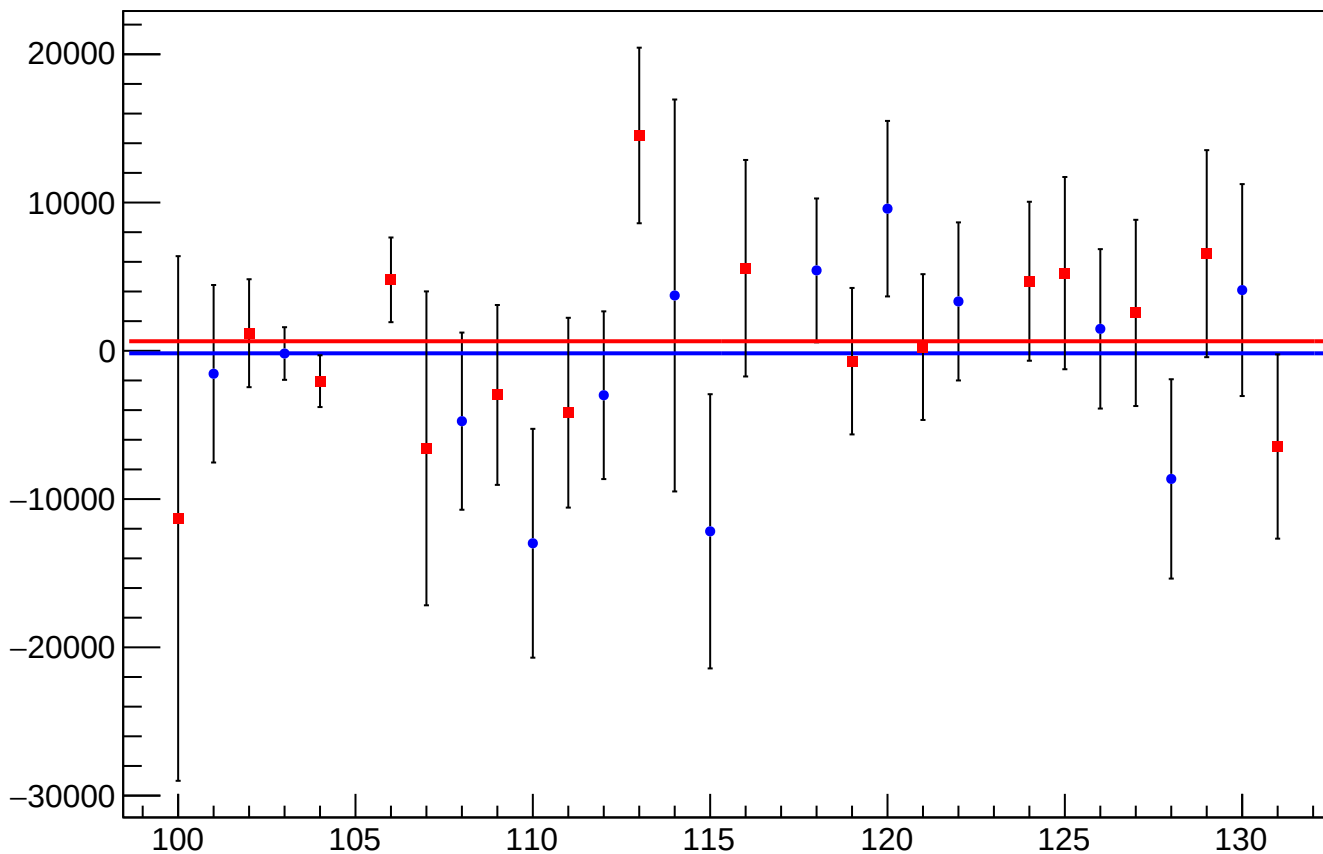
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1302.829+/-0.275 χ^2/NDF : 811620.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_reg_correction_mean vs Slug



Right In: -169.069+/-1268.776 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 644.665+/-1084.819 χ^2/NDF : 15.6/15

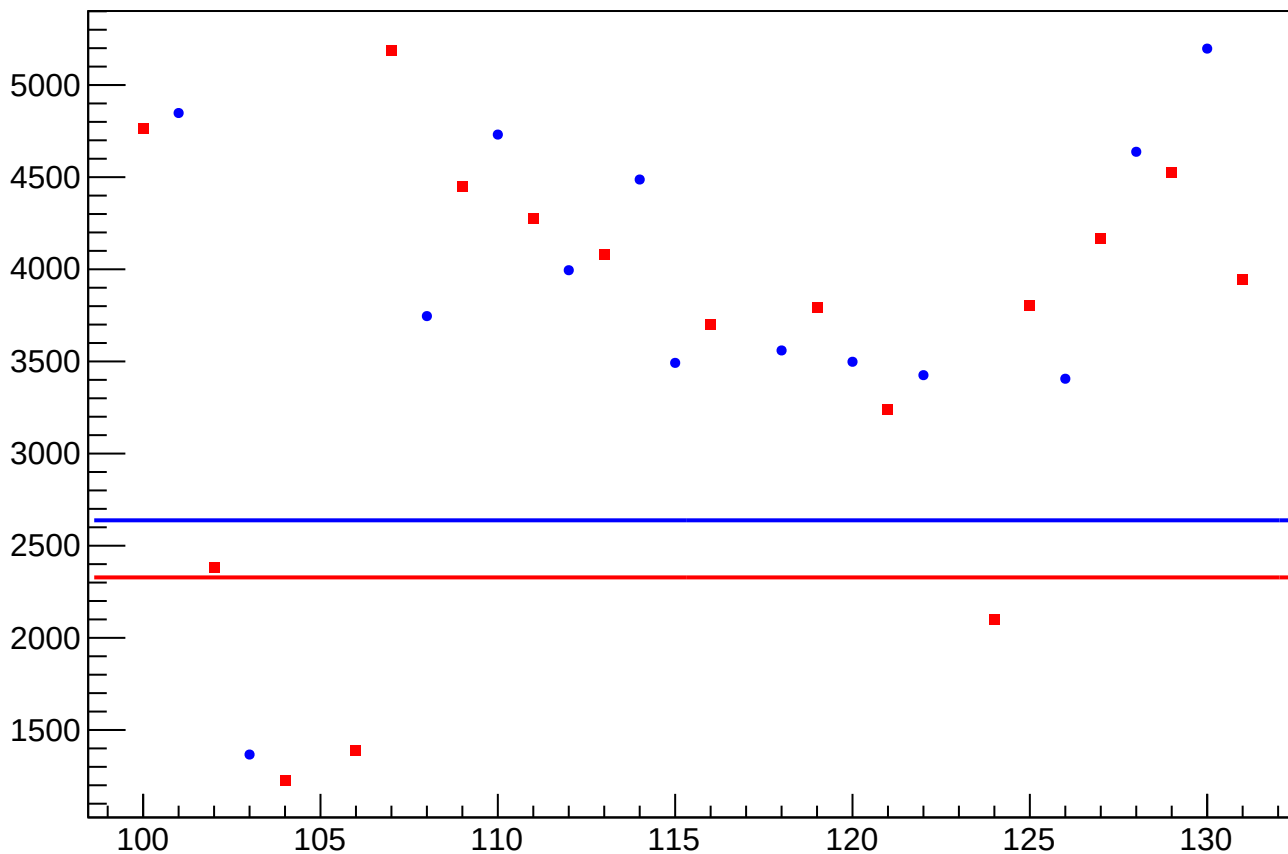
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 301.013+/-824.523 χ^2/NDF : 27.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_reg_correction_rms vs Slug



Right In: 2637.800+/-0.897 χ^2/NDF : 2317766.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

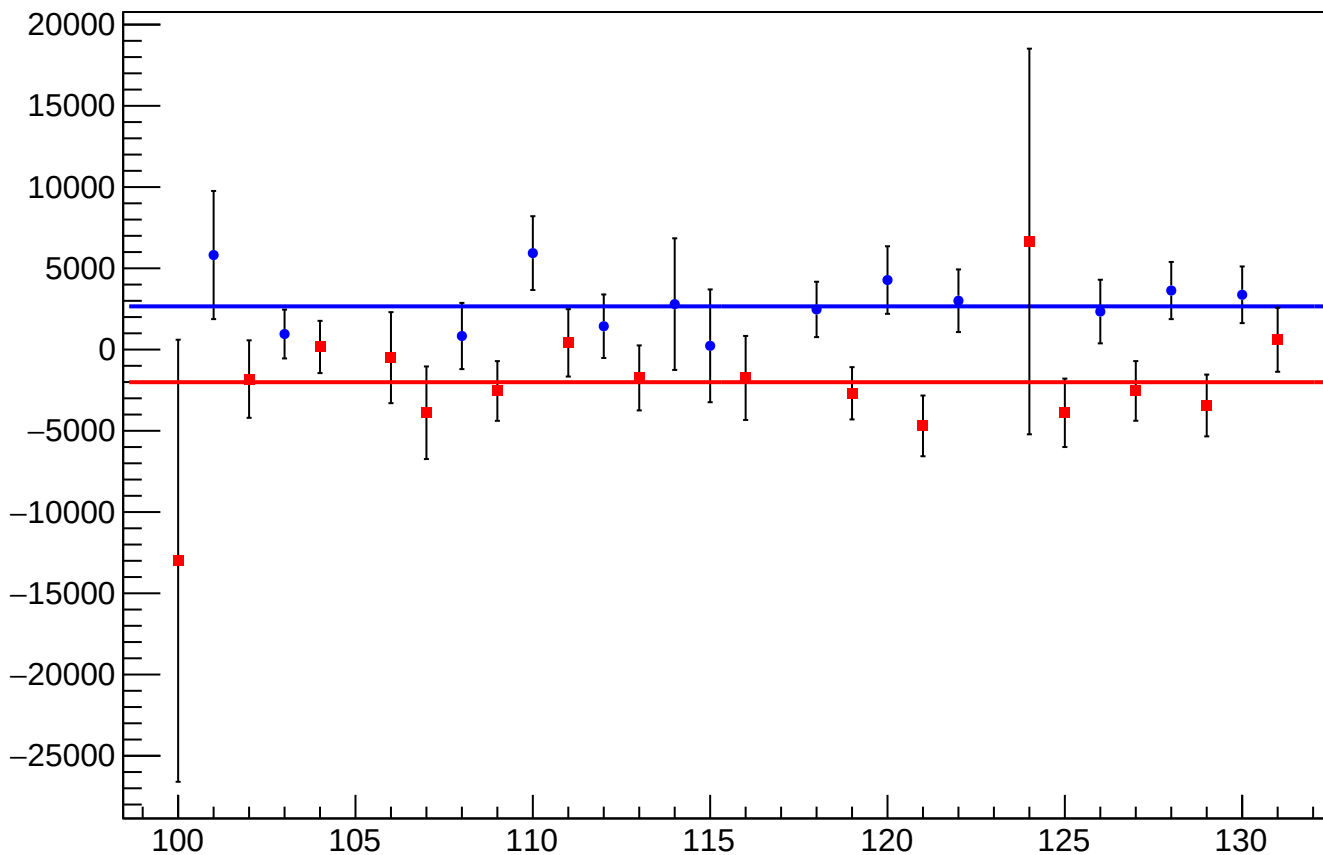
Right Out: 2327.998+/-0.767 χ^2/NDF : 2731045.9/15

All: 2458.832+/-0.583 χ^2/NDF : 5117696.1/28

- 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: 2659.545 $\pm$ 567.541 χ^2 /NDF: 6.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2007.881 $\pm$ 535.768 χ^2 /NDF: 10.7/15

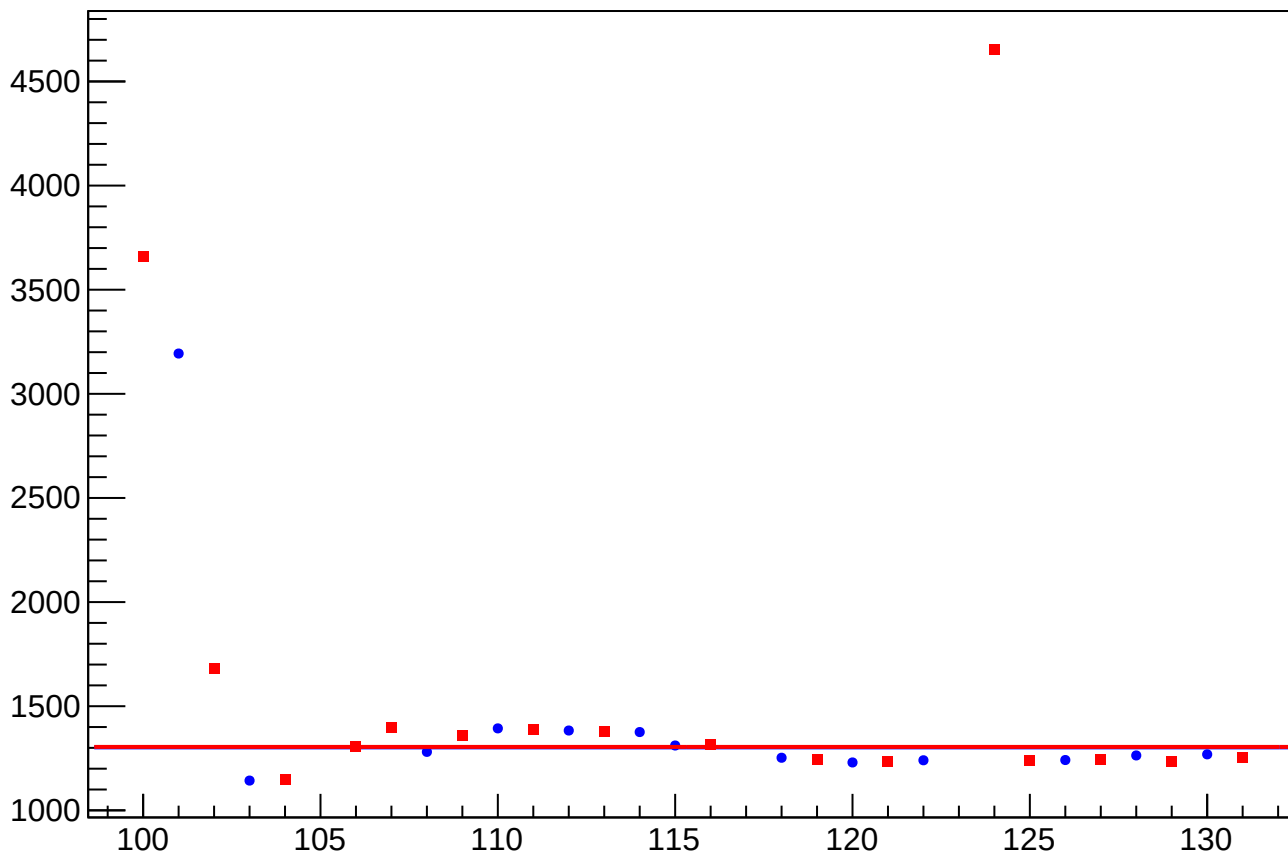
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 191.533 $\pm$ 389.594 χ^2 /NDF: 53.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1302.352+/-0.401 χ^2/NDF : 499876.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

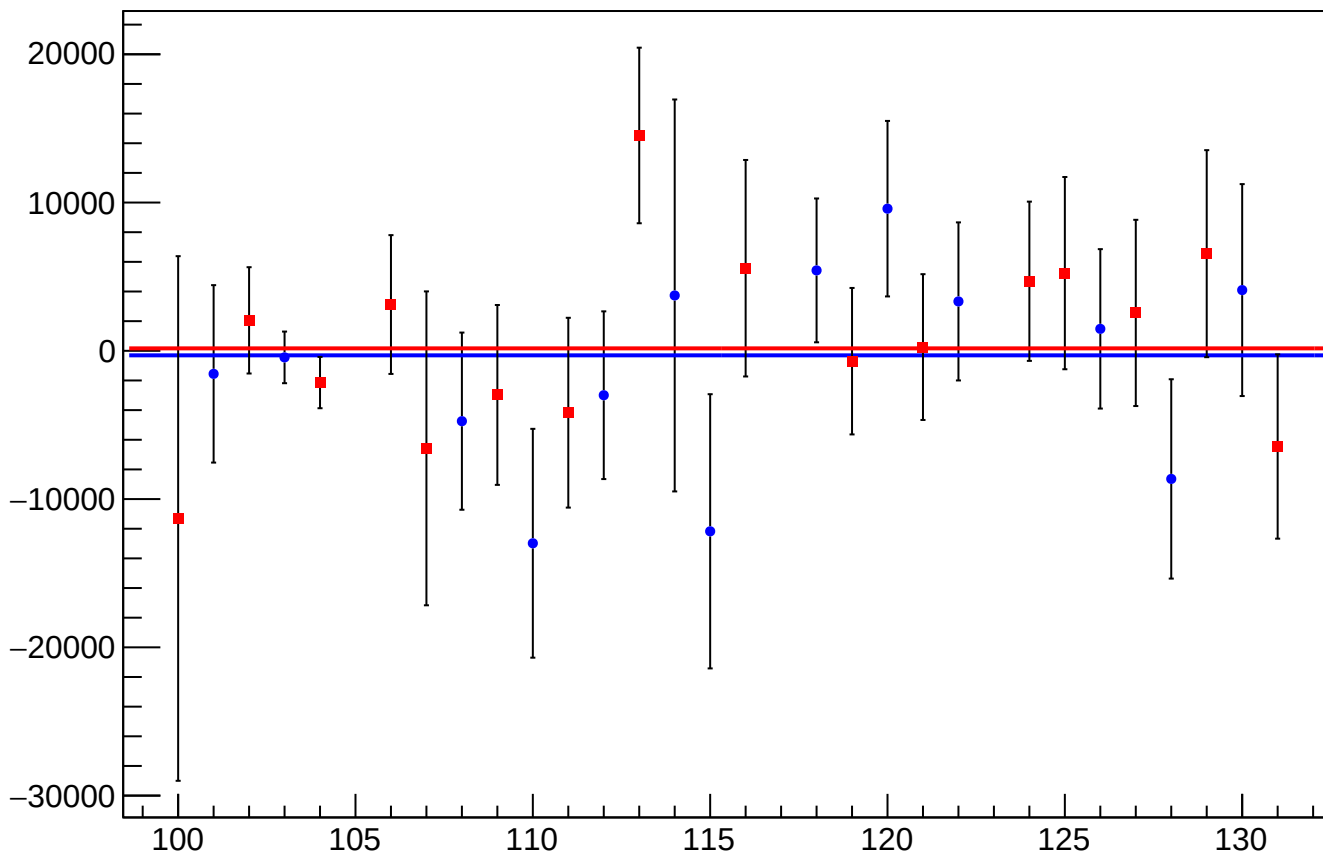
Right Out: 1304.550+/-0.378 χ^2/NDF : 311481.9/15

All: 1303.517+/-0.275 χ^2/NDF : 811374.4/28

- 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_cor_correction_mean vs Slug



Right In: -305.229+/-1256.248 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 164.892+/-1131.427 χ^2/NDF : 13.9/15

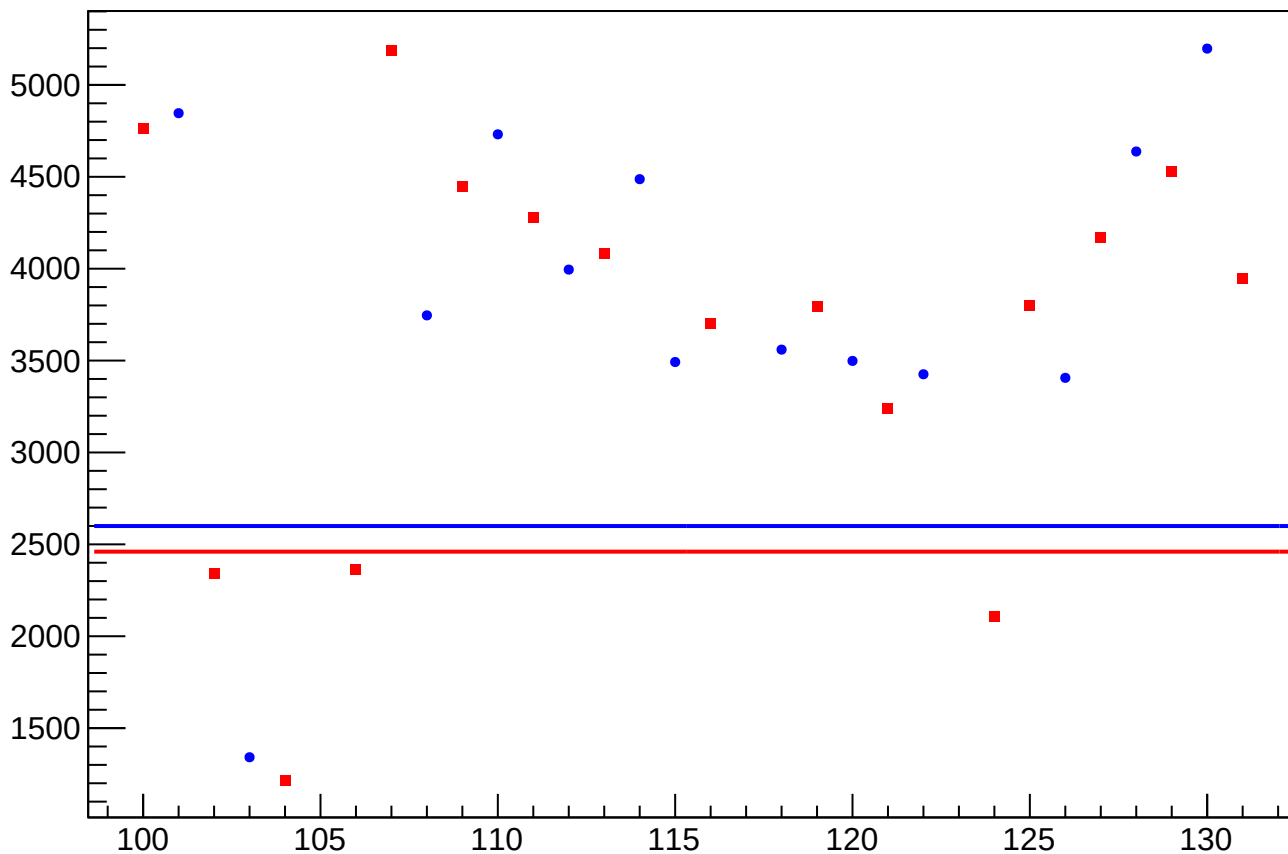
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -45.659+/-840.715 χ^2/NDF : 25.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_cor_correction_rms vs Slug



Right In: 2599.709+/-0.888 χ^2/NDF : 2398619.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2460.288+/-0.800 χ^2/NDF : 2518193.0/15

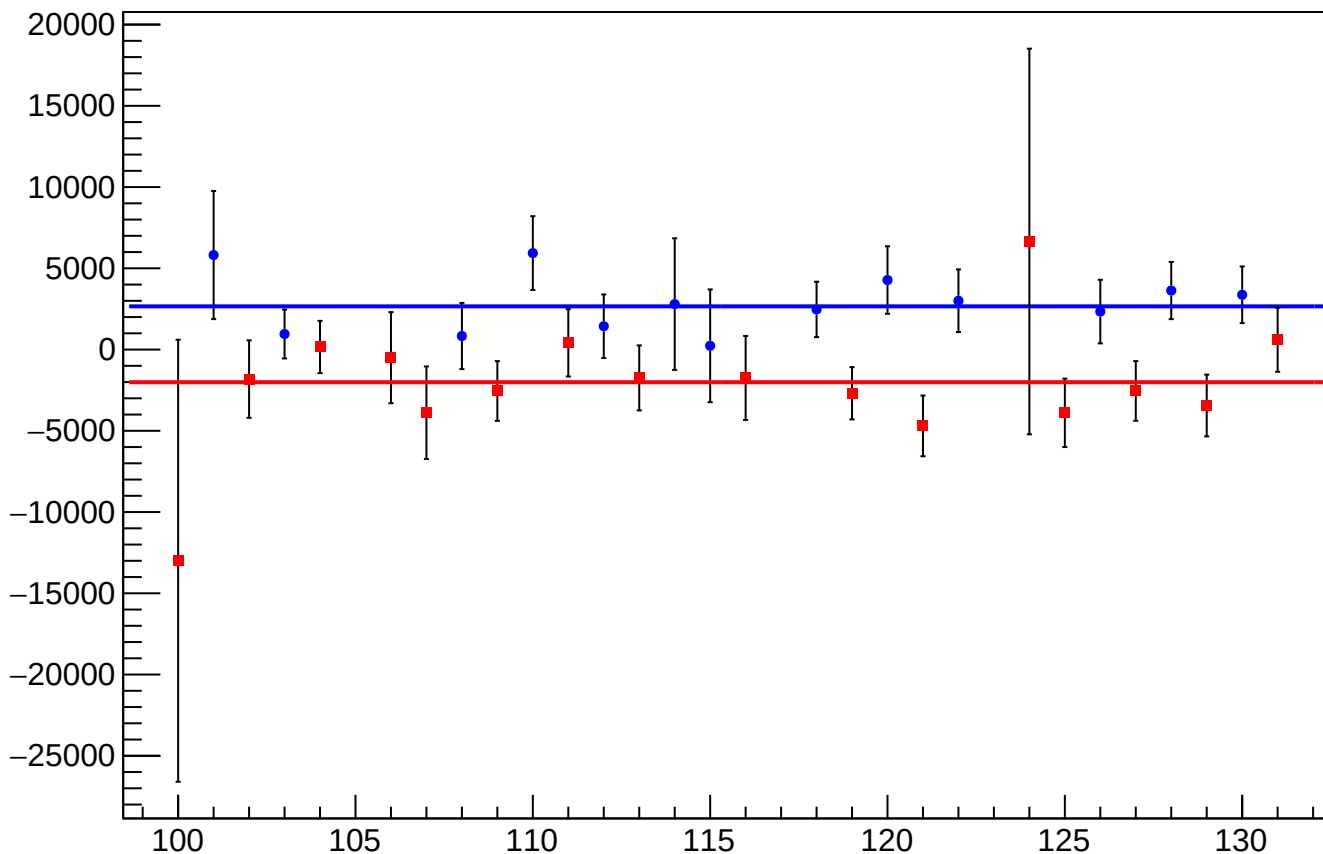
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2522.730+/-0.594 χ^2/NDF : 4930413.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2659.545 $\pm$ 567.541 χ^2 /NDF: 6.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2007.881 $\pm$ 535.768 χ^2 /NDF: 10.7/15

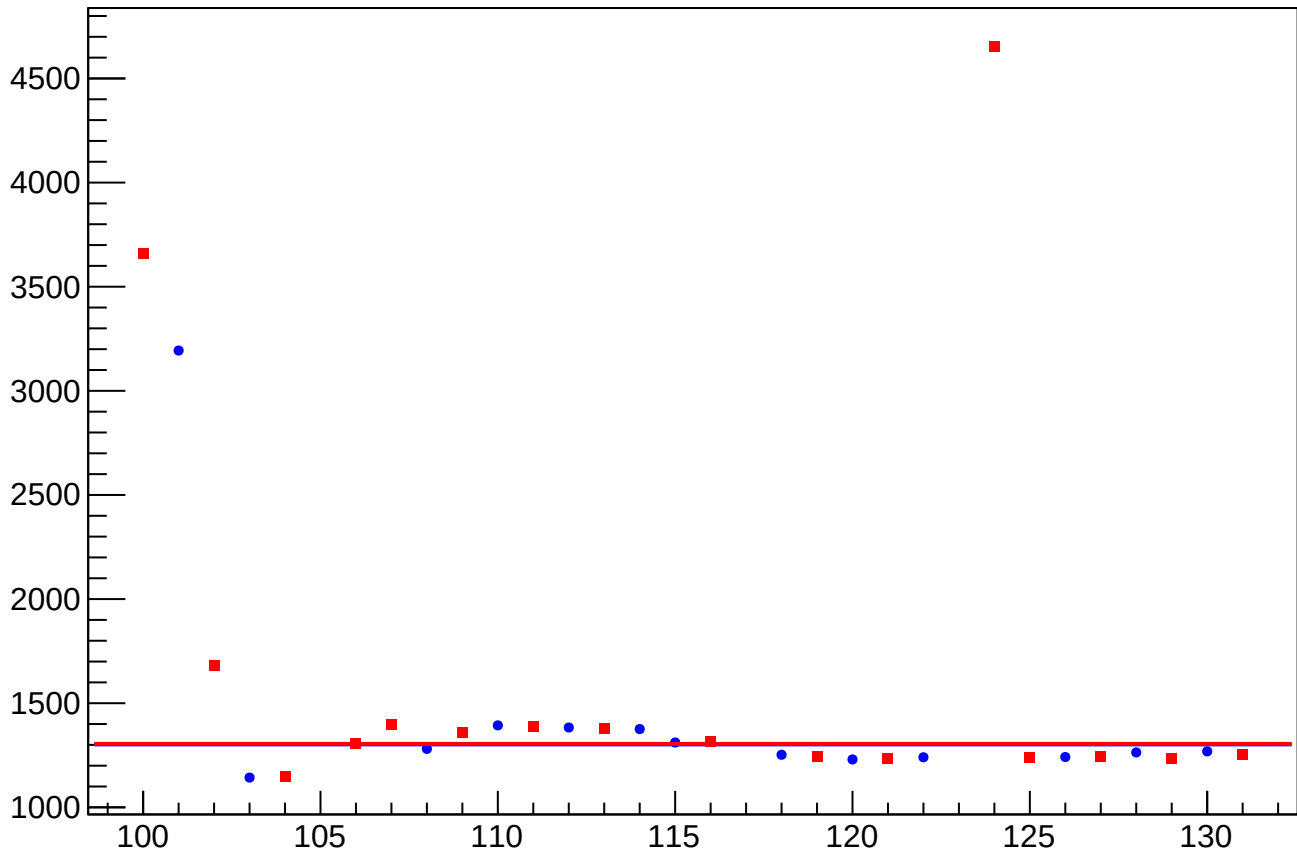
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 191.533 $\pm$ 389.594 χ^2 /NDF: 53.3/28

- 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: 1302.352+/-0.401 χ^2/NDF : 499876.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1304.550+/-0.378 χ^2/NDF : 311481.9/15

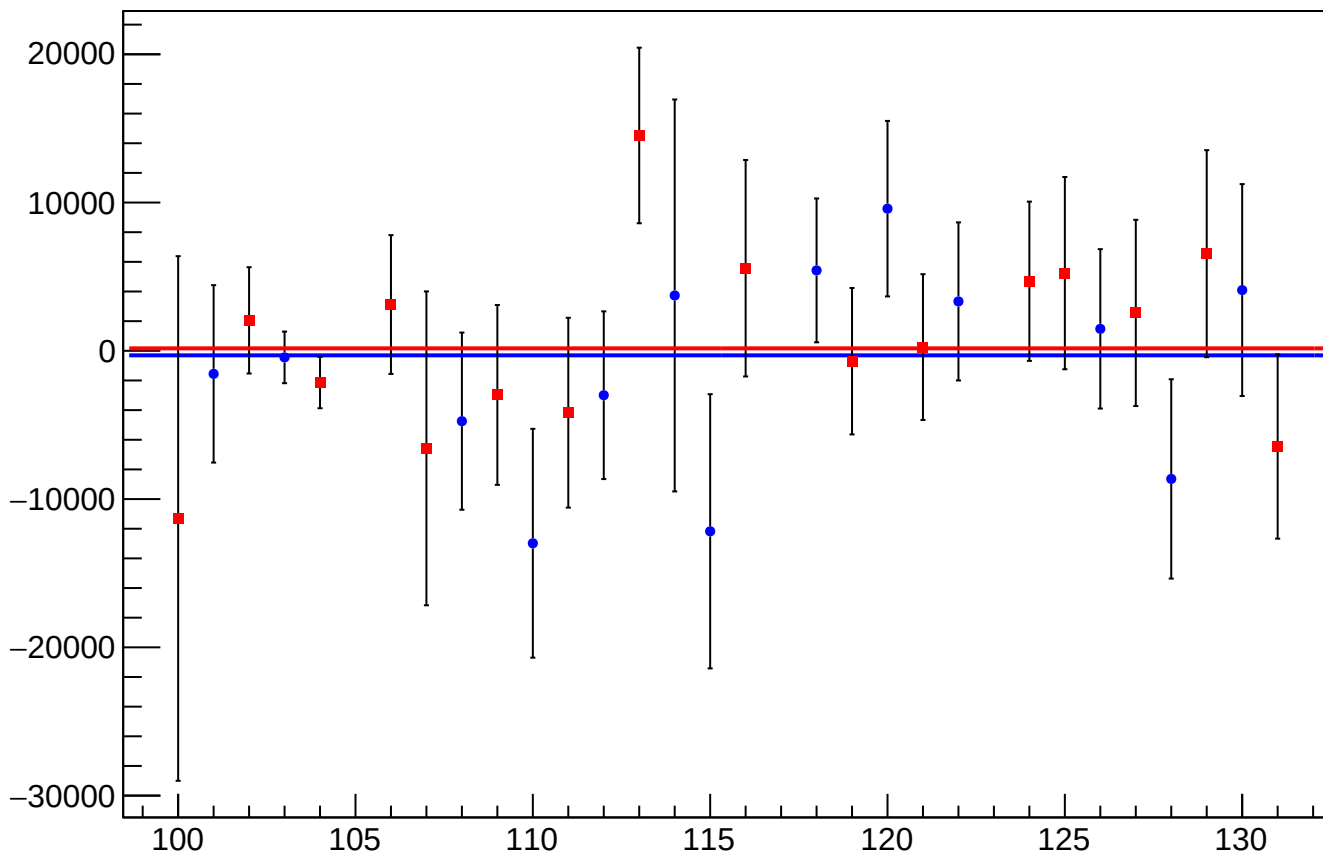
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1303.517+/-0.275 χ^2/NDF : 811374.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_cor_correction_mean vs Slug



Right In: -305.229+/-1256.248 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 164.892+/-1131.427 χ^2/NDF : 13.9/15

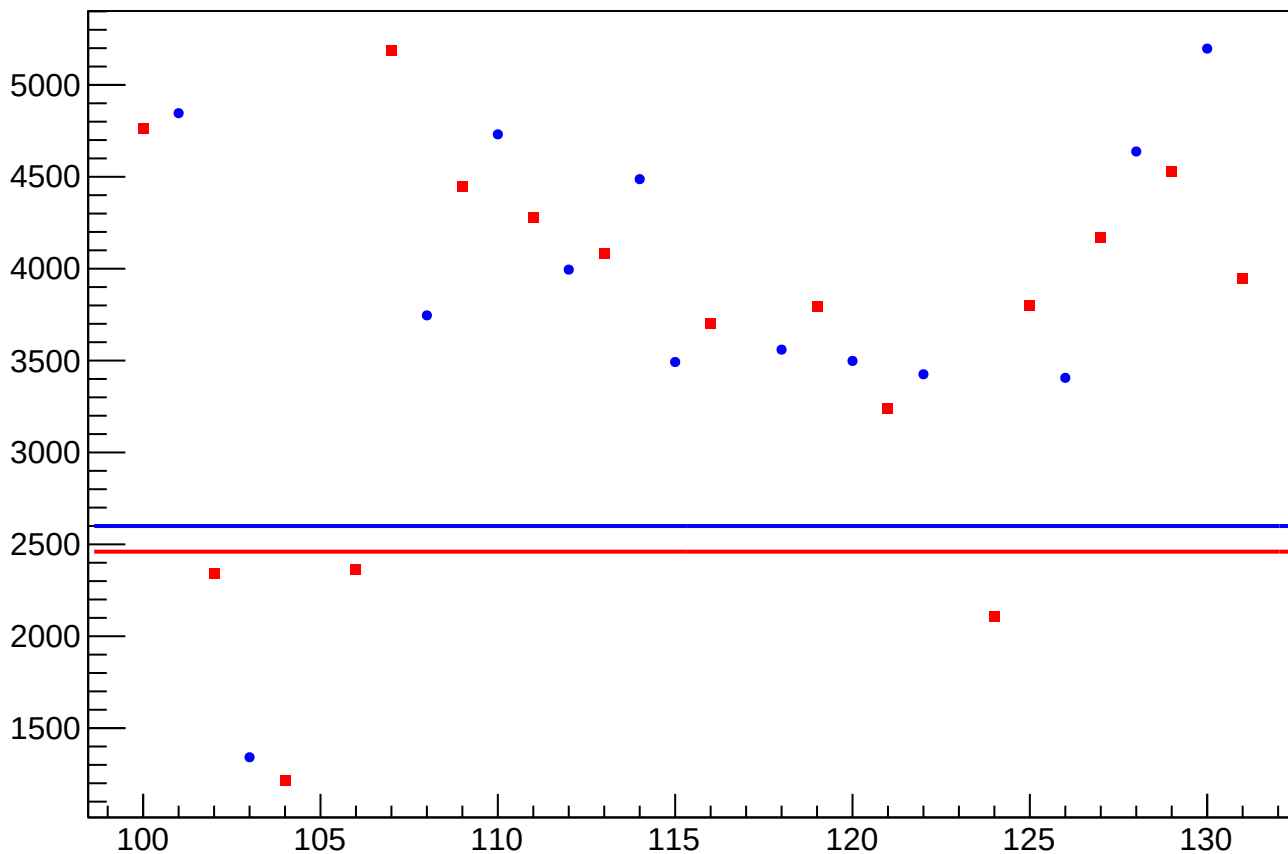
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -45.659+/-840.715 χ^2/NDF : 25.9/28

- 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: 2599.709+/-0.888 χ^2/NDF : 2398619.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2460.288+/-0.800 χ^2/NDF : 2518193.0/15

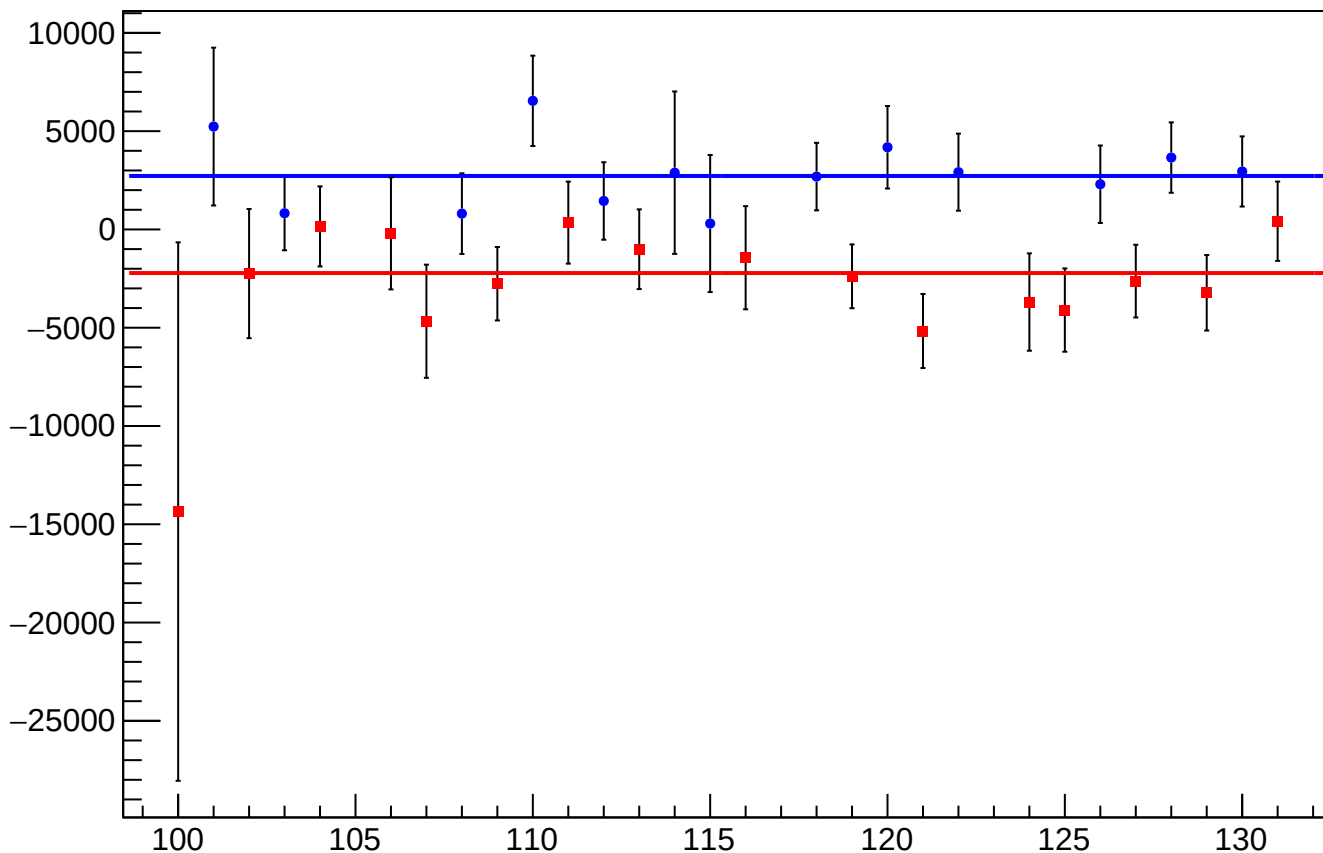
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2522.730+/-0.594 χ^2/NDF : 4930413.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2720.389 $\pm$ 589.336 χ^2 /NDF: 6.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2218.515 $\pm$ 546.816 χ^2 /NDF: 11.0/15

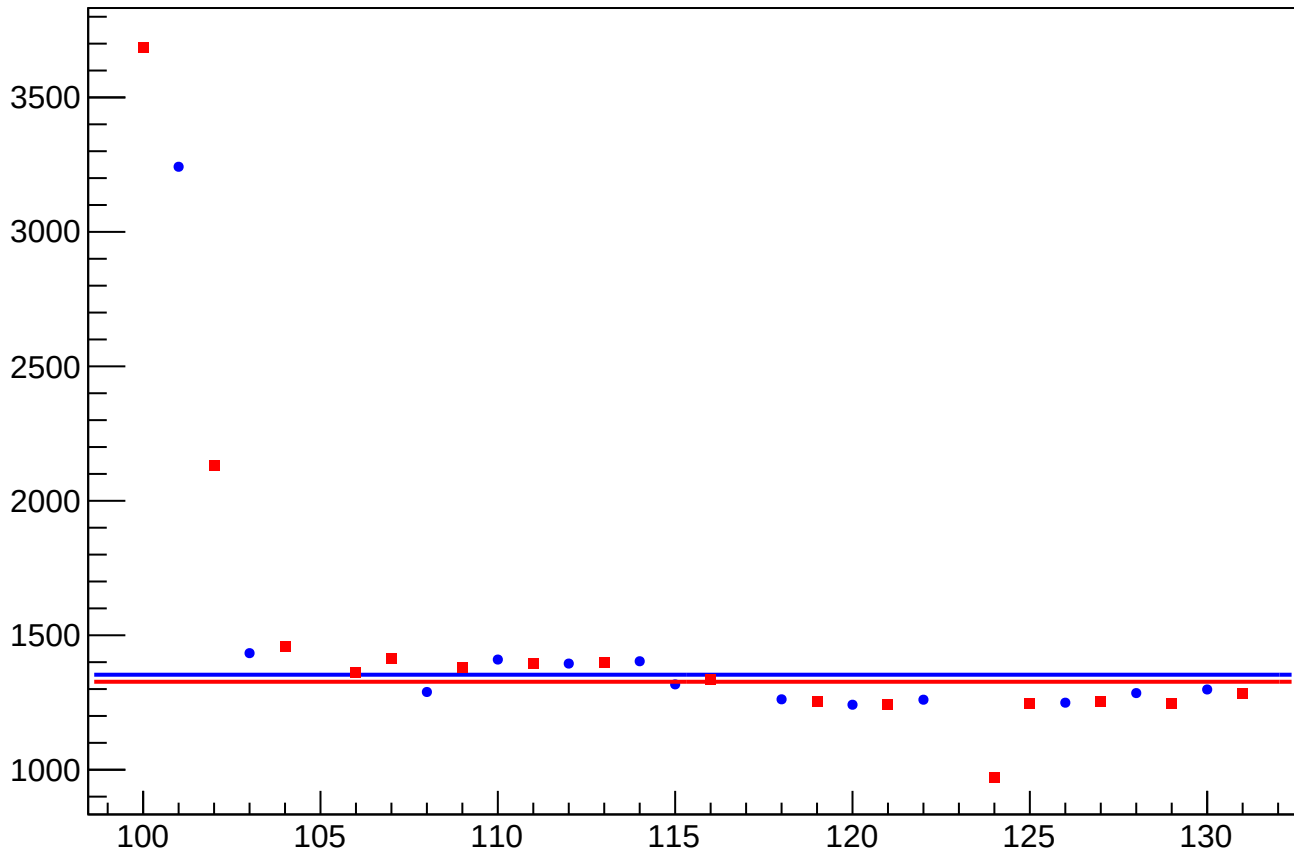
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 66.358 $\pm$ 400.847 χ^2 /NDF: 55.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1353.342+/-0.417 χ^2/NDF : 477253.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

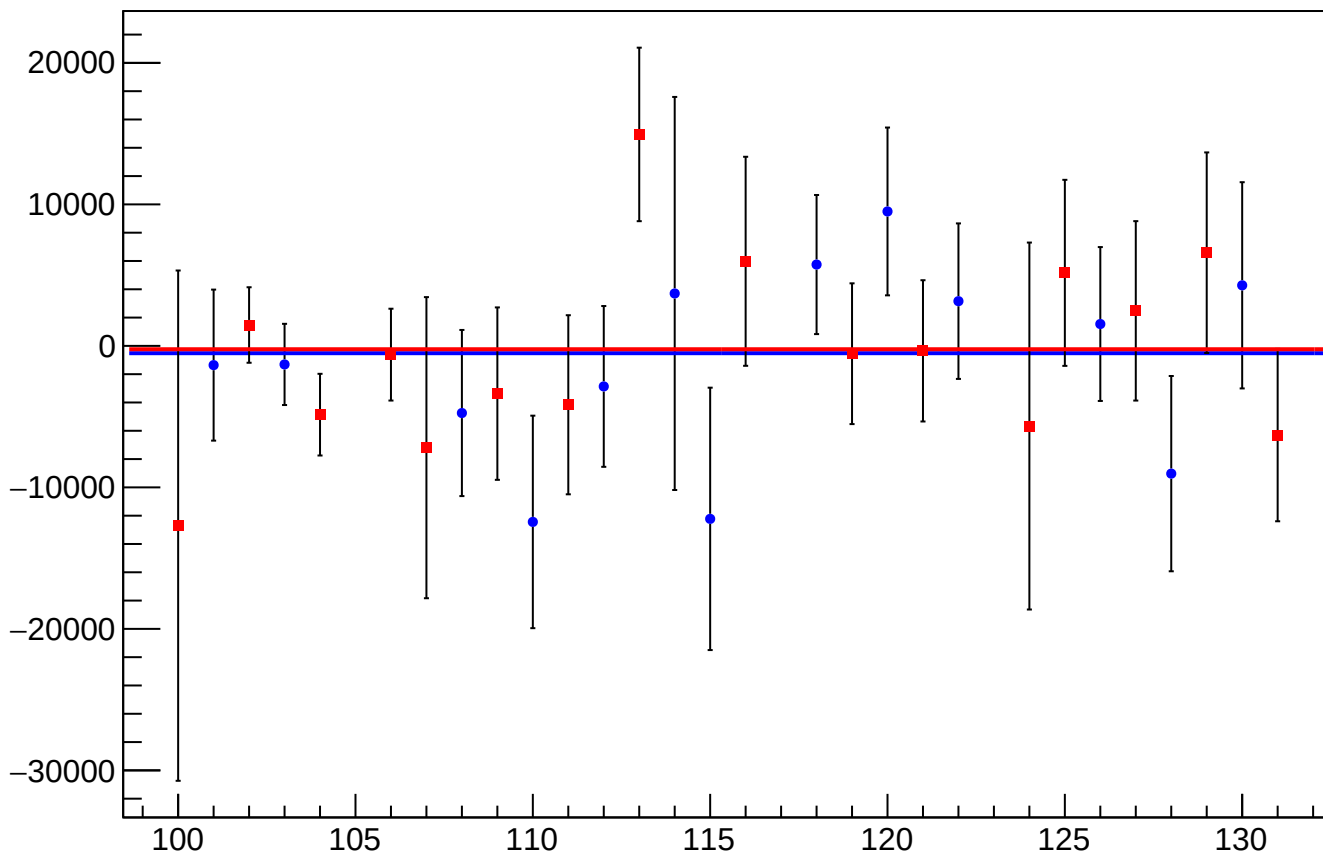
Right Out: 1327.166+/-0.386 χ^2/NDF : 255657.7/15

All: 1339.266+/-0.283 χ^2/NDF : 735032.5/28

- 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_dit_correction_mean vs Slug



Right In: -516.643+/-1529.094 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -237.177+/-1244.554 χ^2/NDF : 14.3/15

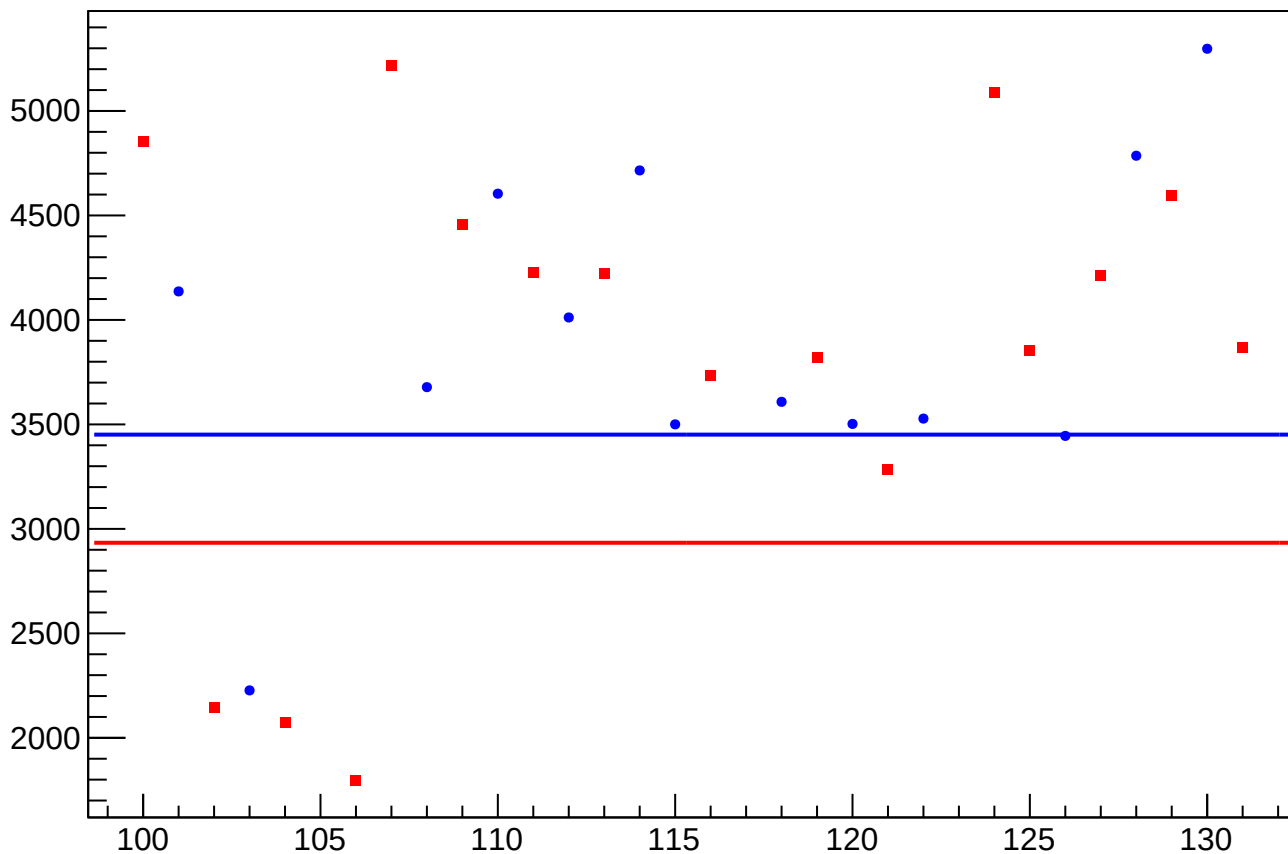
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -348.539+/-965.246 χ^2/NDF : 26.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_dit_correction_rms vs Slug



Right In: 3451.144+/-1.081 χ^2 /NDF: 688992.3/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

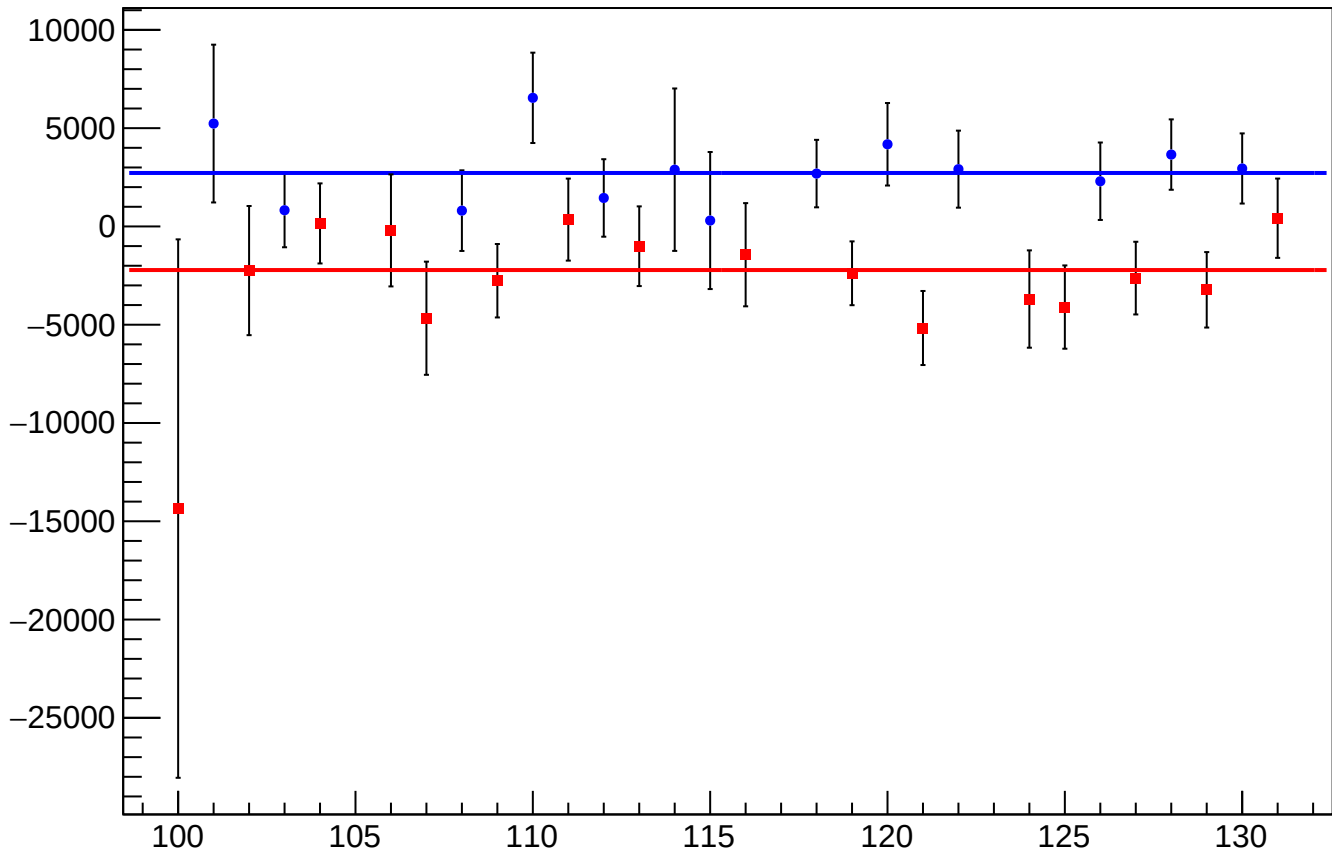
Right Out: 2933.617+/-0.880 χ^2 /NDF: 1440662.8/15

All: 3139.842+/-0.683 χ^2 /NDF: 2267463.8/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

eigen_dit_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2720.389 $\pm$ 589.336 χ^2 /NDF: 6.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2218.519 $\pm$ 546.815 χ^2 /NDF: 11.0/15

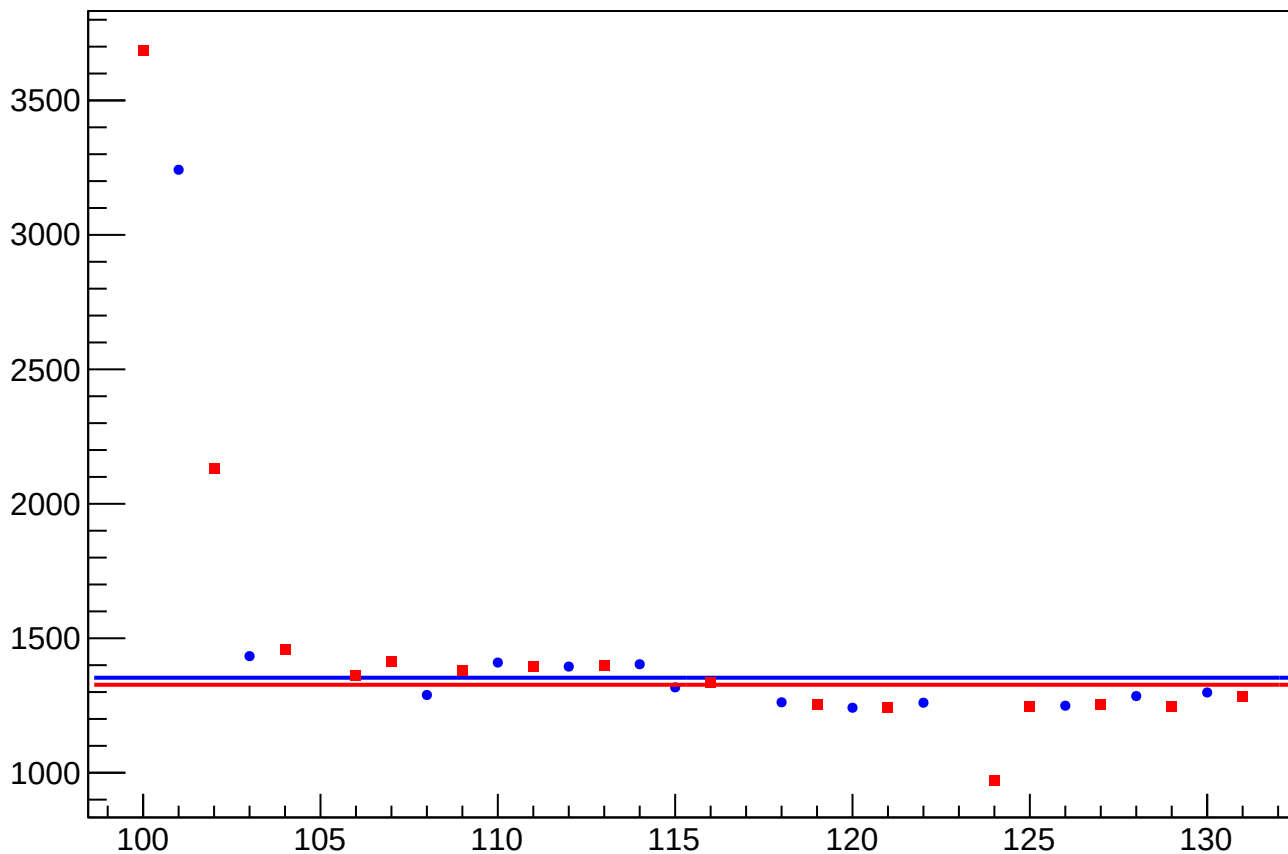
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 66.356 $\pm$ 400.847 χ^2 /NDF: 55.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1353.341+/-0.417 χ^2/NDF : 477253.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1327.166+/-0.386 χ^2/NDF : 255656.8/15

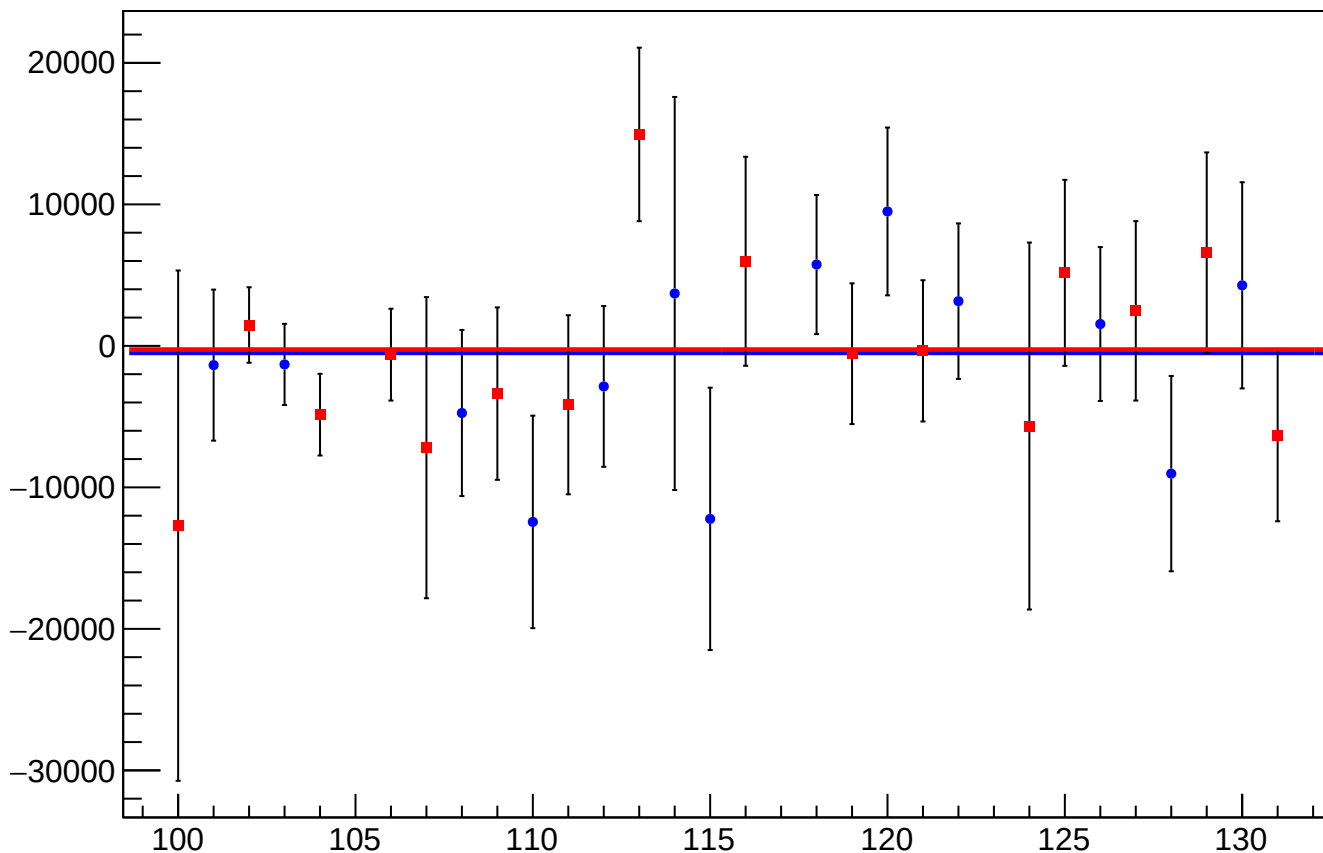
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1339.266+/-0.283 χ^2/NDF : 735031.7/28

- 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: -516.638+/-1529.089 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -237.179+/-1244.550 χ^2/NDF : 14.3/15

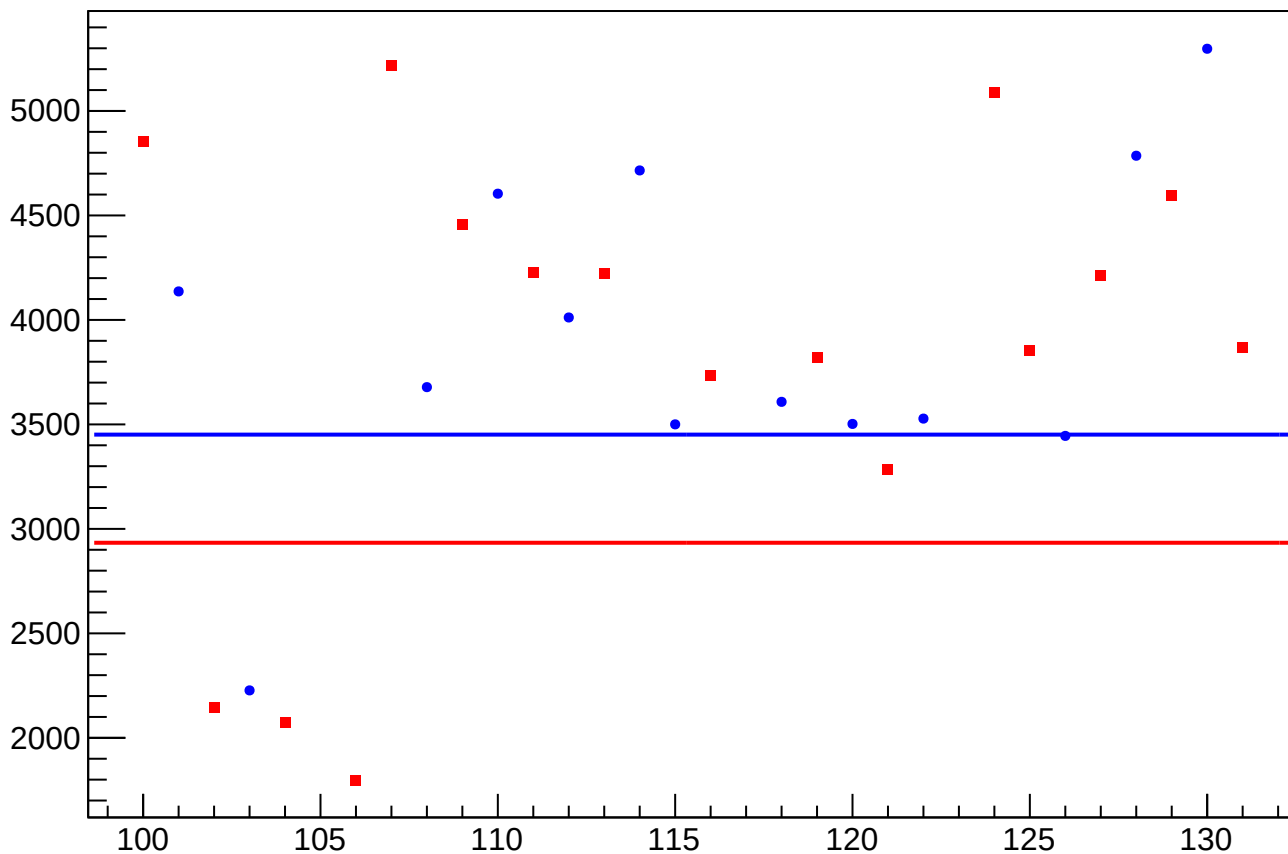
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -348.538+/-965.243 χ^2/NDF : 26.4/28

- 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: 3451.134+/-1.081 χ^2/NDF : 688990.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

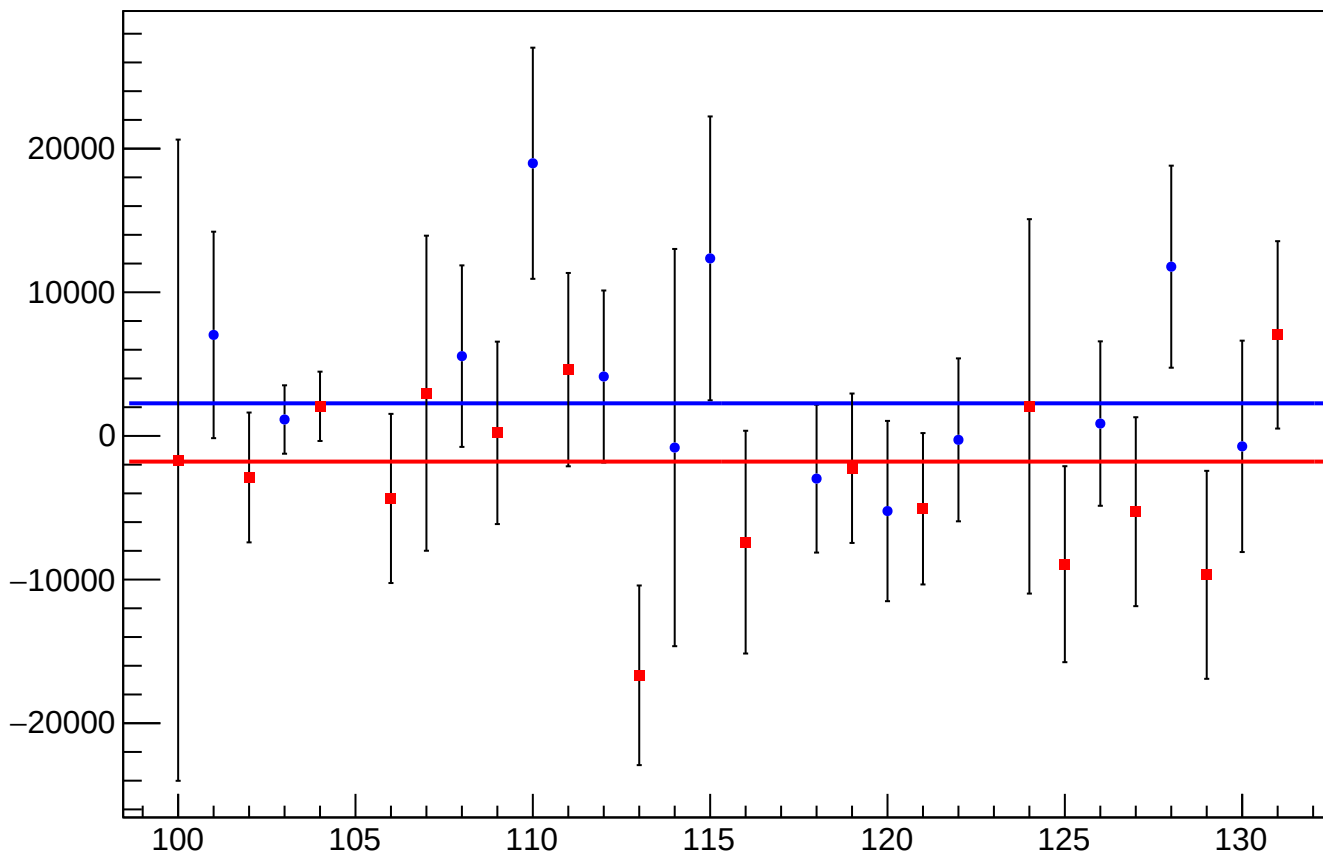
Right Out: 2933.608+/-0.880 χ^2/NDF : 1440662.8/15

All: 3139.833+/-0.683 χ^2/NDF : 2267461.8/28

- 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_mean vs Slug



Right In: 2269.792 $\pm$ 1502.506 χ^2 /NDF: 11.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1787.005 $\pm$ 1393.386 χ^2 /NDF: 15.0/15

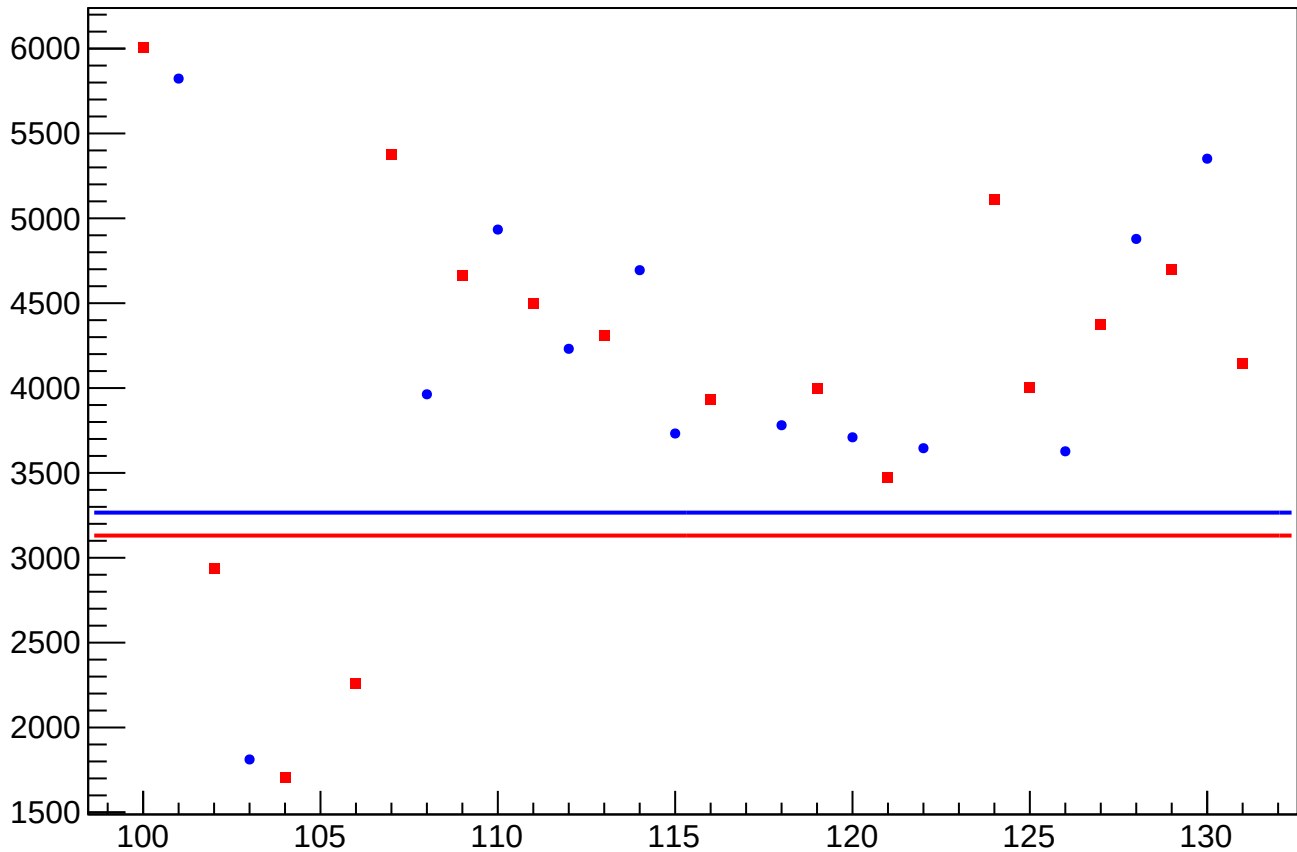
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 88.747 $\pm$ 1021.674 χ^2 /NDF: 30.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 3266.117+/-1.062 χ^2/NDF : 1499965.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3130.879+/-0.971 χ^2/NDF : 1533889.7/15

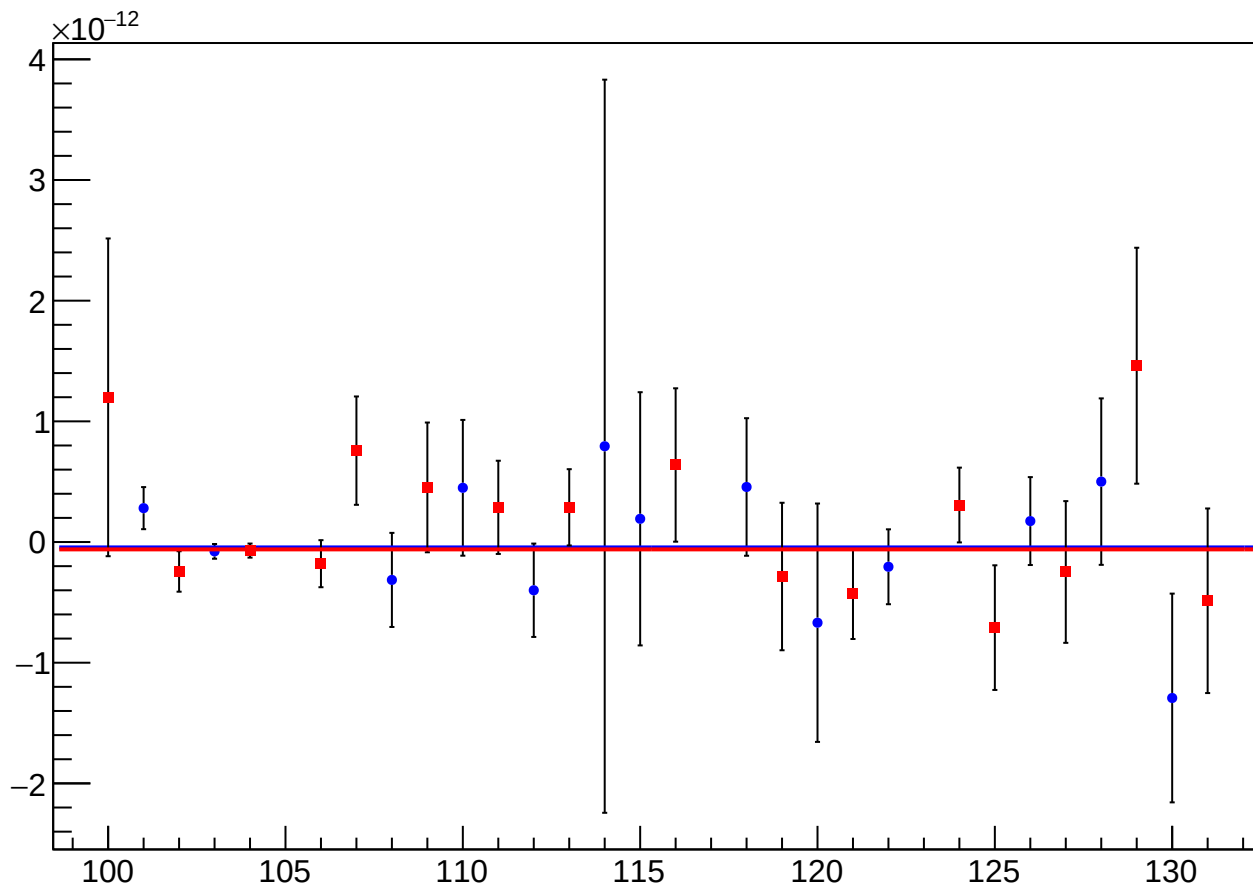
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3192.408+/-0.717 χ^2/NDF : 3042686.8/28

- sign 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 : 10.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.9/15

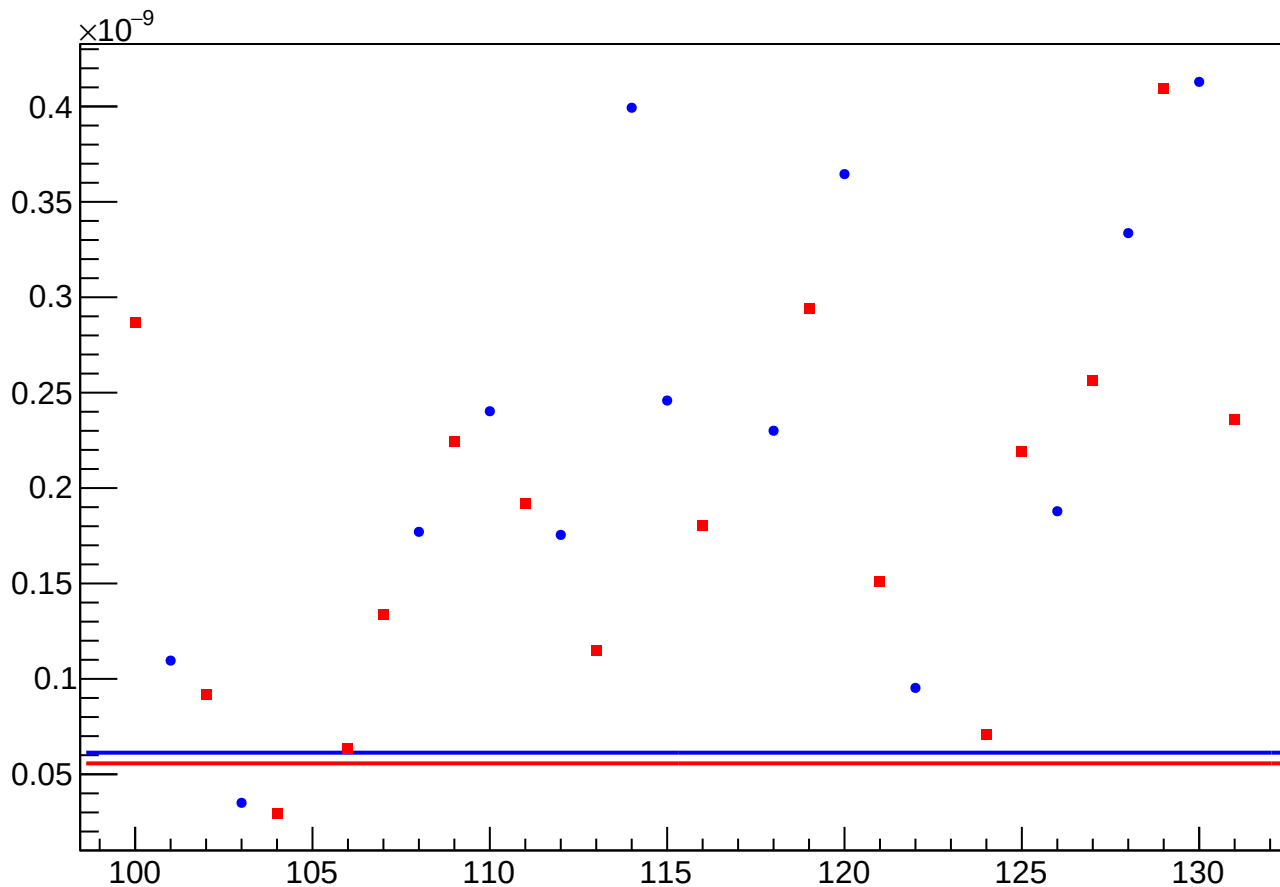
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.5/28

- 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 : 2435021.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2465909.3/15

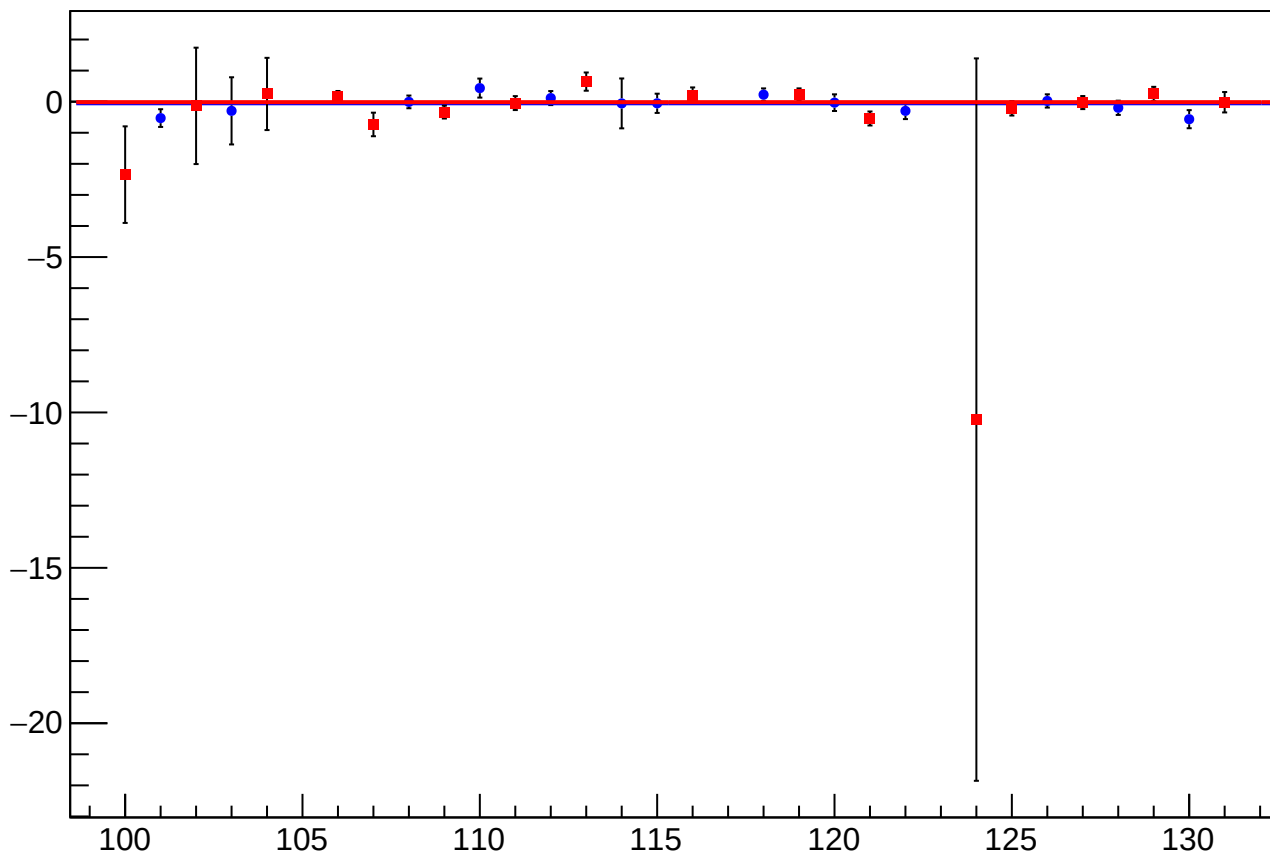
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4912740.0/28

- 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: -0.052 ± 0.074 χ^2/NDF : 12.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.015 ± 0.067 χ^2/NDF : 25.1/15

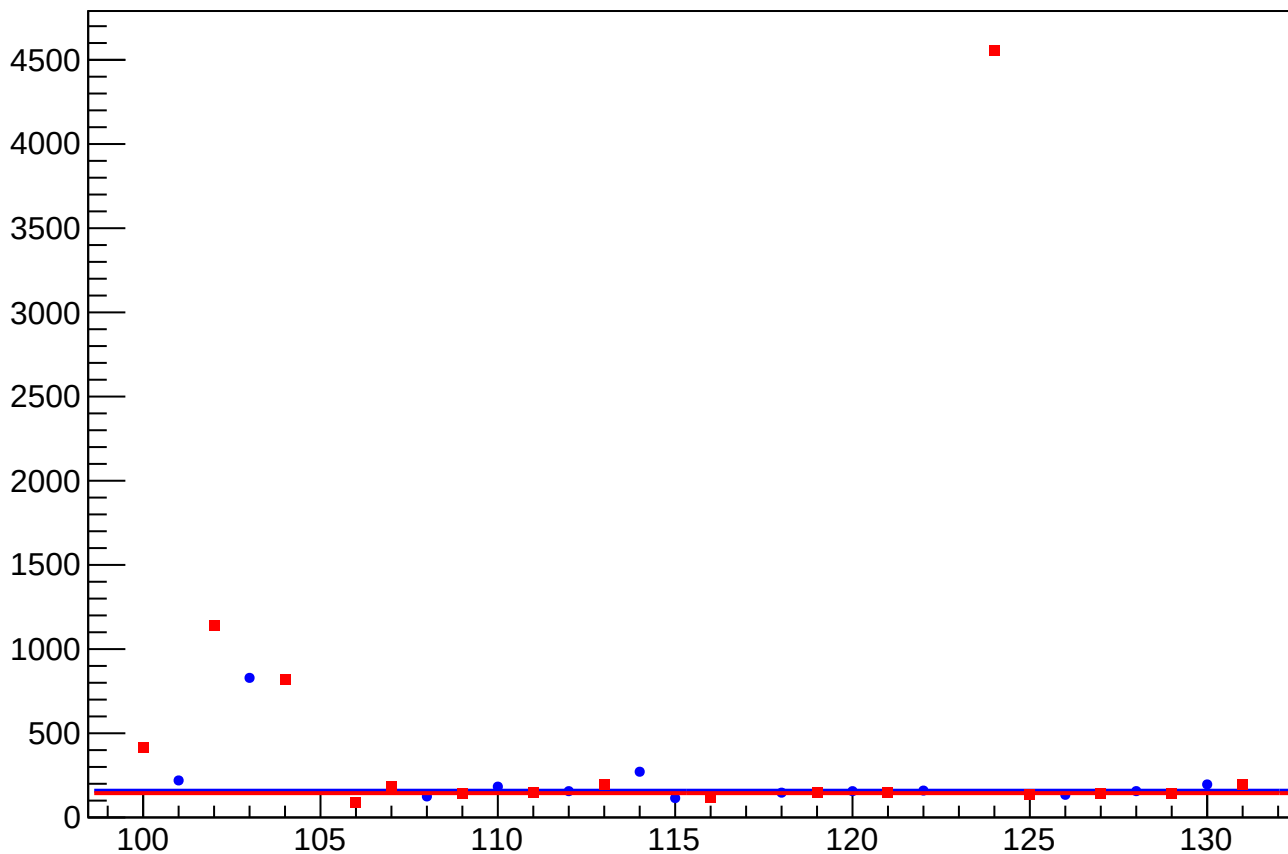
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.032 ± 0.049 χ^2/NDF : 37.6/28

- 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: 158.787+/-0.052 χ^2/NDF : 1074175.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.391+/-0.047 χ^2/NDF : 1920972.8/15

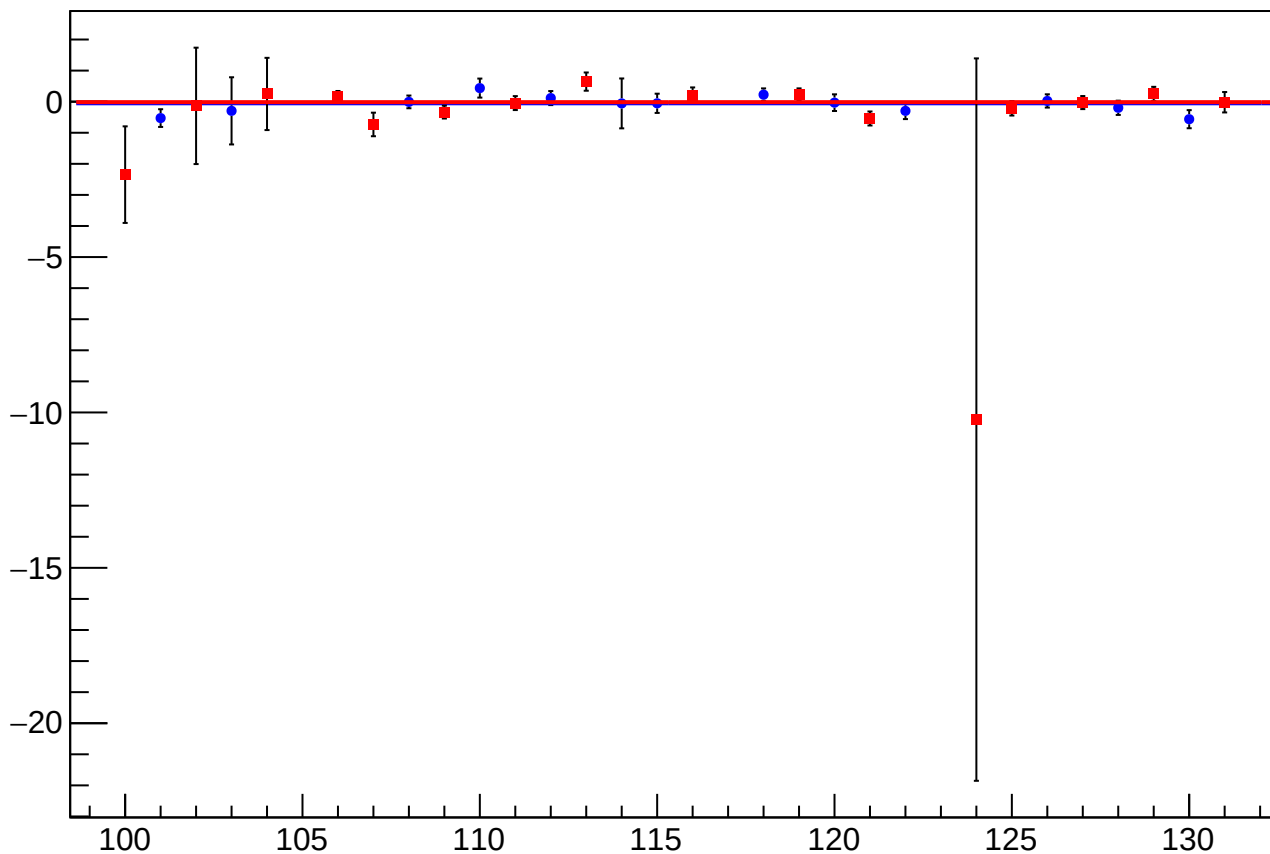
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.891+/-0.035 χ^2/NDF : 3037192.7/28

- 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: -0.052 ± 0.074 χ^2/NDF : 12.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.015 ± 0.067 χ^2/NDF : 25.1/15

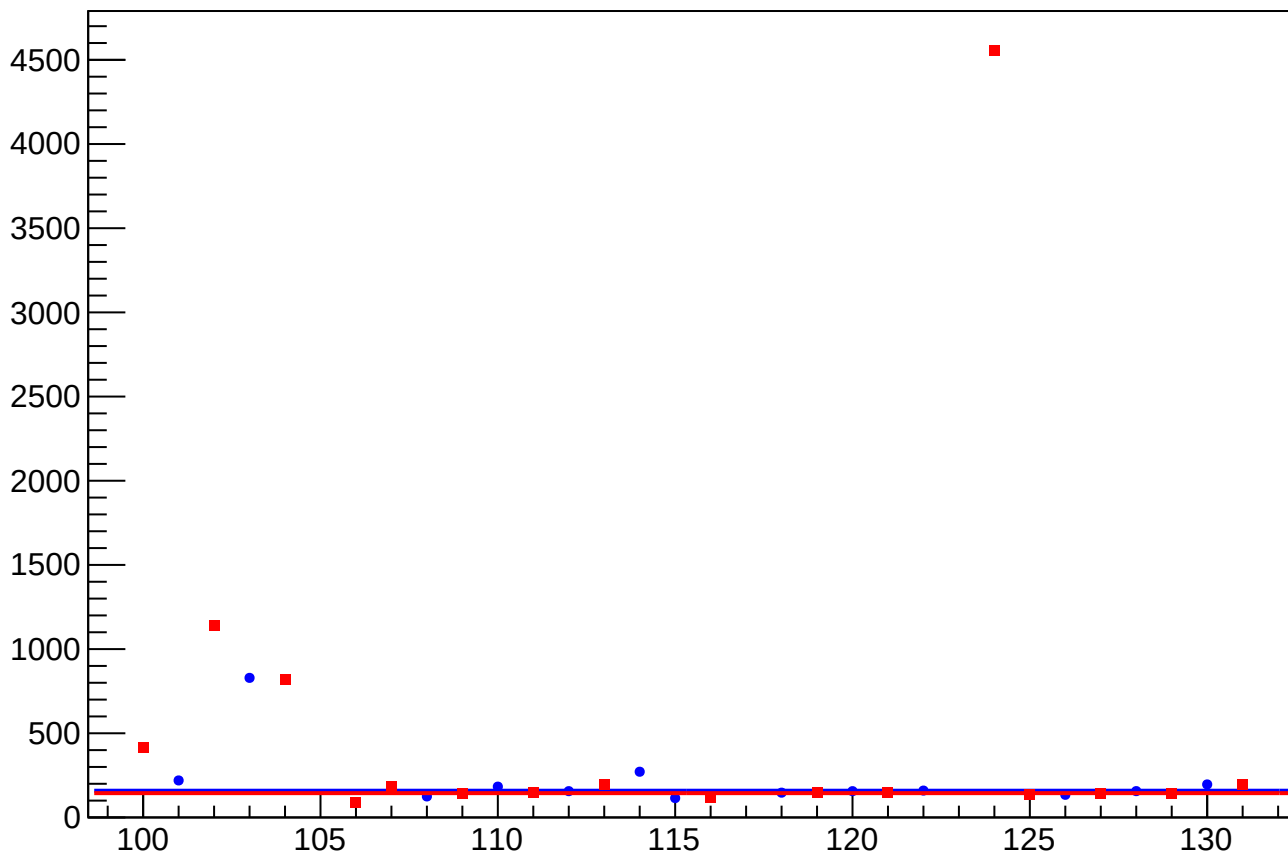
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

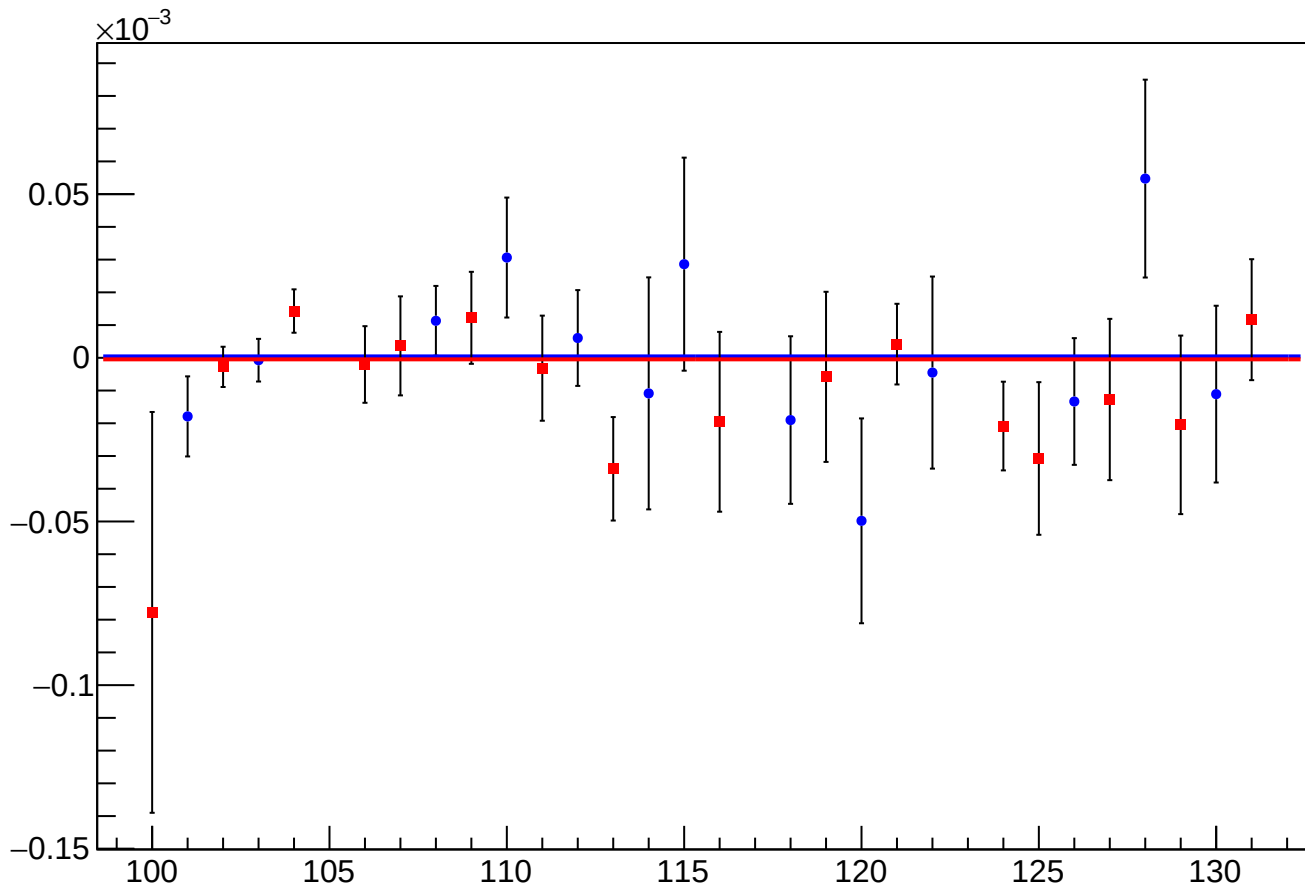
All: -0.032 ± 0.049 χ^2/NDF : 37.6/28

- 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



asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.1/12

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

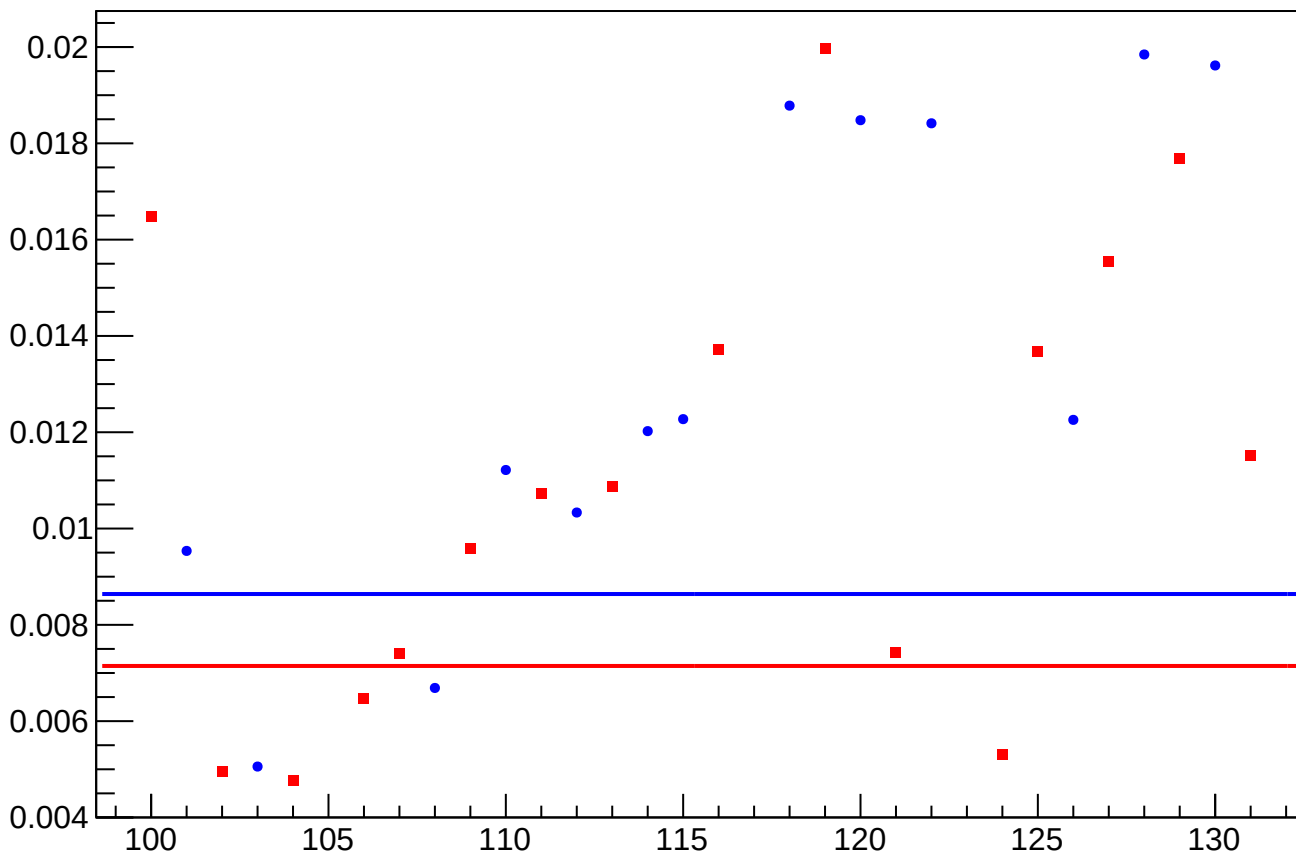
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 32.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.009+/-0.000 χ^2/NDF : 2201081.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 2277899.5/15

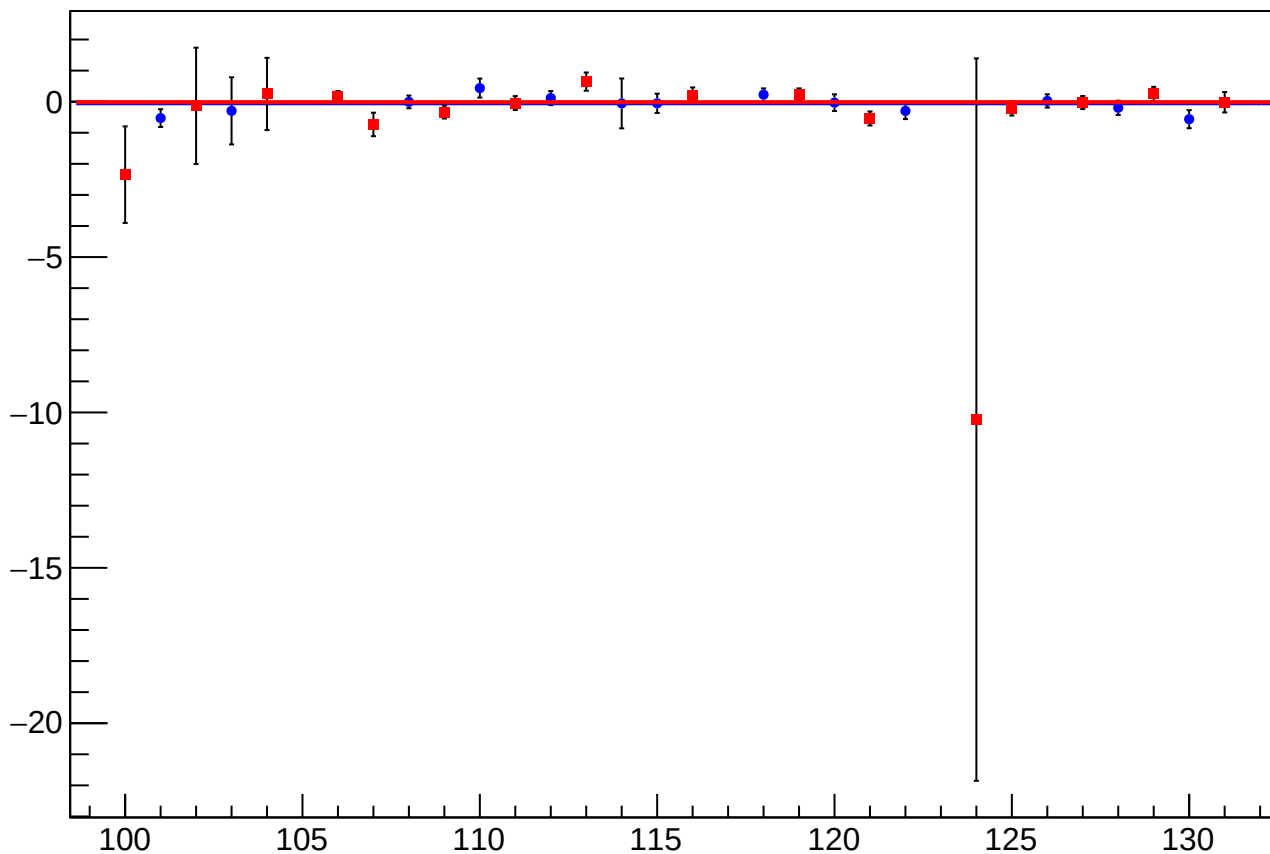
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 4639533.5/28

- 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: -0.052 ± 0.074 χ^2/NDF : 12.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.015 ± 0.067 χ^2/NDF : 25.1/15

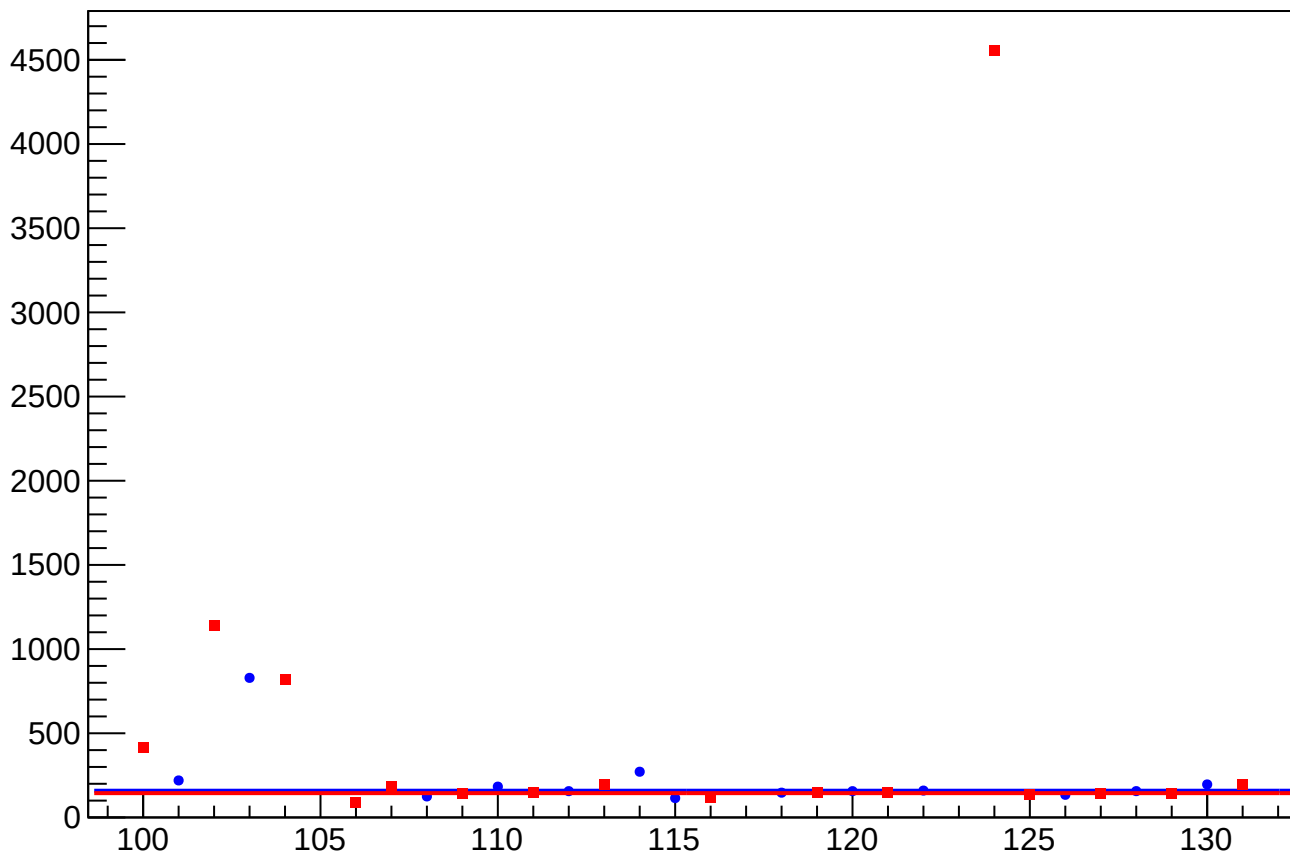
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.032 ± 0.049 χ^2/NDF : 37.6/28

- 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: 158.786 $\pm$ 0.052 χ^2 /NDF: 1074152.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

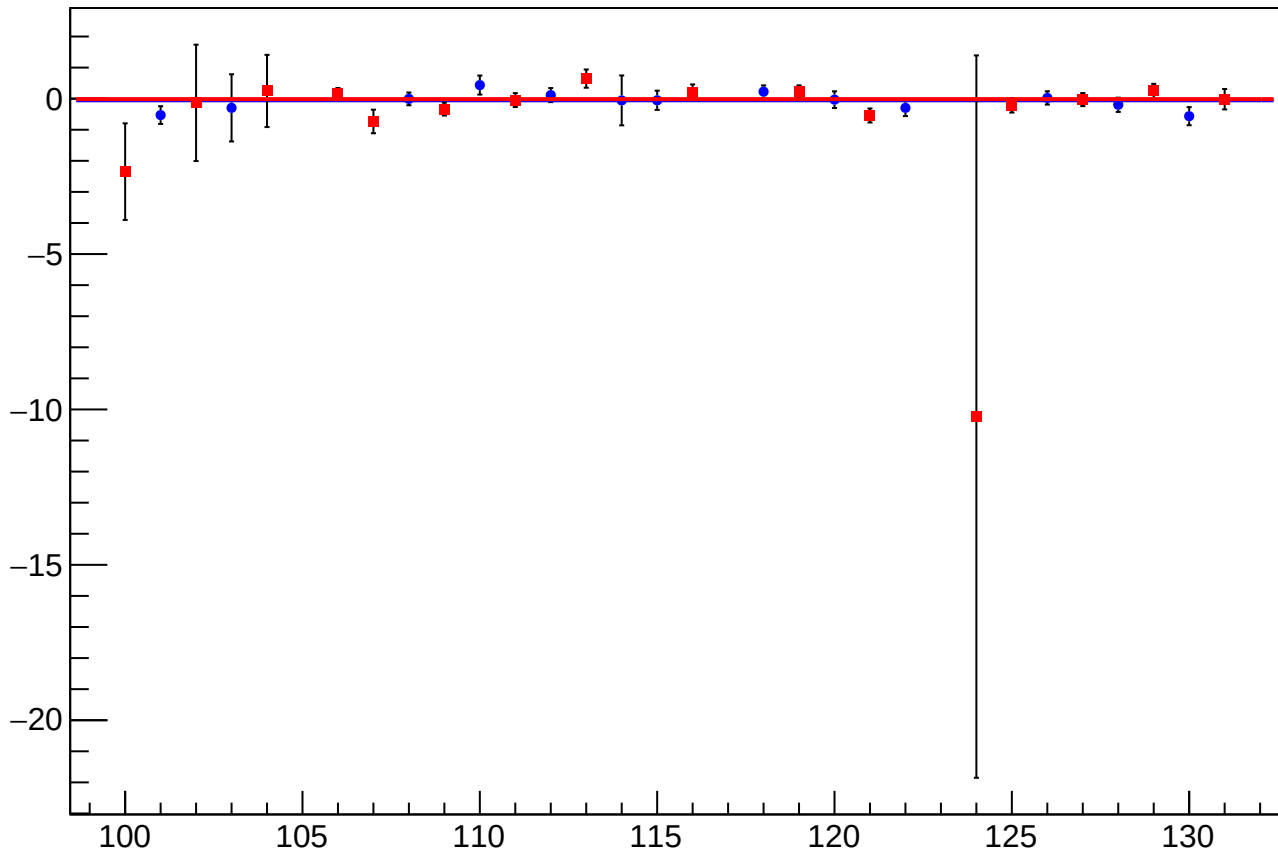
Right Out: 144.390 $\pm$ 0.047 χ^2 /NDF: 1920974.8/15

All: 150.890 $\pm$ 0.035 χ^2 /NDF: 3037174.7/28

- 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_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.052 ± 0.074 χ^2/NDF : 12.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.015 ± 0.067 χ^2/NDF : 25.1/15

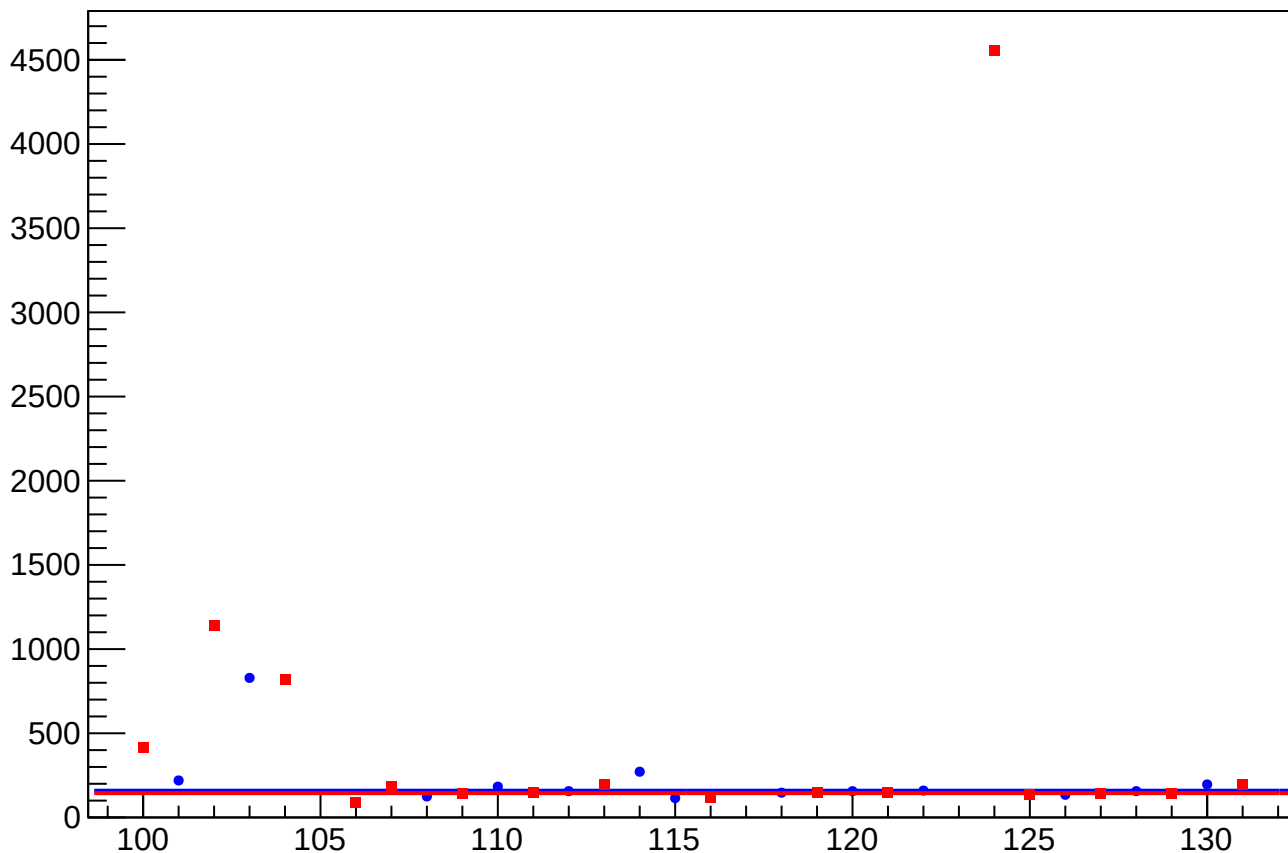
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.032 ± 0.049 χ^2/NDF : 37.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 158.786+/-0.052 χ^2/NDF : 1074152.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.390+/-0.047 χ^2/NDF : 1920974.8/15

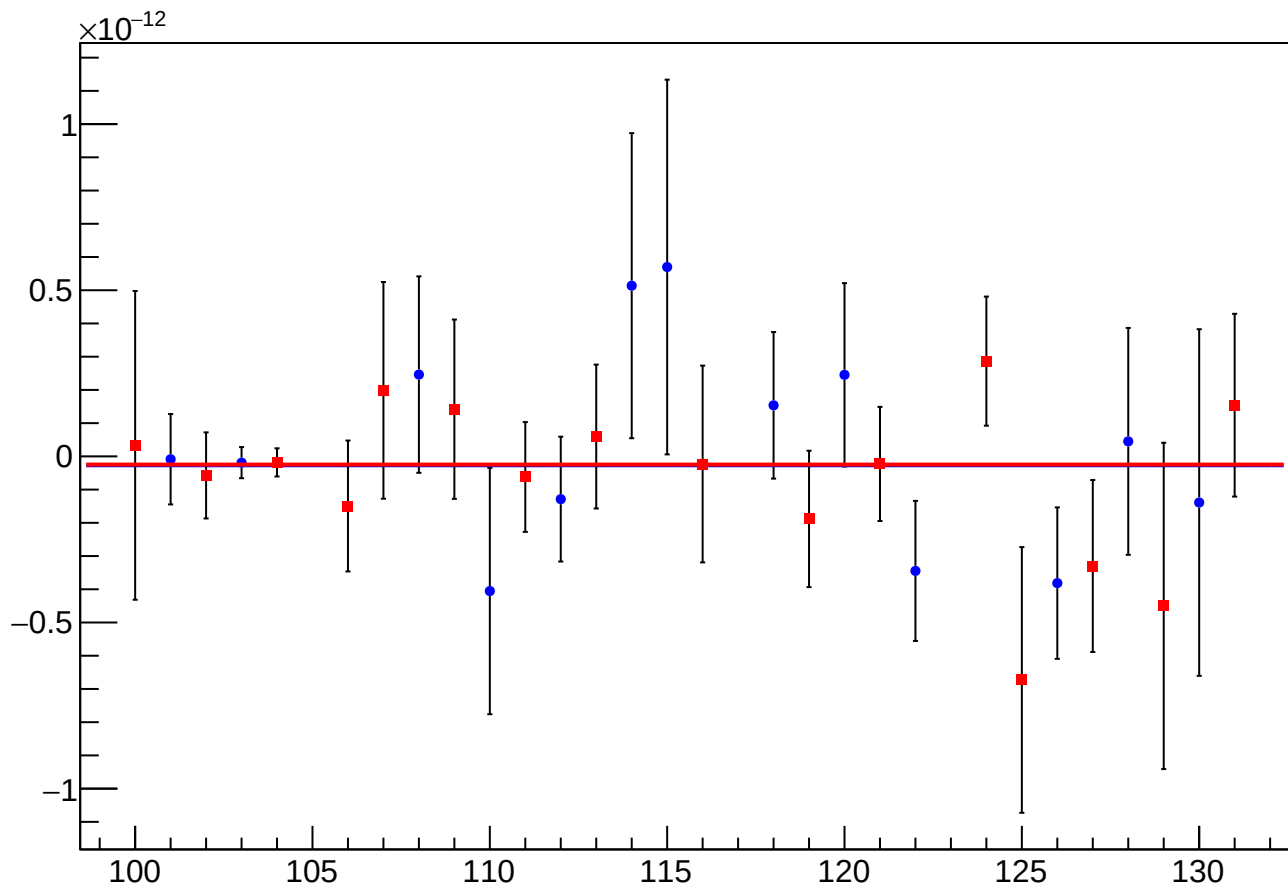
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.890+/-0.035 χ^2/NDF : 3037174.7/28

- 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: 11.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 10.0/15

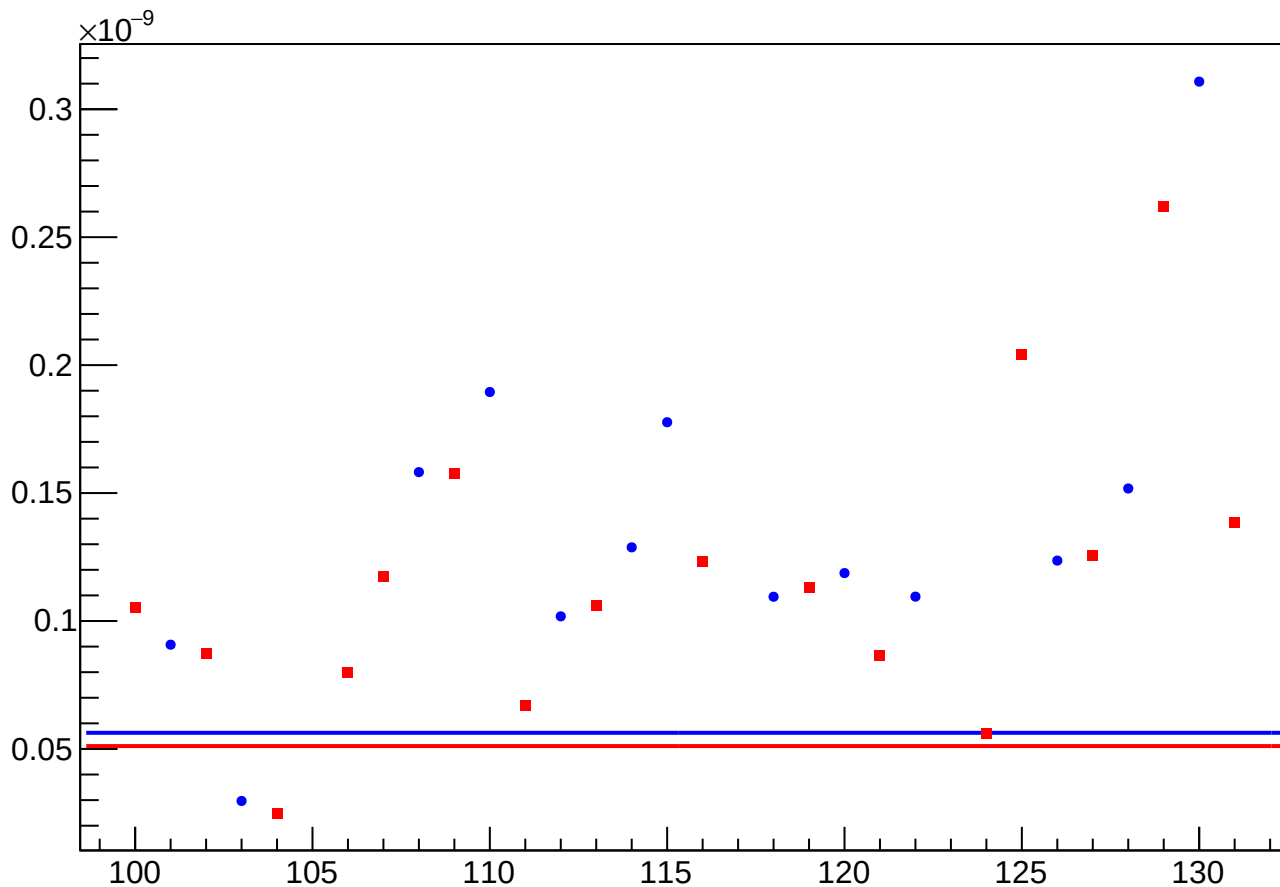
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 21.1/28

- 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 : 2685176.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2962359.6/15

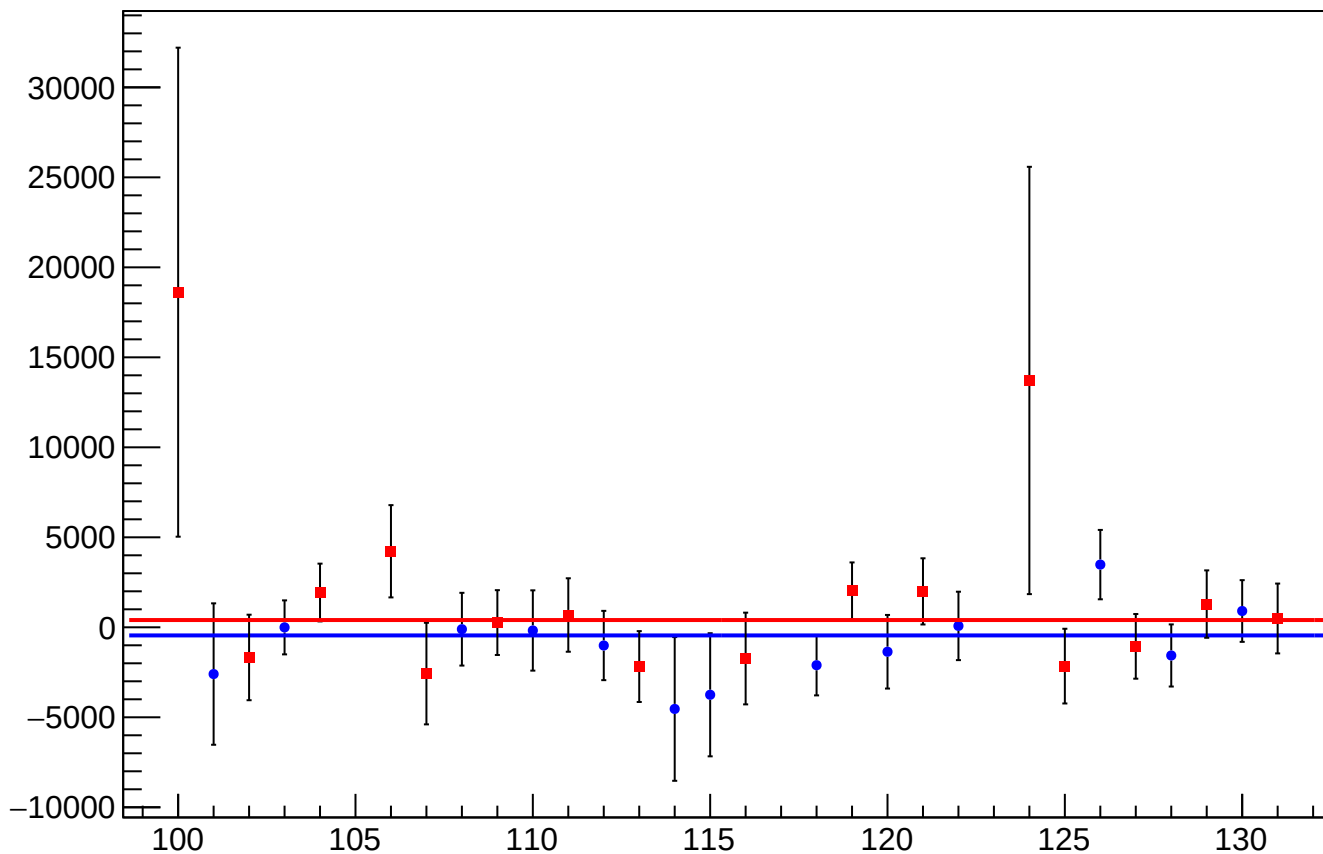
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5667534.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -451.301+/-559.953 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 403.382+/-526.730 χ^2/NDF : 14.7/15

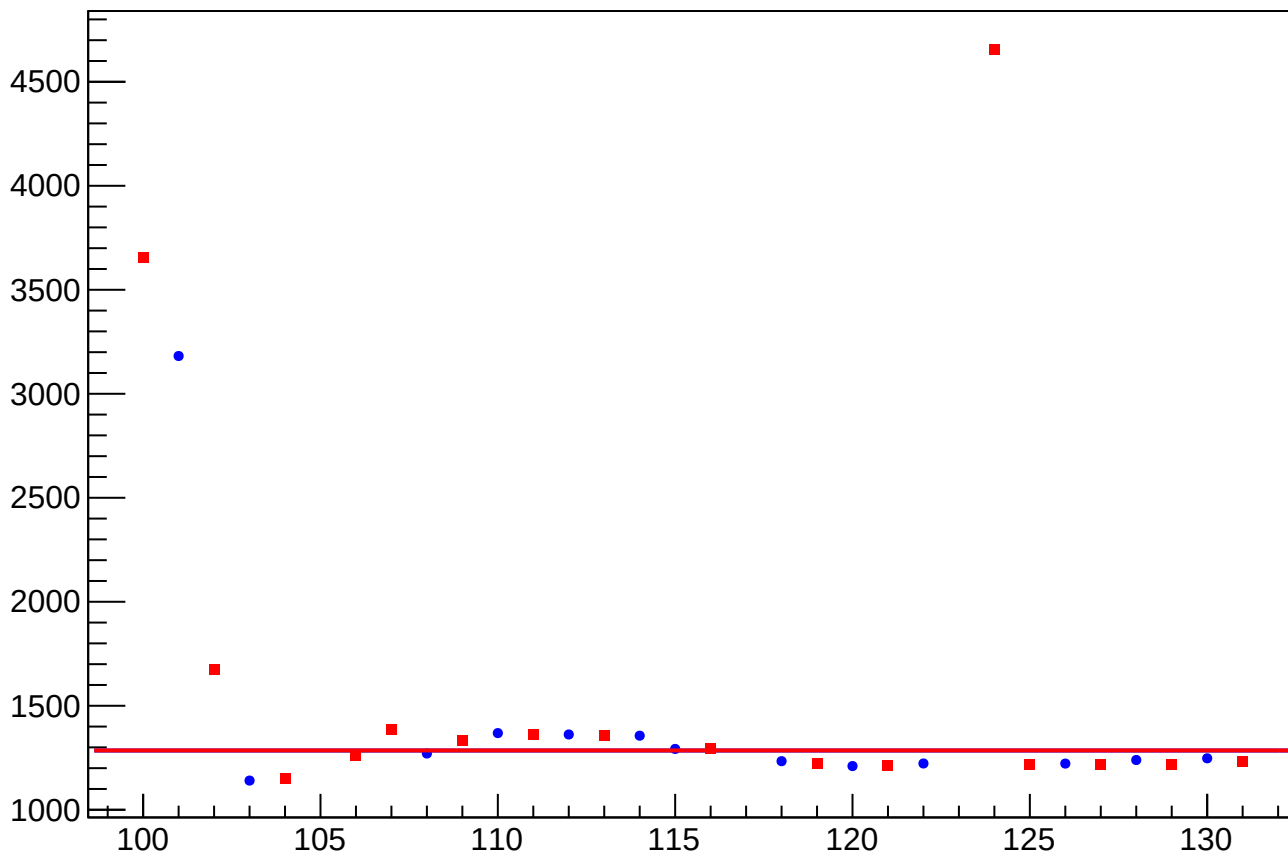
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.146+/-383.662 χ^2/NDF : 24.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1284.749+/-0.396 χ^2/NDF : 502671.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.314+/-0.372 χ^2/NDF : 315906.6/15

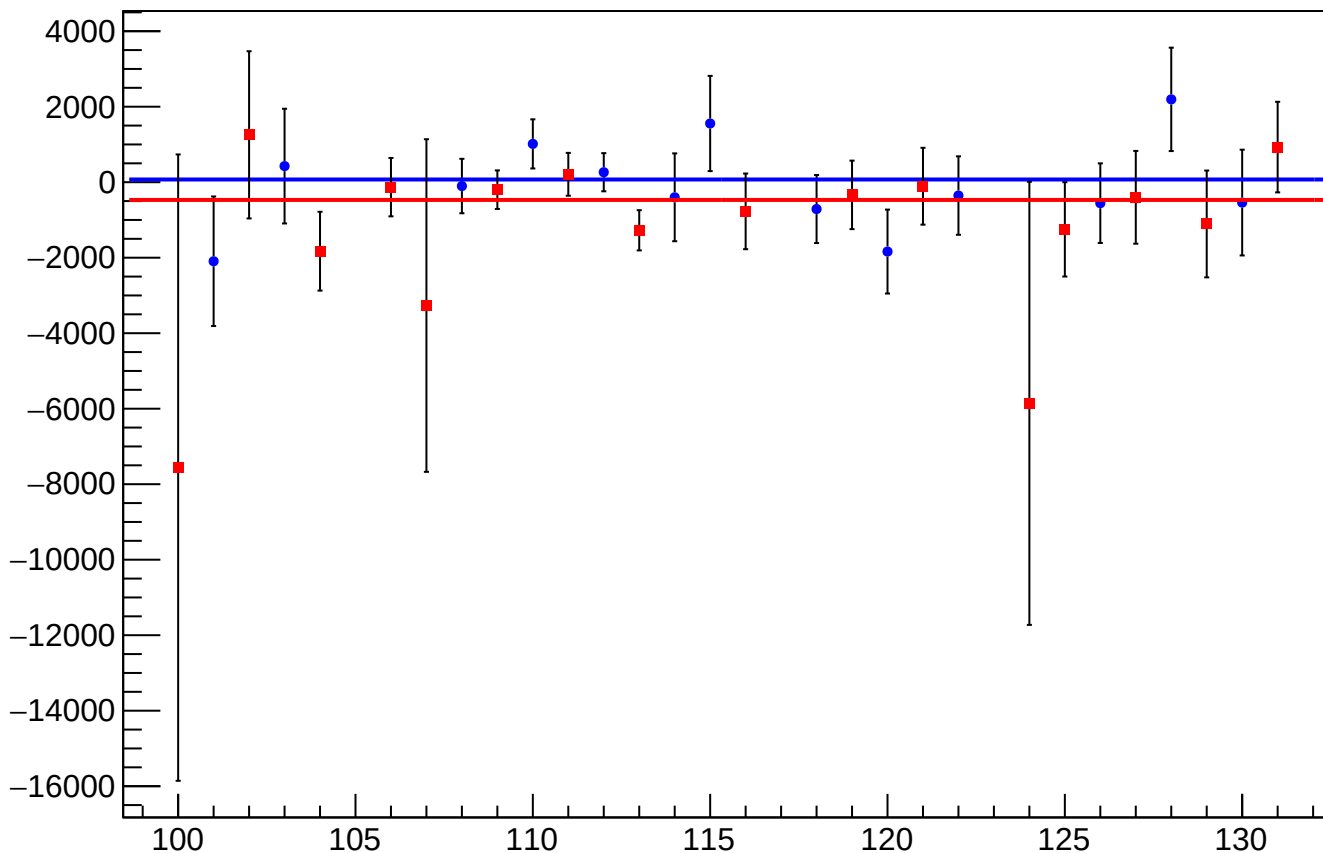
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1285.049+/-0.271 χ^2/NDF : 818579.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_reg_correction_mean vs Slug



Right In: 71.834 $\pm$ 256.113 χ^2 /NDF: 12.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -469.896 $\pm$ 229.301 χ^2 /NDF: 10.7/15

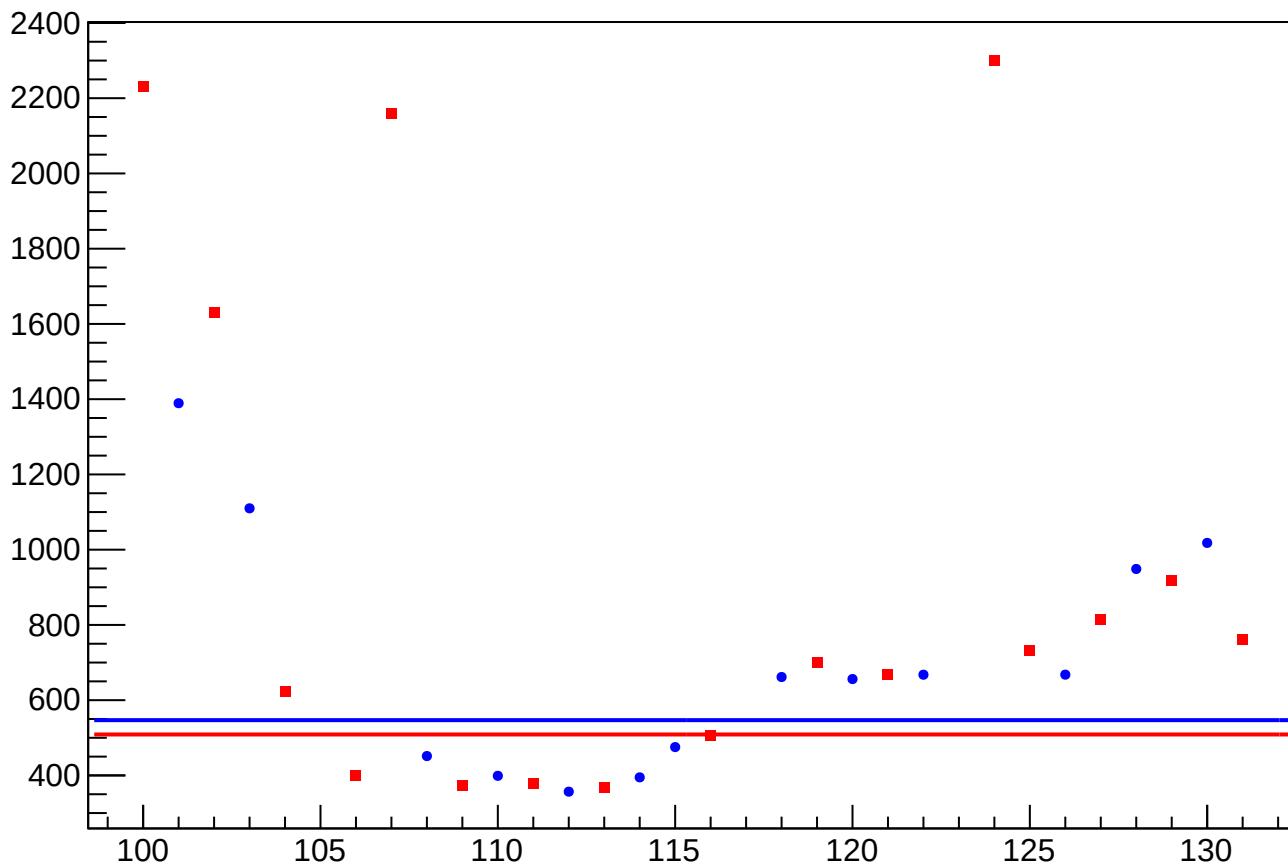
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -228.863 $\pm$ 170.836 χ^2 /NDF: 25.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_reg_correction_rms vs Slug



Right In: 546.921+/-0.181 χ^2/NDF : 1721677.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

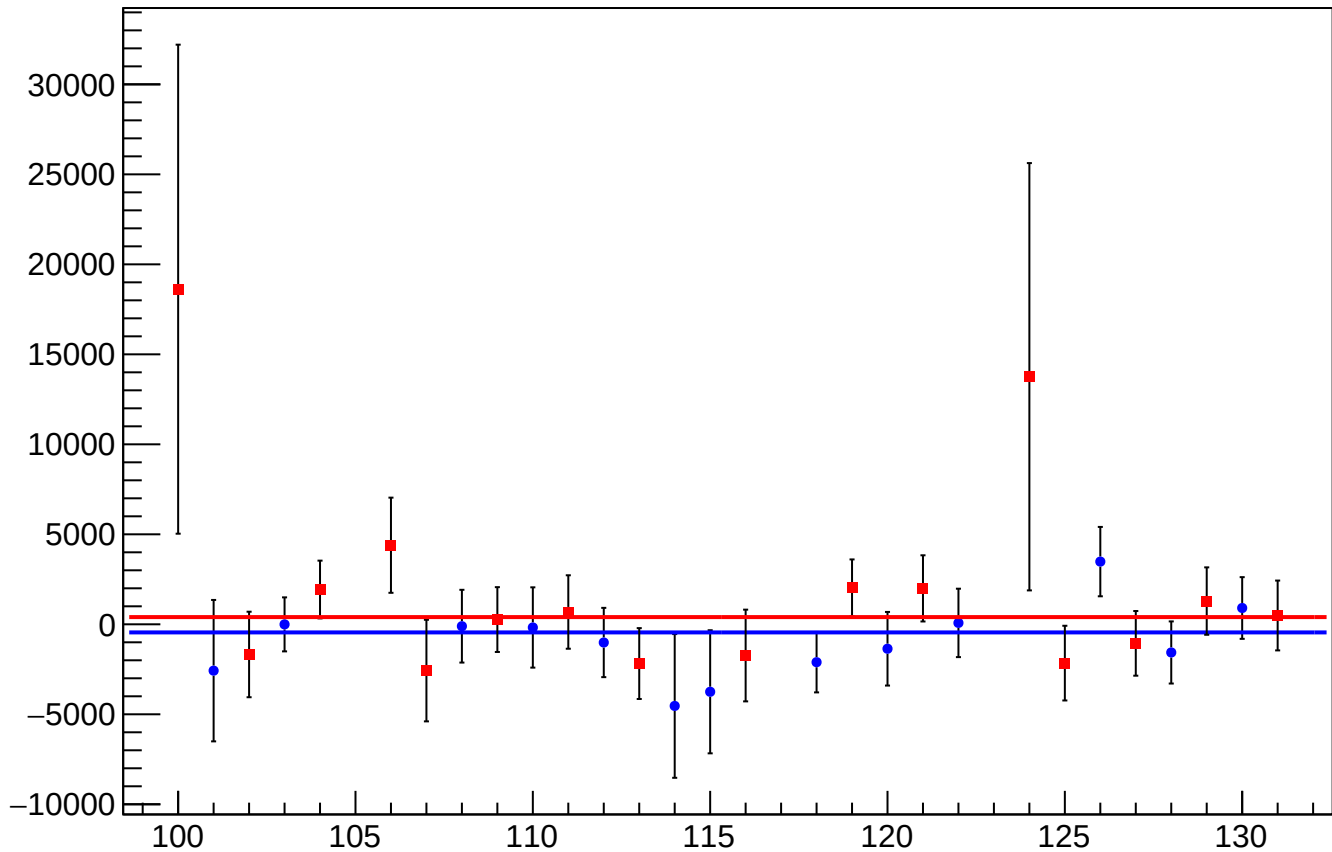
Right Out: 508.830+/-0.162 χ^2/NDF : 2097413.4/15

All: 525.778+/-0.121 χ^2/NDF : 3843646.5/28

- 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_dd_mean vs Slug



Right In: -450.755+/-559.954 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 400.583+/-527.397 χ^2/NDF : 14.8/15

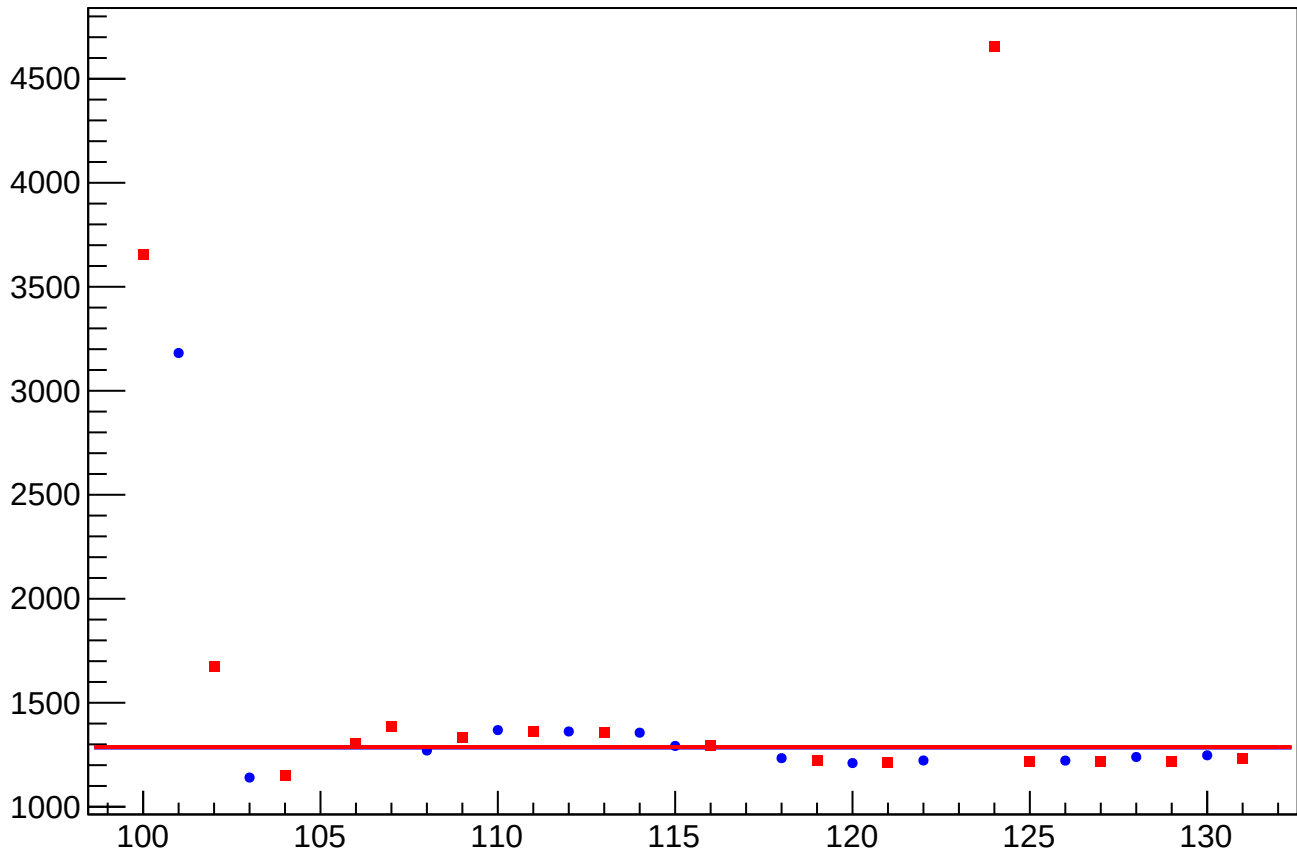
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.381+/-383.920 χ^2/NDF : 25.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1284.749+/-0.396 χ^2/NDF : 502673.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1286.993+/-0.373 χ^2/NDF : 315834.6/15

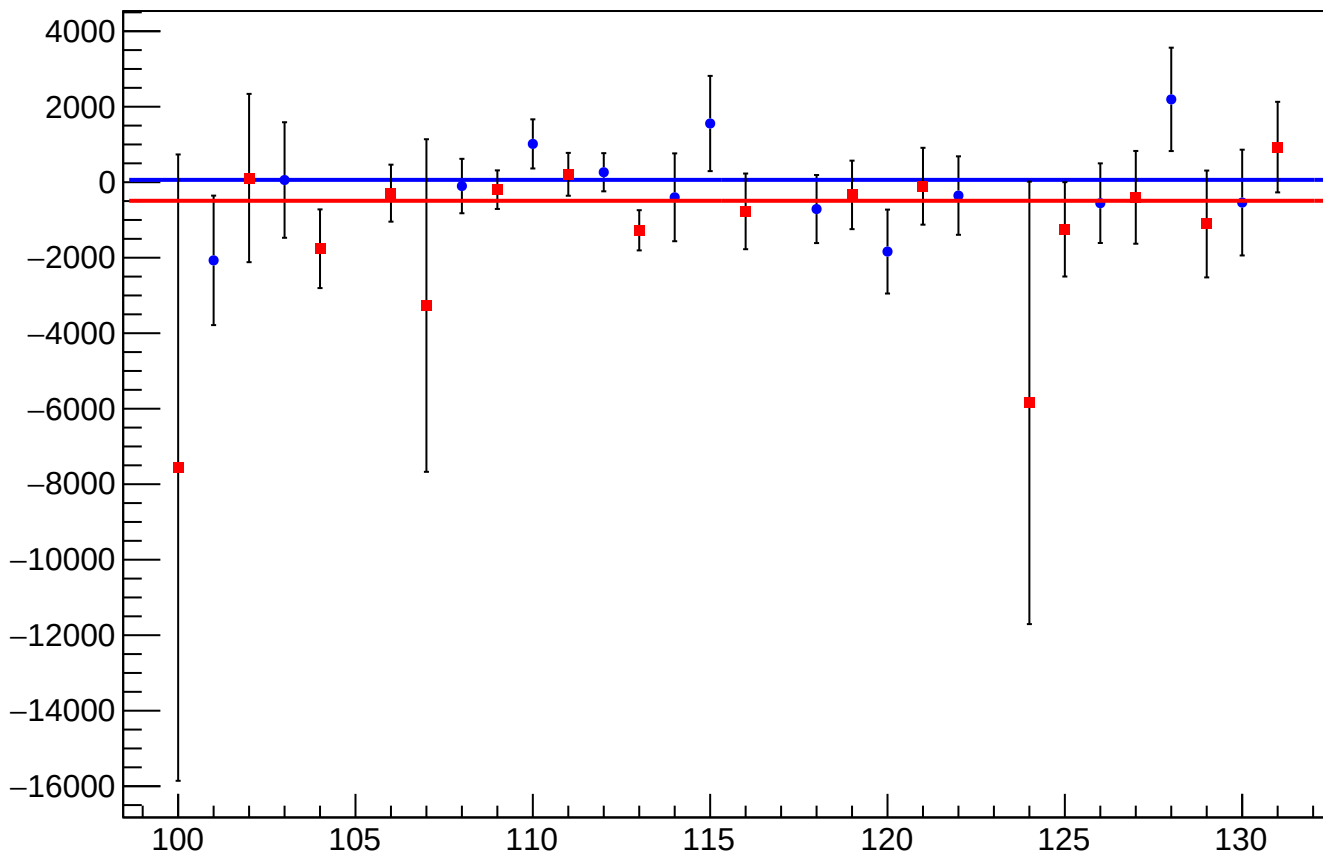
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1285.938+/-0.271 χ^2/NDF : 818524.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_cor_correction_mean vs Slug



Right In: 61.908+/-256.164 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -492.197+/-228.807 χ^2/NDF : 9.8/15

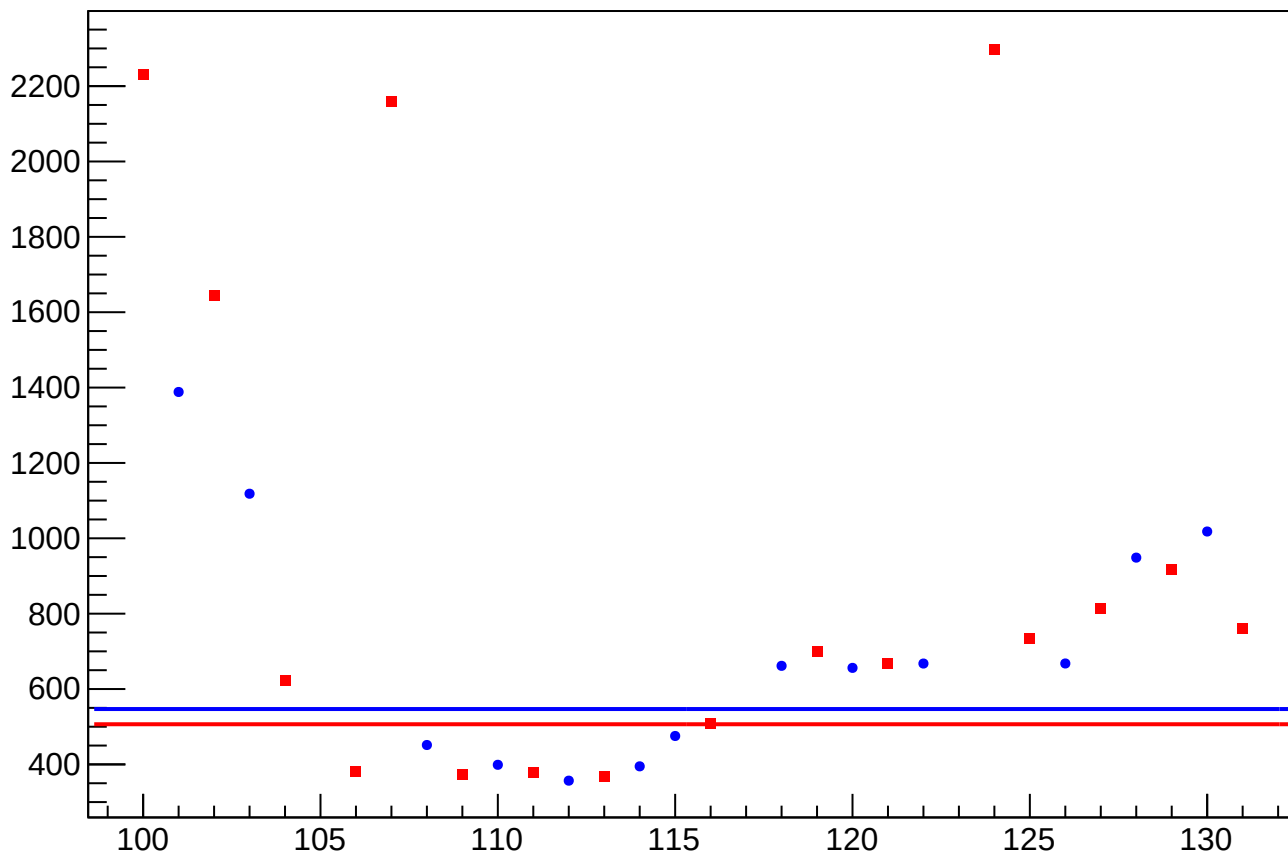
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -246.302+/-170.646 χ^2/NDF : 24.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_cor_correction_rms vs Slug



Right In: 546.929+/-0.181 χ^2/NDF : 1725354.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

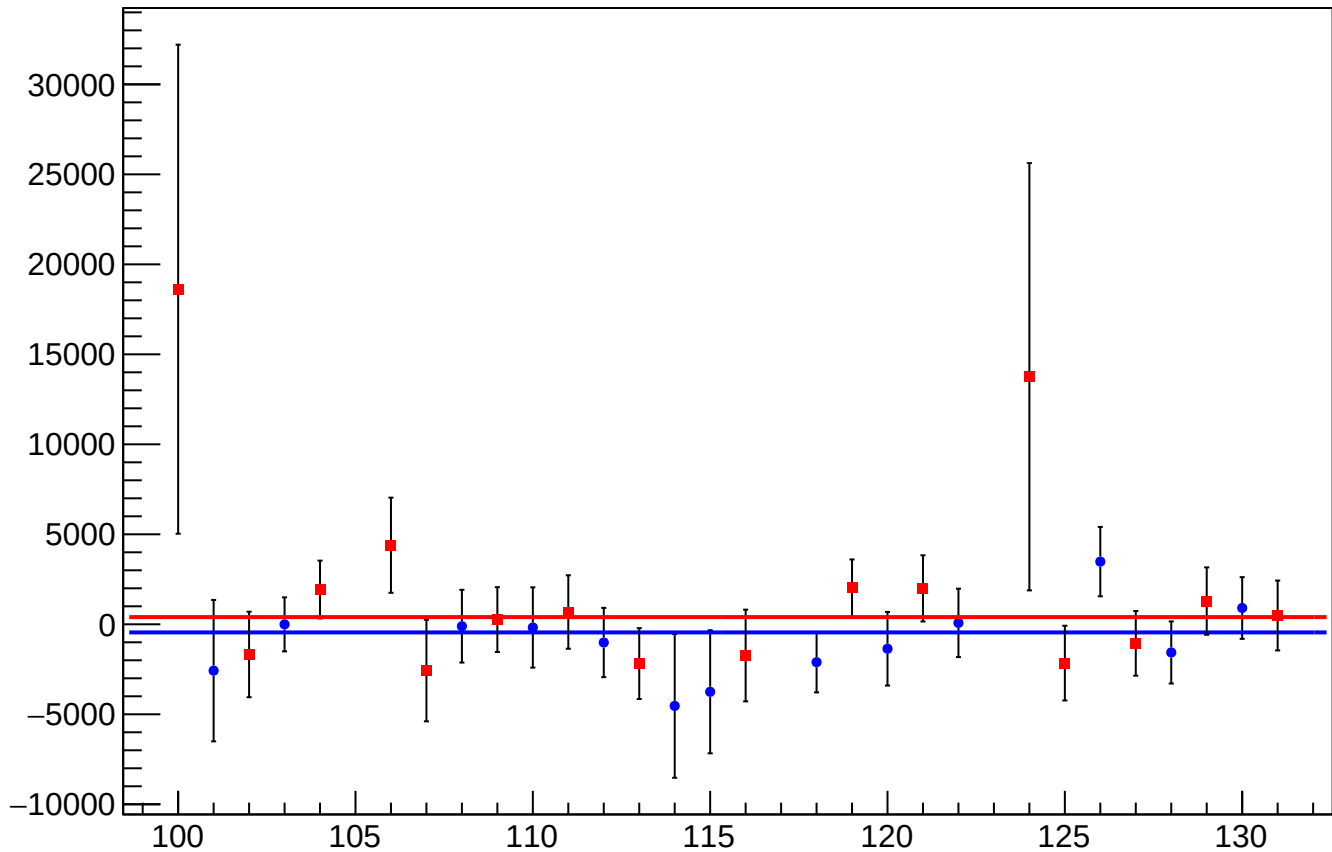
Right Out: 506.563+/-0.162 χ^2/NDF : 2122068.0/15

All: 524.476+/-0.121 χ^2/NDF : 3875045.7/28

- 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: -450.755+/-559.954 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 400.583+/-527.397 χ^2/NDF : 14.8/15

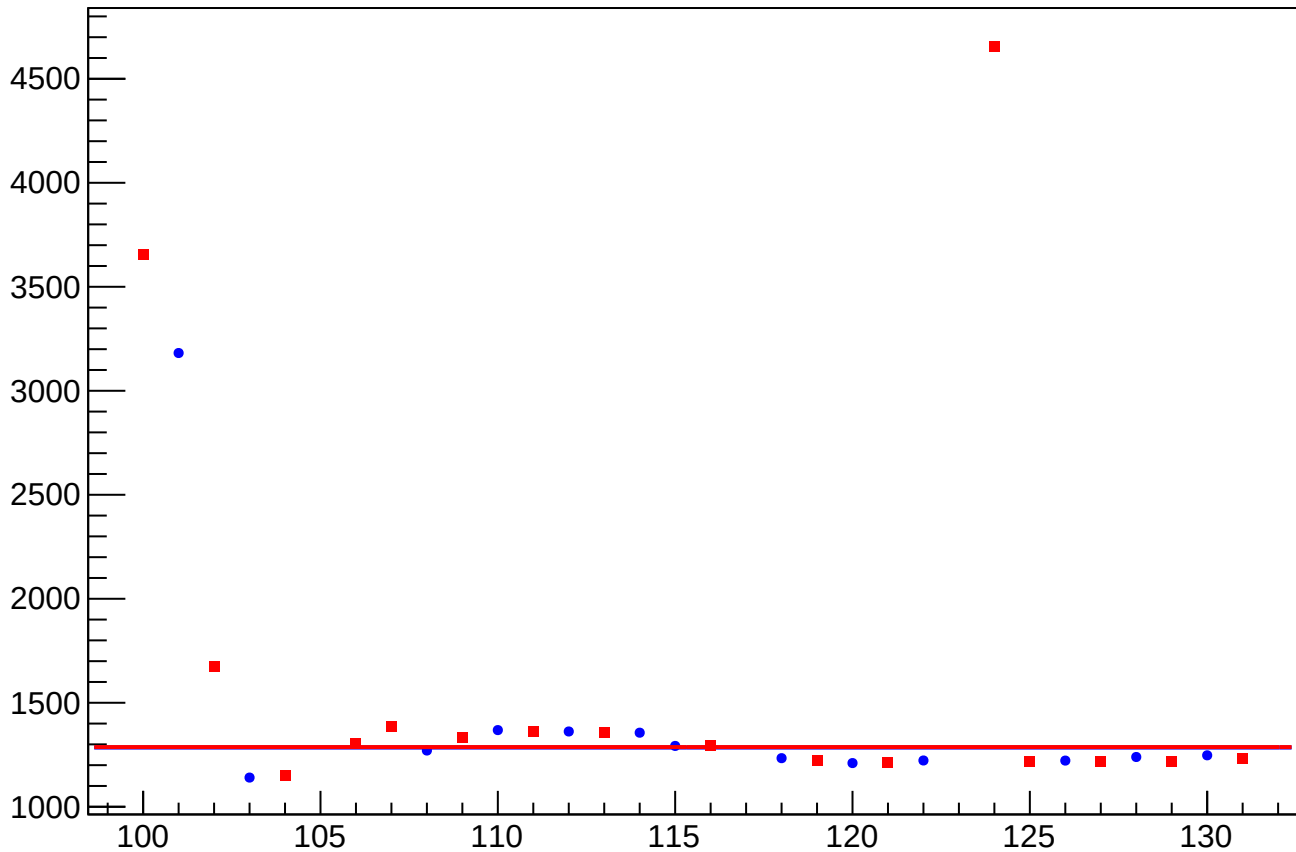
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.381+/-383.920 χ^2/NDF : 25.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1284.749+/-0.396 χ^2/NDF : 502673.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

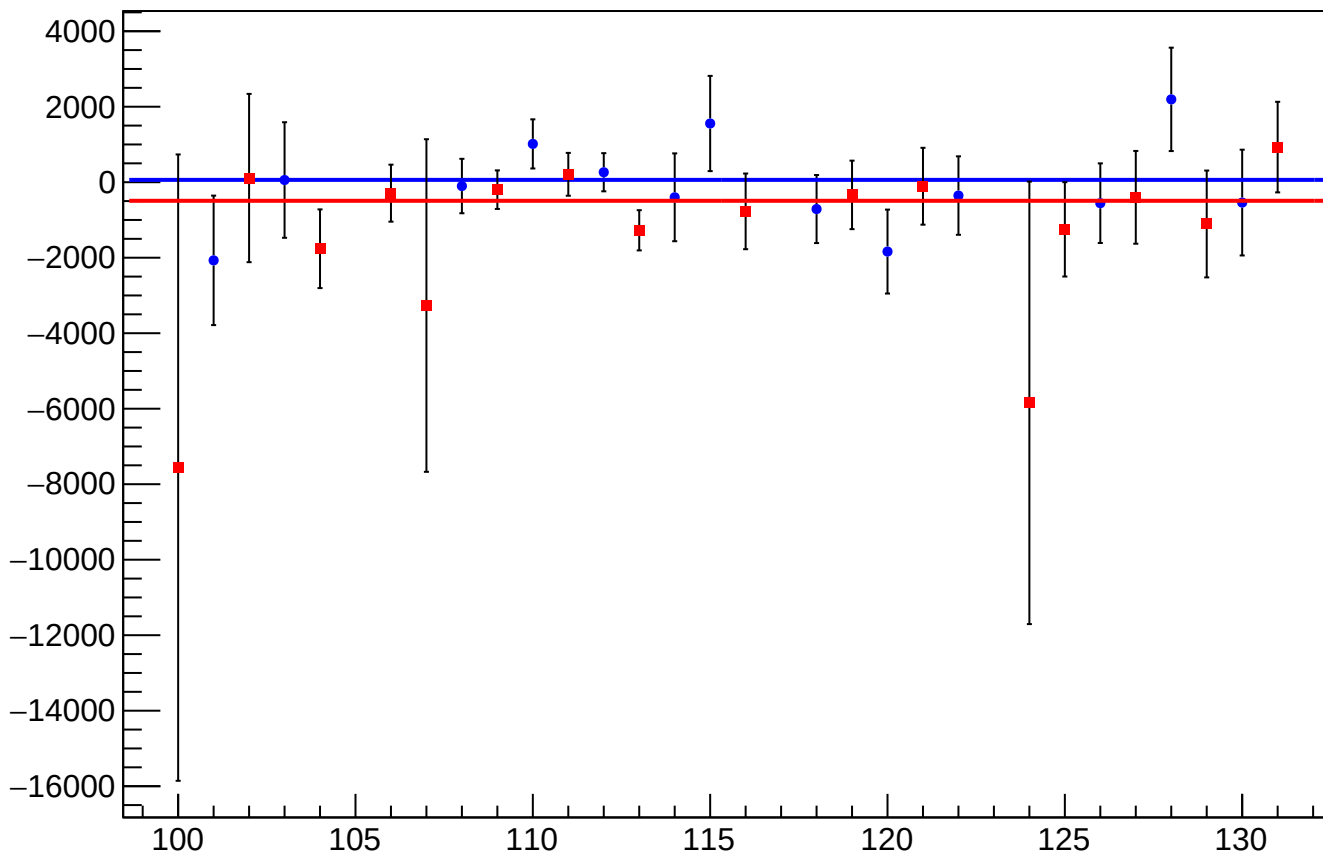
Right Out: 1286.993+/-0.373 χ^2/NDF : 315834.6/15

All: 1285.938+/-0.271 χ^2/NDF : 818524.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_eigen_cor_correction_mean vs Slug



Right In: 61.908+/-256.164 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -492.197+/-228.807 χ^2/NDF : 9.8/15

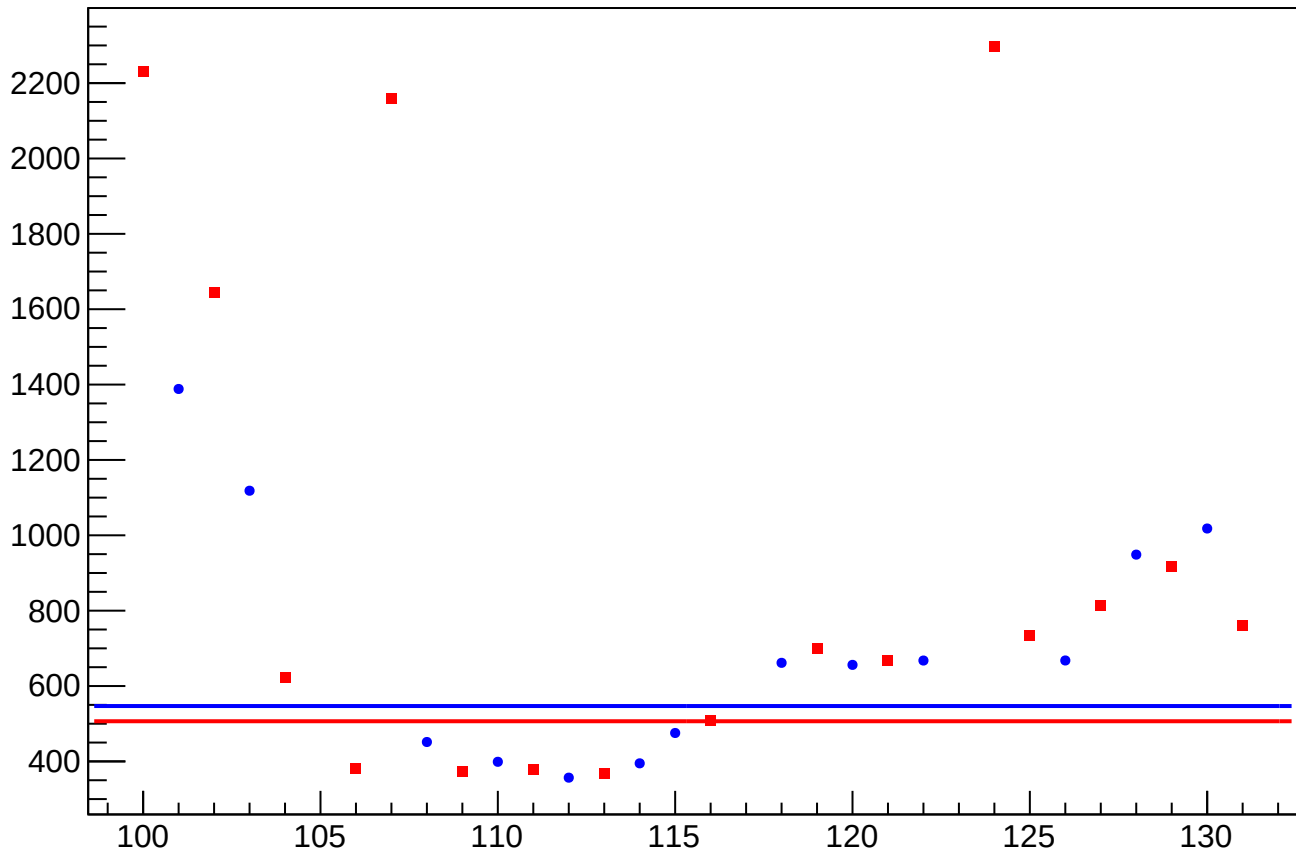
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -246.302+/-170.646 χ^2/NDF : 24.6/28

- 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: 546.929+/-0.181 χ^2/NDF : 1725354.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 506.563+/-0.162 χ^2/NDF : 2122068.0/15

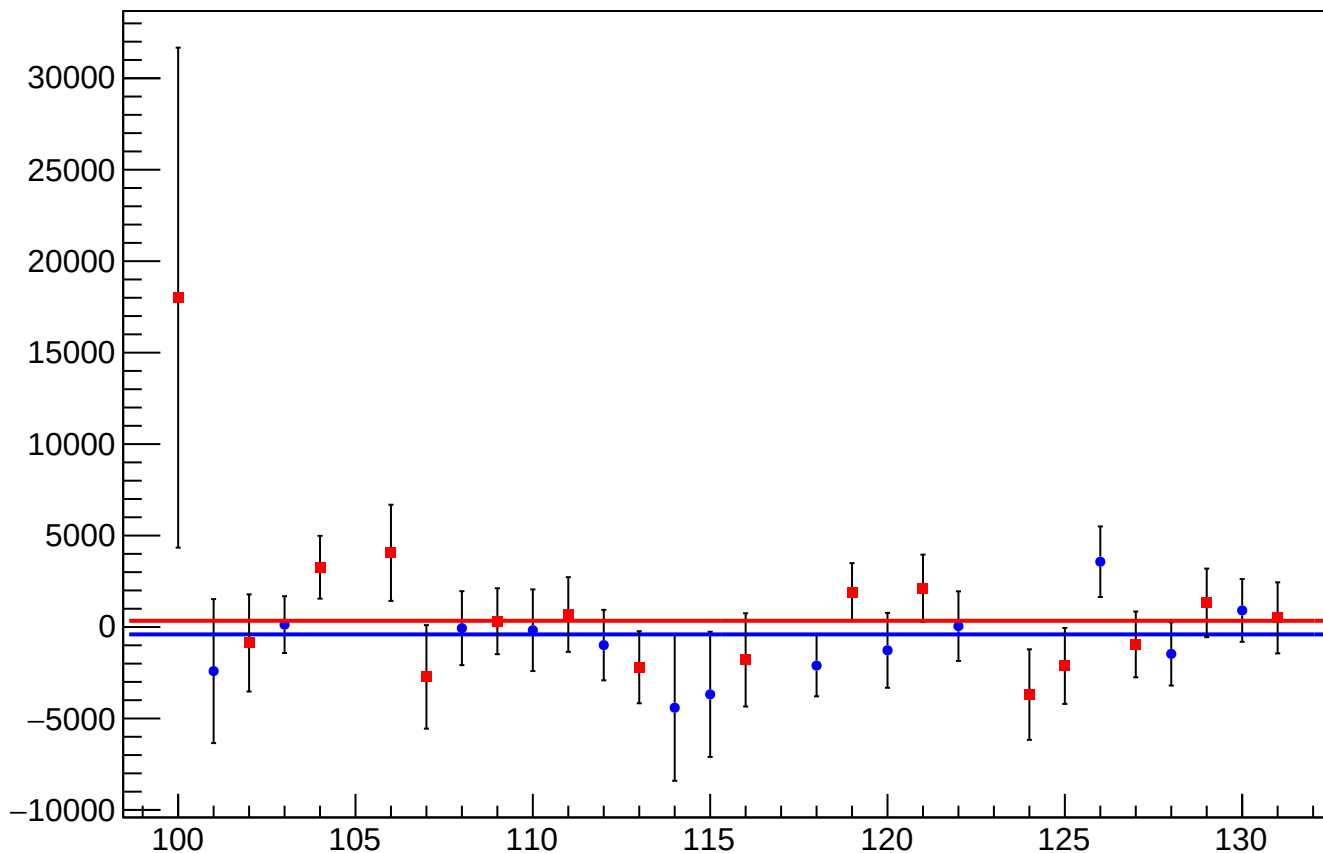
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.476+/-0.121 χ^2/NDF : 3875045.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -403.040 $\pm$ 563.051 χ^2 /NDF: 8.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 341.558 $\pm$ 522.512 χ^2 /NDF: 17.1/15

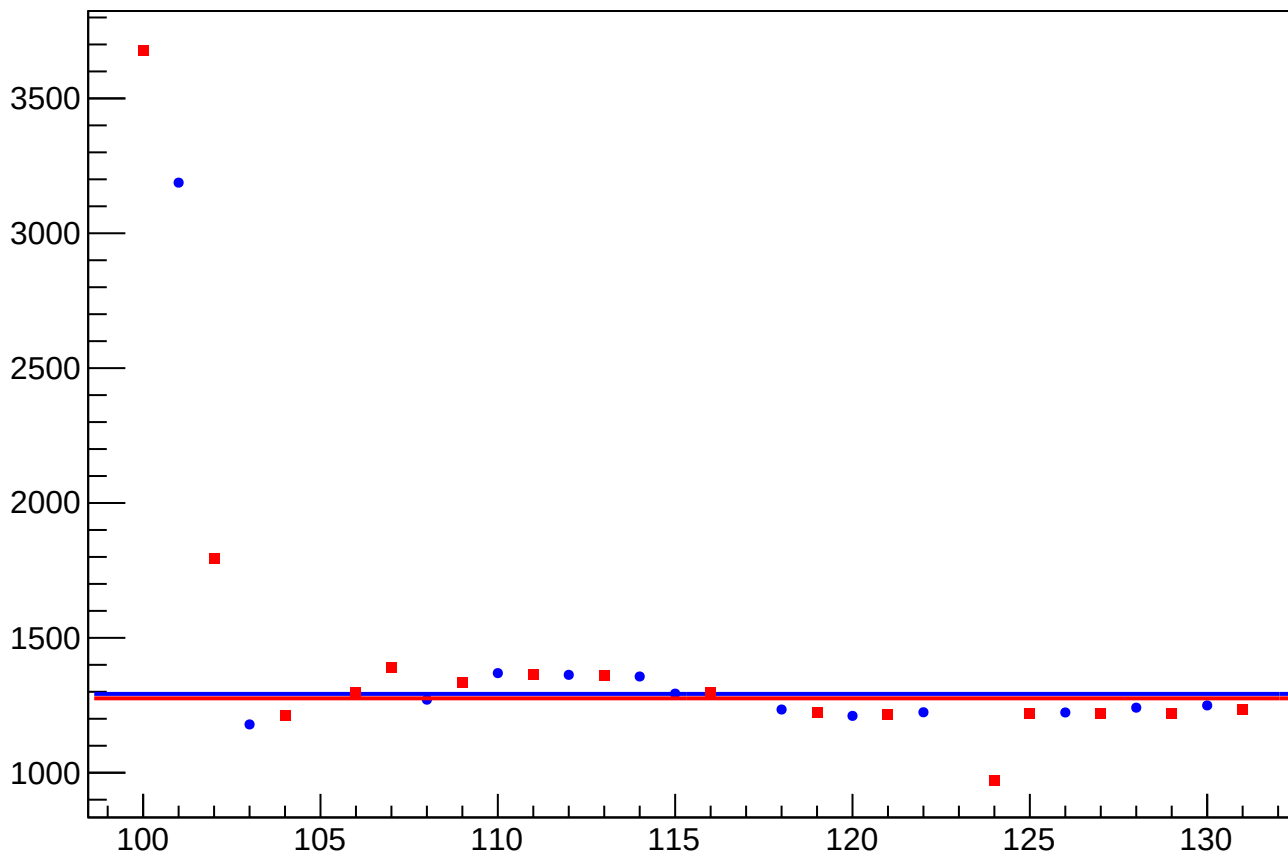
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.974 $\pm$ 383.002 χ^2 /NDF: 27.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1292.220+/-0.398 χ^2/NDF : 493836.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1275.788+/-0.369 χ^2/NDF : 194548.1/15

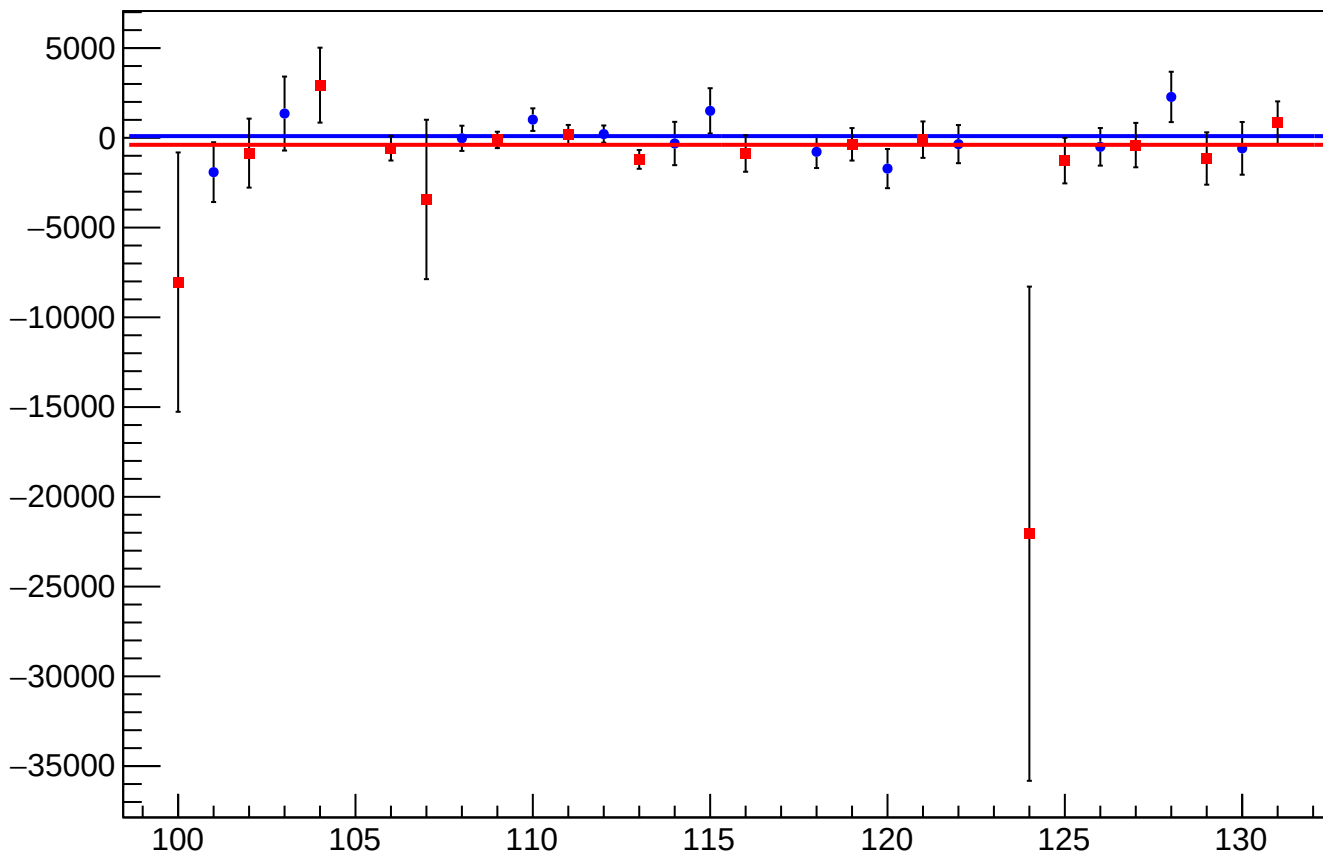
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1283.391+/-0.271 χ^2/NDF : 689299.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_dit_correction_mean vs Slug



Right In: 95.786 $\pm$ 252.827 χ^2 /NDF: 12.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -389.926 $\pm$ 222.217 χ^2 /NDF: 12.8/15

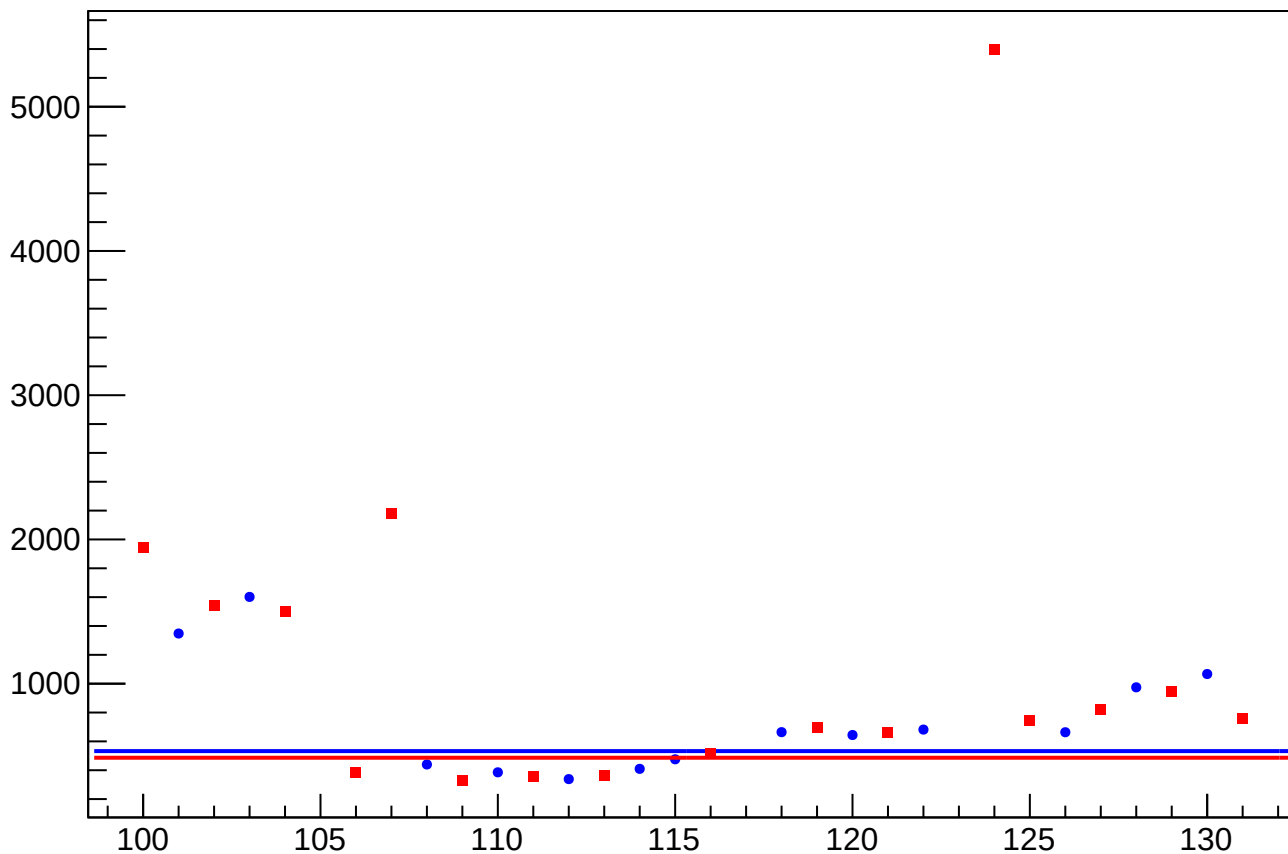
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -178.238 $\pm$ 166.910 χ^2 /NDF: 27.1/28

- 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: 532.585+/-0.179 χ^2/NDF : 2111777.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 486.634+/-0.157 χ^2/NDF : 2922315.1/15

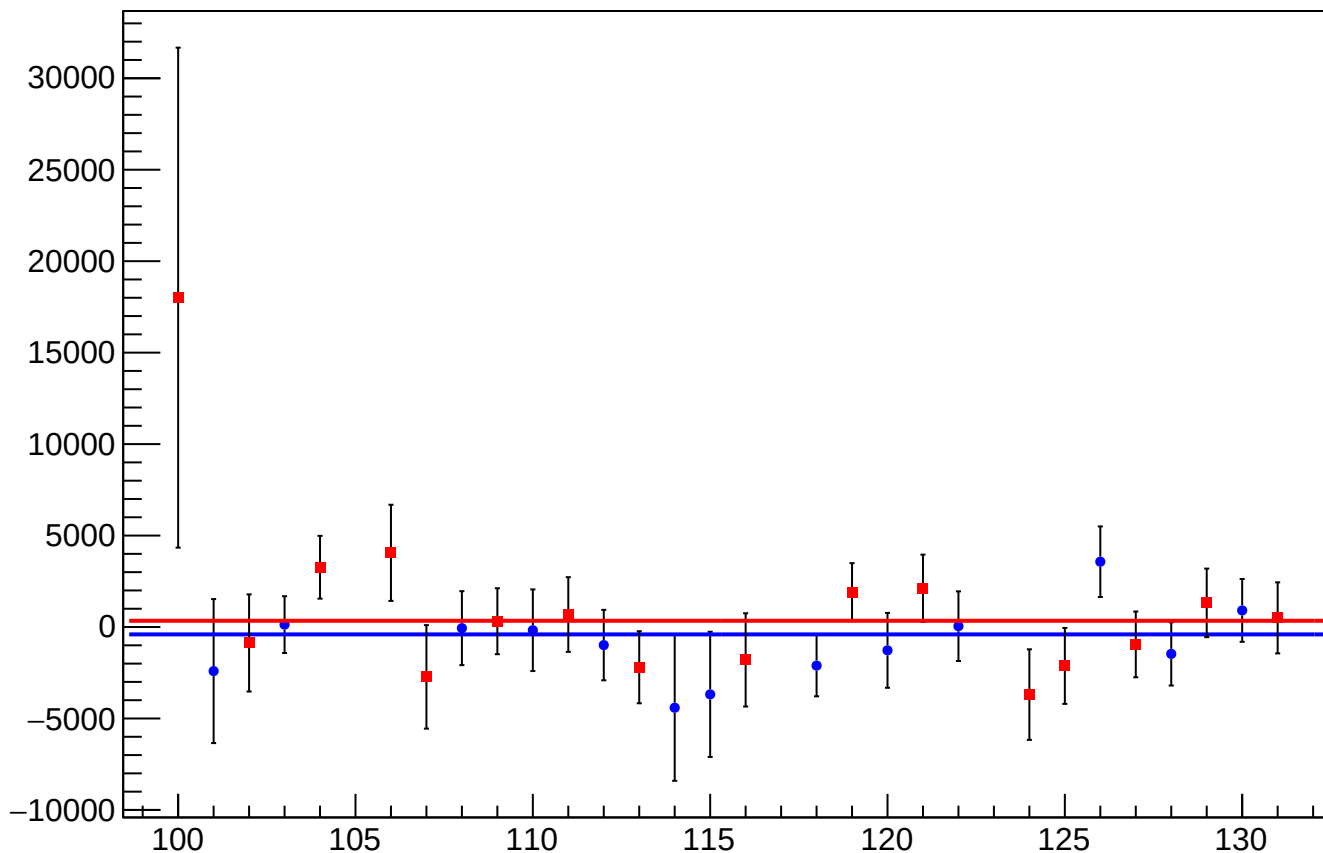
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 506.661+/-0.118 χ^2/NDF : 5071364.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -403.040+/-563.051 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 341.559+/-522.512 χ^2/NDF : 17.1/15

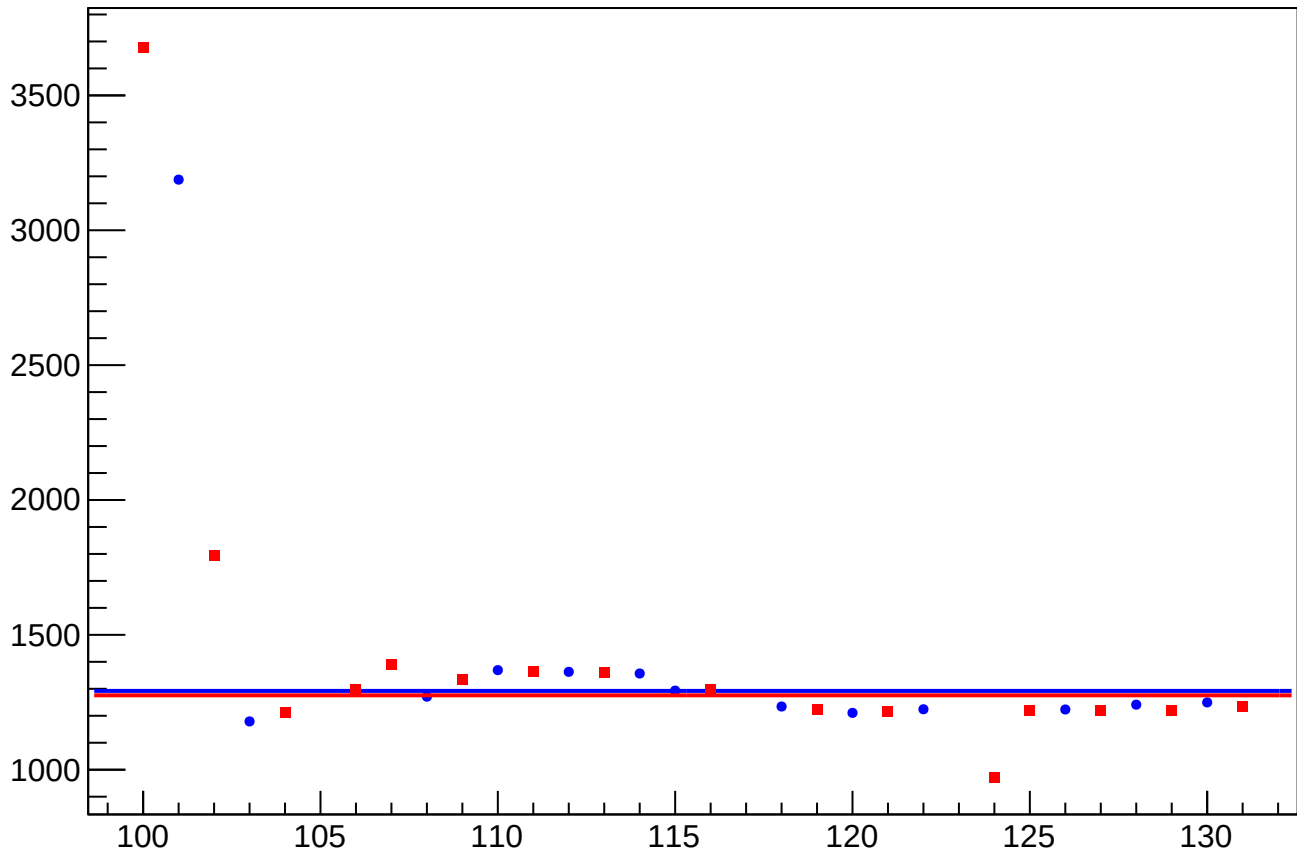
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.973+/-383.002 χ^2/NDF : 27.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1292.220+/-0.398 χ^2/NDF : 493836.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1275.788+/-0.369 χ^2/NDF : 194548.4/15

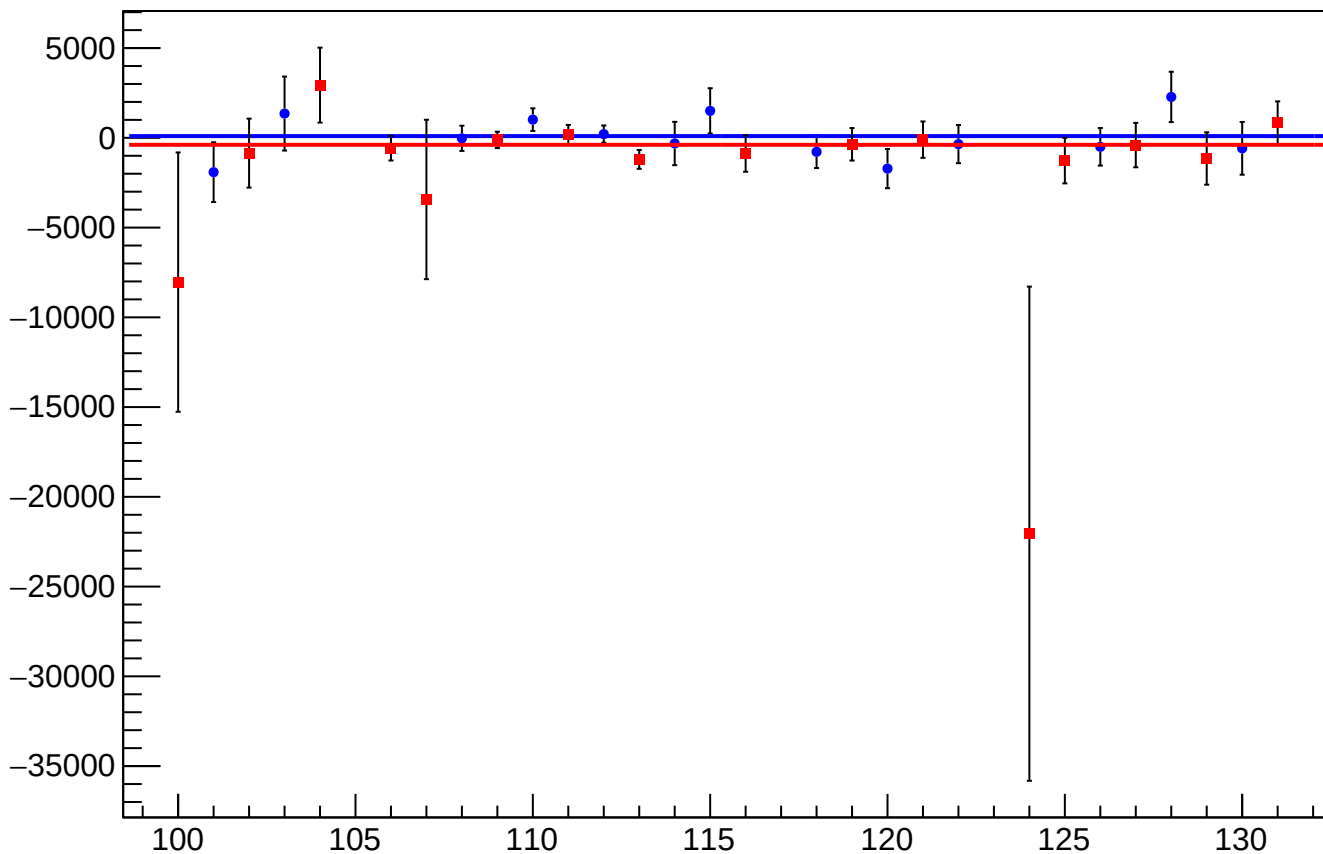
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1283.391+/-0.271 χ^2/NDF : 689299.6/28

- 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: 95.787 $\pm$ 252.825 χ^2 /NDF: 12.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -389.925 $\pm$ 222.216 χ^2 /NDF: 12.8/15

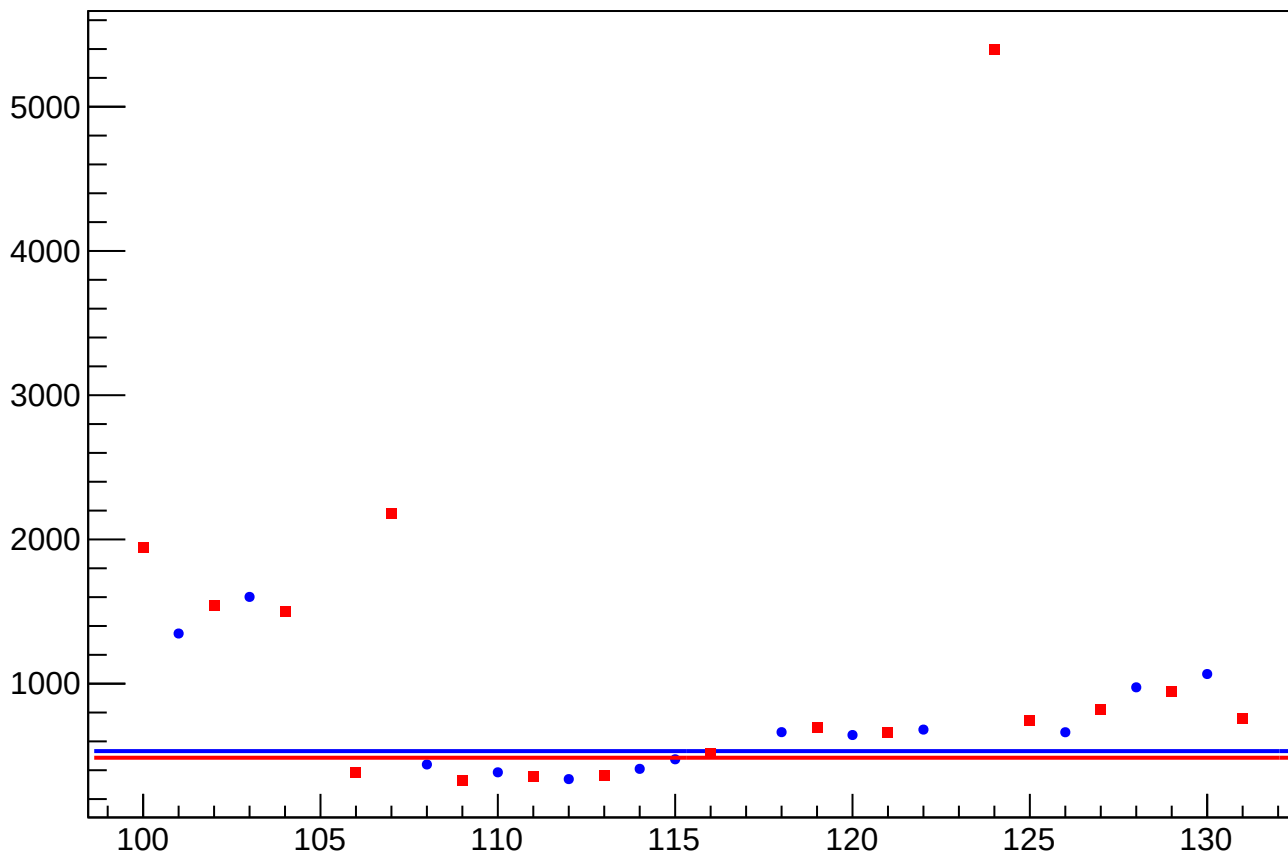
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -178.236 $\pm$ 166.909 χ^2 /NDF: 27.1/28

- 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: 532.582+/-0.179 χ^2/NDF : 2111781.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

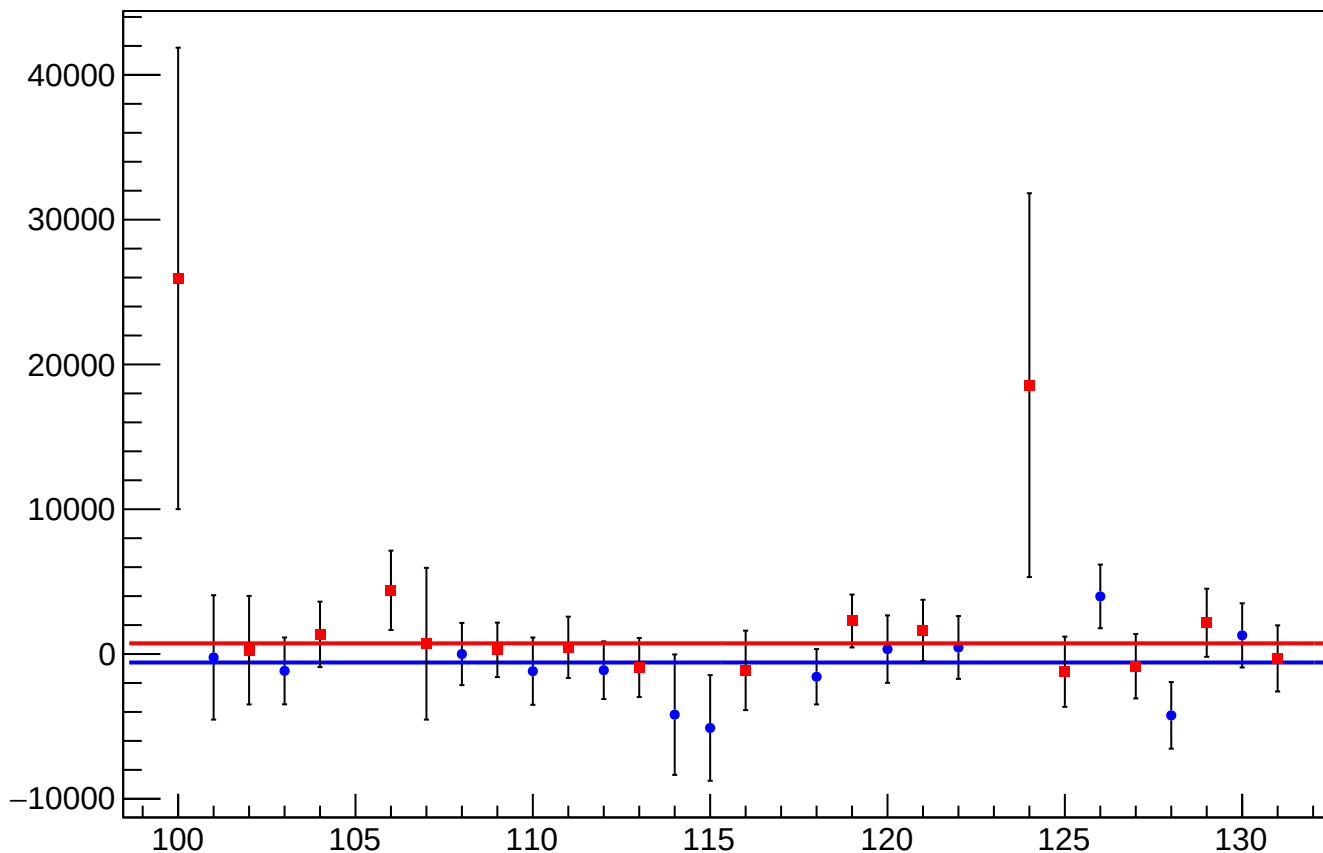
Right Out: 486.633+/-0.157 χ^2/NDF : 2922321.4/15

All: 506.659+/-0.118 χ^2/NDF : 5071372.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -584.343+/-659.699 χ^2/NDF : 10.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 739.642+/-621.070 χ^2/NDF : 10.0/15

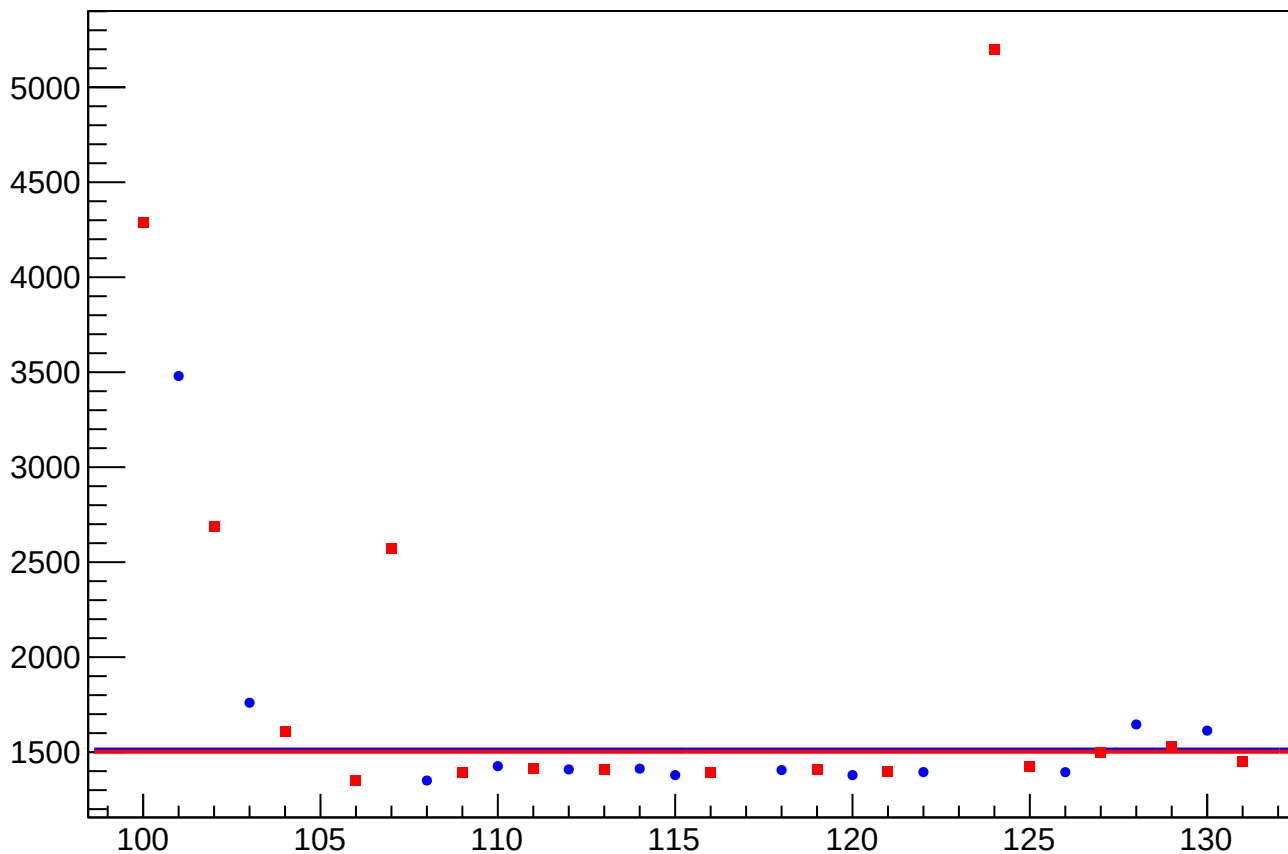
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.546+/-452.203 χ^2/NDF : 22.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1513.636+/-0.466 χ^2/NDF : 501118.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1502.206+/-0.439 χ^2/NDF : 540886.9/15

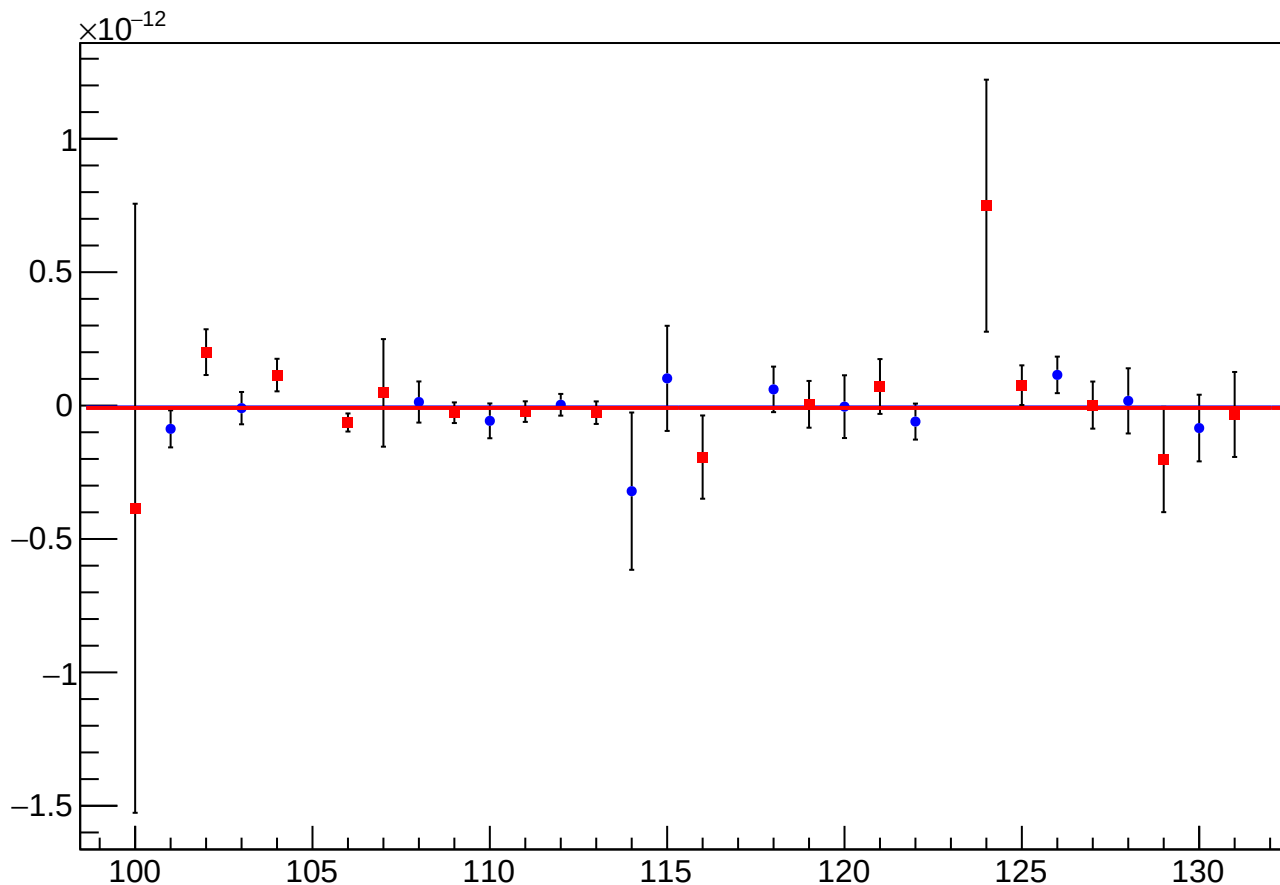
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1507.577+/-0.320 χ^2/NDF : 1042323.2/28

- 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: 8.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.3/15

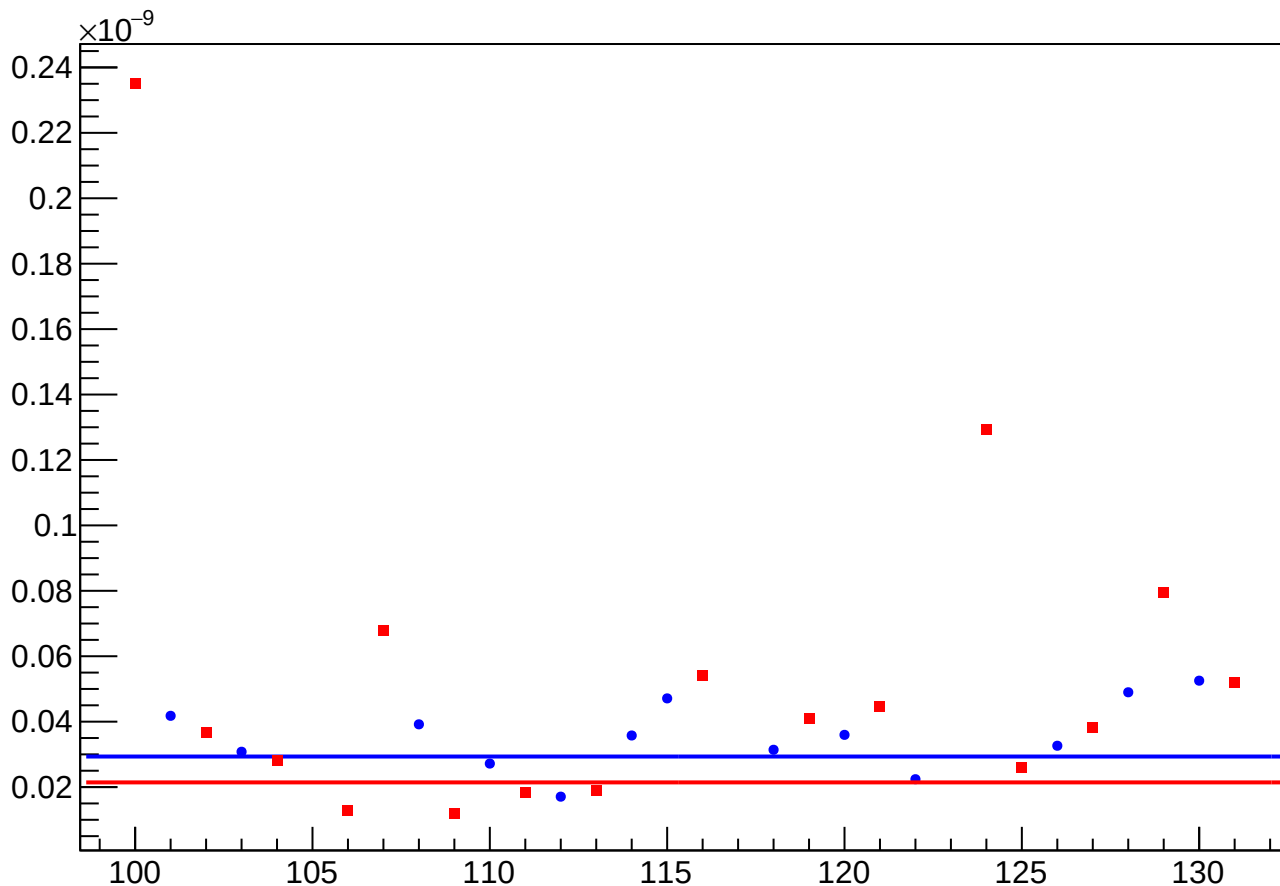
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 28.6/28

- 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 : 453057.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1257552.1/15

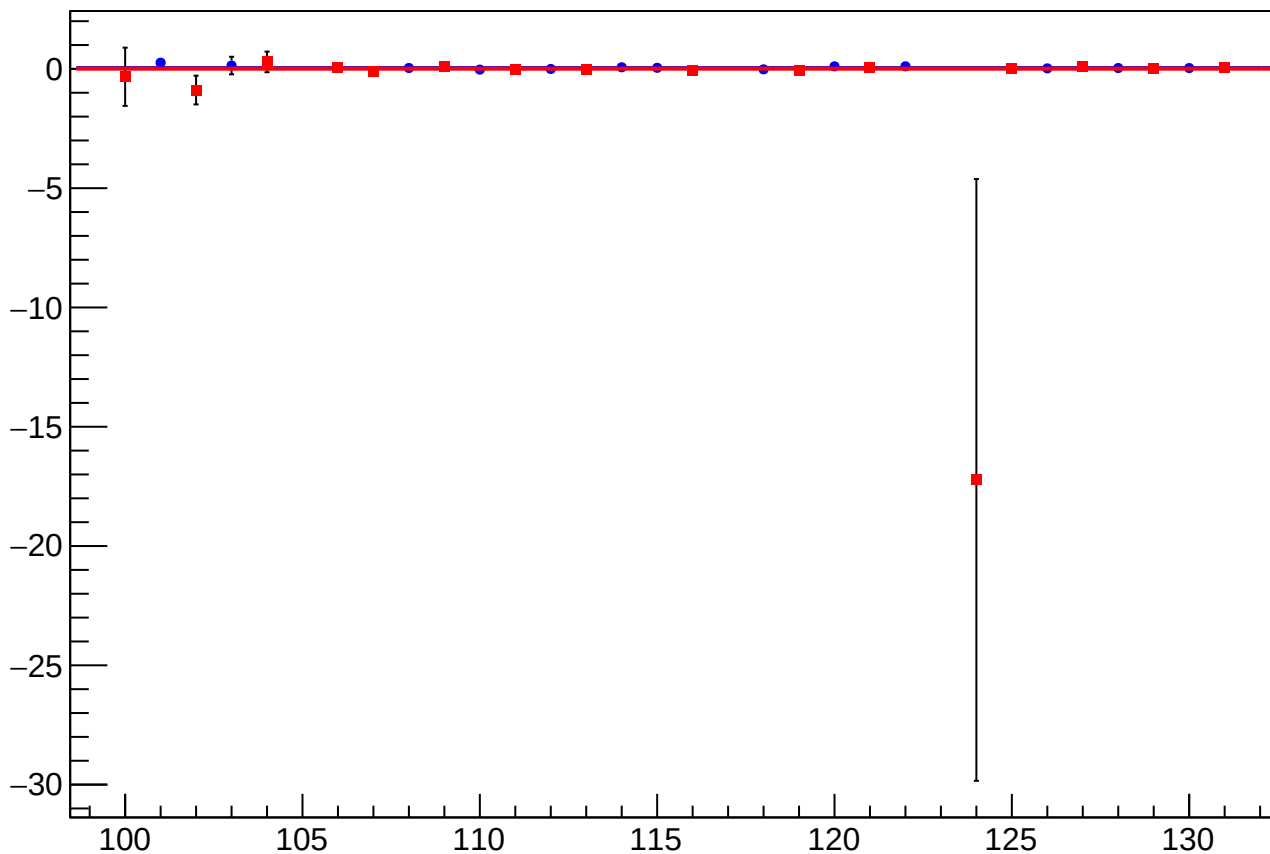
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1890602.7/28

- 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: 0.033+/-0.019 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.018 χ^2/NDF : 15.2/15

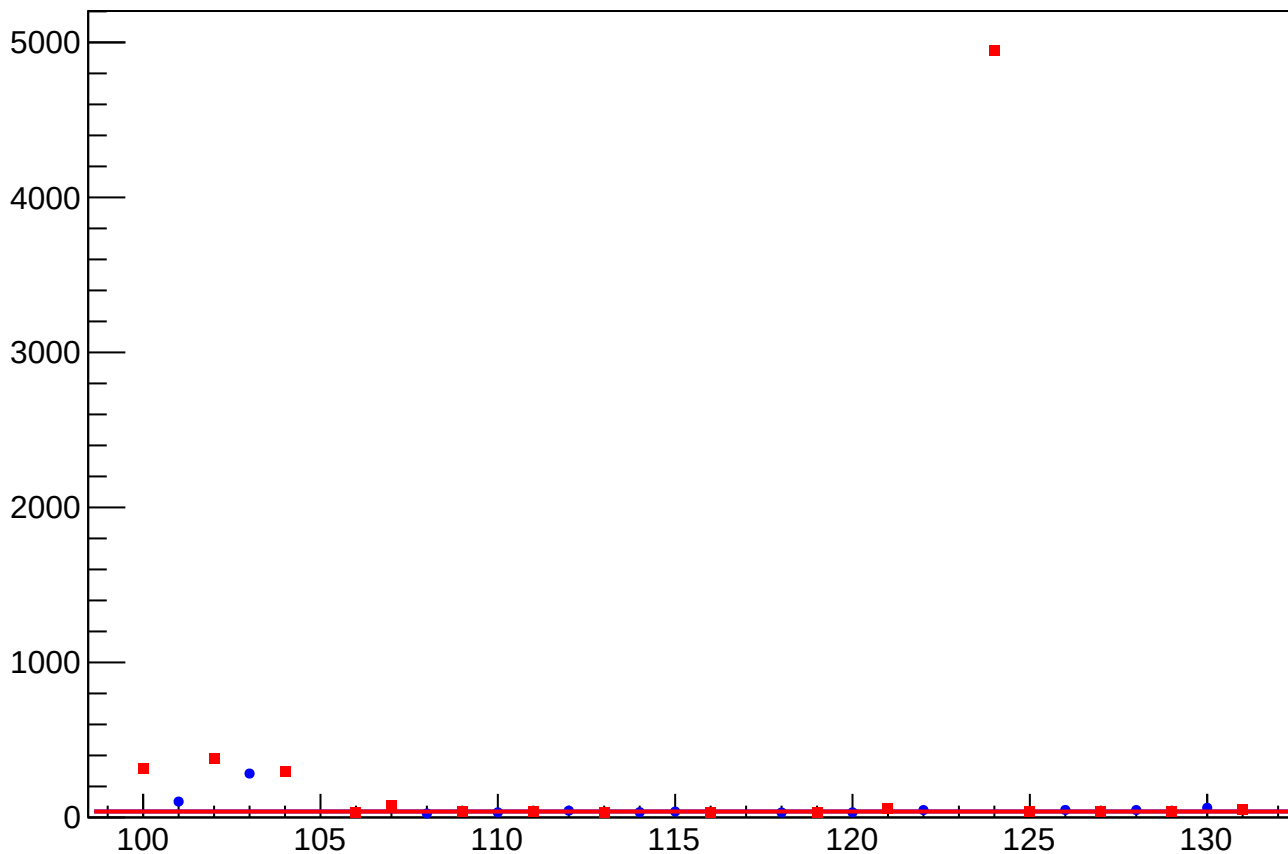
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.013 χ^2/NDF : 24.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_rms vs Slug



Right In: 38.749+/-0.013 χ^2/NDF : 1825561.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.142+/-0.013 χ^2/NDF : 2100236.1/15

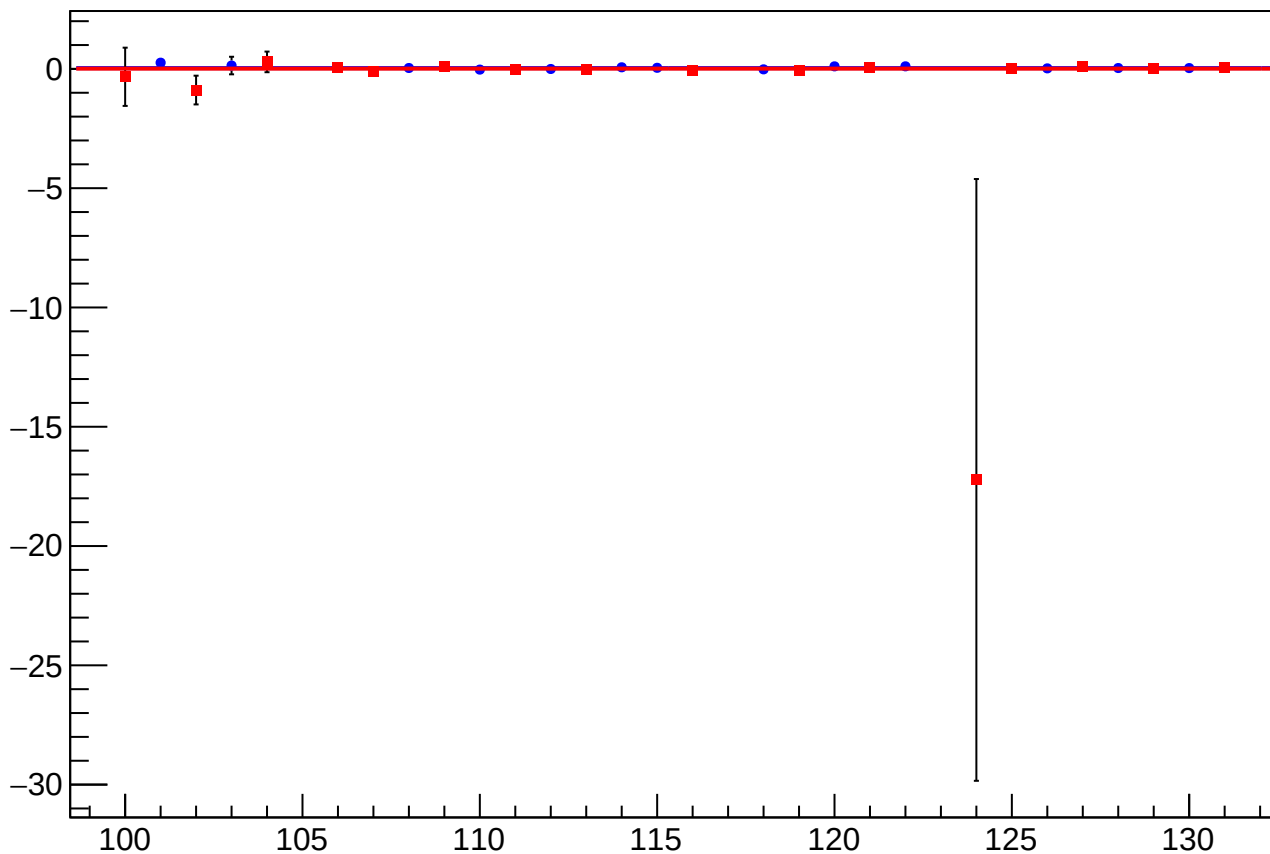
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.432+/-0.009 χ^2/NDF : 3926854.2/28

- 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: 0.033+/-0.019 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.018 χ^2/NDF : 15.2/15

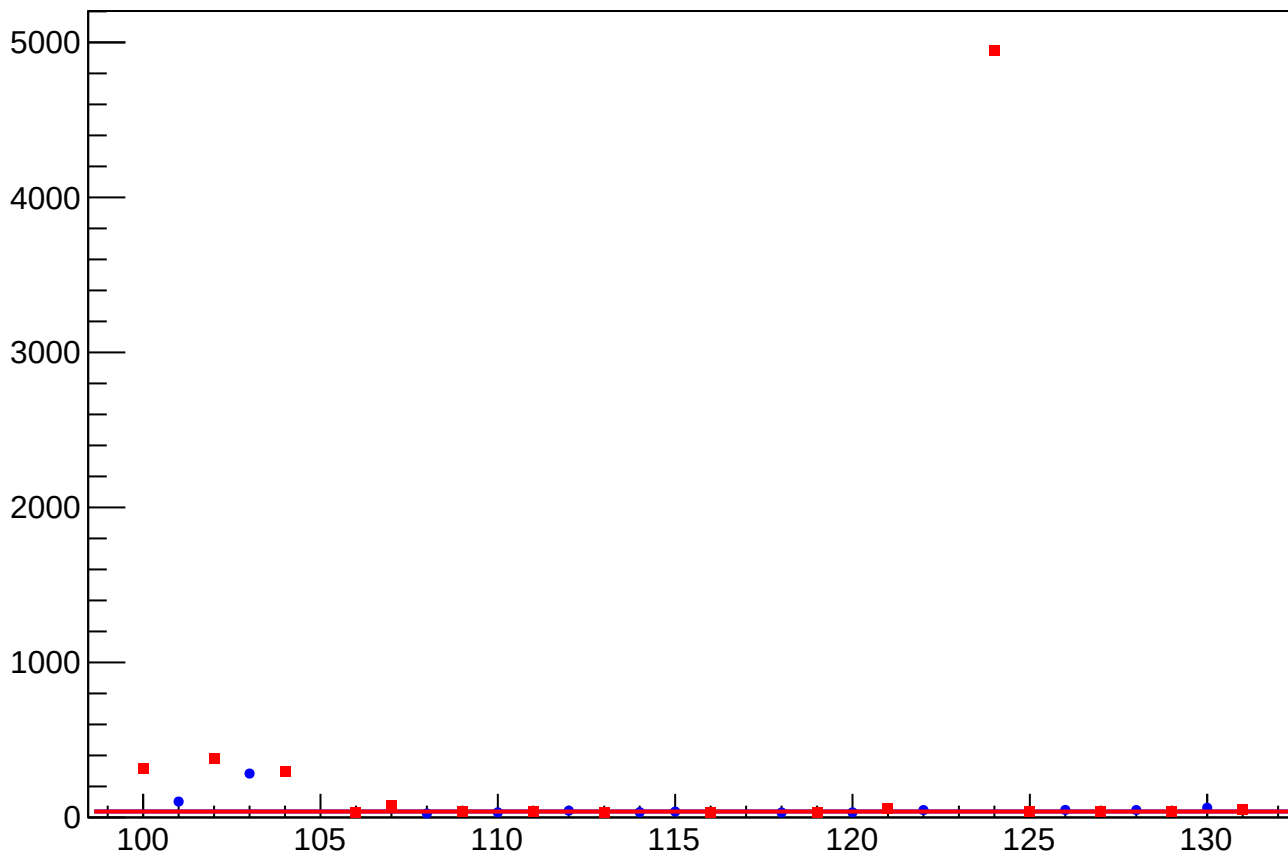
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.013 χ^2/NDF : 24.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 38.749 $\pm$ 0.013 χ^2 /NDF: 1825561.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.142 $\pm$ 0.013 χ^2 /NDF: 2100236.1/15

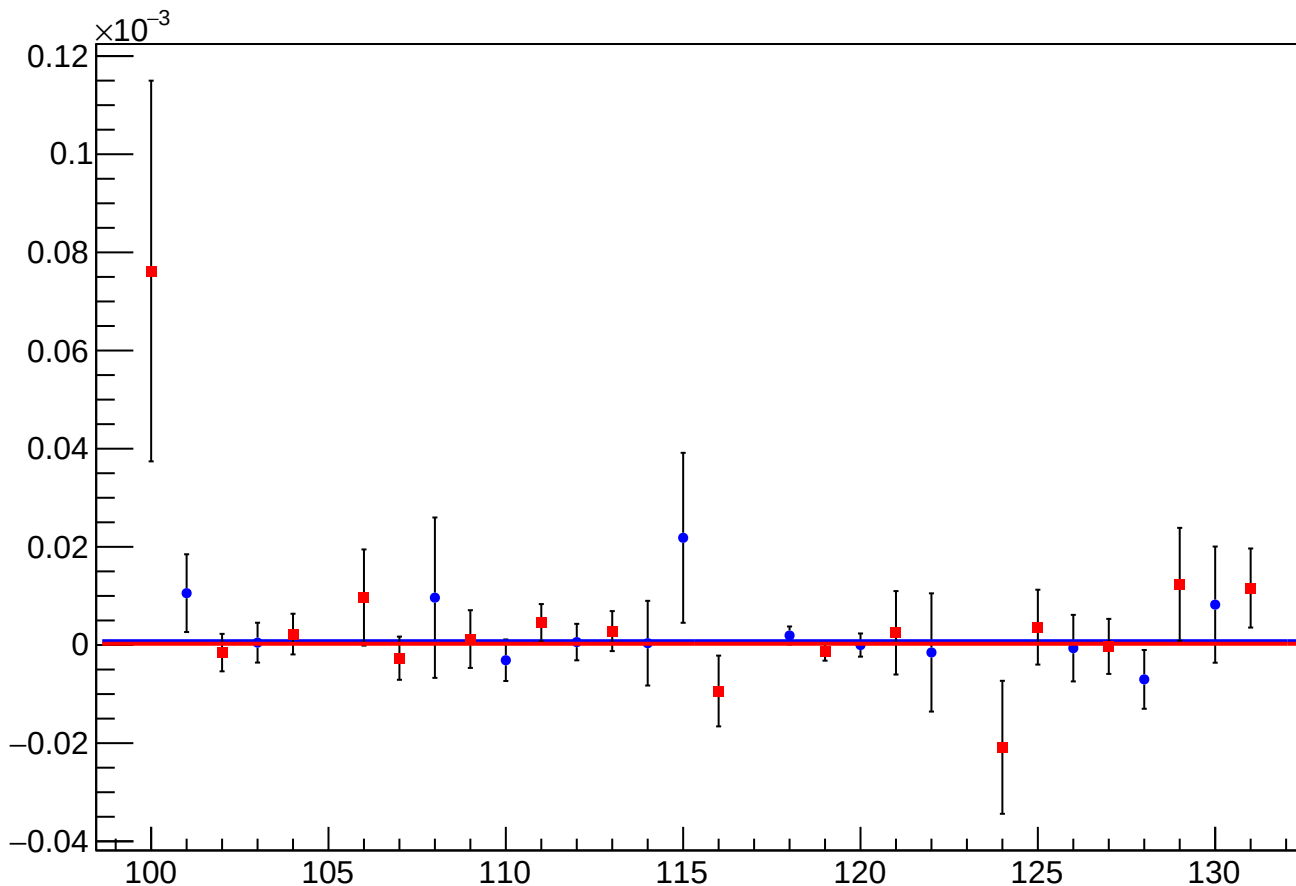
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 38.432 $\pm$ 0.009 χ^2 /NDF: 3926854.2/28

- 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: 6.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.7/15

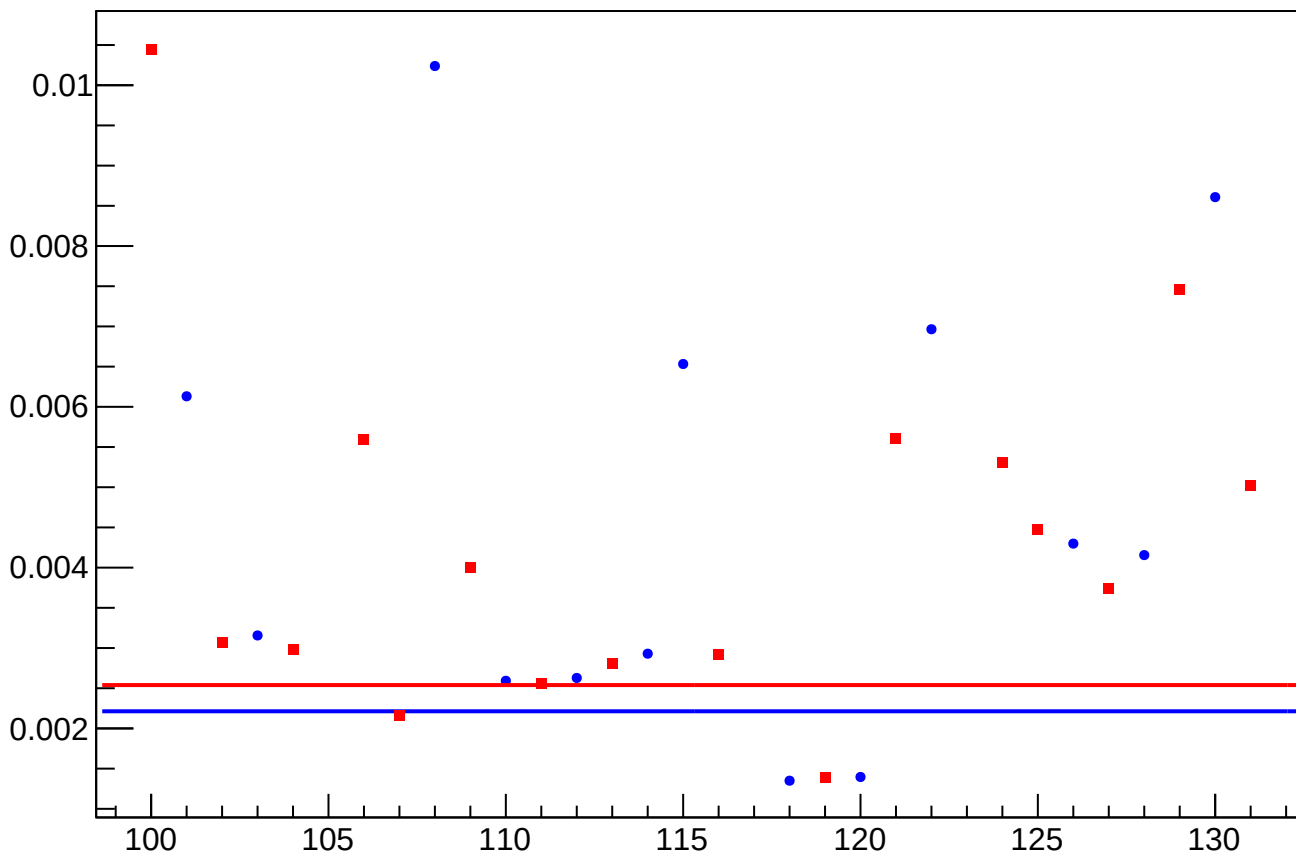
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.7/28

- 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 : 3235633.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2418354.0/15

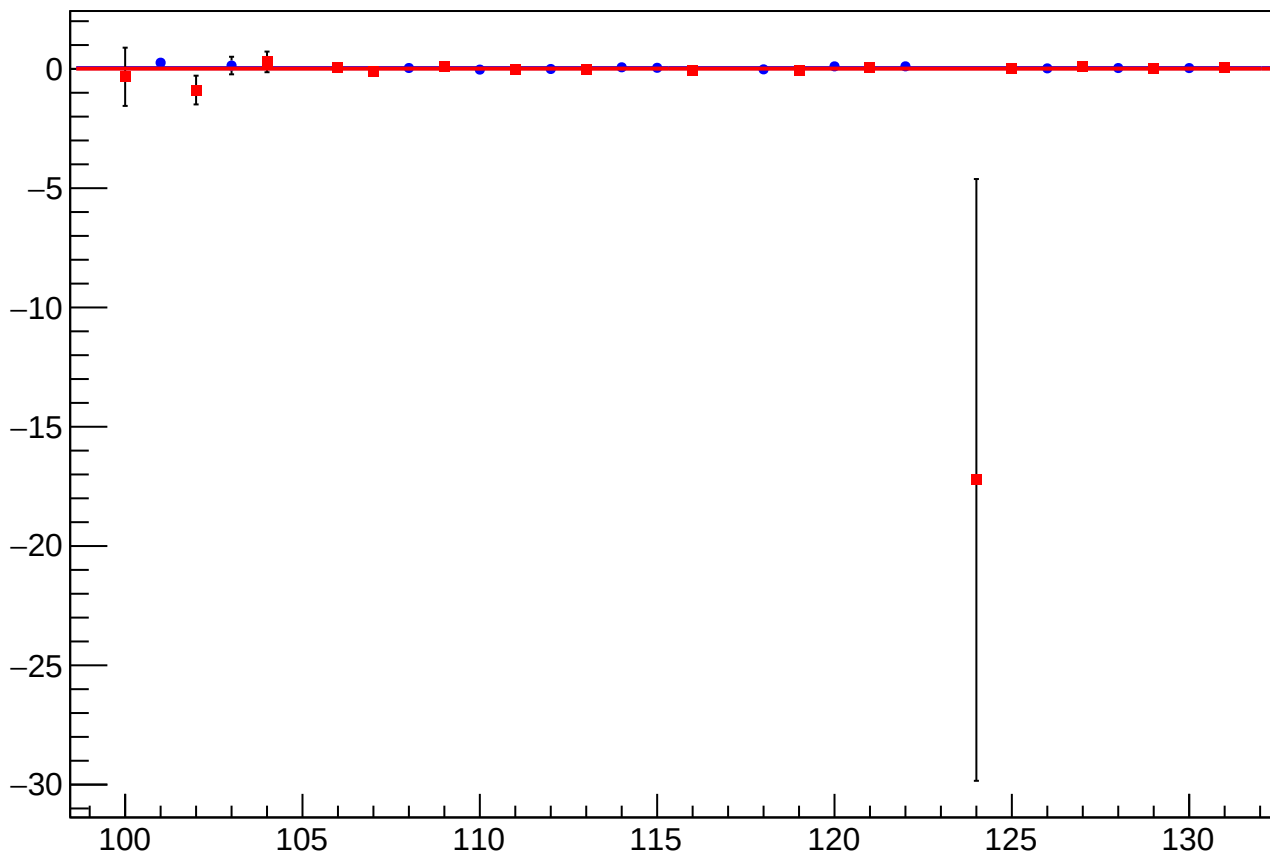
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5735224.8/28

- 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: 0.033 $\pm$ 0.019 χ^2 /NDF: 8.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.011 $\pm$ 0.018 χ^2 /NDF: 15.2/15

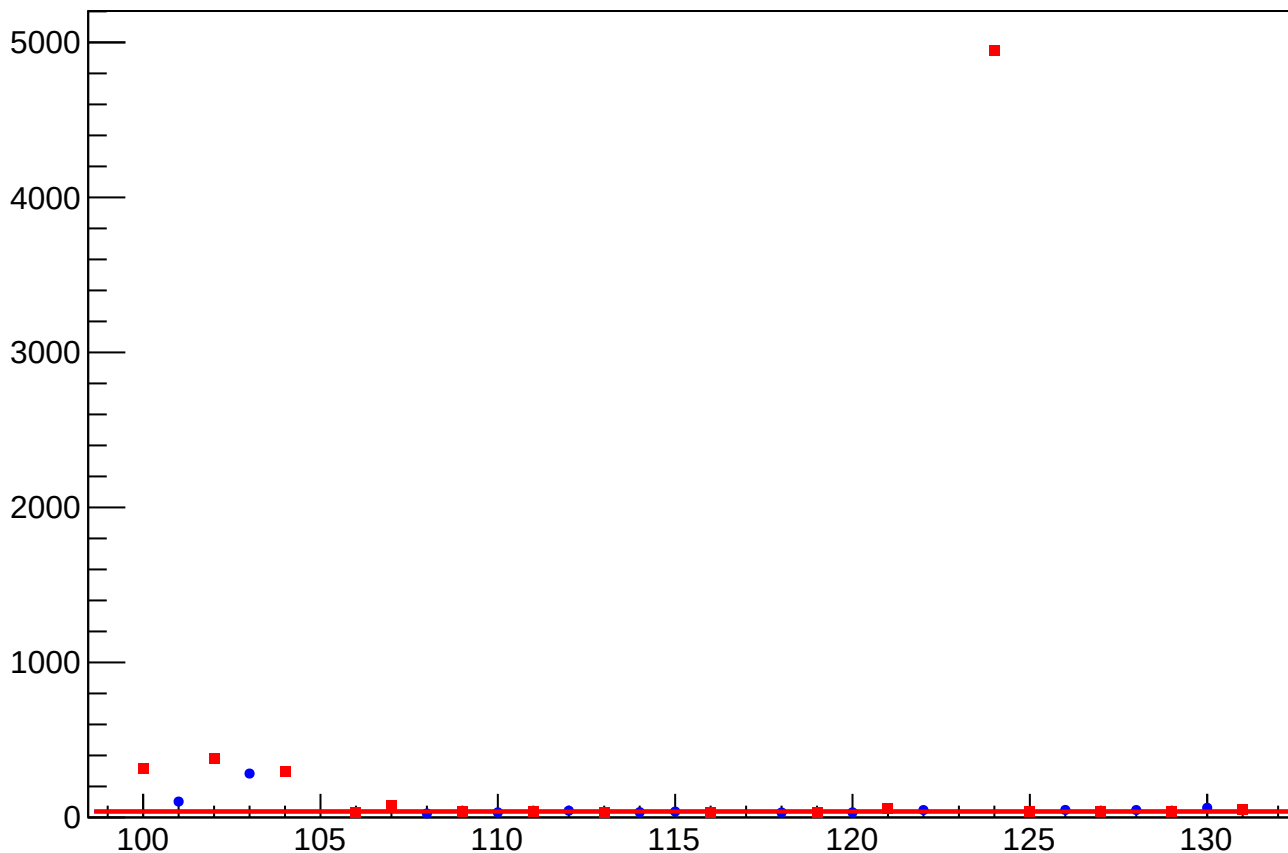
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.022 $\pm$ 0.013 χ^2 /NDF: 24.2/28

- 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: 38.749 $\pm$ 0.013 χ^2 /NDF: 1825423.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.142 $\pm$ 0.013 χ^2 /NDF: 2100238.3/15

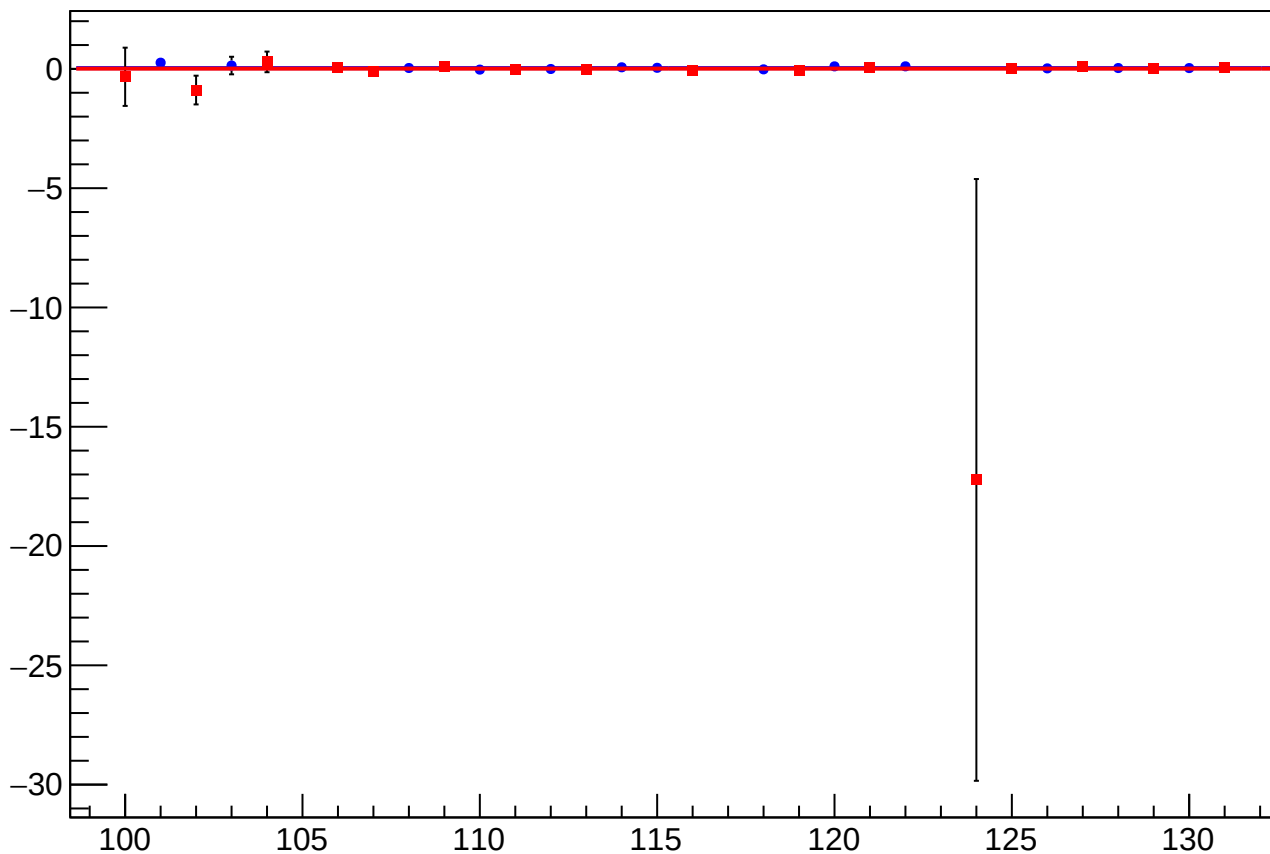
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 38.433 $\pm$ 0.009 χ^2 /NDF: 3926721.8/28

- 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: 0.033 $\pm$ 0.019 χ^2 /NDF: 8.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.011 $\pm$ 0.018 χ^2 /NDF: 15.2/15

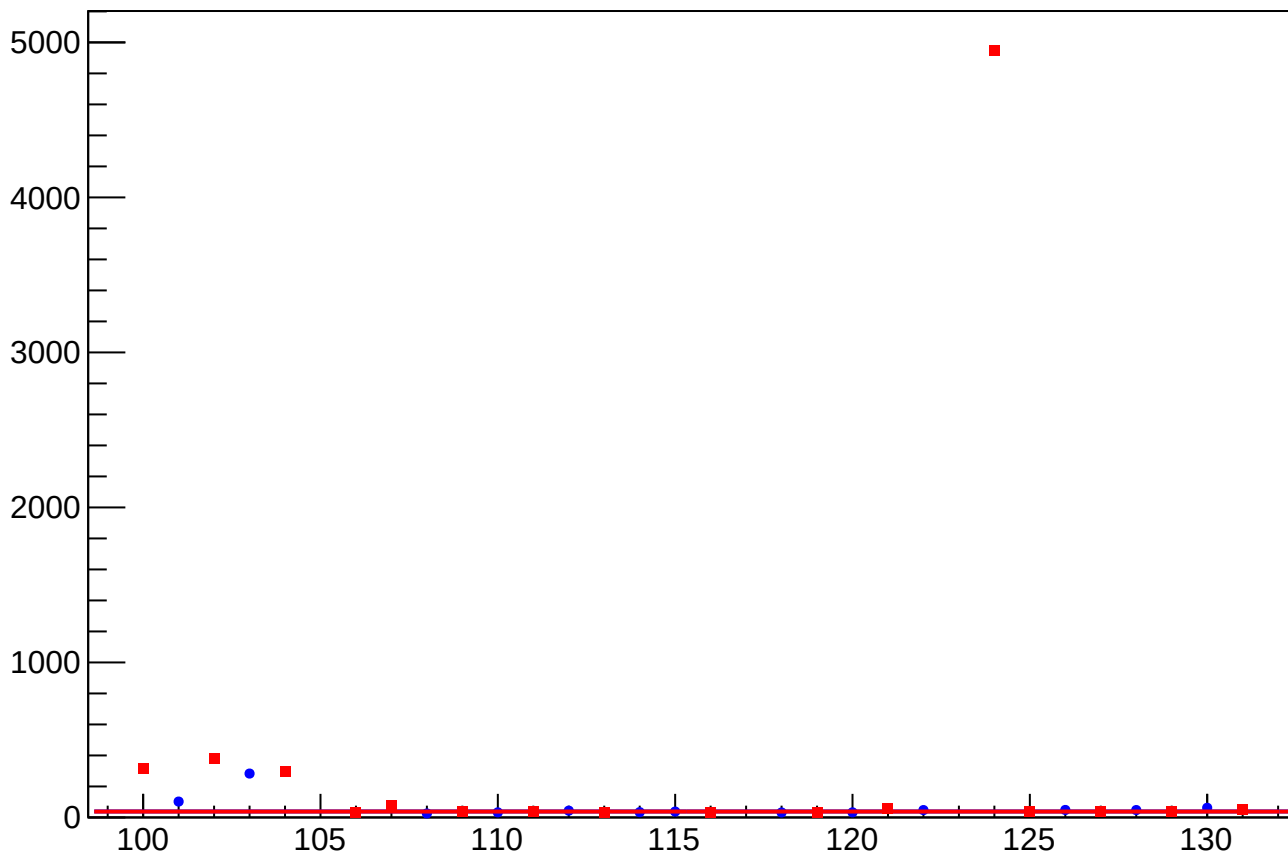
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

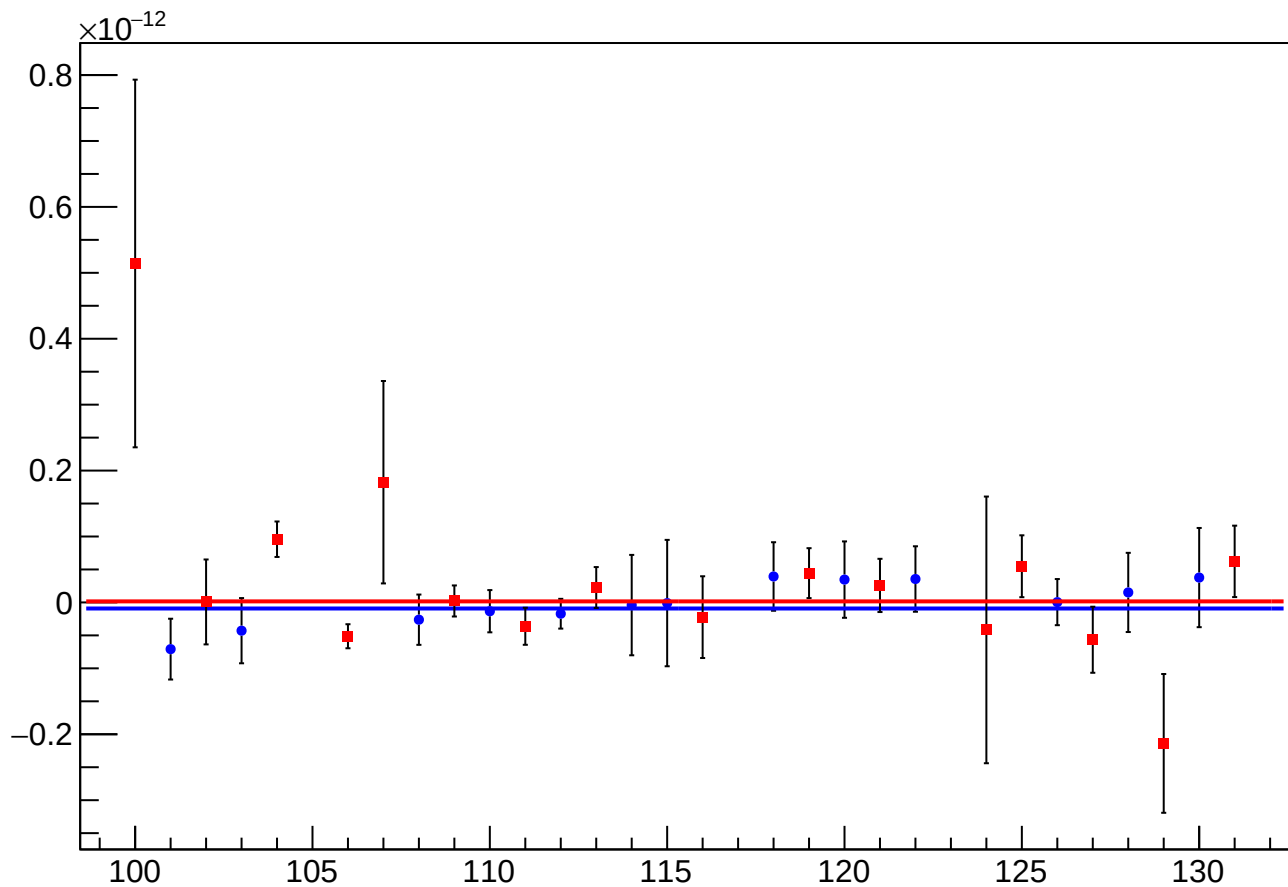
All: 0.022 $\pm$ 0.013 χ^2 /NDF: 24.2/28

- 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



asym_atl_avg_atr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 5.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 37.6/15

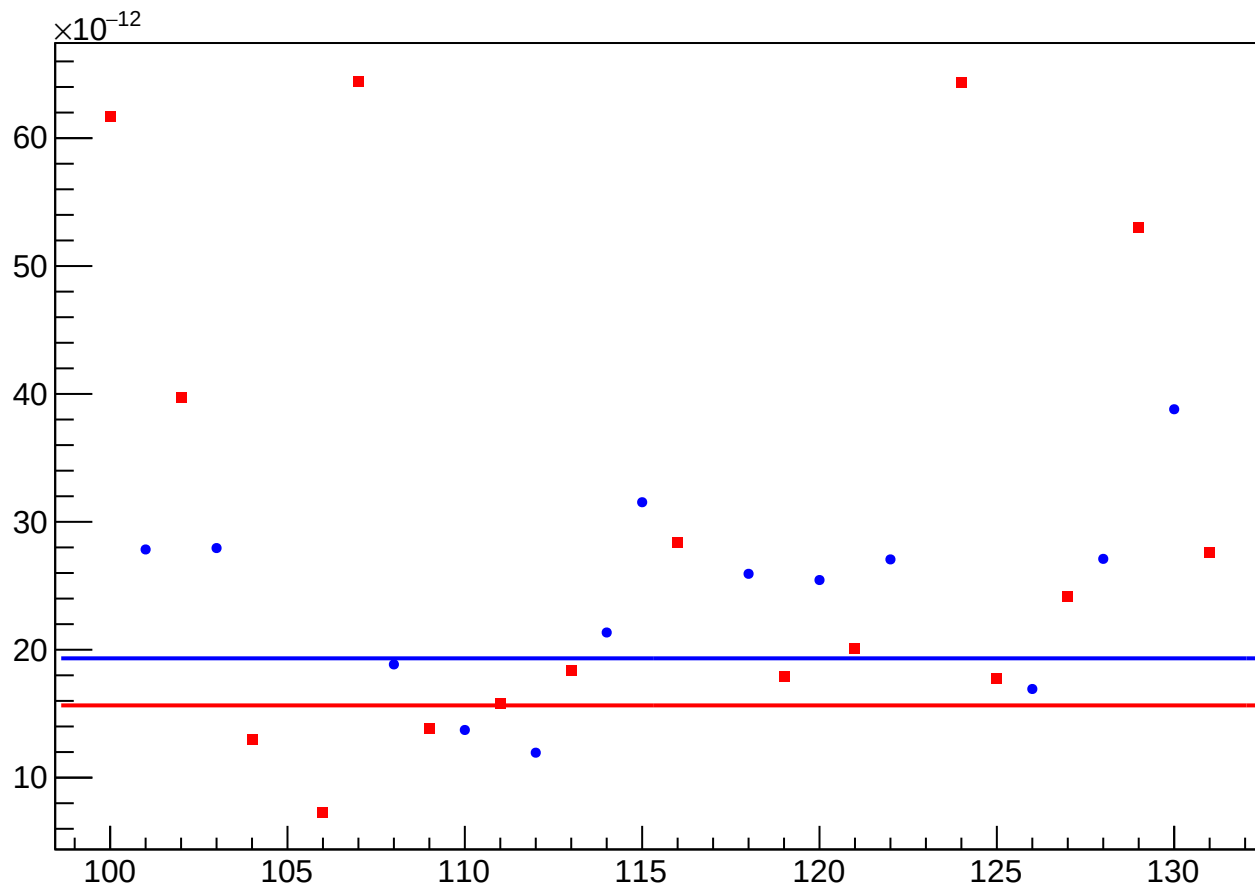
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 43.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 717687.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1650807.2/15

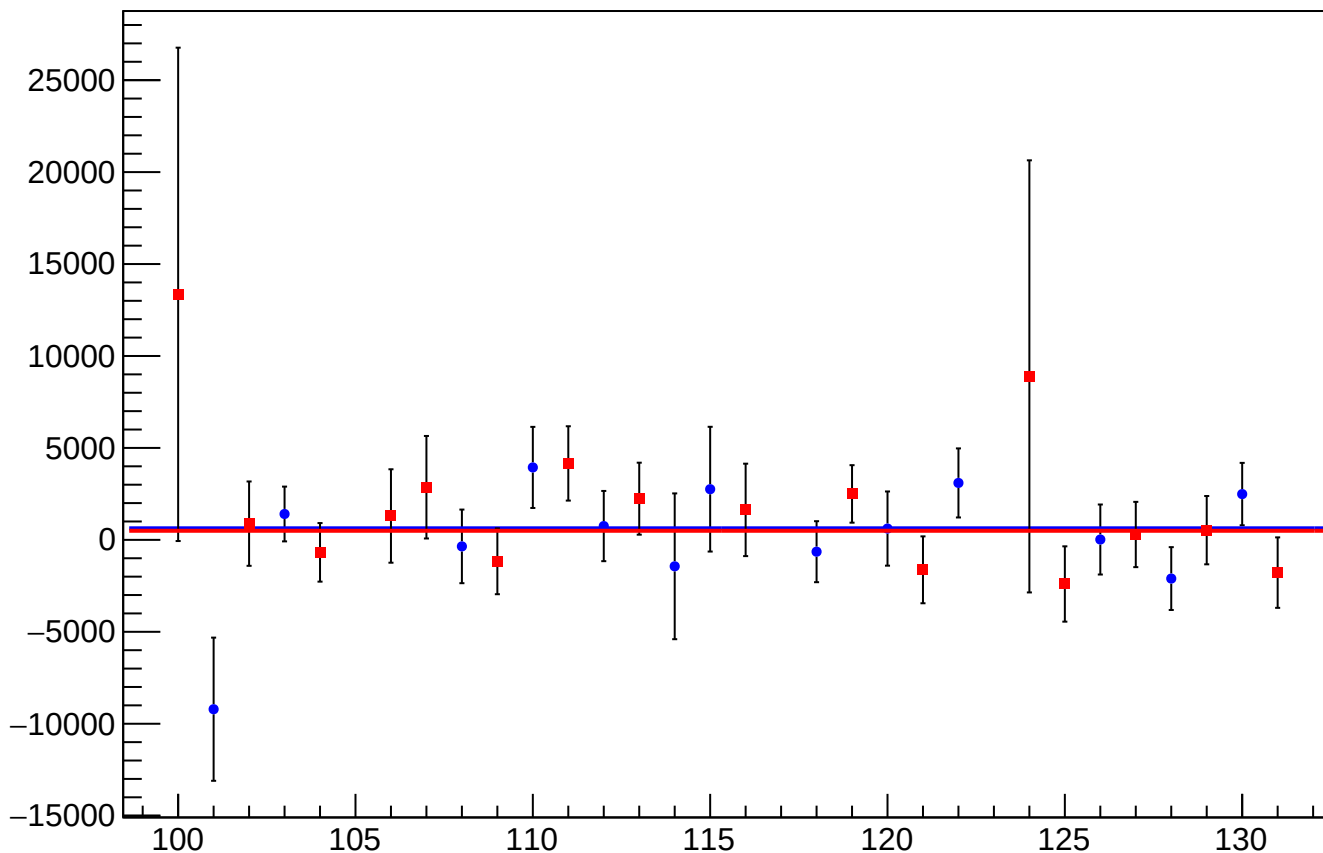
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2488375.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 628.500 $\pm$ 554.270 χ^2 /NDF: 16.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 494.663 $\pm$ 520.869 χ^2 /NDF: 14.4/15

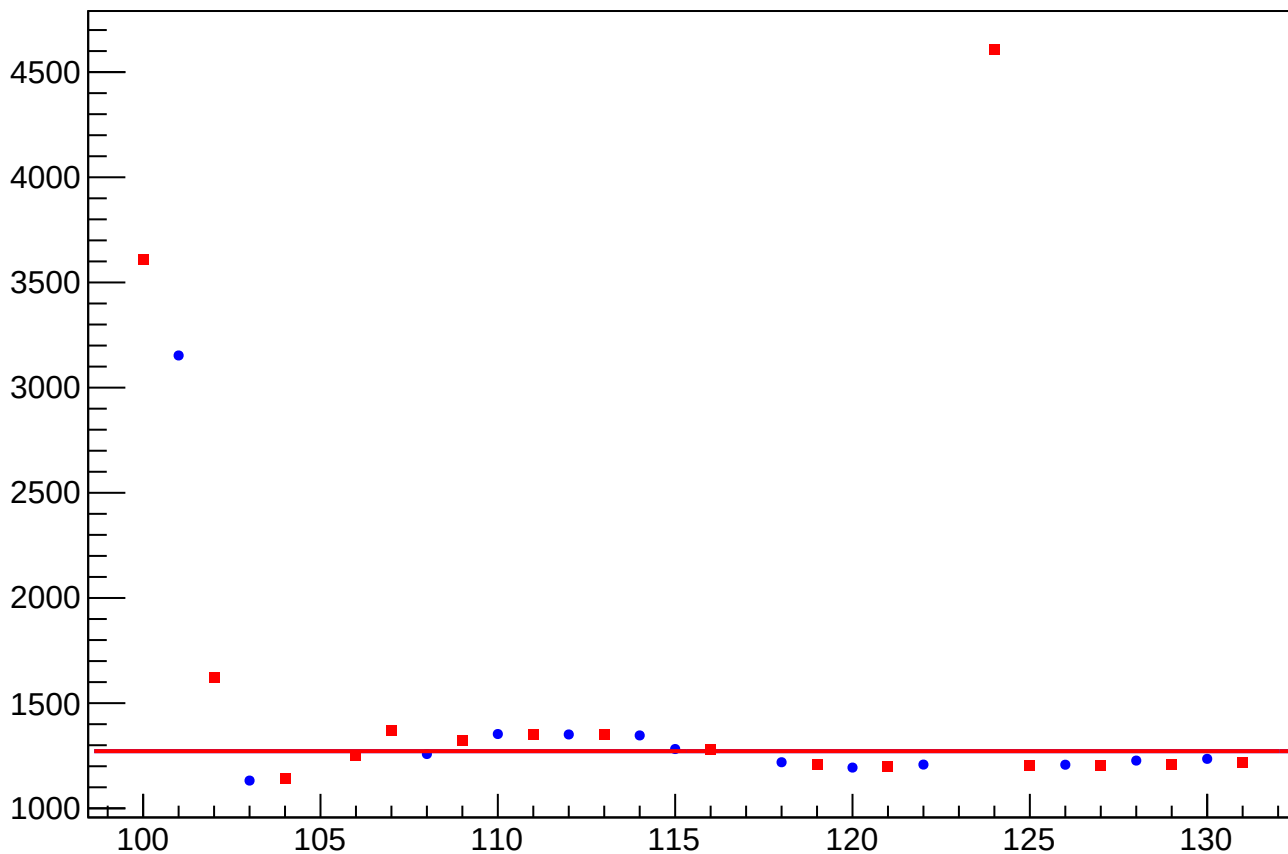
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 557.428 $\pm$ 379.569 χ^2 /NDF: 30.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1271.666+/-0.392 χ^2/NDF : 503495.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1271.745+/-0.368 χ^2/NDF : 309253.8/15

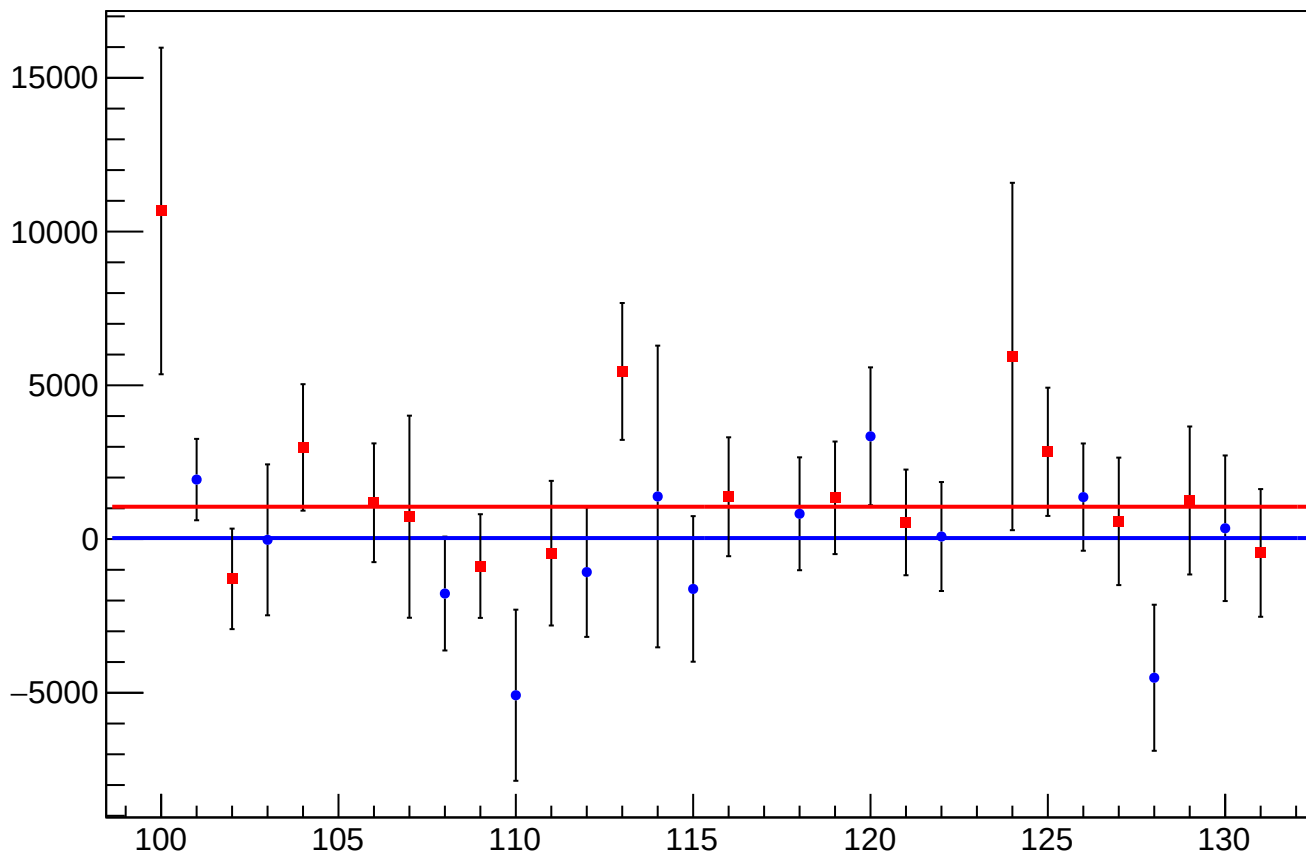
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1271.708+/-0.268 χ^2/NDF : 812748.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_reg_correction_mean vs Slug



Right In: 32.145 $\pm$ 567.884 χ^2 /NDF: 13.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1051.244 $\pm$ 531.156 χ^2 /NDF: 14.1/15

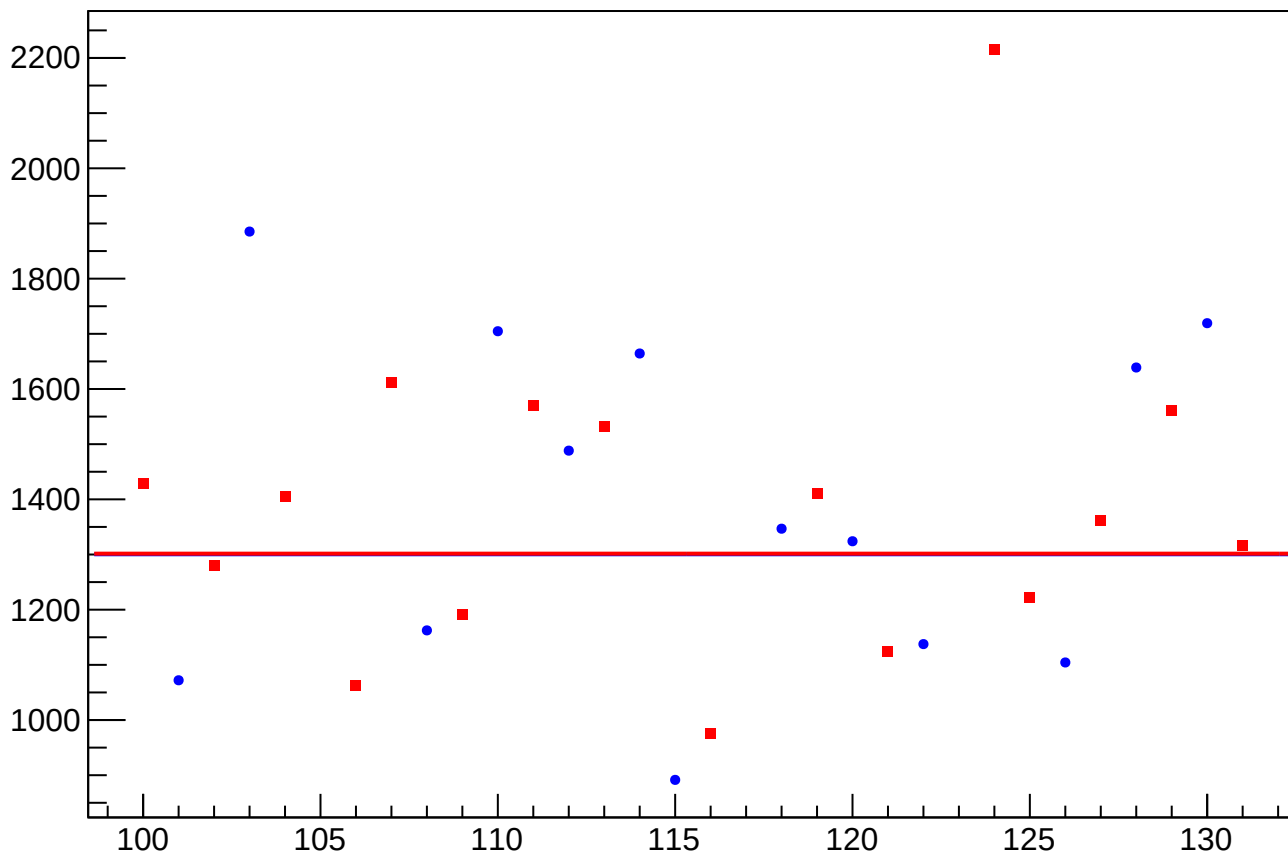
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 575.713 $\pm$ 387.919 χ^2 /NDF: 29.6/28

- 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: 1300.436 $\pm$ 0.402 χ^2 /NDF: 459847.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1301.555 $\pm$ 0.376 χ^2 /NDF: 276472.2/15

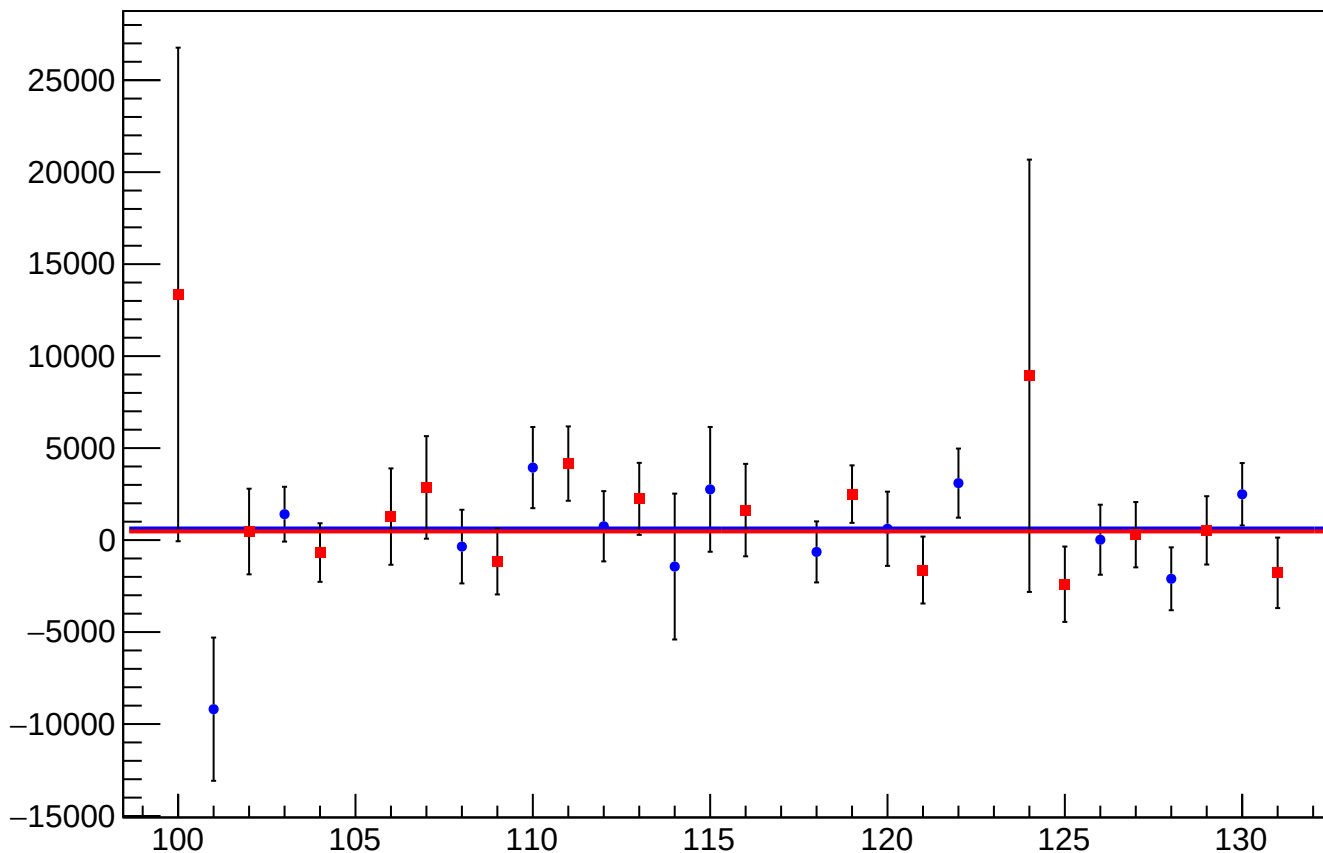
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1301.033 $\pm$ 0.274 χ^2 /NDF: 736324.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 628.870+/-554.270 χ^2/NDF : 16.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 470.494+/-521.911 χ^2/NDF : 14.4/15

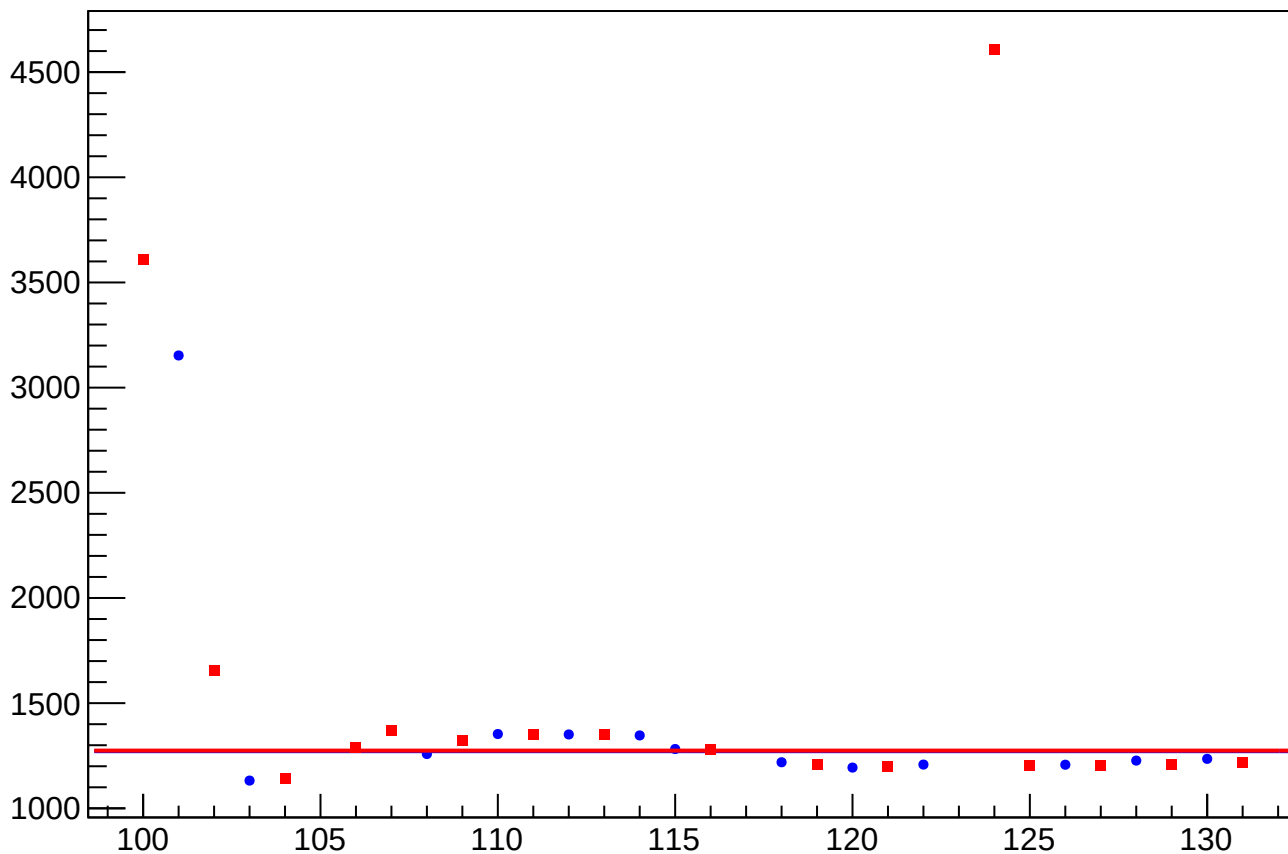
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 544.924+/-379.972 χ^2/NDF : 30.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1271.666+/-0.392 χ^2/NDF : 503496.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1274.394+/-0.369 χ^2/NDF : 316320.3/15

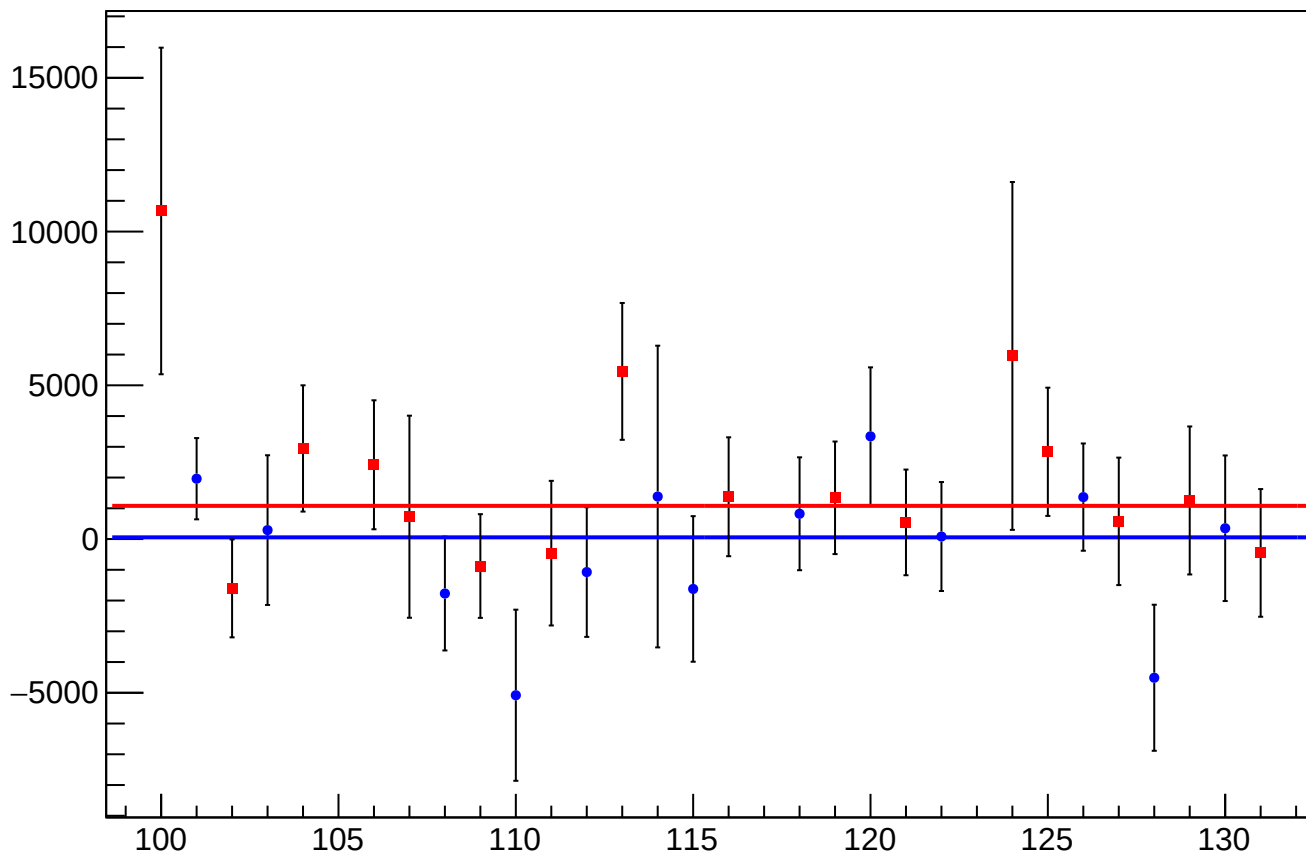
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1273.112+/-0.269 χ^2/NDF : 819842.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_cor_correction_mean vs Slug



Right In: 55.436 $\pm$ 567.466 χ^2 /NDF: 13.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1079.643 $\pm$ 532.664 χ^2 /NDF: 15.2/15

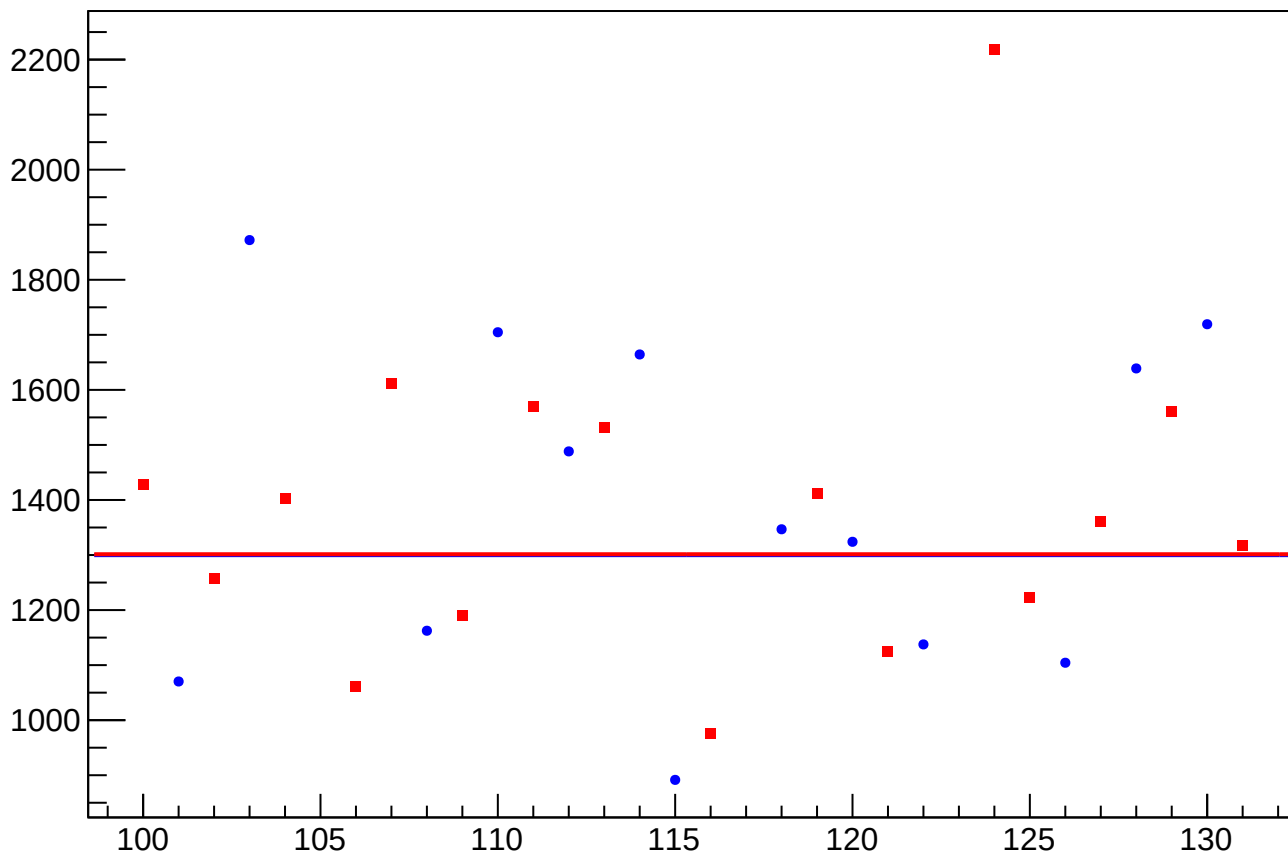
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 599.907 $\pm$ 388.371 χ^2 /NDF: 30.8/28

- 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: 1299.777 $\pm$ 0.401 χ^2 /NDF: 457702.3/12

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

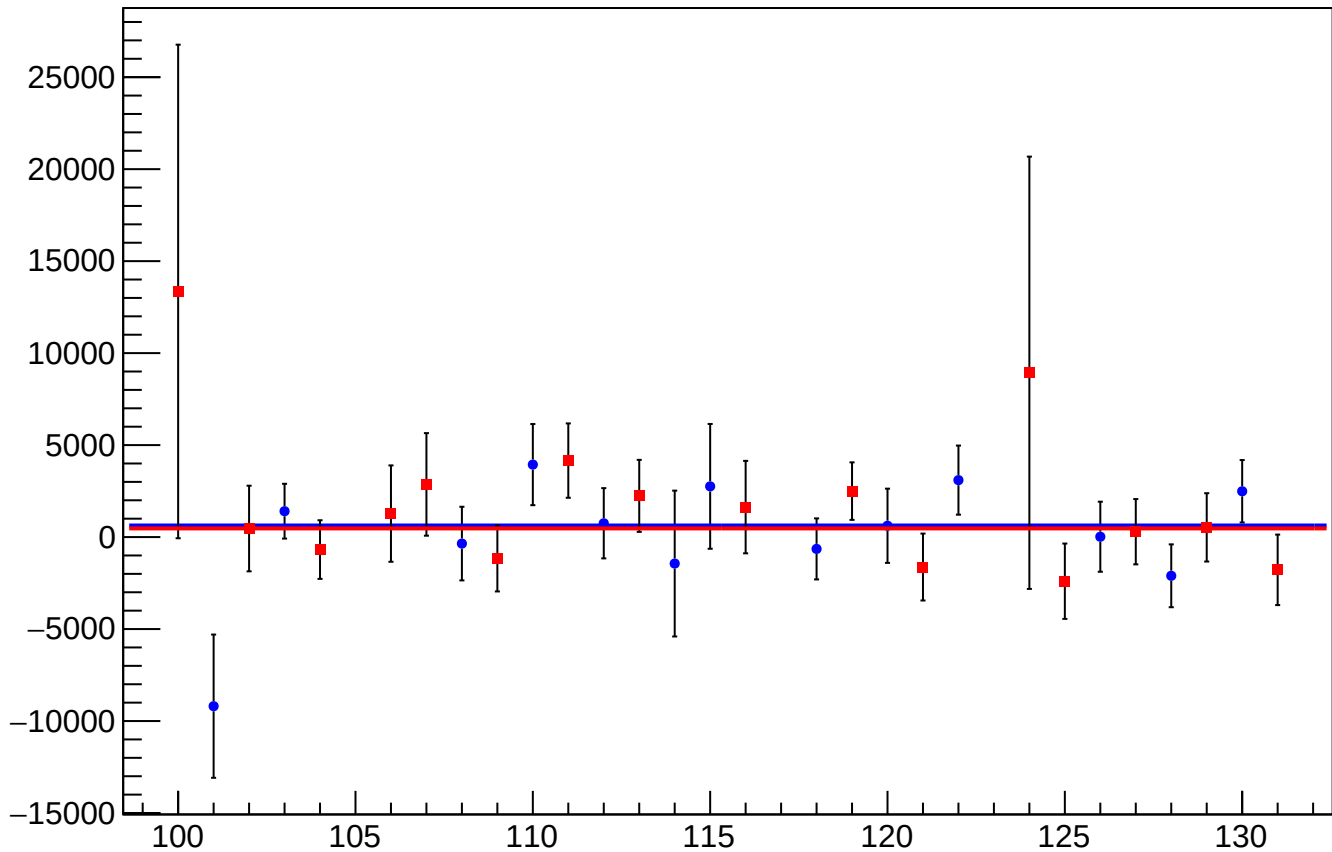
Right Out: 1301.447 $\pm$ 0.377 χ^2 /NDF: 273594.1/15

All: 1300.664 $\pm$ 0.275 χ^2 /NDF: 731305.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 628.870+/-554.270 χ^2/NDF : 16.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 470.494+/-521.911 χ^2/NDF : 14.4/15

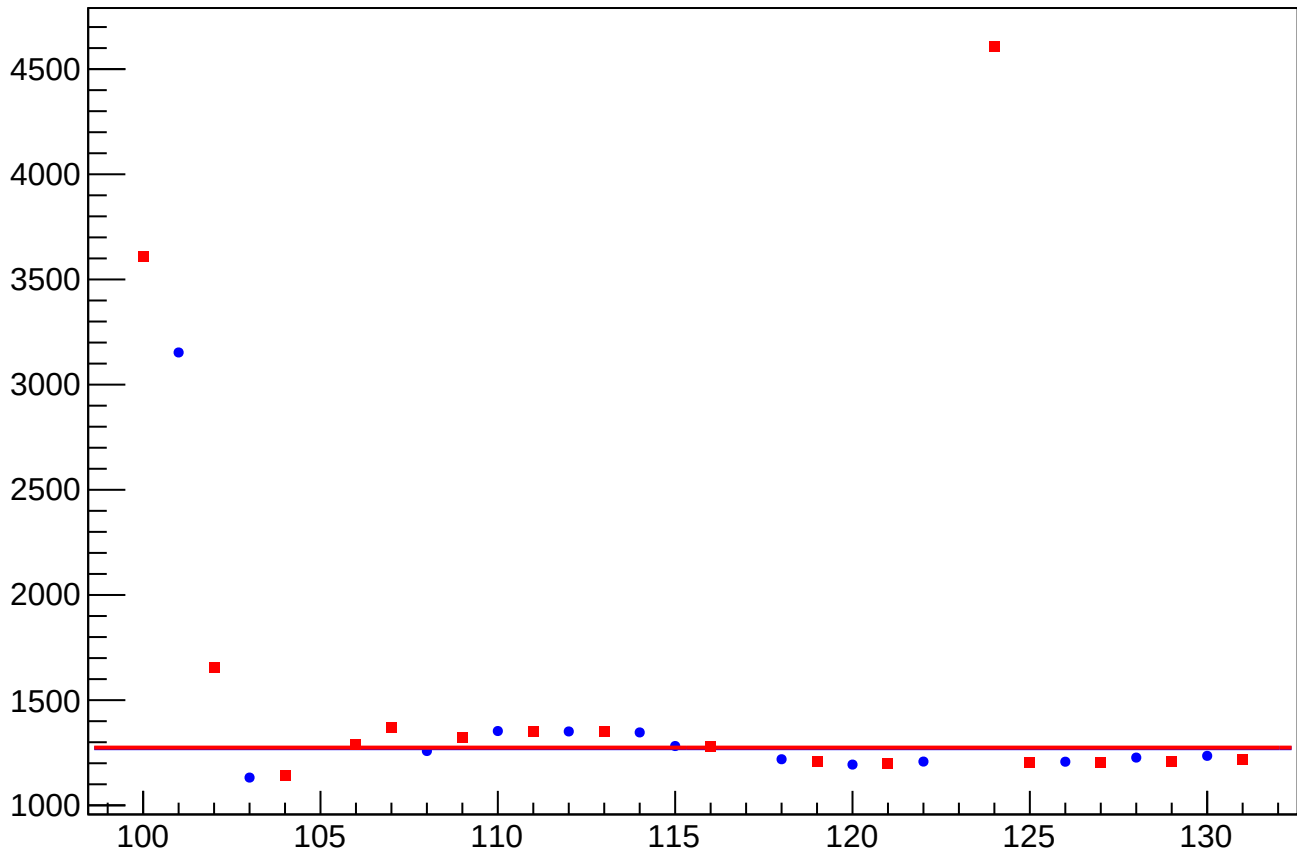
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 544.924+/-379.972 χ^2/NDF : 30.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1271.666+/-0.392 χ^2/NDF : 503496.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

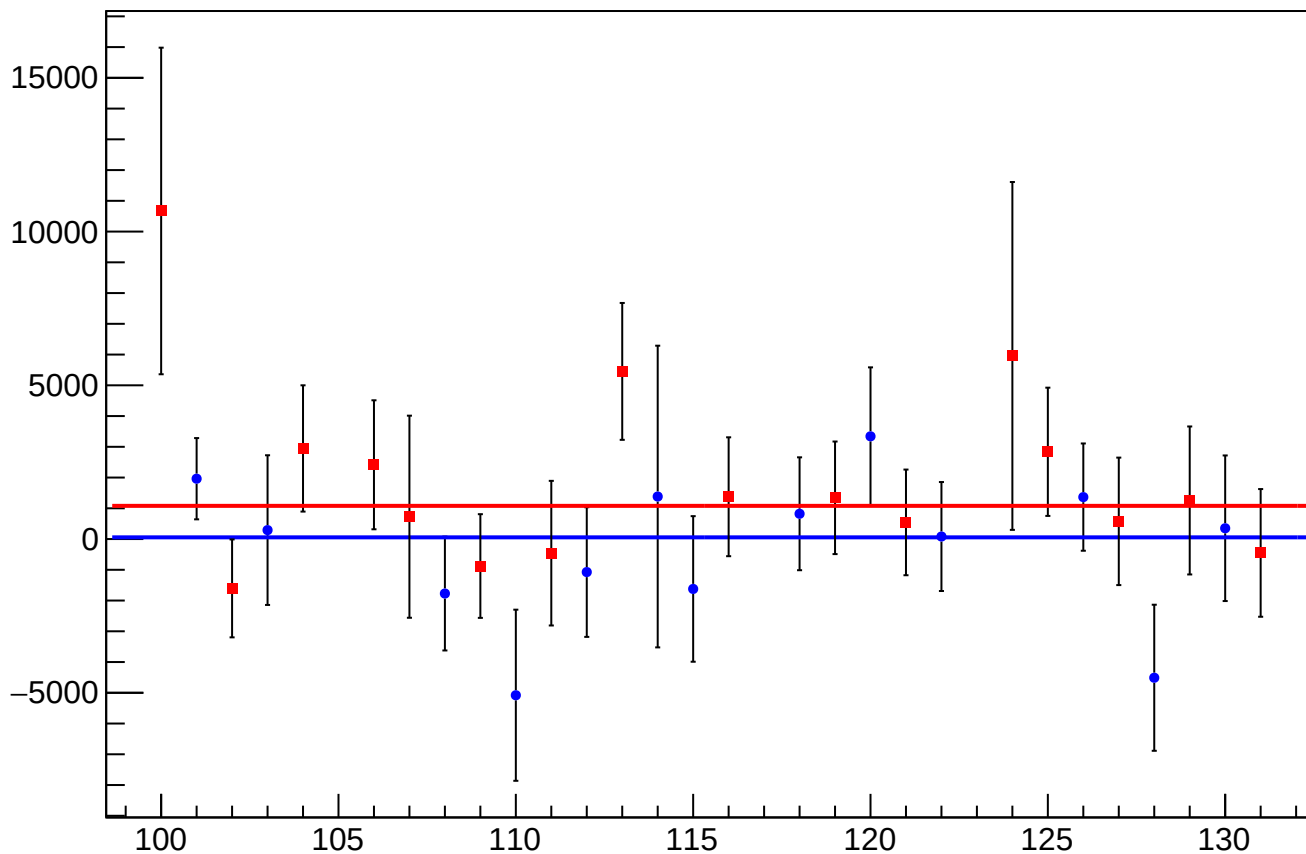
Right Out: 1274.394+/-0.369 χ^2/NDF : 316320.3/15

All: 1273.112+/-0.269 χ^2/NDF : 819842.5/28

- 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: 55.436+/-567.466 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1079.643+/-532.664 χ^2/NDF : 15.2/15

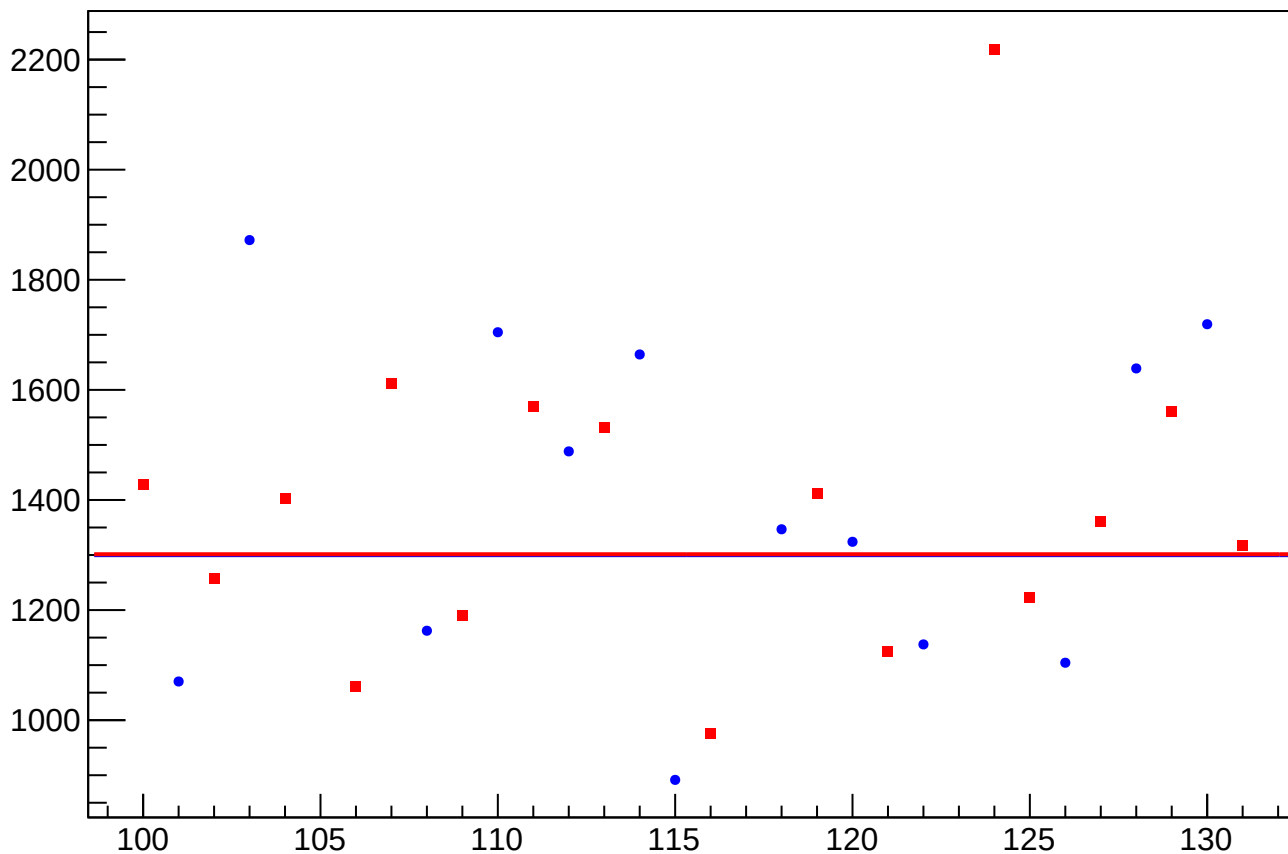
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 599.907+/-388.371 χ^2/NDF : 30.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_cor_correction_rms vs Slug



Right In: 1299.777 $\pm$ 0.401 χ^2 /NDF: 457702.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1301.447 $\pm$ 0.377 χ^2 /NDF: 273594.1/15

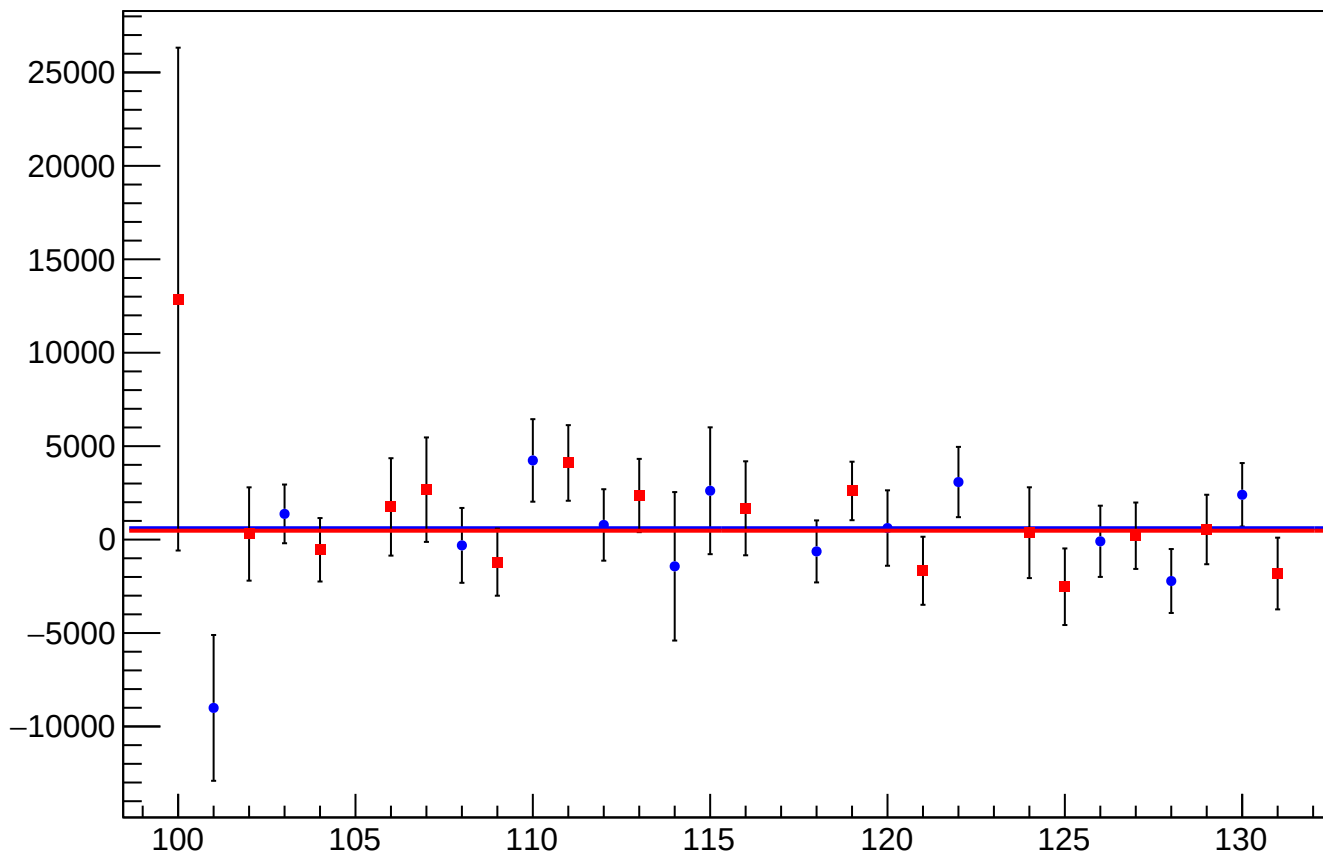
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1300.664 $\pm$ 0.275 χ^2 /NDF: 731305.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 608.286+/-558.725 χ^2/NDF : 16.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 475.744+/-515.990 χ^2/NDF : 14.1/15

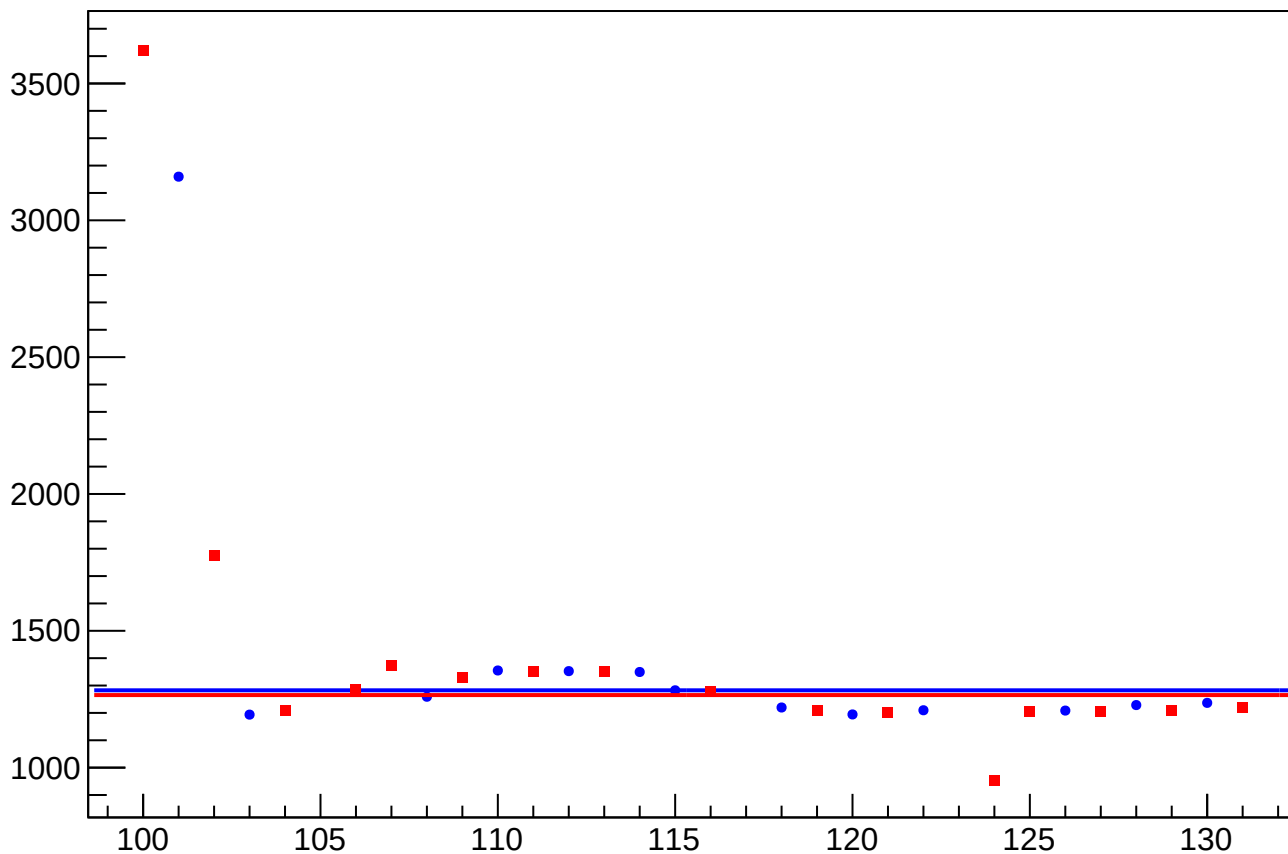
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 536.753+/-379.069 χ^2/NDF : 30.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1282.584+/-0.395 χ^2/NDF : 491127.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

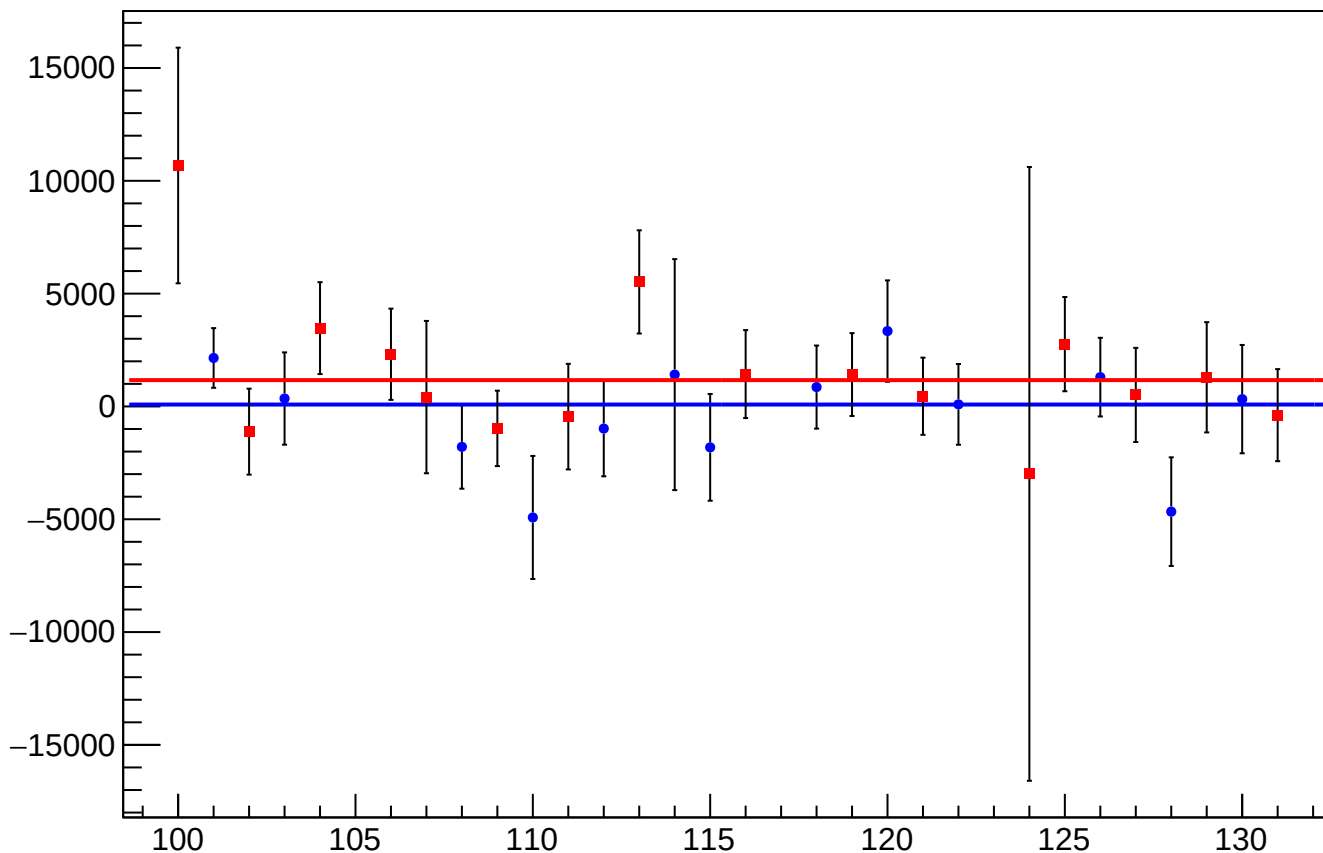
Right Out: 1265.165+/-0.365 χ^2/NDF : 205753.7/15

All: 1273.183+/-0.268 χ^2/NDF : 697930.4/28

- 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_dit_correction_mean vs Slug



Right In: 83.785+/-562.839 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1166.315+/-543.024 χ^2/NDF : 13.7/15

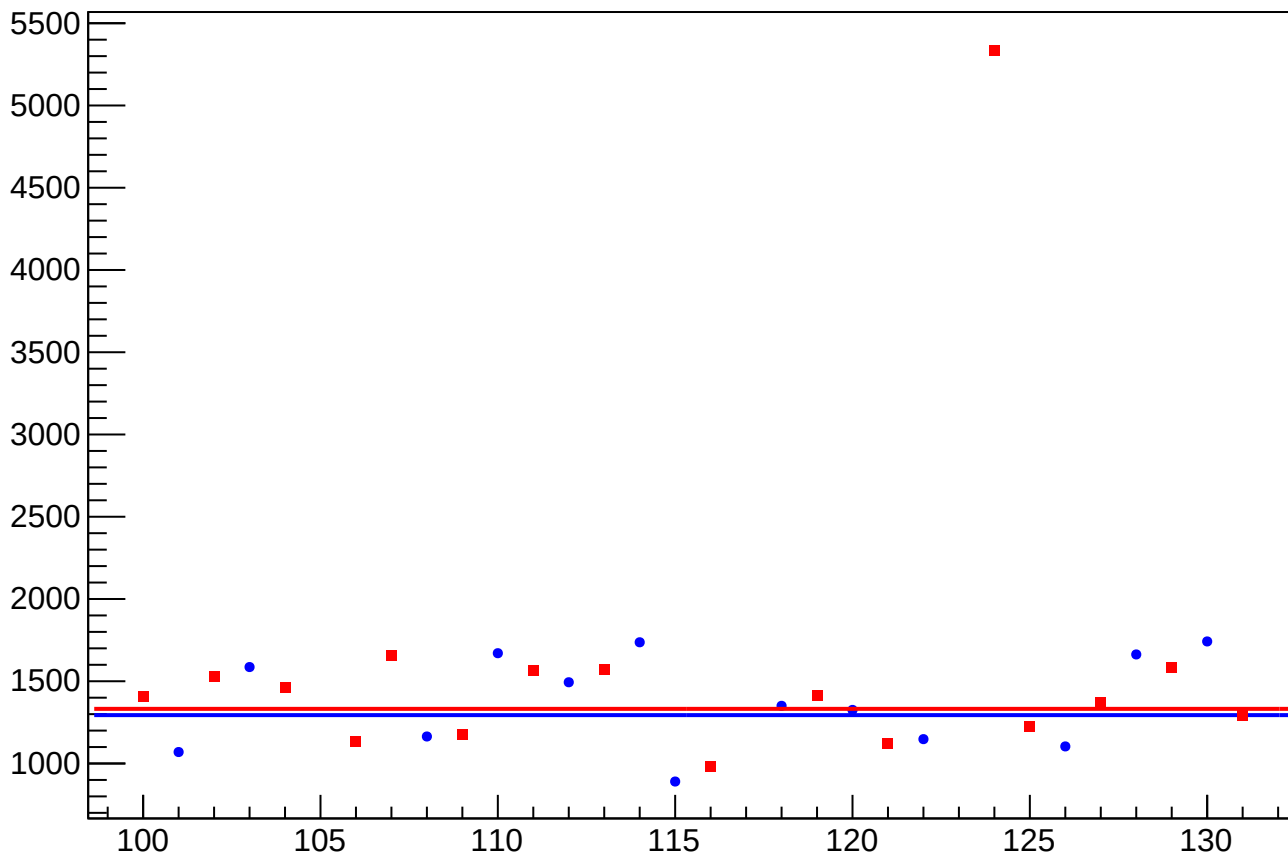
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 644.441+/-390.793 χ^2/NDF : 30.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_dit_correction_rms vs Slug



Right In: 1294.052+/-0.398 χ^2/NDF : 393296.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

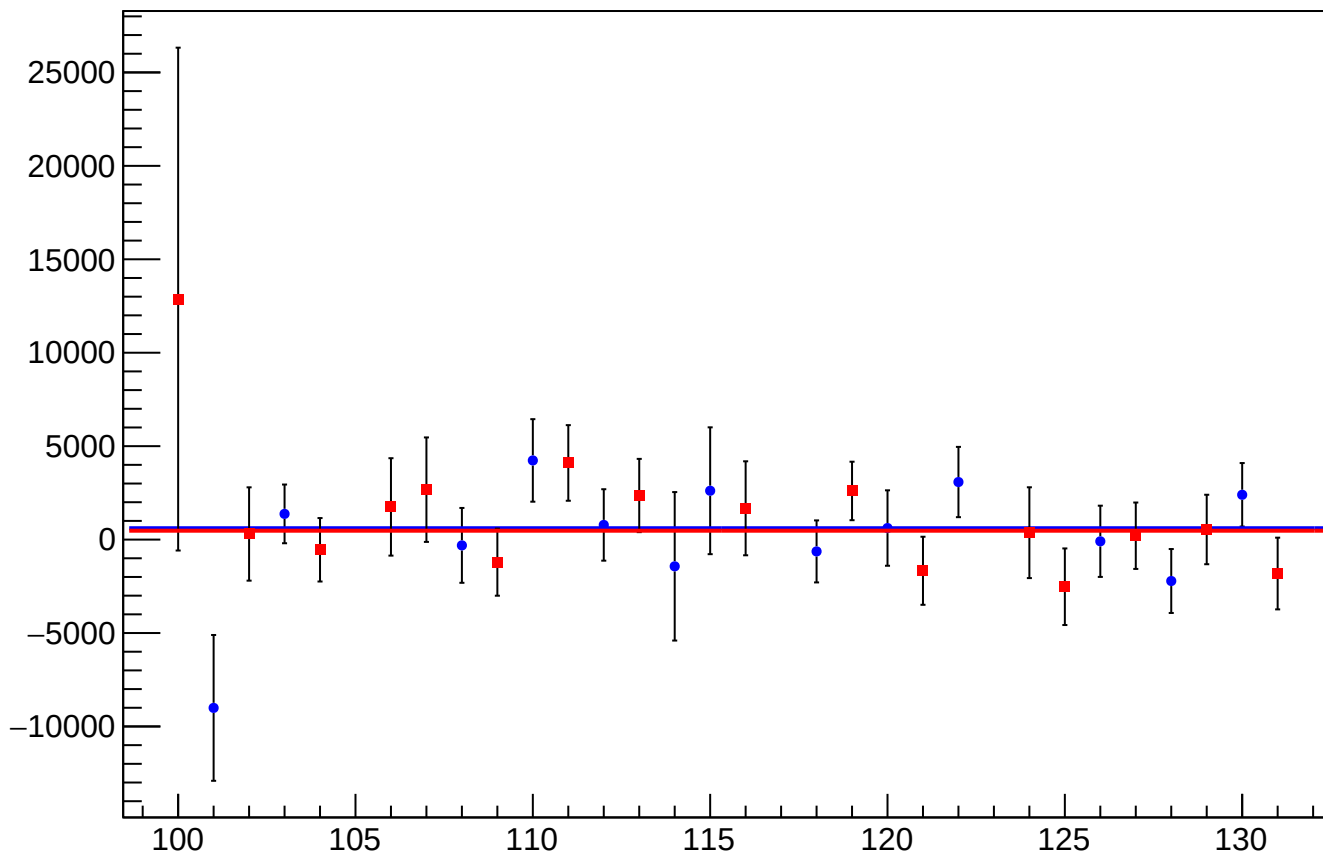
Right Out: 1332.194+/-0.384 χ^2/NDF : 427727.2/15

All: 1313.806+/-0.276 χ^2/NDF : 825780.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 608.284+/-558.725 χ^2/NDF : 16.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 475.744+/-515.990 χ^2/NDF : 14.1/15

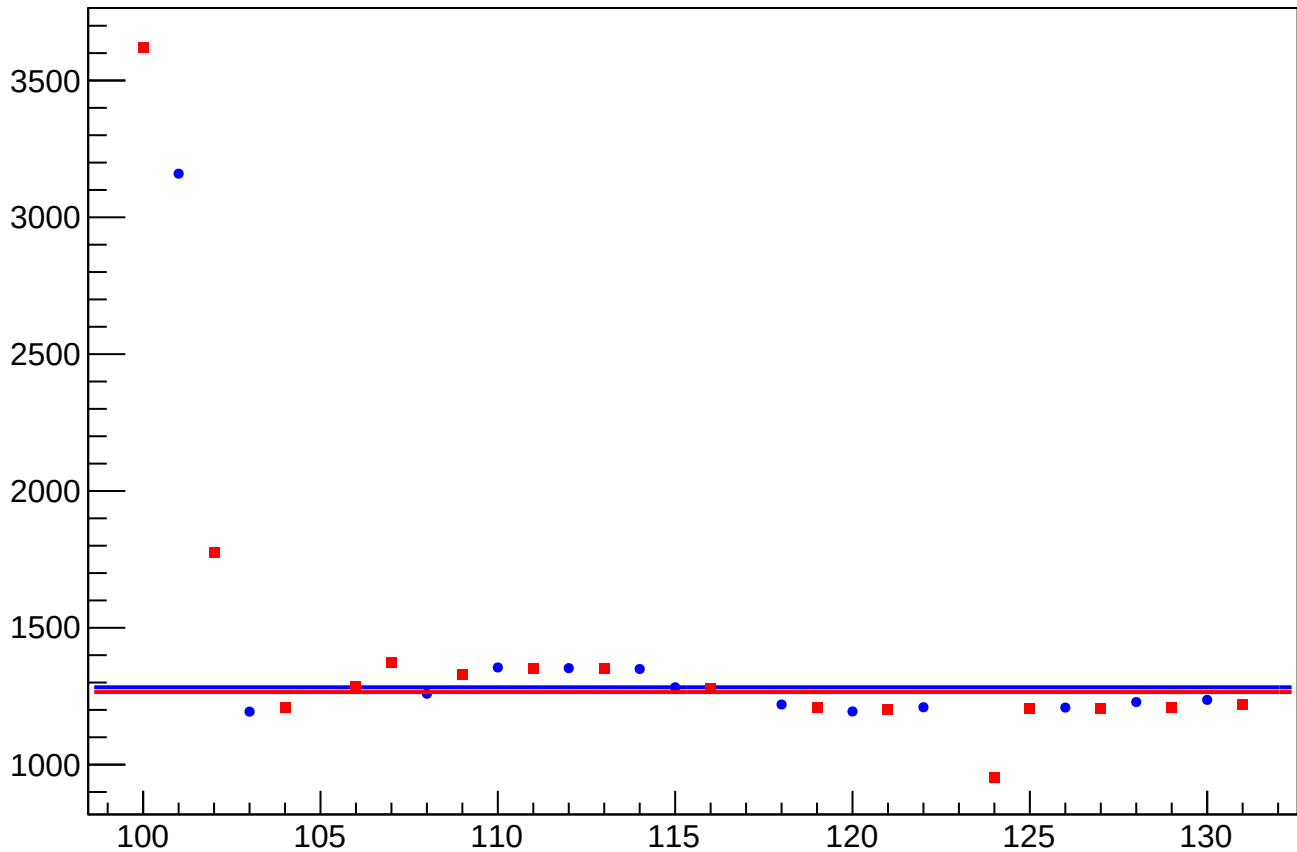
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 536.752+/-379.069 χ^2/NDF : 30.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1282.584 $\pm$ 0.395 χ^2 /NDF: 491127.8/12

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

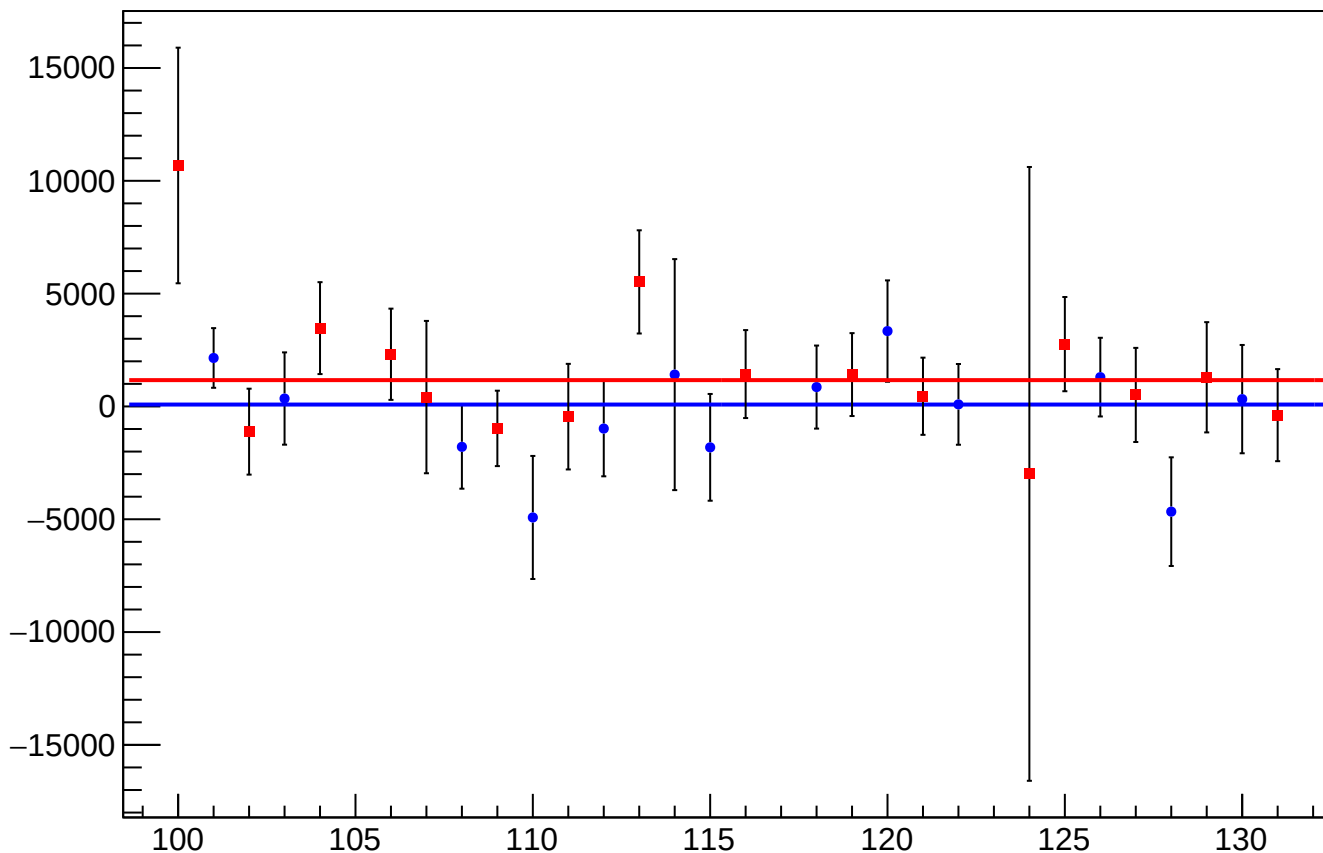
Right Out: 1265.165 $\pm$ 0.365 χ^2 /NDF: 205753.5/15

All: 1273.183 $\pm$ 0.268 χ^2 /NDF: 697930.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_correction_mean vs Slug



Right In: 83.784 $\pm$ 562.837 χ^2 /NDF: 14.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1166.315 $\pm$ 543.023 χ^2 /NDF: 13.7/15

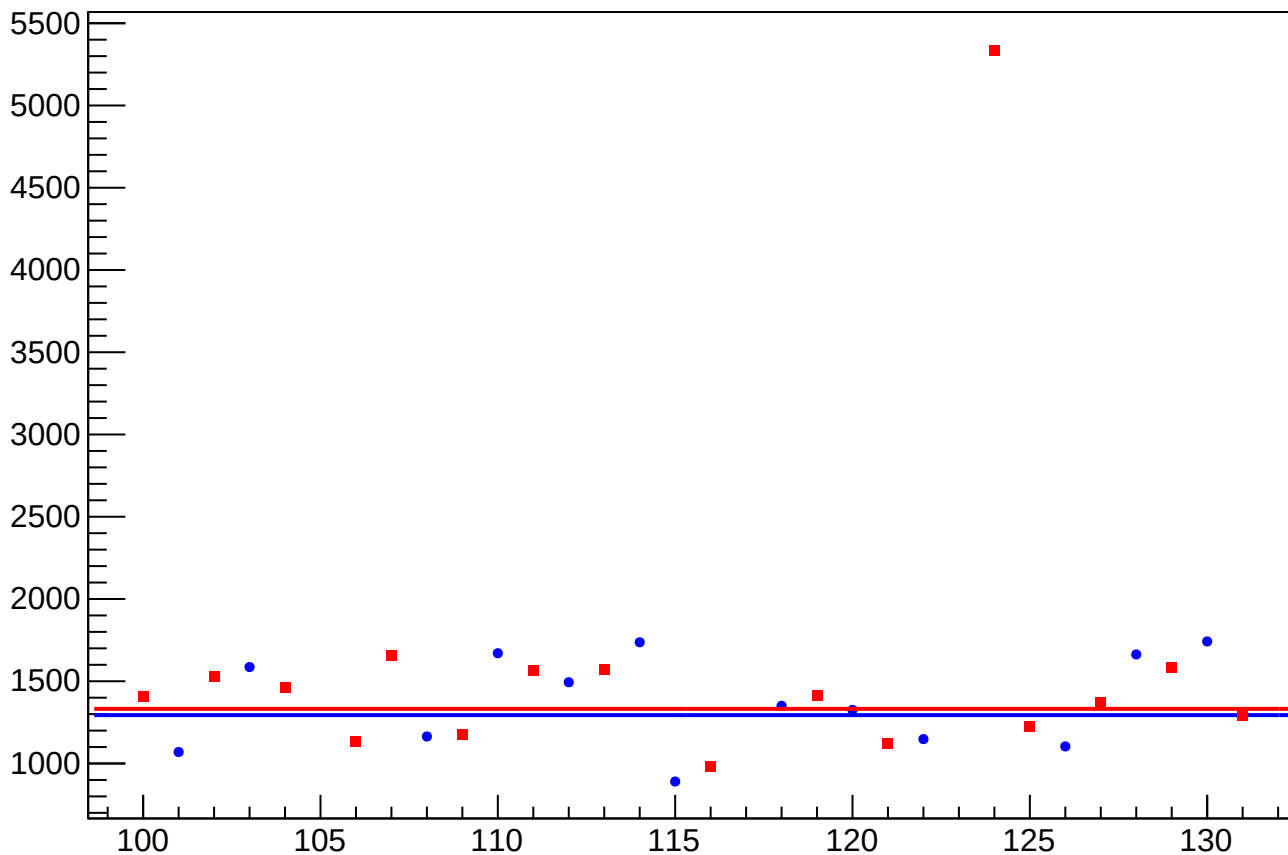
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 644.439 $\pm$ 390.793 χ^2 /NDF: 30.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_correction_rms vs Slug



Right In: 1294.048+/-0.398 χ^2/NDF : 393300.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

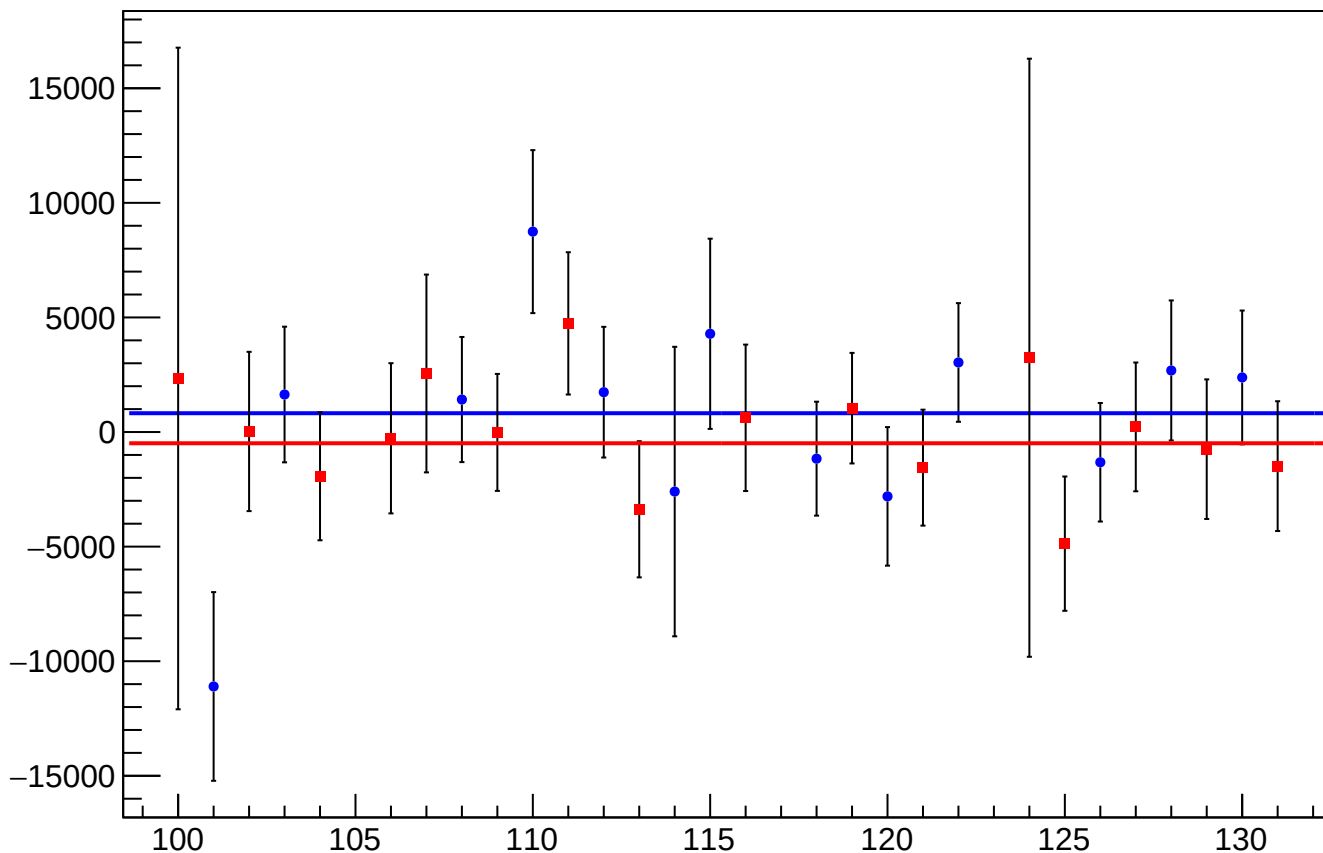
Right Out: 1332.193+/-0.384 χ^2/NDF : 427727.5/15

All: 1313.804+/-0.276 χ^2/NDF : 825785.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 821.030 $\pm$ 849.097 χ^2 /NDF: 18.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -490.136 $\pm$ 780.642 χ^2 /NDF: 7.9/15

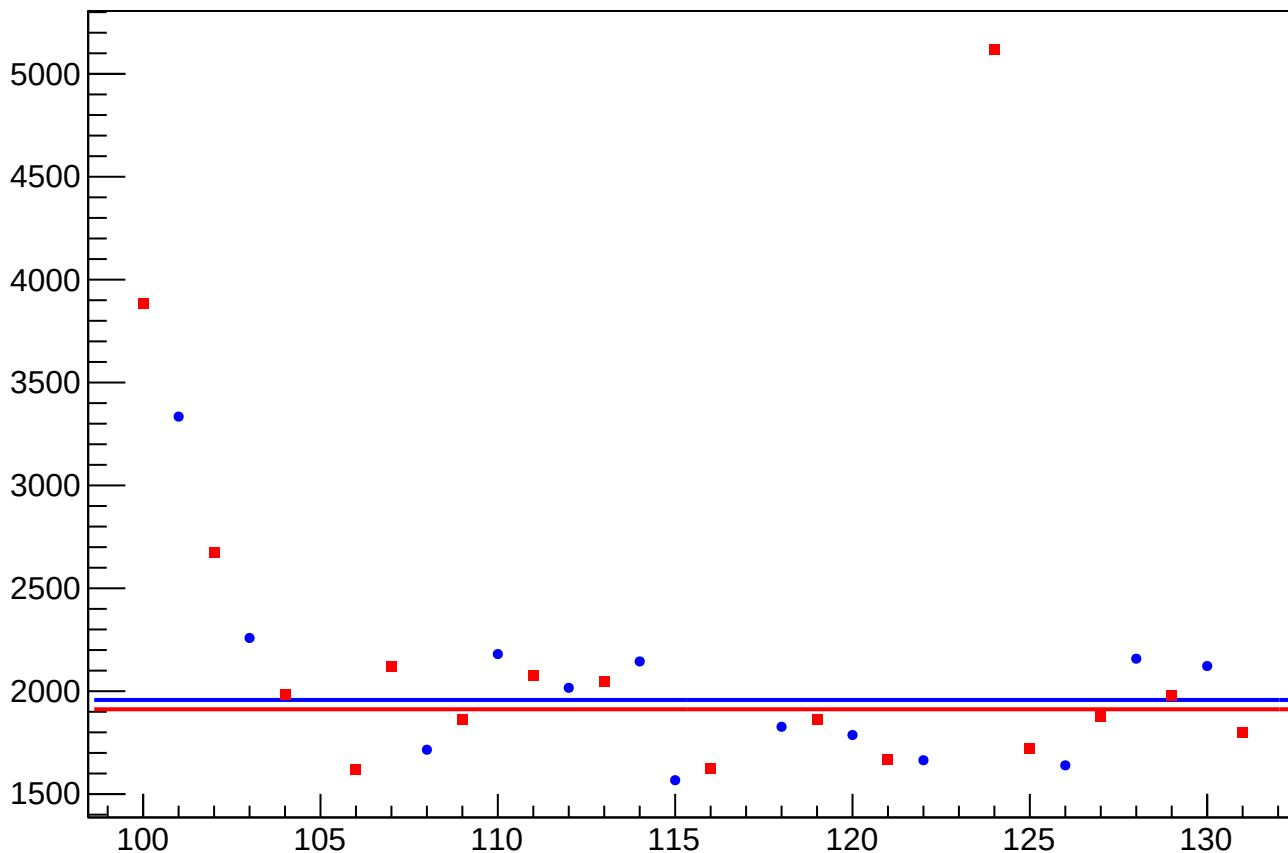
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 110.470 $\pm$ 574.676 χ^2 /NDF: 27.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1957.486+/-0.600 χ^2/NDF : 371007.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1912.089+/-0.552 χ^2/NDF : 335714.8/15

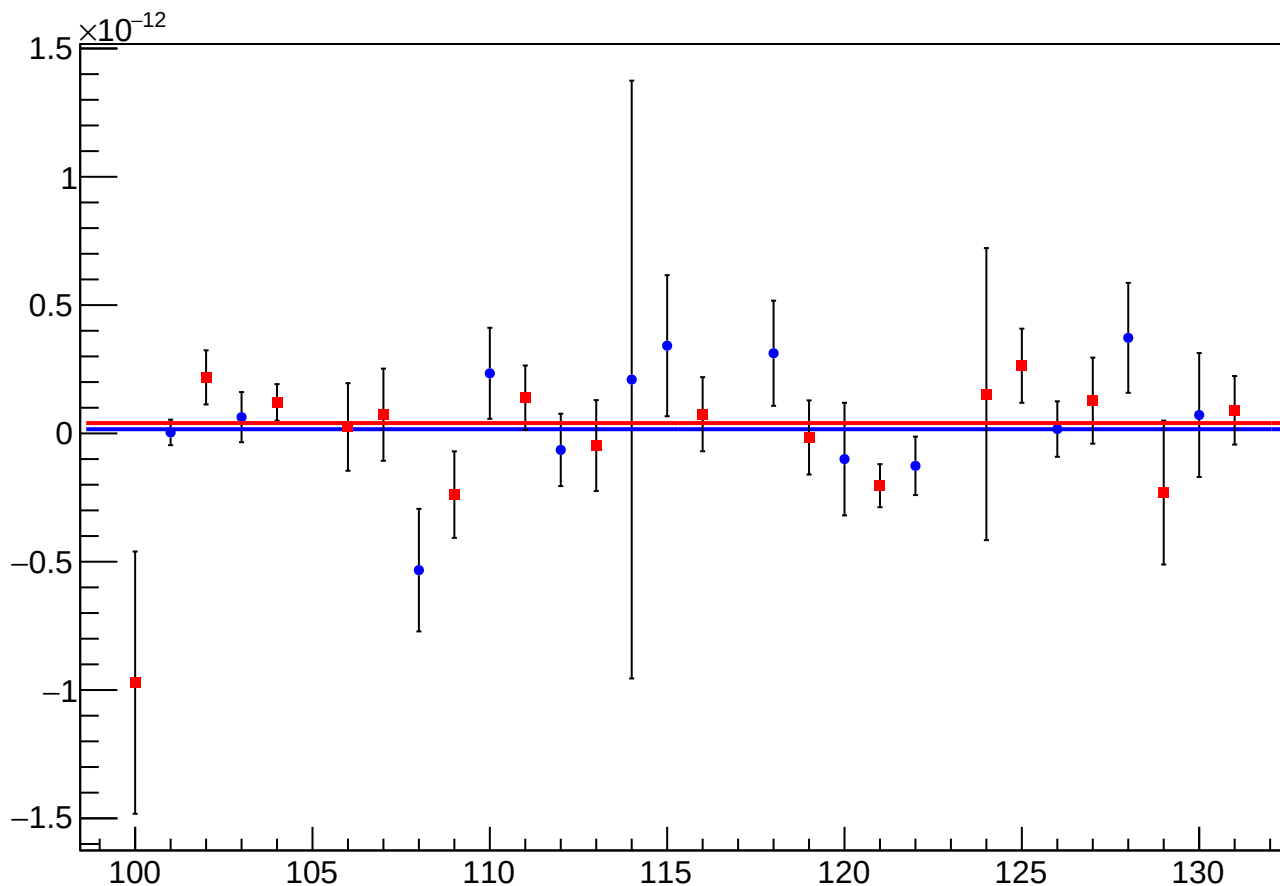
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1932.884+/-0.406 χ^2/NDF : 709820.4/28

- 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: 15.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 24.1/15

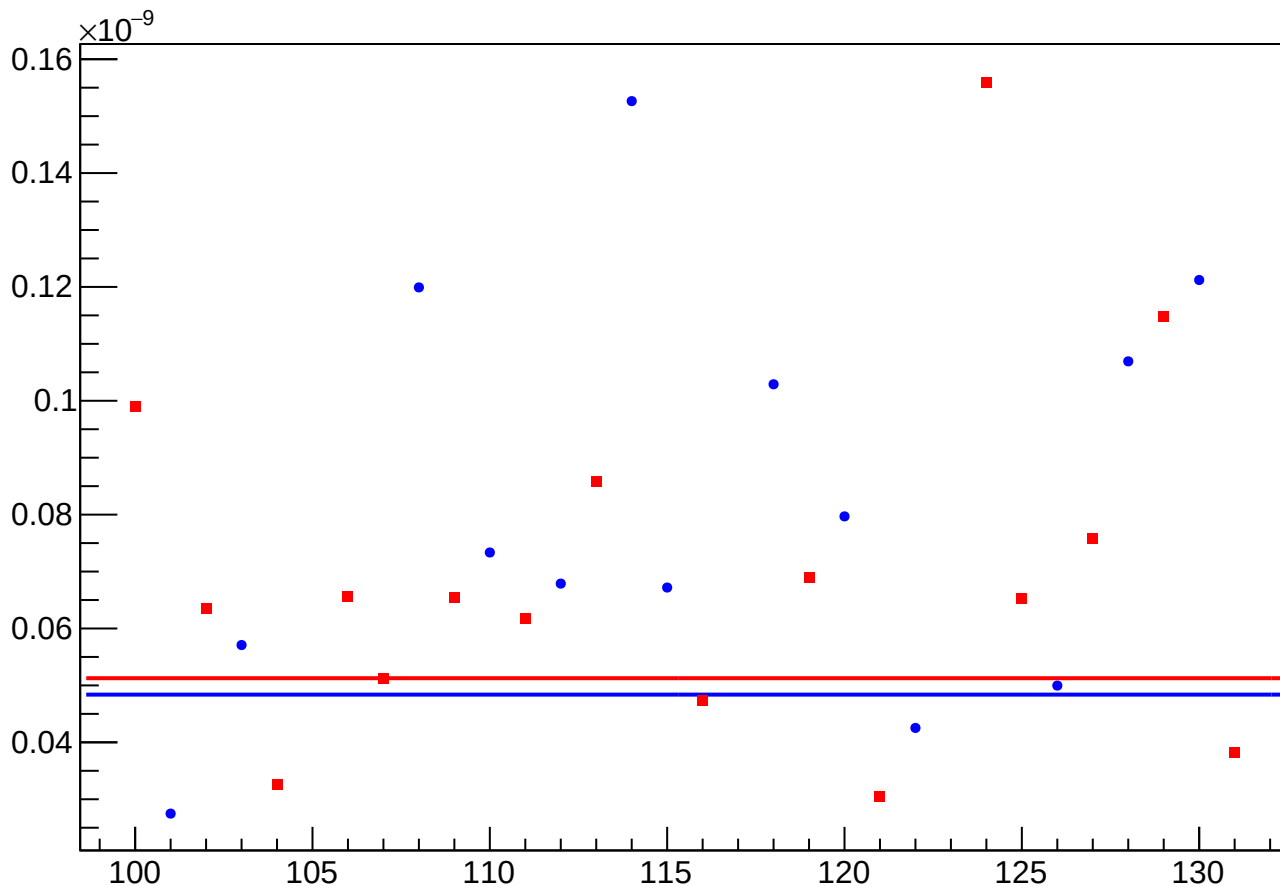
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 40.0/28

- 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 : 1170268.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 704491.5/15

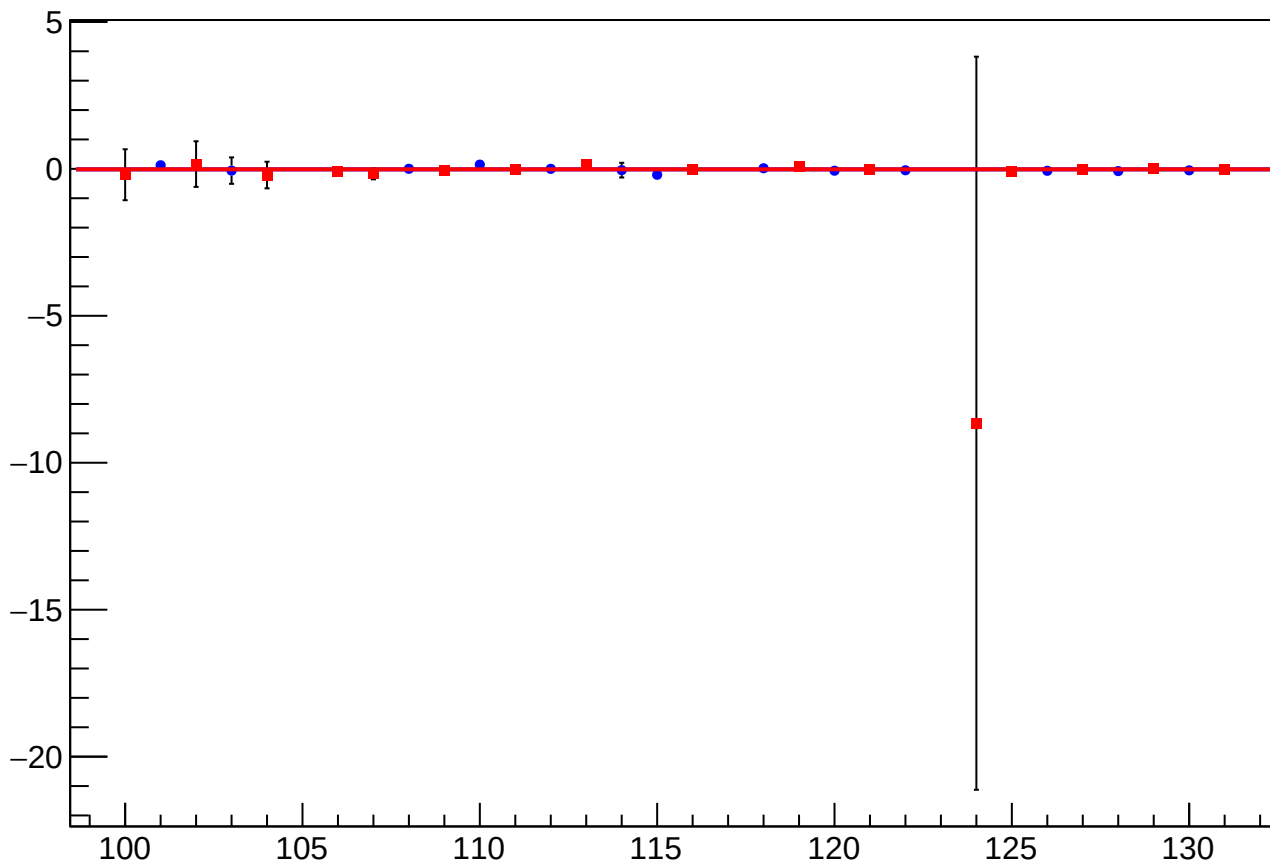
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1882023.0/28

- 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: -0.019+/-0.020 χ^2 /NDF: 12.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.017+/-0.020 χ^2 /NDF: 11.0/15

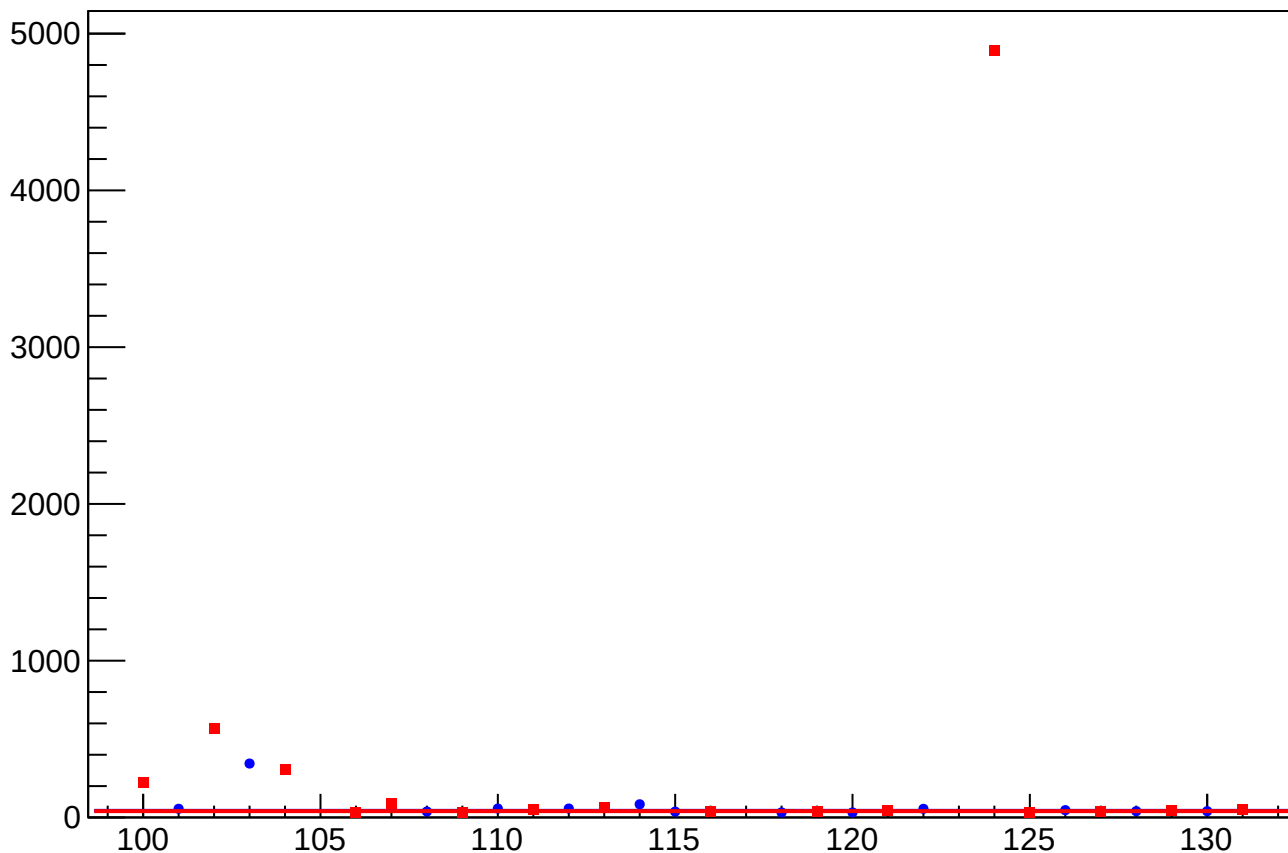
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.018+/-0.014 χ^2 /NDF: 23.6/28

- 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: 42.102+/-0.014 χ^2/NDF : 1354145.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.336+/-0.014 χ^2/NDF : 2449069.9/15

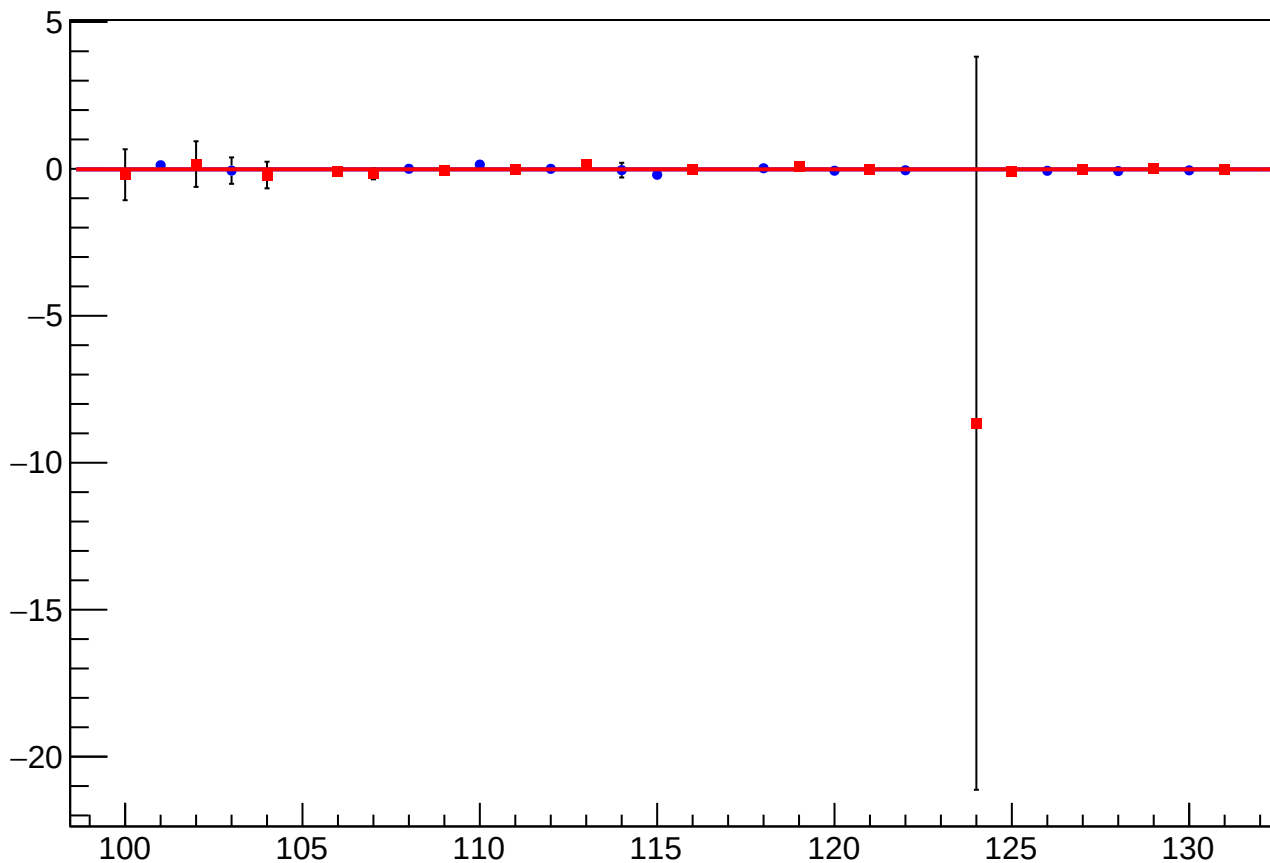
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.184+/-0.010 χ^2/NDF : 3811009.5/28

- 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: -0.019+/-0.020 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.017+/-0.020 χ^2/NDF : 11.0/15

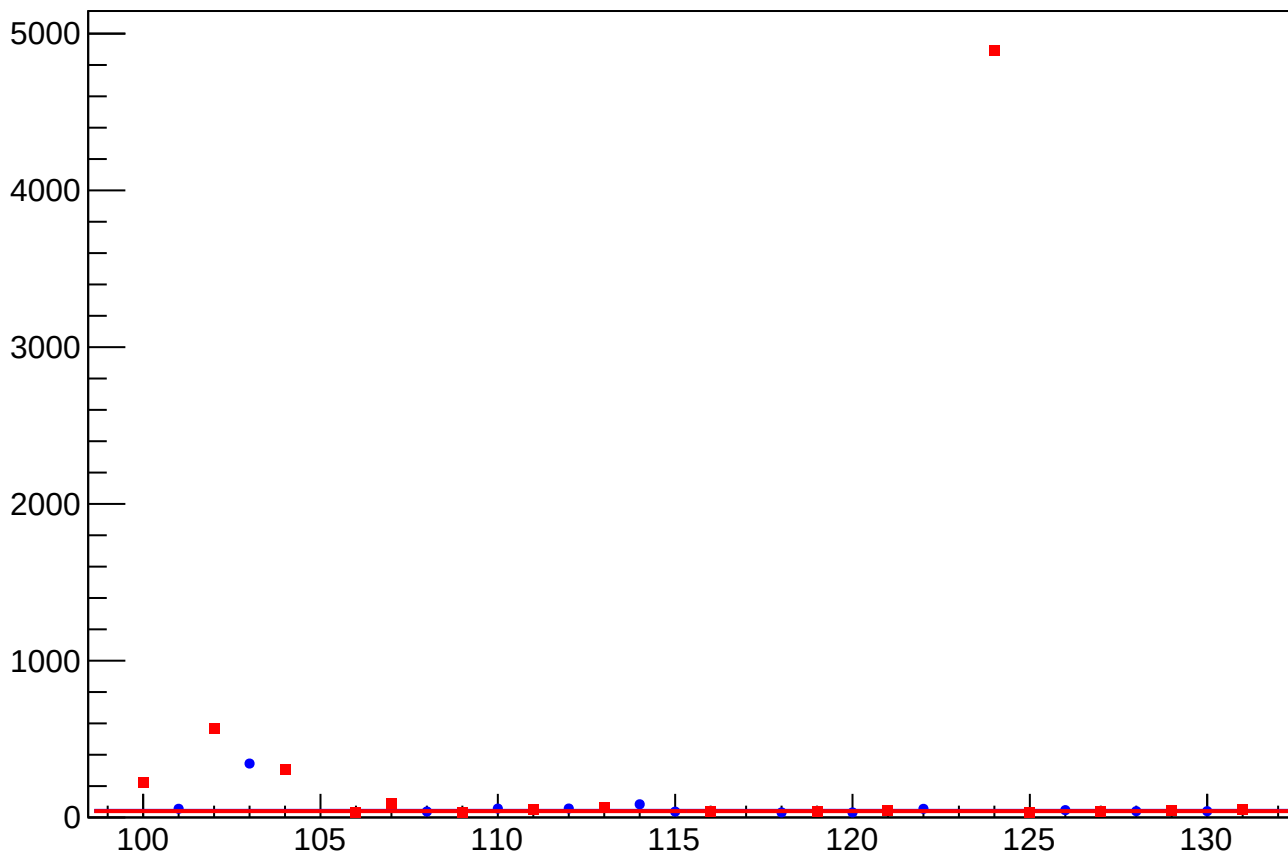
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.014 χ^2/NDF : 23.6/28

- 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: 42.102 $\pm$ 0.014 χ^2 /NDF: 1354145.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 40.336 $\pm$ 0.014 χ^2 /NDF: 2449069.9/15

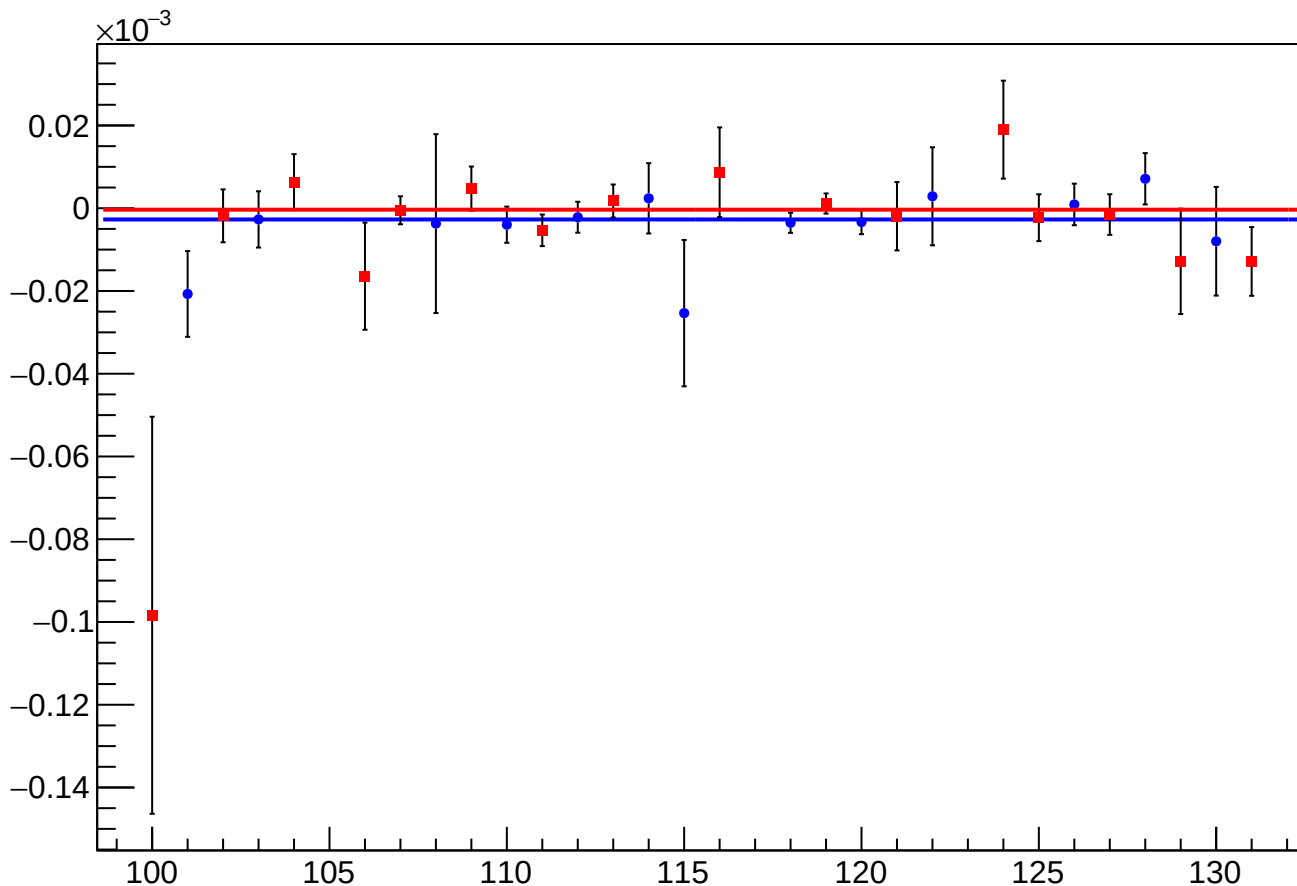
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 41.184 $\pm$ 0.010 χ^2 /NDF: 3811009.5/28

- 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: 8.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 16.8/15

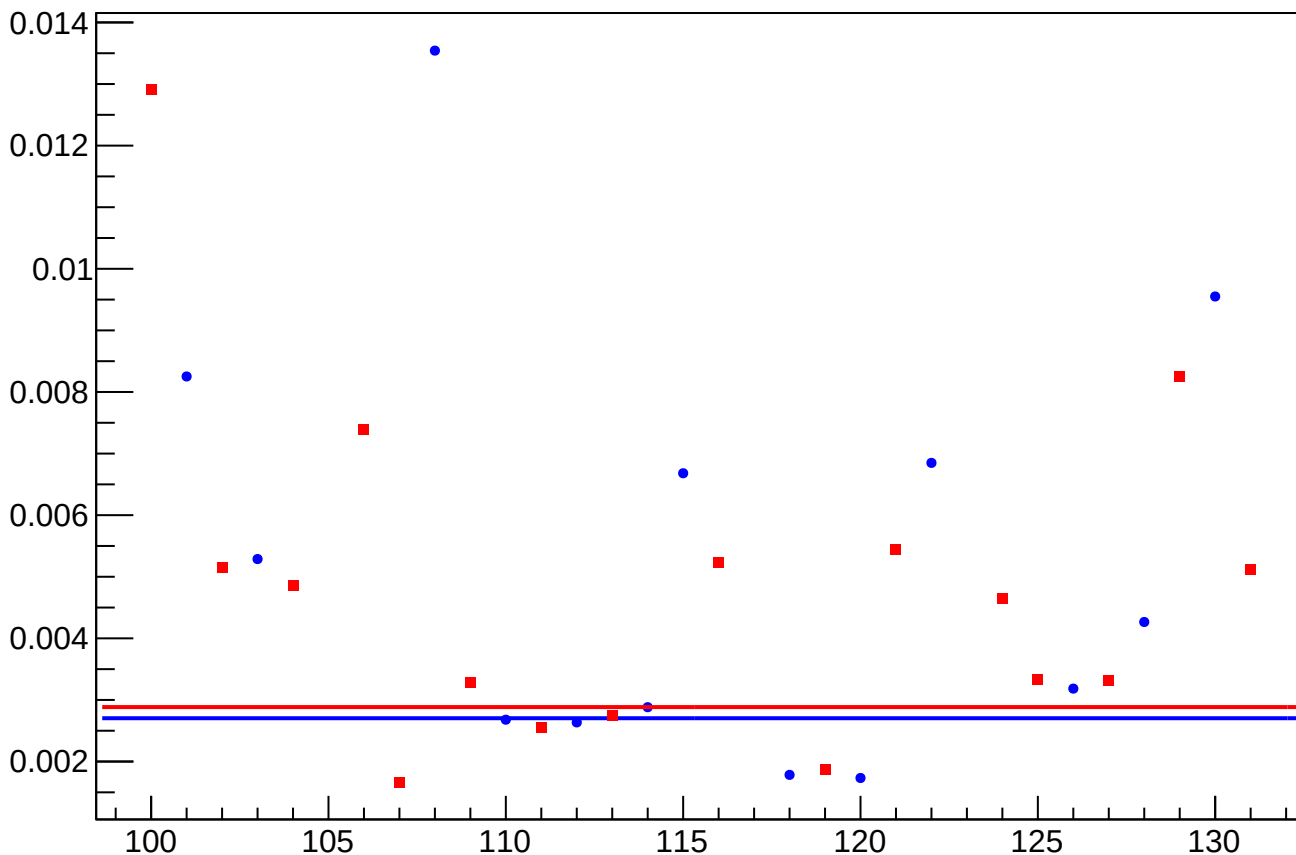
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 27.1/28

- 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 : 2907921.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2249298.3/15

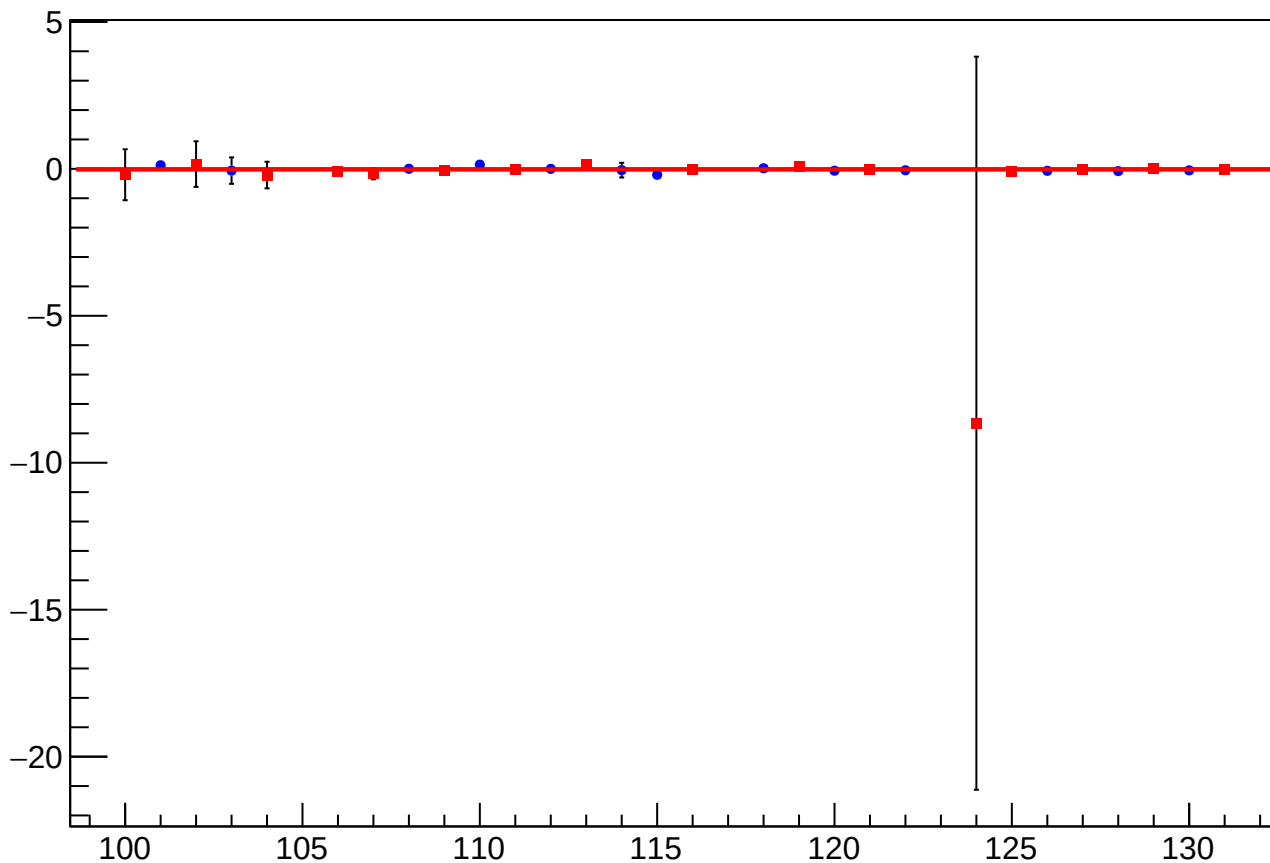
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 5175813.4/28

- 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: -0.019+/-0.020 χ^2 /NDF: 12.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.017+/-0.020 χ^2 /NDF: 11.0/15

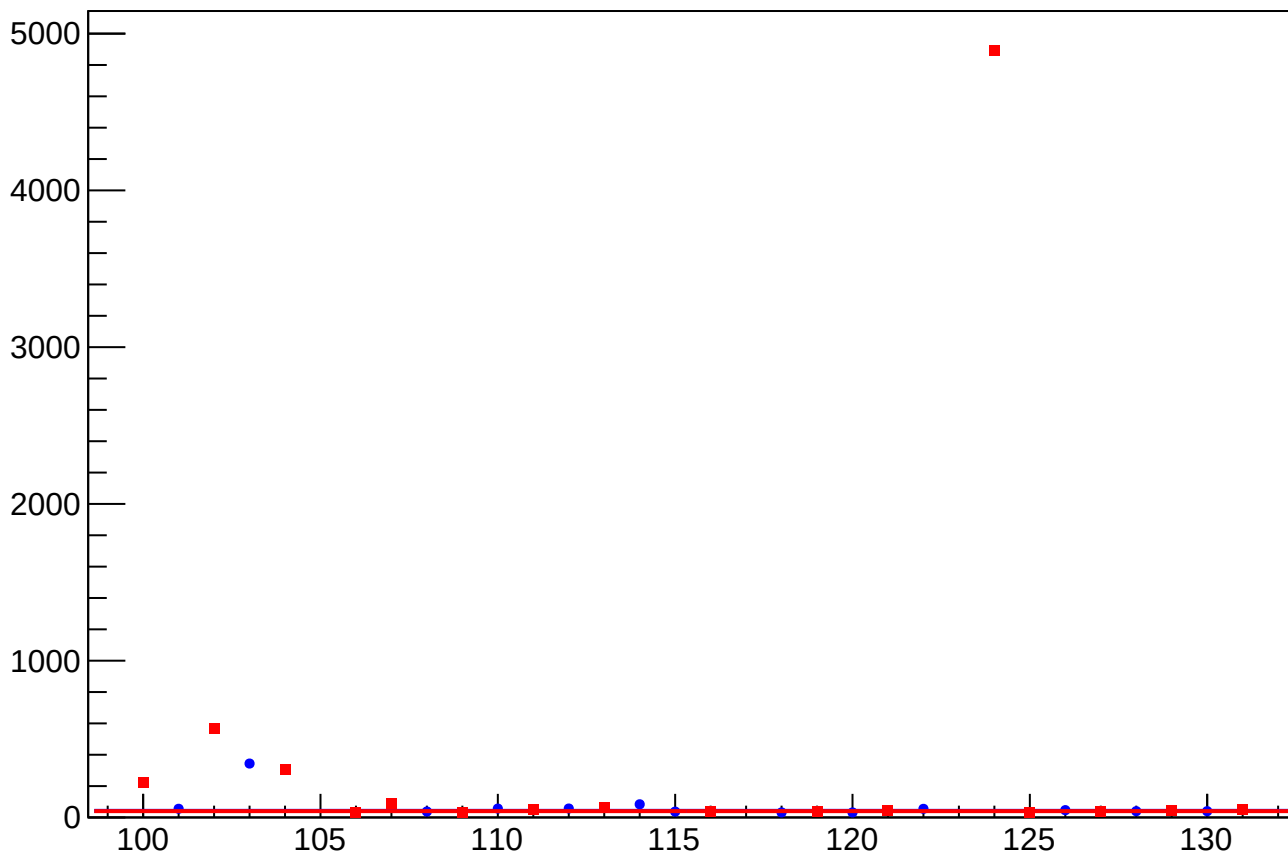
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

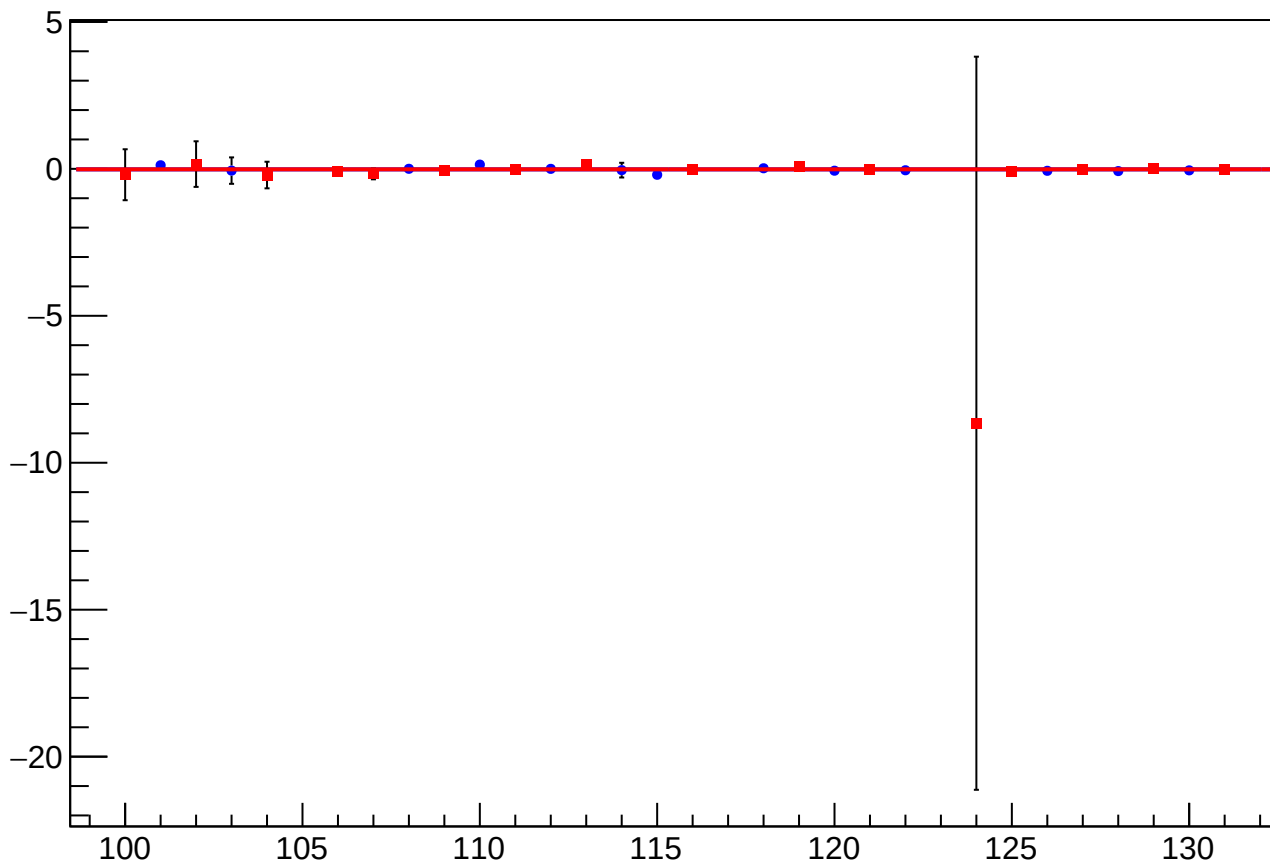
All: -0.018+/-0.014 χ^2 /NDF: 23.6/28

- 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



asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.019+/-0.020 χ^2 /NDF: 12.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.017+/-0.020 χ^2 /NDF: 11.0/15

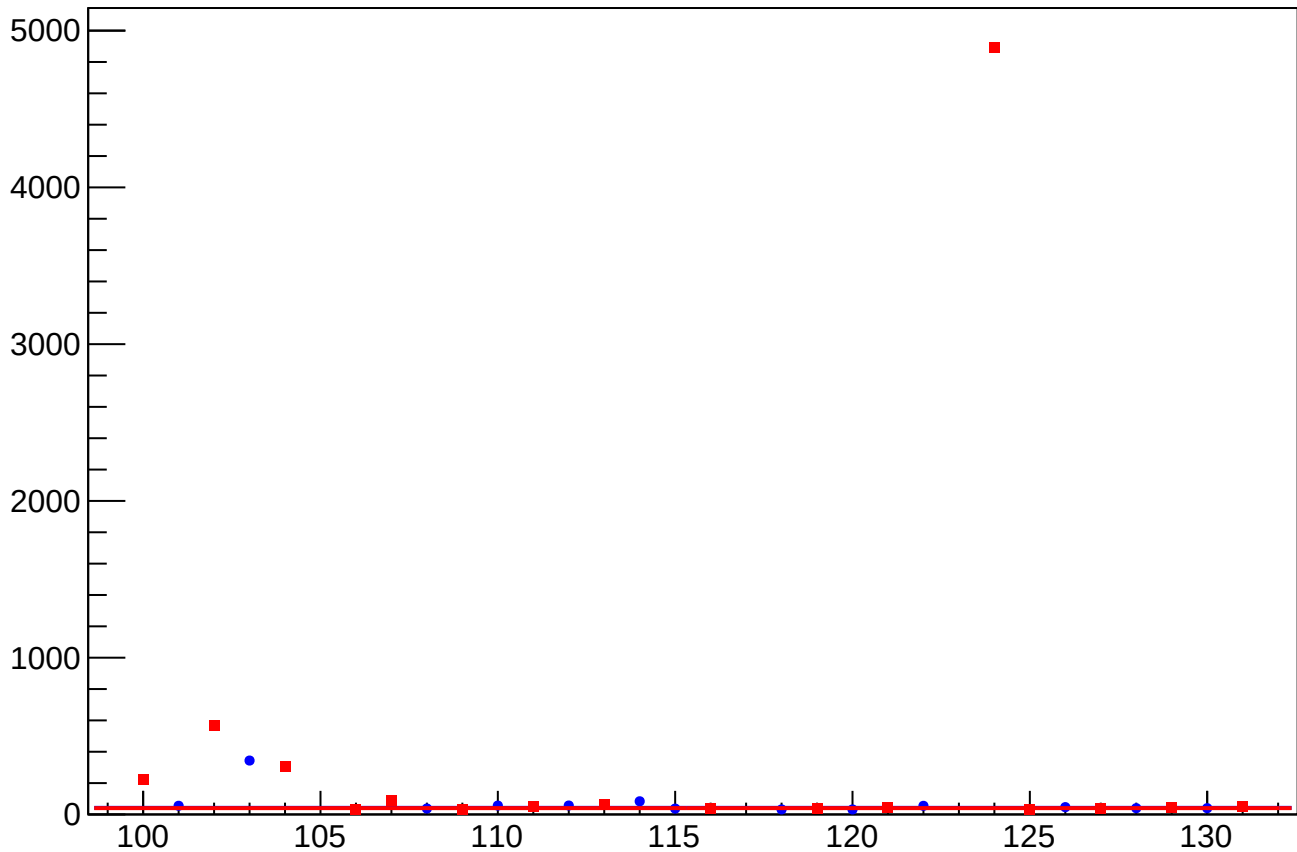
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.018+/-0.014 χ^2 /NDF: 23.6/28

- 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



Right In: 42.102 $\pm$ 0.014 χ^2 /NDF: 1354160.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 40.335 $\pm$ 0.014 χ^2 /NDF: 2449119.4/15

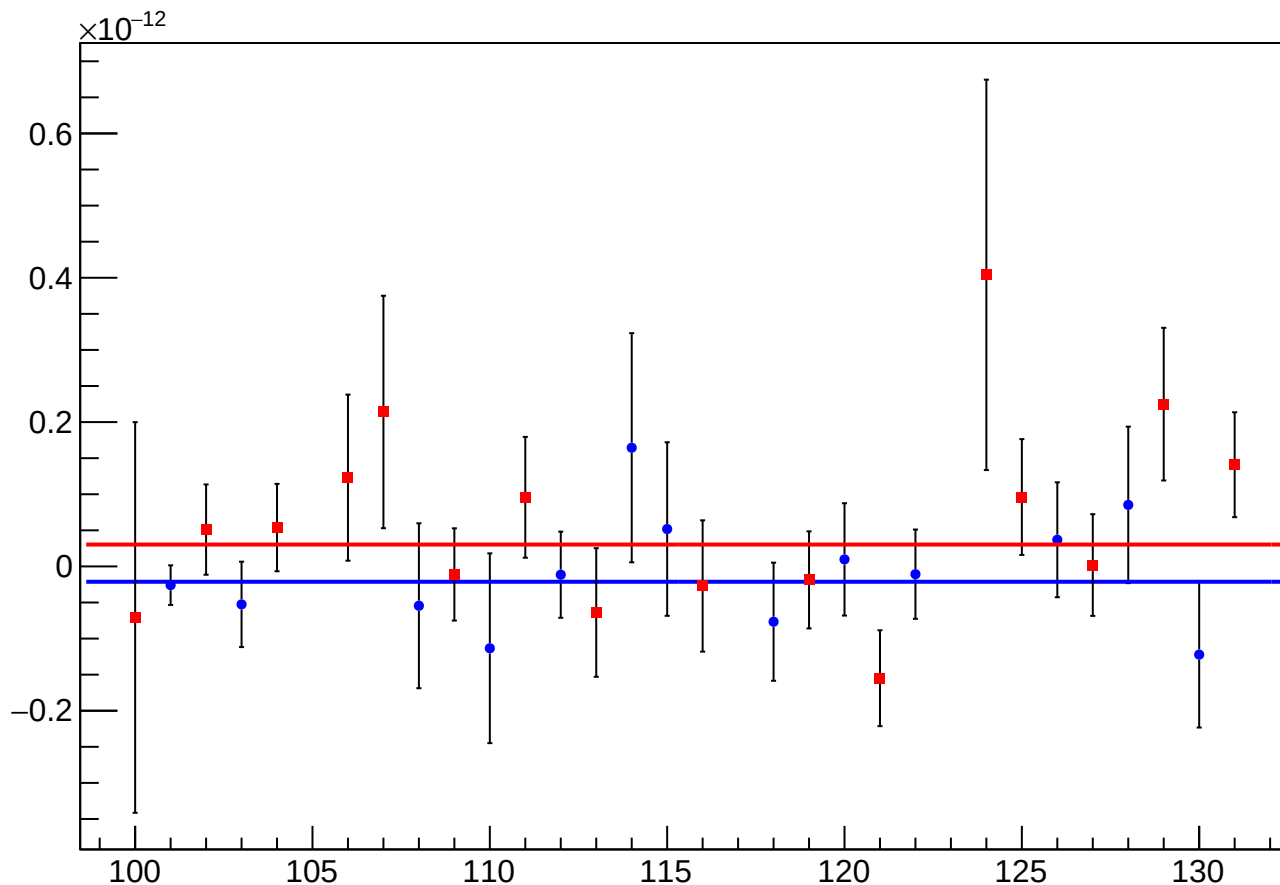
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 41.183 $\pm$ 0.010 χ^2 /NDF: 3811081.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 5.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 21.6/15

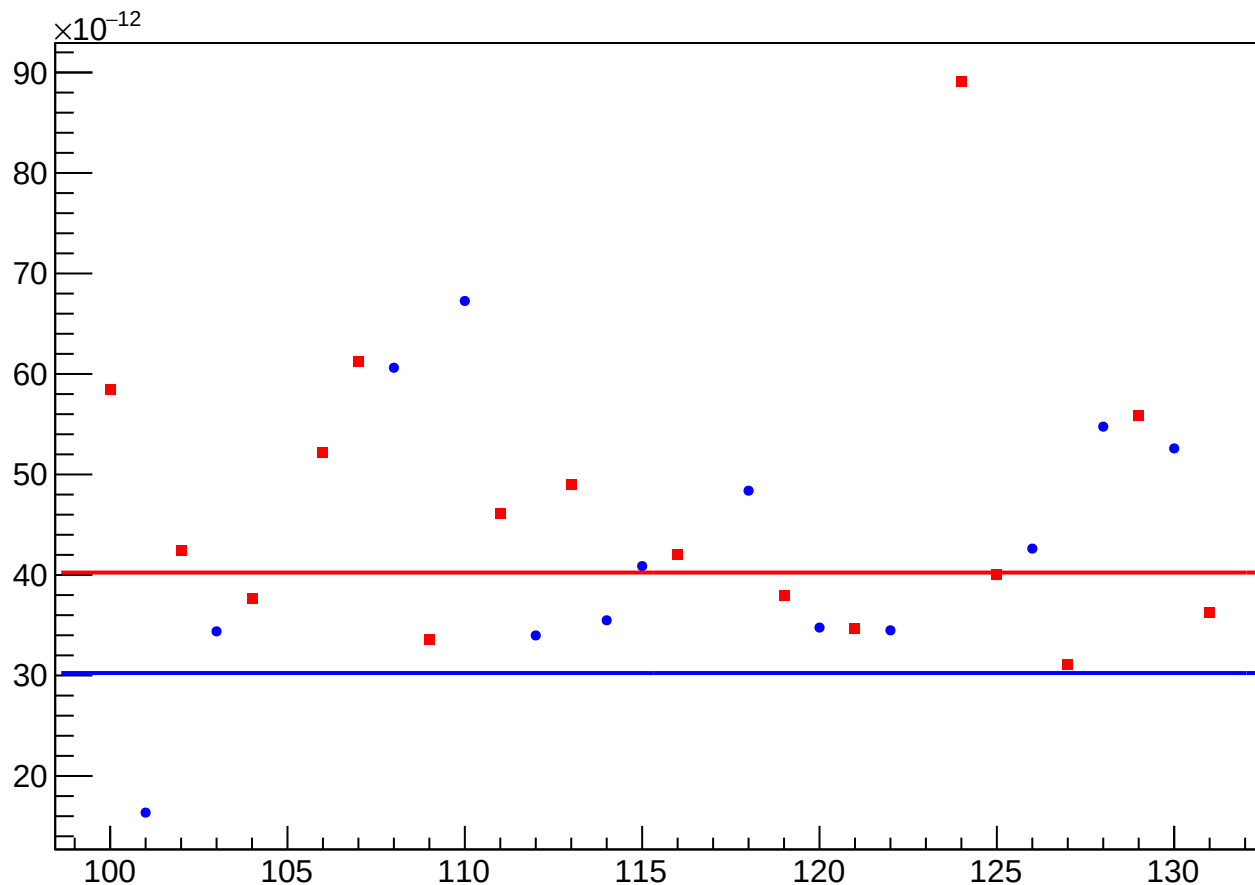
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1210689.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 287415.1/15

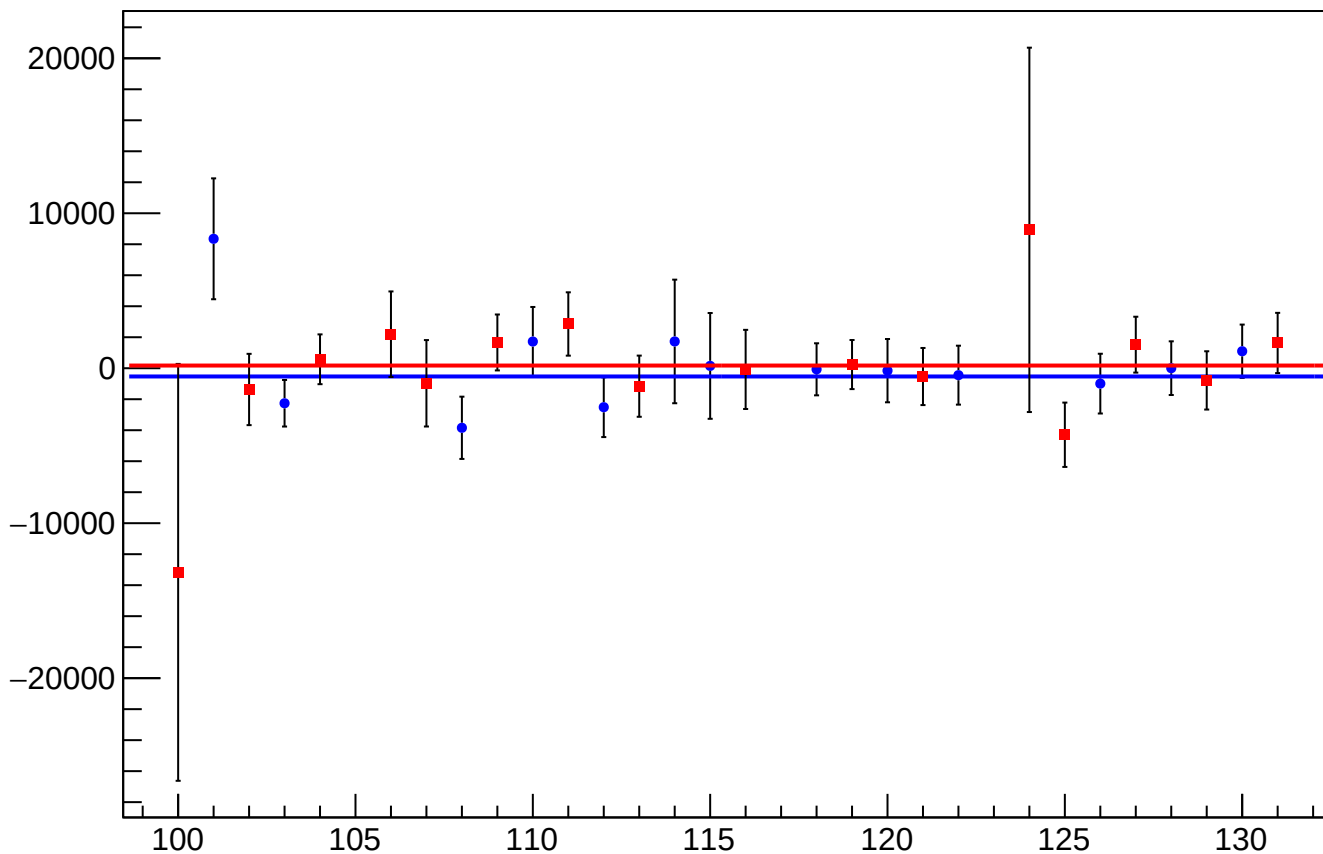
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1766085.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -531.995+/-560.180 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.251+/-528.071 χ^2/NDF : 11.8/15

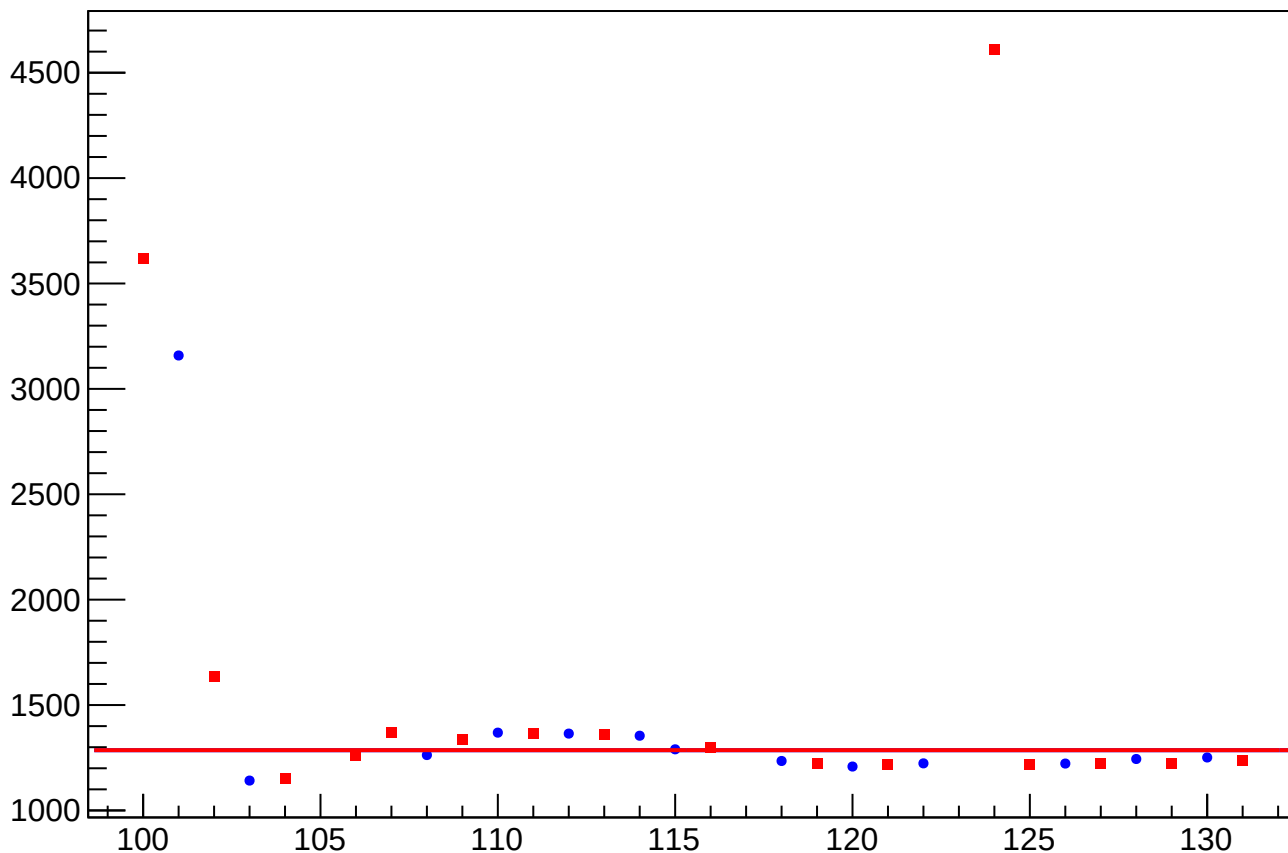
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -158.581+/-384.253 χ^2/NDF : 25.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1285.613+/-0.396 χ^2/NDF : 497502.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

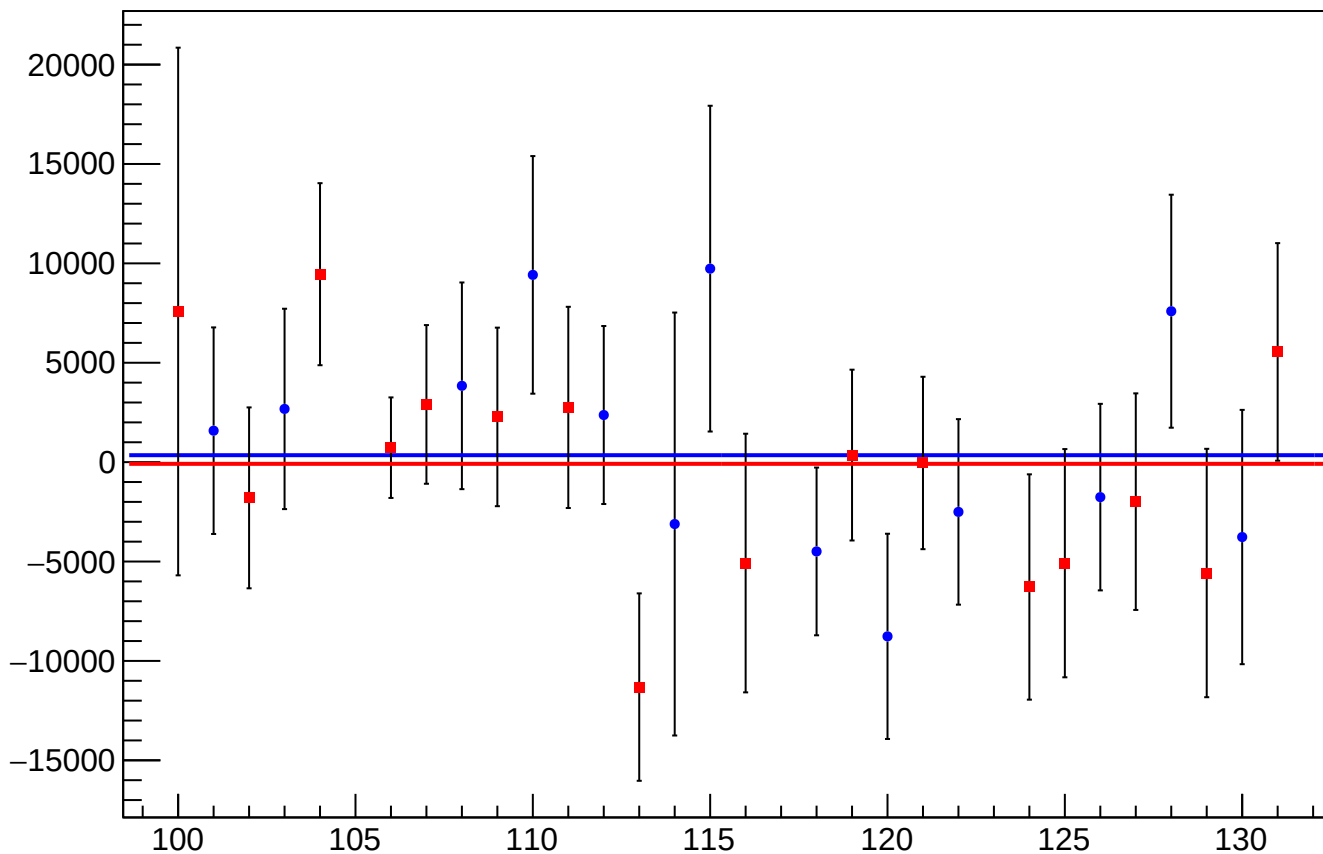
Right Out: 1285.946+/-0.372 χ^2/NDF : 303955.1/15

All: 1285.790+/-0.271 χ^2/NDF : 801458.4/28

- 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_correction_mean vs Slug



Right In: 349.586 $\pm$ 1484.807 χ^2 /NDF: 11.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -85.501 $\pm$ 1162.841 χ^2 /NDF: 16.3/15

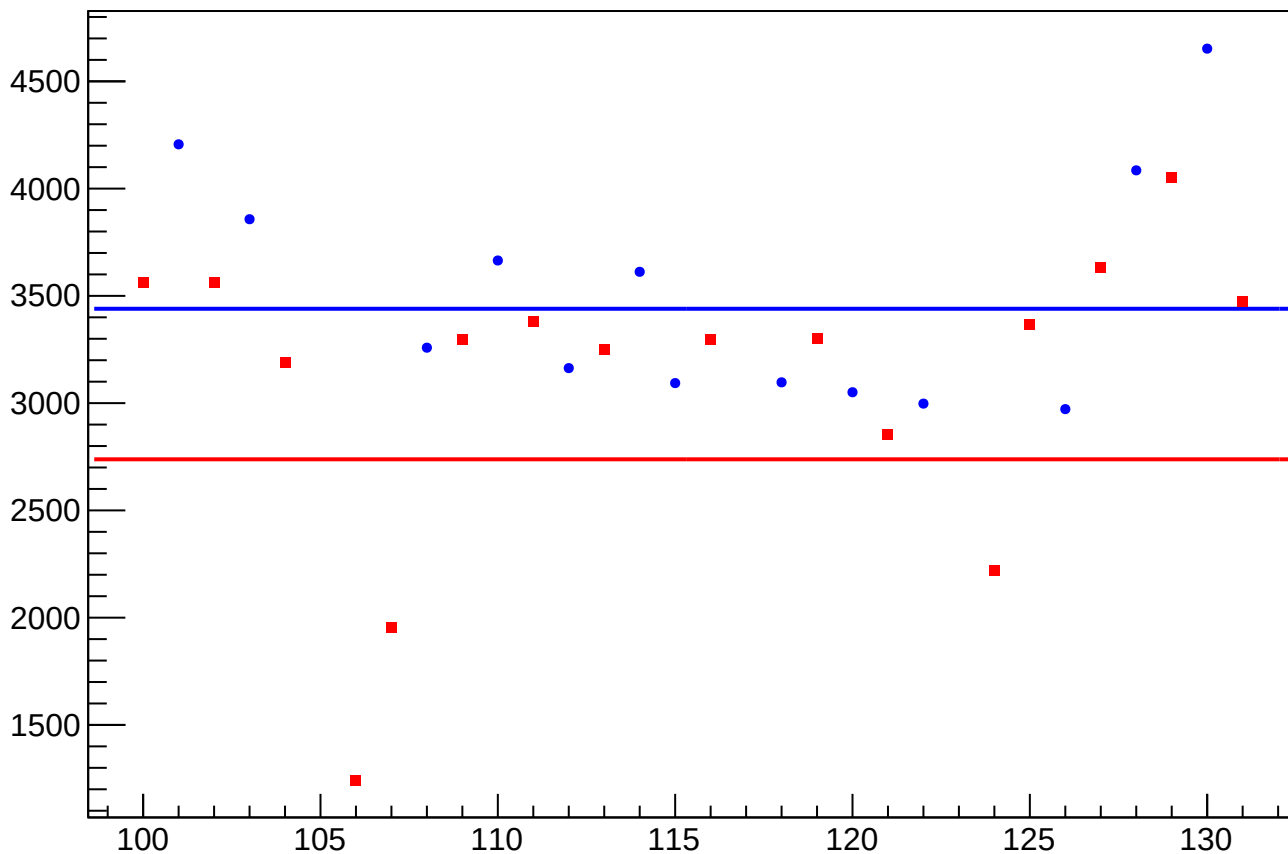
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 79.905 $\pm$ 915.498 χ^2 /NDF: 27.9/28

- 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: 3439.858+/-1.050 χ^2/NDF : 232755.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

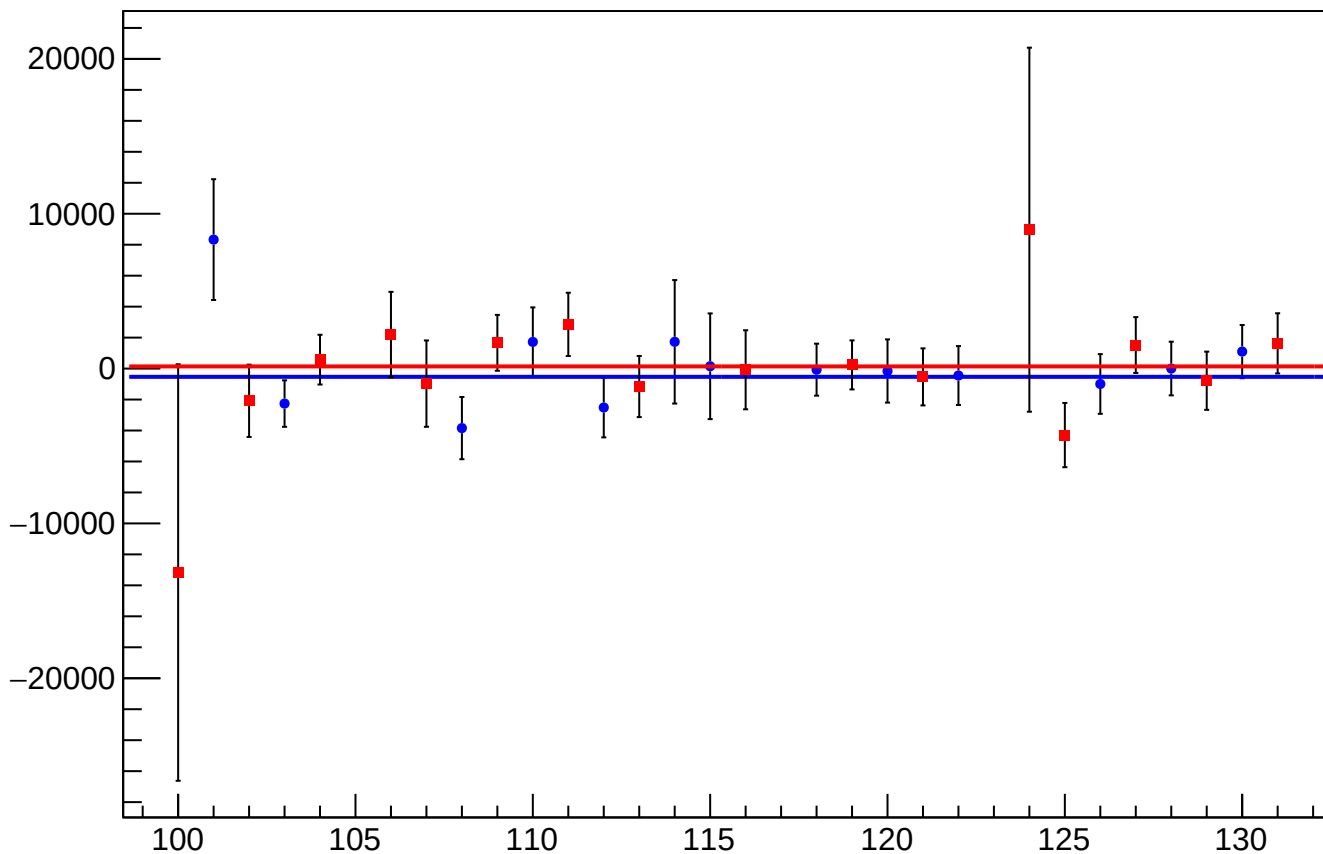
Right Out: 2738.152+/-0.822 χ^2/NDF : 1226964.6/15

All: 3004.917+/-0.647 χ^2/NDF : 1736589.5/28

- 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: -532.482+/-560.180 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.394+/-528.482 χ^2/NDF : 12.3/15

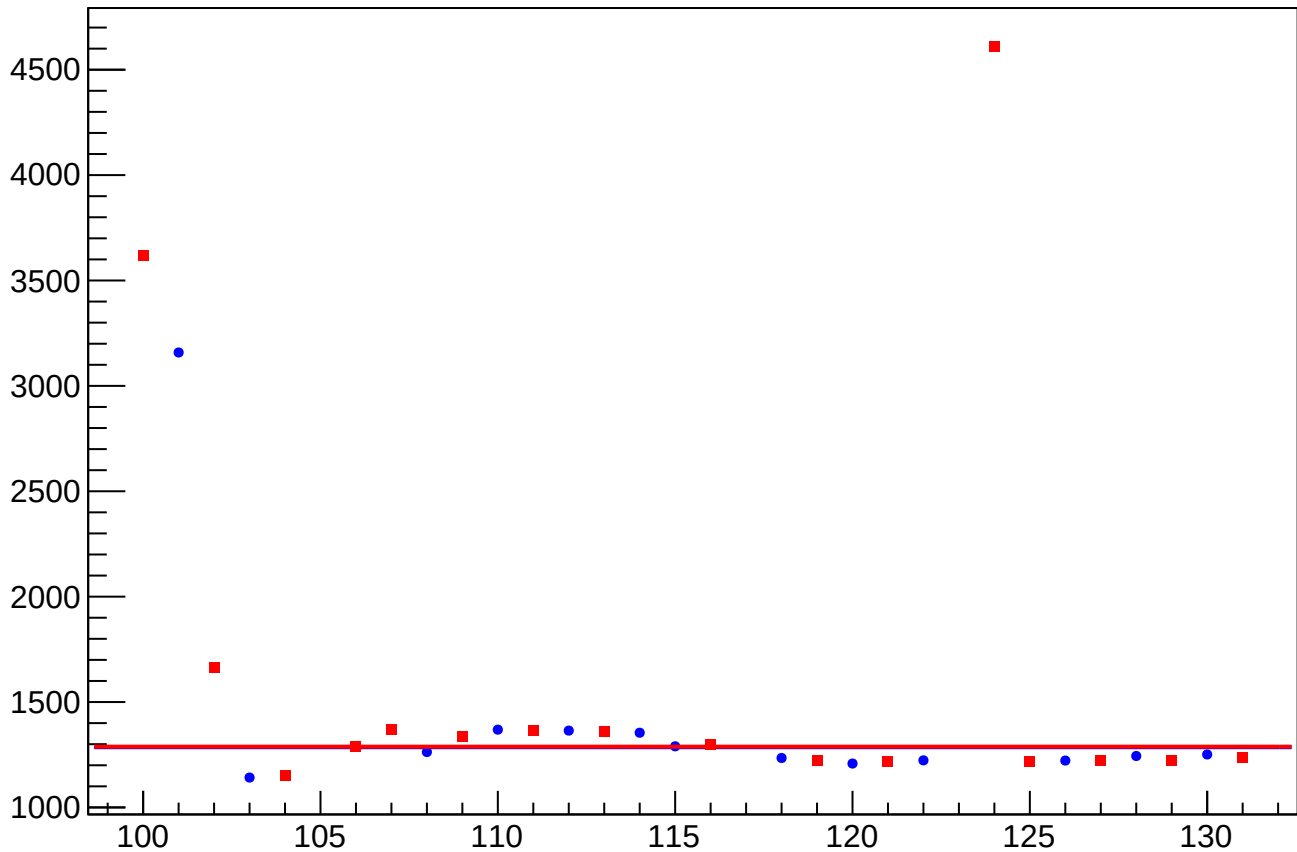
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -176.998+/-384.411 χ^2/NDF : 25.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1285.613+/-0.396 χ^2/NDF : 497504.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

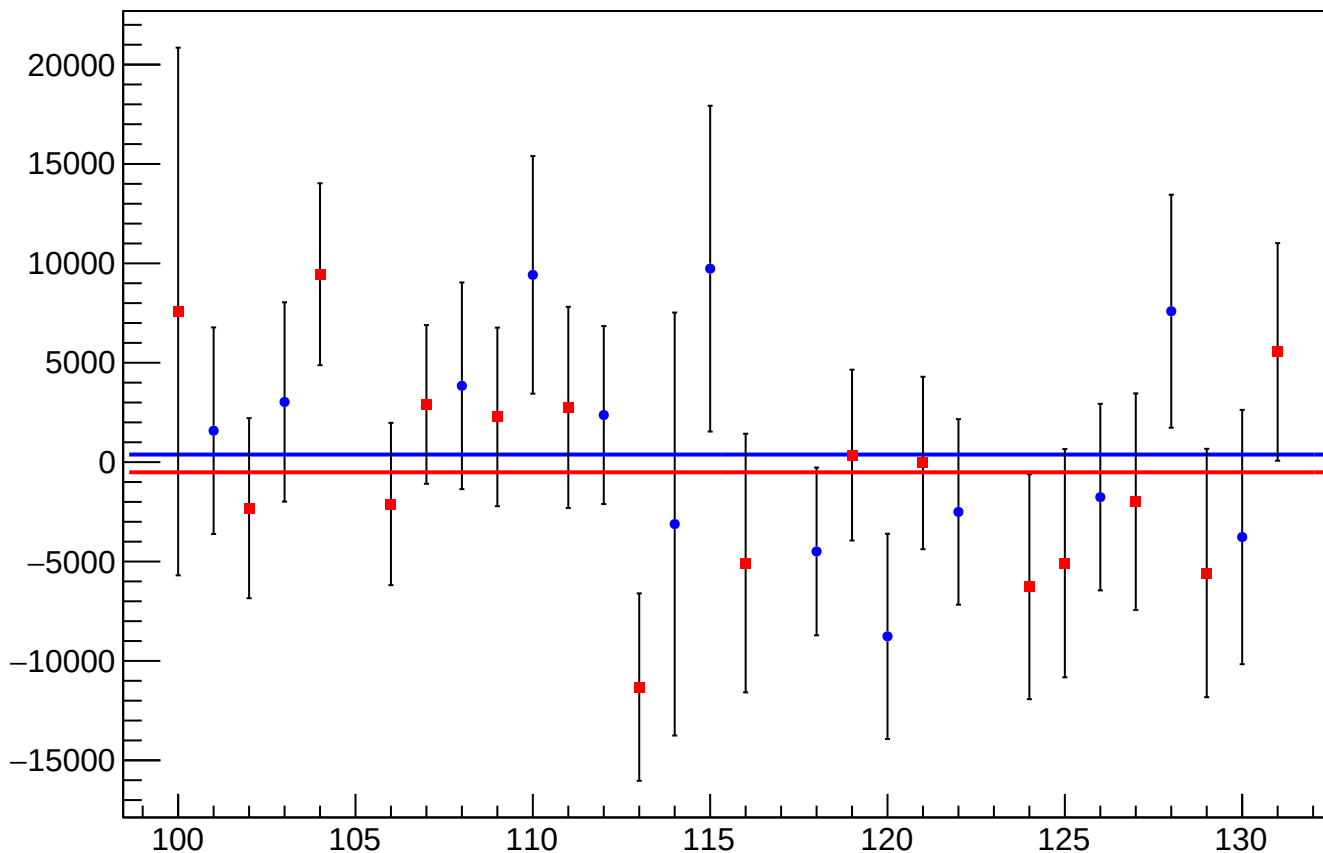
Right Out: 1288.280+/-0.373 χ^2/NDF : 310914.0/15

All: 1287.027+/-0.272 χ^2/NDF : 808442.3/28

- 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_cor_correction_mean vs Slug



Right In: 382.266+/-1484.167 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -510.547+/-1246.284 χ^2/NDF : 16.4/15

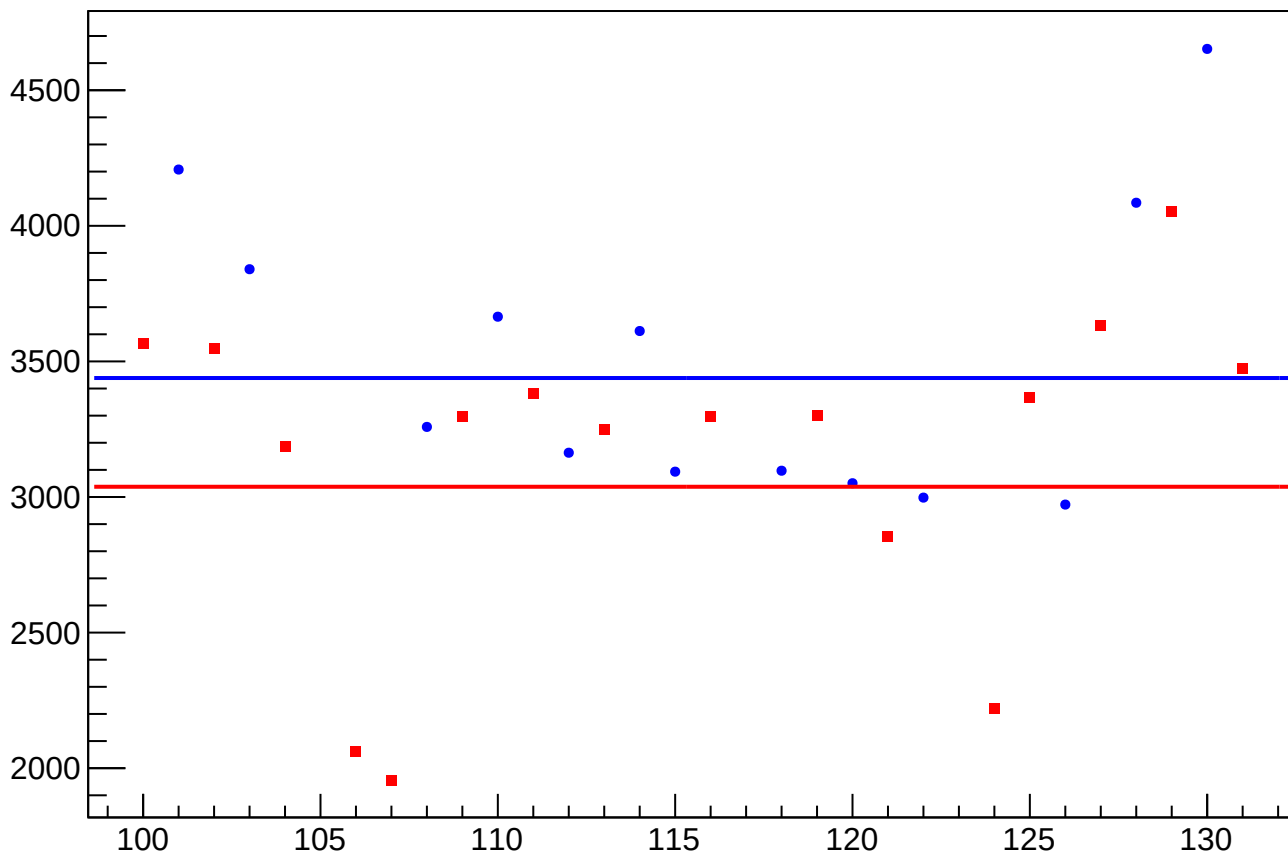
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -141.338+/-954.417 χ^2/NDF : 28.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_cor_correction_rms vs Slug



Right In: 3438.769+/-1.049 χ^2/NDF : 231876.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3037.788+/-0.881 χ^2/NDF : 464375.2/15

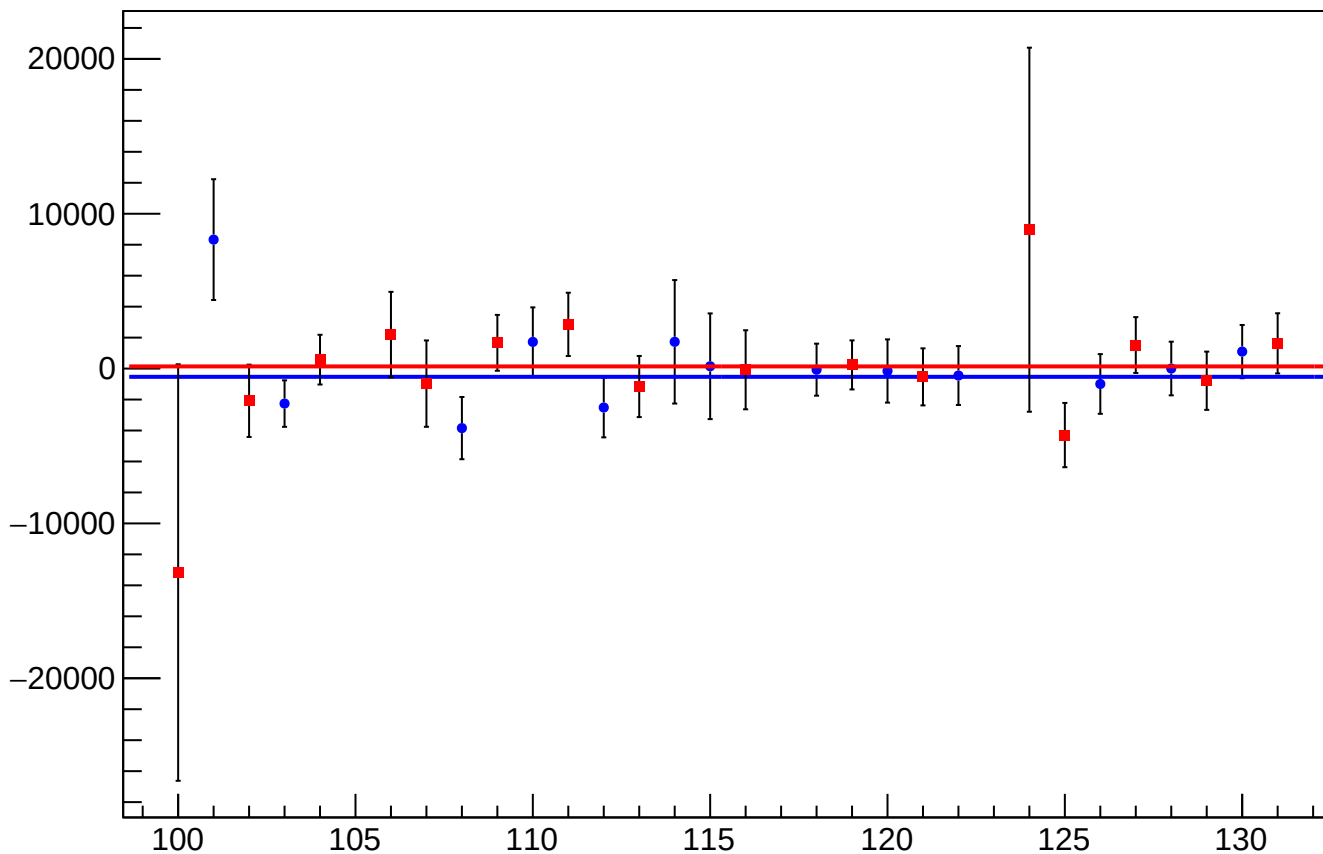
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3203.607+/-0.675 χ^2/NDF : 781867.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -532.482+/-560.180 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.394+/-528.482 χ^2/NDF : 12.3/15

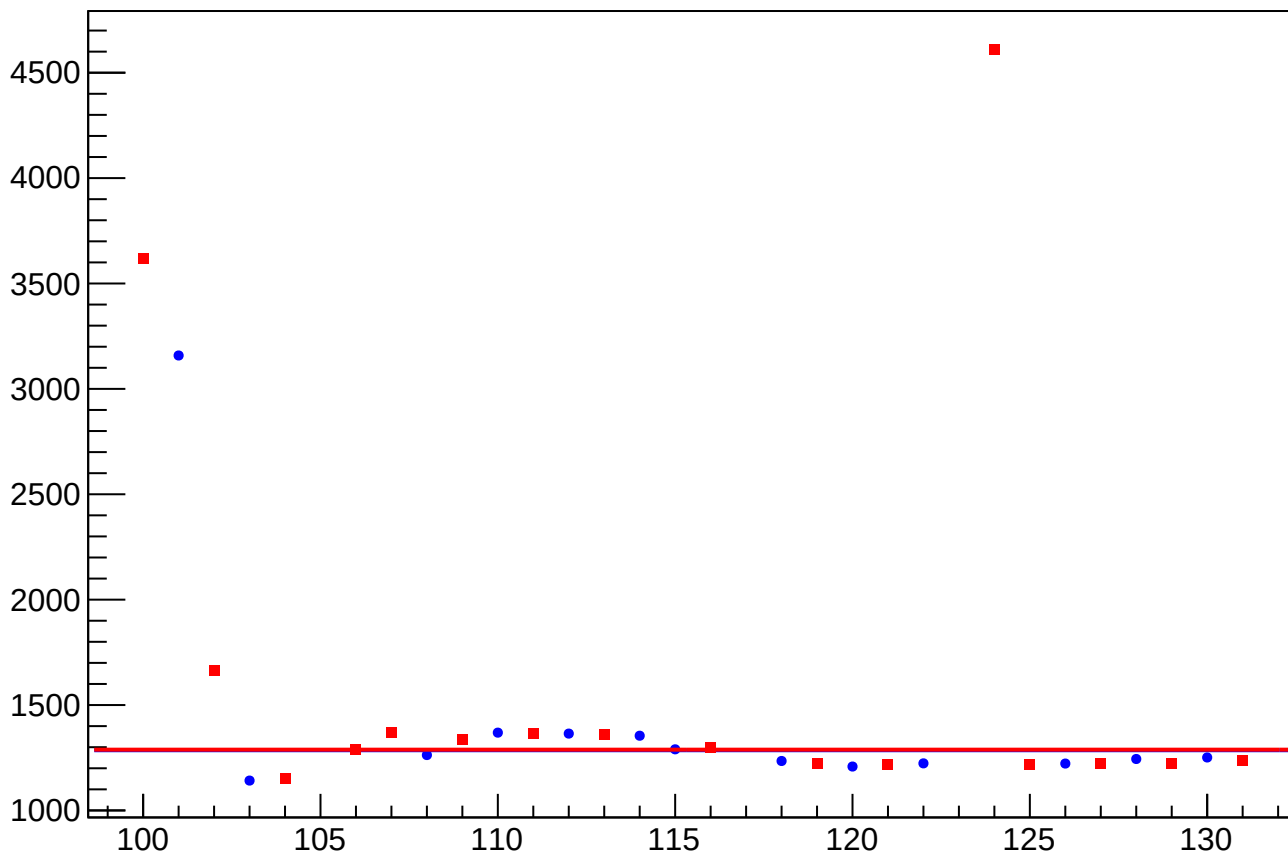
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -176.998+/-384.411 χ^2/NDF : 25.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1285.613+/-0.396 χ^2/NDF : 497504.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1288.280+/-0.373 χ^2/NDF : 310914.0/15

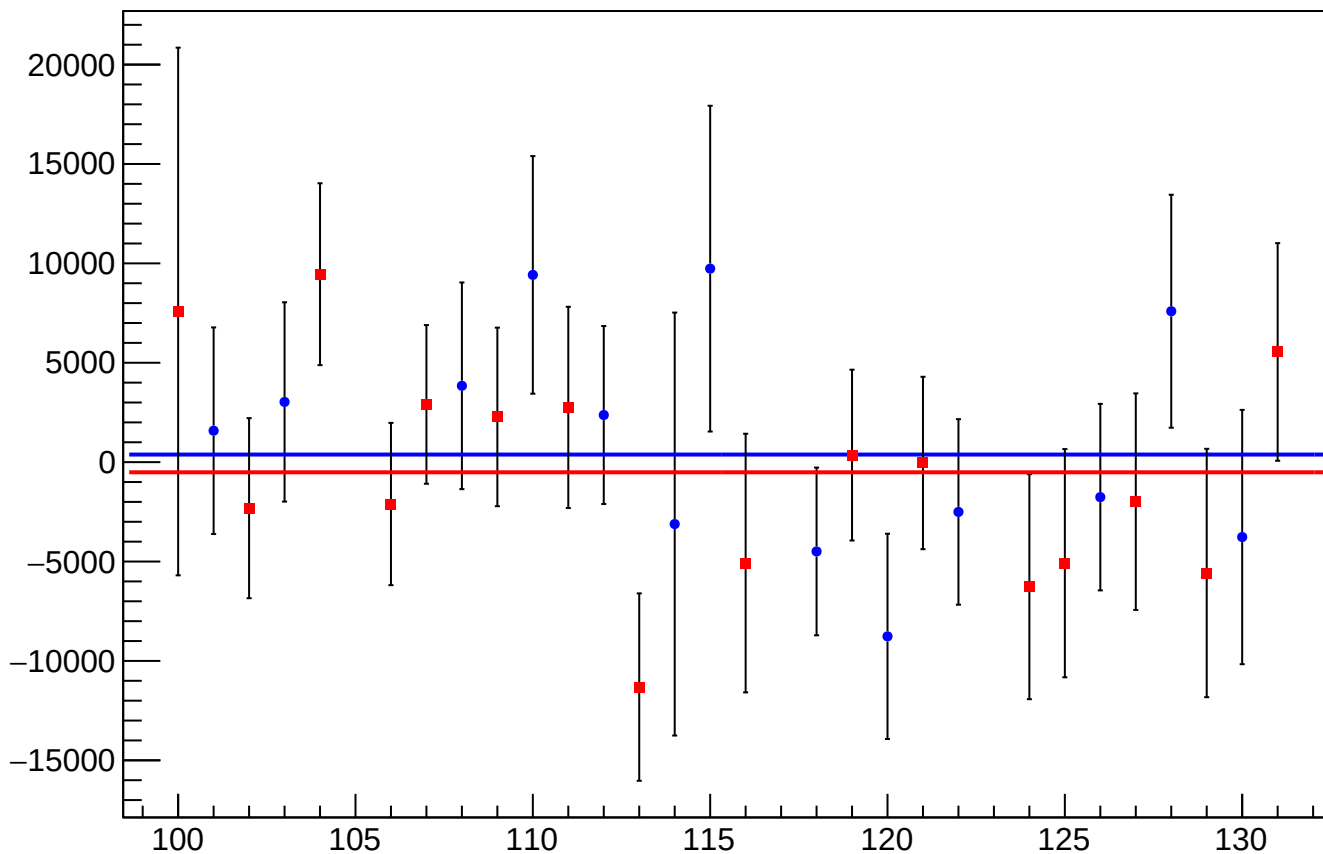
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1287.027+/-0.272 χ^2/NDF : 808442.3/28

- 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: 382.266+/-1484.167 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -510.547+/-1246.284 χ^2/NDF : 16.4/15

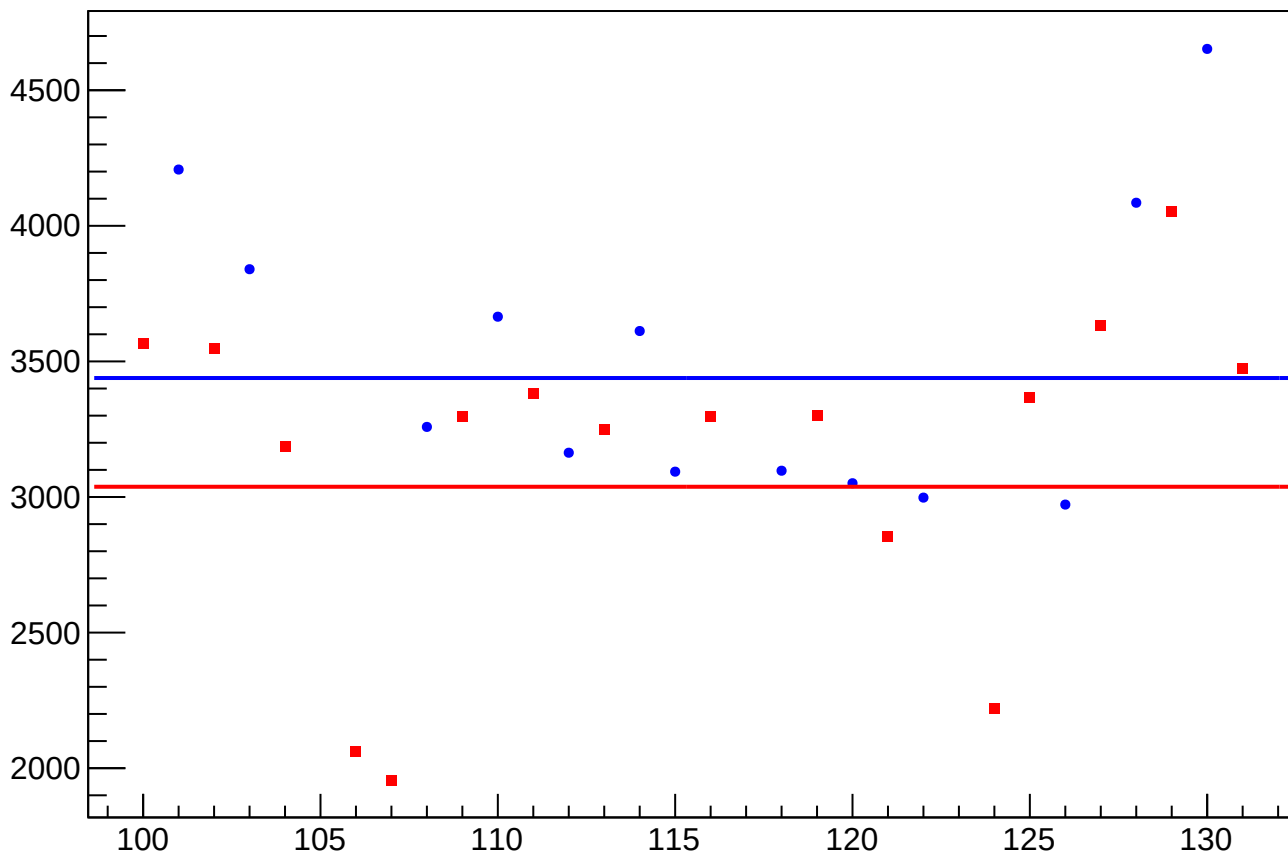
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -141.338+/-954.417 χ^2/NDF : 28.3/28

- 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: 3438.769+/-1.049 χ^2/NDF : 231876.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3037.788+/-0.881 χ^2/NDF : 464375.2/15

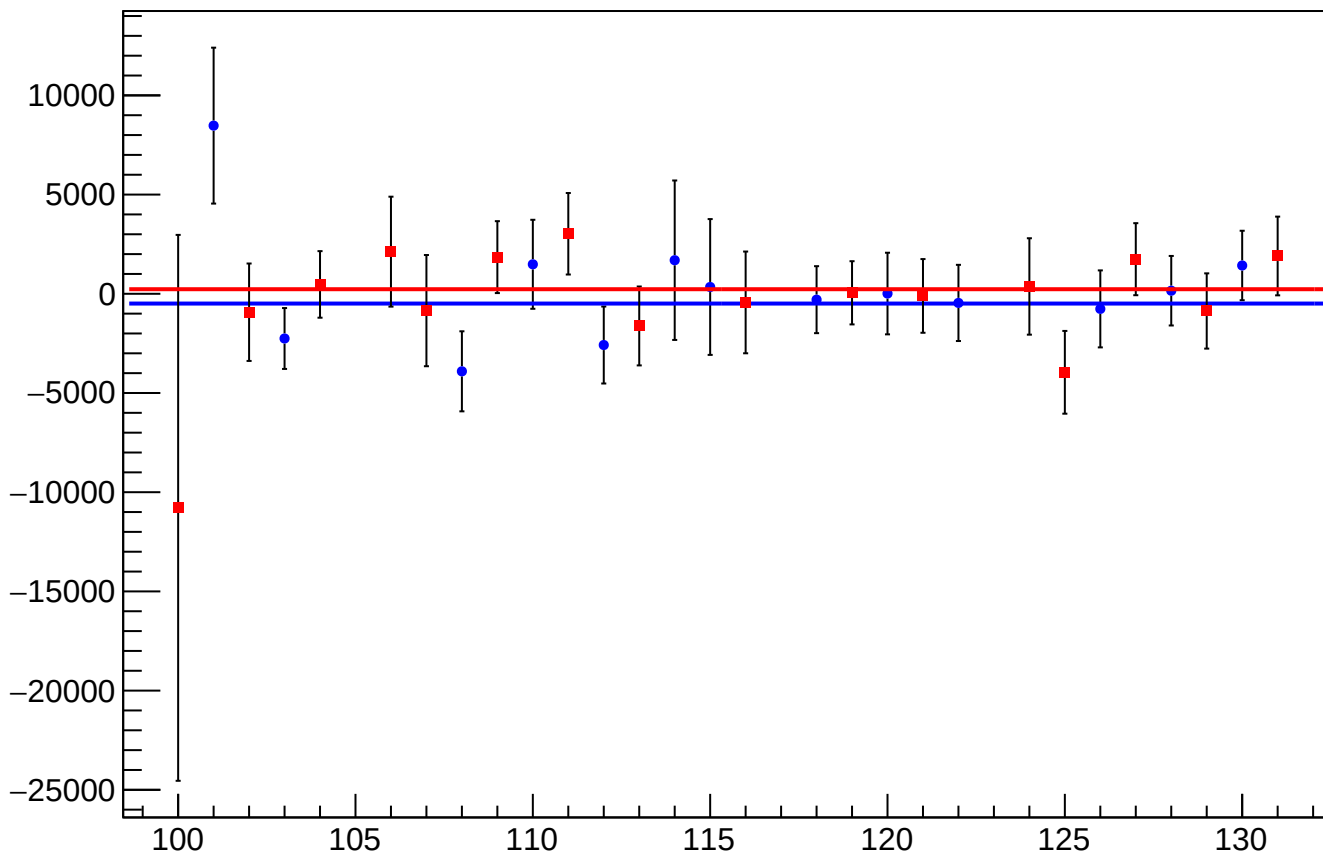
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3203.607+/-0.675 χ^2/NDF : 781867.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -492.281+/-565.819 χ^2 /NDF: 13.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 230.770+/-523.431 χ^2 /NDF: 10.9/15

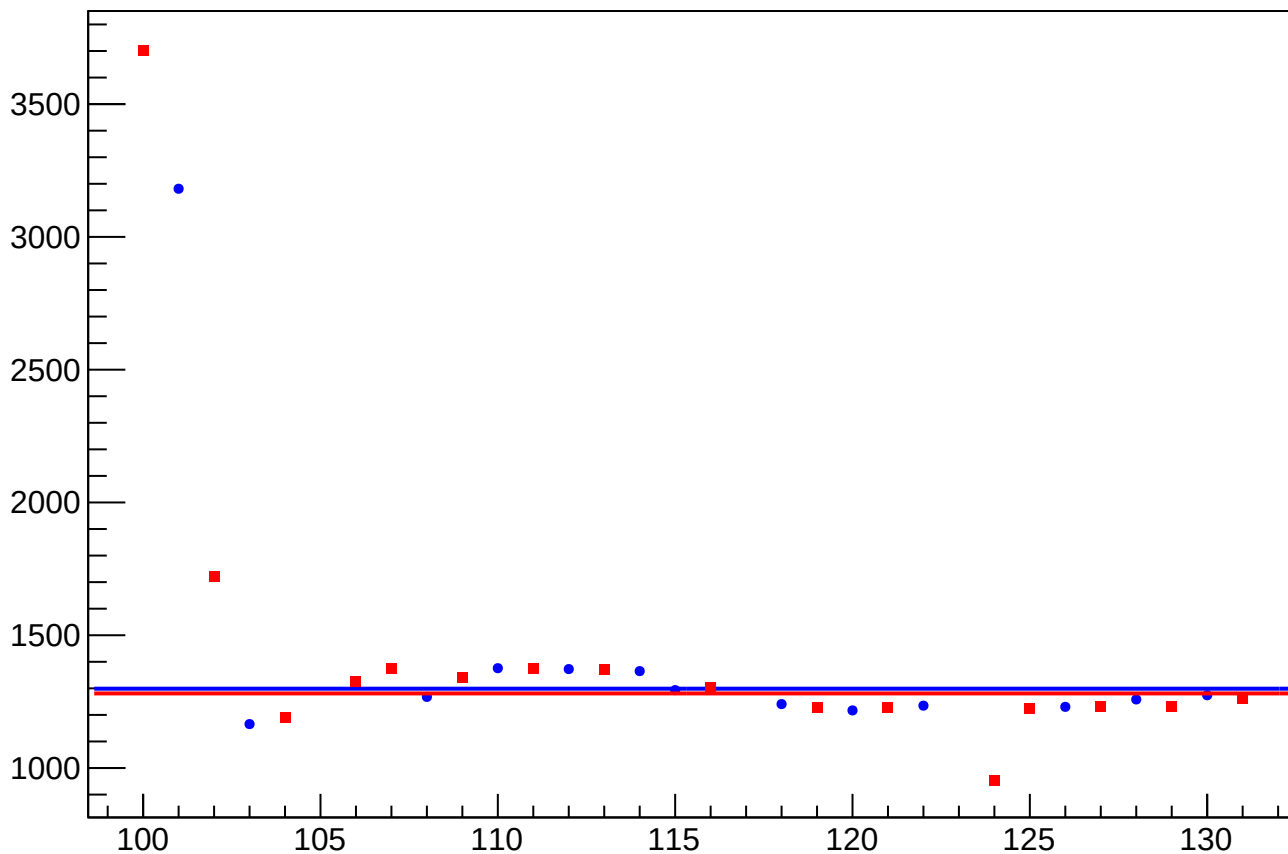
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -102.661+/-384.234 χ^2 /NDF: 24.9/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1298.736 $\pm$ 0.400 χ^2 /NDF: 492173.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1280.923 $\pm$ 0.370 χ^2 /NDF: 190173.4/15

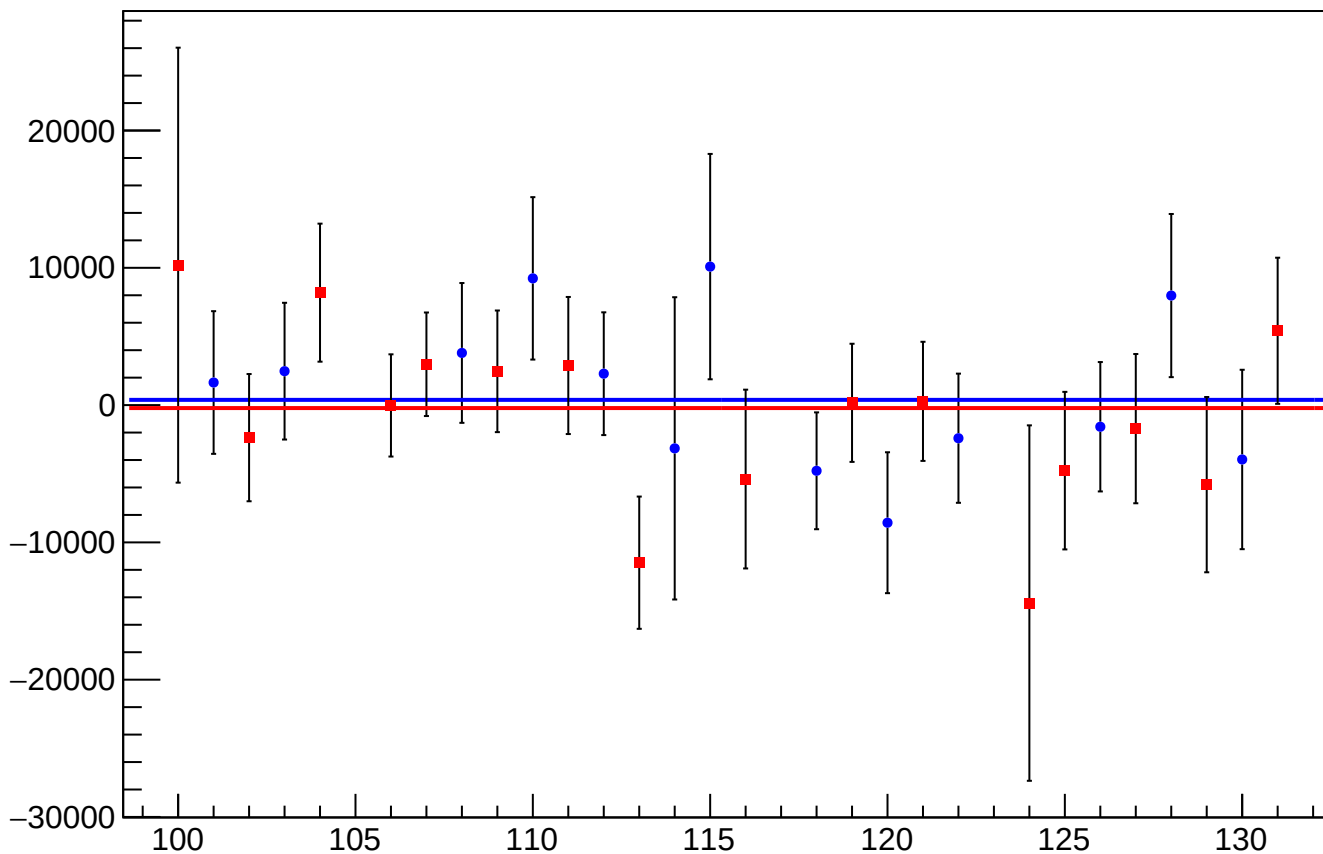
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1289.129 $\pm$ 0.272 χ^2 /NDF: 683415.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_dit_correction_mean vs Slug



Right In: 381.695 $\pm$ 1486.105 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -216.035 $\pm$ 1262.333 χ^2 /NDF: 14.8/15

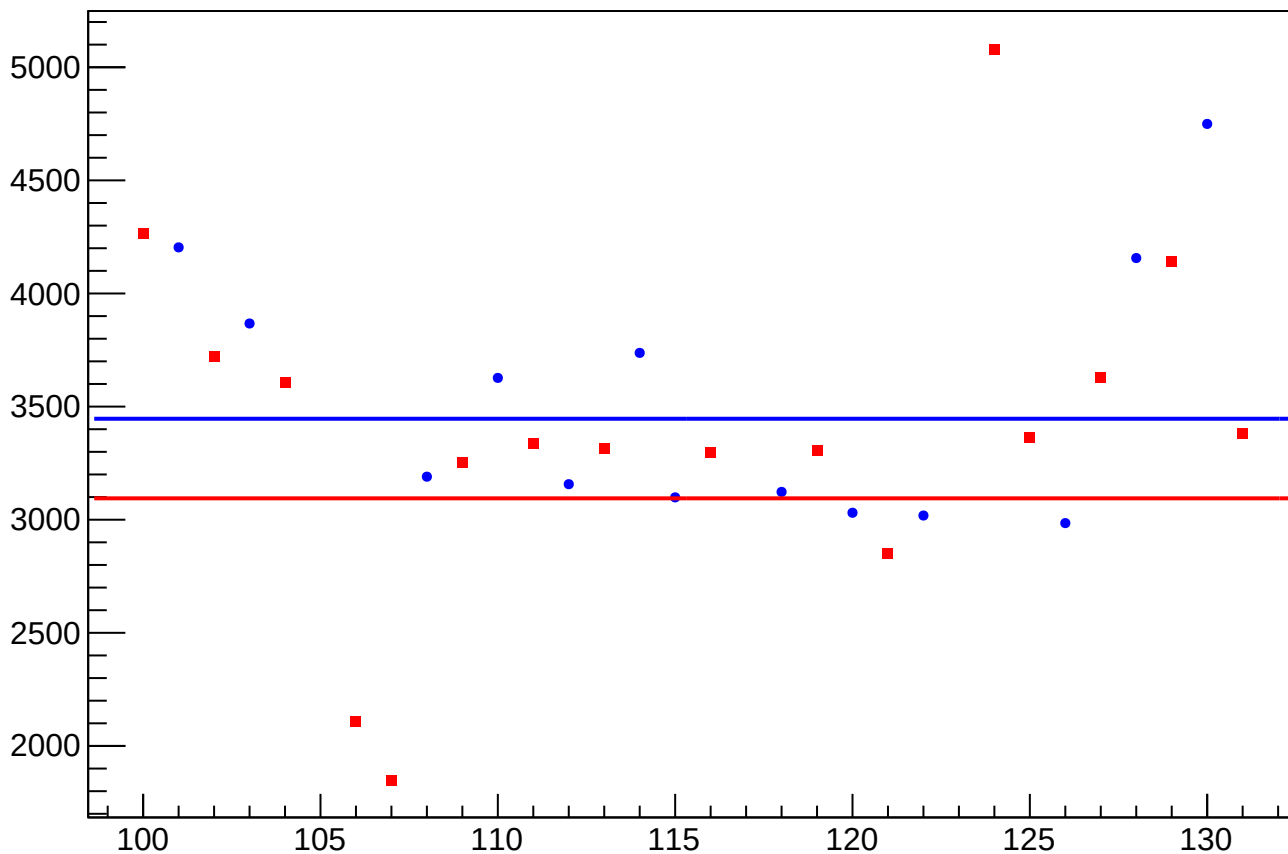
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.484 $\pm$ 962.095 χ^2 /NDF: 26.6/28

- 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: 3446.286 $\pm$ 1.051 χ^2 /NDF: 245591.6/12

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

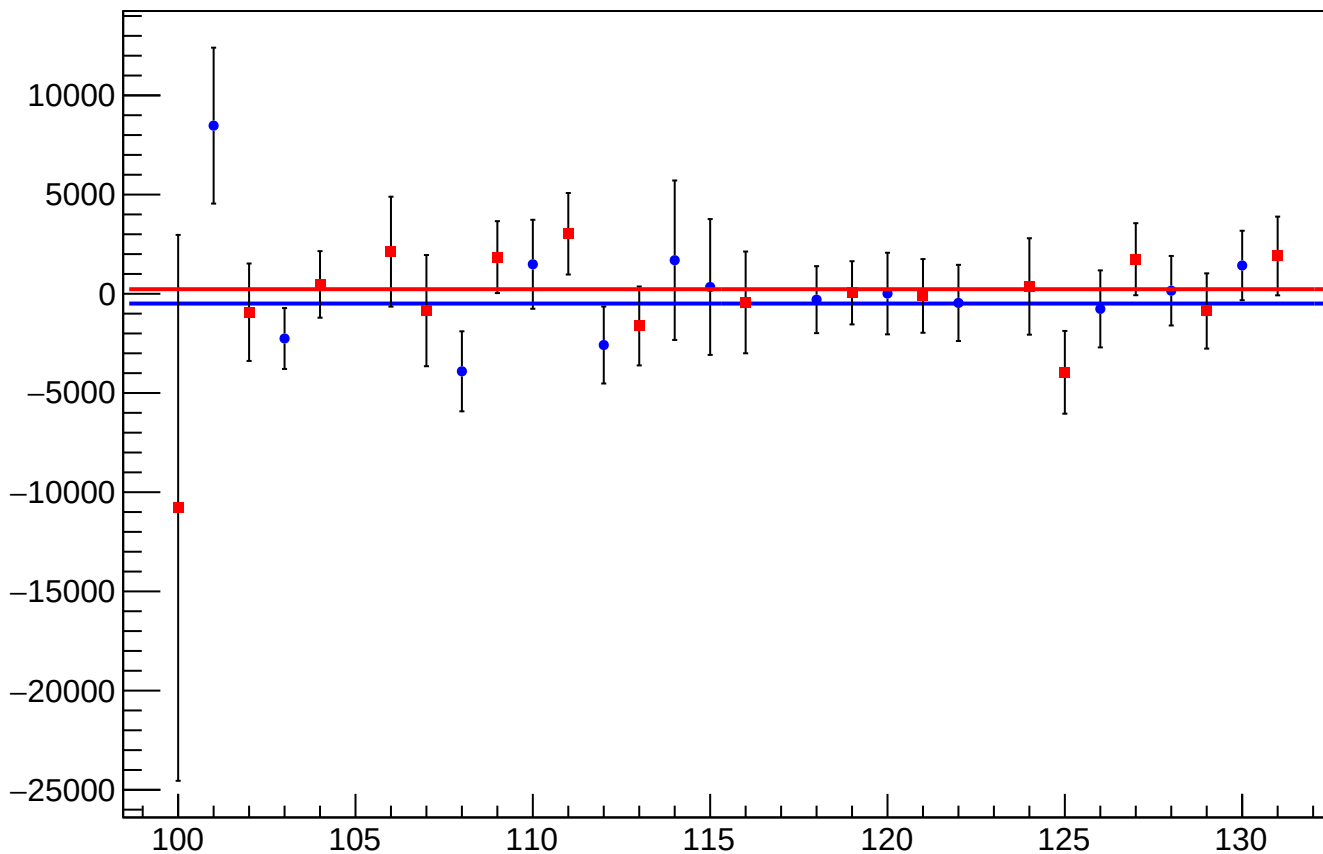
Right Out: 3094.468 $\pm$ 0.893 χ^2 /NDF: 581713.9/15

All: 3241.921 $\pm$ 0.680 χ^2 /NDF: 892416.5/28

- 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_avg_at2_avg_dd_mean vs Slug



Right In: -492.285+/-565.818 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 230.778+/-523.431 χ^2/NDF : 10.9/15

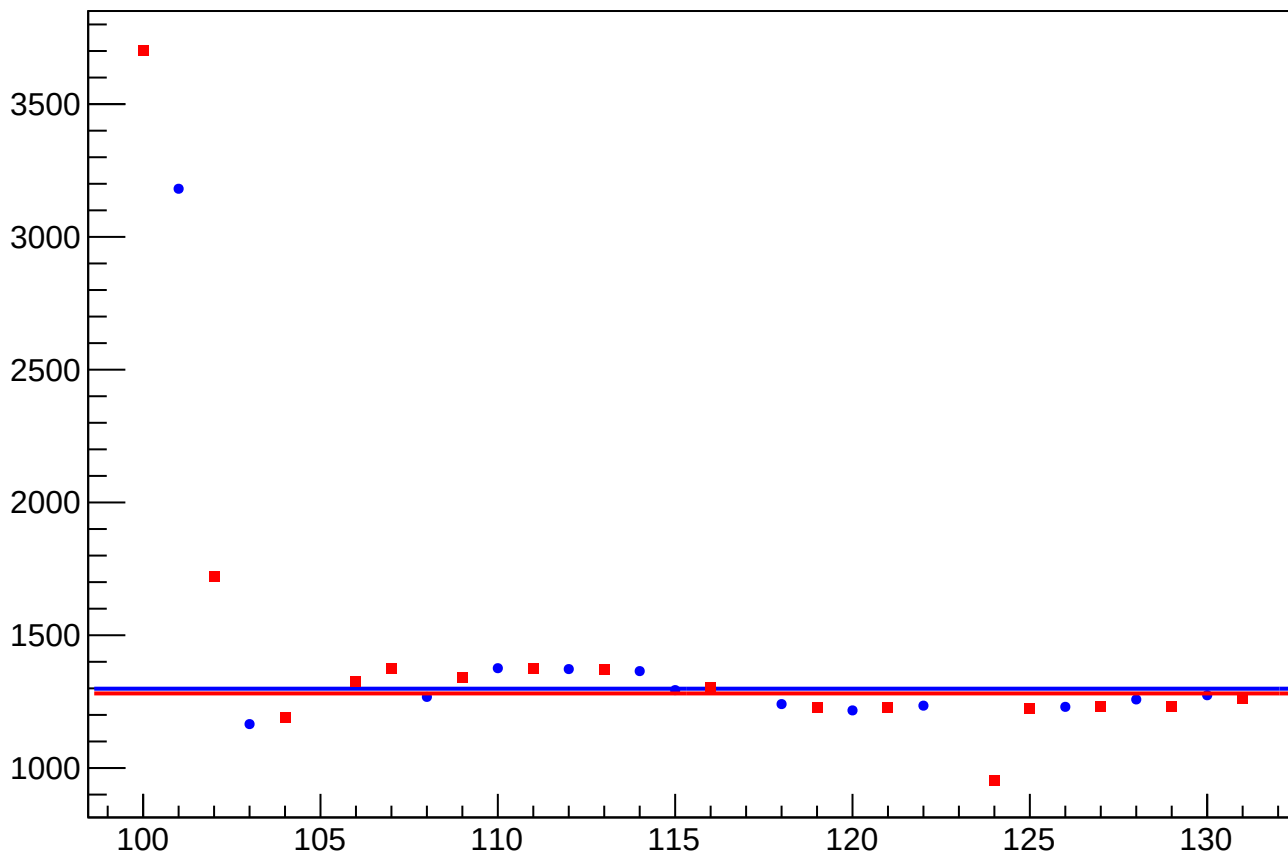
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -102.658+/-384.234 χ^2/NDF : 24.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1298.735+/-0.400 χ^2/NDF : 492173.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1280.923+/-0.370 χ^2/NDF : 190173.5/15

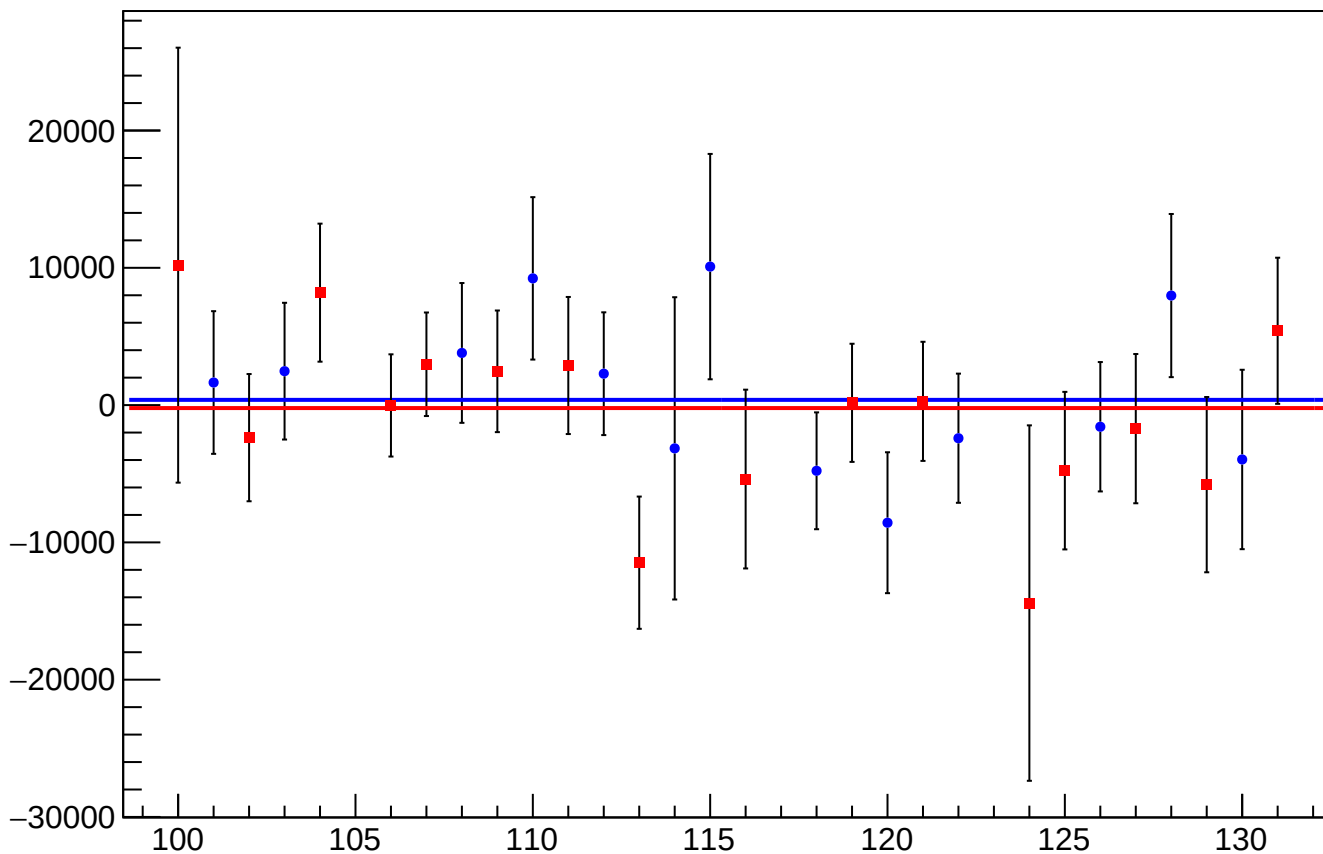
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.129+/-0.272 χ^2/NDF : 683415.7/28

- 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: 381.688 ± 1486.101 χ^2/NDF : 11.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -216.030 ± 1262.329 χ^2/NDF : 14.8/15

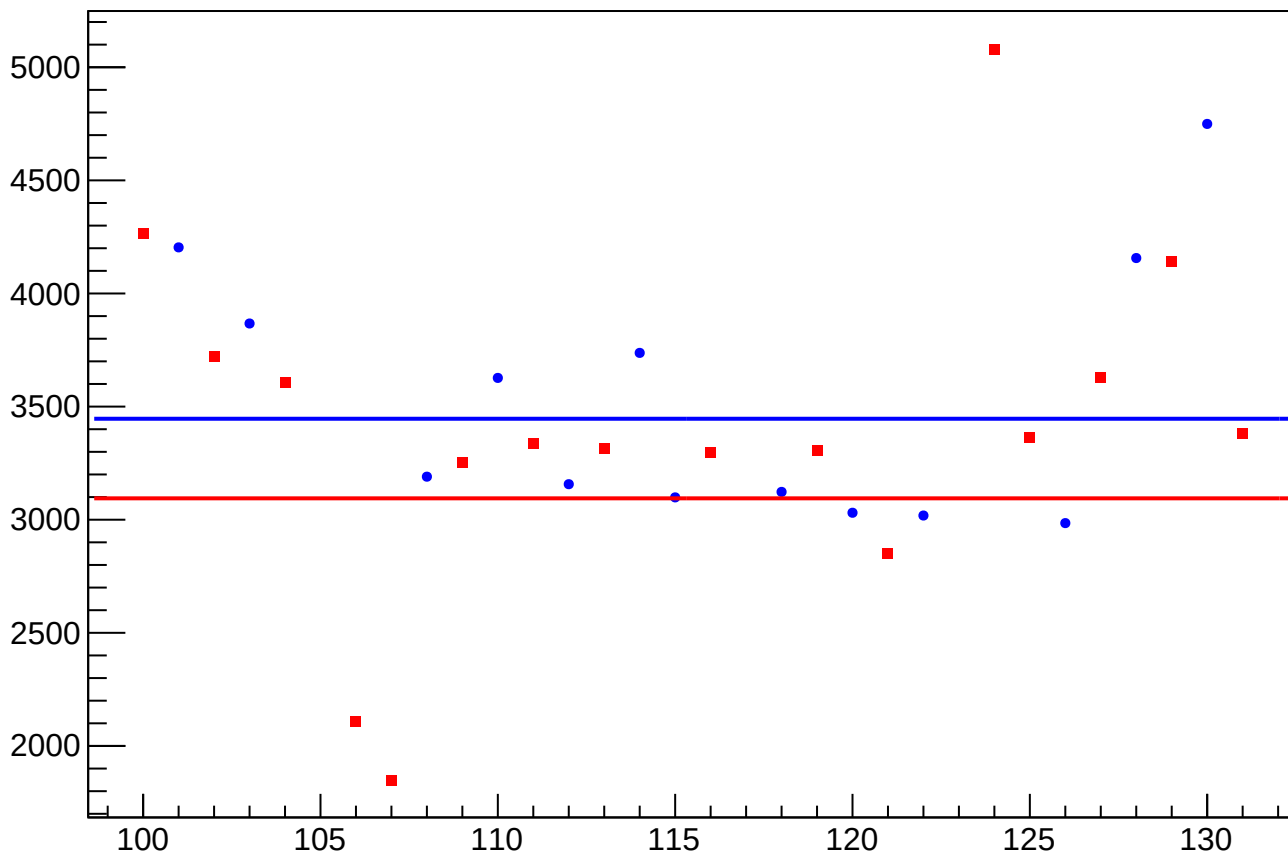
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 34.485 ± 962.092 χ^2/NDF : 26.6/28

- 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: 3446.274+/-1.051 χ^2/NDF : 245593.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3094.459+/-0.893 χ^2/NDF : 581714.9/15

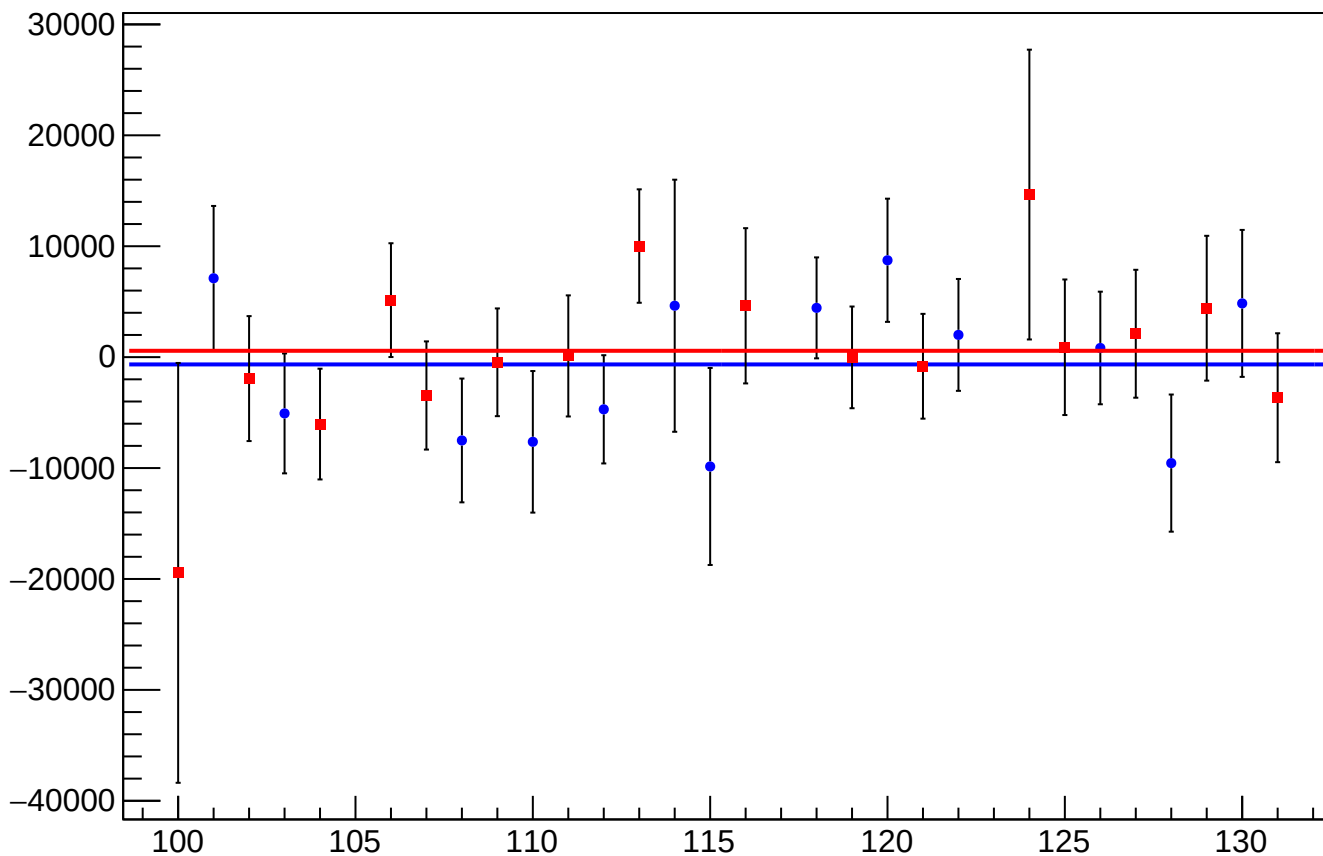
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3241.911+/-0.680 χ^2/NDF : 892419.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -656.473+/-1612.431 χ^2/NDF : 14.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 572.204+/-1418.084 χ^2/NDF : 10.6/15

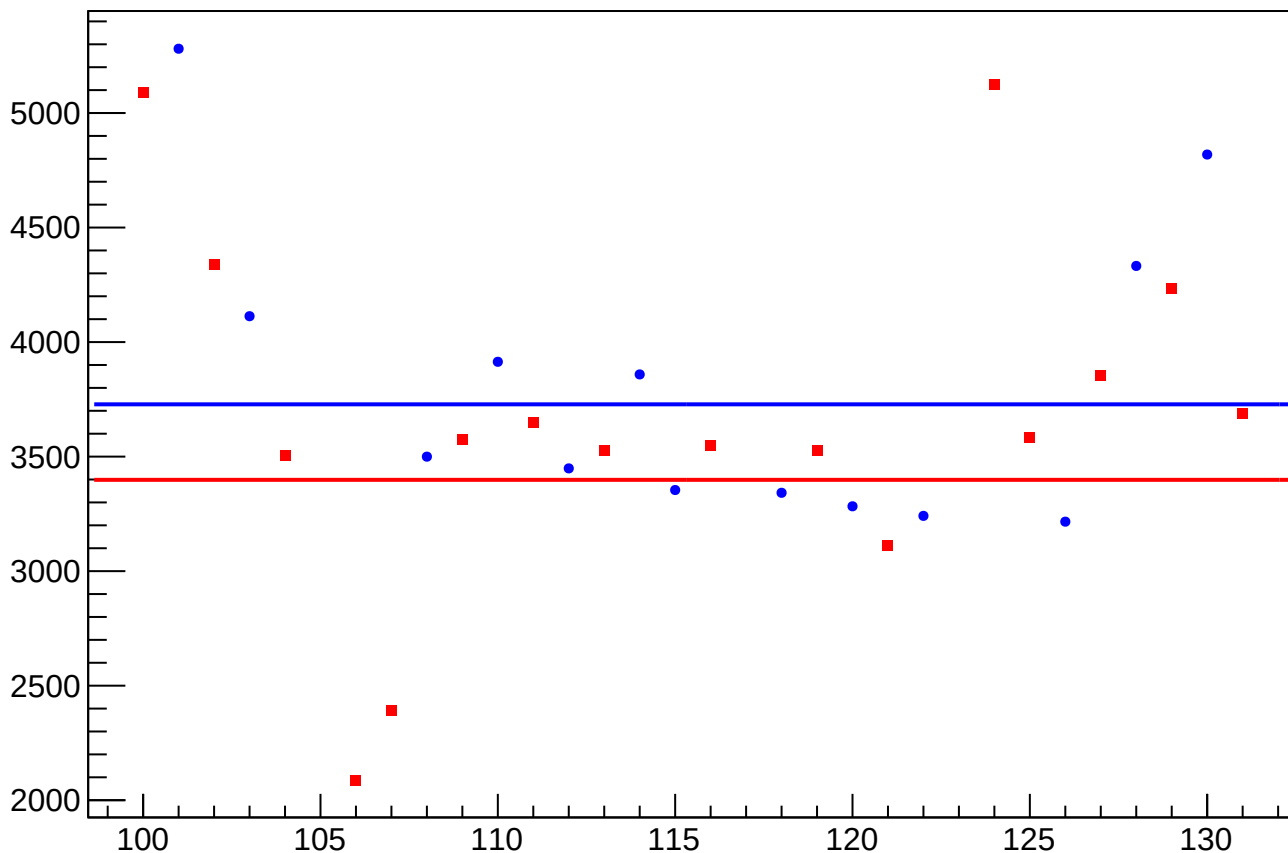
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.338+/-1064.855 χ^2/NDF : 24.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 3728.278+/-1.140 χ^2/NDF : 278567.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

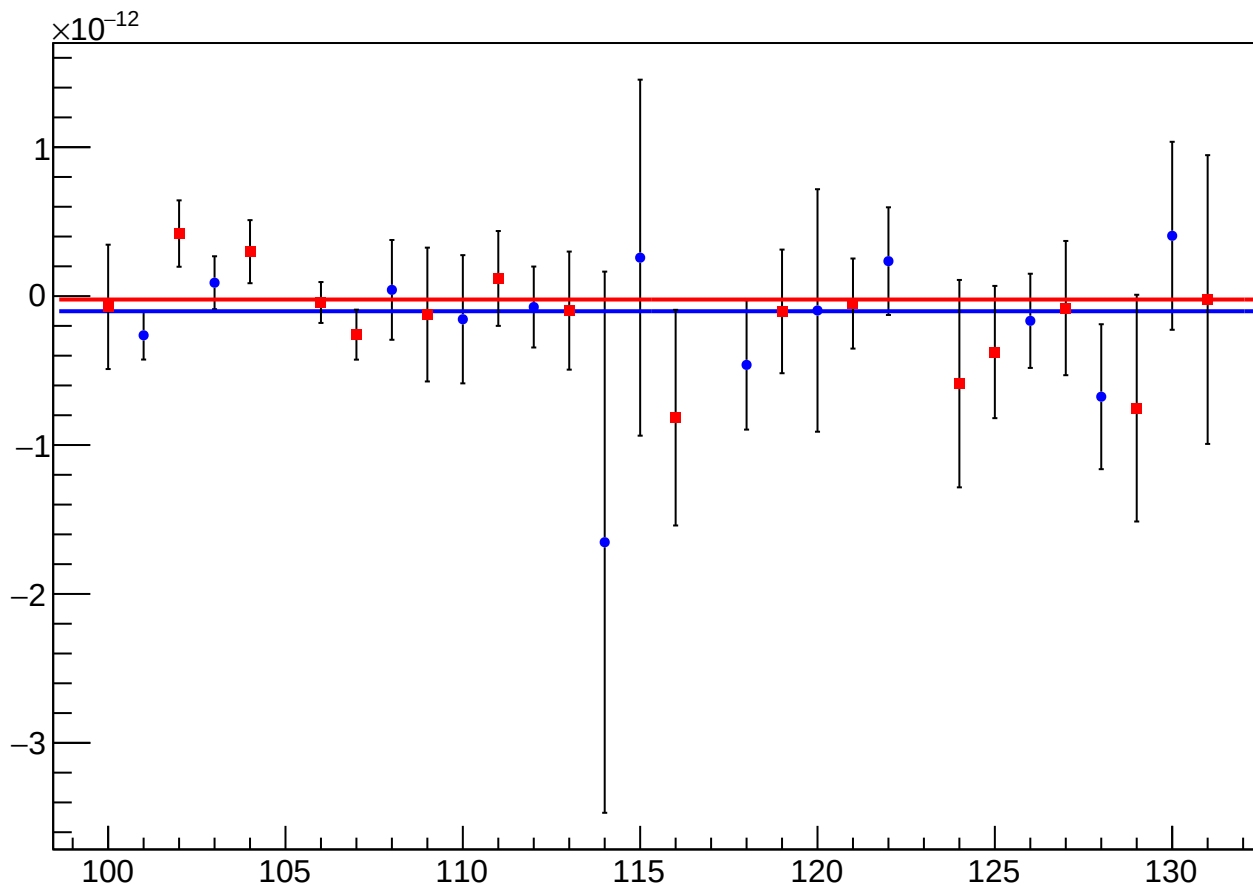
Right Out: 3398.584+/-0.987 χ^2/NDF : 446719.1/15

All: 3539.878+/-0.746 χ^2/NDF : 773069.0/28

- 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 : 6.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.0/15

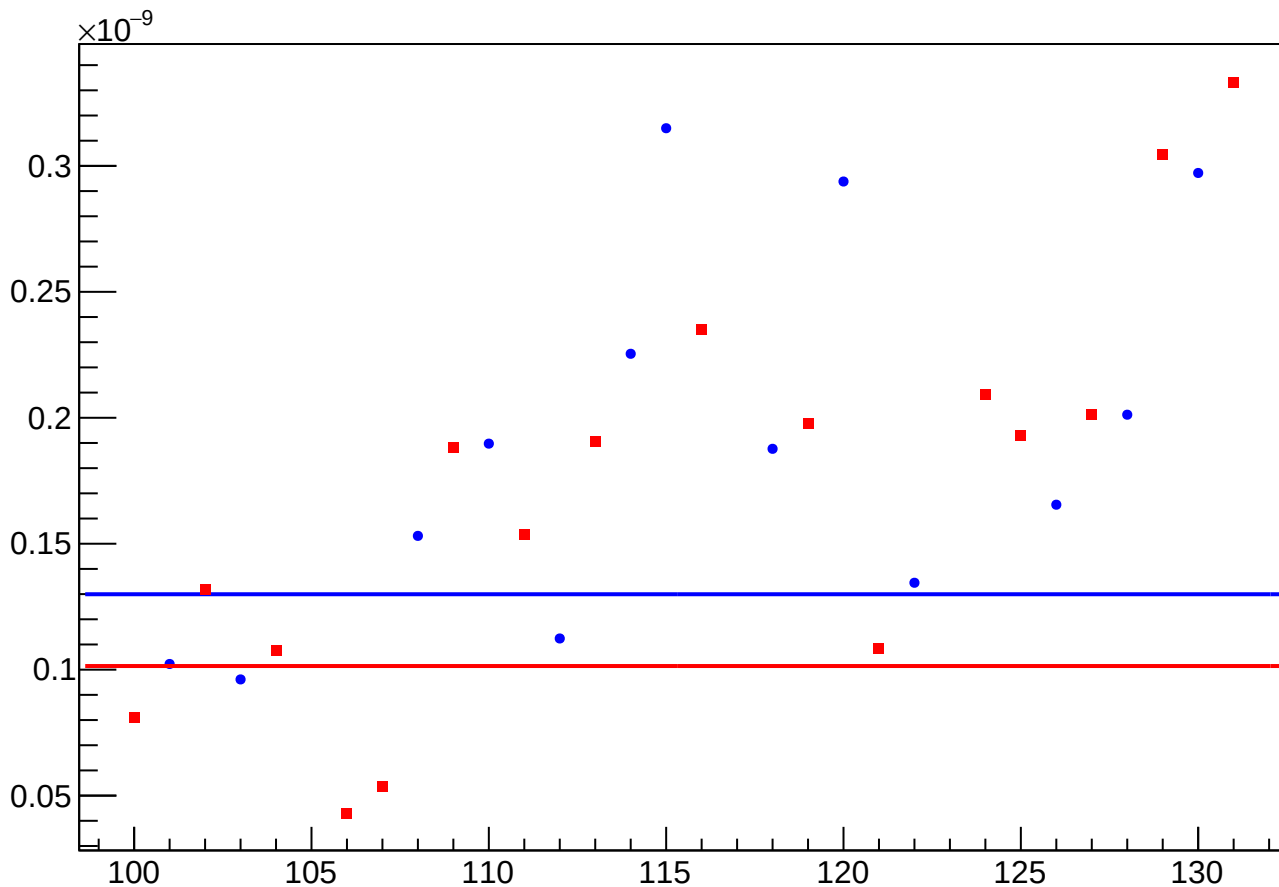
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 565316.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1464686.4/15

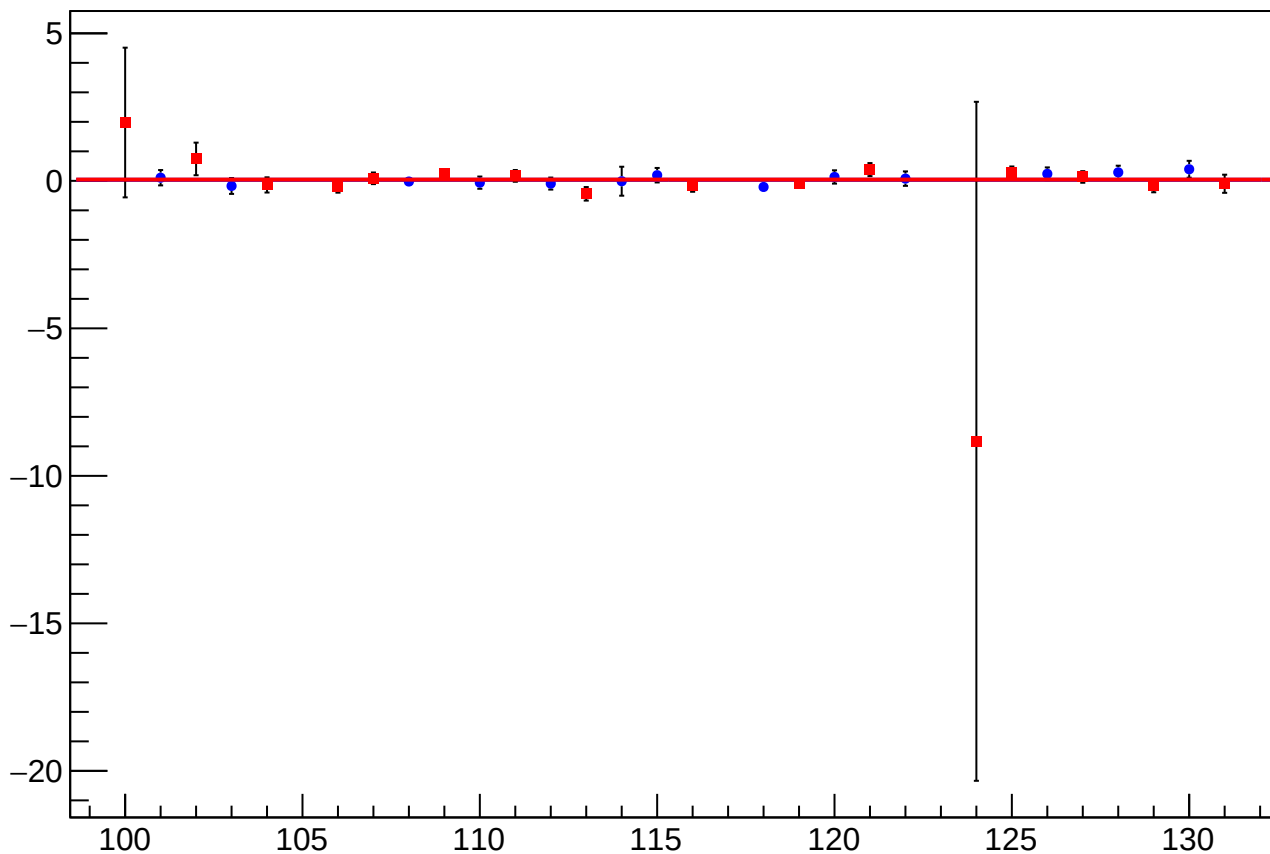
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2155387.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.035 $\pm$ 0.062 χ^2 /NDF: 7.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.042 $\pm$ 0.056 χ^2 /NDF: 18.2/15

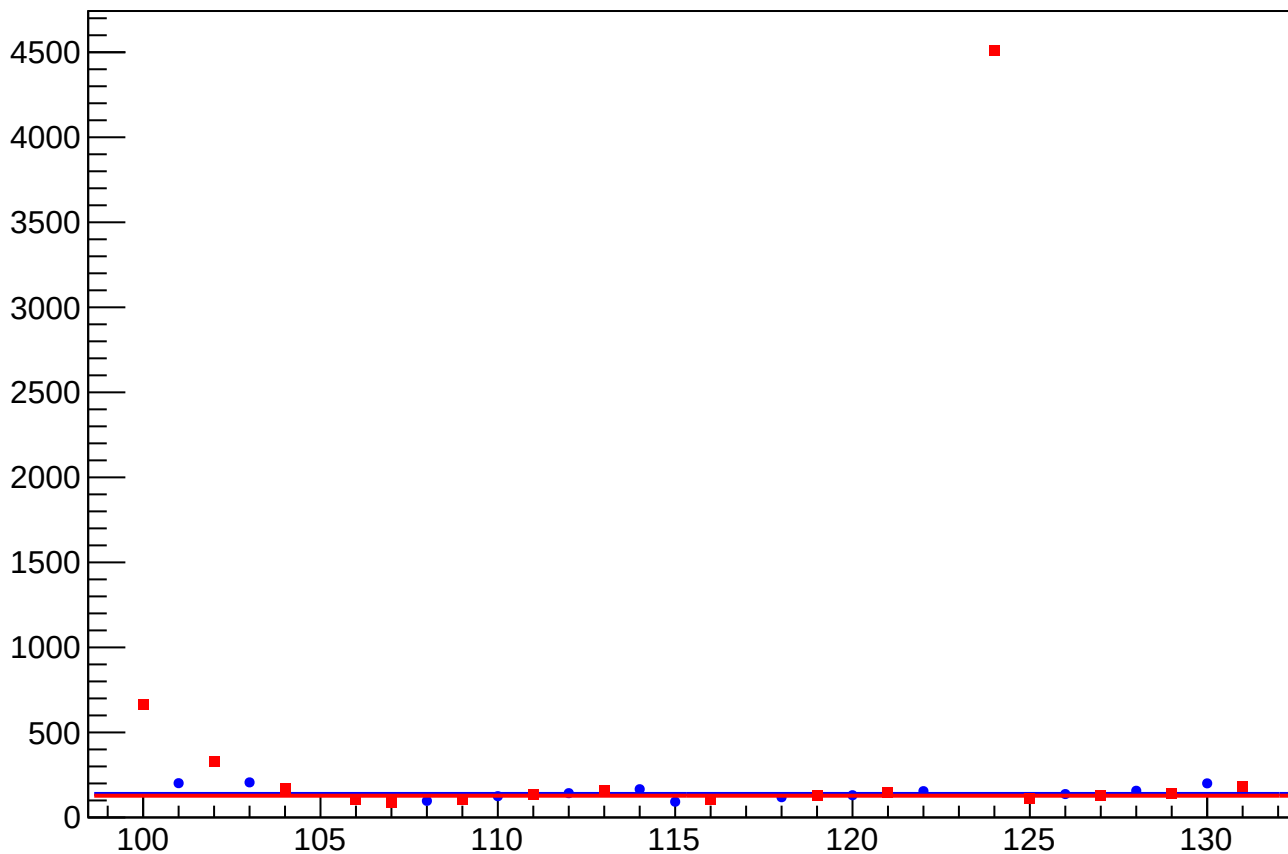
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.039 $\pm$ 0.042 χ^2 /NDF: 26.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_rms vs Slug



Right In: 138.180+/-0.044 χ^2/NDF : 607435.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.898+/-0.040 χ^2/NDF : 986235.7/15

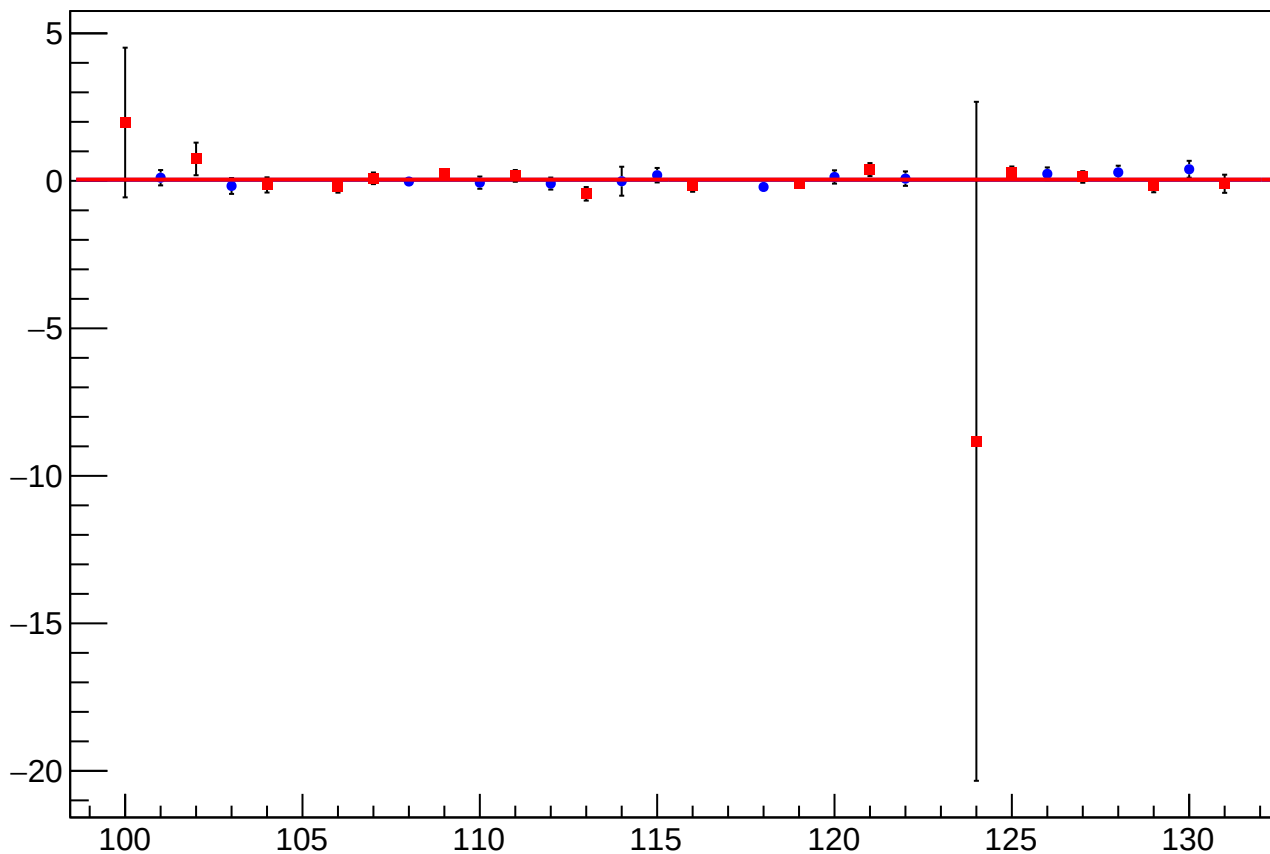
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.551+/-0.029 χ^2/NDF : 1624041.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.035 $\pm$ 0.062 χ^2 /NDF: 7.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.042 $\pm$ 0.056 χ^2 /NDF: 18.2/15

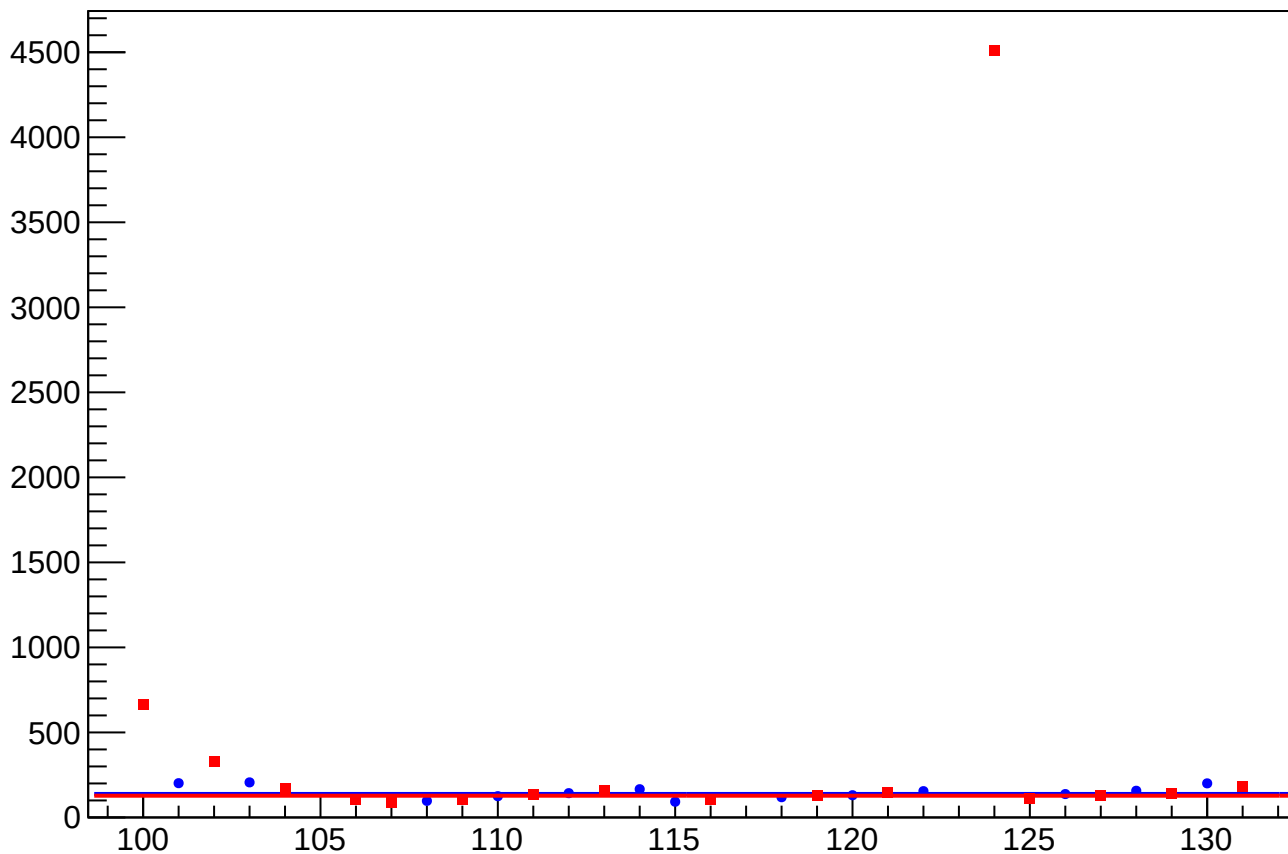
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.039 $\pm$ 0.042 χ^2 /NDF: 26.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 138.180+/-0.044 χ^2/NDF : 607435.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.898+/-0.040 χ^2/NDF : 986235.7/15

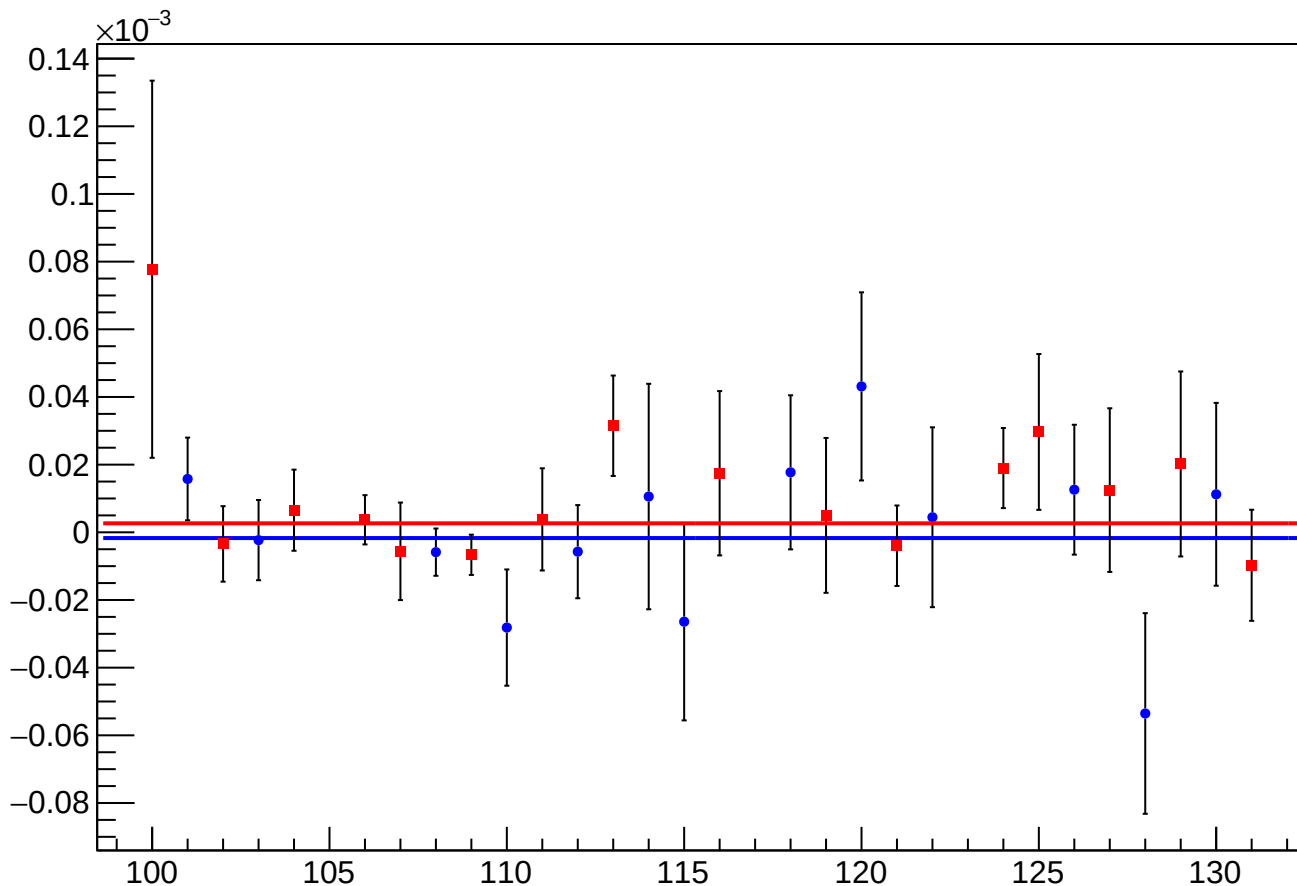
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

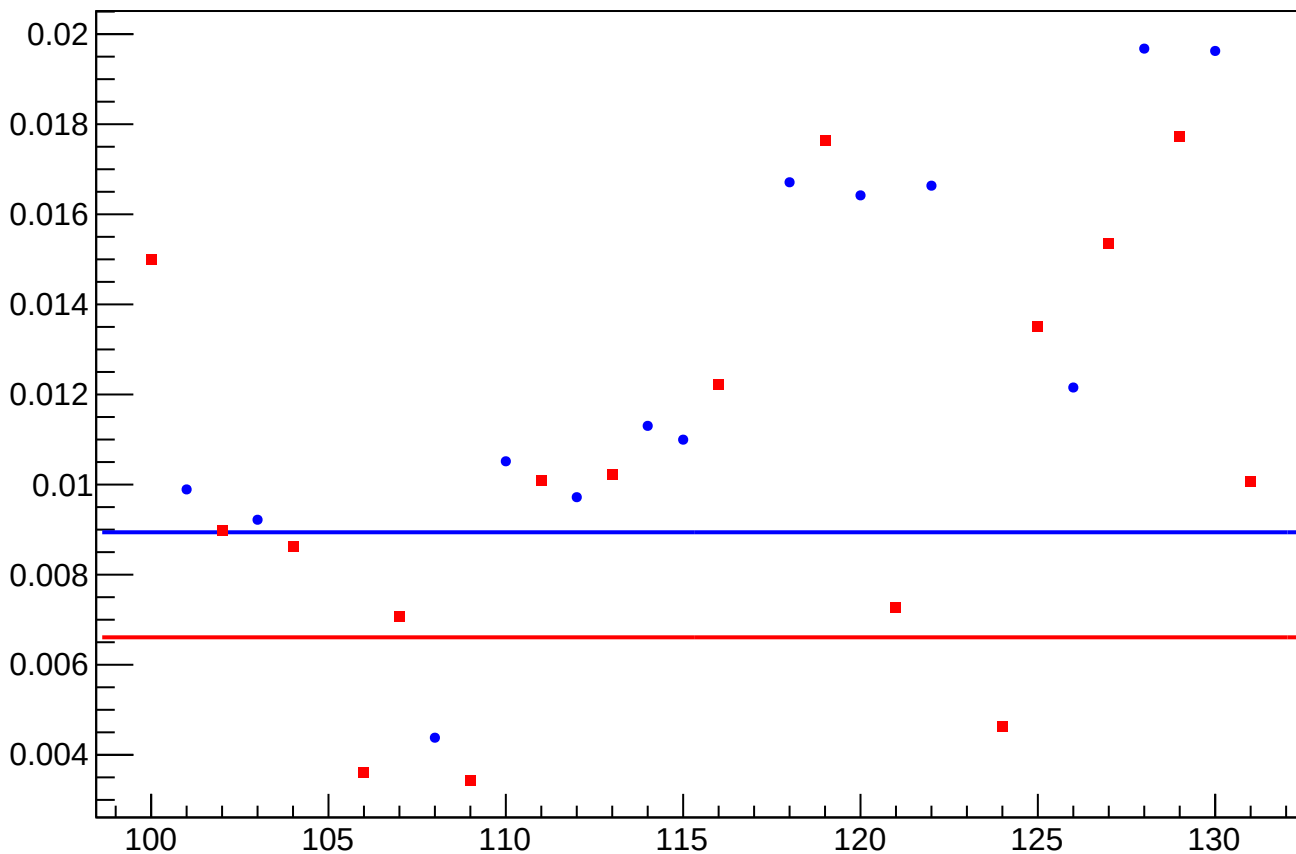
All: 132.551+/-0.029 χ^2/NDF : 1624041.7/28

- 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



asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.009+/-0.000 χ^2/NDF : 2085354.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 2821437.5/15

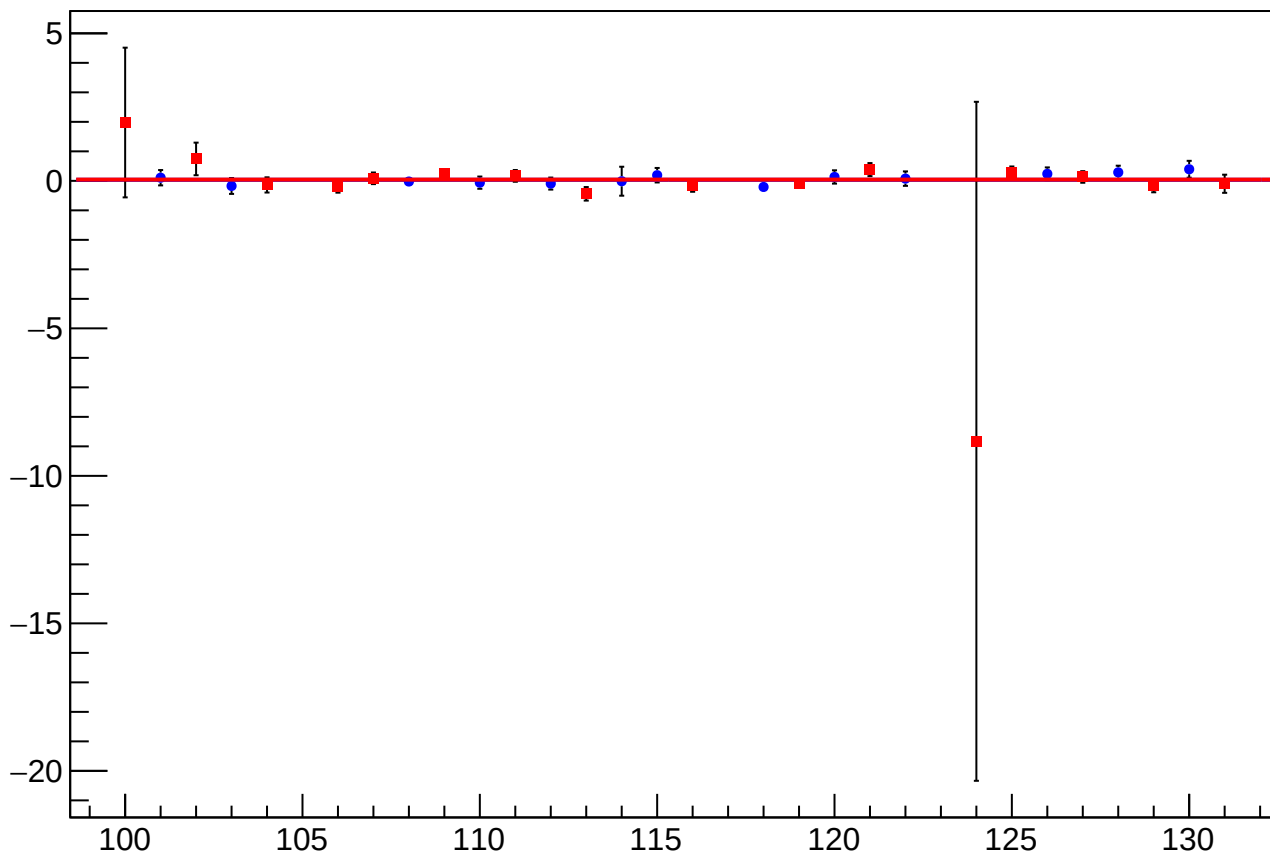
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 5295802.5/28

- 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: 0.035 $\pm$ 0.062 χ^2 /NDF: 7.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.042 $\pm$ 0.056 χ^2 /NDF: 18.2/15

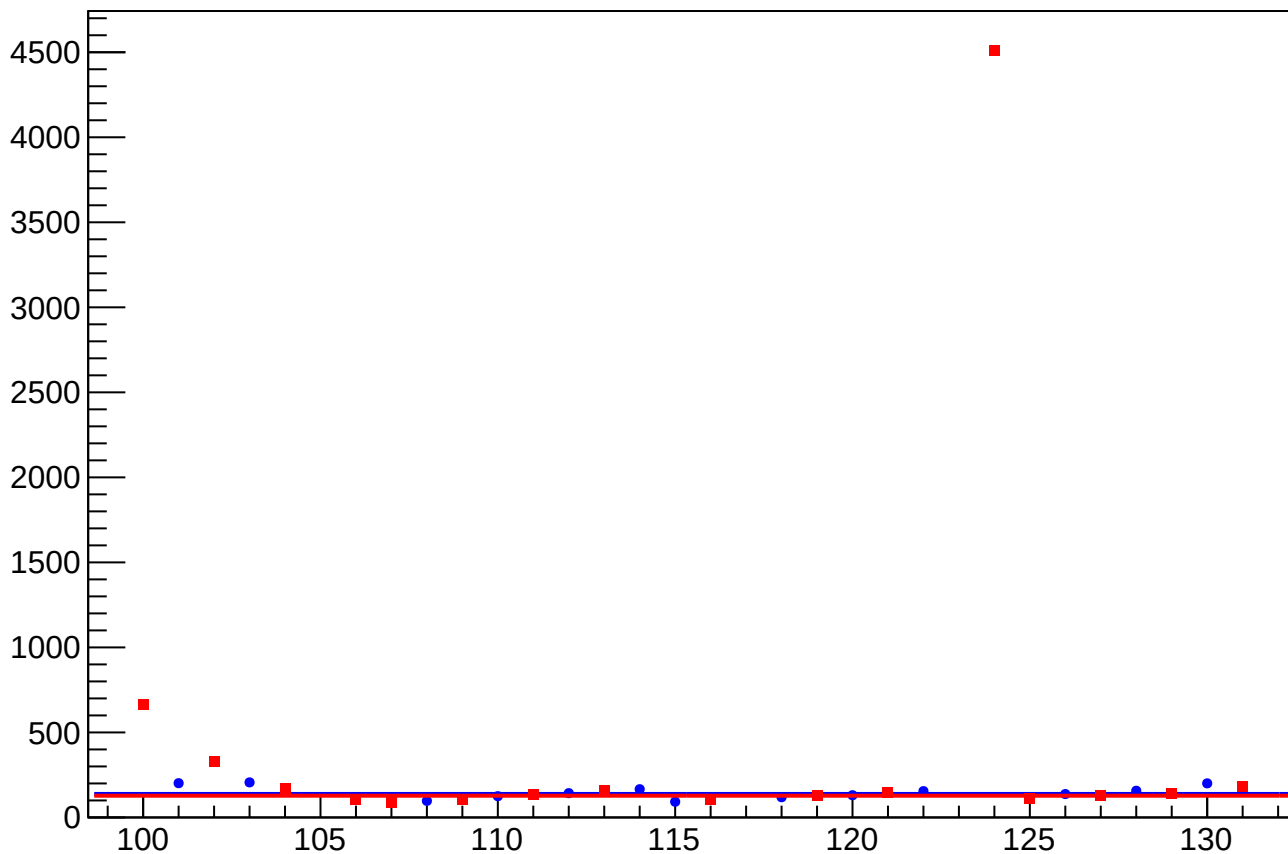
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.039 $\pm$ 0.042 χ^2 /NDF: 26.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 138.180+/-0.044 χ^2/NDF : 607359.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.900+/-0.040 χ^2/NDF : 986165.7/15

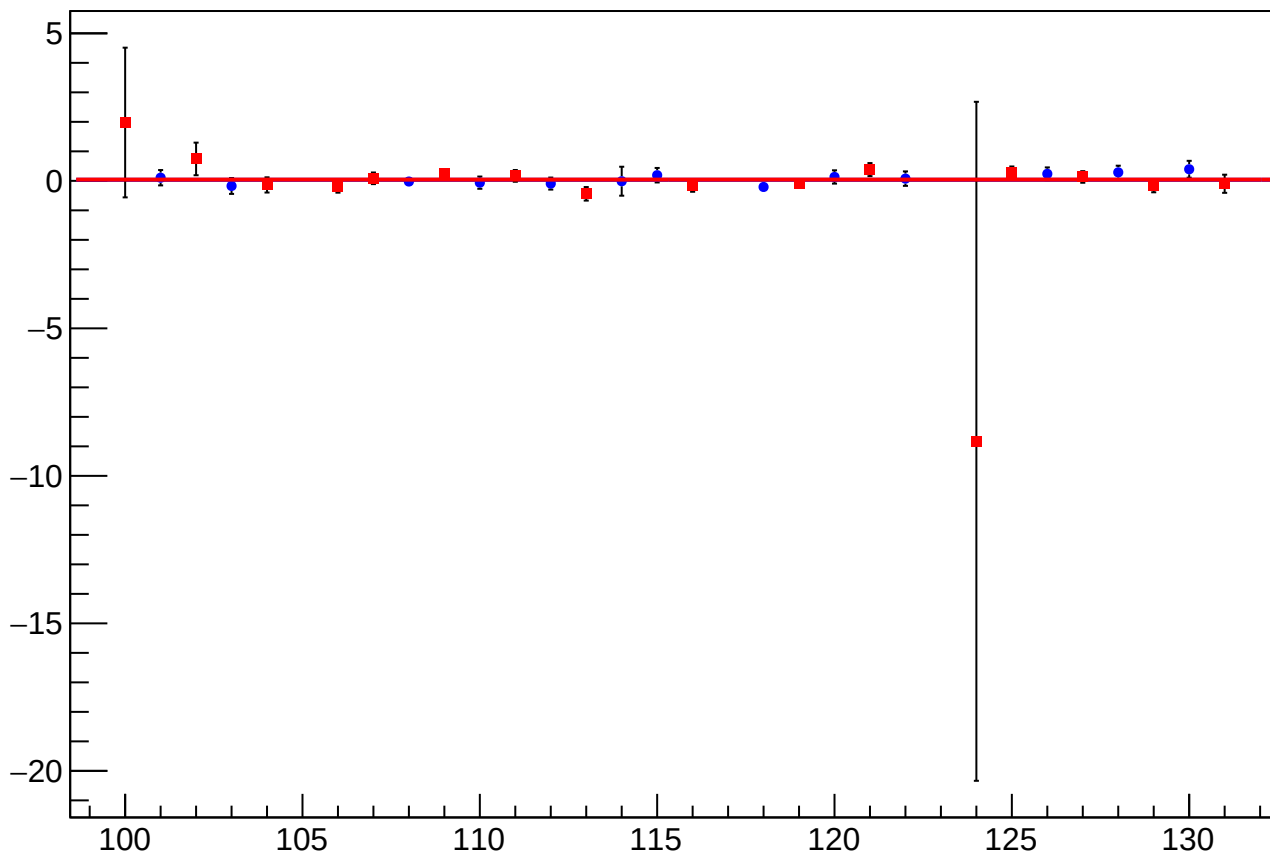
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.552+/-0.029 χ^2/NDF : 1623887.4/28

- 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: 0.035 $\pm$ 0.062 χ^2 /NDF: 7.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.042 $\pm$ 0.056 χ^2 /NDF: 18.2/15

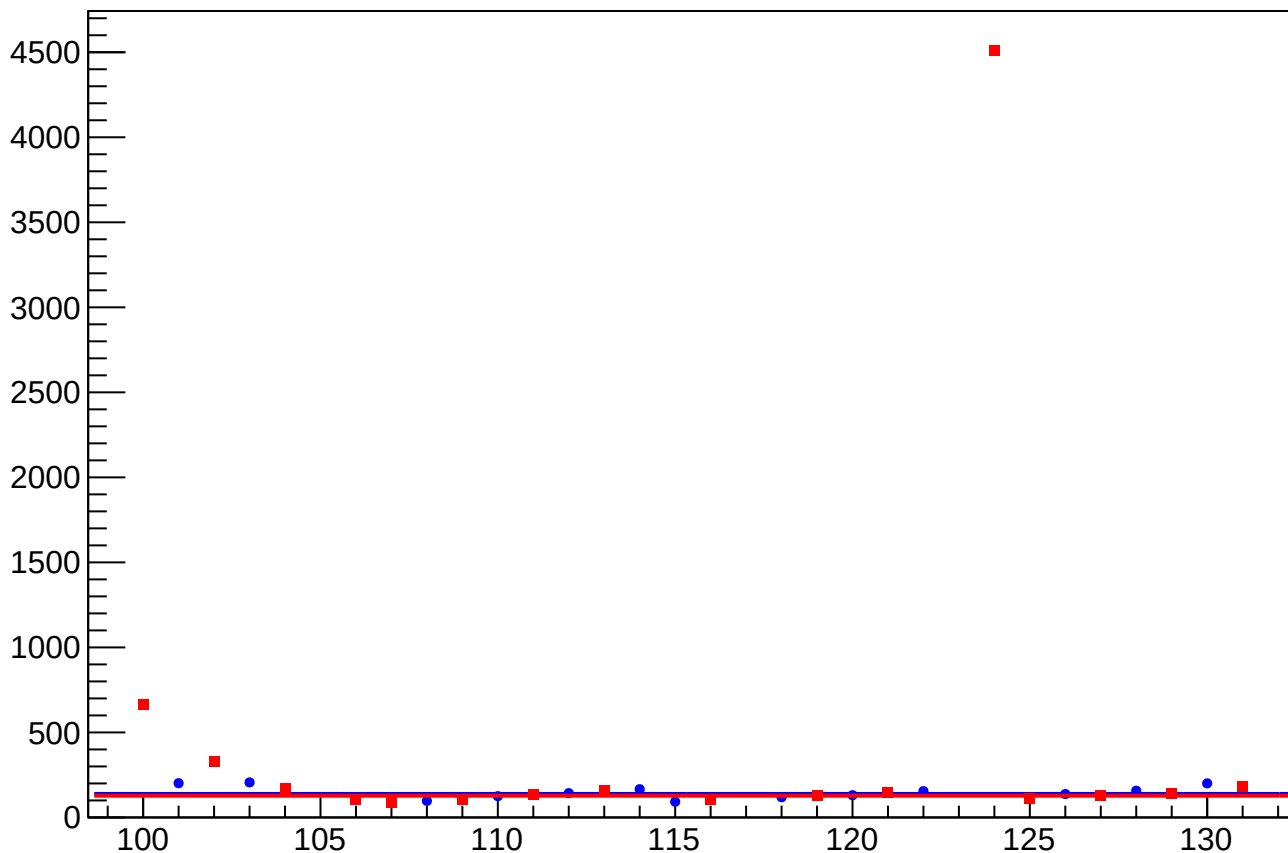
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.039 $\pm$ 0.042 χ^2 /NDF: 26.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 138.180+/-0.044 χ^2/NDF : 607359.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.900+/-0.040 χ^2/NDF : 986165.7/15

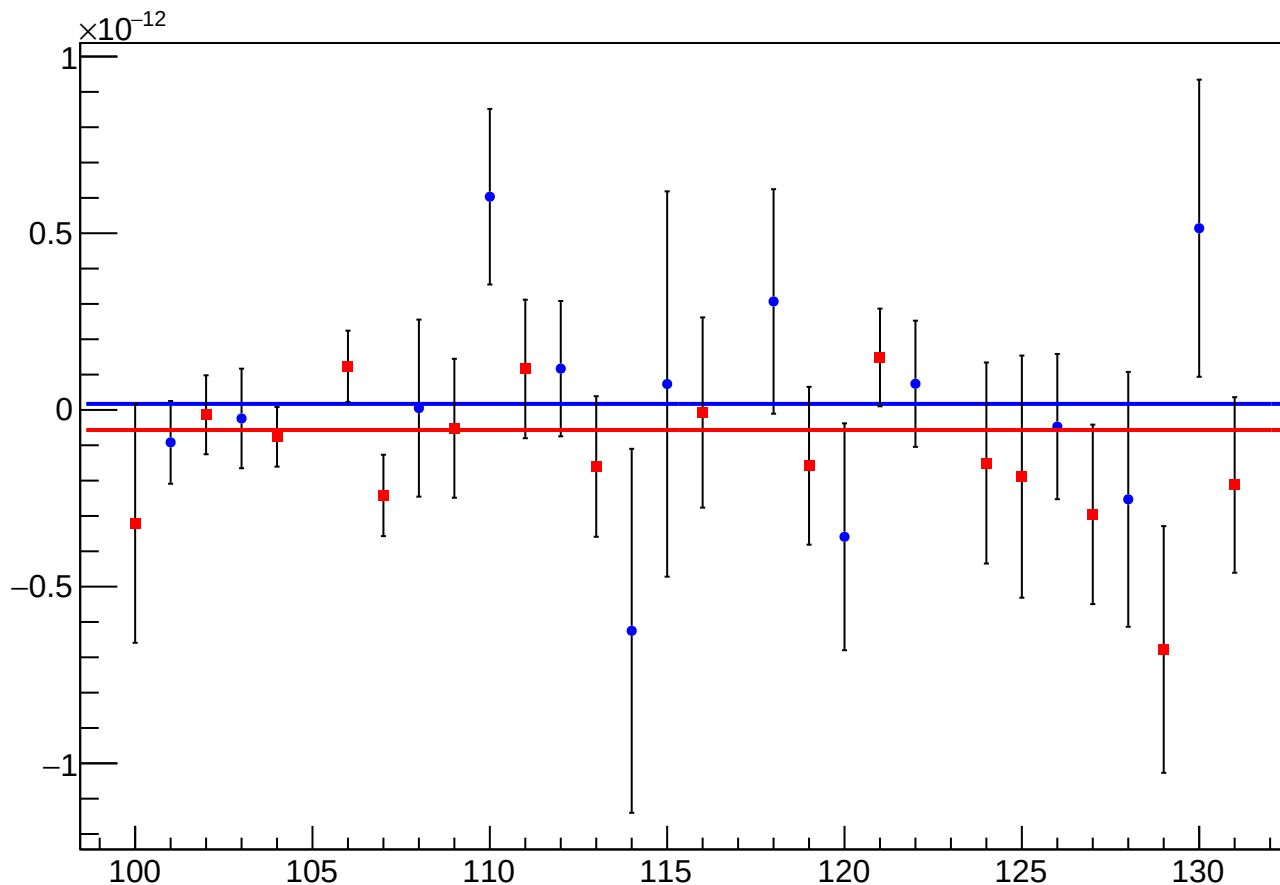
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.552+/-0.029 χ^2/NDF : 1623887.4/28

- 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 : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.8/15

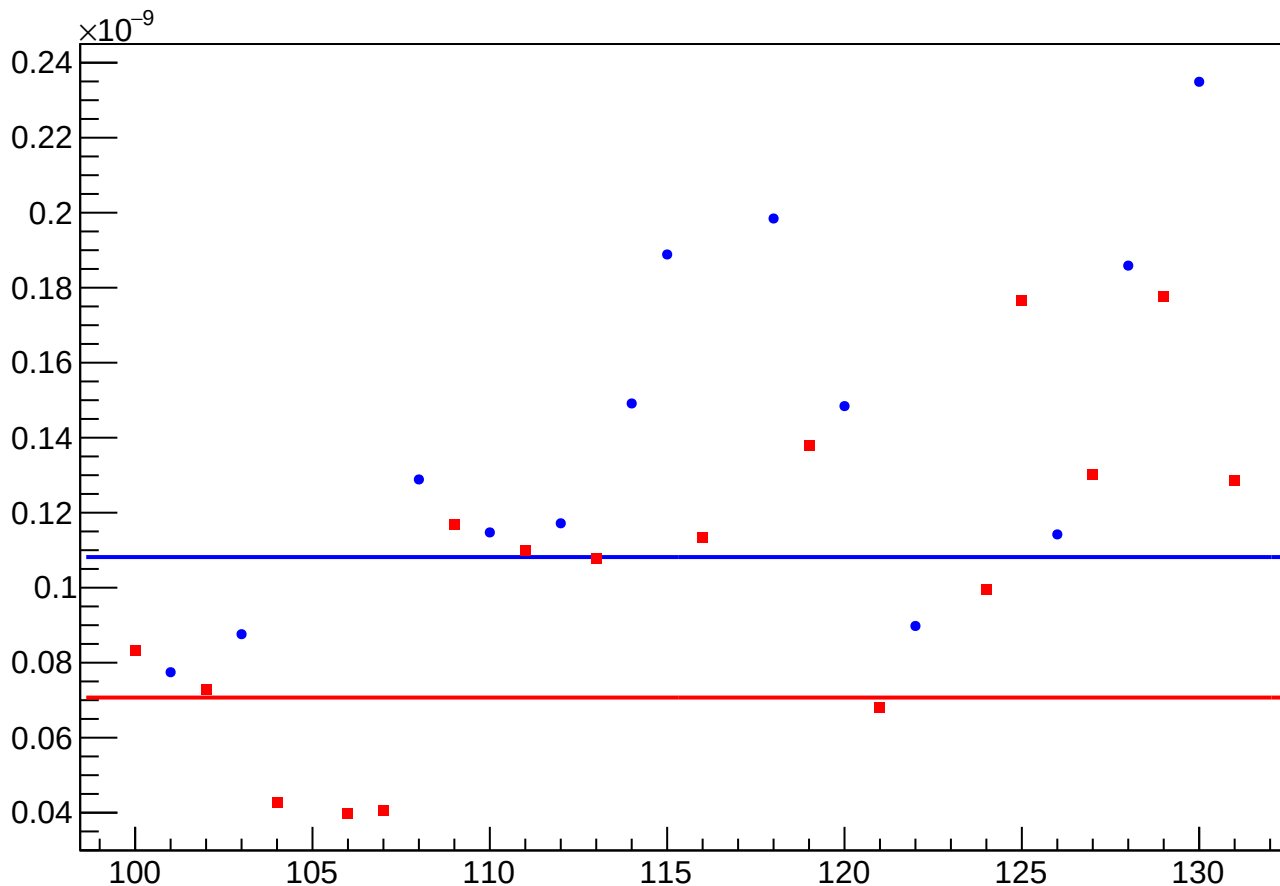
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.6/28

- 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+/-0.000 χ^2/NDF : 746722.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1655056.2/15

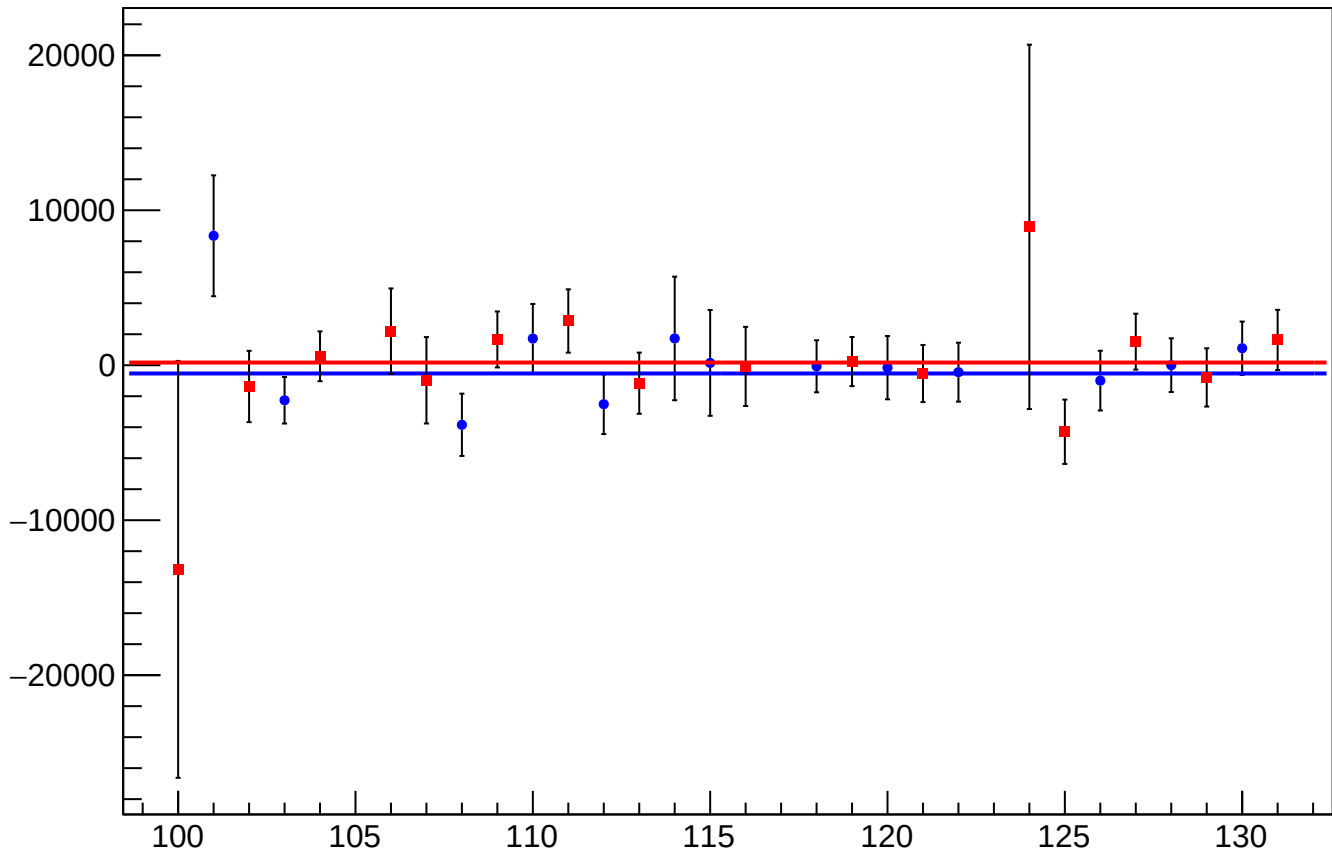
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2942370.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -531.995+/-560.180 χ^2 /NDF: 12.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 173.251+/-528.071 χ^2 /NDF: 11.8/15

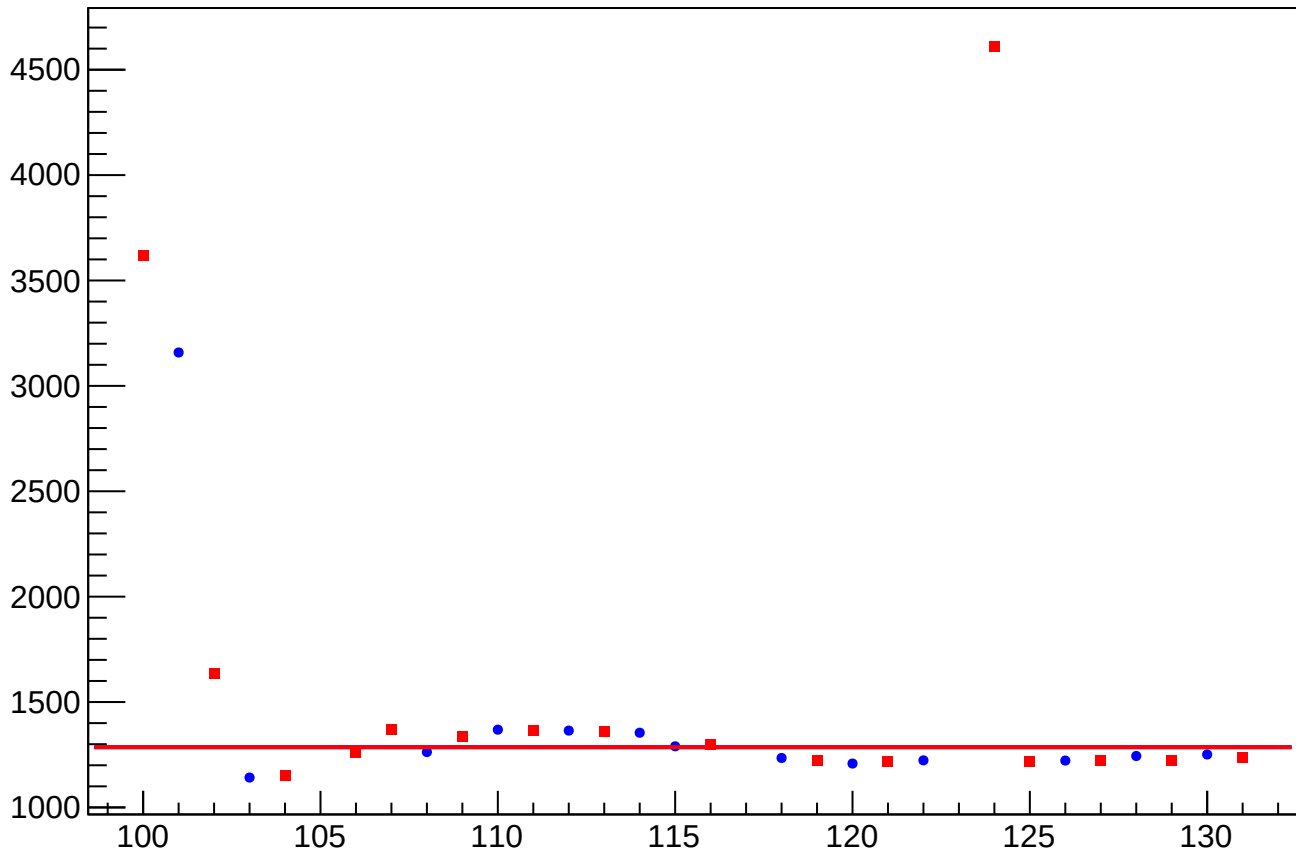
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -158.581+/-384.253 χ^2 /NDF: 25.5/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1285.613+/-0.396 χ^2/NDF : 497502.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

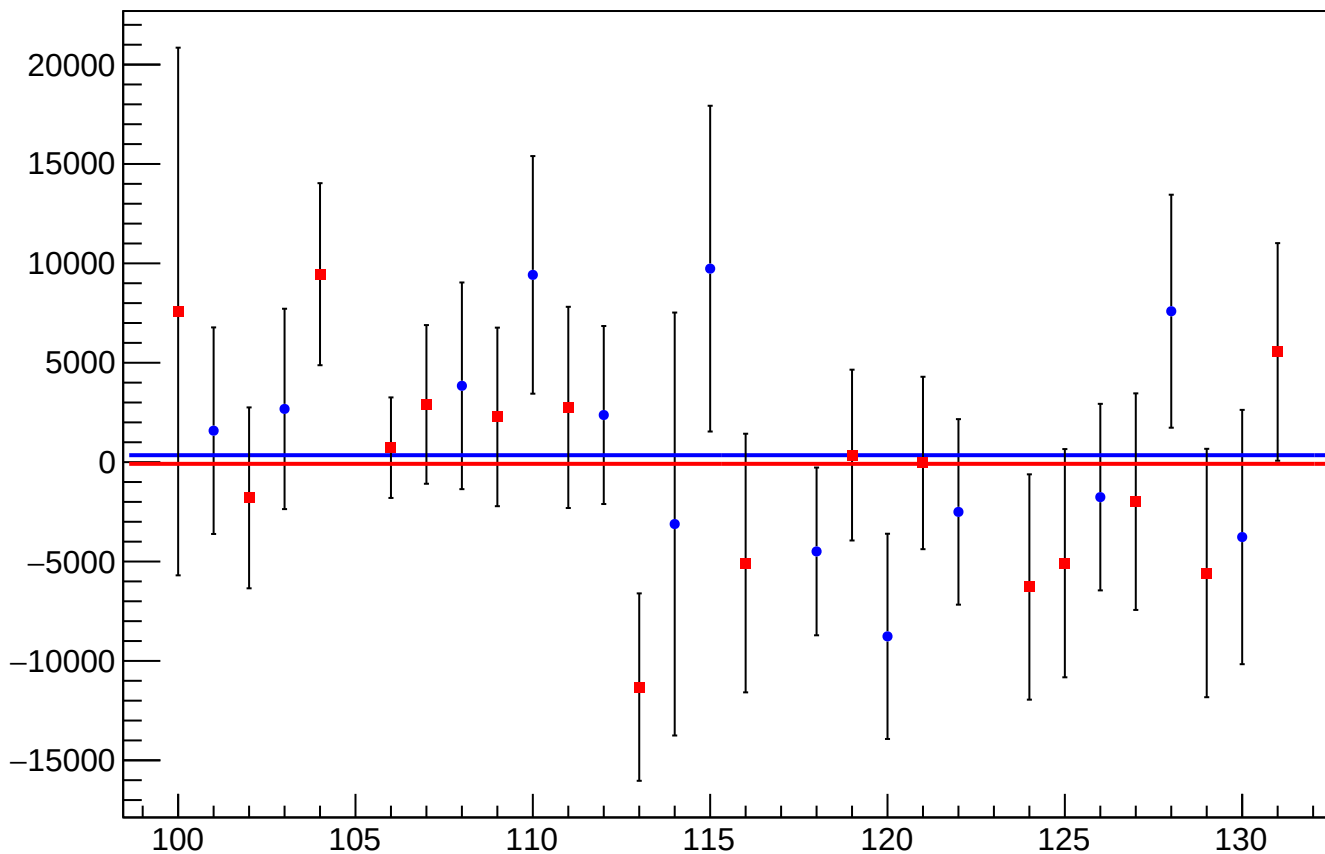
Right Out: 1285.946+/-0.372 χ^2/NDF : 303955.1/15

All: 1285.790+/-0.271 χ^2/NDF : 801458.4/28

- 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_correction_mean vs Slug



Right In: 349.586 $\pm$ 1484.807 χ^2 /NDF: 11.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -85.501 $\pm$ 1162.841 χ^2 /NDF: 16.3/15

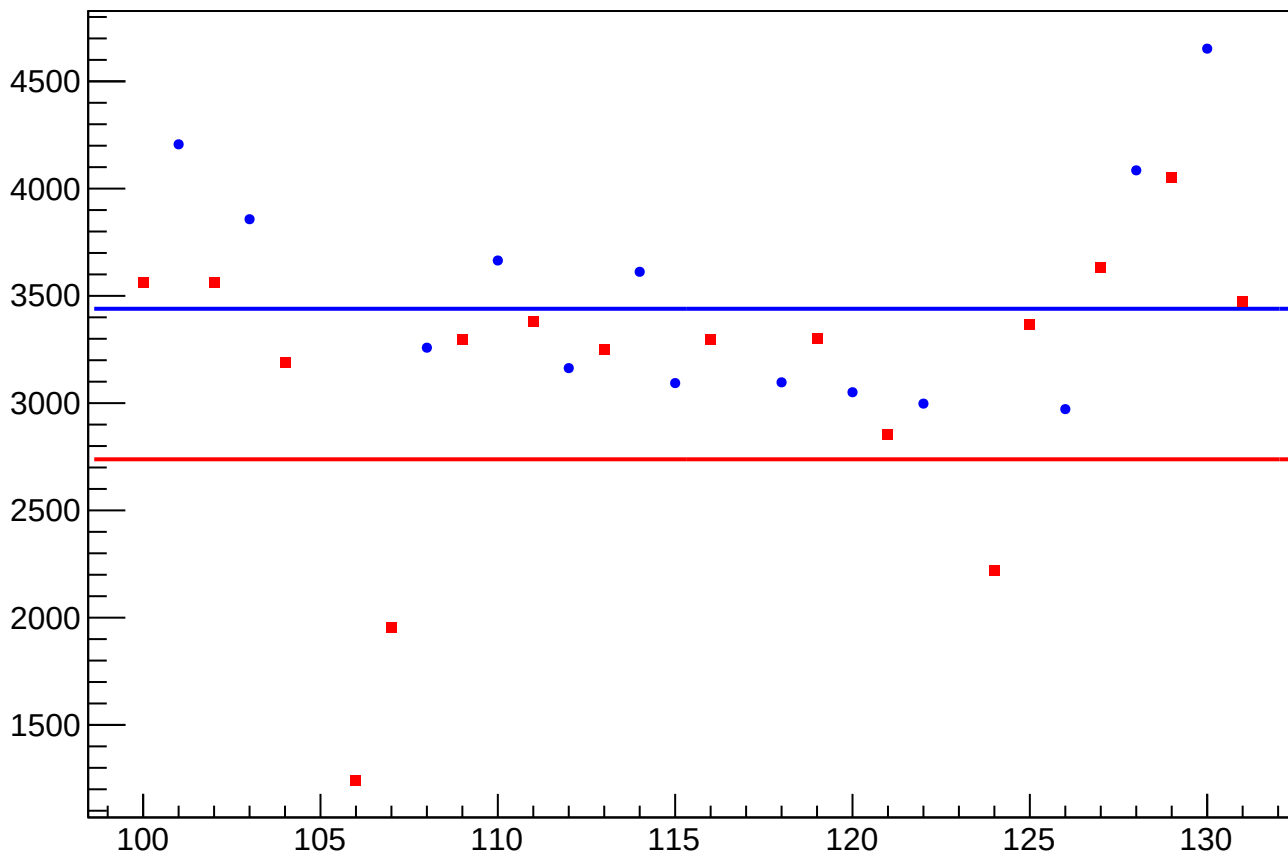
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 79.905 $\pm$ 915.498 χ^2 /NDF: 27.9/28

- 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: 3439.858+/-1.050 χ^2/NDF : 232755.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

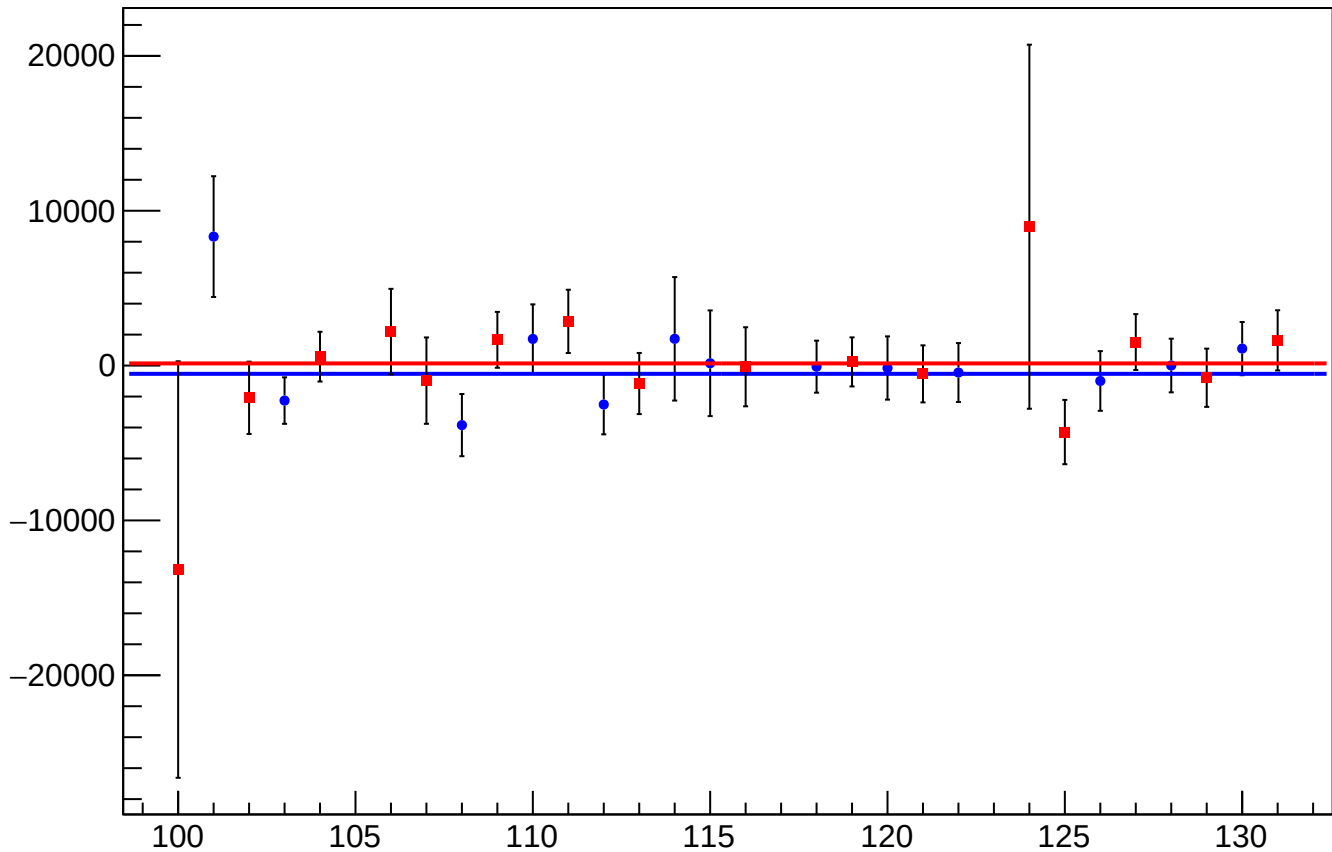
Right Out: 2738.152+/-0.822 χ^2/NDF : 1226964.6/15

All: 3004.917+/-0.647 χ^2/NDF : 1736589.5/28

- 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: -532.482+/-560.180 χ^2 /NDF: 12.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 139.394+/-528.482 χ^2 /NDF: 12.3/15

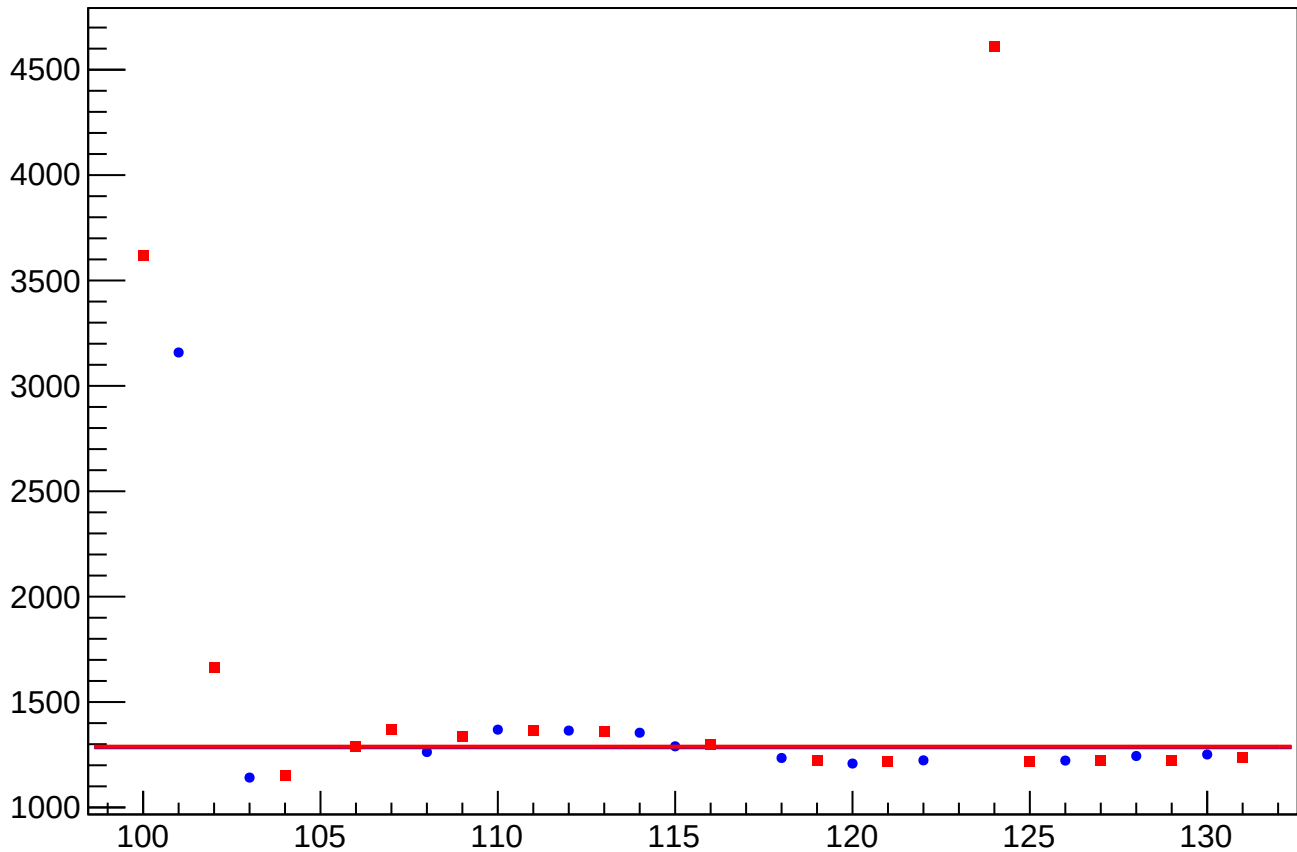
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -176.998+/-384.411 χ^2 /NDF: 25.8/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1285.613+/-0.396 χ^2/NDF : 497504.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

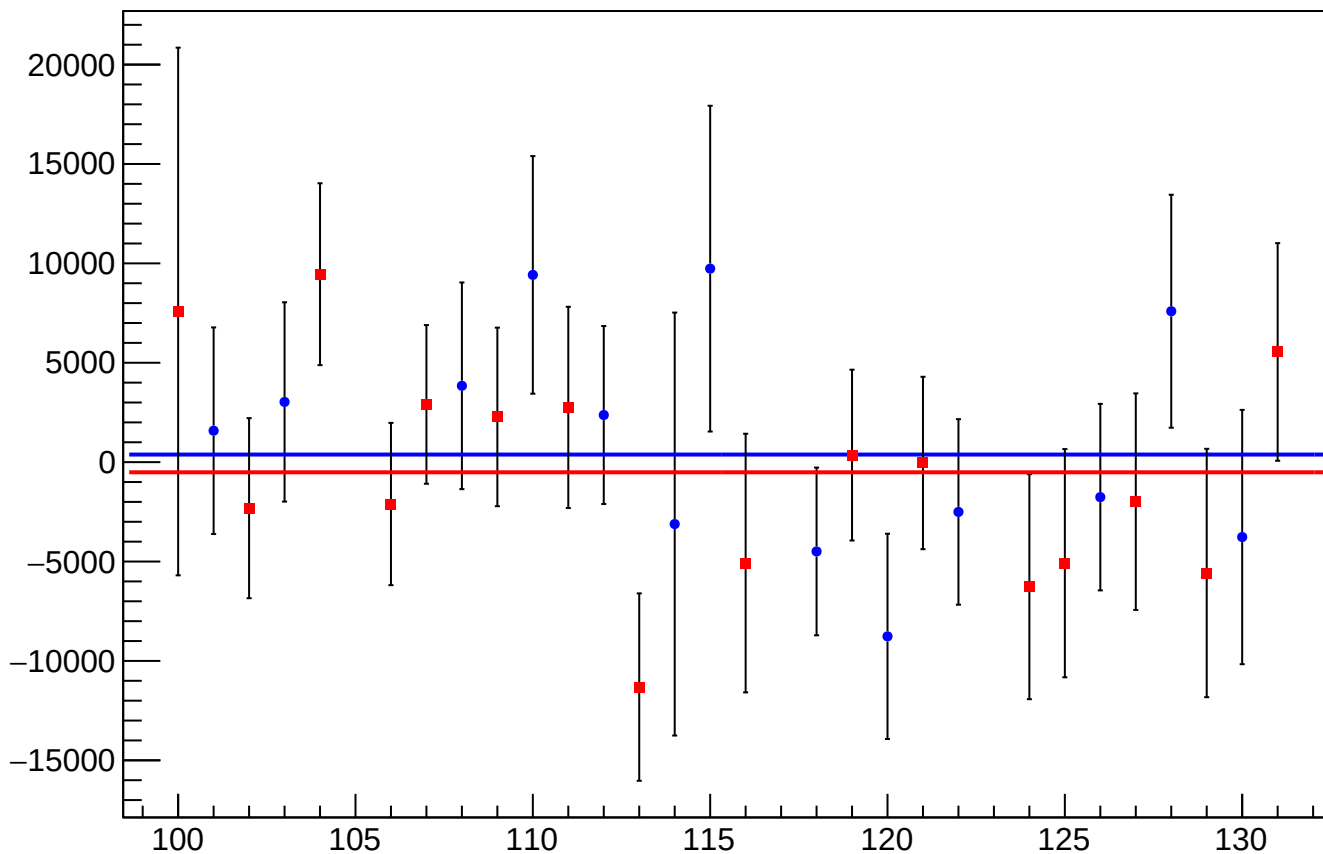
Right Out: 1288.280+/-0.373 χ^2/NDF : 310914.0/15

All: 1287.027+/-0.272 χ^2/NDF : 808442.3/28

- 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_cor_correction_mean vs Slug



Right In: 382.266 $\pm$ 1484.167 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -510.547 $\pm$ 1246.284 χ^2 /NDF: 16.4/15

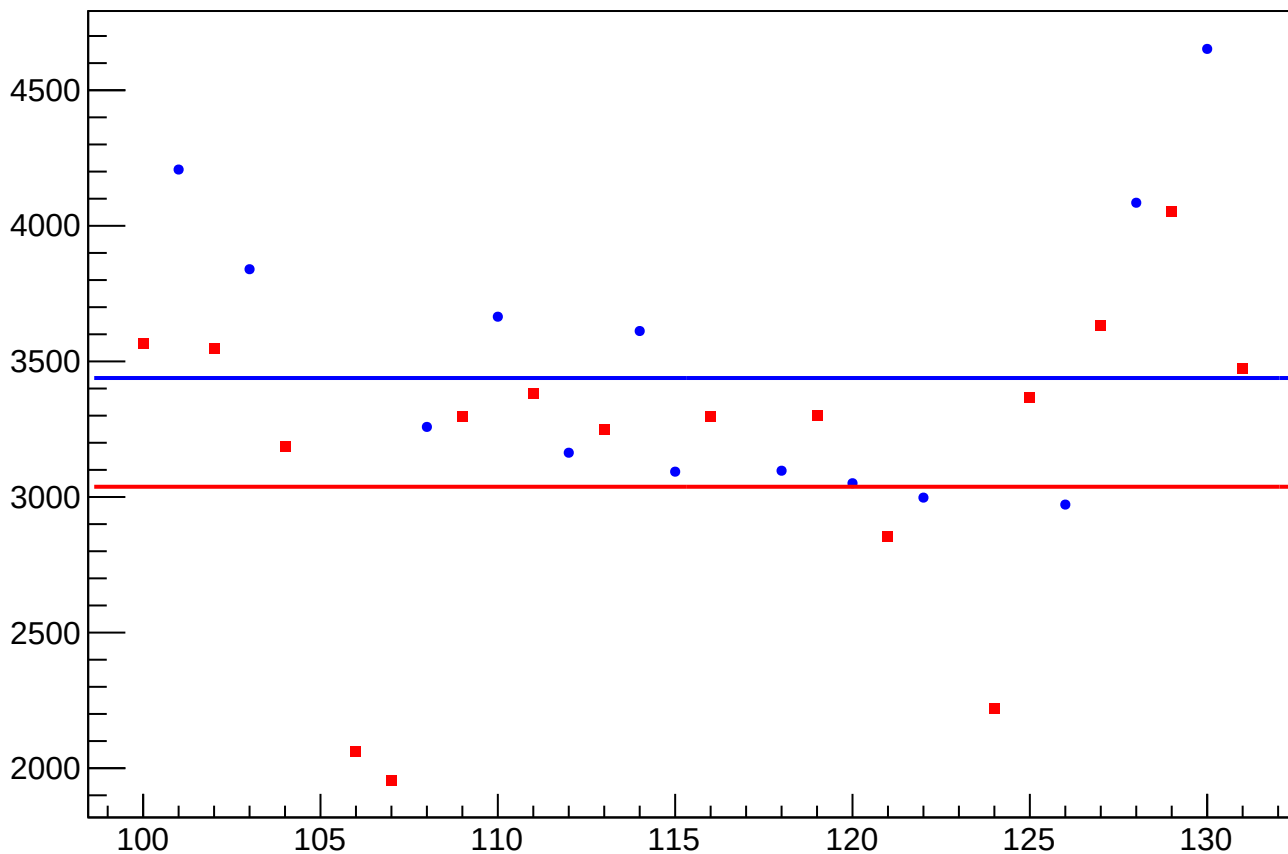
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -141.338 $\pm$ 954.417 χ^2 /NDF: 28.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_rms vs Slug



Right In: 3438.769+/-1.049 χ^2/NDF : 231876.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3037.788+/-0.881 χ^2/NDF : 464375.2/15

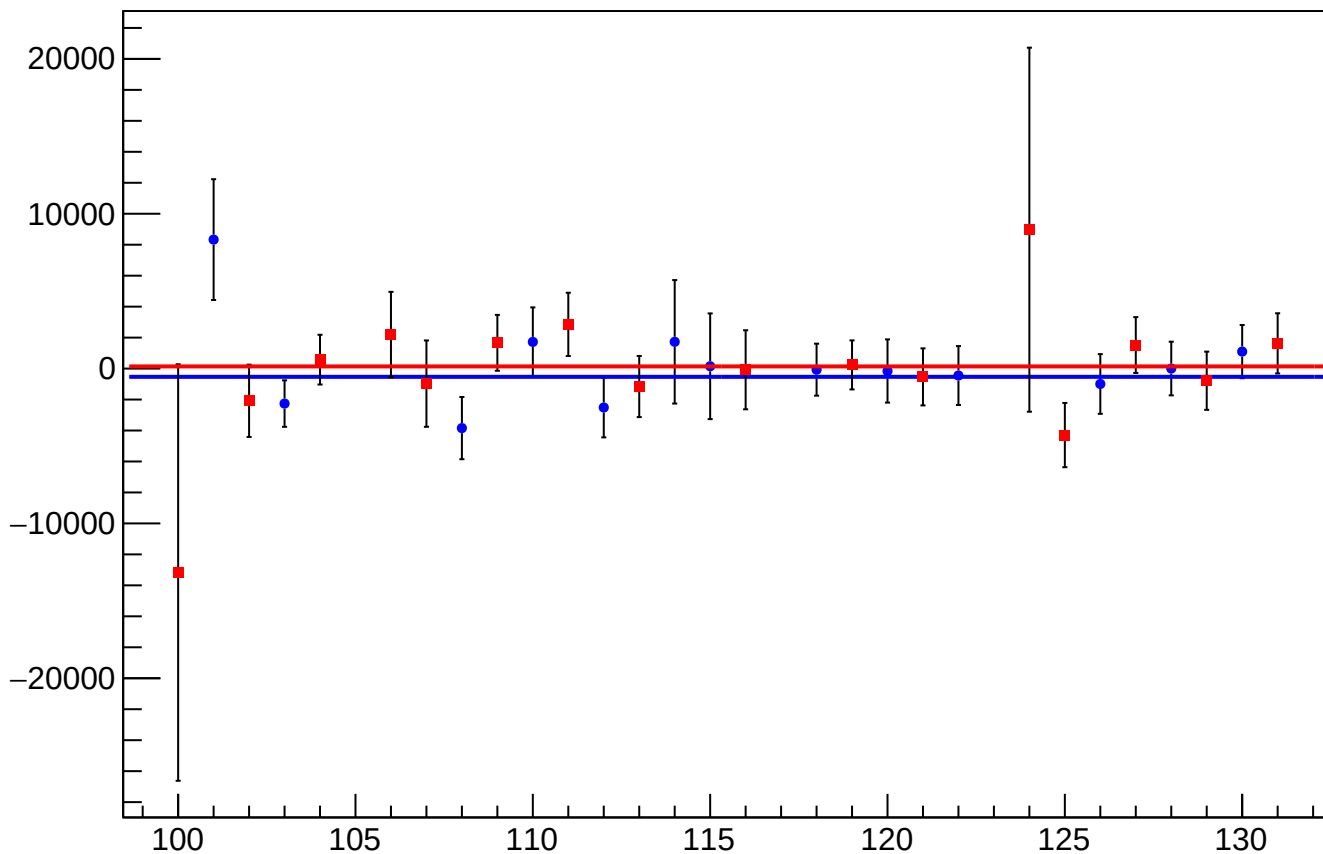
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3203.607+/-0.675 χ^2/NDF : 781867.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -532.482+/-560.180 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.394+/-528.482 χ^2/NDF : 12.3/15

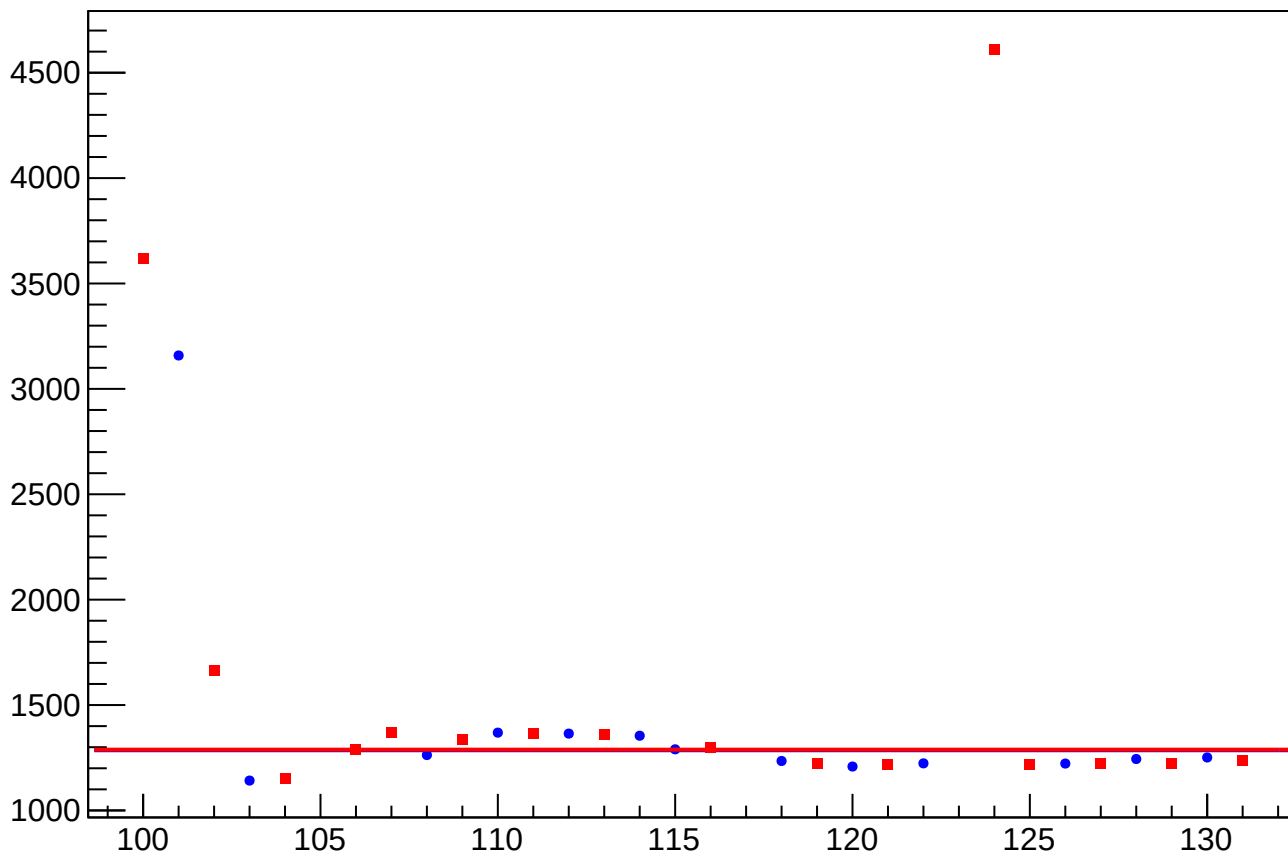
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -176.998+/-384.411 χ^2/NDF : 25.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1285.613+/-0.396 χ^2/NDF : 497504.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1288.280+/-0.373 χ^2/NDF : 310914.0/15

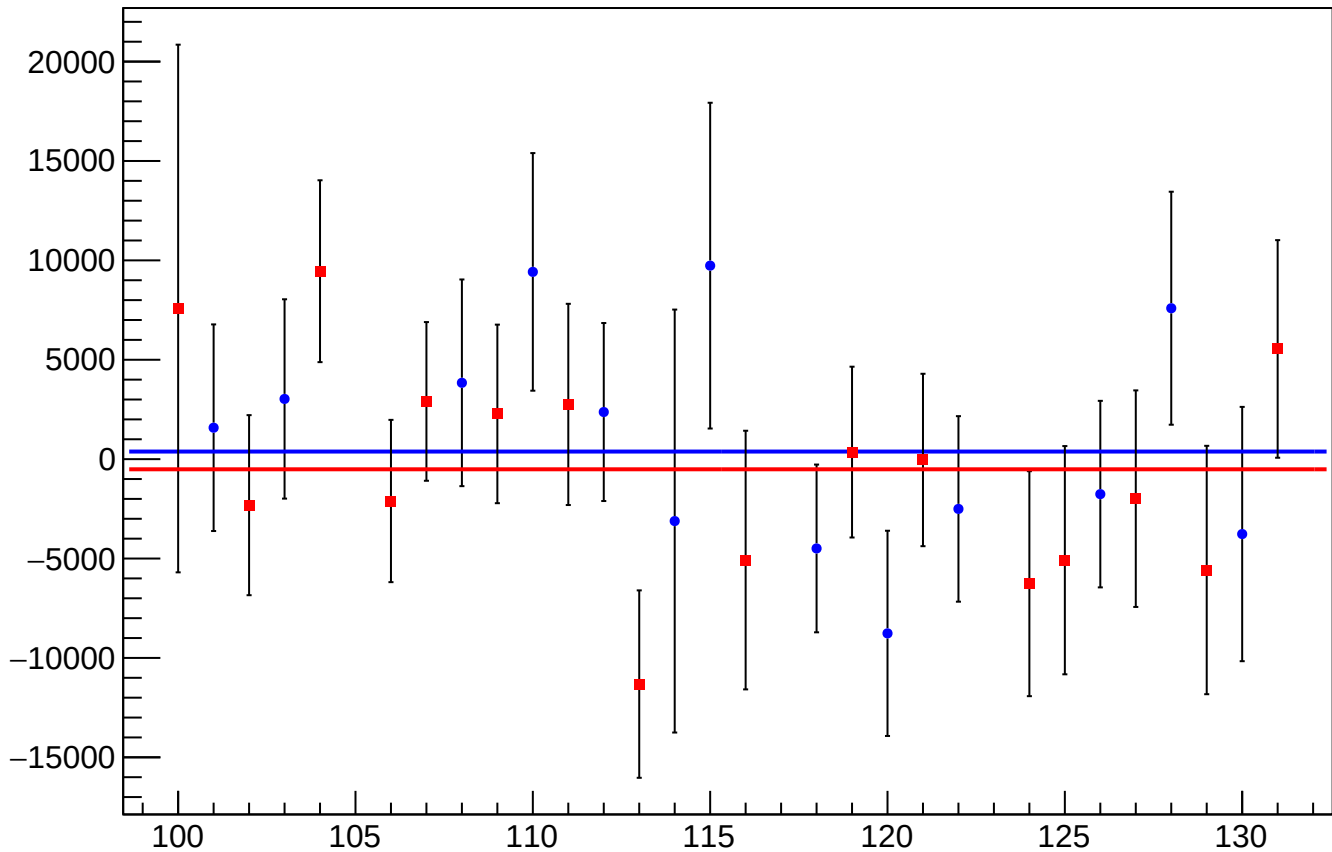
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1287.027+/-0.272 χ^2/NDF : 808442.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_mean vs Slug



Right In: 382.266 $\pm$ 1484.167 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -510.547 $\pm$ 1246.284 χ^2 /NDF: 16.4/15

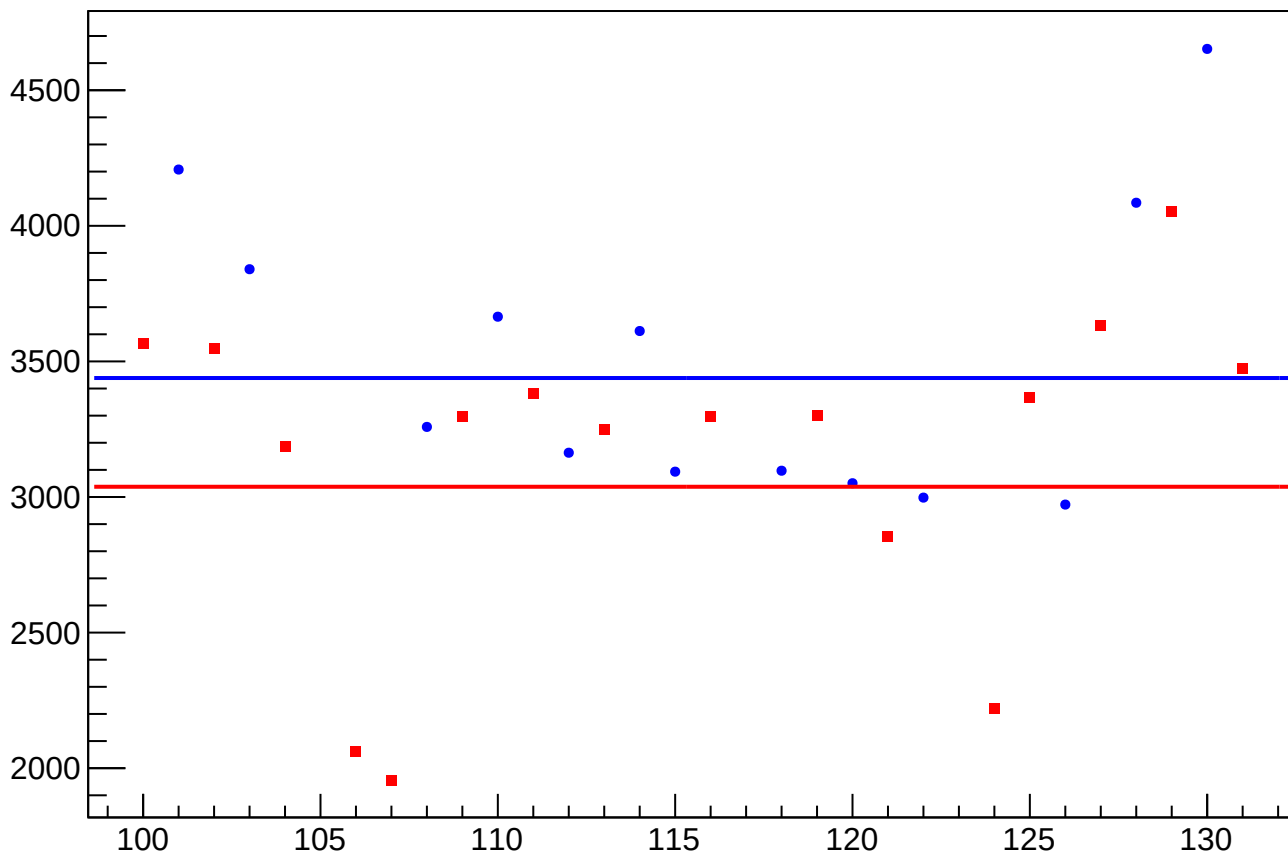
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -141.338 $\pm$ 954.417 χ^2 /NDF: 28.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_rms vs Slug



Right In: 3438.769+/-1.049 χ^2/NDF : 231876.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3037.788+/-0.881 χ^2/NDF : 464375.2/15

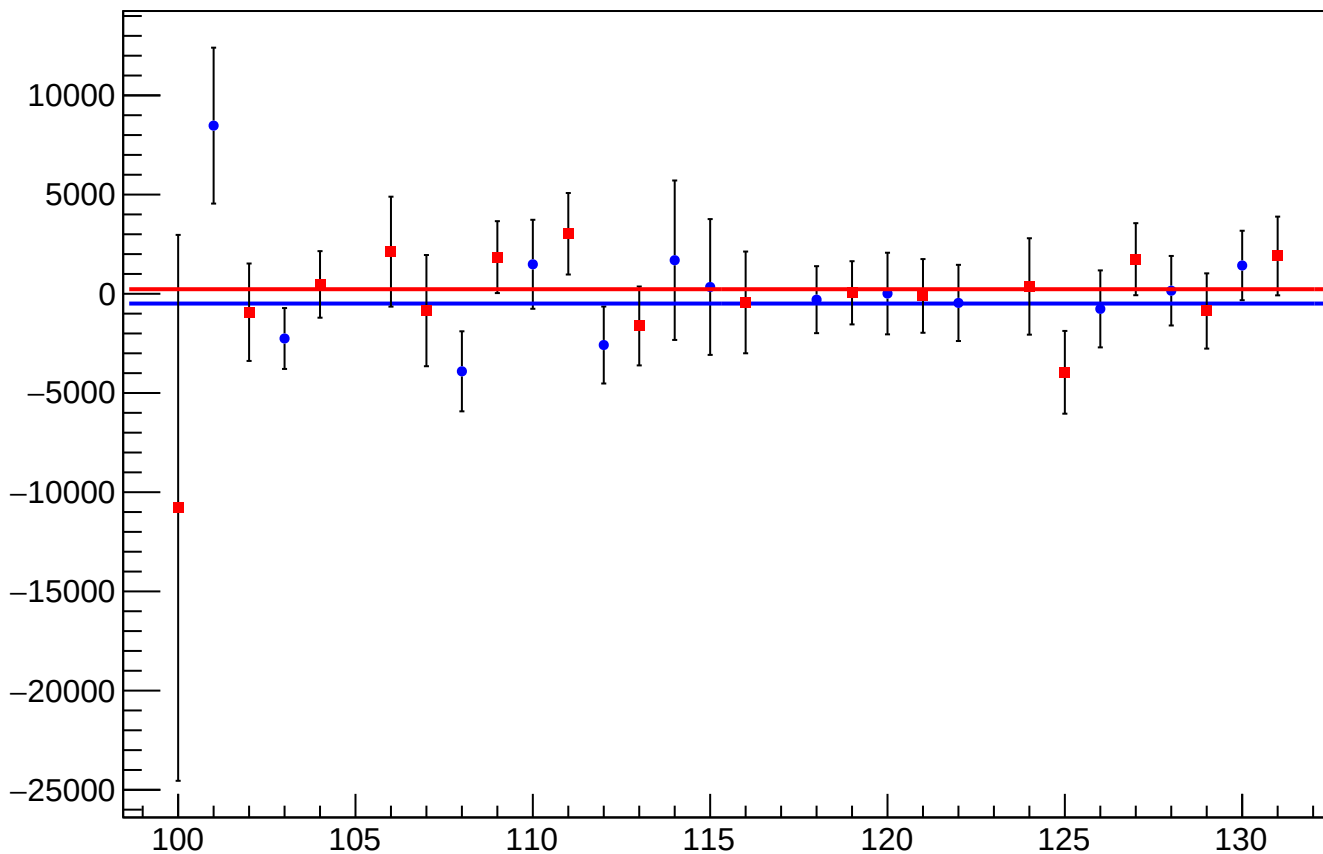
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3203.607+/-0.675 χ^2/NDF : 781867.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -492.281 ± 565.819 χ^2/NDF : 13.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 230.770 ± 523.431 χ^2/NDF : 10.9/15

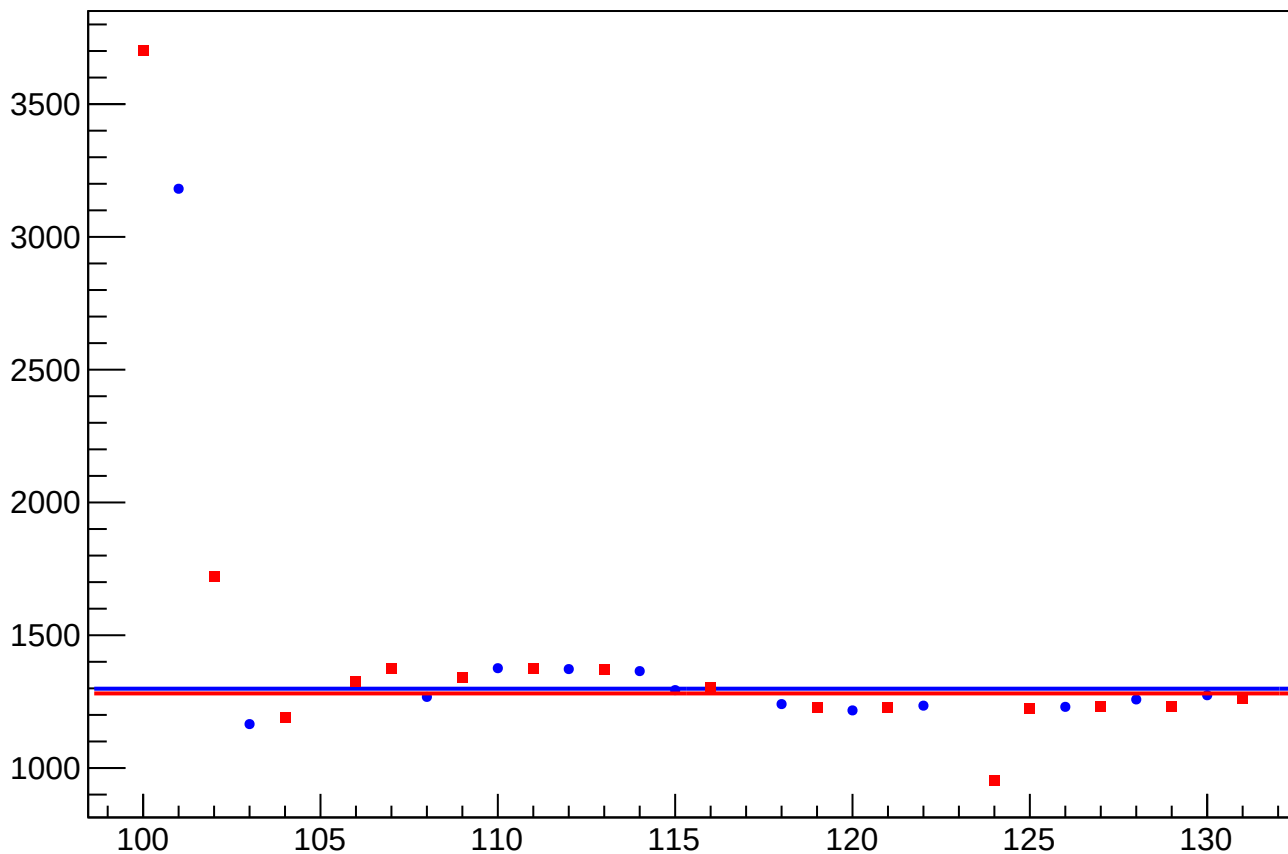
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -102.661 ± 384.234 χ^2/NDF : 24.9/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1298.736 $\pm$ 0.400 χ^2 /NDF: 492173.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1280.923 $\pm$ 0.370 χ^2 /NDF: 190173.4/15

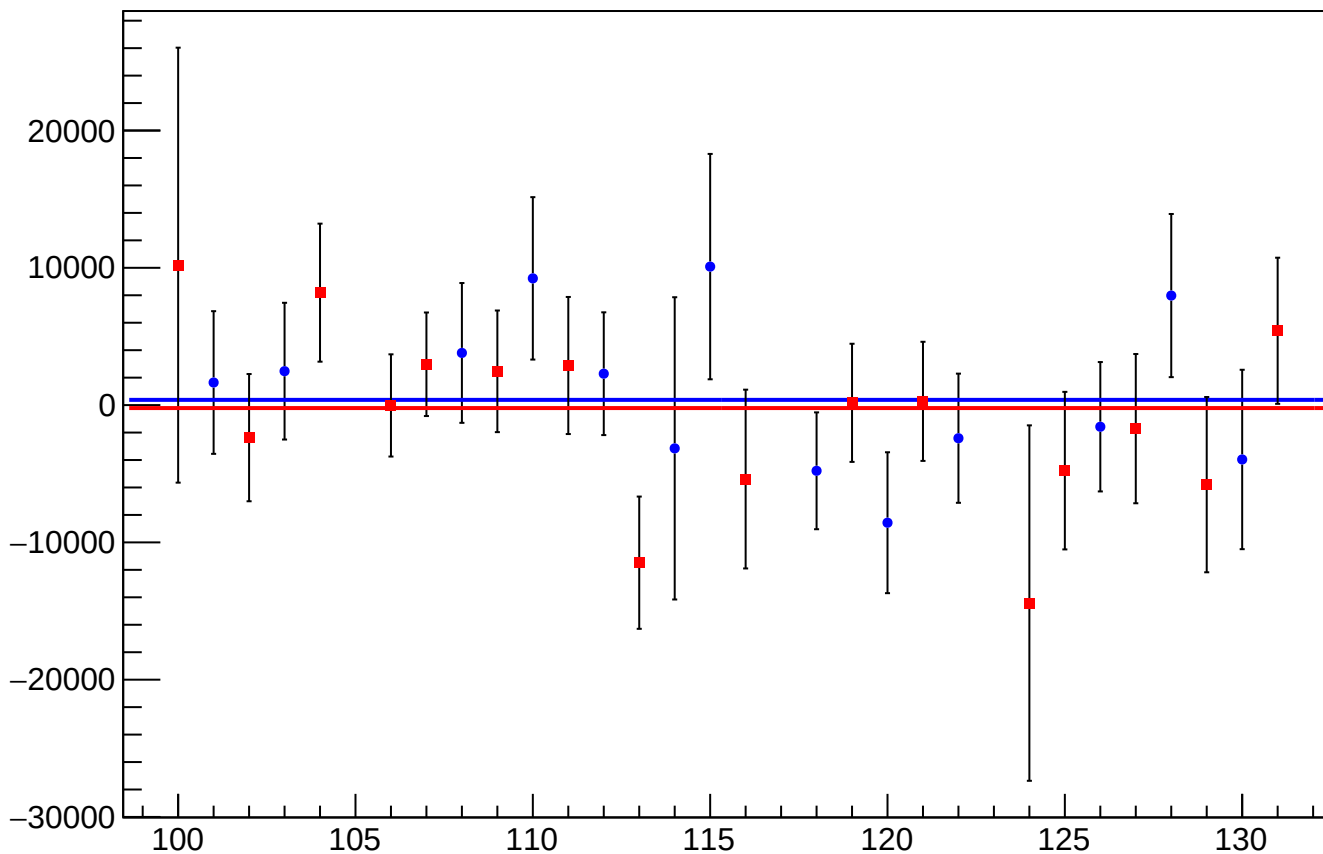
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1289.129 $\pm$ 0.272 χ^2 /NDF: 683415.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_mean vs Slug



Right In: 381.695 ± 1486.105 χ^2/NDF : 11.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -216.035 ± 1262.333 χ^2/NDF : 14.8/15

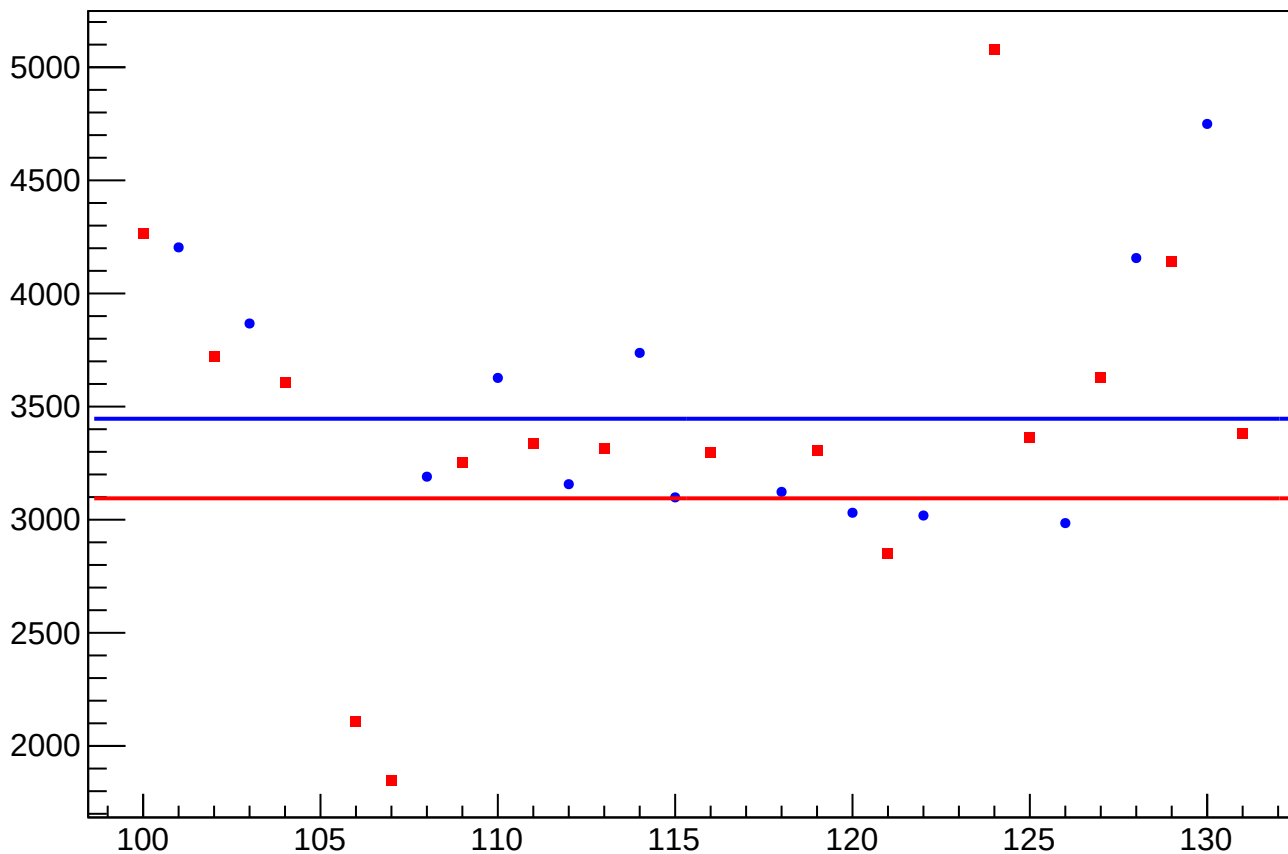
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 34.484 ± 962.095 χ^2/NDF : 26.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_rms vs Slug



Right In: 3446.286 $\pm$ 1.051 χ^2 /NDF: 245591.6/12

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

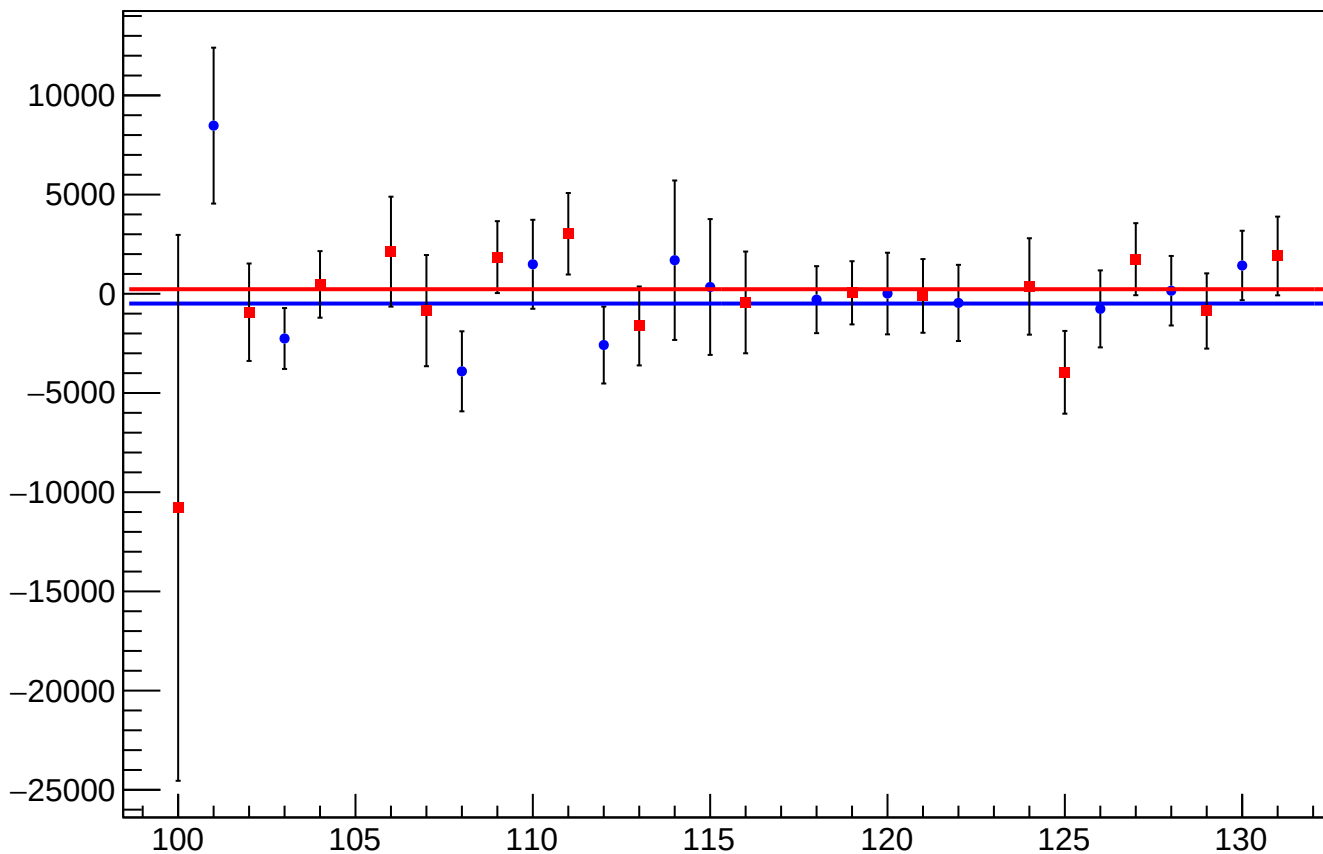
Right Out: 3094.468 $\pm$ 0.893 χ^2 /NDF: 581713.9/15

All: 3241.921 $\pm$ 0.680 χ^2 /NDF: 892416.5/28

- 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_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -492.285+/-565.818 χ^2 /NDF: 13.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 230.778+/-523.431 χ^2 /NDF: 10.9/15

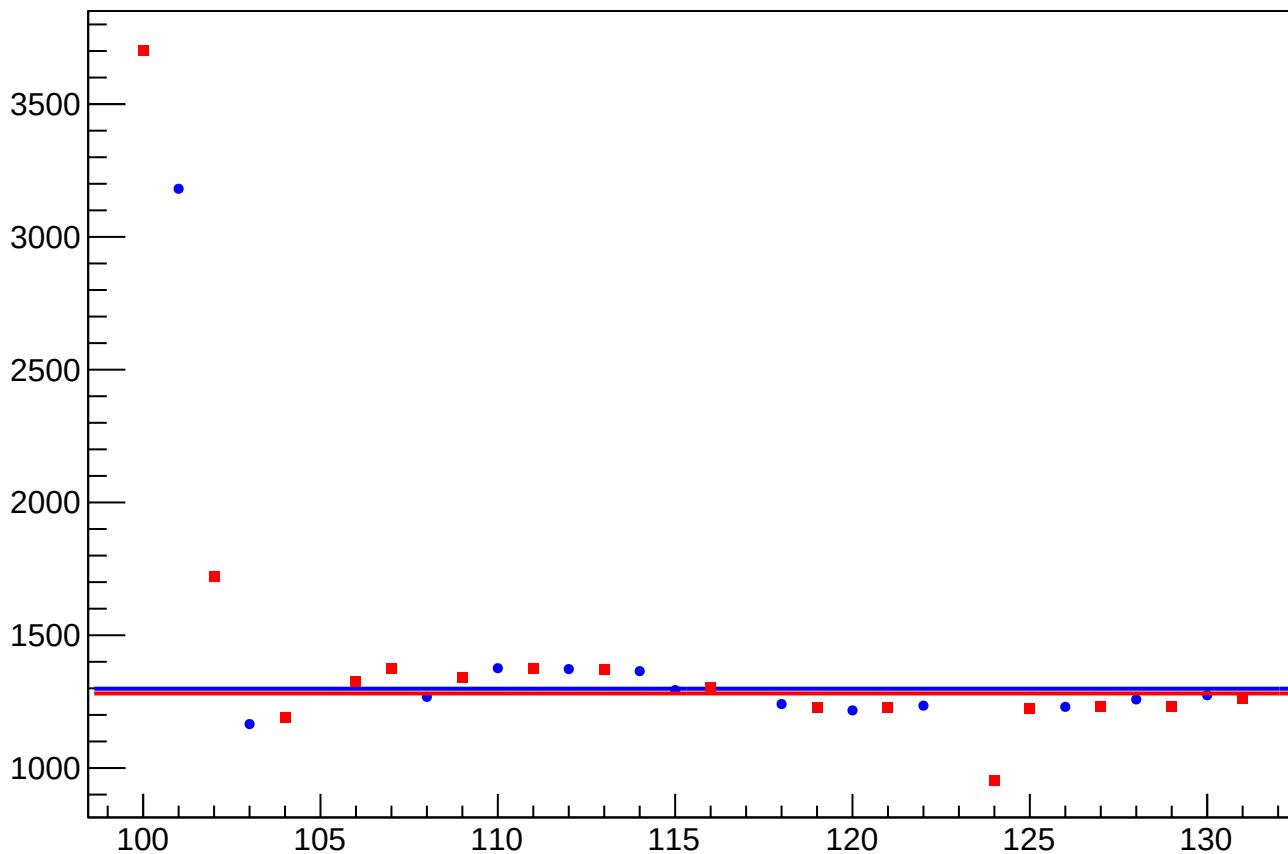
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -102.658+/-384.234 χ^2 /NDF: 24.9/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1298.735 $\pm$ 0.400 χ^2 /NDF: 492173.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1280.923 $\pm$ 0.370 χ^2 /NDF: 190173.5/15

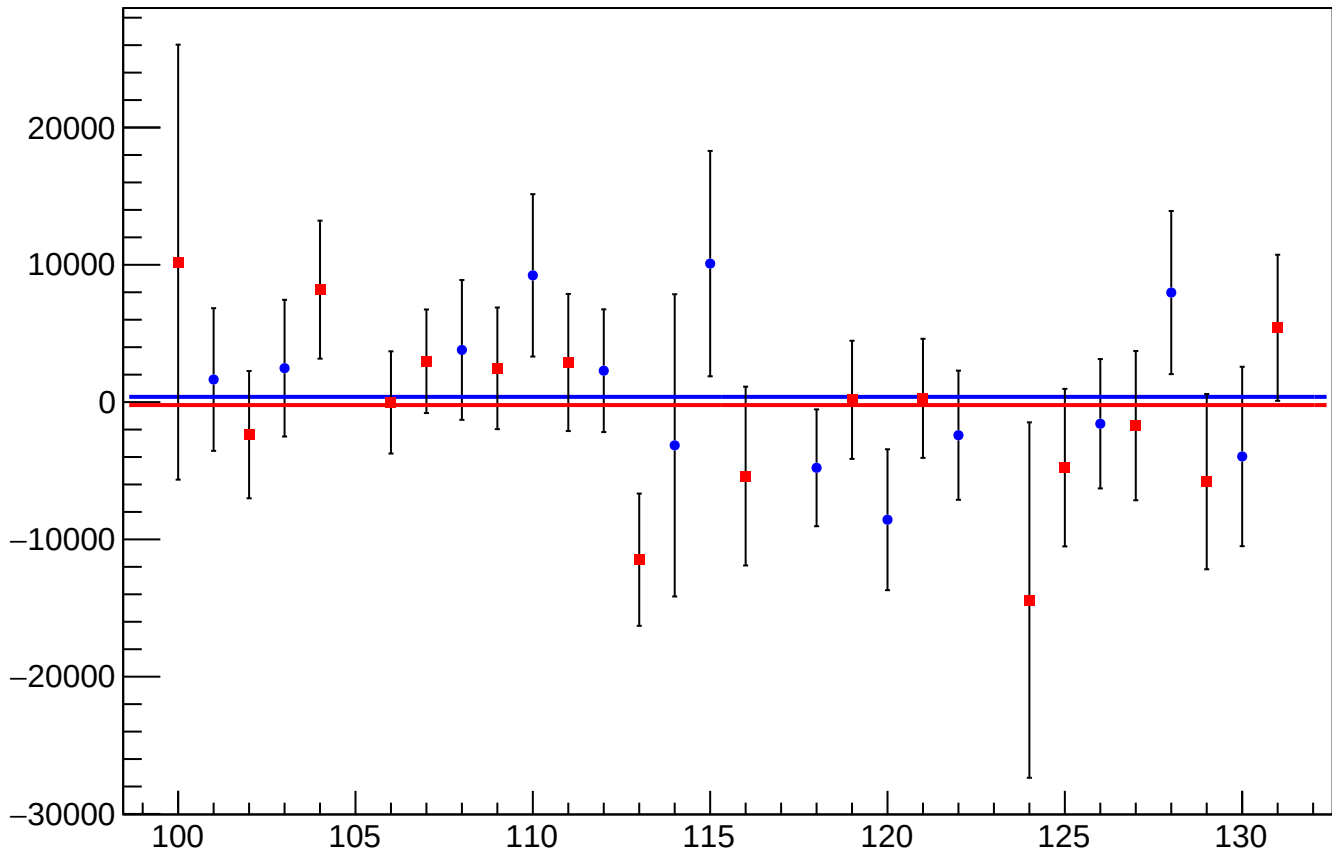
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1289.129 $\pm$ 0.272 χ^2 /NDF: 683415.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_mean vs Slug



Right In: 381.688 $\pm$ 1486.101 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -216.030 $\pm$ 1262.329 χ^2 /NDF: 14.8/15

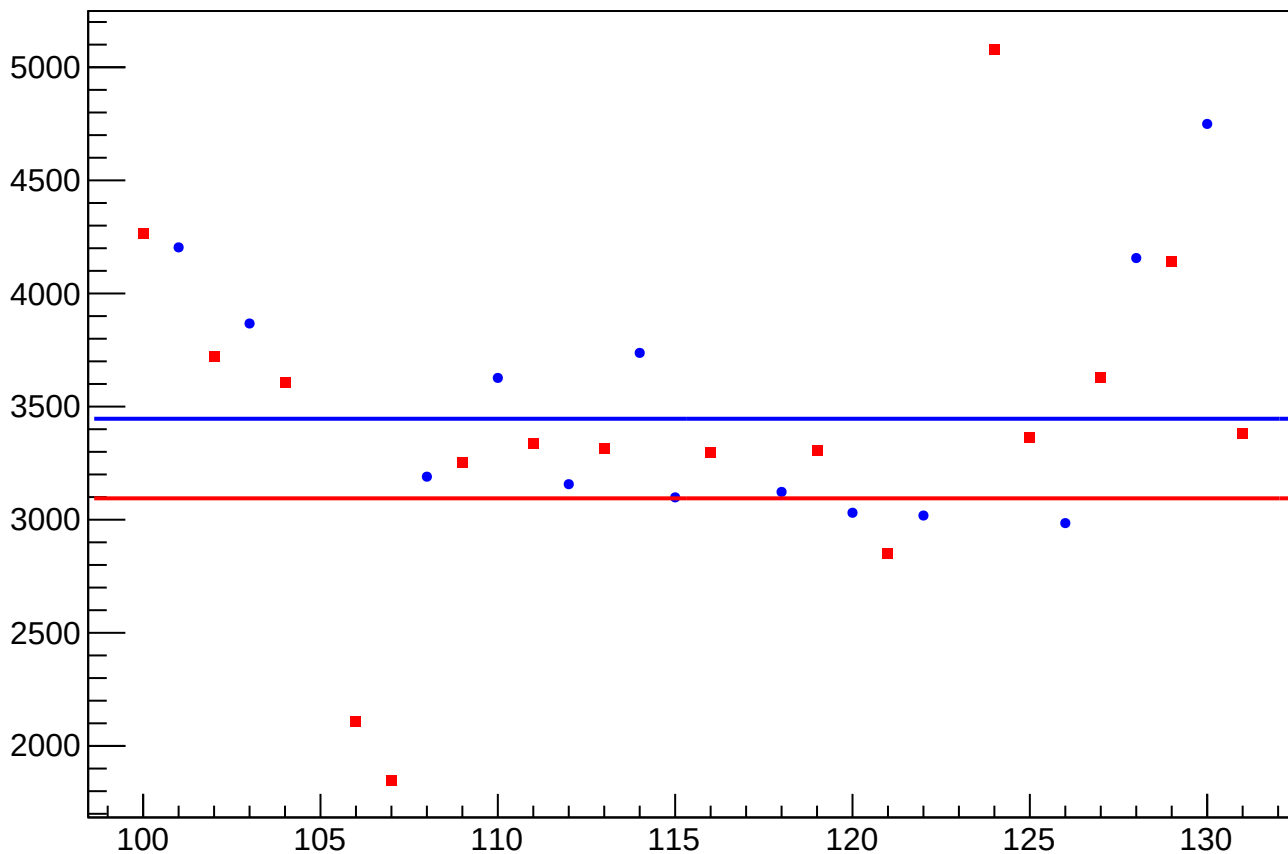
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.485 $\pm$ 962.092 χ^2 /NDF: 26.6/28

- 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: 3446.274+/-1.051 χ^2 /NDF: 245593.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

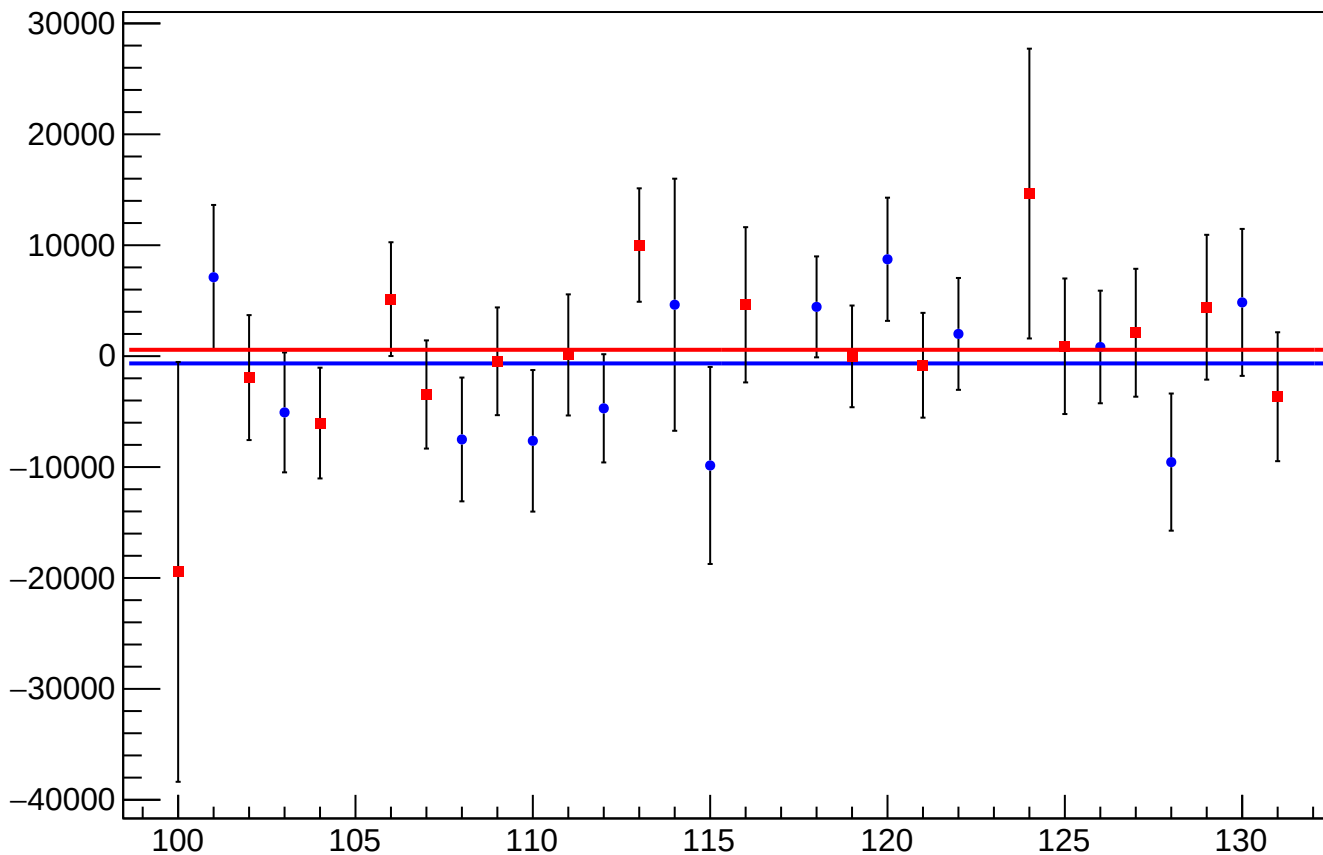
Right Out: 3094.459+/-0.893 χ^2 /NDF: 581714.9/15

All: 3241.911+/-0.680 χ^2 /NDF: 892419.2/28

- 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_mean vs Slug



Right In: -656.473+/-1612.431 χ^2/NDF : 14.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 572.204+/-1418.084 χ^2/NDF : 10.6/15

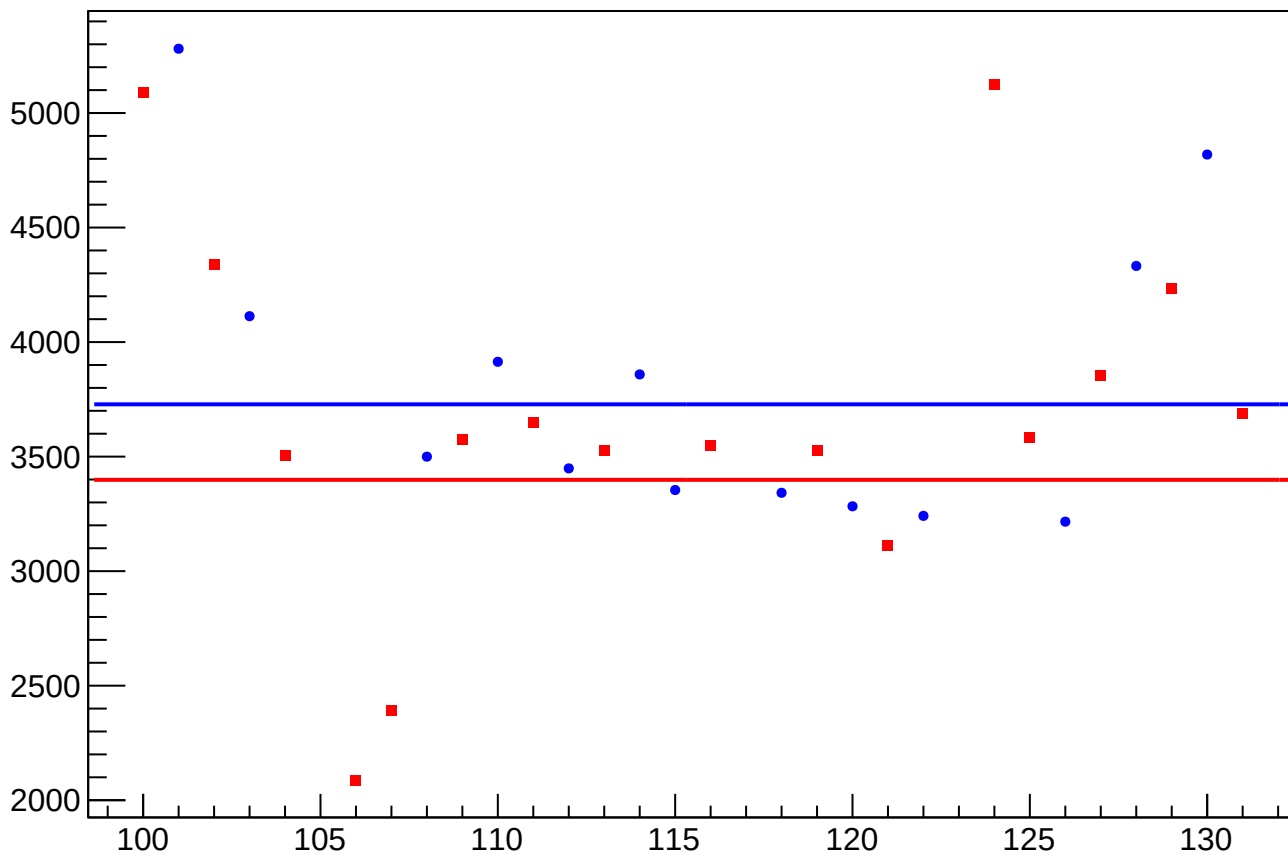
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.338+/-1064.855 χ^2/NDF : 24.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 3728.278+/-1.140 χ^2/NDF : 278567.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

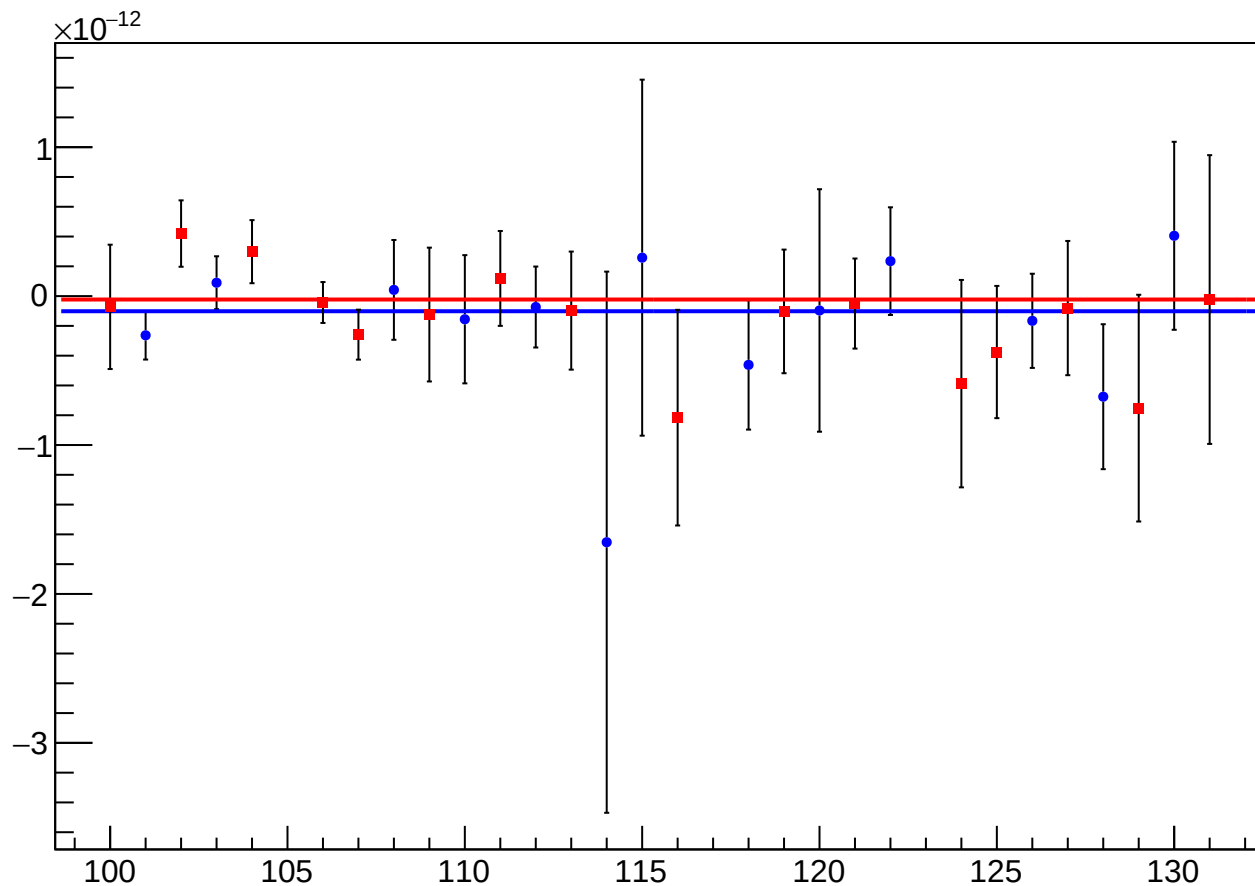
Right Out: 3398.584+/-0.987 χ^2/NDF : 446719.1/15

All: 3539.878+/-0.746 χ^2/NDF : 773069.0/28

- 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 : 6.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 12.0/15

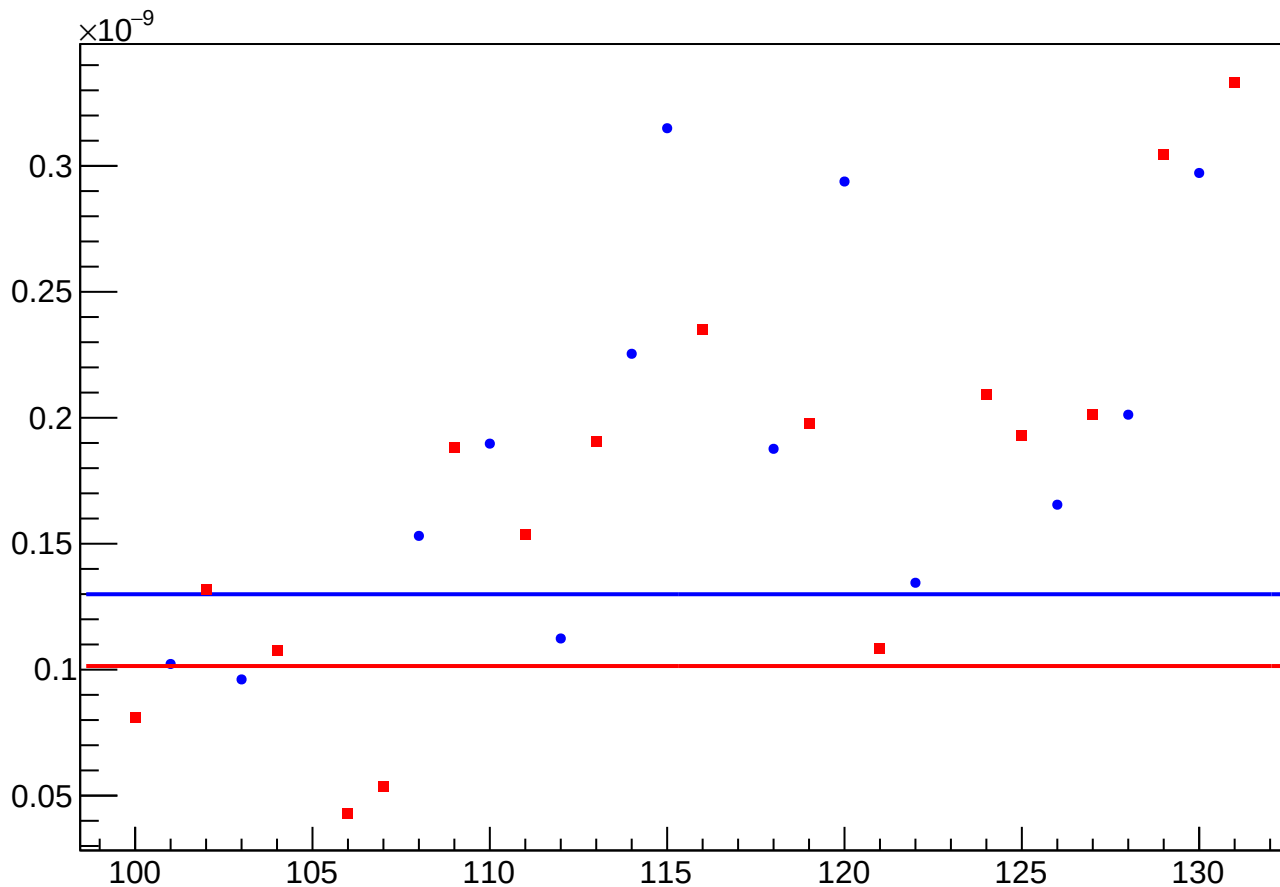
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 19.3/28

- 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: 565316.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1464686.4/15

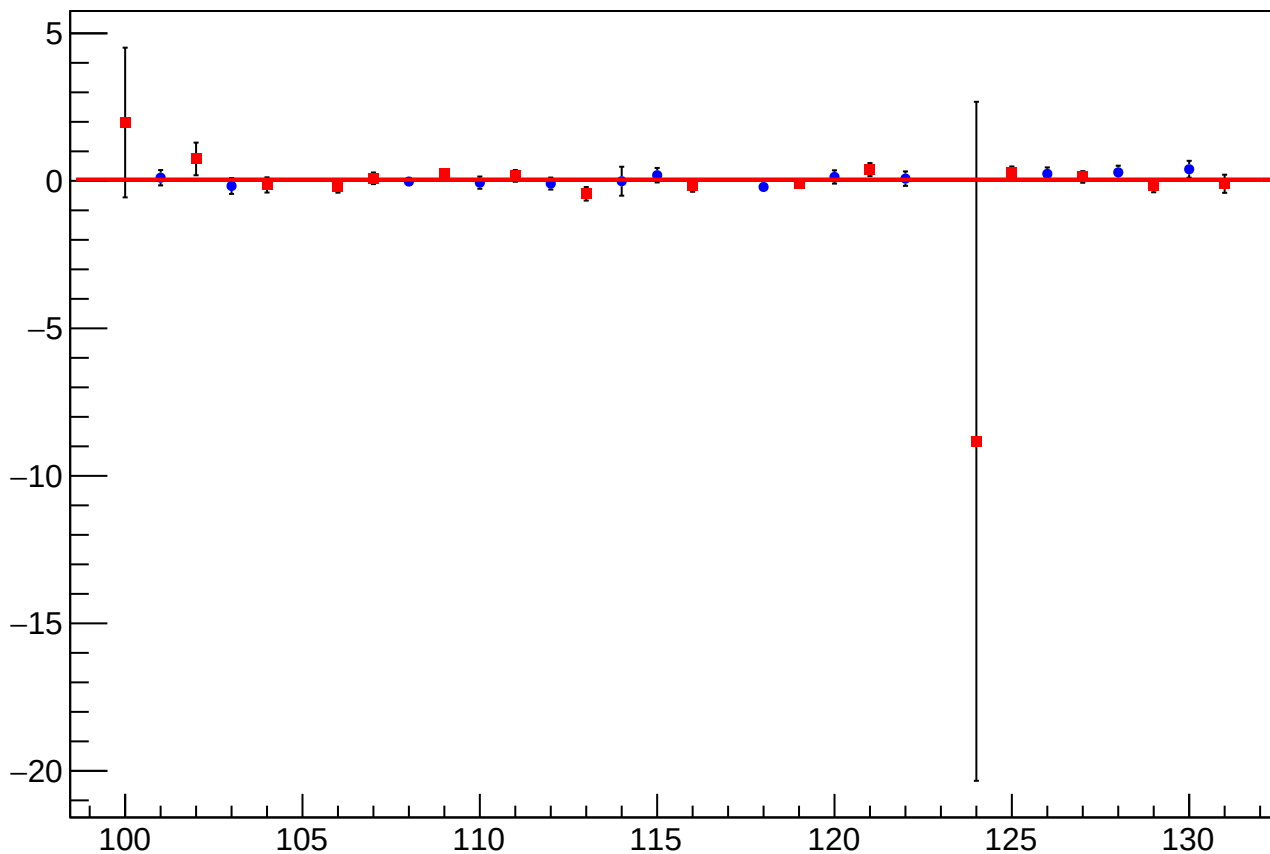
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2155387.9/28

- 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: 0.035 $\pm$ 0.062 χ^2 /NDF: 7.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.042 $\pm$ 0.056 χ^2 /NDF: 18.2/15

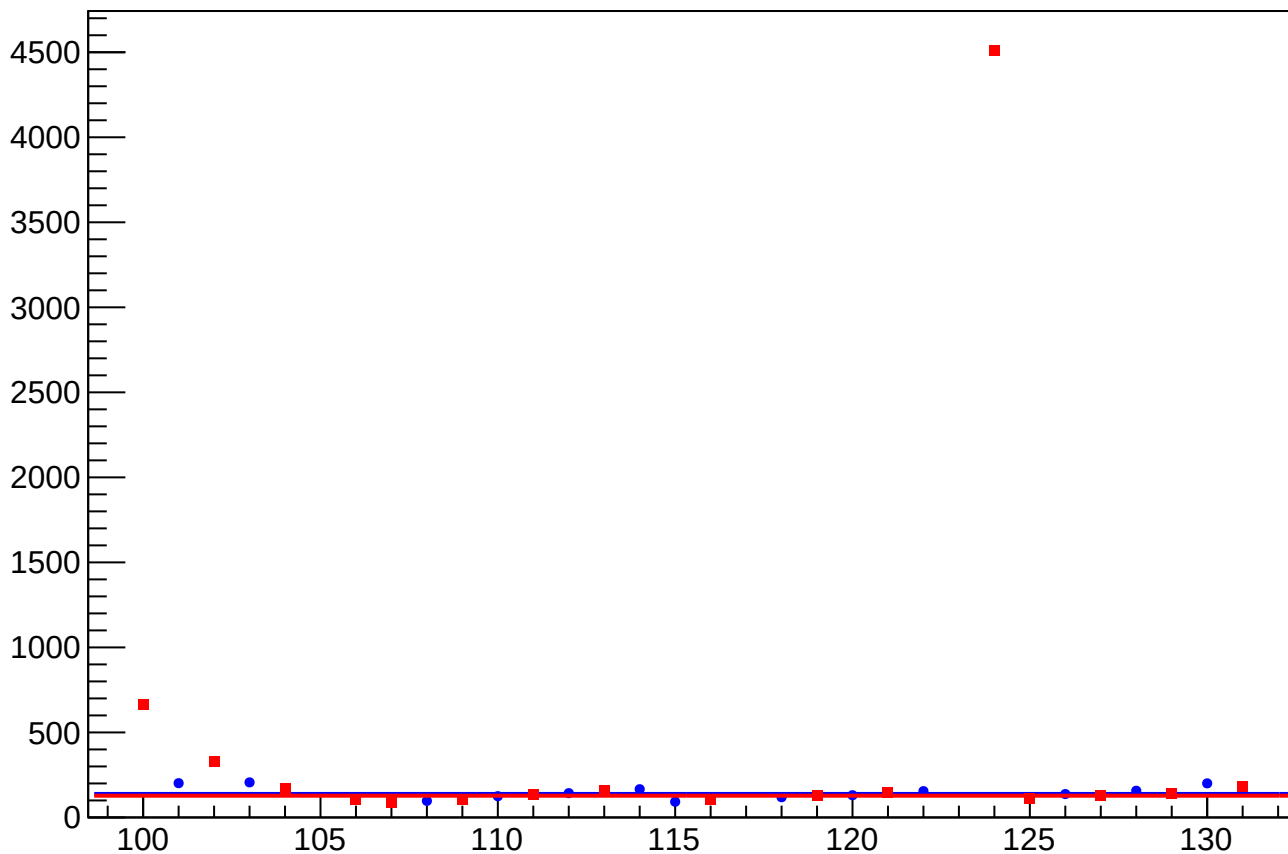
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.039 $\pm$ 0.042 χ^2 /NDF: 26.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_rms vs Slug



Right In: 138.180 $\pm$ 0.044 χ^2 /NDF: 607435.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 127.898 $\pm$ 0.040 χ^2 /NDF: 986235.7/15

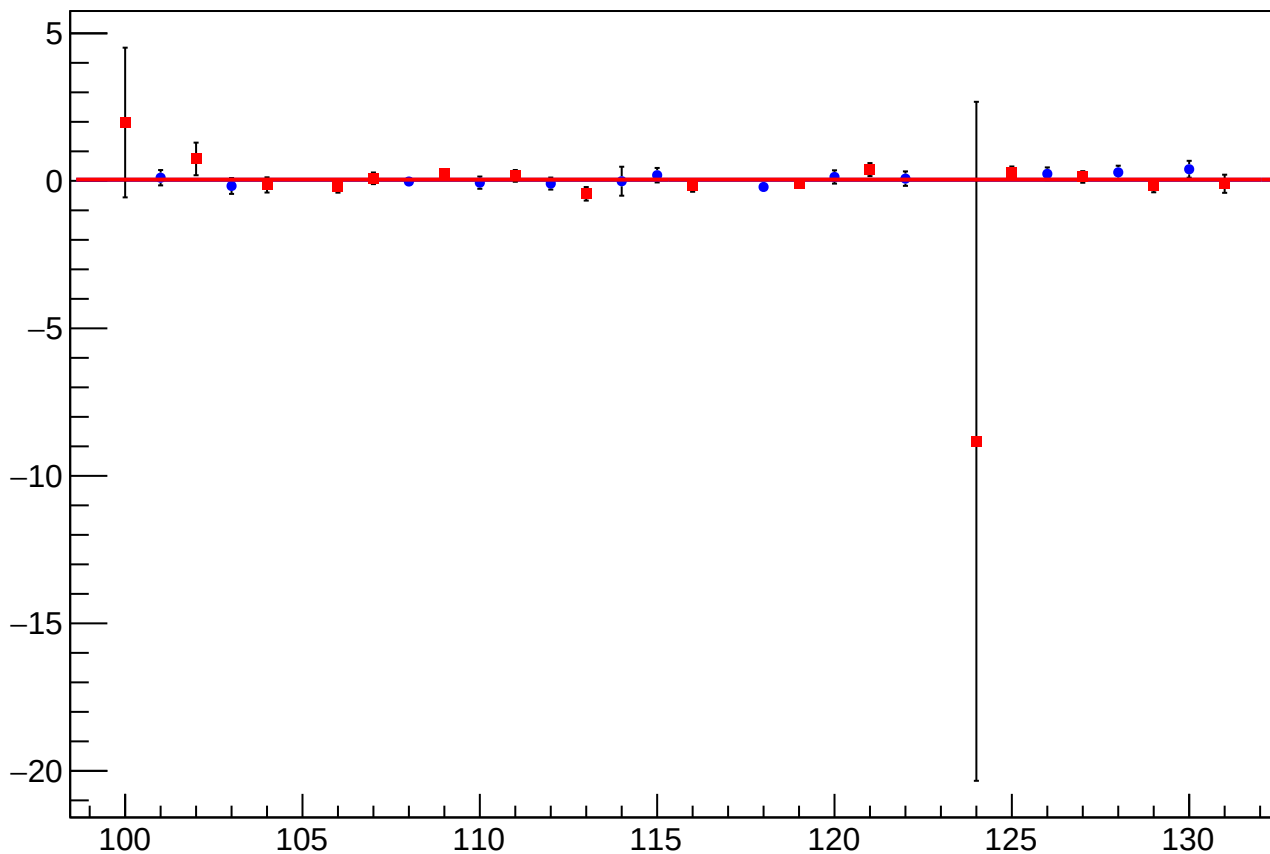
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 132.551 $\pm$ 0.029 χ^2 /NDF: 1624041.7/28

- sign 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: 0.035 $\pm$ 0.062 χ^2 /NDF: 7.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.042 $\pm$ 0.056 χ^2 /NDF: 18.2/15

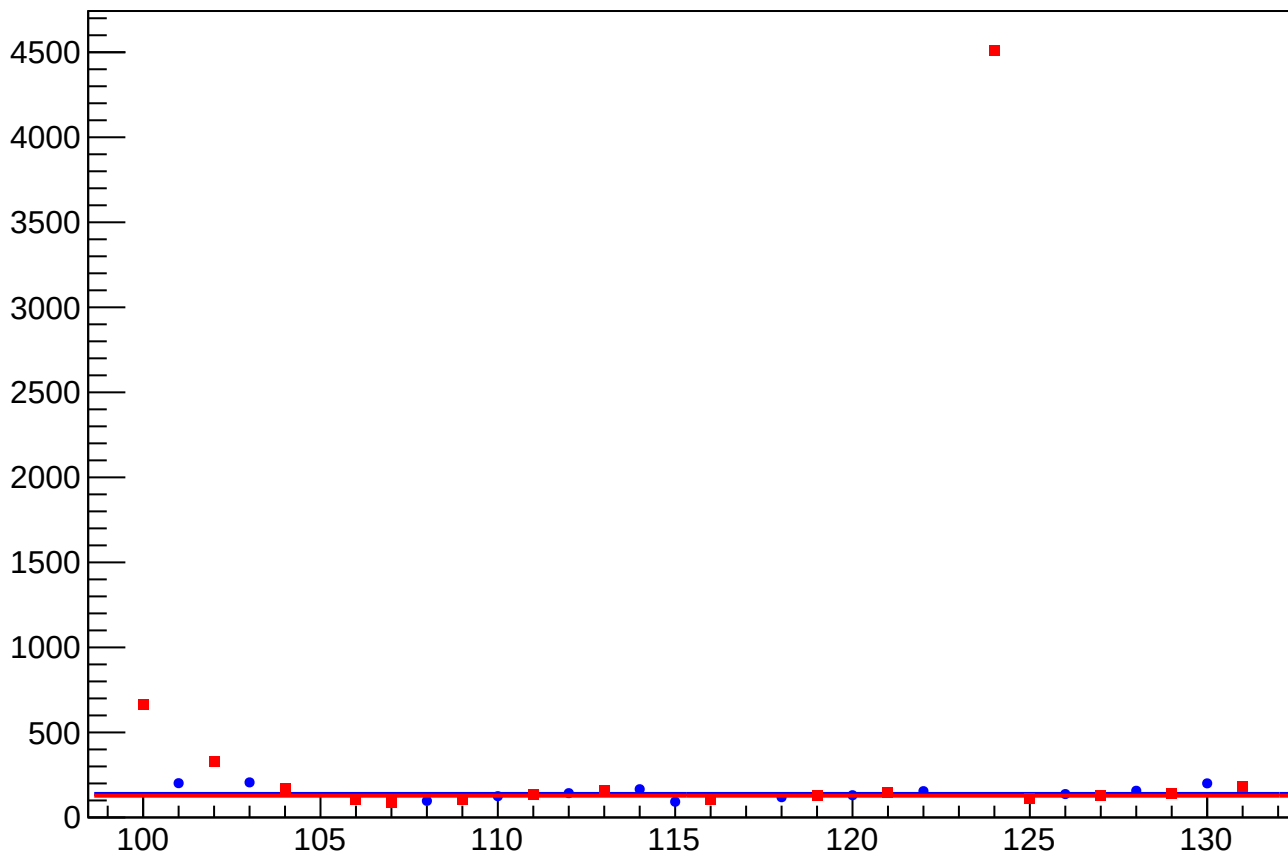
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.039 $\pm$ 0.042 χ^2 /NDF: 26.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 138.180+/-0.044 χ^2/NDF : 607435.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.898+/-0.040 χ^2/NDF : 986235.7/15

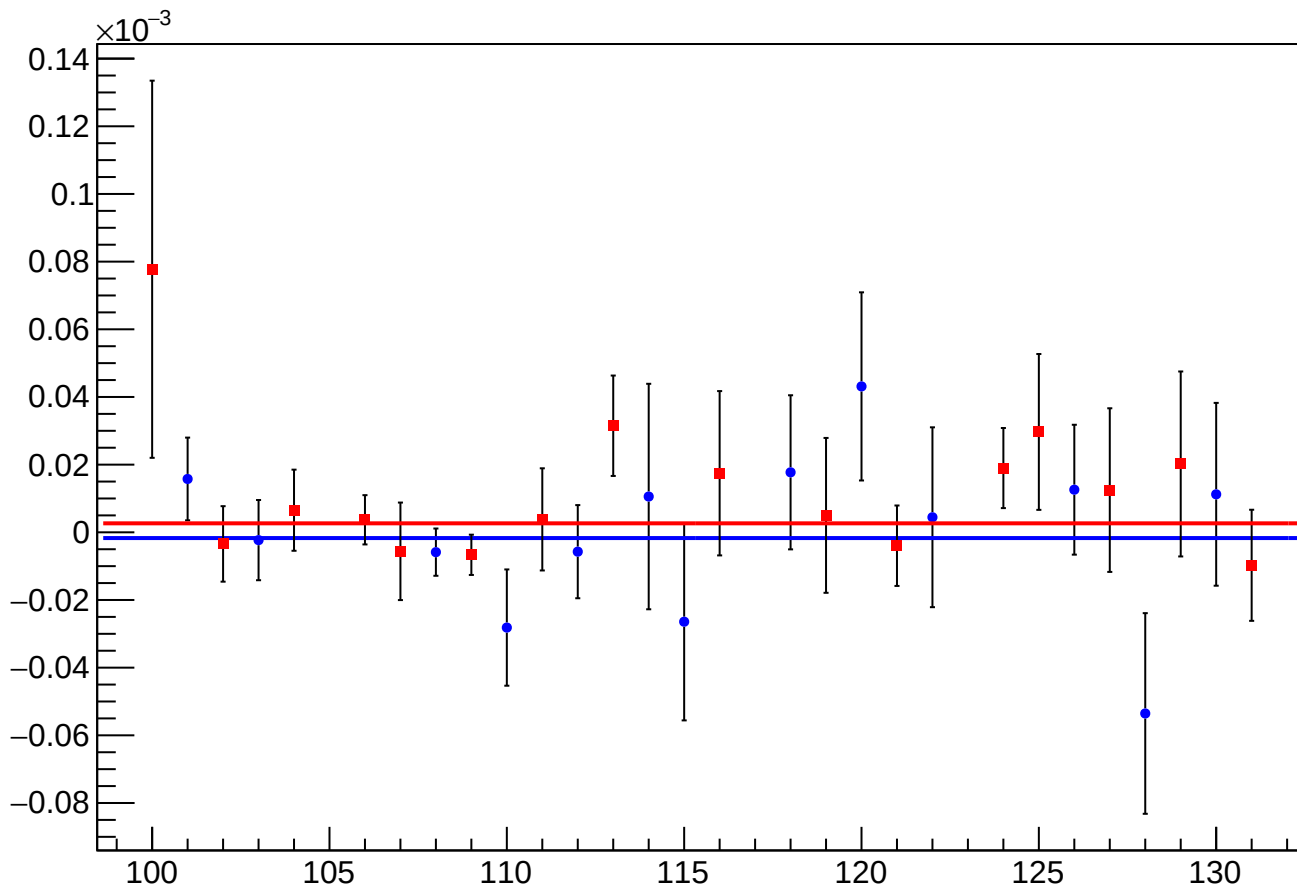
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.551+/-0.029 χ^2/NDF : 1624041.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.9/12

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

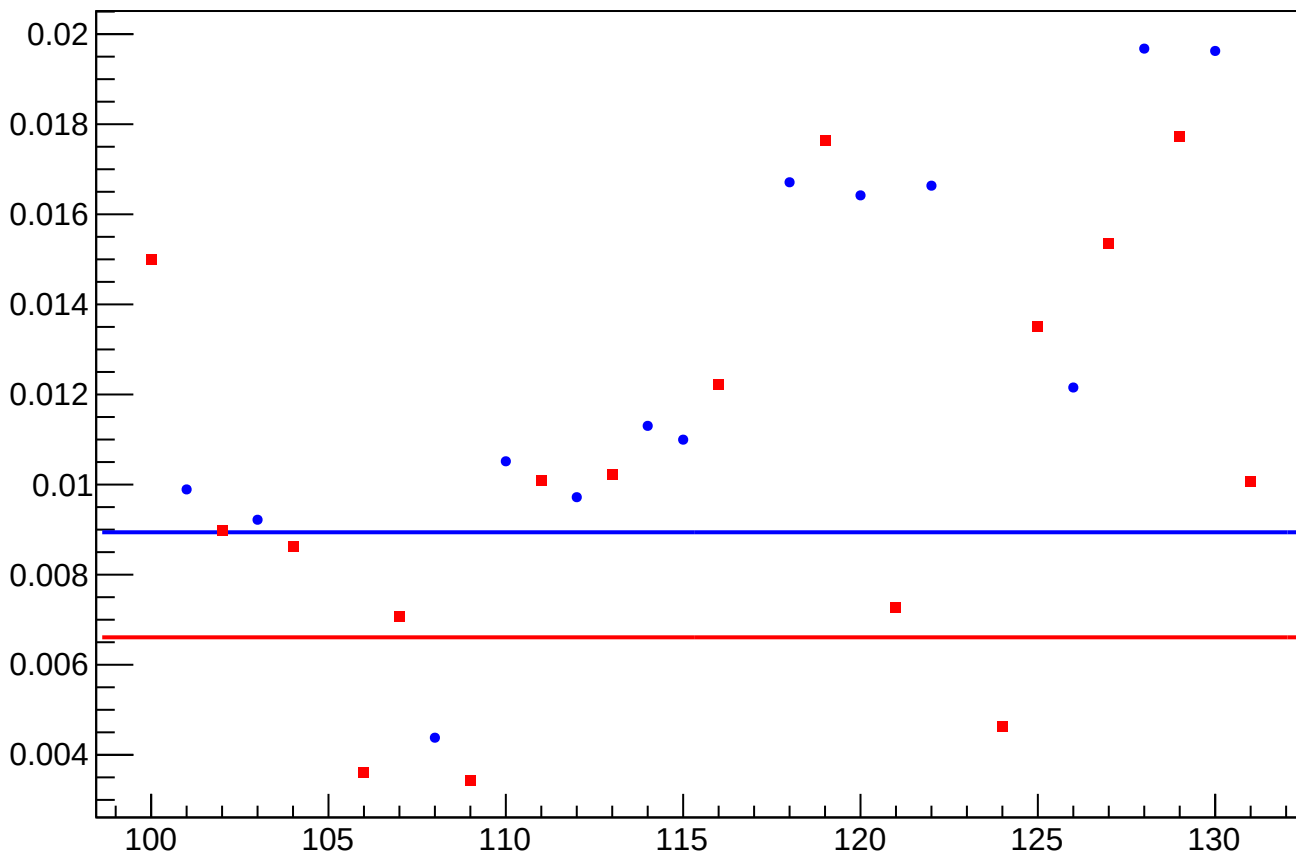
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 27.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.009+/-0.000 χ^2/NDF : 2085354.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 2821437.5/15

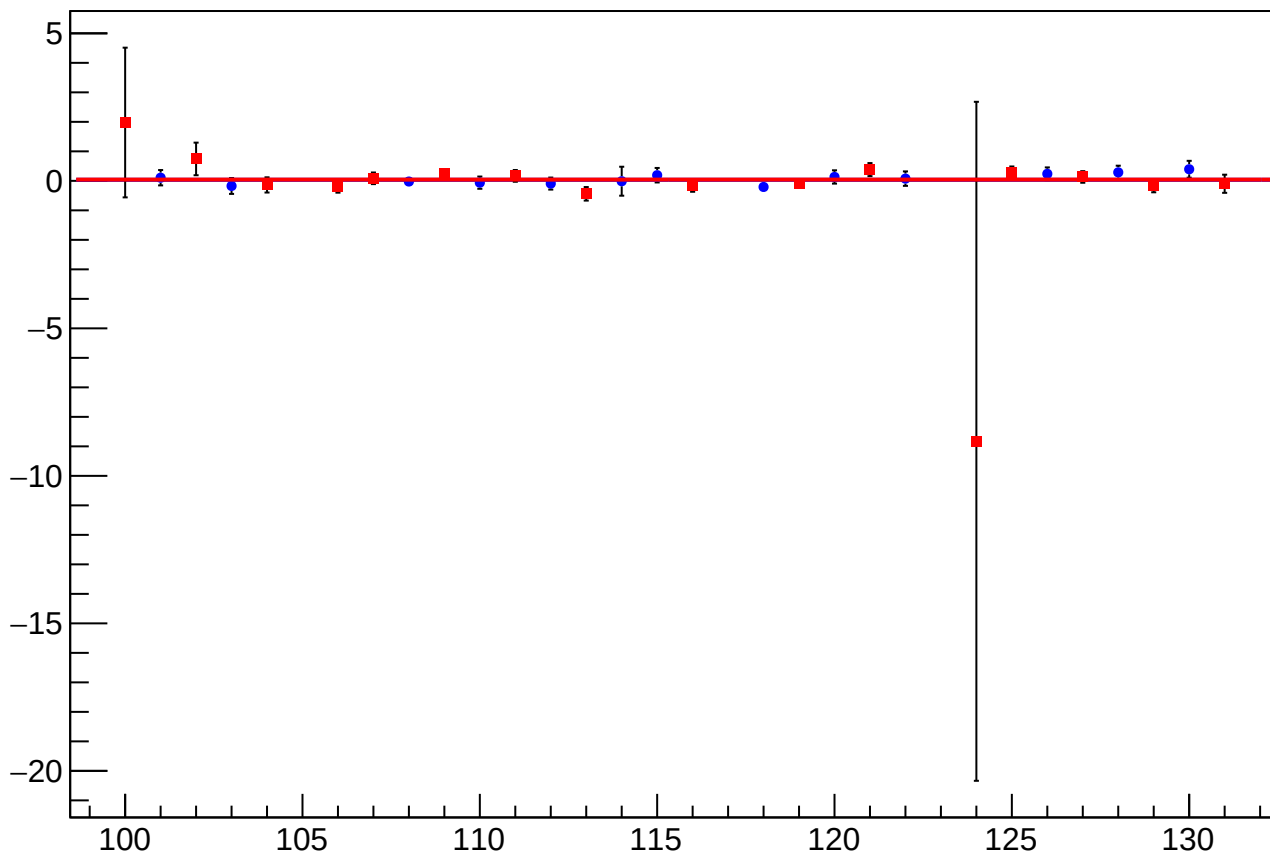
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 5295802.5/28

- 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: 0.035 $\pm$ 0.062 χ^2 /NDF: 7.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.042 $\pm$ 0.056 χ^2 /NDF: 18.2/15

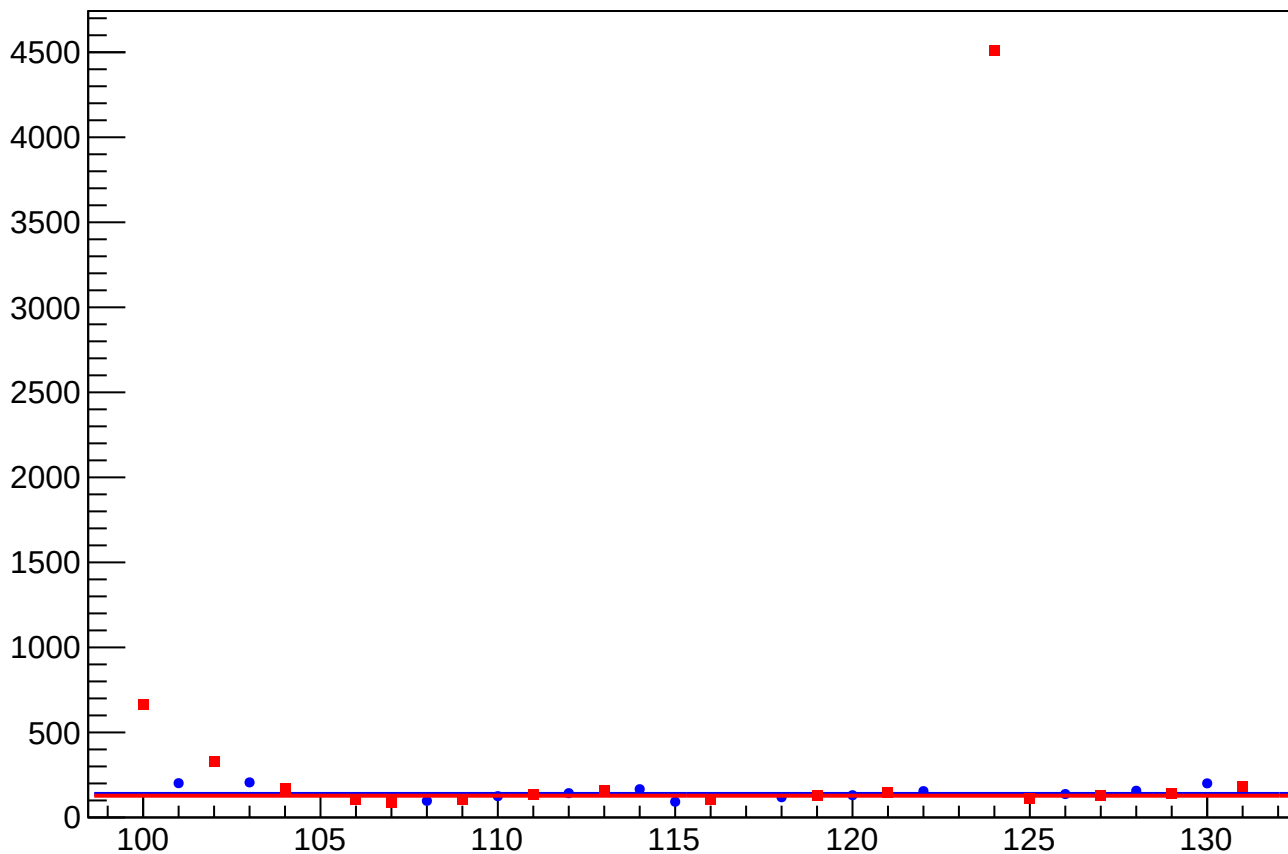
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.039 $\pm$ 0.042 χ^2 /NDF: 26.1/28

- 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: 138.180+/-0.044 χ^2/NDF : 607359.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.900+/-0.040 χ^2/NDF : 986165.7/15

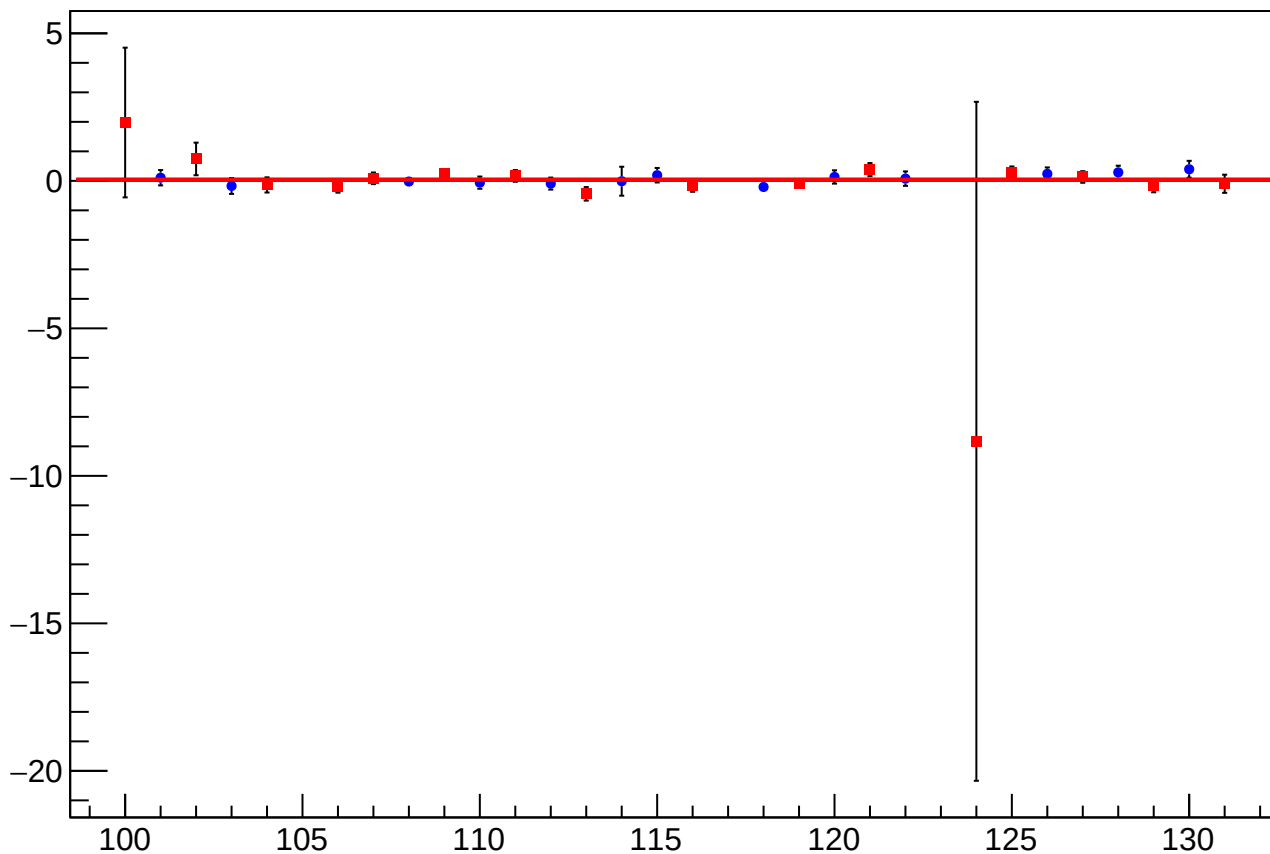
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.552+/-0.029 χ^2/NDF : 1623887.4/28

- sign 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: 0.035 $\pm$ 0.062 χ^2 /NDF: 7.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.042 $\pm$ 0.056 χ^2 /NDF: 18.2/15

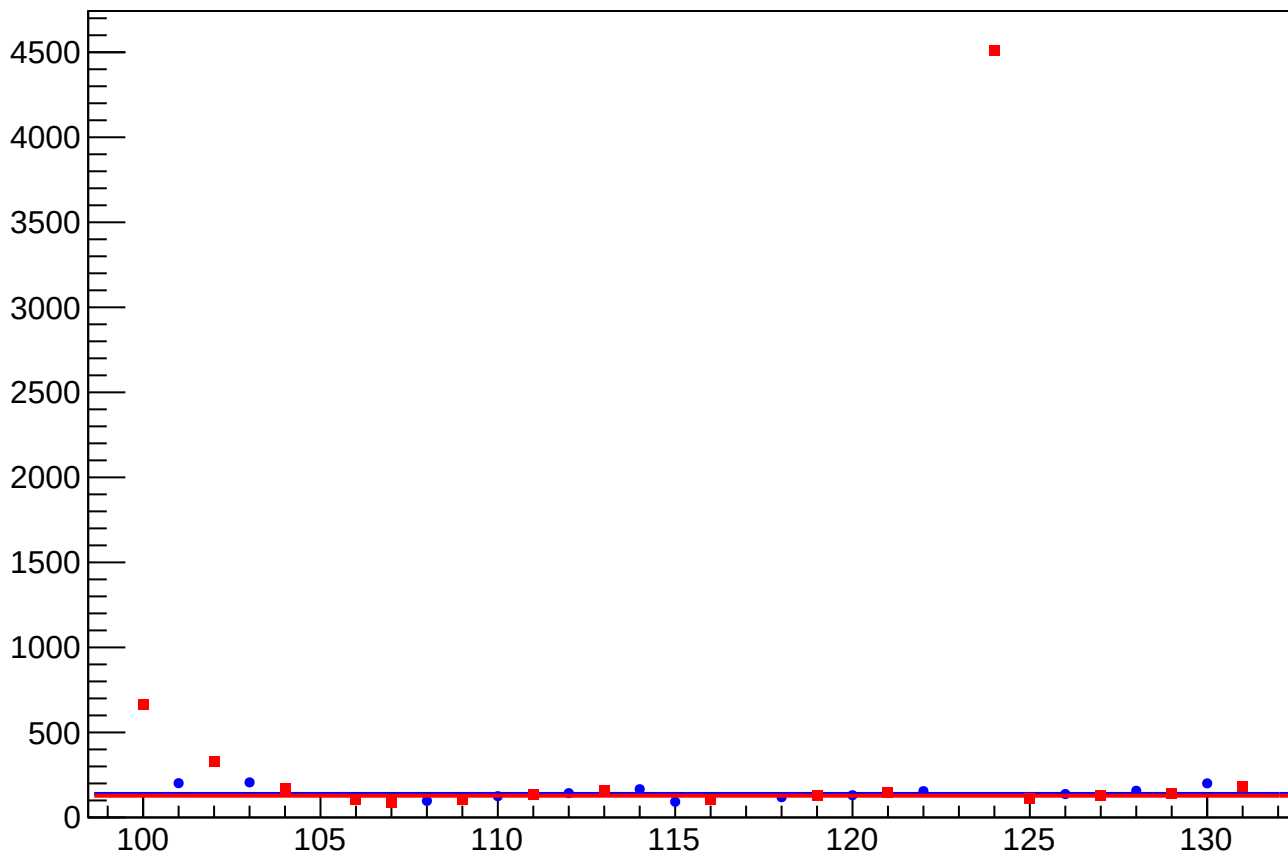
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.039 $\pm$ 0.042 χ^2 /NDF: 26.1/28

- sign 0.000 $\pm$ 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: 138.180+/-0.044 χ^2/NDF : 607359.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.900+/-0.040 χ^2/NDF : 986165.7/15

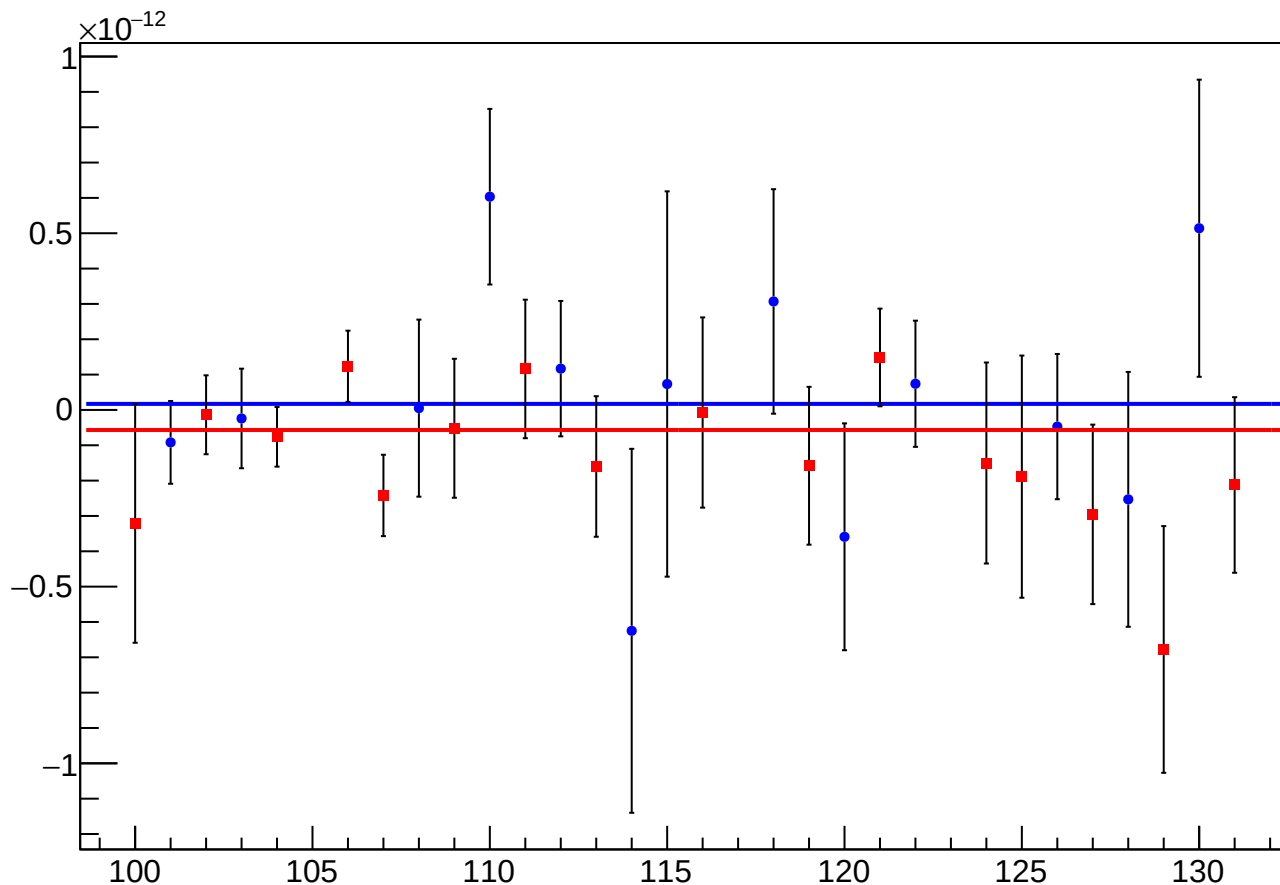
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.552+/-0.029 χ^2/NDF : 1623887.4/28

- 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 : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.8/15

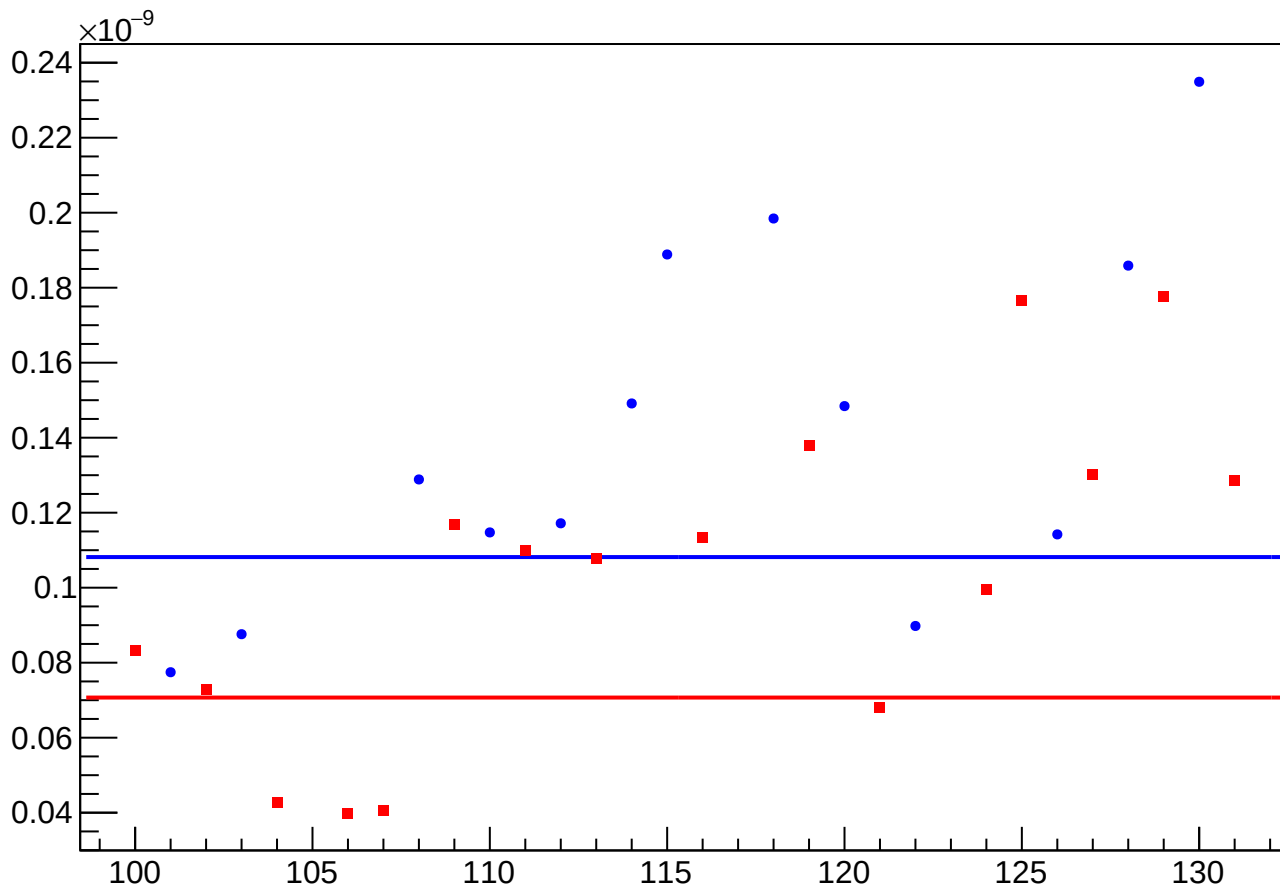
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.6/28

- 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+/-0.000 χ^2/NDF : 746722.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1655056.2/15

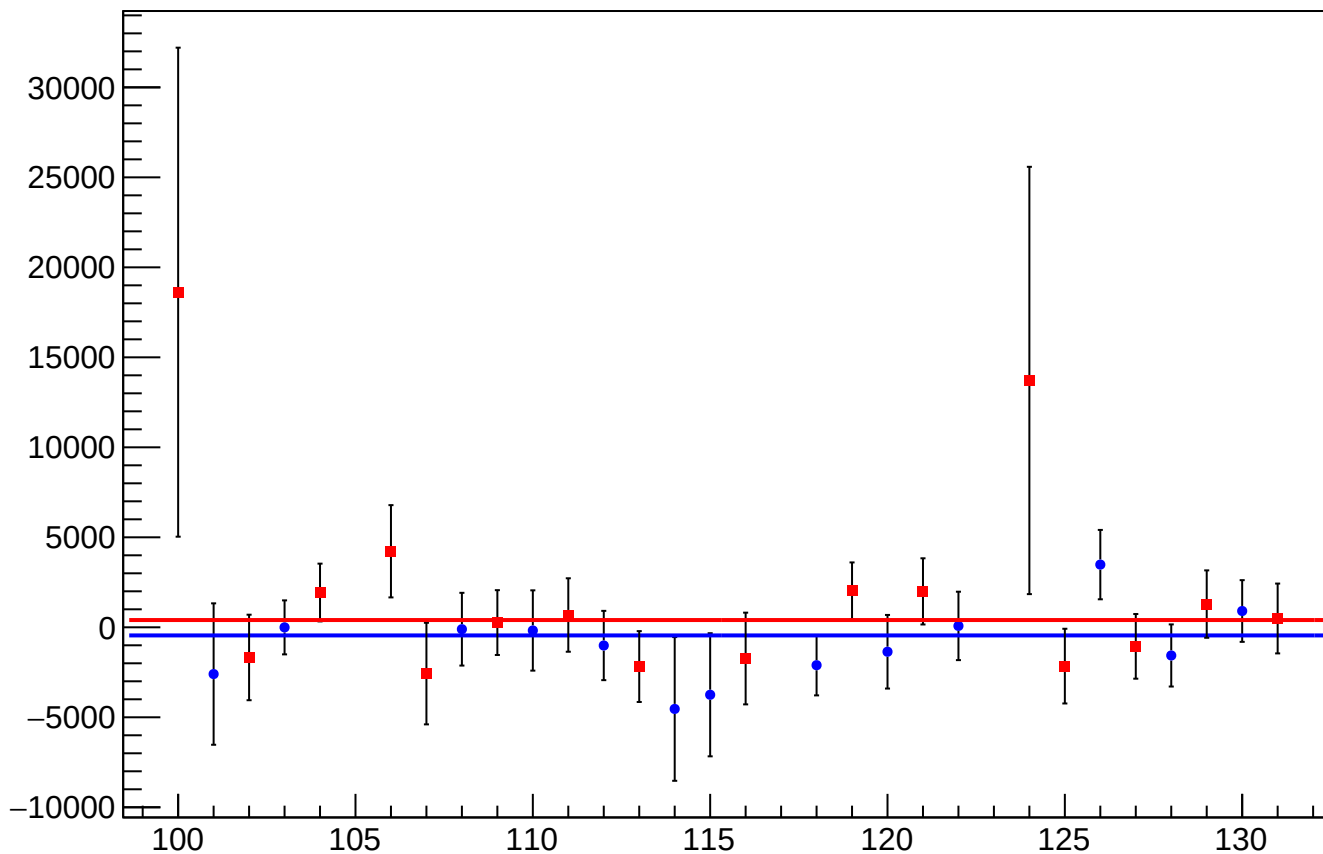
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2942370.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -451.301 $\pm$ 559.953 χ^2 /NDF: 8.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 403.382 $\pm$ 526.730 χ^2 /NDF: 14.7/15

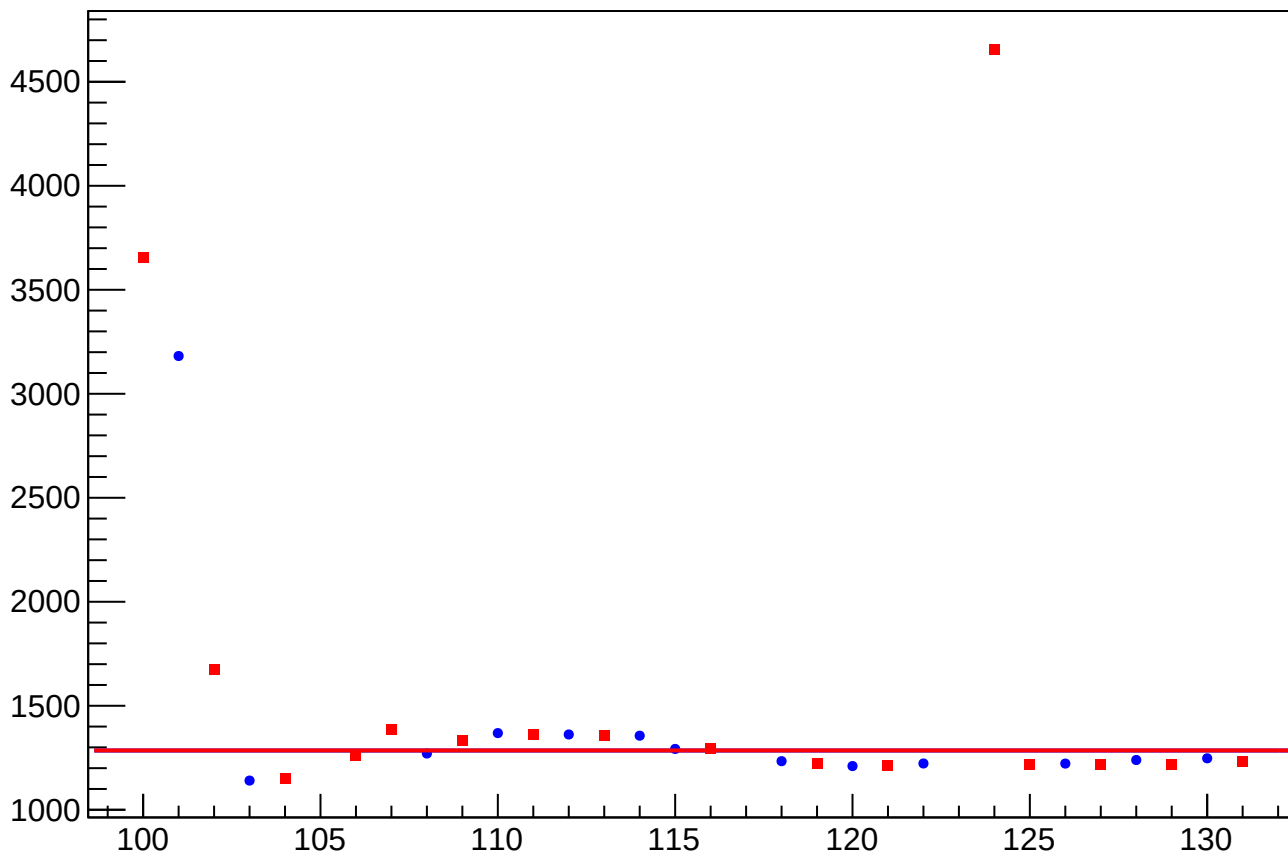
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.146 $\pm$ 383.662 χ^2 /NDF: 24.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1284.749+/-0.396 χ^2/NDF : 502671.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

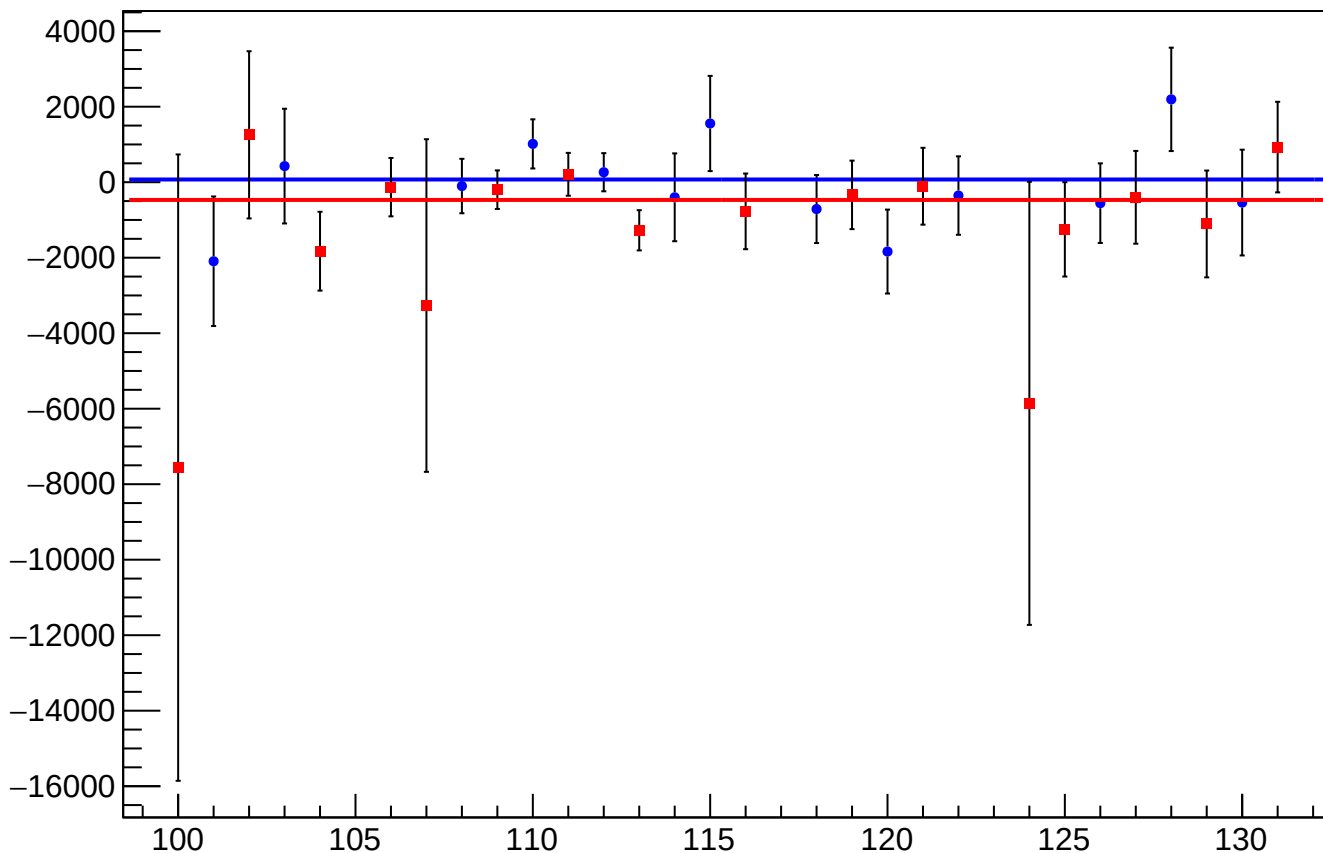
Right Out: 1285.314+/-0.372 χ^2/NDF : 315906.6/15

All: 1285.049+/-0.271 χ^2/NDF : 818579.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_mean vs Slug



Right In: 71.834+/-256.113 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -469.896+/-229.301 χ^2/NDF : 10.7/15

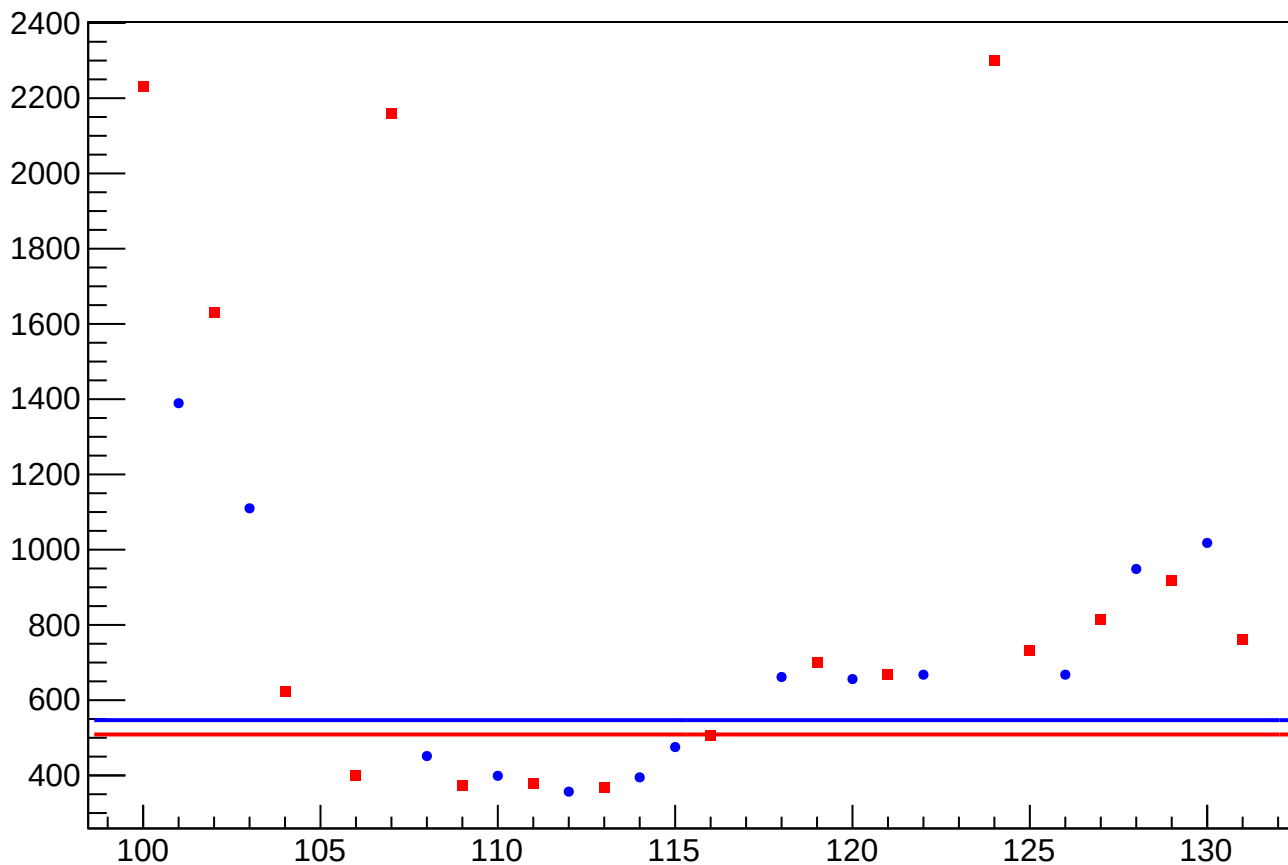
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -228.863+/-170.836 χ^2/NDF : 25.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_rms vs Slug



Right In: 546.921+/-0.181 χ^2/NDF : 1721677.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 508.830+/-0.162 χ^2/NDF : 2097413.4/15

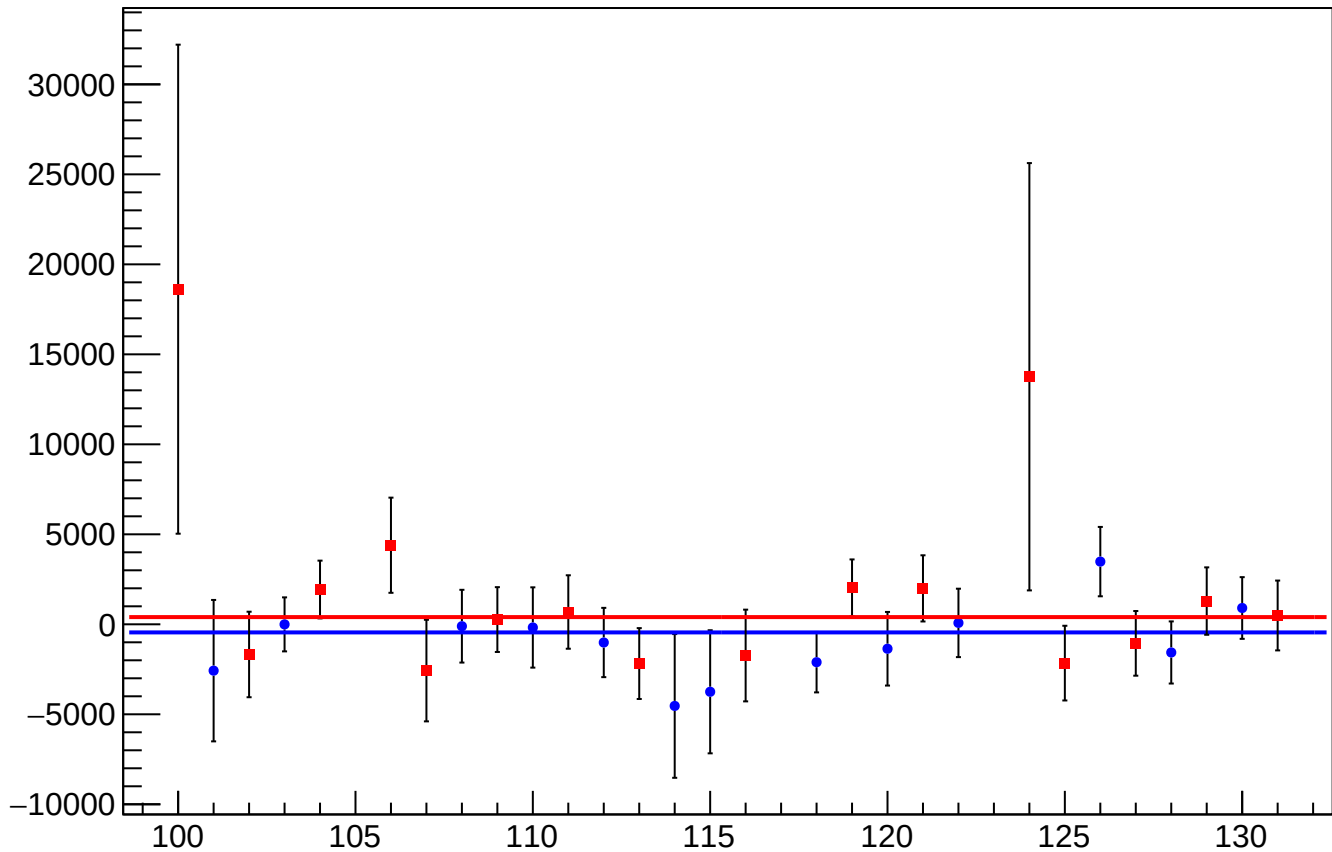
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 525.778+/-0.121 χ^2/NDF : 3843646.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -450.755 ± 559.954 χ^2/NDF : 8.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 400.583 ± 527.397 χ^2/NDF : 14.8/15

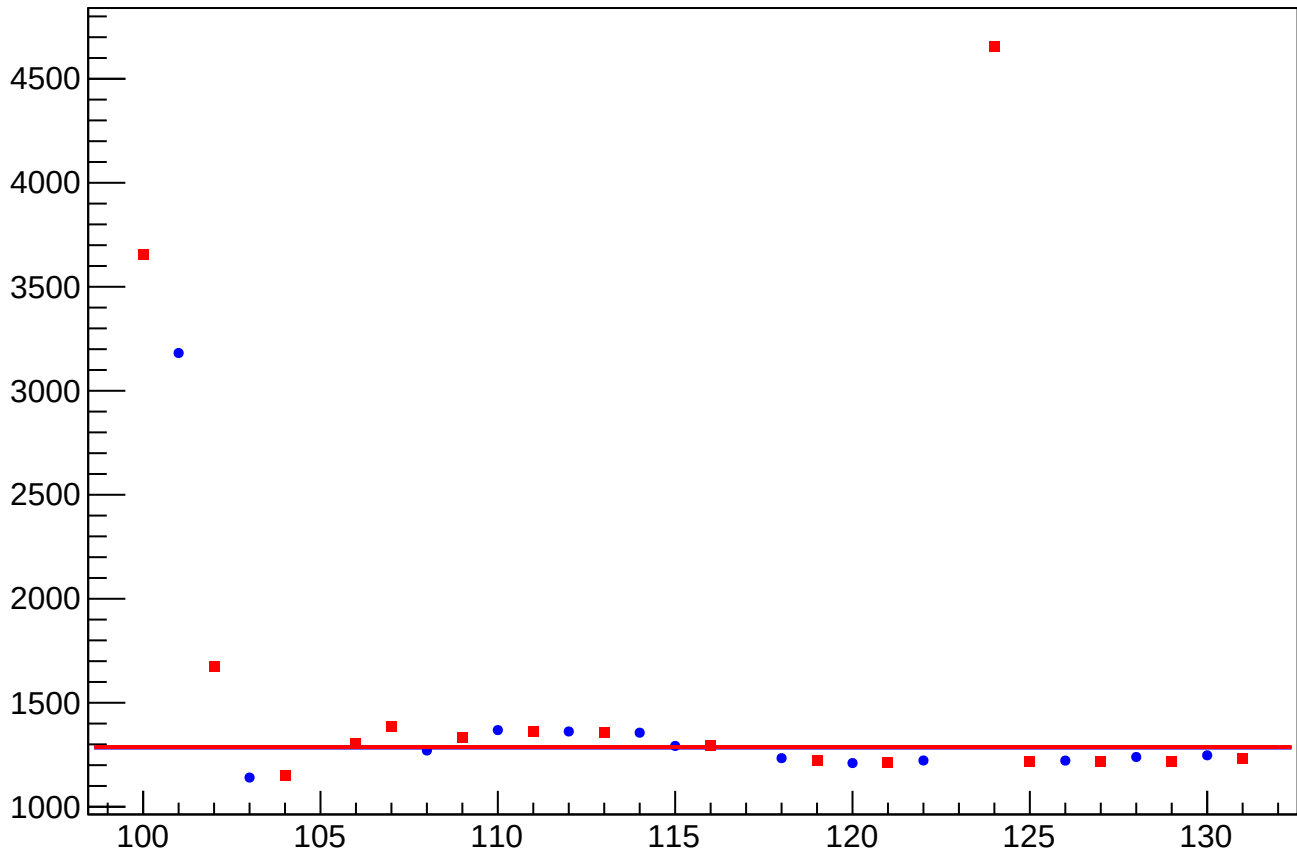
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.381 ± 383.920 χ^2/NDF : 25.0/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1284.749+/-0.396 χ^2/NDF : 502673.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1286.993+/-0.373 χ^2/NDF : 315834.6/15

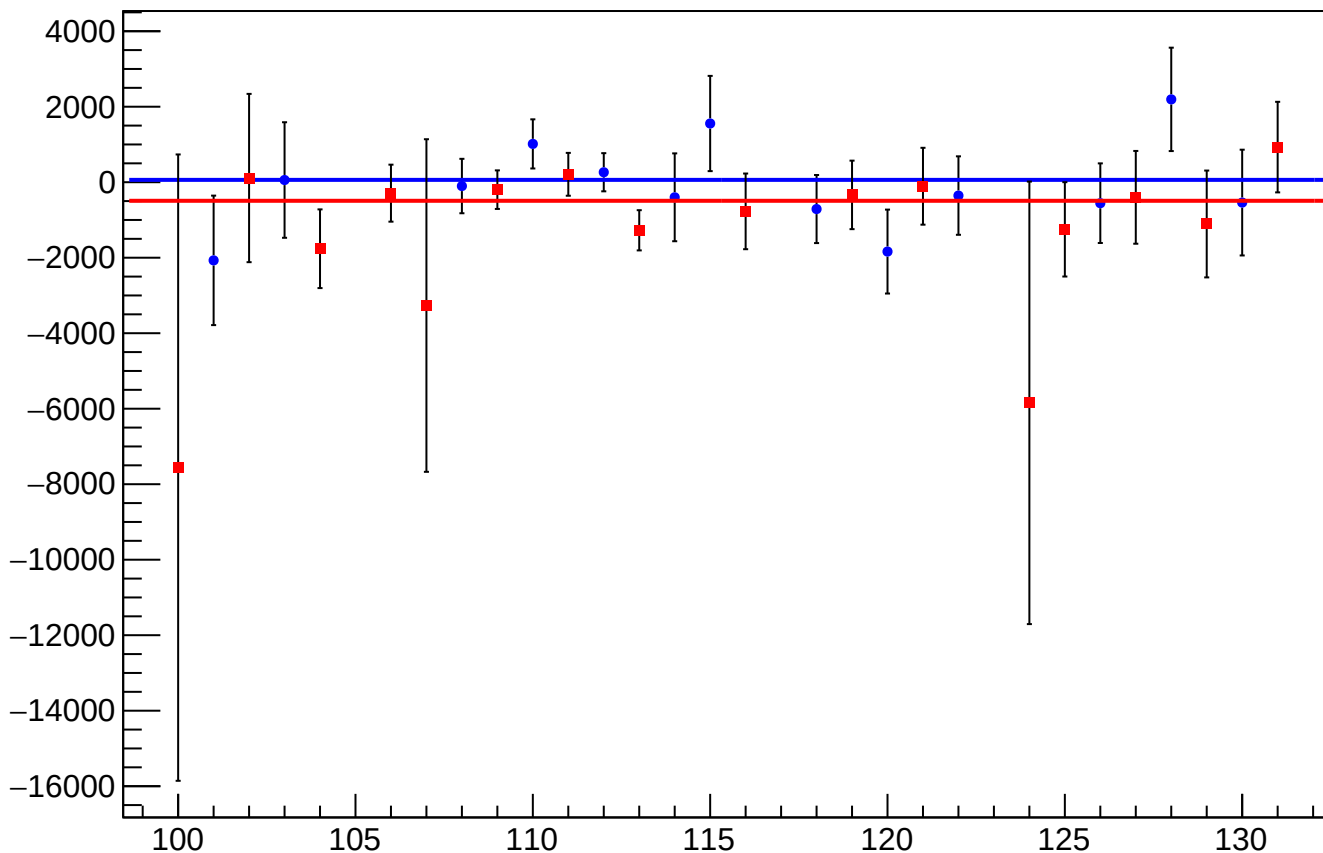
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1285.938+/-0.271 χ^2/NDF : 818524.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_mean vs Slug



Right In: 61.908+/-256.164 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -492.197+/-228.807 χ^2/NDF : 9.8/15

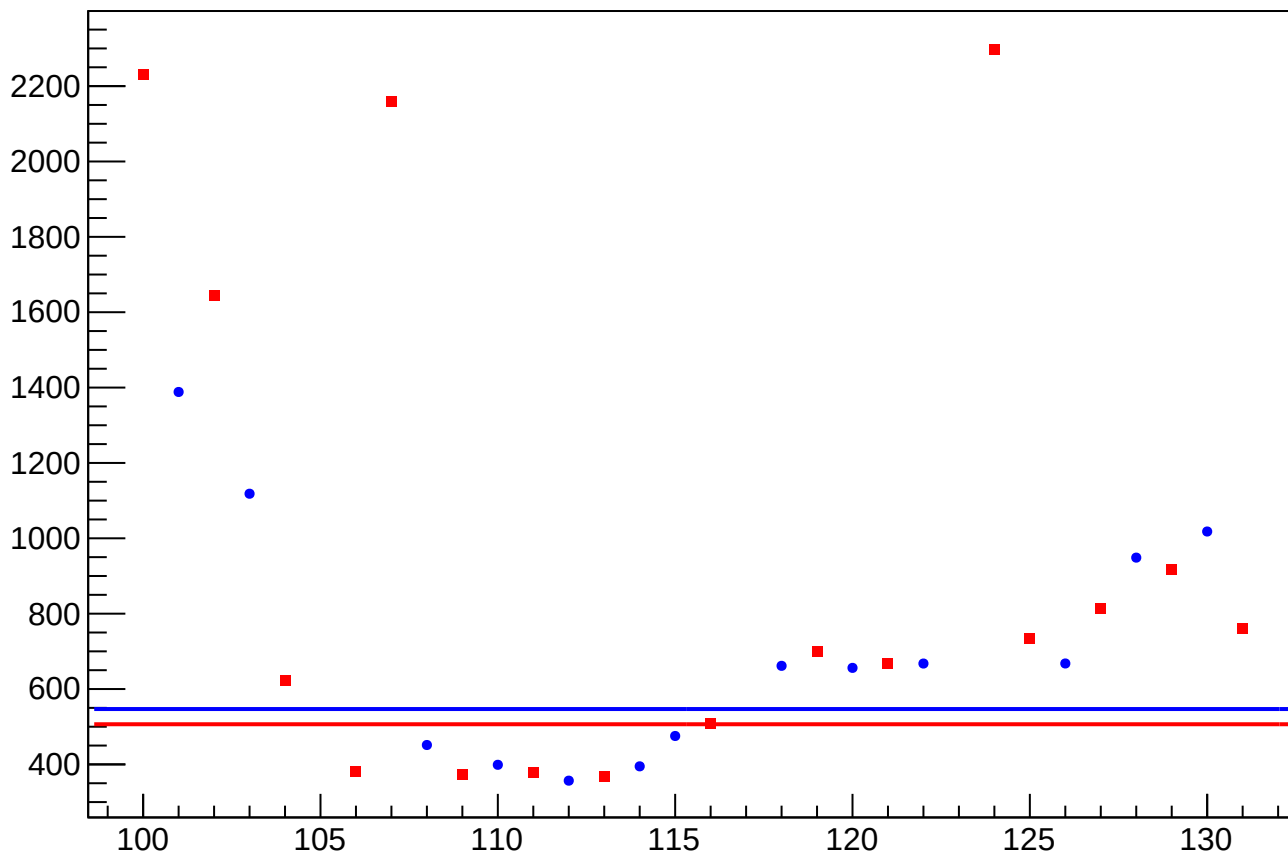
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -246.302+/-170.646 χ^2/NDF : 24.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_rms vs Slug



Right In: 546.929+/-0.181 χ^2/NDF : 1725354.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

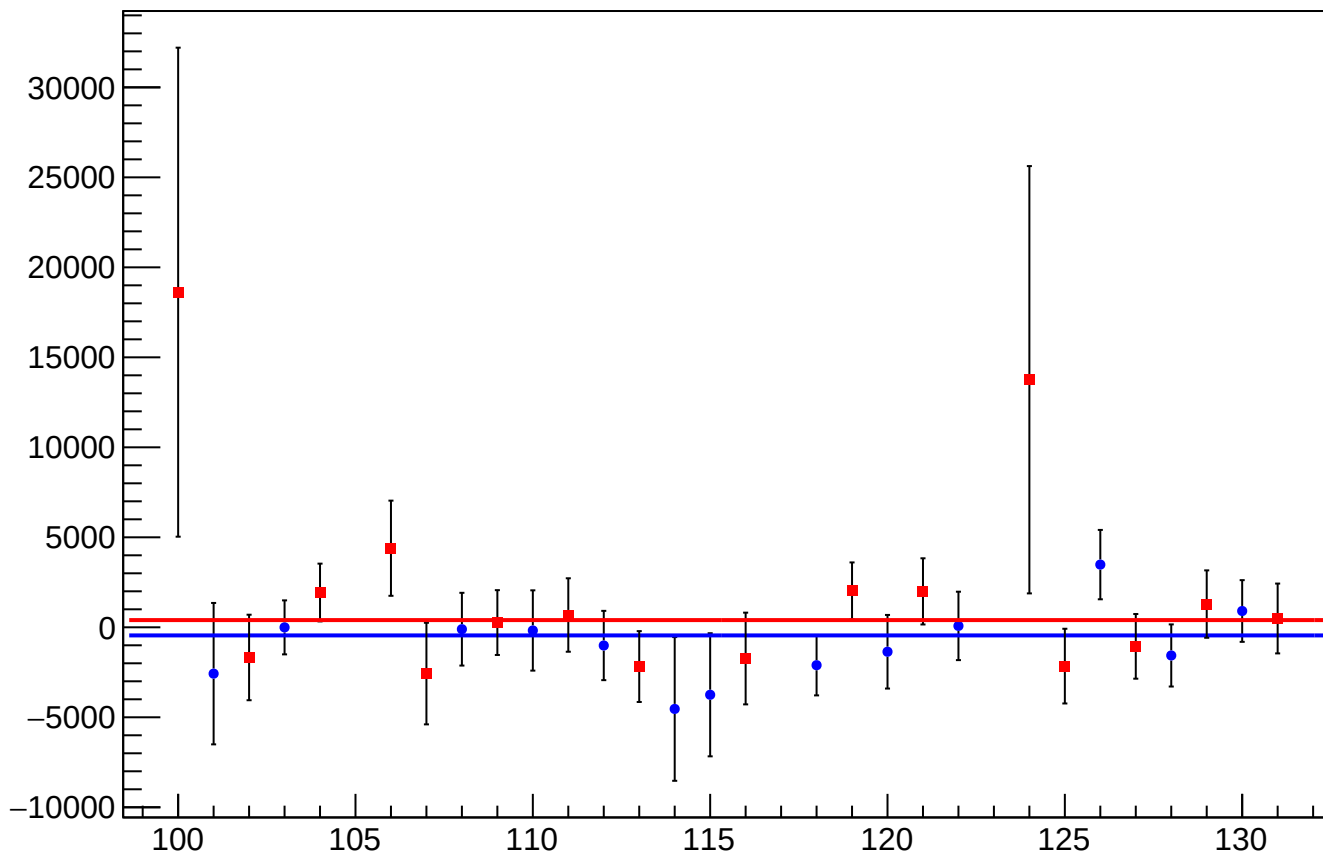
Right Out: 506.563+/-0.162 χ^2/NDF : 2122068.0/15

All: 524.476+/-0.121 χ^2/NDF : 3875045.7/28

- 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_avg_mean vs Slug



Right In: -450.755+/-559.954 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 400.583+/-527.397 χ^2/NDF : 14.8/15

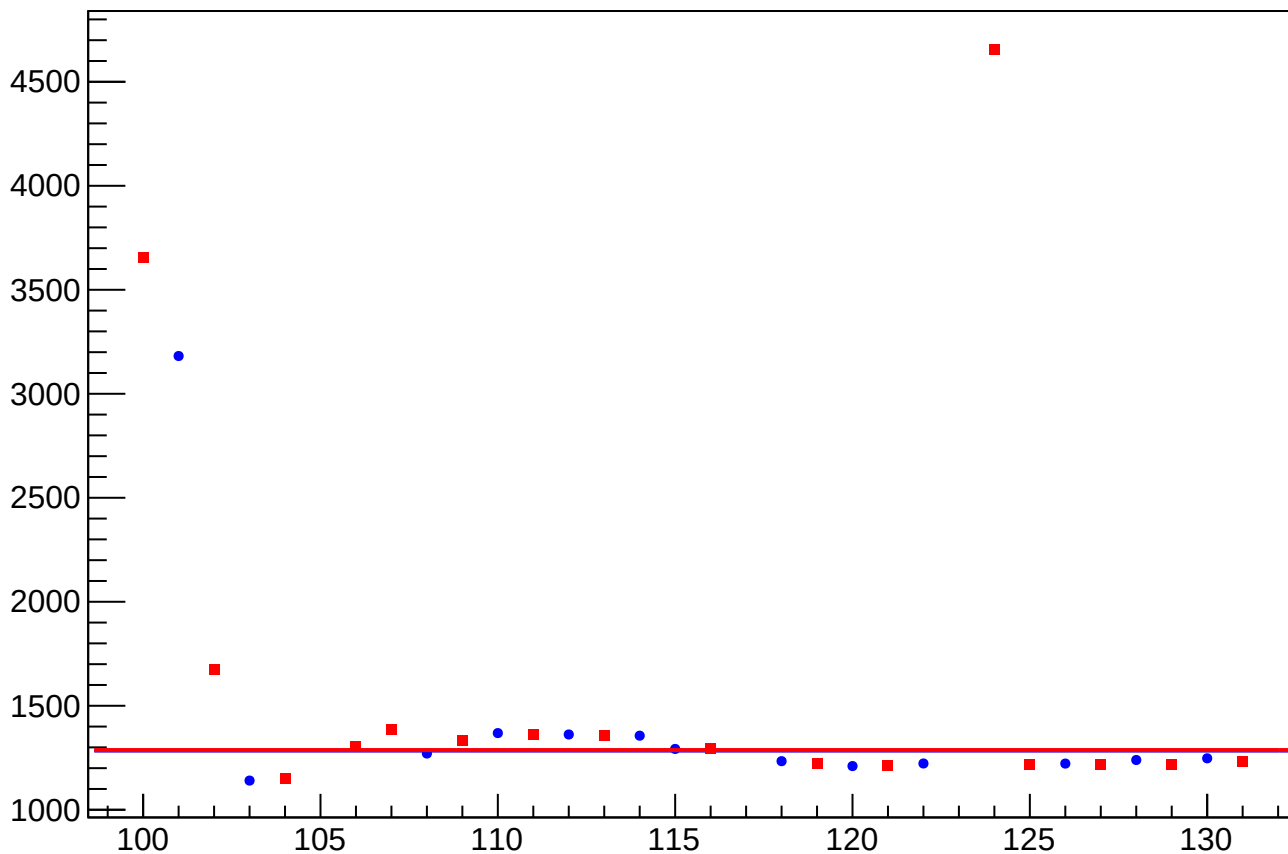
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.381+/-383.920 χ^2/NDF : 25.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1284.749 $\pm$ 0.396 χ^2 /NDF: 502673.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1286.993 $\pm$ 0.373 χ^2 /NDF: 315834.6/15

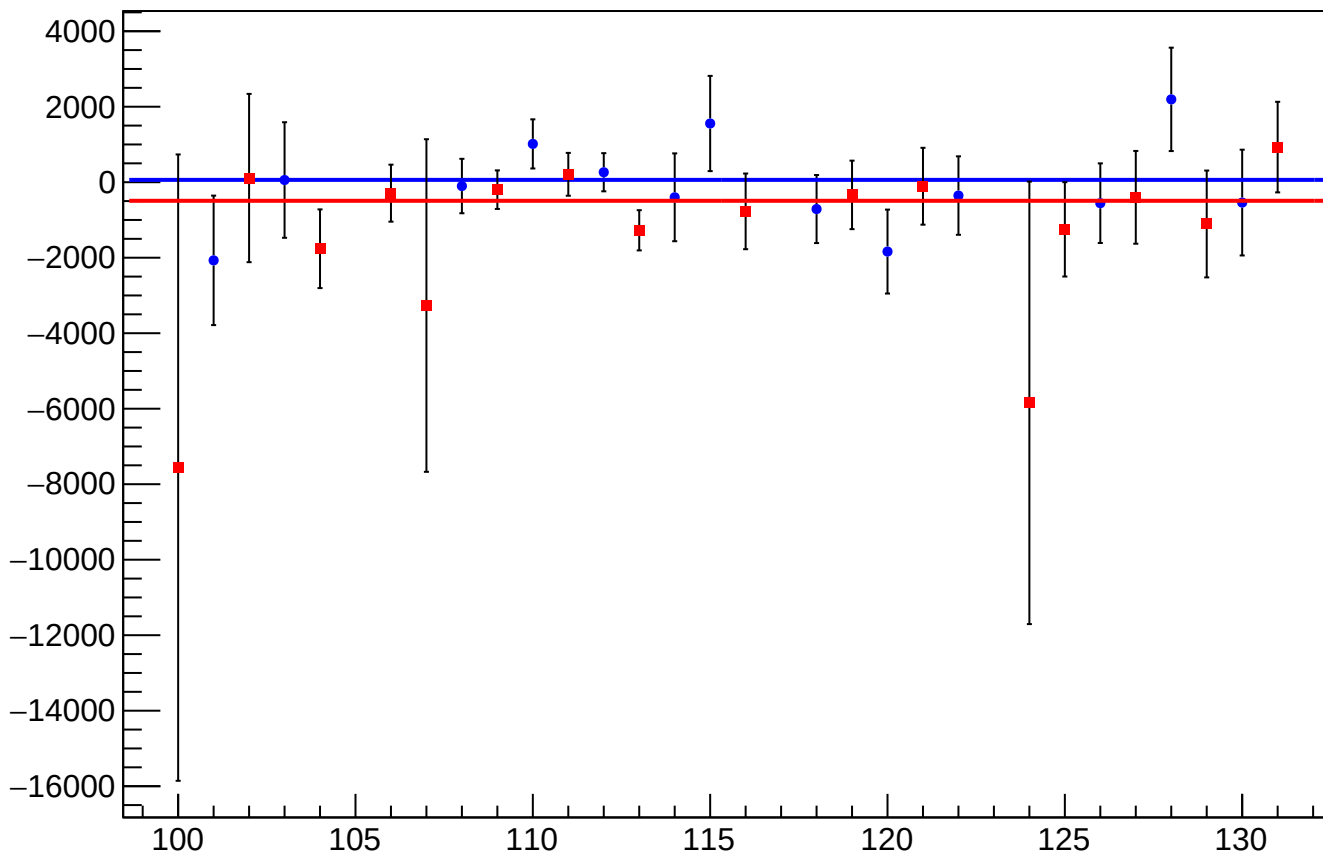
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1285.938 $\pm$ 0.271 χ^2 /NDF: 818524.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_mean vs Slug



Right In: 61.908+/-256.164 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -492.197+/-228.807 χ^2/NDF : 9.8/15

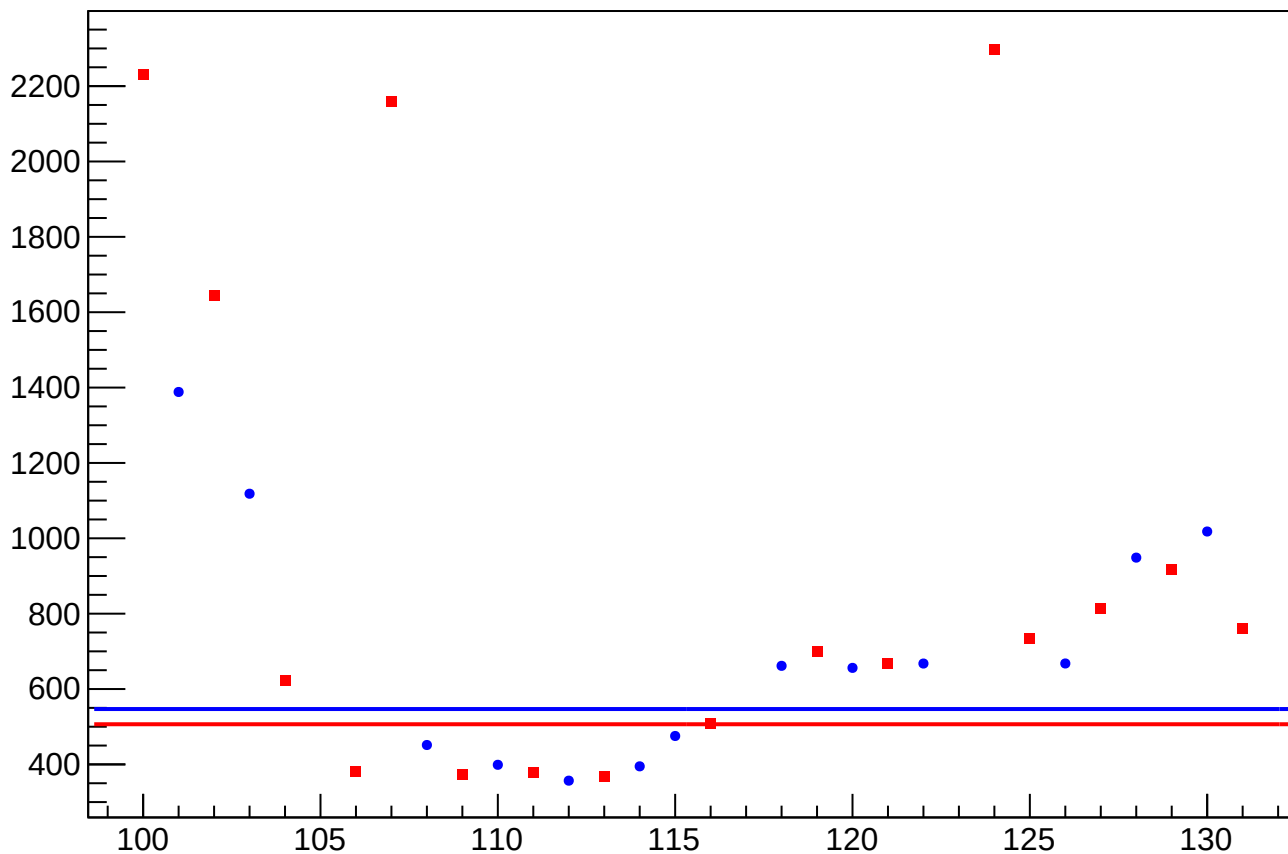
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -246.302+/-170.646 χ^2/NDF : 24.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_rms vs Slug



Right In: 546.929+/-0.181 χ^2/NDF : 1725354.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

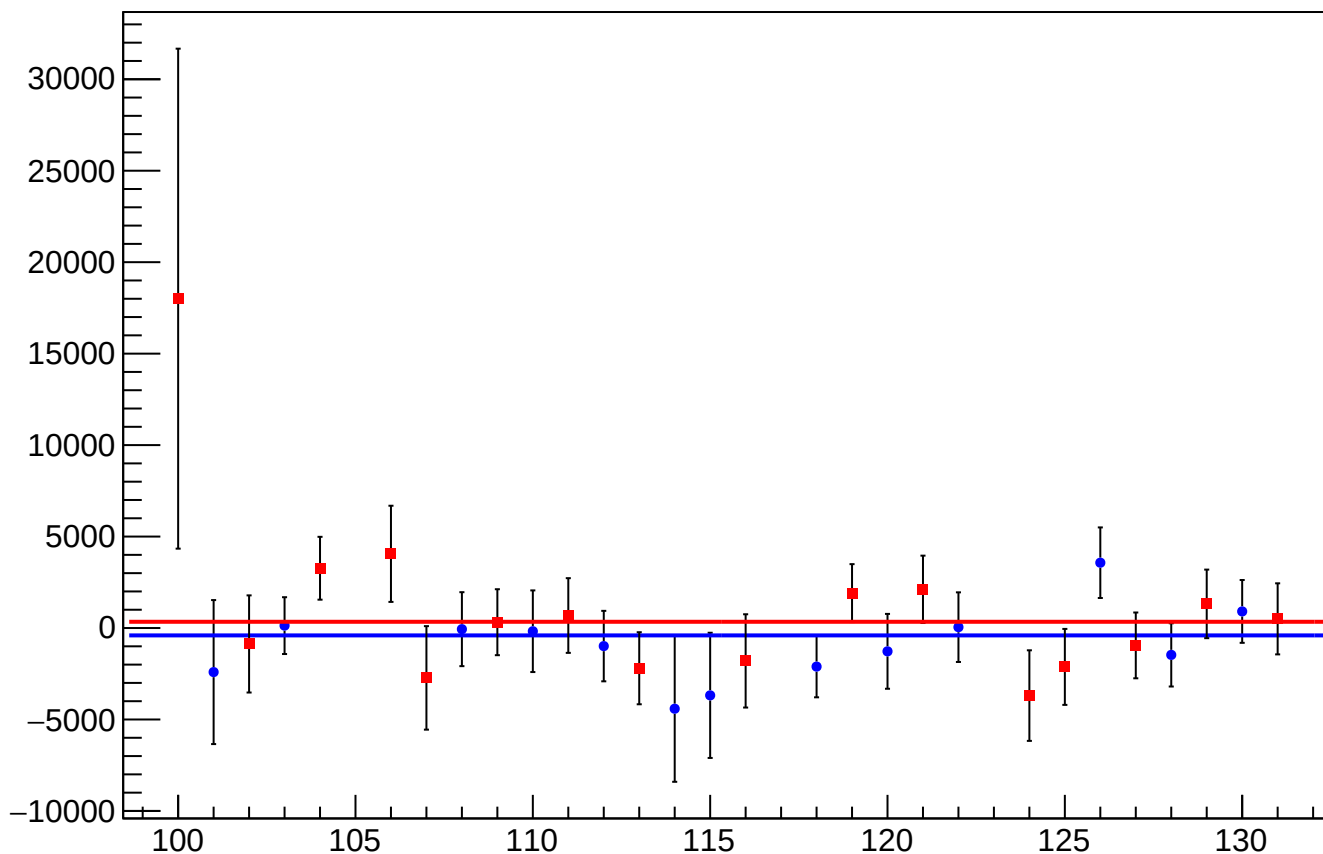
Right Out: 506.563+/-0.162 χ^2/NDF : 2122068.0/15

All: 524.476+/-0.121 χ^2/NDF : 3875045.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -403.040+/-563.051 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 341.558+/-522.512 χ^2/NDF : 17.1/15

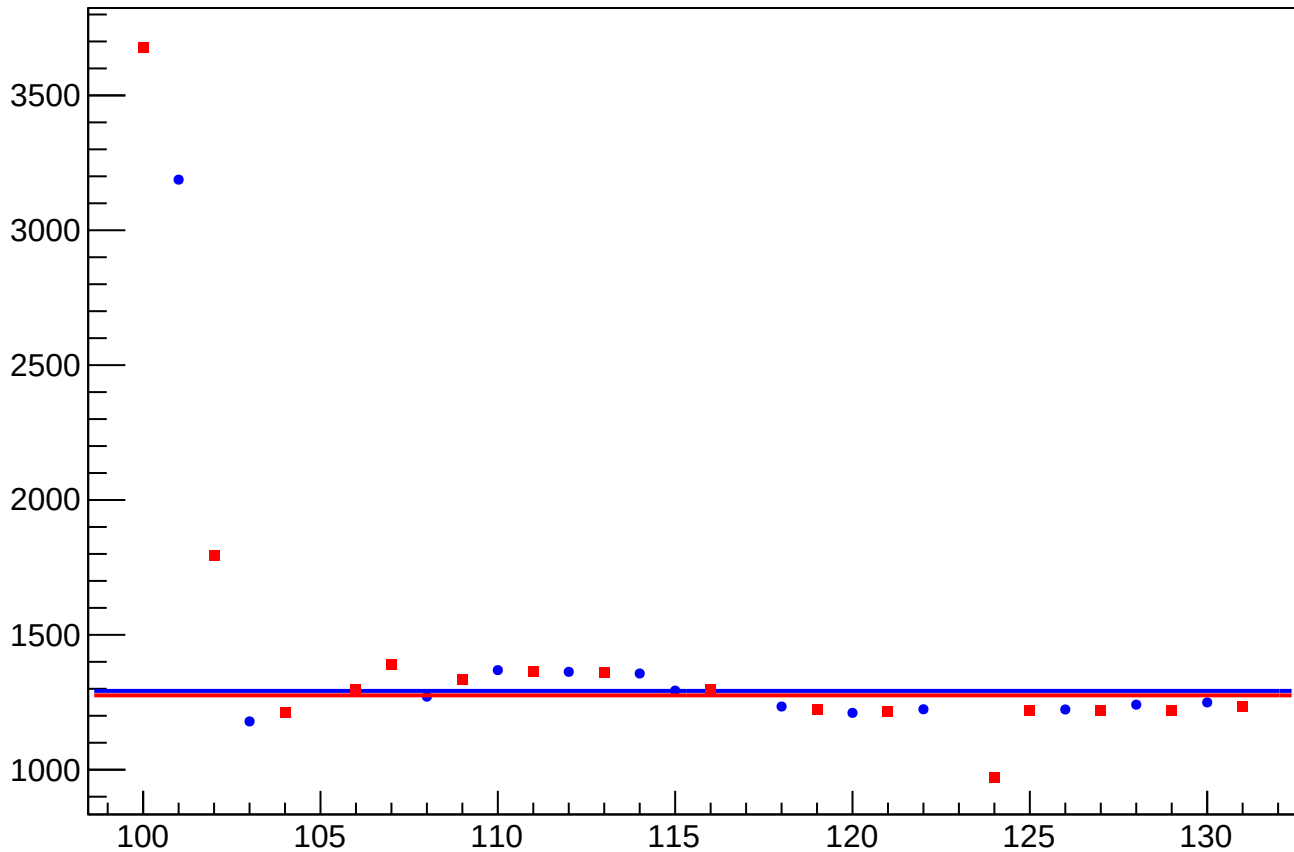
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.974+/-383.002 χ^2/NDF : 27.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1292.220+/-0.398 χ^2/NDF : 493836.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1275.788+/-0.369 χ^2/NDF : 194548.1/15

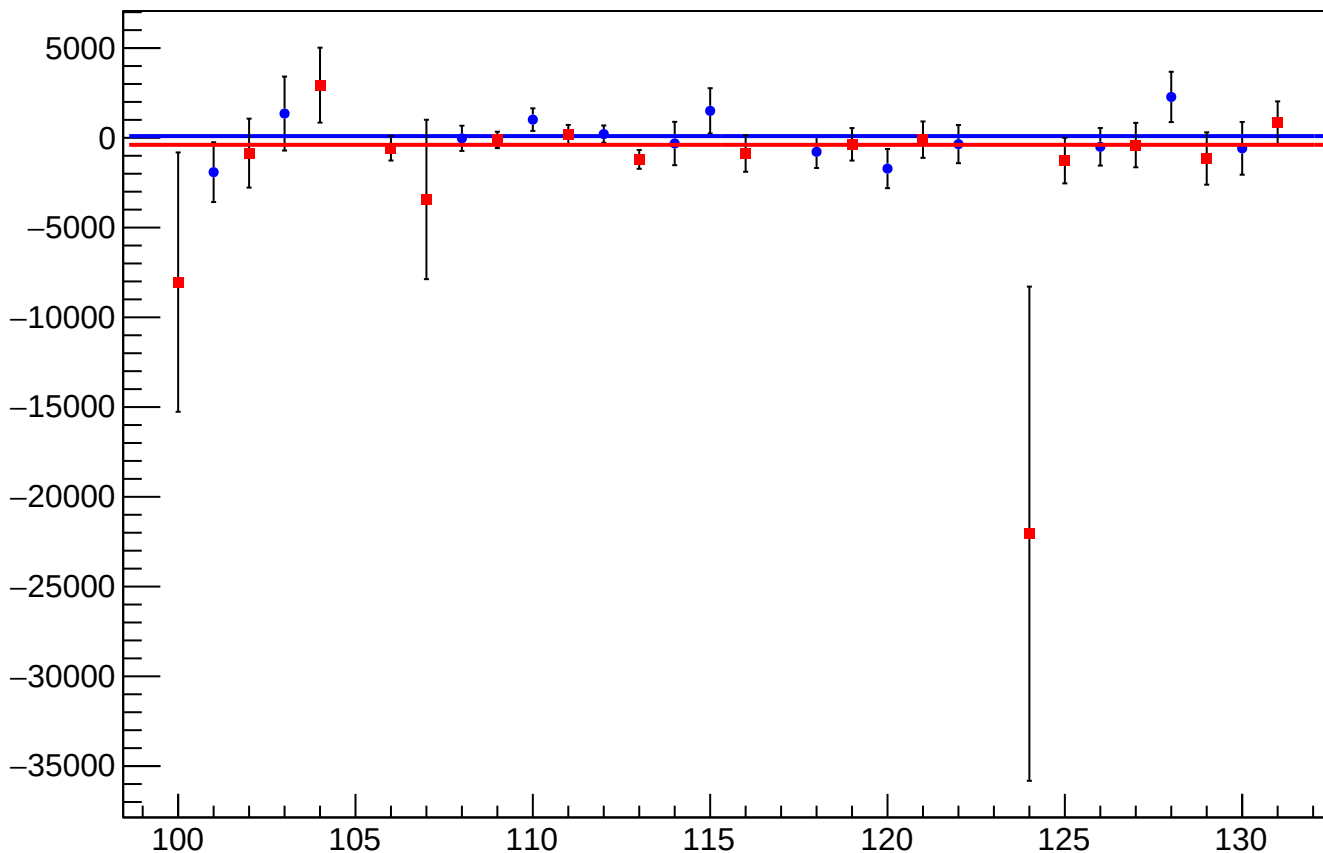
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1283.391+/-0.271 χ^2/NDF : 689299.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_mean vs Slug



Right In: 95.786 $\pm$ 252.827 χ^2 /NDF: 12.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -389.926 $\pm$ 222.217 χ^2 /NDF: 12.8/15

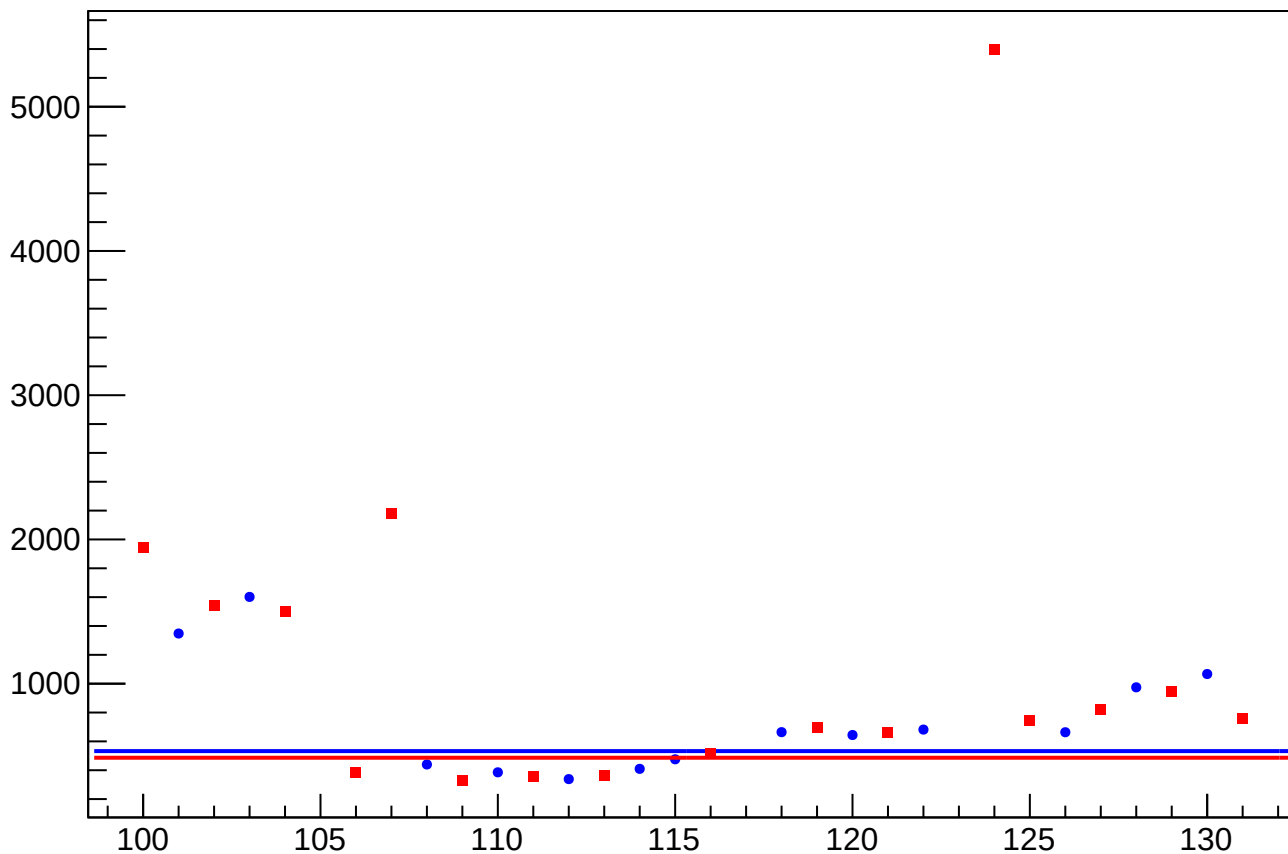
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -178.238 $\pm$ 166.910 χ^2 /NDF: 27.1/28

- 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: 532.585+/-0.179 χ^2/NDF : 2111777.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 486.634+/-0.157 χ^2/NDF : 2922315.1/15

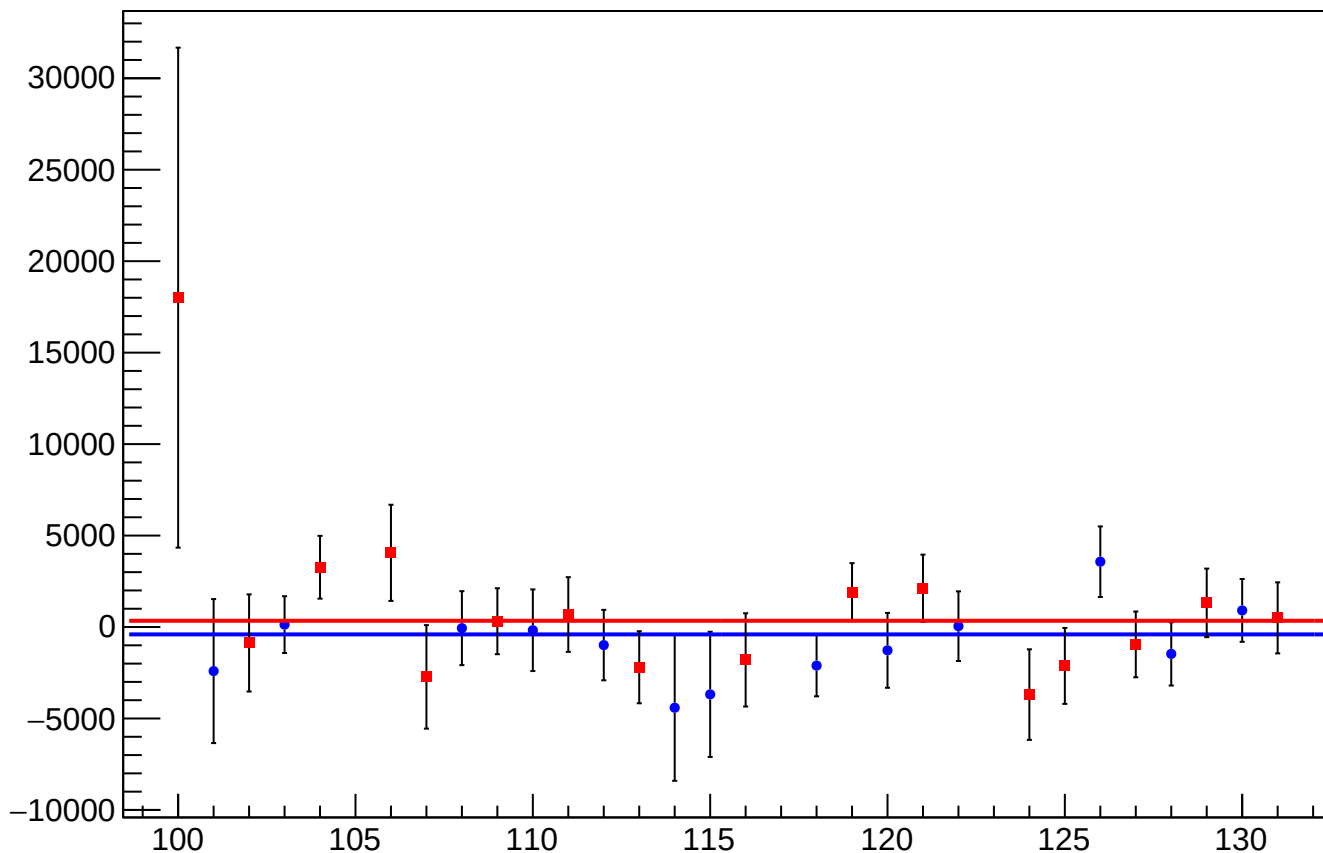
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 506.661+/-0.118 χ^2/NDF : 5071364.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -403.040+/-563.051 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 341.559+/-522.512 χ^2/NDF : 17.1/15

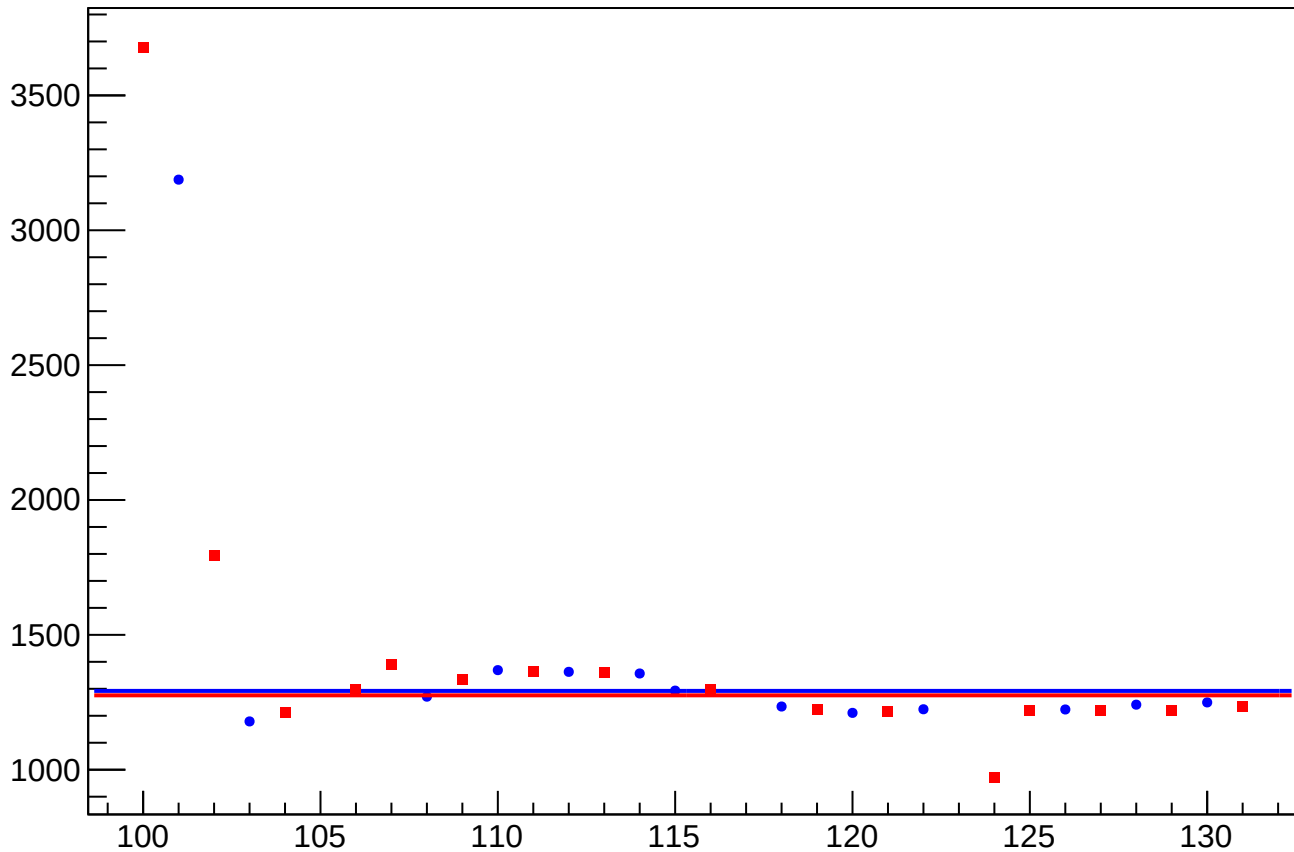
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.973+/-383.002 χ^2/NDF : 27.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1292.220+/-0.398 χ^2/NDF : 493836.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1275.788+/-0.369 χ^2/NDF : 194548.4/15

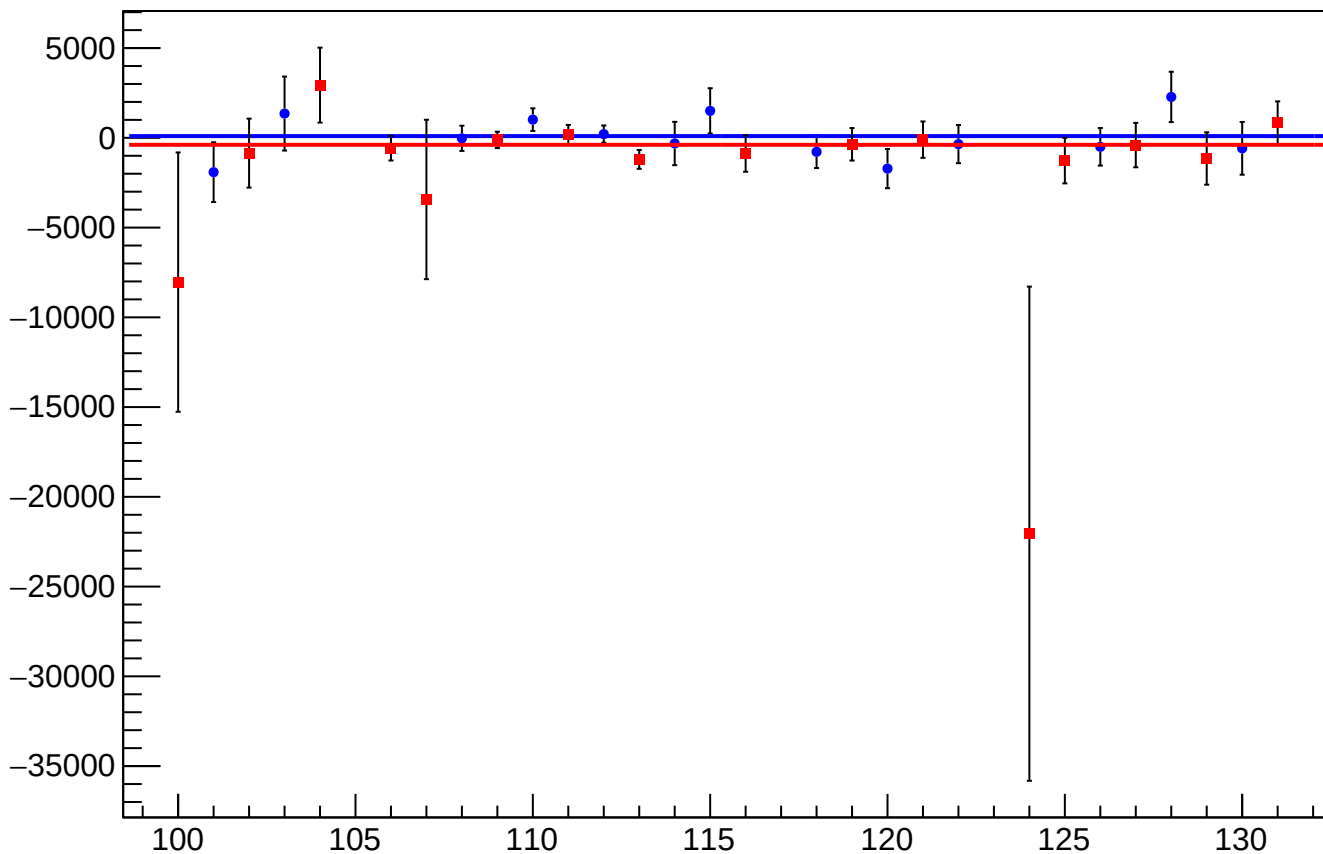
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1283.391+/-0.271 χ^2/NDF : 689299.6/28

- 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: 95.787 $\pm$ 252.825 χ^2 /NDF: 12.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -389.925 $\pm$ 222.216 χ^2 /NDF: 12.8/15

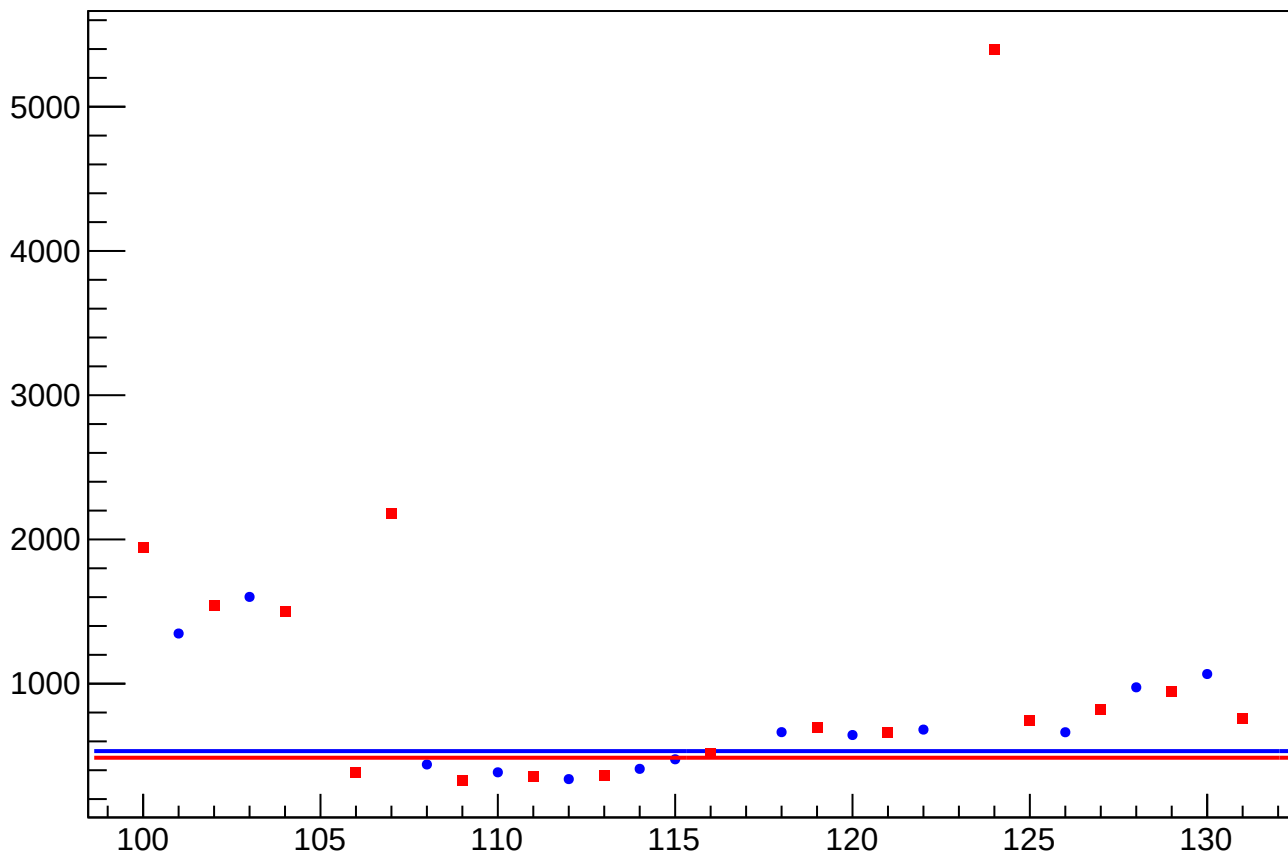
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -178.236 $\pm$ 166.909 χ^2 /NDF: 27.1/28

- 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: 532.582+/-0.179 χ^2/NDF : 2111781.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 486.633+/-0.157 χ^2/NDF : 2922321.4/15

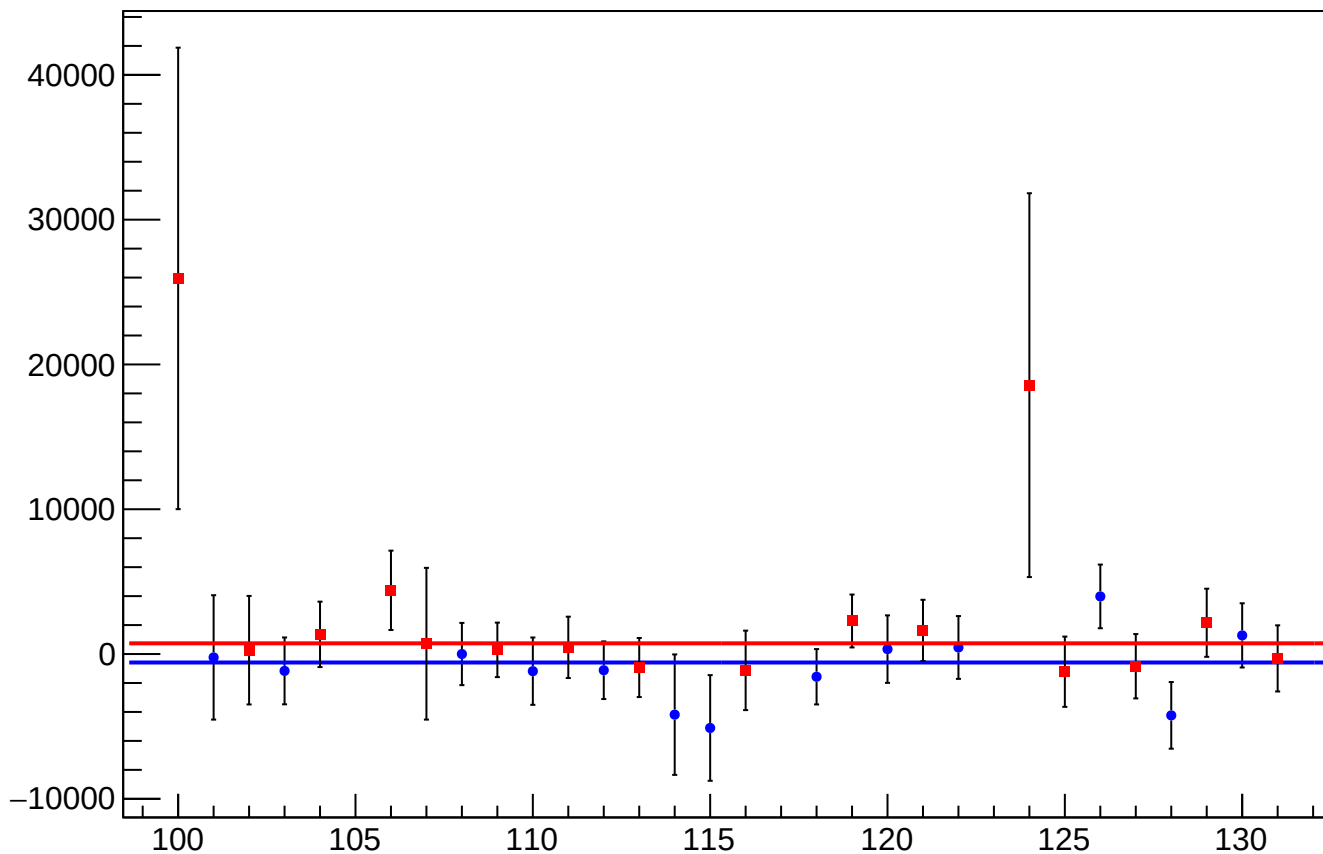
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 506.659+/-0.118 χ^2/NDF : 5071372.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -584.343+/-659.699 χ^2/NDF : 10.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 739.642+/-621.070 χ^2/NDF : 10.0/15

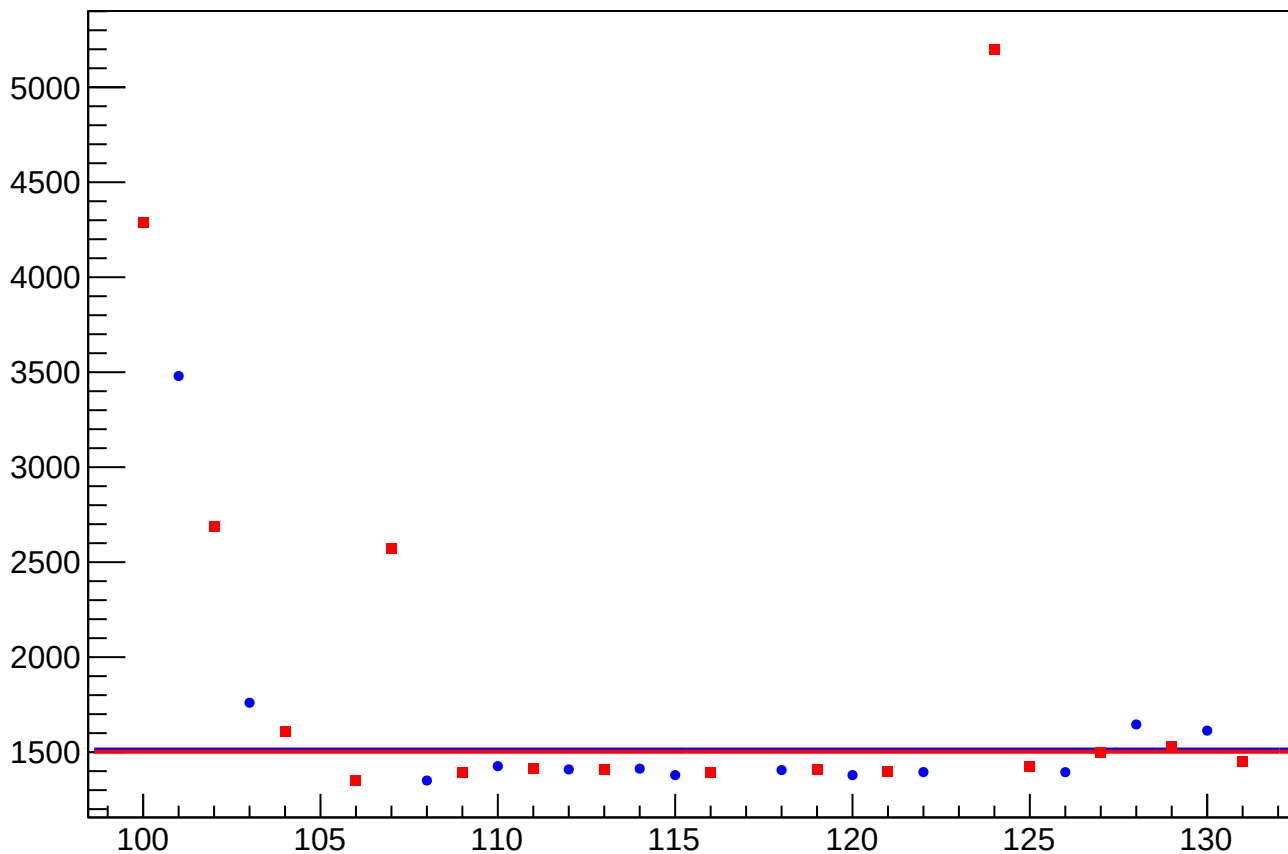
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.546+/-452.203 χ^2/NDF : 22.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1513.636+/-0.466 χ^2/NDF : 501118.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1502.206+/-0.439 χ^2/NDF : 540886.9/15

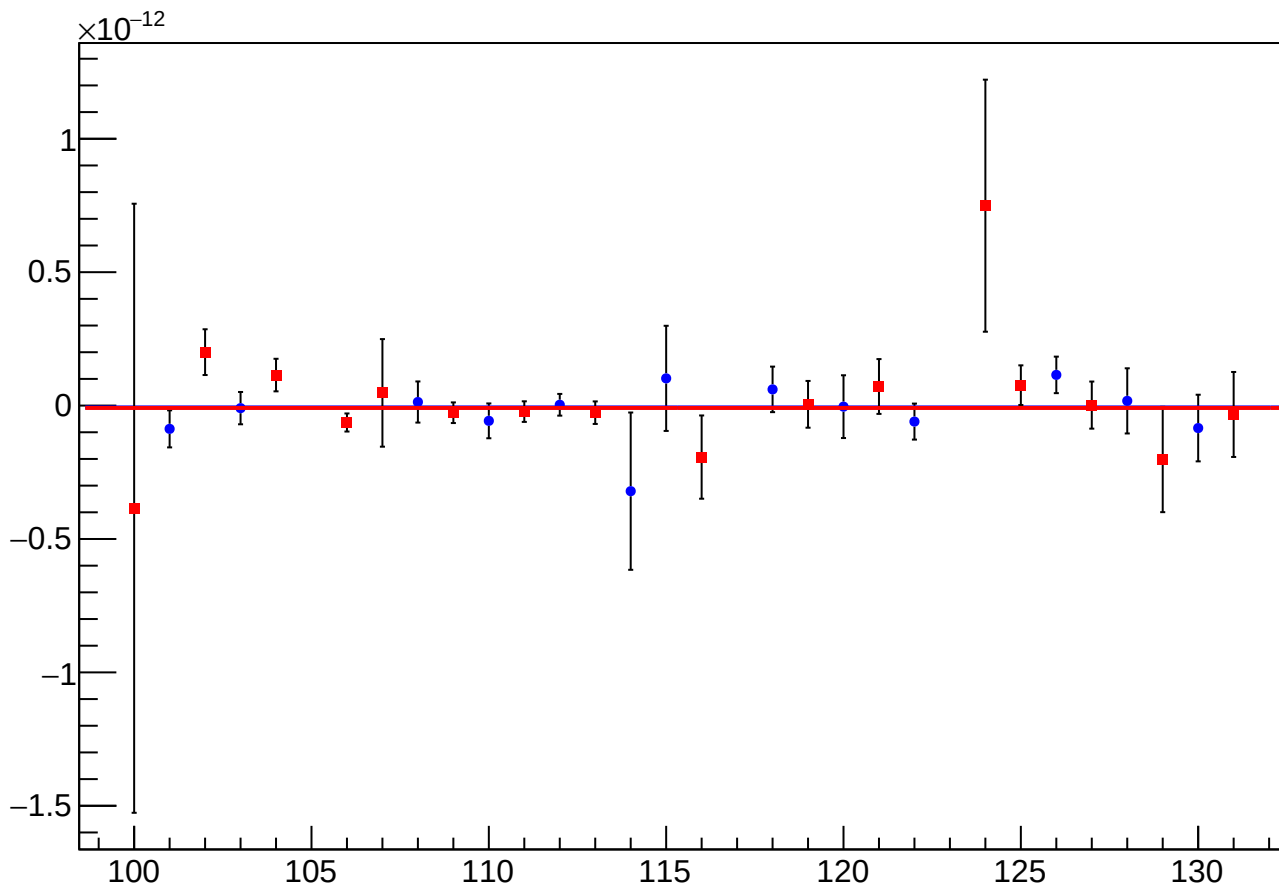
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1507.577+/-0.320 χ^2/NDF : 1042323.2/28

- 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: 8.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.3/15

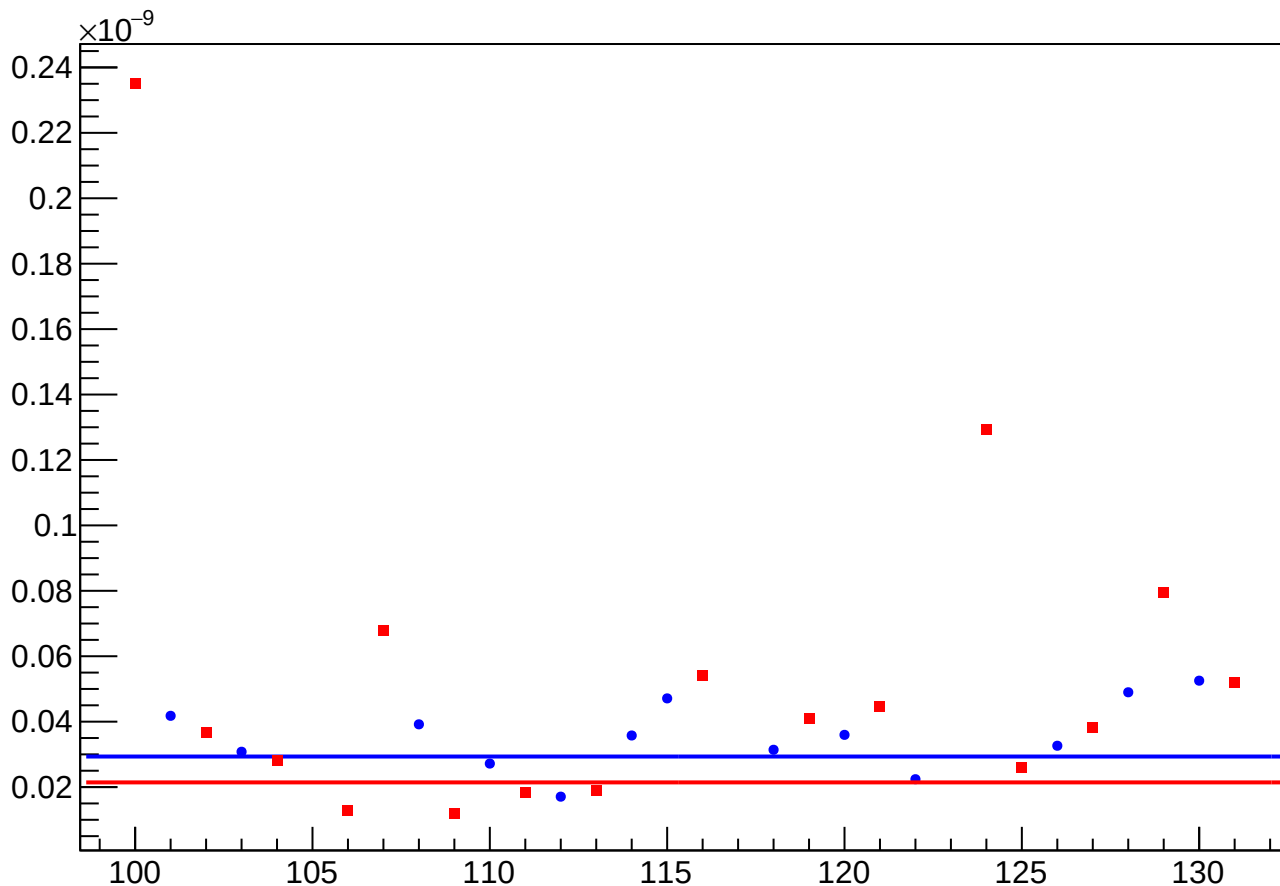
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 28.6/28

- 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+/-0.000 χ^2/NDF : 453057.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1257552.1/15

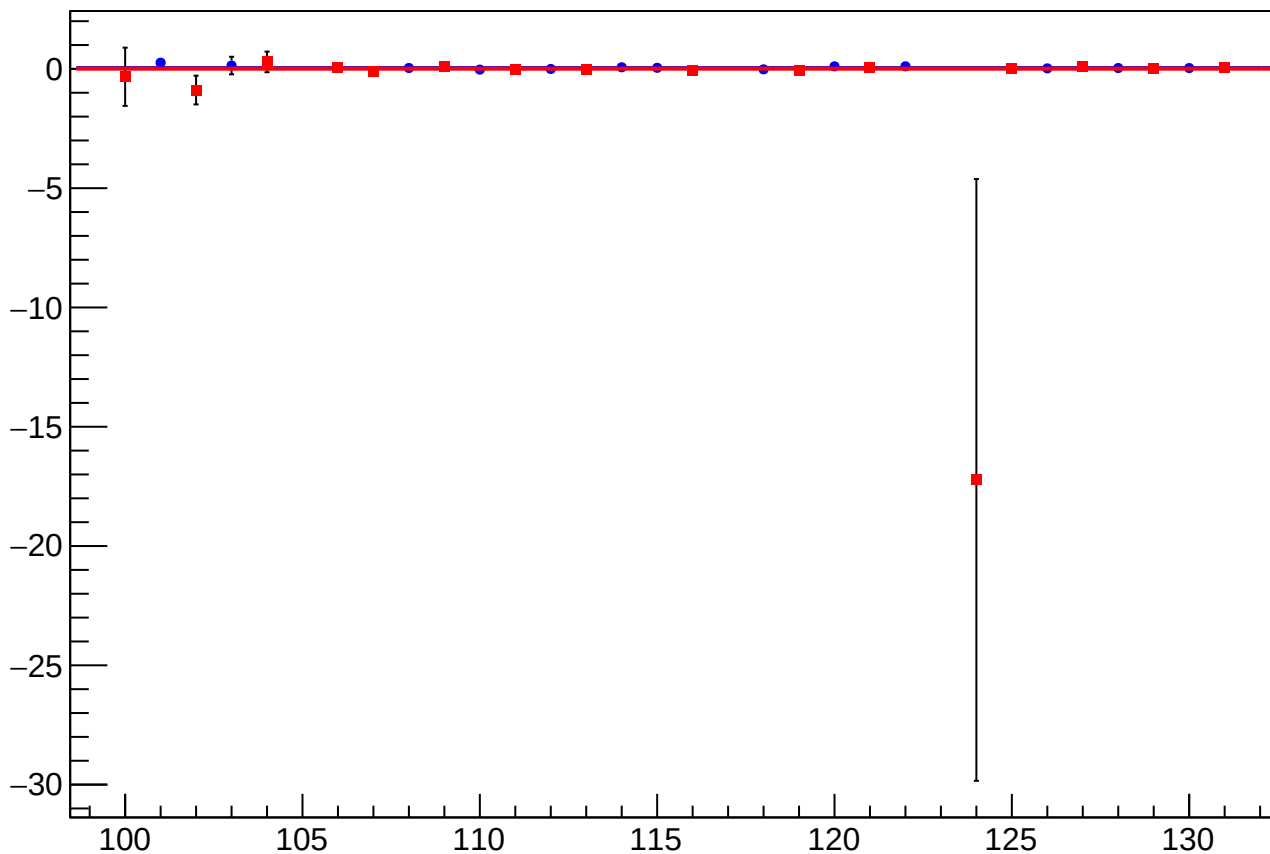
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1890602.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.033+/-0.019 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.018 χ^2/NDF : 15.2/15

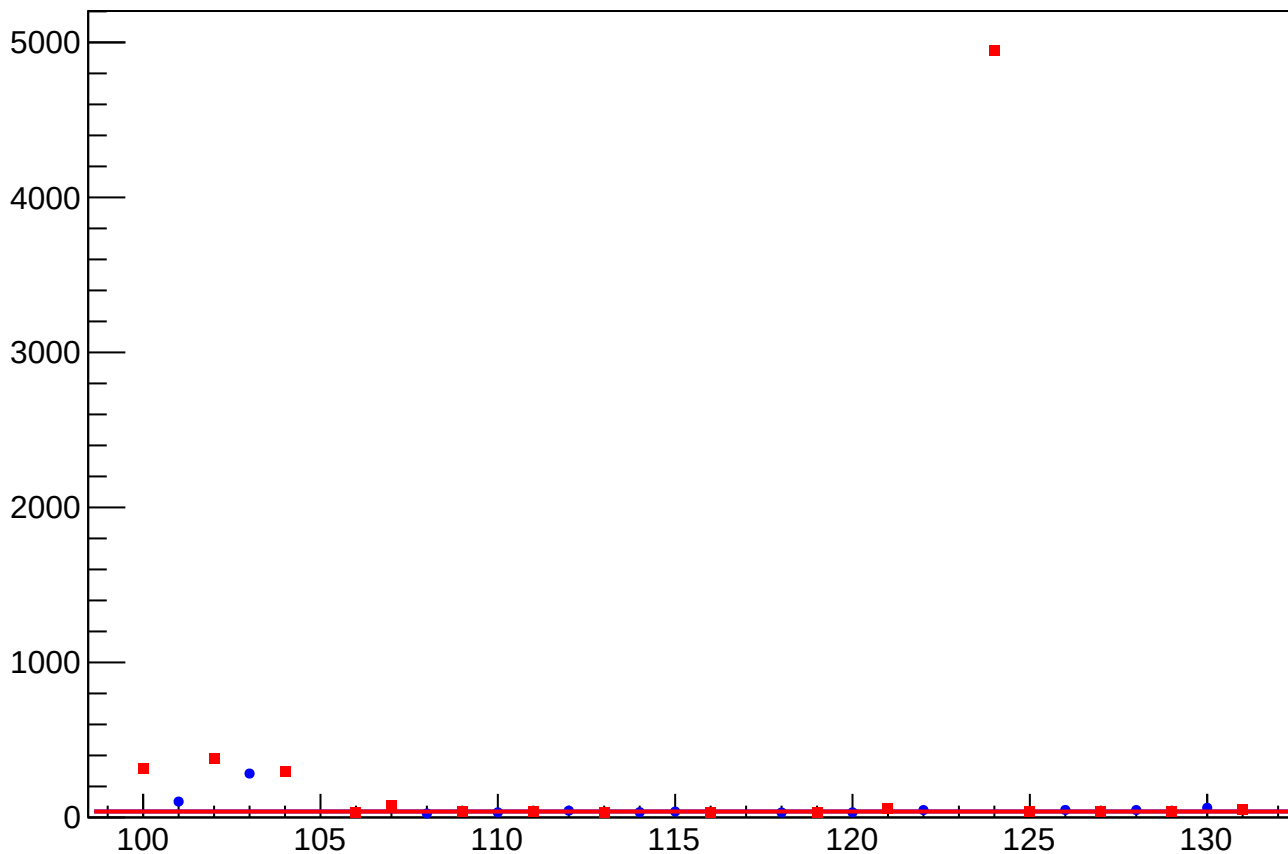
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.013 χ^2/NDF : 24.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_rms vs Slug



Right In: 38.749 $\pm$ 0.013 χ^2 /NDF: 1825561.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.142 $\pm$ 0.013 χ^2 /NDF: 2100236.1/15

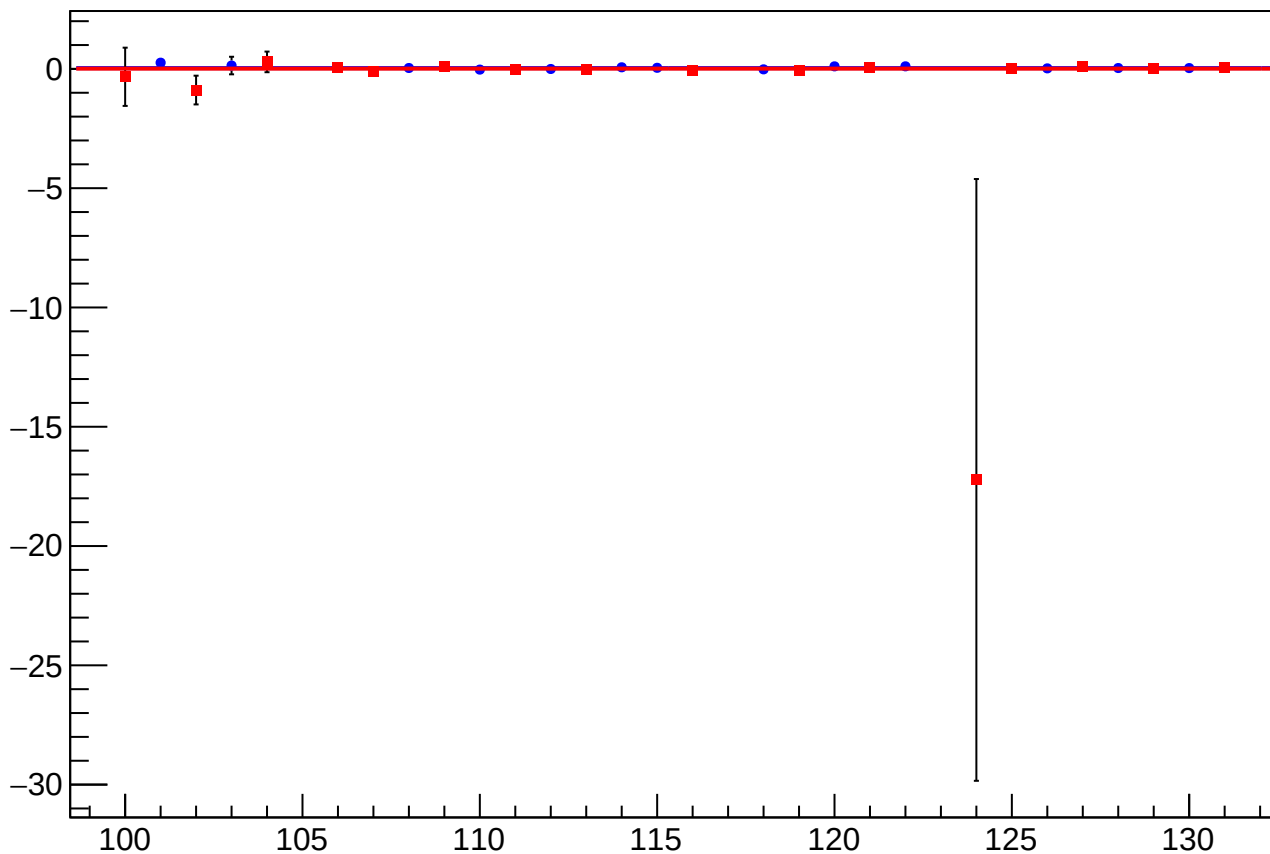
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 38.432 $\pm$ 0.009 χ^2 /NDF: 3926854.2/28

- 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: 0.033+/-0.019 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.018 χ^2/NDF : 15.2/15

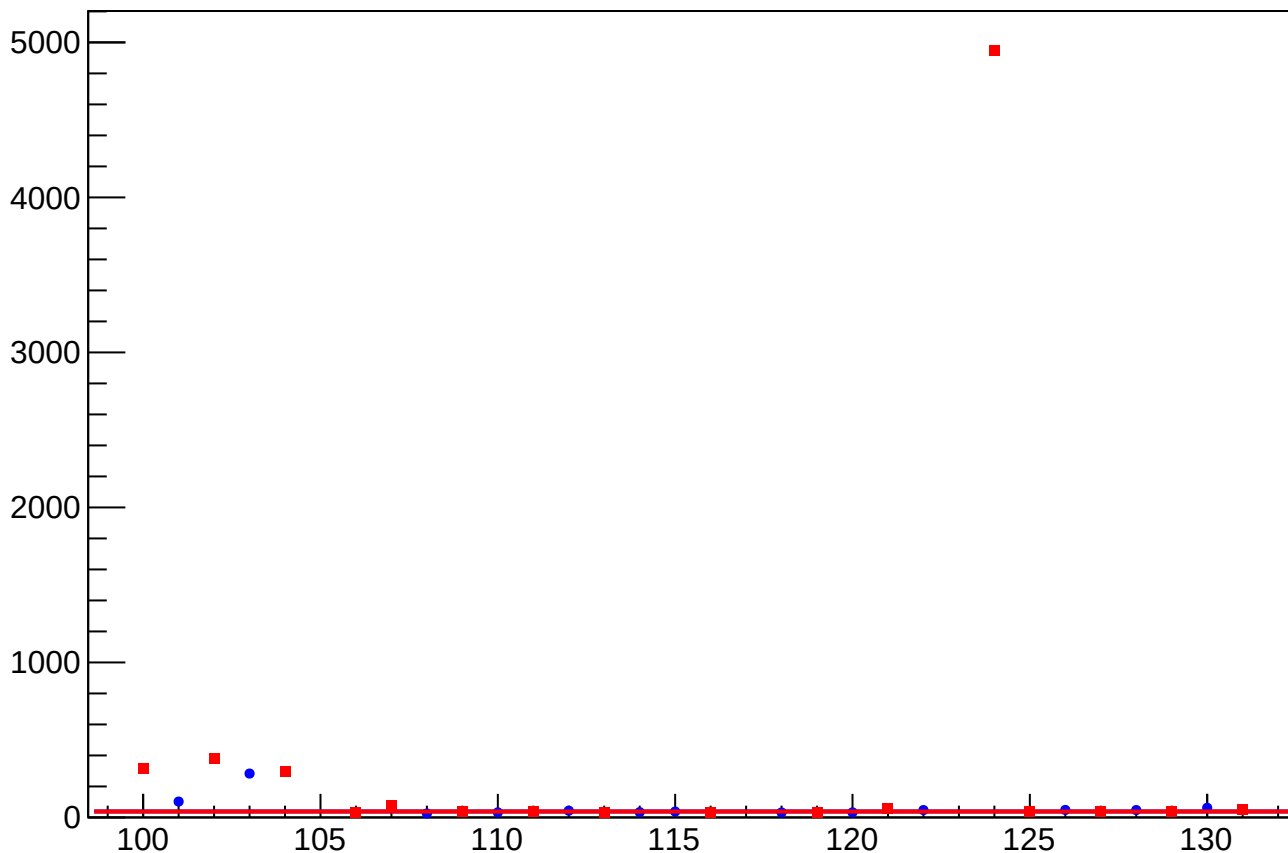
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.013 χ^2/NDF : 24.2/28

- 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: 38.749 $\pm$ 0.013 χ^2 /NDF: 1825561.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.142 $\pm$ 0.013 χ^2 /NDF: 2100236.1/15

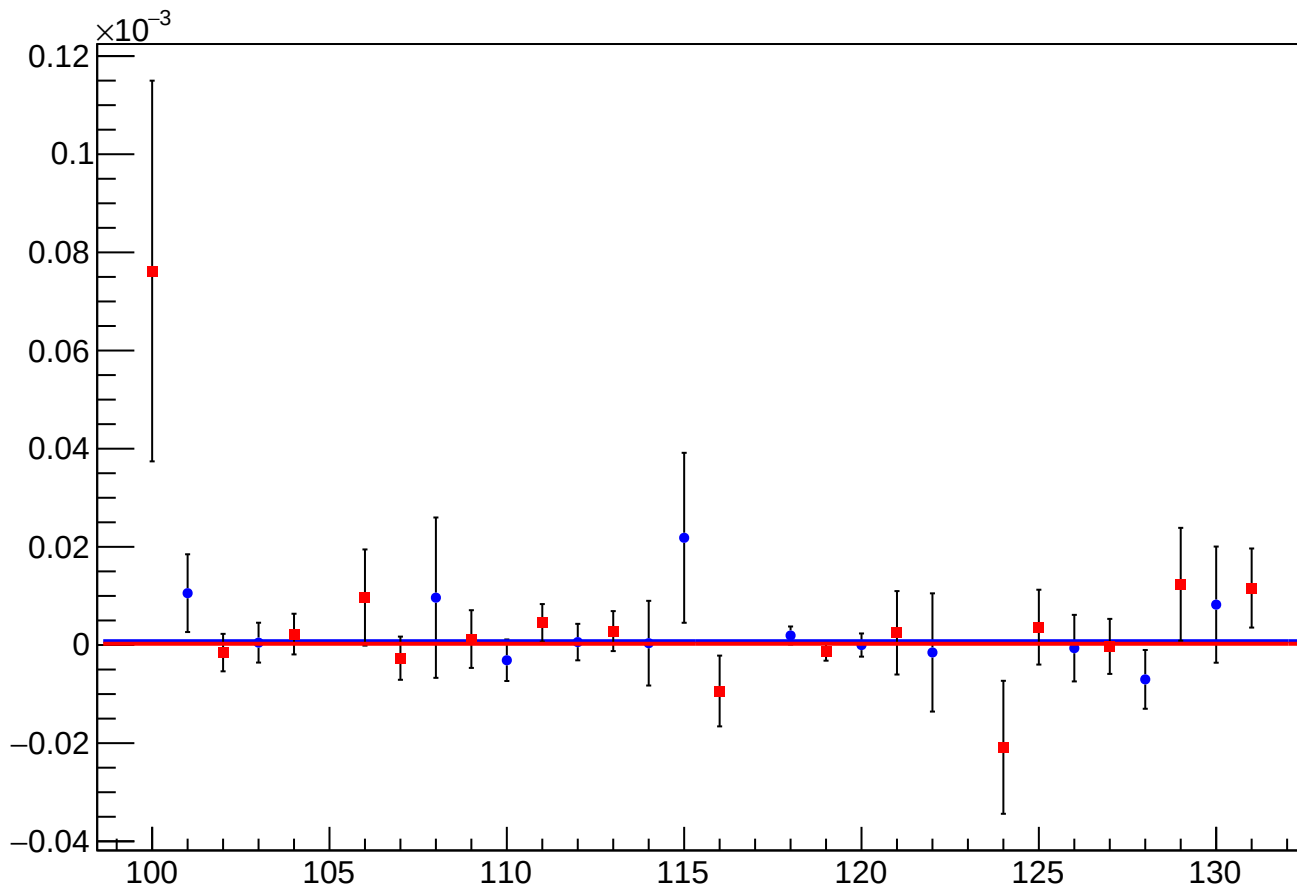
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 38.432 $\pm$ 0.009 χ^2 /NDF: 3926854.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.7/15

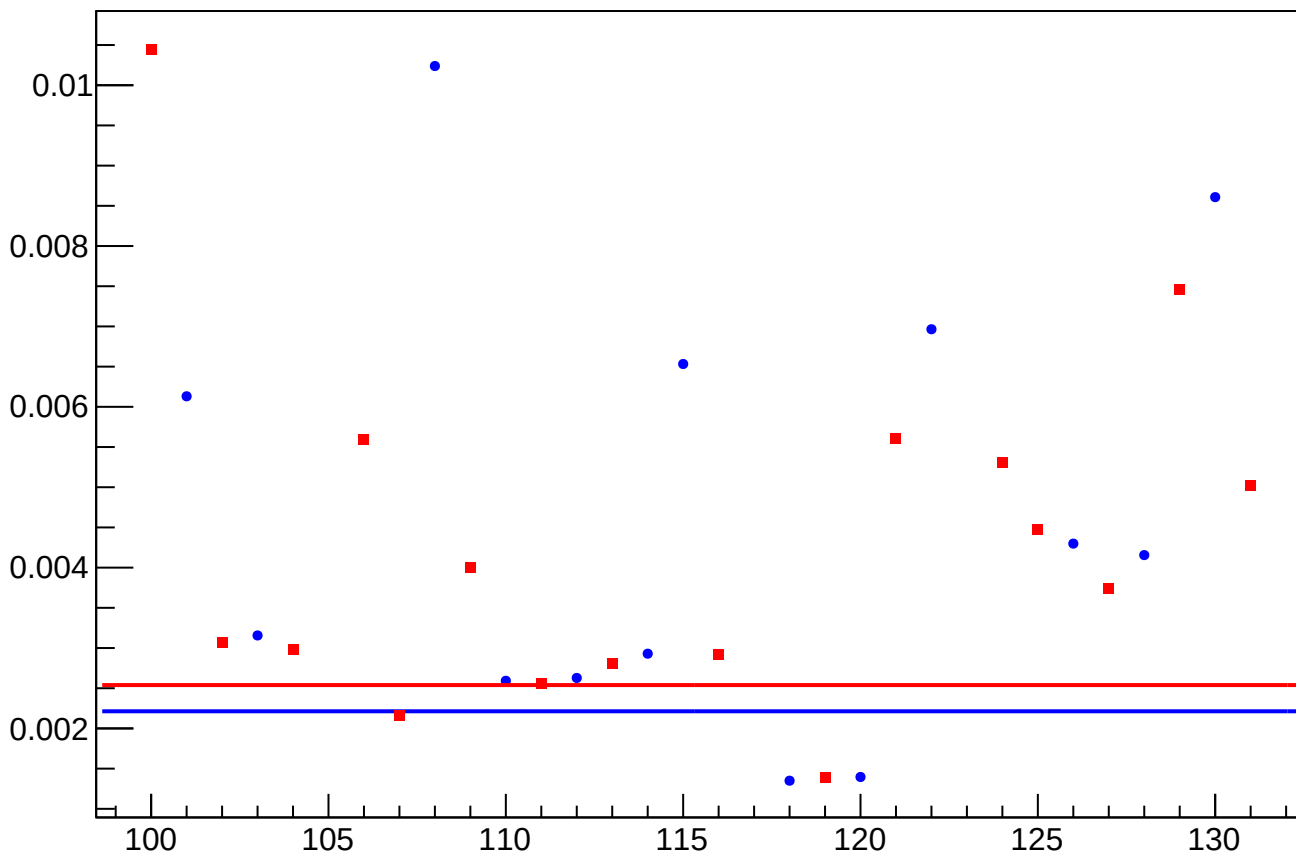
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.7/28

- 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 : 3235633.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2418354.0/15

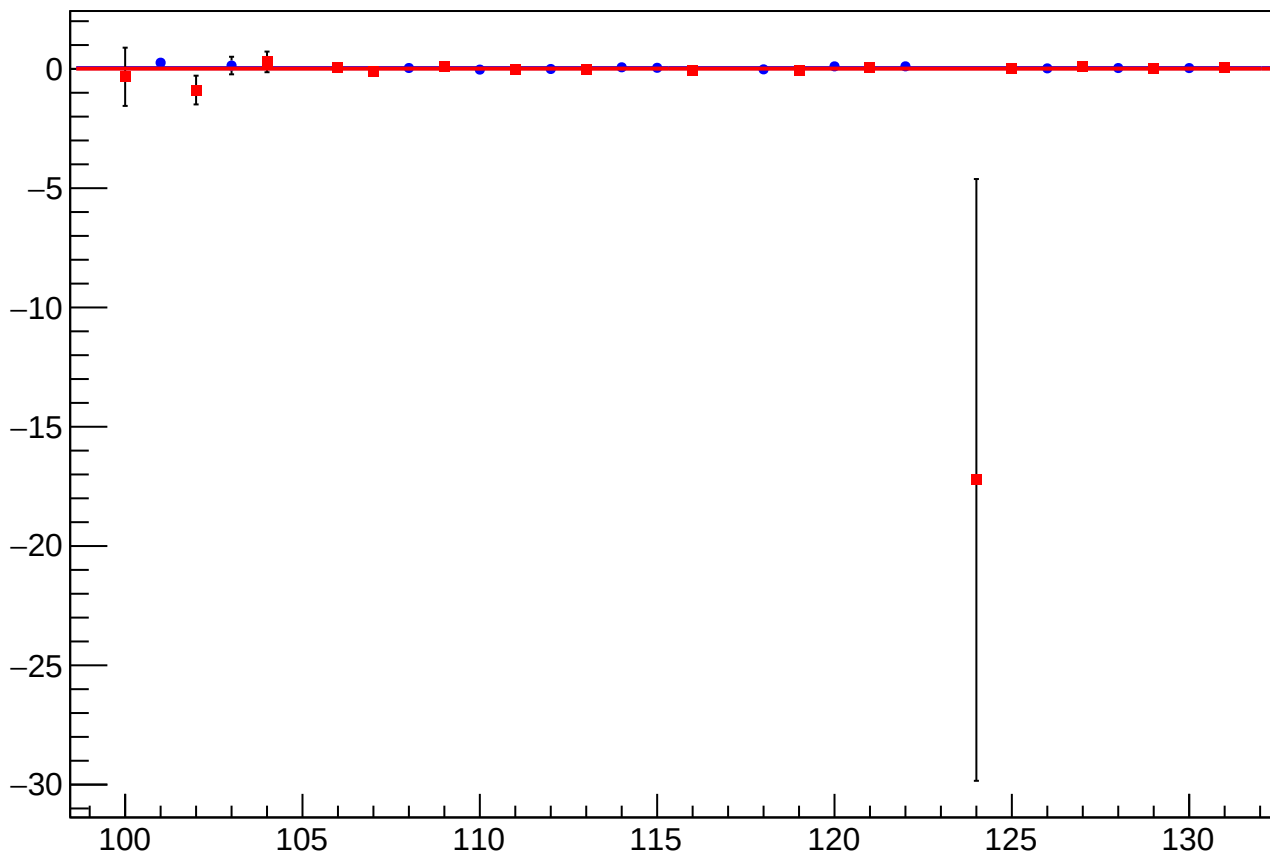
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5735224.8/28

- 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: 0.033 $\pm$ 0.019 χ^2 /NDF: 8.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.011 $\pm$ 0.018 χ^2 /NDF: 15.2/15

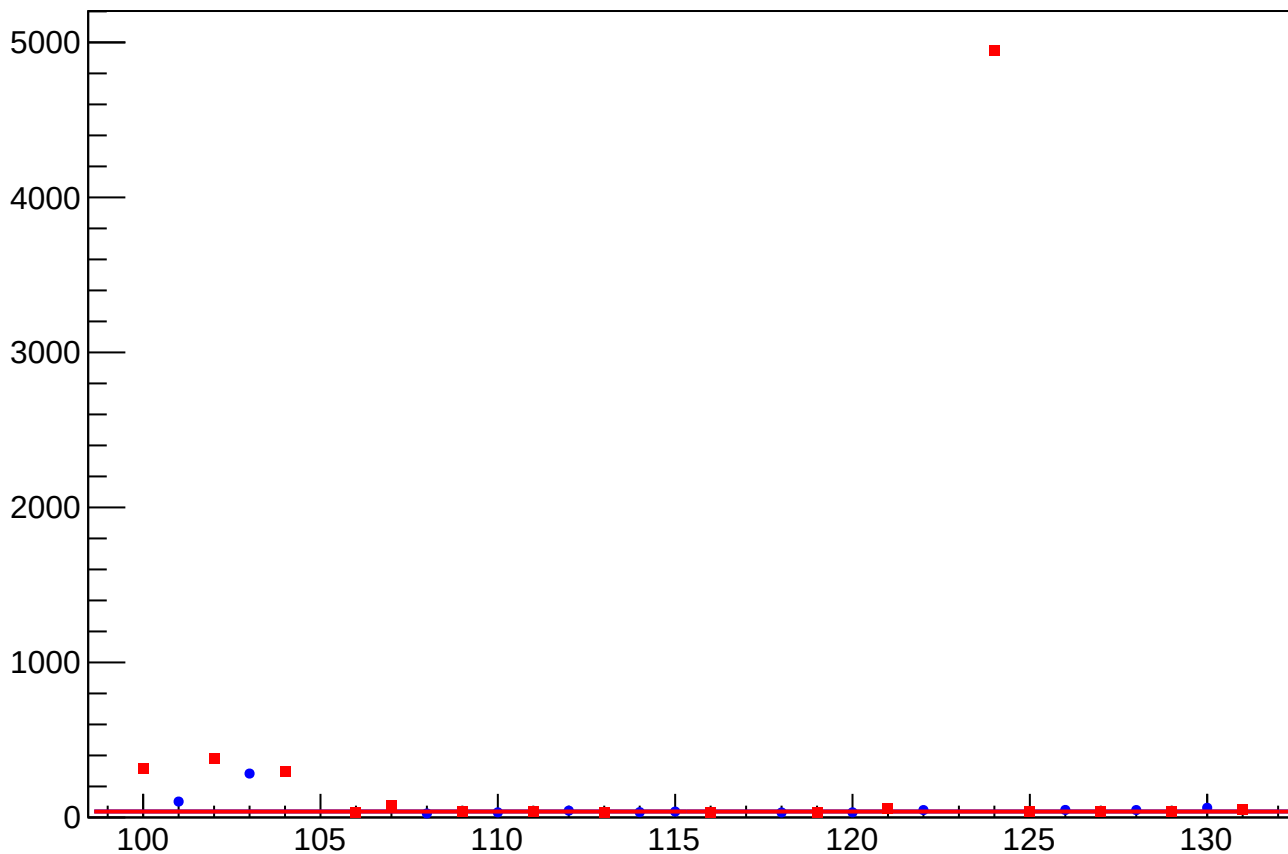
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

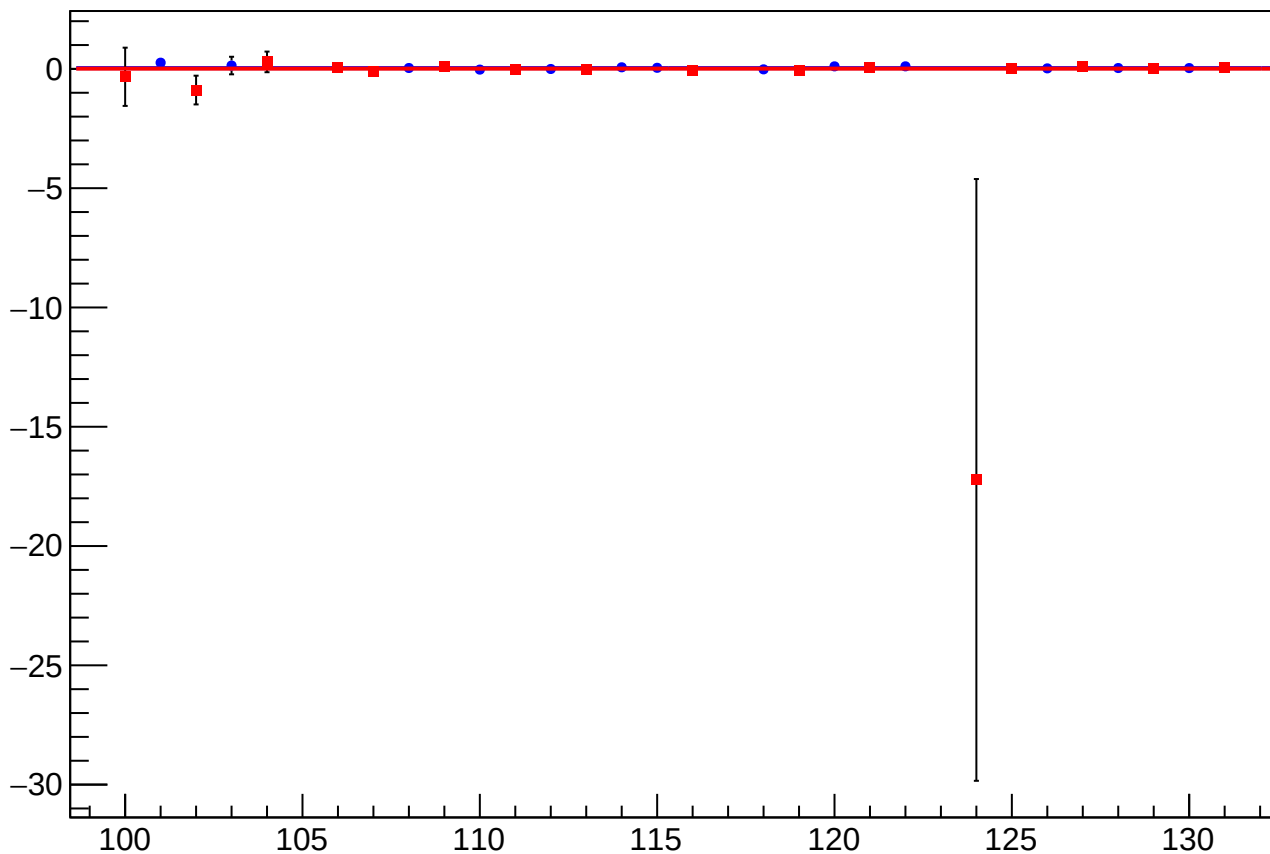
All: 0.022 $\pm$ 0.013 χ^2 /NDF: 24.2/28

- 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



asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.033+/-0.019 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.018 χ^2/NDF : 15.2/15

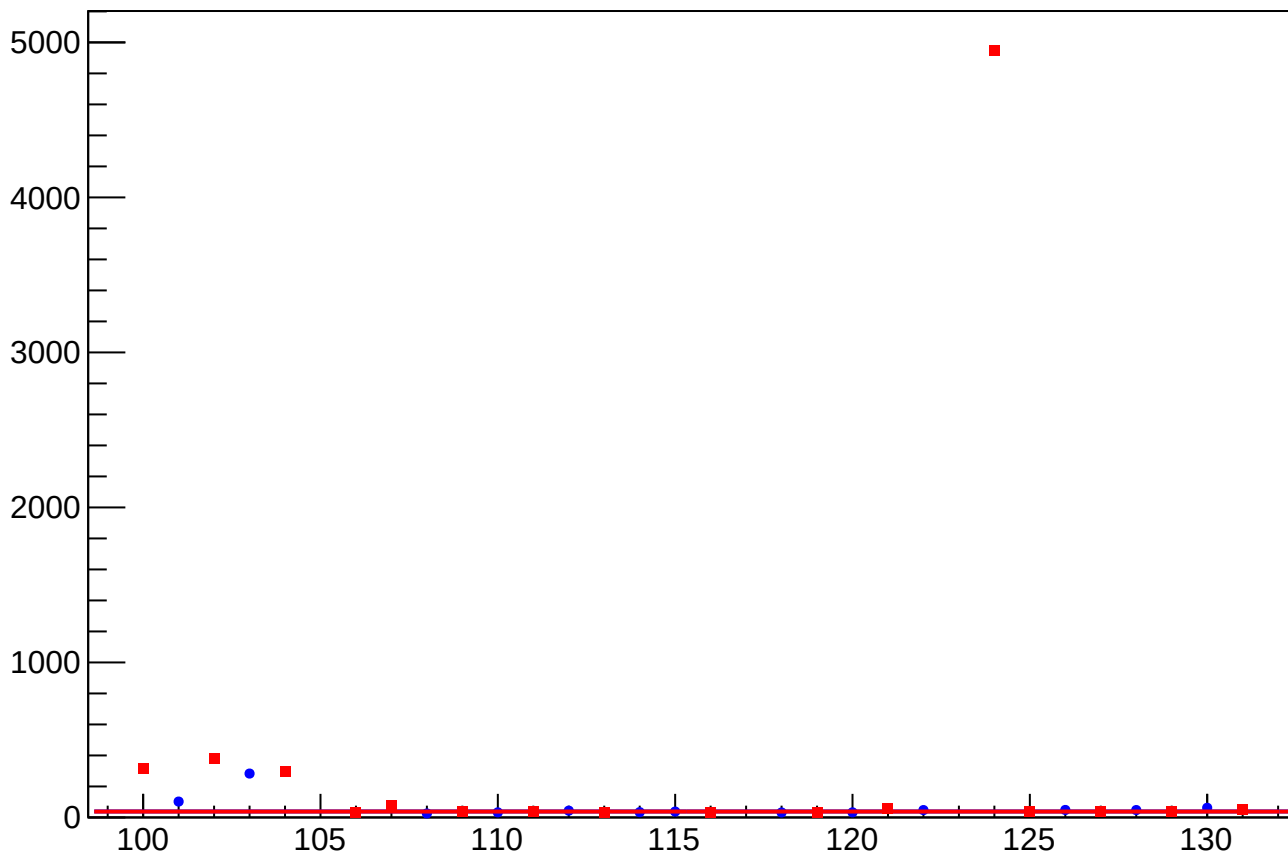
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.013 χ^2/NDF : 24.2/28

- sign 0.000+/-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: 38.749 $\pm$ 0.013 χ^2 /NDF: 1825423.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.142 $\pm$ 0.013 χ^2 /NDF: 2100238.3/15

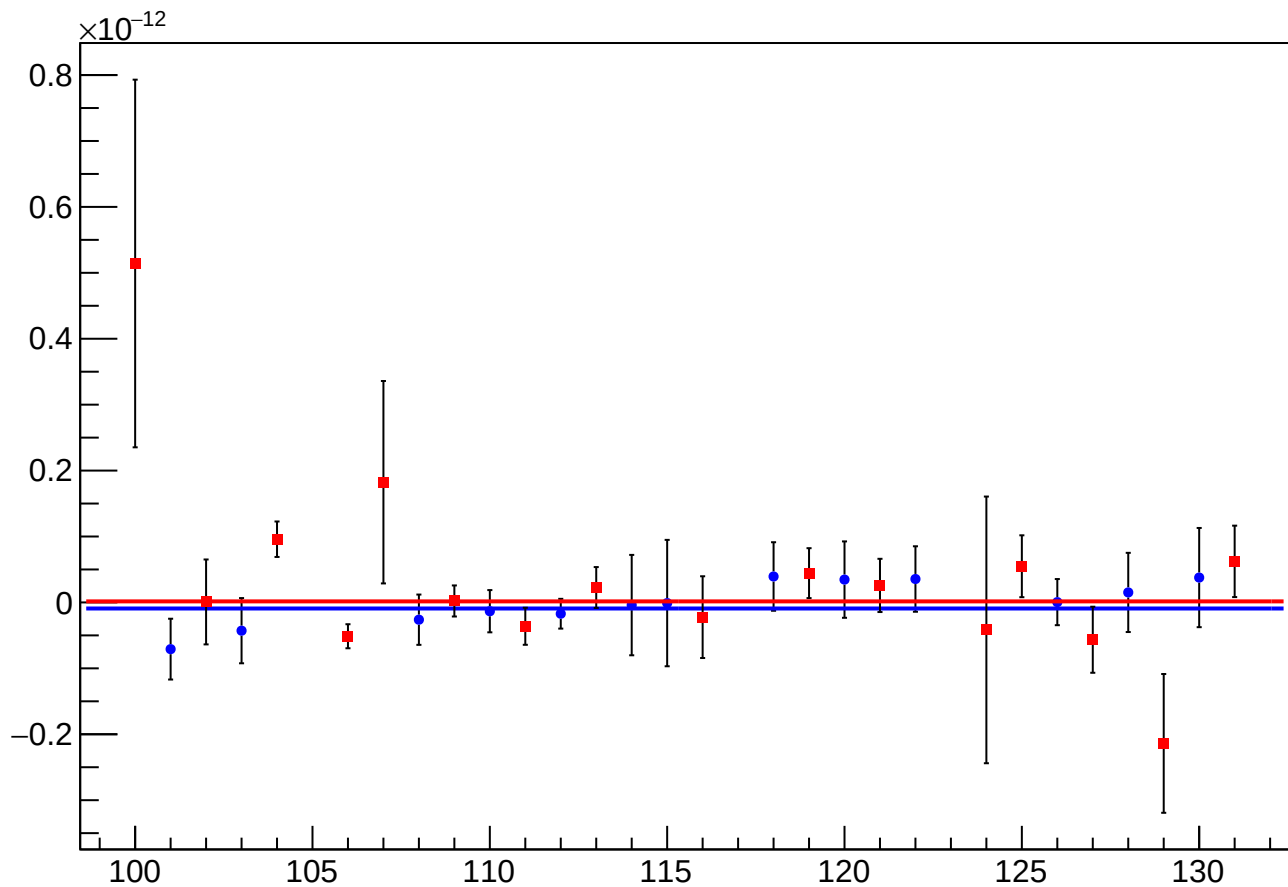
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 38.433 $\pm$ 0.009 χ^2 /NDF: 3926721.8/28

- 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 : 5.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 37.6/15

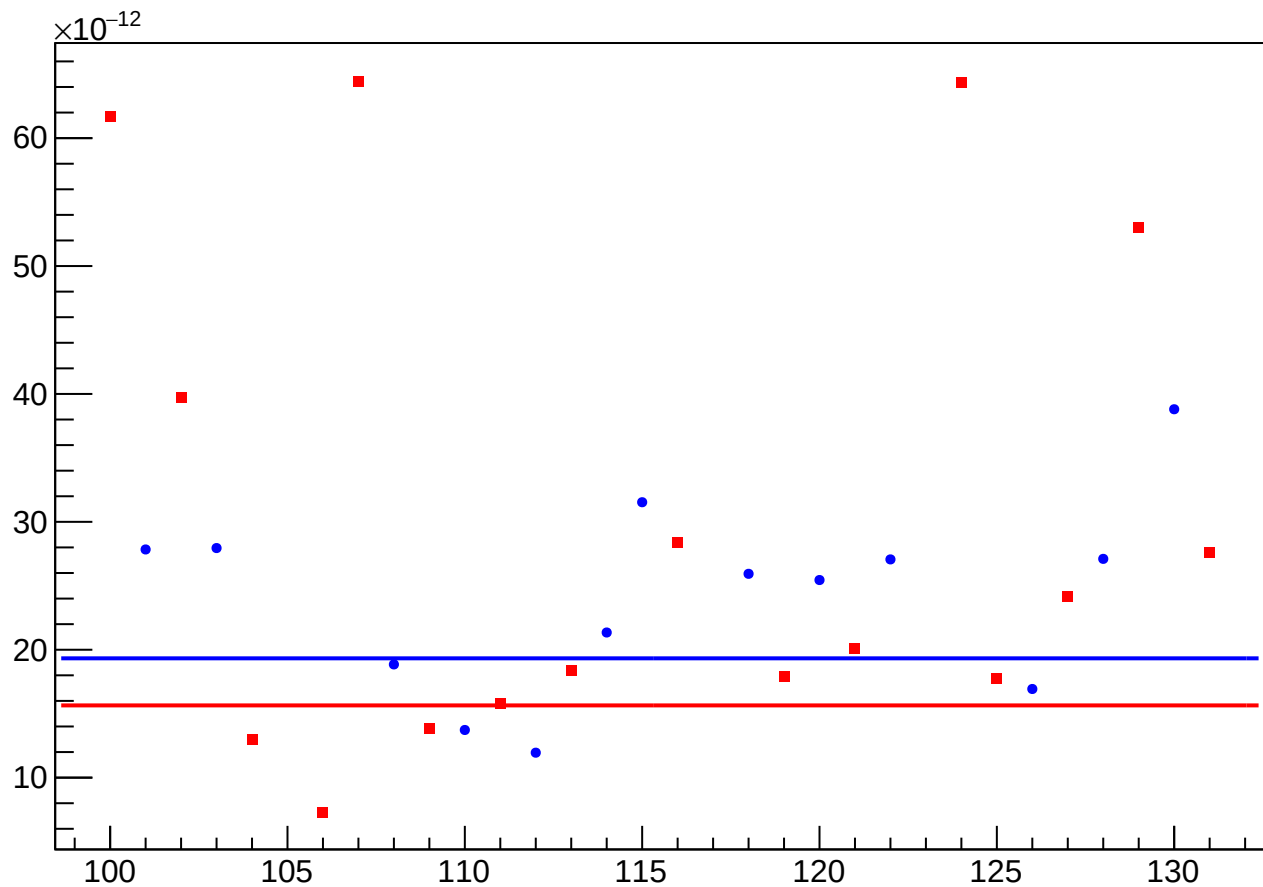
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 43.6/28

- 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 : 717687.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1650807.2/15

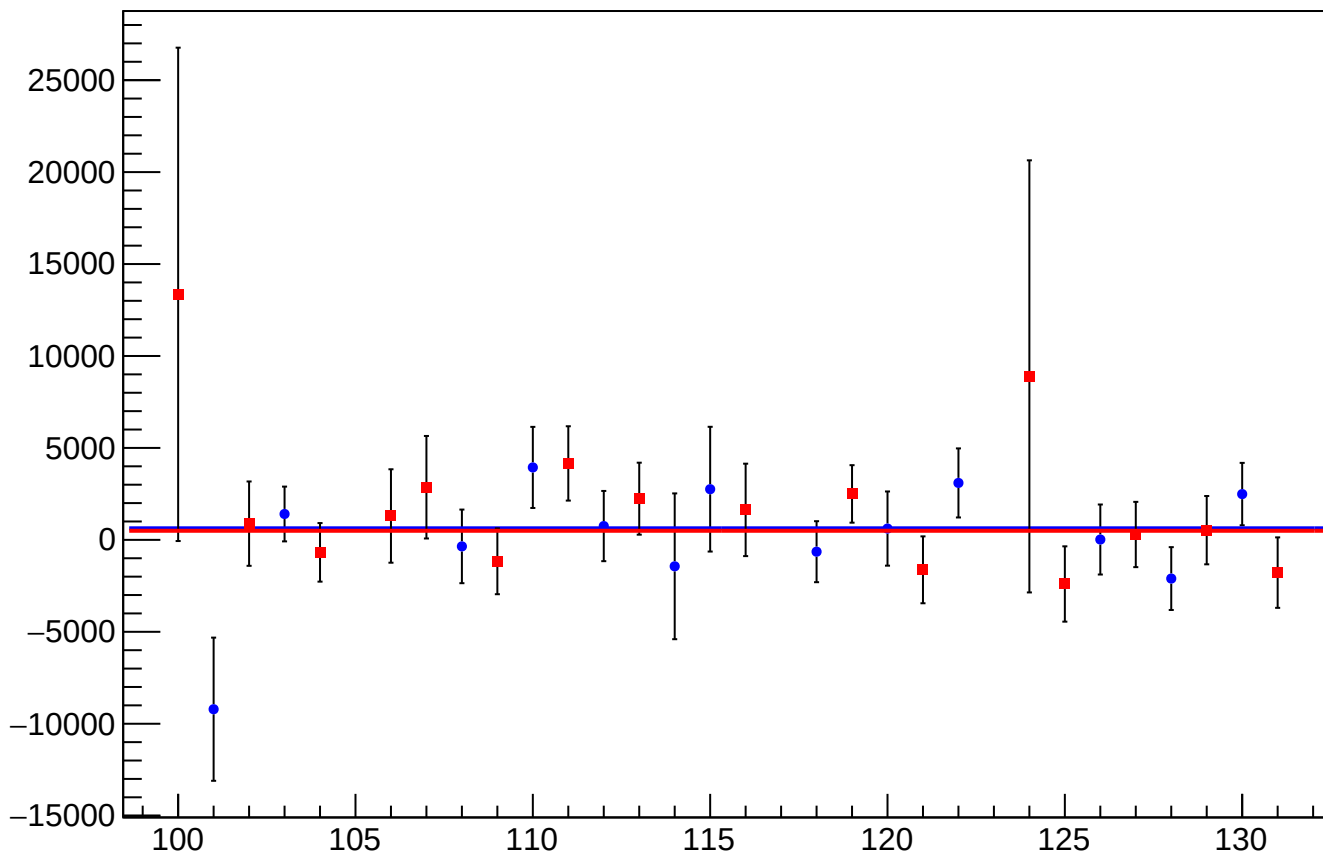
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2488375.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 628.500+/-554.270 χ^2/NDF : 16.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 494.663+/-520.869 χ^2/NDF : 14.4/15

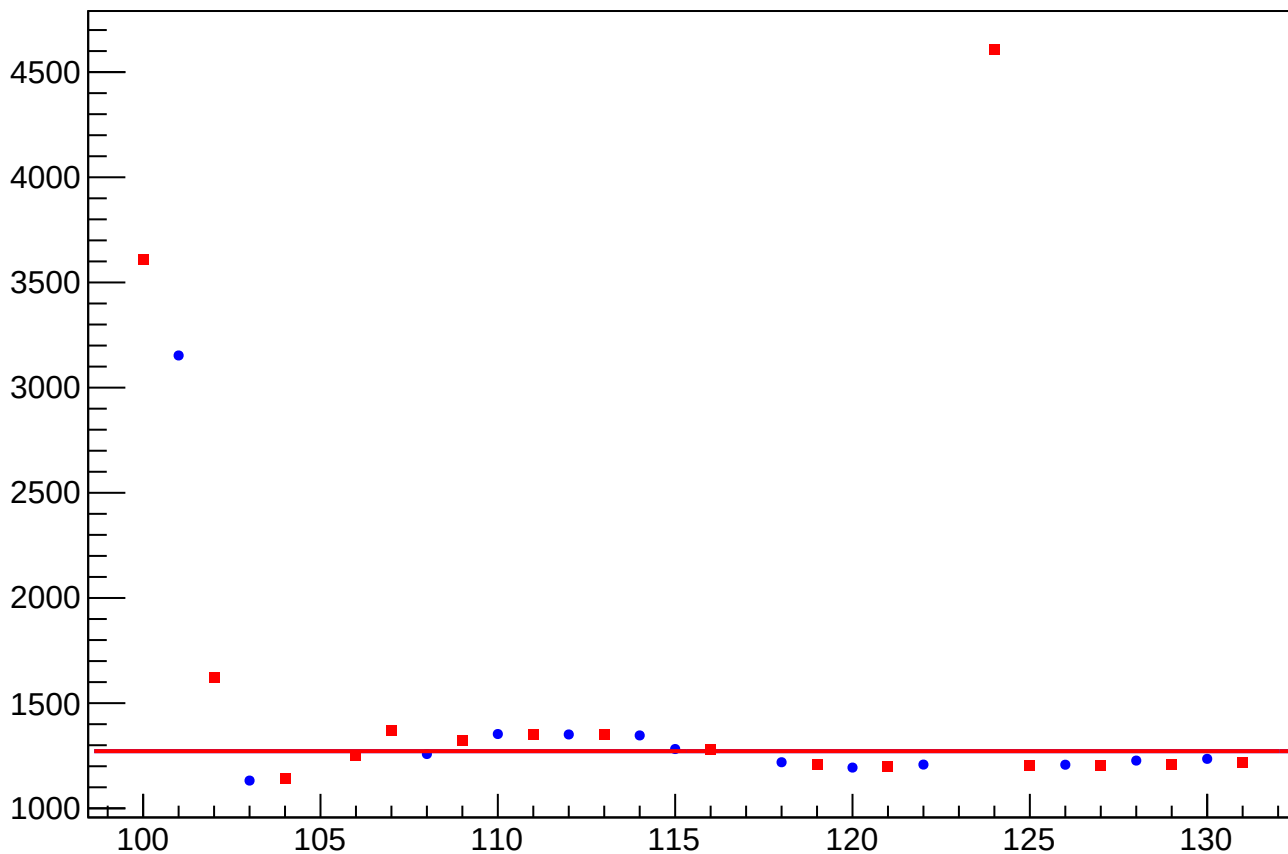
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 557.428+/-379.569 χ^2/NDF : 30.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1271.666+/-0.392 χ^2/NDF : 503495.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1271.745+/-0.368 χ^2/NDF : 309253.8/15

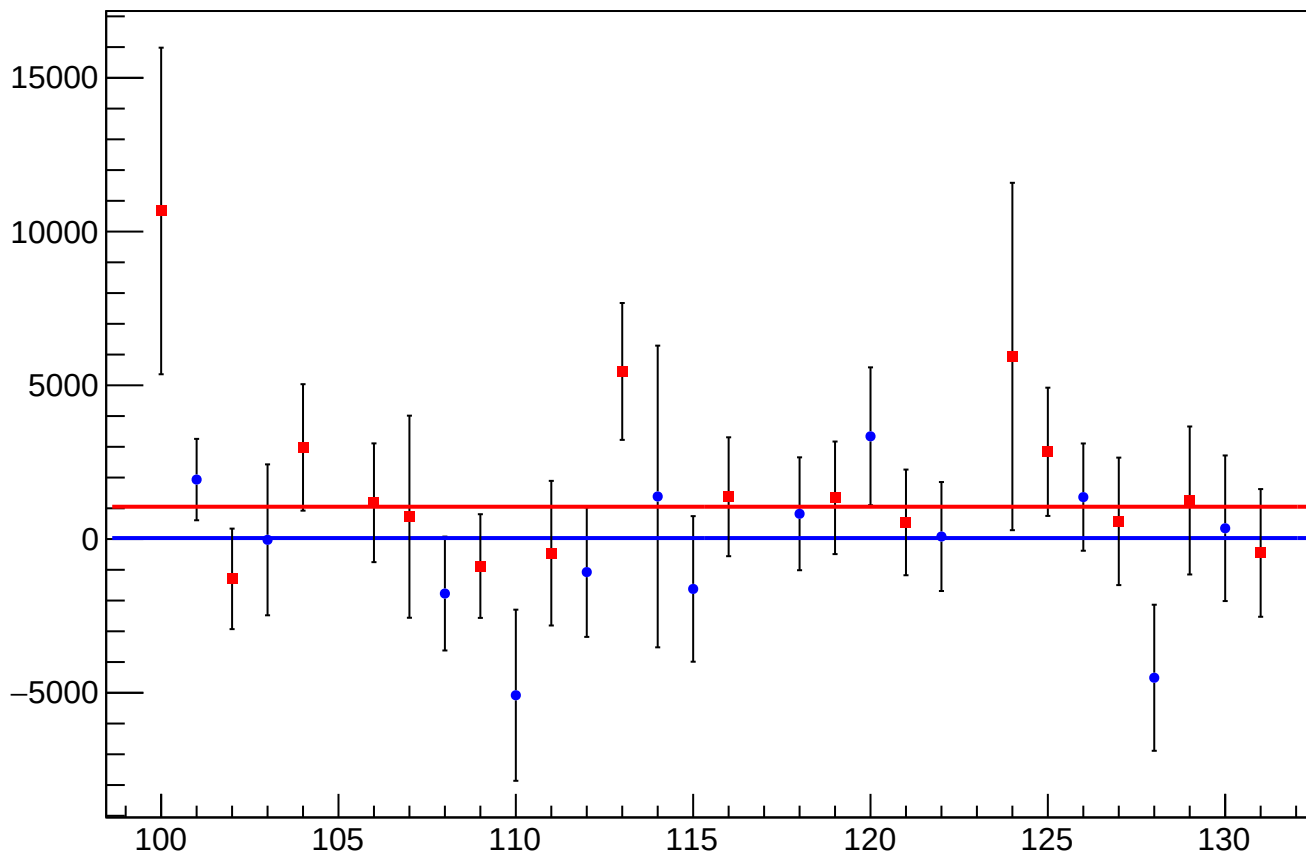
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

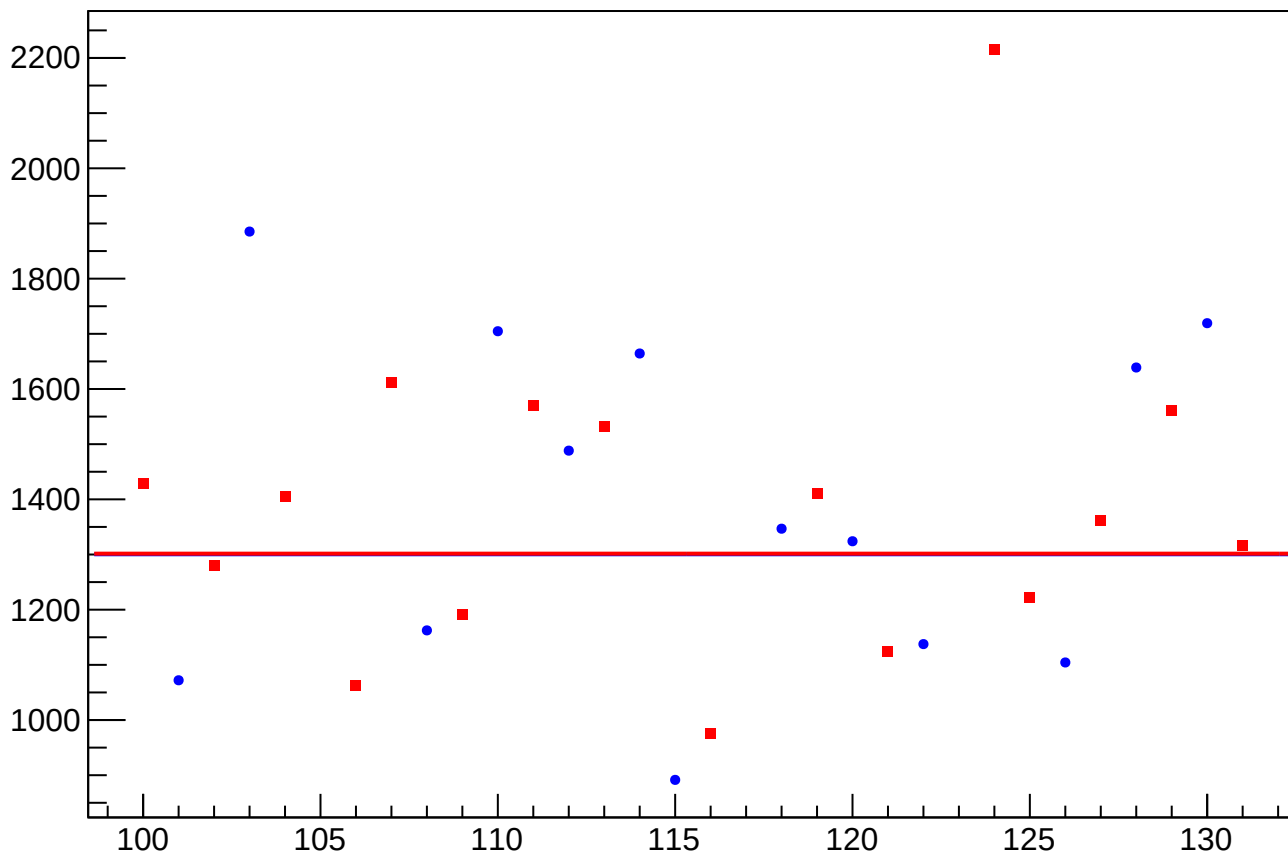
All: 1271.708+/-0.268 χ^2/NDF : 812748.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_reg_correction_mean vs Slug



asym_at1_dd_at2_dd_avg_reg_correction_rms vs Slug



Right In: 1300.436+/-0.402 χ^2/NDF : 459847.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1301.555+/-0.376 χ^2/NDF : 276472.2/15

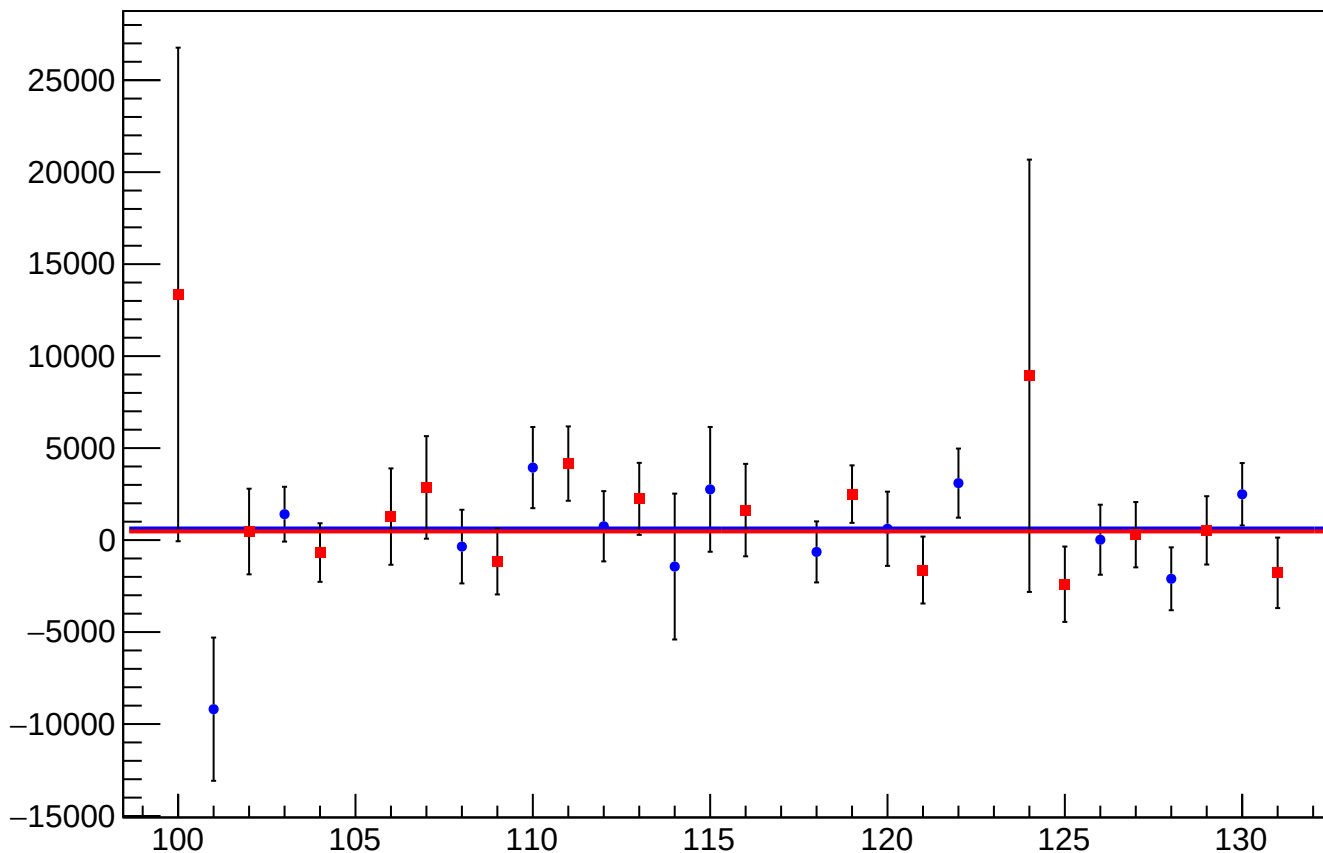
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1301.033+/-0.274 χ^2/NDF : 736324.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 628.870+/-554.270 χ^2/NDF : 16.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 470.494+/-521.911 χ^2/NDF : 14.4/15

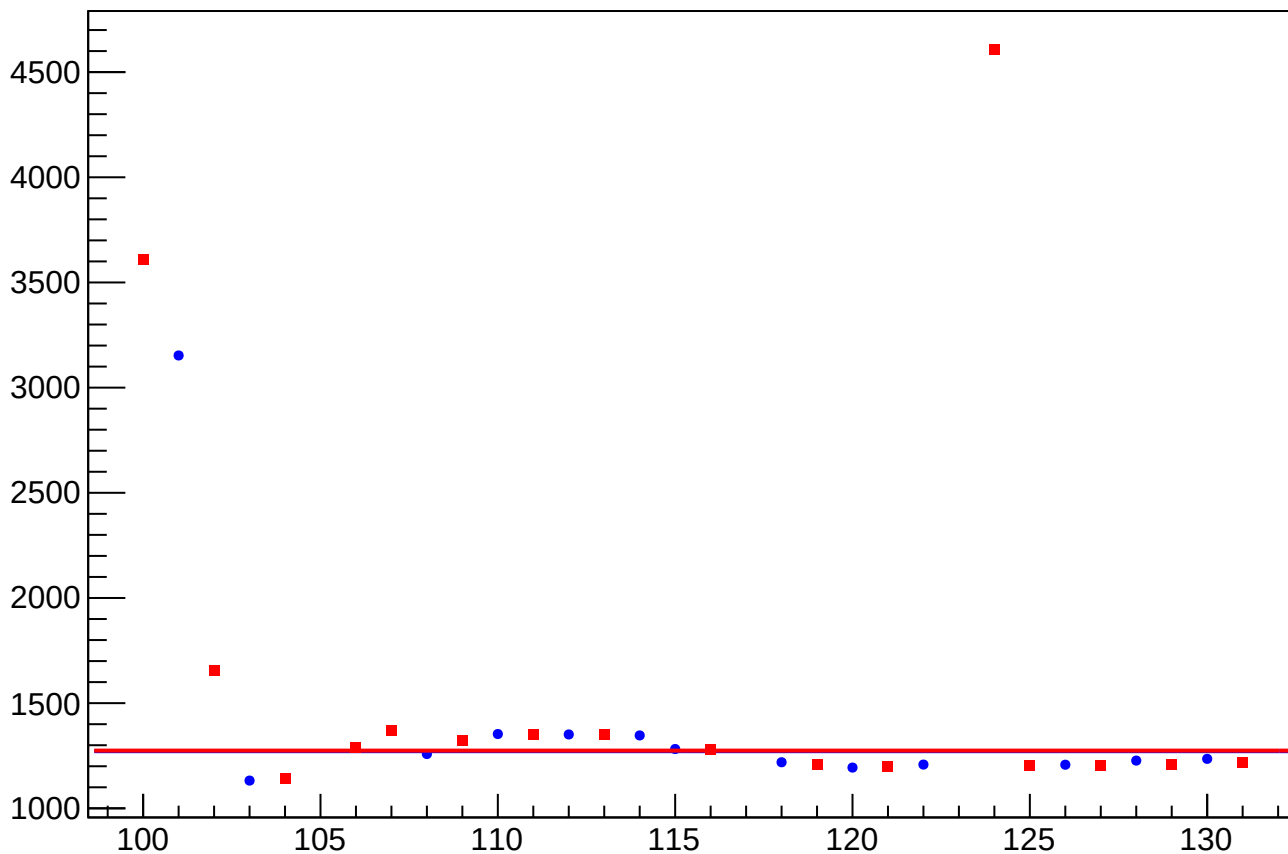
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 544.924+/-379.972 χ^2/NDF : 30.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1271.666+/-0.392 χ^2/NDF : 503496.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1274.394+/-0.369 χ^2/NDF : 316320.3/15

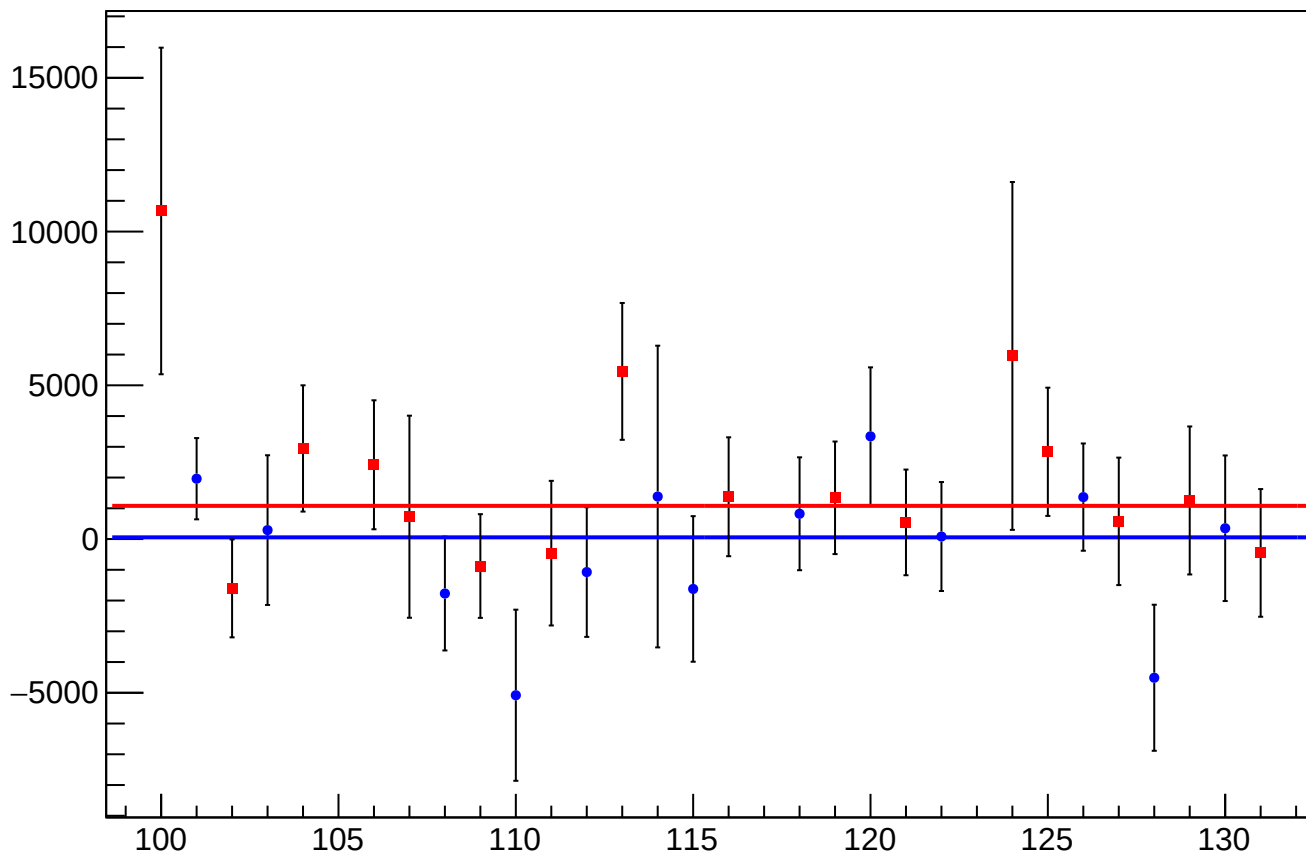
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1273.112+/-0.269 χ^2/NDF : 819842.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_cor_correction_mean vs Slug



Right In: 55.436+/-567.466 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1079.643+/-532.664 χ^2/NDF : 15.2/15

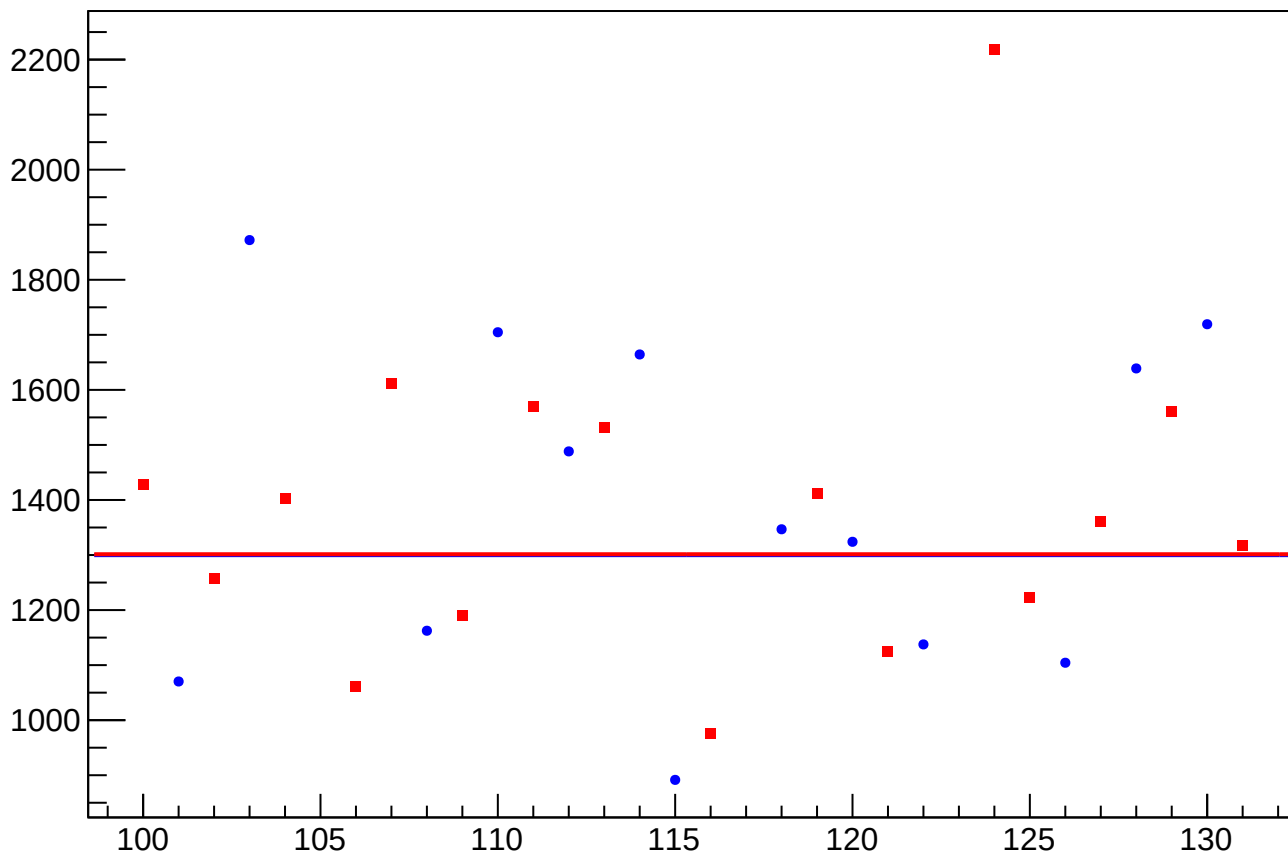
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 599.907+/-388.371 χ^2/NDF : 30.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_cor_correction_rms vs Slug



Right In: 1299.777 $\pm$ 0.401 χ^2 /NDF: 457702.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1301.447 $\pm$ 0.377 χ^2 /NDF: 273594.1/15

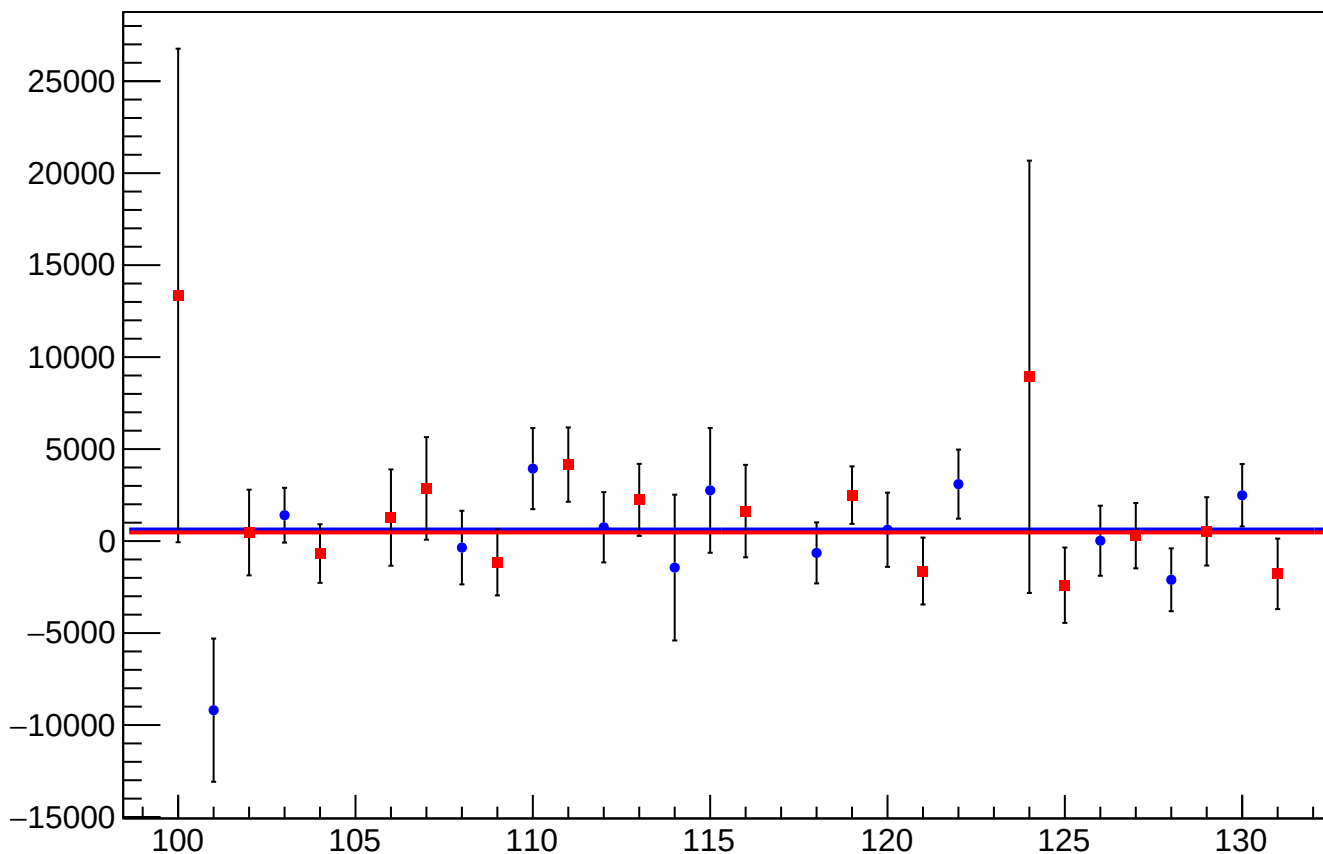
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1300.664 $\pm$ 0.275 χ^2 /NDF: 731305.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 628.870+/-554.270 χ^2/NDF : 16.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 470.494+/-521.911 χ^2/NDF : 14.4/15

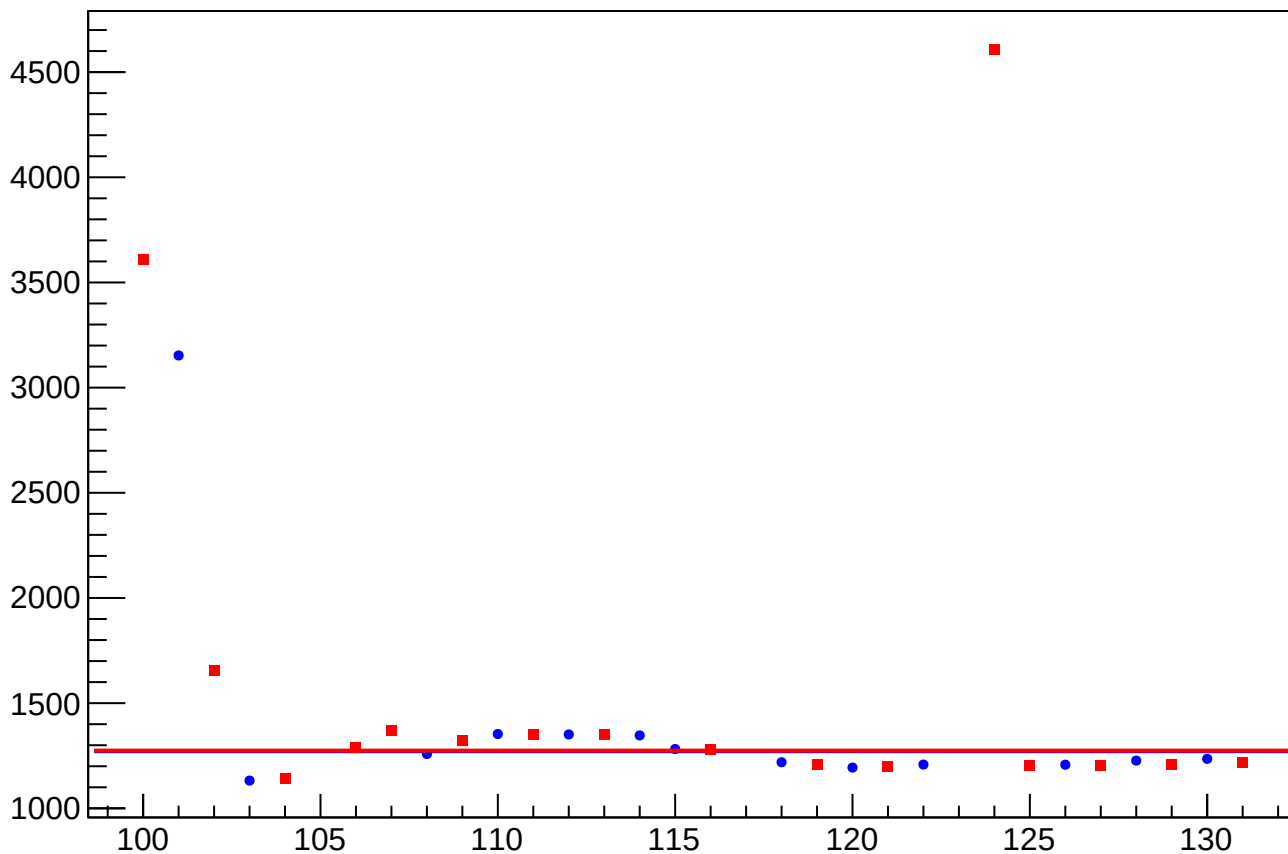
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 544.924+/-379.972 χ^2/NDF : 30.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1271.666+/-0.392 χ^2/NDF : 503496.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1274.394+/-0.369 χ^2/NDF : 316320.3/15

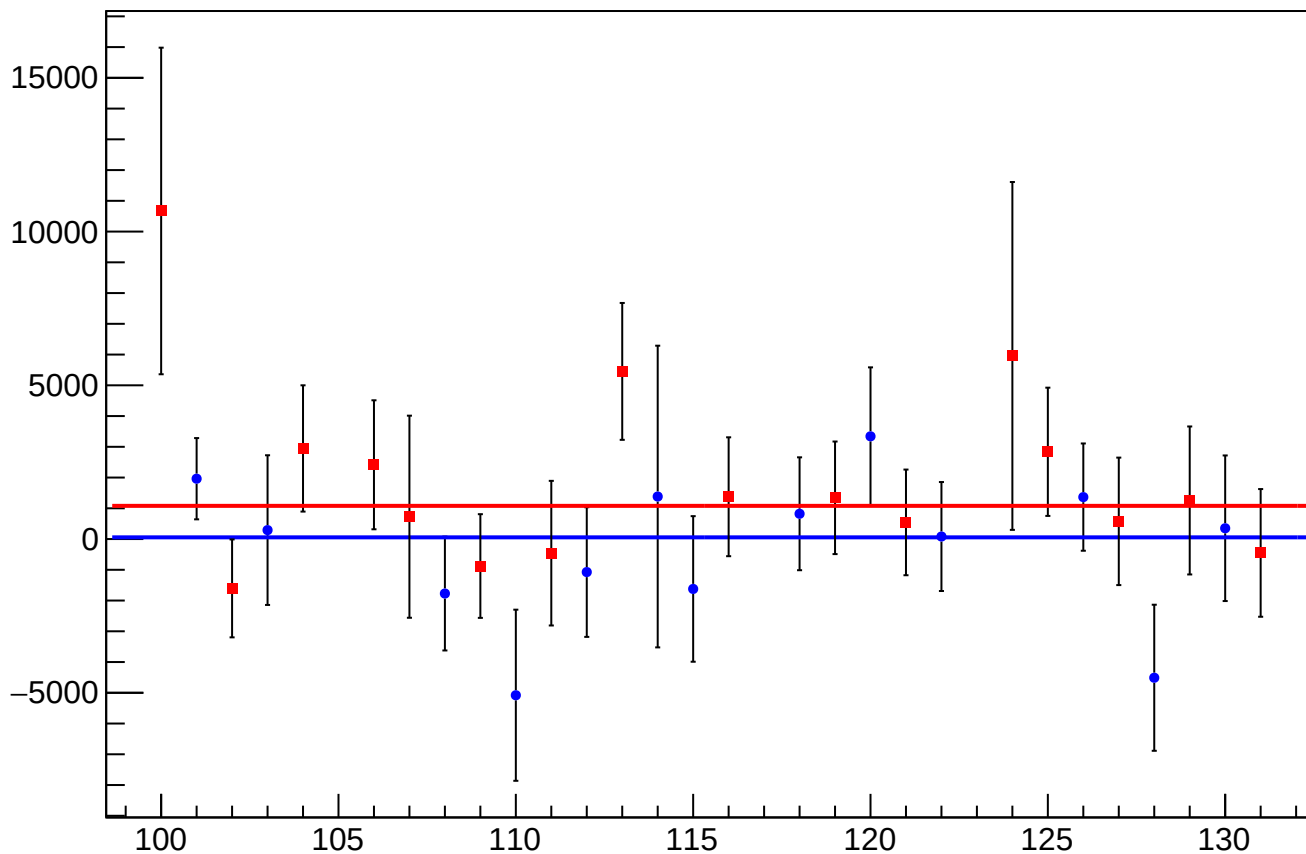
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1273.112+/-0.269 χ^2/NDF : 819842.5/28

- 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: 55.436+/-567.466 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1079.643+/-532.664 χ^2/NDF : 15.2/15

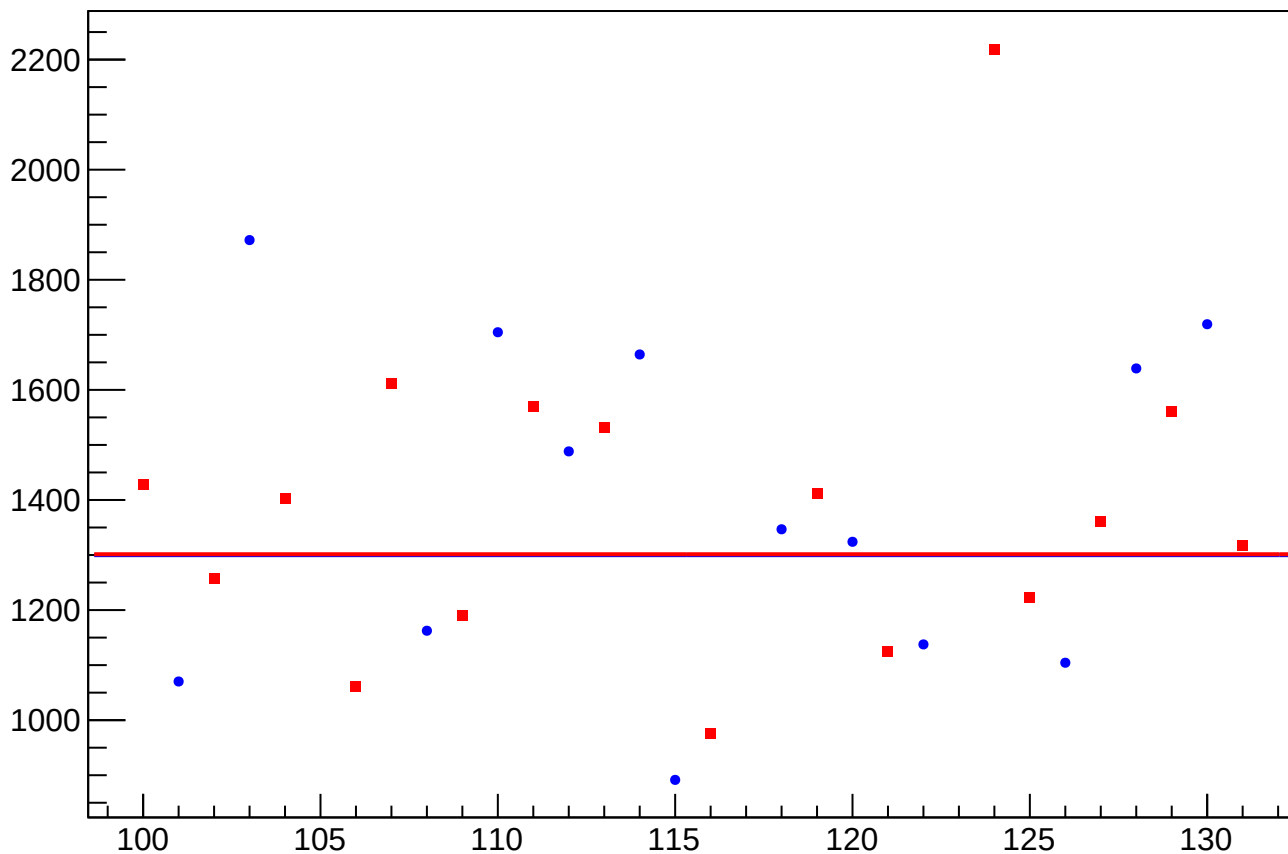
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 599.907+/-388.371 χ^2/NDF : 30.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_eigen_cor_correction_rms vs Slug



Right In: 1299.777 $\pm$ 0.401 χ^2 /NDF: 457702.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1301.447 $\pm$ 0.377 χ^2 /NDF: 273594.1/15

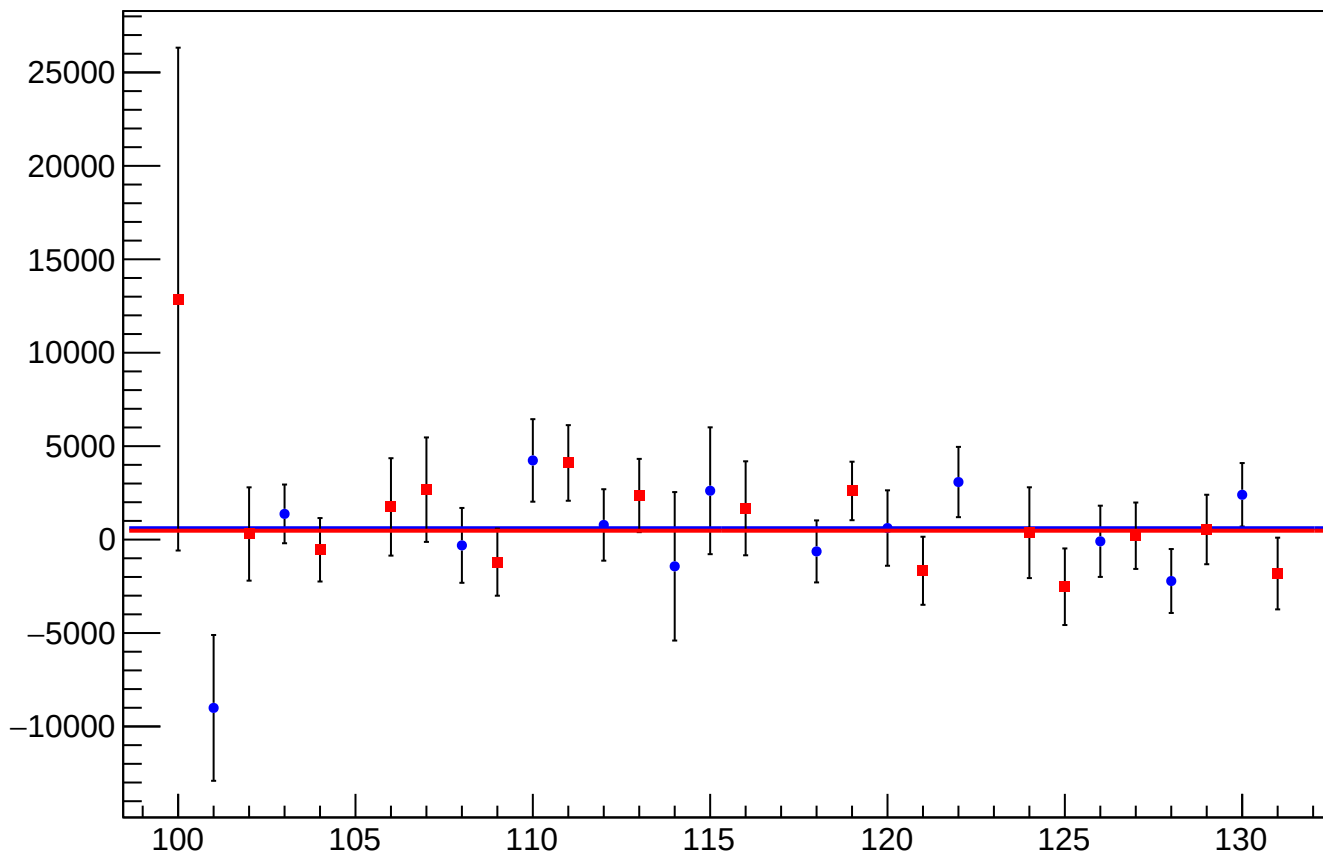
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1300.664 $\pm$ 0.275 χ^2 /NDF: 731305.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 608.286+/-558.725 χ^2/NDF : 16.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 475.744+/-515.990 χ^2/NDF : 14.1/15

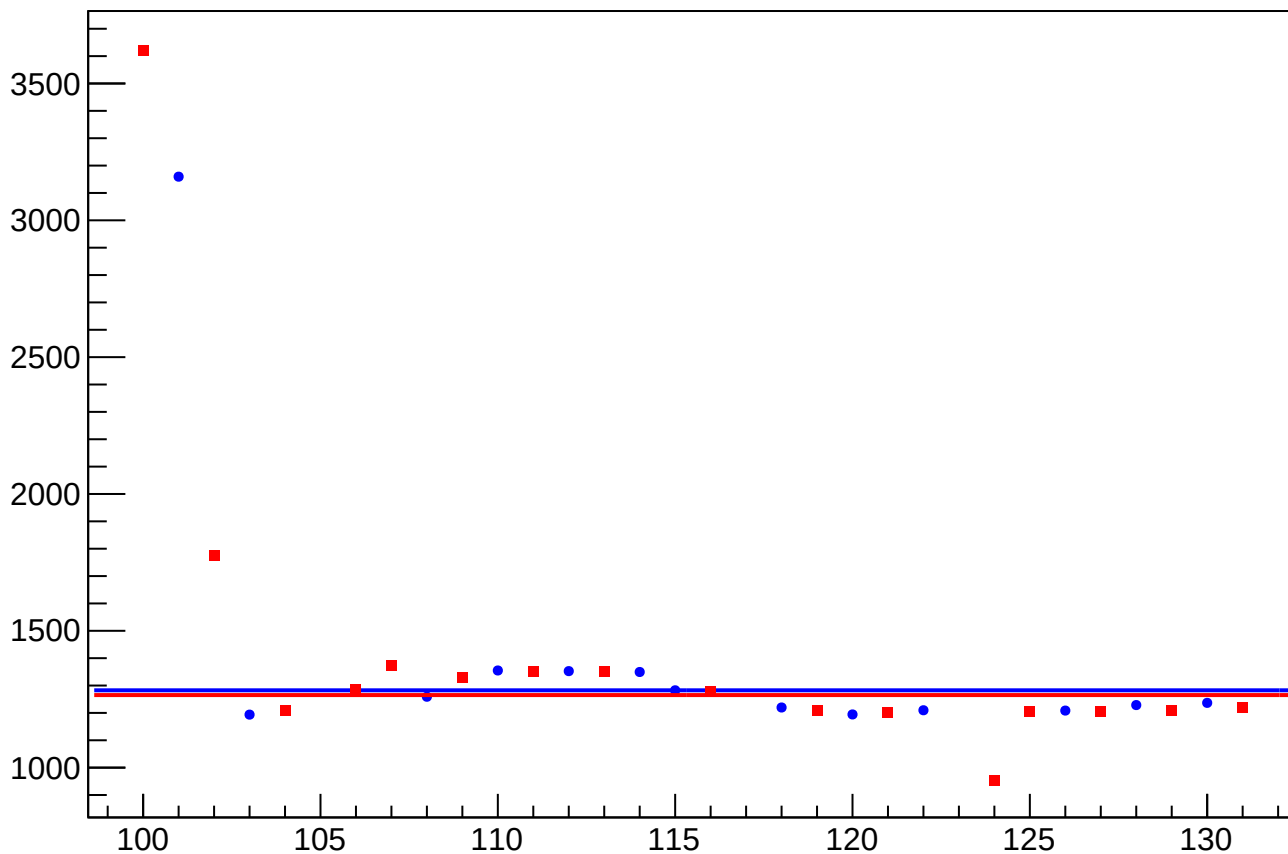
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 536.753+/-379.069 χ^2/NDF : 30.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1282.584 $\pm$ 0.395 χ^2 /NDF: 491127.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1265.165 $\pm$ 0.365 χ^2 /NDF: 205753.7/15

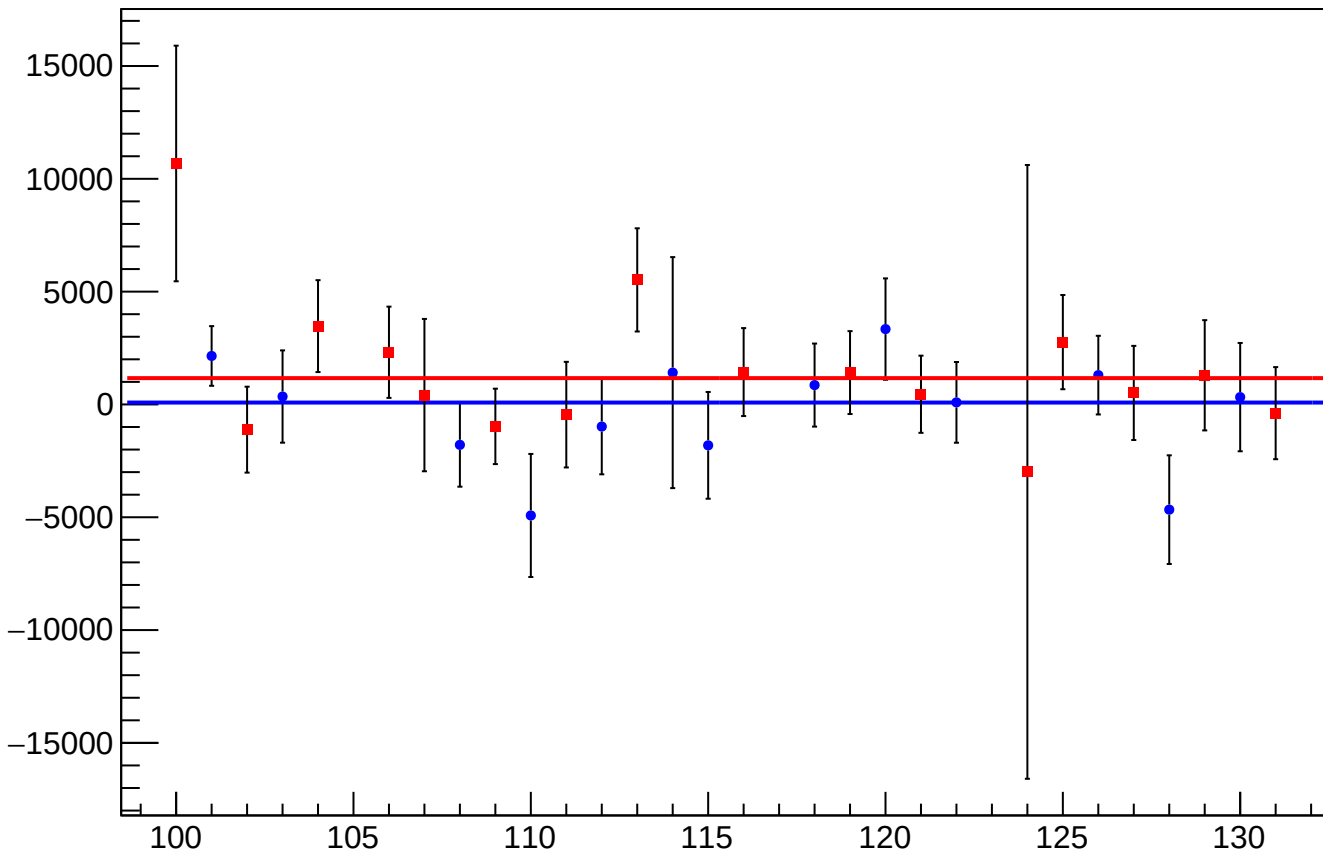
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1273.183 $\pm$ 0.268 χ^2 /NDF: 697930.4/28

- 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: 83.785+/-562.839 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1166.315+/-543.024 χ^2/NDF : 13.7/15

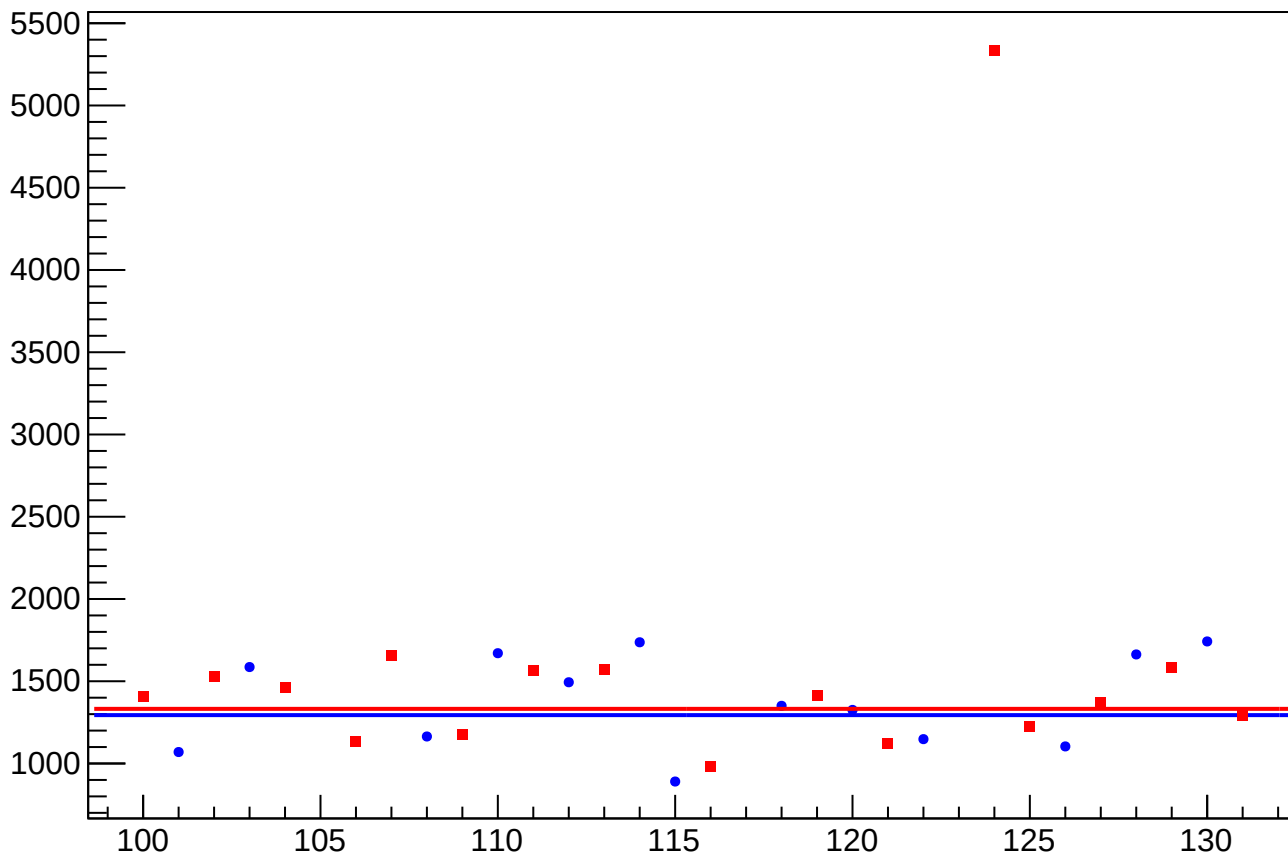
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 644.441 ± 390.793 χ^2/NDF : 30.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_dit_correction_rms vs Slug



Right In: 1294.052+/-0.398 χ^2/NDF : 393296.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

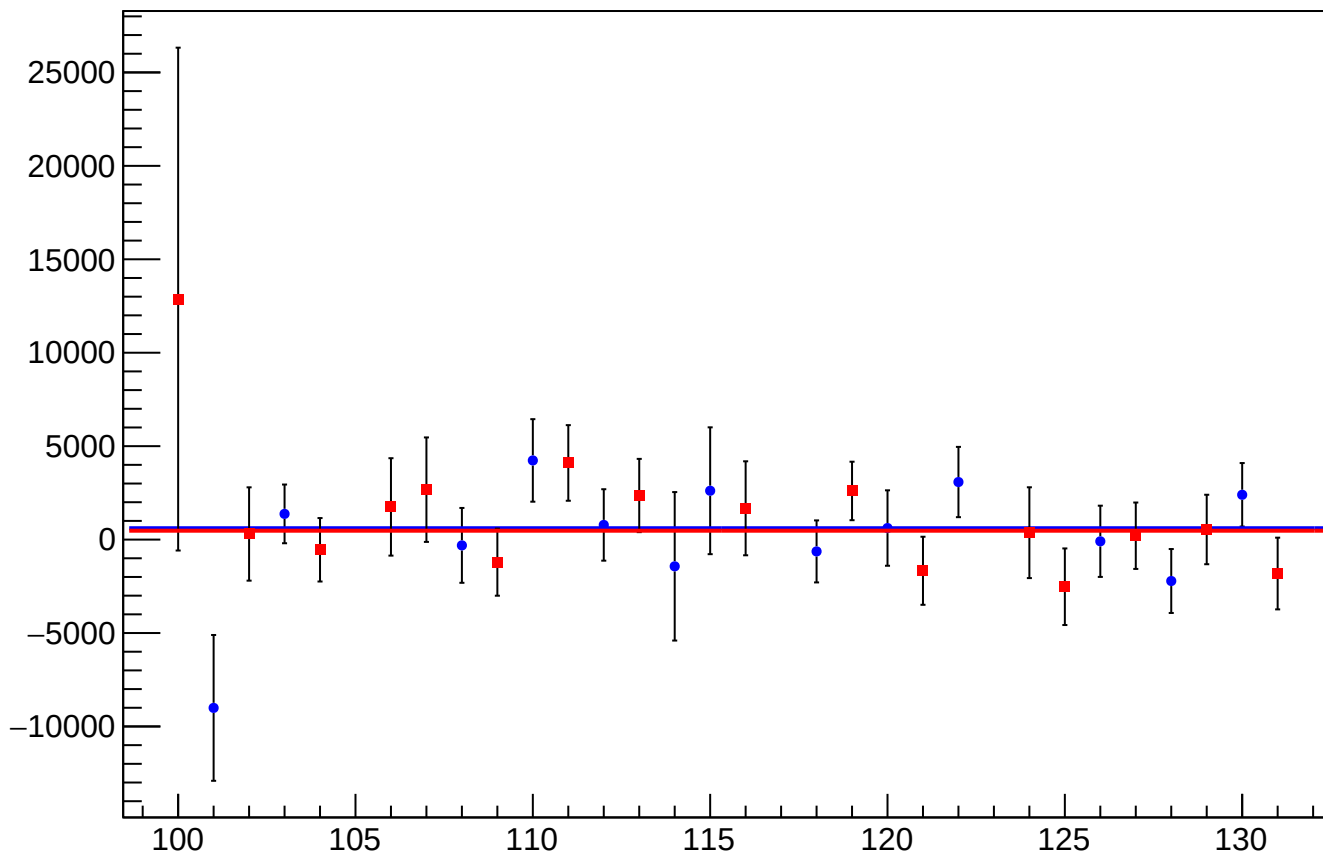
Right Out: 1332.194+/-0.384 χ^2/NDF : 427727.2/15

All: 1313.806+/-0.276 χ^2/NDF : 825780.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 608.284+/-558.725 χ^2/NDF : 16.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 475.744+/-515.990 χ^2/NDF : 14.1/15

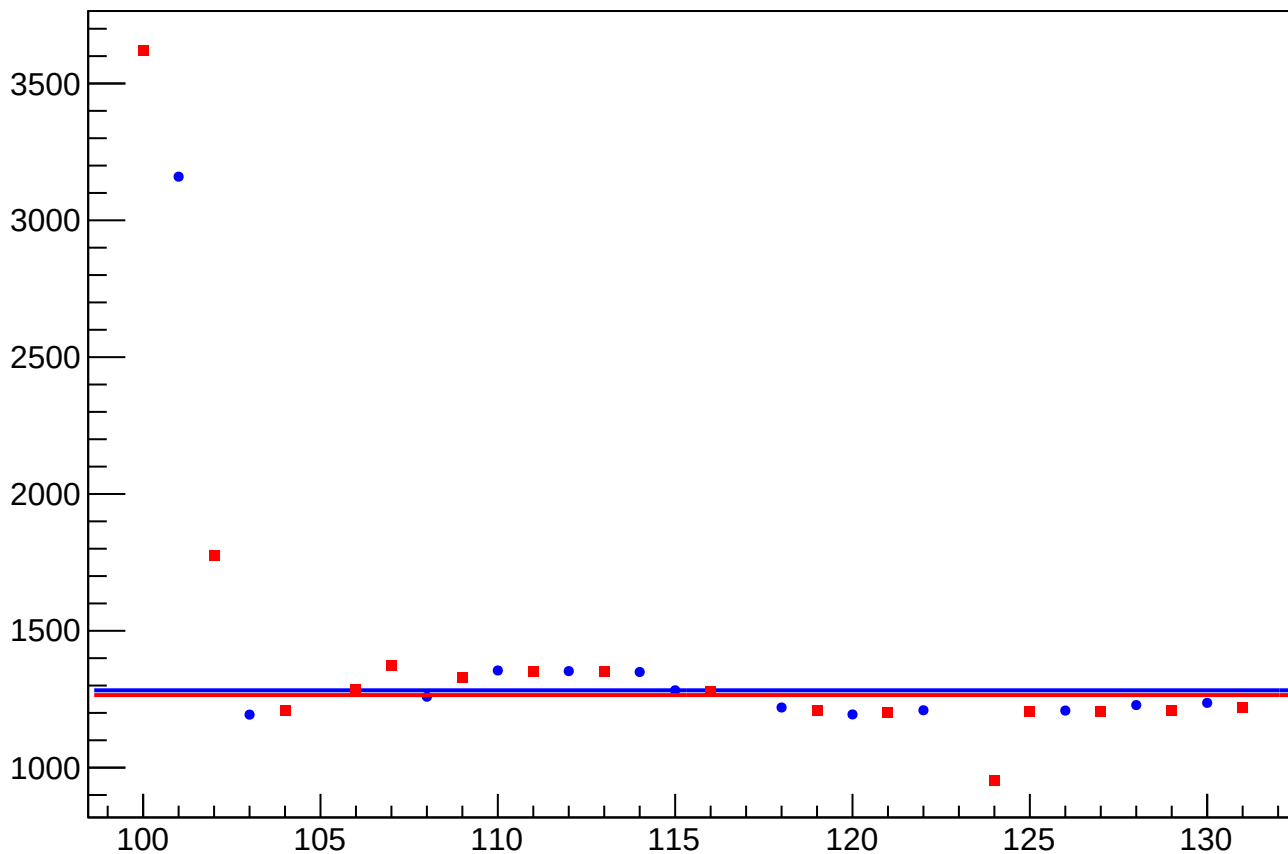
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 536.752+/-379.069 χ^2/NDF : 30.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1282.584+/-0.395 χ^2/NDF : 491127.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1265.165+/-0.365 χ^2/NDF : 205753.5/15

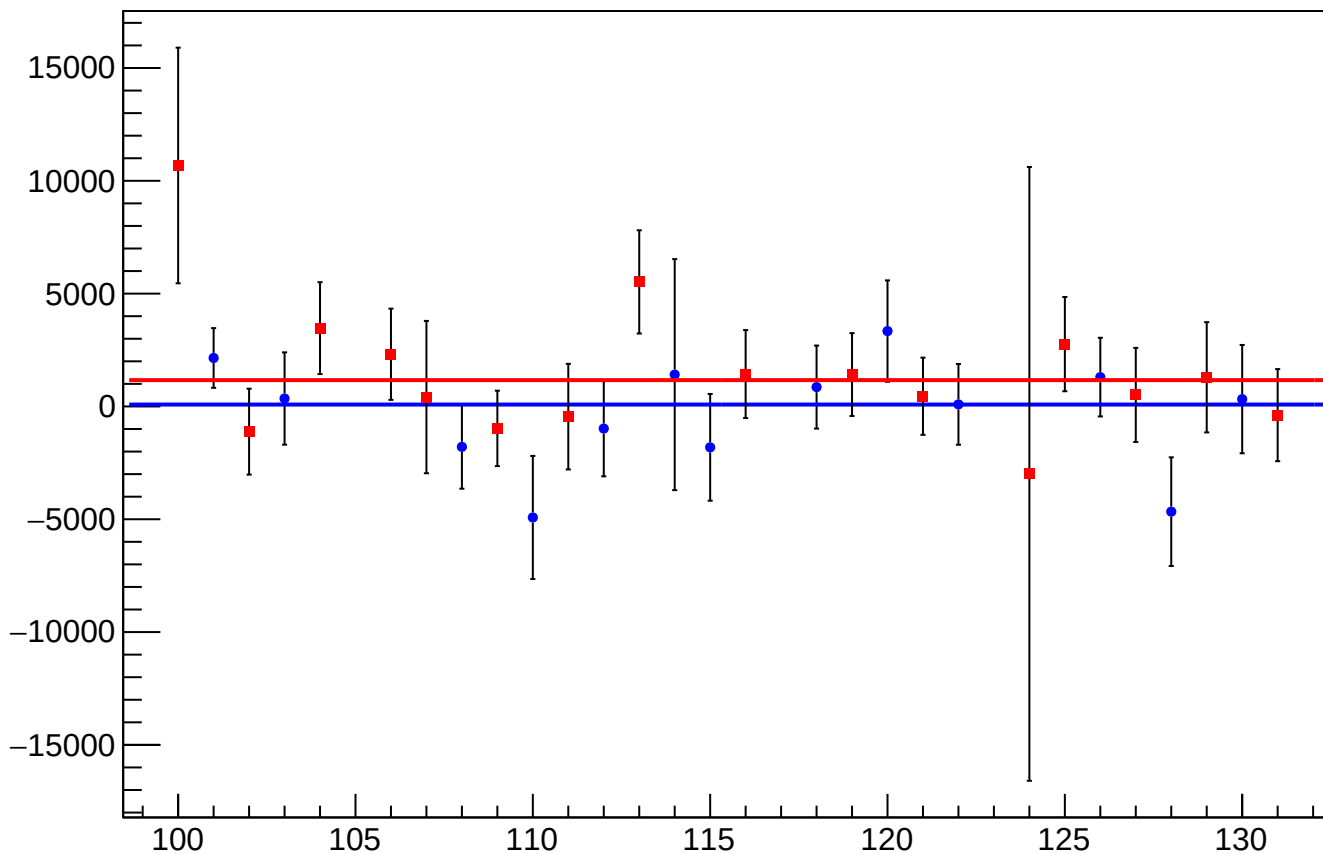
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1273.183+/-0.268 χ^2/NDF : 697930.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_correction_mean vs Slug



Right In: 83.784 $\pm$ 562.837 χ^2 /NDF: 14.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1166.315 $\pm$ 543.023 χ^2 /NDF: 13.7/15

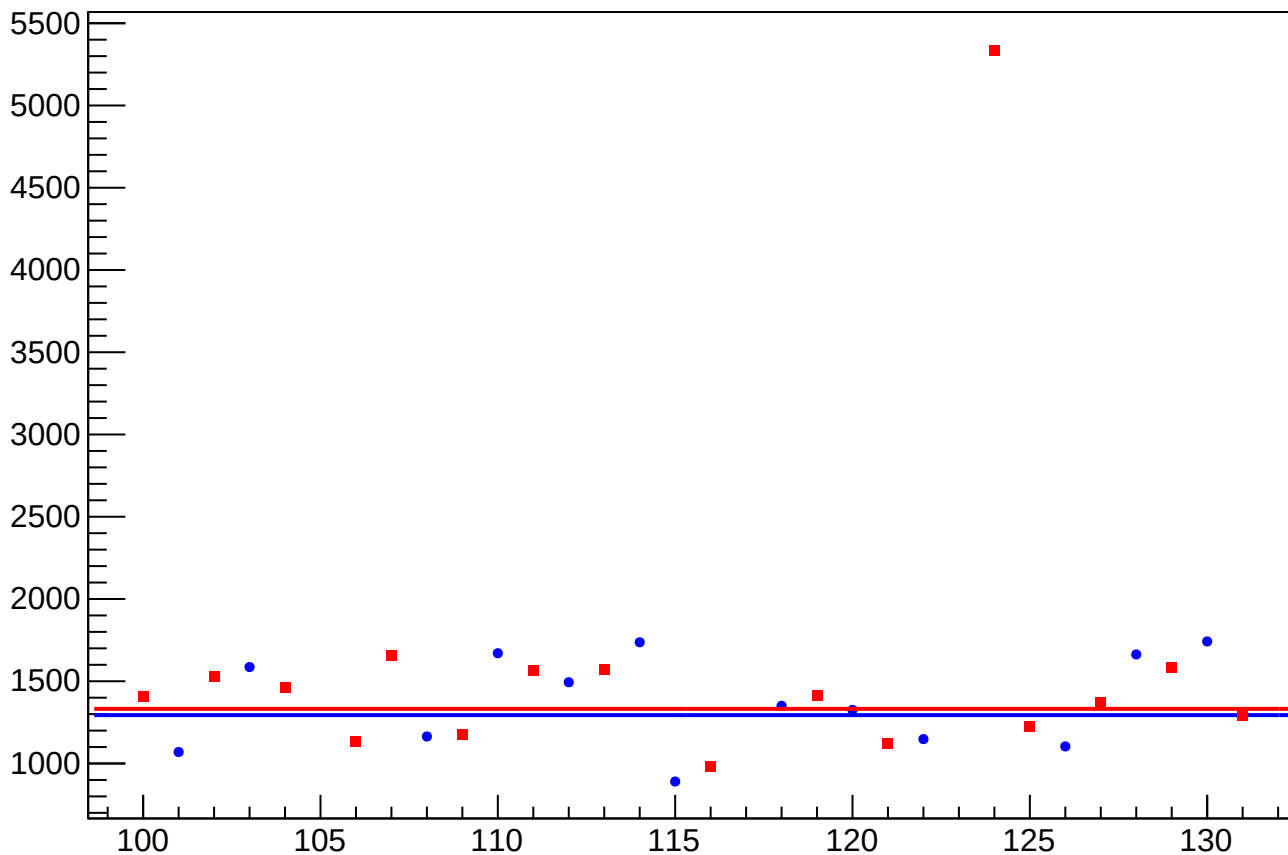
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 644.439 $\pm$ 390.793 χ^2 /NDF: 30.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 1294.048+/-0.398 χ^2/NDF : 393300.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1332.193+/-0.384 χ^2/NDF : 427727.5/15

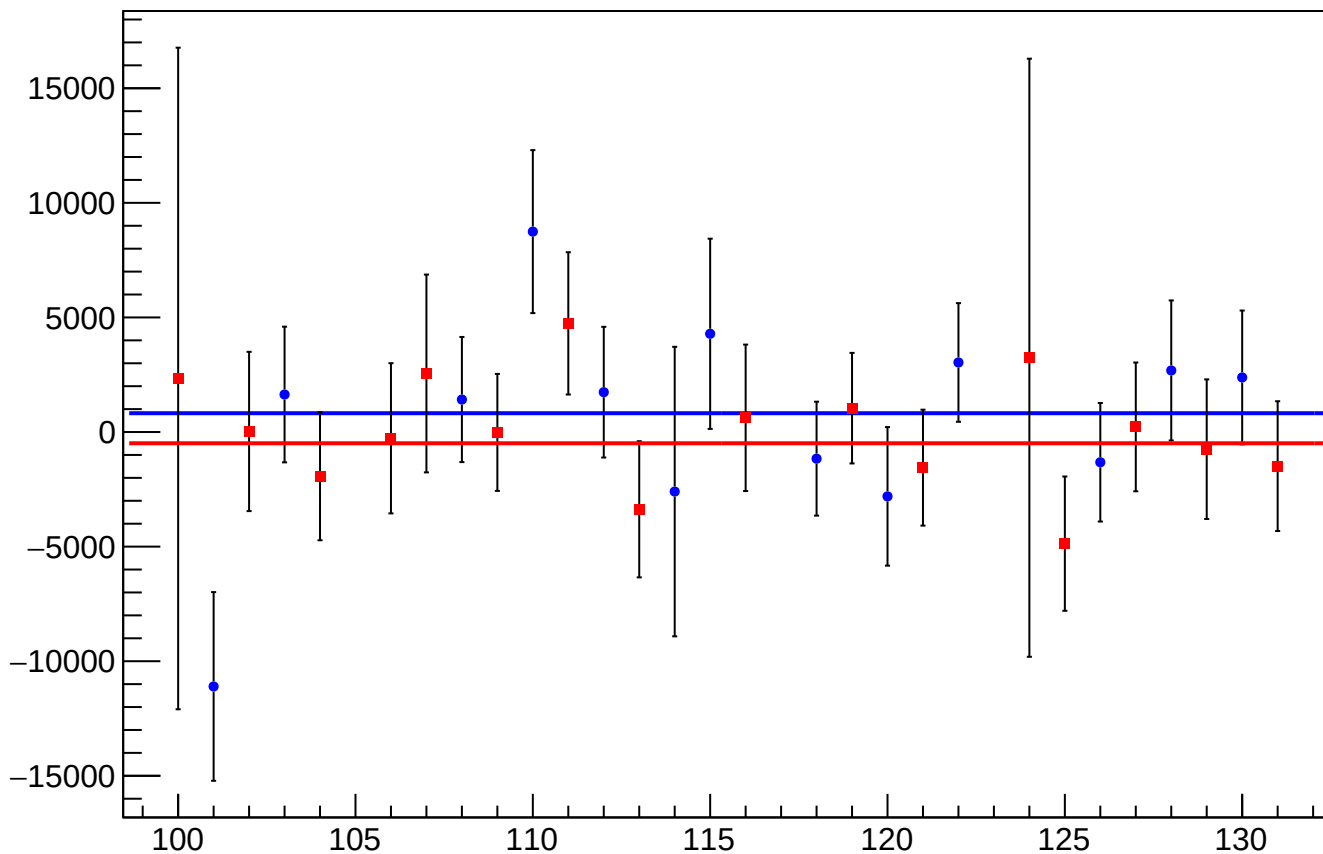
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1313.804+/-0.276 χ^2/NDF : 825785.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 821.030 $\pm$ 849.097 χ^2 /NDF: 18.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -490.136 $\pm$ 780.642 χ^2 /NDF: 7.9/15

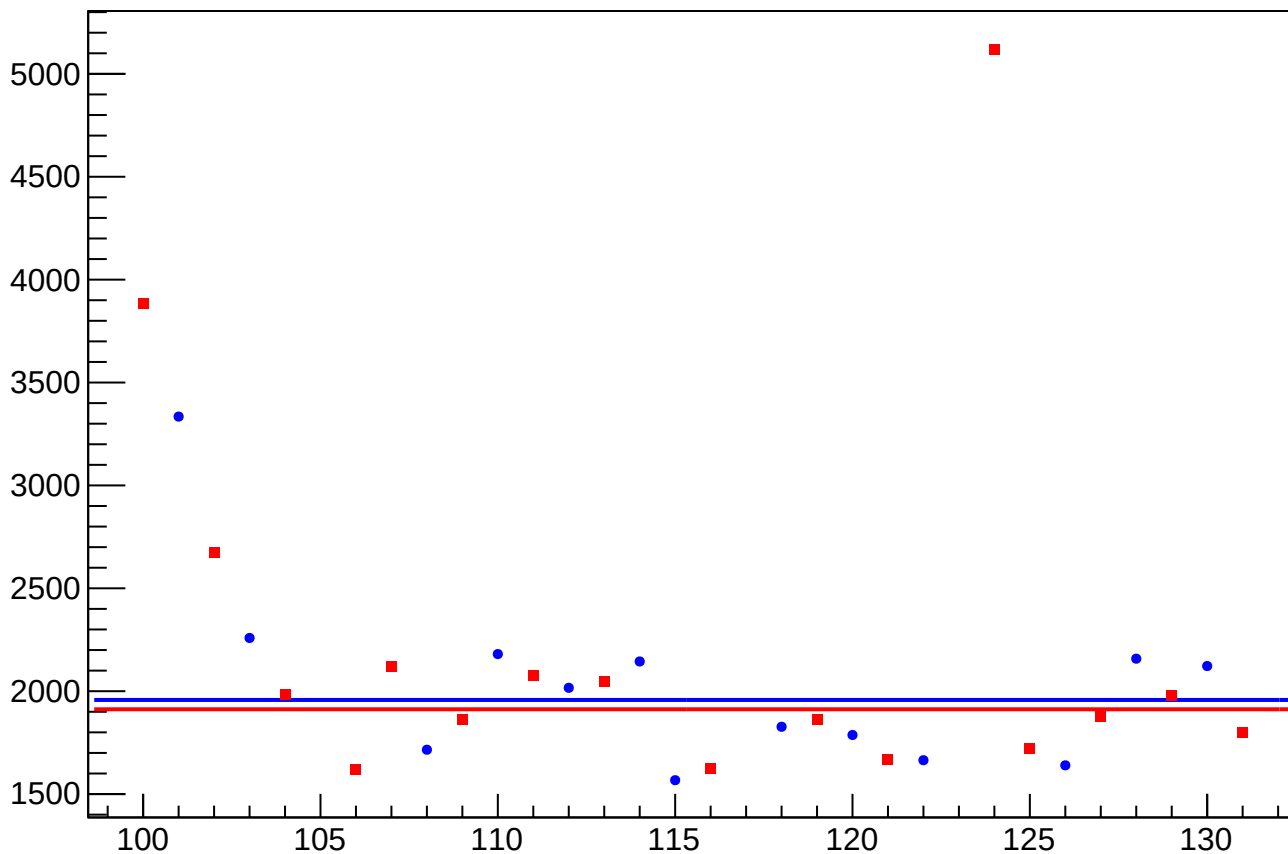
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 110.470 $\pm$ 574.676 χ^2 /NDF: 27.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1957.486+/-0.600 χ^2/NDF : 371007.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1912.089+/-0.552 χ^2/NDF : 335714.8/15

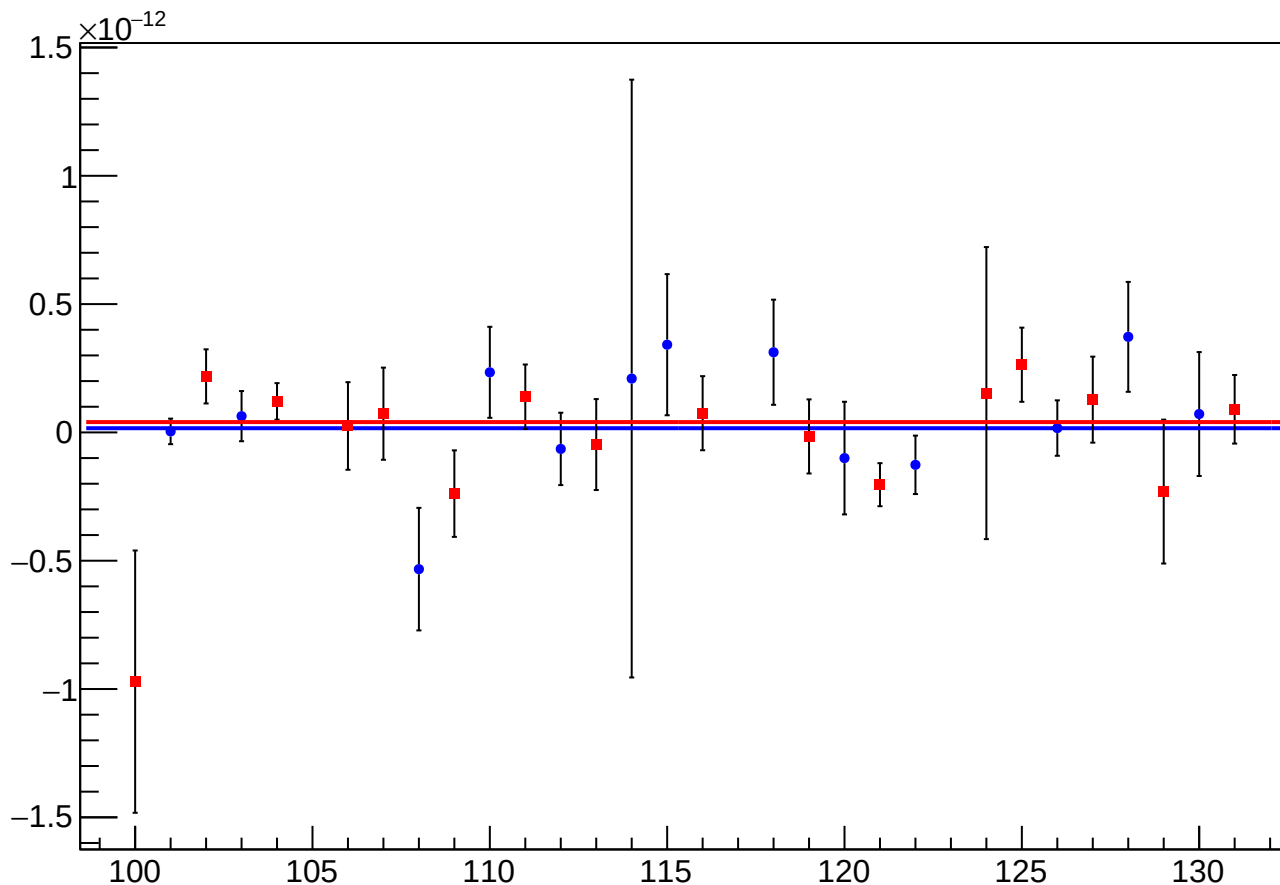
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1932.884+/-0.406 χ^2/NDF : 709820.4/28

- 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 : 15.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 24.1/15

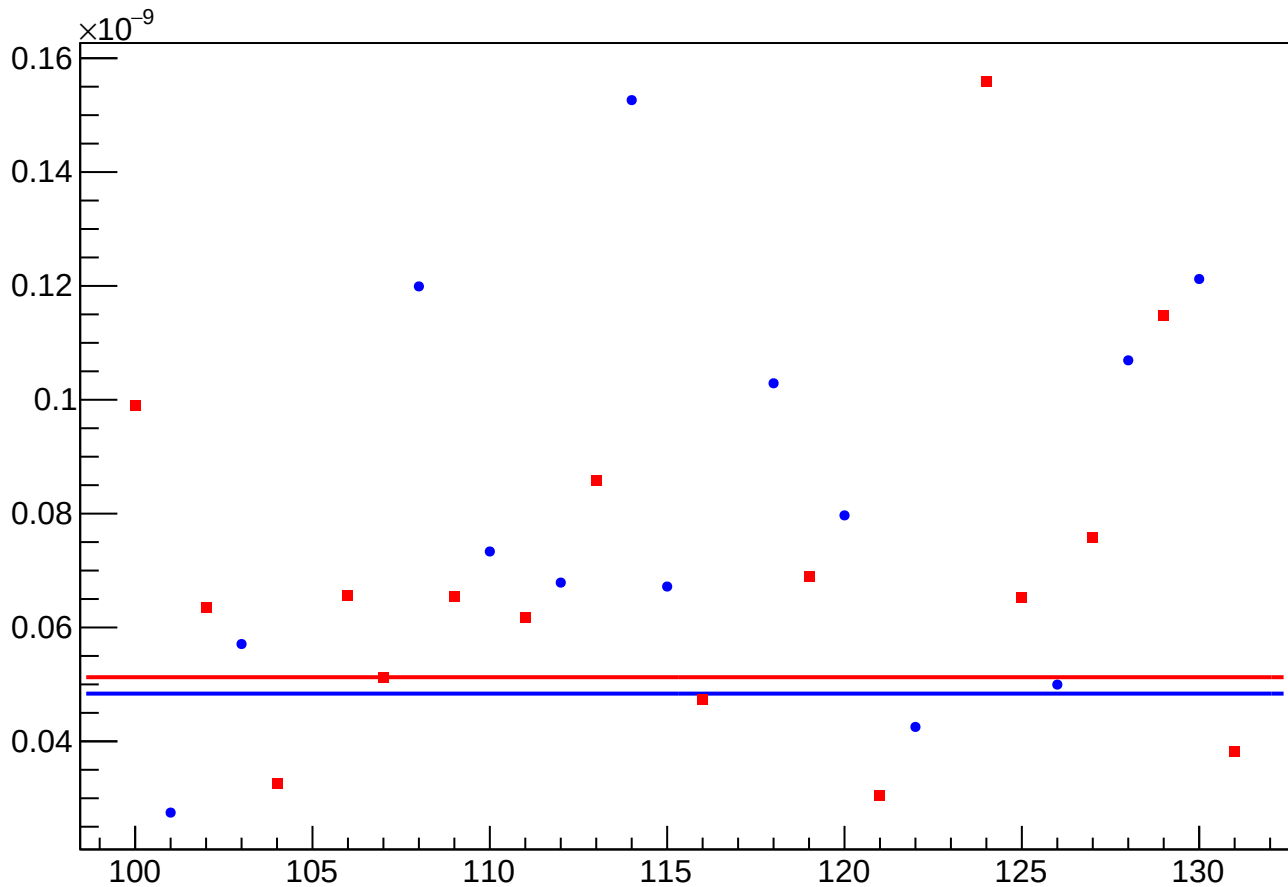
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 40.0/28

- 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 : 1170268.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 704491.5/15

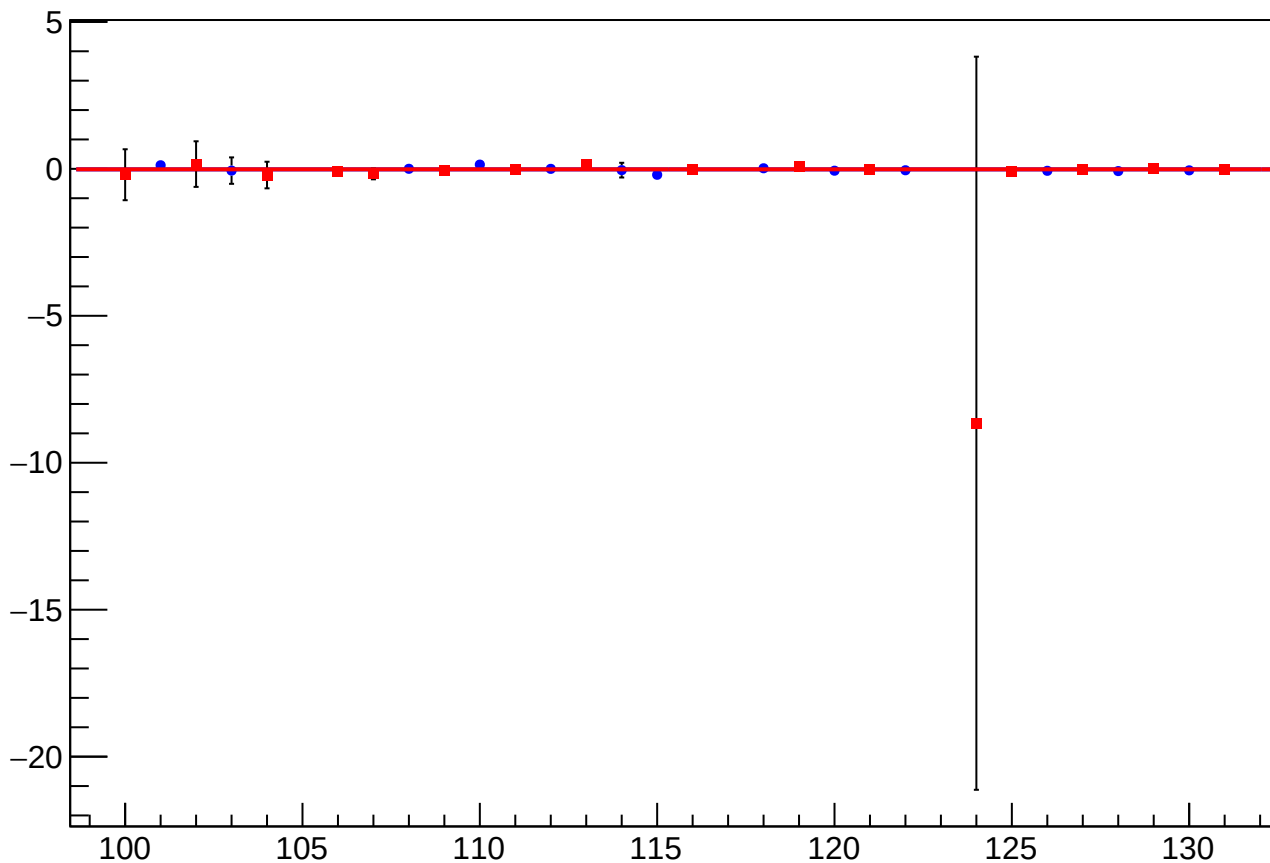
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1882023.0/28

- 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: -0.019 ± 0.020 χ^2/NDF : 12.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.017 ± 0.020 χ^2/NDF : 11.0/15

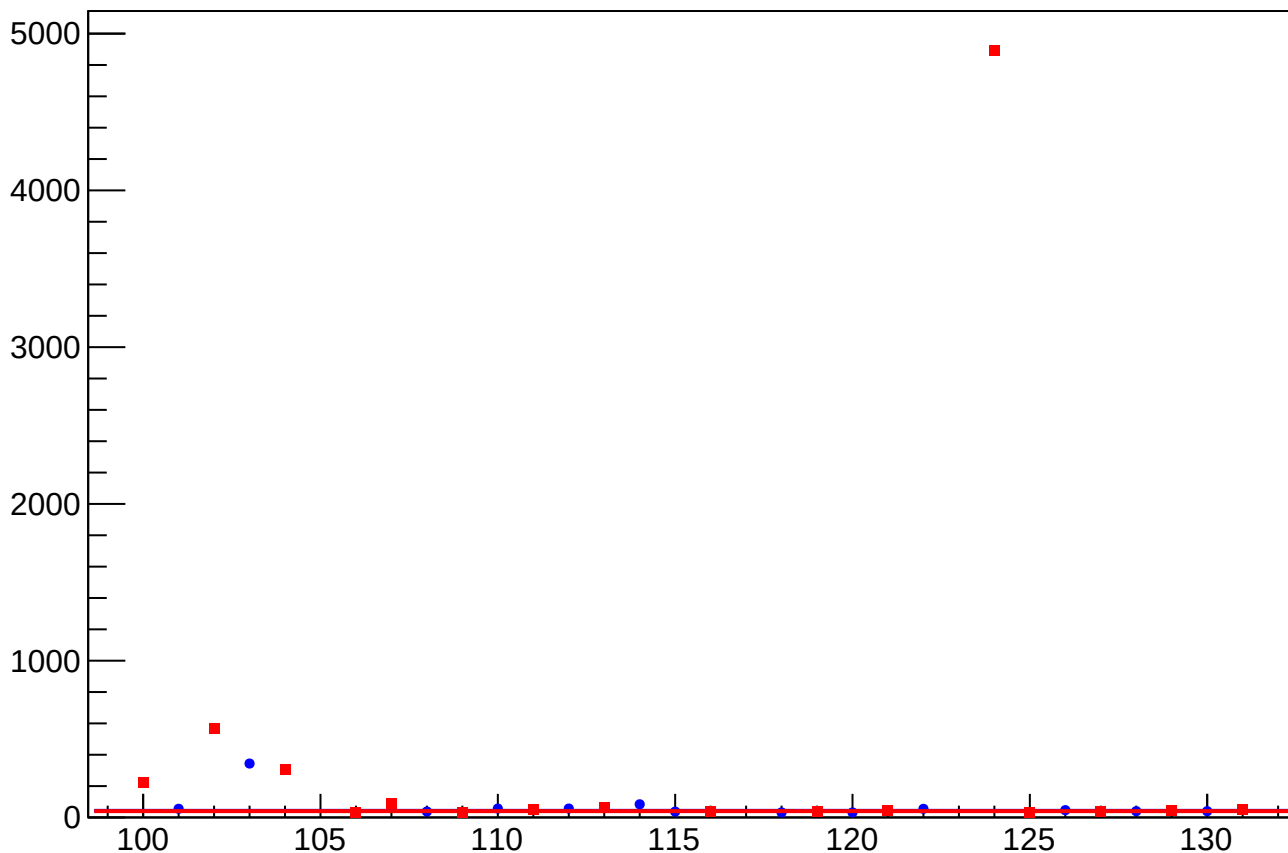
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.014 χ^2/NDF : 23.6/28

- 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: 42.102+/-0.014 χ^2/NDF : 1354145.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.336+/-0.014 χ^2/NDF : 2449069.9/15

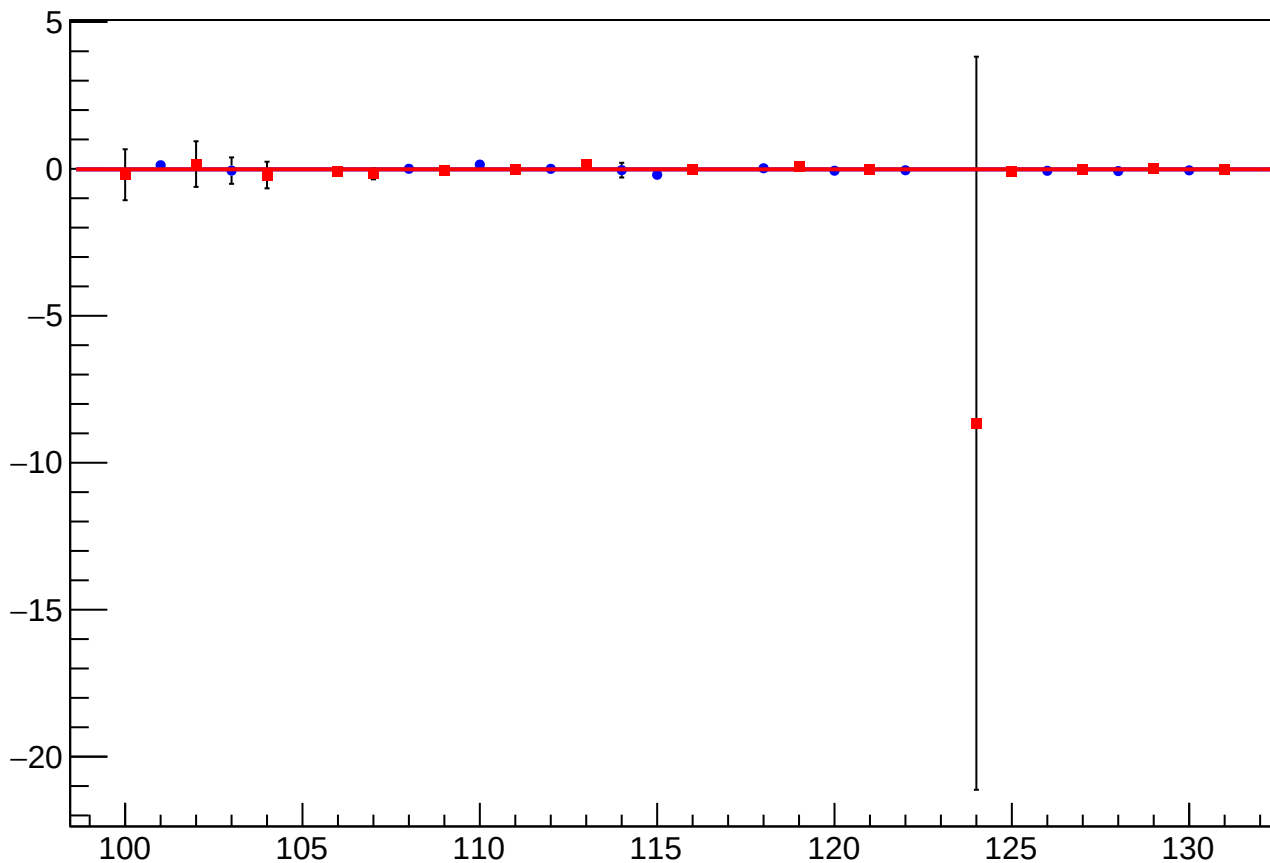
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.184+/-0.010 χ^2/NDF : 3811009.5/28

- 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: -0.019+/-0.020 χ^2 /NDF: 12.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.017+/-0.020 χ^2 /NDF: 11.0/15

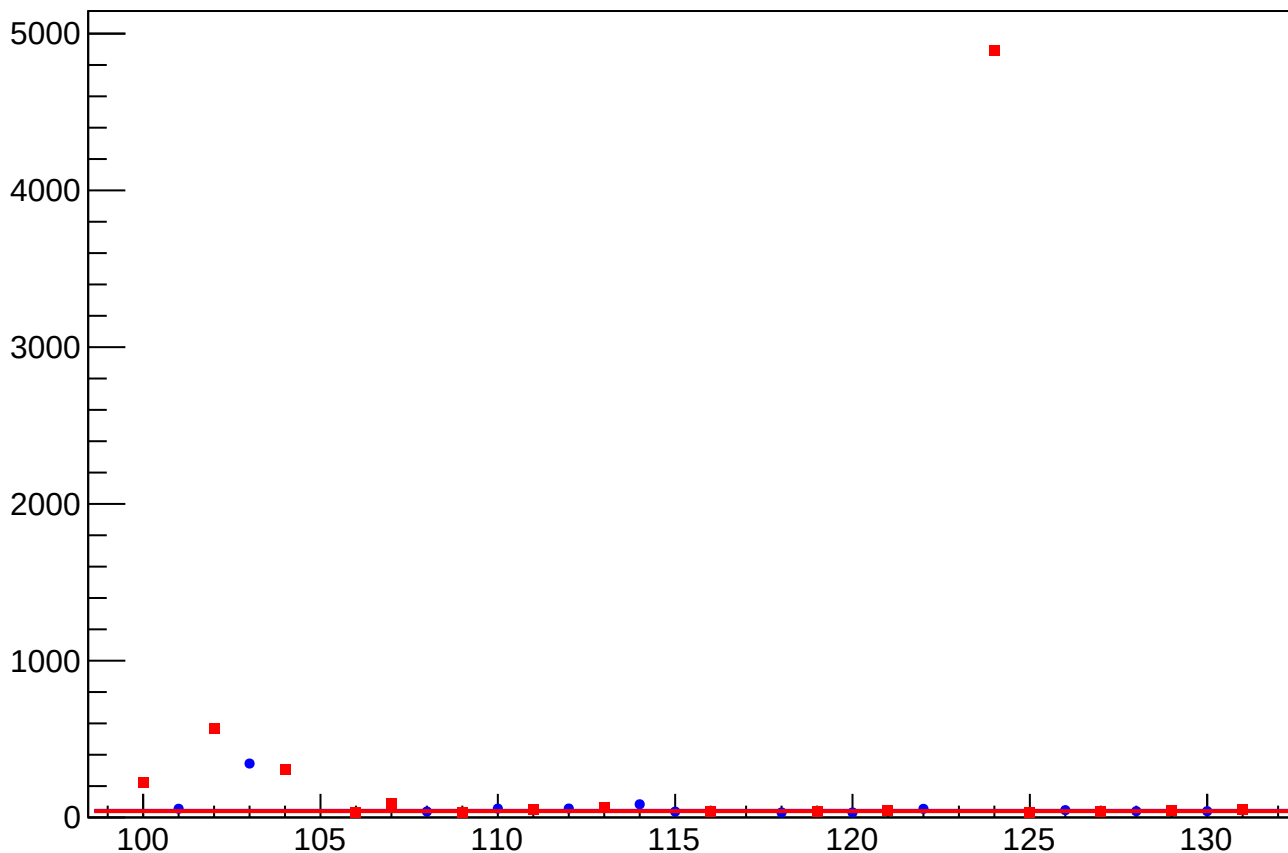
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.018+/-0.014 χ^2 /NDF: 23.6/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 42.102 $\pm$ 0.014 χ^2 /NDF: 1354145.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 40.336 $\pm$ 0.014 χ^2 /NDF: 2449069.9/15

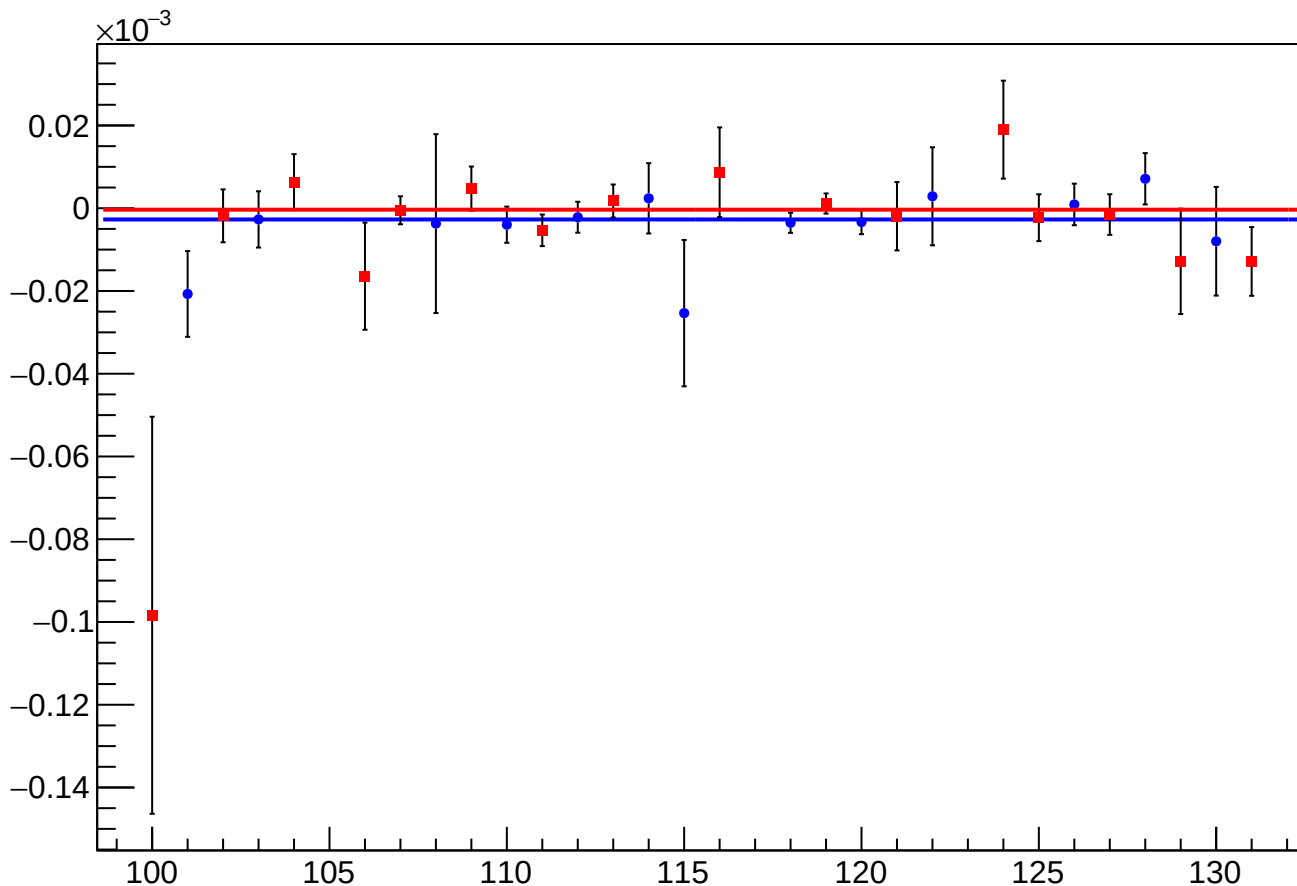
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 41.184 $\pm$ 0.010 χ^2 /NDF: 3811009.5/28

- 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 : 8.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.8/15

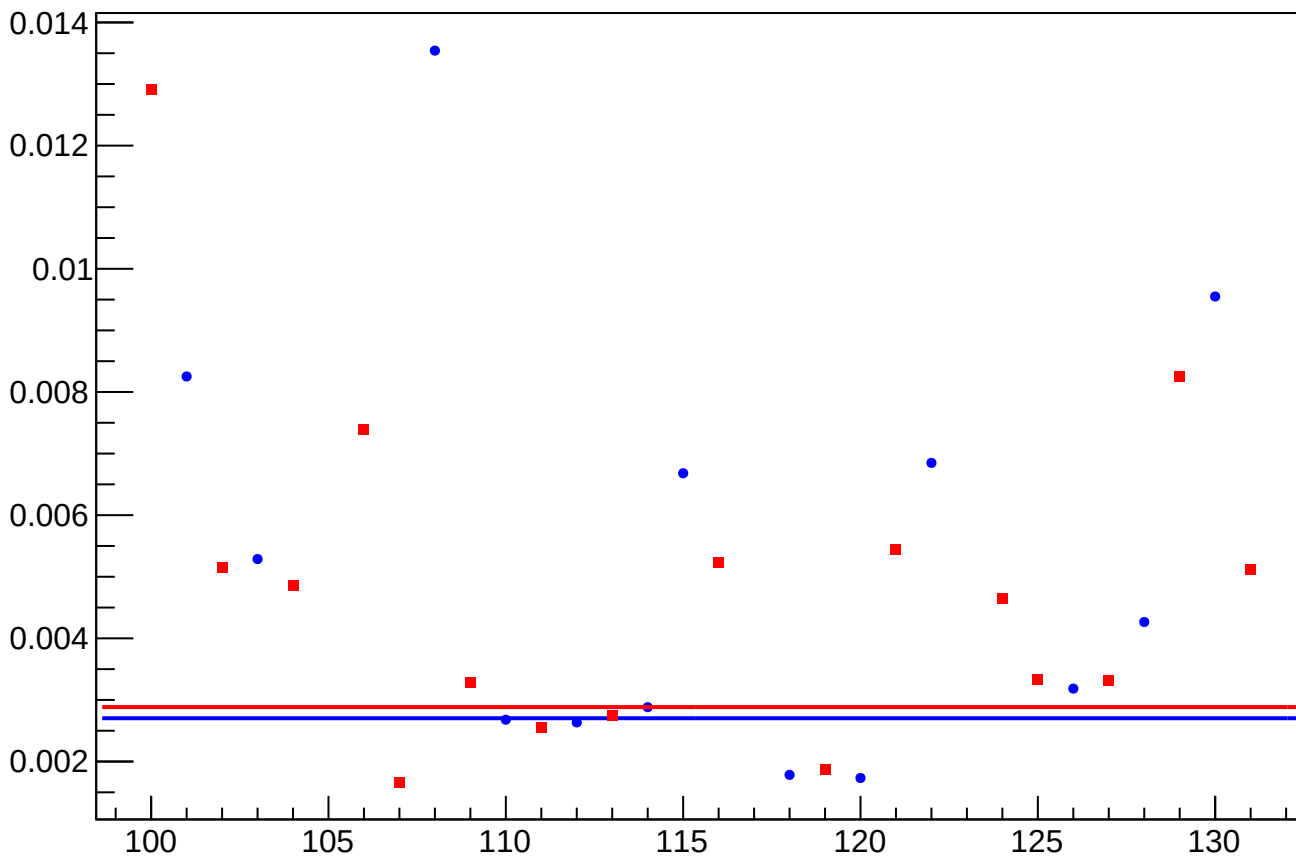
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.1/28

- 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 : 2907921.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2249298.3/15

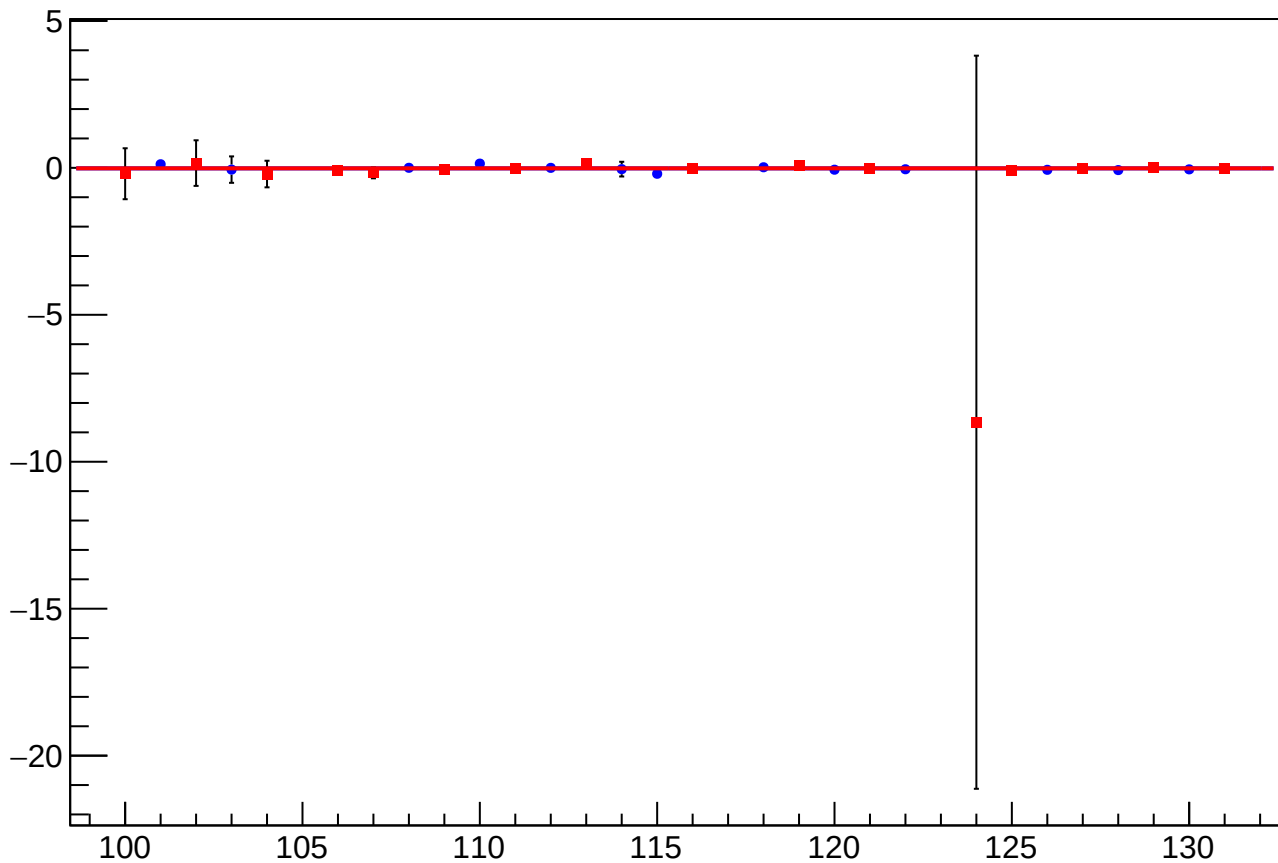
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 5175813.4/28

- 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: -0.019+/-0.020 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.017+/-0.020 χ^2/NDF : 11.0/15

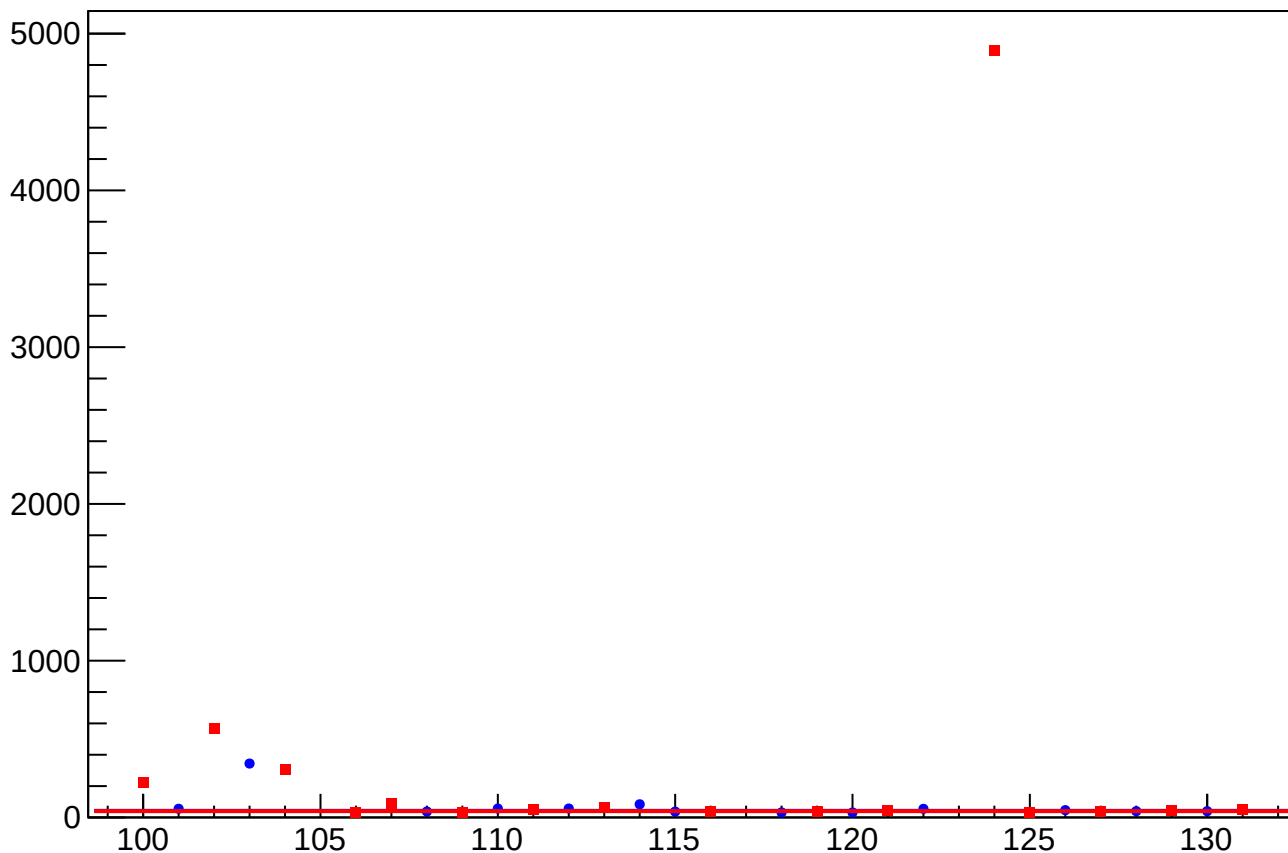
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.014 χ^2/NDF : 23.6/28

- 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: 42.102 $\pm$ 0.014 χ^2 /NDF: 1354160.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 40.335 $\pm$ 0.014 χ^2 /NDF: 2449119.4/15

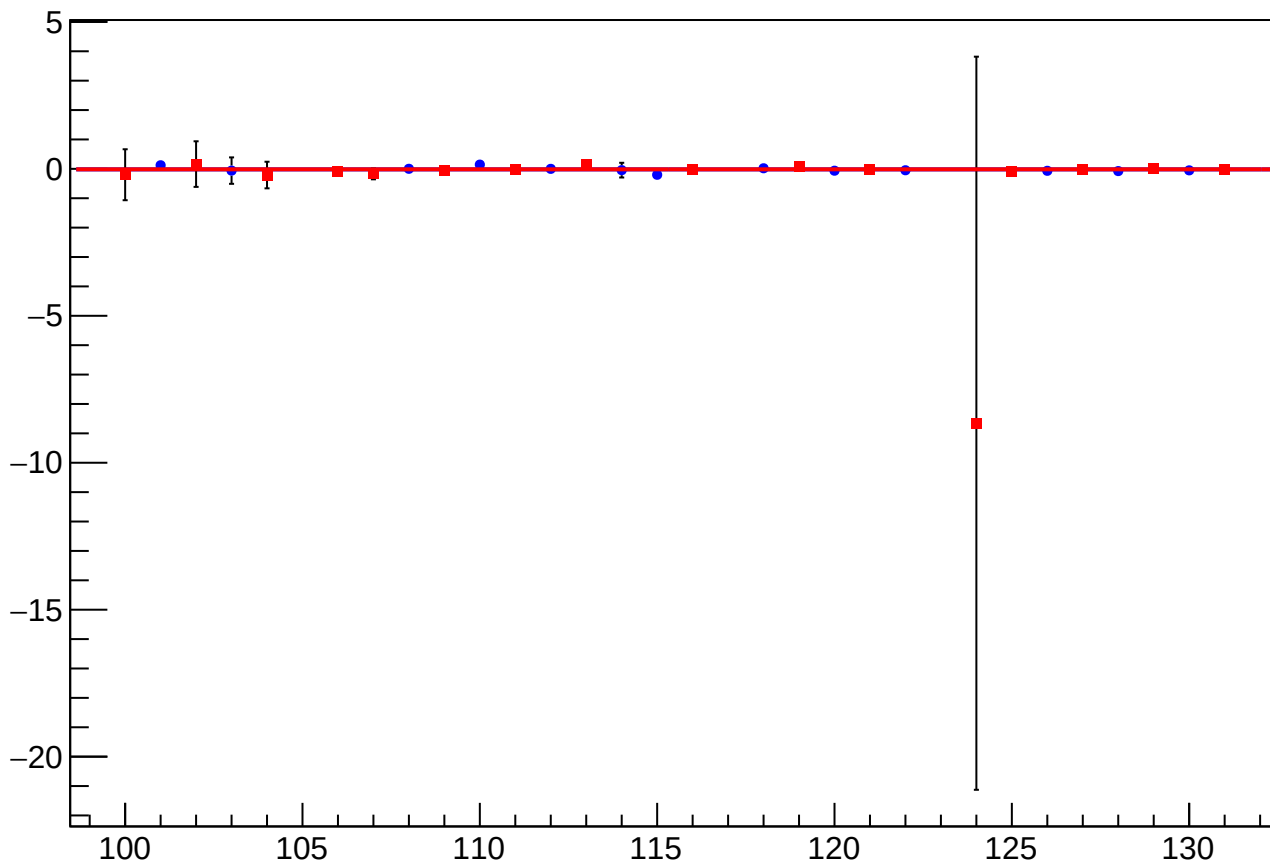
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 41.183 $\pm$ 0.010 χ^2 /NDF: 3811081.8/28

- 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: -0.019+/-0.020 χ^2 /NDF: 12.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.017+/-0.020 χ^2 /NDF: 11.0/15

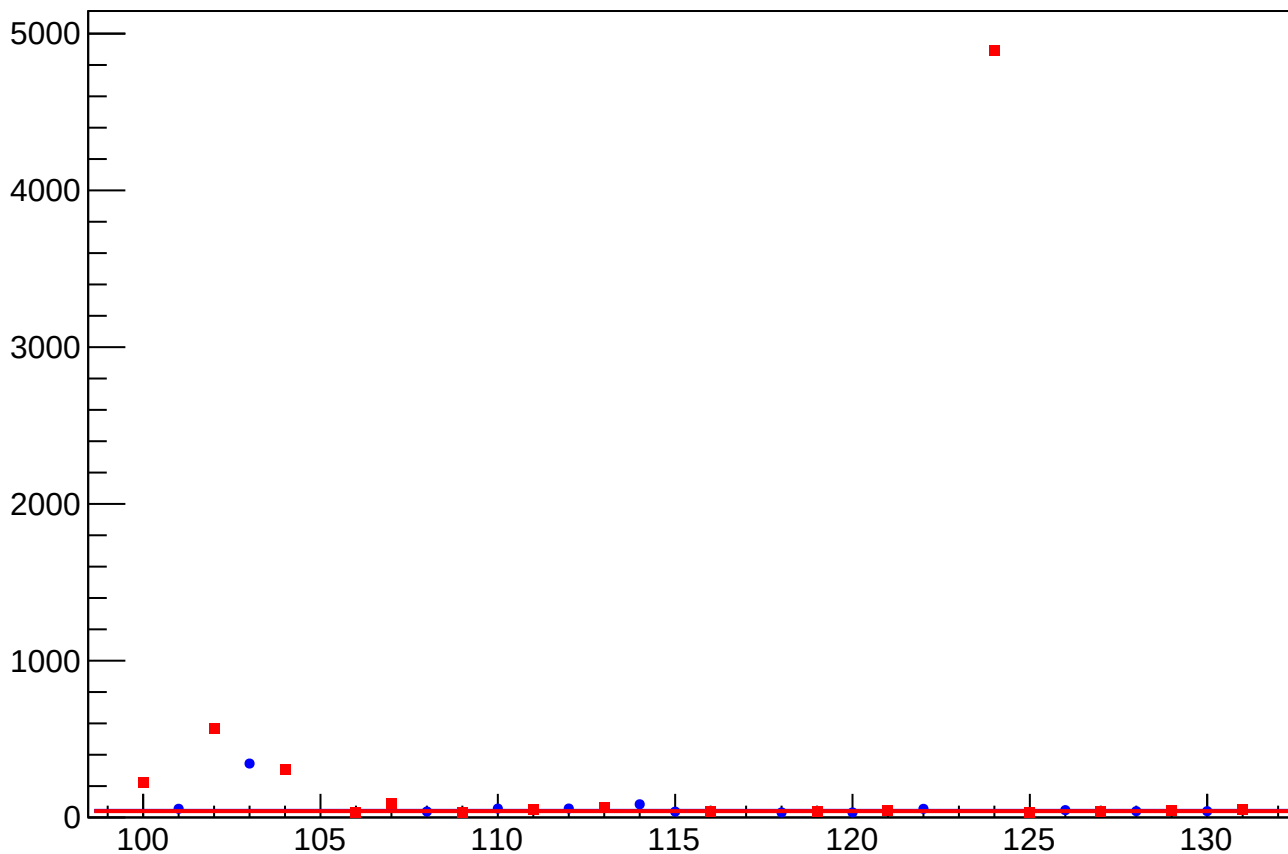
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.018+/-0.014 χ^2 /NDF: 23.6/28

- sign 0.000+/-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: 42.102+/-0.014 χ^2/NDF : 1354160.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.335+/-0.014 χ^2/NDF : 2449119.4/15

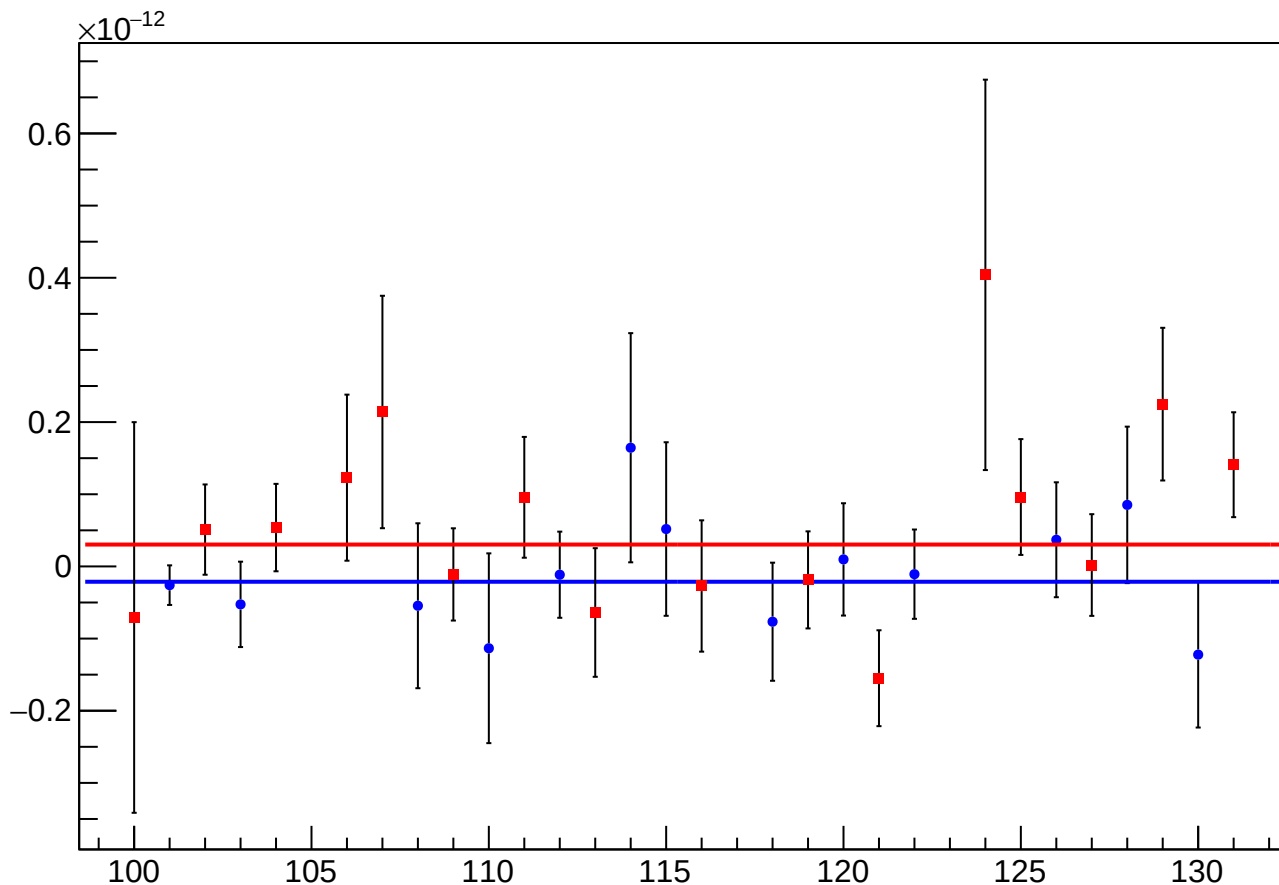
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.183+/-0.010 χ^2/NDF : 3811081.8/28

- sign 0.000+/-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: 5.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 21.6/15

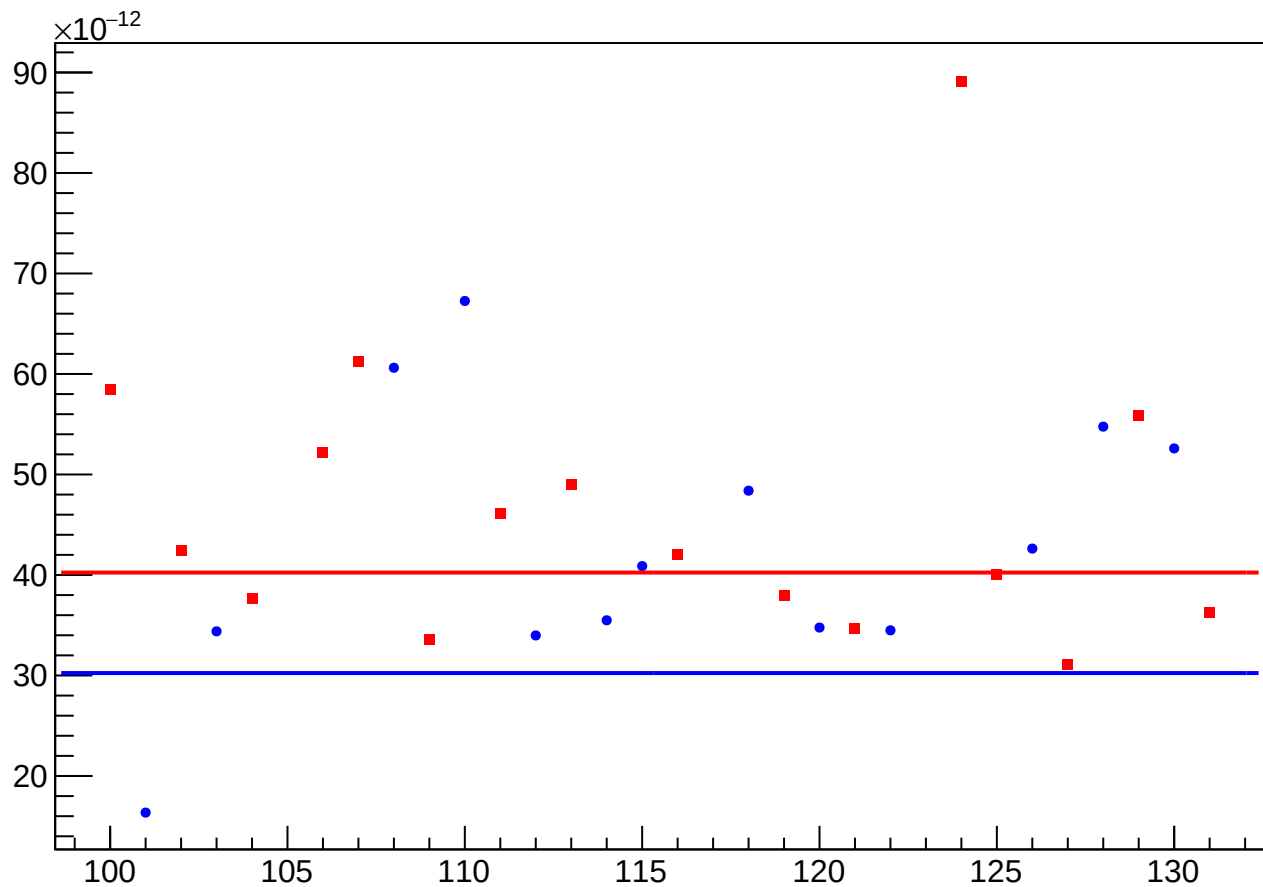
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 31.0/28

- 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 : 1210689.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 287415.1/15

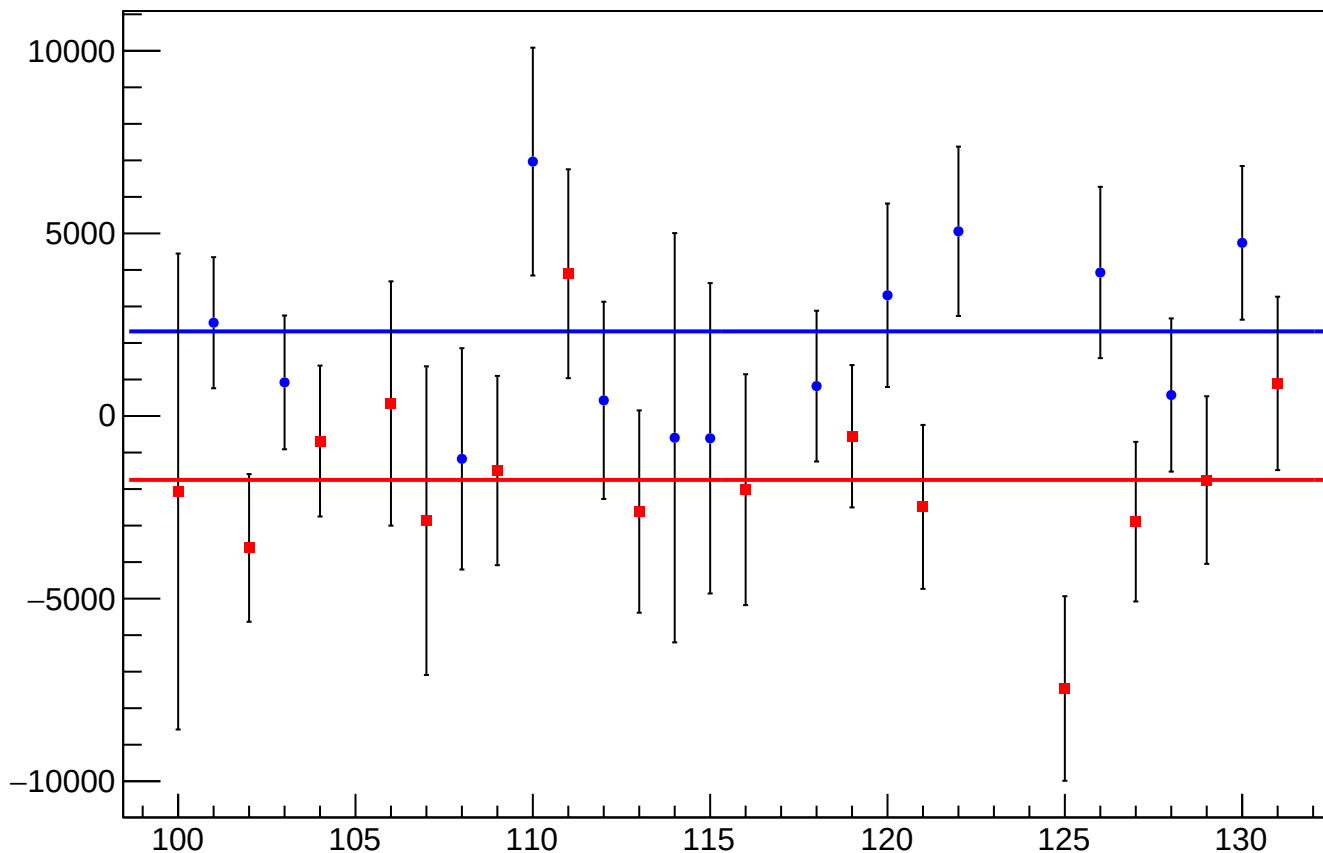
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1766085.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_avg_mean vs Slug



Right In: 2317.615 $\pm$ 665.383 χ^2 /NDF: 9.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1748.654 $\pm$ 653.097 χ^2 /NDF: 12.7/14

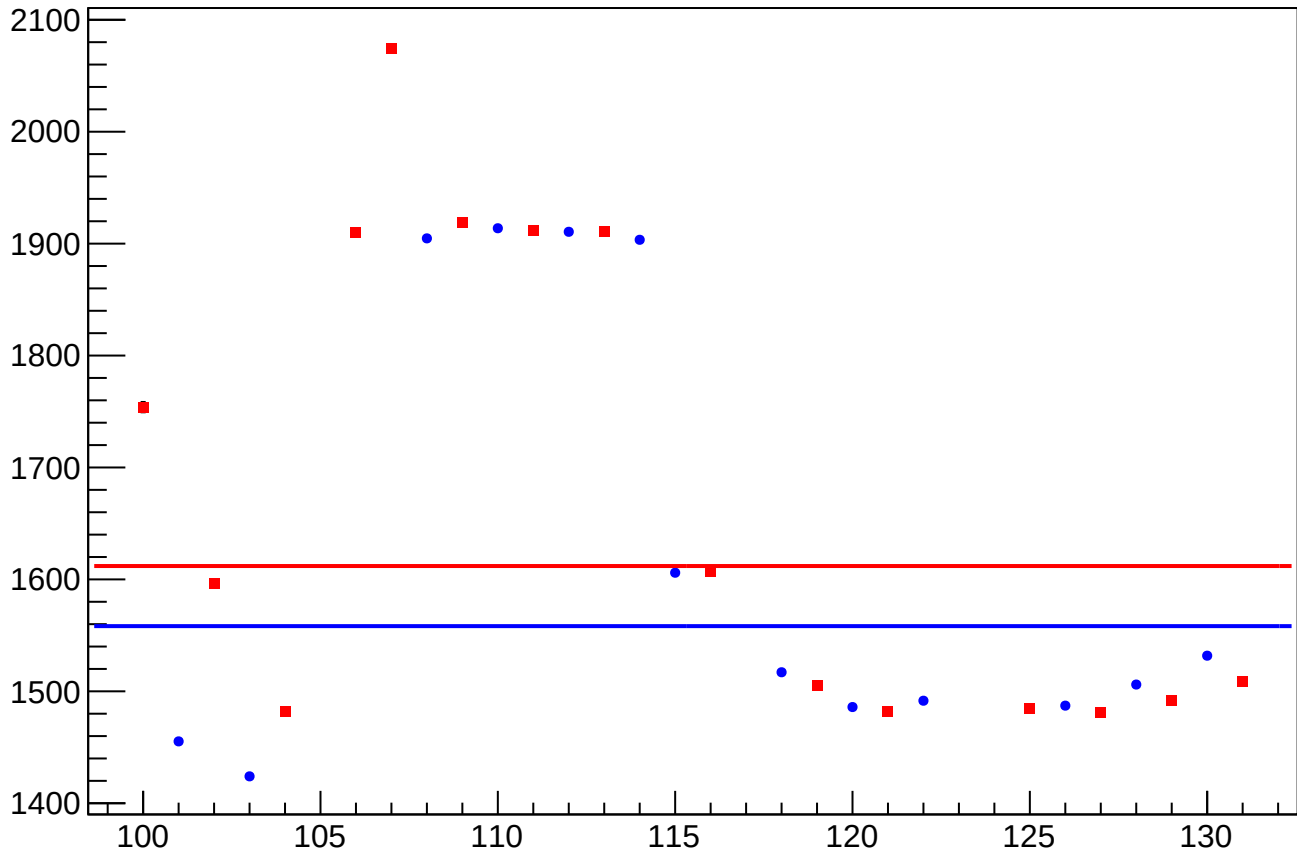
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 246.595 $\pm$ 466.092 χ^2 /NDF: 41.7/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_avg_rms vs Slug



Right In: 1558.246+/-0.470 χ^2/NDF : 118846.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1611.940+/-0.462 χ^2/NDF : 156468.0/14

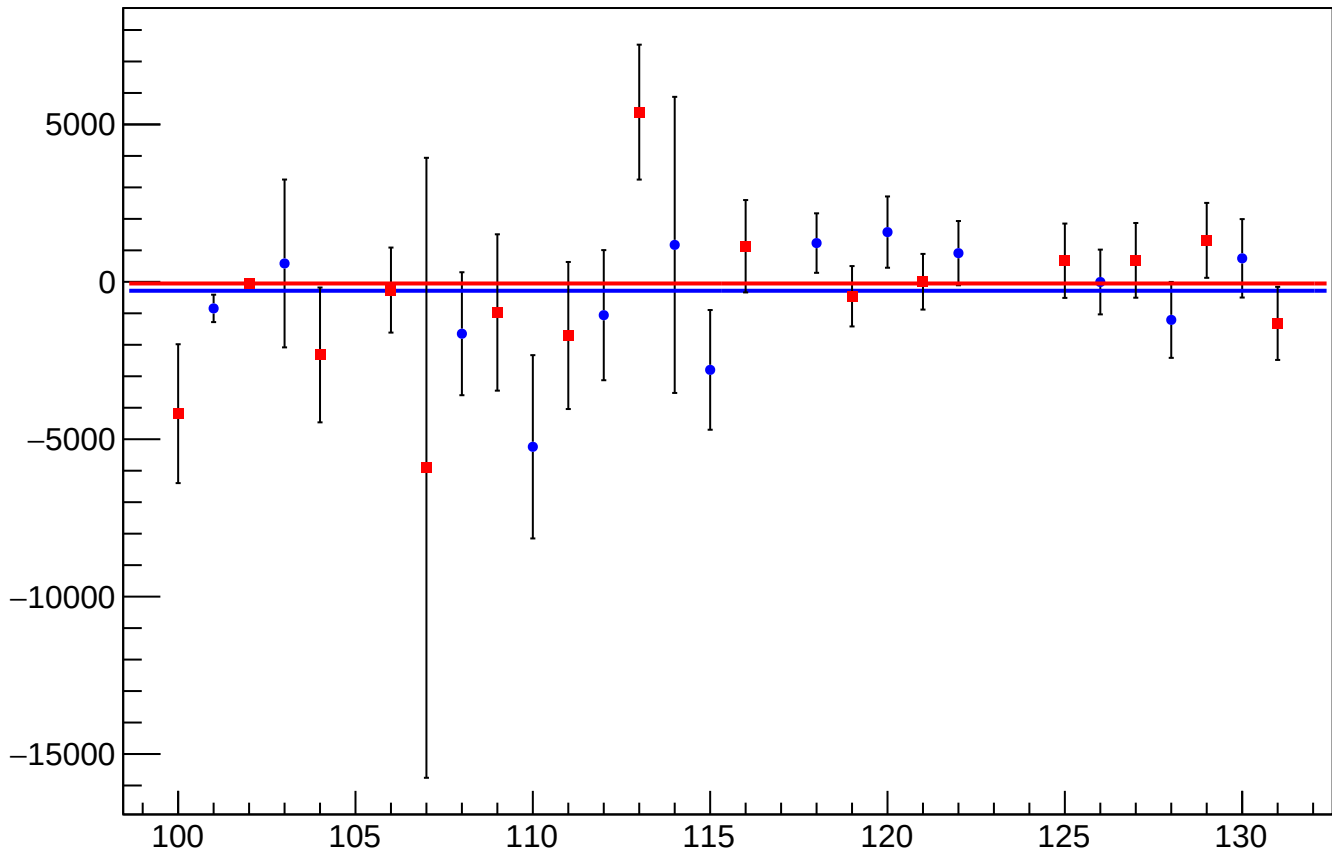
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1585.593+/-0.330 χ^2/NDF : 281947.7/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_reg_correction_mean vs Slug



Right In: -283.356+/-295.031 χ^2/NDF : 15.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -52.376+/-129.141 χ^2/NDF : 16.2/14

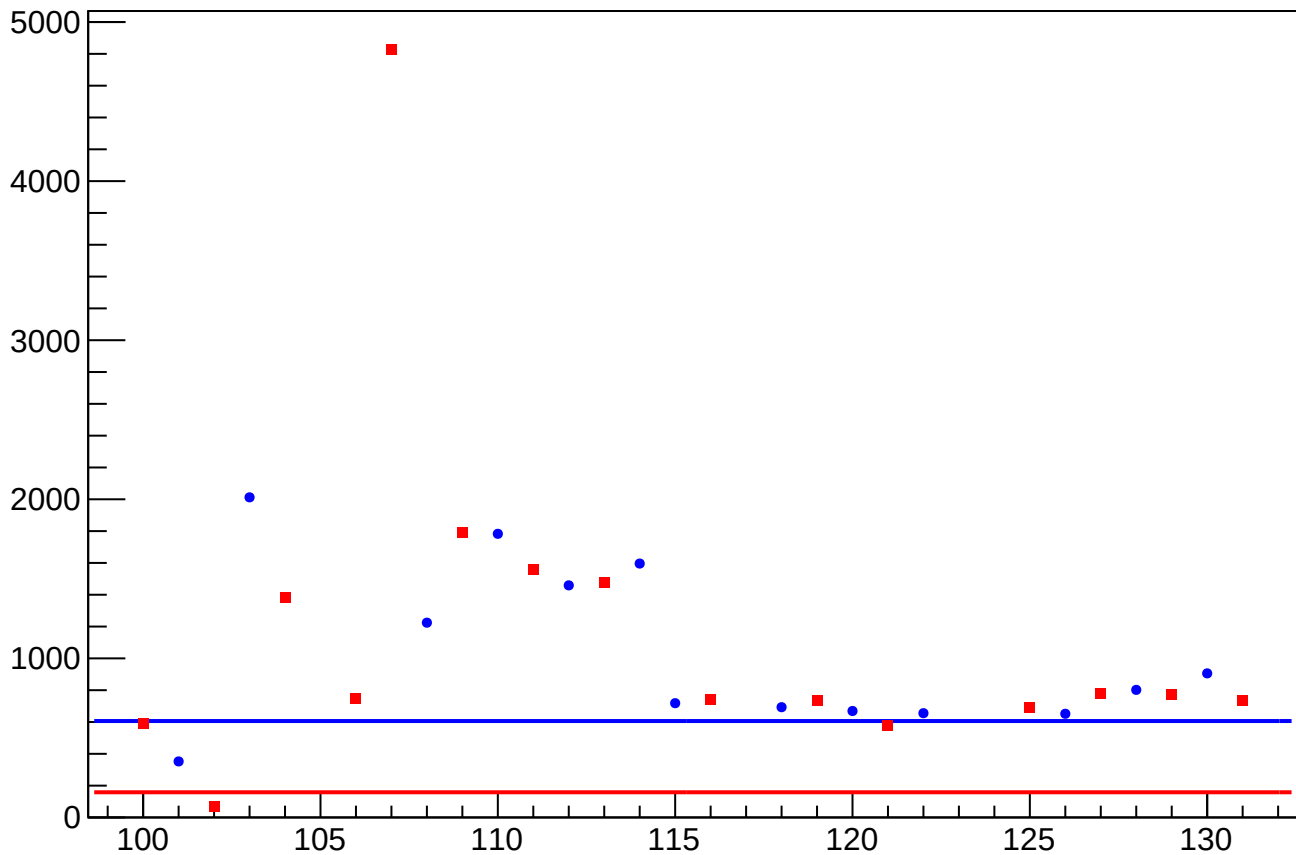
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -89.515+/-118.304 χ^2/NDF : 31.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_reg_correction_rms vs Slug



Right In: 606.086+/-0.209 χ^2/NDF : 2399875.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.276+/-0.091 χ^2/NDF : 8201226.9/14

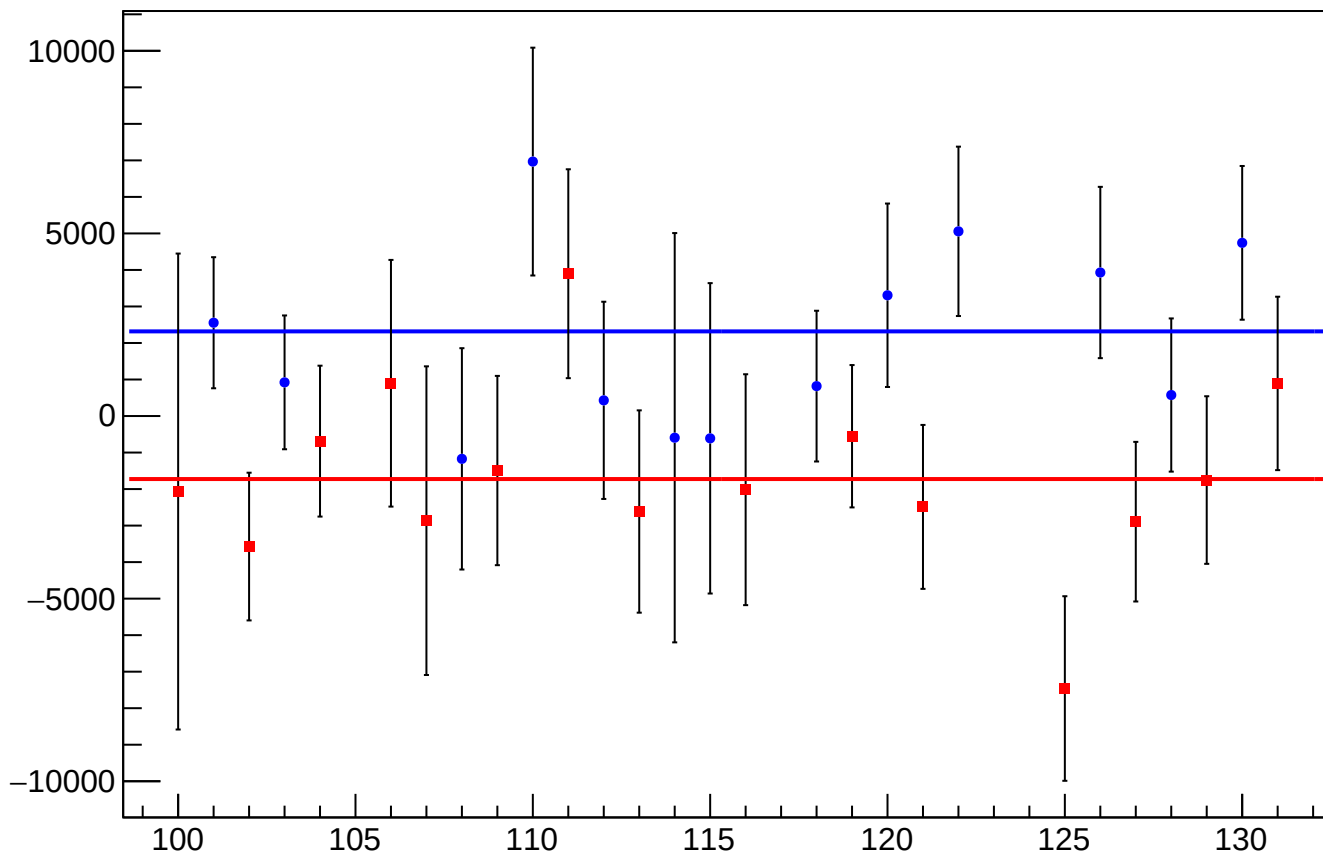
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.280+/-0.084 χ^2/NDF : 14467901.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl1_avg_mean vs Slug



Right In: 2317.828 $\pm$ 665.383 χ^2 /NDF: 9.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1725.395 $\pm$ 653.344 χ^2 /NDF: 12.9/14

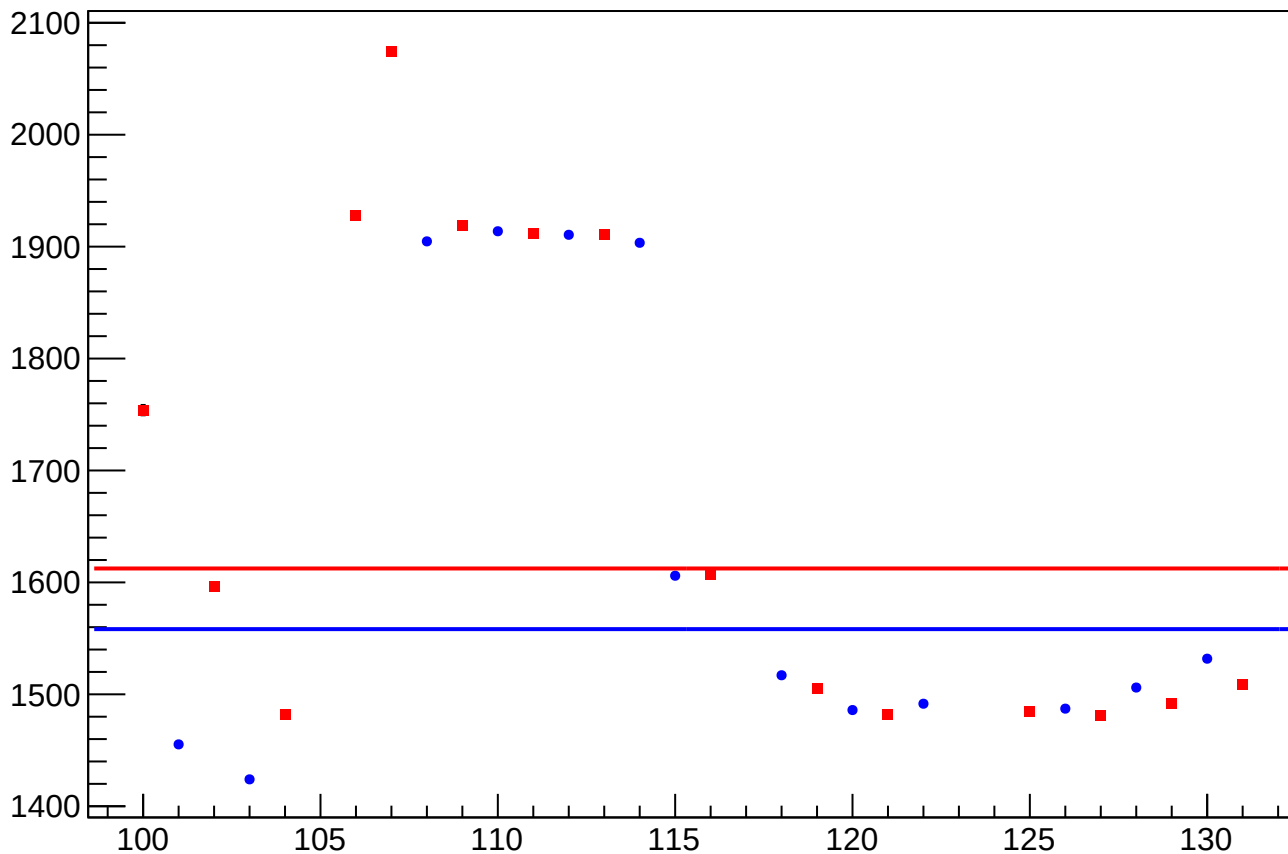
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 259.308 $\pm$ 466.182 χ^2 /NDF: 41.6/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usl_atl1_avg_rms vs Slug



Right In: 1558.246 $\pm$ 0.470 χ^2 /NDF: 118846.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1612.431 $\pm$ 0.462 χ^2 /NDF: 158135.8/14

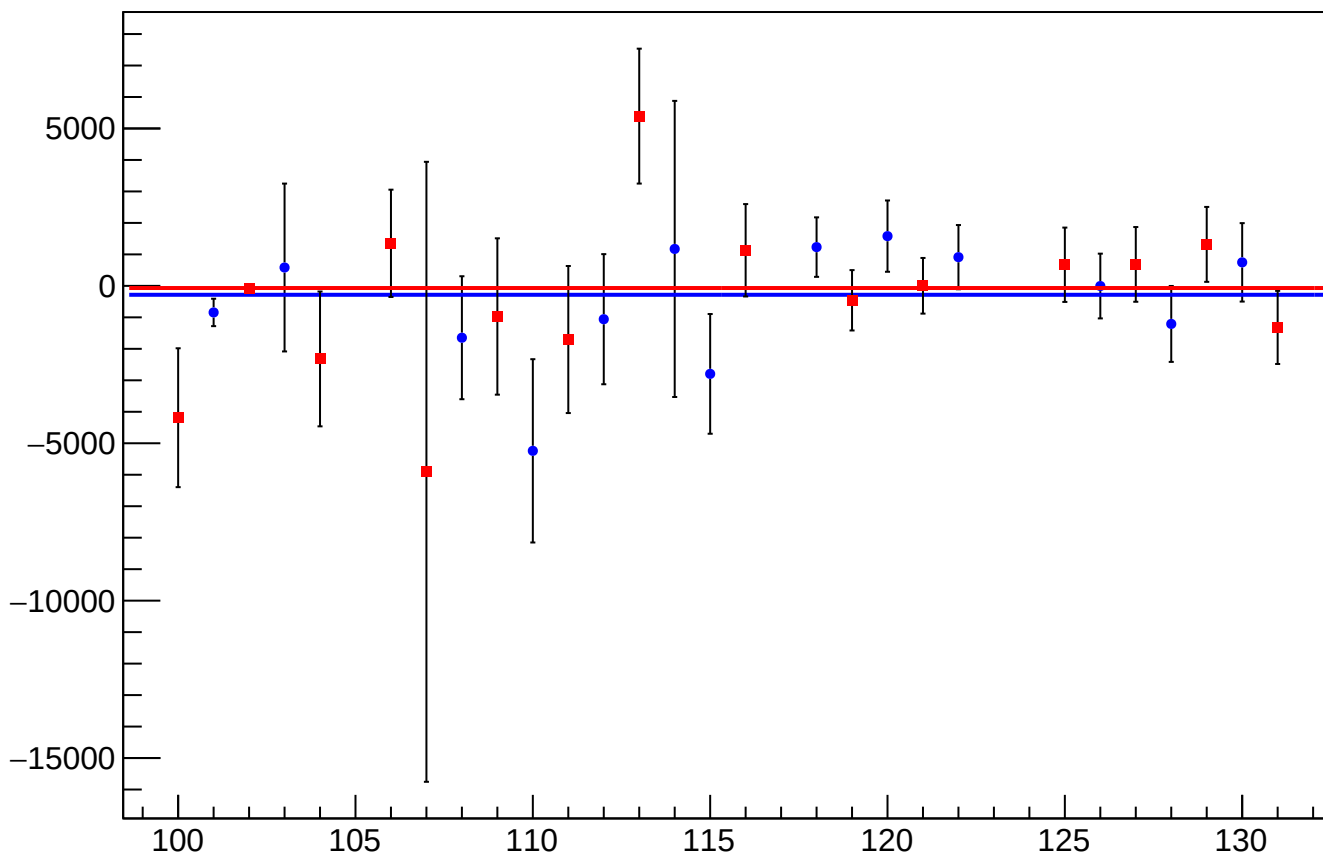
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1585.833 $\pm$ 0.330 χ^2 /NDF: 283734.9/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_cor_correction_mean vs Slug



Right In: -283.277+/-295.030 χ^2/NDF : 15.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -68.273+/-139.966 χ^2/NDF : 16.9/14

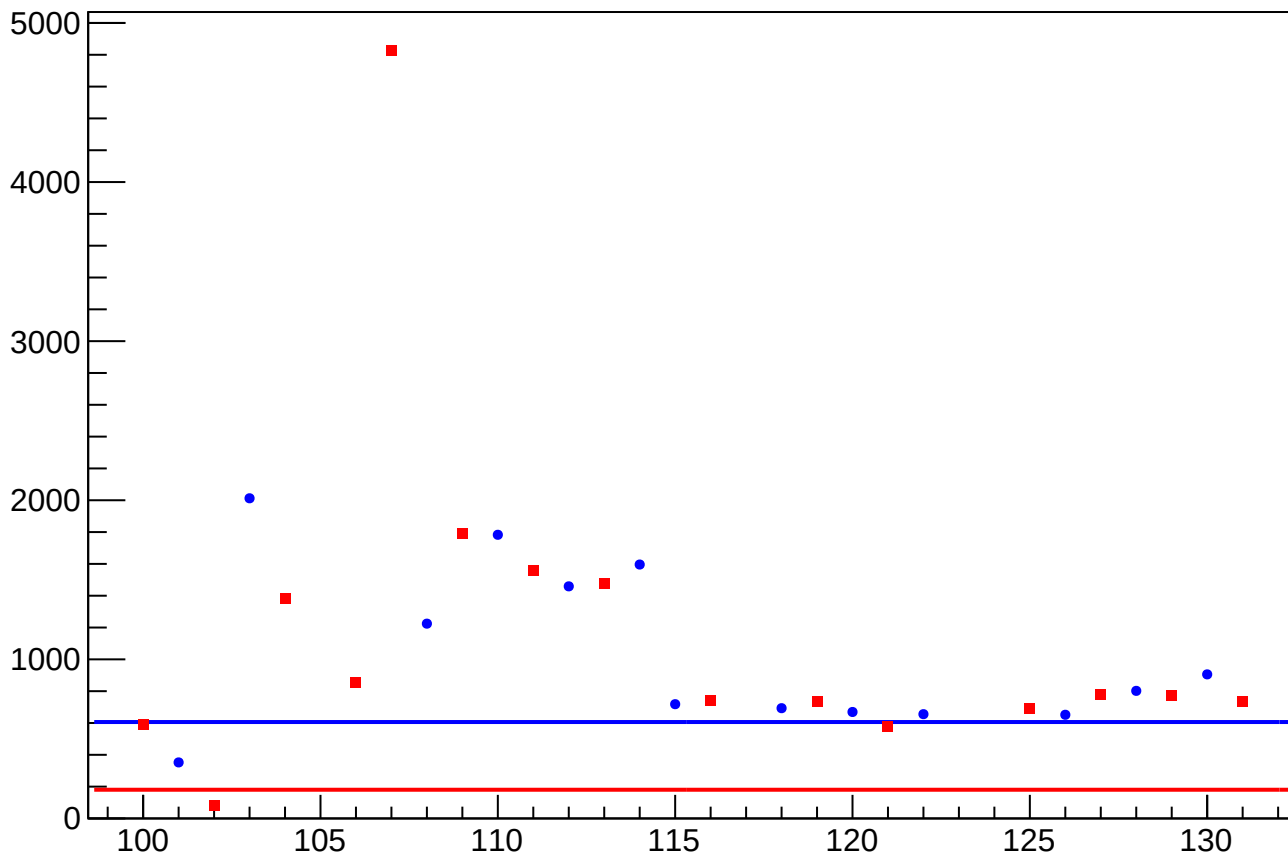
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -107.773+/-126.457 χ^2/NDF : 32.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_cor_correction_rms vs Slug



Right In: 606.083+/-0.209 χ^2/NDF : 2399894.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 180.470+/-0.099 χ^2/NDF : 7817394.5/14

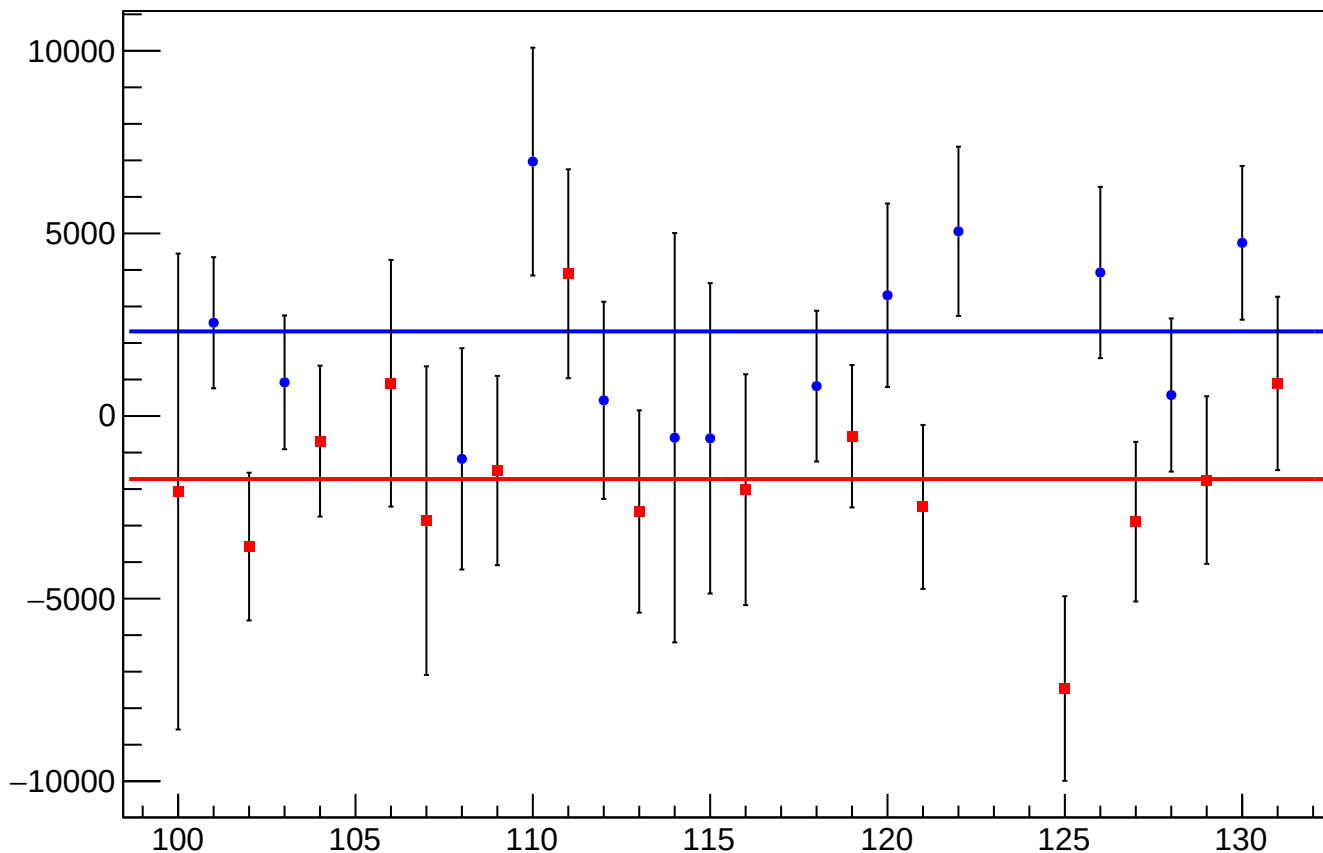
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 258.662+/-0.089 χ^2/NDF : 13614859.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl1_avg_mean vs Slug



Right In: 2317.828+/-665.383 χ^2/NDF : 9.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1725.395+/-653.344 χ^2/NDF : 12.9/14

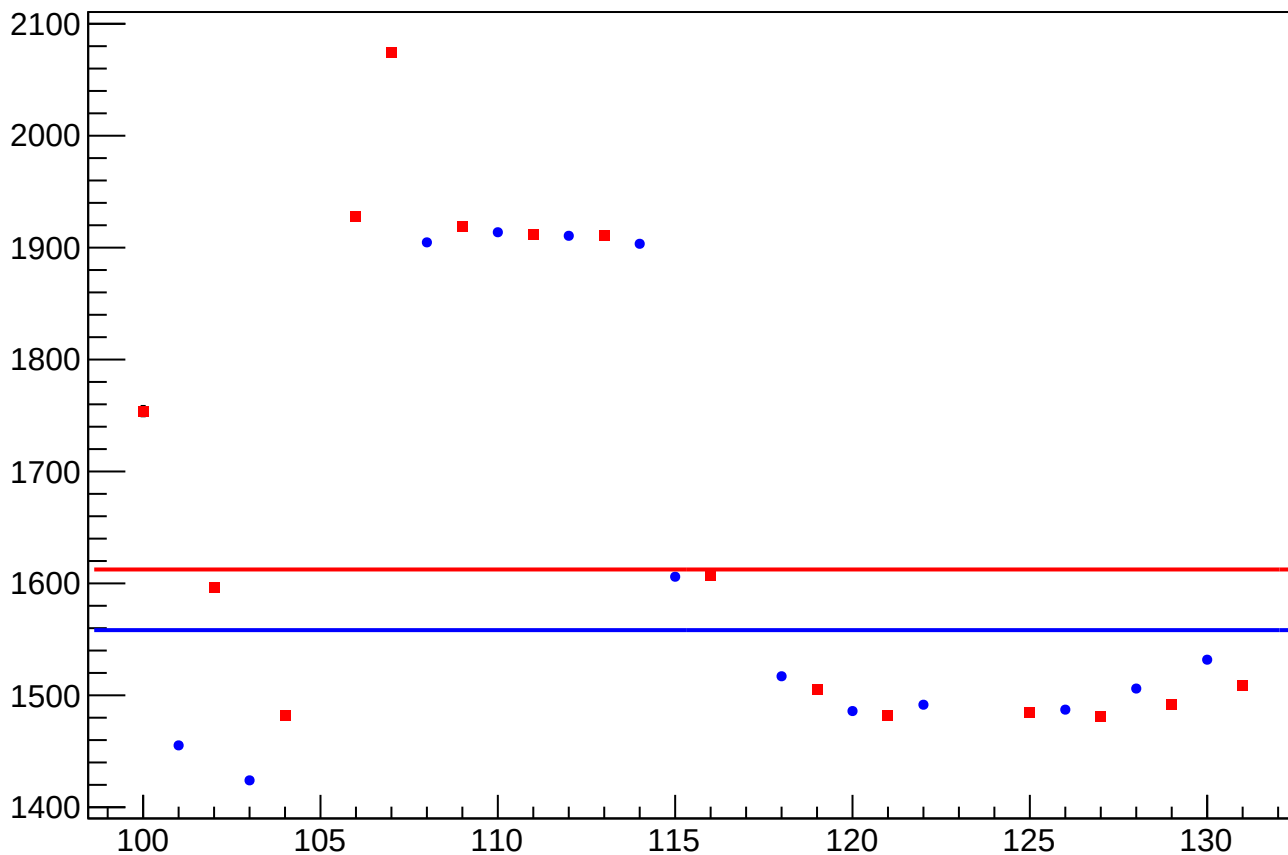
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 259.308+/-466.182 χ^2/NDF : 41.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl1_avg_rms vs Slug



Right In: 1558.246+/-0.470 χ^2/NDF : 118846.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1612.431+/-0.462 χ^2/NDF : 158135.8/14

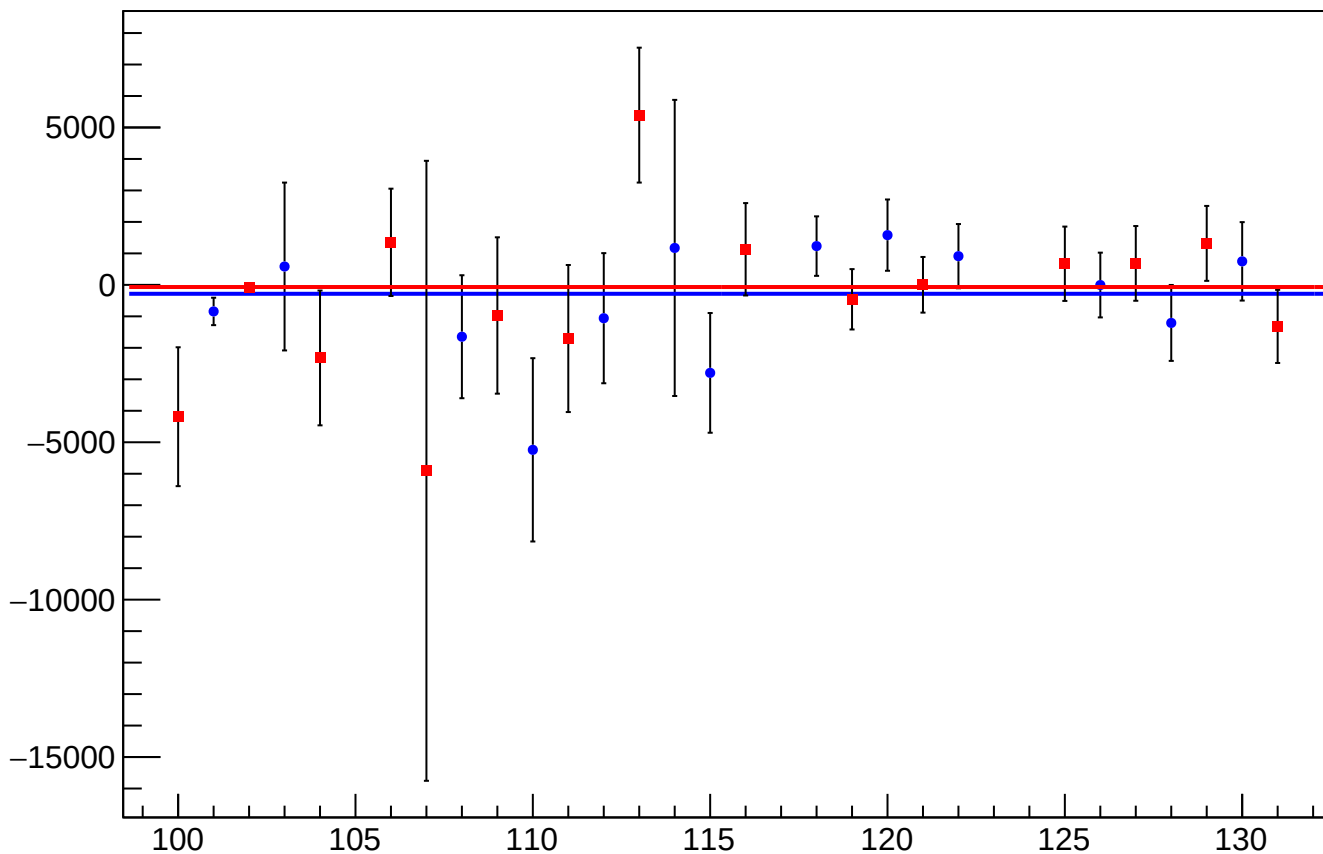
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1585.833+/-0.330 χ^2/NDF : 283734.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_cor_correction_mean vs Slug



Right In: -283.277+/-295.030 χ^2/NDF : 15.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -68.273+/-139.966 χ^2/NDF : 16.9/14

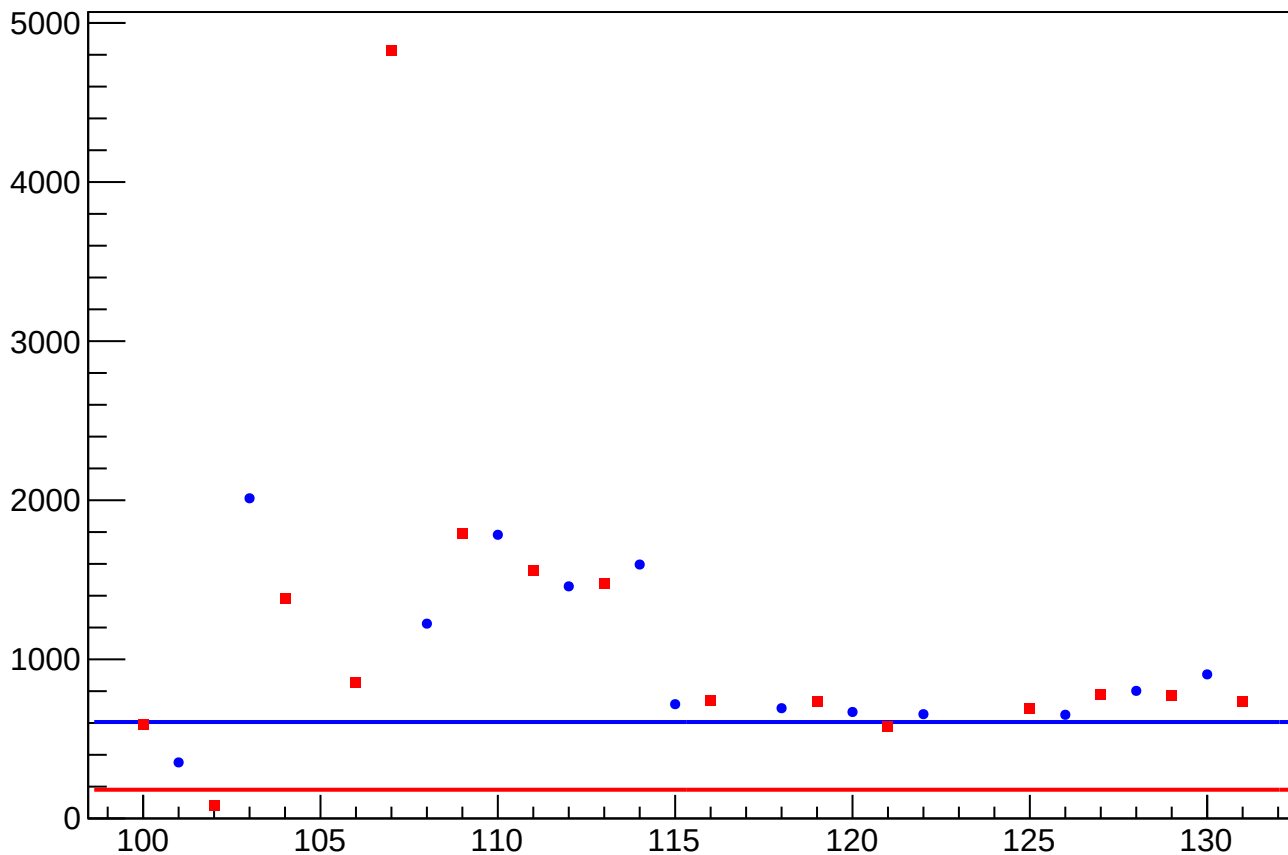
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -107.773+/-126.457 χ^2/NDF : 32.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_cor_correction_rms vs Slug



Right In: 606.083+/-0.209 χ^2/NDF : 2399894.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 180.470+/-0.099 χ^2/NDF : 7817394.5/14

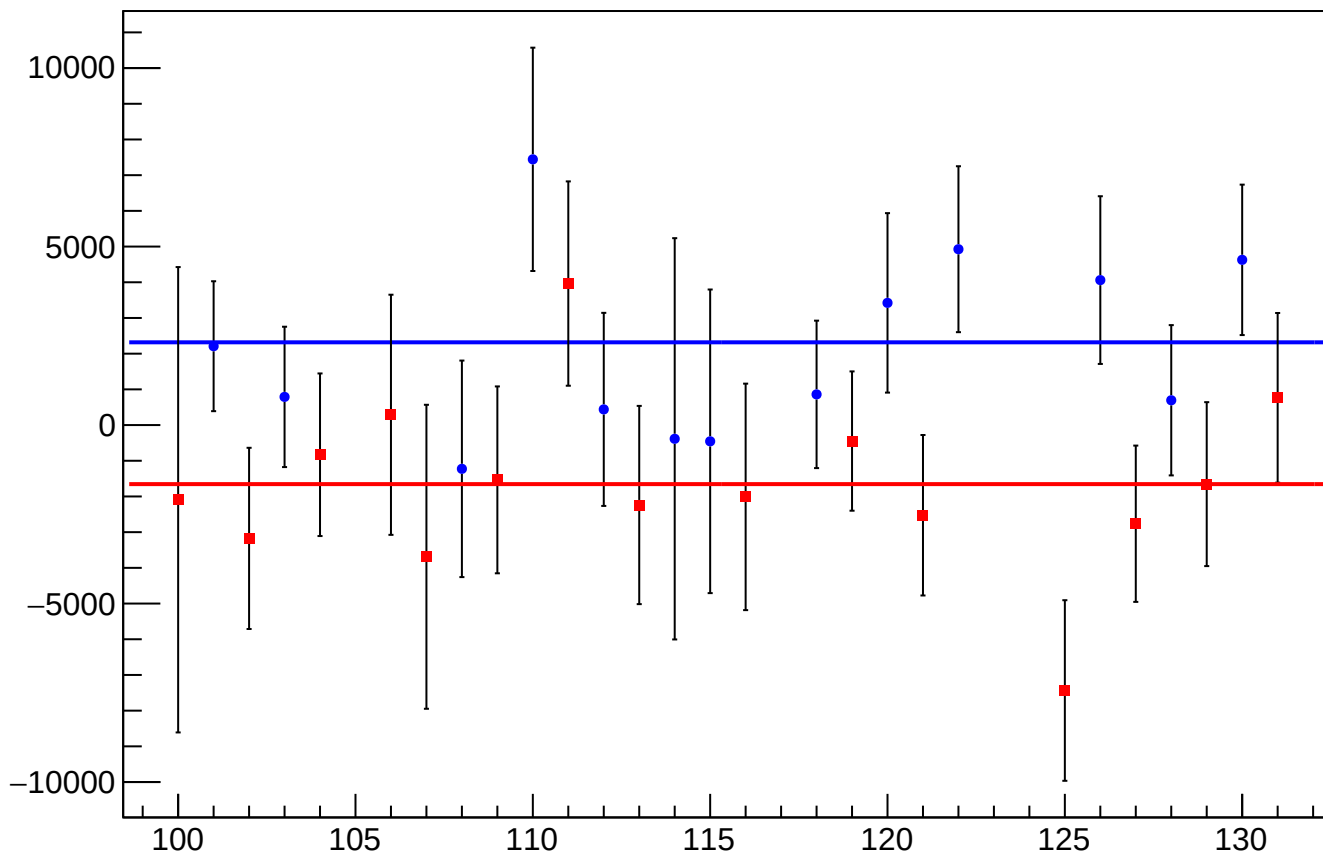
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 258.662+/-0.089 χ^2/NDF : 13614859.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl1_avg_mean vs Slug



Right In: 2317.879+/-673.364 χ^2 /NDF: 10.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1654.099+/-673.490 χ^2 /NDF: 12.0/14

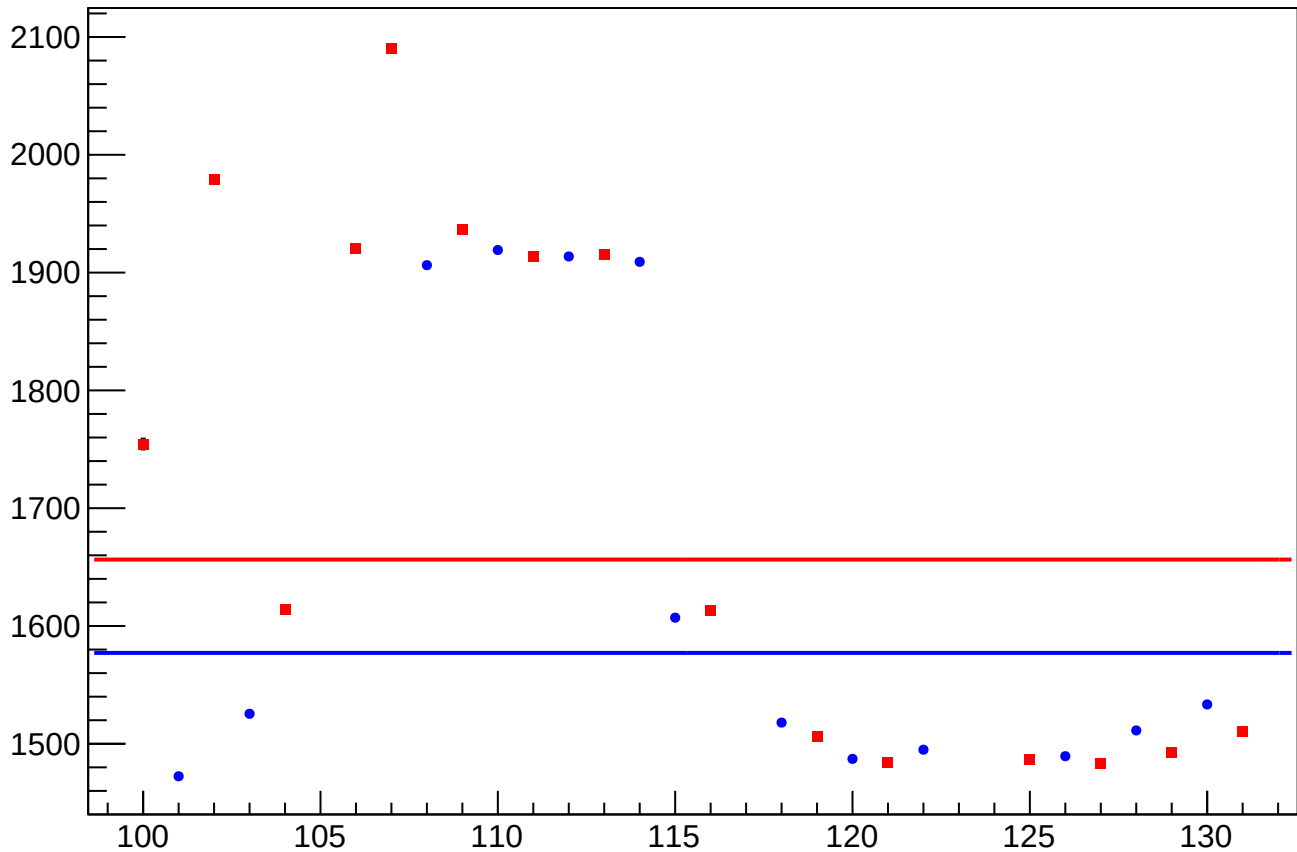
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 332.260+/-476.185 χ^2 /NDF: 39.5/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_asym_usl_atl1_avg_rms vs Slug



Right In: 1577.156+/-0.476 χ^2/NDF : 105830.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1656.392+/-0.476 χ^2/NDF : 186354.2/14

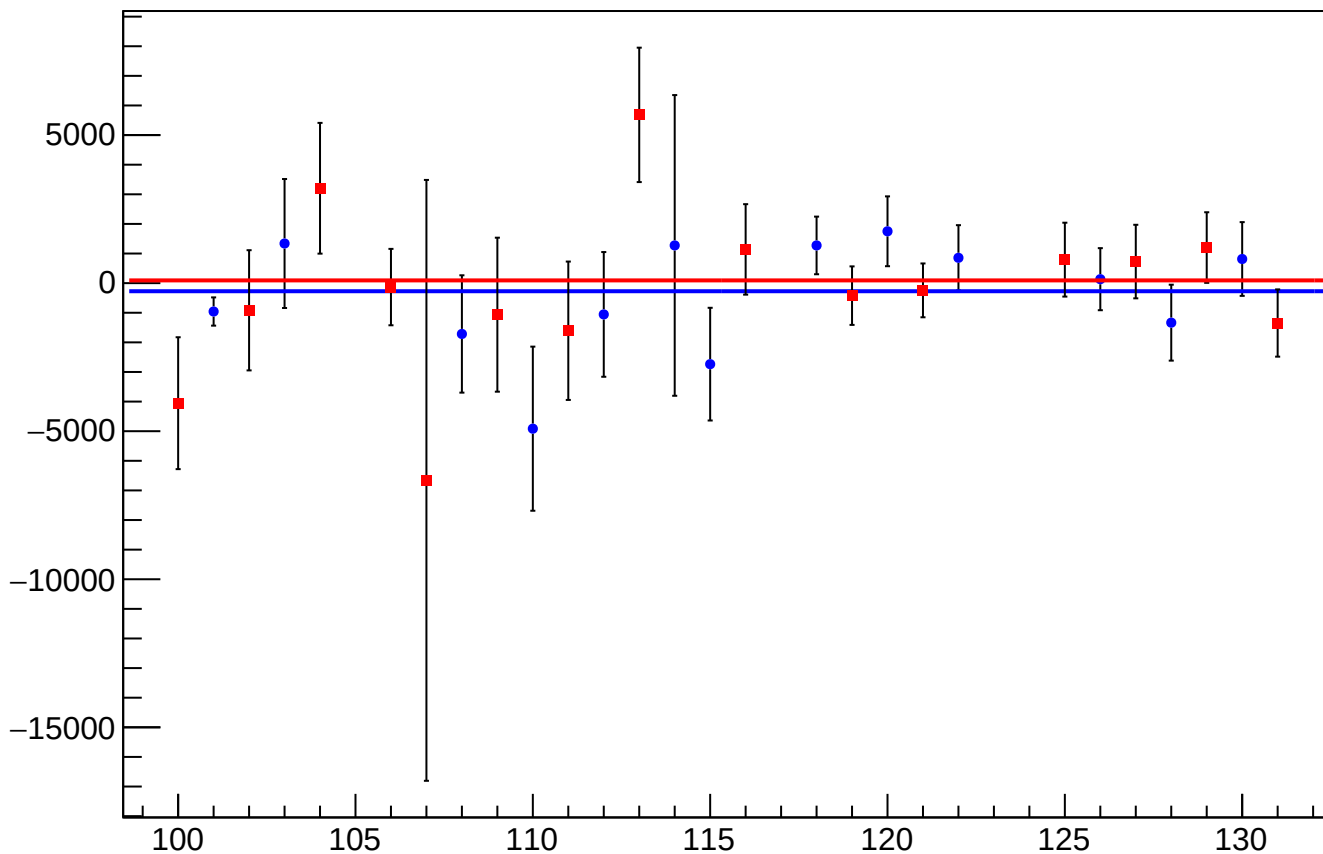
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1616.767+/-0.337 χ^2/NDF : 306028.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_dit_correction_mean vs Slug



Right In: -273.183+/-311.669 χ^2 /NDF: 16.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 92.556+/-372.181 χ^2 /NDF: 16.9/14

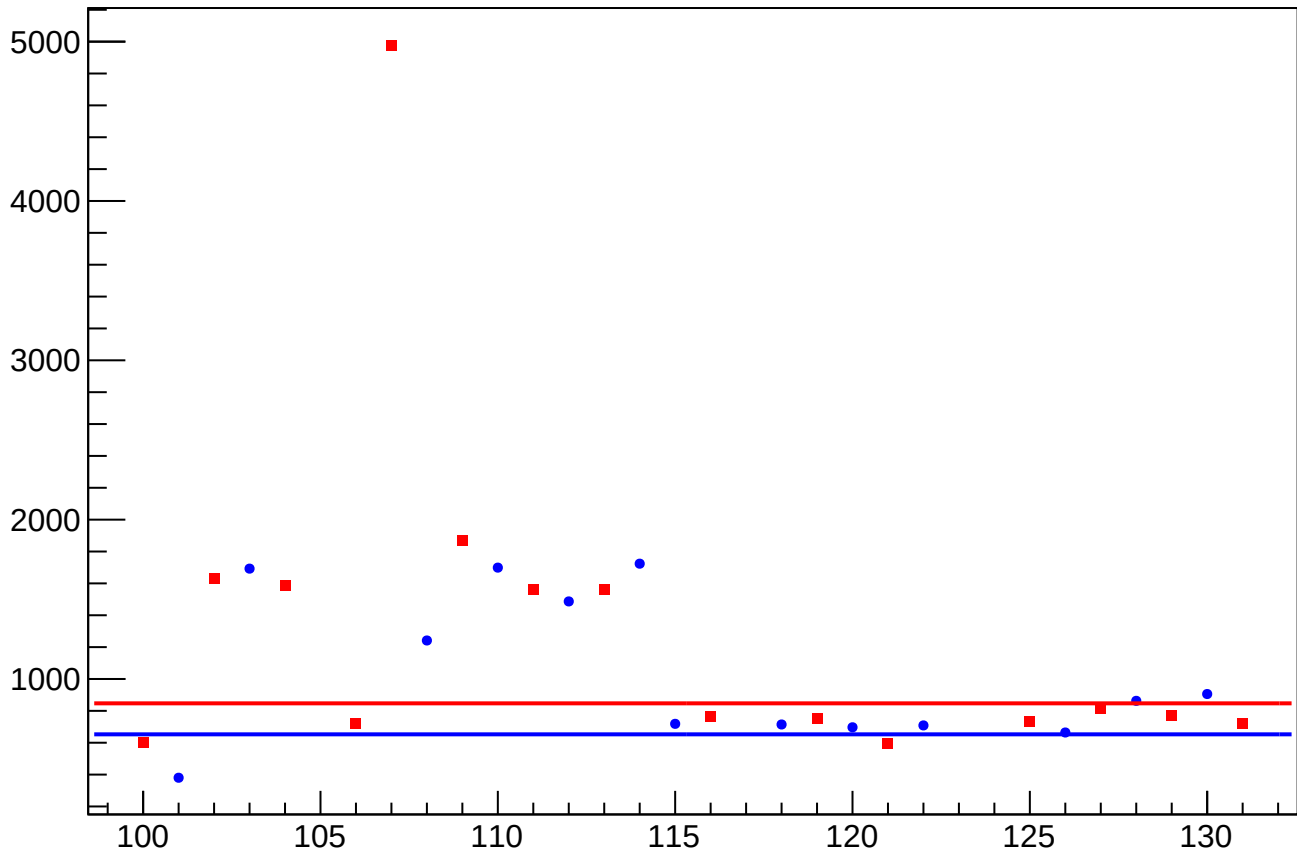
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -122.425+/-238.951 χ^2 /NDF: 33.4/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_dit_correction_rms vs Slug



Right In: 652.657+/-0.220 χ^2/NDF : 2128473.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 847.174+/-0.263 χ^2/NDF : 1816283.5/14

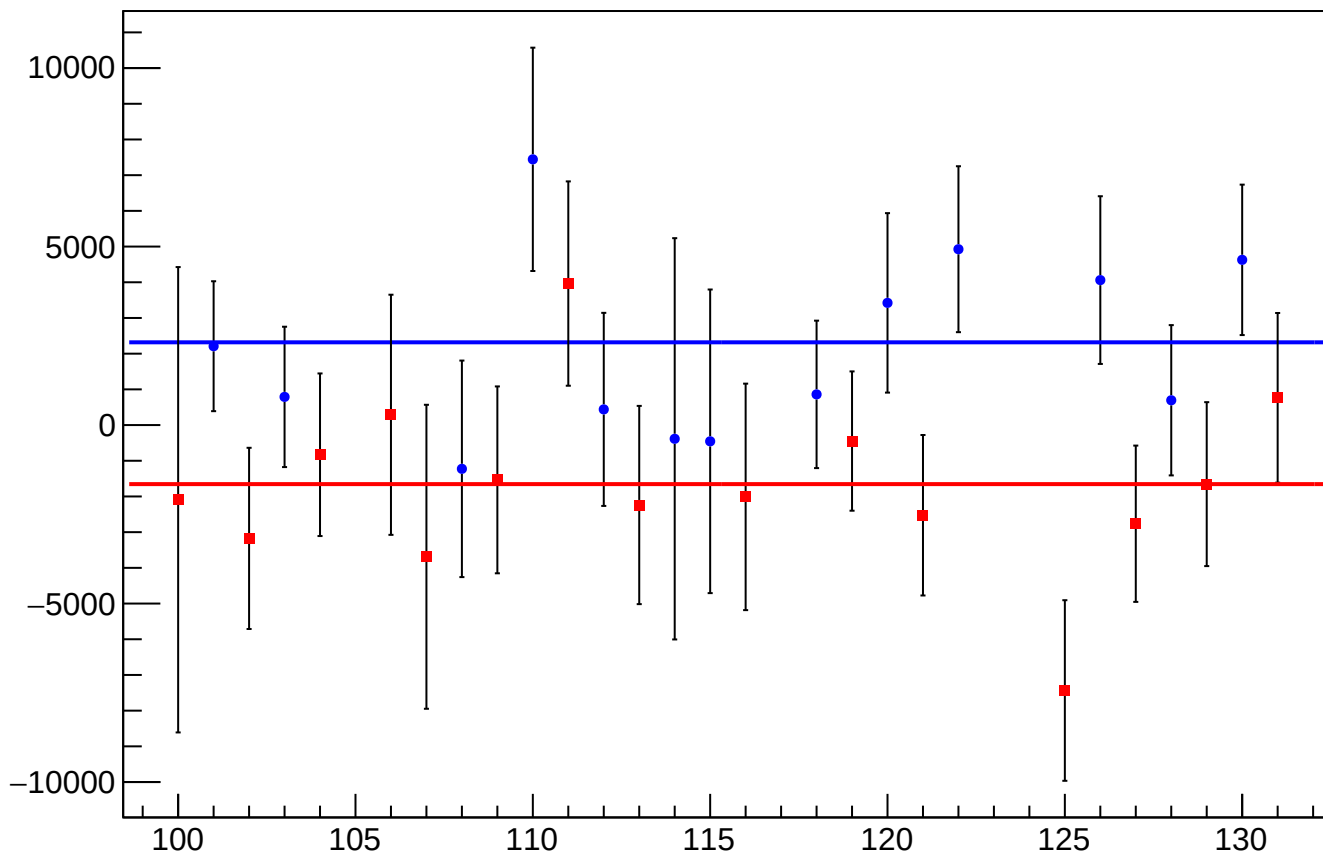
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 732.837+/-0.169 χ^2/NDF : 4265875.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl1_avg_mean vs Slug



Right In: 2317.877±/-673.364 χ^2/NDF : 10.1/12

Left Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

Right Out: -1654.097±/-673.490 χ^2/NDF : 12.0/14

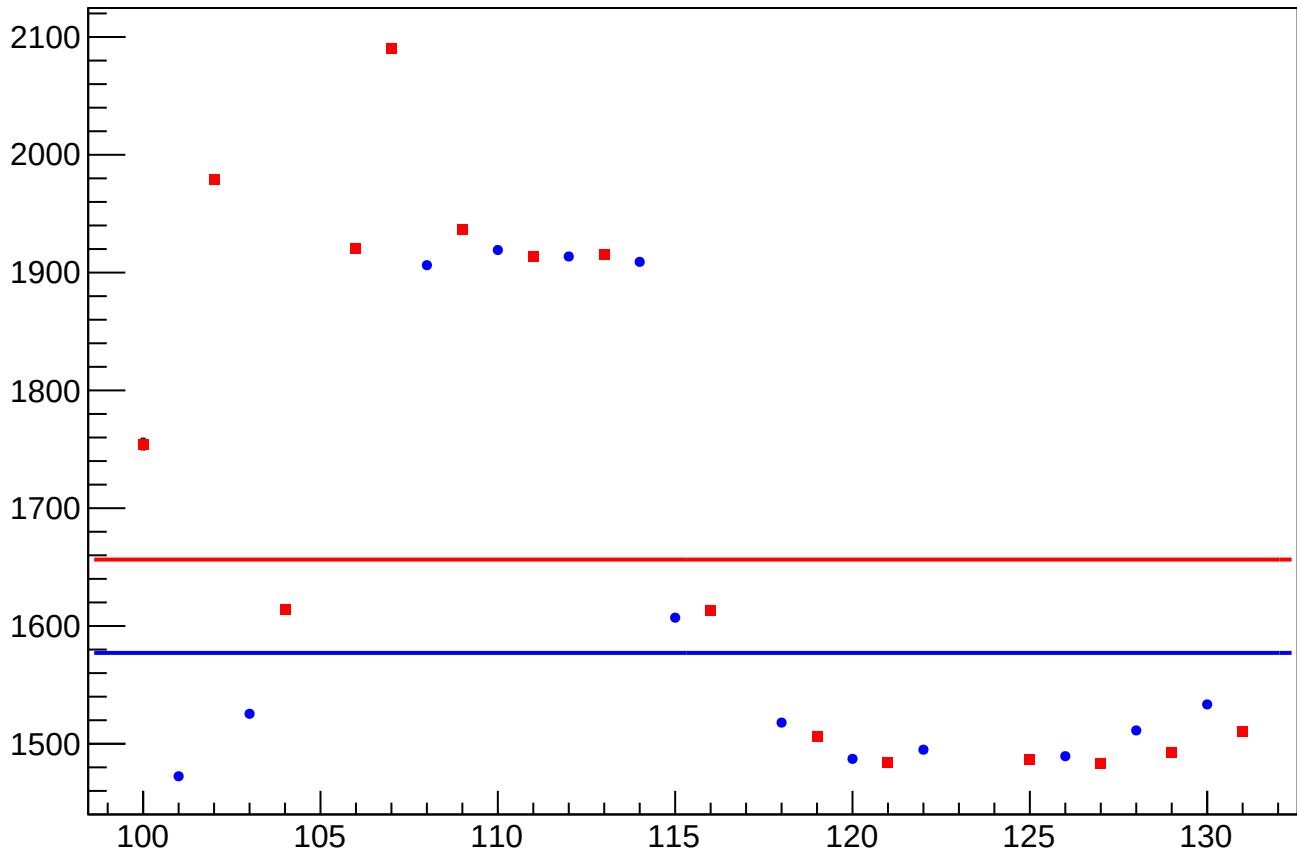
Left In: 0.000±/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000±/-0.000 χ^2/NDF : 0.0/0

All: 332.261±/-476.185 χ^2/NDF : 39.5/27

- sign 0.000±/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl1_avg_rms vs Slug



Right In: 1577.155+/-0.476 χ^2/NDF : 105830.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

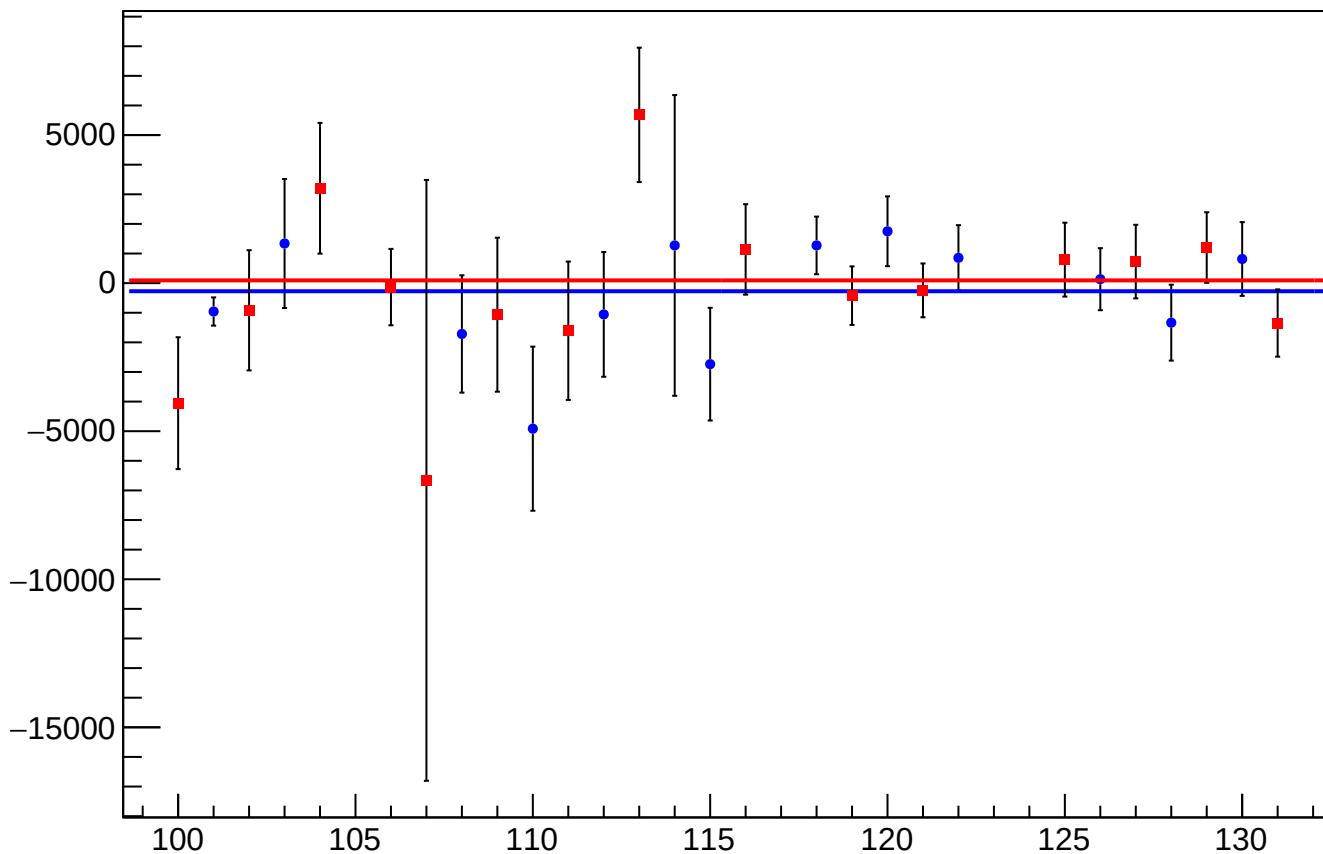
Right Out: 1656.392+/-0.476 χ^2/NDF : 186354.1/14

All: 1616.766+/-0.337 χ^2/NDF : 306028.6/27

- 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_avg_eigen_dit_correction_mean vs Slug



Right In: -273.181+/-311.669 χ^2 /NDF: 16.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 92.555+/-372.180 χ^2 /NDF: 16.9/14

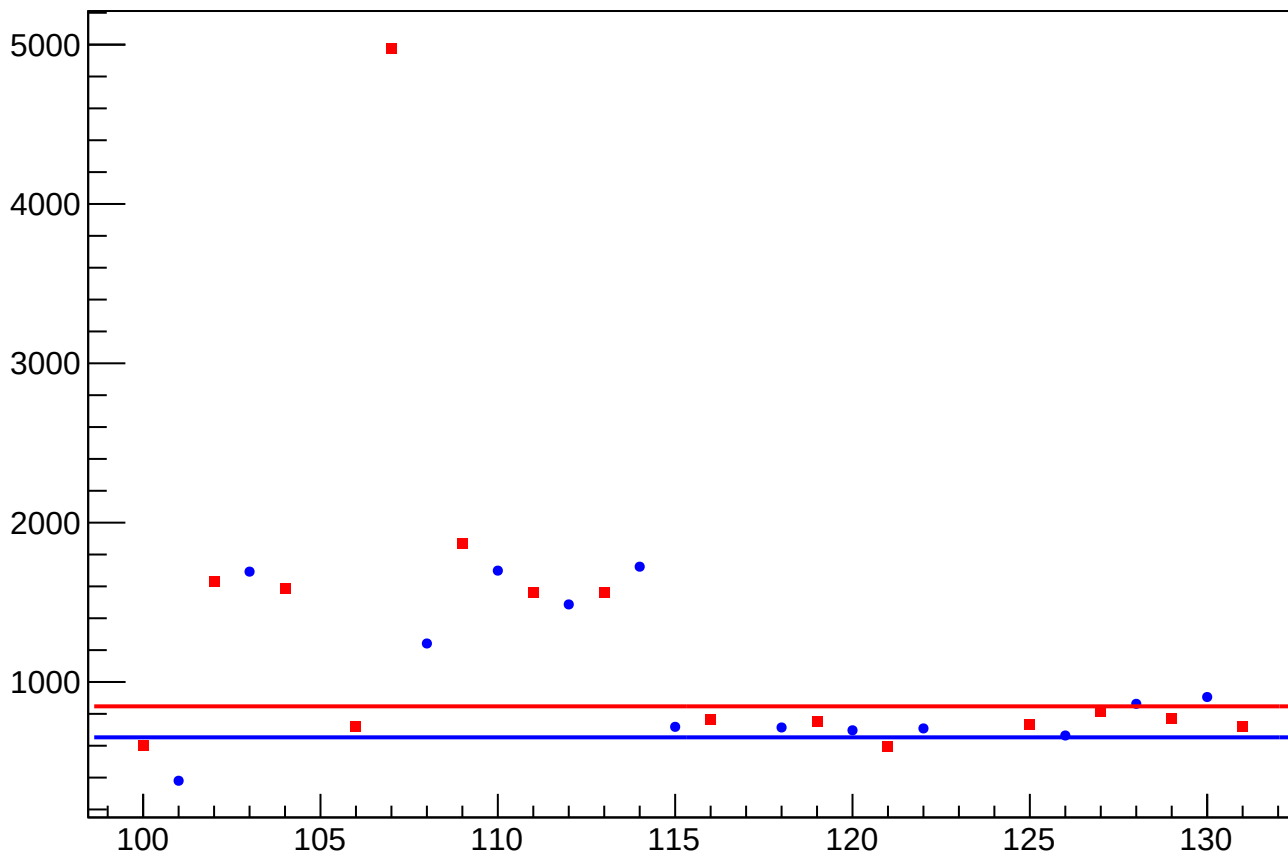
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -122.424+/-238.951 χ^2 /NDF: 33.4/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_eigen_dit_correction_rms vs Slug



Right In: 652.657+/-0.220 χ^2/NDF : 2128465.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 847.173+/-0.263 χ^2/NDF : 1816291.0/14

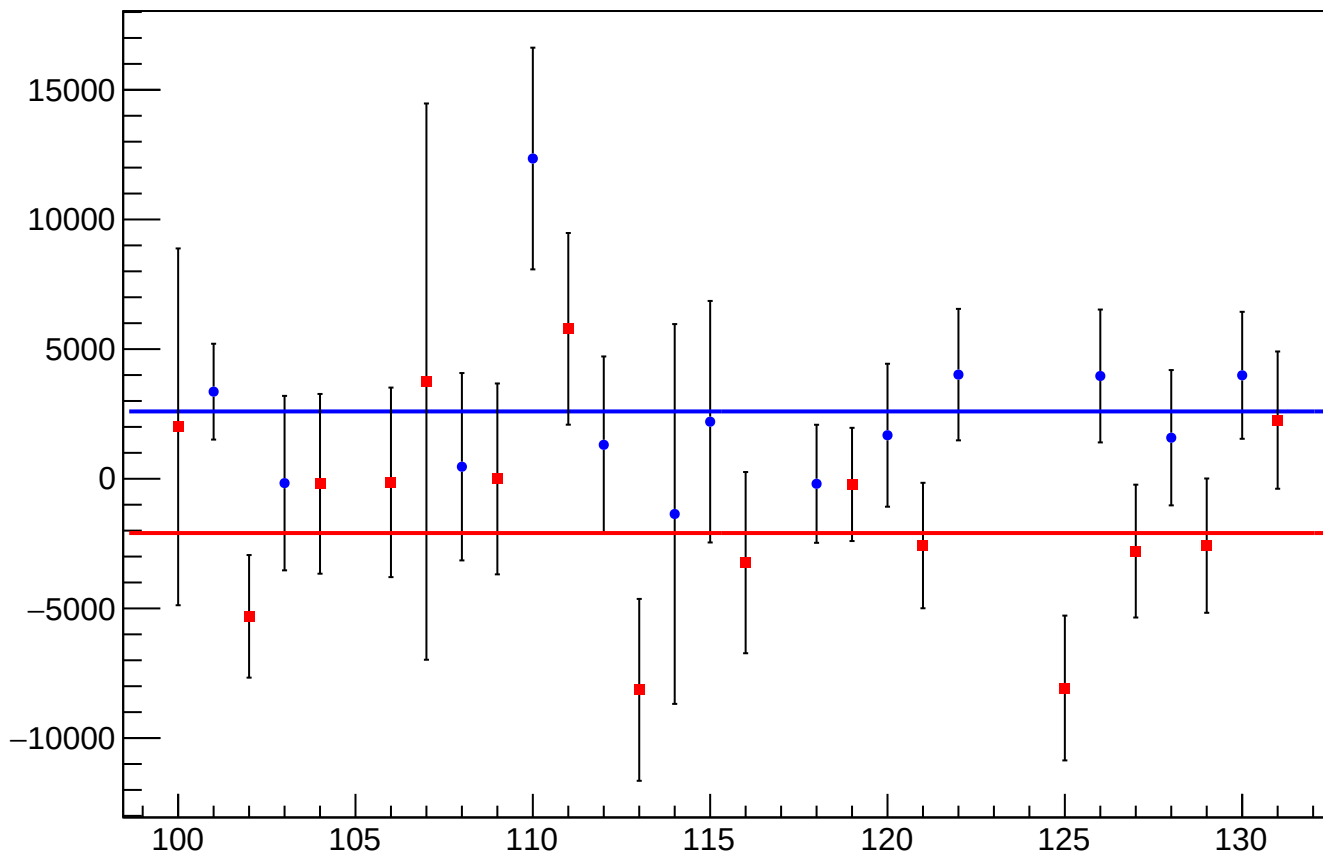
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 732.837+/-0.169 χ^2/NDF : 4265869.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_mean vs Slug



Right In: 2596.831+/-788.226 χ^2/NDF : 9.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2093.258+/-783.188 χ^2/NDF : 19.2/14

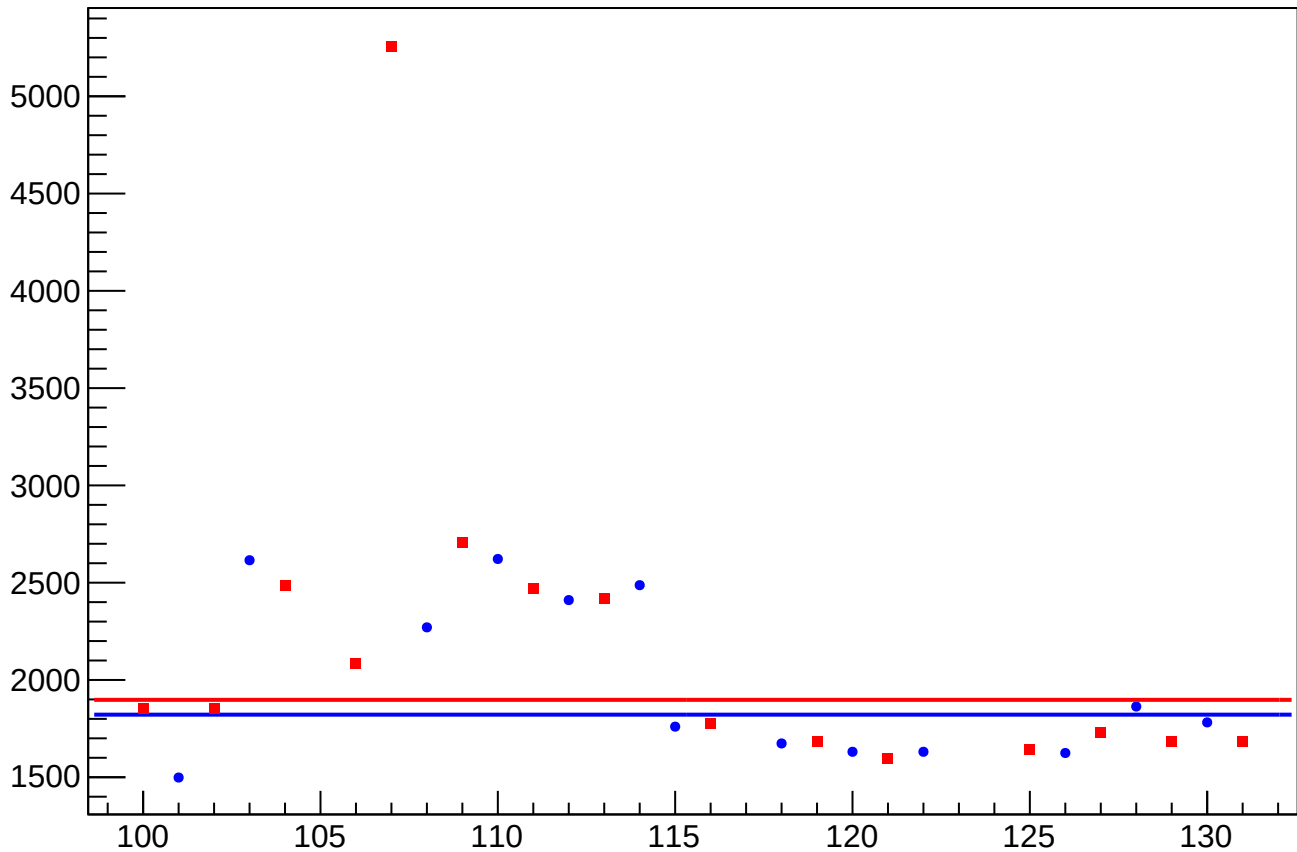
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 236.749+/-555.570 χ^2/NDF : 46.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_rms vs Slug



Right In: 1821.698+/-0.557 χ^2/NDF : 392251.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1897.836+/-0.554 χ^2/NDF : 553986.9/14

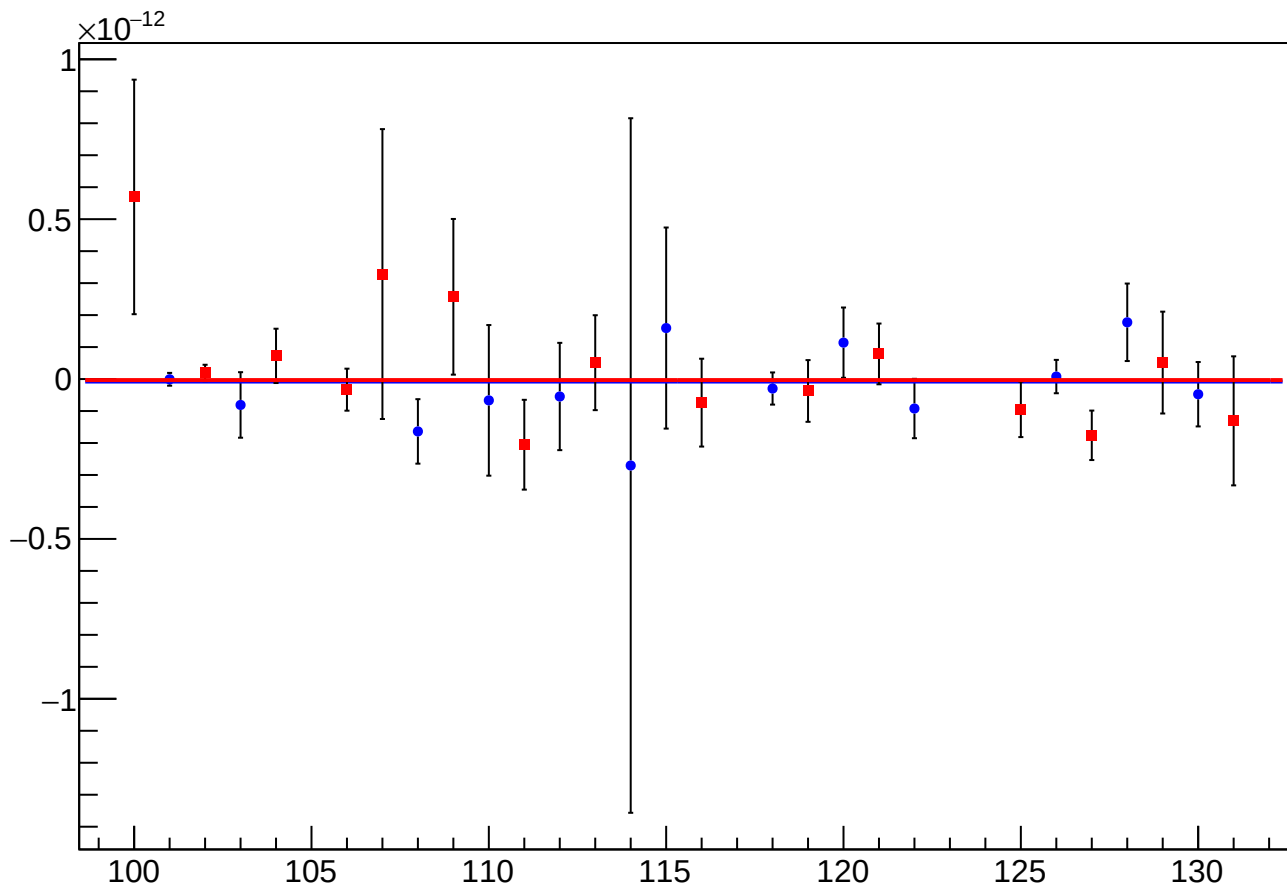
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1860.011+/-0.393 χ^2/NDF : 955628.5/27

- 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 : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.8/14

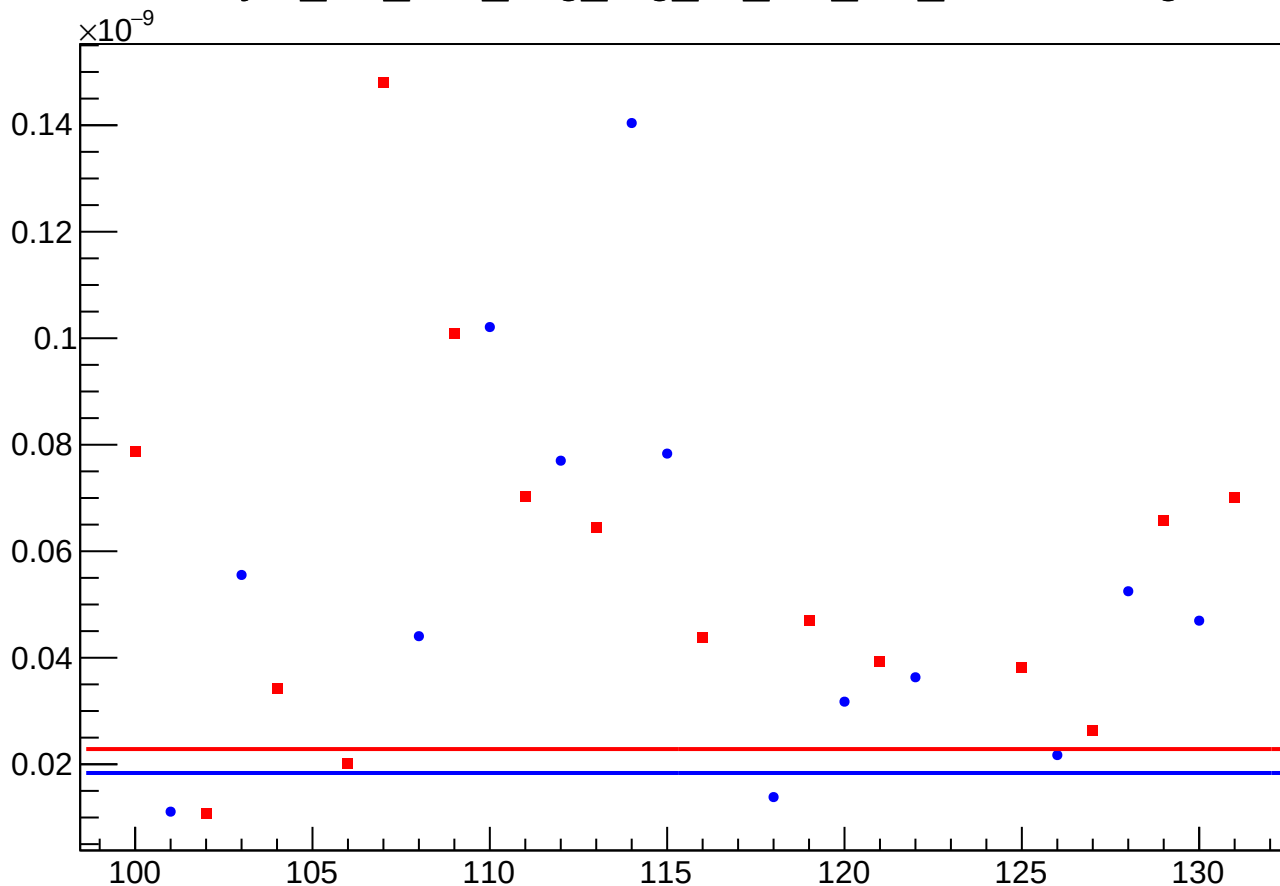
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.2/27

- 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 : 1701170.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1832945.6/14

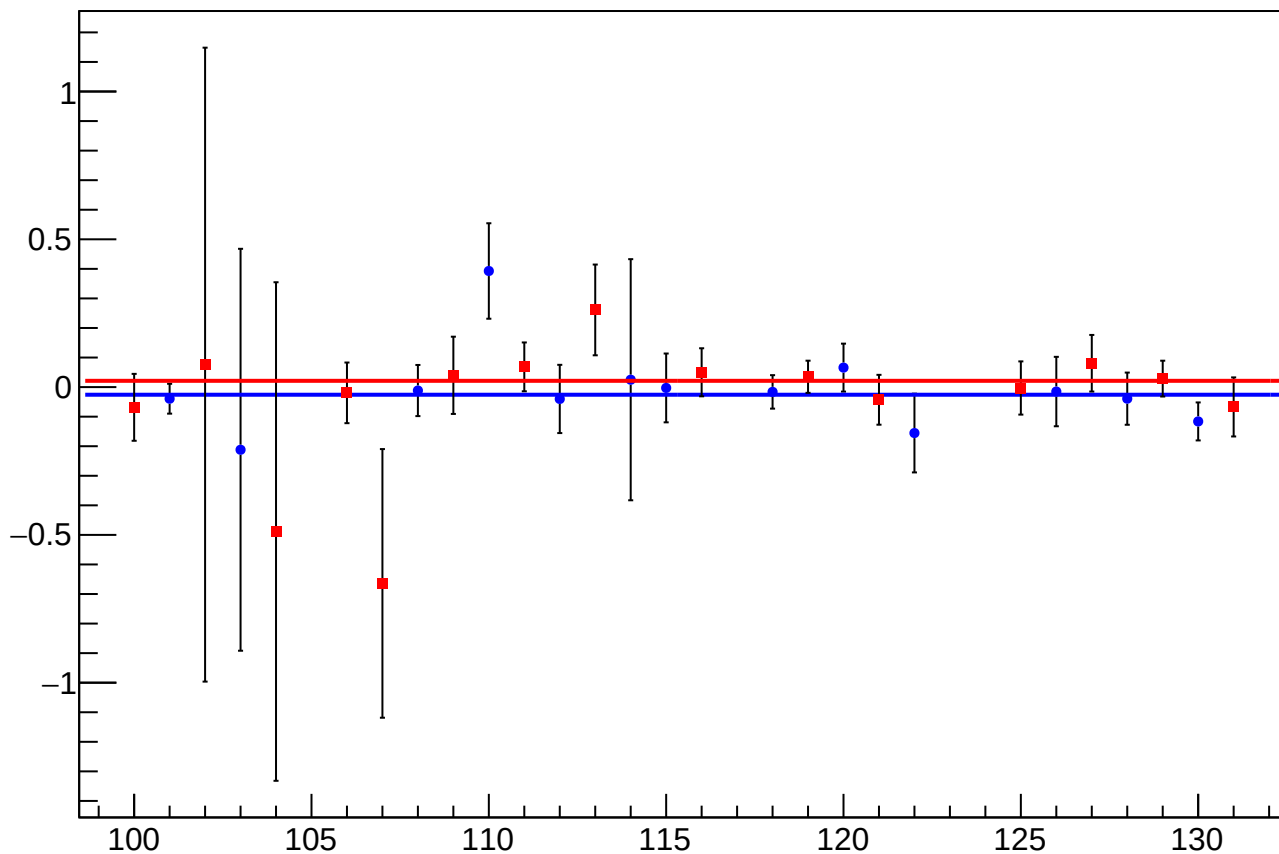
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3597873.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.026 $\pm$ 0.024 χ^2 /NDF: 11.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.021 $\pm$ 0.025 χ^2 /NDF: 8.2/14

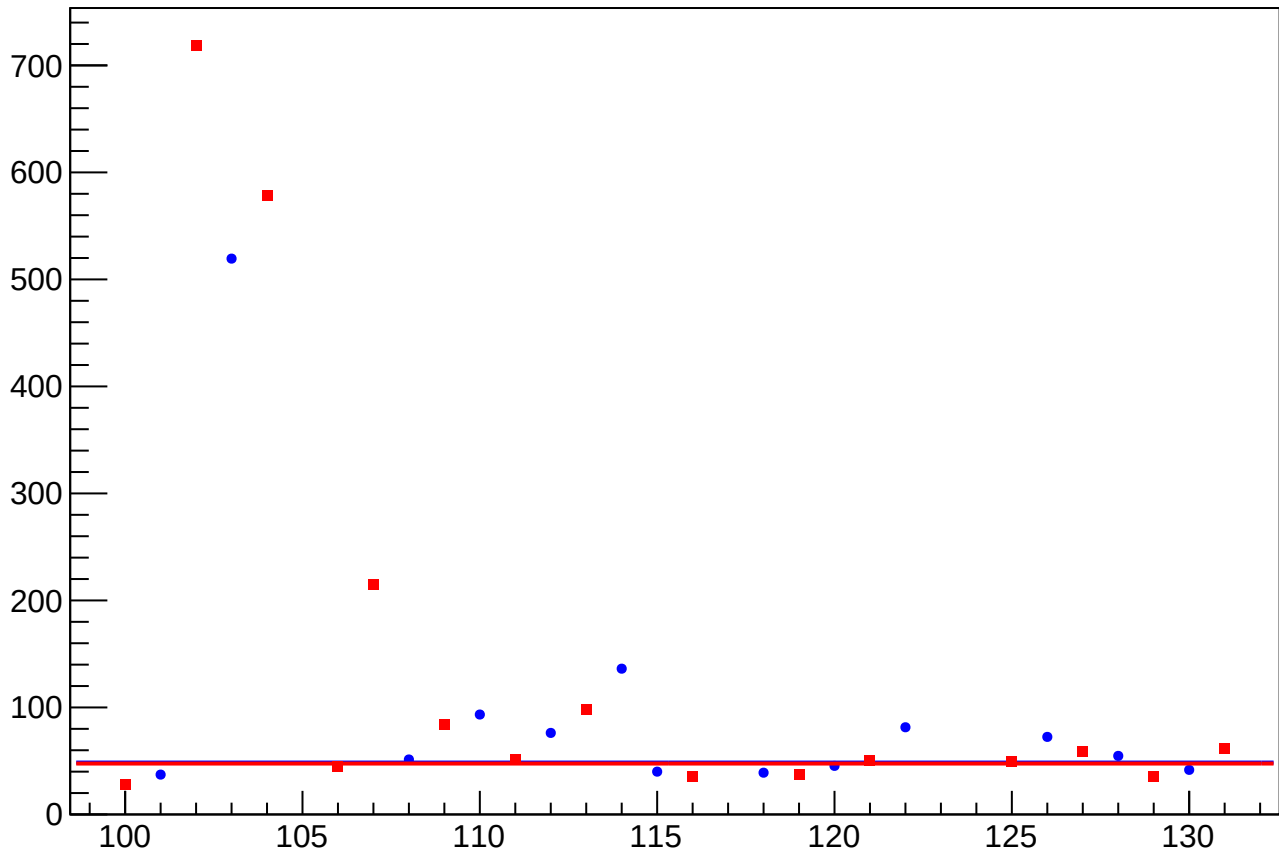
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.002 $\pm$ 0.017 χ^2 /NDF: 21.3/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_dit_vs_cor_diff_rms vs Slug



Right In: 48.504+/-0.017 χ^2/NDF : 1731643.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.568+/-0.017 χ^2/NDF : 2544252.6/14

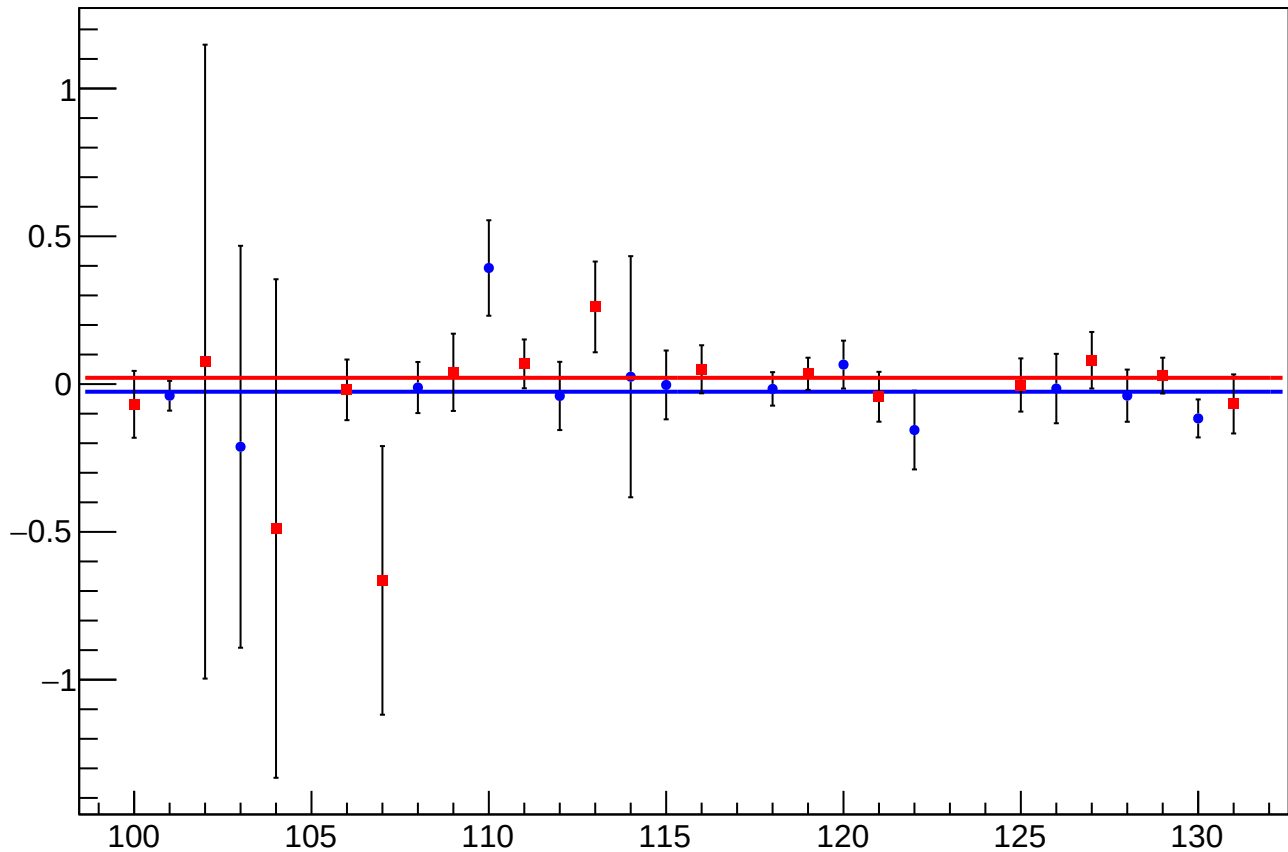
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.039+/-0.012 χ^2/NDF : 4277359.8/27

- 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: -0.026 ± 0.024 χ^2/NDF : 11.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.021 ± 0.025 χ^2/NDF : 8.2/14

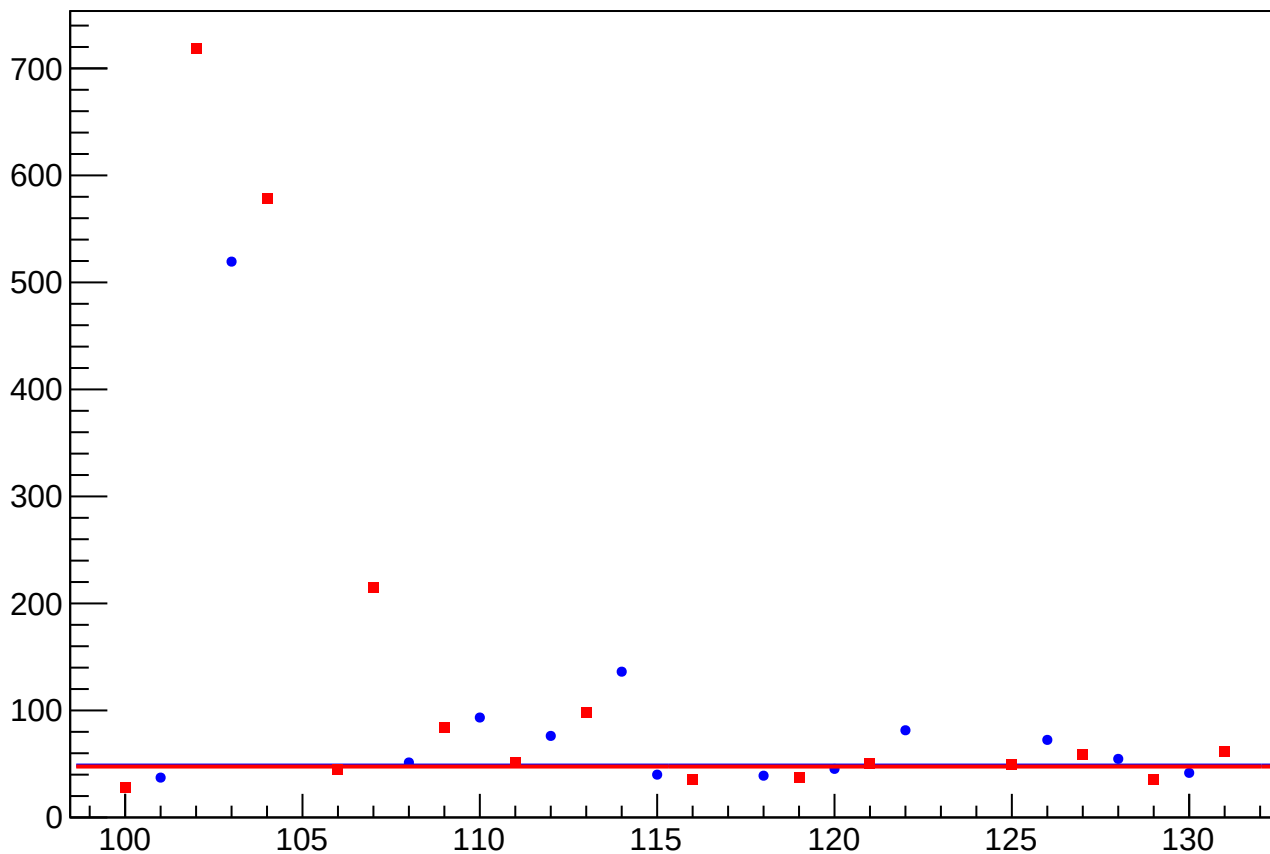
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.002 ± 0.017 χ^2/NDF : 21.3/27

- 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: 48.504+/-0.017 χ^2/NDF : 1731643.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.568+/-0.017 χ^2/NDF : 2544252.6/14

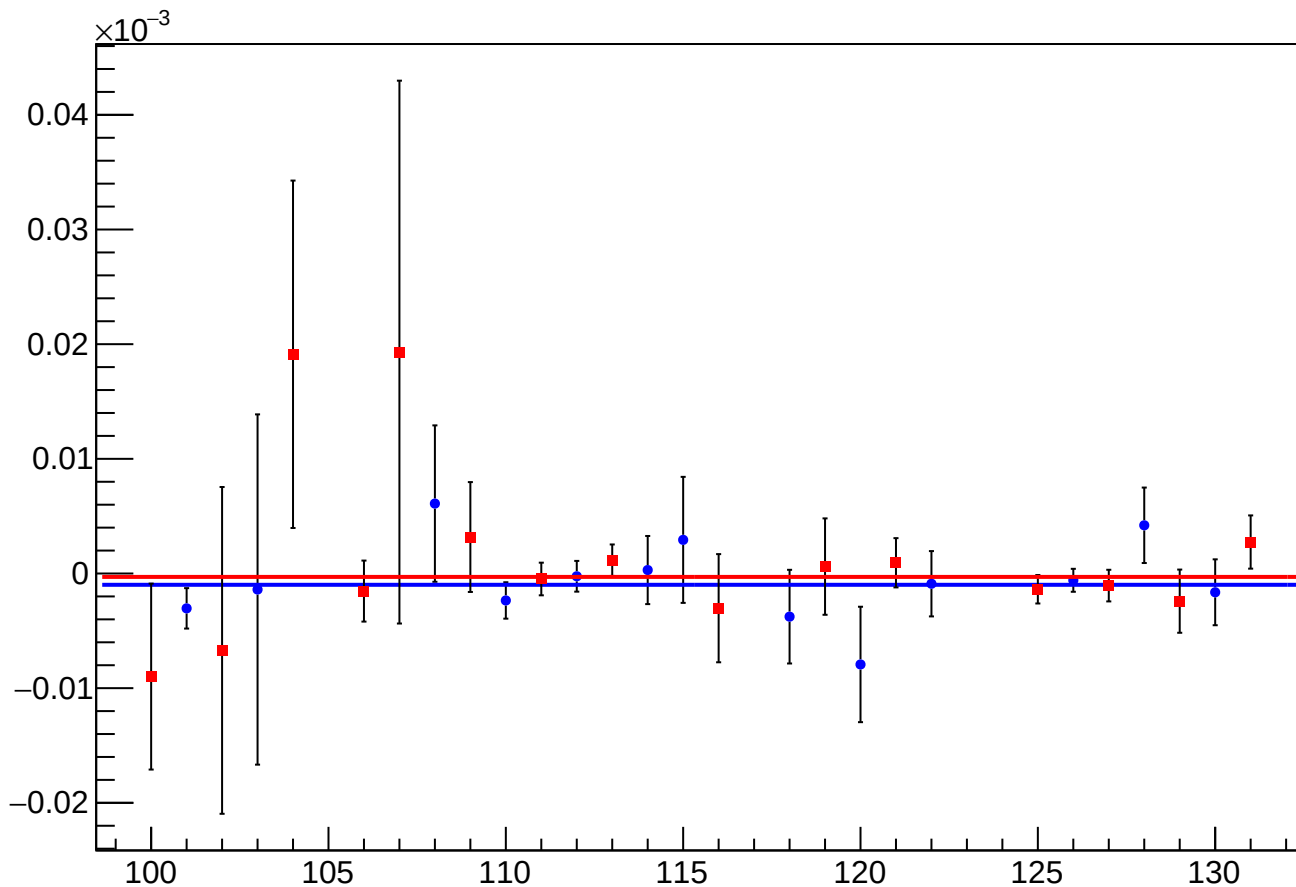
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.039+/-0.012 χ^2/NDF : 4277359.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.6/14

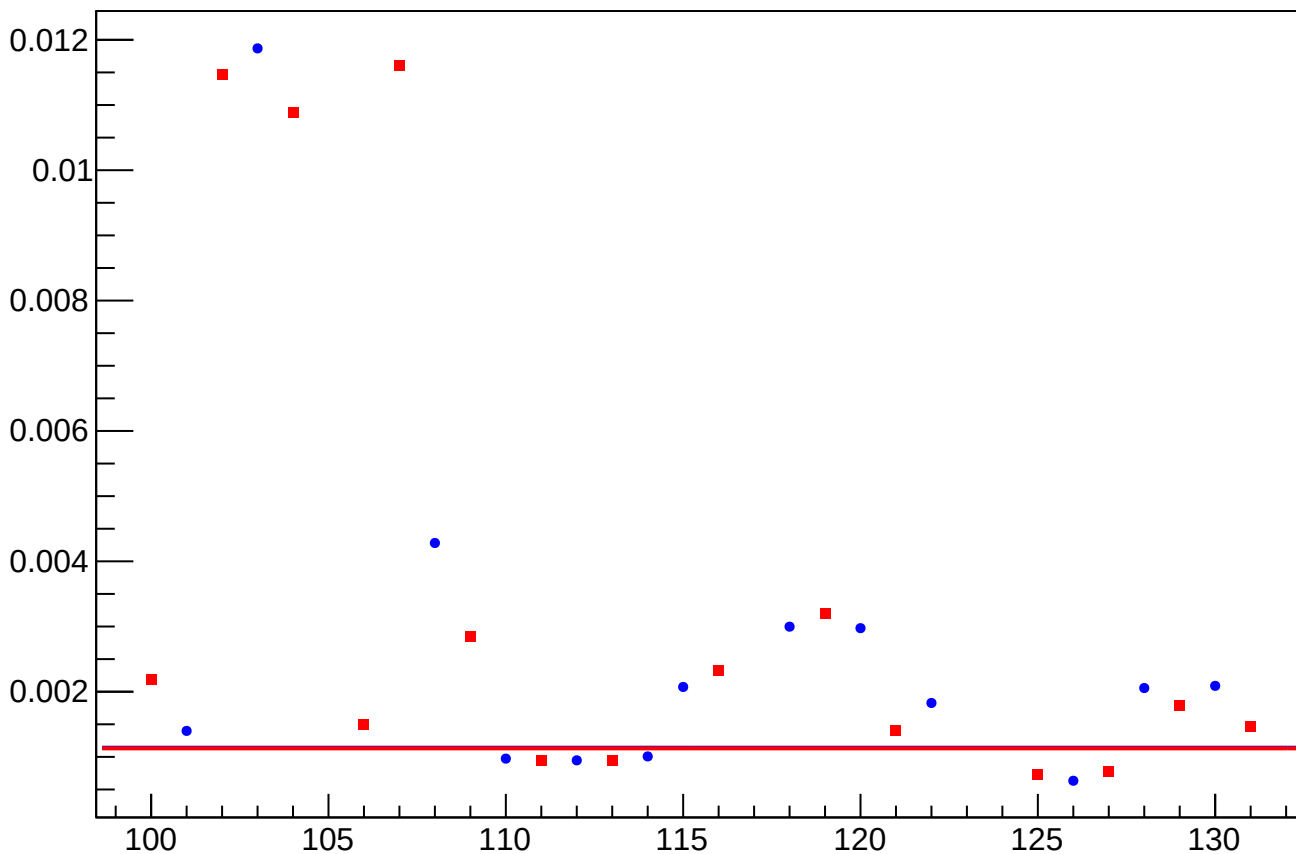
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 19.6/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 3259983.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3807978.5/14

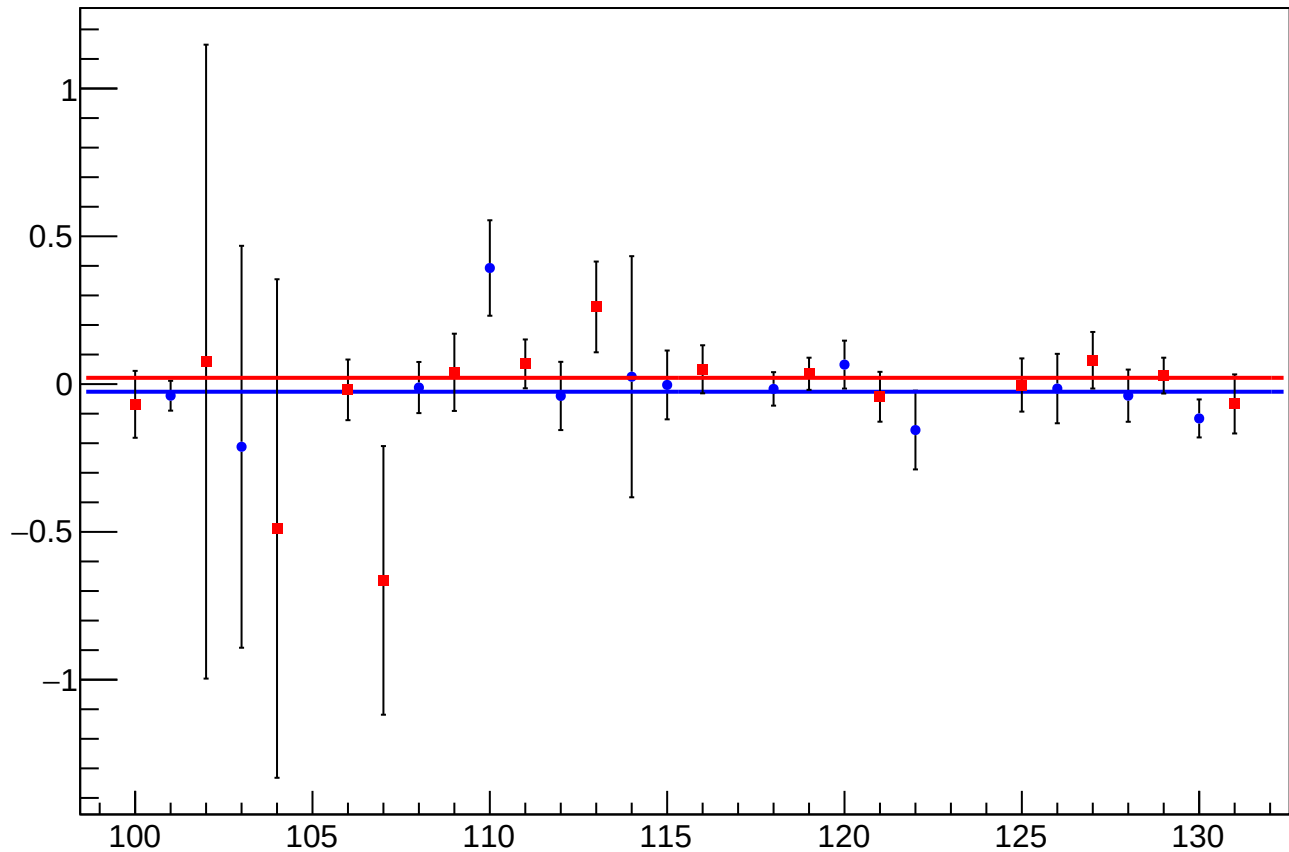
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 7068267.3/27

- 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: -0.026 ± 0.024 χ^2/NDF : 11.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.021 ± 0.025 χ^2/NDF : 8.2/14

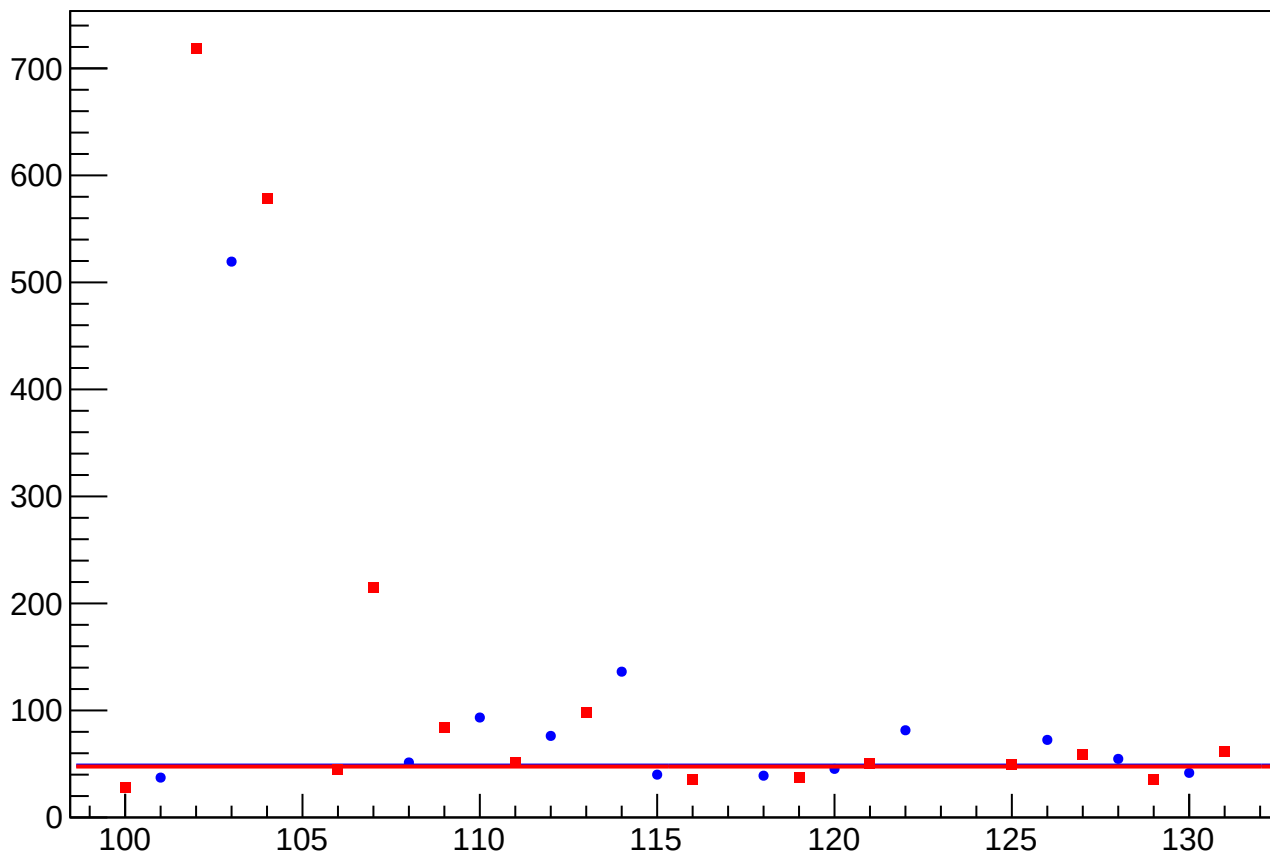
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.002 ± 0.017 χ^2/NDF : 21.3/27

- 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: 48.503+/-0.017 χ^2/NDF : 1731638.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.568+/-0.017 χ^2/NDF : 2544241.5/14

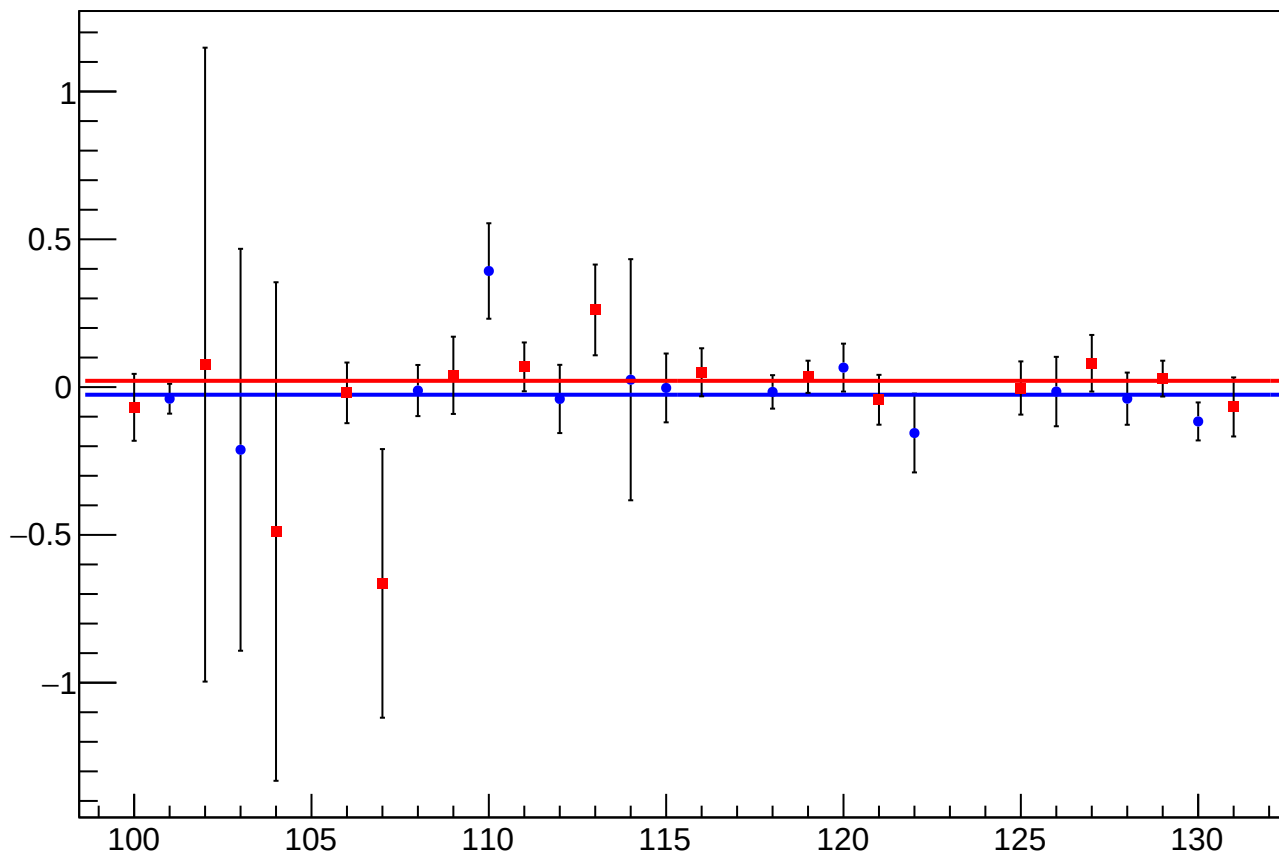
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.039+/-0.012 χ^2/NDF : 4277343.4/27

- 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: -0.026 ± 0.024 χ^2/NDF : 11.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.021 ± 0.025 χ^2/NDF : 8.2/14

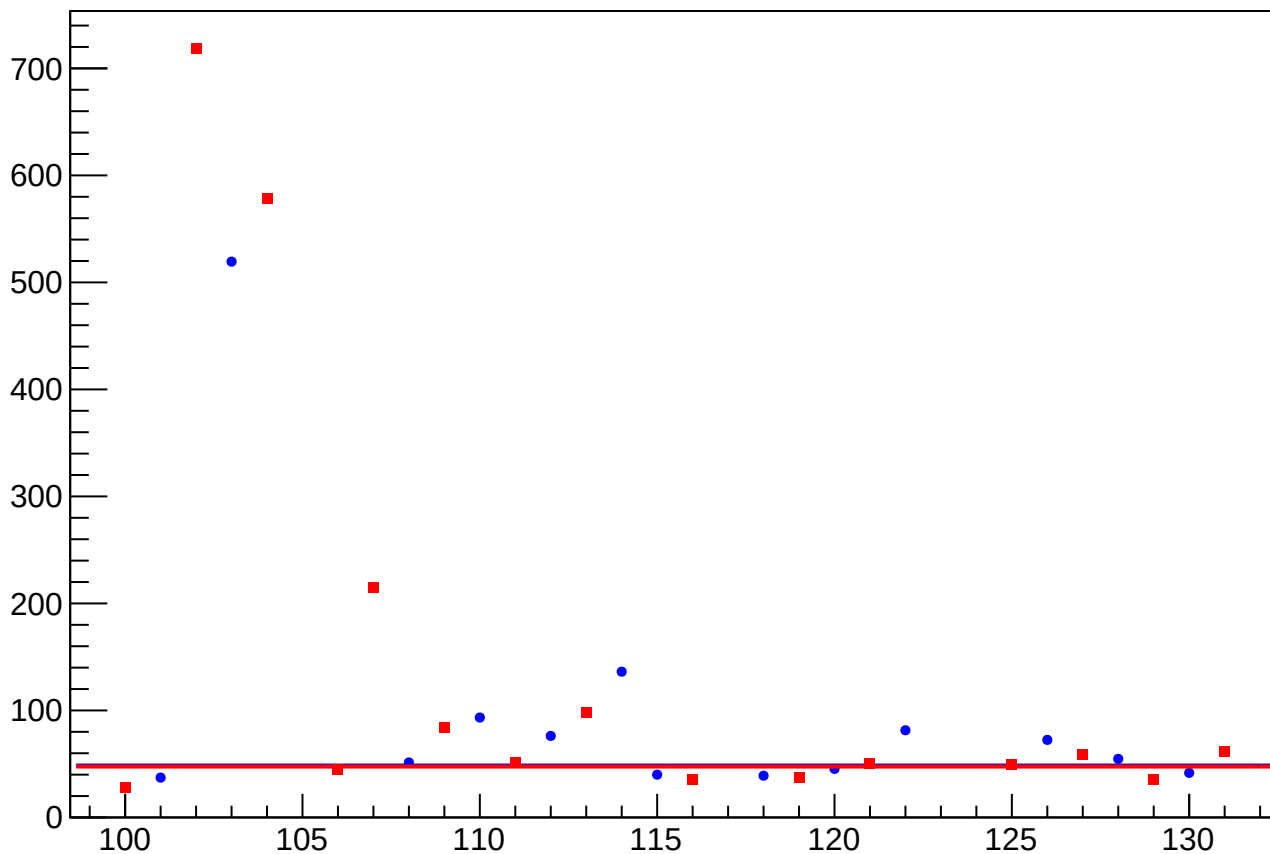
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.002 ± 0.017 χ^2/NDF : 21.3/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 48.503+/-0.017 χ^2/NDF : 1731638.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.568+/-0.017 χ^2/NDF : 2544241.5/14

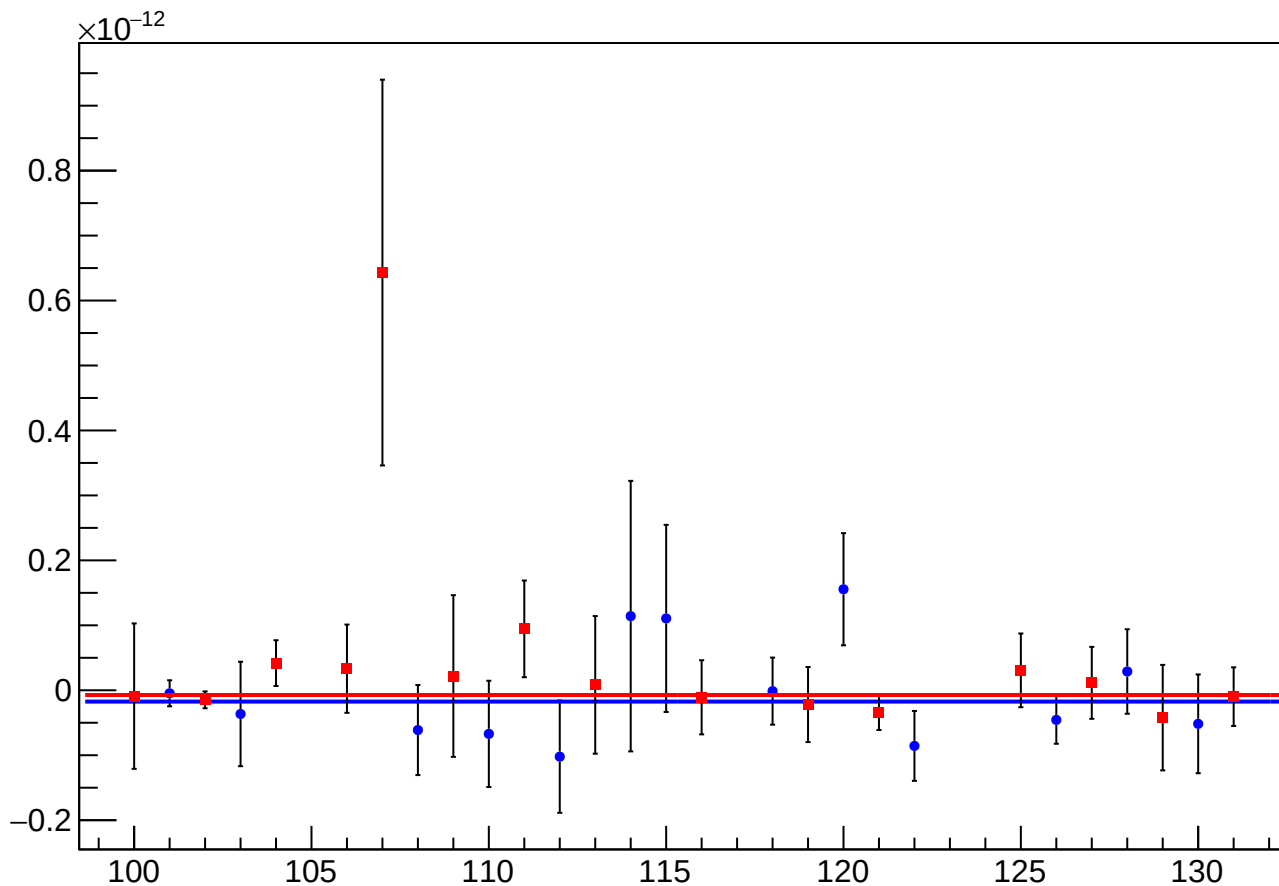
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.039+/-0.012 χ^2/NDF : 4277343.4/27

- 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 : 10.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.3/14

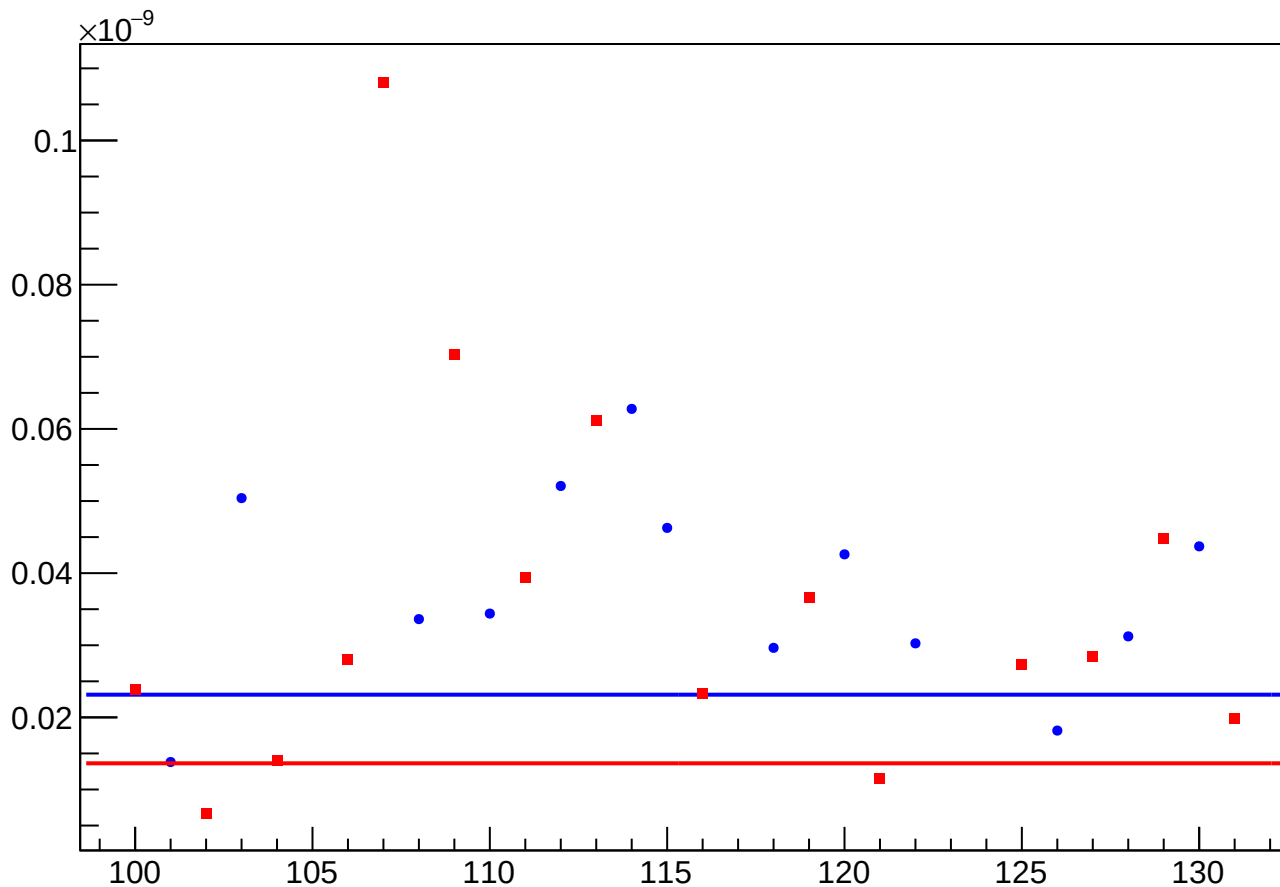
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.0/27

- 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 : 1478248.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2927781.4/14

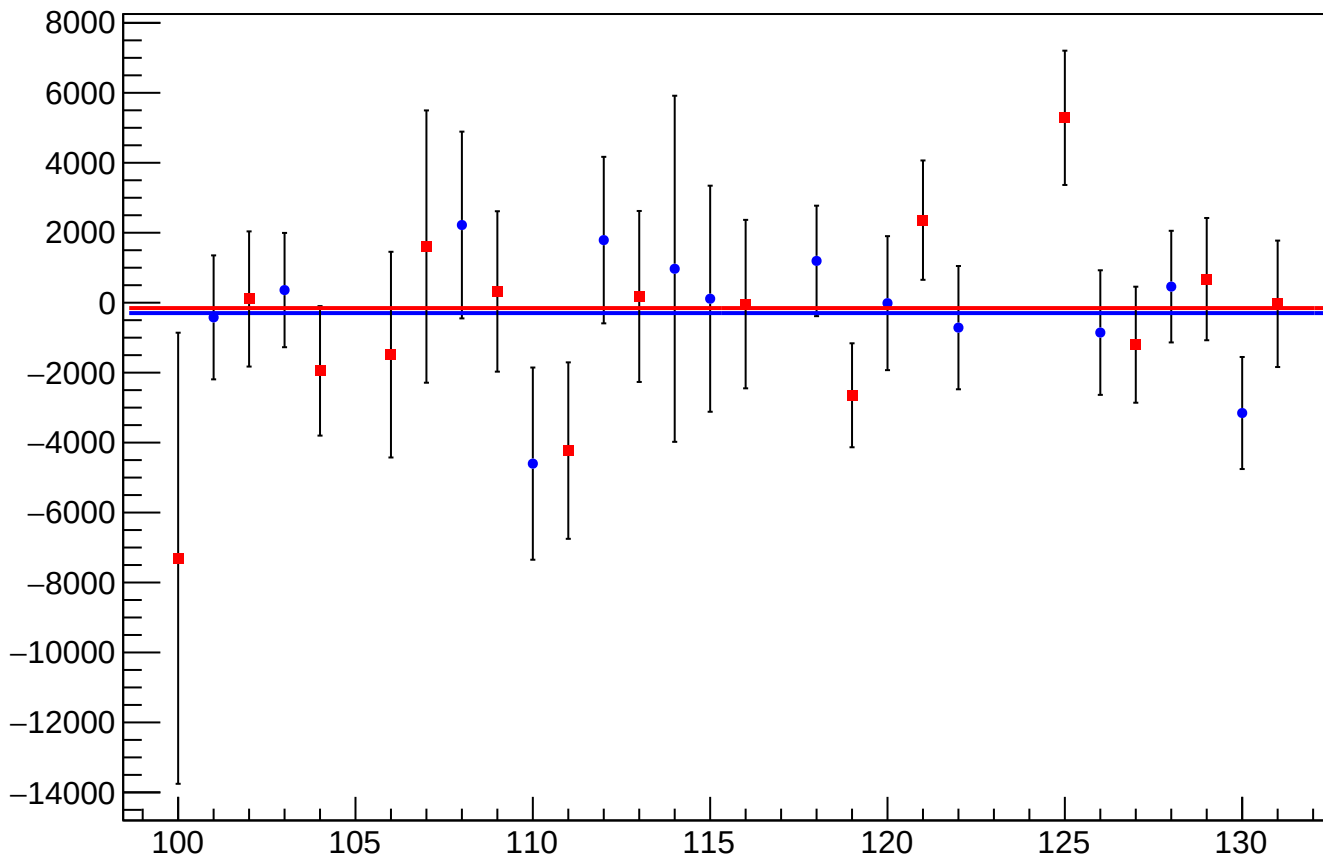
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5040771.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_dd_mean vs Slug



Right In: -297.393+/-544.547 χ^2 /NDF: 8.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -154.057+/-533.225 χ^2 /NDF: 18.9/14

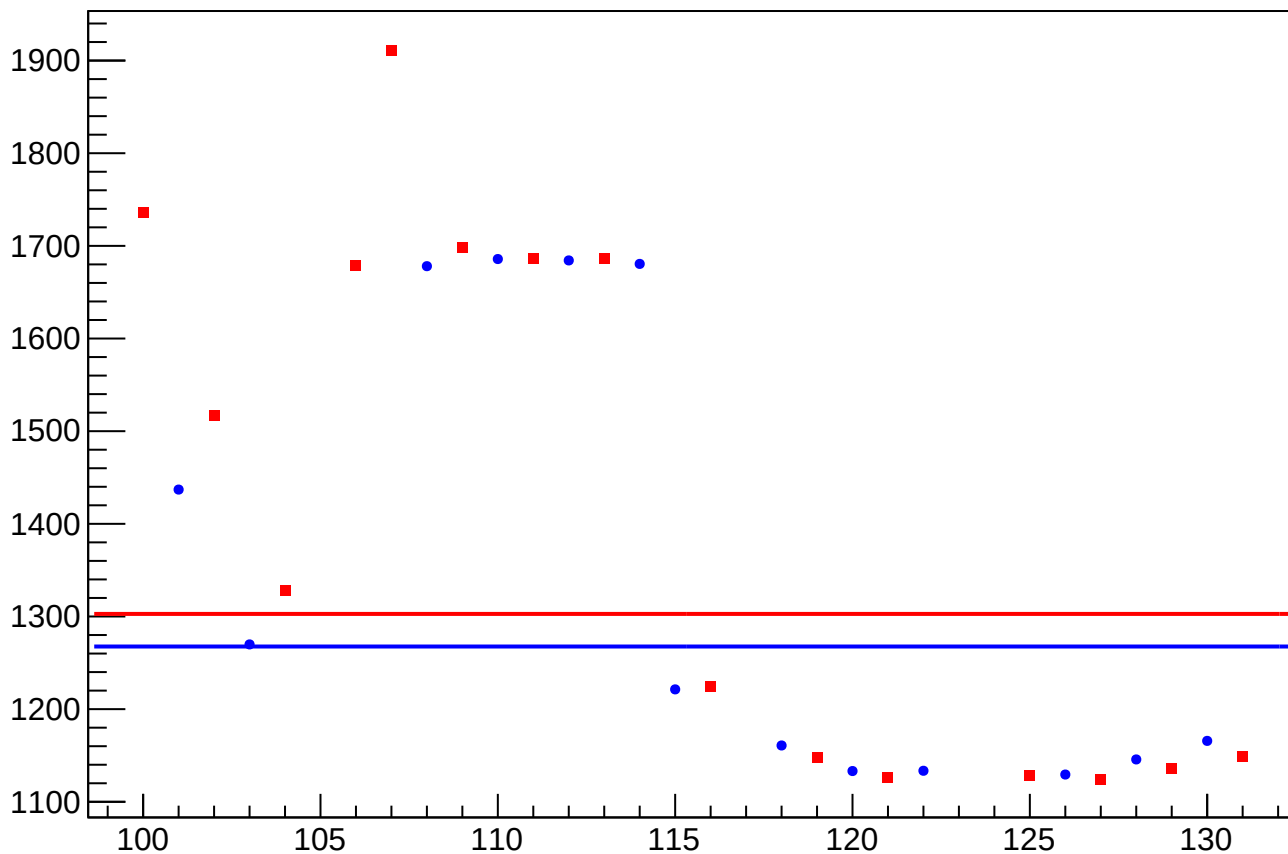
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -224.220+/-380.987 χ^2 /NDF: 27.8/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_dd_rms vs Slug



Right In: 1267.600+/-0.385 χ^2/NDF : 249908.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1302.774+/-0.377 χ^2/NDF : 388308.4/14

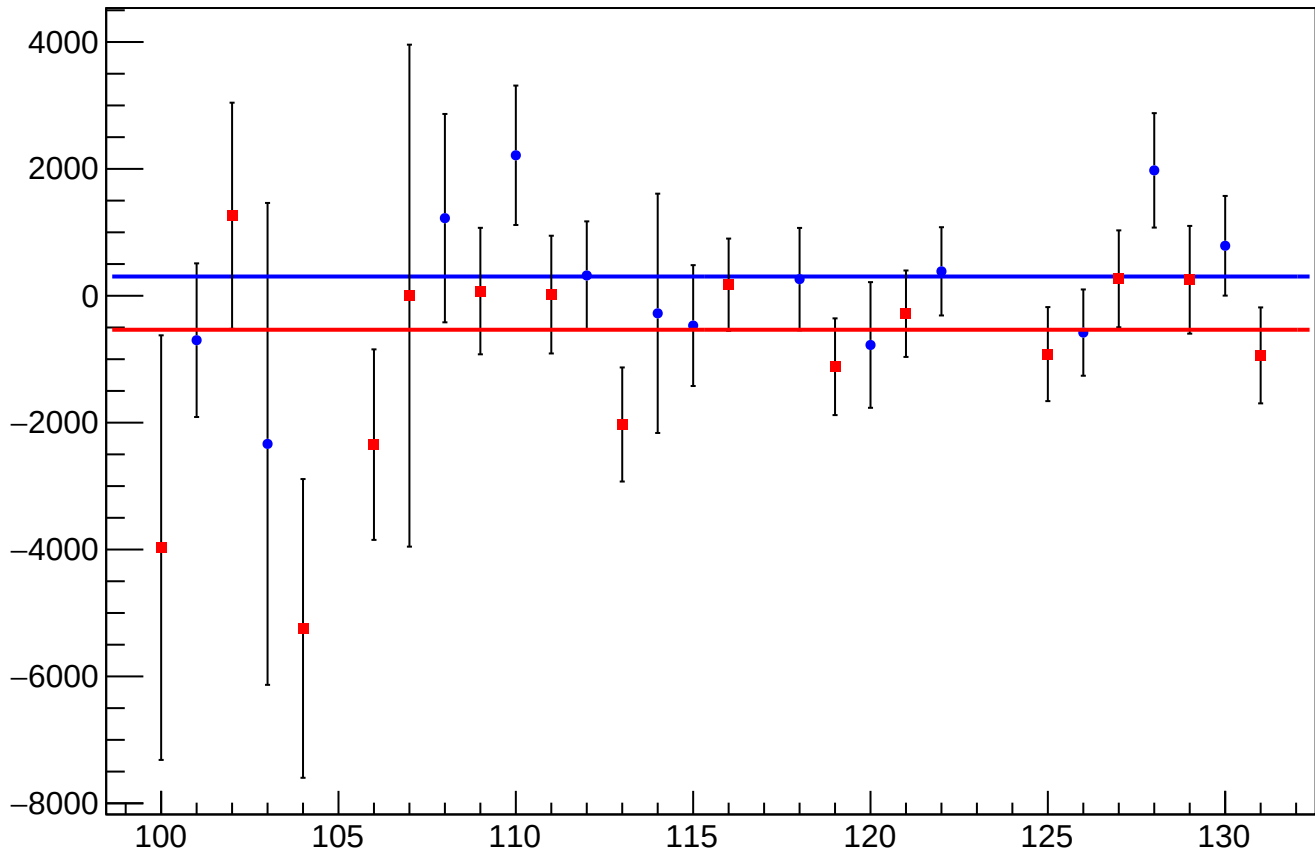
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1285.556+/-0.269 χ^2/NDF : 642476.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_reg_correction_mean vs Slug



Right In: 303.500+/-264.051 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -535.647+/-243.004 χ^2/NDF : 15.2/14

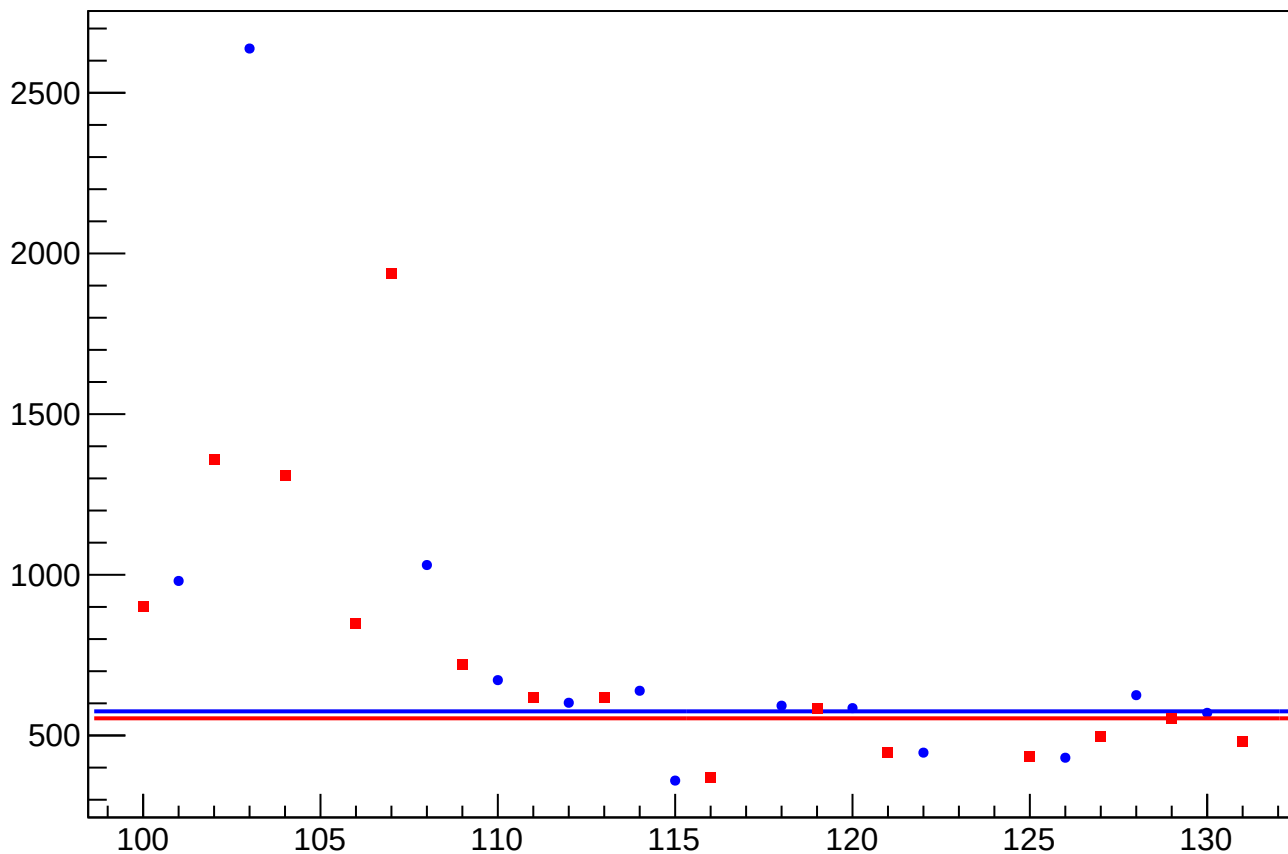
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -150.844+/-178.808 χ^2/NDF : 32.7/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_reg_correction_rms vs Slug



Right In: 575.100+/-0.187 χ^2/NDF : 1256345.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 553.352+/-0.172 χ^2/NDF : 1298603.7/14

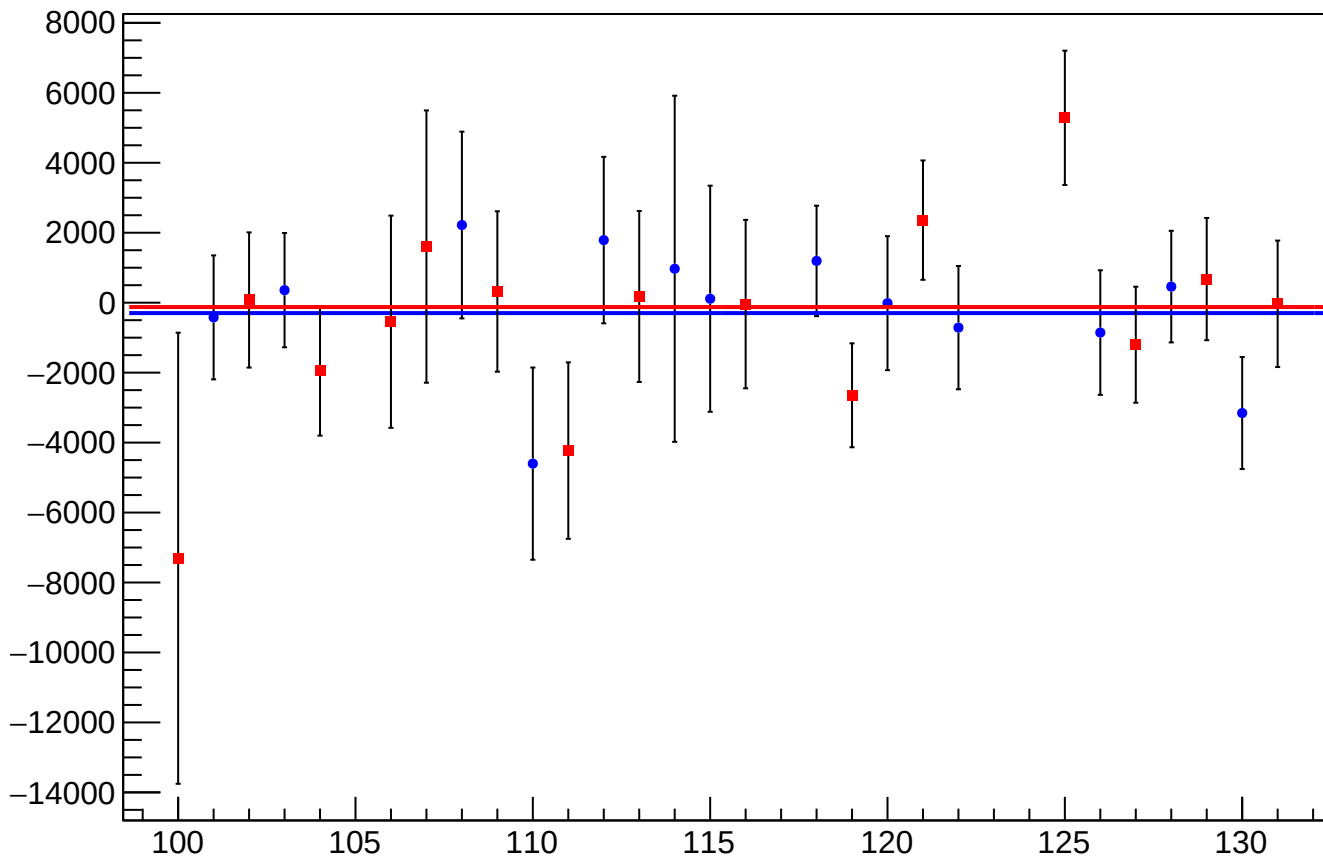
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 563.325+/-0.126 χ^2/NDF : 2562295.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl1_dd_mean vs Slug



Right In: -297.704+/-544.547 χ^2 /NDF: 8.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -124.634+/-533.757 χ^2 /NDF: 18.7/14

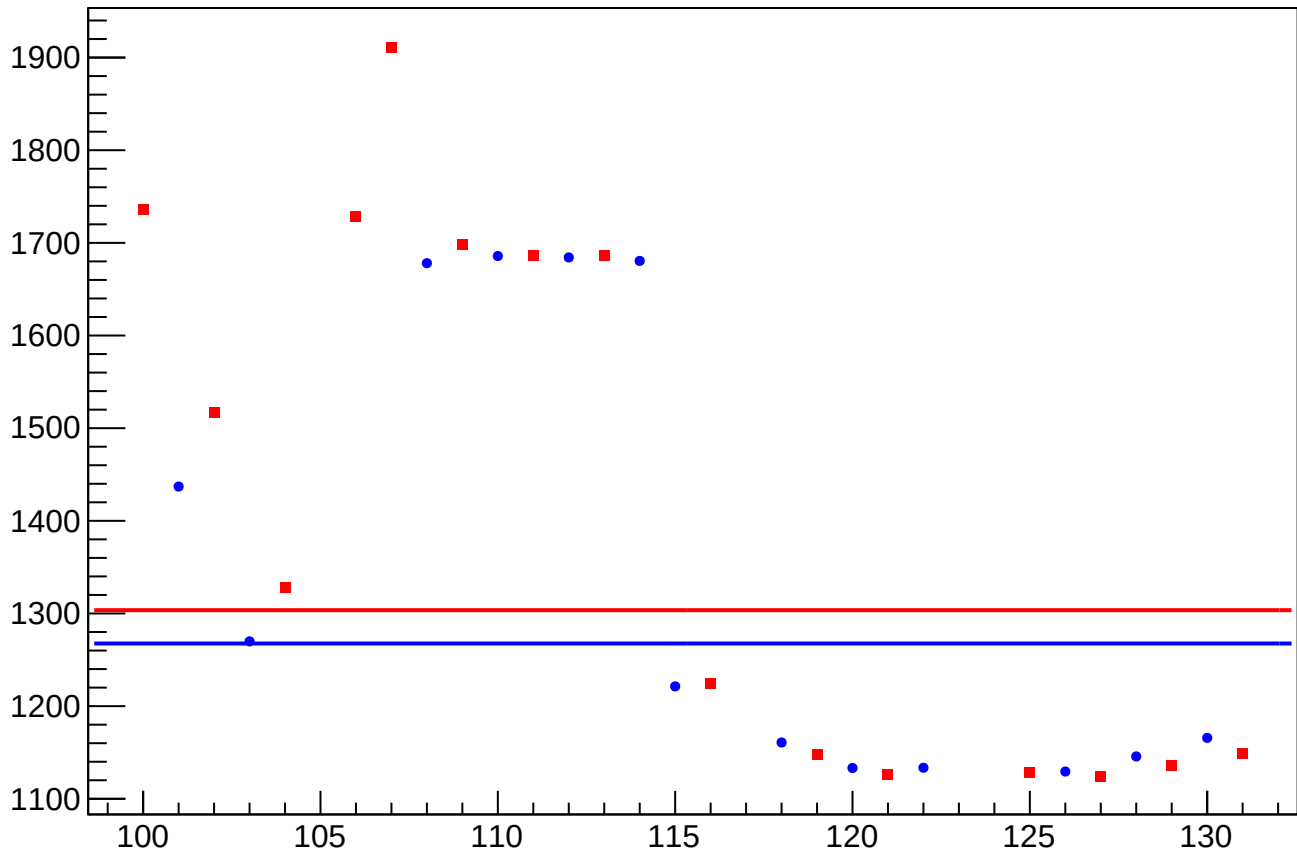
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -209.437+/-381.181 χ^2 /NDF: 27.6/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_usl_atl1_dd_rms vs Slug



Right In: 1267.600+/-0.385 χ^2/NDF : 249908.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1303.582+/-0.377 χ^2/NDF : 395053.9/14

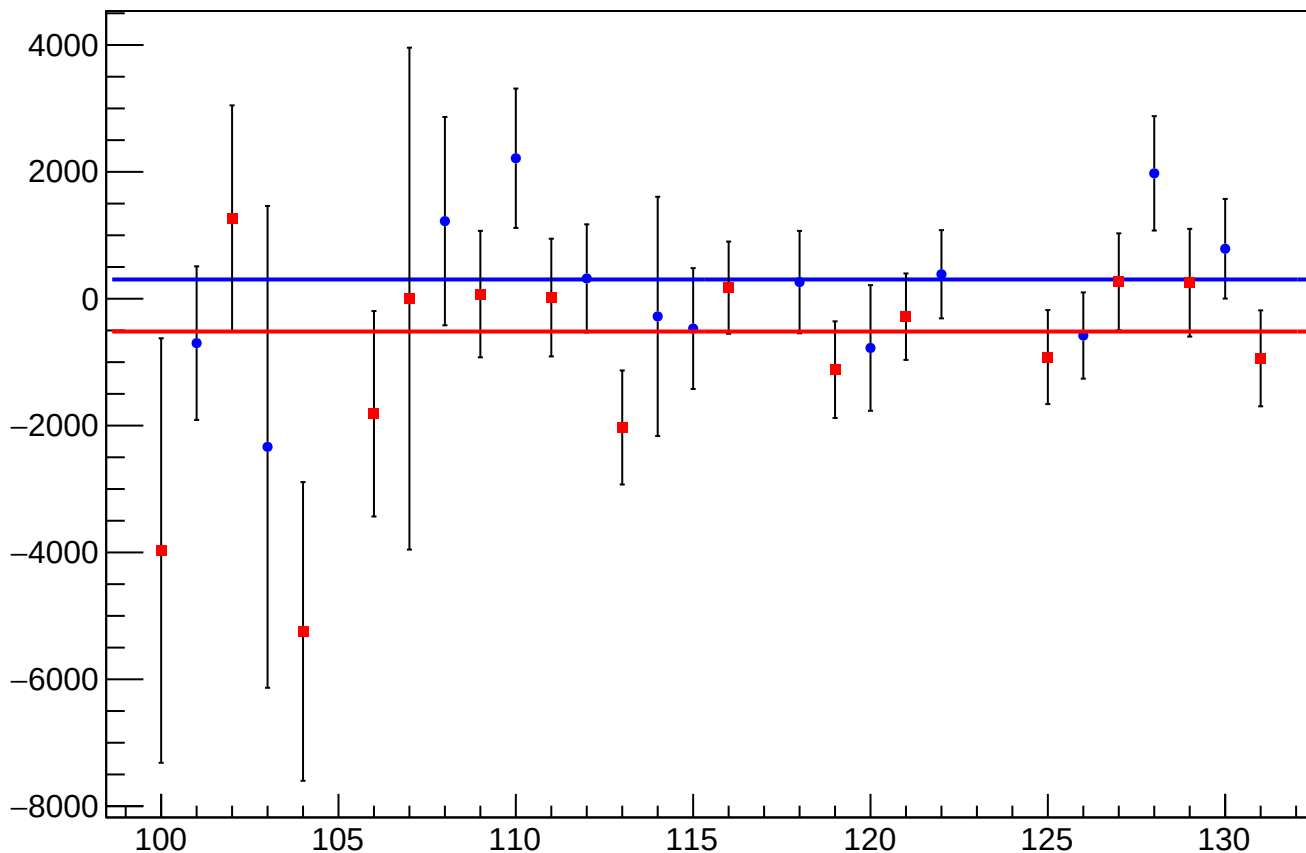
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1285.951+/-0.270 χ^2/NDF : 649415.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_cor_correction_mean vs Slug



Right In: 303.528+/-264.050 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -517.070+/-243.450 χ^2/NDF : 14.4/14

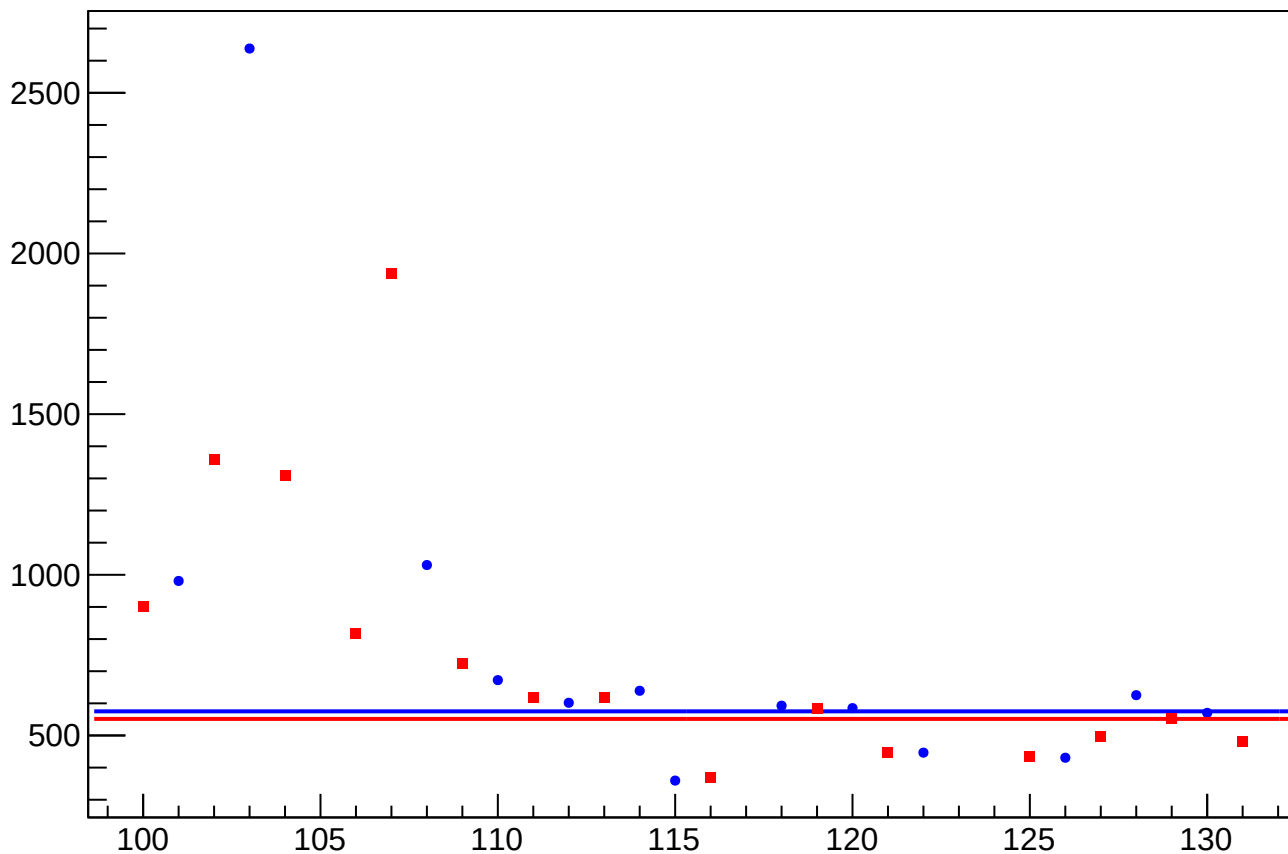
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -140.026+/-178.985 χ^2/NDF : 31.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_cor_correction_rms vs Slug



Right In: 575.099+/-0.187 χ^2/NDF : 1256307.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 551.562+/-0.172 χ^2/NDF : 1274765.9/14

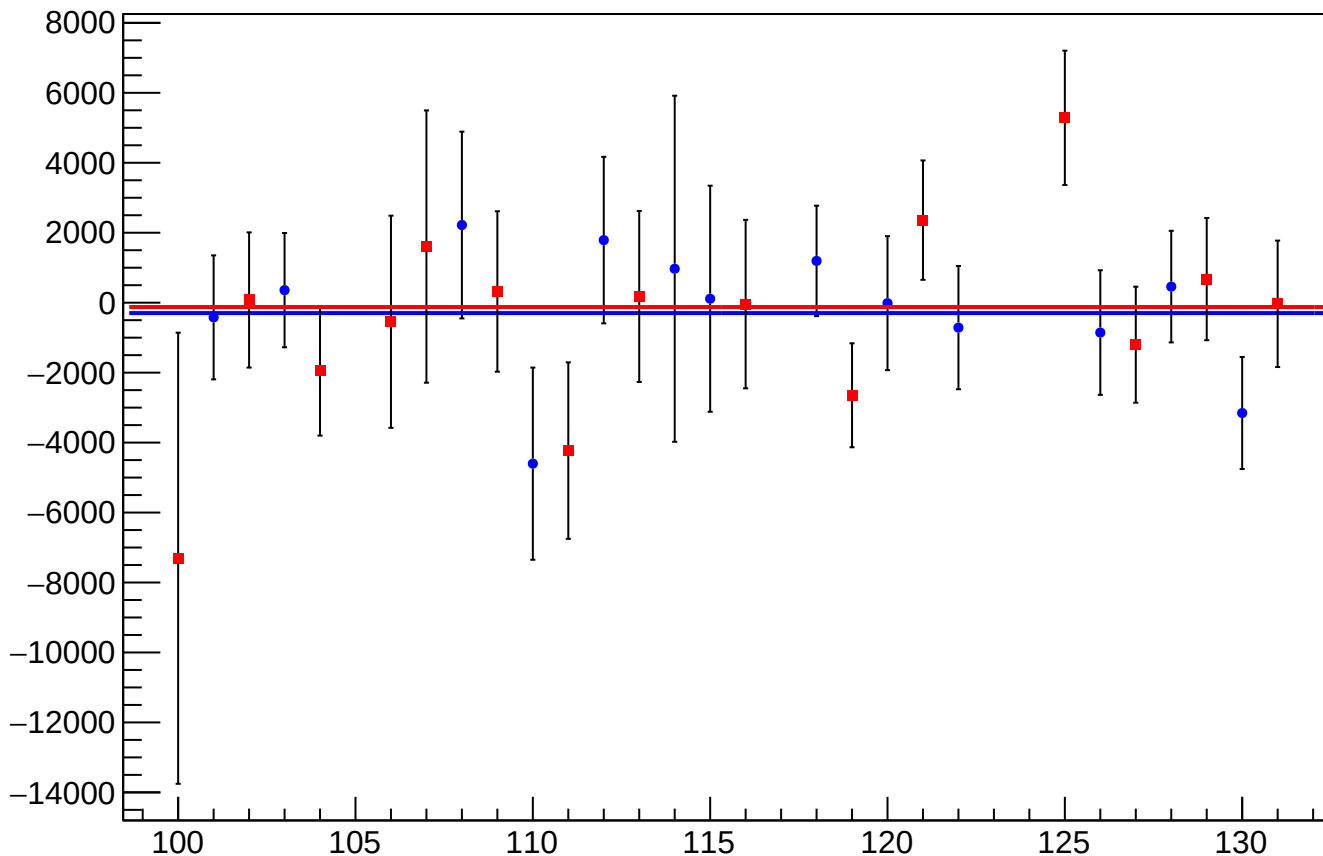
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 562.377+/-0.127 χ^2/NDF : 2539662.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl1_dd_mean vs Slug



Right In: -297.704+/-544.547 χ^2 /NDF: 8.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -124.634+/-533.757 χ^2 /NDF: 18.7/14

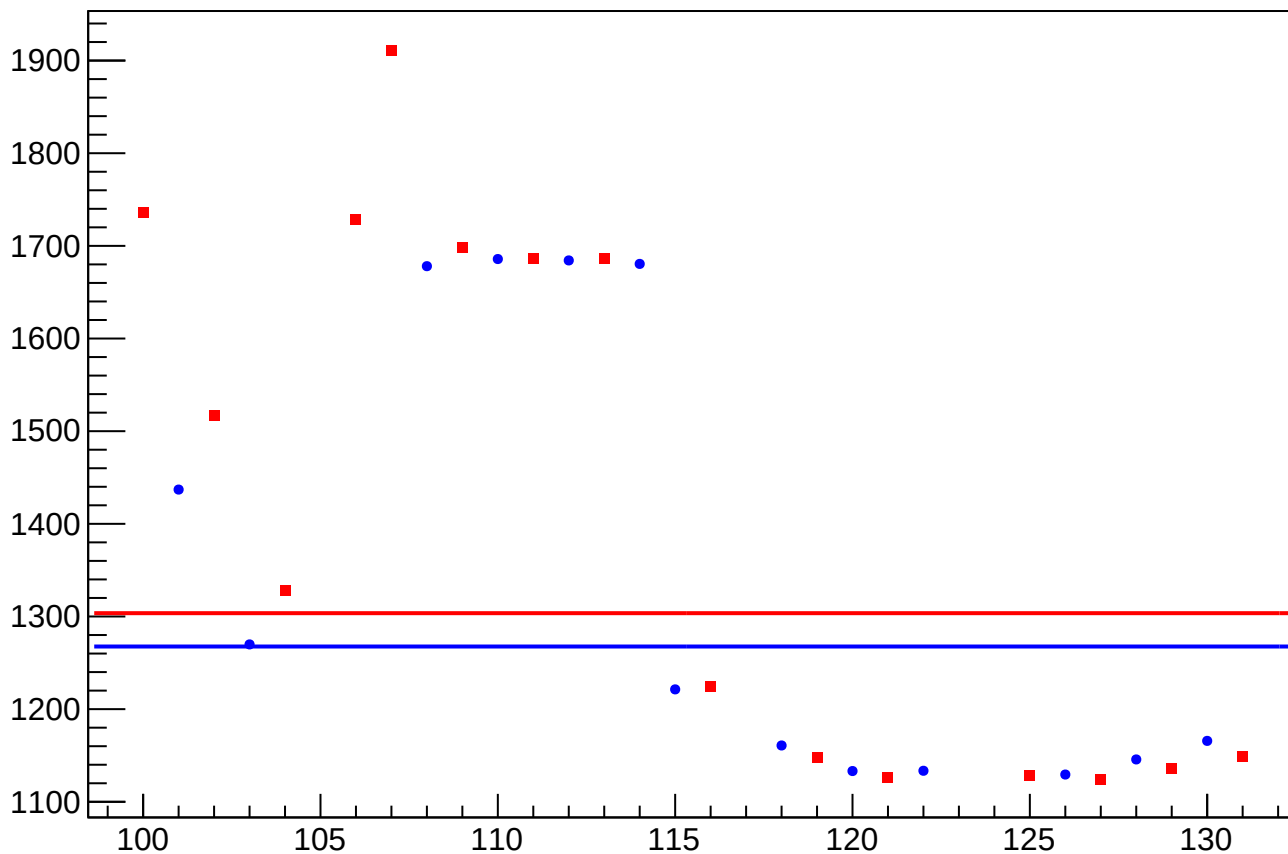
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -209.437+/-381.181 χ^2 /NDF: 27.6/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usl_atl1_dd_rms vs Slug



Right In: 1267.600 $\pm$ 0.385 χ^2 /NDF: 249908.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1303.582 $\pm$ 0.377 χ^2 /NDF: 395053.9/14

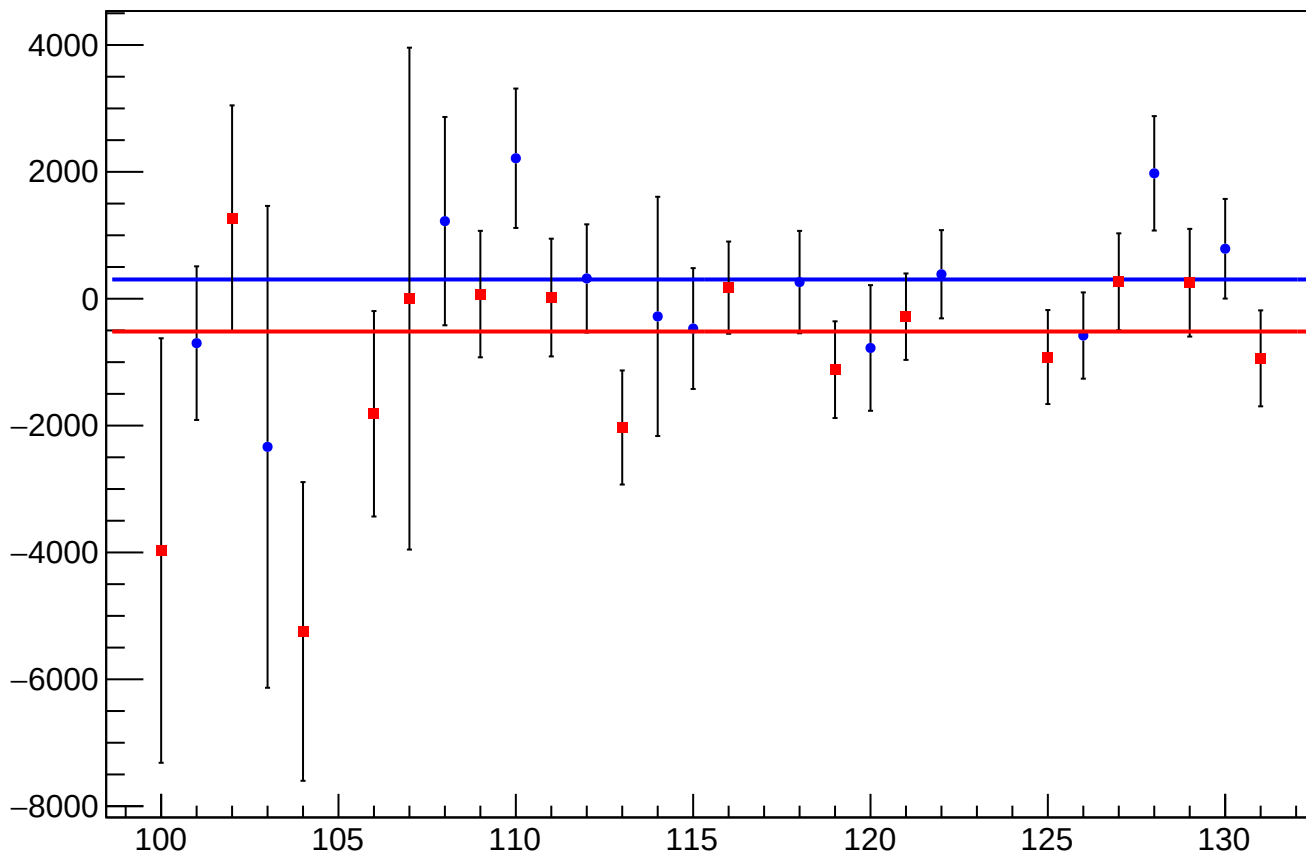
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1285.951 $\pm$ 0.270 χ^2 /NDF: 649415.9/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_eigen_cor_correction_mean vs Slug



Right In: 303.528+/-264.050 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -517.070+/-243.450 χ^2/NDF : 14.4/14

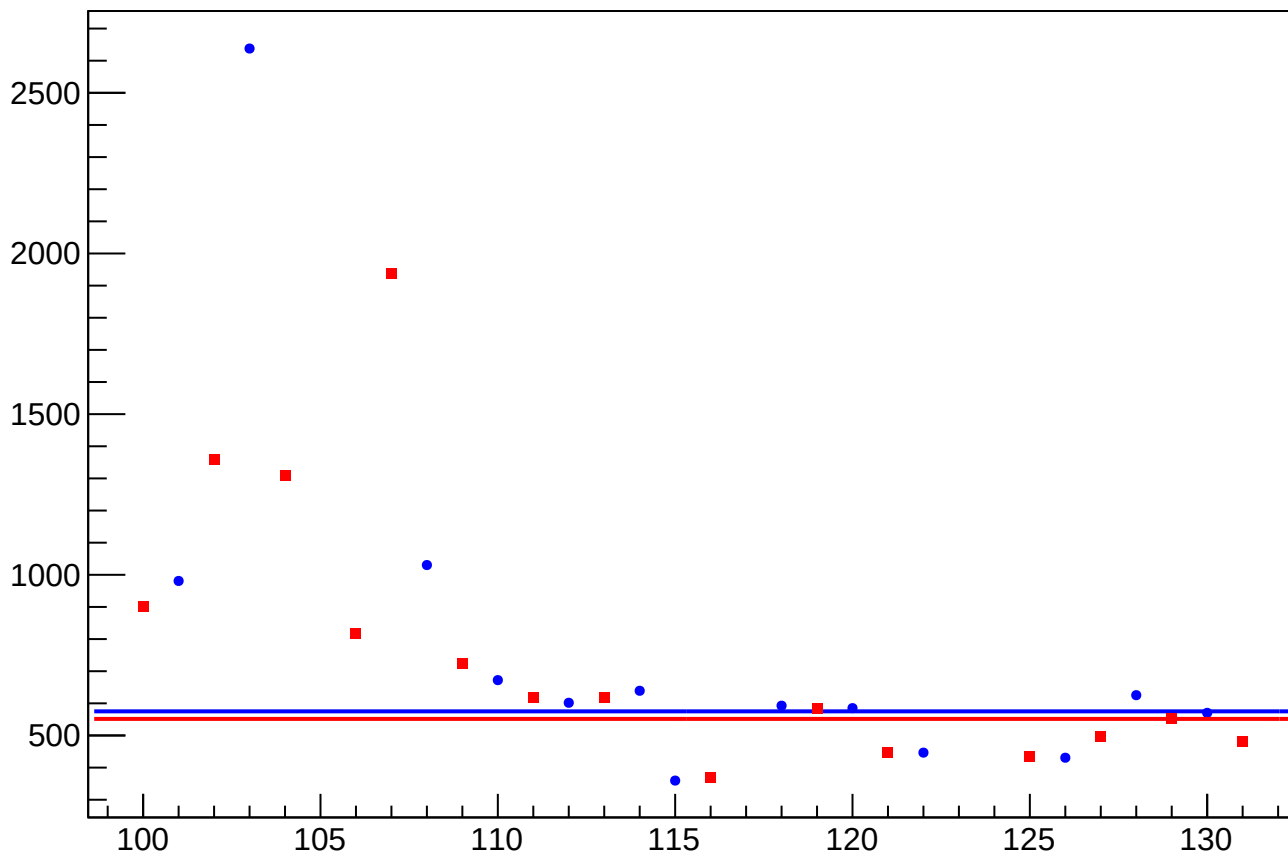
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -140.026+/-178.985 χ^2/NDF : 31.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_cor_correction_rms vs Slug



Right In: 575.099+/-0.187 χ^2/NDF : 1256307.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 551.562+/-0.172 χ^2/NDF : 1274765.9/14

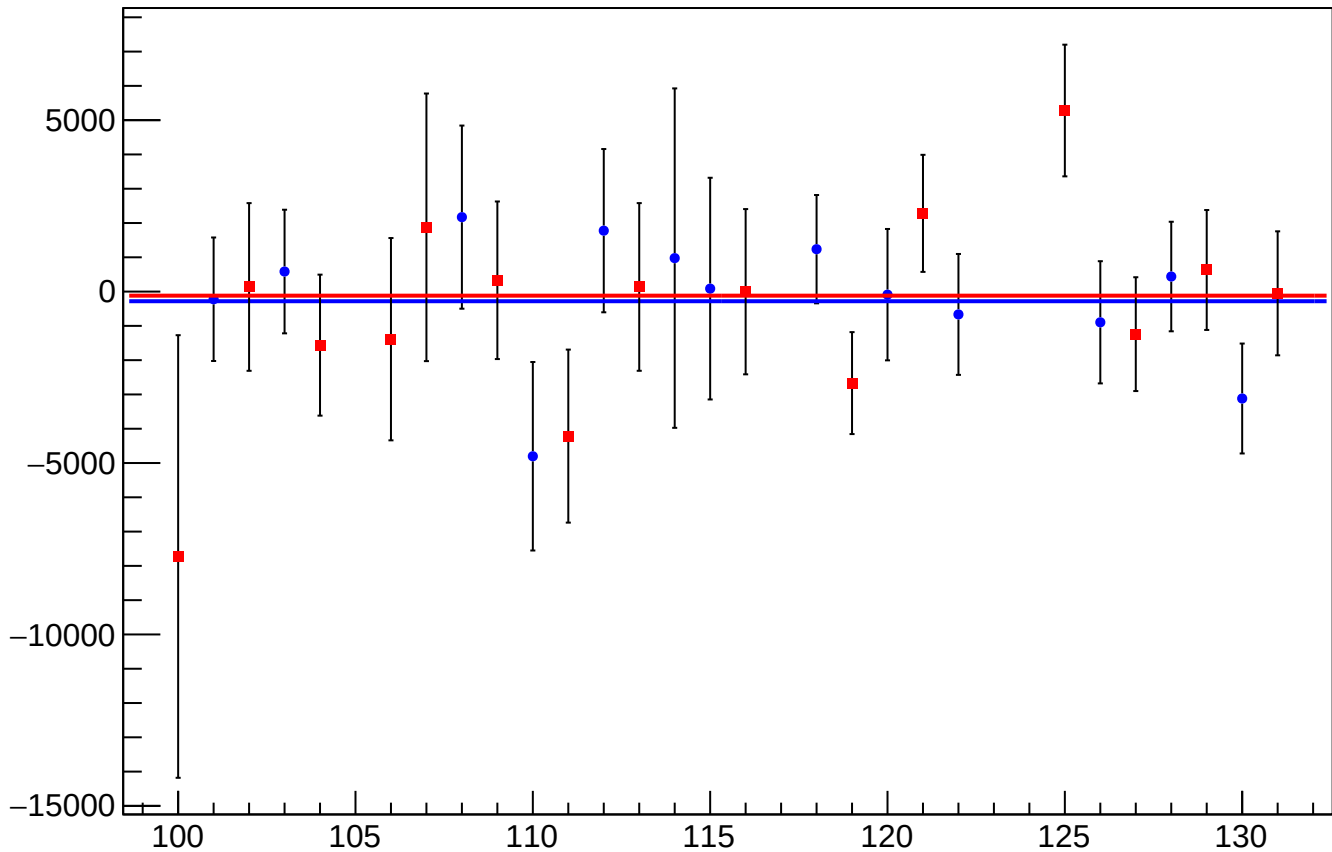
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 562.377+/-0.127 χ^2/NDF : 2539662.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl1_dd_mean vs Slug



Right In: -280.868 $\pm$ 551.139 χ^2 /NDF: 9.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -118.702 $\pm$ 545.824 χ^2 /NDF: 18.5/14

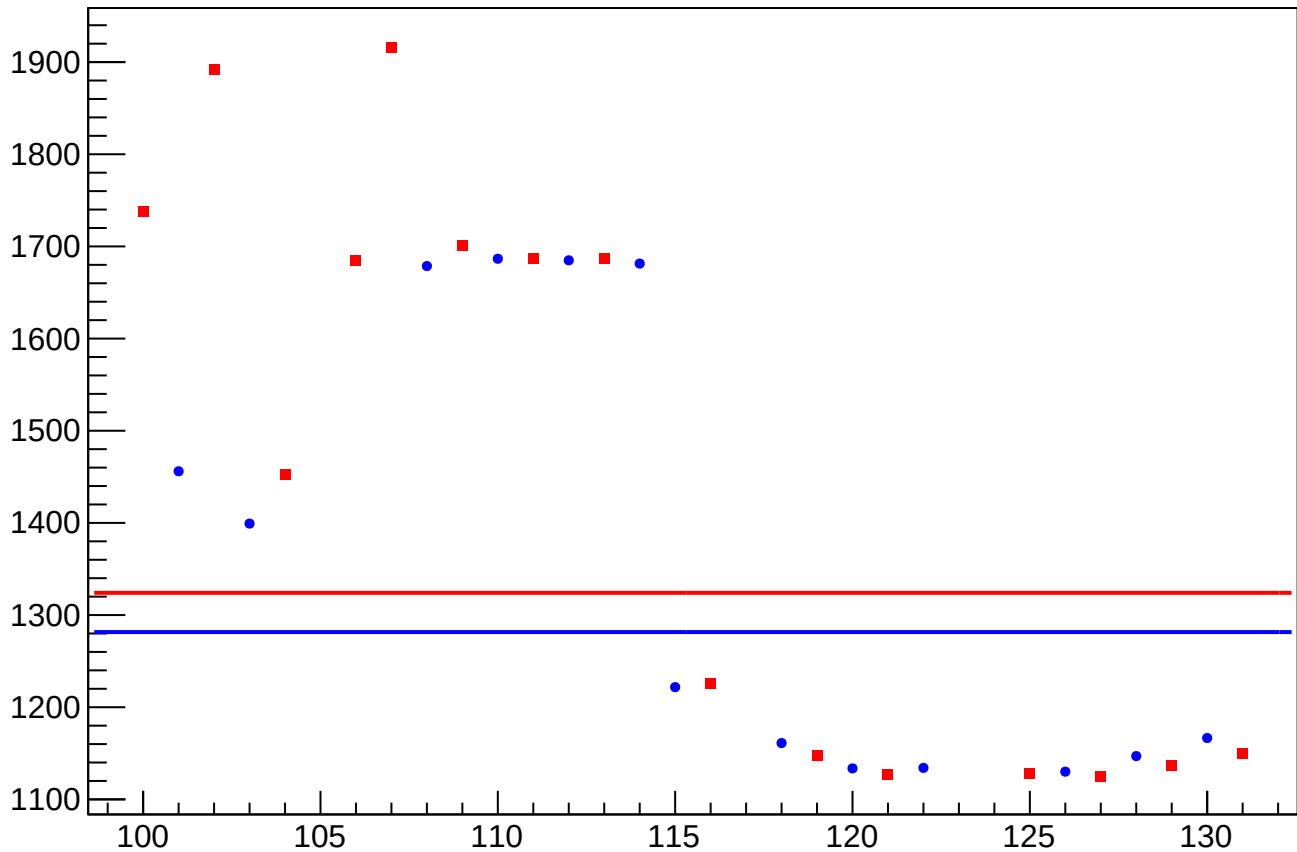
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -198.999 $\pm$ 387.821 χ^2 /NDF: 27.6/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usl_atl1_dd_rms vs Slug



Right In: 1281.527+/-0.390 χ^2/NDF : 262523.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1324.157+/-0.386 χ^2/NDF : 488354.0/14

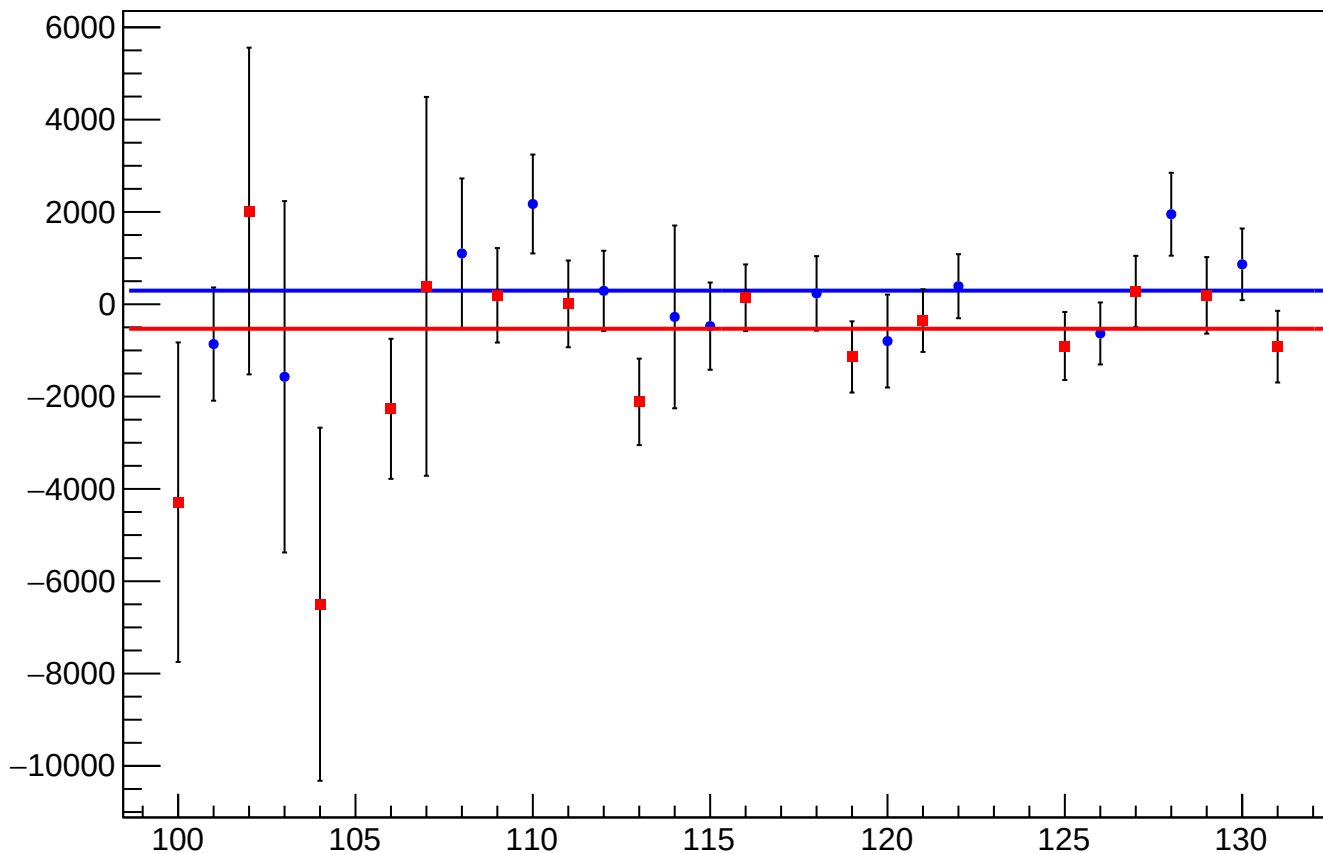
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1303.048+/-0.274 χ^2/NDF : 756918.7/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_dit_correction_mean vs Slug



Right In: 295.476 $\pm$ 263.473 χ^2 /NDF: 12.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -530.334 $\pm$ 247.261 χ^2 /NDF: 13.1/14

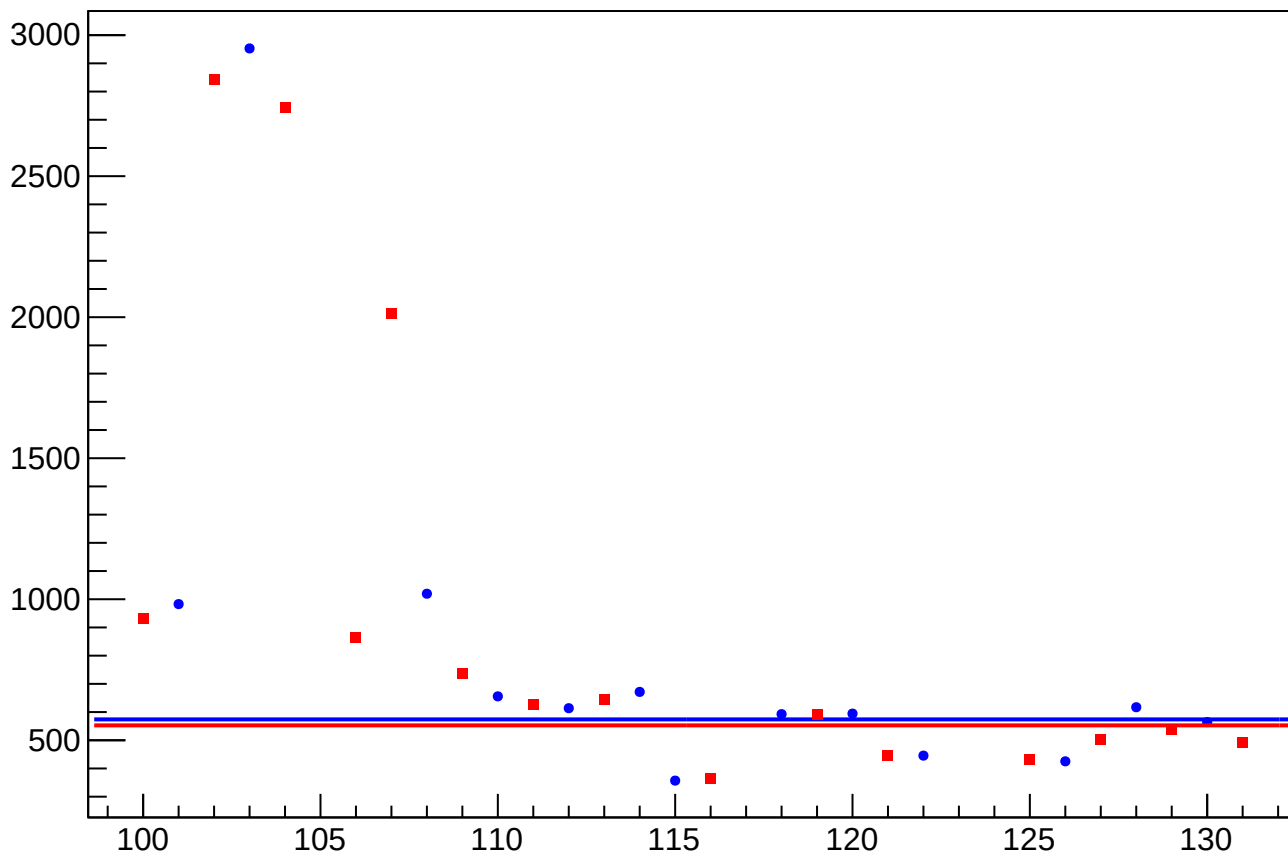
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -143.617 $\pm$ 180.299 χ^2 /NDF: 30.6/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_dit_correction_rms vs Slug



Right In: 574.036+/-0.186 χ^2/NDF : 1453747.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

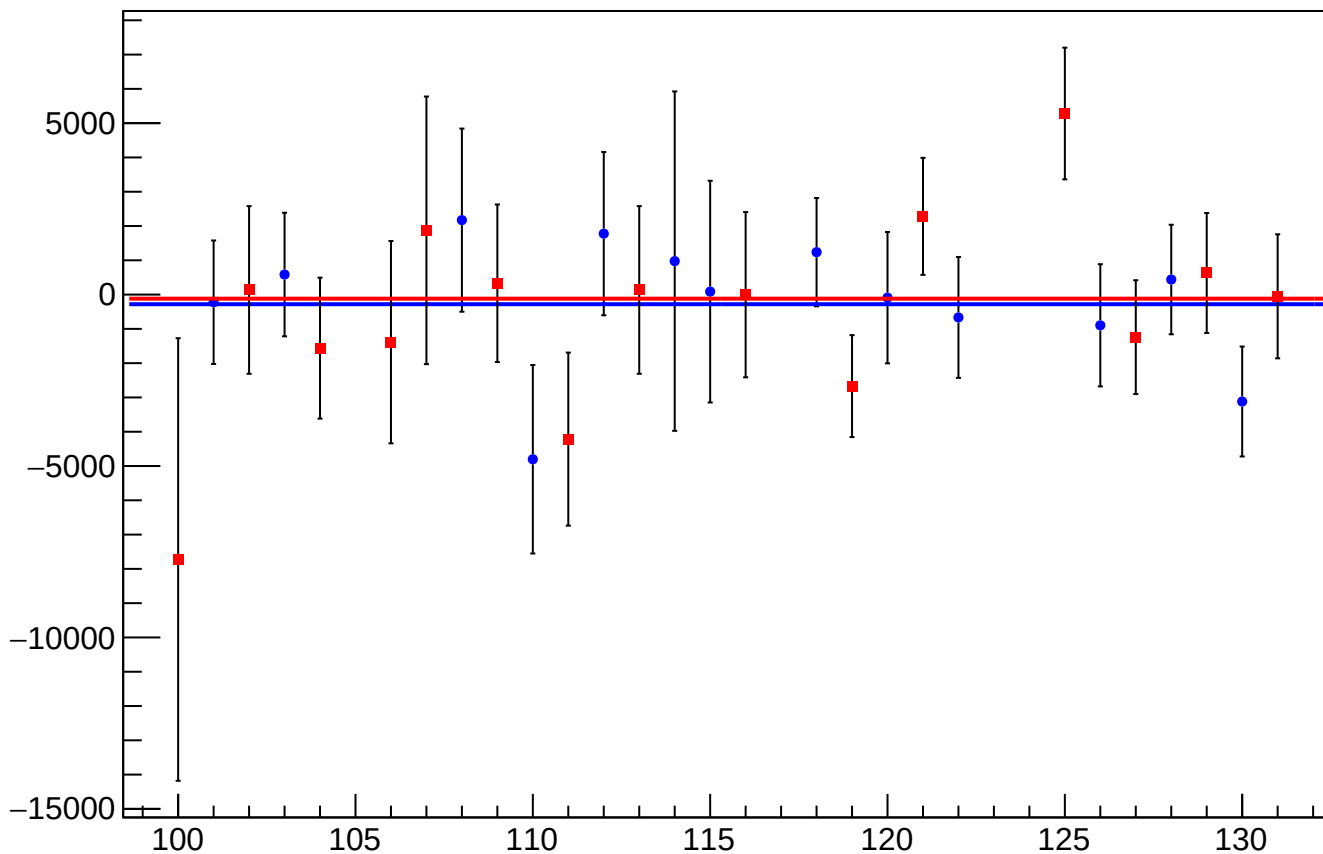
Right Out: 552.840+/-0.175 χ^2/NDF : 2216243.9/14

All: 562.766+/-0.127 χ^2/NDF : 3676873.7/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl1_dd_mean vs Slug



Right In: -280.866+/-551.139 χ^2 /NDF: 9.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -118.702+/-545.824 χ^2 /NDF: 18.5/14

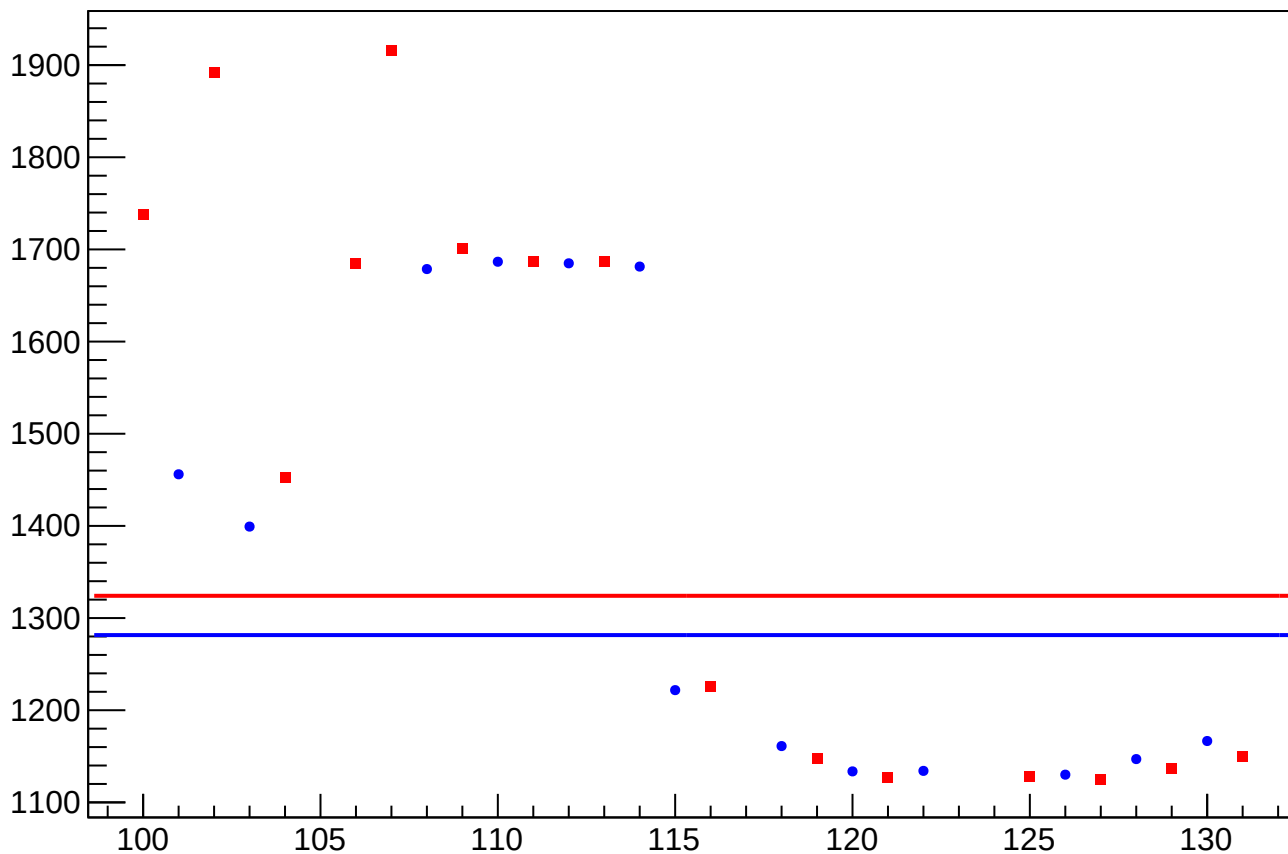
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -198.998+/-387.821 χ^2 /NDF: 27.6/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usl_atl1_dd_rms vs Slug



Right In: 1281.526+/-0.390 χ^2/NDF : 262523.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1324.157+/-0.386 χ^2/NDF : 488353.5/14

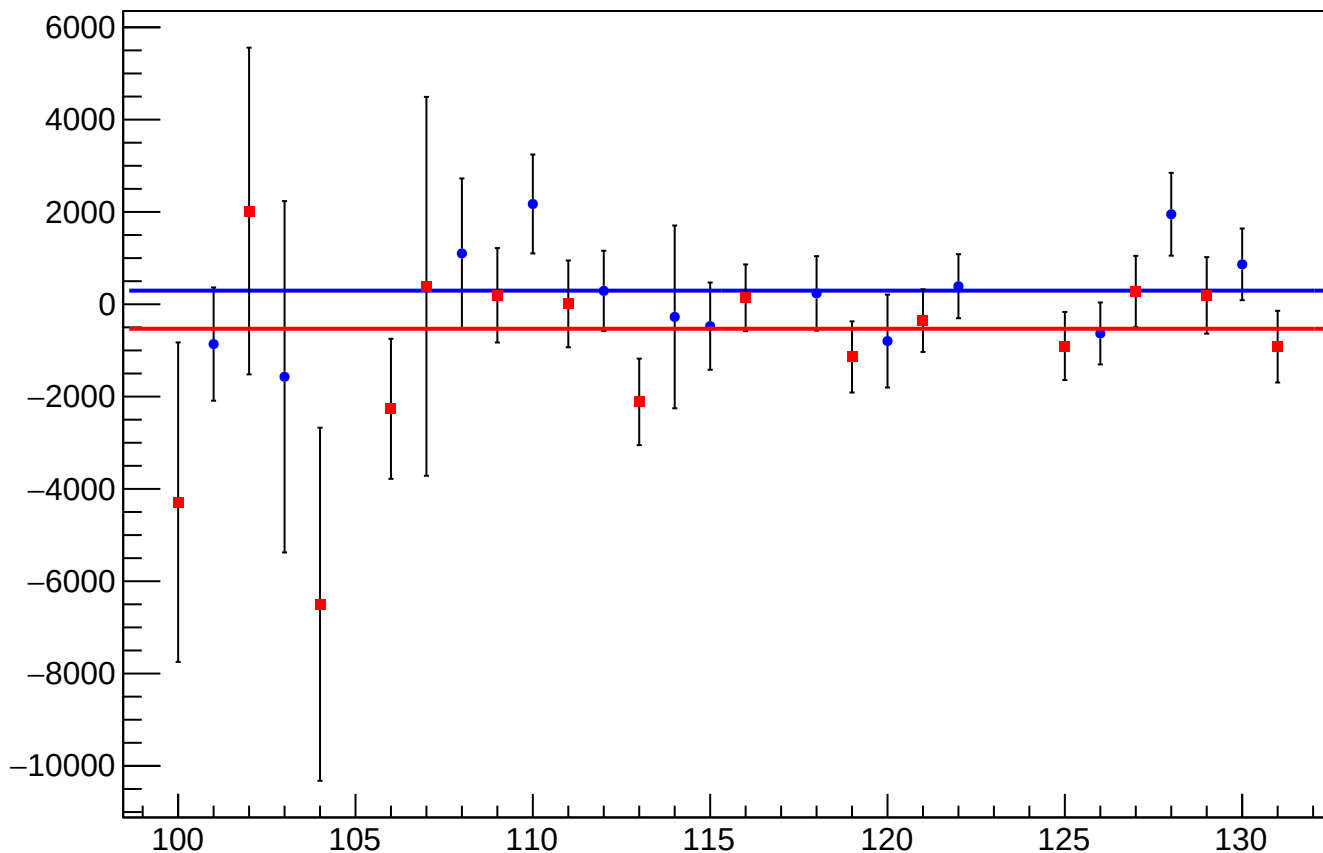
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1303.048+/-0.274 χ^2/NDF : 756918.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_dit_correction_mean vs Slug



Right In: 295.476 $\pm$ 263.473 χ^2 /NDF: 12.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -530.334 $\pm$ 247.261 χ^2 /NDF: 13.1/14

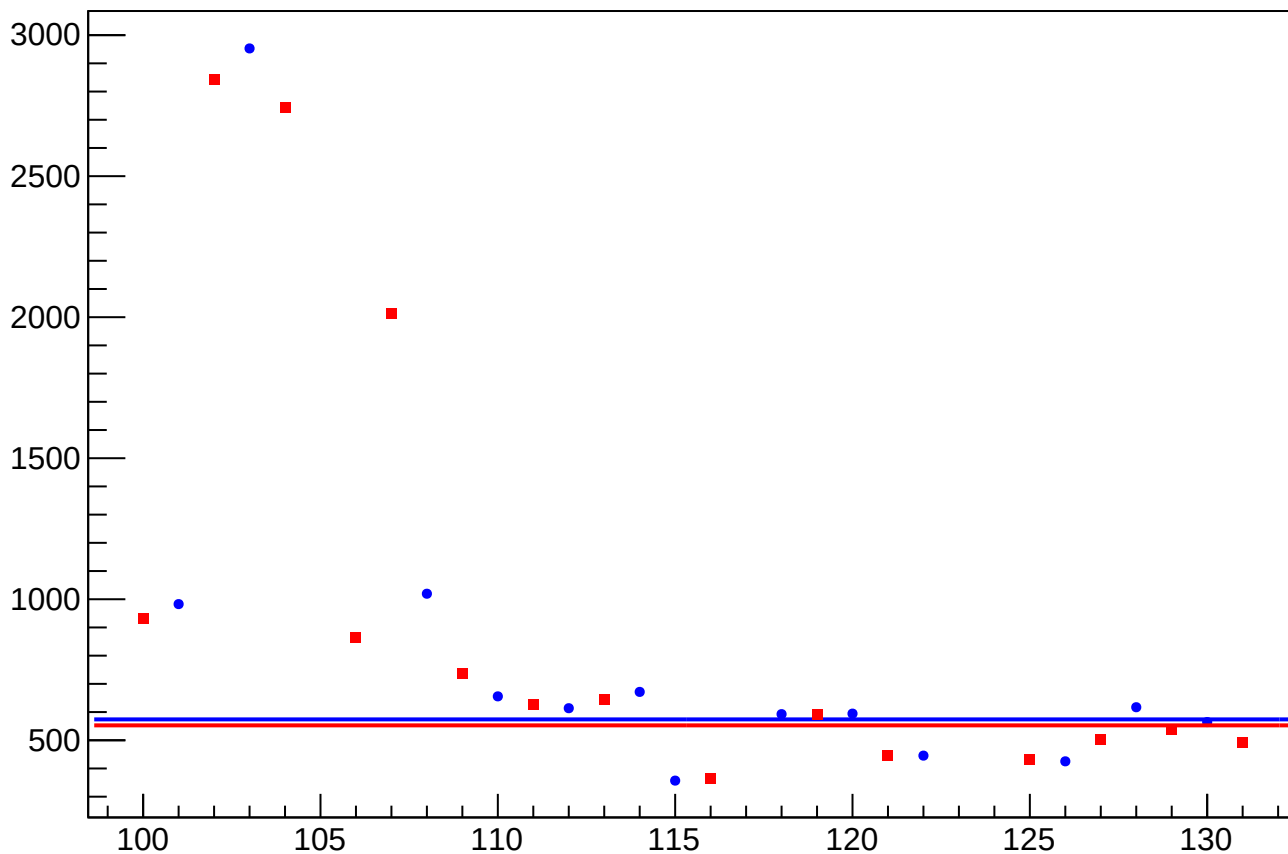
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -143.617 $\pm$ 180.299 χ^2 /NDF: 30.6/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_eigen_dit_correction_rms vs Slug



Right In: 574.036+/-0.186 χ^2/NDF : 1453745.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 552.840+/-0.175 χ^2/NDF : 2216244.4/14

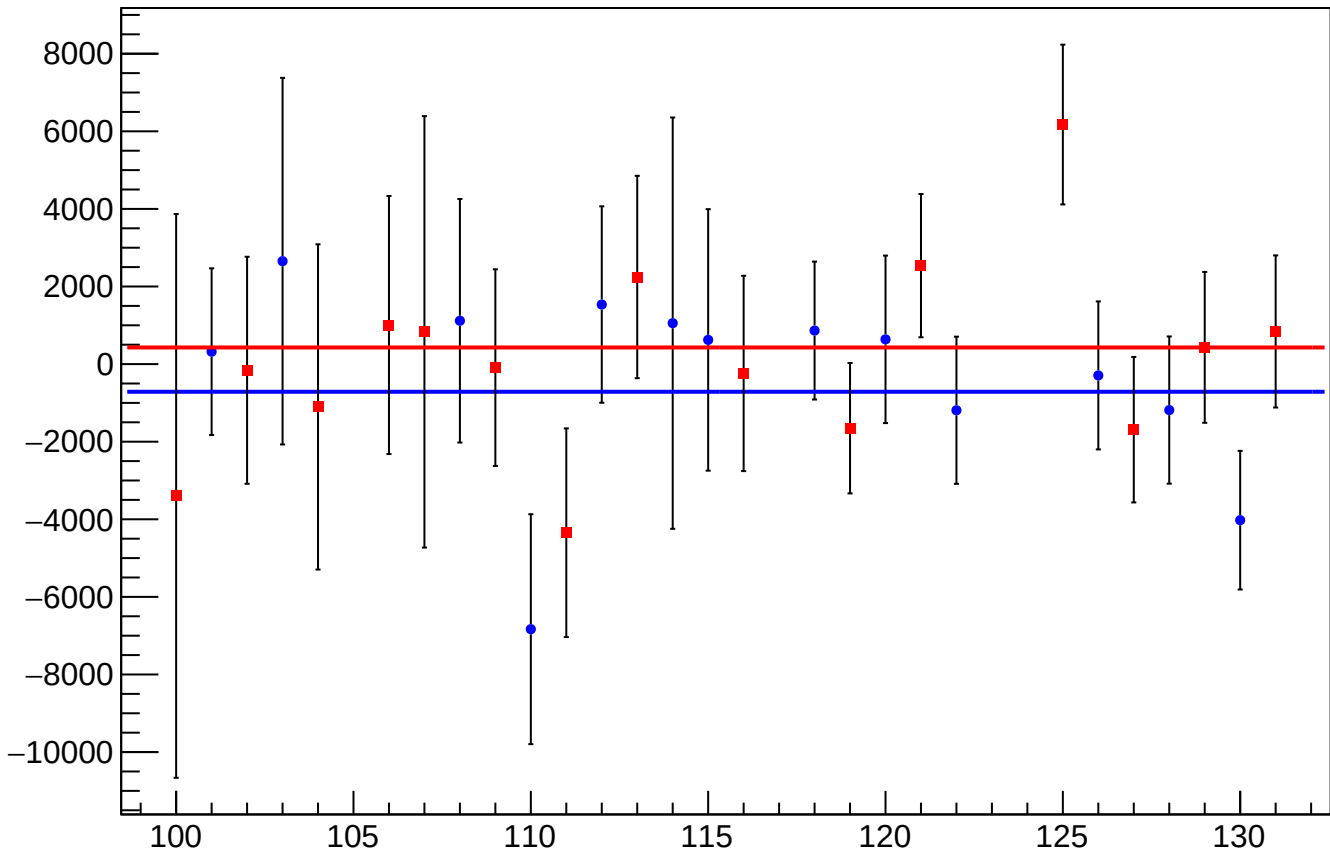
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 562.766+/-0.127 χ^2/NDF : 3676871.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_mean vs Slug



Right In: -712.973+/-641.277 χ^2/NDF : 11.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 428.572+/-619.335 χ^2/NDF : 16.2/14

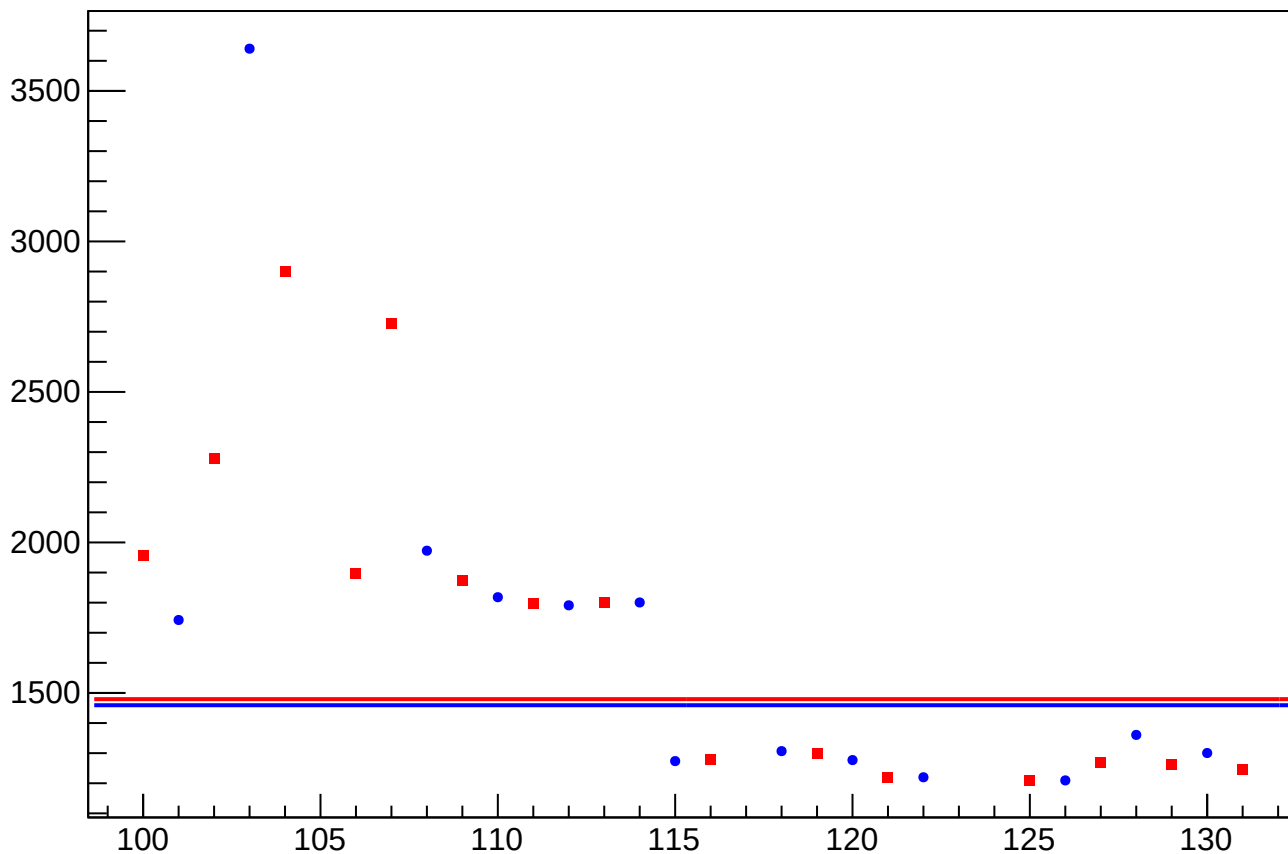
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -122.336+/-445.491 χ^2/NDF : 29.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_rms vs Slug



Right In: 1459.195+/-0.453 χ^2/NDF : 708835.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1479.416+/-0.438 χ^2/NDF : 815229.4/14

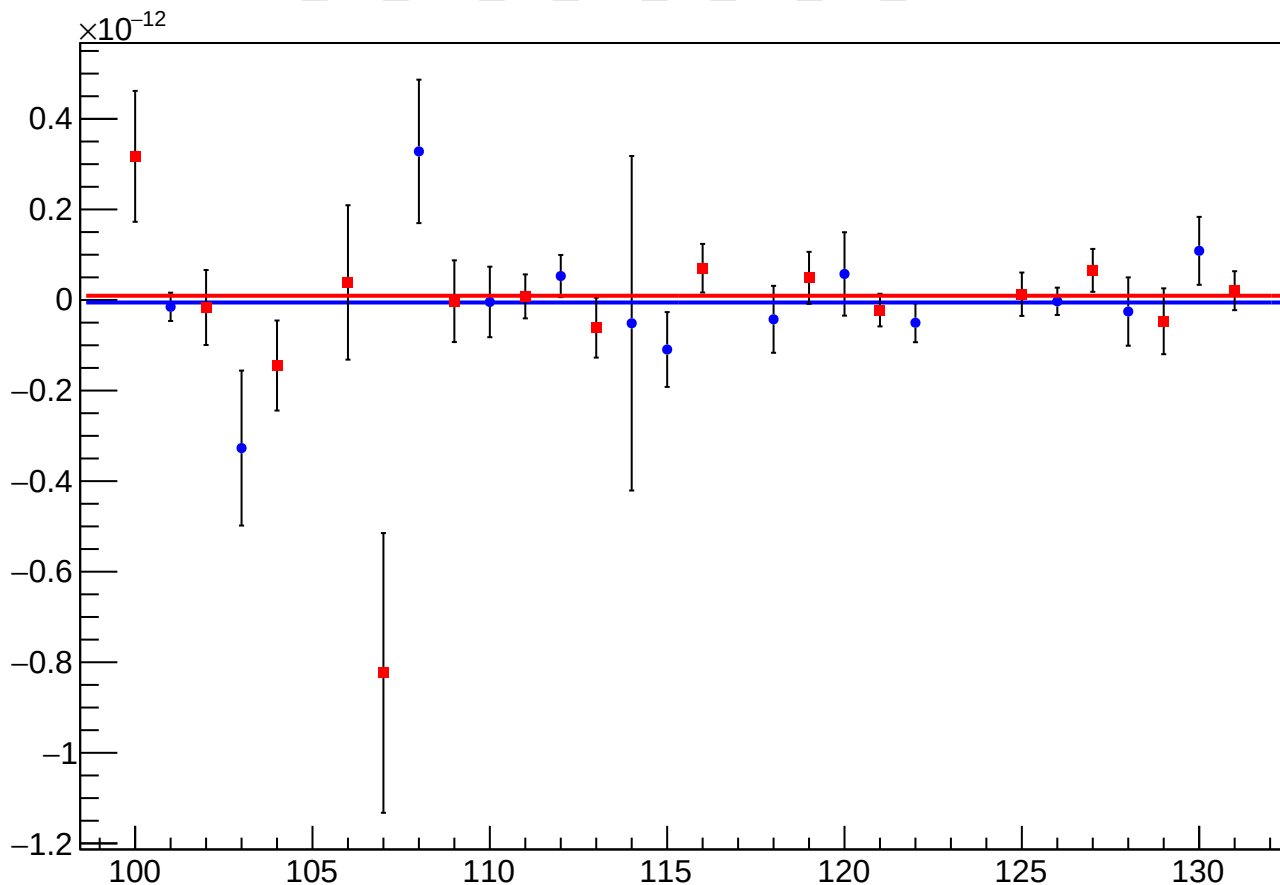
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1469.657+/-0.315 χ^2/NDF : 1525093.5/27

- 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 ± 0.000 χ^2/NDF : 15.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 20.1/14

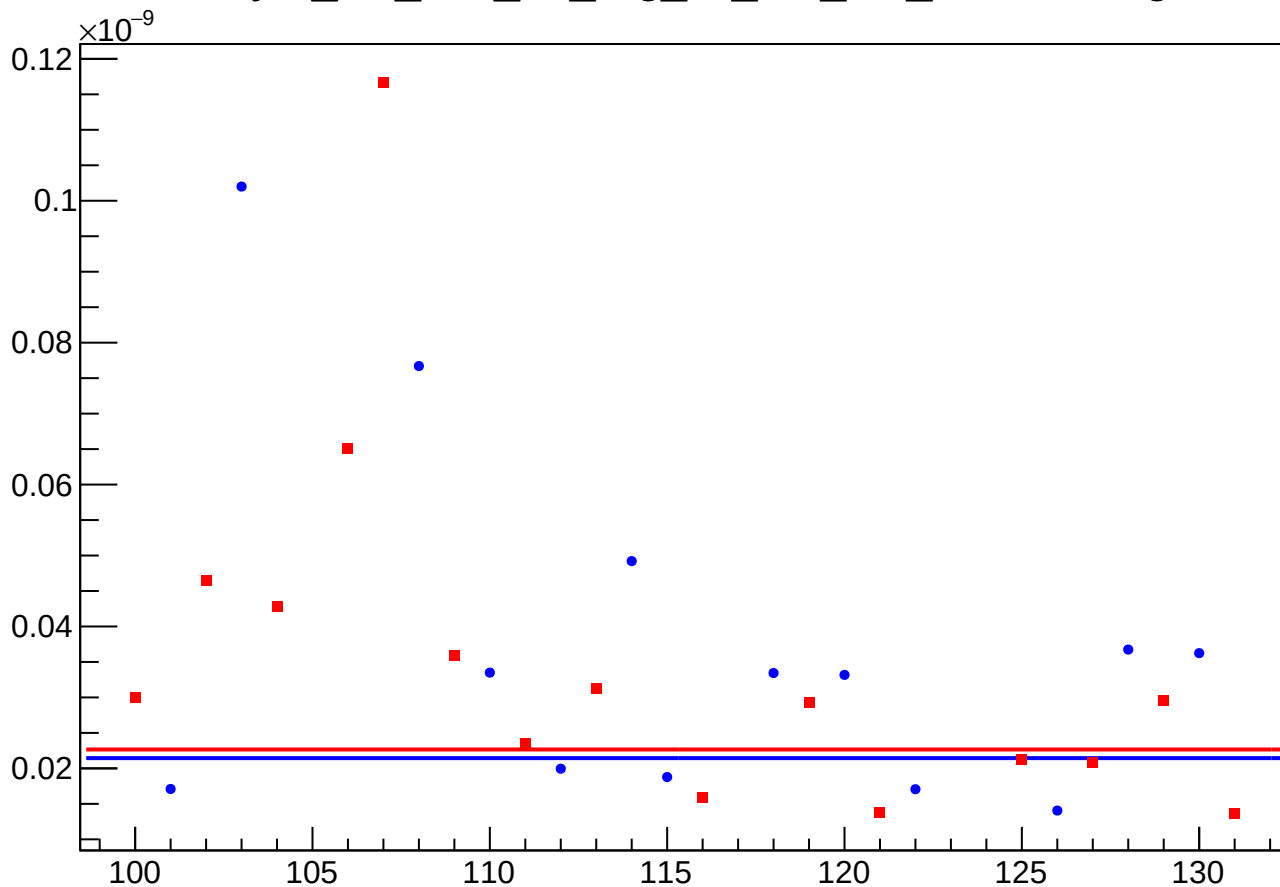
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 36.0/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1174943.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 929342.7/14

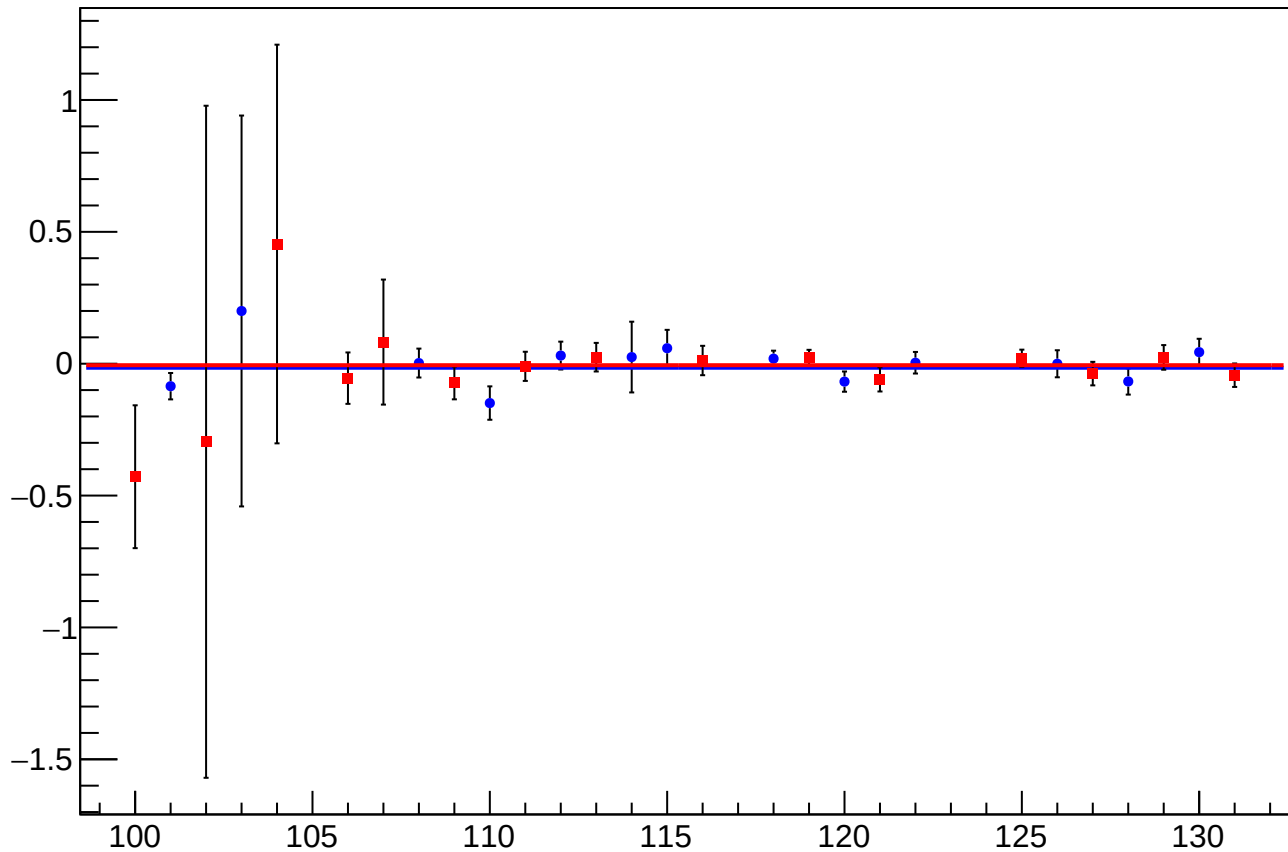
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2110474.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.015+/-0.014 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.006+/-0.014 χ^2/NDF : 9.5/14

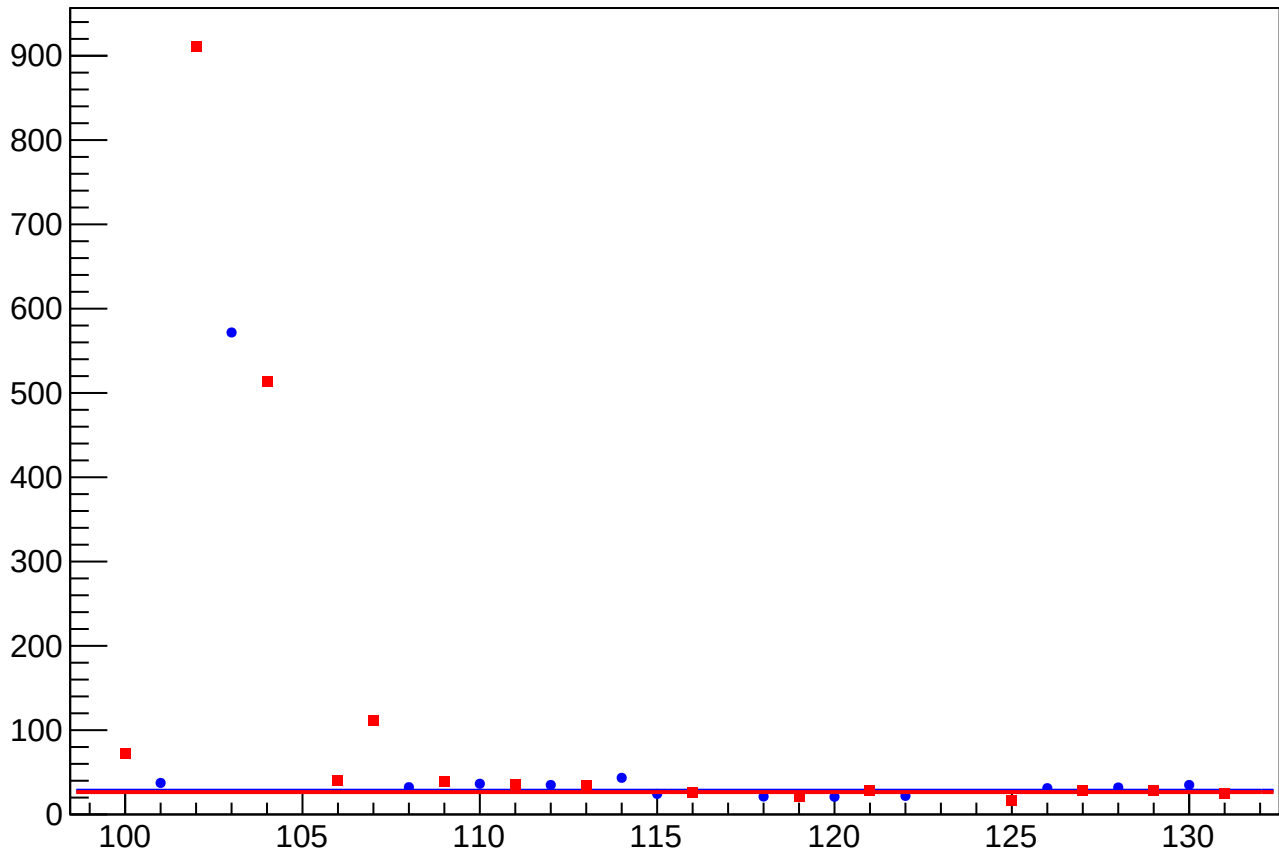
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.010 χ^2/NDF : 24.3/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_dit_vs_cor_diff_rms vs Slug



Right In: 28.157+/-0.010 χ^2/NDF : 1529320.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.548+/-0.010 χ^2/NDF : 2580121.6/14

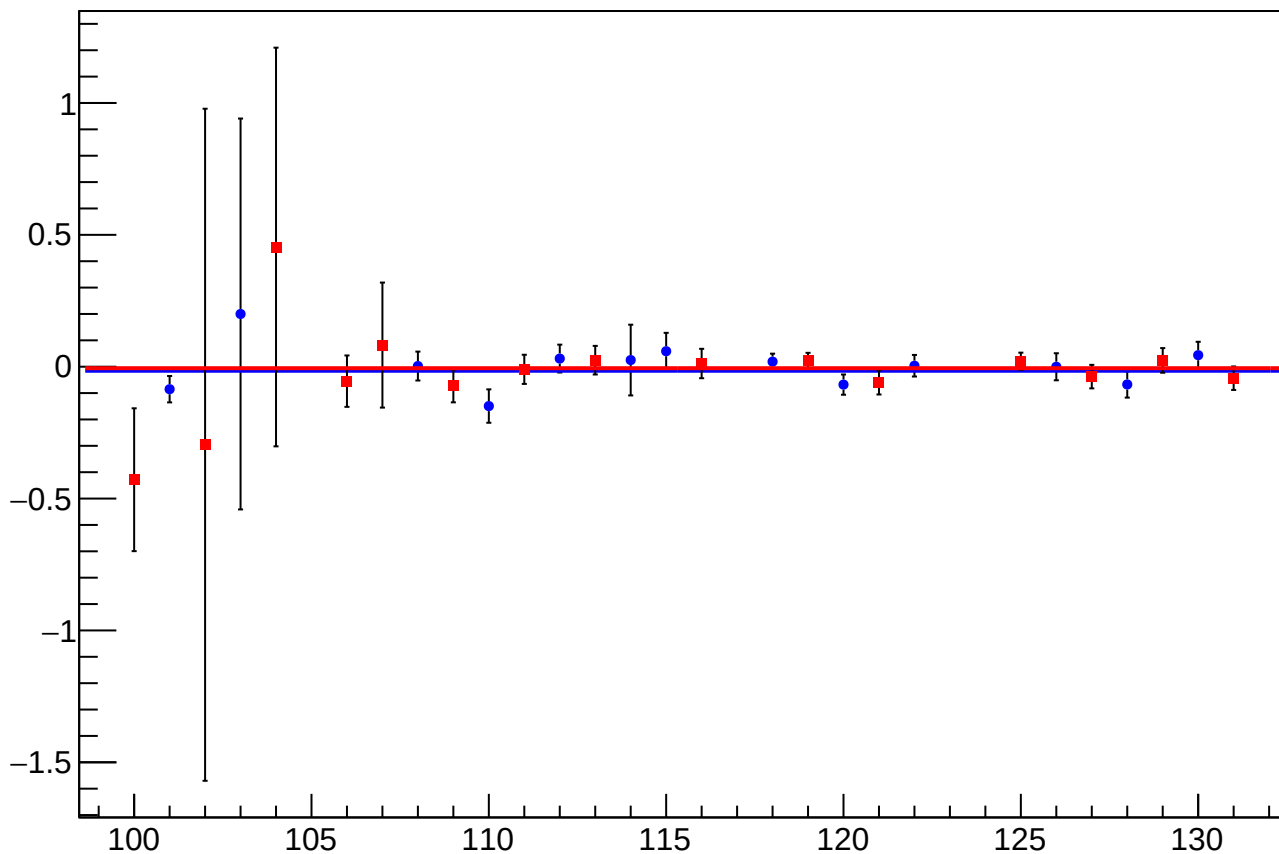
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.330+/-0.007 χ^2/NDF : 4123140.3/27

- 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+/-0.014 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.006+/-0.014 χ^2/NDF : 9.5/14

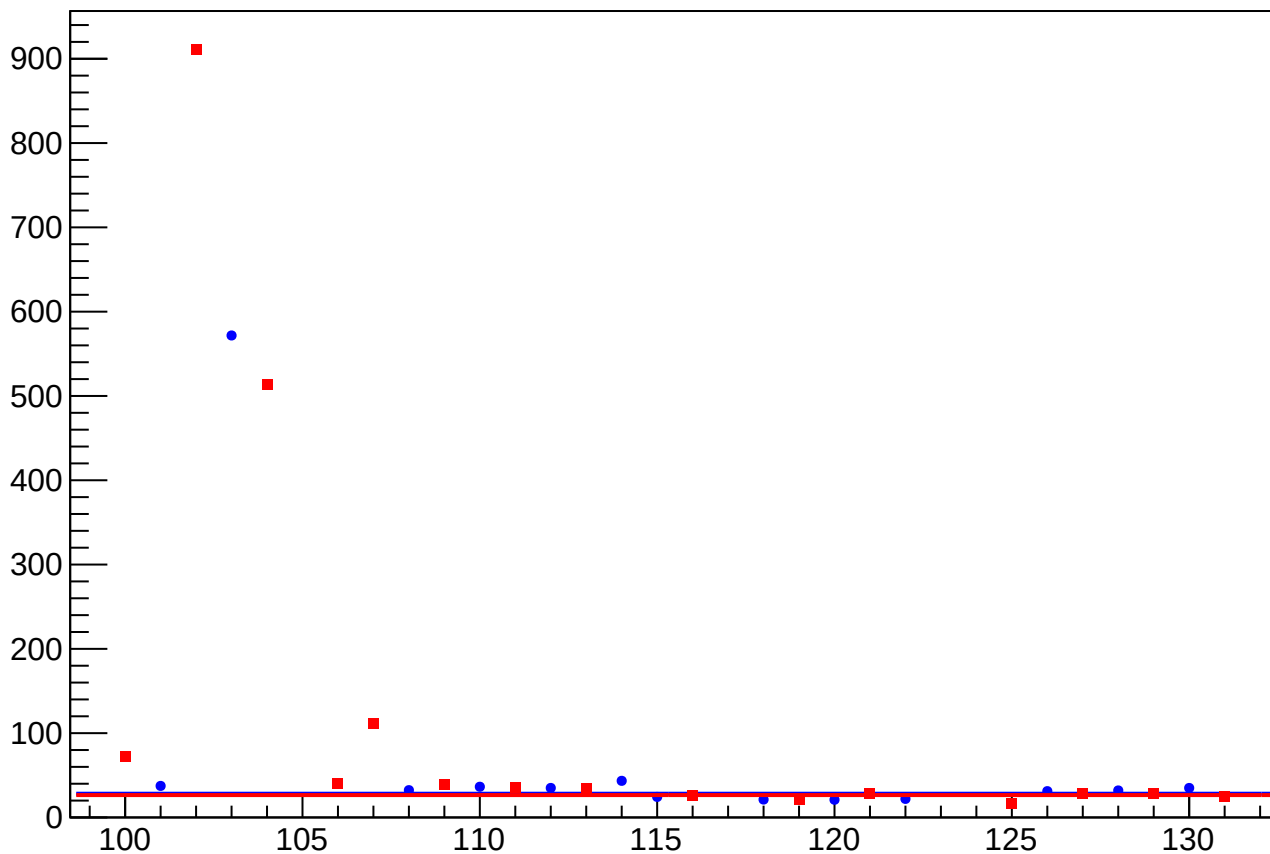
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.010 χ^2/NDF : 24.3/27

- 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: 28.157+/-0.010 χ^2/NDF : 1529320.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.548+/-0.010 χ^2/NDF : 2580121.6/14

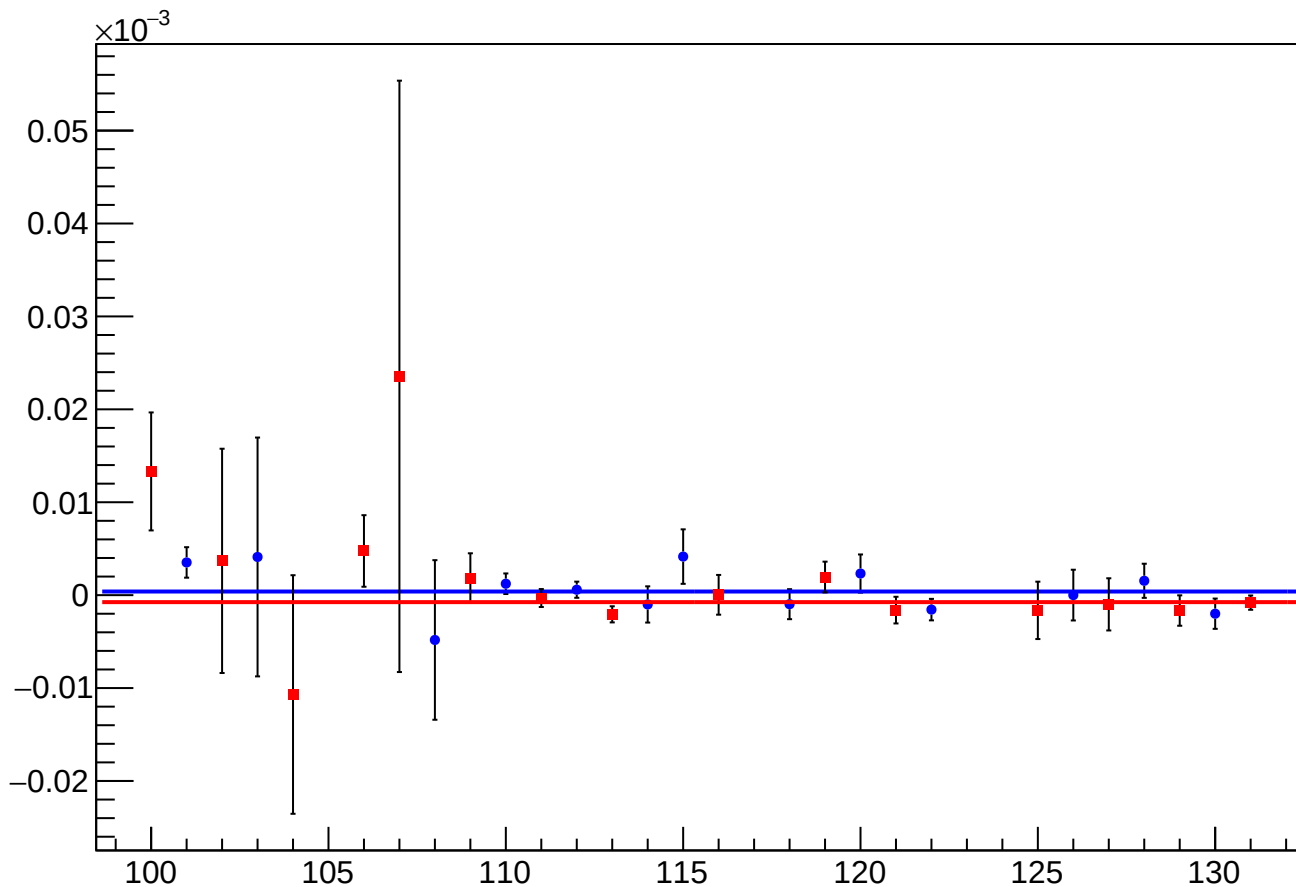
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.330+/-0.007 χ^2/NDF : 4123140.3/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.3/14

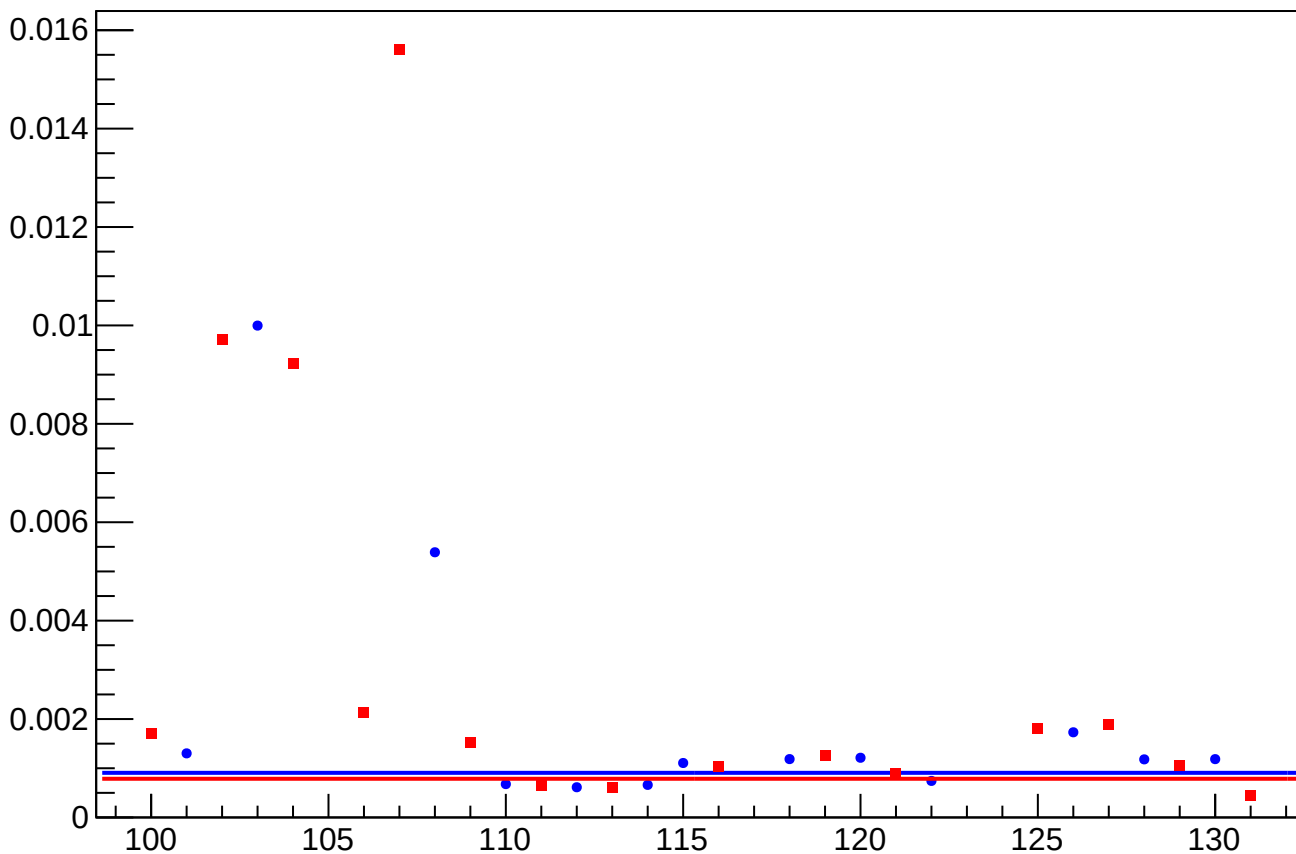
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 32.7/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 2444856.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4147192.7/14

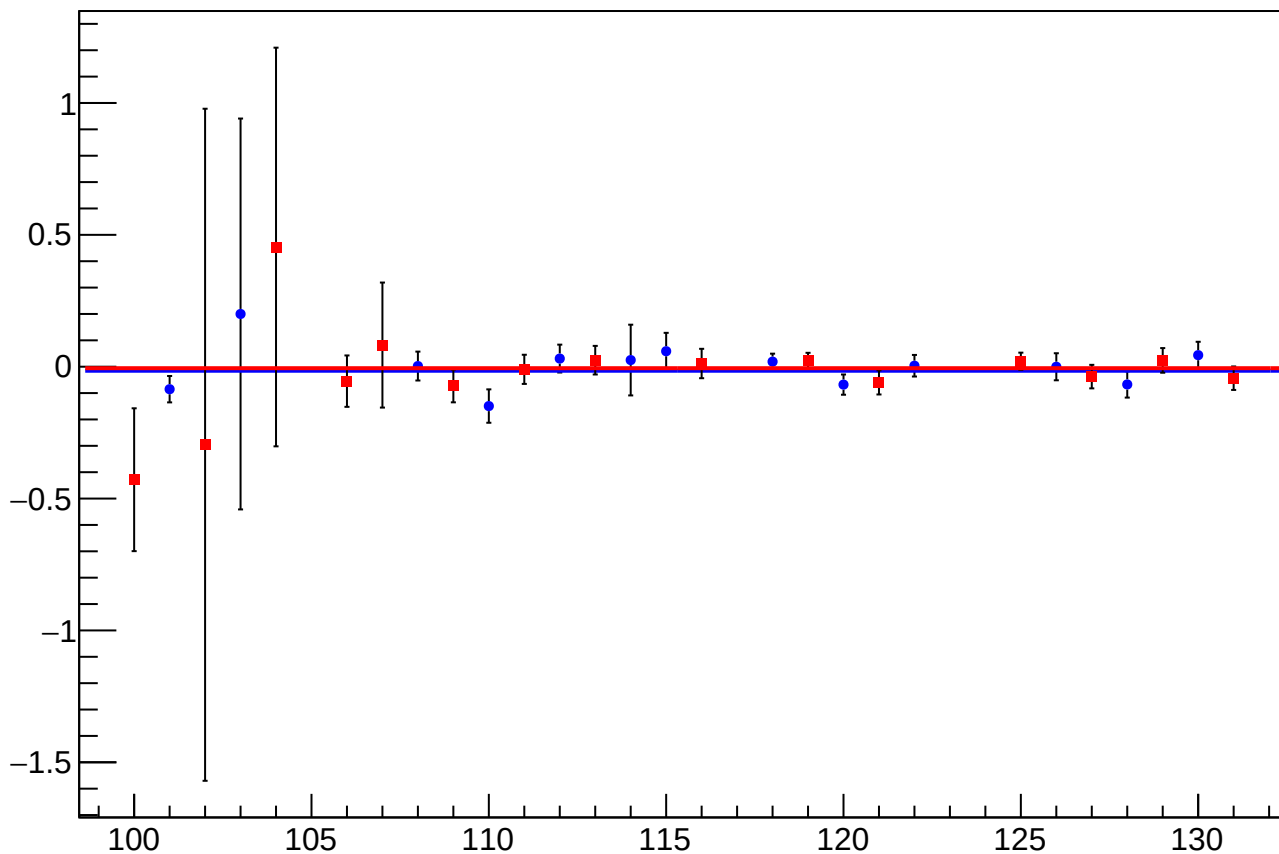
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6672410.7/27

- 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+/-0.014 χ^2 /NDF: 14.5/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.006+/-0.014 χ^2 /NDF: 9.5/14

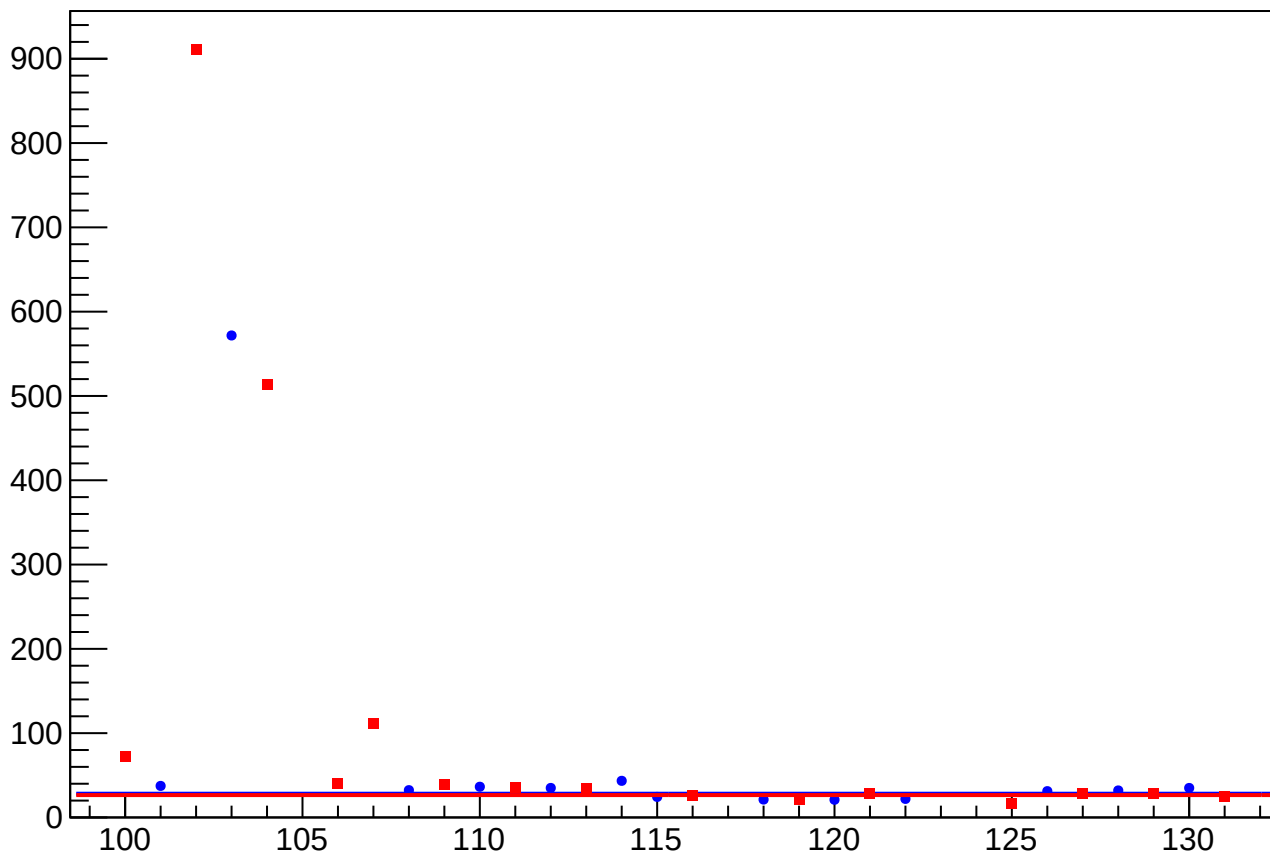
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.010+/-0.010 χ^2 /NDF: 24.3/27

- 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: 28.157+/-0.010 χ^2/NDF : 1529314.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.548+/-0.010 χ^2/NDF : 2580143.0/14

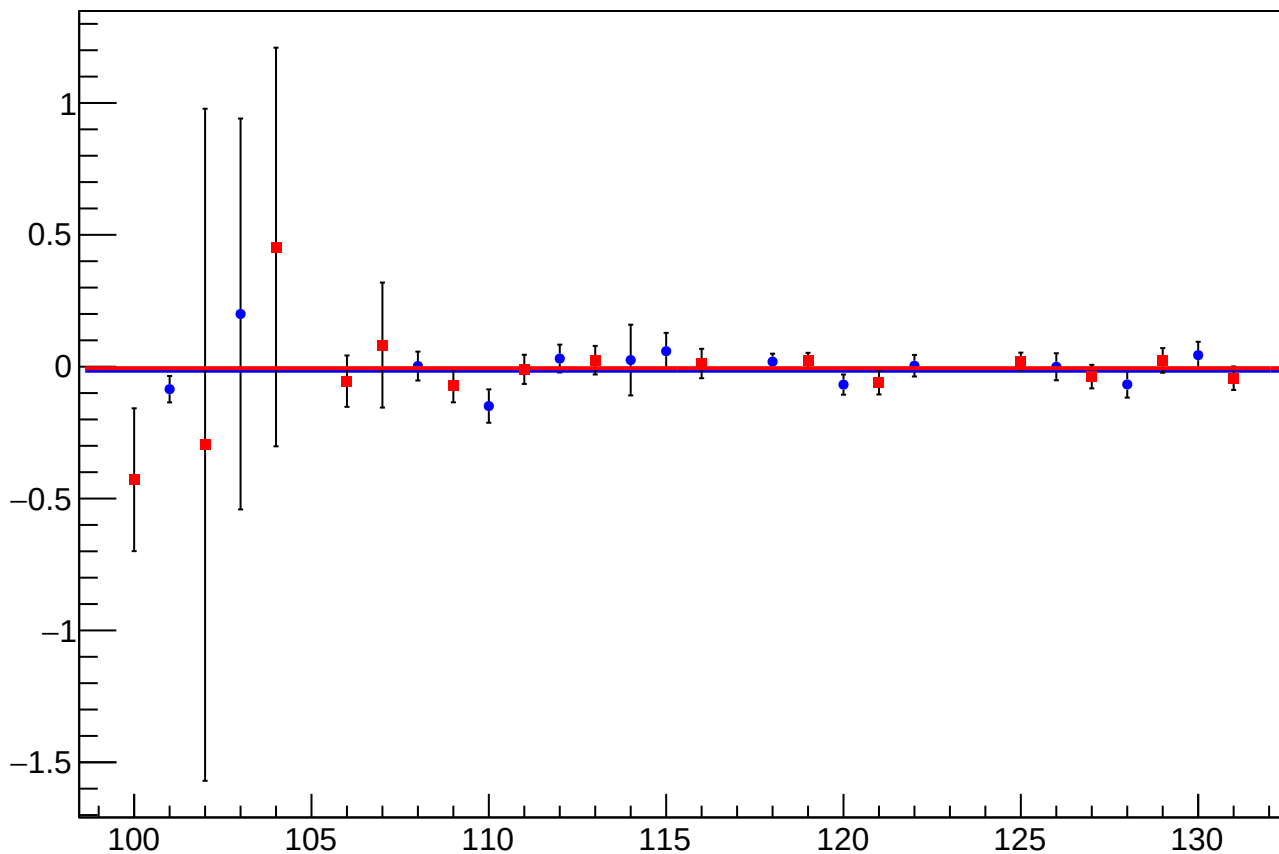
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.330+/-0.007 χ^2/NDF : 4123155.9/27

- 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+/-0.014 χ^2 /NDF: 14.5/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.006+/-0.014 χ^2 /NDF: 9.5/14

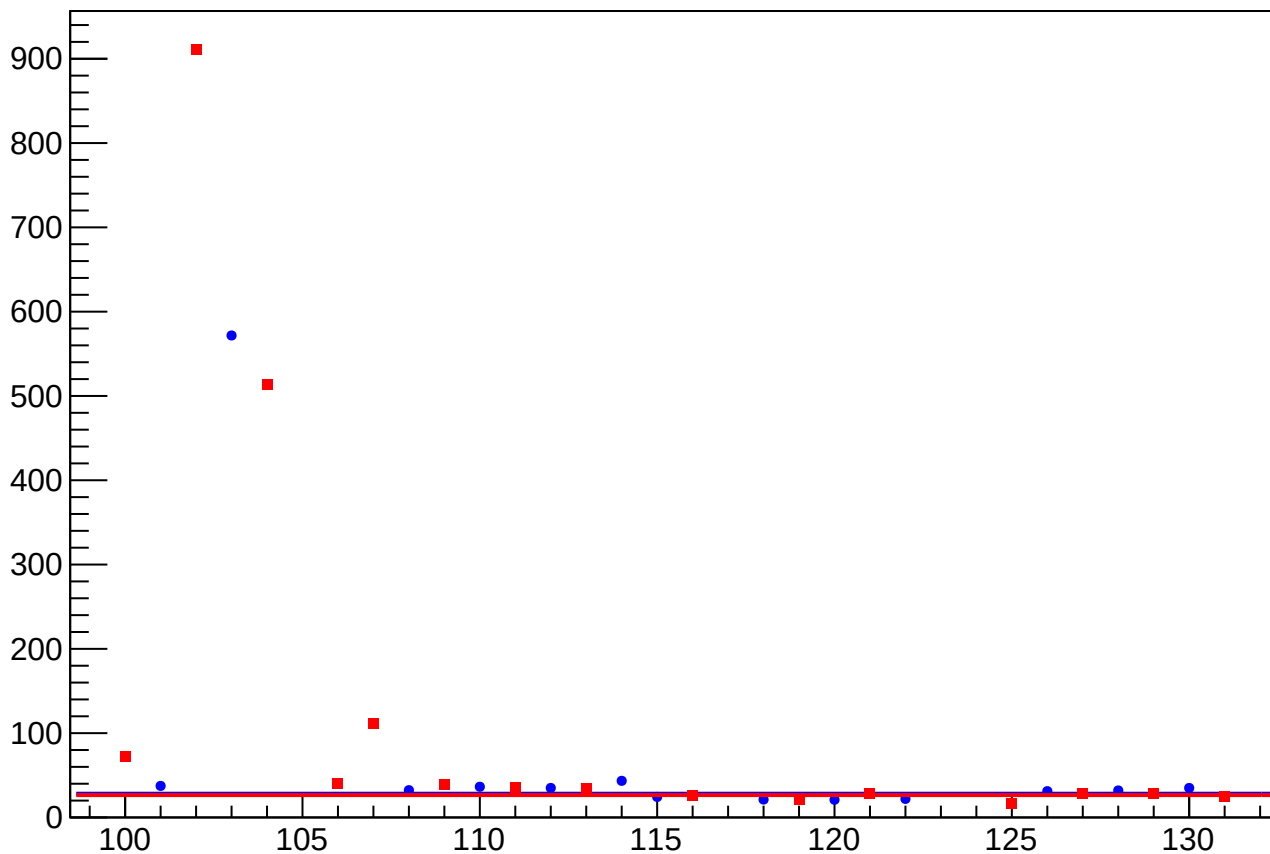
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.010+/-0.010 χ^2 /NDF: 24.3/27

- 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: 28.157+/-0.010 χ^2/NDF : 1529314.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.548+/-0.010 χ^2/NDF : 2580143.0/14

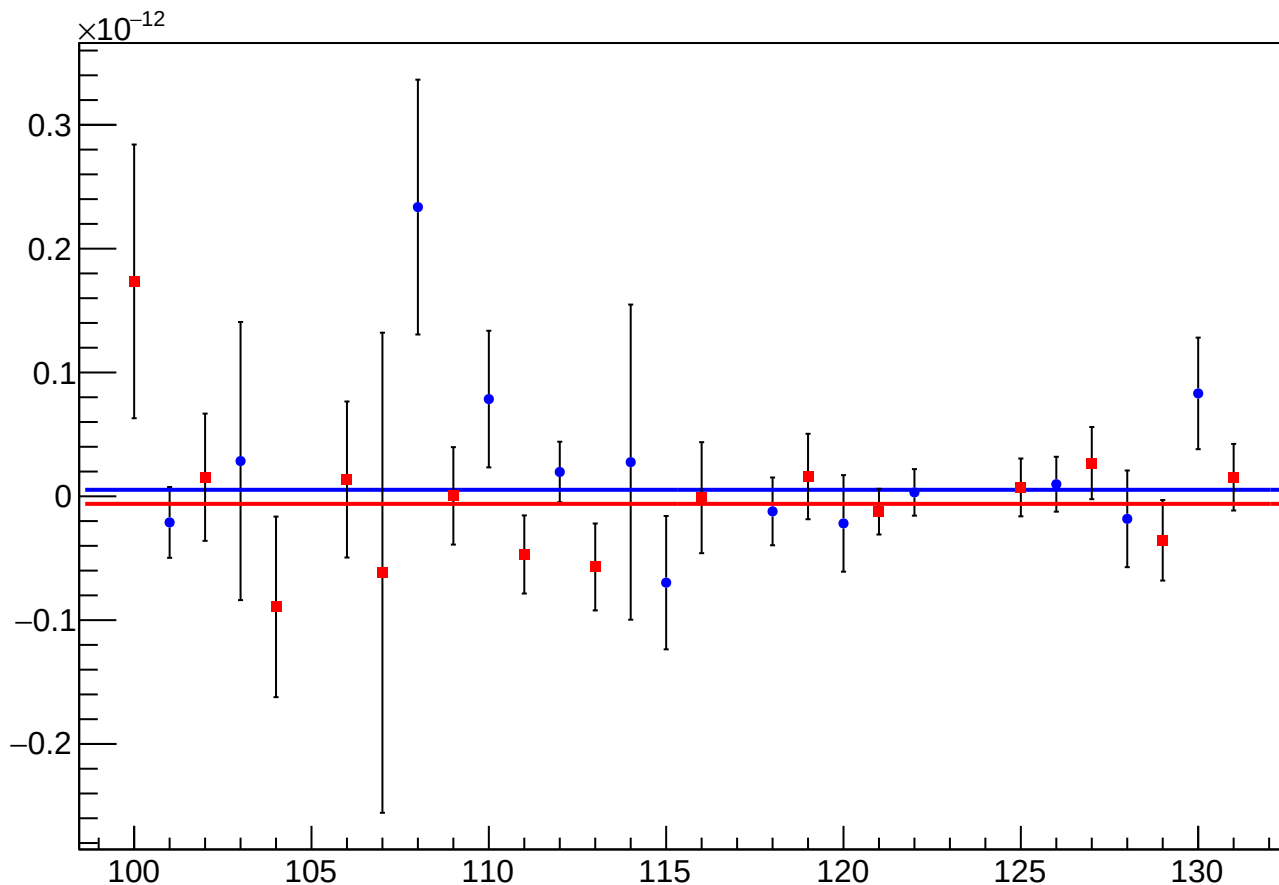
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.330+/-0.007 χ^2/NDF : 4123155.9/27

- 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: 14.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.7/14

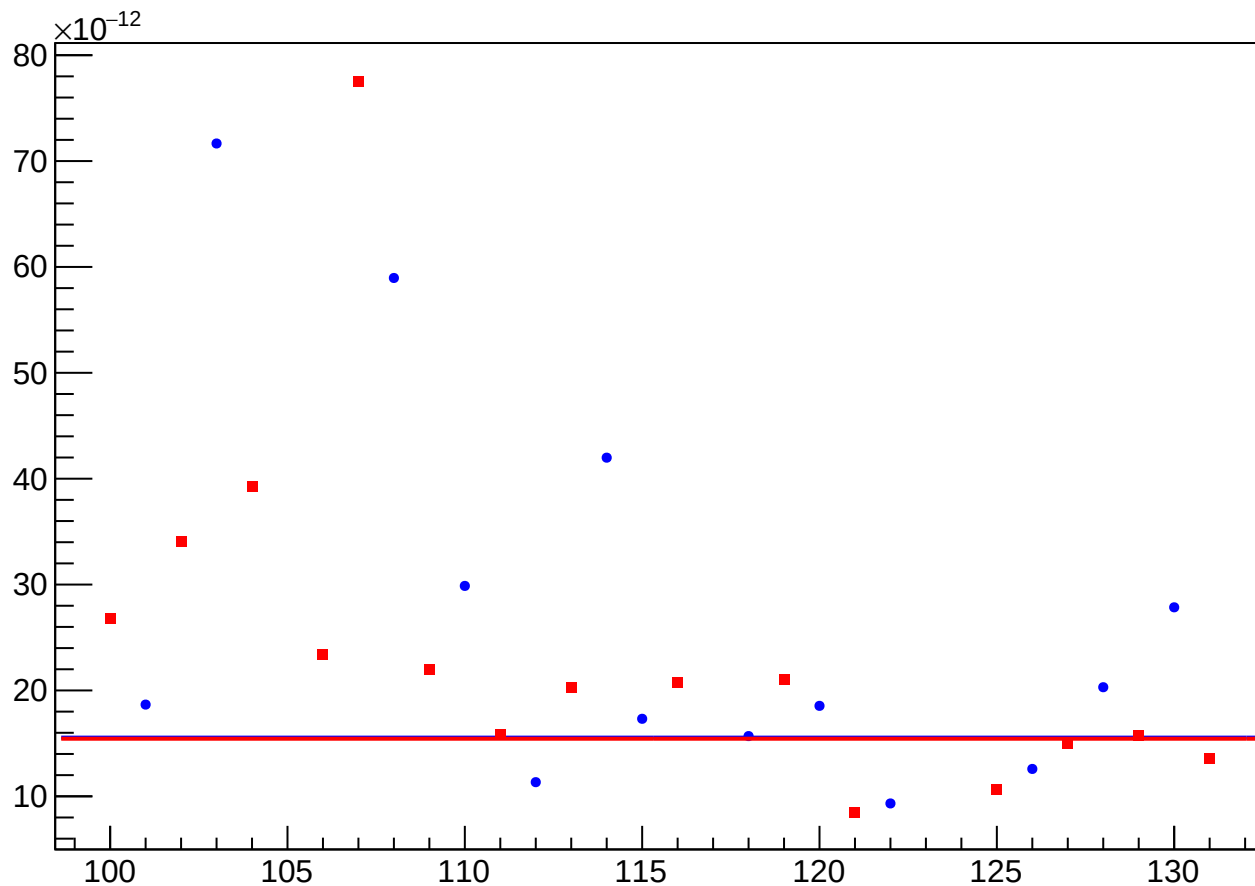
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 26.7/27

- 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: 1607423.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1290476.3/14

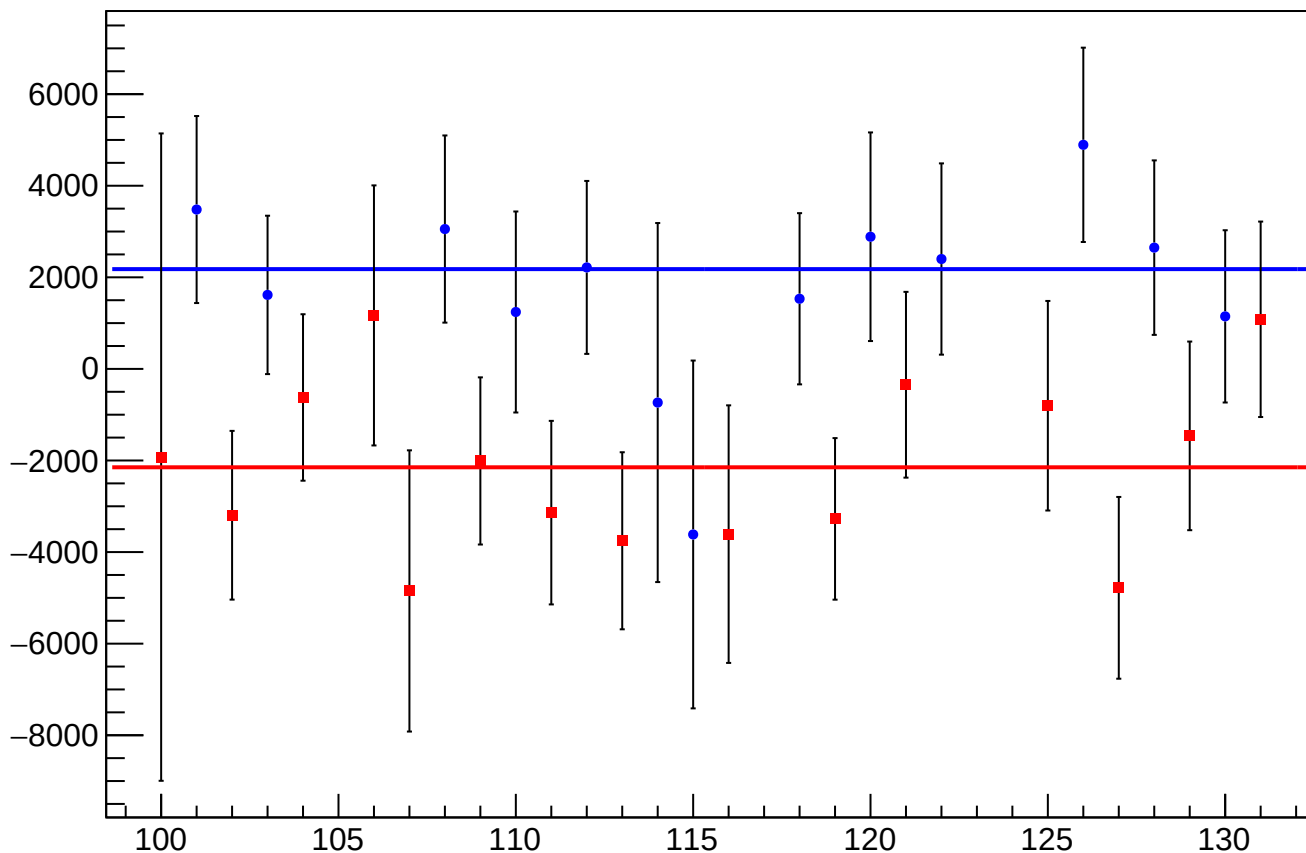
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2898034.1/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_avg_mean vs Slug



Right In: 2179.095 $\pm$ 584.772 χ^2 /NDF: 6.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2148.686 $\pm$ 554.277 χ^2 /NDF: 10.1/14

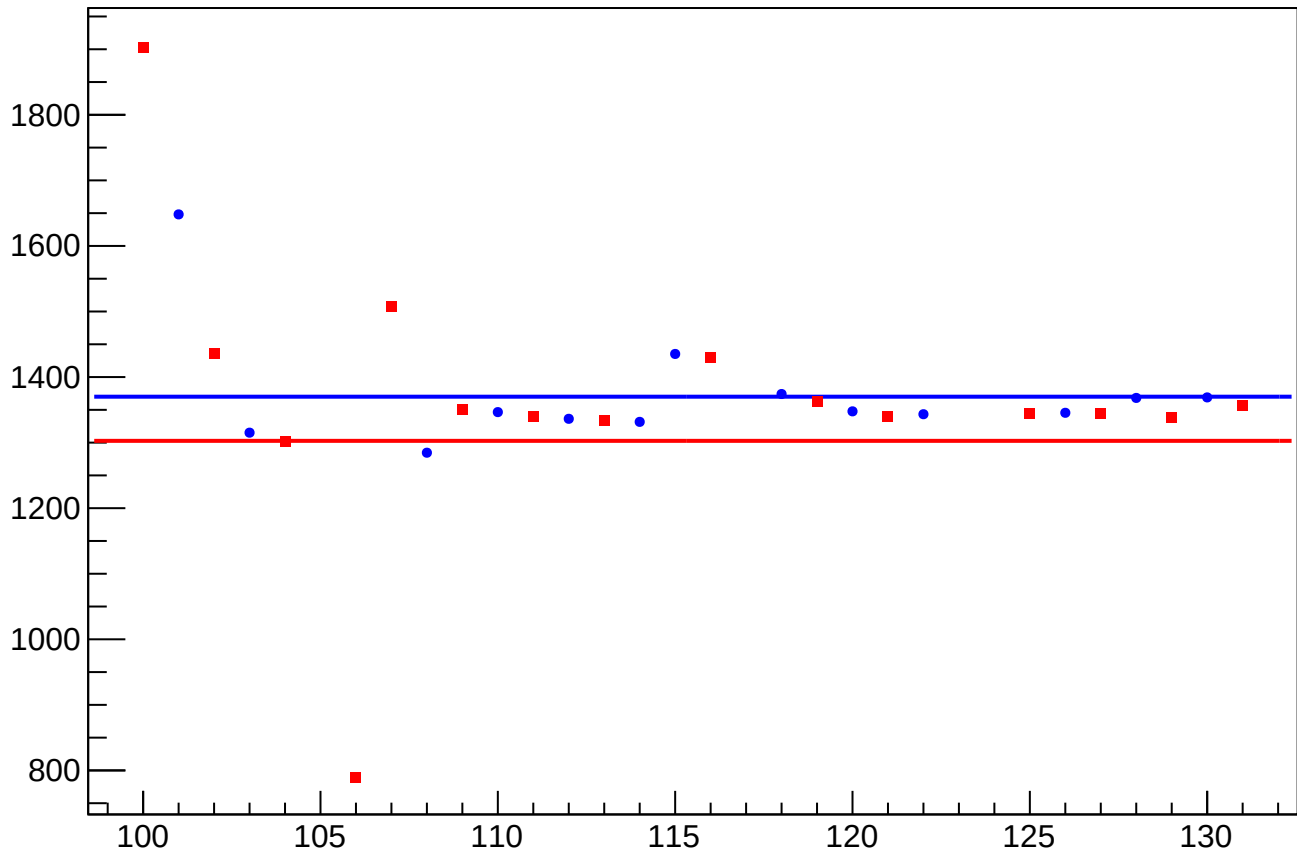
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -100.575 $\pm$ 402.282 χ^2 /NDF: 44.9/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_avg_rms vs Slug



Right In: 1370.065 $\pm$ 0.413 χ^2 /NDF: 45041.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1302.705 $\pm$ 0.378 χ^2 /NDF: 240009.9/14

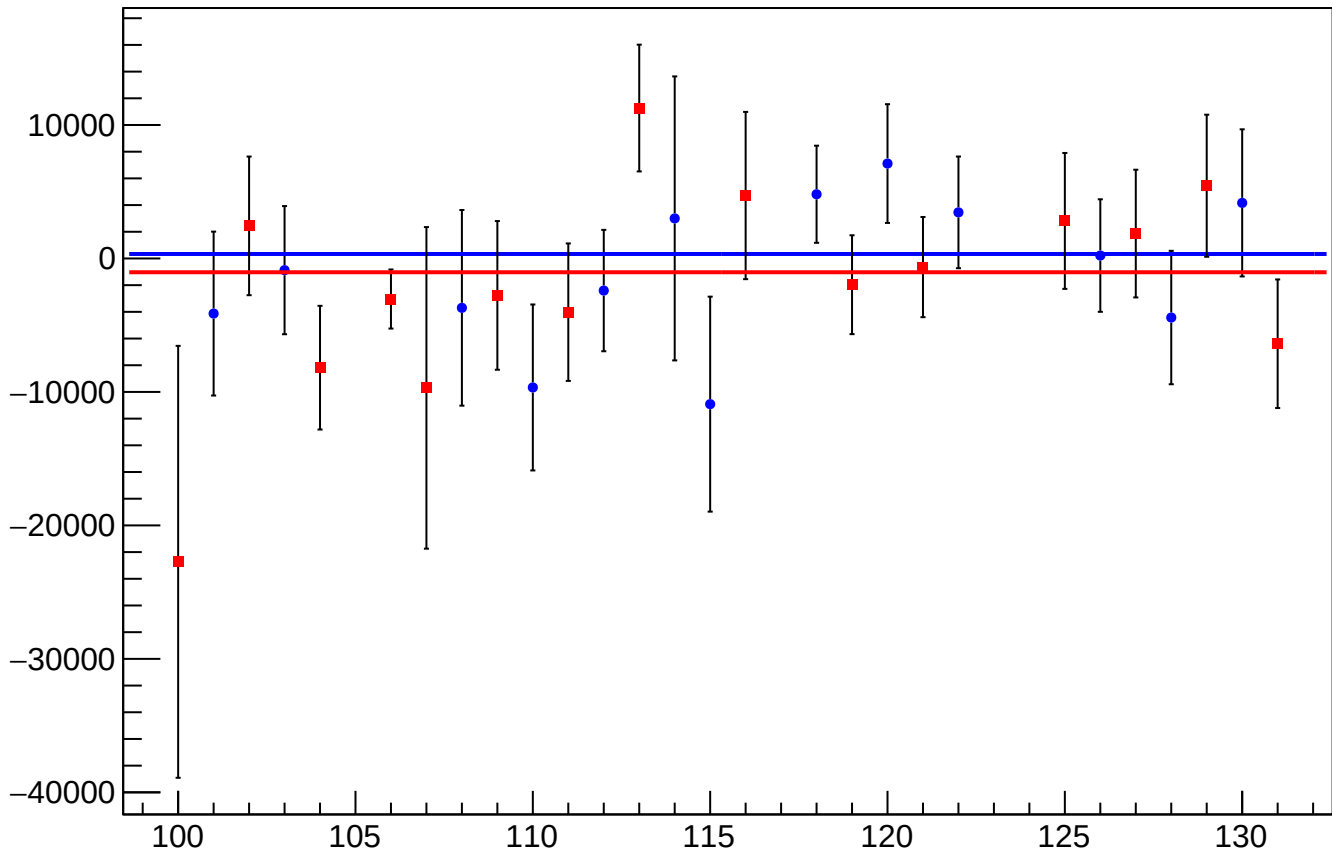
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1333.376 $\pm$ 0.279 χ^2 /NDF: 299505.0/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_reg_correction_mean vs Slug



Right In: 335.673+/-1415.051 χ^2 /NDF: 11.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1033.330+/-1160.419 χ^2 /NDF: 17.7/14

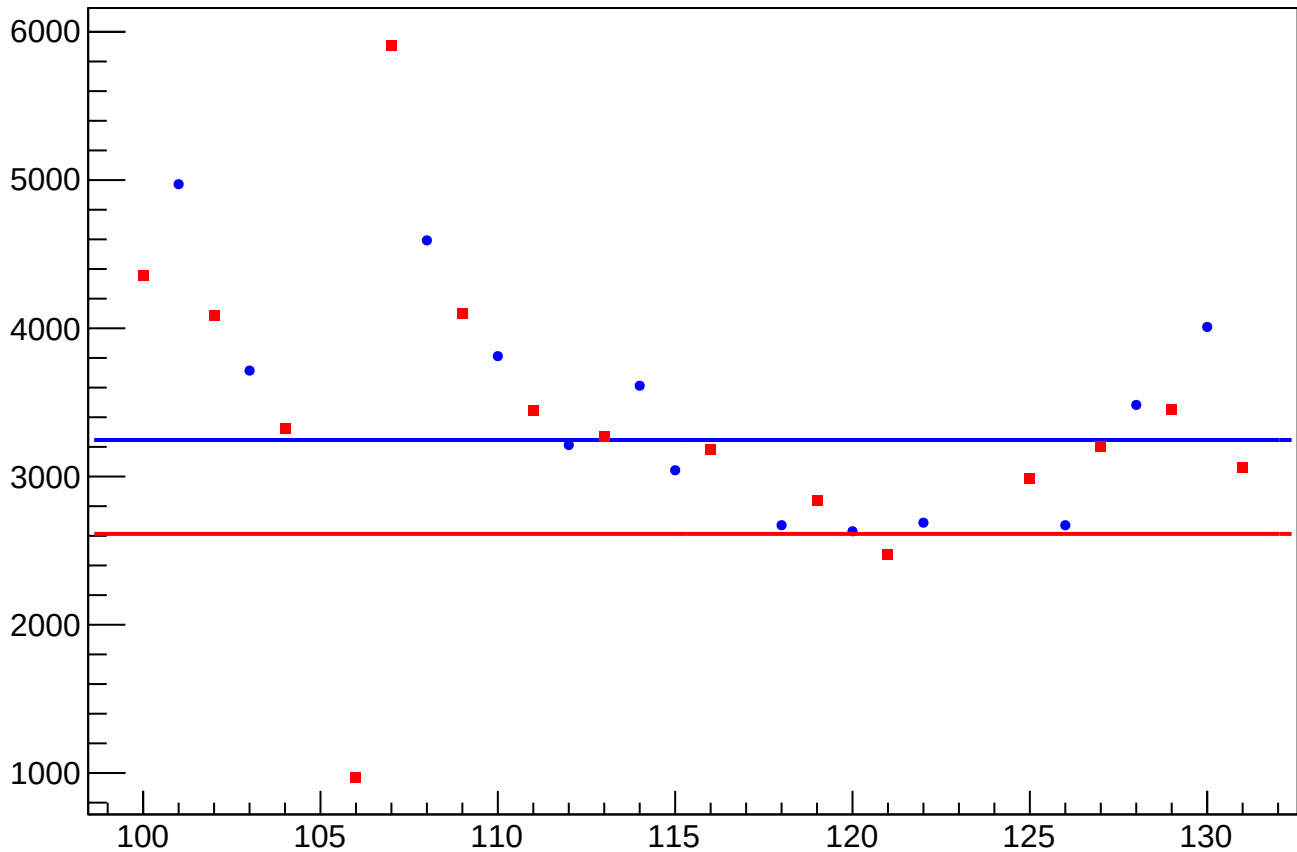
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -482.869+/-897.291 χ^2 /NDF: 29.9/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_reg_correction_rms vs Slug



Right In: 3246.666+/-1.001 χ^2/NDF : 468659.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2613.022+/-0.821 χ^2/NDF : 1849820.8/14

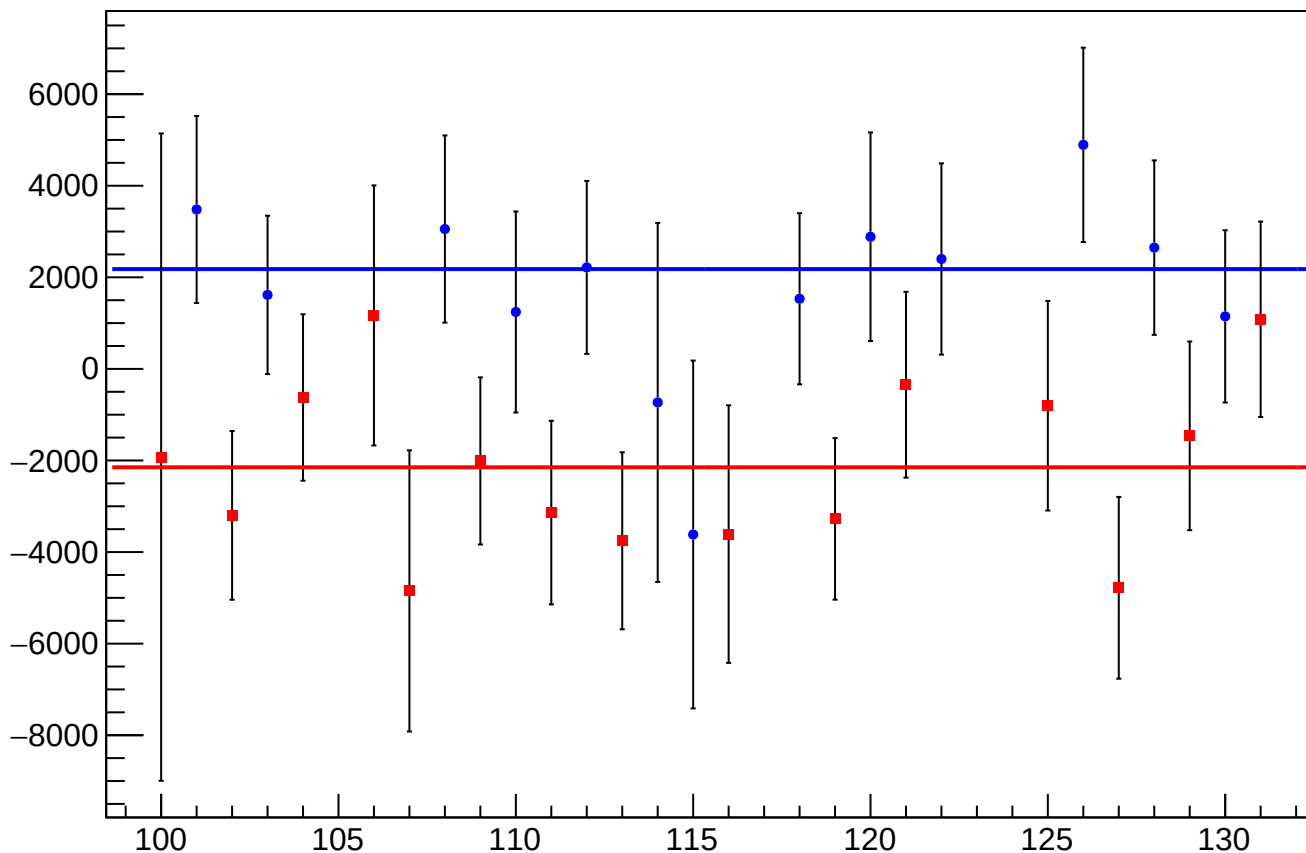
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2867.804+/-0.634 χ^2/NDF : 2558260.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl2_avg_mean vs Slug



Right In: 2179.238 $\pm$ 584.772 χ^2 /NDF: 6.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2148.862 $\pm$ 554.281 χ^2 /NDF: 10.1/14

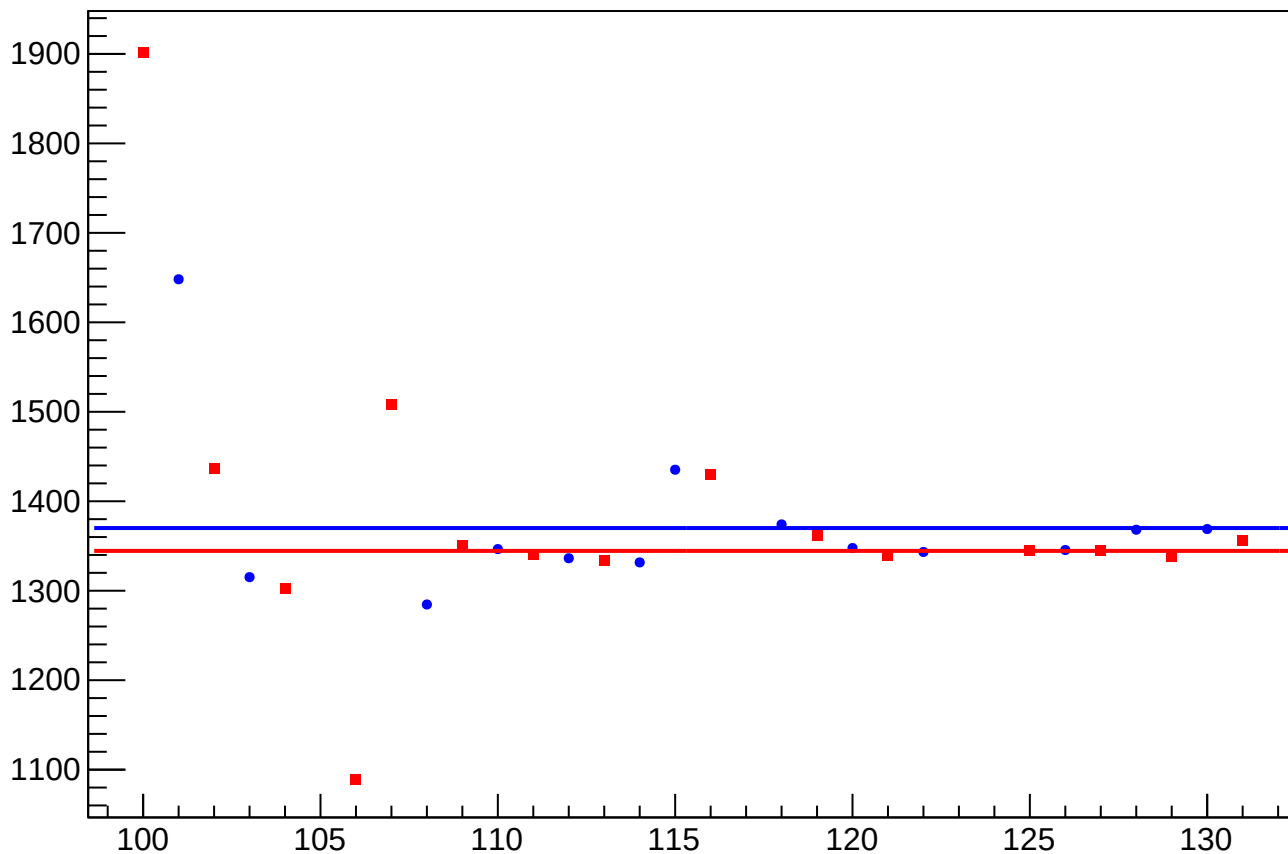
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -100.585 $\pm$ 402.283 χ^2 /NDF: 44.9/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usl_atl2_avg_rms vs Slug



Right In: 1370.065+/-0.413 χ^2/NDF : 45041.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1344.528+/-0.386 χ^2/NDF : 55708.9/14

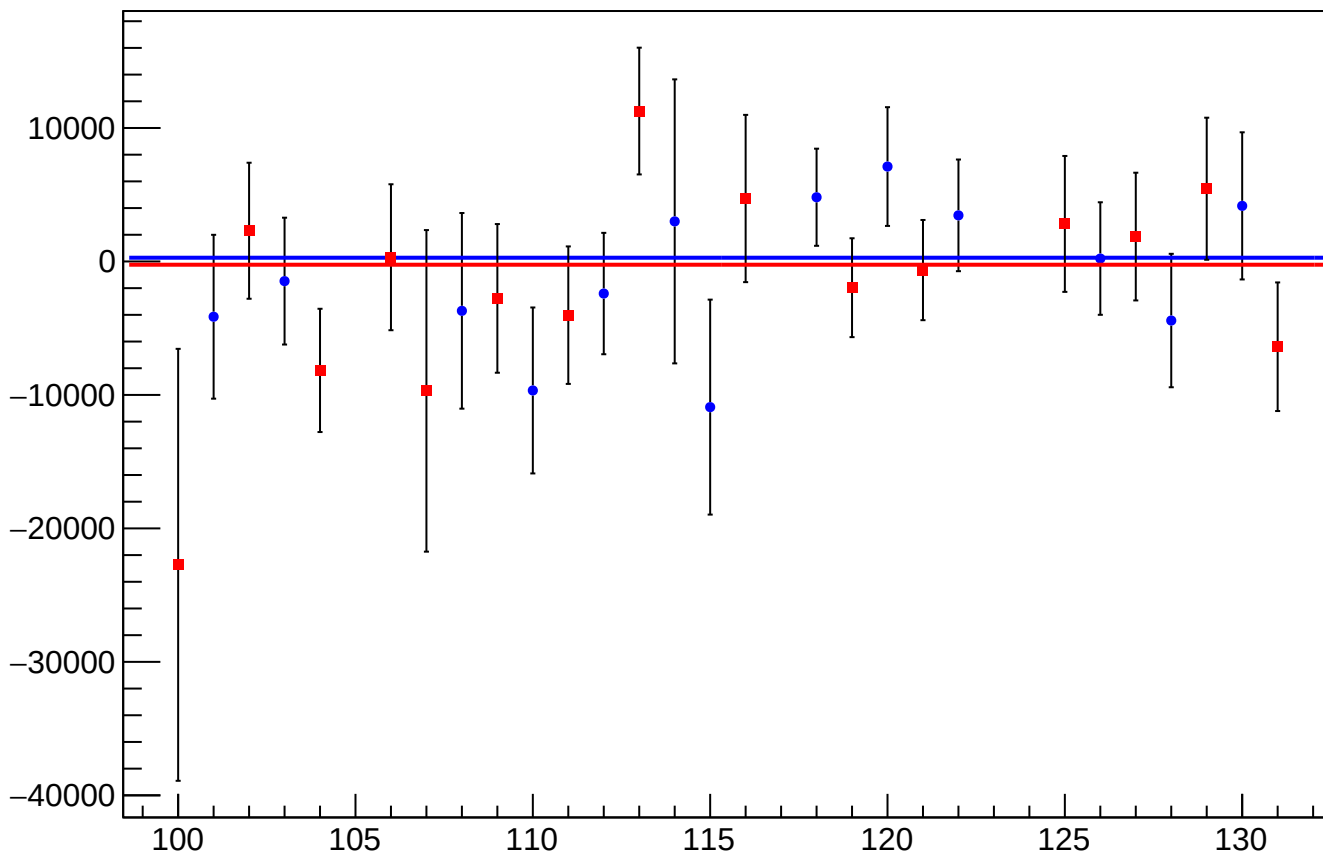
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1356.420+/-0.282 χ^2/NDF : 102787.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_cor_correction_mean vs Slug



Right In: 280.193 $\pm$ 1413.766 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -244.547 $\pm$ 1320.089 χ^2 /NDF: 16.6/14

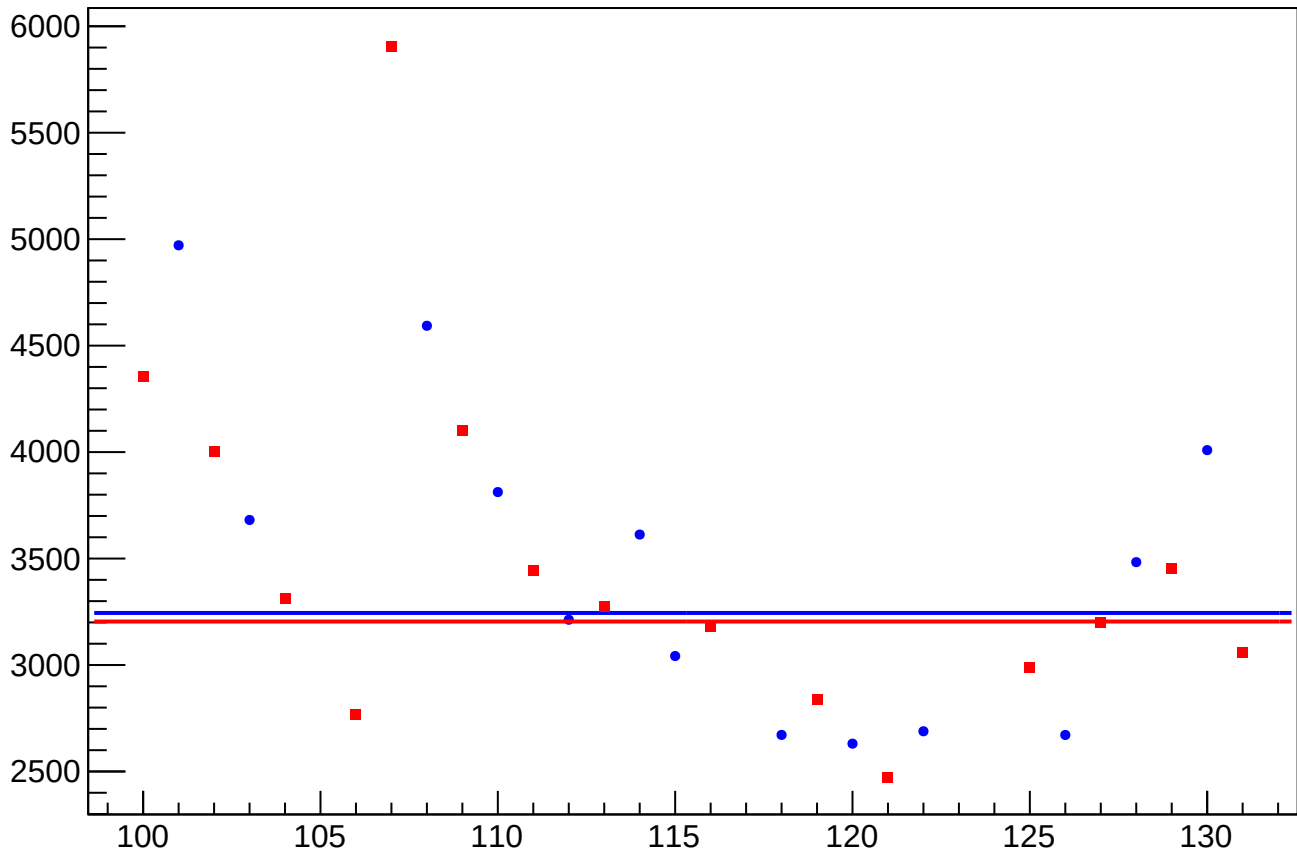
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.136 $\pm$ 964.863 χ^2 /NDF: 28.3/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_cor_correction_rms vs Slug



Right In: 3244.514+/-1.000 χ^2/NDF : 466240.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3204.228+/-0.933 χ^2/NDF : 334983.3/14

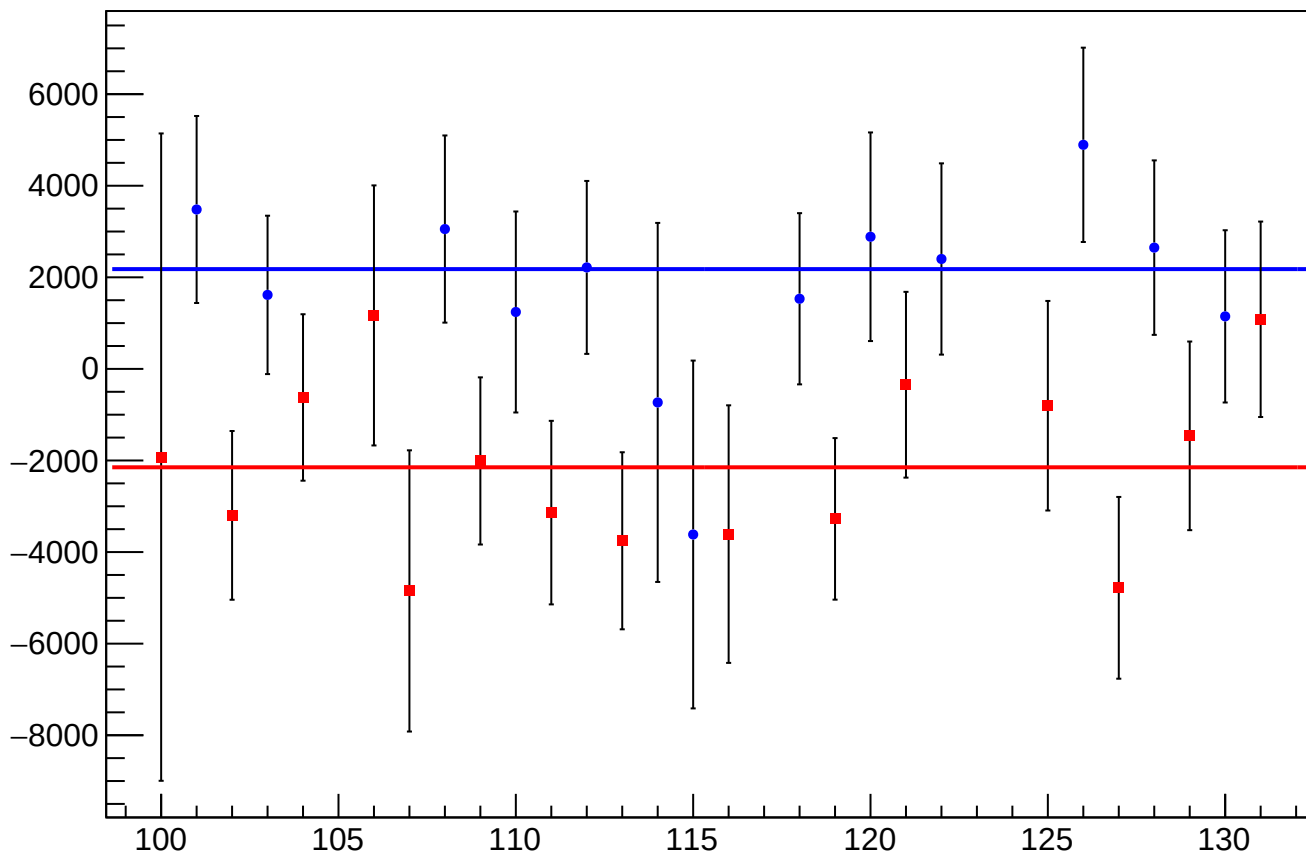
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3222.992+/-0.682 χ^2/NDF : 802091.7/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl2_avg_mean vs Slug



Right In: 2179.238 $\pm$ 584.772 χ^2 /NDF: 6.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2148.862 $\pm$ 554.281 χ^2 /NDF: 10.1/14

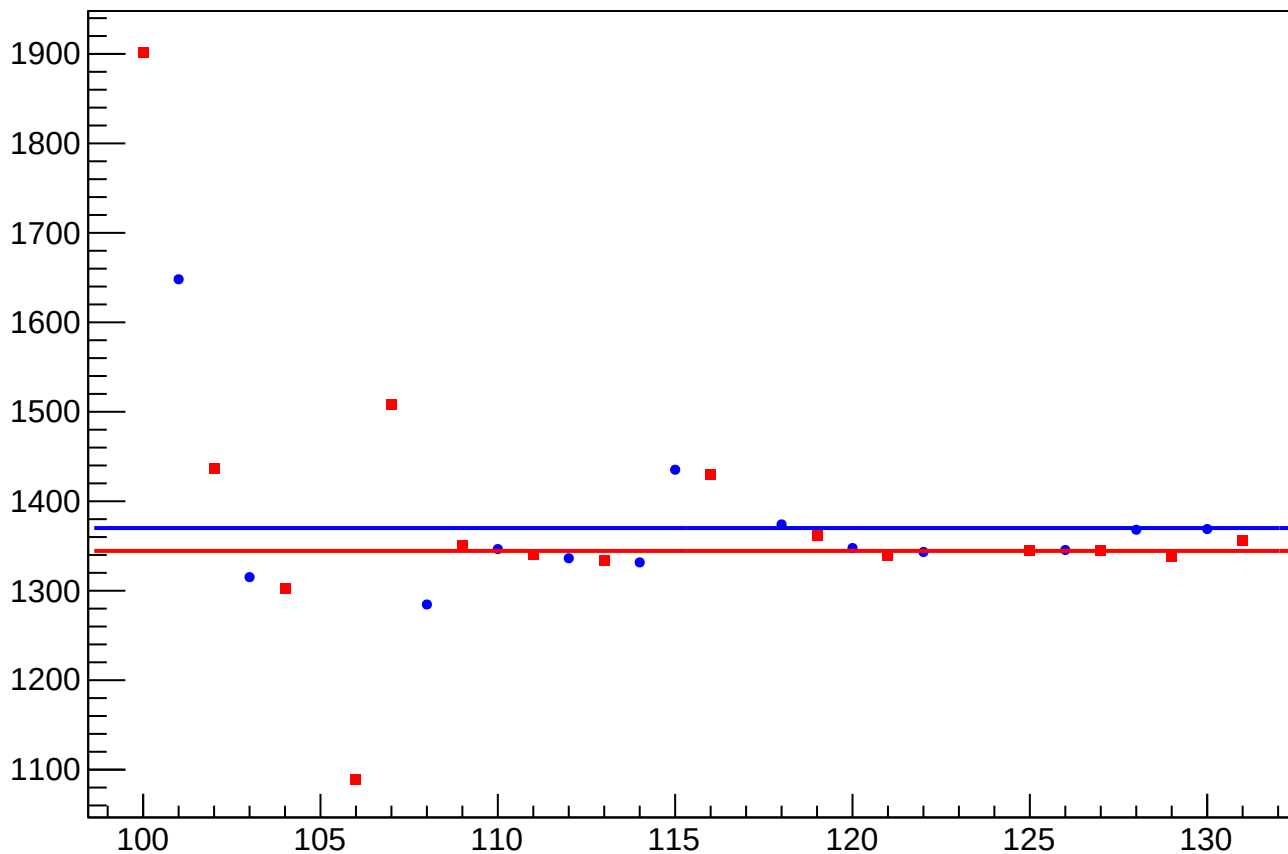
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -100.585 $\pm$ 402.283 χ^2 /NDF: 44.9/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usl_atl2_avg_rms vs Slug



Right In: 1370.065 $\pm$ 0.413 χ^2 /NDF: 45041.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1344.528 $\pm$ 0.386 χ^2 /NDF: 55708.9/14

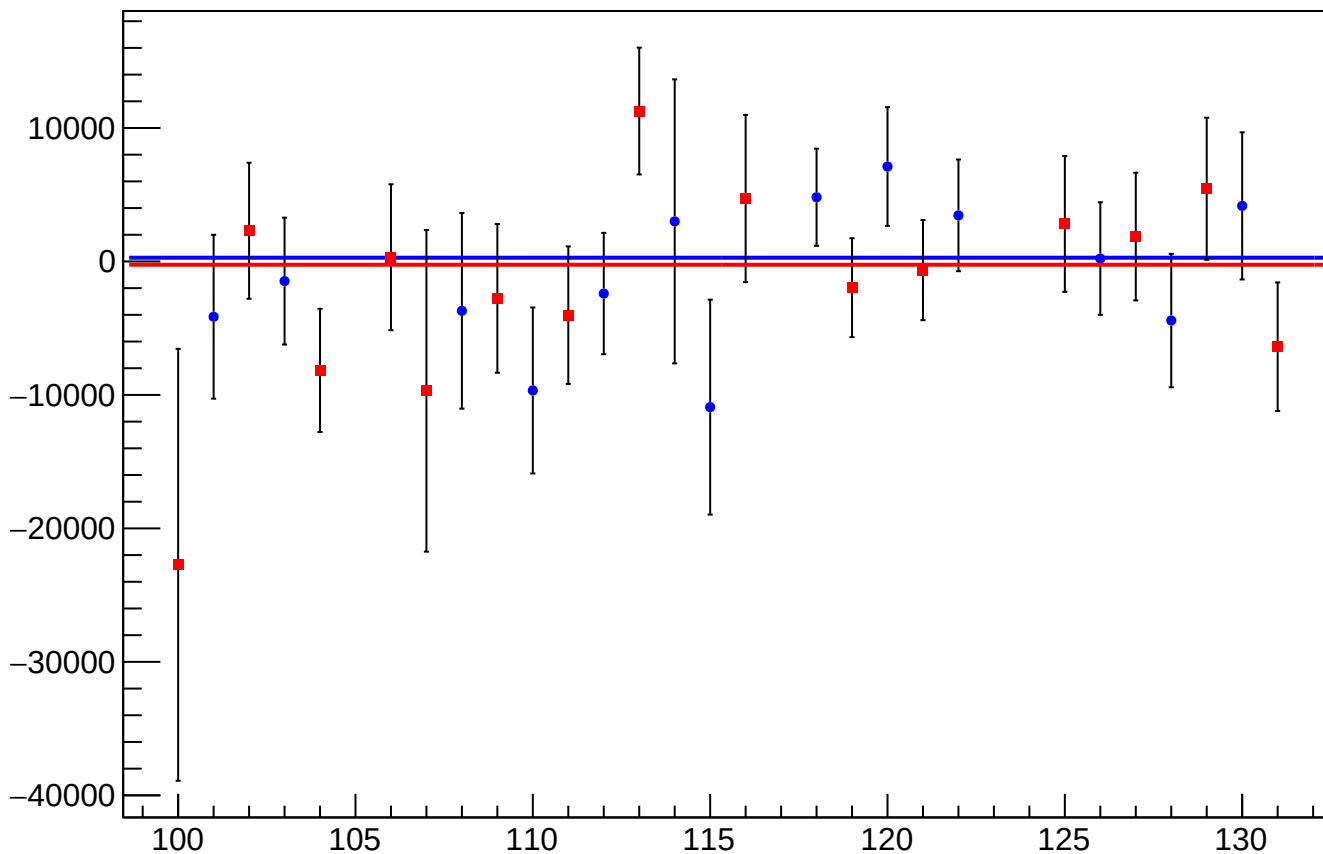
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1356.420 $\pm$ 0.282 χ^2 /NDF: 102787.9/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_cor_correction_mean vs Slug



Right In: 280.193 ± 1413.766 χ^2/NDF : 11.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -244.547 ± 1320.089 χ^2/NDF : 16.6/14

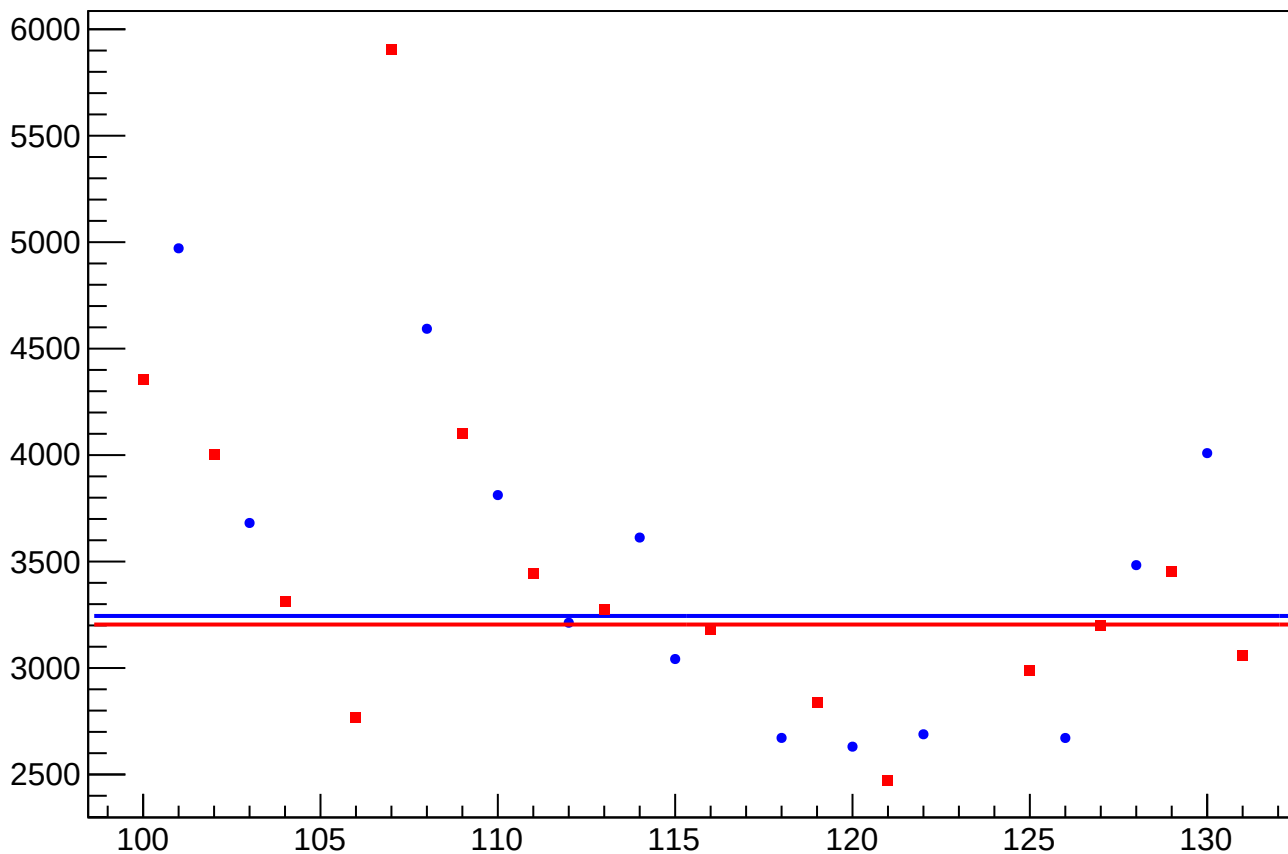
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.136 ± 964.863 χ^2/NDF : 28.3/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_cor_correction_rms vs Slug



Right In: 3244.514+/-1.000 χ^2/NDF : 466240.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3204.228+/-0.933 χ^2/NDF : 334983.3/14

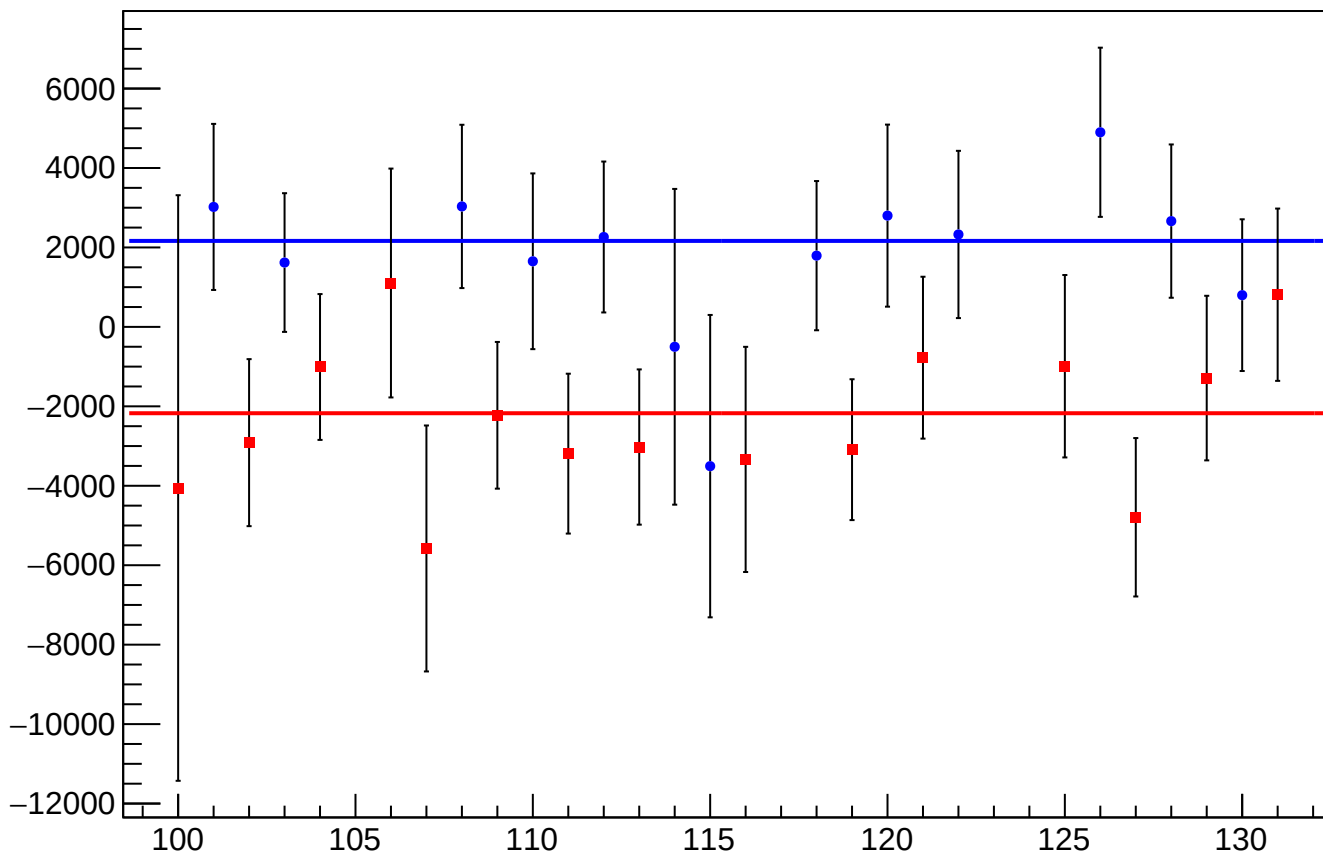
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3222.992+/-0.682 χ^2/NDF : 802091.7/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl2_avg_mean vs Slug



Right In: 2164.475+/-590.280 χ^2/NDF : 5.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2173.586+/-564.481 χ^2/NDF : 8.5/14

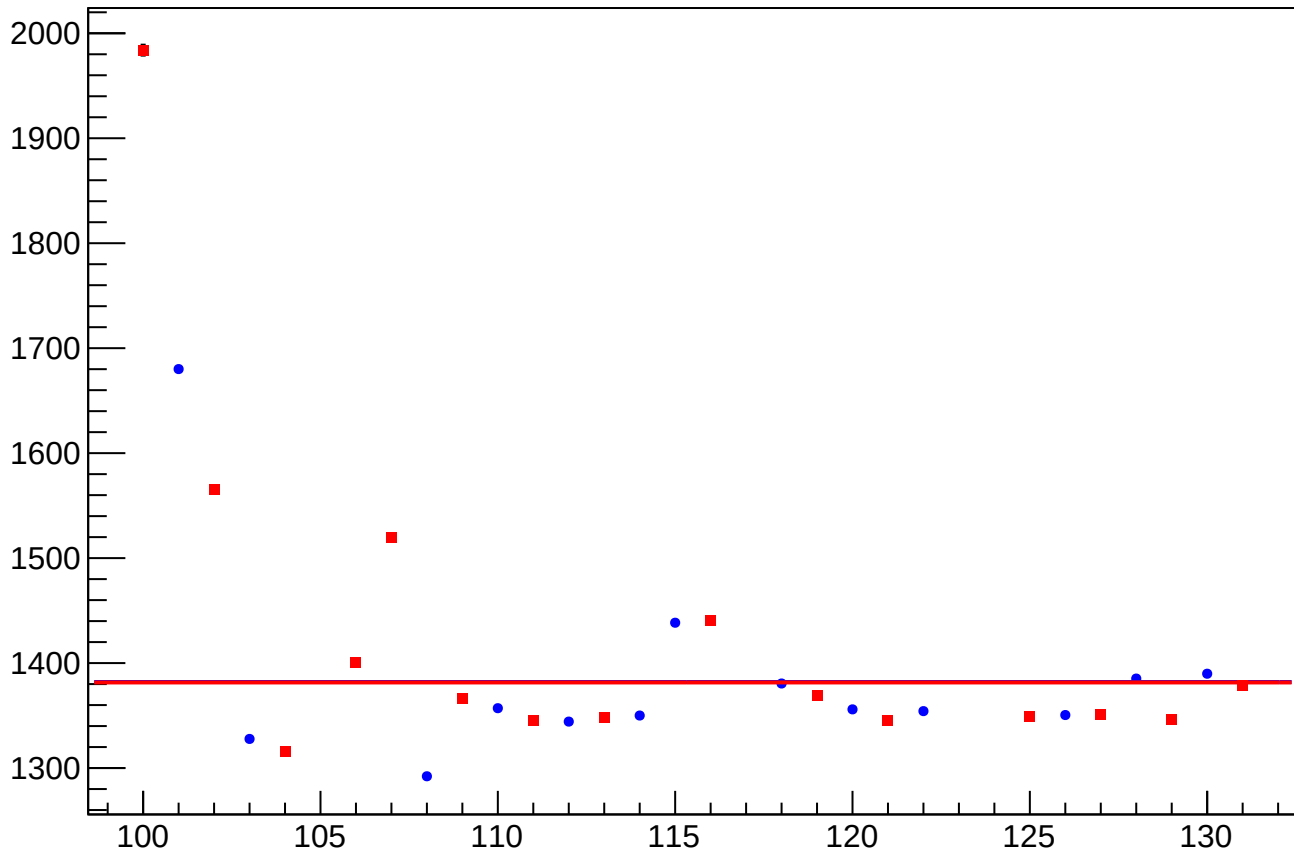
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.425+/-407.964 χ^2/NDF : 42.2/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl2_avg_rms vs Slug



Right In: 1381.966 $\pm$ 0.417 χ^2 /NDF: 49114.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1381.554 $\pm$ 0.398 χ^2 /NDF: 39708.3/14

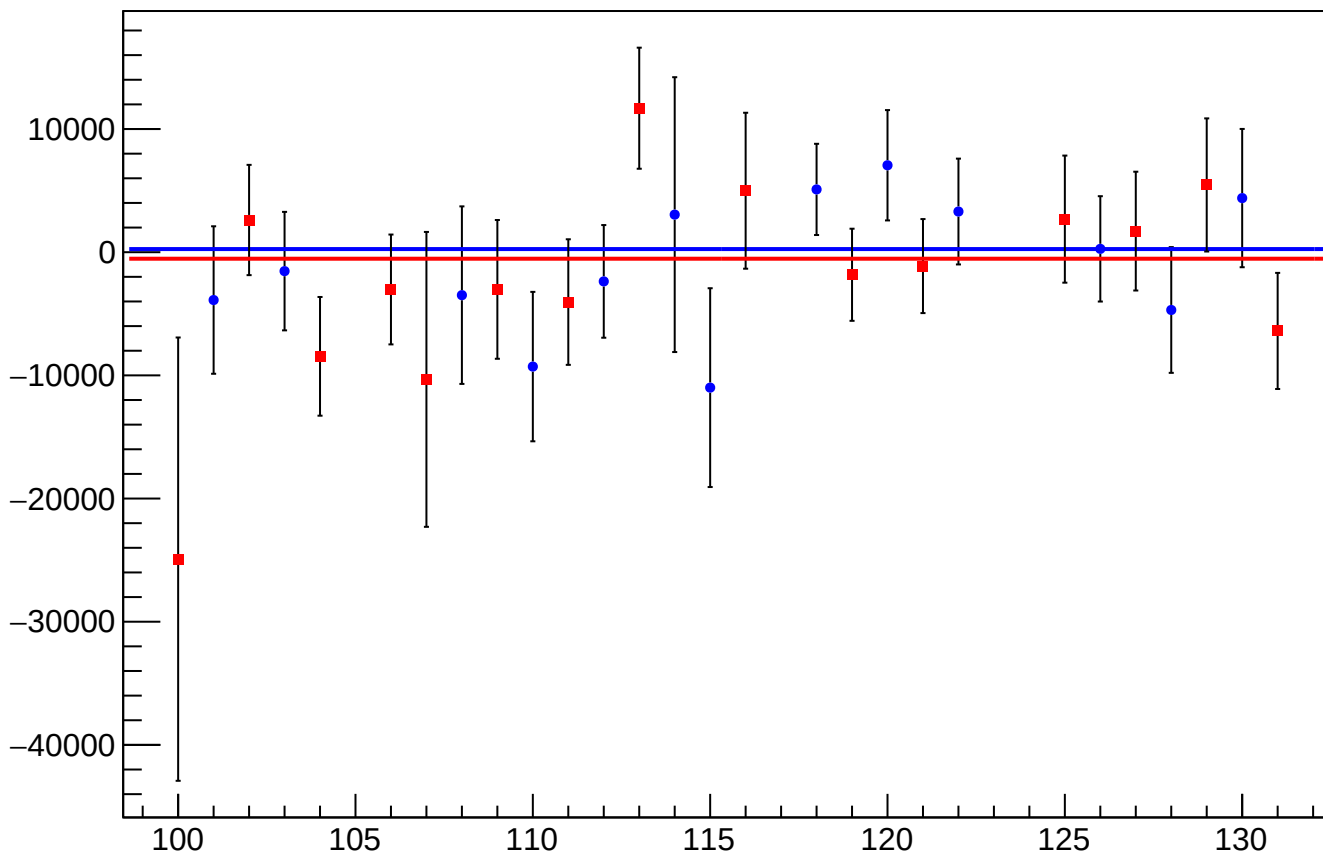
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1381.750 $\pm$ 0.288 χ^2 /NDF: 88823.7/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_dit_correction_mean vs Slug



Right In: 254.667 ± 1427.801 χ^2/NDF : 11.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -529.064 ± 1302.245 χ^2/NDF : 17.2/14

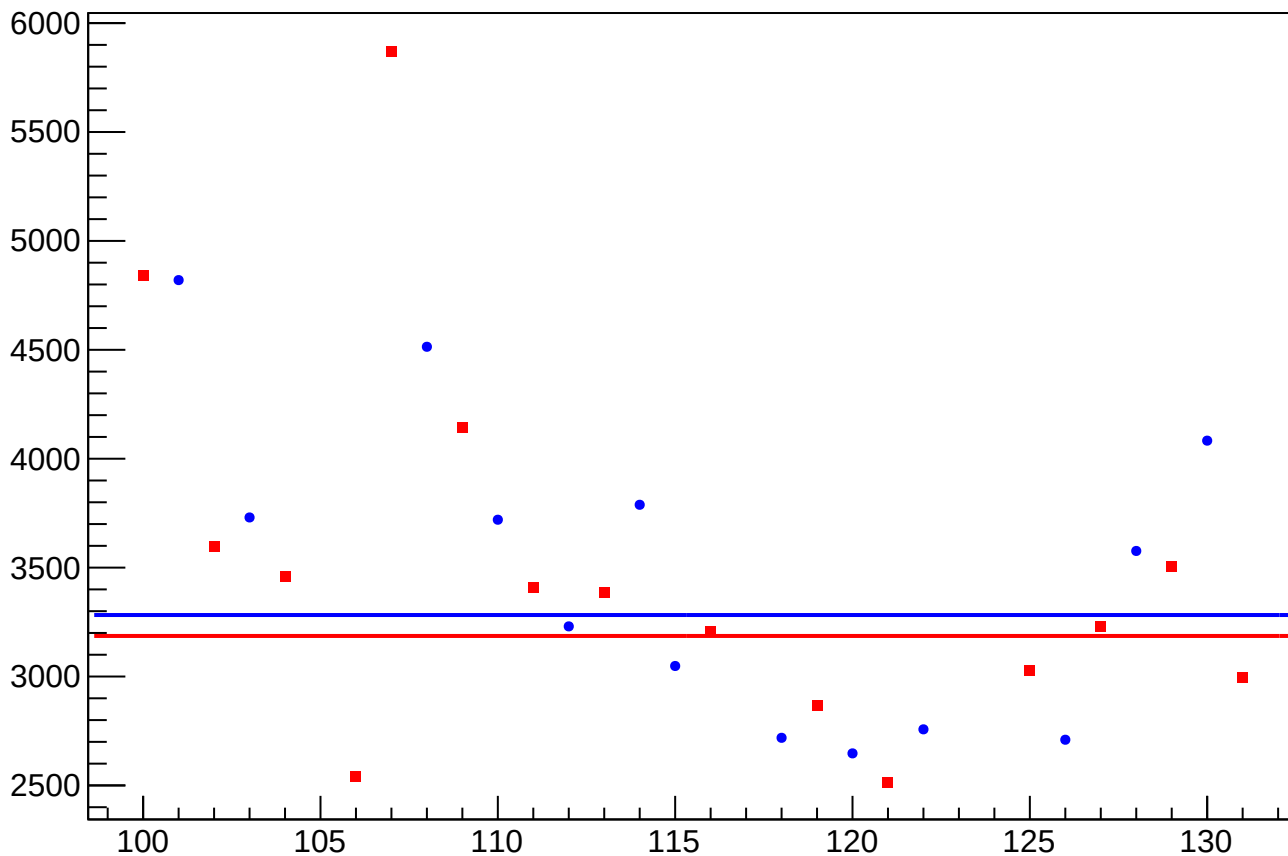
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -173.167 ± 962.158 χ^2/NDF : 29.0/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_dit_correction_rms vs Slug



Right In: 3282.379+/-1.010 χ^2/NDF : 423793.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3186.250+/-0.921 χ^2/NDF : 336705.2/14

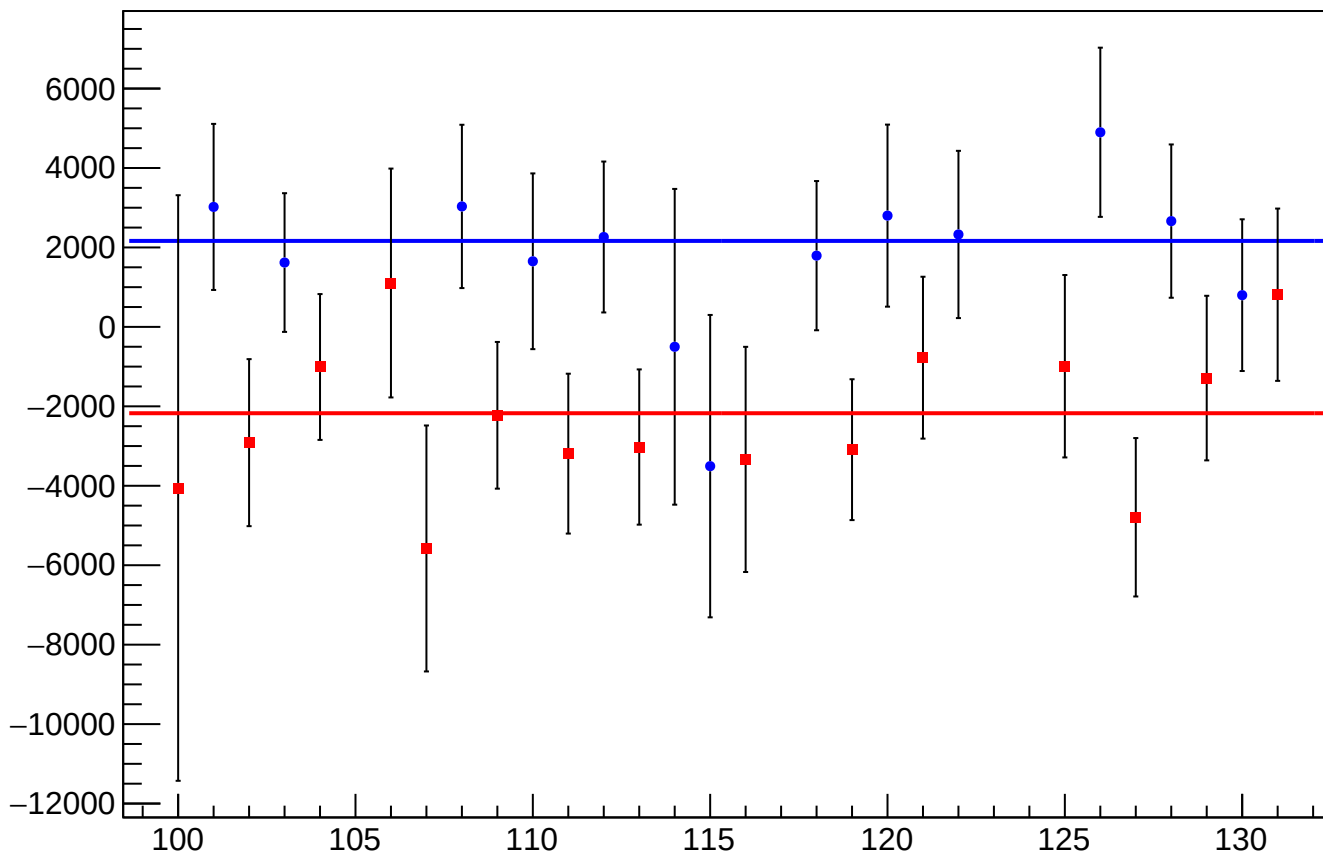
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3229.903+/-0.680 χ^2/NDF : 765447.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl2_avg_mean vs Slug



Right In: 2164.480+/-590.280 χ^2/NDF : 5.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2173.589+/-564.481 χ^2/NDF : 8.5/14

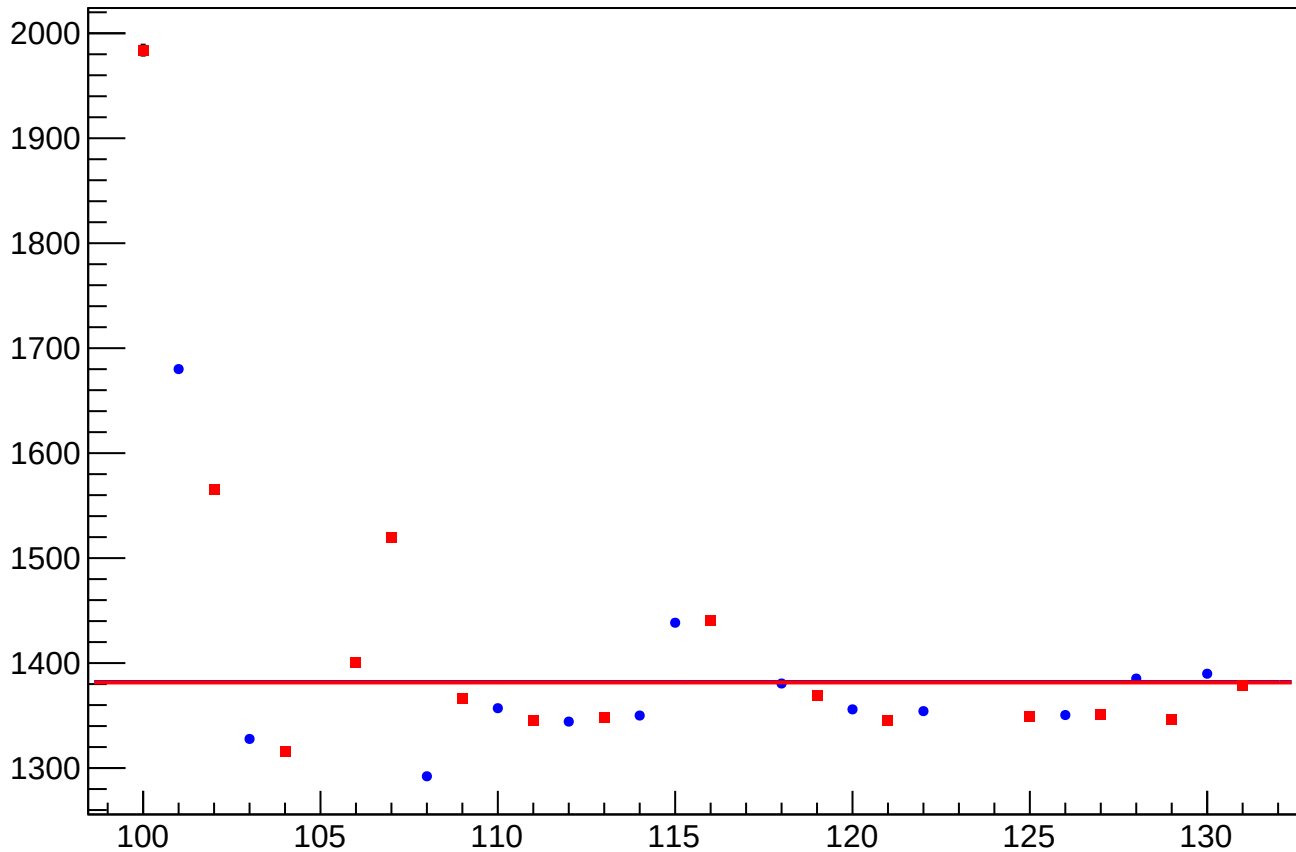
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.425+/-407.964 χ^2/NDF : 42.2/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl2_avg_rms vs Slug



Right In: 1381.966+/-0.417 χ^2/NDF : 49114.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1381.554+/-0.398 χ^2/NDF : 39708.4/14

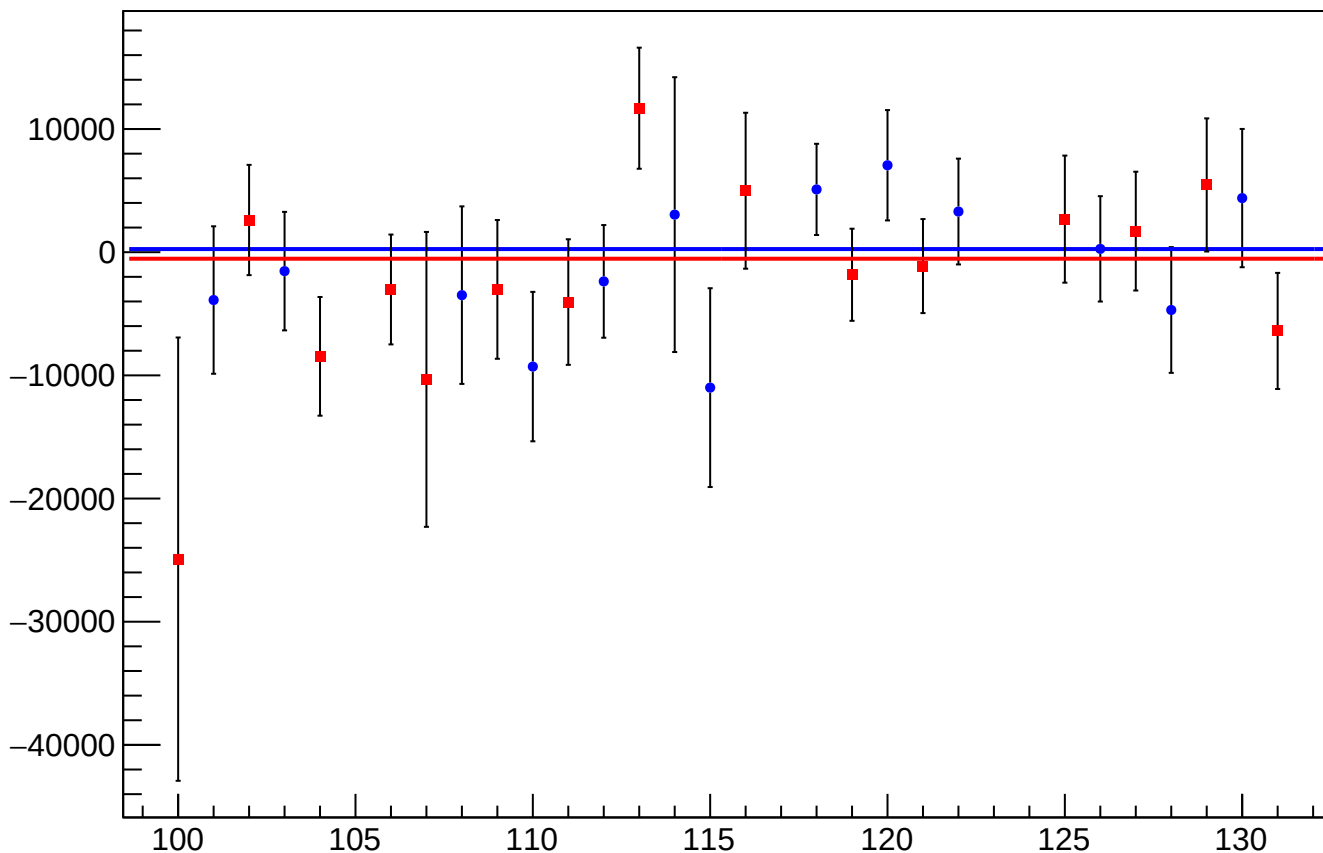
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1381.750+/-0.288 χ^2/NDF : 88823.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_dit_correction_mean vs Slug



Right In: 254.671 $\pm$ 1427.796 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -529.067 $\pm$ 1302.241 χ^2 /NDF: 17.2/14

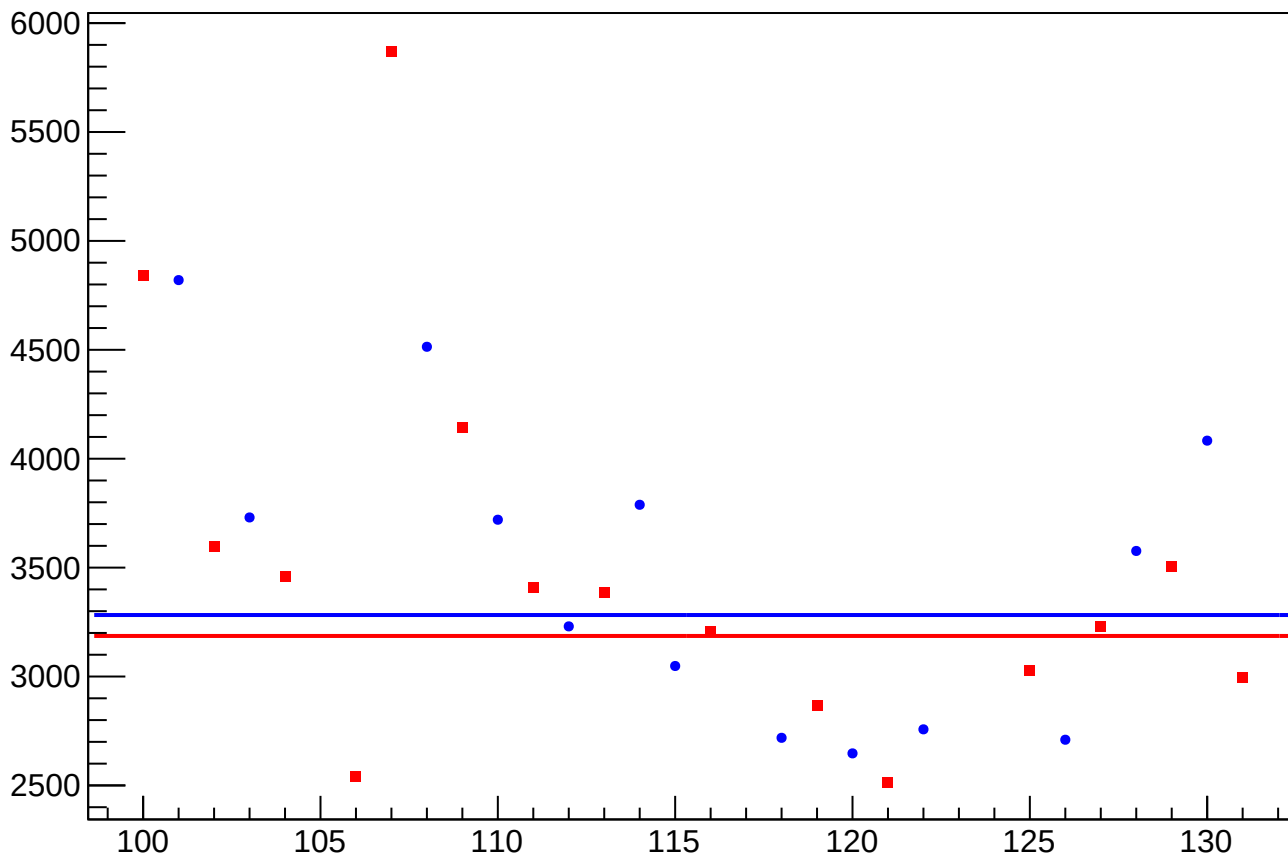
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -173.166 $\pm$ 962.155 χ^2 /NDF: 29.0/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_dit_correction_rms vs Slug



Right In: 3282.366+/-1.010 χ^2/NDF : 423798.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3186.240+/-0.921 χ^2/NDF : 336706.6/14

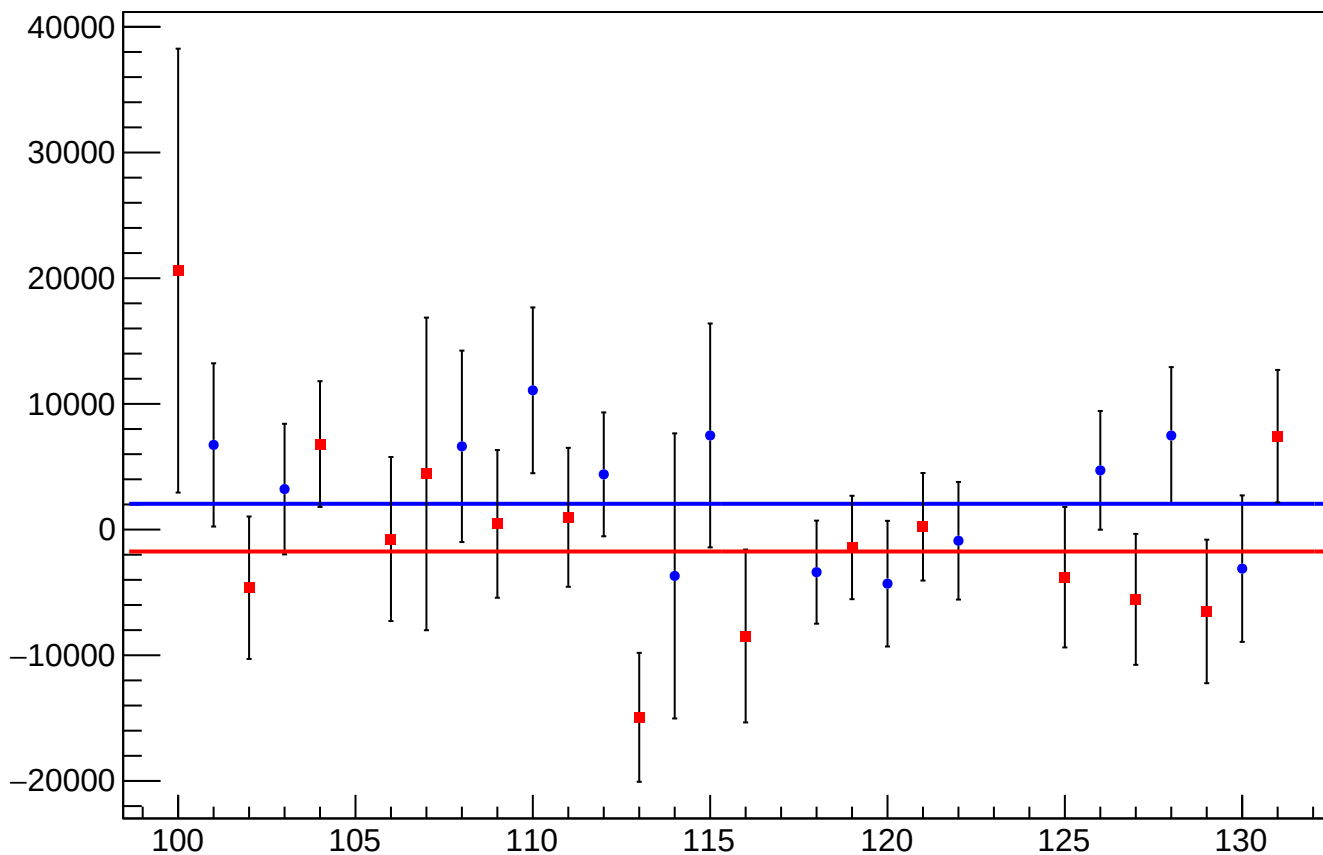
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3229.892+/-0.680 χ^2/NDF : 765453.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_mean vs Slug



Right In: 2051.206 $\pm$ 1550.851 χ^2 /NDF: 9.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1743.754 $\pm$ 1451.938 χ^2 /NDF: 17.6/14

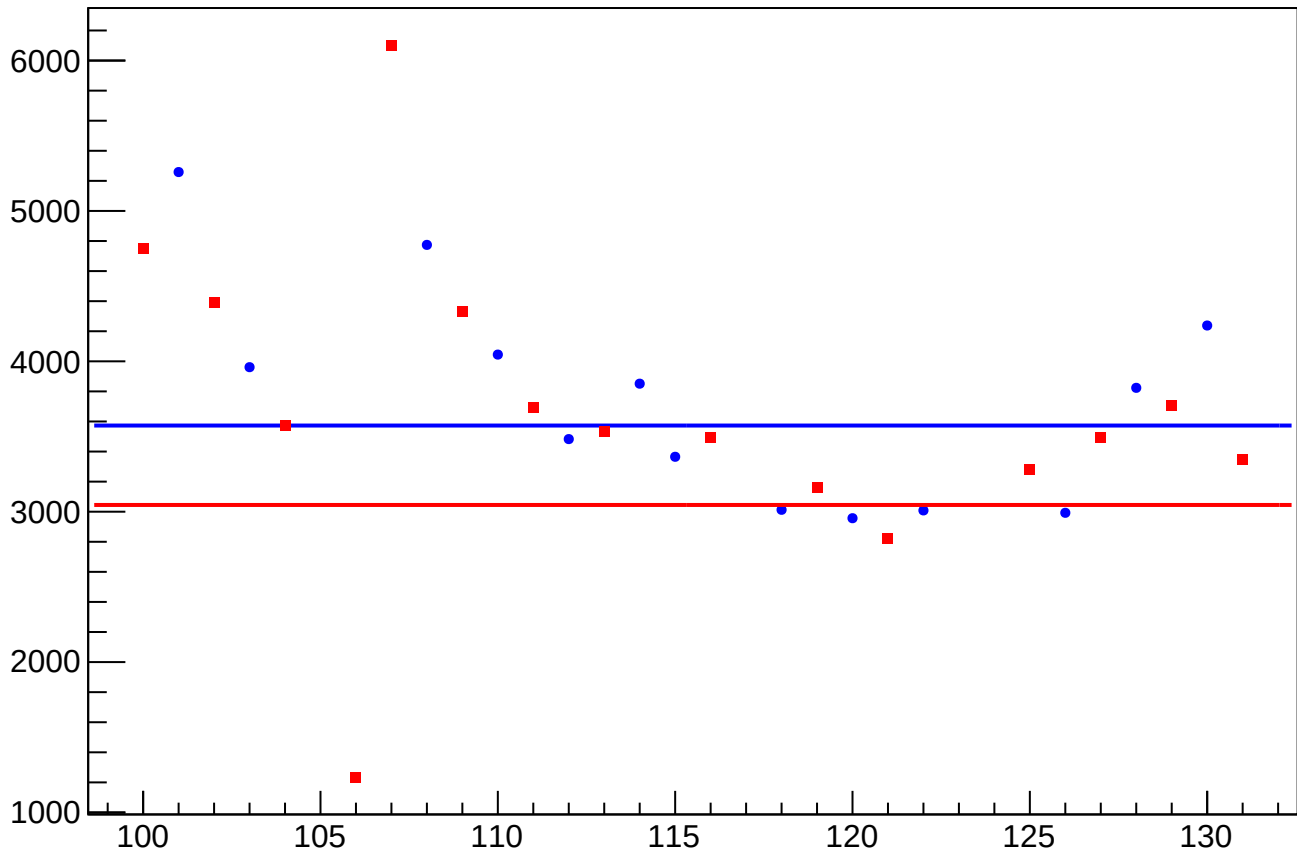
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.854 $\pm$ 1059.919 χ^2 /NDF: 30.3/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_rms vs Slug



Right In: 3572.976+/-1.097 χ^2/NDF : 366182.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

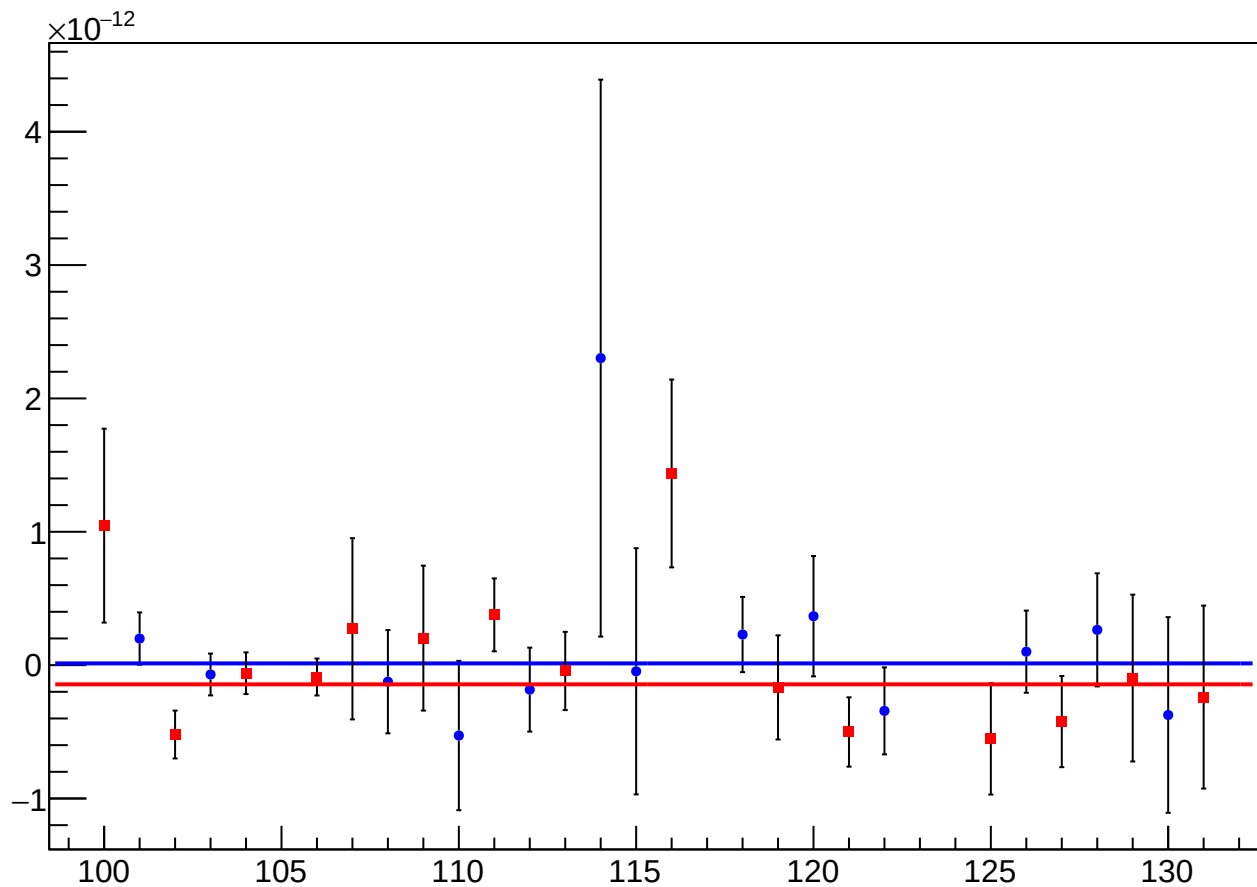
Right Out: 3044.824+/-0.933 χ^2/NDF : 1296706.0/14

All: 3266.506+/-0.710 χ^2/NDF : 1797486.9/27

- 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 : 6.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 20.6/14

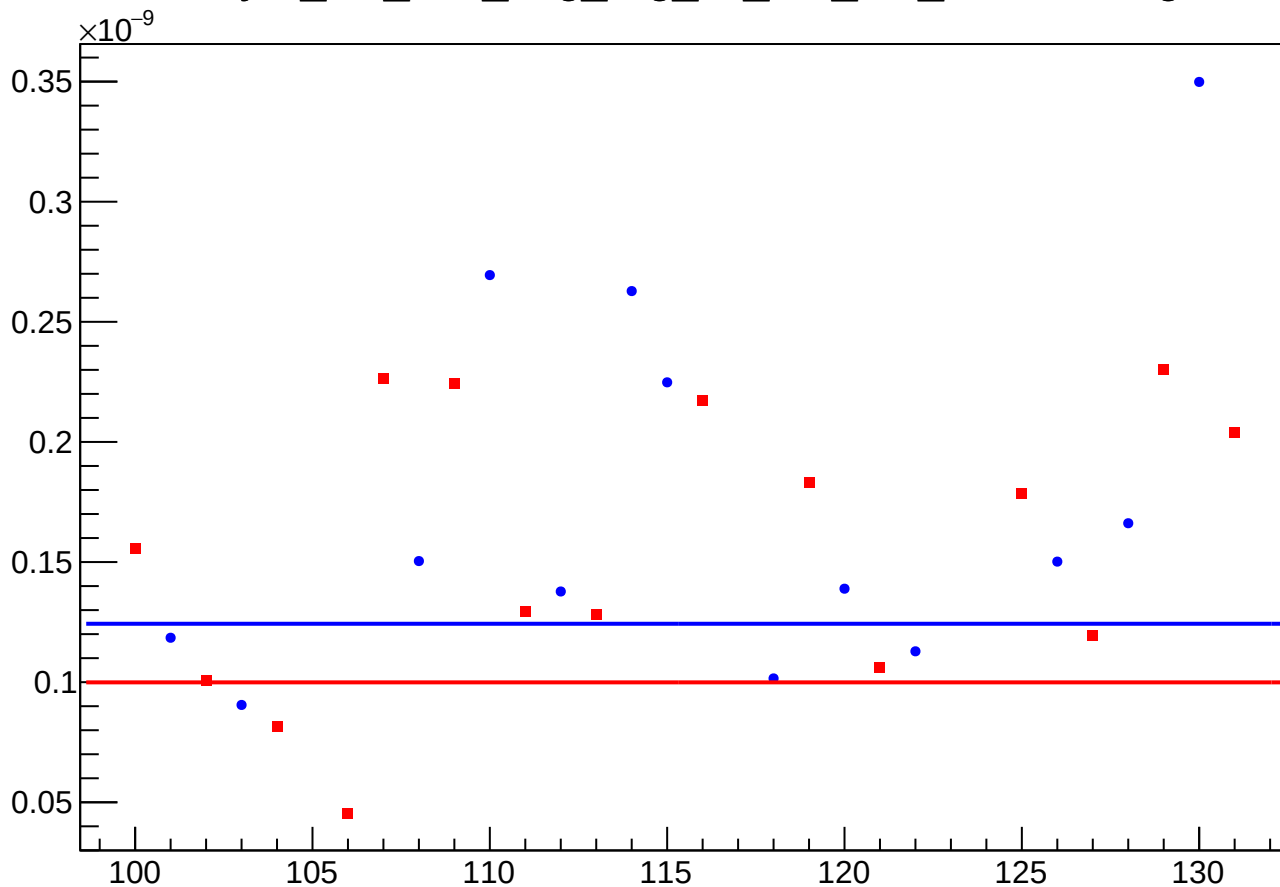
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 29.5/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 514363.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 923385.1/14

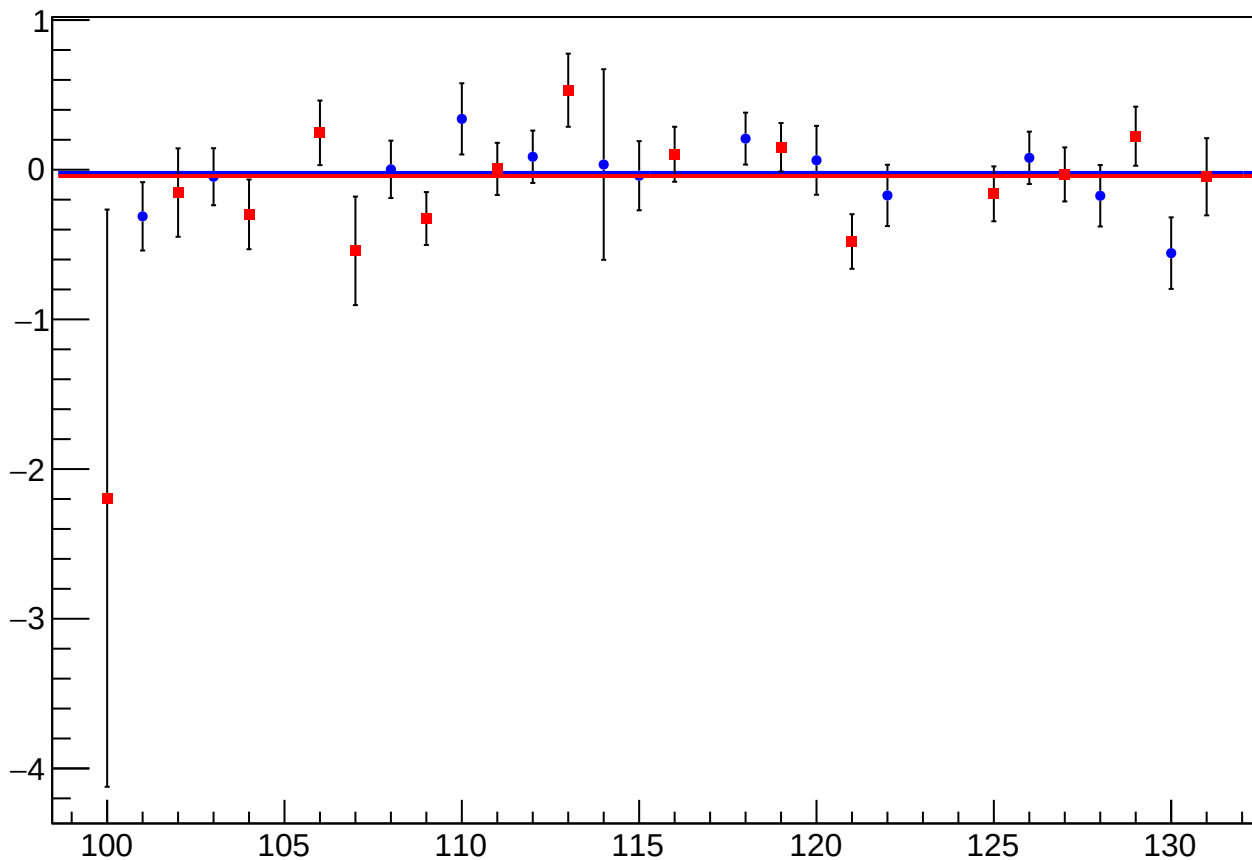
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1532508.2/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.021+/-0.058 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.042+/-0.054 χ^2/NDF : 24.5/14

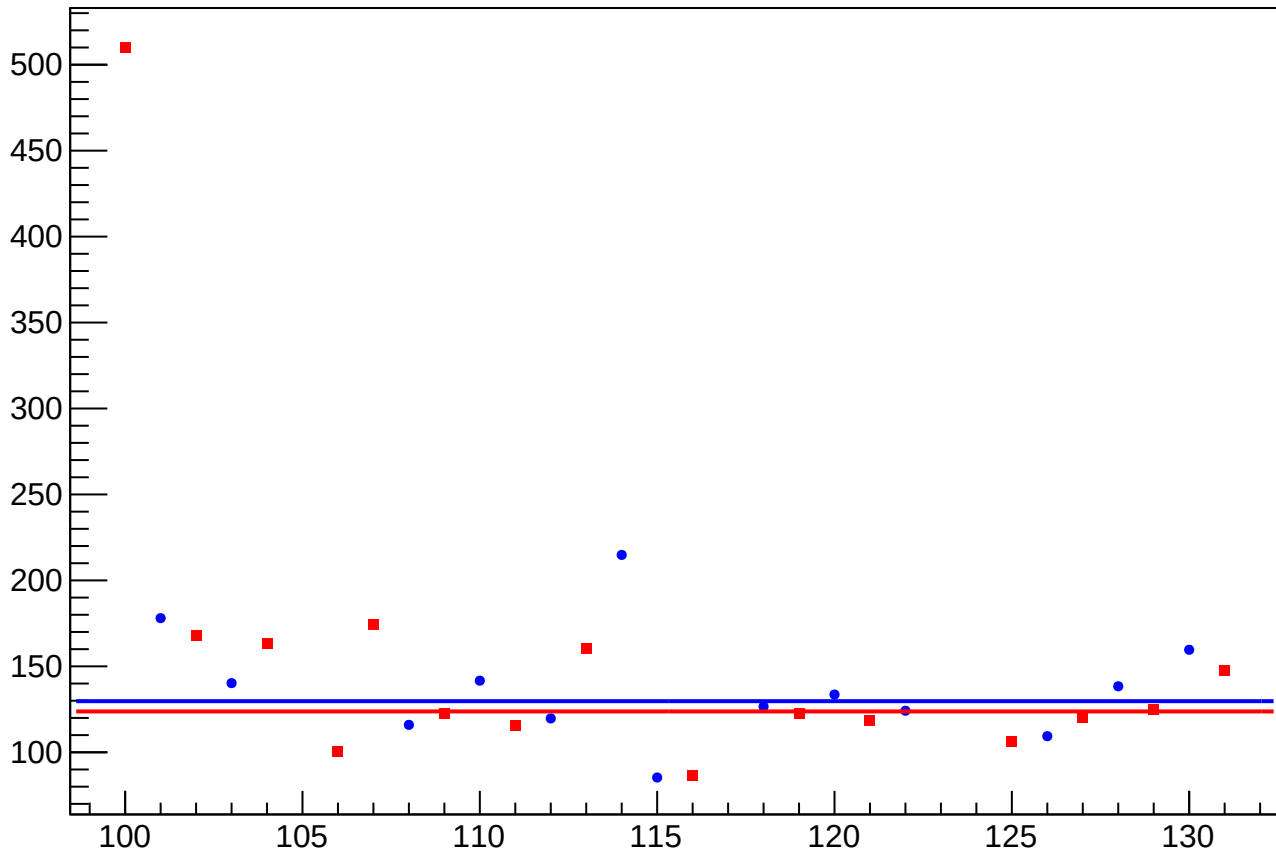
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.033+/-0.040 χ^2/NDF : 37.2/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 129.745+/-0.041 χ^2/NDF : 291755.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.780+/-0.038 χ^2/NDF : 412824.5/14

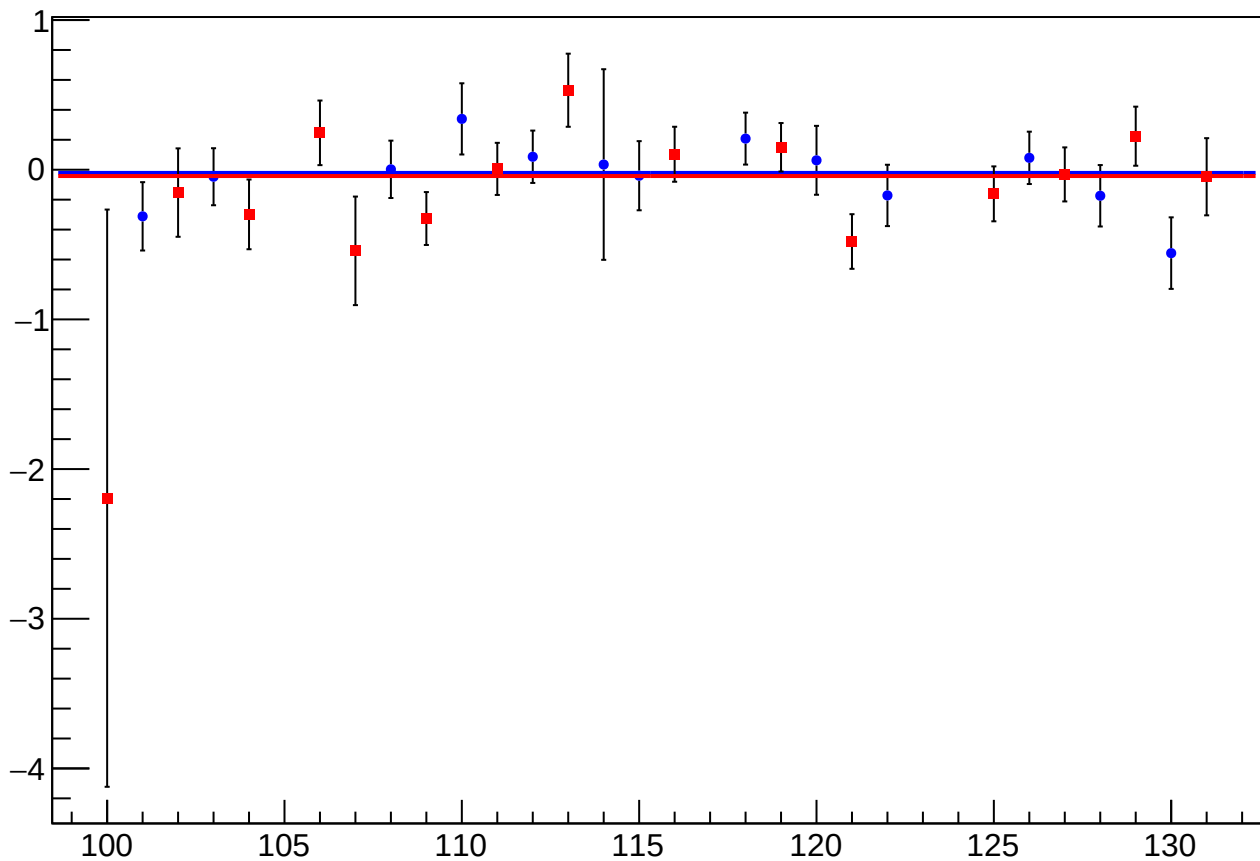
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.553+/-0.028 χ^2/NDF : 715827.3/27

- 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: -0.021+/-0.058 χ^2 /NDF: 12.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.042+/-0.054 χ^2 /NDF: 24.5/14

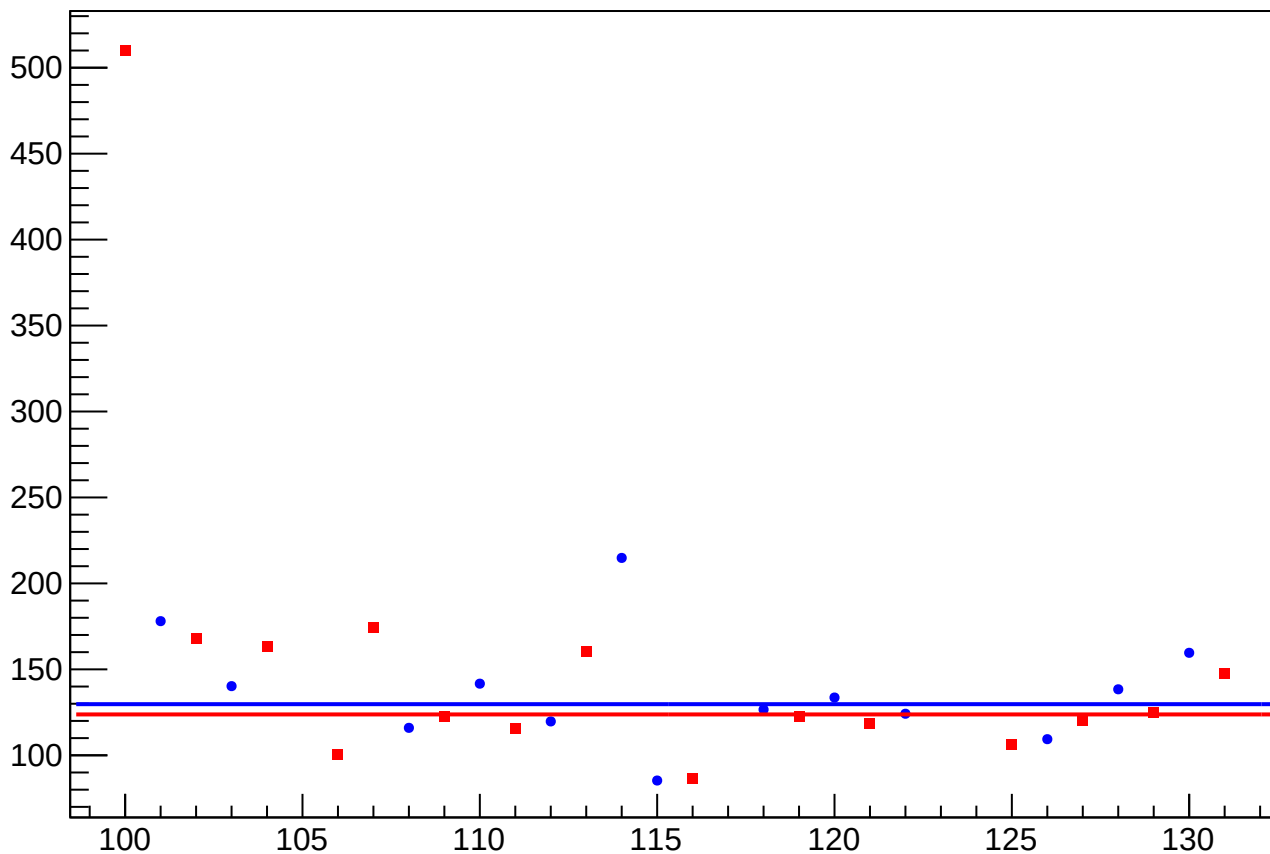
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.033+/-0.040 χ^2 /NDF: 37.2/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 129.745+/-0.041 χ^2/NDF : 291755.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.780+/-0.038 χ^2/NDF : 412824.5/14

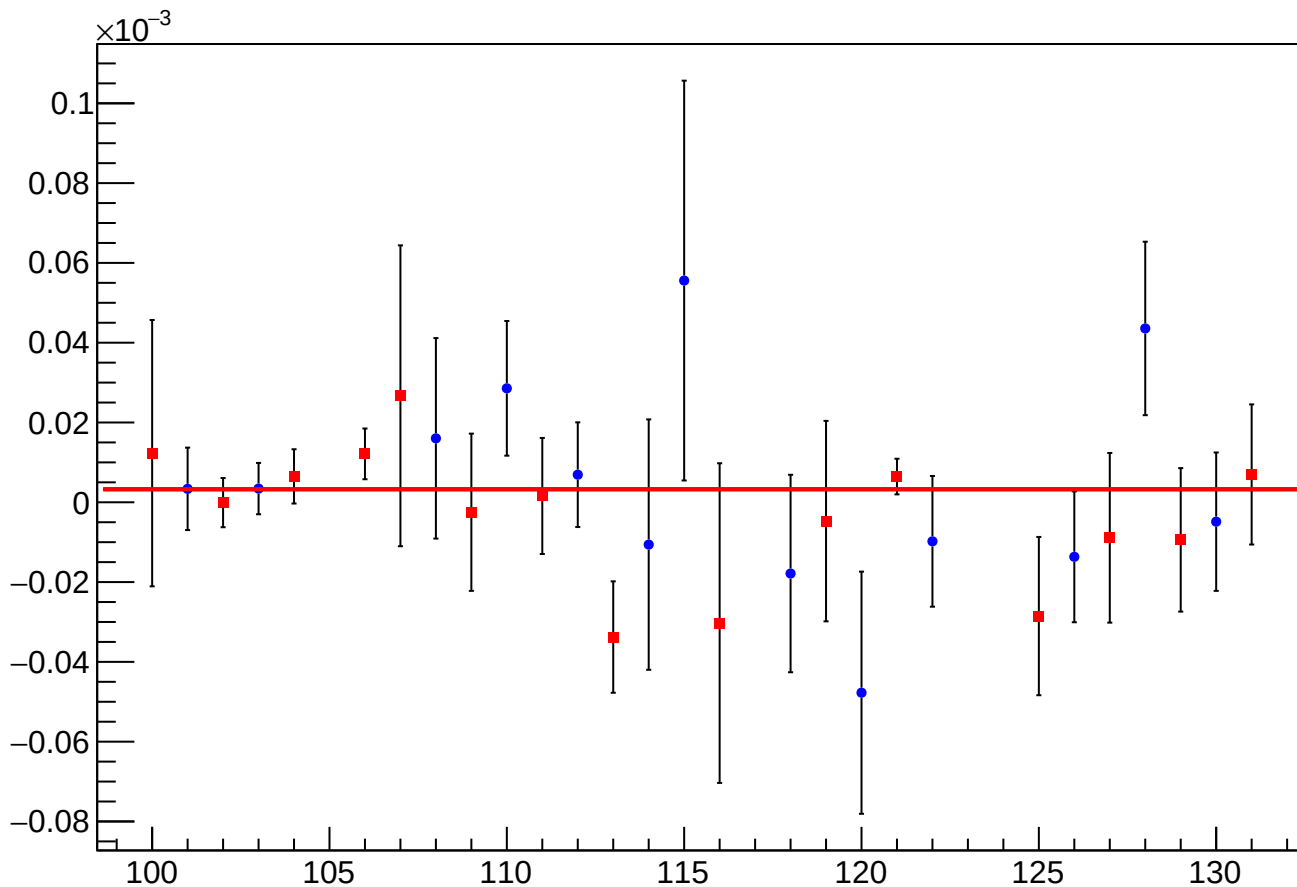
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.553+/-0.028 χ^2/NDF : 715827.3/27

- sign 0.000+/-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: 12.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.8/14

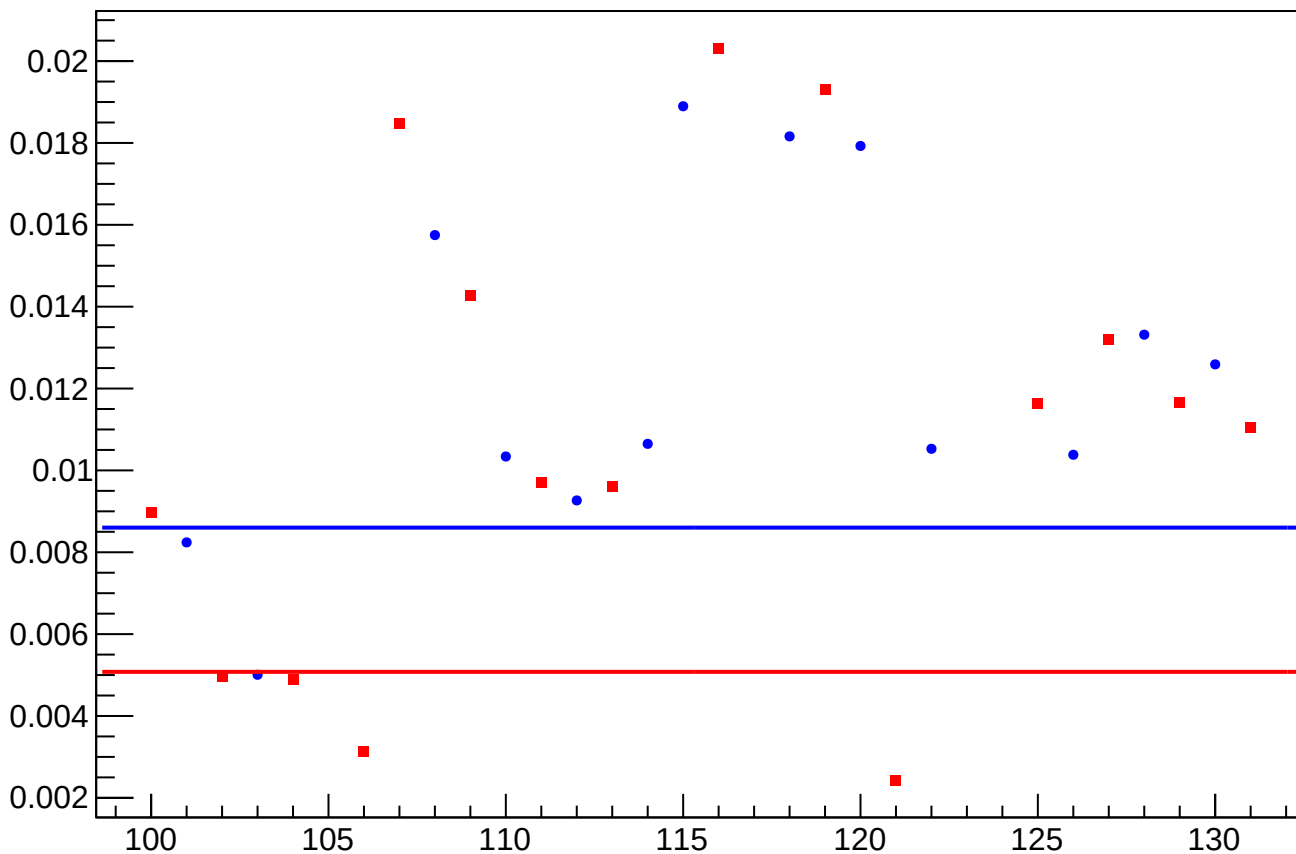
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 27.6/27

- 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: 0.009+/-0.000 χ^2/NDF : 1645963.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 3966072.1/14

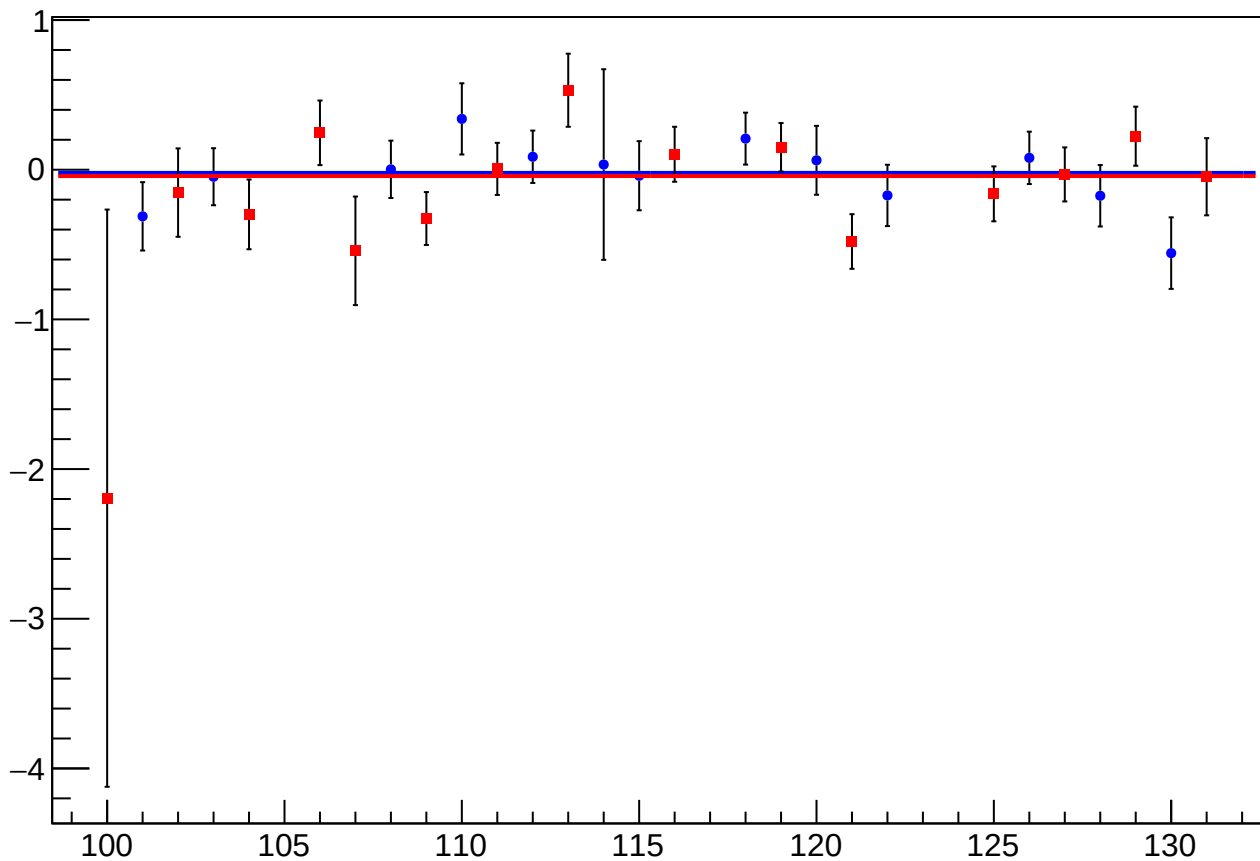
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 6694643.6/27

- 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: -0.021+/-0.058 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.042+/-0.054 χ^2/NDF : 24.5/14

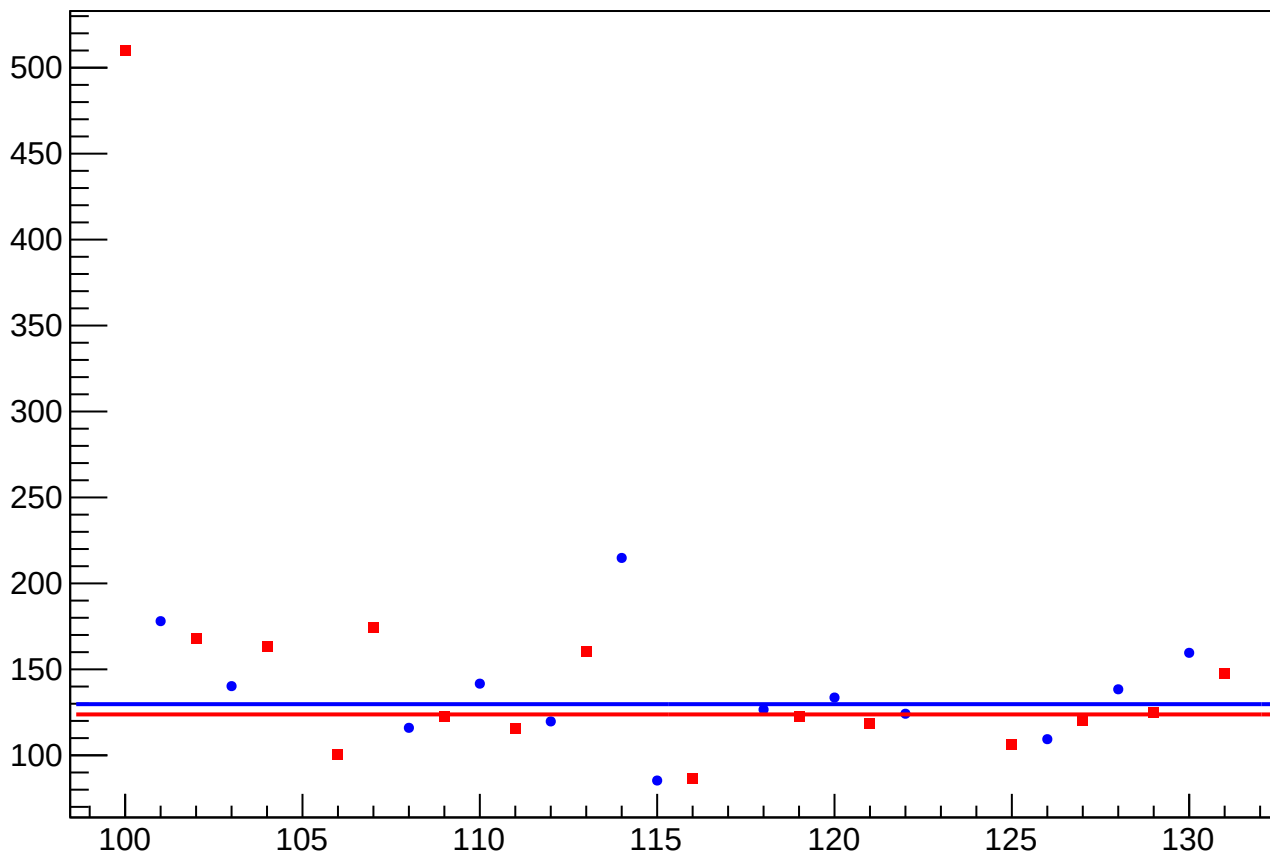
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.033+/-0.040 χ^2/NDF : 37.2/27

- 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: 129.744+/-0.041 χ^2/NDF : 291720.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.780+/-0.038 χ^2/NDF : 412795.6/14

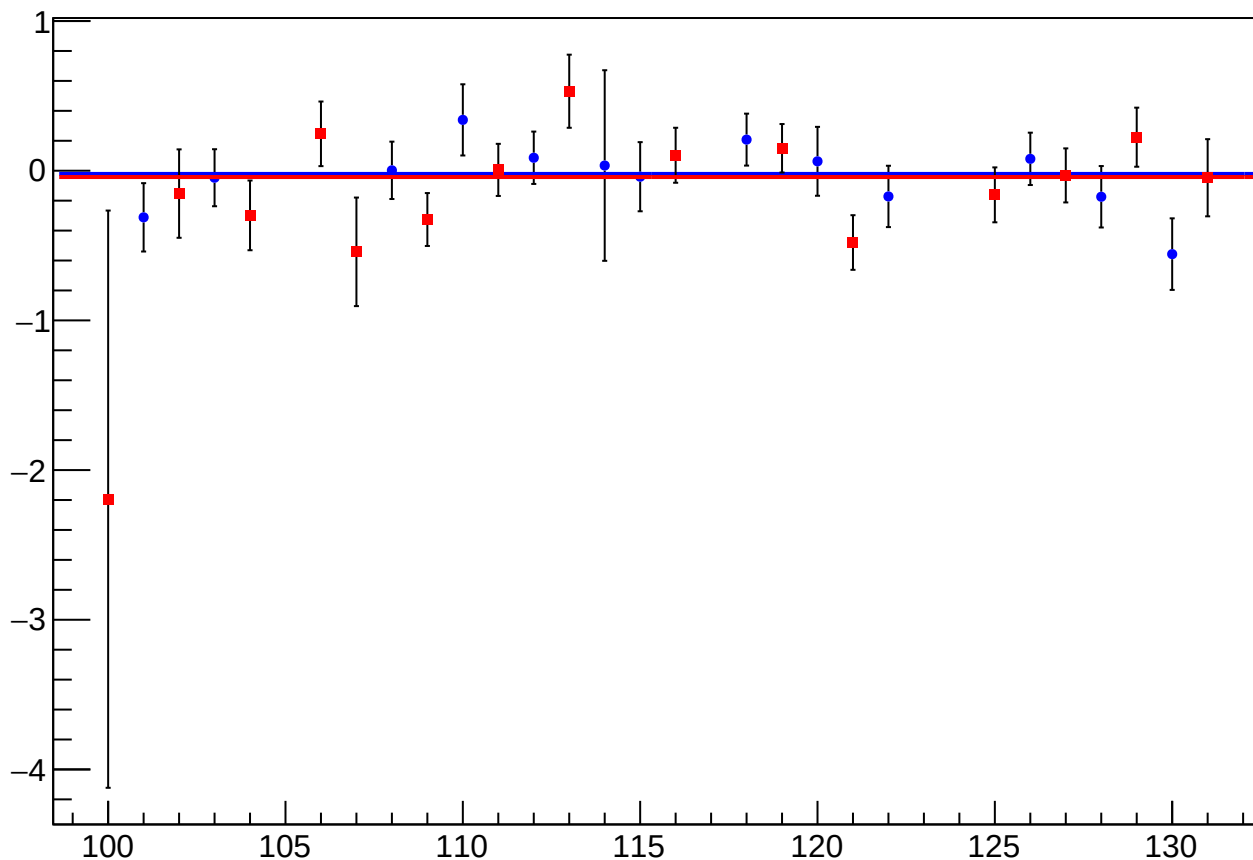
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.553+/-0.028 χ^2/NDF : 715762.3/27

- 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: -0.021+/-0.058 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.042+/-0.054 χ^2/NDF : 24.5/14

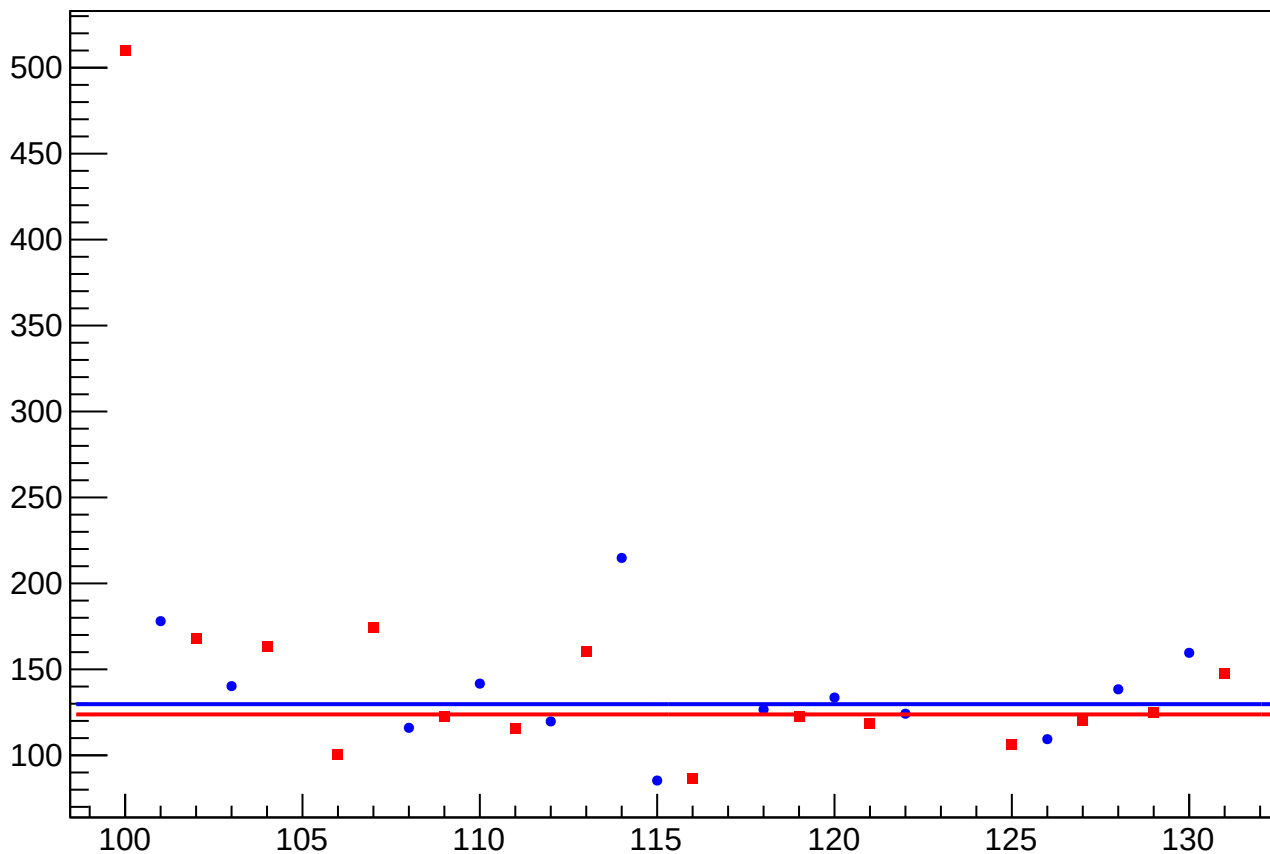
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.033+/-0.040 χ^2/NDF : 37.2/27

- 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: 129.744+/-0.041 χ^2/NDF : 291720.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.780+/-0.038 χ^2/NDF : 412795.6/14

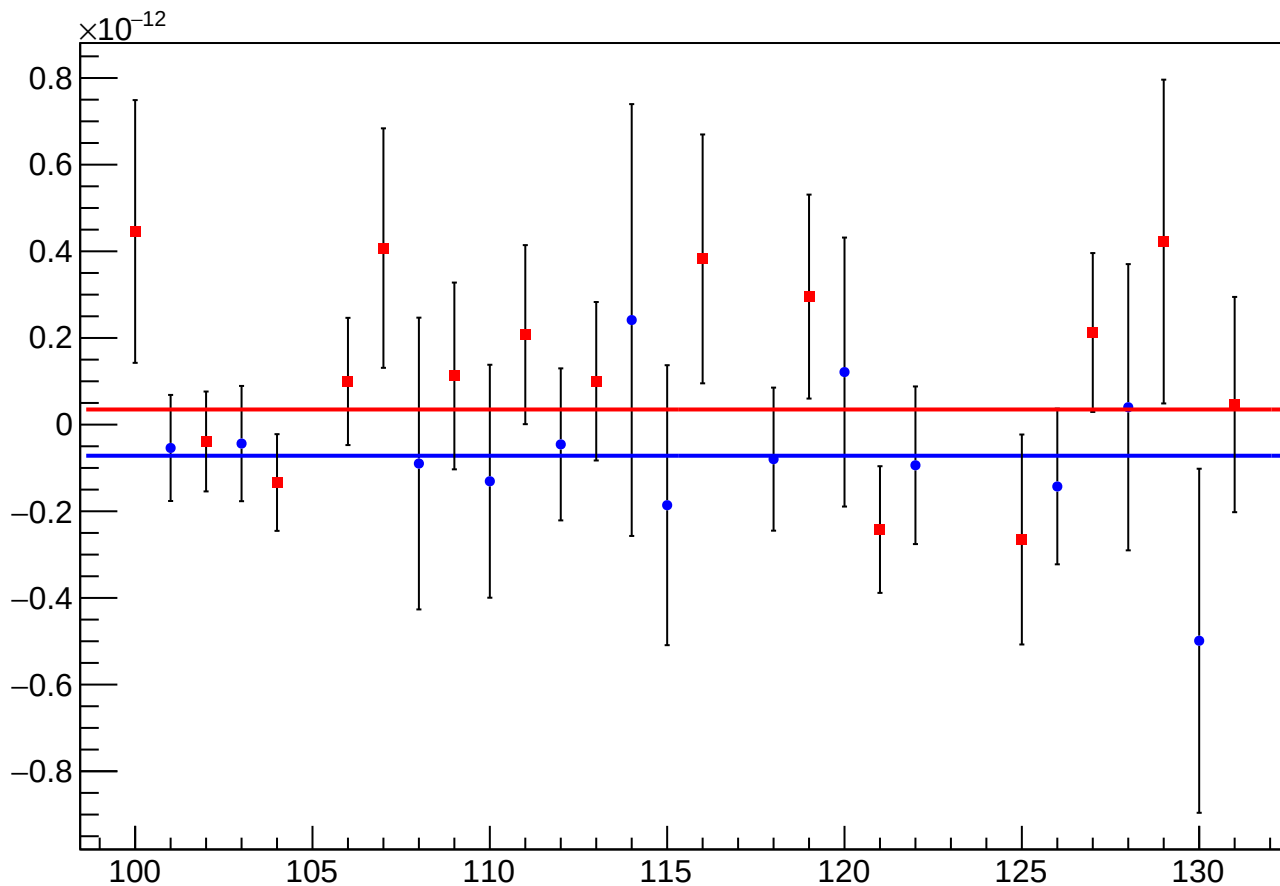
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.553+/-0.028 χ^2/NDF : 715762.3/27

- 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 : 2.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.3/14

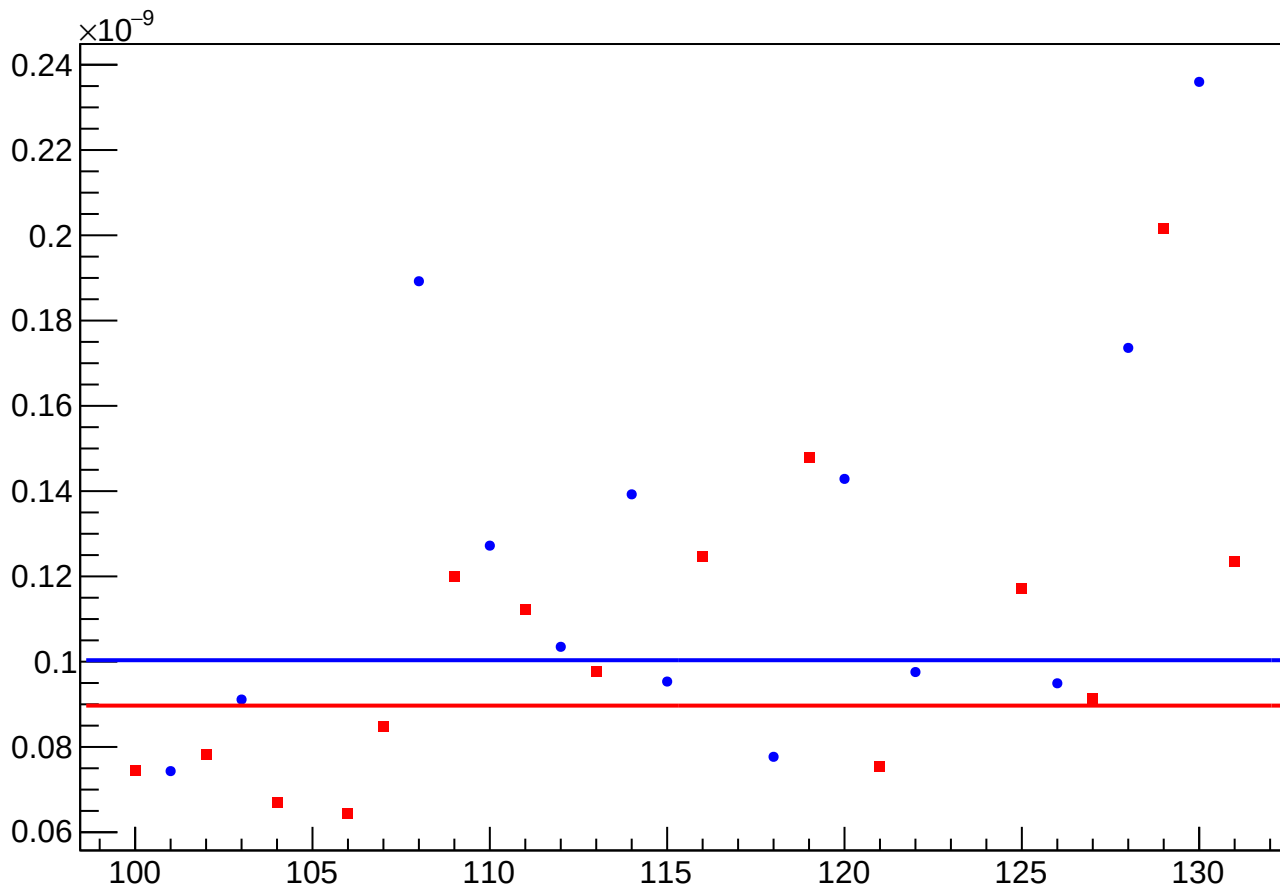
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.9/27

- 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 : 681811.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 647418.0/14

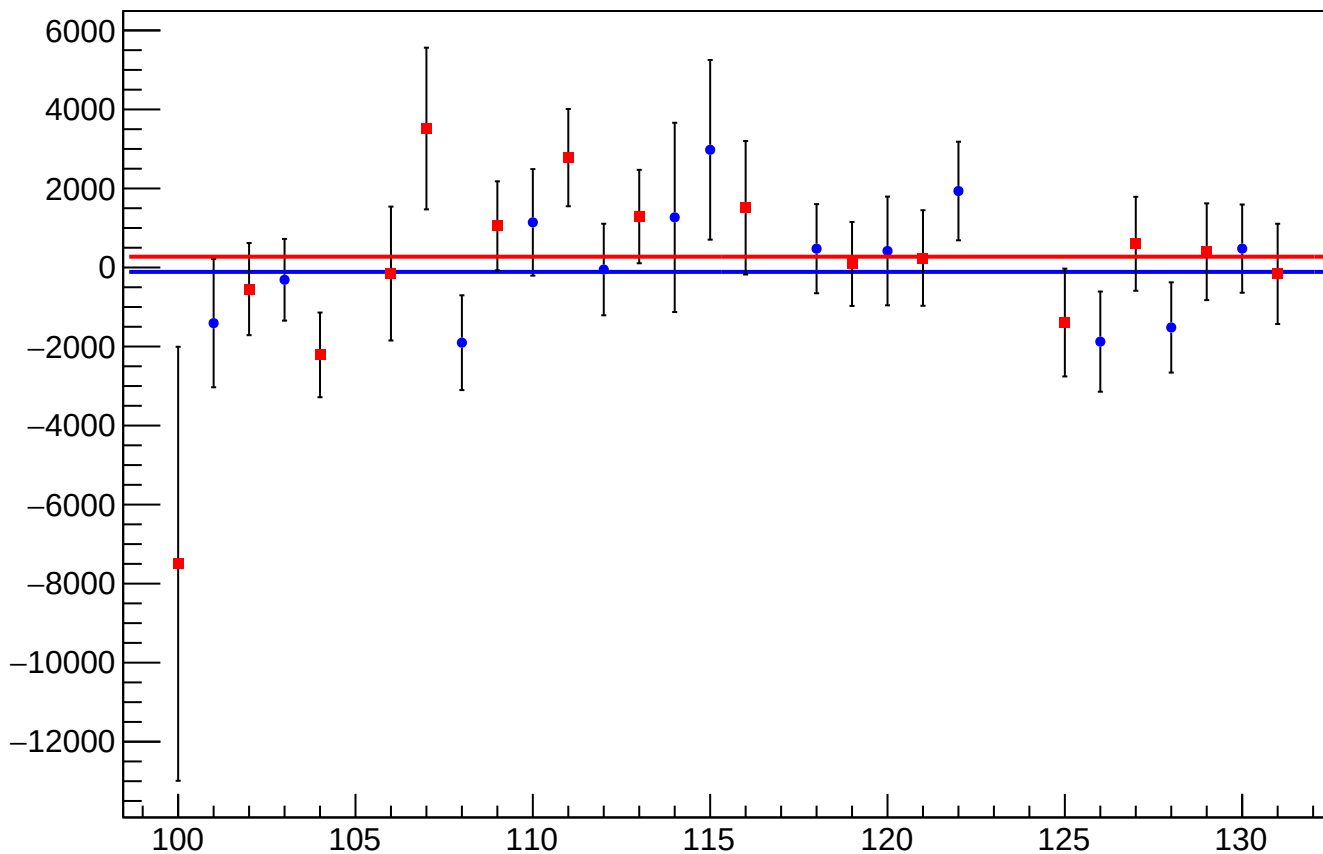
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1371204.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_mean vs Slug



Right In: -111.280 ± 357.573 χ^2/NDF : 12.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 272.946 ± 336.262 χ^2/NDF : 18.1/14

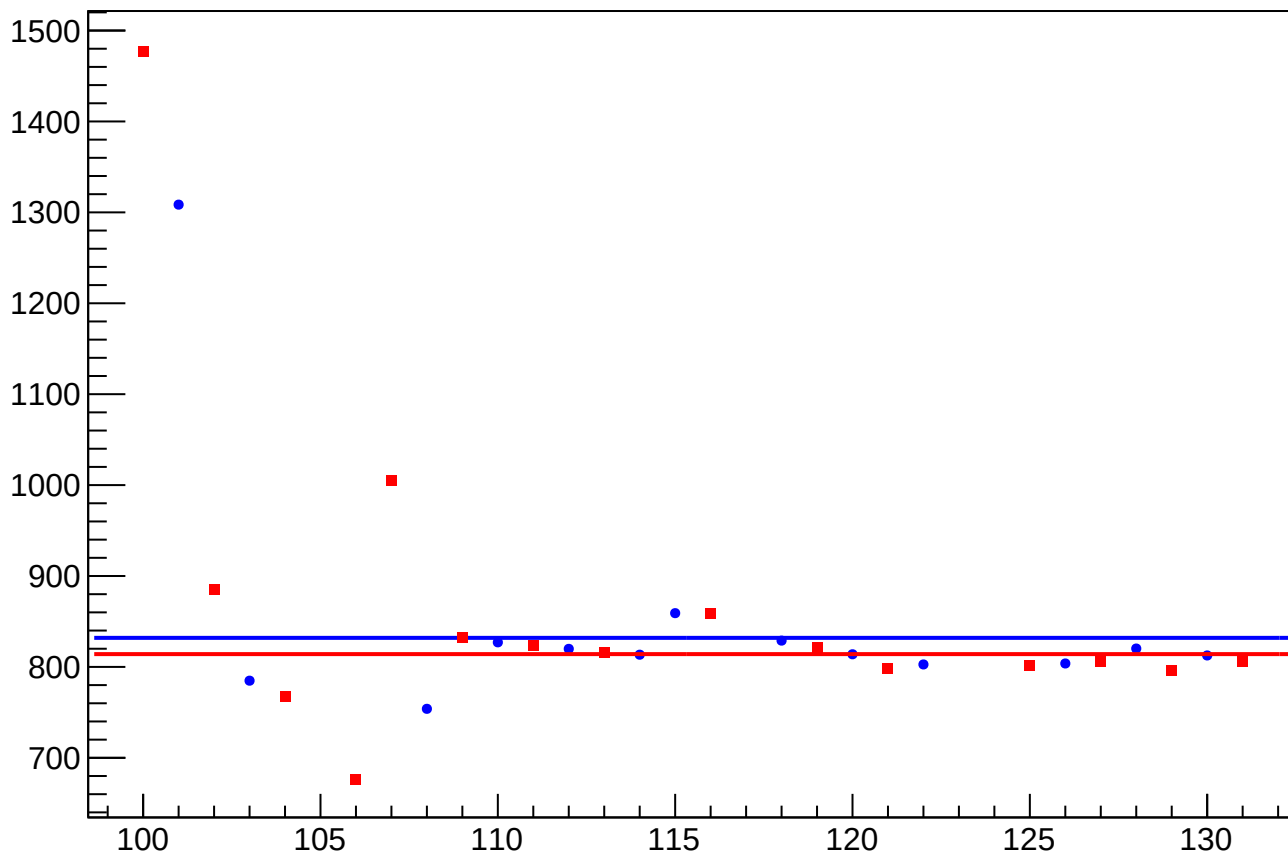
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 92.623 ± 244.961 χ^2/NDF : 31.5/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_rms vs Slug



Right In: 831.969 $\pm$ 0.253 χ^2 /NDF: 188892.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 814.082 $\pm$ 0.235 χ^2 /NDF: 83626.3/14

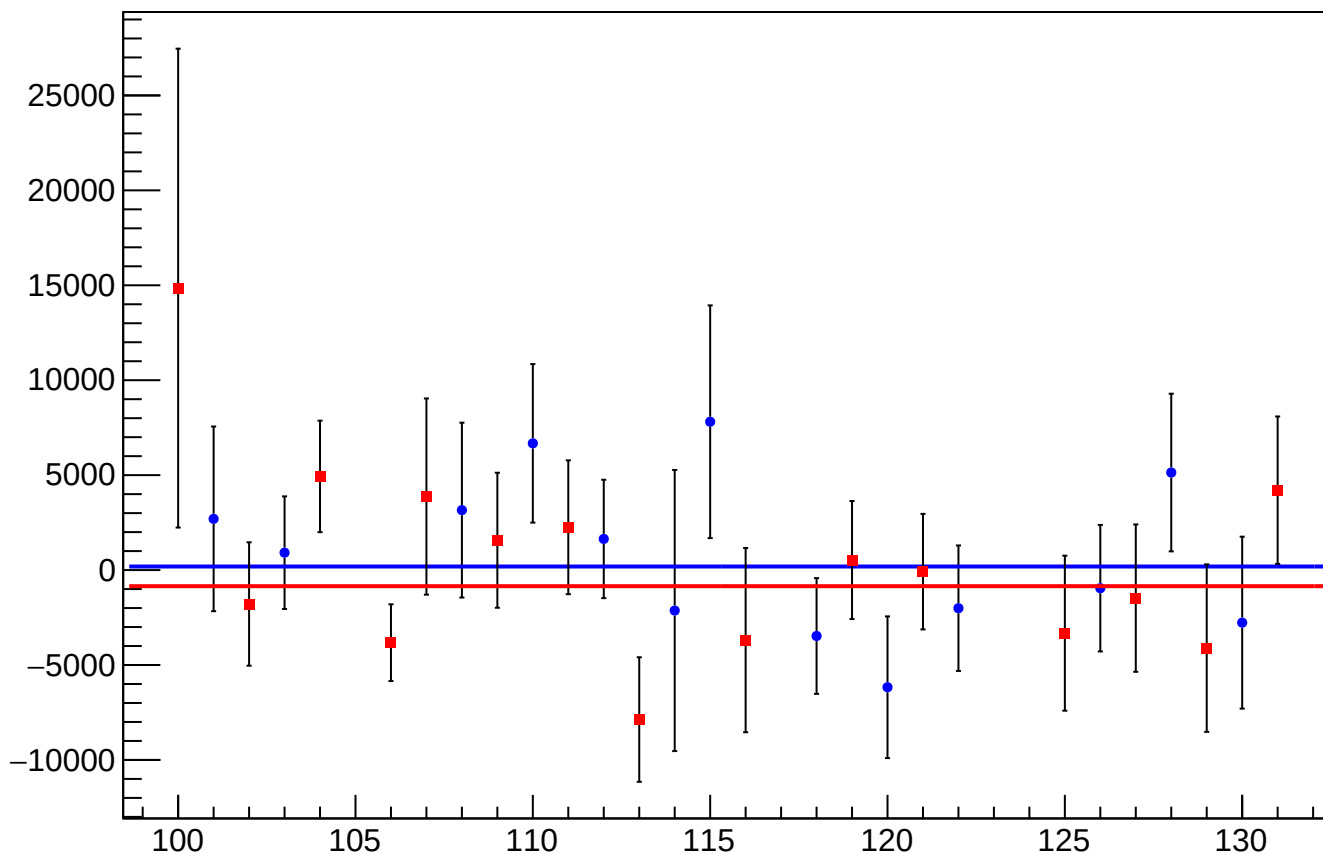
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 822.356 $\pm$ 0.172 χ^2 /NDF: 275208.8/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_reg_correction_mean vs Slug



Right In: 187.830 $\pm$ 1068.355 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -848.313 $\pm$ 894.549 χ^2 /NDF: 17.6/14

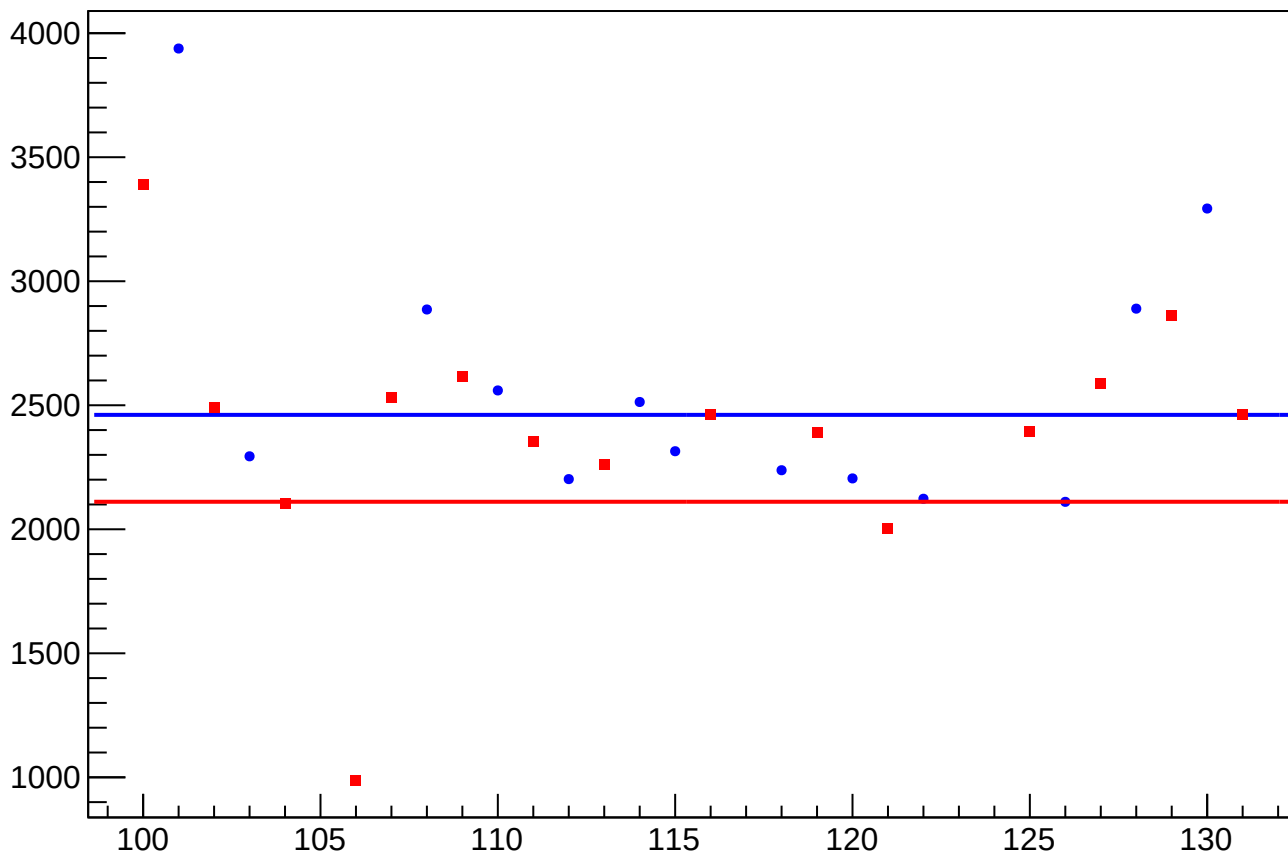
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -421.273 $\pm$ 685.867 χ^2 /NDF: 29.9/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_reg_correction_rms vs Slug



Right In: 2461.260+/-0.755 χ^2/NDF : 376000.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

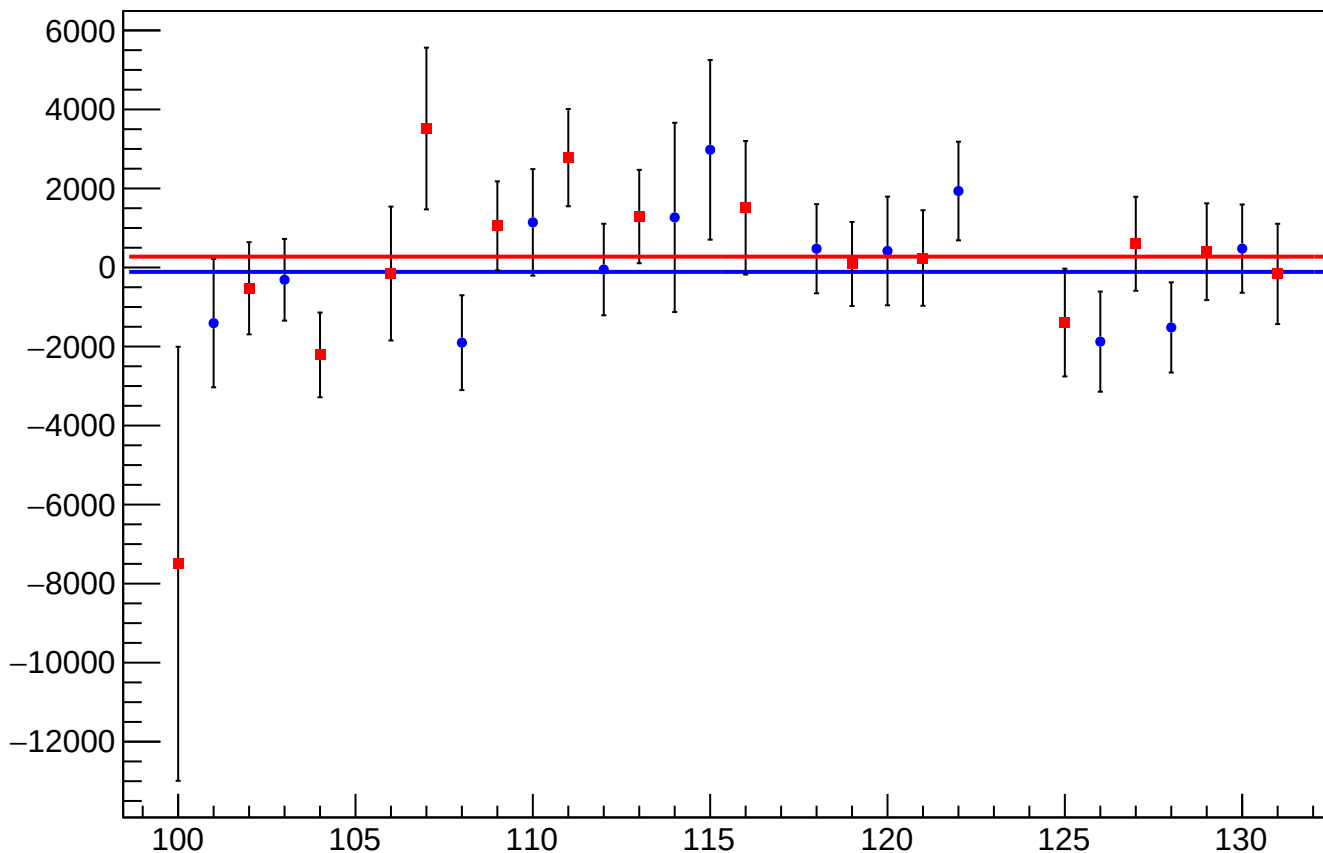
Right Out: 2110.954+/-0.633 χ^2/NDF : 876427.8/14

All: 2255.331+/-0.485 χ^2/NDF : 1378832.8/27

- 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: -111.373+/-357.573 χ^2 /NDF: 12.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 274.718+/-336.268 χ^2 /NDF: 18.1/14

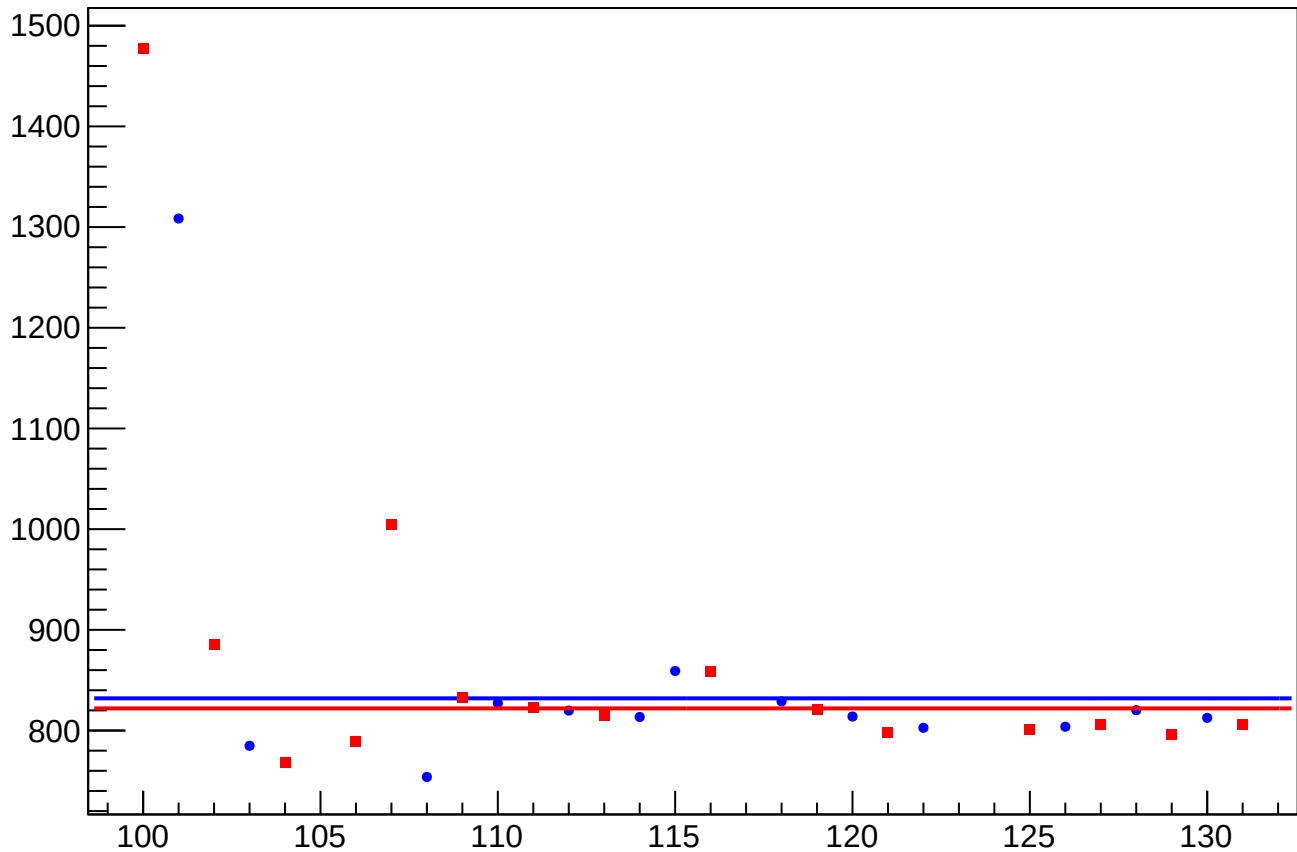
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 93.517+/-244.963 χ^2 /NDF: 31.5/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_usl_atl2_dd_rms vs Slug



Right In: 831.969+/-0.253 χ^2/NDF : 188892.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 821.988+/-0.236 χ^2/NDF : 60443.5/14

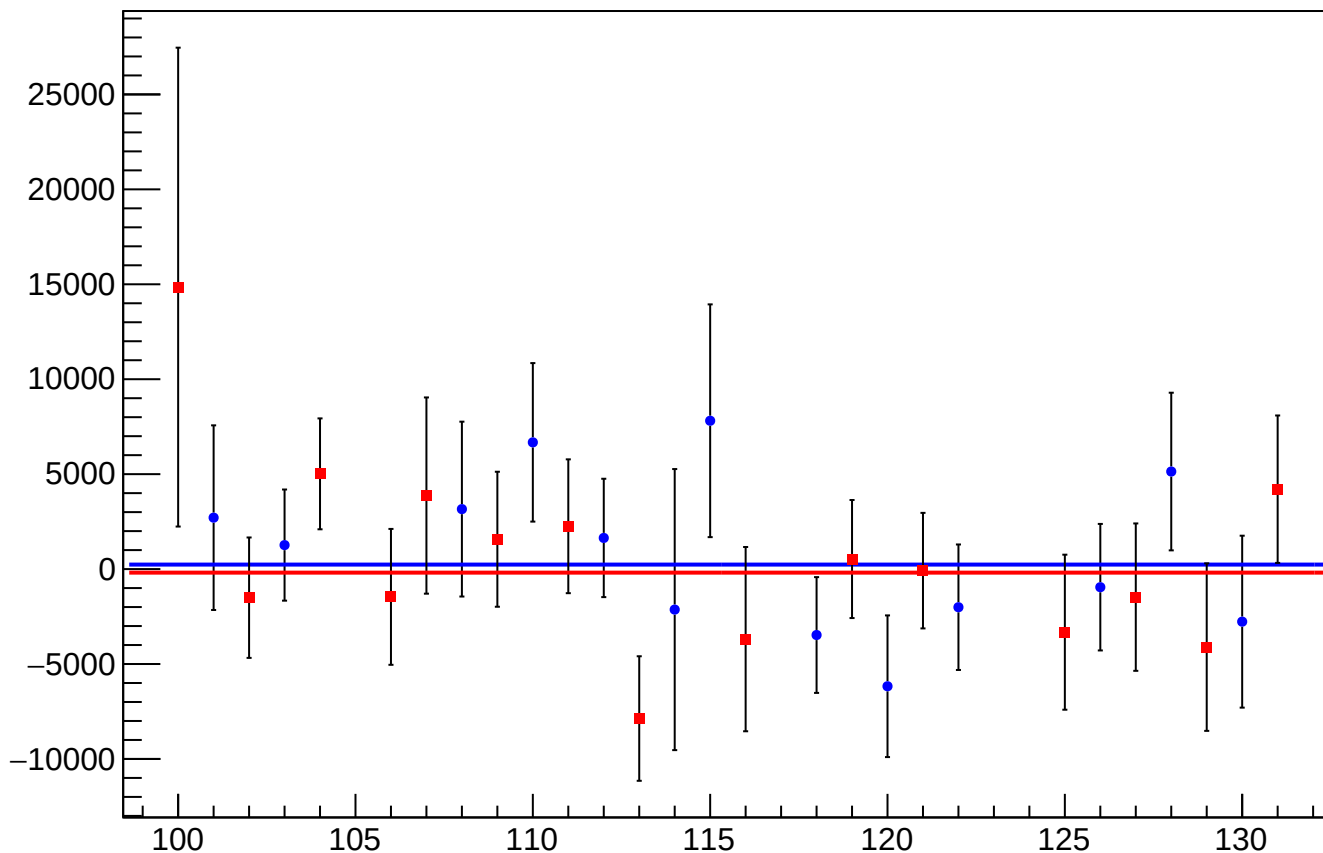
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 826.644+/-0.173 χ^2/NDF : 250167.2/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_cor_correction_mean vs Slug



Right In: 236.935+/-1066.504 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -187.090+/-958.208 χ^2/NDF : 15.1/14

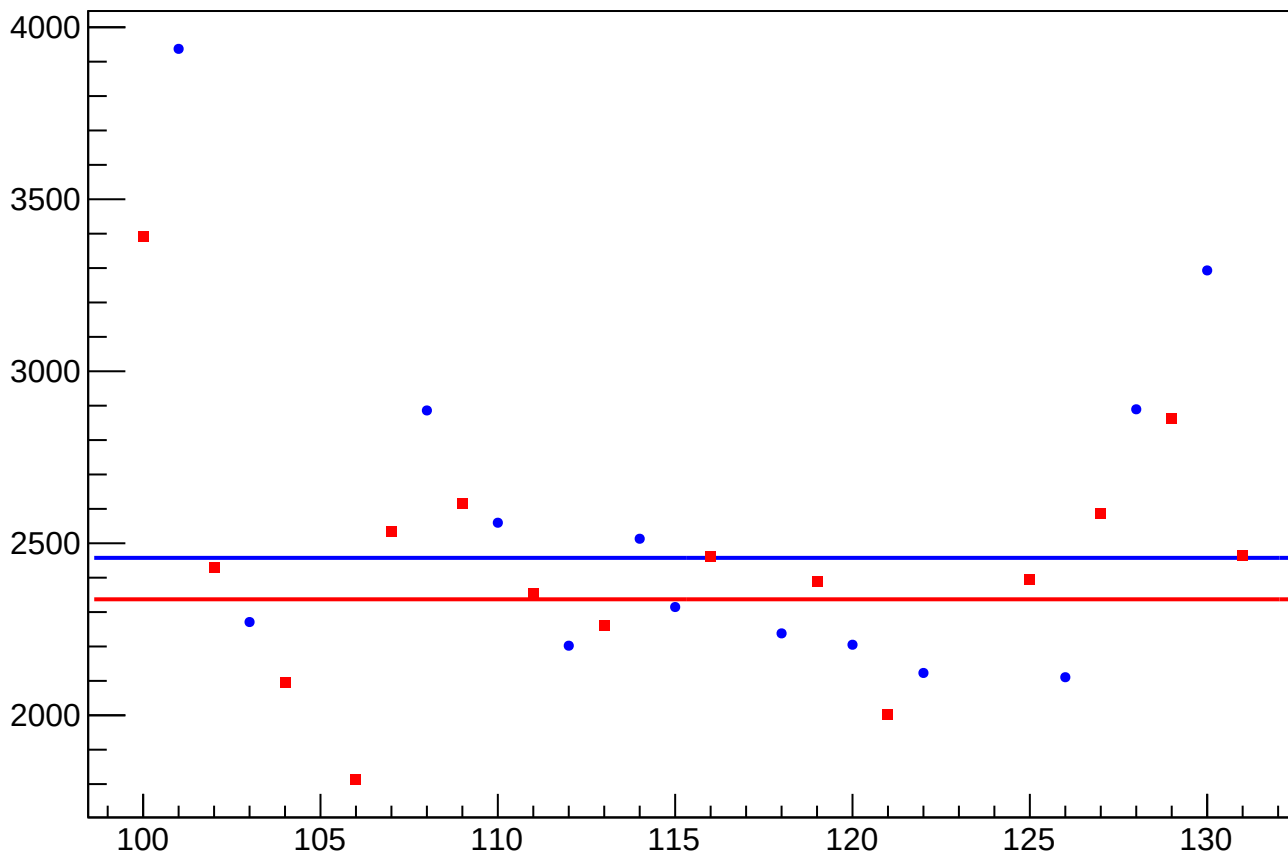
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.307+/-712.777 χ^2/NDF : 27.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_cor_correction_rms vs Slug



Right In: 2457.605+/-0.754 χ^2/NDF : 377921.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2337.141+/-0.678 χ^2/NDF : 154194.7/14

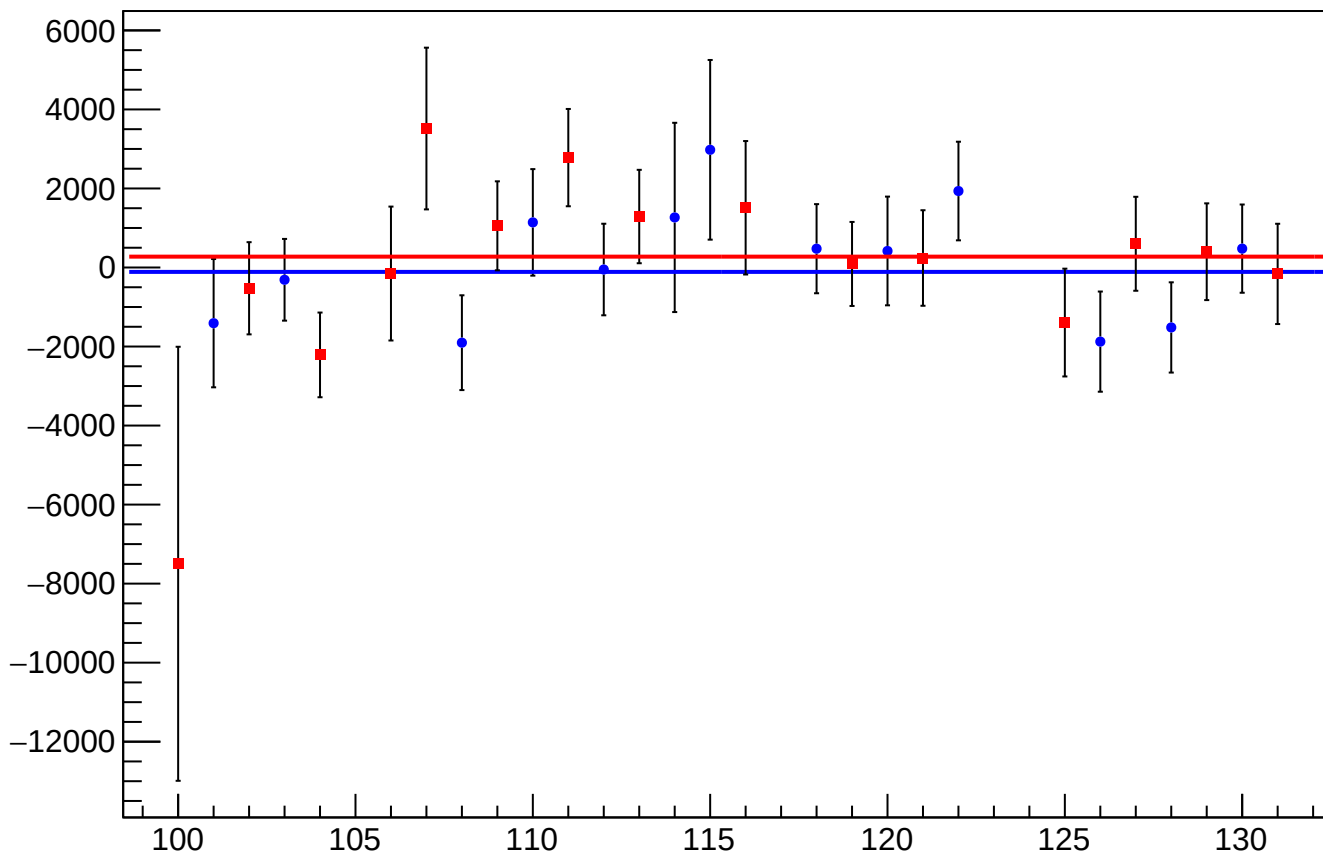
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2390.948+/-0.504 χ^2/NDF : 546235.3/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl2_dd_mean vs Slug



Right In: -111.373+/-357.573 χ^2 /NDF: 12.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 274.718+/-336.268 χ^2 /NDF: 18.1/14

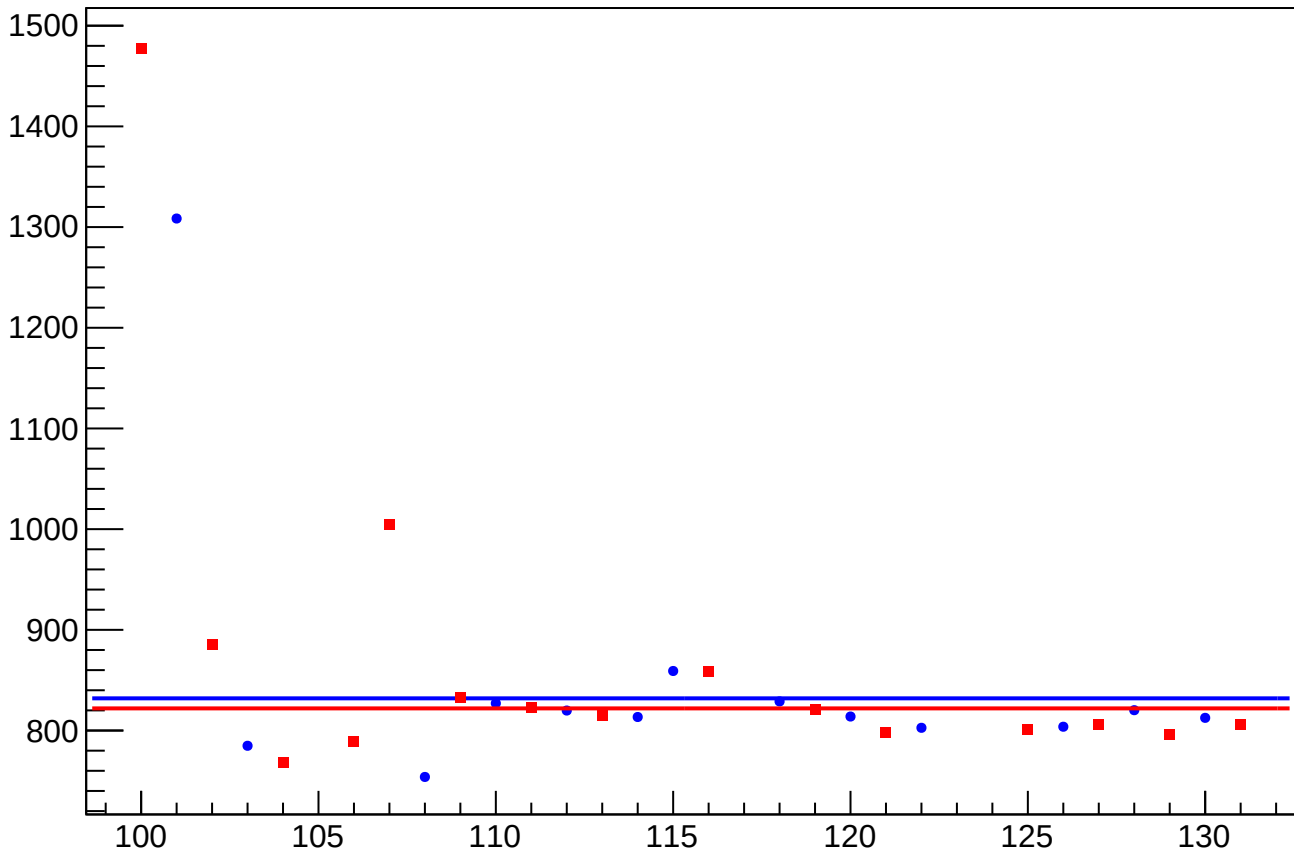
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 93.517+/-244.963 χ^2 /NDF: 31.5/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usl_atl2_dd_rms vs Slug



Right In: 831.969+/-0.253 χ^2/NDF : 188892.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 821.988+/-0.236 χ^2/NDF : 60443.5/14

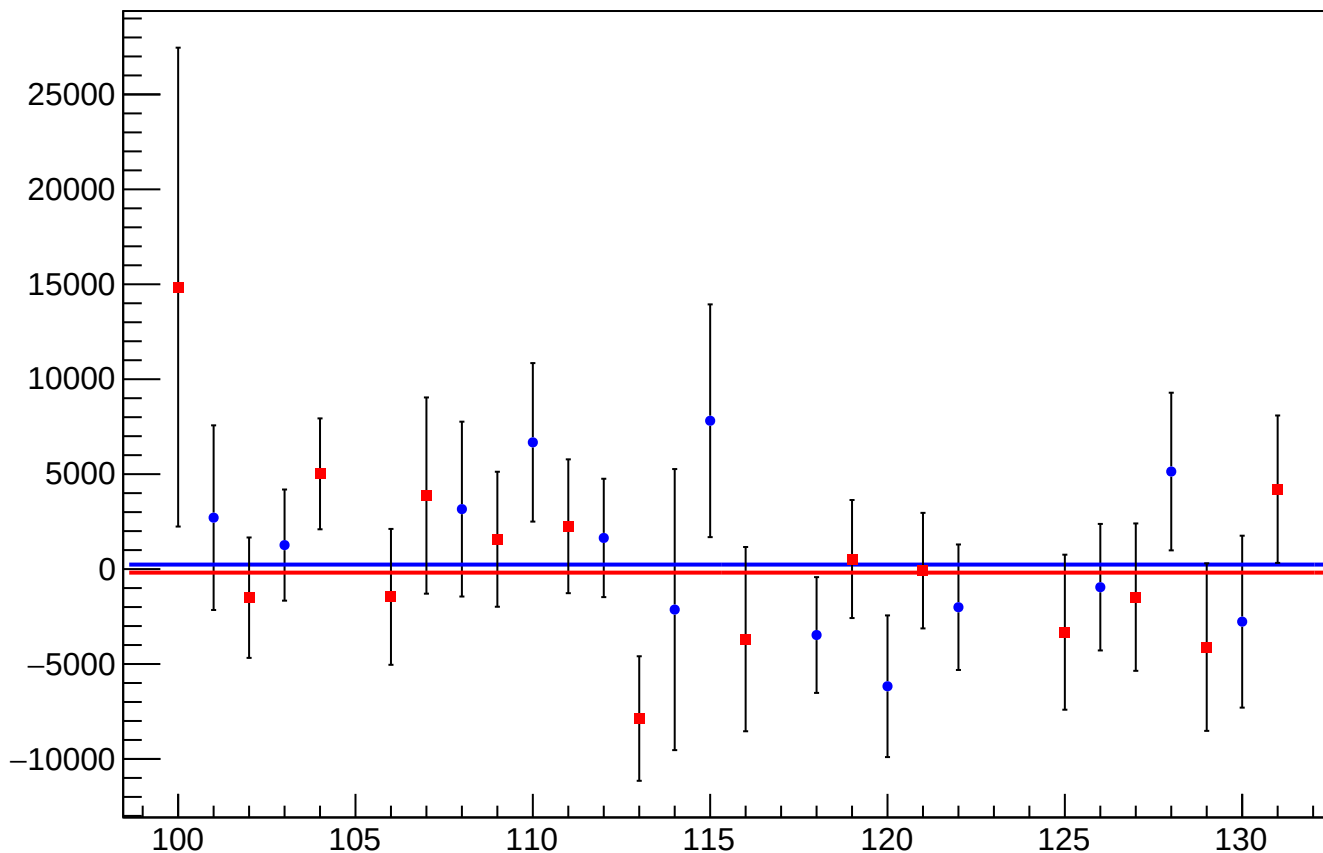
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 826.644+/-0.173 χ^2/NDF : 250167.2/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_cor_correction_mean vs Slug



Right In: 236.935 $\pm$ 1066.504 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -187.090 $\pm$ 958.208 χ^2 /NDF: 15.1/14

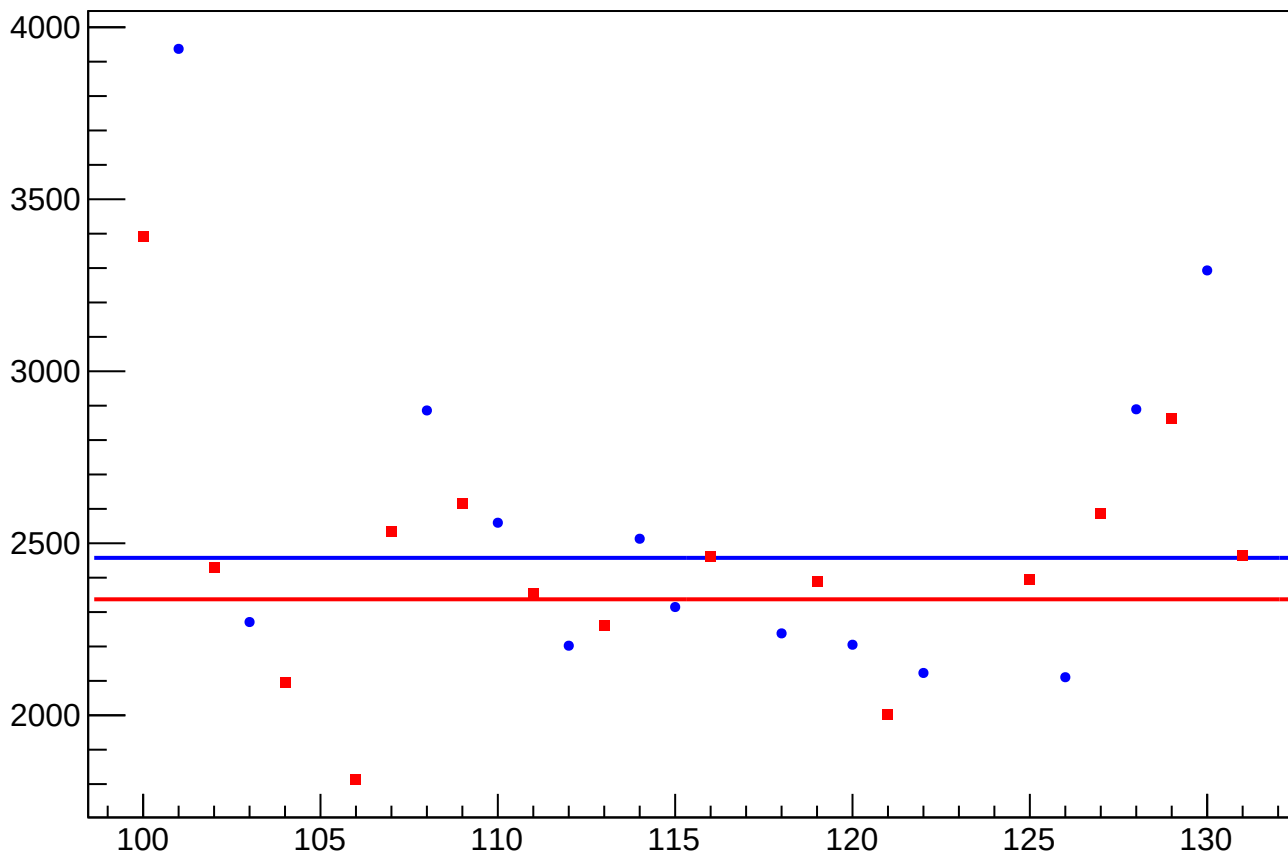
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.307 $\pm$ 712.777 χ^2 /NDF: 27.0/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_cor_correction_rms vs Slug



Right In: 2457.605+/-0.754 χ^2/NDF : 377921.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

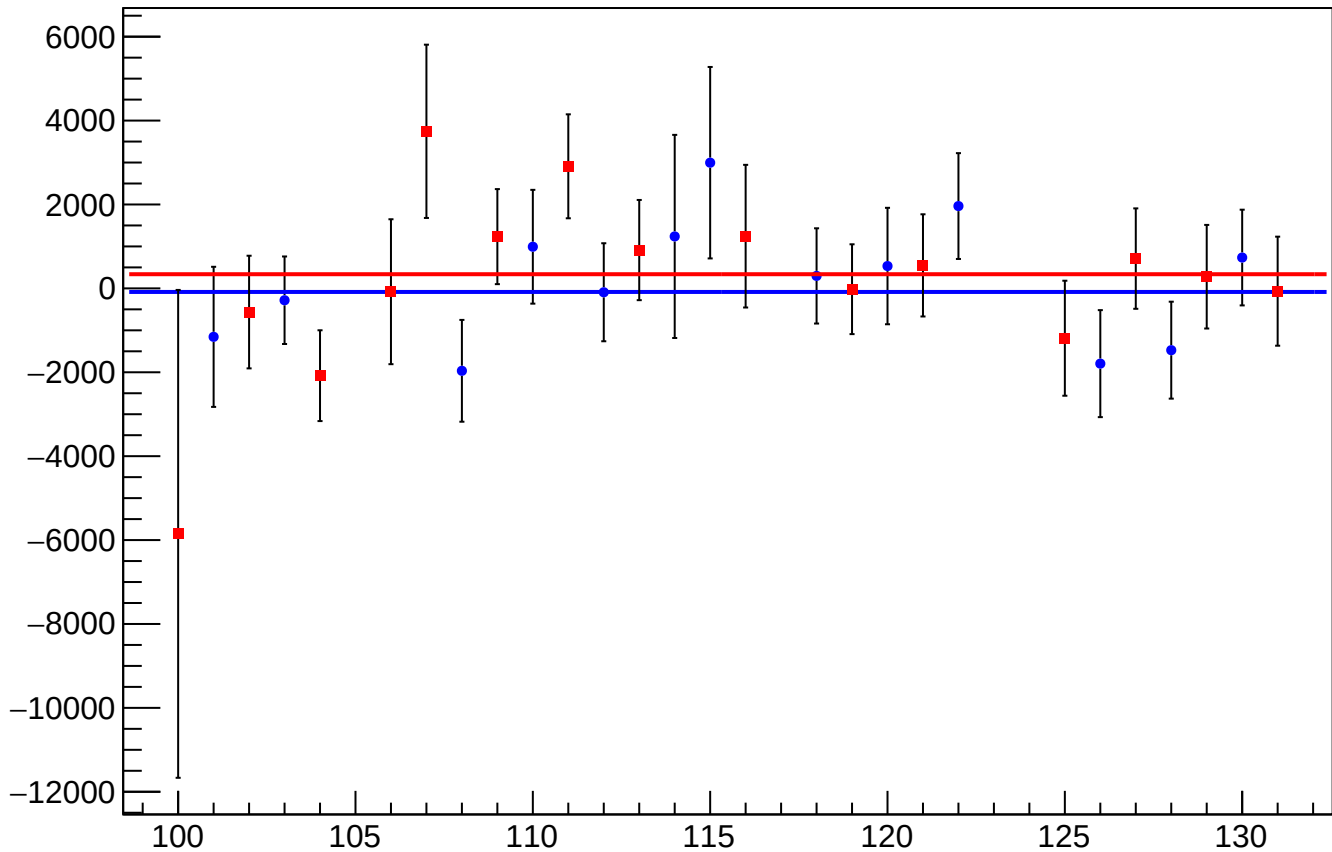
Right Out: 2337.141+/-0.678 χ^2/NDF : 154194.7/14

All: 2390.948+/-0.504 χ^2/NDF : 546235.3/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl2_dd_mean vs Slug



Right In: -85.134+/-361.520 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 337.709+/-342.807 χ^2/NDF : 16.4/14

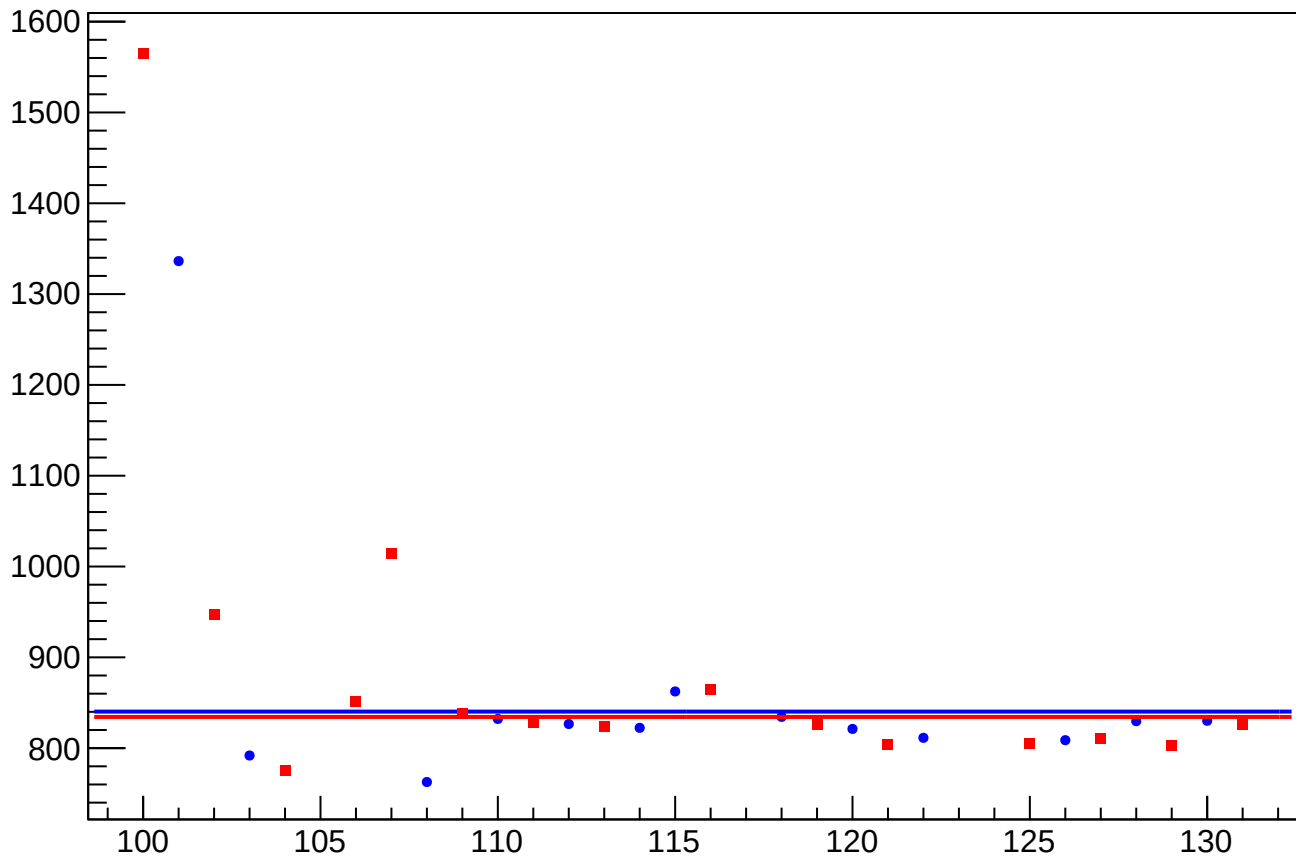
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.514+/-248.754 χ^2/NDF : 29.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl2_dd_rms vs Slug



Right In: 840.255+/-0.256 χ^2/NDF : 192615.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 834.338+/-0.242 χ^2/NDF : 72347.8/14

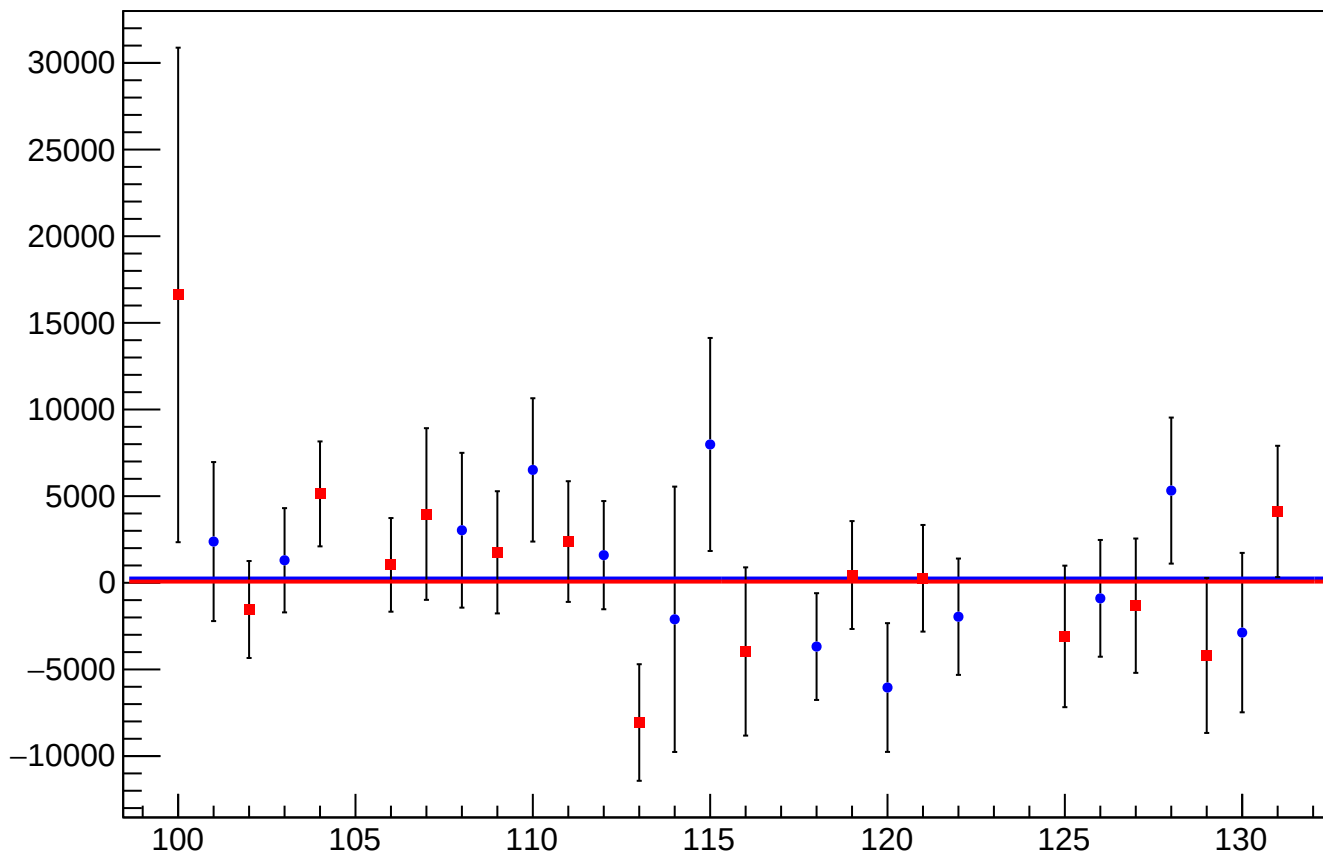
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 837.136+/-0.176 χ^2/NDF : 265245.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_dit_correction_mean vs Slug



Right In: 245.625 $\pm$ 1071.504 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 70.360 $\pm$ 925.231 χ^2 /NDF: 15.2/14

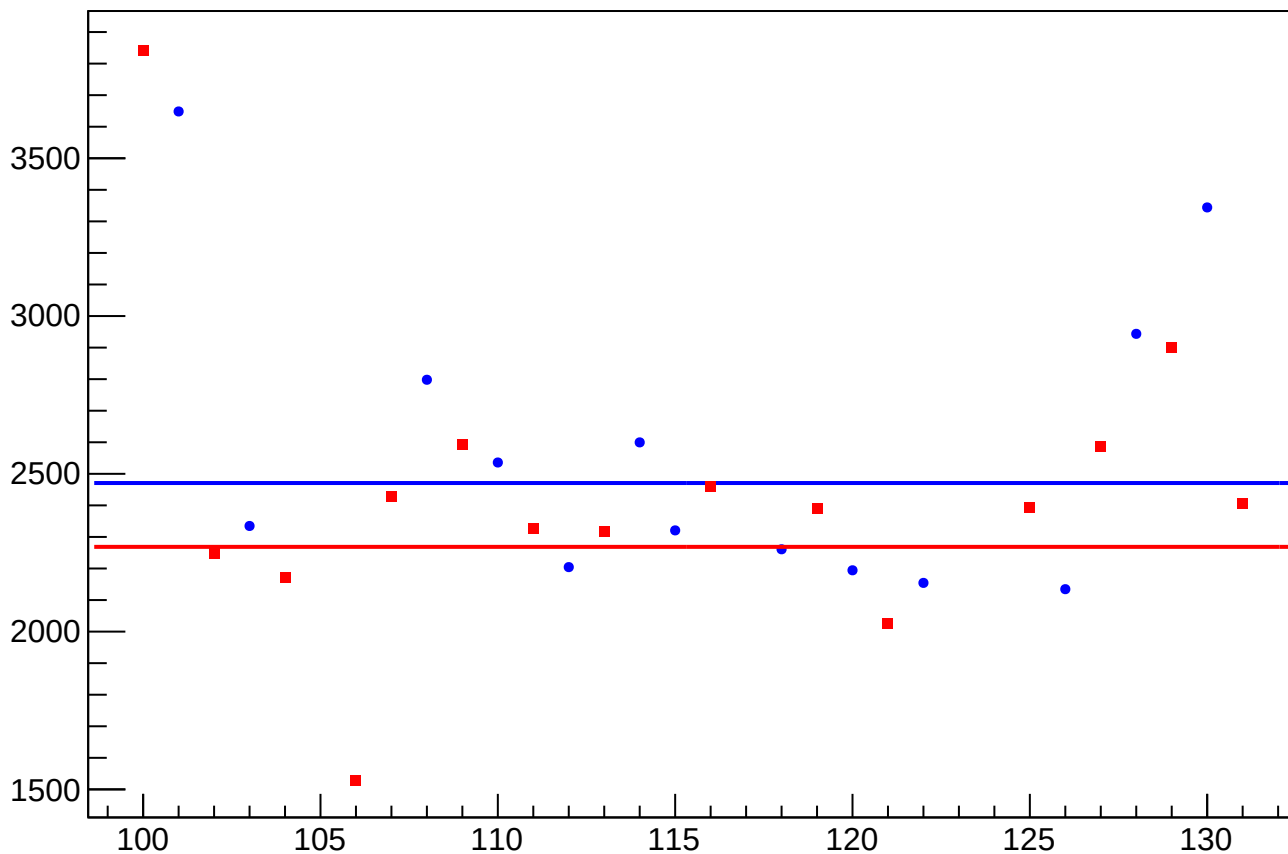
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 145.222 $\pm$ 700.287 χ^2 /NDF: 27.1/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_dit_correction_rms vs Slug



Right In: 2470.860+/-0.758 χ^2/NDF : 318734.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2268.558+/-0.654 χ^2/NDF : 272691.2/14

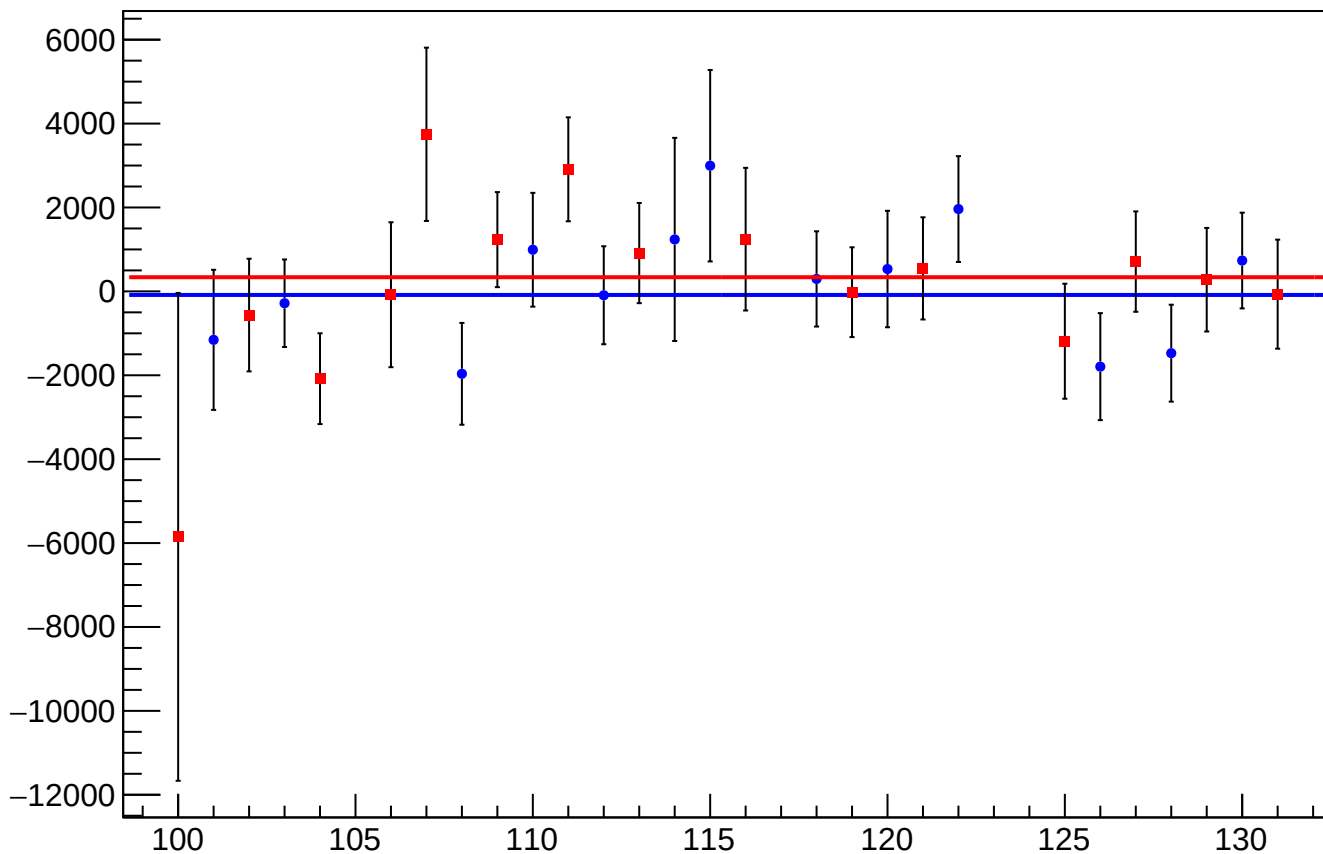
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2354.968+/-0.495 χ^2/NDF : 632266.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl2_dd_mean vs Slug



Right In: -85.138+/-361.520 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 337.714+/-342.807 χ^2/NDF : 16.4/14

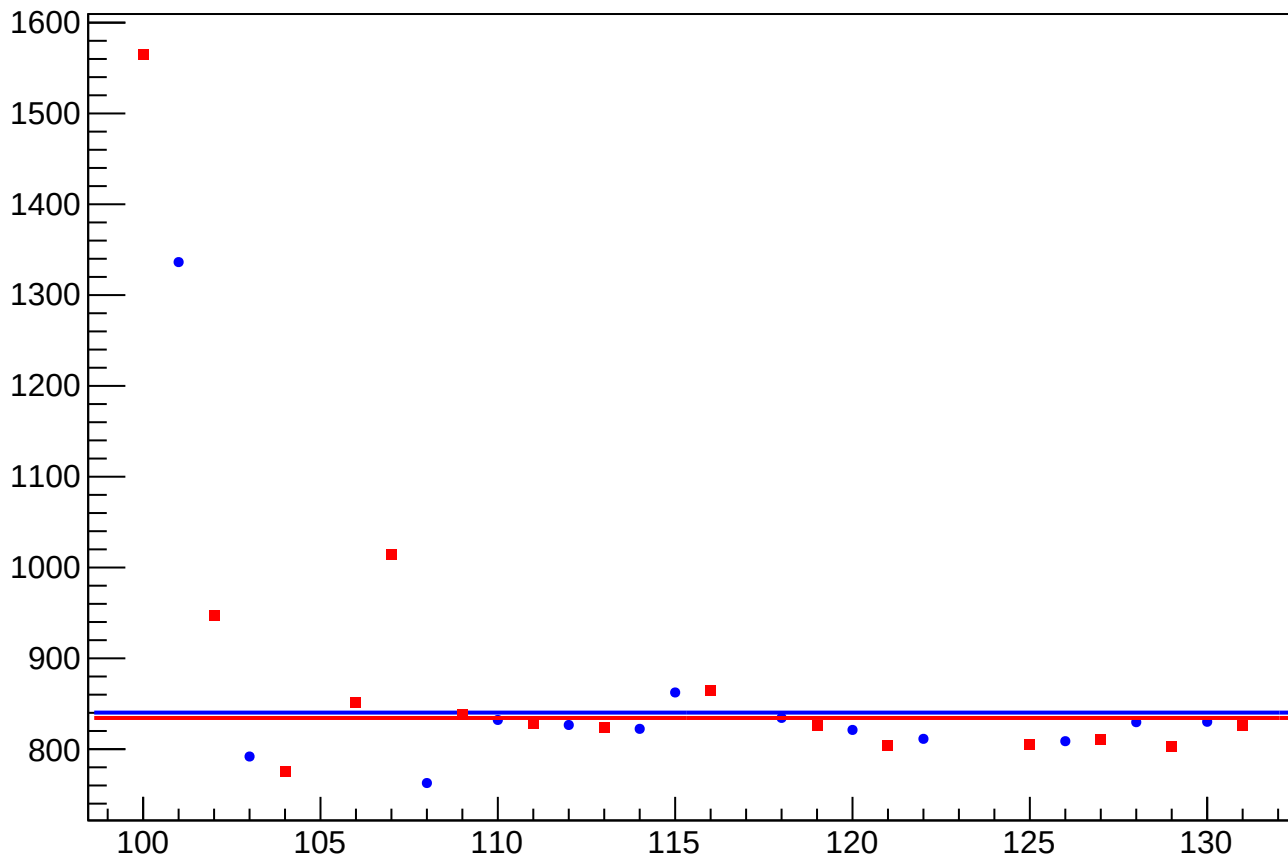
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.515+/-248.754 χ^2/NDF : 29.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl2_dd_rms vs Slug



Right In: 840.255+/-0.256 χ^2/NDF : 192614.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 834.338+/-0.242 χ^2/NDF : 72347.8/14

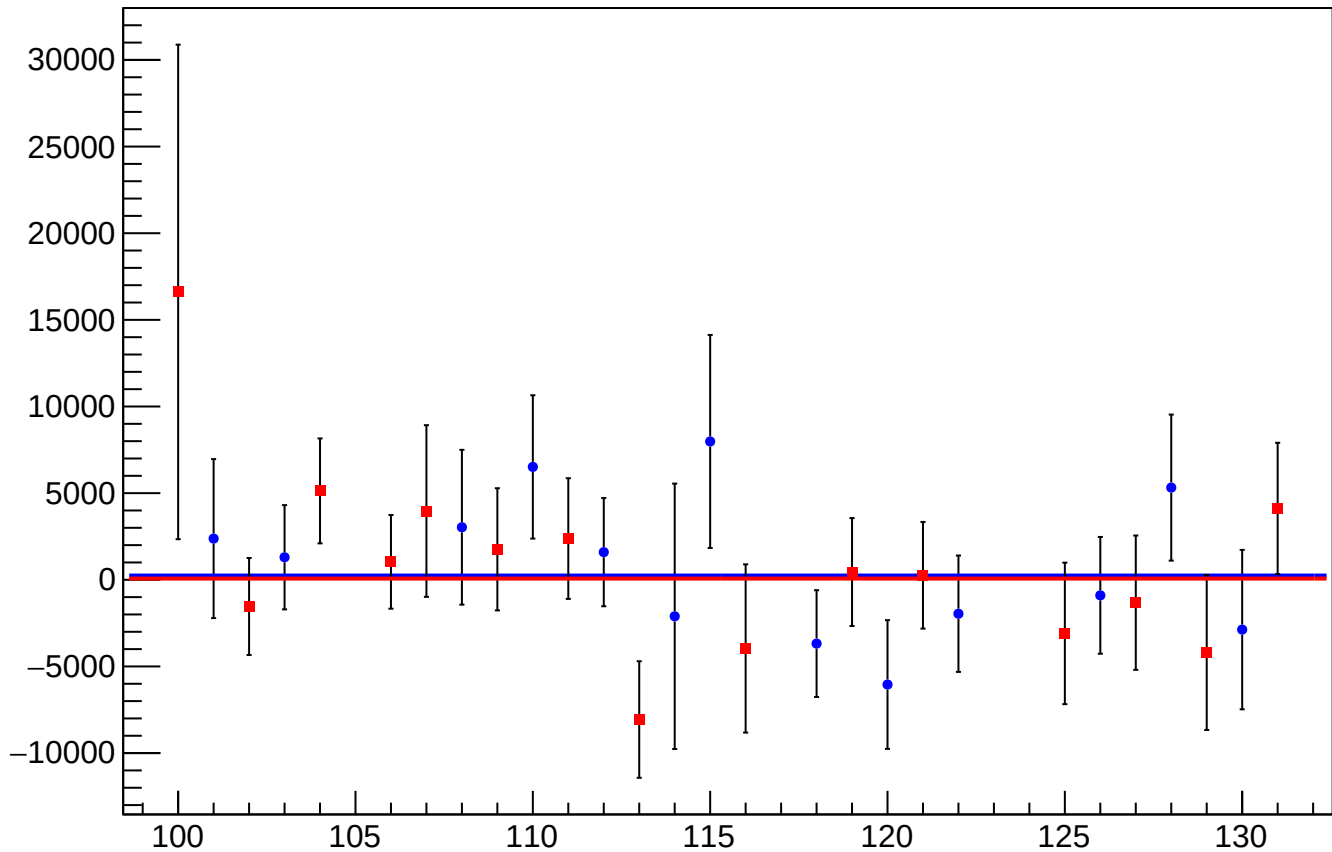
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 837.136+/-0.176 χ^2/NDF : 265245.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_dit_correction_mean vs Slug



Right In: 245.620 $\pm$ 1071.500 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 70.362 $\pm$ 925.229 χ^2 /NDF: 15.2/14

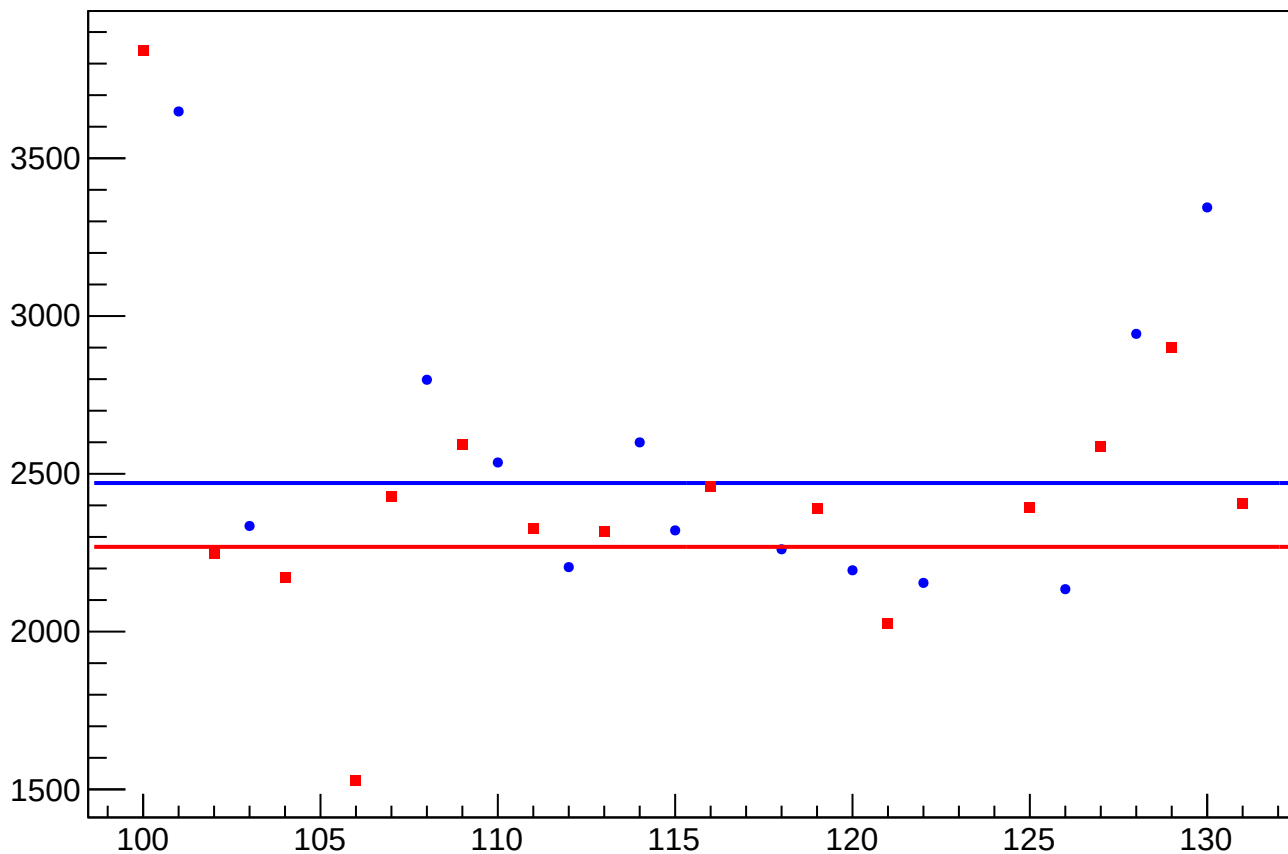
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 145.221 $\pm$ 700.285 χ^2 /NDF: 27.1/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_dit_correction_rms vs Slug



Right In: 2470.851+/-0.758 χ^2/NDF : 318736.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2268.552+/-0.654 χ^2/NDF : 272692.2/14

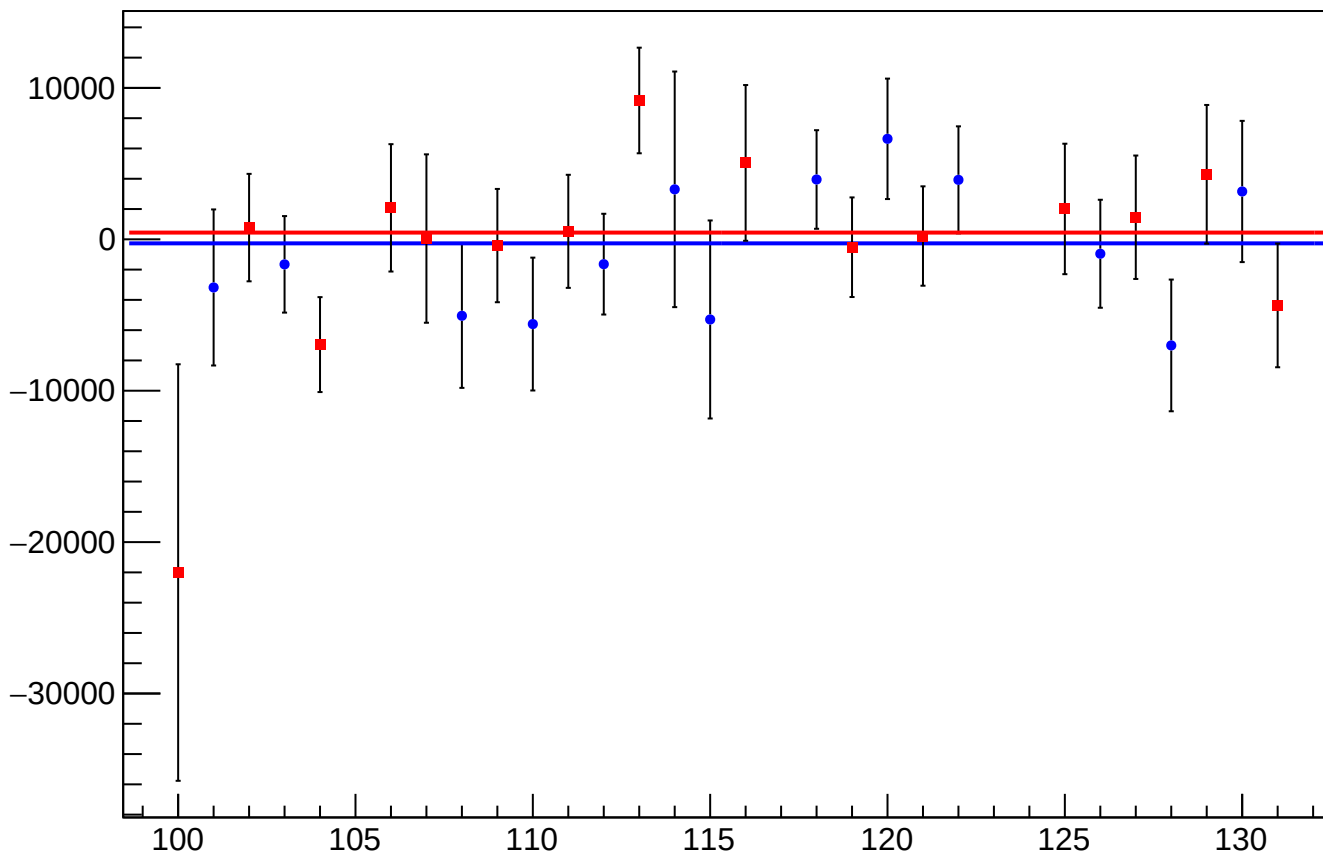
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2354.961+/-0.495 χ^2/NDF : 632268.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_mean vs Slug



Right In: -266.752 ± 1134.278 $\chi^2/\text{NDF}: 13.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 444.794 ± 1028.518 $\chi^2/\text{NDF}: 17.9/14$

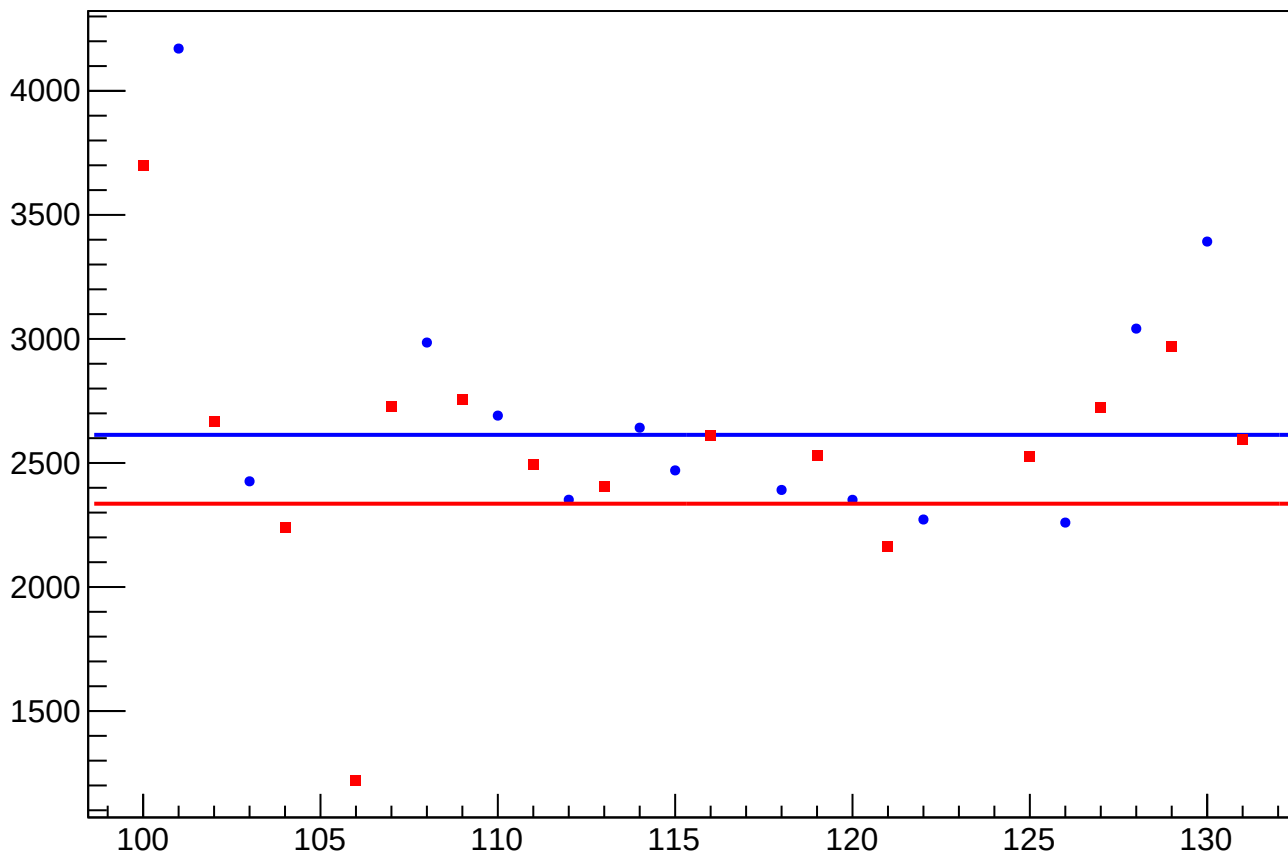
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 123.732 ± 761.925 $\chi^2/\text{NDF}: 31.1/27$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_usl_atl2_dd_rms vs Slug



Right In: 2613.372 $\pm$ 0.802 χ^2 /NDF: 347137.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2335.823 $\pm$ 0.691 χ^2 /NDF: 556174.4/14

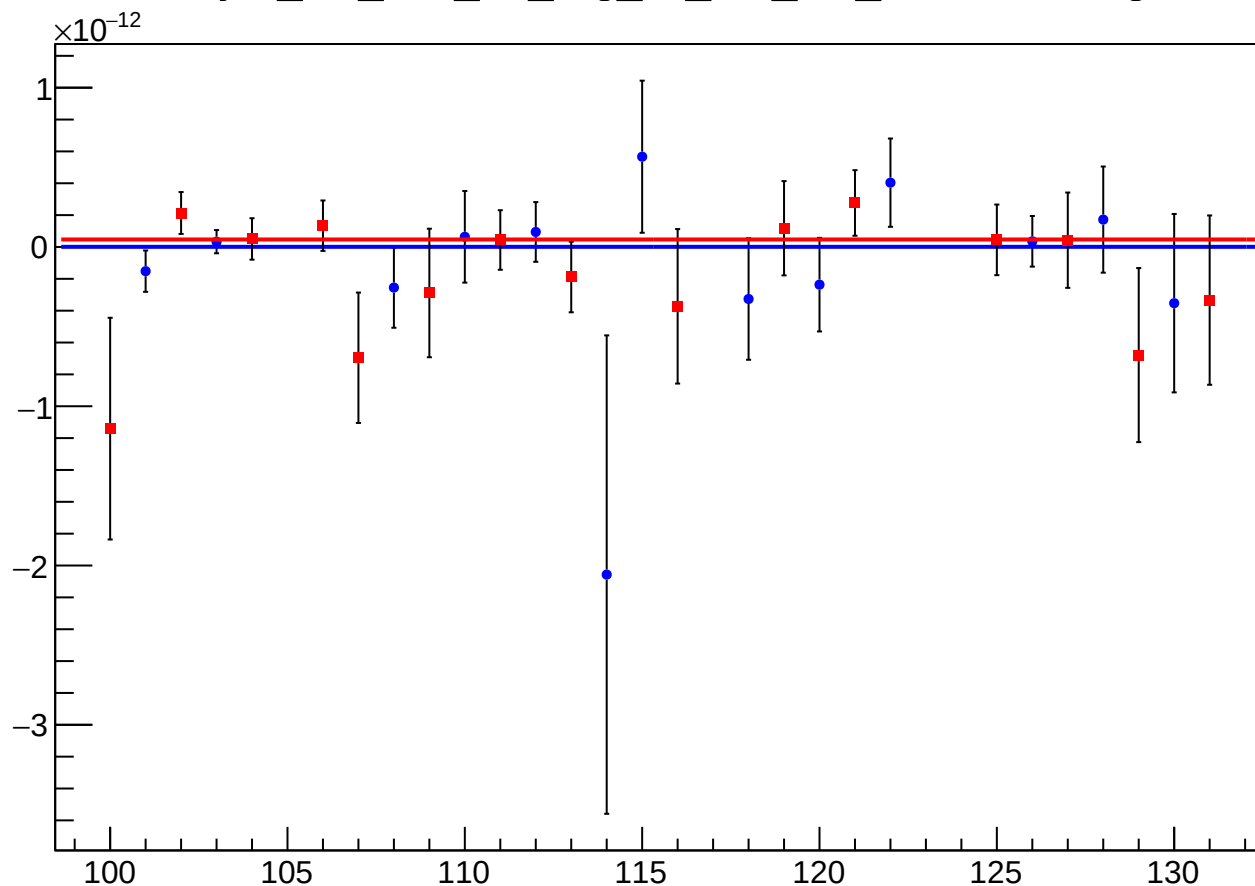
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2454.157 $\pm$ 0.524 χ^2 /NDF: 972005.3/27

- sign 0.000 $\pm$ 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: 10.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.2/14

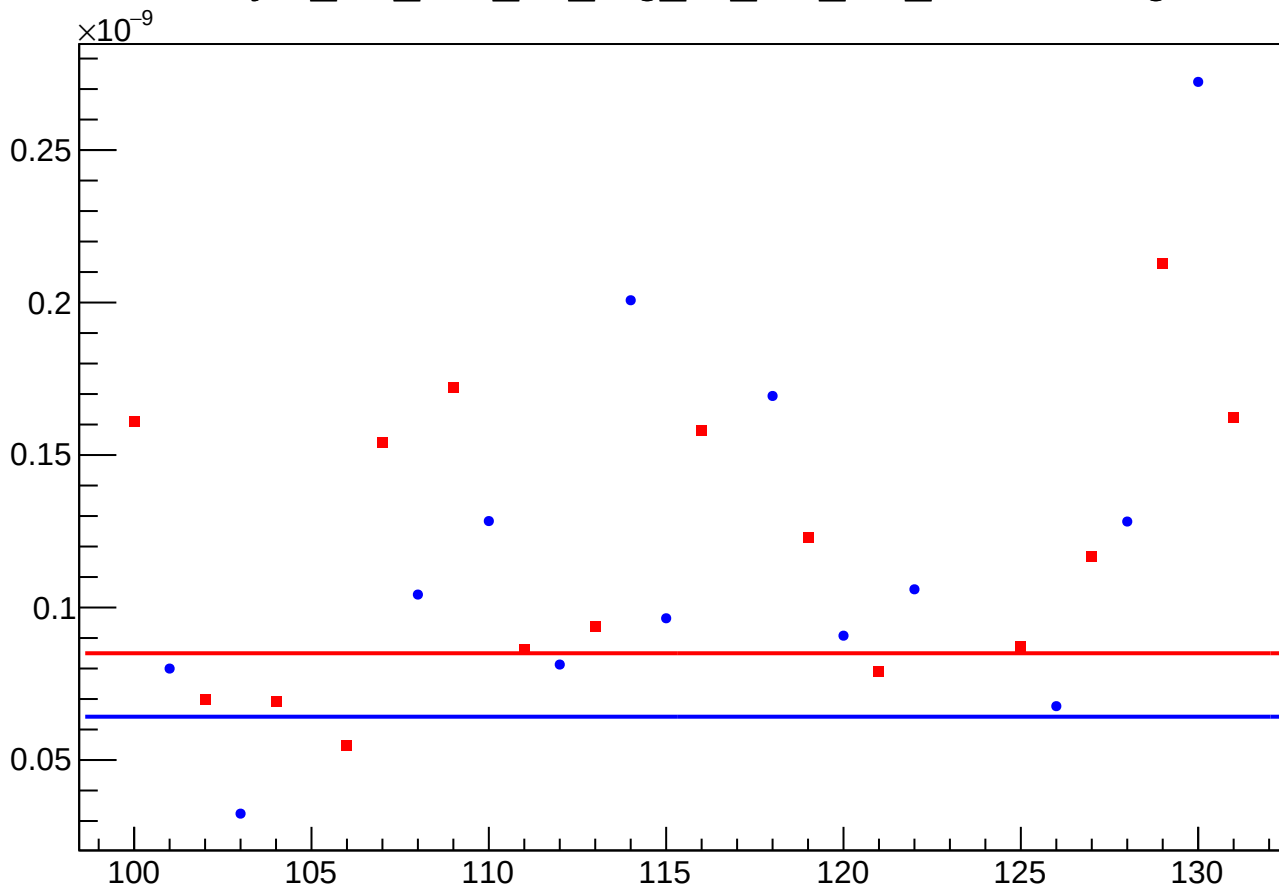
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 25.0/27

- 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 : 1166650.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 560528.7/14

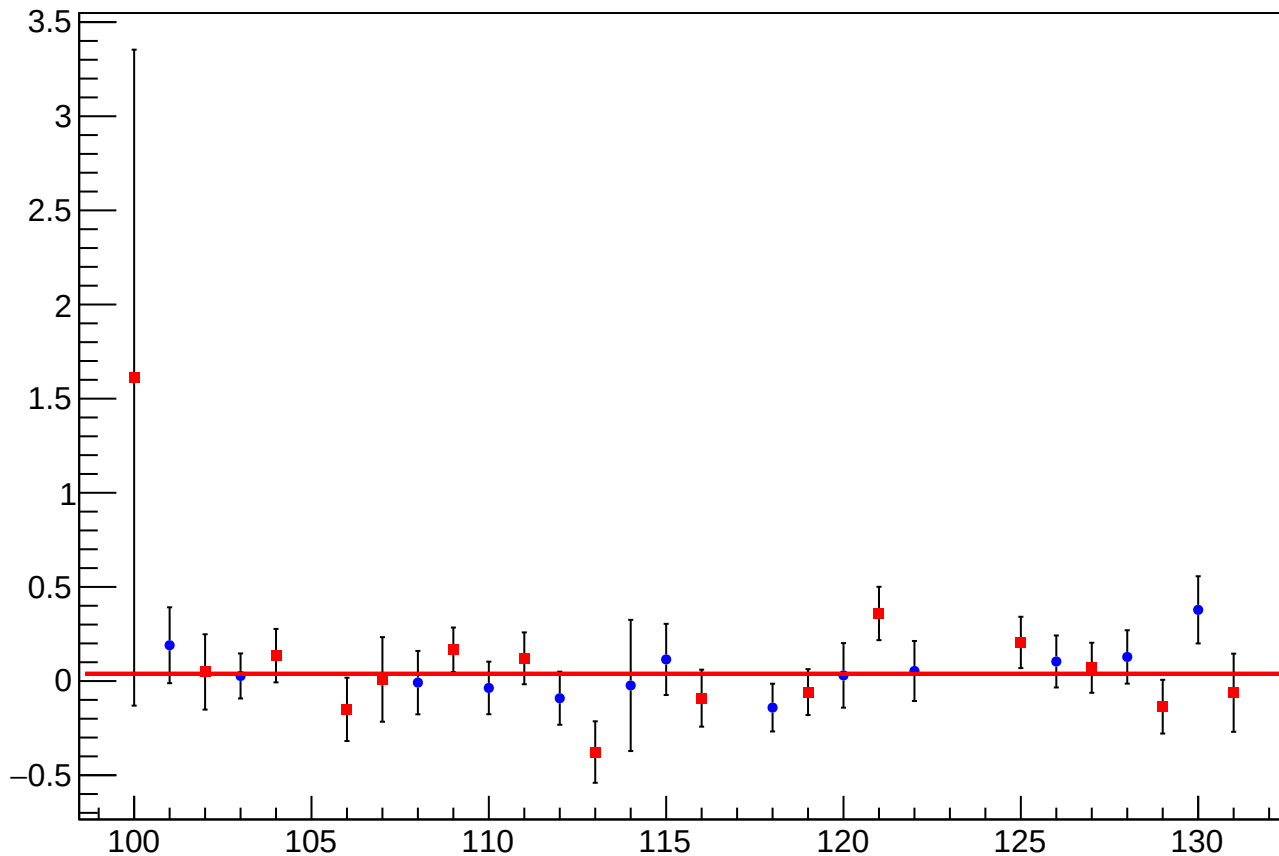
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1873617.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.039+/-0.043 χ^2/NDF : 8.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.038+/-0.040 χ^2/NDF : 20.3/14

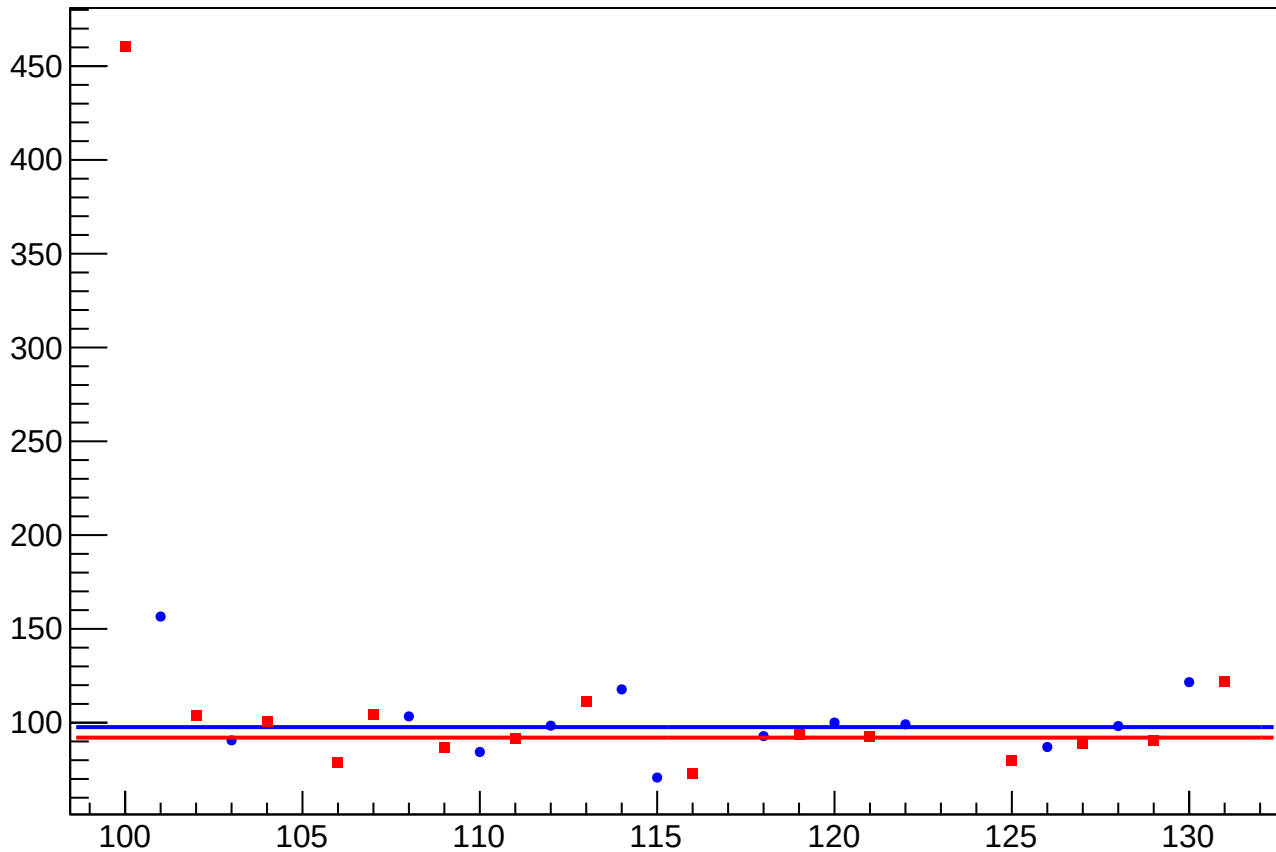
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.039+/-0.029 χ^2/NDF : 28.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 97.635+/-0.031 χ^2/NDF : 296705.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.044+/-0.028 χ^2/NDF : 243723.7/14

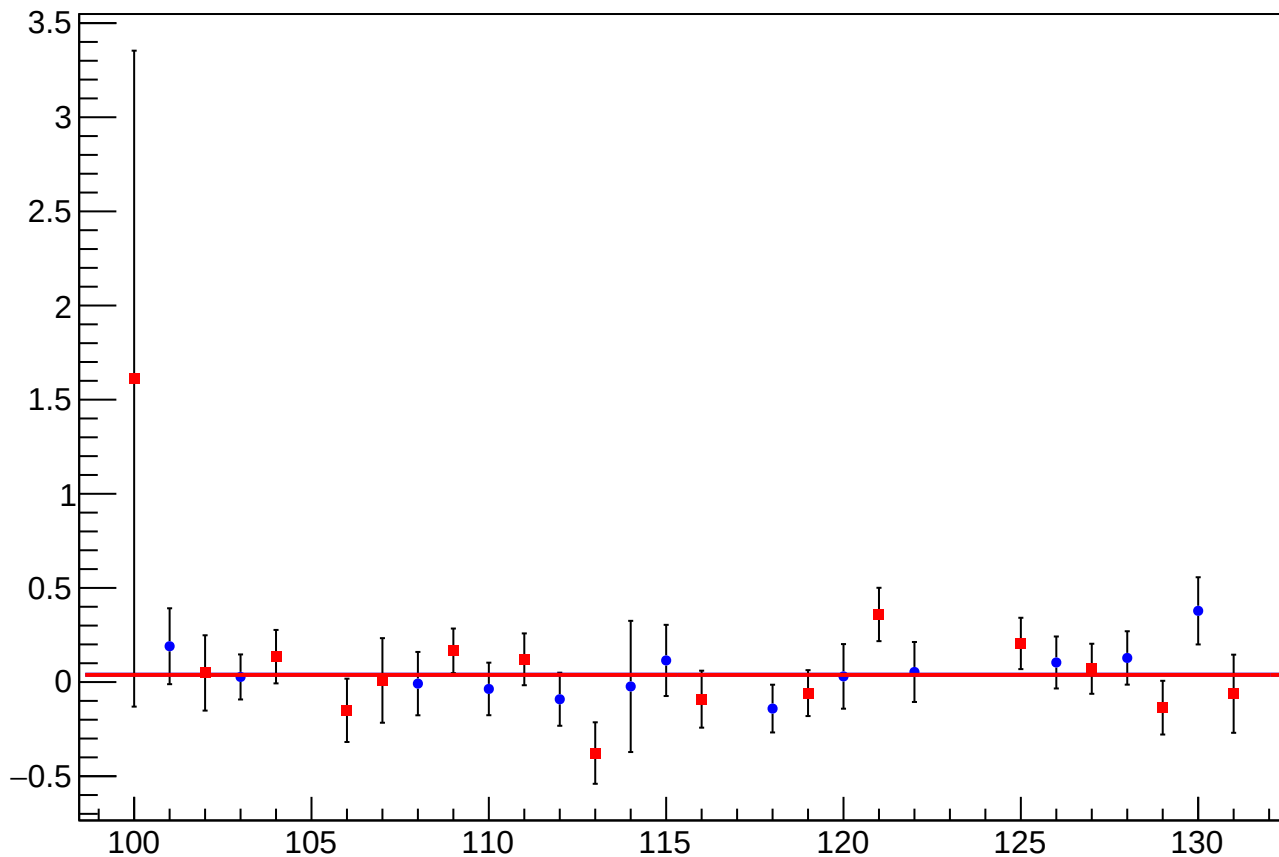
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.605+/-0.021 χ^2/NDF : 558620.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.039 $\pm$ 0.043 χ^2 /NDF: 8.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.038 $\pm$ 0.040 χ^2 /NDF: 20.3/14

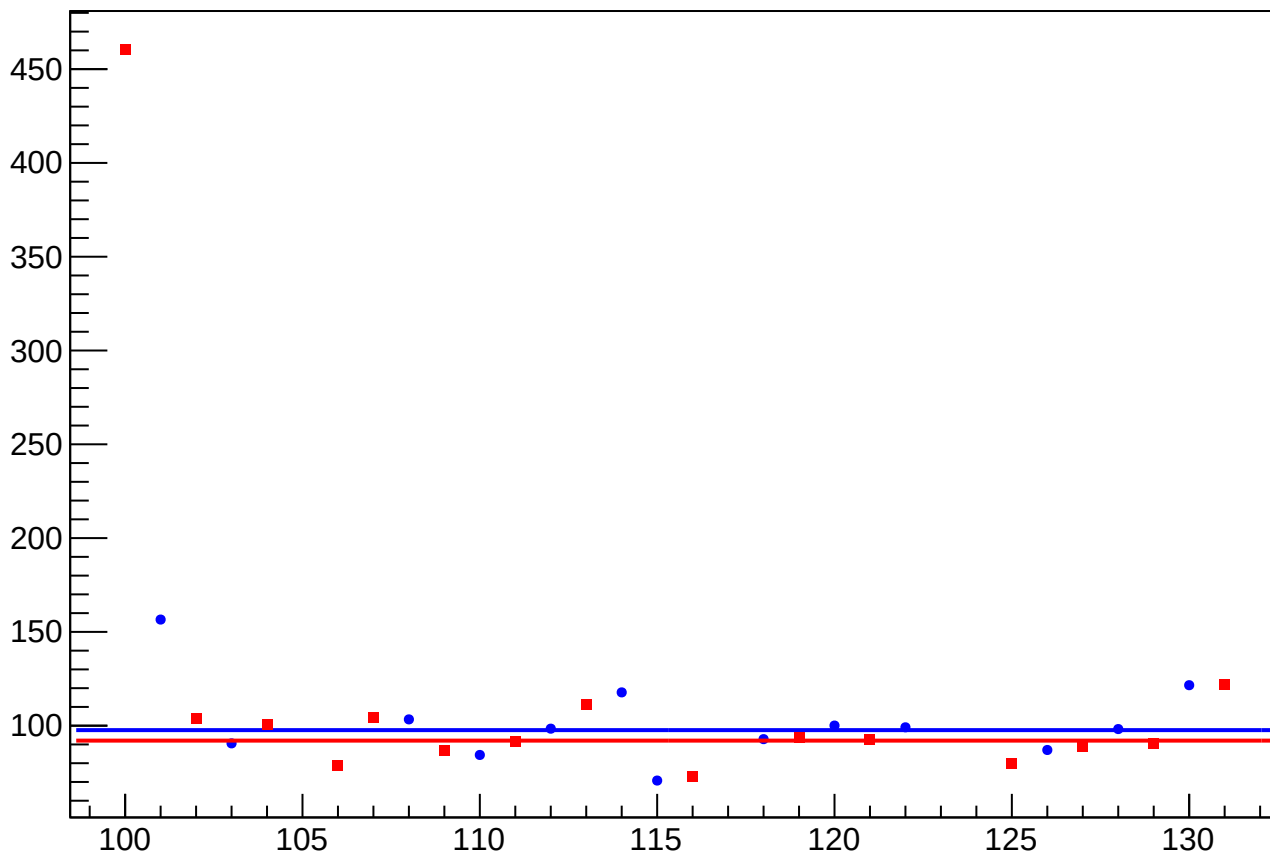
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.039 $\pm$ 0.029 χ^2 /NDF: 28.6/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 97.635+/-0.031 χ^2/NDF : 296705.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

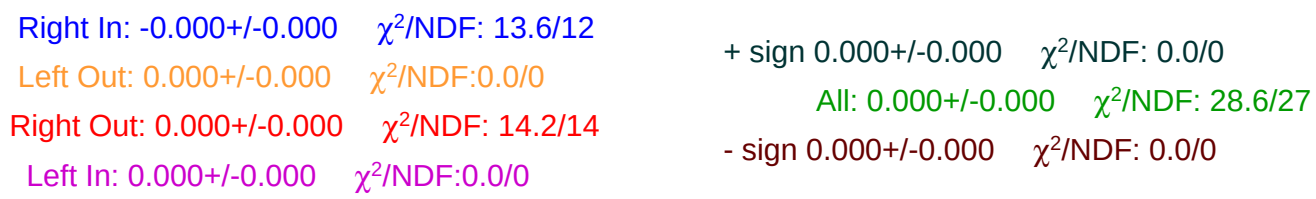
Right Out: 92.044+/-0.028 χ^2/NDF : 243723.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.605+/-0.021 χ^2/NDF : 558620.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

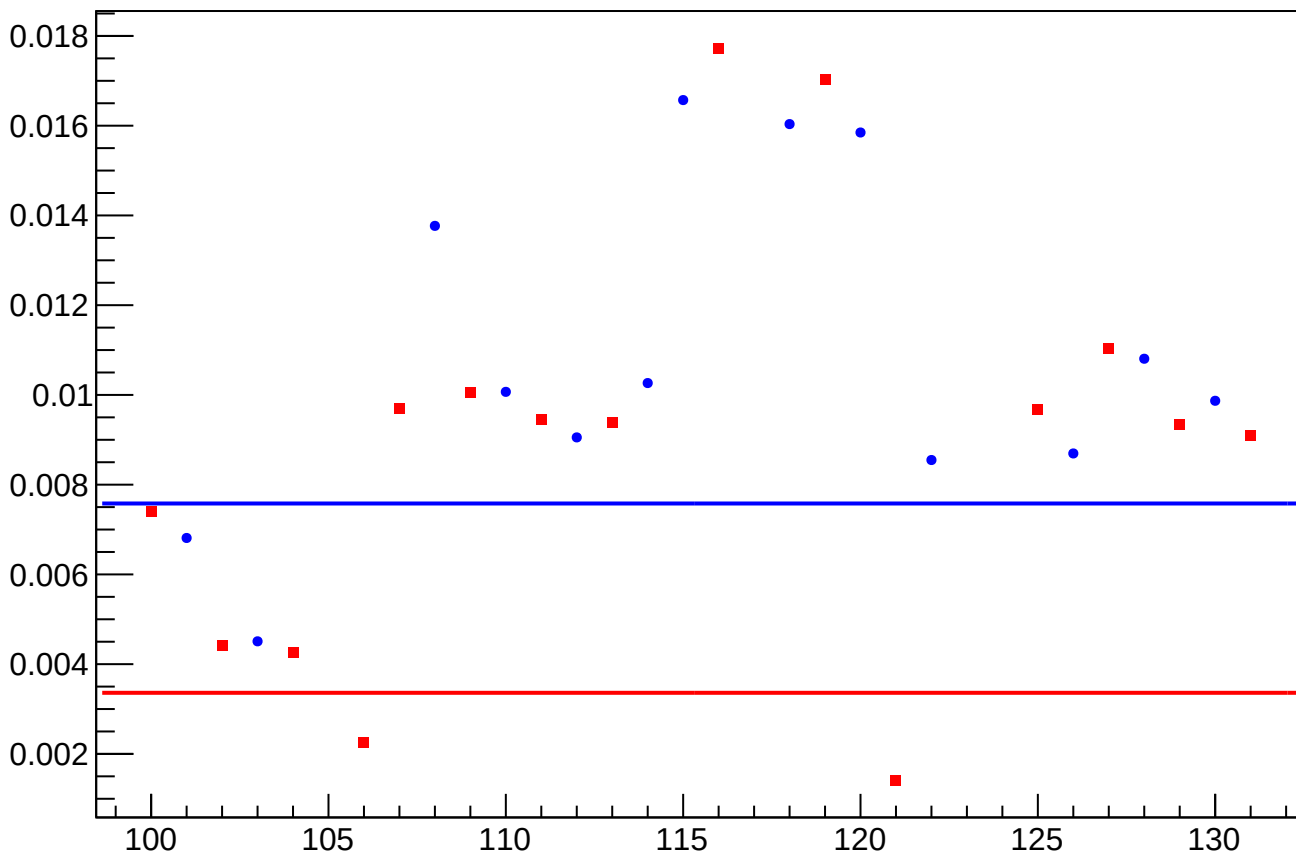
$\times 10^{-3}$ + sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 1545334.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 5195054.6/14

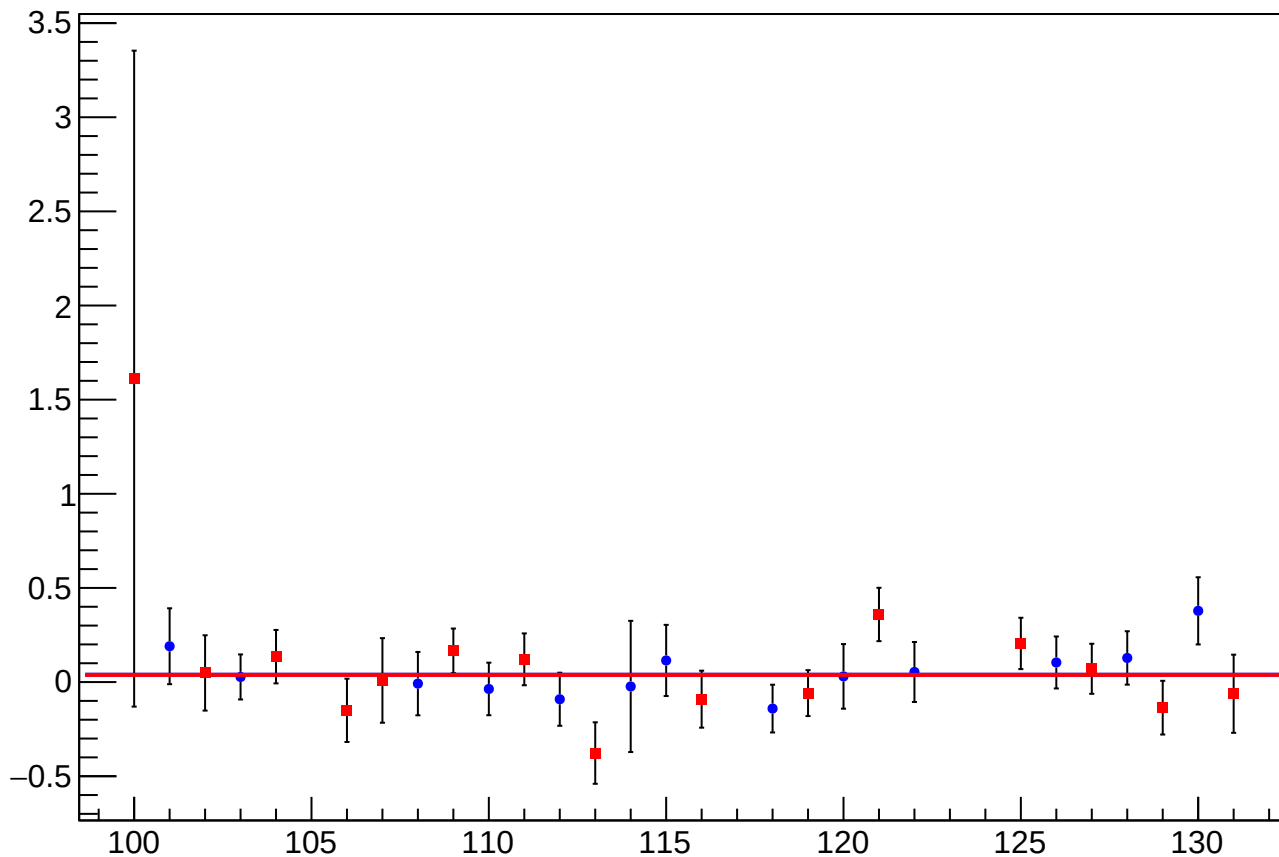
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 8967393.1/27

- 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: 0.039 $\pm$ 0.043 χ^2 /NDF: 8.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.038 $\pm$ 0.040 χ^2 /NDF: 20.3/14

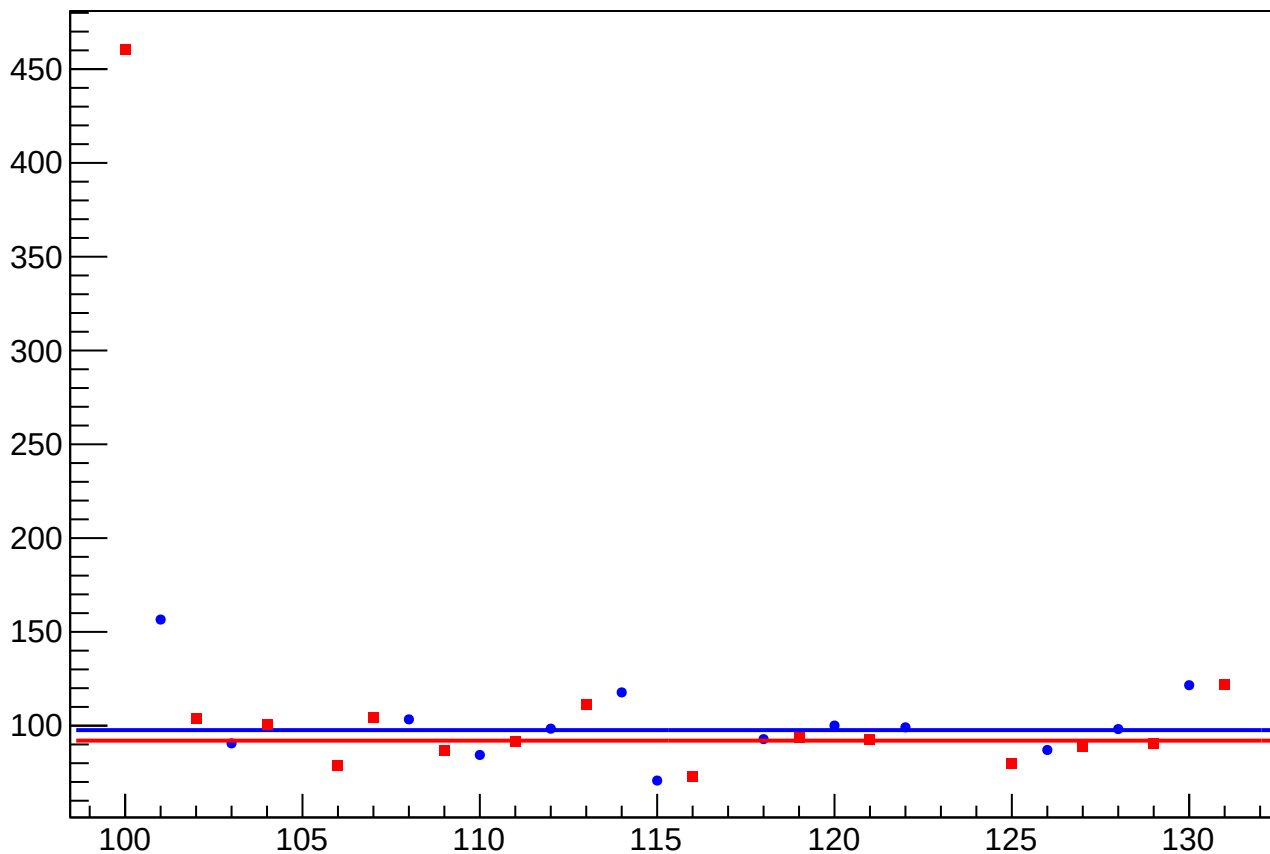
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.039 $\pm$ 0.029 χ^2 /NDF: 28.6/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 97.636+/-0.031 χ^2/NDF : 296658.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.045+/-0.028 χ^2/NDF : 243673.2/14

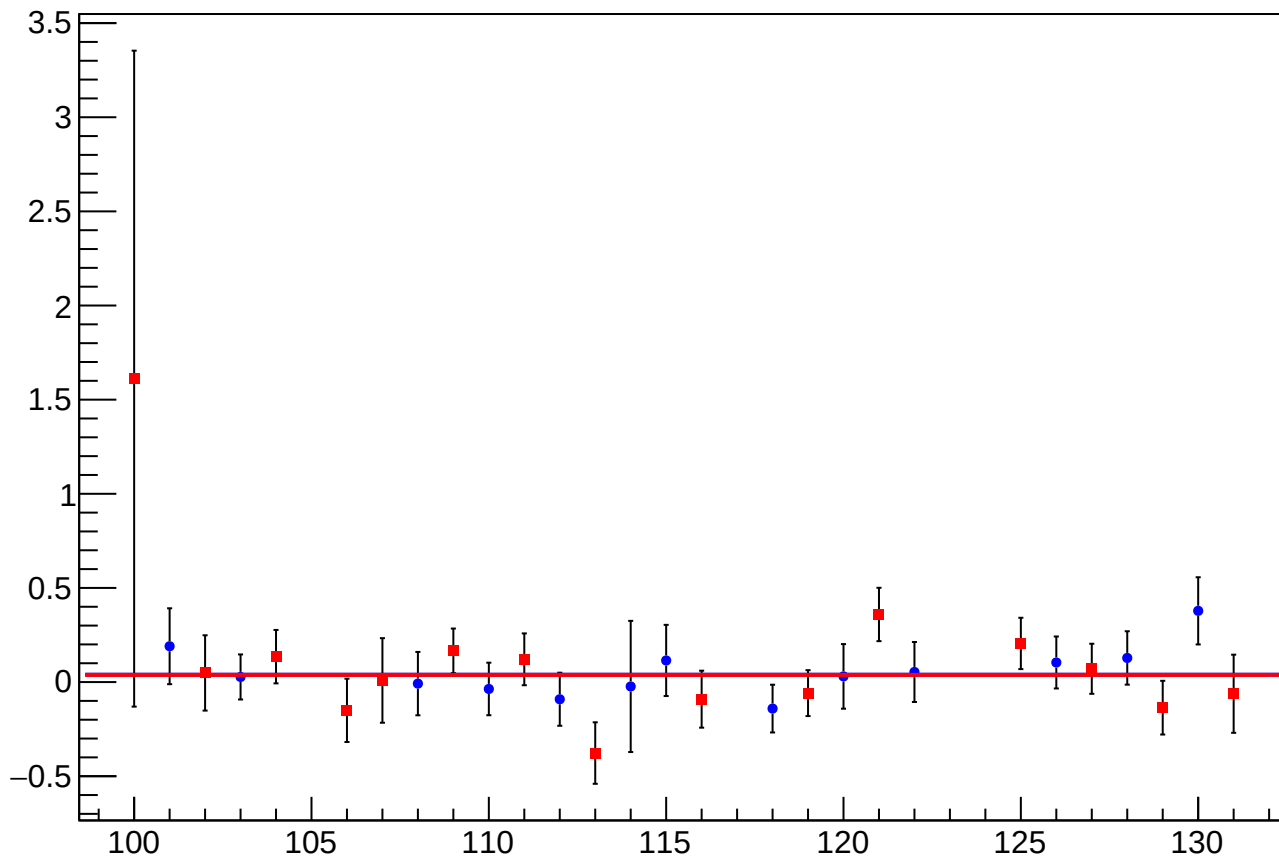
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.606+/-0.021 χ^2/NDF : 558520.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.039+/-0.043 χ^2/NDF : 8.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.038+/-0.040 χ^2/NDF : 20.3/14

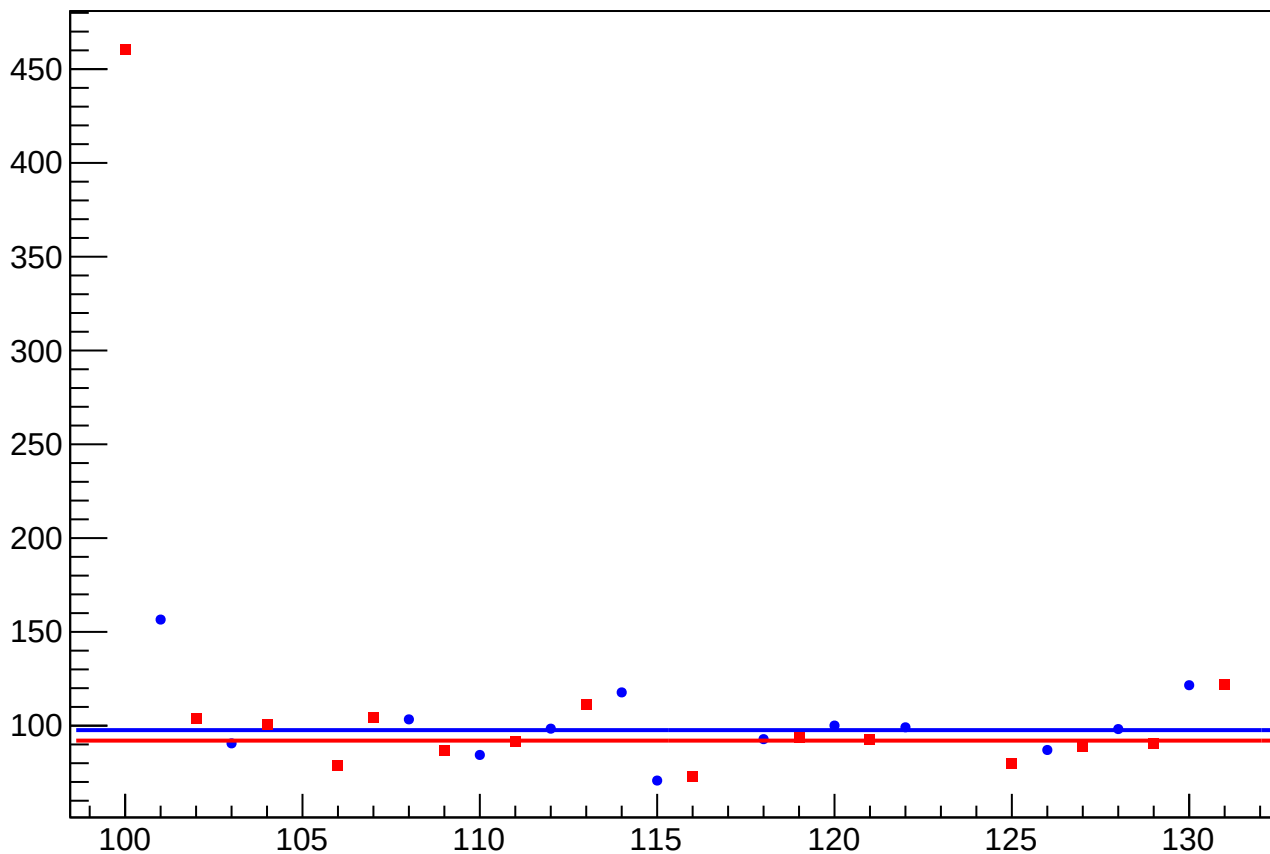
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.039+/-0.029 χ^2/NDF : 28.6/27

- 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: 97.636 $\pm$ 0.031 χ^2 /NDF: 296658.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 92.045 $\pm$ 0.028 χ^2 /NDF: 243673.2/14

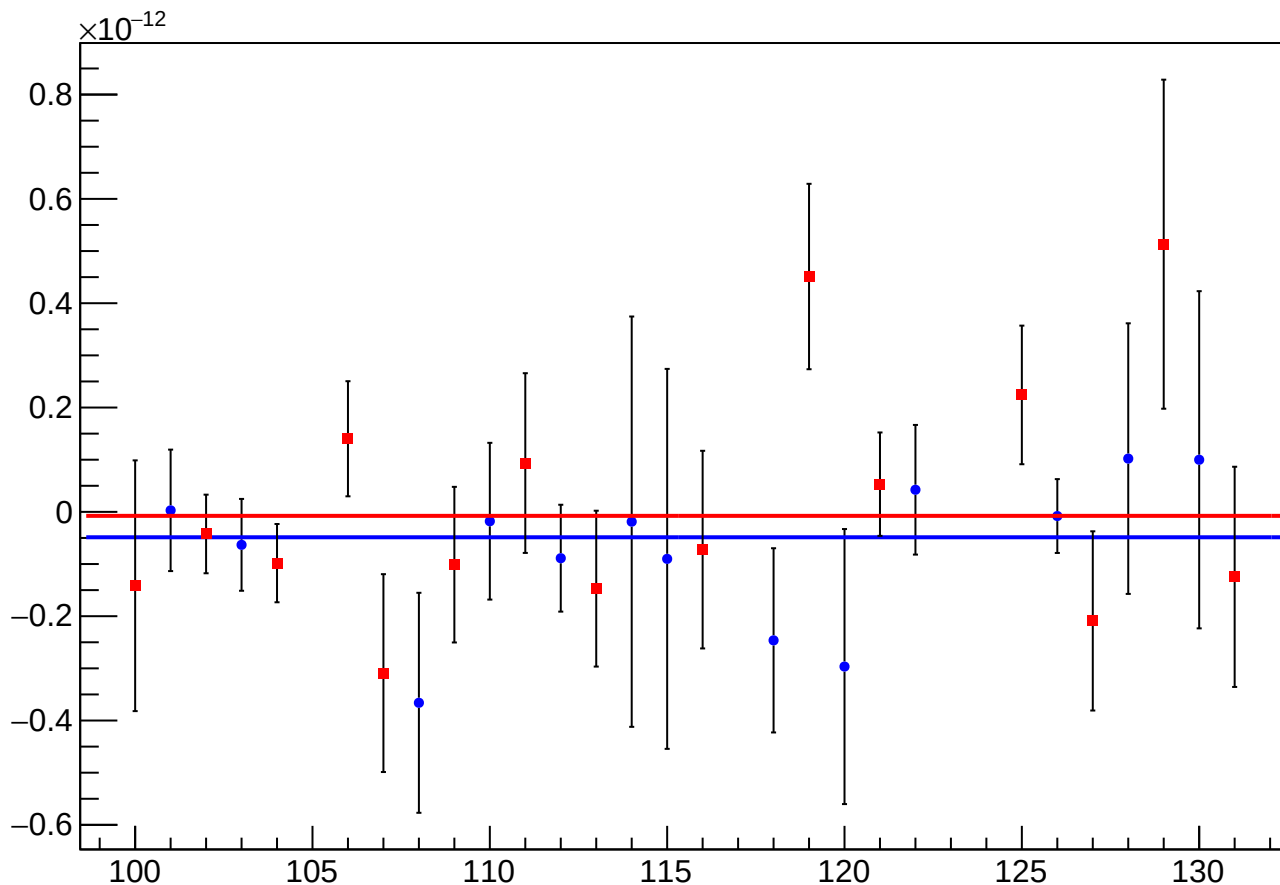
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 94.606 $\pm$ 0.021 χ^2 /NDF: 558520.0/27

- 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 $\pm$ 0.000 χ^2 /NDF: 6.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.5/14

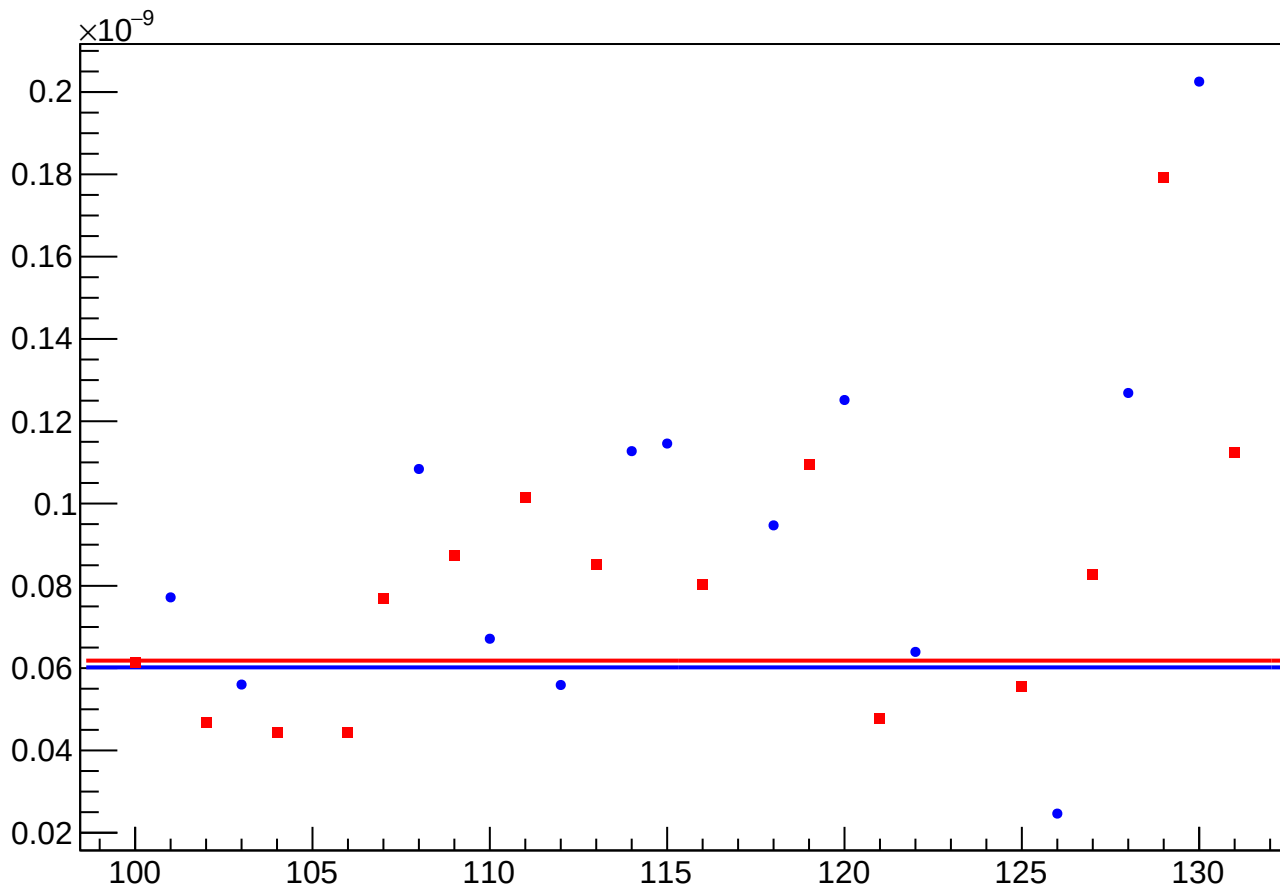
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 29.4/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1463635.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1096162.0/14

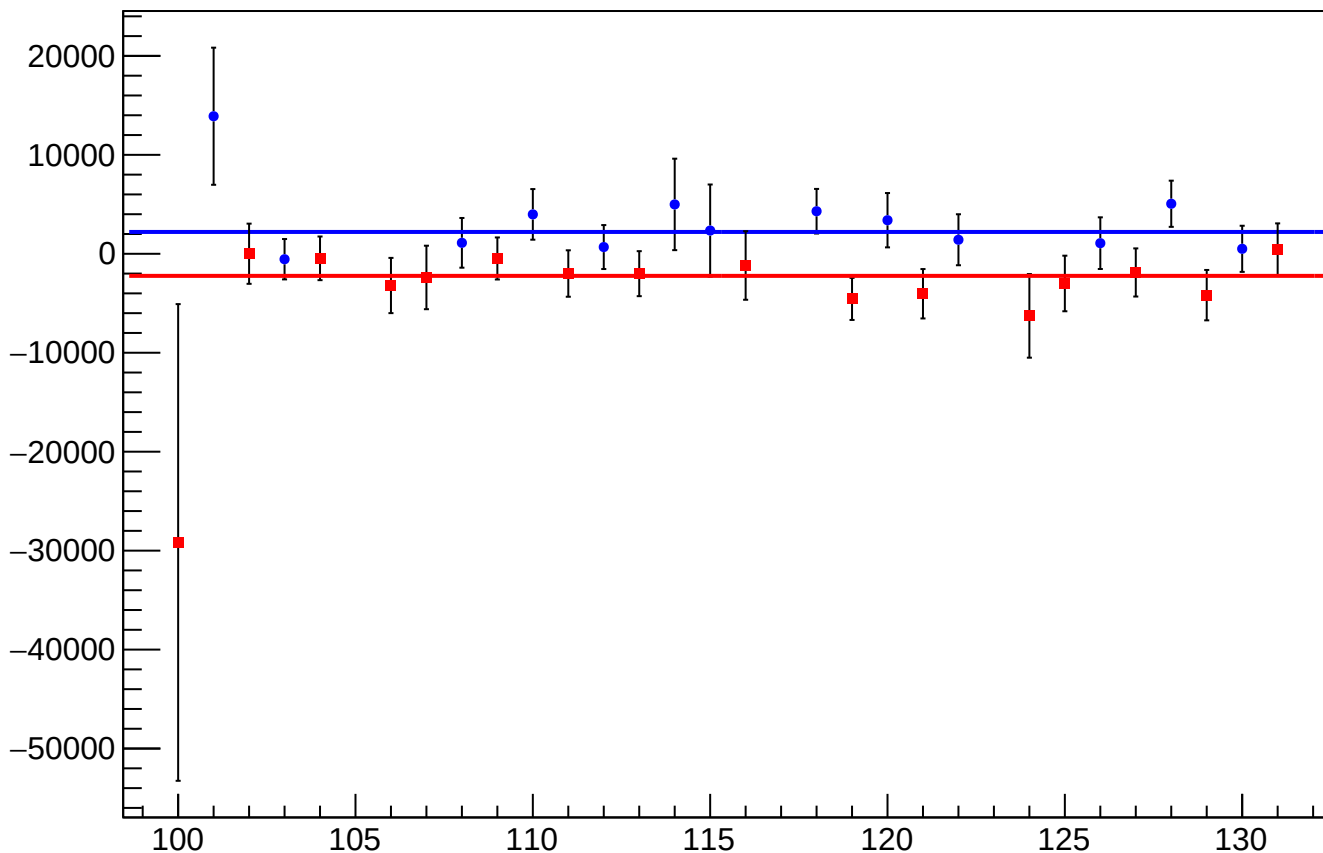
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2561932.3/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_avg_mean vs Slug



Right In: 2207.938+/-732.728 χ^2/NDF : 9.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2230.645+/-666.048 χ^2/NDF : 7.7/15

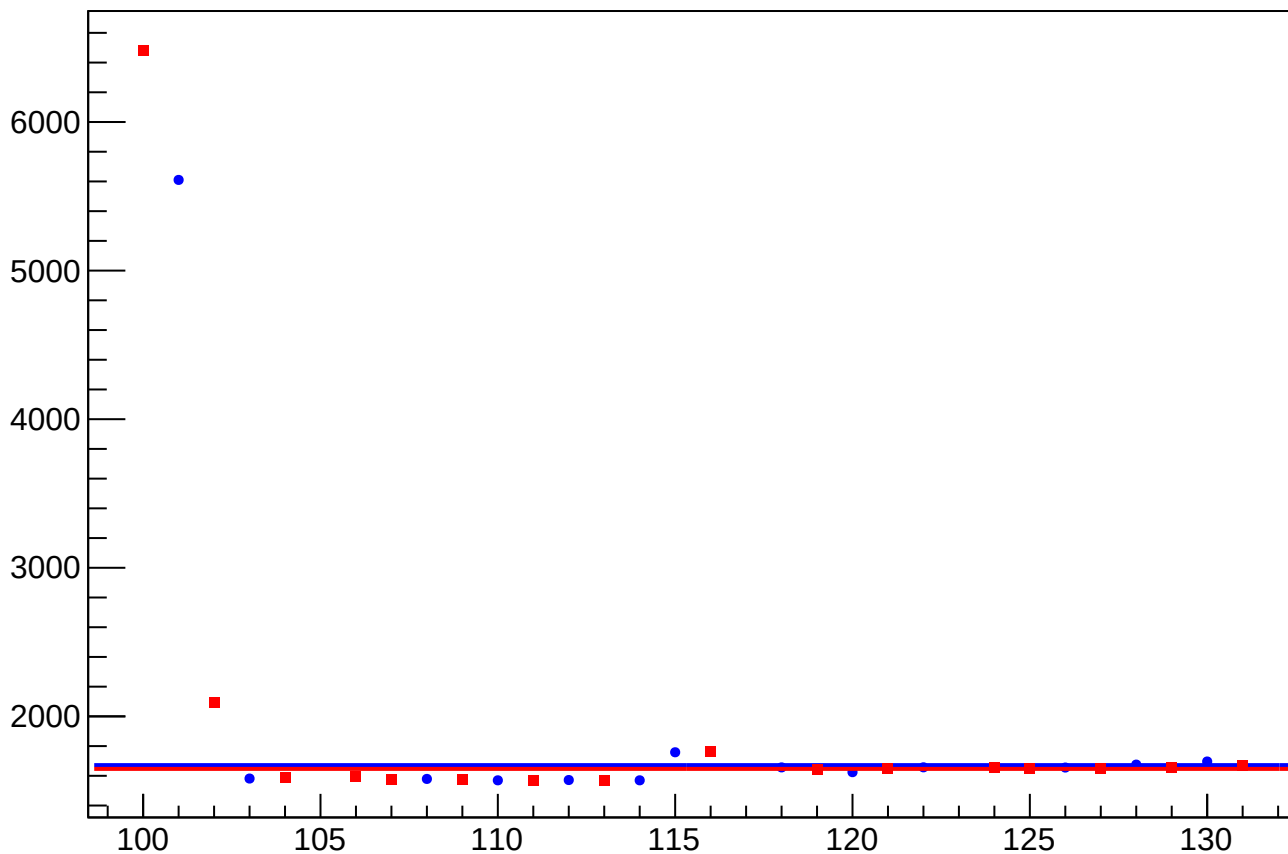
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -222.462+/-492.858 χ^2/NDF : 37.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_avg_rms vs Slug



Right In: 1671.997 $\pm$ 0.518 χ^2 /NDF: 662810.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1646.573 $\pm$ 0.471 χ^2 /NDF: 136543.9/15

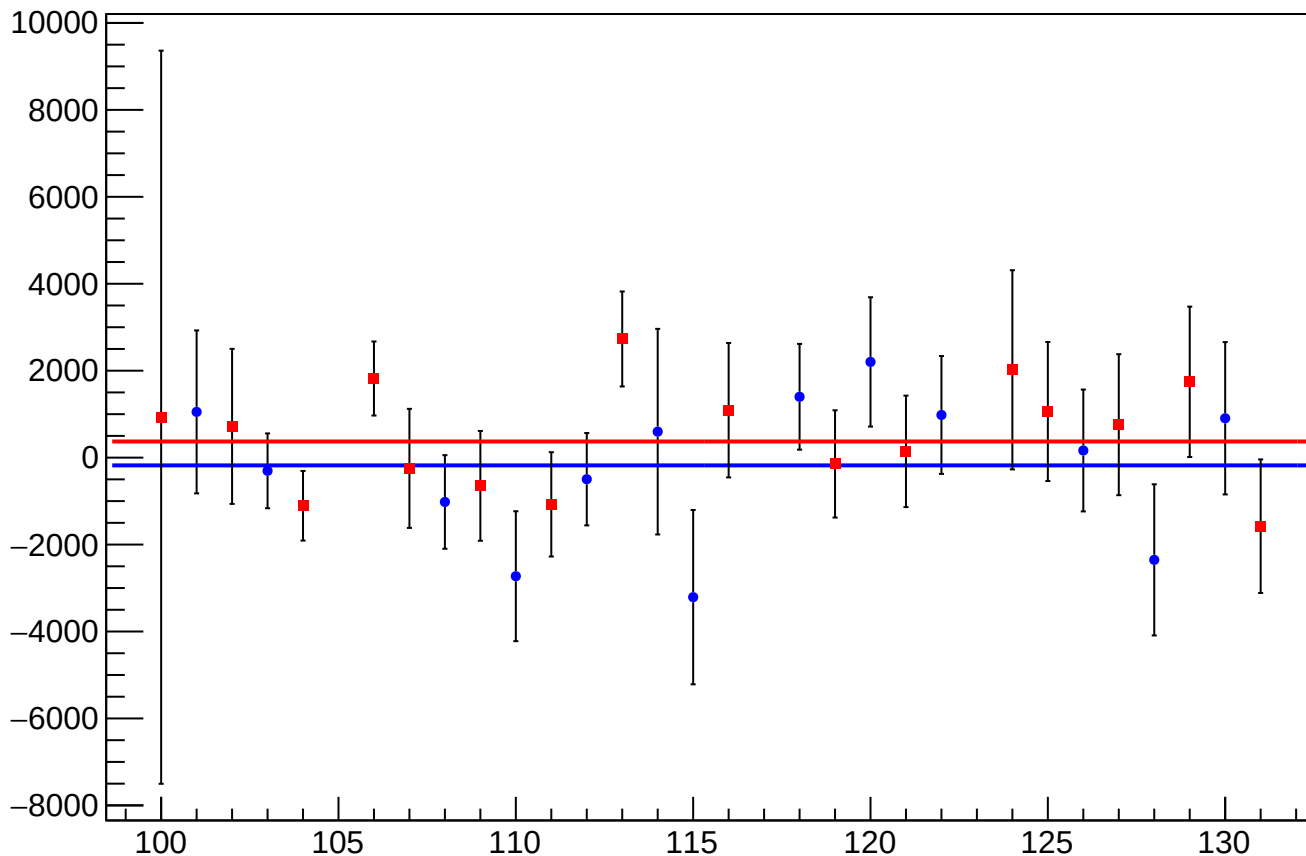
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1658.076 $\pm$ 0.349 χ^2 /NDF: 800673.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_reg_correction_mean vs Slug



Right In: -178.557+/-375.411 χ^2/NDF : 13.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 371.396+/-326.868 χ^2/NDF : 16.7/15

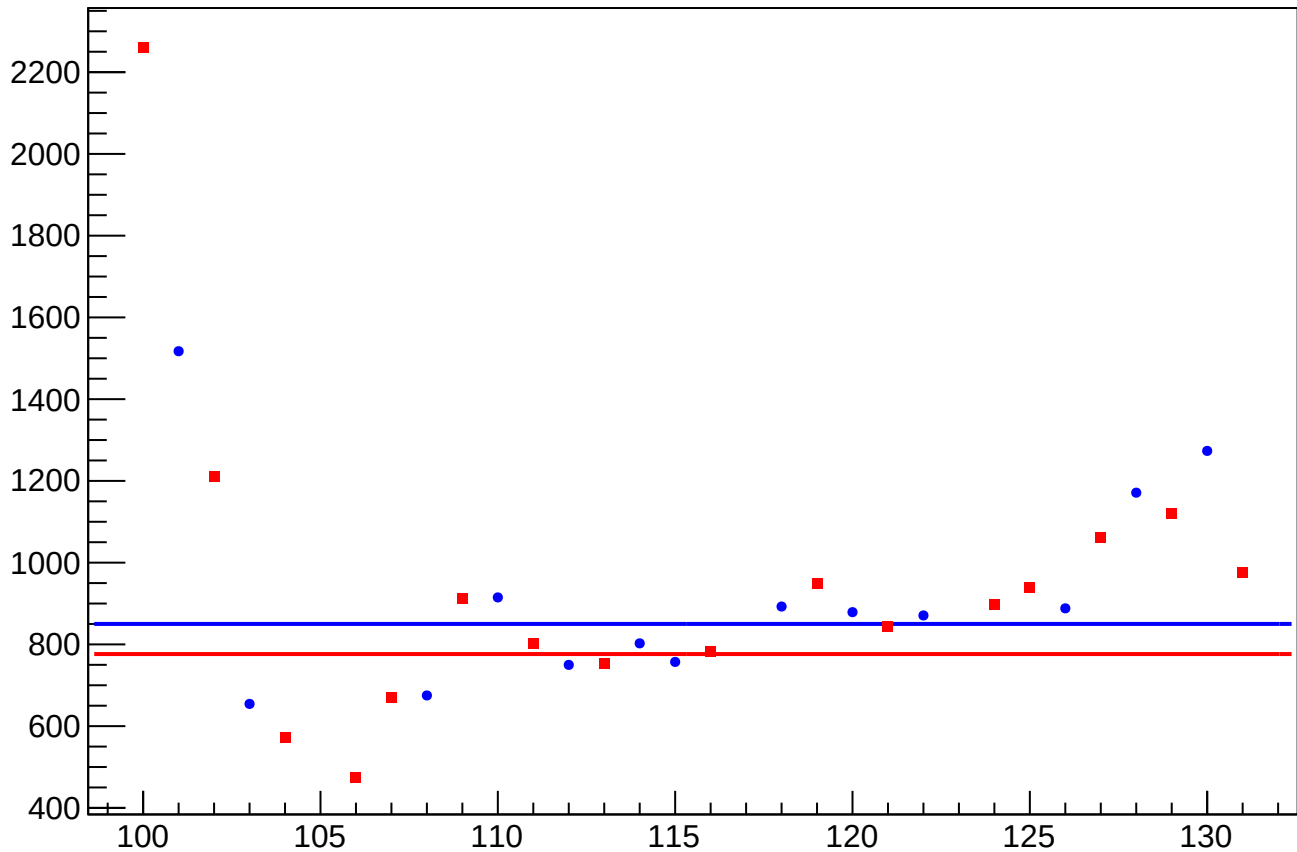
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.252+/-246.519 χ^2/NDF : 31.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_reg_correction_rms vs Slug



Right In: 850.086+/-0.265 χ^2/NDF : 626432.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 776.388+/-0.231 χ^2/NDF : 845194.3/15

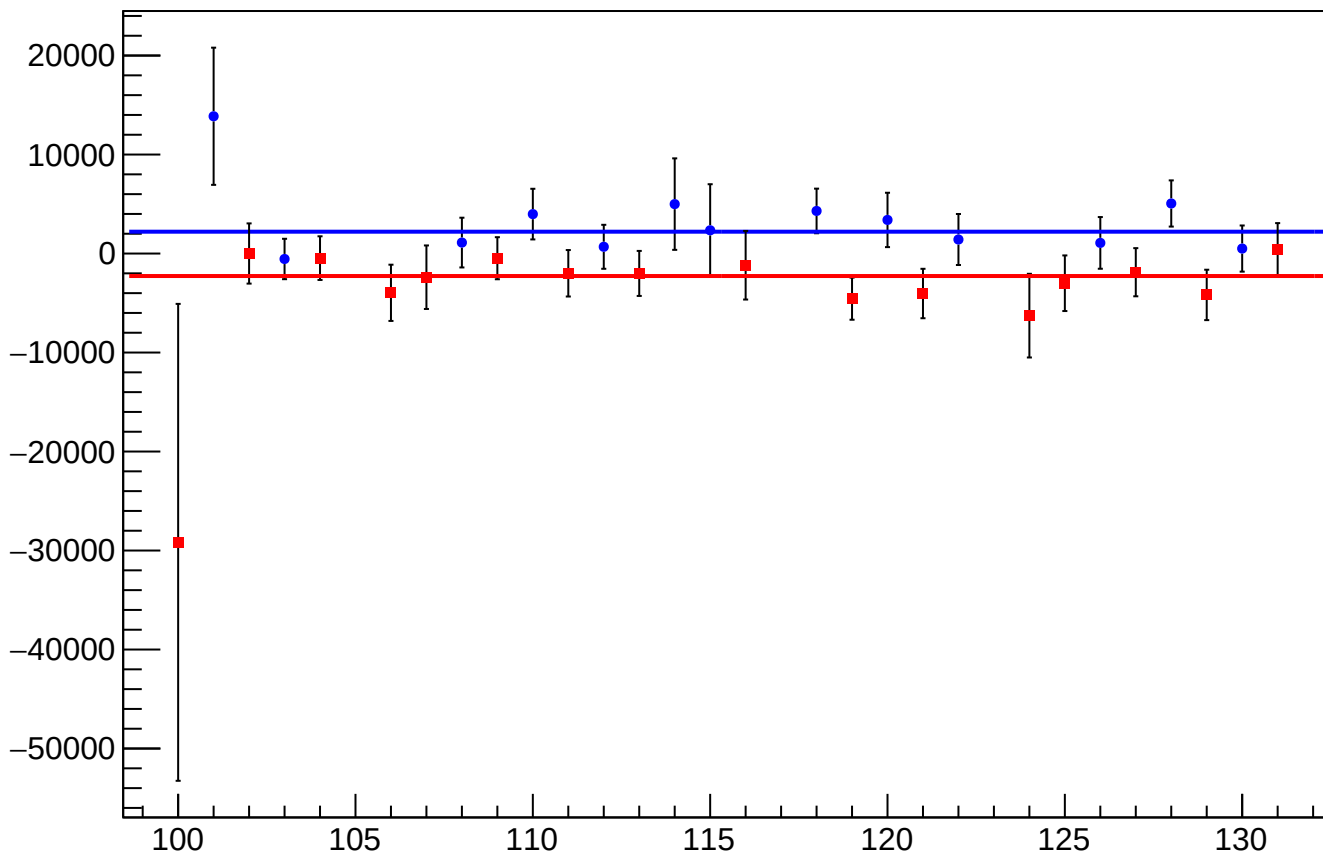
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 808.167+/-0.174 χ^2/NDF : 1515467.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr1_avg_mean vs Slug



Right In: 2207.247+/-732.728 χ^2/NDF : 9.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2271.247+/-666.702 χ^2/NDF : 8.0/15

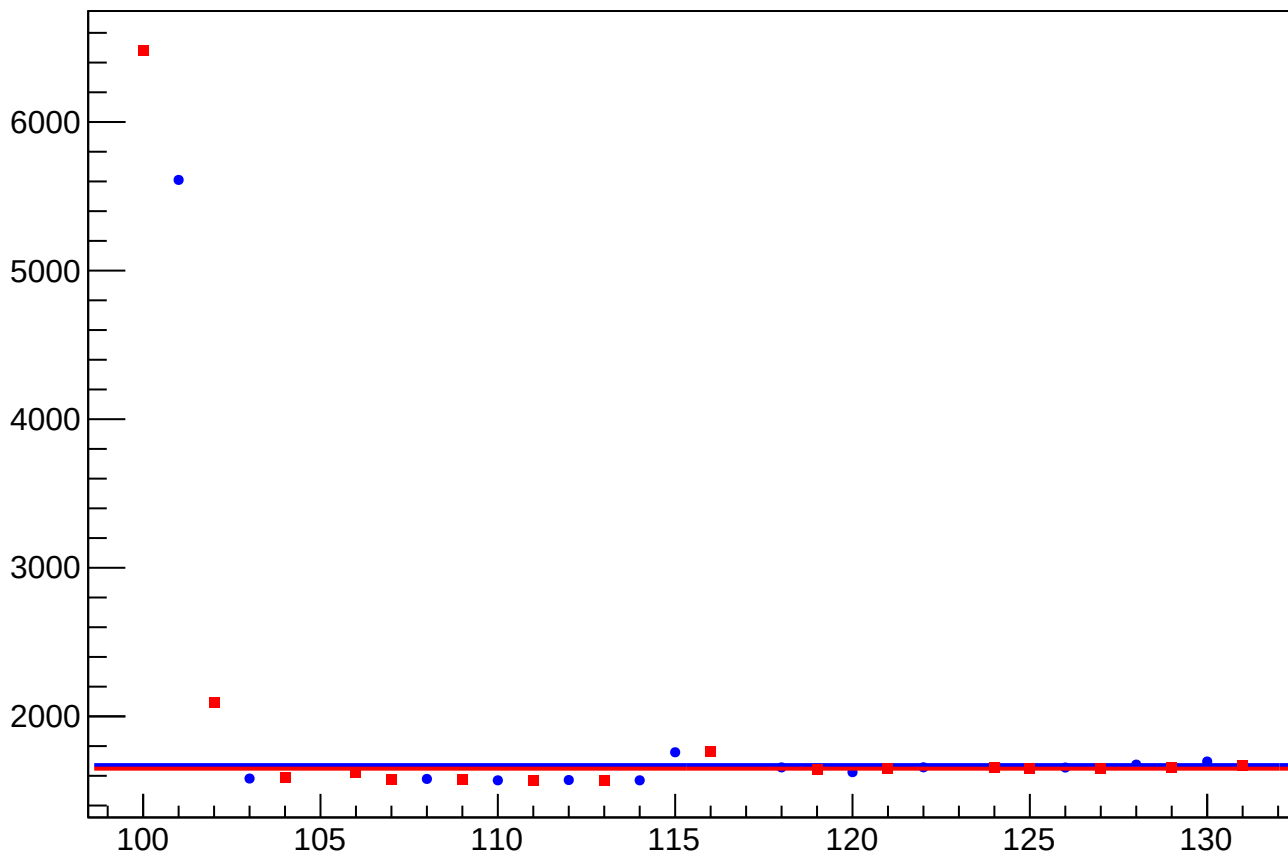
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -242.830+/-493.123 χ^2/NDF : 37.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr1_avg_rms vs Slug



Right In: 1671.997 $\pm$ 0.518 χ^2 /NDF: 662810.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1648.137 $\pm$ 0.471 χ^2 /NDF: 135983.1/15

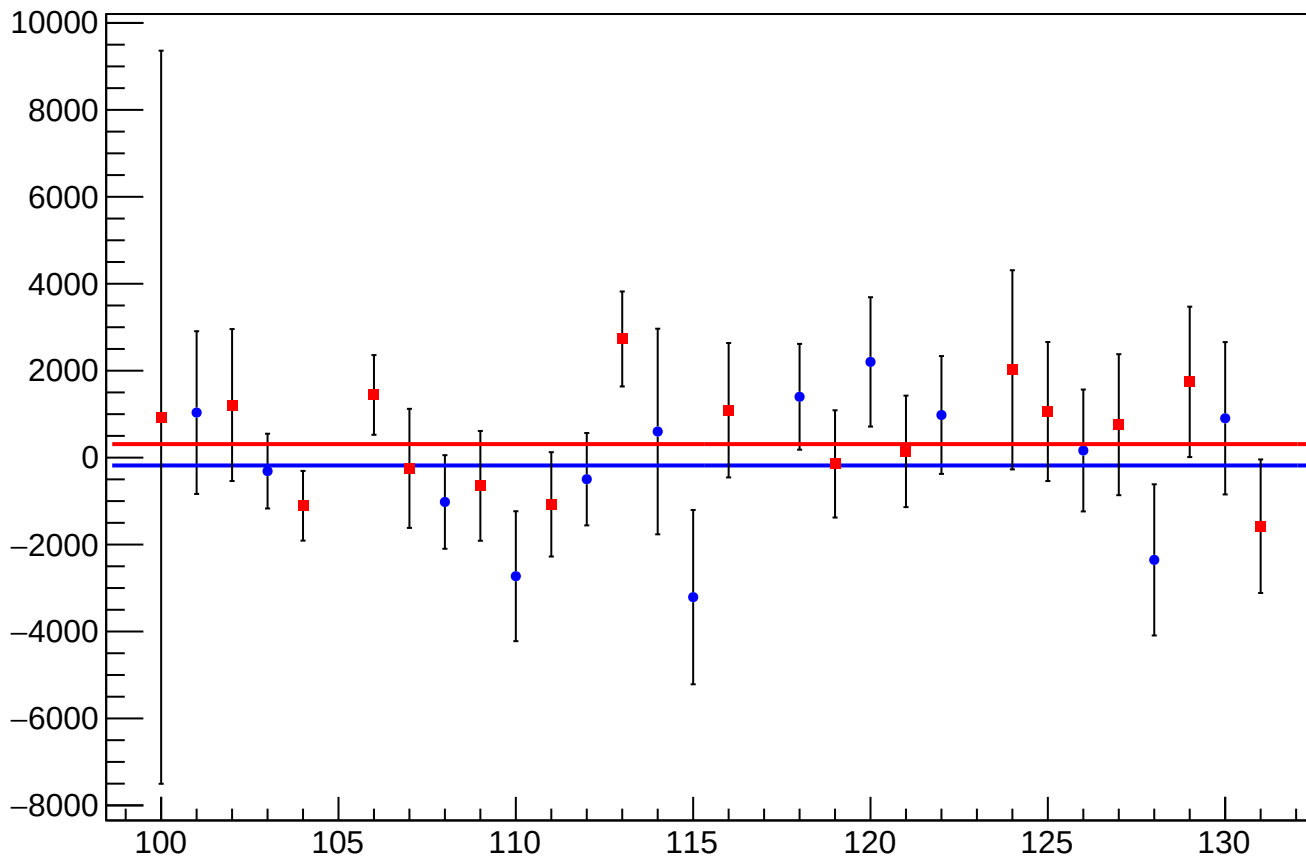
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1658.943 $\pm$ 0.349 χ^2 /NDF: 799953.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_cor_correction_mean vs Slug



Right In: -180.238+/-375.352 χ^2 /NDF: 13.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 310.960+/-330.031 χ^2 /NDF: 15.4/15

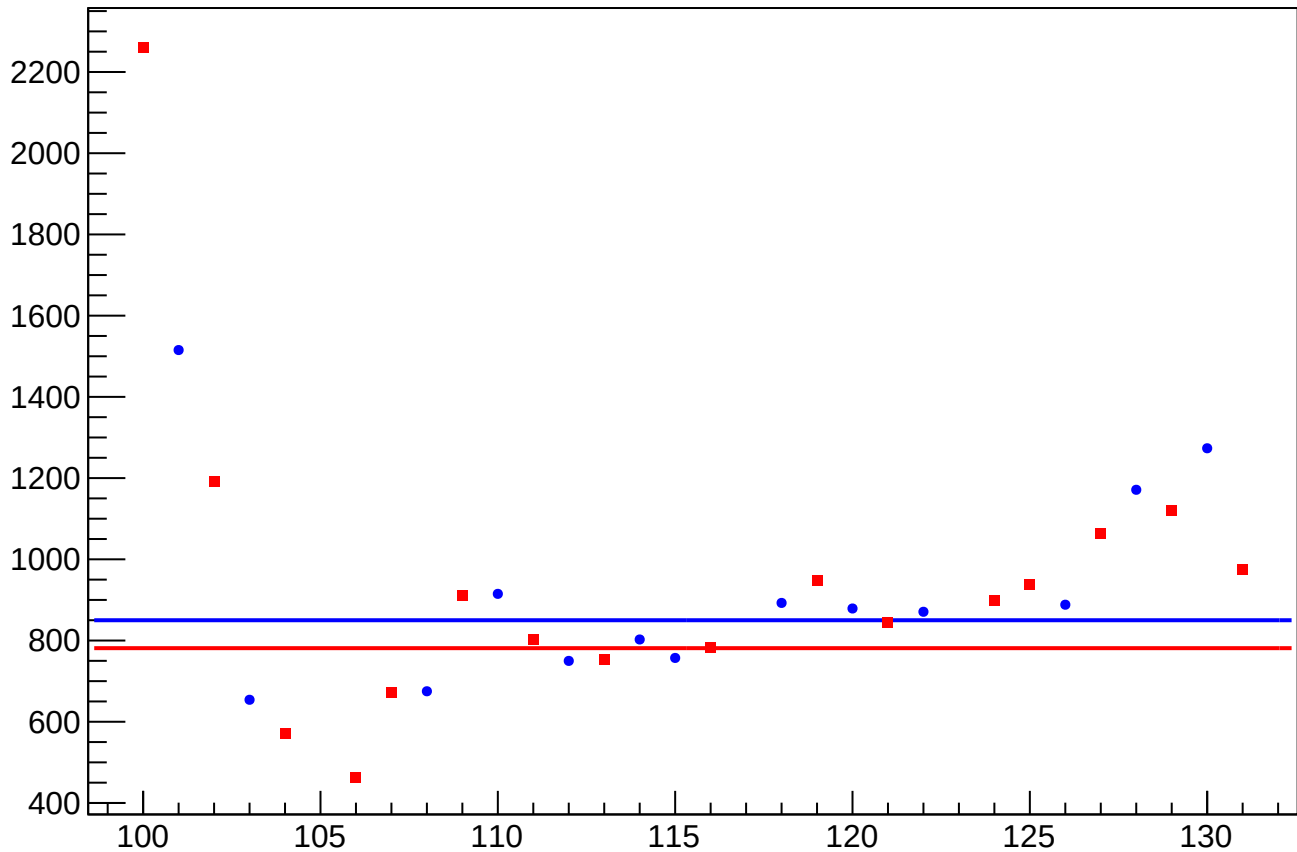
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 96.791+/-247.850 χ^2 /NDF: 29.7/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_cor_correction_rms vs Slug



Right In: 849.980+/-0.265 χ^2/NDF : 626071.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 781.218+/-0.233 χ^2/NDF : 820540.3/15

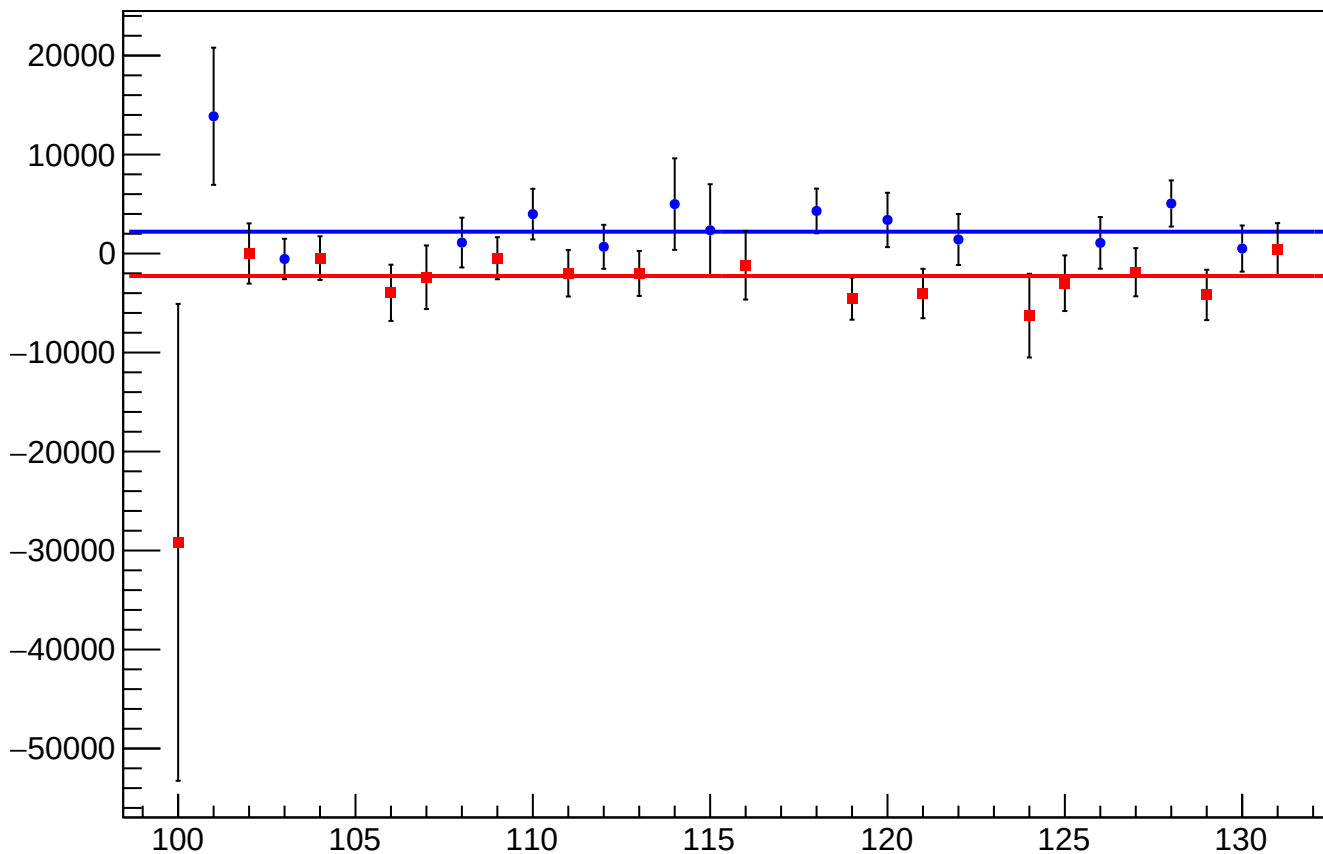
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 811.199+/-0.175 χ^2/NDF : 1484466.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr1_avg_mean vs Slug



Right In: 2207.247+/-732.728 χ^2/NDF : 9.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2271.247+/-666.702 χ^2/NDF : 8.0/15

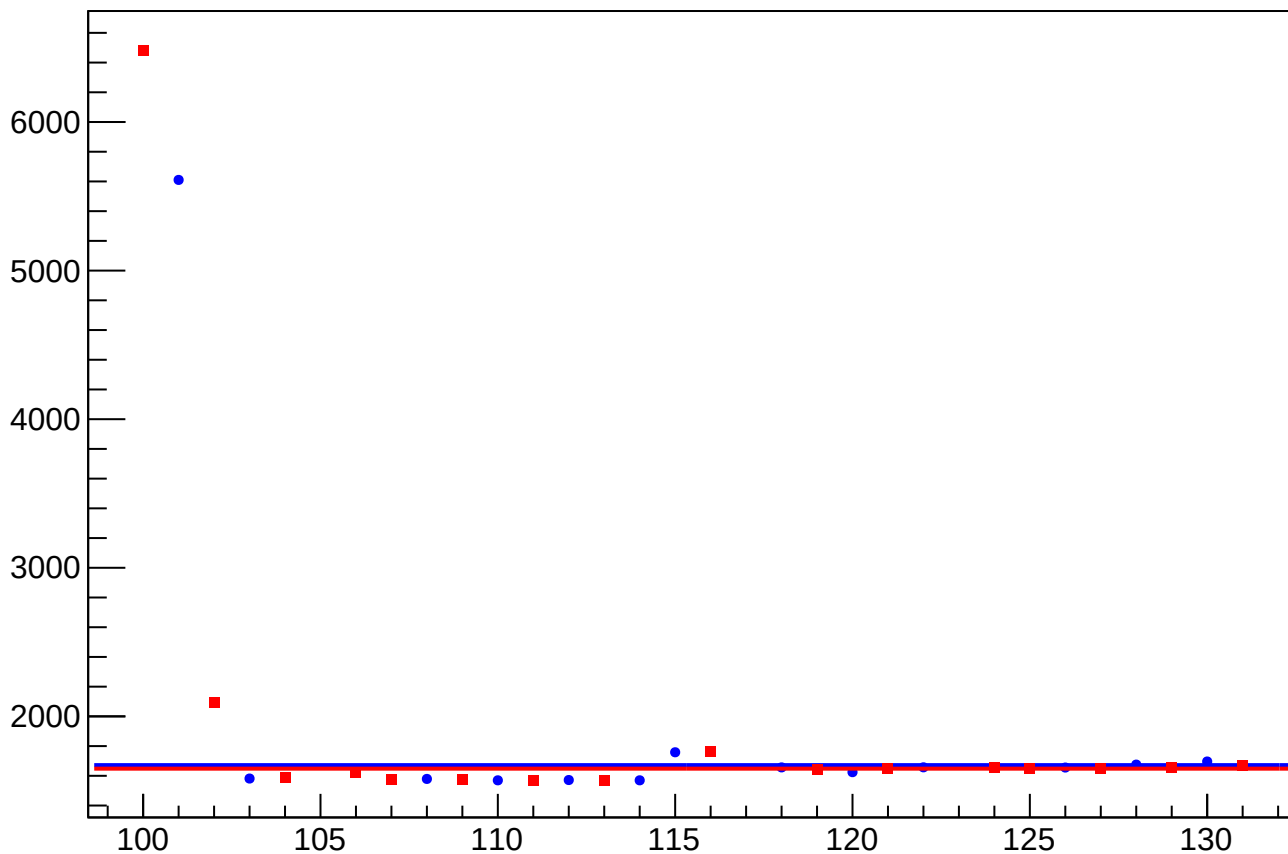
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -242.830+/-493.123 χ^2/NDF : 37.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr1_avg_rms vs Slug



Right In: 1671.997+/-0.518 χ^2/NDF : 662810.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1648.137+/-0.471 χ^2/NDF : 135983.1/15

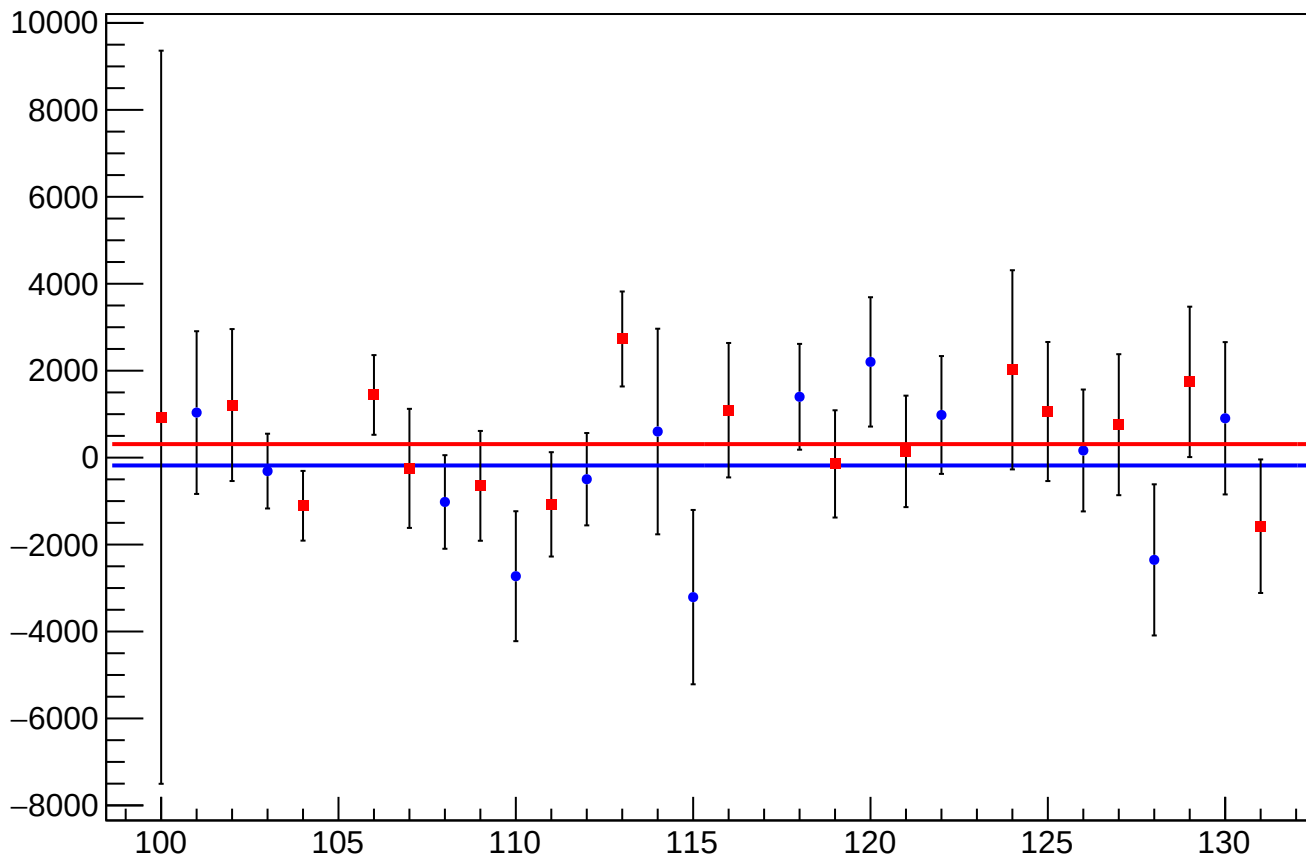
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1658.943+/-0.349 χ^2/NDF : 799953.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_cor_correction_mean vs Slug



Right In: -180.238+/-375.352 χ^2 /NDF: 13.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 310.960+/-330.031 χ^2 /NDF: 15.4/15

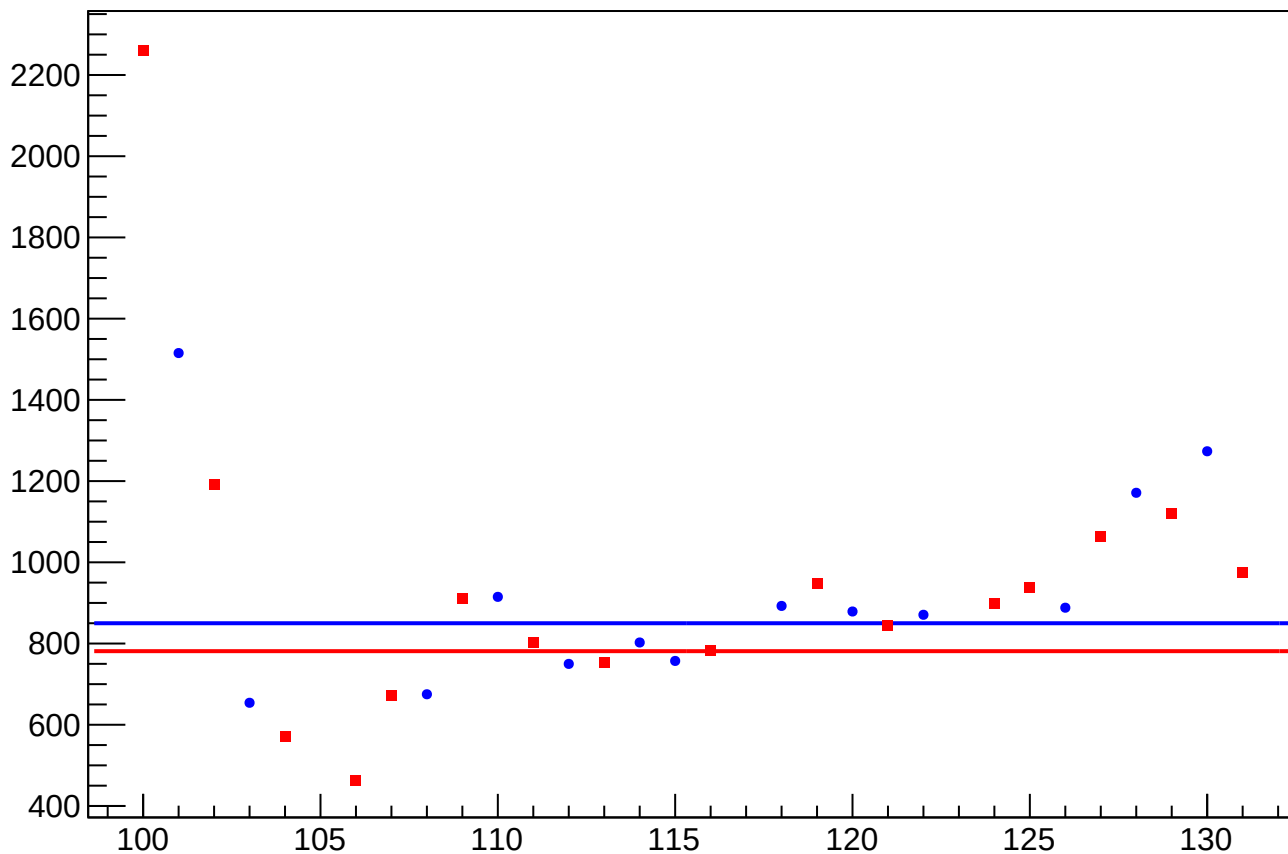
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 96.791+/-247.850 χ^2 /NDF: 29.7/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_eigen_cor_correction_rms vs Slug



Right In: 849.980+/-0.265 χ^2/NDF : 626071.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 781.218+/-0.233 χ^2/NDF : 820540.3/15

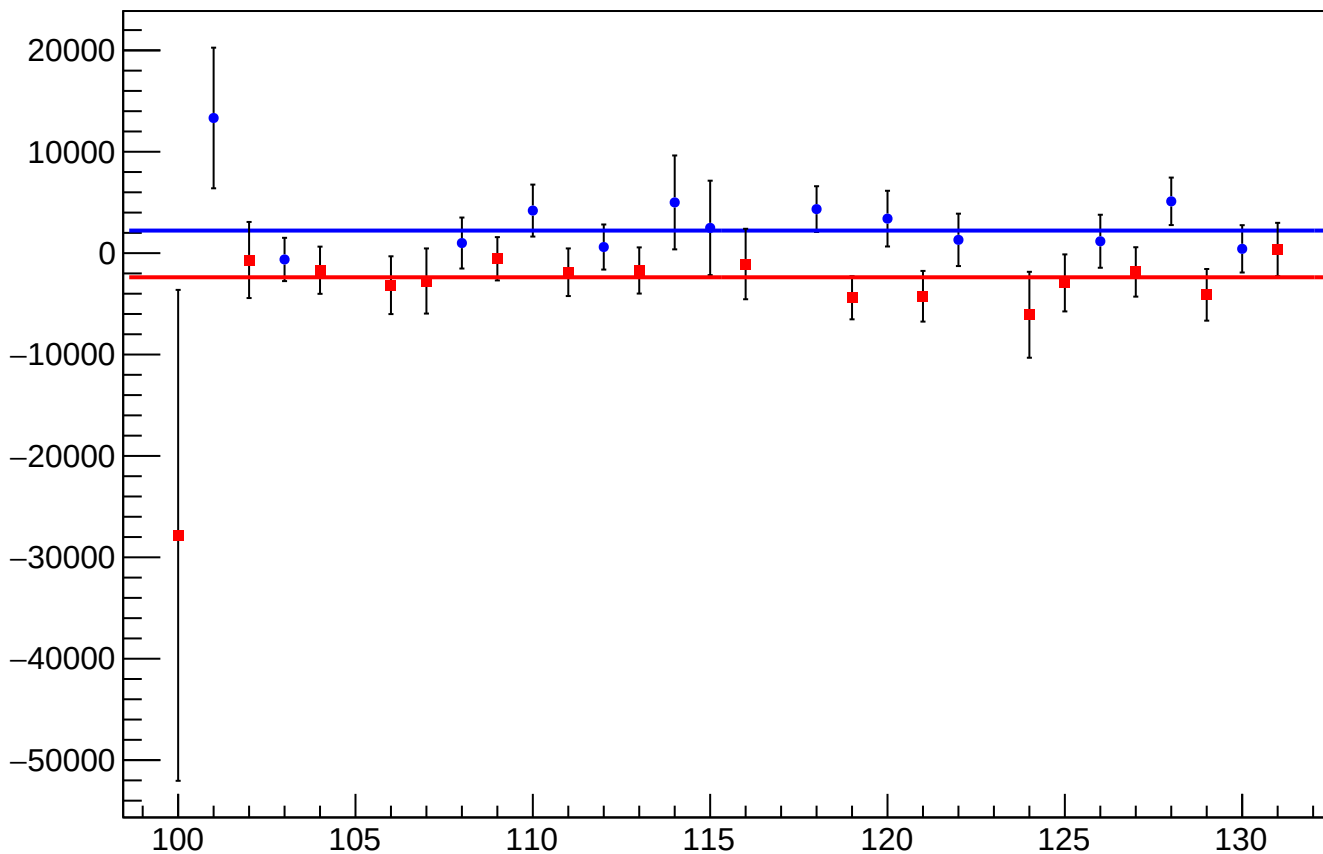
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 811.199+/-0.175 χ^2/NDF : 1484466.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr1_avg_mean vs Slug



Right In: 2226.447 $\pm$ 737.871 χ^2 /NDF: 9.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2380.042 $\pm$ 676.578 χ^2 /NDF: 6.4/15

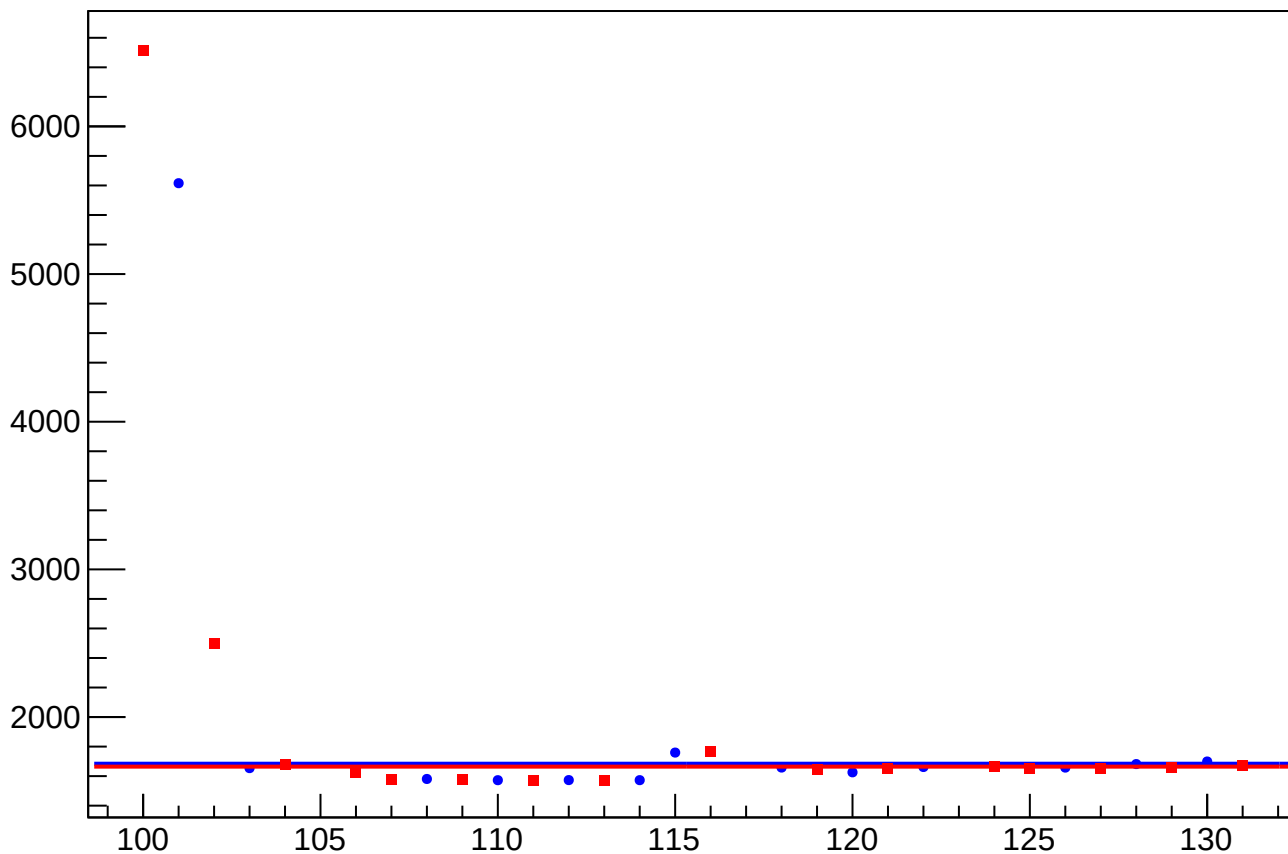
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -276.037 $\pm$ 498.676 χ^2 /NDF: 37.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usr_atr1_avg_rms vs Slug



Right In: 1684.042 $\pm$ 0.522 χ^2 /NDF: 658508.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1664.235 $\pm$ 0.478 χ^2 /NDF: 192382.2/15

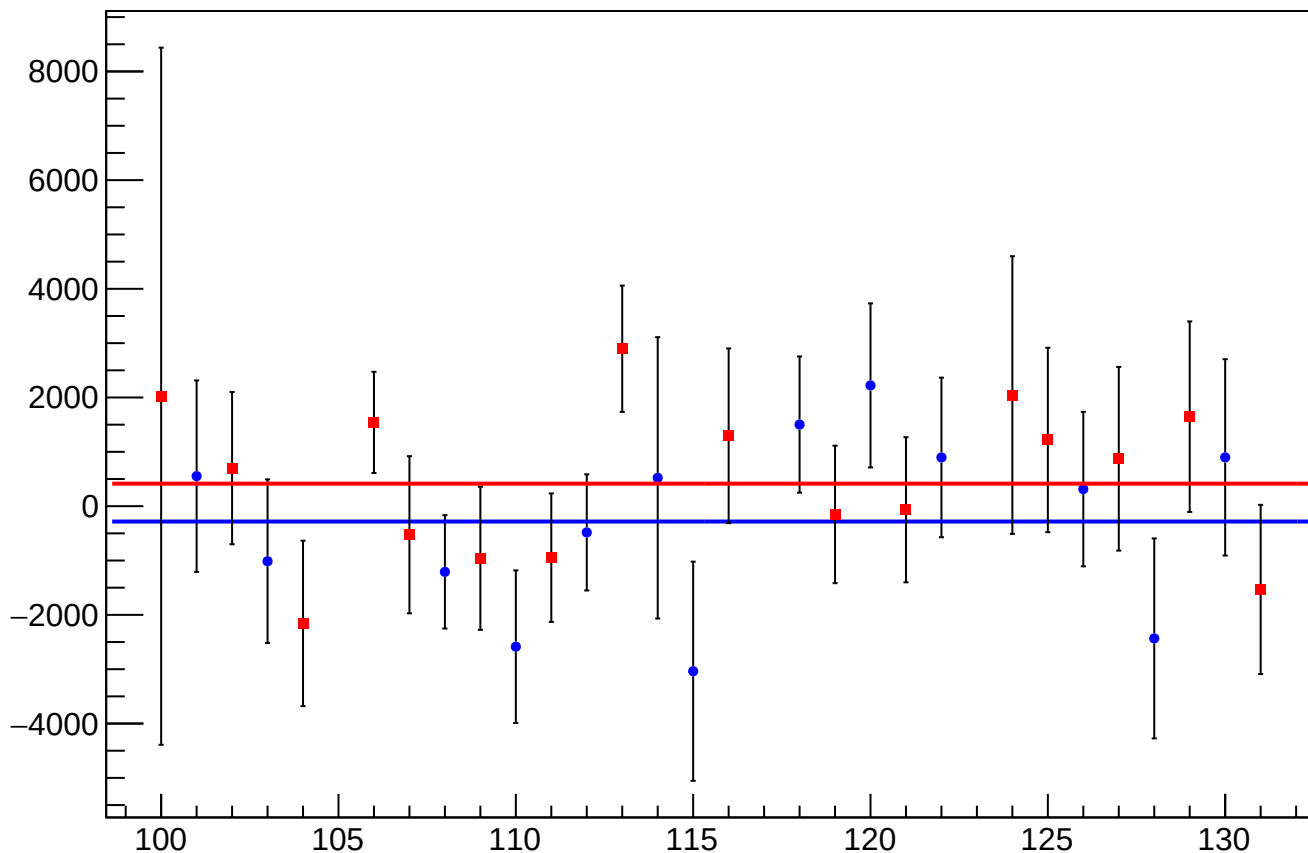
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1673.282 $\pm$ 0.353 χ^2 /NDF: 851674.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_dit_correction_mean vs Slug



Right In: -282.642 $\pm$ 404.985 χ^2 /NDF: 13.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 414.884 $\pm$ 358.263 χ^2 /NDF: 15.2/15

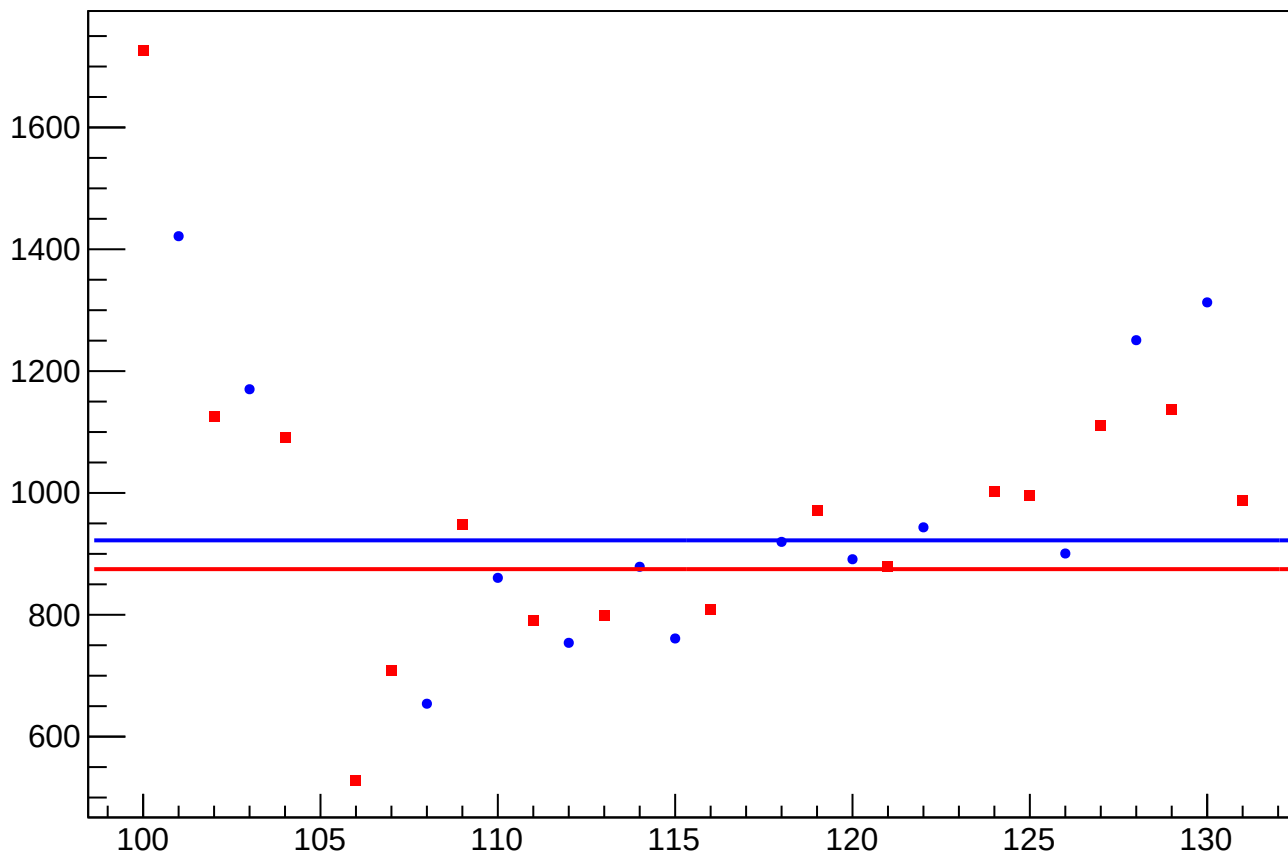
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 108.662 $\pm$ 268.335 χ^2 /NDF: 30.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_dit_correction_rms vs Slug



Right In: 922.187+/-0.286 χ^2/NDF : 572896.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 874.931+/-0.253 χ^2/NDF : 592365.0/15

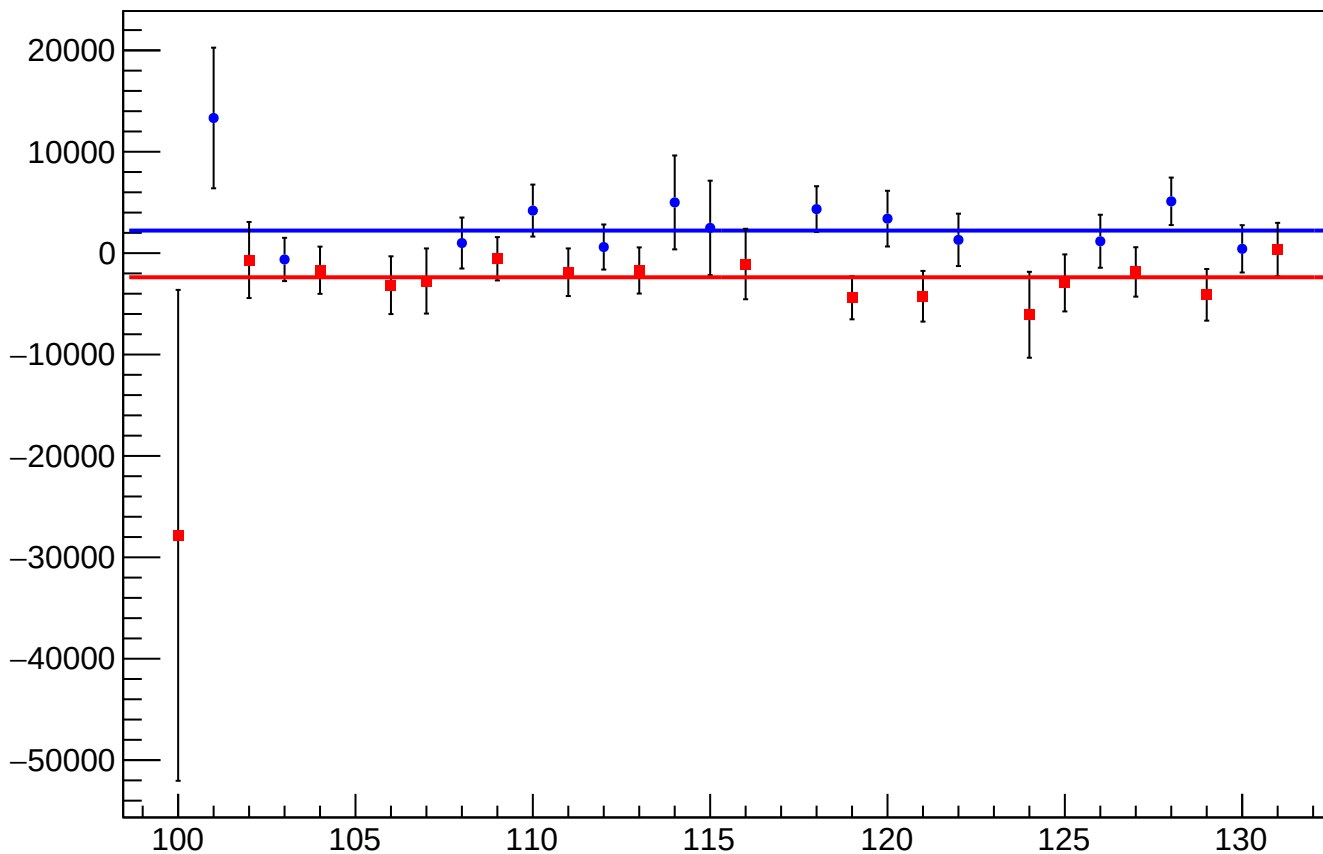
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 895.677+/-0.190 χ^2/NDF : 1180537.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr1_avg_mean vs Slug



Right In: 2226.449 $\pm$ 737.871 χ^2 /NDF: 9.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2380.043 $\pm$ 676.578 χ^2 /NDF: 6.4/15

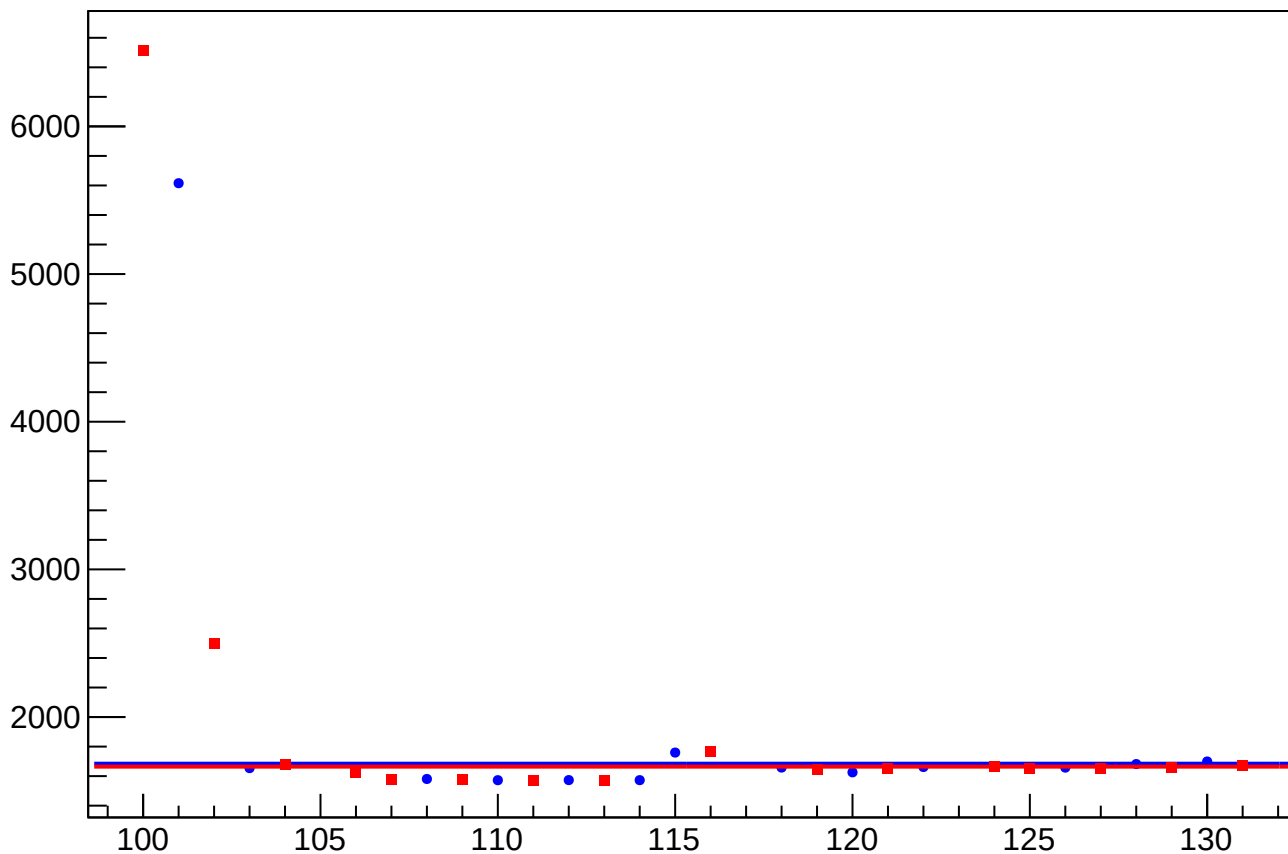
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -276.037 $\pm$ 498.676 χ^2 /NDF: 37.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usr_atr1_avg_rms vs Slug



Right In: 1684.042+/-0.522 χ^2/NDF : 658509.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1664.235+/-0.478 χ^2/NDF : 192382.1/15

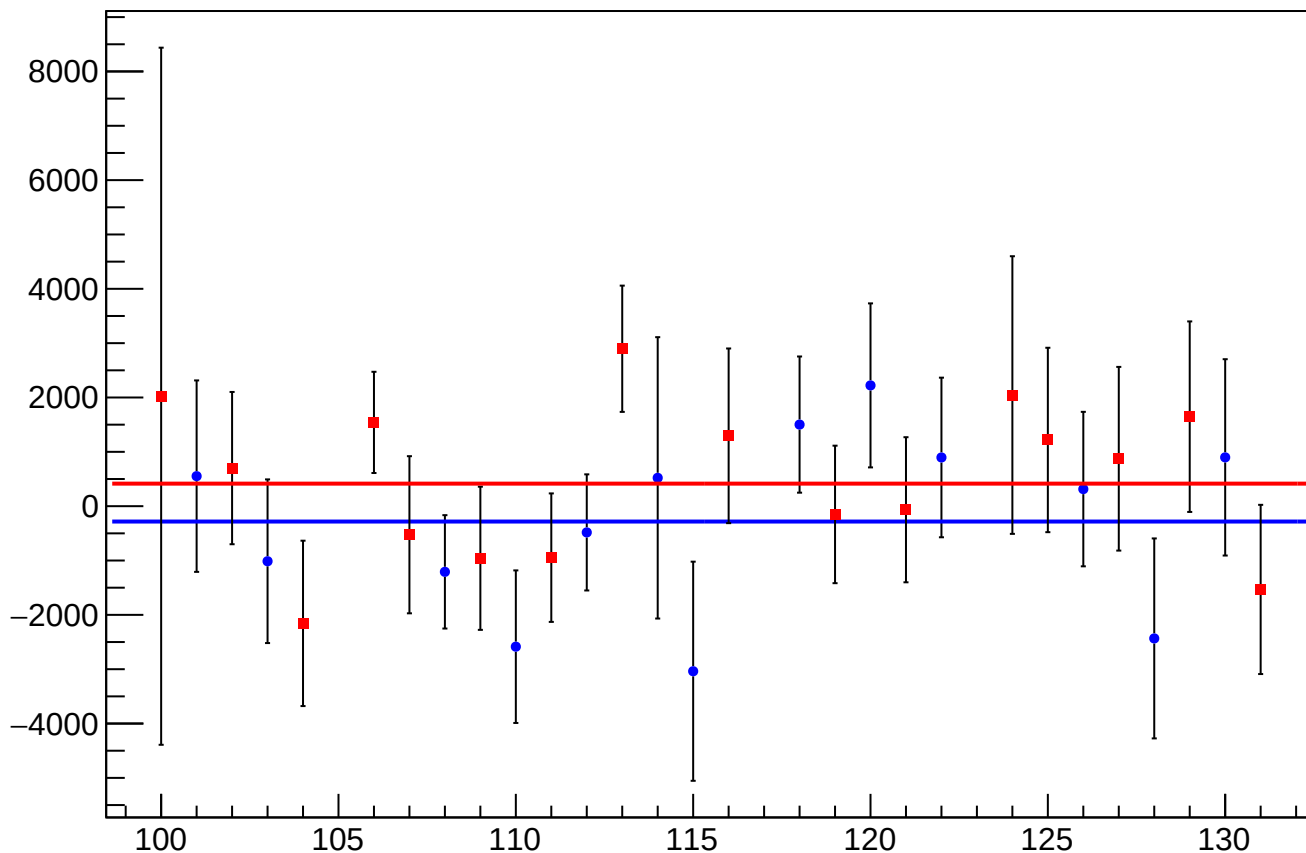
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1673.282+/-0.353 χ^2/NDF : 851673.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_dit_correction_mean vs Slug



Right In: -282.640 $\pm$ 404.984 χ^2 /NDF: 13.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 414.882 $\pm$ 358.261 χ^2 /NDF: 15.2/15

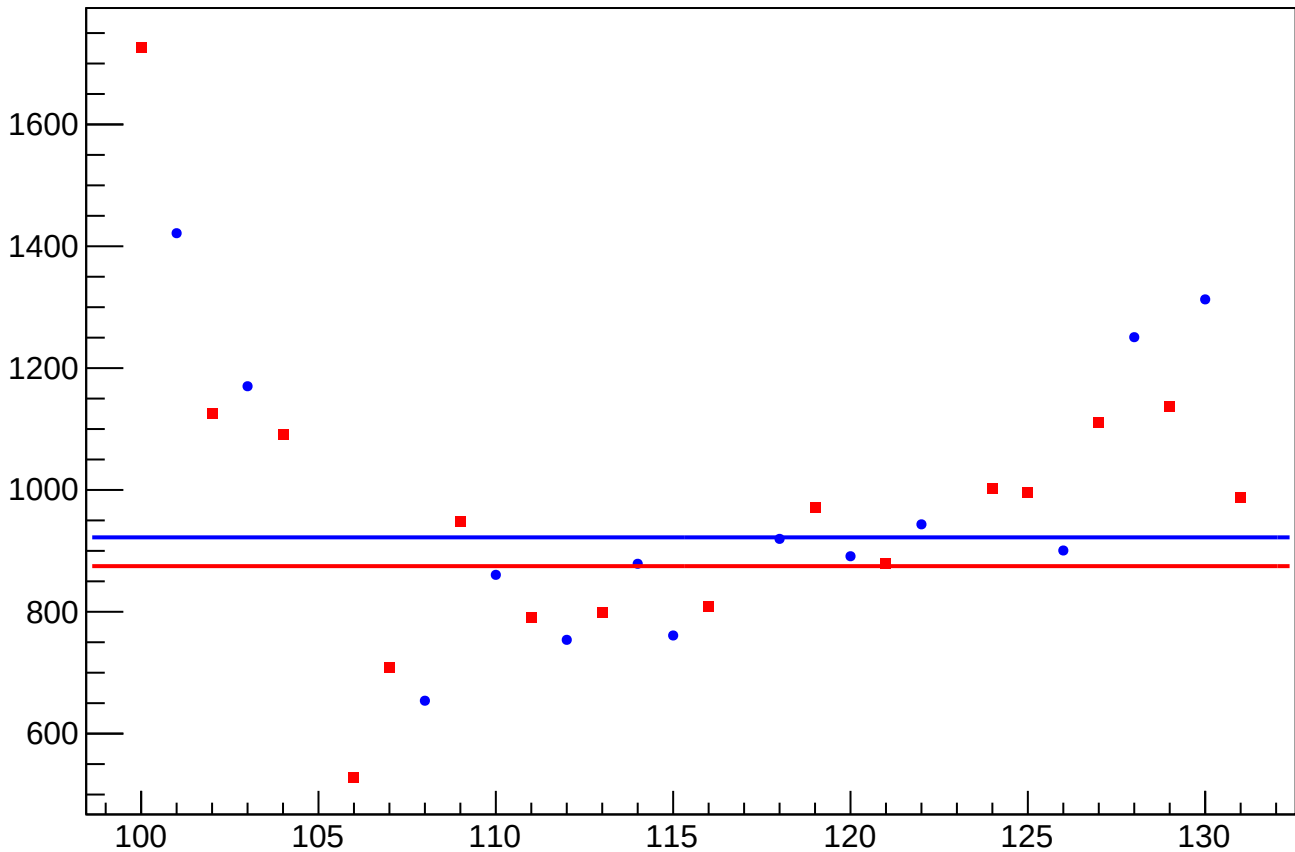
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 108.661 $\pm$ 268.334 χ^2 /NDF: 30.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_eigen_dit_correction_rms vs Slug



Right In: 922.183+/-0.286 χ^2/NDF : 572899.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 874.929+/-0.253 χ^2/NDF : 592359.6/15

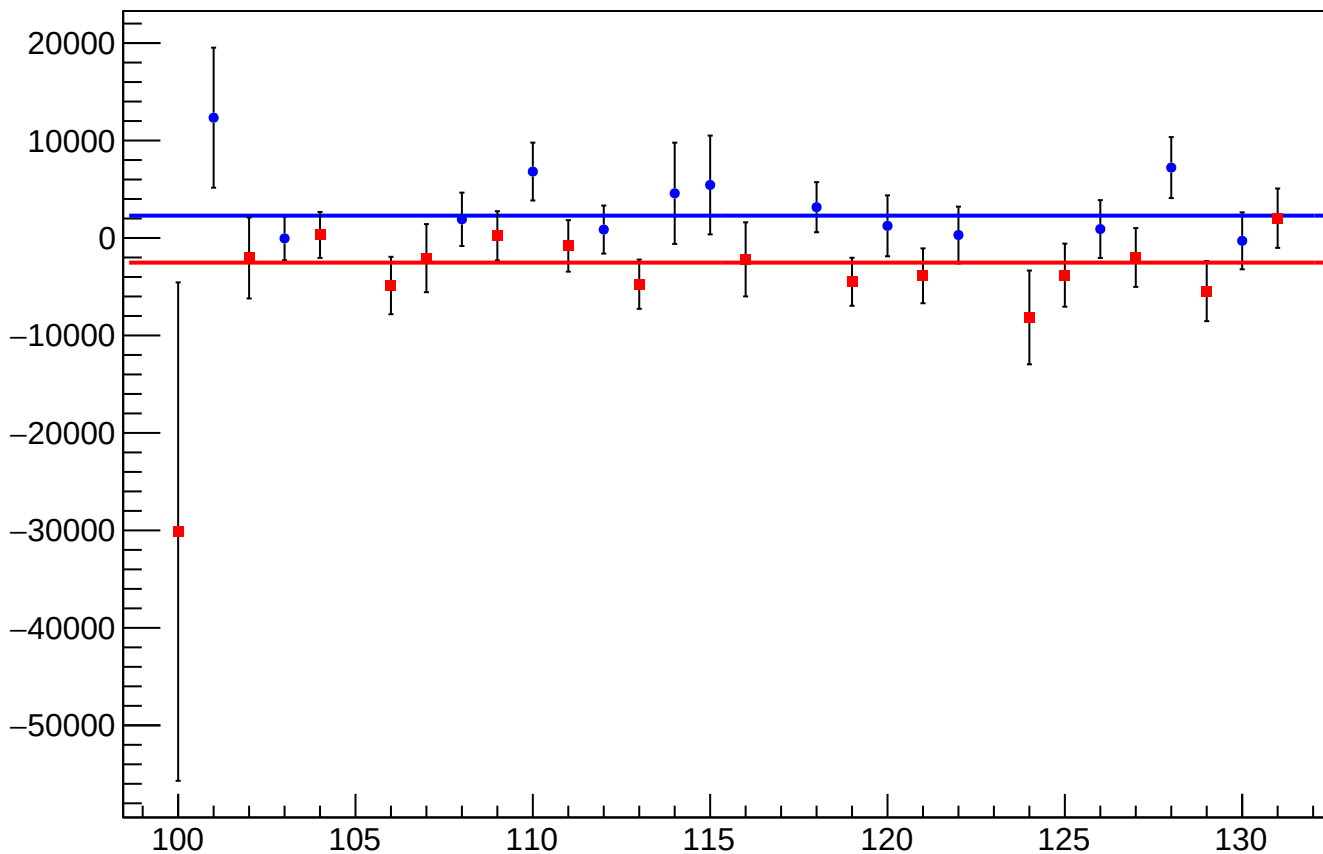
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 895.674+/-0.190 χ^2/NDF : 1180533.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_mean vs Slug



Right In: 2294.468 $\pm$ 842.106 χ^2 /NDF: 10.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2525.623 $\pm$ 763.277 χ^2 /NDF: 11.2/15

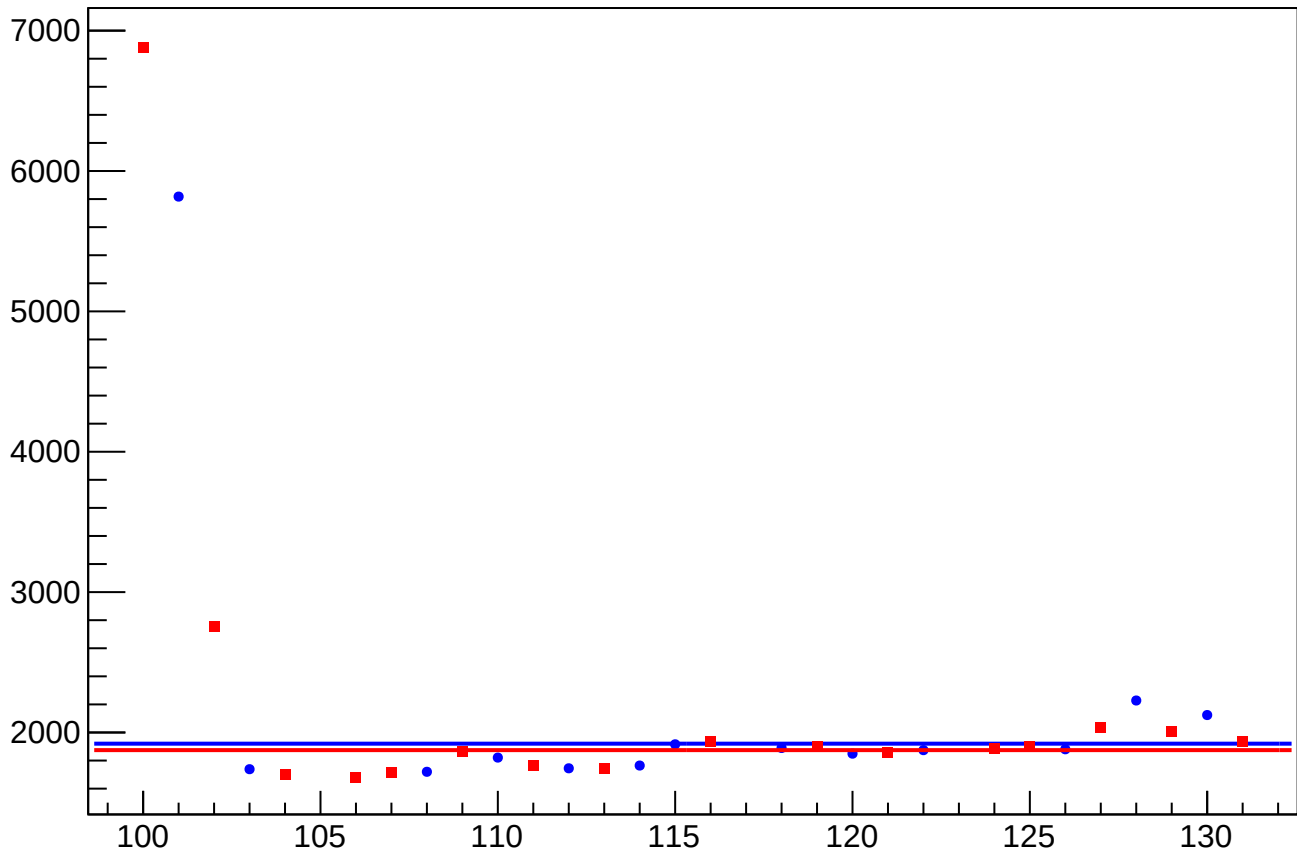
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -351.686 $\pm$ 565.539 χ^2 /NDF: 39.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_rms vs Slug



Right In: 1920.340+/-0.595 χ^2/NDF : 657912.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1874.353+/-0.540 χ^2/NDF : 210773.6/15

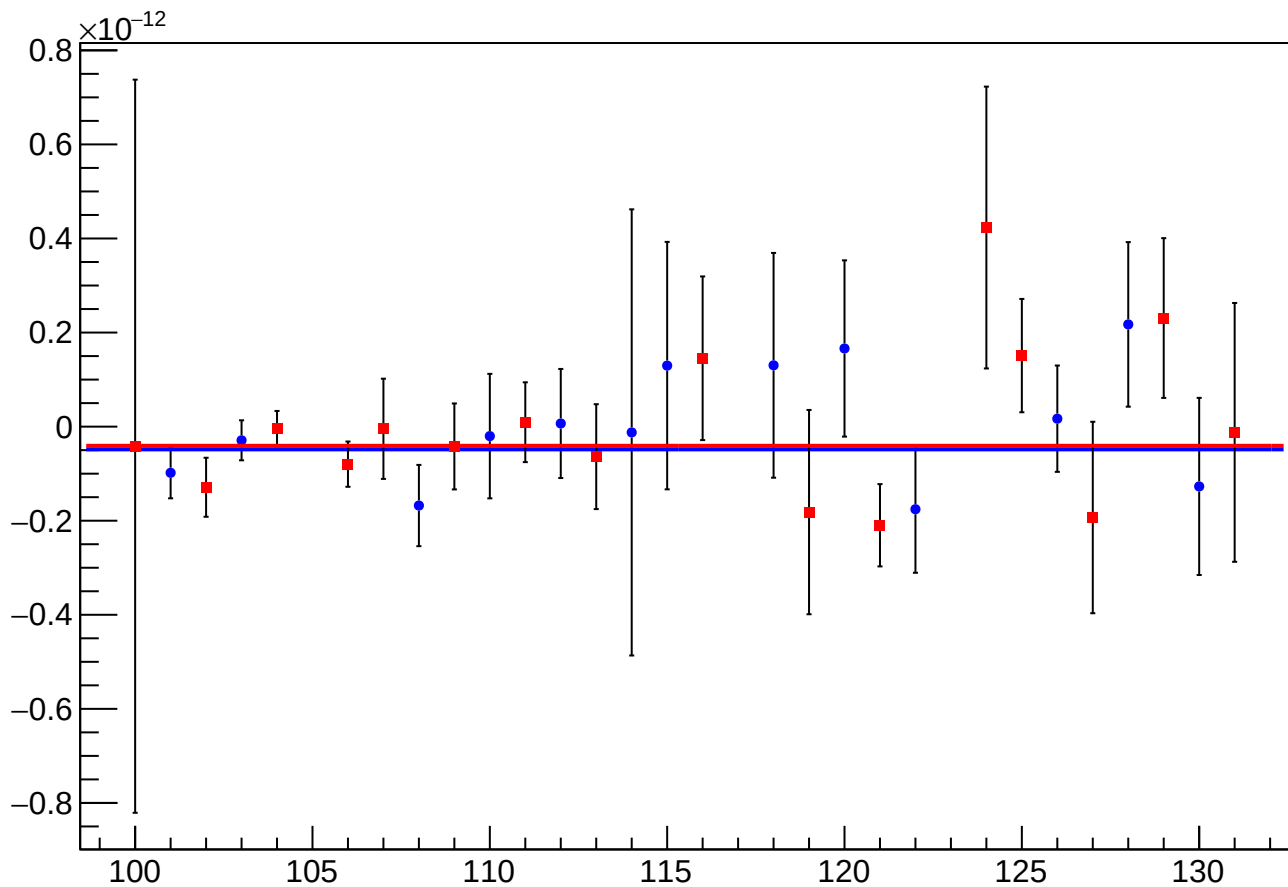
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1895.094+/-0.400 χ^2/NDF : 871960.9/28

- 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+/-0.000 χ^2 /NDF: 9.3/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 17.4/15

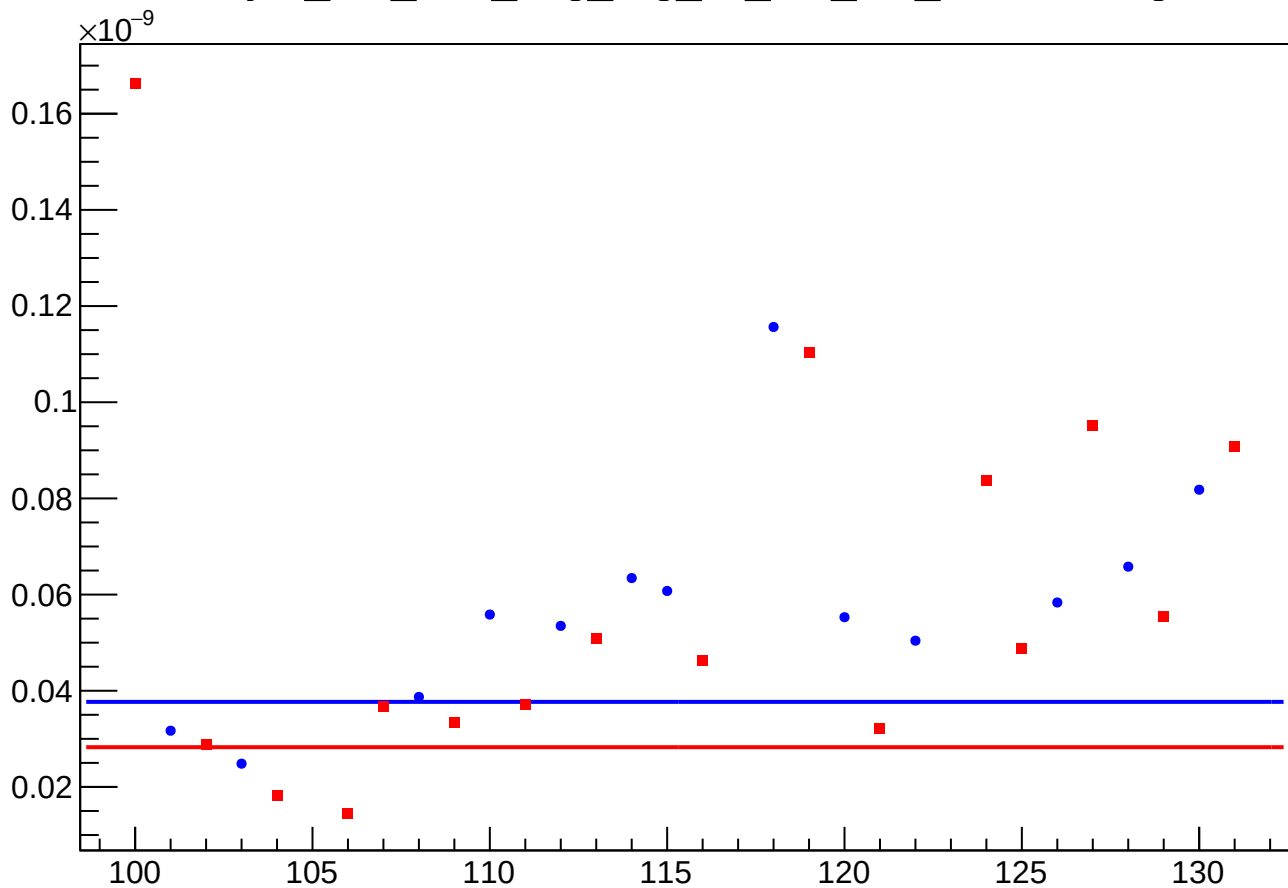
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 26.7/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 780061.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1302057.9/15

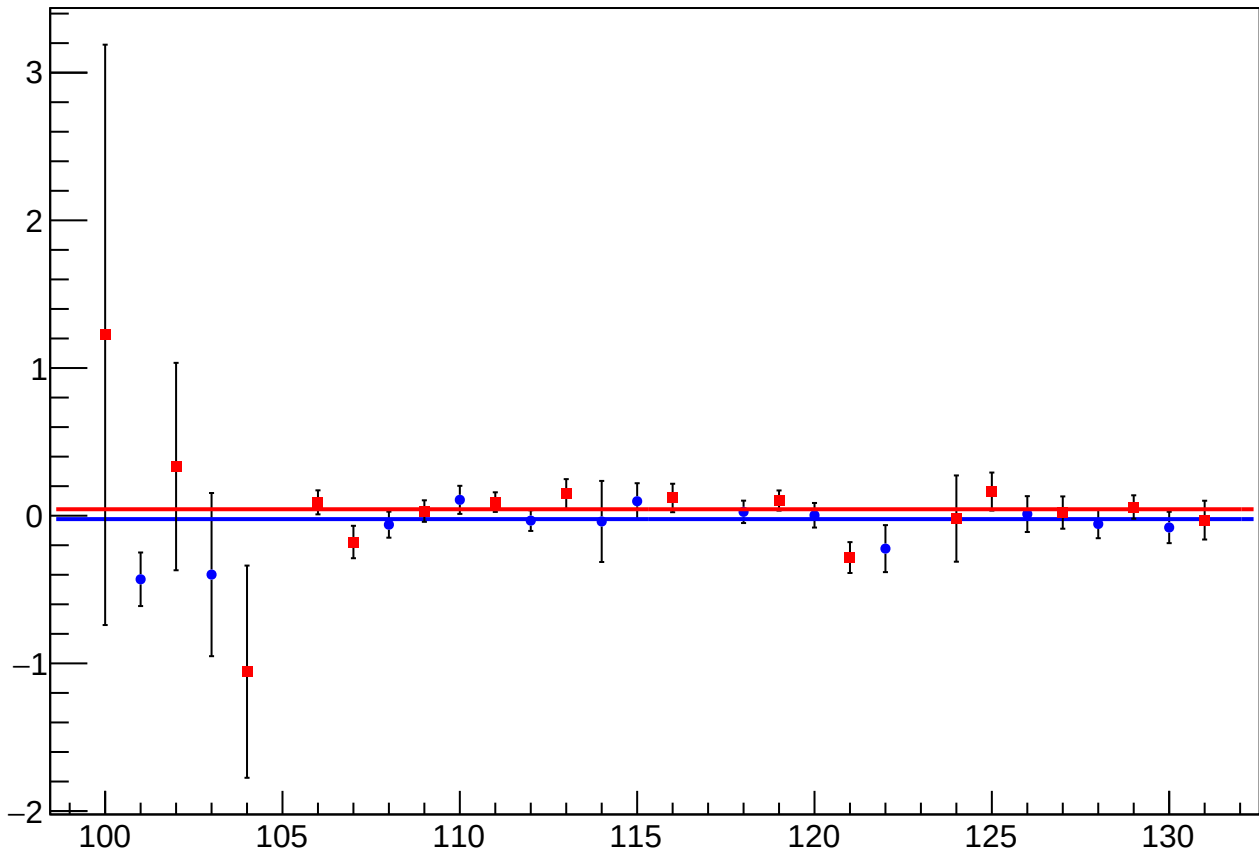
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2233922.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.023+/-0.029 χ^2/NDF : 11.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.044+/-0.025 χ^2/NDF : 21.4/15

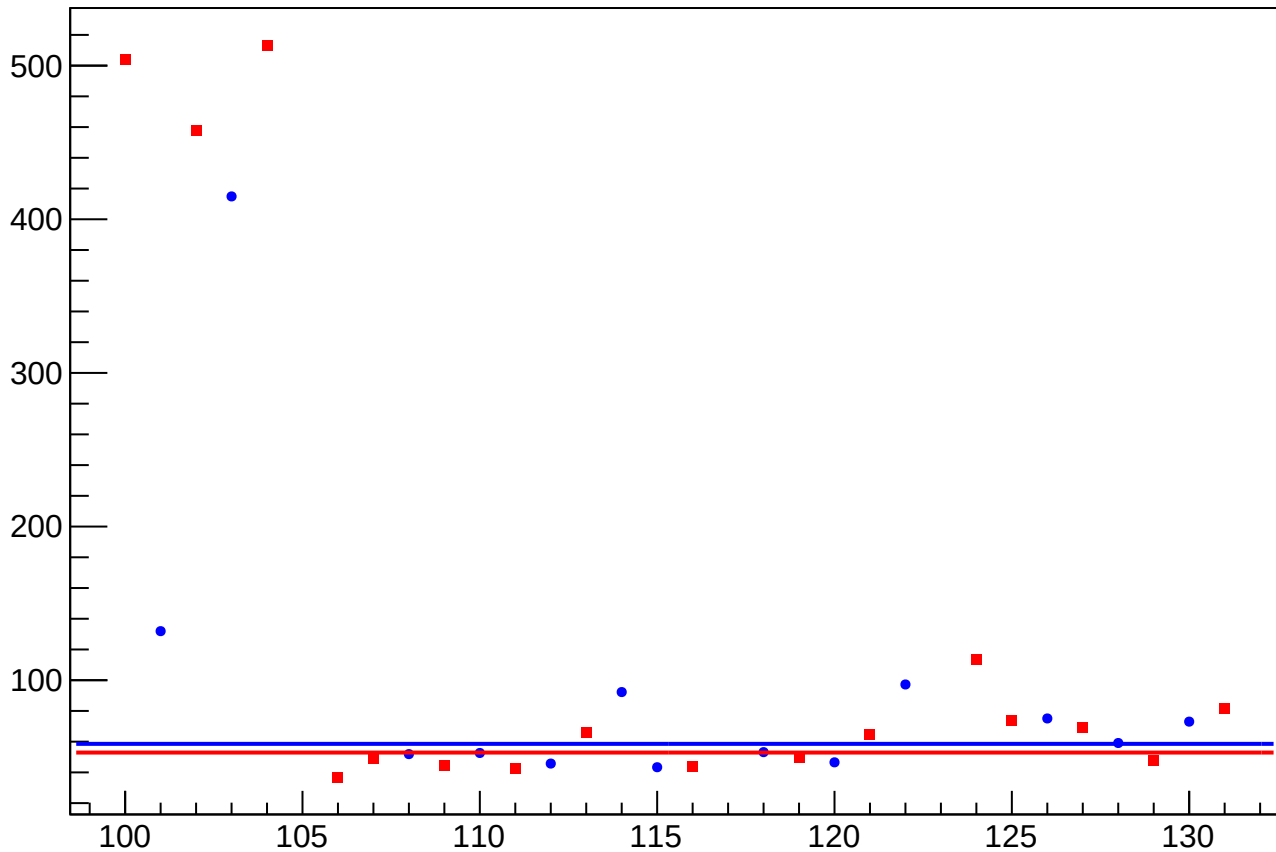
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.019 χ^2/NDF : 35.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_dit_vs_cor_diff_rms vs Slug



Right In: 58.576+/-0.021 χ^2/NDF : 1550896.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.910+/-0.018 χ^2/NDF : 2120055.2/15

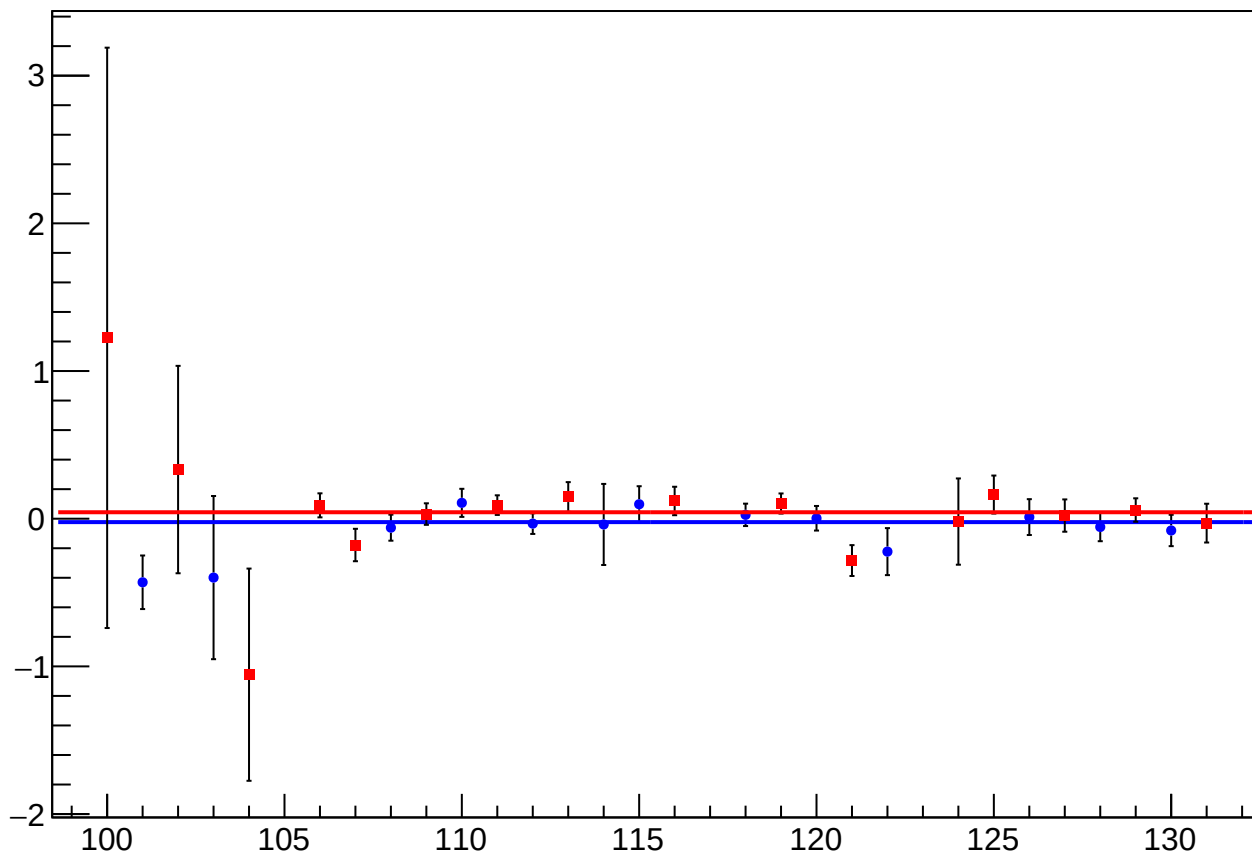
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.369+/-0.014 χ^2/NDF : 3713839.0/28

- 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: -0.023+/-0.029 χ^2/NDF : 11.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.044+/-0.025 χ^2/NDF : 21.4/15

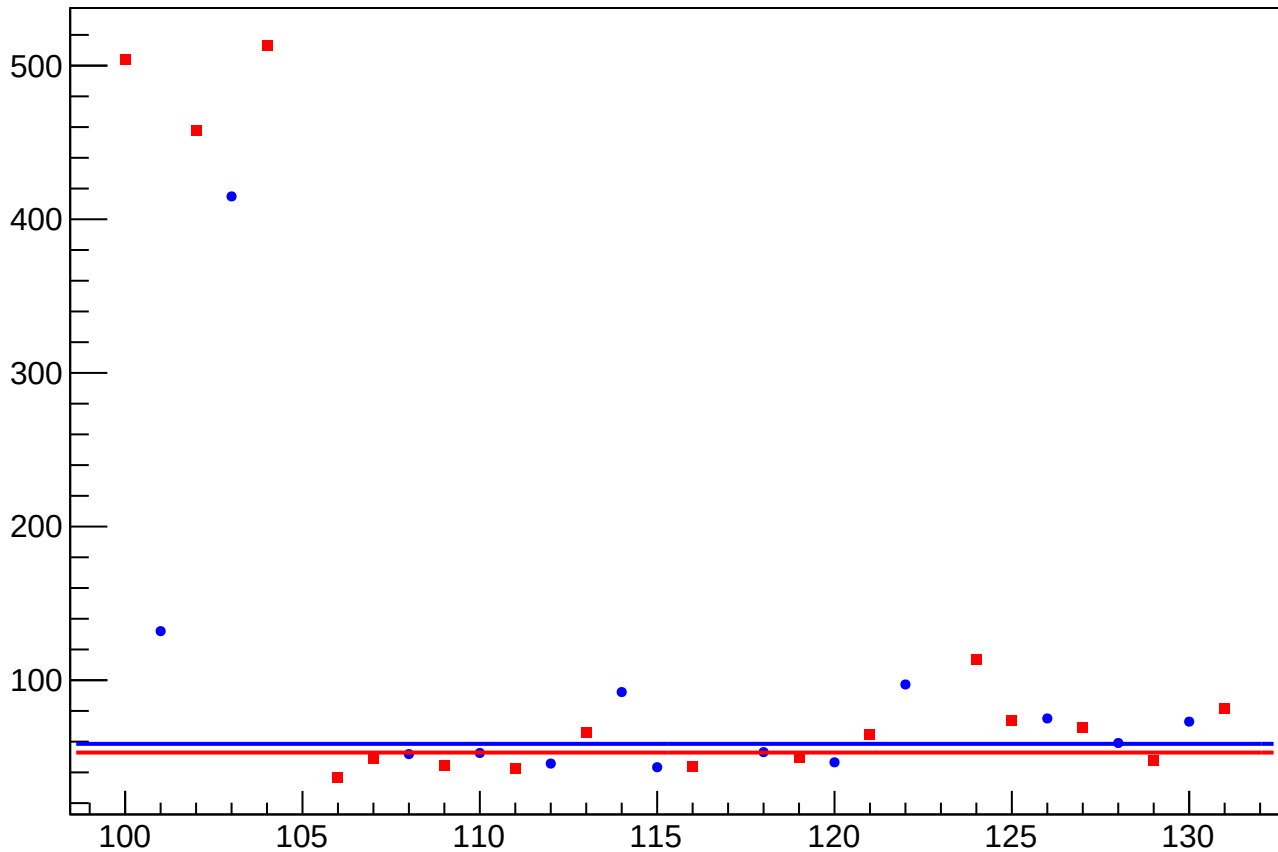
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.019 χ^2/NDF : 35.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 58.576 $\pm$ 0.021 χ^2 /NDF: 1550896.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 52.910 $\pm$ 0.018 χ^2 /NDF: 2120055.2/15

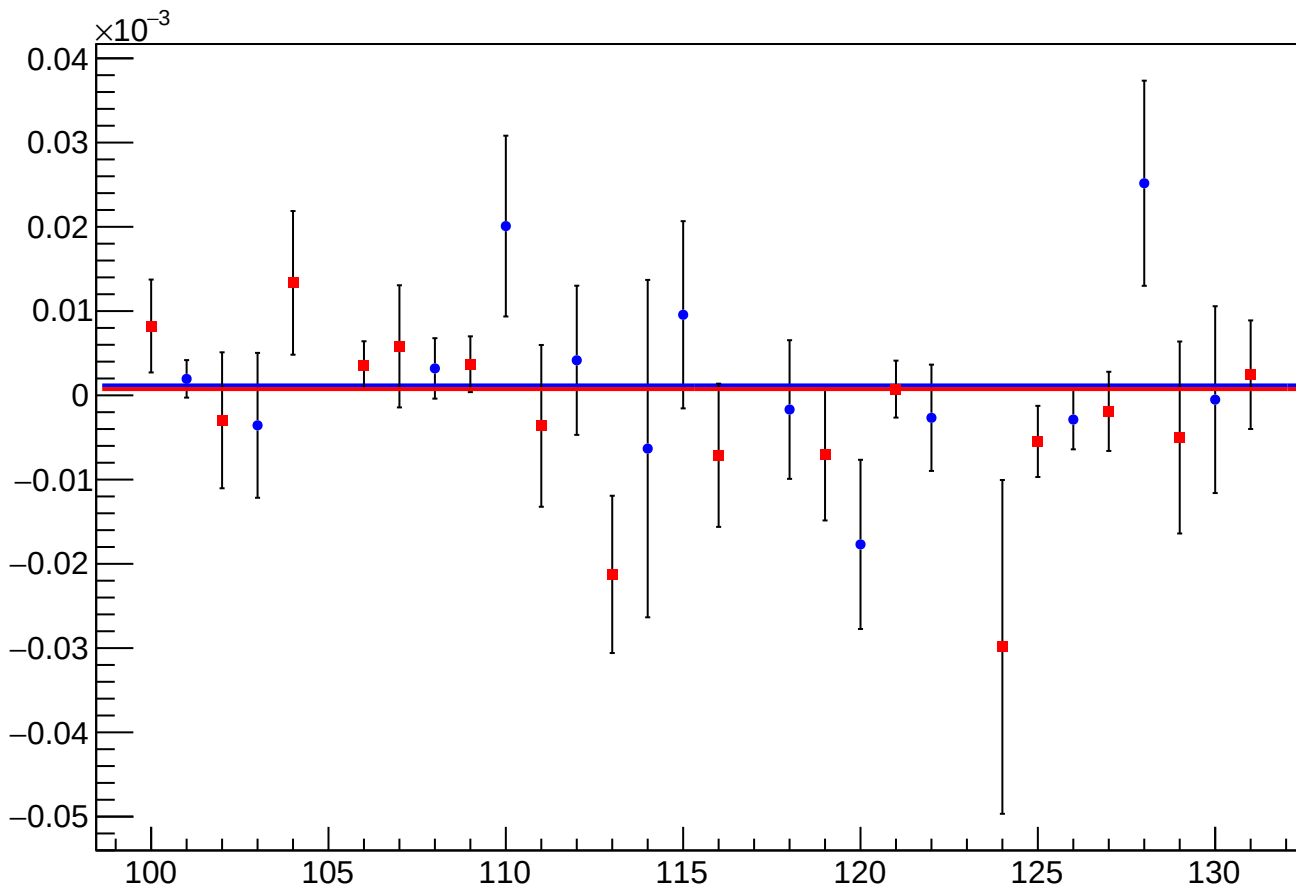
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 55.369 $\pm$ 0.014 χ^2 /NDF: 3713839.0/28

- sign 0.000 $\pm$ 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: 13.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.3/15

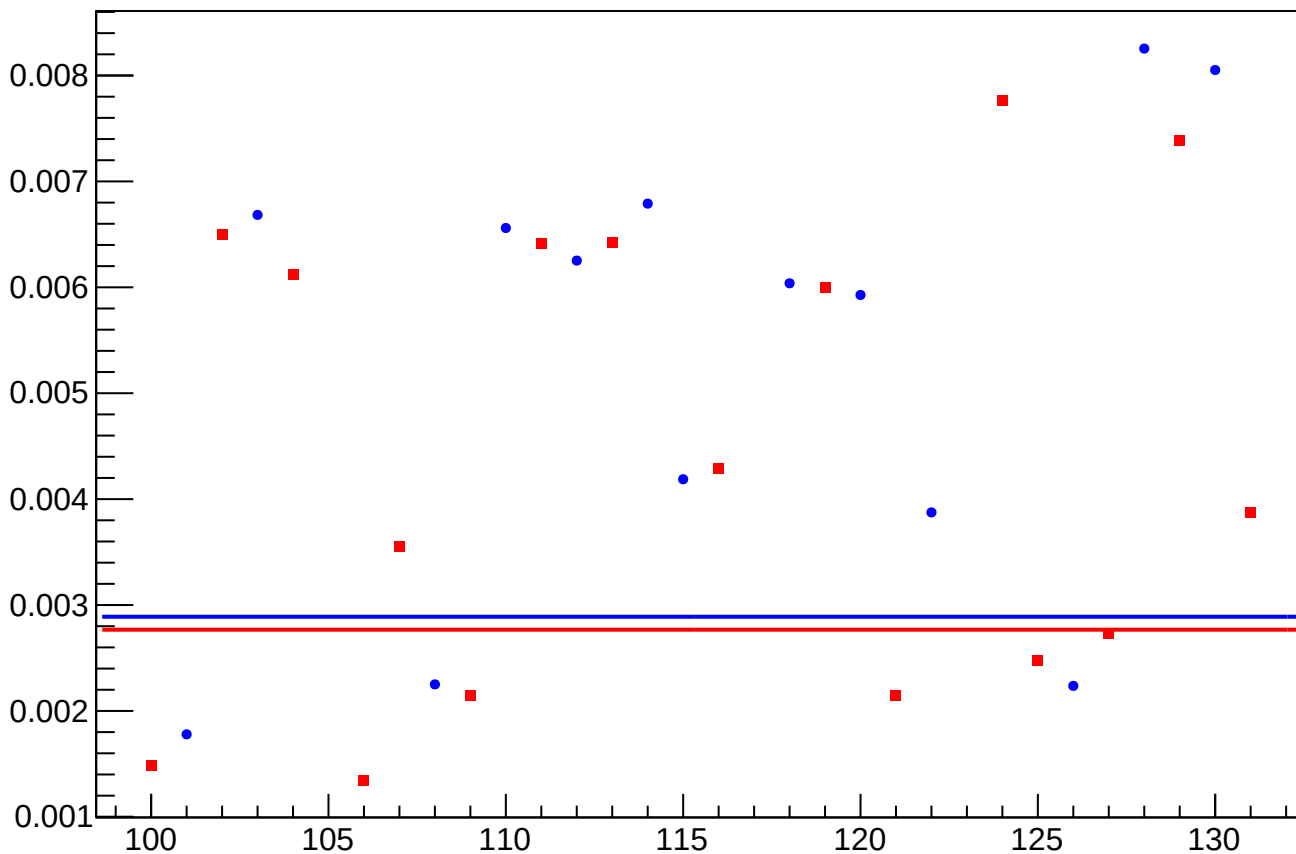
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 33.3/28

- 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 : 2991353.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3038779.8/15

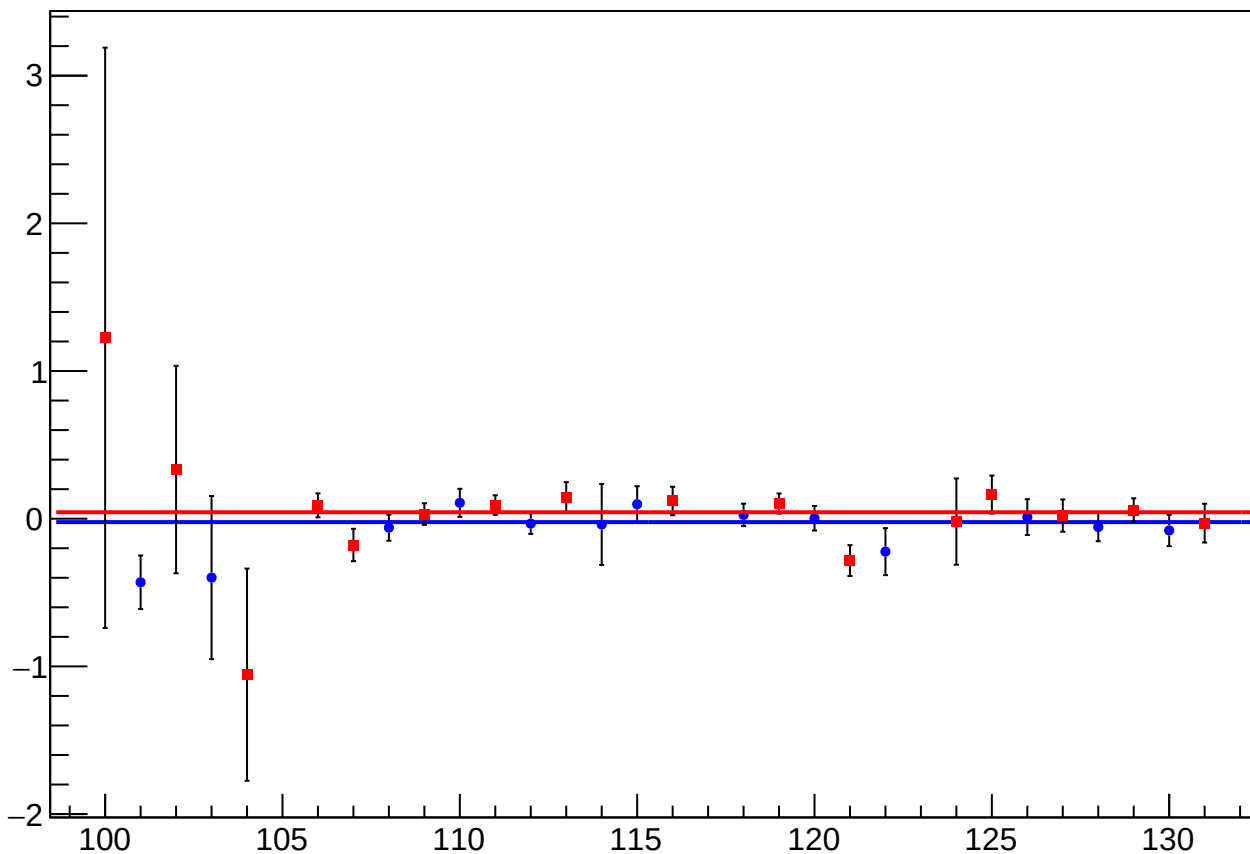
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 6037863.9/28

- 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: -0.023+/-0.029 χ^2 /NDF: 11.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.044+/-0.025 χ^2 /NDF: 21.4/15

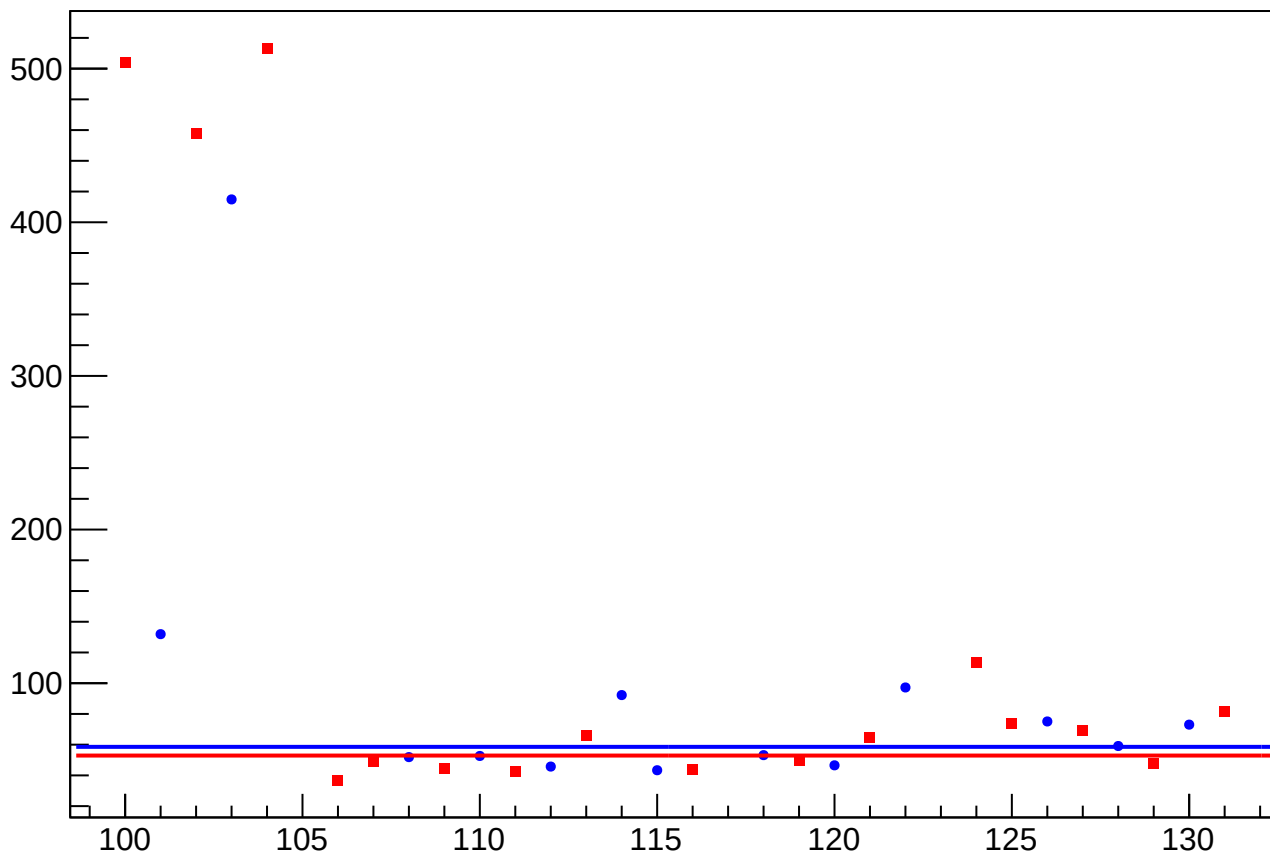
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.015+/-0.019 χ^2 /NDF: 35.5/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 58.575 $\pm$ 0.021 χ^2 /NDF: 1550847.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 52.909 $\pm$ 0.018 χ^2 /NDF: 2120017.3/15

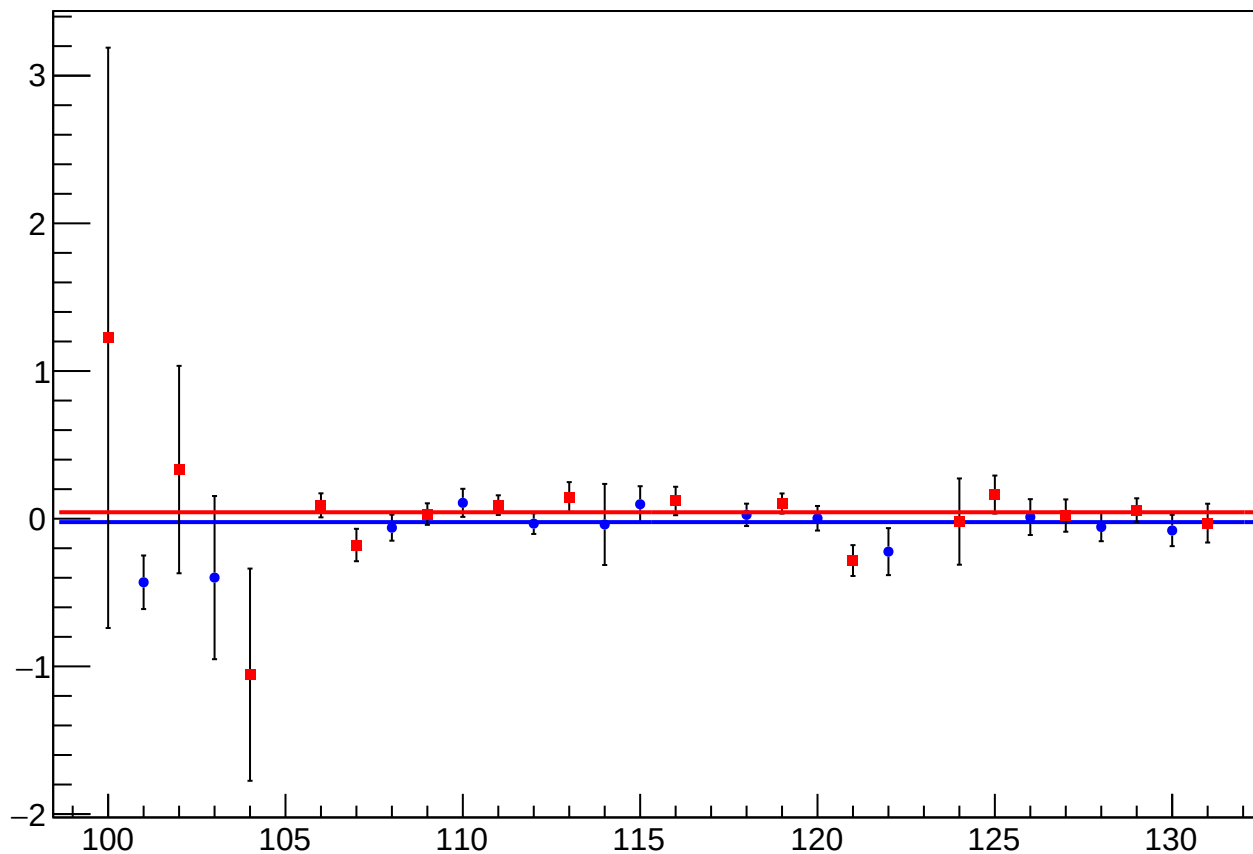
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 55.368 $\pm$ 0.014 χ^2 /NDF: 3713759.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.023+/-0.029 χ^2/NDF : 11.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.044+/-0.025 χ^2/NDF : 21.4/15

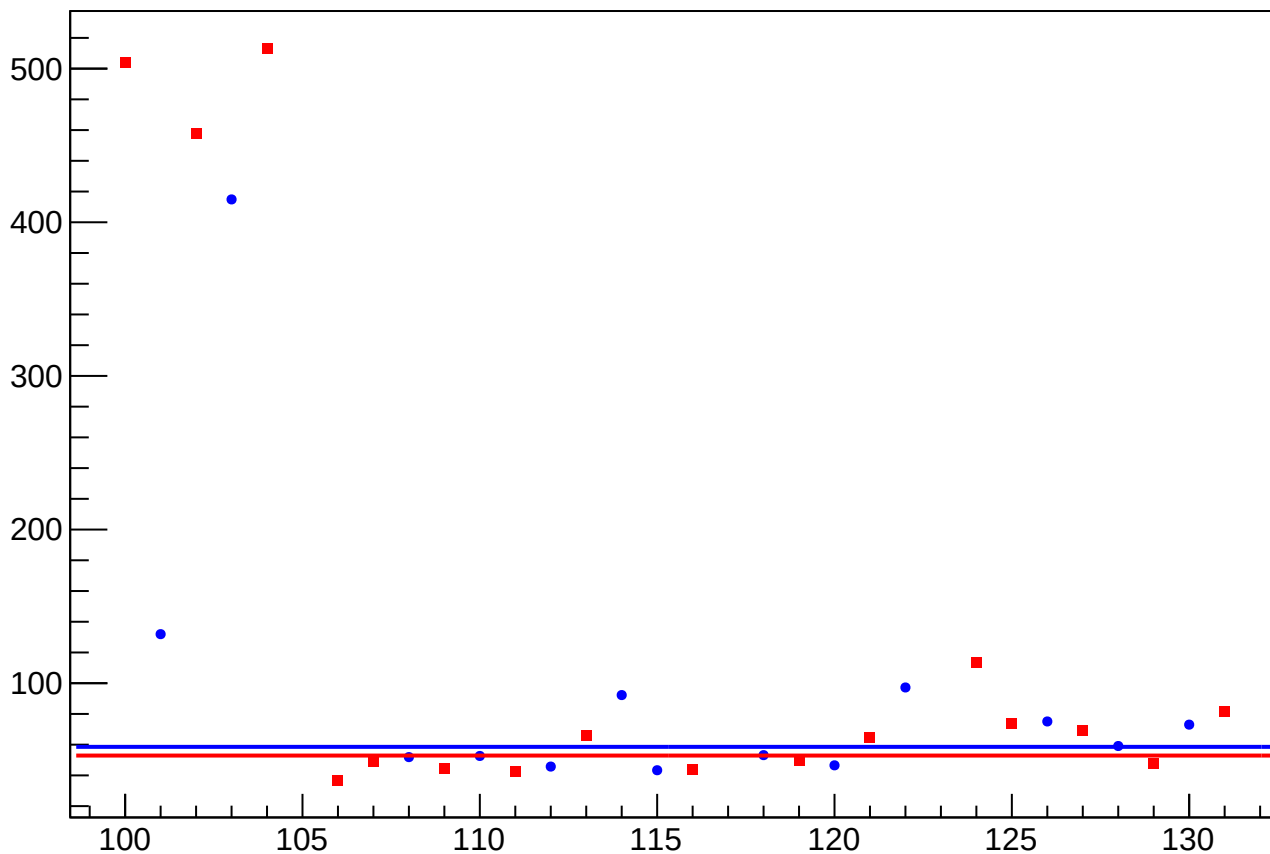
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.019 χ^2/NDF : 35.5/28

- 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: 58.575+/-0.021 χ^2/NDF : 1550847.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.909+/-0.018 χ^2/NDF : 2120017.3/15

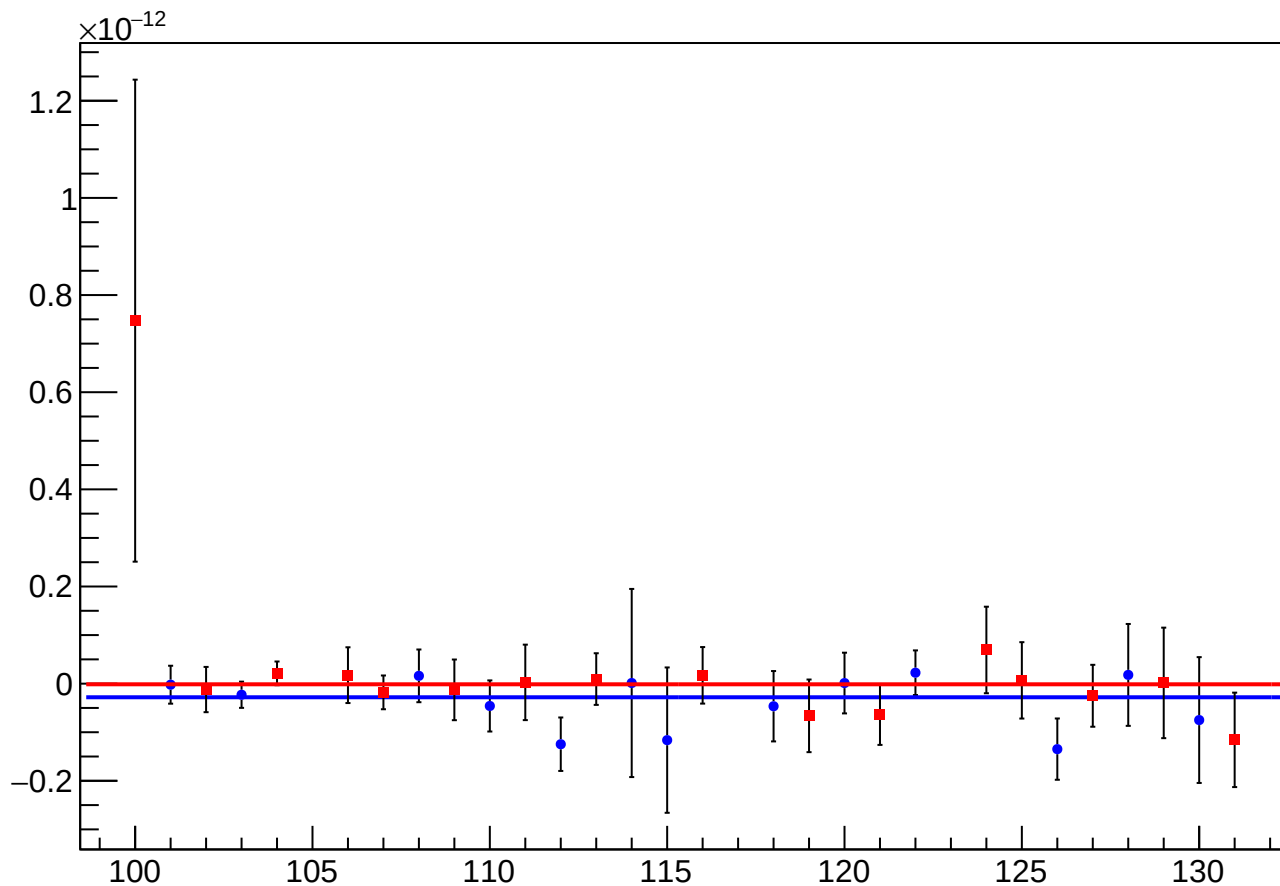
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.368+/-0.014 χ^2/NDF : 3713759.6/28

- 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 : 9.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.6/15

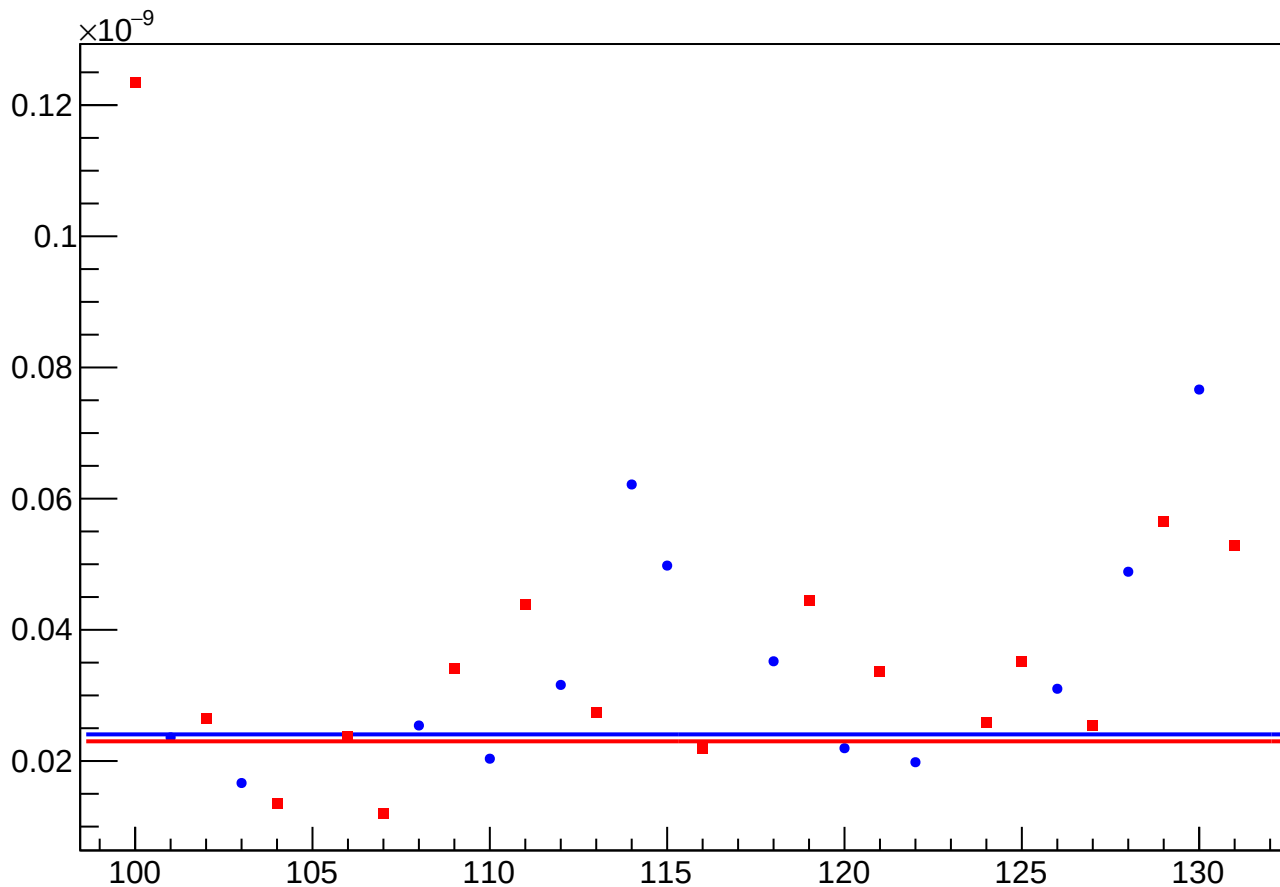
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.7/28

- 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 : 869014.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1454526.9/15

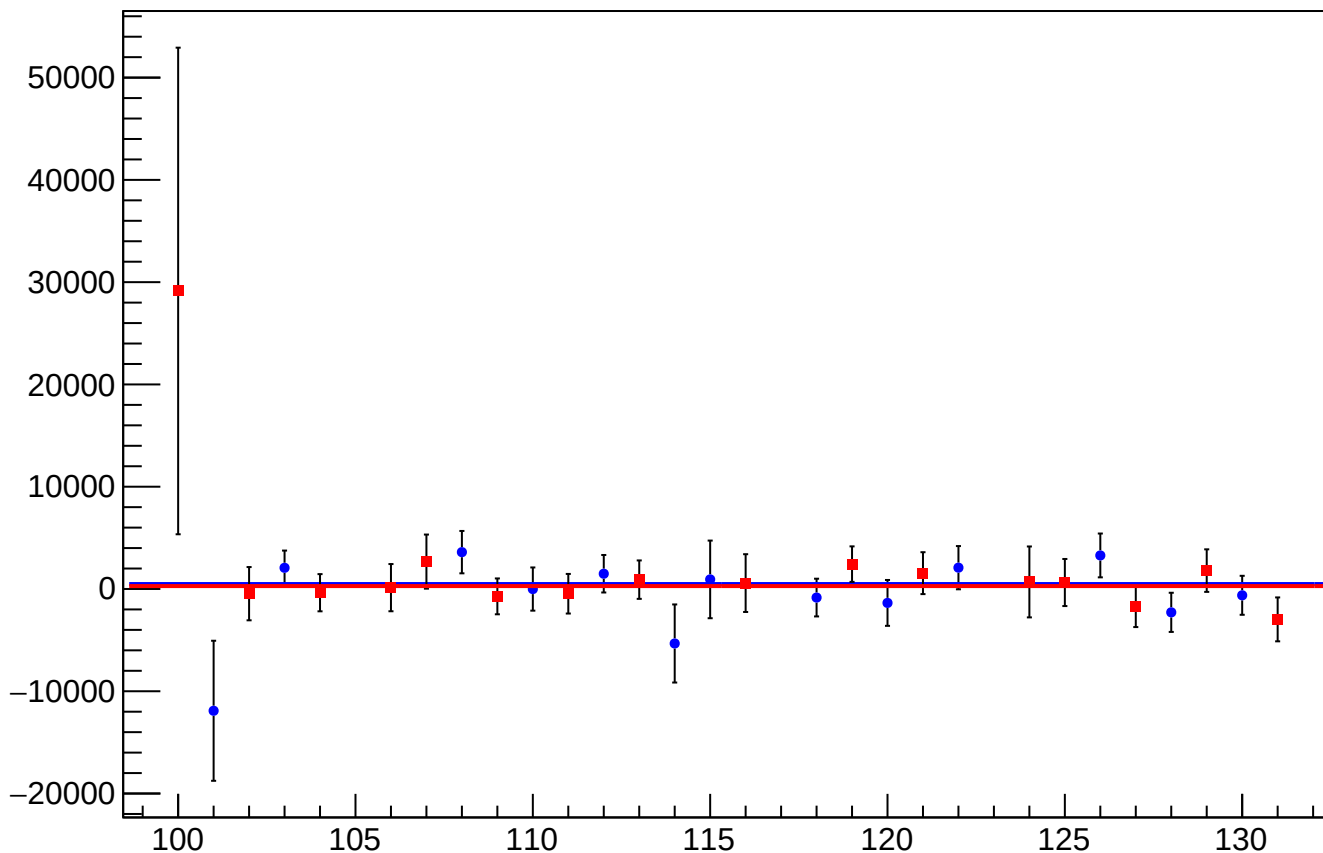
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2329059.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_mean vs Slug



Right In: 481.821+/-603.187 χ^2/NDF : 15.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 282.509+/-548.443 χ^2/NDF : 8.9/15

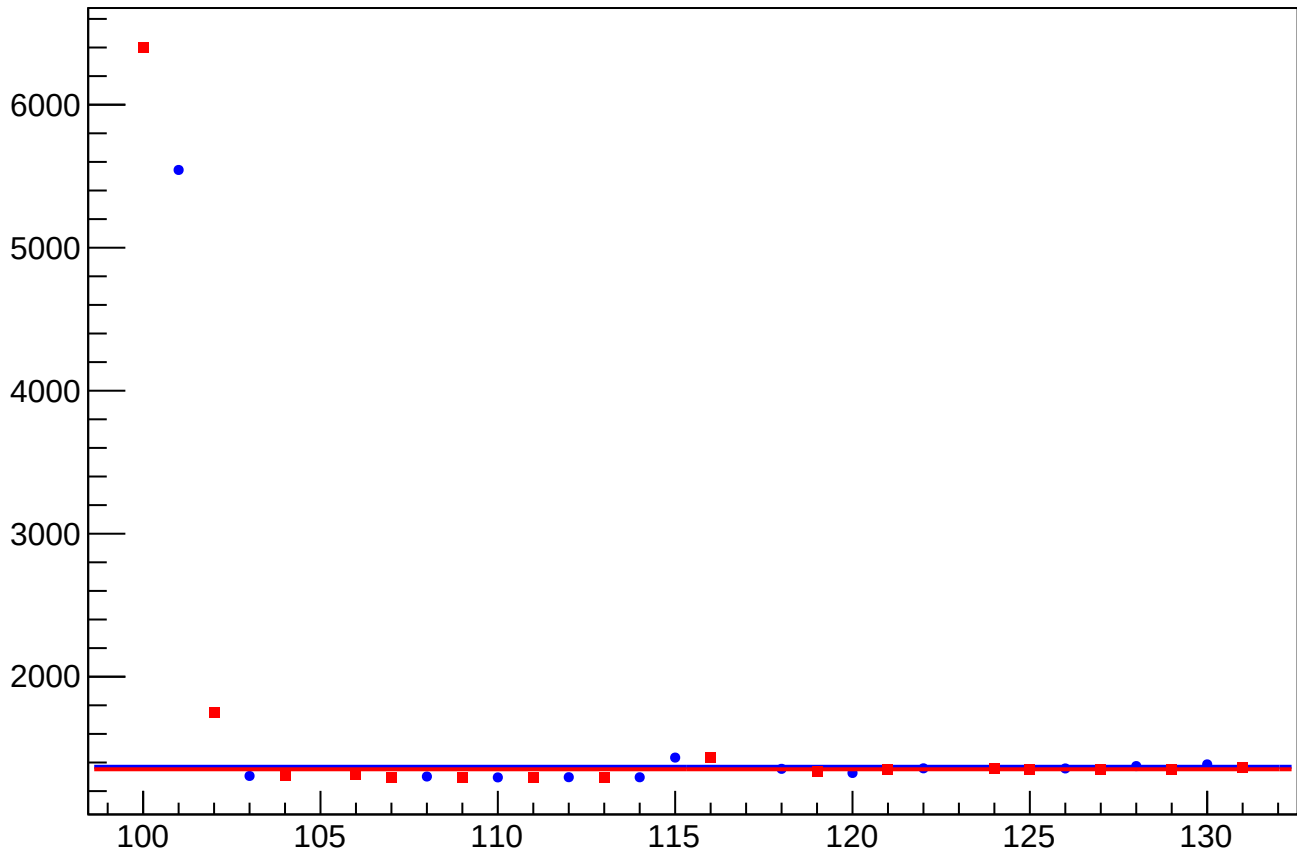
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 372.712+/-405.784 χ^2/NDF : 24.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_rms vs Slug



Right In: 1370.123+/-0.427 χ^2/NDF : 756245.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1352.707+/-0.388 χ^2/NDF : 146550.8/15

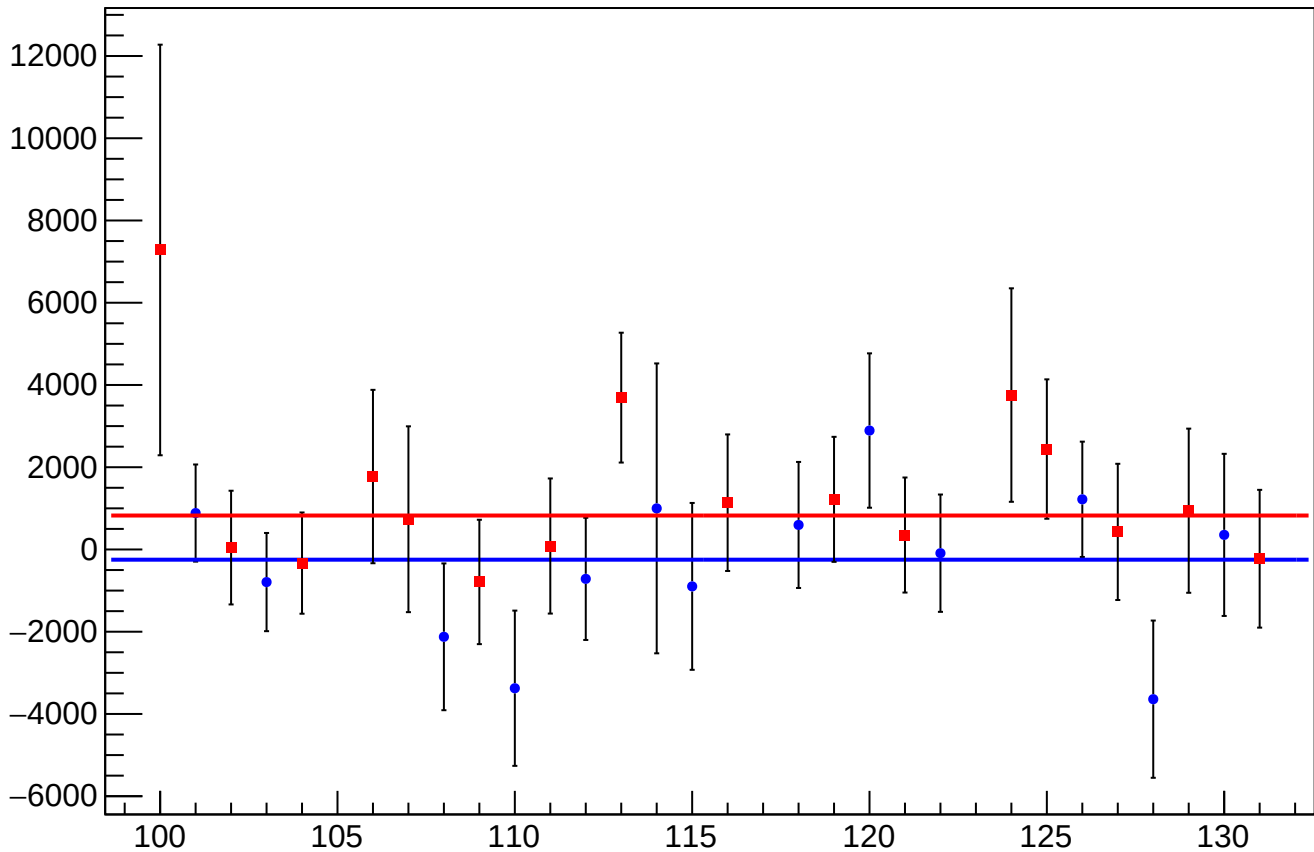
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1360.589+/-0.287 χ^2/NDF : 903708.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_reg_correction_mean vs Slug



Right In: -248.606+/-445.870 χ^2 /NDF: 12.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 825.529+/-421.517 χ^2 /NDF: 10.6/15

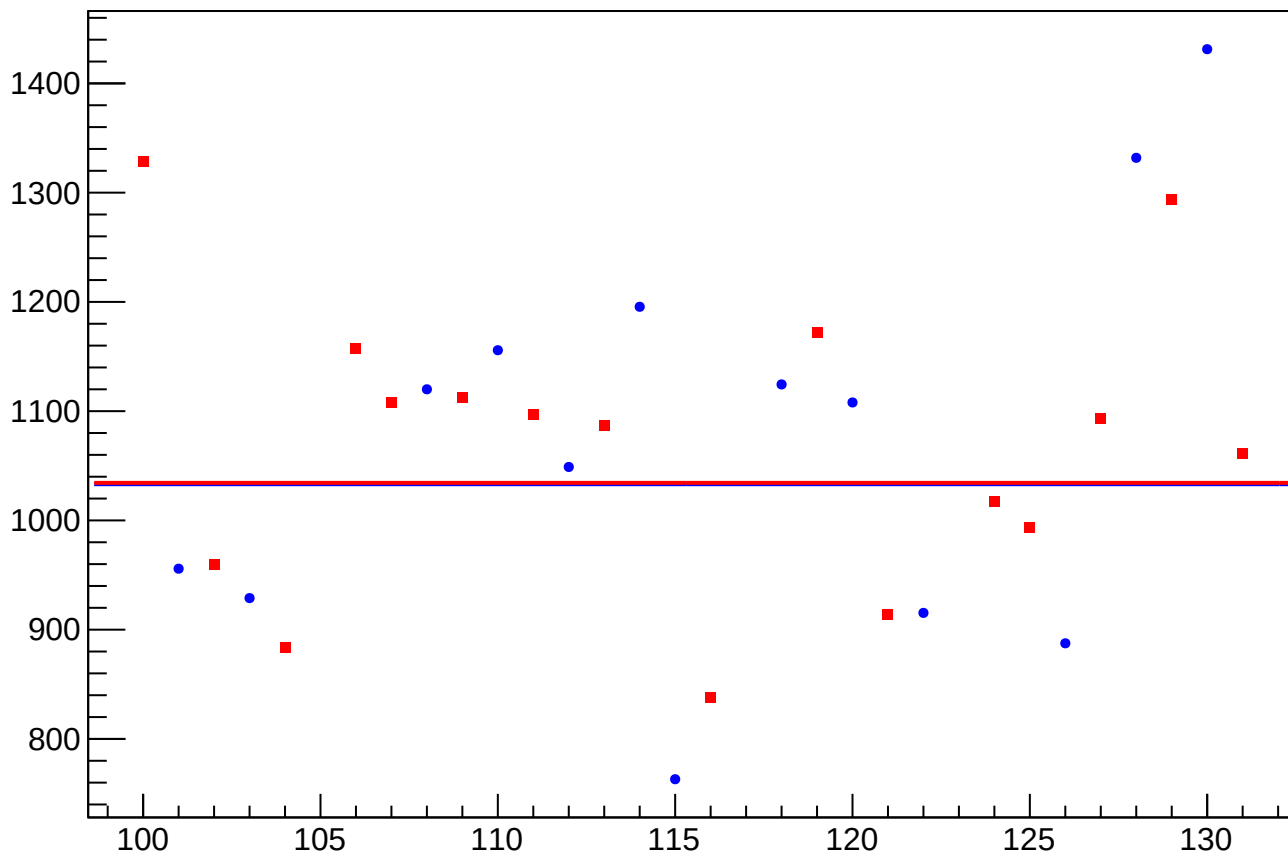
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 318.595+/-306.305 χ^2 /NDF: 26.4/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_reg_correction_rms vs Slug



Right In: 1033.168+/-0.315 χ^2/NDF : 252809.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1034.363+/-0.298 χ^2/NDF : 159429.7/15

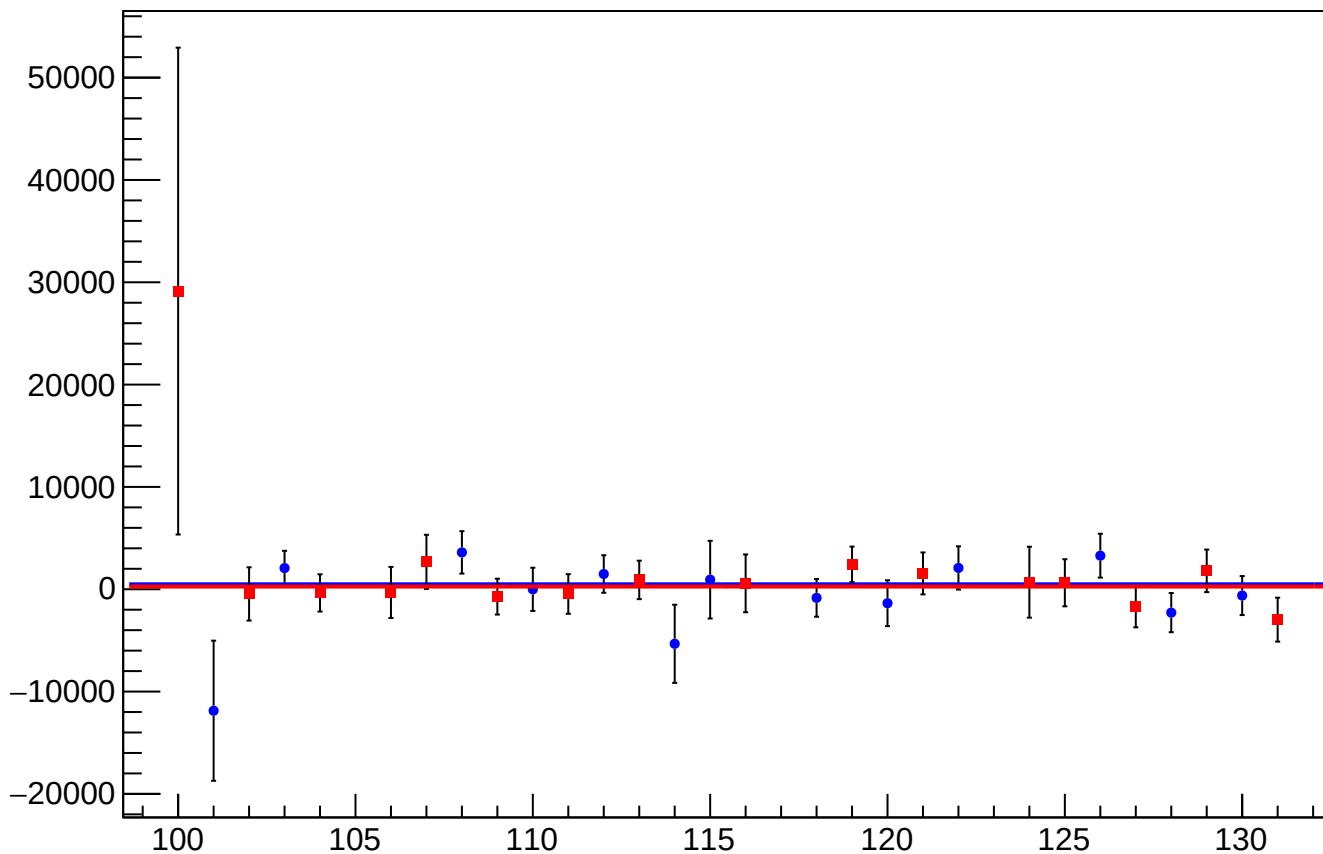
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1033.799+/-0.217 χ^2/NDF : 412246.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr1_dd_mean vs Slug



Right In: 482.169+/-603.187 χ^2/NDF : 15.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 262.586+/-550.688 χ^2/NDF : 8.9/15

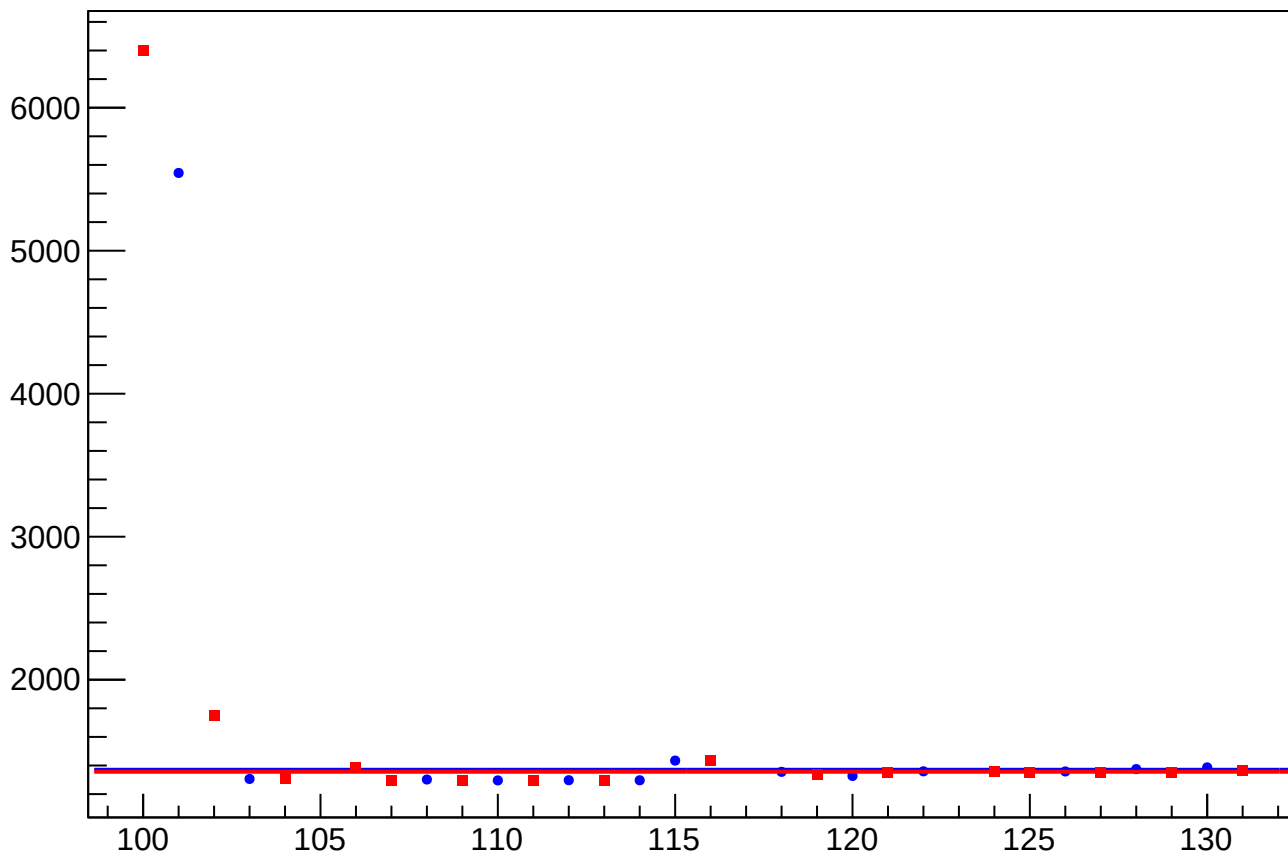
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.407+/-406.691 χ^2/NDF : 24.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr1_dd_rms vs Slug



Right In: 1370.123+/-0.427 χ^2/NDF : 756244.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1356.468+/-0.389 χ^2/NDF : 146410.5/15

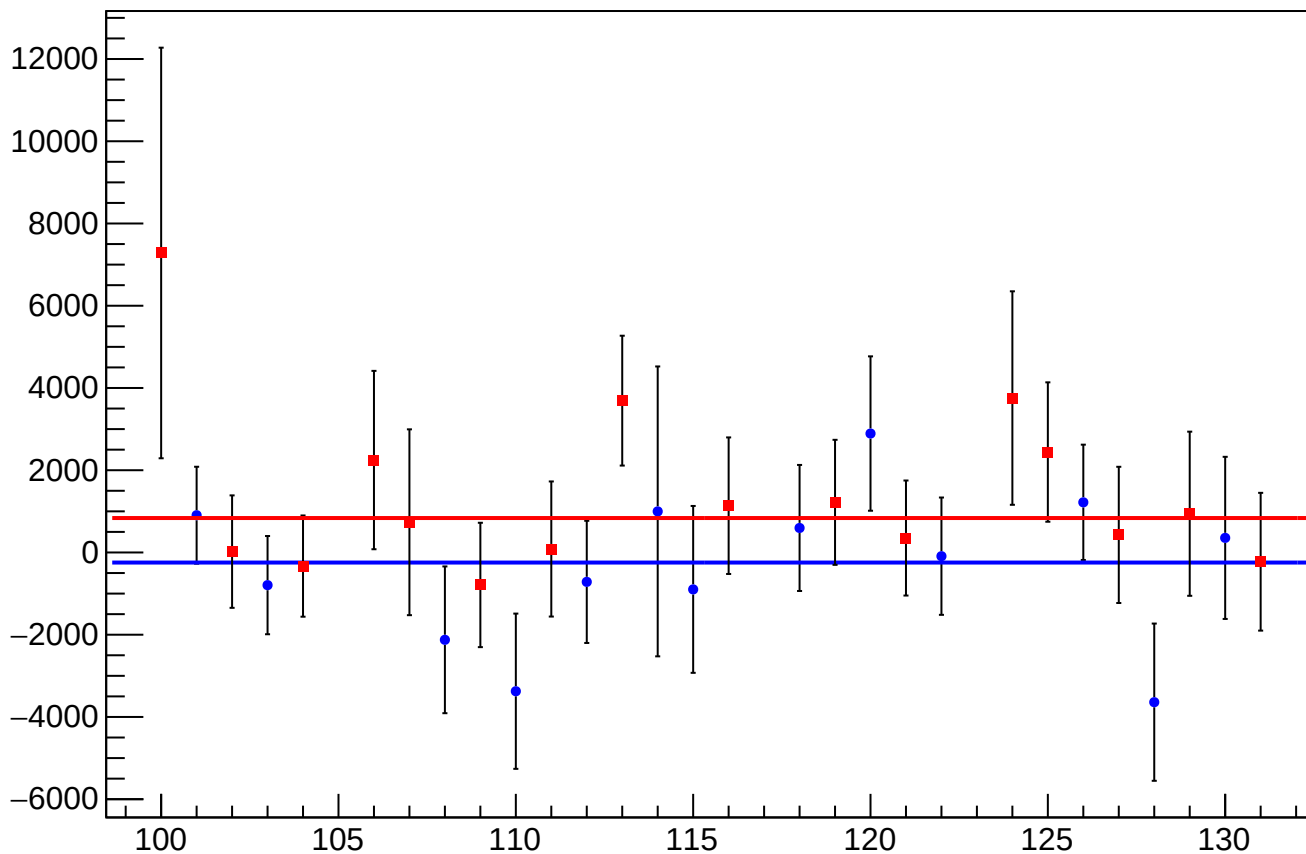
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1362.676+/-0.288 χ^2/NDF : 903213.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_cor_correction_mean vs Slug



Right In: -245.162+/-445.739 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 837.383+/-421.531 χ^2/NDF : 10.8/15

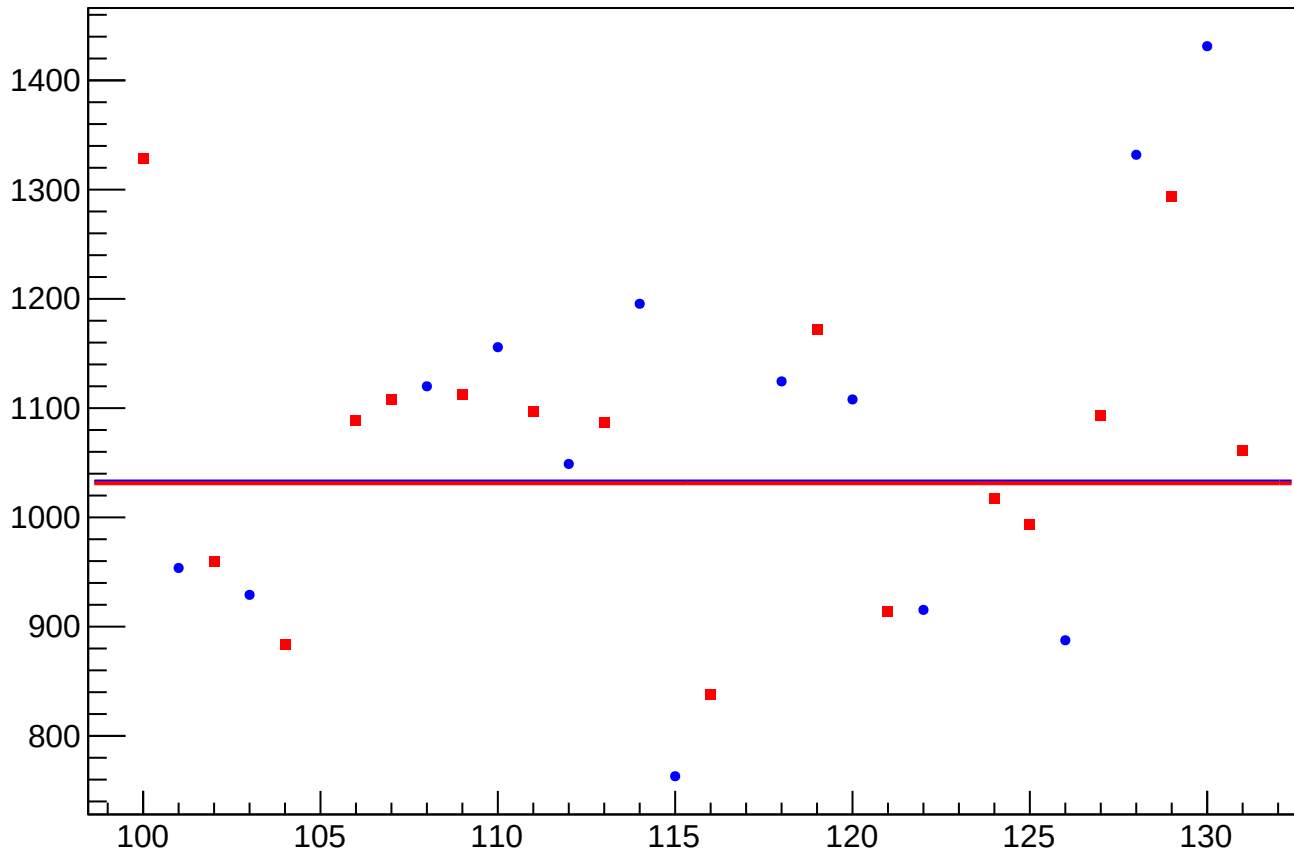
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 326.304+/-306.268 χ^2/NDF : 26.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_cor_correction_rms vs Slug



Right In: 1032.849 $\pm$ 0.315 χ^2 /NDF: 253263.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1031.253 $\pm$ 0.298 χ^2 /NDF: 154090.5/15

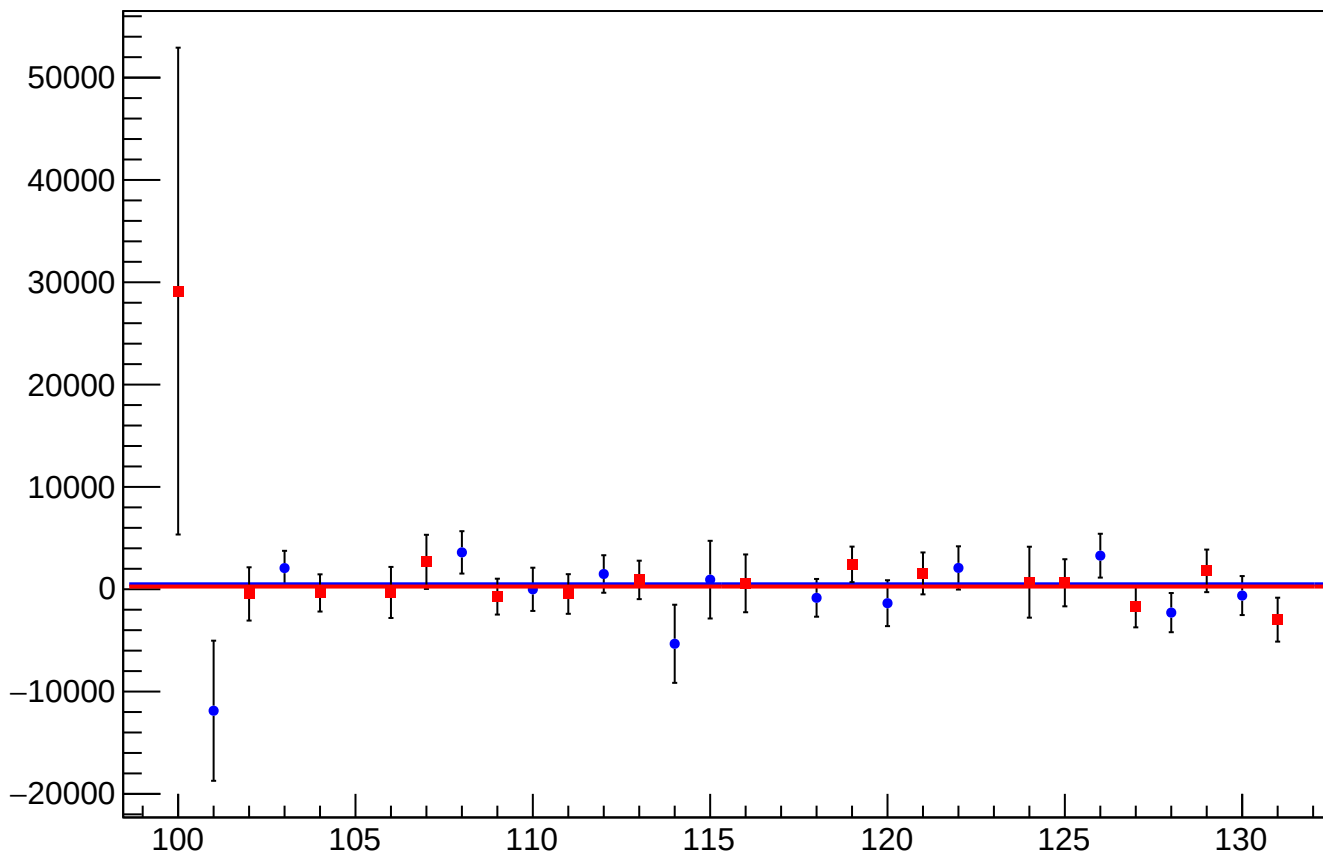
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1032.007 $\pm$ 0.217 χ^2 /NDF: 407367.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usr_atr1_dd_mean vs Slug



Right In: 482.169+/-603.187 χ^2/NDF : 15.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 262.586+/-550.688 χ^2/NDF : 8.9/15

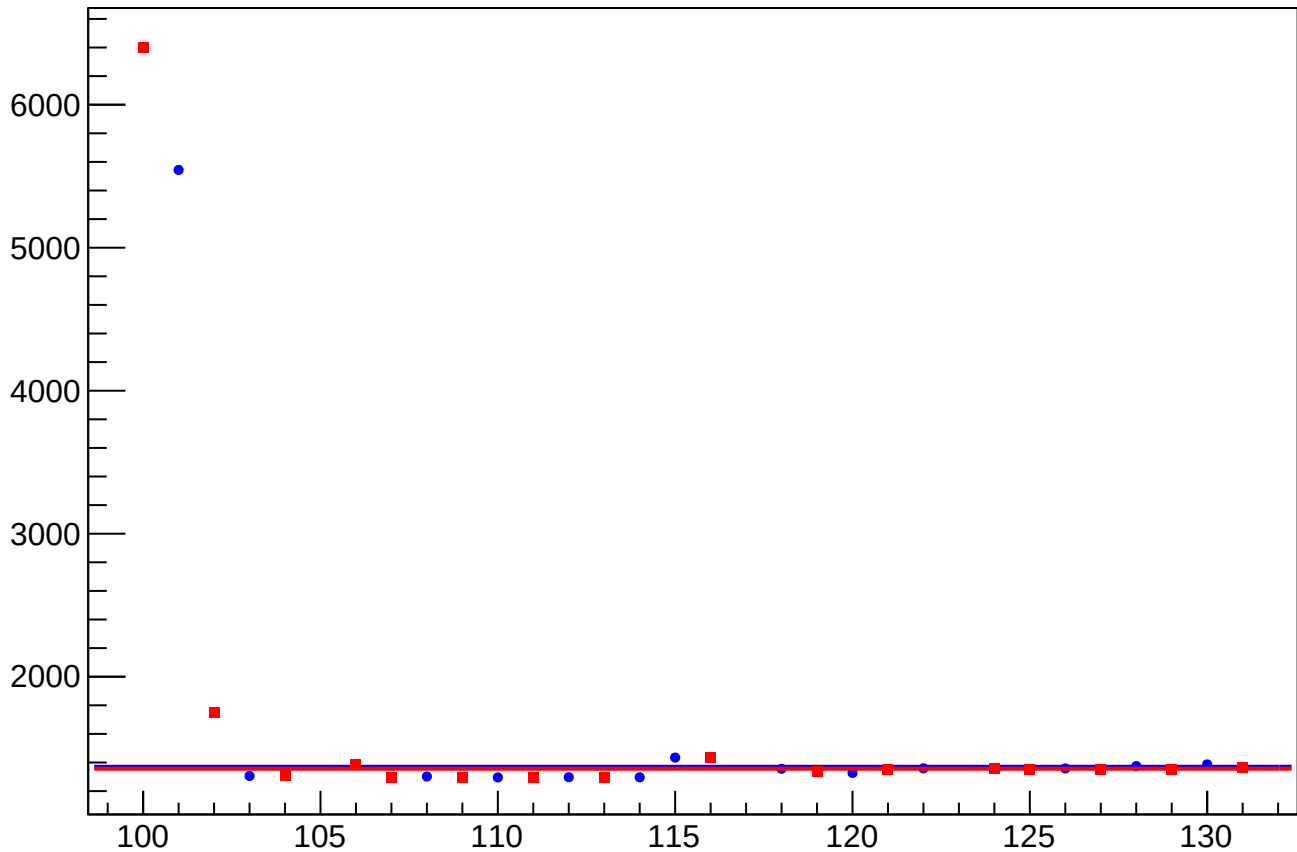
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.407+/-406.691 χ^2/NDF : 24.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr1_dd_rms vs Slug



Right In: 1370.123+/-0.427 χ^2/NDF : 756244.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

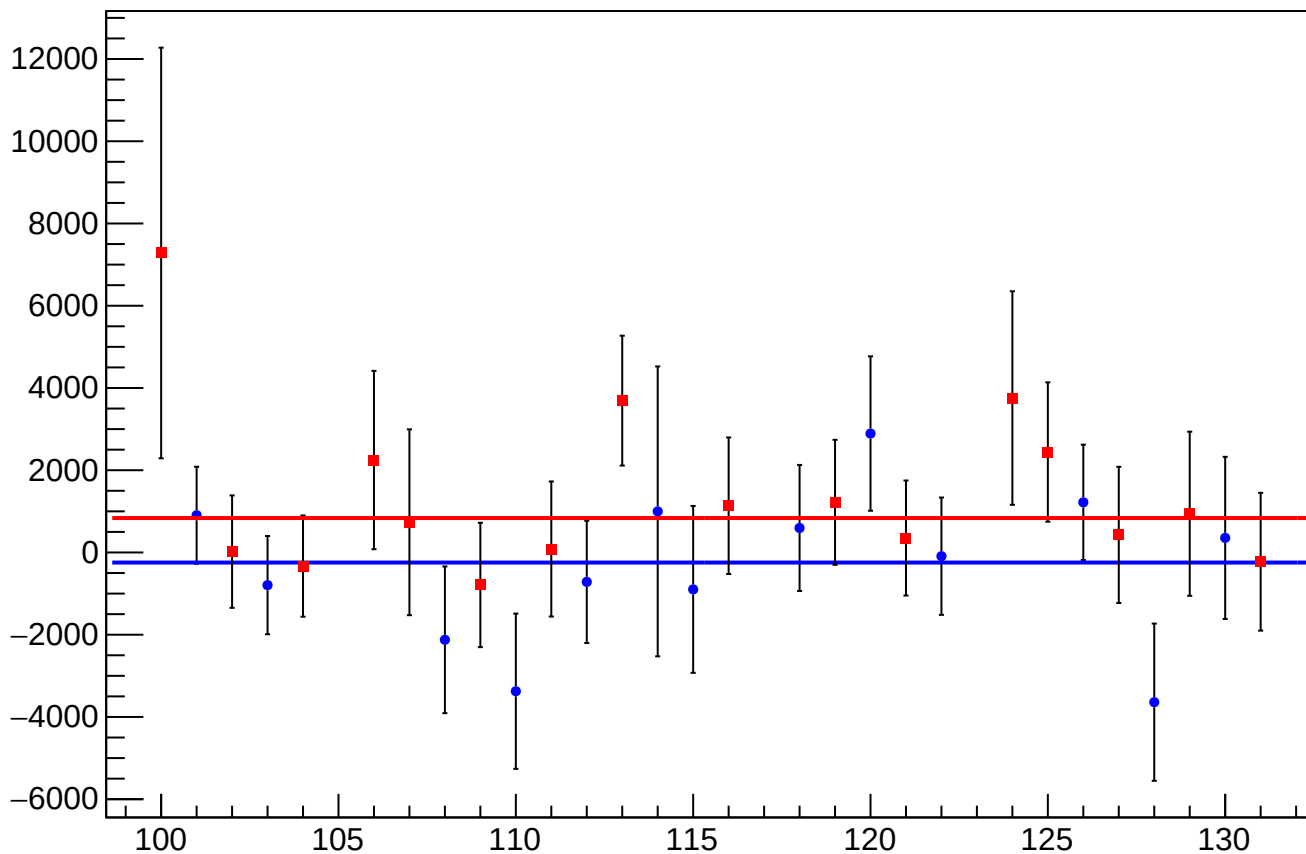
Right Out: 1356.468+/-0.389 χ^2/NDF : 146410.5/15

All: 1362.676+/-0.288 χ^2/NDF : 903213.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_cor_correction_mean vs Slug



Right In: -245.162+/-445.739 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 837.383+/-421.531 χ^2/NDF : 10.8/15

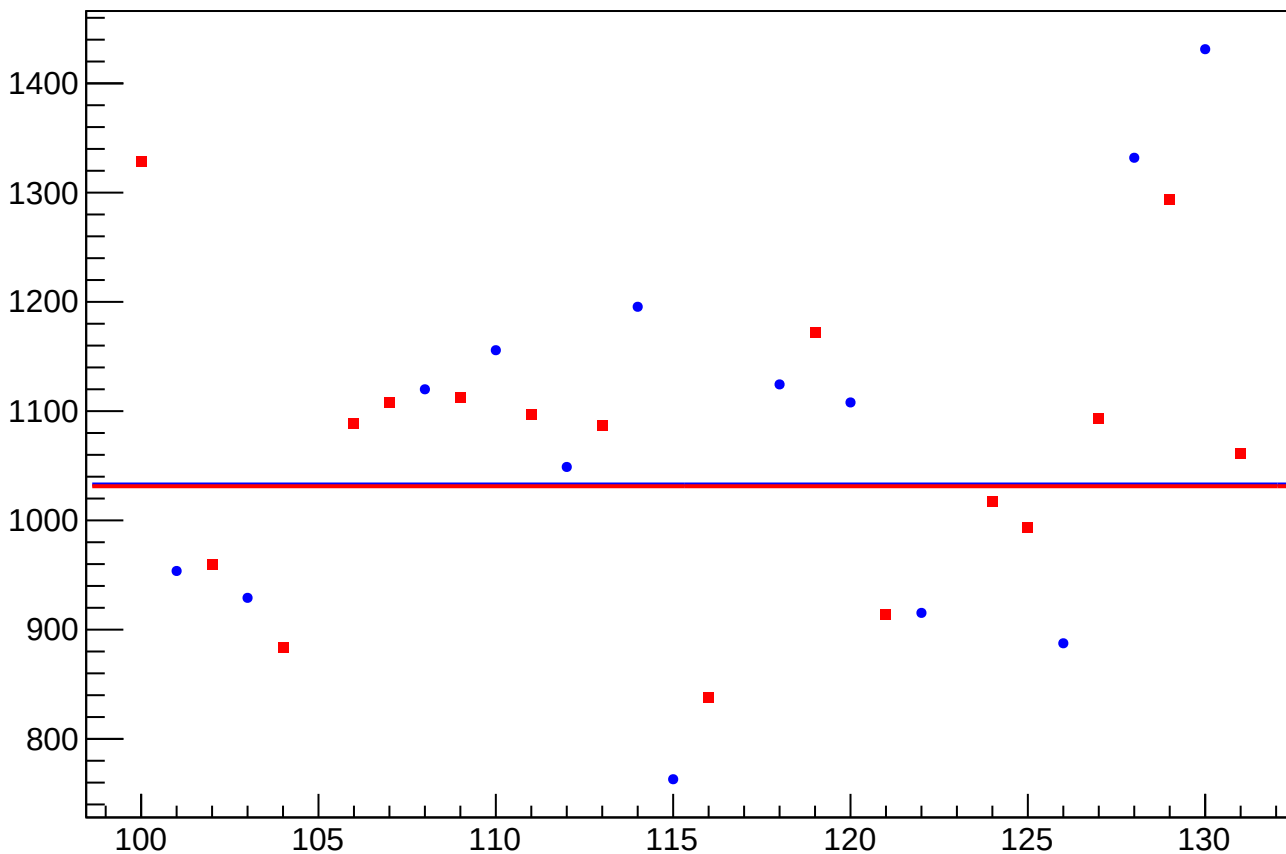
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 326.304+/-306.268 χ^2/NDF : 26.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_cor_correction_rms vs Slug



Right In: 1032.849 $\pm$ 0.315 χ^2 /NDF: 253263.4/12

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

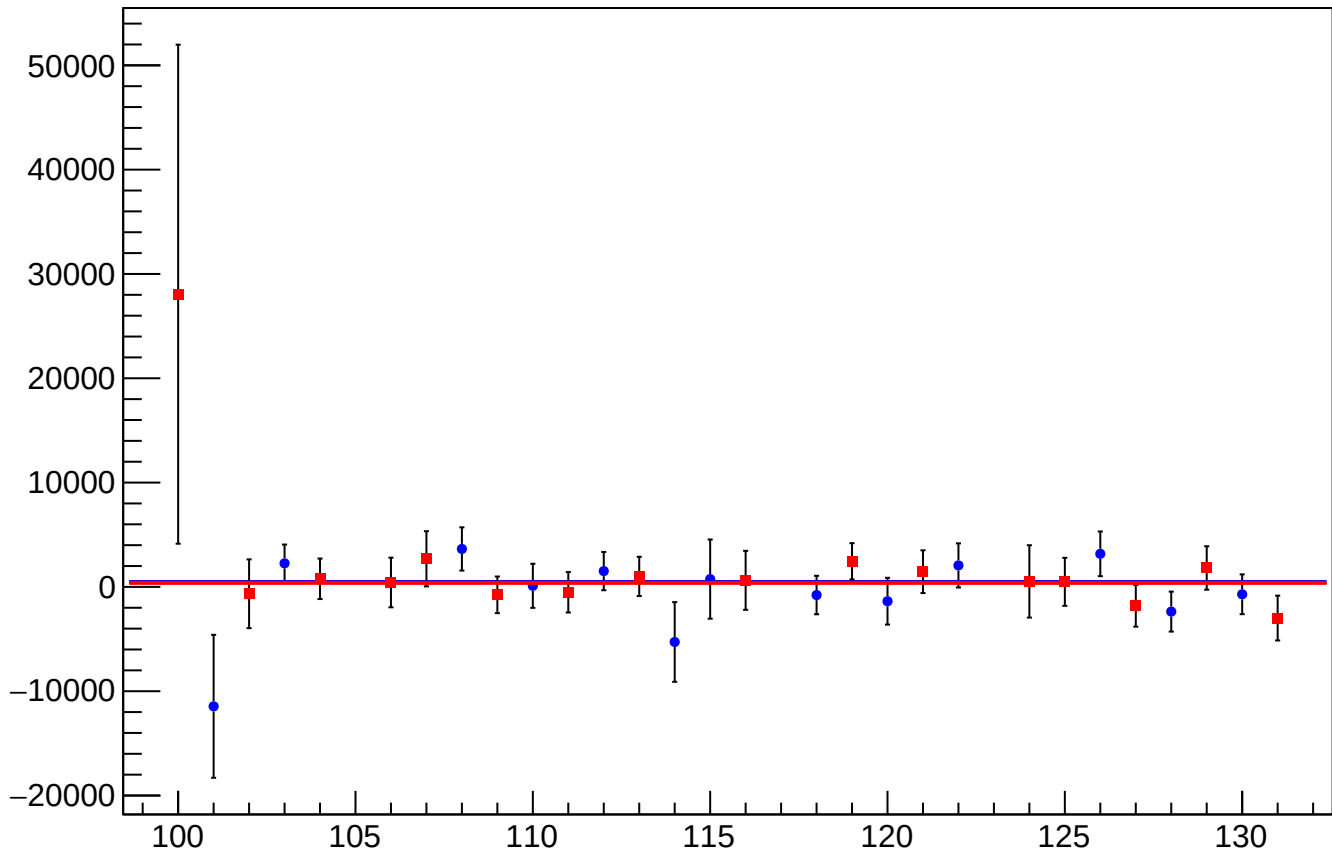
Right Out: 1031.253 $\pm$ 0.298 χ^2 /NDF: 154090.5/15

All: 1032.007 $\pm$ 0.217 χ^2 /NDF: 407367.4/28

- 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_usr_atr1_dd_mean vs Slug



Right In: 470.941+/-608.365 χ^2/NDF : 14.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 387.337+/-557.470 χ^2/NDF : 8.9/15

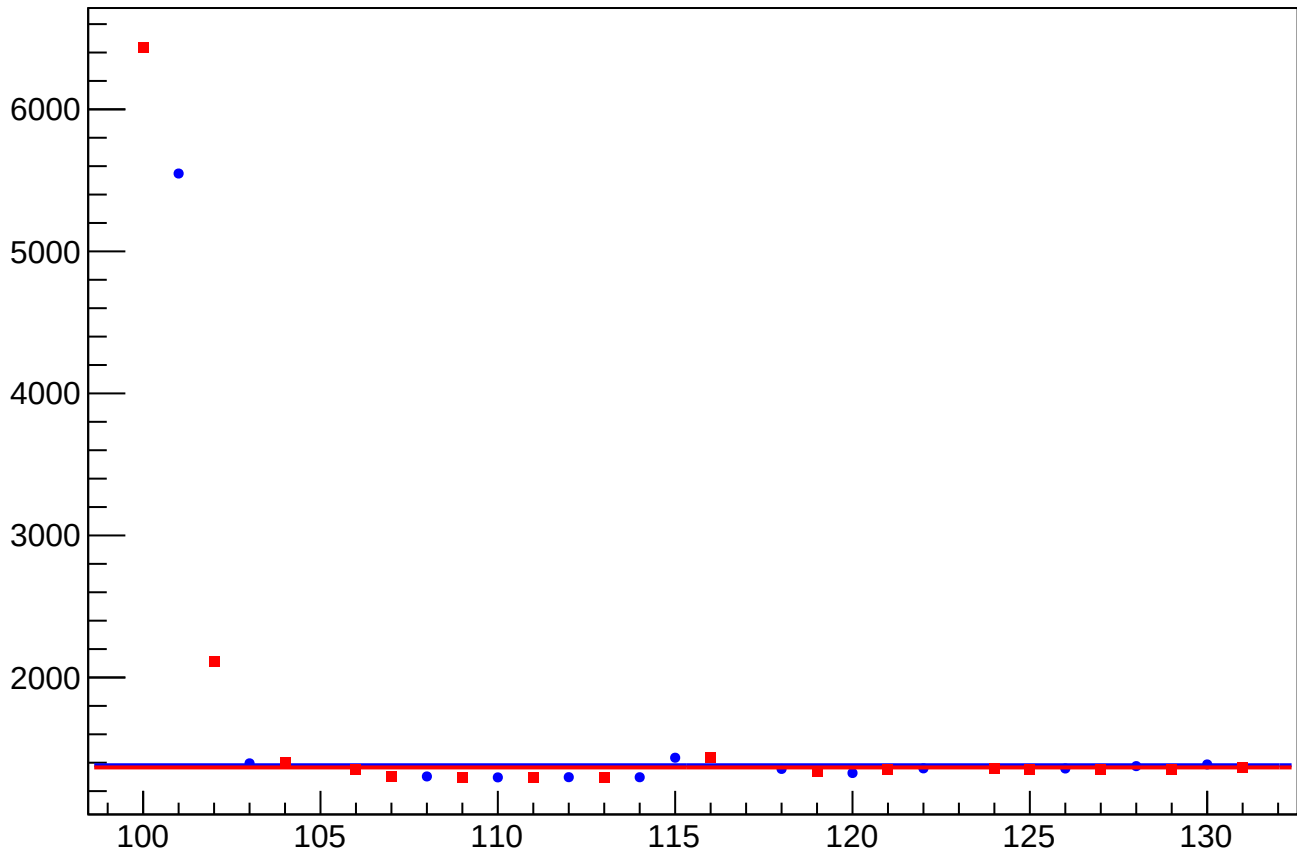
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 425.496+/-411.008 χ^2/NDF : 23.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr1_dd_rms vs Slug



Right In: 1382.109+/-0.430 χ^2/NDF : 753123.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1366.759+/-0.394 χ^2/NDF : 203807.7/15

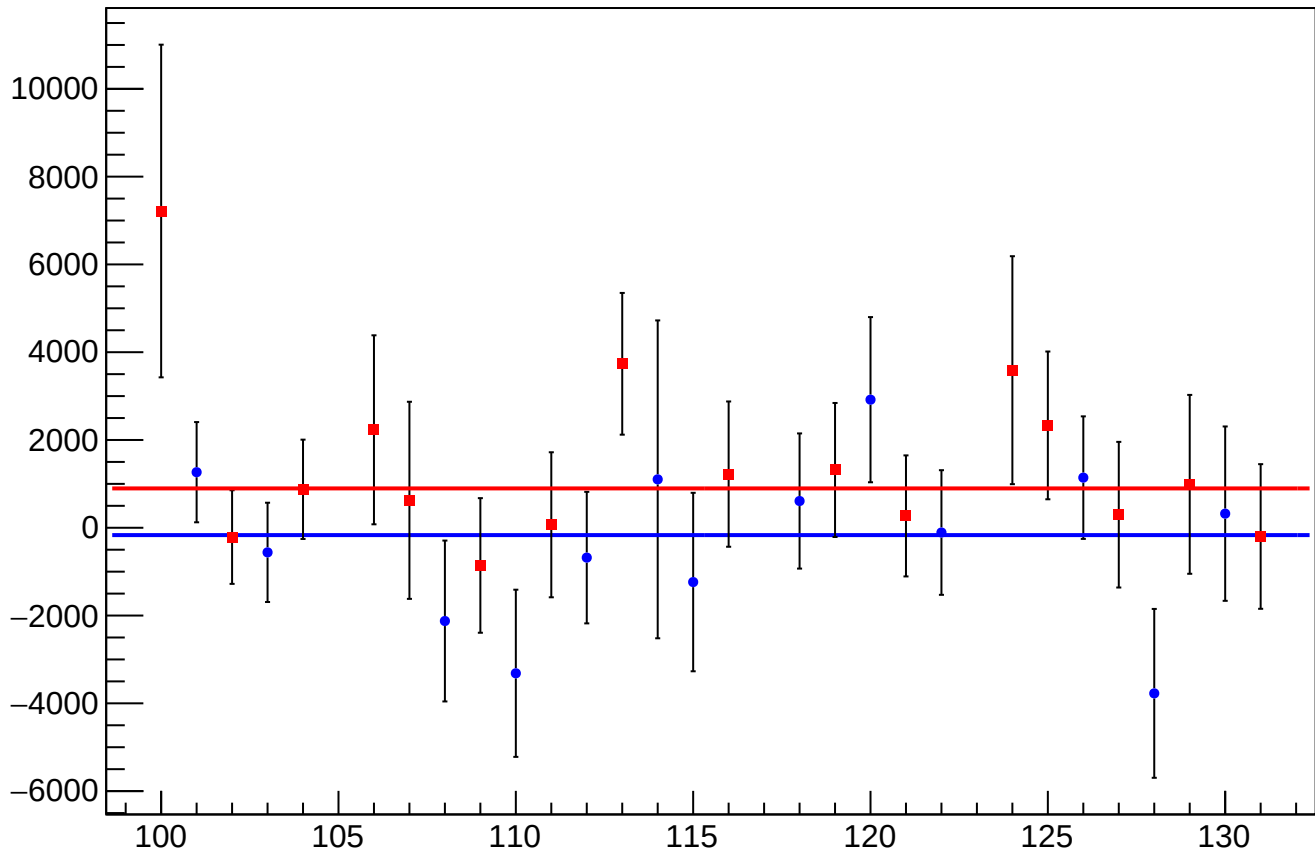
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1373.765+/-0.291 χ^2/NDF : 957623.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_dit_correction_mean vs Slug



Right In: -167.097+/-441.827 χ^2/NDF : 13.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 896.482+/-404.471 χ^2/NDF : 11.6/15

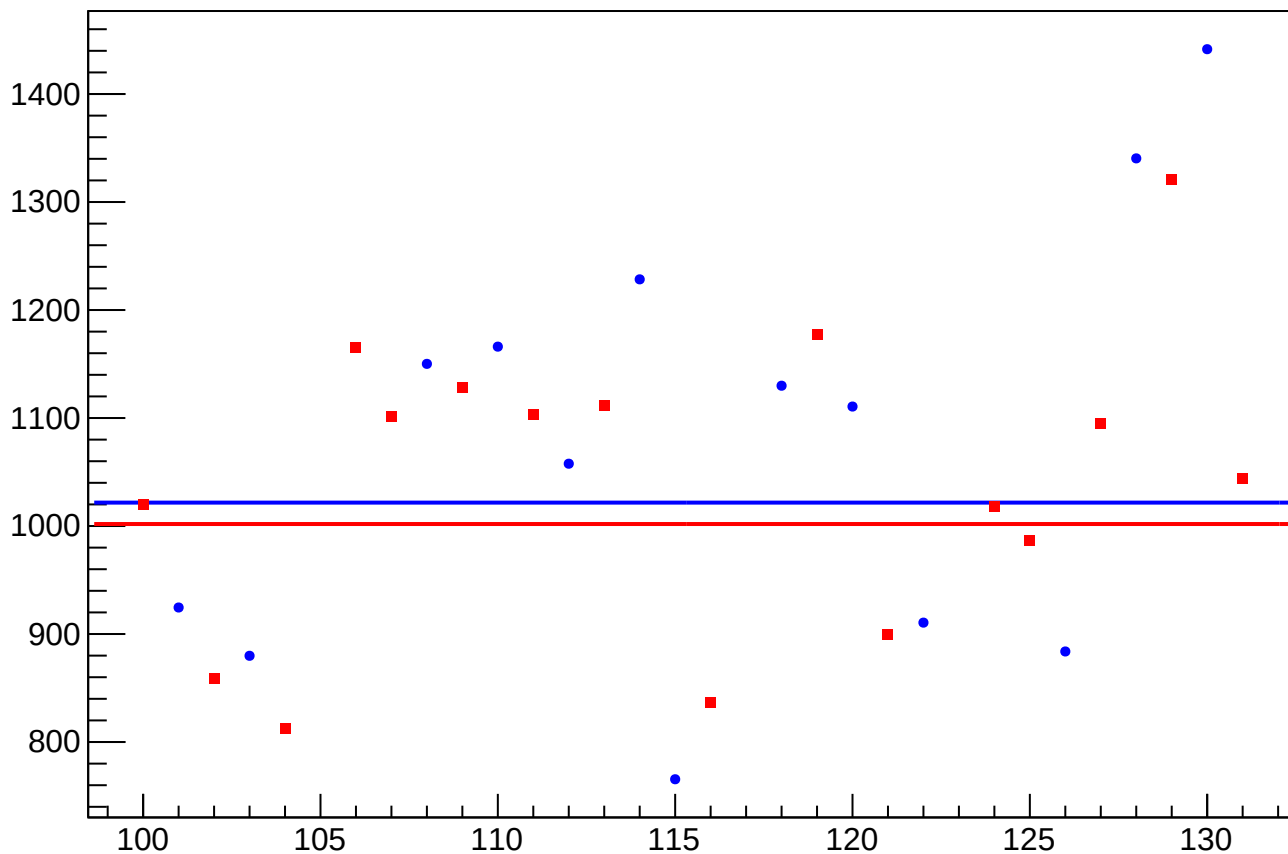
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 411.548+/-298.338 χ^2/NDF : 28.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_dit_correction_rms vs Slug



Right In: 1021.676+/-0.312 χ^2/NDF : 297028.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

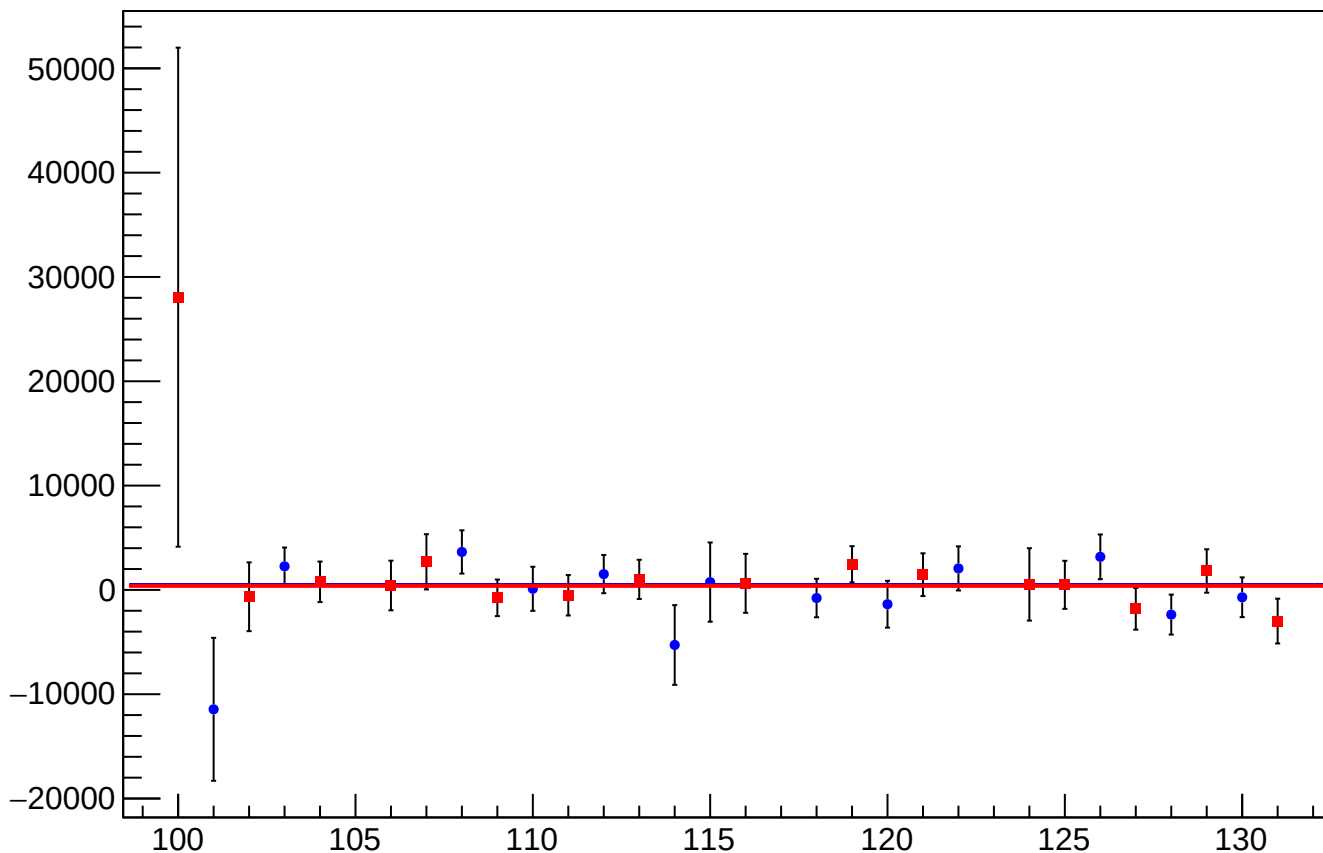
Right Out: 1001.847+/-0.286 χ^2/NDF : 251859.1/15

All: 1010.888+/-0.211 χ^2/NDF : 551078.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr1_dd_mean vs Slug



Right In: 470.943+/-608.365 χ^2/NDF : 14.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 387.335+/-557.470 χ^2/NDF : 8.9/15

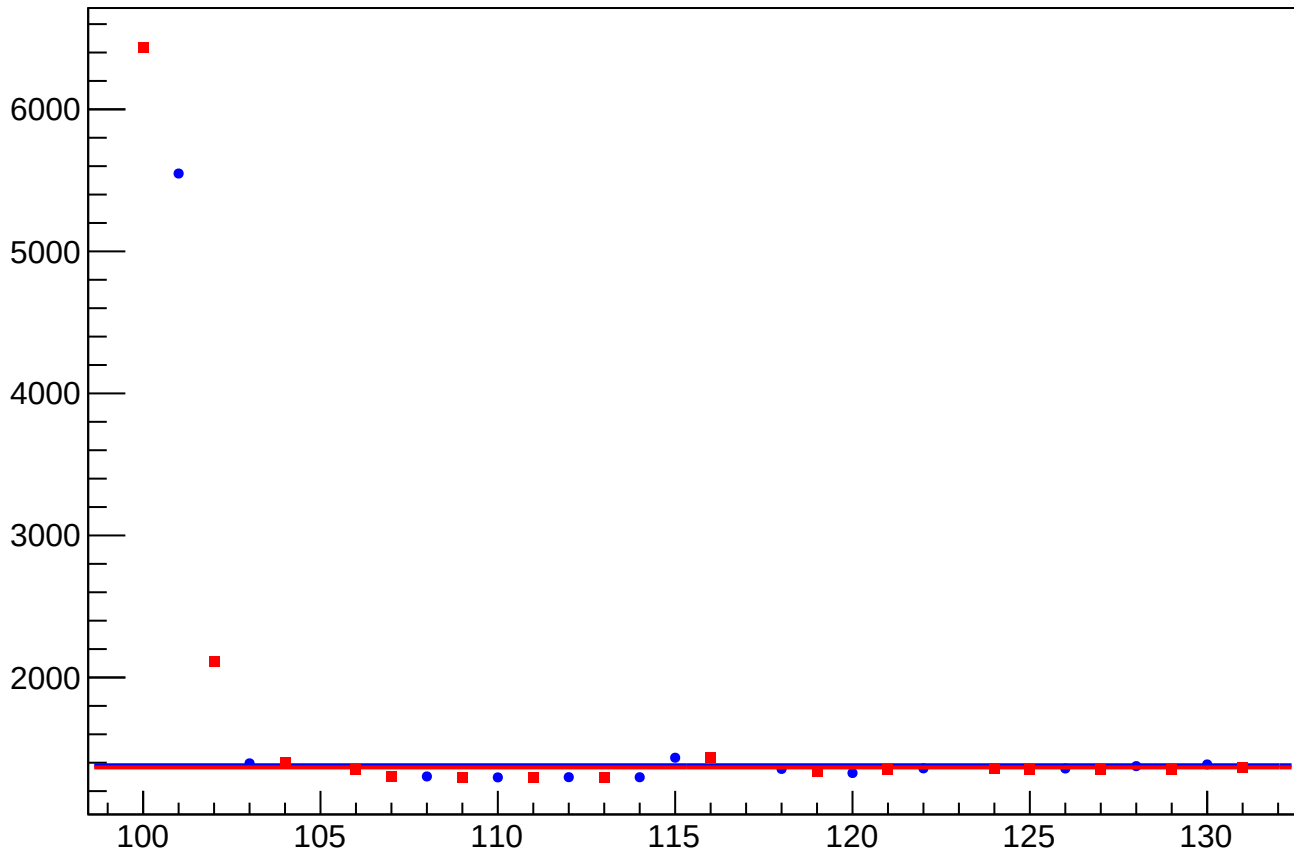
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 425.496+/-411.008 χ^2/NDF : 23.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr1_dd_rms vs Slug



Right In: 1382.109+/-0.430 χ^2/NDF : 753123.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1366.759+/-0.394 χ^2/NDF : 203807.6/15

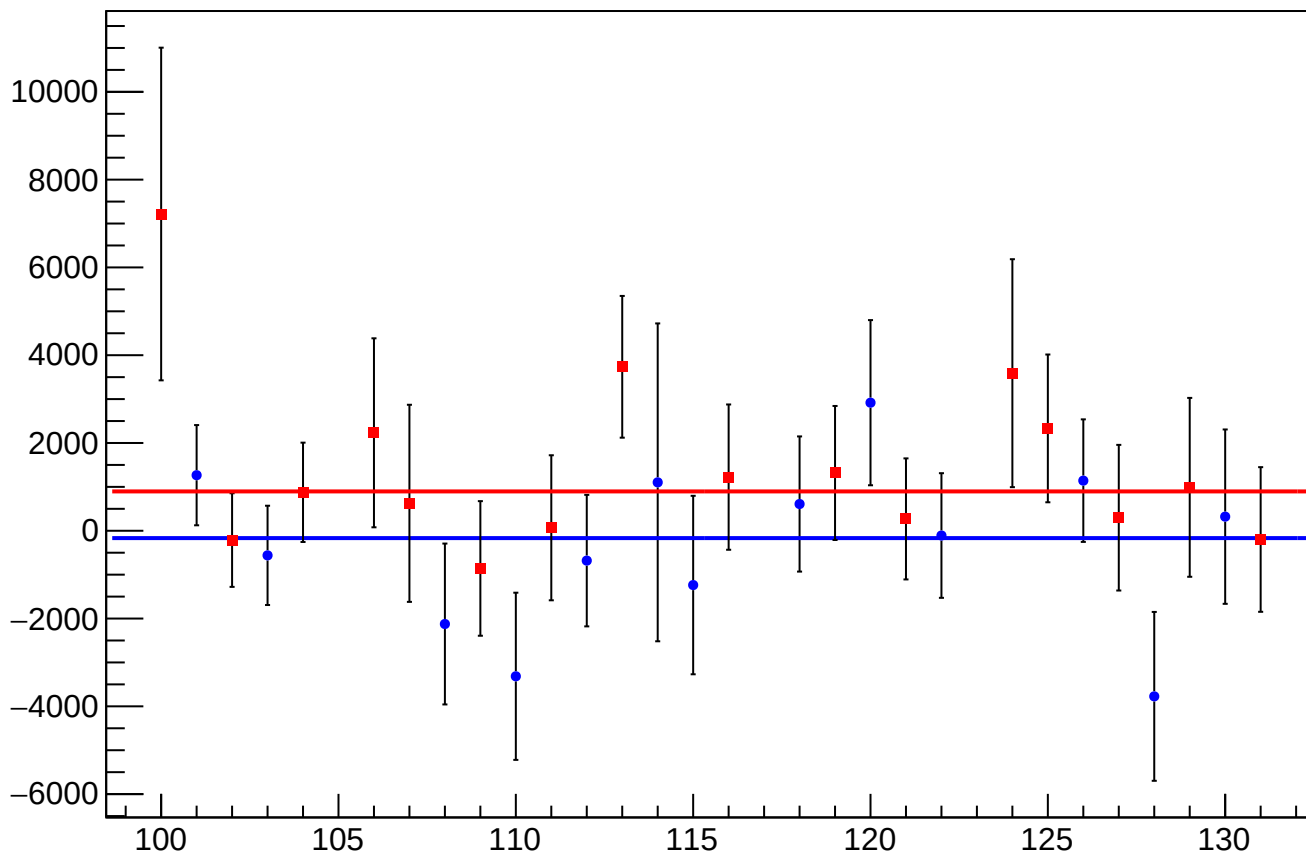
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1373.765+/-0.291 χ^2/NDF : 957623.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_dit_correction_mean vs Slug



Right In: -167.097+/-441.826 χ^2/NDF : 13.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 896.481+/-404.471 χ^2/NDF : 11.6/15

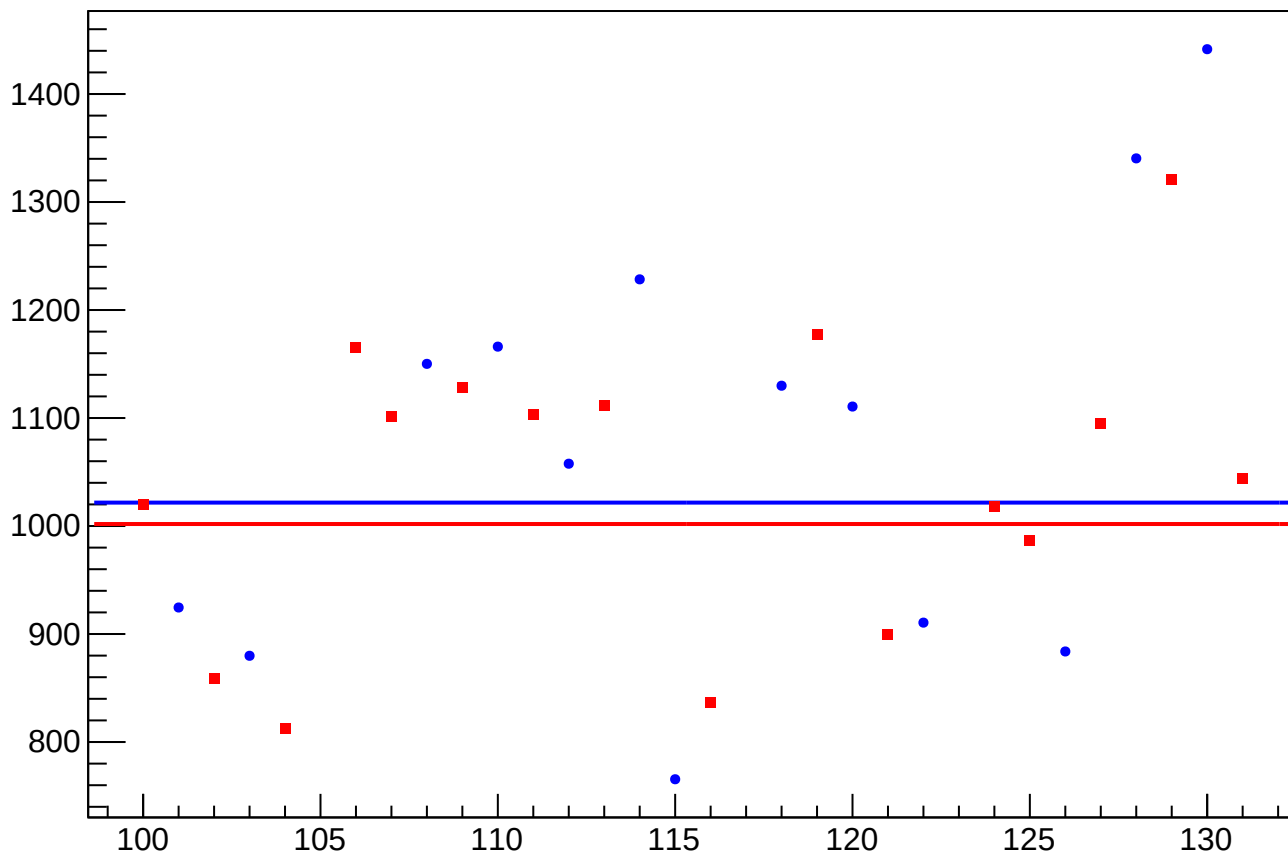
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 411.547+/-298.338 χ^2/NDF : 28.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_dit_correction_rms vs Slug



Right In: 1021.674 $\pm$ 0.312 χ^2 /NDF: 297022.1/12

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

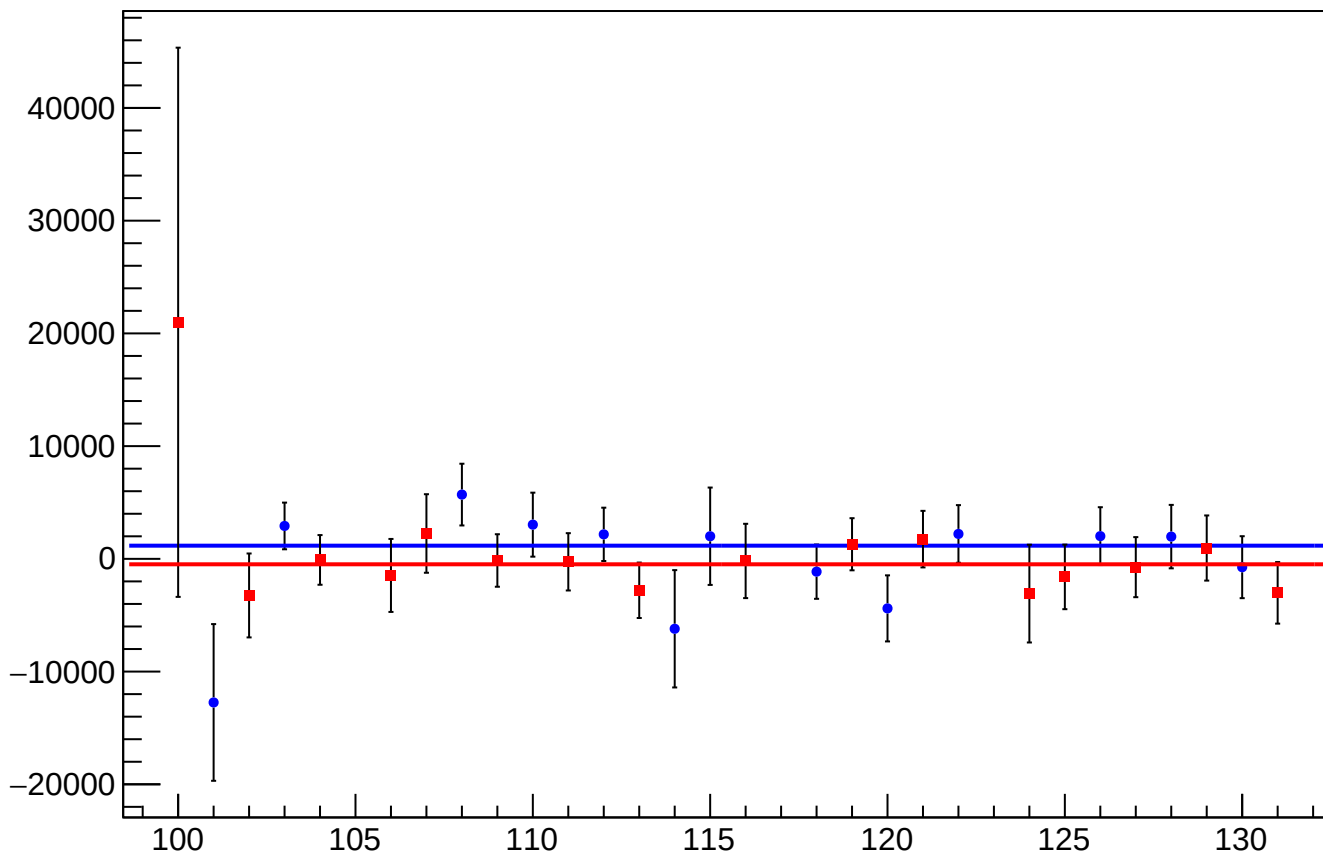
Right Out: 1001.846 $\pm$ 0.286 χ^2 /NDF: 251852.6/15

All: 1010.887 $\pm$ 0.211 χ^2 /NDF: 551066.2/28

- 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_mean vs Slug



Right In: 1169.285 $\pm$ 782.516 χ^2 /NDF: 15.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -482.931 $\pm$ 712.491 χ^2 /NDF: 6.0/15

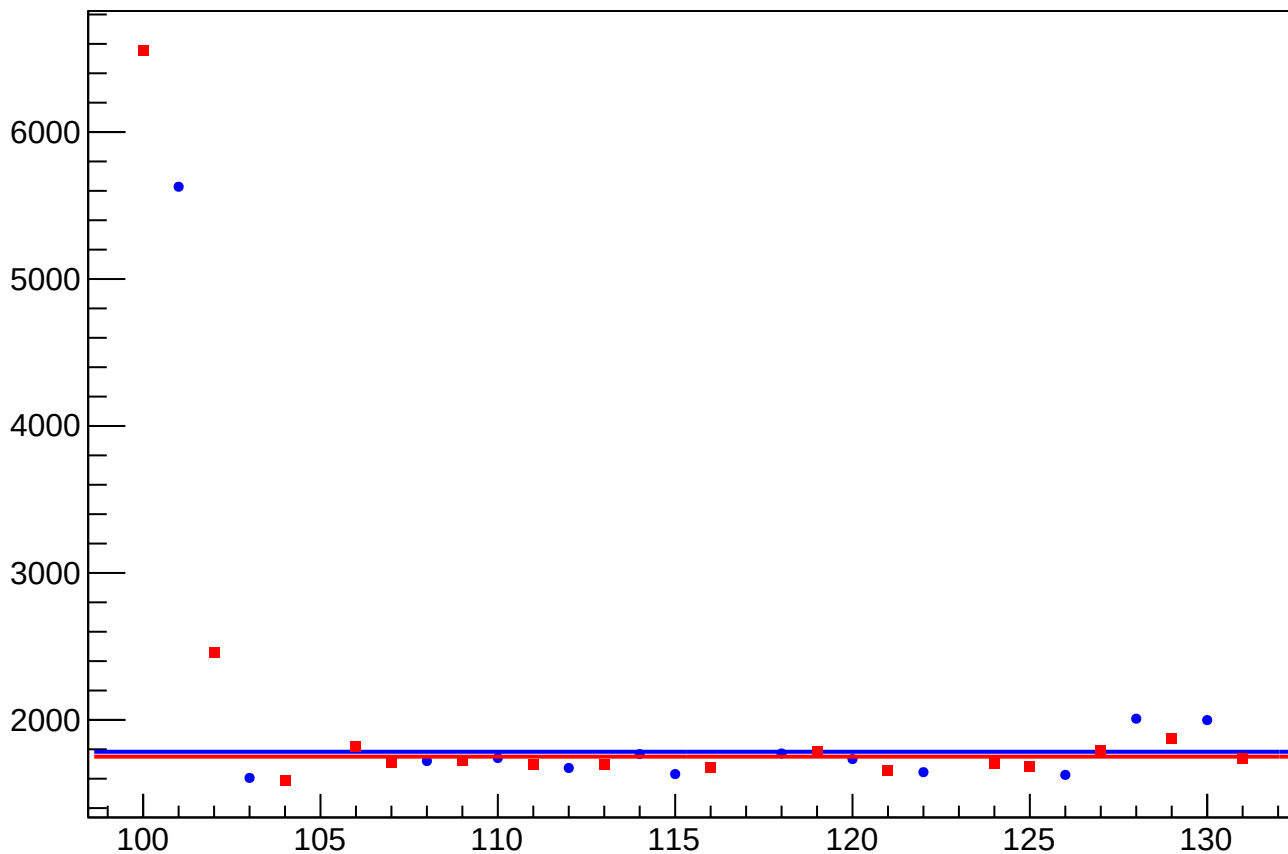
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 265.958 $\pm$ 526.827 χ^2 /NDF: 23.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_rms vs Slug



Right In: 1783.269+/-0.553 χ^2/NDF : 674194.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1750.107+/-0.504 χ^2/NDF : 174368.7/15

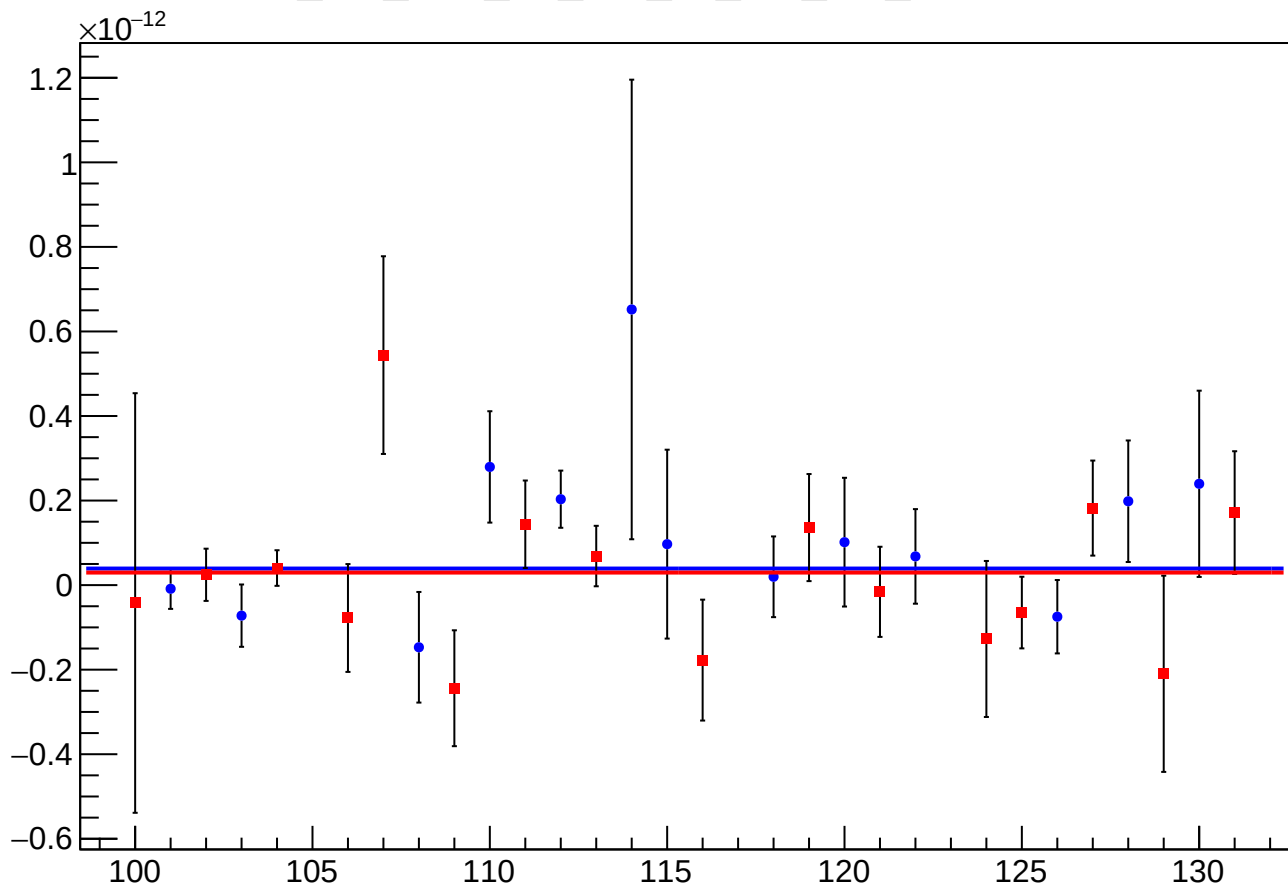
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1765.138+/-0.373 χ^2/NDF : 850526.9/28

- 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 : 19.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.0/15

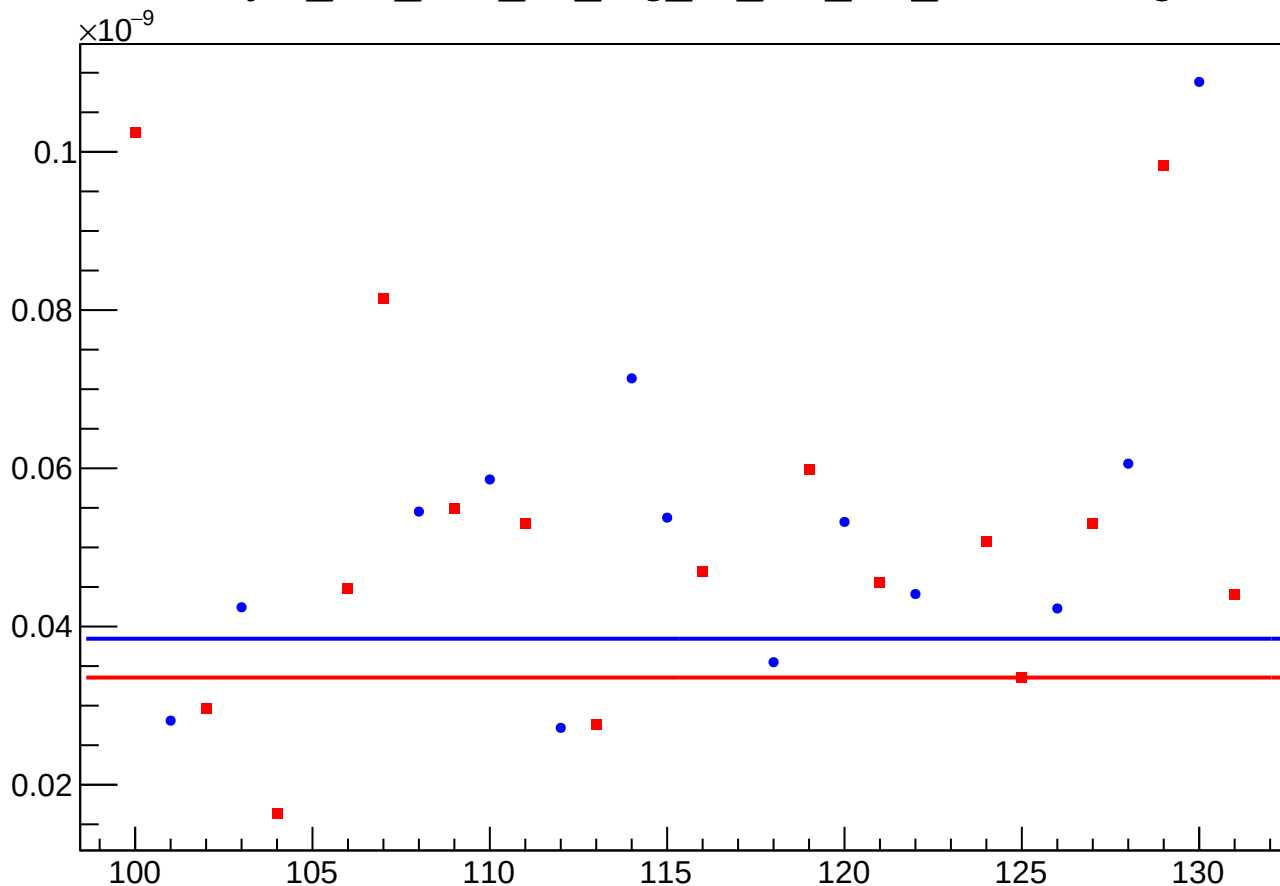
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 40.0/28

- 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 : 530917.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 985532.1/15

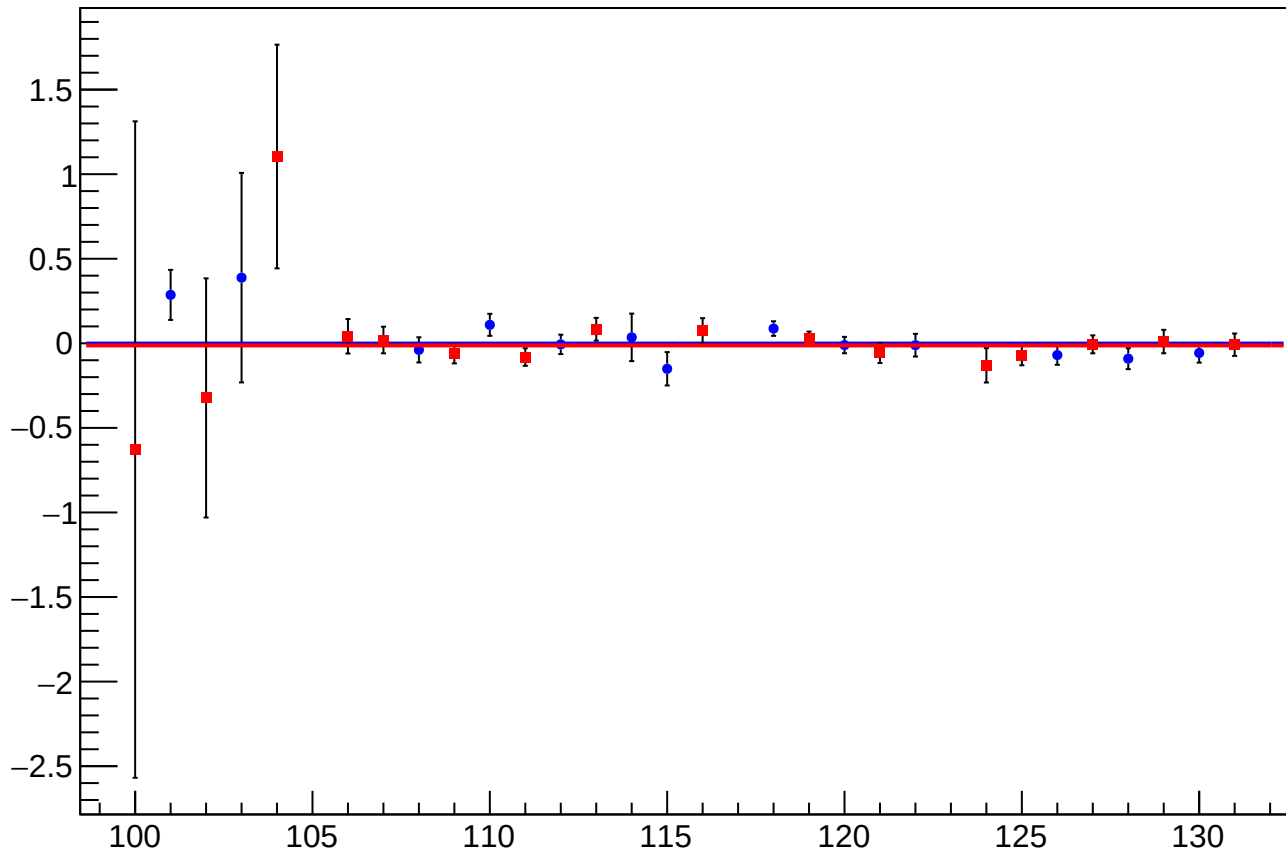
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1554348.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.002+/-0.018 χ^2/NDF : 18.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.013+/-0.017 χ^2/NDF : 13.3/15

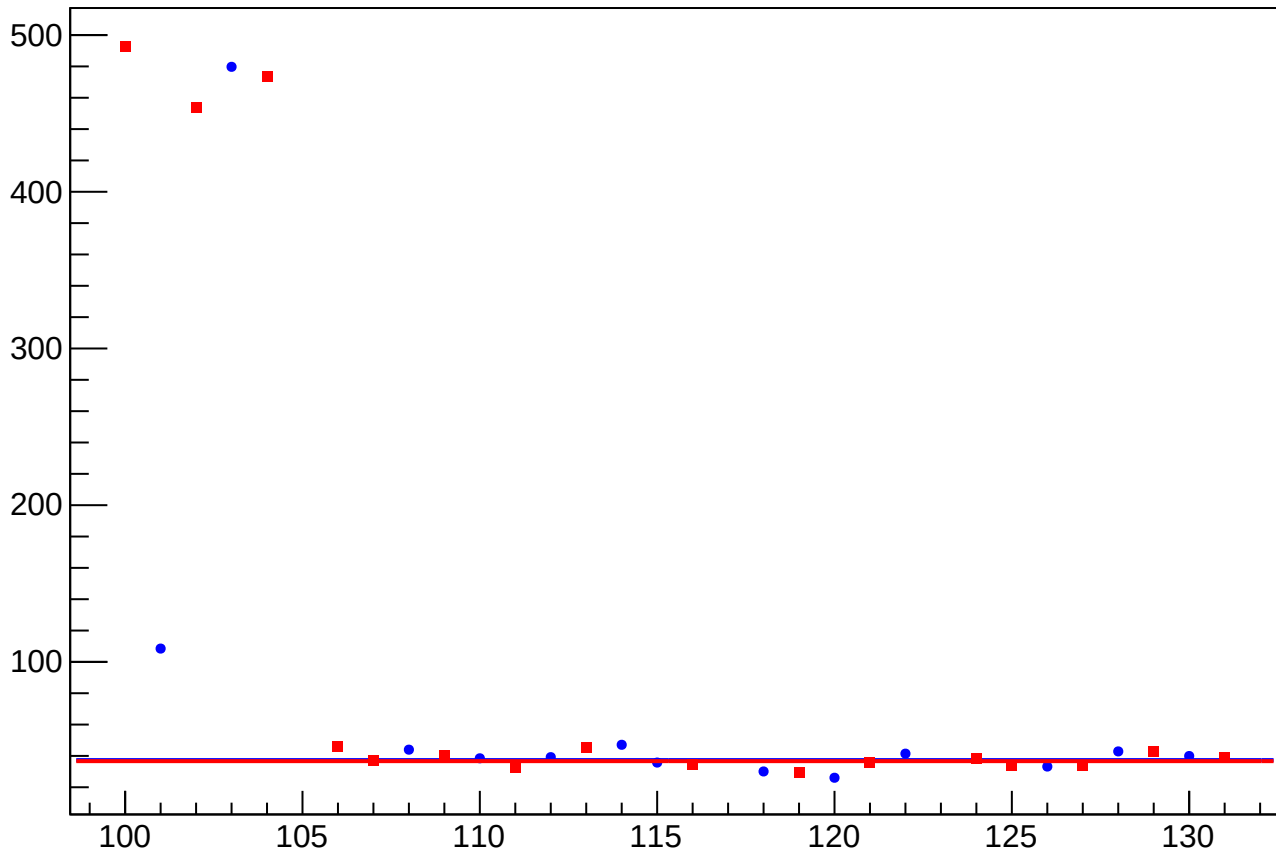
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.013 χ^2/NDF : 31.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_dit_vs_cor_diff_rms vs Slug



Right In: 37.333+/-0.013 χ^2/NDF : 1714809.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.661+/-0.012 χ^2/NDF : 1833618.2/15

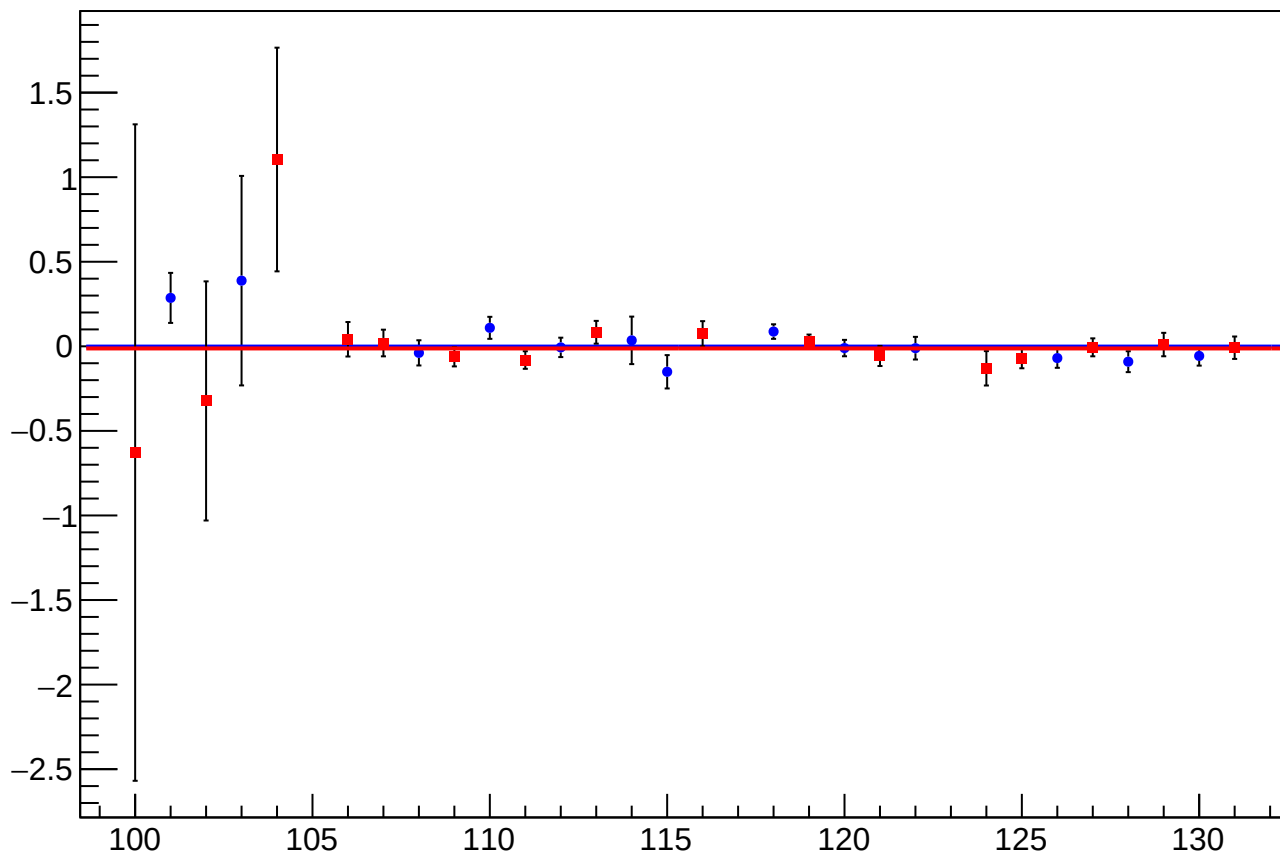
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.976+/-0.009 χ^2/NDF : 3549851.6/28

- 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: -0.002 $\pm$ 0.018 χ^2 /NDF: 18.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.013 $\pm$ 0.017 χ^2 /NDF: 13.3/15

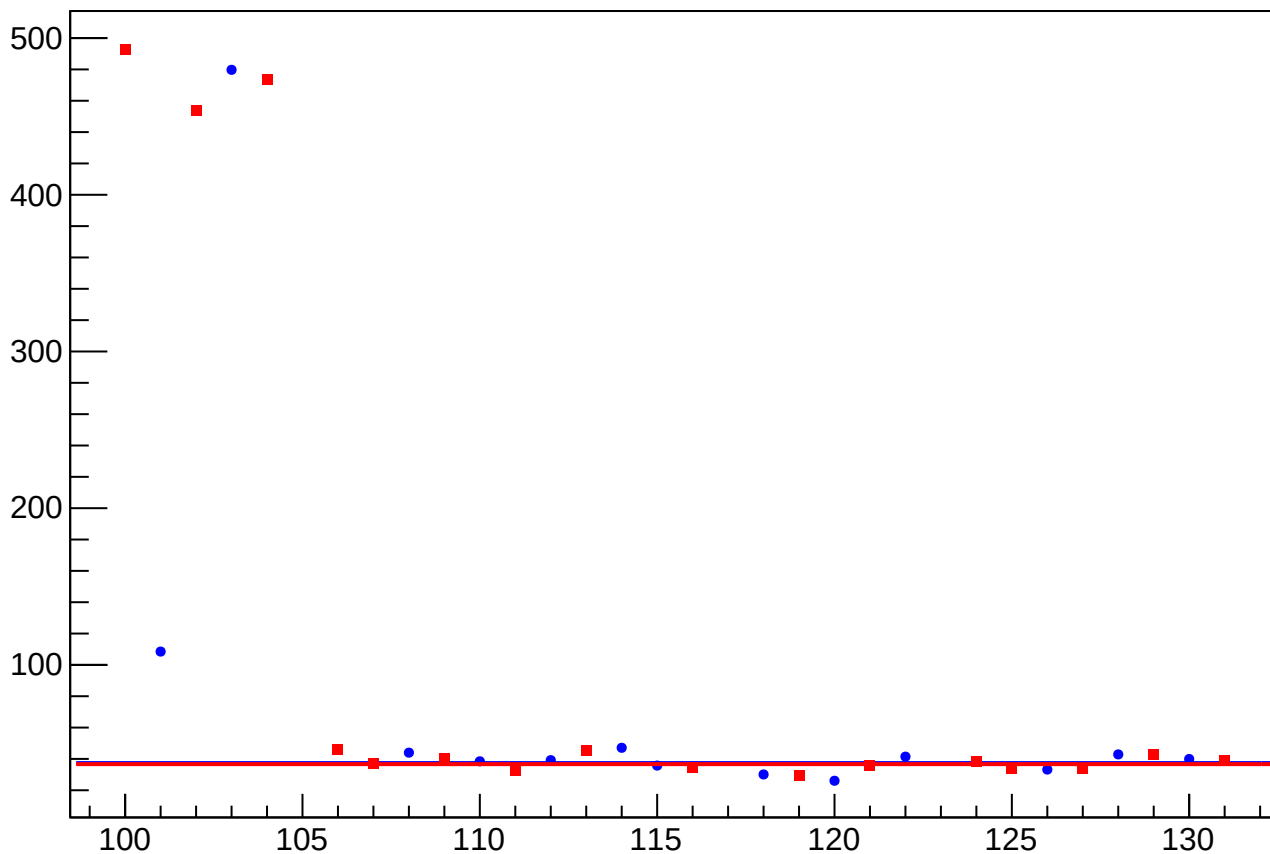
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.007 $\pm$ 0.013 χ^2 /NDF: 31.9/28

- 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: 37.333+/-0.013 χ^2/NDF : 1714809.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.661+/-0.012 χ^2/NDF : 1833618.2/15

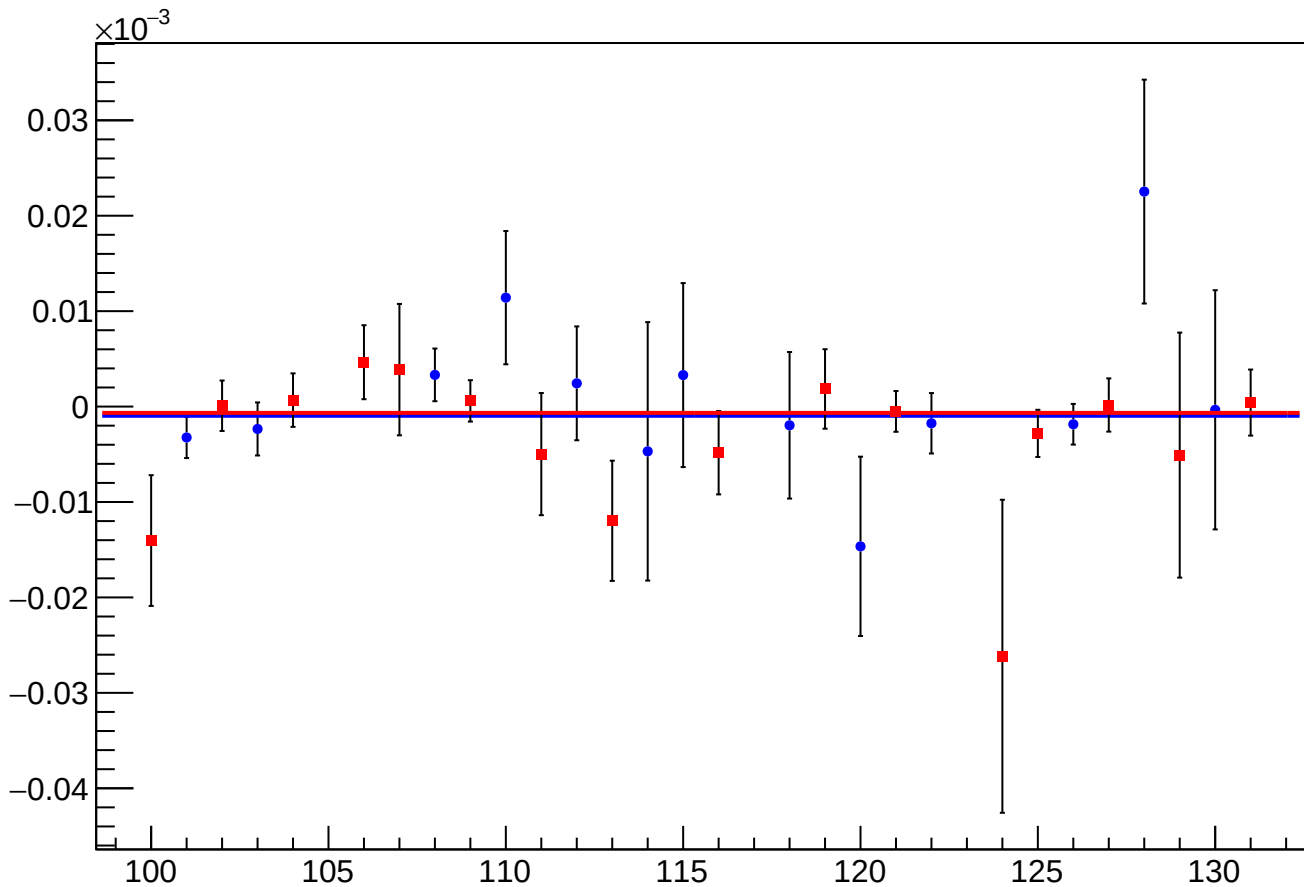
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.976+/-0.009 χ^2/NDF : 3549851.6/28

- 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: 13.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.2/15

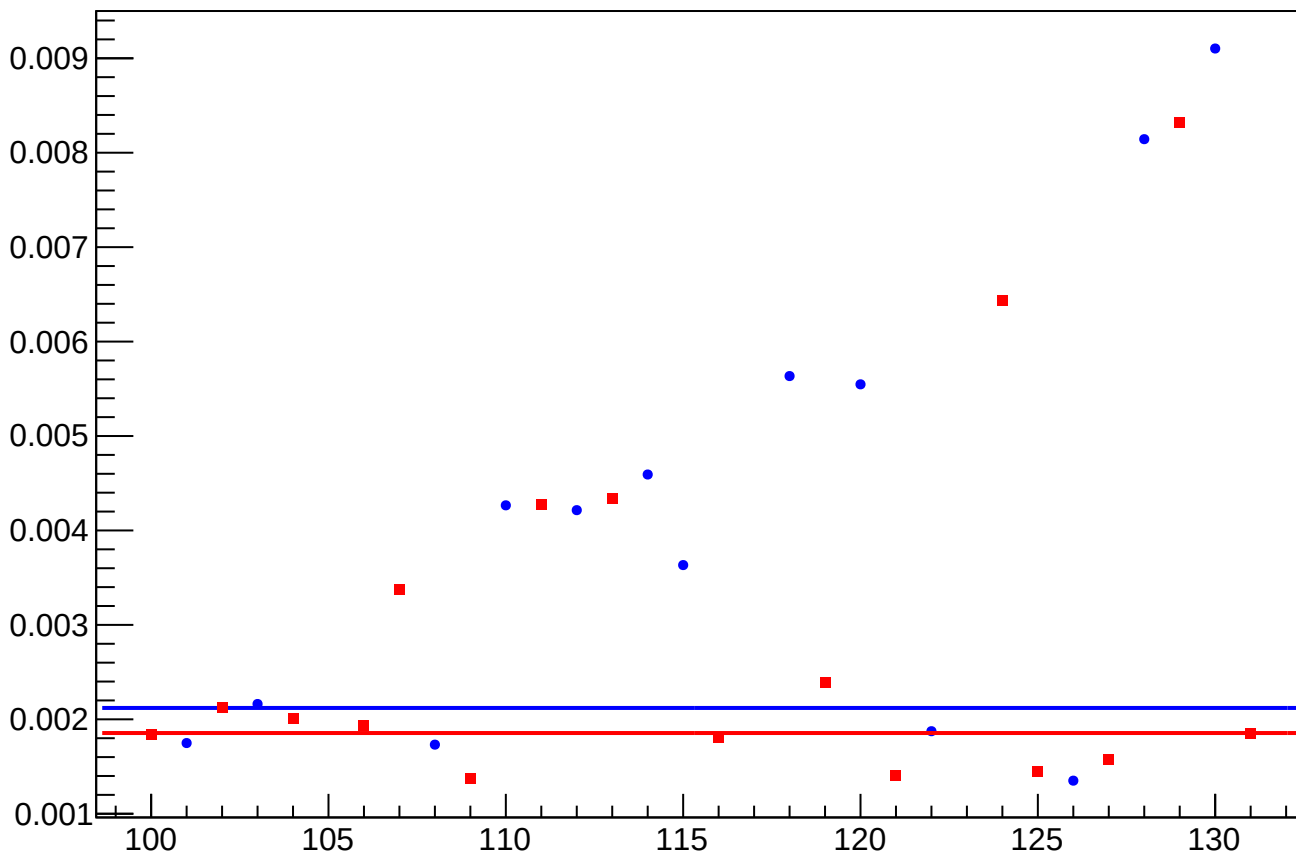
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 29.1/28

- 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 : 2756552.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1680952.3/15

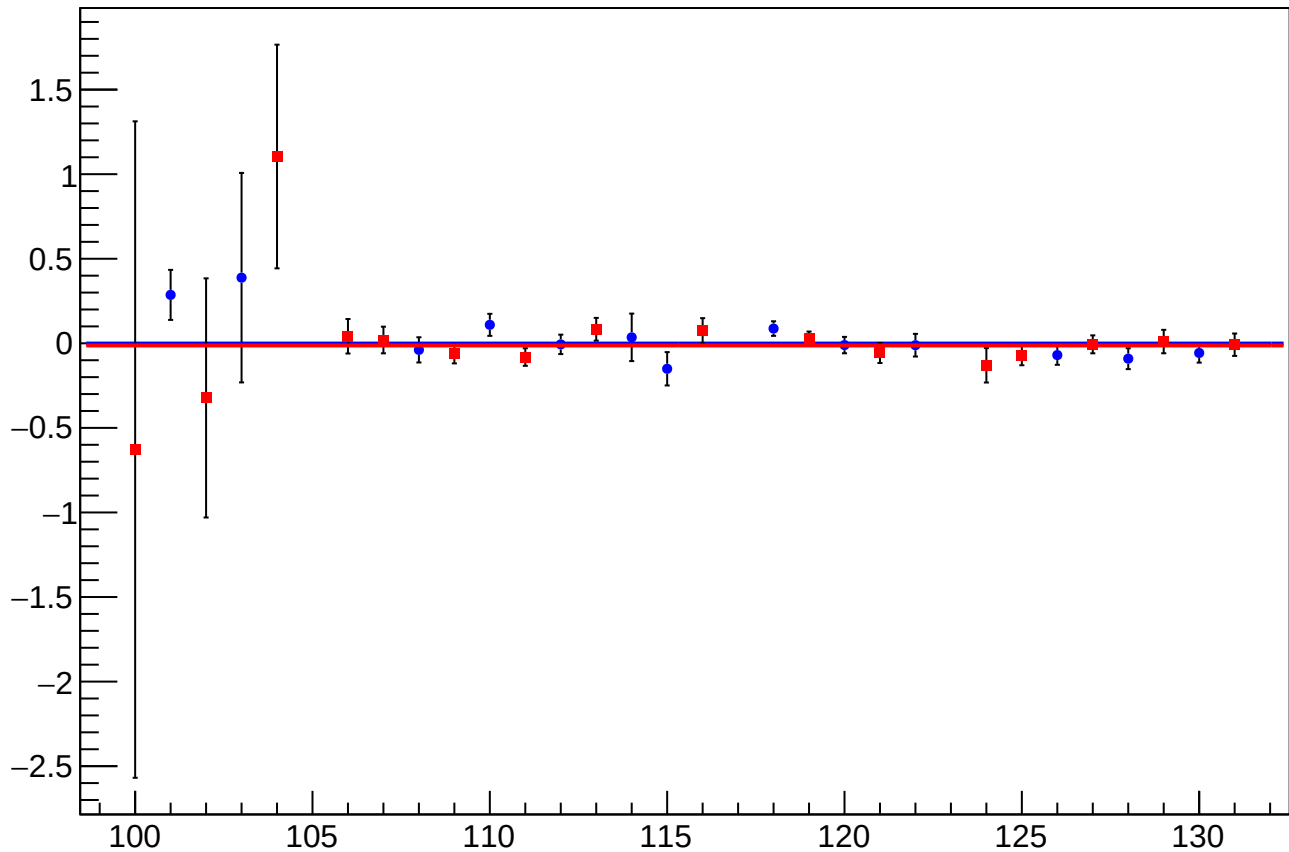
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4513903.4/28

- 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: -0.002 $\pm$ 0.018 χ^2 /NDF: 18.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.013 $\pm$ 0.017 χ^2 /NDF: 13.3/15

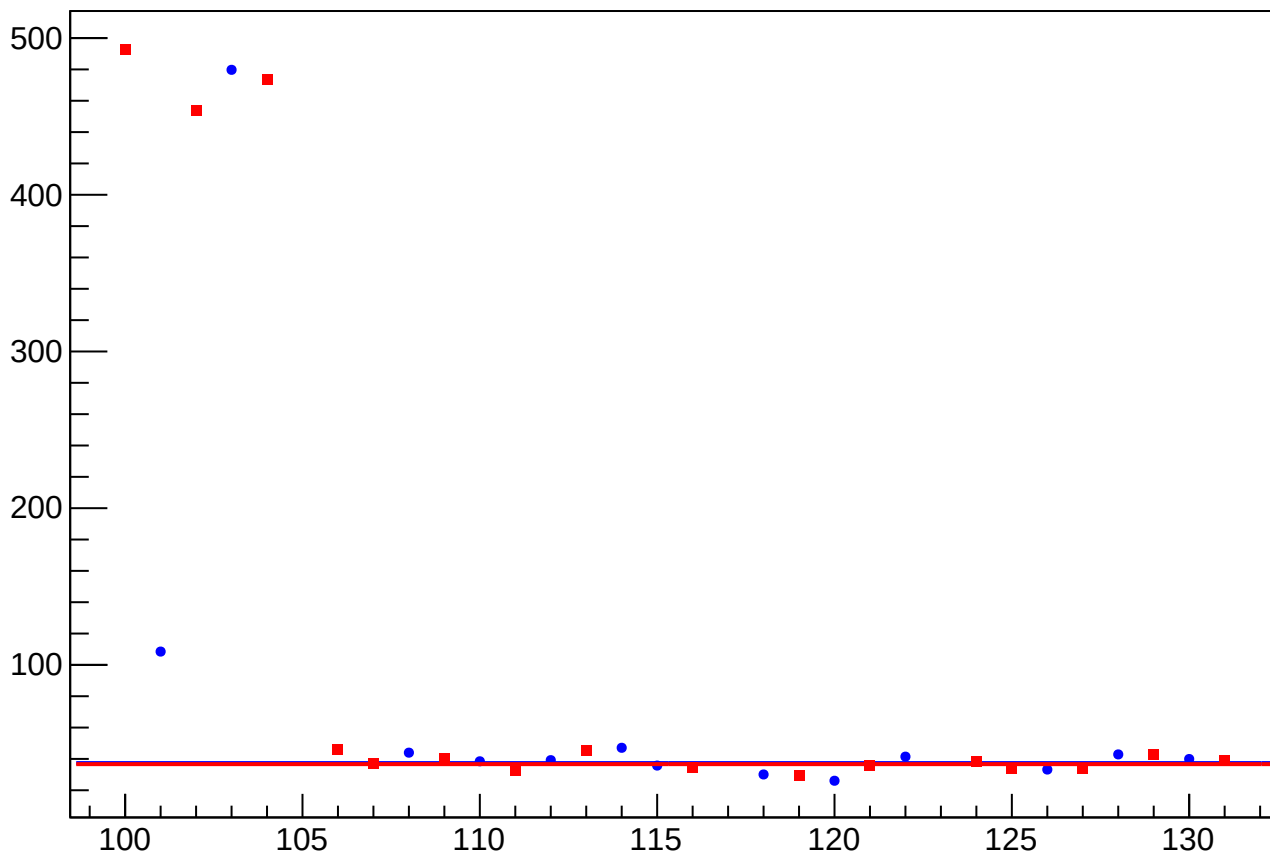
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.007 $\pm$ 0.013 χ^2 /NDF: 31.9/28

- 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: 37.332 $\pm$ 0.013 χ^2 /NDF: 1714813.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.660 $\pm$ 0.012 χ^2 /NDF: 1833672.7/15

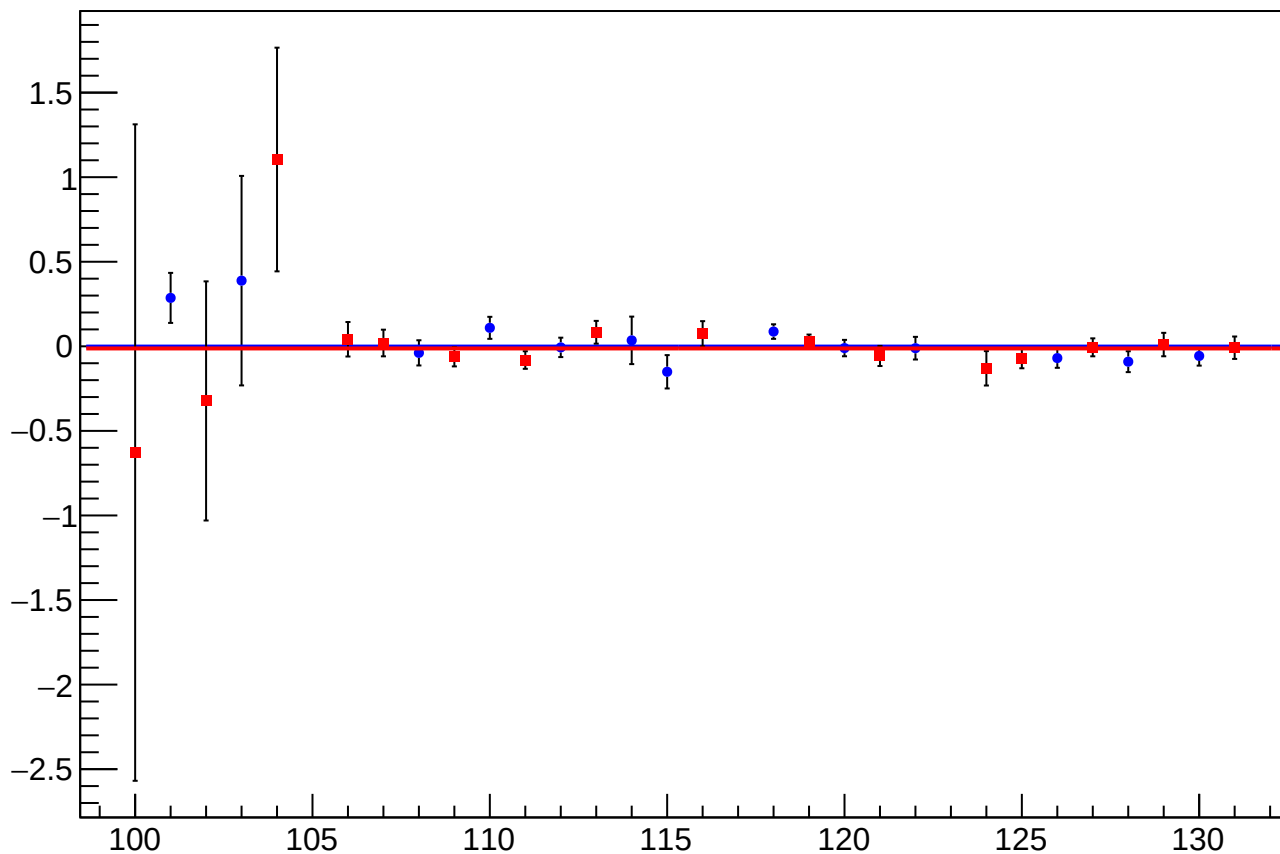
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.975 $\pm$ 0.009 χ^2 /NDF: 3549913.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.002 $\pm$ 0.018 χ^2 /NDF: 18.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.013 $\pm$ 0.017 χ^2 /NDF: 13.3/15

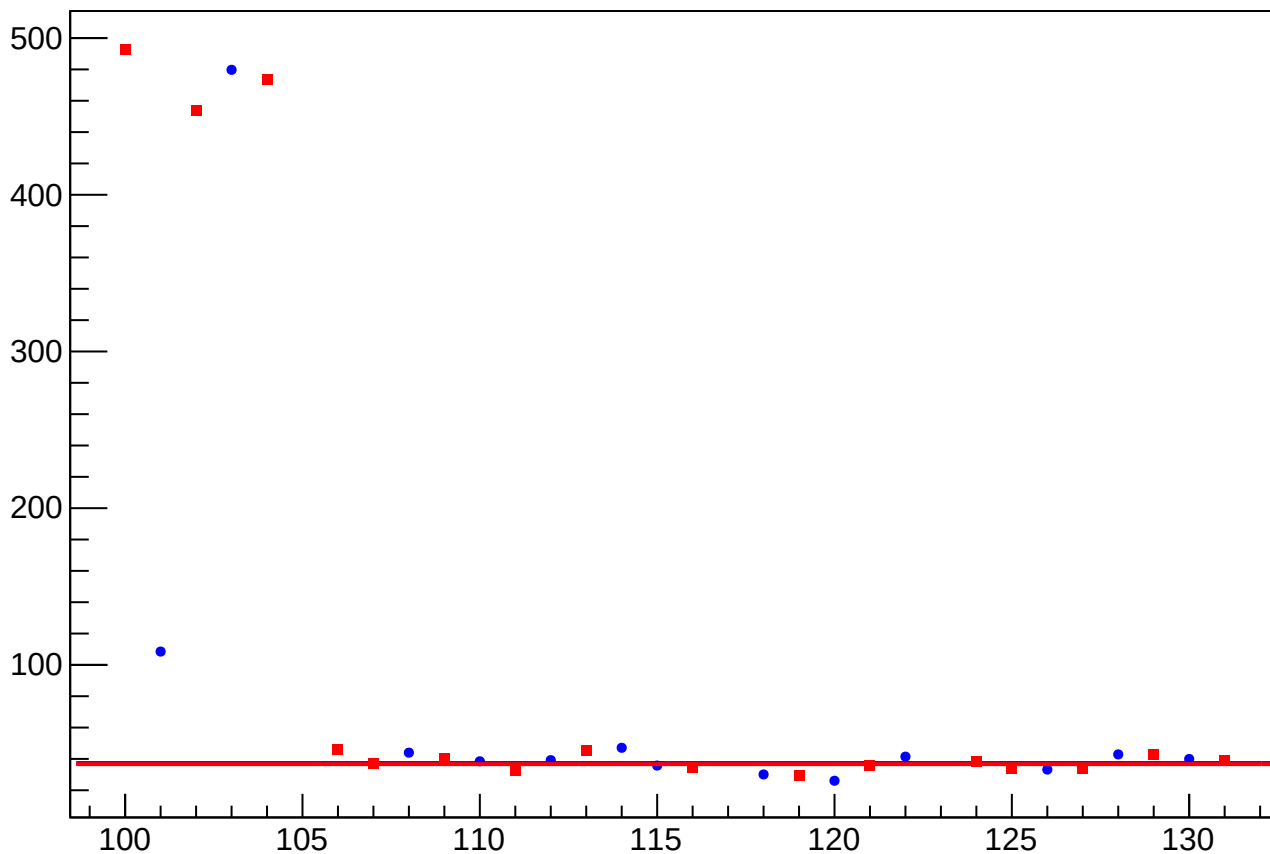
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.007 $\pm$ 0.013 χ^2 /NDF: 31.9/28

- 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: 37.332+/-0.013 χ^2/NDF : 1714813.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

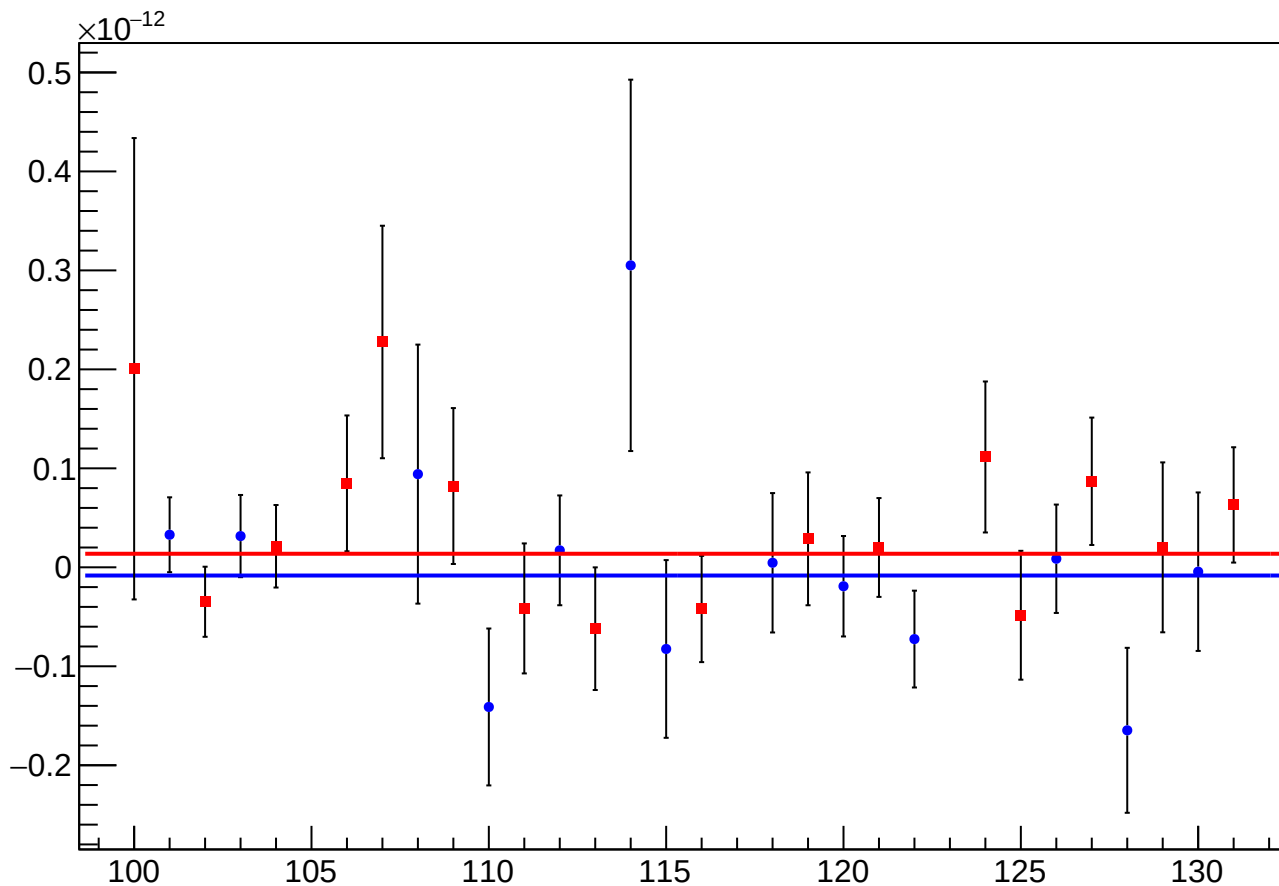
Right Out: 36.660+/-0.012 χ^2/NDF : 1833672.7/15

All: 36.975+/-0.009 χ^2/NDF : 3549913.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 14.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.6/15

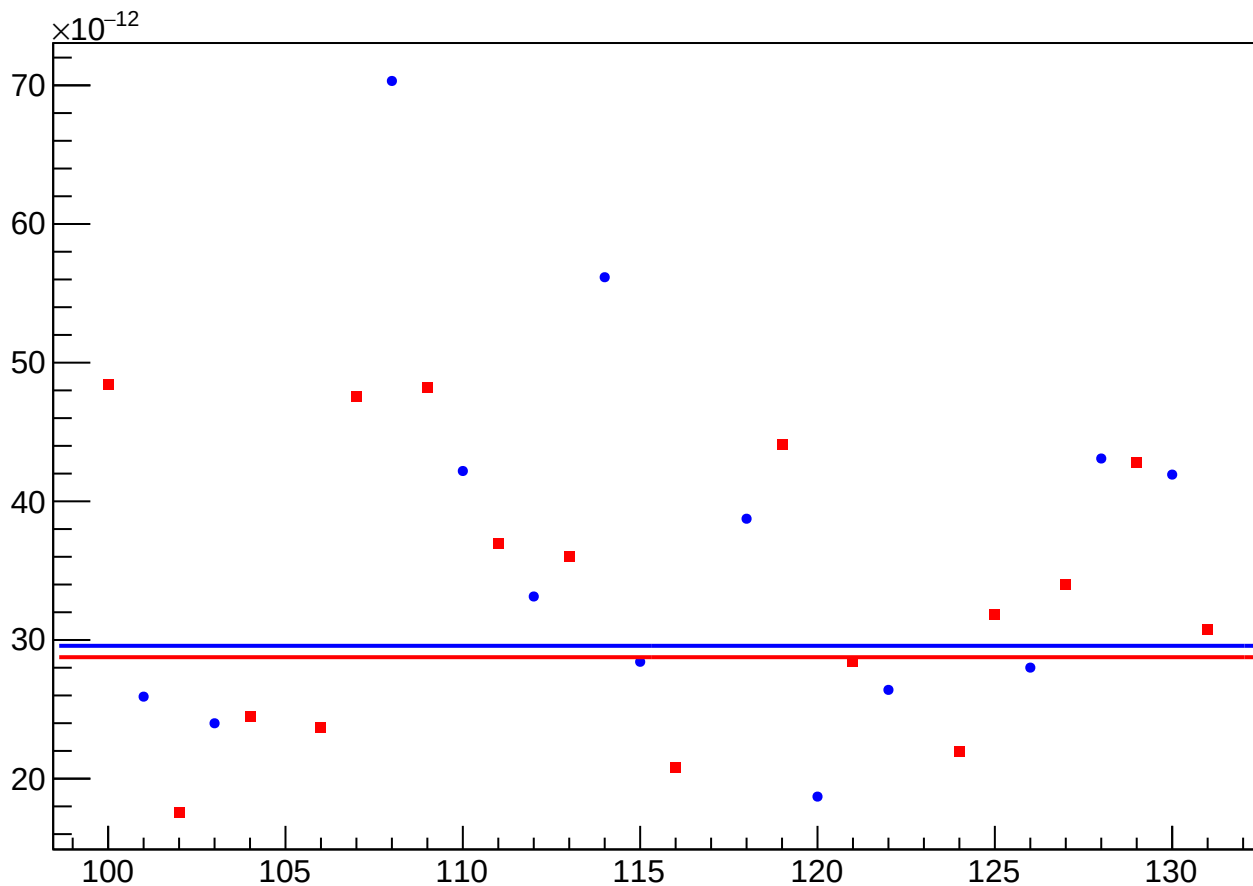
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.2/28

- 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 : 583992.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 716745.3/15

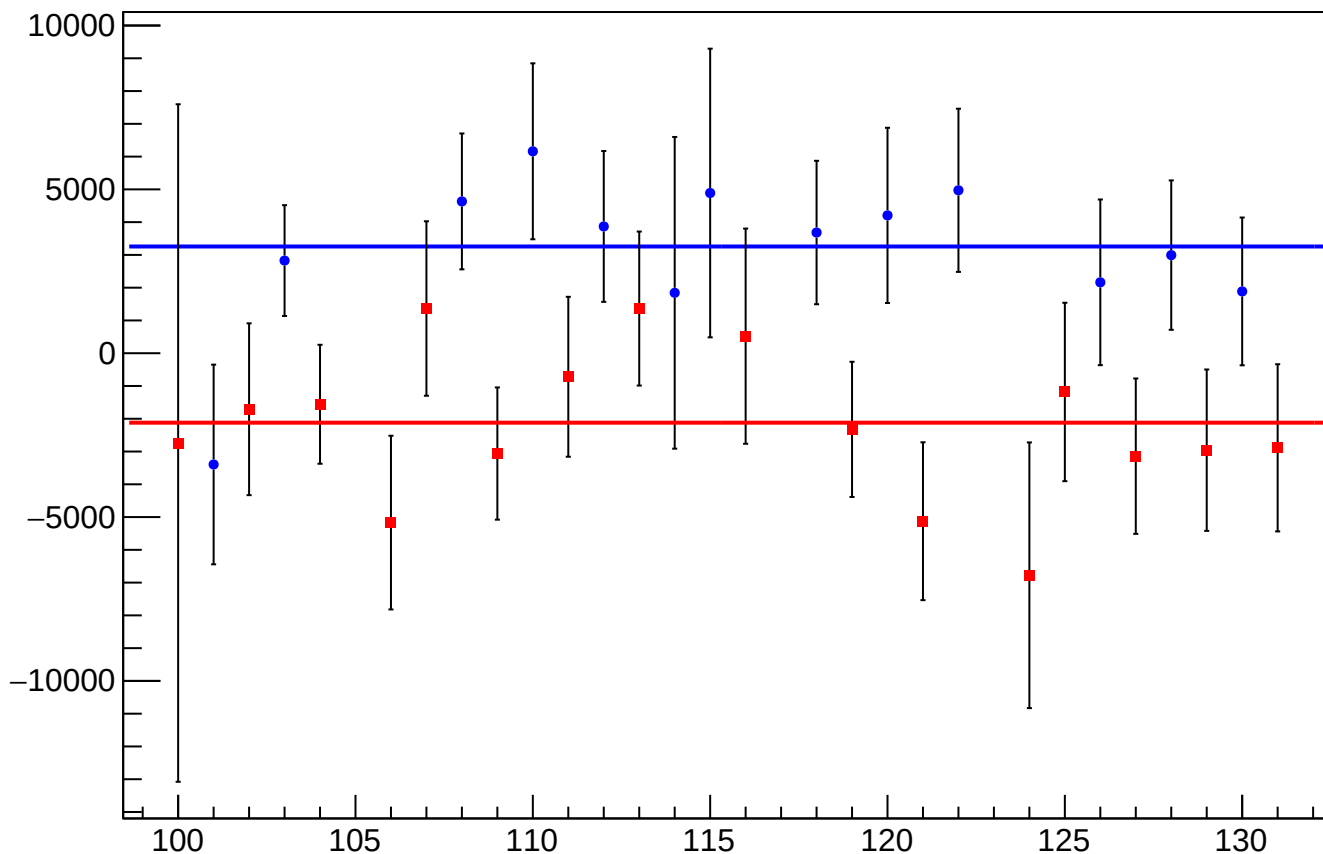
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1303403.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_avg_mean vs Slug



Right In: 3257.071+/-678.968 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2119.726+/-628.821 χ^2/NDF : 9.9/15

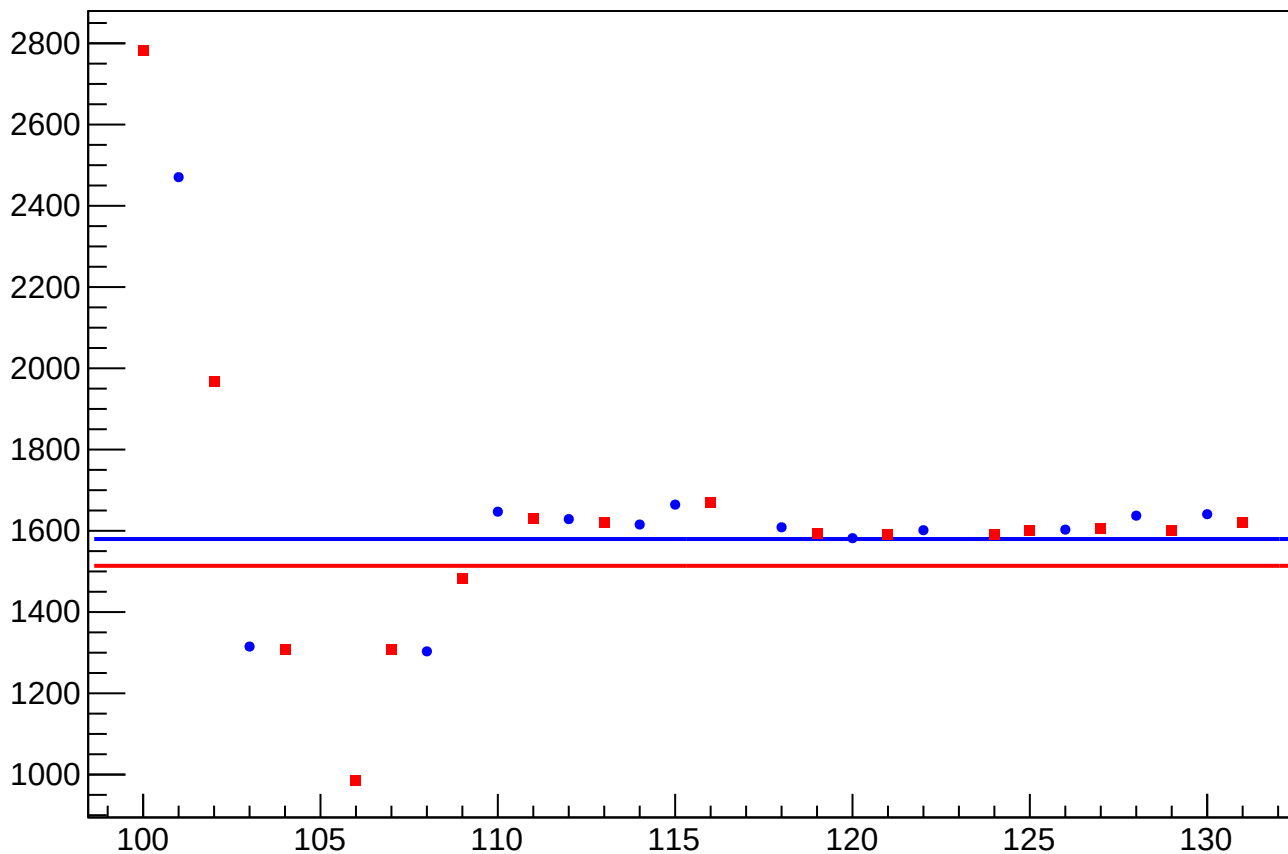
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.804+/-461.355 χ^2/NDF : 51.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_avg_rms vs Slug



Right In: 1579.819+/-0.480 χ^2/NDF : 261986.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

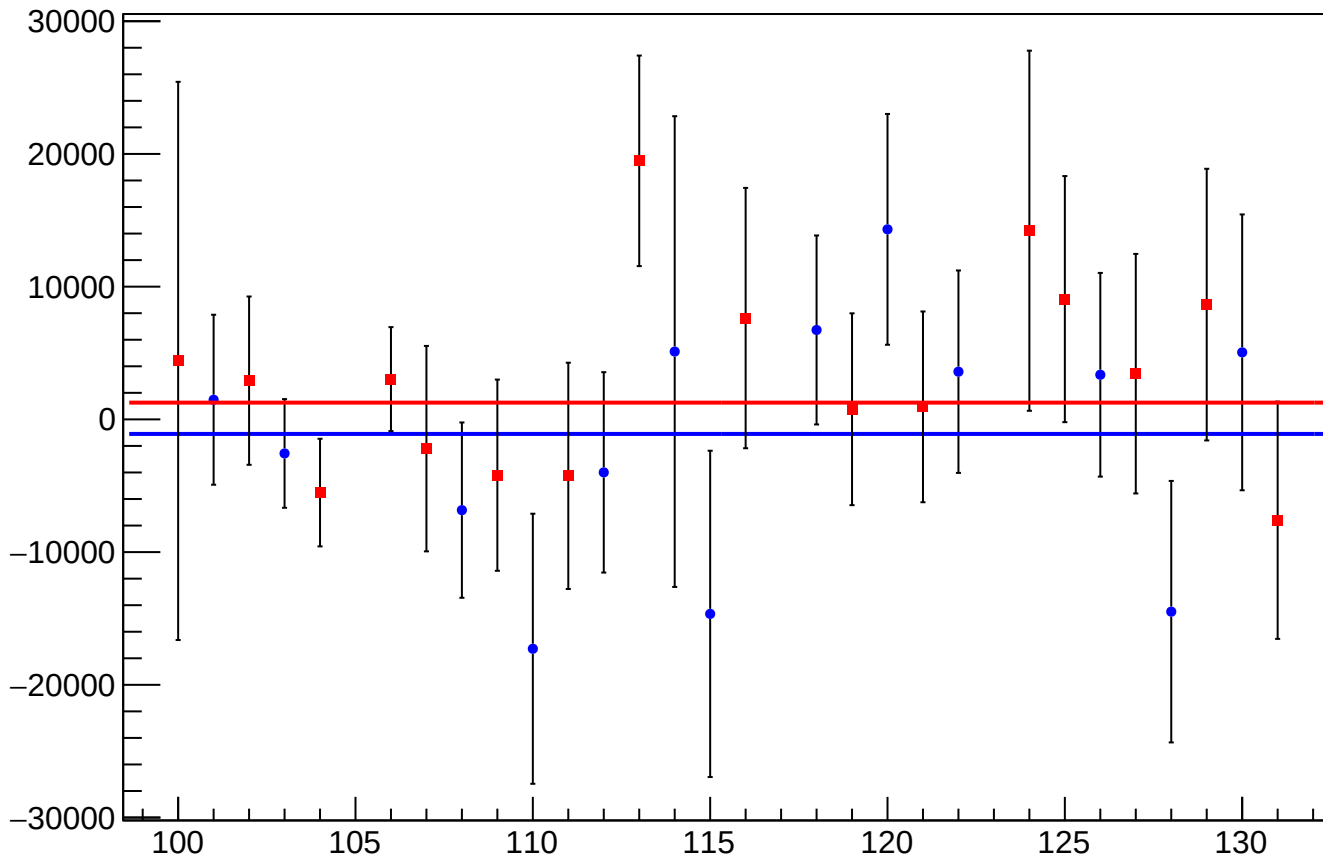
Right Out: 1513.804+/-0.436 χ^2/NDF : 292521.9/15

All: 1543.654+/-0.323 χ^2/NDF : 564866.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_reg_correction_mean vs Slug



Right In: -1096.397+/-2081.997 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1262.318+/-1770.246 χ^2/NDF : 13.2/15

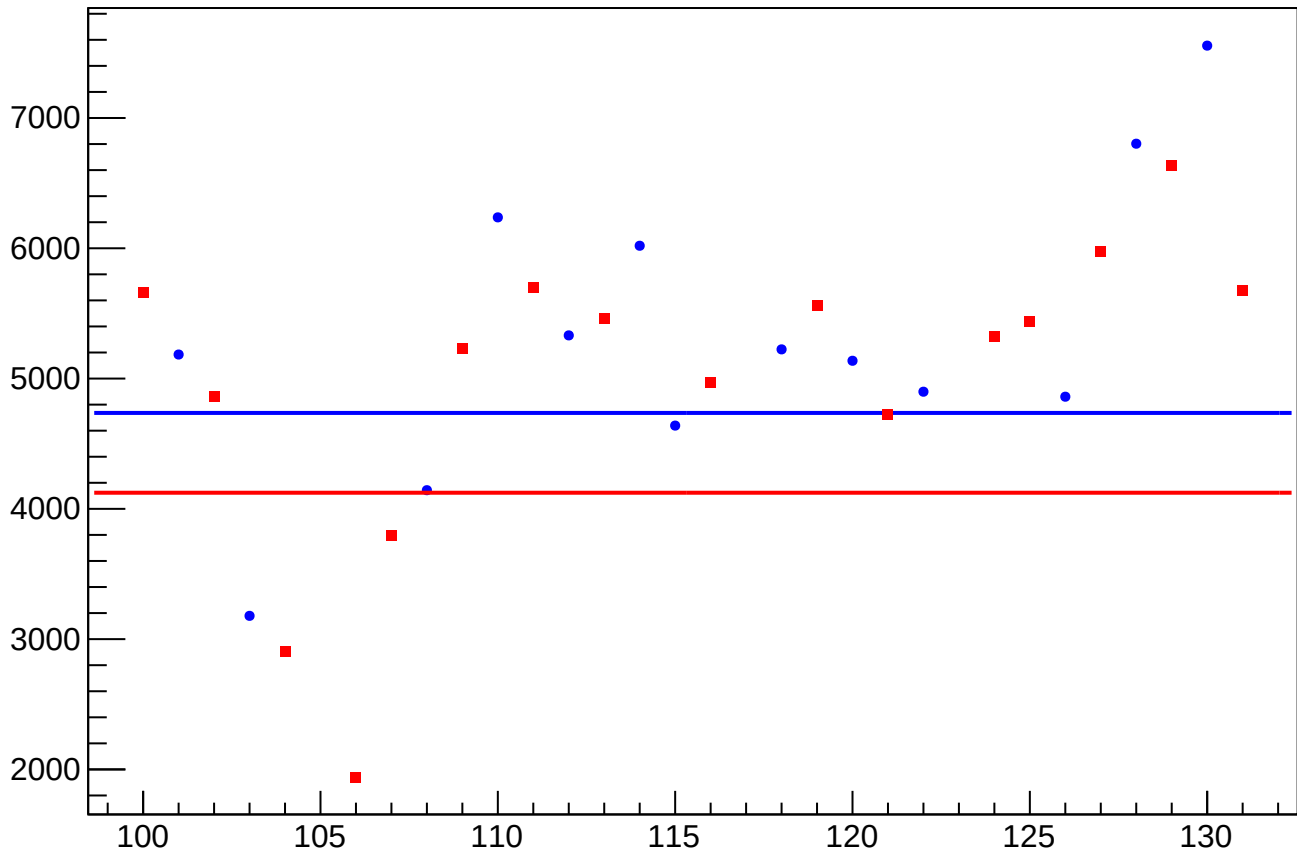
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 272.602+/-1348.645 χ^2/NDF : 26.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_reg_correction_rms vs Slug



Right In: 4736.270+/-1.472 χ^2/NDF : 632309.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

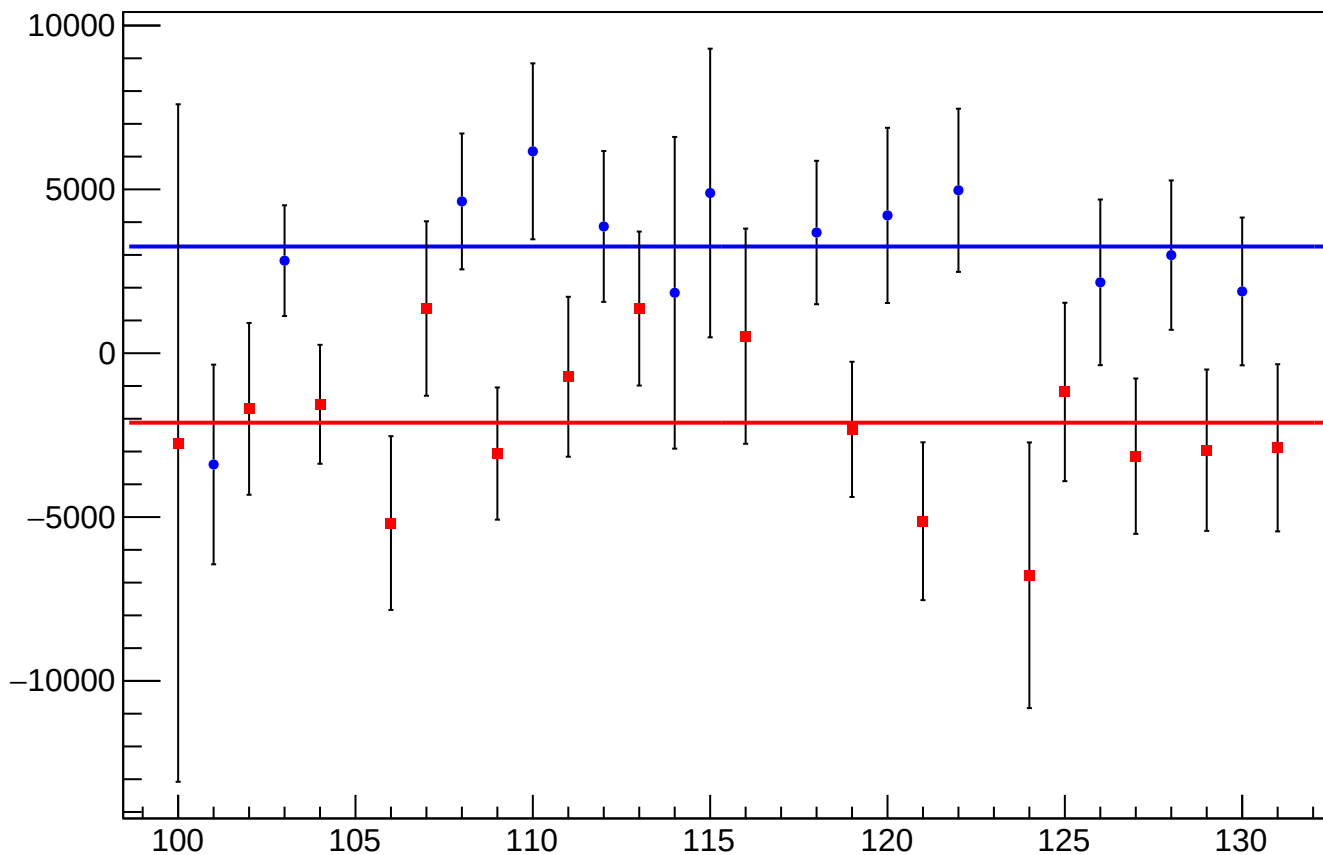
Right Out: 4123.755+/-1.252 χ^2/NDF : 1445287.6/15

All: 4380.766+/-0.954 χ^2/NDF : 2178066.0/28

- 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: 3256.635+/-678.968 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2119.807+/-628.825 χ^2/NDF : 10.0/15

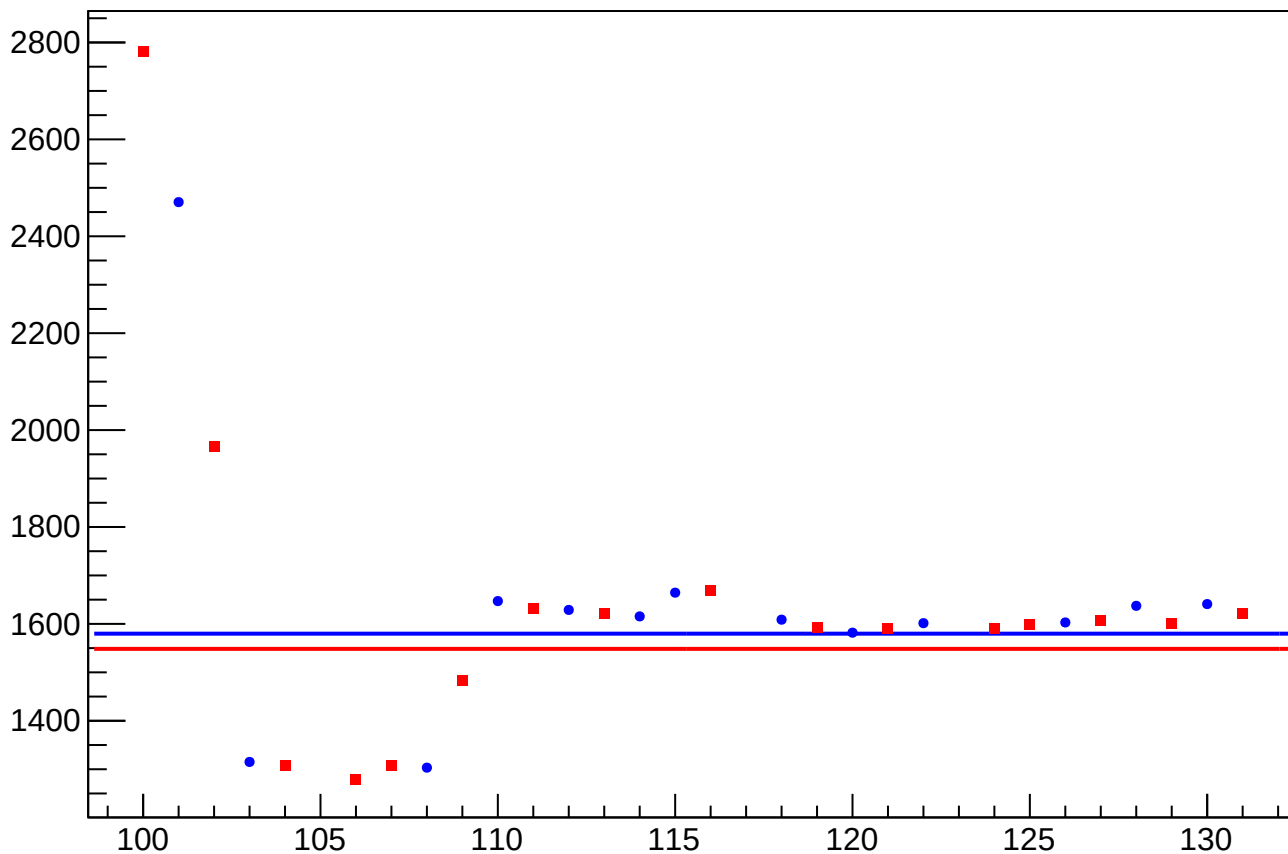
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.574+/-461.356 χ^2/NDF : 51.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr2_avg_rms vs Slug



Right In: 1579.819 $\pm$ 0.480 χ^2 /NDF: 261986.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1548.443 $\pm$ 0.443 χ^2 /NDF: 170355.3/15

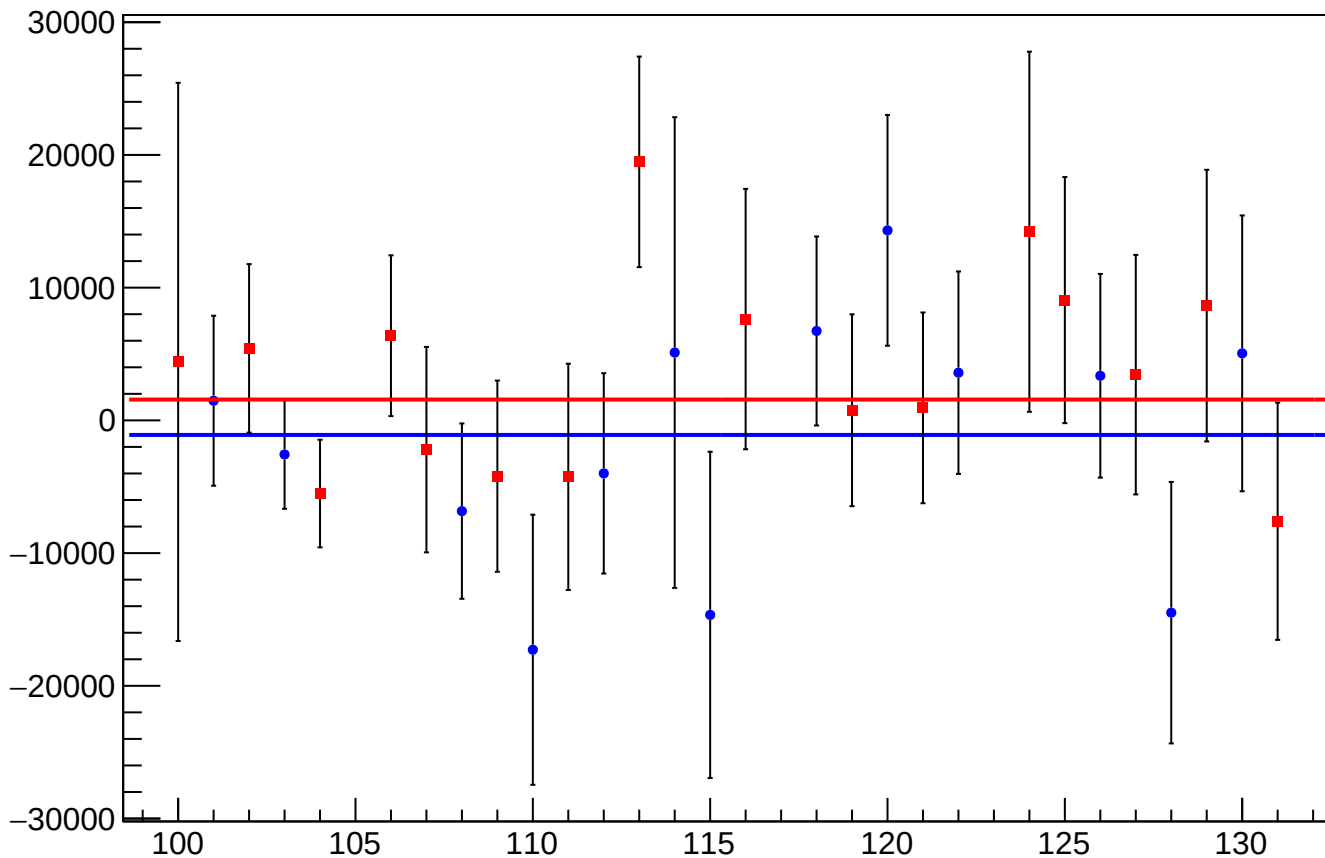
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1562.859 $\pm$ 0.325 χ^2 /NDF: 434649.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_cor_correction_mean vs Slug



Right In: -1096.694+/-2082.052 χ^2 /NDF: 12.3/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1568.592+/-1886.140 χ^2 /NDF: 14.0/15

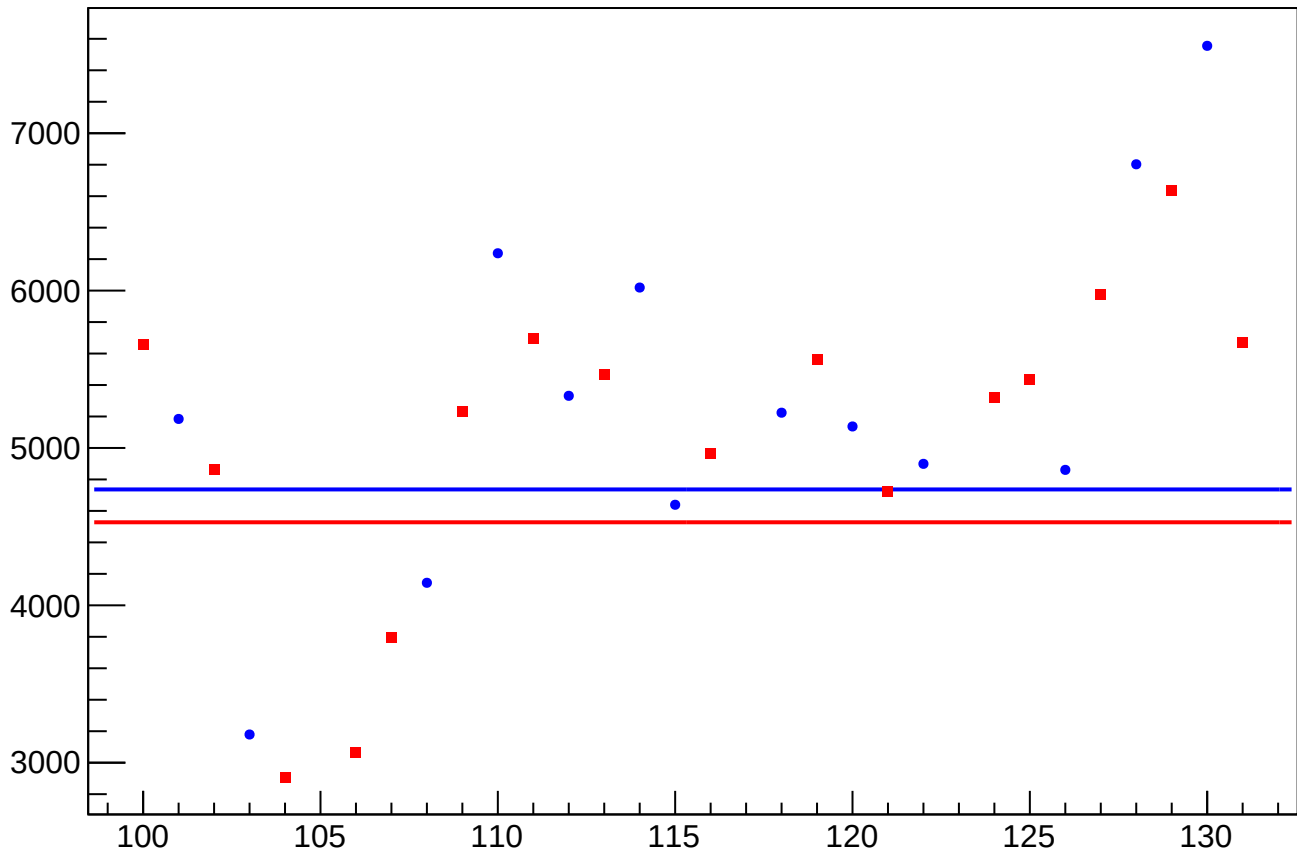
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 367.215+/-1397.845 χ^2 /NDF: 27.2/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_cor_correction_rms vs Slug



Right In: 4736.441+/-1.472 χ^2/NDF : 632123.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

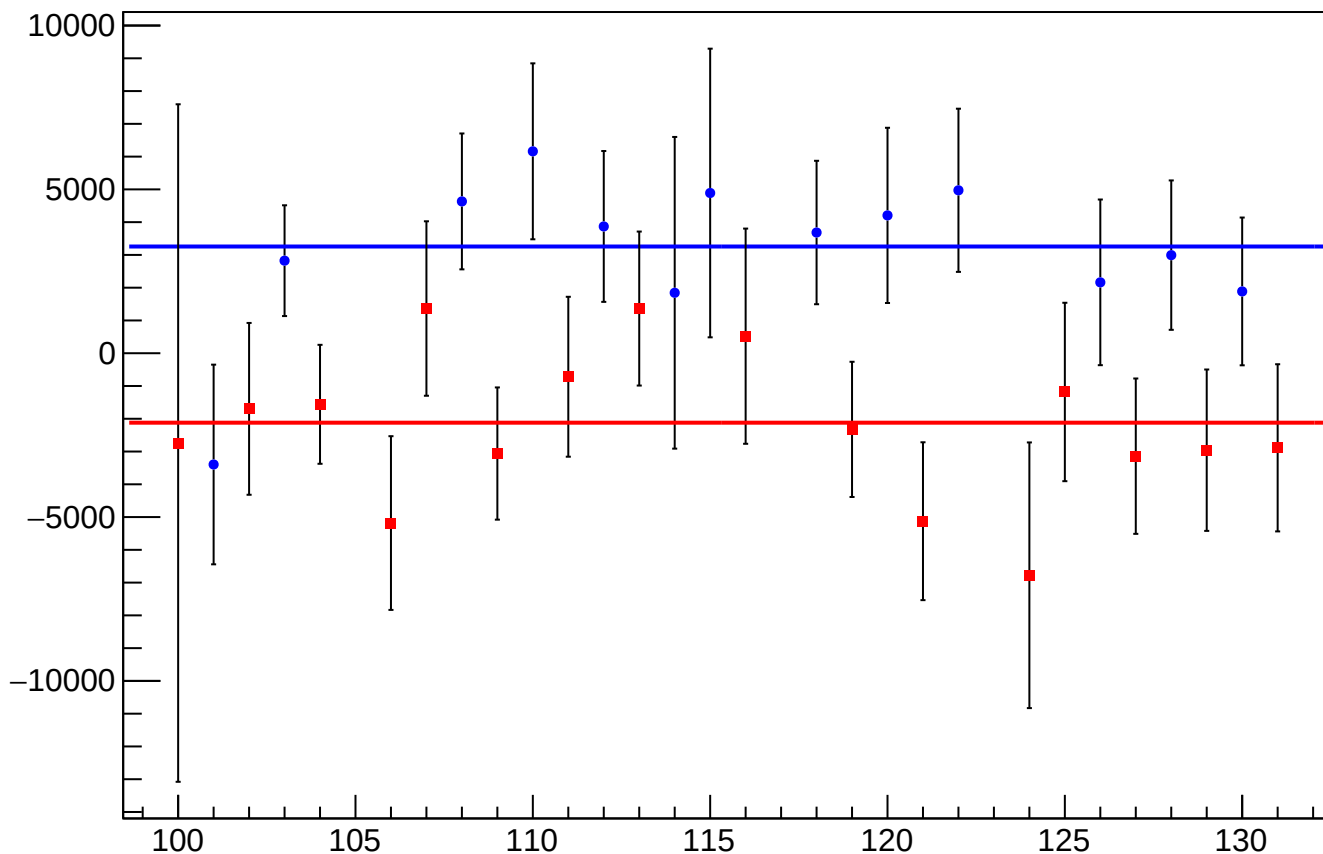
Right Out: 4527.715+/-1.334 χ^2/NDF : 791841.6/15

All: 4621.798+/-0.988 χ^2/NDF : 1435005.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr2_avg_mean vs Slug



Right In: 3256.635 $\pm$ 678.968 χ^2 /NDF: 7.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2119.807 $\pm$ 628.825 χ^2 /NDF: 10.0/15

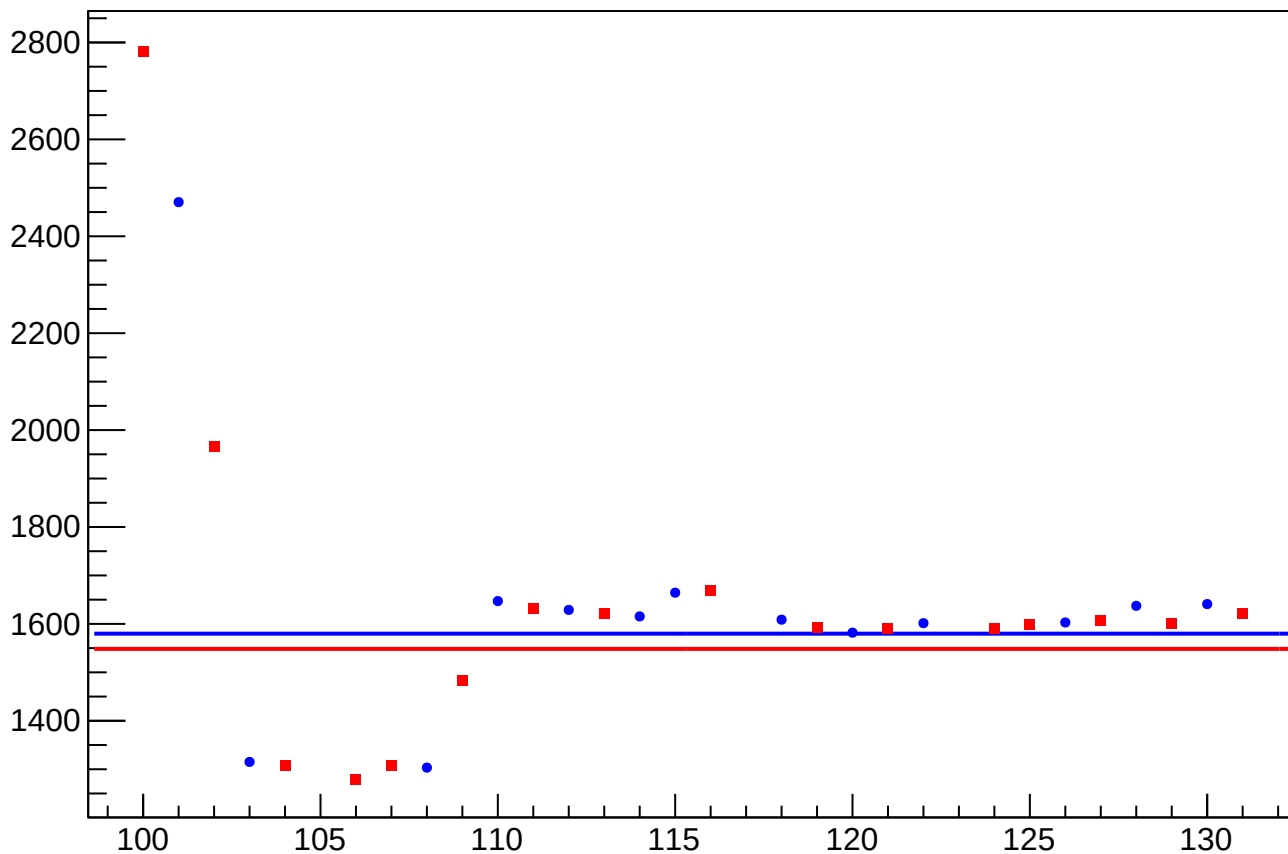
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 362.574 $\pm$ 461.356 χ^2 /NDF: 51.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usr_atr2_avg_rms vs Slug



Right In: 1579.819+/-0.480 χ^2/NDF : 261986.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1548.443+/-0.443 χ^2/NDF : 170355.3/15

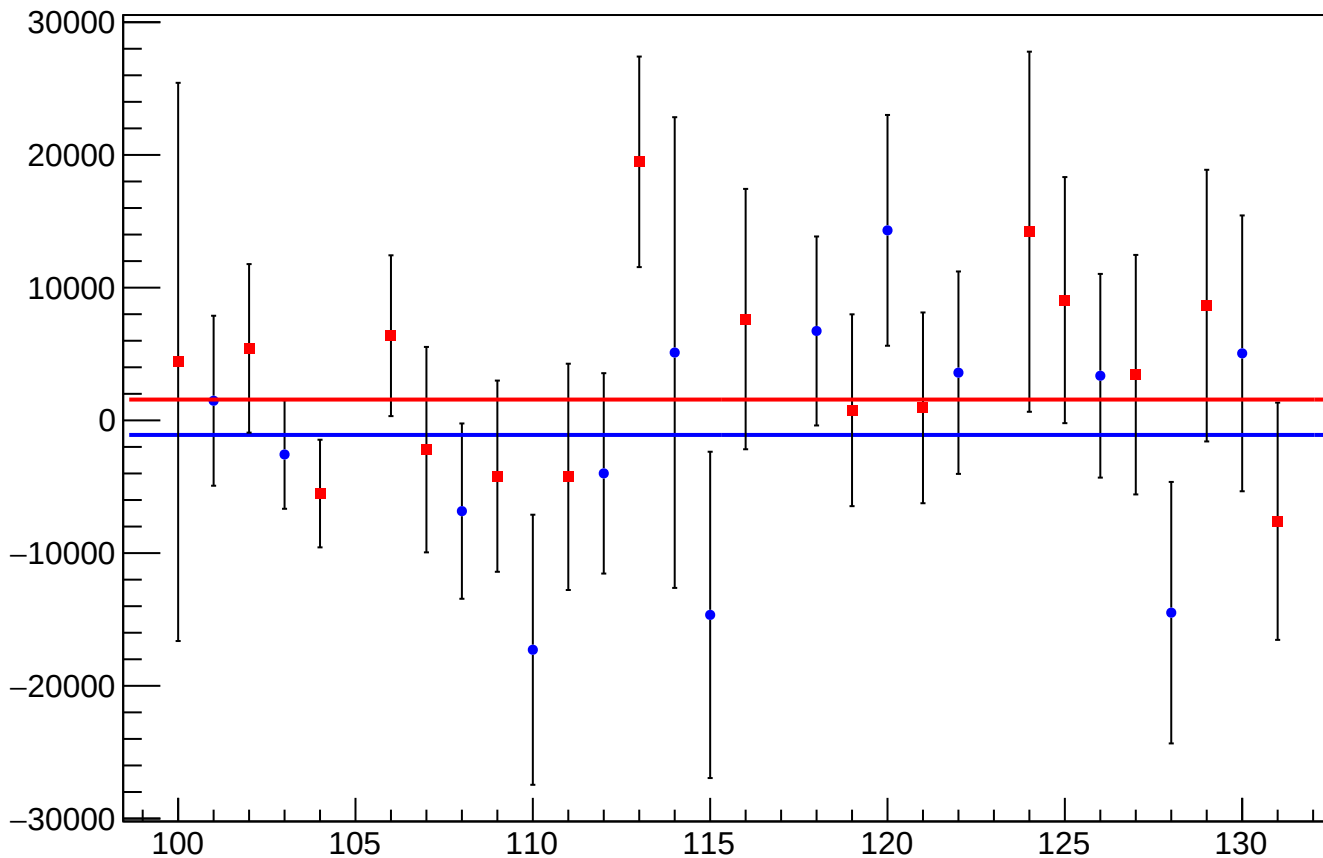
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1562.859+/-0.325 χ^2/NDF : 434649.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_cor_correction_mean vs Slug



Right In: -1096.694 $\pm$ 2082.052 χ^2 /NDF: 12.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1568.592 $\pm$ 1886.140 χ^2 /NDF: 14.0/15

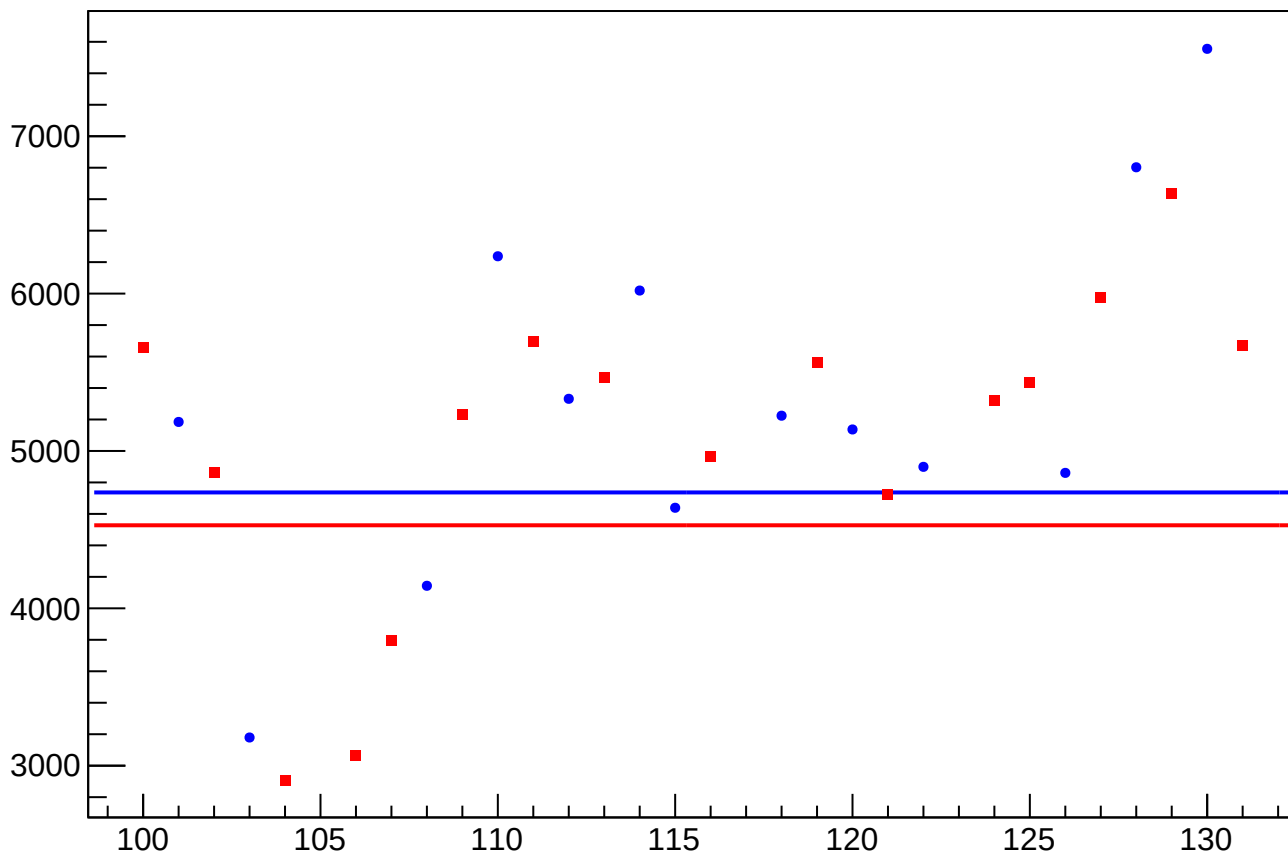
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 367.215 $\pm$ 1397.845 χ^2 /NDF: 27.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_cor_correction_rms vs Slug



Right In: 4736.441+/-1.472 χ^2/NDF : 632123.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

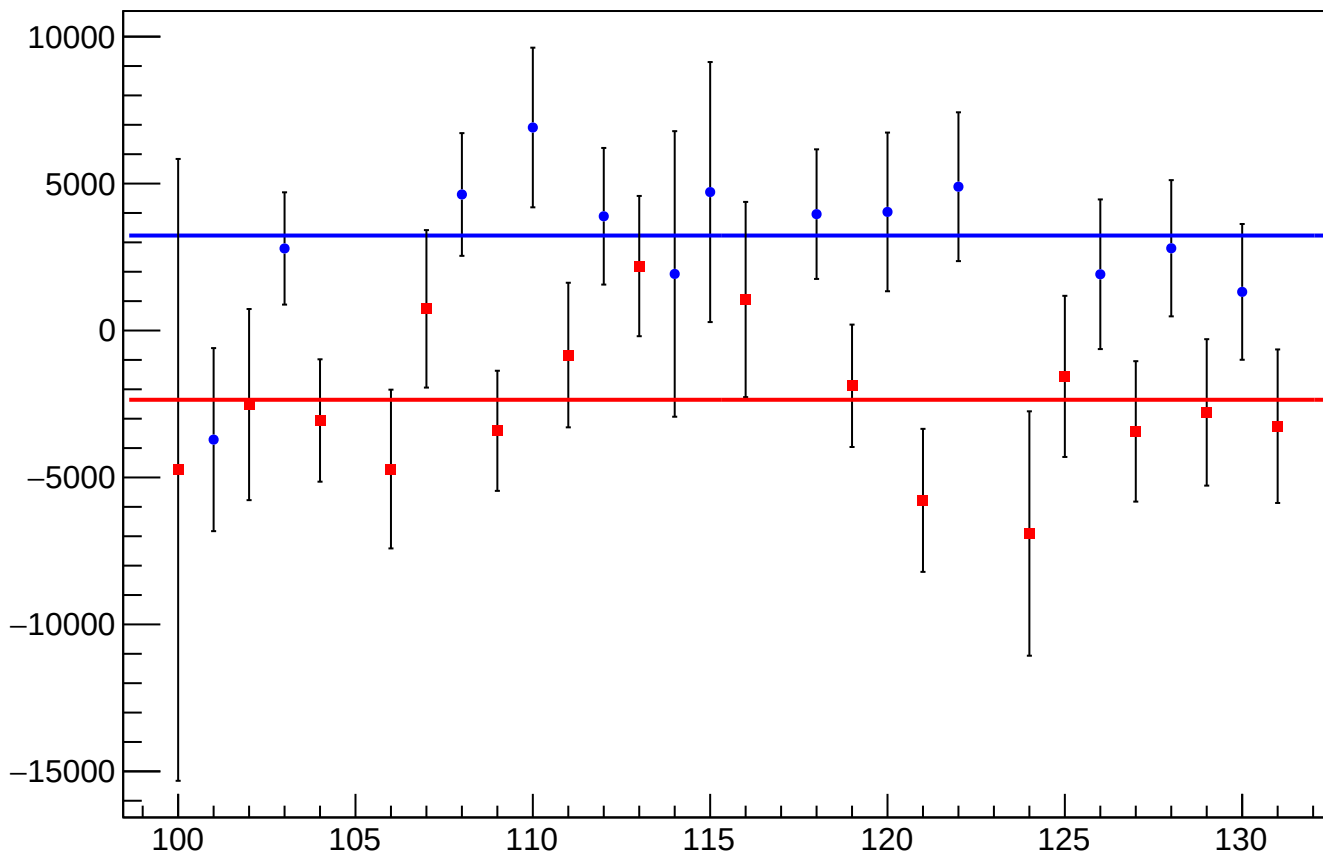
Right Out: 4527.715+/-1.334 χ^2/NDF : 791841.6/15

All: 4621.798+/-0.988 χ^2/NDF : 1435005.6/28

- 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: 3232.176+/-698.907 χ^2/NDF : 9.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2356.405+/-651.684 χ^2/NDF : 11.3/15

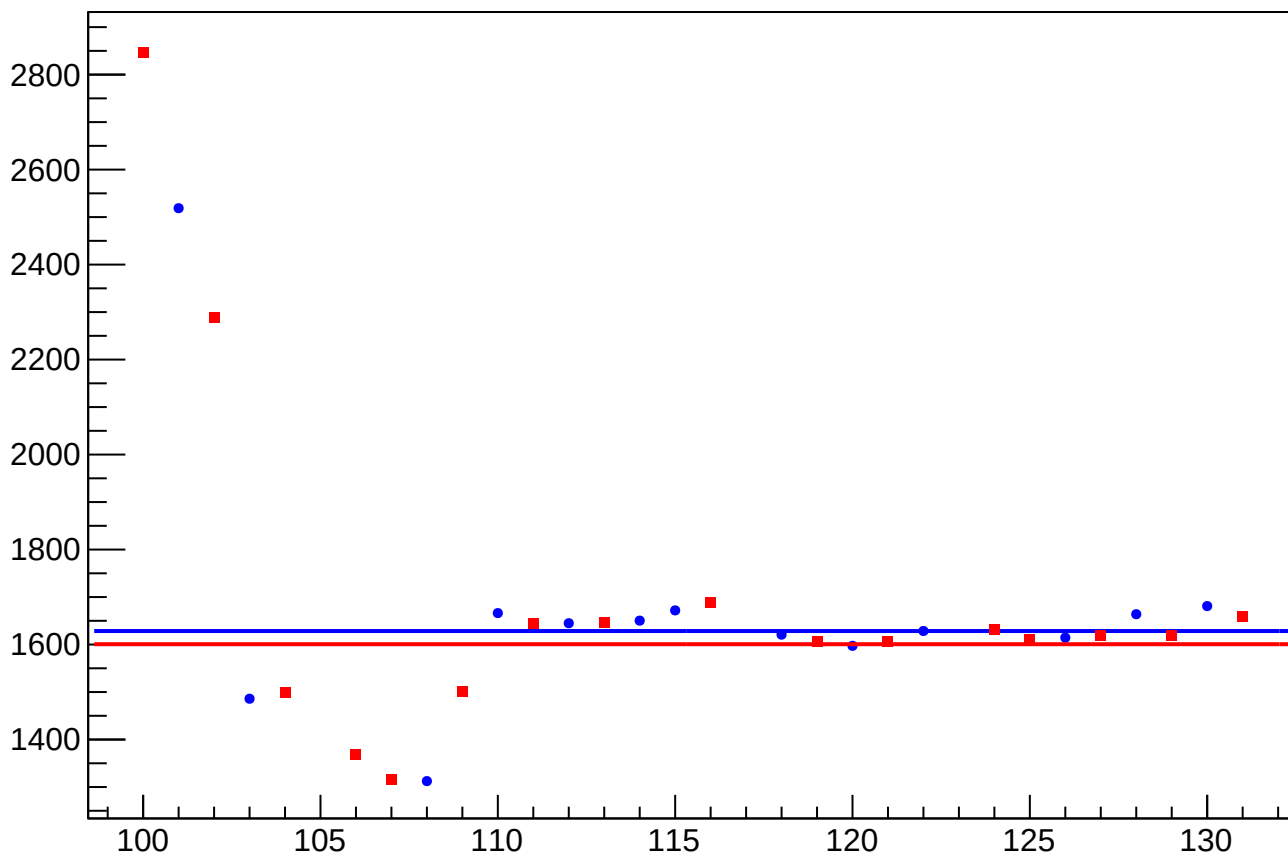
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 242.720+/-476.631 χ^2/NDF : 54.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr2_avg_rms vs Slug



Right In: 1628.486 $\pm$ 0.494 χ^2 /NDF: 222941.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1600.715 $\pm$ 0.460 χ^2 /NDF: 168718.3/15

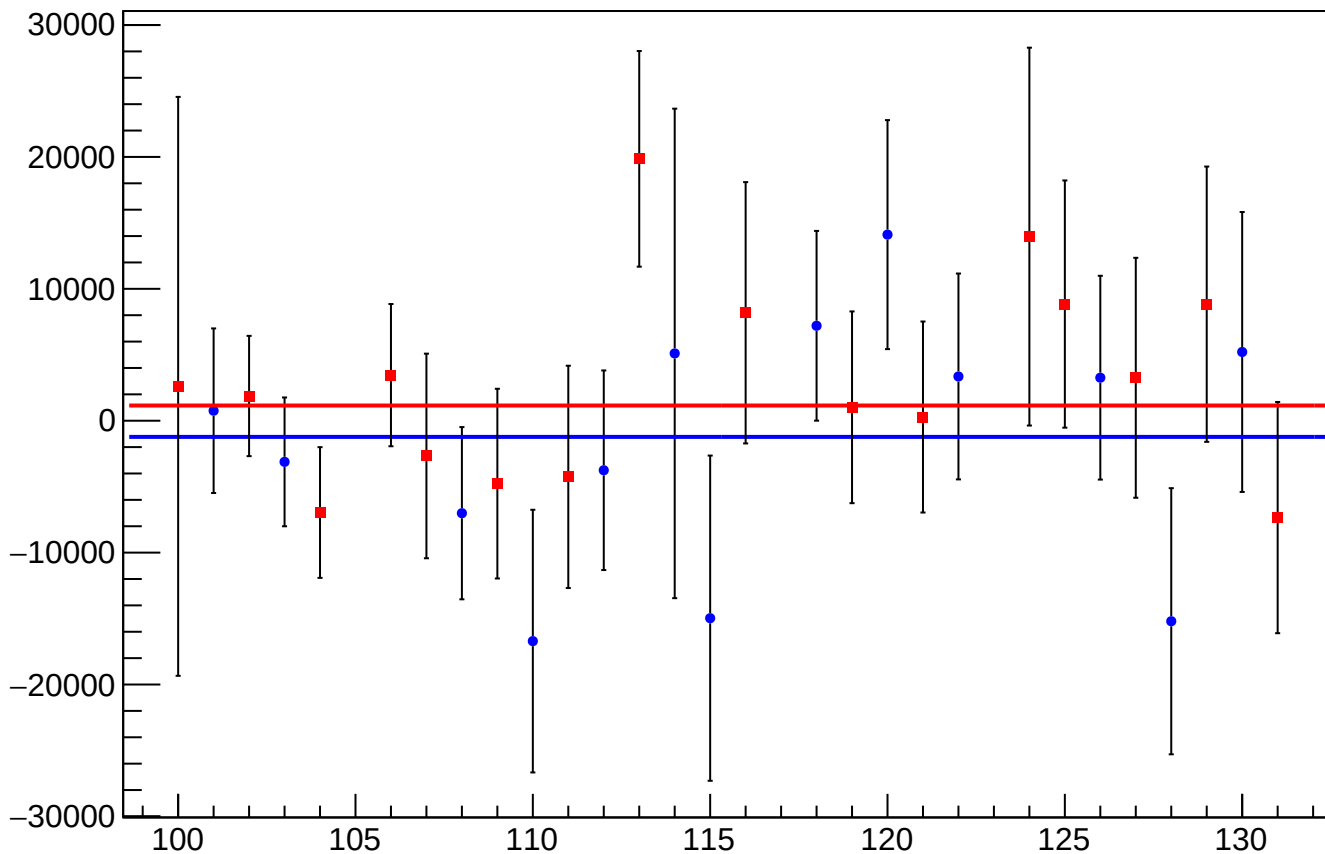
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1613.617 $\pm$ 0.337 χ^2 /NDF: 393350.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_dit_correction_mean vs Slug



Right In: -1225.525+/-2168.789 χ^2 /NDF: 12.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1153.034+/-1860.072 χ^2 /NDF: 13.0/15

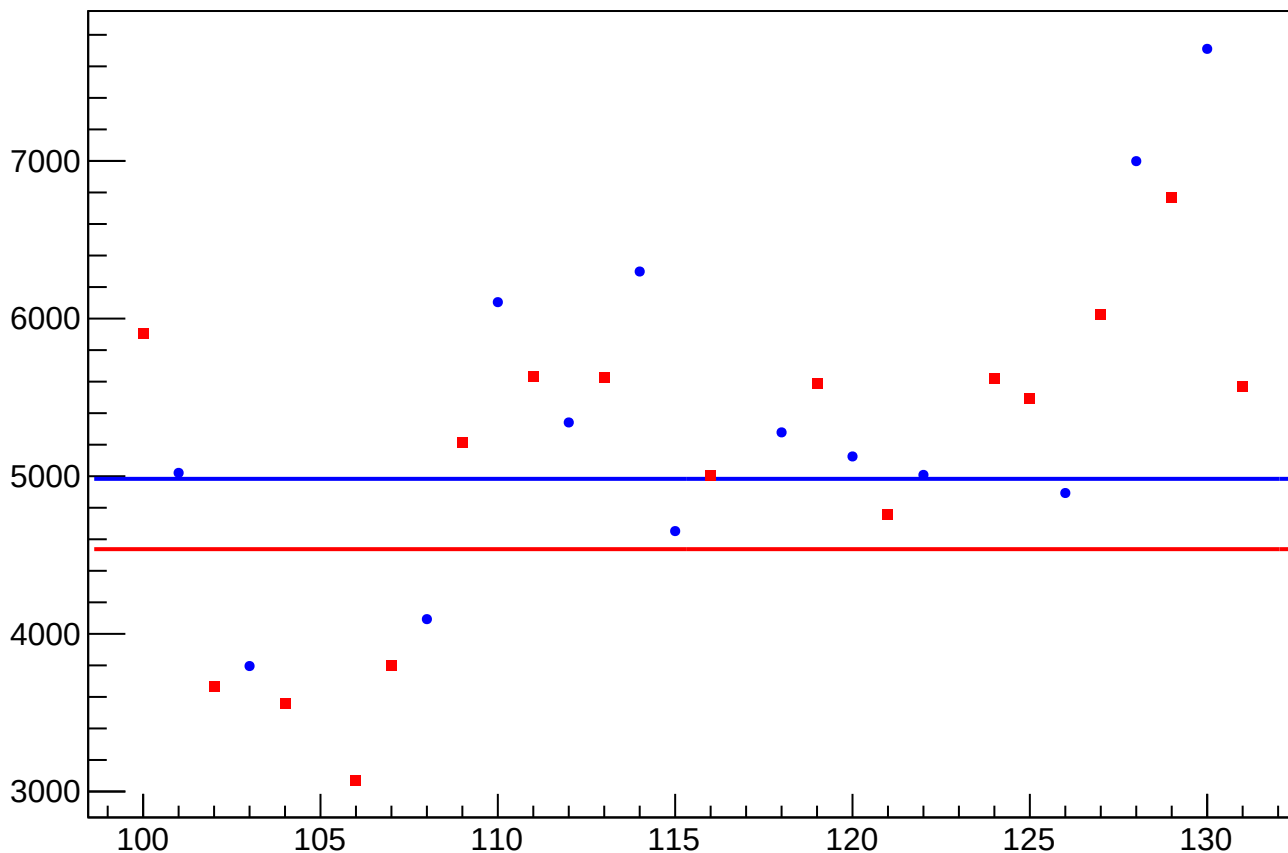
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 144.951+/-1411.915 χ^2 /NDF: 26.1/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_dit_correction_rms vs Slug



Right In: 4983.352+/-1.534 χ^2/NDF : 412964.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

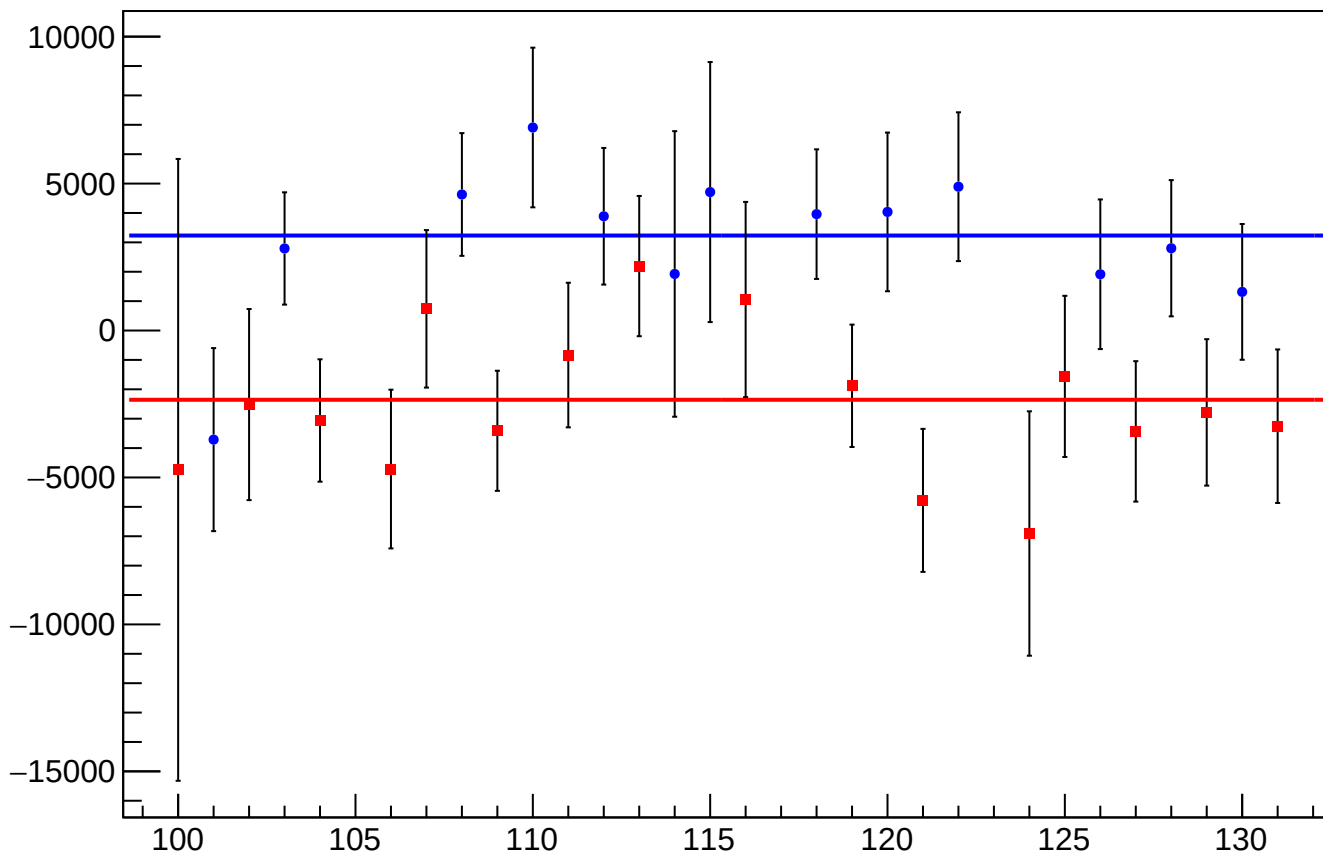
Right Out: 4537.369+/-1.315 χ^2/NDF : 665390.2/15

All: 4726.386+/-0.998 χ^2/NDF : 1127083.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr2_avg_mean vs Slug



Right In: 3232.177+/-698.907 χ^2/NDF : 9.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2356.412+/-651.684 χ^2/NDF : 11.3/15

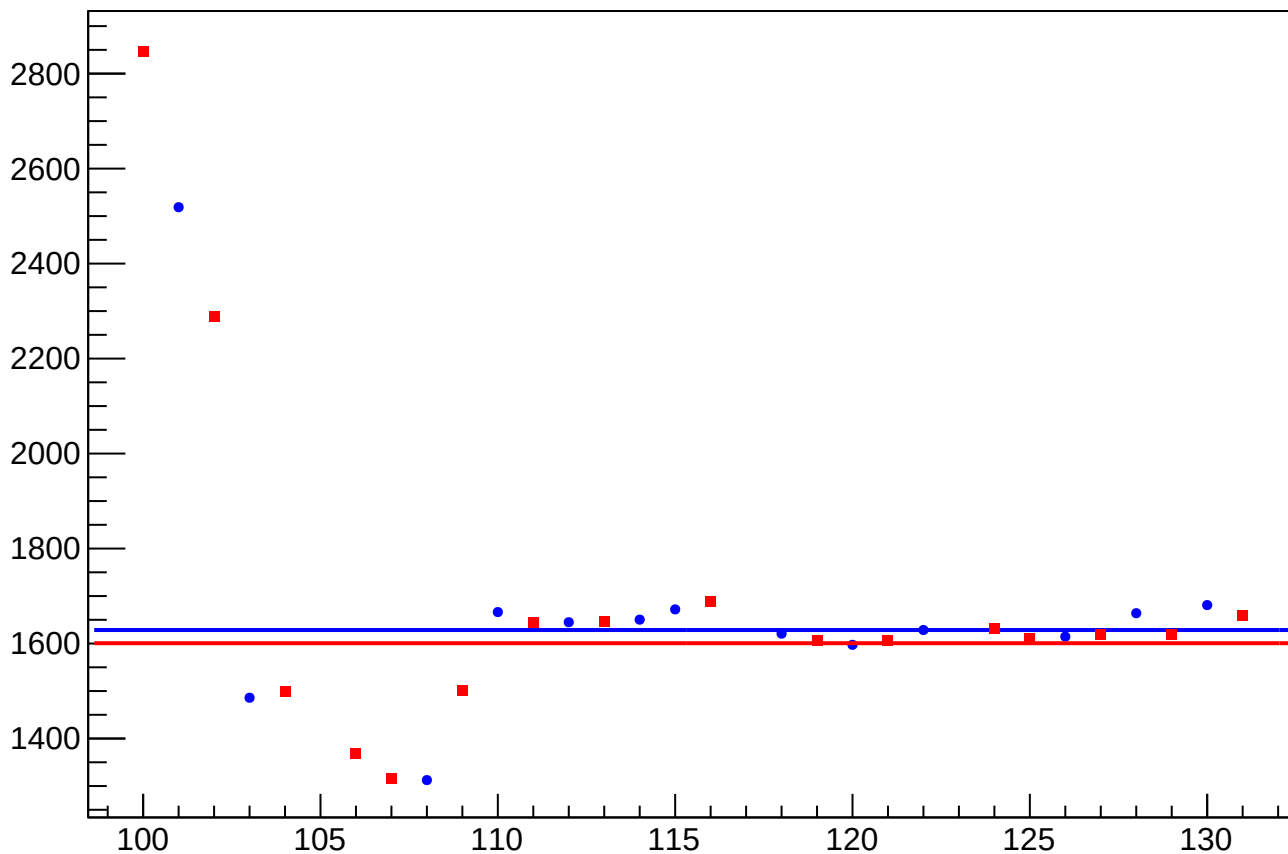
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 242.718+/-476.631 χ^2/NDF : 54.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr2_avg_rms vs Slug



Right In: 1628.485 $\pm$ 0.494 χ^2 /NDF: 222941.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1600.715 $\pm$ 0.460 χ^2 /NDF: 168718.0/15

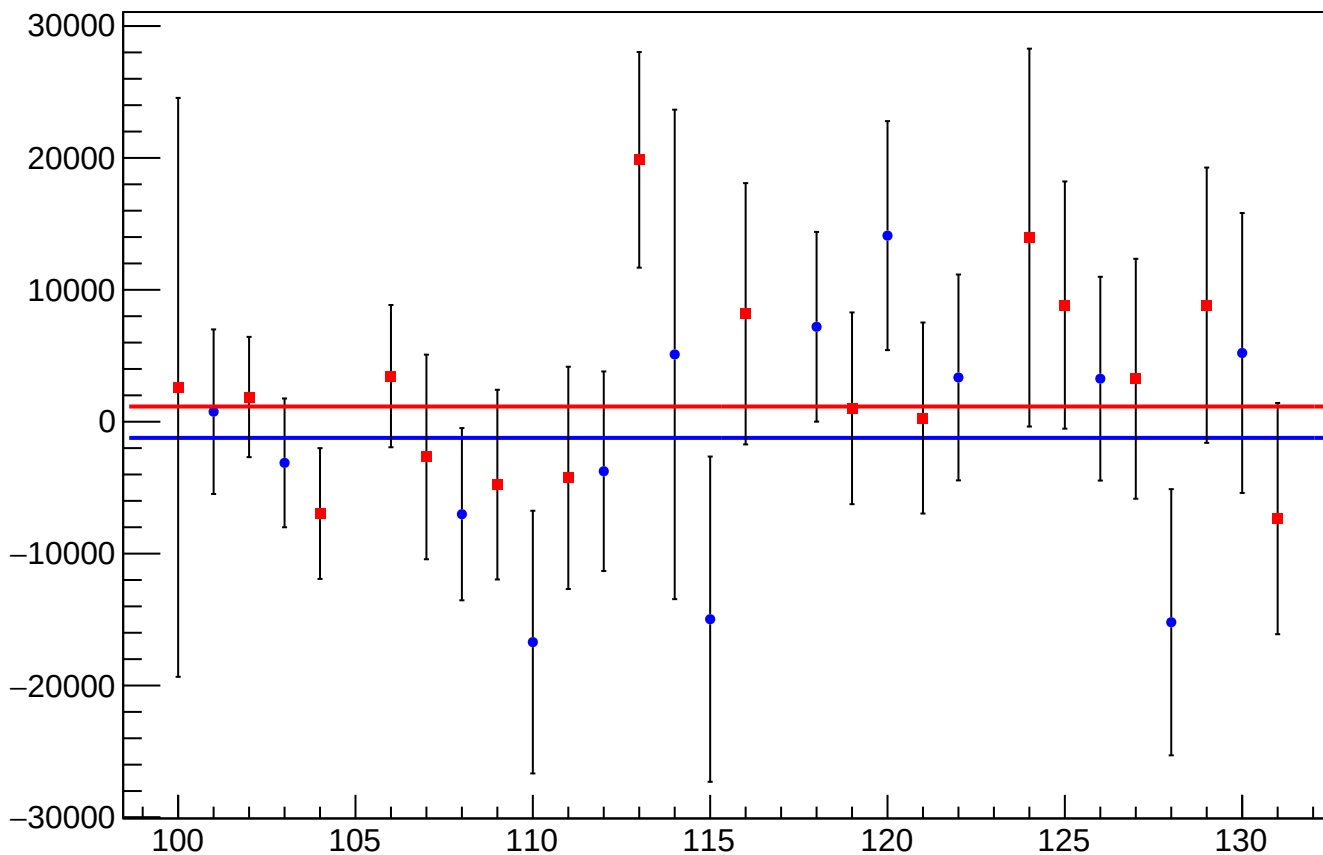
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1613.616 $\pm$ 0.337 χ^2 /NDF: 393349.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_dit_correction_mean vs Slug



Right In: -1225.518+/-2168.784 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1153.033+/-1860.069 χ^2/NDF : 13.0/15

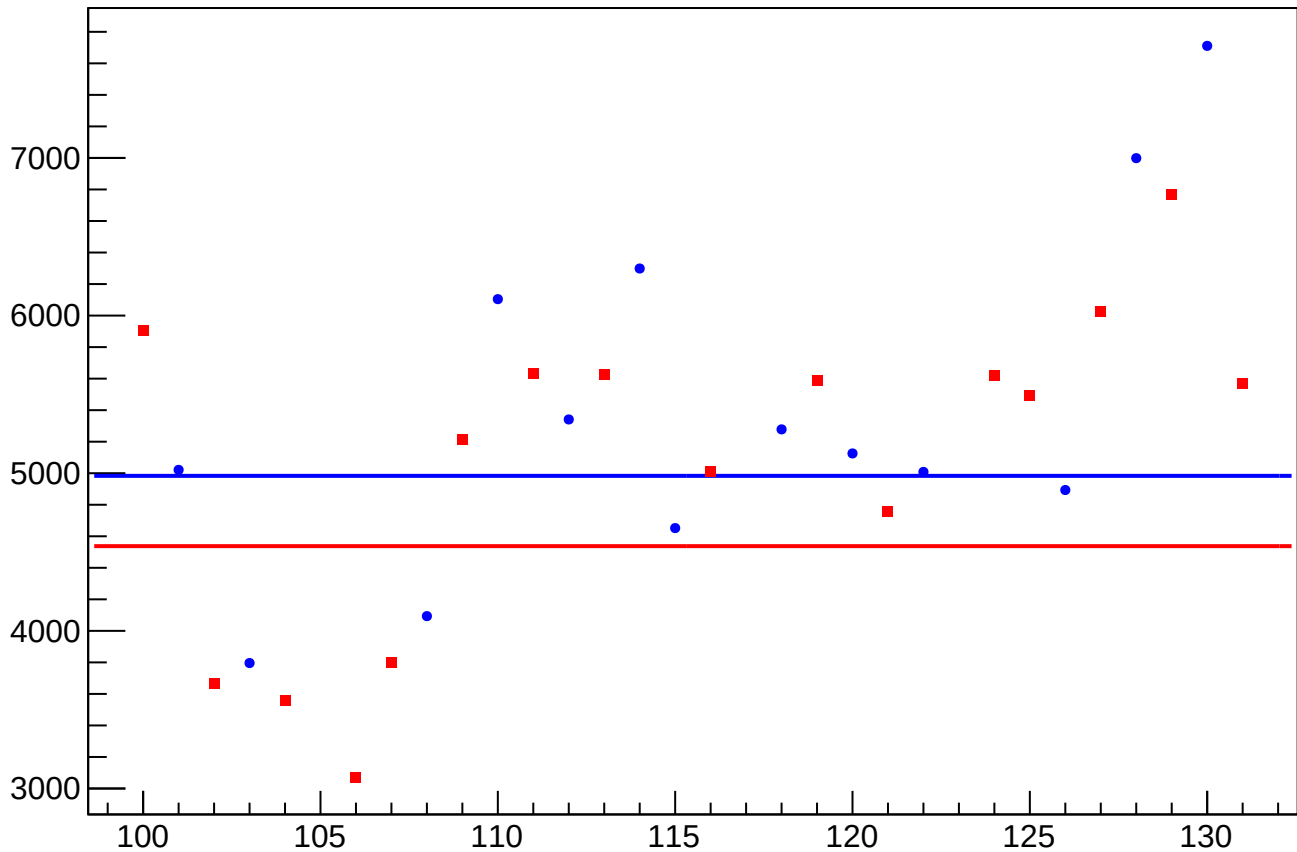
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.953+/-1411.912 χ^2/NDF : 26.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_dit_correction_rms vs Slug



Right In: 4983.341+/-1.534 χ^2/NDF : 412958.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

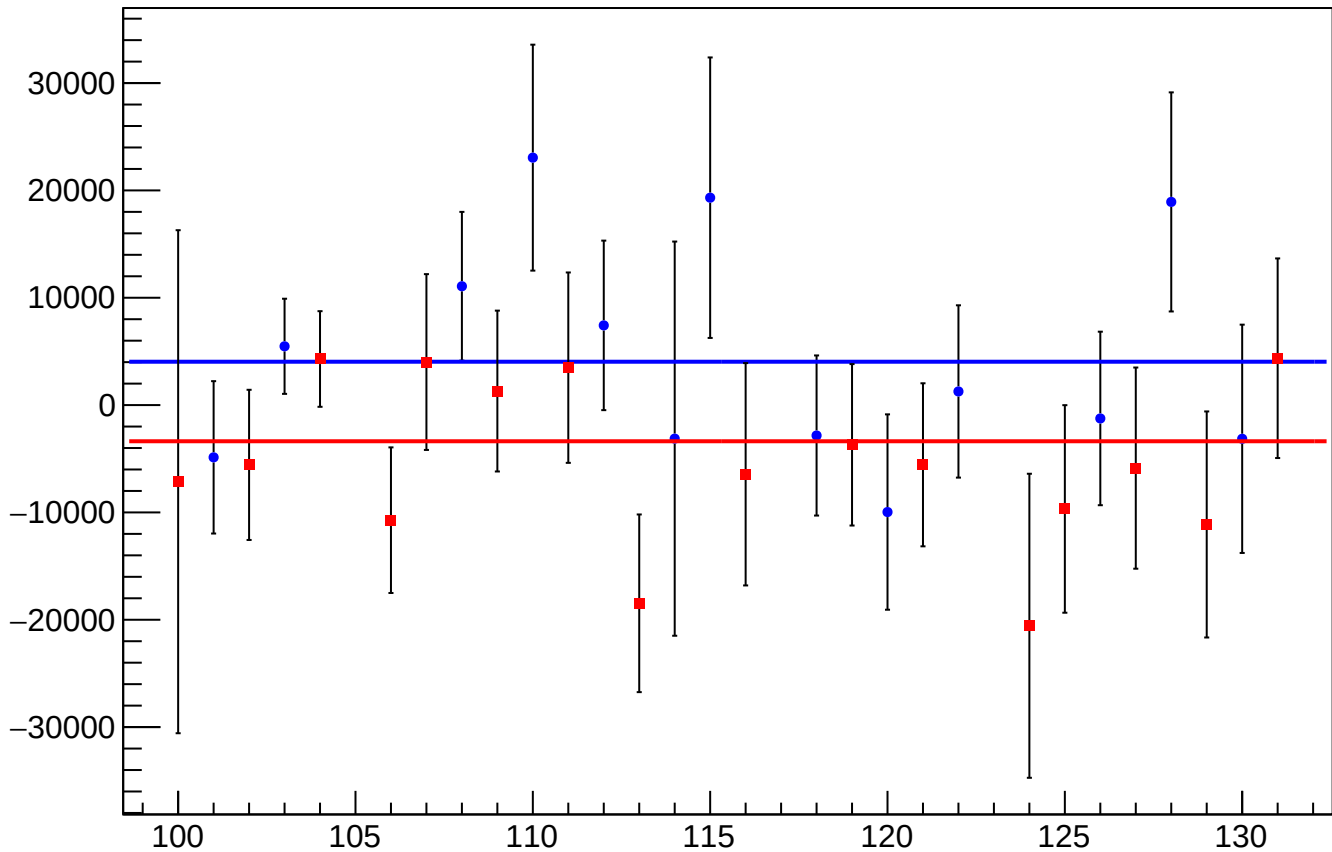
Right Out: 4537.361+/-1.315 χ^2/NDF : 665384.5/15

All: 4726.377+/-0.998 χ^2/NDF : 1127072.1/28

- 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: 4039.580 $\pm$ 2209.671 χ^2 /NDF: 14.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3370.321 $\pm$ 2014.527 χ^2 /NDF: 12.8/15

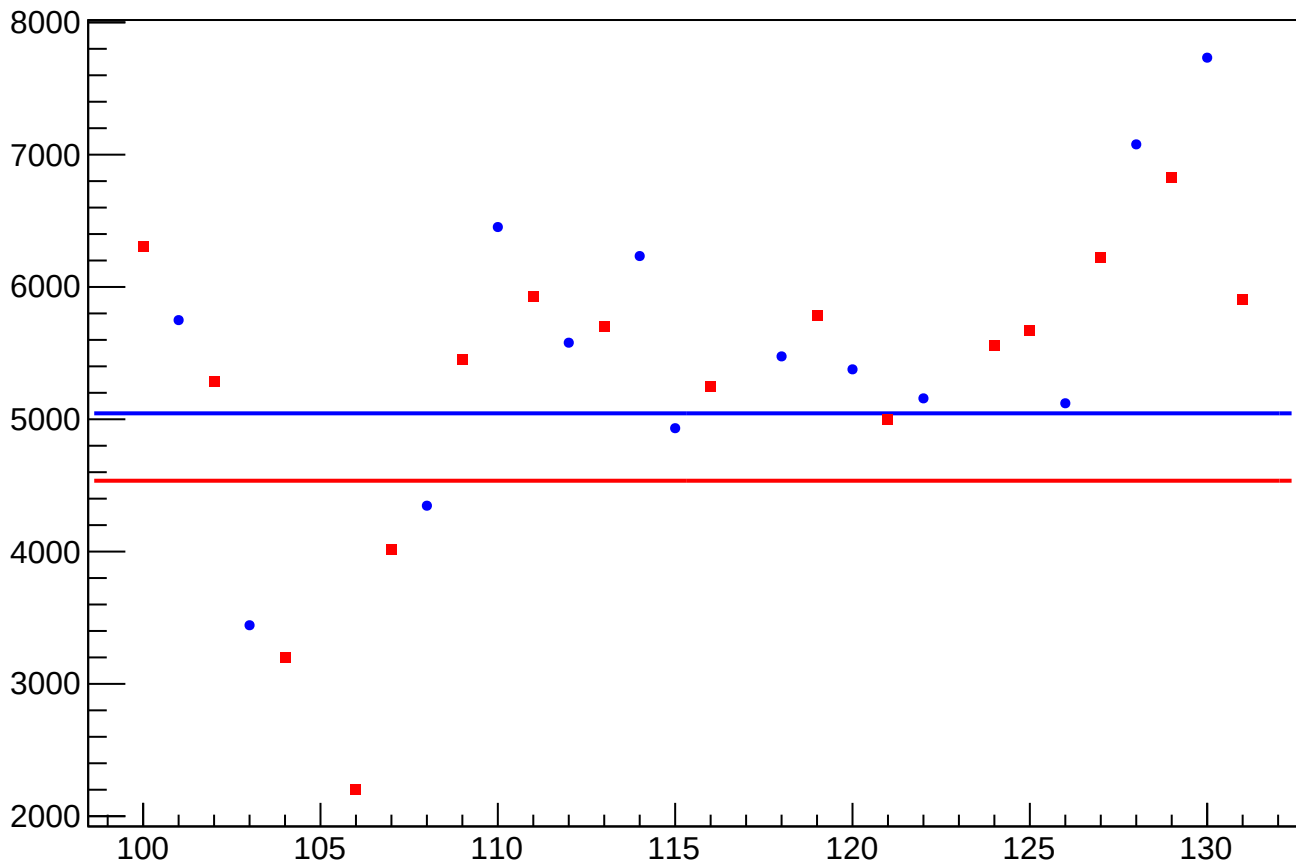
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.955 $\pm$ 1488.705 χ^2 /NDF: 32.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_rms vs Slug



Right In: 5044.871+/-1.562 χ^2/NDF : 571756.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4535.517+/-1.363 χ^2/NDF : 1140734.9/15

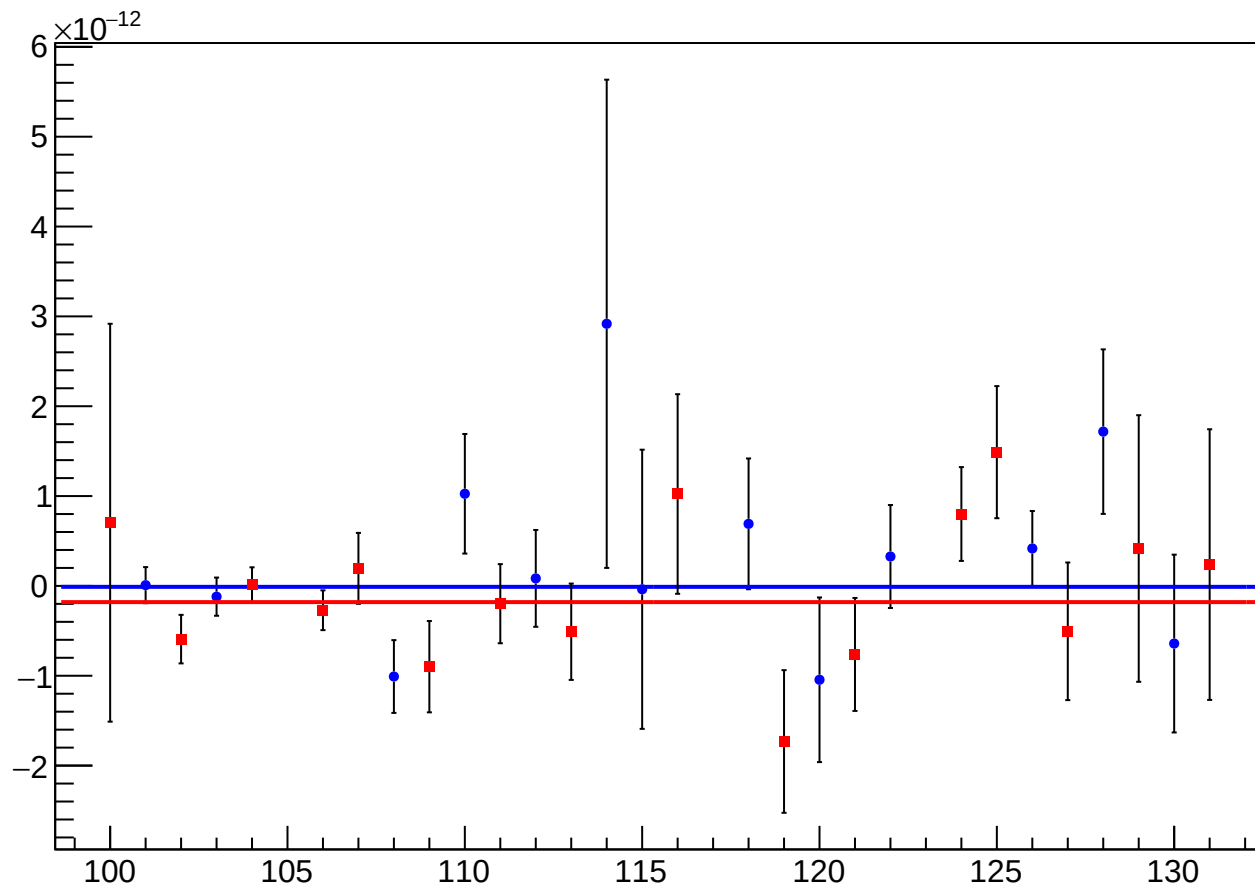
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4755.537+/-1.027 χ^2/NDF : 1772857.8/28

- sign 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 $\pm$ 0.000 χ^2 /NDF: 17.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.9/15

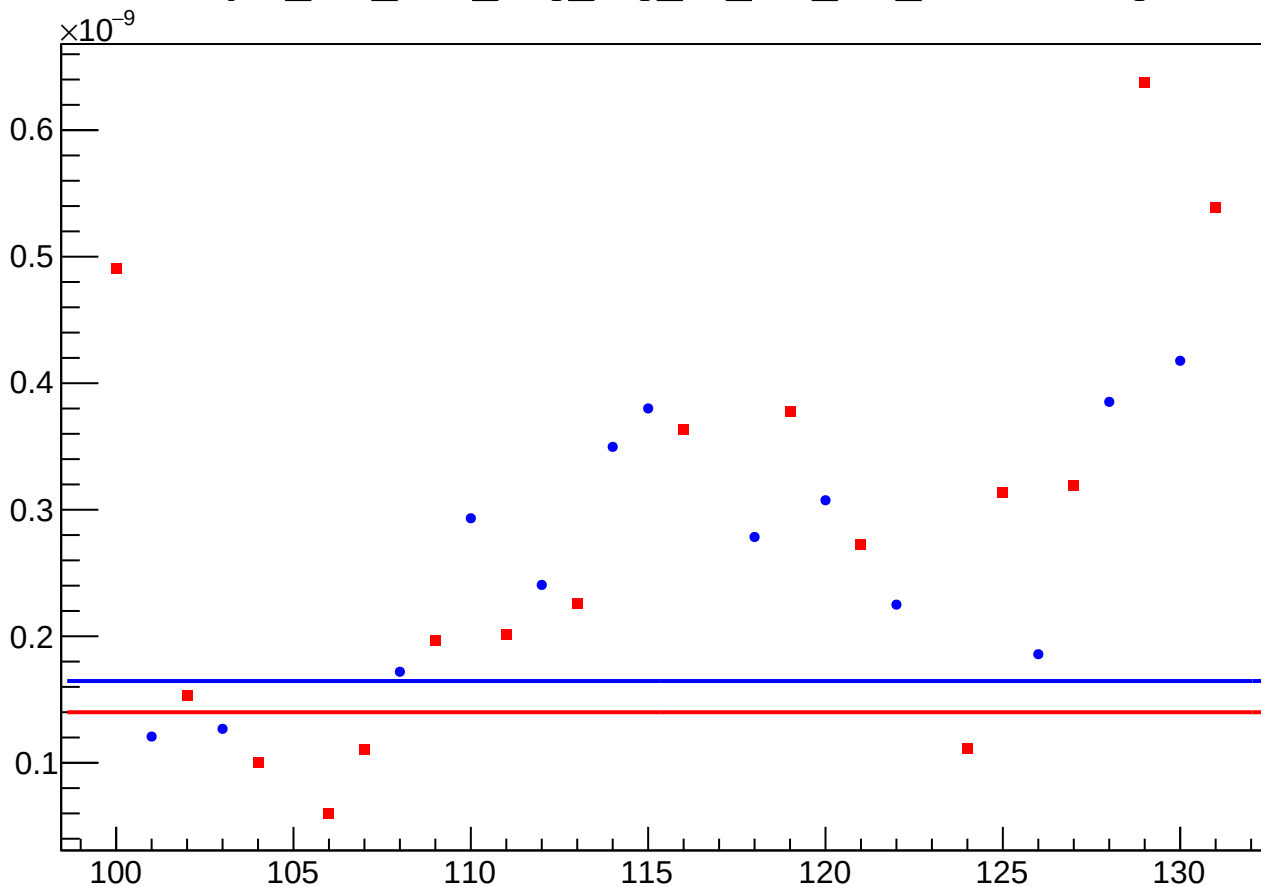
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 40.6/28

- sign 0.000 $\pm$ 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 : 693363.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1472715.5/15

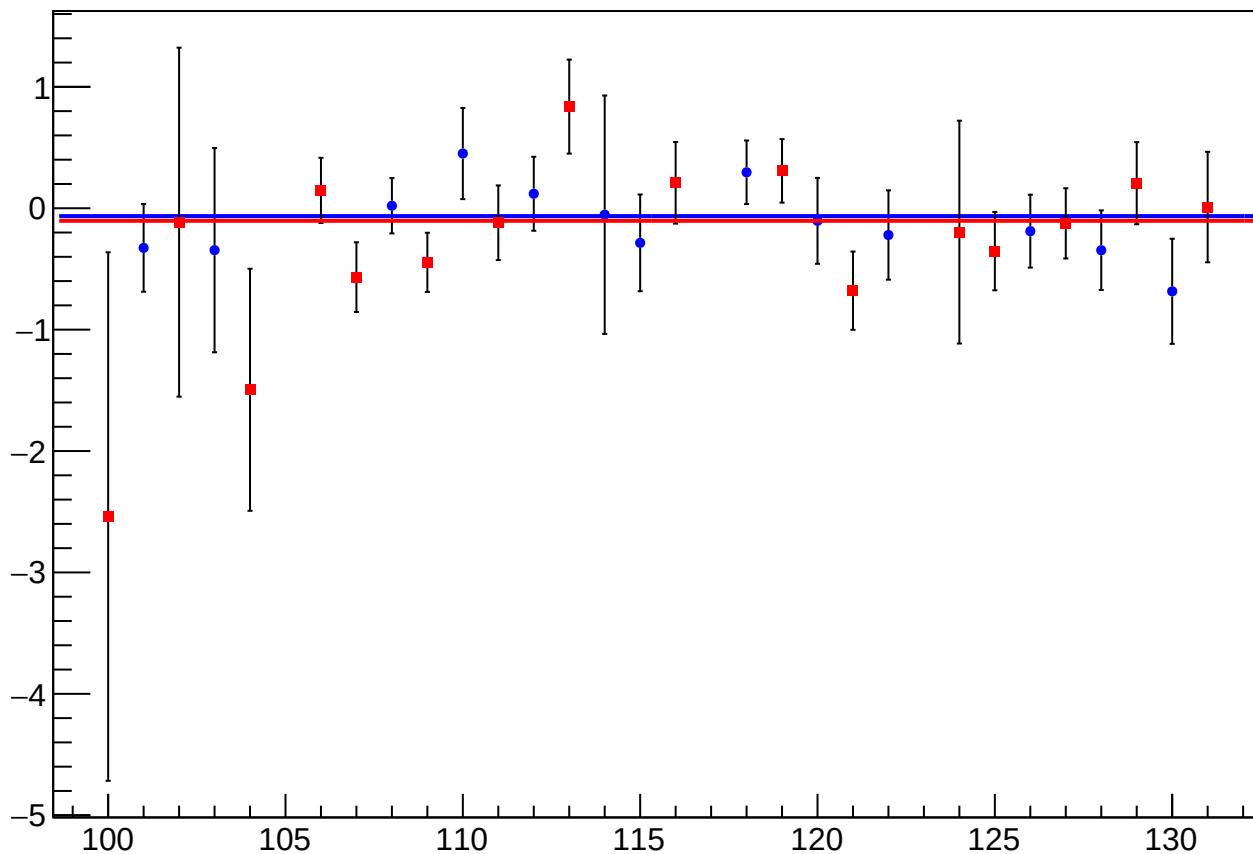
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2216095.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.065+/-0.096 χ^2/NDF : 8.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.103+/-0.087 χ^2/NDF : 22.6/15

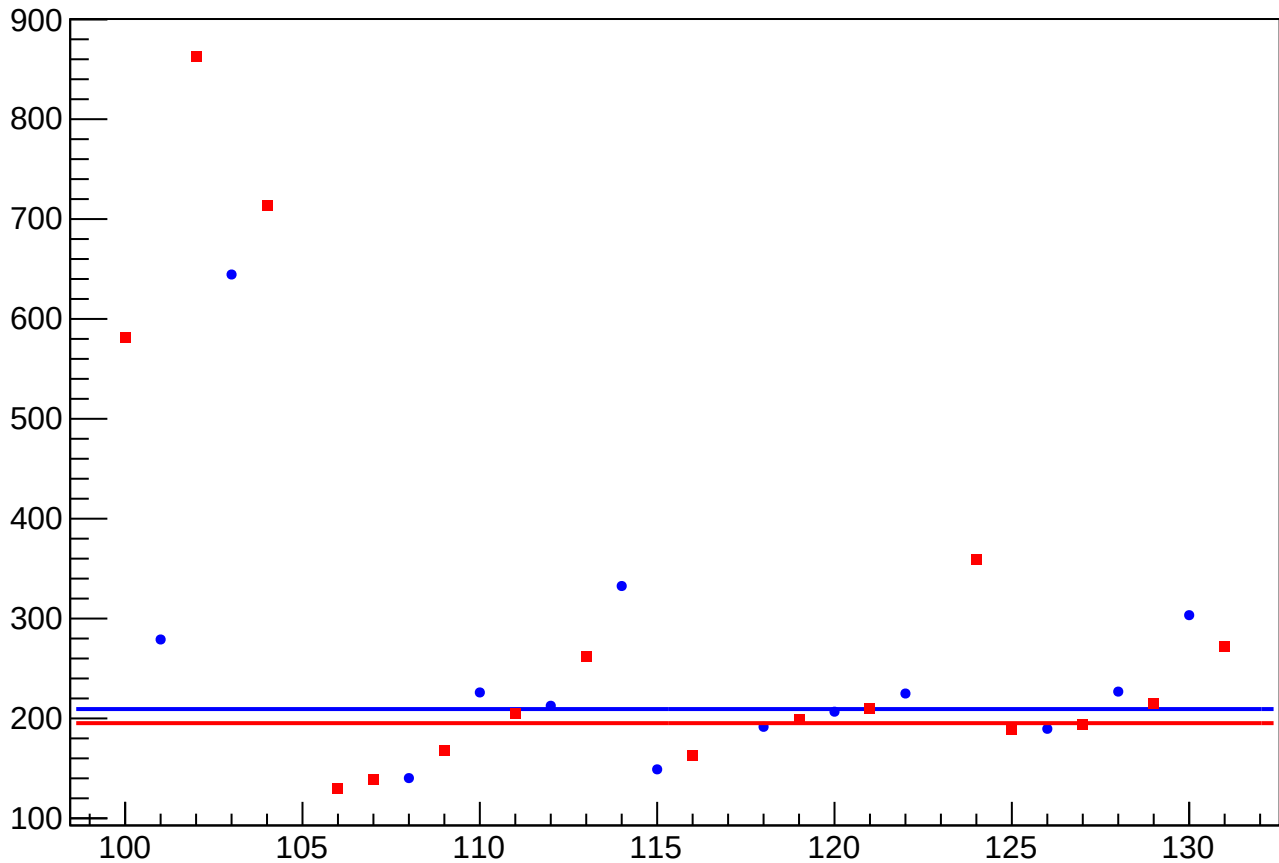
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.086+/-0.065 χ^2/NDF : 31.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 209.375+/-0.068 χ^2/NDF : 995833.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

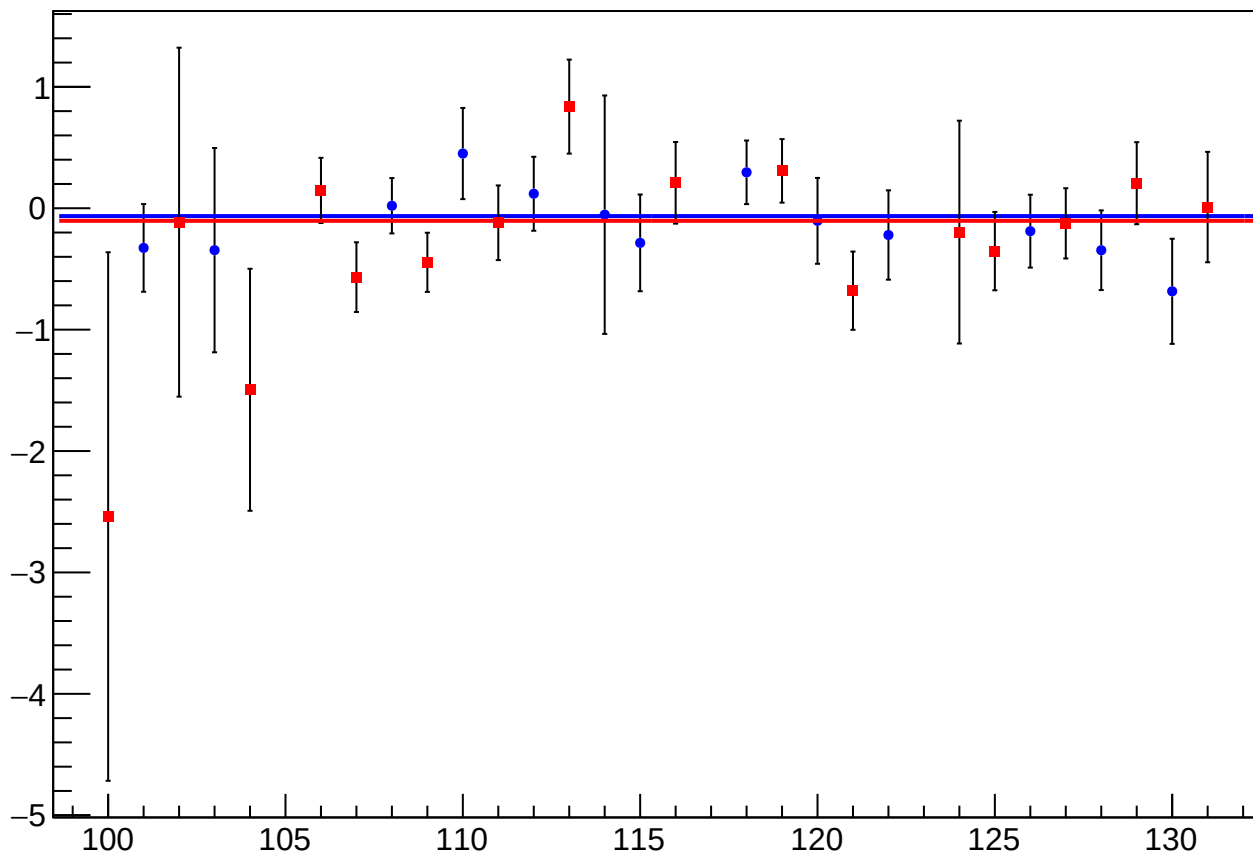
Right Out: 195.272+/-0.062 χ^2/NDF : 1467165.1/15

All: 201.678+/-0.046 χ^2/NDF : 2486700.4/28

- 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_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.065+/-0.096 χ^2/NDF : 8.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.103+/-0.087 χ^2/NDF : 22.6/15

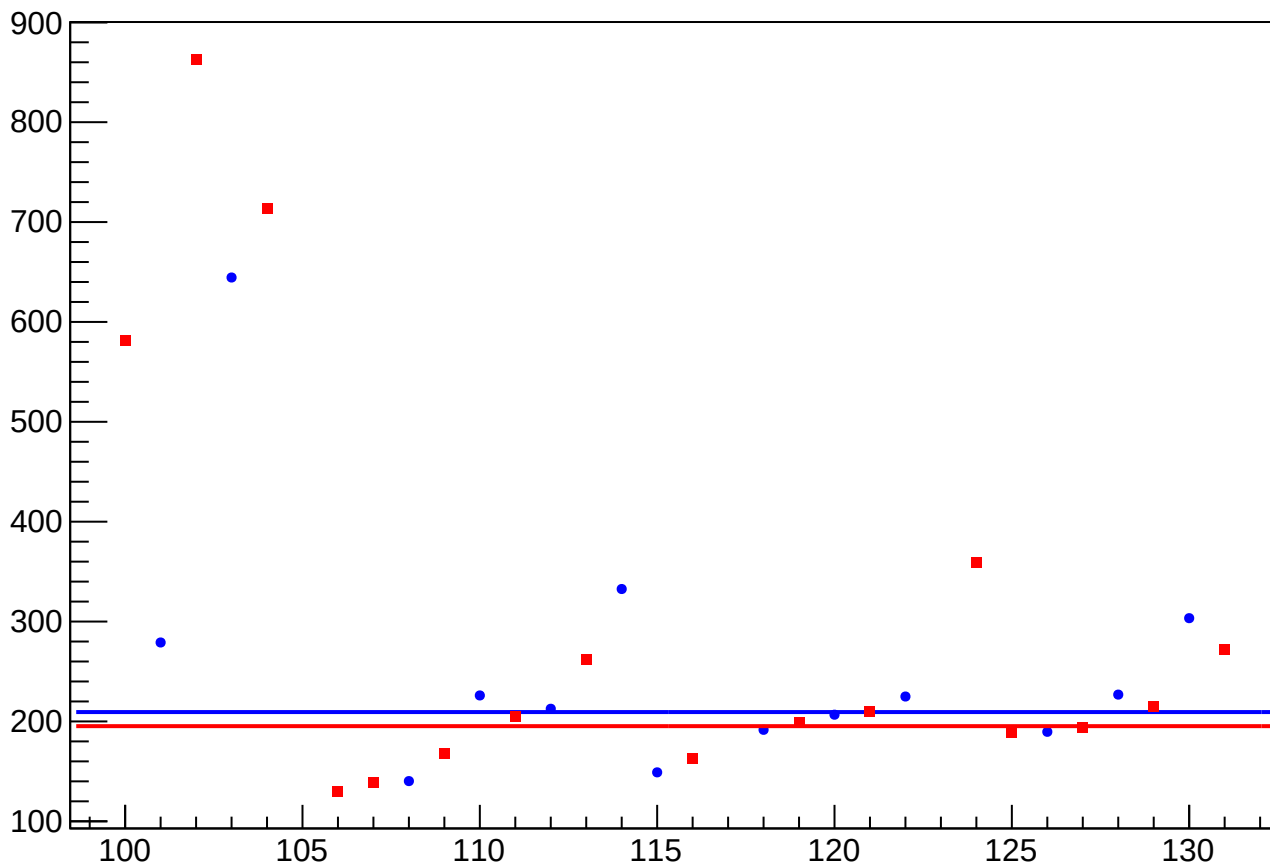
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.086+/-0.065 χ^2/NDF : 31.1/28

- 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: 209.375 $\pm$ 0.068 χ^2 /NDF: 995833.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 195.272 $\pm$ 0.062 χ^2 /NDF: 1467165.1/15

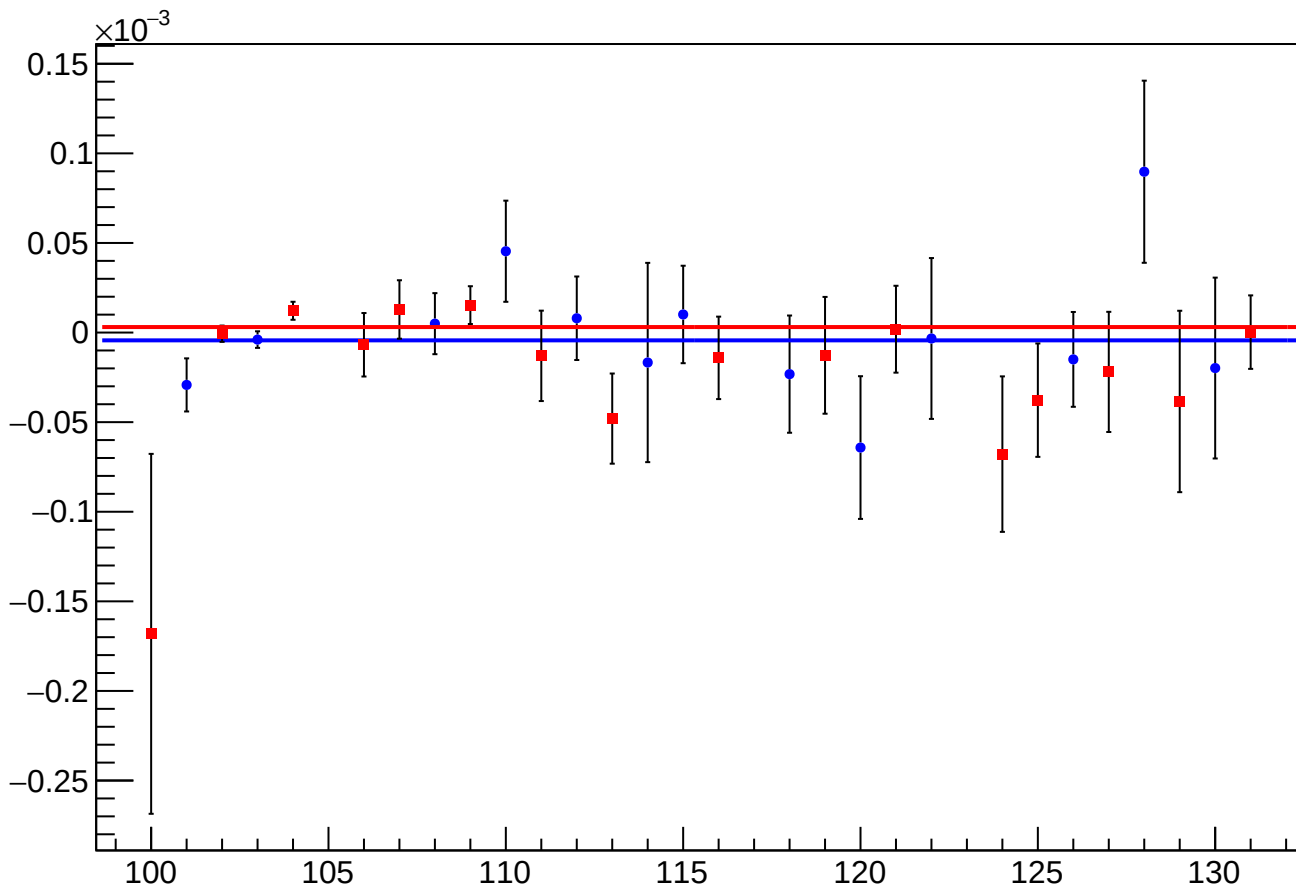
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 201.678 $\pm$ 0.046 χ^2 /NDF: 2486700.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.8/15

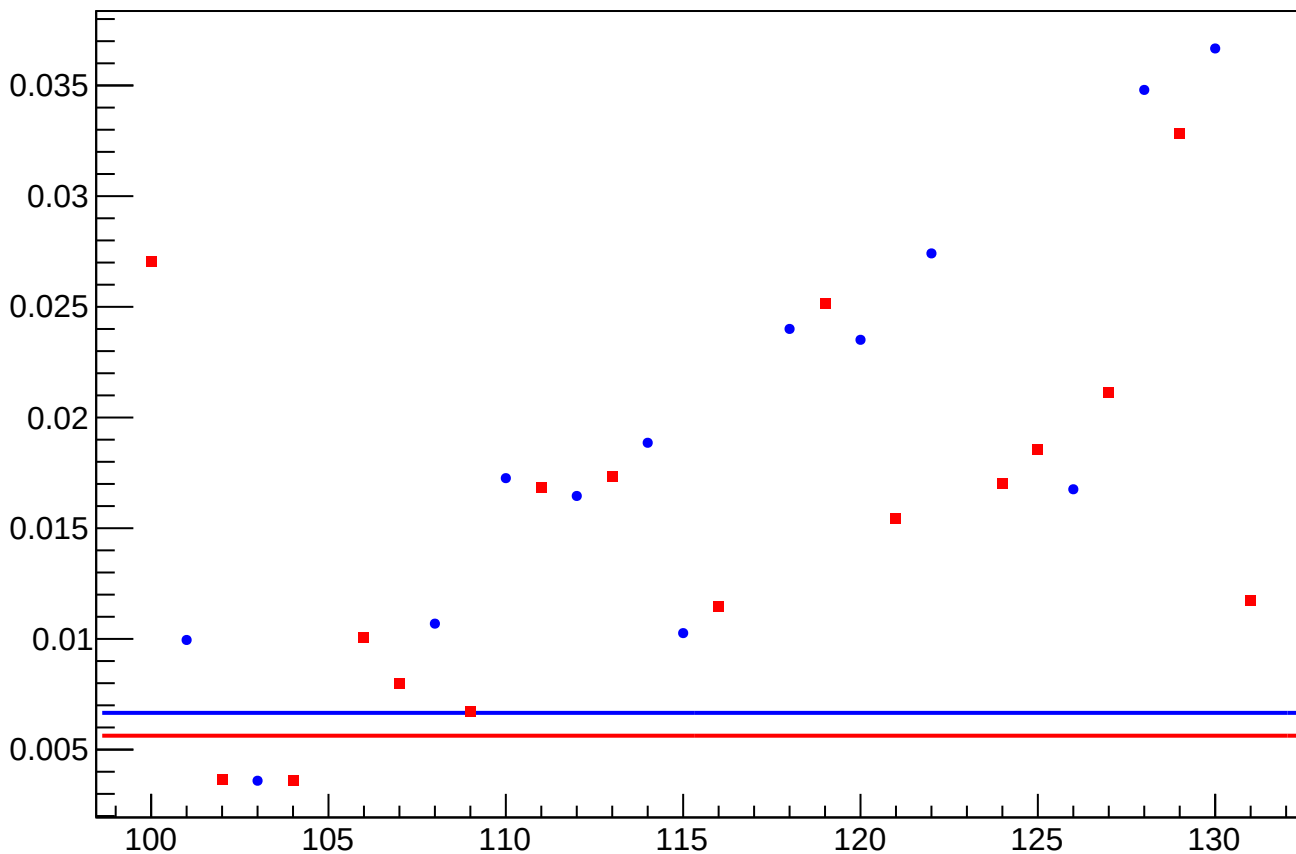
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 35.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 4816297.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 4630841.0/15

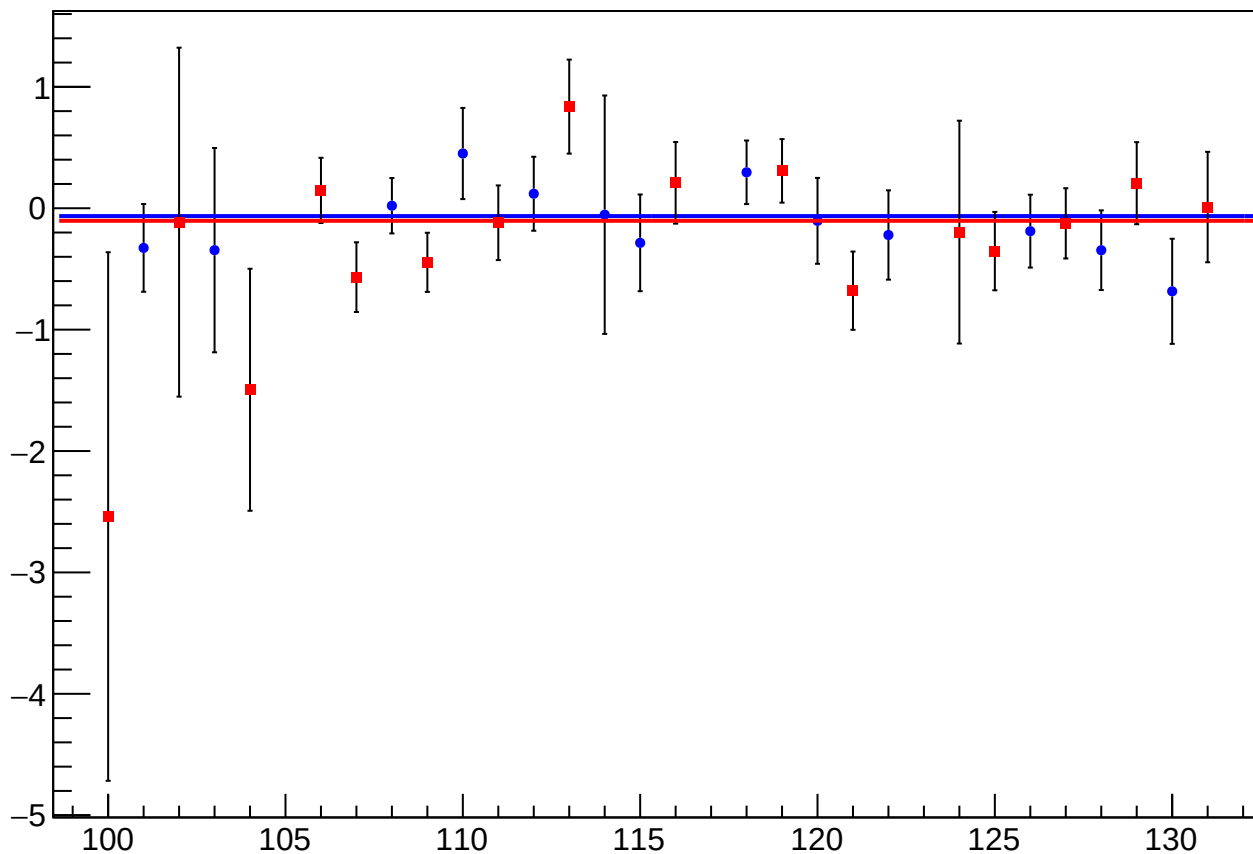
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 9535044.8/28

- 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: -0.065+/-0.096 χ^2/NDF : 8.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.103+/-0.087 χ^2/NDF : 22.6/15

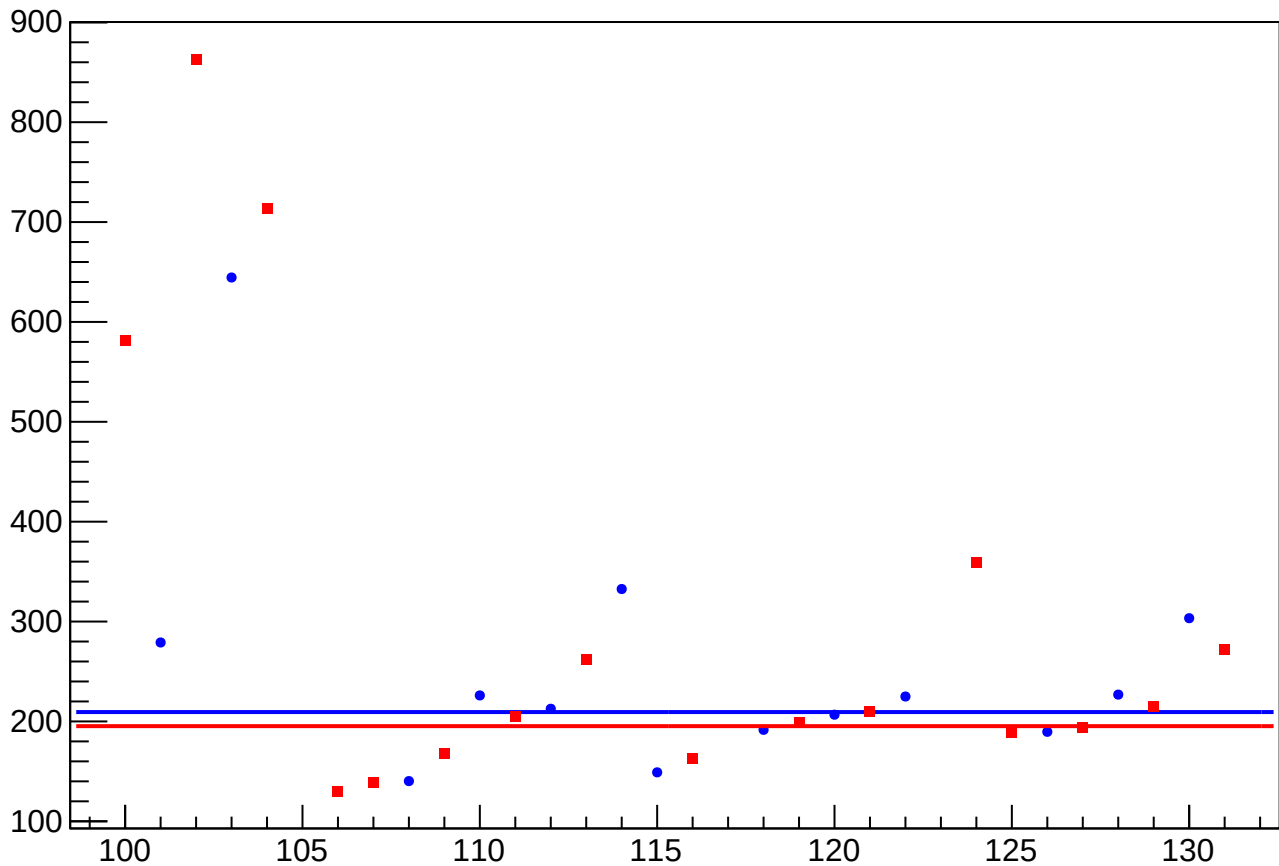
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.086+/-0.065 χ^2/NDF : 31.1/28

- 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: 209.373+/-0.068 χ^2/NDF : 995797.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

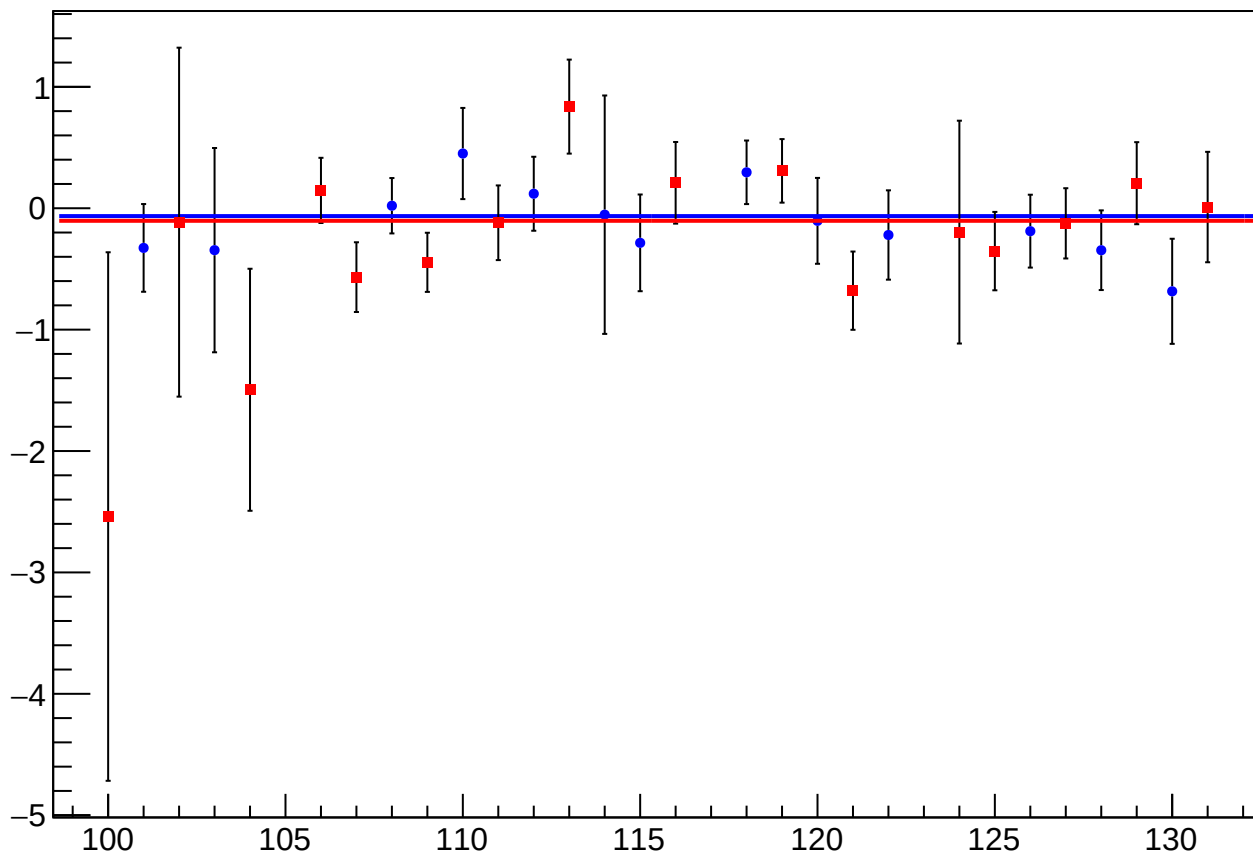
Right Out: 195.270+/-0.062 χ^2/NDF : 1467141.6/15

All: 201.676+/-0.046 χ^2/NDF : 2486639.8/28

- 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_eigen_cor_diff_mean vs Slug



Right In: -0.065+/-0.096 χ^2/NDF : 8.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.103+/-0.087 χ^2/NDF : 22.6/15

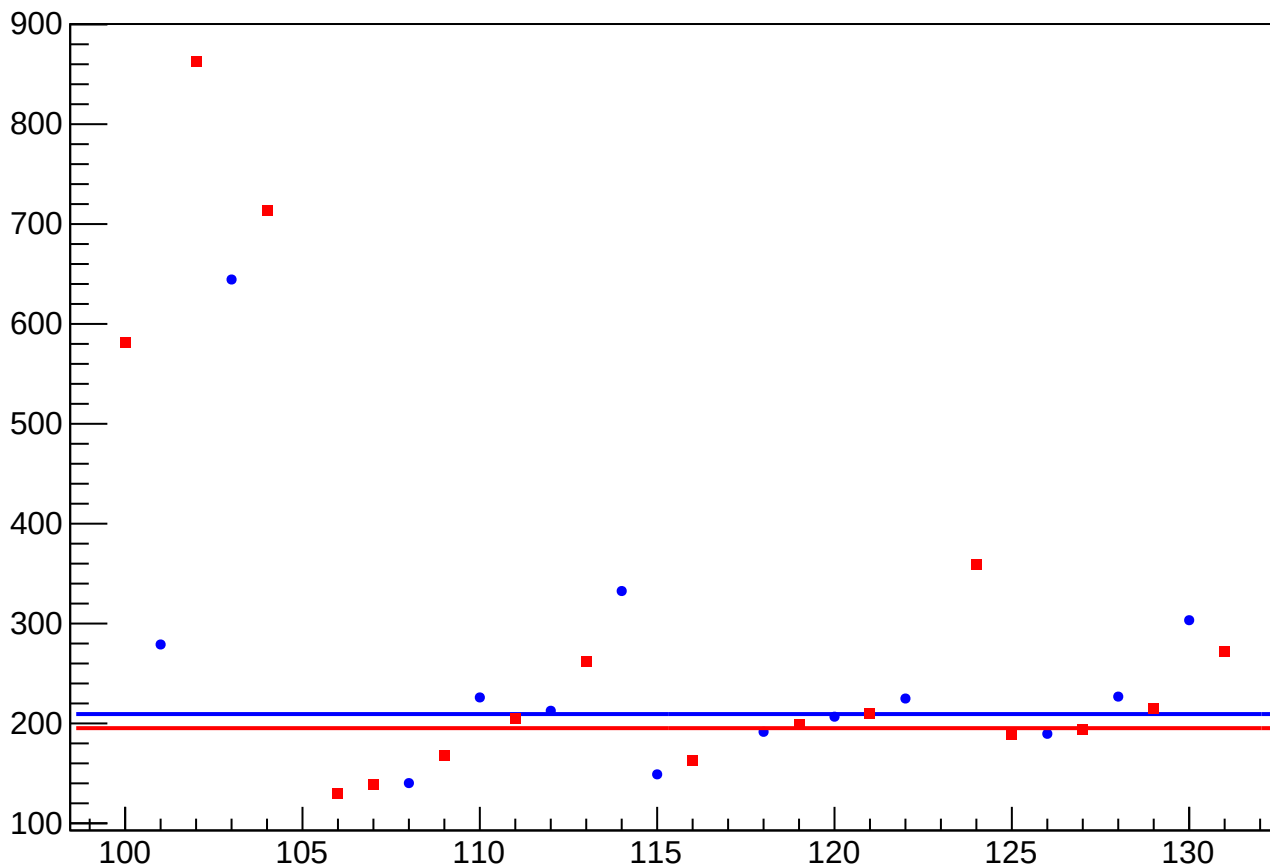
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.086+/-0.065 χ^2/NDF : 31.1/28

- 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: 209.373 ± 0.068 $\chi^2/\text{NDF}: 995797.5/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 195.270 ± 0.062 $\chi^2/\text{NDF}: 1467141.6/15$

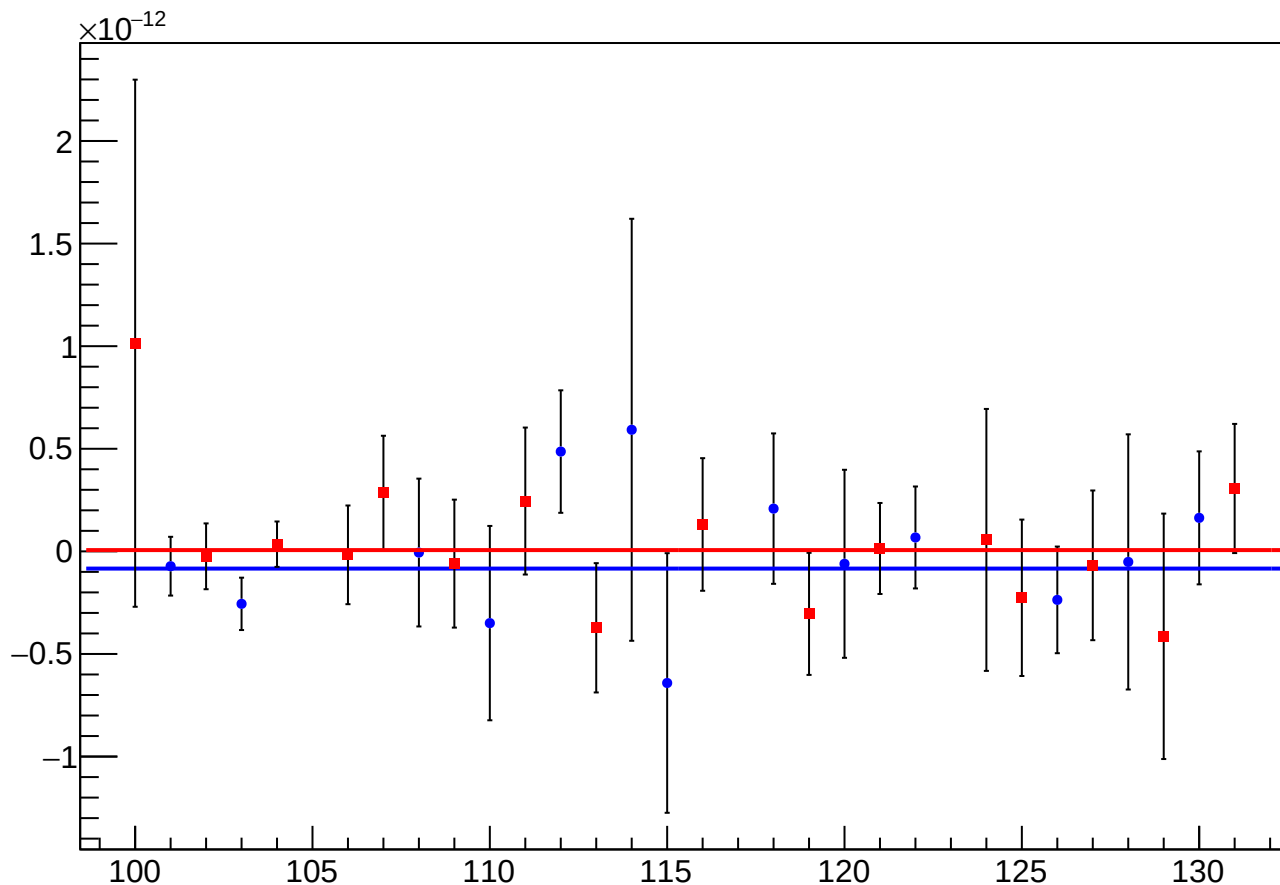
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 201.676 ± 0.046 $\chi^2/\text{NDF}: 2486639.8/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.7/15

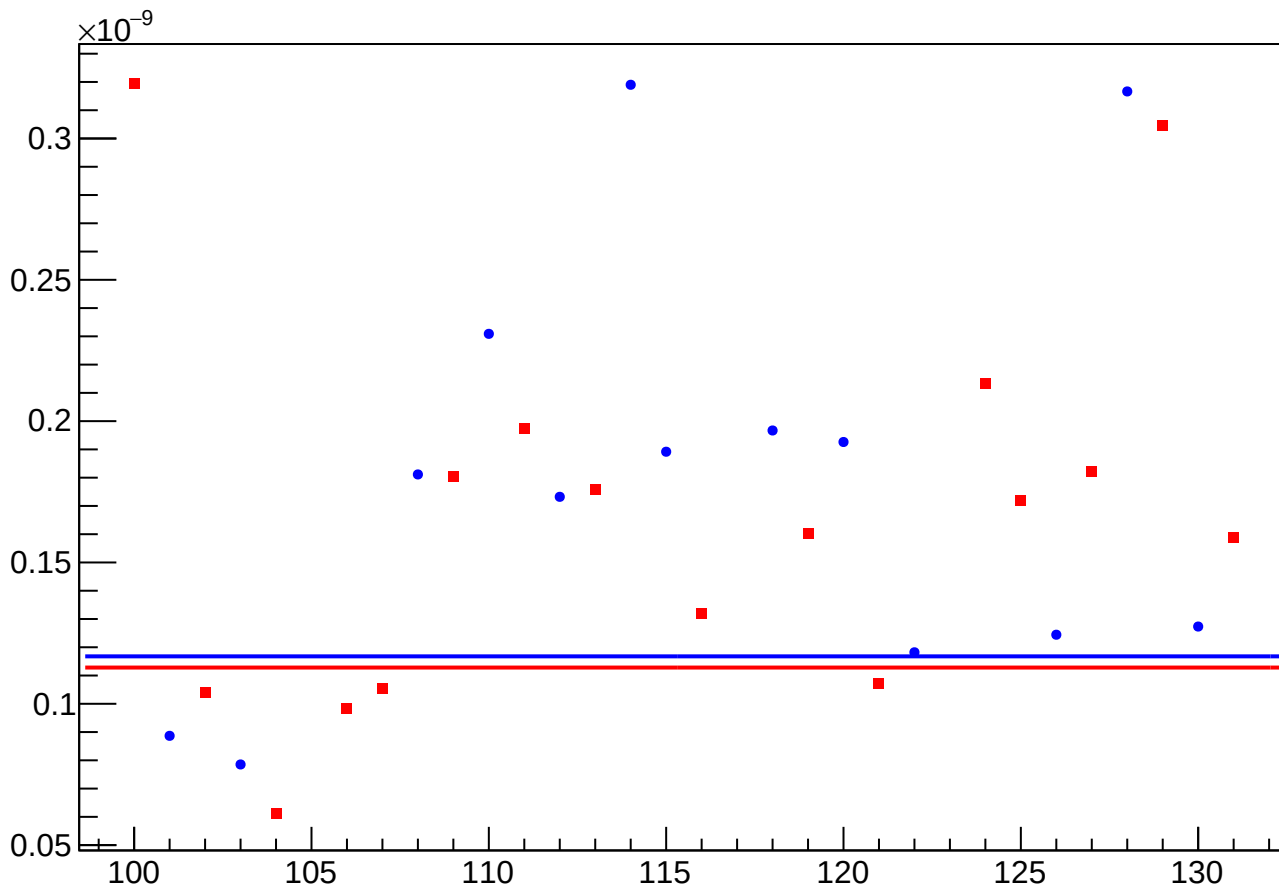
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 16.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 972286.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1267550.0/15

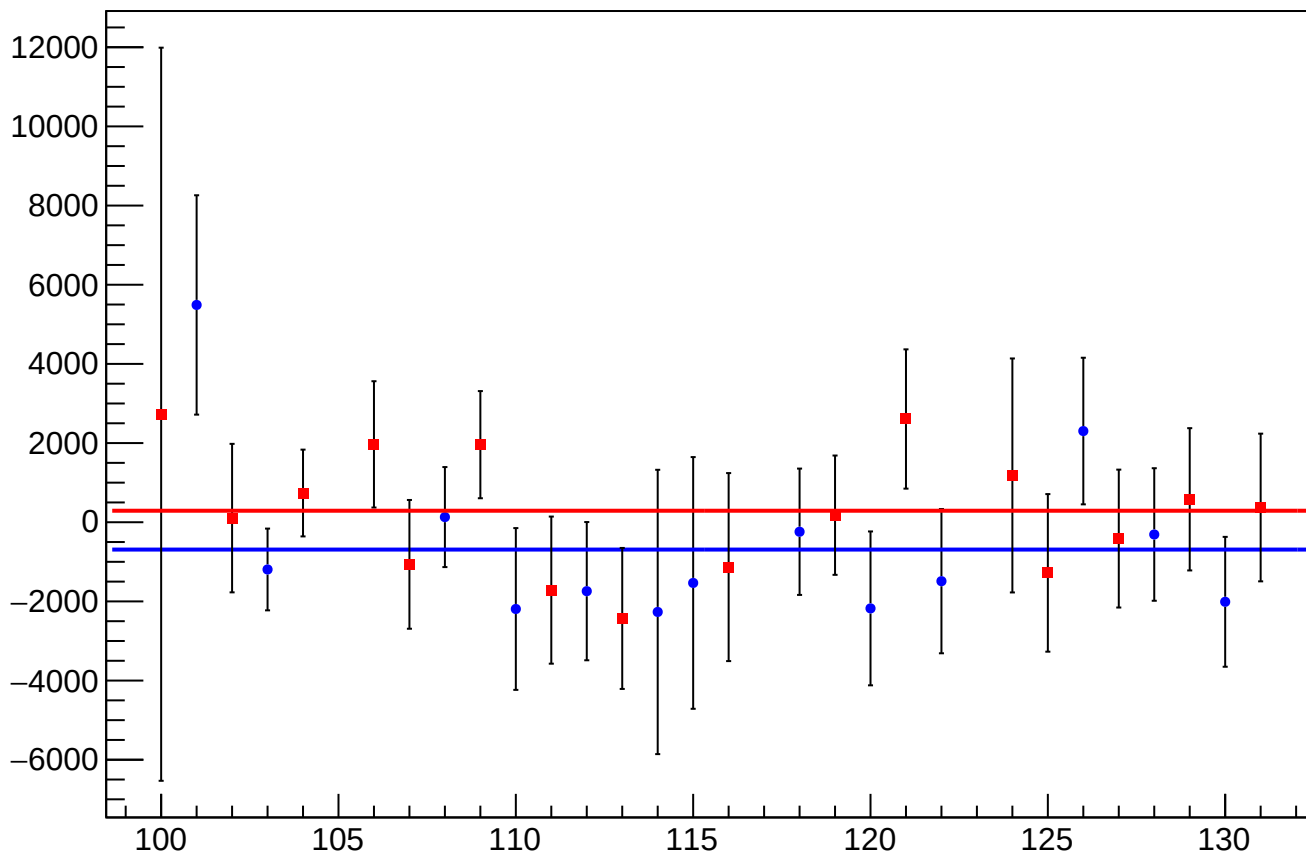
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2243253.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_mean vs Slug



Right In: -690.565+/-475.850 χ^2/NDF : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 290.587+/-435.043 χ^2/NDF : 10.1/15

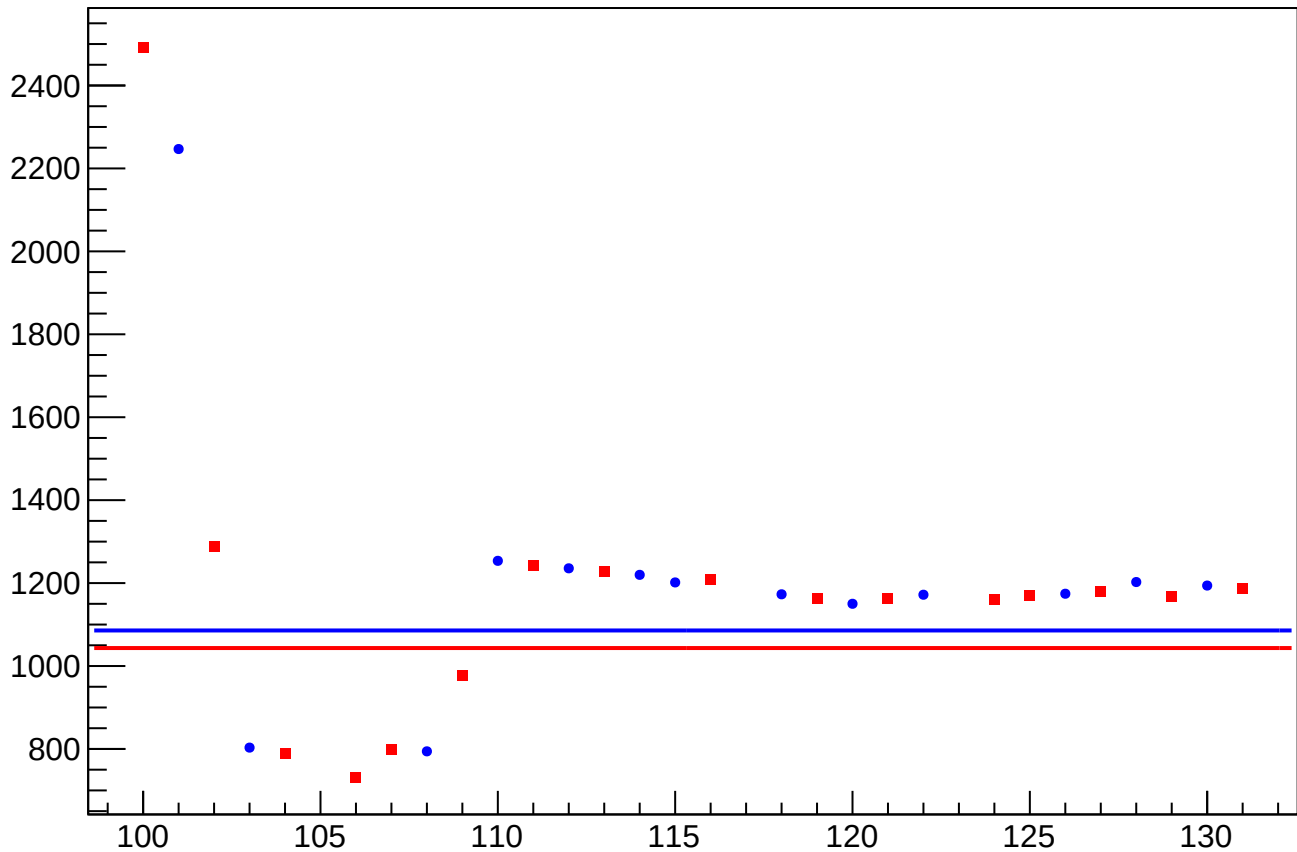
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -156.122+/-321.081 χ^2/NDF : 23.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_rms vs Slug



Right In: 1085.745+/-0.336 χ^2/NDF : 676593.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

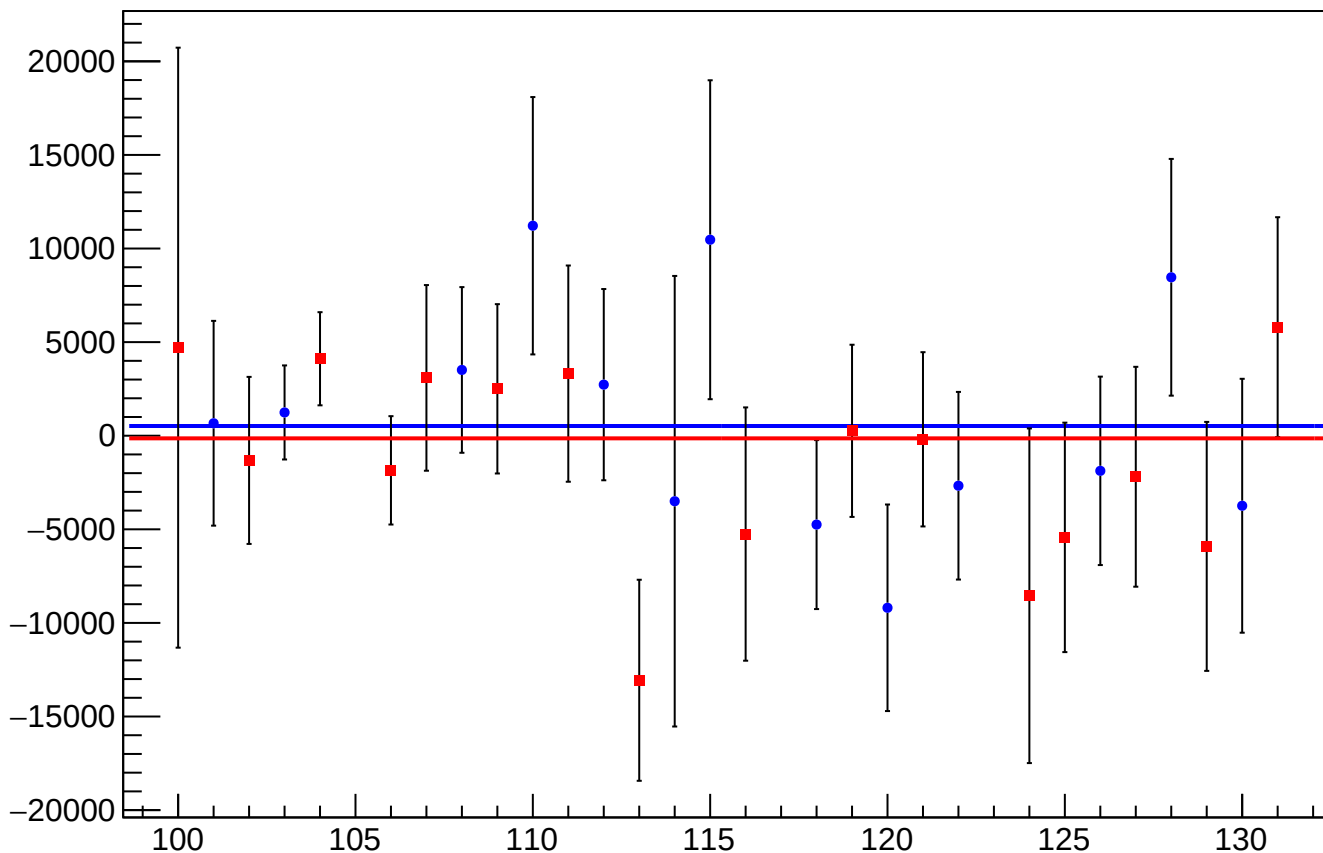
Right Out: 1043.350+/-0.305 χ^2/NDF : 456694.6/15

All: 1062.457+/-0.226 χ^2/NDF : 1142007.9/28

- 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_reg_correction_mean vs Slug



Right In: 518.880 $\pm$ 1372.199 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -140.818 $\pm$ 1175.018 χ^2 /NDF: 14.5/15

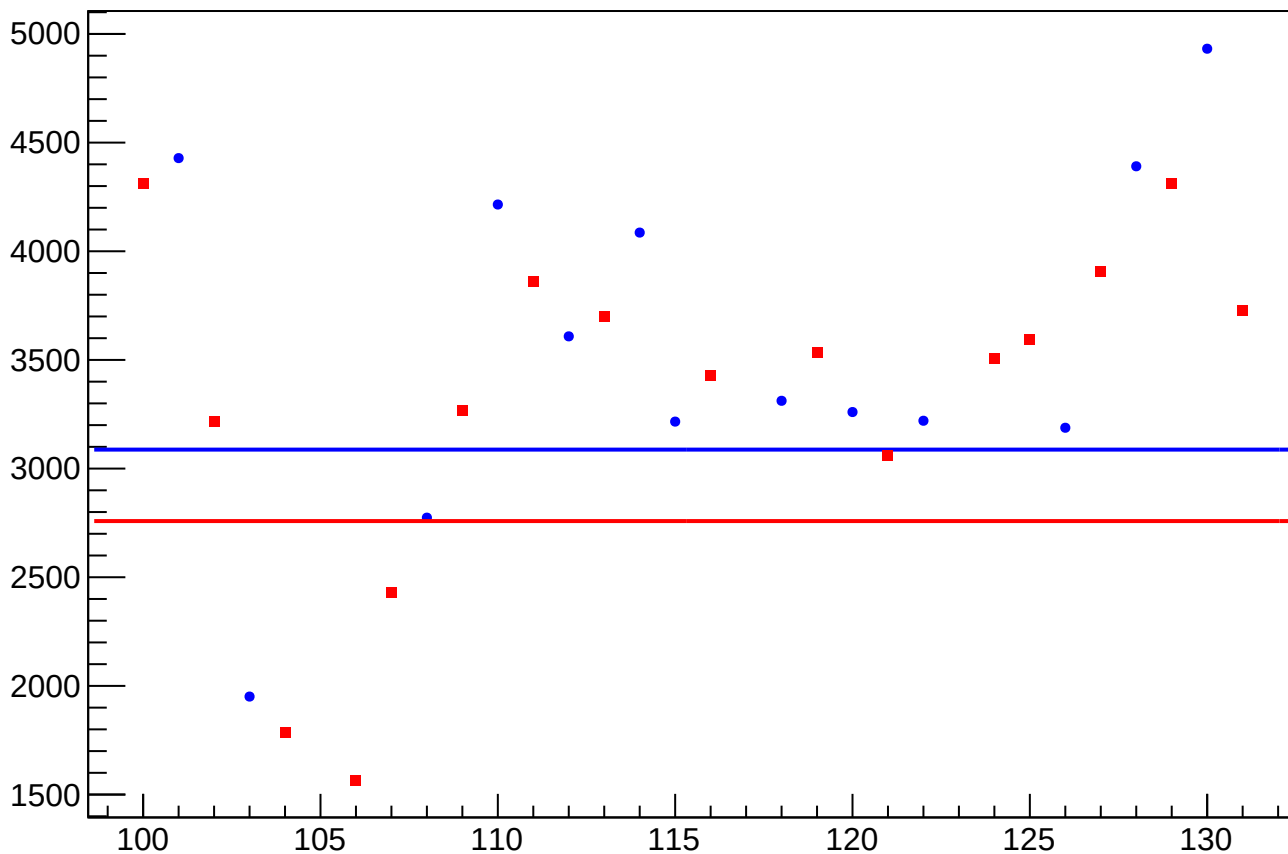
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 138.268 $\pm$ 892.511 χ^2 /NDF: 26.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_reg_correction_rms vs Slug



Right In: 3087.306+/-0.970 χ^2/NDF : 870537.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2758.486+/-0.831 χ^2/NDF : 1231692.8/15

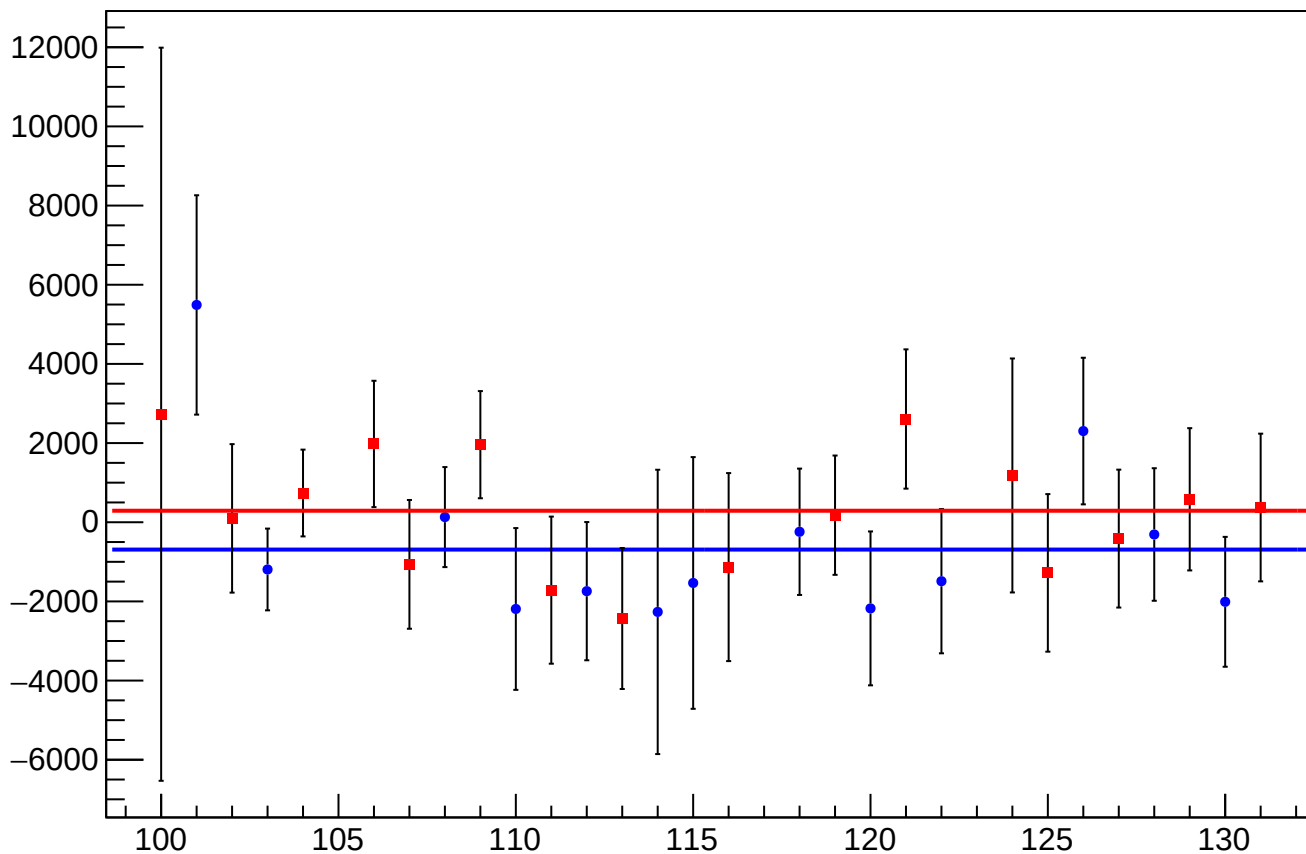
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2897.594+/-0.631 χ^2/NDF : 2168490.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr2_dd_mean vs Slug



Right In: -690.479+/-475.851 χ^2/NDF : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 290.916+/-435.048 χ^2/NDF : 10.1/15

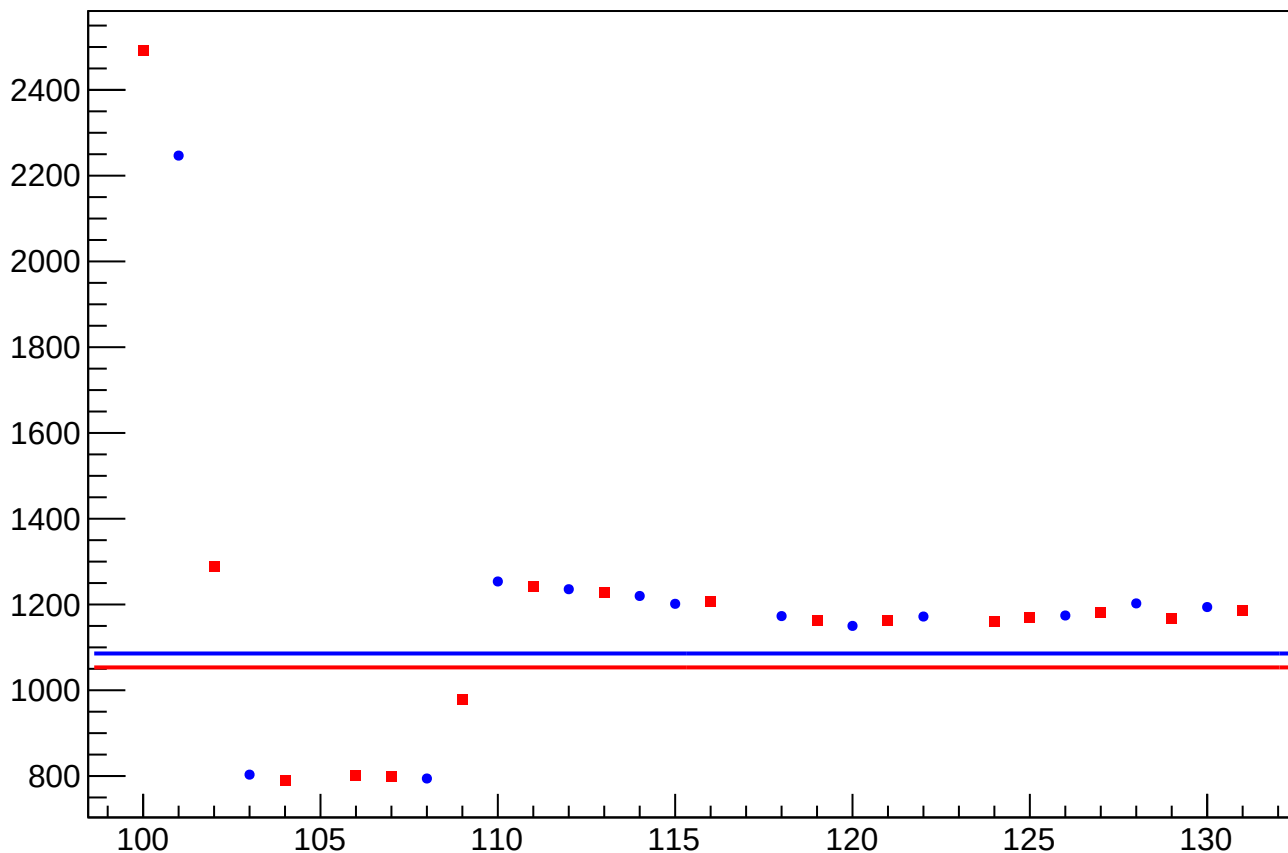
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -155.909+/-321.083 χ^2/NDF : 23.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr2_dd_rms vs Slug



Right In: 1085.745 $\pm$ 0.336 χ^2 /NDF: 676590.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1053.271 $\pm$ 0.307 χ^2 /NDF: 408808.4/15

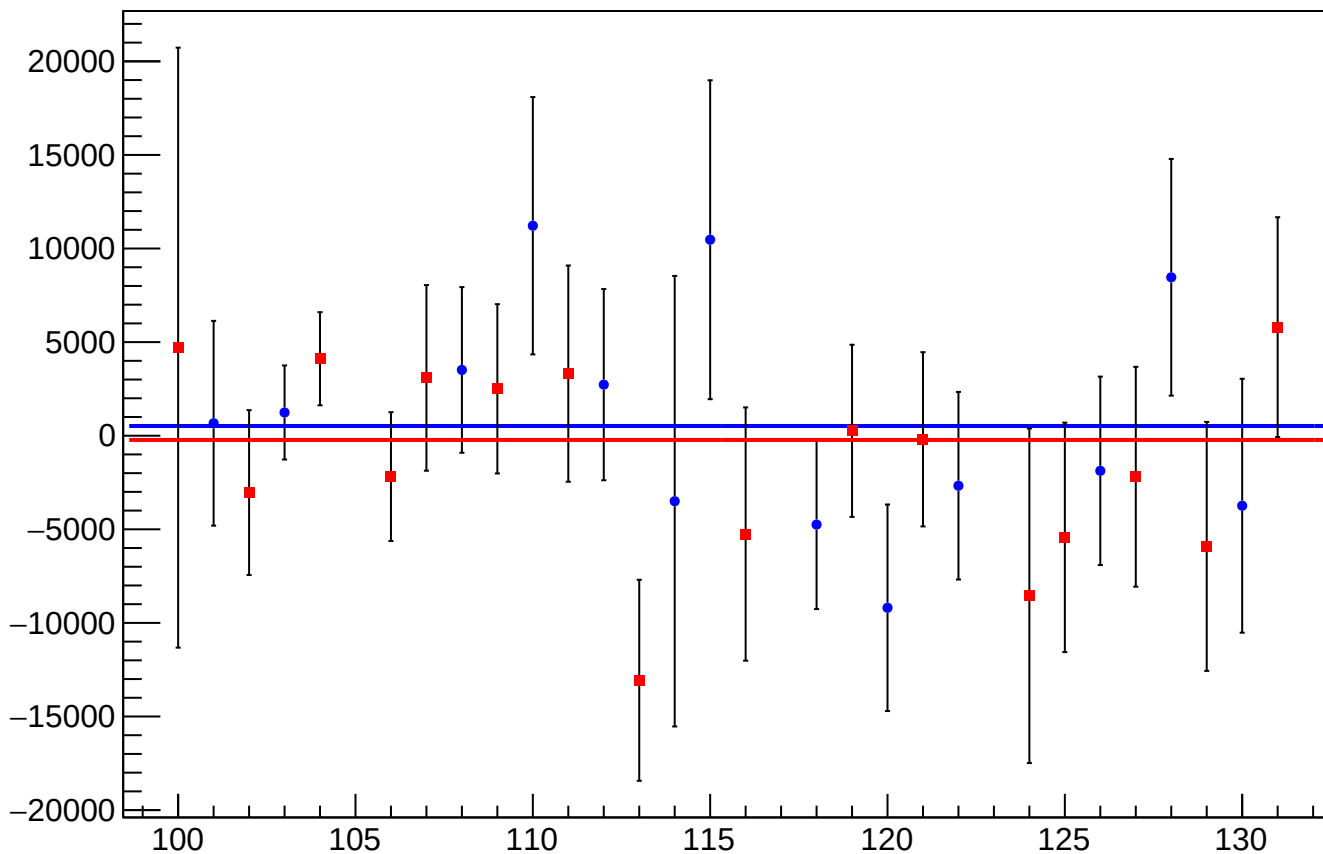
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1068.022 $\pm$ 0.227 χ^2 /NDF: 1090482.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_cor_correction_mean vs Slug



Right In: 518.190 $\pm$ 1372.268 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -226.052 $\pm$ 1203.288 χ^2 /NDF: 14.8/15

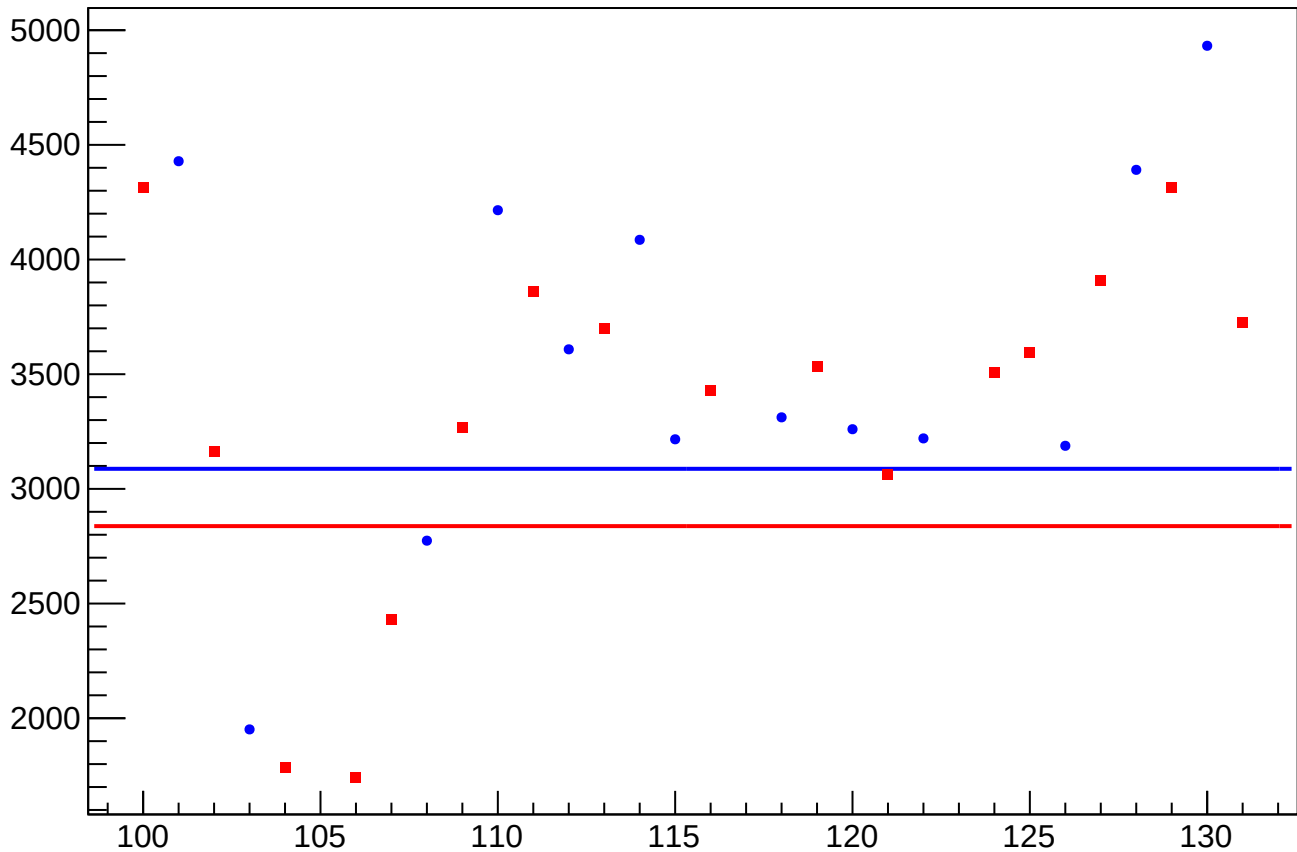
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 97.449 $\pm$ 904.732 χ^2 /NDF: 26.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_cor_correction_rms vs Slug



Right In: 3087.526+/-0.970 χ^2/NDF : 870140.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

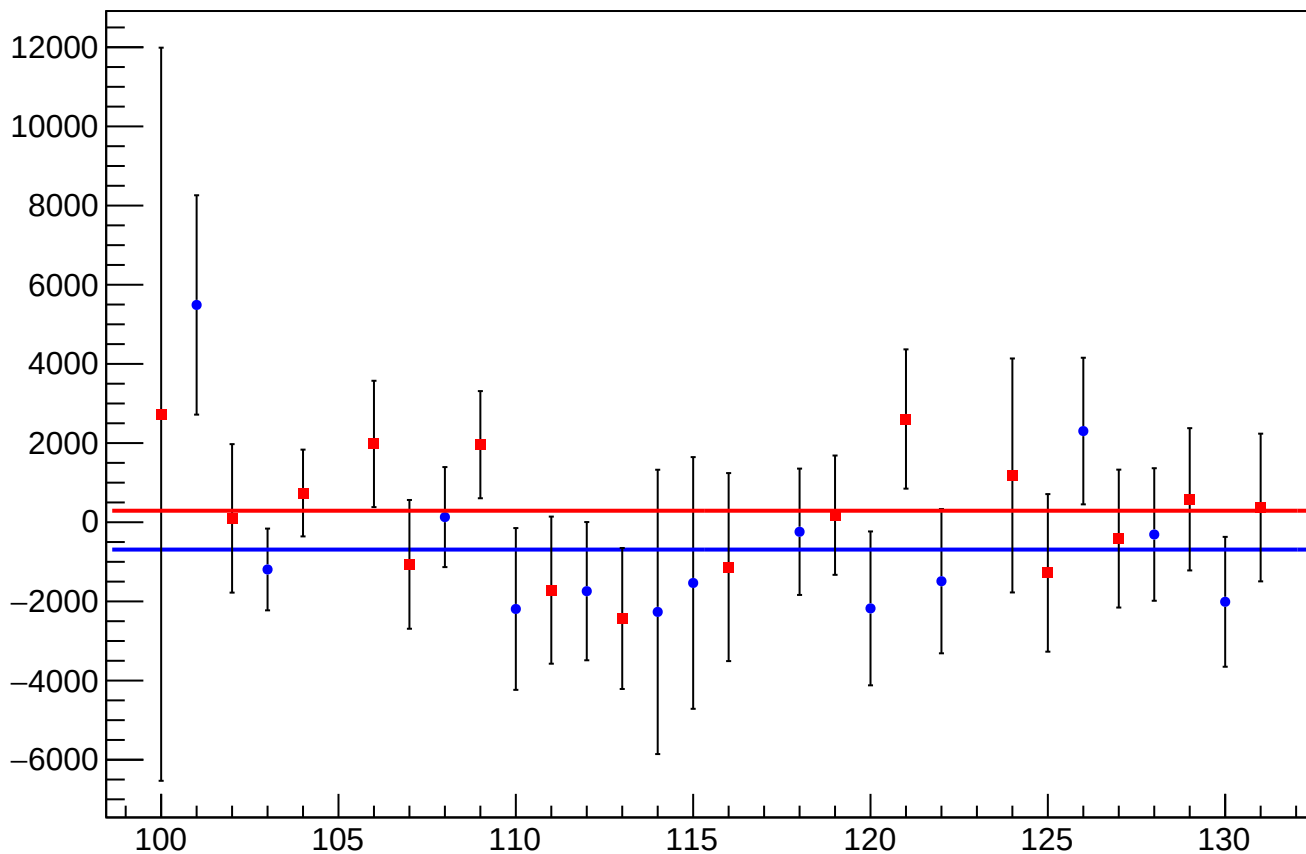
Right Out: 2837.624+/-0.851 χ^2/NDF : 1053256.9/15

All: 2946.249+/-0.640 χ^2/NDF : 1960894.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr2_dd_mean vs Slug



Right In: -690.479+/-475.851 χ^2/NDF : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 290.916+/-435.048 χ^2/NDF : 10.1/15

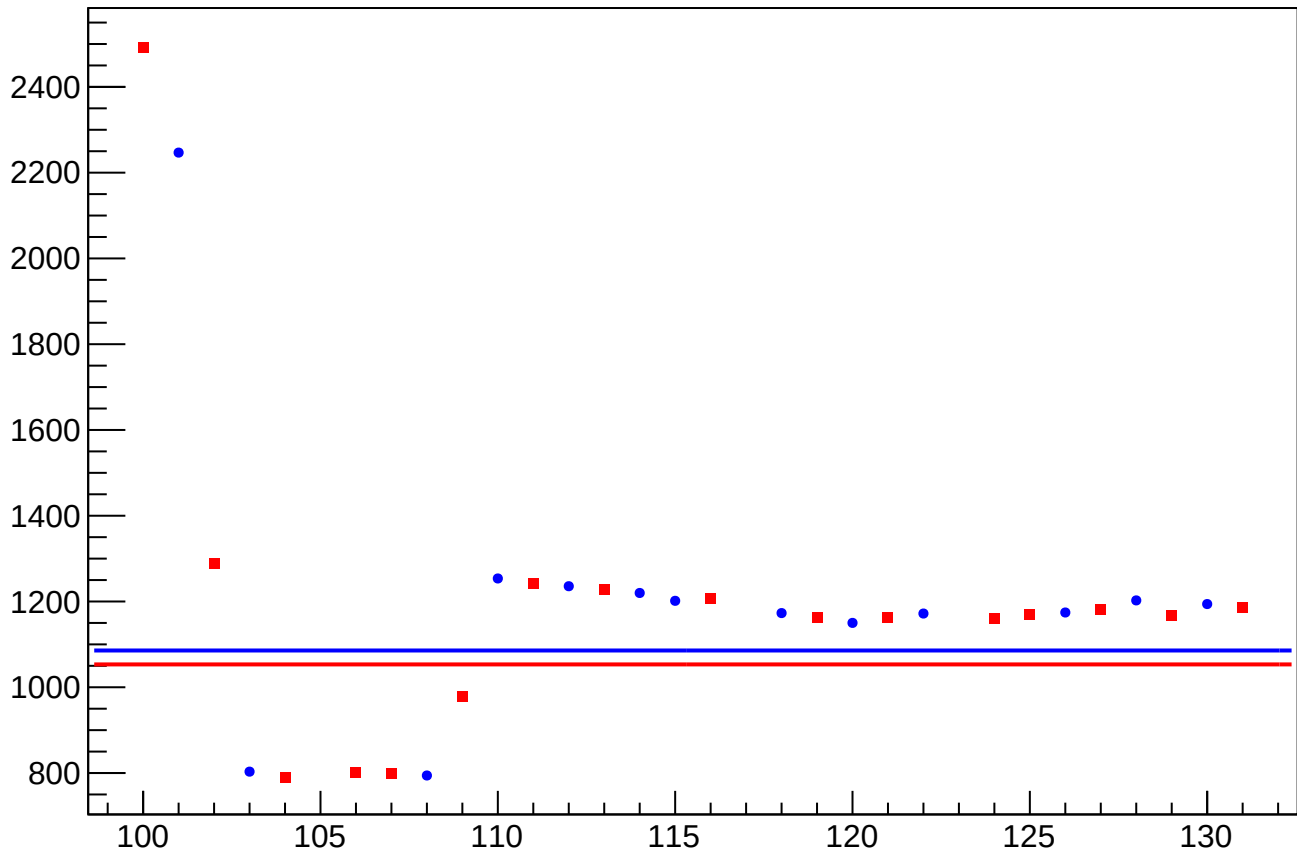
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -155.909+/-321.083 χ^2/NDF : 23.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr2_dd_rms vs Slug



Right In: 1085.745 $\pm$ 0.336 χ^2 /NDF: 676590.2/12

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

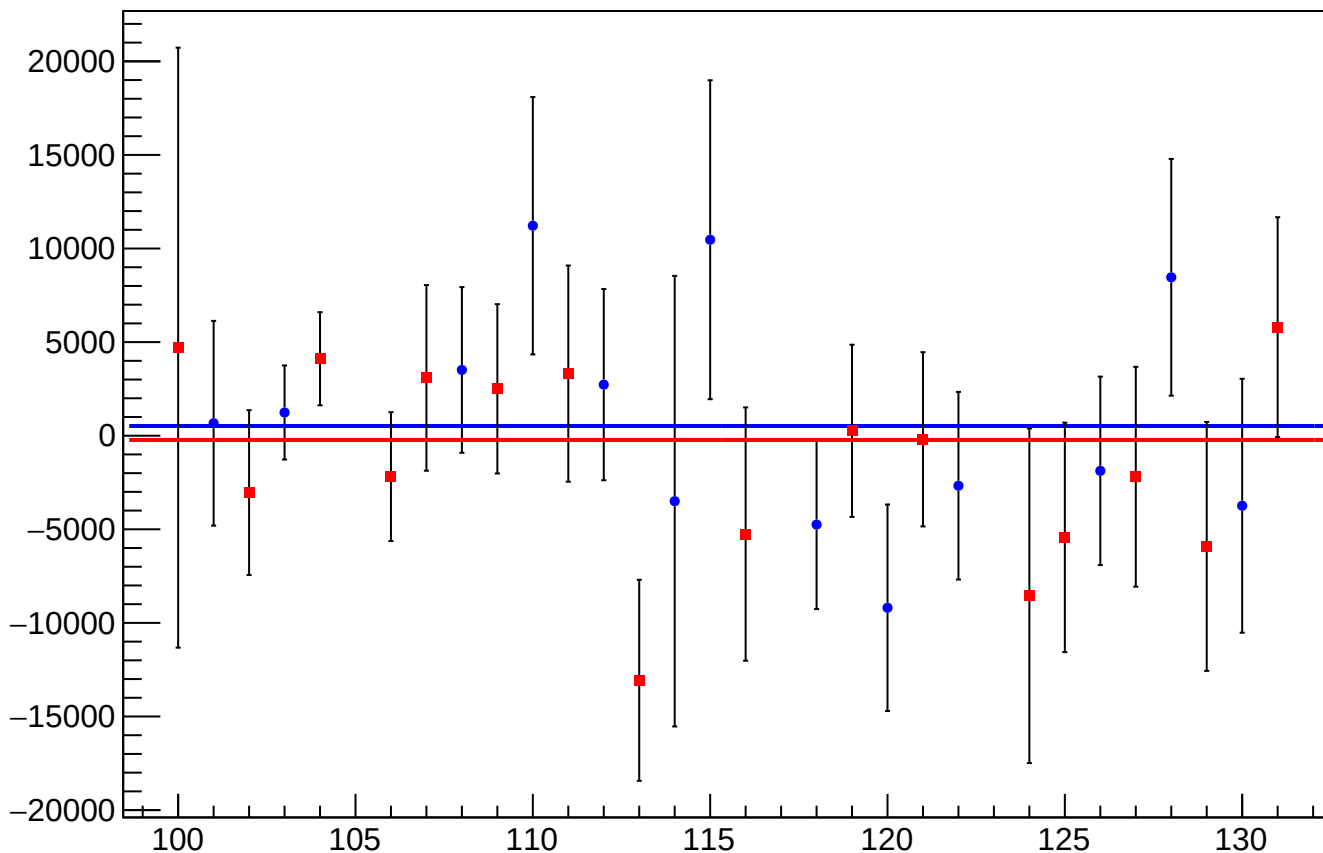
Right Out: 1053.271 $\pm$ 0.307 χ^2 /NDF: 408808.4/15

All: 1068.022 $\pm$ 0.227 χ^2 /NDF: 1090482.3/28

- 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_dd_eigen_cor_correction_mean vs Slug



Right In: 518.190 $\pm$ 1372.268 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -226.052 $\pm$ 1203.288 χ^2 /NDF: 14.8/15

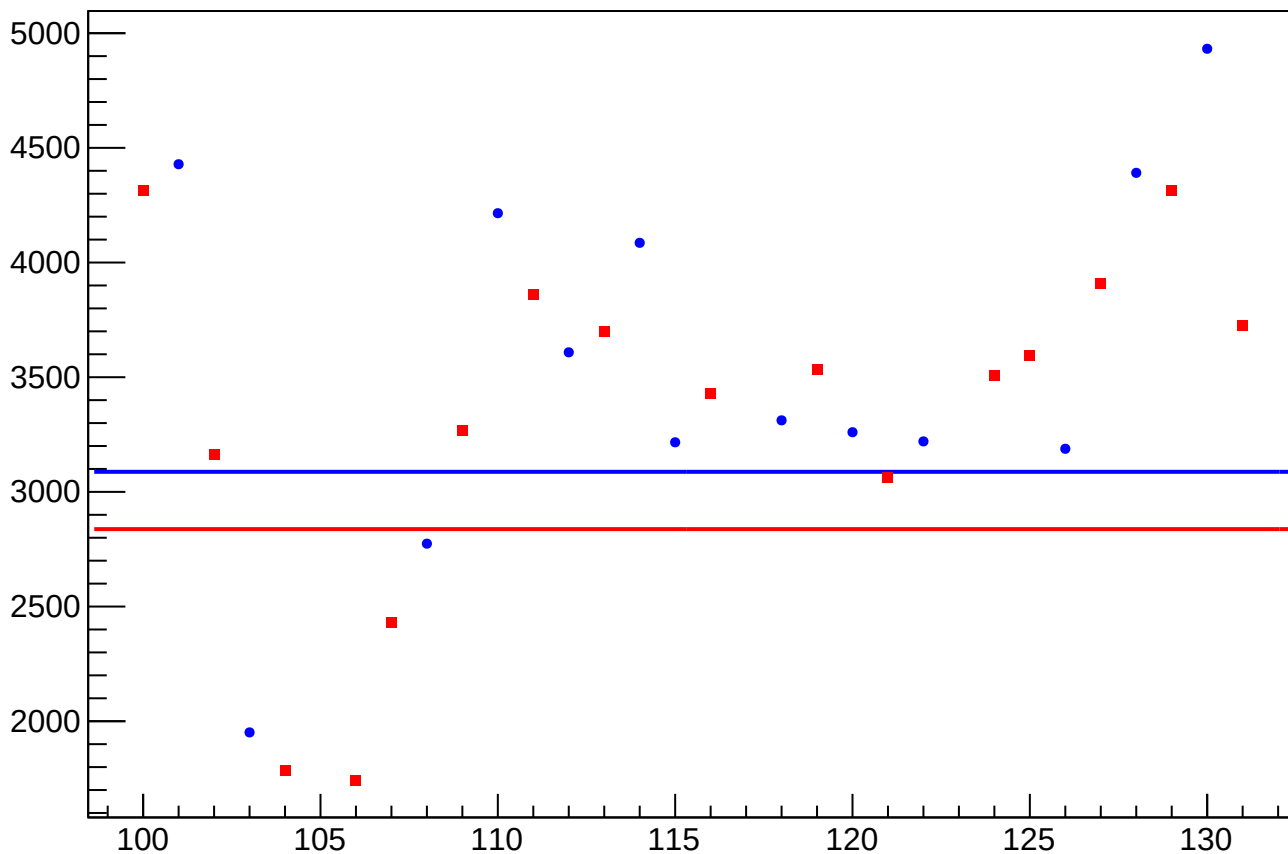
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 97.449 $\pm$ 904.732 χ^2 /NDF: 26.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_cor_correction_rms vs Slug



Right In: 3087.526+/-0.970 χ^2/NDF : 870140.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

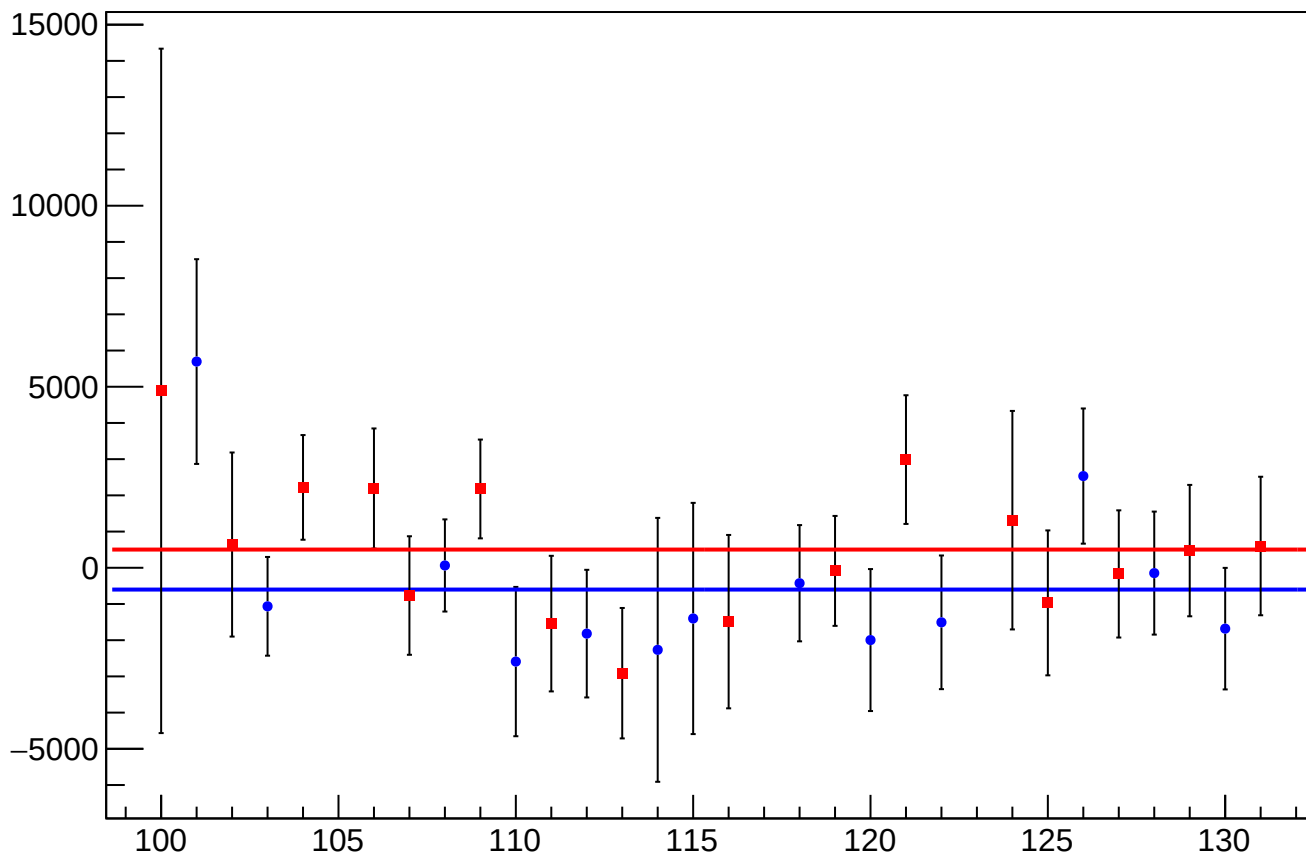
Right Out: 2837.624+/-0.851 χ^2/NDF : 1053256.9/15

All: 2946.249+/-0.640 χ^2/NDF : 1960894.3/28

- 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: -601.626+/-503.748 χ^2/NDF : 11.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 503.126+/-461.409 χ^2/NDF : 13.1/15

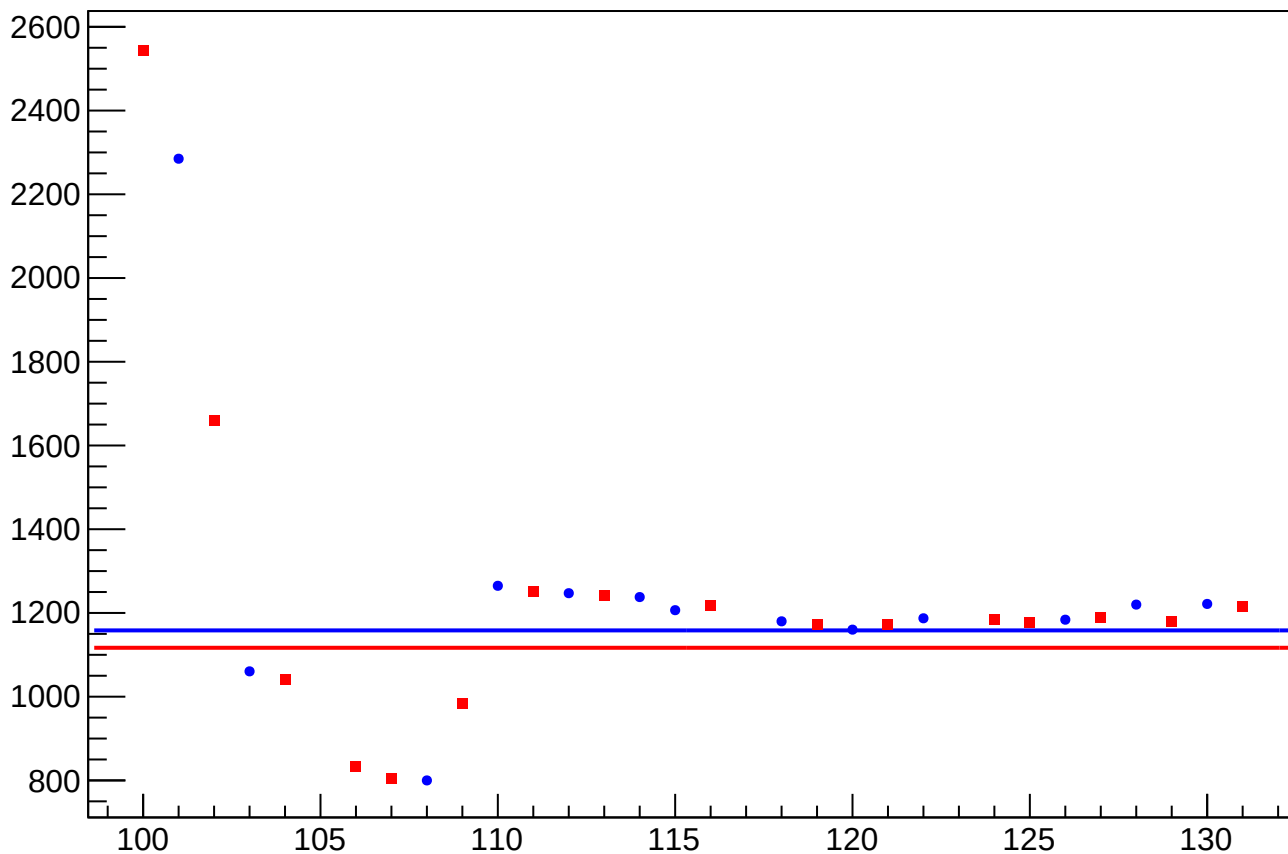
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.881+/-340.250 χ^2/NDF : 26.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr2_dd_rms vs Slug



Right In: 1158.321+/-0.356 χ^2/NDF : 504945.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1116.815+/-0.326 χ^2/NDF : 335366.5/15

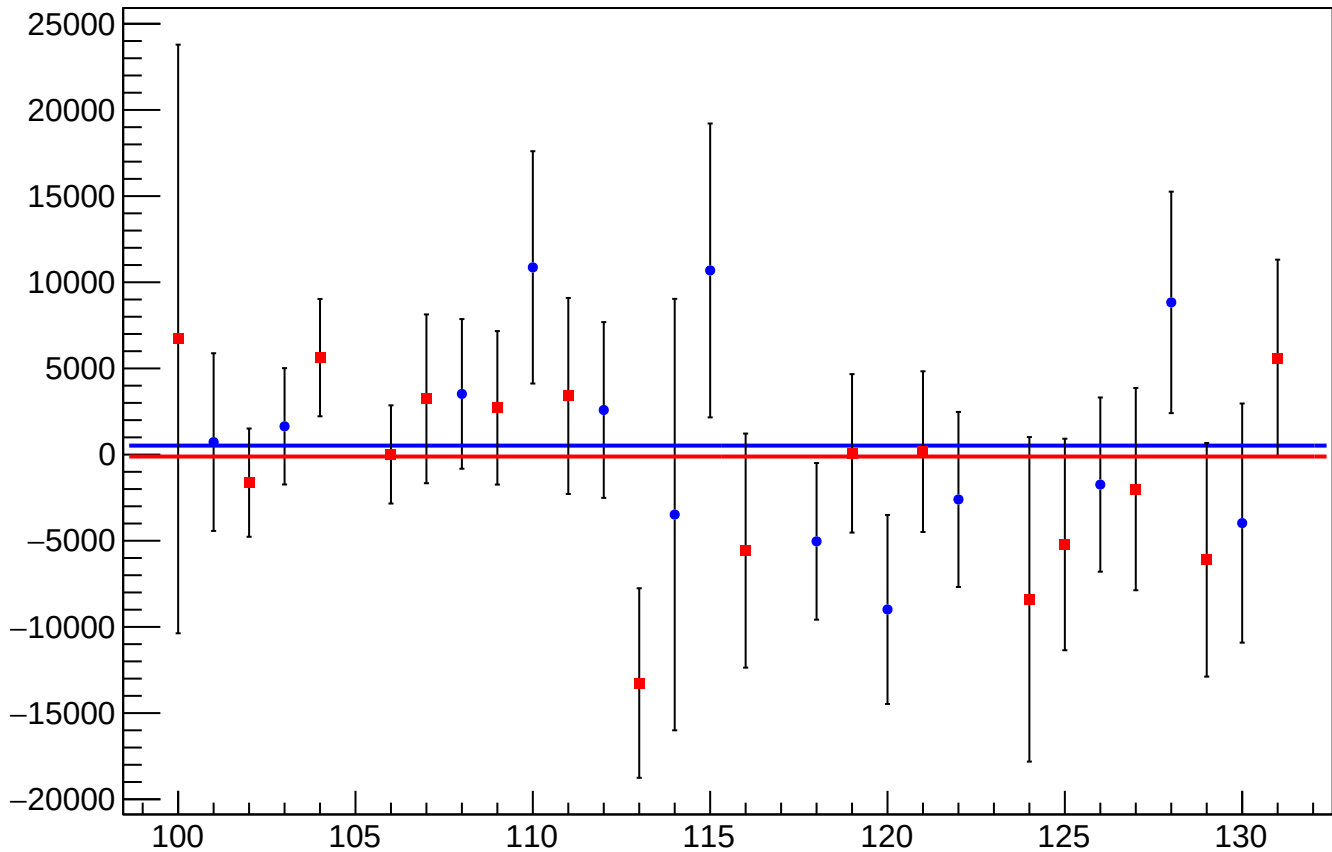
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1135.740+/-0.241 χ^2/NDF : 847699.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_dit_correction_mean vs Slug



Right In: 520.803+/-1468.831 χ^2 /NDF: 11.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -111.935+/-1191.334 χ^2 /NDF: 14.2/15

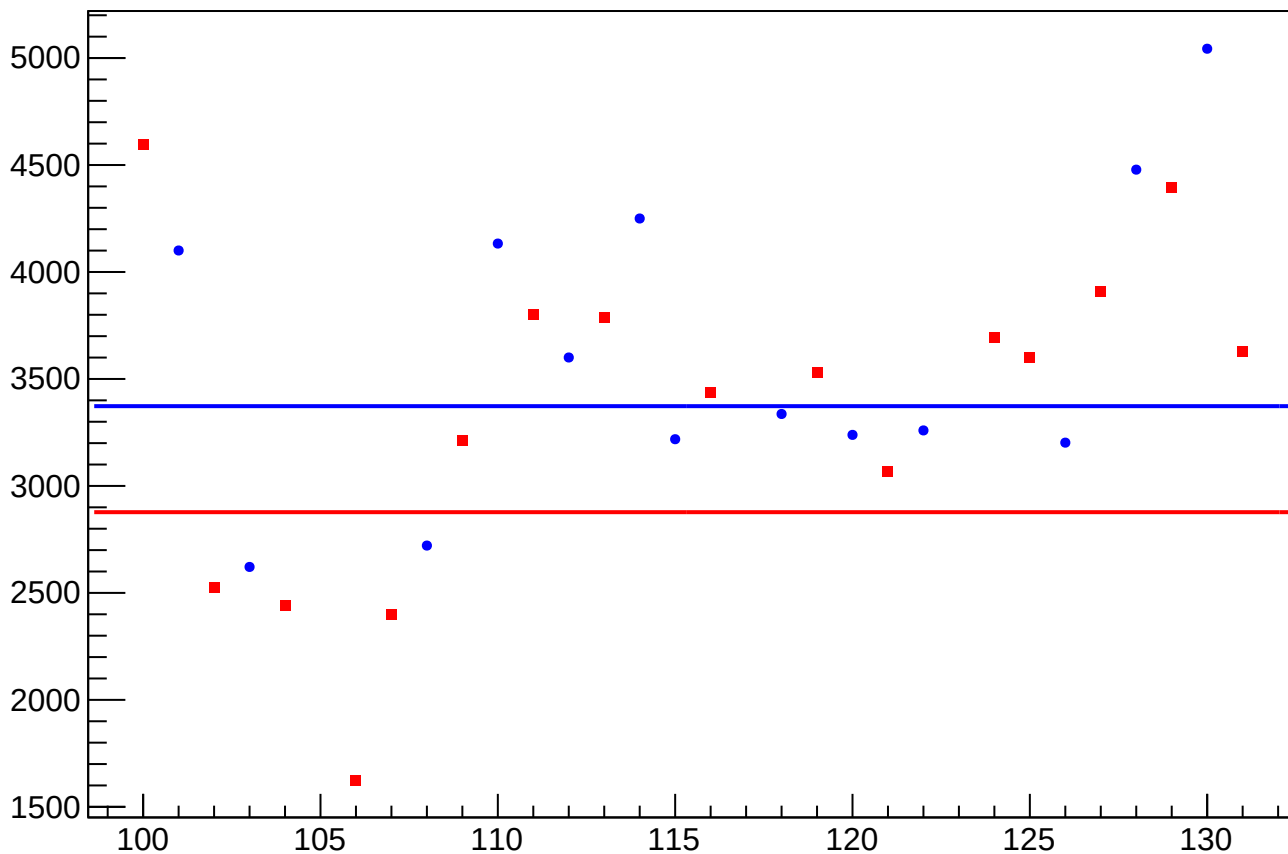
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 139.140+/-925.255 χ^2 /NDF: 26.1/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_dit_correction_rms vs Slug



Right In: 3372.873+/-1.039 χ^2/NDF : 403595.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2877.328+/-0.842 χ^2/NDF : 899567.4/15

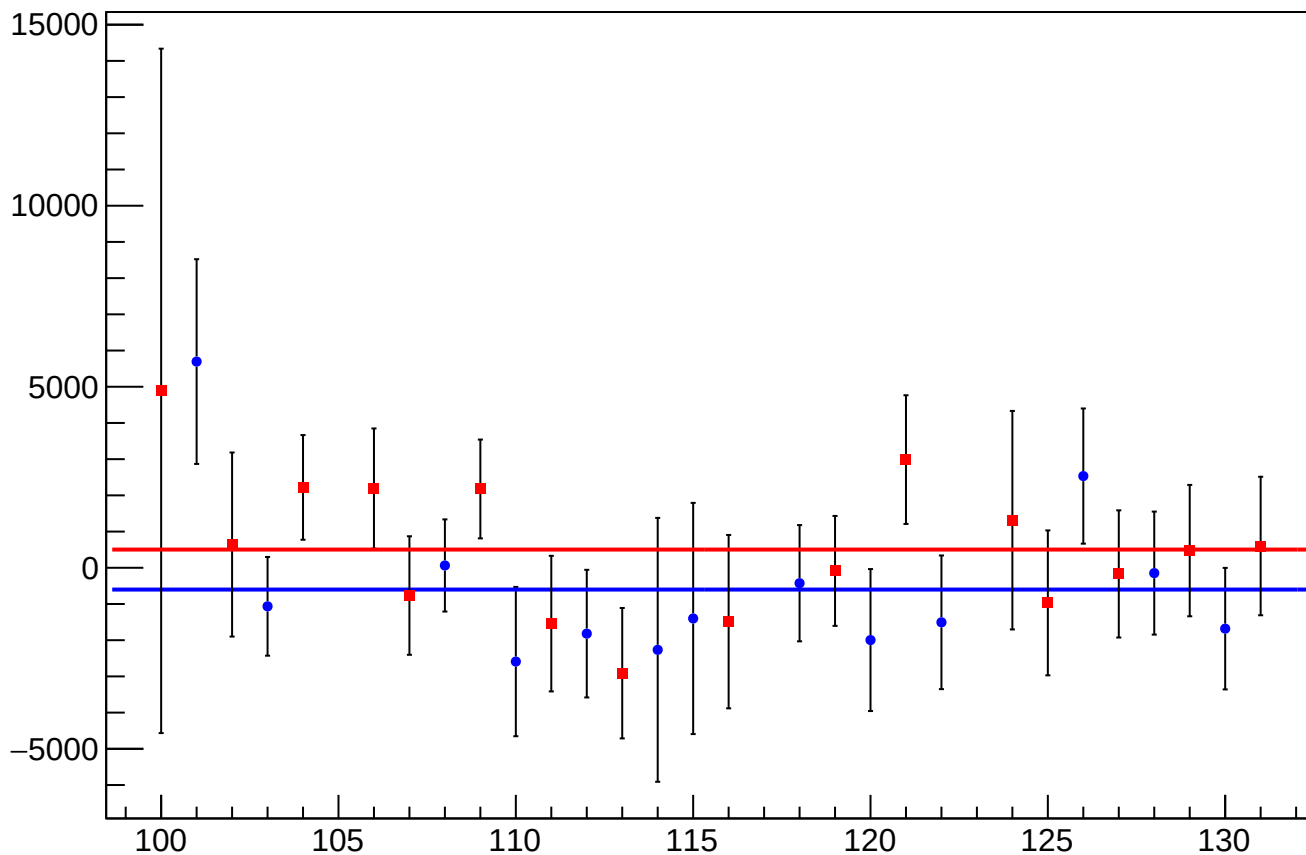
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3073.964+/-0.654 χ^2/NDF : 1440475.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr2_dd_mean vs Slug



Right In: -601.625+/-503.748 χ^2/NDF : 11.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 503.131+/-461.409 χ^2/NDF : 13.1/15

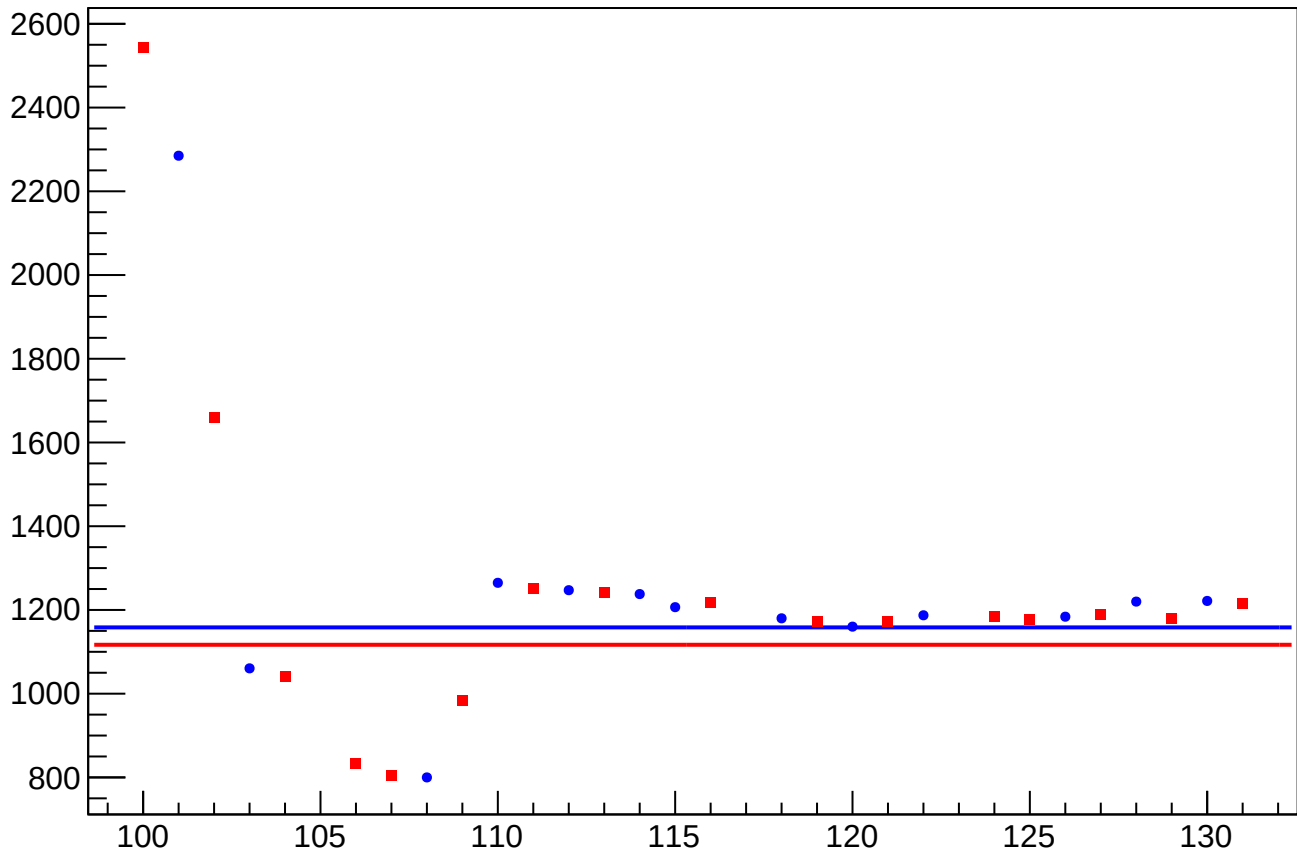
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.878+/-340.250 χ^2/NDF : 26.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr2_dd_rms vs Slug



Right In: 1158.320+/-0.356 χ^2/NDF : 504946.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

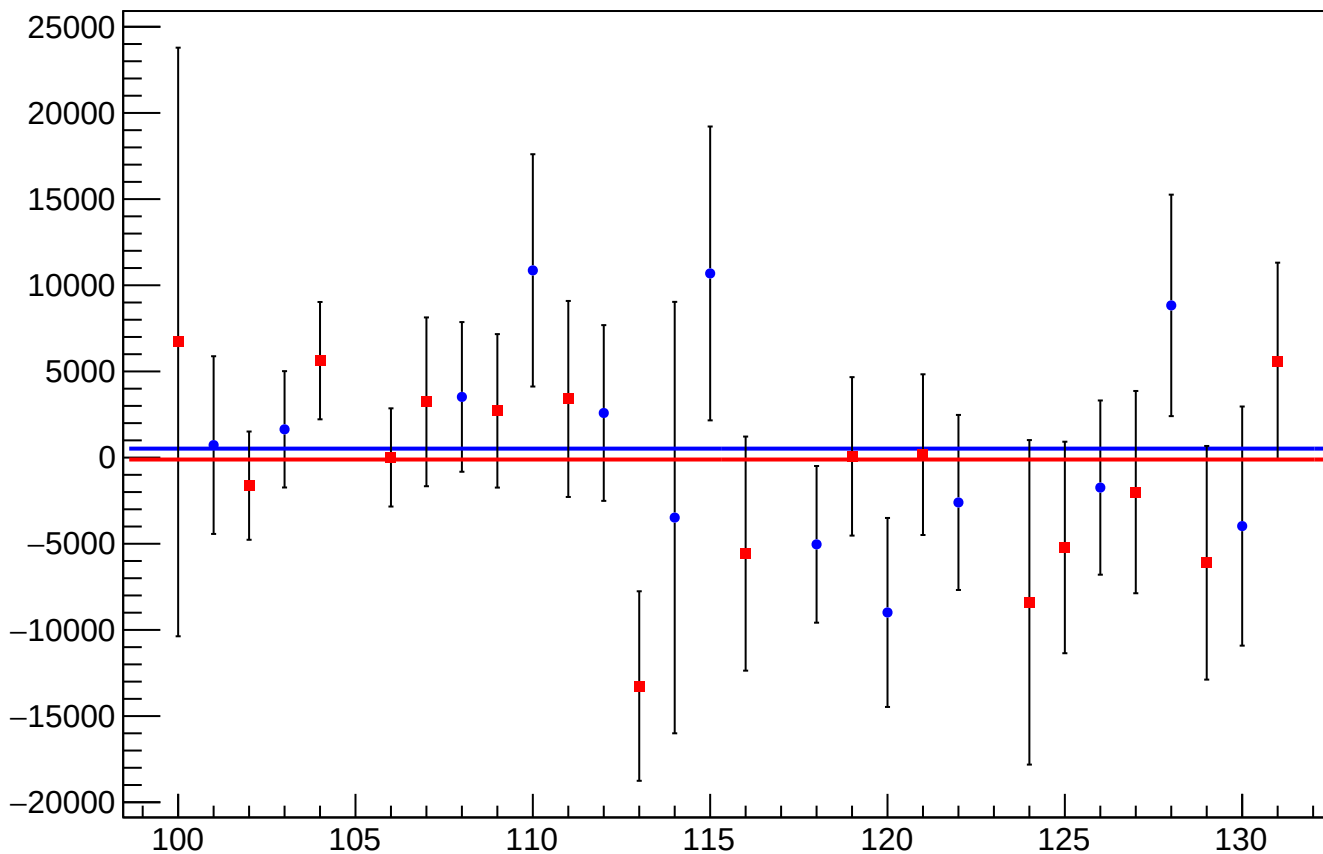
Right Out: 1116.815+/-0.326 χ^2/NDF : 335366.3/15

All: 1135.740+/-0.241 χ^2/NDF : 847698.8/28

- 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_correction_mean vs Slug



Right In: 520.796 $\pm$ 1468.829 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -111.929 $\pm$ 1191.331 χ^2 /NDF: 14.2/15

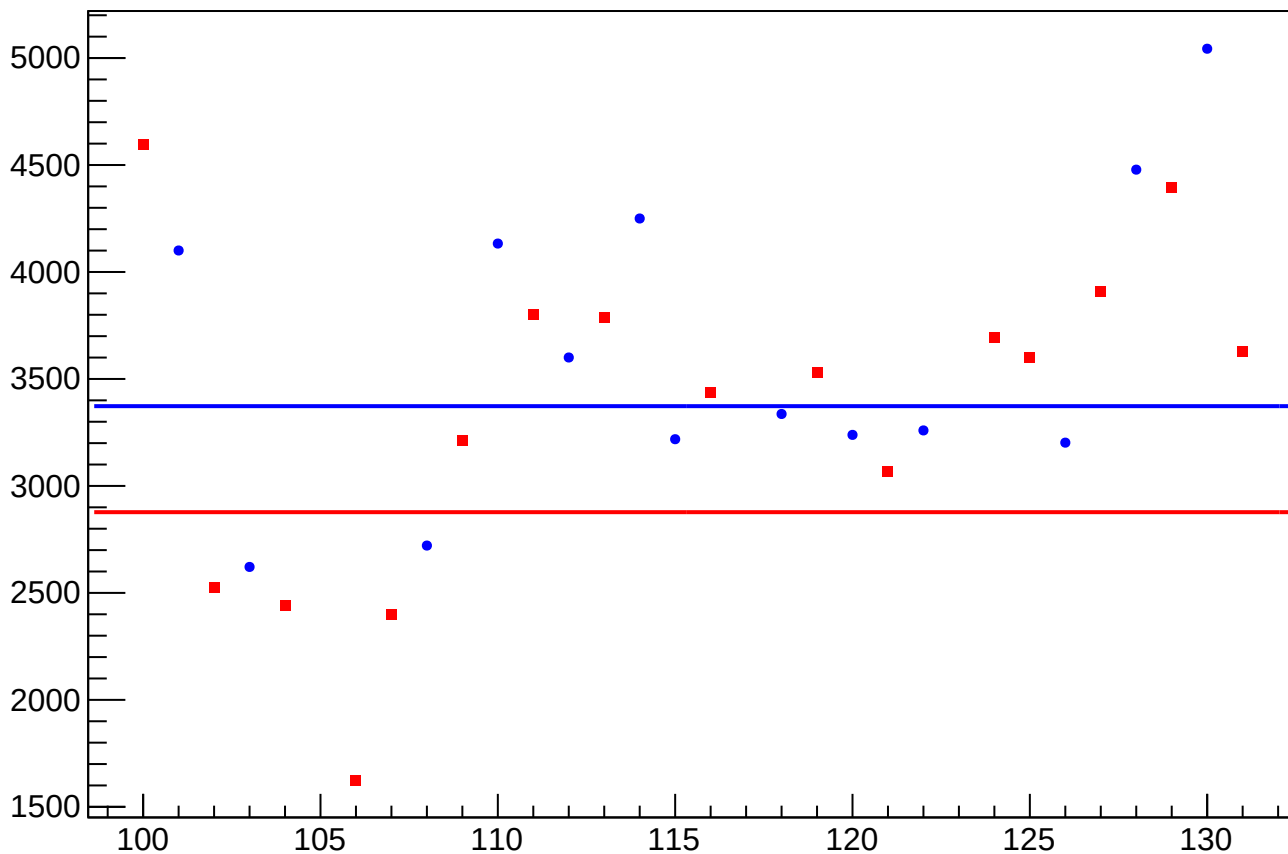
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 139.140 $\pm$ 925.253 χ^2 /NDF: 26.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_dit_correction_rms vs Slug



Right In: 3372.867+/-1.039 χ^2/NDF : 403591.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2877.322+/-0.842 χ^2/NDF : 899566.3/15

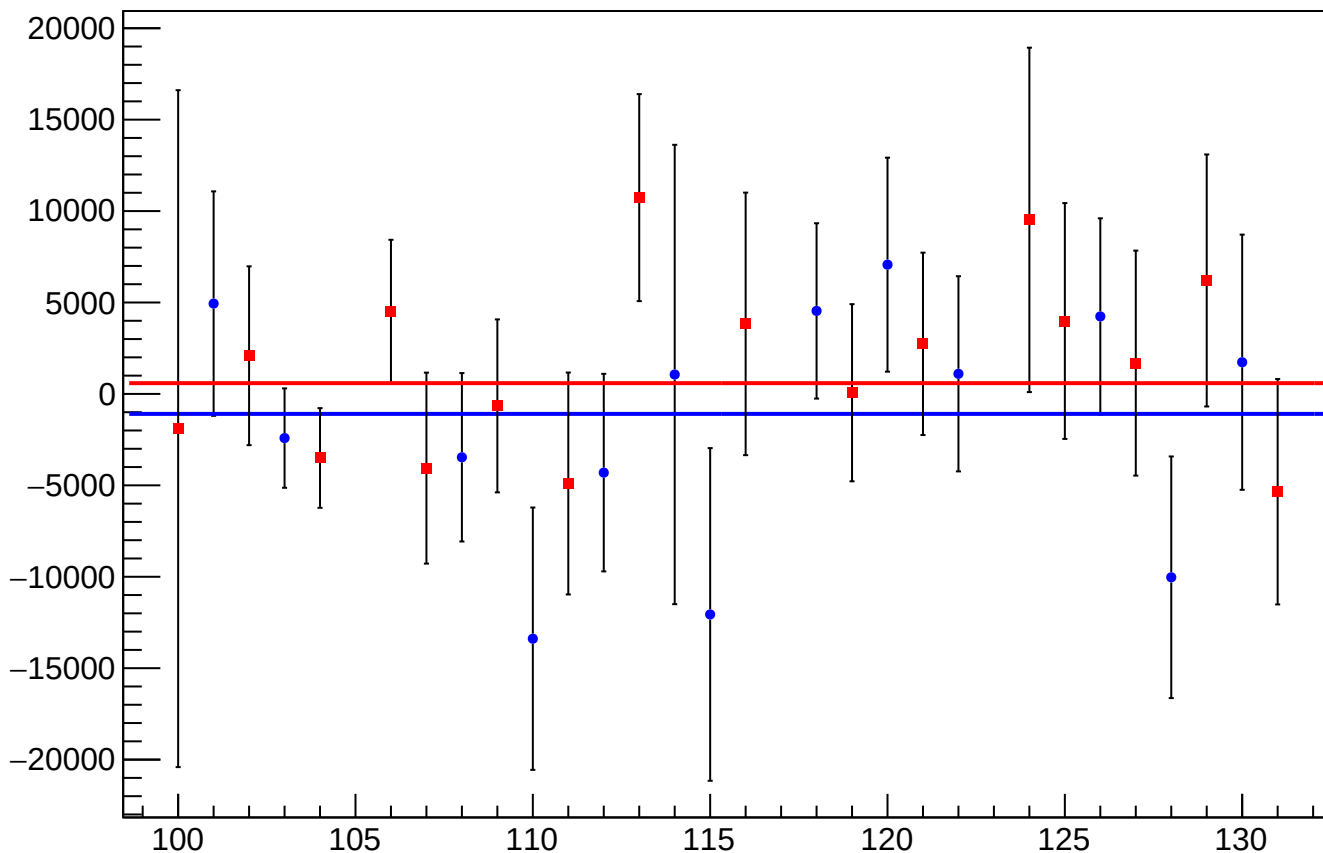
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3073.958+/-0.654 χ^2/NDF : 1440469.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_mean vs Slug



Right In: -1091.957 ± 1463.081 χ^2/NDF : 12.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 588.204 ± 1296.278 χ^2/NDF : 11.5/15

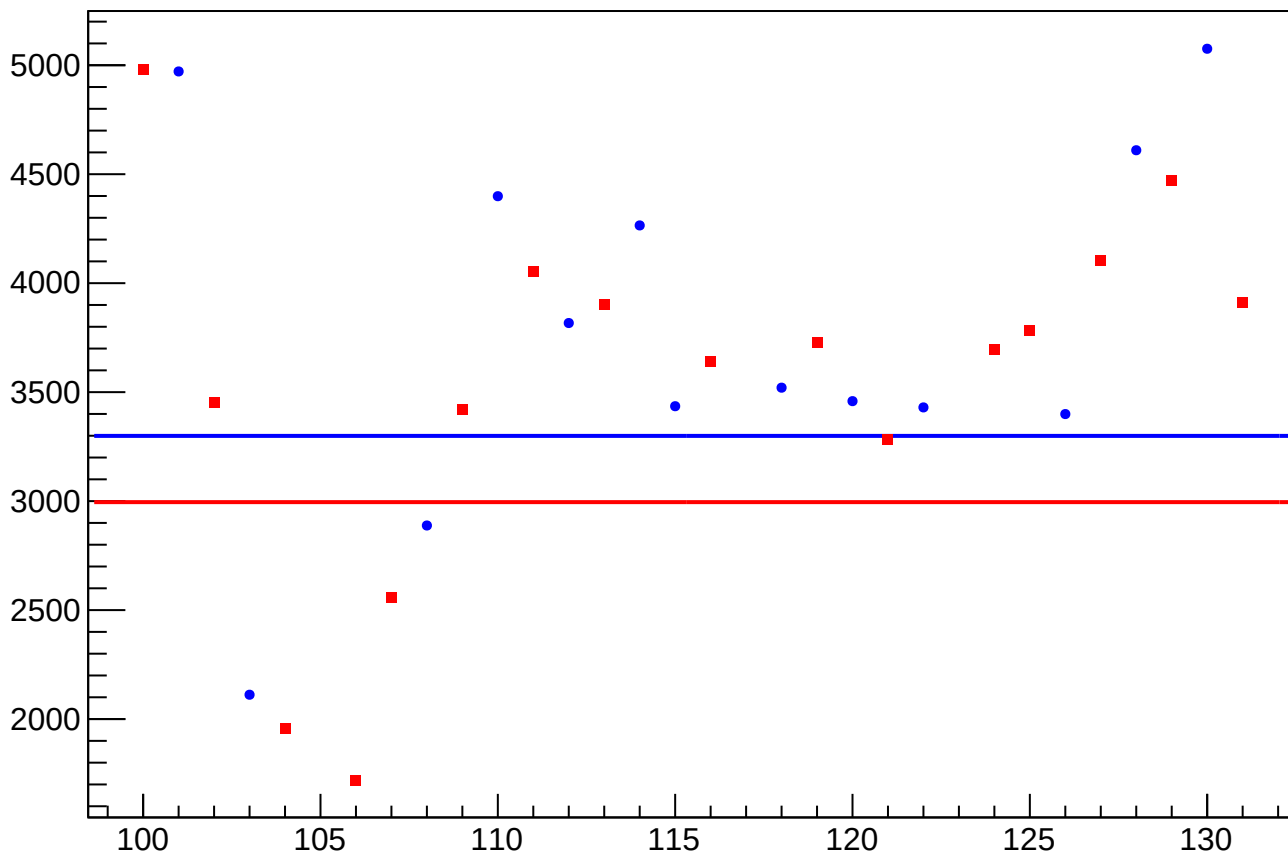
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -150.681 ± 970.245 χ^2/NDF : 24.9/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_rms vs Slug



Right In: 3299.310+/-1.035 χ^2/NDF : 839784.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

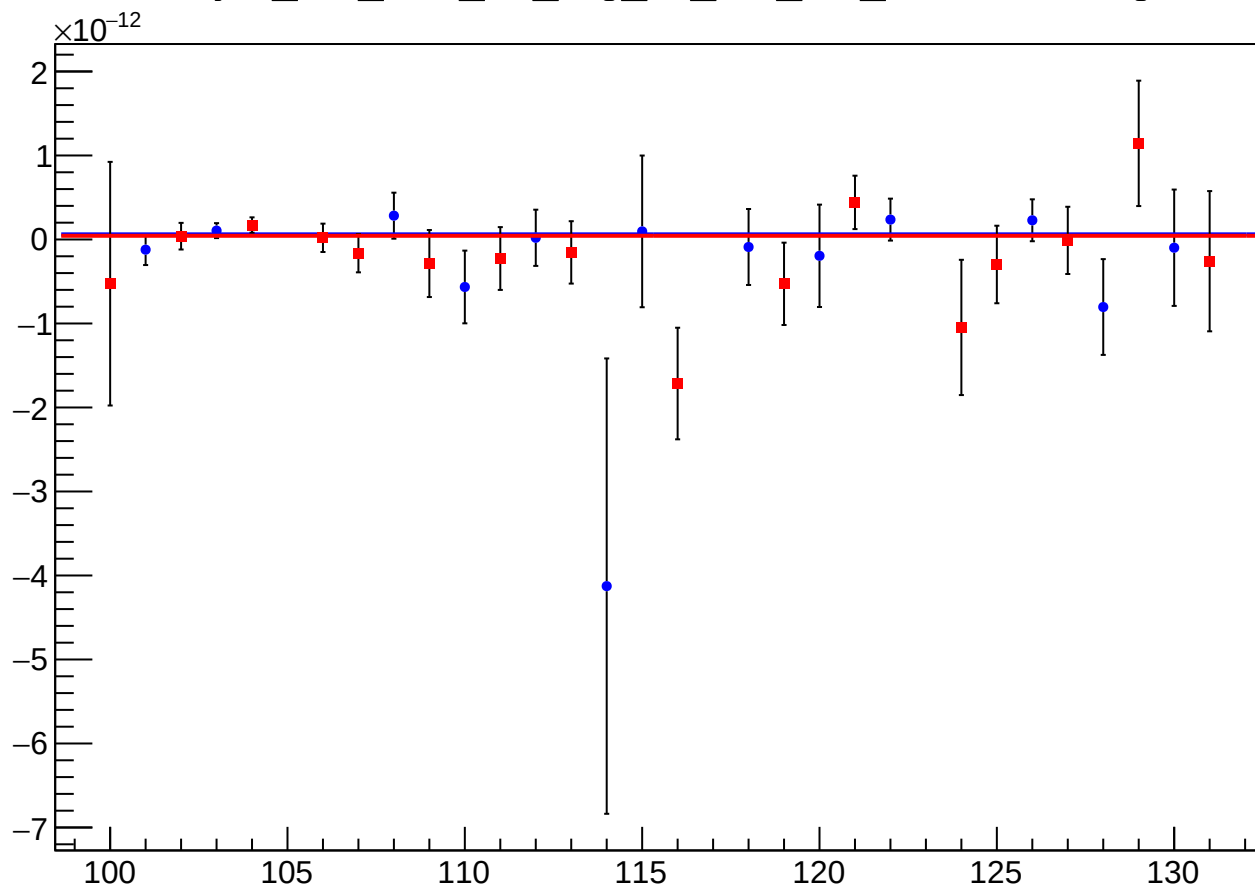
Right Out: 2995.376+/-0.899 χ^2/NDF : 1068544.9/15

All: 3126.214+/-0.679 χ^2/NDF : 1957483.9/28

- 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_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 10.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 19.1/15

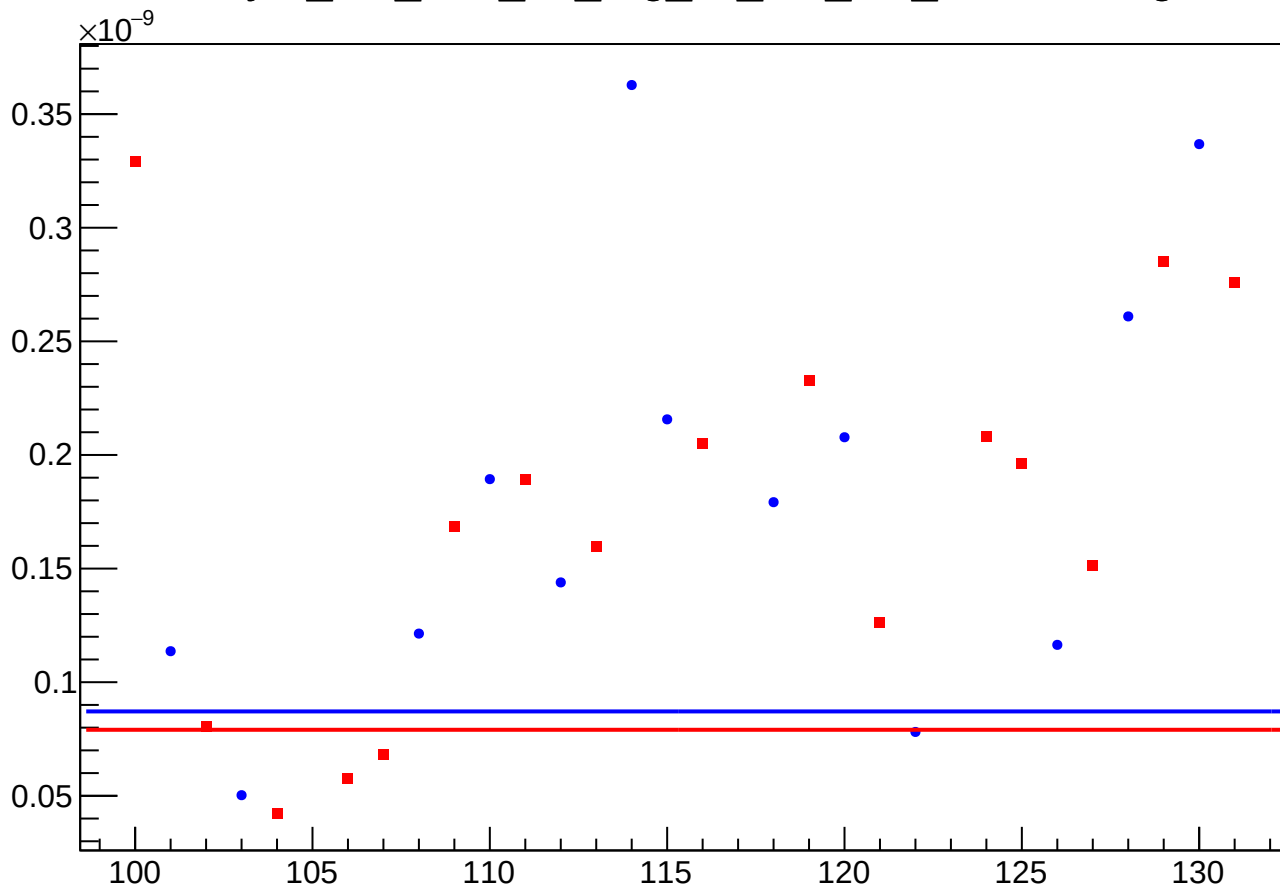
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1284053.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1612920.9/15

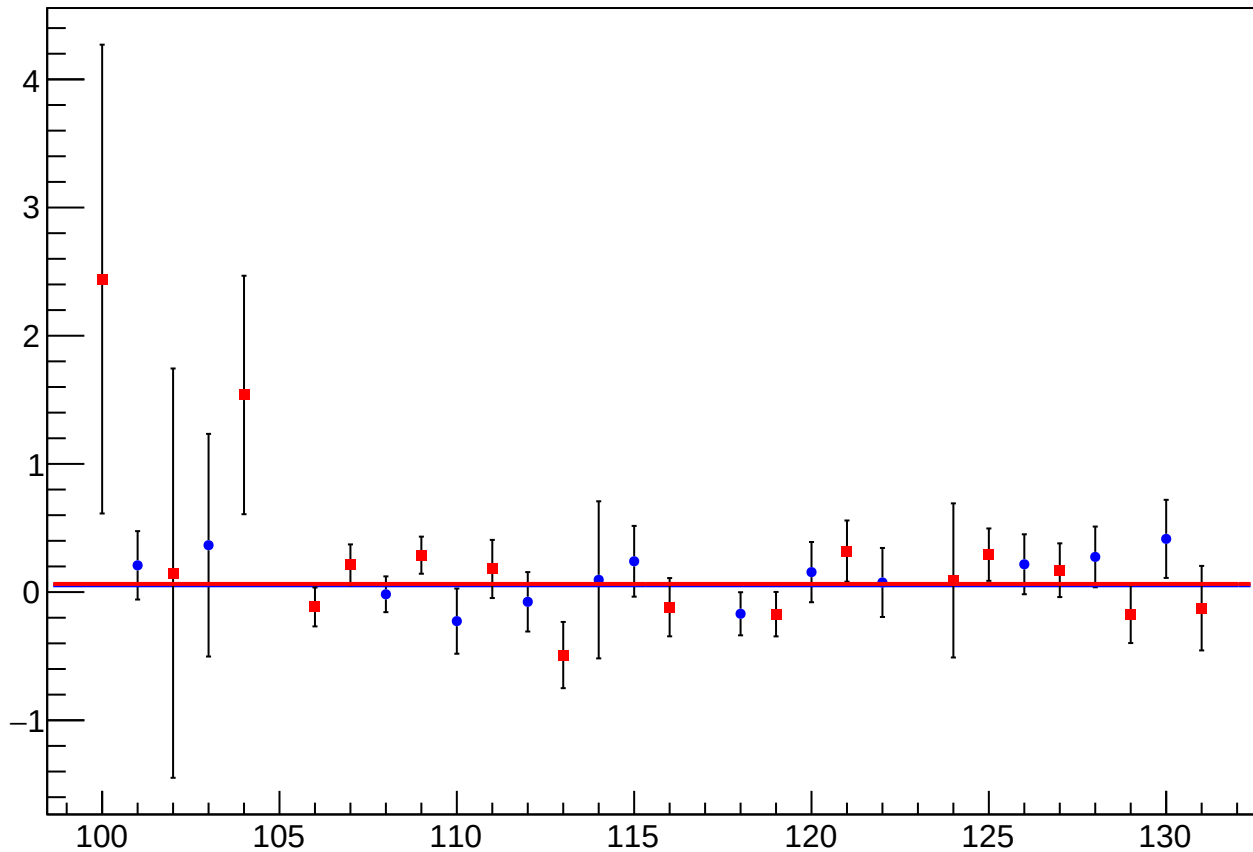
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2913105.7/28

- 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: 0.053+/-0.066 χ^2/NDF : 7.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.064+/-0.056 χ^2/NDF : 20.3/15

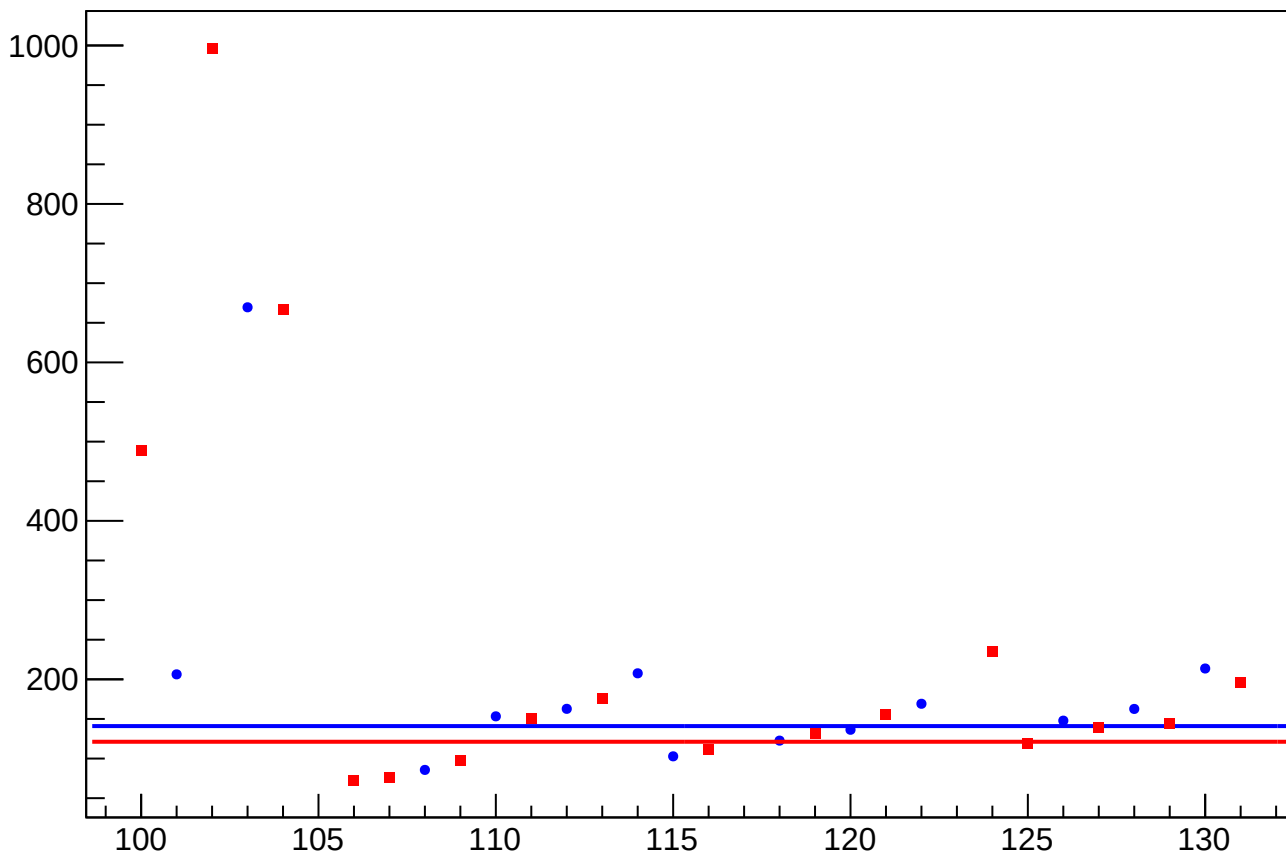
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.059+/-0.043 χ^2/NDF : 27.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 140.983+/-0.047 χ^2/NDF : 1437812.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.201+/-0.040 χ^2/NDF : 2189043.1/15

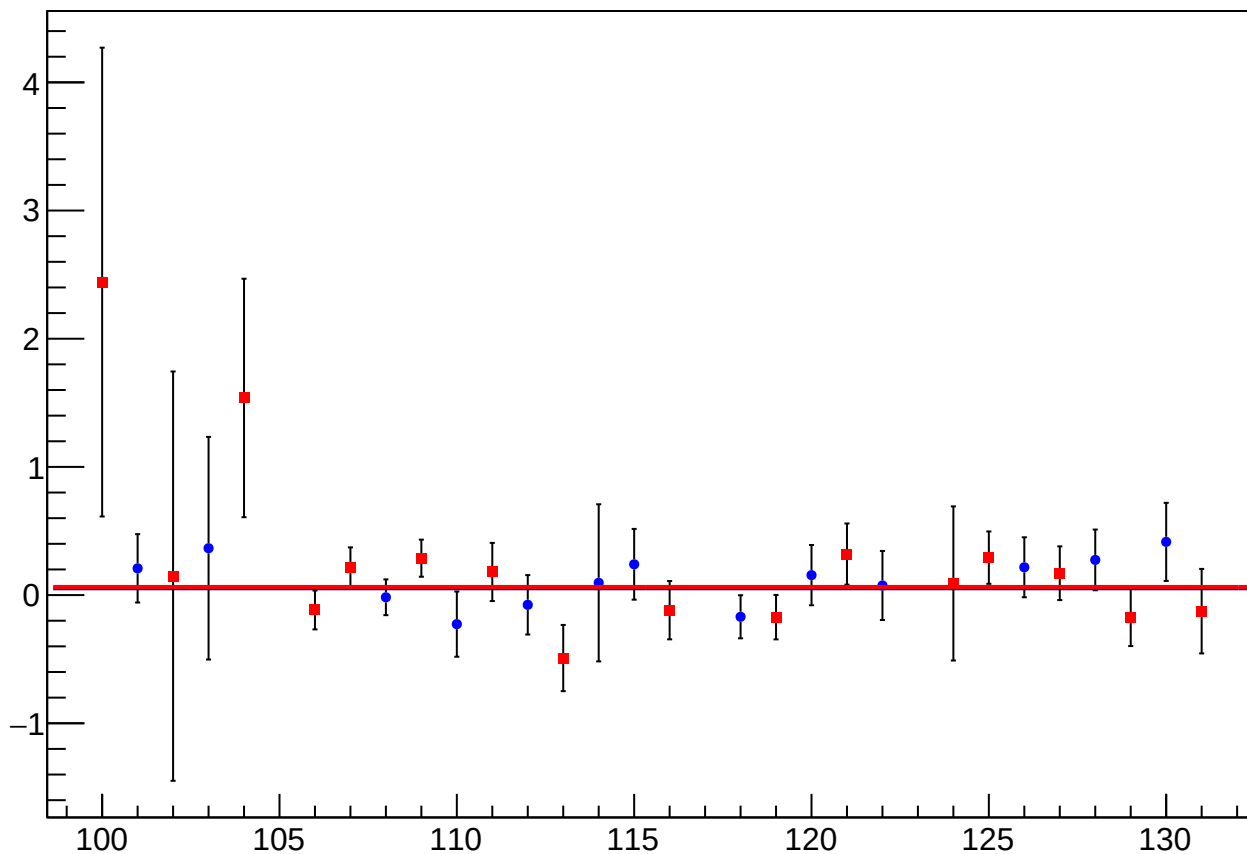
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.558+/-0.030 χ^2/NDF : 3731181.4/28

- 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: 0.053+/-0.066 χ^2/NDF : 7.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.064+/-0.056 χ^2/NDF : 20.3/15

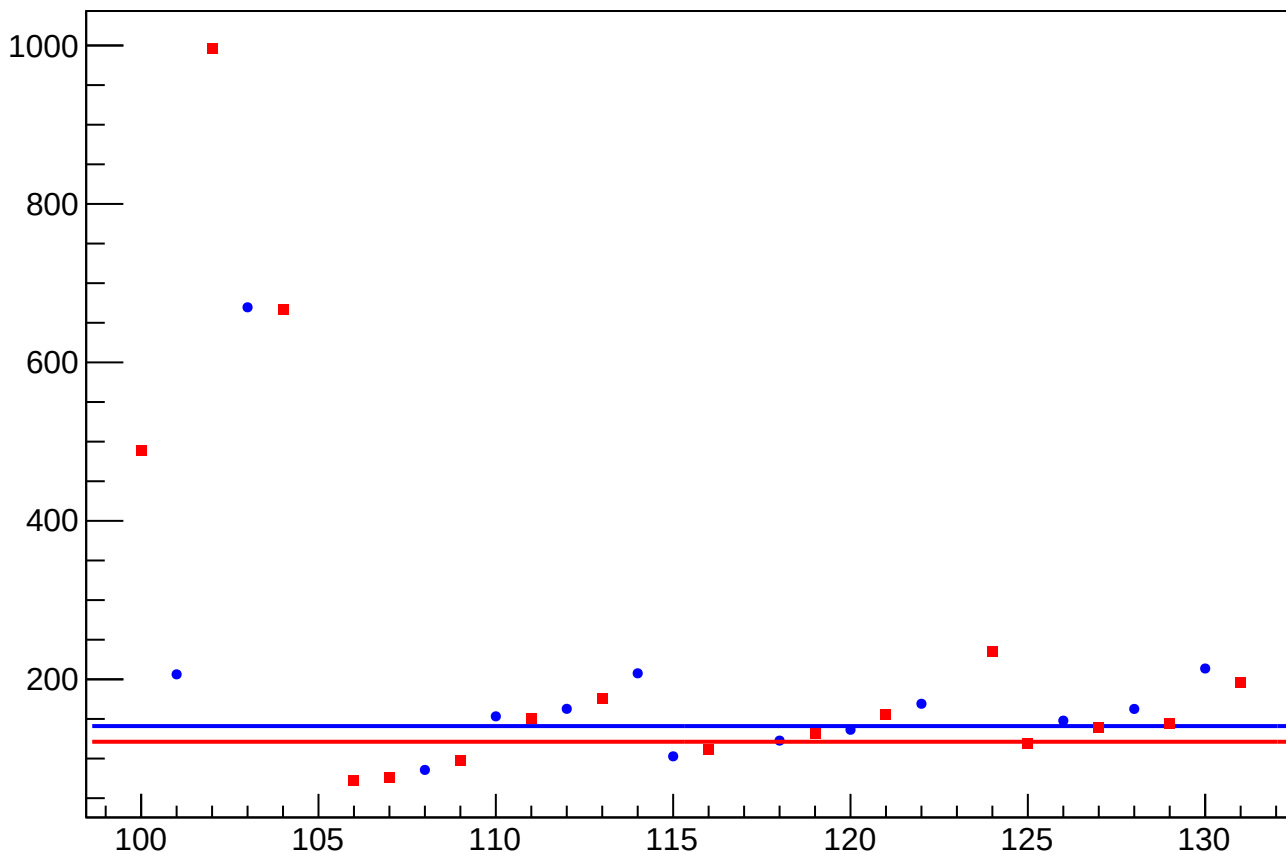
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.059+/-0.043 χ^2/NDF : 27.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 140.983+/-0.047 χ^2/NDF : 1437812.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.201+/-0.040 χ^2/NDF : 2189043.1/15

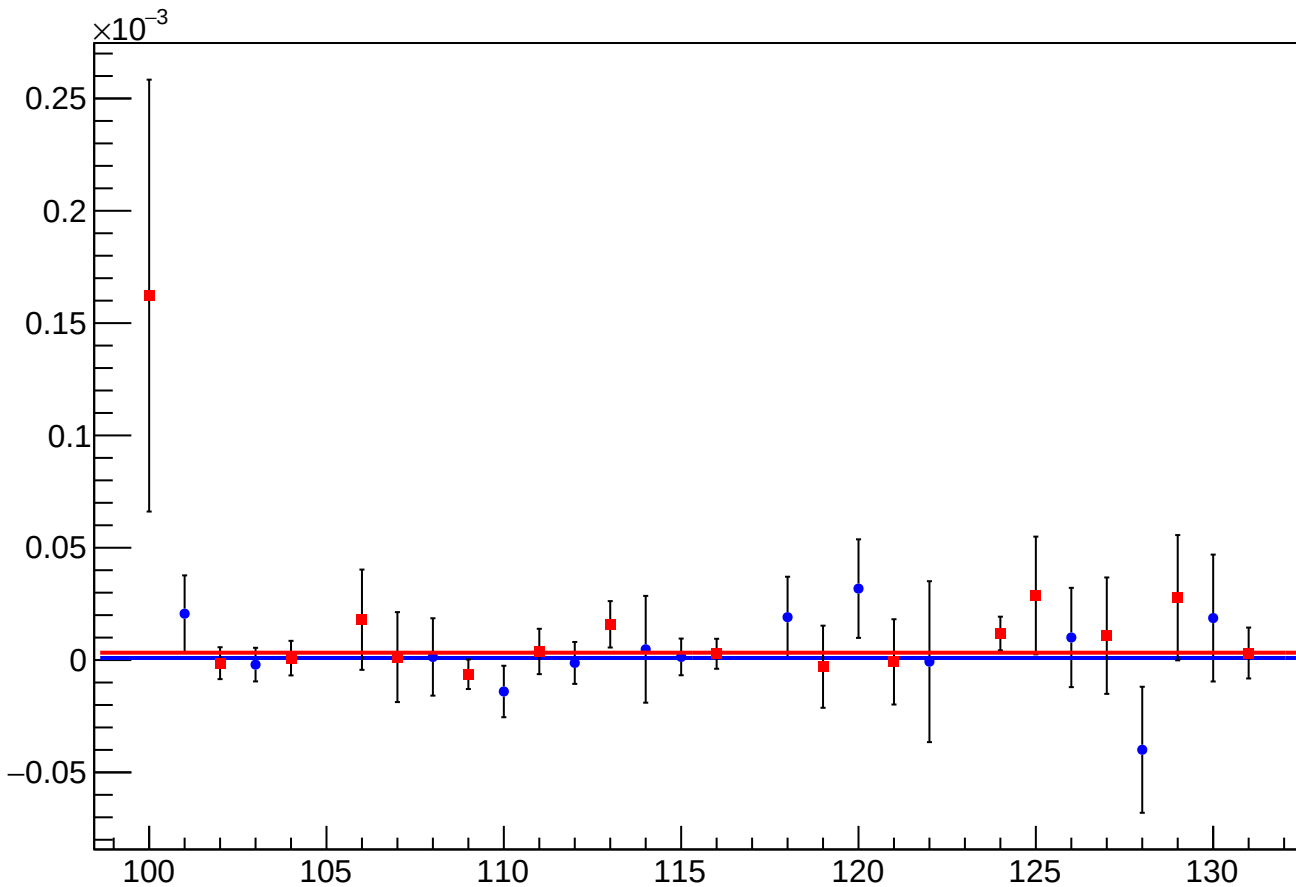
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.558+/-0.030 χ^2/NDF : 3731181.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 9.0/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.6/15

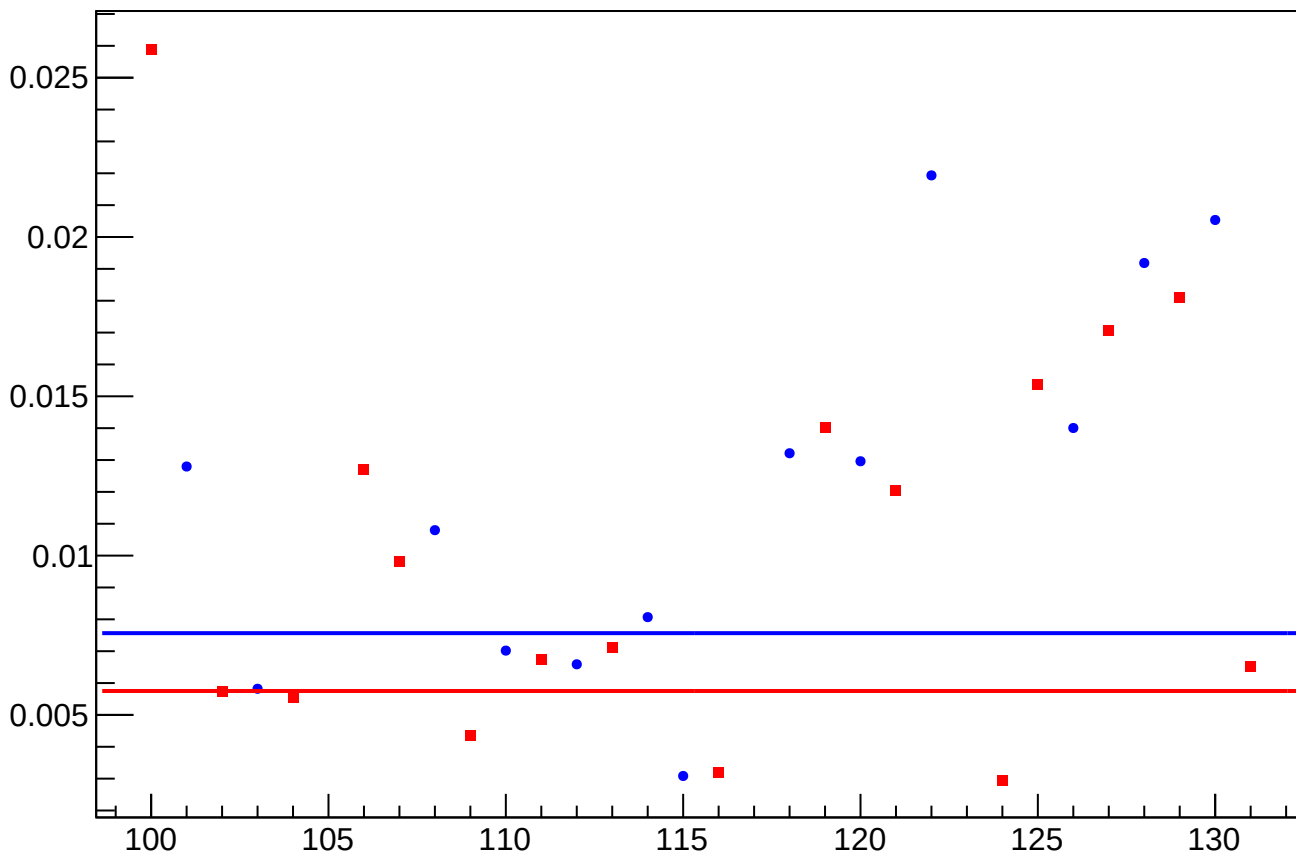
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 2571357.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 2765779.8/15

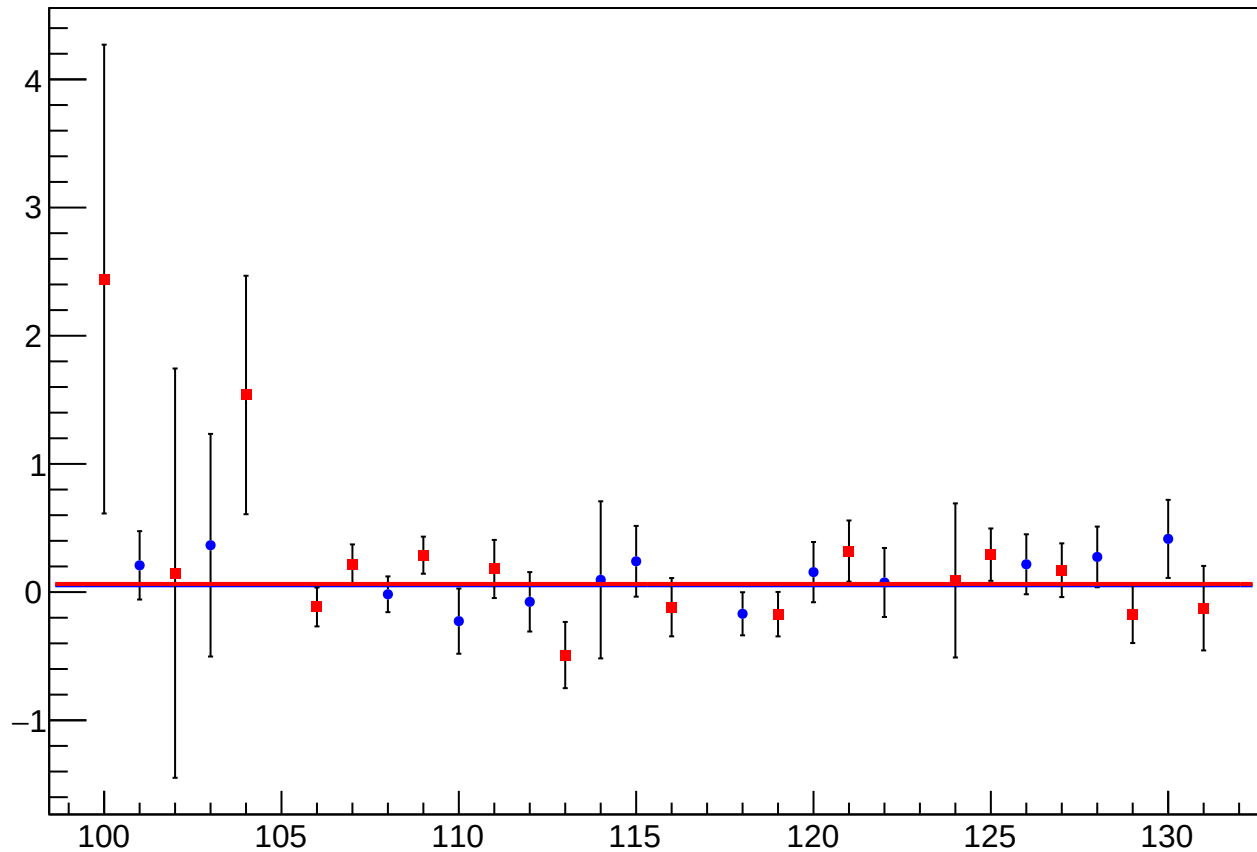
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 5648990.4/28

- 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: 0.053 $\pm$ 0.066 χ^2 /NDF: 7.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.064 $\pm$ 0.056 χ^2 /NDF: 20.3/15

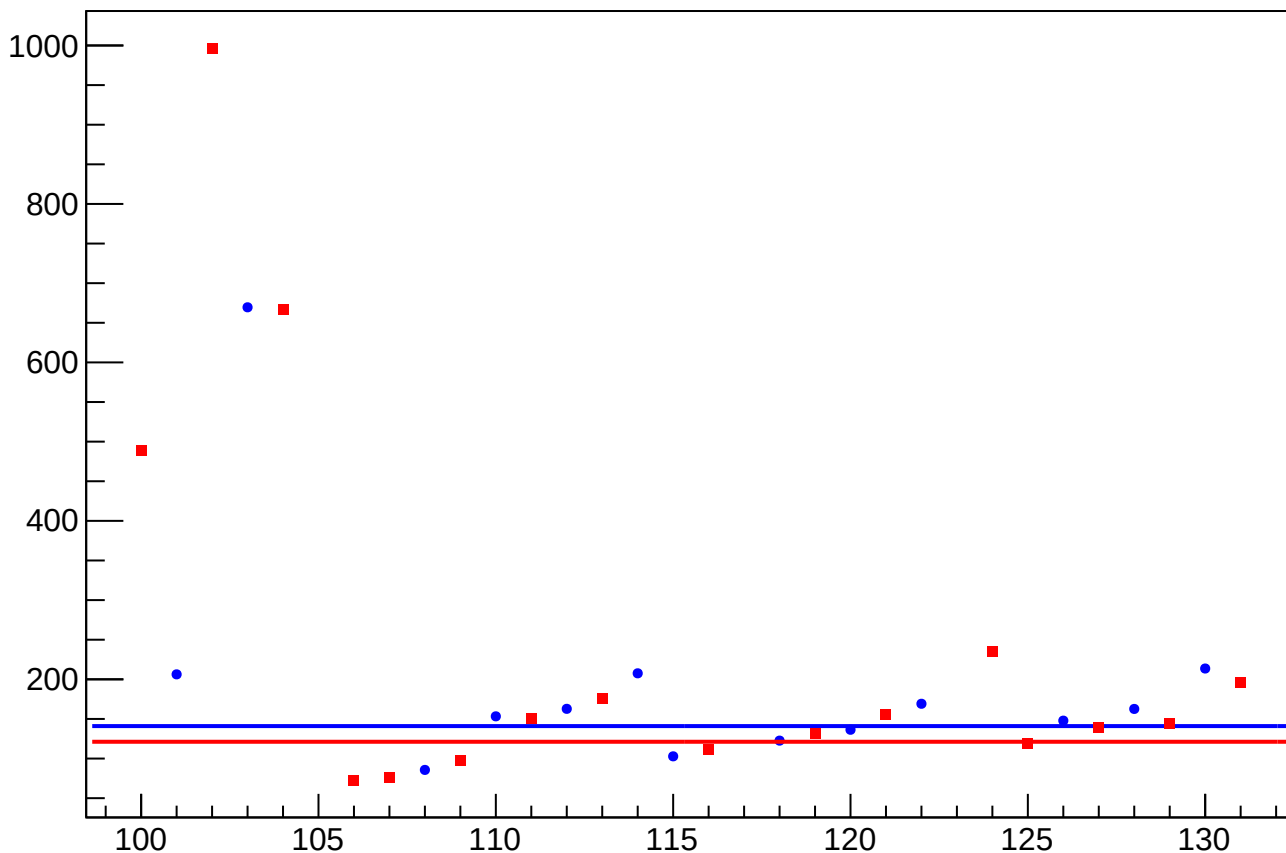
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.059 $\pm$ 0.043 χ^2 /NDF: 27.8/28

- 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: 140.980+/-0.047 χ^2/NDF : 1437854.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.201+/-0.040 χ^2/NDF : 2189023.5/15

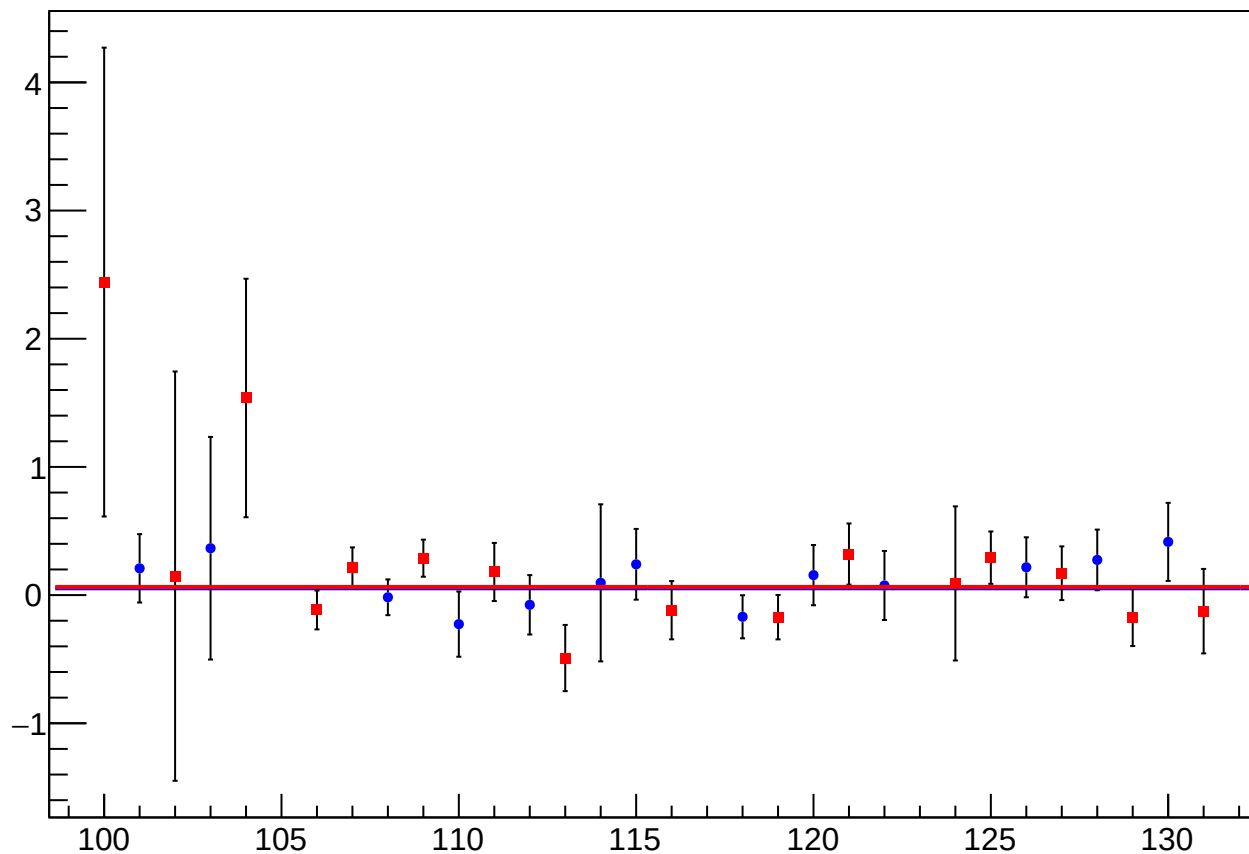
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.557+/-0.030 χ^2/NDF : 3731174.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.053 $\pm$ 0.066 χ^2 /NDF: 7.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.064 $\pm$ 0.056 χ^2 /NDF: 20.3/15

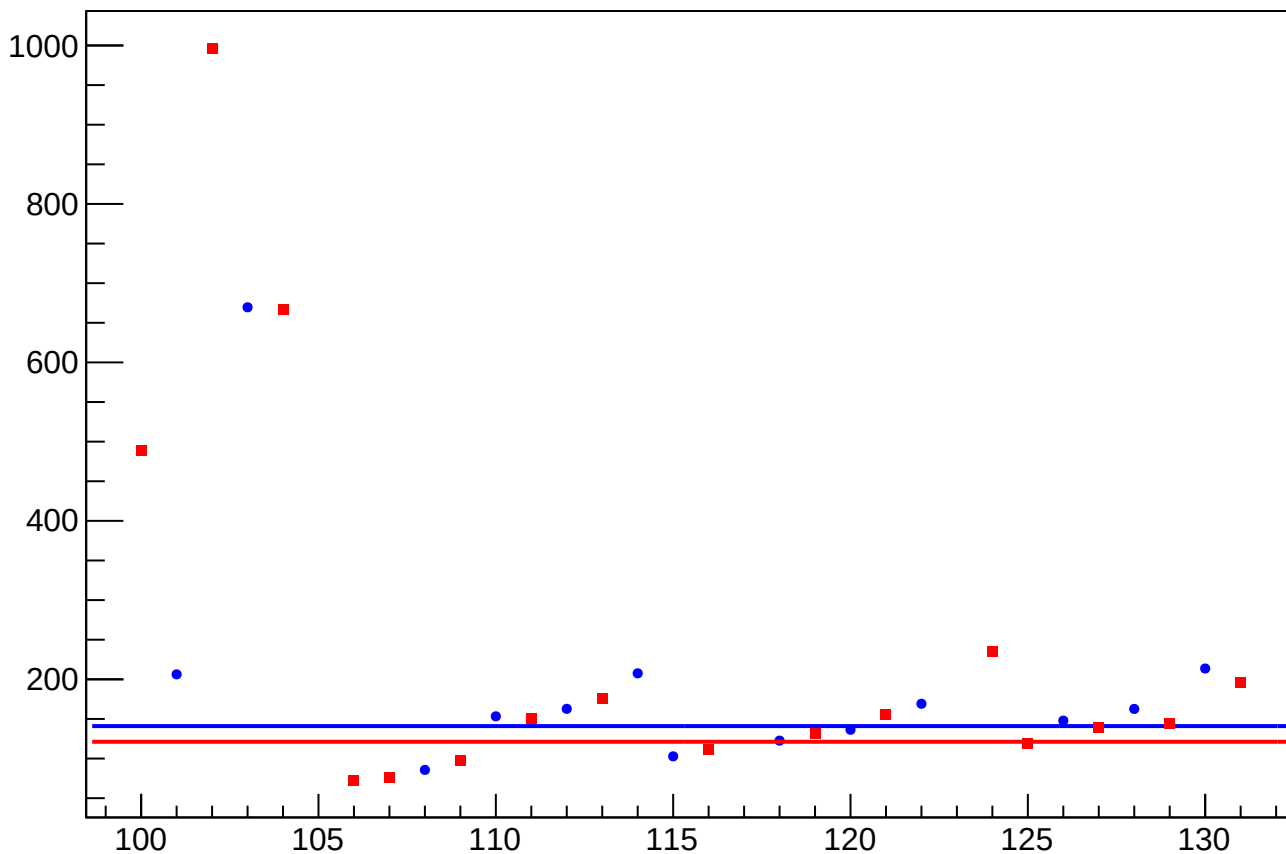
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.059 $\pm$ 0.043 χ^2 /NDF: 27.8/28

- 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: 140.980 $\pm$ 0.047 χ^2 /NDF: 1437854.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 121.201 $\pm$ 0.040 χ^2 /NDF: 2189023.5/15

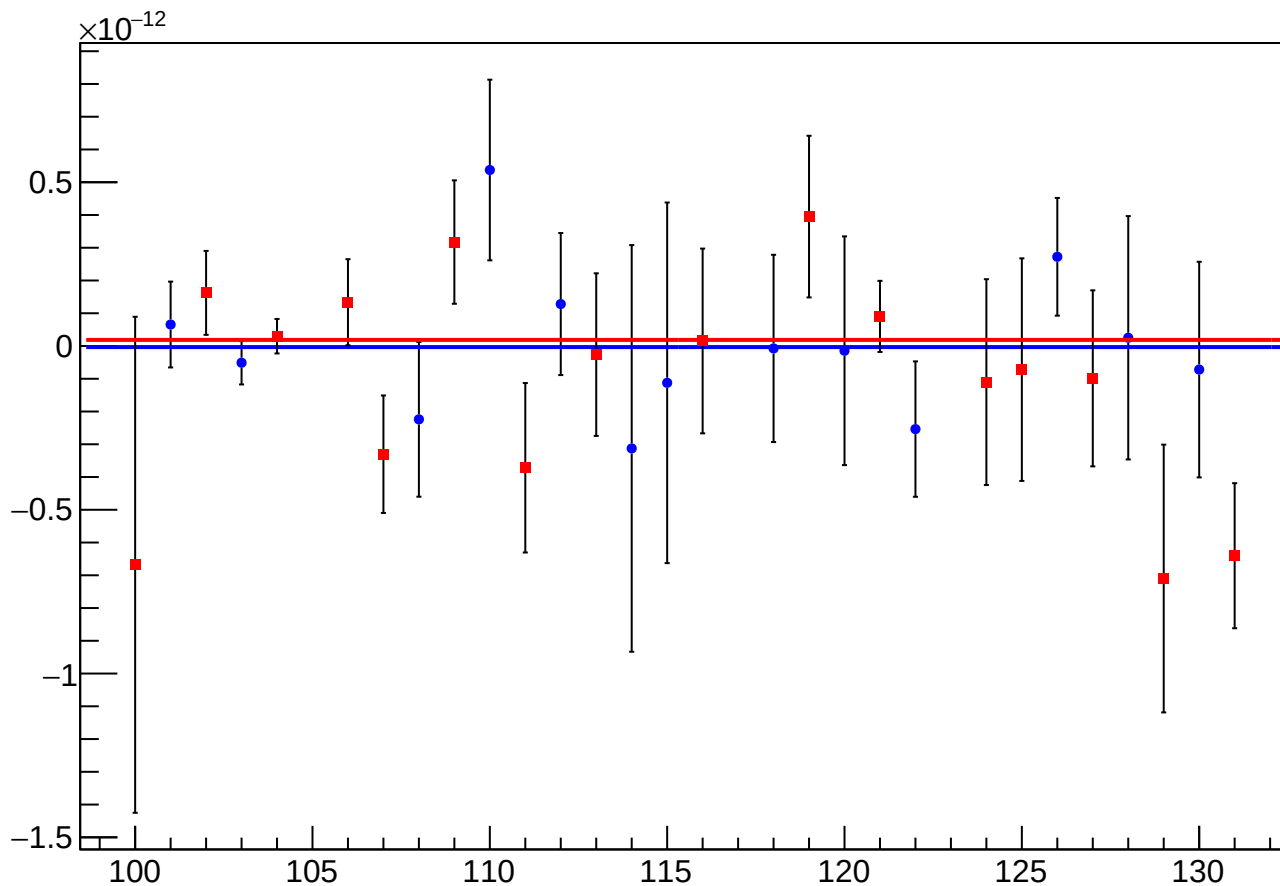
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 129.557 $\pm$ 0.030 χ^2 /NDF: 3731174.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 26.7/15

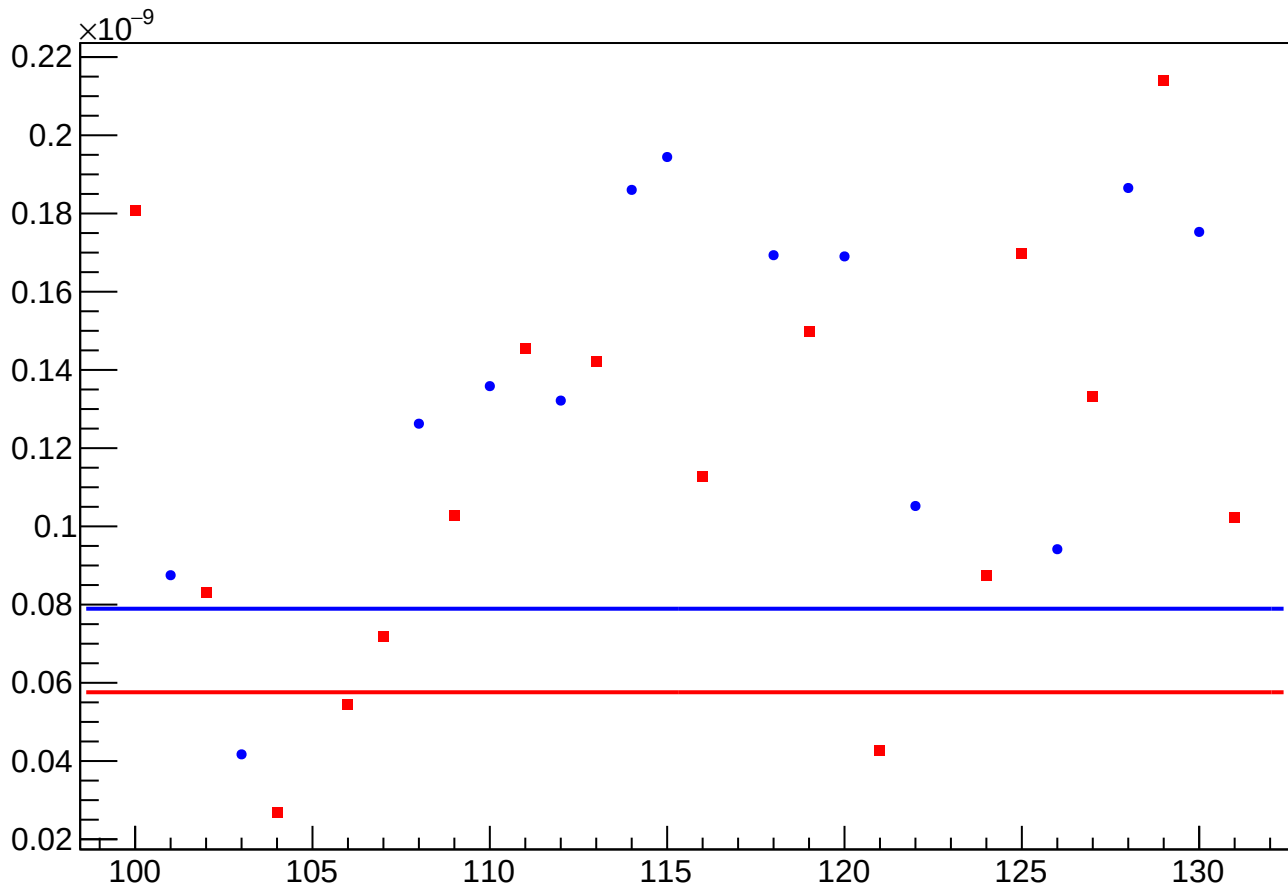
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 36.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 1793054.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 2568131.4/15

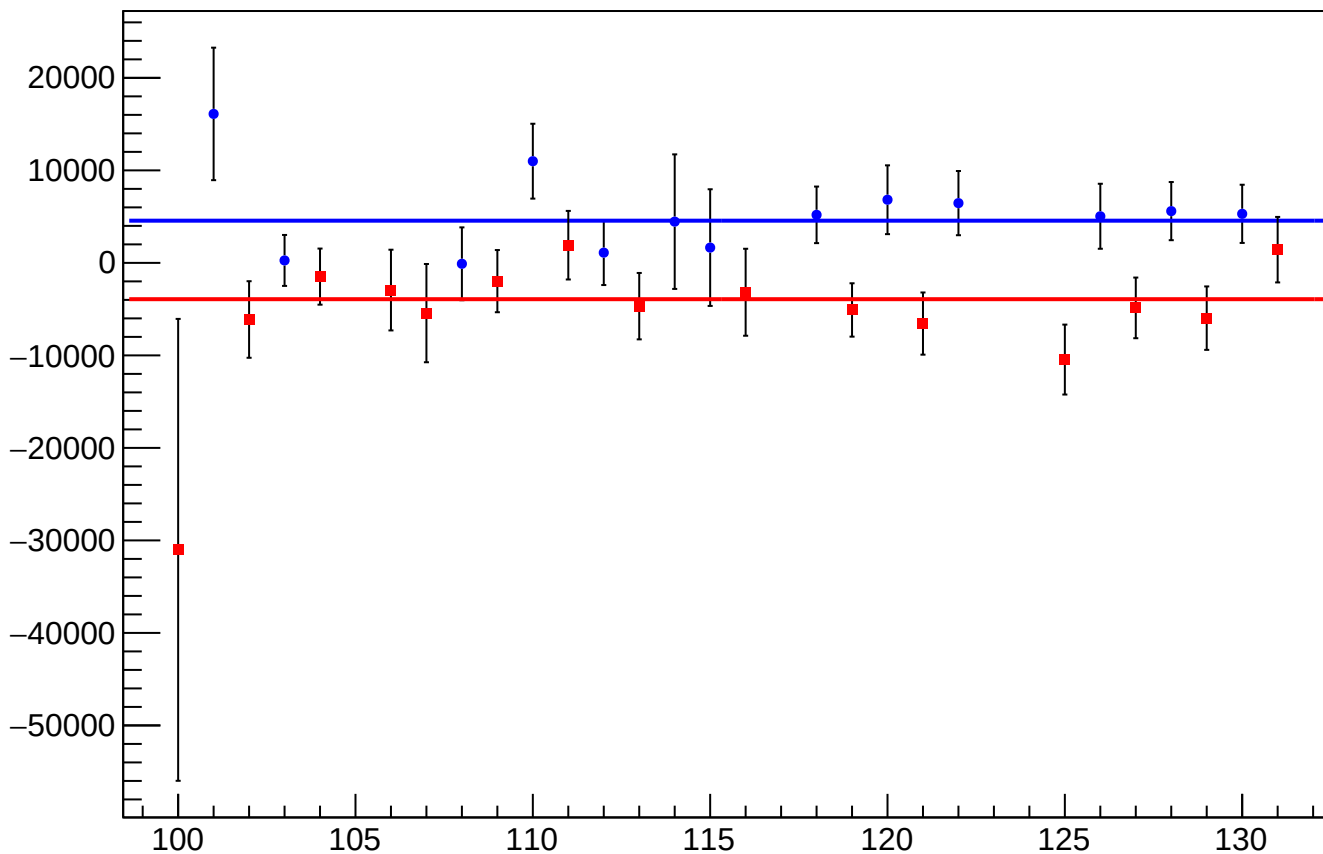
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 4611986.8/28

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 4562.253+/-1026.986 χ^2/NDF : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3924.646+/-963.369 χ^2/NDF : 11.6/14

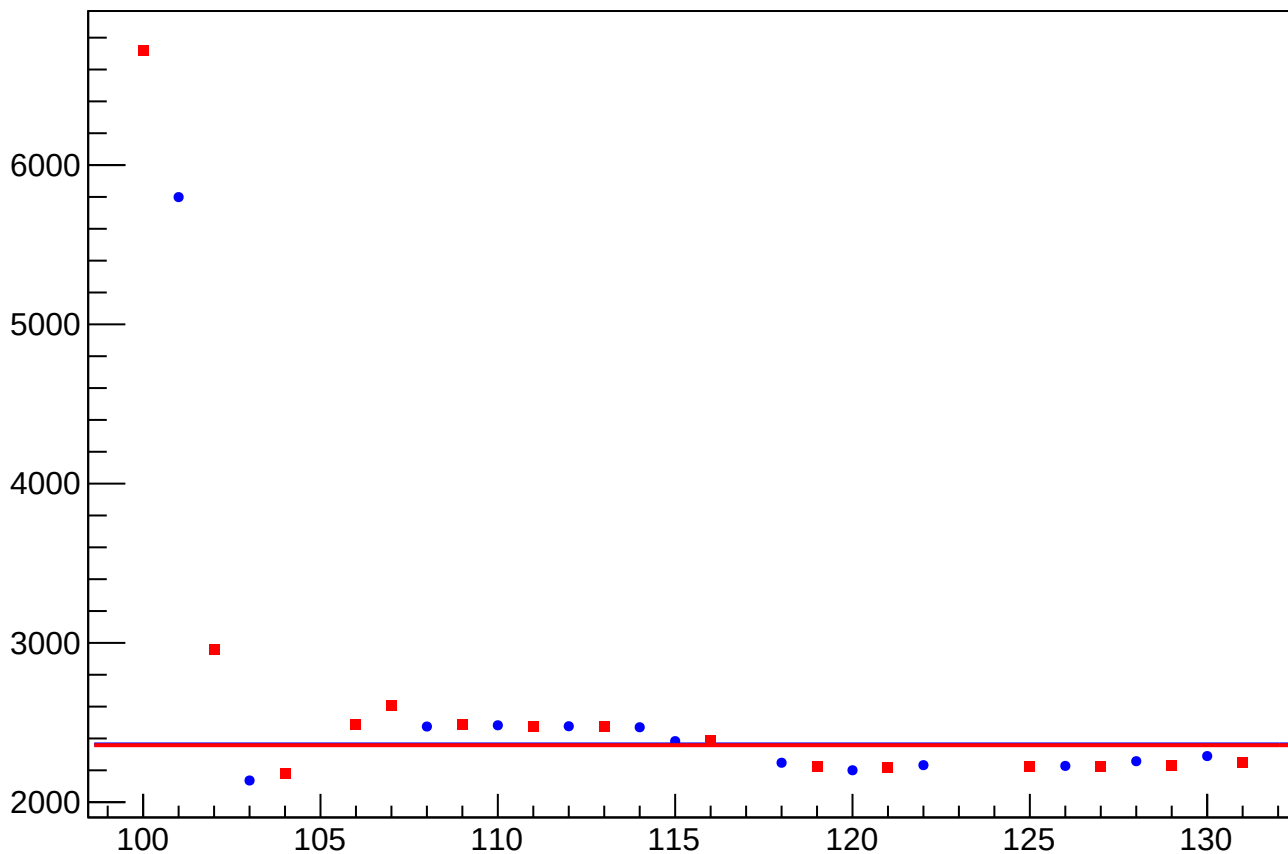
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.817+/-702.619 χ^2/NDF : 59.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2362.375+/-0.726 χ^2/NDF : 495767.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2357.731+/-0.681 χ^2/NDF : 142003.2/14

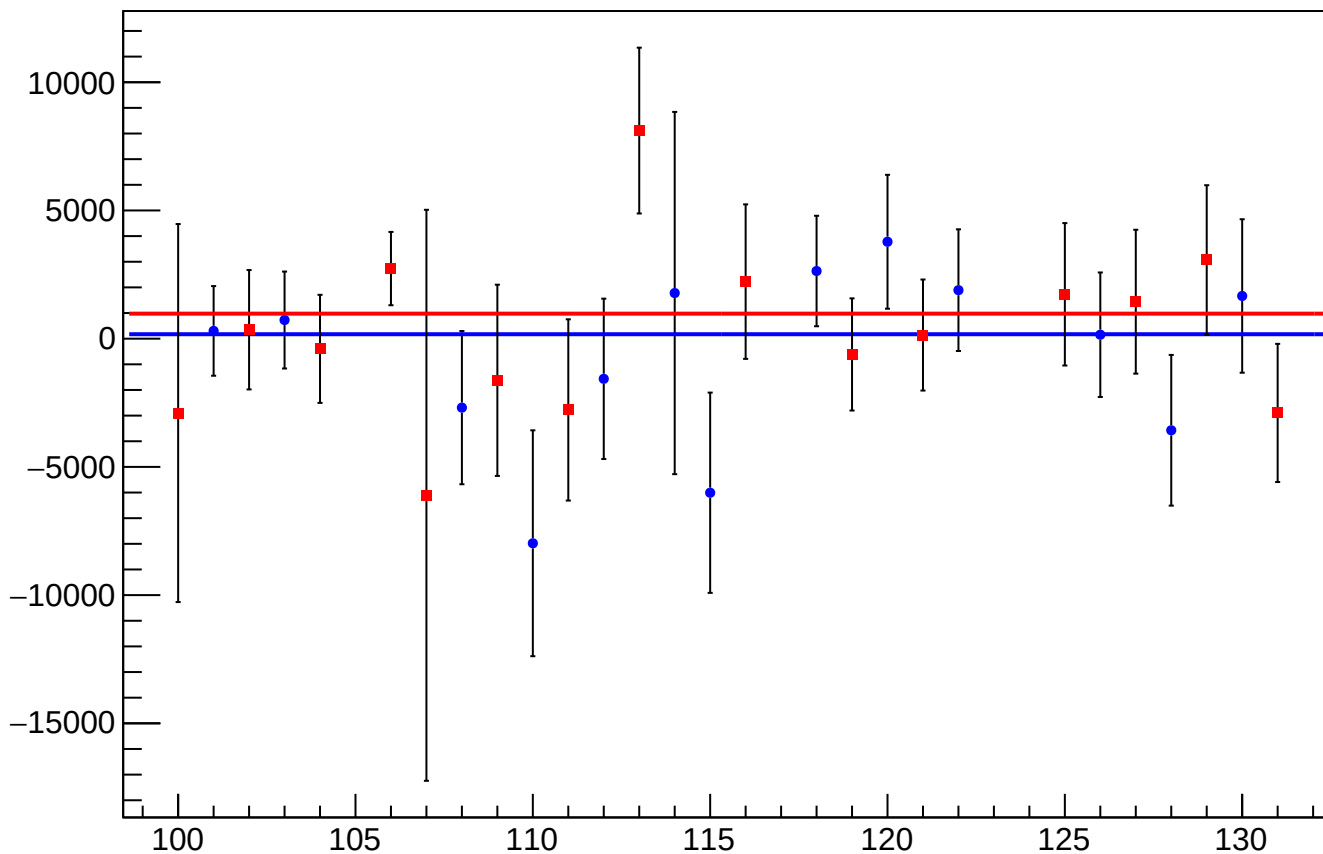
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2359.905+/-0.497 χ^2/NDF : 637792.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_reg_correction_mean vs Slug



Right In: 173.644+/-726.294 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 975.779+/-671.427 χ^2/NDF : 12.7/14

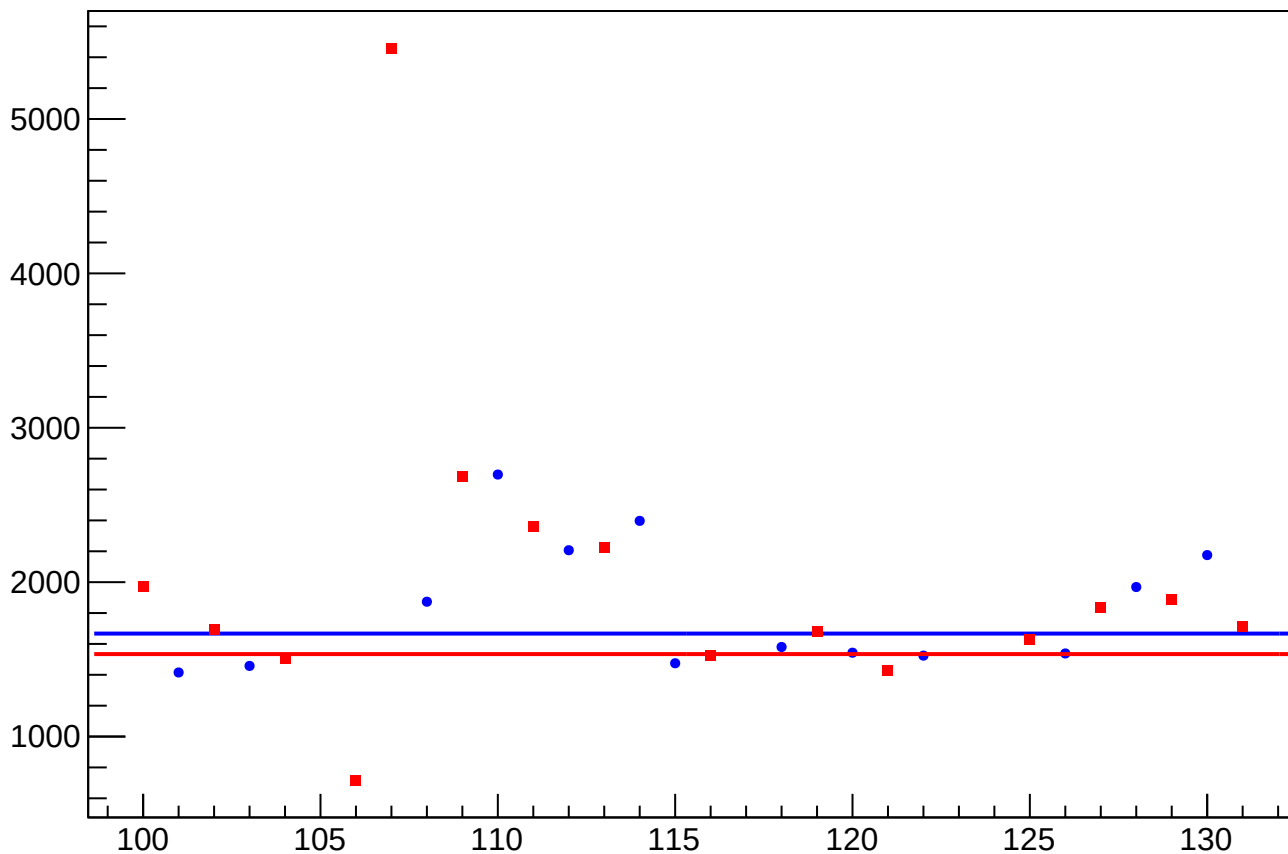
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 606.151+/-493.028 χ^2/NDF : 26.3/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_reg_correction_rms vs Slug



Right In: 1666.994+/-0.514 χ^2/NDF : 370307.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

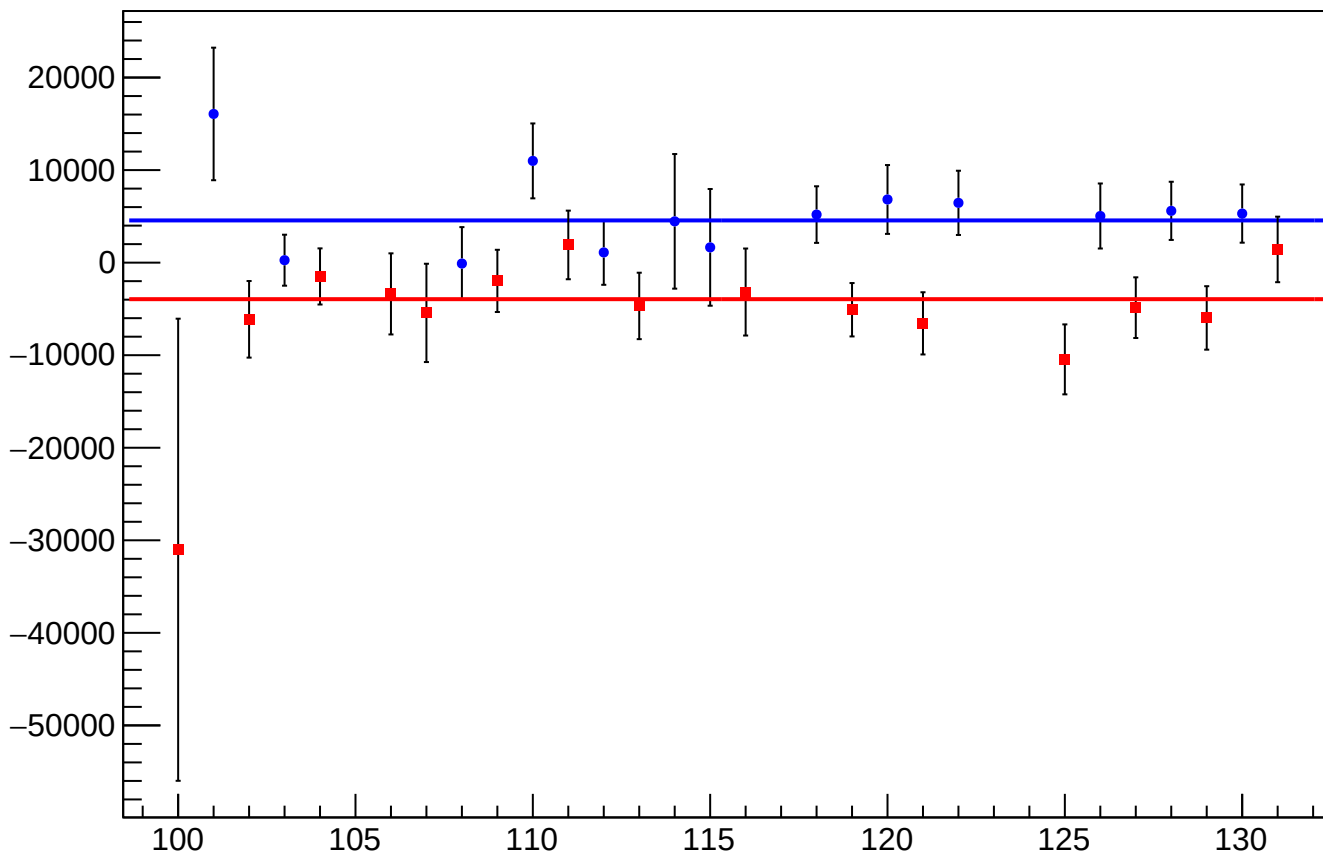
Right Out: 1534.173+/-0.475 χ^2/NDF : 1392044.2/14

All: 1595.378+/-0.349 χ^2/NDF : 1798417.1/27

- 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: 4561.462 $\pm$ 1026.986 χ^2 /NDF: 11.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3946.881 $\pm$ 963.572 χ^2 /NDF: 11.6/14

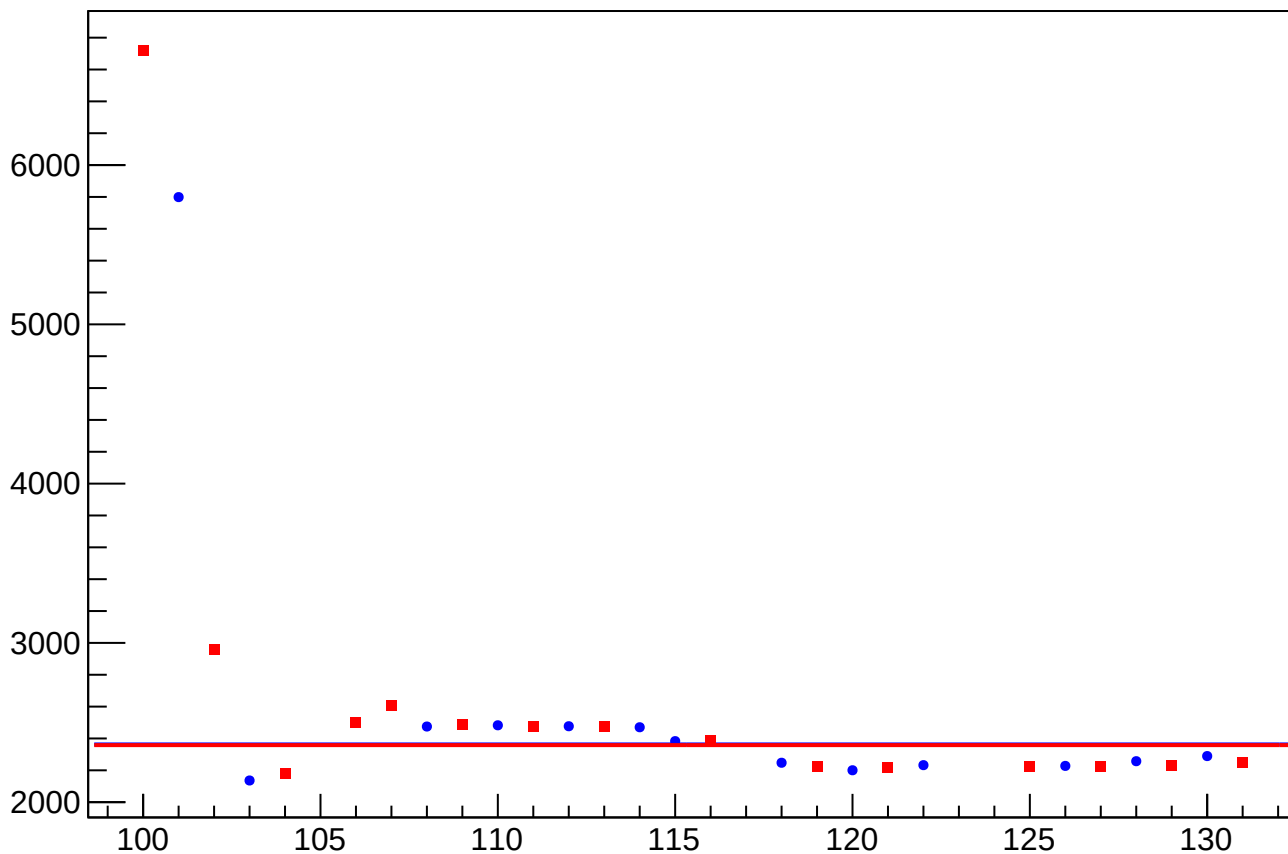
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.513 $\pm$ 702.698 χ^2 /NDF: 59.1/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2362.375+/-0.726 χ^2/NDF : 495768.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2358.195+/-0.681 χ^2/NDF : 142294.9/14

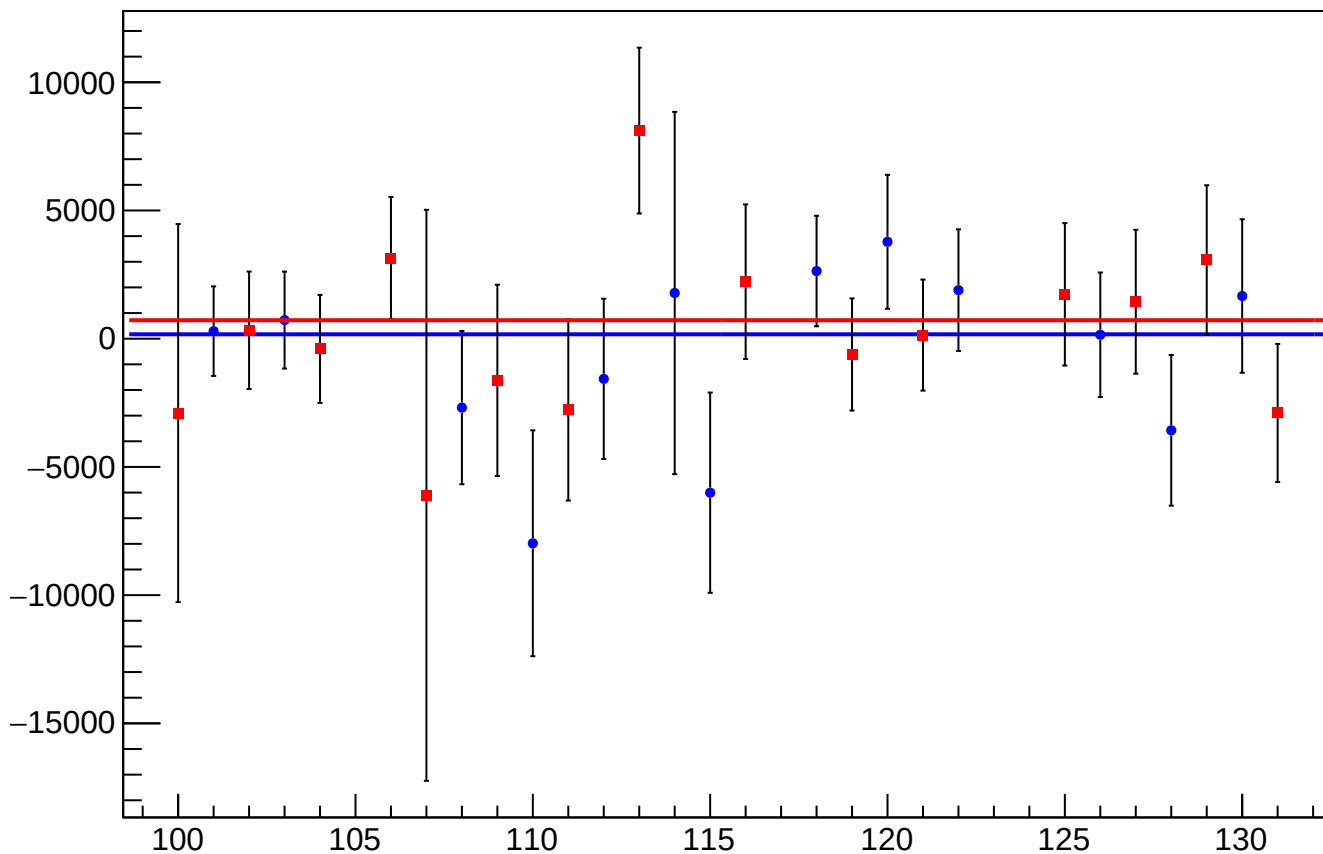
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2360.152+/-0.497 χ^2/NDF : 638080.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_cor_correction_mean vs Slug



Right In: 172.146+/-726.122 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 721.619+/-723.300 χ^2/NDF : 11.9/14

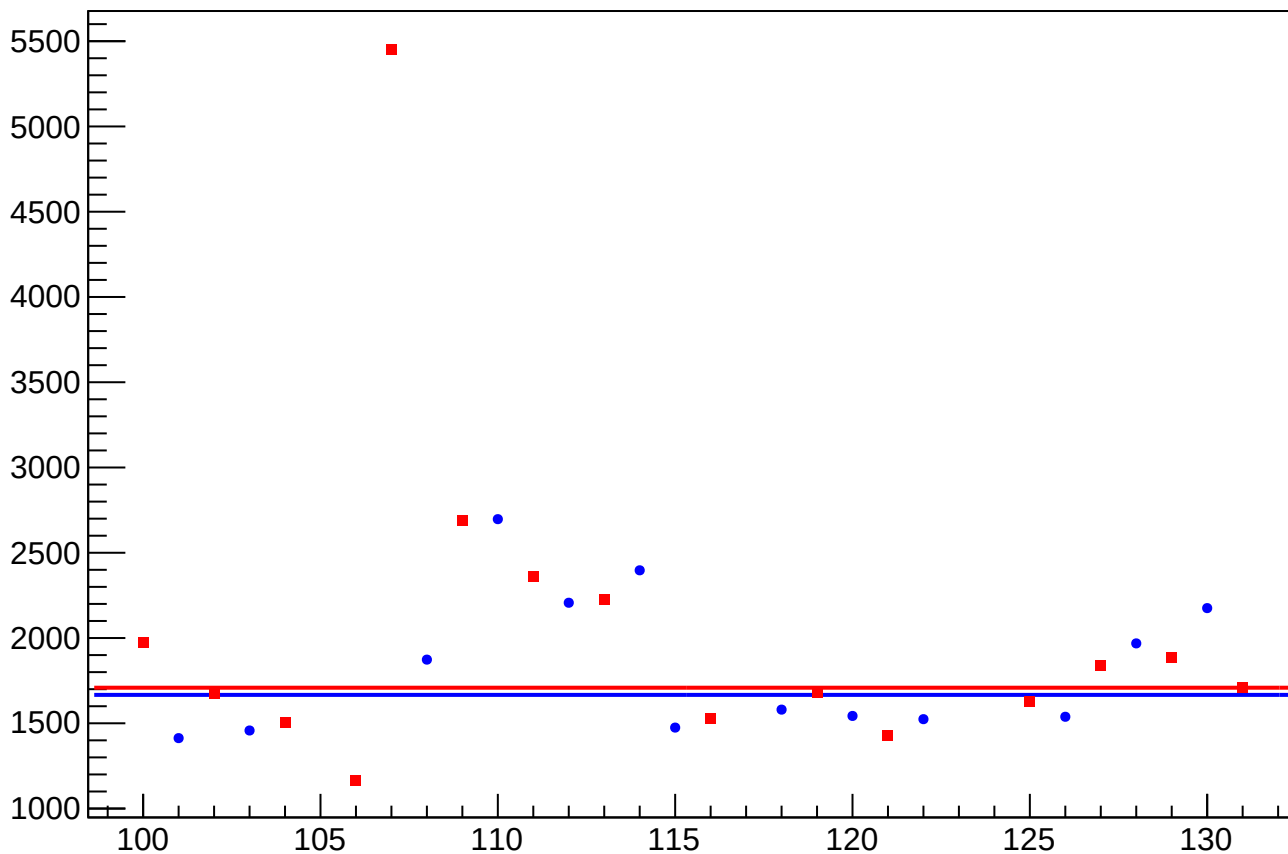
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 447.952+/-512.445 χ^2/NDF : 25.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_cor_correction_rms vs Slug



Right In: 1666.551+/-0.513 χ^2/NDF : 371059.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1708.677+/-0.511 χ^2/NDF : 664493.0/14

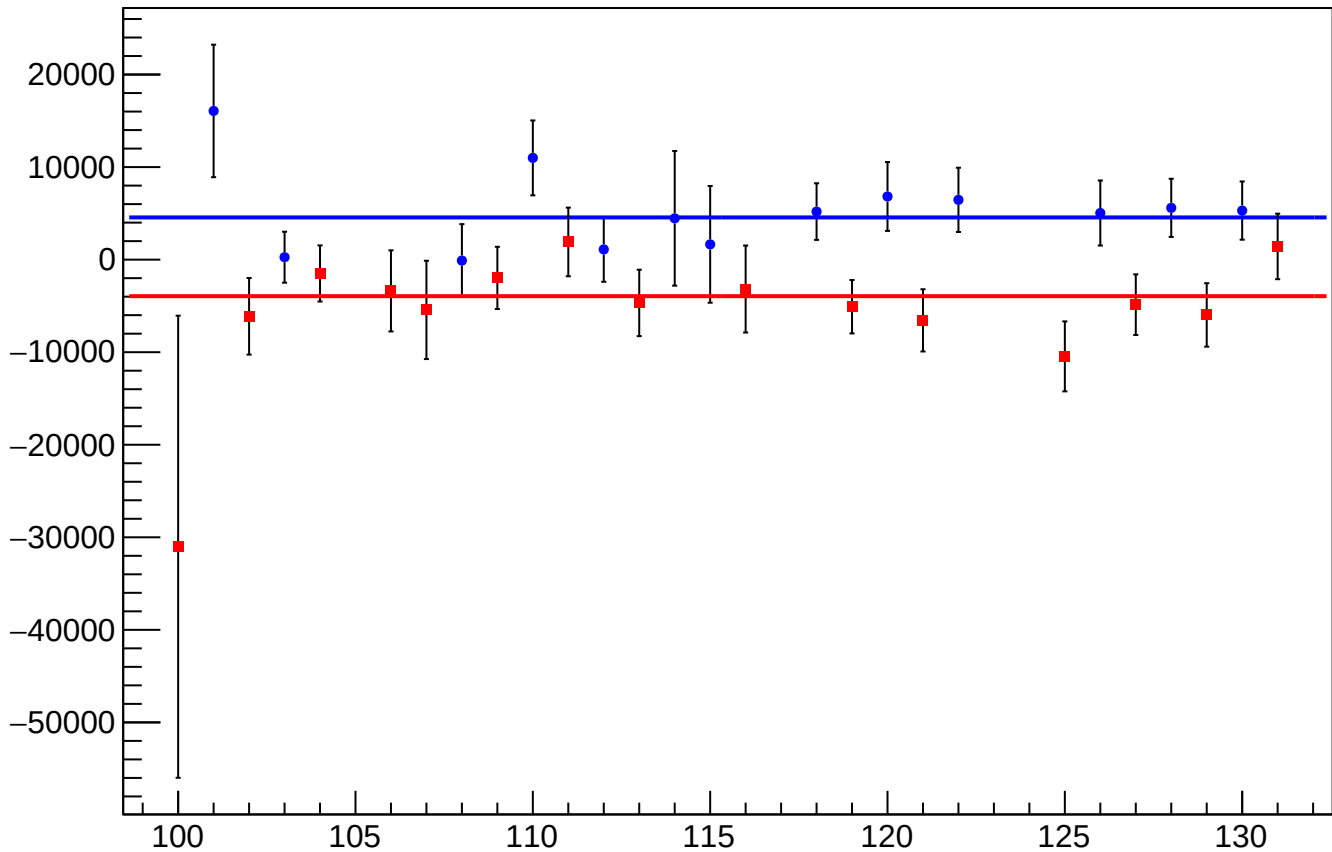
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1687.696+/-0.362 χ^2/NDF : 1038930.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 4561.462 $\pm$ 1026.986 χ^2 /NDF: 11.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3946.881 $\pm$ 963.572 χ^2 /NDF: 11.6/14

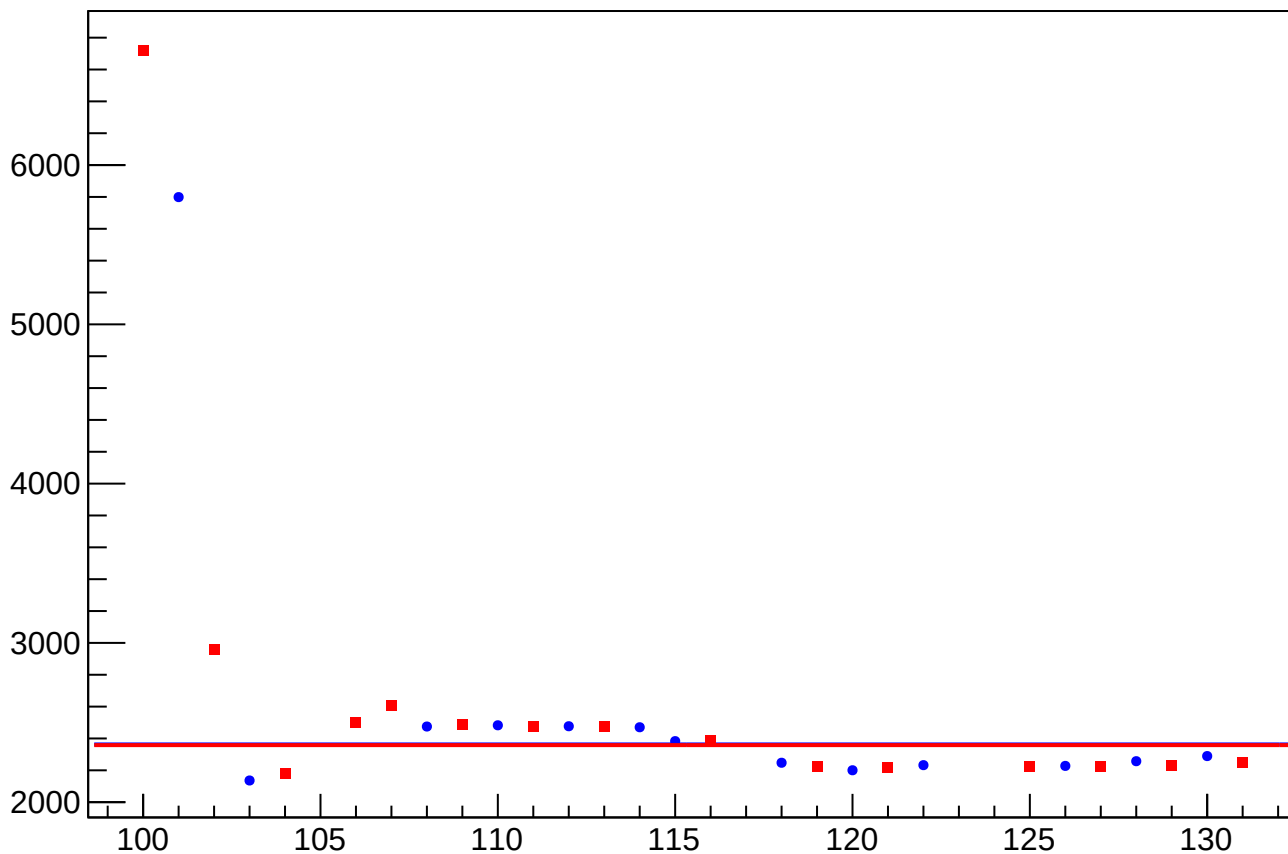
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.513 $\pm$ 702.698 χ^2 /NDF: 59.1/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2362.375+/-0.726 χ^2/NDF : 495768.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2358.195+/-0.681 χ^2/NDF : 142294.9/14

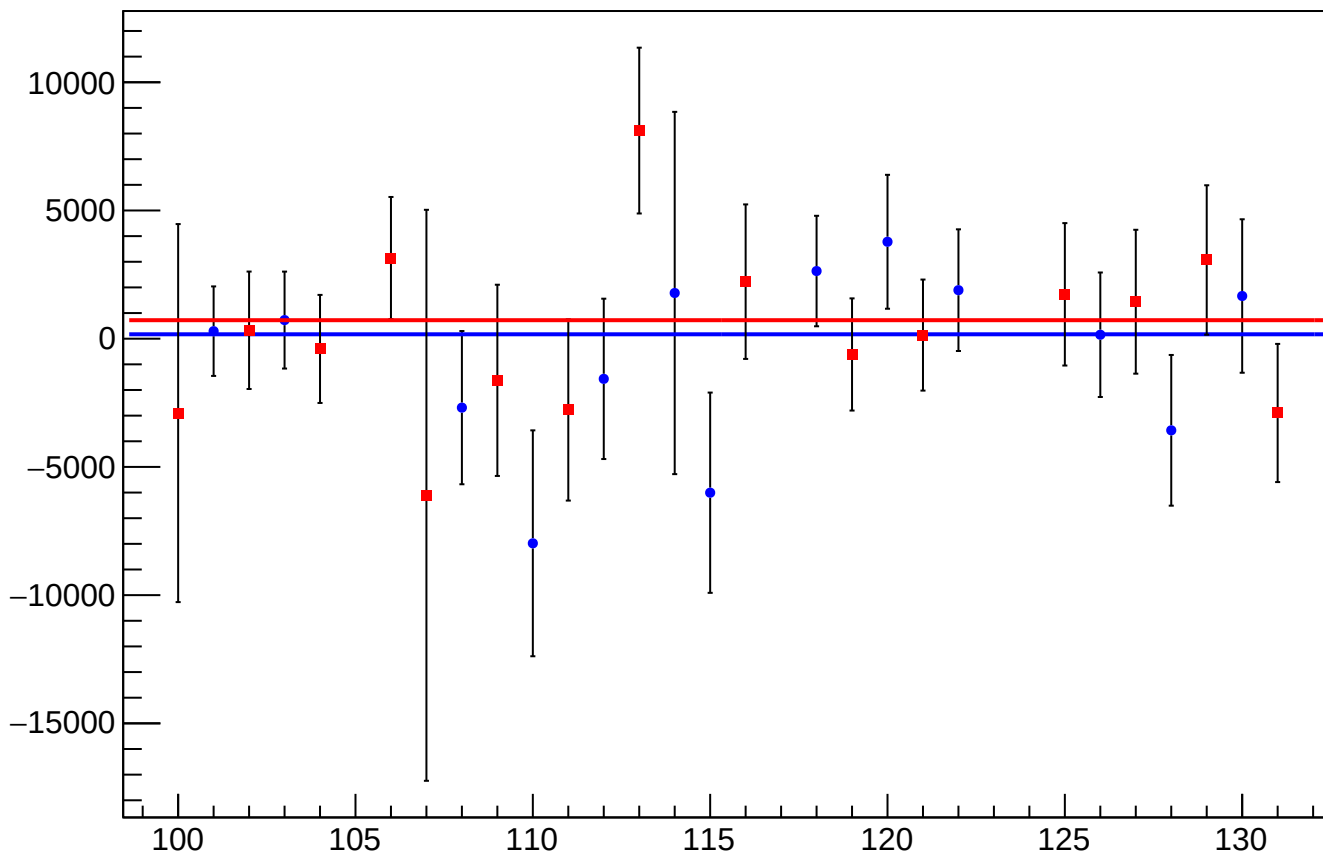
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2360.152+/-0.497 χ^2/NDF : 638080.6/27

- 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: 172.146+/-726.122 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 721.619+/-723.300 χ^2/NDF : 11.9/14

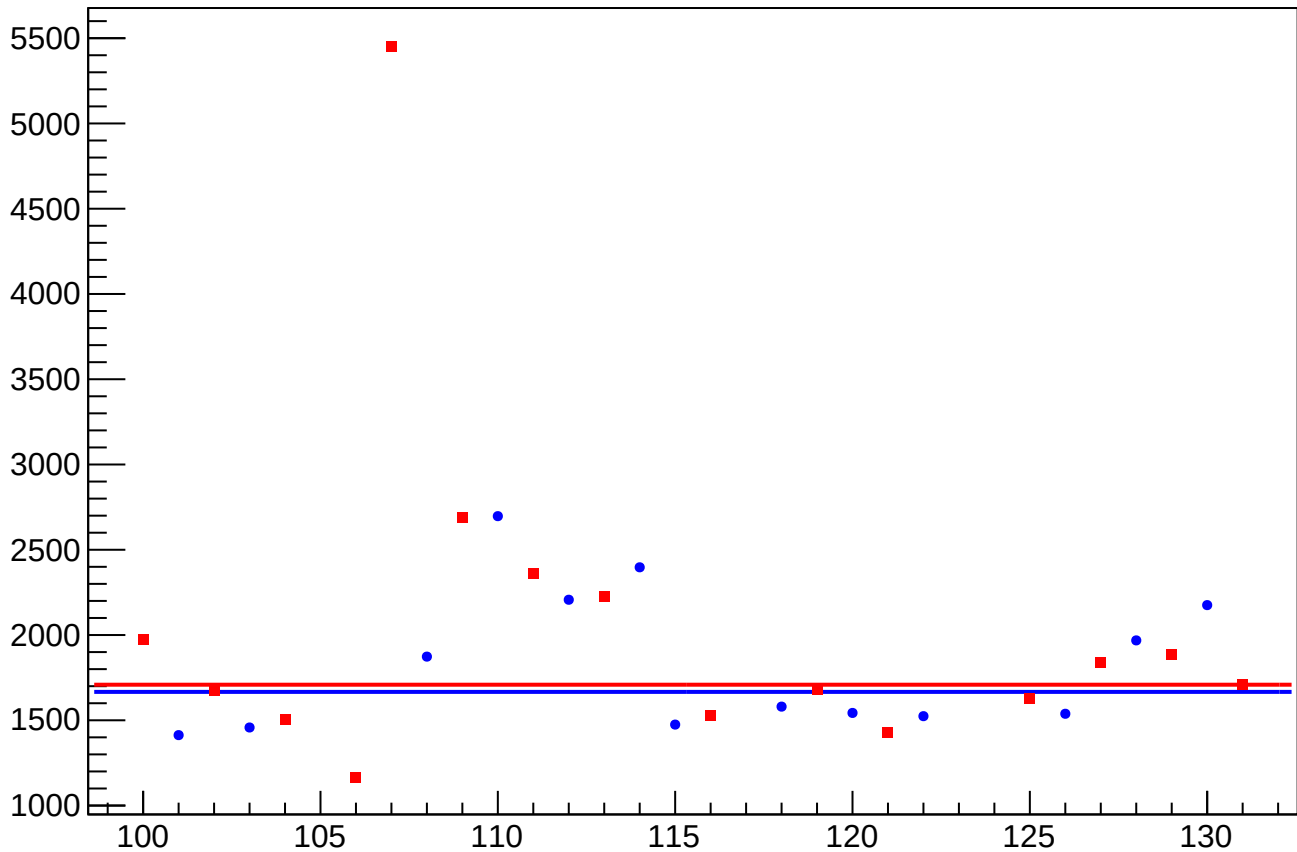
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 447.952+/-512.445 χ^2/NDF : 25.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_rms vs Slug



Right In: 1666.551+/-0.513 χ^2/NDF : 371059.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

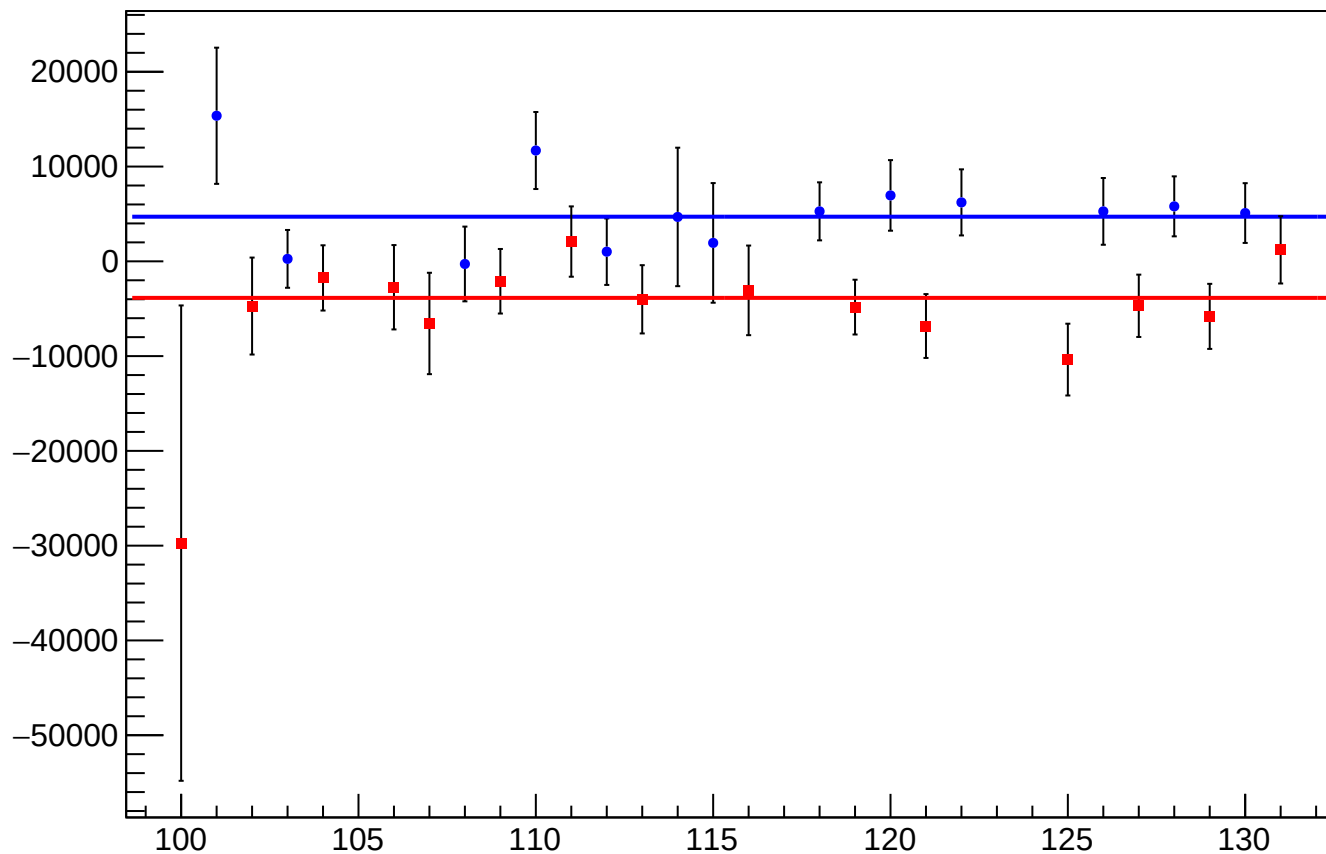
Right Out: 1708.677+/-0.511 χ^2/NDF : 664493.0/14

All: 1687.696+/-0.362 χ^2/NDF : 1038930.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 4708.840+/-1043.165 χ^2/NDF : 10.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3856.729+/-987.883 χ^2/NDF : 10.9/14

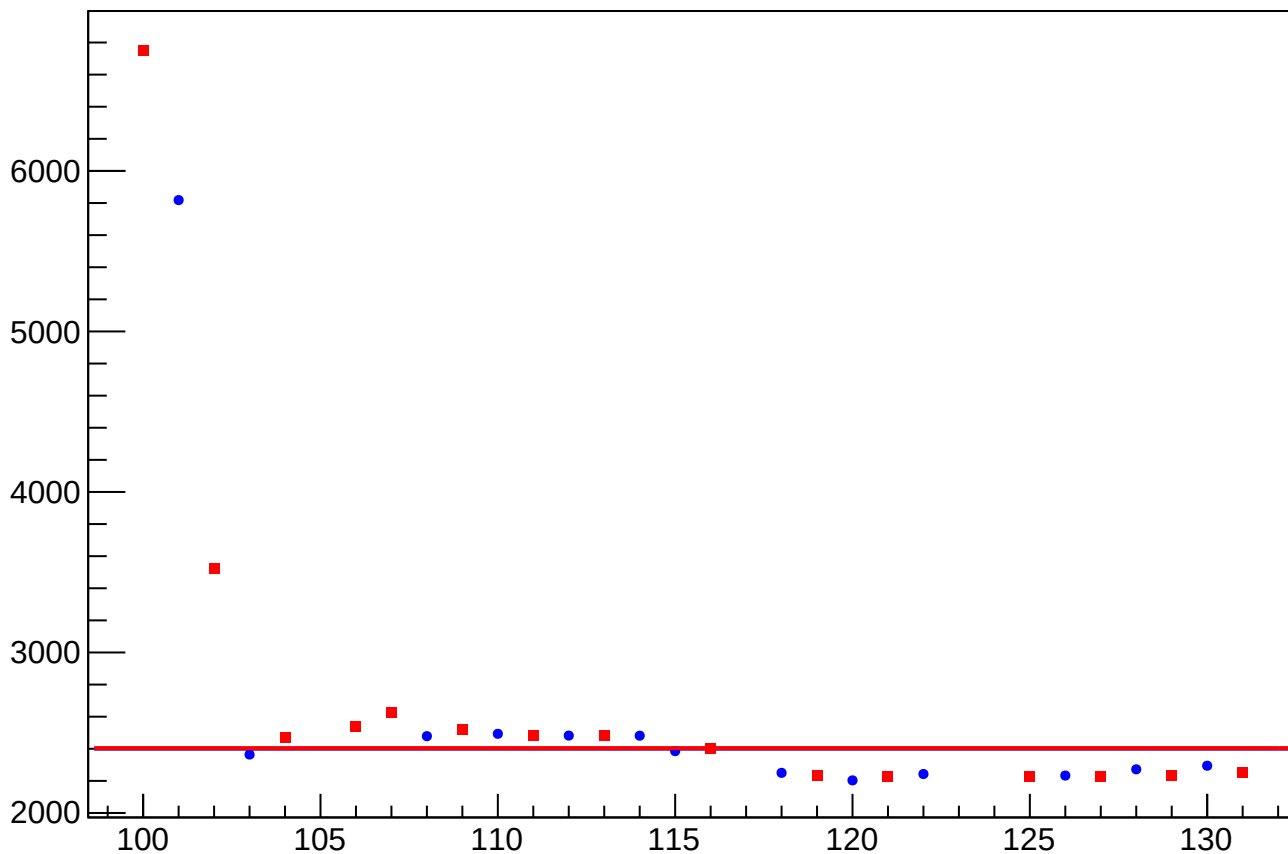
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 193.088+/-717.286 χ^2/NDF : 57.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2401.059+/-0.738 χ^2/NDF : 480546.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2403.797+/-0.699 χ^2/NDF : 197228.4/14

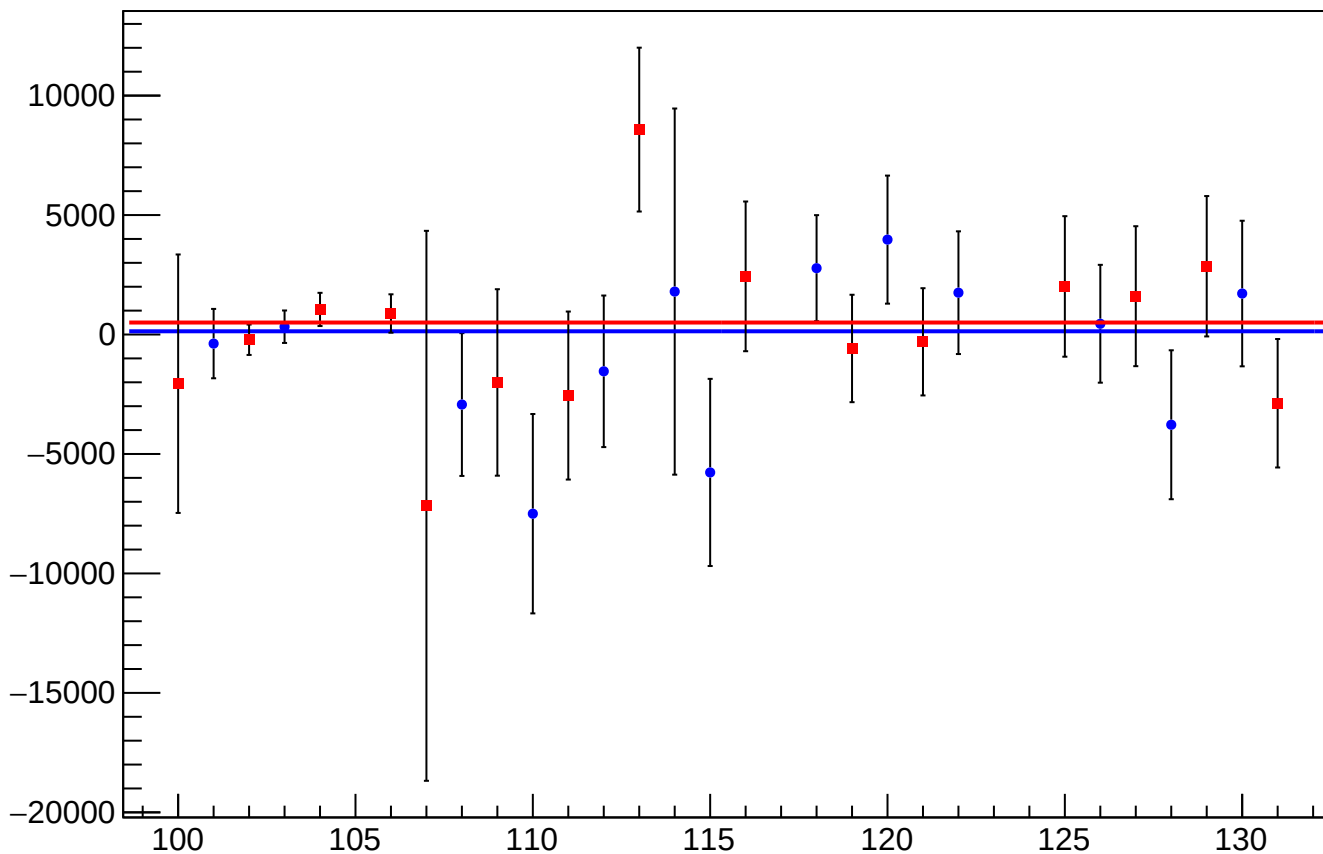
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2402.503+/-0.507 χ^2/NDF : 677781.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_dit_correction_mean vs Slug



Right In: 135.204+/-508.934 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 501.810+/-368.859 χ^2/NDF : 12.9/14

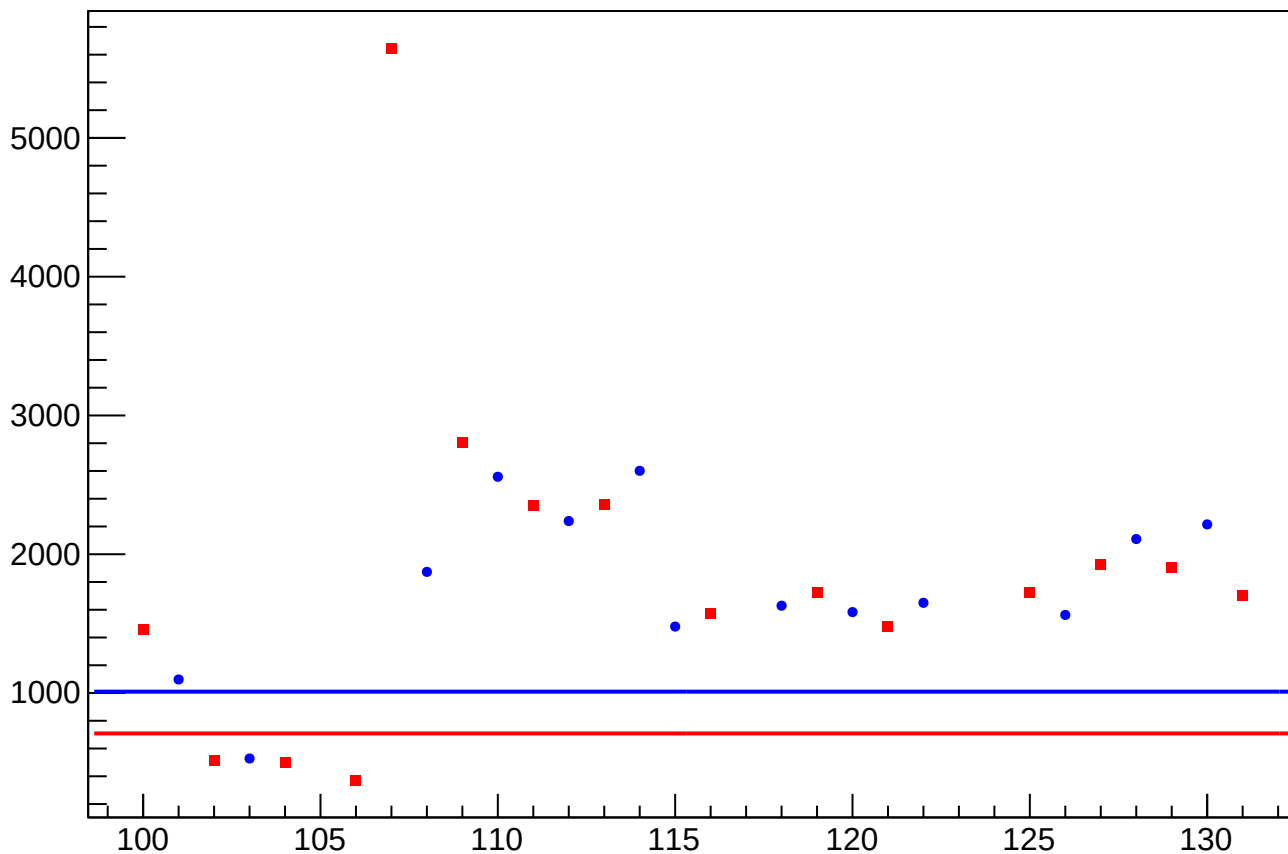
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 375.556+/-298.665 χ^2/NDF : 26.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_dit_correction_rms vs Slug



Right In: 1009.844+/-0.360 χ^2/NDF : 2904321.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

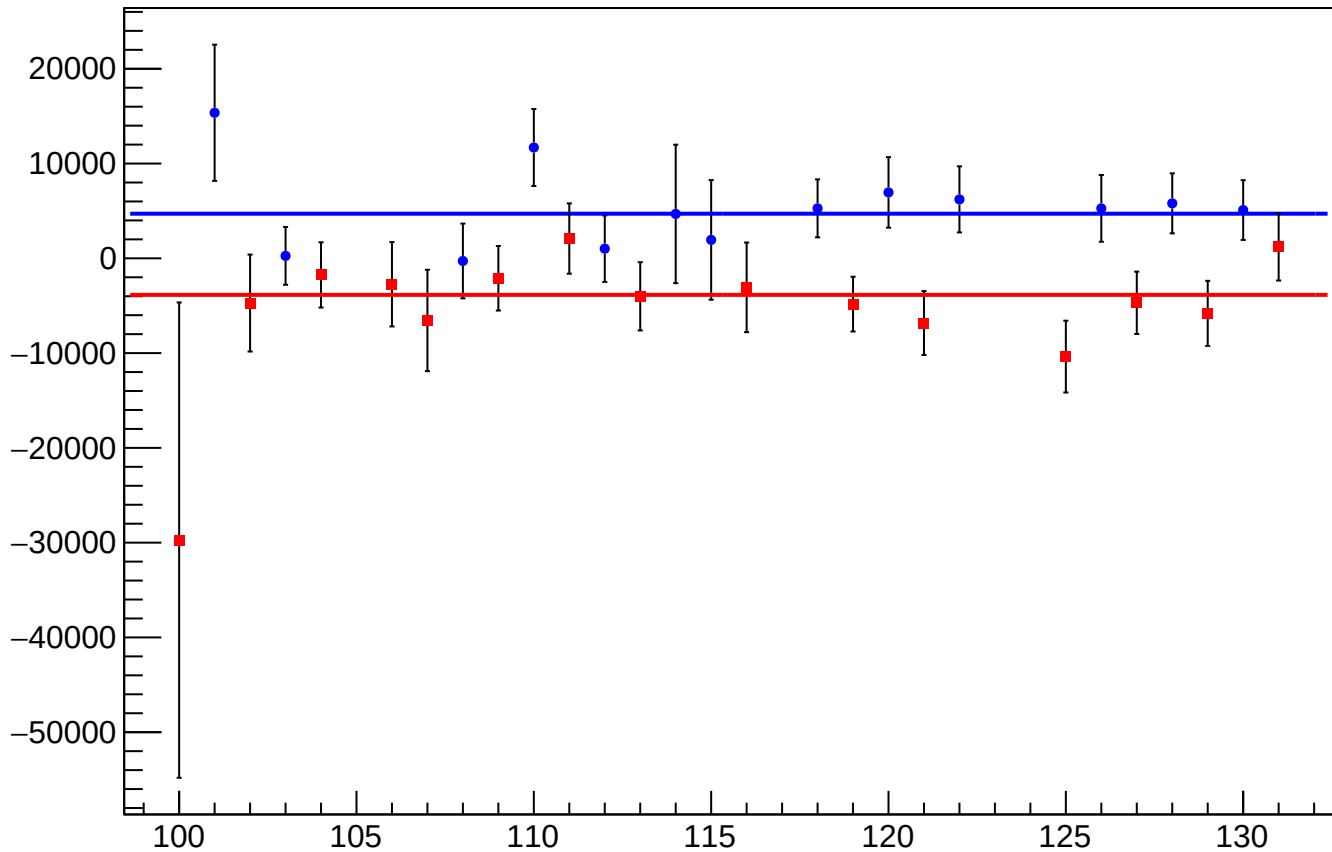
Right Out: 708.653+/-0.261 χ^2/NDF : 4600238.3/14

All: 812.379+/-0.211 χ^2/NDF : 7963798.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 4708.839+/-1043.165 χ^2/NDF : 10.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3856.727+/-987.883 χ^2/NDF : 10.9/14

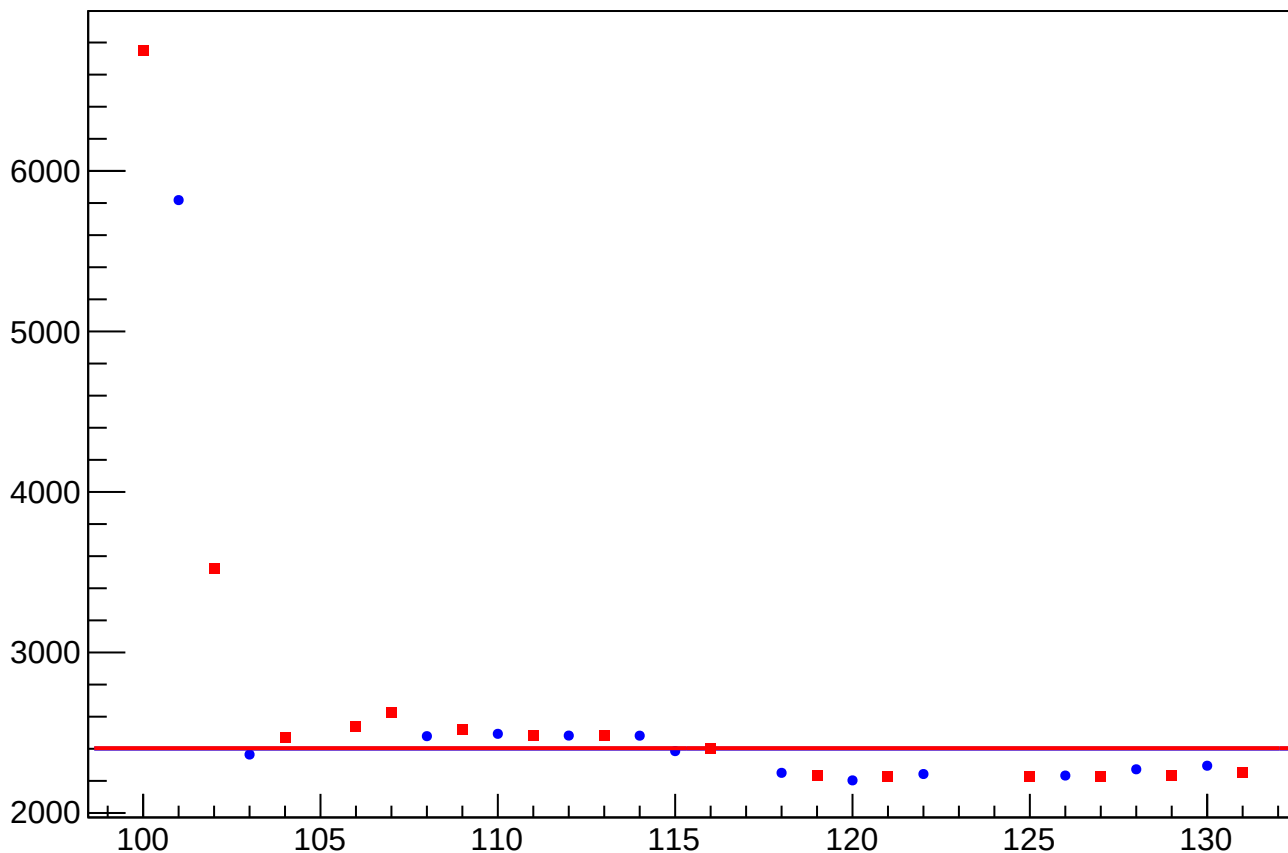
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 193.089+/-717.286 χ^2/NDF : 57.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2401.059+/-0.738 χ^2/NDF : 480546.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2403.797+/-0.699 χ^2/NDF : 197227.5/14

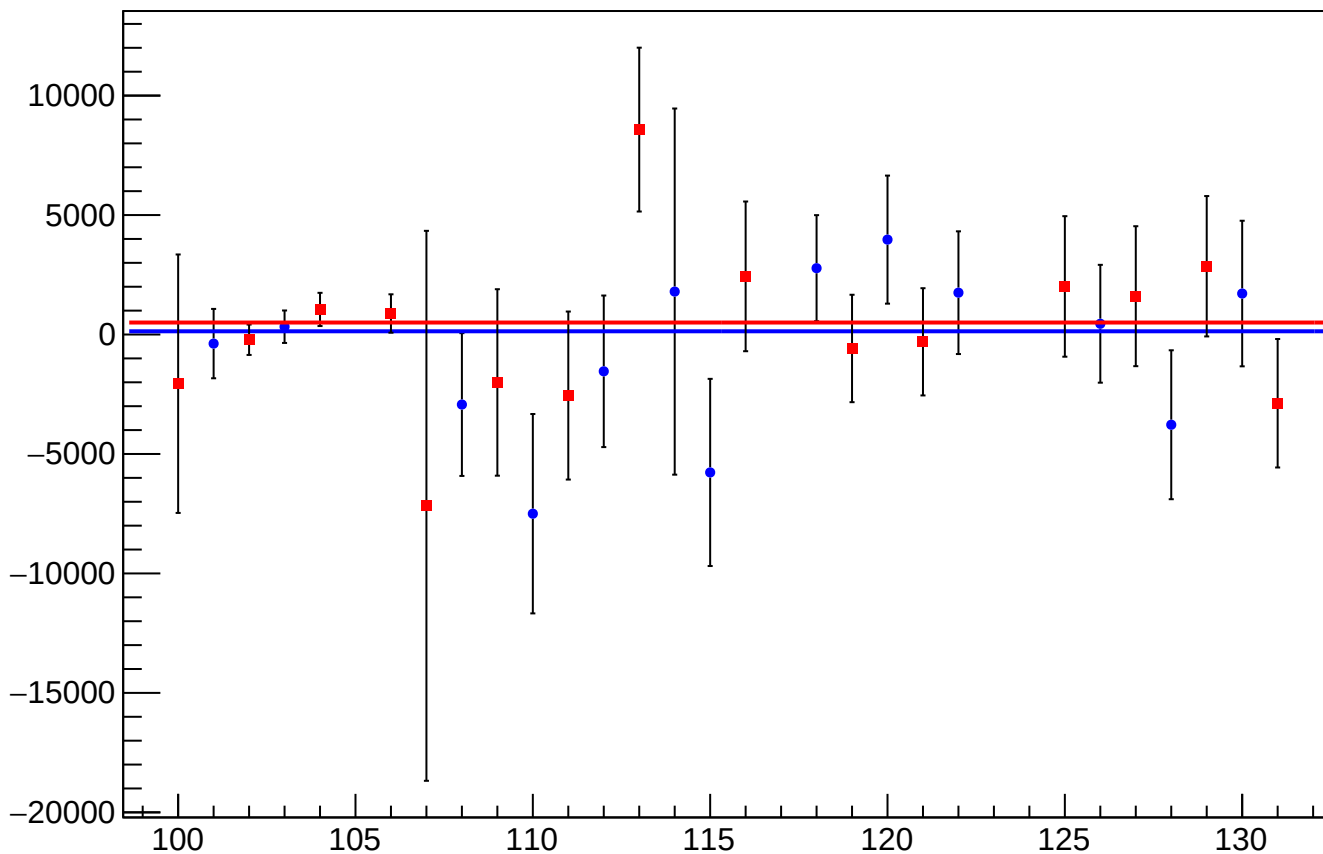
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2402.502+/-0.507 χ^2/NDF : 677781.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_mean vs Slug



Right In: 135.198 $\pm$ 508.937 χ^2 /NDF: 12.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 501.815 $\pm$ 368.864 χ^2 /NDF: 12.9/14

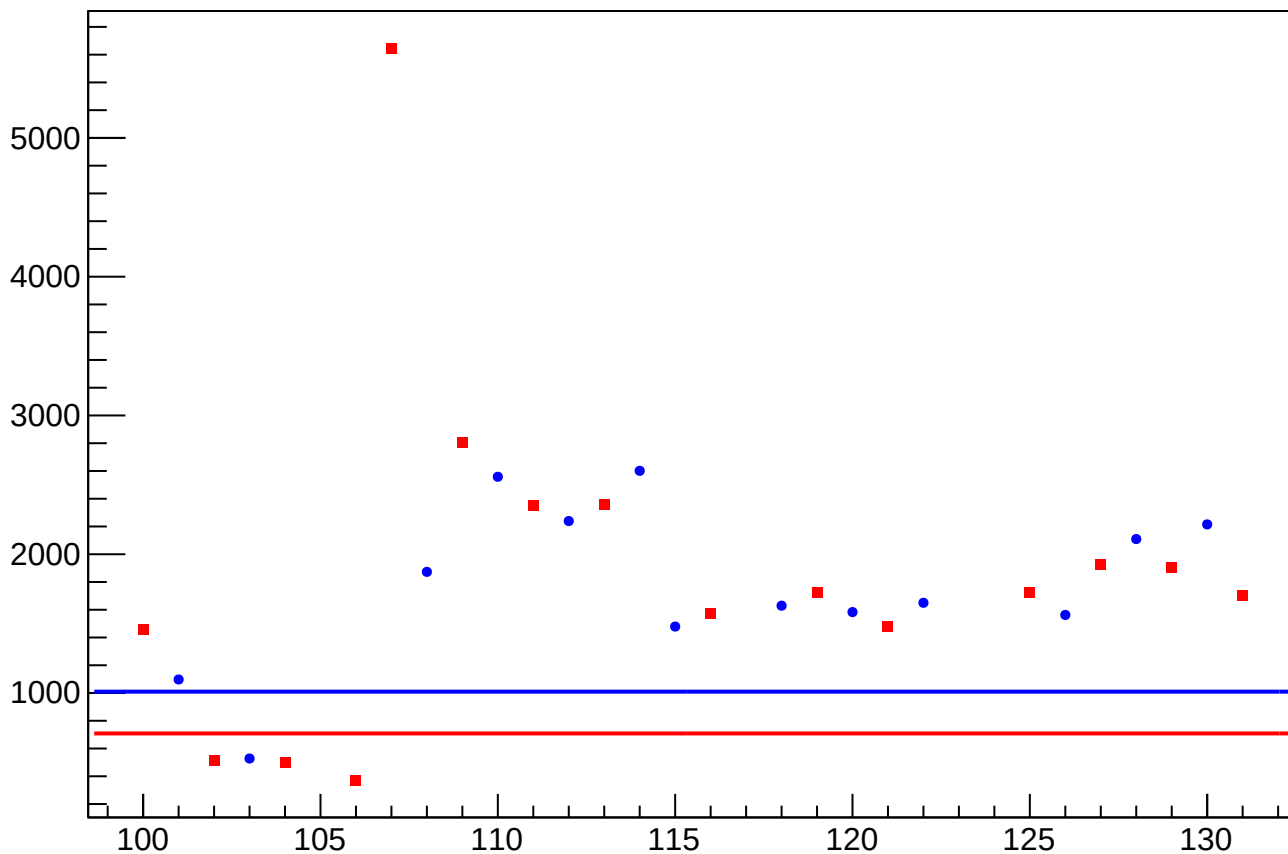
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 375.556 $\pm$ 298.668 χ^2 /NDF: 26.1/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_rms vs Slug



Right In: 1009.854+/-0.360 χ^2/NDF : 2904261.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 708.668+/-0.261 χ^2/NDF : 4600141.7/14

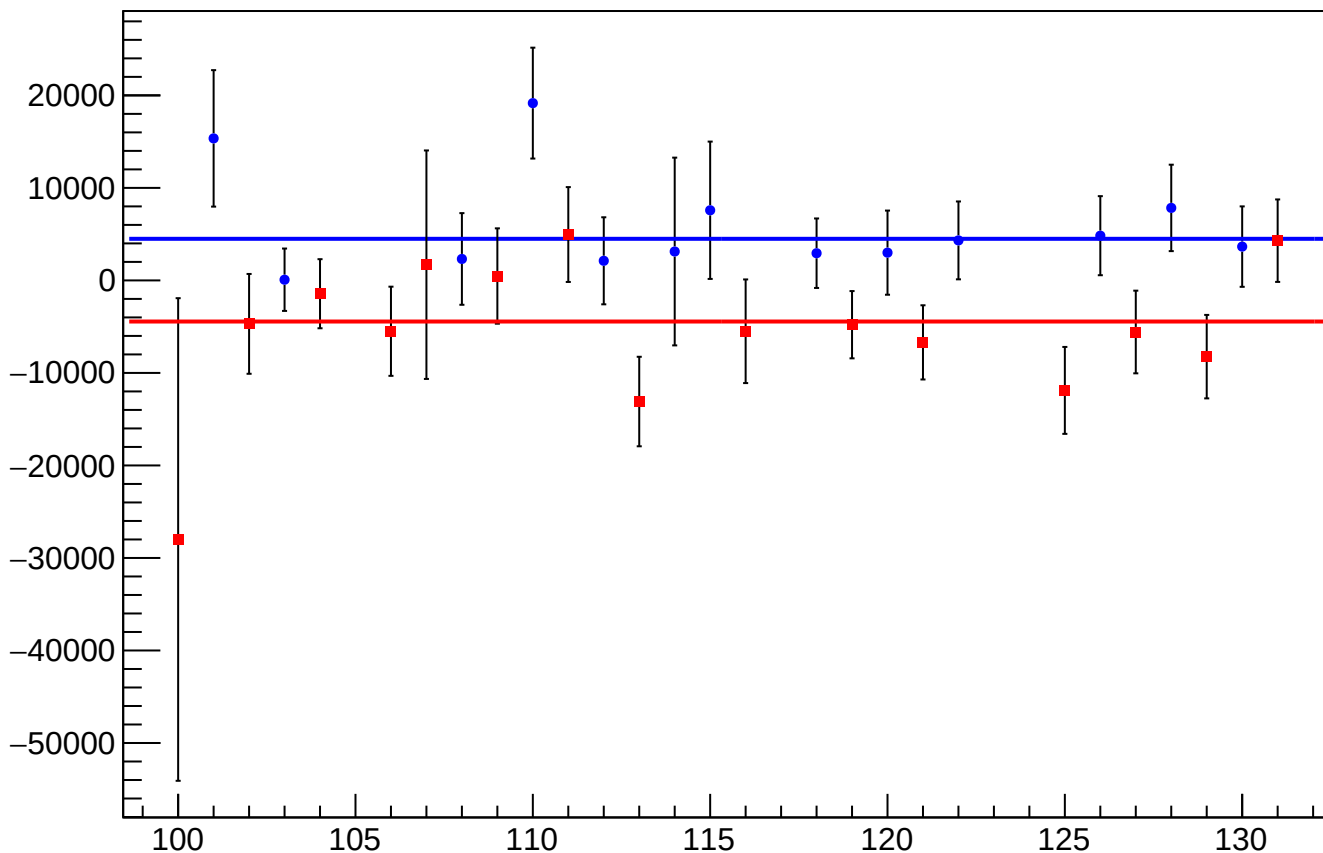
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 812.393+/-0.211 χ^2/NDF : 7963619.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 4496.357+/-1316.184 χ^2/NDF : 11.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4443.139+/-1249.733 χ^2/NDF : 16.7/14

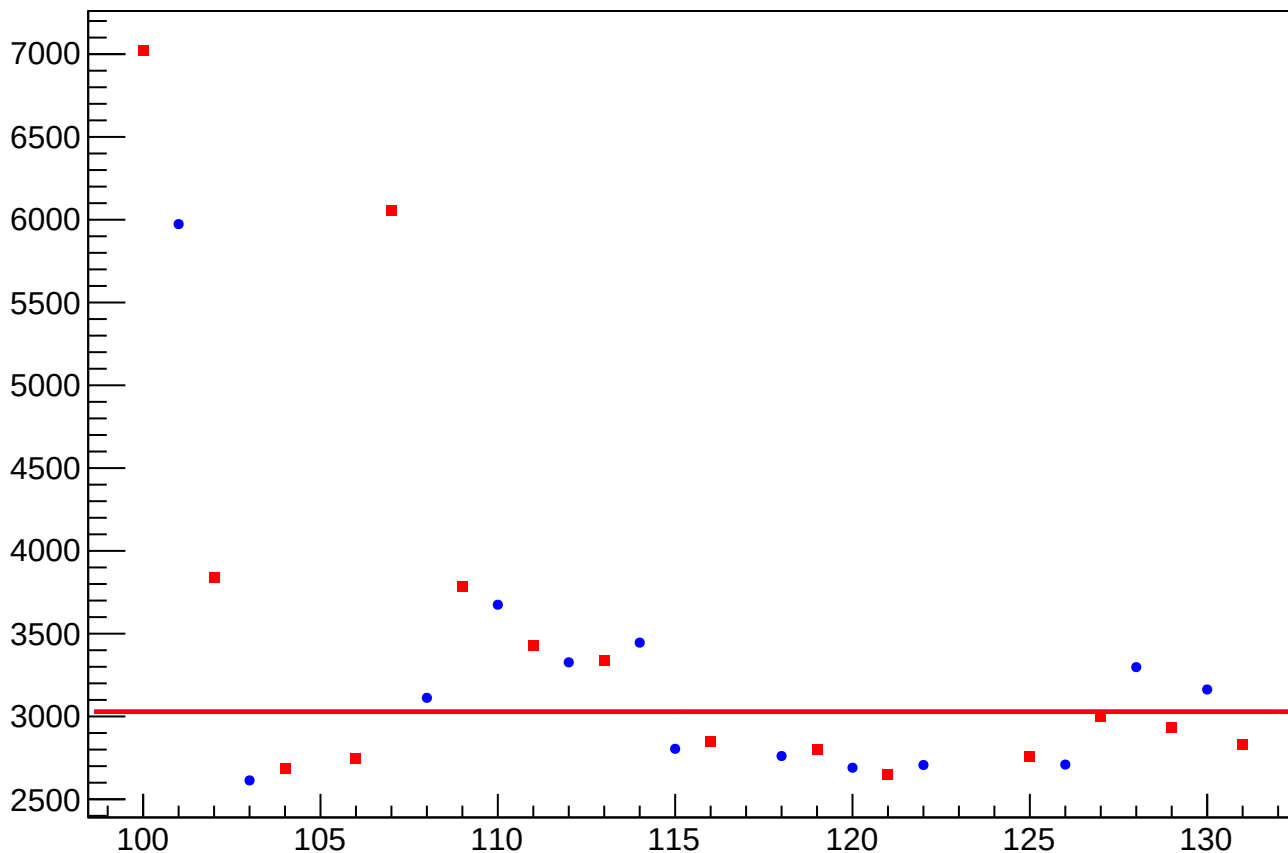
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -204.744+/-906.276 χ^2/NDF : 52.3/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 3030.380+/-0.931 χ^2 /NDF: 438787.5/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 3026.679+/-0.884 χ^2 /NDF: 337938.8/14

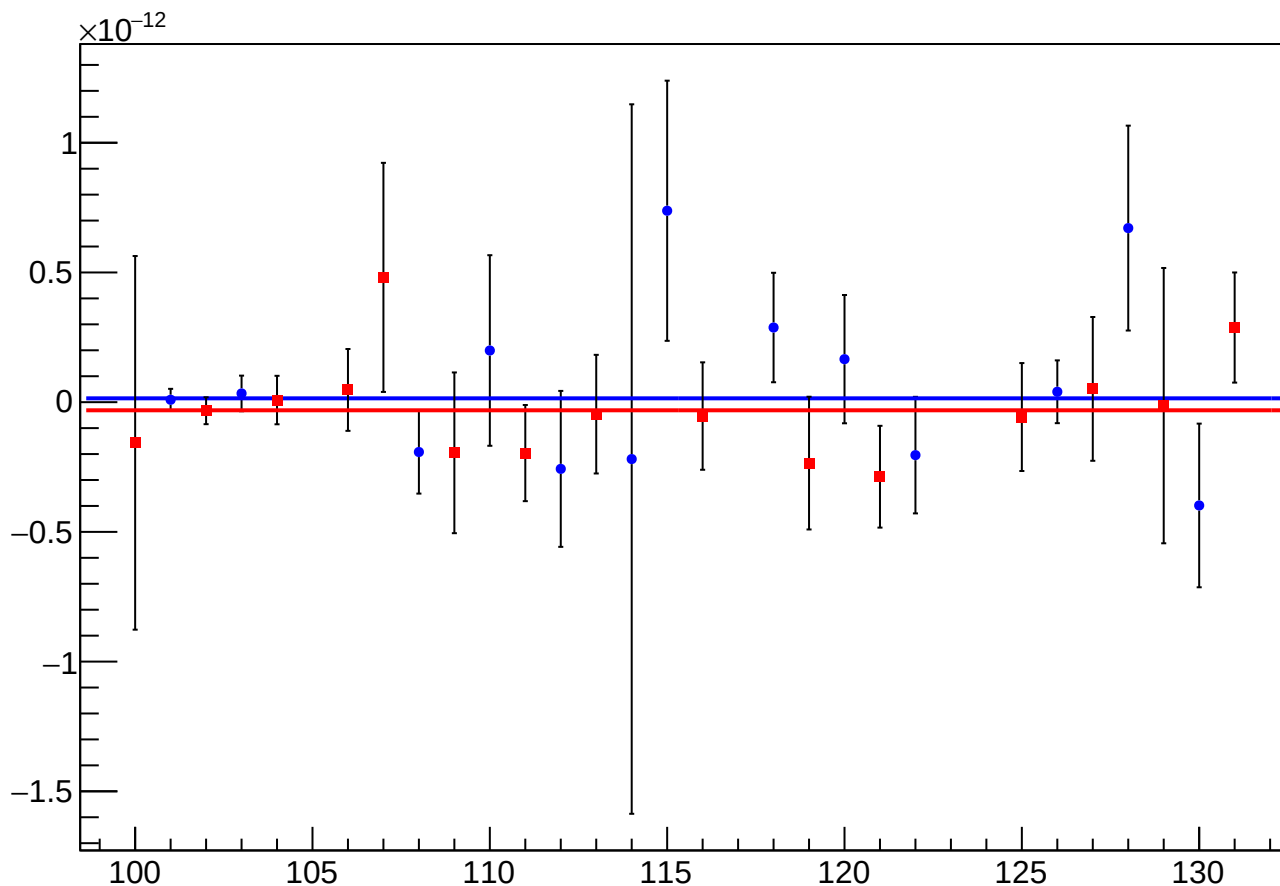
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 3028.434+/-0.641 χ^2 /NDF: 776734.6/27

- 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: 12.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.6/14

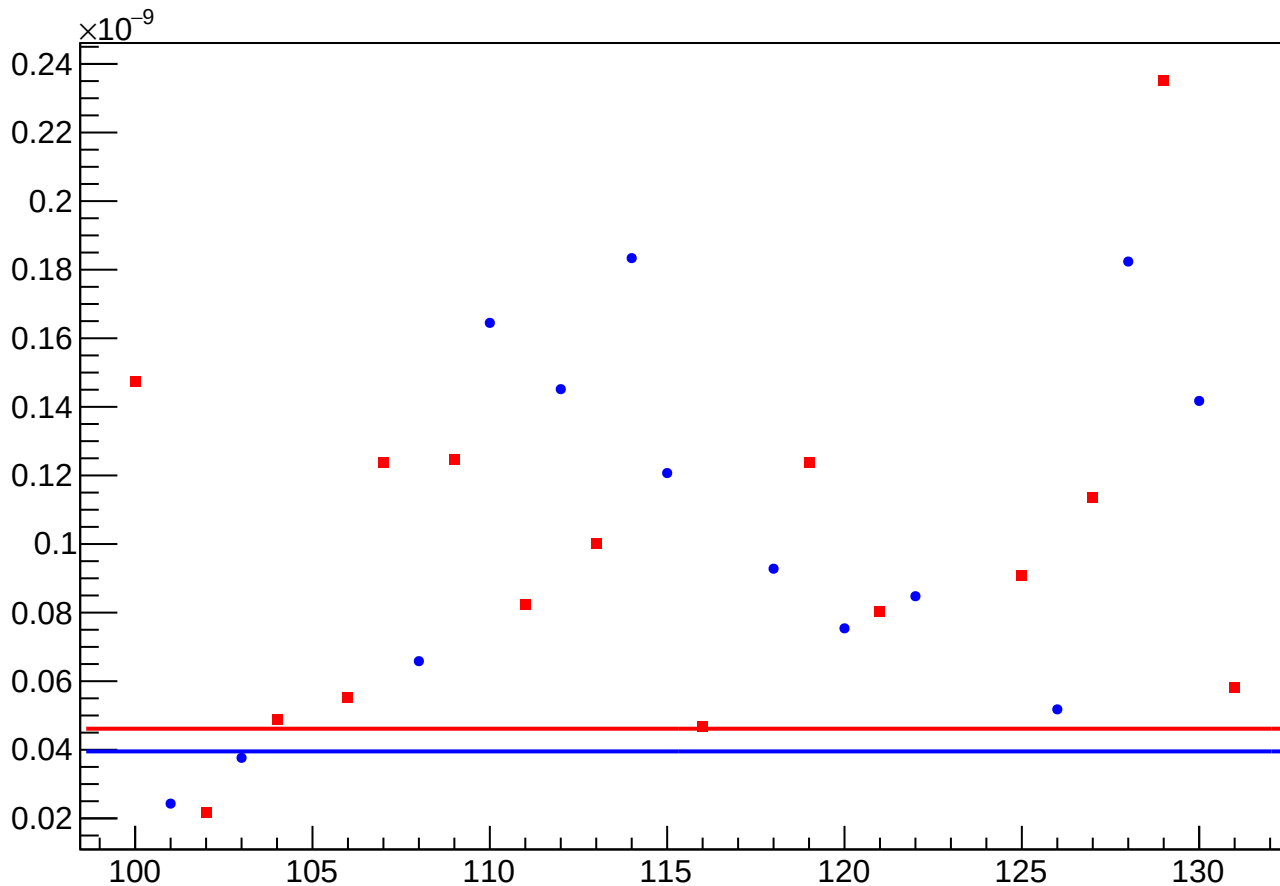
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.9/27

- 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 : 1612787.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1587465.4/14

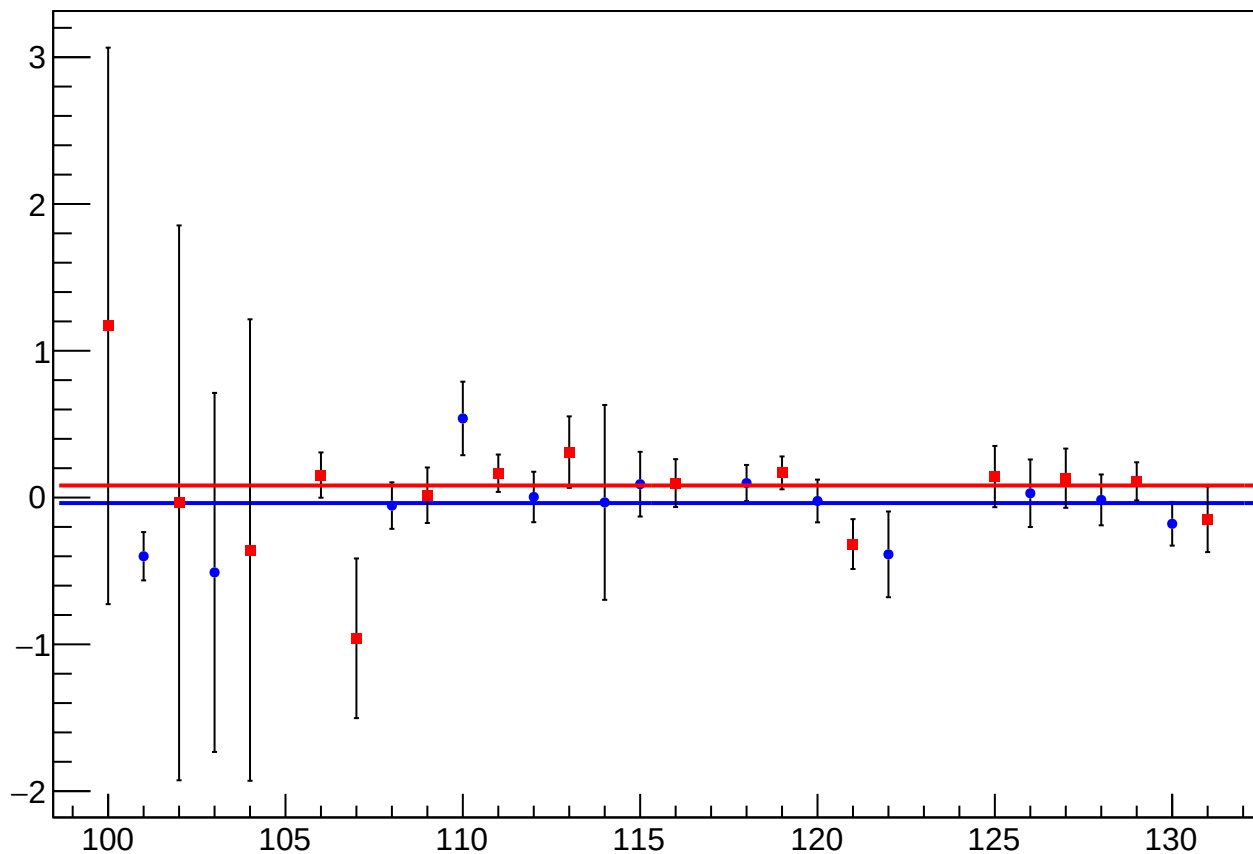
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3236592.1/27

- 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: -0.037 ± 0.052 χ^2/NDF : 14.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.082 ± 0.048 χ^2/NDF : 13.1/14

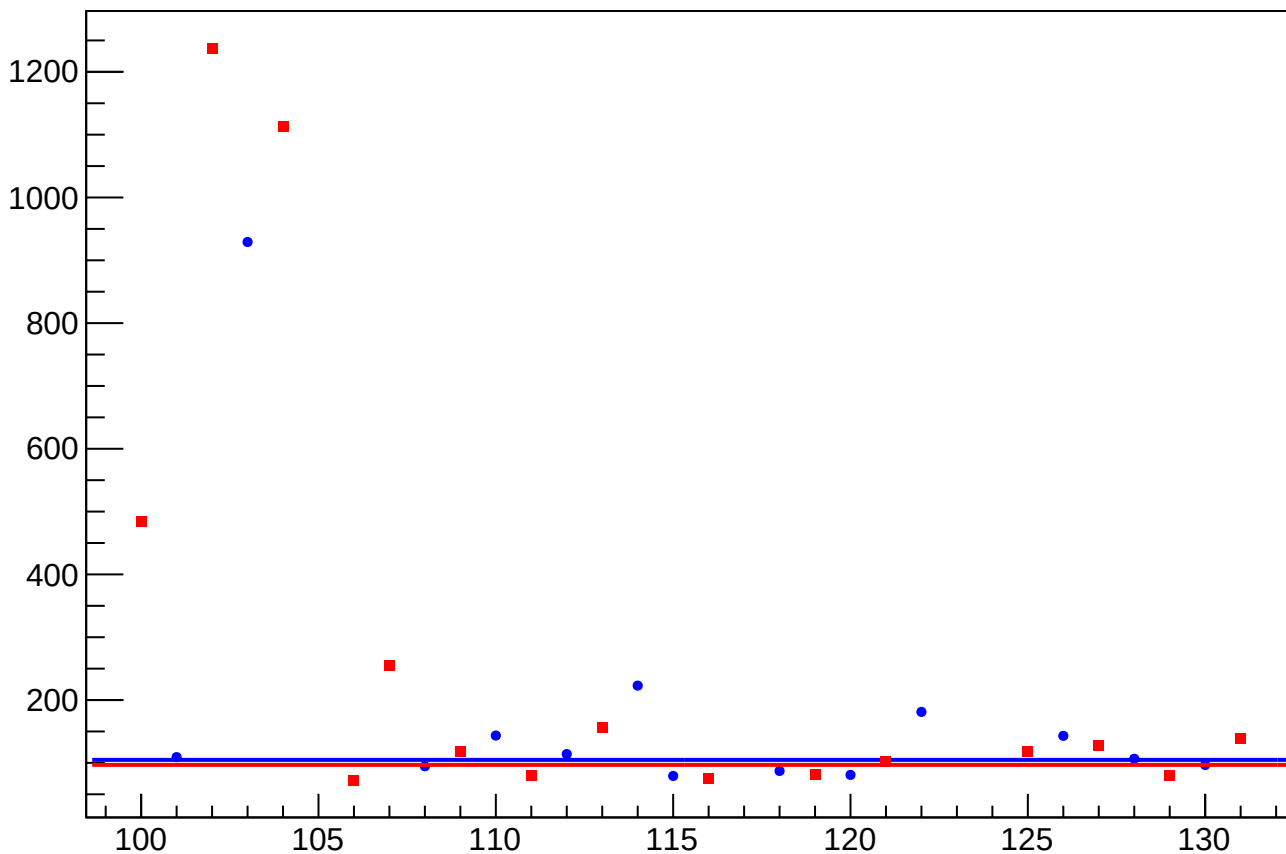
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.027 ± 0.035 χ^2/NDF : 30.3/27

- 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: 104.765+/-0.037 χ^2/NDF : 1355521.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.836+/-0.034 χ^2/NDF : 2309902.4/14

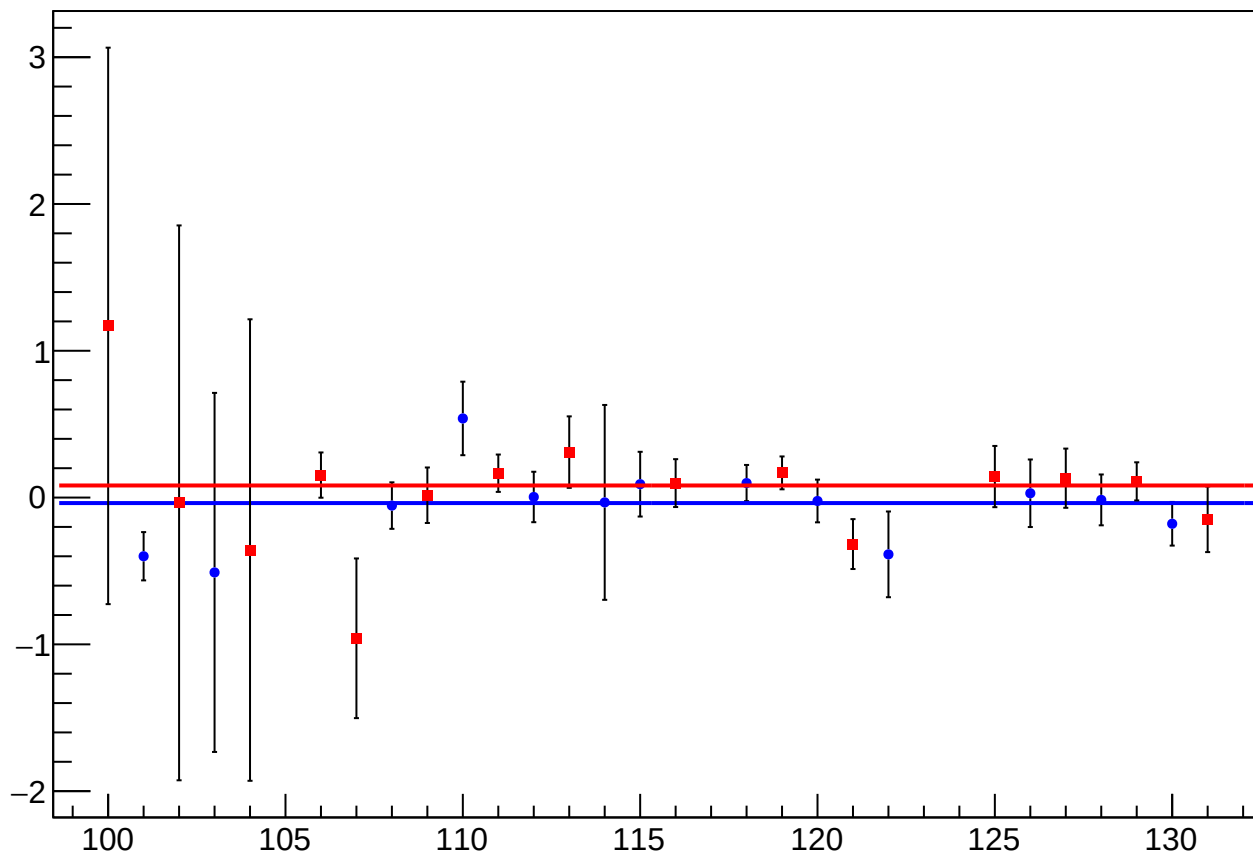
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.506+/-0.025 χ^2/NDF : 3690557.7/27

- 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: -0.037 $\pm$ 0.052 χ^2 /NDF: 14.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.082 $\pm$ 0.048 χ^2 /NDF: 13.1/14

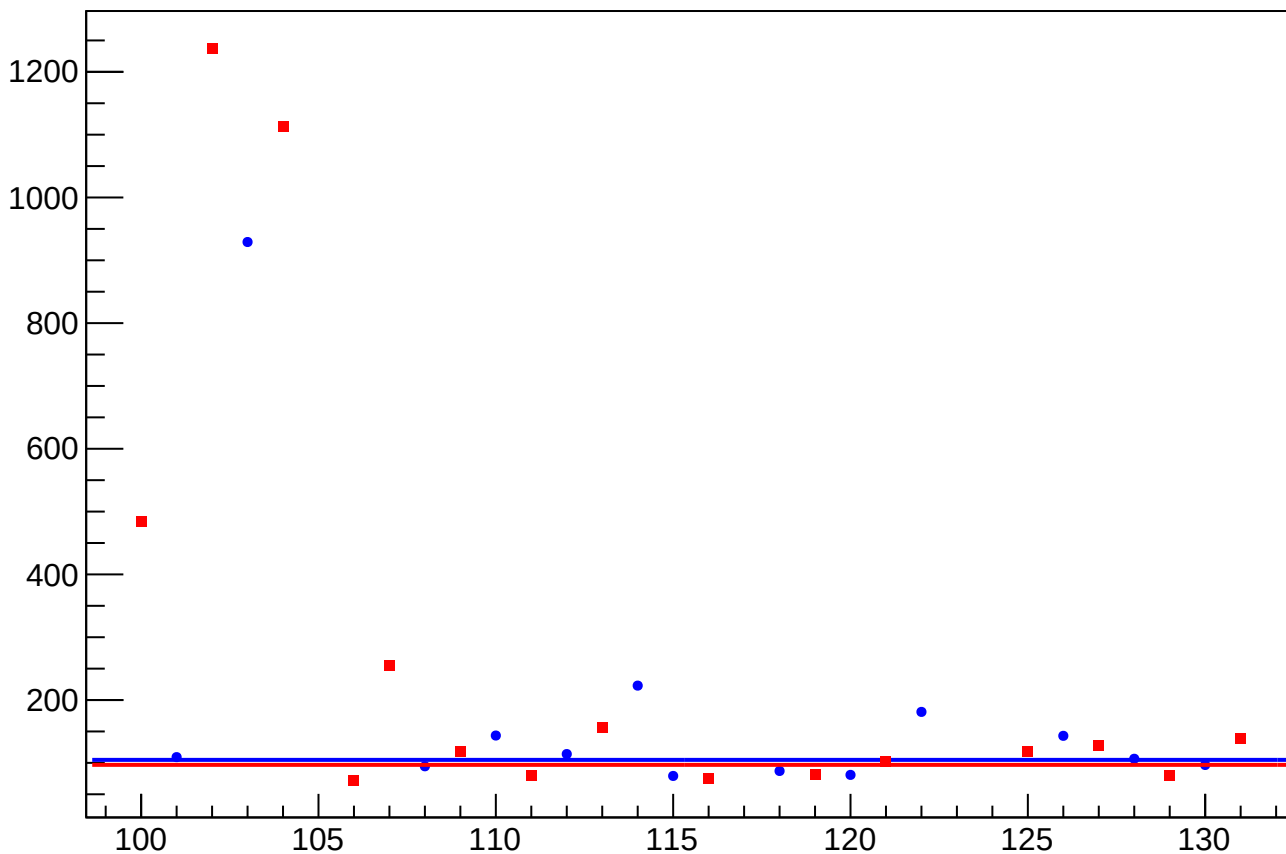
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.027 $\pm$ 0.035 χ^2 /NDF: 30.3/27

- 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: 104.765 $\pm$ 0.037 χ^2 /NDF: 1355521.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 96.836 $\pm$ 0.034 χ^2 /NDF: 2309902.4/14

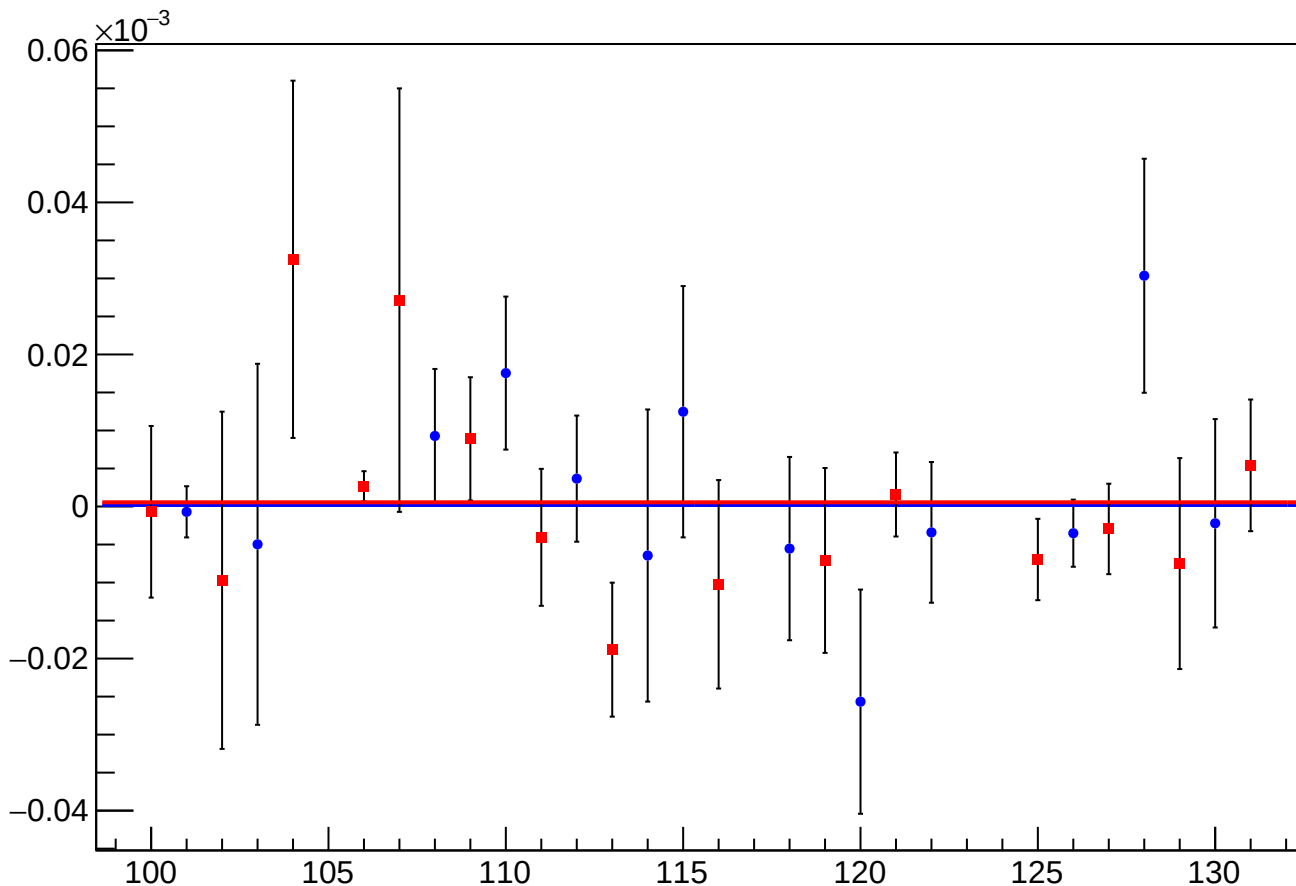
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.506 $\pm$ 0.025 χ^2 /NDF: 3690557.7/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.3/14

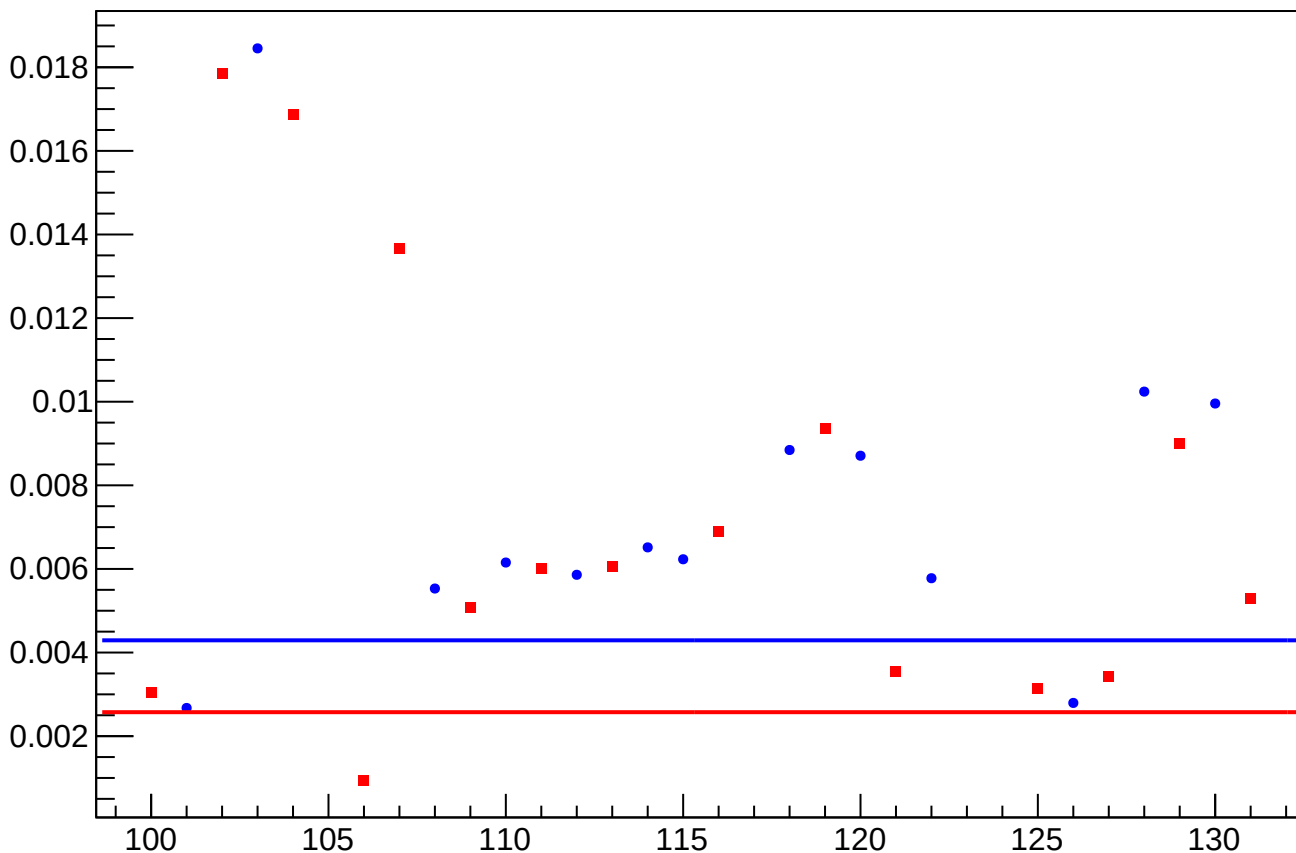
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 27.3/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 2793786.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 5745731.6/14

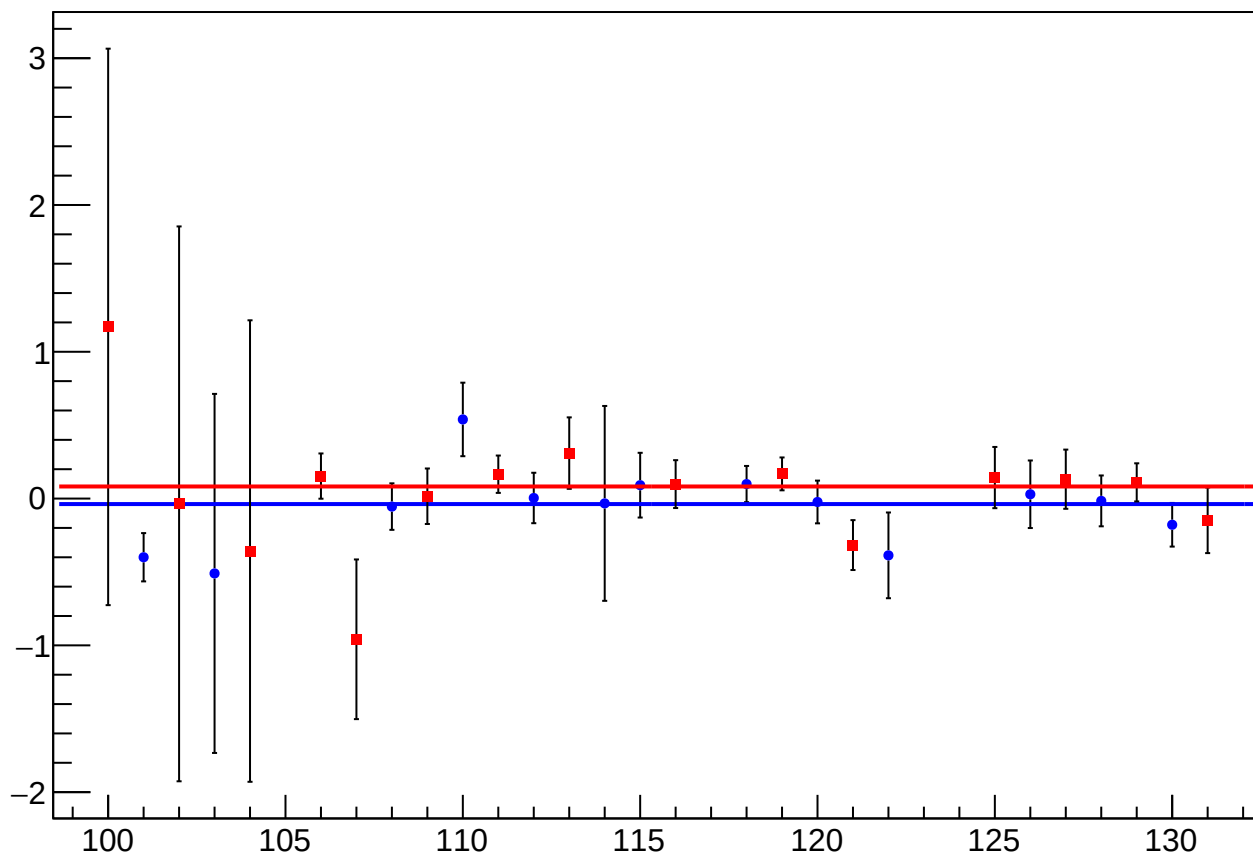
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 9395666.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.037 +/- 0.052 χ^2/NDF : 14.4/12

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 0.082 +/- 0.048 χ^2/NDF : 13.1/14

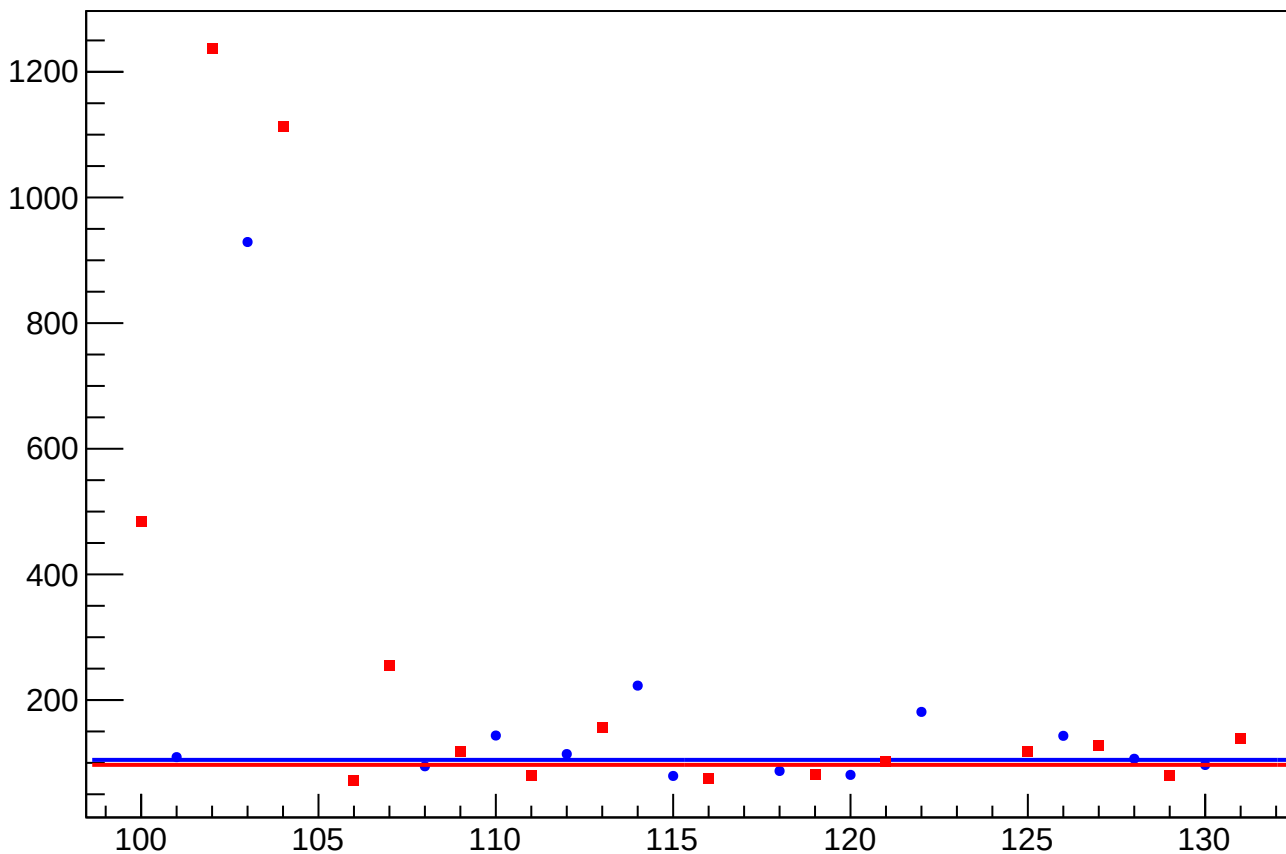
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 0.027 +/- 0.035 χ^2/NDF : 30.3/27

- sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 104.762 $\pm$ 0.037 χ^2 /NDF: 1355543.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 96.835 $\pm$ 0.034 χ^2 /NDF: 2309895.9/14

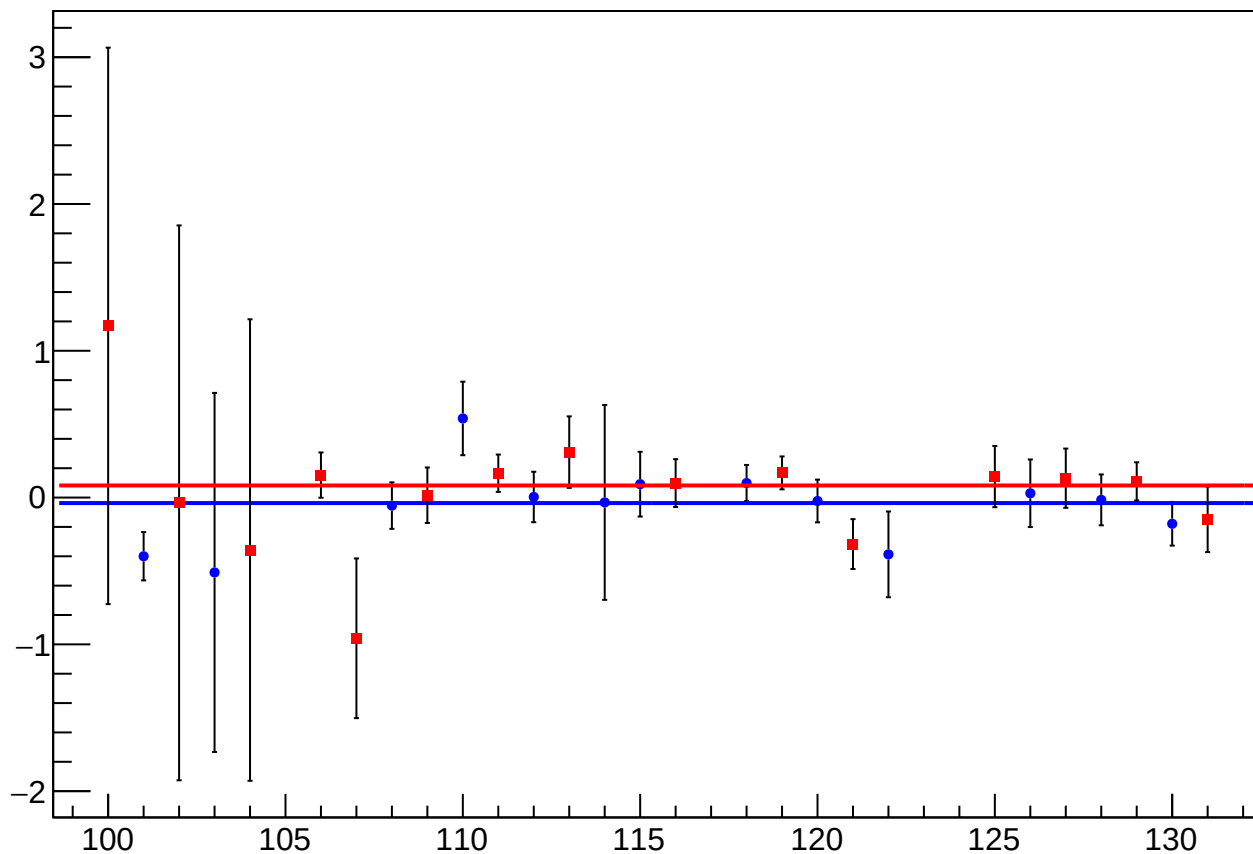
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.504 $\pm$ 0.025 χ^2 /NDF: 3690566.3/27

- sign 0.000 $\pm$ 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: -0.037 $\pm$ 0.052 χ^2 /NDF: 14.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.082 $\pm$ 0.048 χ^2 /NDF: 13.1/14

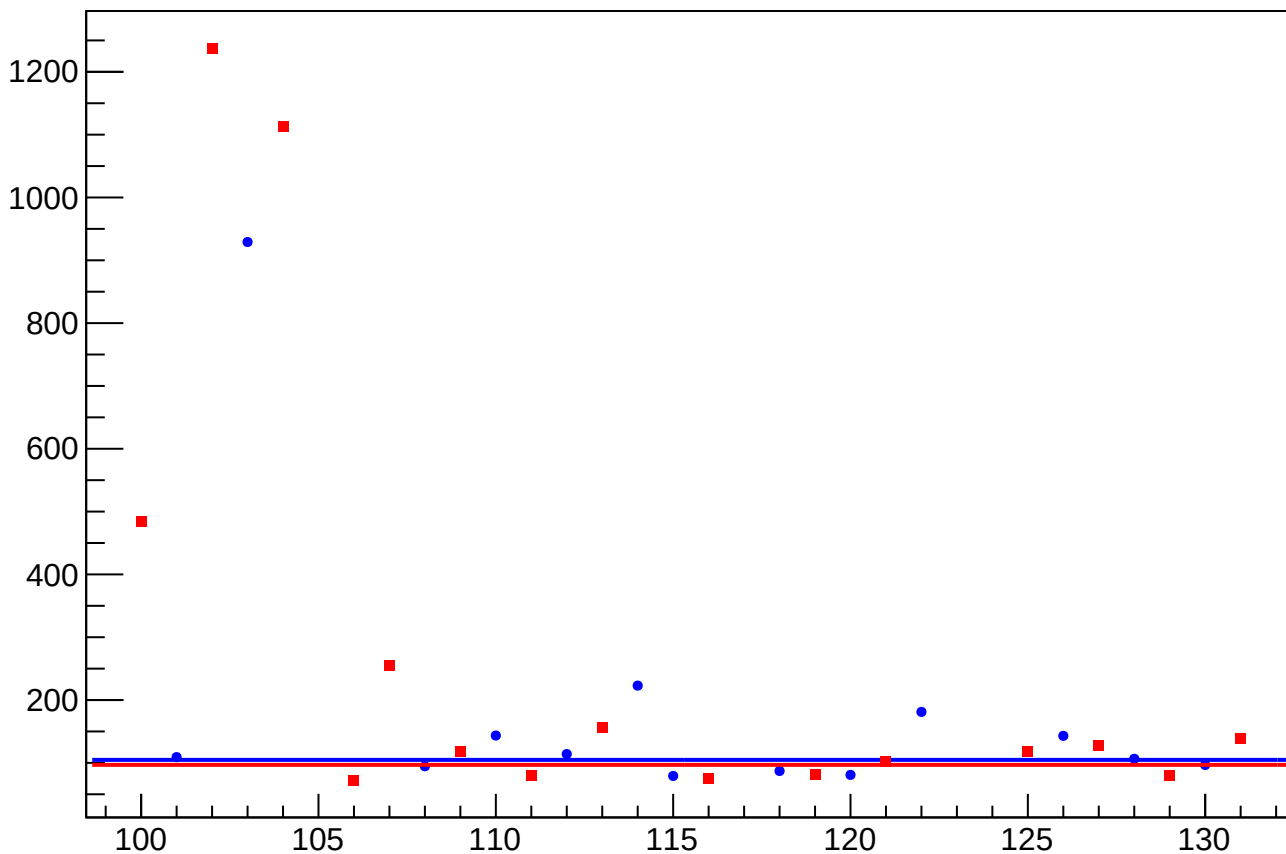
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.027 $\pm$ 0.035 χ^2 /NDF: 30.3/27

- 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: 104.762 $\pm$ 0.037 χ^2 /NDF: 1355543.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 96.835 $\pm$ 0.034 χ^2 /NDF: 2309895.9/14

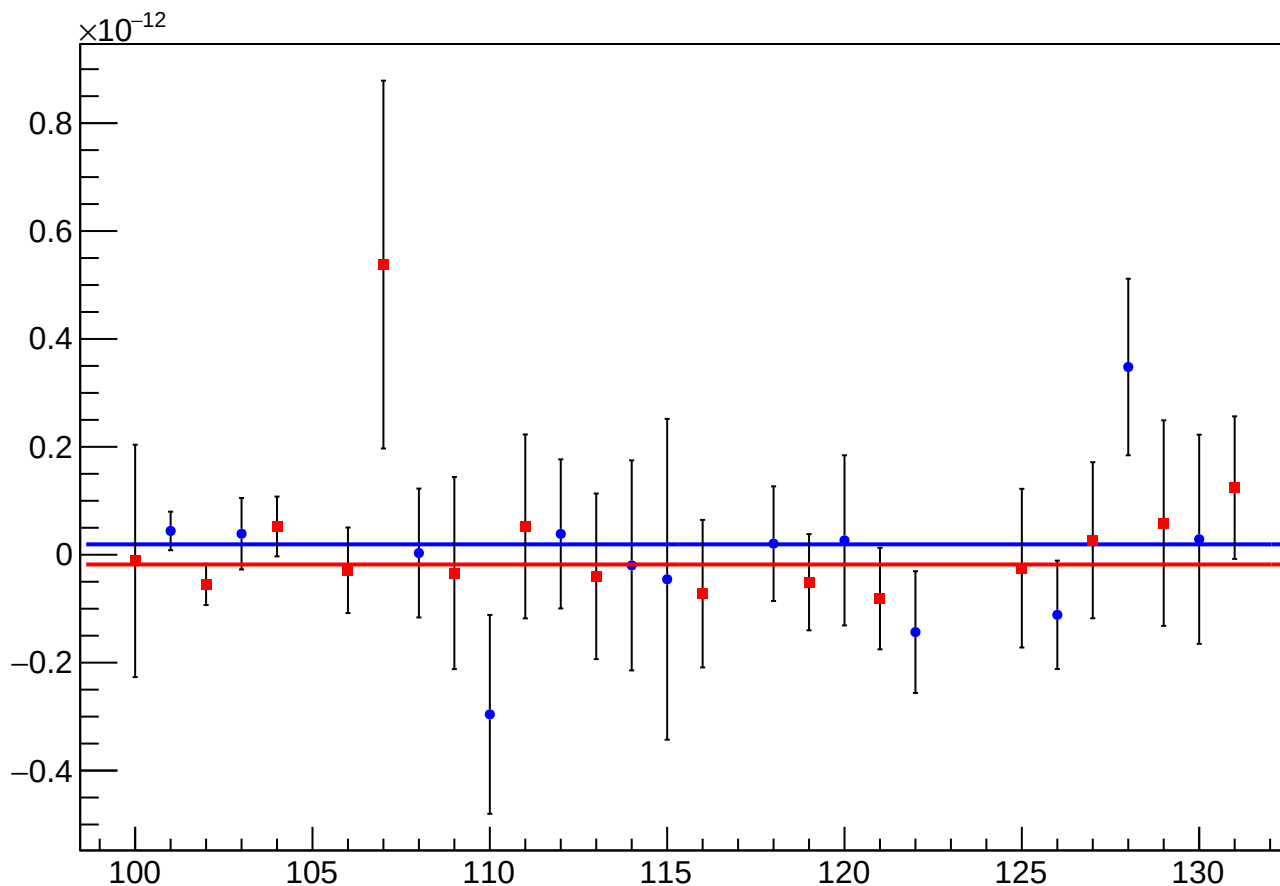
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.504 $\pm$ 0.025 χ^2 /NDF: 3690566.3/27

- sign 0.000 $\pm$ 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+/-0.000 χ^2/NDF : 11.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.6/14

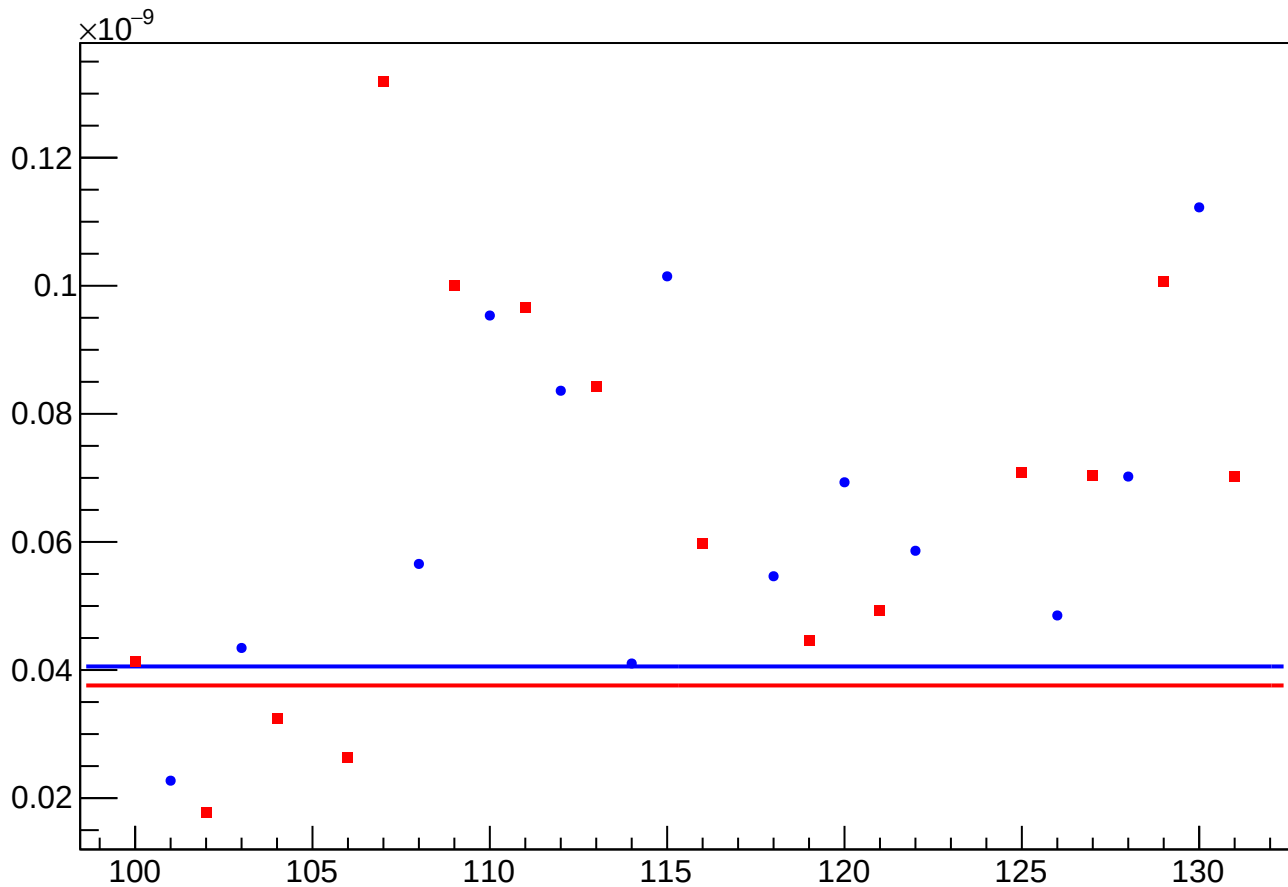
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.2/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1497742.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2061629.6/14

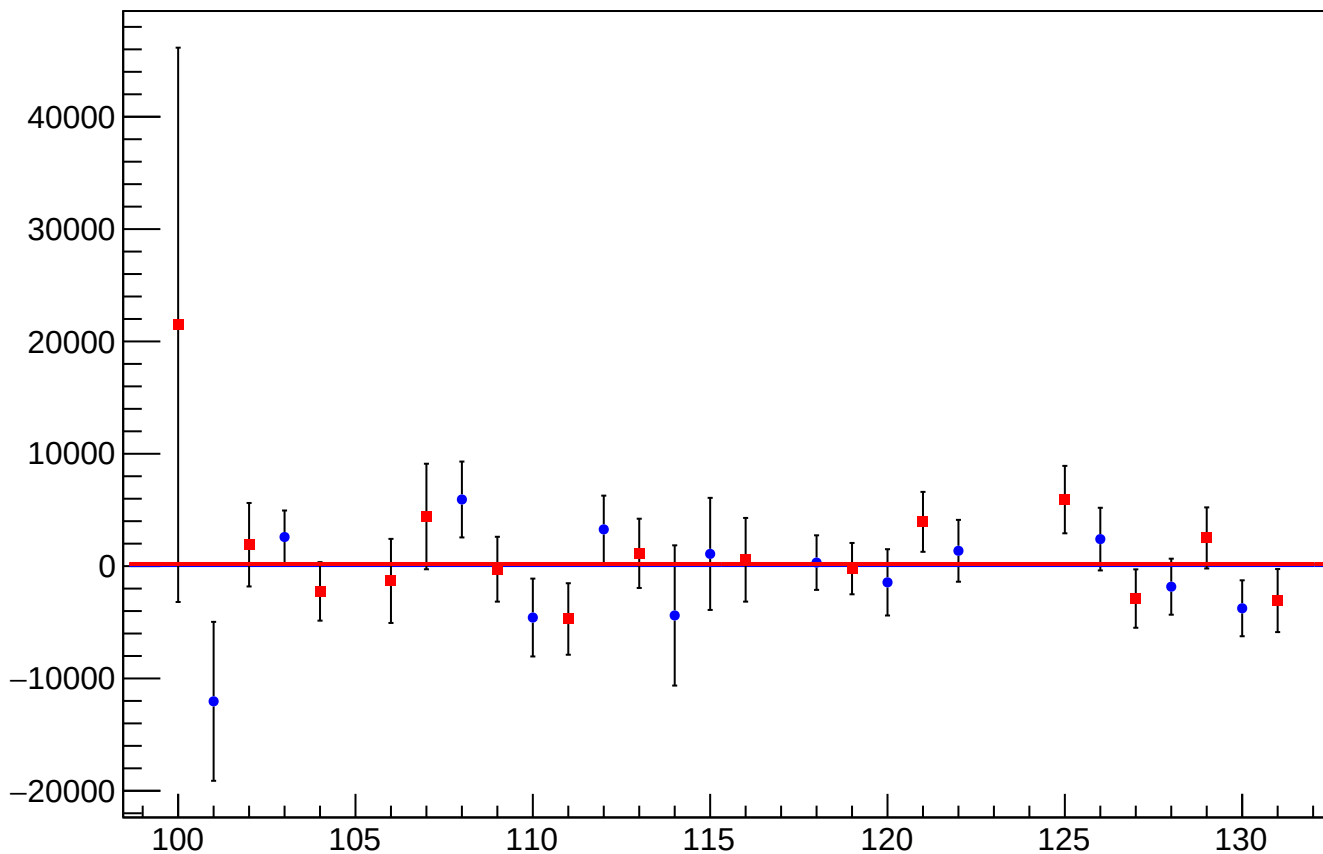
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3574070.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 94.455+/-840.839 χ^2/NDF : 14.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 190.219+/-793.629 χ^2/NDF : 14.4/14

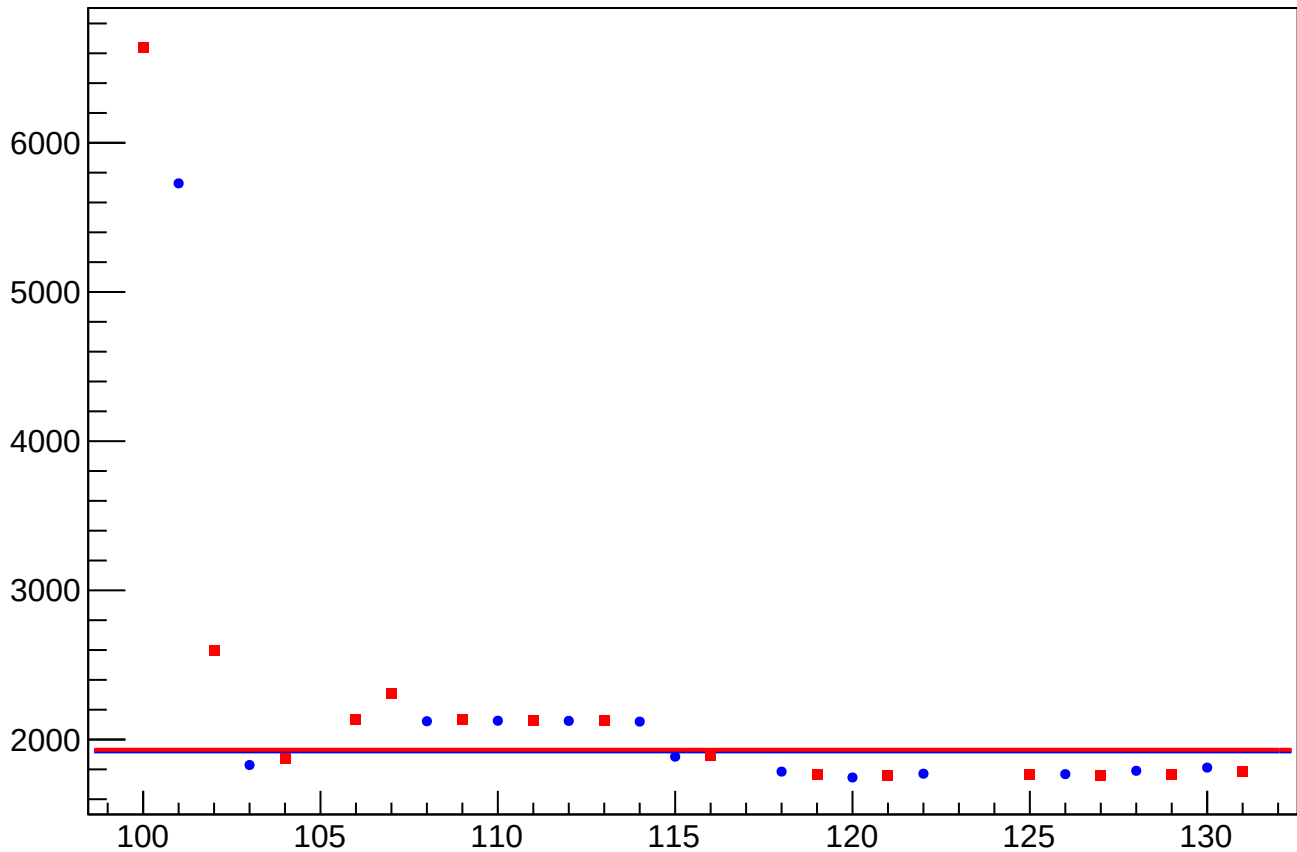
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.101+/-577.149 χ^2/NDF : 29.2/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 1920.616+/-0.595 χ^2/NDF : 642477.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1931.448+/-0.561 χ^2/NDF : 229169.2/14

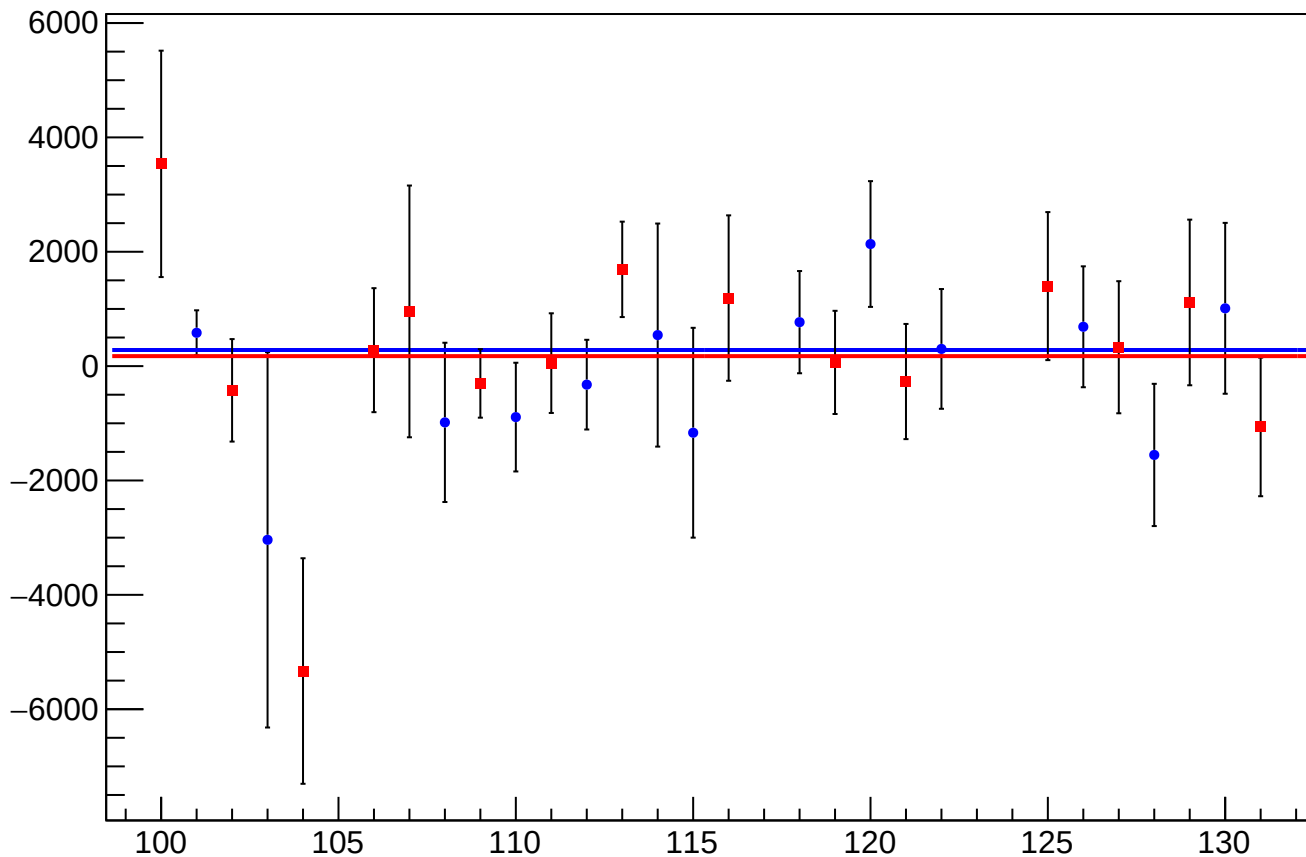
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1926.345+/-0.408 χ^2/NDF : 871822.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_reg_correction_mean vs Slug



Right In: 281.925+/-255.335 χ^2/NDF : 10.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.813+/-271.679 χ^2/NDF : 18.3/14

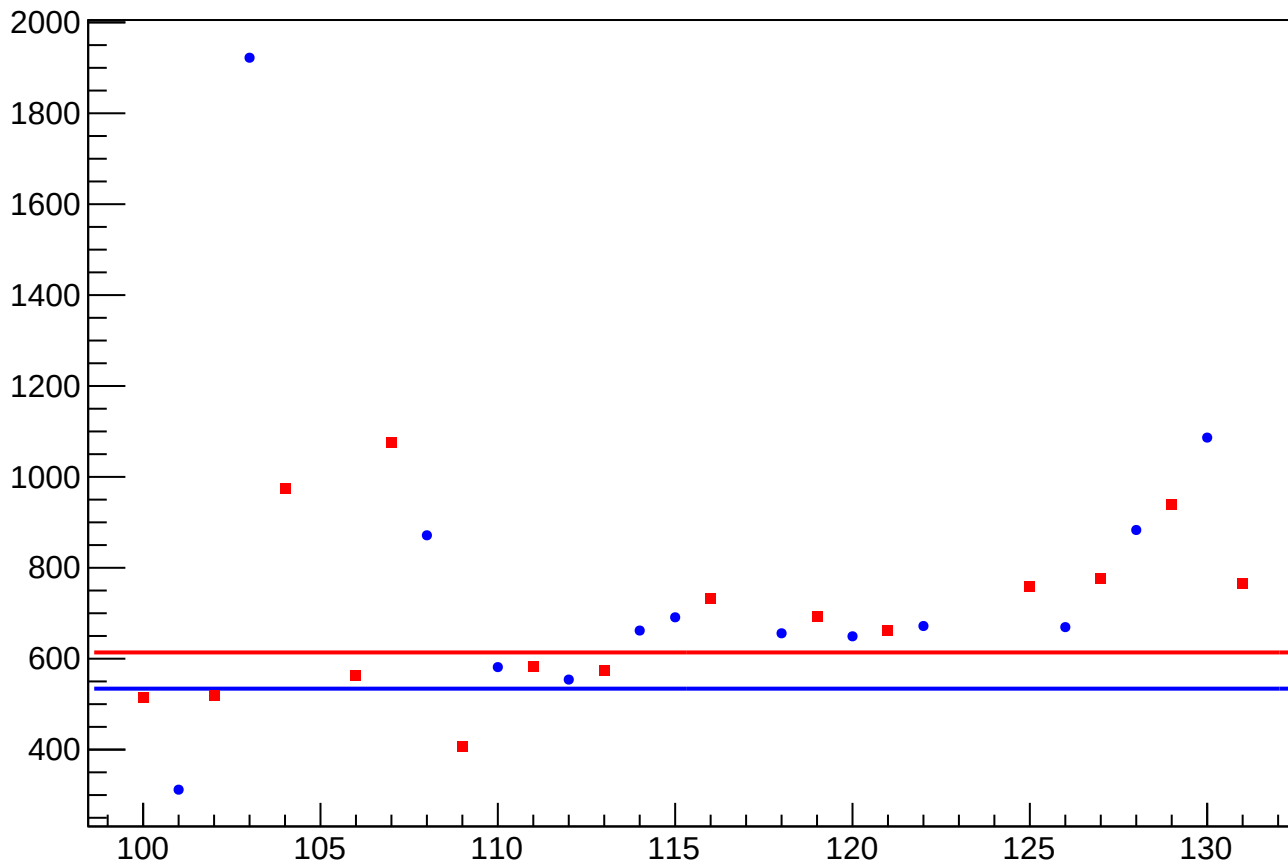
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 231.687+/-186.059 χ^2/NDF : 29.3/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_reg_correction_rms vs Slug



Right In: 534.105+/-0.181 χ^2/NDF : 1700197.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 613.778+/-0.192 χ^2/NDF : 662456.7/14

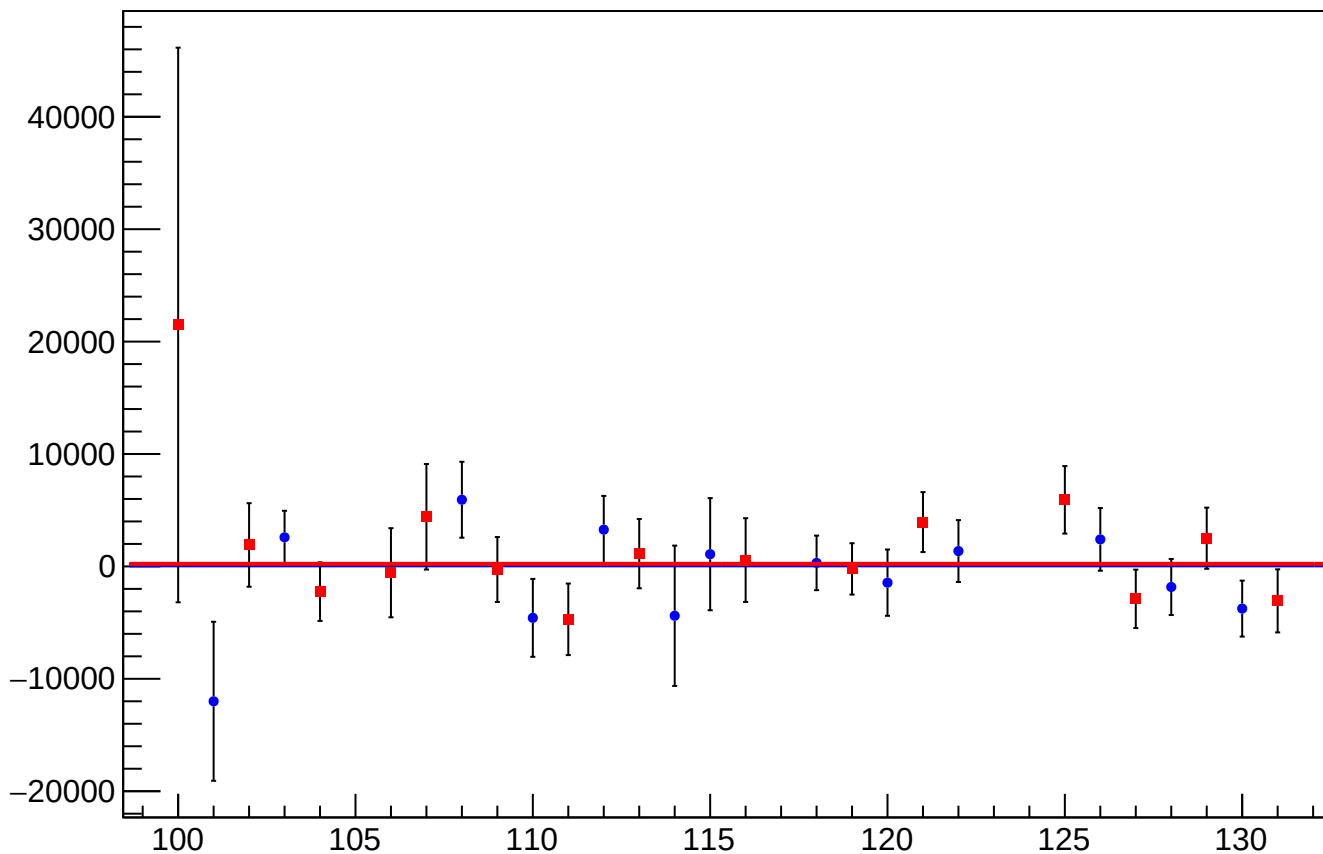
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 571.473+/-0.132 χ^2/NDF : 2453984.2/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 94.664+/-840.839 χ^2/NDF : 14.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 228.318+/-795.580 χ^2/NDF : 14.3/14

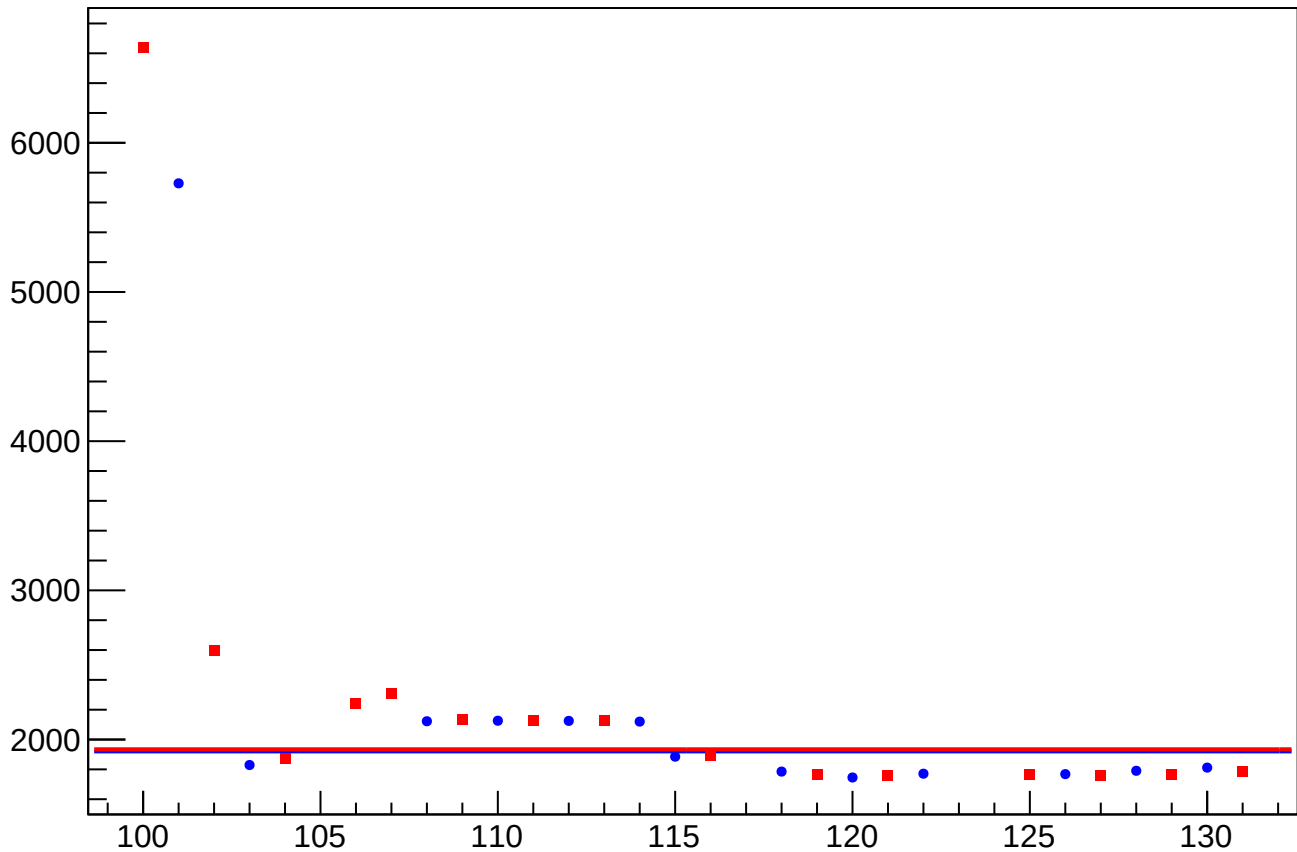
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.185+/-577.898 χ^2/NDF : 29.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 1920.616 $\pm$ 0.595 χ^2 /NDF: 642477.4/12

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

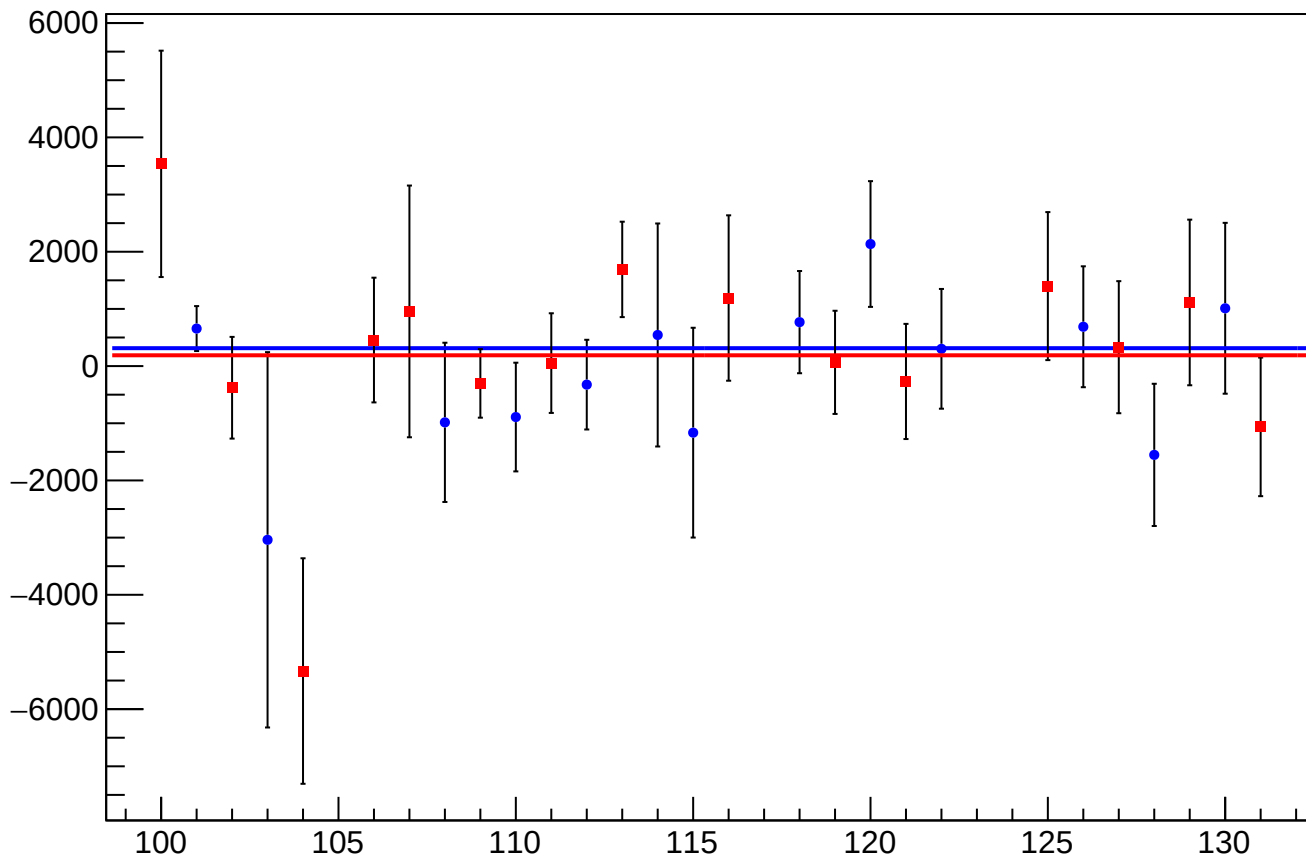
Right Out: 1934.671 $\pm$ 0.563 χ^2 /NDF: 235371.4/14

All: 1928.032 $\pm$ 0.409 χ^2 /NDF: 878143.7/27

- 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: 313.268+/-255.214 χ^2/NDF : 11.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 188.883+/-271.593 χ^2/NDF : 18.3/14

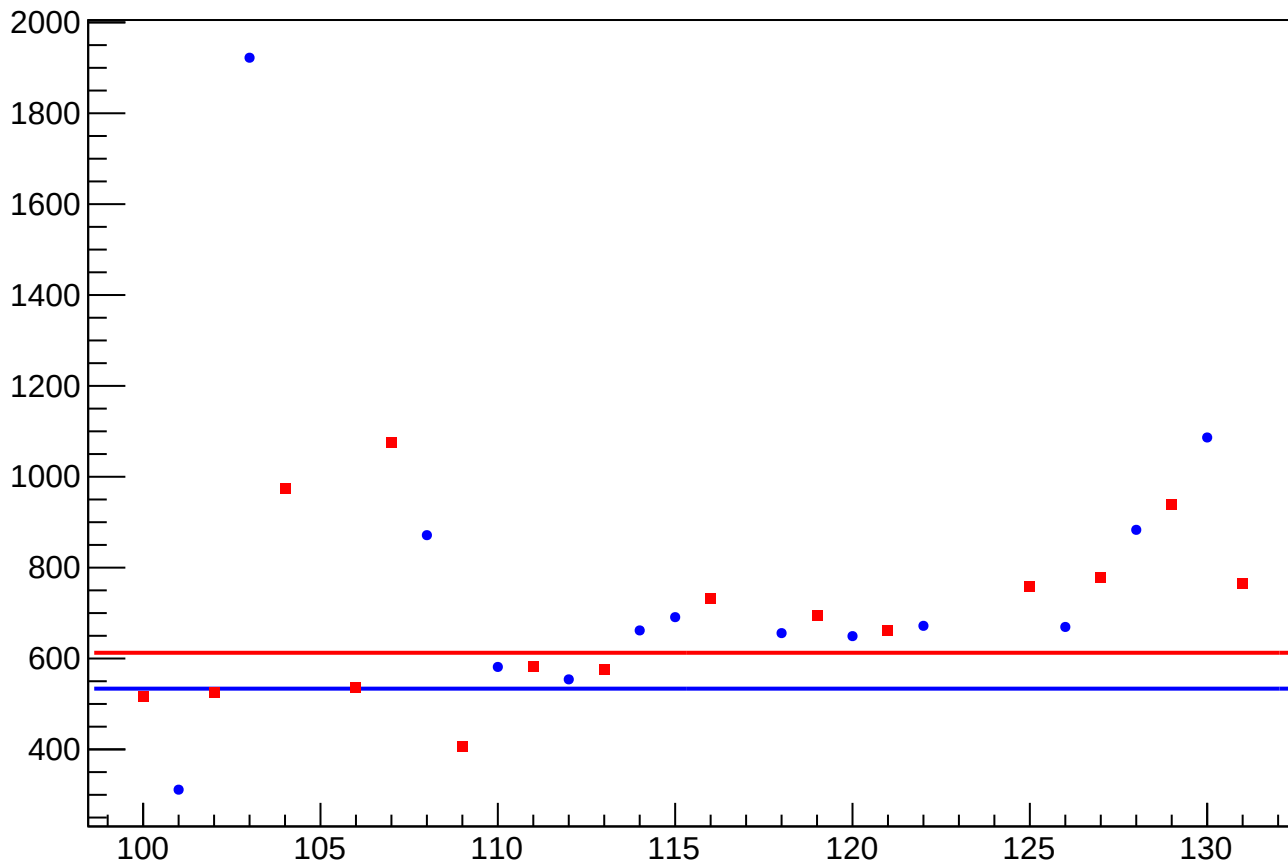
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 254.939+/-185.985 χ^2/NDF : 29.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_cor_correction_rms vs Slug



Right In: 533.683+/-0.180 χ^2/NDF : 1704405.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 612.640+/-0.192 χ^2/NDF : 665270.7/14

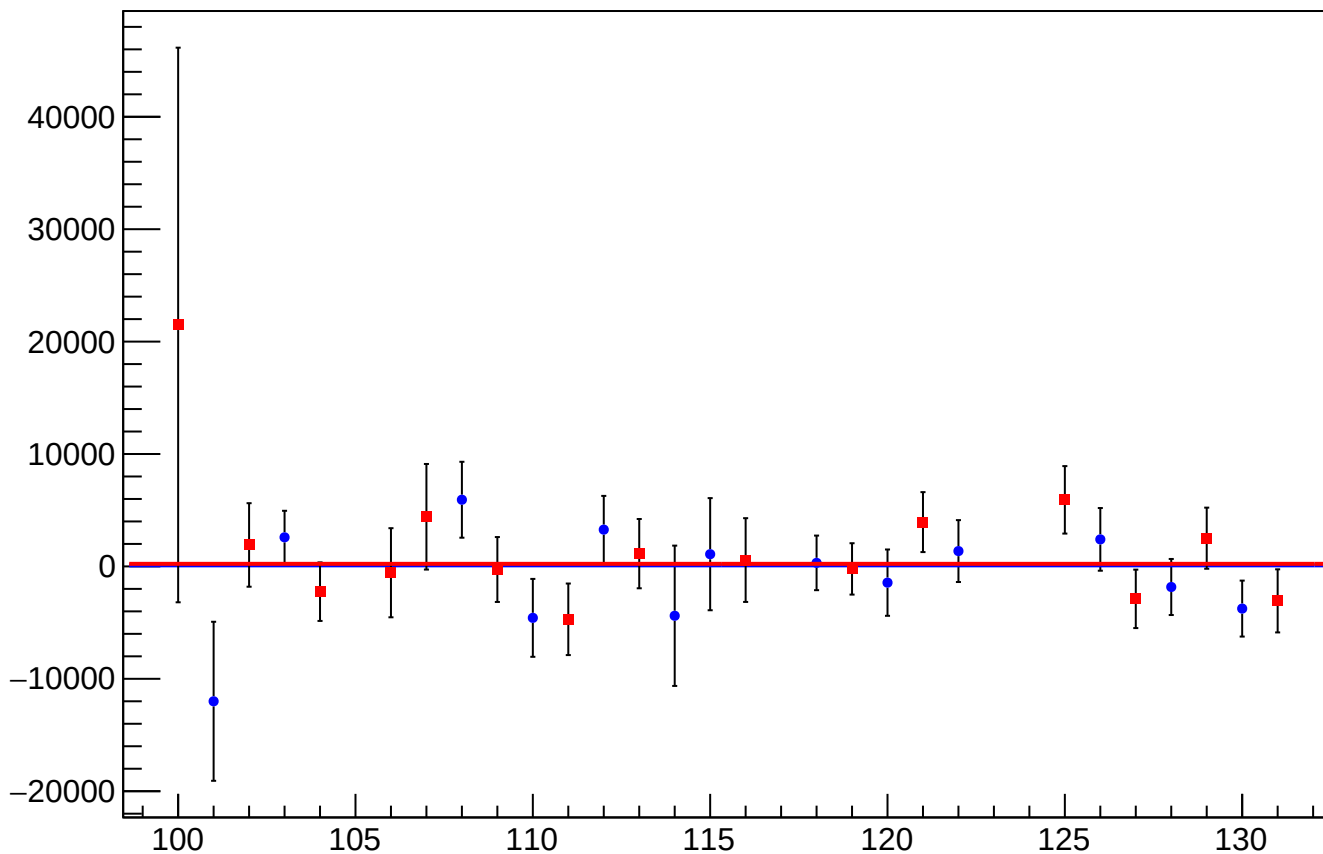
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 570.709+/-0.132 χ^2/NDF : 2459441.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 94.664+/-840.839 χ^2/NDF : 14.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 228.318+/-795.580 χ^2/NDF : 14.3/14

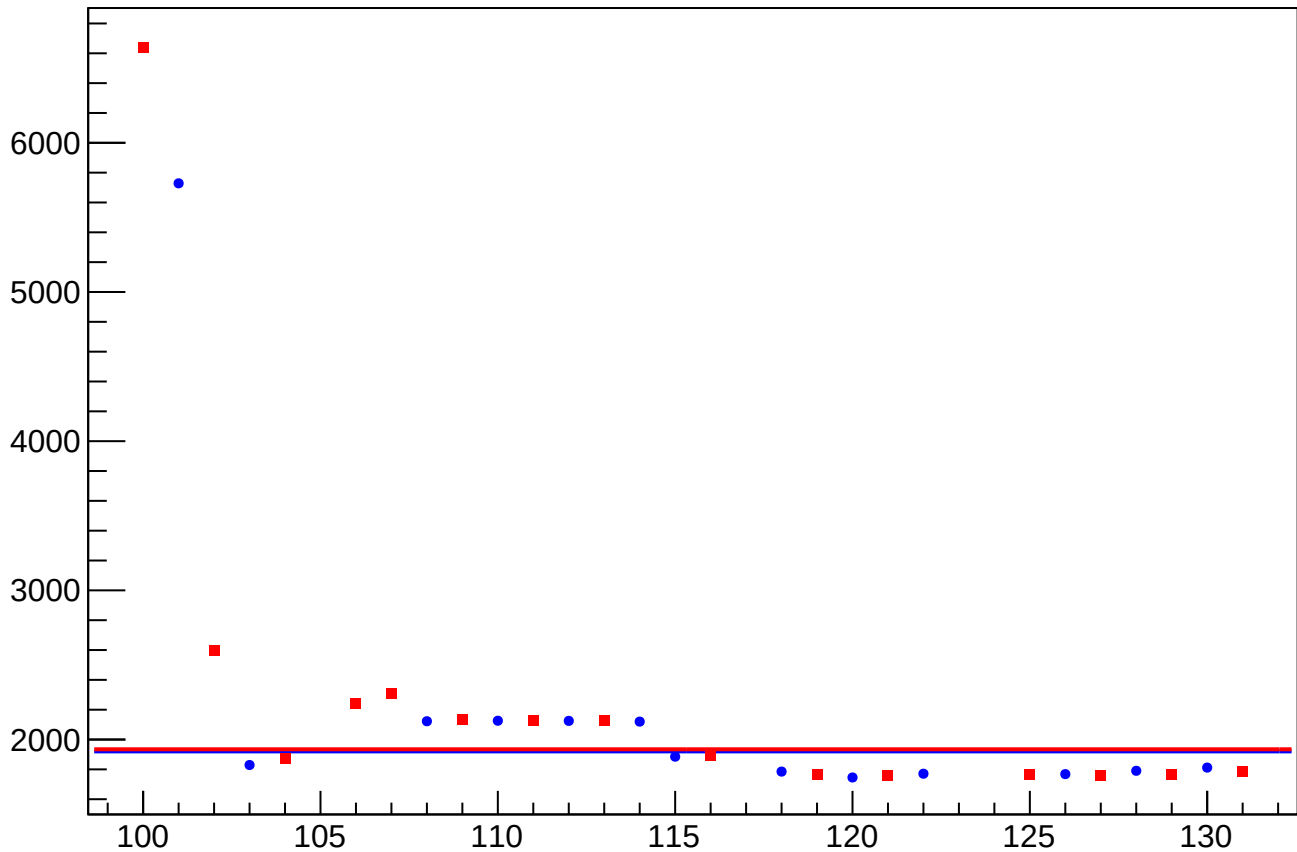
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.185+/-577.898 χ^2/NDF : 29.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 1920.616+/-0.595 χ^2/NDF : 642477.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

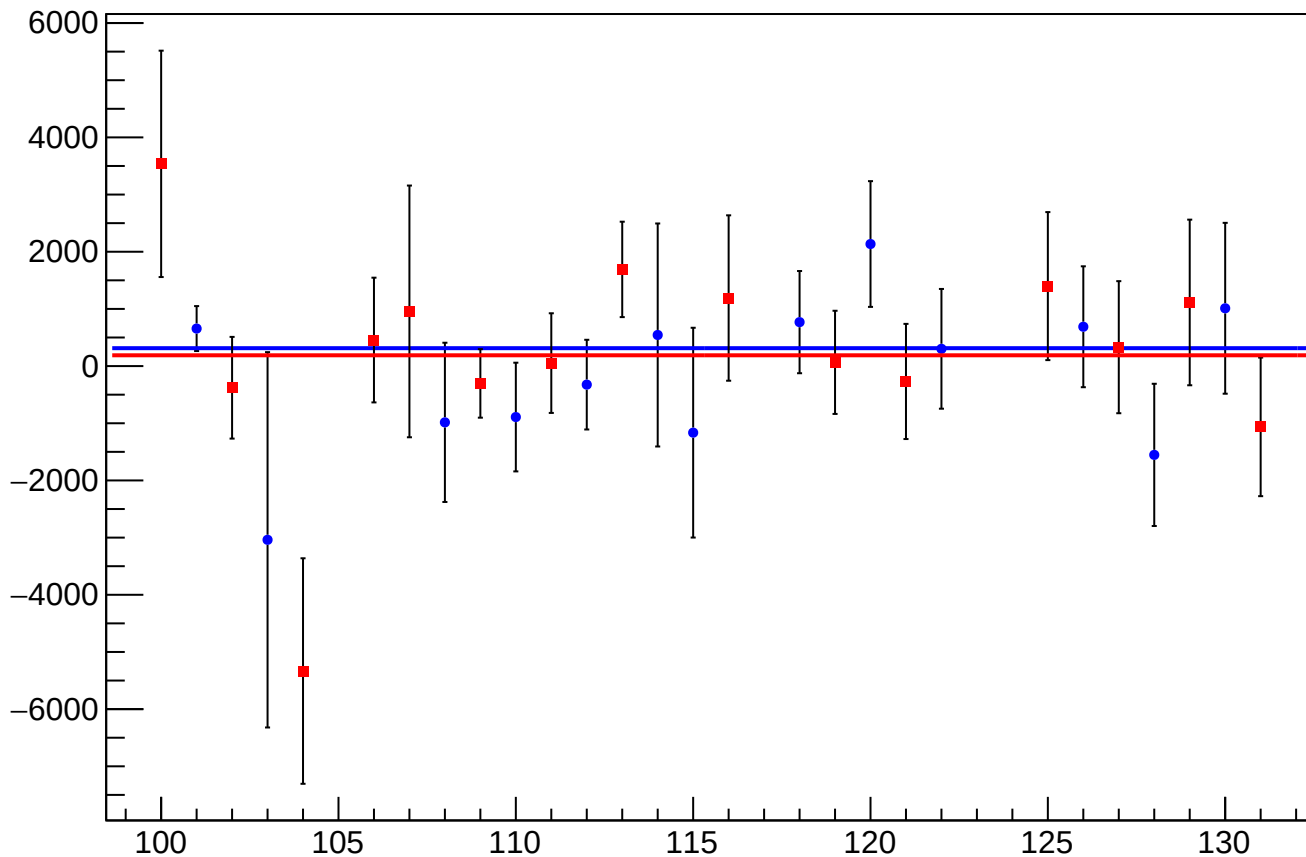
Right Out: 1934.671+/-0.563 χ^2/NDF : 235371.4/14

All: 1928.032+/-0.409 χ^2/NDF : 878143.7/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_mean vs Slug



Right In: 313.268 $\pm$ 255.214 χ^2 /NDF: 11.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 188.883 $\pm$ 271.593 χ^2 /NDF: 18.3/14

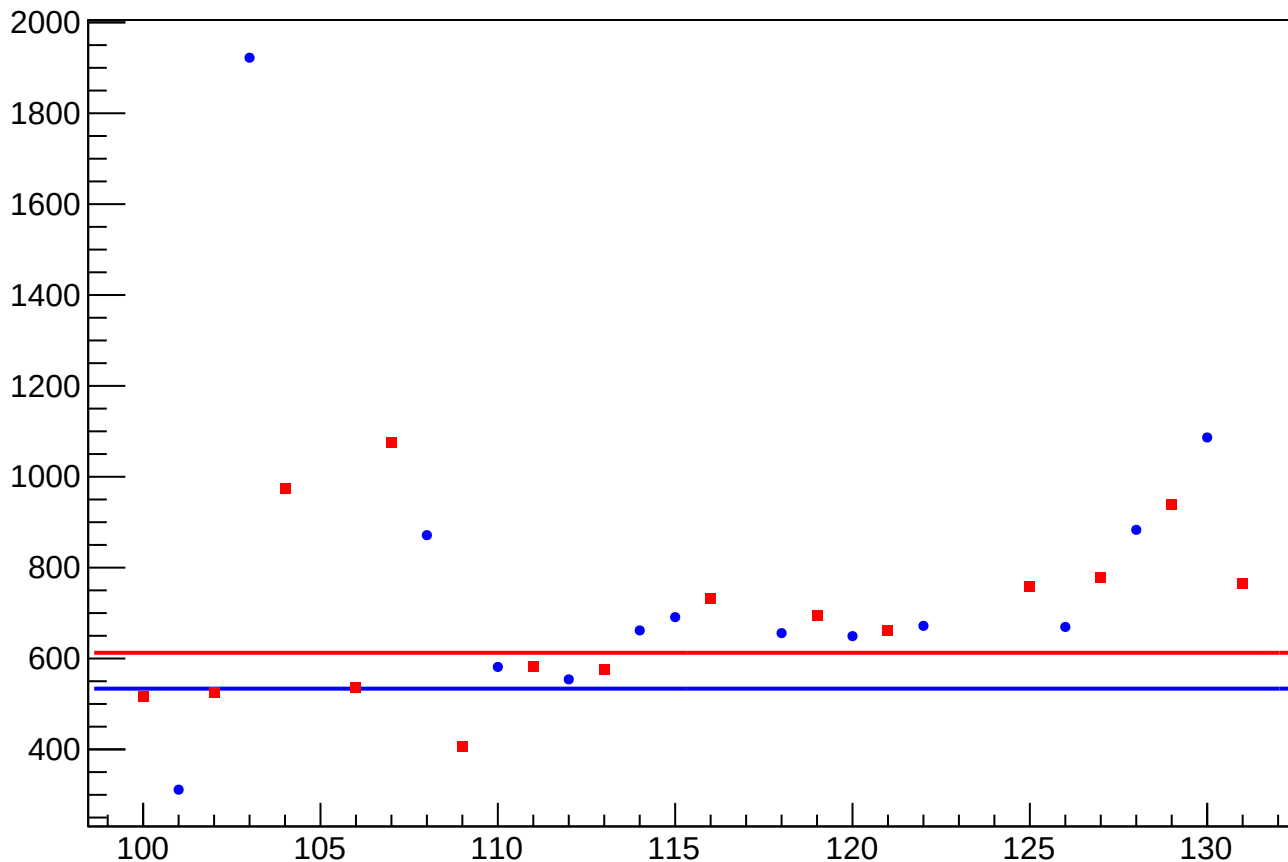
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 254.939 $\pm$ 185.985 χ^2 /NDF: 29.6/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_rms vs Slug



Right In: 533.683+/-0.180 χ^2/NDF : 1704405.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 612.640+/-0.192 χ^2/NDF : 665270.7/14

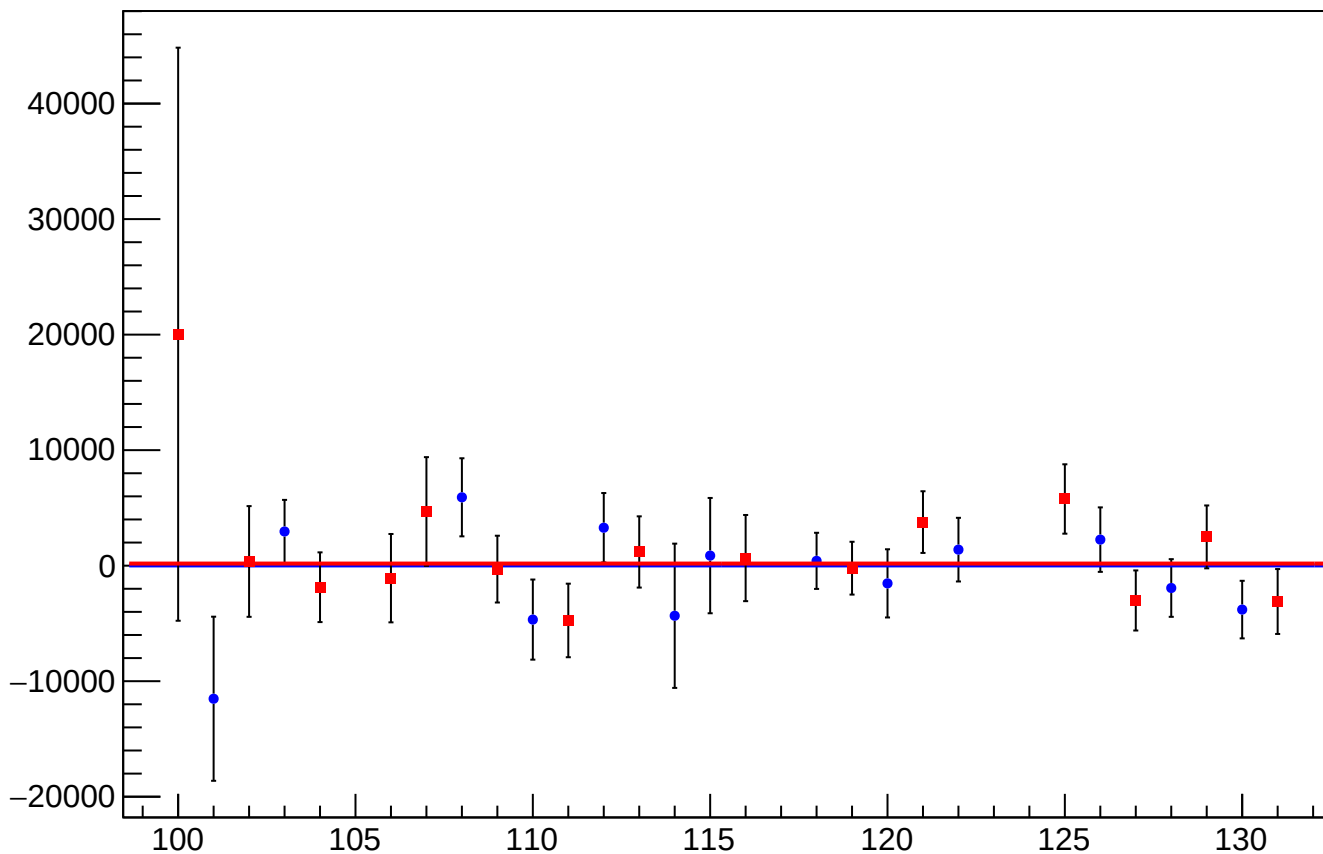
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 570.709+/-0.132 χ^2/NDF : 2459441.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 21.287+/-855.407 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 181.975+/-812.159 χ^2/NDF : 13.6/14

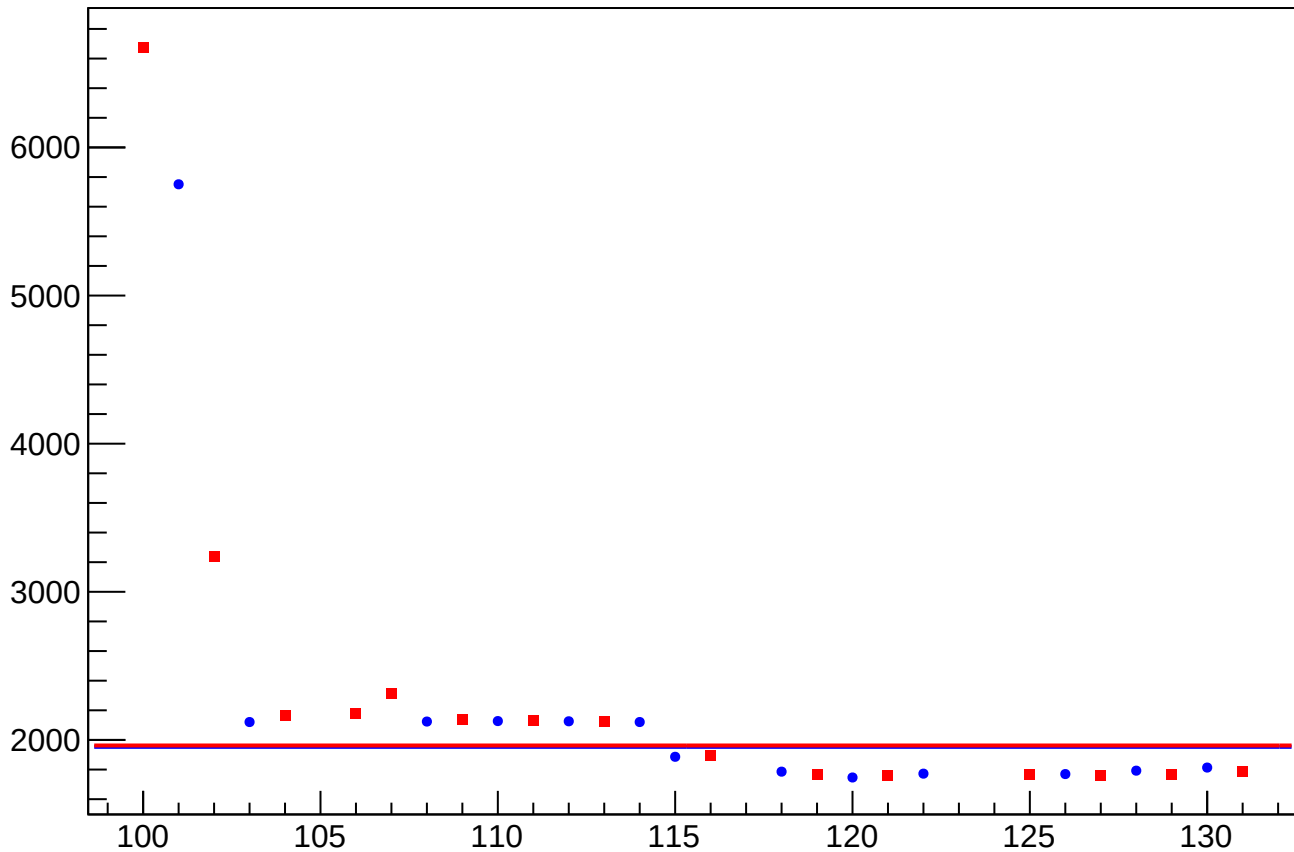
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.796+/-588.979 χ^2/NDF : 28.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 1953.290+/-0.605 χ^2/NDF : 649011.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1962.475+/-0.574 χ^2/NDF : 324103.2/14

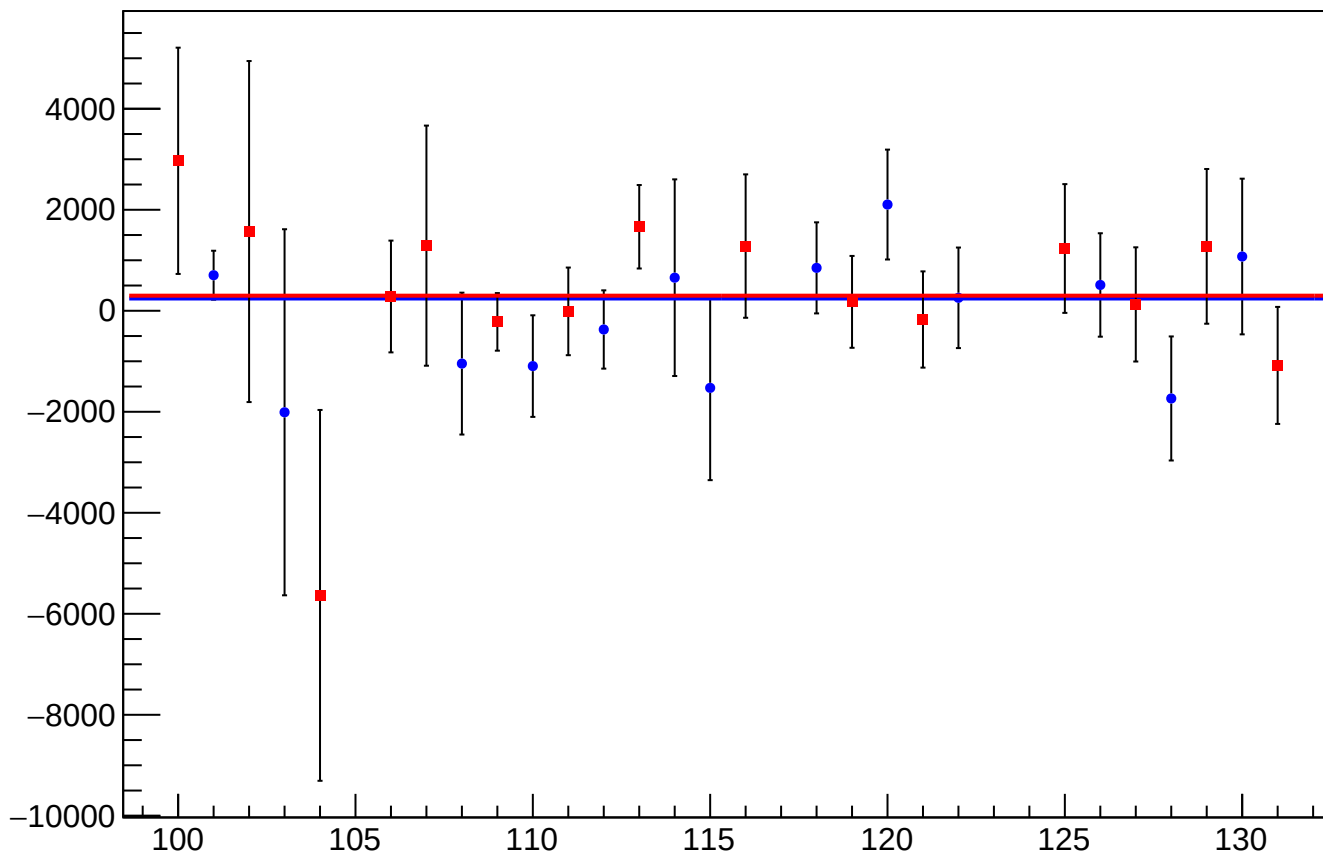
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1958.120+/-0.416 χ^2/NDF : 973236.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_dit_correction_mean vs Slug



Right In: 243.218 $\pm$ 275.394 χ^2 /NDF: 11.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 298.982 $\pm$ 281.722 χ^2 /NDF: 11.2/14

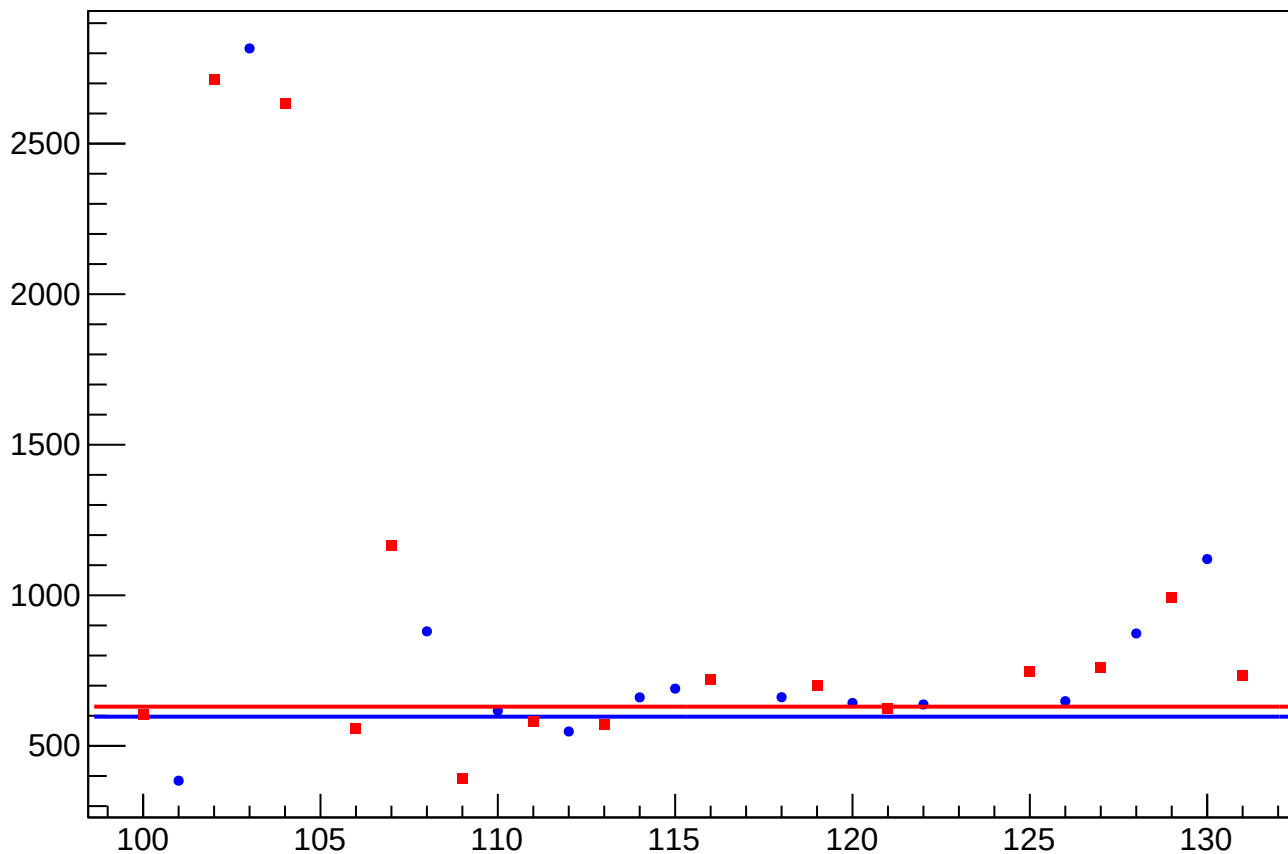
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 270.467 $\pm$ 196.932 χ^2 /NDF: 23.0/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_dit_correction_rms vs Slug



Right In: 596.957+/-0.195 χ^2/NDF : 1586705.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 630.241+/-0.199 χ^2/NDF : 2027717.9/14

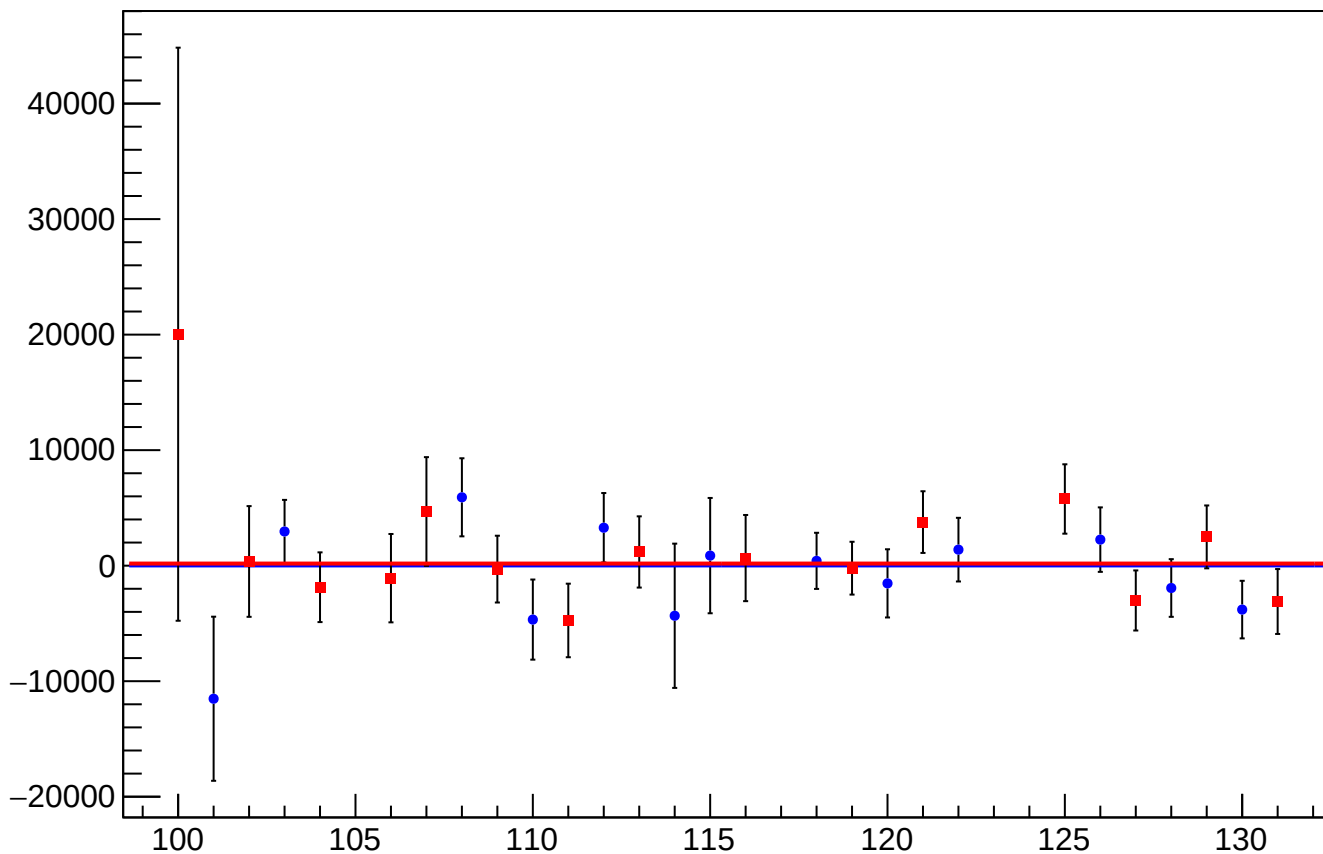
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 613.221+/-0.139 χ^2/NDF : 3628698.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 21.291+/-855.407 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 181.973+/-812.159 χ^2/NDF : 13.6/14

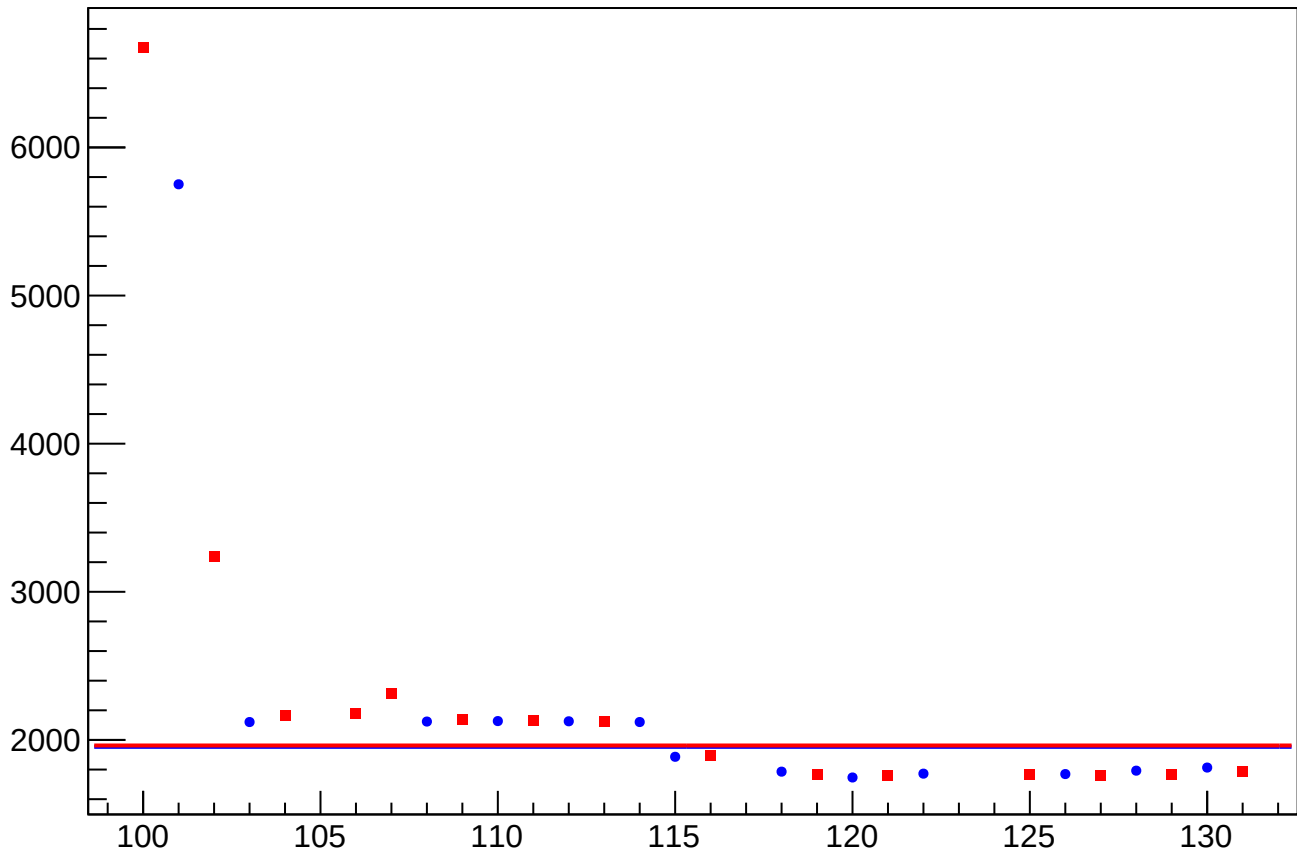
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.796+/-588.979 χ^2/NDF : 28.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 1953.290+/-0.605 χ^2/NDF : 649011.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1962.474+/-0.574 χ^2/NDF : 324102.5/14

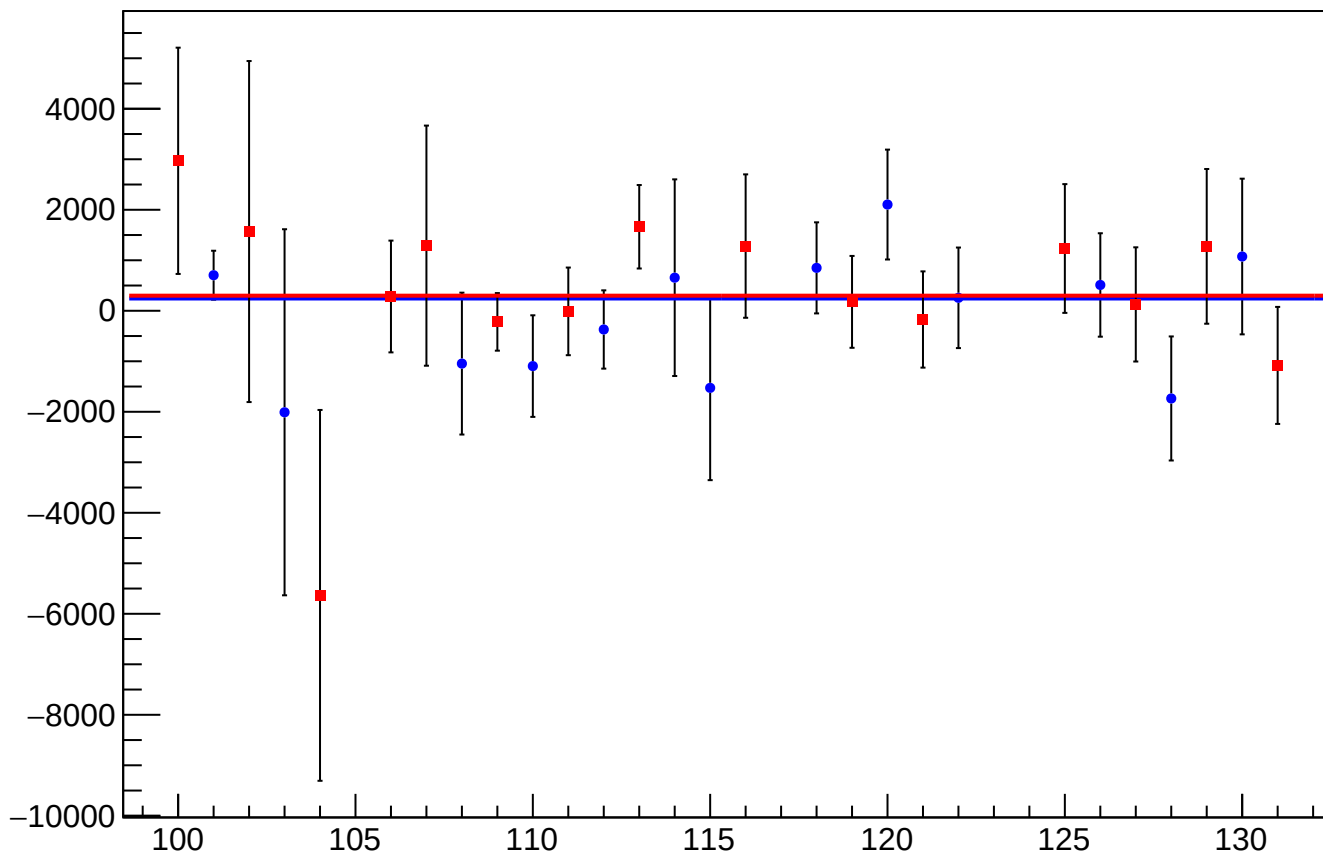
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1958.120+/-0.416 χ^2/NDF : 973235.5/27

- 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: 243.217 $\pm$ 275.393 χ^2 /NDF: 11.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 298.978 $\pm$ 281.721 χ^2 /NDF: 11.2/14

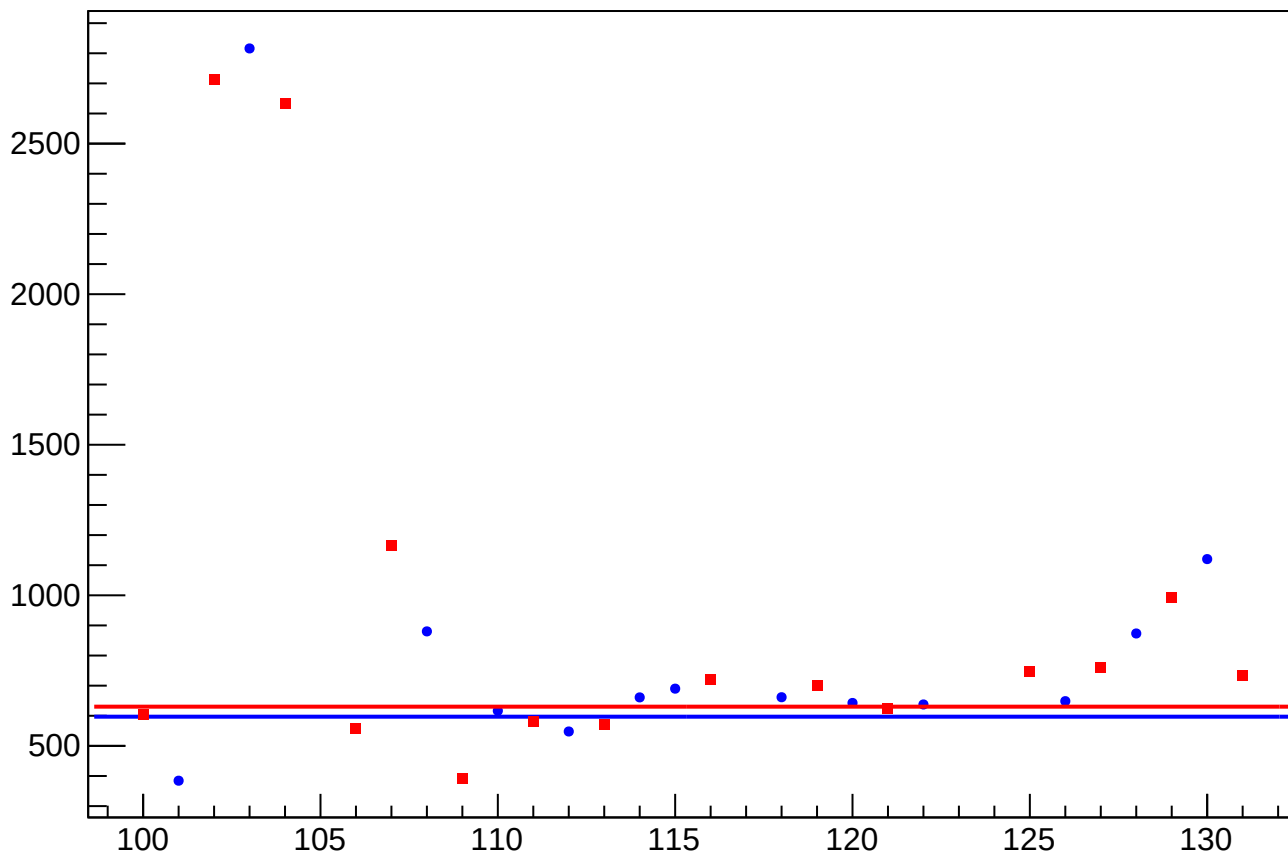
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 270.464 $\pm$ 196.931 χ^2 /NDF: 23.0/27

- 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: 596.955 $\pm$ 0.195 χ^2 /NDF: 1586692.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 630.236 $\pm$ 0.199 χ^2 /NDF: 2027735.3/14

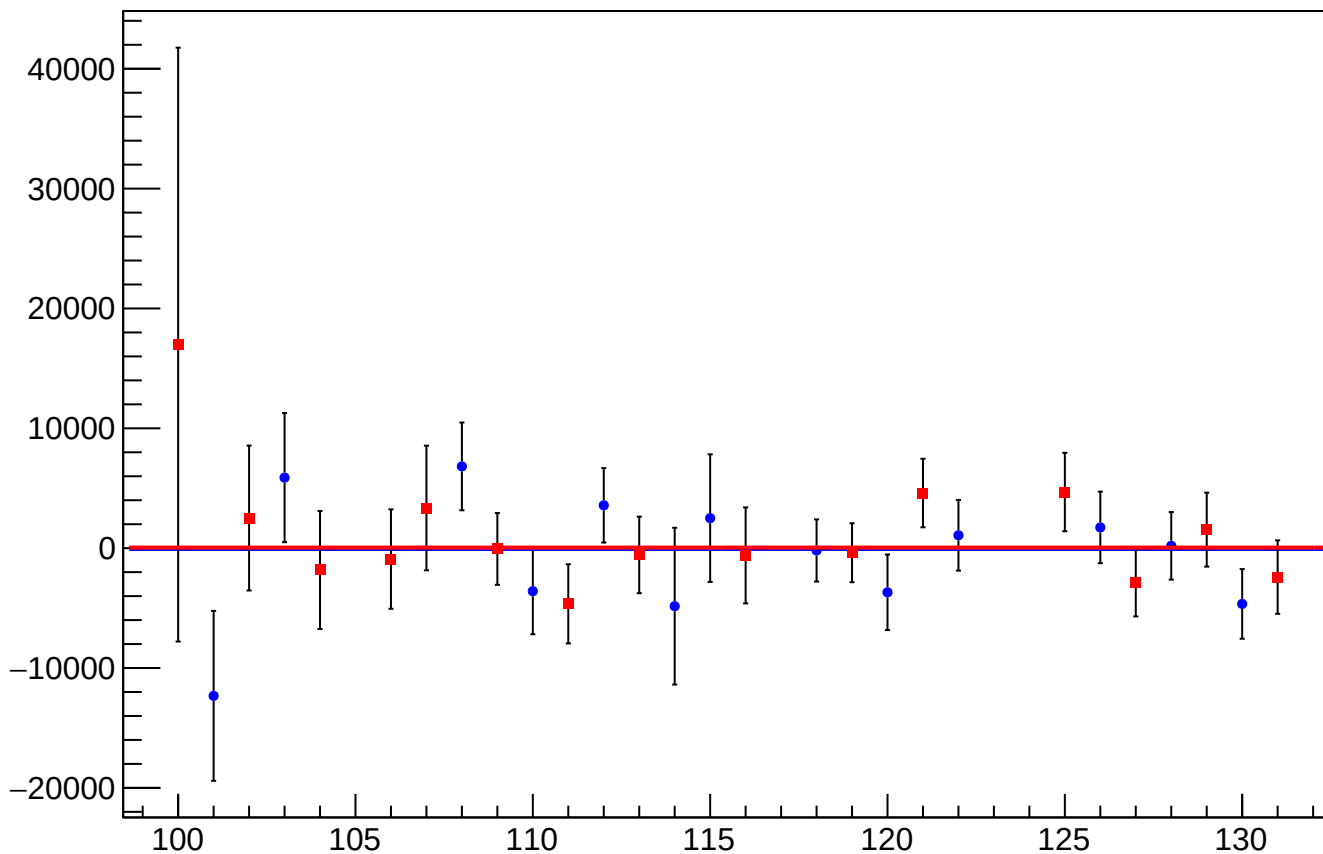
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 613.218 $\pm$ 0.139 χ^2 /NDF: 3628700.8/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: -66.038 $\pm$ 957.947 χ^2 /NDF: 15.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 50.242 $\pm$ 896.623 χ^2 /NDF: 9.8/14

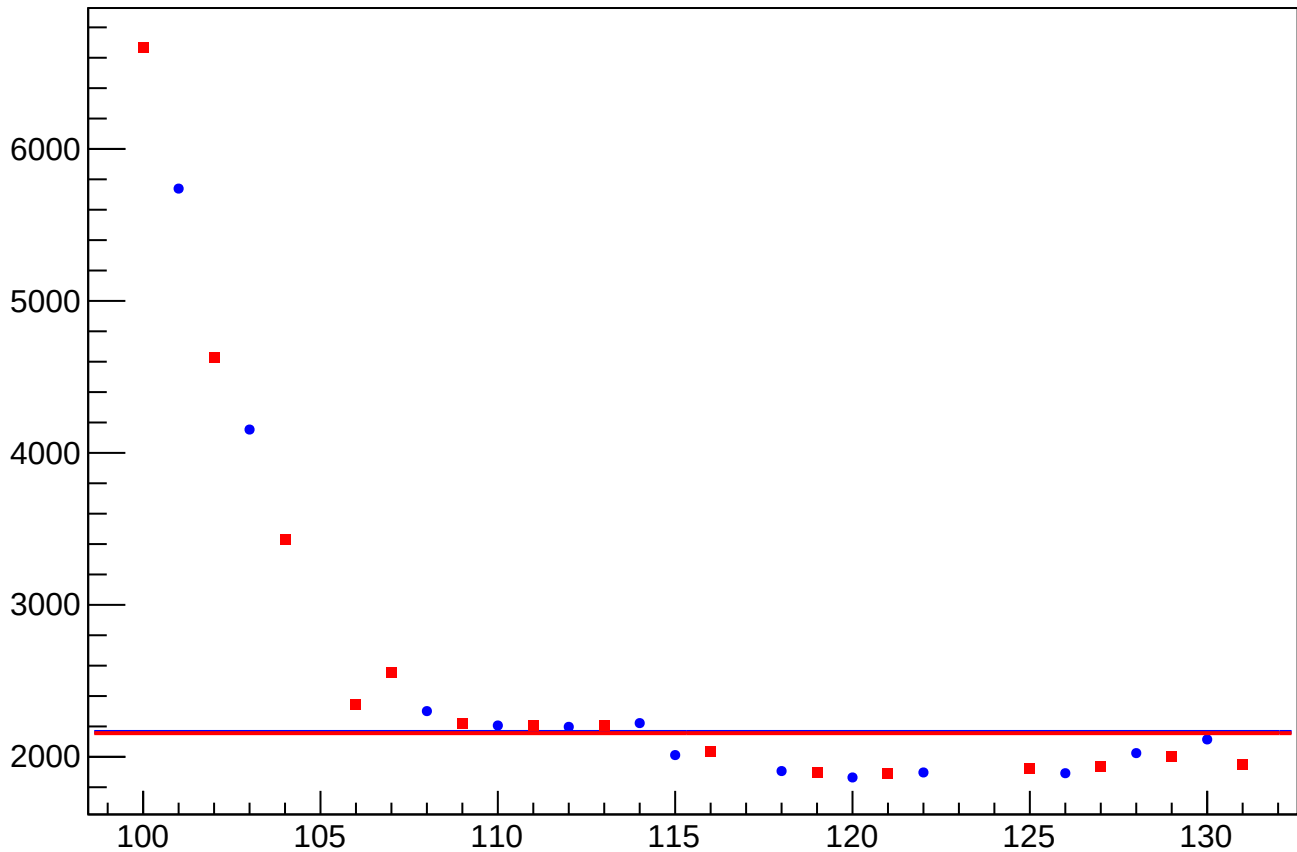
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4.057 $\pm$ 654.615 χ^2 /NDF: 25.0/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 2163.615+/-0.677 χ^2/NDF : 863051.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2155.809+/-0.634 χ^2/NDF : 629355.8/14

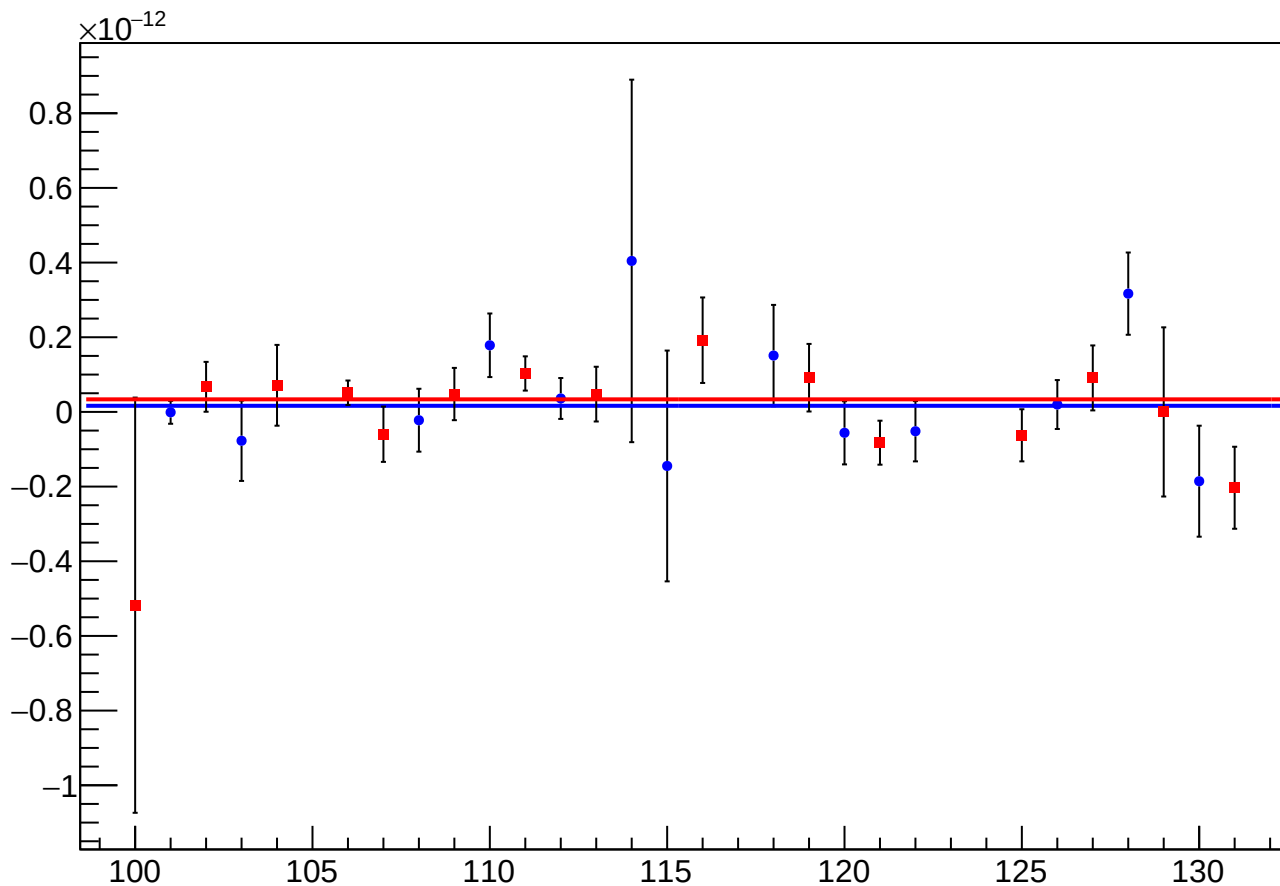
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2159.454+/-0.463 χ^2/NDF : 1492478.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 17.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.8/14

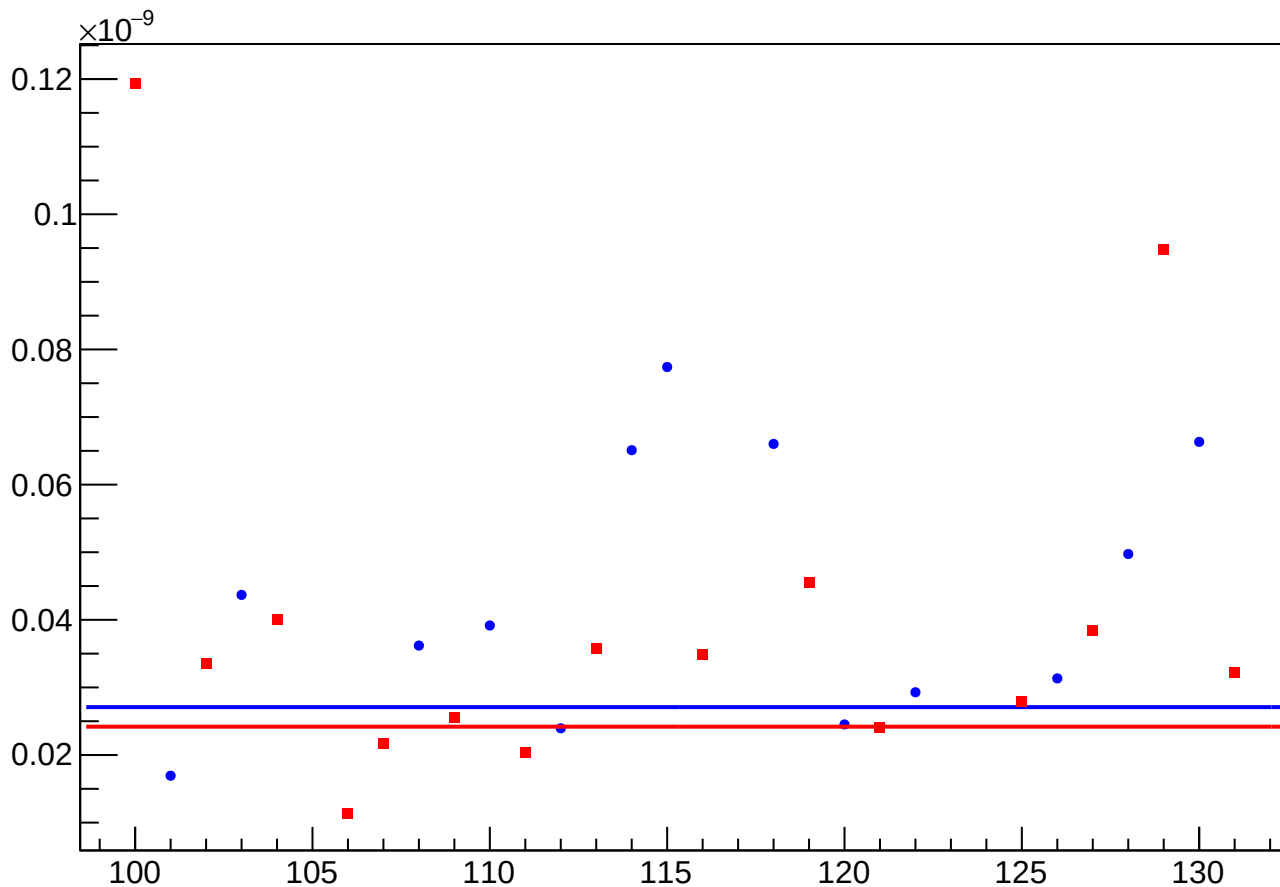
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 36.9/27

- 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 : 801597.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 908087.7/14

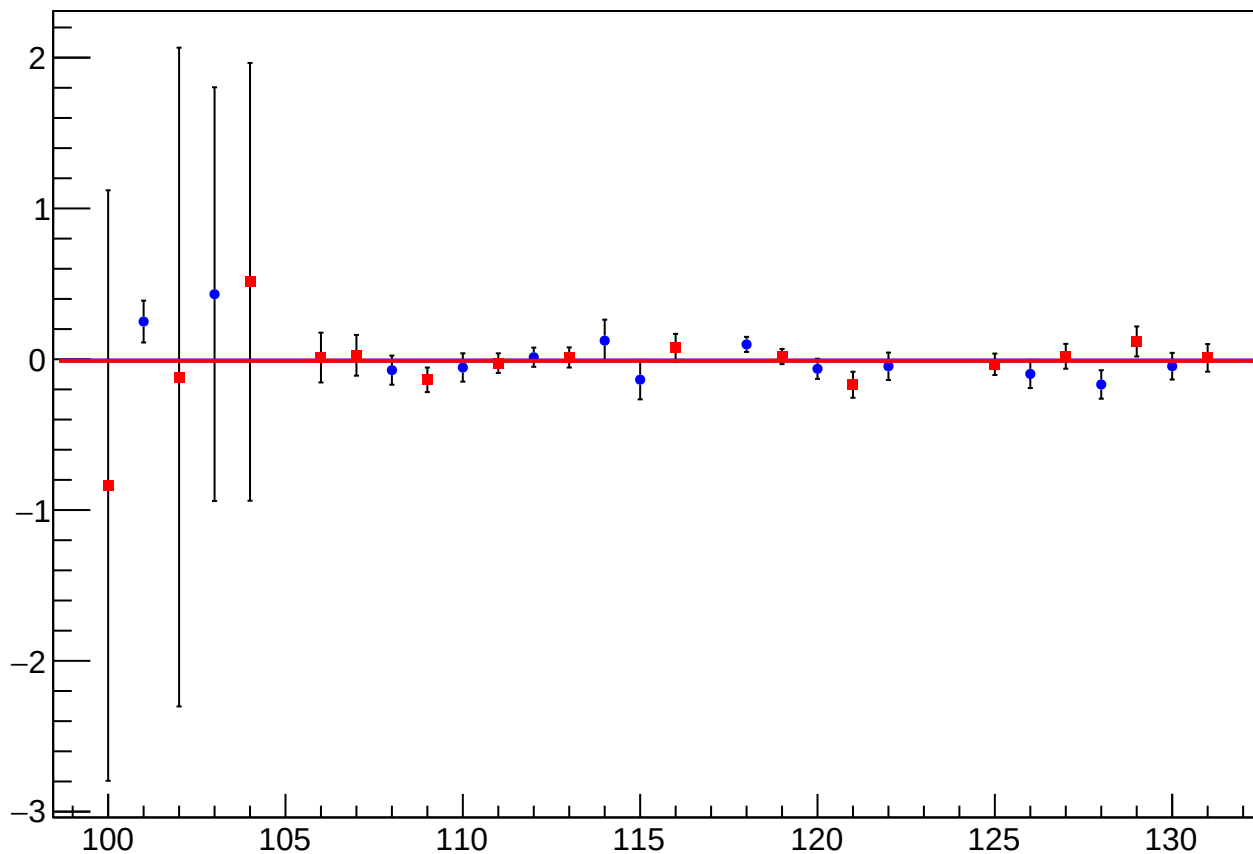
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1733079.7/27

- 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: -0.009 ± 0.024 χ^2/NDF : 15.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.010 ± 0.023 χ^2/NDF : 9.5/14

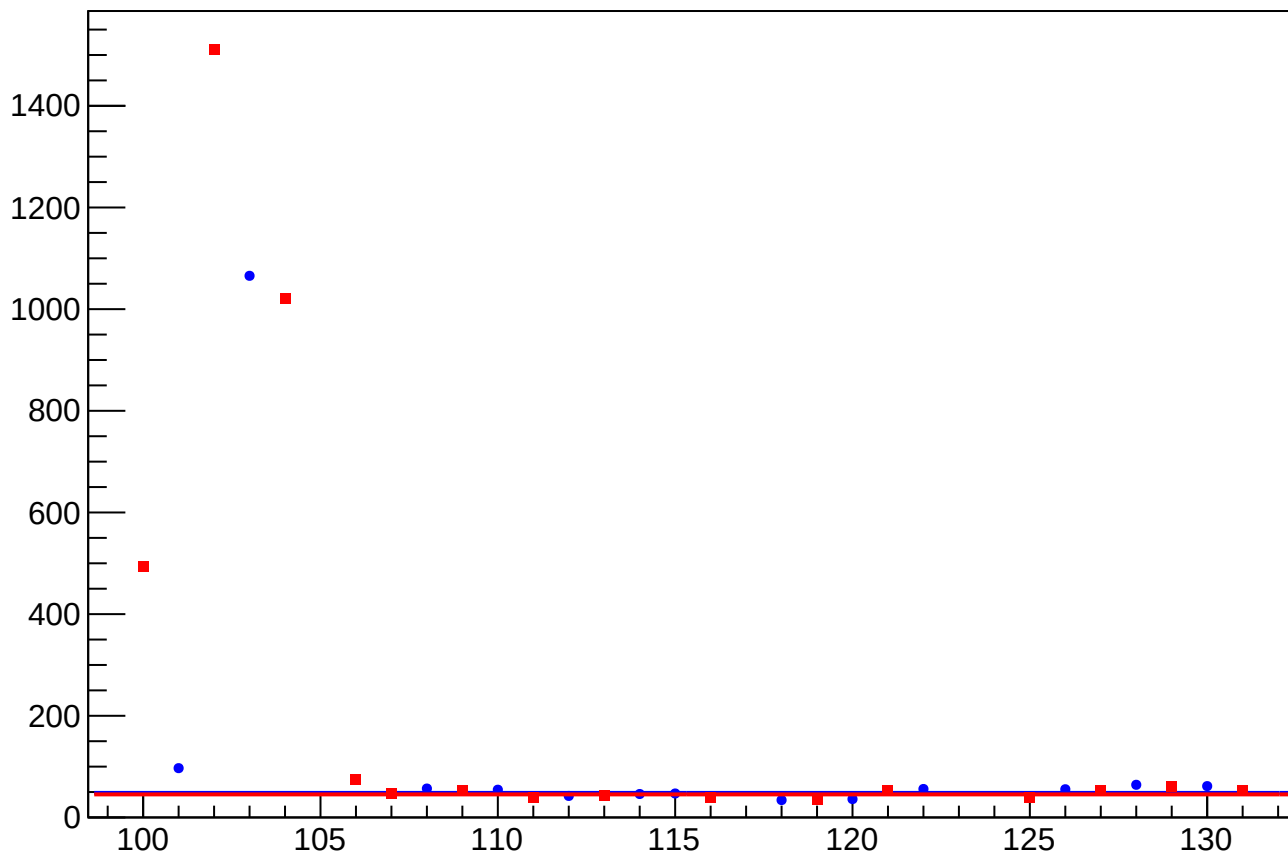
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.017 χ^2/NDF : 25.0/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_rms vs Slug



Right In: 48.276+/-0.017 χ^2/NDF : 1741248.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.381+/-0.016 χ^2/NDF : 2203600.9/14

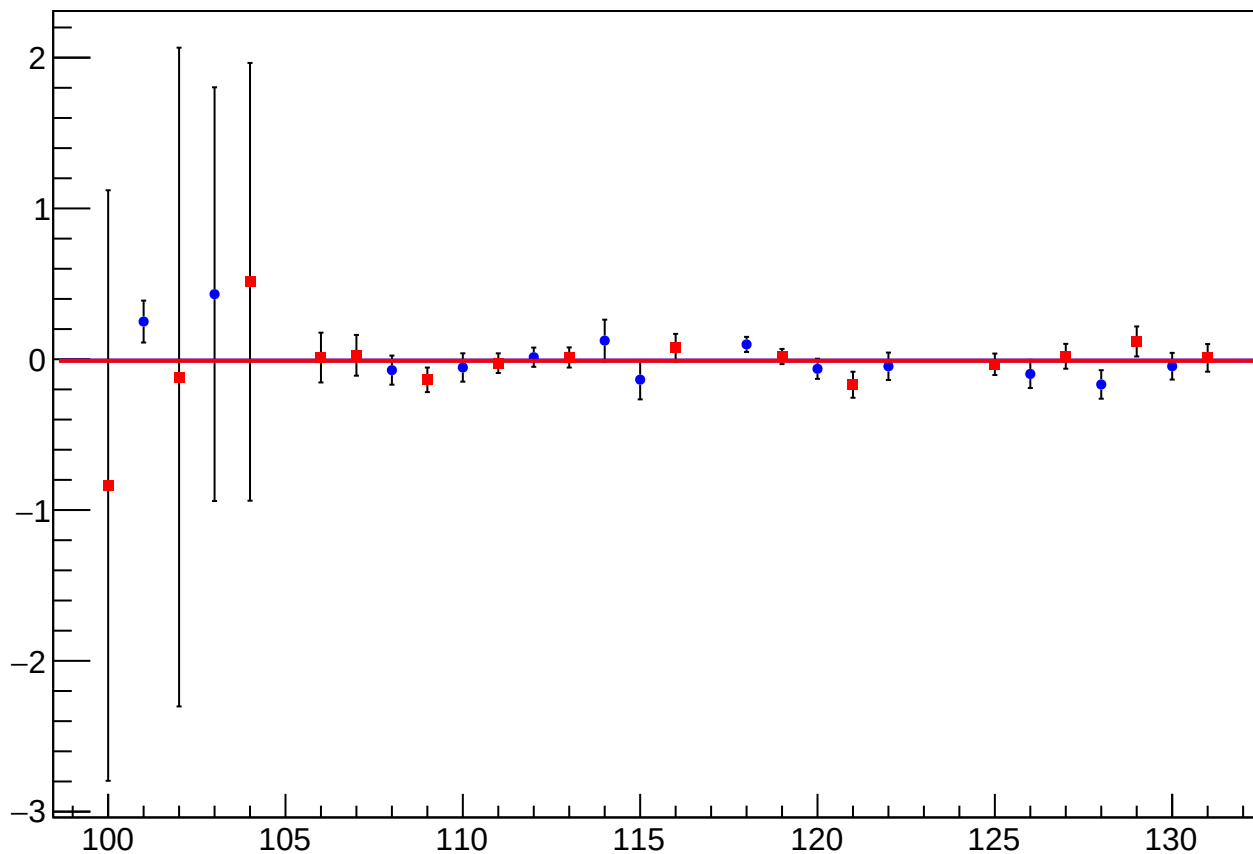
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.754+/-0.012 χ^2/NDF : 3960065.3/27

- 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: -0.009+/-0.024 χ^2/NDF : 15.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.010+/-0.023 χ^2/NDF : 9.5/14

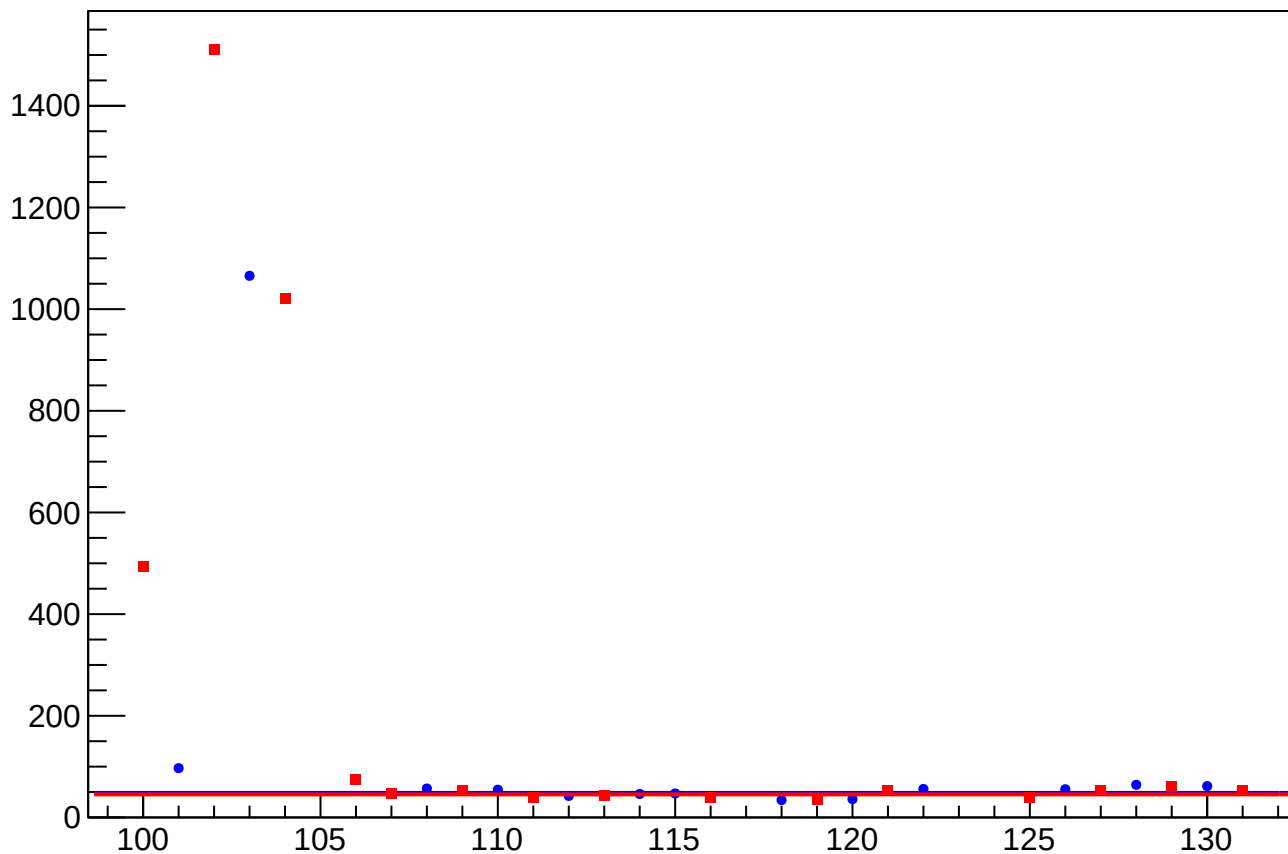
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.017 χ^2/NDF : 25.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 48.276+/-0.017 χ^2/NDF : 1741248.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.381+/-0.016 χ^2/NDF : 2203600.9/14

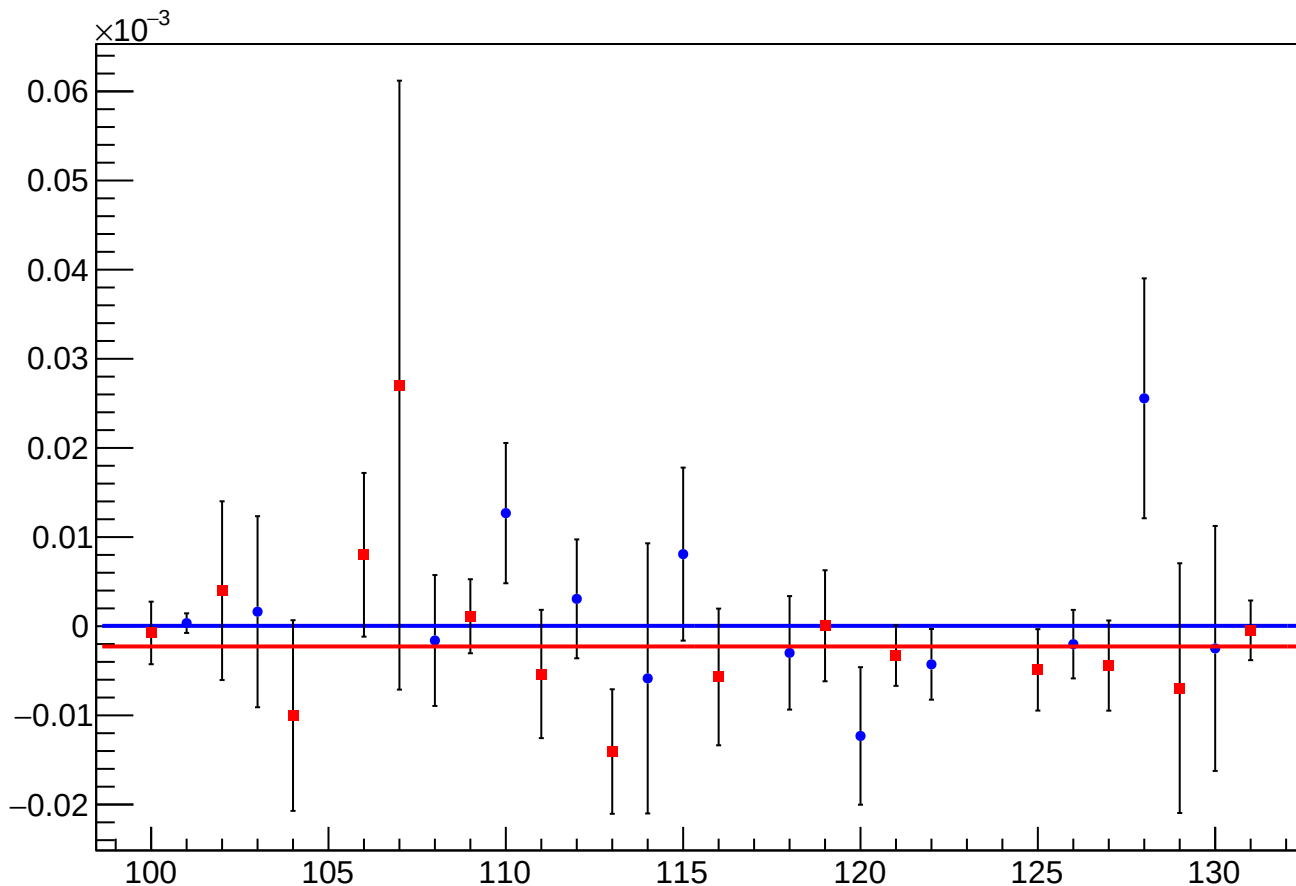
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.754+/-0.012 χ^2/NDF : 3960065.3/27

- 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+/-0.000 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.1/14

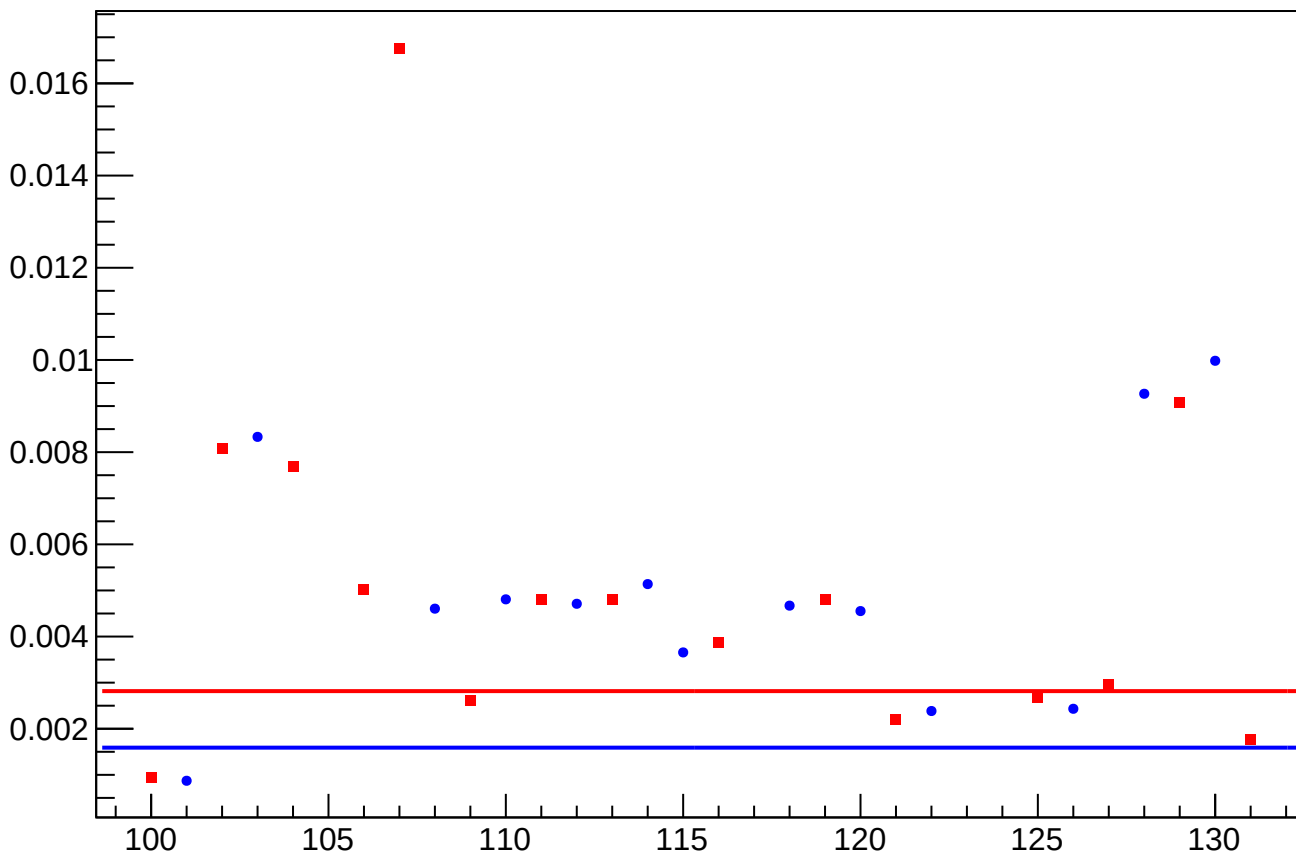
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.7/27

- sign 0.000+/-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 : 5292451.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3213106.2/14

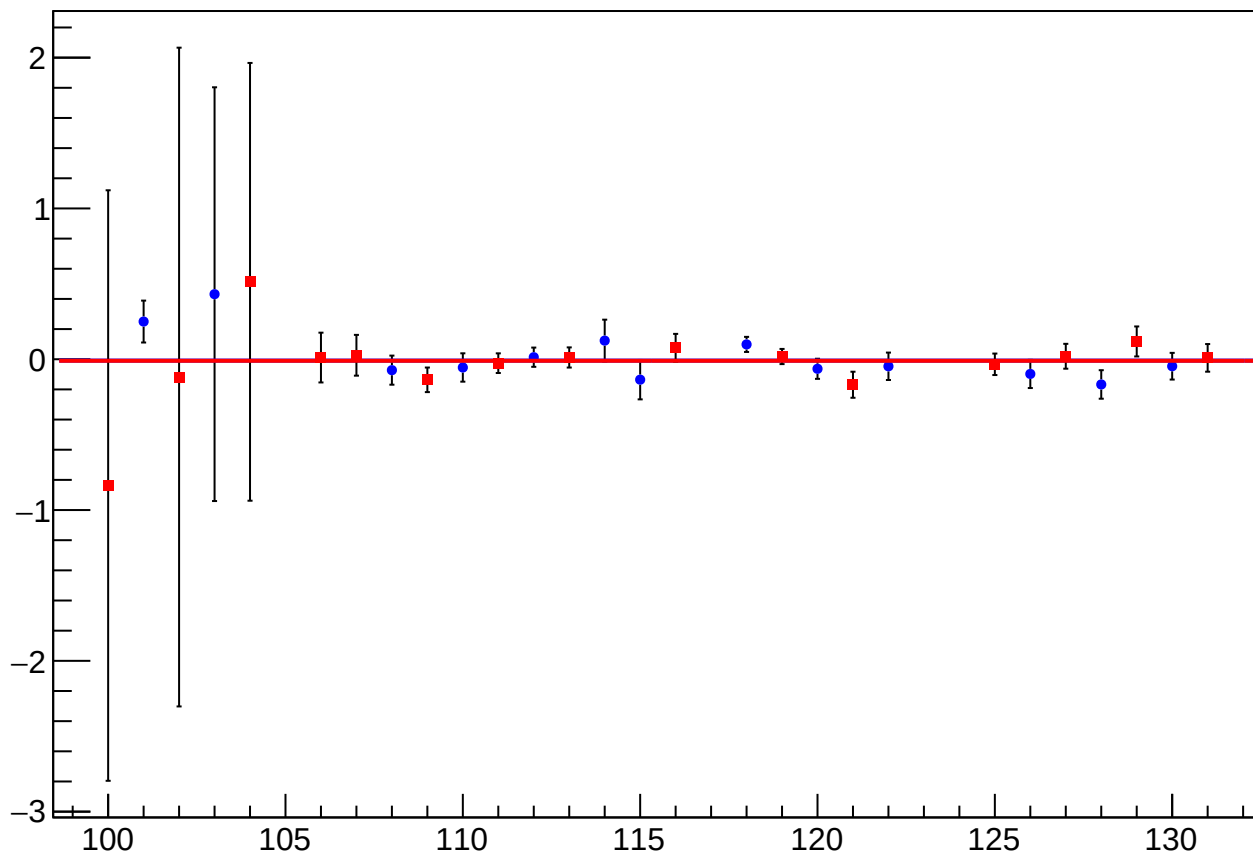
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 9567401.8/27

- 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: -0.009 ± 0.024 χ^2/NDF : 15.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.010 ± 0.023 χ^2/NDF : 9.5/14

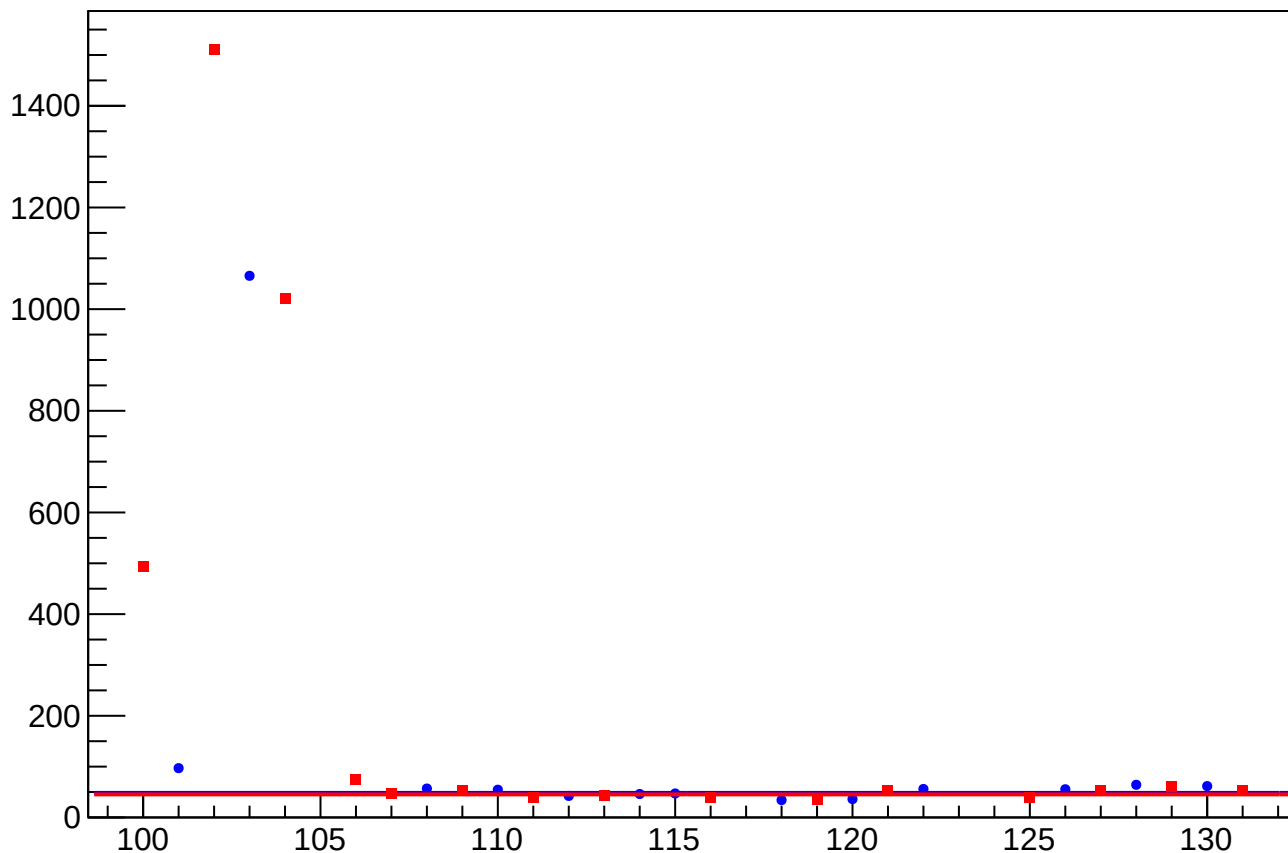
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.017 χ^2/NDF : 25.0/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 48.276+/-0.017 χ^2/NDF : 1741179.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.380+/-0.016 χ^2/NDF : 2203617.8/14

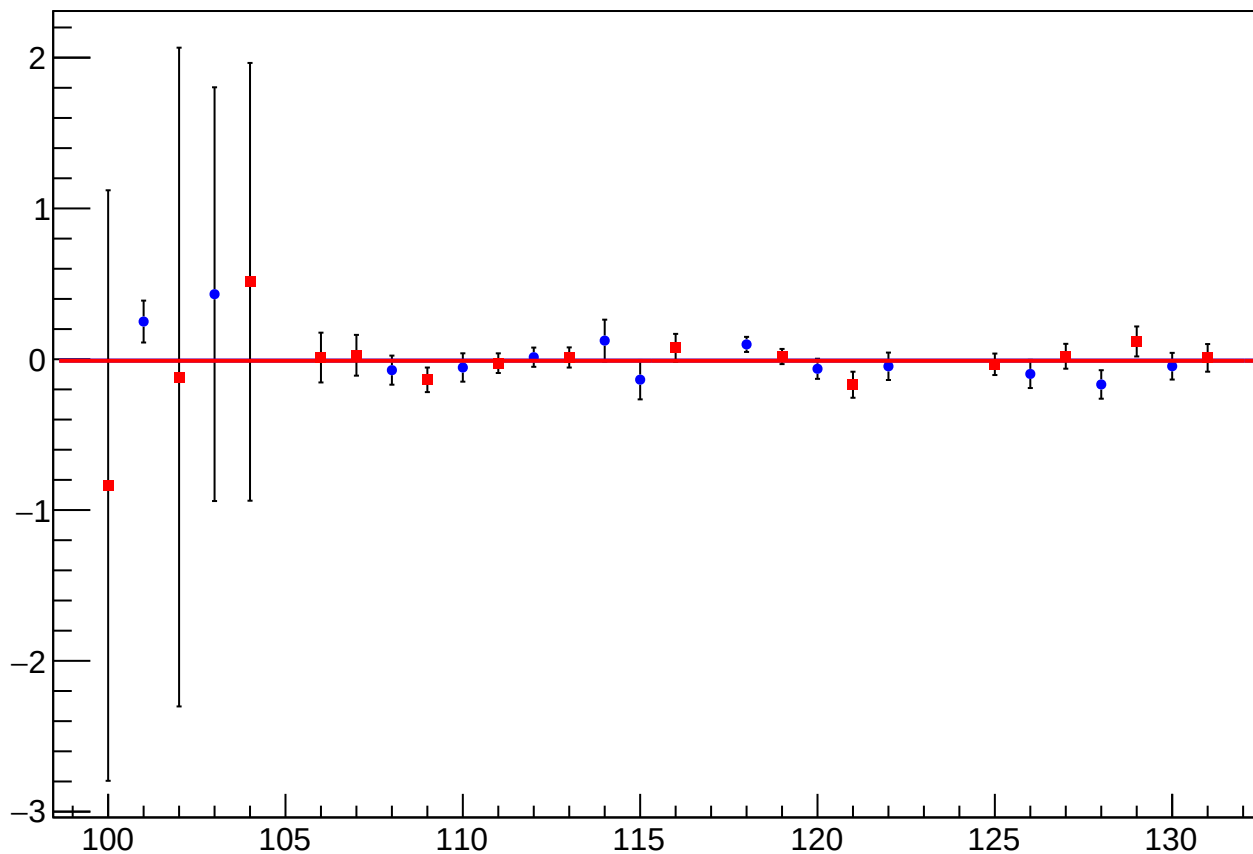
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.754+/-0.012 χ^2/NDF : 3960027.8/27

- 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: -0.009+/-0.024 χ^2/NDF : 15.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.010+/-0.023 χ^2/NDF : 9.5/14

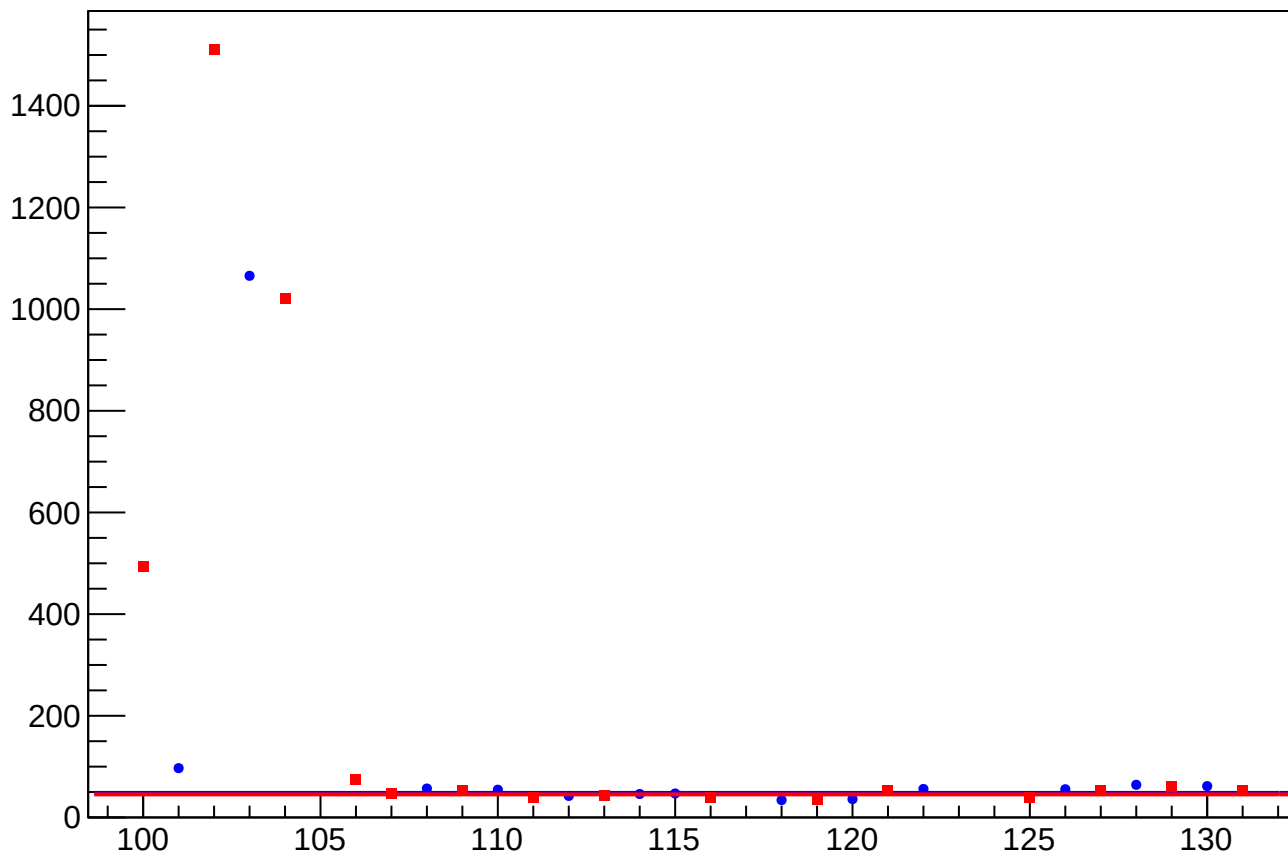
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.017 χ^2/NDF : 25.0/27

- sign 0.000+/-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: 48.276+/-0.017 χ^2/NDF : 1741179.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.380+/-0.016 χ^2/NDF : 2203617.8/14

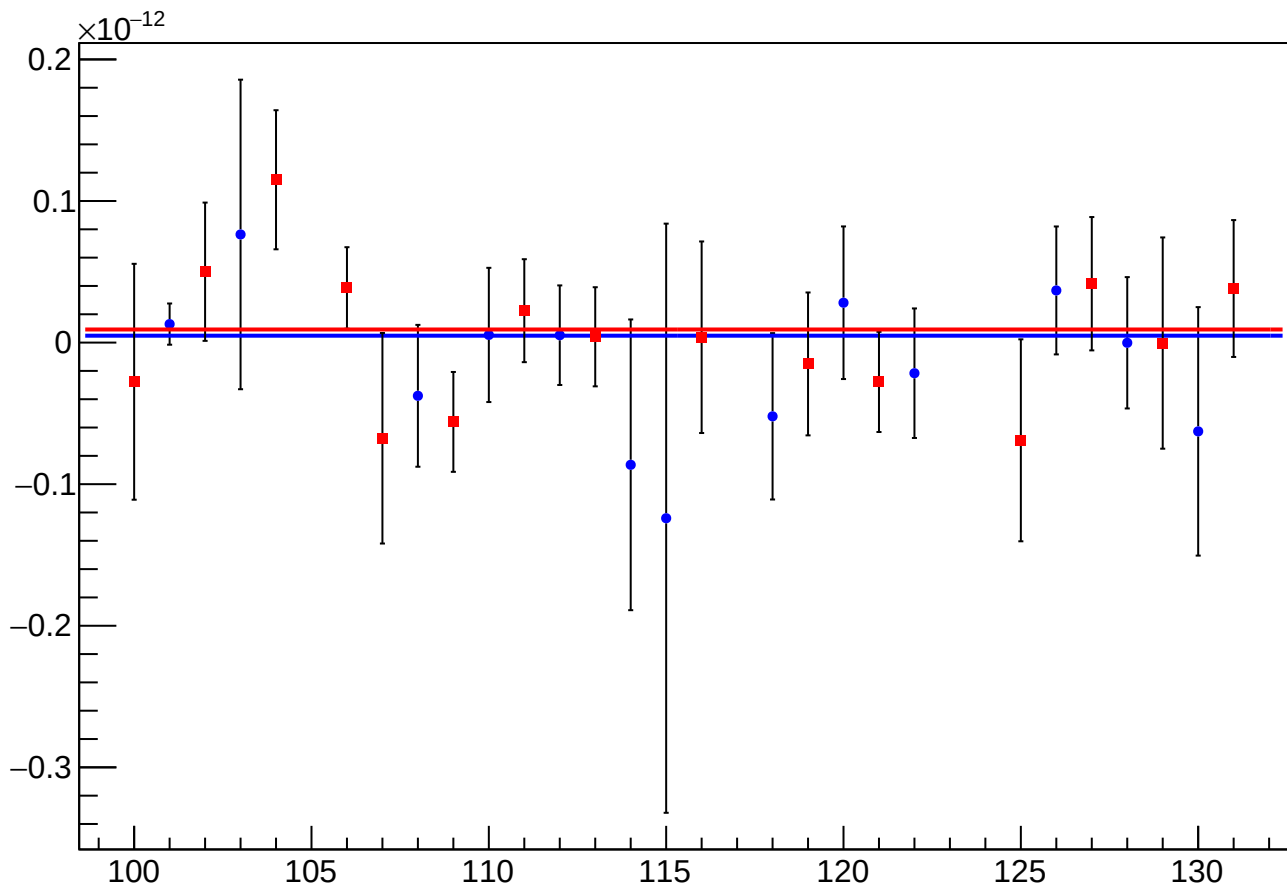
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.754+/-0.012 χ^2/NDF : 3960027.8/27

- 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: 5.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.6/14

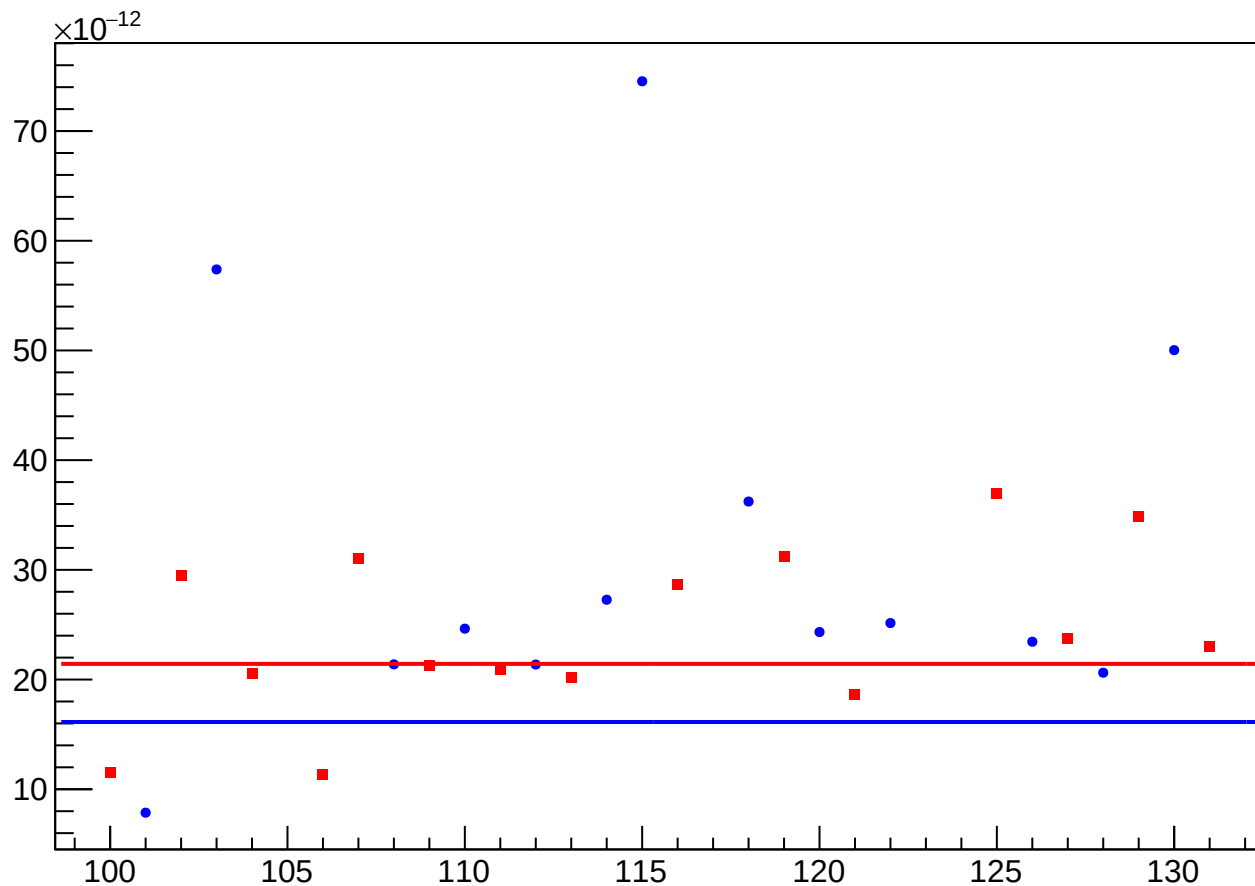
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.9/27

- 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 : 1969882.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 641796.0/14

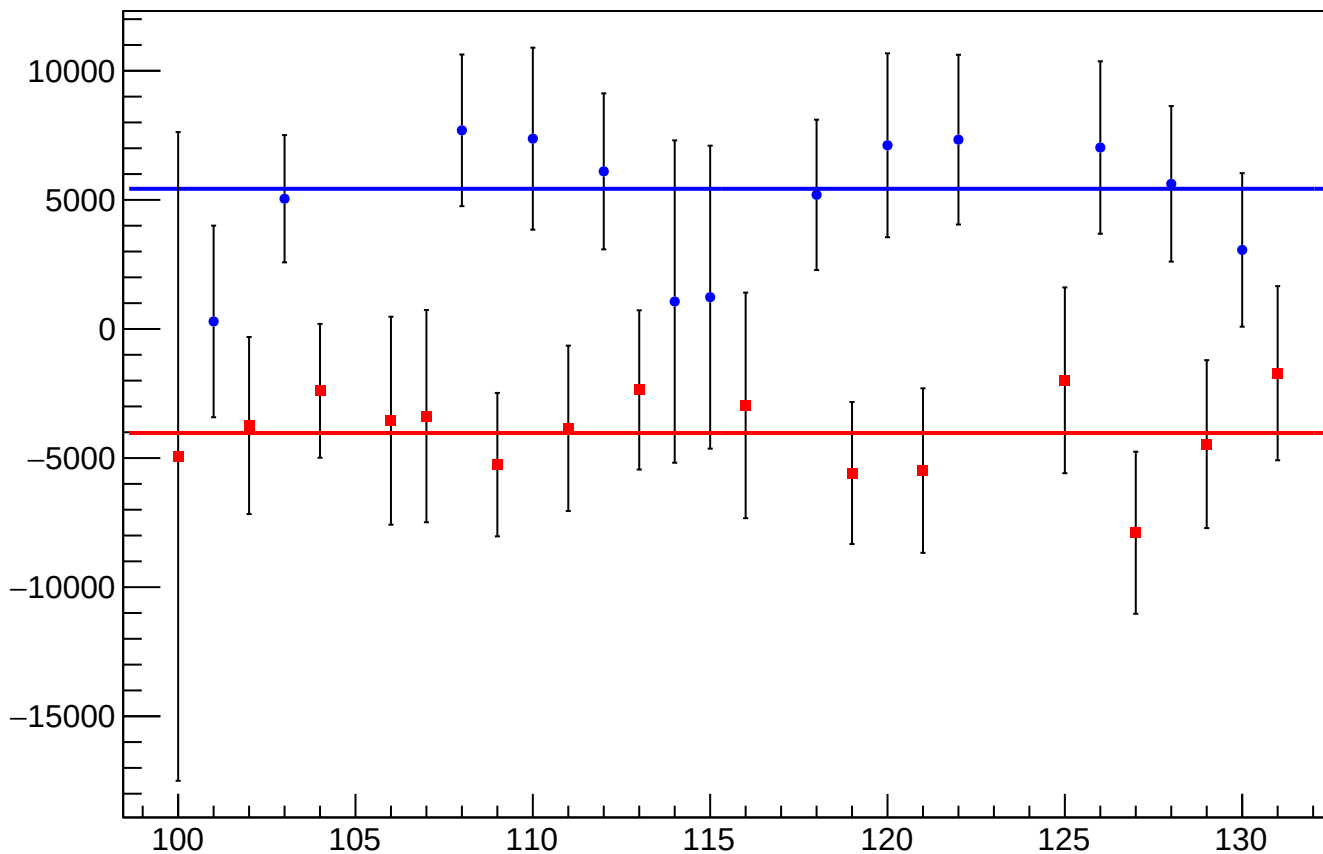
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2837274.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 5429.843+/-912.784 χ^2/NDF : 5.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4028.583+/-864.546 χ^2/NDF : 3.9/14

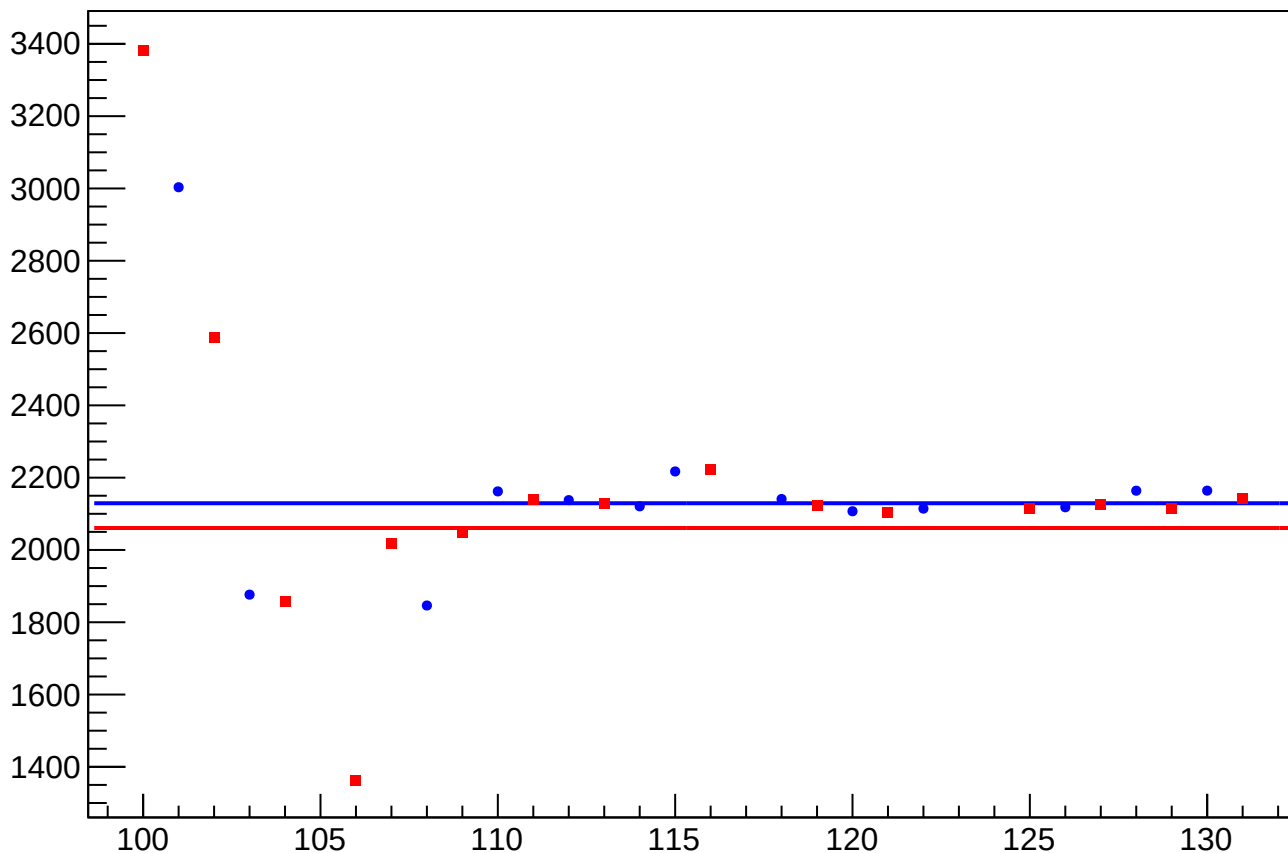
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 444.109+/-627.687 χ^2/NDF : 65.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2129.205+/-0.645 χ^2/NDF : 151957.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2060.732+/-0.600 χ^2/NDF : 199618.8/14

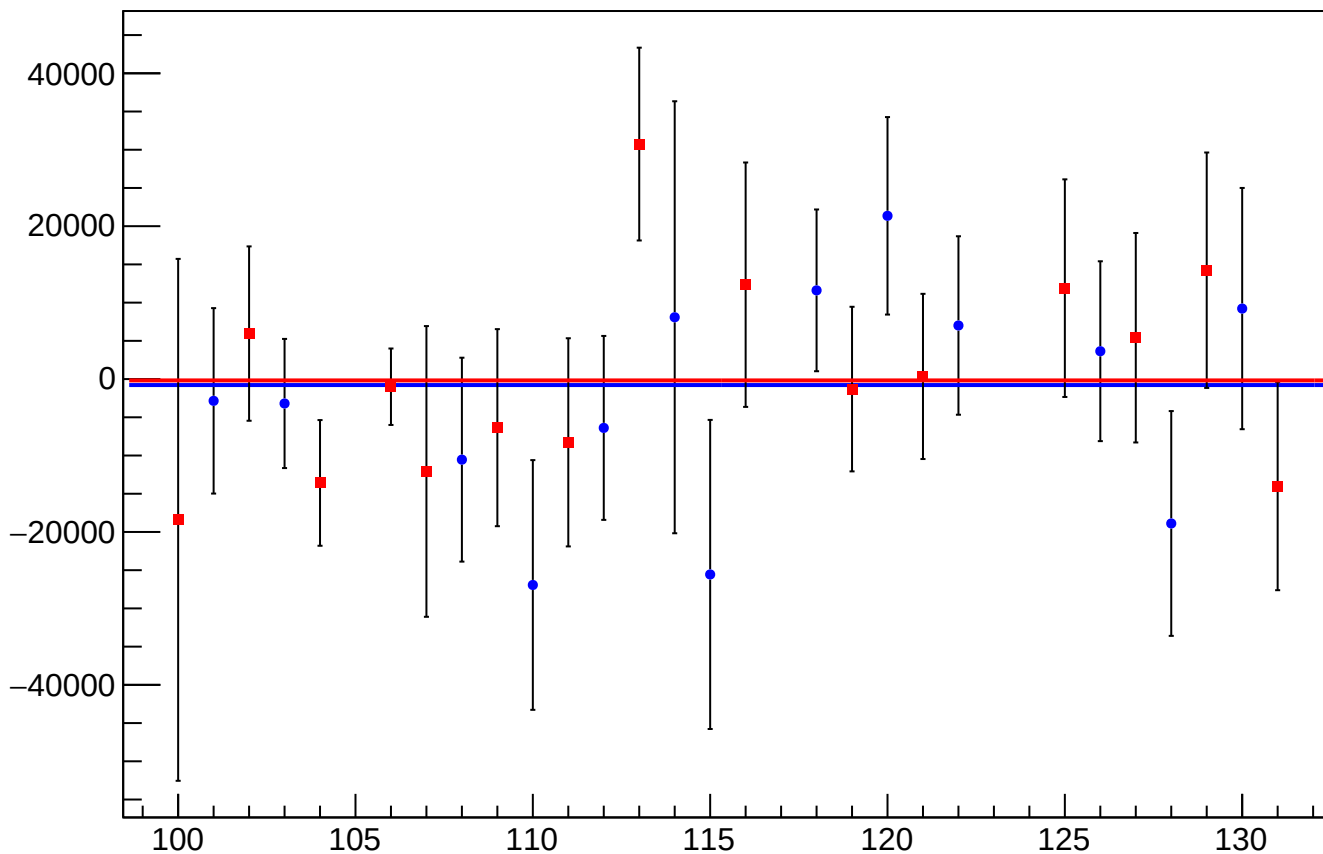
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2092.489+/-0.440 χ^2/NDF : 357611.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_reg_correction_mean vs Slug



Right In: -782.389+/-3559.583 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -175.708+/-2830.922 χ^2/NDF : 13.7/14

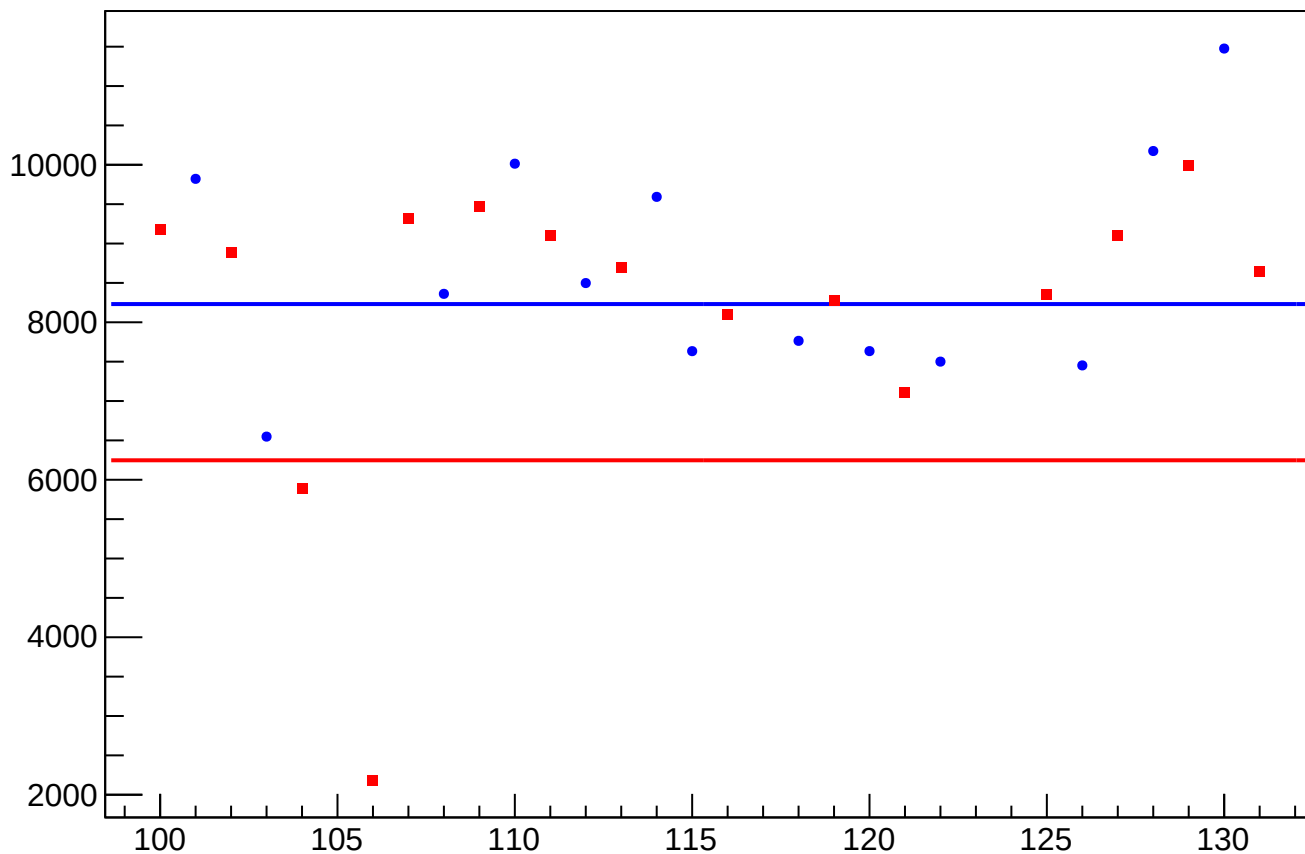
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -410.761+/-2215.653 χ^2/NDF : 25.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_reg_correction_rms vs Slug



Right In: 8231.298+/-2.517 χ^2/NDF : 289483.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

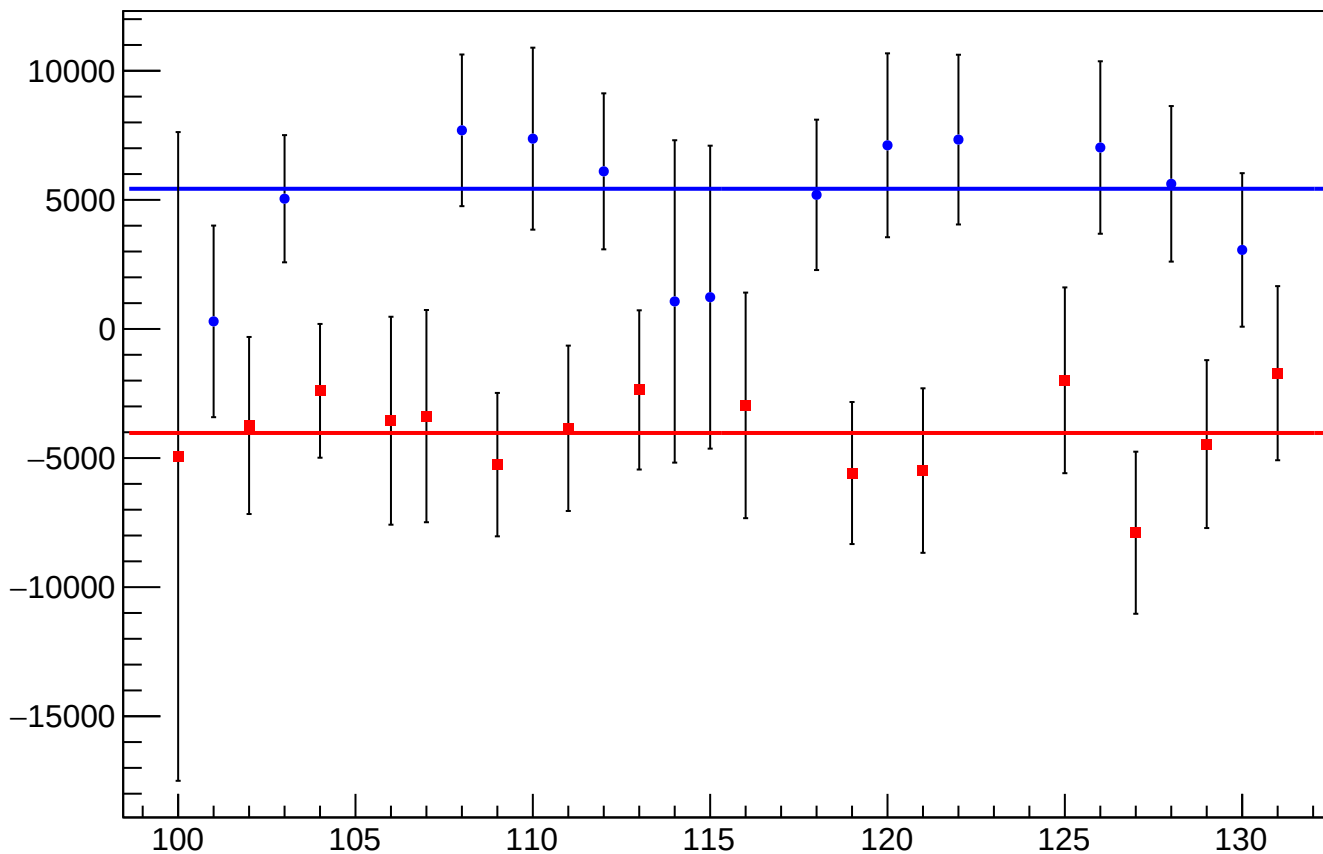
Right Out: 6247.308+/-2.002 χ^2/NDF : 2210071.9/14

All: 7015.987+/-1.567 χ^2/NDF : 2880146.6/27

- 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: 5430.086+/-912.784 χ^2/NDF : 5.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4028.281+/-864.546 χ^2/NDF : 3.9/14

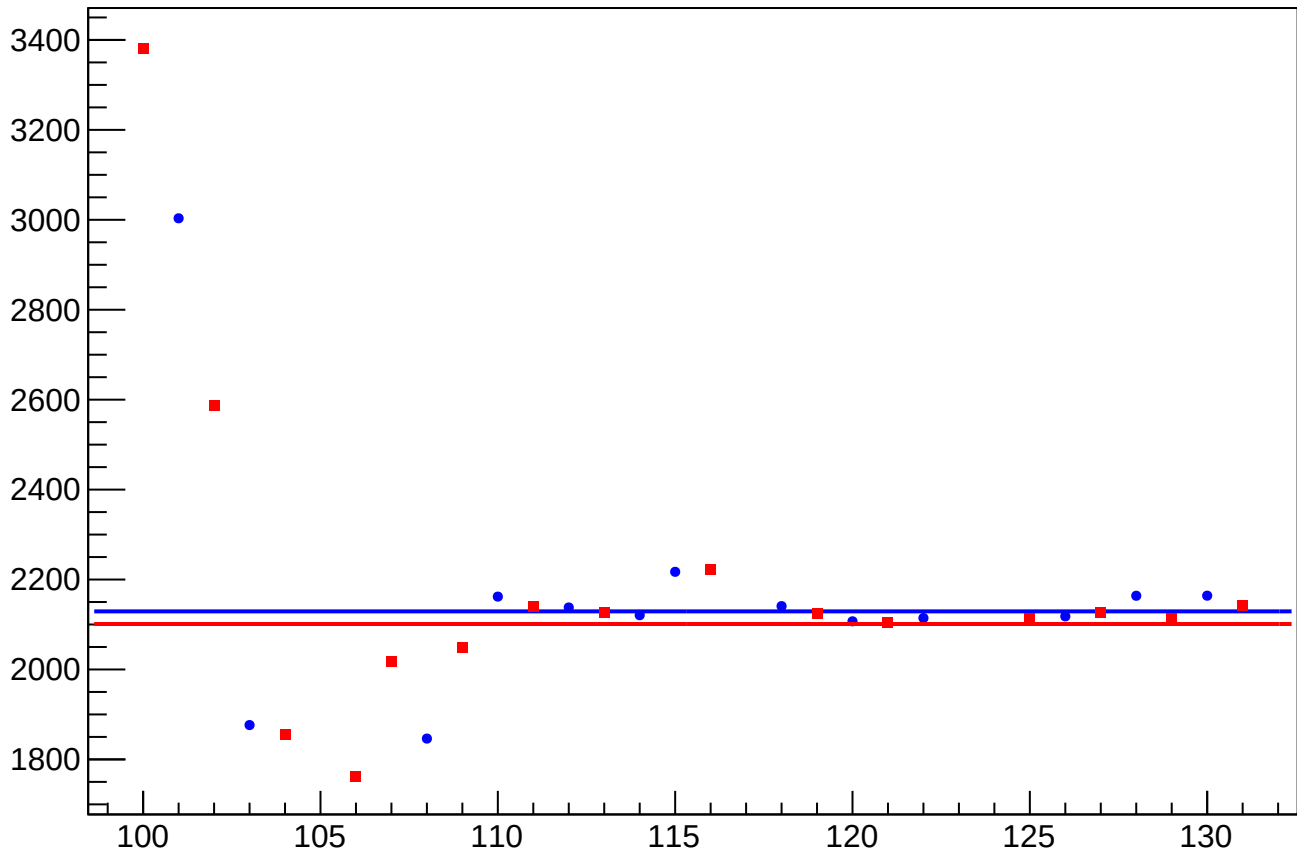
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 444.383+/-627.687 χ^2/NDF : 65.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2129.204+/-0.645 χ^2/NDF : 151957.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2101.118+/-0.608 χ^2/NDF : 100677.9/14

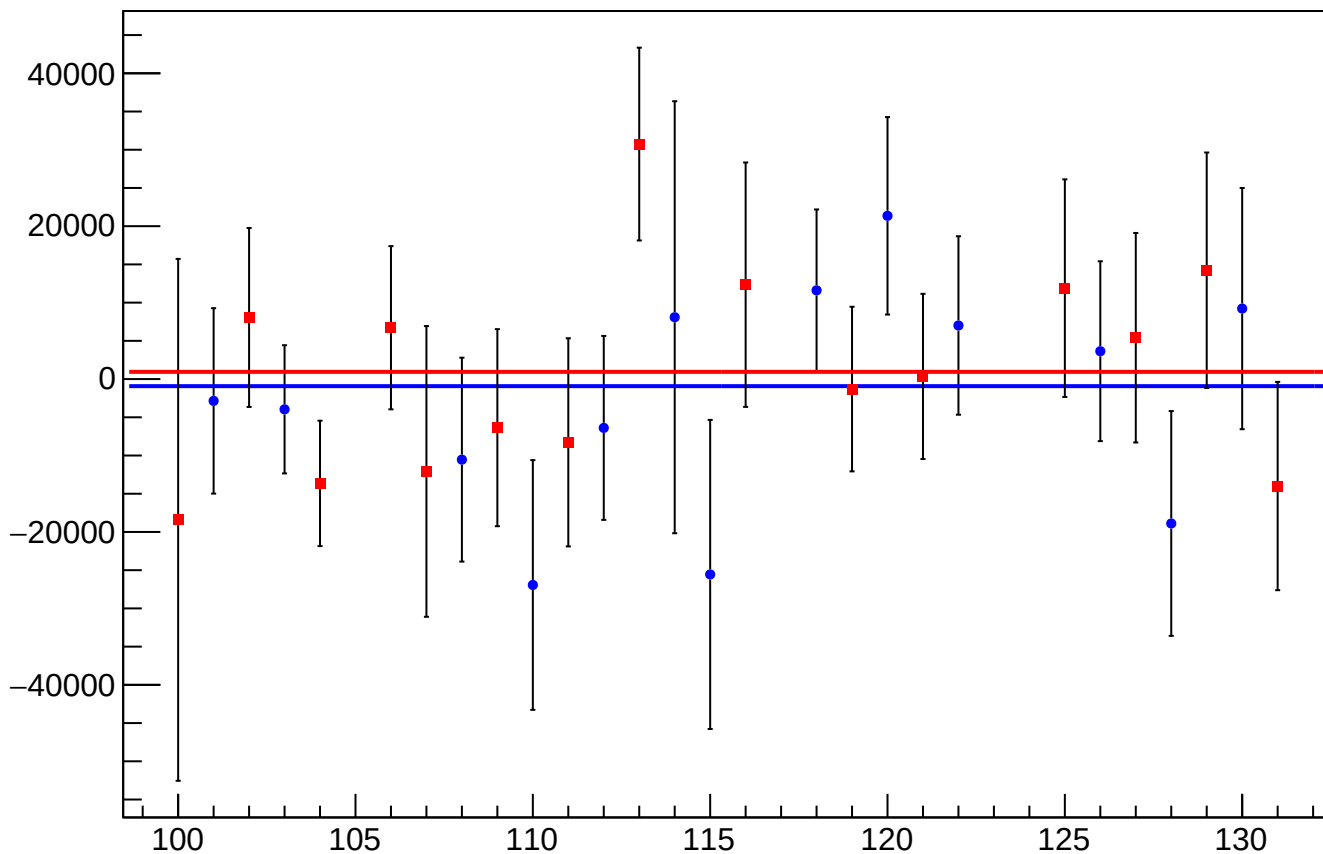
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2114.320+/-0.443 χ^2/NDF : 253639.2/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_cor_correction_mean vs Slug



Right In: -926.267+/-3554.728 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 946.531+/-3274.955 χ^2/NDF : 14.2/14

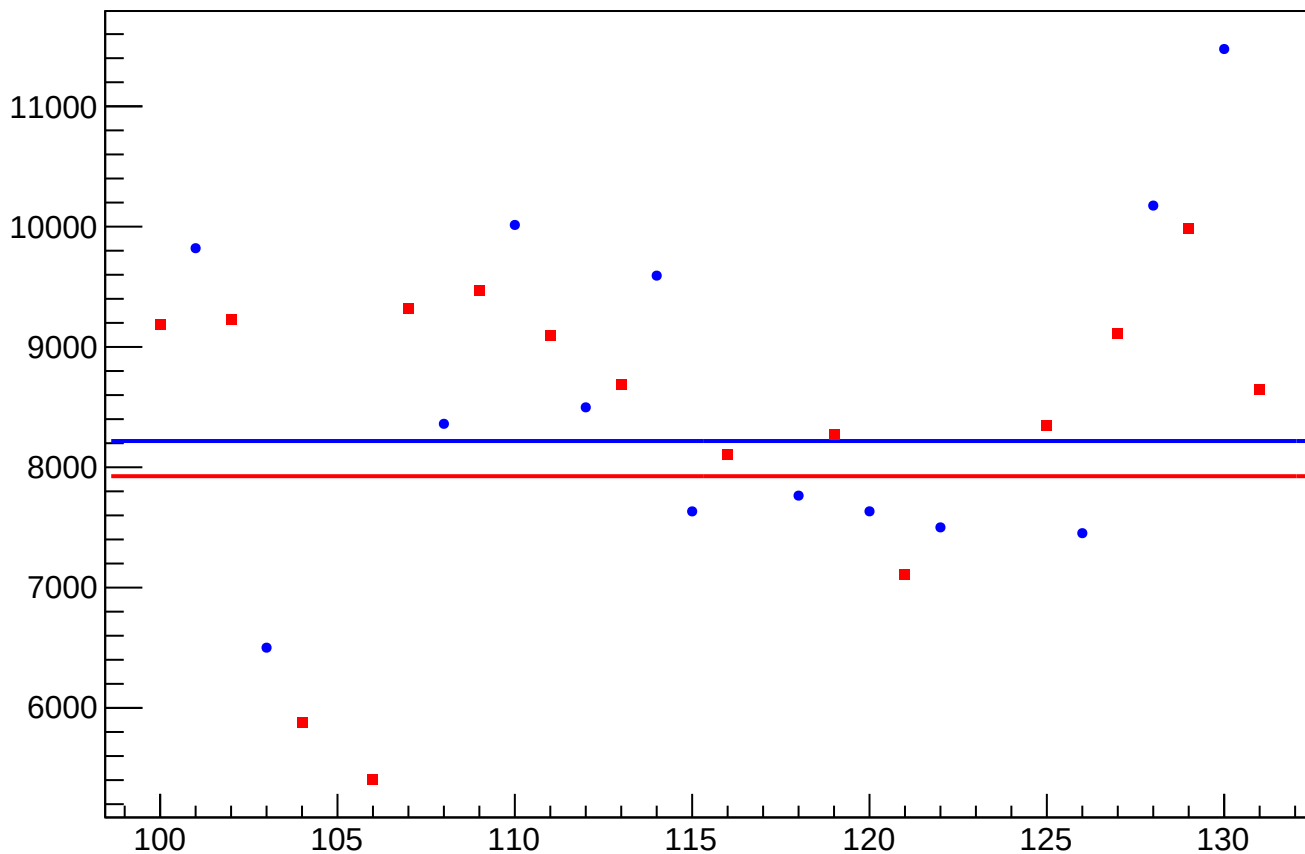
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.721+/-2408.585 χ^2/NDF : 26.2/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_cor_correction_rms vs Slug



Right In: 8218.171+/-2.514 χ^2/NDF : 295239.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

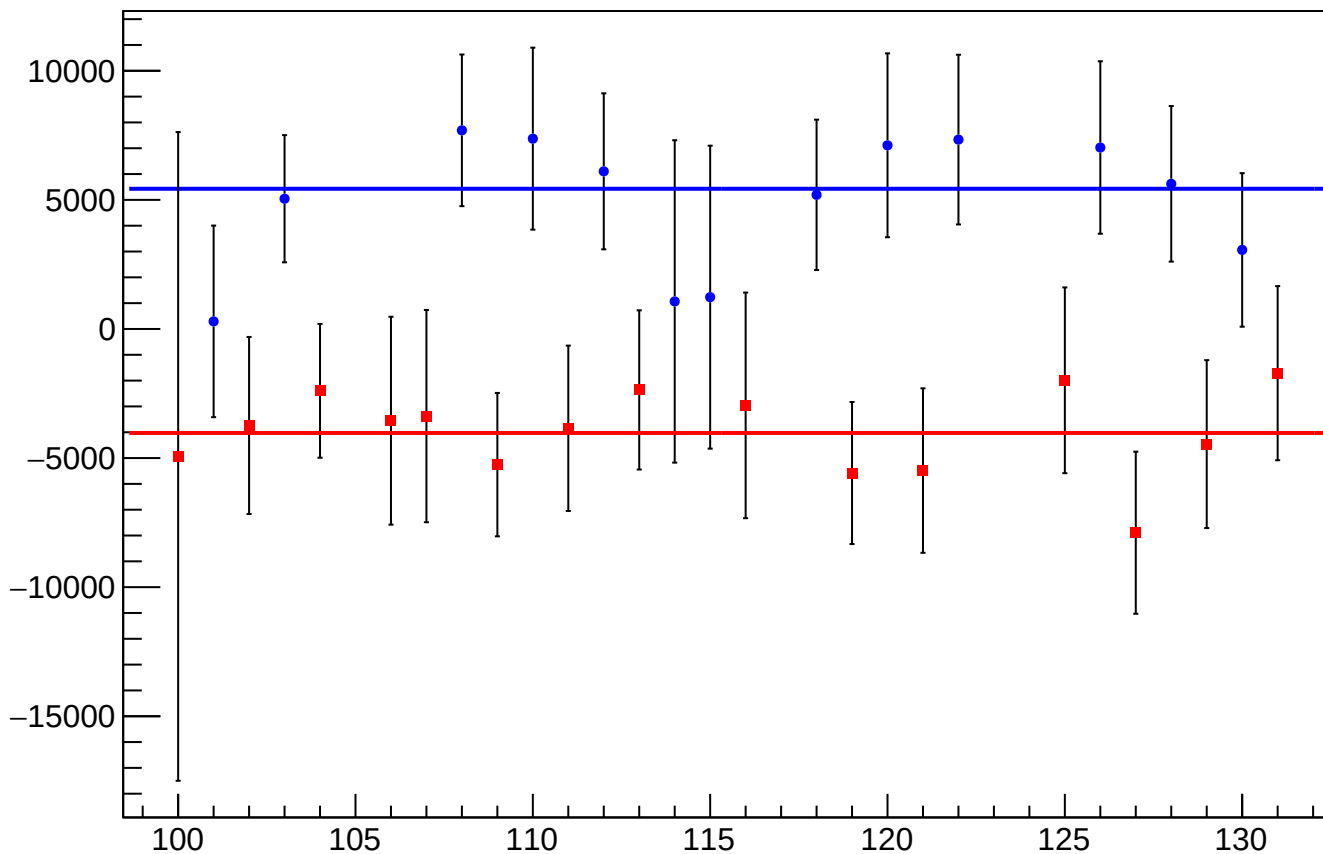
Right Out: 7925.794+/-2.316 χ^2/NDF : 397135.5/14

All: 8060.026+/-1.703 χ^2/NDF : 699693.8/27

- 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: 5430.086 $\pm$ 912.784 χ^2 /NDF: 5.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4028.281 $\pm$ 864.546 χ^2 /NDF: 3.9/14

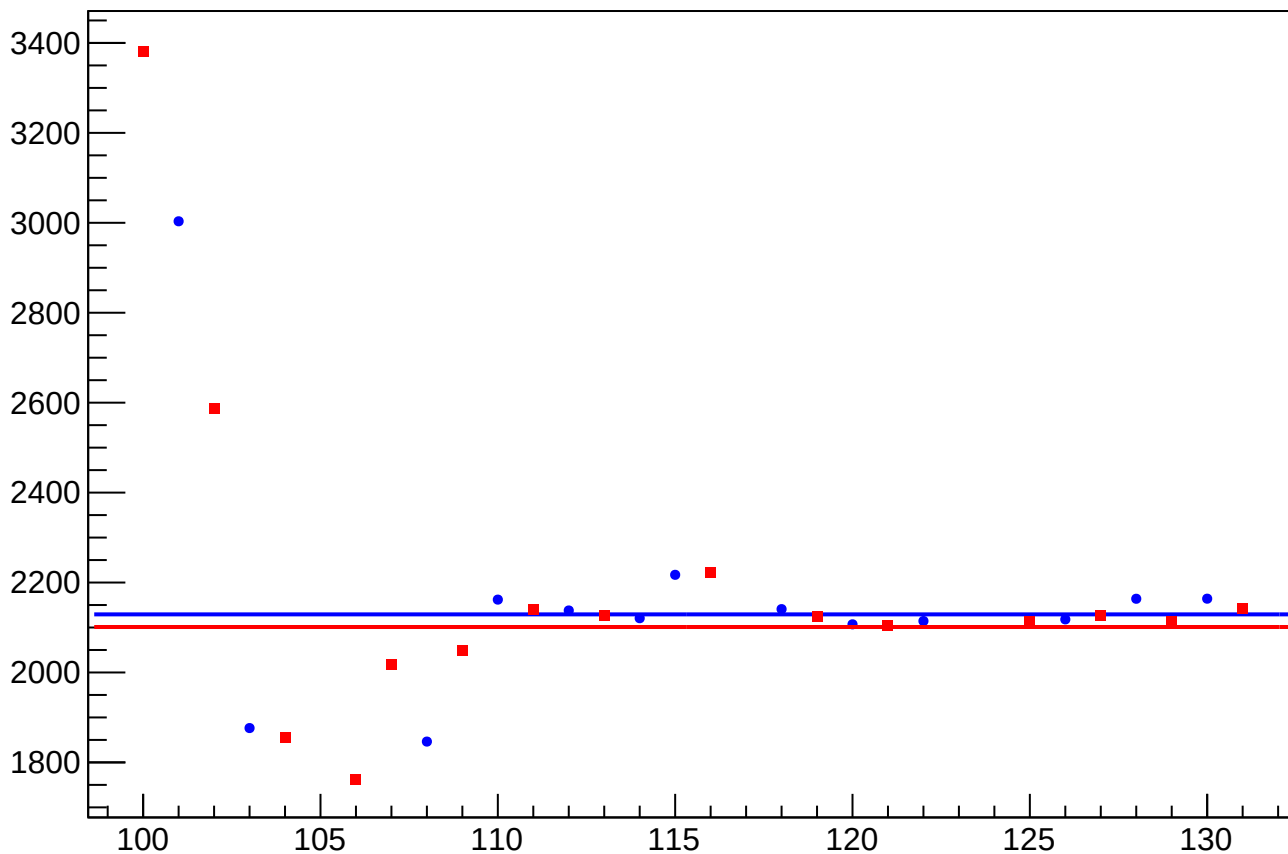
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 444.383 $\pm$ 627.687 χ^2 /NDF: 65.8/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2129.204+/-0.645 χ^2/NDF : 151957.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

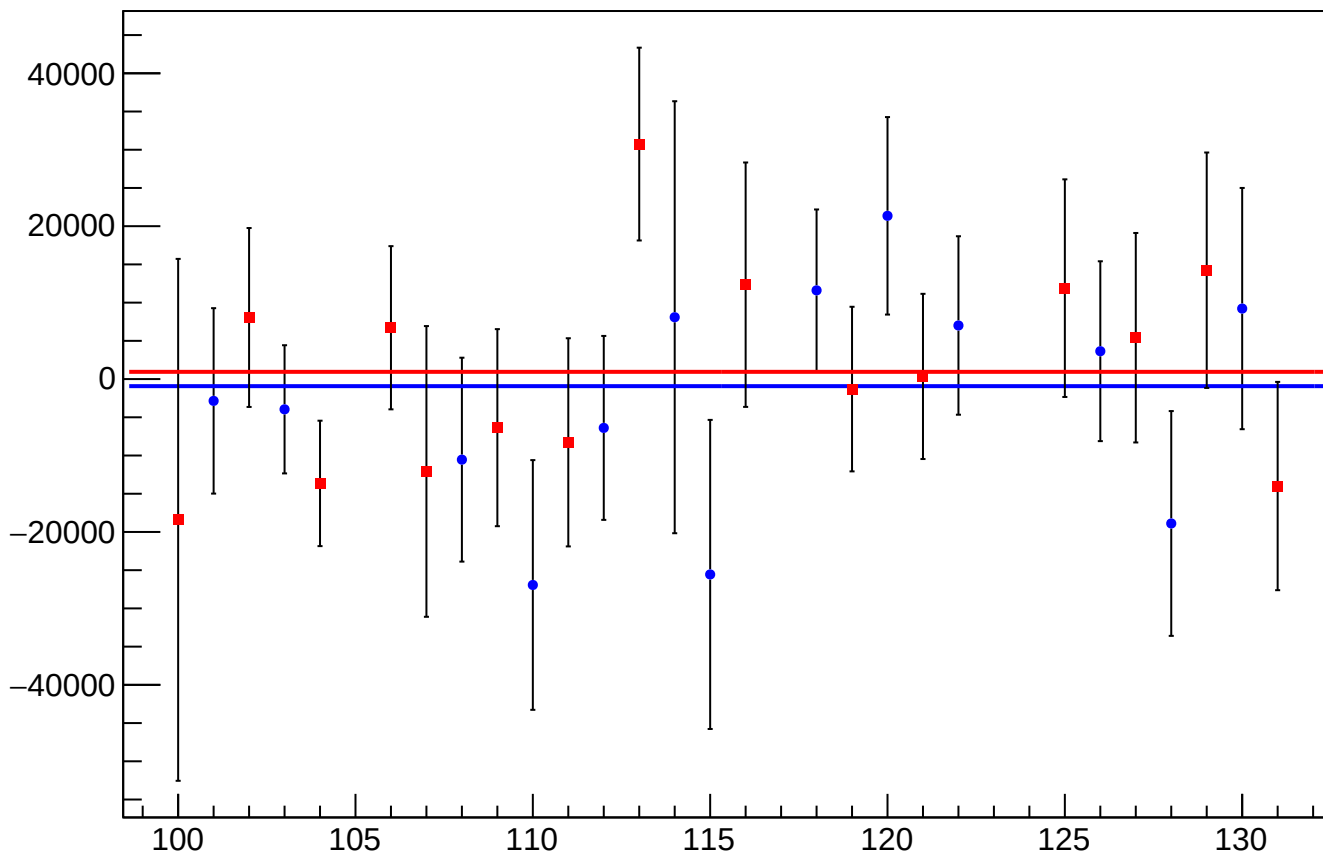
Right Out: 2101.118+/-0.608 χ^2/NDF : 100677.9/14

All: 2114.320+/-0.443 χ^2/NDF : 253639.2/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_mean vs Slug



Right In: -926.267+/-3554.728 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 946.531+/-3274.955 χ^2/NDF : 14.2/14

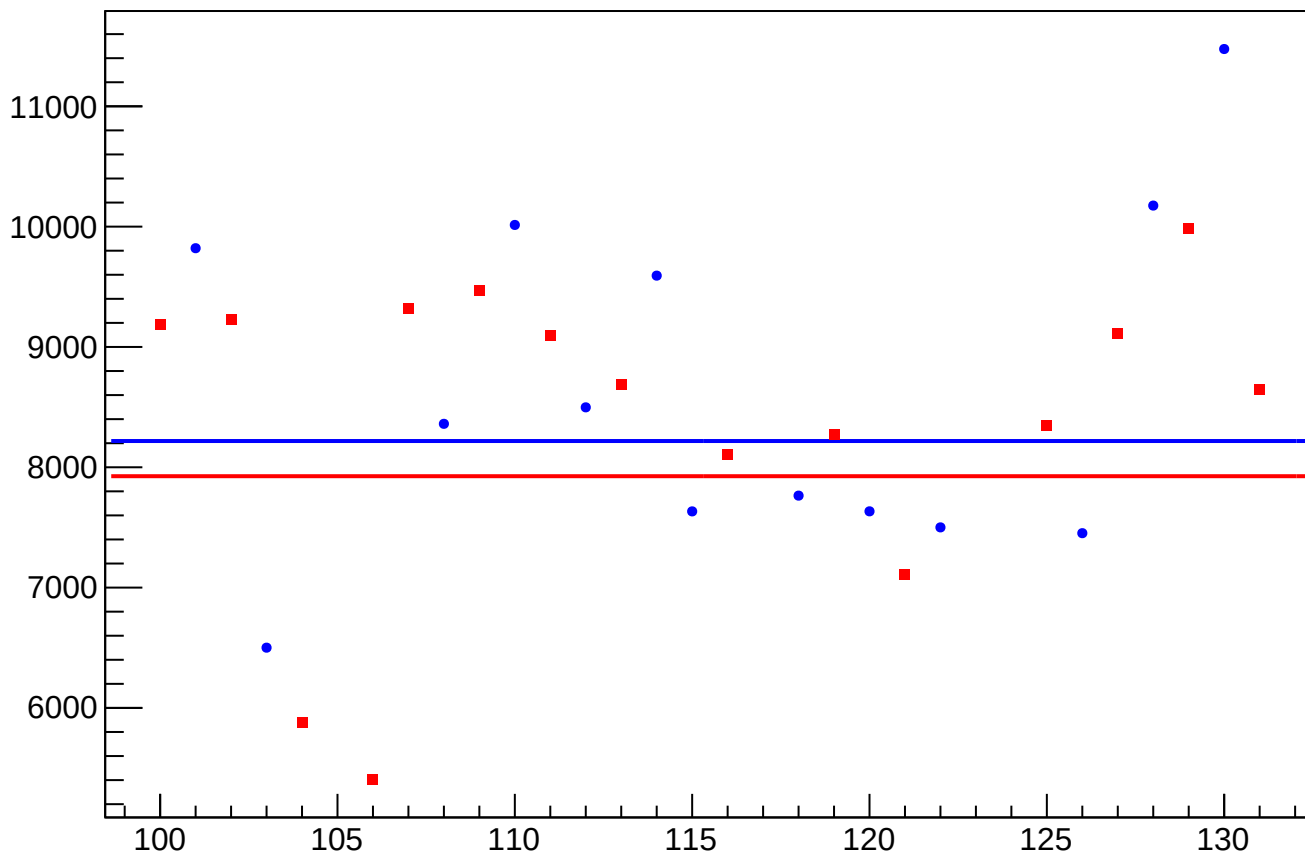
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.721+/-2408.585 χ^2/NDF : 26.2/27

- 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: 8218.171+/-2.514 χ^2/NDF : 295239.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

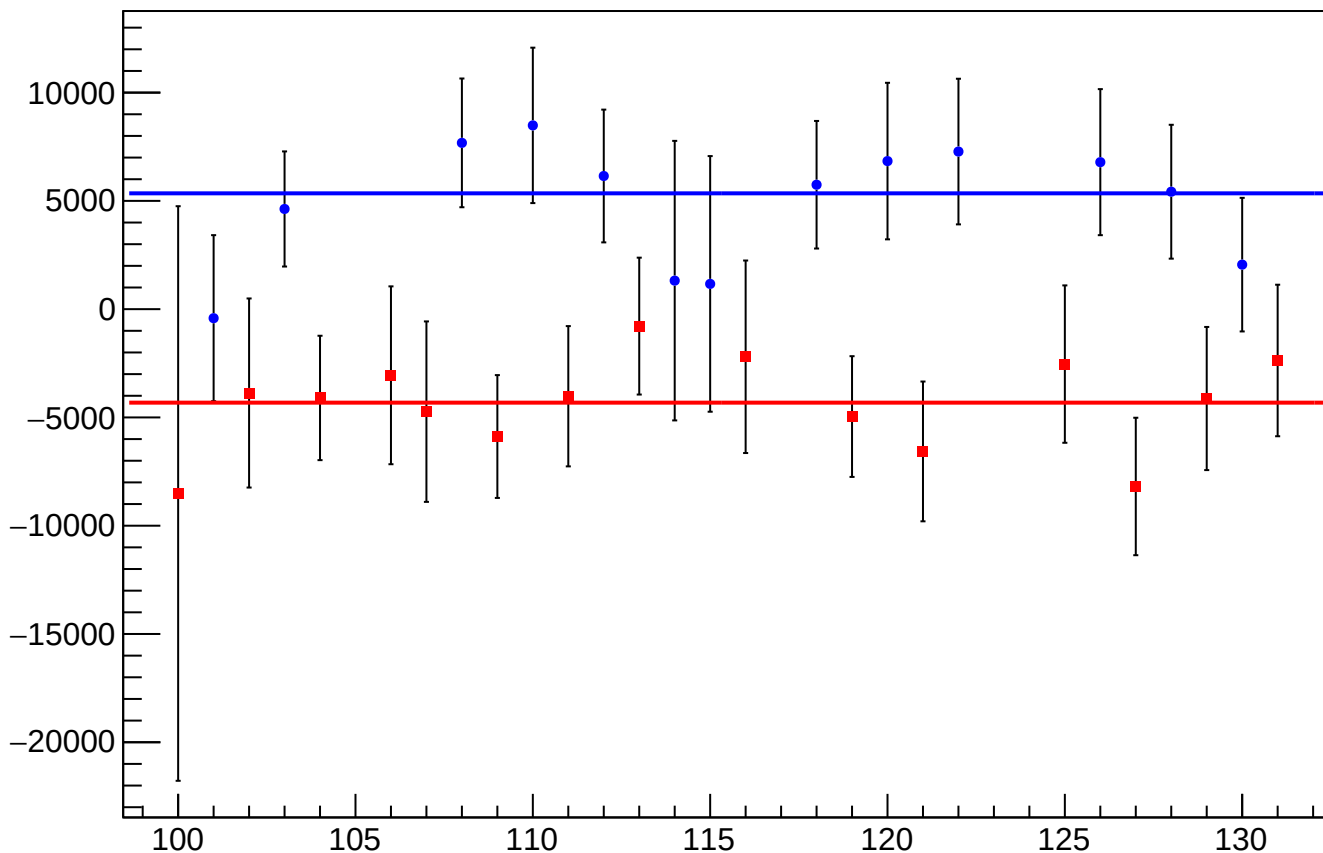
Right Out: 7925.794+/-2.316 χ^2/NDF : 397135.5/14

All: 8060.026+/-1.703 χ^2/NDF : 699693.8/27

- 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: 5348.614+/-937.645 χ^2/NDF : 6.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4317.514+/-898.191 χ^2/NDF : 4.6/14

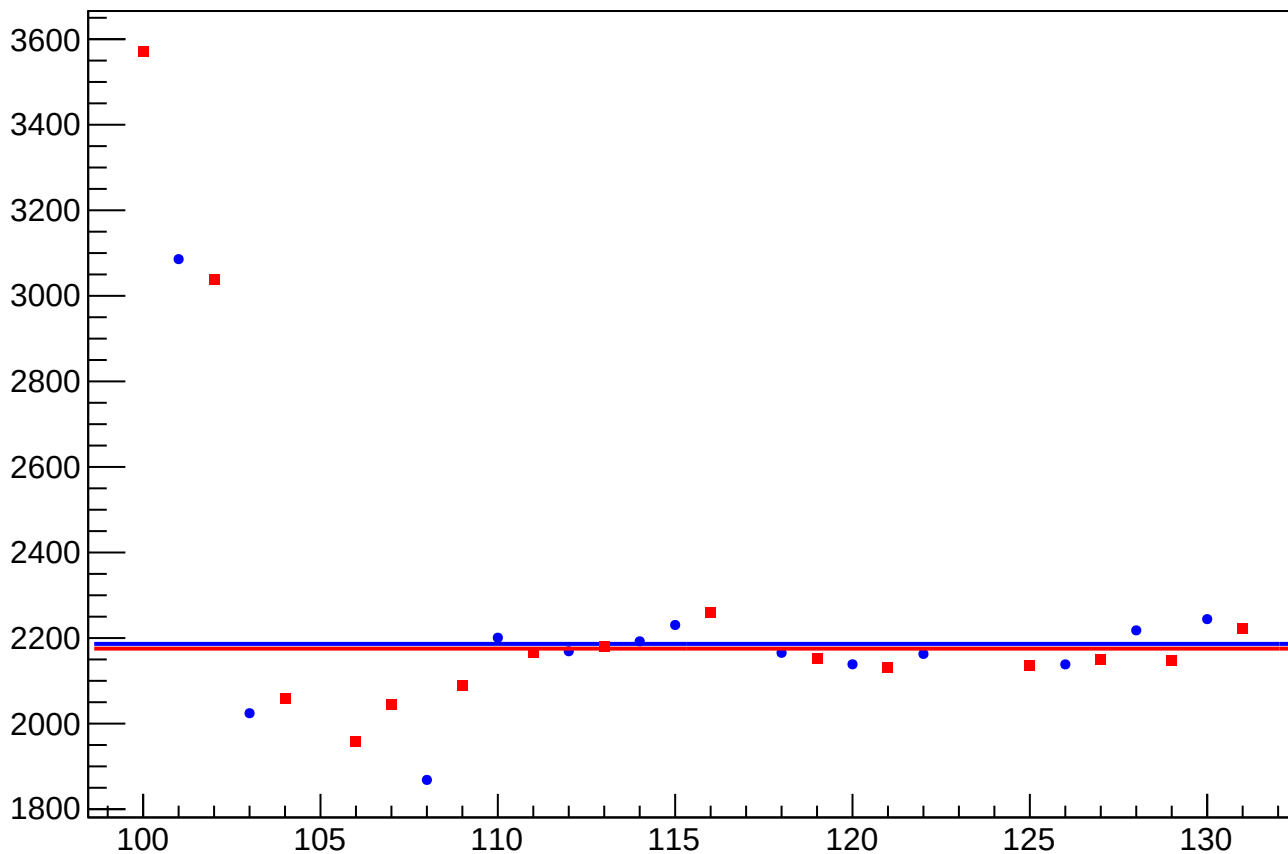
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 307.908+/-648.617 χ^2/NDF : 66.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2186.390+/-0.663 χ^2/NDF : 142478.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

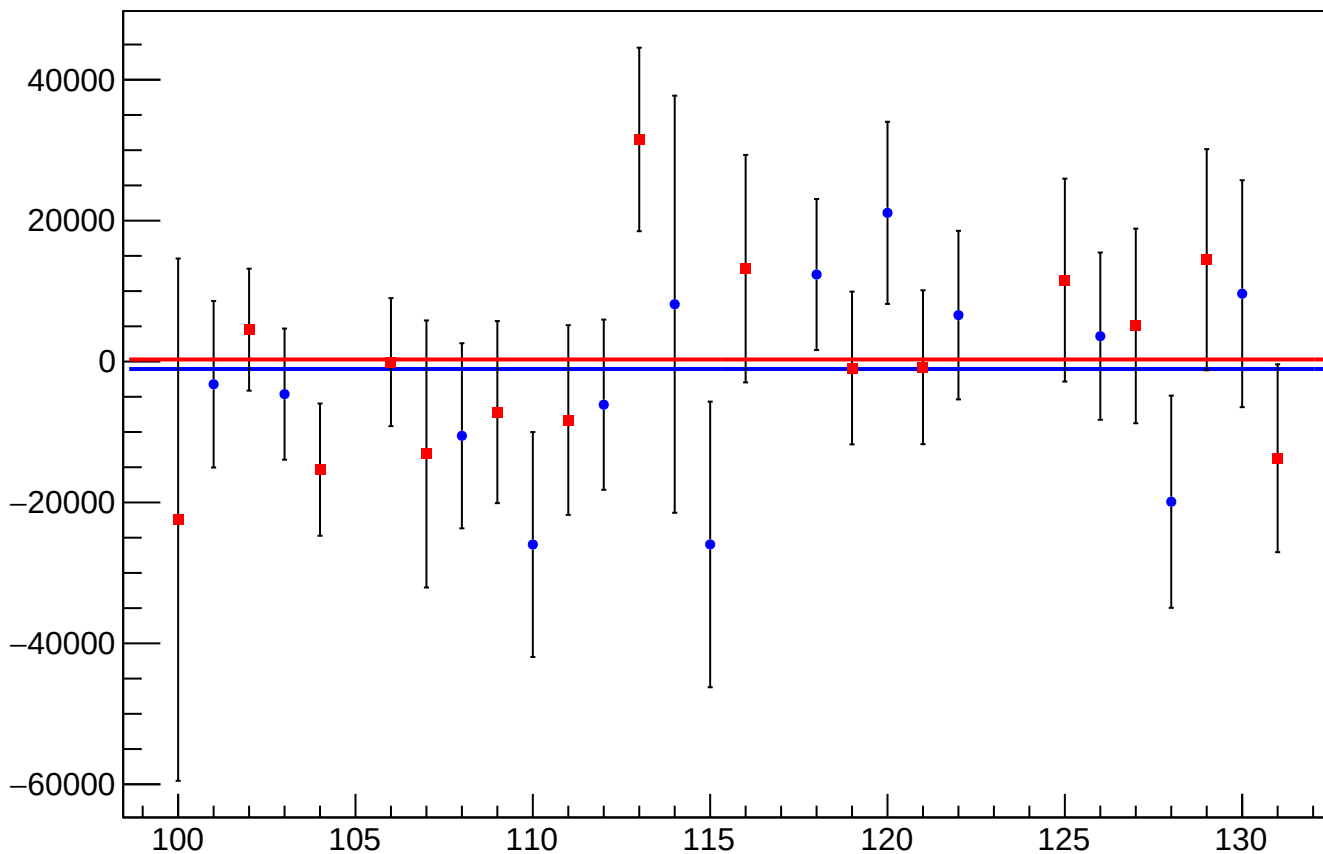
Right Out: 2175.363+/-0.635 χ^2/NDF : 115445.4/14

All: 2180.636+/-0.458 χ^2/NDF : 258068.6/27

- 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_dit_correction_mean vs Slug



Right In: -1058.763+/-3630.070 χ^2 /NDF: 12.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 297.842+/-3191.403 χ^2 /NDF: 13.7/14

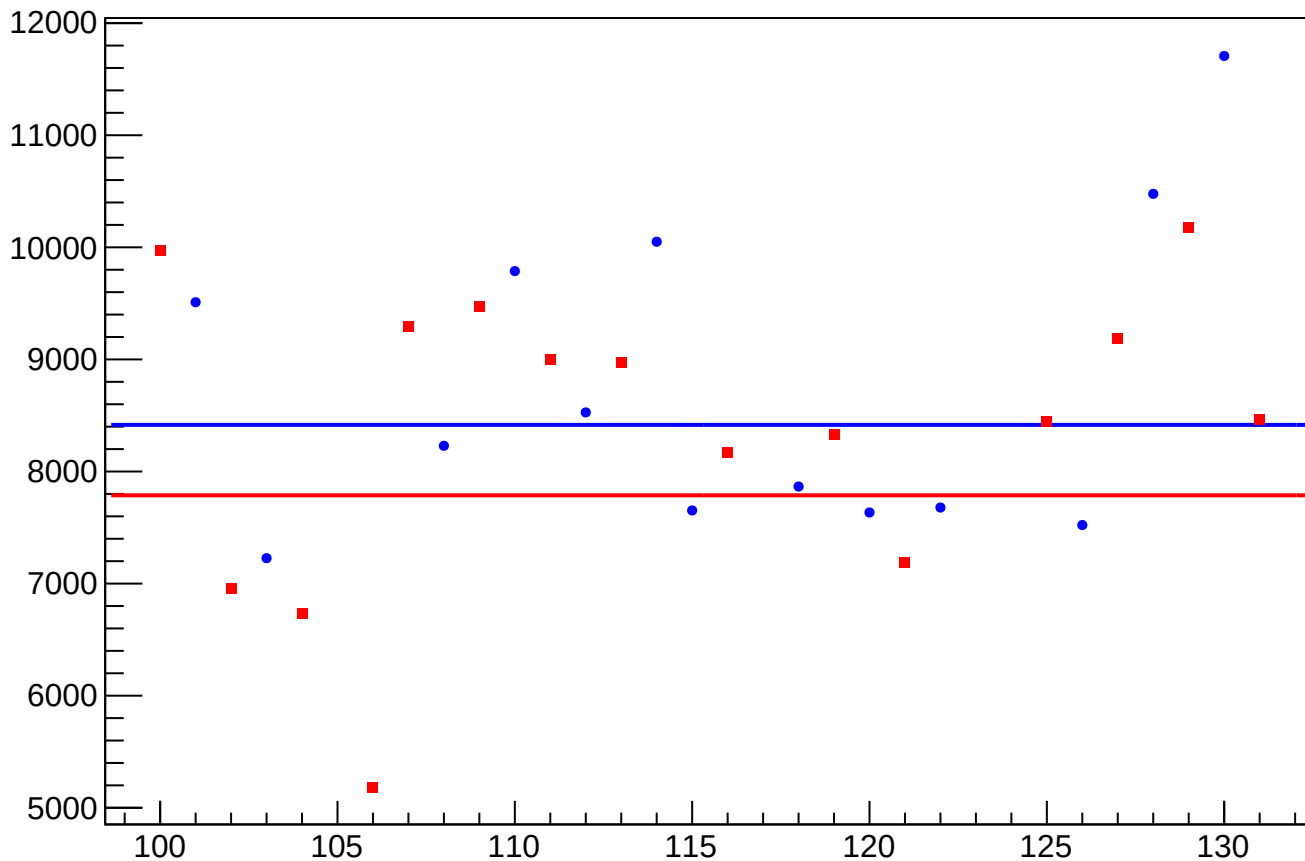
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -293.581+/-2396.830 χ^2 /NDF: 25.8/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_dit_correction_rms vs Slug



Right In: 8416.002 $\pm$ 2.567 χ^2 /NDF: 226548.5/12

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

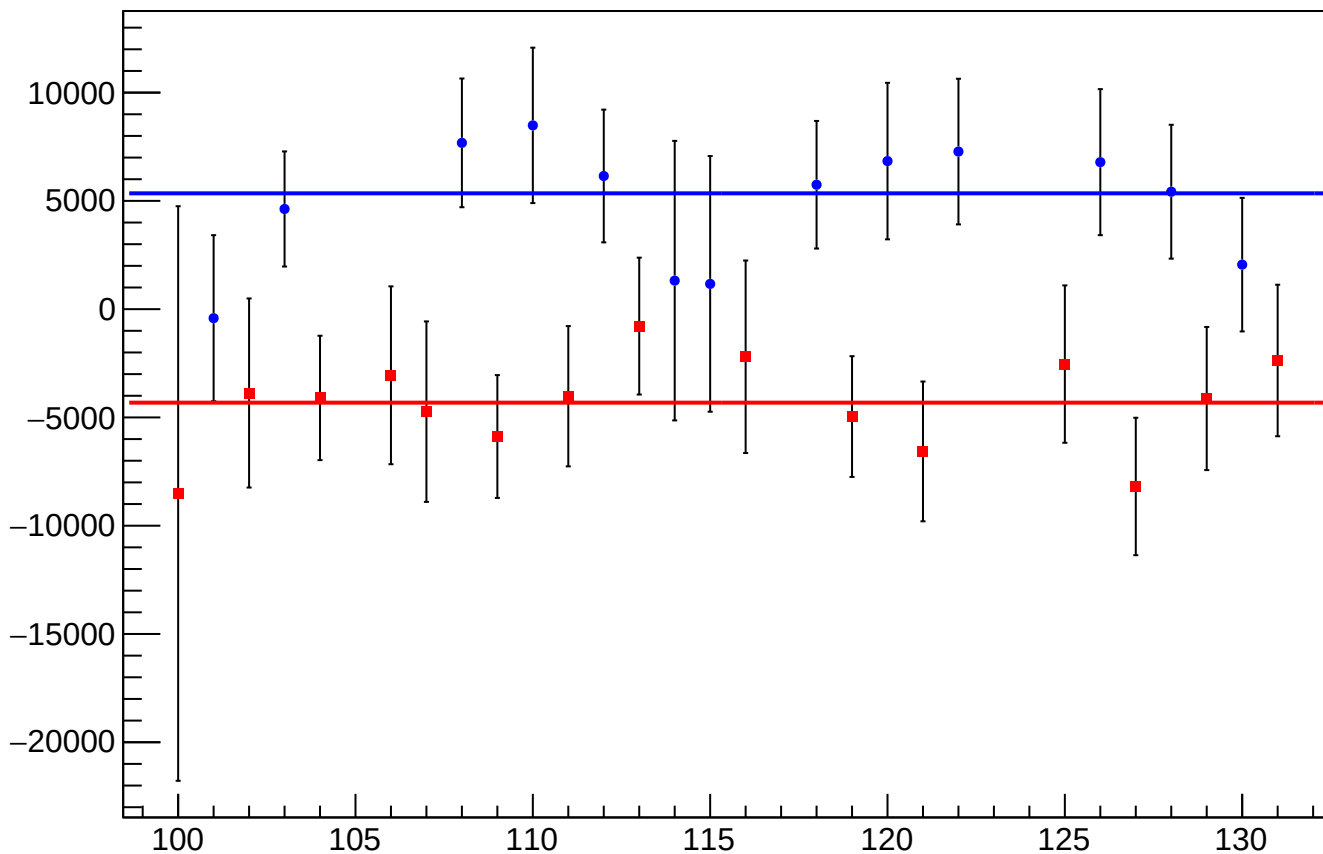
Right Out: 7787.792 $\pm$ 2.257 χ^2 /NDF: 382193.8/14

All: 8061.665 $\pm$ 1.695 χ^2 /NDF: 642527.1/27

- 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_at2lr_avg_avg_mean vs Slug



Right In: 5348.618+/-937.645 χ^2/NDF : 6.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4317.523+/-898.191 χ^2/NDF : 4.6/14

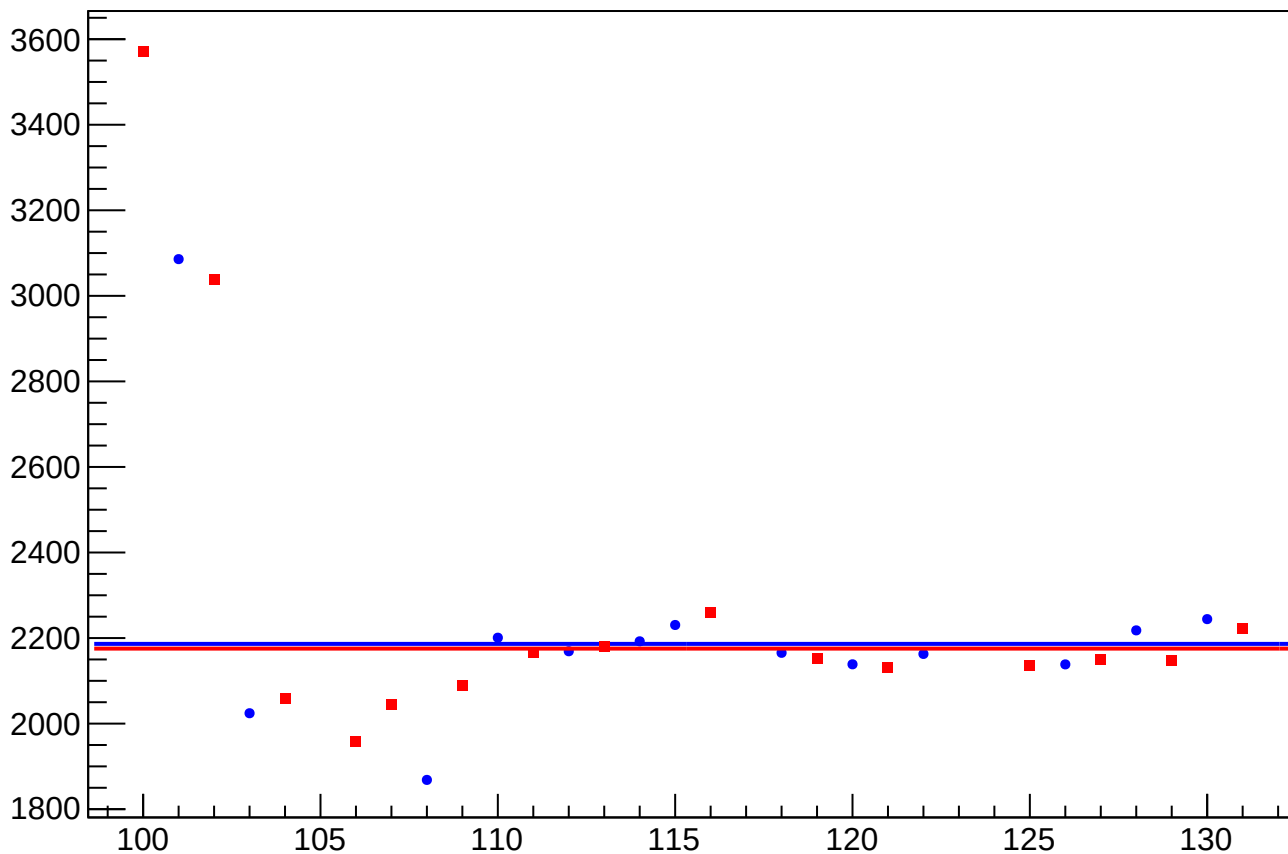
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 307.906+/-648.616 χ^2/NDF : 66.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2186.389 $\pm$ 0.663 χ^2 /NDF: 142478.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2175.362 $\pm$ 0.635 χ^2 /NDF: 115445.3/14

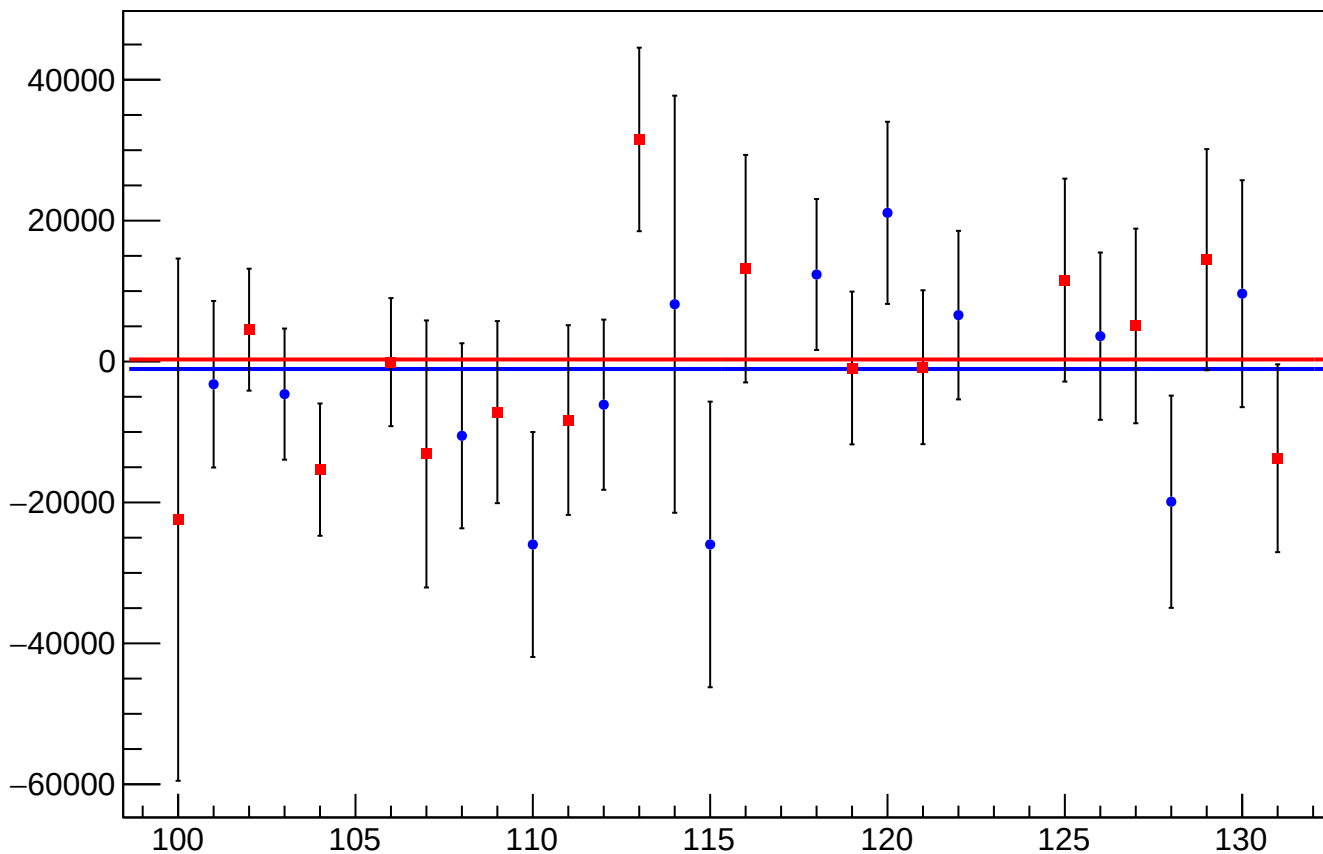
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2180.635 $\pm$ 0.458 χ^2 /NDF: 258068.5/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_mean vs Slug



Right In: -1058.748 $\pm$ 3630.059 χ^2 /NDF: 12.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 297.835 $\pm$ 3191.394 χ^2 /NDF: 13.7/14

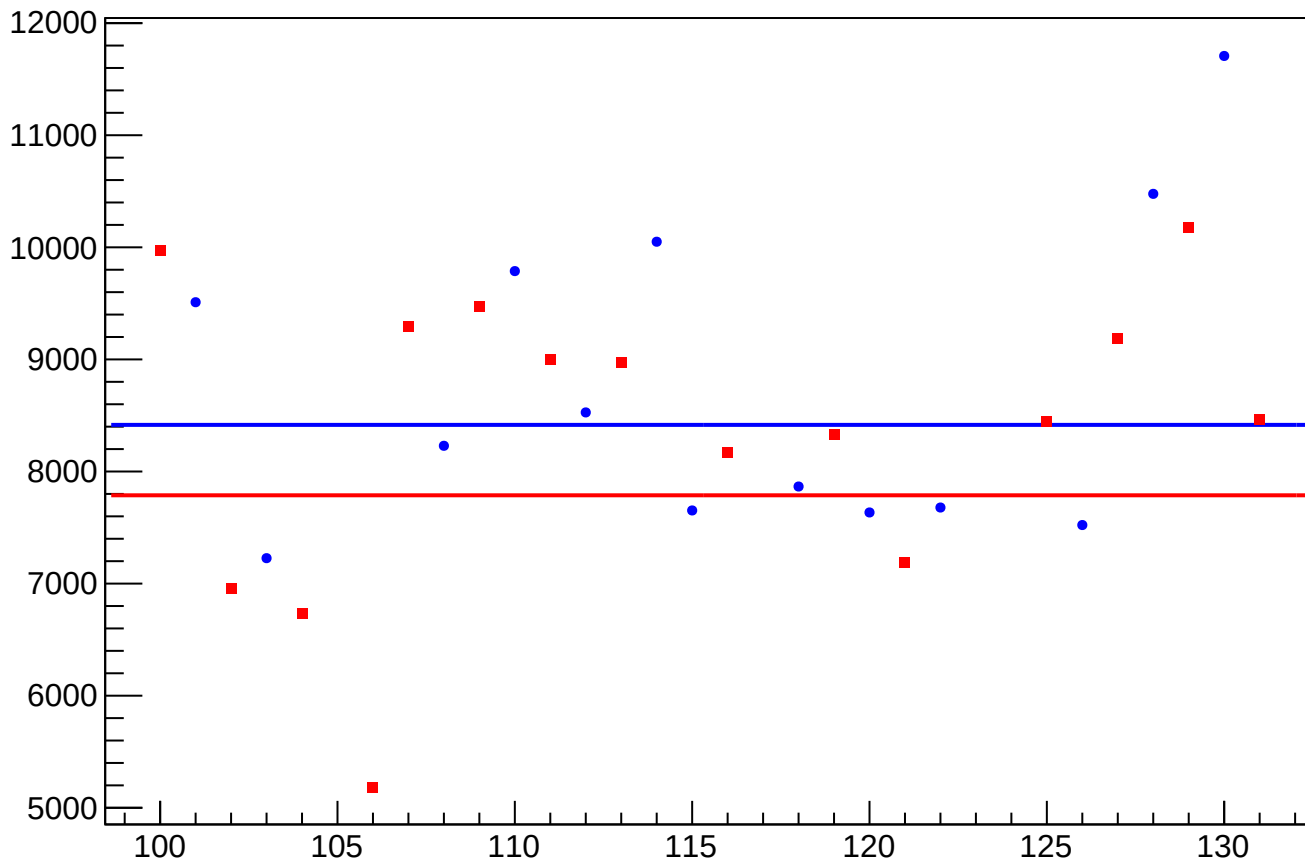
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -293.578 $\pm$ 2396.824 χ^2 /NDF: 25.8/27

- 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: 8415.976+/-2.567 χ^2/NDF : 226548.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

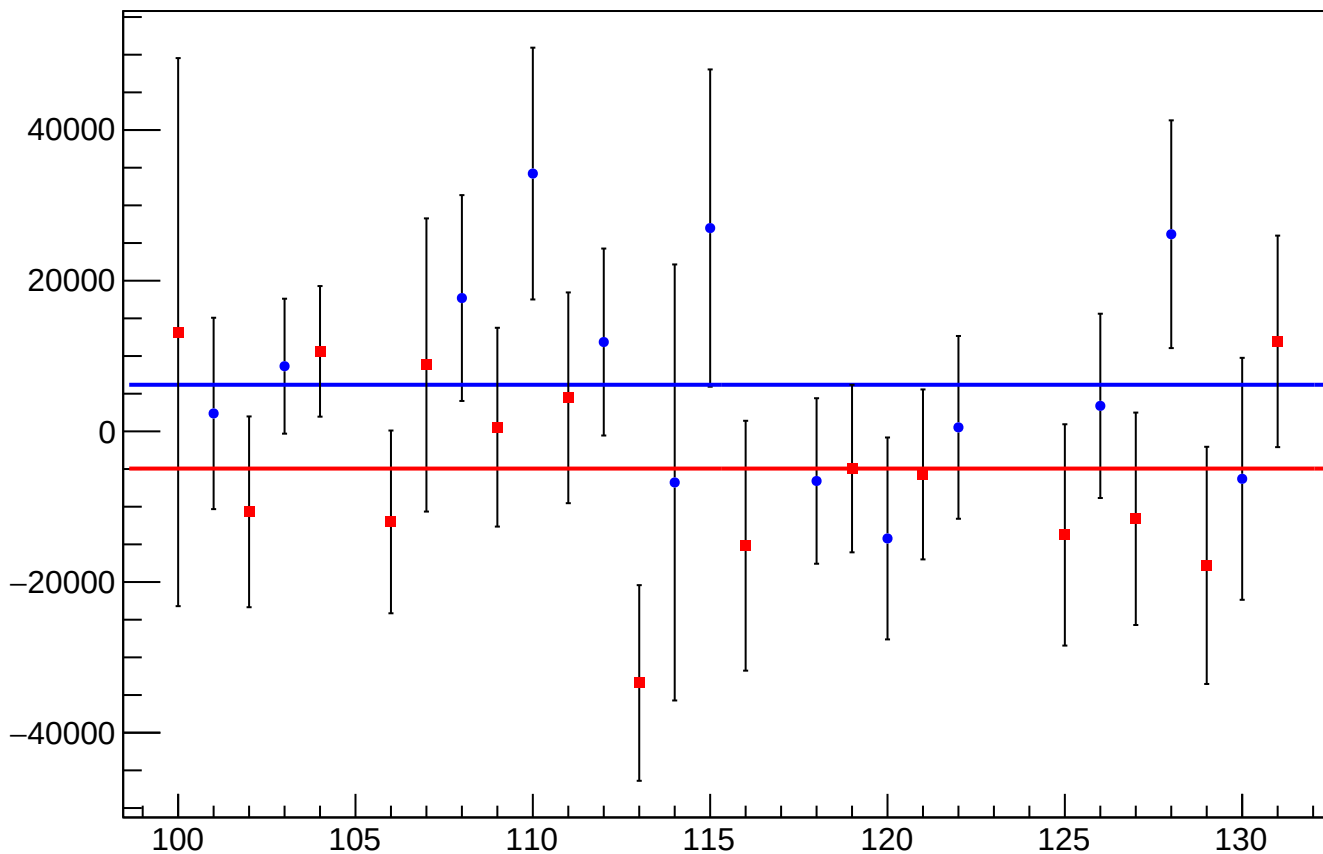
Right Out: 7787.773+/-2.257 χ^2/NDF : 382190.8/14

All: 8061.643+/-1.695 χ^2/NDF : 642523.2/27

- 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: 6185.324+/-3697.825 χ^2/NDF : 11.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4938.328+/-3432.426 χ^2/NDF : 13.0/14

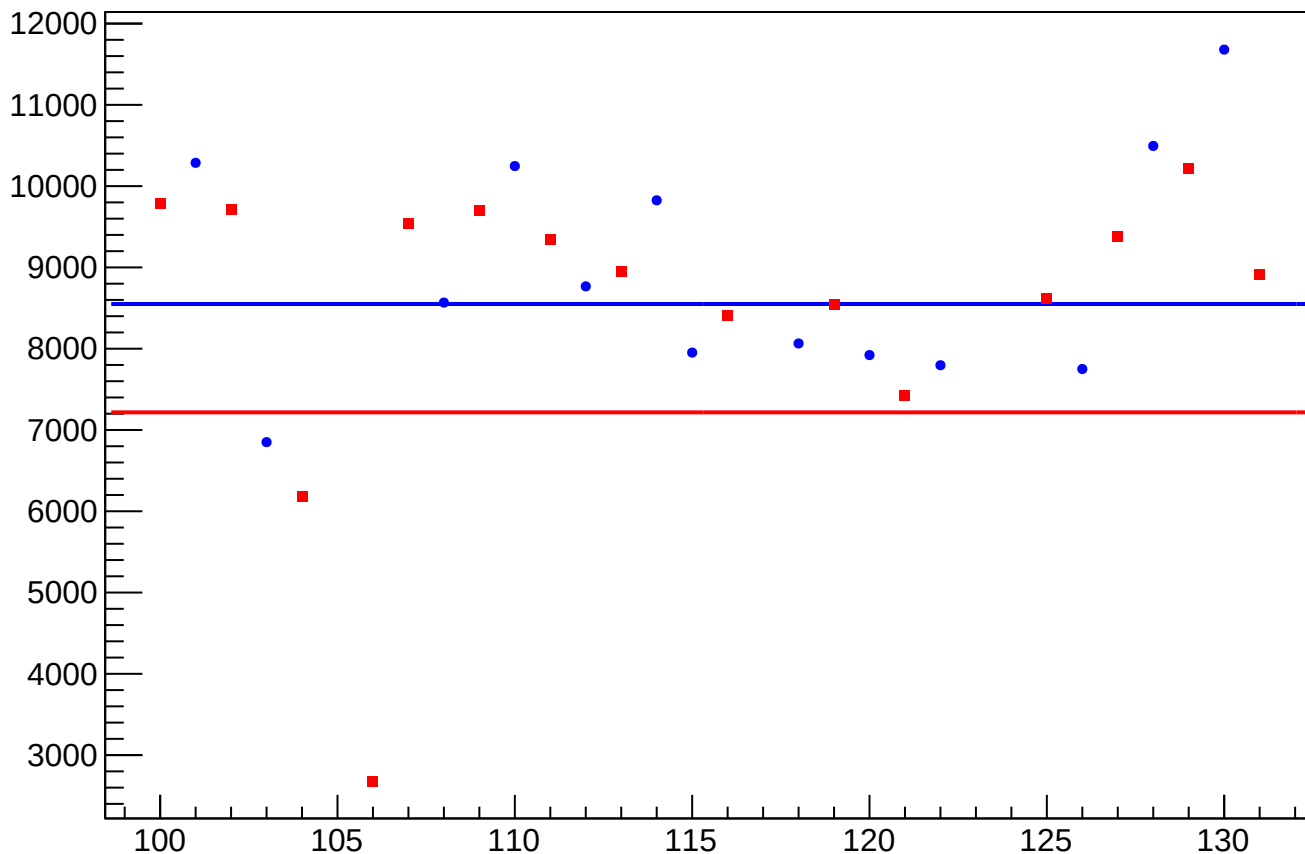
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 210.030+/-2515.690 χ^2/NDF : 29.3/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 8549.882+/-2.615 χ^2/NDF : 269771.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

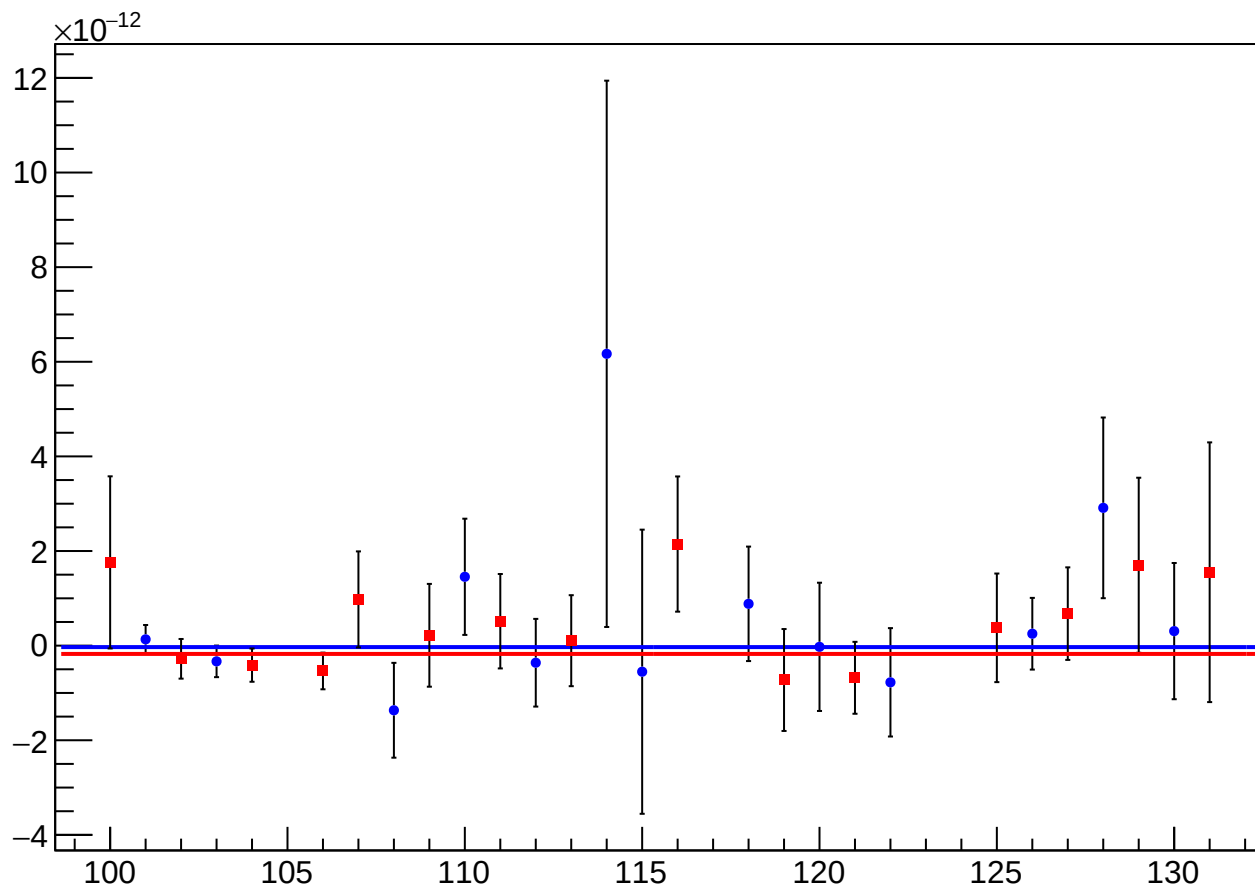
Right Out: 7216.664+/-2.234 χ^2/NDF : 1413610.2/14

All: 7779.333+/-1.699 χ^2/NDF : 1833644.6/27

- 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_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 9.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 10.3/14

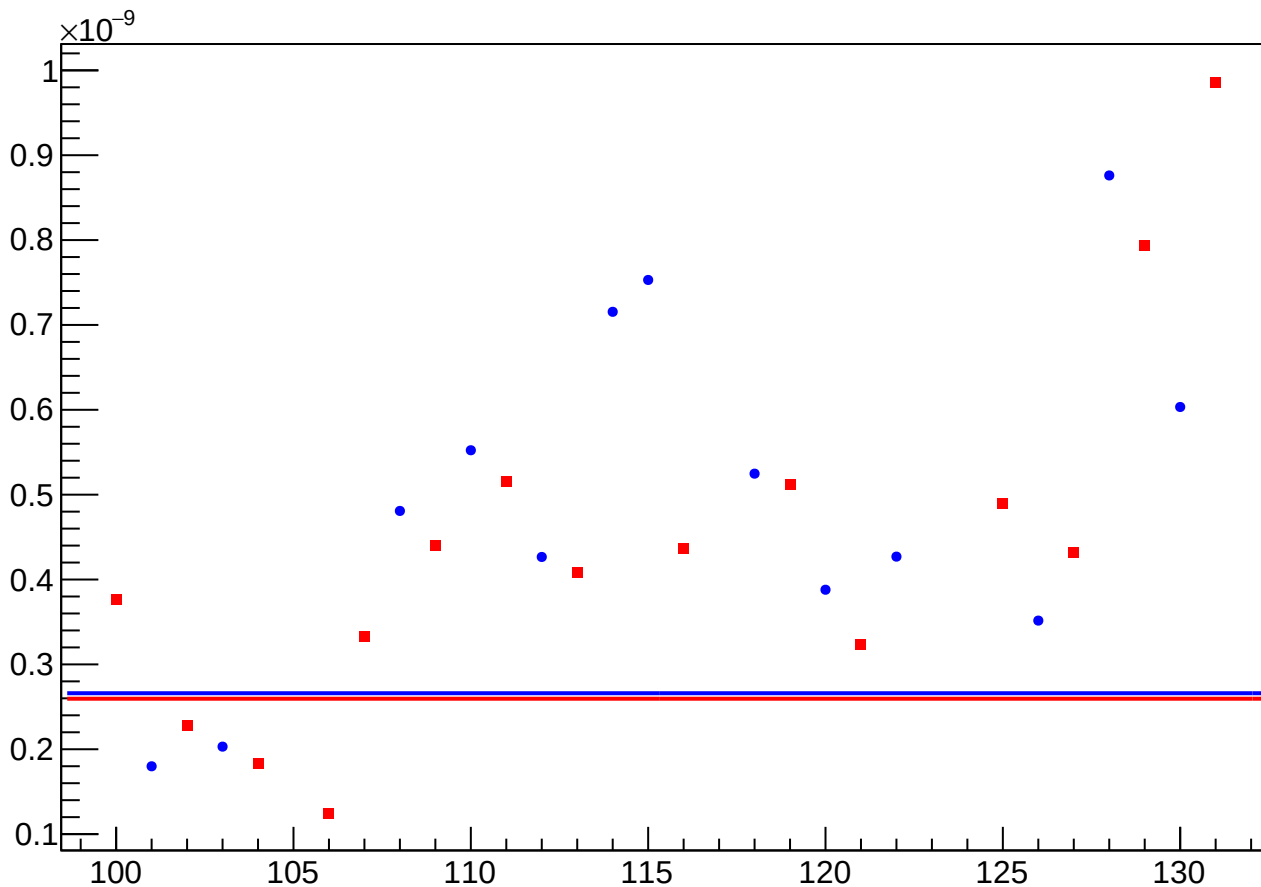
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 19.8/27

- 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 : 1044603.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1207786.2/14

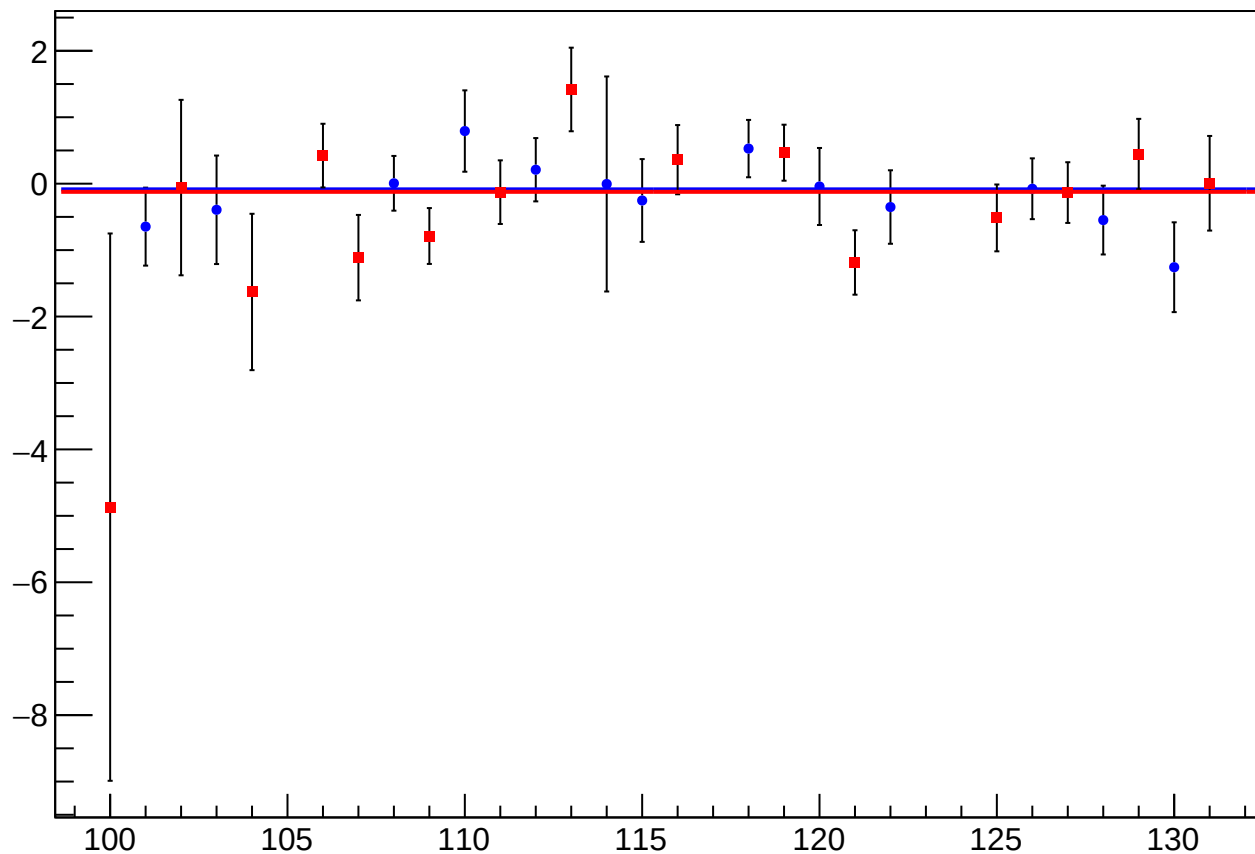
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2253579.9/27

- 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: -0.086+/-0.153 χ^2/NDF : 9.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.123+/-0.144 χ^2/NDF : 24.6/14

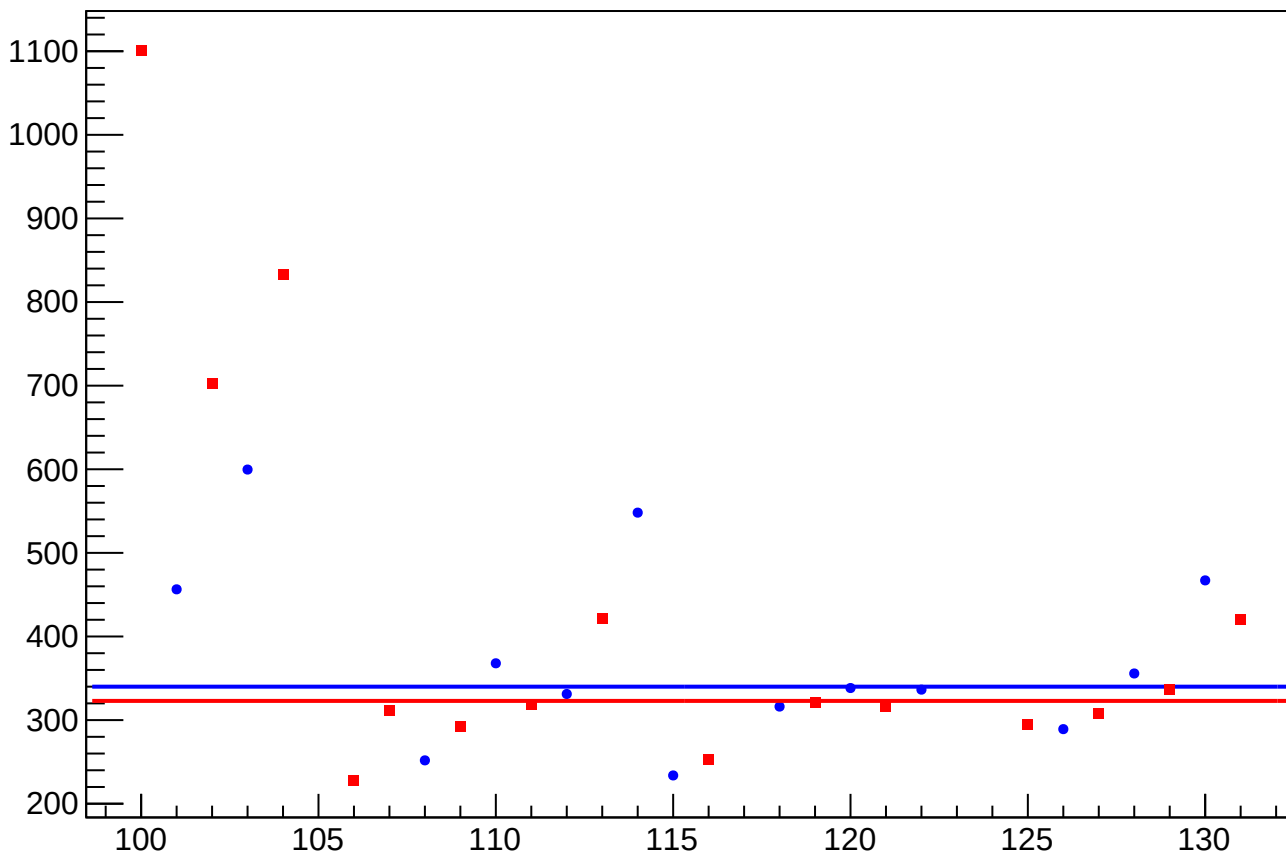
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.105+/-0.105 χ^2/NDF : 34.3/27

- 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: 339.988 $\pm$ 0.108 χ^2 /NDF: 571853.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 322.952 $\pm$ 0.102 χ^2 /NDF: 835901.0/14

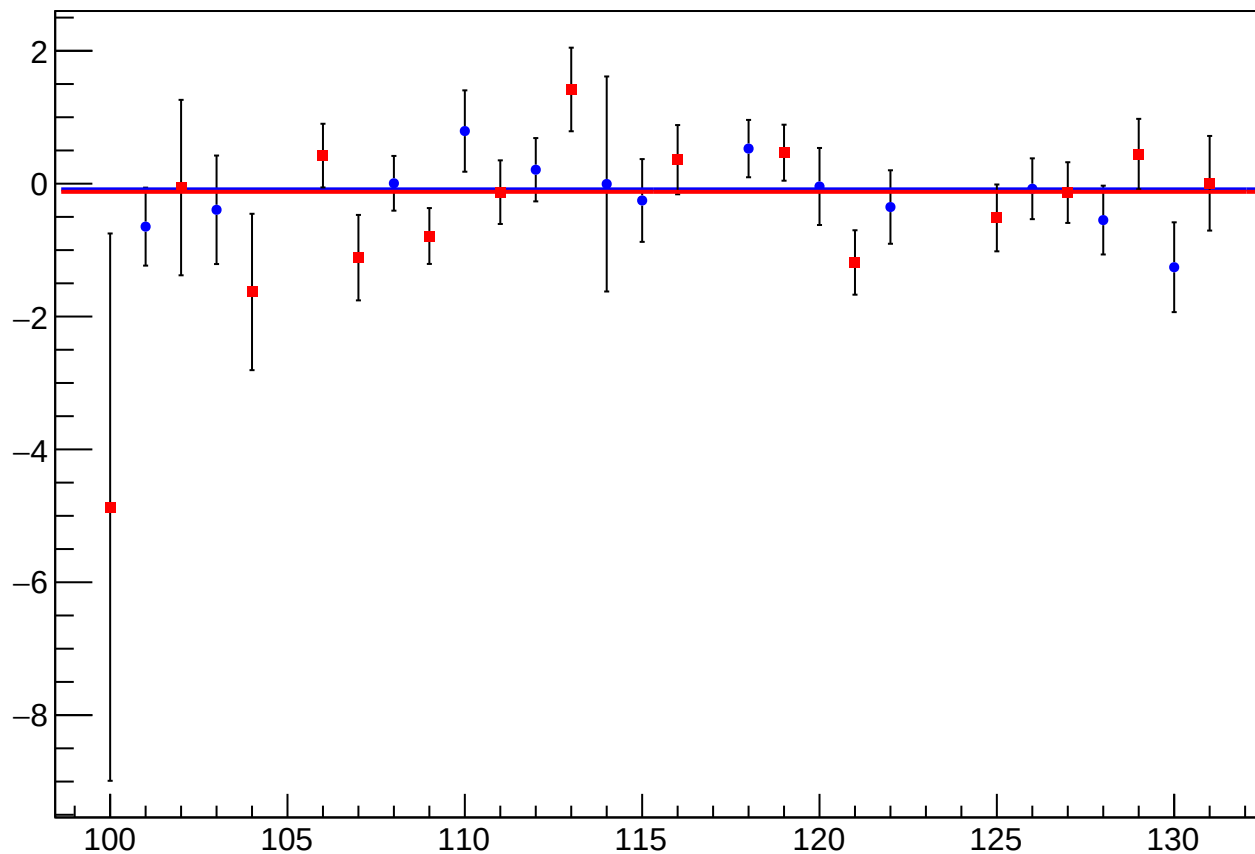
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 330.920 $\pm$ 0.074 χ^2 /NDF: 1420924.7/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.086+/-0.153 χ^2/NDF : 9.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.123+/-0.144 χ^2/NDF : 24.6/14

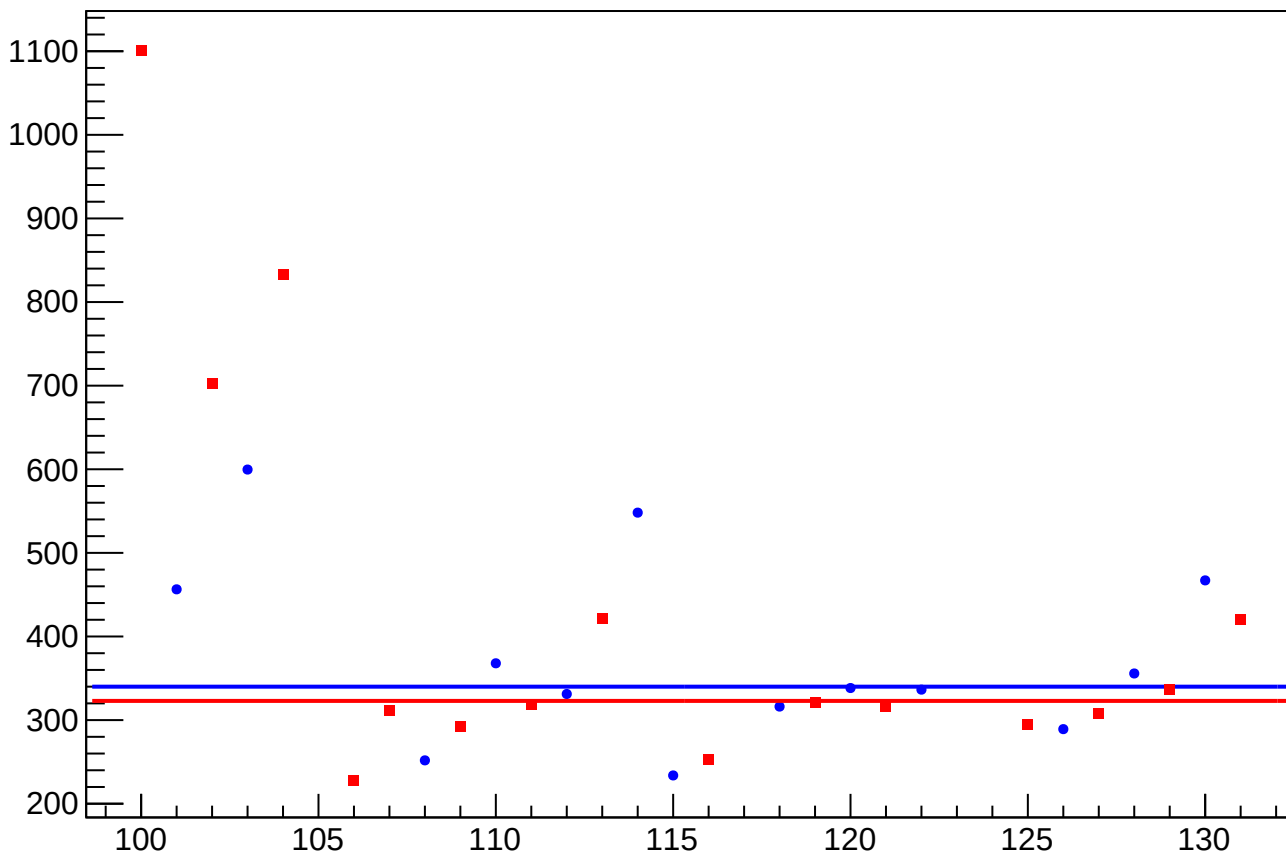
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.105+/-0.105 χ^2/NDF : 34.3/27

- 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: 339.988 $\pm$ 0.108 χ^2 /NDF: 571853.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 322.952 $\pm$ 0.102 χ^2 /NDF: 835901.0/14

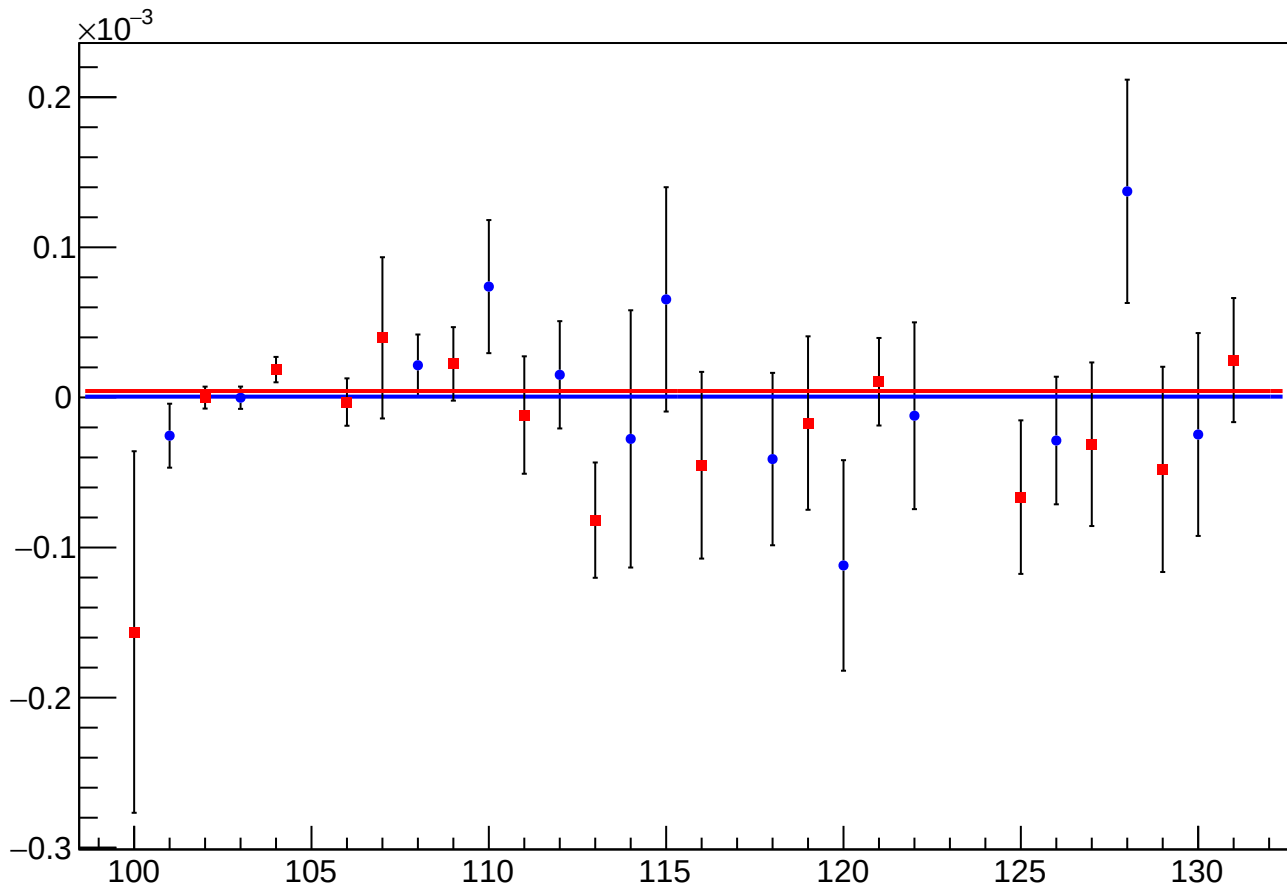
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 330.920 $\pm$ 0.074 χ^2 /NDF: 1420924.7/27

- sign 0.000 $\pm$ 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+/-0.000 χ^2/NDF : 13.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.3/14

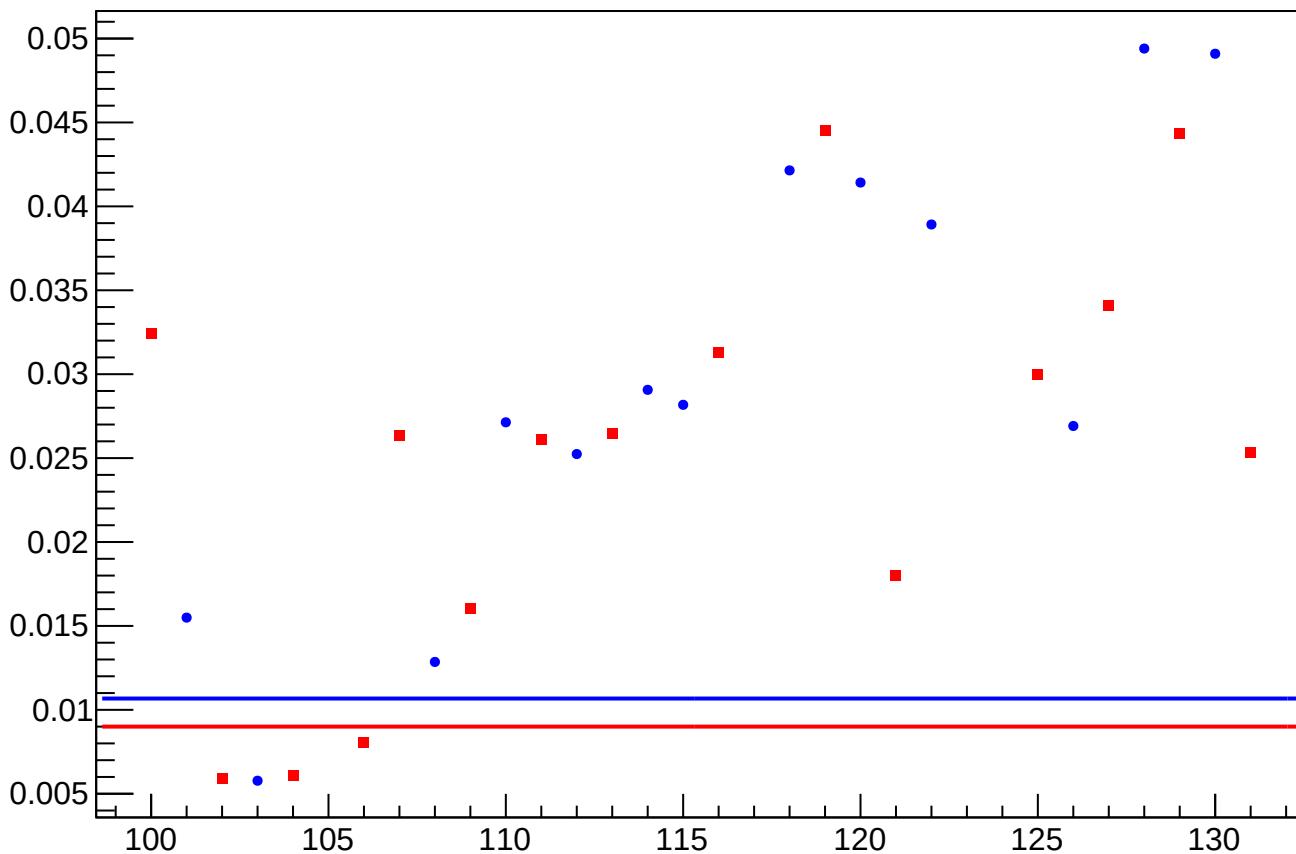
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.0/27

- sign 0.000+/-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 : 4681478.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 4663765.4/14

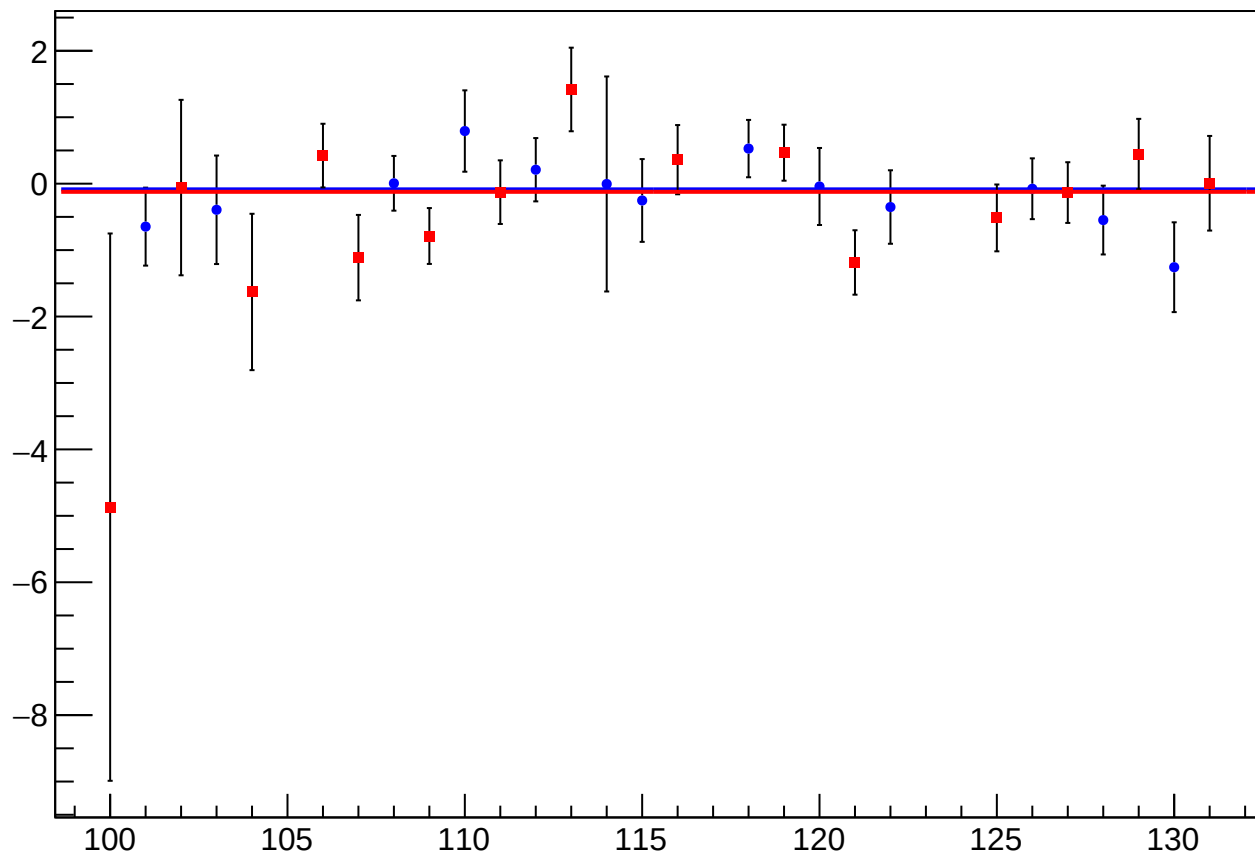
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 9436281.5/27

- 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: -0.086 $\pm$ 0.153 χ^2 /NDF: 9.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.123 $\pm$ 0.144 χ^2 /NDF: 24.6/14

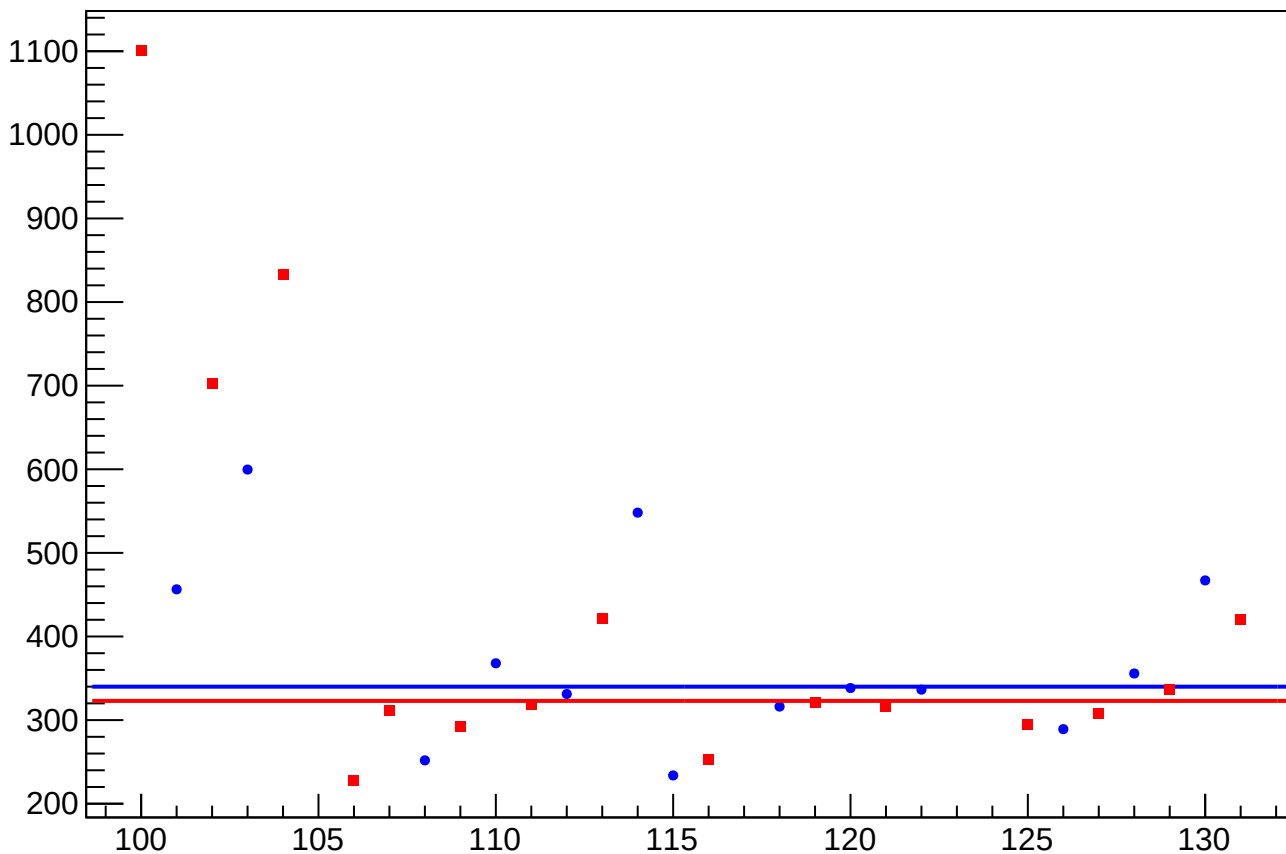
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.105 $\pm$ 0.105 χ^2 /NDF: 34.3/27

- 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: 339.986 ± 0.108 χ^2/NDF : 571799.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 322.949 ± 0.102 χ^2/NDF : 835878.6/14

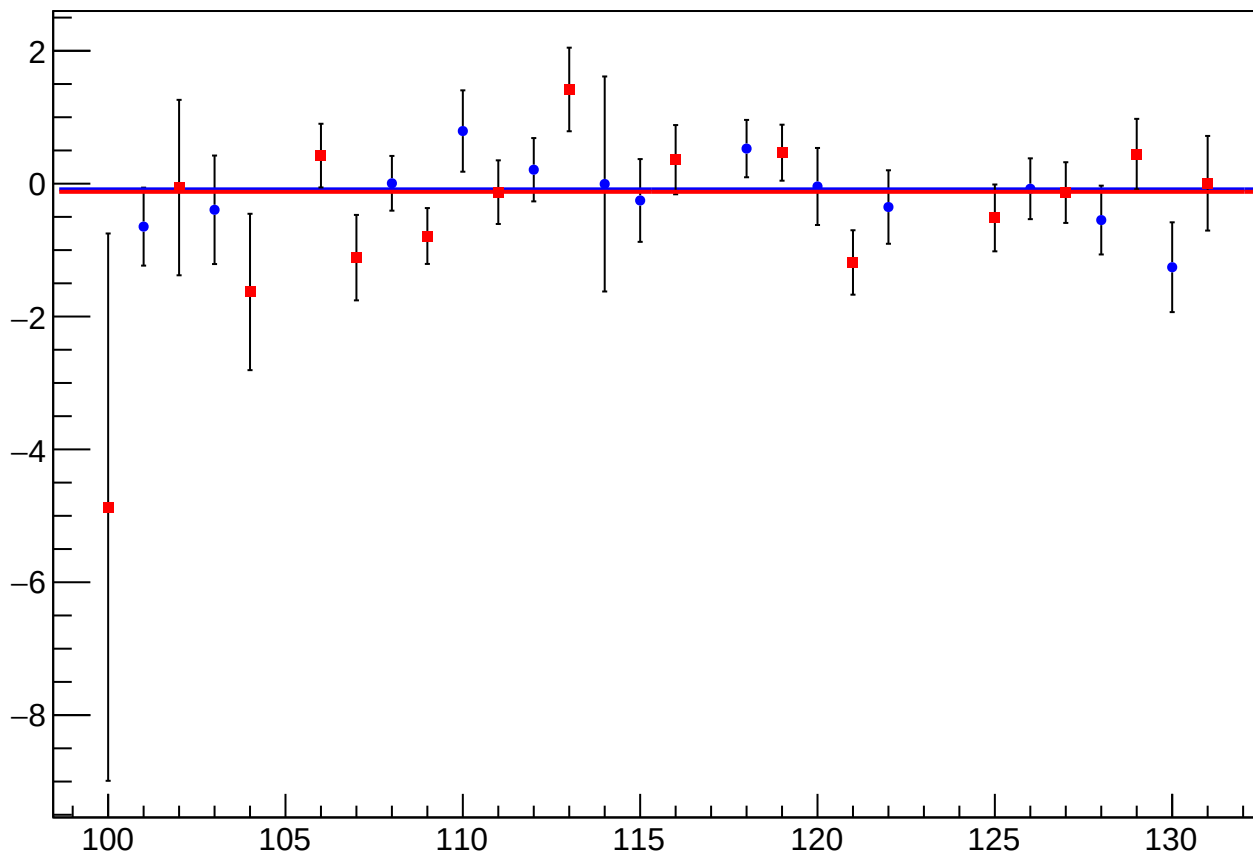
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 330.918 ± 0.074 χ^2/NDF : 1420849.1/27

- 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: -0.086+/-0.153 χ^2 /NDF: 9.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.123+/-0.144 χ^2 /NDF: 24.6/14

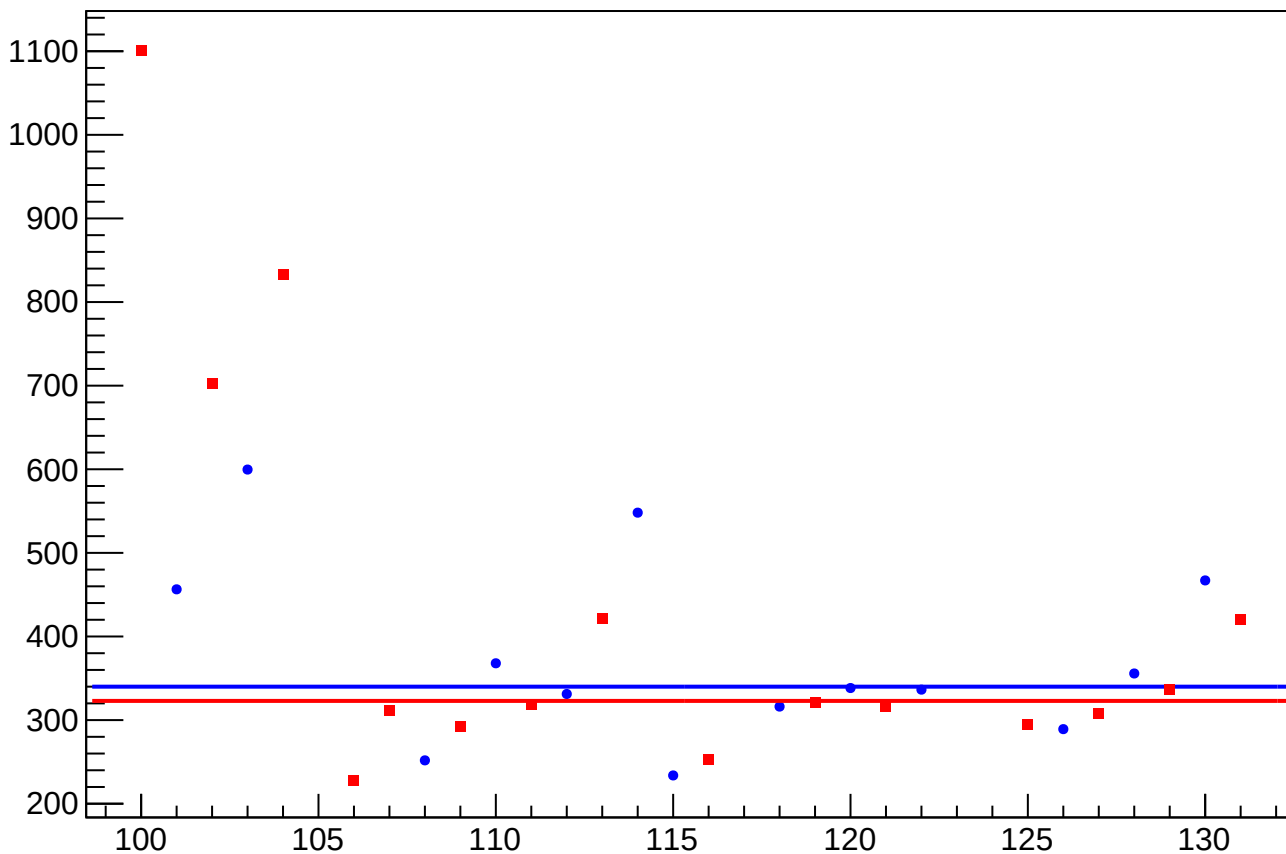
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.105+/-0.105 χ^2 /NDF: 34.3/27

- 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: 339.986 $\pm$ 0.108 χ^2 /NDF: 571799.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 322.949 $\pm$ 0.102 χ^2 /NDF: 835878.6/14

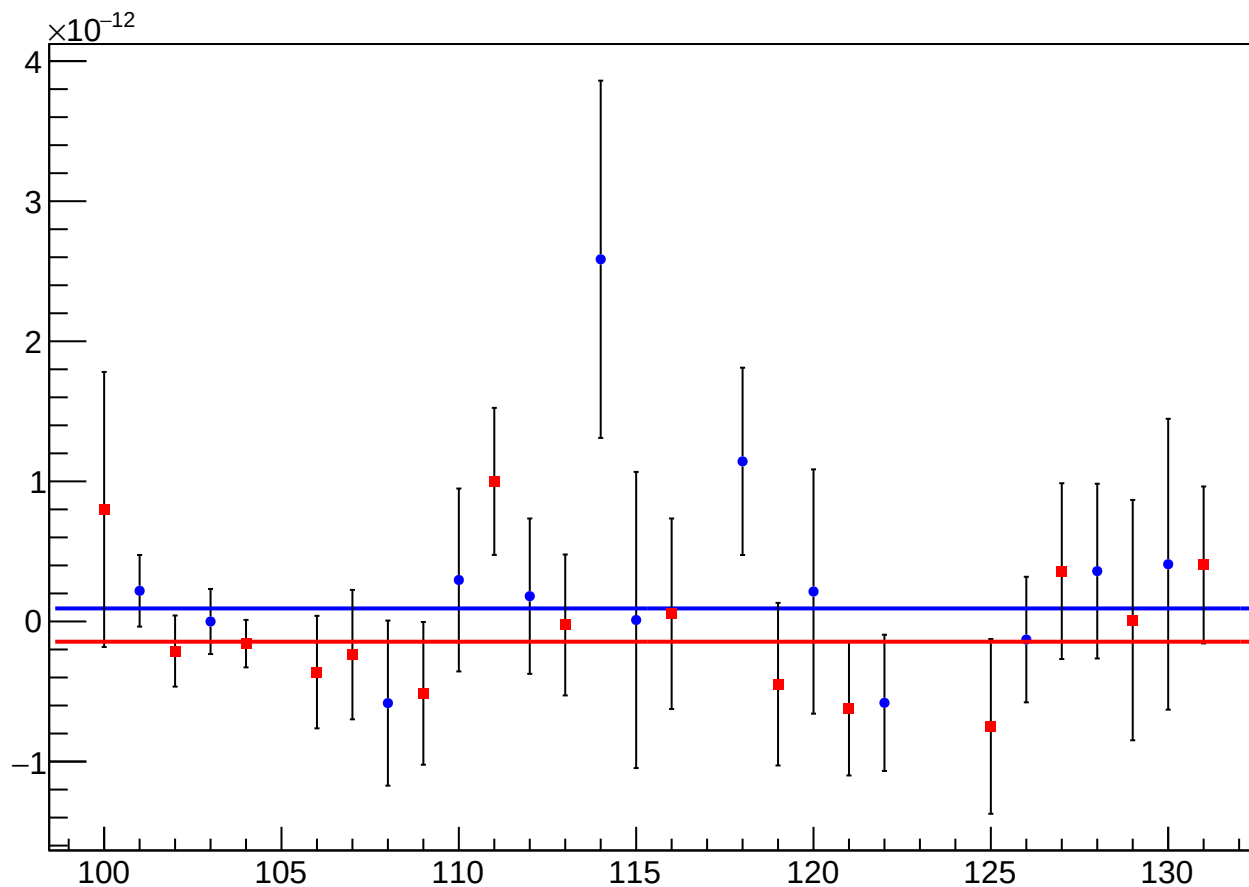
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 330.918 $\pm$ 0.074 χ^2 /NDF: 1420849.1/27

- 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 : 10.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.6/14

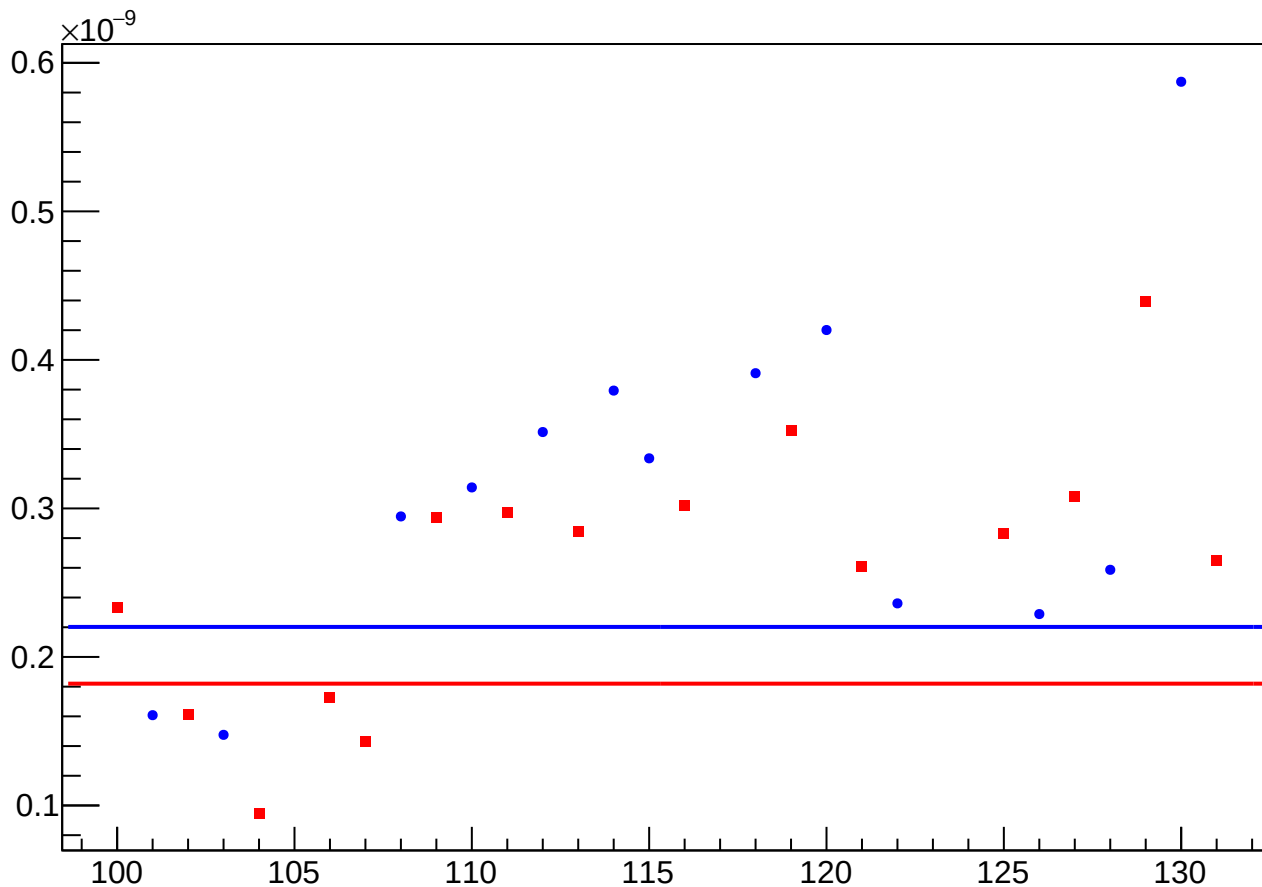
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.3/27

- 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 : 1039442.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1490193.0/14

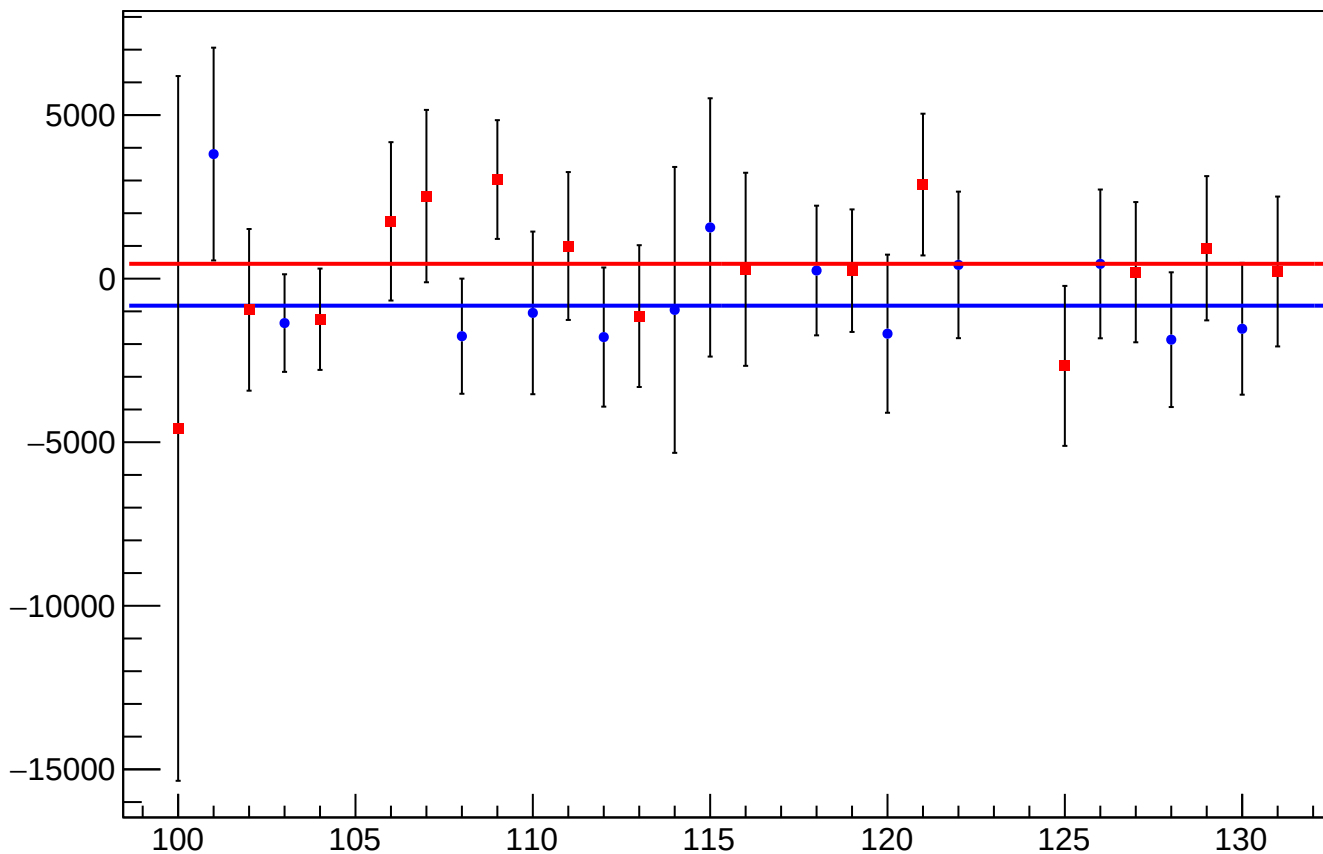
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2636163.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -826.240+/-612.369 χ^2/NDF : 4.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 453.635+/-576.346 χ^2/NDF : 8.2/14

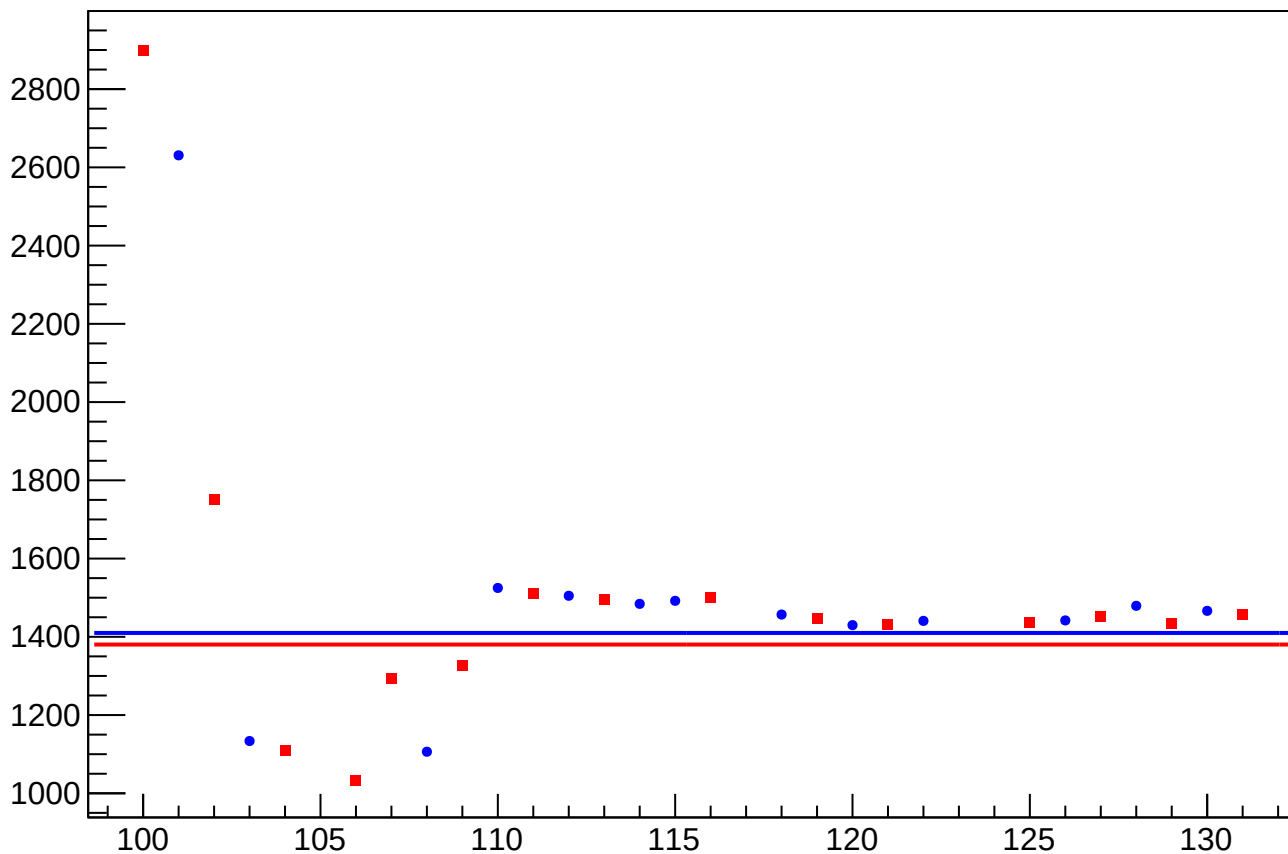
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -147.552+/-419.696 χ^2/NDF : 15.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1409.926+/-0.433 χ^2/NDF : 425559.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1380.218+/-0.404 χ^2/NDF : 228452.8/14

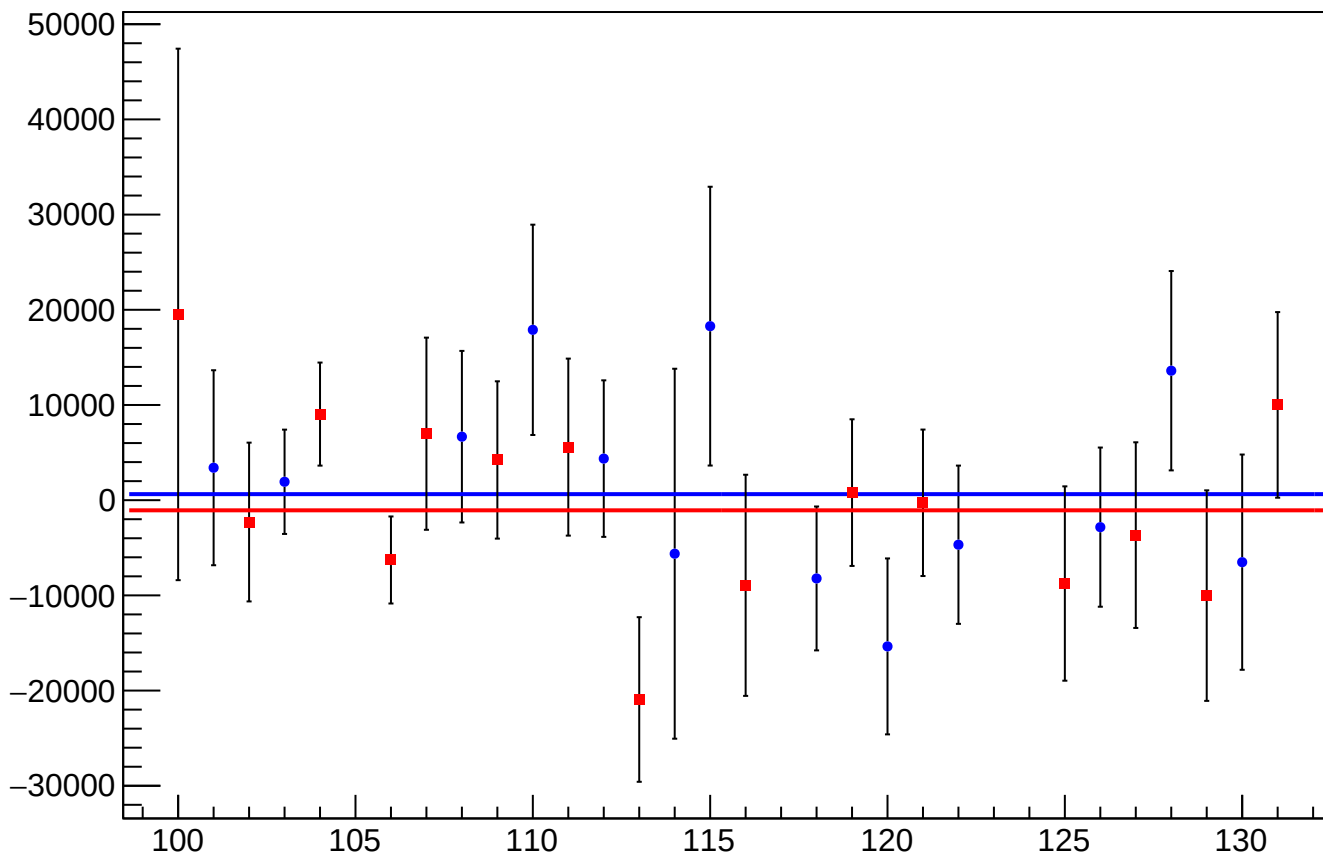
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1394.051+/-0.295 χ^2/NDF : 656527.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_reg_correction_mean vs Slug



Right In: 634.064 $\pm$ 2496.825 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1065.824 $\pm$ 2098.721 χ^2 /NDF: 15.3/14

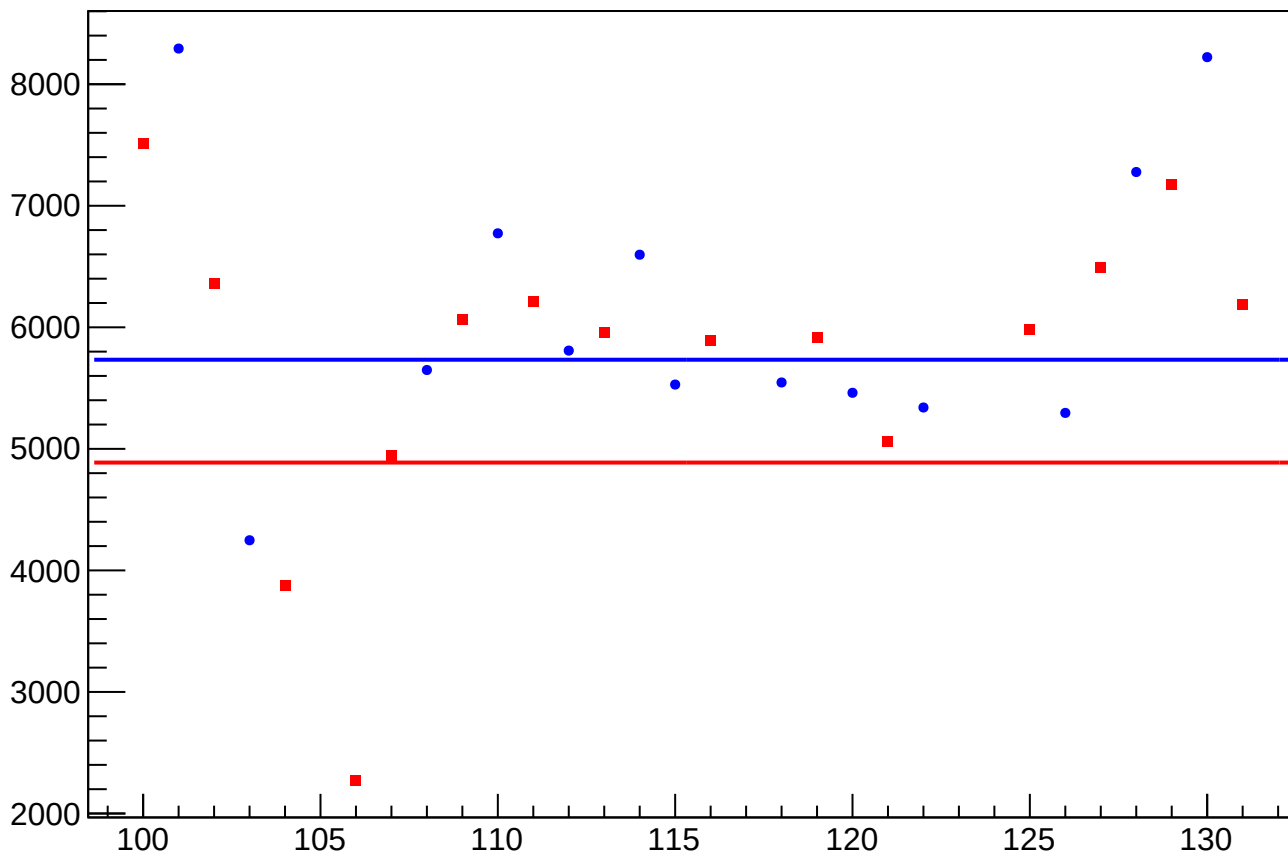
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -362.042 $\pm$ 1606.561 χ^2 /NDF: 27.2/27

- 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: 5733.318+/-1.766 χ^2/NDF : 447750.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

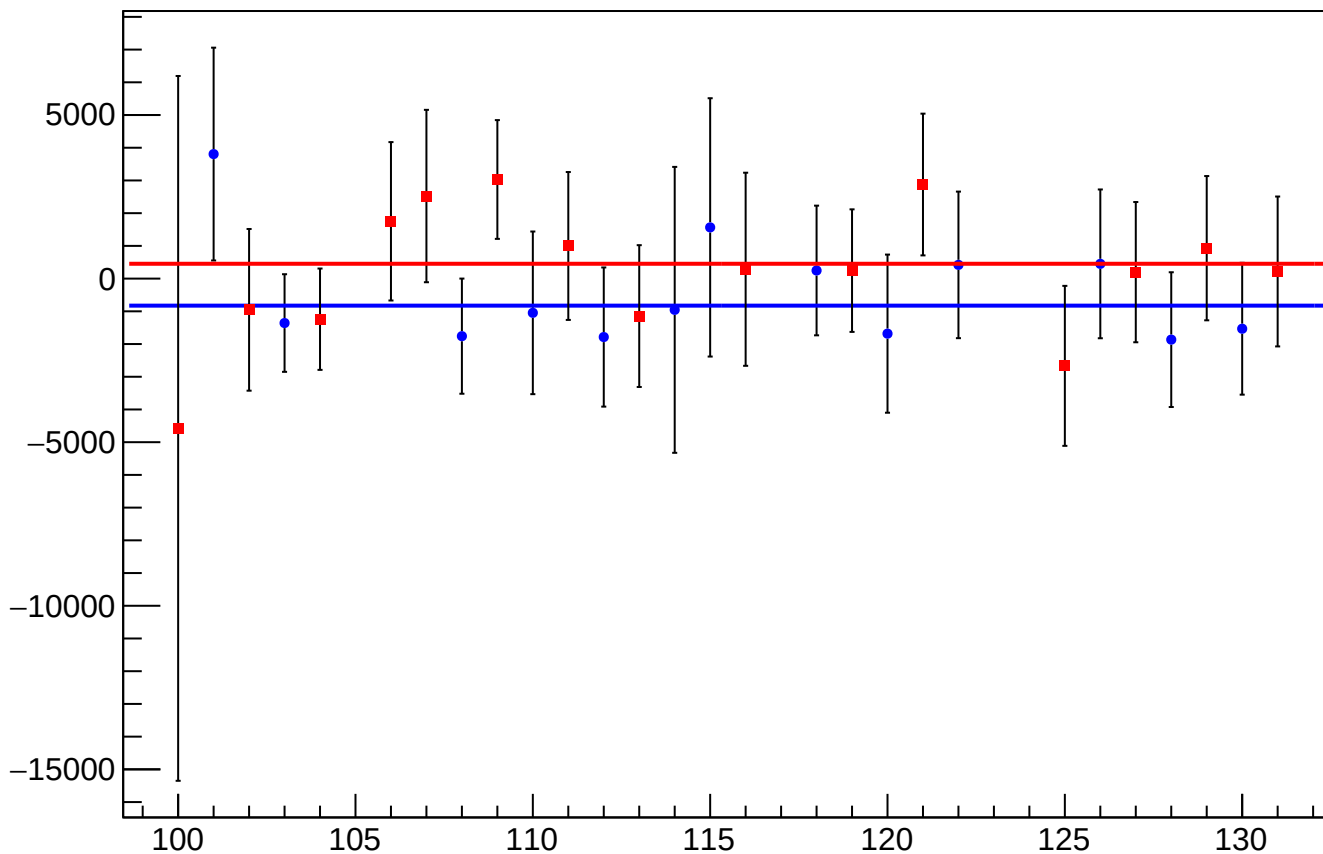
Right Out: 4887.274+/-1.484 χ^2/NDF : 1165664.2/14

All: 5237.550+/-1.136 χ^2/NDF : 1747977.1/27

- 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: -826.322+/-612.369 χ^2/NDF : 4.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 453.448+/-576.346 χ^2/NDF : 8.2/14

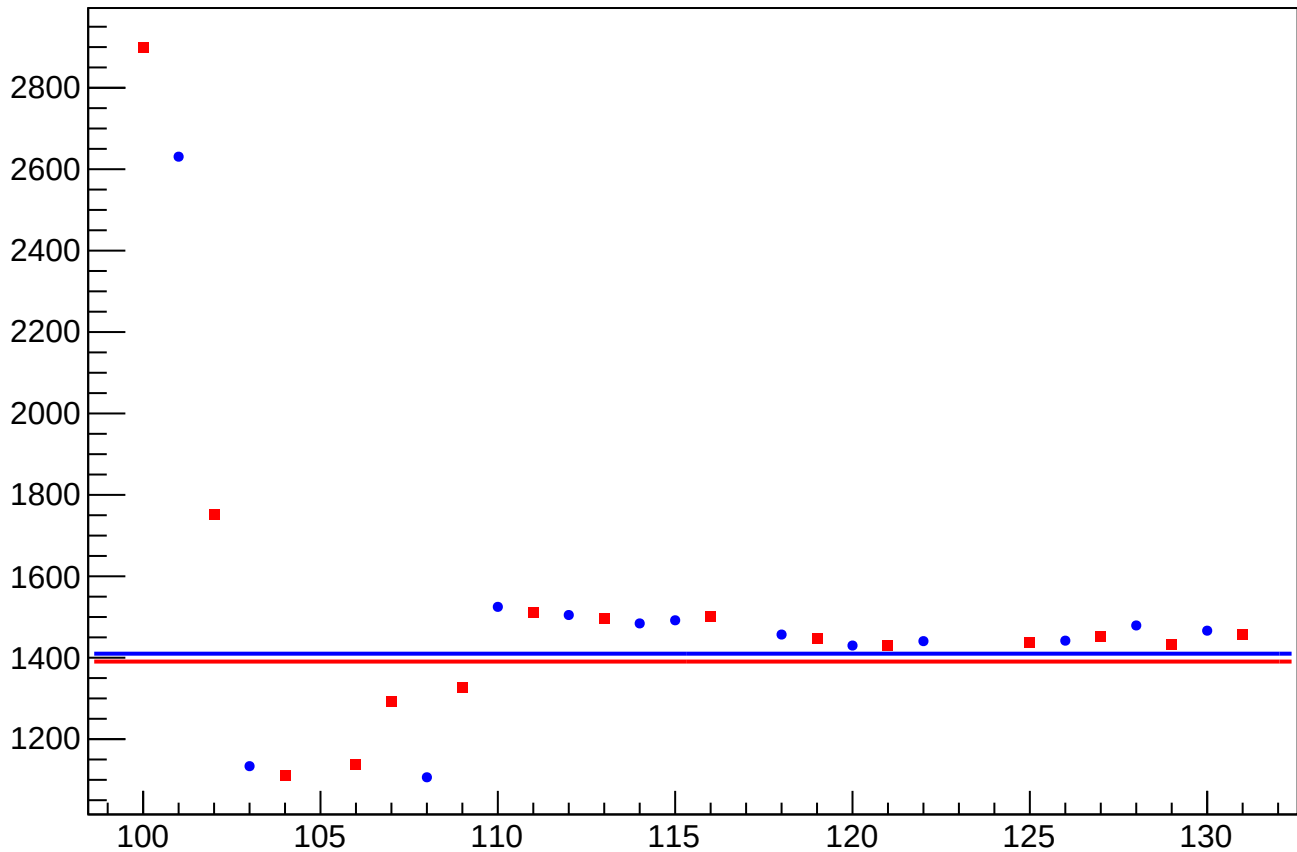
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -147.690+/-419.696 χ^2/NDF : 15.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1409.925+/-0.433 χ^2/NDF : 425559.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1390.531+/-0.407 χ^2/NDF : 196800.4/14

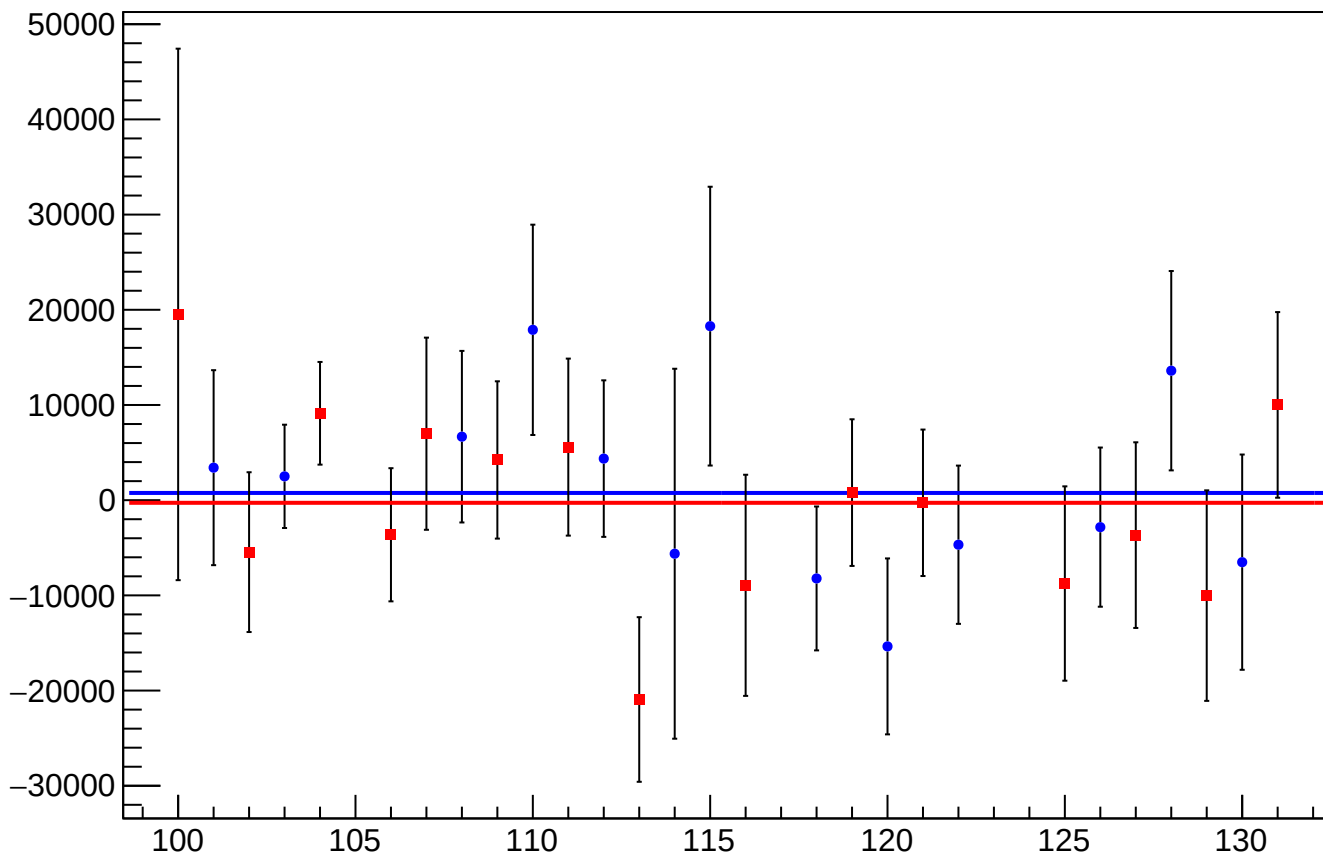
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1399.617+/-0.296 χ^2/NDF : 623425.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_cor_correction_mean vs Slug



Right In: 760.017 $\pm$ 2491.801 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -275.779 $\pm$ 2237.826 χ^2 /NDF: 14.4/14

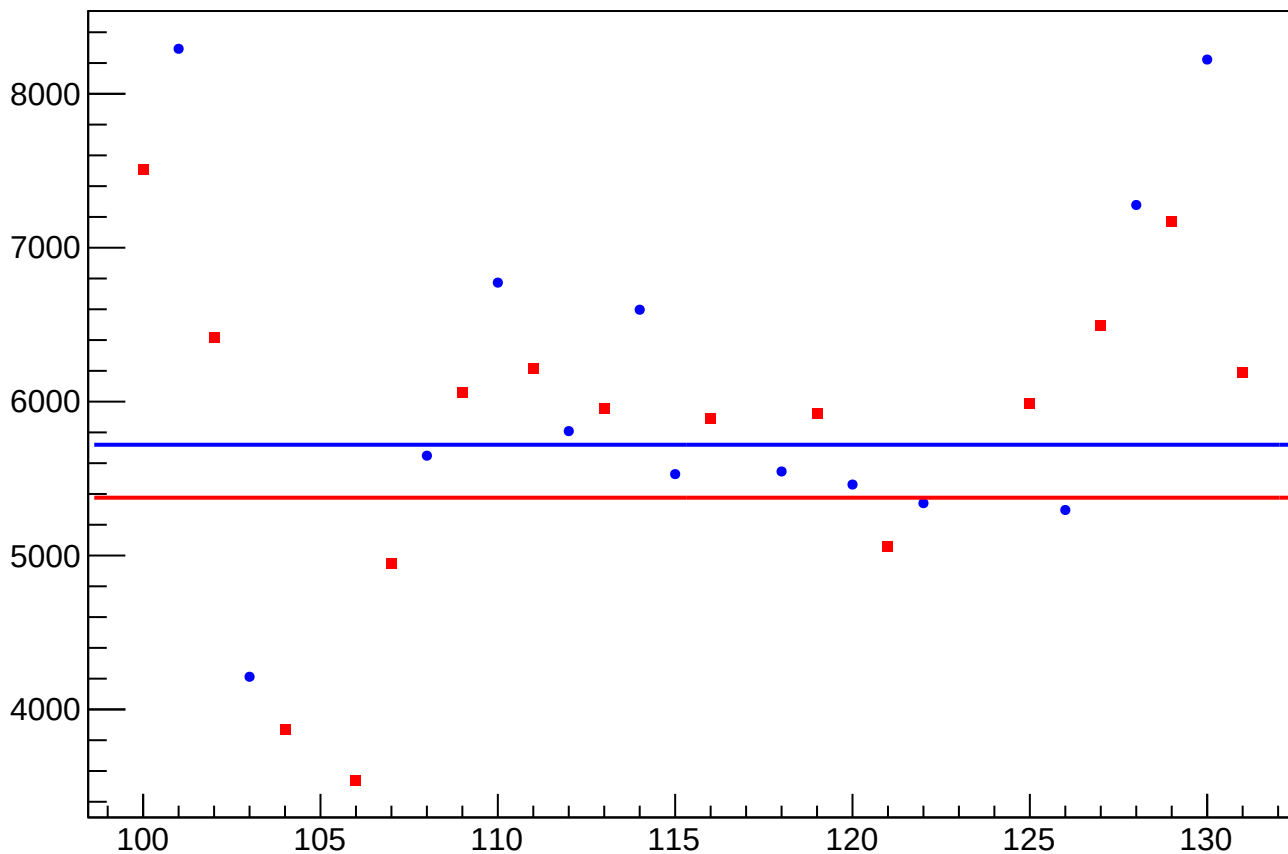
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 186.658 $\pm$ 1664.955 χ^2 /NDF: 26.2/27

- 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: 5719.796+/-1.762 χ^2/NDF : 457785.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

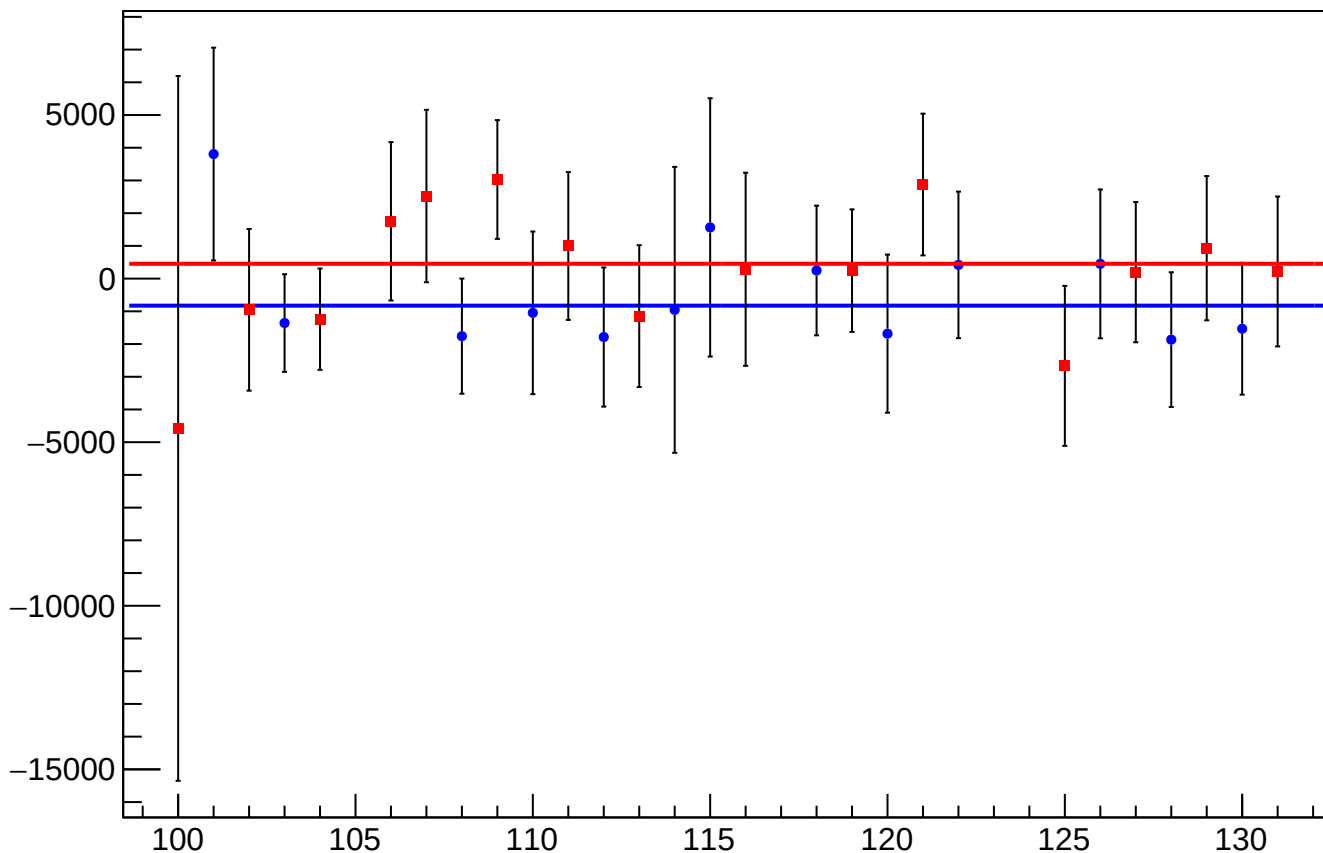
Right Out: 5375.793+/-1.582 χ^2/NDF : 496456.3/14

All: 5529.375+/-1.177 χ^2/NDF : 975342.0/27

- 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: -826.322+/-612.369 χ^2/NDF : 4.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 453.448+/-576.346 χ^2/NDF : 8.2/14

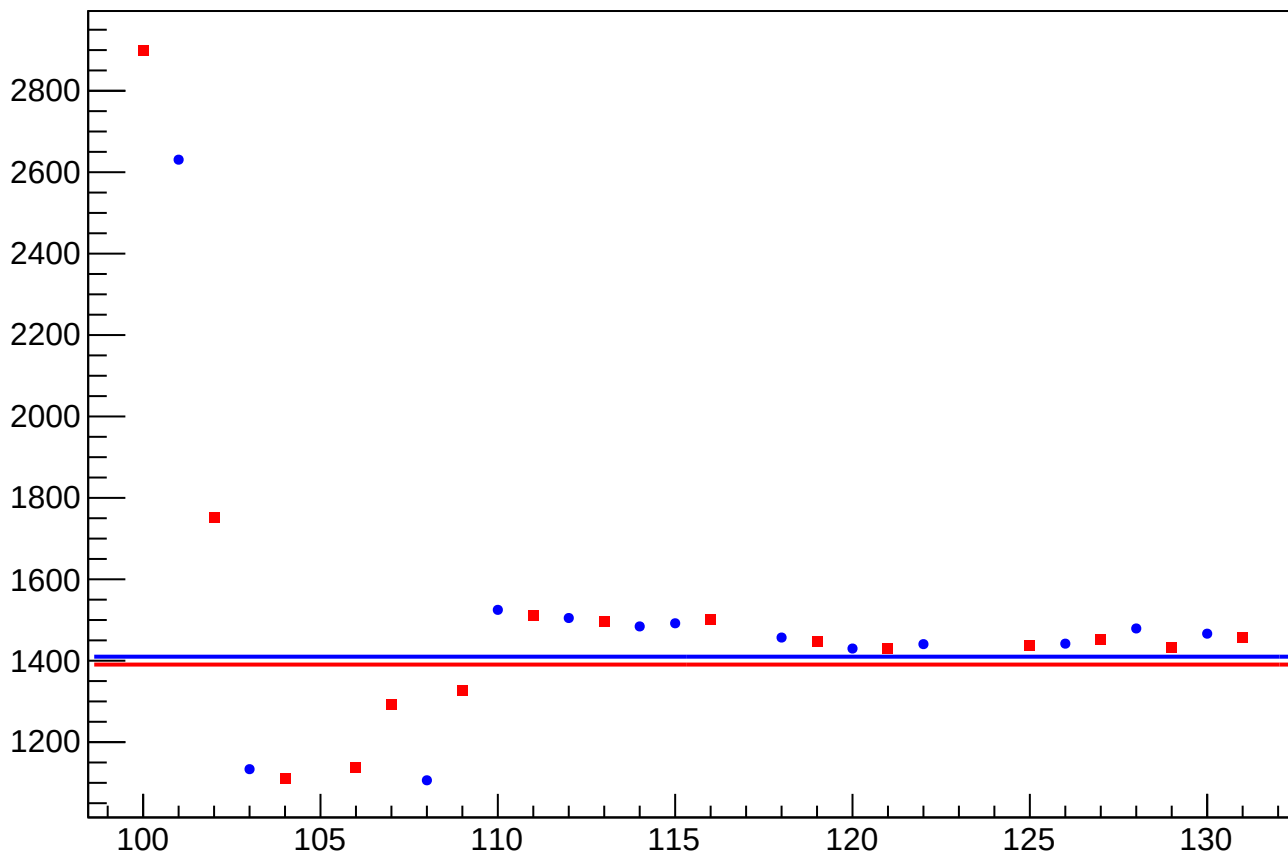
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -147.690+/-419.696 χ^2/NDF : 15.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1409.925+/-0.433 χ^2/NDF : 425559.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1390.531+/-0.407 χ^2/NDF : 196800.4/14

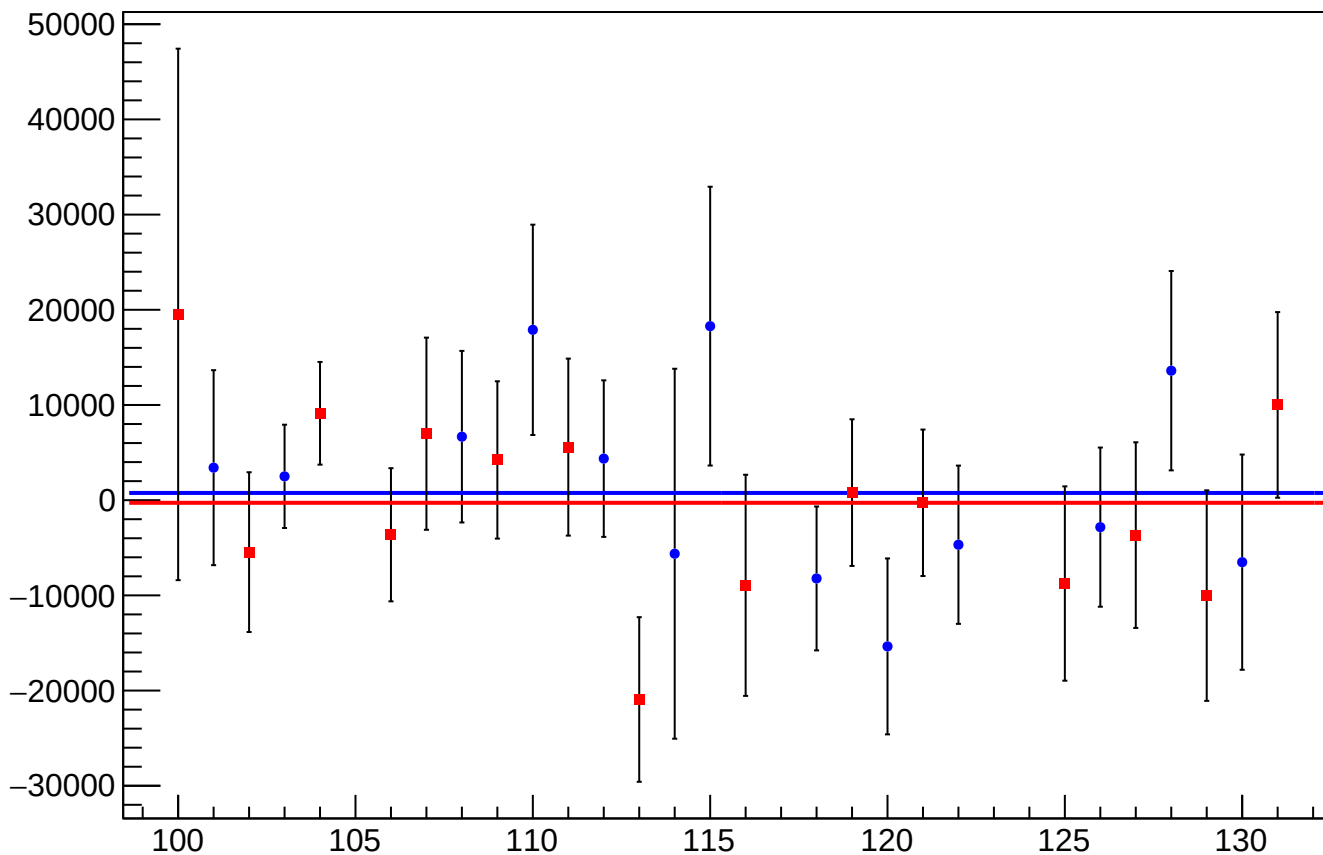
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1399.617+/-0.296 χ^2/NDF : 623425.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_mean vs Slug



Right In: 760.017+/-2491.801 χ^2 /NDF: 11.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -275.779+/-2237.826 χ^2 /NDF: 14.4/14

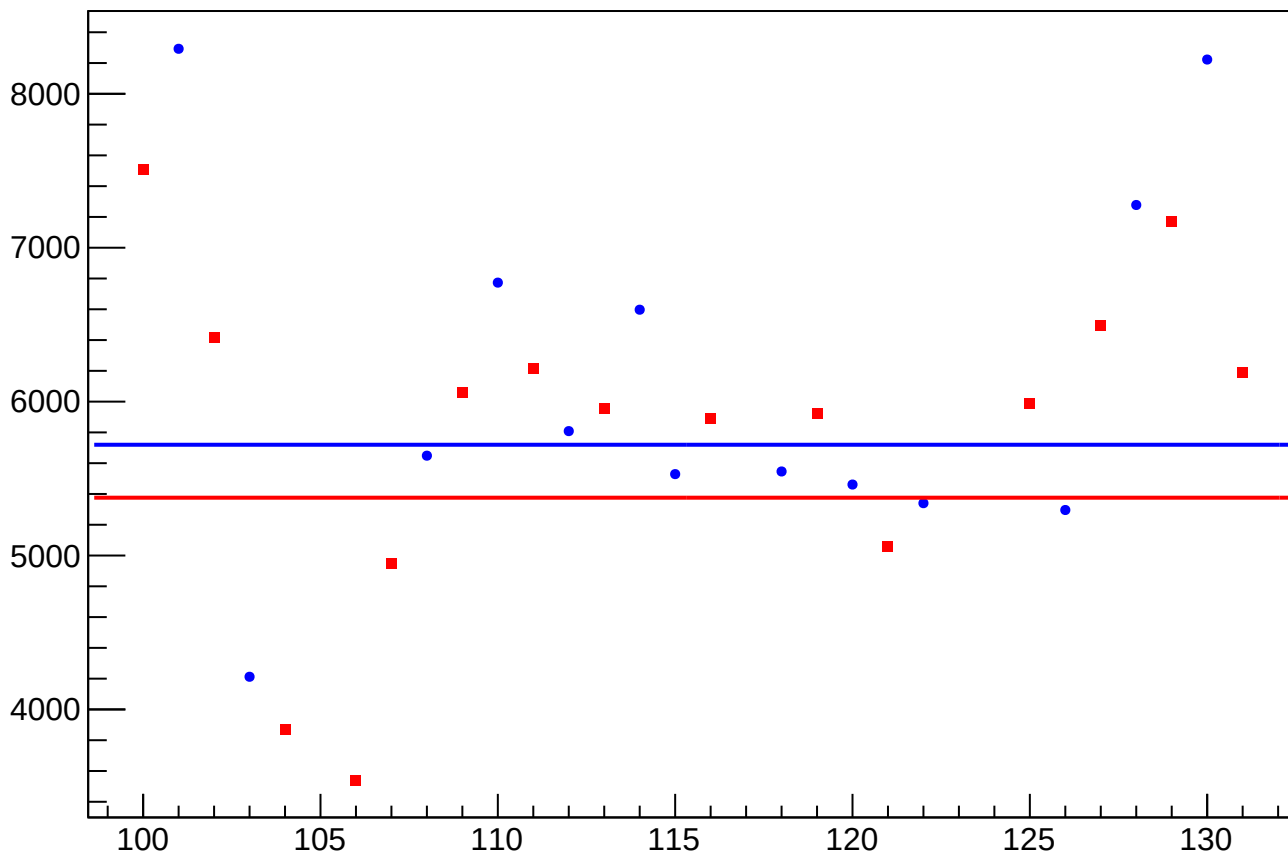
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 186.658+/-1664.955 χ^2 /NDF: 26.2/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_rms vs Slug



Right In: 5719.796 $\pm$ 1.762 χ^2 /NDF: 457785.8/12

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

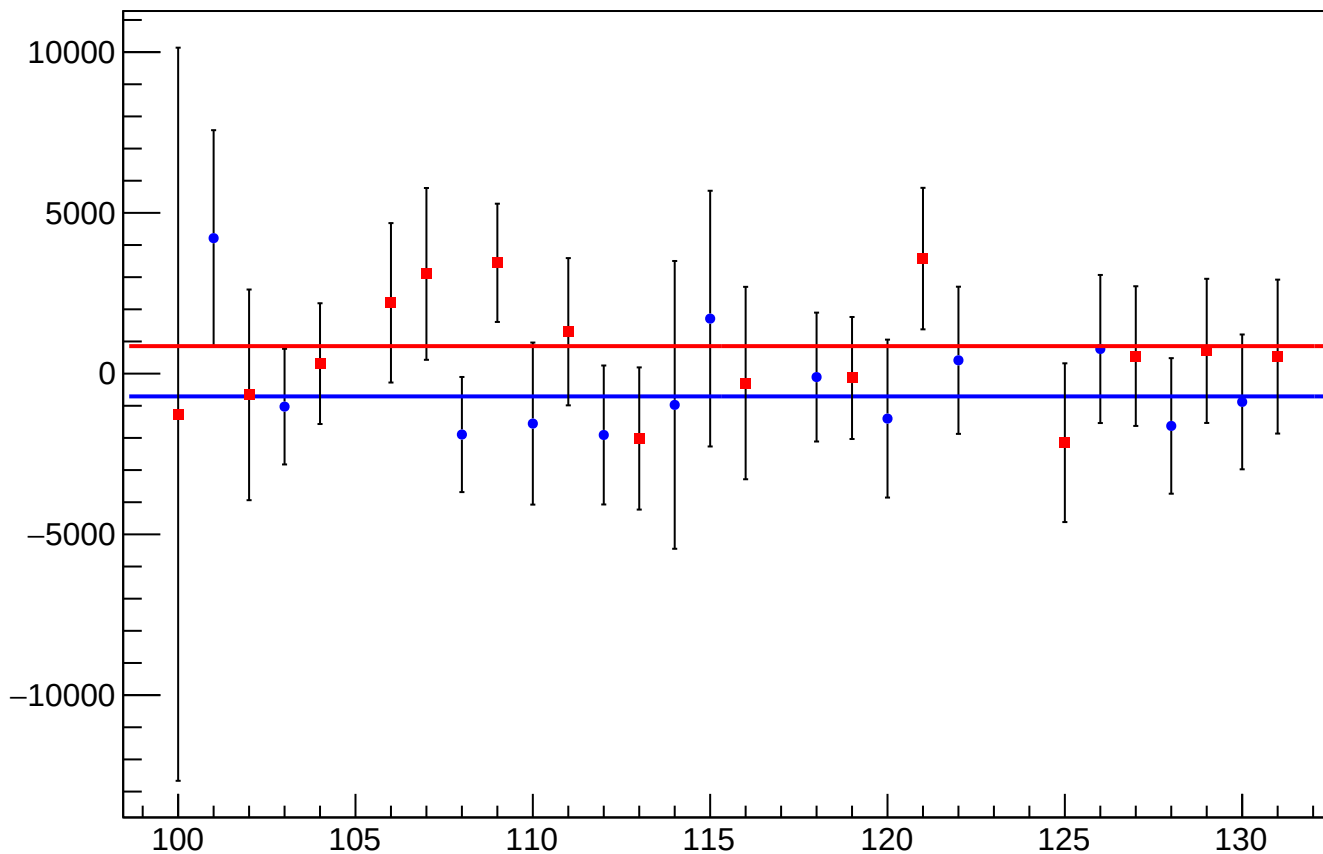
Right Out: 5375.793 $\pm$ 1.582 χ^2 /NDF: 496456.3/14

All: 5529.375 $\pm$ 1.177 χ^2 /NDF: 975342.0/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

dit_asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -708.500+/-640.055 χ^2/NDF : 4.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 855.124+/-605.985 χ^2/NDF : 8.5/14

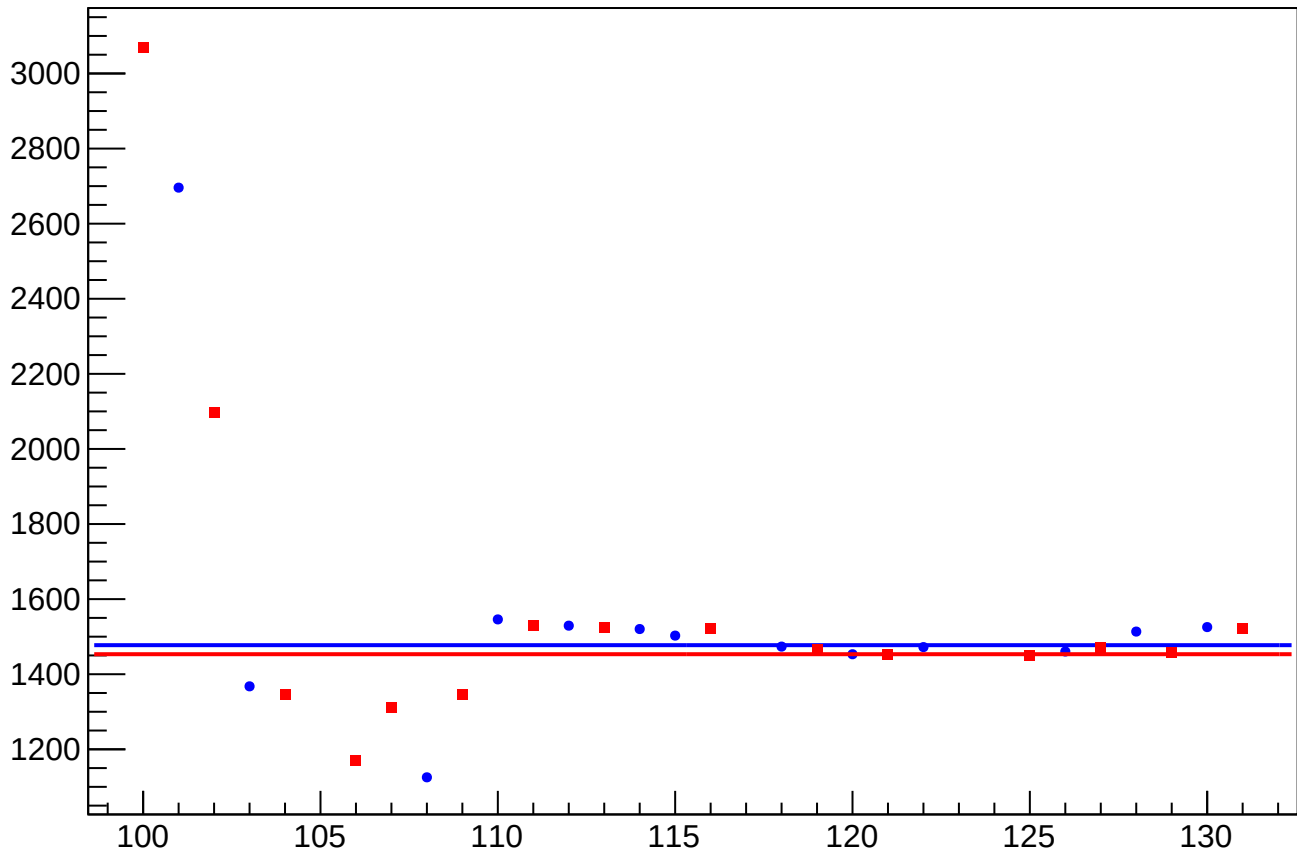
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.035+/-440.048 χ^2/NDF : 16.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1477.381+/-0.453 χ^2/NDF : 353015.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1453.312+/-0.428 χ^2/NDF : 169845.6/14

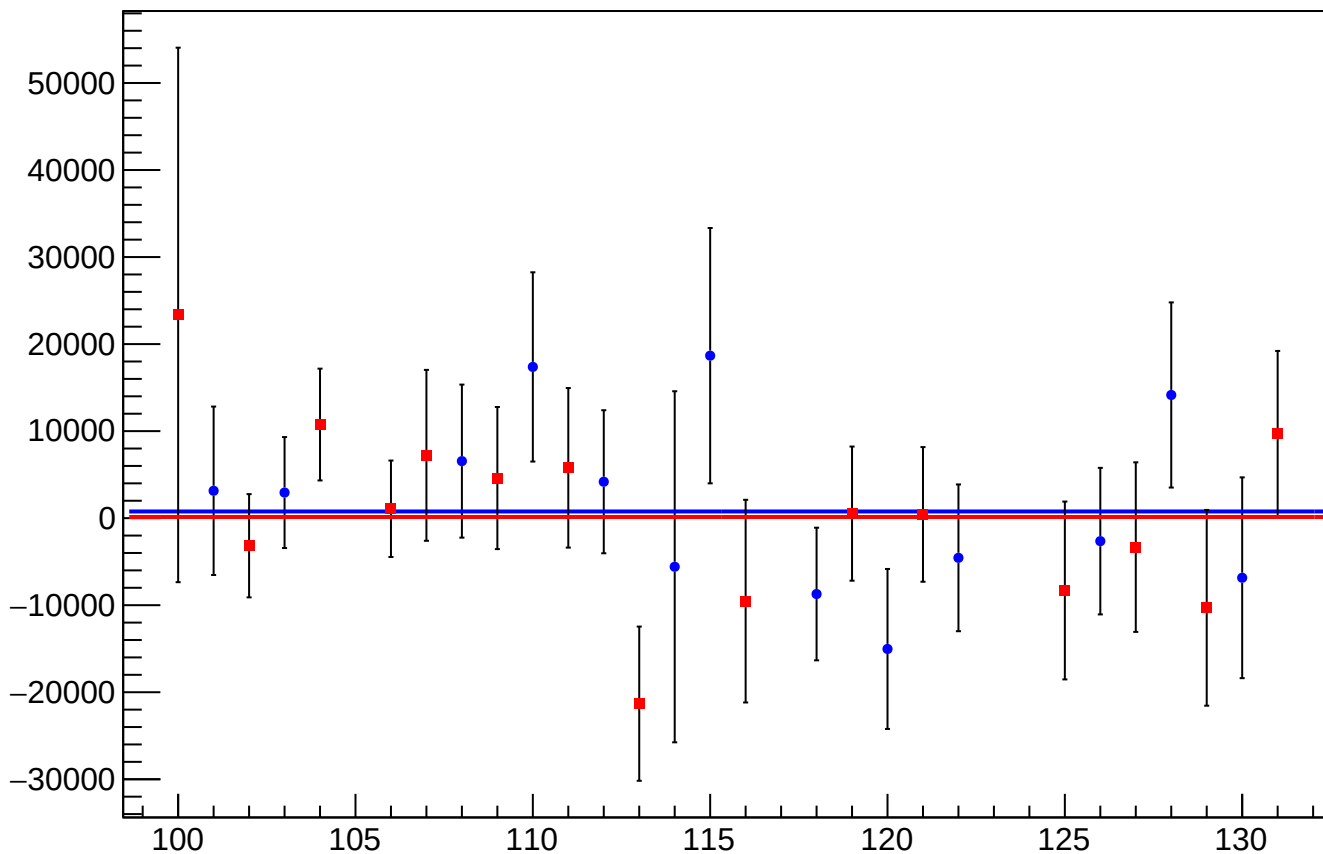
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1464.685+/-0.311 χ^2/NDF : 524352.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_dit_correction_mean vs Slug



Right In: 769.080+/-2563.538 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.974+/-2149.781 χ^2/NDF : 14.1/14

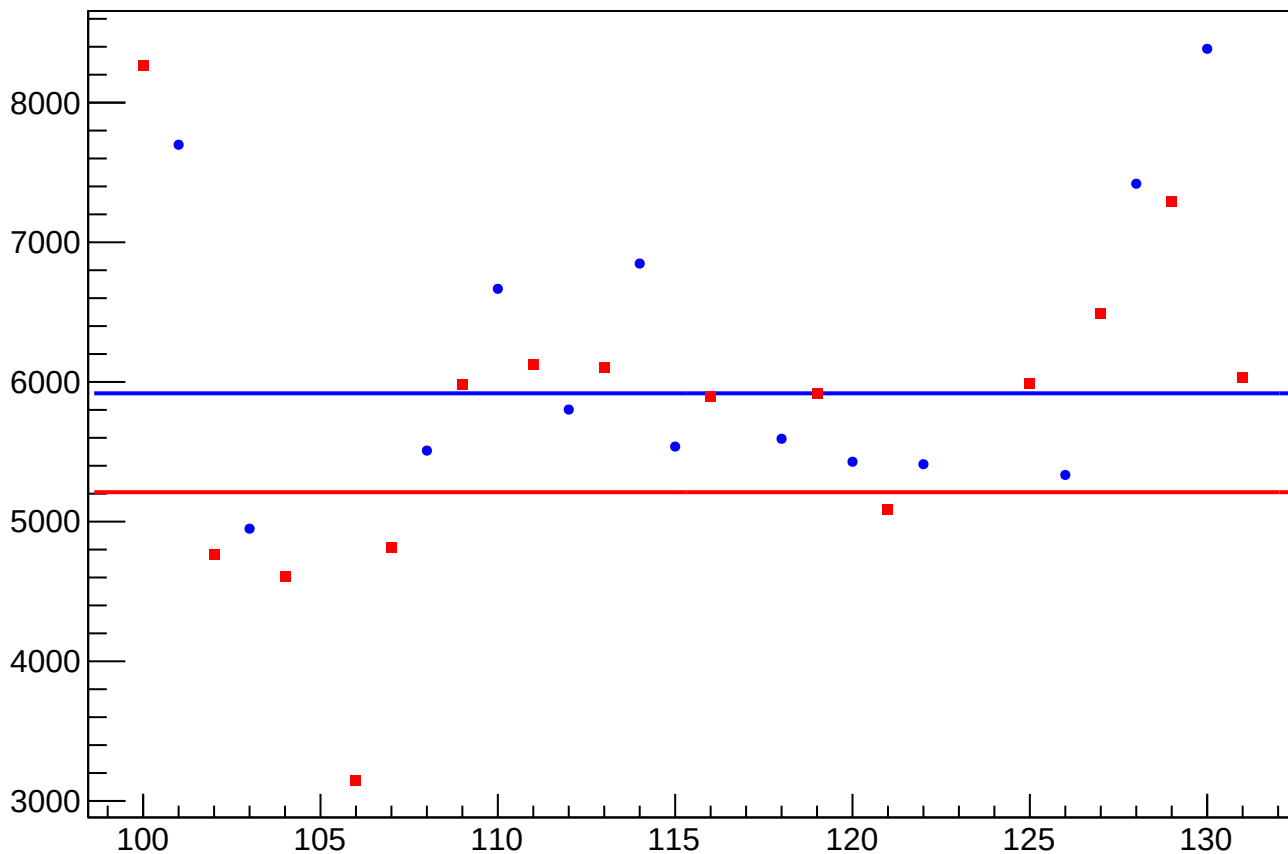
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 396.201+/-1647.234 χ^2/NDF : 25.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_dit_correction_rms vs Slug



Right In: 5918.685+/-1.813 χ^2/NDF : 291167.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

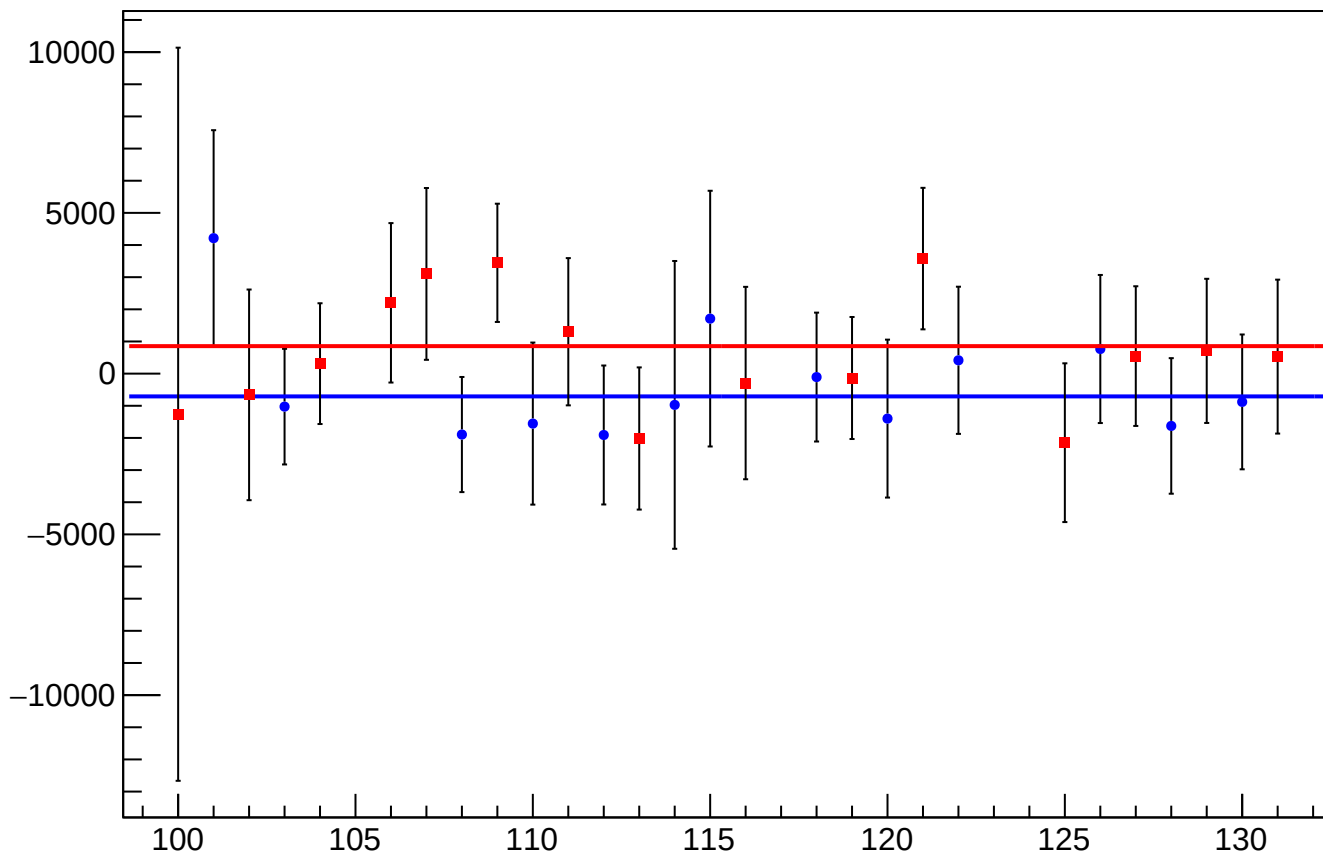
Right Out: 5210.592+/-1.520 χ^2/NDF : 541140.0/14

All: 5502.954+/-1.165 χ^2/NDF : 921895.9/27

- 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: -708.503+/-640.055 χ^2/NDF : 4.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 855.136+/-605.985 χ^2/NDF : 8.5/14

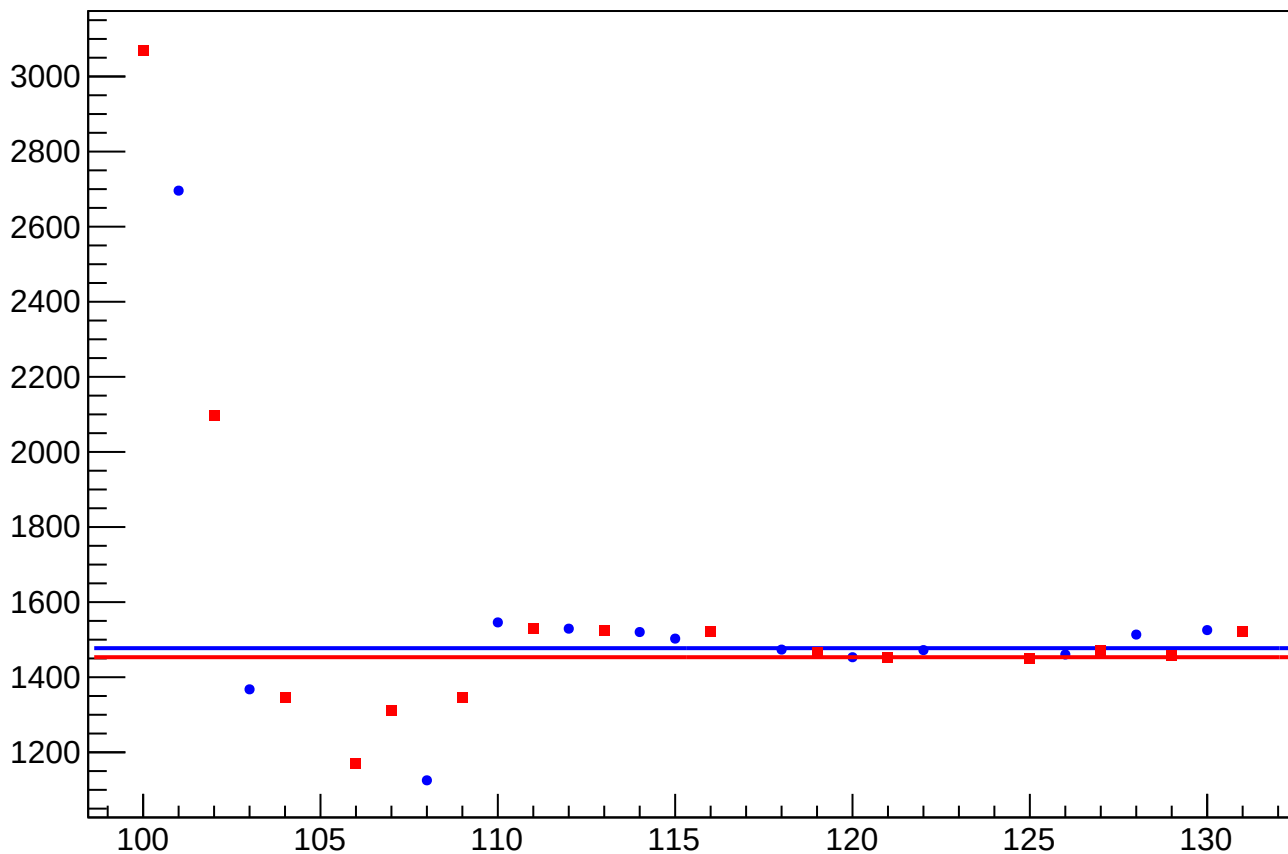
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.039+/-440.048 χ^2/NDF : 16.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1477.381+/-0.453 χ^2/NDF : 353014.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1453.312+/-0.428 χ^2/NDF : 169846.0/14

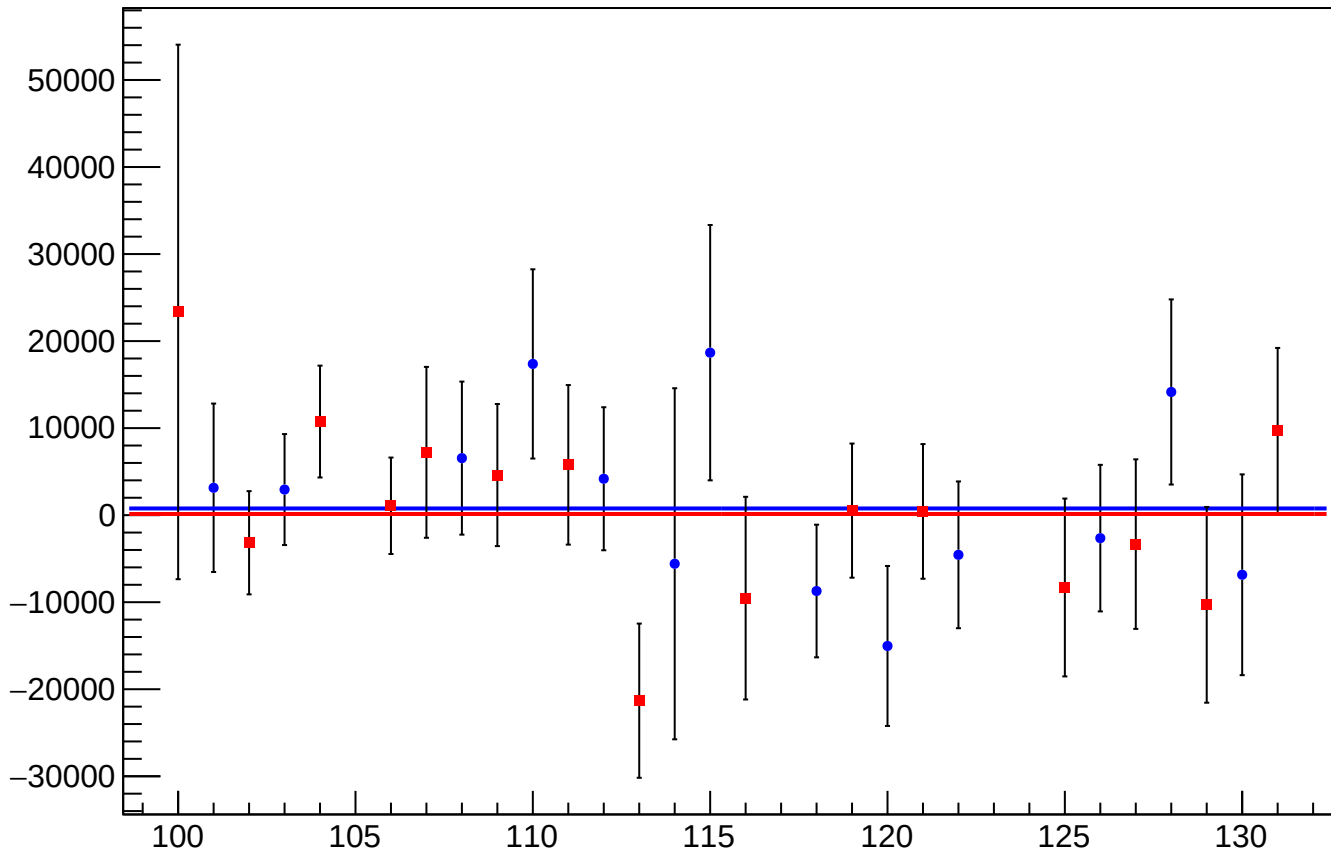
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1464.685+/-0.311 χ^2/NDF : 524352.2/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_mean vs Slug



Right In: 769.068 $\pm$ 2563.531 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 133.981 $\pm$ 2149.776 χ^2 /NDF: 14.1/14

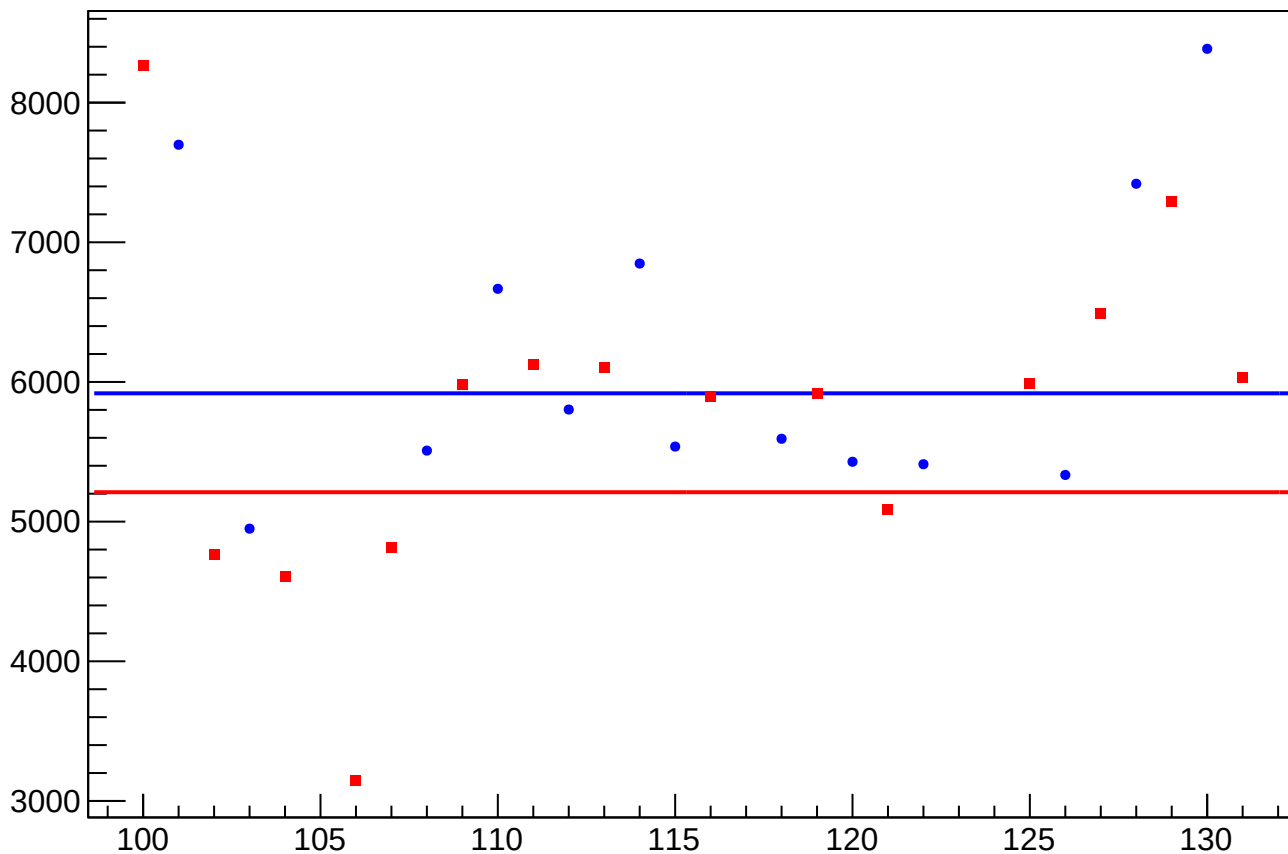
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 396.200 $\pm$ 1647.229 χ^2 /NDF: 25.9/27

- 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: 5918.668+/-1.813 χ^2/NDF : 291166.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

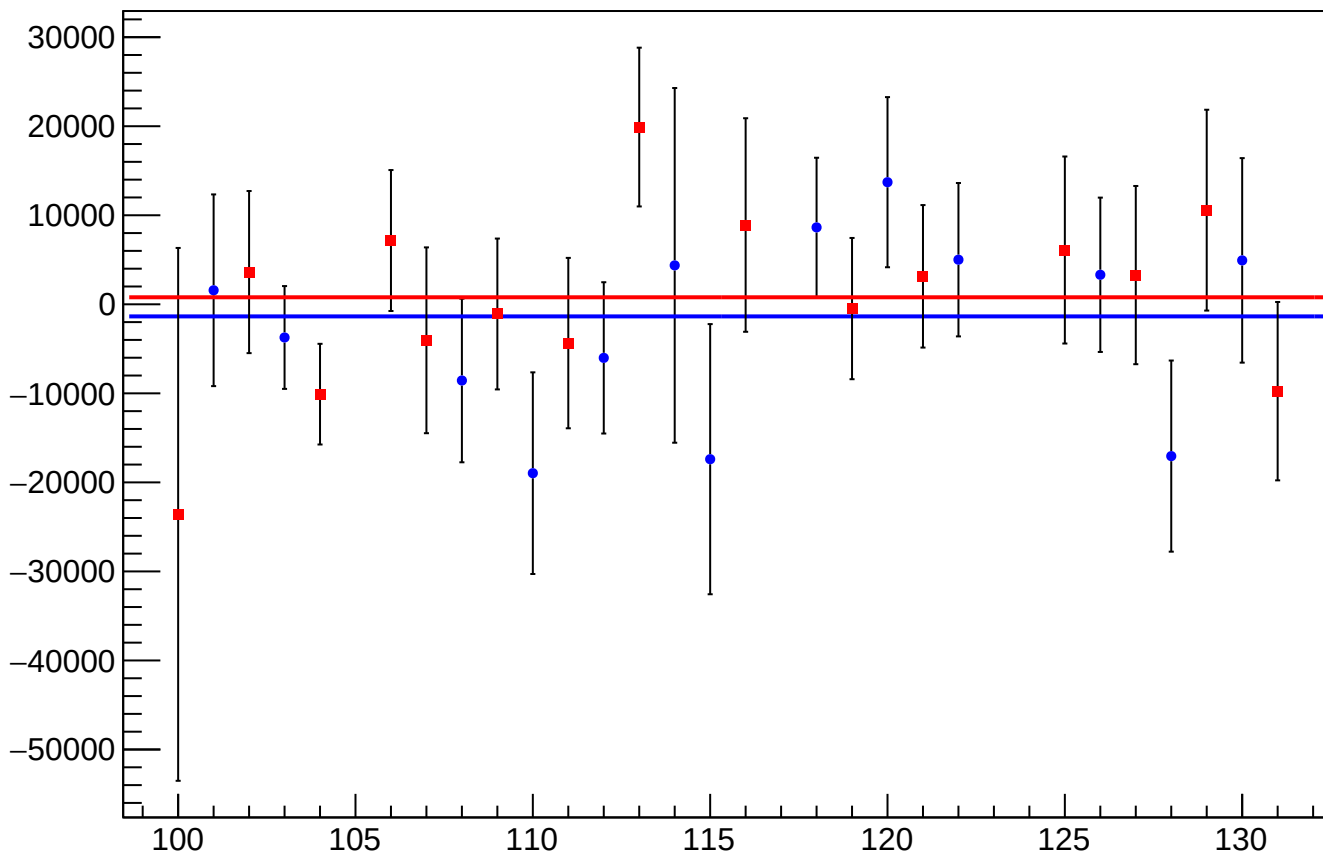
Right Out: 5210.580+/-1.520 χ^2/NDF : 541138.5/14

All: 5502.941+/-1.165 χ^2/NDF : 921893.2/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -1358.316+/-2587.502 χ^2 /NDF: 12.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 788.130+/-2341.501 χ^2 /NDF: 13.0/14

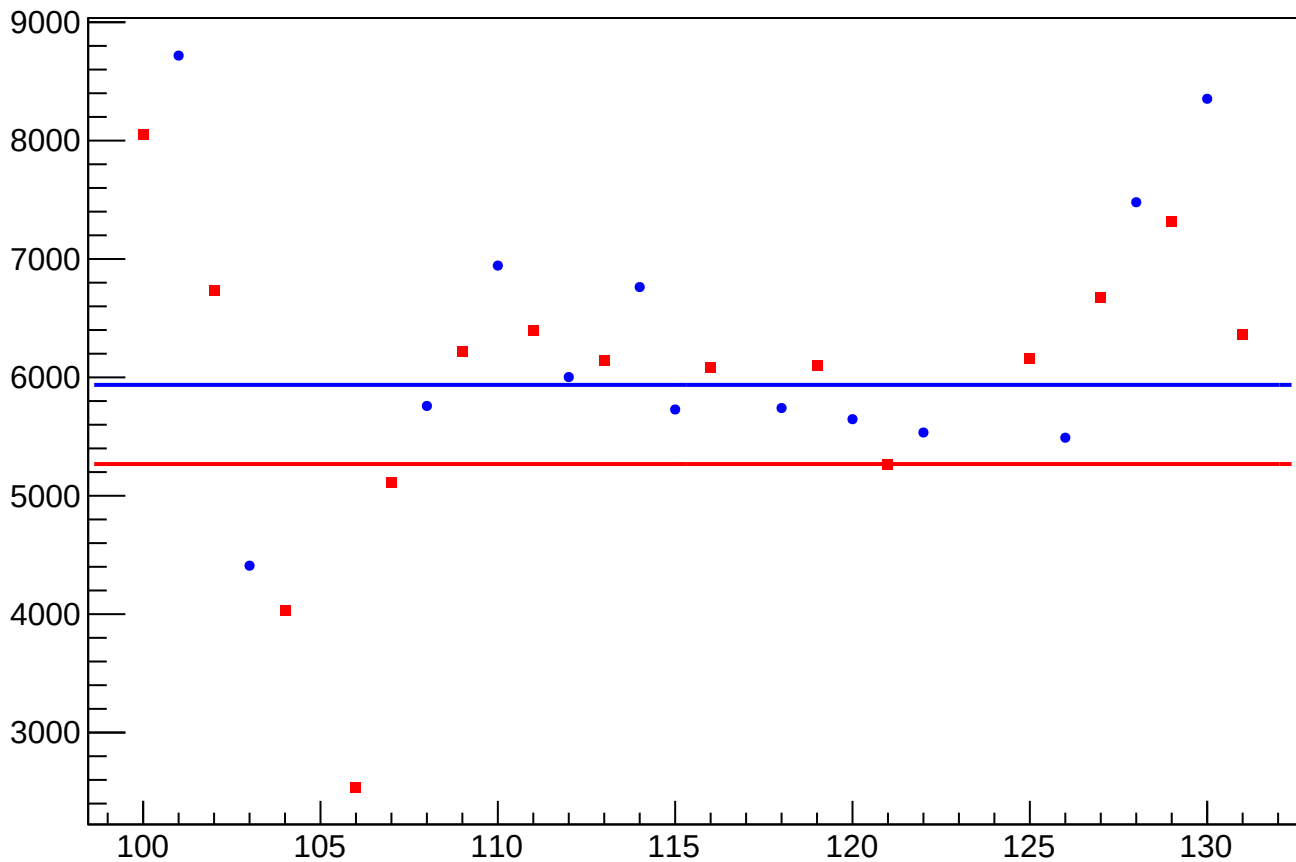
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -178.232+/-1736.164 χ^2 /NDF: 25.6/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 5936.742+/-1.830 χ^2/NDF : 436628.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

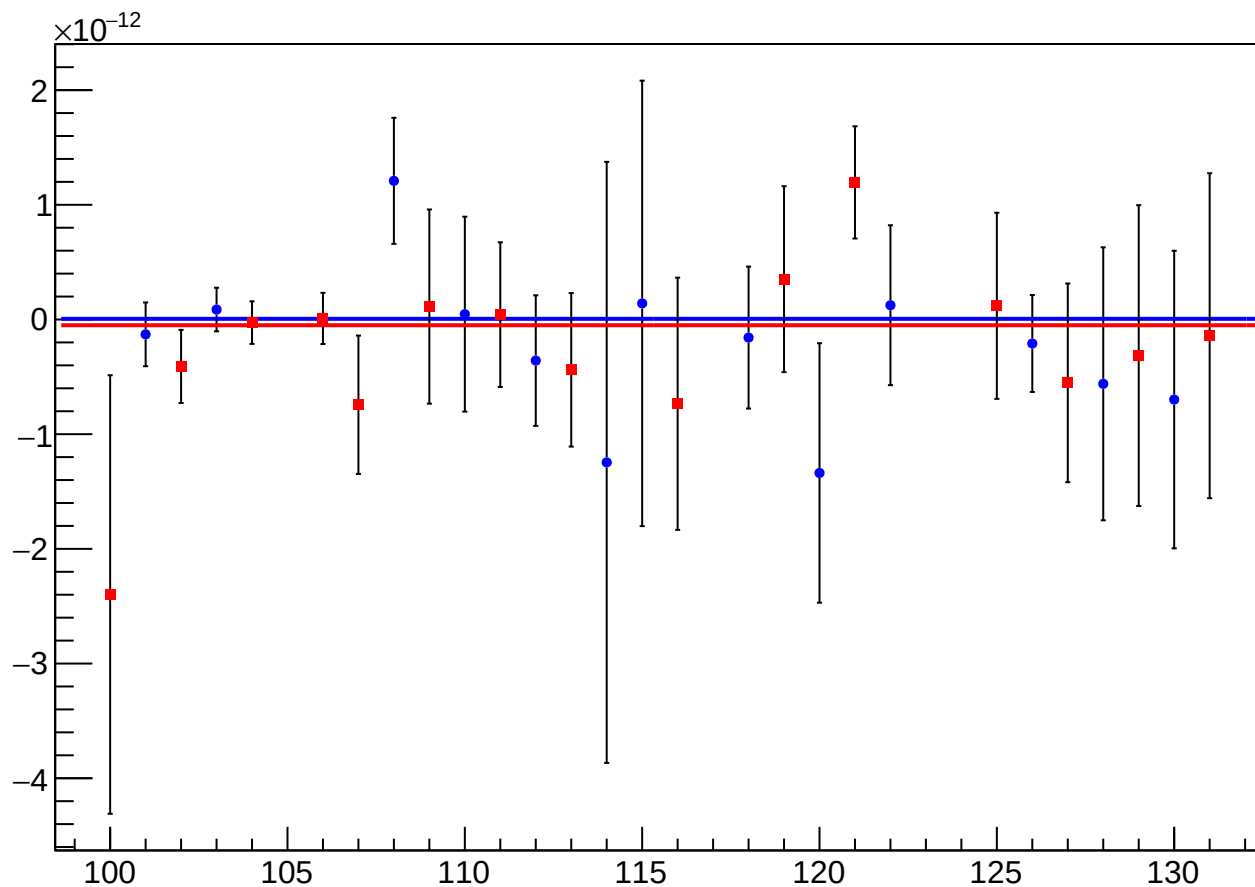
Right Out: 5268.091+/-1.590 χ^2/NDF : 877198.1/14

All: 5555.880+/-1.200 χ^2/NDF : 1389902.2/27

- 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_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.1/14

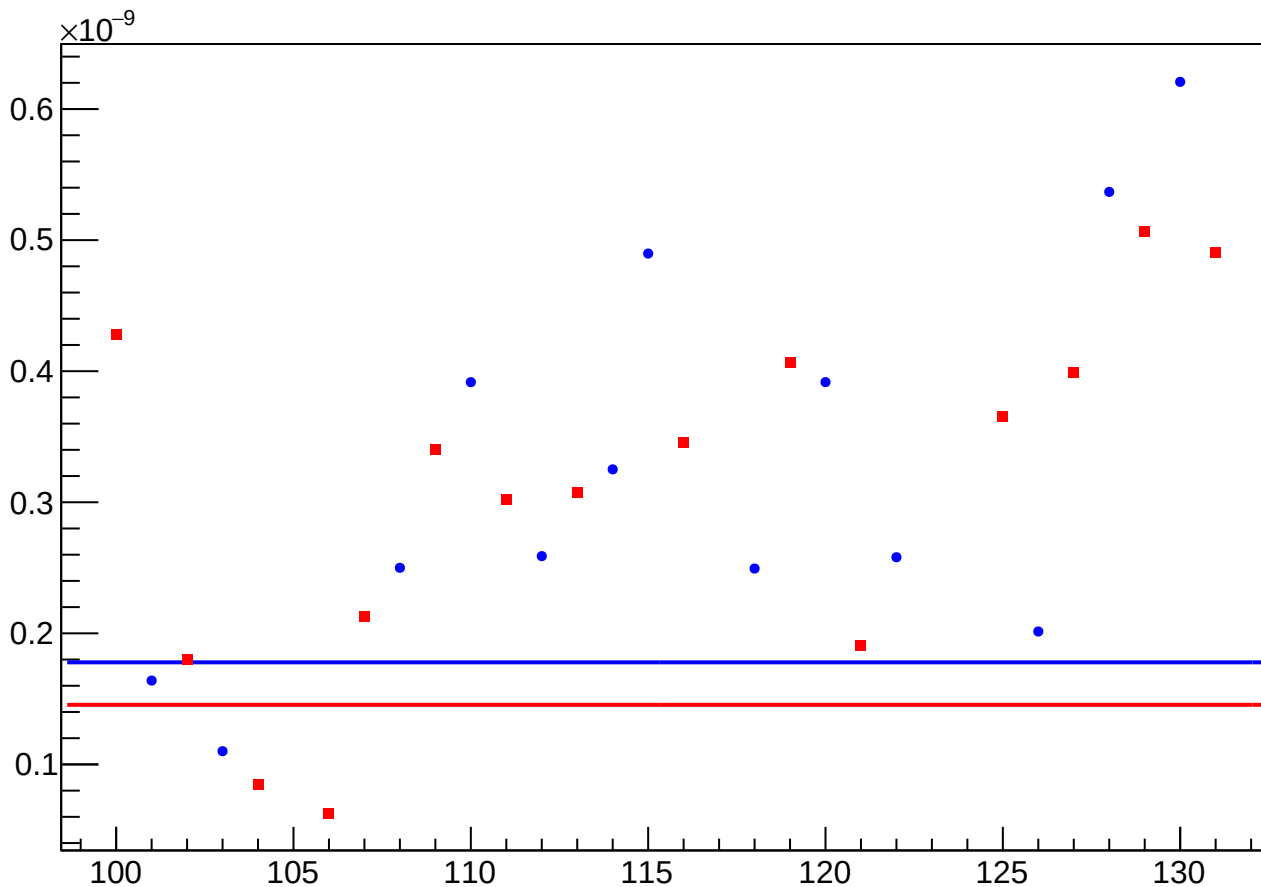
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.4/27

- sign 0.000 $\pm$ 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 : 1064465.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1810557.0/14

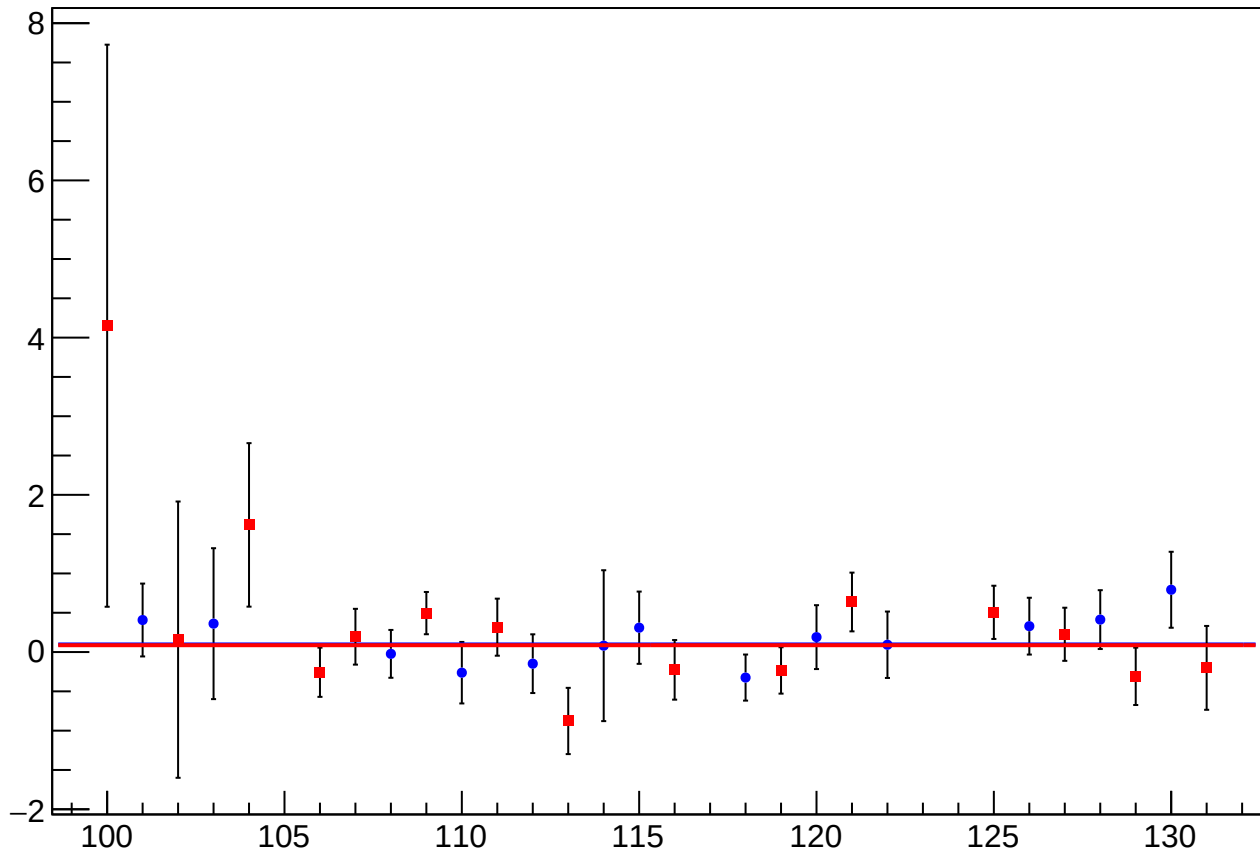
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2947369.1/27

- 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: 0.097 $\pm$ 0.113 χ^2 /NDF: 7.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.087 $\pm$ 0.100 χ^2 /NDF: 19.9/14

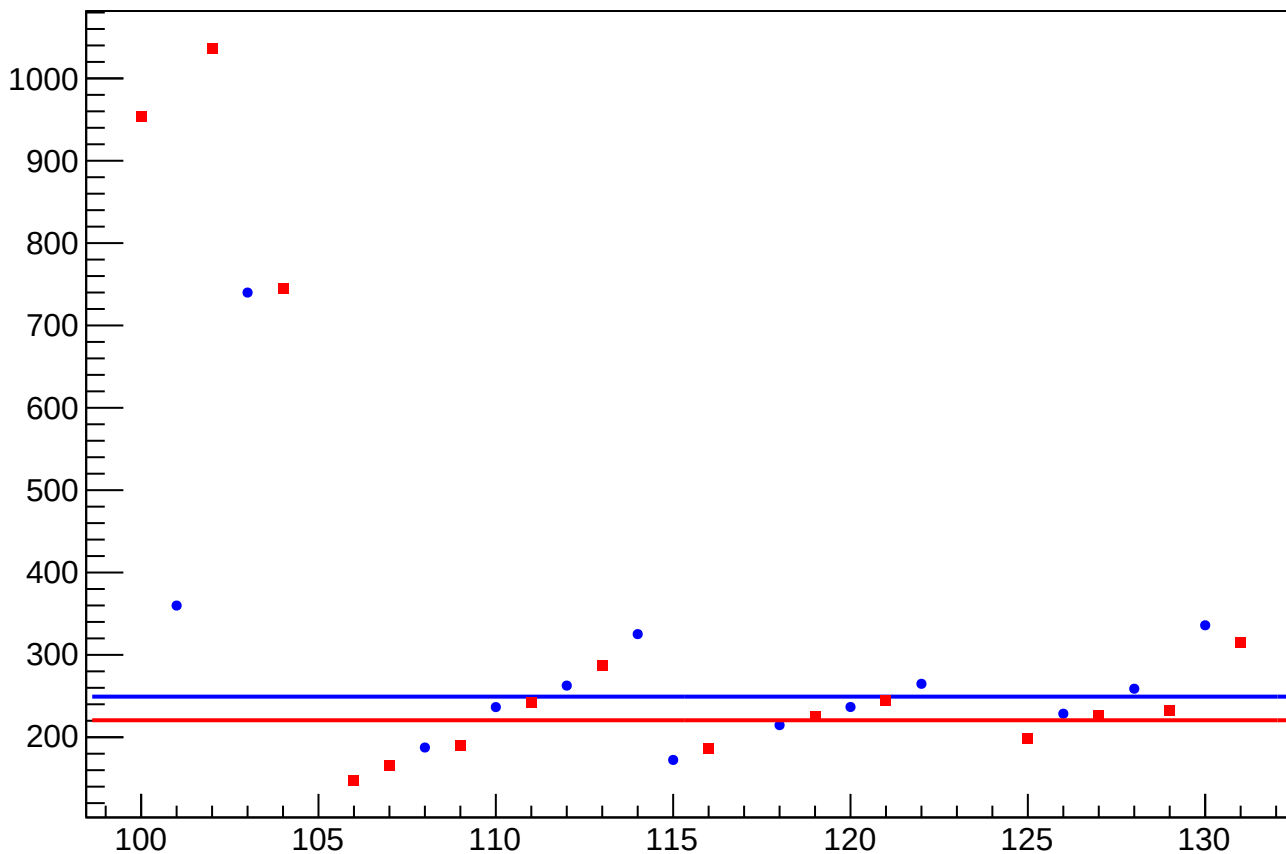
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.091 $\pm$ 0.075 χ^2 /NDF: 27.4/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_rms vs Slug



Right In: 249.311+/-0.080 χ^2/NDF : 896700.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 220.604+/-0.070 χ^2/NDF : 1362924.8/14

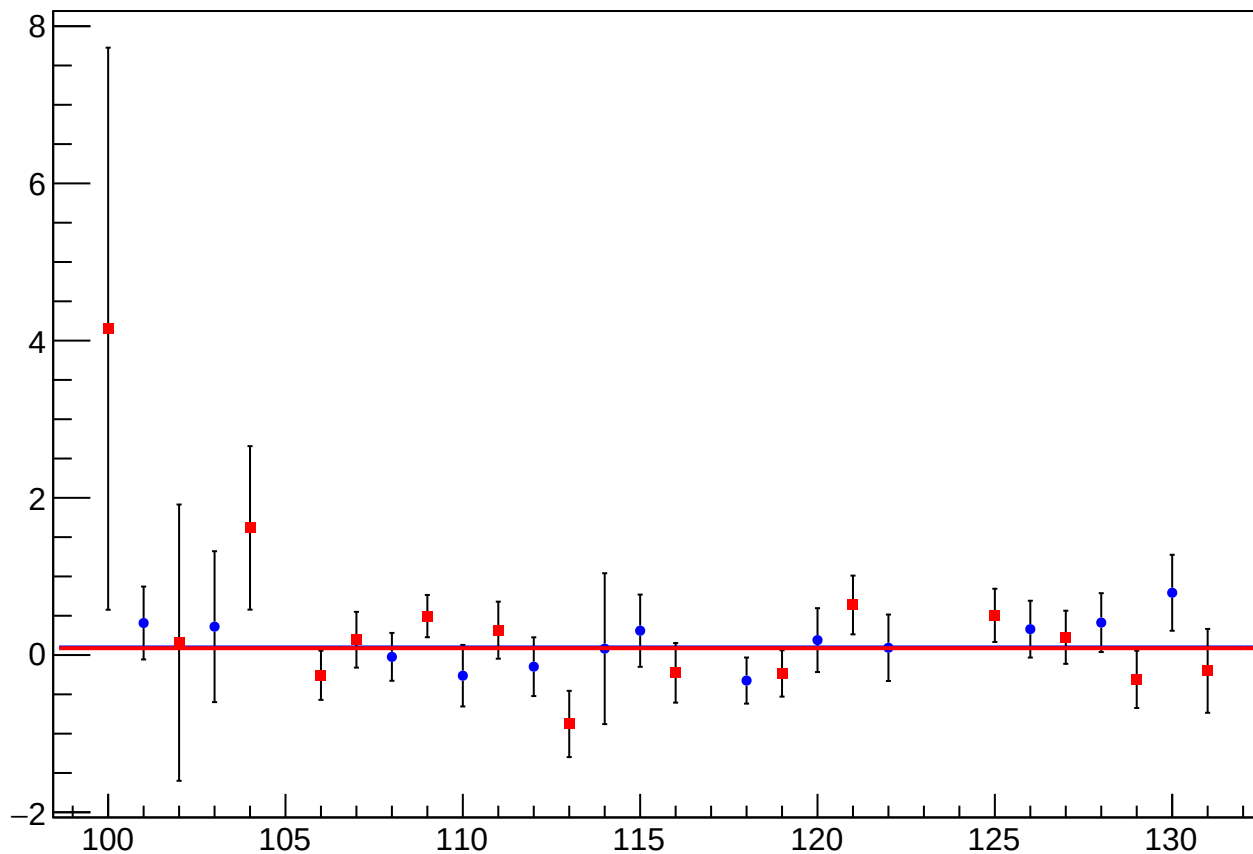
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.176+/-0.053 χ^2/NDF : 2332284.9/27

- 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: 0.097 $\pm$ 0.113 χ^2 /NDF: 7.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.087 $\pm$ 0.100 χ^2 /NDF: 19.9/14

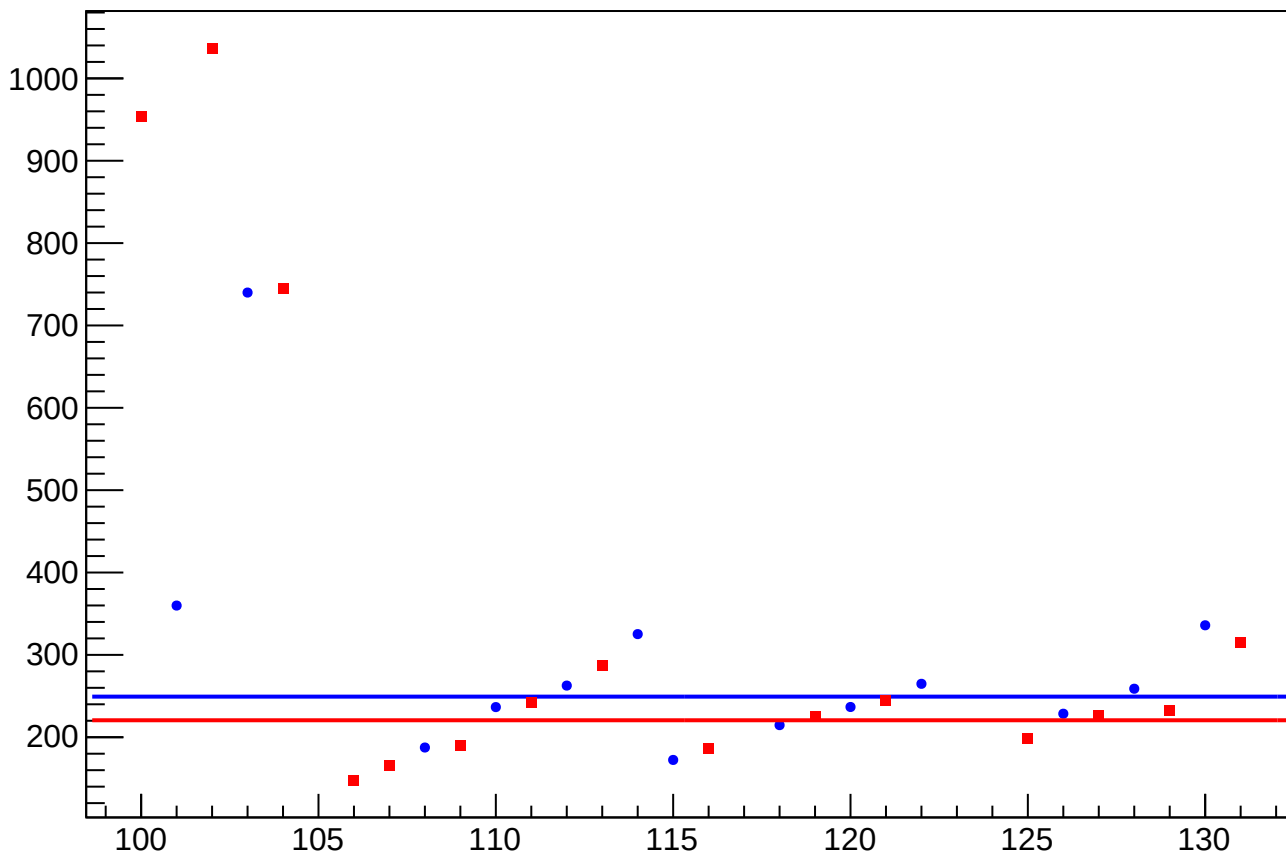
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.091 $\pm$ 0.075 χ^2 /NDF: 27.4/27

- 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: 249.311+/-0.080 χ^2/NDF : 896700.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 220.604+/-0.070 χ^2/NDF : 1362924.8/14

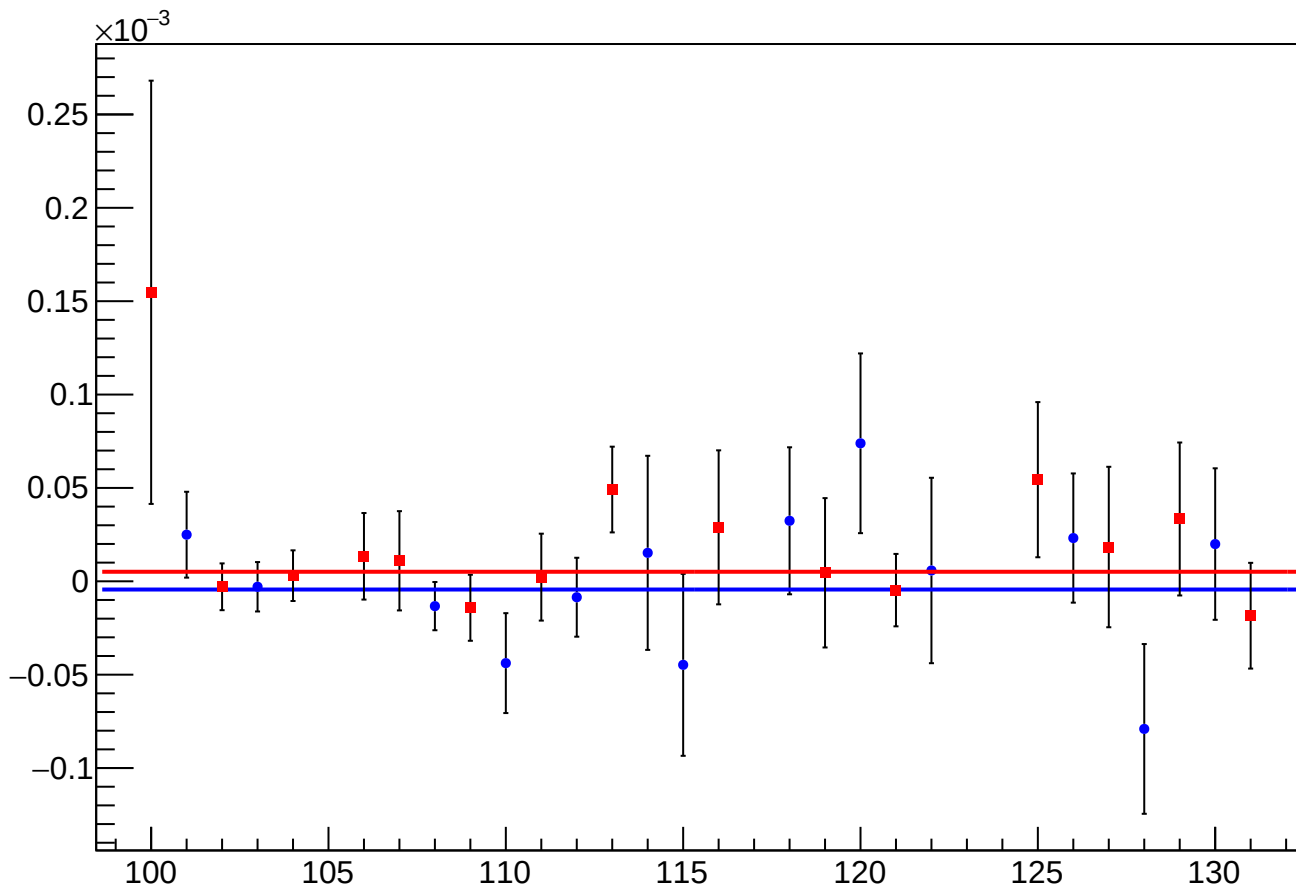
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.176+/-0.053 χ^2/NDF : 2332284.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.5/14

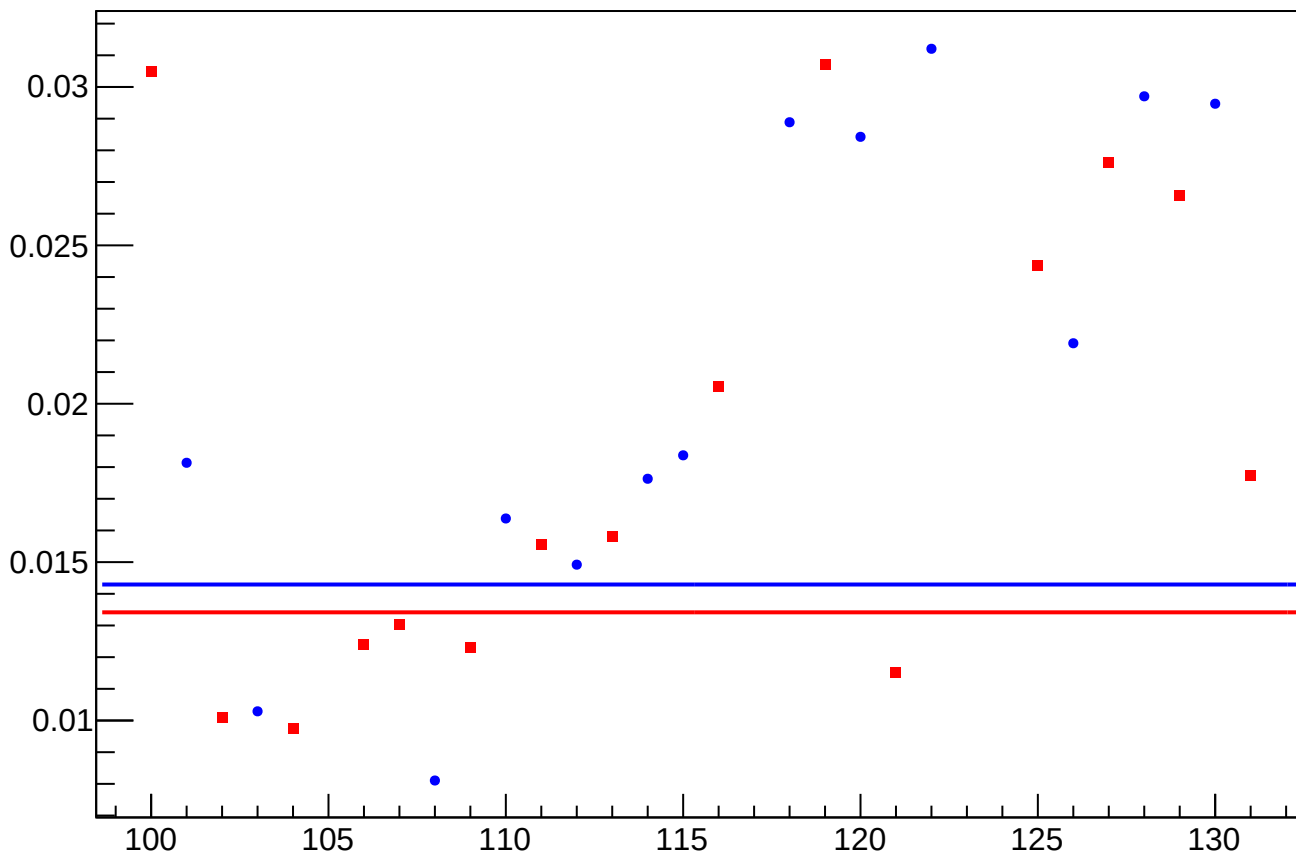
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.0/27

- 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: 0.014+/-0.000 χ^2/NDF : 2020581.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 1445881.6/14

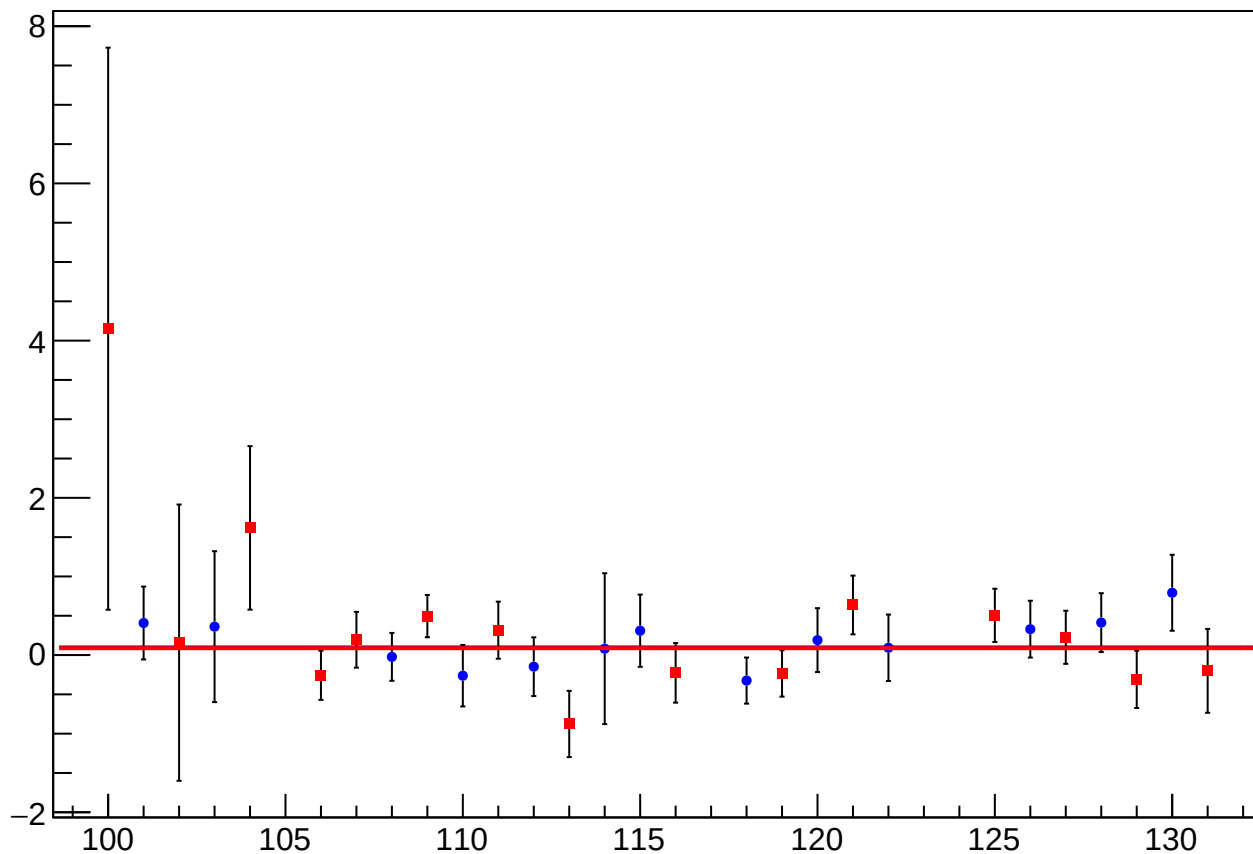
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 3485471.9/27

- 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: 0.097 $\pm$ 0.113 χ^2 /NDF: 7.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.087 $\pm$ 0.100 χ^2 /NDF: 19.9/14

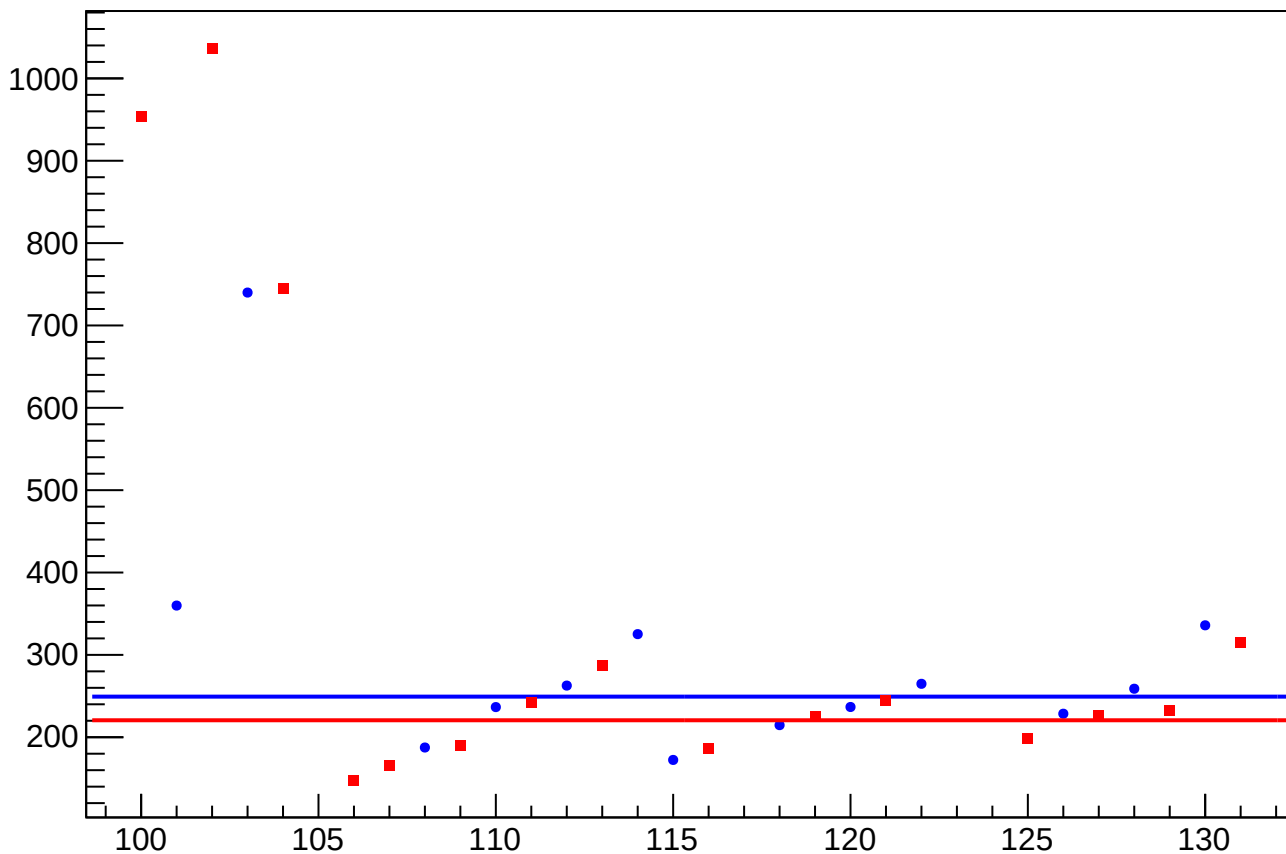
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.091 $\pm$ 0.075 χ^2 /NDF: 27.4/27

- 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: 249.310+/-0.080 χ^2/NDF : 896651.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 220.604+/-0.070 χ^2/NDF : 1362914.7/14

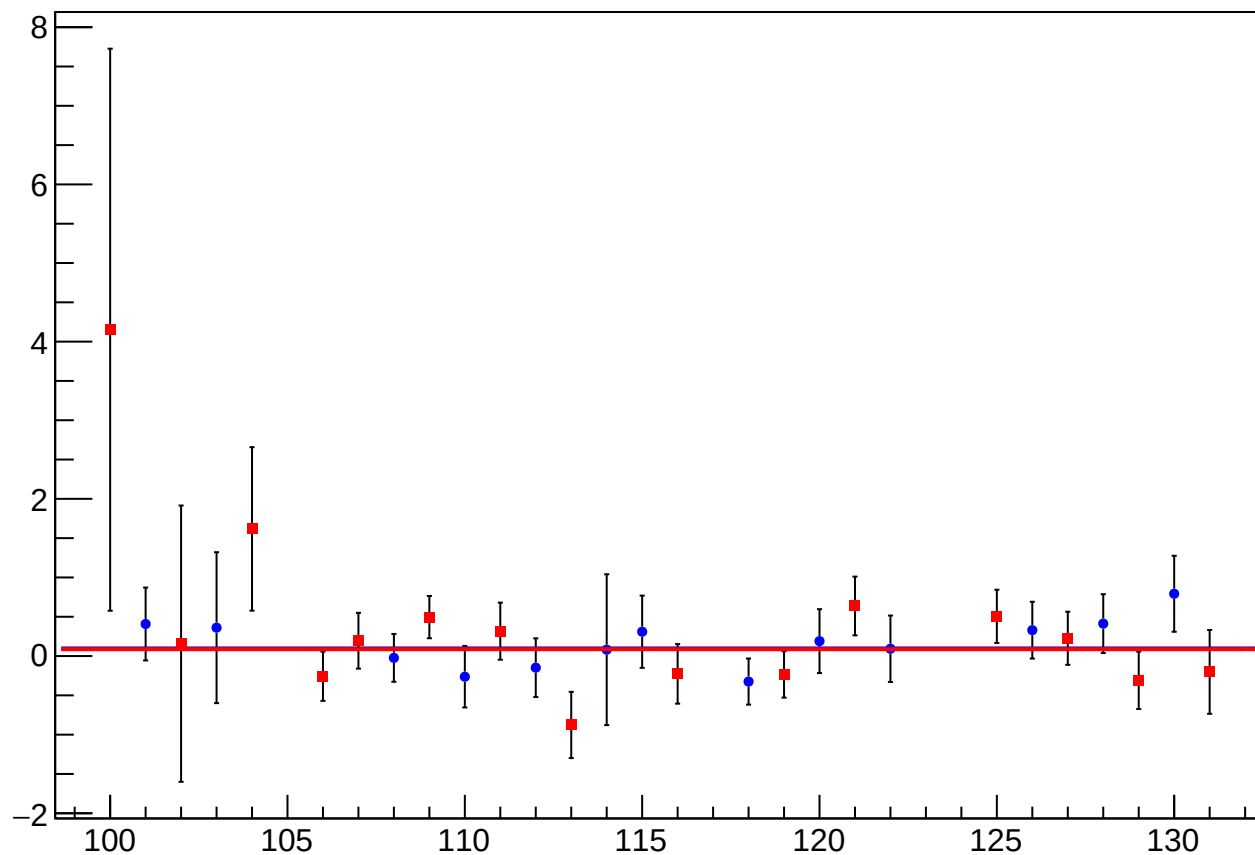
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.176+/-0.053 χ^2/NDF : 2332221.6/27

- sign 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: 0.097 $\pm$ 0.113 χ^2 /NDF: 7.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.087 $\pm$ 0.100 χ^2 /NDF: 19.9/14

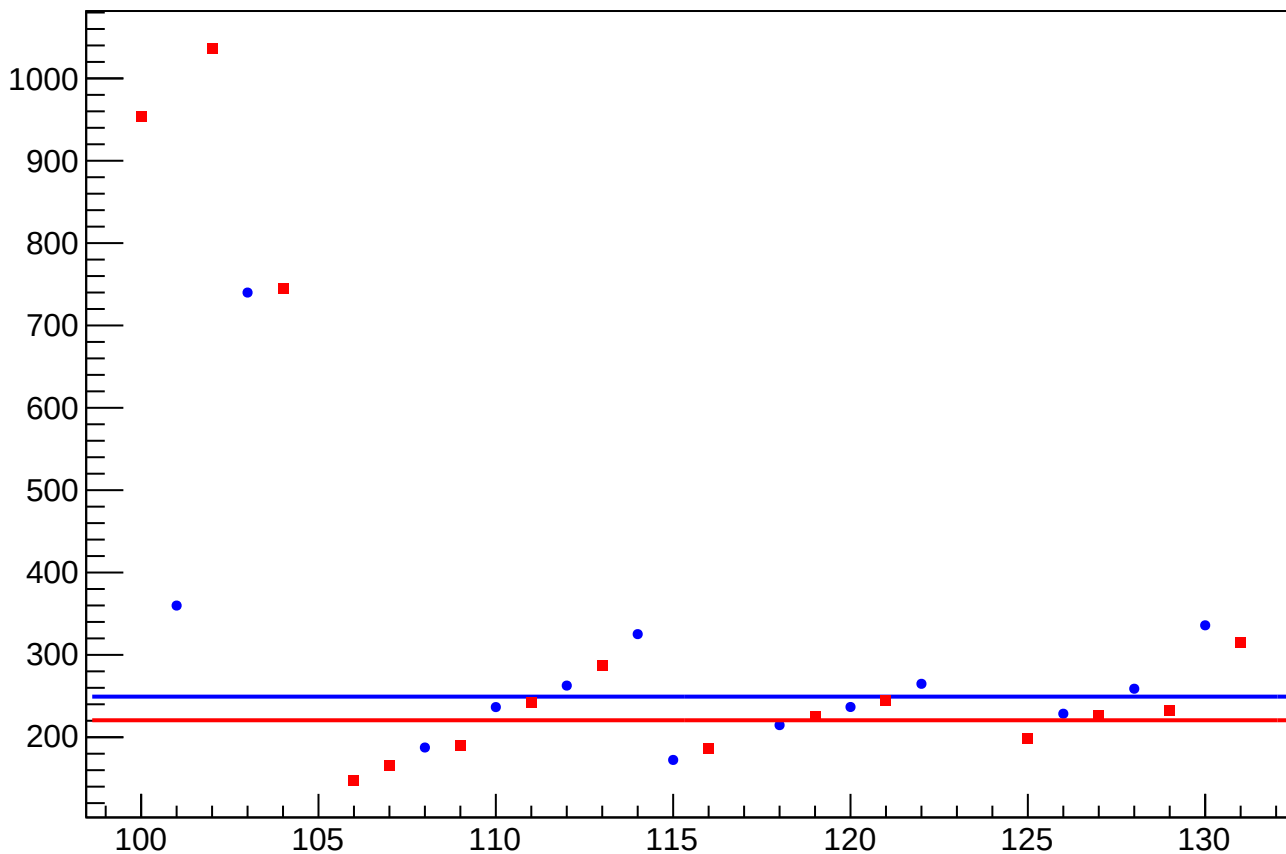
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.091 $\pm$ 0.075 χ^2 /NDF: 27.4/27

- 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: 249.310+/-0.080 χ^2/NDF : 896651.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 220.604+/-0.070 χ^2/NDF : 1362914.7/14

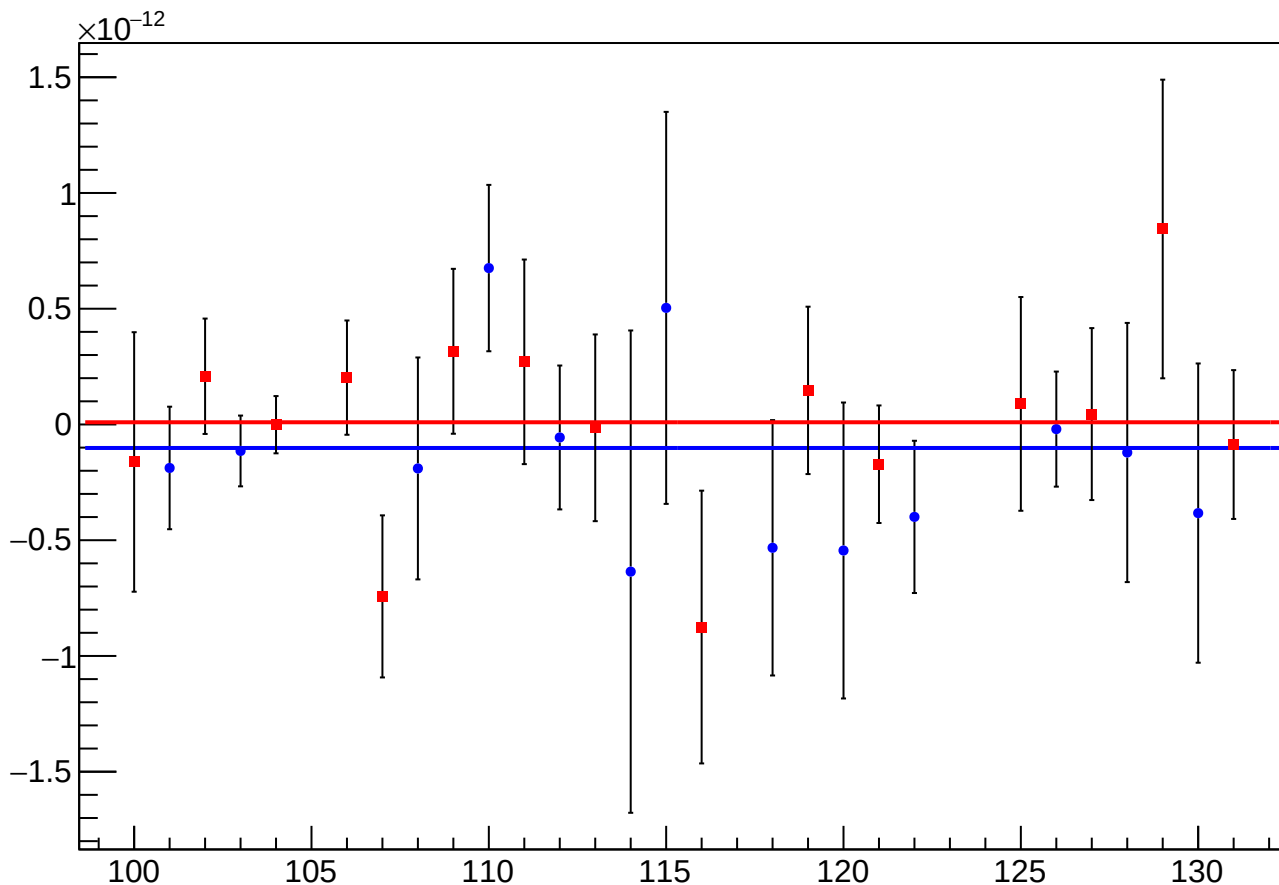
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.176+/-0.053 χ^2/NDF : 2332221.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.8/14

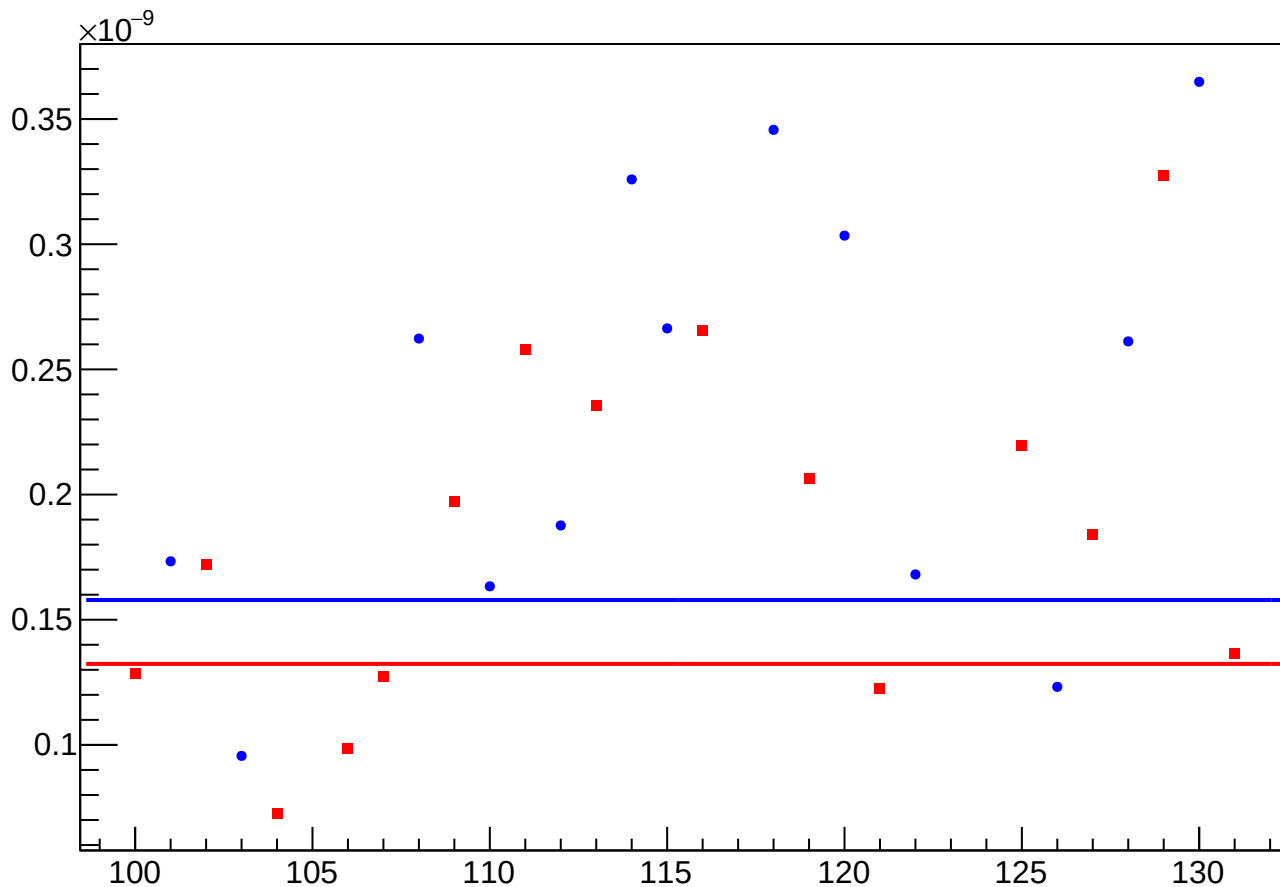
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.5/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 $\chi^2/\text{NDF}: 1186770.1/12$

Left Out: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.000+/-0.000 $\chi^2/\text{NDF}: 1398560.0/14$

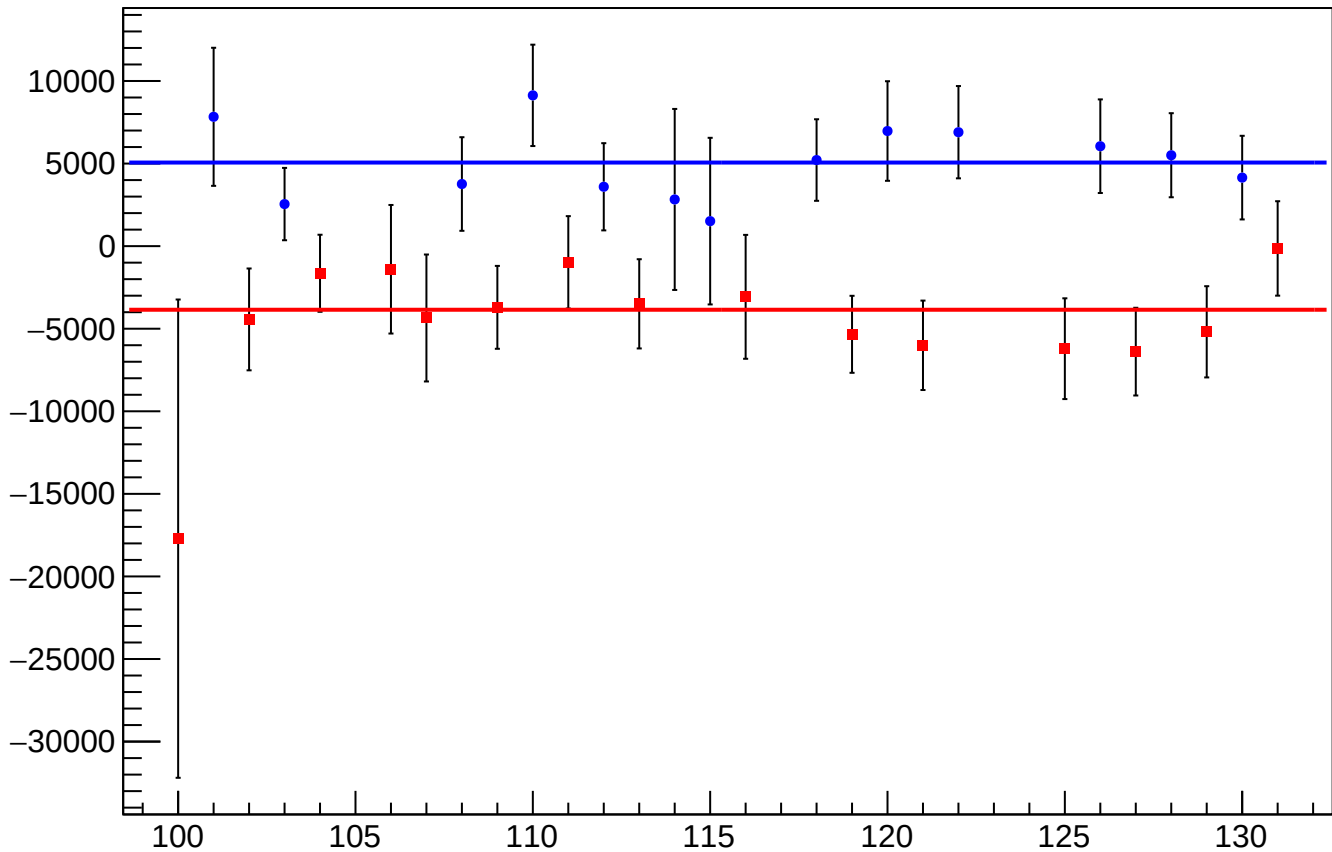
Left In: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.000+/-0.000 $\chi^2/\text{NDF}: 2678087.0/27$

- sign 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 5061.529 $\pm$ 803.379 χ^2/NDF : 5.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -3851.676 $\pm$ 756.959 χ^2/NDF : 7.9/14

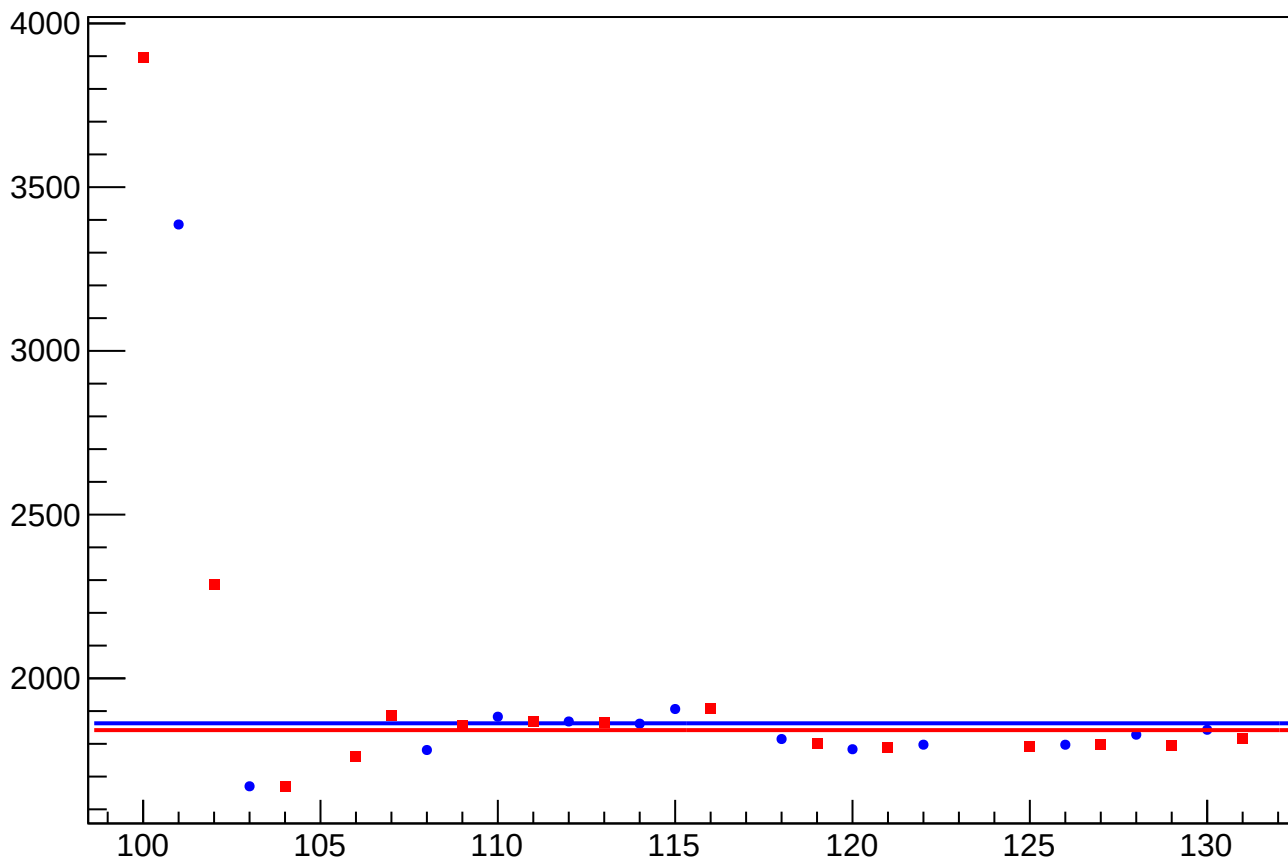
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 339.995 $\pm$ 550.931 χ^2/NDF : 78.9/27

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1862.707+/-0.568 χ^2/NDF : 287700.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1841.877+/-0.533 χ^2/NDF : 98186.5/14

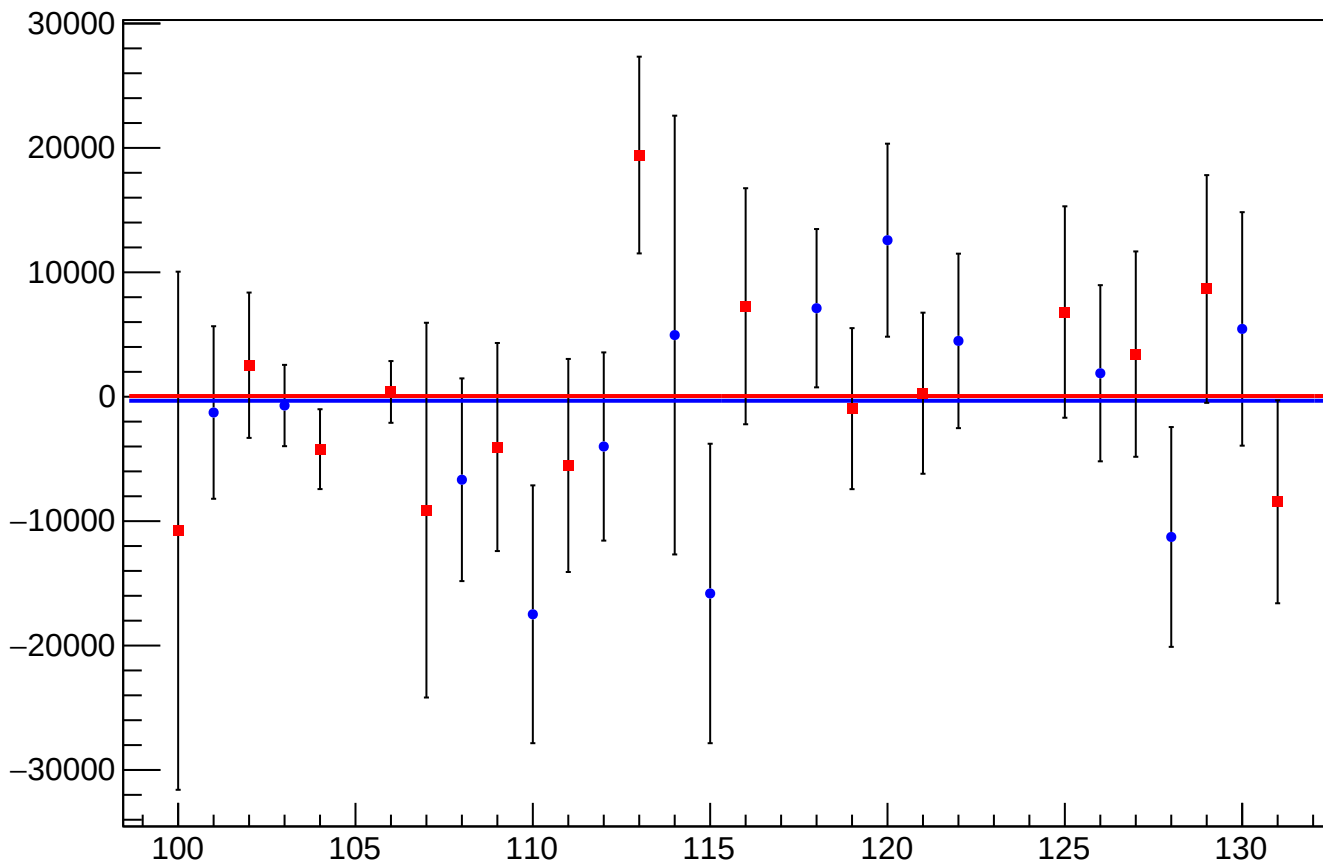
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1851.636+/-0.389 χ^2/NDF : 386601.3/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_reg_correction_mean vs Slug



Right In: -322.518+/-1916.675 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.403+/-1484.443 χ^2/NDF : 12.6/14

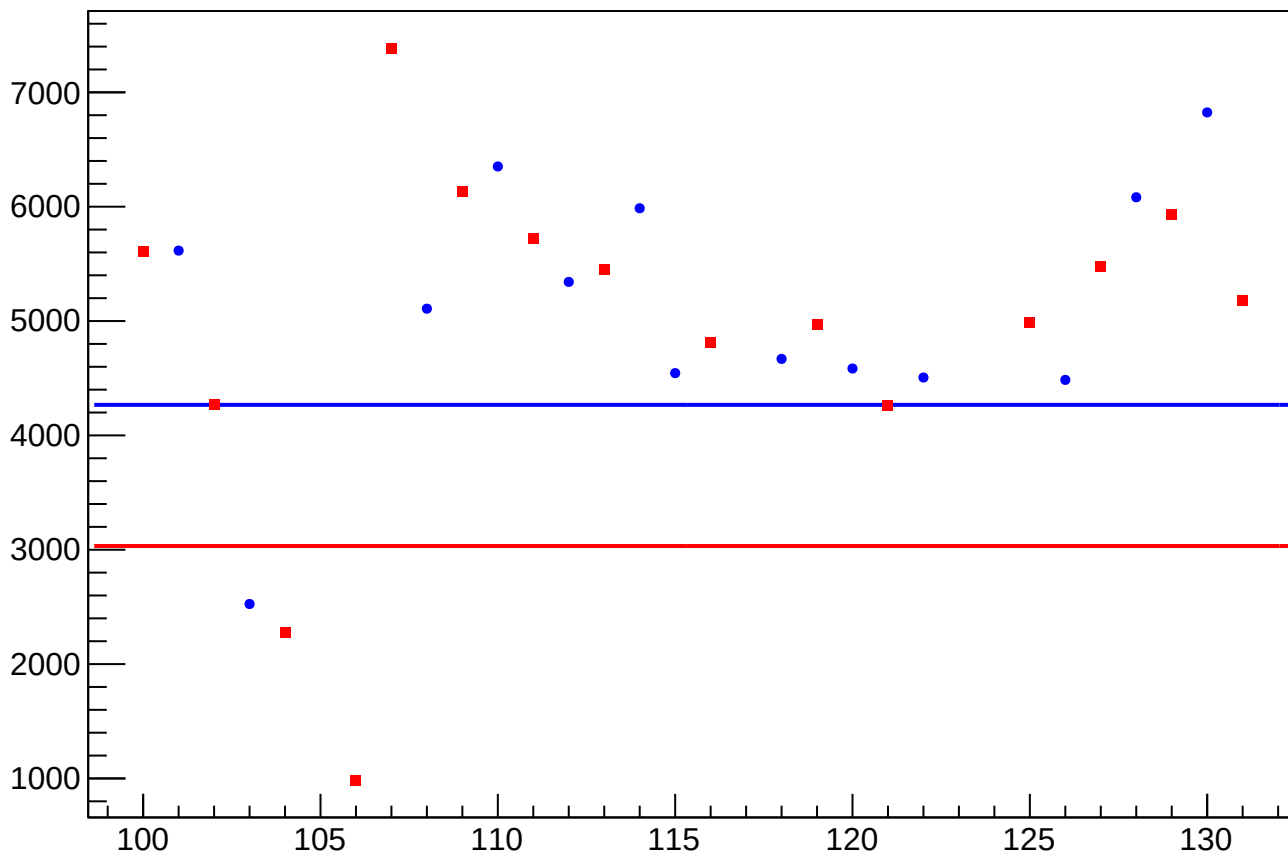
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -85.042+/-1173.617 χ^2/NDF : 24.7/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_reg_correction_rms vs Slug



Right In: 4267.112+/-1.355 χ^2/NDF : 1055010.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

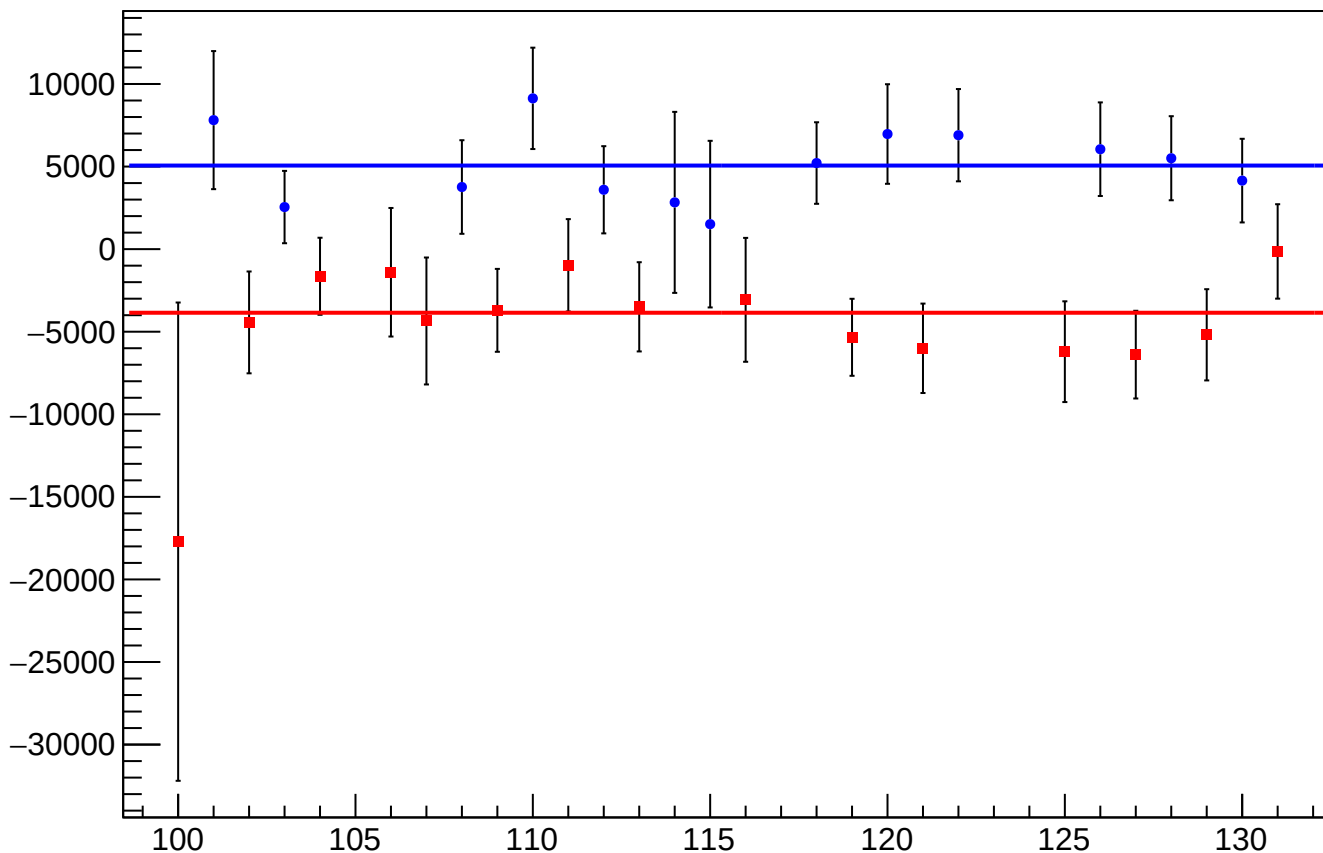
Right Out: 3032.572+/-1.050 χ^2/NDF : 3364639.7/14

All: 3495.444+/-0.830 χ^2/NDF : 4938292.7/27

- 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: 5060.993 $\pm$ 803.379 χ^2 /NDF: 5.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3851.417 $\pm$ 756.959 χ^2 /NDF: 7.9/14

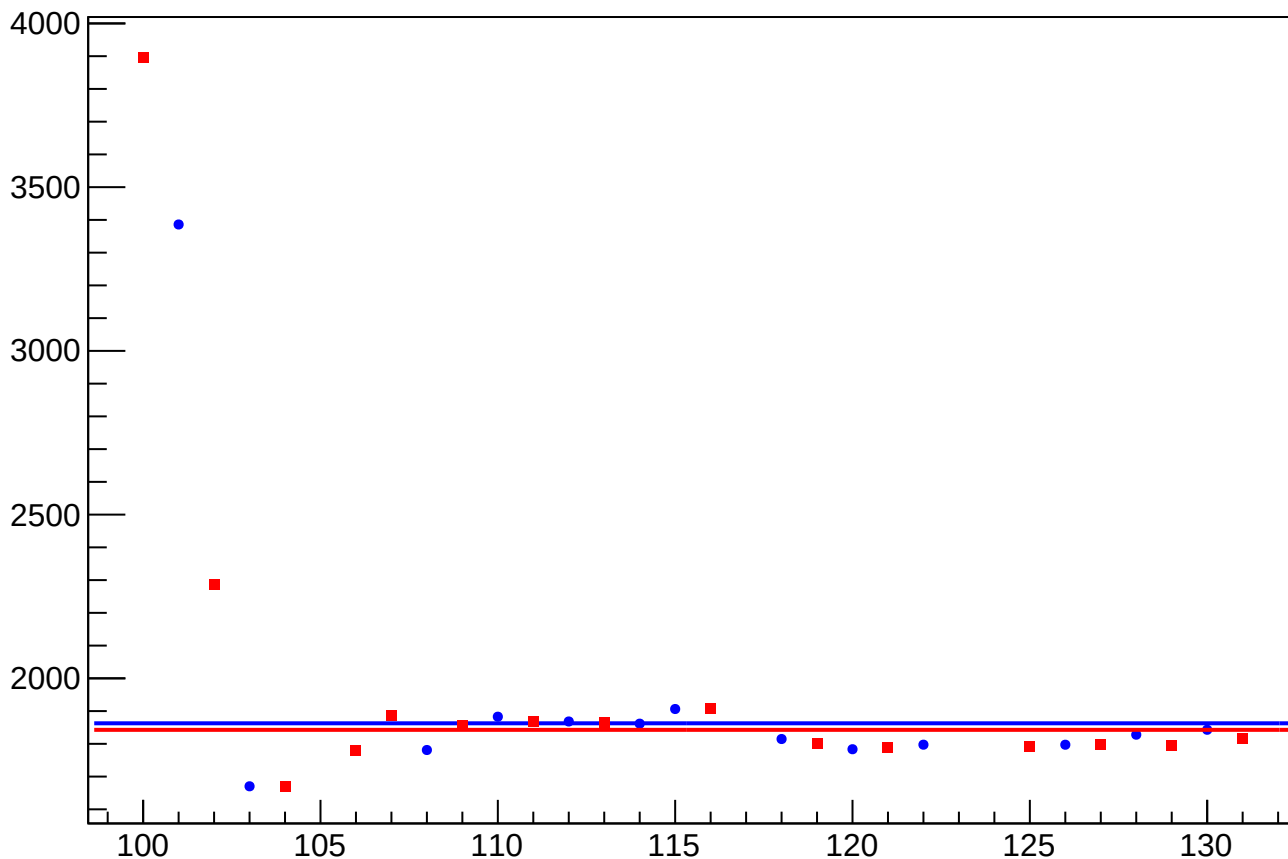
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 339.878 $\pm$ 550.931 χ^2 /NDF: 78.9/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1862.707 $\pm$ 0.568 χ^2 /NDF: 287702.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1842.703 $\pm$ 0.534 χ^2 /NDF: 97783.6/14

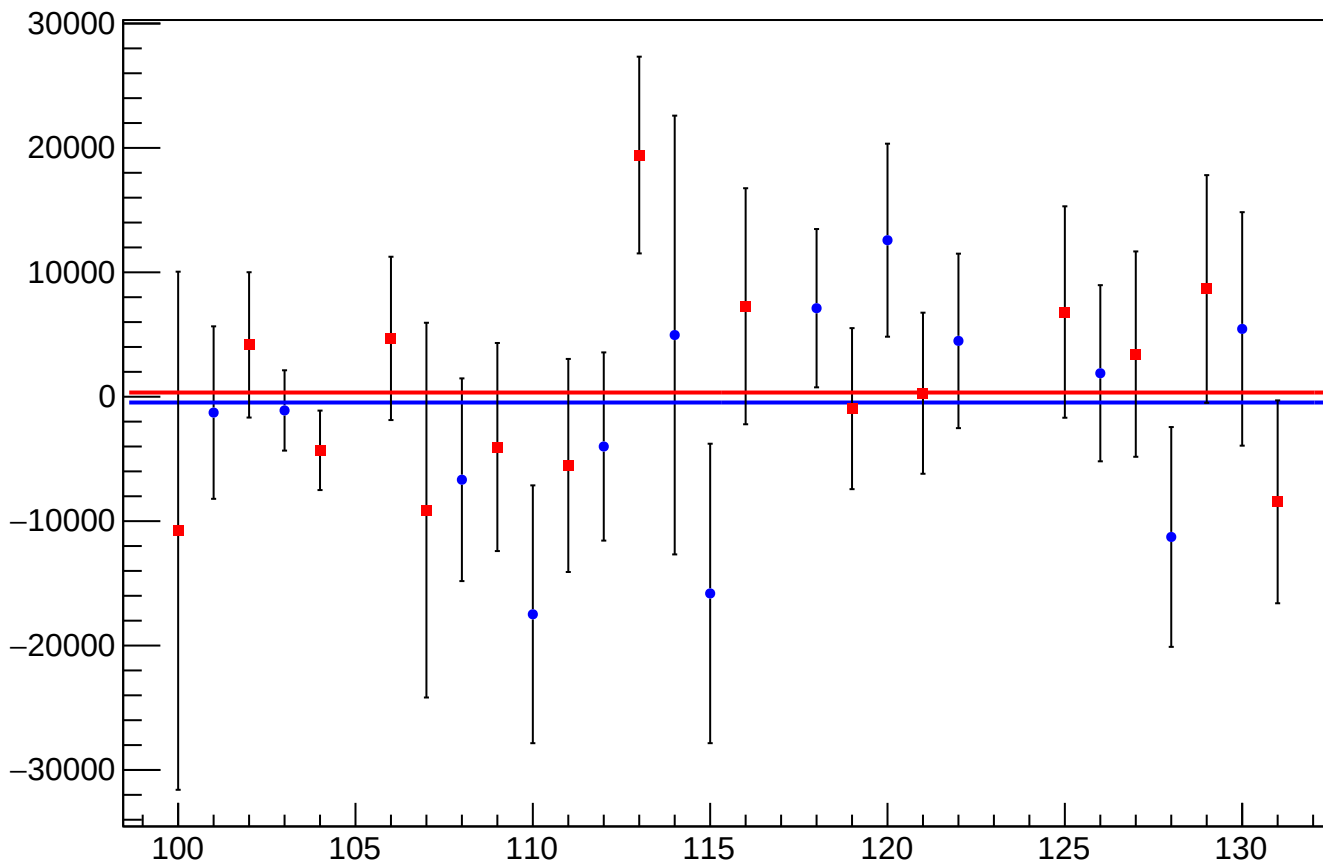
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1852.079 $\pm$ 0.389 χ^2 /NDF: 386144.5/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_cor_correction_mean vs Slug



Right In: -464.165+/-1908.598 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 338.514+/-1780.082 χ^2/NDF : 13.5/14

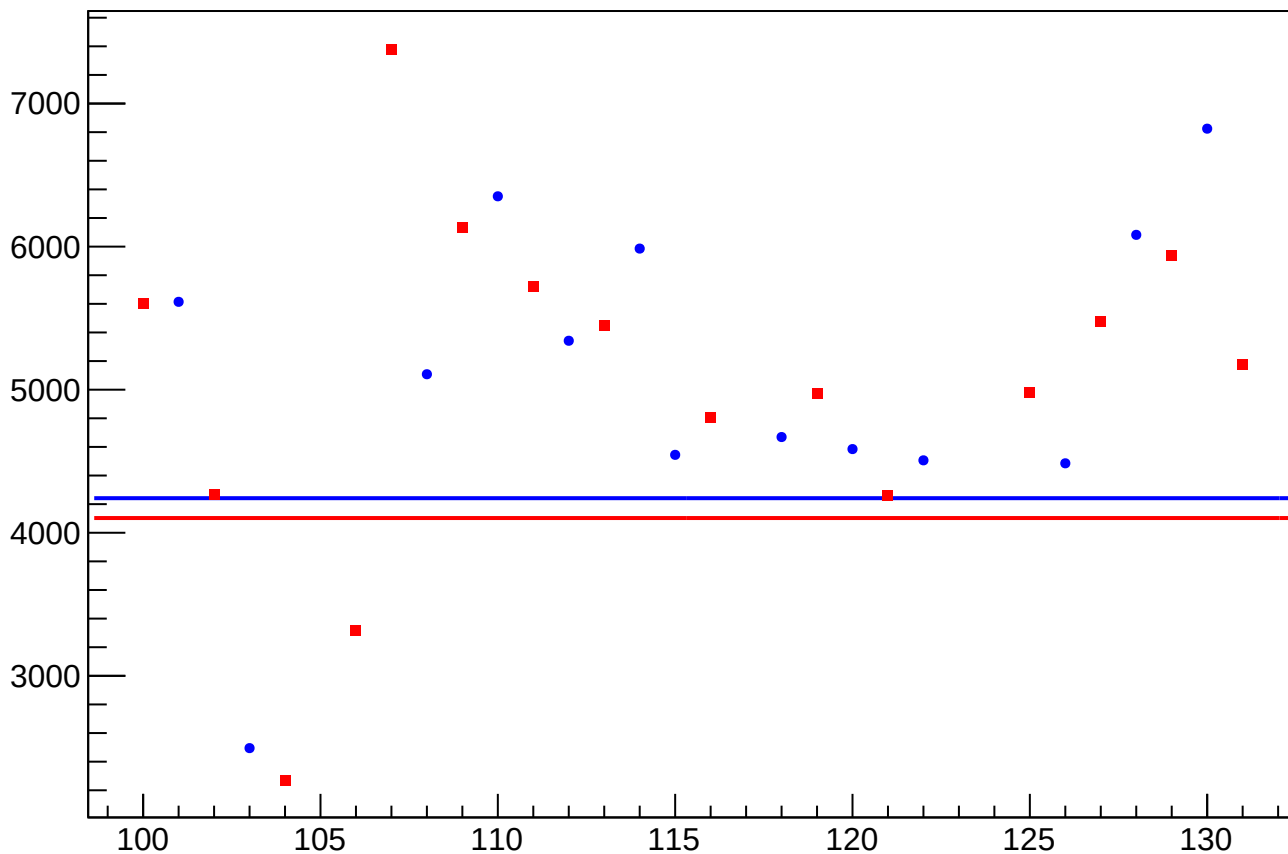
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.893+/-1301.773 χ^2/NDF : 25.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_cor_correction_rms vs Slug



Right In: 4241.679+/-1.350 χ^2/NDF : 1089257.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

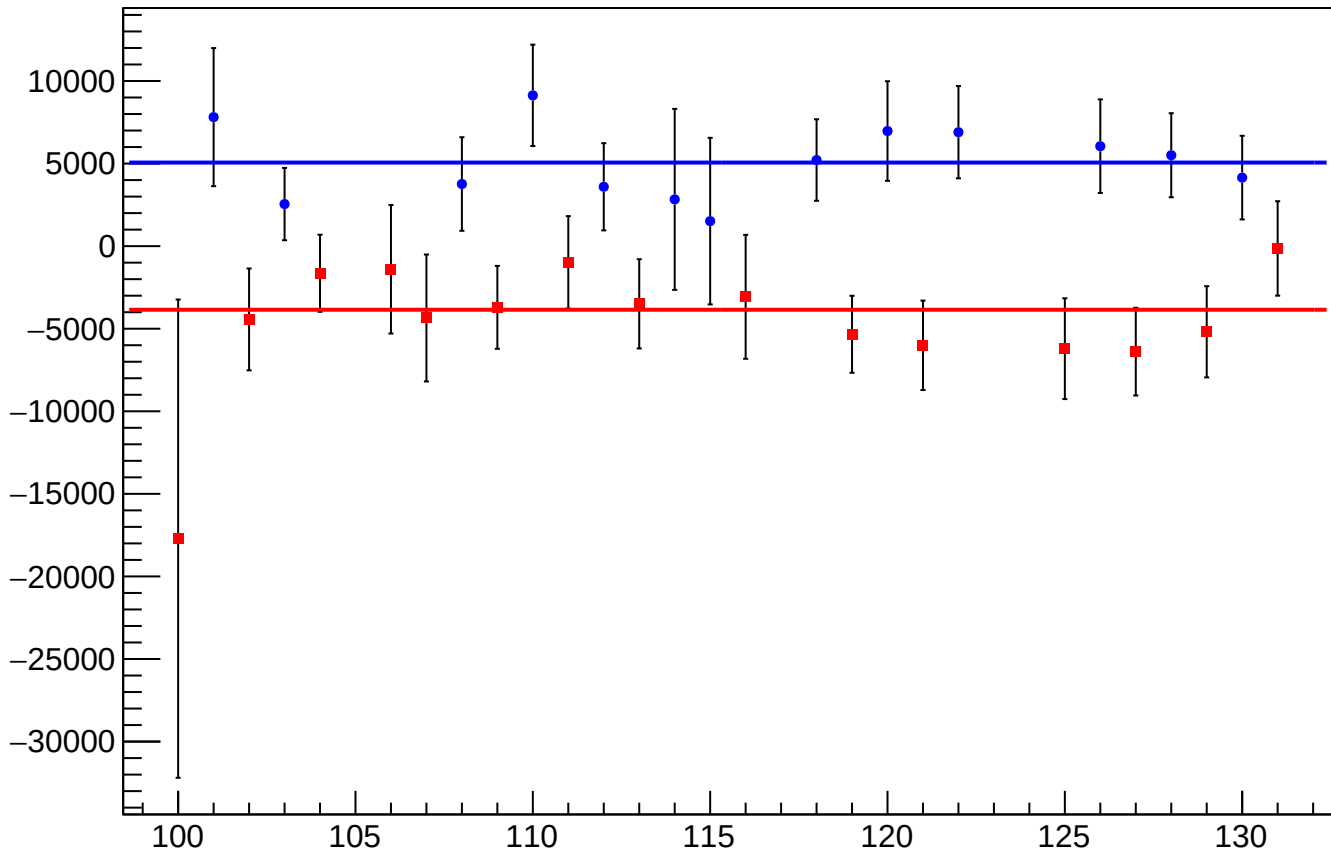
Right Out: 4102.888+/-1.259 χ^2/NDF : 1282245.4/14

All: 4167.454+/-0.920 χ^2/NDF : 2377158.9/27

- 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: 5060.993+/-803.379 χ^2/NDF : 5.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3851.417+/-756.959 χ^2/NDF : 7.9/14

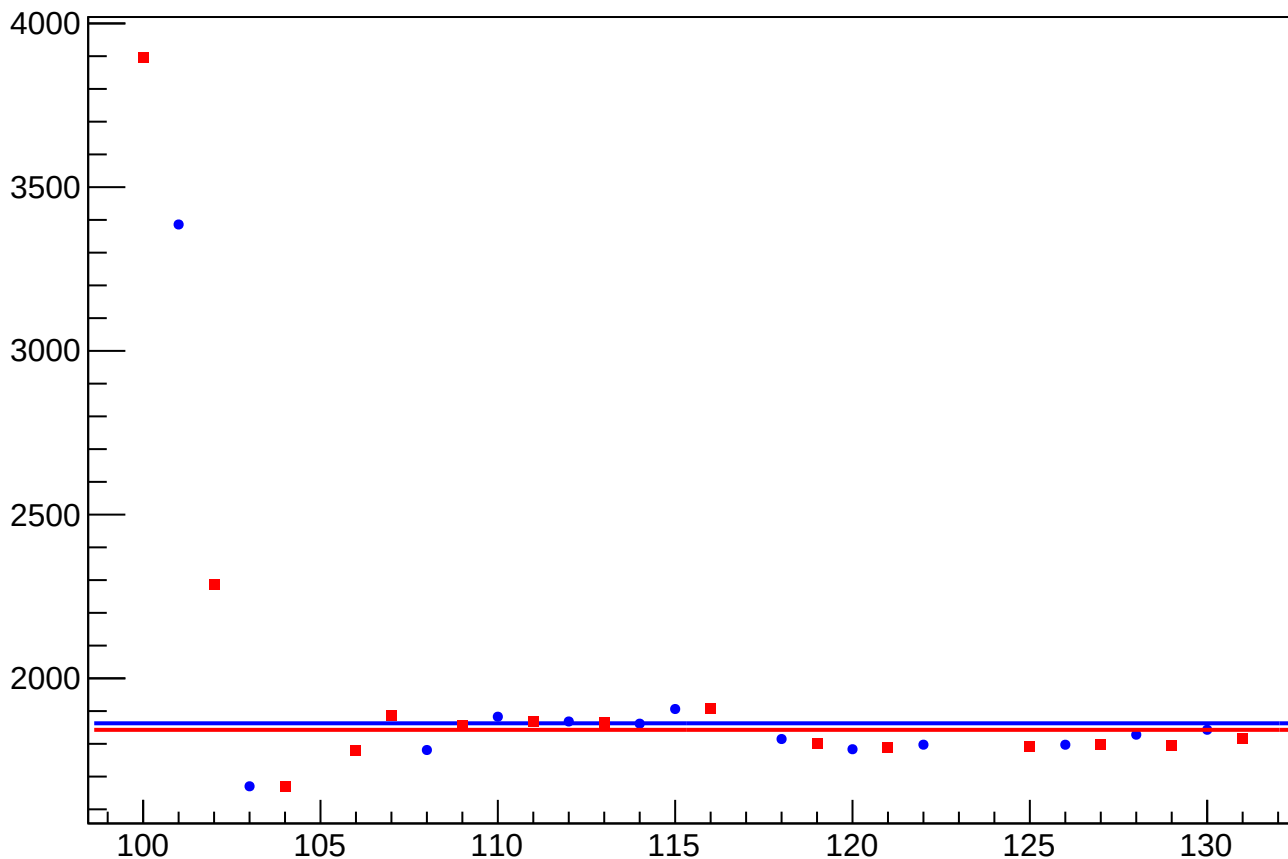
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 339.878+/-550.931 χ^2/NDF : 78.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1862.707 $\pm$ 0.568 χ^2 /NDF: 287702.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1842.703 $\pm$ 0.534 χ^2 /NDF: 97783.6/14

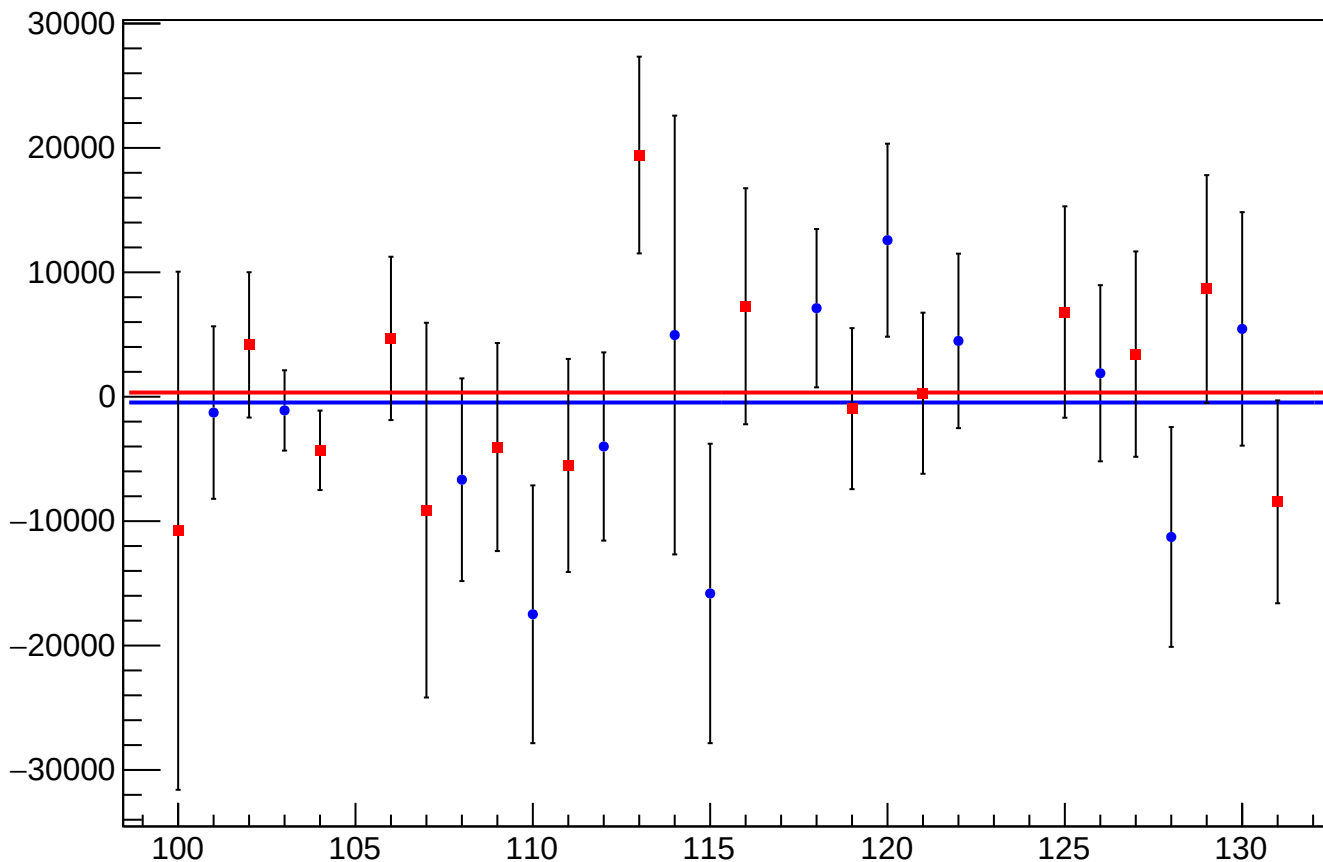
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1852.079 $\pm$ 0.389 χ^2 /NDF: 386144.5/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_eigen_cor_correction_mean vs Slug



Right In: -464.165+/-1908.598 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 338.514+/-1780.082 χ^2/NDF : 13.5/14

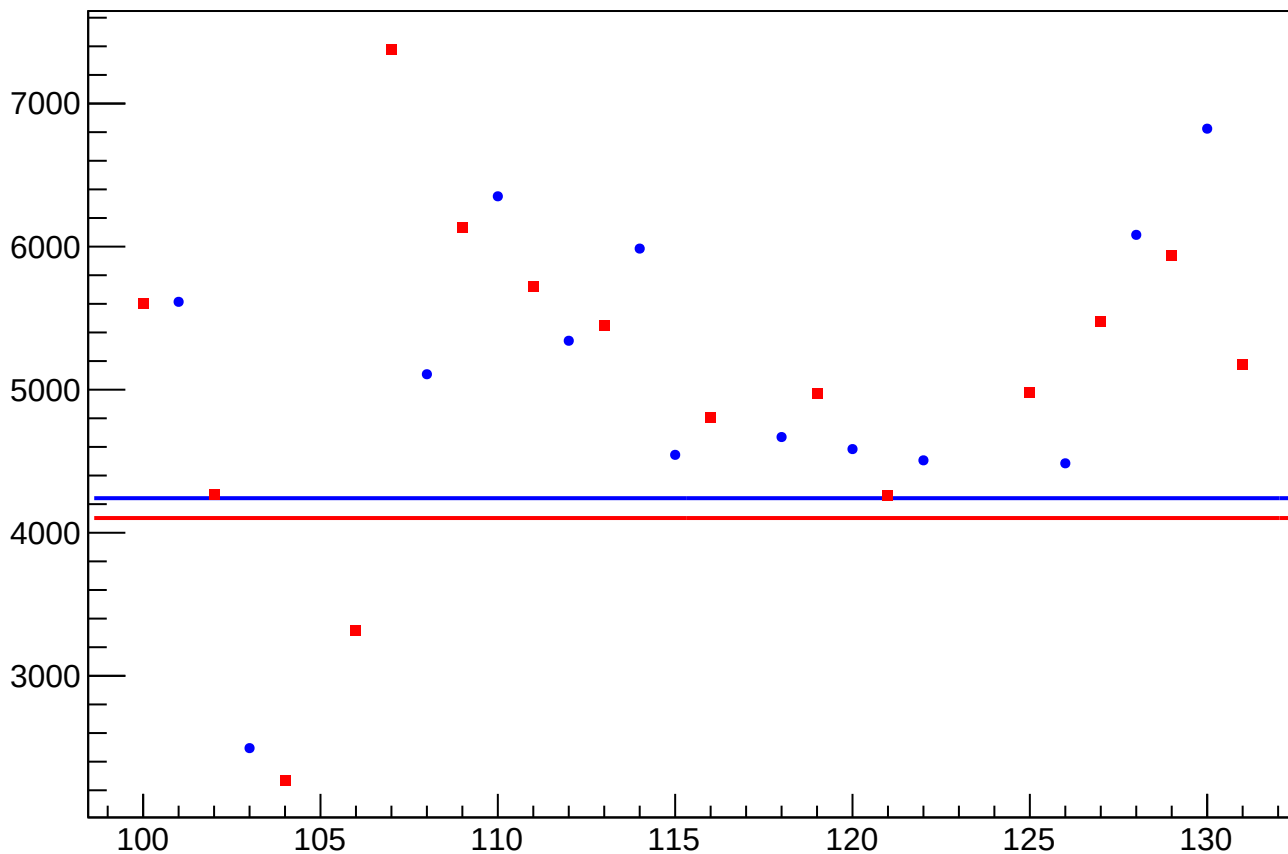
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.893+/-1301.773 χ^2/NDF : 25.6/27

- 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: 4241.679+/-1.350 χ^2/NDF : 1089257.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

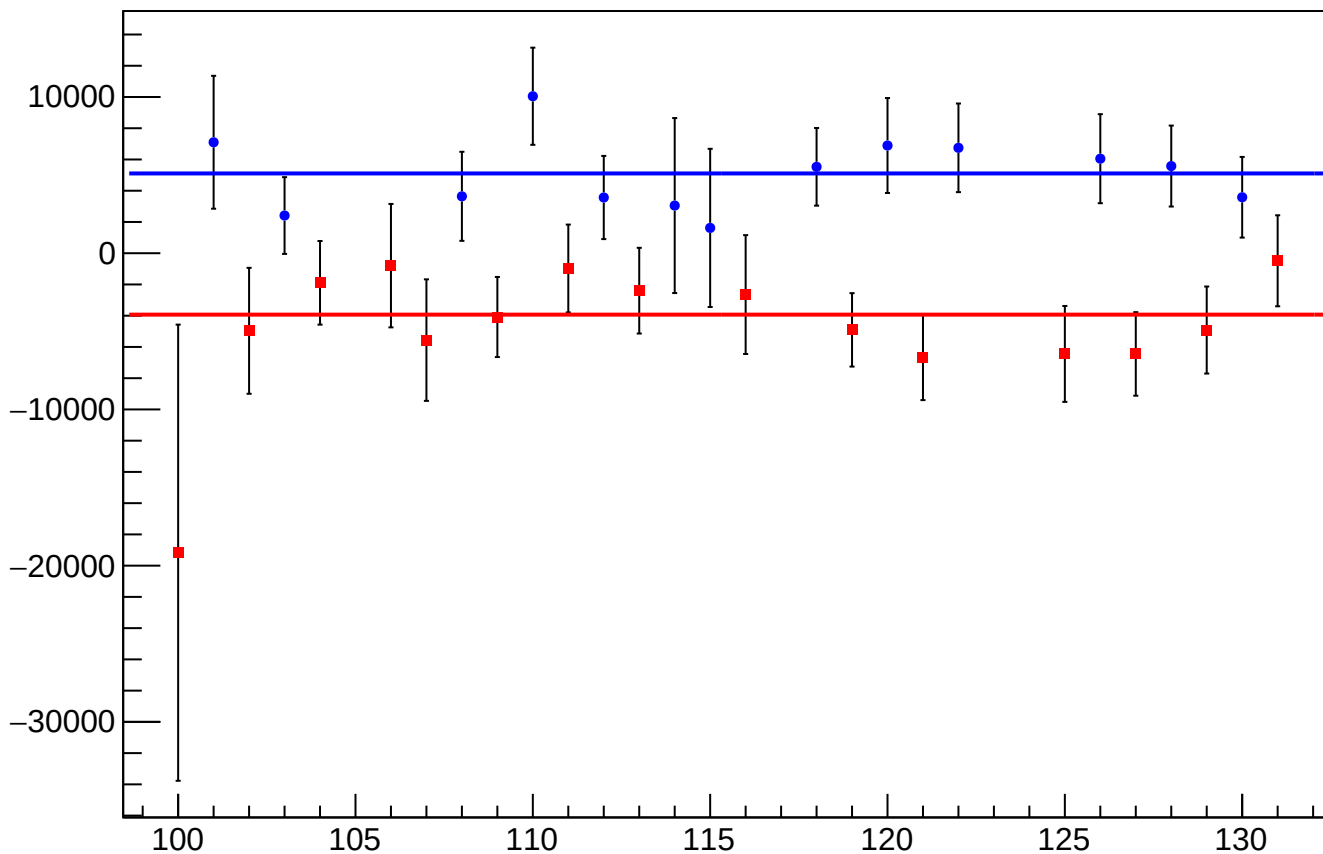
Right Out: 4102.888+/-1.259 χ^2/NDF : 1282245.4/14

All: 4167.454+/-0.920 χ^2/NDF : 2377158.9/27

- 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: 5106.363+/-823.115 χ^2/NDF : 6.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3931.874+/-784.535 χ^2/NDF : 8.3/14

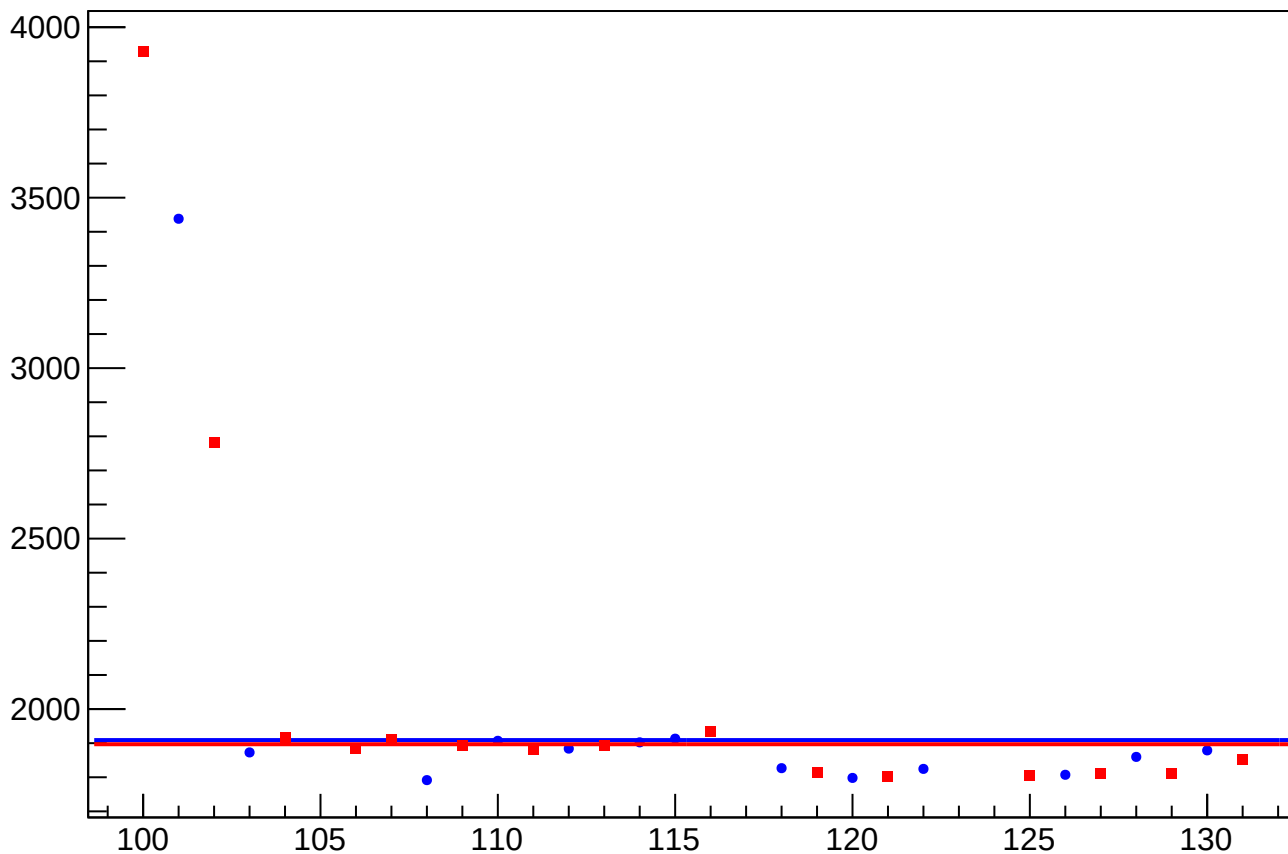
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 370.471+/-567.899 χ^2/NDF : 77.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1909.073+/-0.582 χ^2/NDF : 272685.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1896.877+/-0.554 χ^2/NDF : 146643.2/14

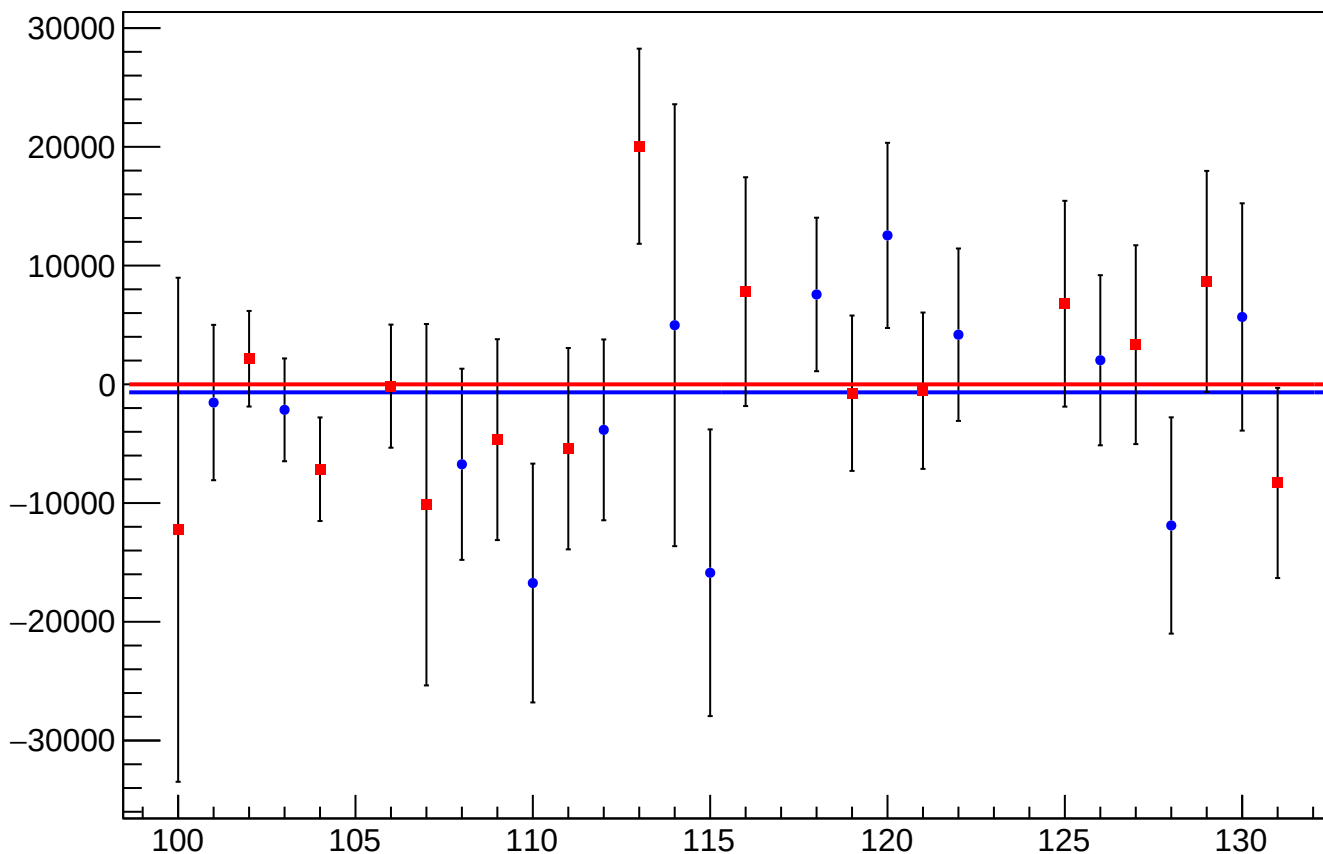
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1902.675+/-0.401 χ^2/NDF : 419559.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_dit_correction_mean vs Slug



Right In: -676.171+/-2081.386 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.554+/-1788.563 χ^2/NDF : 13.8/14

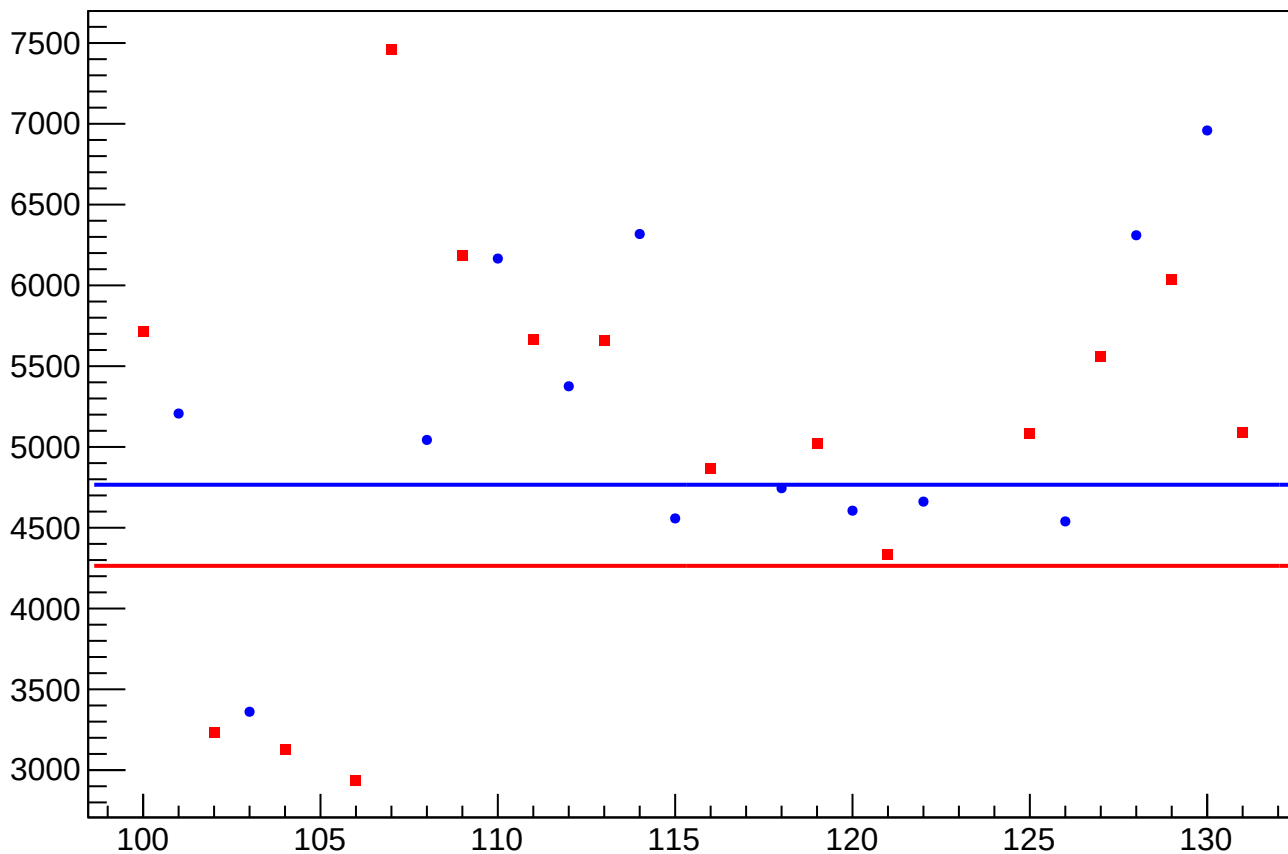
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -288.683+/-1356.522 χ^2/NDF : 26.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_dit_correction_rms vs Slug



Right In: 4766.158+/-1.472 χ^2/NDF : 453891.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

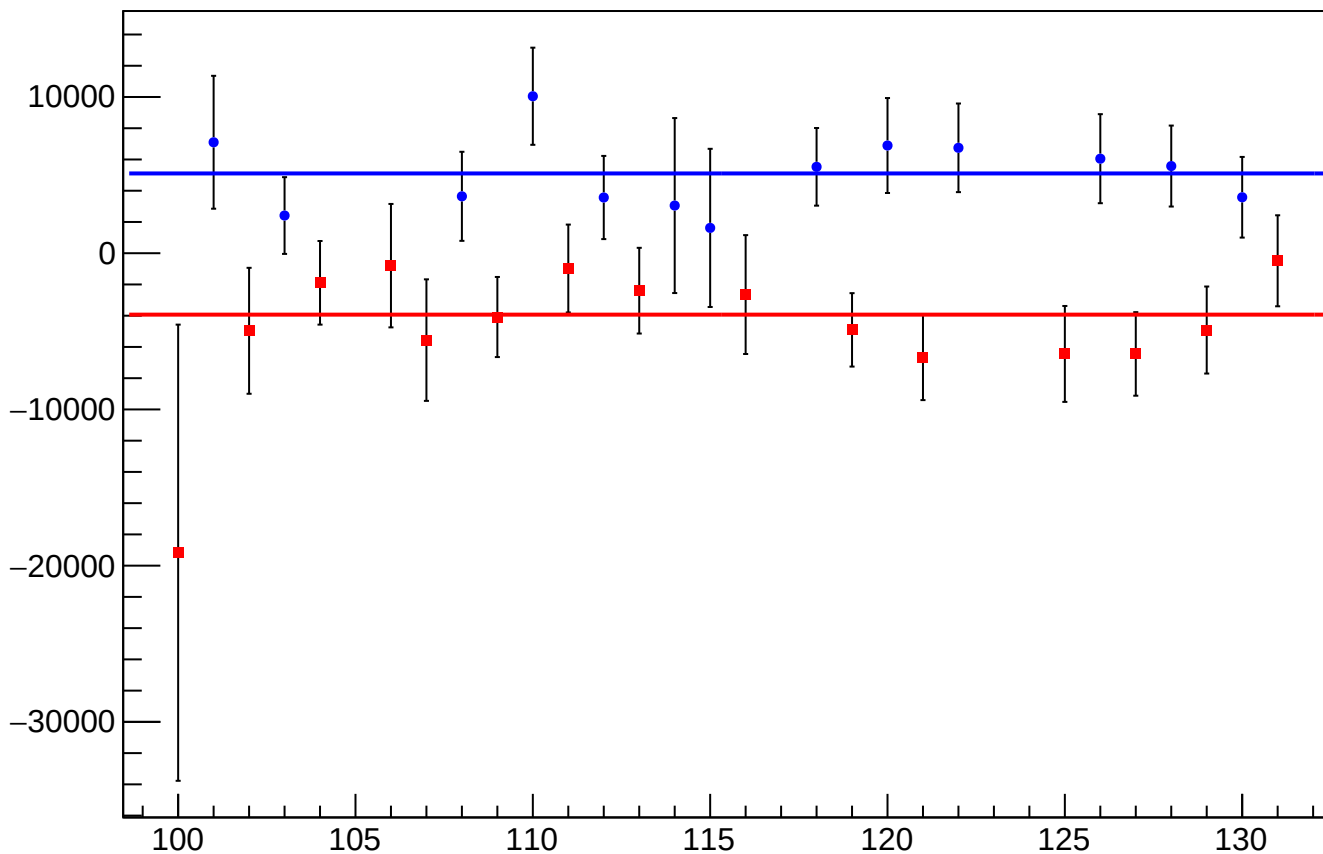
Right Out: 4264.190+/-1.265 χ^2/NDF : 904515.4/14

All: 4477.408+/-0.959 χ^2/NDF : 1425321.5/27

- 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: 5106.365+/-823.115 χ^2/NDF : 6.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3931.876+/-784.534 χ^2/NDF : 8.3/14

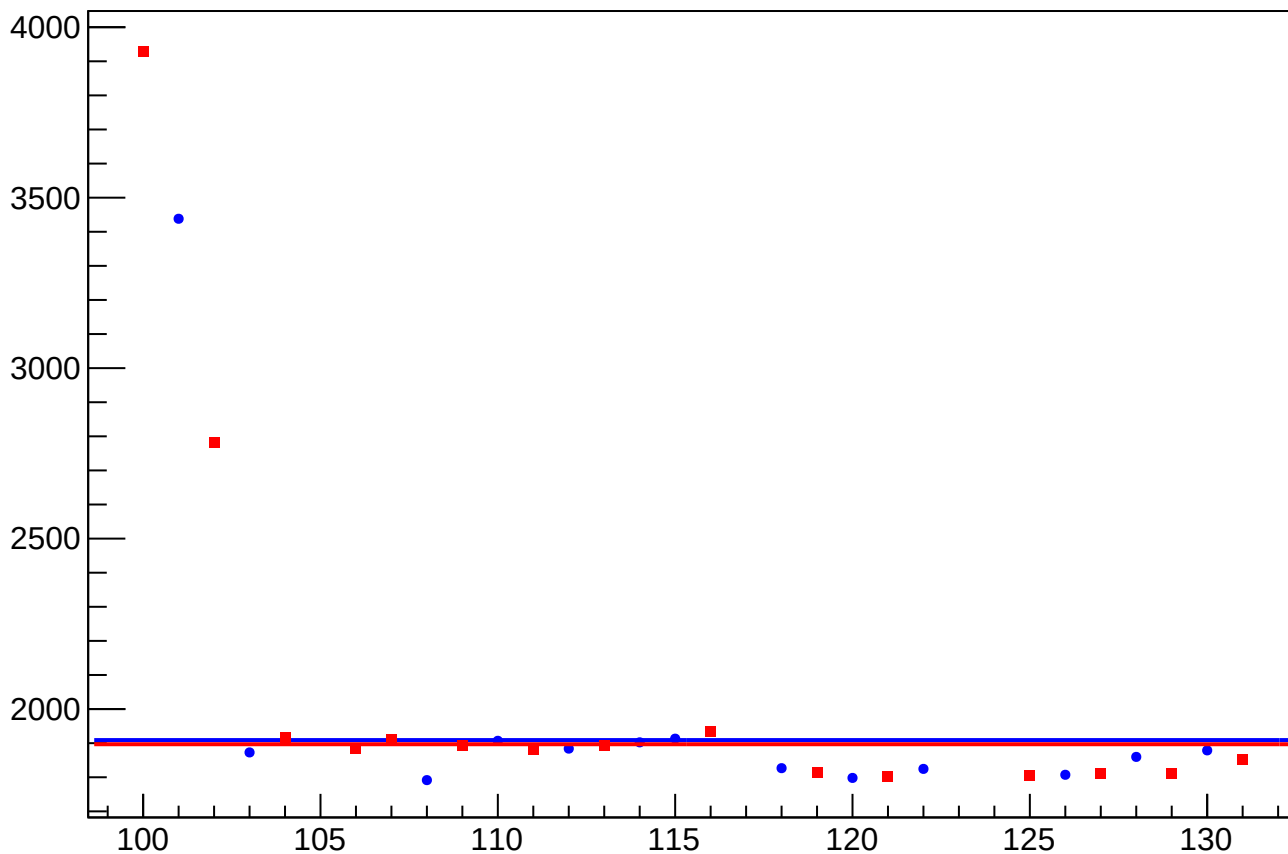
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 370.471+/-567.899 χ^2/NDF : 77.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1909.072 $\pm$ 0.582 χ^2 /NDF: 272686.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1896.876 $\pm$ 0.554 χ^2 /NDF: 146642.5/14

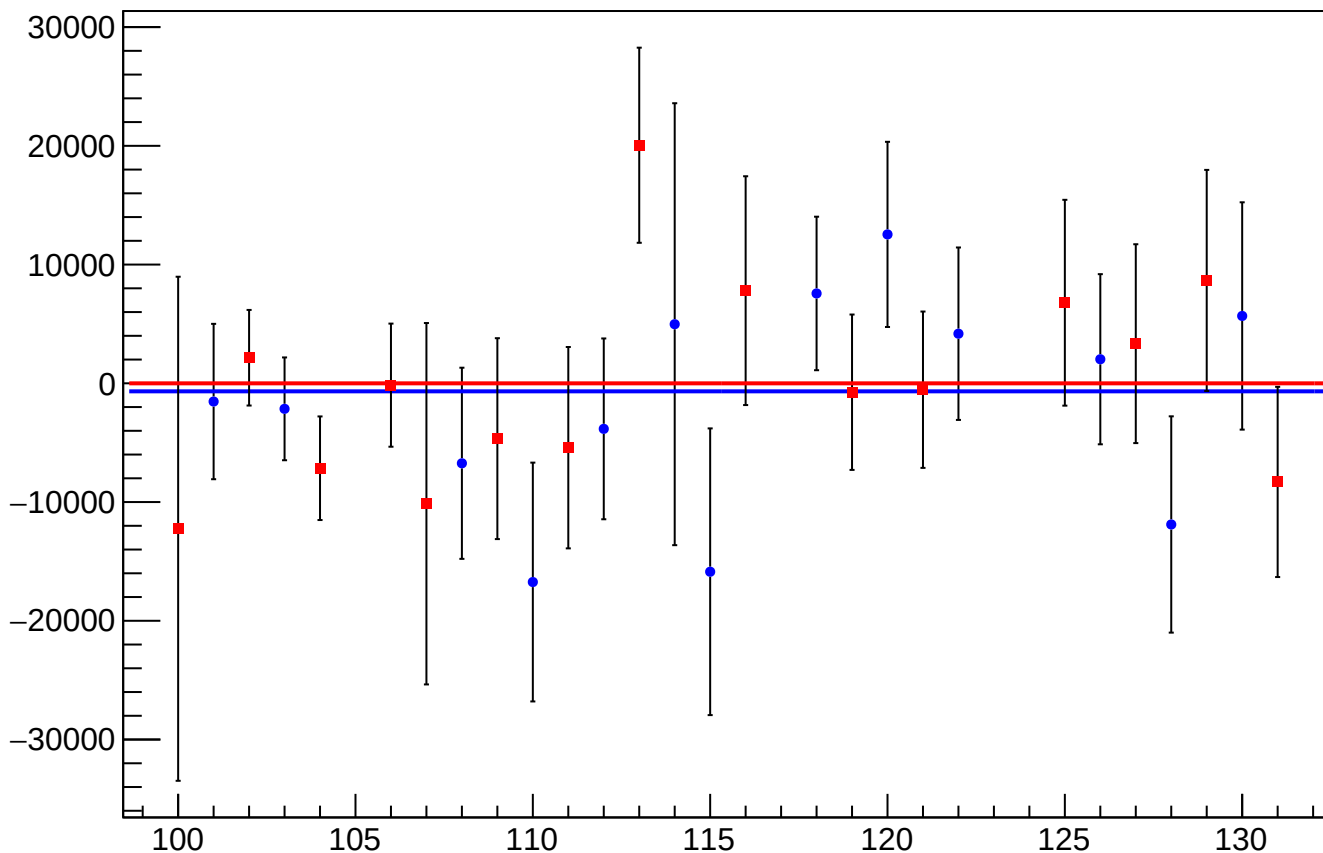
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1902.674 $\pm$ 0.401 χ^2 /NDF: 419559.0/27

- 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: -676.164+/-2081.379 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.556+/-1788.557 χ^2/NDF : 13.8/14

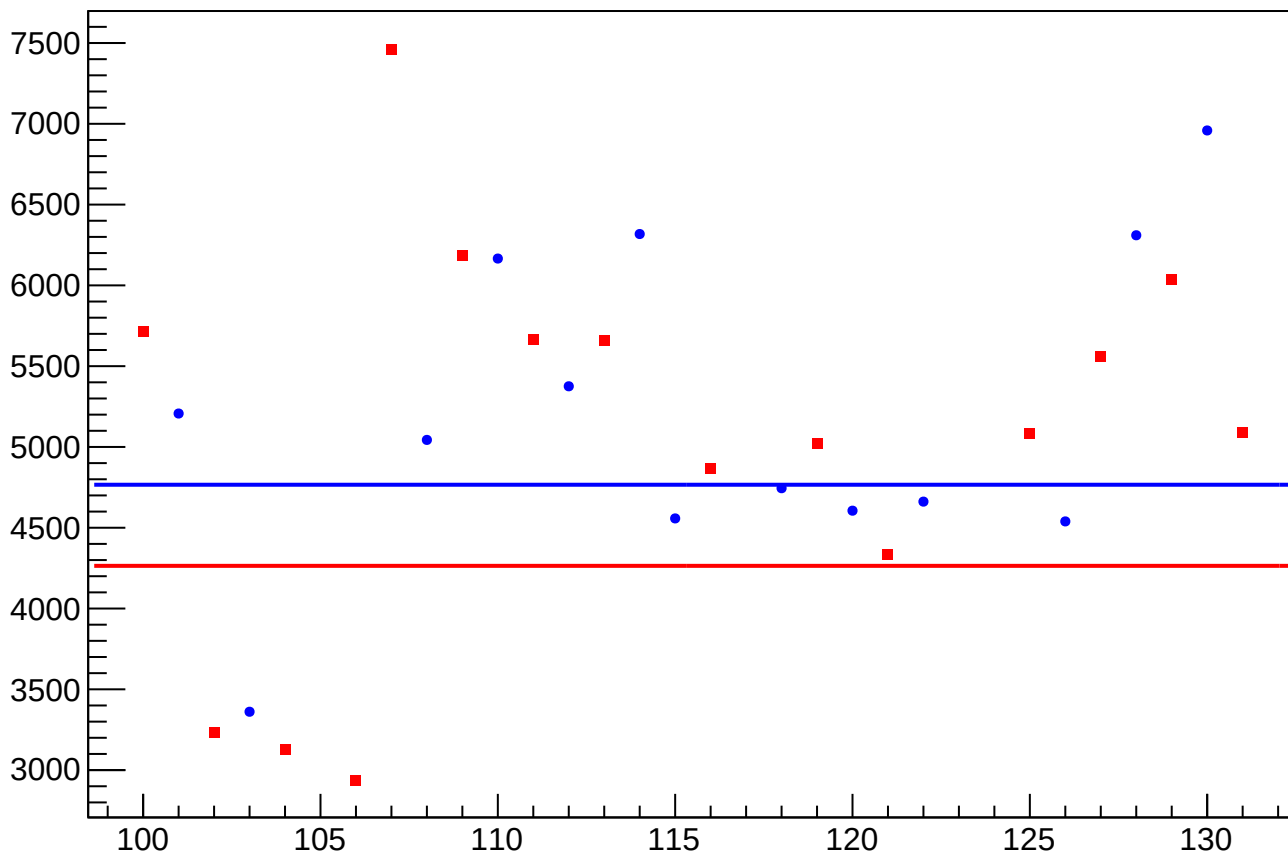
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -288.681+/-1356.518 χ^2/NDF : 26.0/27

- 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: 4766.143+/-1.472 χ^2/NDF : 453890.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

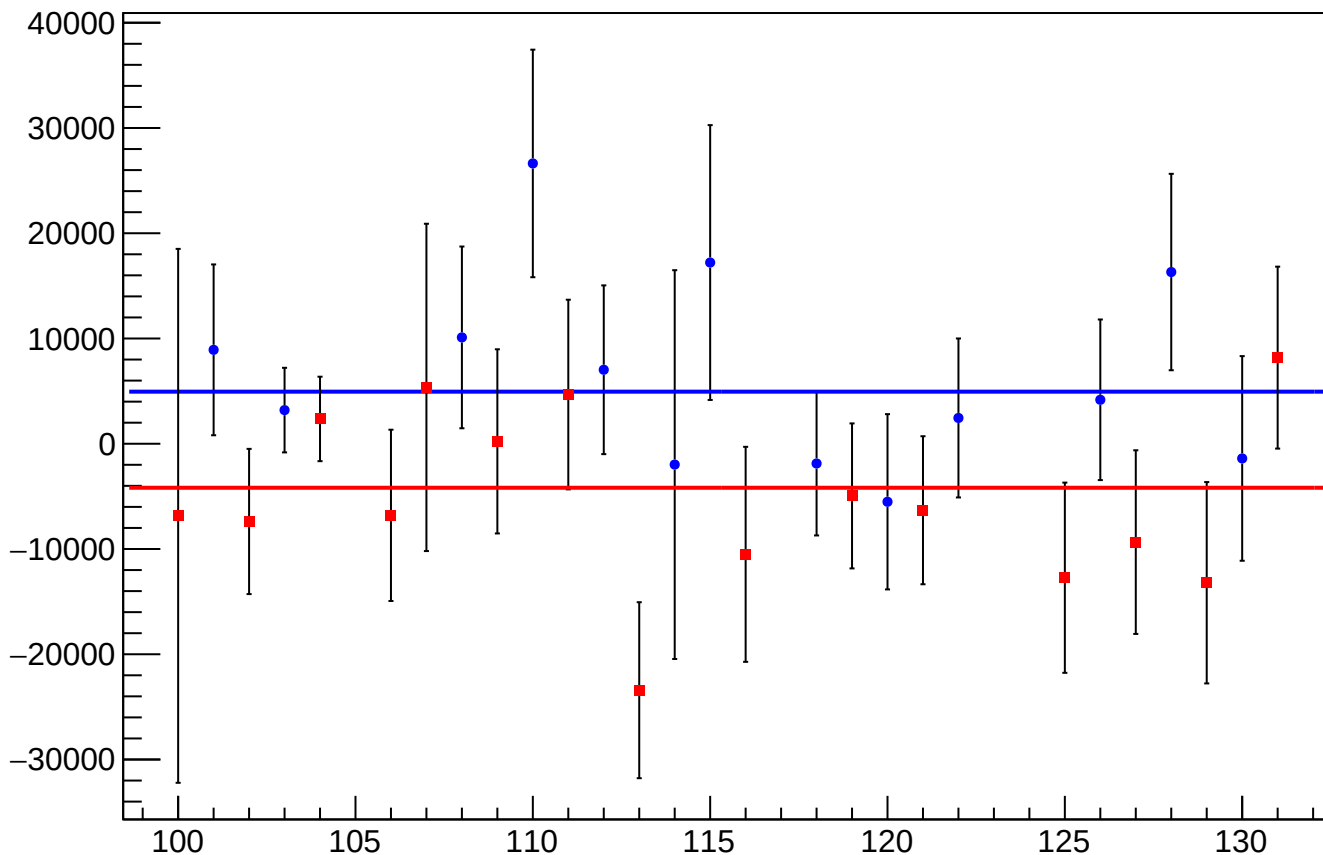
Right Out: 4264.178+/-1.265 χ^2/NDF : 904512.8/14

All: 4477.395+/-0.959 χ^2/NDF : 1425317.3/27

- 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: 4949.059+/-2151.556 χ^2/NDF : 10.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4180.746+/-2023.574 χ^2/NDF : 14.5/14

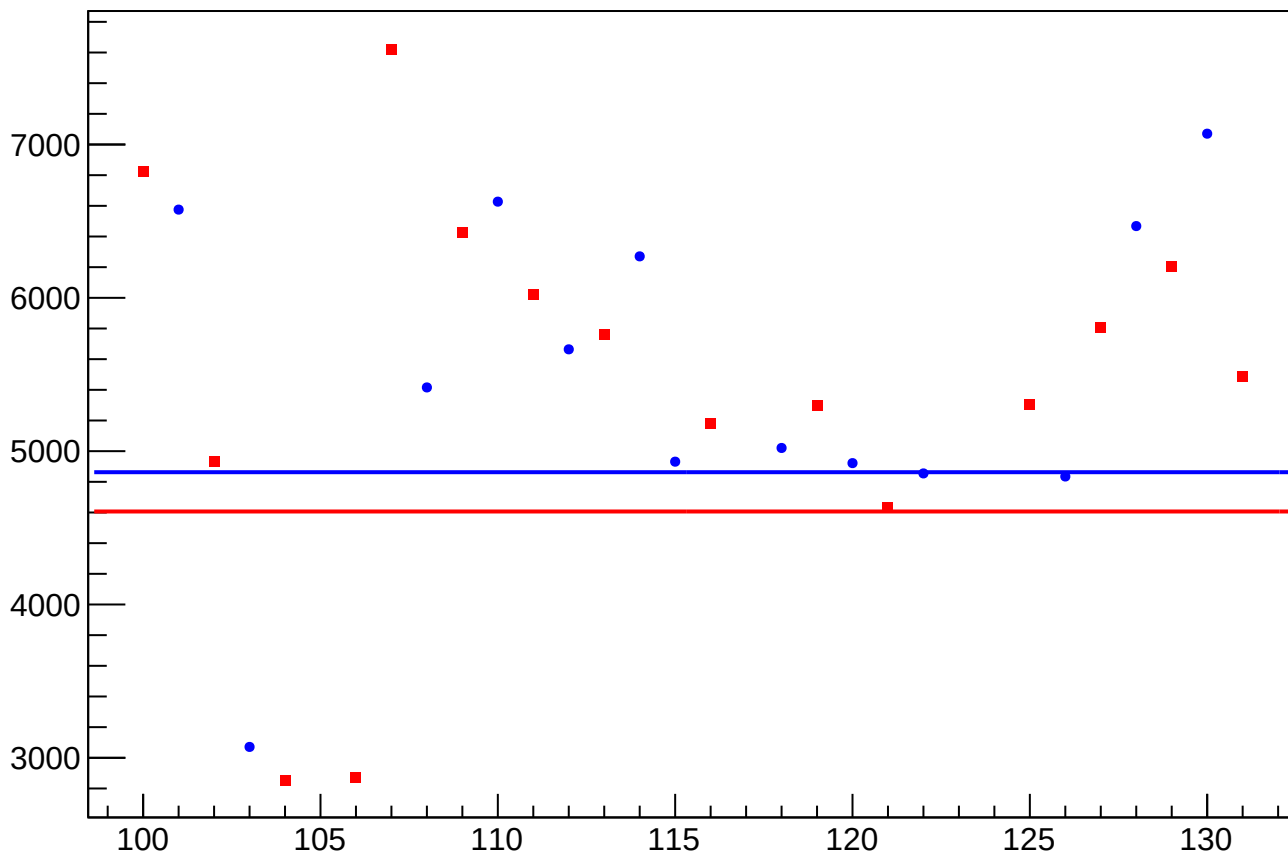
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.559+/-1474.052 χ^2/NDF : 34.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 4862.777+/-1.521 χ^2/NDF : 743326.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4606.568+/-1.399 χ^2/NDF : 962366.2/14

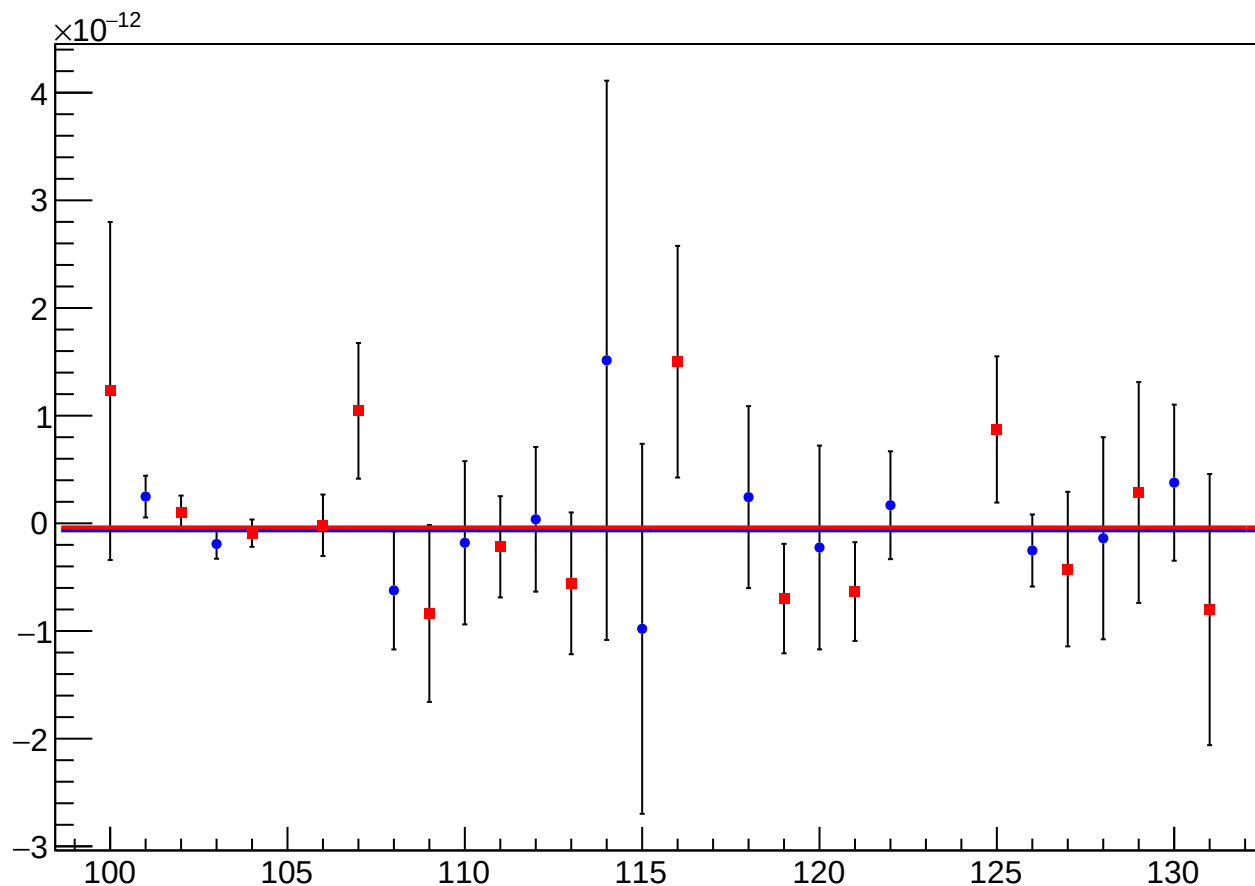
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4723.957+/-1.030 χ^2/NDF : 1721060.1/27

- sign 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 : 6.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.3/14

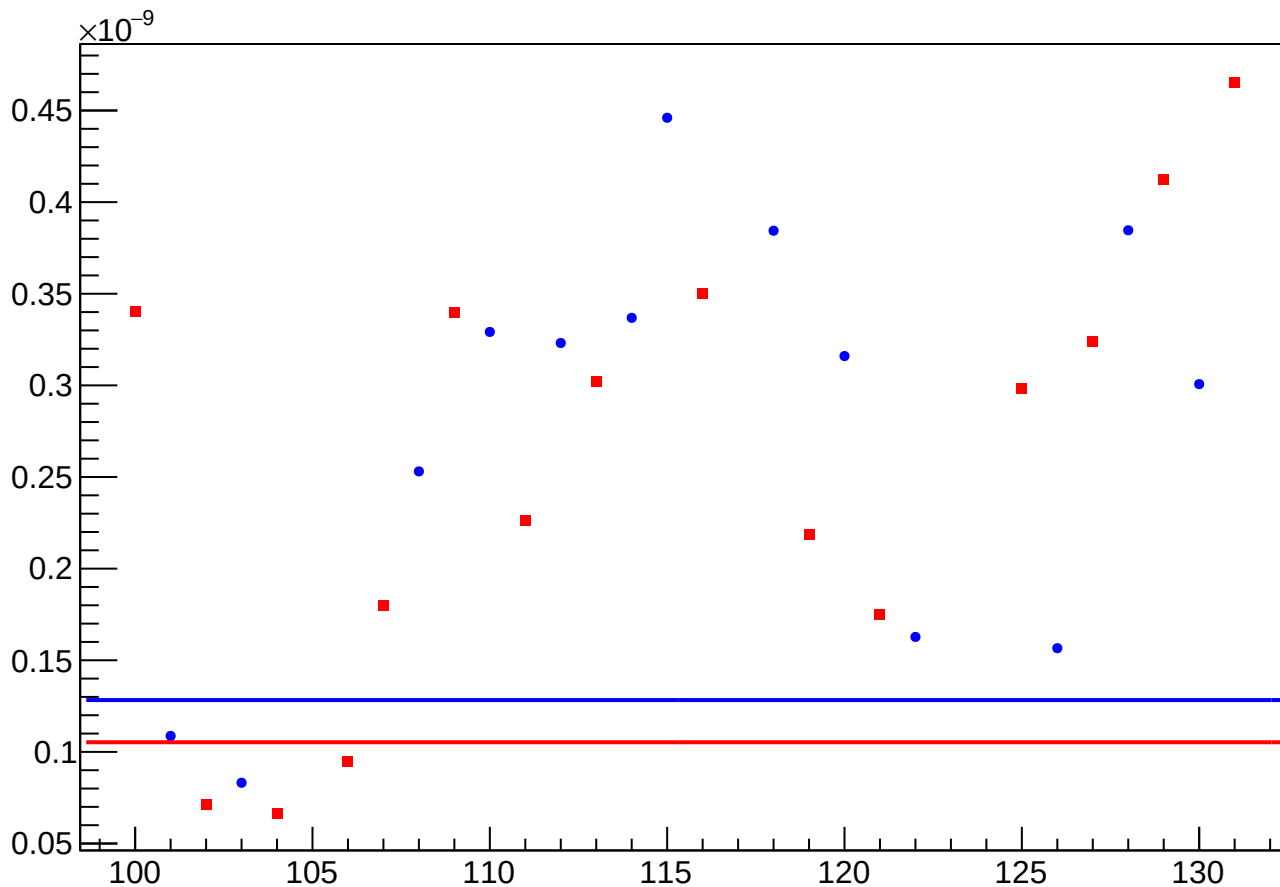
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.7/27

- 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 : 1278173.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1774963.2/14

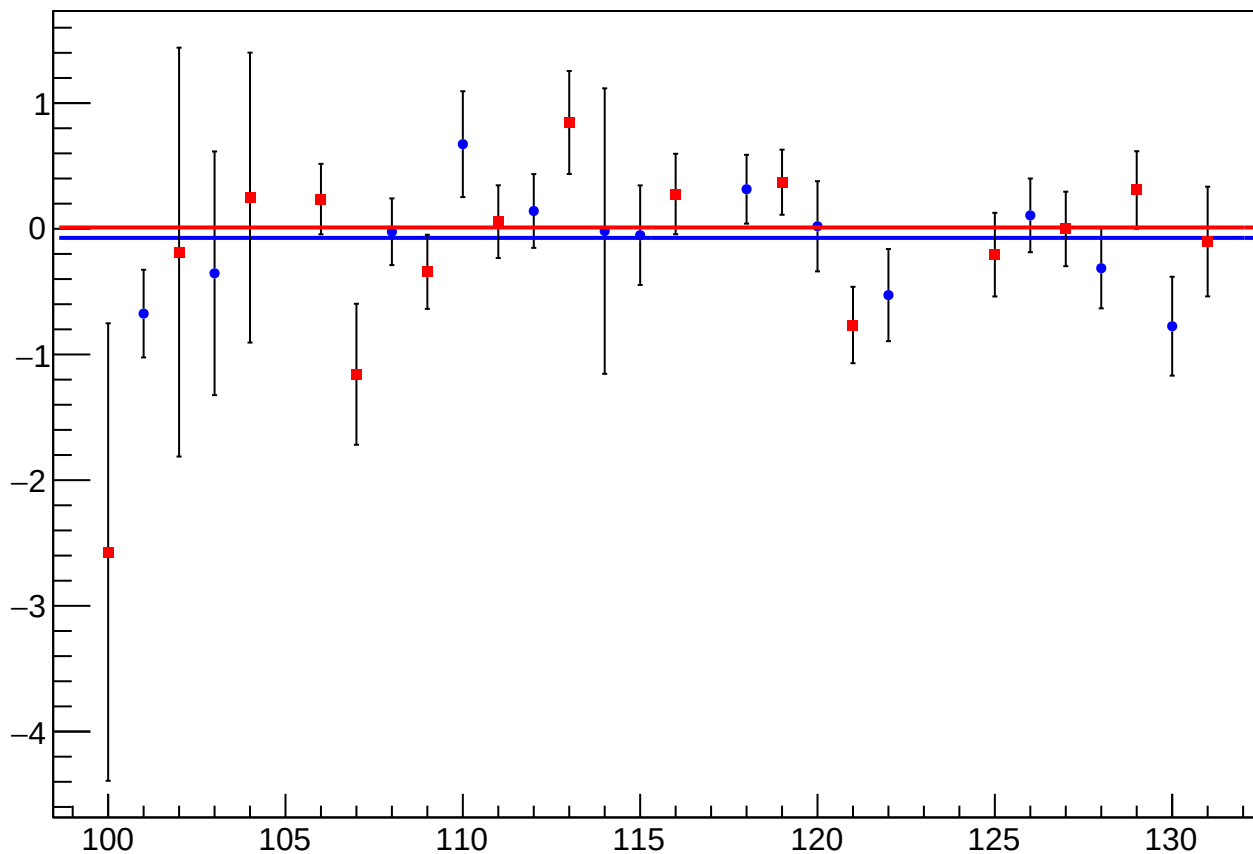
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3117665.0/27

- 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: -0.072 ± 0.098 χ^2/NDF : 14.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.011 ± 0.092 χ^2/NDF : 23.2/14

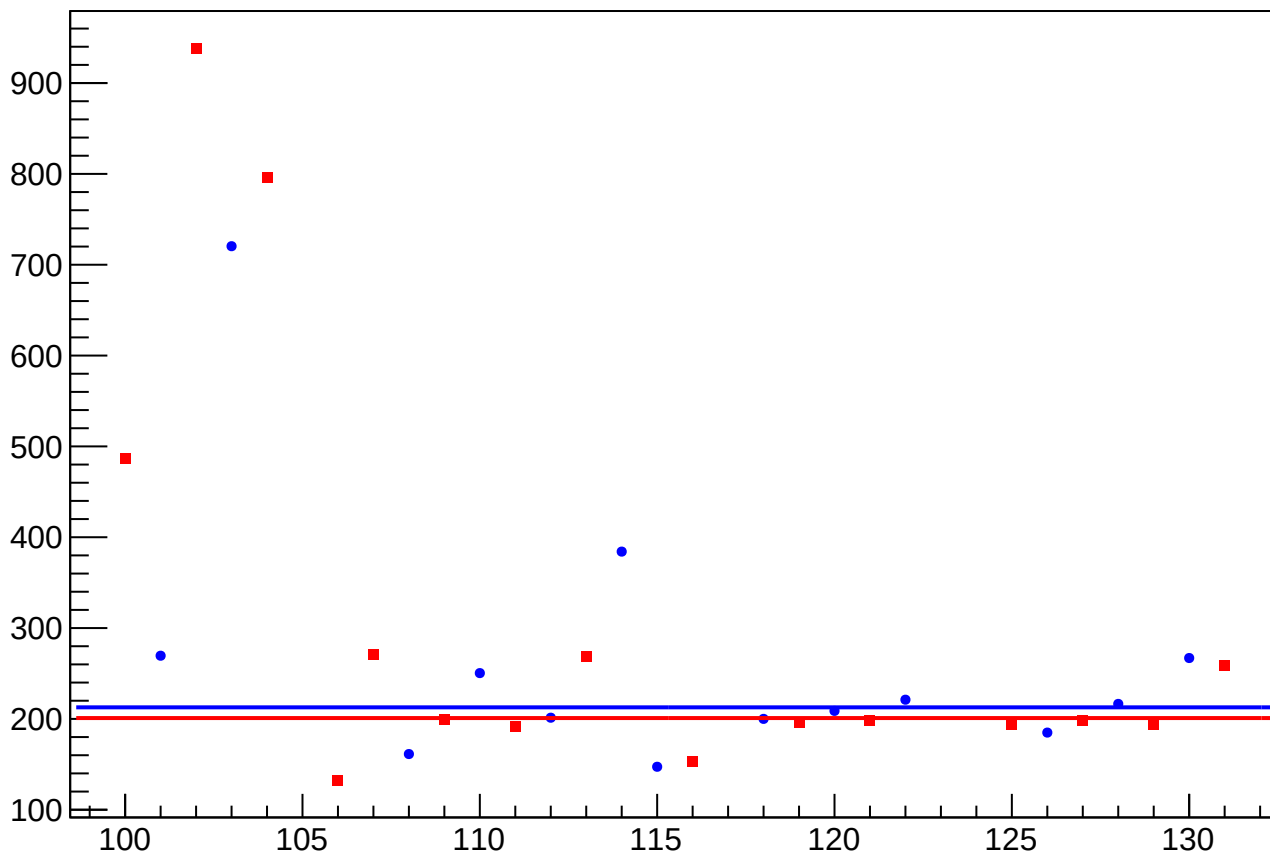
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.028 ± 0.067 χ^2/NDF : 38.1/27

- 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: 212.726+/-0.069 χ^2/NDF : 857834.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

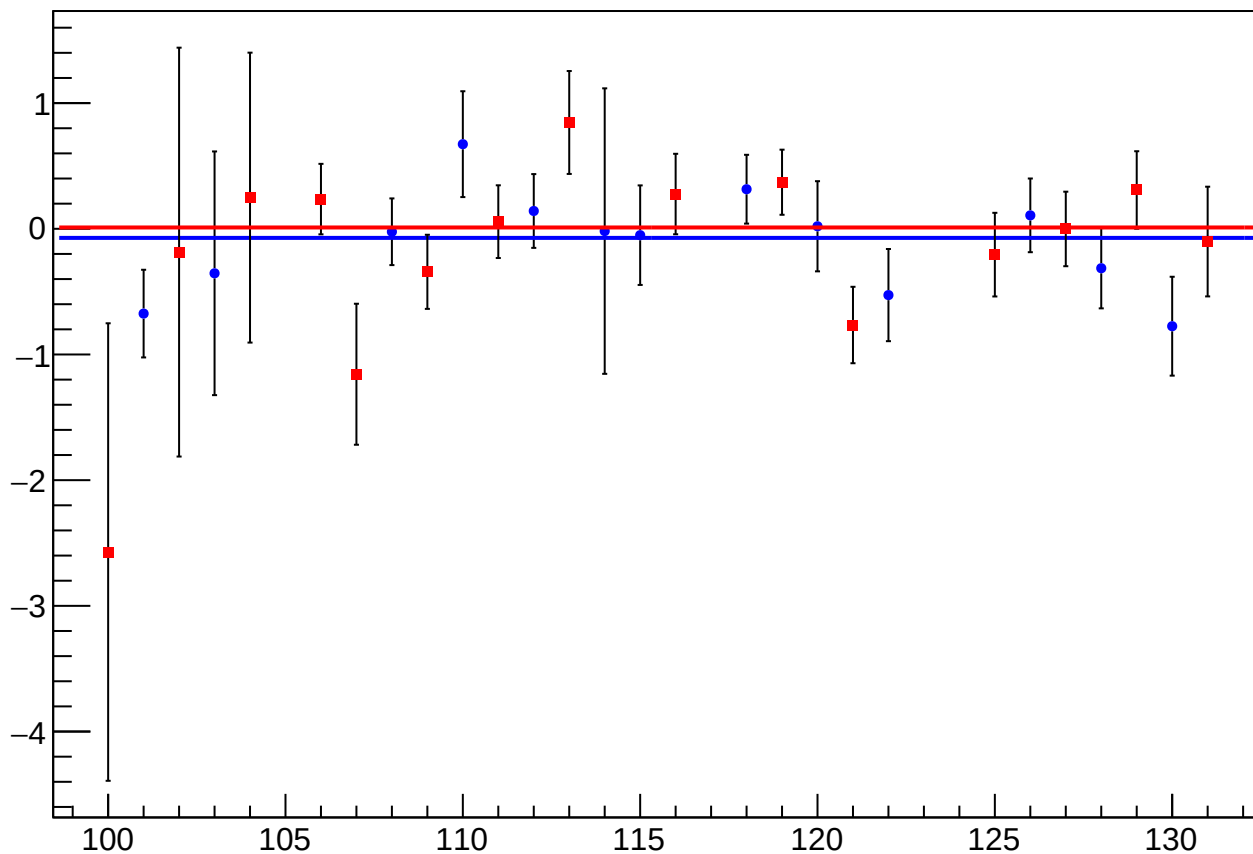
Right Out: 200.928+/-0.065 χ^2/NDF : 1284258.1/14

All: 206.455+/-0.047 χ^2/NDF : 2157533.6/27

- 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: -0.072+/-0.098 χ^2 /NDF: 14.5/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.011+/-0.092 χ^2 /NDF: 23.2/14

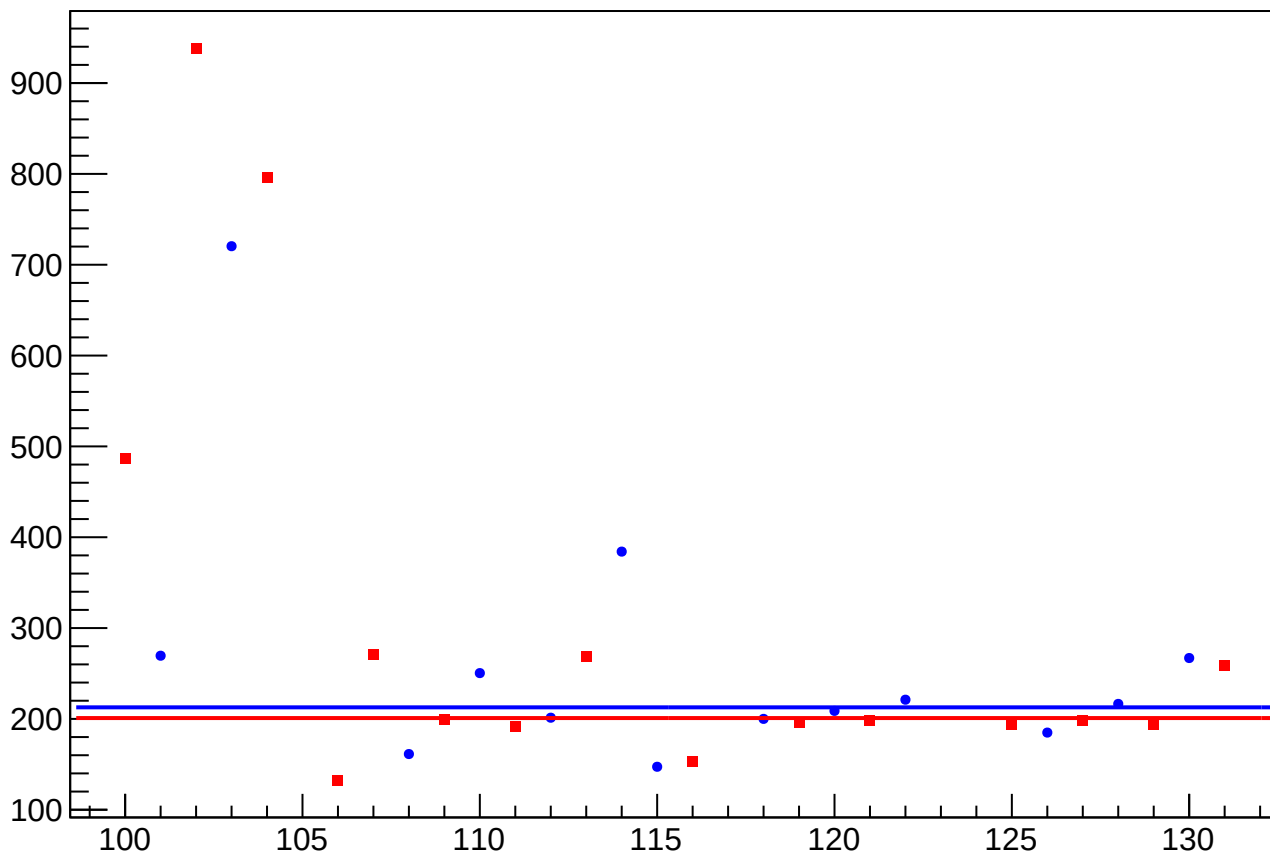
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.028+/-0.067 χ^2 /NDF: 38.1/27

- 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: 212.726+/-0.069 χ^2/NDF : 857834.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 200.928+/-0.065 χ^2/NDF : 1284258.1/14

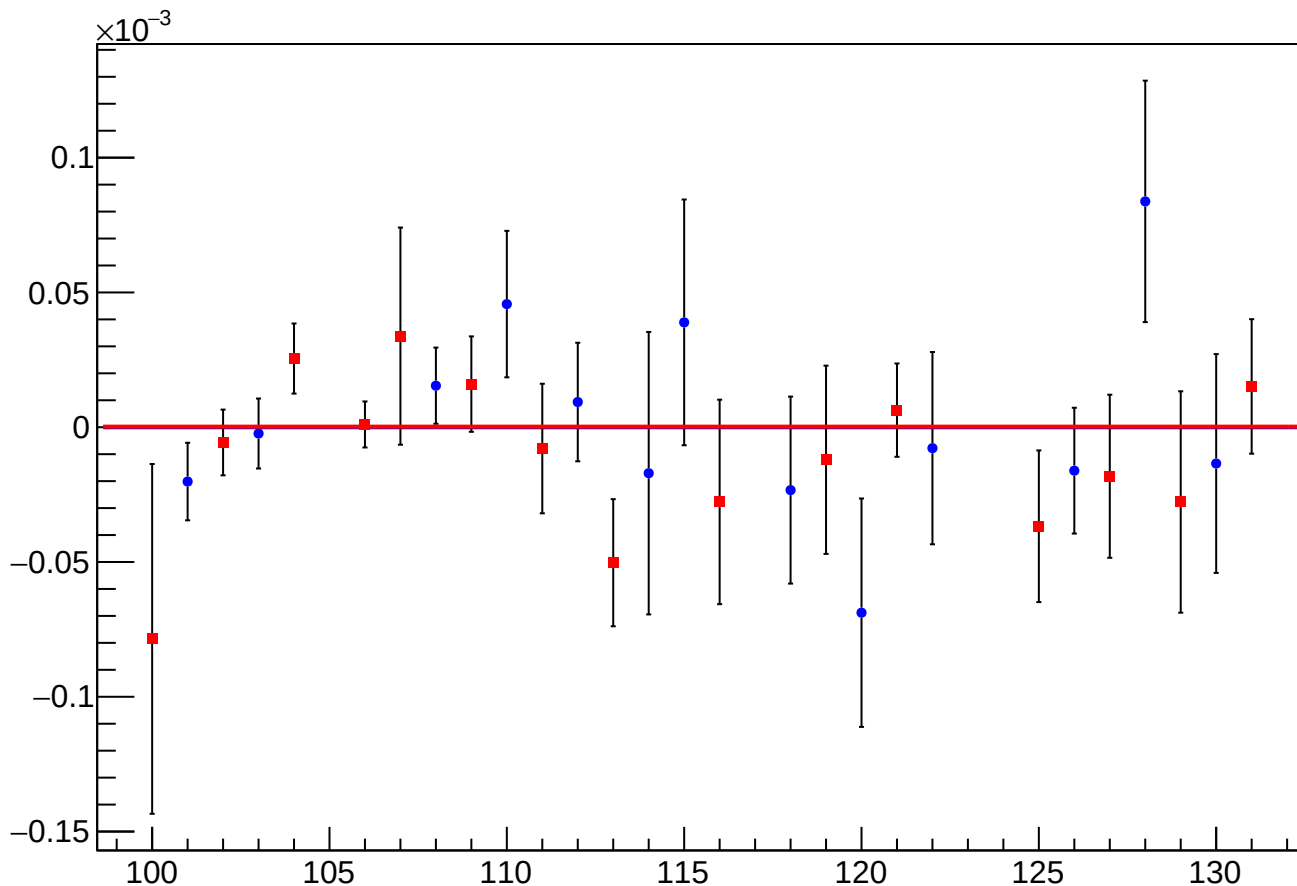
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.455+/-0.047 χ^2/NDF : 2157533.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 14.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 15.4/14

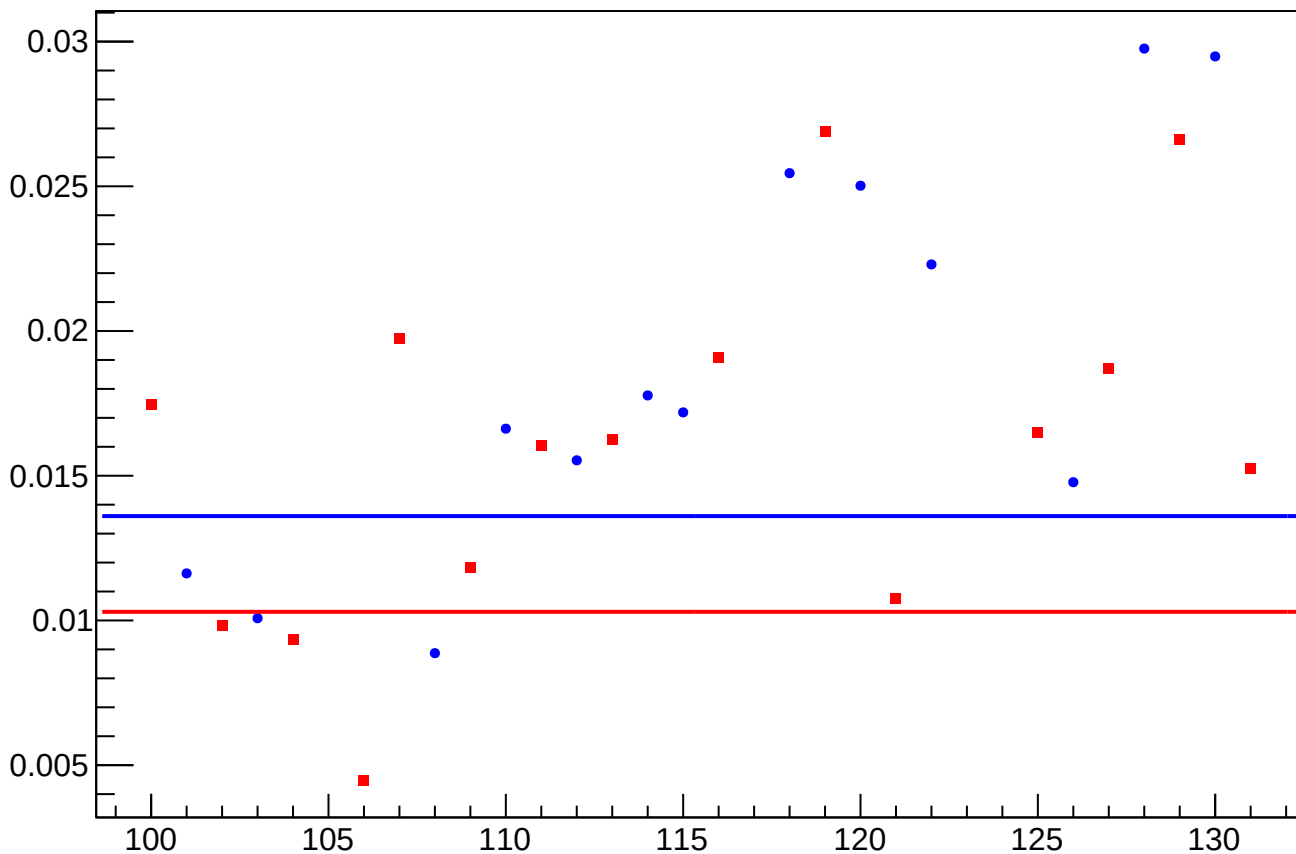
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 29.6/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 1543897.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 2546493.2/14

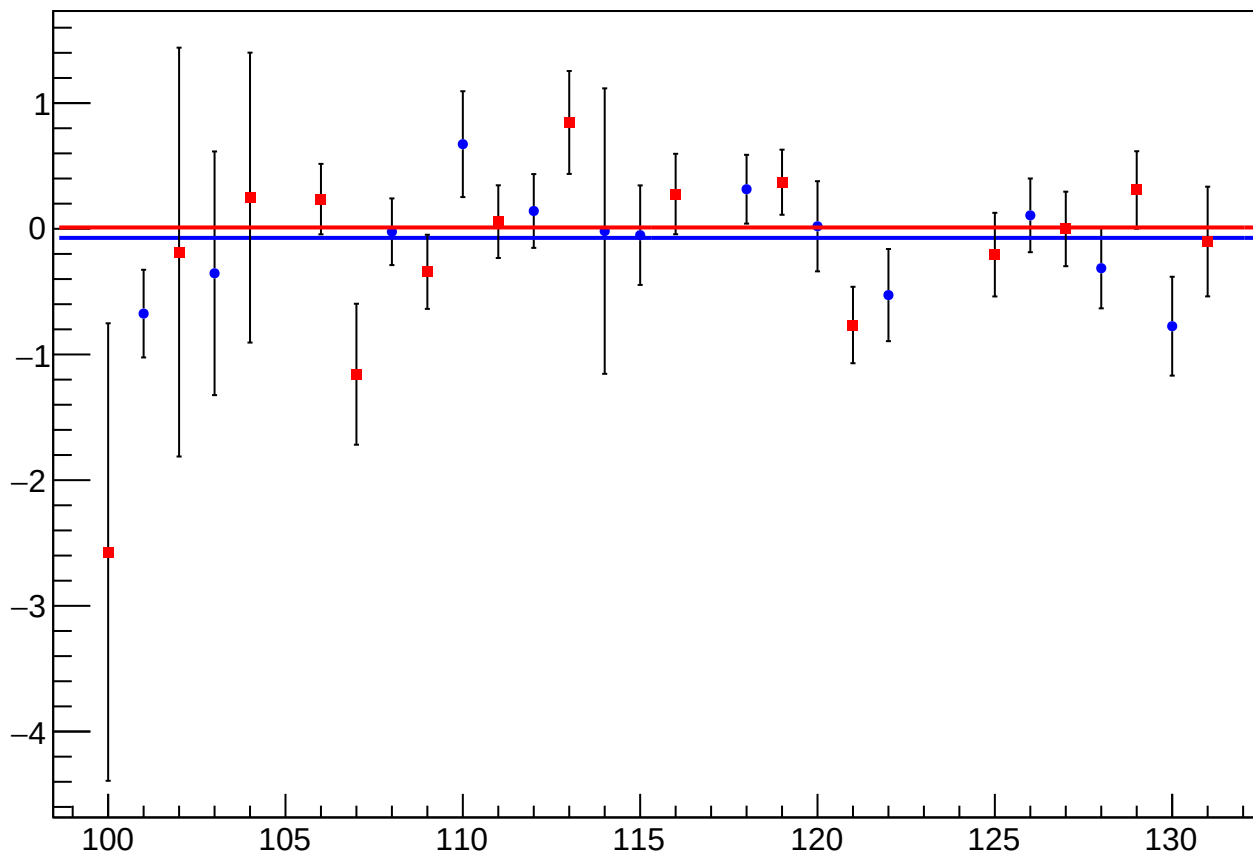
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 4438547.1/27

- 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: -0.072 $\pm$ 0.098 χ^2 /NDF: 14.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.010 $\pm$ 0.092 χ^2 /NDF: 23.2/14

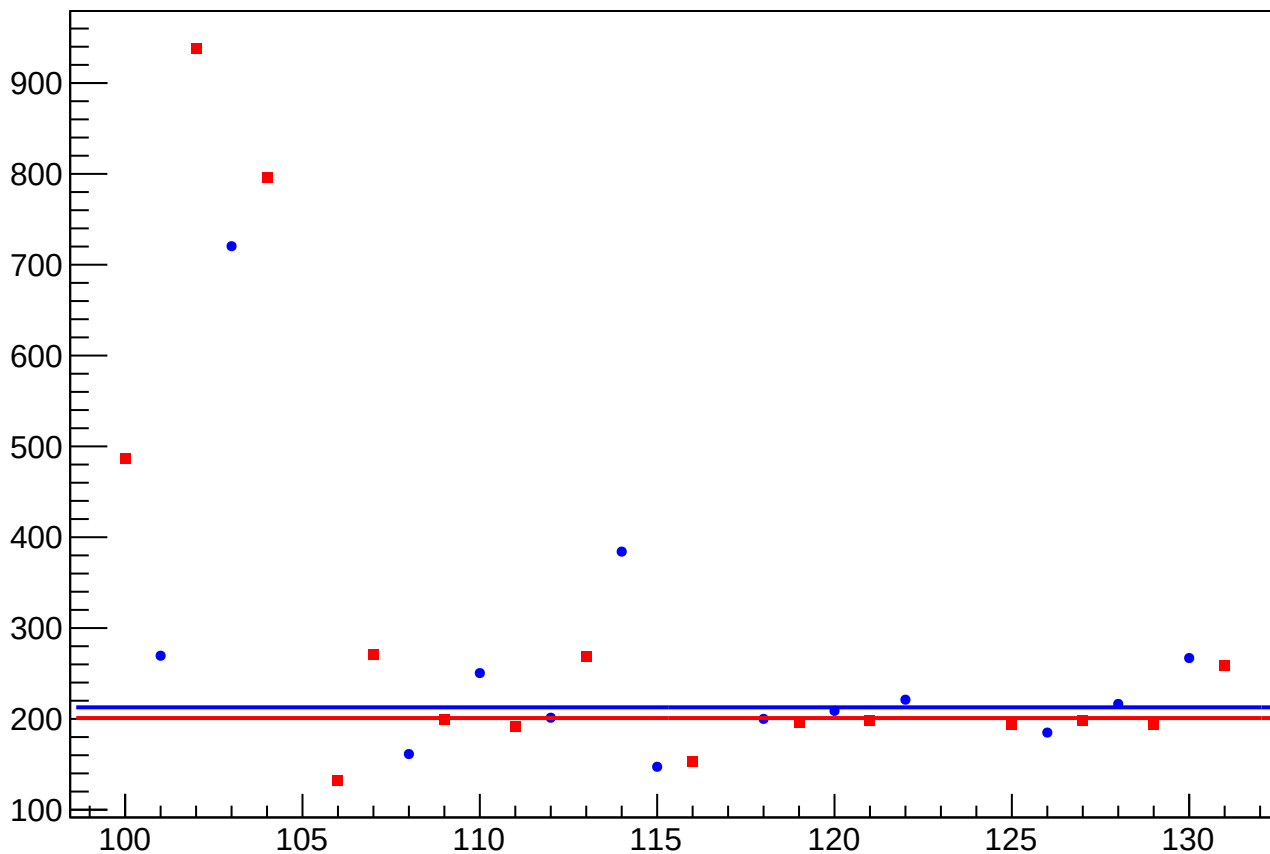
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.028 $\pm$ 0.067 χ^2 /NDF: 38.1/27

- 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: 212.724 $\pm$ 0.069 χ^2 /NDF: 857802.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 200.926 $\pm$ 0.065 χ^2 /NDF: 1284243.6/14

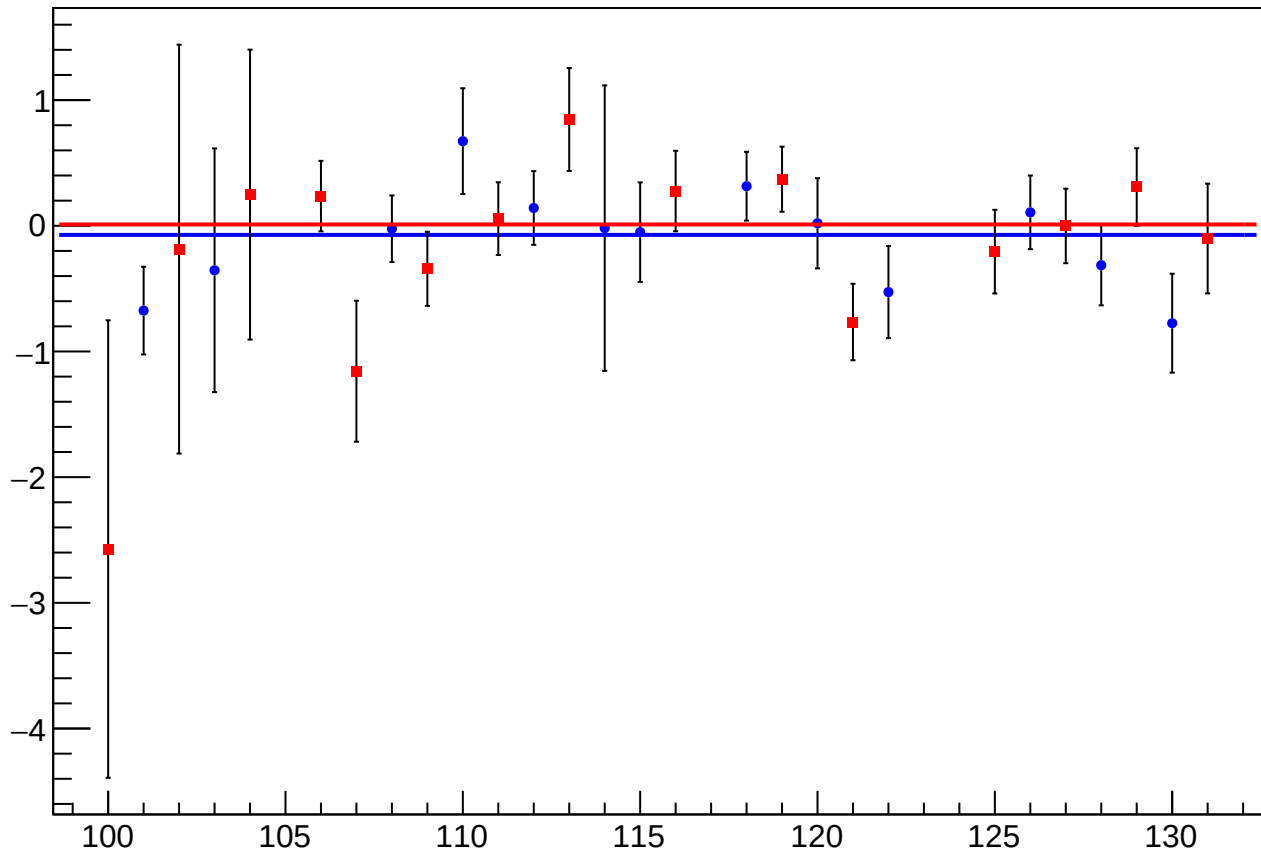
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 206.452 $\pm$ 0.047 χ^2 /NDF: 2157489.3/27

- sign 0.000 $\pm$ 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: -0.072 $\pm$ 0.098 χ^2 /NDF: 14.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.092 χ^2 /NDF: 23.2/14

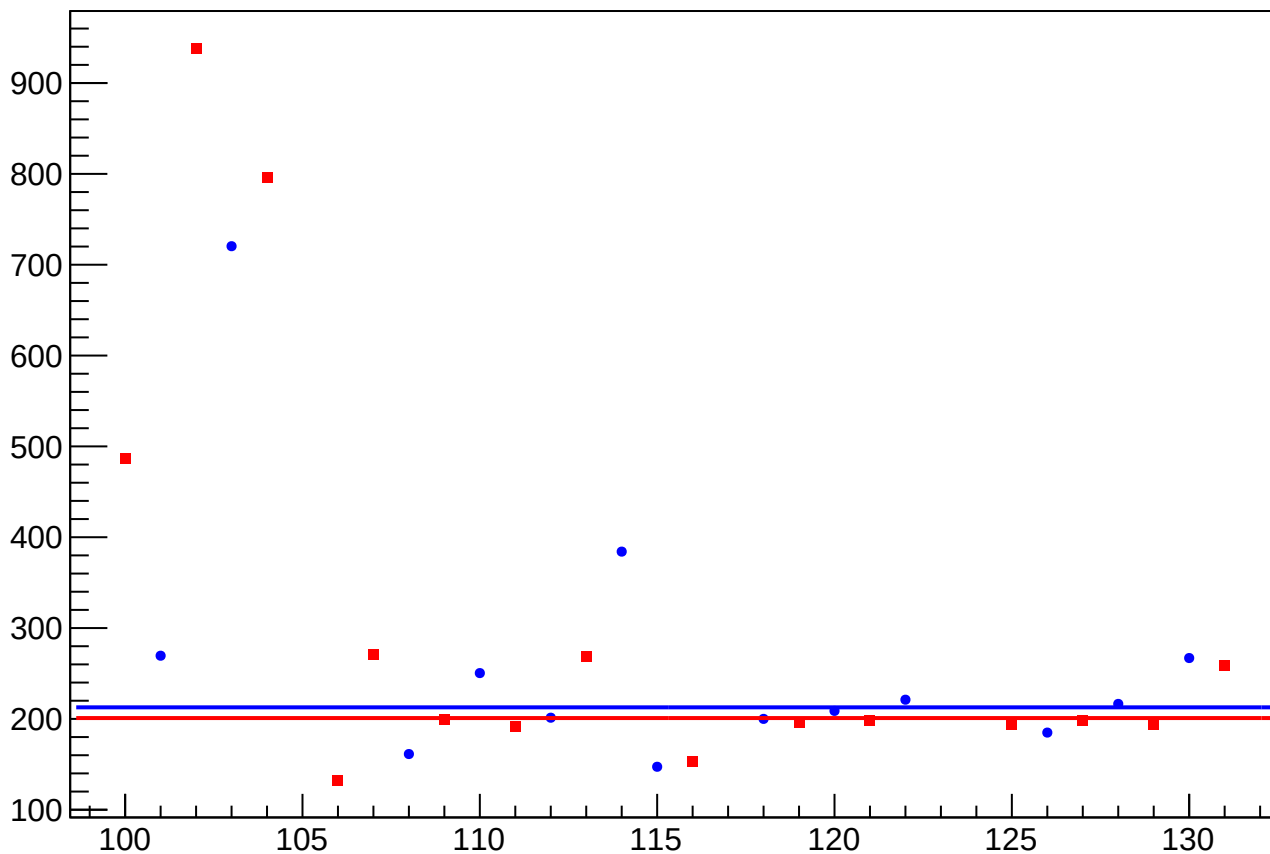
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.028 $\pm$ 0.067 χ^2 /NDF: 38.1/27

- sign 0.000 $\pm$ 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: 212.724+/-0.069 χ^2/NDF : 857802.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 200.926+/-0.065 χ^2/NDF : 1284243.6/14

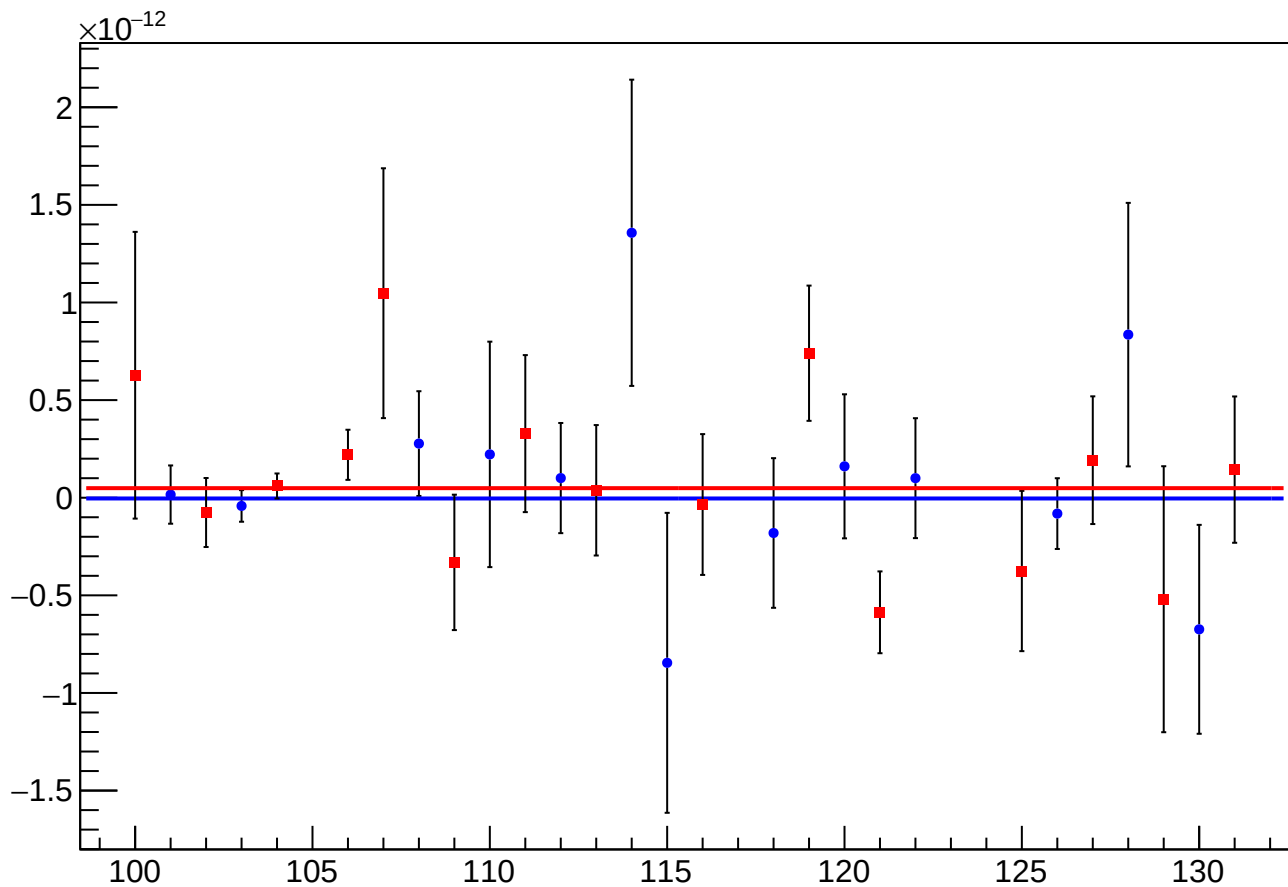
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.452+/-0.047 χ^2/NDF : 2157489.3/27

- sign 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 : 9.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 22.3/14

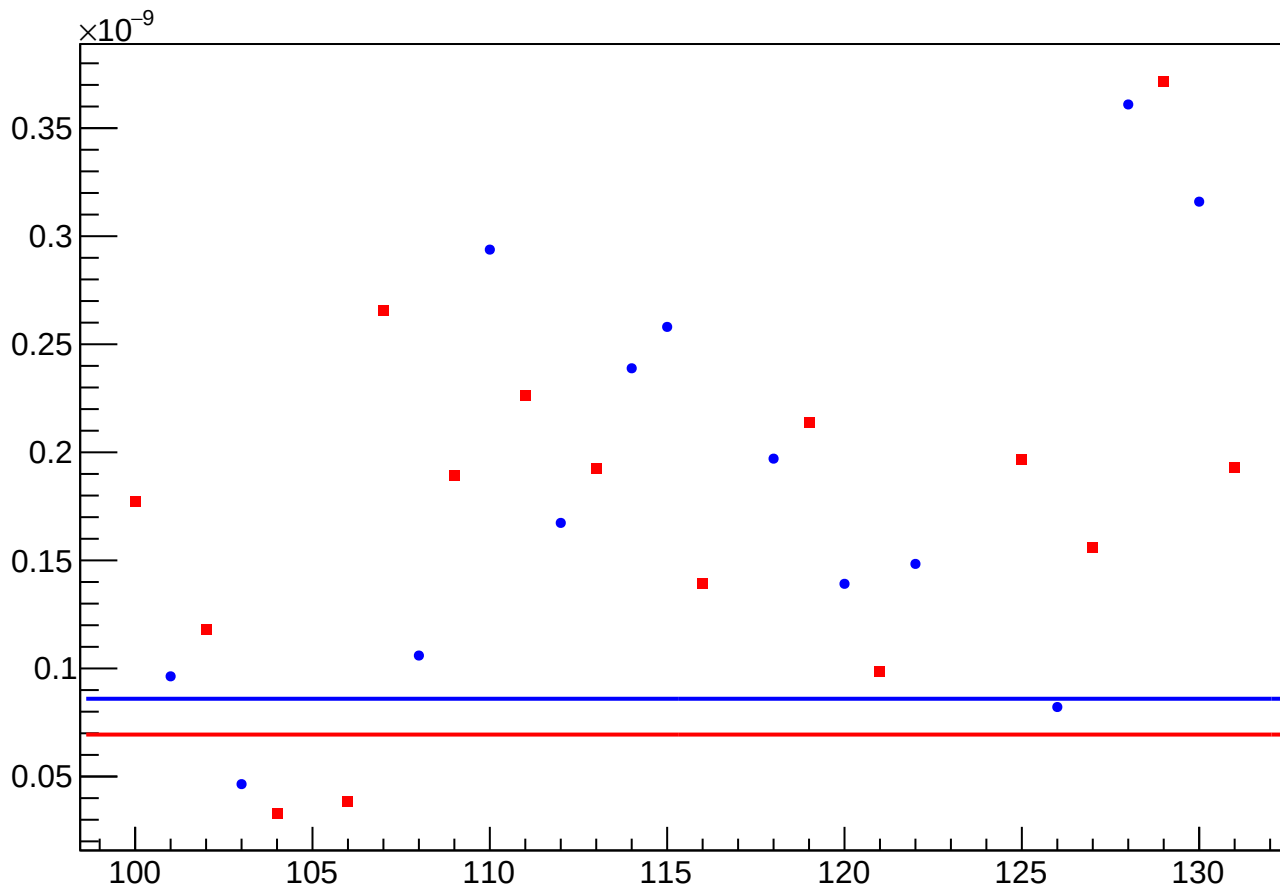
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.5/27

- 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 : 2093576.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3376715.4/14

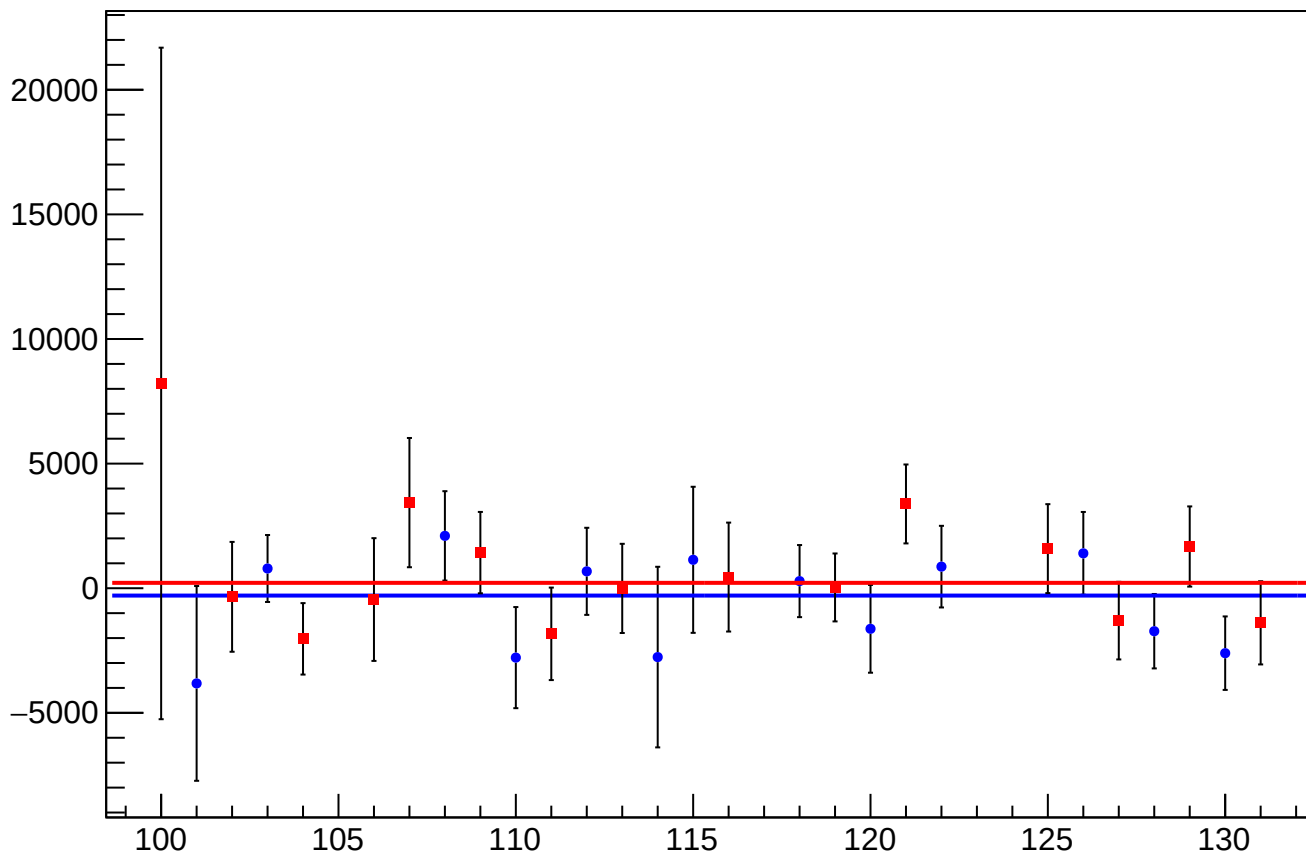
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5565444.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: -294.696+/-491.592 χ^2/NDF : 11.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 215.934+/-465.827 χ^2/NDF : 13.6/14

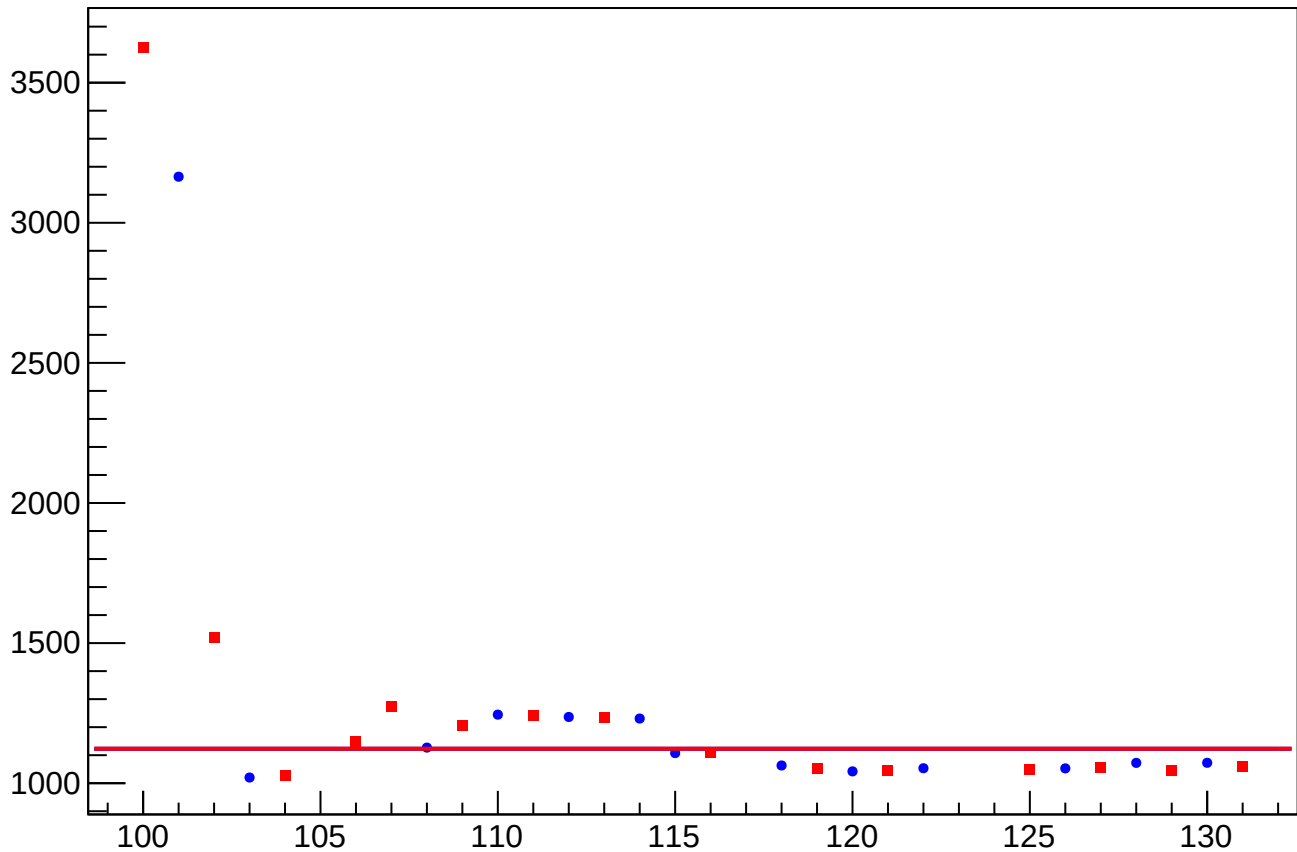
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.649+/-338.131 χ^2/NDF : 25.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1122.891+/-0.348 χ^2/NDF : 594414.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1123.119+/-0.329 χ^2/NDF : 196160.6/14

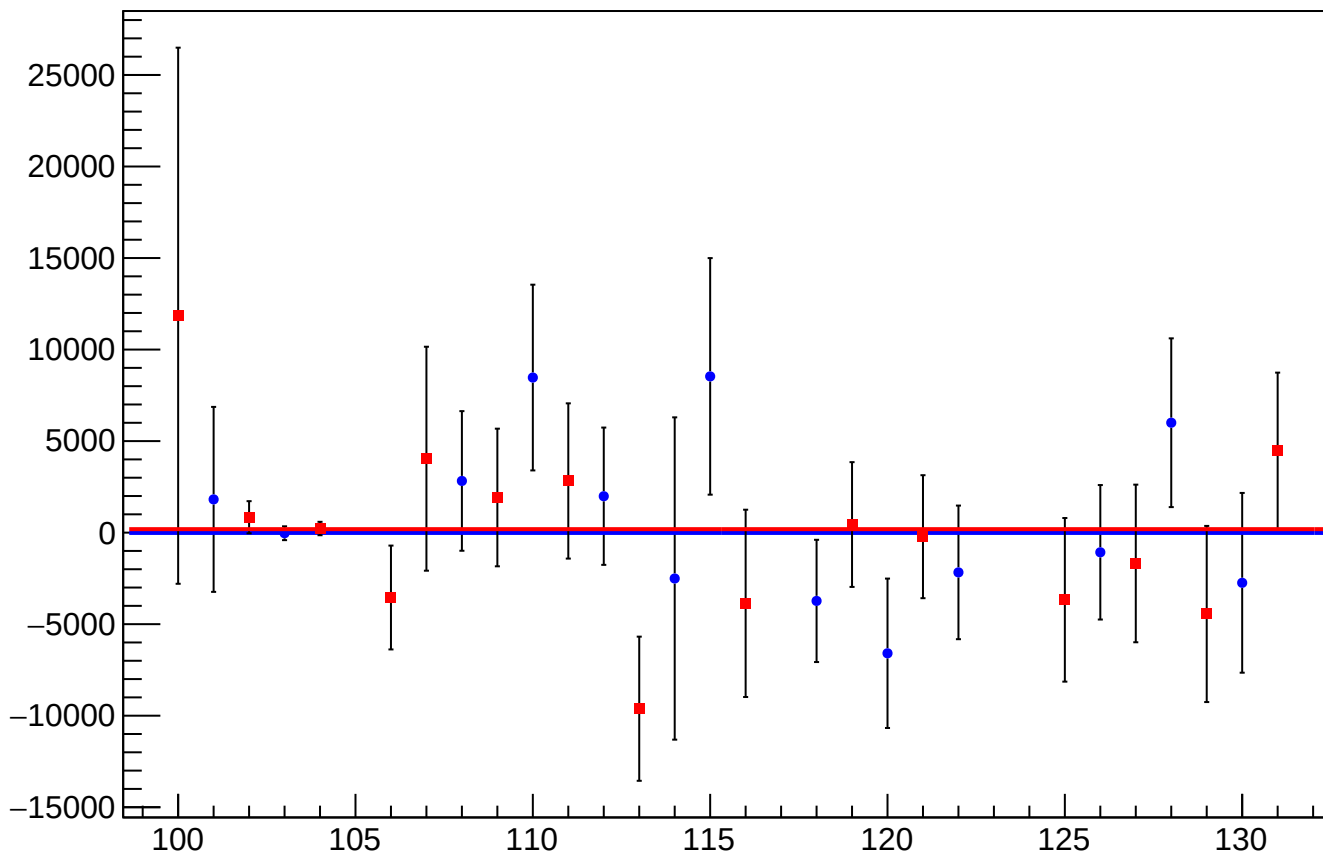
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1123.012+/-0.239 χ^2/NDF : 790575.7/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_reg_correction_mean vs Slug



Right In: -16.117+/-361.425 χ^2/NDF : 11.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 190.003+/-324.108 χ^2/NDF : 13.6/14

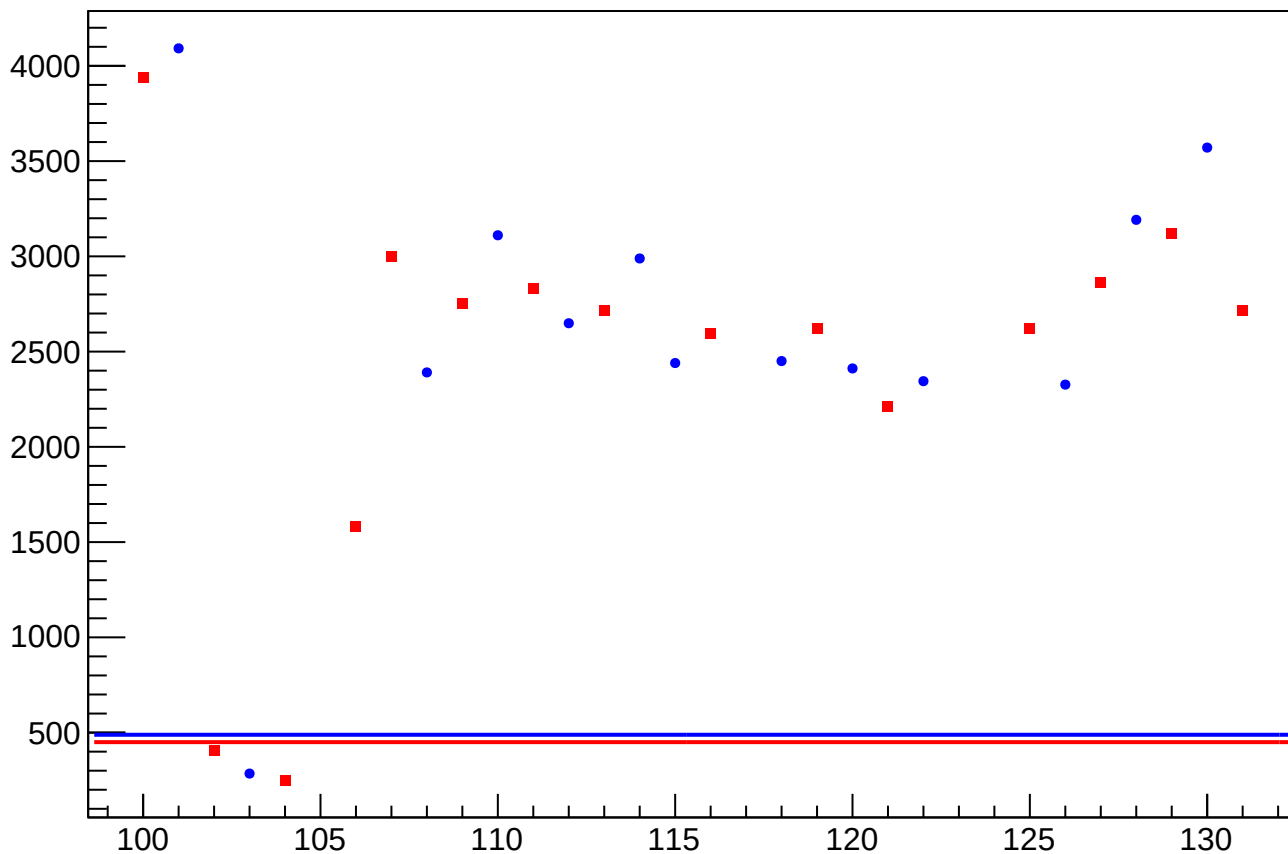
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.130+/-241.297 χ^2/NDF : 25.7/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_reg_correction_rms vs Slug



Right In: 488.597+/-0.256 χ^2/NDF : 7267252.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 449.931+/-0.229 χ^2/NDF : 7427901.6/14

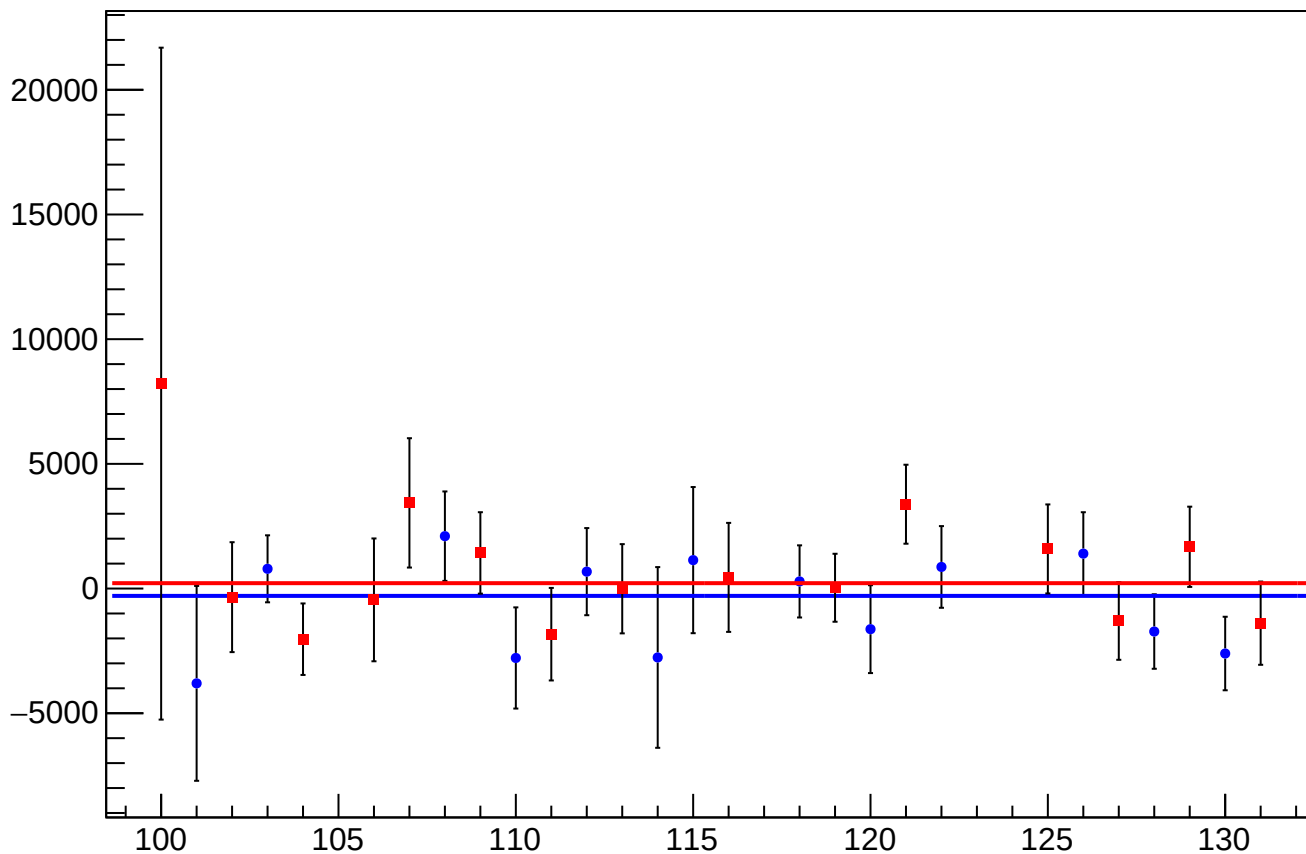
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 467.166+/-0.171 χ^2/NDF : 14707842.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: -294.424+/-491.592 χ^2/NDF : 11.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 215.756+/-465.827 χ^2/NDF : 13.6/14

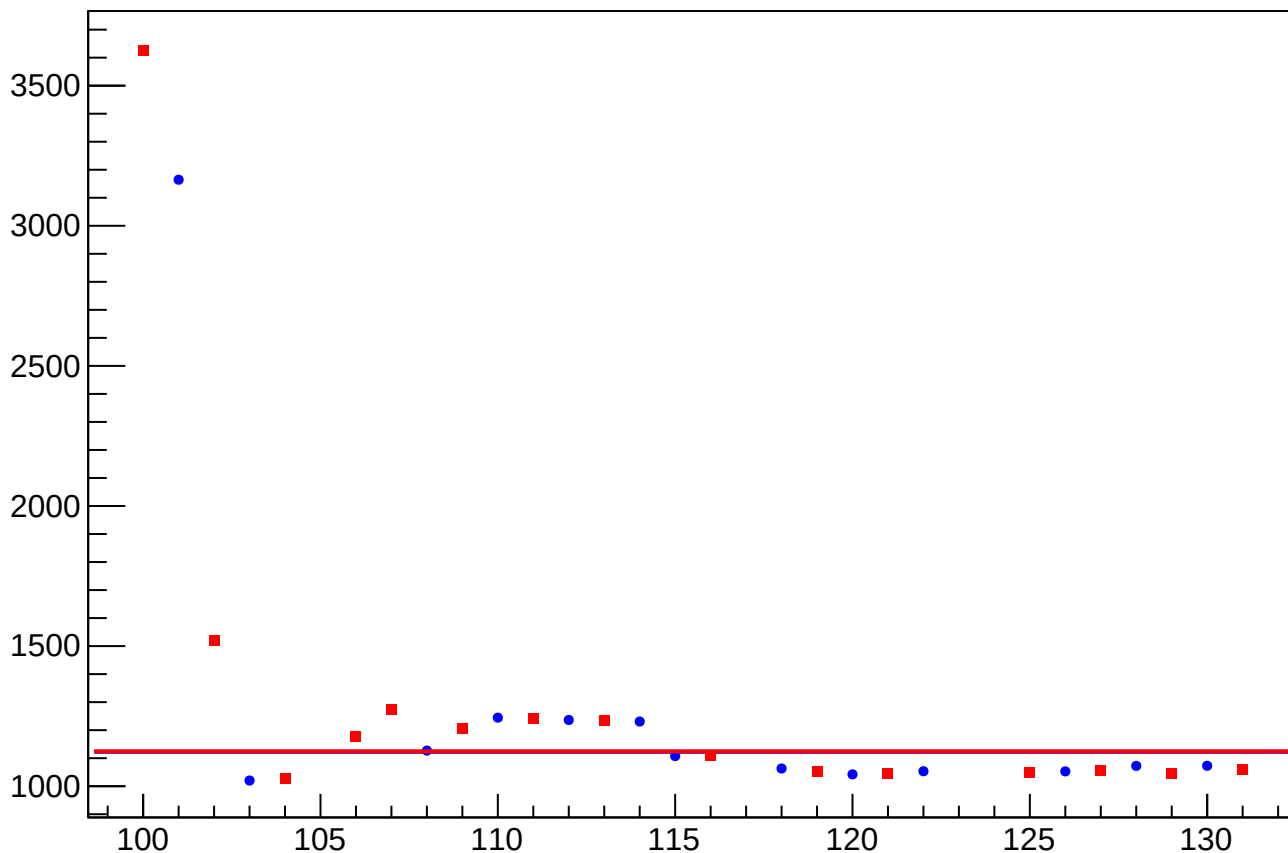
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.615+/-338.131 χ^2/NDF : 25.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1122.891+/-0.348 χ^2/NDF : 594415.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1124.199+/-0.329 χ^2/NDF : 196980.8/14

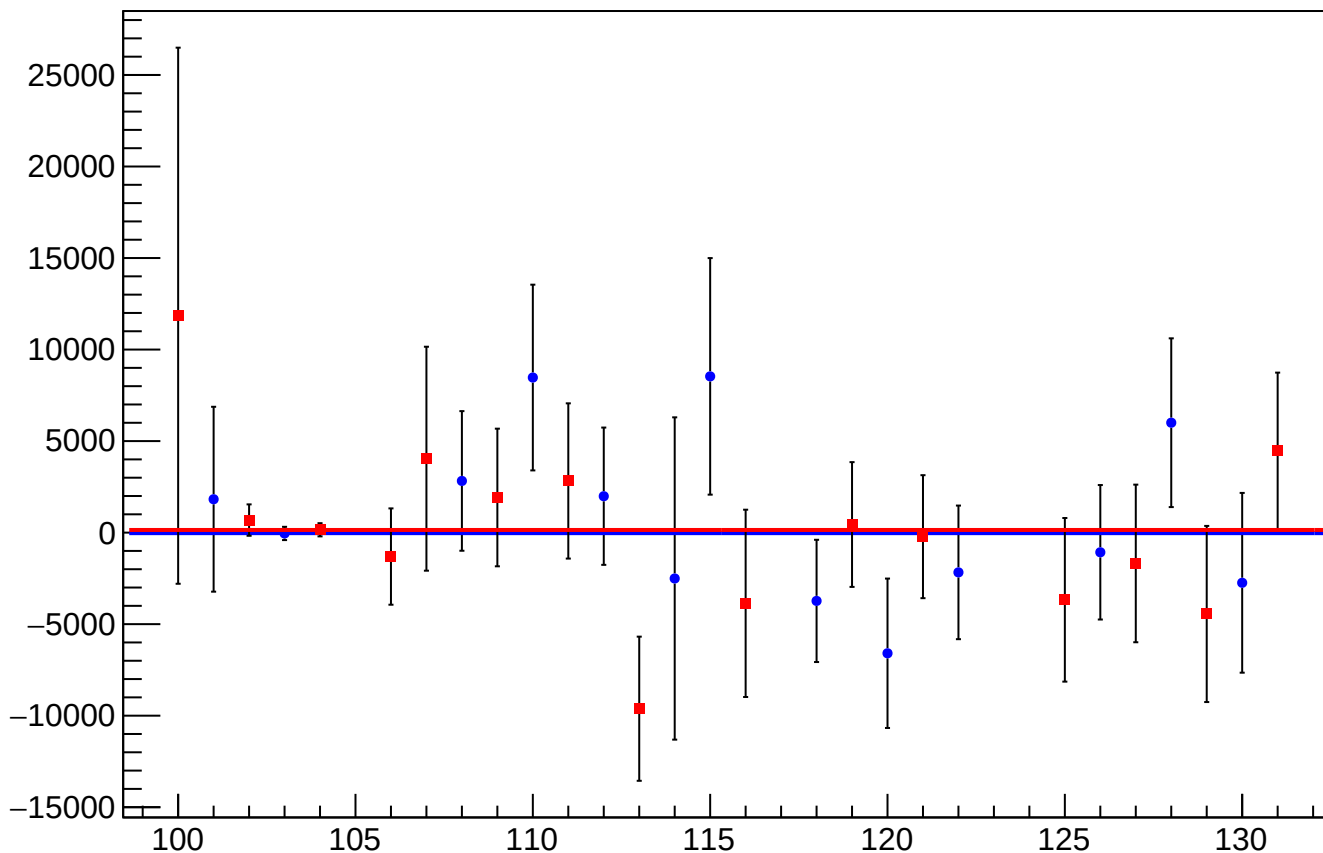
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1123.580+/-0.239 χ^2/NDF : 791404.2/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_cor_correction_mean vs Slug



Right In: -29.103 ± 347.895 χ^2/NDF : 11.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 144.537 ± 318.856 χ^2/NDF : 12.0/14

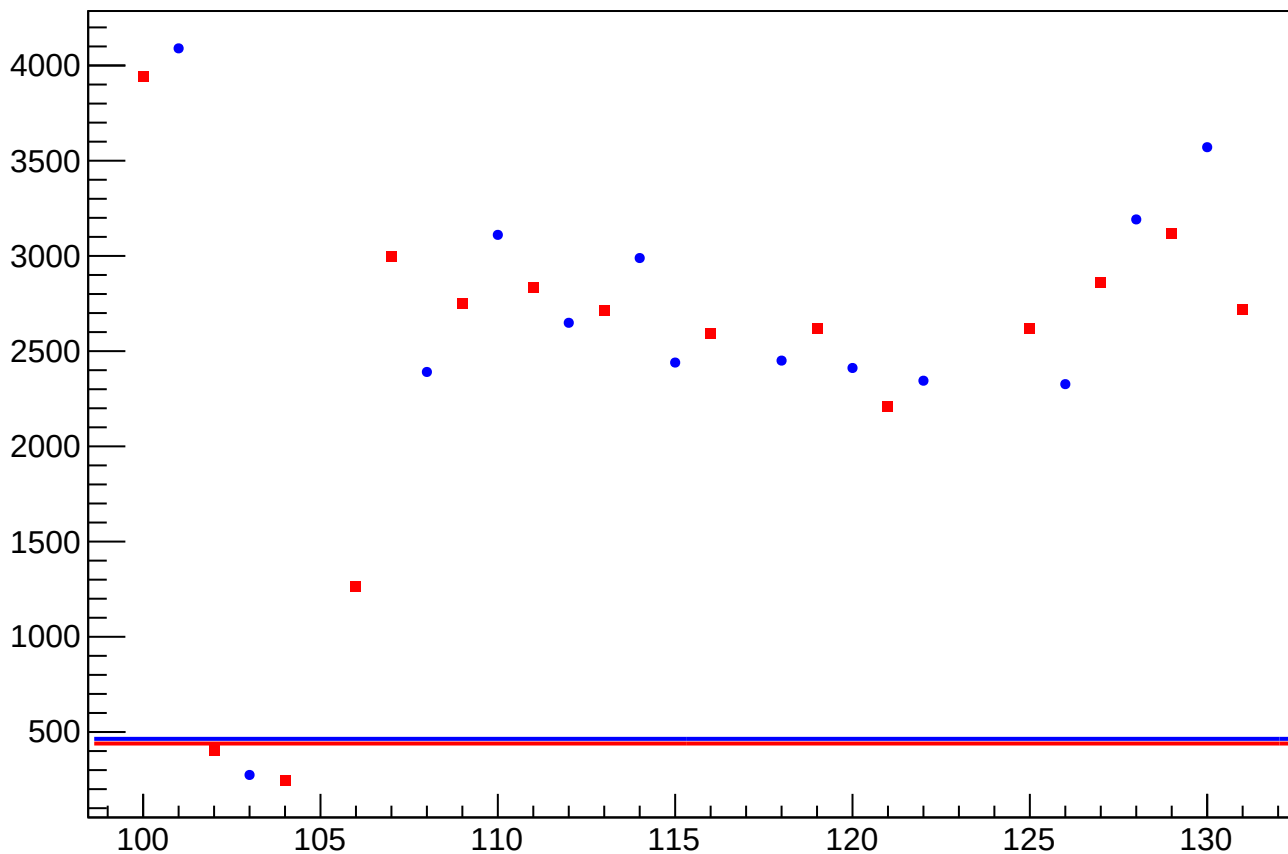
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 65.265 ± 235.062 χ^2/NDF : 24.0/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_cor_correction_rms vs Slug



Right In: 464.102+/-0.246 χ^2/NDF : 7373392.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 439.576+/-0.225 χ^2/NDF : 7339028.8/14

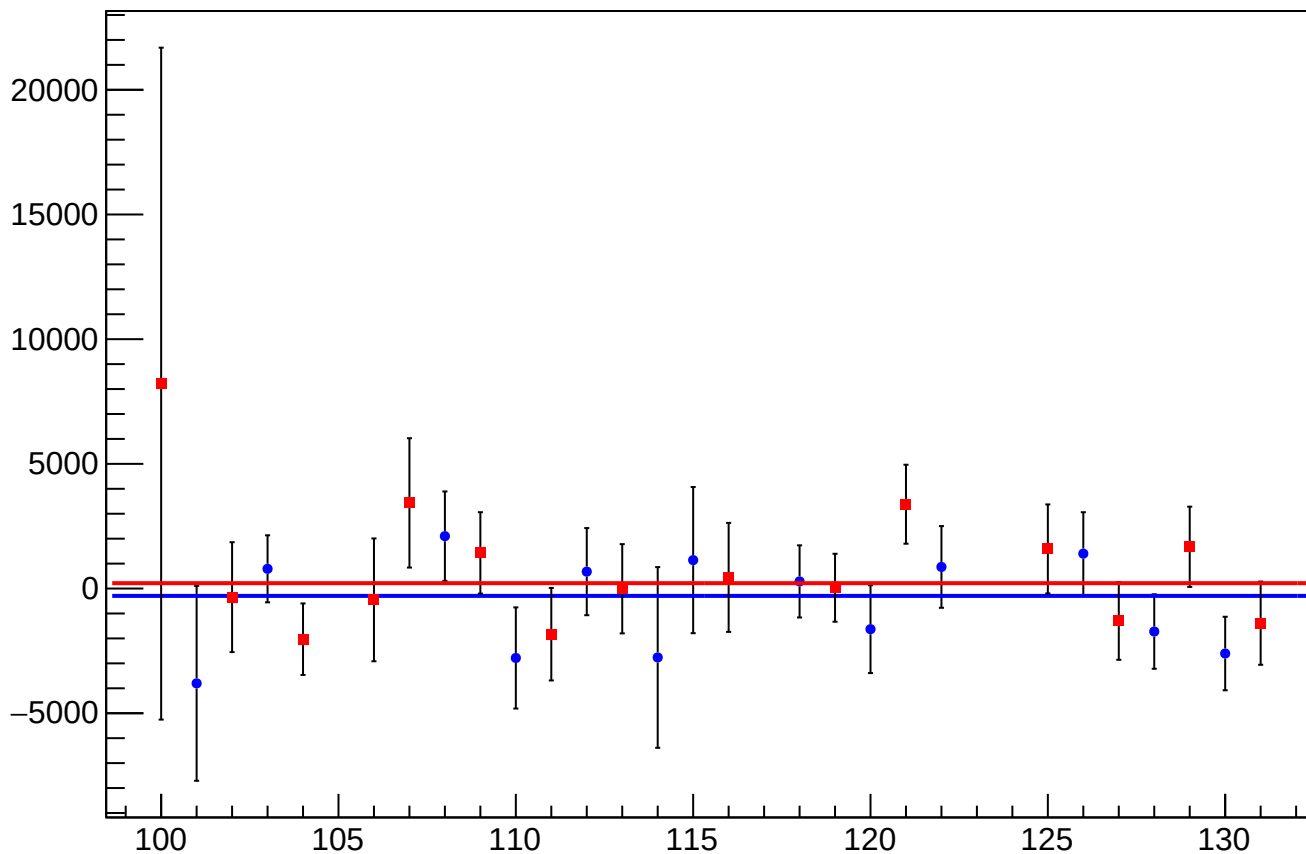
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 450.773+/-0.166 χ^2/NDF : 14717823.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: -294.424+/-491.592 χ^2/NDF : 11.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 215.756+/-465.827 χ^2/NDF : 13.6/14

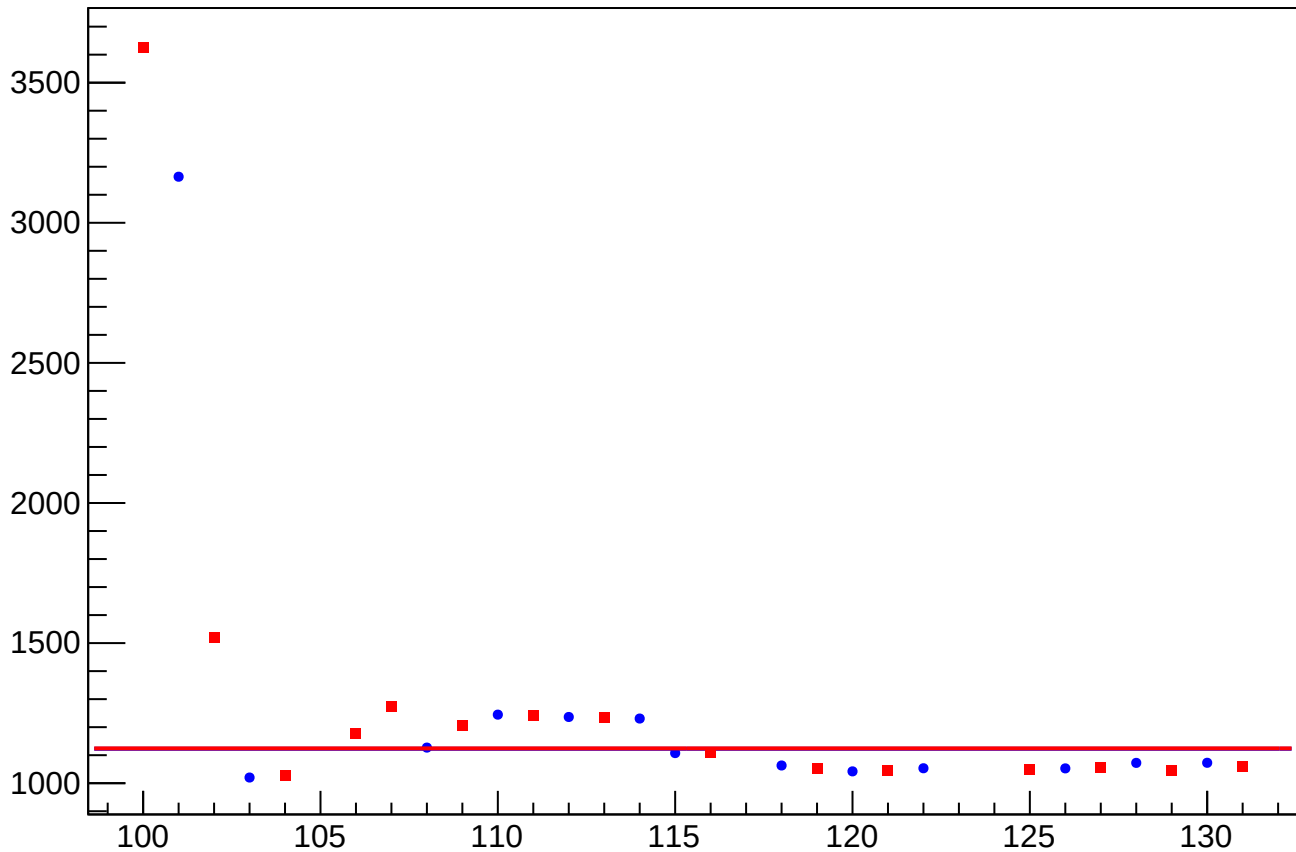
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.615+/-338.131 χ^2/NDF : 25.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1122.891+/-0.348 χ^2/NDF : 594415.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1124.199+/-0.329 χ^2/NDF : 196980.8/14

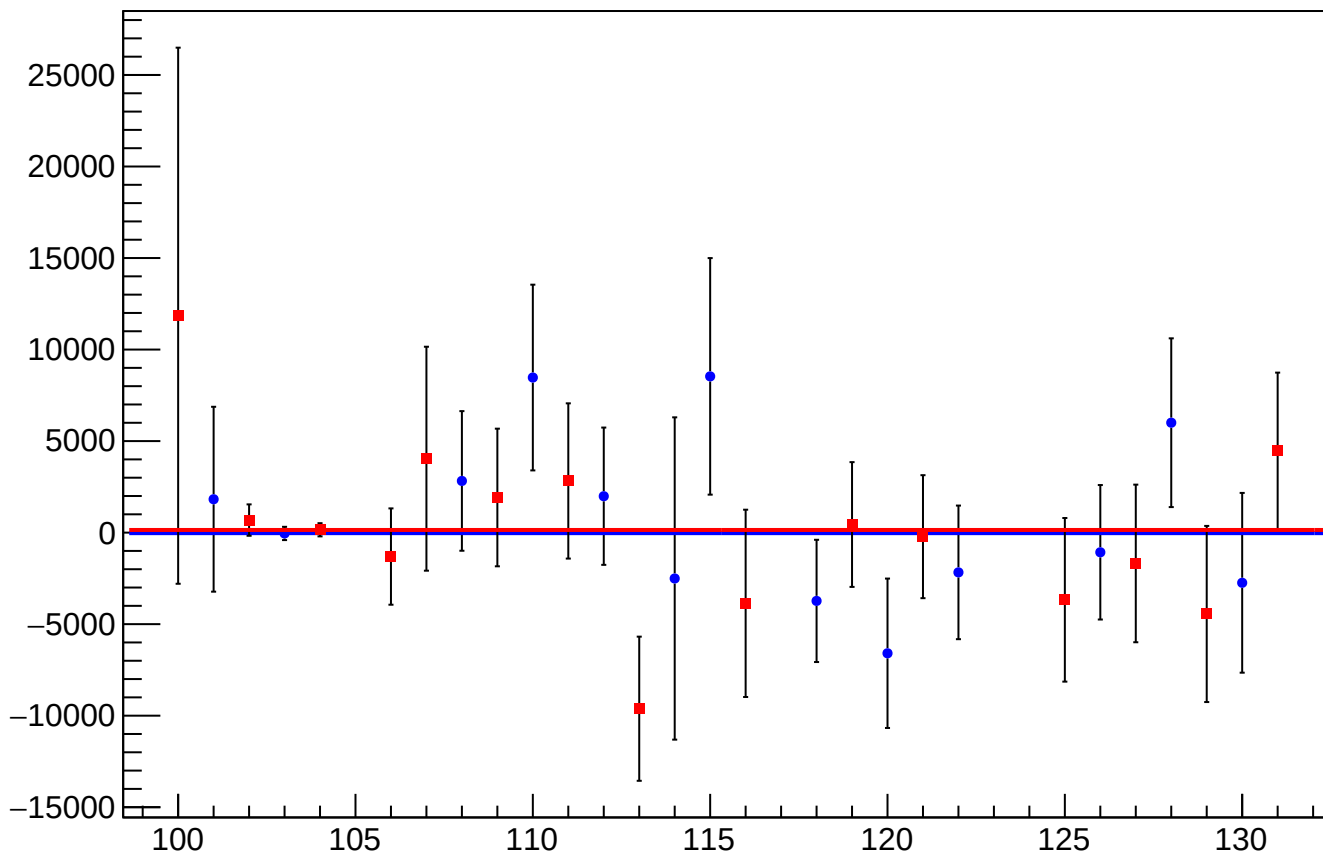
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1123.580+/-0.239 χ^2/NDF : 791404.2/27

- 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: -29.103 ± 347.895 χ^2/NDF : 11.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 144.537 ± 318.856 χ^2/NDF : 12.0/14

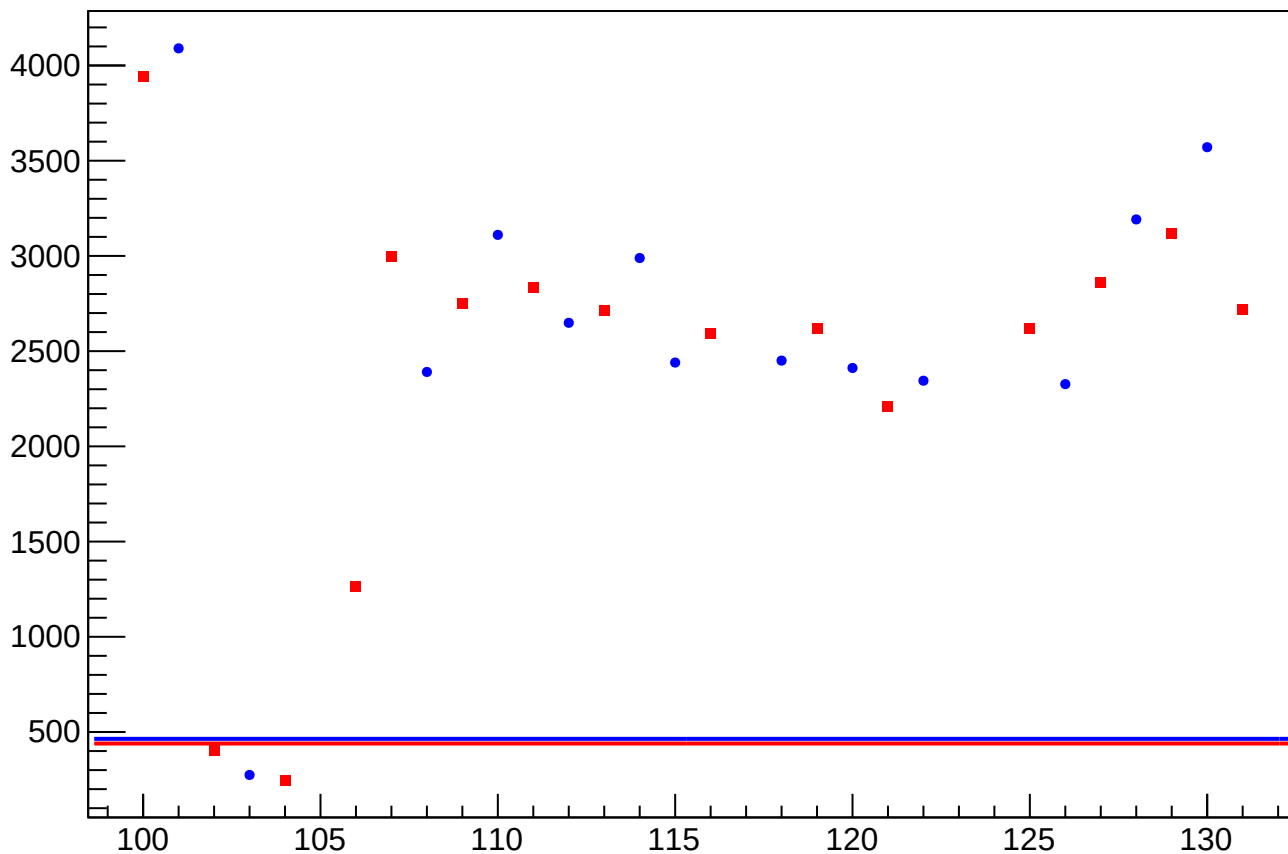
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 65.265 ± 235.062 χ^2/NDF : 24.0/27

- 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: 464.102+/-0.246 χ^2/NDF : 7373392.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 439.576+/-0.225 χ^2/NDF : 7339028.8/14

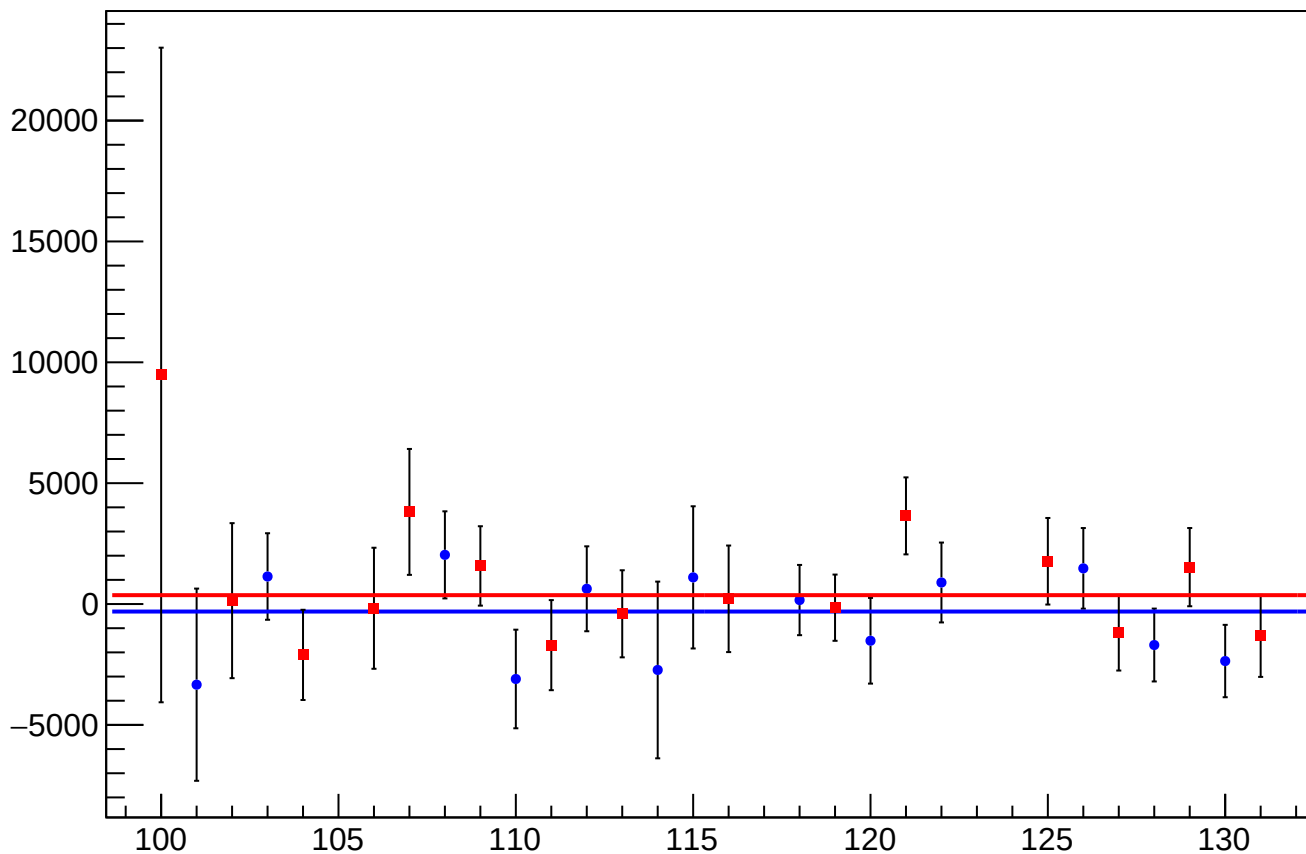
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 450.773+/-0.166 χ^2/NDF : 14717823.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: -310.362+/-510.138 χ^2/NDF : 10.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 367.231+/-485.274 χ^2/NDF : 13.5/14

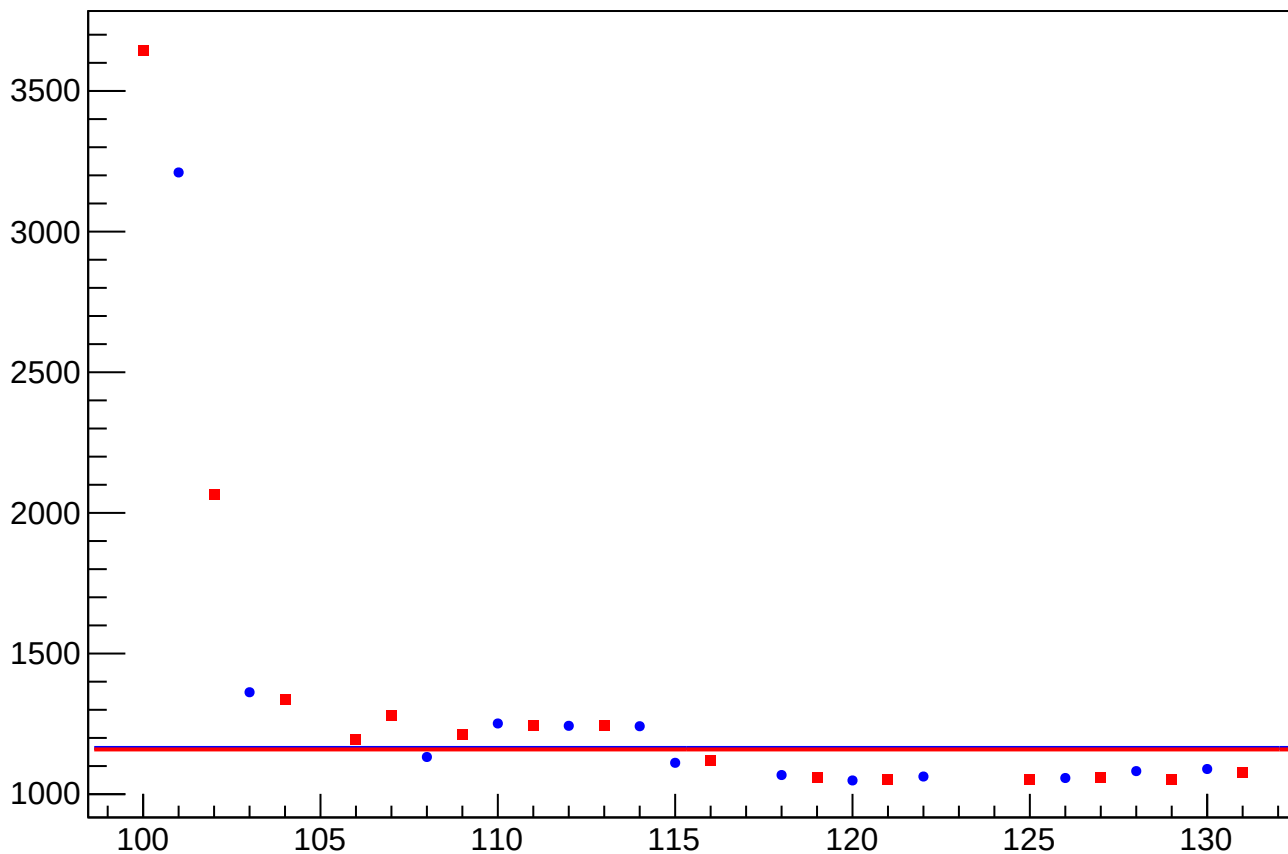
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.349+/-351.602 χ^2/NDF : 25.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1164.338+/-0.361 χ^2/NDF : 607931.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1159.068+/-0.343 χ^2/NDF : 310318.6/14

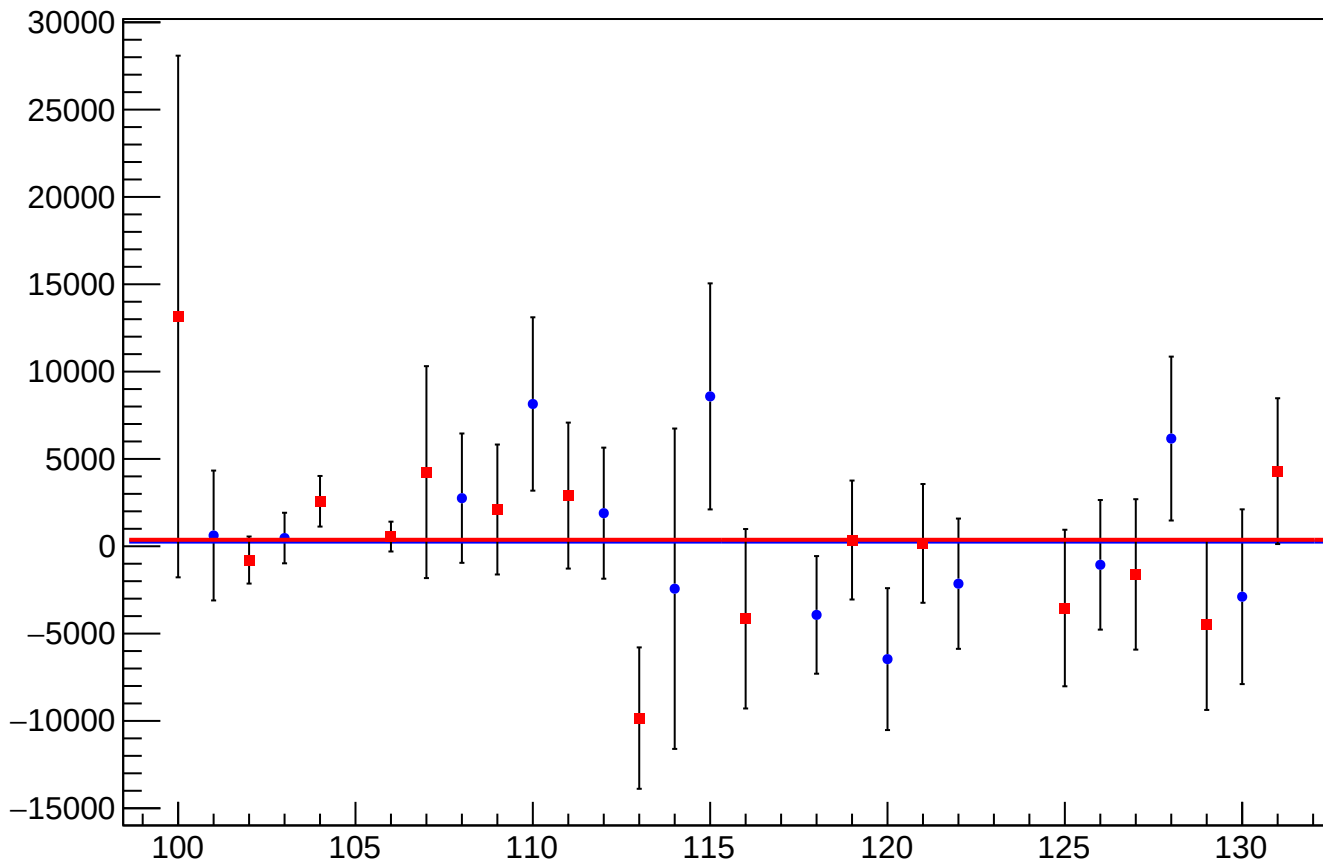
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1161.570+/-0.249 χ^2/NDF : 918361.7/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_dit_correction_mean vs Slug



Right In: 266.716+/-933.068 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 370.574+/-573.999 χ^2/NDF : 14.8/14

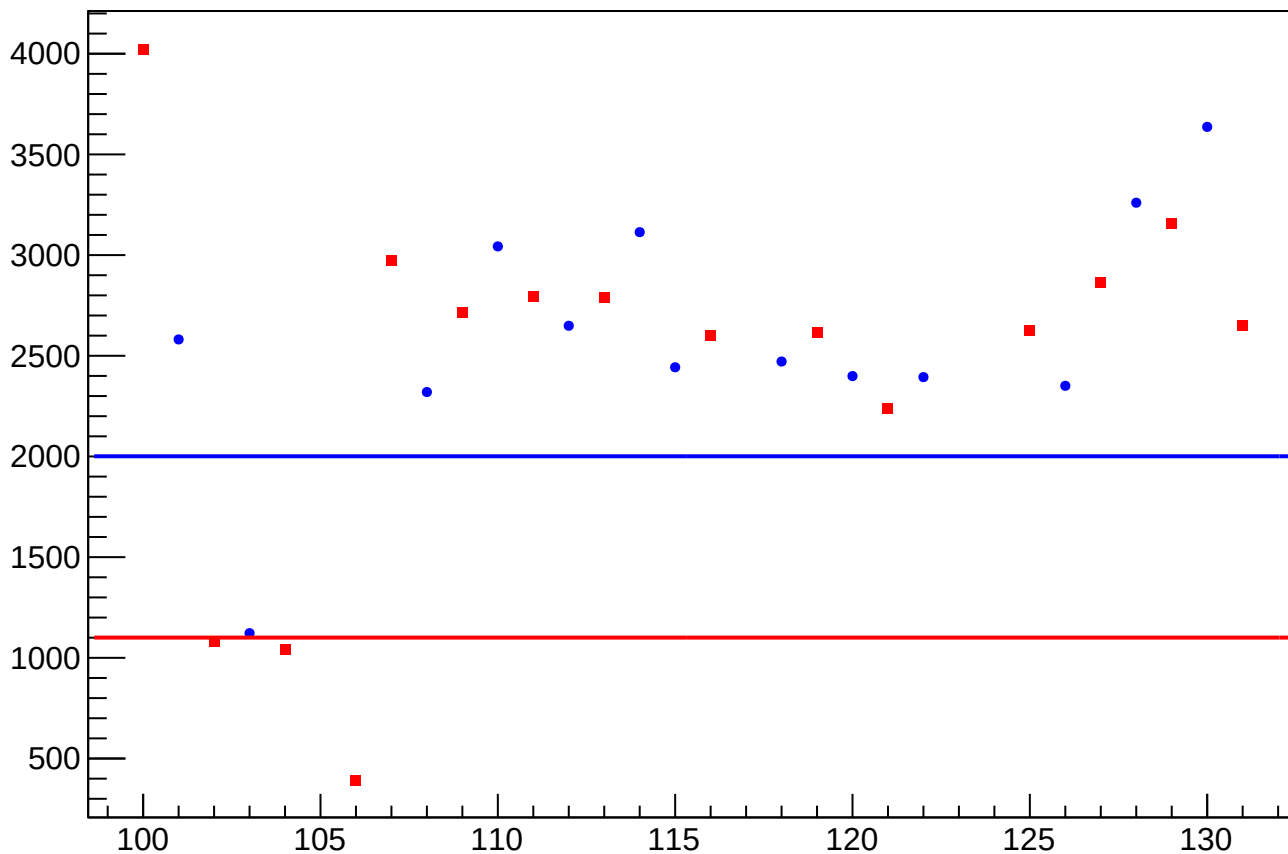
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.060+/-488.897 χ^2/NDF : 26.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_dit_correction_rms vs Slug



Right In: 2000.963+/-0.660 χ^2/NDF : 1442965.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

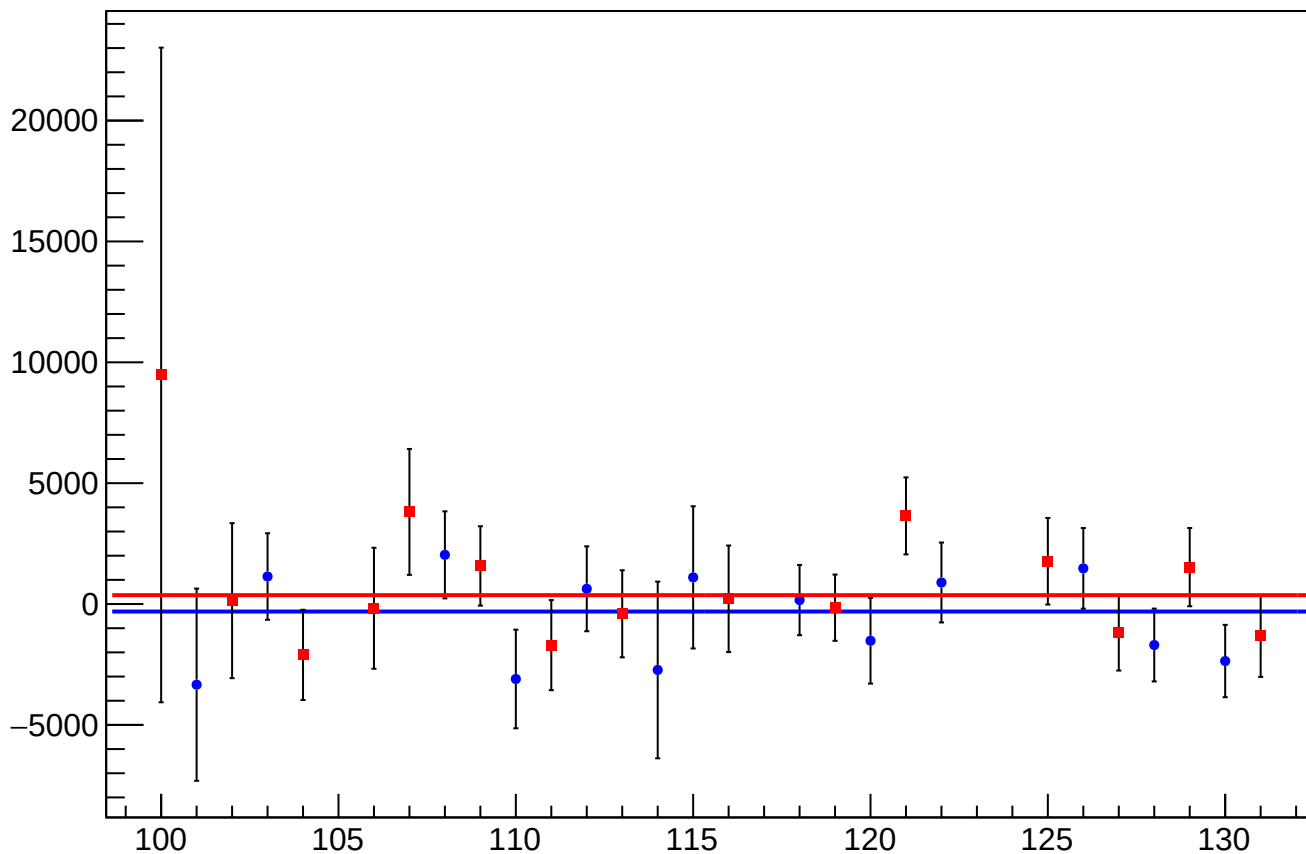
Right Out: 1100.523+/-0.406 χ^2/NDF : 4698736.2/14

All: 1347.731+/-0.346 χ^2/NDF : 7492922.3/27

- 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: -310.362+/-510.138 χ^2/NDF : 10.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 367.236+/-485.274 χ^2/NDF : 13.5/14

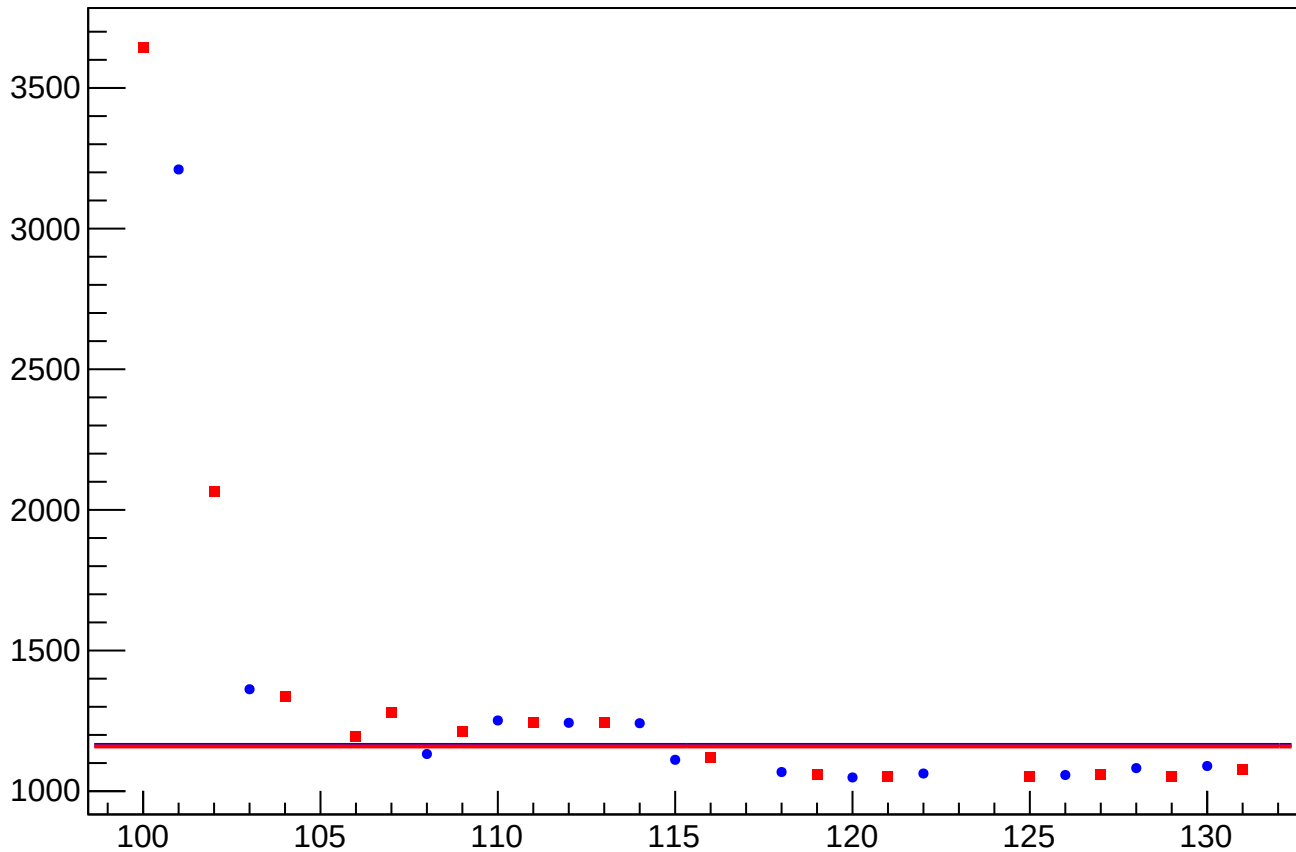
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.351+/-351.602 χ^2/NDF : 25.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1164.338+/-0.361 χ^2/NDF : 607931.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

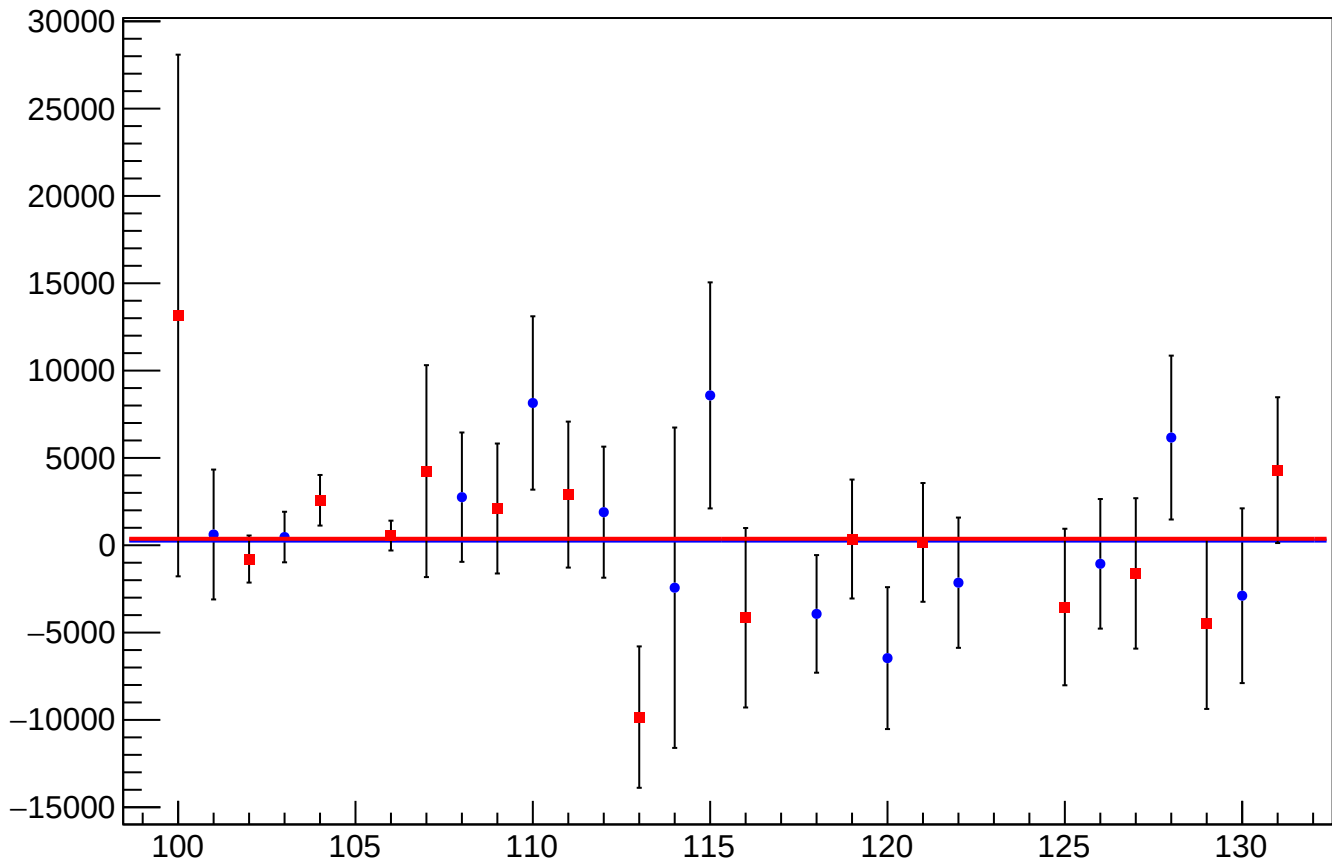
Right Out: 1159.068+/-0.343 χ^2/NDF : 310318.3/14

All: 1161.570+/-0.249 χ^2/NDF : 918361.6/27

- 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_eigen_dit_correction_mean vs Slug



Right In: 266.712+/-933.066 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 370.575+/-573.992 χ^2/NDF : 14.8/14

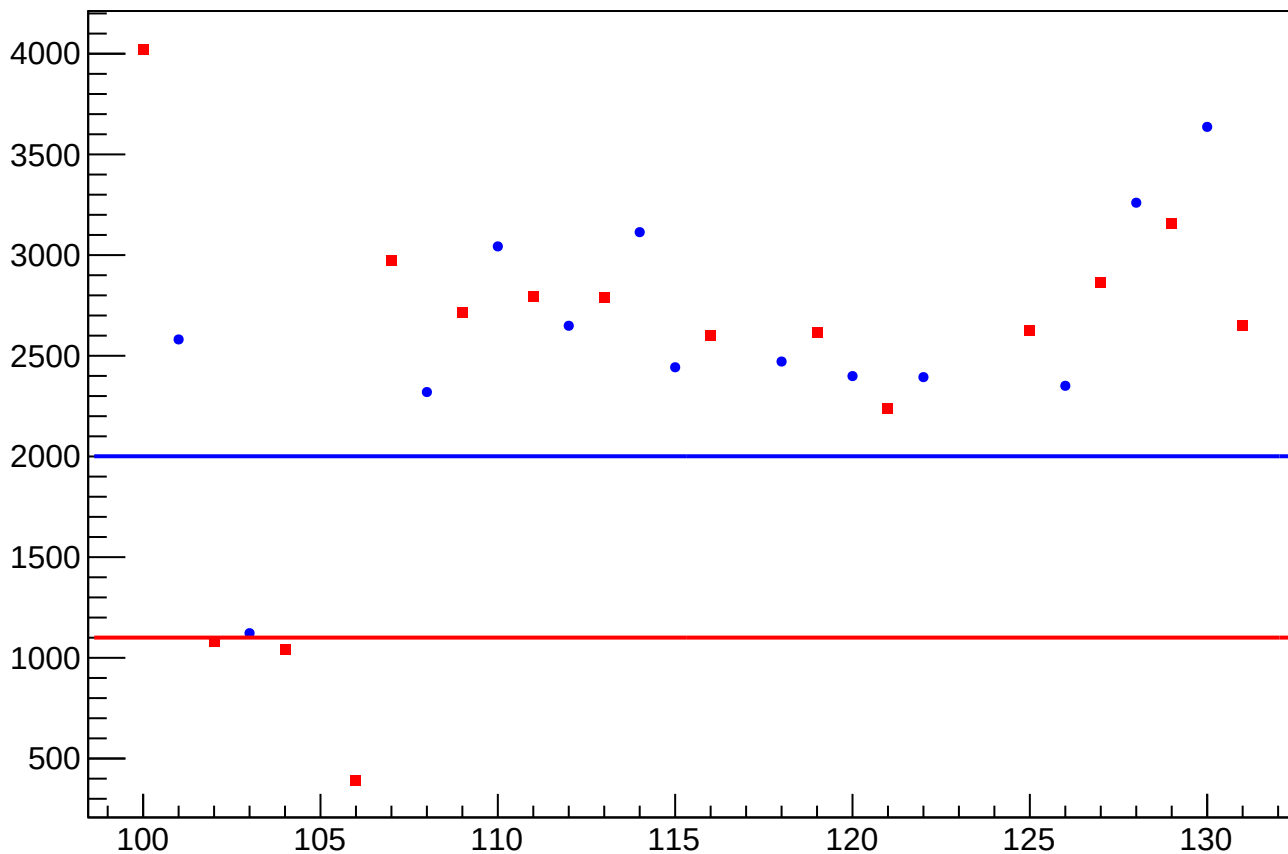
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.061+/-488.892 χ^2/NDF : 26.6/27

- 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: 2000.960+/-0.660 χ^2/NDF : 1442957.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1100.501+/-0.406 χ^2/NDF : 4698843.0/14

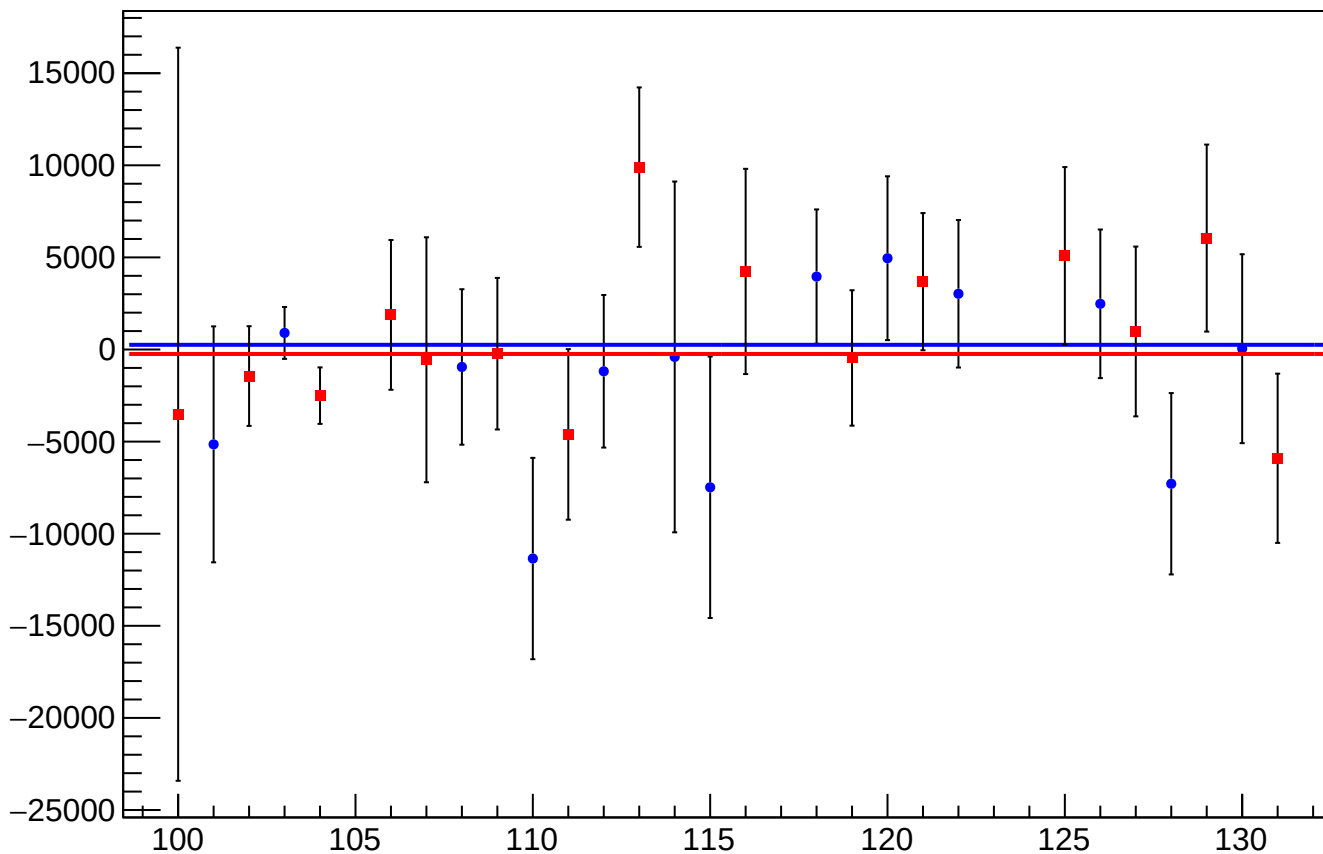
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1347.711+/-0.346 χ^2/NDF : 7493091.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: 254.499+/-982.441 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -242.414+/-927.987 χ^2/NDF : 15.2/14

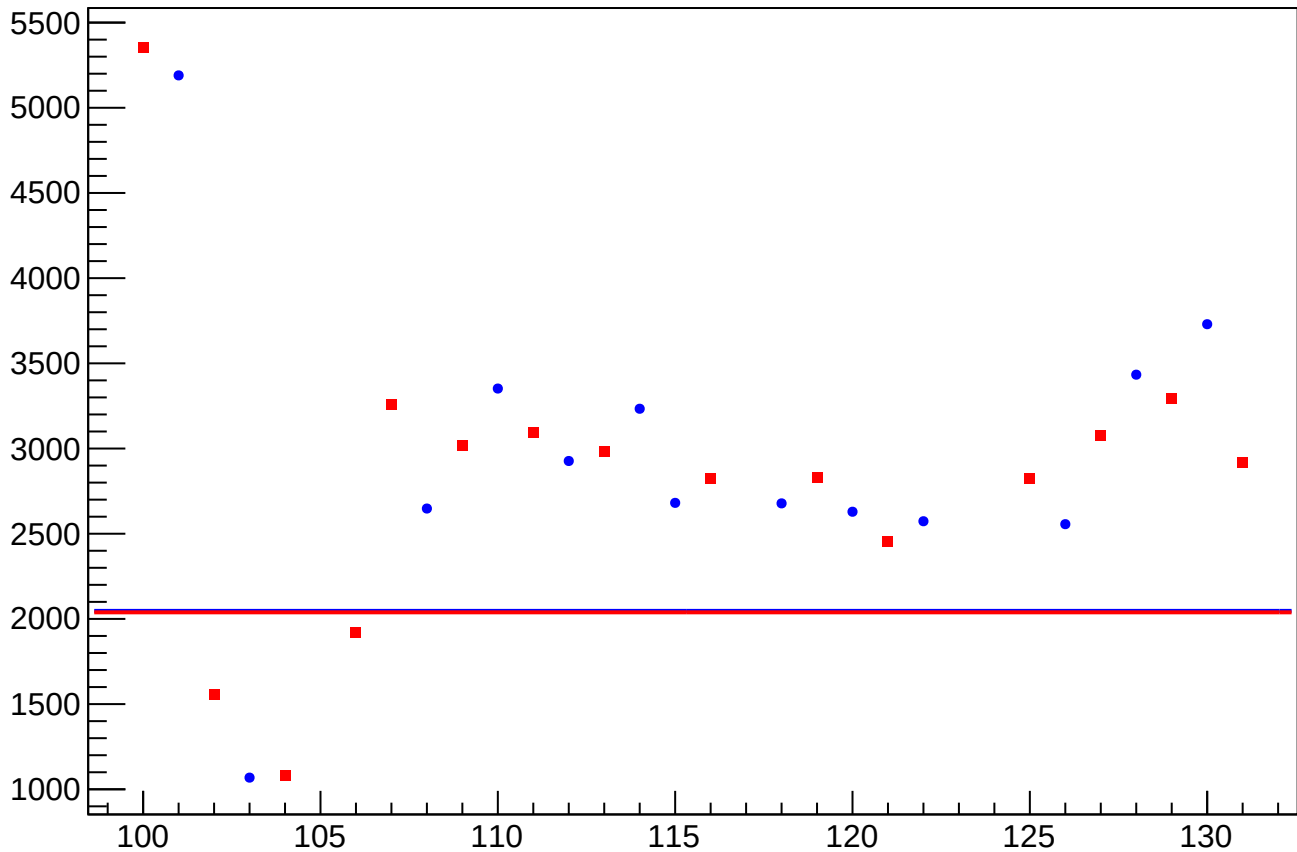
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.109+/-674.615 χ^2/NDF : 27.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 2047.062+/-0.695 χ^2/NDF : 2273324.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2038.632+/-0.655 χ^2/NDF : 1785753.2/14

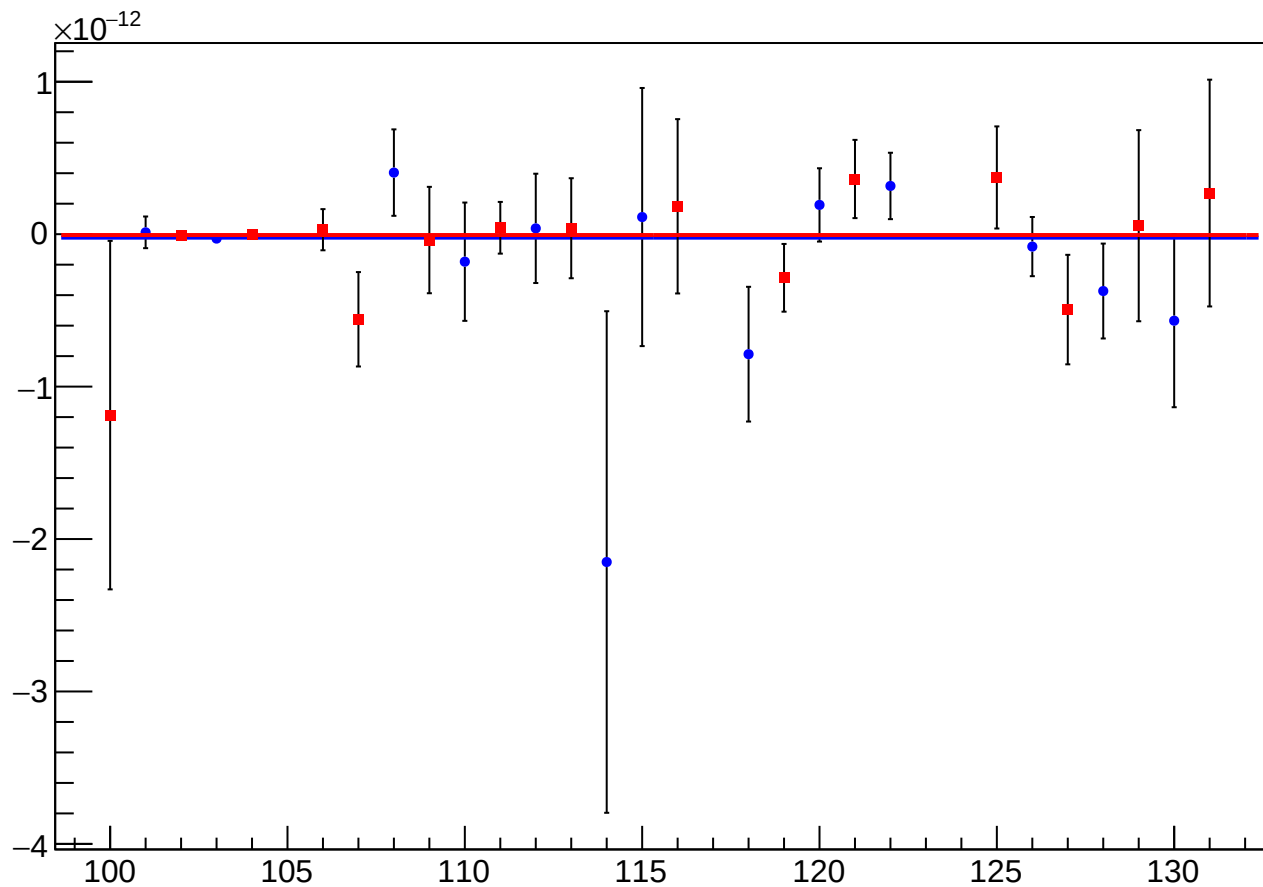
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2042.596+/-0.476 χ^2/NDF : 4059156.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 12.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 11.5/14

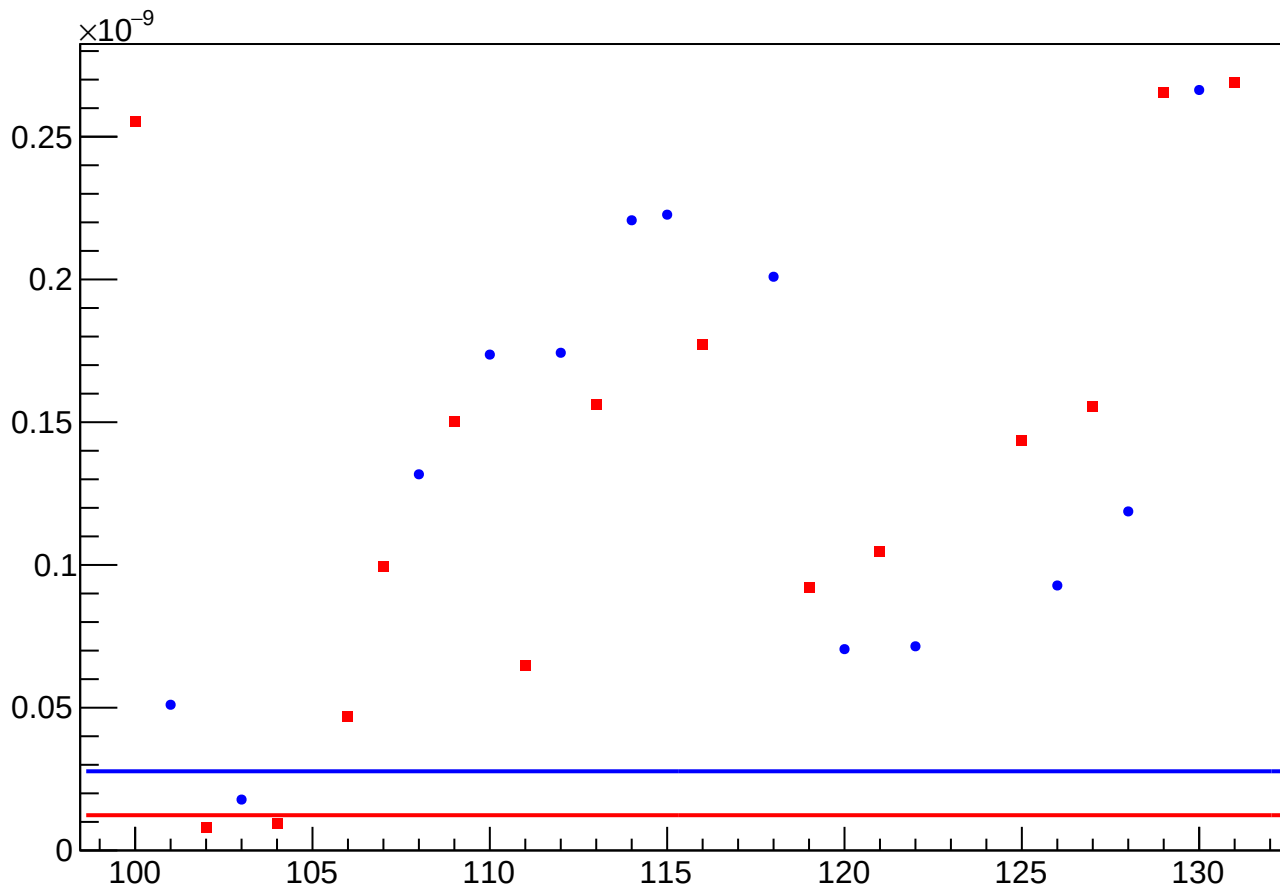
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 24.6/27

- 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 : 2556314.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3239716.6/14

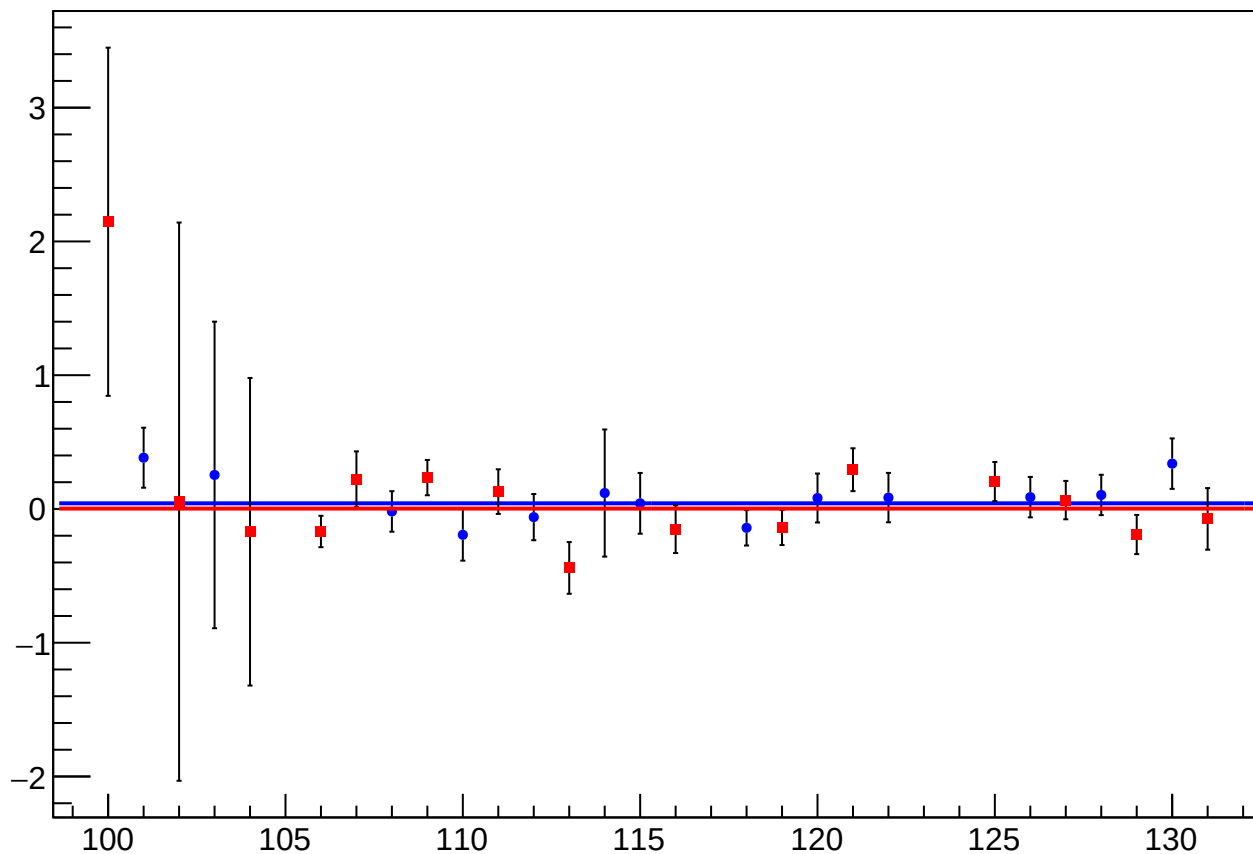
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6300132.0/27

- 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: 0.042 $\pm$ 0.051 χ^2 /NDF: 9.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.003 $\pm$ 0.044 χ^2 /NDF: 24.1/14

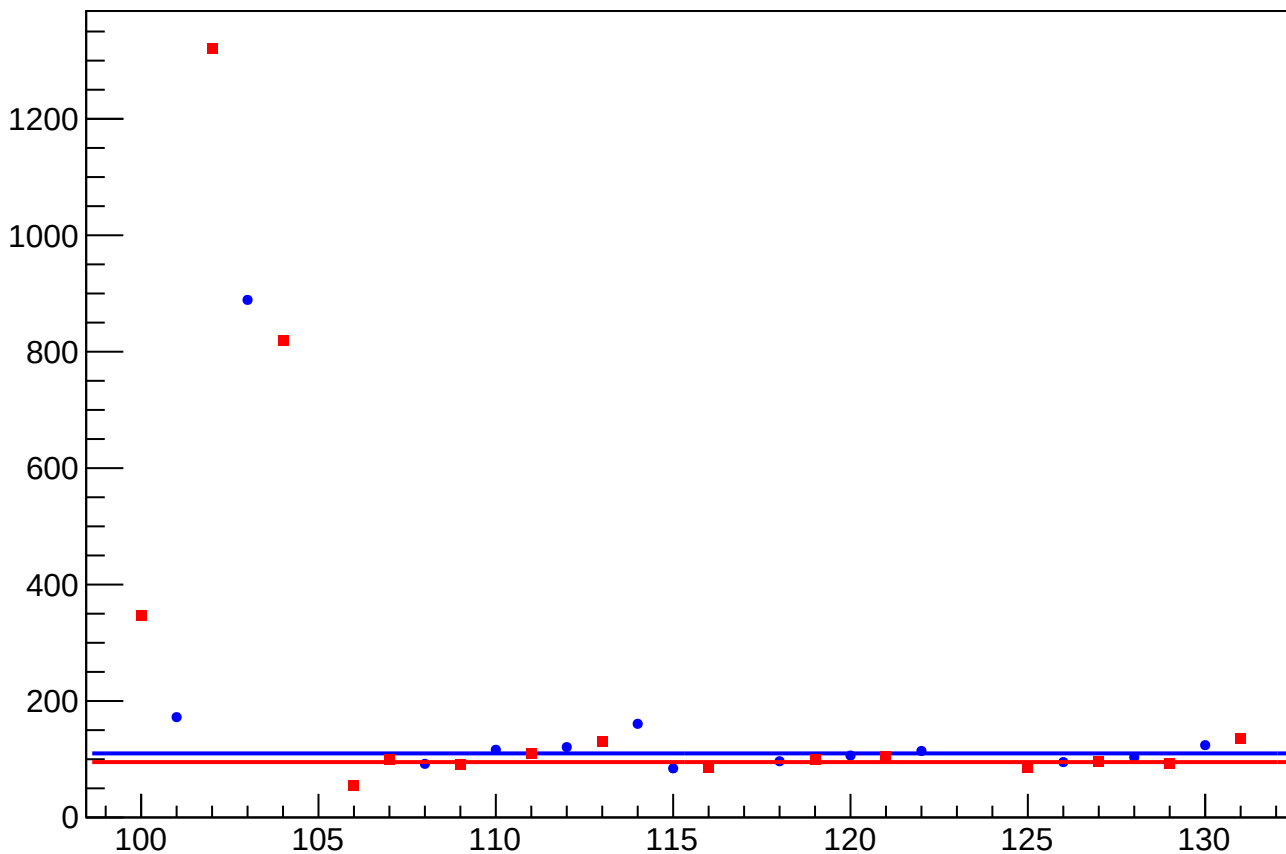
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.020 $\pm$ 0.034 χ^2 /NDF: 33.5/27

- 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: 110.018+/-0.036 χ^2/NDF : 1221983.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.093+/-0.031 χ^2/NDF : 1962351.6/14

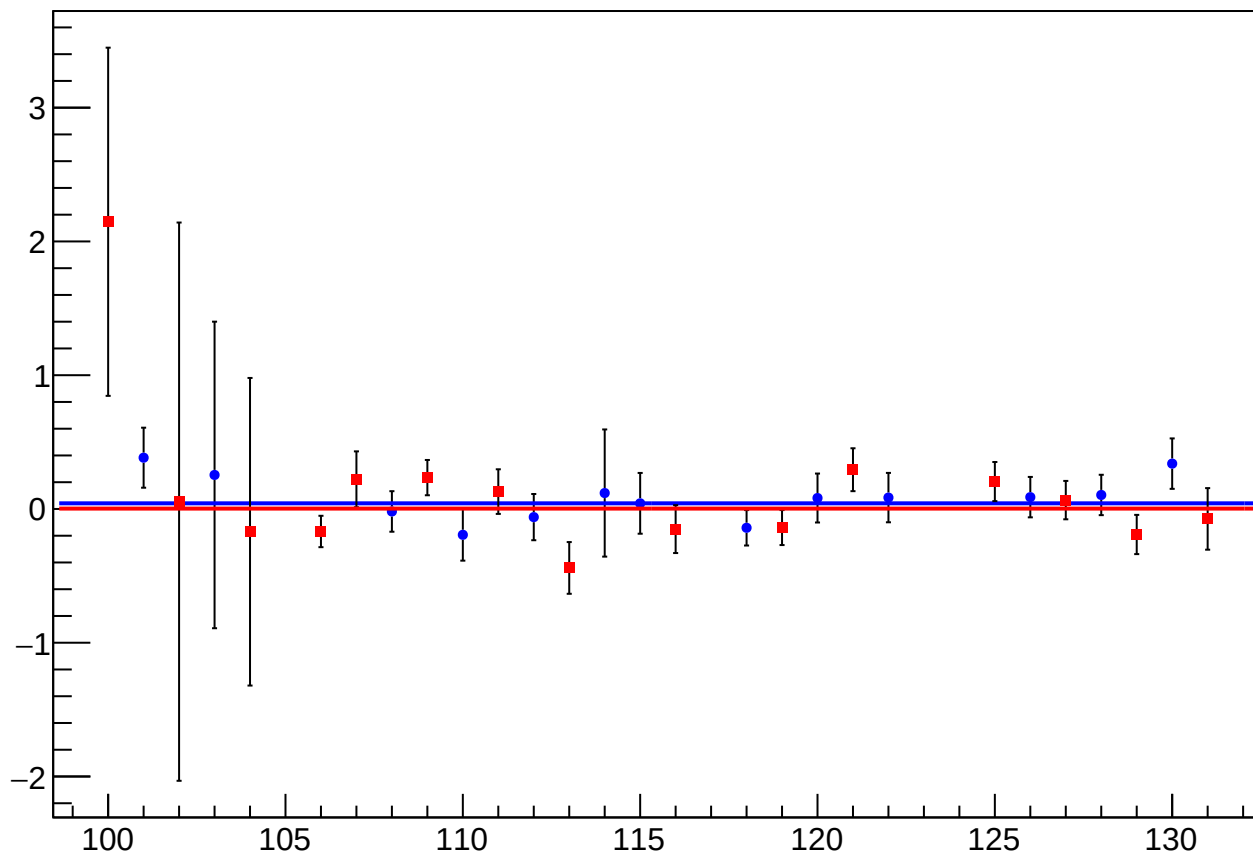
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.492+/-0.024 χ^2/NDF : 3281120.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.042 $\pm$ 0.051 χ^2 /NDF: 9.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.003 $\pm$ 0.044 χ^2 /NDF: 24.1/14

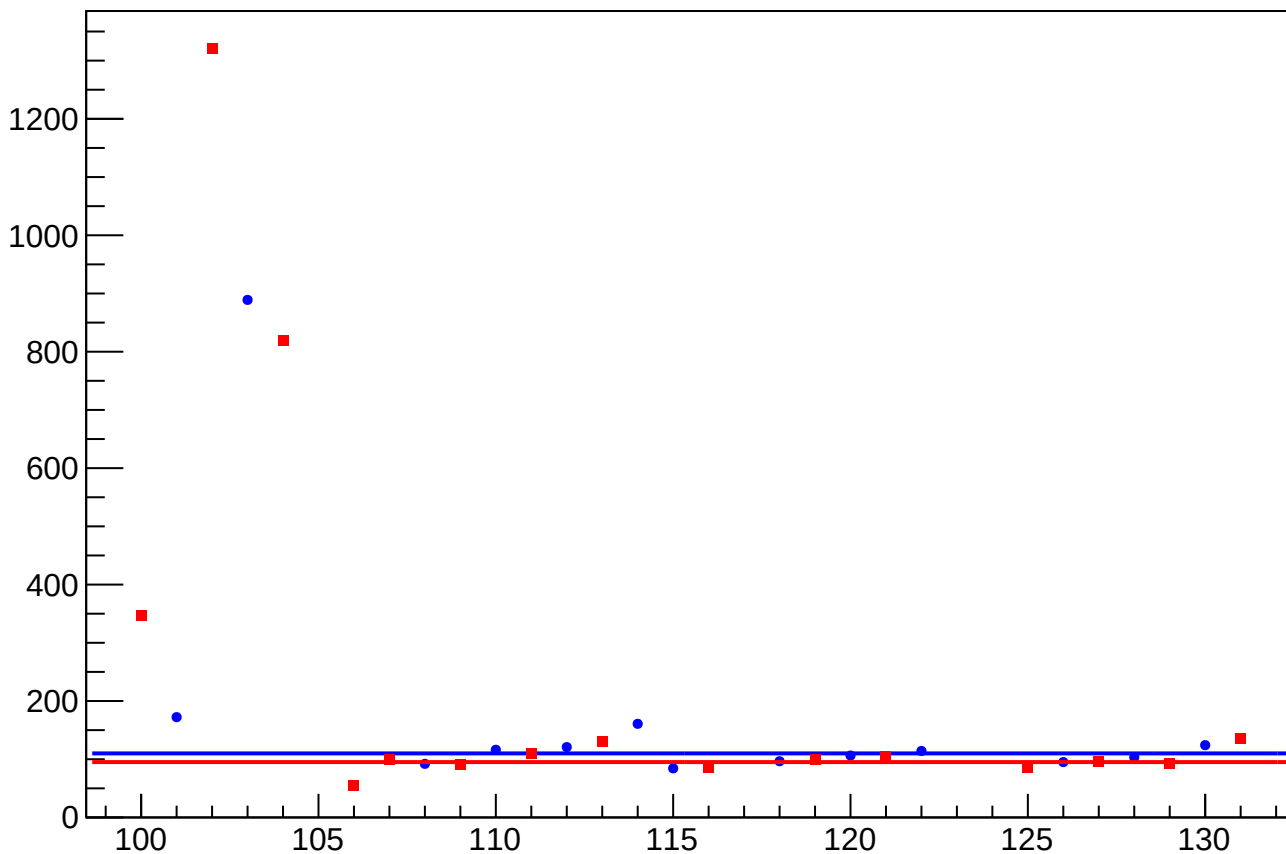
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.020 $\pm$ 0.034 χ^2 /NDF: 33.5/27

- 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: 110.018+/-0.036 χ^2/NDF : 1221983.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.093+/-0.031 χ^2/NDF : 1962351.6/14

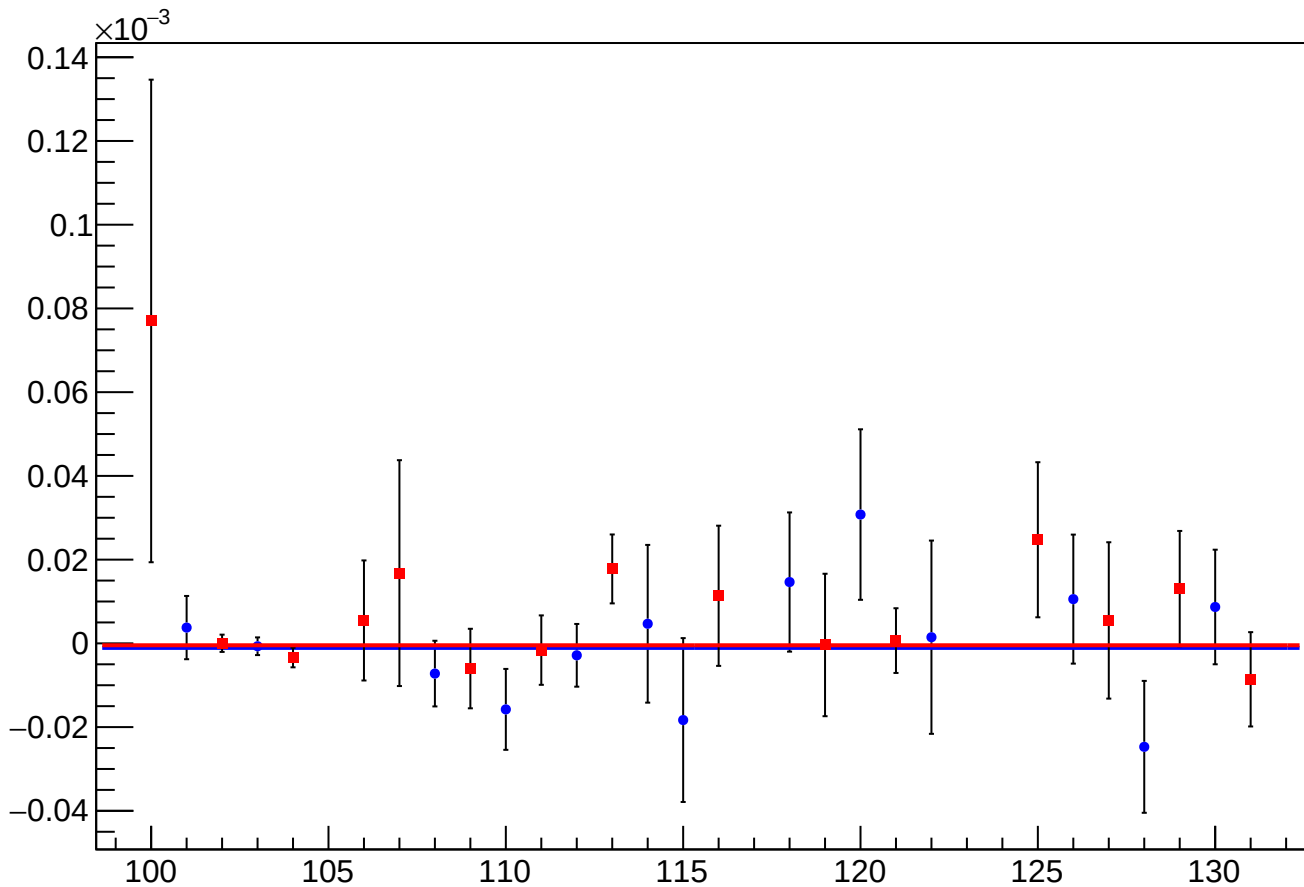
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.492+/-0.024 χ^2/NDF : 3281120.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 11.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 13.2/14

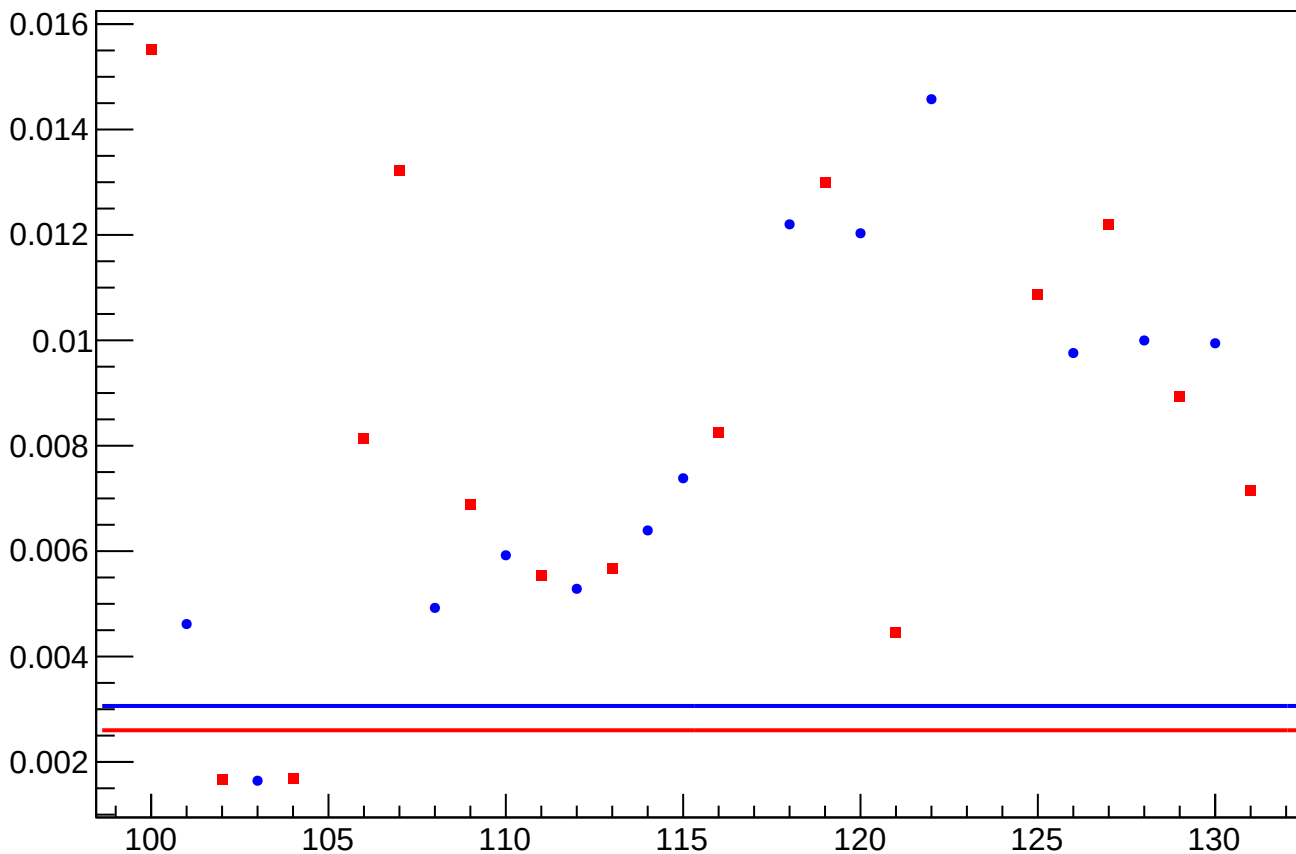
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 24.3/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 4370702.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 5133685.4/14

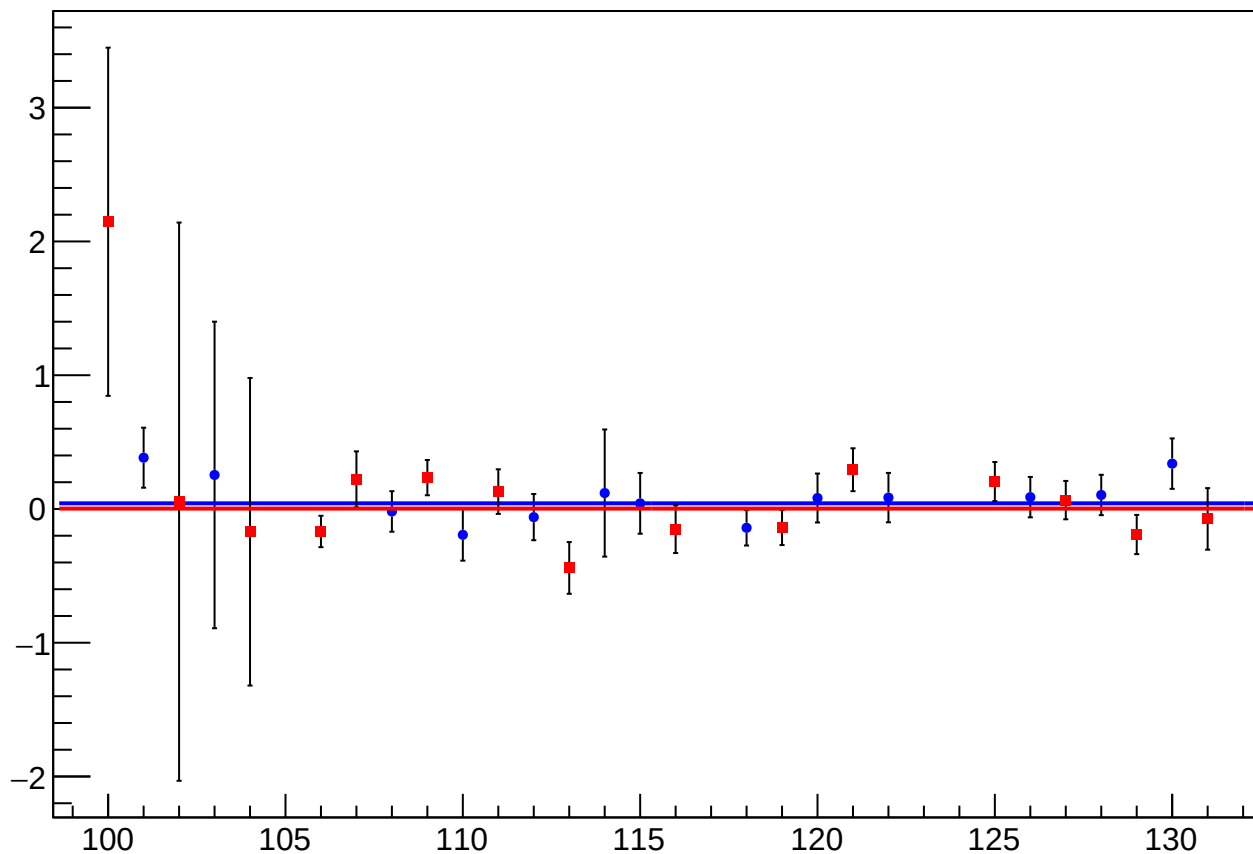
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 9586767.3/27

- 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: 0.042 $\pm$ 0.051 χ^2 /NDF: 9.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.003 $\pm$ 0.044 χ^2 /NDF: 24.1/14

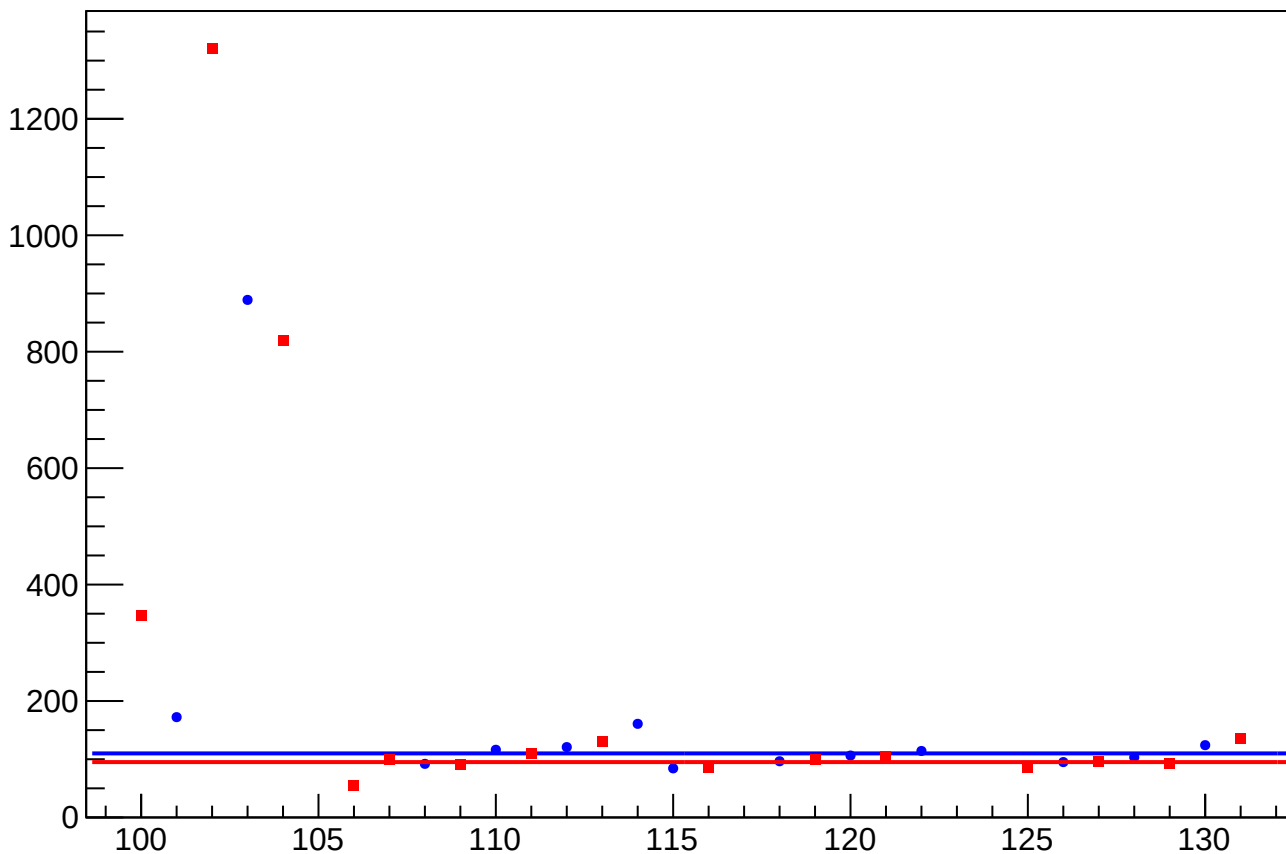
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.020 $\pm$ 0.034 χ^2 /NDF: 33.5/27

- 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: 110.018+/-0.036 χ^2/NDF : 1221968.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.092+/-0.031 χ^2/NDF : 1962418.2/14

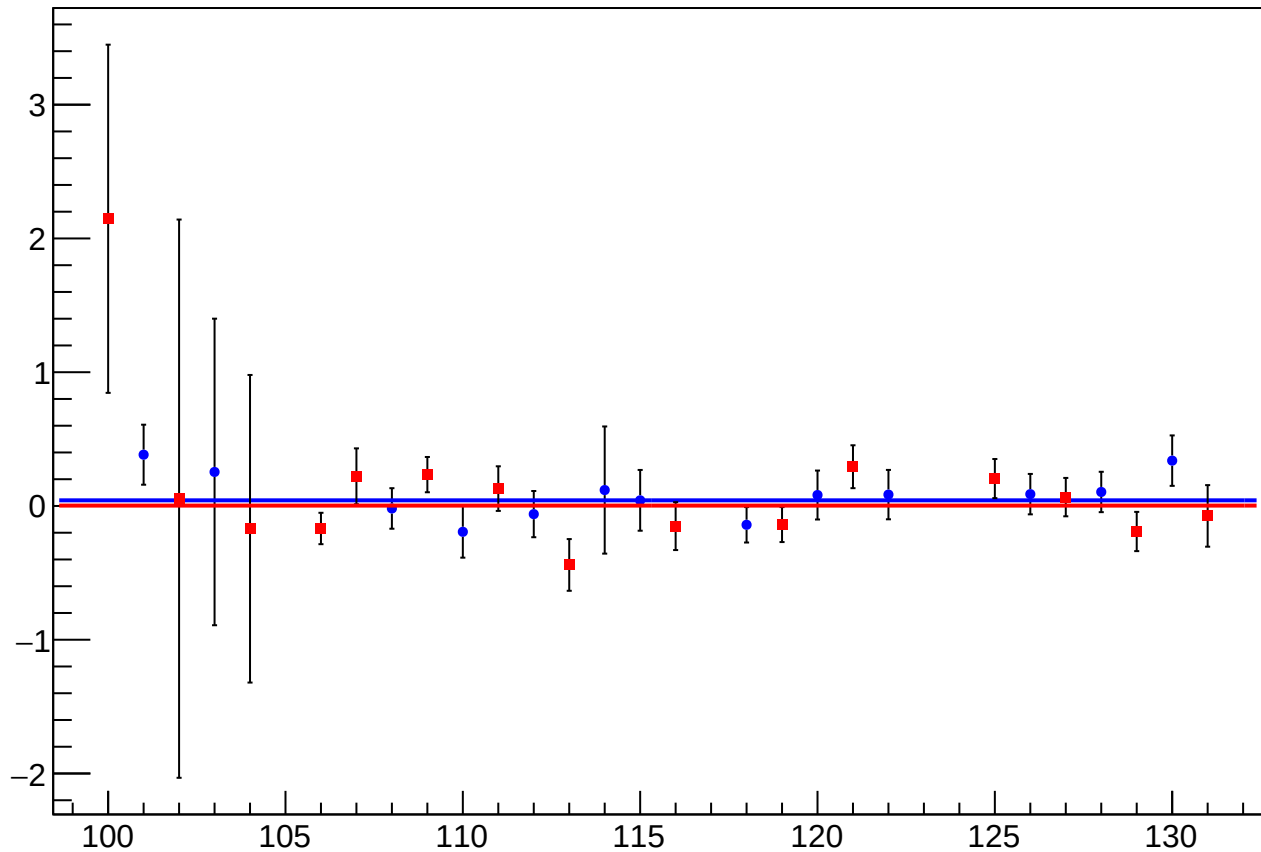
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.492+/-0.024 χ^2/NDF : 3281184.1/27

- 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: 0.042 $\pm$ 0.051 χ^2 /NDF: 9.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.044 χ^2 /NDF: 24.1/14

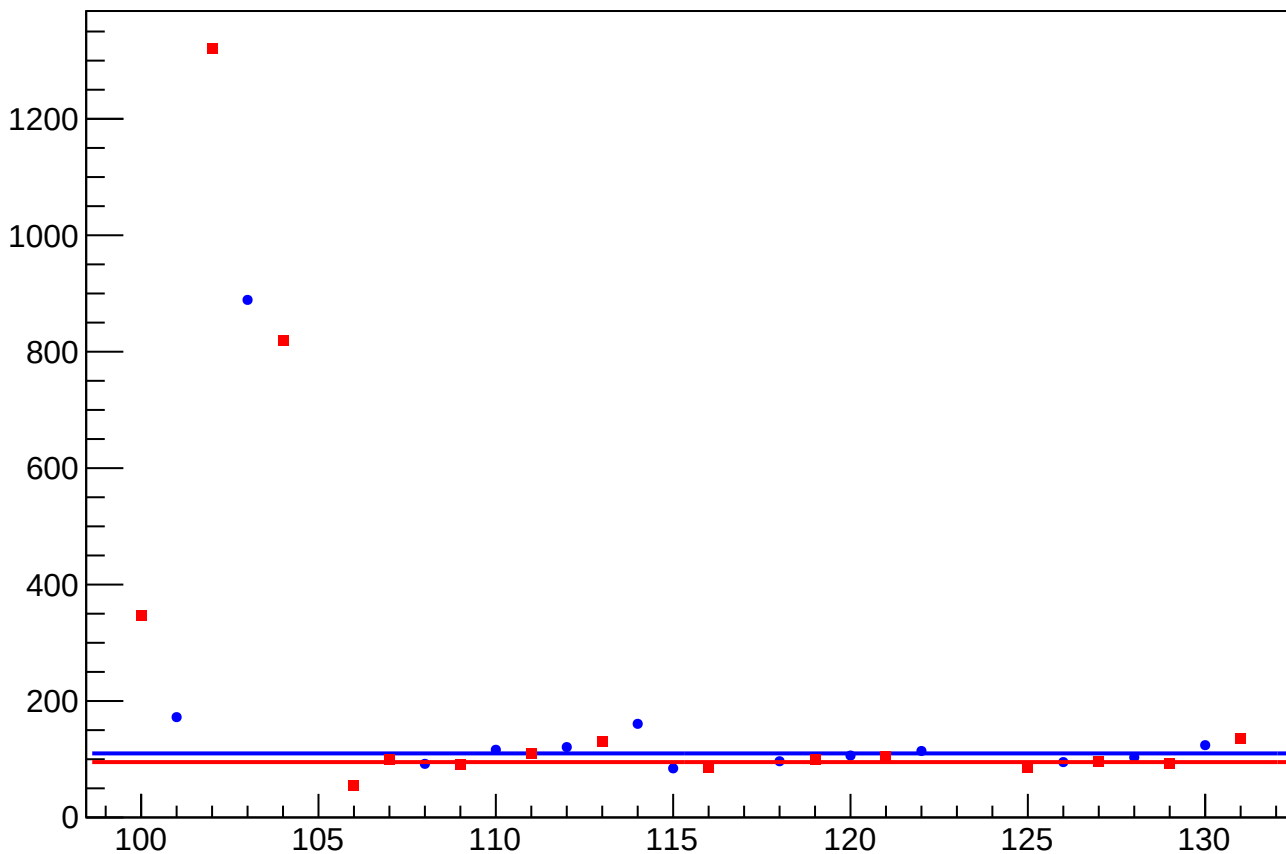
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.020 $\pm$ 0.034 χ^2 /NDF: 33.5/27

- 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: 110.018+/-0.036 χ^2/NDF : 1221968.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.092+/-0.031 χ^2/NDF : 1962418.2/14

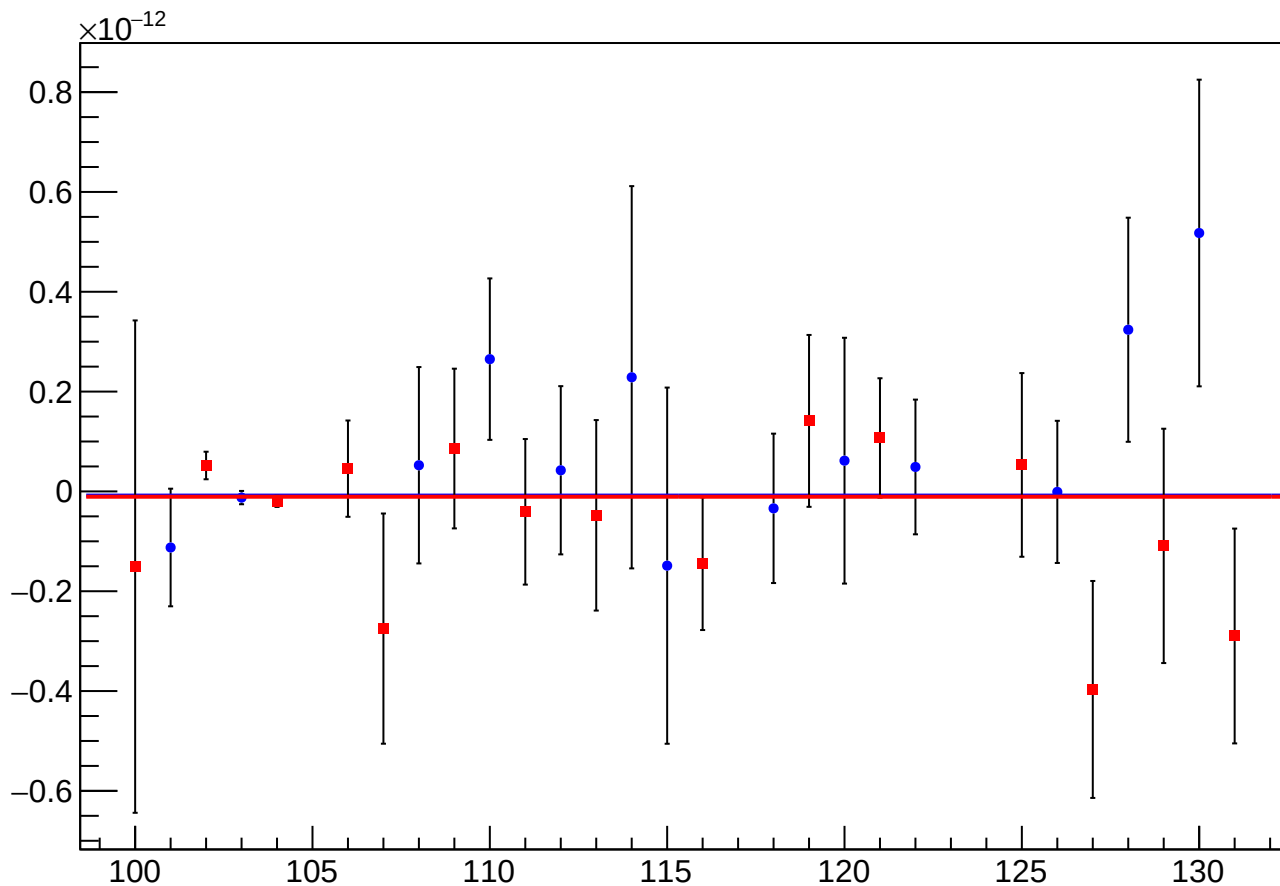
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.492+/-0.024 χ^2/NDF : 3281184.1/27

- sign 0.000+/-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 : 9.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.9/14

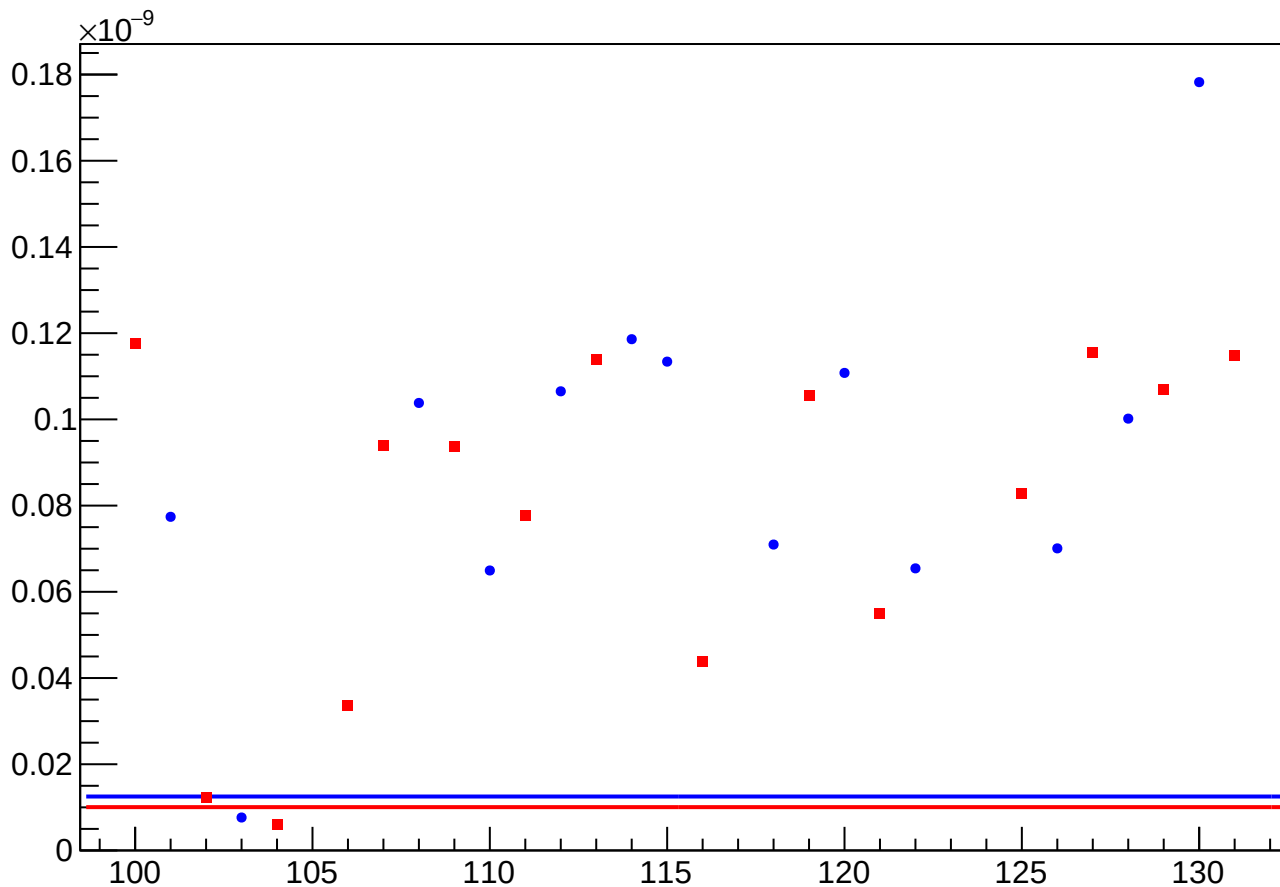
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.8/27

- 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 : 4594191.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4960808.5/14

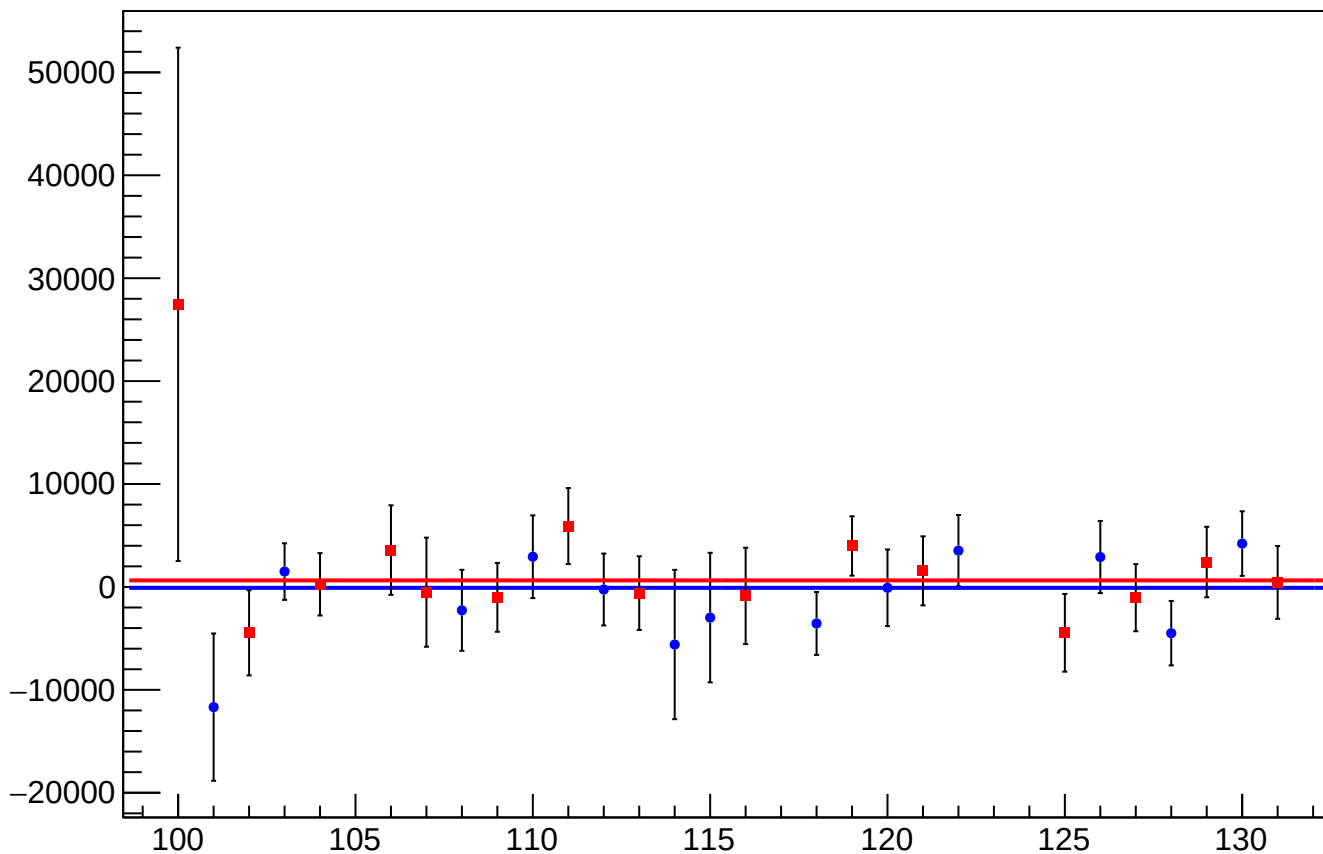
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9600310.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -87.106 ± 1024.698 χ^2/NDF : 11.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 634.502 ± 961.112 χ^2/NDF : 9.5/14

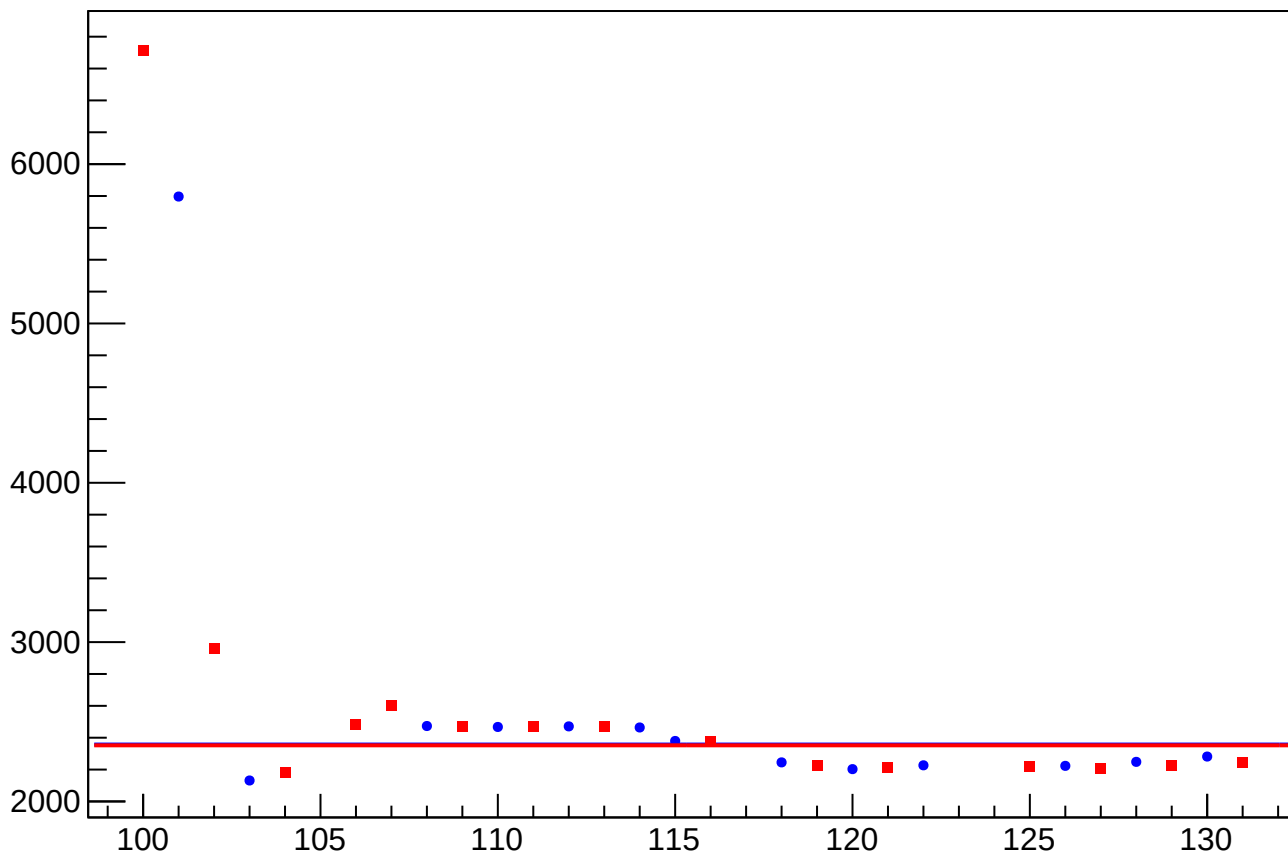
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 296.780 ± 701.011 χ^2/NDF : 21.3/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2357.008+/-0.725 χ^2/NDF : 496554.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2352.222+/-0.680 χ^2/NDF : 141454.3/14

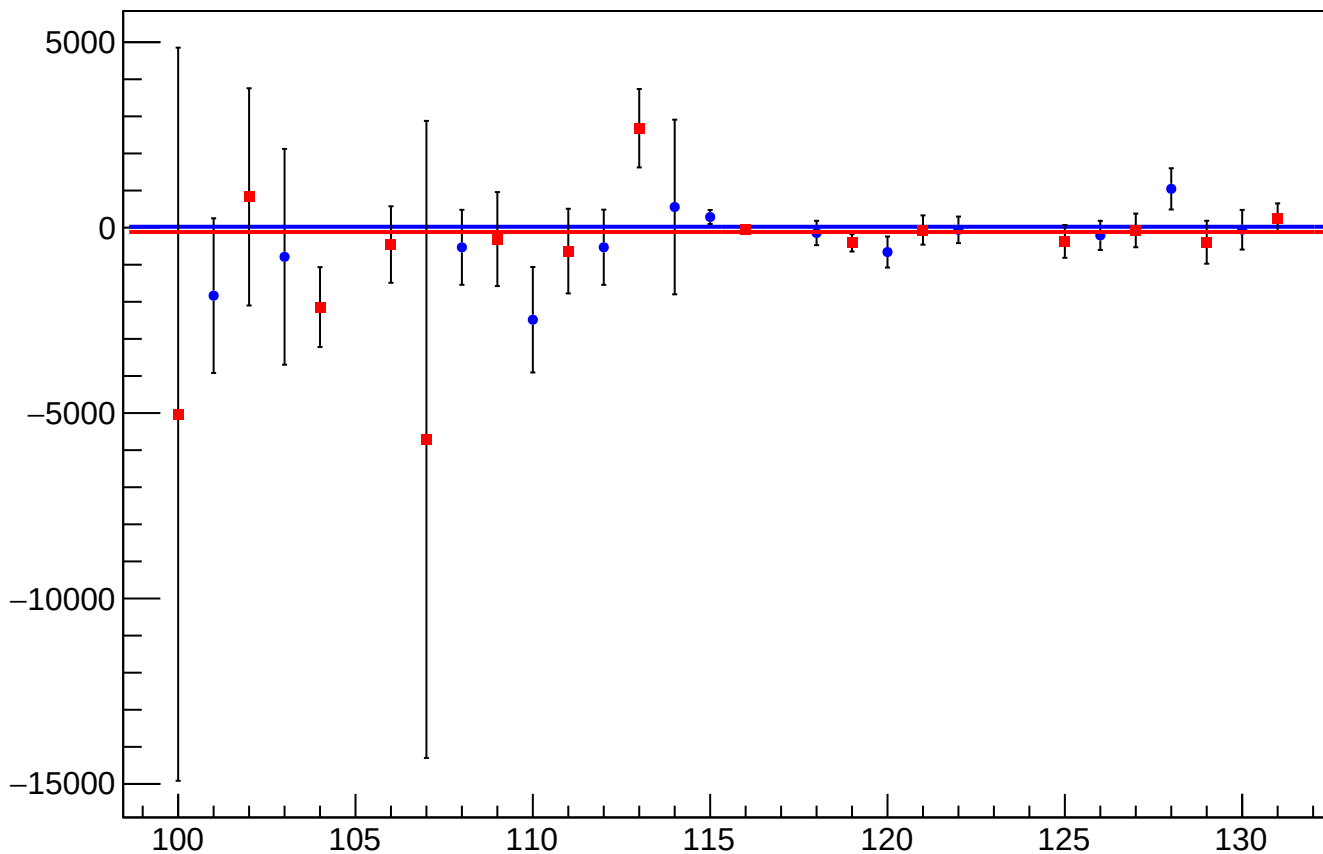
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2354.462+/-0.496 χ^2/NDF : 638032.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_reg_correction_mean vs Slug



Right In: 23.362 $\pm$ 122.195 χ^2 /NDF: 13.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -117.227 $\pm$ 94.634 χ^2 /NDF: 15.0/14

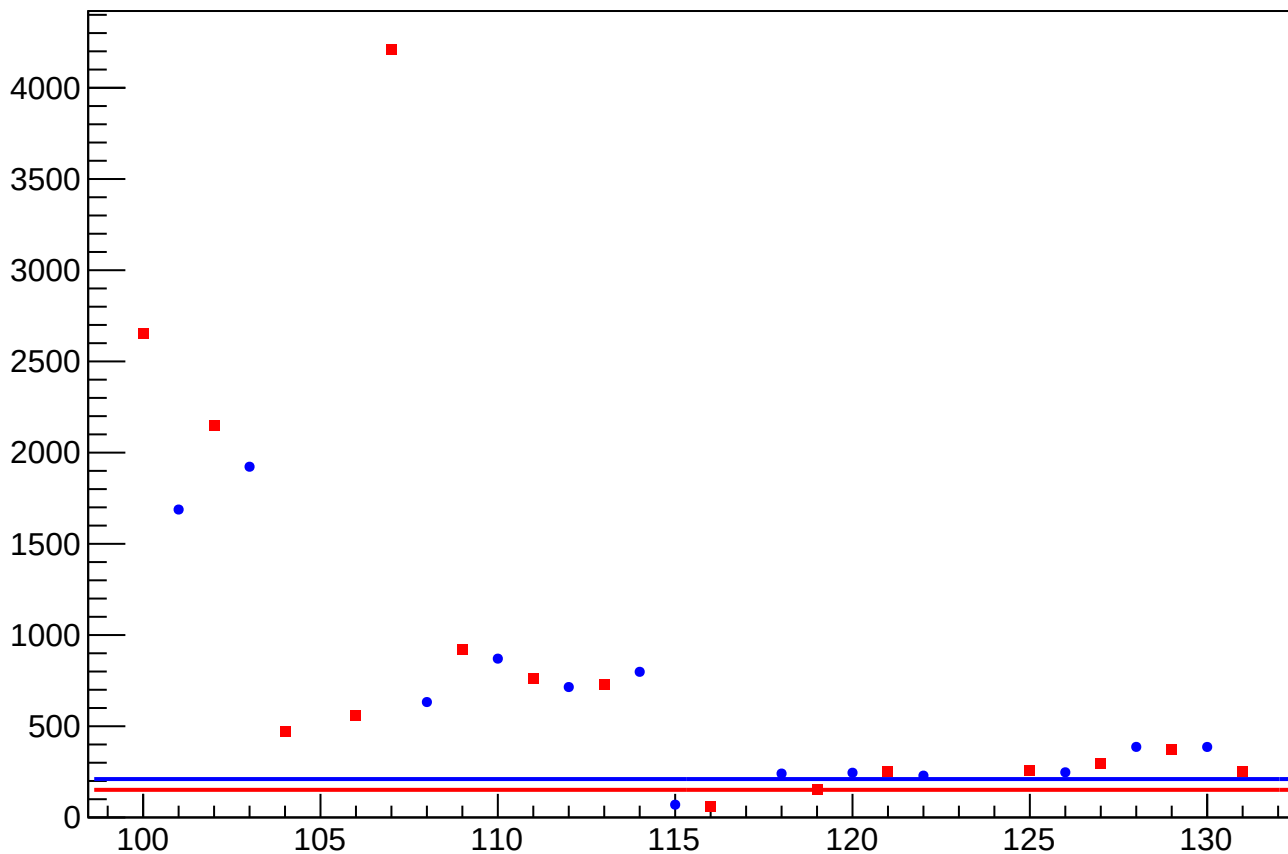
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -64.519 $\pm$ 74.820 χ^2 /NDF: 29.1/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_reg_correction_rms vs Slug



Right In: 210.478+/-0.086 χ^2/NDF : 4672484.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.379+/-0.067 χ^2/NDF : 5804260.8/14

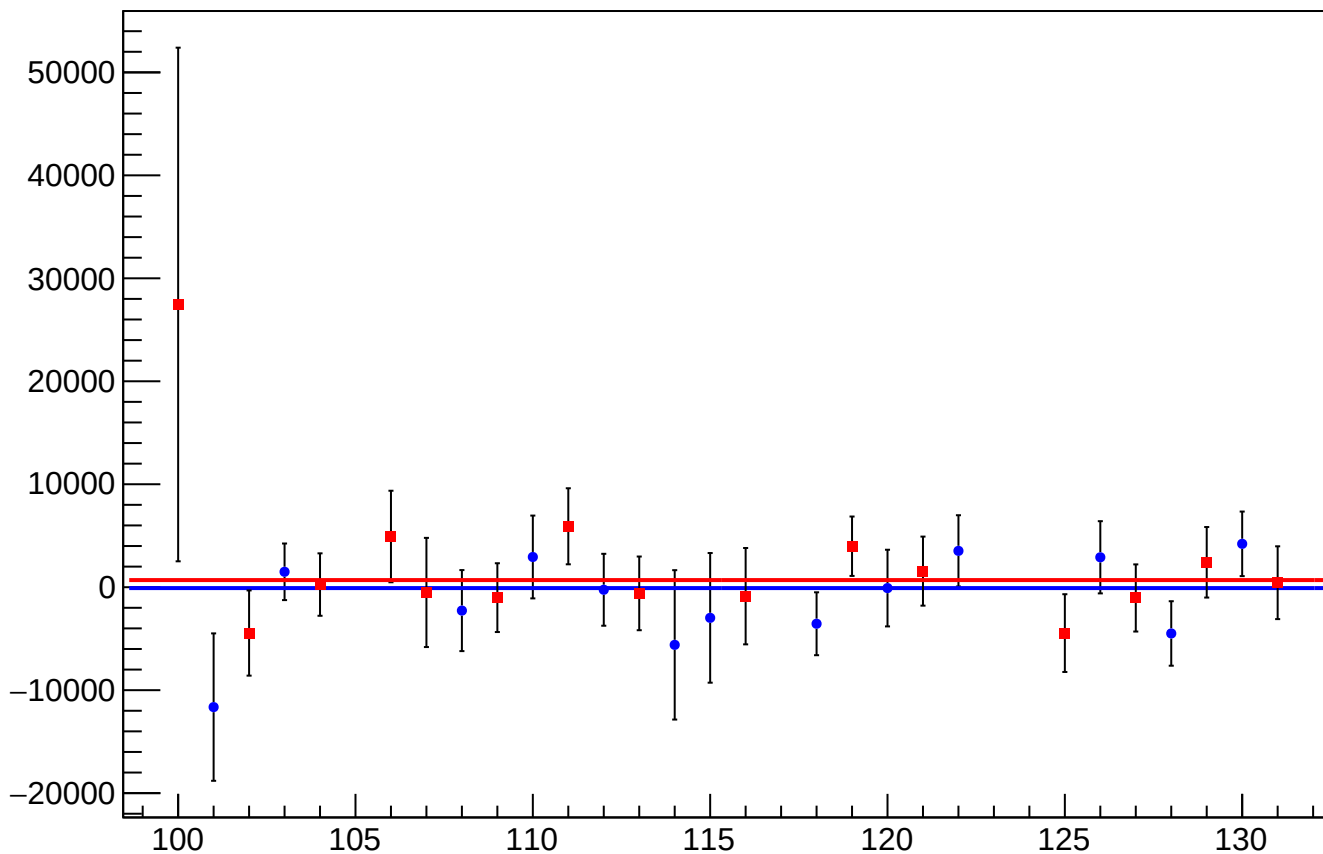
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.536+/-0.053 χ^2/NDF : 10769176.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -85.764+/-1024.698 χ^2/NDF : 11.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 692.184+/-962.087 χ^2/NDF : 10.0/14

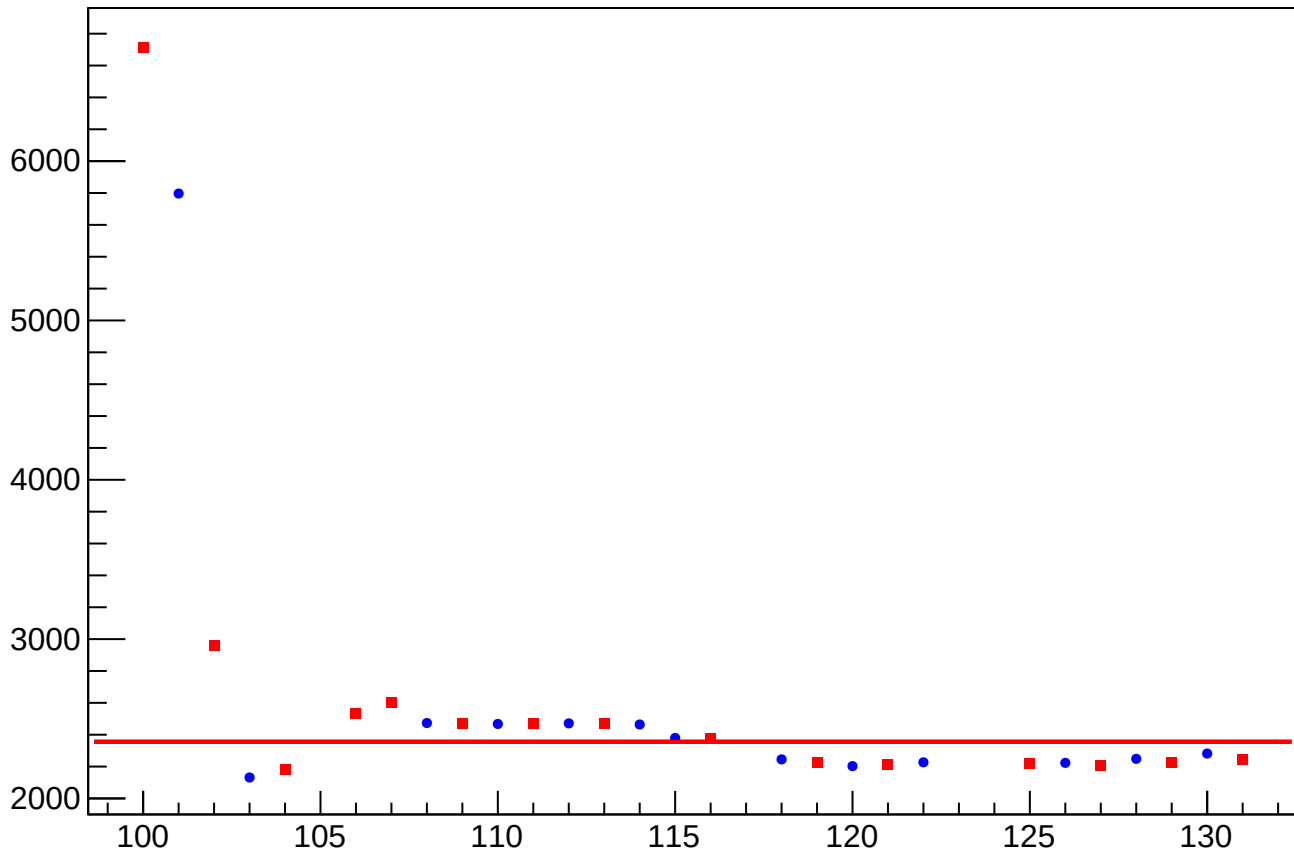
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 327.702+/-701.389 χ^2/NDF : 21.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2357.008 $\pm$ 0.725 χ^2 /NDF: 496555.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2354.332 $\pm$ 0.680 χ^2 /NDF: 142980.9/14

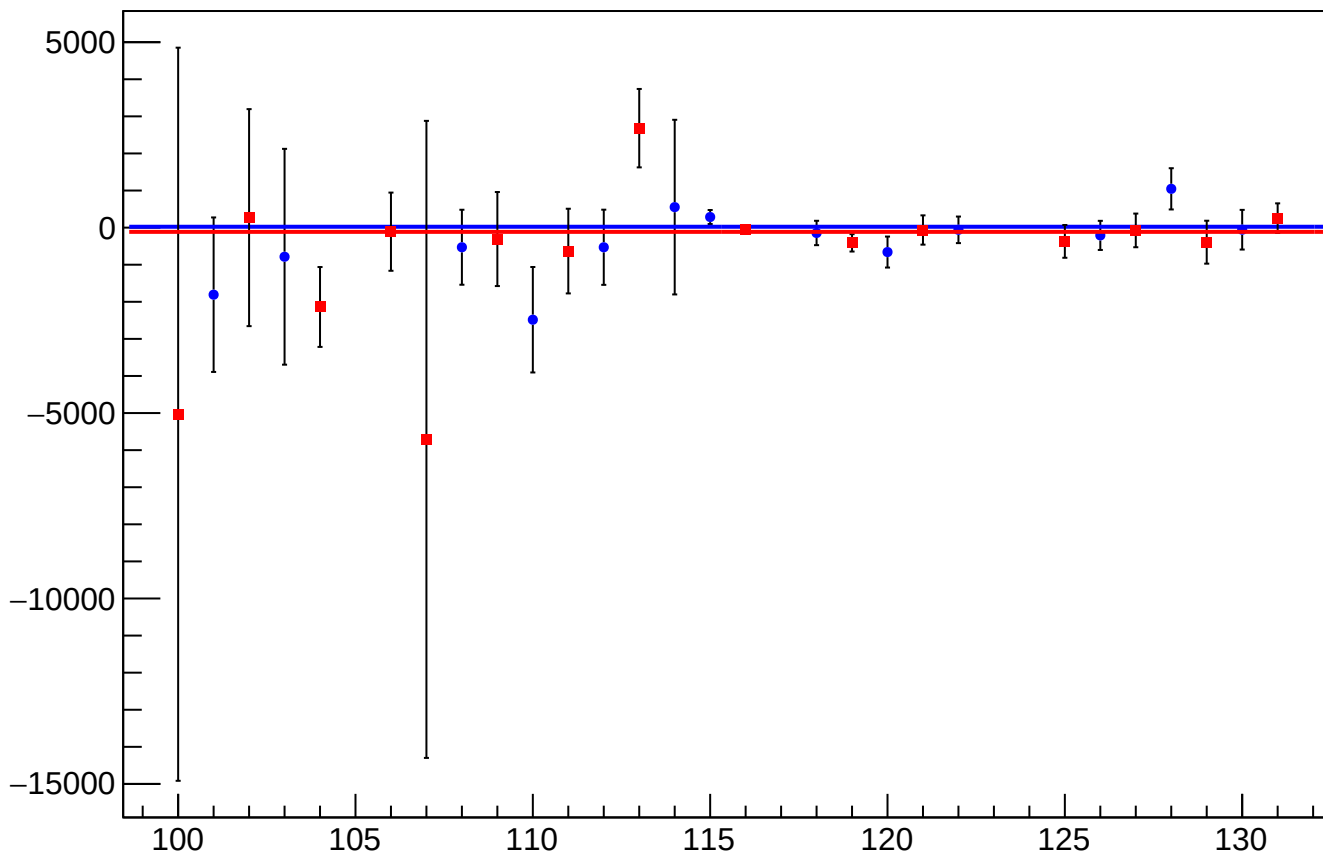
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2355.586 $\pm$ 0.496 χ^2 /NDF: 639543.4/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_cor_correction_mean vs Slug



Right In: 23.498+/-122.217 χ^2/NDF : 13.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -114.198+/-94.536 χ^2/NDF : 14.8/14

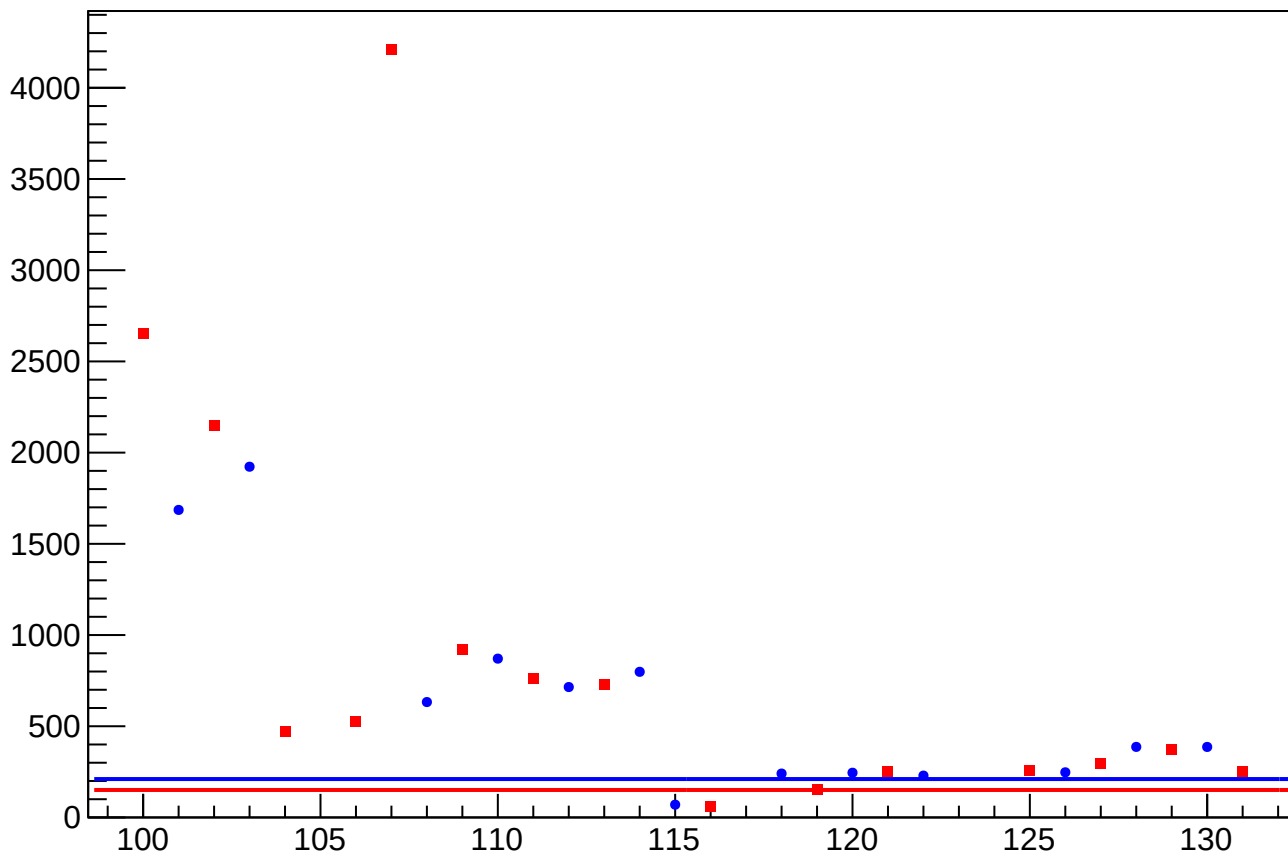
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -62.653+/-74.776 χ^2/NDF : 28.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_cor_correction_rms vs Slug



Right In: 210.544+/-0.086 χ^2/NDF : 4670917.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.647+/-0.067 χ^2/NDF : 5757539.2/14

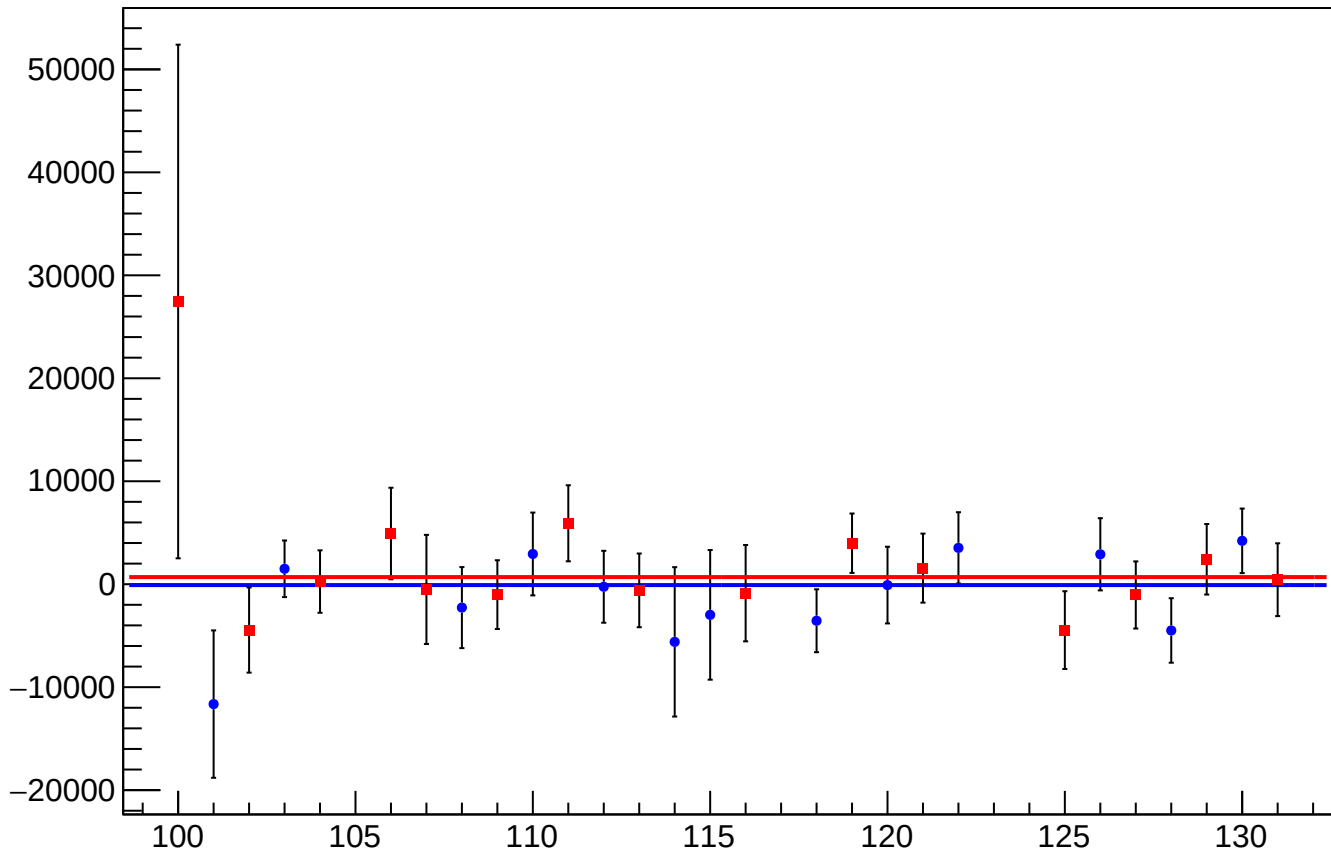
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.069+/-0.053 χ^2/NDF : 10729004.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -85.764 $\pm$ 1024.698 χ^2 /NDF: 11.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 692.184 $\pm$ 962.087 χ^2 /NDF: 10.0/14

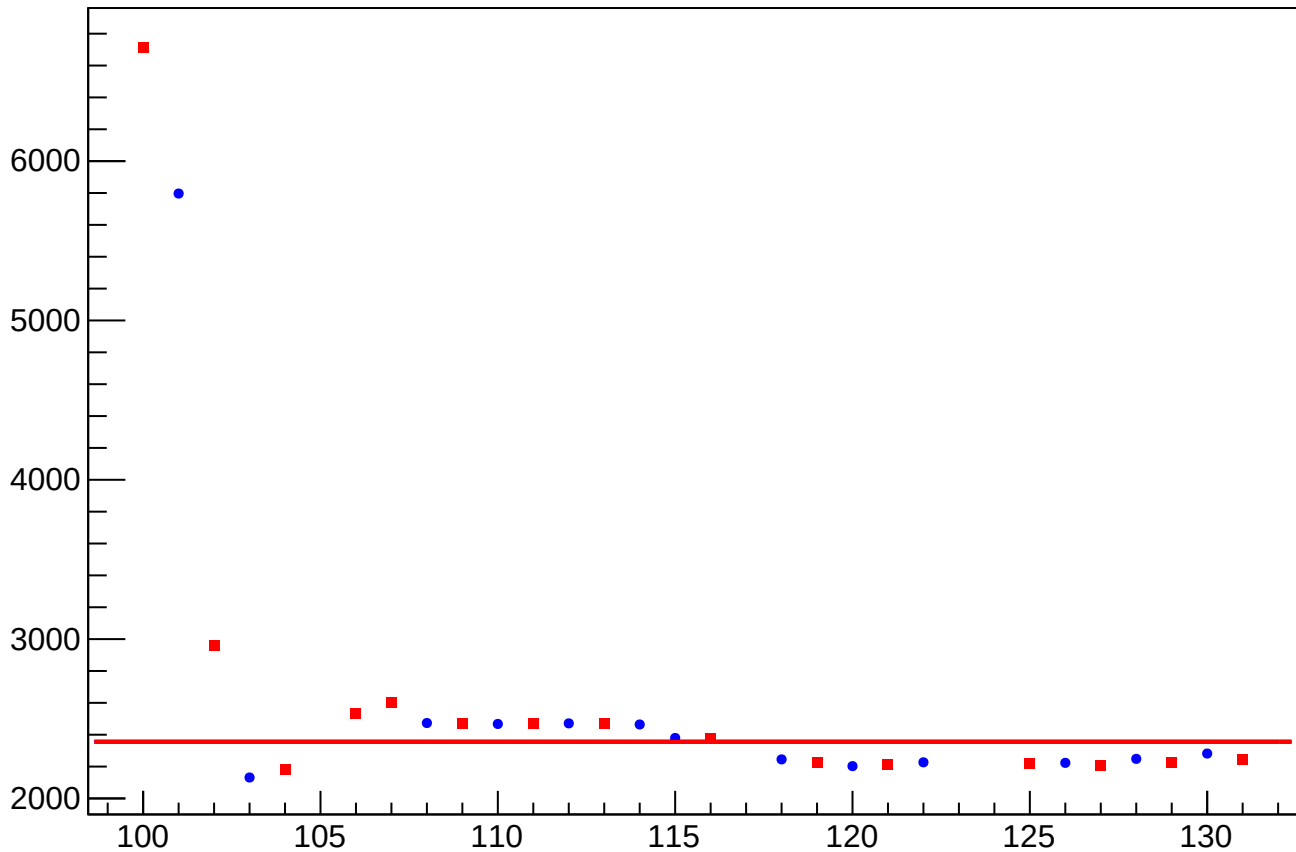
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 327.702 $\pm$ 701.389 χ^2 /NDF: 21.8/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2357.008+/-0.725 χ^2/NDF : 496555.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

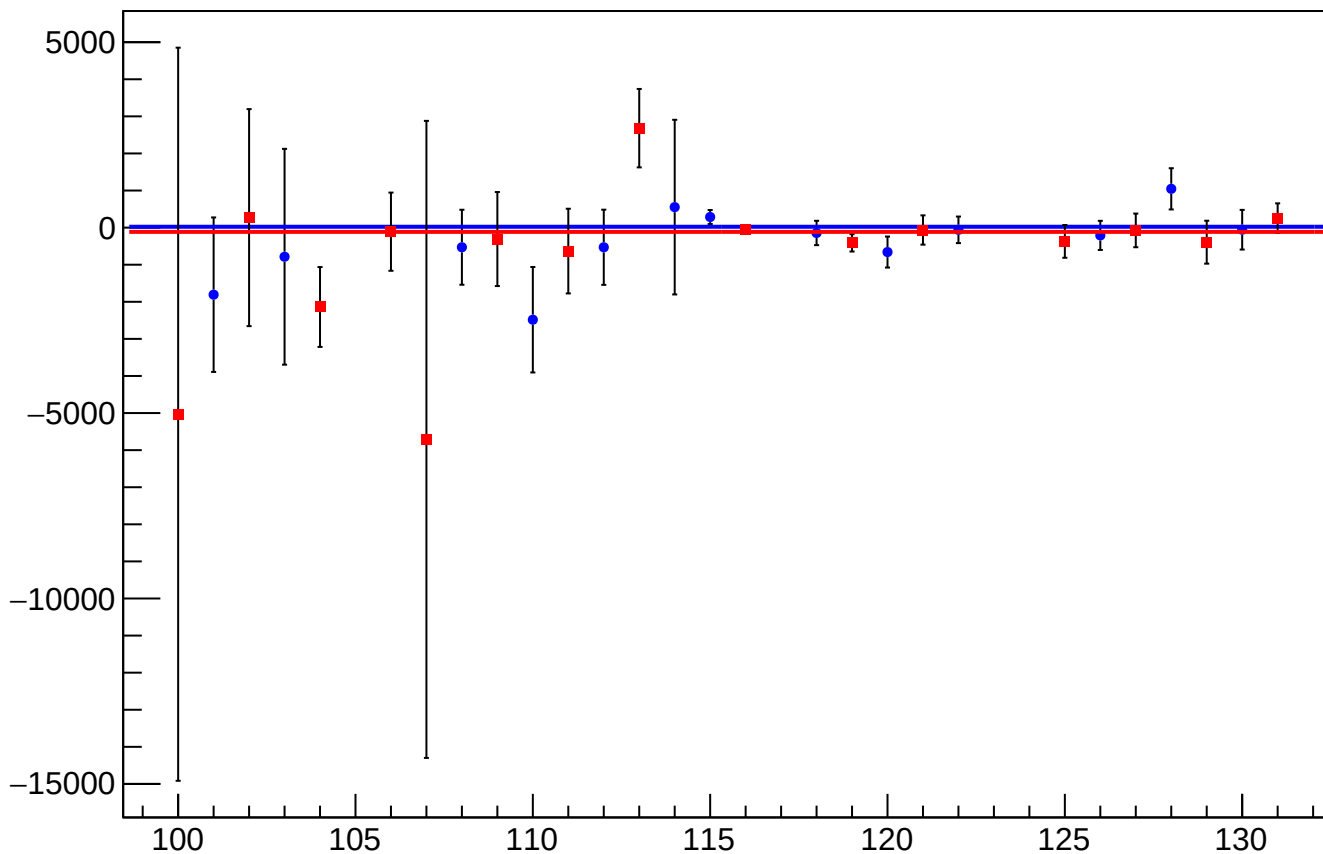
Right Out: 2354.332+/-0.680 χ^2/NDF : 142980.9/14

All: 2355.586+/-0.496 χ^2/NDF : 639543.4/27

- 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: 23.498+/-122.217 χ^2/NDF : 13.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -114.198+/-94.536 χ^2/NDF : 14.8/14

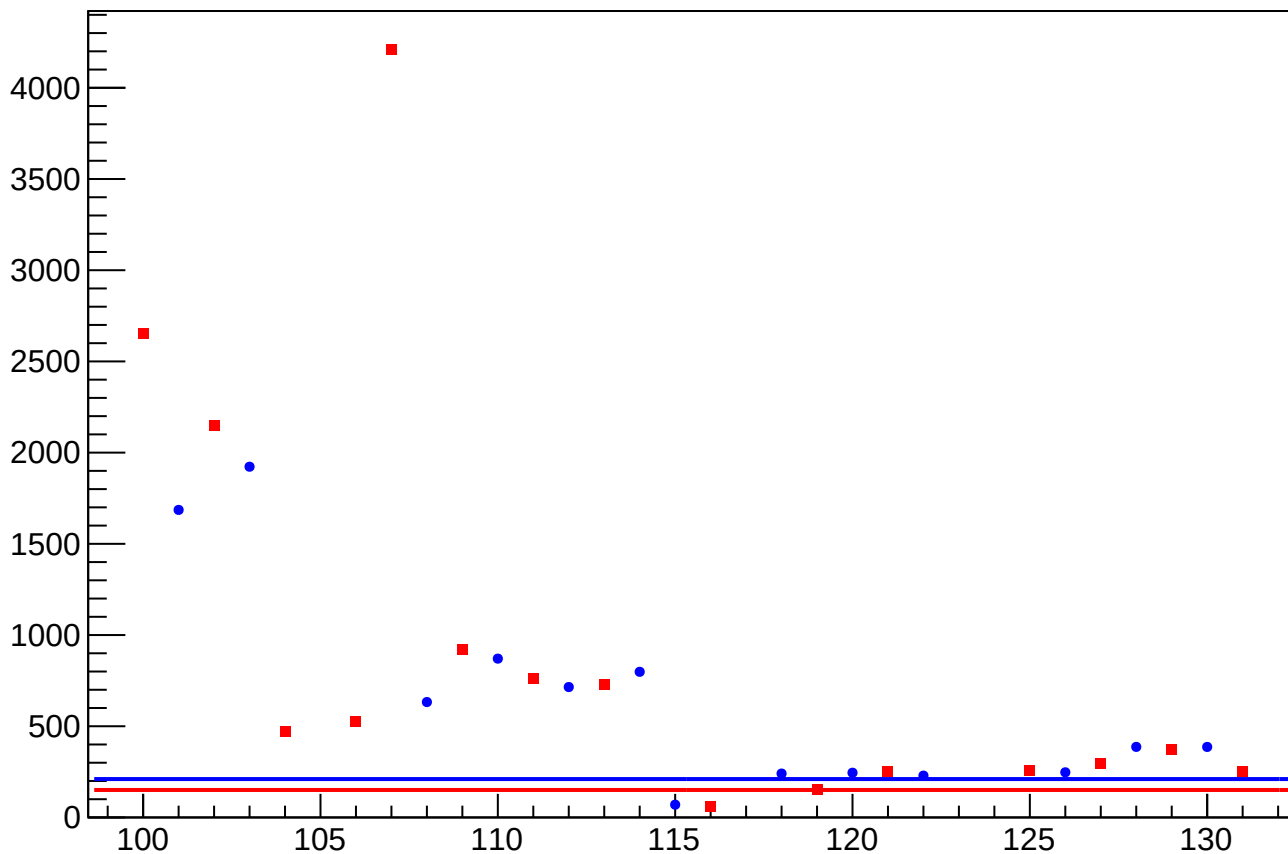
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -62.653+/-74.776 χ^2/NDF : 28.9/27

- 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: 210.544+/-0.086 χ^2/NDF : 4670917.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.647+/-0.067 χ^2/NDF : 5757539.2/14

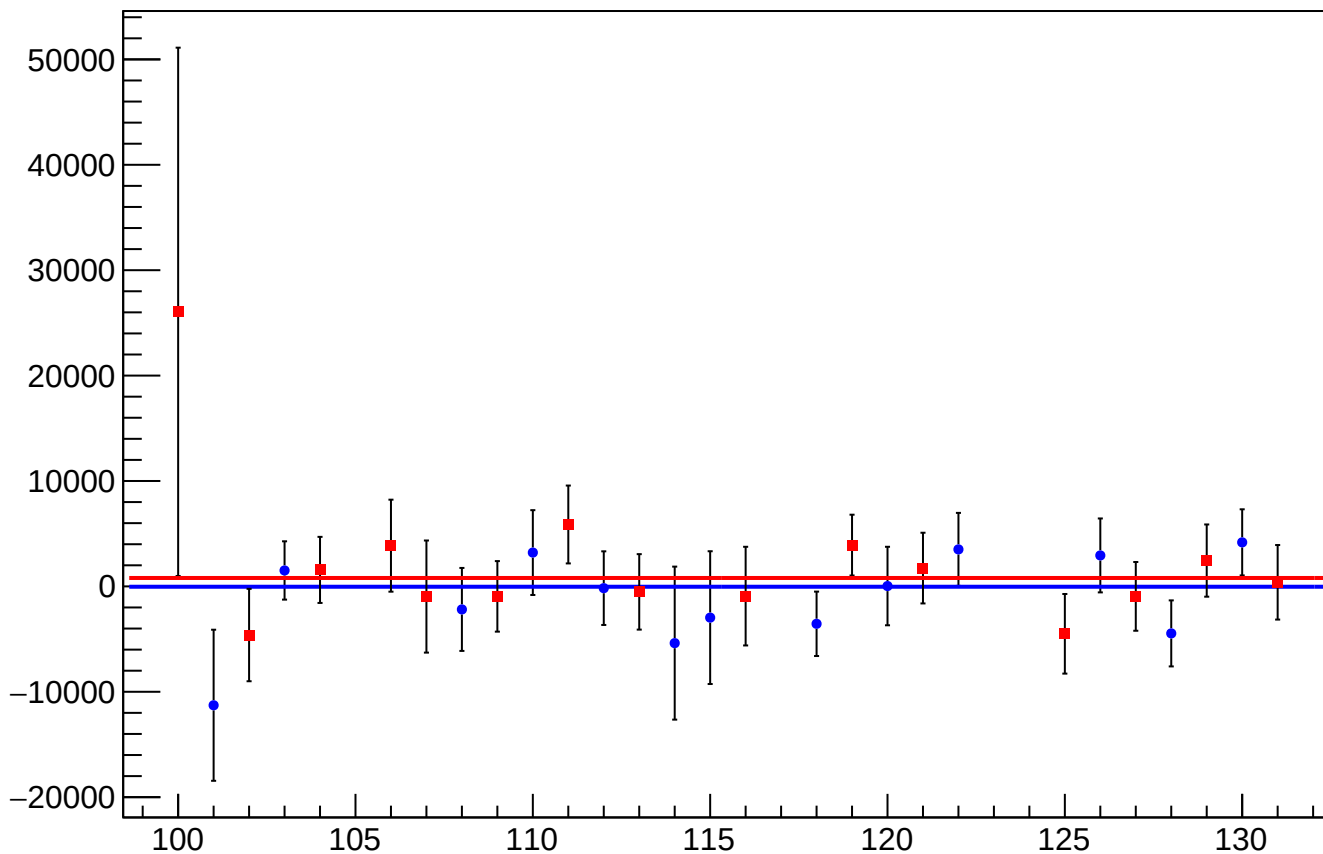
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.069+/-0.053 χ^2/NDF : 10729004.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -33.585 ± 1025.986 χ^2/NDF : 11.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 798.157 ± 967.740 χ^2/NDF : 9.4/14

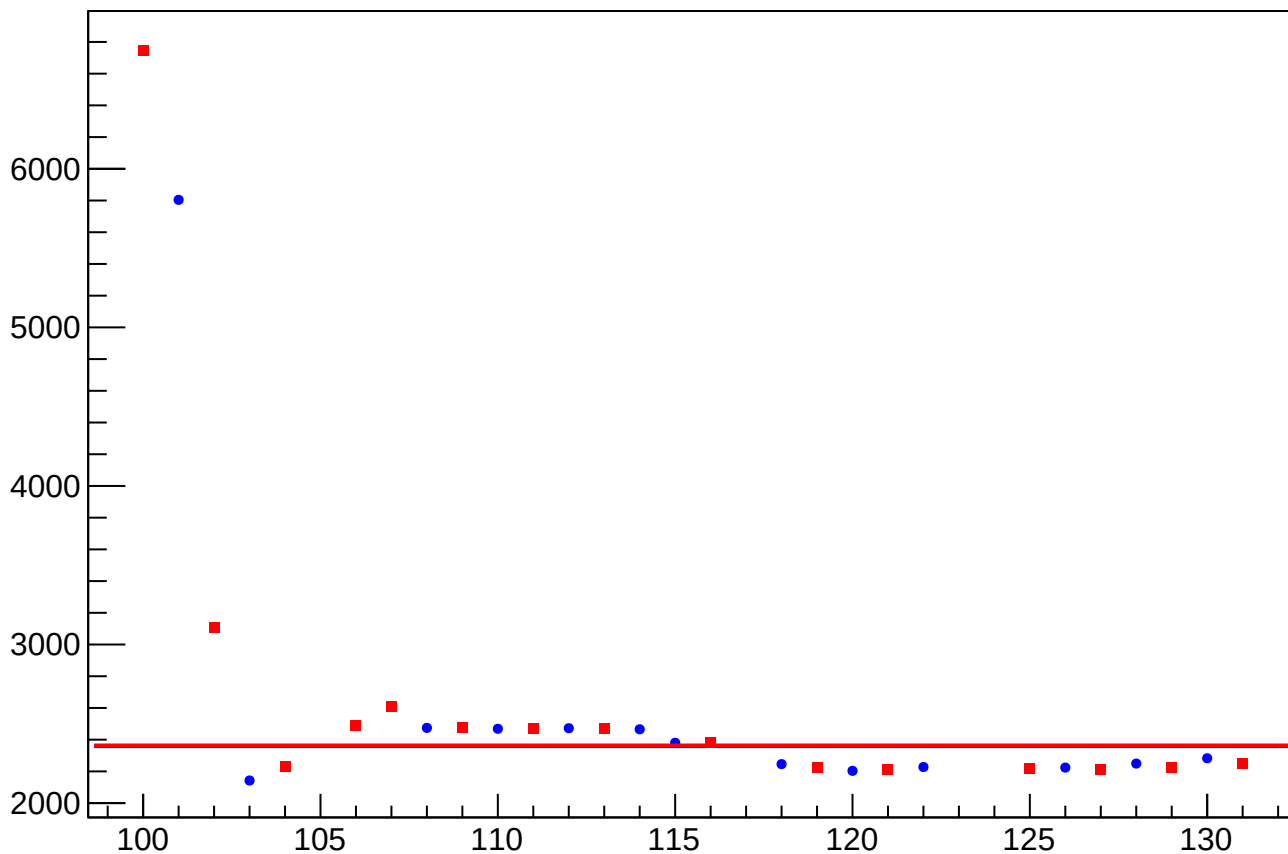
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 406.565 ± 703.987 χ^2/NDF : 21.1/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2359.675+/-0.725 χ^2/NDF : 495813.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2363.279+/-0.684 χ^2/NDF : 155680.4/14

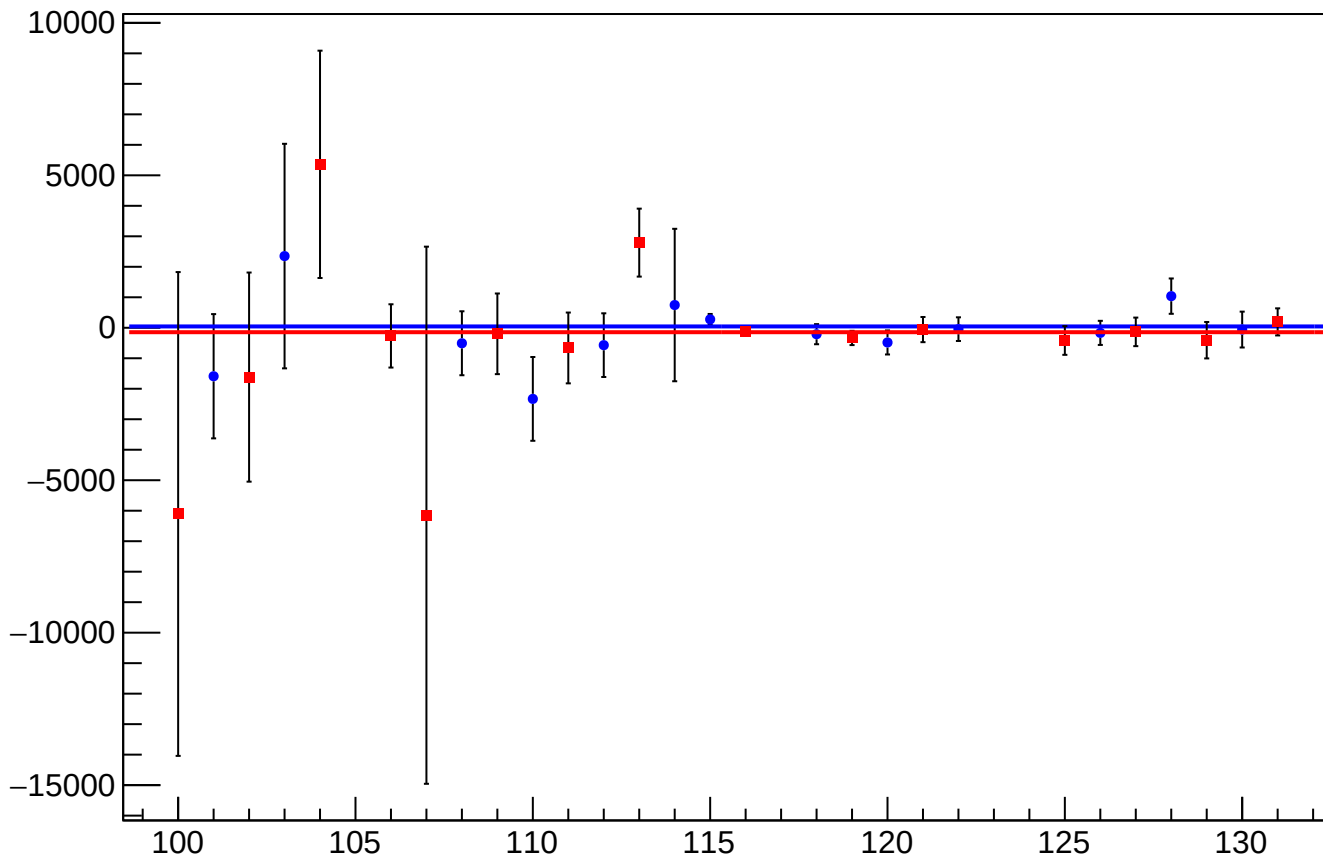
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2361.582+/-0.498 χ^2/NDF : 651507.2/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_dit_correction_mean vs Slug



Right In: 43.789+/-119.985 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -145.277+/-98.701 χ^2/NDF : 12.4/14

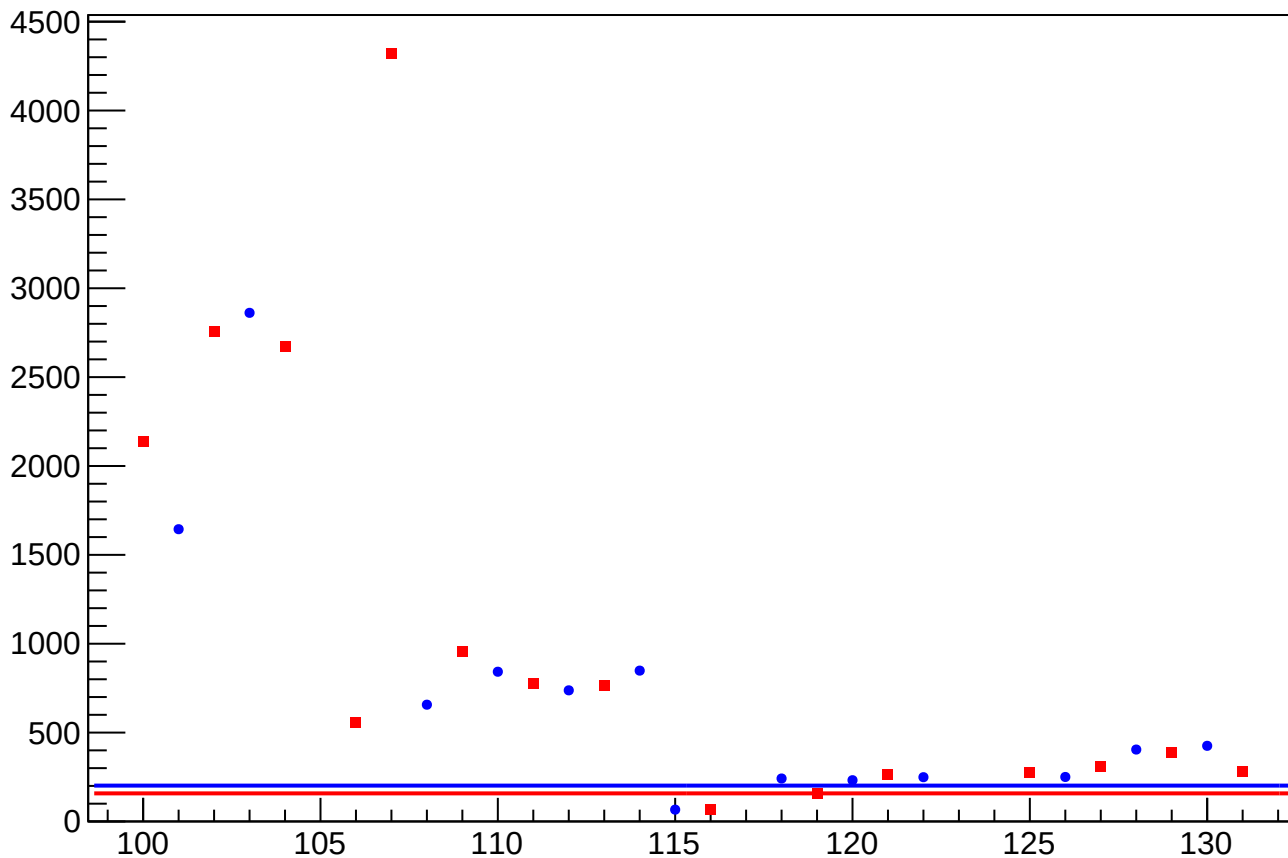
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.973+/-76.225 χ^2/NDF : 26.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_dit_correction_rms vs Slug



Right In: 201.690+/-0.085 χ^2/NDF : 5327163.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.983+/-0.070 χ^2/NDF : 6711869.1/14

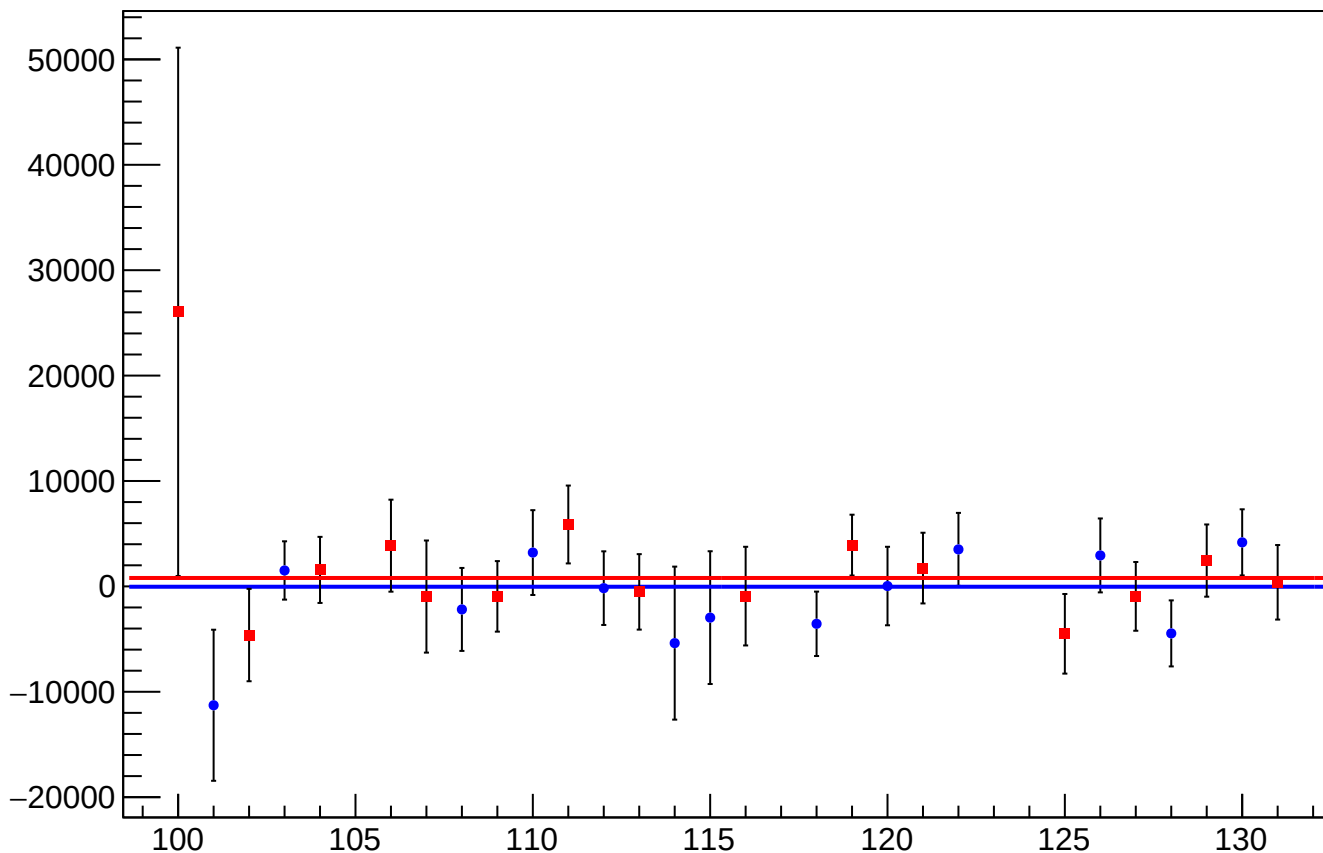
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.623+/-0.054 χ^2/NDF : 12197313.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -33.588+/-1025.986 χ^2/NDF : 11.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 798.160+/-967.739 χ^2/NDF : 9.4/14

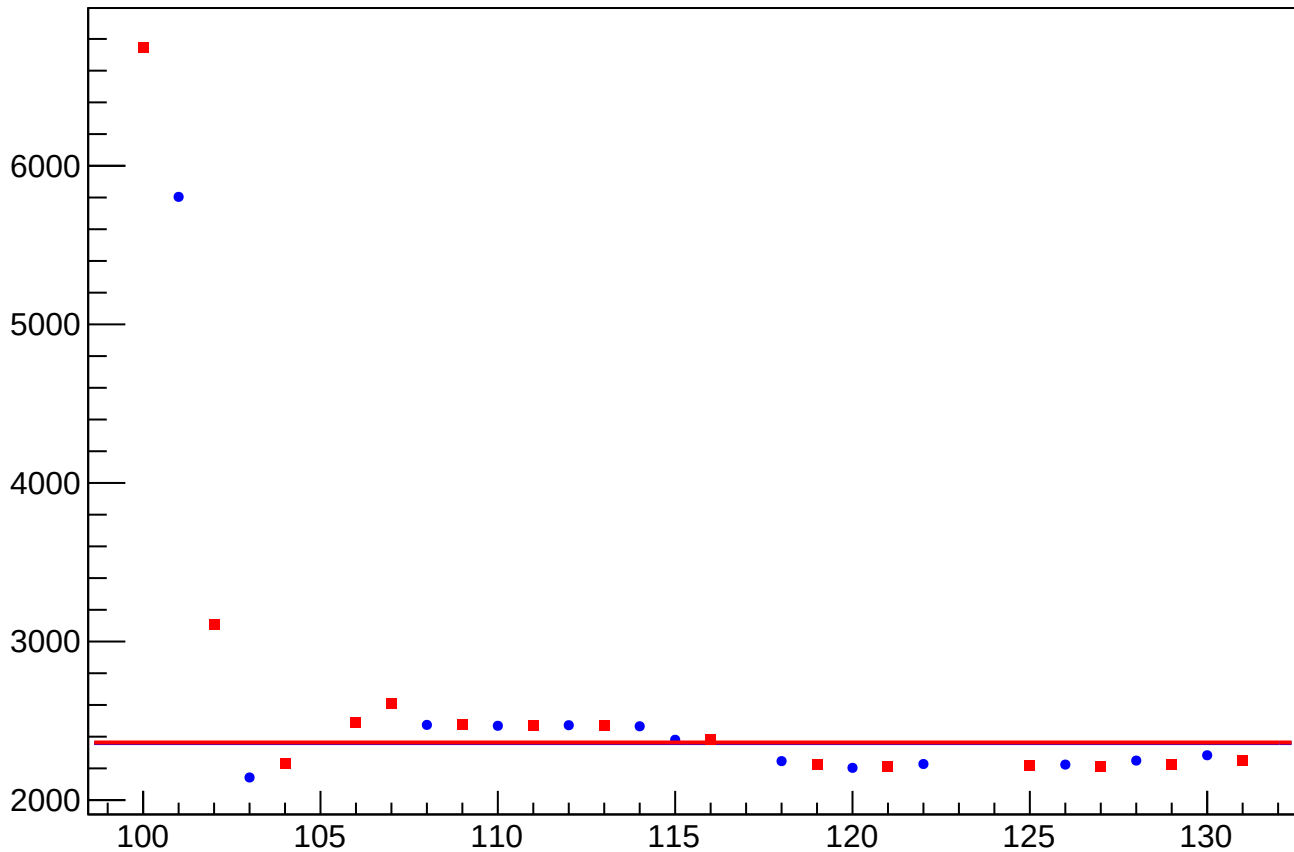
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 406.565+/-703.987 χ^2/NDF : 21.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2359.675+/-0.725 χ^2/NDF : 495813.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

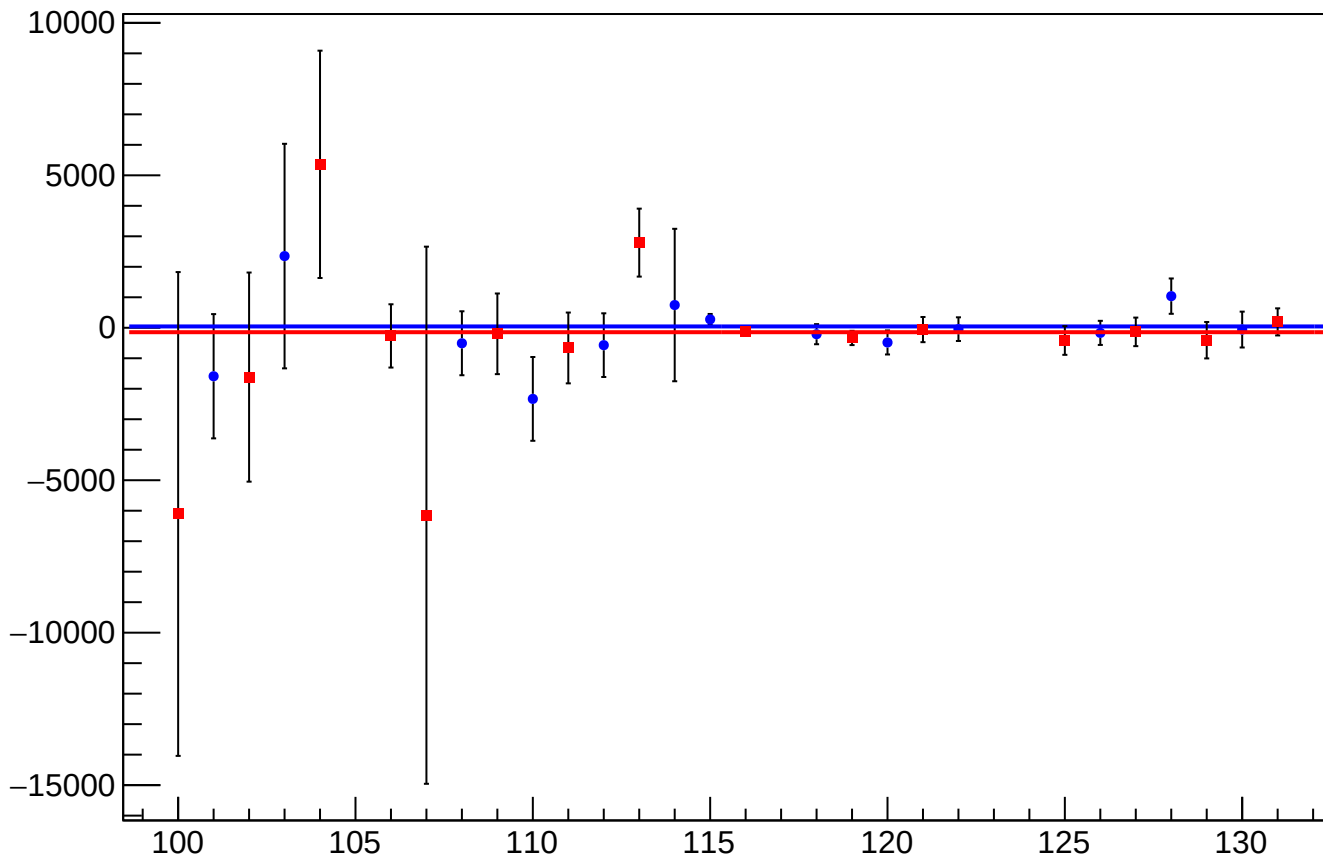
Right Out: 2363.279+/-0.684 χ^2/NDF : 155680.3/14

All: 2361.582+/-0.498 χ^2/NDF : 651507.1/27

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_mean vs Slug



Right In: 43.789+/-119.983 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -145.276+/-98.699 χ^2/NDF : 12.4/14

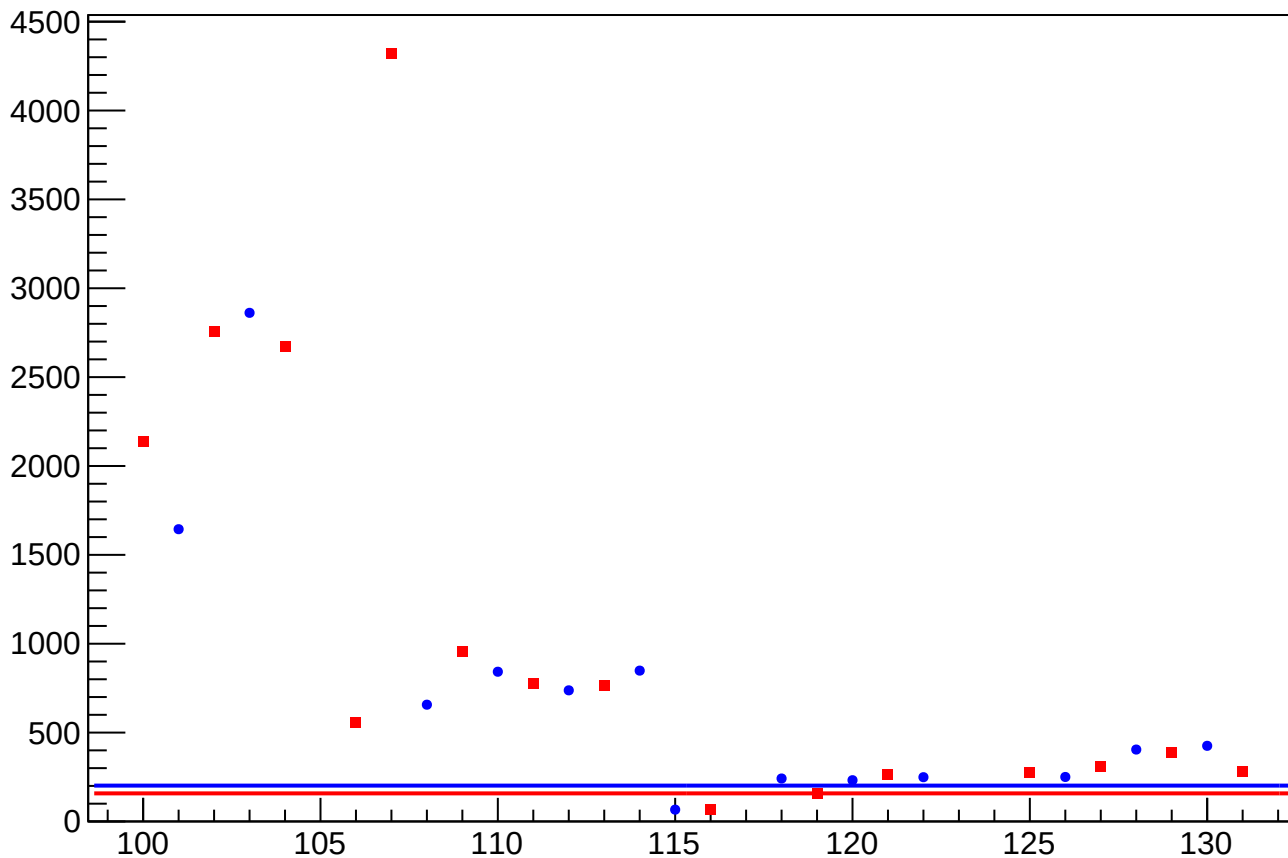
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.972+/-76.223 χ^2/NDF : 26.0/27

- 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: 201.686+/-0.085 χ^2/NDF : 5327222.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.980+/-0.070 χ^2/NDF : 6711924.4/14

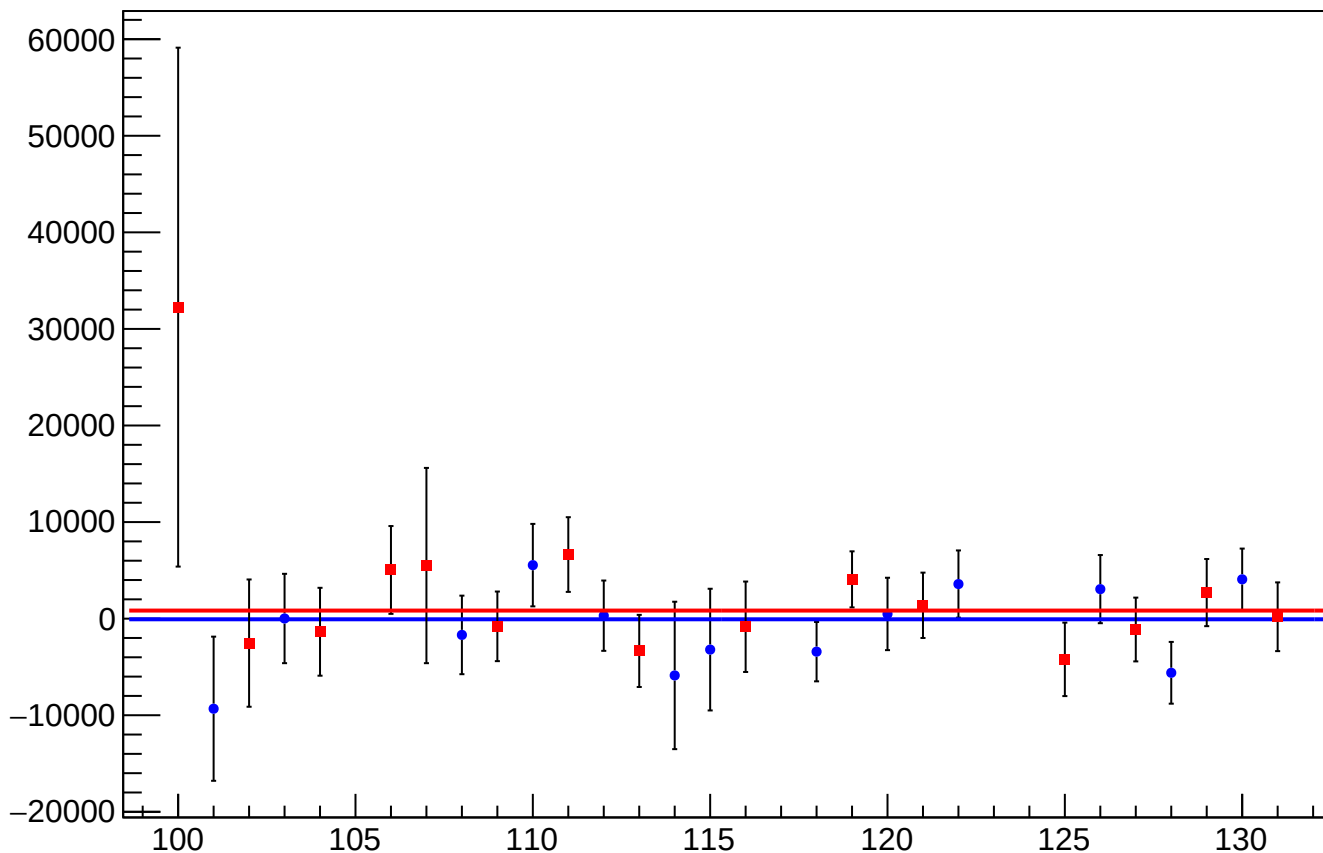
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.619+/-0.054 χ^2/NDF : 12197424.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -65.895+/-1094.821 χ^2 /NDF: 12.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 837.694+/-1042.123 χ^2 /NDF: 10.5/14

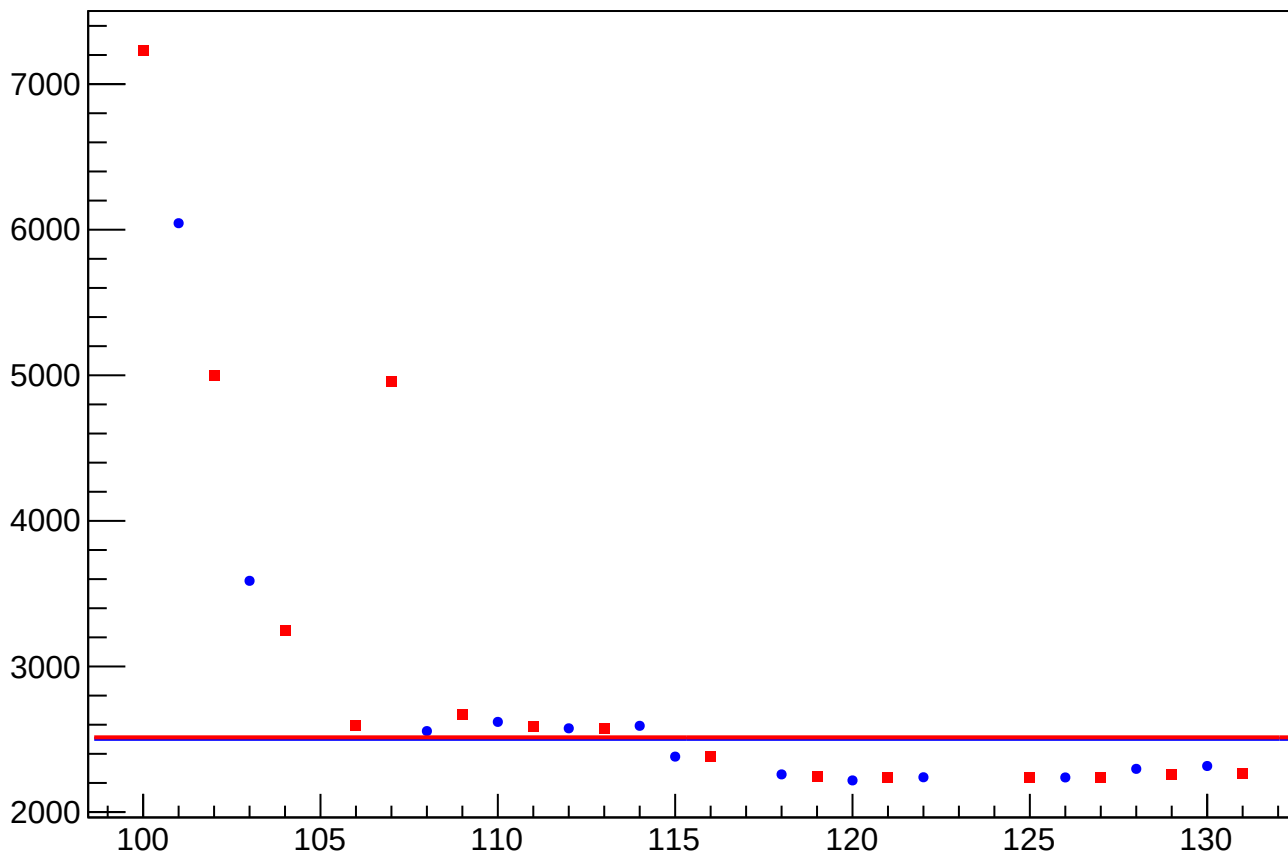
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 408.169+/-754.835 χ^2 /NDF: 22.9/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2502.968+/-0.774 χ^2/NDF : 626384.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2513.298+/-0.737 χ^2/NDF : 598967.1/14

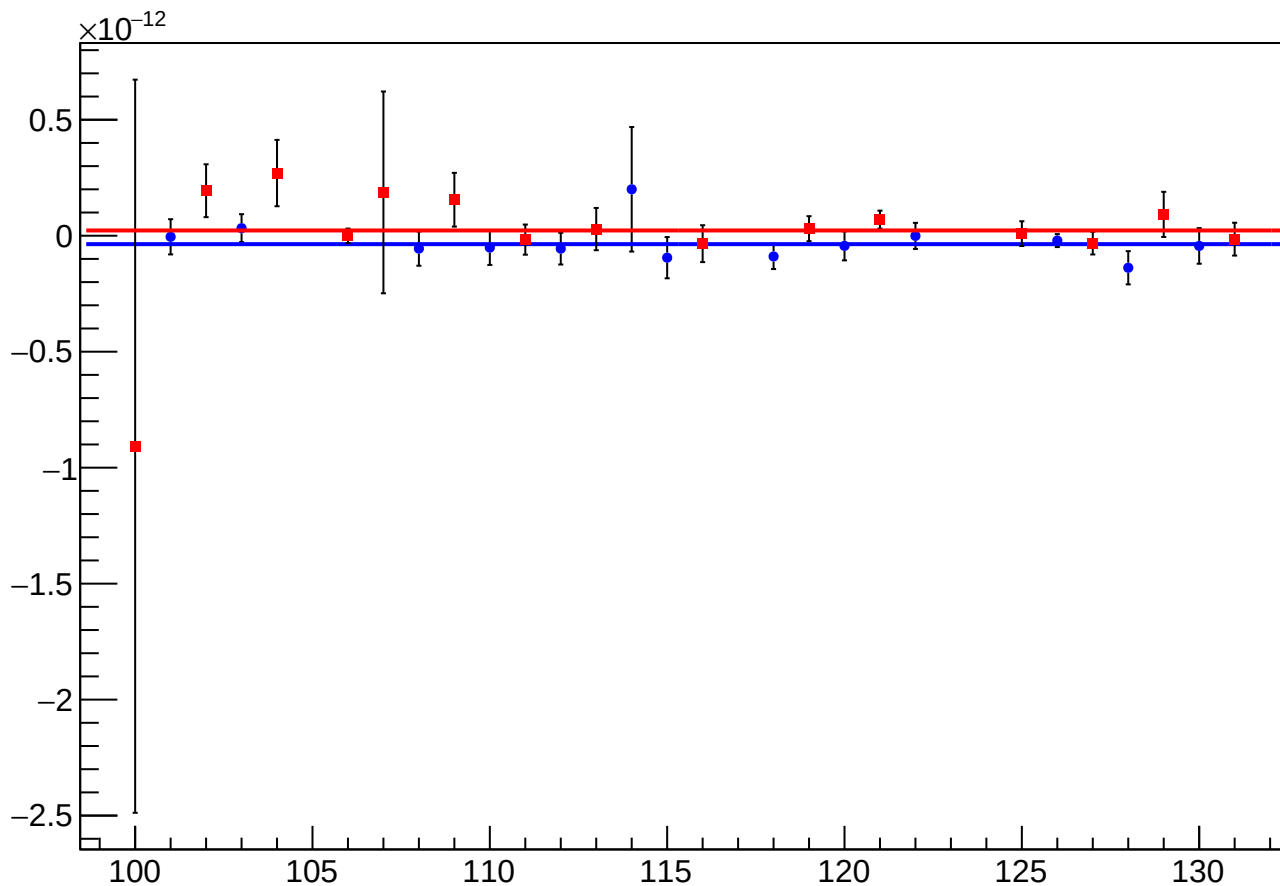
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2508.387+/-0.534 χ^2/NDF : 1225445.0/27

- 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: 6.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.0/14

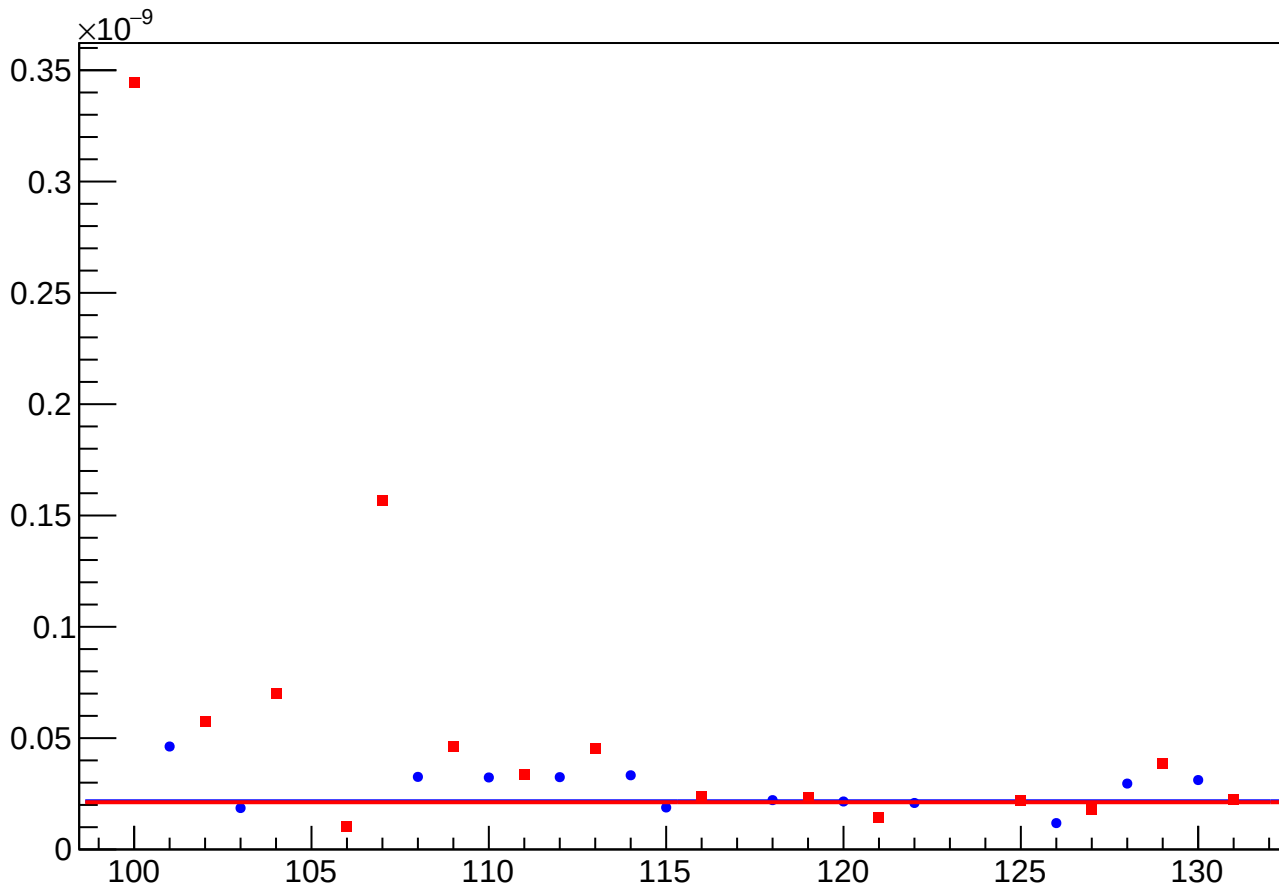
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 25.2/27

- 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 $\pm$ 0.000 χ^2 /NDF: 658110.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1403715.7/14

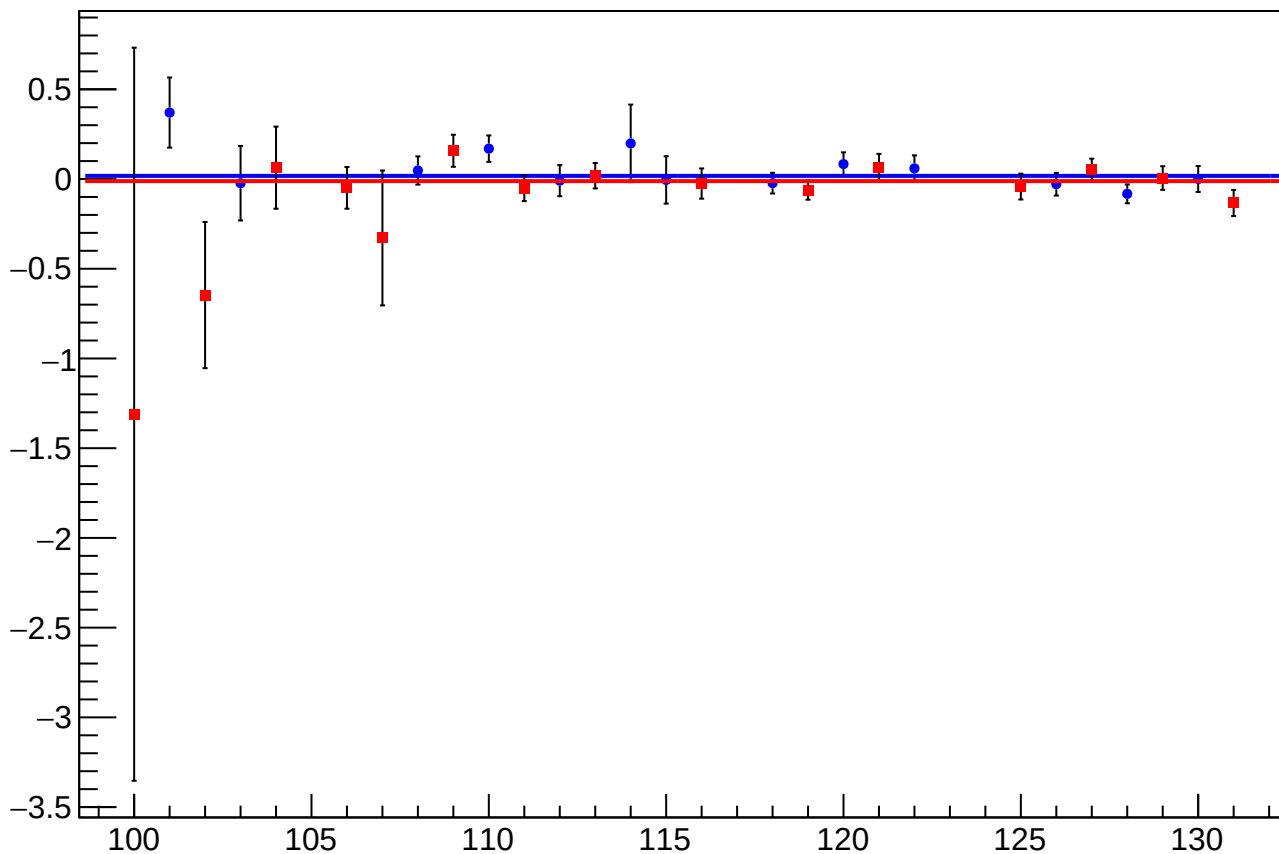
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2062522.4/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.018 $\pm$ 0.022 χ^2 /NDF: 14.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.012 $\pm$ 0.021 χ^2 /NDF: 14.0/14

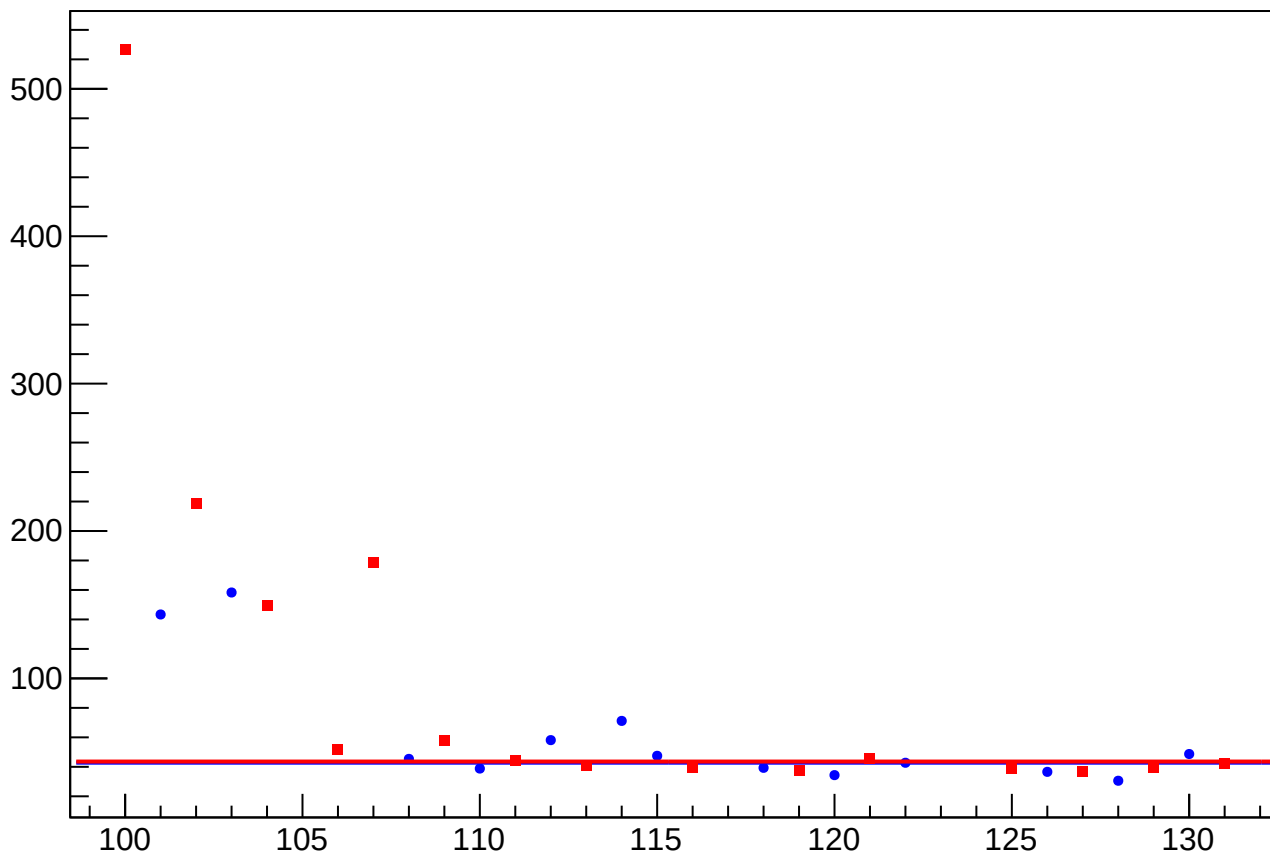
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.015 χ^2 /NDF: 29.5/27

- 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: 42.808+/-0.015 χ^2/NDF : 1437394.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.585+/-0.015 χ^2/NDF : 1307288.7/14

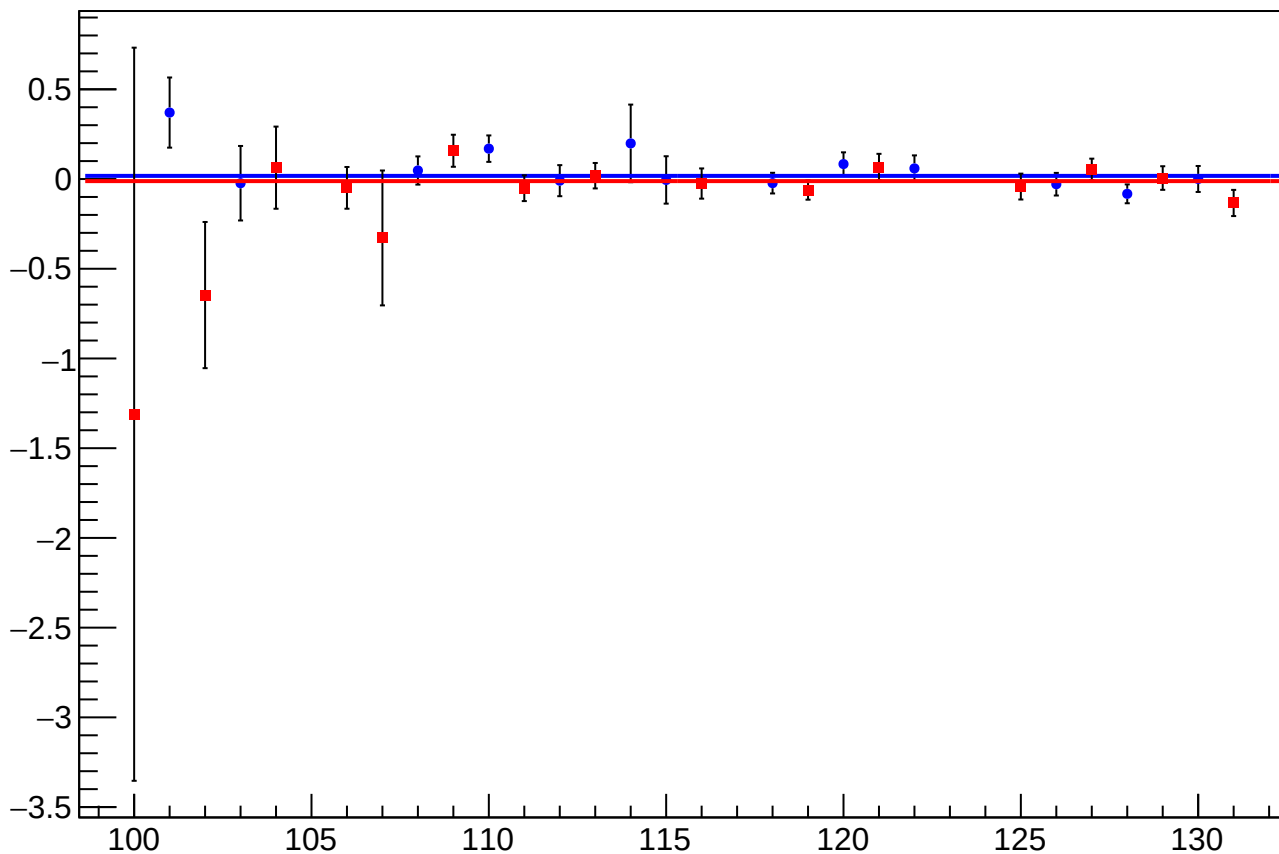
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.201+/-0.011 χ^2/NDF : 2745987.7/27

- 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: 0.018 $\pm$ 0.022 χ^2 /NDF: 14.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.012 $\pm$ 0.021 χ^2 /NDF: 14.0/14

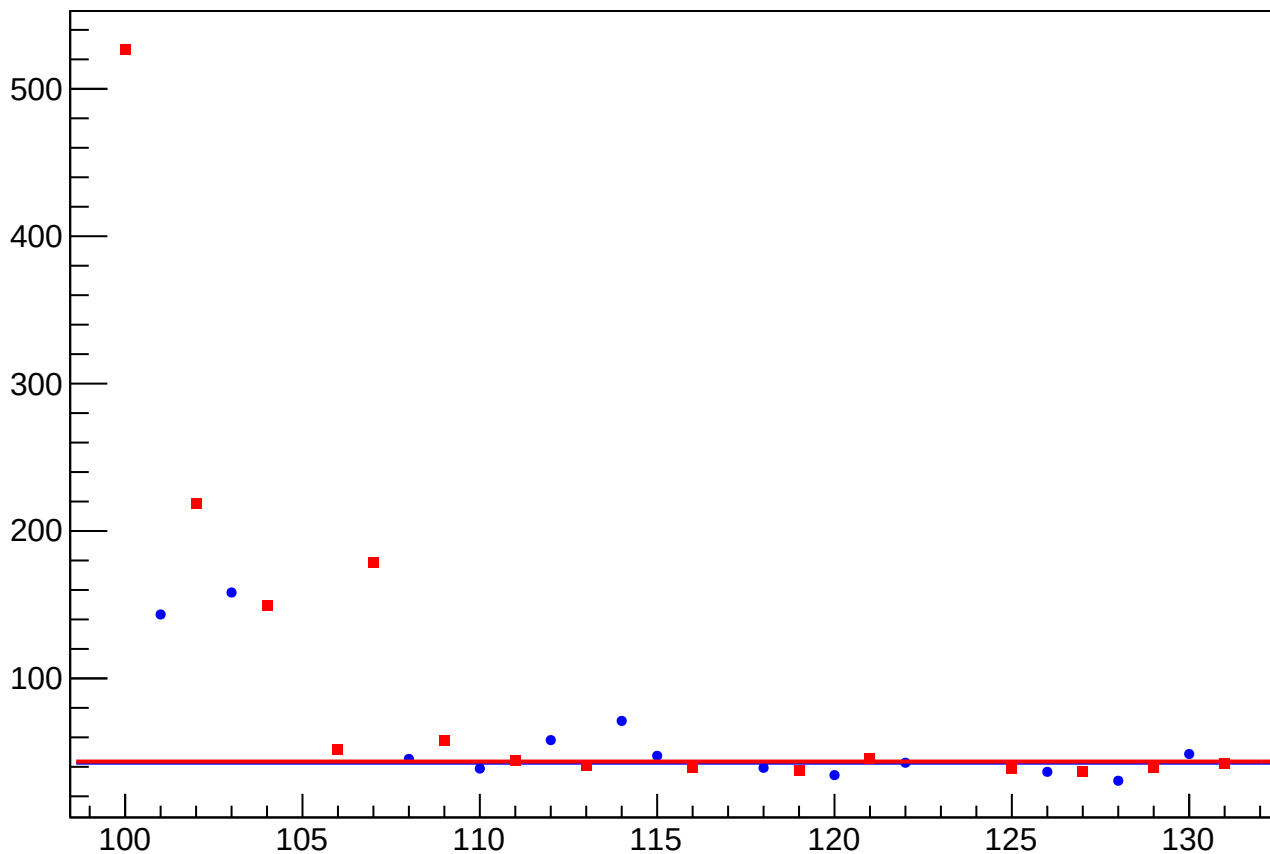
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.015 χ^2 /NDF: 29.5/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 42.808+/-0.015 χ^2/NDF : 1437394.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.585+/-0.015 χ^2/NDF : 1307288.7/14

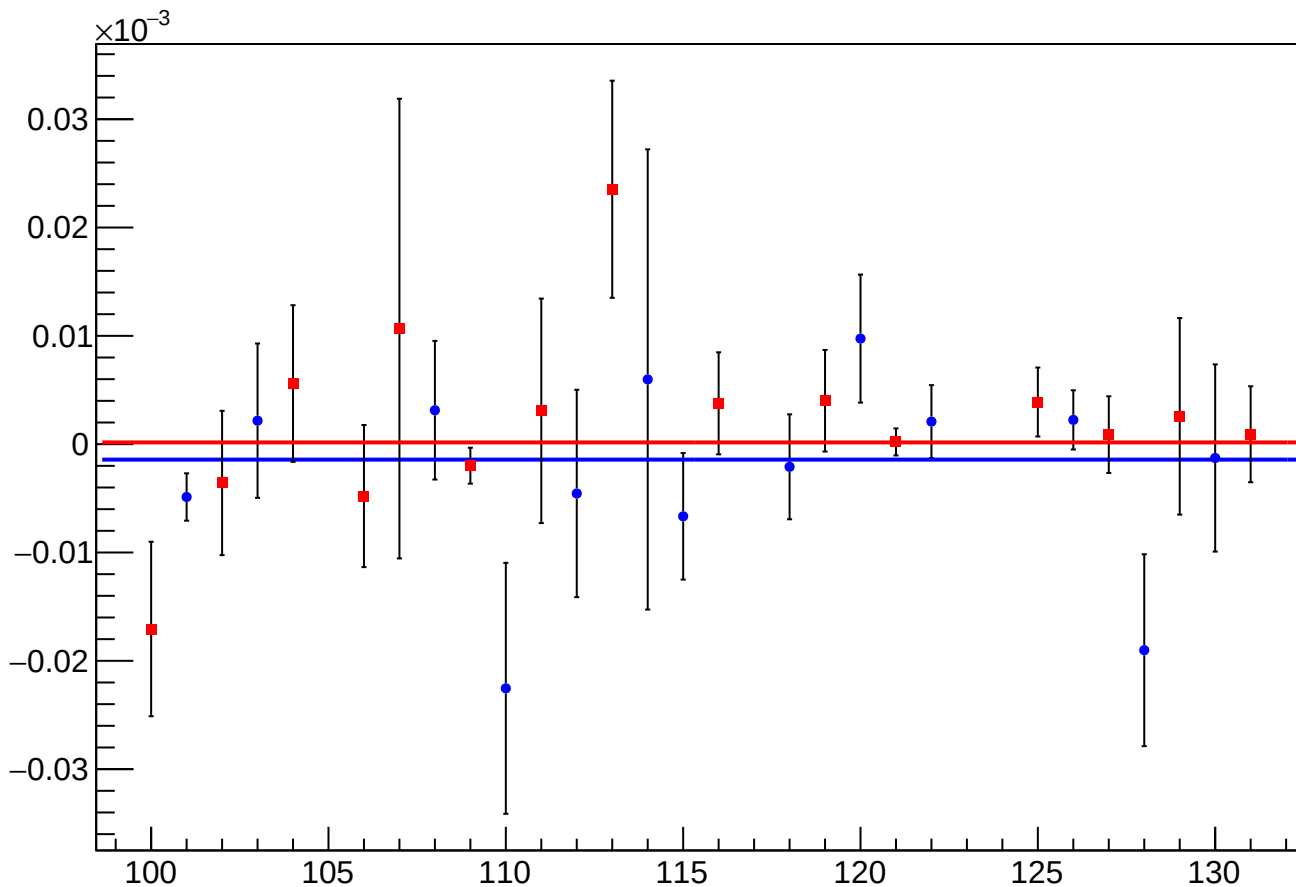
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.201+/-0.011 χ^2/NDF : 2745987.7/27

- 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 : 18.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.2/14

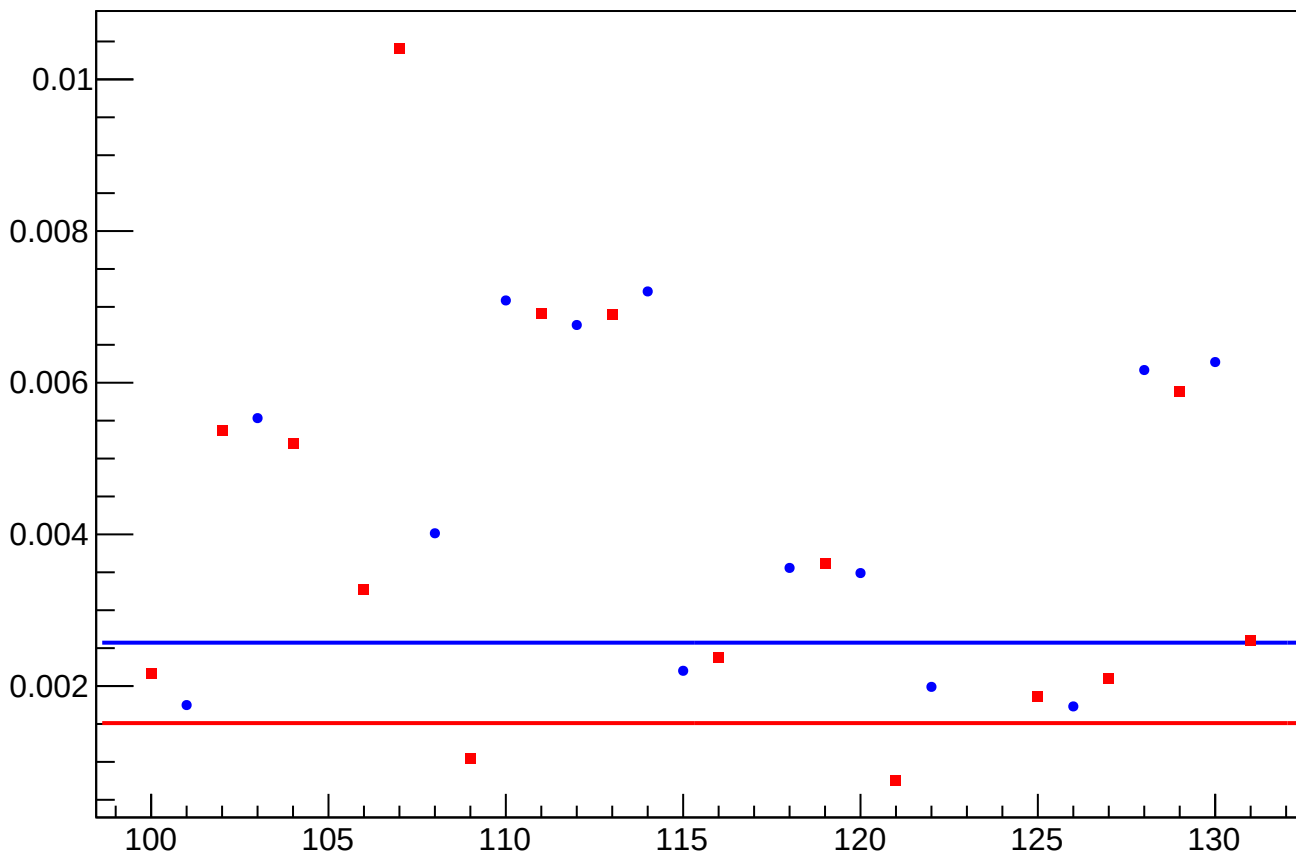
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 35.4/27

- 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 $\pm$ 0.000 χ^2 /NDF: 2596901.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 4858808.3/14

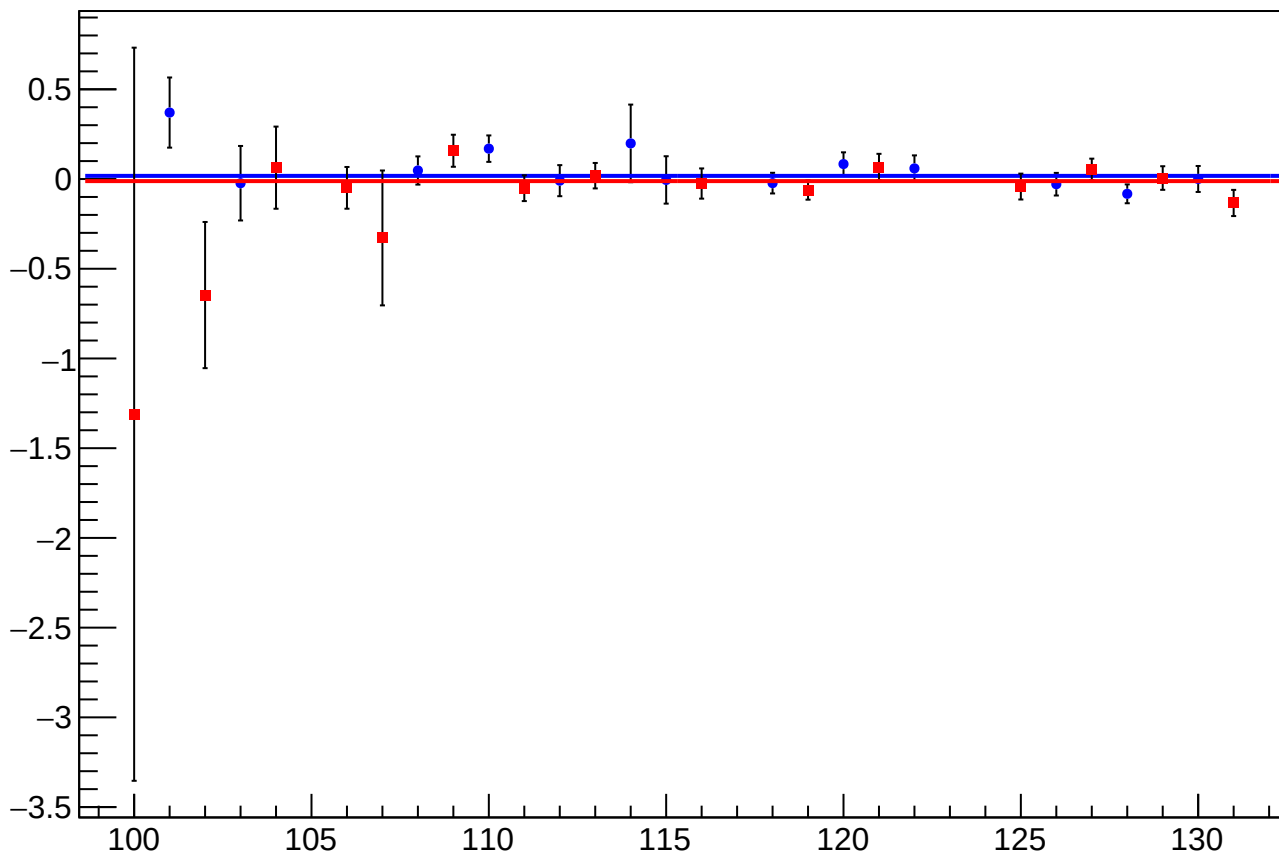
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 8433504.8/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.018 $\pm$ 0.022 χ^2 /NDF: 14.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.012 $\pm$ 0.021 χ^2 /NDF: 14.0/14

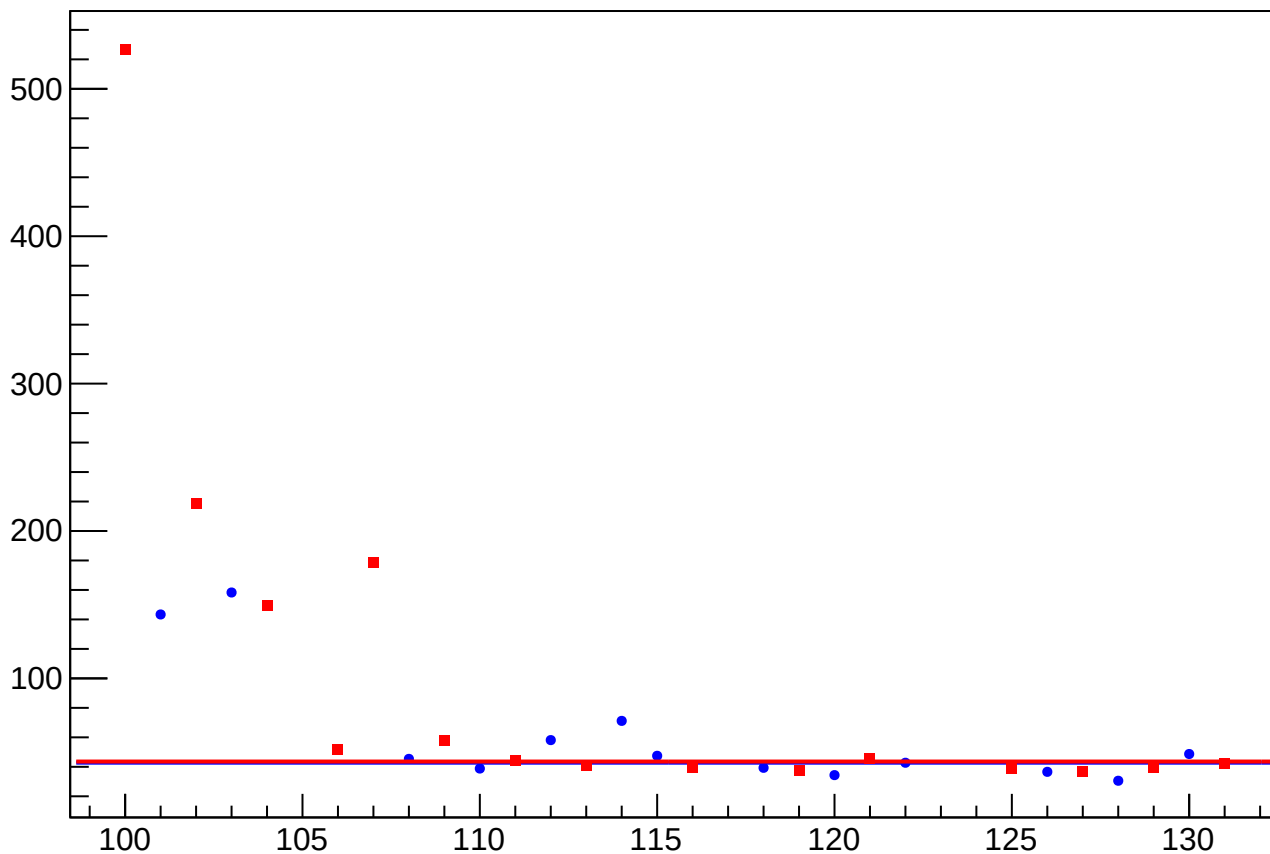
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.015 χ^2 /NDF: 29.5/27

- 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: 42.805+/-0.015 χ^2/NDF : 1437632.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.586+/-0.015 χ^2/NDF : 1307259.8/14

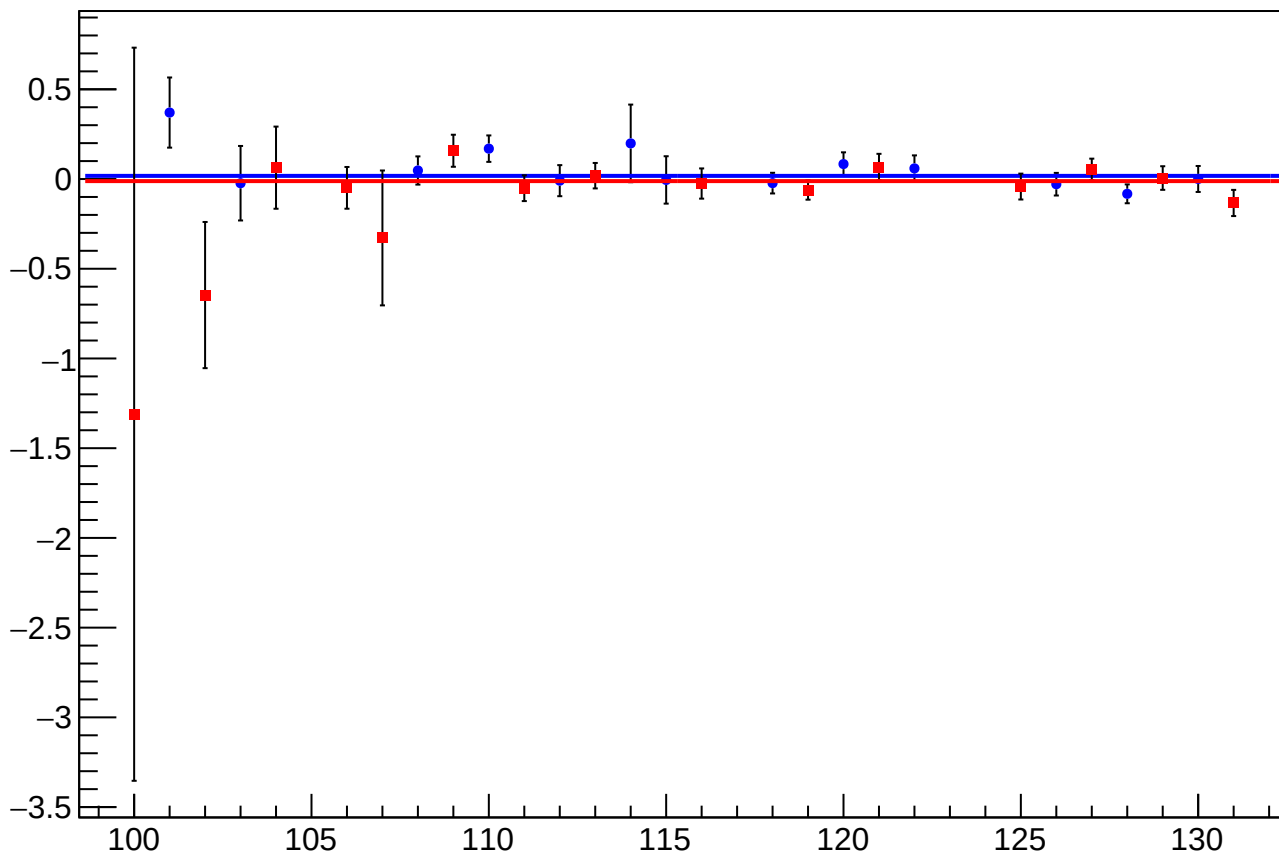
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.200+/-0.011 χ^2/NDF : 2746210.1/27

- 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: 0.018 $\pm$ 0.022 χ^2 /NDF: 14.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.012 $\pm$ 0.021 χ^2 /NDF: 14.0/14

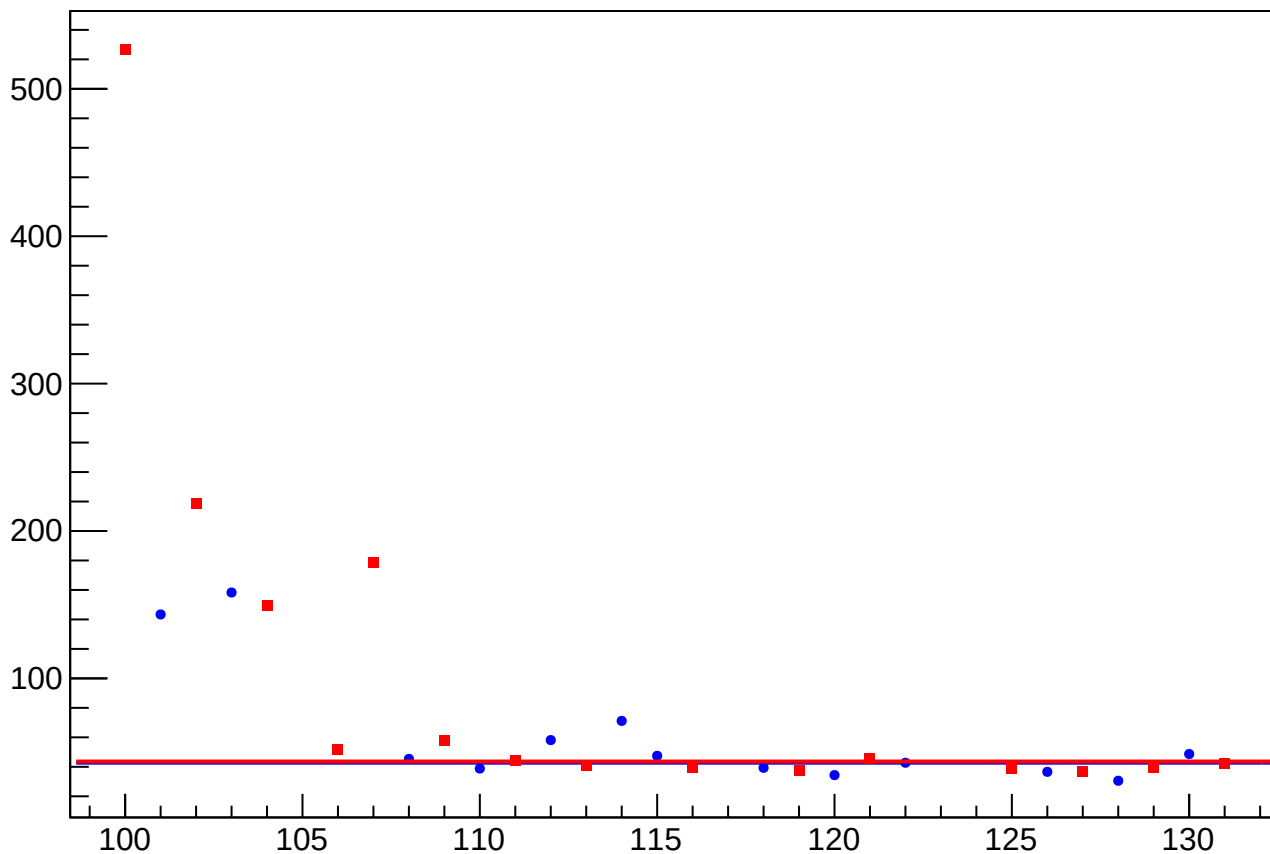
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.015 χ^2 /NDF: 29.5/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 42.805+/-0.015 χ^2/NDF : 1437632.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.586+/-0.015 χ^2/NDF : 1307259.8/14

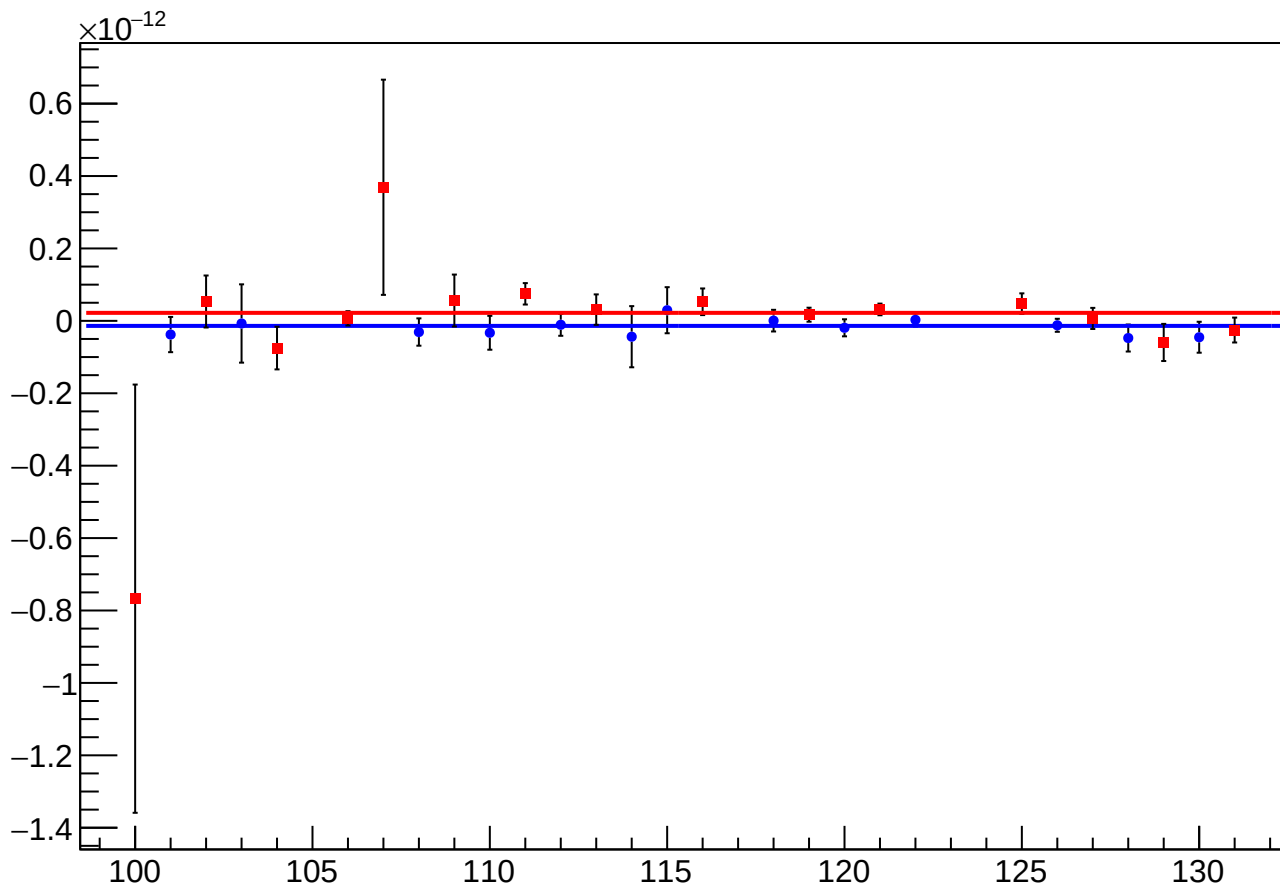
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.200+/-0.011 χ^2/NDF : 2746210.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 3.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.7/14

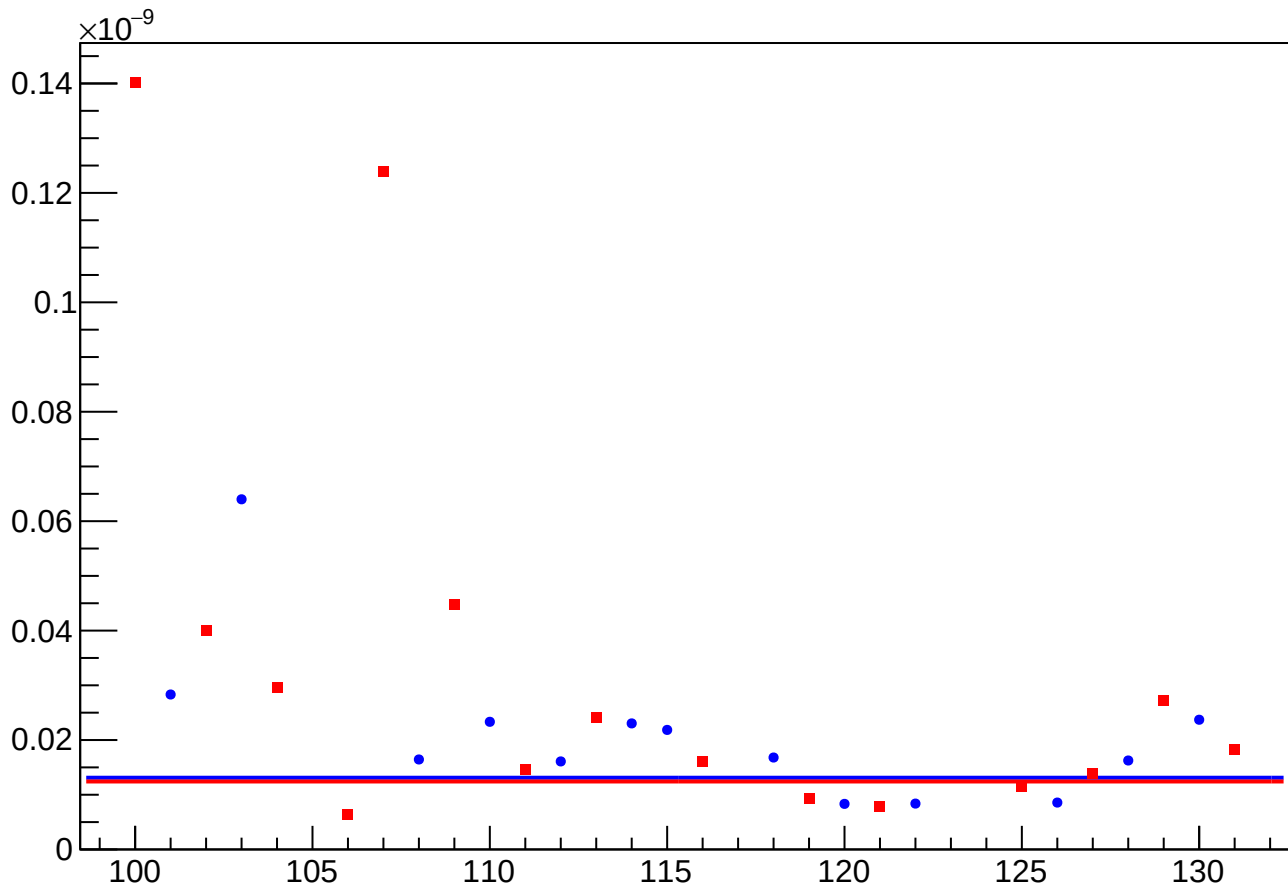
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1344639.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2060686.0/14

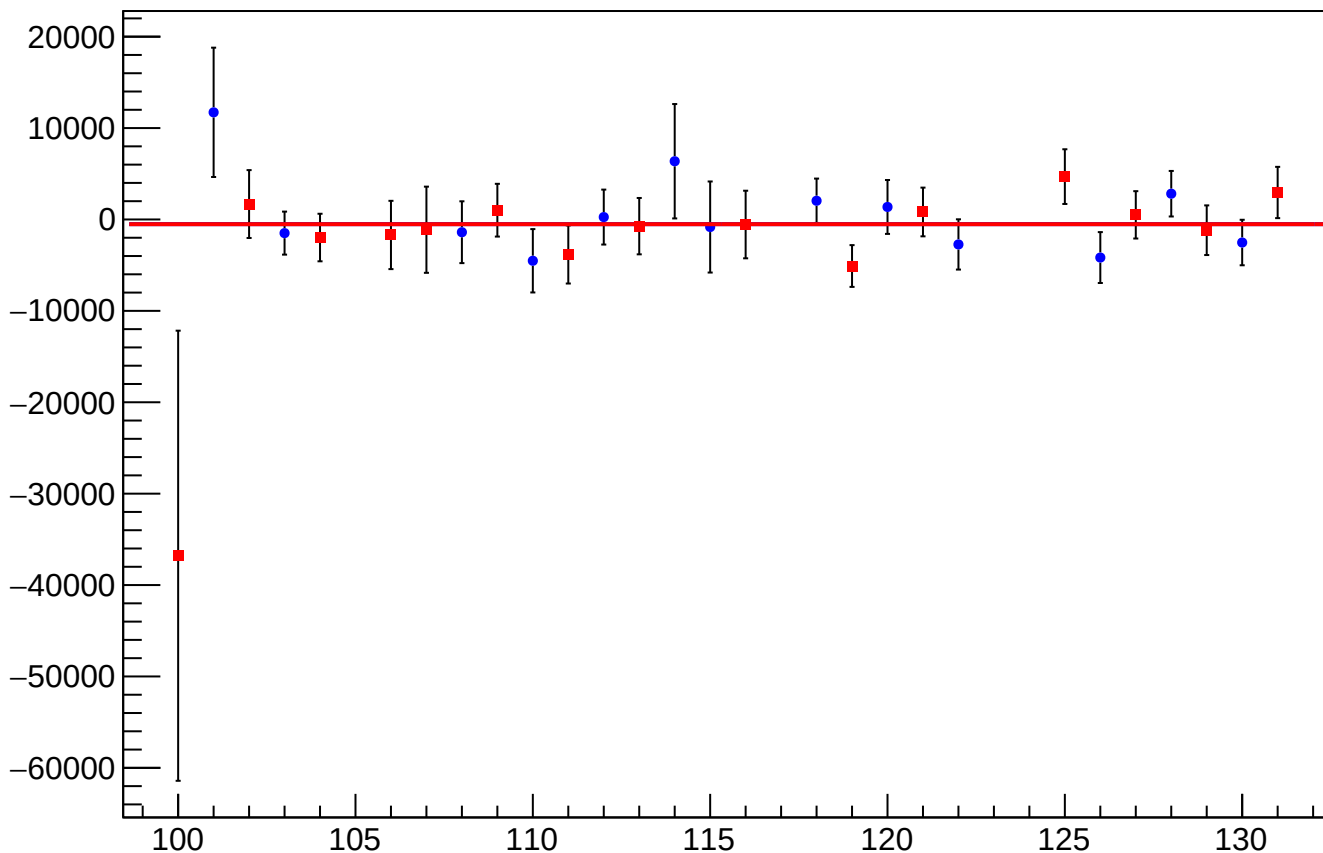
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3412170.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -510.520+/-840.324 χ^2 /NDF: 12.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -516.966+/-792.628 χ^2 /NDF: 13.4/14

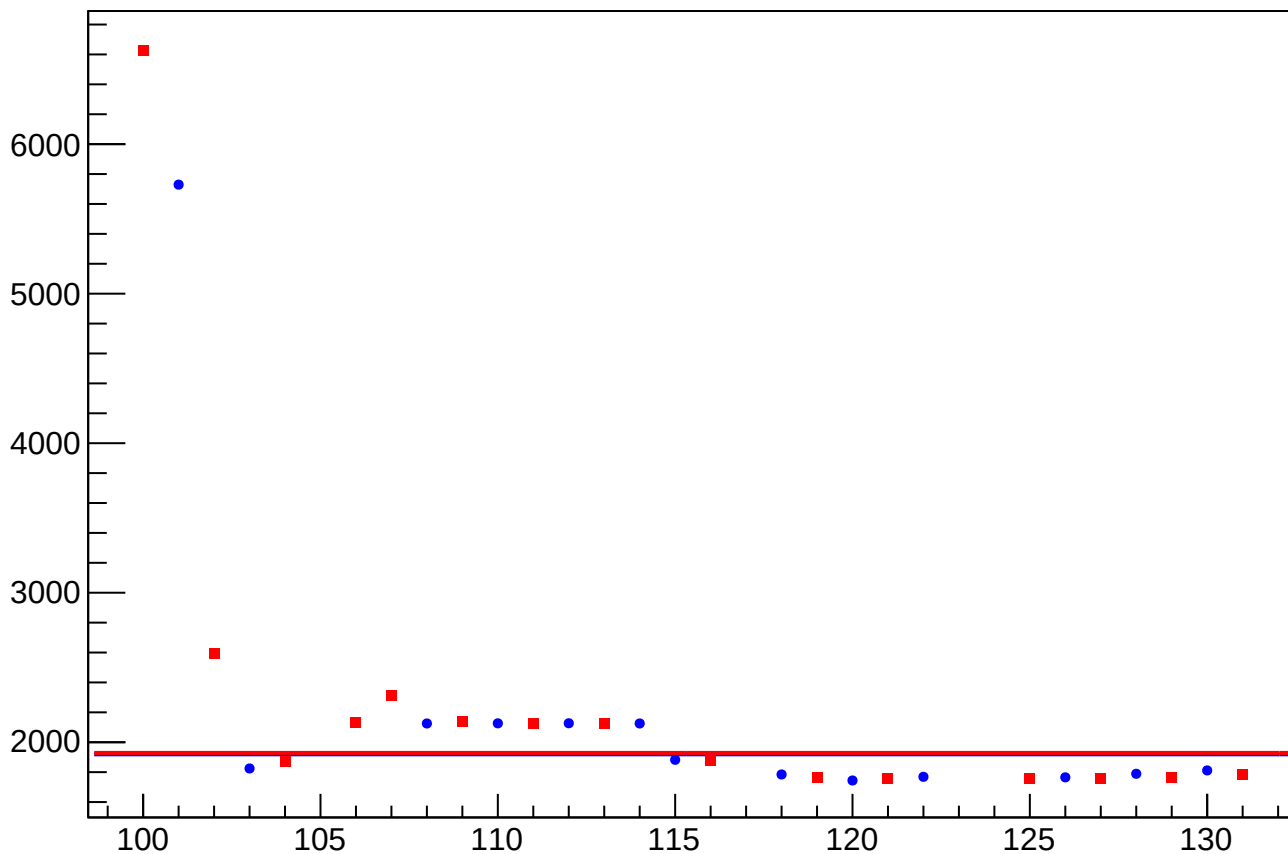
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -513.931+/-576.597 χ^2 /NDF: 25.5/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 1919.262 $\pm$ 0.594 χ^2 /NDF: 644144.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1928.816 $\pm$ 0.560 χ^2 /NDF: 230086.8/14

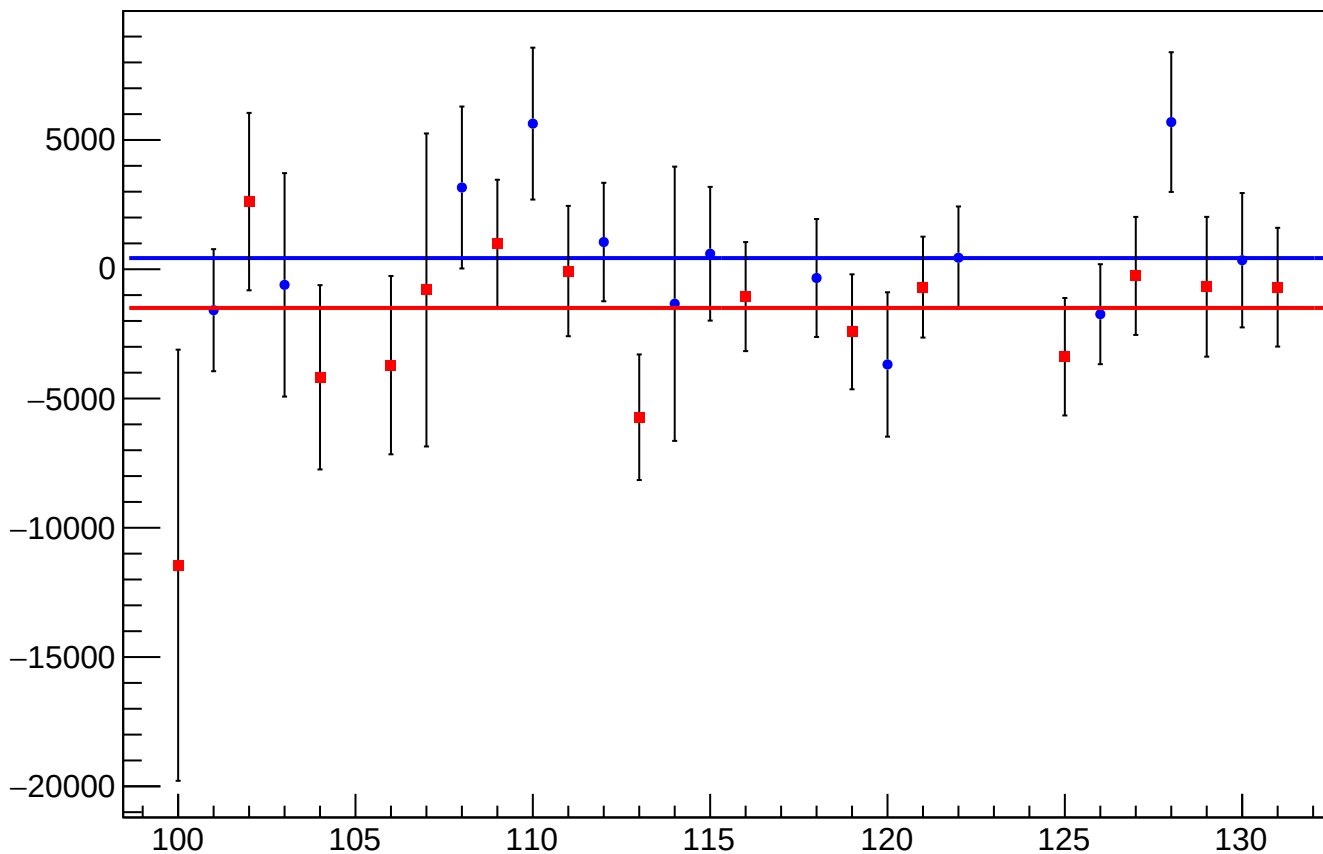
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1924.318 $\pm$ 0.408 χ^2 /NDF: 874367.6/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_reg_correction_mean vs Slug



Right In: 431.799+/-715.421 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1497.164+/-677.194 χ^2/NDF : 9.8/14

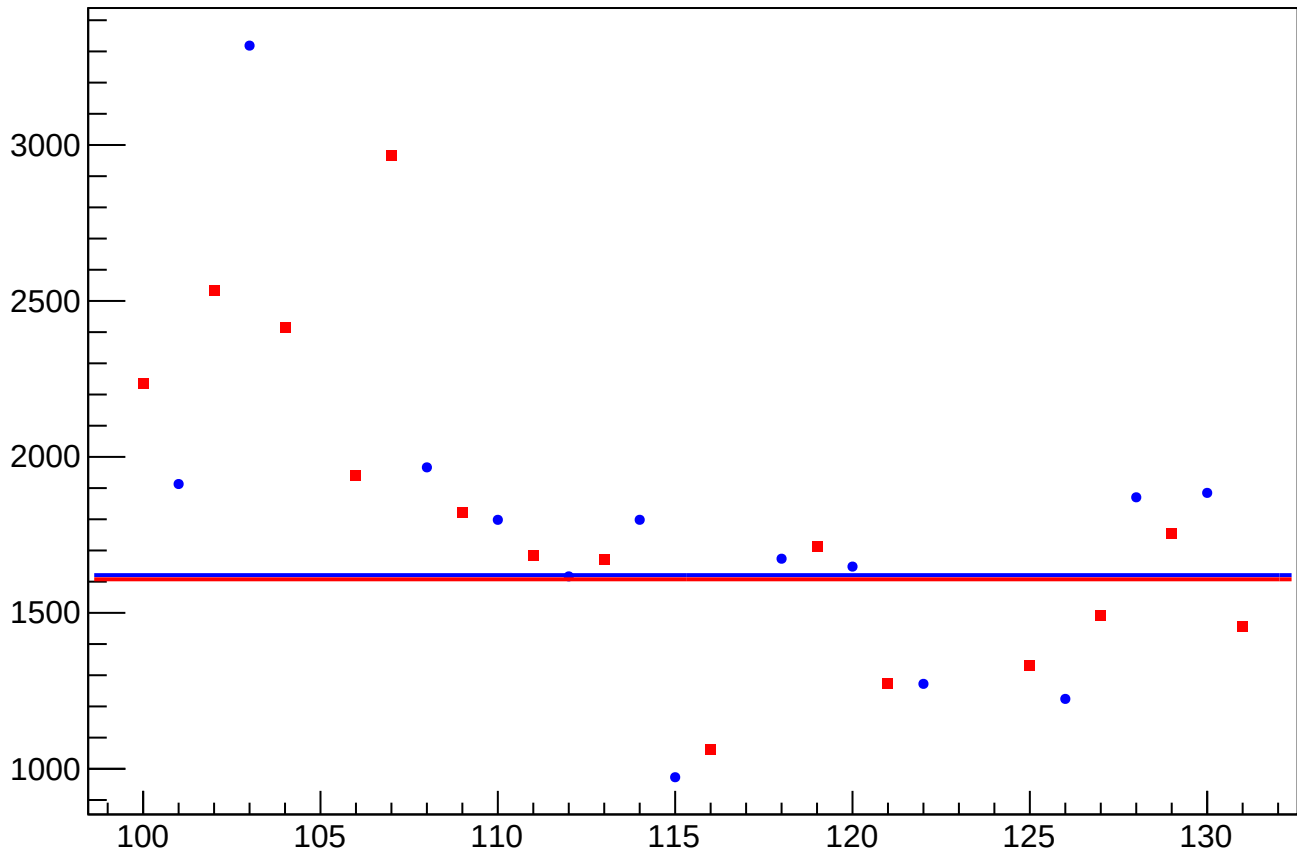
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -585.592+/-491.808 χ^2/NDF : 25.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_reg_correction_rms vs Slug



Right In: 1620.903+/-0.506 χ^2/NDF : 683608.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1607.577+/-0.479 χ^2/NDF : 642711.7/14

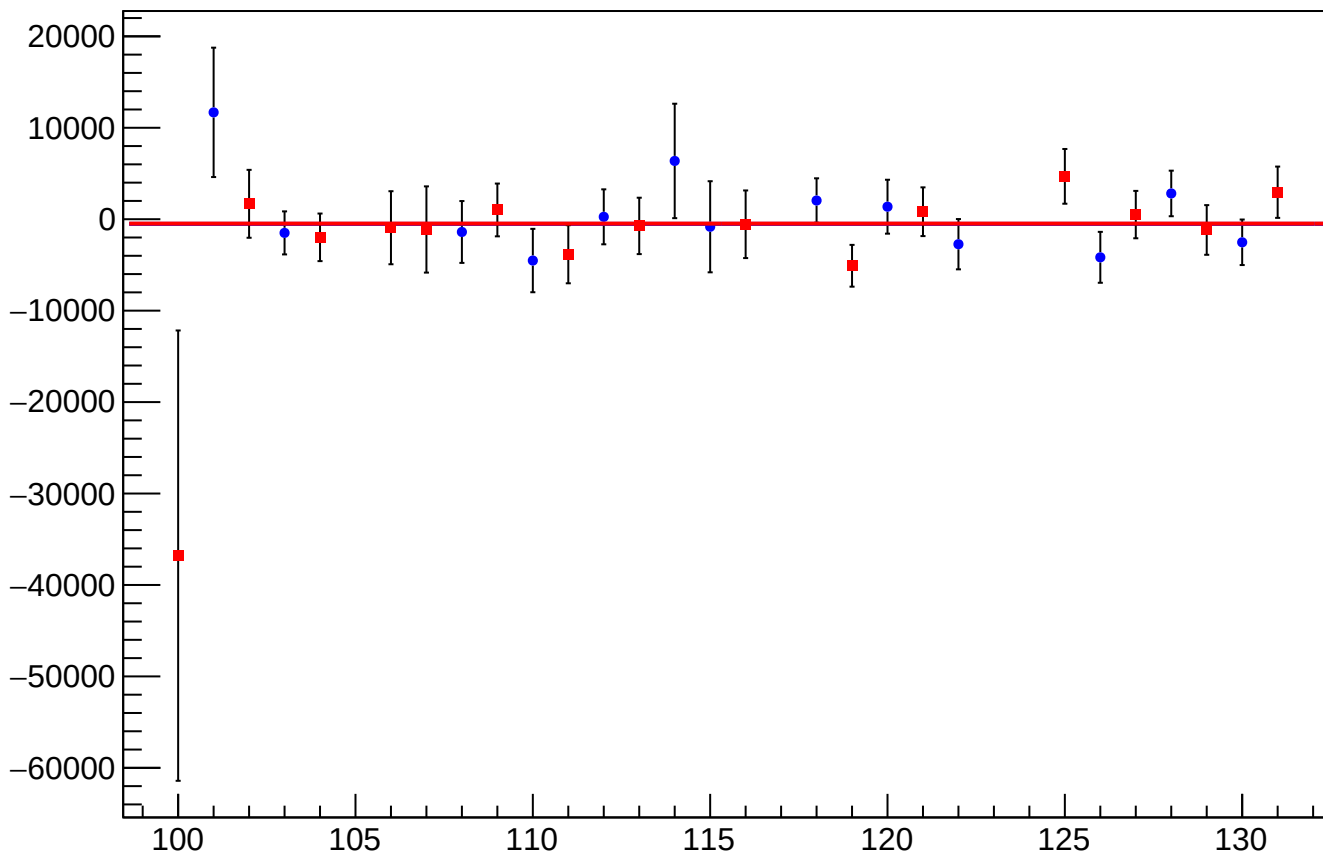
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1613.875+/-0.348 χ^2/NDF : 1326686.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -511.497+/-840.324 χ^2 /NDF: 12.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -480.677+/-794.874 χ^2 /NDF: 13.3/14

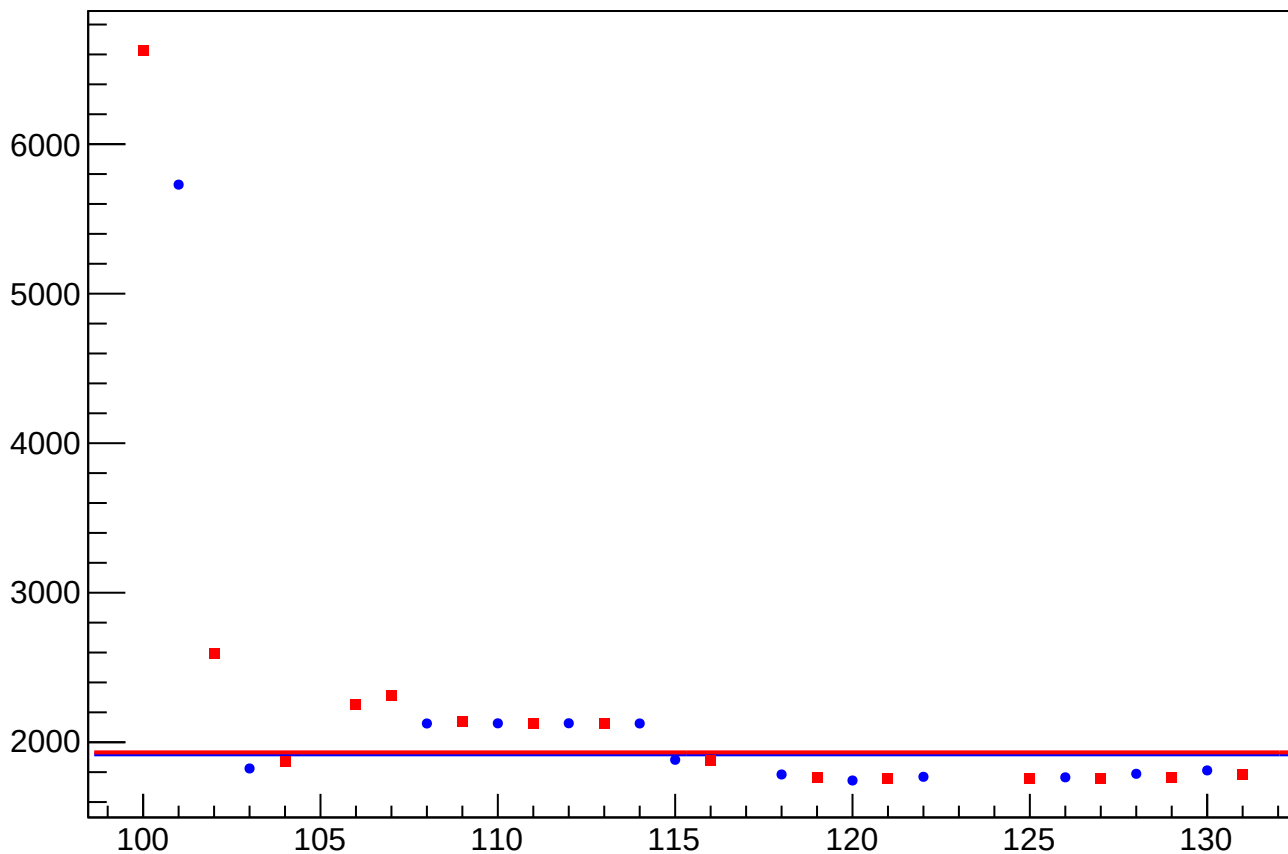
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -495.231+/-577.460 χ^2 /NDF: 25.4/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 1919.262 $\pm$ 0.594 χ^2 /NDF: 644143.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1932.282 $\pm$ 0.562 χ^2 /NDF: 236969.0/14

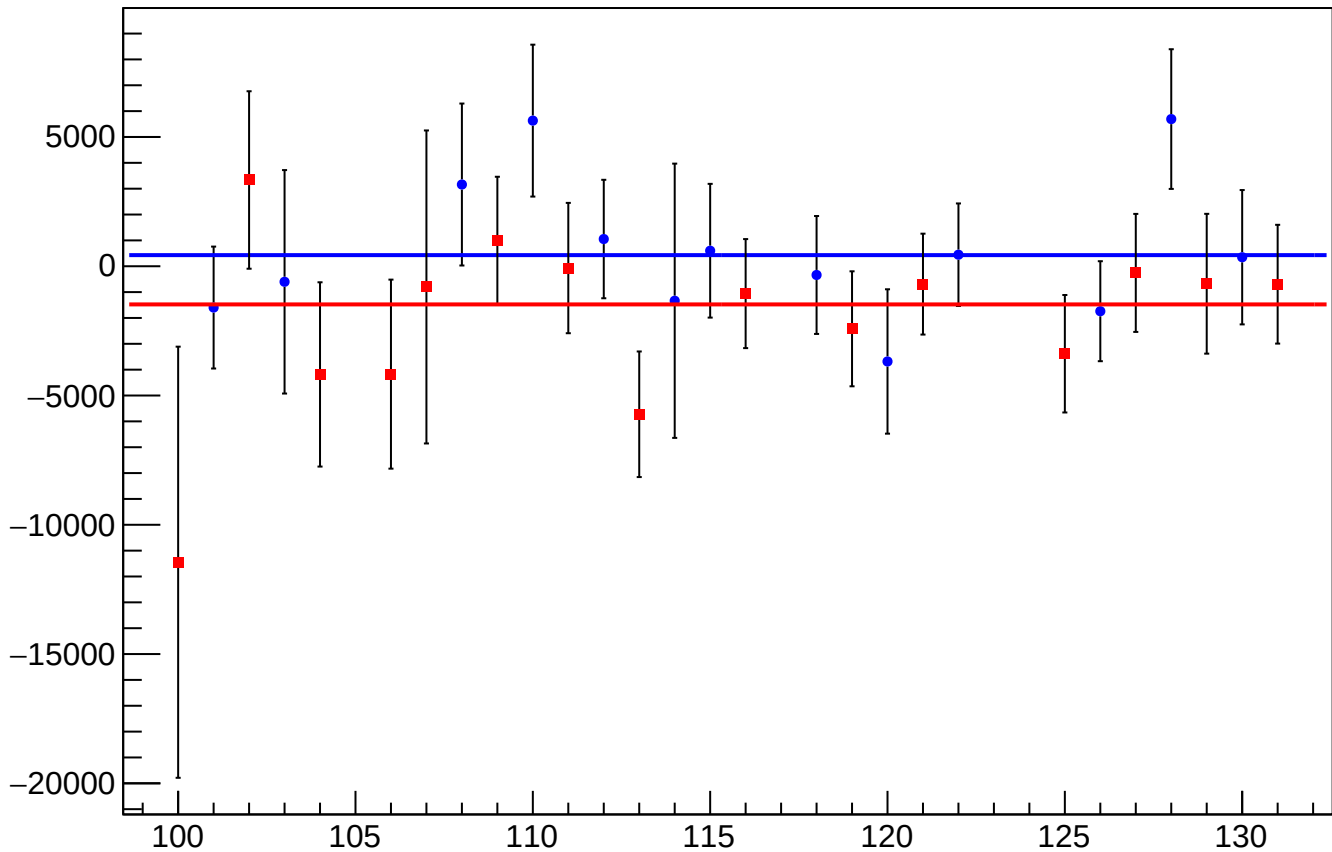
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1926.134 $\pm$ 0.408 χ^2 /NDF: 881366.3/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_cor_correction_mean vs Slug



Right In: 430.195+/-715.333 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1476.118+/-678.635 χ^2/NDF : 10.5/14

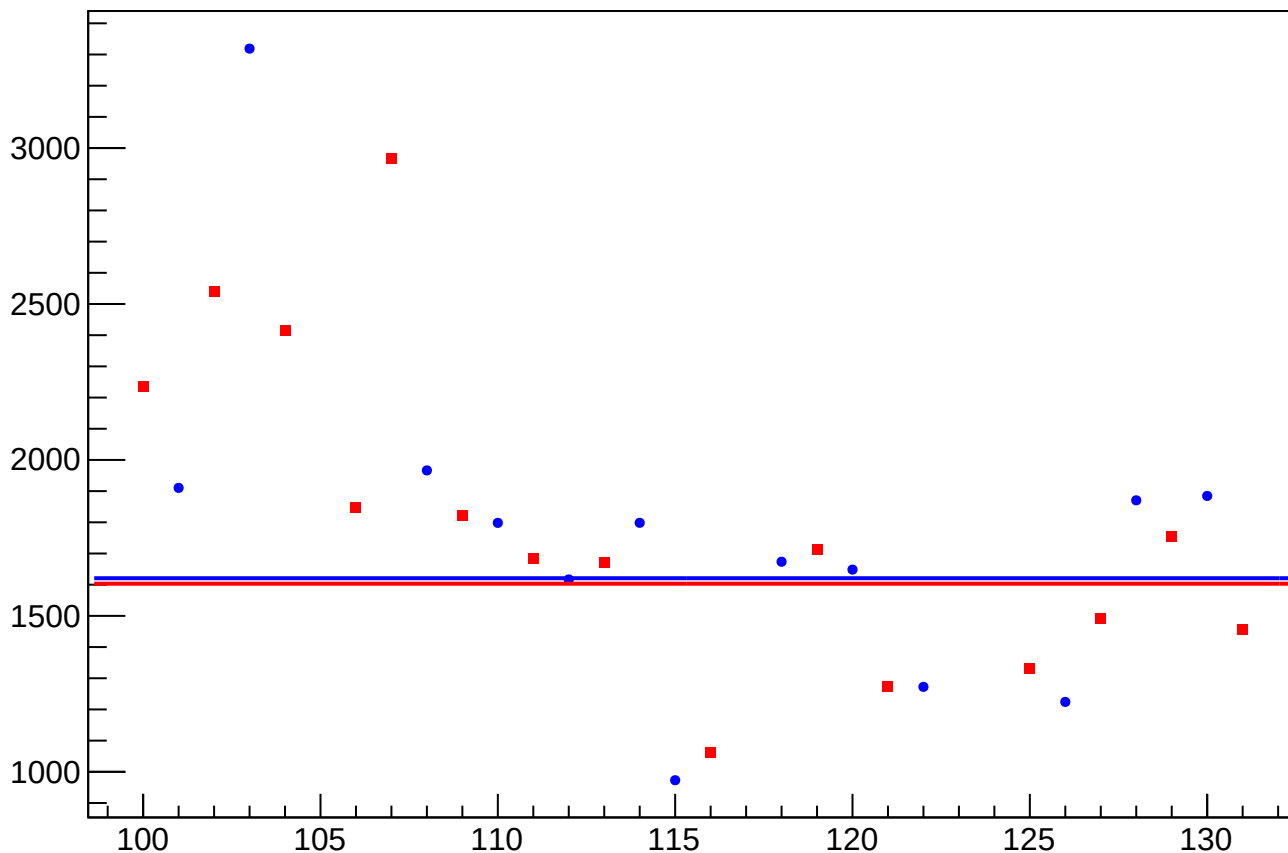
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -573.113+/-492.330 χ^2/NDF : 26.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_cor_correction_rms vs Slug



Right In: 1620.734+/-0.506 χ^2/NDF : 683192.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1603.134+/-0.480 χ^2/NDF : 634338.0/14

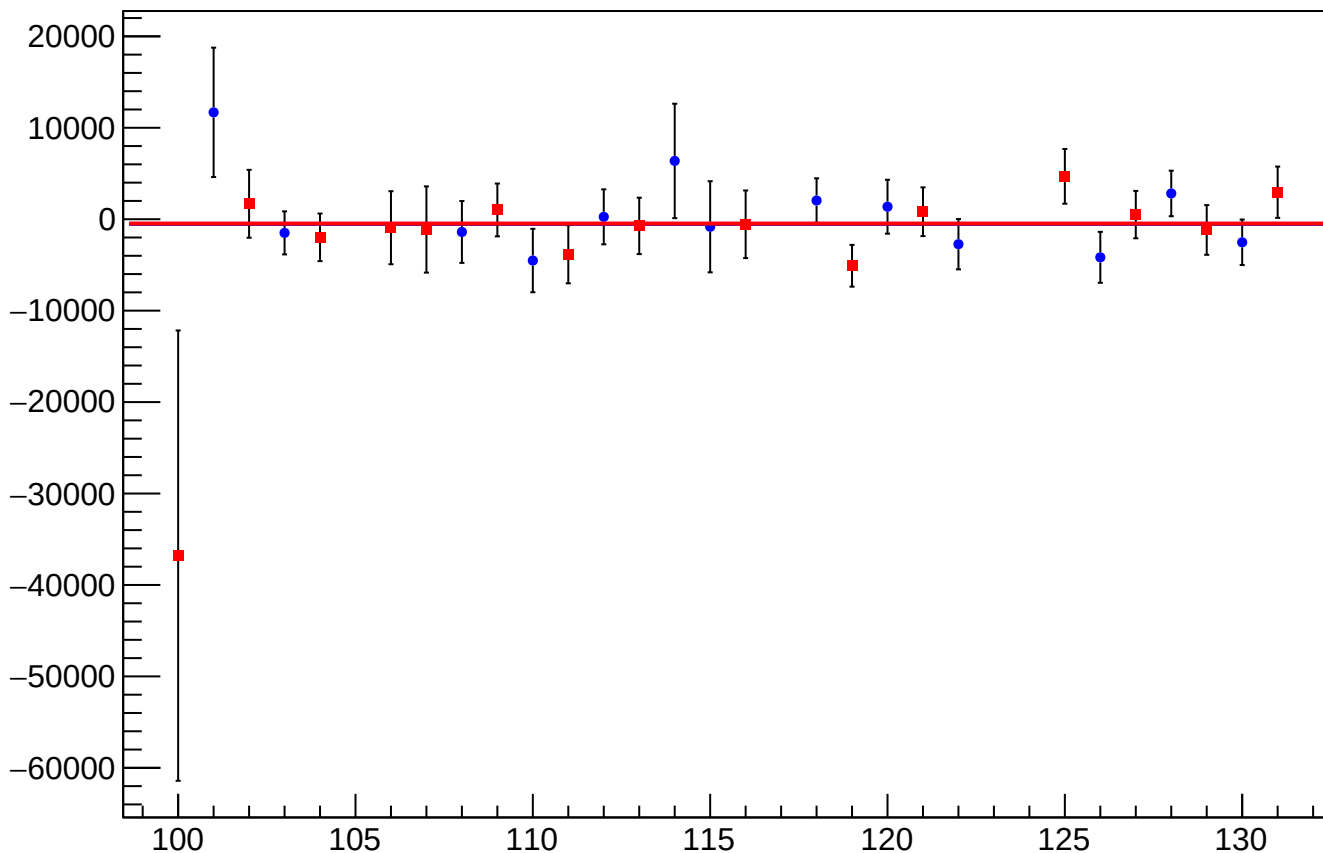
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1611.471+/-0.348 χ^2/NDF : 1318167.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -511.497+/-840.324 χ^2 /NDF: 12.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -480.677+/-794.874 χ^2 /NDF: 13.3/14

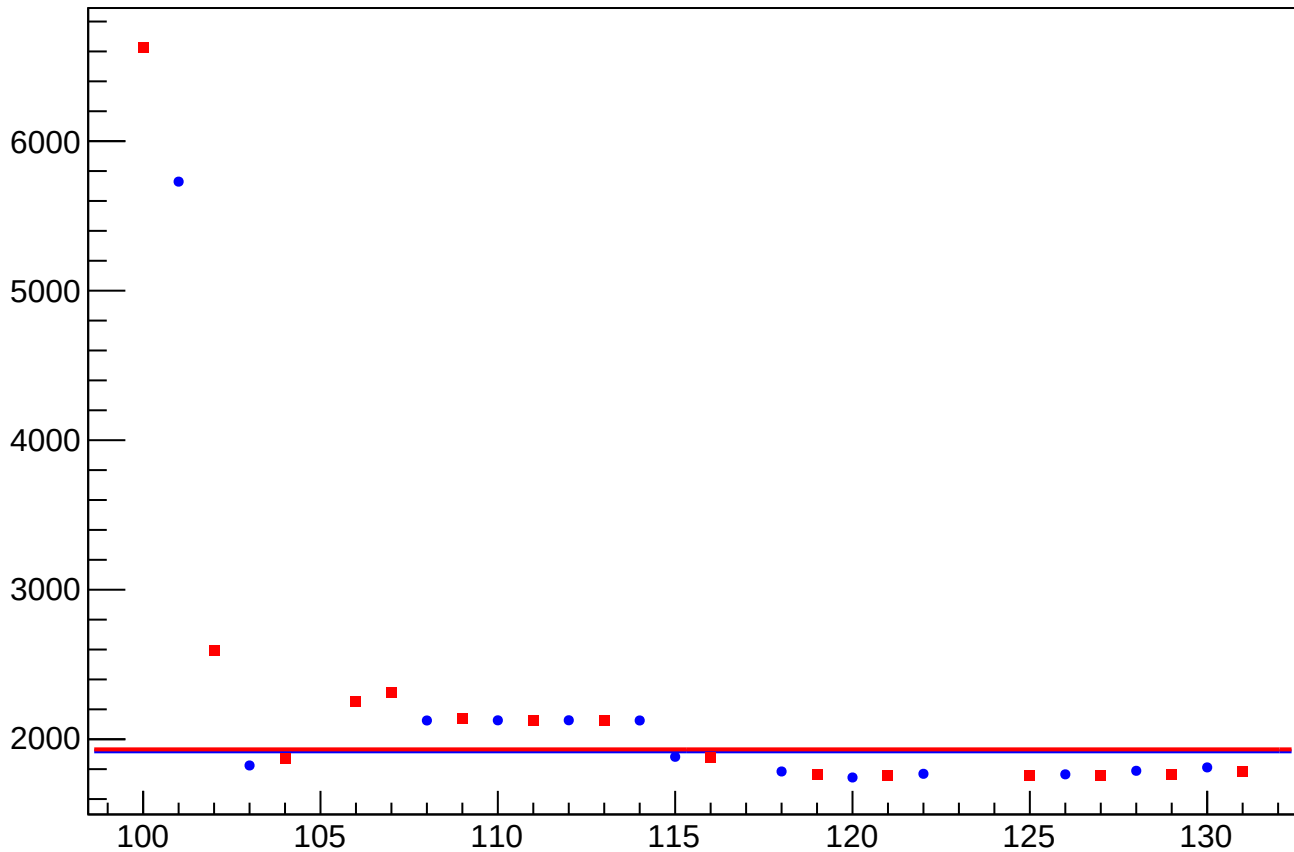
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -495.231+/-577.460 χ^2 /NDF: 25.4/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 1919.262 $\pm$ 0.594 χ^2 /NDF: 644143.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1932.282 $\pm$ 0.562 χ^2 /NDF: 236969.0/14

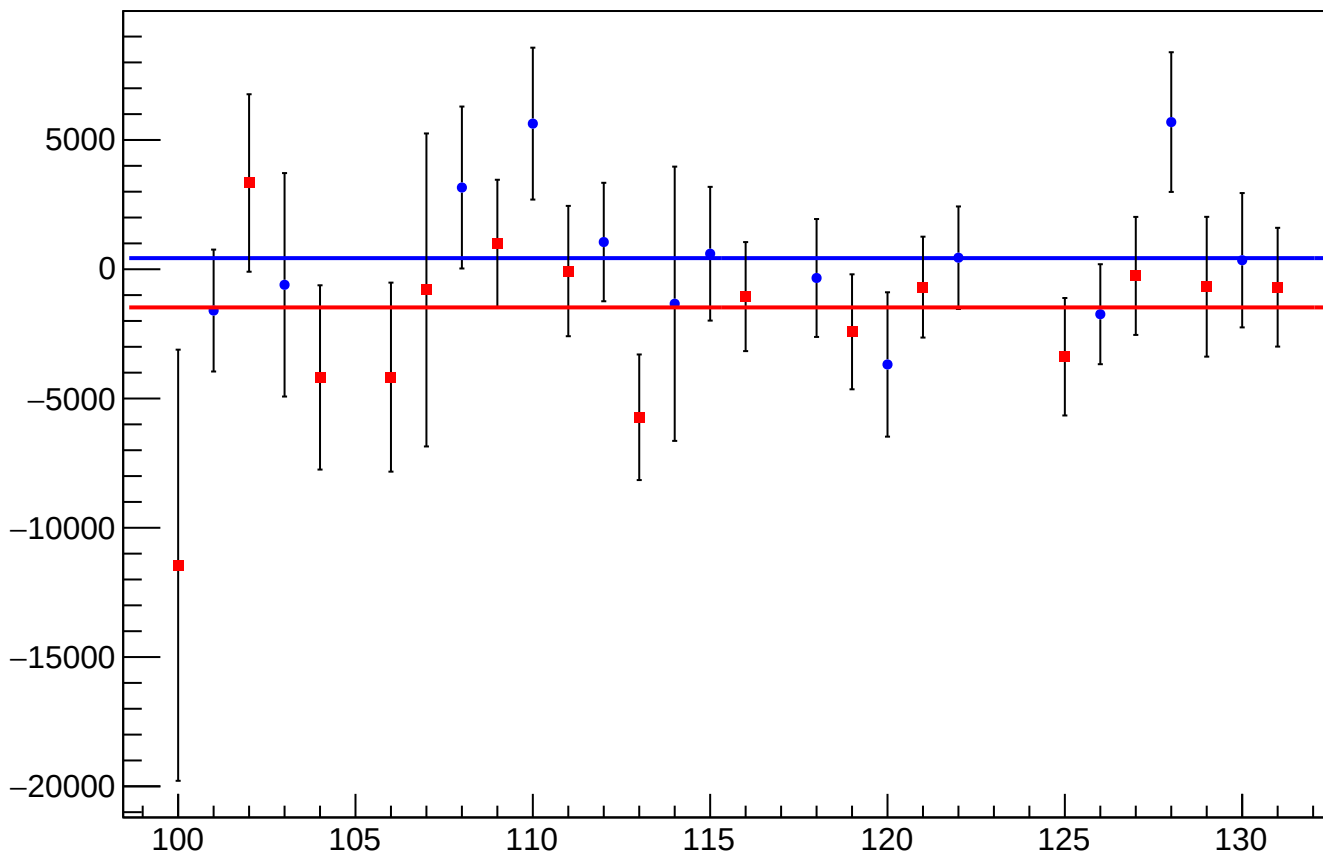
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1926.134 $\pm$ 0.408 χ^2 /NDF: 881366.3/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_mean vs Slug



Right In: 430.195+/-715.333 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1476.118+/-678.635 χ^2/NDF : 10.5/14

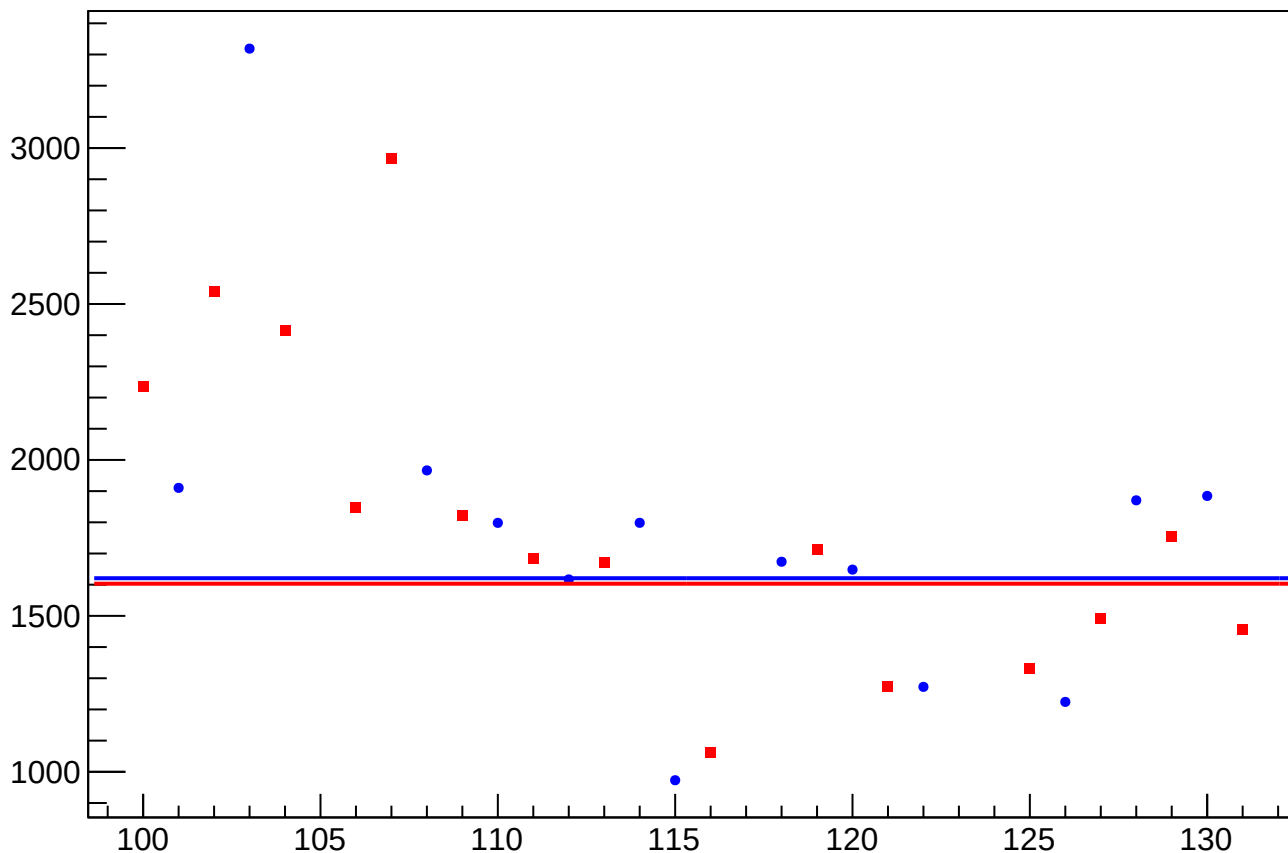
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -573.113+/-492.330 χ^2/NDF : 26.4/27

- 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: 1620.734+/-0.506 χ^2/NDF : 683192.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1603.134+/-0.480 χ^2/NDF : 634338.0/14

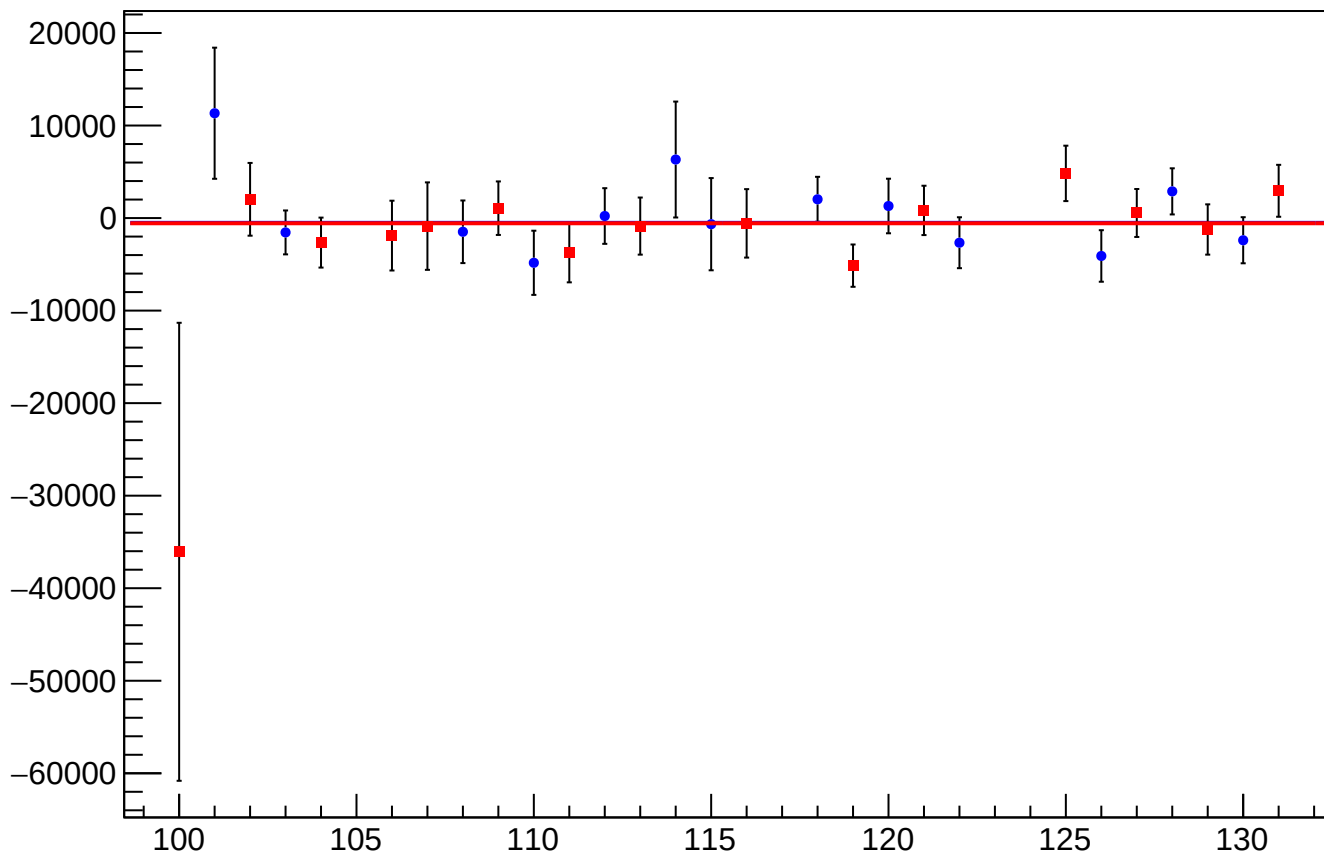
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1611.471+/-0.348 χ^2/NDF : 1318167.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -517.567 ± 841.522 χ^2/NDF : 12.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -561.327 ± 798.038 χ^2/NDF : 13.9/14

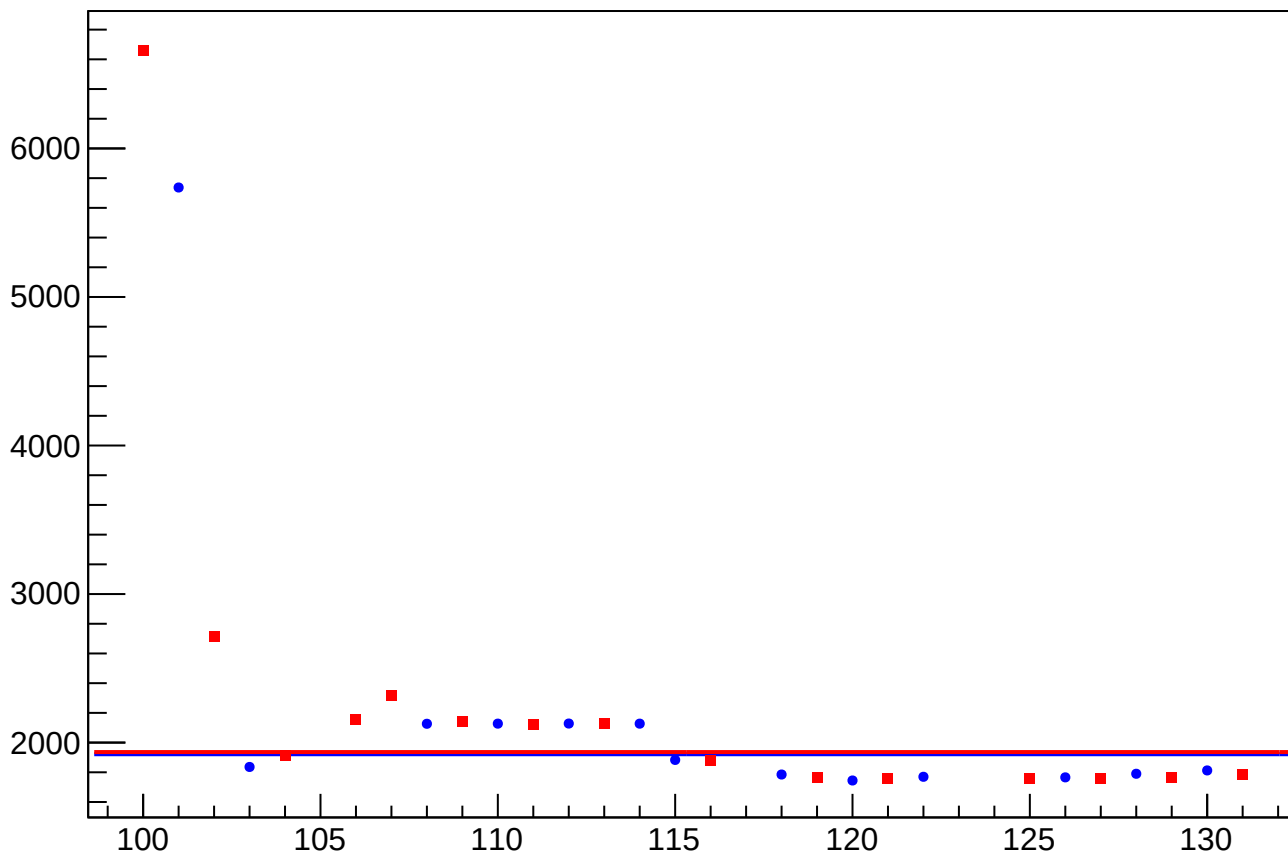
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -540.607 ± 579.061 χ^2/NDF : 25.9/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 1921.627+/-0.595 χ^2/NDF : 644038.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

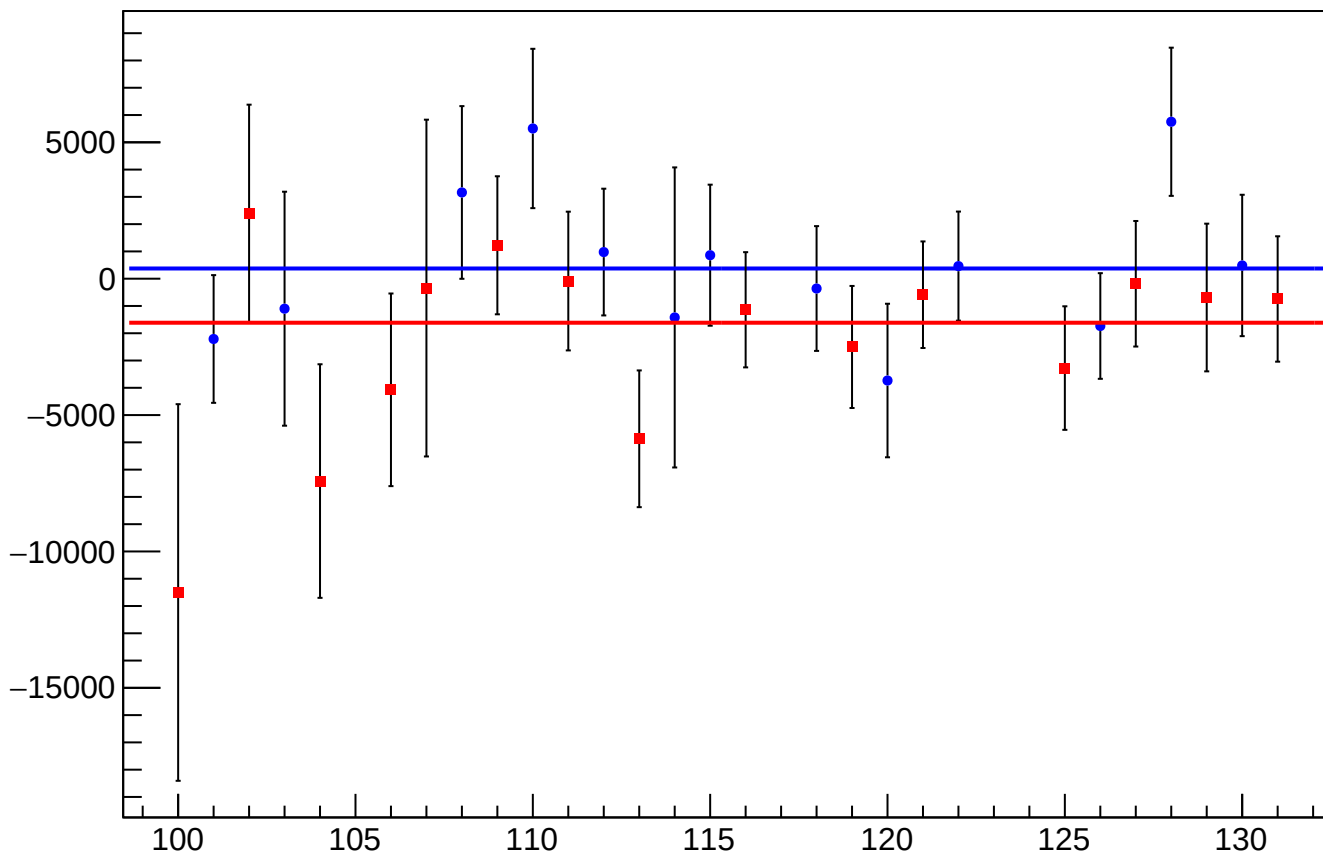
Right Out: 1936.226+/-0.564 χ^2/NDF : 246209.3/14

All: 1929.314+/-0.409 χ^2/NDF : 890564.3/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_dit_correction_mean vs Slug



Right In: 374.061+/-717.925 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1614.373+/-688.401 χ^2/NDF : 11.6/14

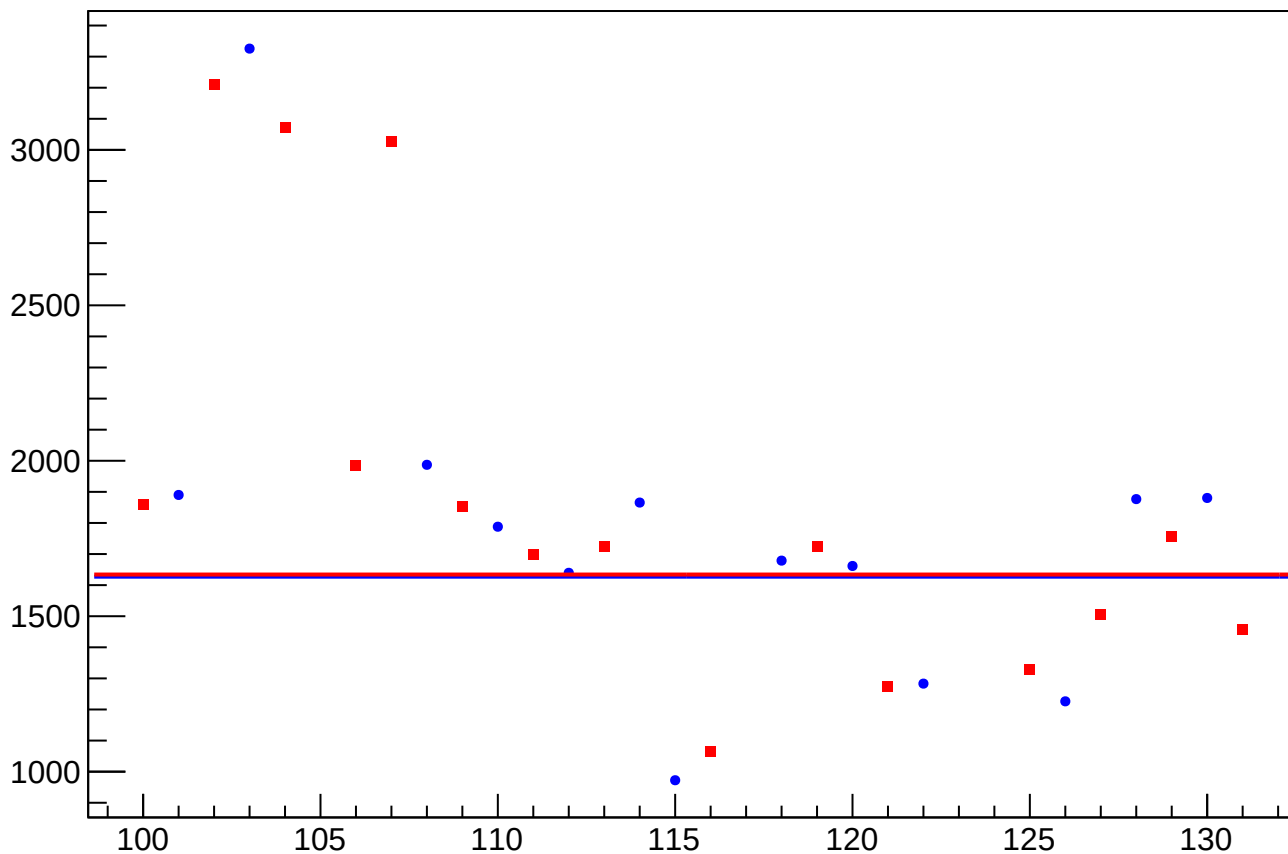
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -661.882+/-496.883 χ^2/NDF : 28.3/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_dit_correction_rms vs Slug



Right In: 1627.250+/-0.508 χ^2/NDF : 685046.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1634.081+/-0.487 χ^2/NDF : 954447.0/14

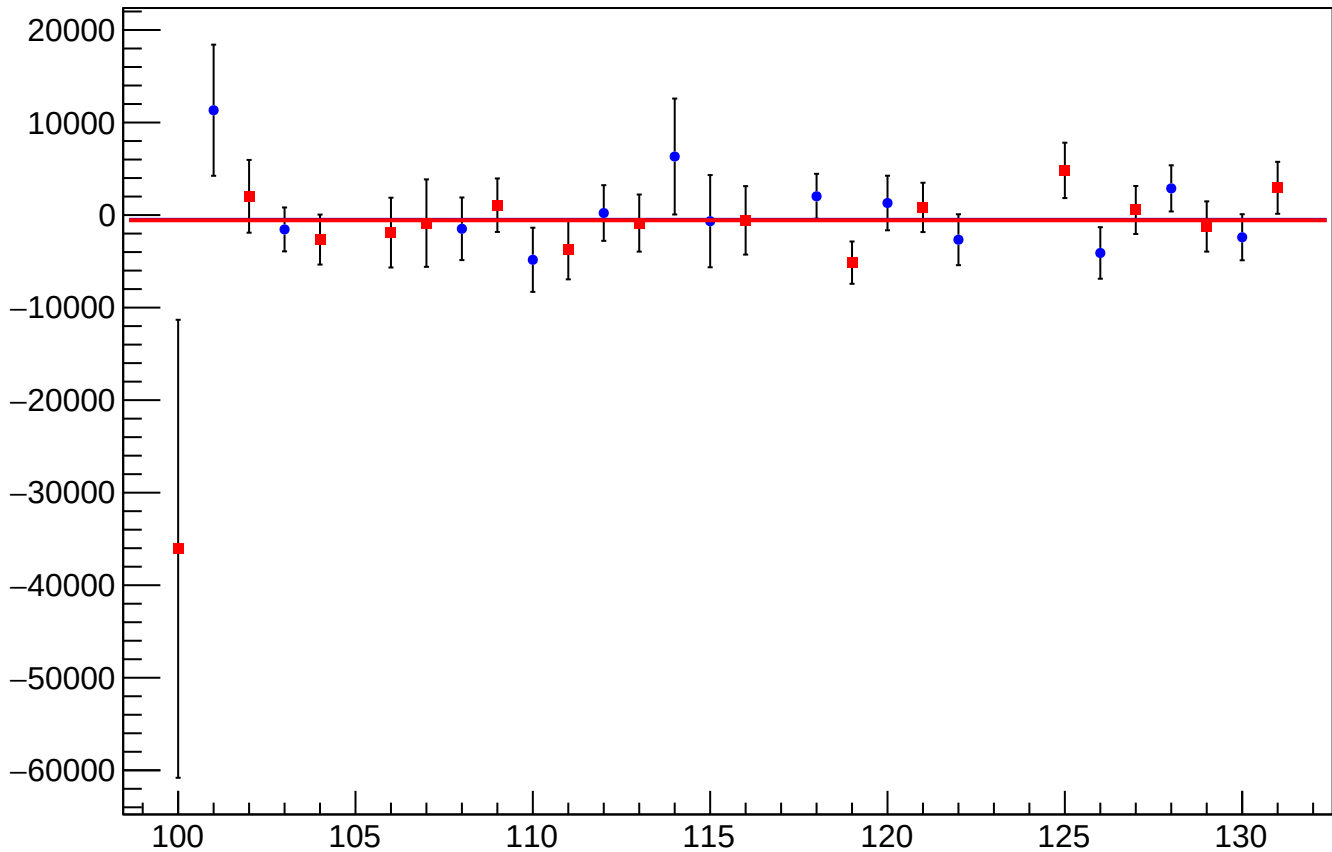
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1630.808+/-0.351 χ^2/NDF : 1639587.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -517.568+/-841.522 χ^2 /NDF: 12.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -561.326+/-798.038 χ^2 /NDF: 13.9/14

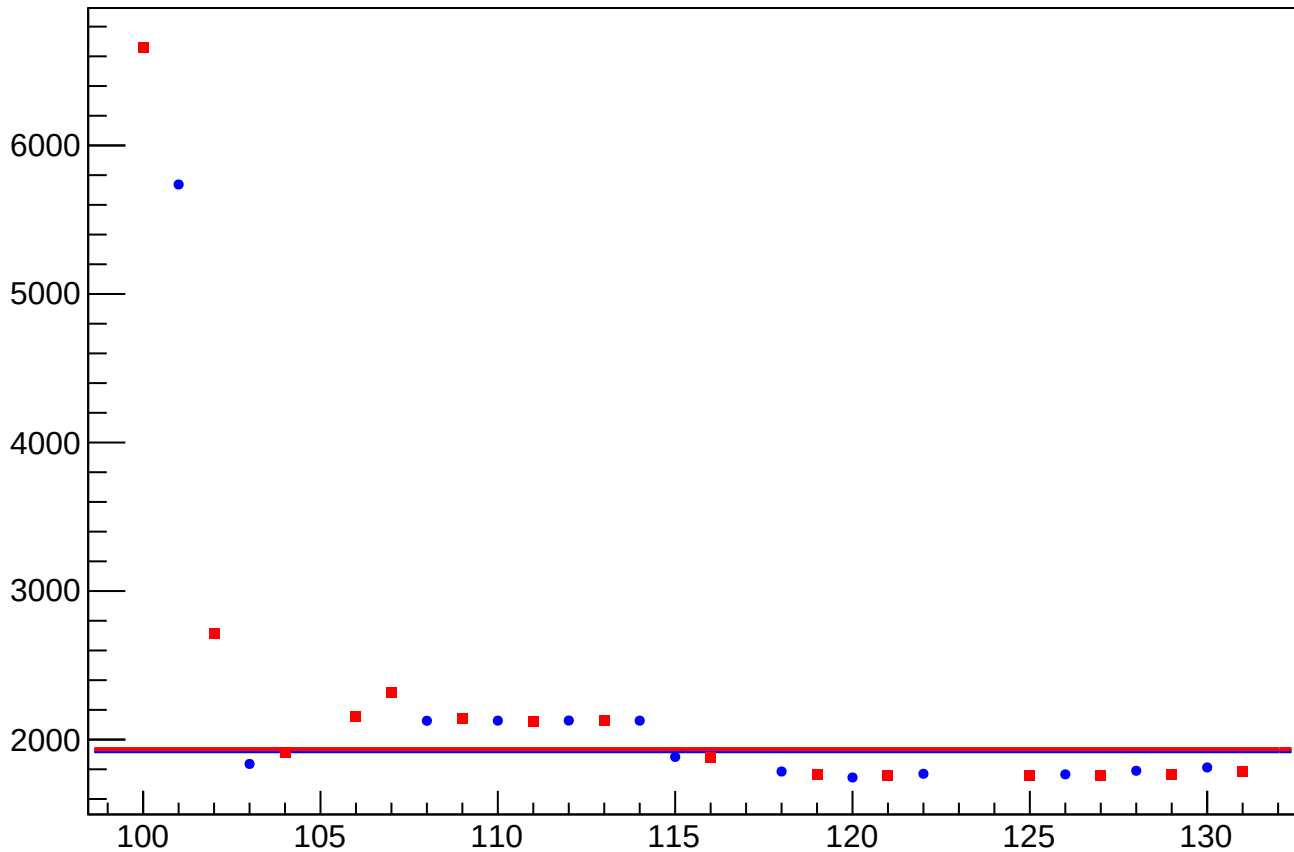
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -540.607+/-579.060 χ^2 /NDF: 25.9/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 1921.627+/-0.595 χ^2/NDF : 644038.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

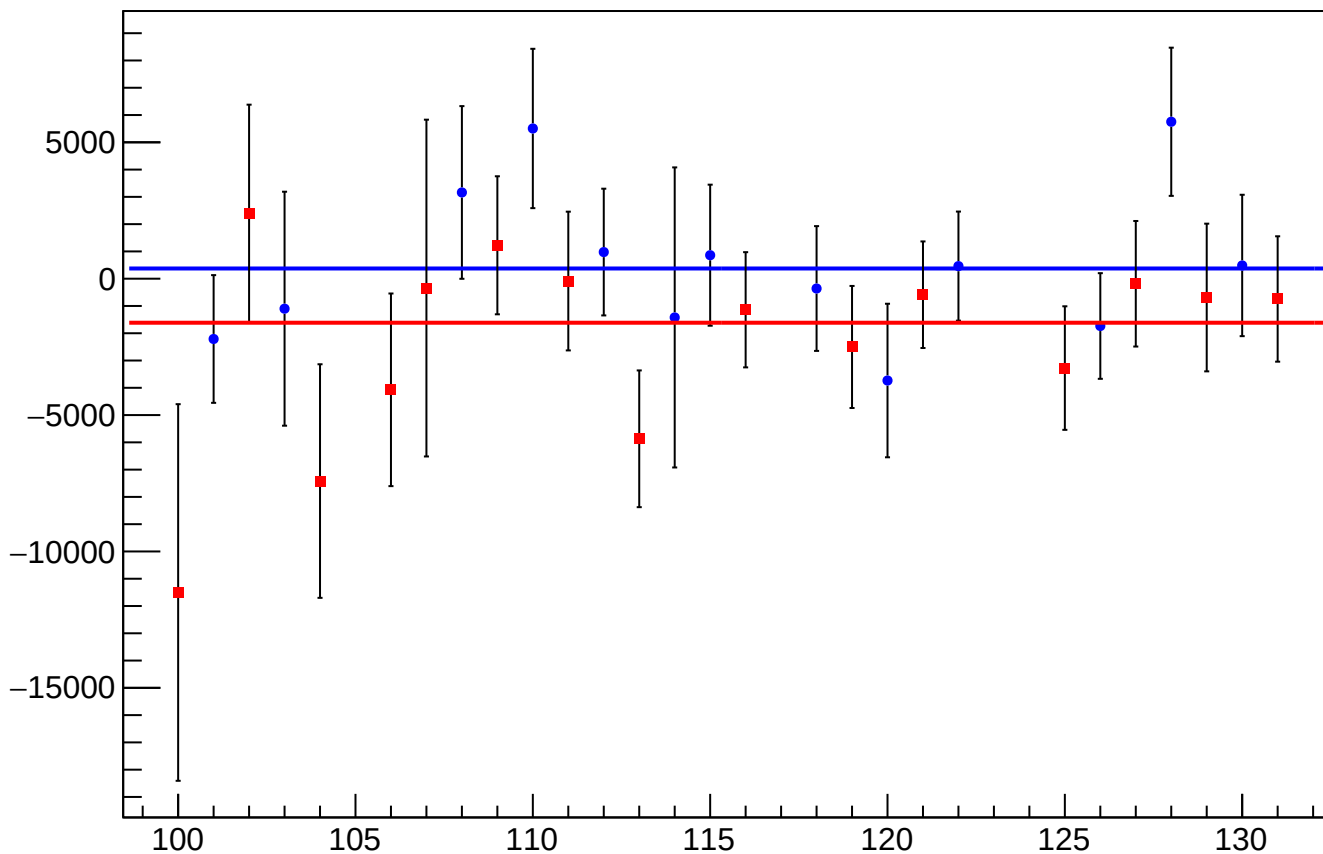
Right Out: 1936.226+/-0.564 χ^2/NDF : 246209.1/14

All: 1929.314+/-0.409 χ^2/NDF : 890564.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_mean vs Slug



Right In: 374.062 $\pm$ 717.923 χ^2 /NDF: 12.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1614.369 $\pm$ 688.400 χ^2 /NDF: 11.6/14

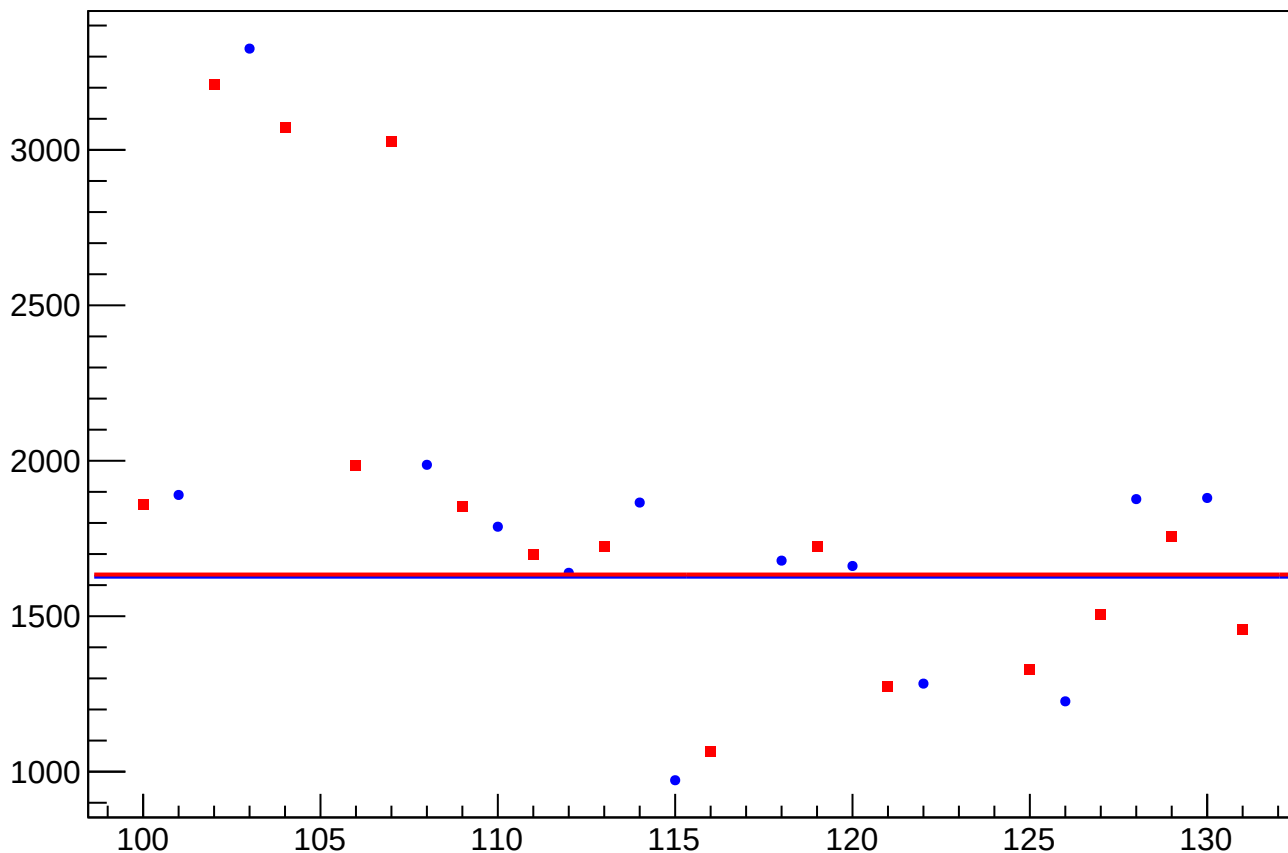
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -661.879 $\pm$ 496.882 χ^2 /NDF: 28.3/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_rms vs Slug



Right In: 1627.246+/-0.508 χ^2/NDF : 685047.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1634.077+/-0.487 χ^2/NDF : 954452.1/14

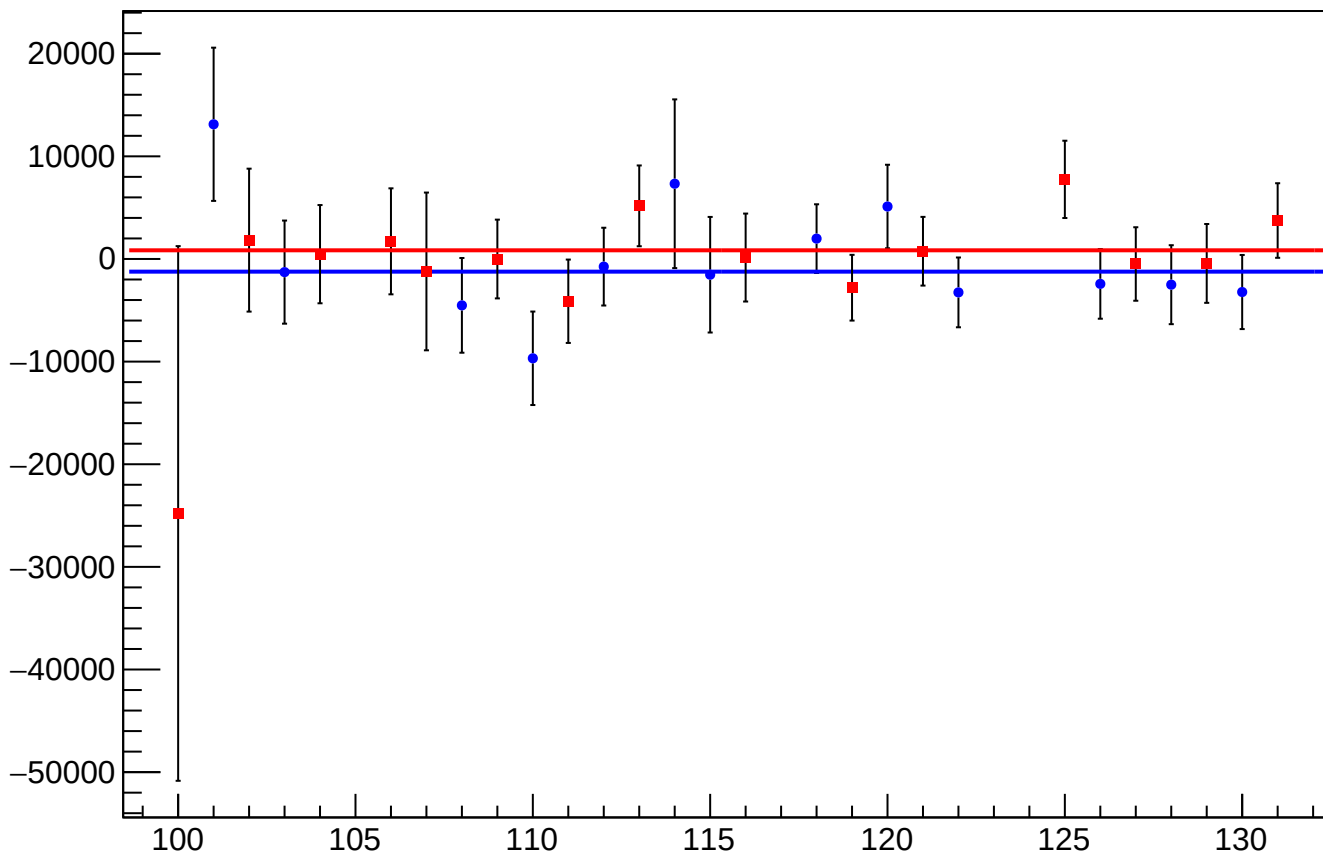
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1630.805+/-0.351 χ^2/NDF : 1639593.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -1234.939 $\pm$ 1165.565 χ^2 /NDF: 13.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 844.242 $\pm$ 1086.804 χ^2 /NDF: 9.4/14

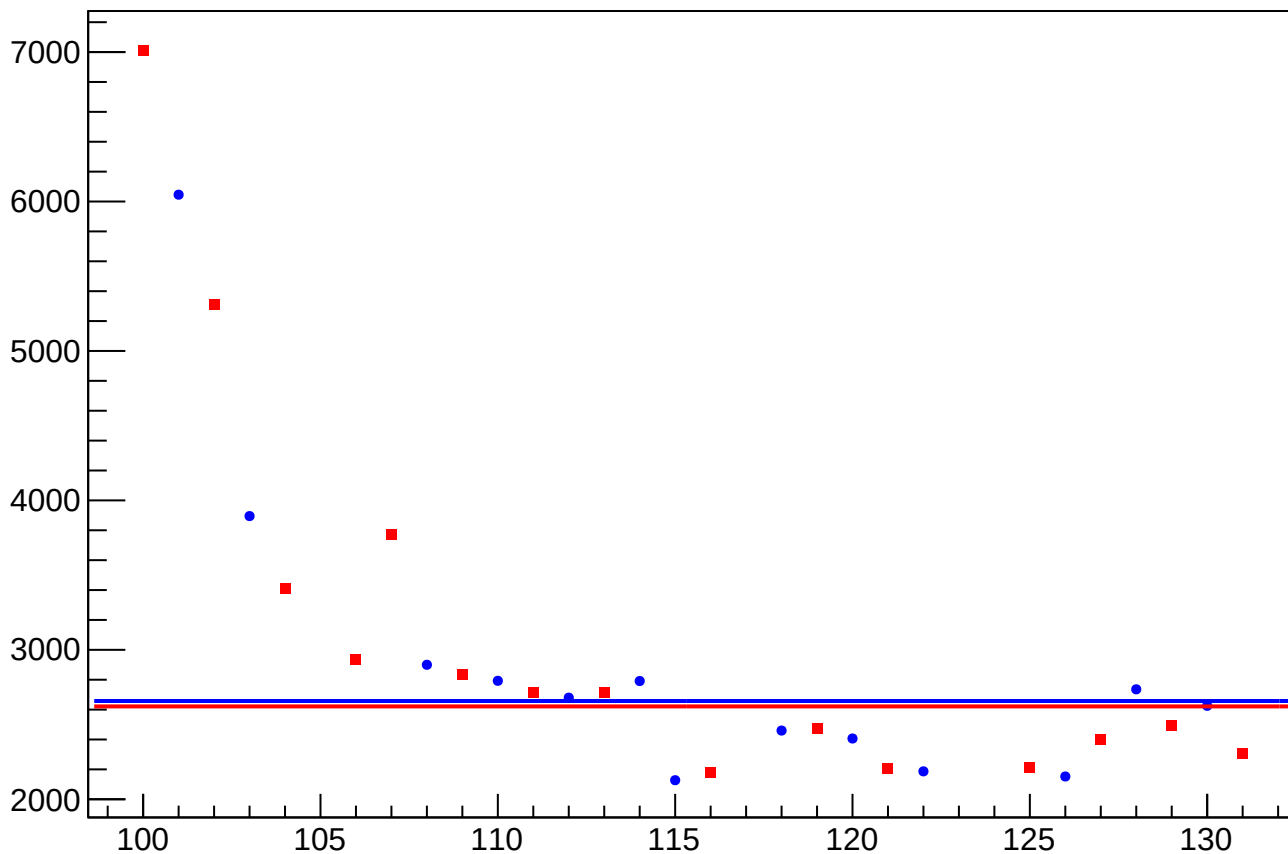
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -122.733 $\pm$ 794.873 χ^2 /NDF: 24.1/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 2657.576+/-0.824 χ^2/NDF : 657223.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2621.330+/-0.768 χ^2/NDF : 574740.0/14

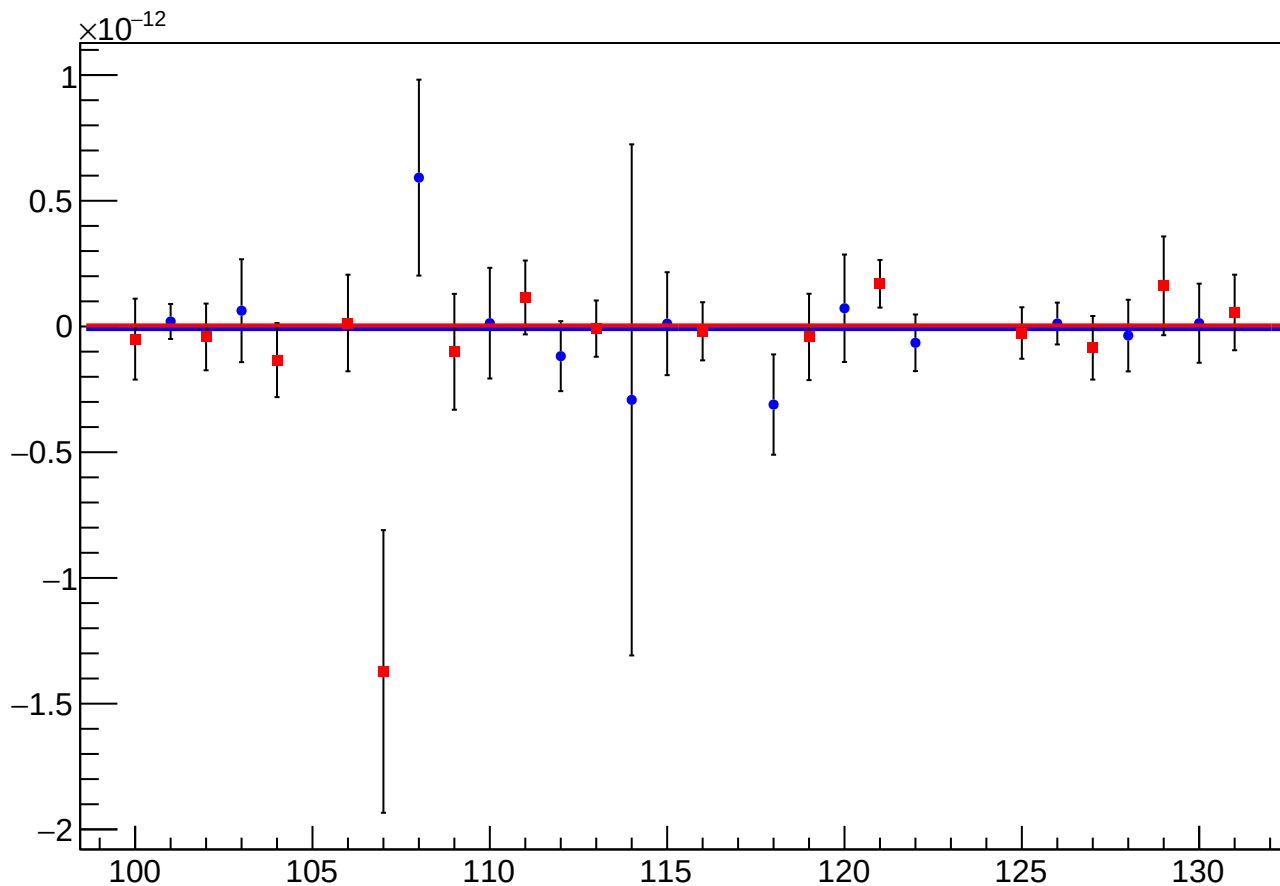
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2638.187+/-0.562 χ^2/NDF : 1232997.7/27

- 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 : 6.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.4/14

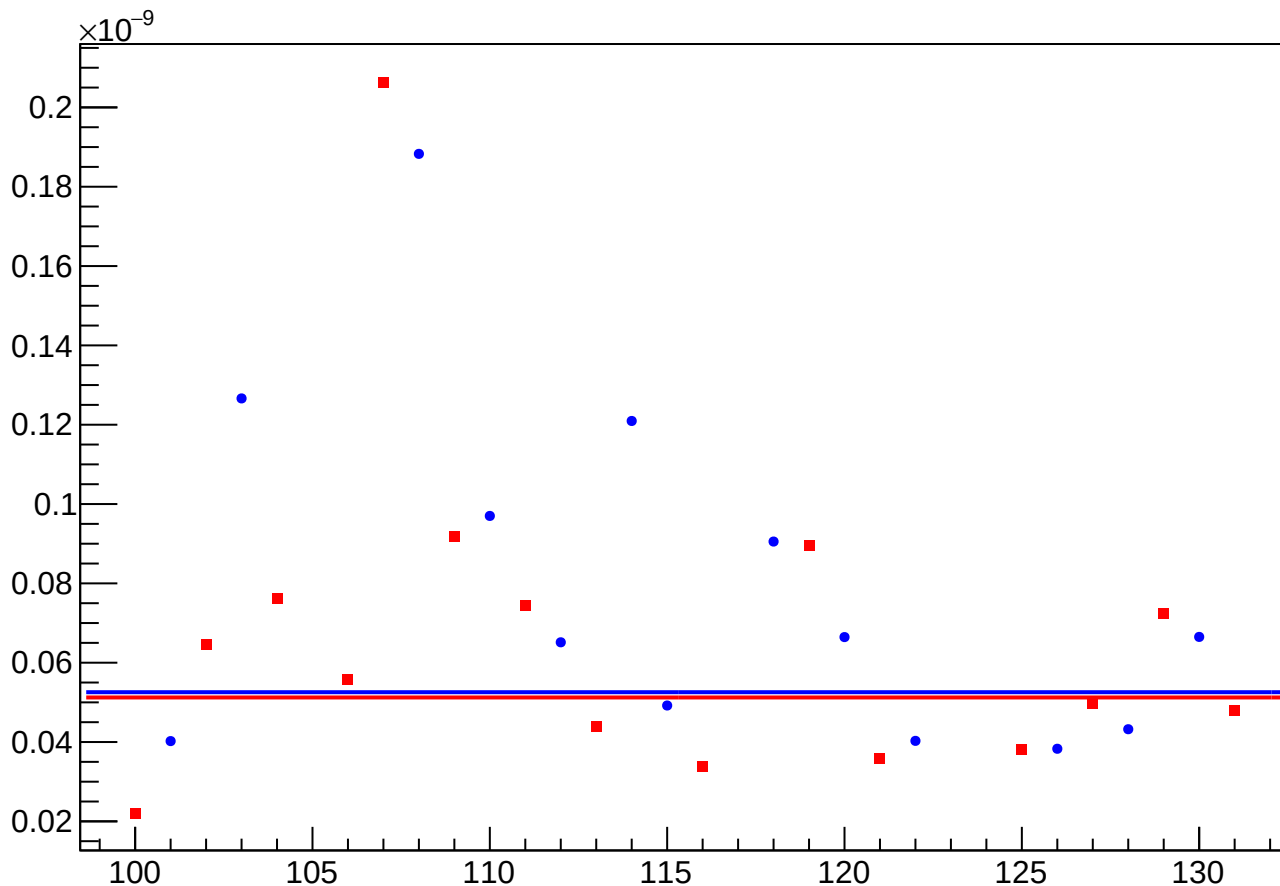
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.7/27

- 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 : 862870.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 671742.6/14

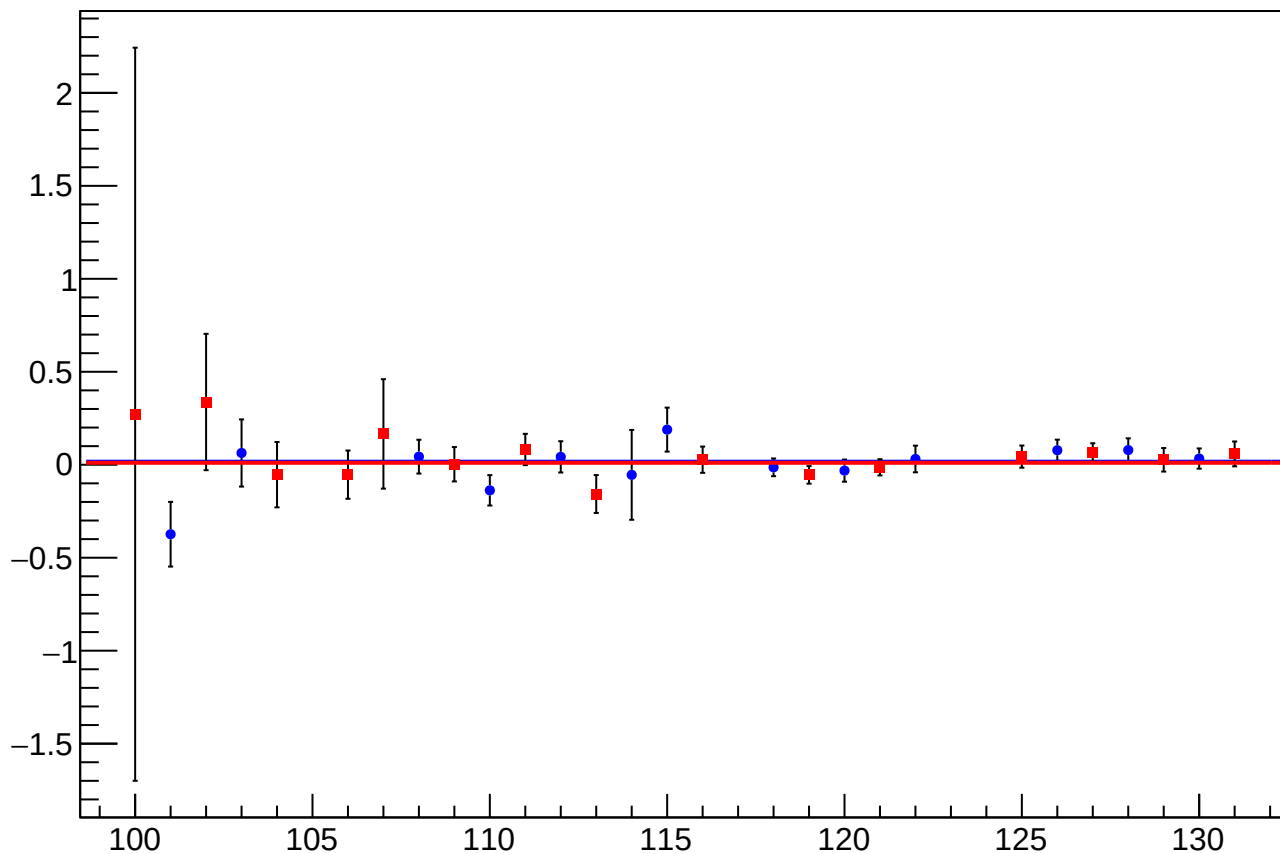
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1535894.7/27

- 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: 0.016+/-0.020 χ^2/NDF : 14.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.019 χ^2/NDF : 9.4/14

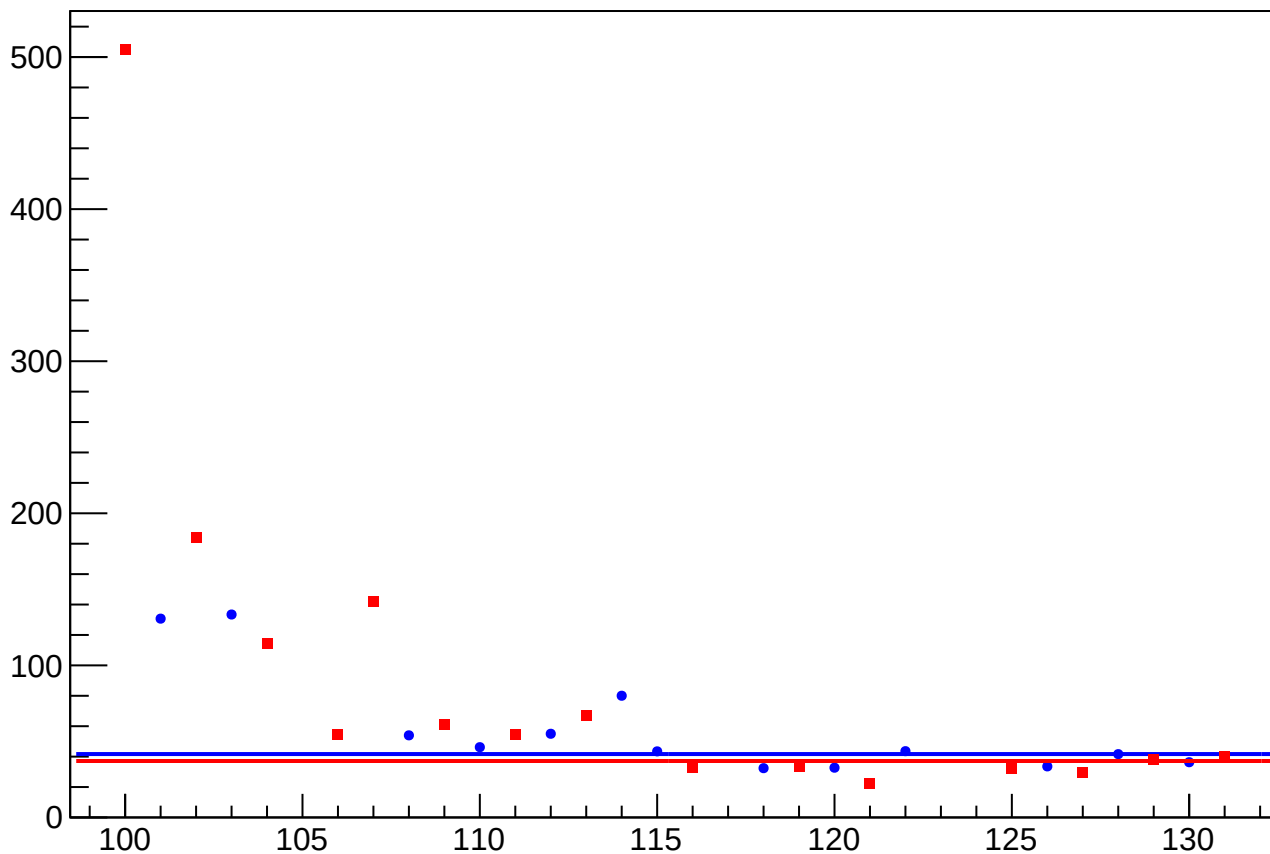
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.014 χ^2/NDF : 23.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_rms vs Slug



Right In: 41.690+/-0.014 χ^2/NDF : 1366335.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.127+/-0.013 χ^2/NDF : 1833405.2/14

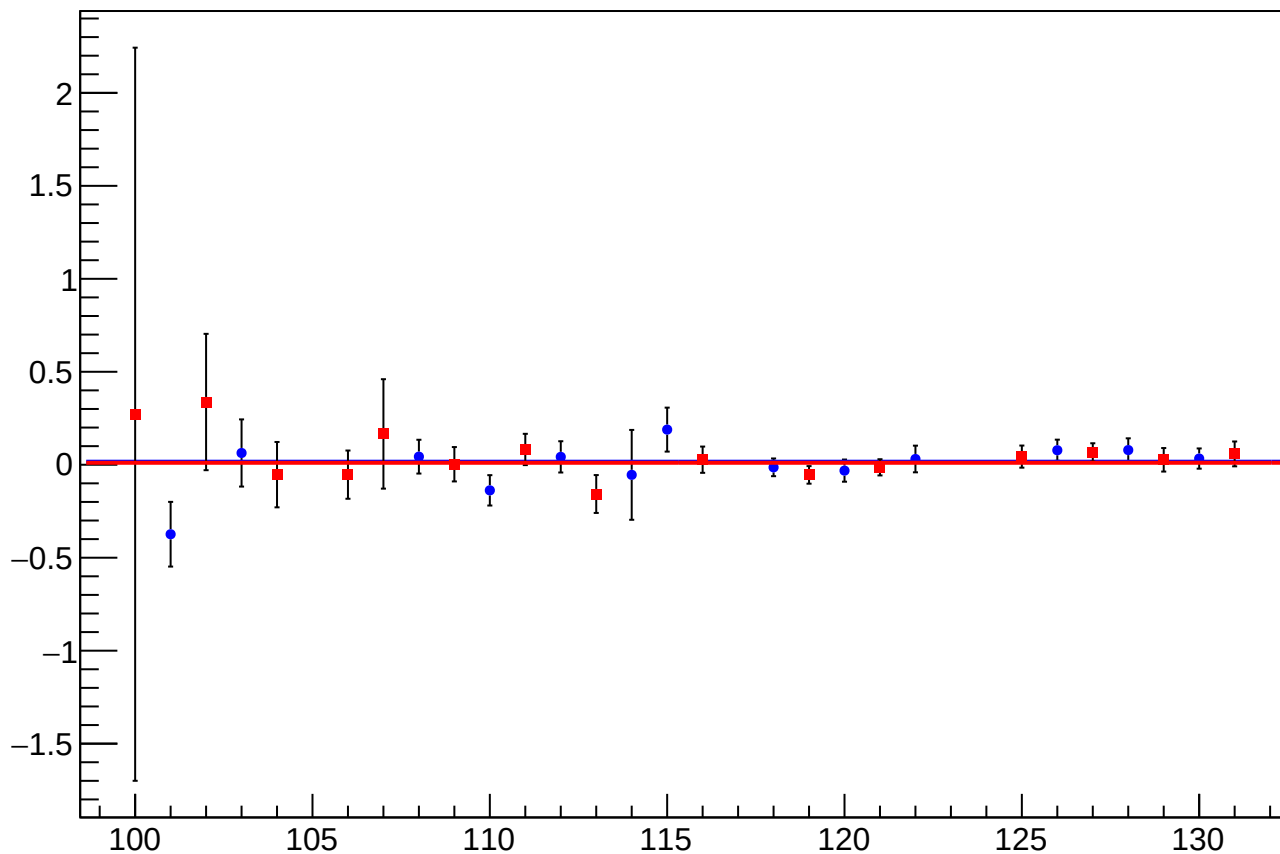
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.217+/-0.010 χ^2/NDF : 3253453.3/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.016 $\pm$ 0.020 χ^2 /NDF: 14.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.011 $\pm$ 0.019 χ^2 /NDF: 9.4/14

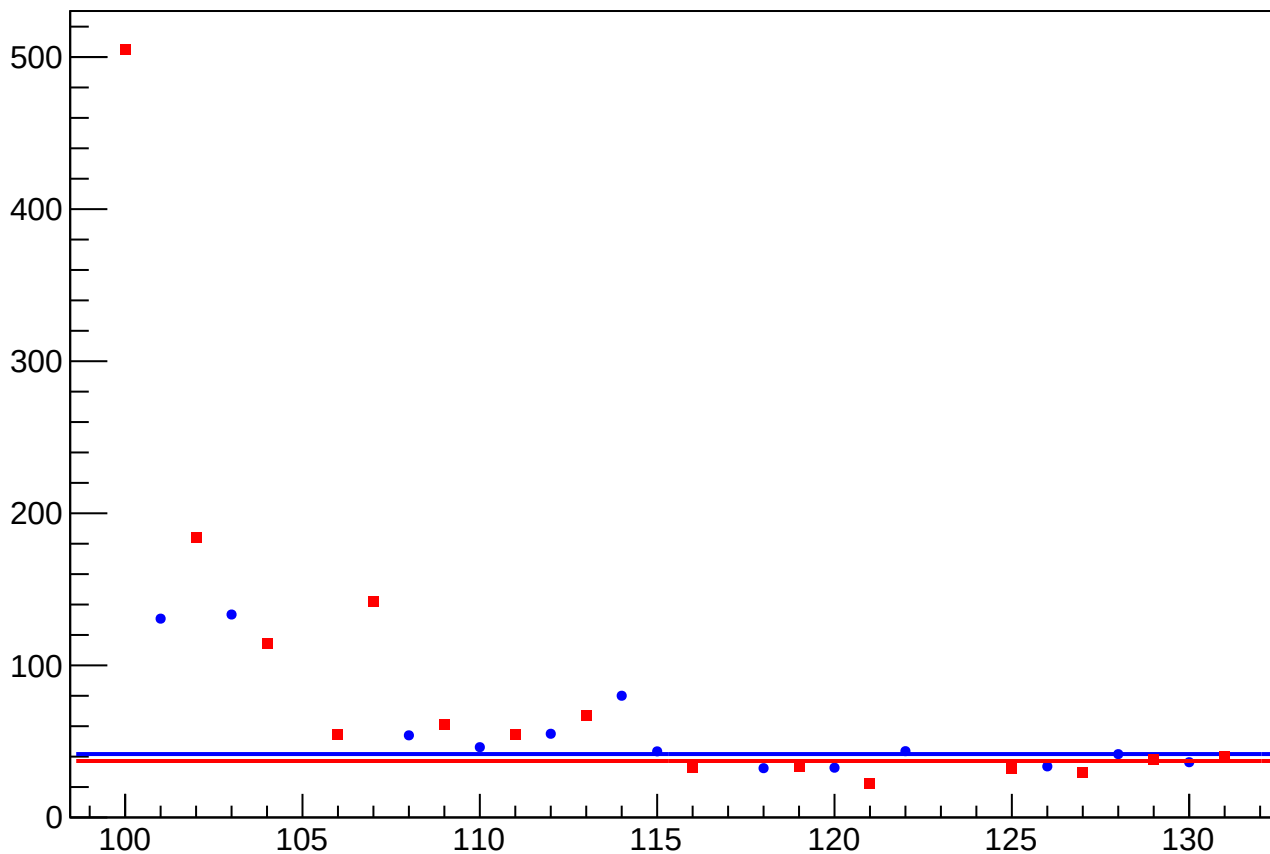
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.014 χ^2 /NDF: 23.8/27

- 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: 41.690+/-0.014 χ^2/NDF : 1366335.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.127+/-0.013 χ^2/NDF : 1833405.2/14

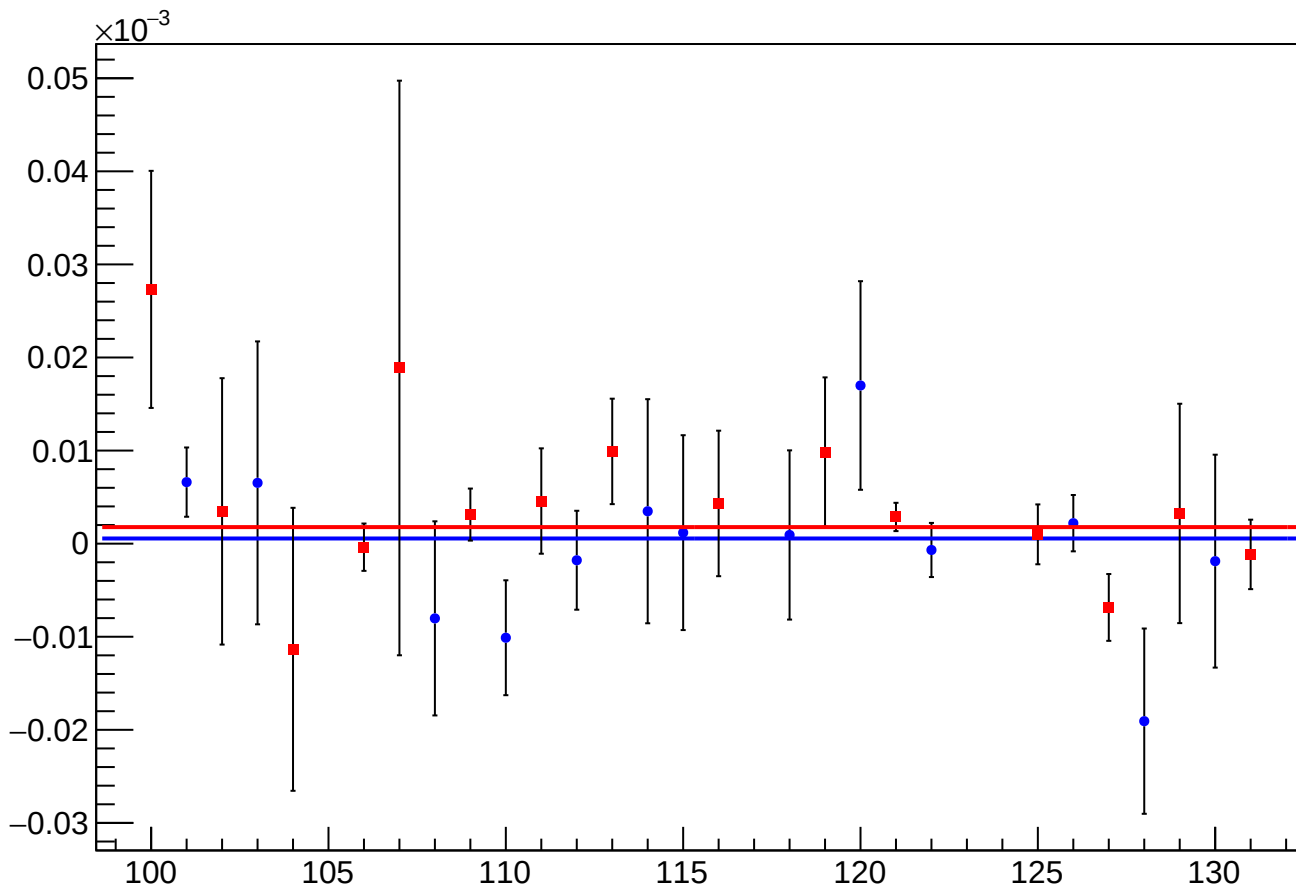
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.217+/-0.010 χ^2/NDF : 3253453.3/27

- 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: 13.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.5/14

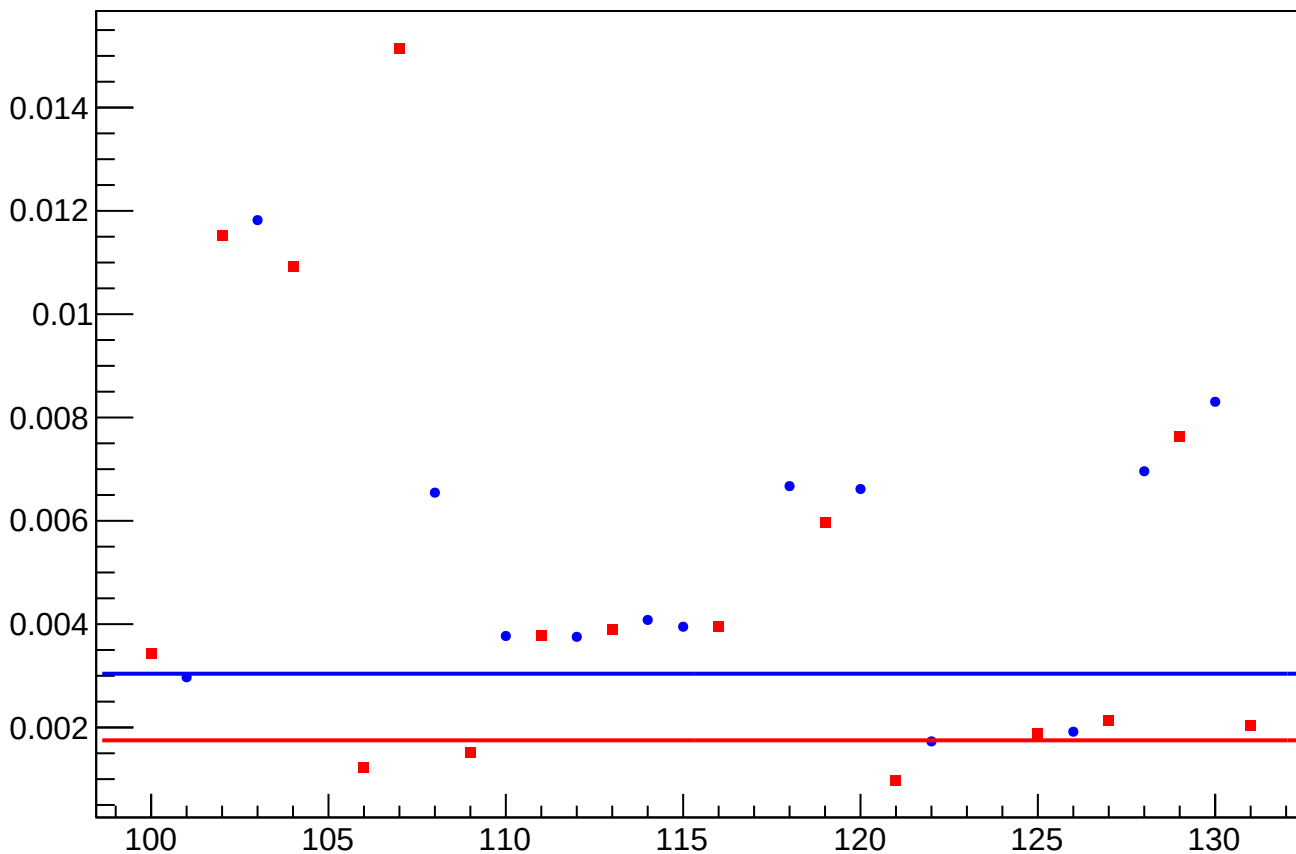
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 30.2/27

- 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: 0.003 $\pm$ 0.000 χ^2 /NDF: 2926321.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 4493562.5/14

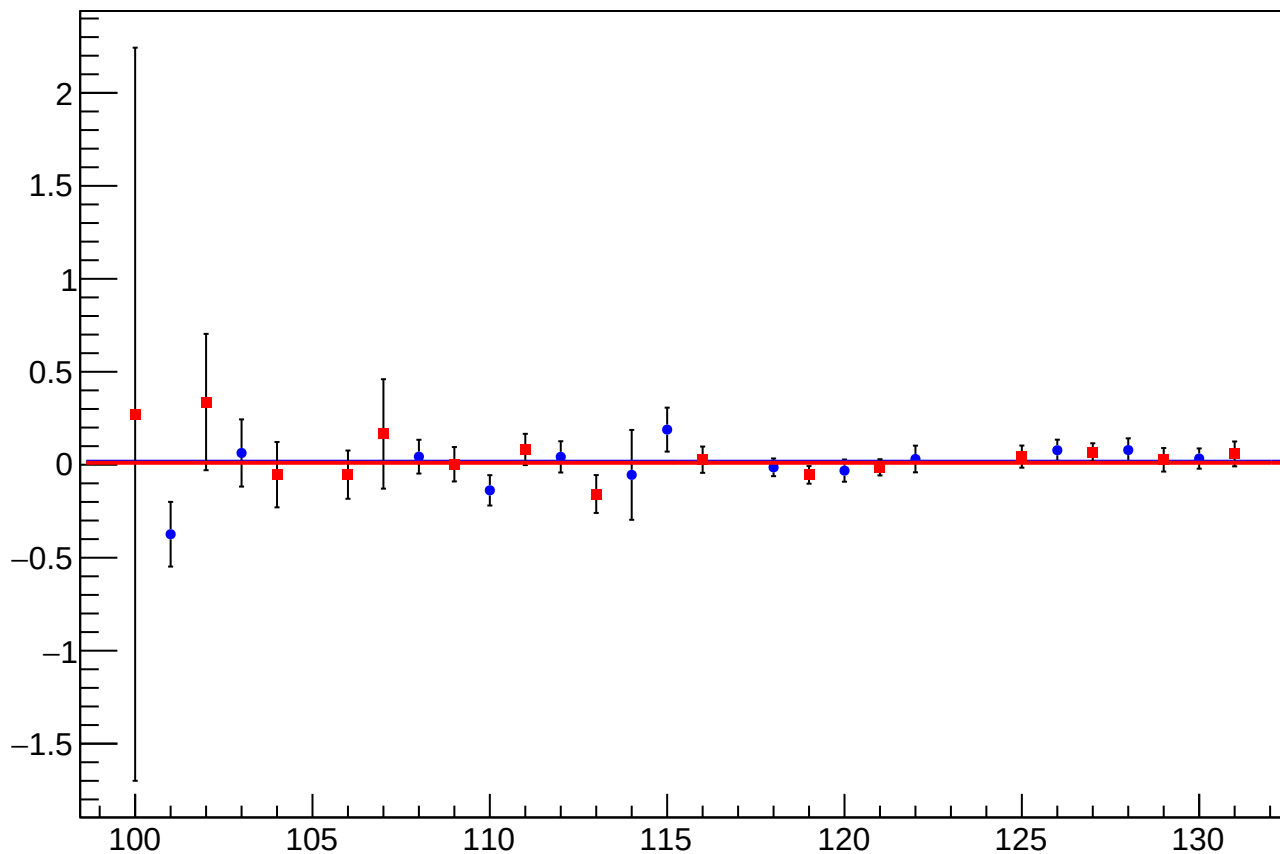
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 8440582.4/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.016 $\pm$ 0.020 χ^2 /NDF: 14.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.011 $\pm$ 0.019 χ^2 /NDF: 9.4/14

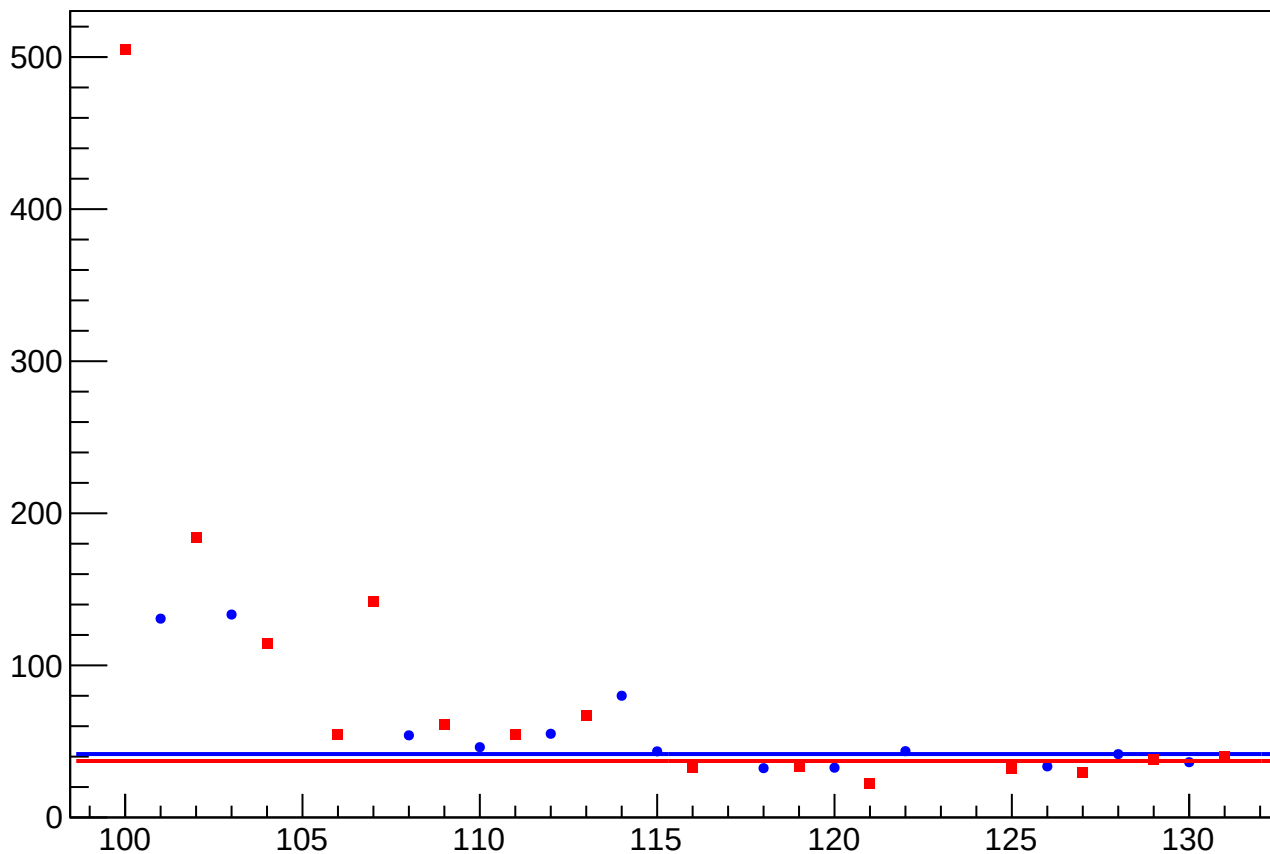
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.014 χ^2 /NDF: 23.8/27

- 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: 41.690+/-0.014 χ^2/NDF : 1366235.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.125+/-0.013 χ^2/NDF : 1833405.3/14

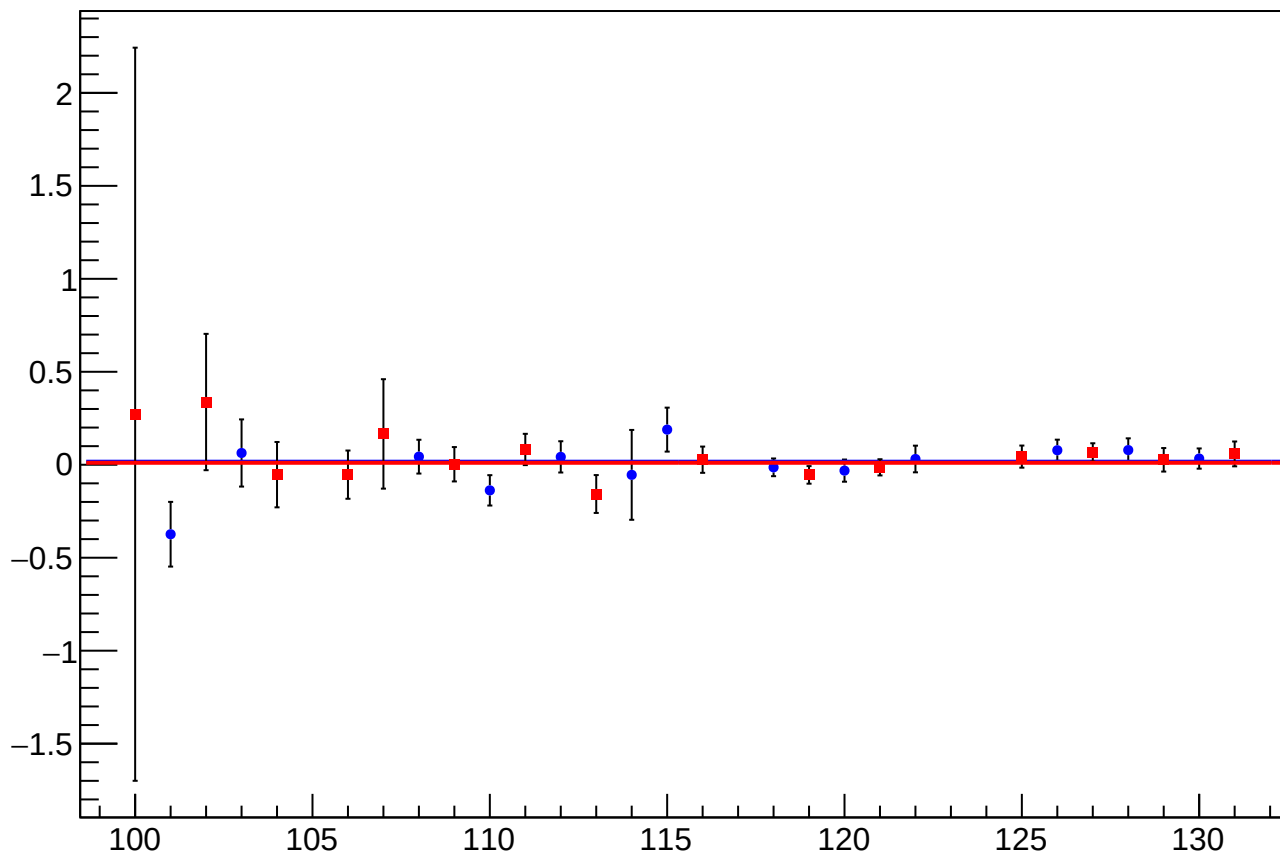
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.217+/-0.010 χ^2/NDF : 3253397.1/27

- 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: 0.016 $\pm$ 0.020 χ^2 /NDF: 14.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.011 $\pm$ 0.019 χ^2 /NDF: 9.4/14

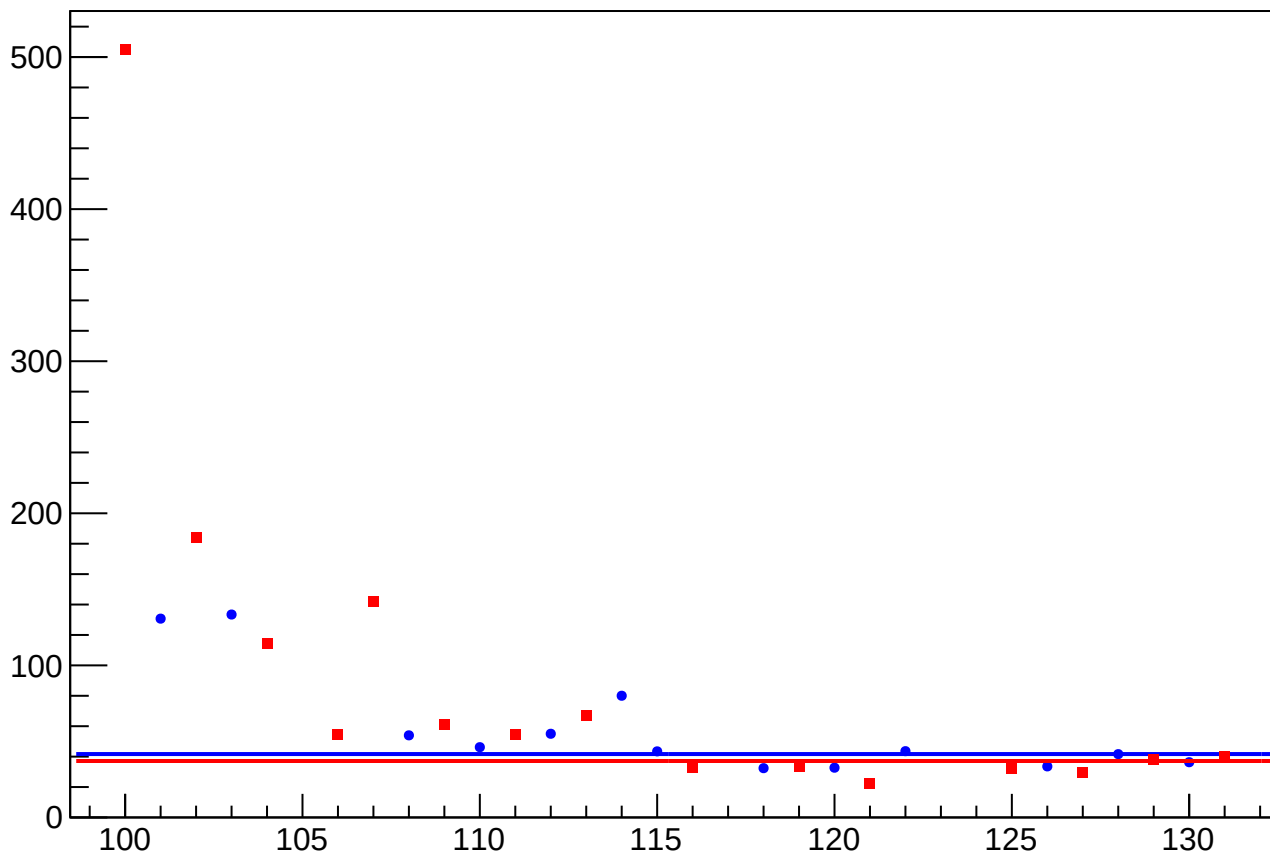
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.014 χ^2 /NDF: 23.8/27

- 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: 41.690+/-0.014 χ^2/NDF : 1366235.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.125+/-0.013 χ^2/NDF : 1833405.3/14

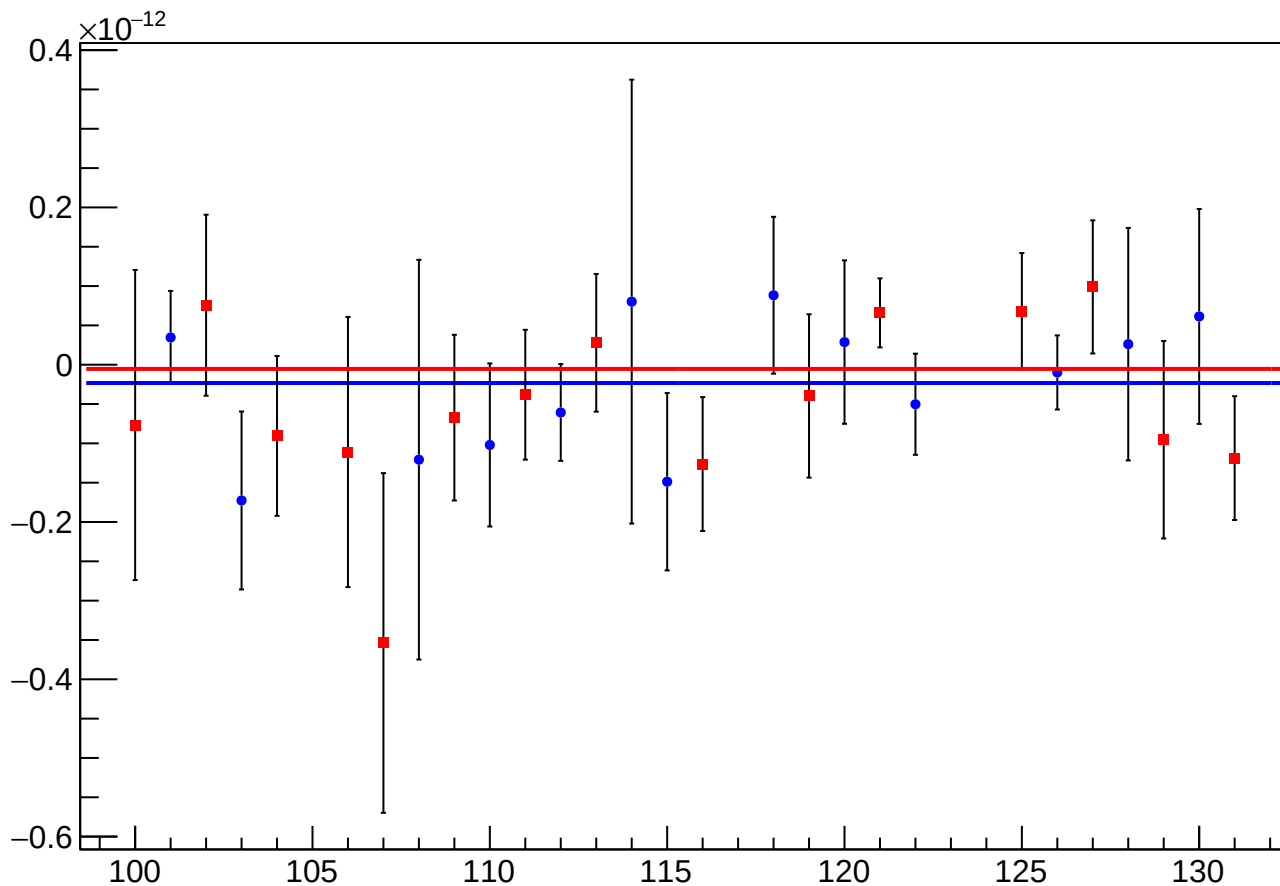
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.217+/-0.010 χ^2/NDF : 3253397.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 7.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 14.8/14

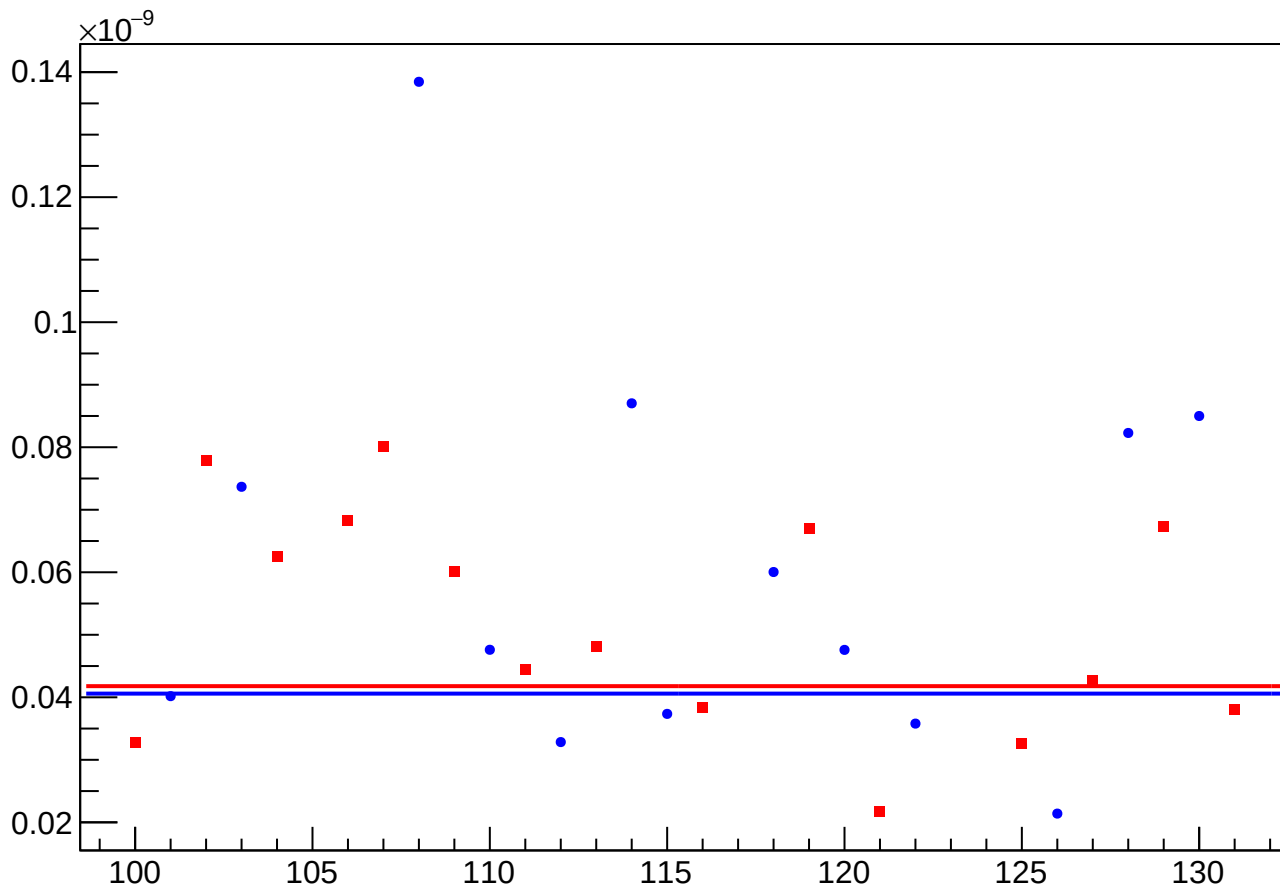
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 22.5/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1363166.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1127453.6/14

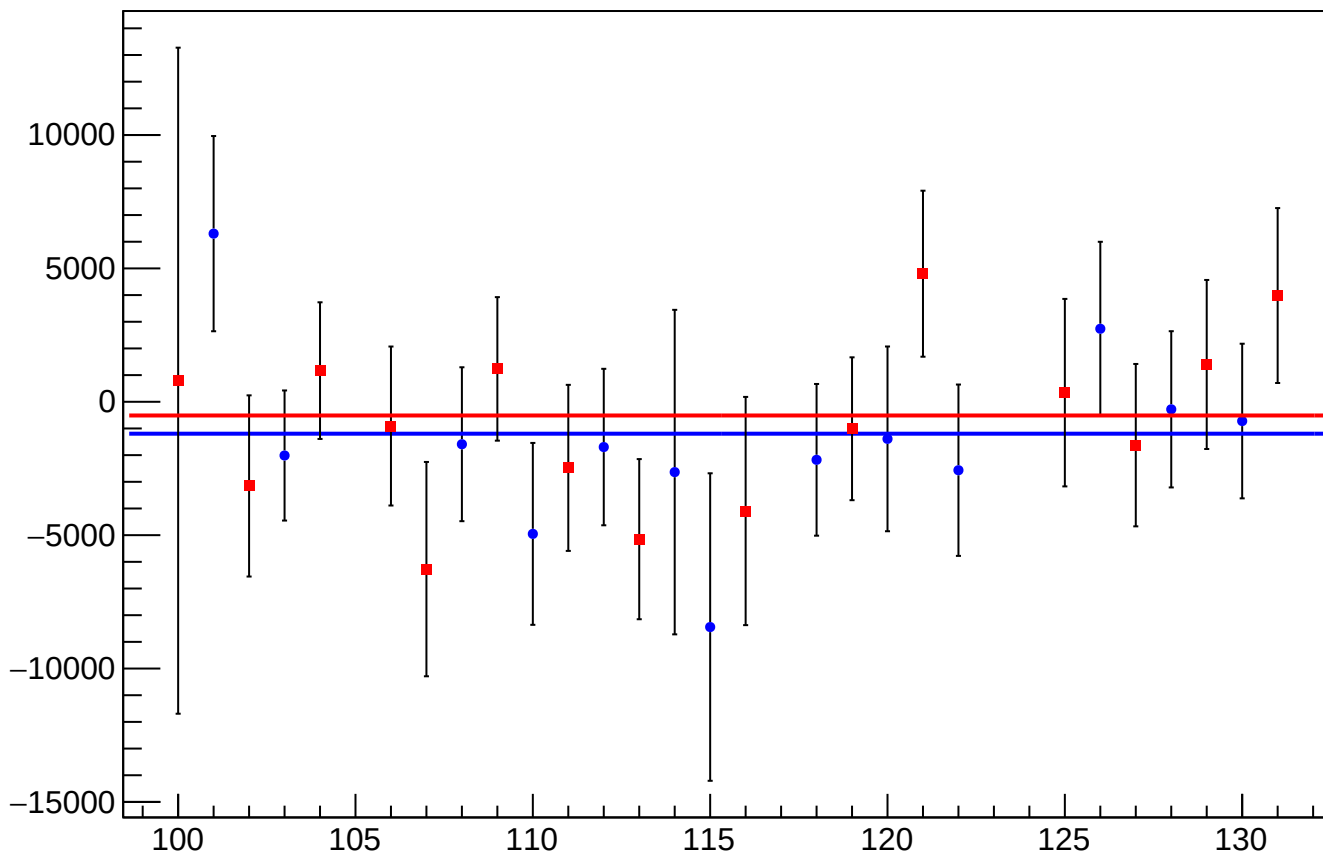
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2493276.3/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1196.223+/-892.244 χ^2/NDF : 9.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -513.380+/-830.044 χ^2/NDF : 12.4/14

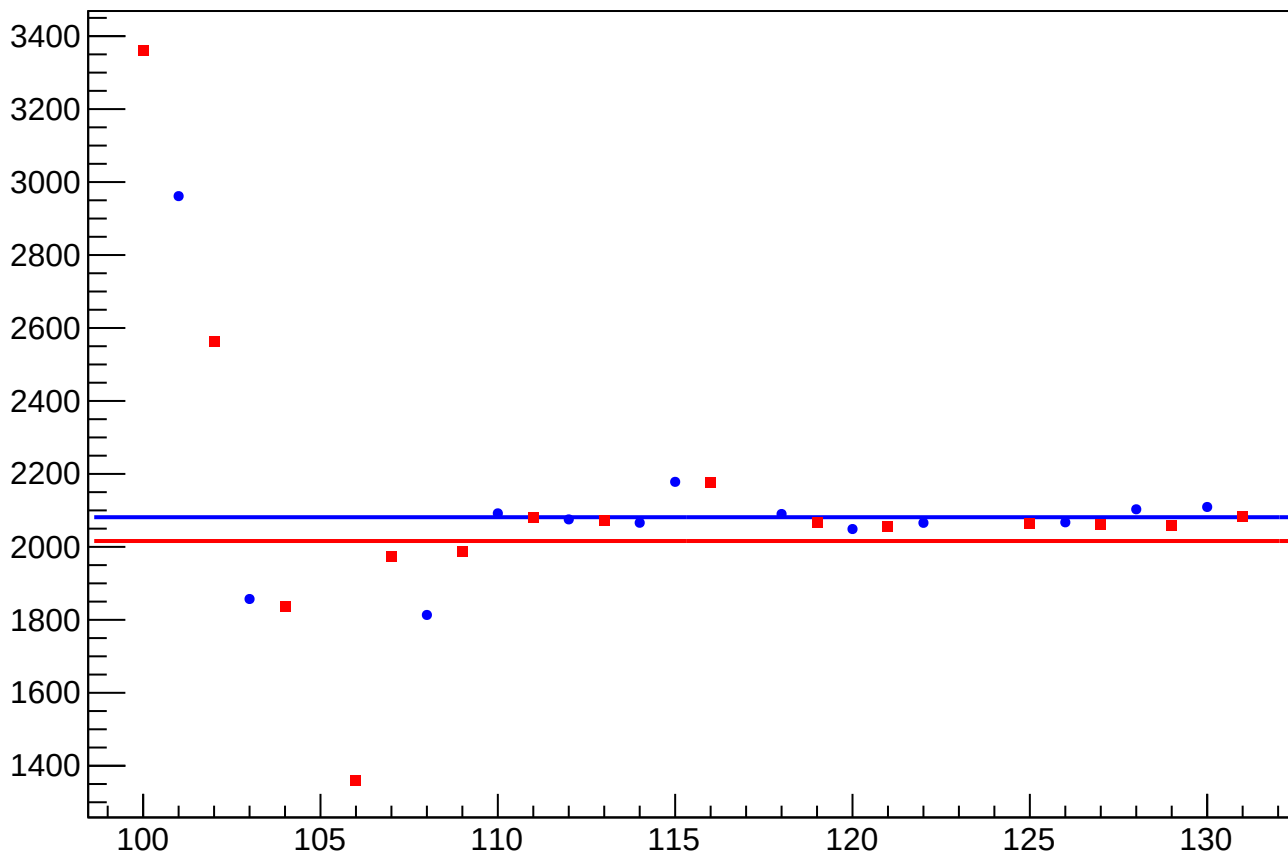
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -830.173+/-607.730 χ^2/NDF : 21.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2081.338 $\pm$ 0.631 χ^2 /NDF: 151022.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2016.091 $\pm$ 0.587 χ^2 /NDF: 189329.9/14

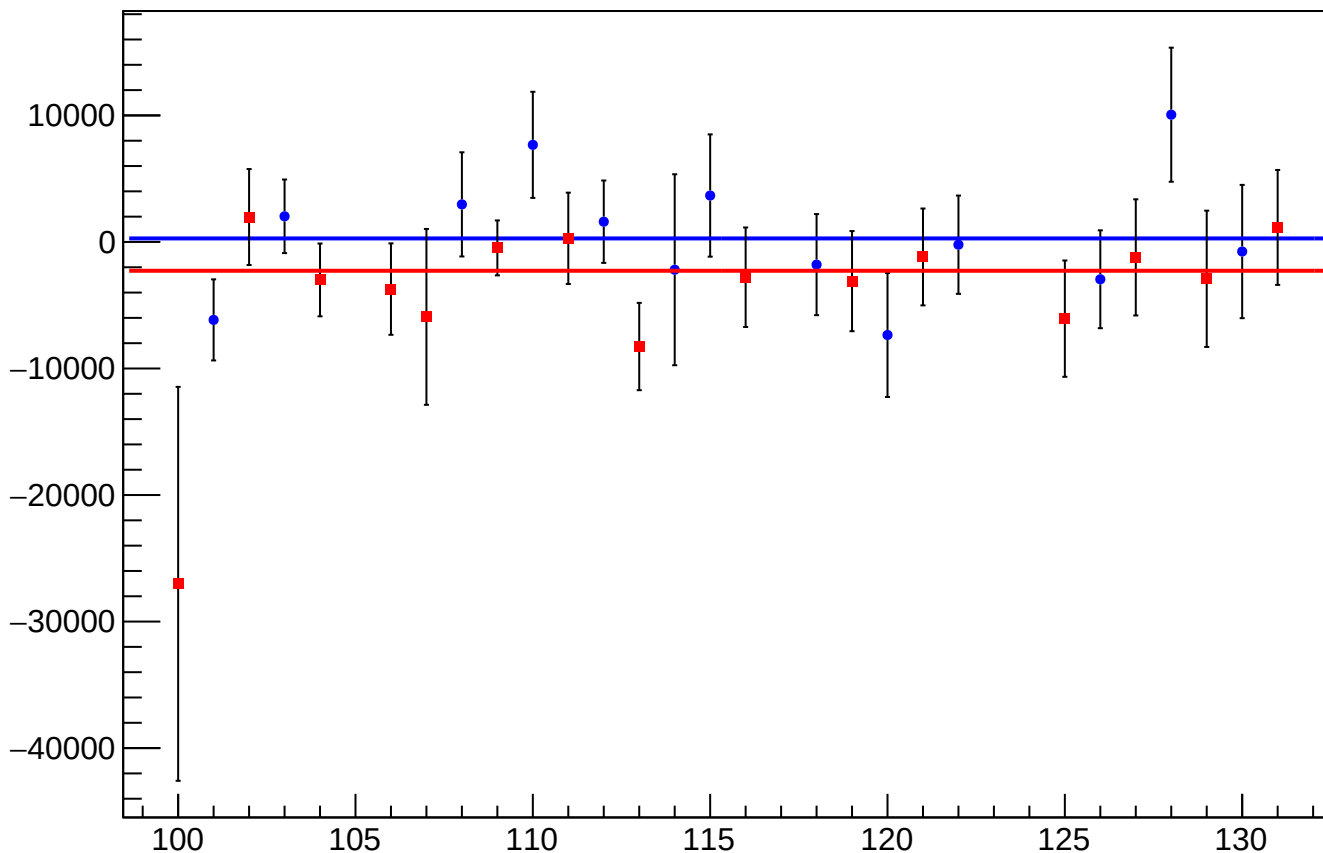
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2046.361 $\pm$ 0.430 χ^2 /NDF: 346086.1/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_reg_correction_mean vs Slug



Right In: 279.088+/-1121.180 χ^2/NDF : 15.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2275.801+/-980.938 χ^2/NDF : 9.9/14

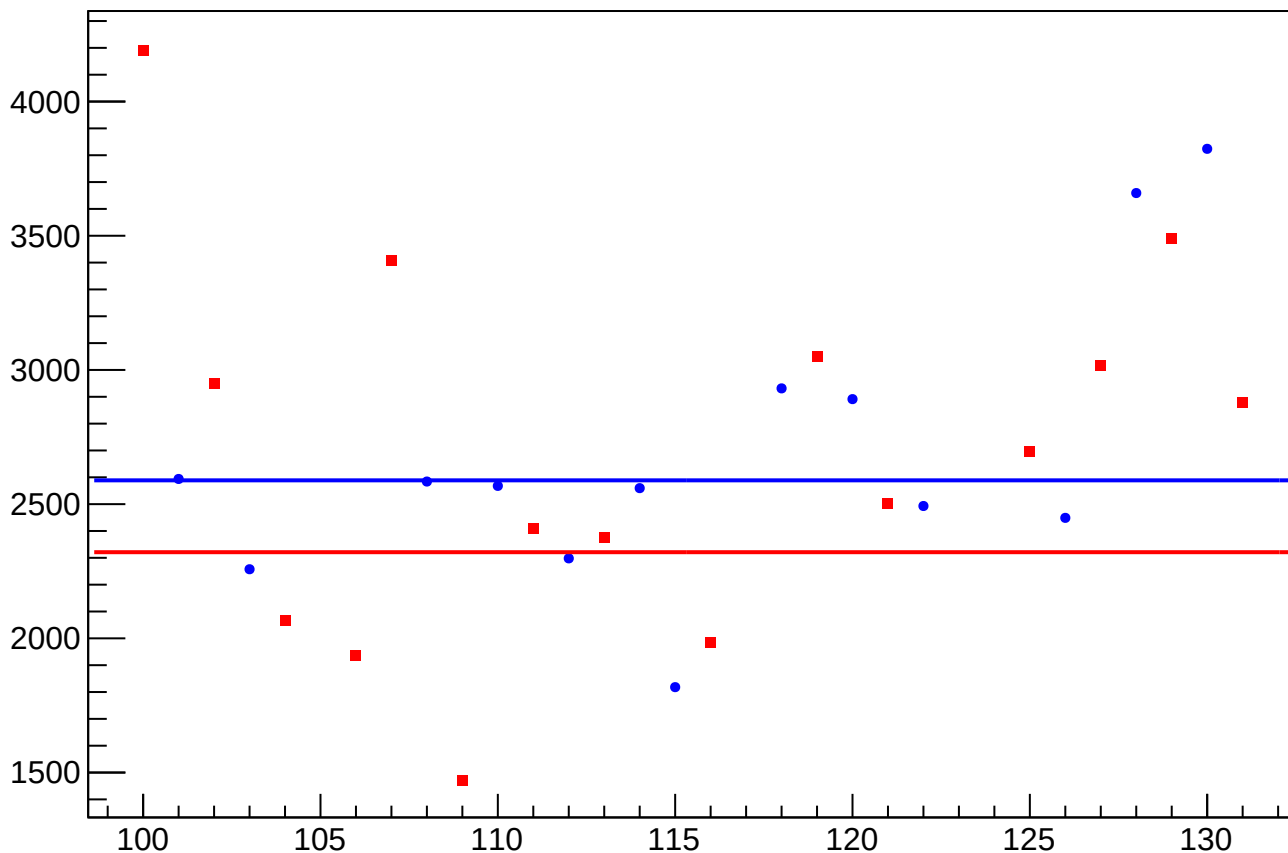
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1168.049+/-738.262 χ^2/NDF : 28.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_reg_correction_rms vs Slug



Right In: 2588.698+/-0.793 χ^2/NDF : 310685.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2320.980+/-0.694 χ^2/NDF : 750300.8/14

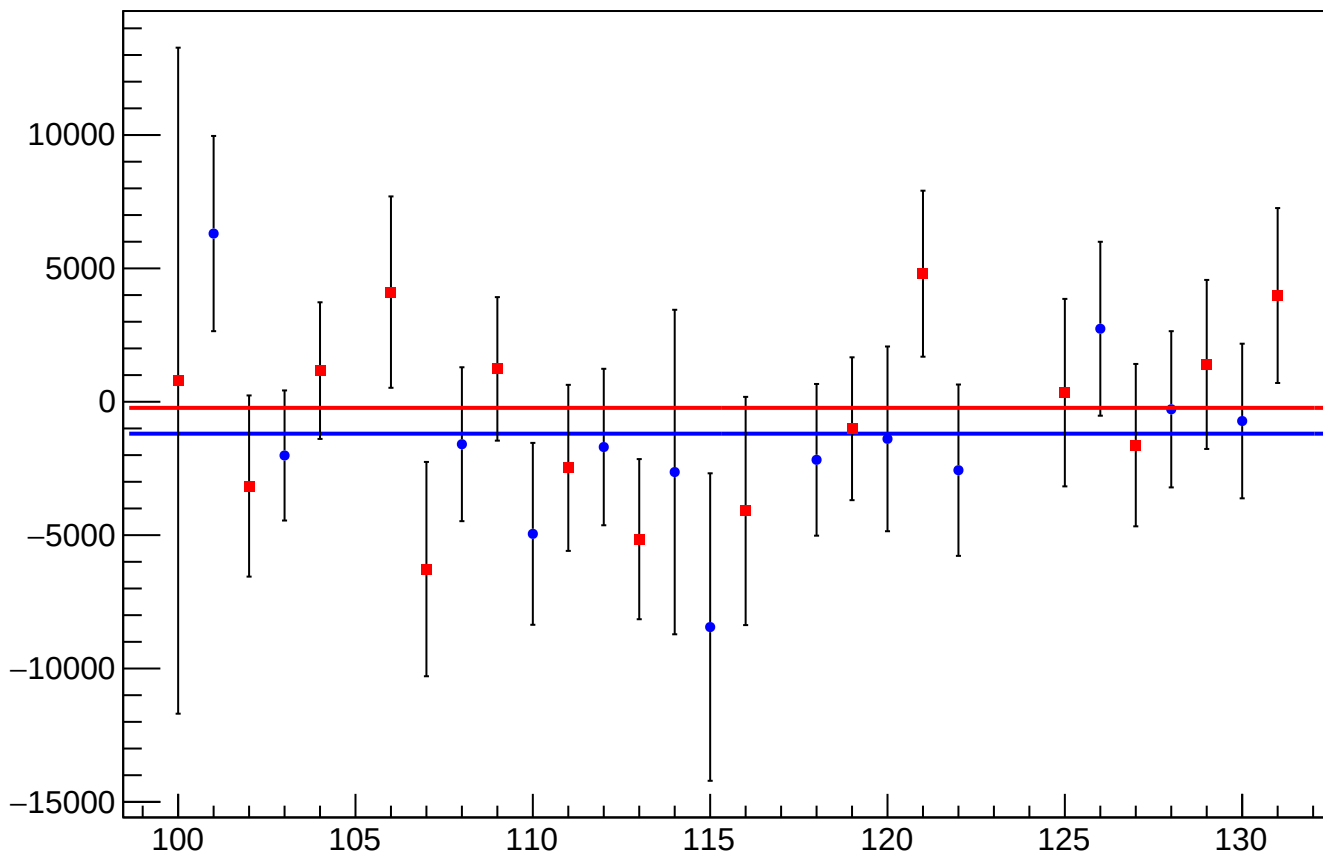
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2437.058+/-0.522 χ^2/NDF : 1125577.3/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1196.043 $\pm$ 892.244 χ^2 /NDF: 9.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -228.552 $\pm$ 840.208 χ^2 /NDF: 13.9/14

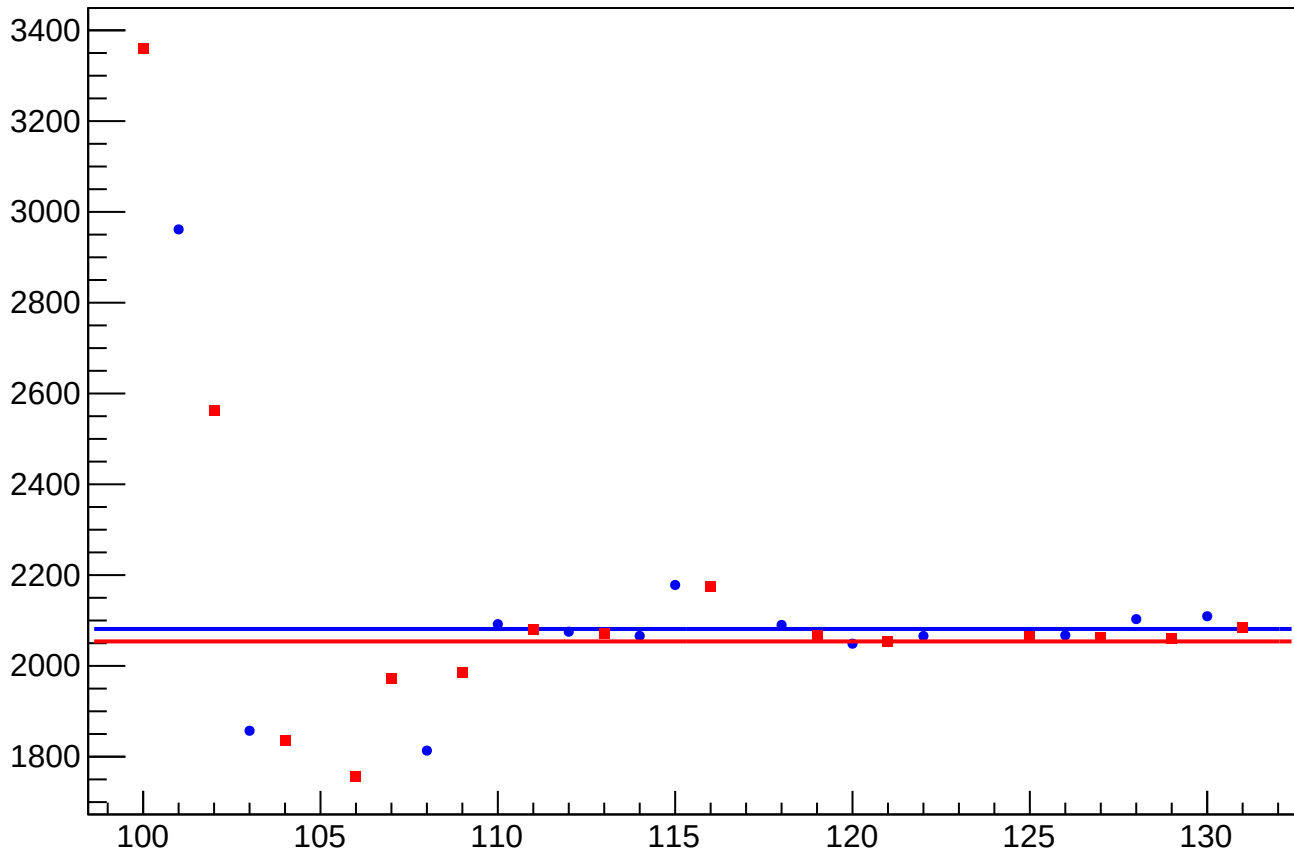
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -683.263 $\pm$ 611.686 χ^2 /NDF: 23.7/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2081.338+/-0.631 χ^2 /NDF: 151023.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 2053.915+/-0.594 χ^2 /NDF: 99095.3/14

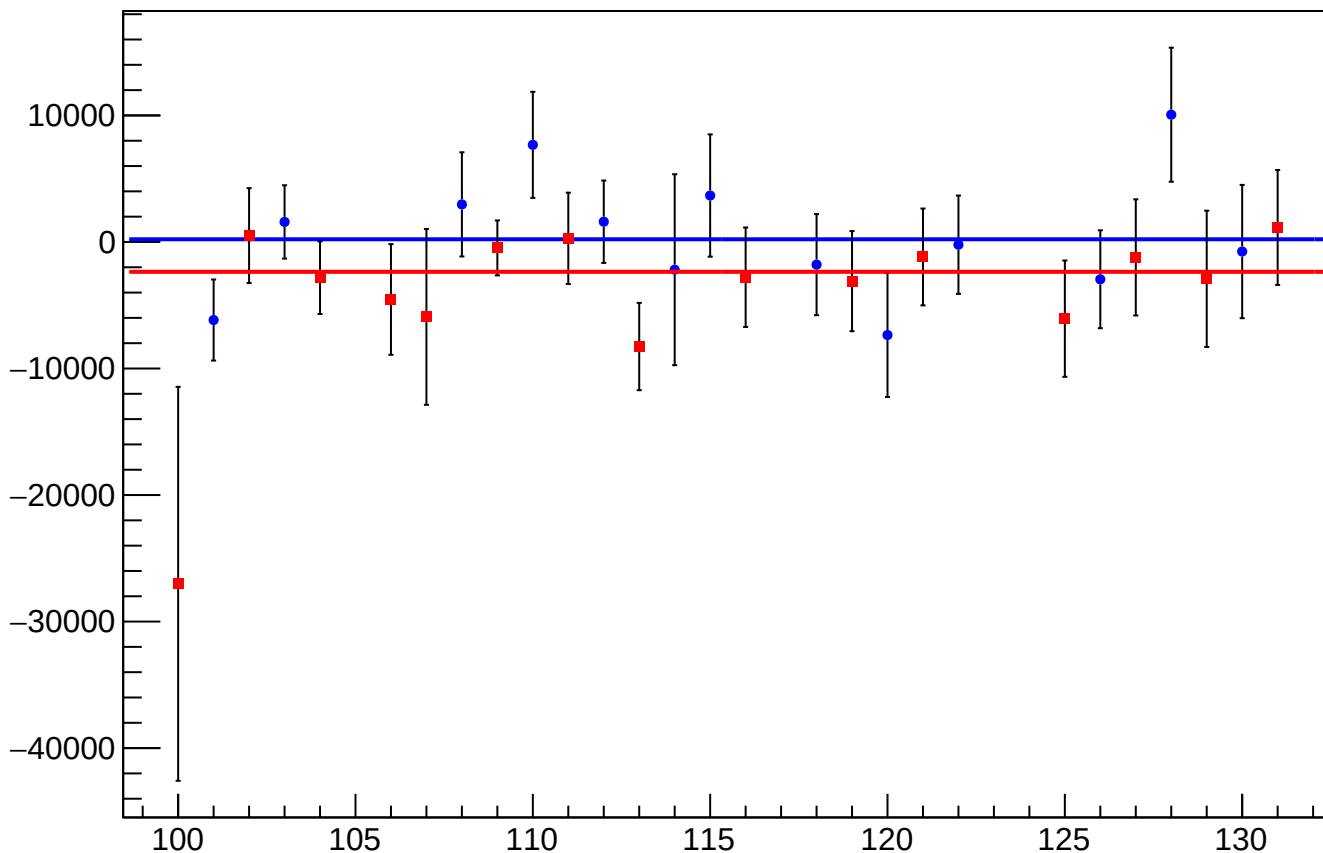
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 2066.803+/-0.433 χ^2 /NDF: 251119.7/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_cor_correction_mean vs Slug



Right In: 212.746 $\pm$ 1120.536 χ^2 /NDF: 15.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2358.888 $\pm$ 991.561 χ^2 /NDF: 9.3/14

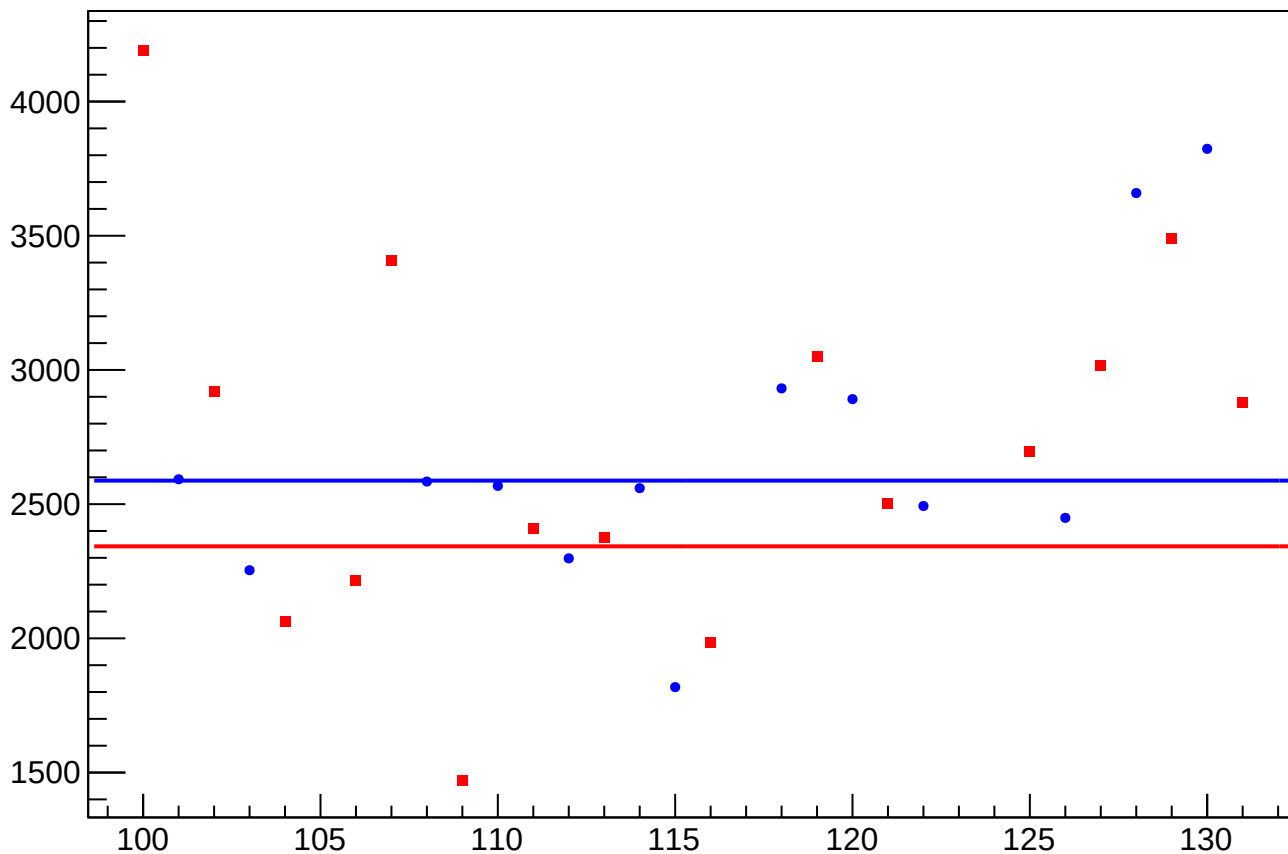
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1229.524 $\pm$ 742.572 χ^2 /NDF: 27.7/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_cor_correction_rms vs Slug



Right In: 2587.681+/-0.792 χ^2/NDF : 311438.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2342.792+/-0.701 χ^2/NDF : 724574.3/14

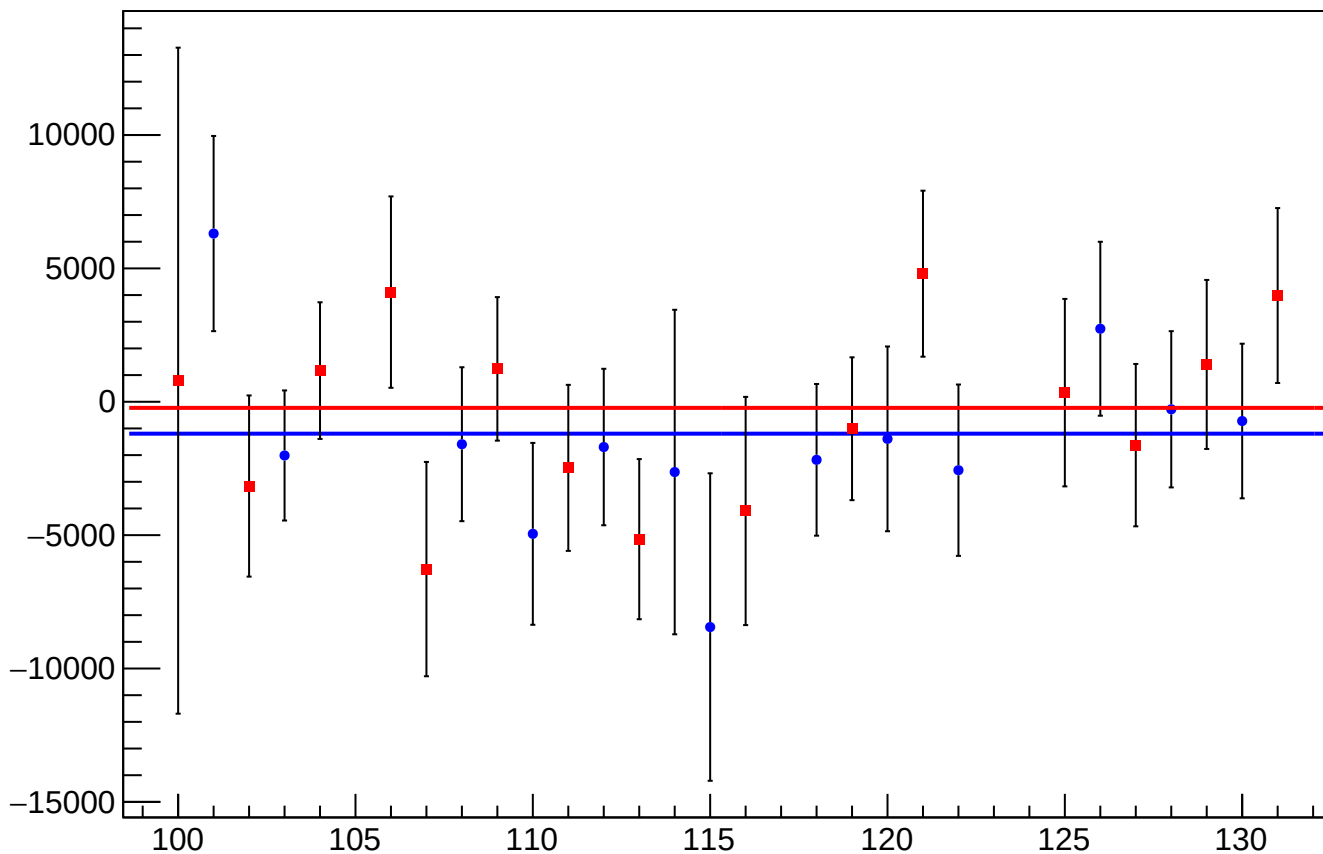
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2450.338+/-0.525 χ^2/NDF : 1089586.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1196.043 $\pm$ 892.244 χ^2 /NDF: 9.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -228.552 $\pm$ 840.208 χ^2 /NDF: 13.9/14

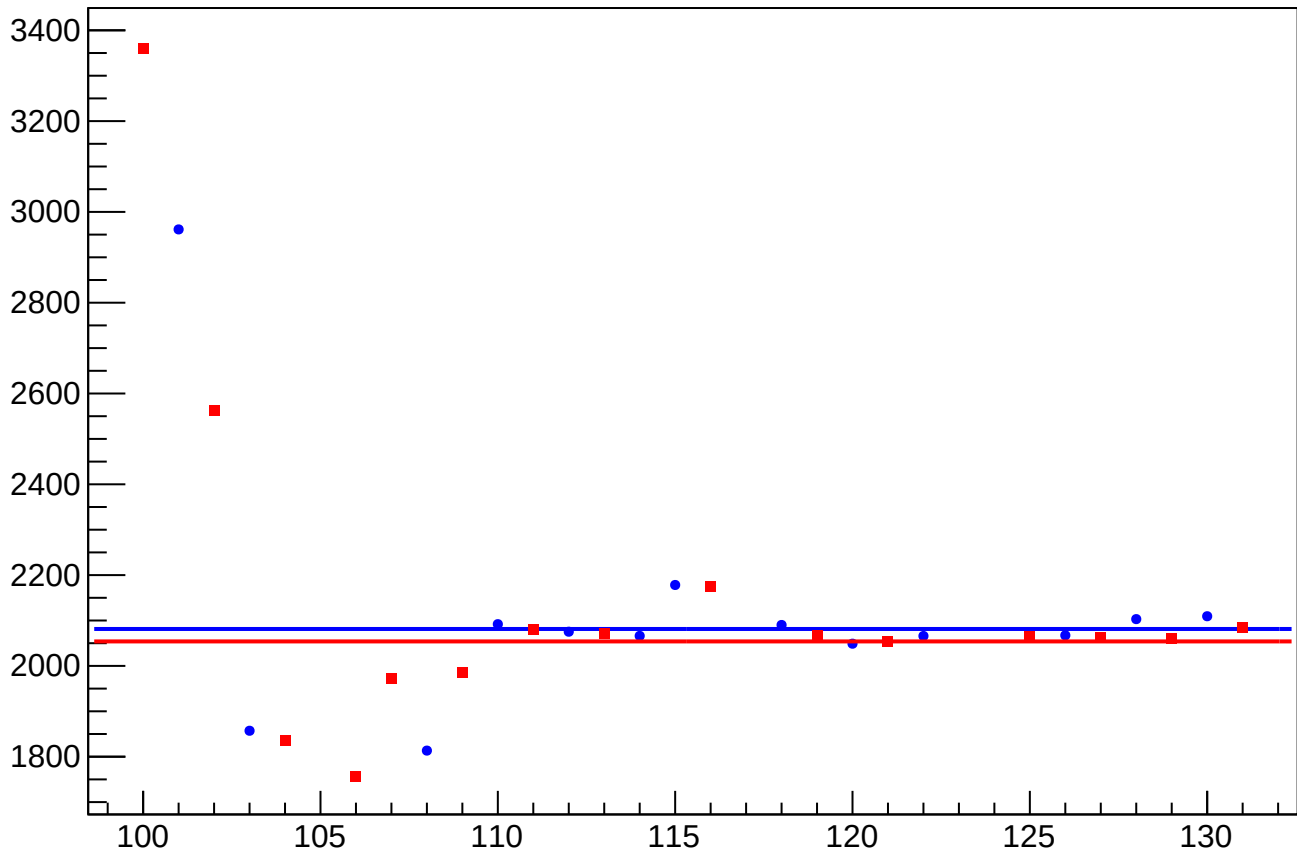
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -683.263 $\pm$ 611.686 χ^2 /NDF: 23.7/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2081.338+/-0.631 χ^2/NDF : 151023.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2053.915+/-0.594 χ^2/NDF : 99095.3/14

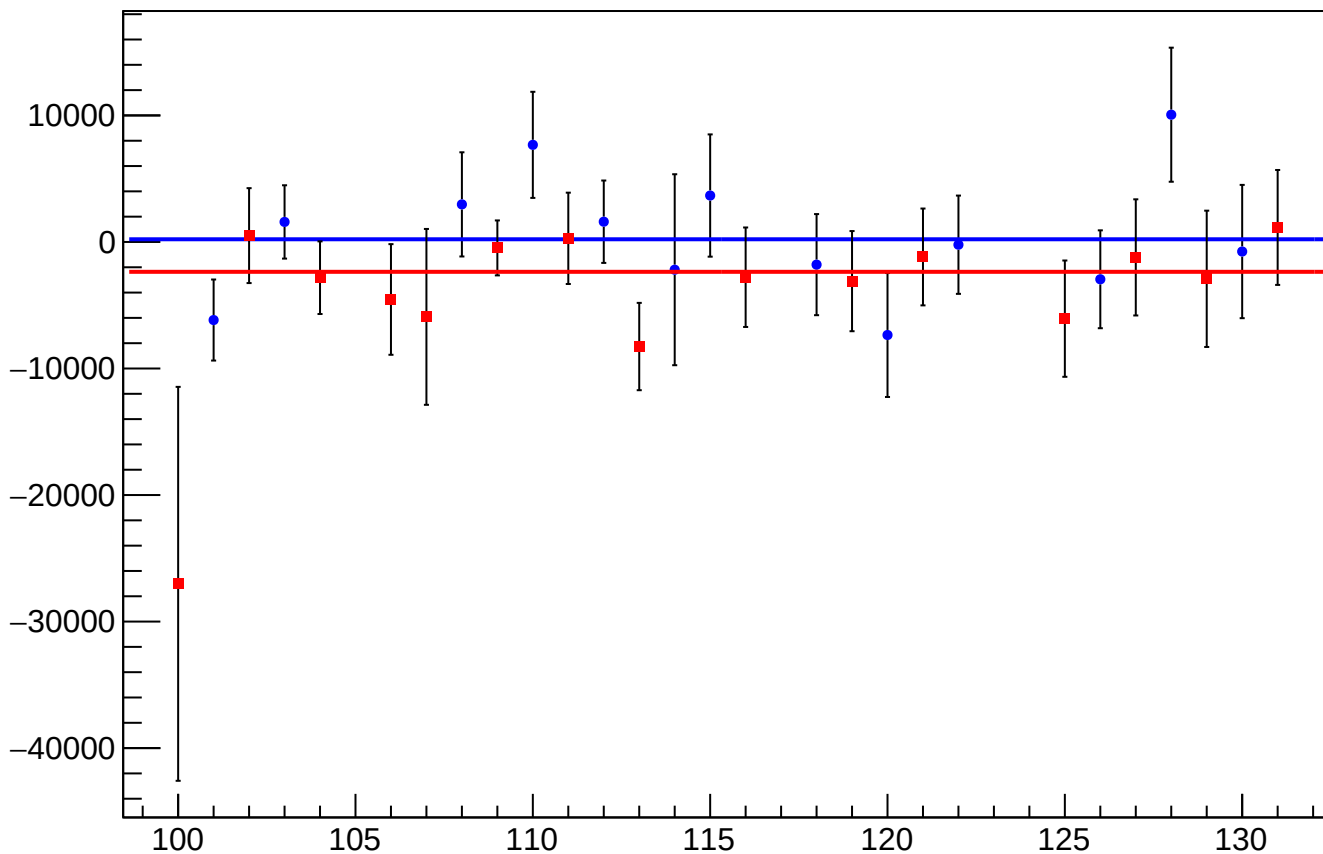
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2066.803+/-0.433 χ^2/NDF : 251119.7/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_mean vs Slug



Right In: 212.746+/-1120.536 χ^2/NDF : 15.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2358.888+/-991.561 χ^2/NDF : 9.3/14

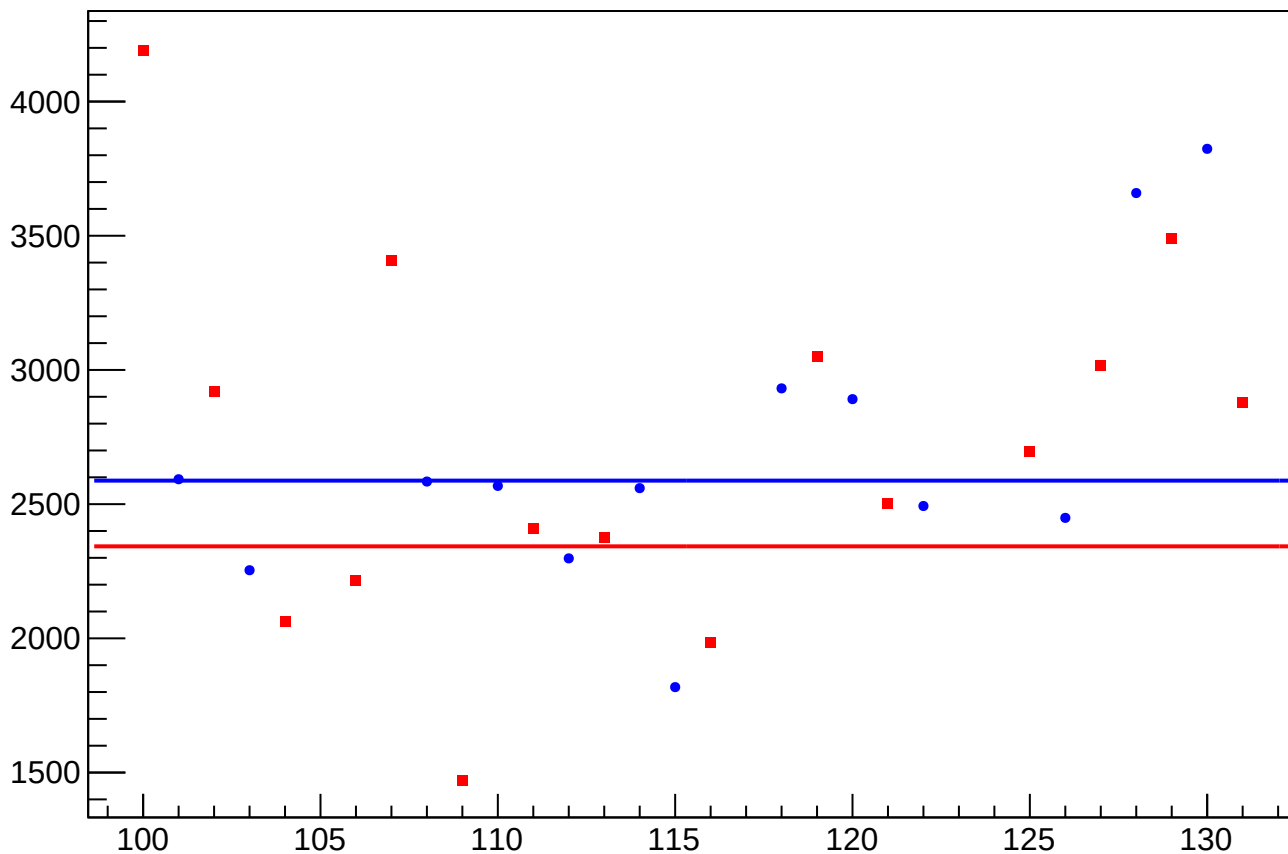
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1229.524+/-742.572 χ^2/NDF : 27.7/27

- 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: 2587.681+/-0.792 χ^2/NDF : 311438.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2342.792+/-0.701 χ^2/NDF : 724574.3/14

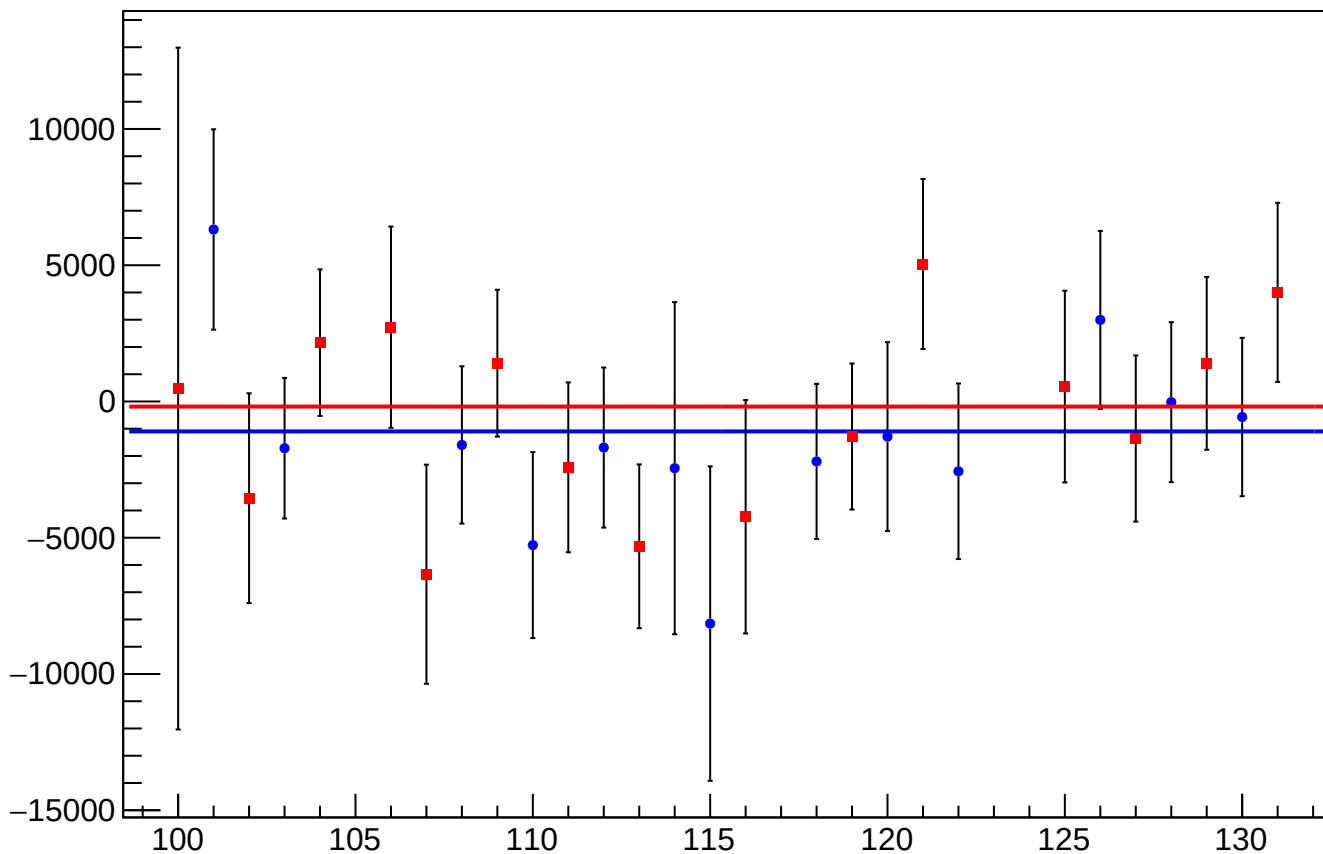
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2450.338+/-0.525 χ^2/NDF : 1089586.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1099.065 $\pm$ 900.174 χ^2 /NDF: 9.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -186.495 $\pm$ 852.684 χ^2 /NDF: 14.2/14

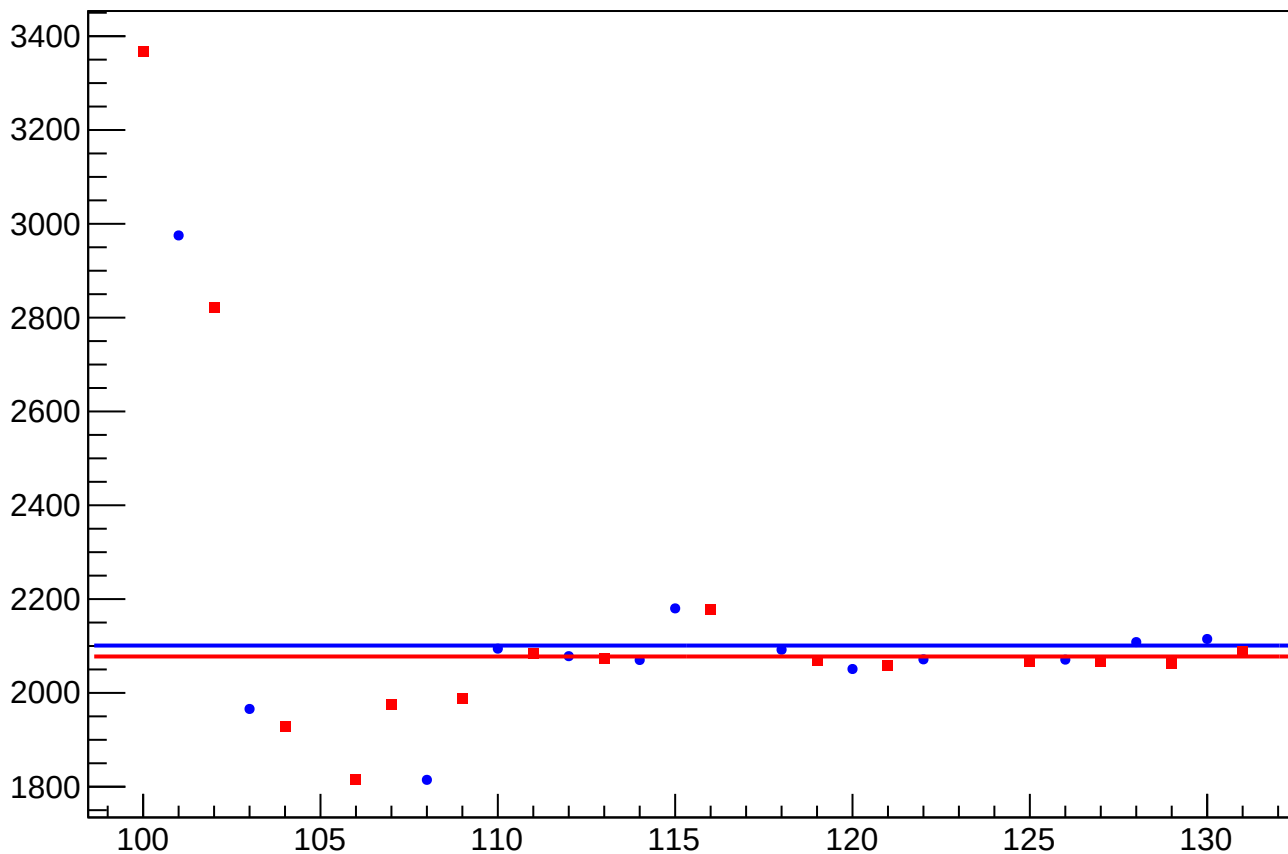
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -618.074 $\pm$ 619.047 χ^2 /NDF: 24.1/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2100.946 $\pm$ 0.637 χ^2 /NDF: 139615.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2077.641 $\pm$ 0.603 χ^2 /NDF: 116924.5/14

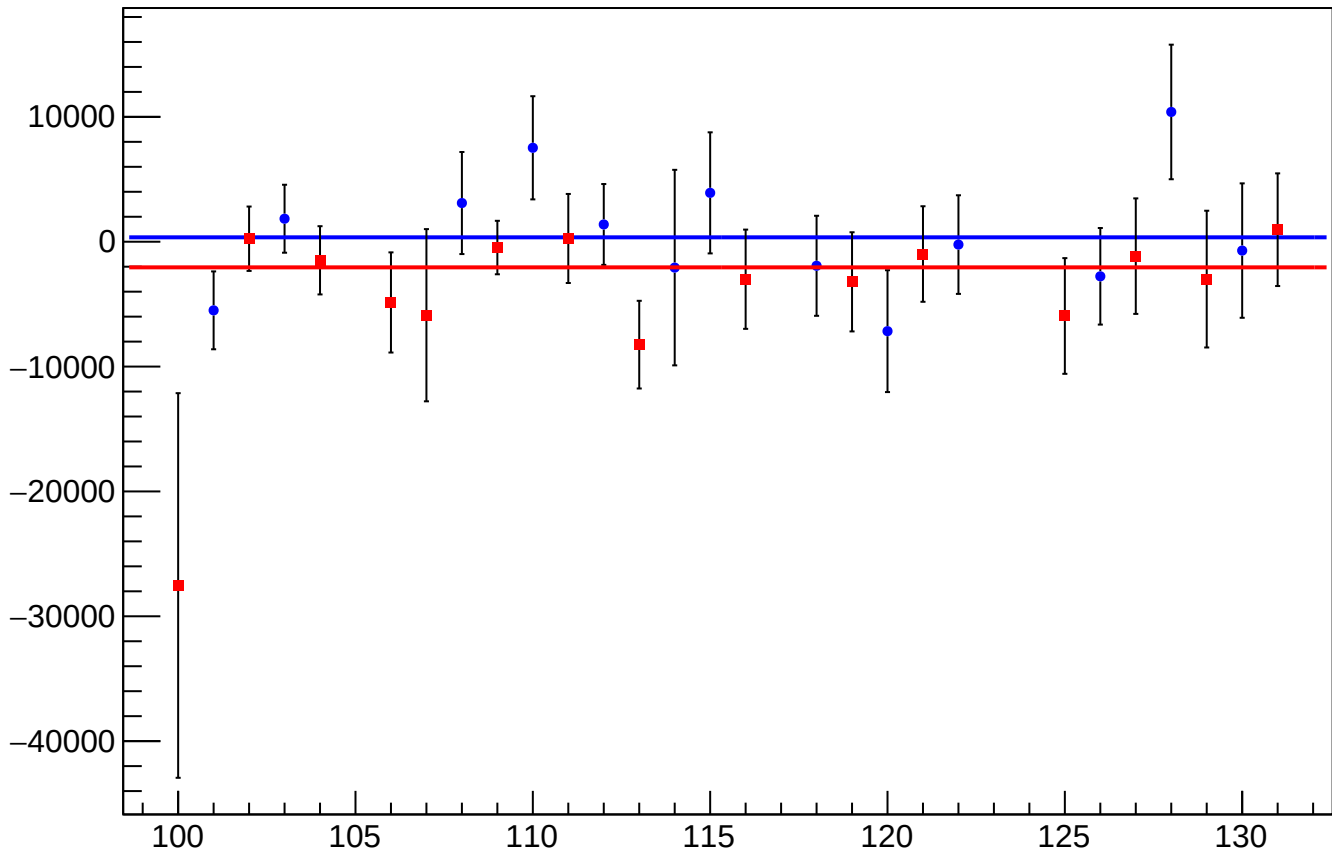
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2088.662 $\pm$ 0.438 χ^2 /NDF: 257246.9/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_dit_correction_mean vs Slug



Right In: 352.440 $\pm$ 1107.904 χ^2 /NDF: 14.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2052.616 $\pm$ 944.805 χ^2 /NDF: 9.9/14

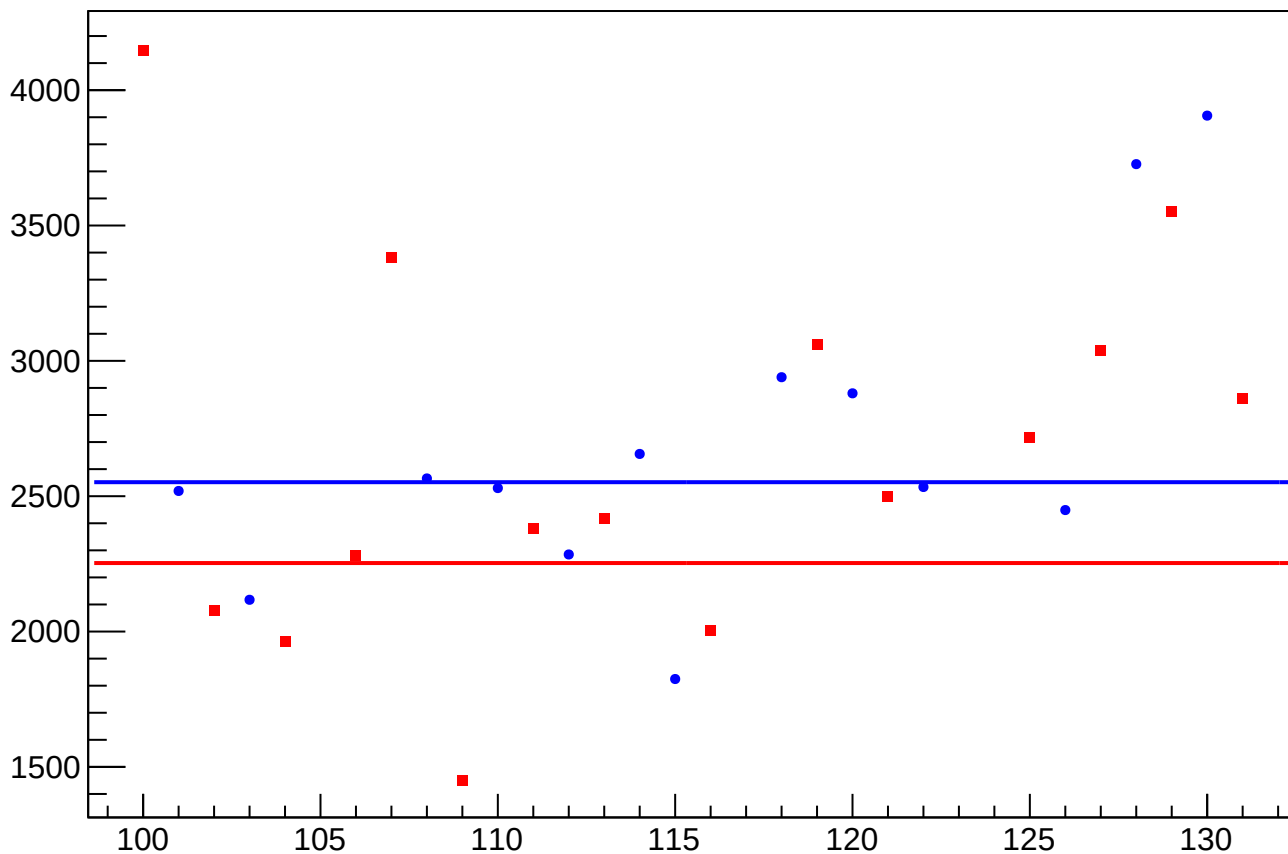
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1039.984 $\pm$ 718.895 χ^2 /NDF: 27.5/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_dit_correction_rms vs Slug



Right In: 2551.776 $\pm$ 0.783 χ^2 /NDF: 361073.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2253.063 $\pm$ 0.668 χ^2 /NDF: 729133.5/14

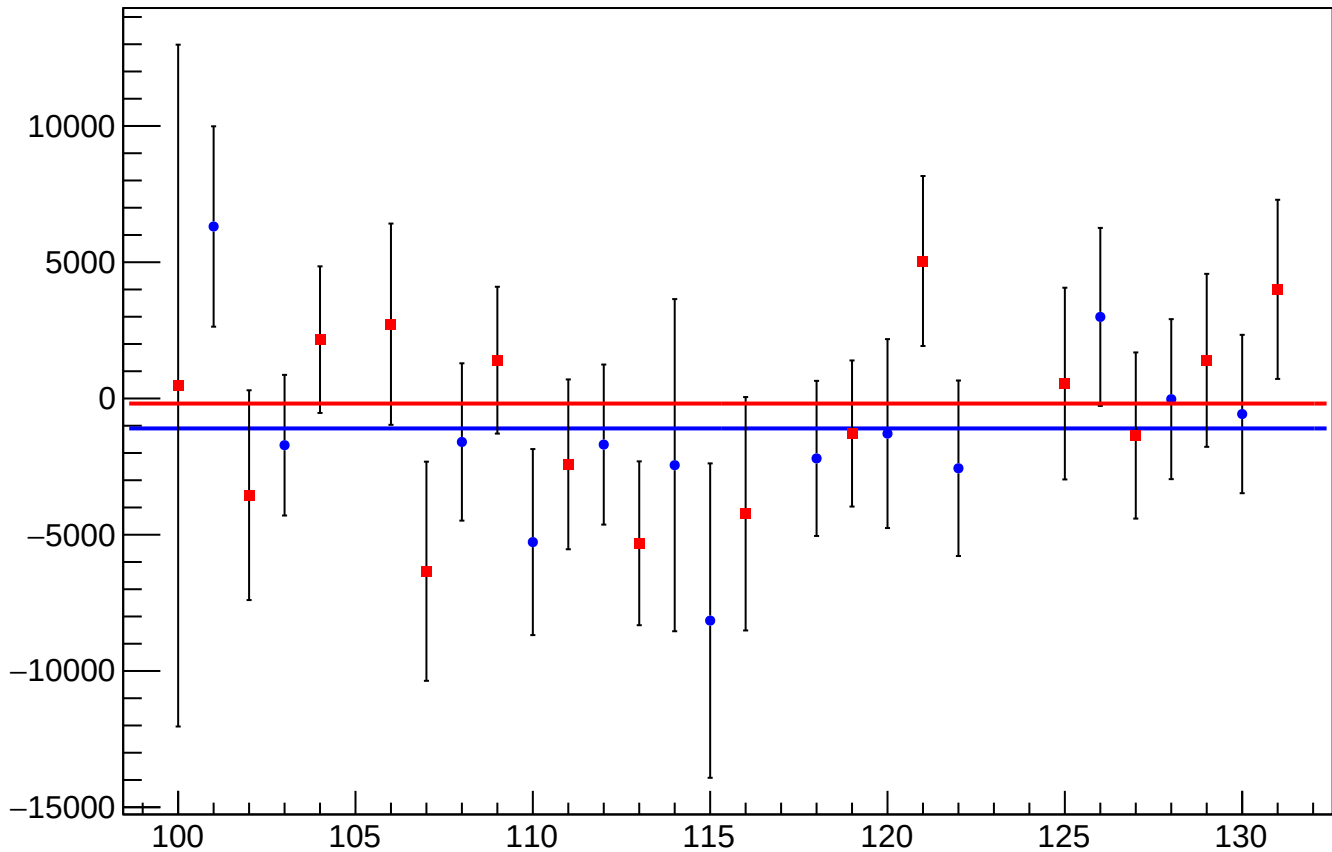
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2378.834 $\pm$ 0.508 χ^2 /NDF: 1174381.9/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1099.063±/900.174 χ^2/NDF : 9.3/12

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: -186.489±/852.684 χ^2/NDF : 14.2/14

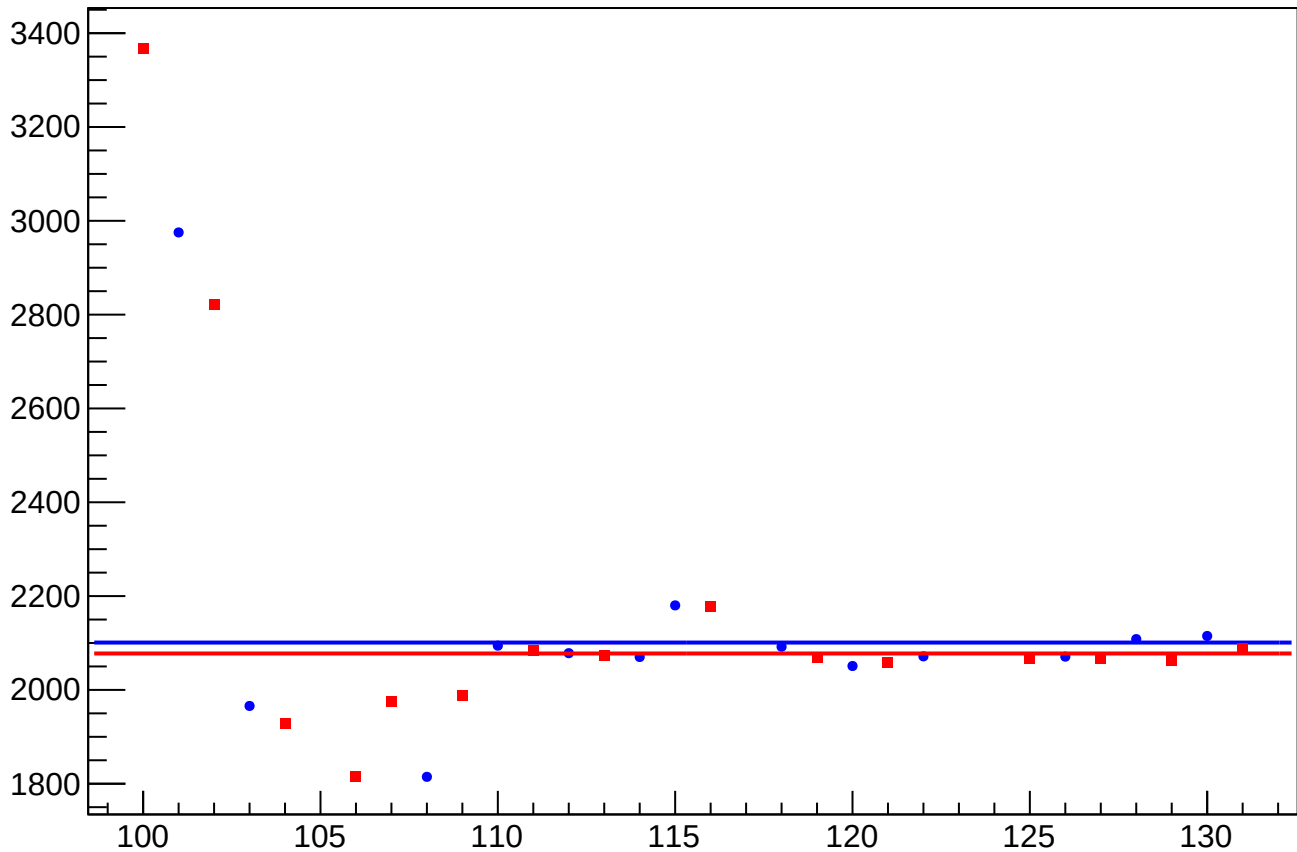
Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

+ sign 0.000±/0.000 χ^2/NDF : 0.0/0

All: -618.070±/619.047 χ^2/NDF : 24.1/27

- sign 0.000±/0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2100.945+/-0.637 χ^2/NDF : 139615.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

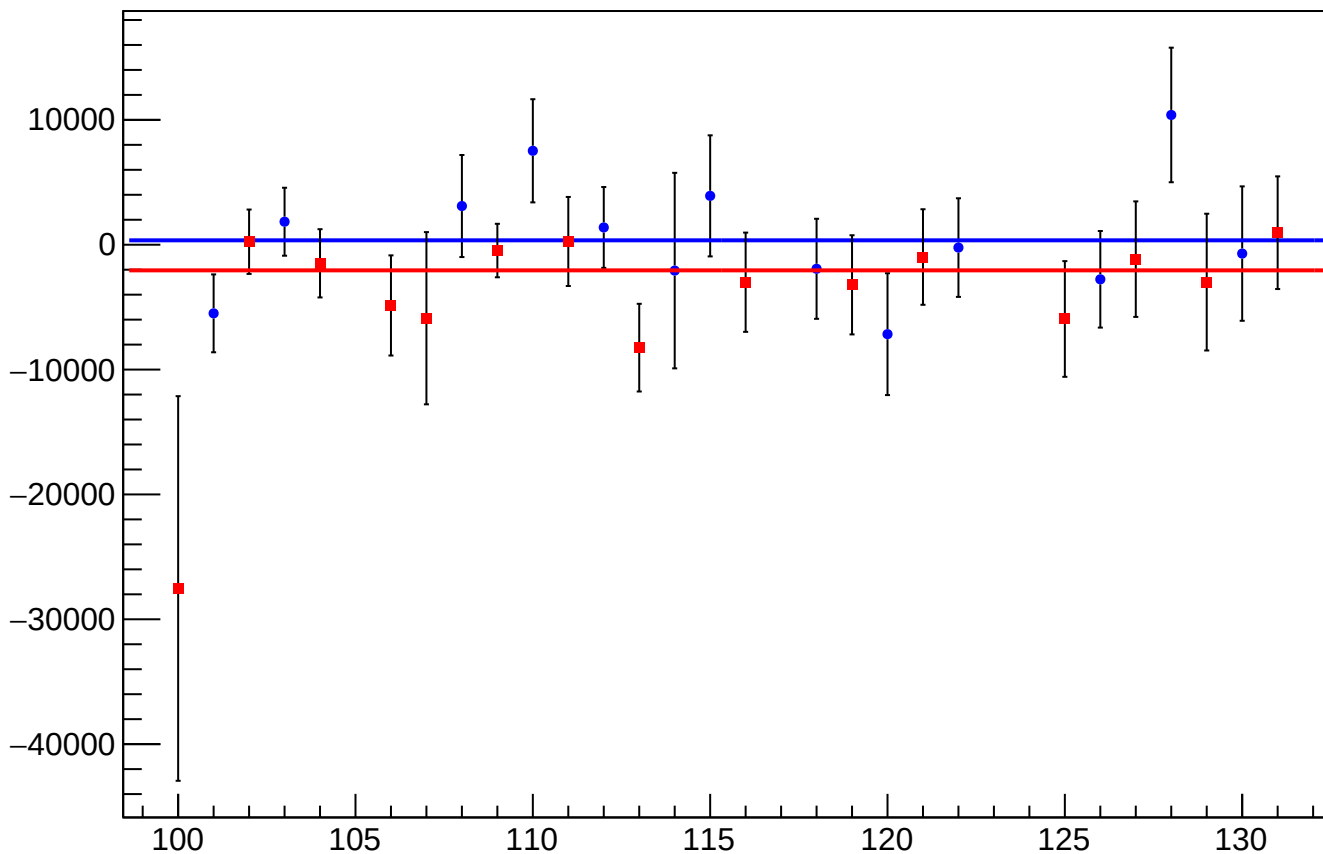
Right Out: 2077.641+/-0.603 χ^2/NDF : 116924.4/14

All: 2088.662+/-0.438 χ^2/NDF : 257246.7/27

- 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_dit_correction_mean vs Slug



Right In: 352.438+/-1107.901 χ^2 /NDF: 14.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -2052.619+/-944.805 χ^2 /NDF: 9.9/14

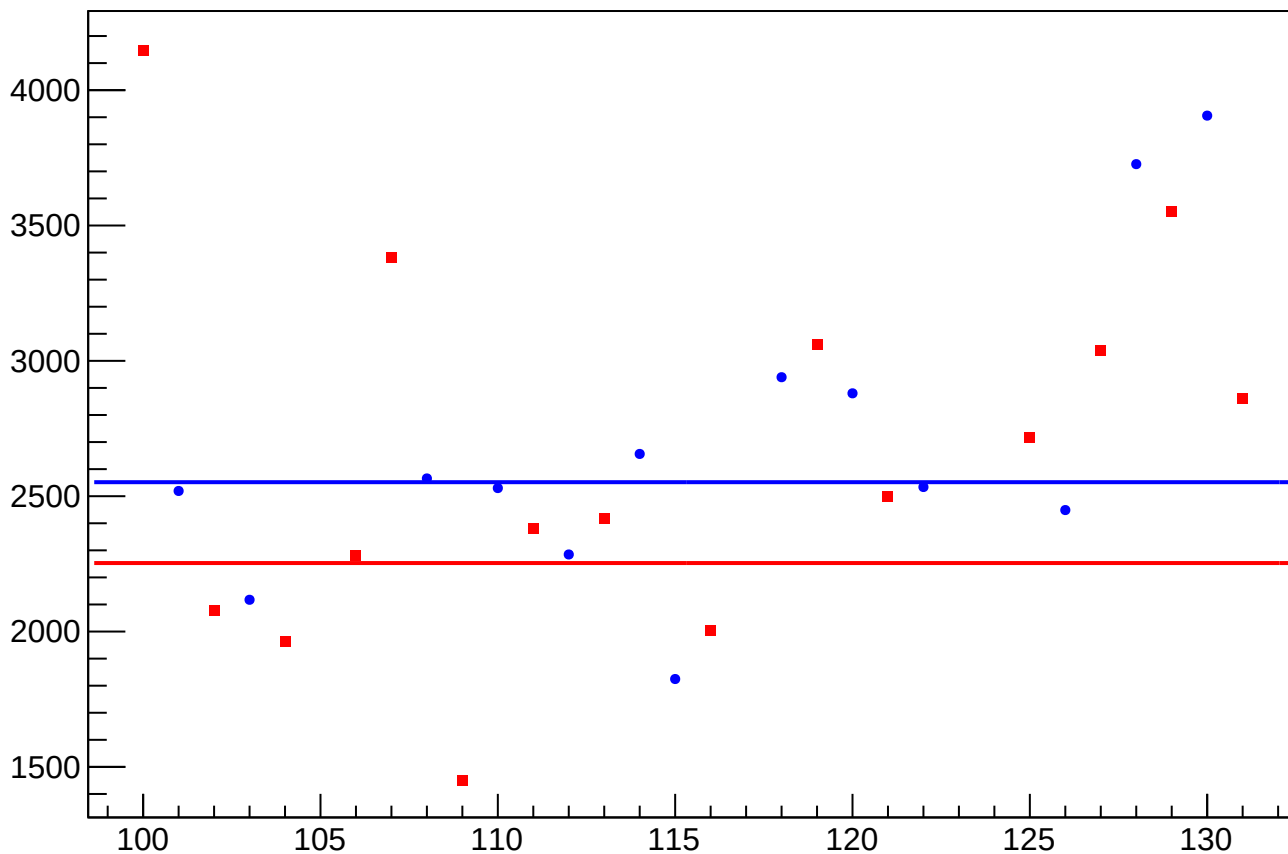
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1039.983+/-718.894 χ^2 /NDF: 27.5/27

- 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: 2551.771 $\pm$ 0.783 χ^2 /NDF: 361065.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2253.066 $\pm$ 0.668 χ^2 /NDF: 729113.4/14

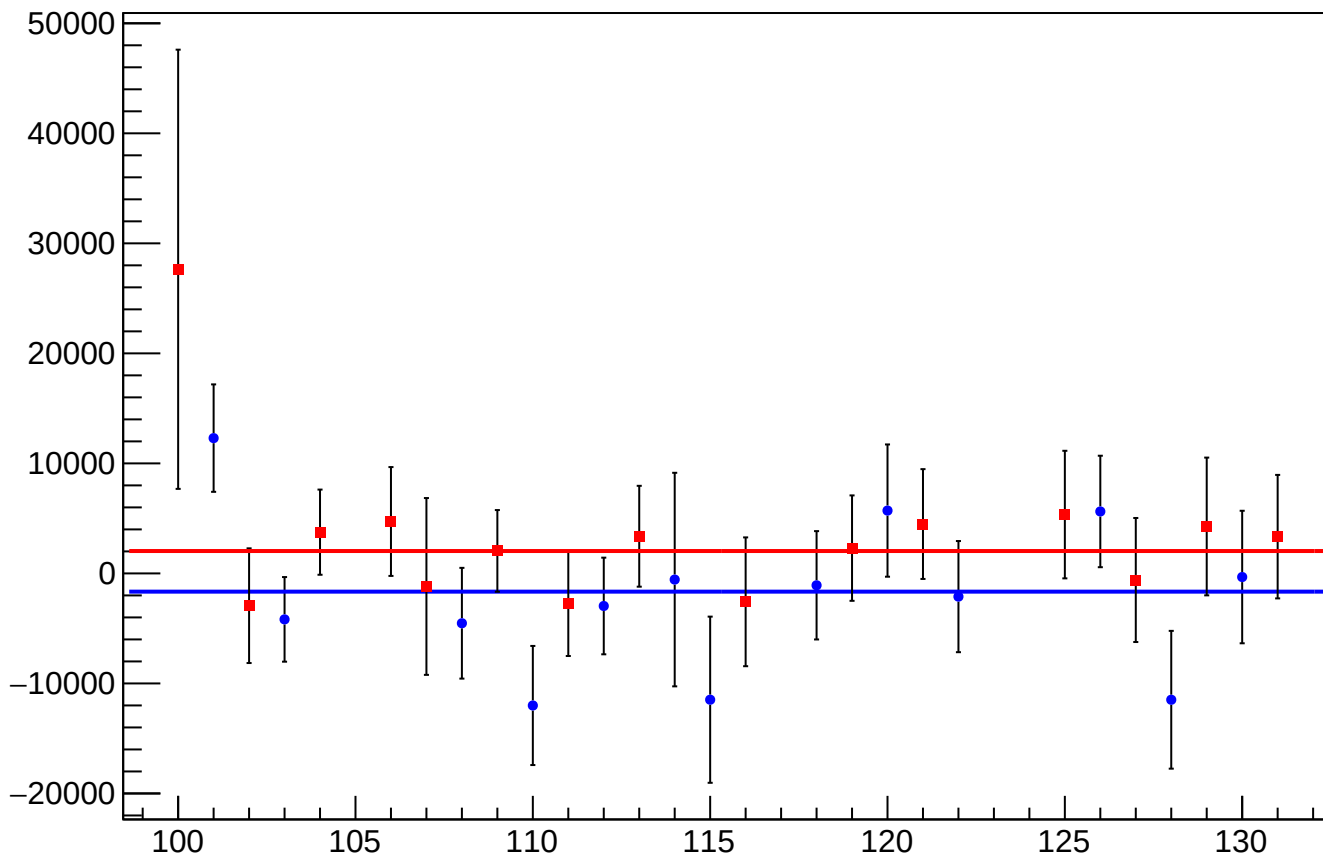
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2378.834 $\pm$ 0.508 χ^2 /NDF: 1174349.2/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1656.804+/-1469.151 χ^2/NDF : 20.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2034.433+/-1338.798 χ^2/NDF : 5.9/14

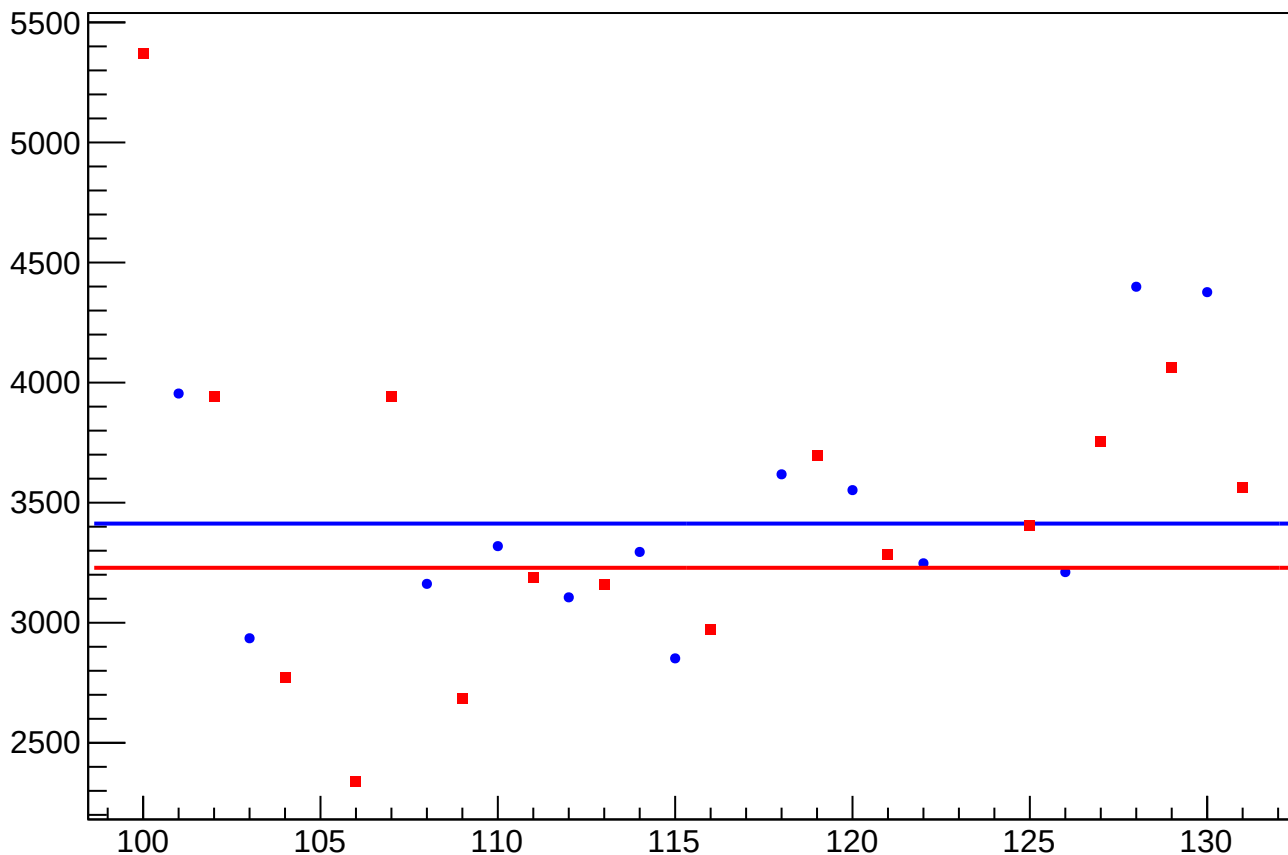
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 359.805+/-989.555 χ^2/NDF : 29.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 3412.935+/-1.039 χ^2/NDF : 192830.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3228.842+/-0.947 χ^2/NDF : 297551.0/14

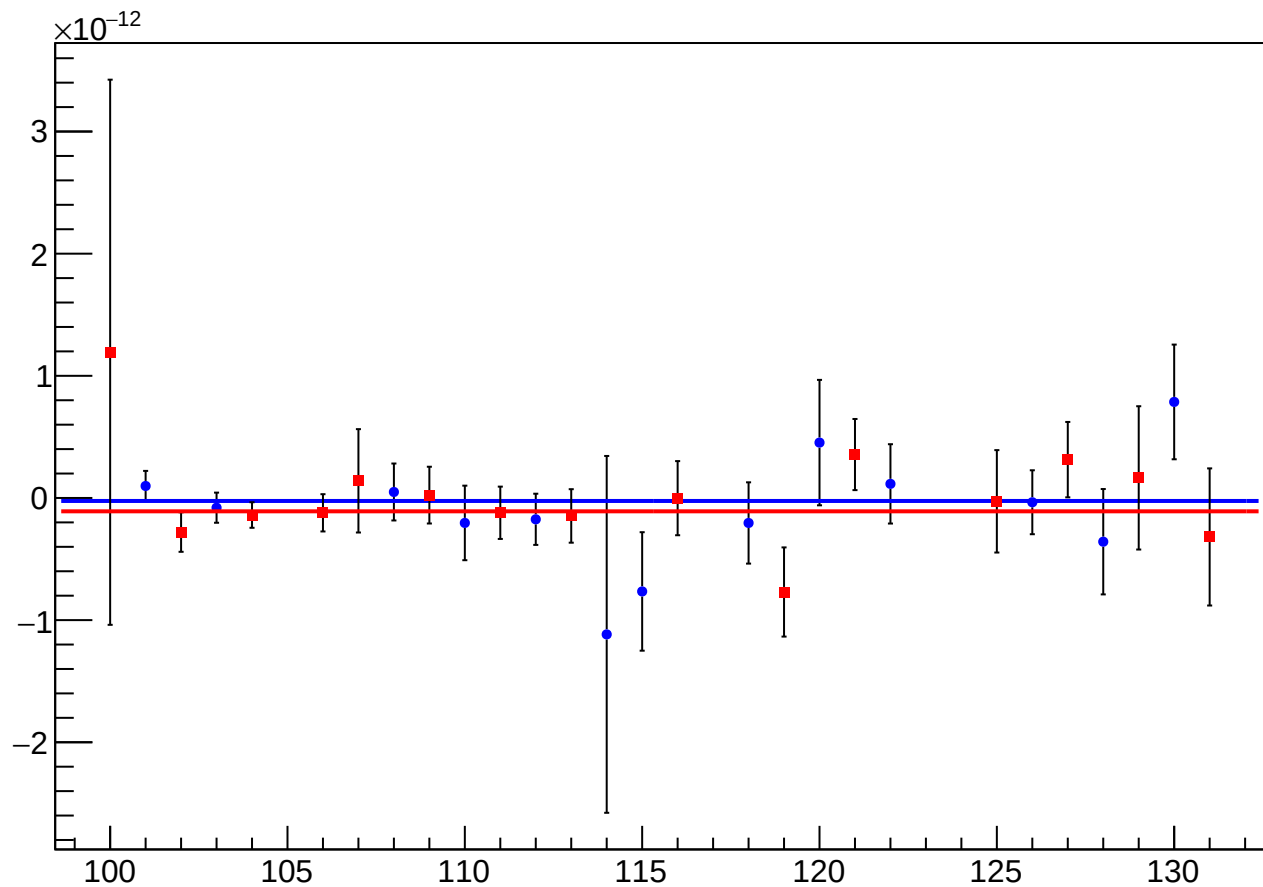
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3312.359+/-0.700 χ^2/NDF : 507538.4/27

- 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: 10.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.5/14

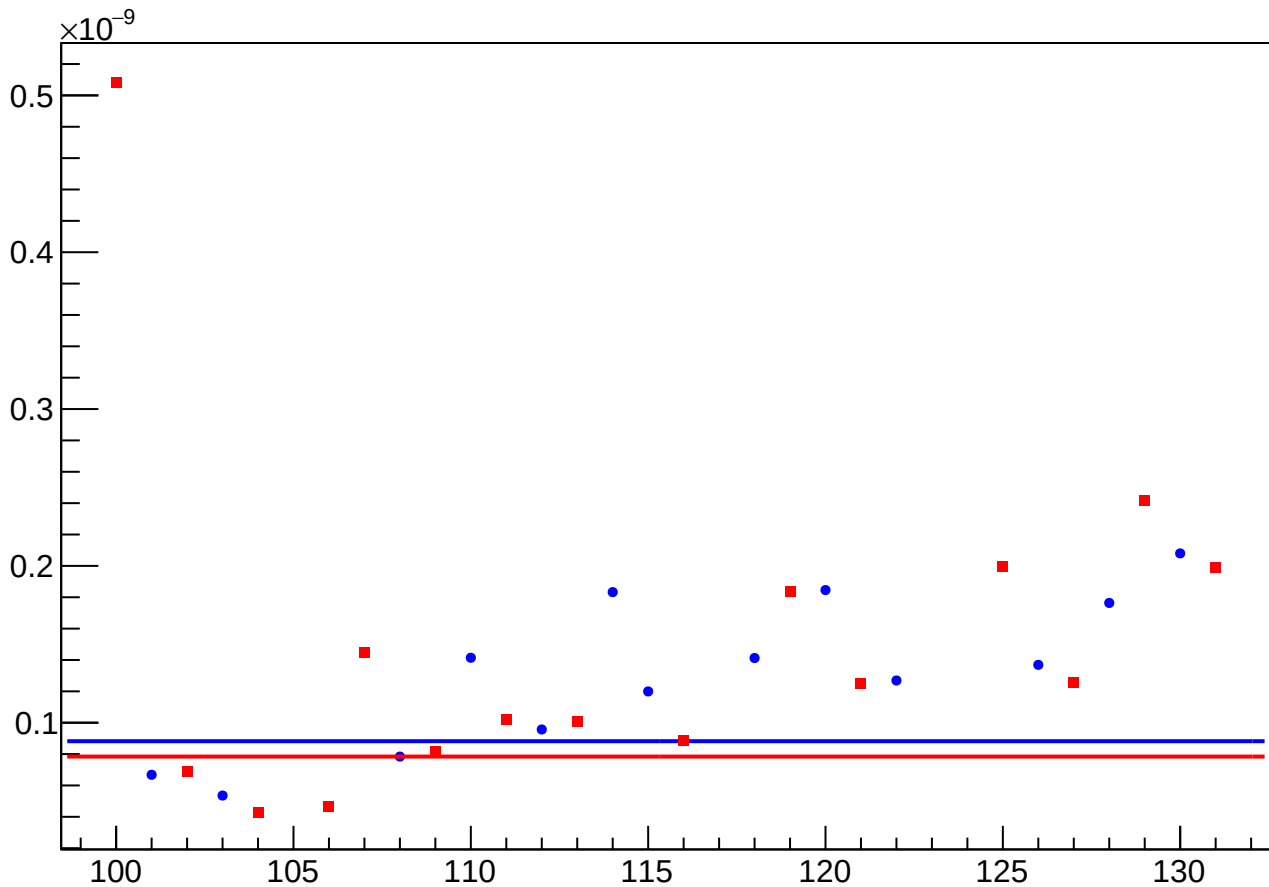
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.4/27

- 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 : 734442.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1177347.1/14

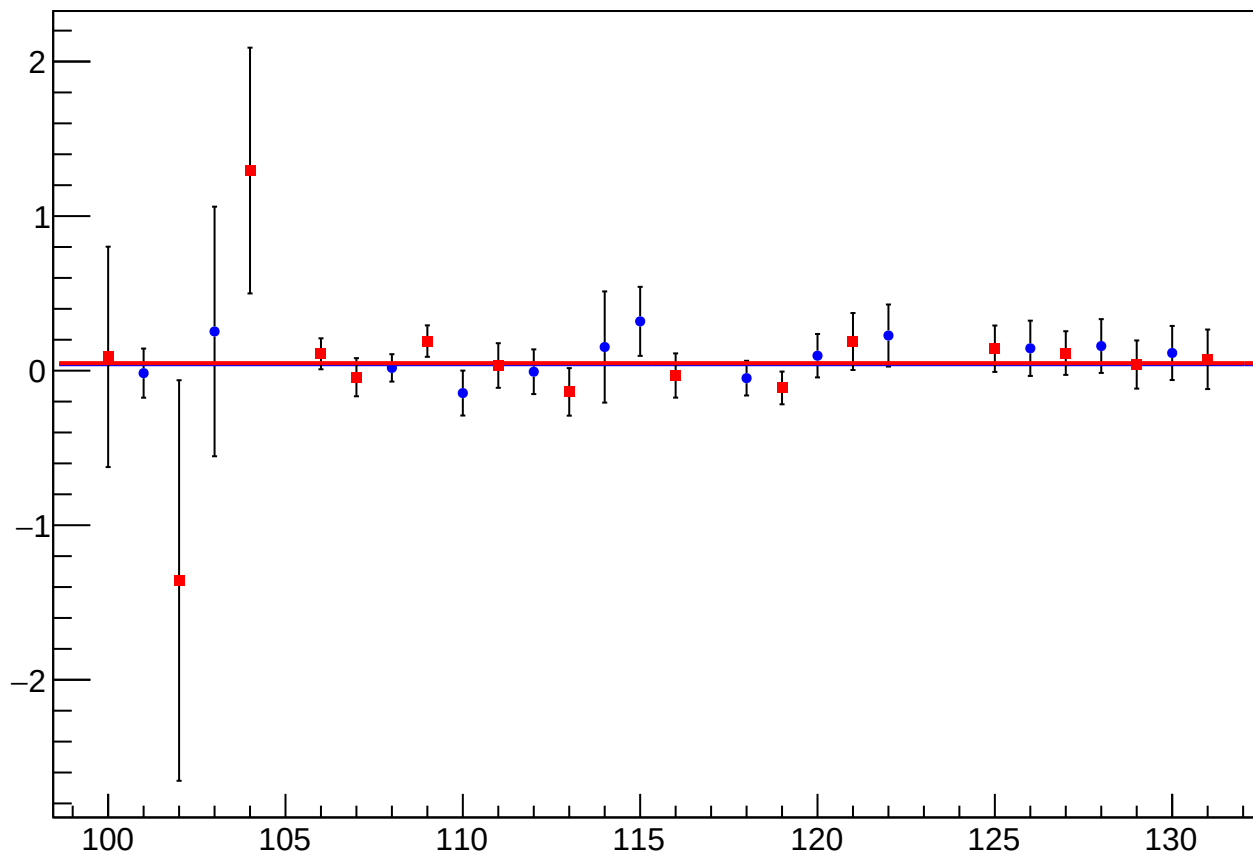
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1936795.7/27

- 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: 0.042 $\pm$ 0.043 χ^2 /NDF: 6.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.049 $\pm$ 0.038 χ^2 /NDF: 11.8/14

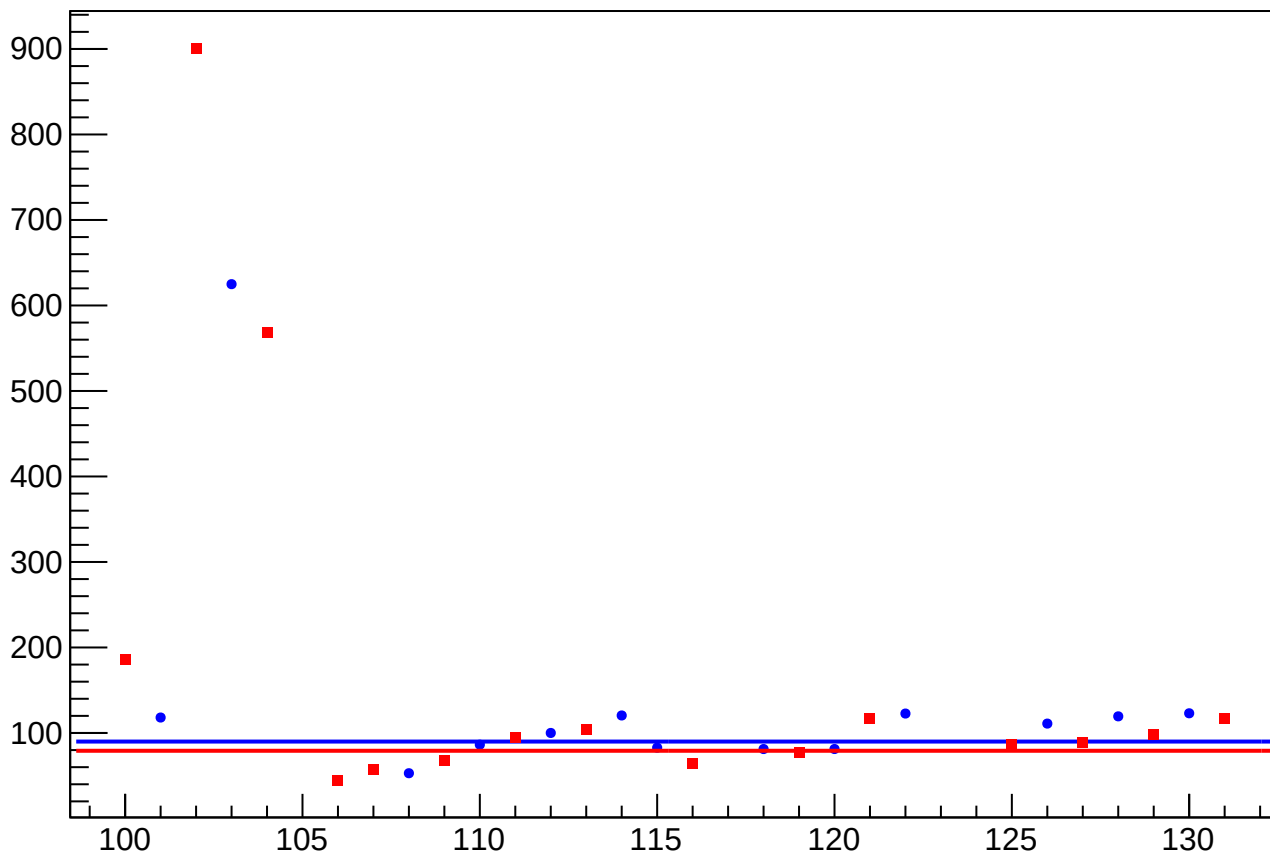
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.046 $\pm$ 0.029 χ^2 /NDF: 18.1/27

- 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: 89.961+/-0.030 χ^2/NDF : 1546845.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.182+/-0.027 χ^2/NDF : 2249153.7/14

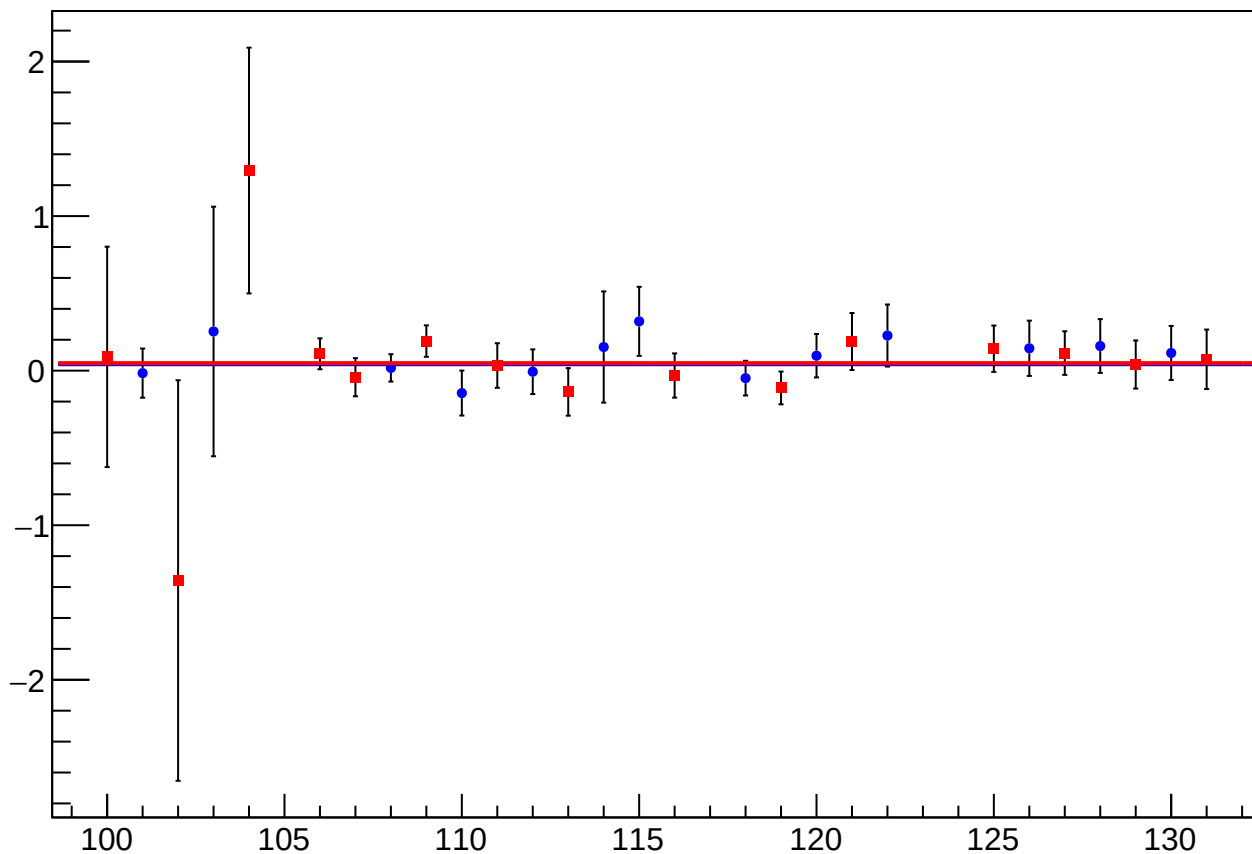
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.942+/-0.020 χ^2/NDF : 3866487.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.042 $\pm$ 0.043 χ^2 /NDF: 6.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.049 $\pm$ 0.038 χ^2 /NDF: 11.8/14

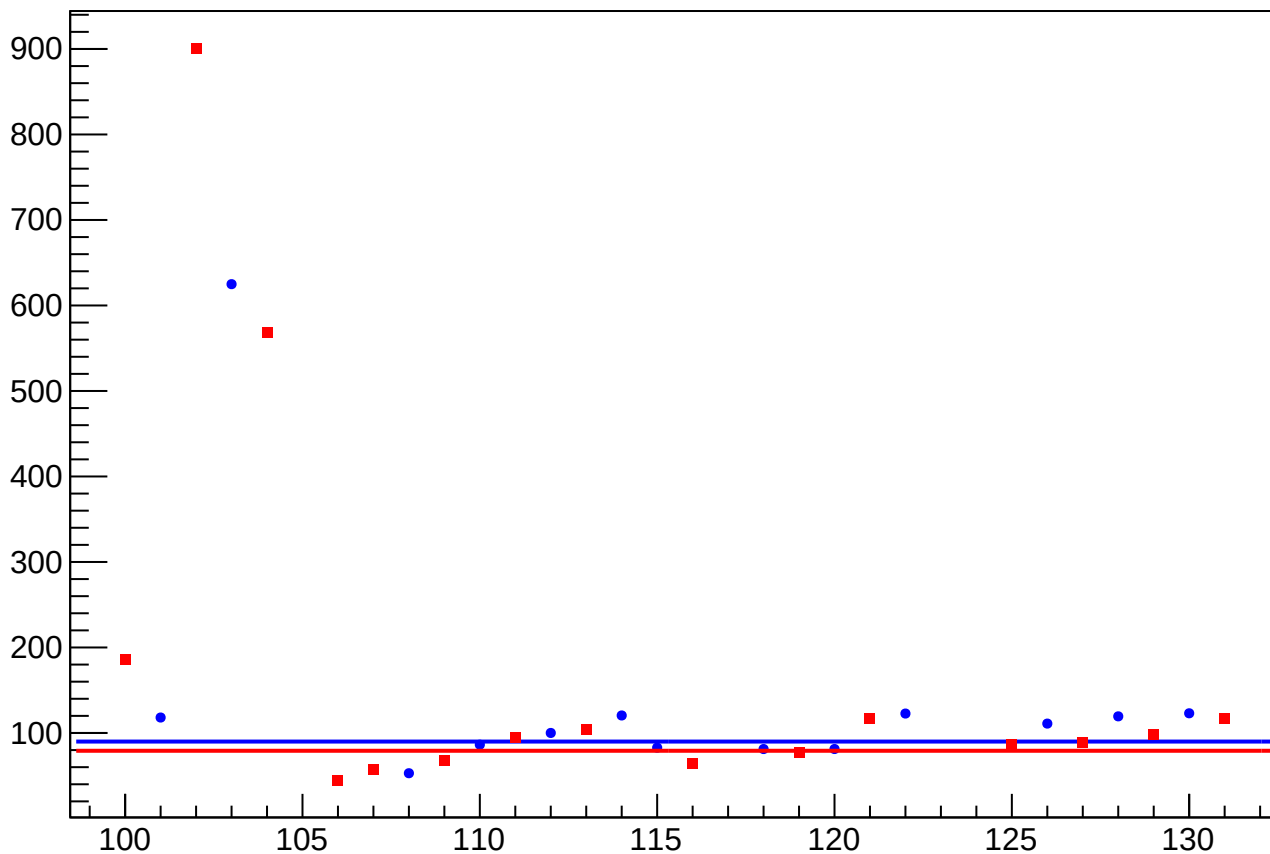
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.046 $\pm$ 0.029 χ^2 /NDF: 18.1/27

- 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: 89.961+/-0.030 χ^2/NDF : 1546845.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.182+/-0.027 χ^2/NDF : 2249153.7/14

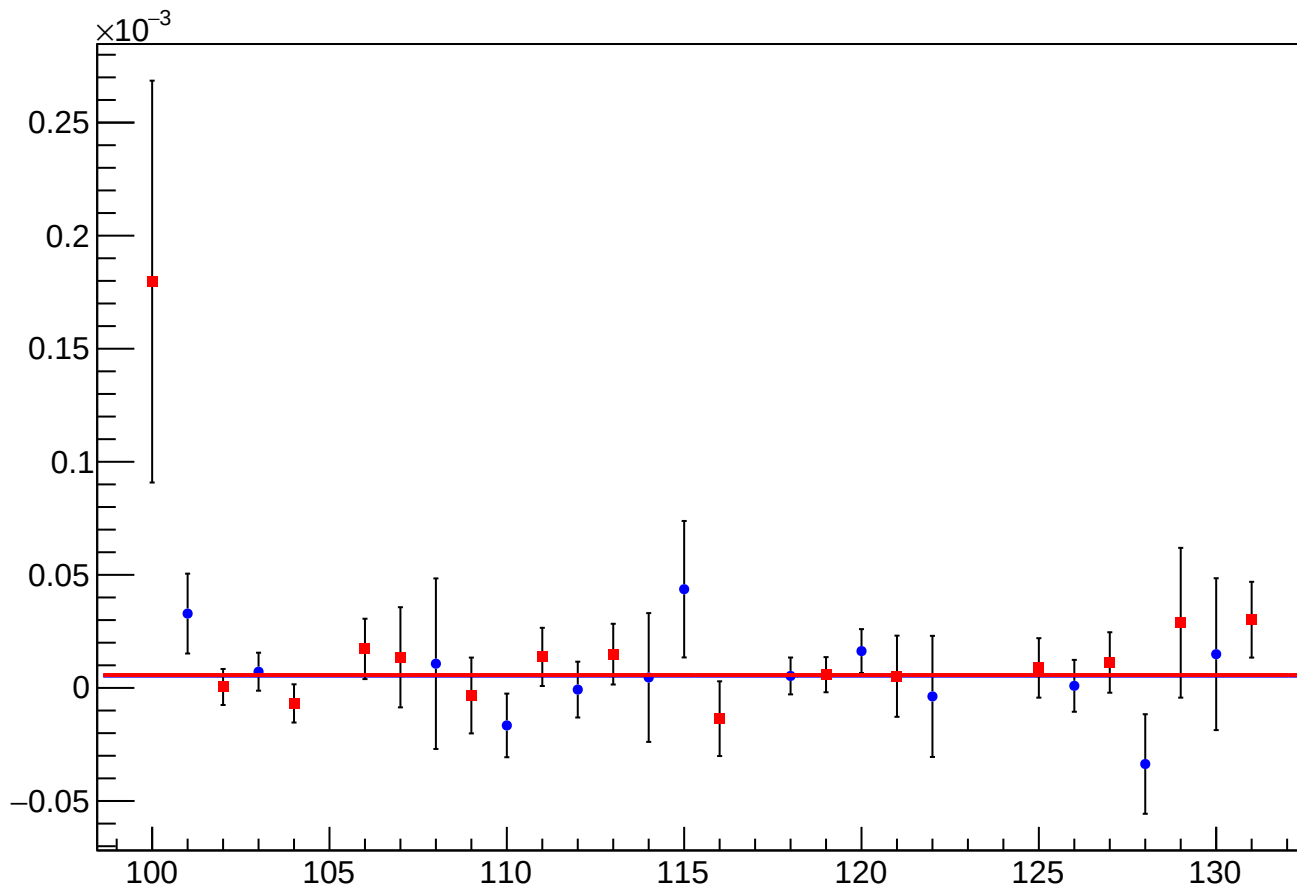
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.942+/-0.020 χ^2/NDF : 3866487.4/27

- 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: 11.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.7/14

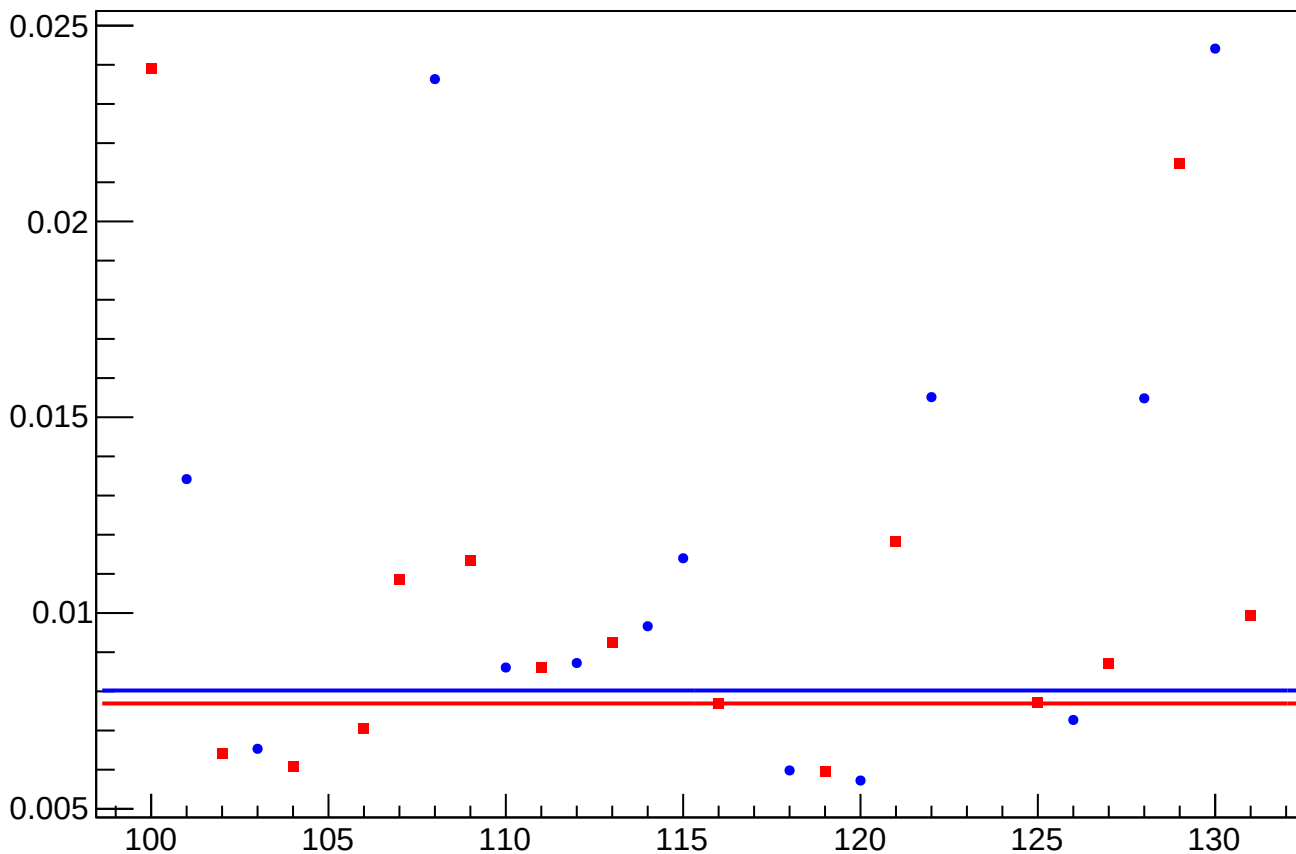
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 24.3/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 1743229.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 967318.5/14

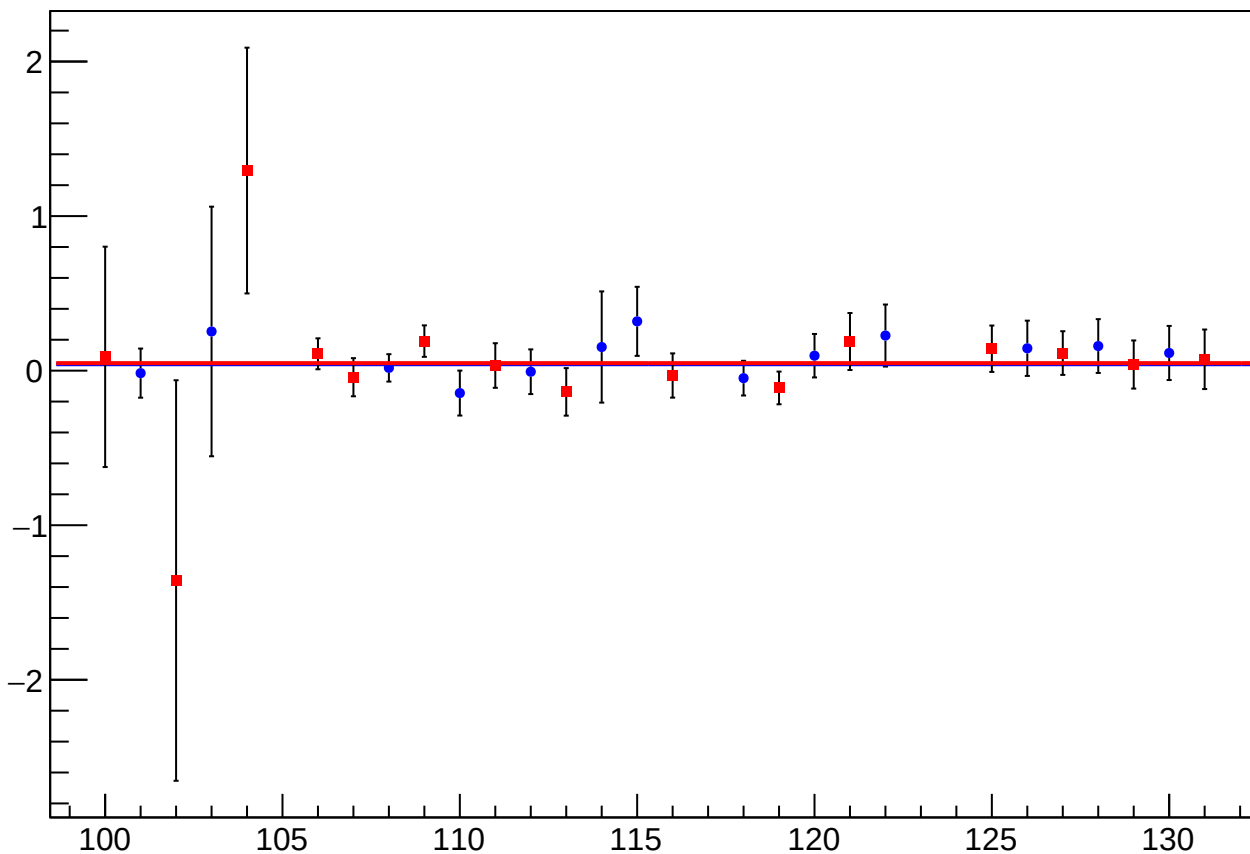
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 2719258.3/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.042 $\pm$ 0.043 χ^2 /NDF: 6.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.049 $\pm$ 0.038 χ^2 /NDF: 11.8/14

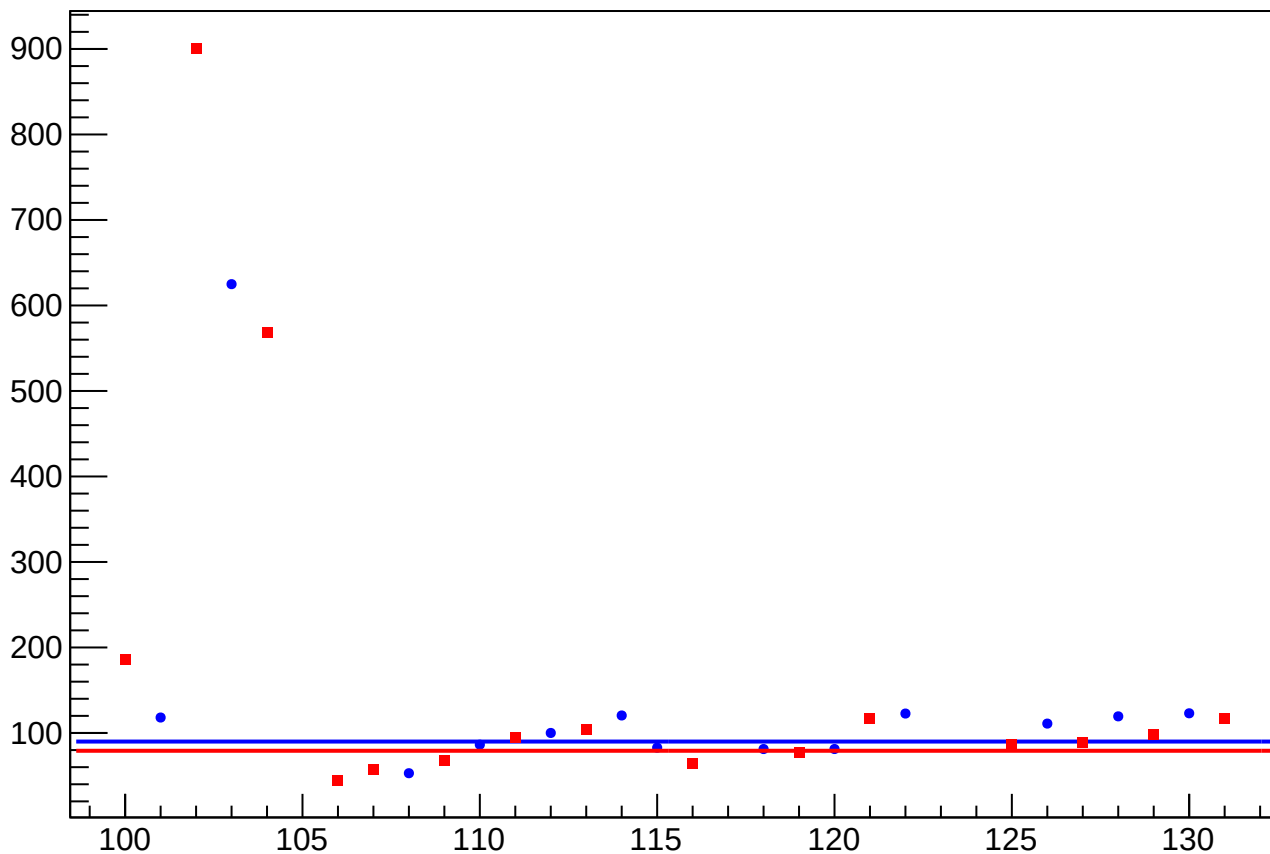
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.046 $\pm$ 0.029 χ^2 /NDF: 18.1/27

- 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: 89.965+/-0.030 χ^2/NDF : 1546551.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.181+/-0.027 χ^2/NDF : 2249122.8/14

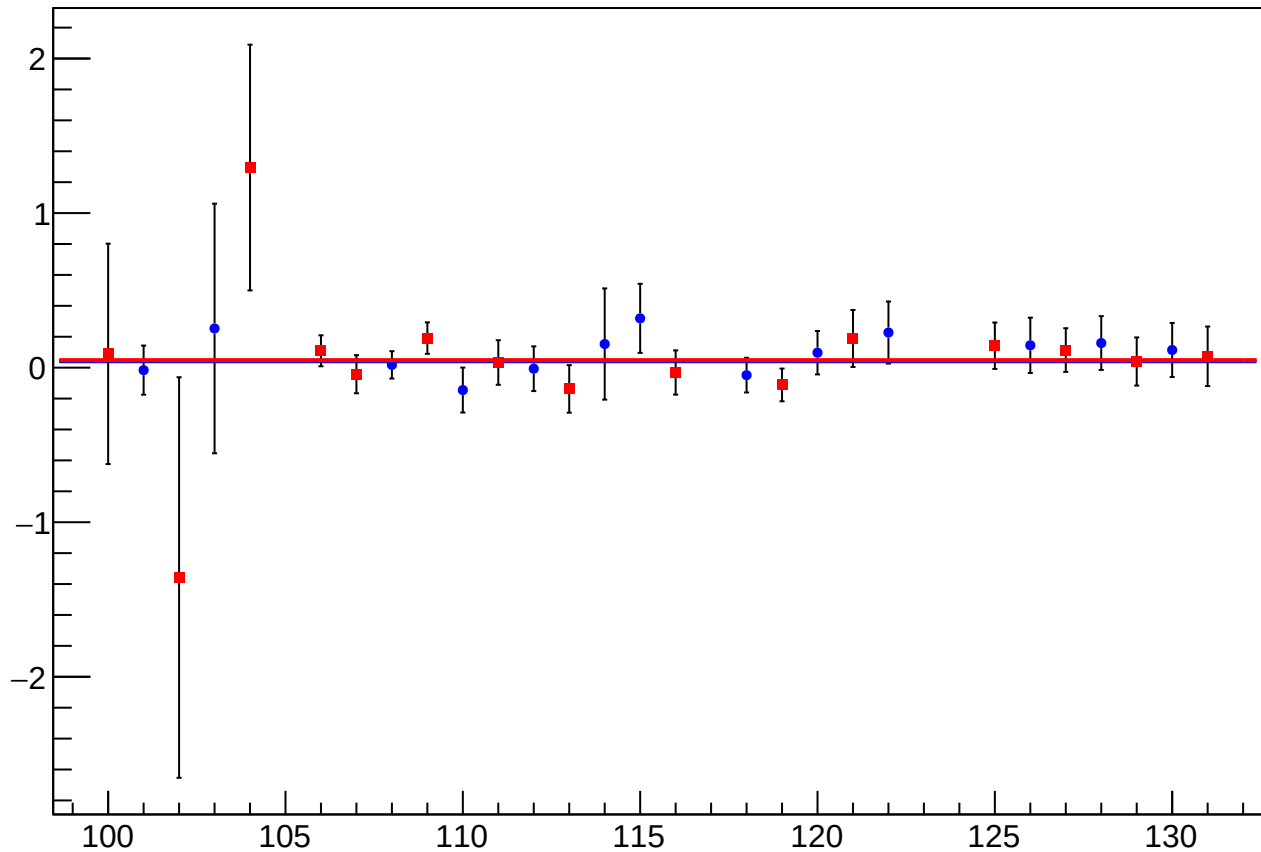
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.944+/-0.020 χ^2/NDF : 3866223.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.042 $\pm$ 0.043 χ^2 /NDF: 6.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.049 $\pm$ 0.038 χ^2 /NDF: 11.8/14

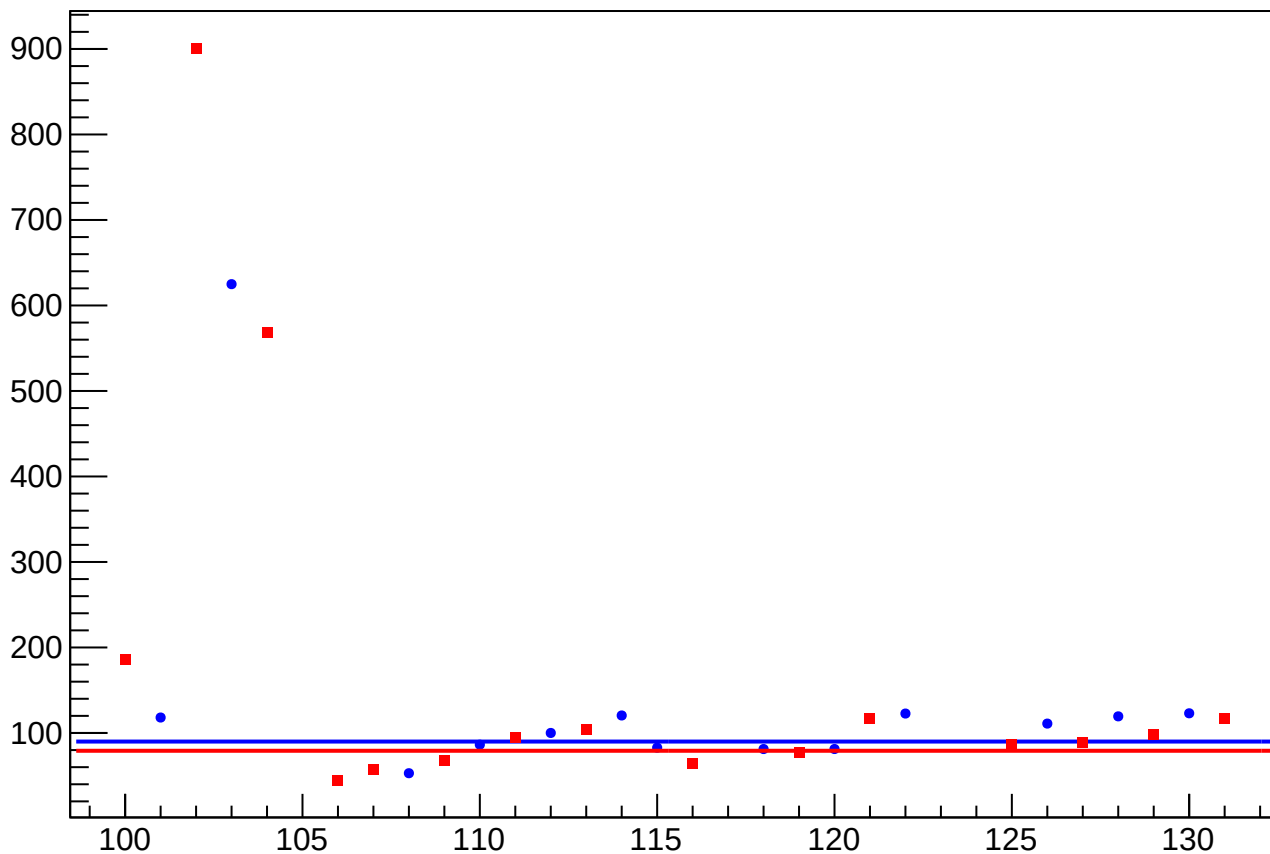
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.046 $\pm$ 0.029 χ^2 /NDF: 18.1/27

- 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: 89.965 $\pm$ 0.030 χ^2 /NDF: 1546551.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 79.181 $\pm$ 0.027 χ^2 /NDF: 2249122.8/14

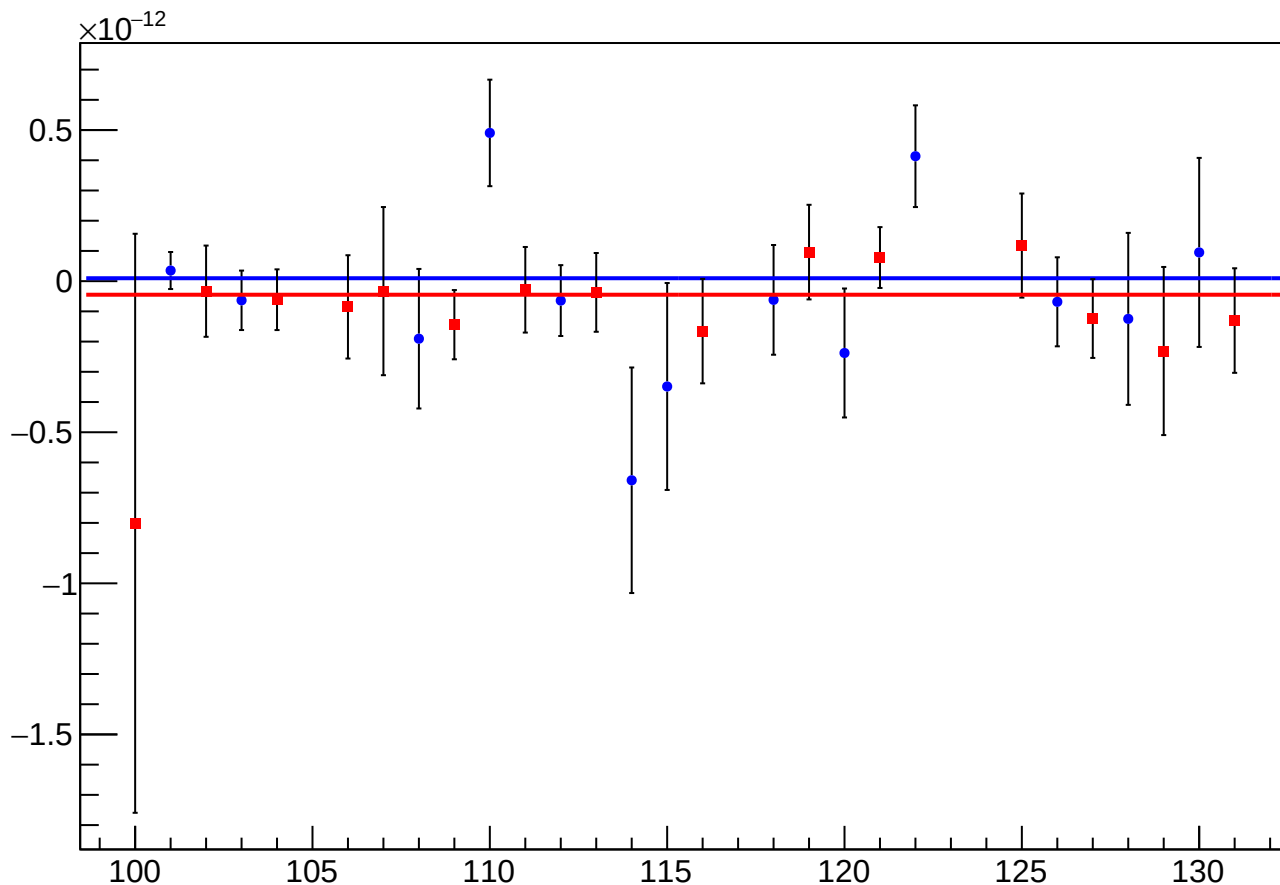
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 83.944 $\pm$ 0.020 χ^2 /NDF: 3866223.4/27

- sign 0.000 $\pm$ 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: 21.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.2/14

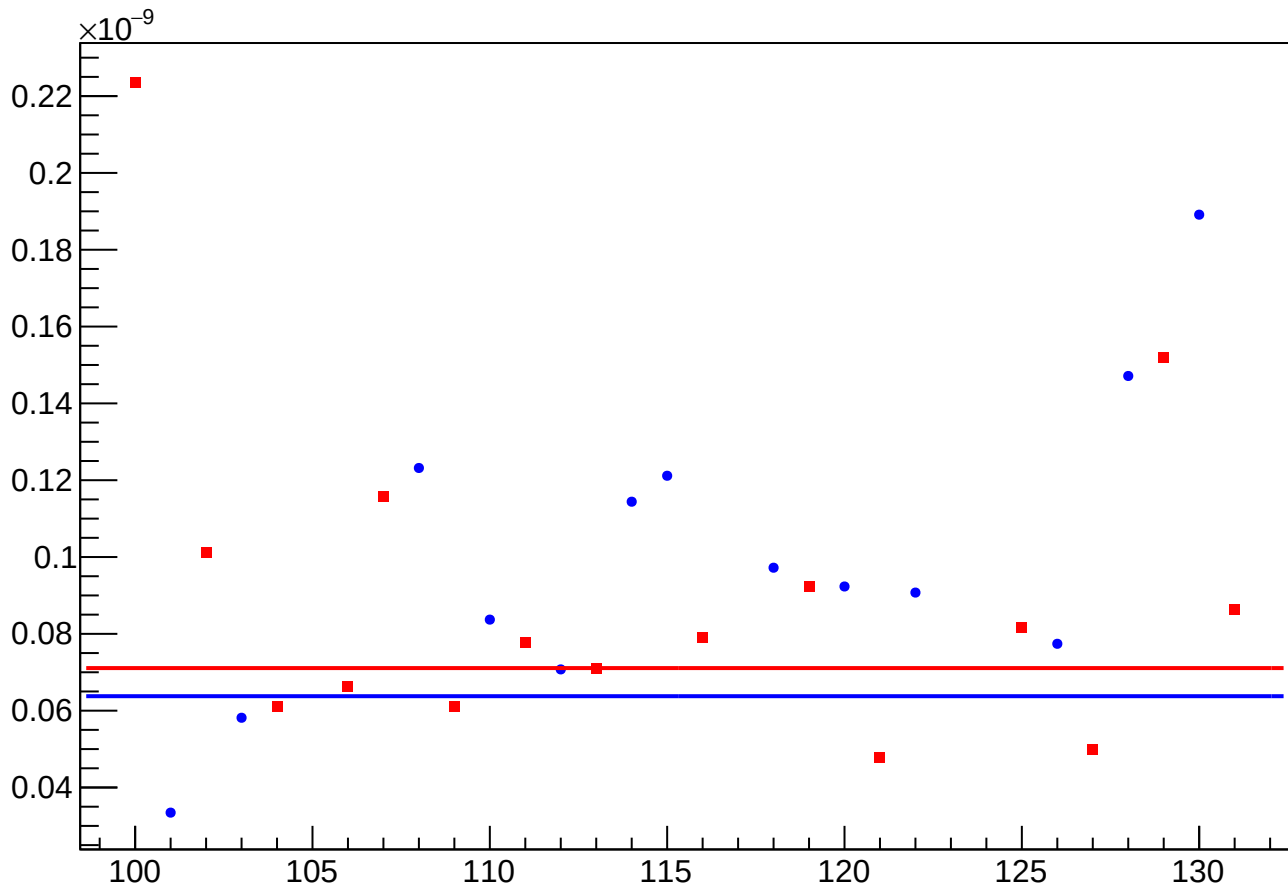
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 28.7/27

- 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 : 1419017.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 614397.7/14

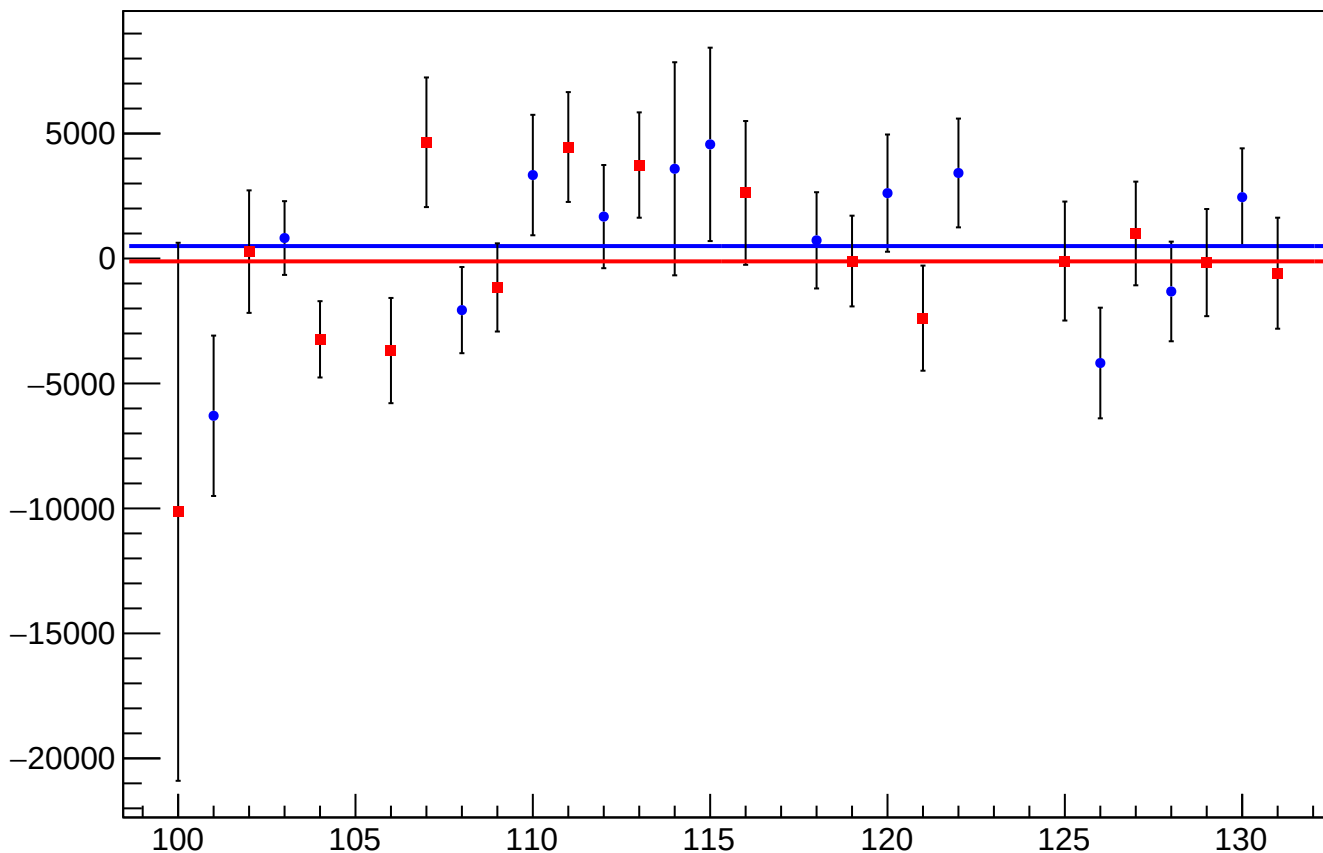
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2069644.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 497.297+/-597.413 χ^2/NDF : 19.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -114.840+/-557.977 χ^2/NDF : 21.8/14

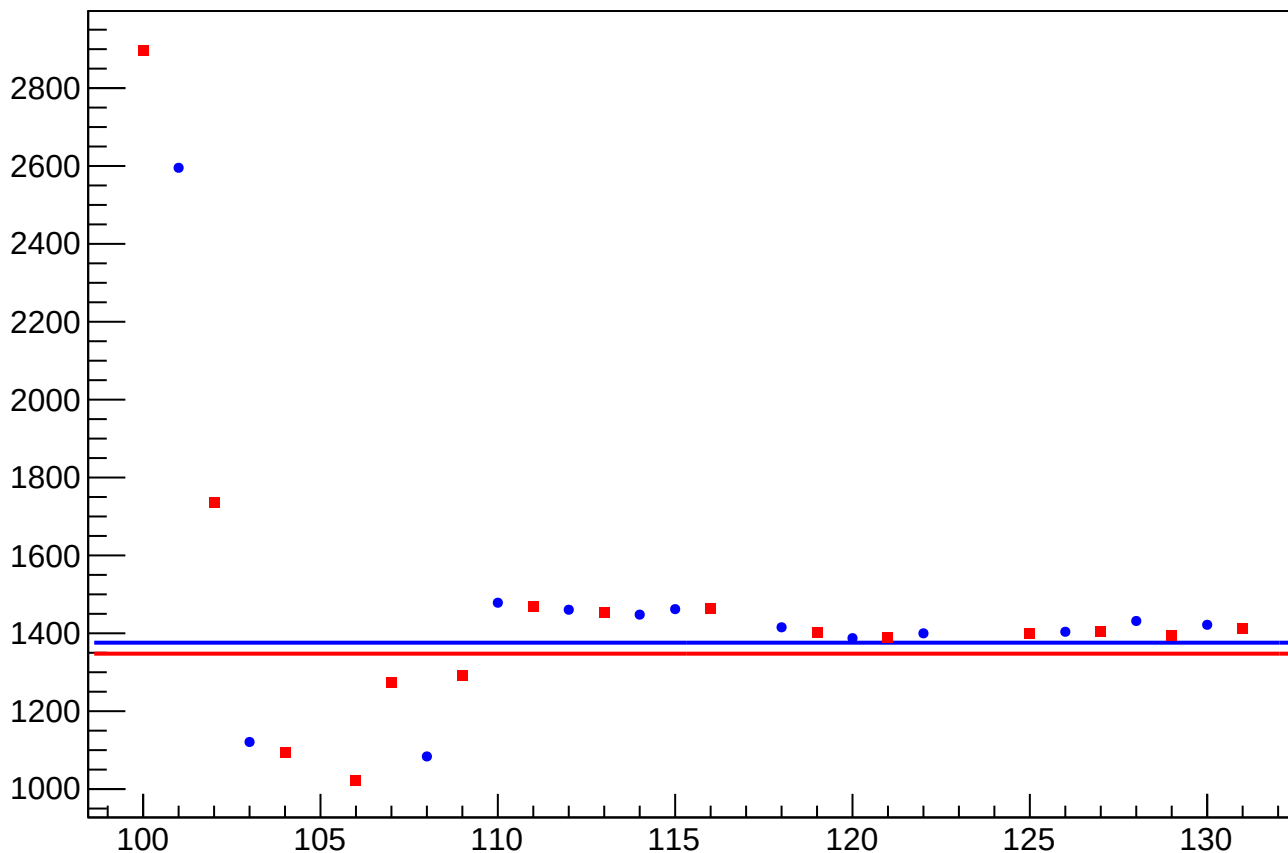
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.359+/-407.779 χ^2/NDF : 41.3/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1375.899+/-0.422 χ^2/NDF : 418674.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1347.707+/-0.395 χ^2/NDF : 220146.8/14

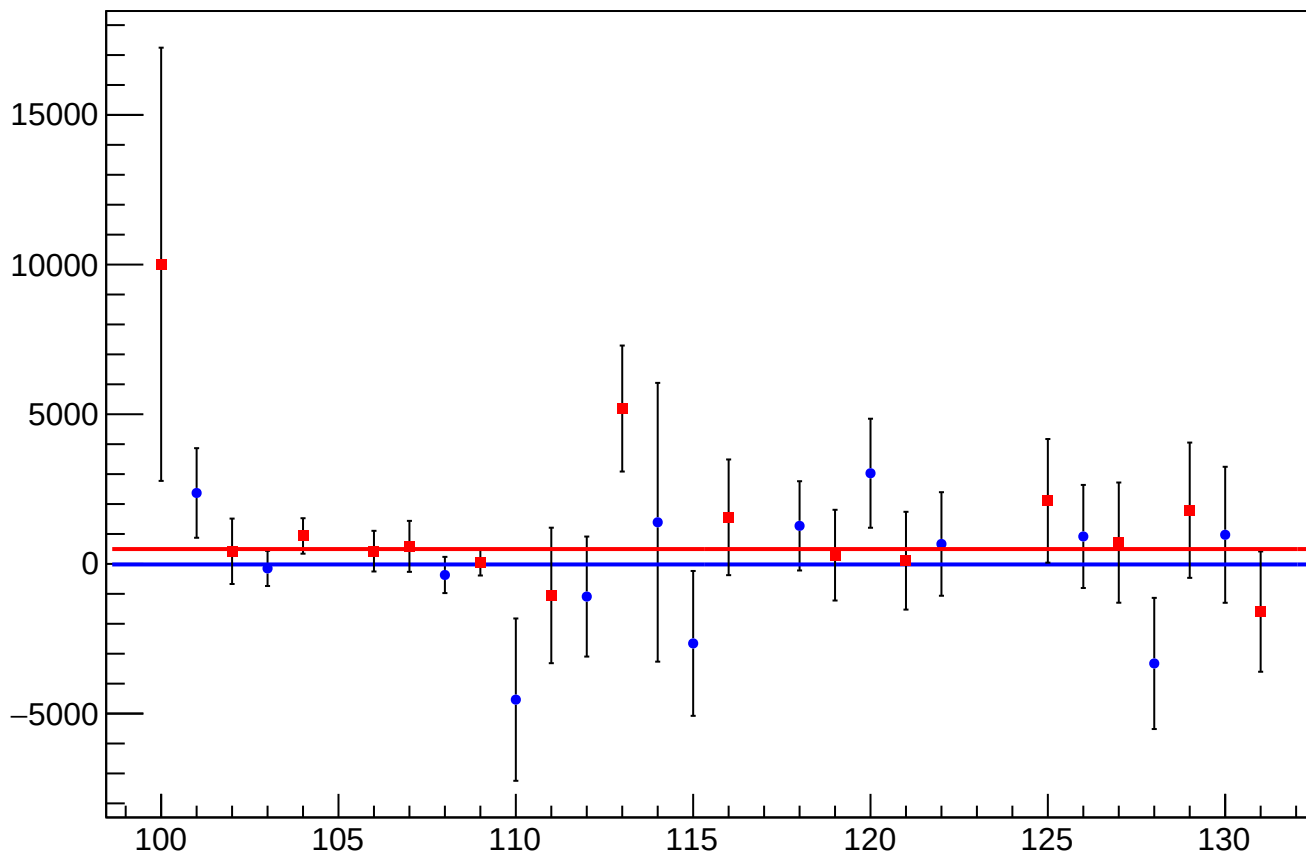
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1360.842+/-0.288 χ^2/NDF : 641200.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_reg_correction_mean vs Slug



Right In: -17.958 $\pm$ 343.004 χ^2 /NDF: 13.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 496.249 $\pm$ 259.302 χ^2 /NDF: 11.2/14

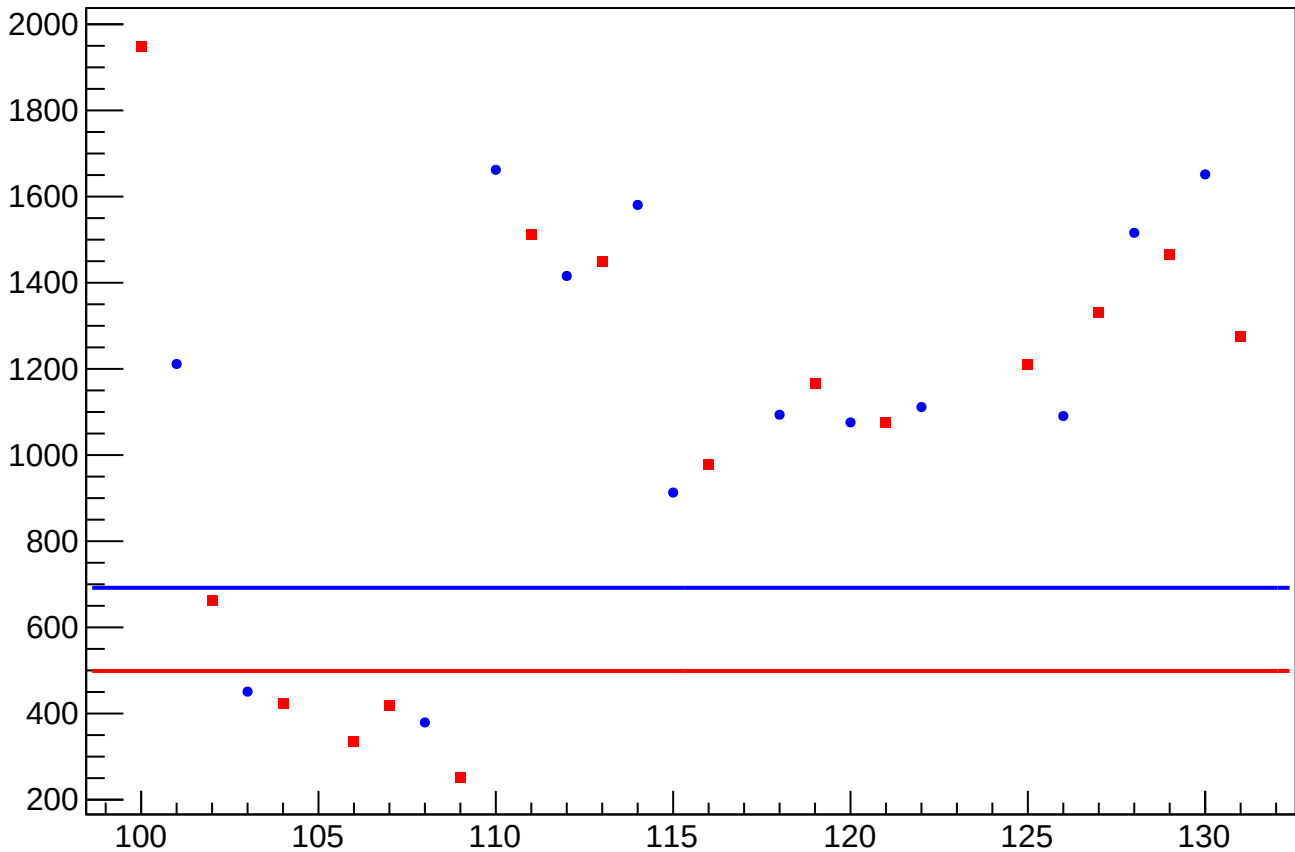
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 309.250 $\pm$ 206.847 χ^2 /NDF: 26.4/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_reg_correction_rms vs Slug



Right In: 691.850+/-0.243 χ^2/NDF : 2816537.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

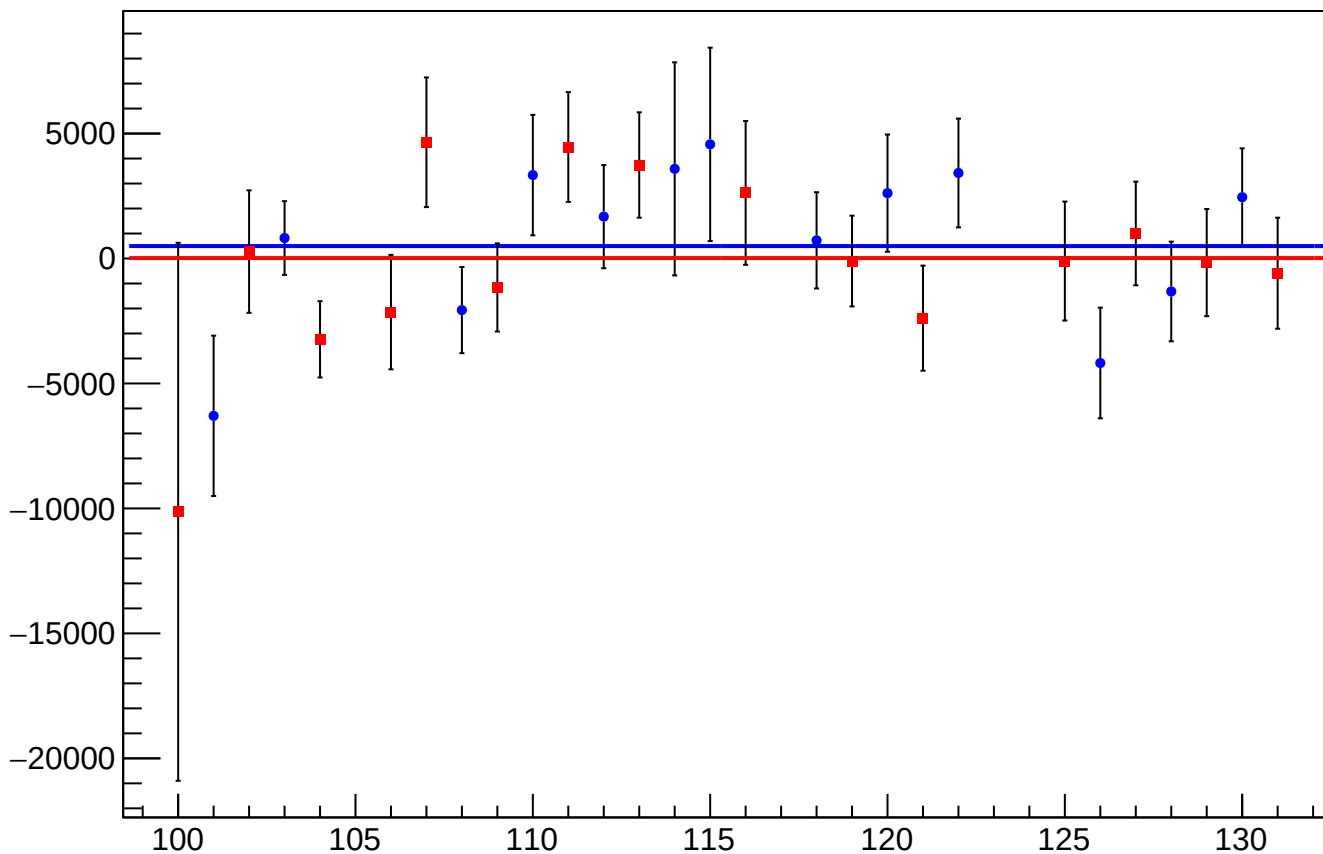
Right Out: 498.885+/-0.183 χ^2/NDF : 3745071.2/14

All: 569.060+/-0.146 χ^2/NDF : 6964392.7/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 497.136+/-597.413 χ^2/NDF : 19.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.924+/-561.034 χ^2/NDF : 19.6/14

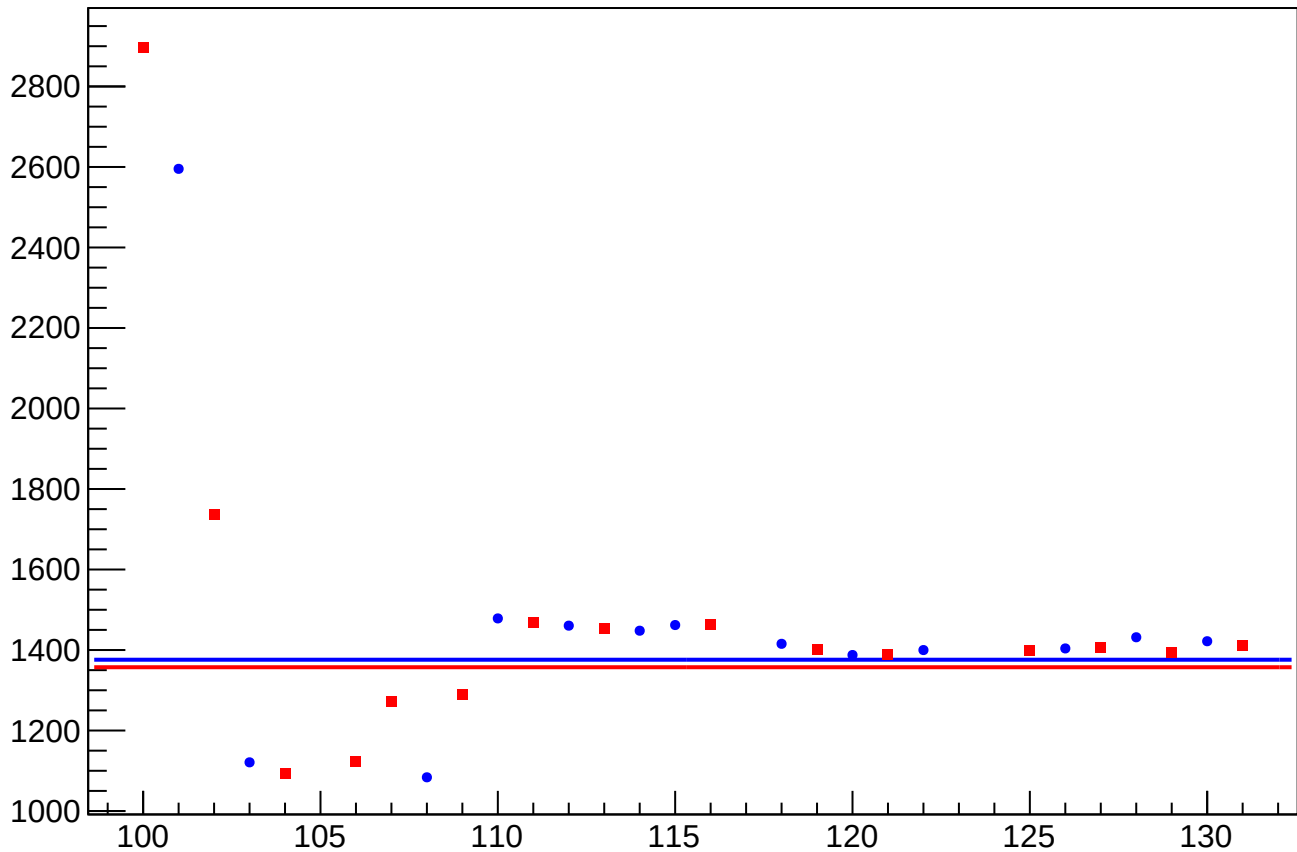
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 241.964+/-408.967 χ^2/NDF : 39.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1375.899+/-0.422 χ^2/NDF : 418674.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

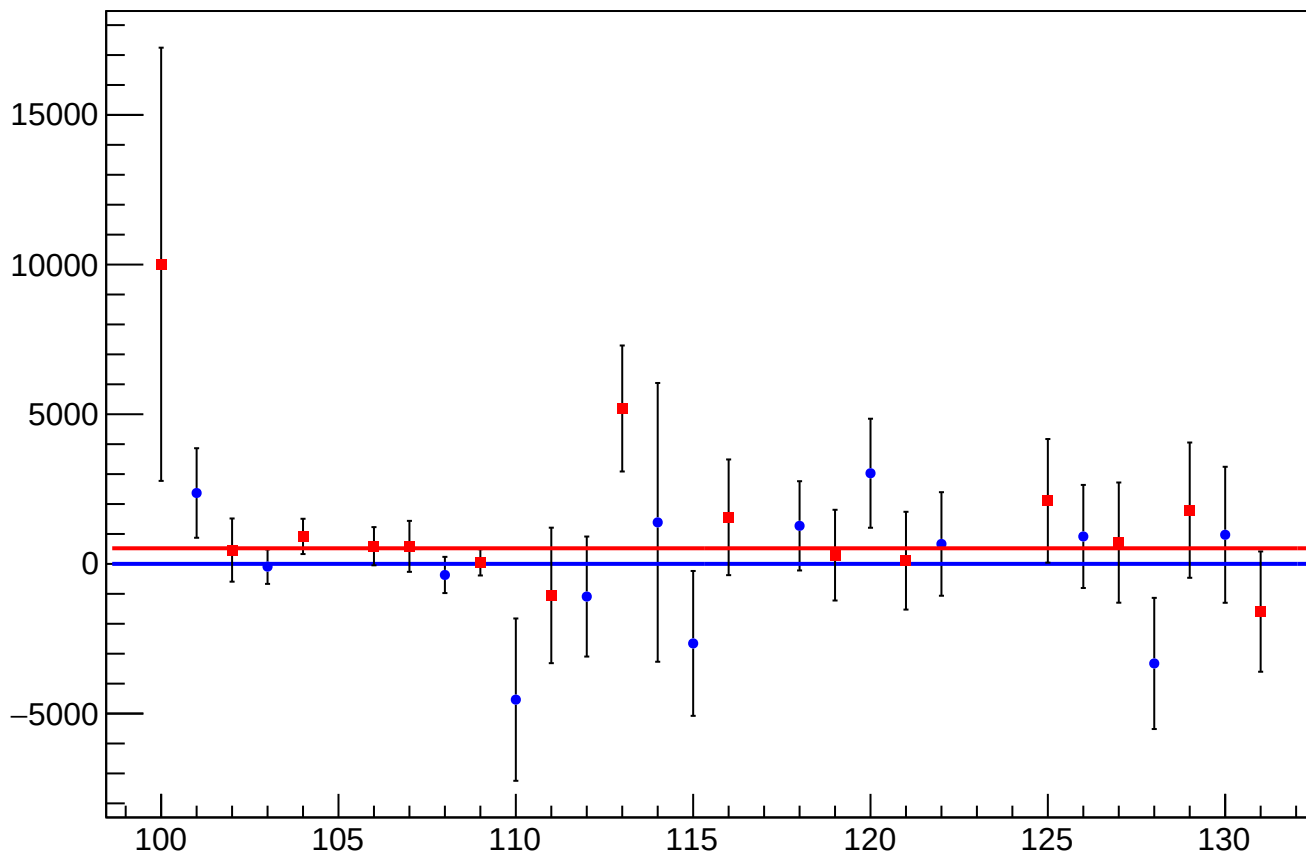
Right Out: 1357.229+/-0.397 χ^2/NDF : 191368.2/14

All: 1365.979+/-0.289 χ^2/NDF : 611081.0/27

- 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_dd_cor_correction_mean vs Slug



Right In: 1.128 $\pm$ 340.742 χ^2 /NDF: 13.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 521.825 $\pm$ 256.049 χ^2 /NDF: 11.1/14

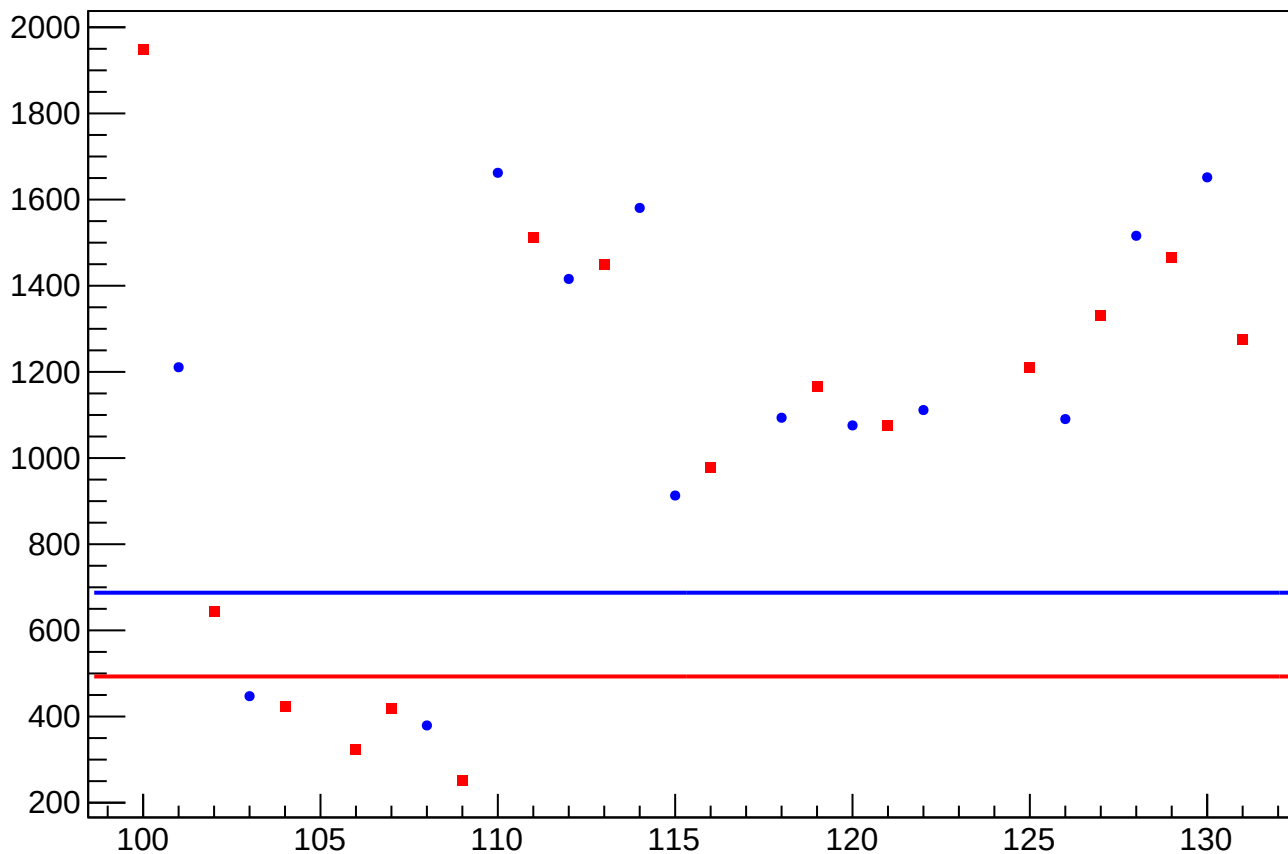
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 333.912 $\pm$ 204.697 χ^2 /NDF: 26.3/27

- 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: 687.432+/-0.241 χ^2/NDF : 2839443.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 492.978+/-0.181 χ^2/NDF : 3772795.7/14

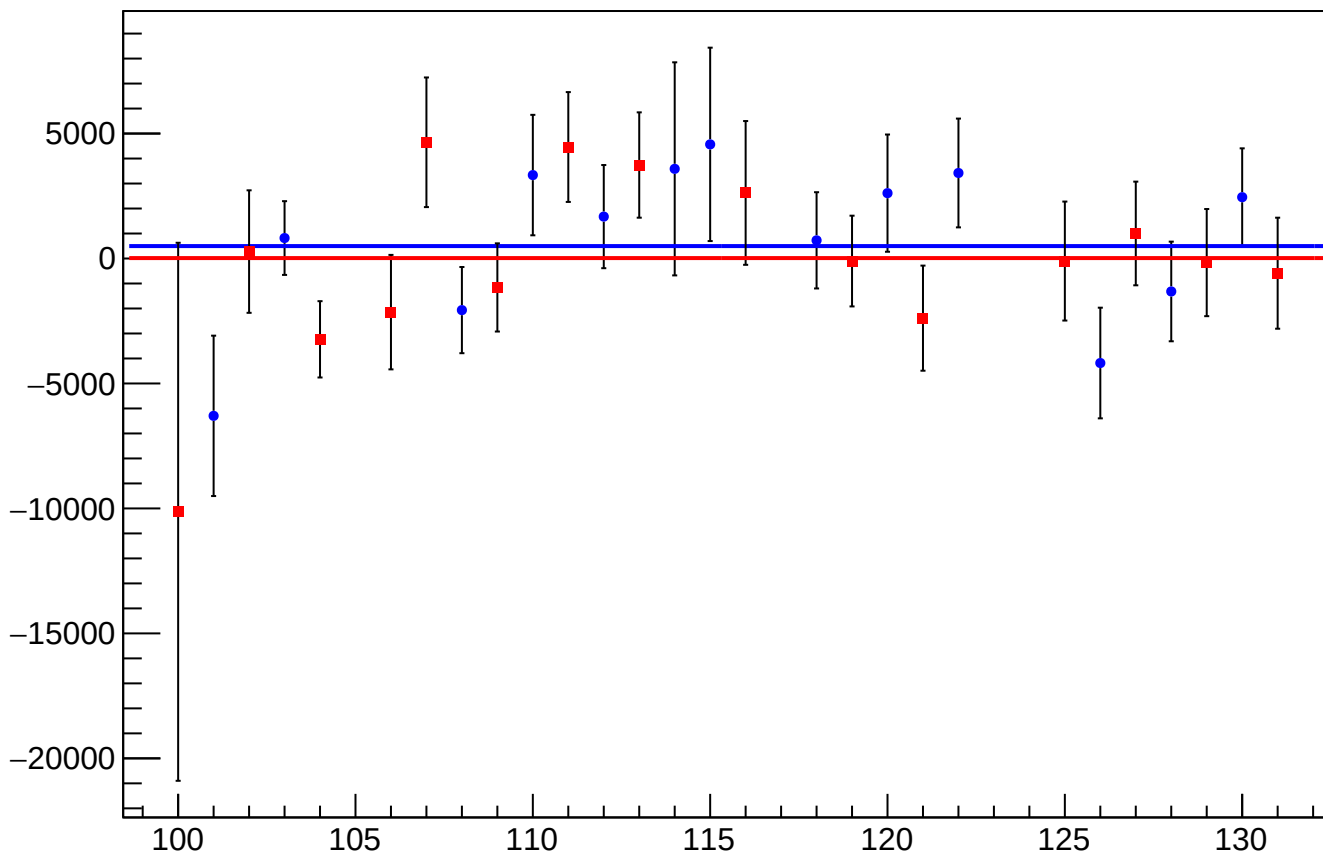
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 563.154+/-0.145 χ^2/NDF : 7028524.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 497.136+/-597.413 χ^2/NDF : 19.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.924+/-561.034 χ^2/NDF : 19.6/14

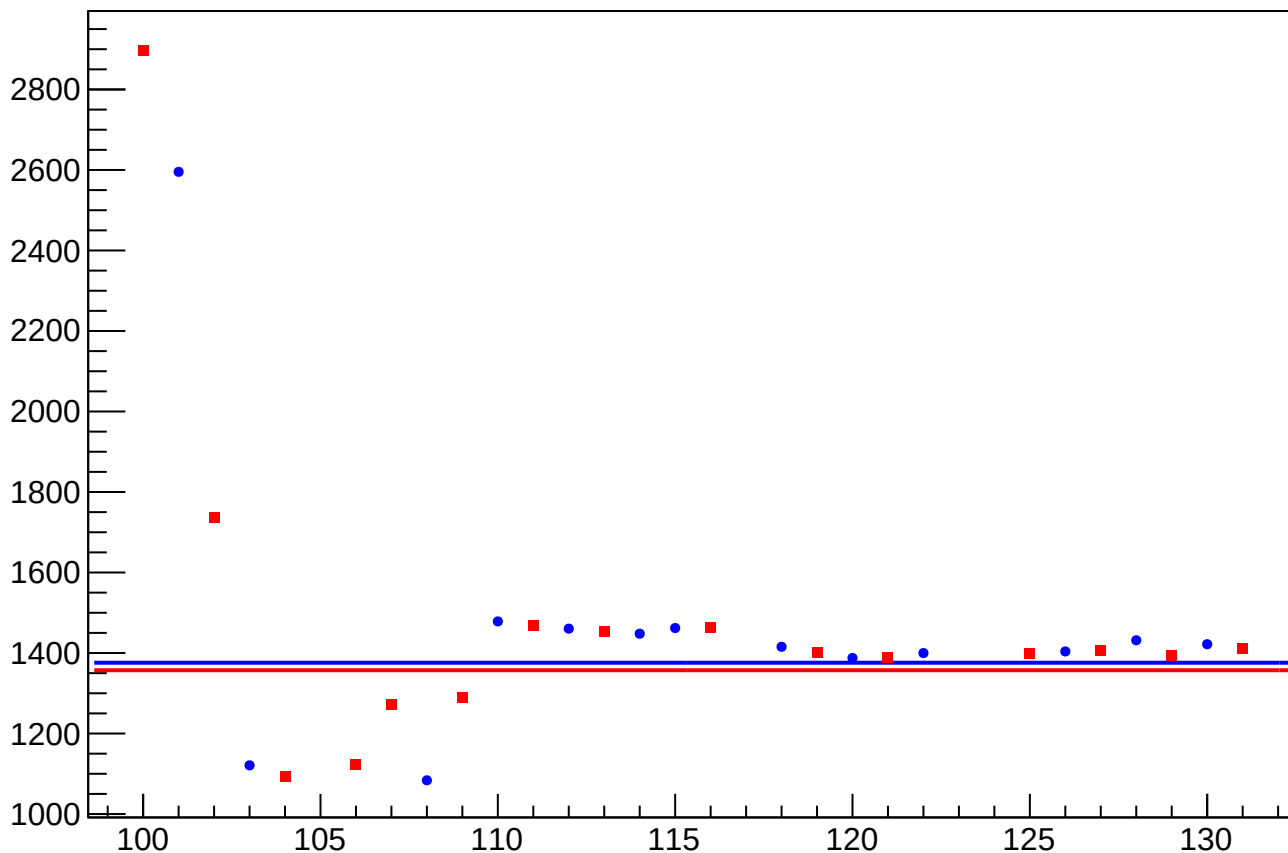
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 241.964+/-408.967 χ^2/NDF : 39.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1375.899+/-0.422 χ^2/NDF : 418674.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1357.229+/-0.397 χ^2/NDF : 191368.2/14

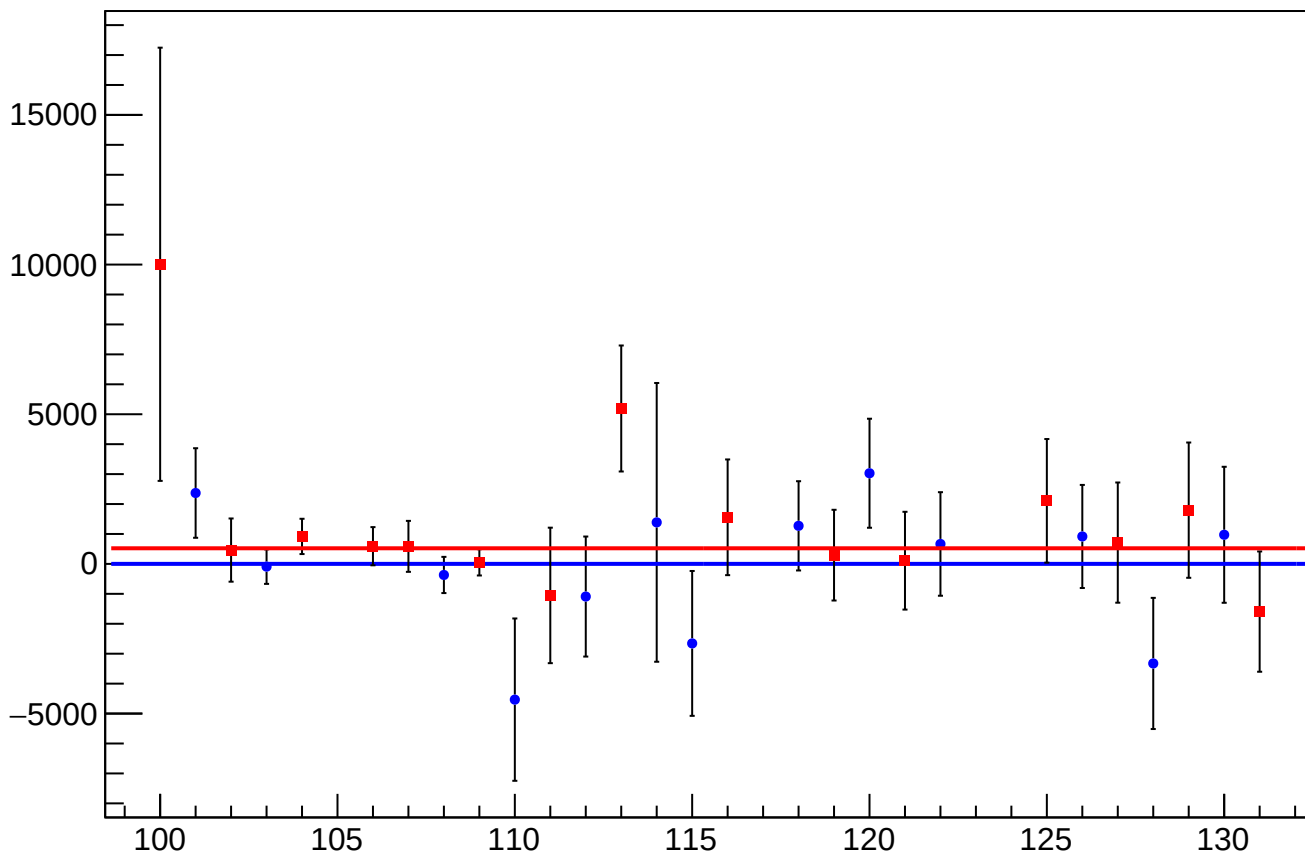
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1365.979+/-0.289 χ^2/NDF : 611081.0/27

- 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: 1.128+/-340.742 χ^2/NDF : 13.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 521.825+/-256.049 χ^2/NDF : 11.1/14

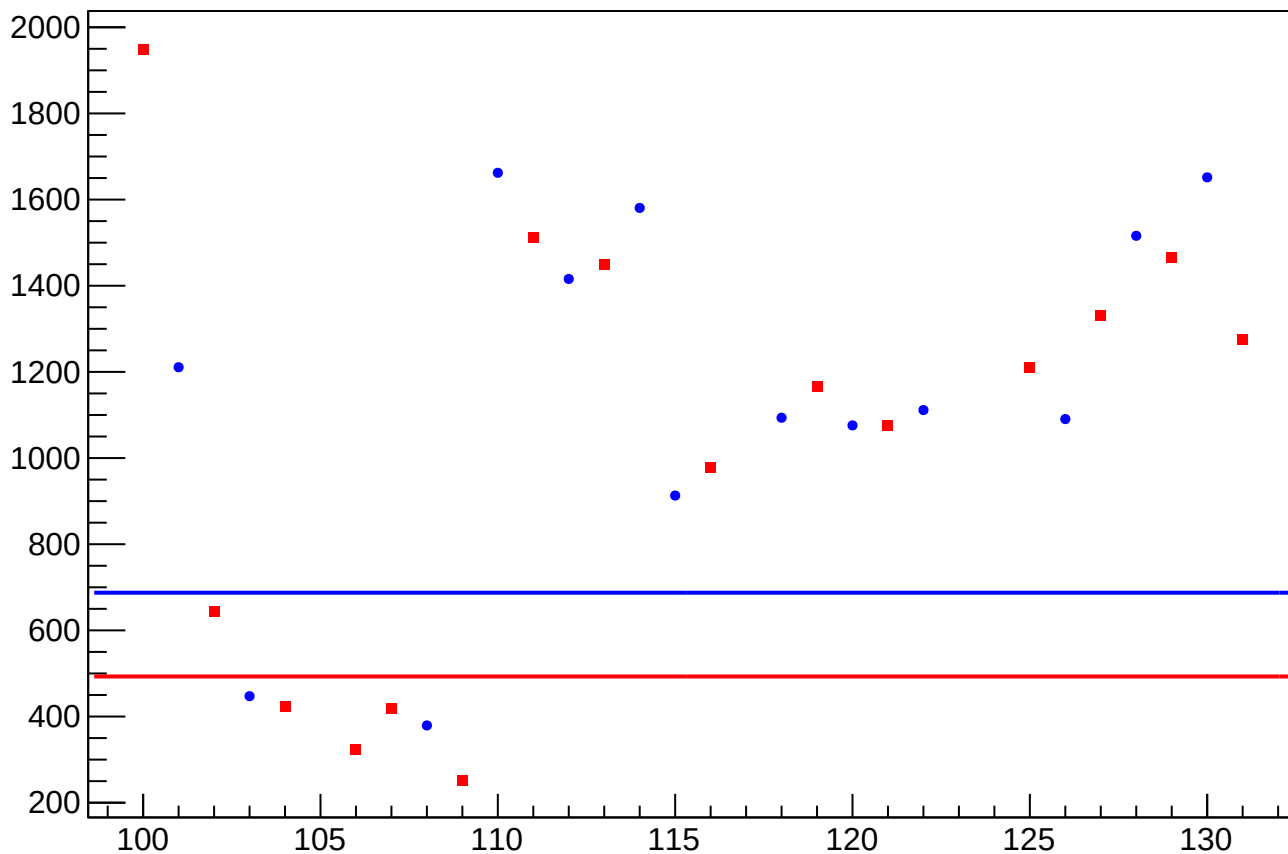
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 333.912+/-204.697 χ^2/NDF : 26.3/27

- 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: 687.432+/-0.241 χ^2/NDF : 2839443.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 492.978+/-0.181 χ^2/NDF : 3772795.7/14

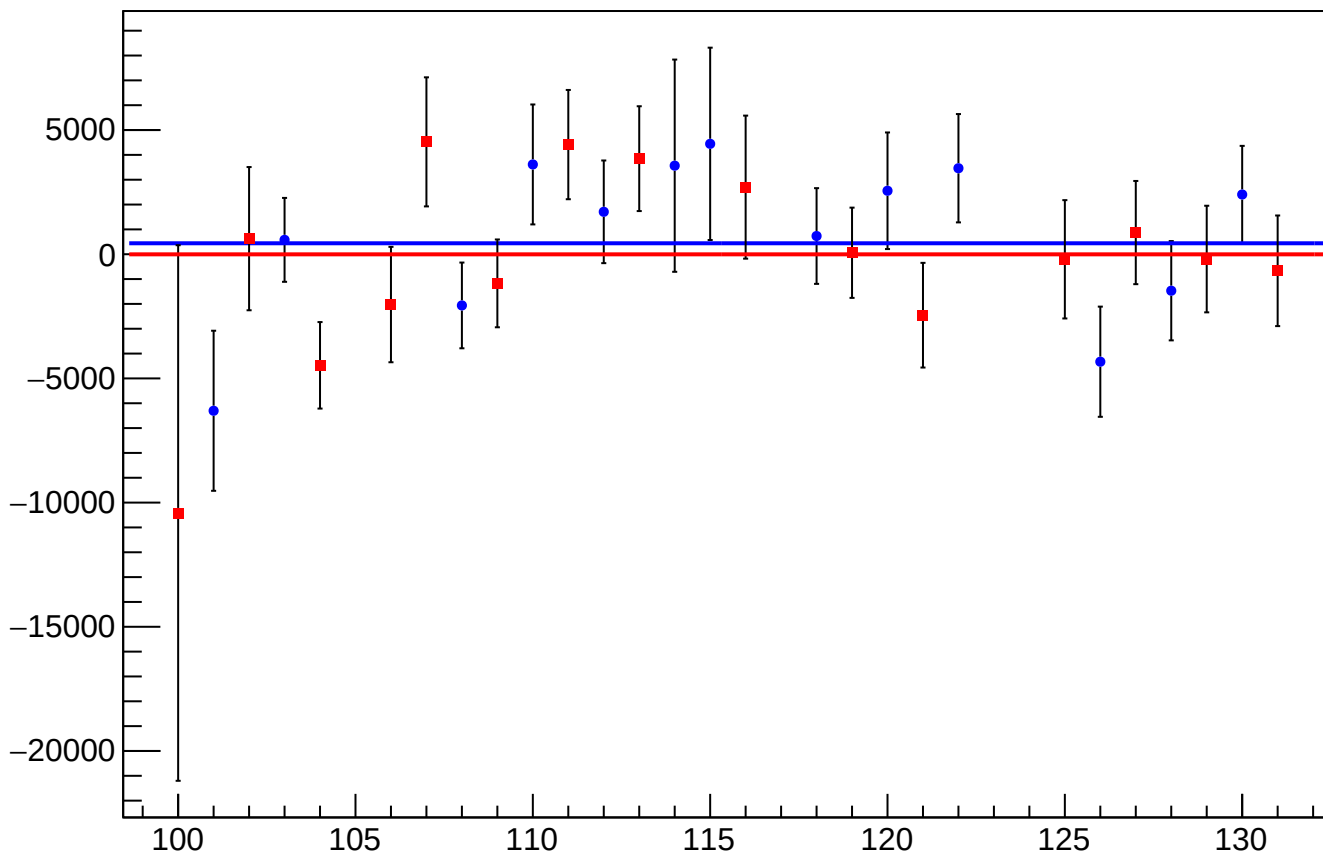
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 563.154+/-0.145 χ^2/NDF : 7028524.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 440.978+/-610.282 χ^2/NDF : 19.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.374+/-575.564 χ^2/NDF : 21.7/14

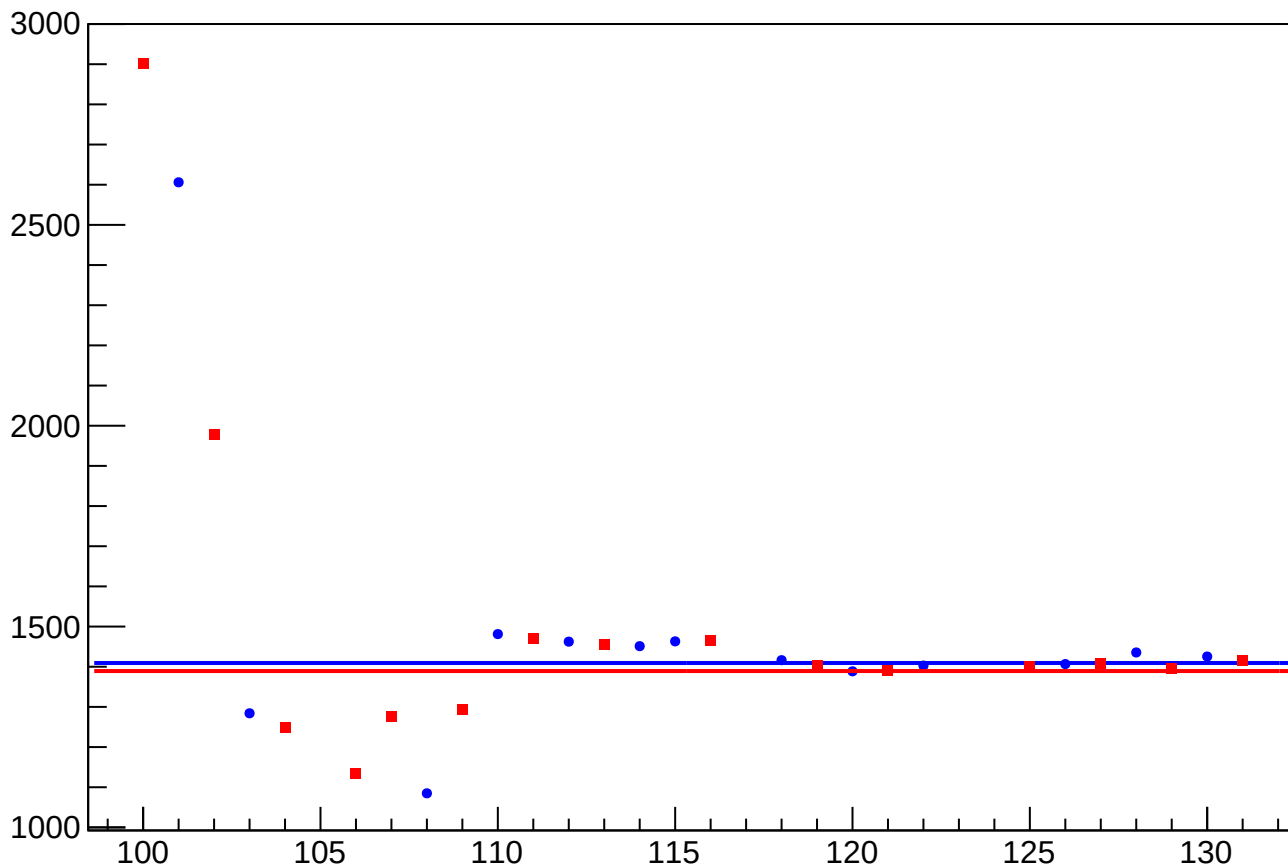
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.274+/-418.721 χ^2/NDF : 41.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1409.352 $\pm$ 0.432 χ^2 /NDF: 361831.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1389.270 $\pm$ 0.407 χ^2 /NDF: 176603.6/14

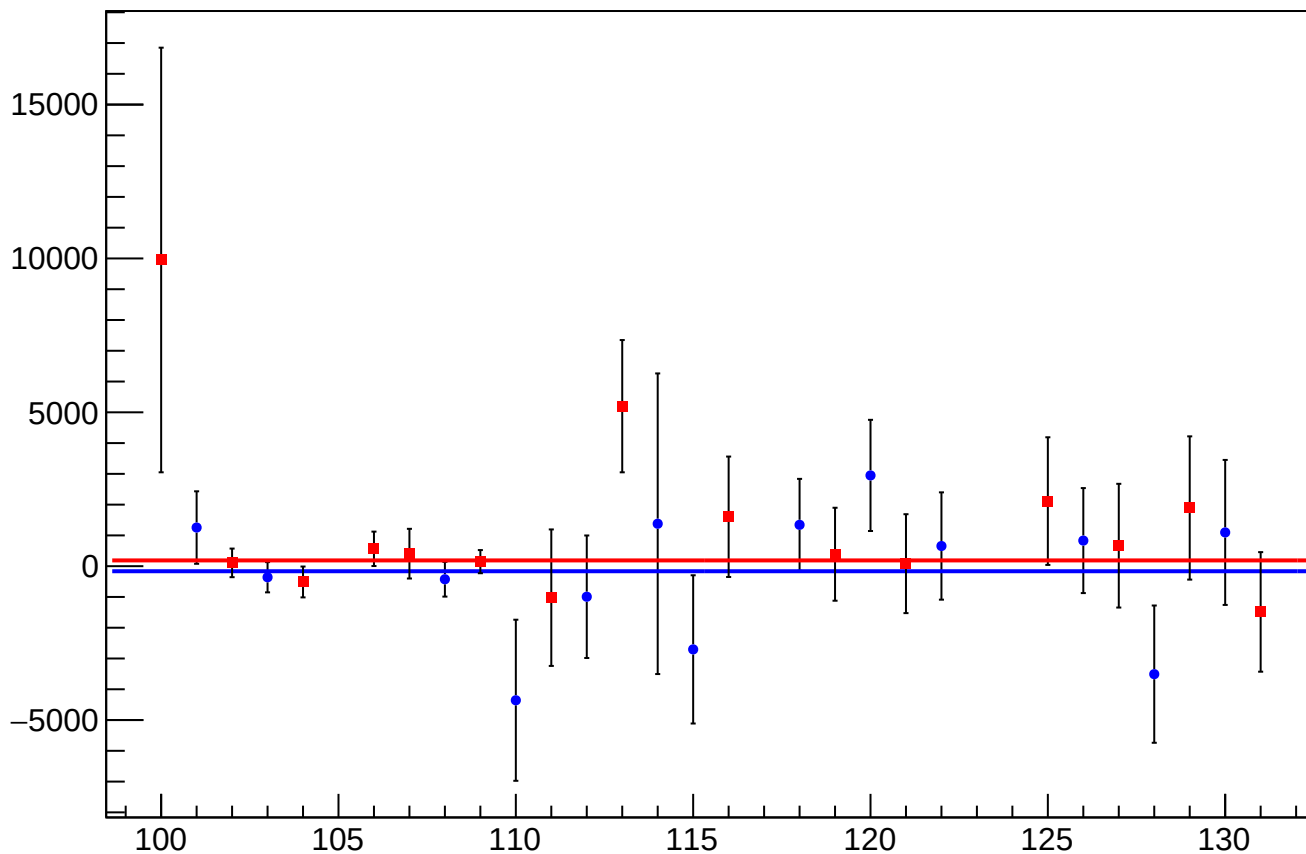
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1398.724 $\pm$ 0.296 χ^2 /NDF: 539581.7/27

- 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: -164.275+/-309.732 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 187.252+/-209.116 χ^2/NDF : 13.0/14

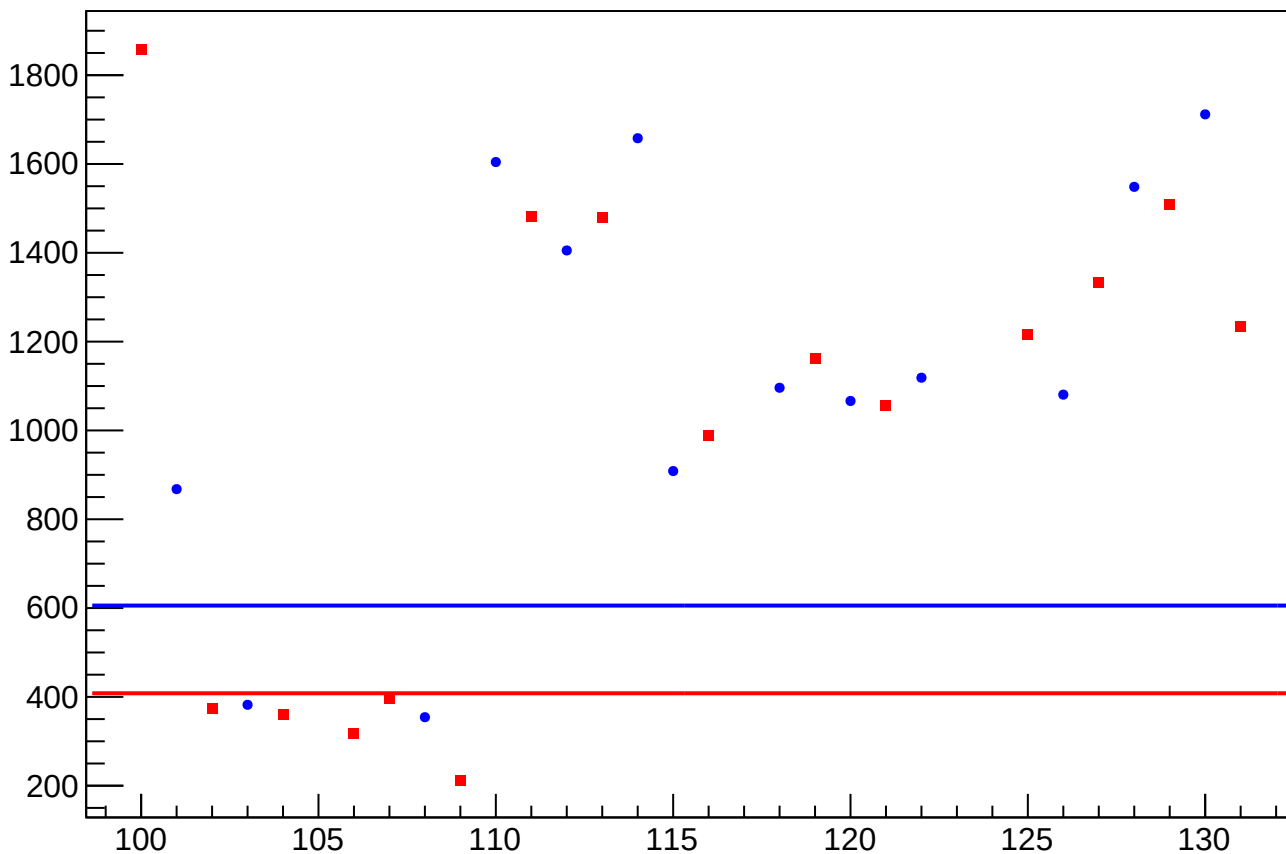
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.187+/-173.313 χ^2/NDF : 26.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_dit_correction_rms vs Slug



Right In: 605.644+/-0.219 χ^2/NDF : 3120276.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

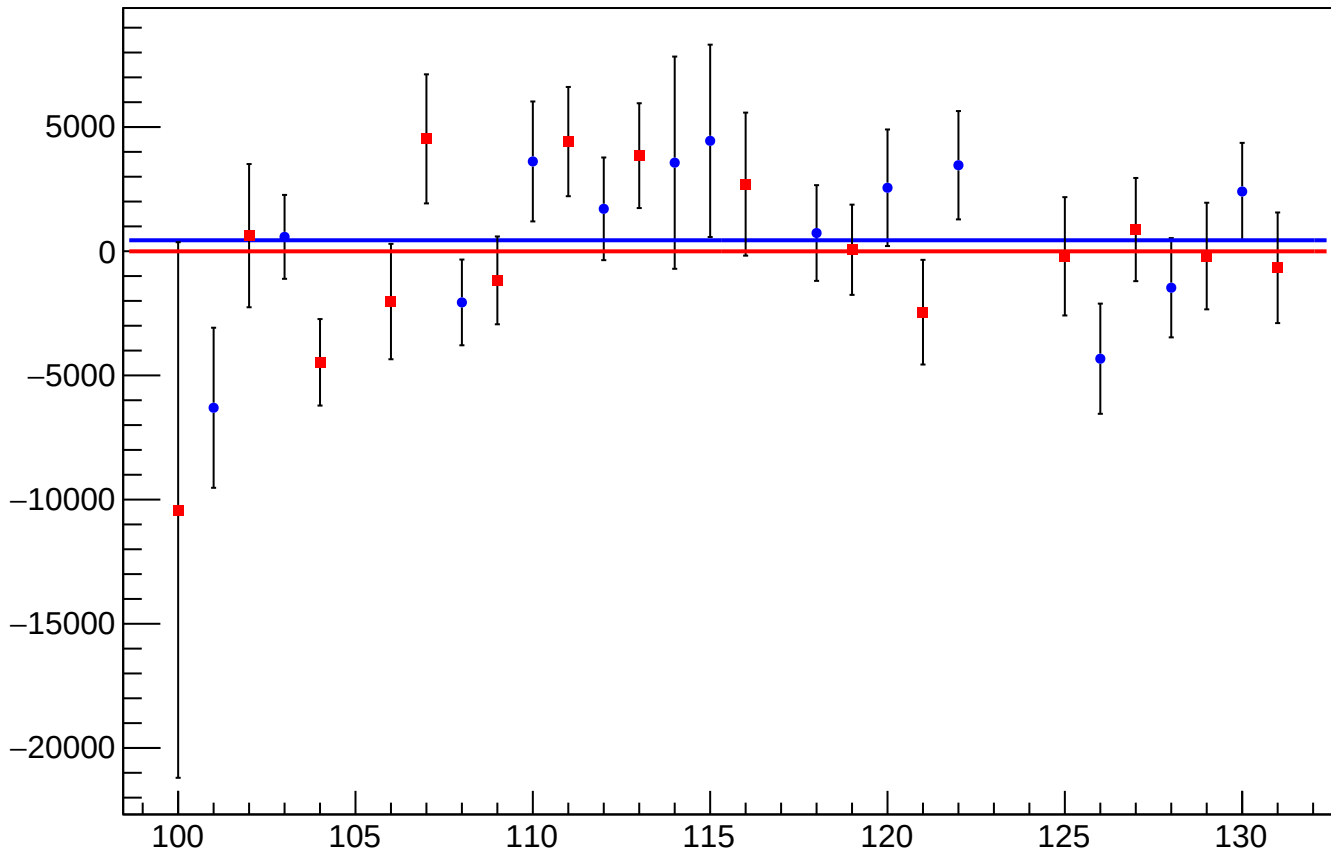
Right Out: 408.170+/-0.148 χ^2/NDF : 4217864.5/14

All: 470.000+/-0.123 χ^2/NDF : 7896567.8/27

- 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_dd_mean vs Slug



Right In: 440.973+/-610.282 χ^2/NDF : 19.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.375+/-575.564 χ^2/NDF : 21.7/14

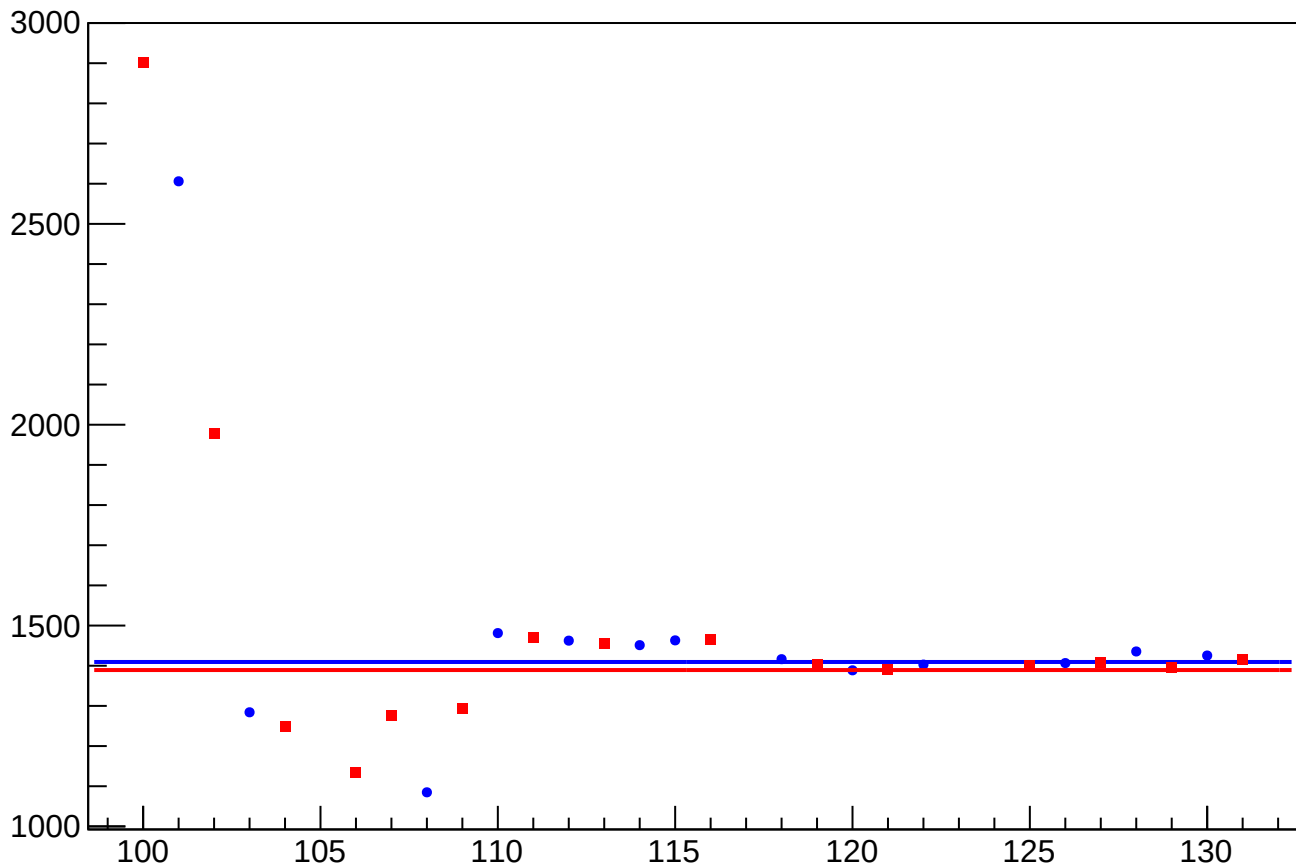
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.272+/-418.721 χ^2/NDF : 41.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1409.352 $\pm$ 0.432 χ^2 /NDF: 361831.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1389.270 $\pm$ 0.407 χ^2 /NDF: 176603.7/14

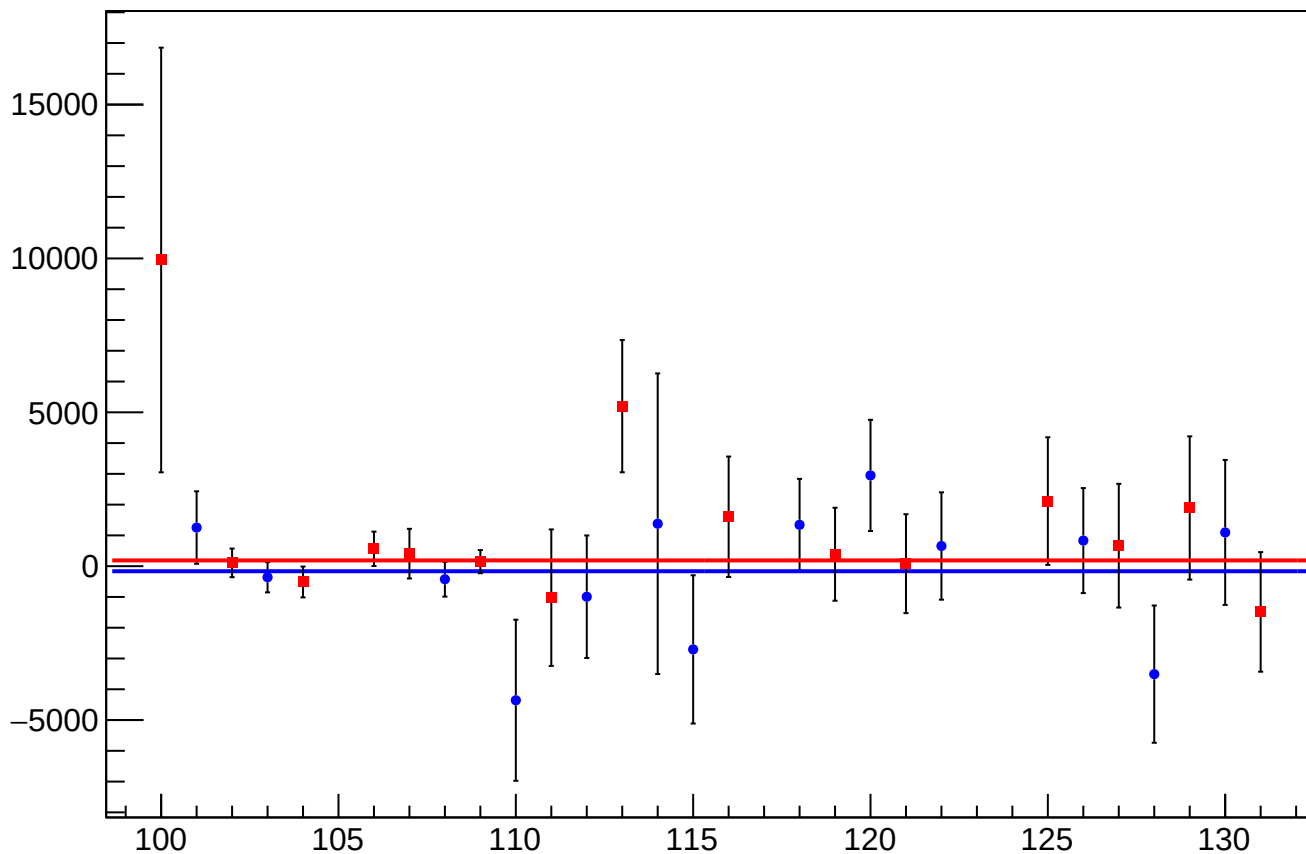
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1398.724 $\pm$ 0.296 χ^2 /NDF: 539581.3/27

- 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: -164.284+/-309.728 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 187.247+/-209.117 χ^2/NDF : 13.0/14

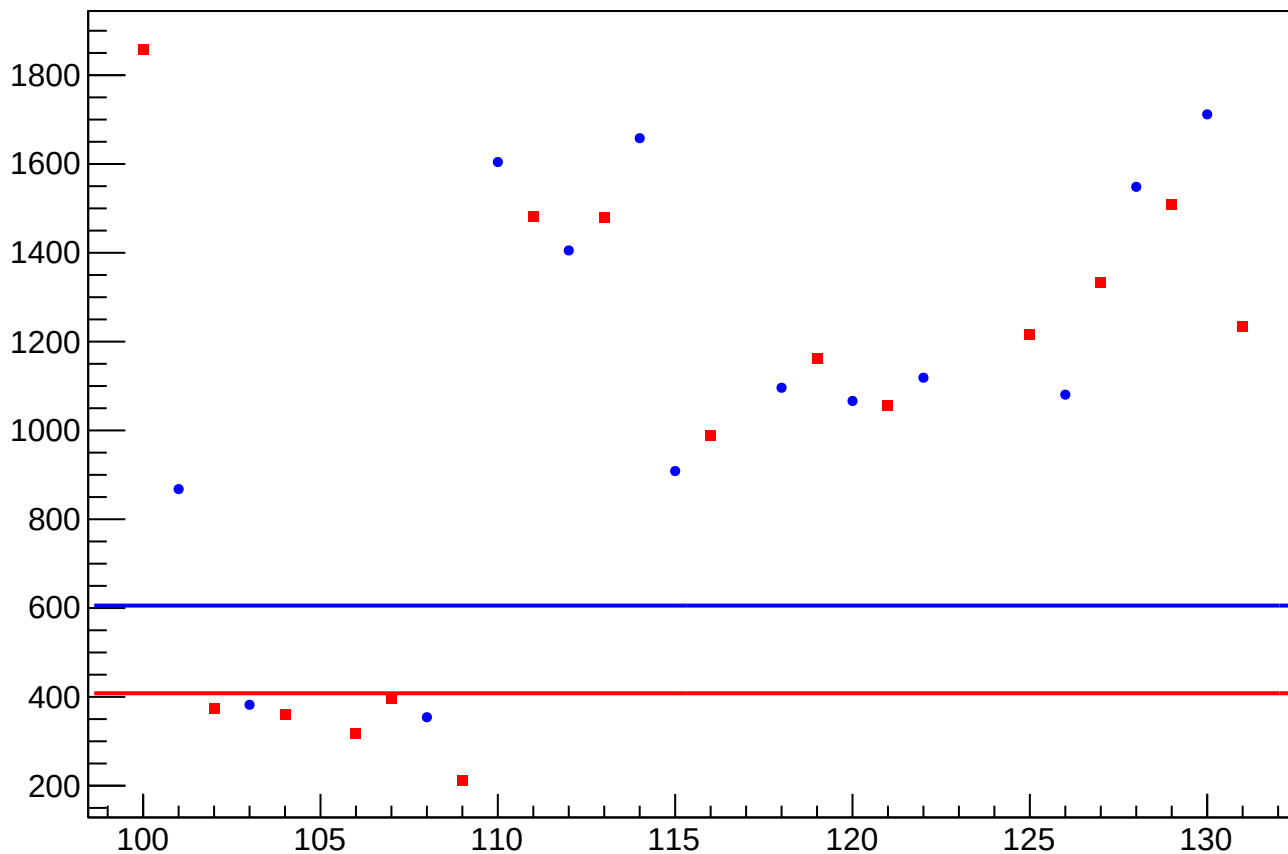
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.178+/-173.313 χ^2/NDF : 26.8/27

- 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: 605.634+/-0.219 χ^2/NDF : 3120340.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 408.175+/-0.148 χ^2/NDF : 4217781.7/14

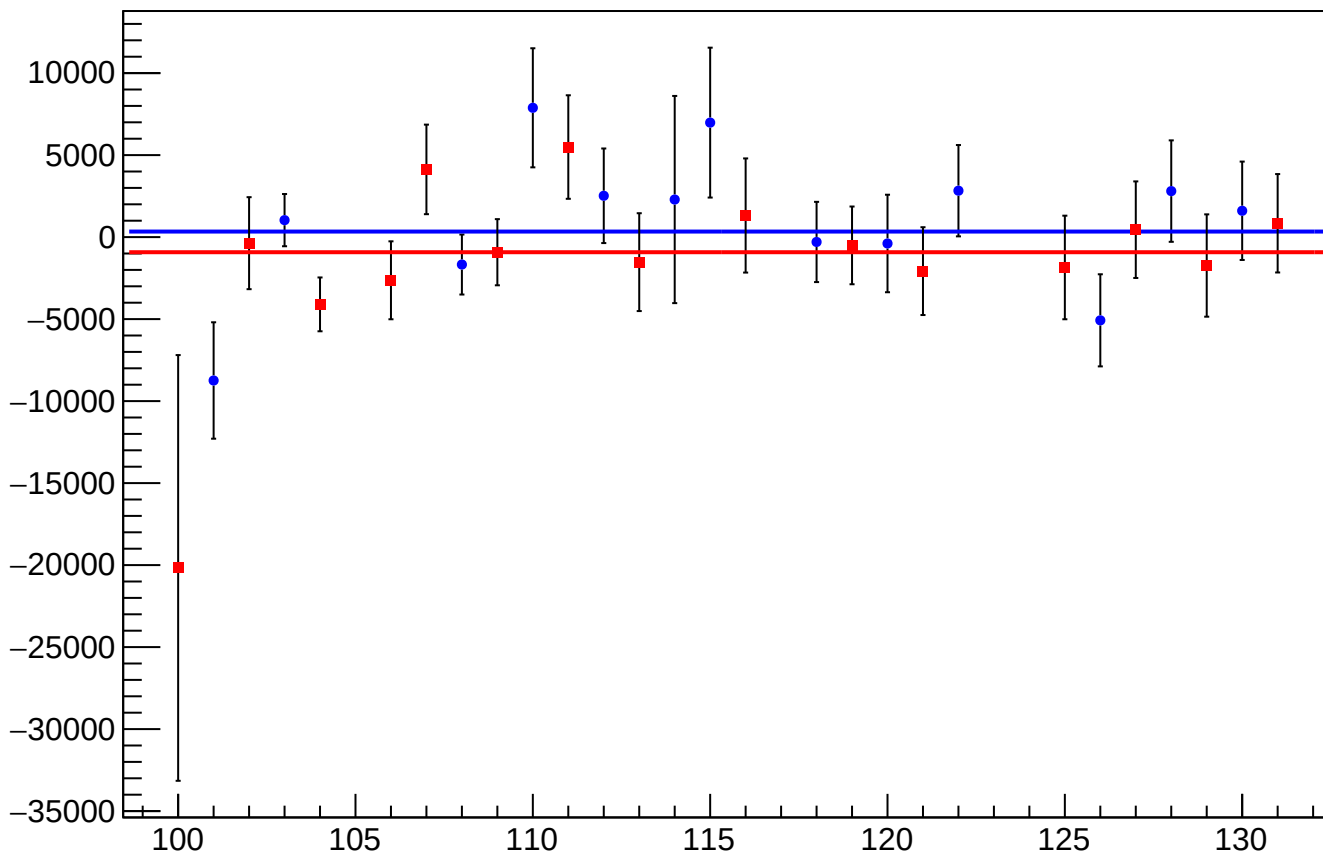
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 470.002+/-0.123 χ^2/NDF : 7896472.7/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 338.367+/-746.711 χ^2/NDF : 20.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -921.212+/-689.458 χ^2/NDF : 15.5/14

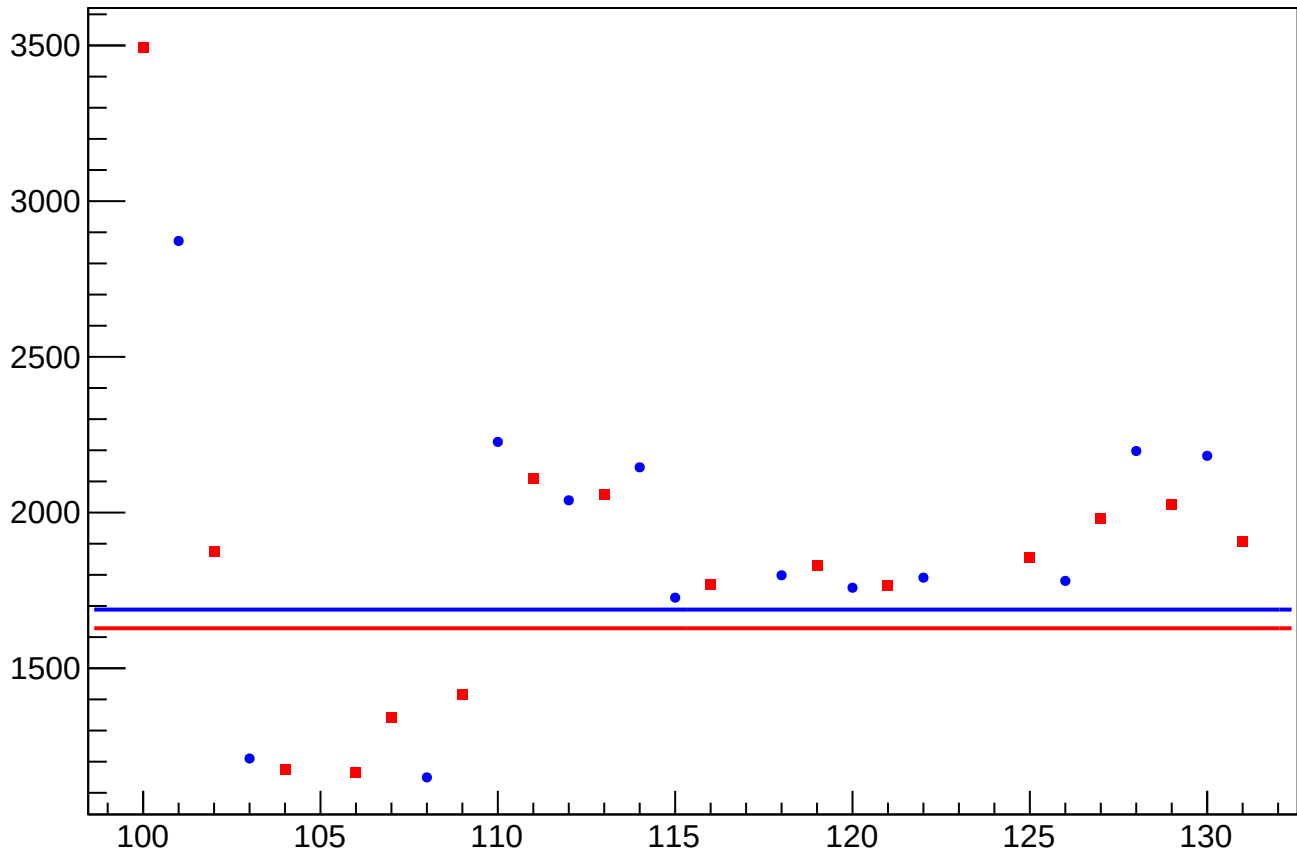
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -341.556+/-506.553 χ^2/NDF : 37.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1688.431+/-0.528 χ^2/NDF : 779162.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

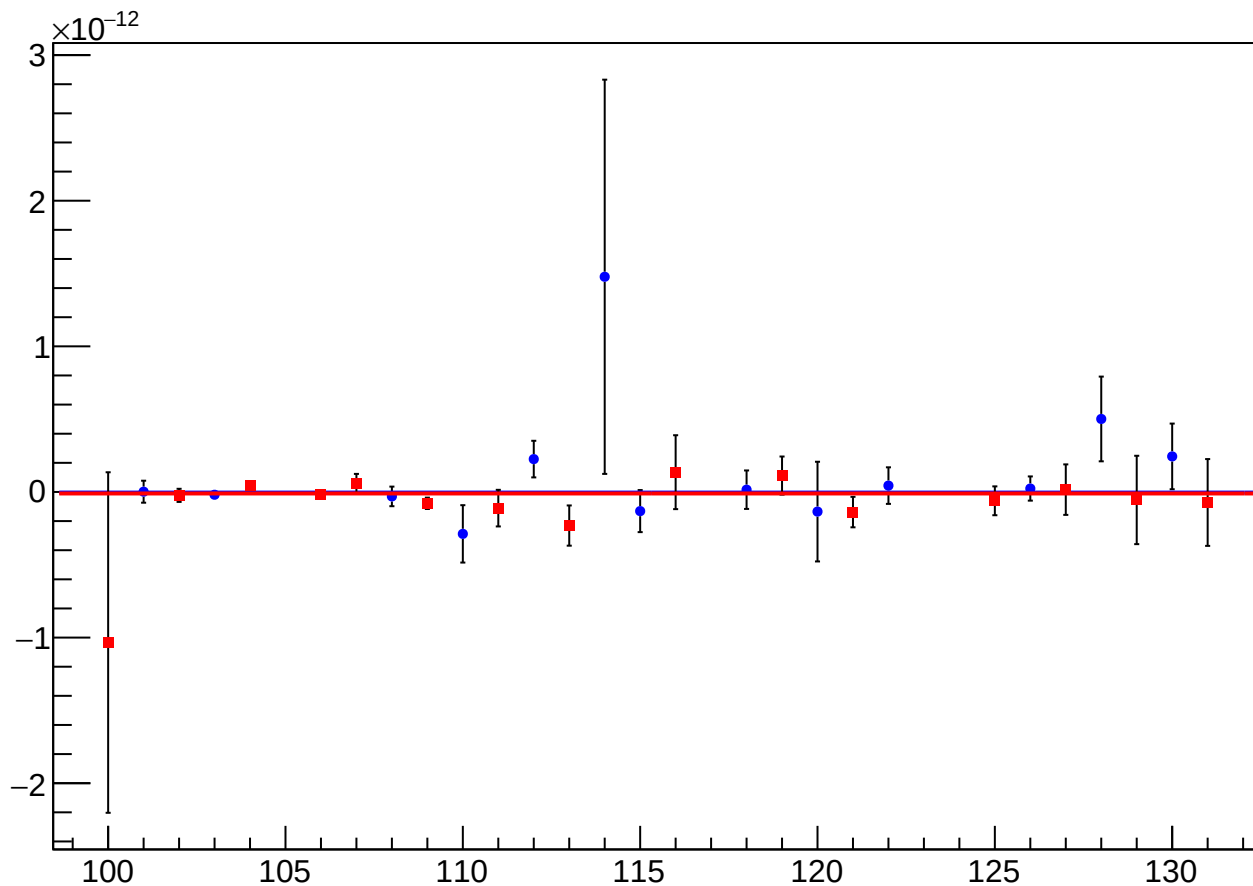
Right Out: 1628.363+/-0.488 χ^2/NDF : 528841.9/14

All: 1656.006+/-0.358 χ^2/NDF : 1314991.0/27

- 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_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 12.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 15.2/14

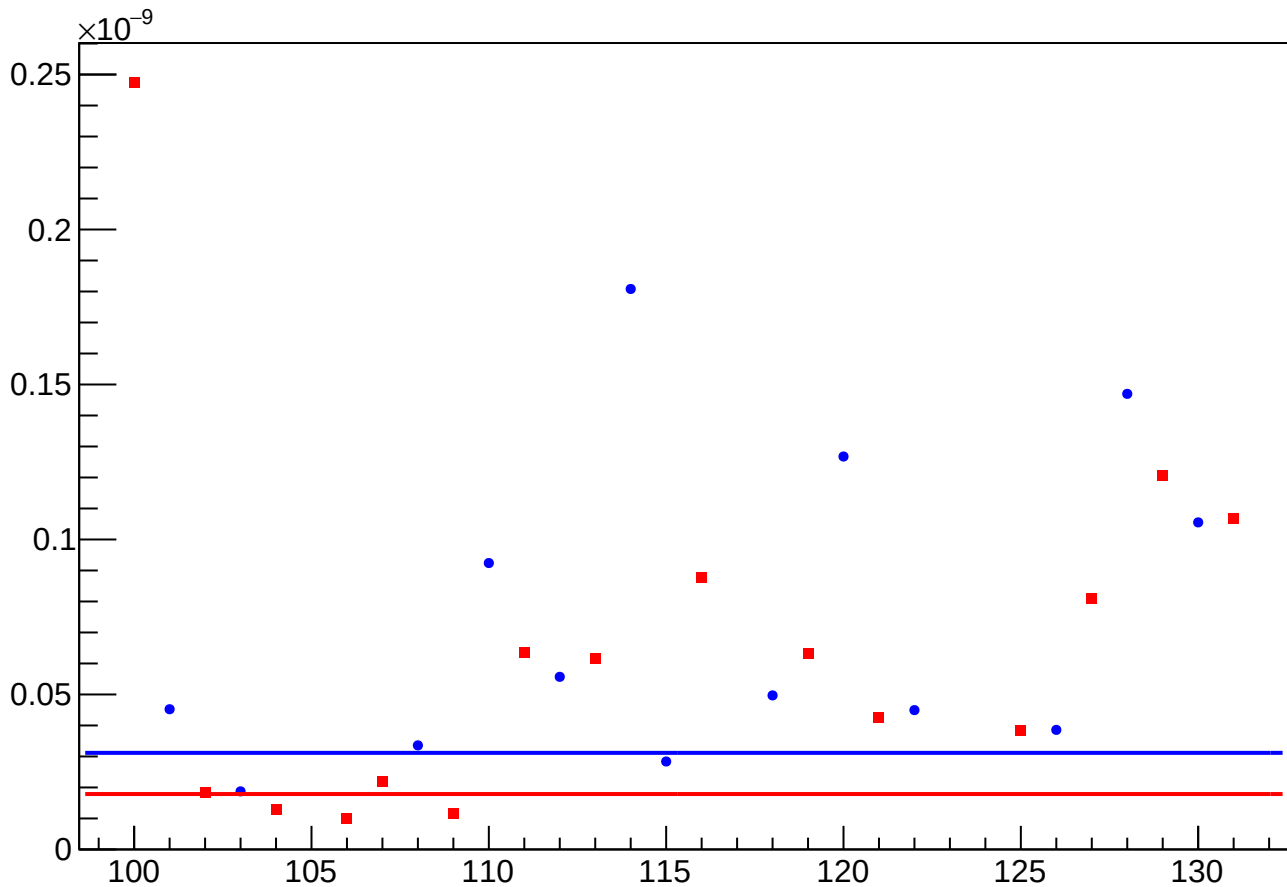
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 27.6/27

- 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+/-0.000 χ^2/NDF : 1453059.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2059231.2/14

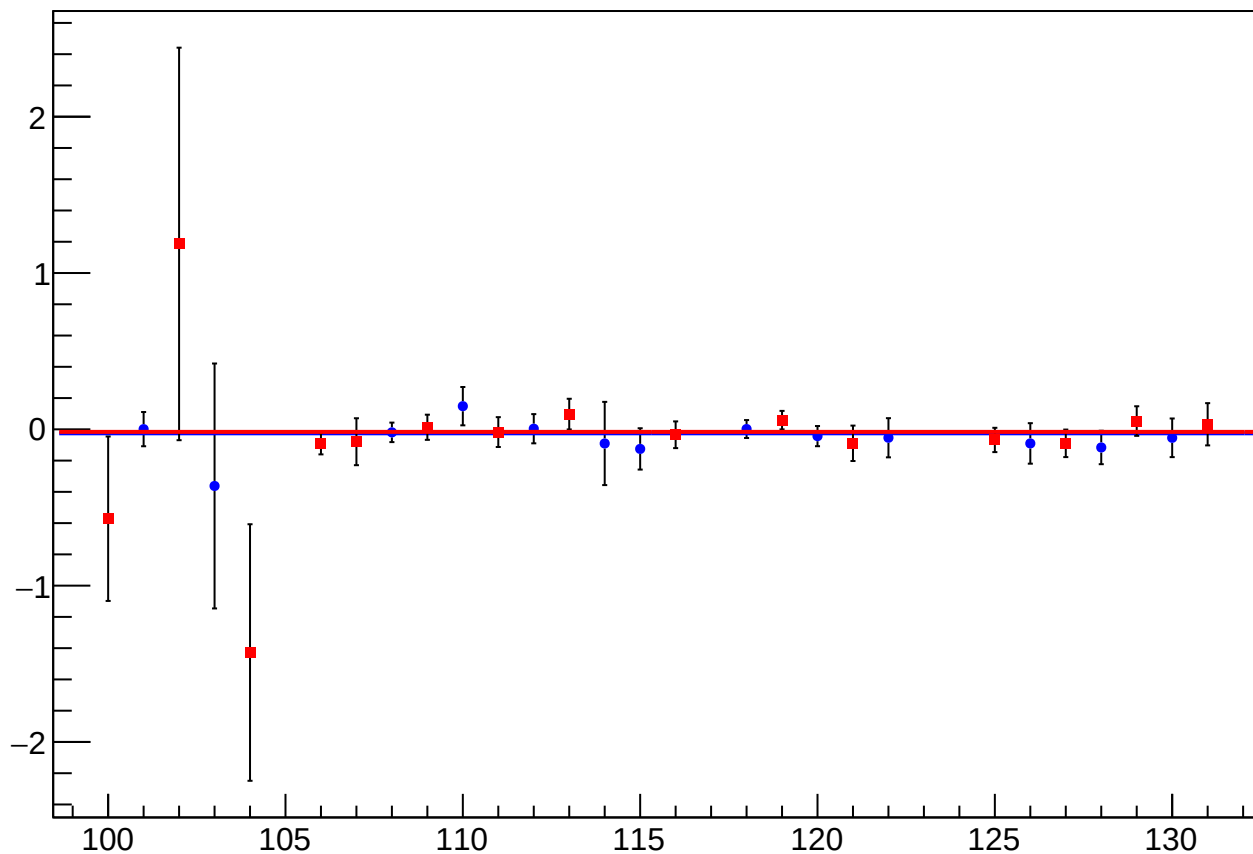
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3965438.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.025 ± 0.027 χ^2/NDF : 4.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.016 ± 0.025 χ^2/NDF : 11.7/14

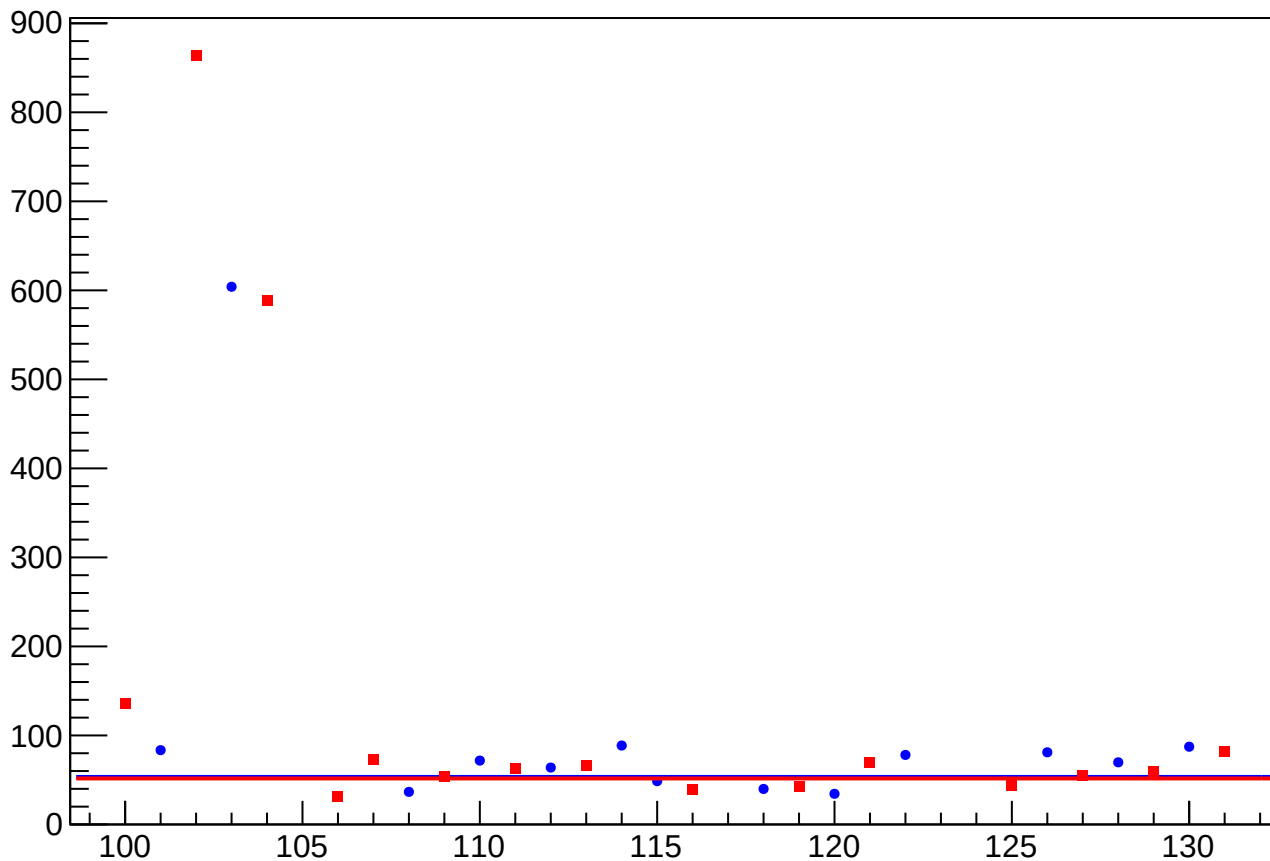
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.021 ± 0.018 χ^2/NDF : 16.1/27

- 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: 53.362 $\pm$ 0.019 χ^2 /NDF: 2041406.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 51.679 $\pm$ 0.018 χ^2 /NDF: 2308077.2/14

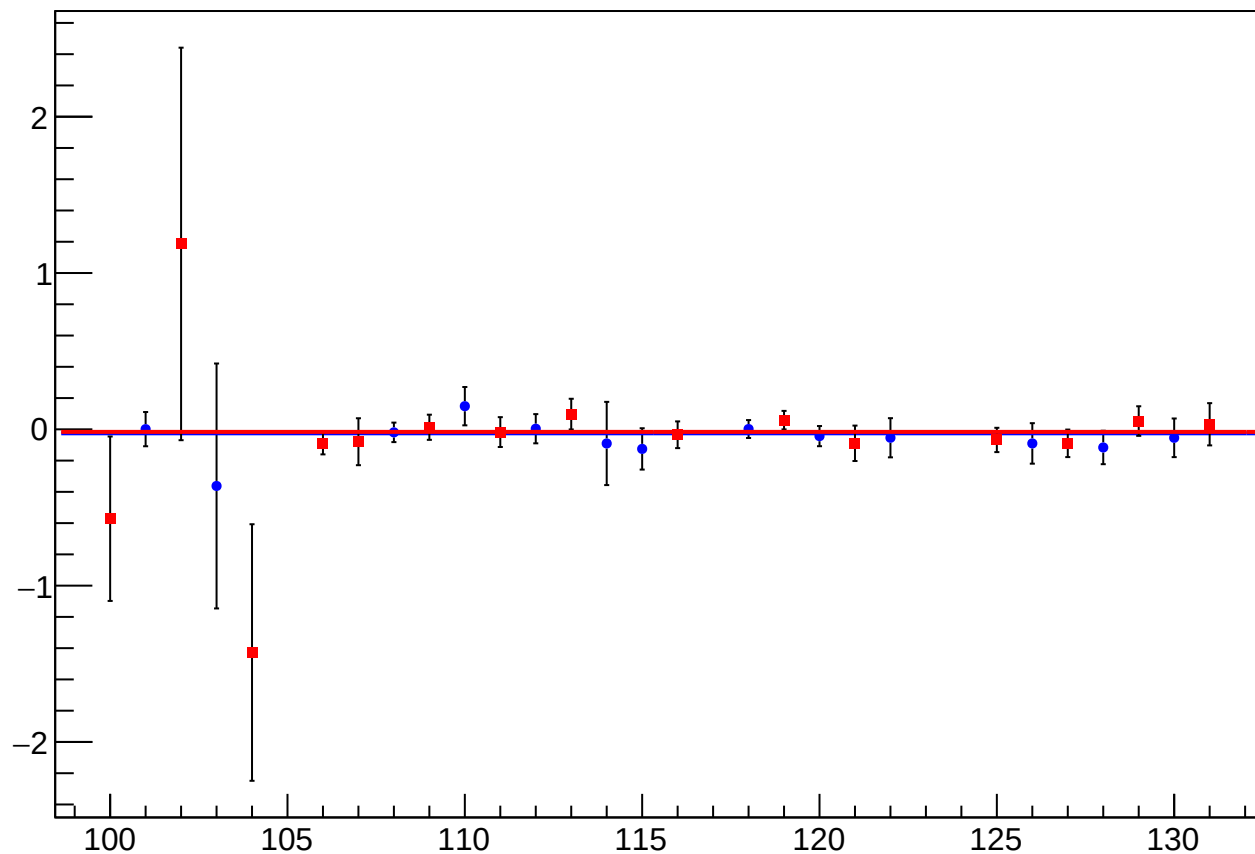
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 52.472 $\pm$ 0.013 χ^2 /NDF: 4353722.7/27

- 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: -0.025 ± 0.027 χ^2/NDF : 4.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.016 ± 0.025 χ^2/NDF : 11.7/14

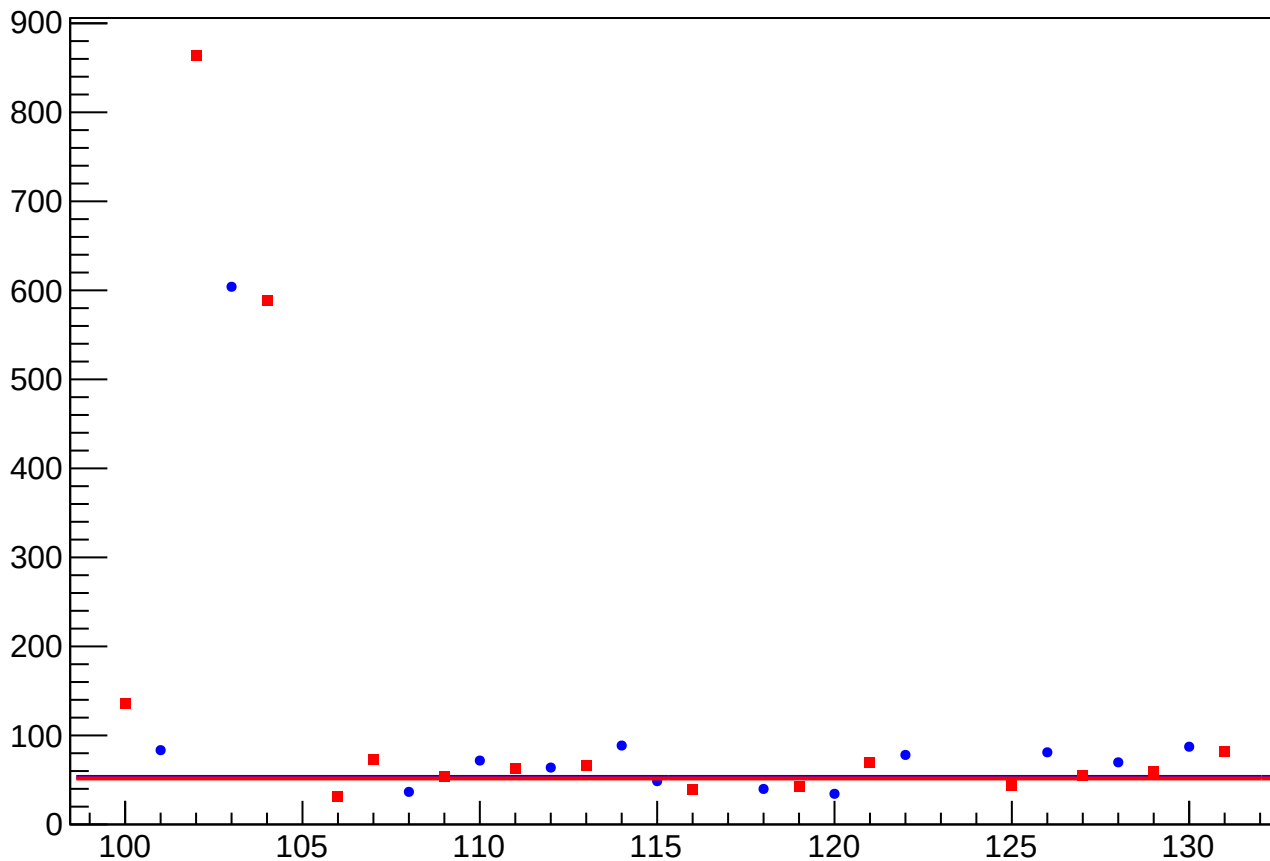
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.021 ± 0.018 χ^2/NDF : 16.1/27

- 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: 53.362+/-0.019 χ^2/NDF : 2041406.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.679+/-0.018 χ^2/NDF : 2308077.2/14

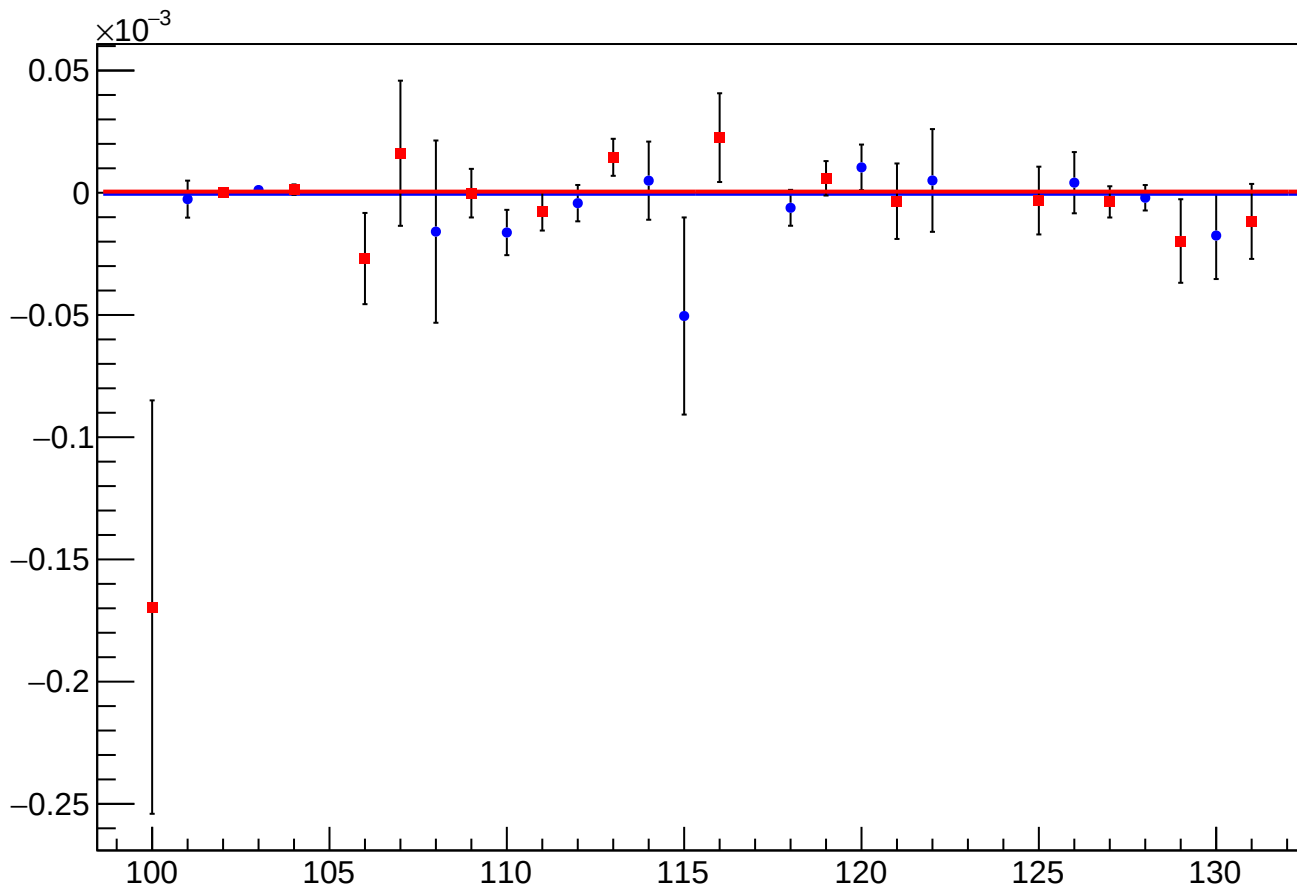
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.472+/-0.013 χ^2/NDF : 4353722.7/27

- 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 : 8.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.8/14

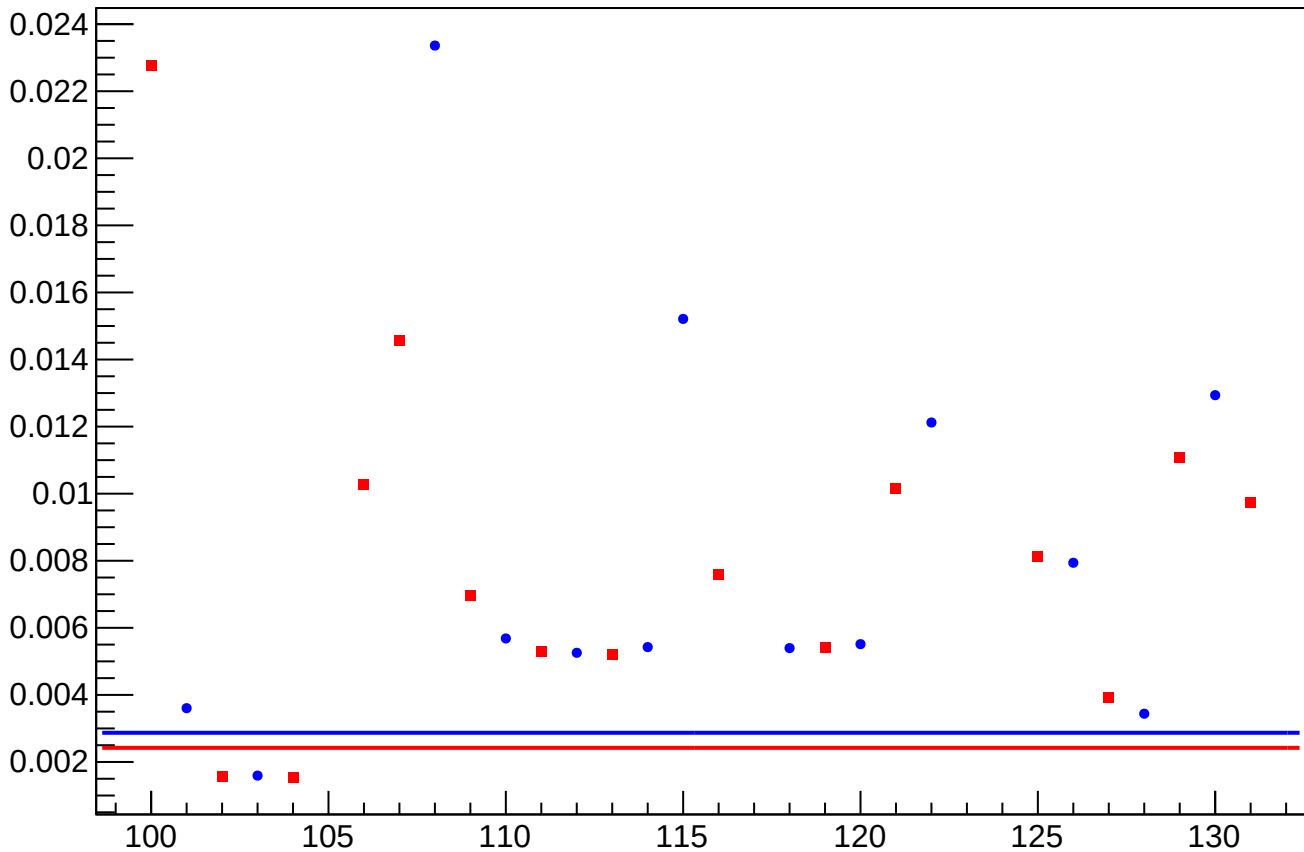
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.8/27

- 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 : 3804735.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 4927922.6/14

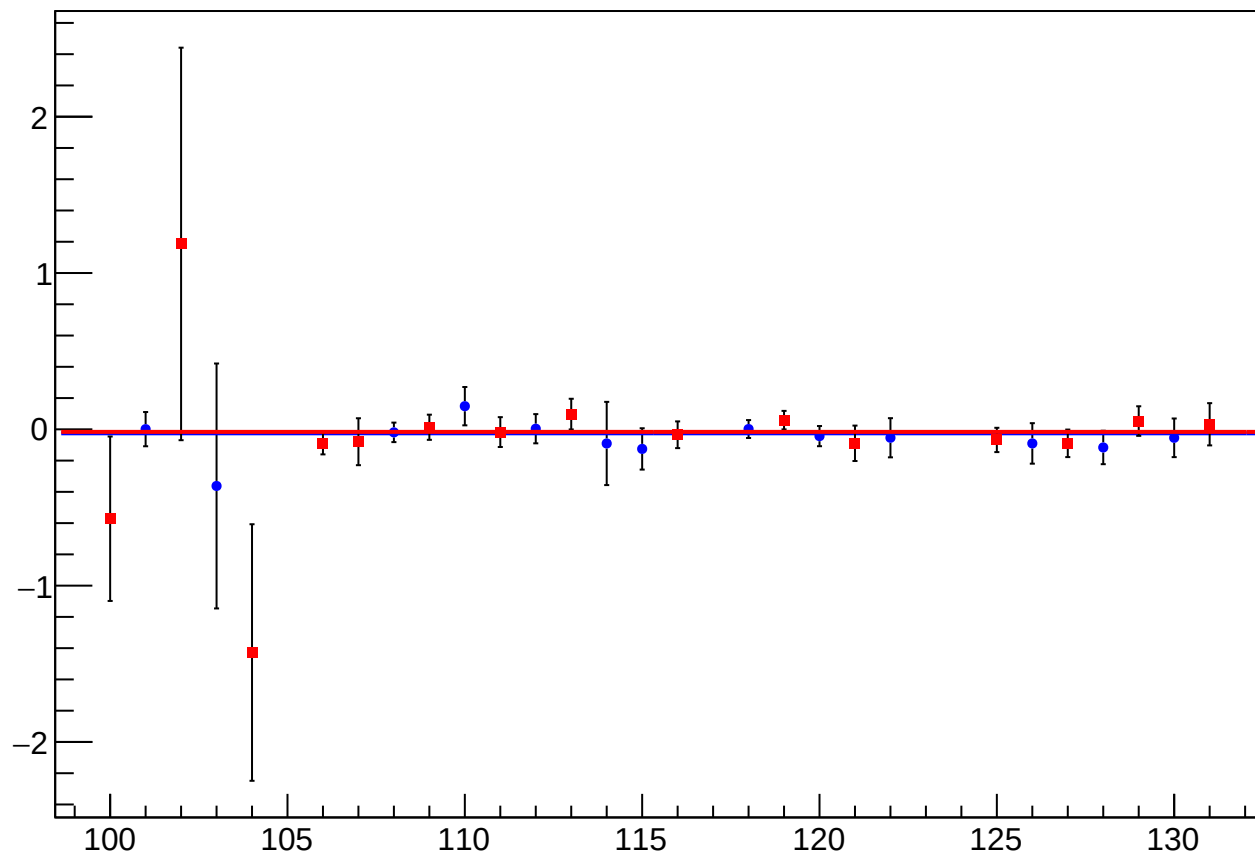
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 8824536.3/27

- 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: -0.025 ± 0.027 χ^2/NDF : 4.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.016 ± 0.025 χ^2/NDF : 11.7/14

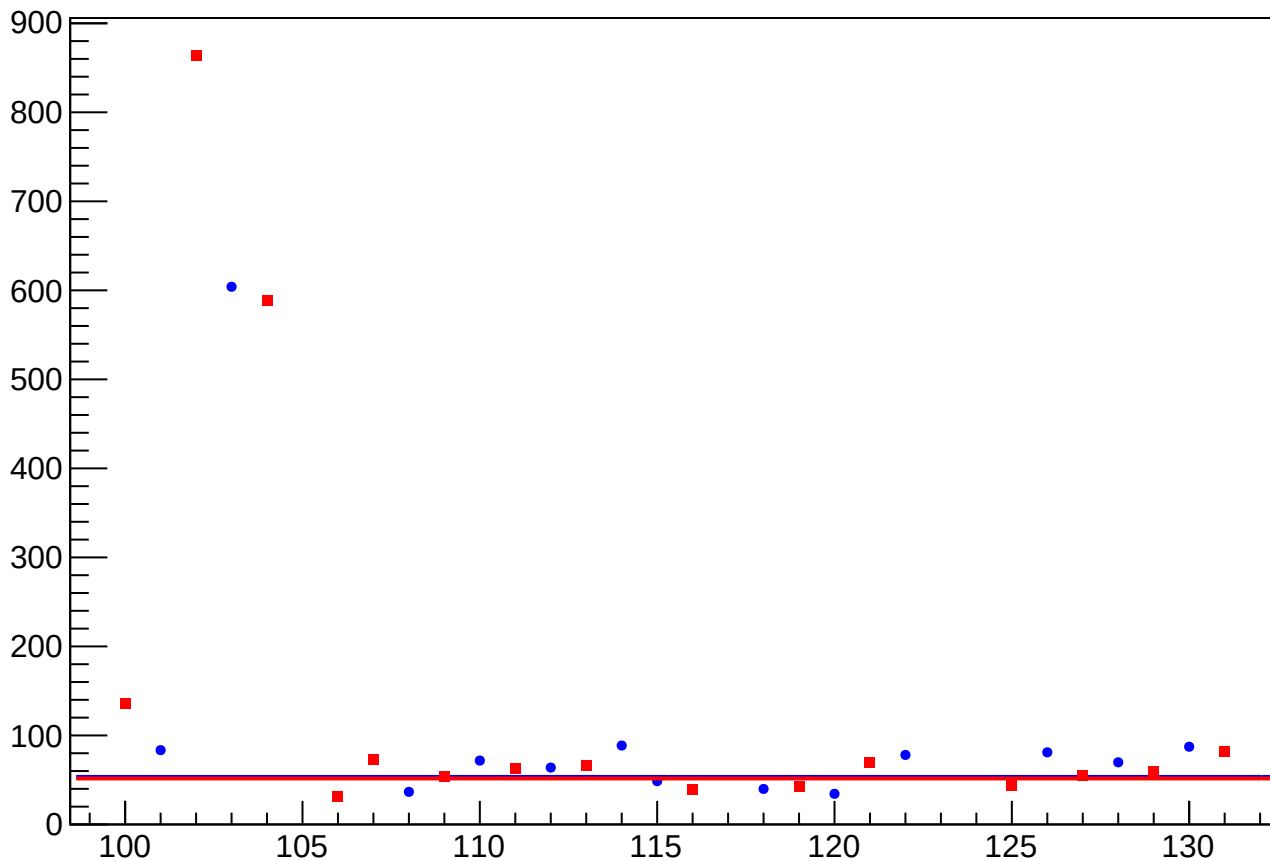
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.021 ± 0.018 χ^2/NDF : 16.1/27

- 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: 53.366+/-0.019 χ^2/NDF : 2041022.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.681+/-0.018 χ^2/NDF : 2307849.8/14

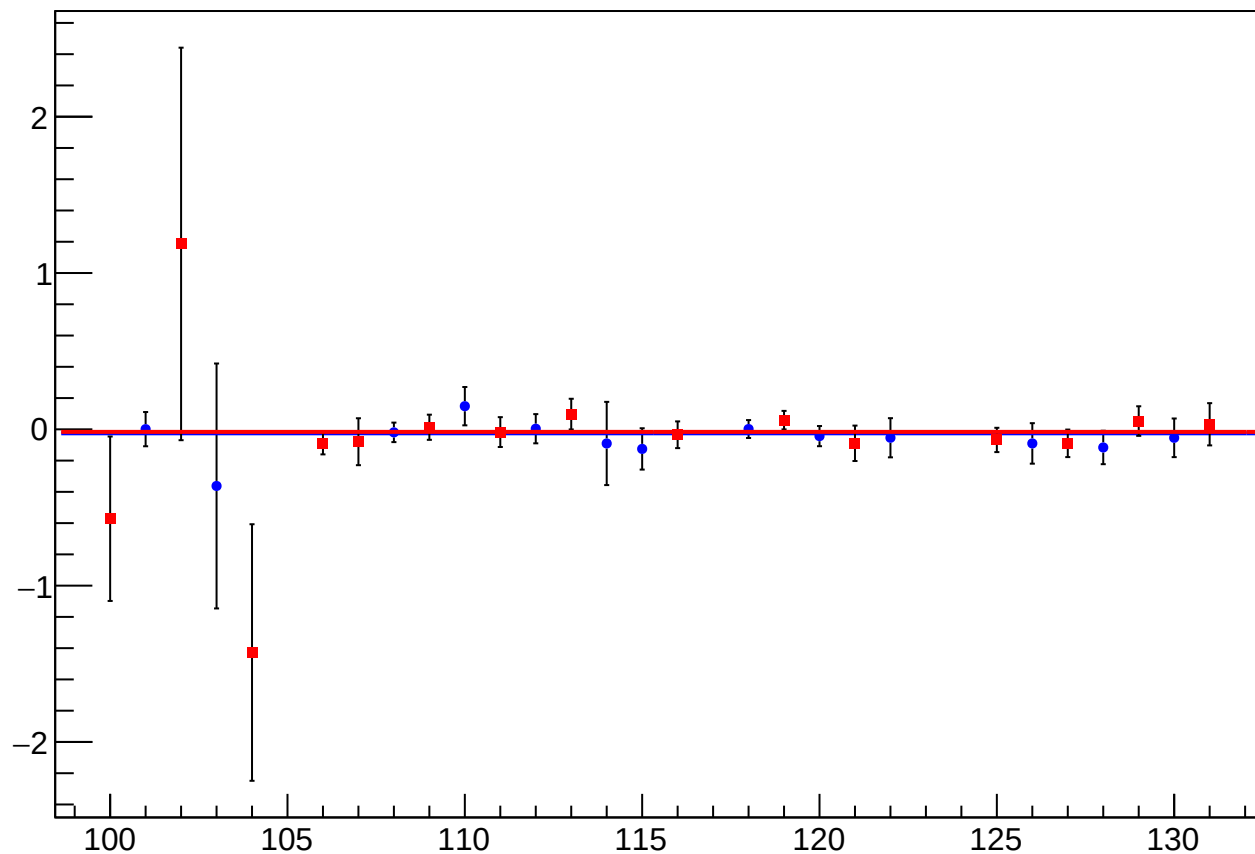
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.475+/-0.013 χ^2/NDF : 4353124.5/27

- sign 0.000+/-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: -0.025 ± 0.027 χ^2/NDF : 4.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.016 ± 0.025 χ^2/NDF : 11.7/14

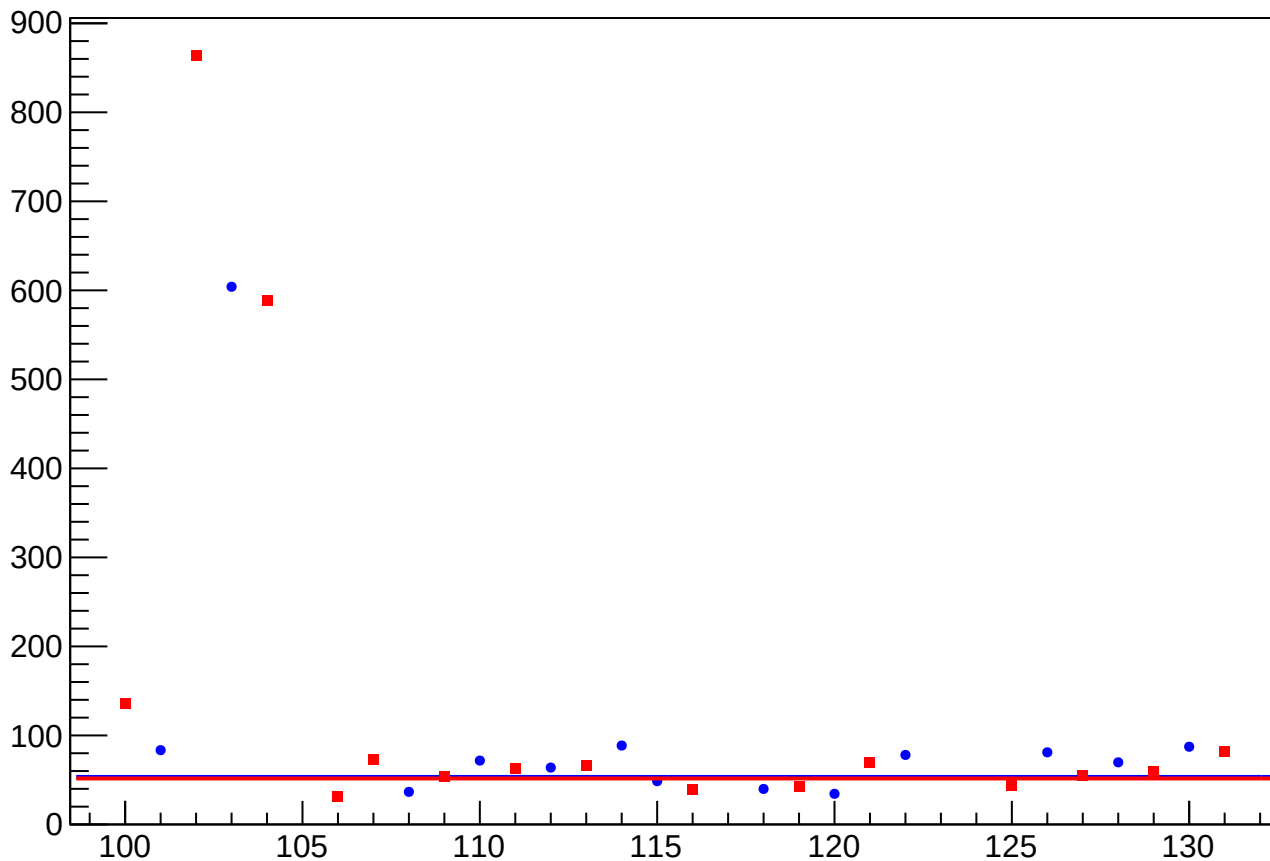
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.021 ± 0.018 χ^2/NDF : 16.1/27

- 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: 53.366+/-0.019 χ^2/NDF : 2041022.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.681+/-0.018 χ^2/NDF : 2307849.8/14

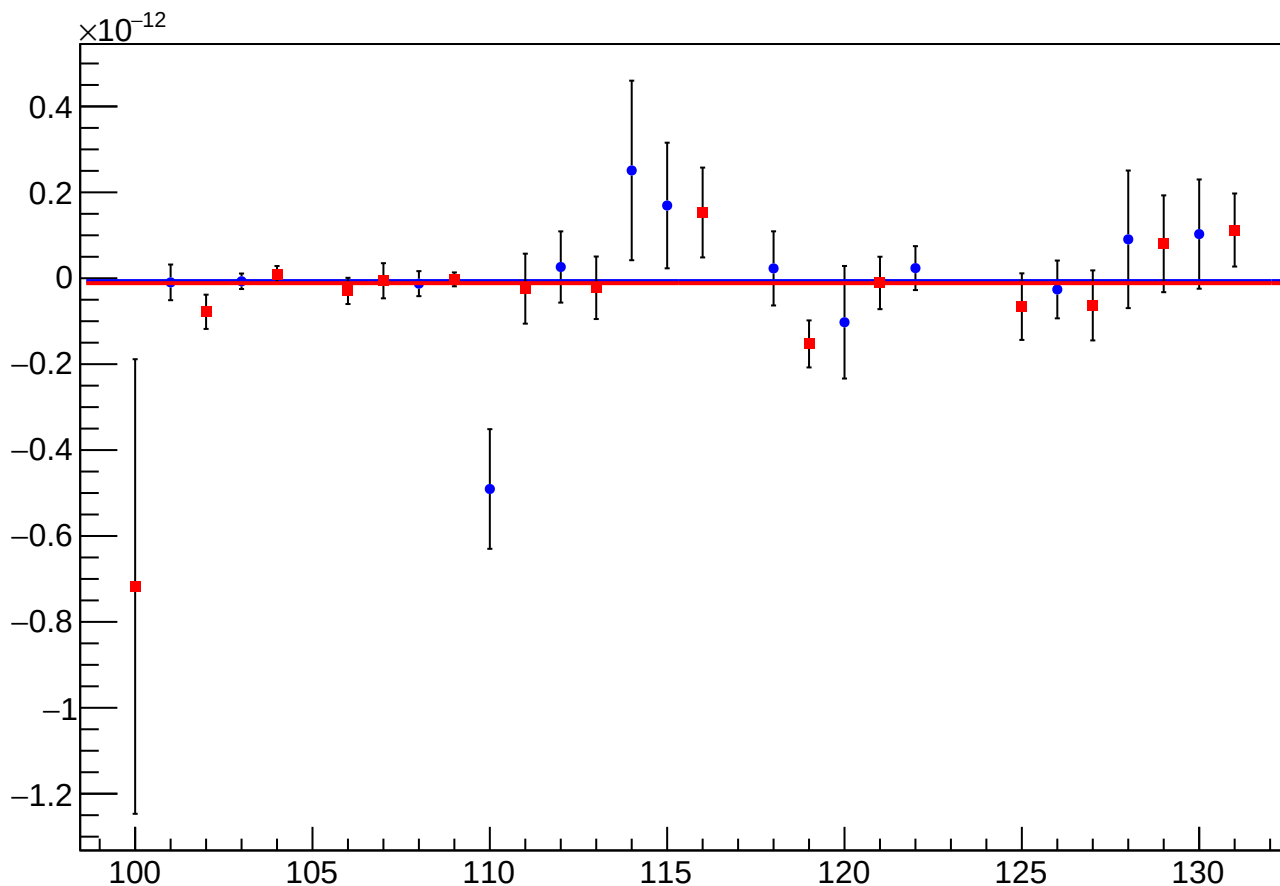
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.475+/-0.013 χ^2/NDF : 4353124.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 17.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 19.3/14

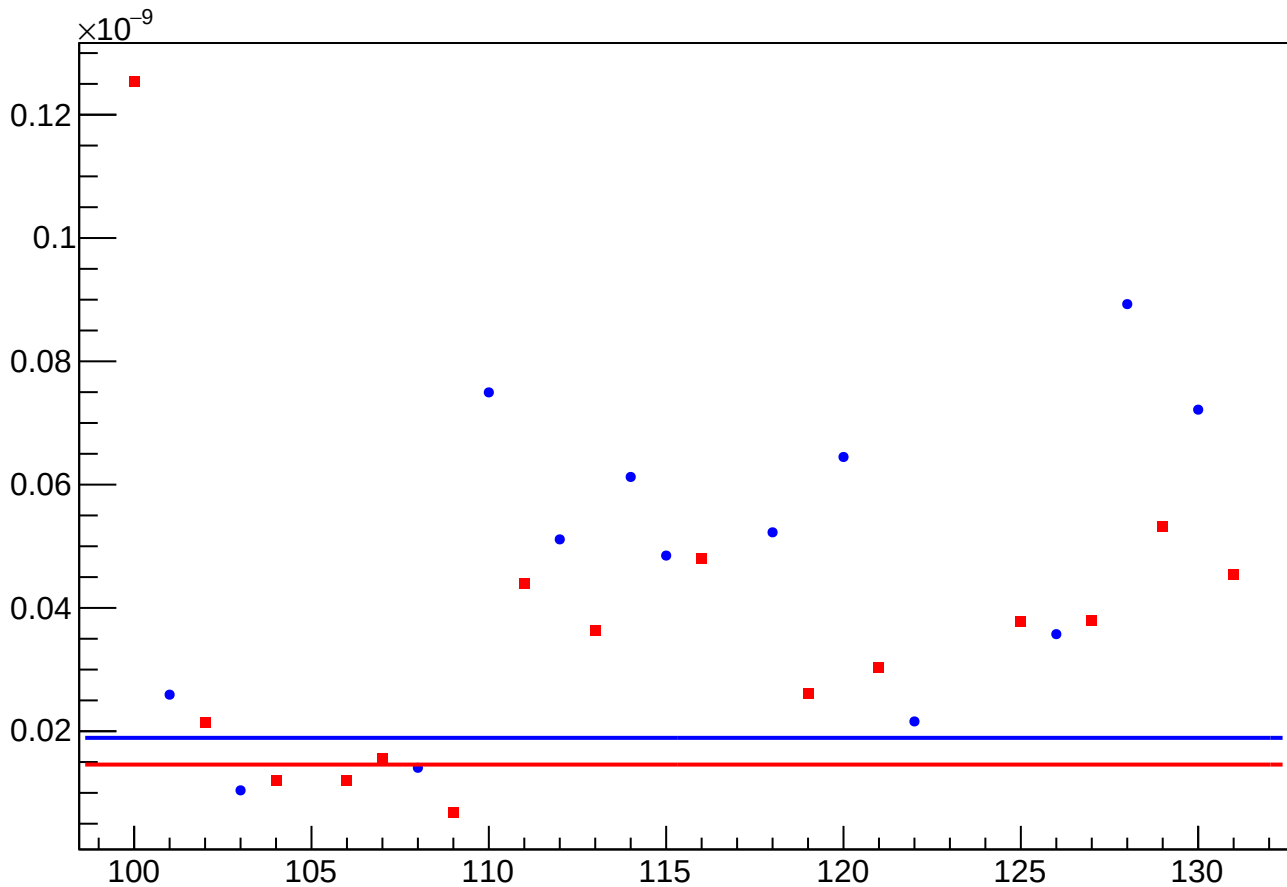
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 36.8/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2753892.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2373959.3/14

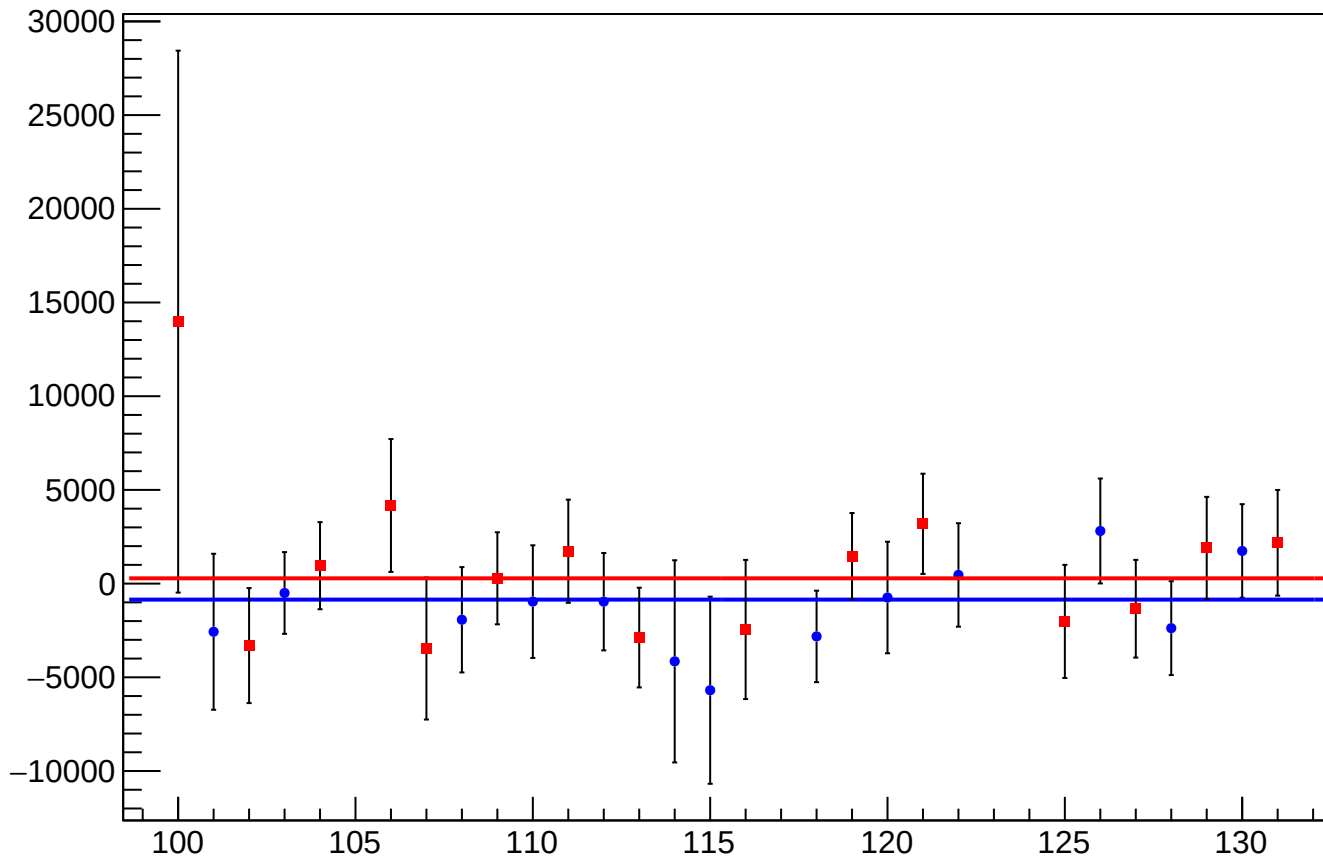
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 5270742.8/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -853.471+/-793.724 χ^2/NDF : 5.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 281.310+/-744.829 χ^2/NDF : 10.0/14

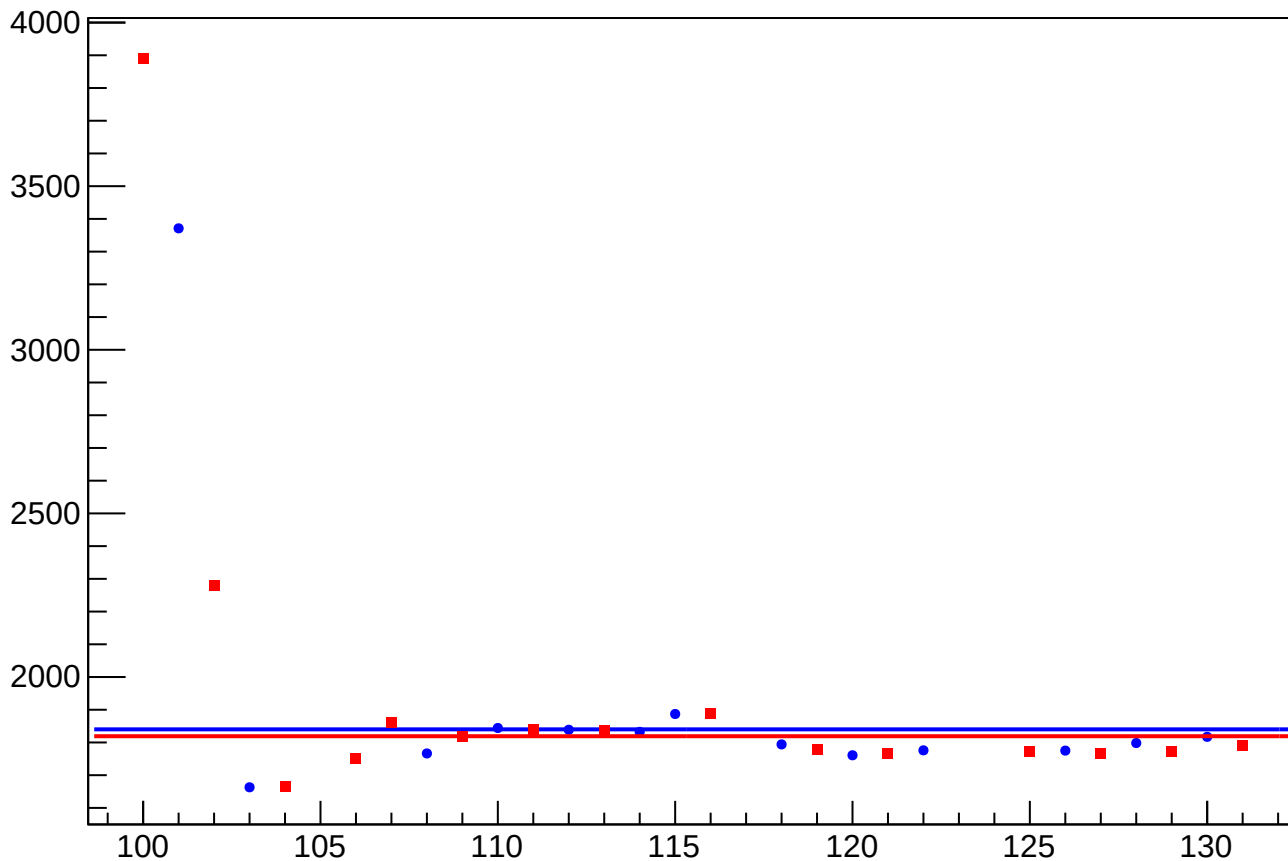
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -250.054+/-543.137 χ^2/NDF : 16.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1840.071+/-0.561 χ^2/NDF : 290437.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1819.091+/-0.527 χ^2/NDF : 100270.8/14

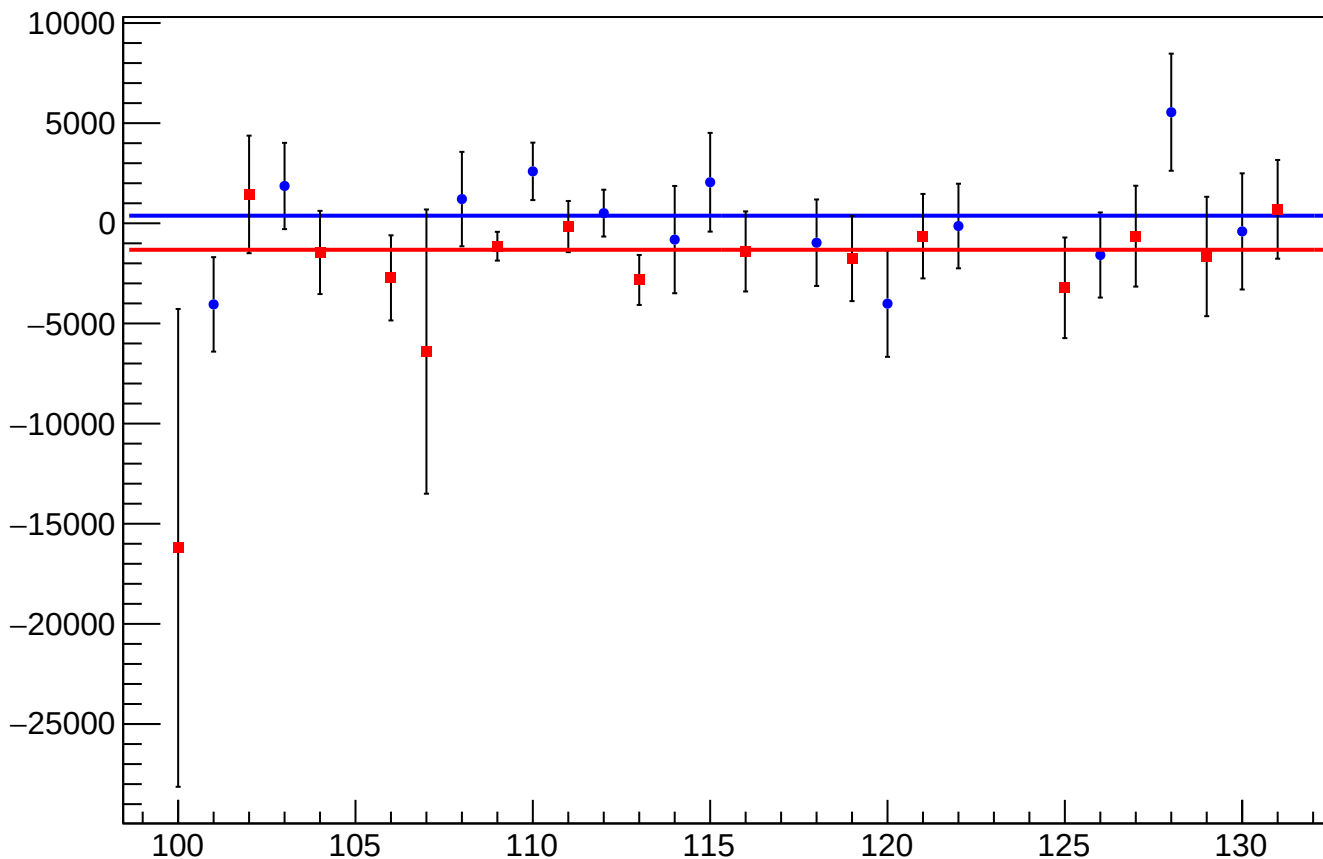
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1828.915+/-0.384 χ^2/NDF : 391451.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_reg_correction_mean vs Slug



Right In: 379.895 $\pm$ 564.810 χ^2 /NDF: 14.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1321.962 $\pm$ 443.574 χ^2 /NDF: 7.2/14

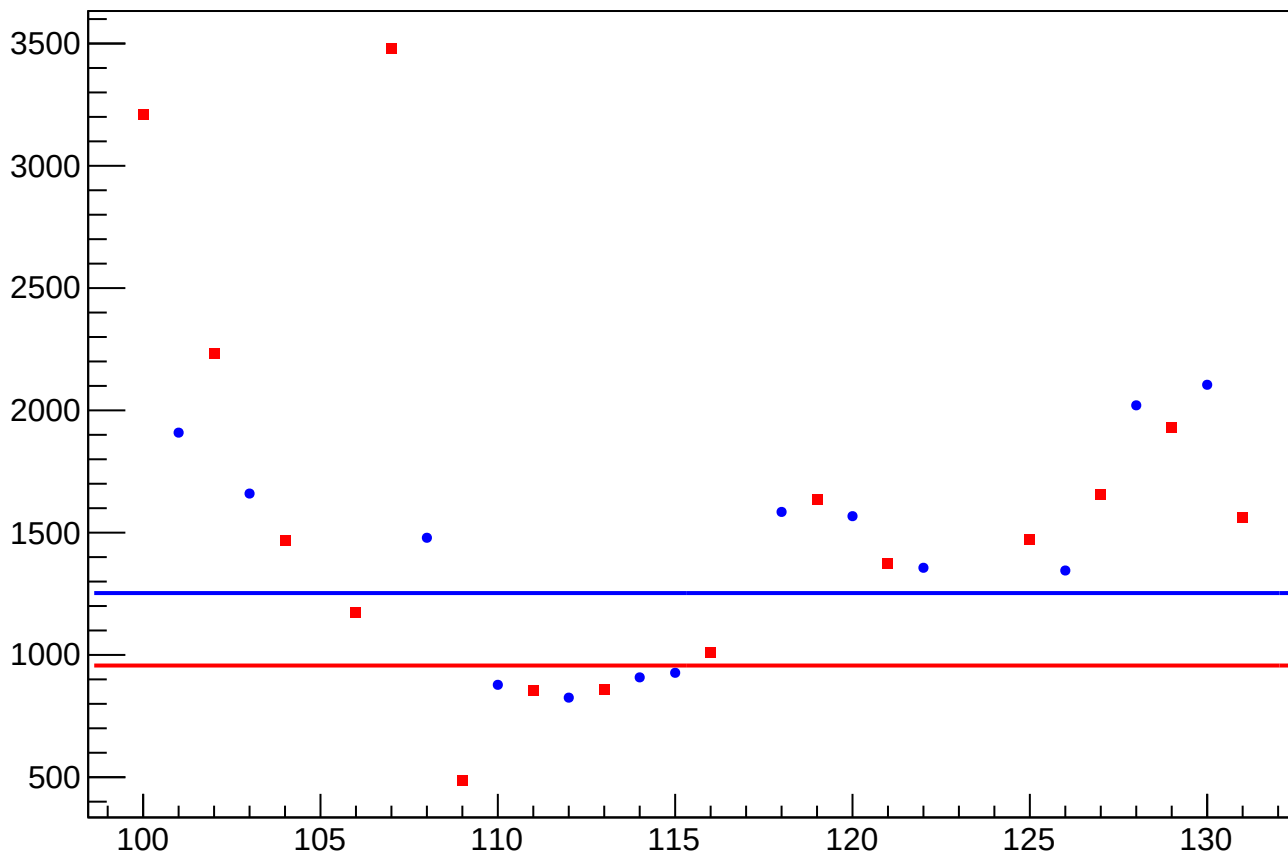
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -672.729 $\pm$ 348.852 χ^2 /NDF: 27.2/27

- 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: 1252.951+/-0.399 χ^2/NDF : 1111327.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 956.664+/-0.314 χ^2/NDF : 2588231.1/14

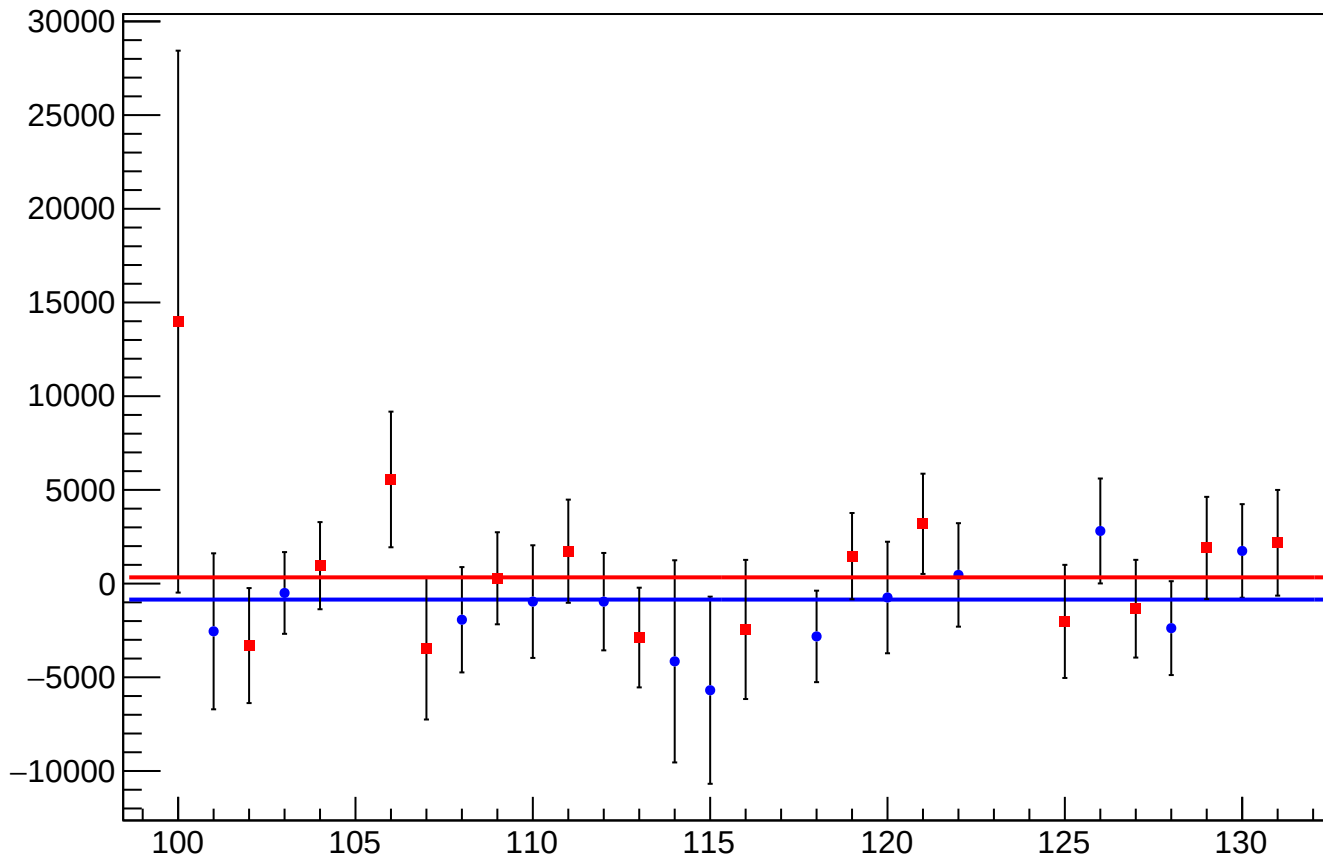
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1069.693+/-0.247 χ^2/NDF : 4039968.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -852.579+/-793.724 χ^2 /NDF: 5.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 333.309+/-745.501 χ^2 /NDF: 10.9/14

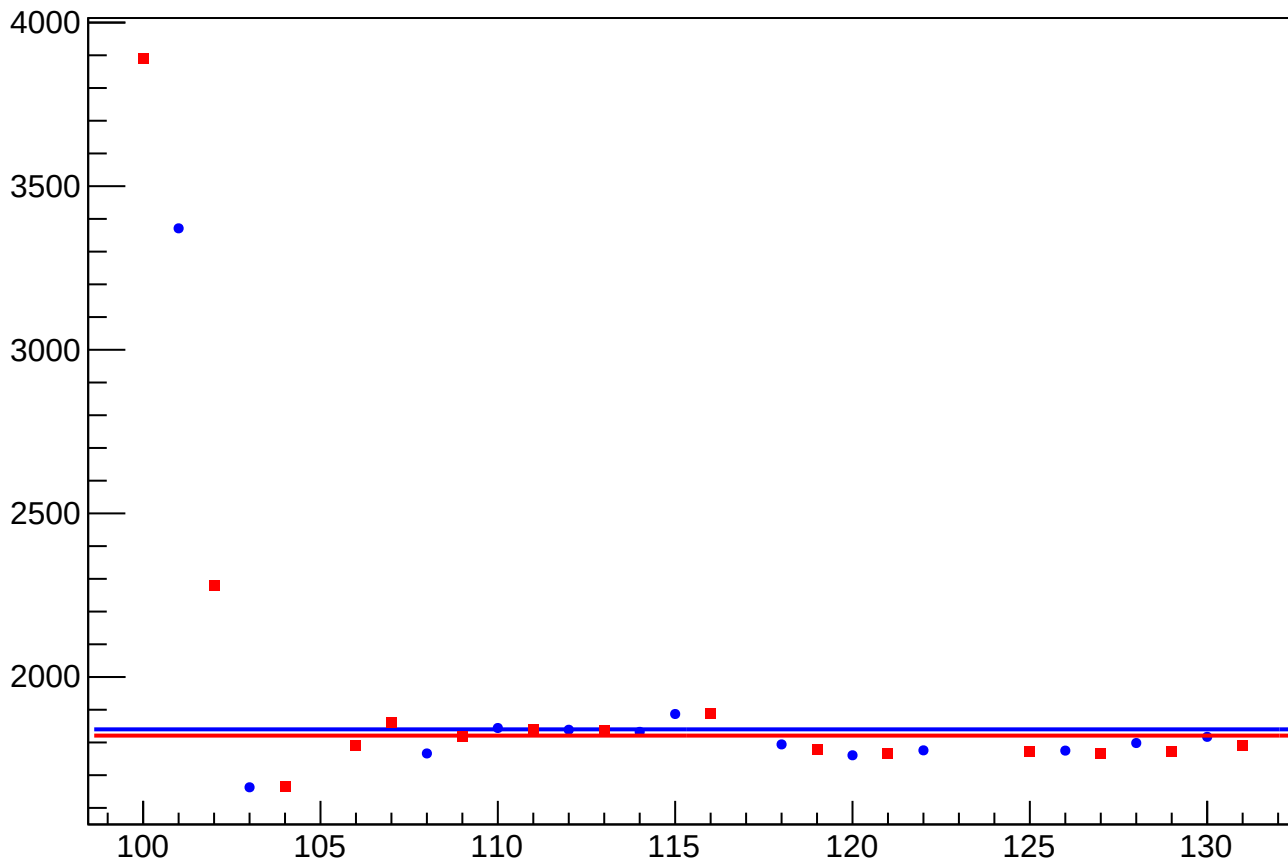
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -222.518+/-543.398 χ^2 /NDF: 17.8/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1840.071+/-0.561 χ^2/NDF : 290439.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1820.949+/-0.527 χ^2/NDF : 99628.2/14

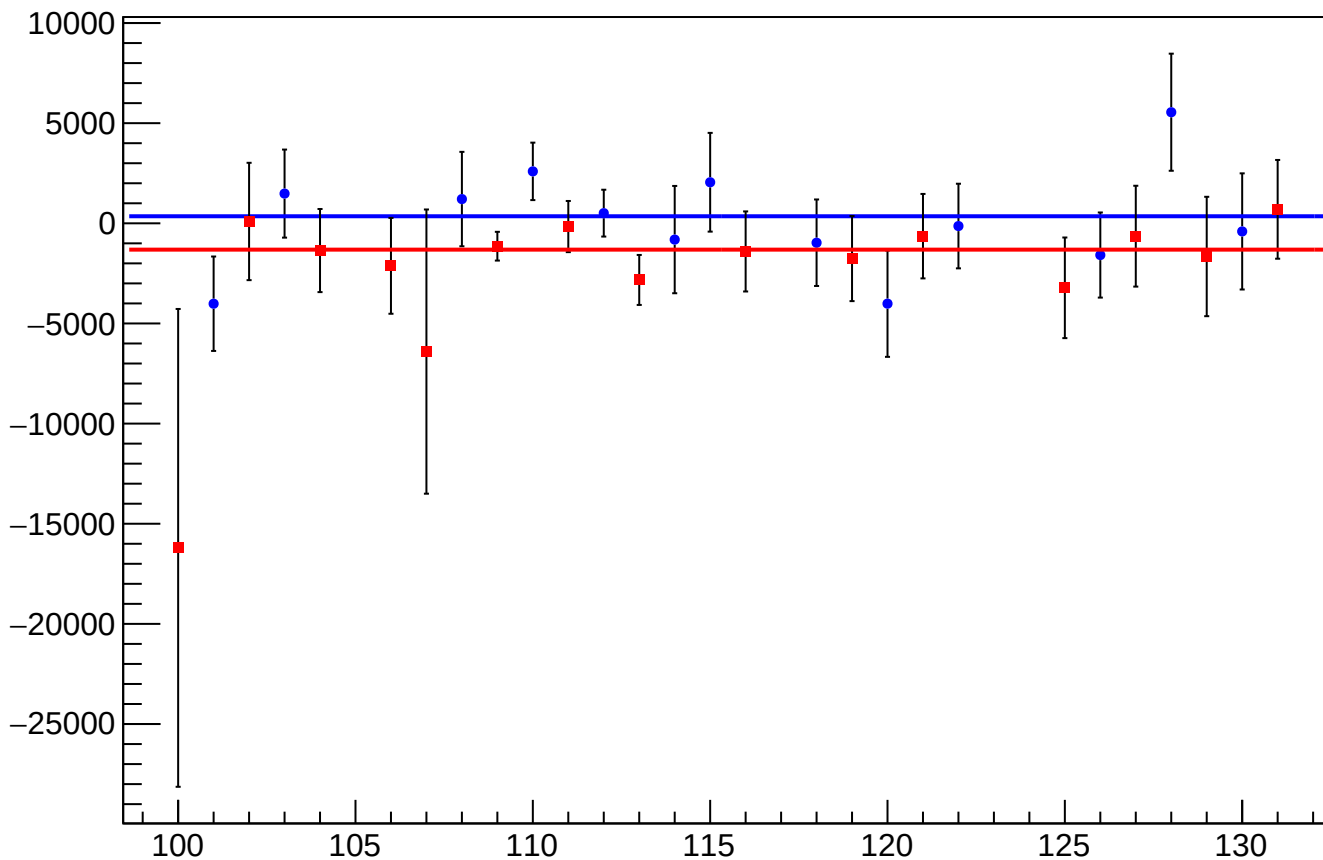
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1829.911+/-0.384 χ^2/NDF : 390684.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_cor_correction_mean vs Slug



Right In: 352.327 $\pm$ 565.579 χ^2 /NDF: 14.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1314.221 $\pm$ 445.571 χ^2 /NDF: 6.2/14

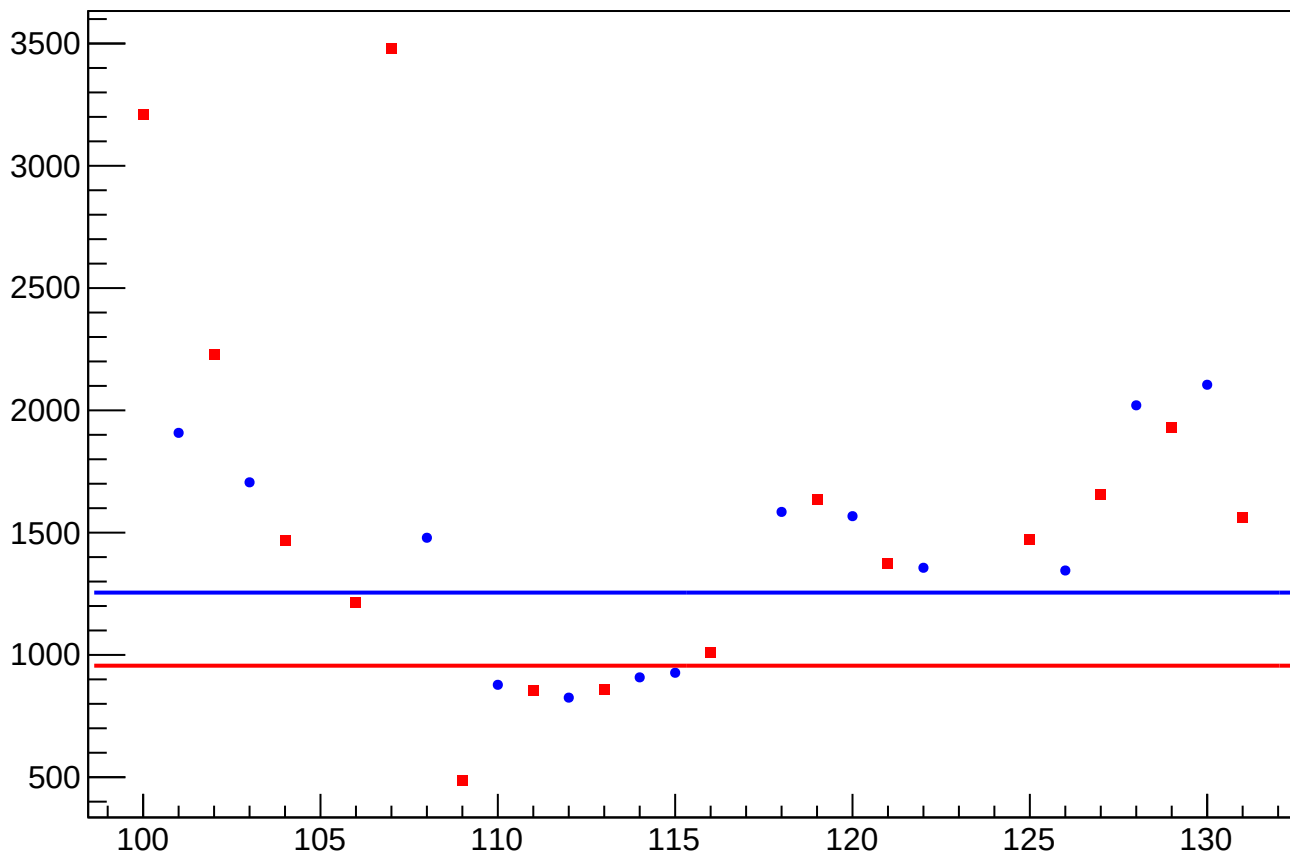
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -675.993 $\pm$ 350.003 χ^2 /NDF: 25.7/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_cor_correction_rms vs Slug



Right In: 1254.851+/-0.400 χ^2/NDF : 1124484.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 955.979+/-0.315 χ^2/NDF : 2588978.9/14

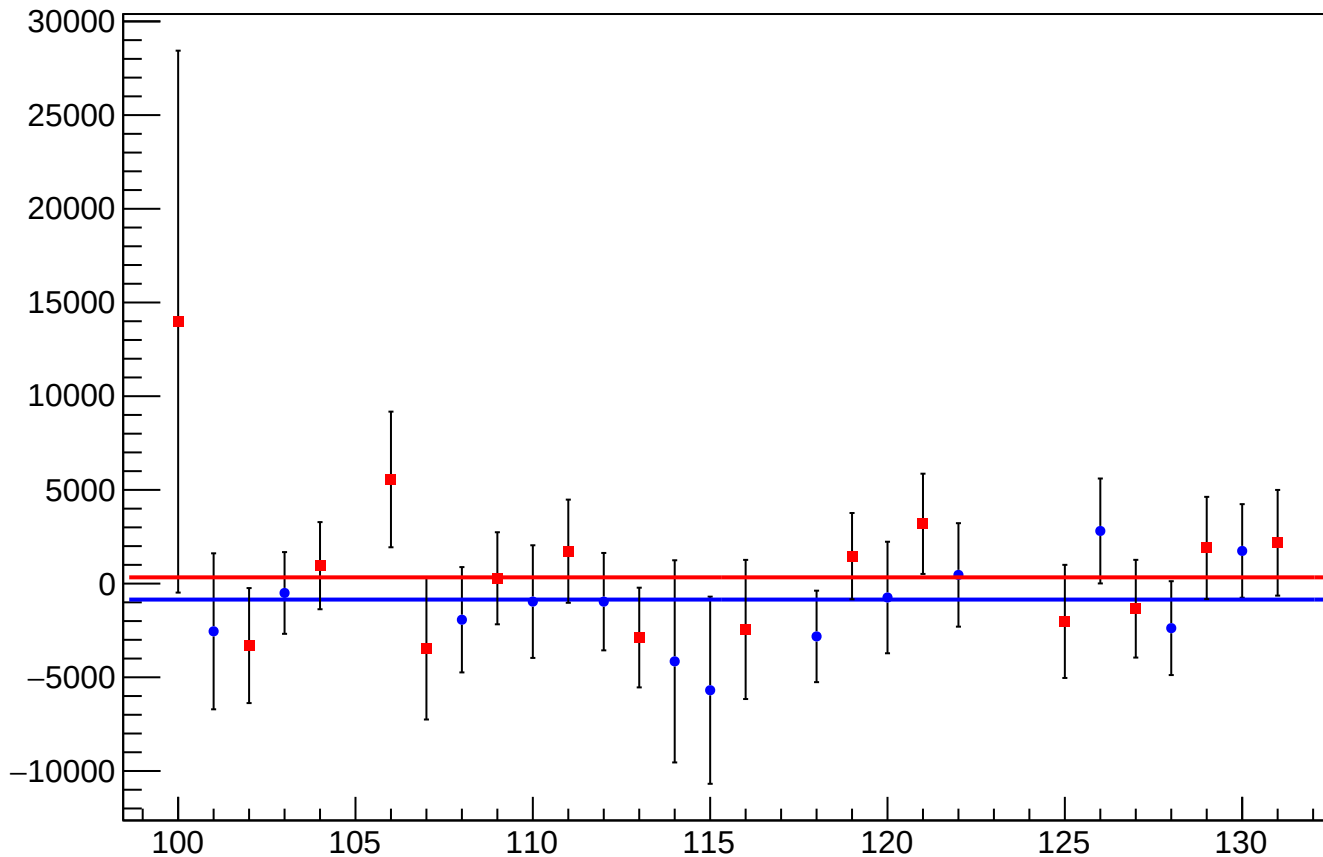
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1070.436+/-0.247 χ^2/NDF : 4058069.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -852.579+/-793.724 χ^2 /NDF: 5.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 333.309+/-745.501 χ^2 /NDF: 10.9/14

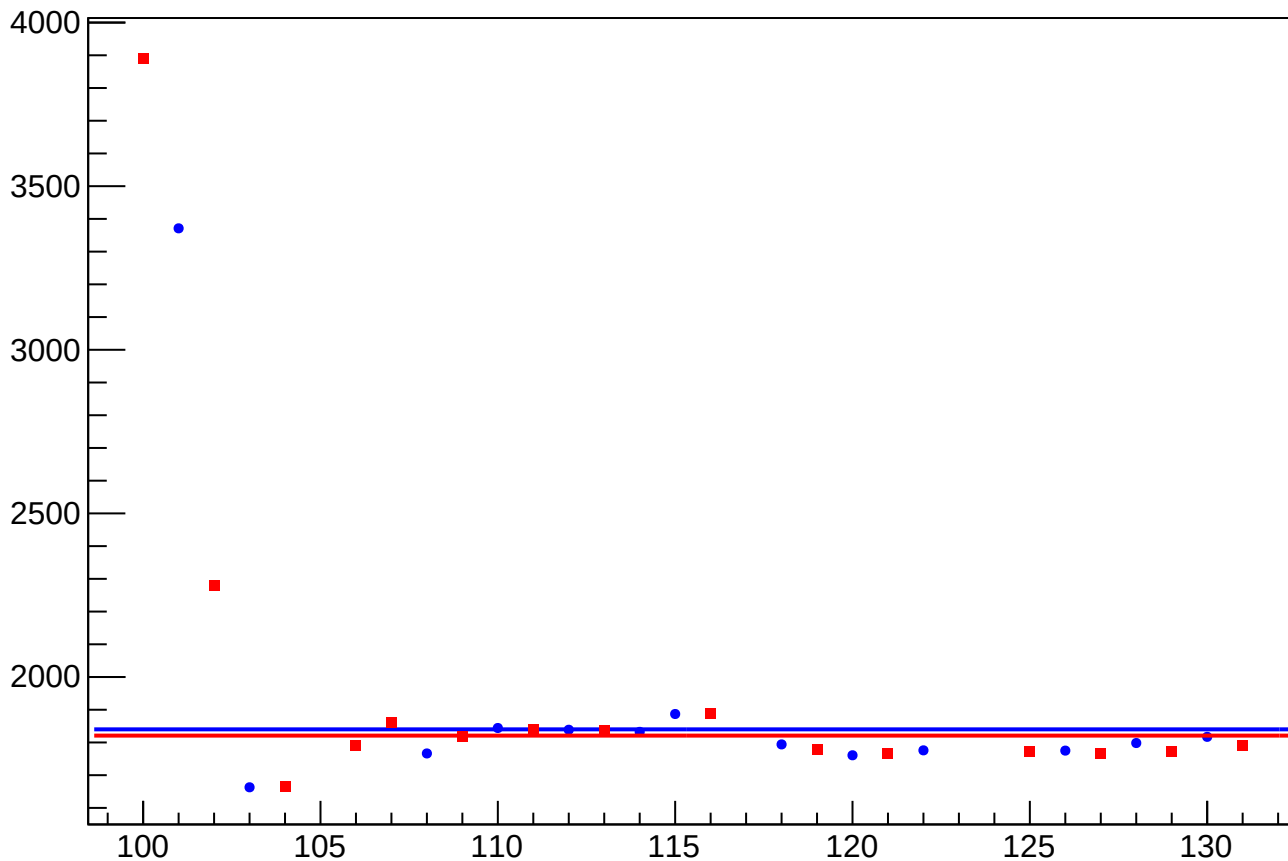
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -222.518+/-543.398 χ^2 /NDF: 17.8/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1840.071+/-0.561 χ^2/NDF : 290439.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1820.949+/-0.527 χ^2/NDF : 99628.2/14

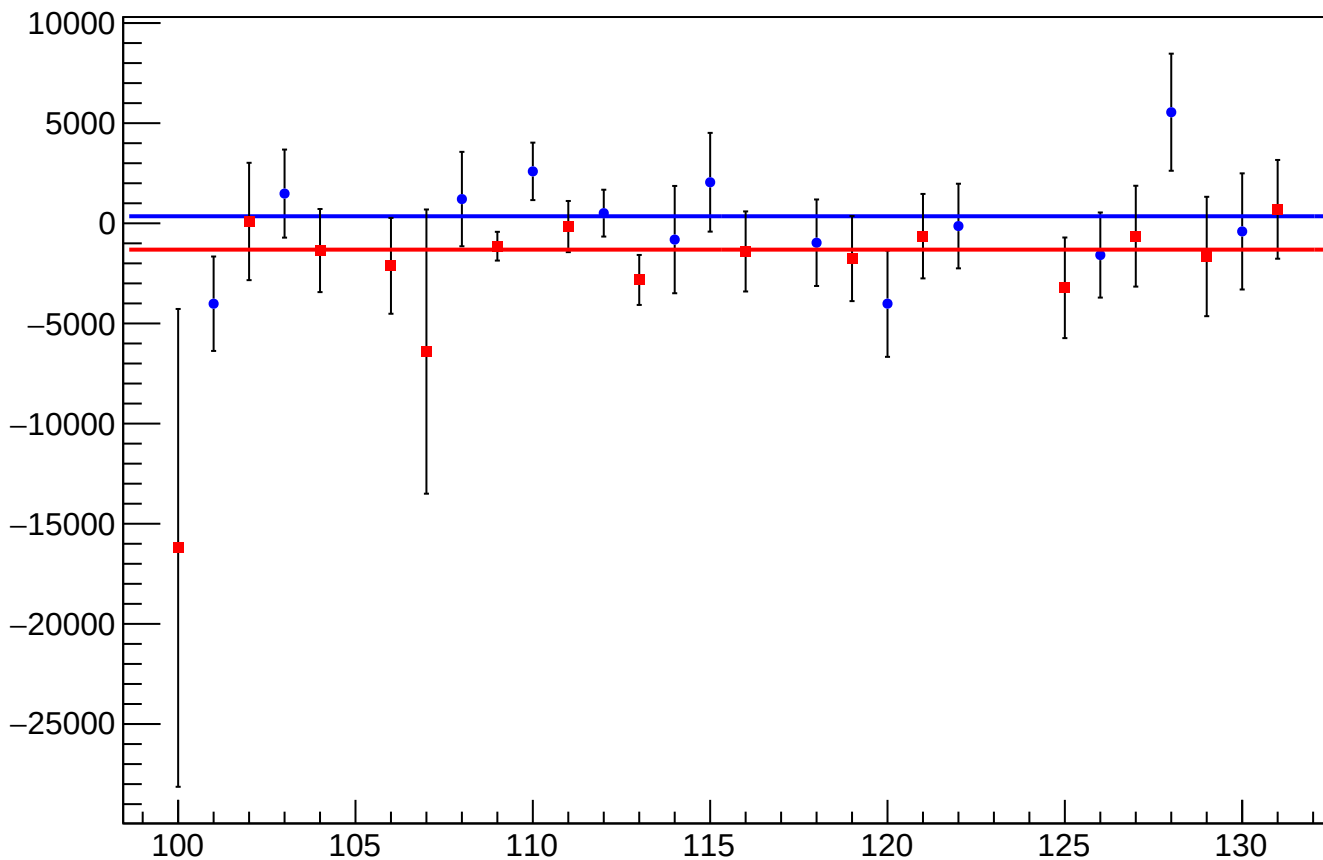
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1829.911+/-0.384 χ^2/NDF : 390684.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_cor_correction_mean vs Slug



Right In: 352.327+/-565.579 χ^2/NDF : 14.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1314.221+/-445.571 χ^2/NDF : 6.2/14

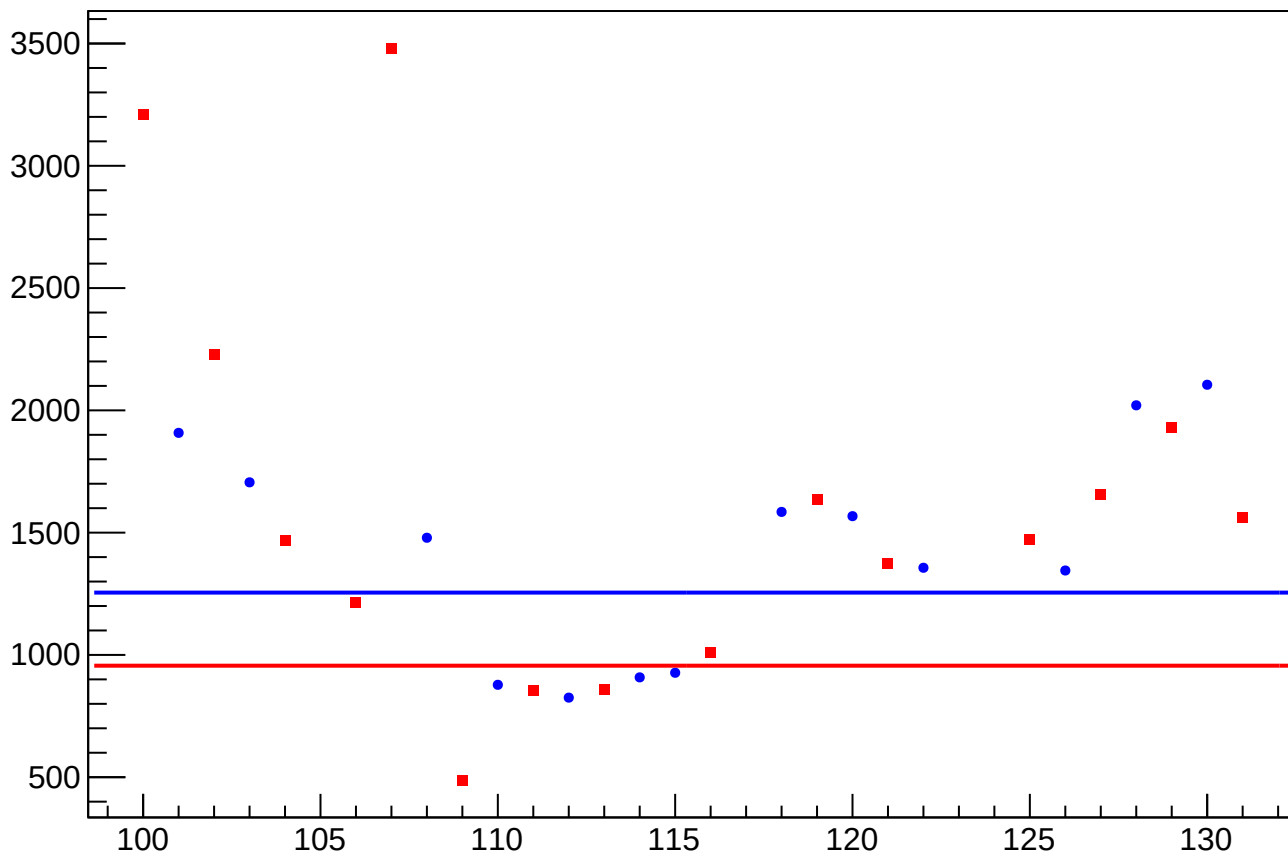
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -675.993+/-350.003 χ^2/NDF : 25.7/27

- 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: 1254.851+/-0.400 χ^2/NDF : 1124484.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 955.979+/-0.315 χ^2/NDF : 2588978.9/14

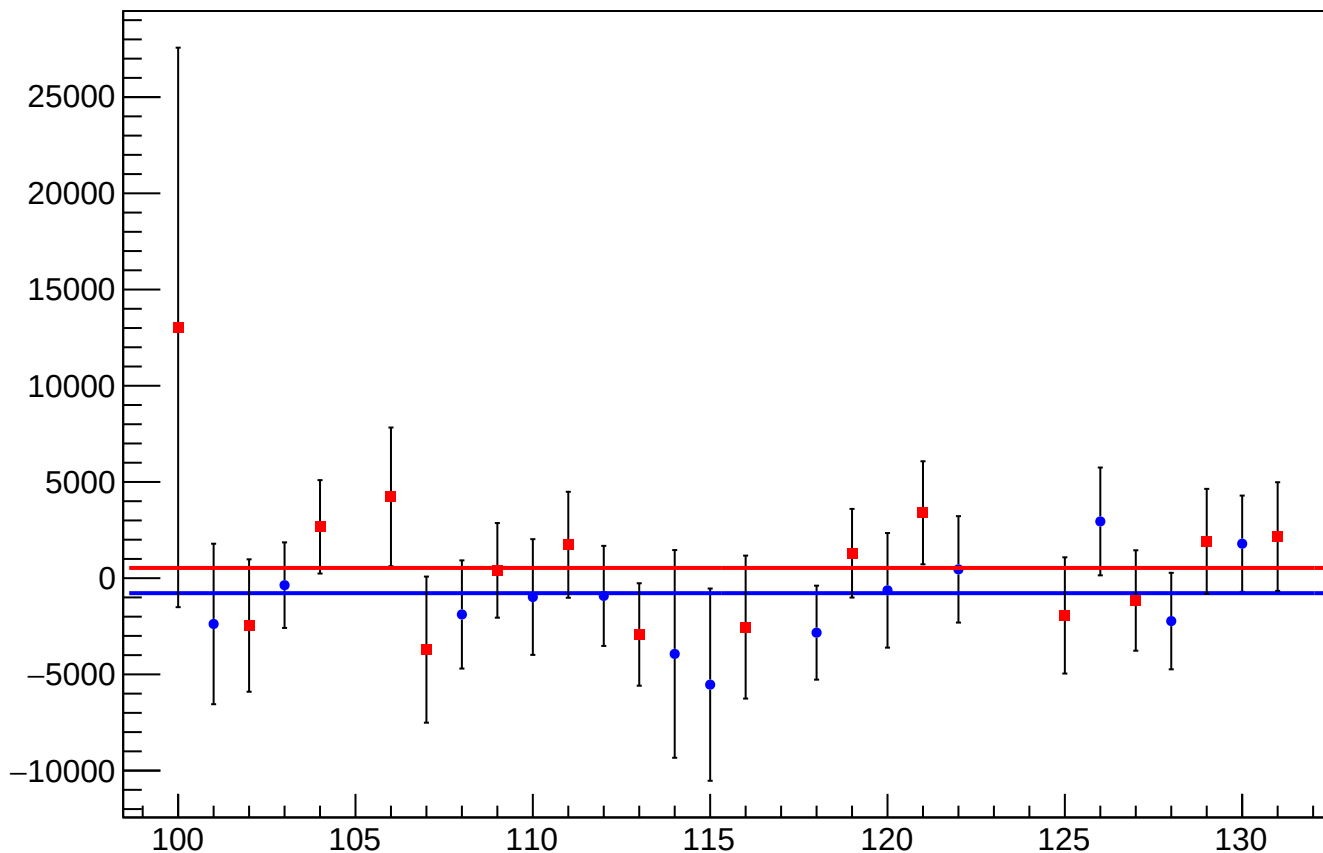
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1070.436+/-0.247 χ^2/NDF : 4058069.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -779.509+/-796.389 χ^2/NDF : 5.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 531.885+/-753.762 χ^2/NDF : 10.1/14

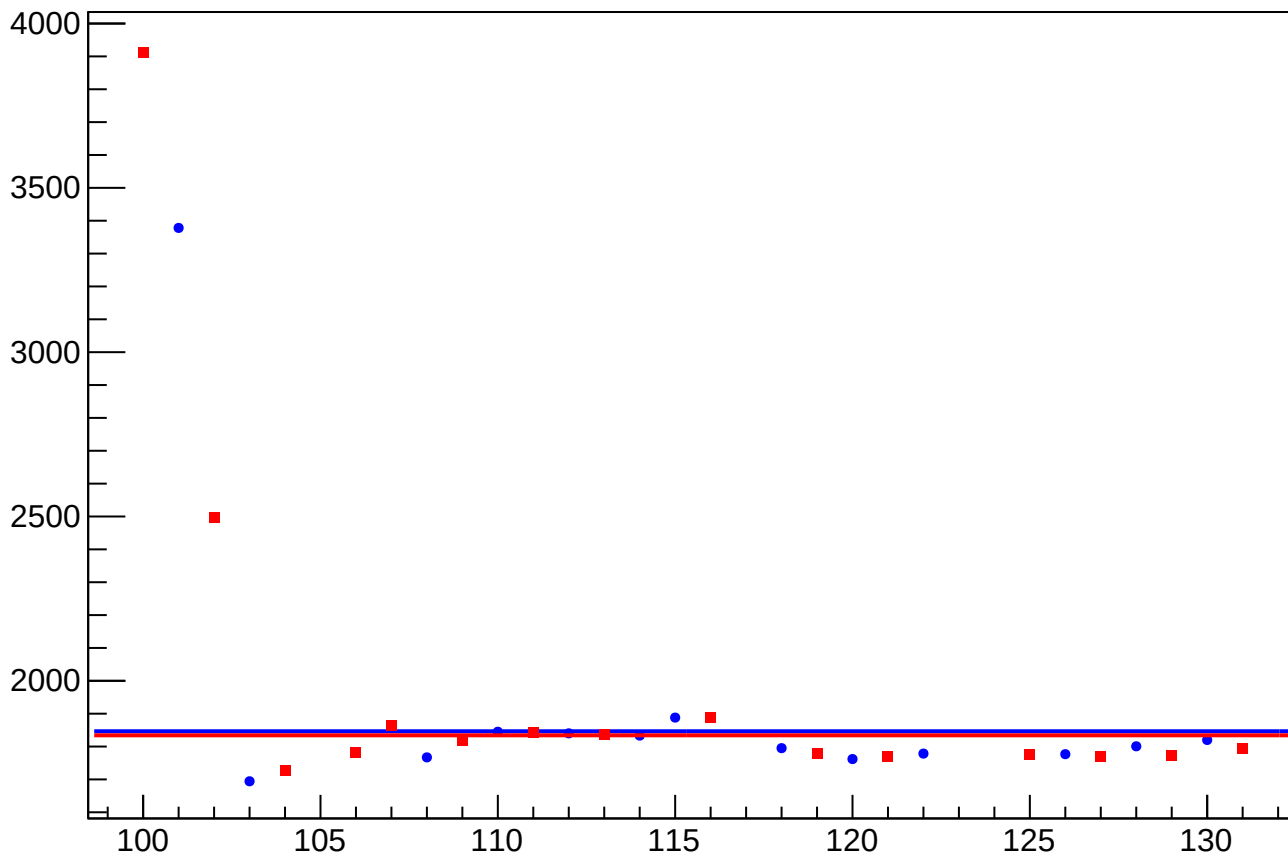
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -87.778+/-547.440 χ^2/NDF : 17.2/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1846.445 $\pm$ 0.563 χ^2 /NDF: 286710.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1834.197 $\pm$ 0.533 χ^2 /NDF: 125857.1/14

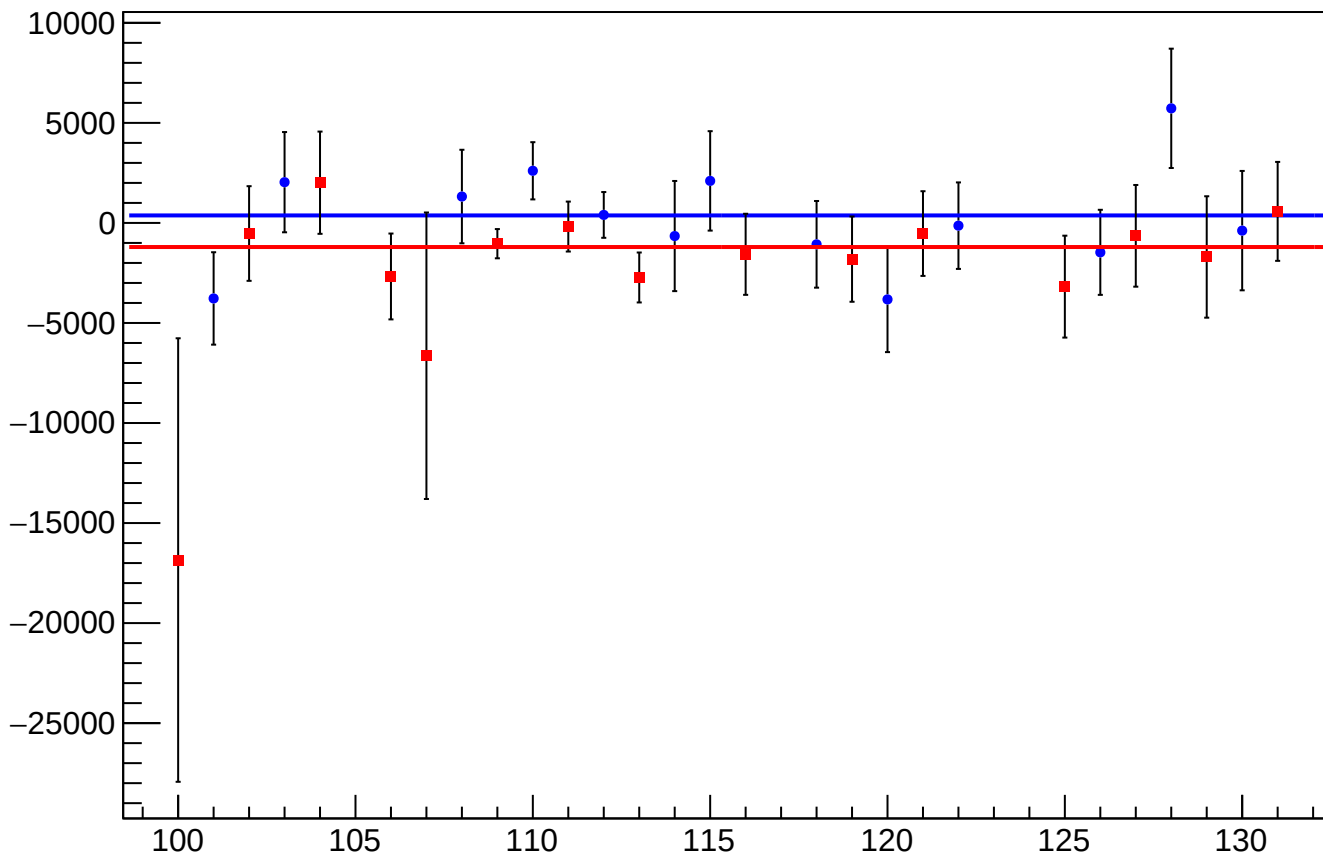
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1839.984 $\pm$ 0.387 χ^2 /NDF: 412817.3/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_dit_correction_mean vs Slug



Right In: 374.901+/-568.406 χ^2/NDF : 14.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1204.402+/-447.093 χ^2/NDF : 8.3/14

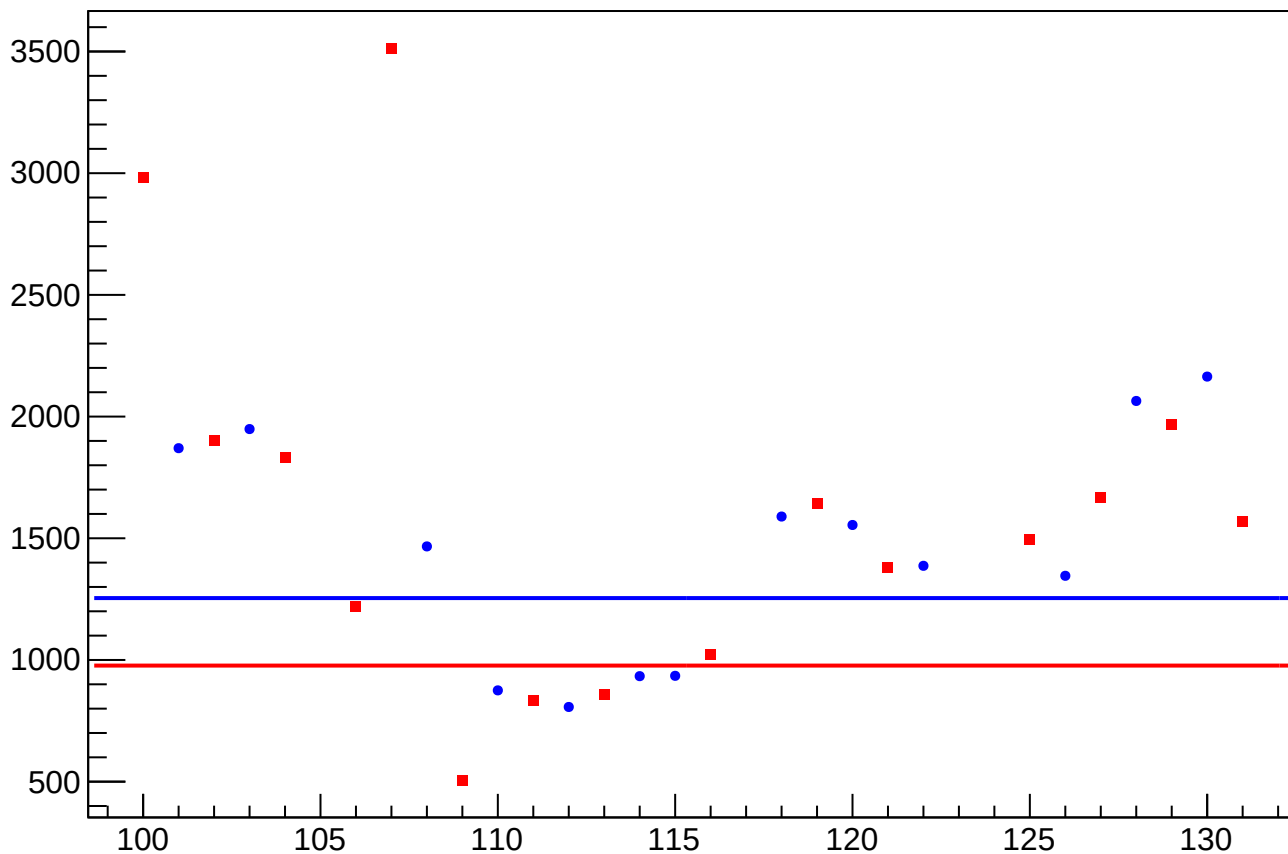
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -600.762+/-351.411 χ^2/NDF : 27.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_dit_correction_rms vs Slug



Right In: 1254.285+/-0.402 χ^2/NDF : 1238155.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

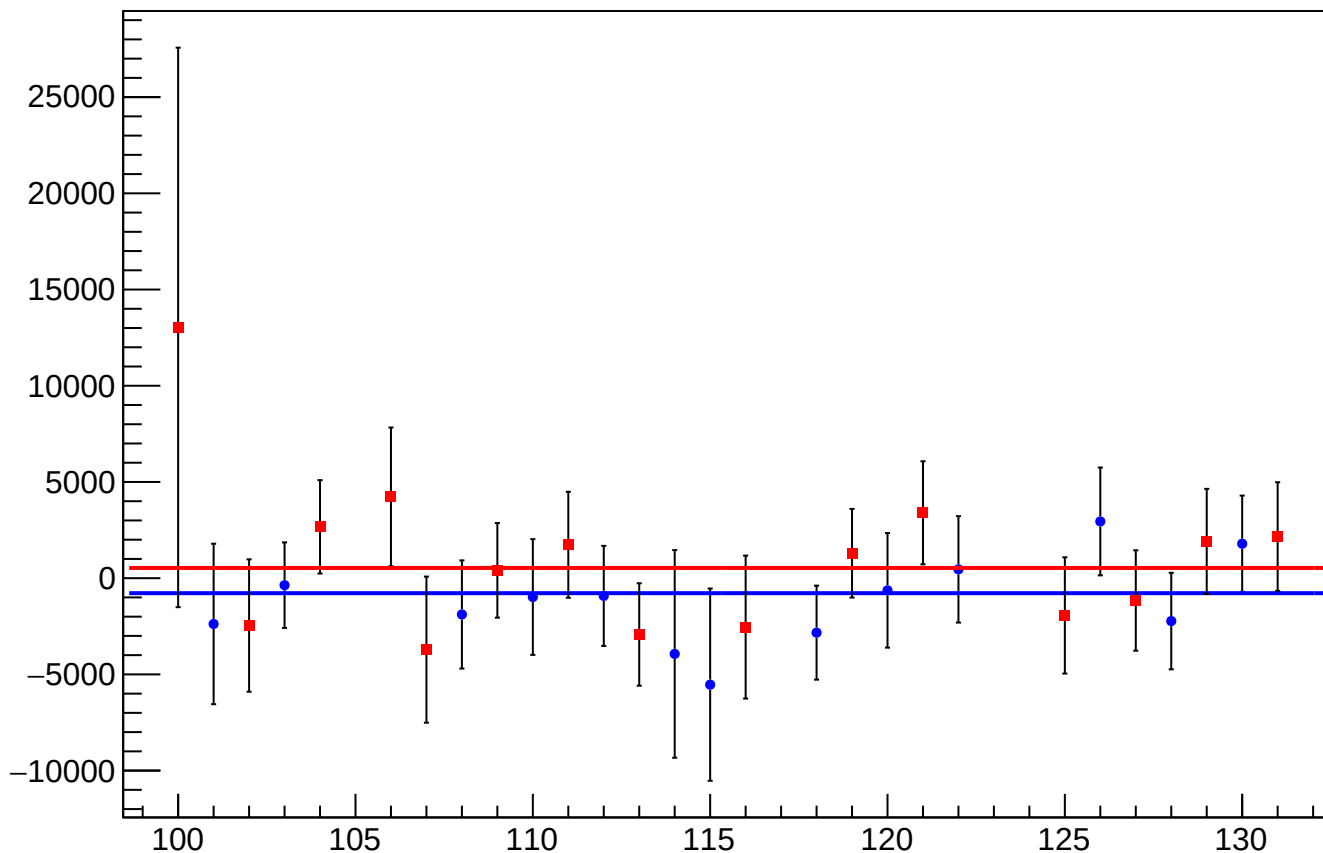
Right Out: 976.928+/-0.316 χ^2/NDF : 2582622.5/14

All: 1082.939+/-0.248 χ^2/NDF : 4114965.8/27

- 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: -779.511+/-796.389 χ^2 /NDF: 5.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 531.889+/-753.762 χ^2 /NDF: 10.1/14

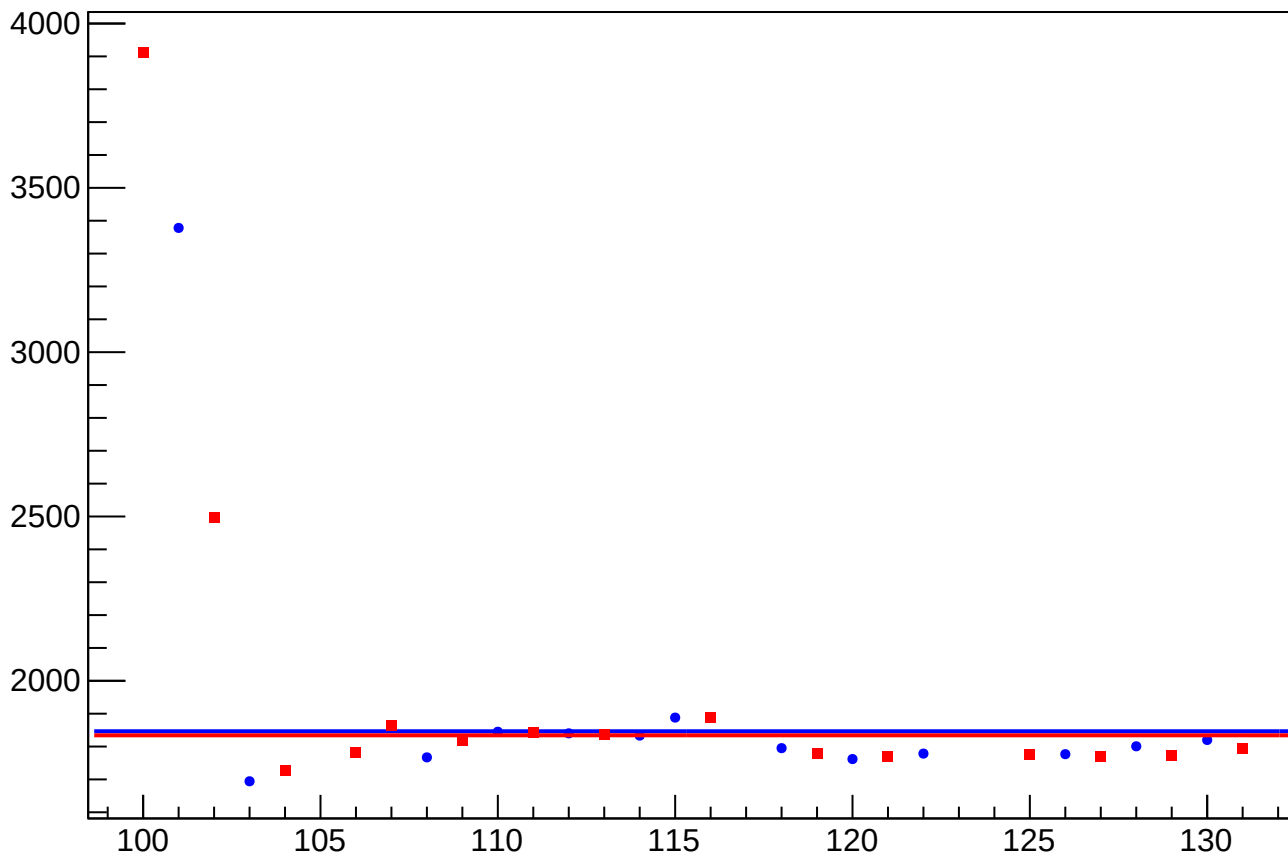
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -87.776+/-547.440 χ^2 /NDF: 17.2/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1846.445 $\pm$ 0.563 χ^2 /NDF: 286710.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1834.197 $\pm$ 0.533 χ^2 /NDF: 125857.2/14

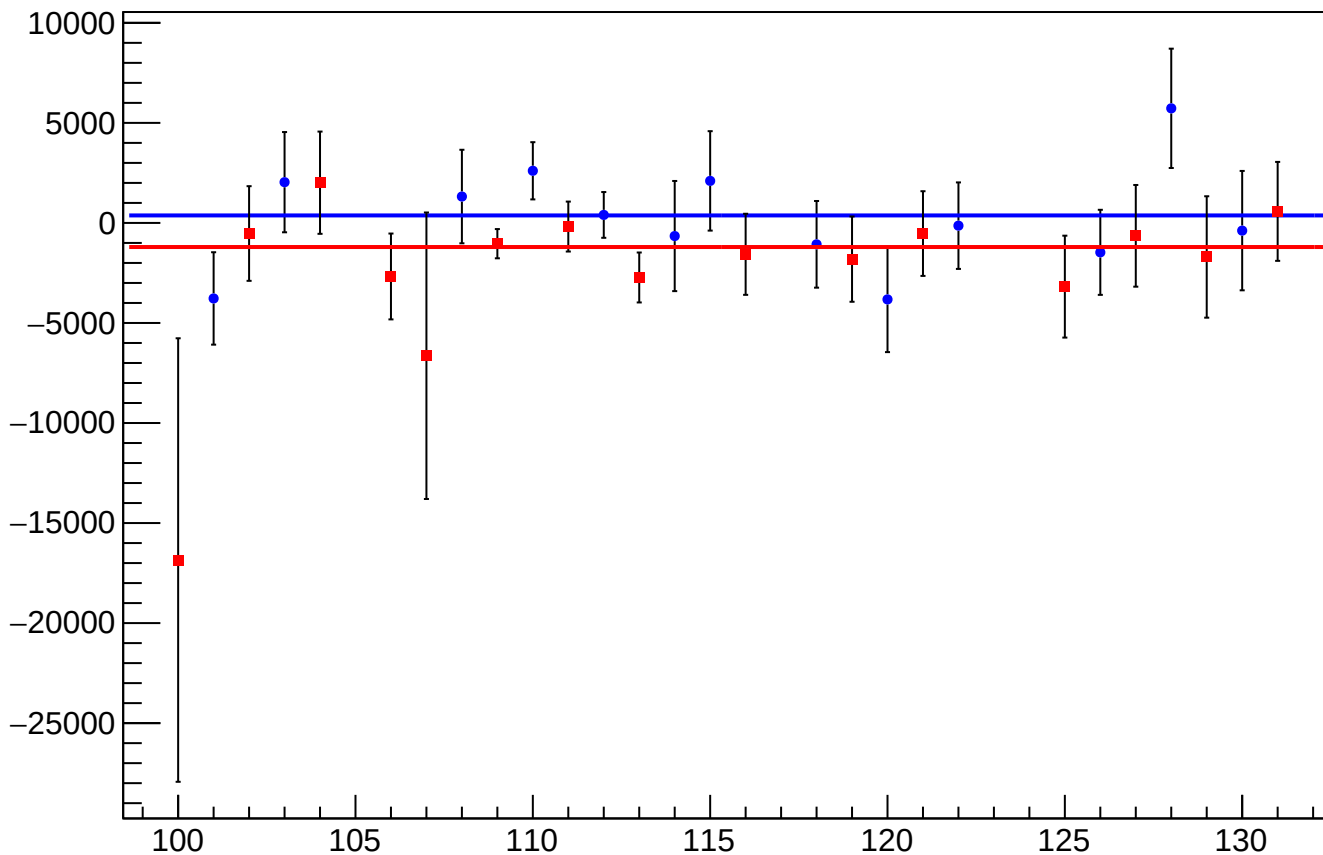
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1839.984 $\pm$ 0.387 χ^2 /NDF: 412817.3/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_correction_mean vs Slug



Right In: 374.902 ± 568.403 χ^2/NDF : 14.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1204.400 ± 447.092 χ^2/NDF : 8.3/14

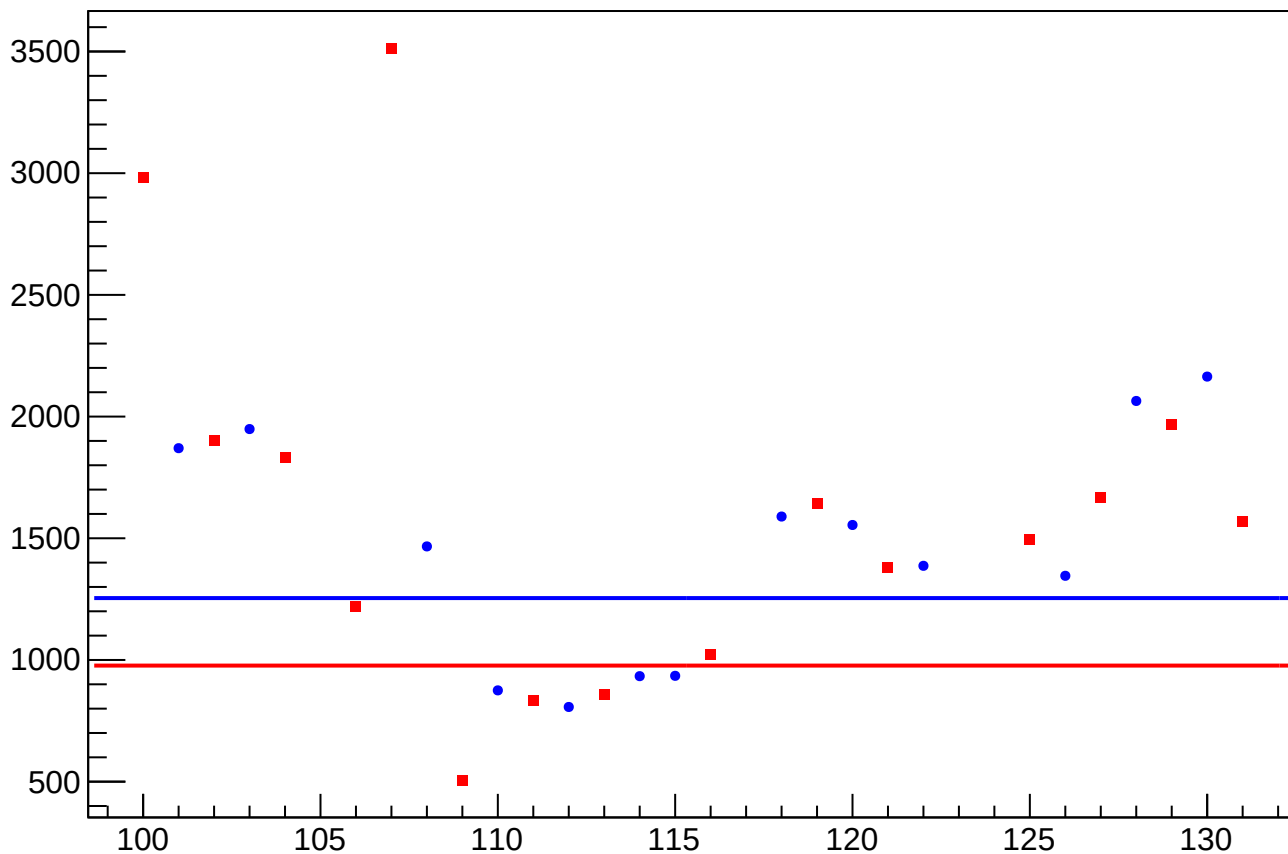
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -600.757 ± 351.410 χ^2/NDF : 27.1/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 1254.277+/-0.402 χ^2/NDF : 1238166.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

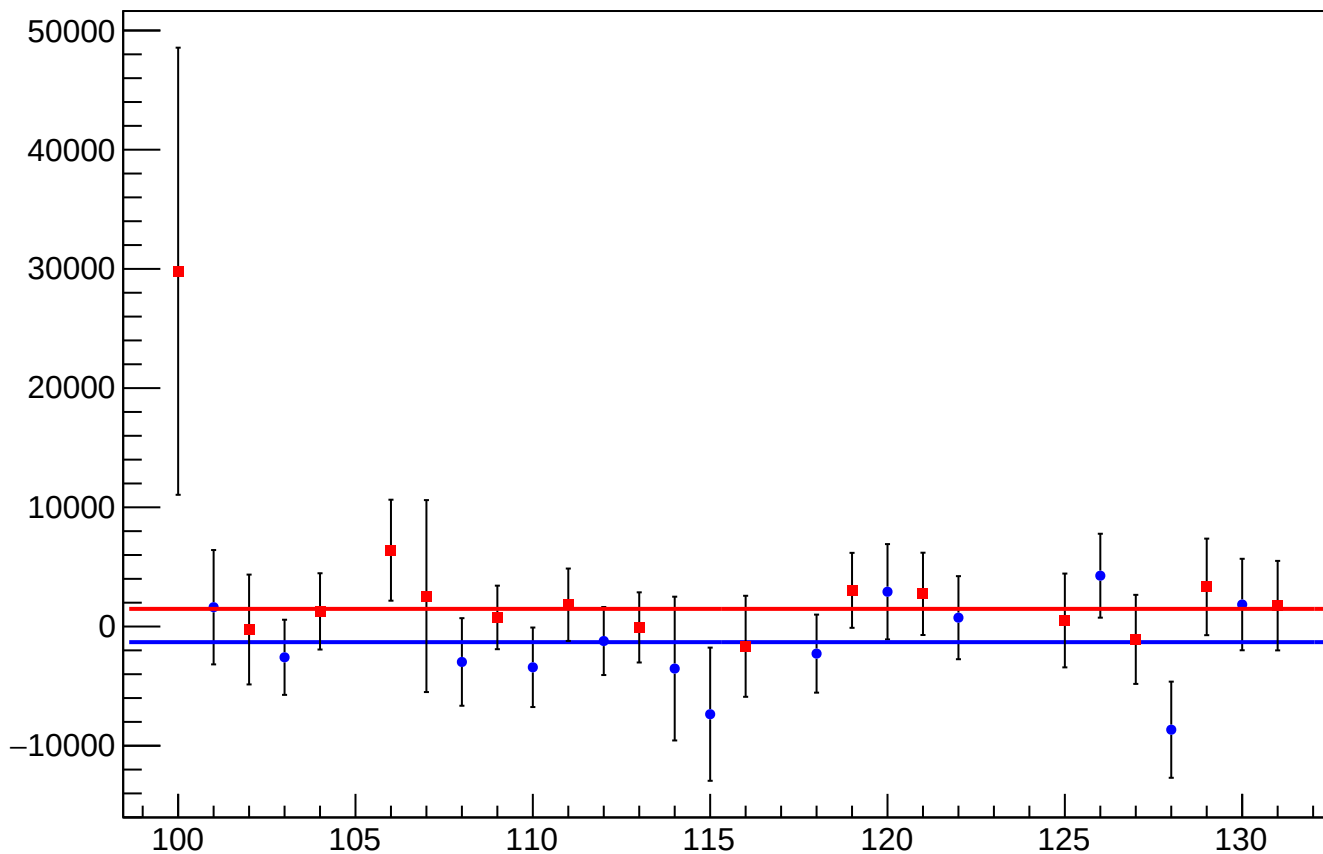
Right Out: 976.926+/-0.316 χ^2/NDF : 2582611.3/14

All: 1082.936+/-0.248 χ^2/NDF : 4114955.3/27

- 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: -1310.415+/-1032.043 χ^2/NDF : 10.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1480.563+/-956.744 χ^2/NDF : 5.8/14

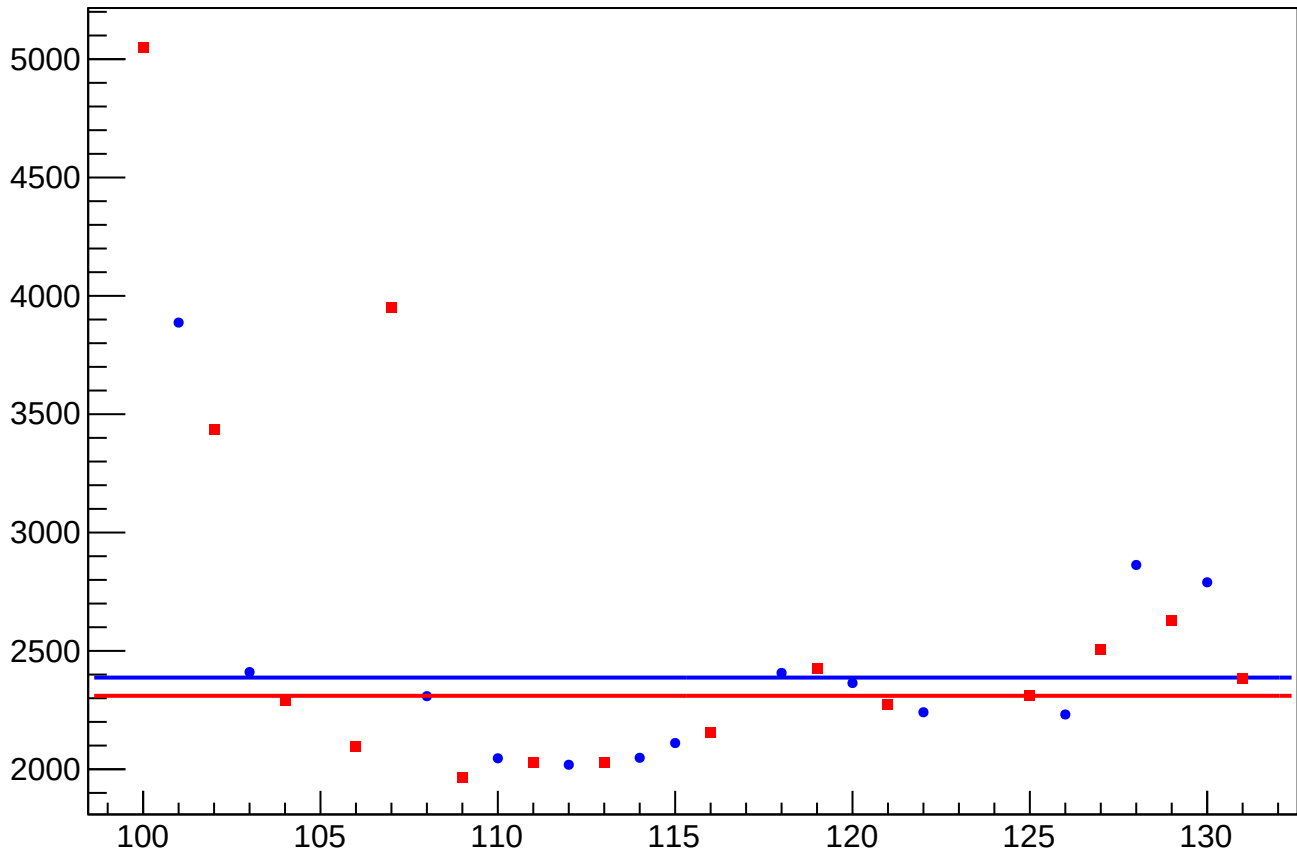
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.594+/-701.631 χ^2/NDF : 20.3/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 2387.243+/-0.730 χ^2/NDF : 319465.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

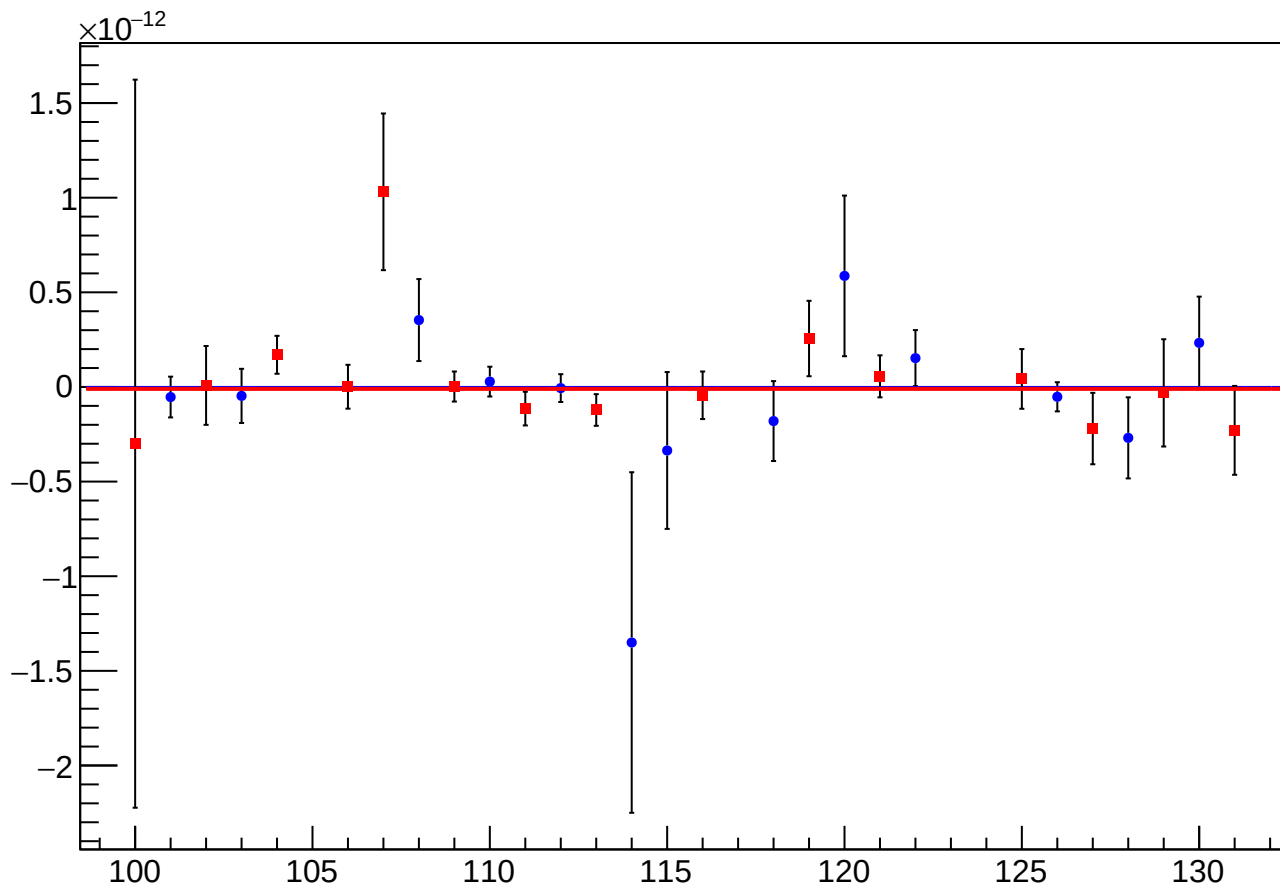
Right Out: 2310.215+/-0.677 χ^2/NDF : 343328.7/14

All: 2345.817+/-0.496 χ^2/NDF : 668785.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 12.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 17.2/14

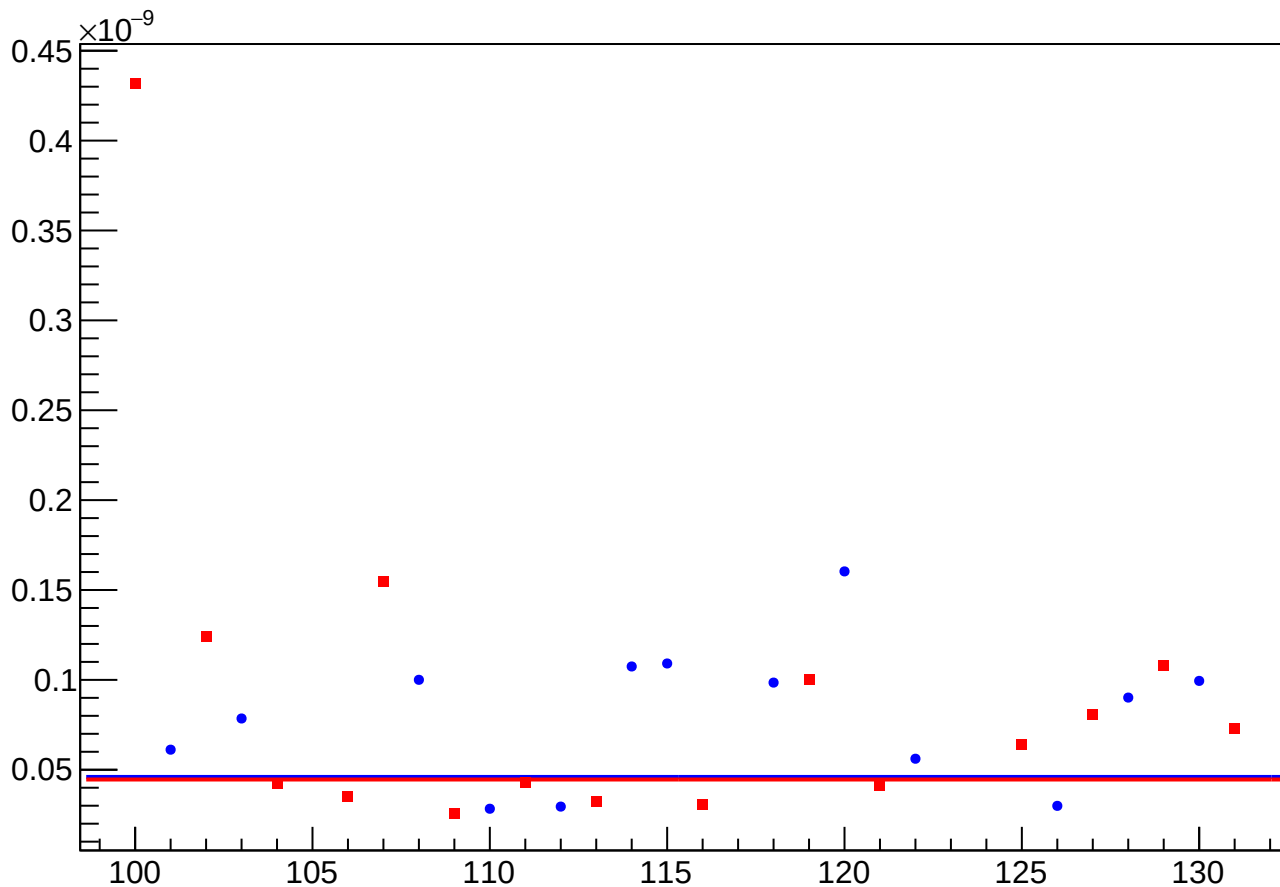
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 29.9/27

- 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 : 1071113.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1102460.3/14

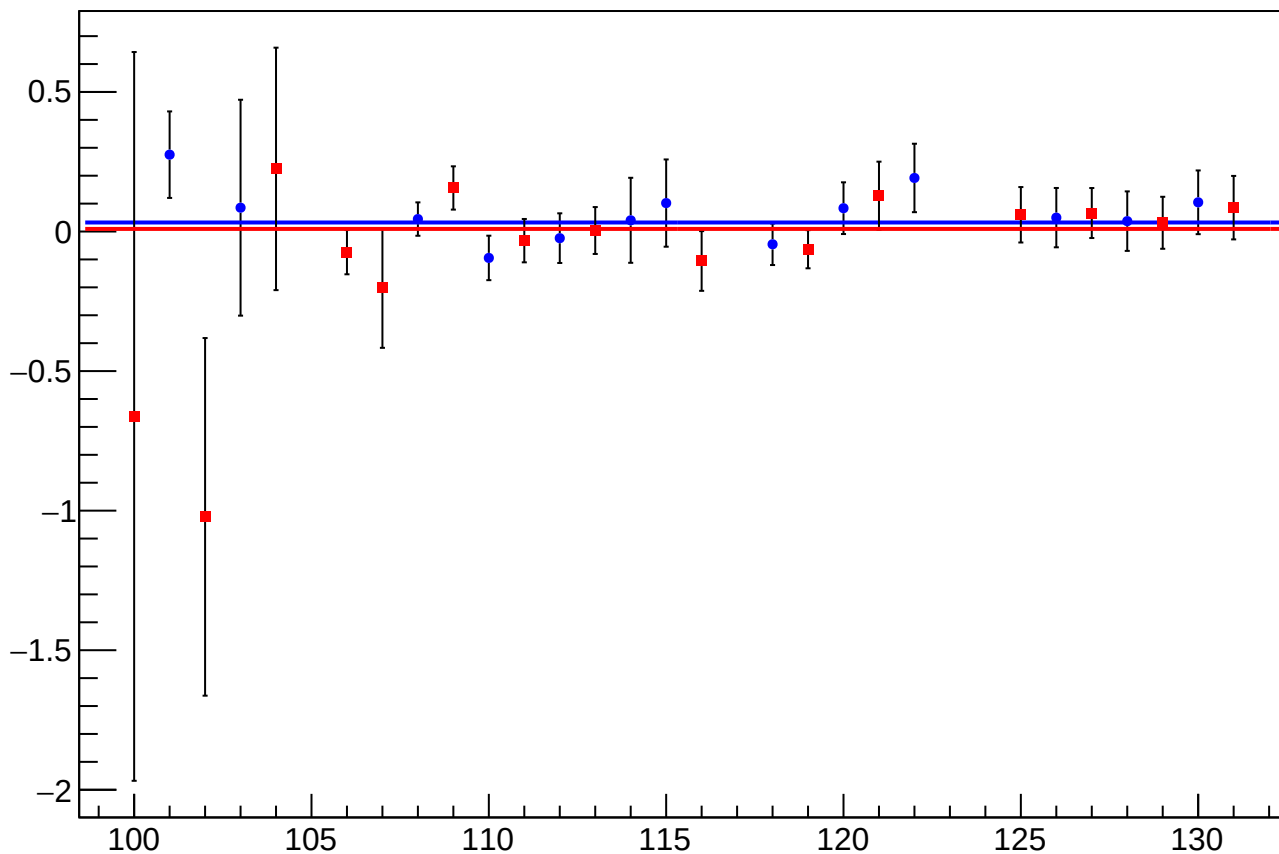
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2175287.6/27

- 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: 0.032 $\pm$ 0.028 χ^2 /NDF: 9.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.009 $\pm$ 0.026 χ^2 /NDF: 13.5/14

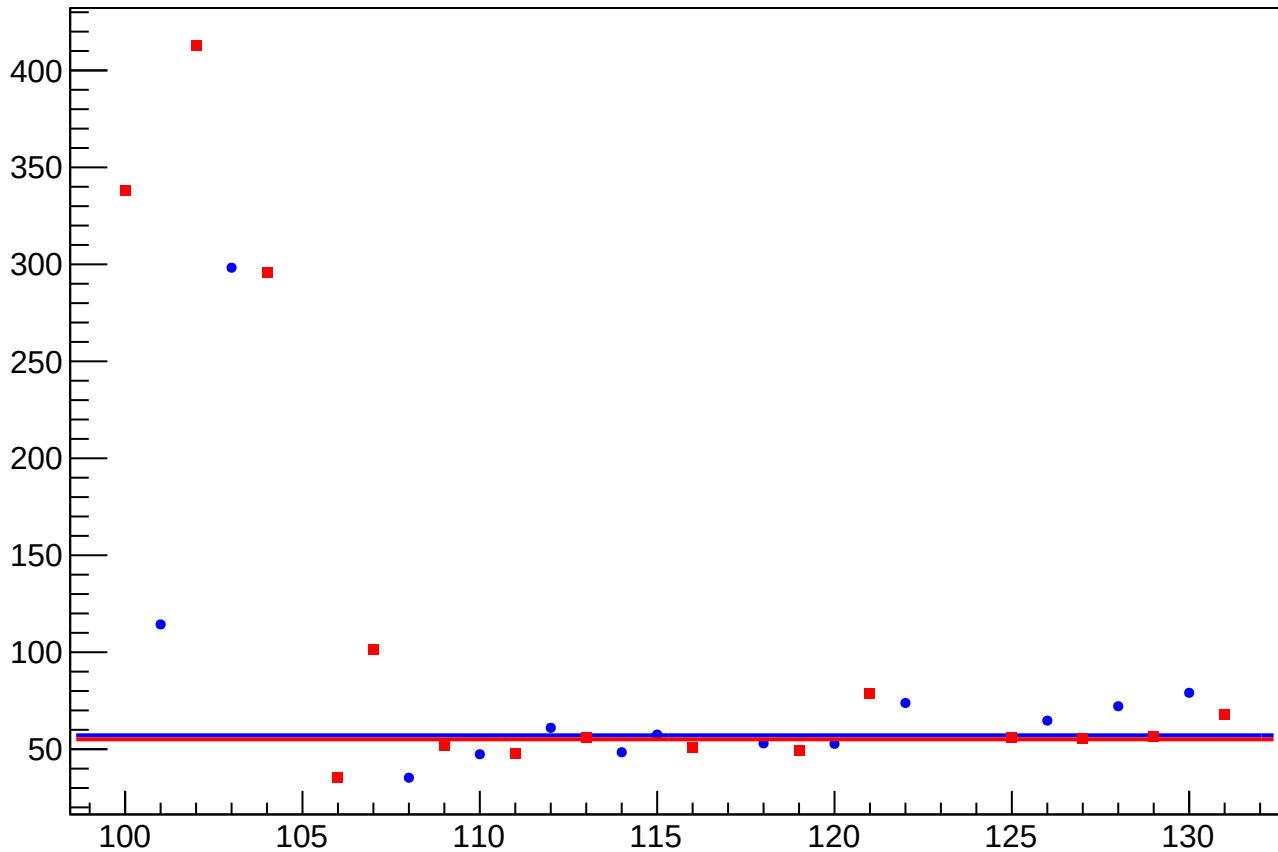
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.020 $\pm$ 0.019 χ^2 /NDF: 23.0/27

- 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: 57.160 $\pm$ 0.020 χ^2 /NDF: 1528623.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 55.084 $\pm$ 0.019 χ^2 /NDF: 1689376.0/14

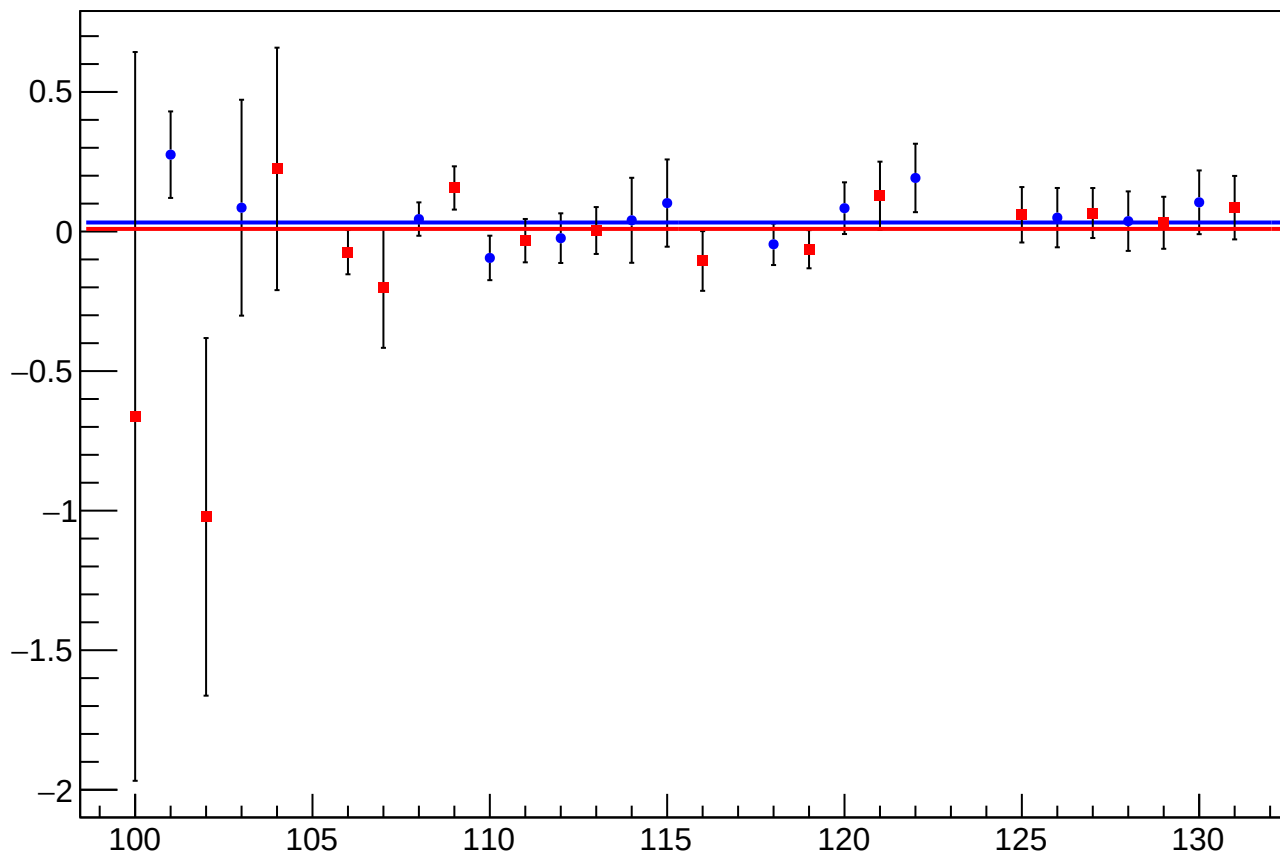
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 56.070 $\pm$ 0.013 χ^2 /NDF: 3223940.2/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.032 $\pm$ 0.028 χ^2 /NDF: 9.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.009 $\pm$ 0.026 χ^2 /NDF: 13.5/14

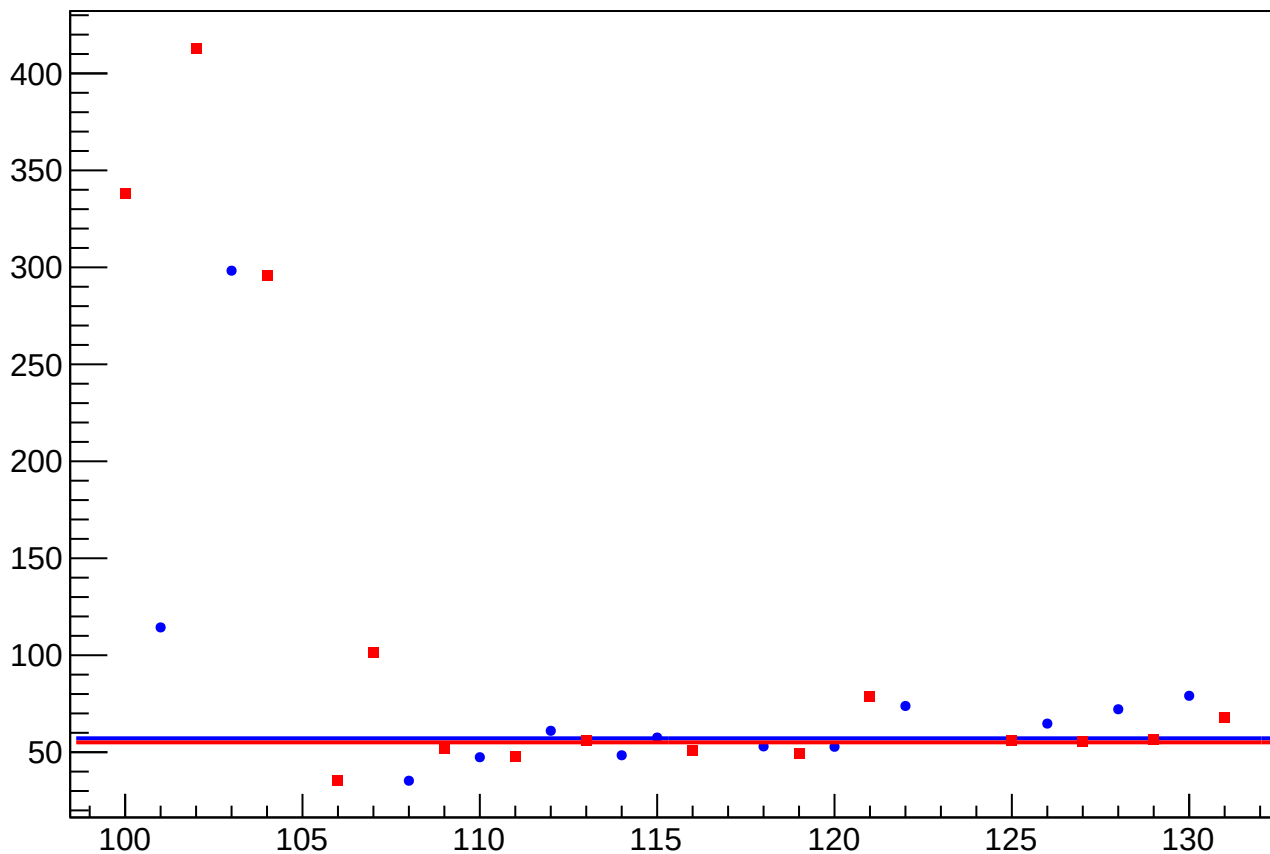
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.020 $\pm$ 0.019 χ^2 /NDF: 23.0/27

- 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: 57.160+/-0.020 χ^2/NDF : 1528623.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.084+/-0.019 χ^2/NDF : 1689376.0/14

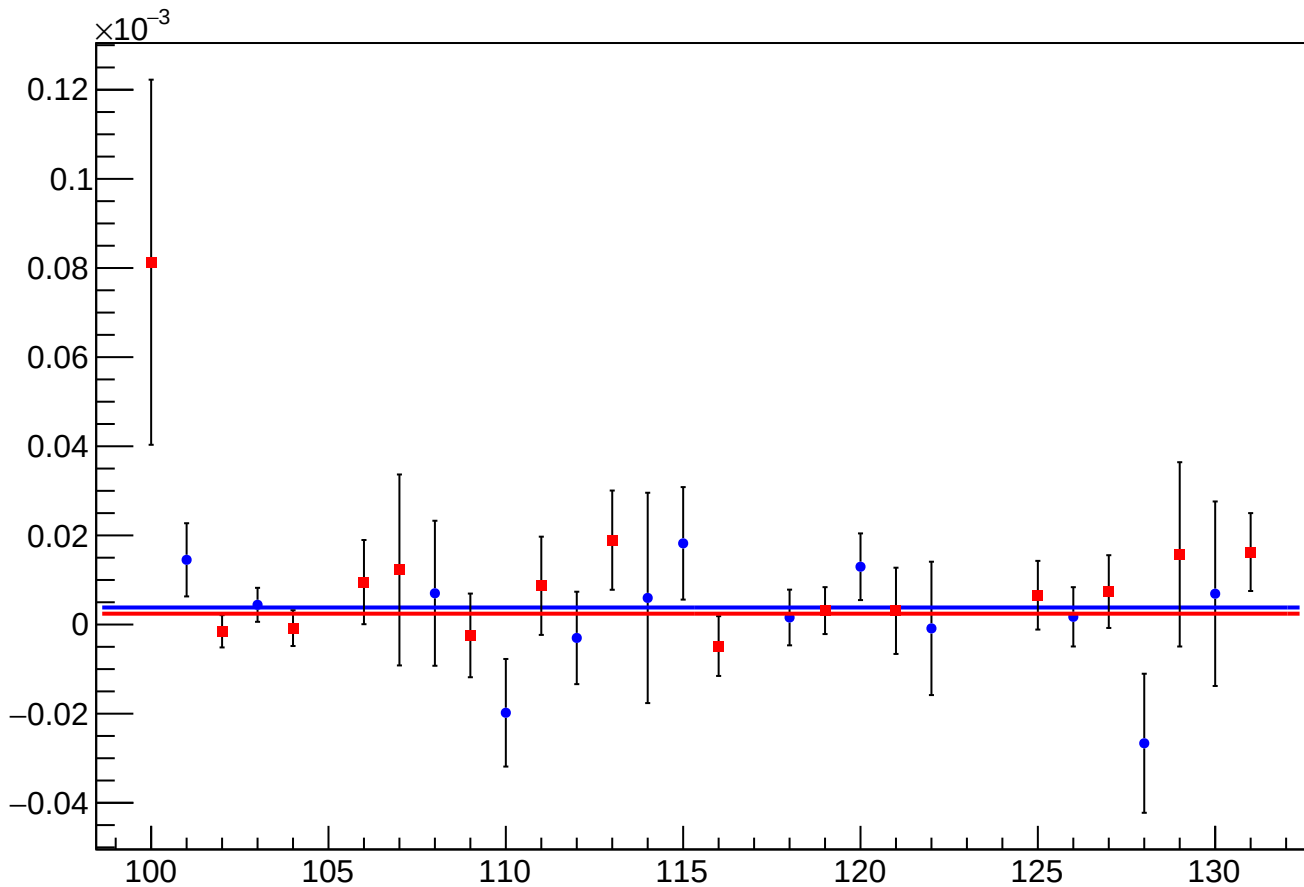
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.070+/-0.013 χ^2/NDF : 3223940.2/27

- 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: 13.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.9/14

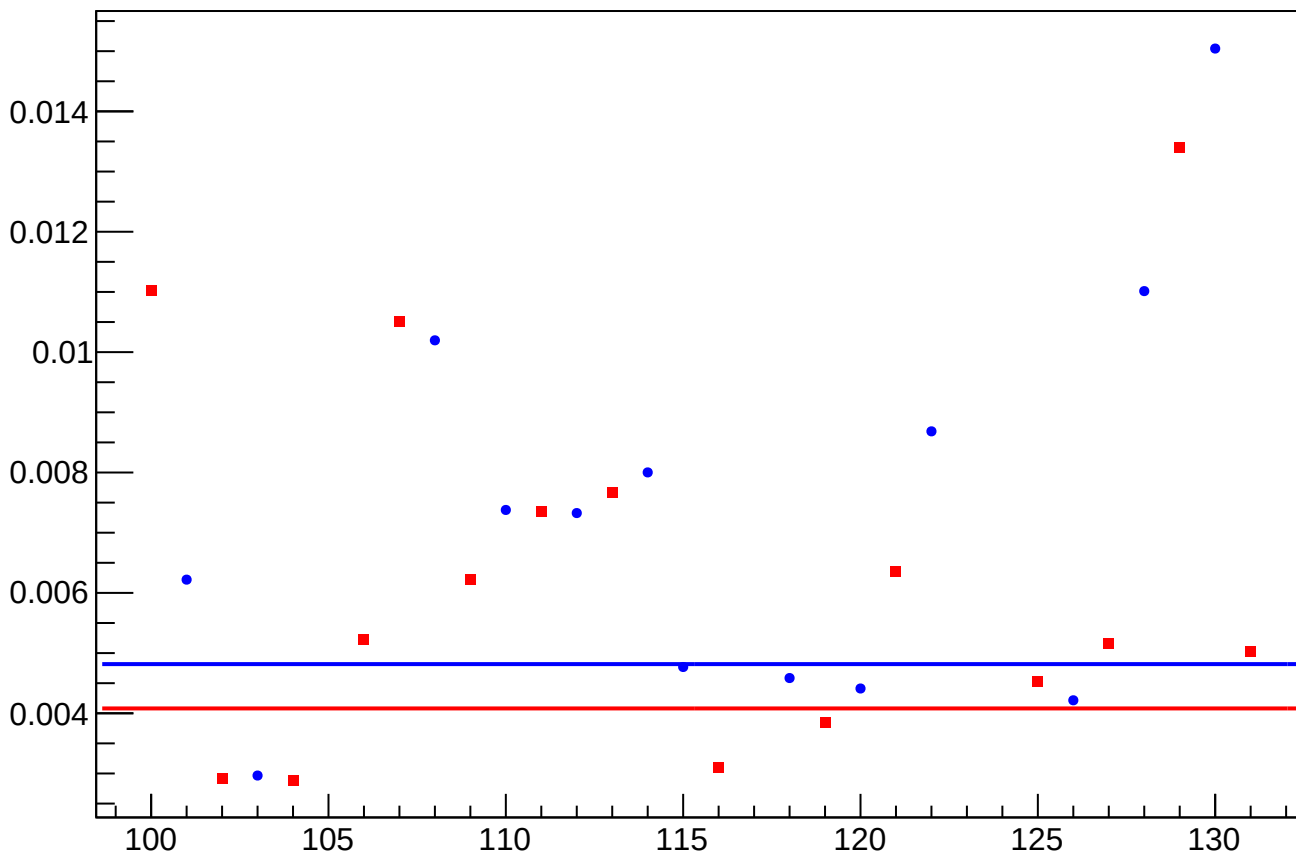
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 27.1/27

- 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 : 1954074.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1770723.0/14

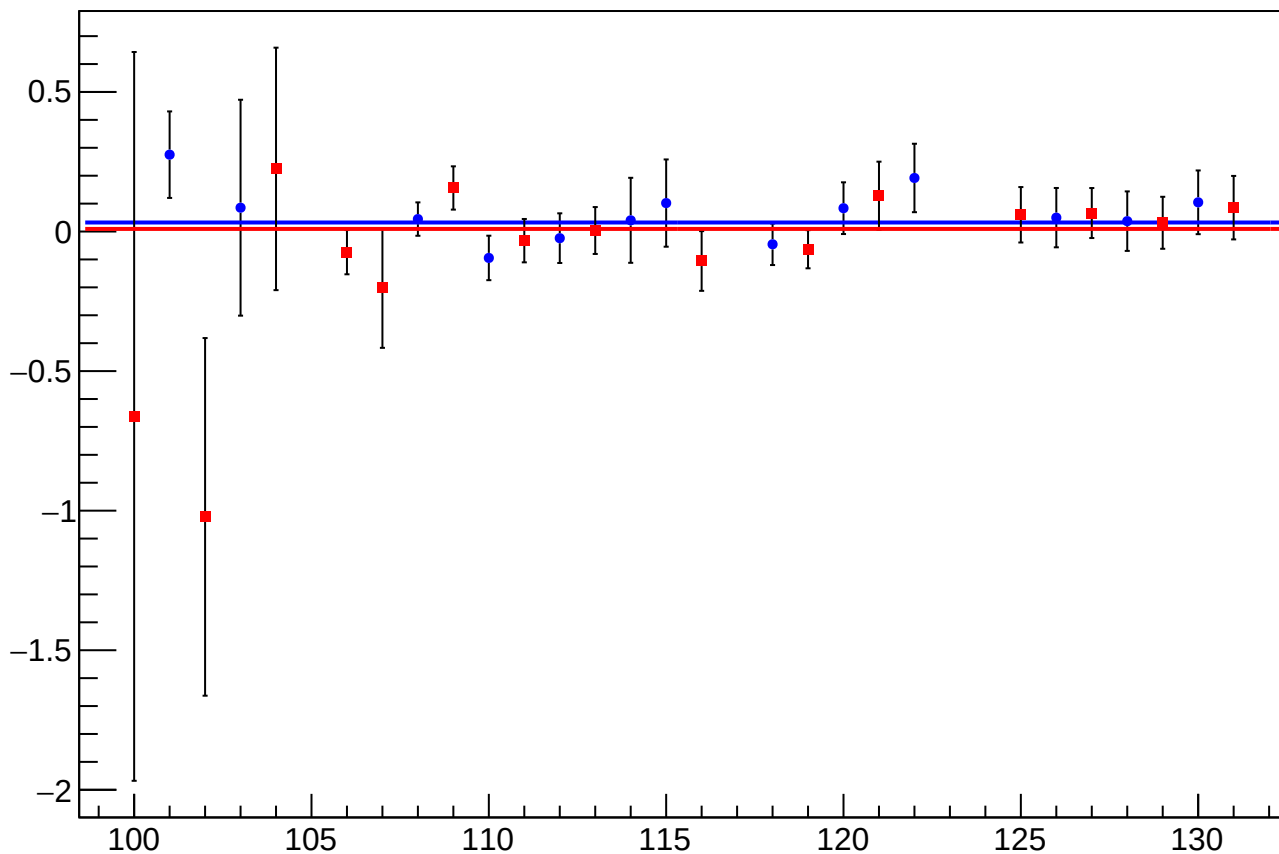
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 3849843.3/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.032 $\pm$ 0.028 χ^2 /NDF: 9.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.009 $\pm$ 0.026 χ^2 /NDF: 13.5/14

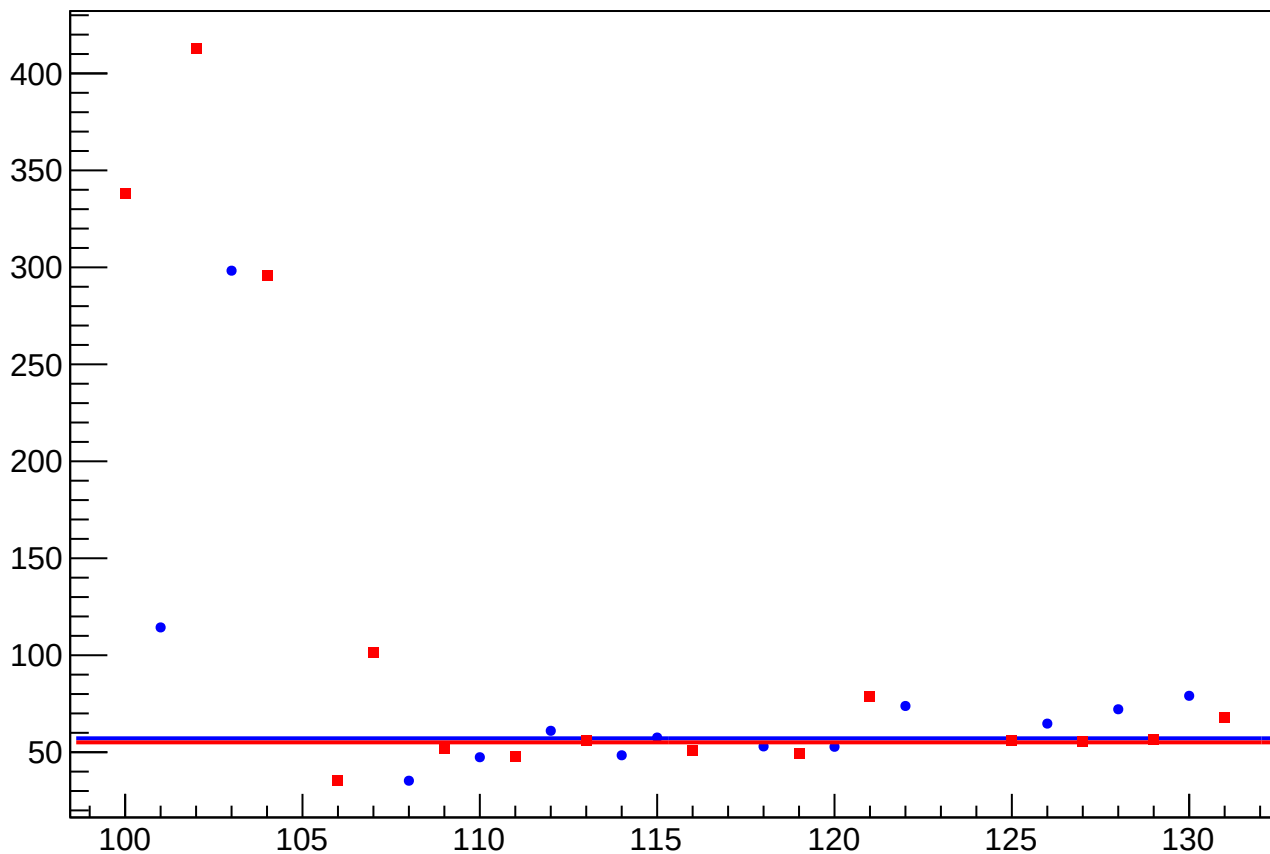
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.020 $\pm$ 0.019 χ^2 /NDF: 23.0/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 57.162 $\pm$ 0.020 χ^2 /NDF: 1528476.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 55.084 $\pm$ 0.019 χ^2 /NDF: 1689358.5/14

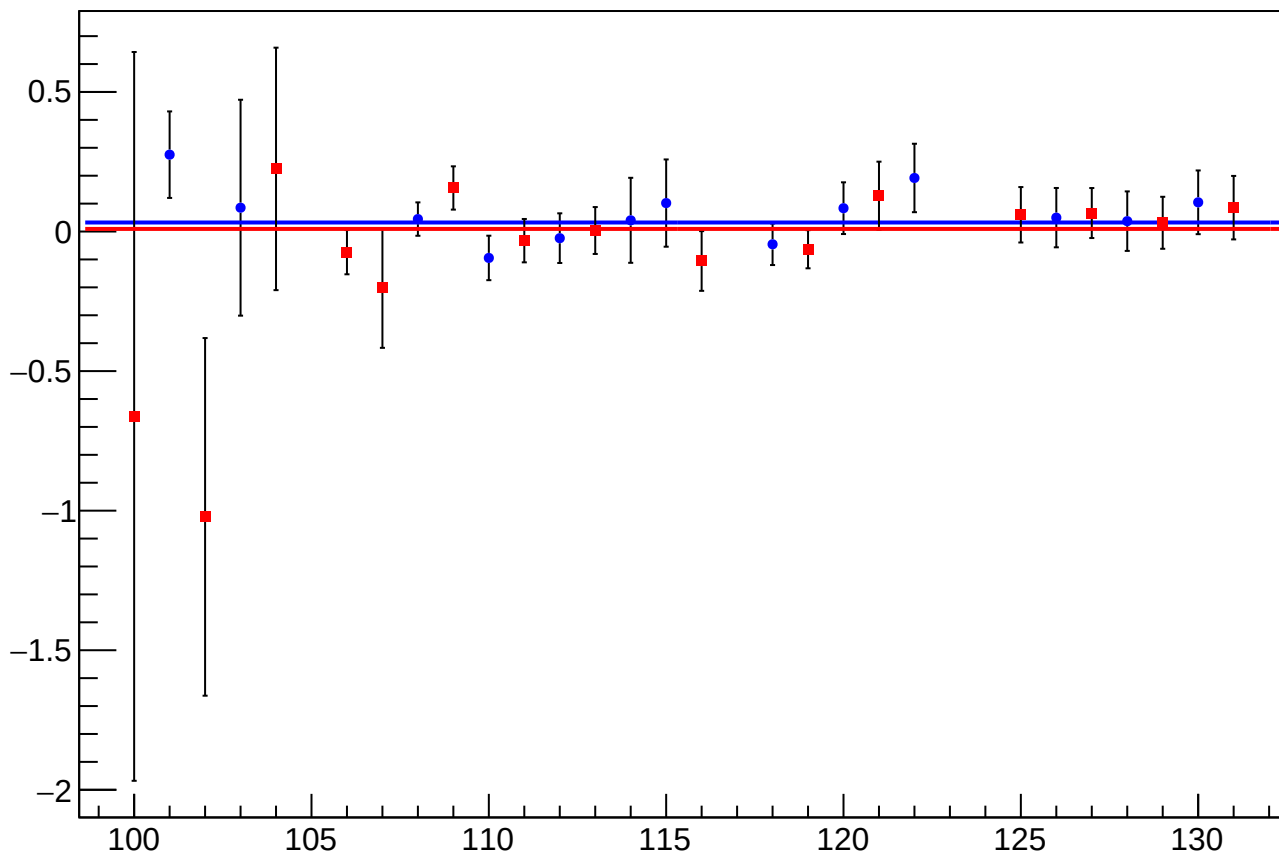
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 56.071 $\pm$ 0.013 χ^2 /NDF: 3223783.9/27

- 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: 0.032 $\pm$ 0.028 χ^2 /NDF: 9.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.009 $\pm$ 0.026 χ^2 /NDF: 13.5/14

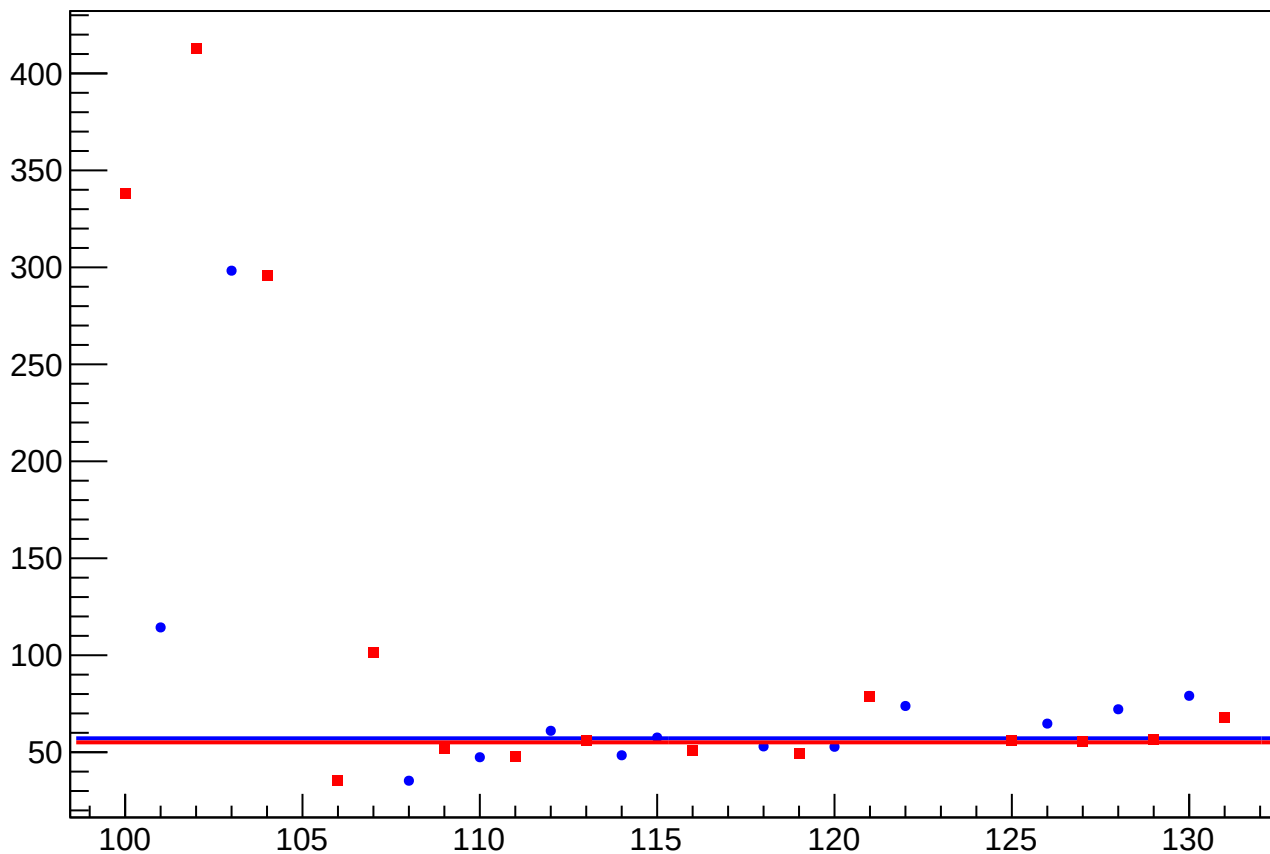
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.020 $\pm$ 0.019 χ^2 /NDF: 23.0/27

- 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: 57.162+/-0.020 χ^2/NDF : 1528476.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.084+/-0.019 χ^2/NDF : 1689358.5/14

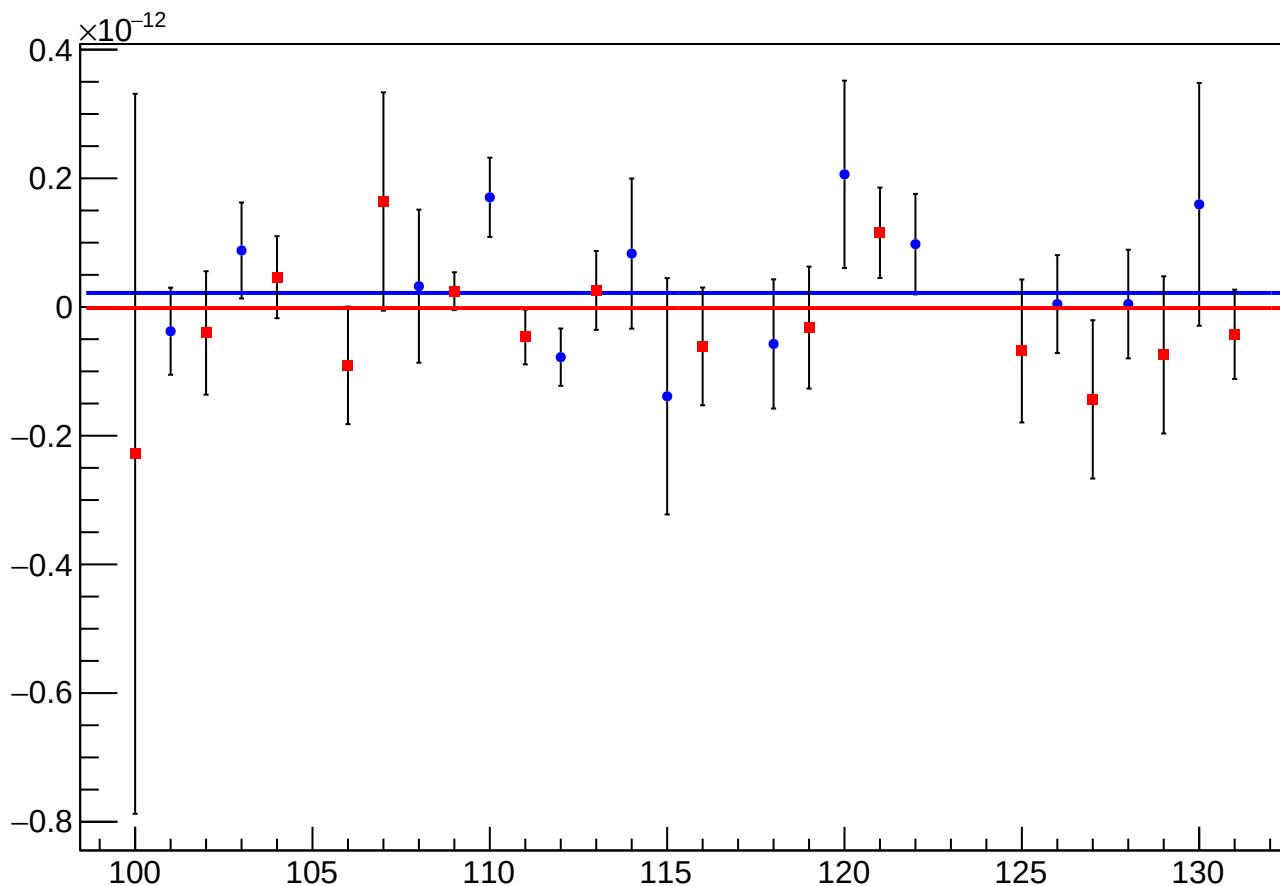
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.071+/-0.013 χ^2/NDF : 3223783.9/27

- 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: 17.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.6/14

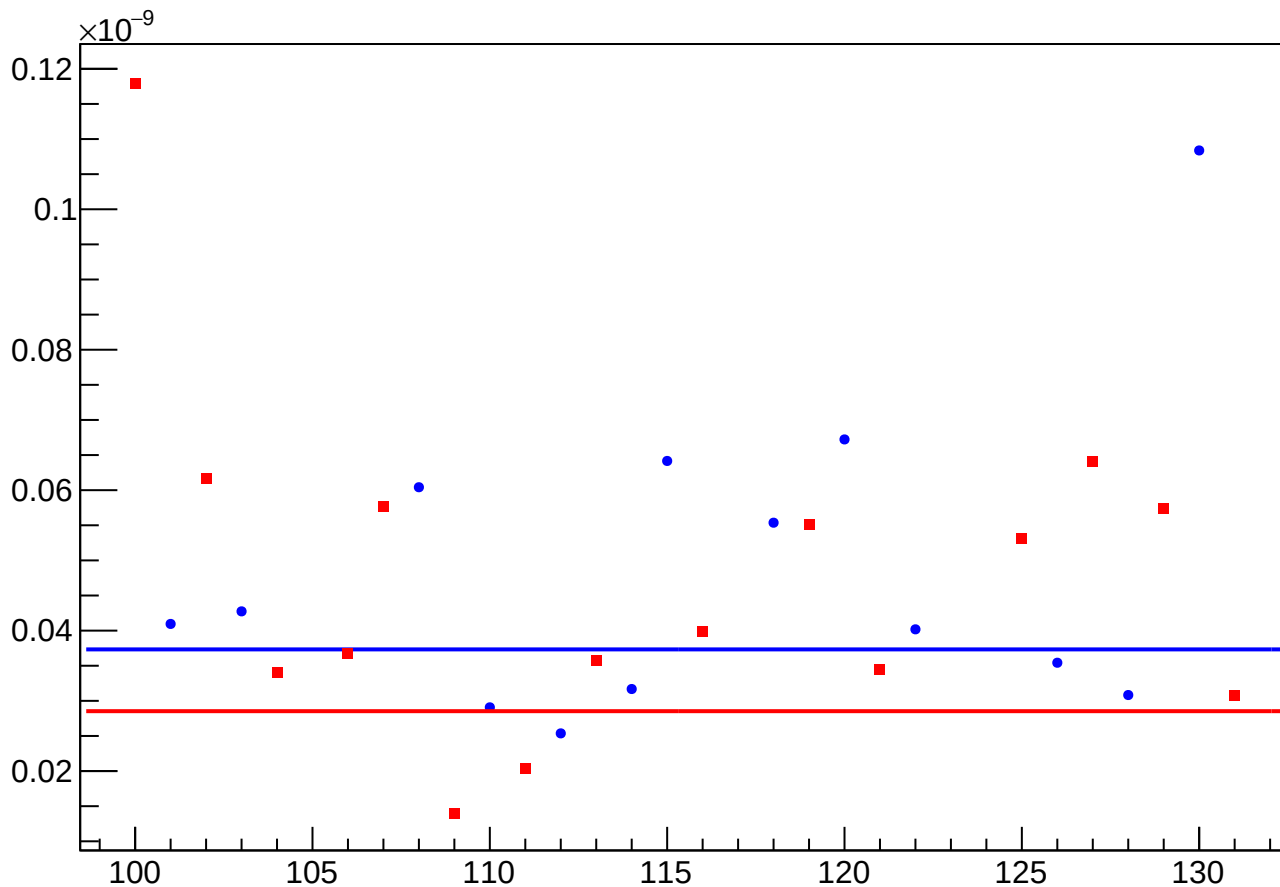
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 28.5/27

- 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 : 767412.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1552898.3/14

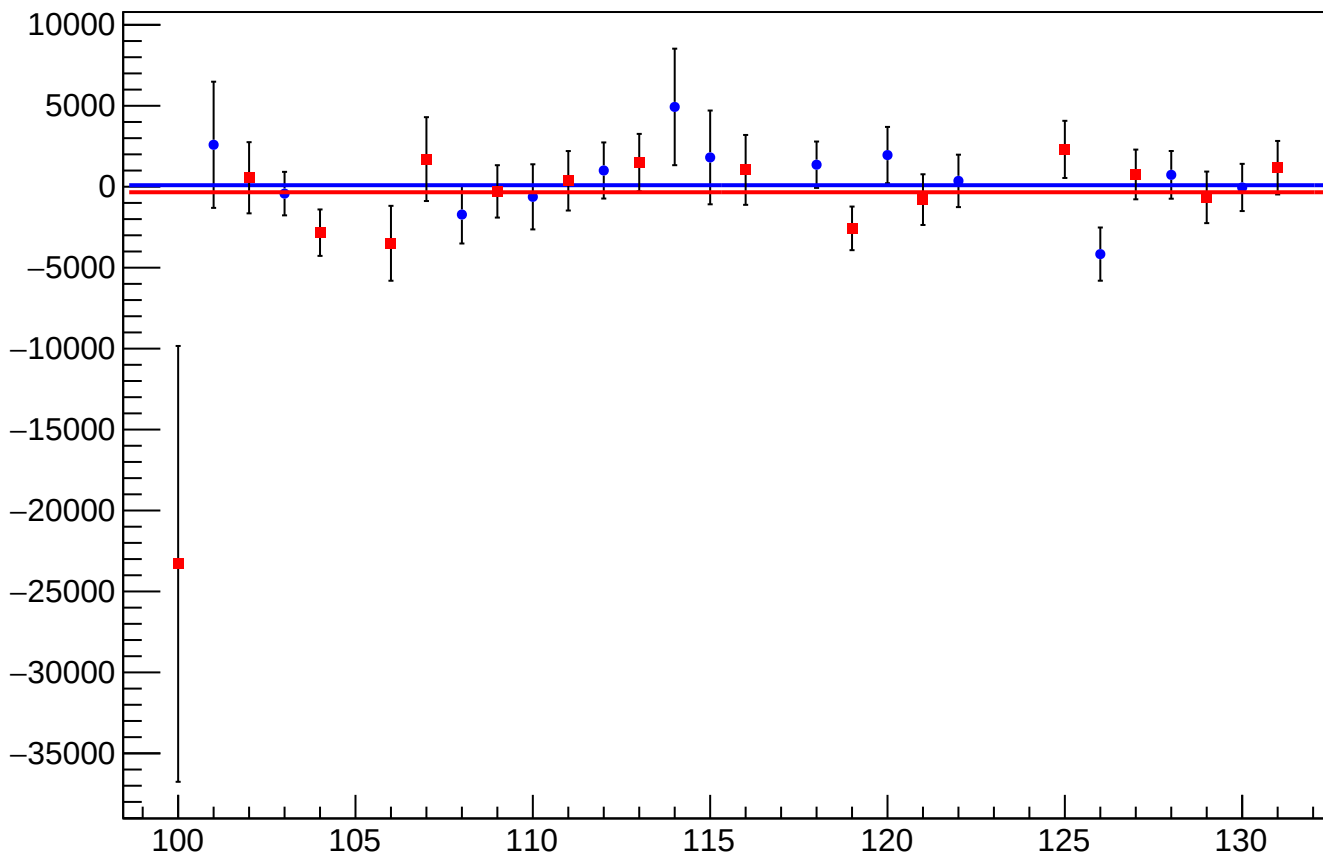
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2513425.7/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 94.408+/-487.390 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -340.408+/-460.755 χ^2/NDF : 16.7/14

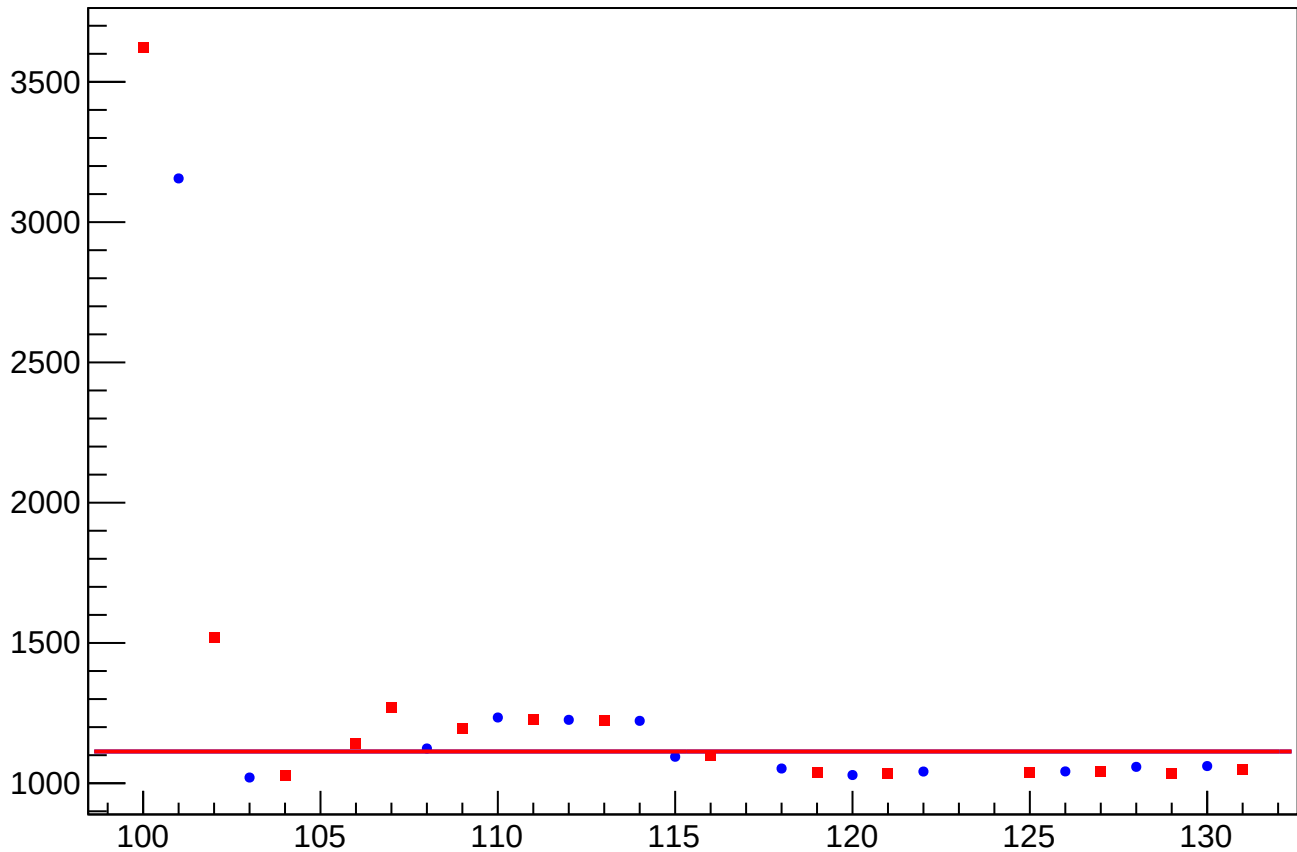
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -135.205+/-334.823 χ^2/NDF : 30.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1113.083+/-0.345 χ^2/NDF : 597933.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1113.203+/-0.326 χ^2/NDF : 200685.4/14

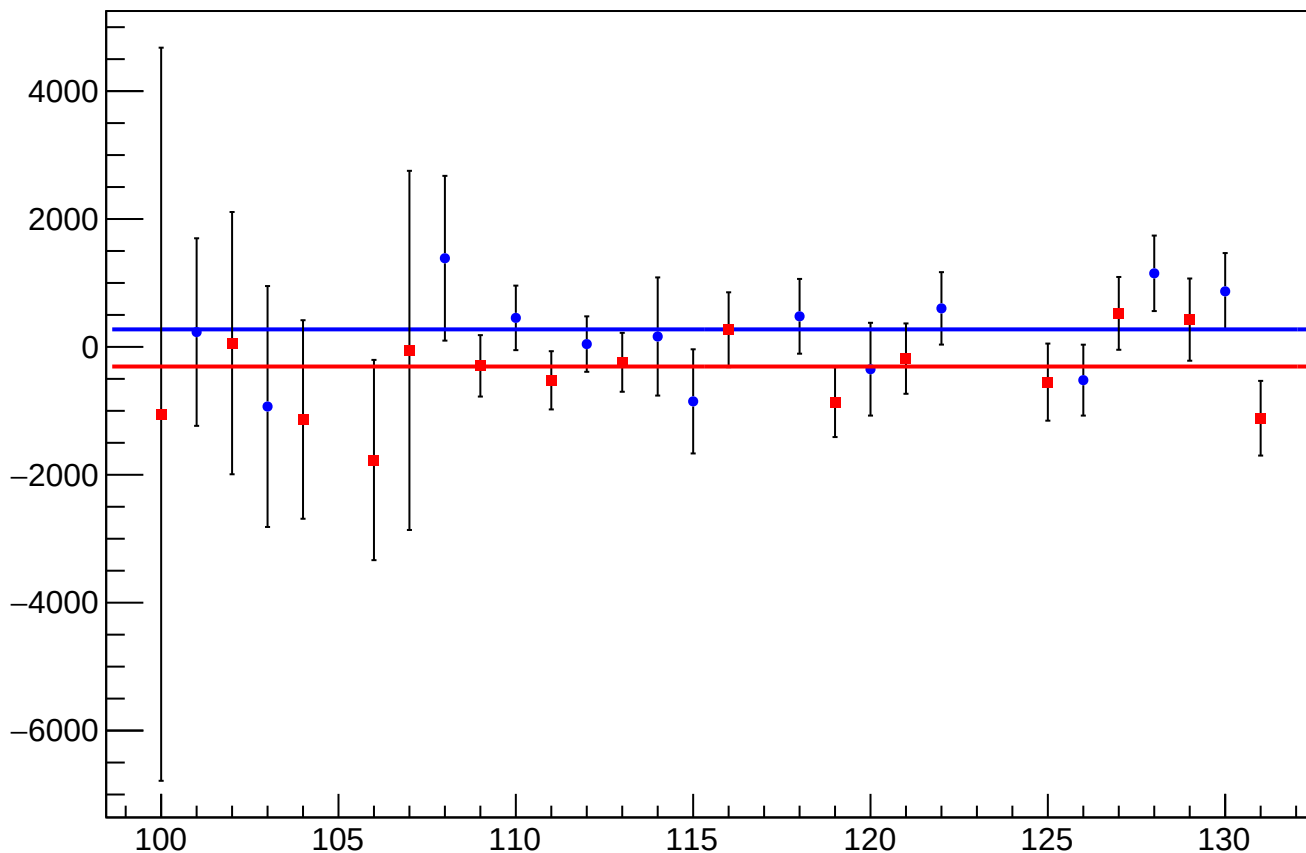
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1113.147+/-0.237 χ^2/NDF : 798619.3/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_reg_correction_mean vs Slug



Right In: 273.942 $\pm$ 182.186 χ^2 /NDF: 9.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -306.887 $\pm$ 167.031 χ^2 /NDF: 9.0/14

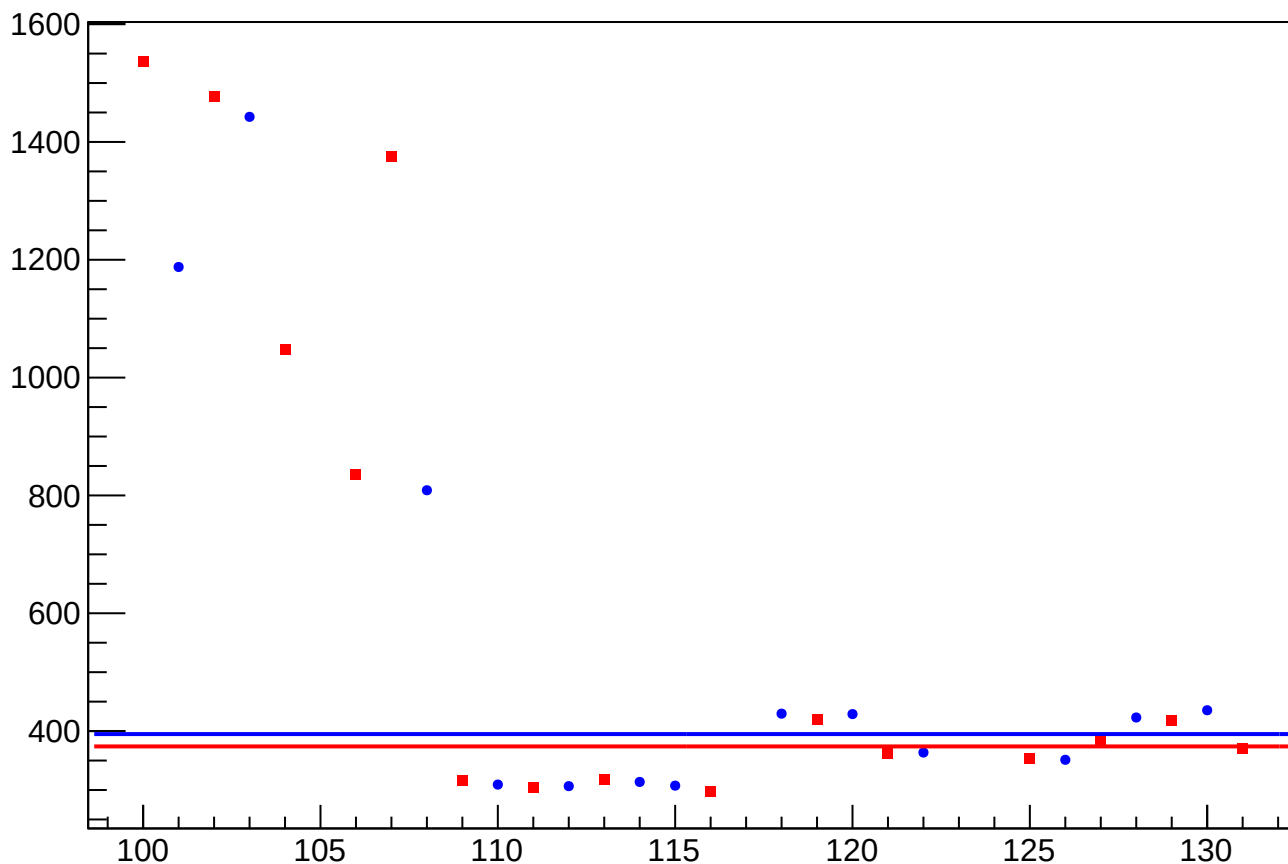
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -41.632 $\pm$ 123.118 χ^2 /NDF: 24.5/27

- 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: 394.912 $\pm$ 0.129 χ^2 /NDF: 1632437.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 373.972 $\pm$ 0.118 χ^2 /NDF: 1634968.8/14

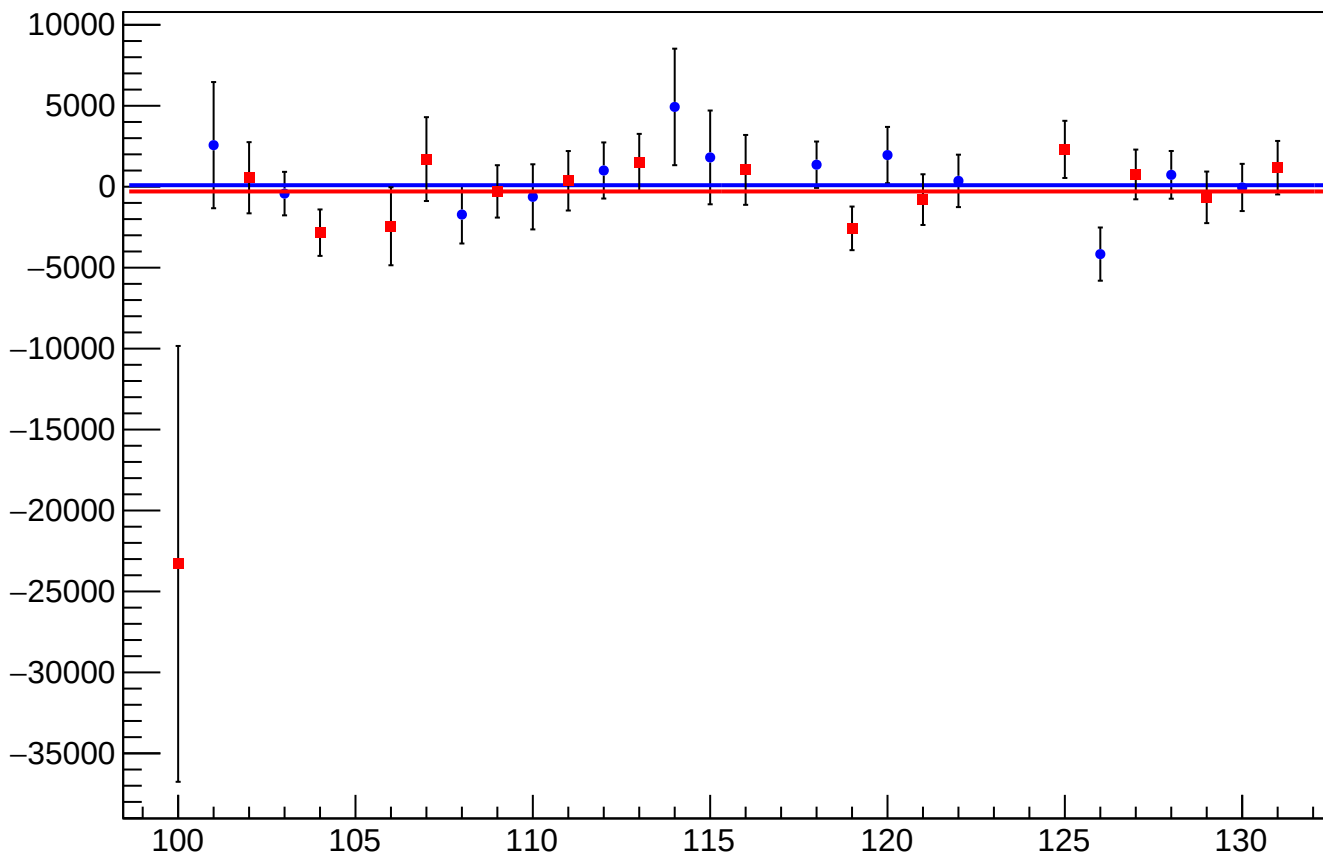
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 383.535 $\pm$ 0.087 χ^2 /NDF: 3281761.7/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 93.932+/-487.390 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -292.160+/-461.461 χ^2/NDF : 15.6/14

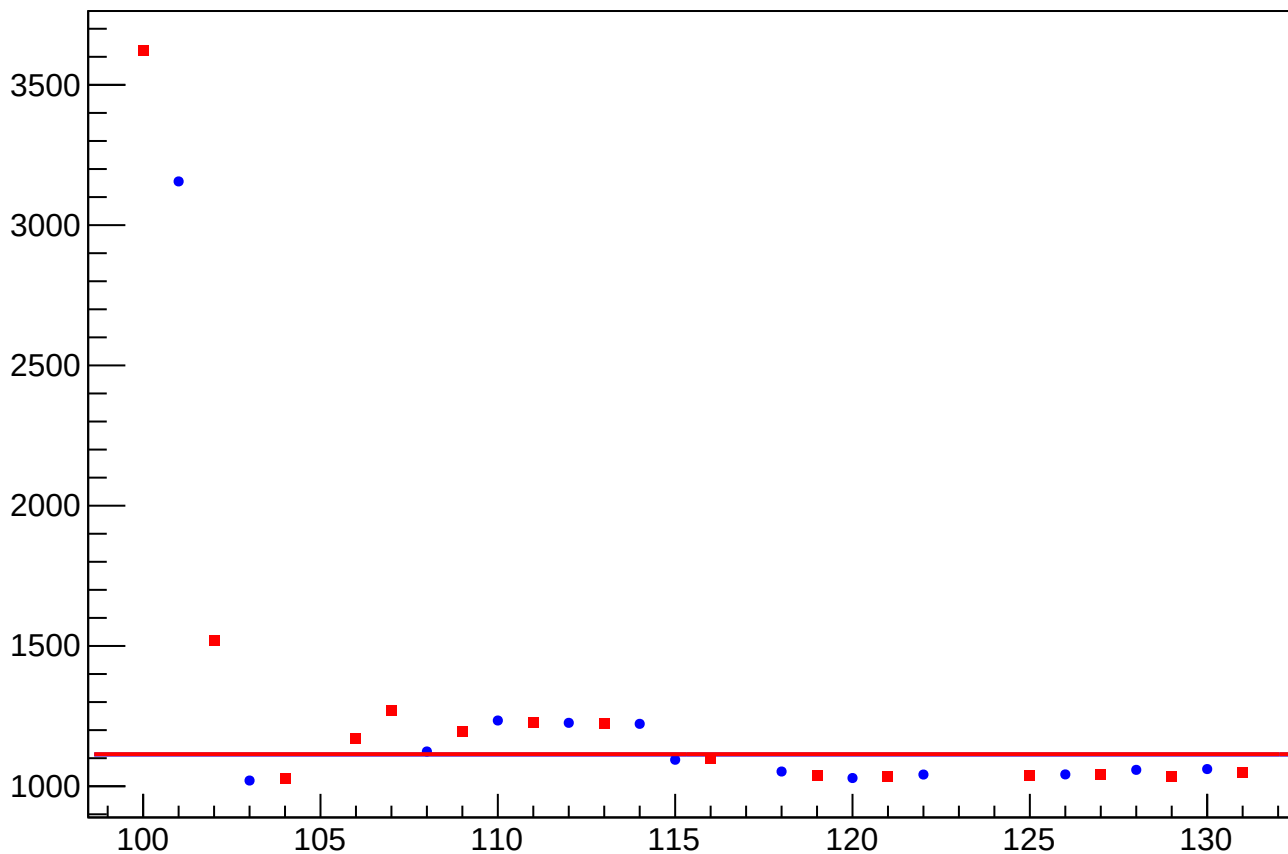
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -109.656+/-335.094 χ^2/NDF : 28.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1113.083+/-0.345 χ^2/NDF : 597934.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1114.271+/-0.326 χ^2/NDF : 201580.4/14

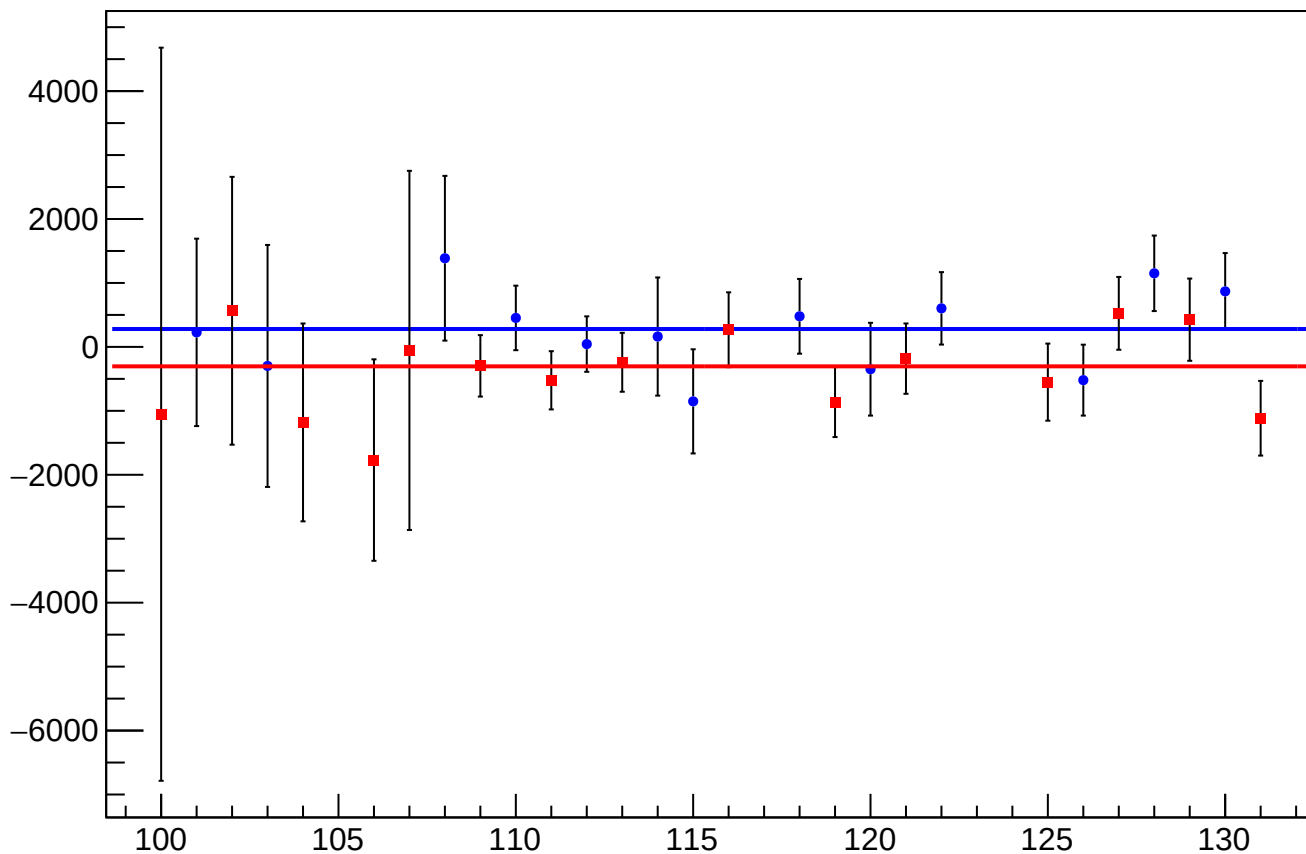
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1113.709+/-0.237 χ^2/NDF : 799521.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_cor_correction_mean vs Slug



Right In: 279.686 $\pm$ 182.190 χ^2 /NDF: 9.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -304.256 $\pm$ 167.060 χ^2 /NDF: 9.2/14

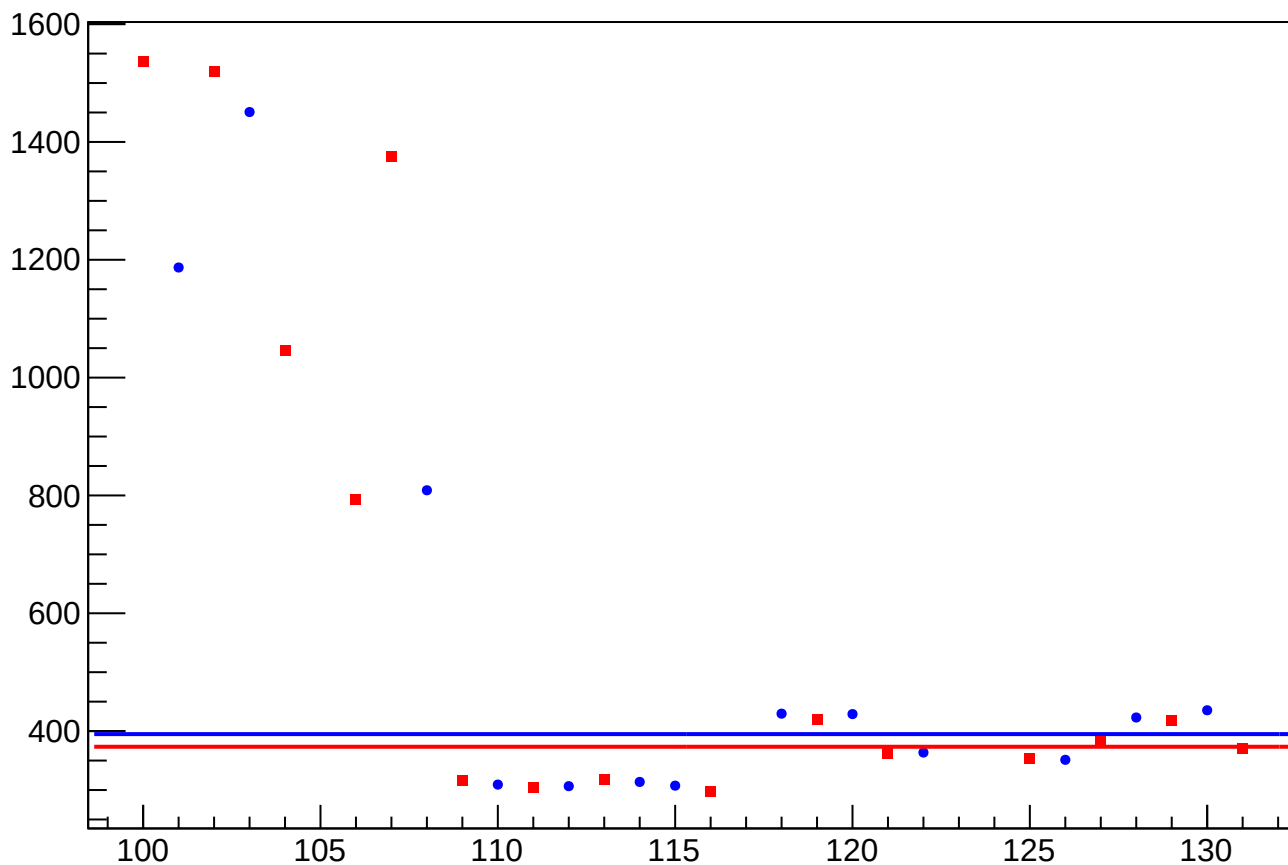
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -37.535 $\pm$ 123.131 χ^2 /NDF: 24.4/27

- 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: 394.903+/-0.129 χ^2/NDF : 1636106.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 373.438+/-0.118 χ^2/NDF : 1622105.3/14

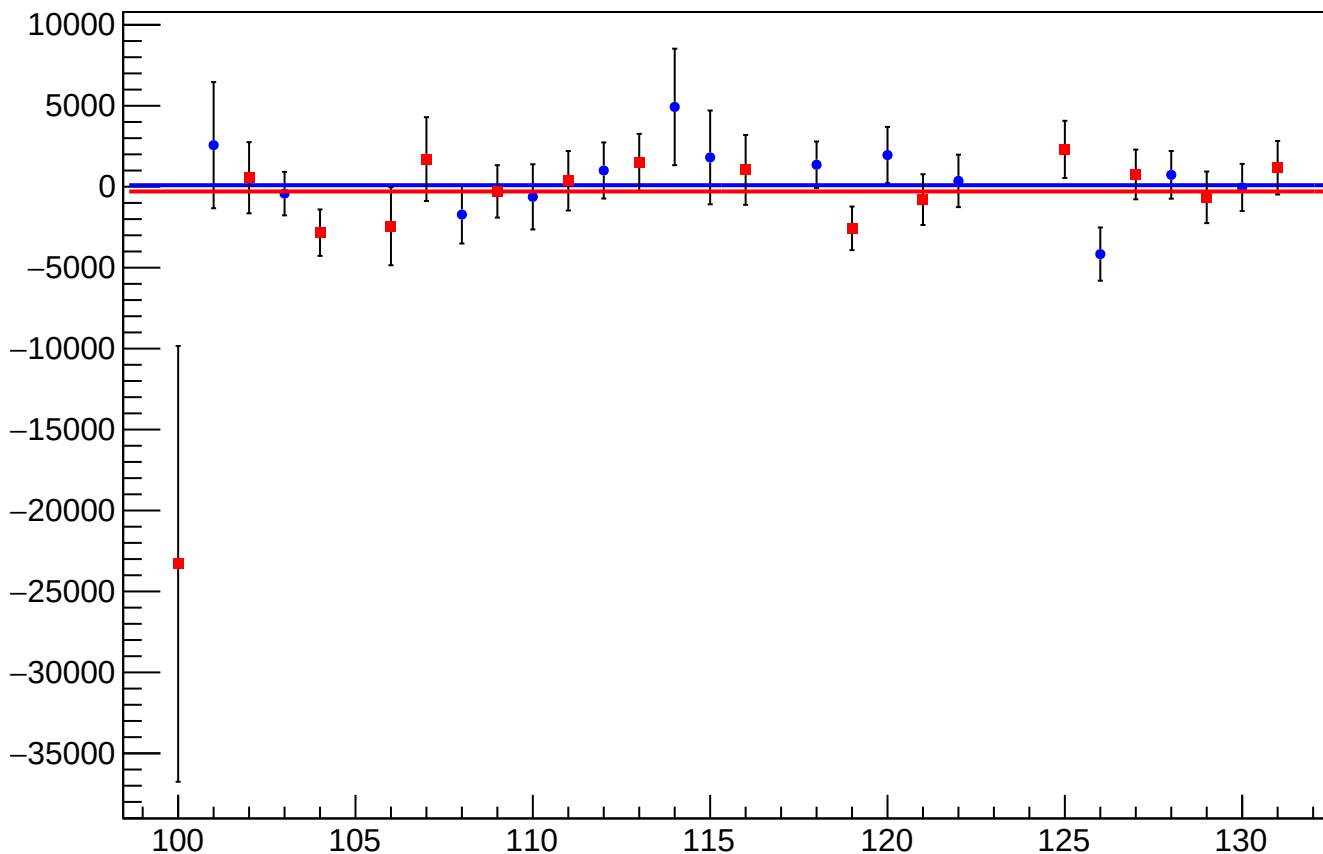
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 383.242+/-0.087 χ^2/NDF : 3273292.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 93.932+/-487.390 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -292.160+/-461.461 χ^2/NDF : 15.6/14

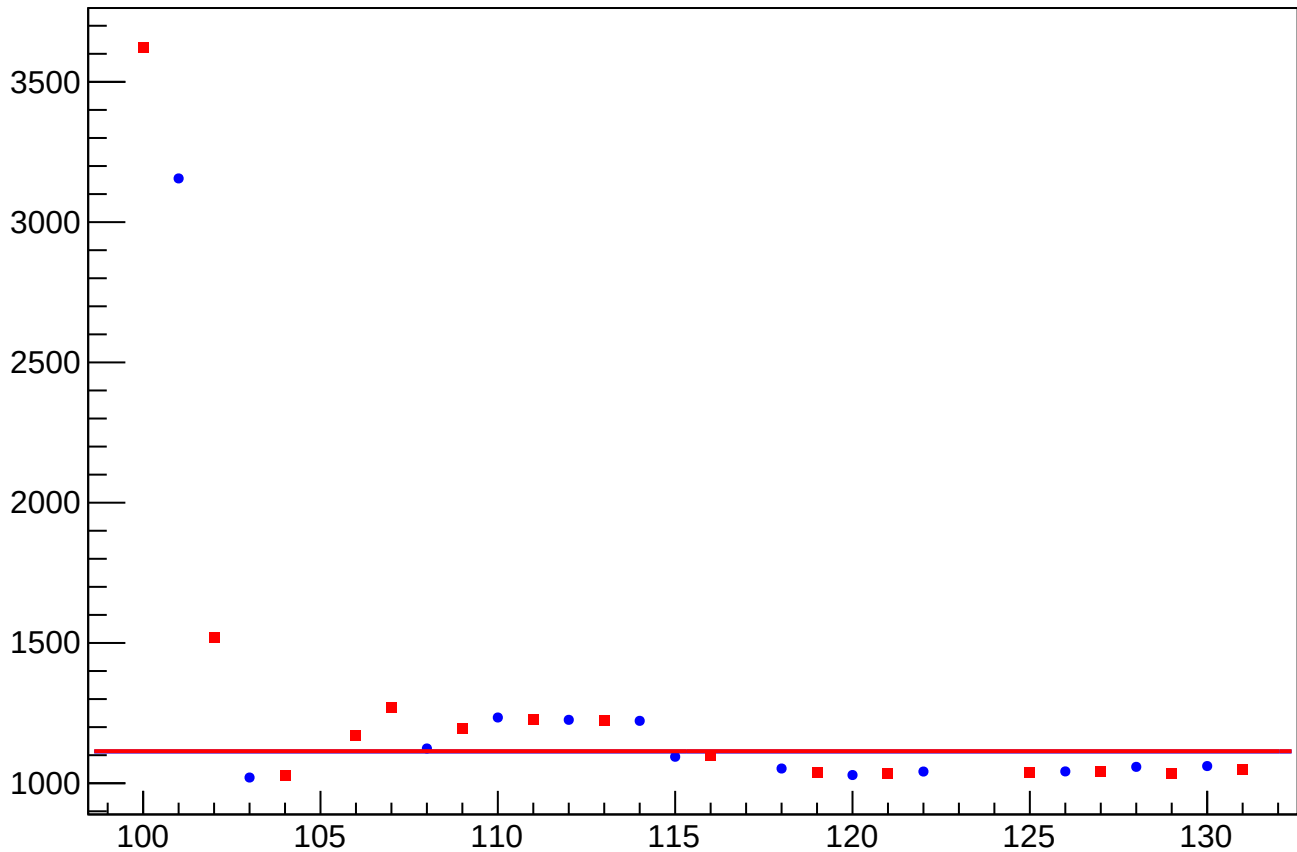
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -109.656+/-335.094 χ^2/NDF : 28.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1113.083+/-0.345 χ^2/NDF : 597934.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1114.271+/-0.326 χ^2/NDF : 201580.4/14

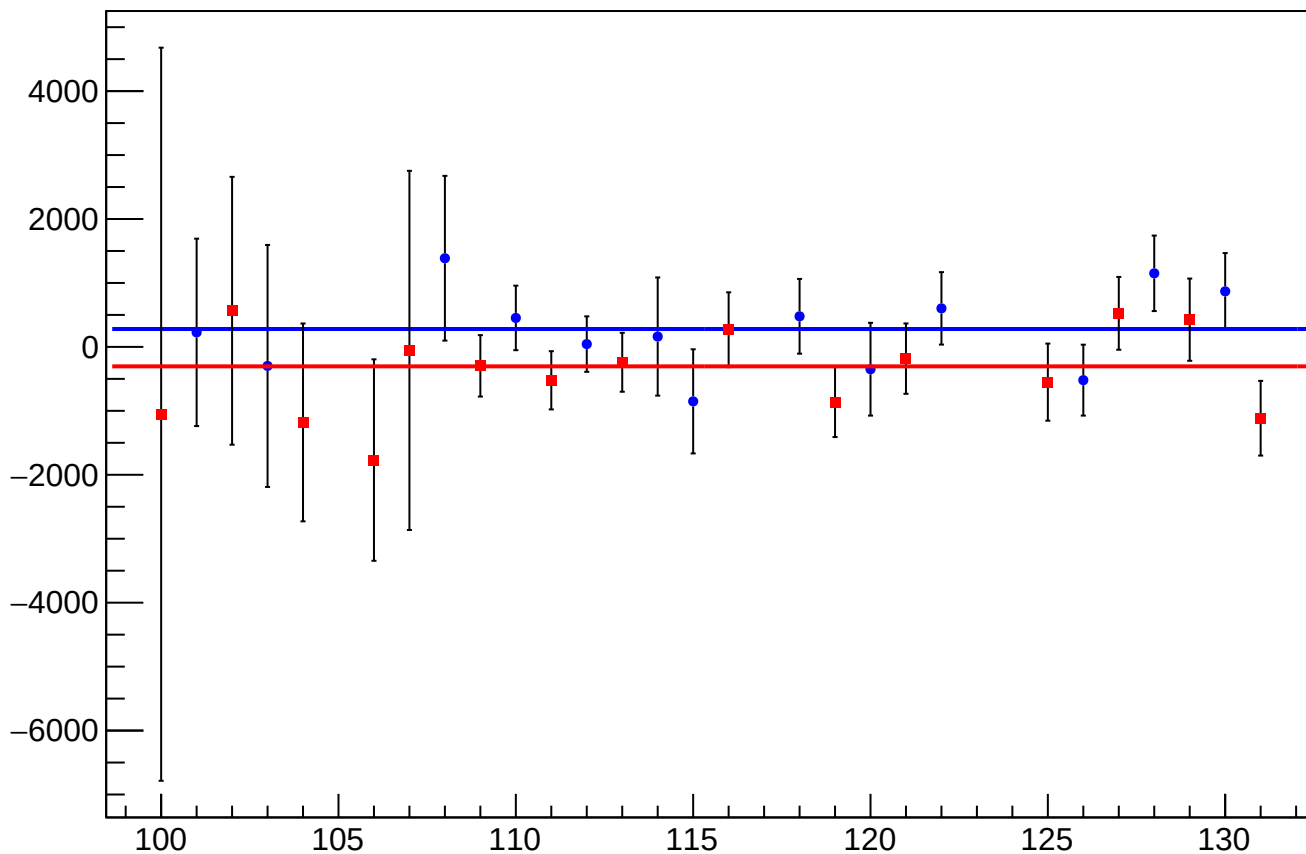
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1113.709+/-0.237 χ^2/NDF : 799521.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_eigen_cor_correction_mean vs Slug



Right In: 279.686 $\pm$ 182.190 χ^2 /NDF: 9.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -304.256 $\pm$ 167.060 χ^2 /NDF: 9.2/14

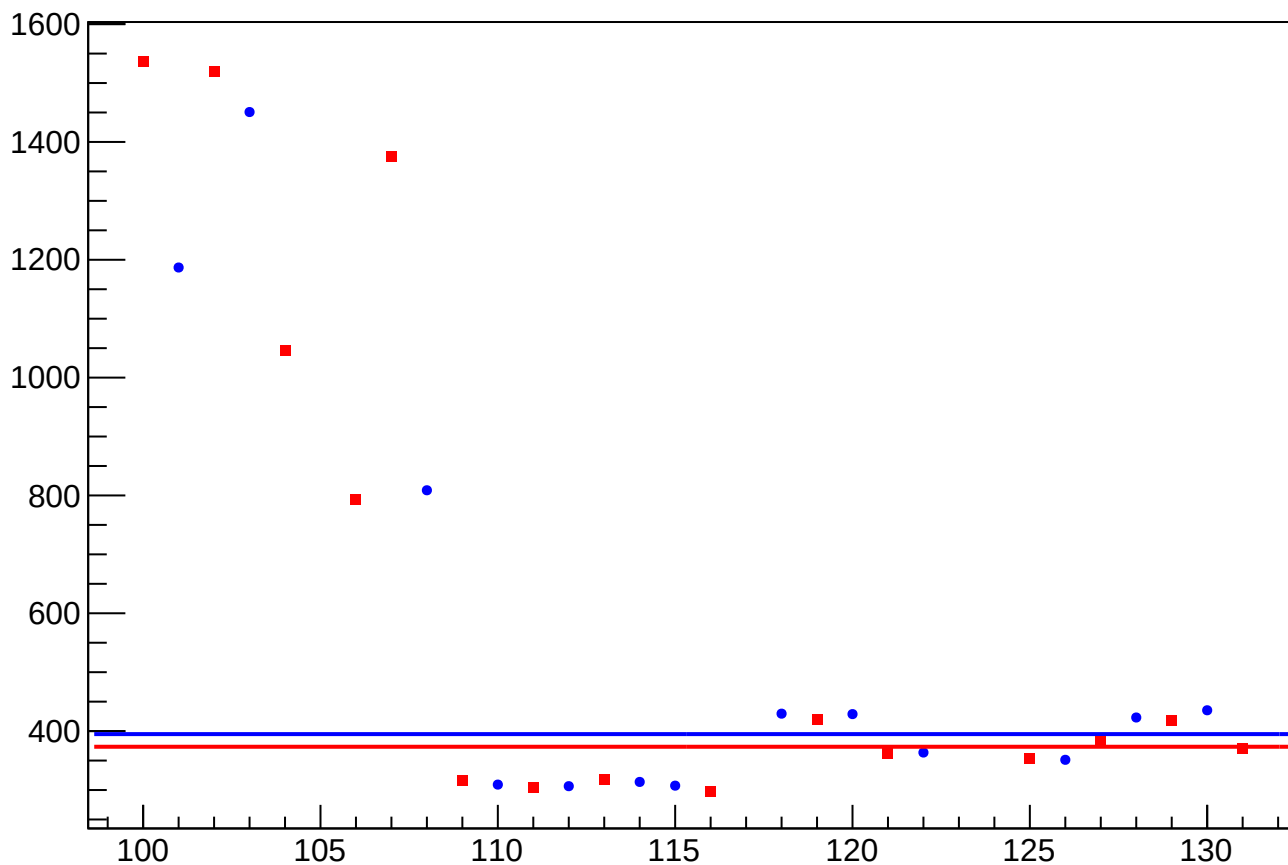
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -37.535 $\pm$ 123.131 χ^2 /NDF: 24.4/27

- 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: 394.903+/-0.129 χ^2/NDF : 1636106.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 373.438+/-0.118 χ^2/NDF : 1622105.3/14

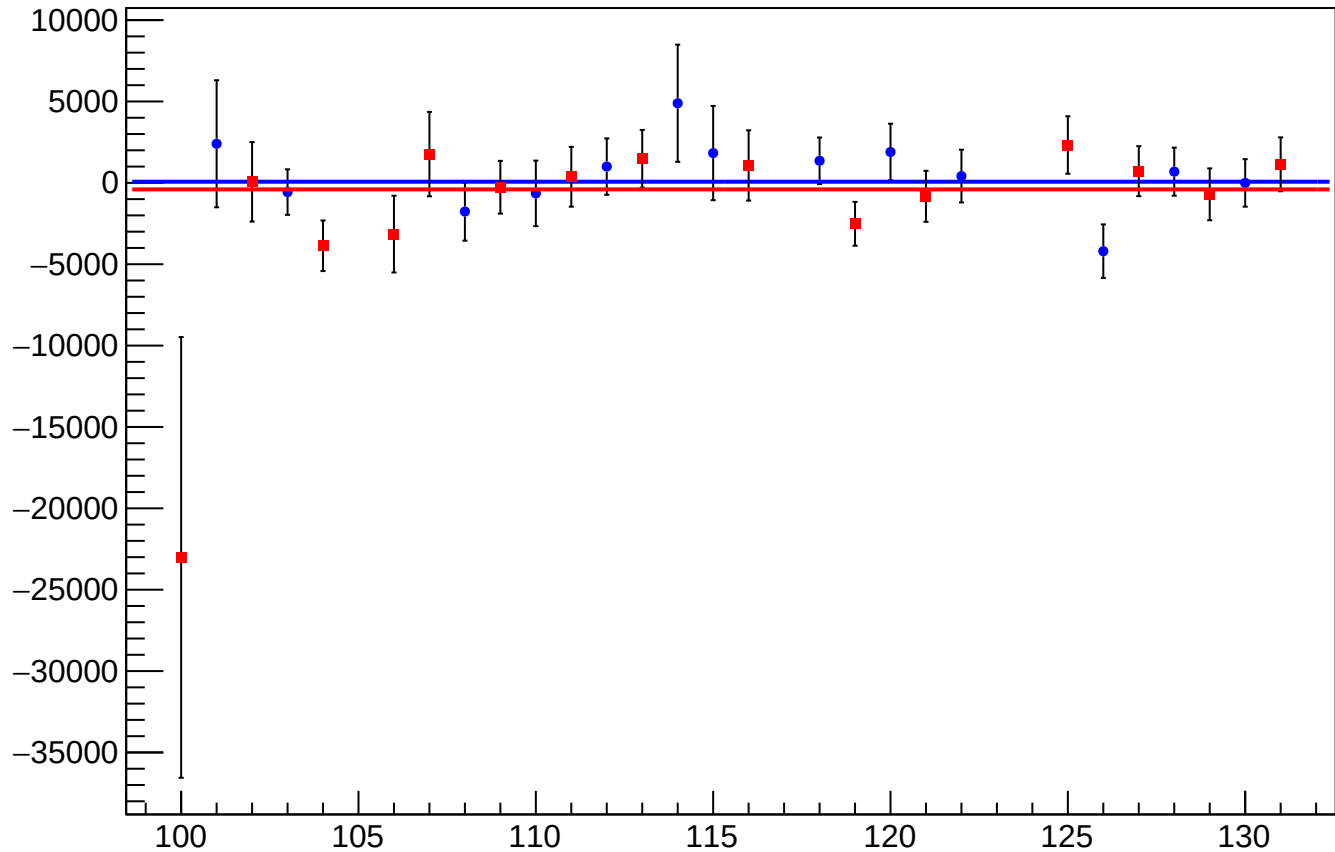
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 383.242+/-0.087 χ^2/NDF : 3273292.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 69.728+/-490.191 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -402.409+/-466.940 χ^2/NDF : 18.0/14

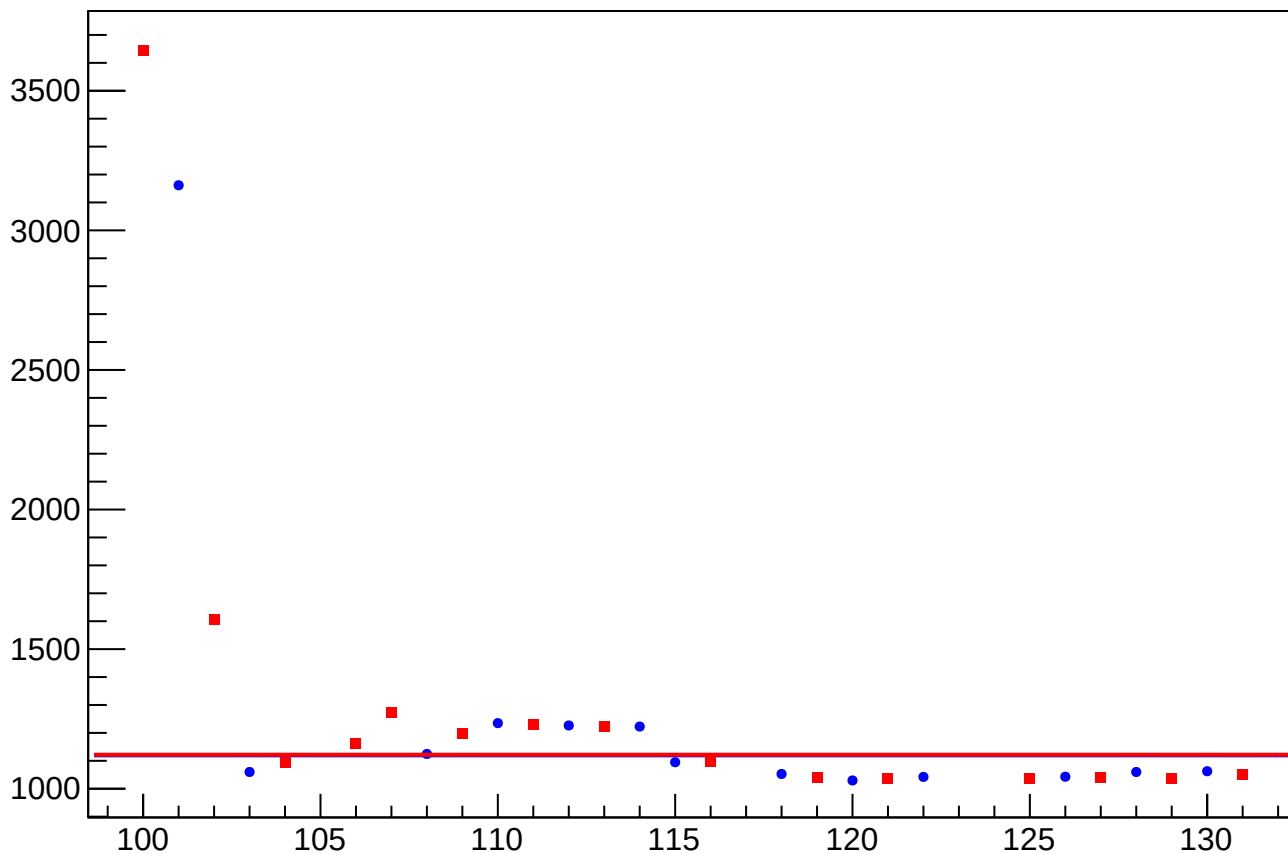
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -177.803+/-338.097 χ^2/NDF : 31.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1119.637 $\pm$ 0.347 χ^2 /NDF: 591567.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1121.846 $\pm$ 0.330 χ^2 /NDF: 207128.0/14

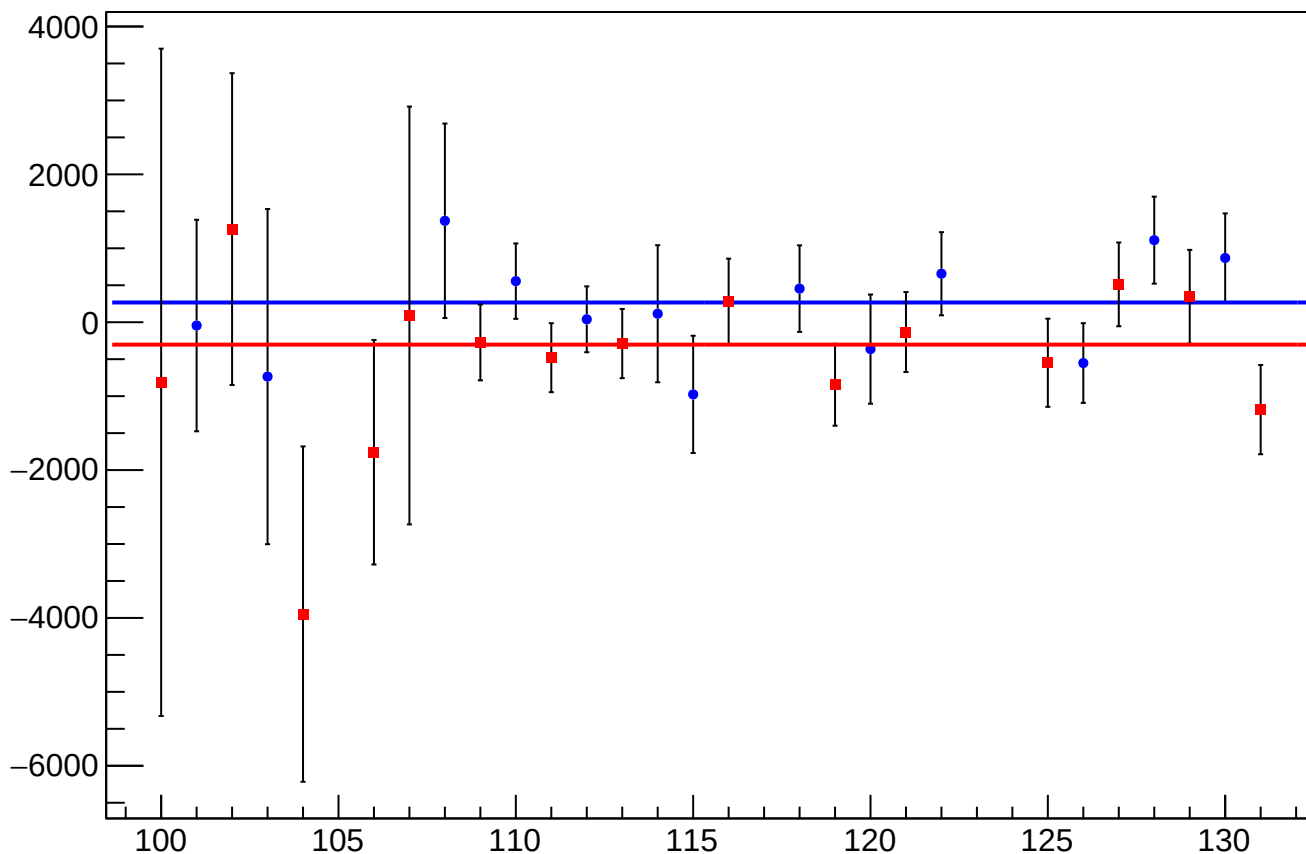
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1120.795 $\pm$ 0.239 χ^2 /NDF: 798717.0/27

- 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: 266.901 $\pm$ 182.898 χ^2 /NDF: 10.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -303.209 $\pm$ 169.522 χ^2 /NDF: 11.7/14

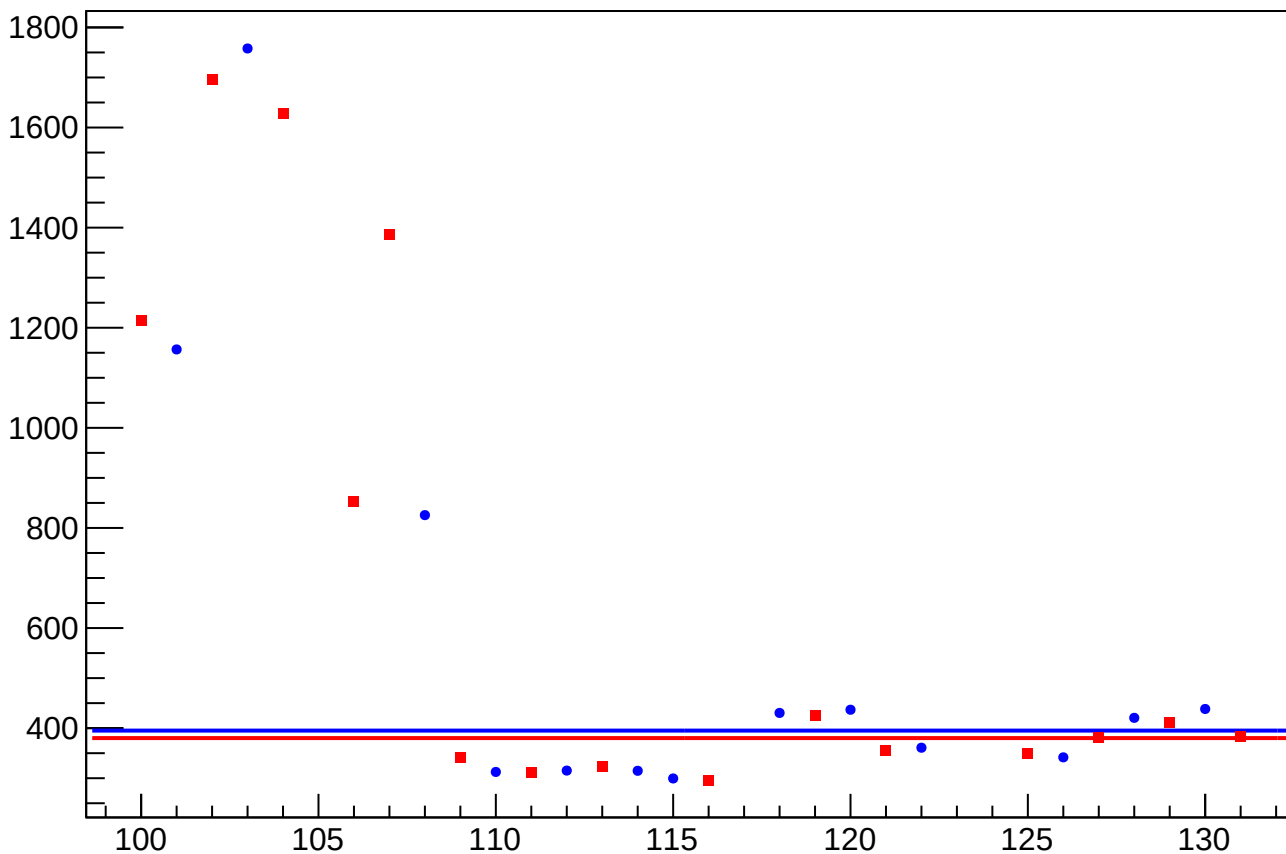
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -39.763 $\pm$ 124.330 χ^2 /NDF: 27.6/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_dit_correction_rms vs Slug



Right In: 395.141+/-0.129 χ^2/NDF : 1719234.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 380.166+/-0.120 χ^2/NDF : 2052830.3/14

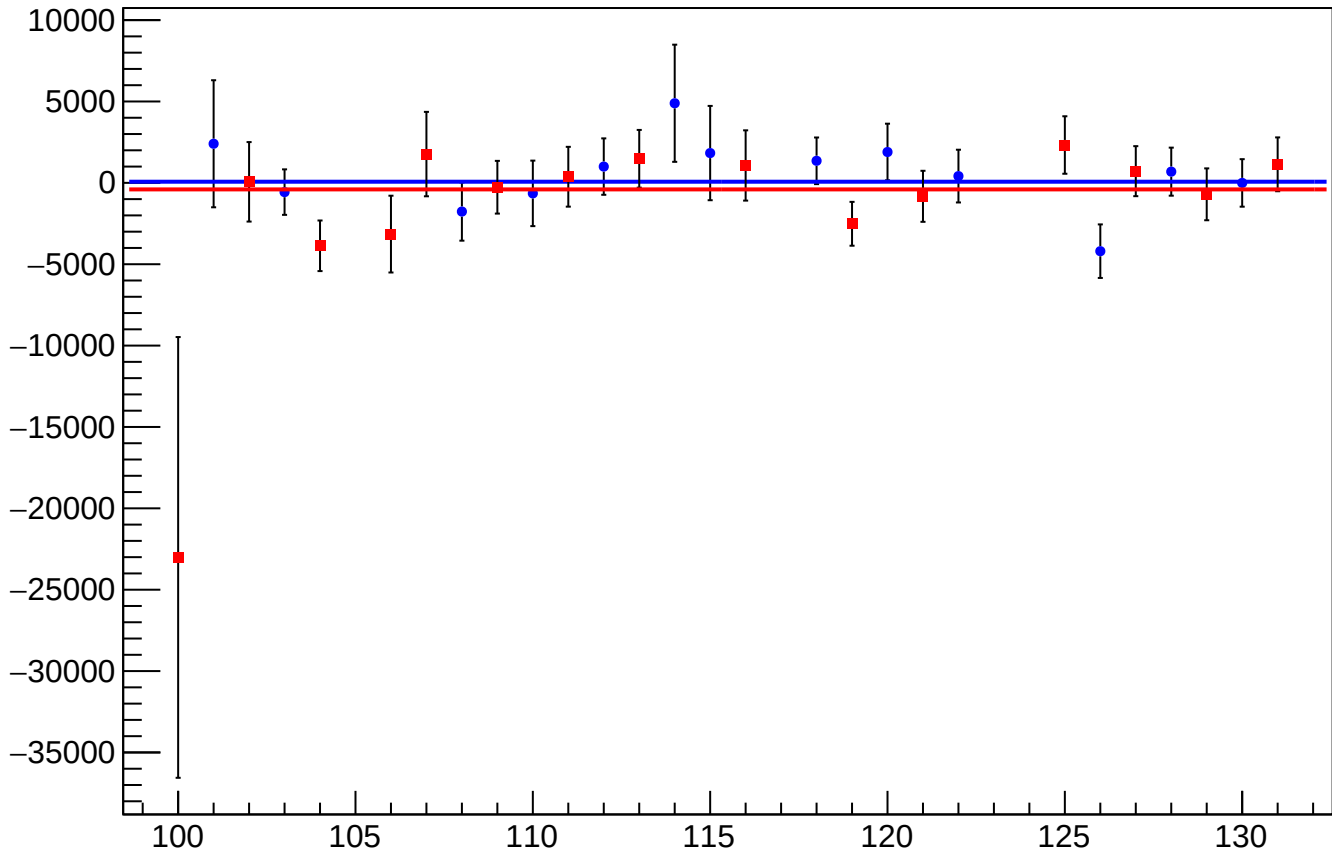
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 387.086+/-0.088 χ^2/NDF : 3779276.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 69.725+/-490.191 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -402.409+/-466.940 χ^2/NDF : 18.0/14

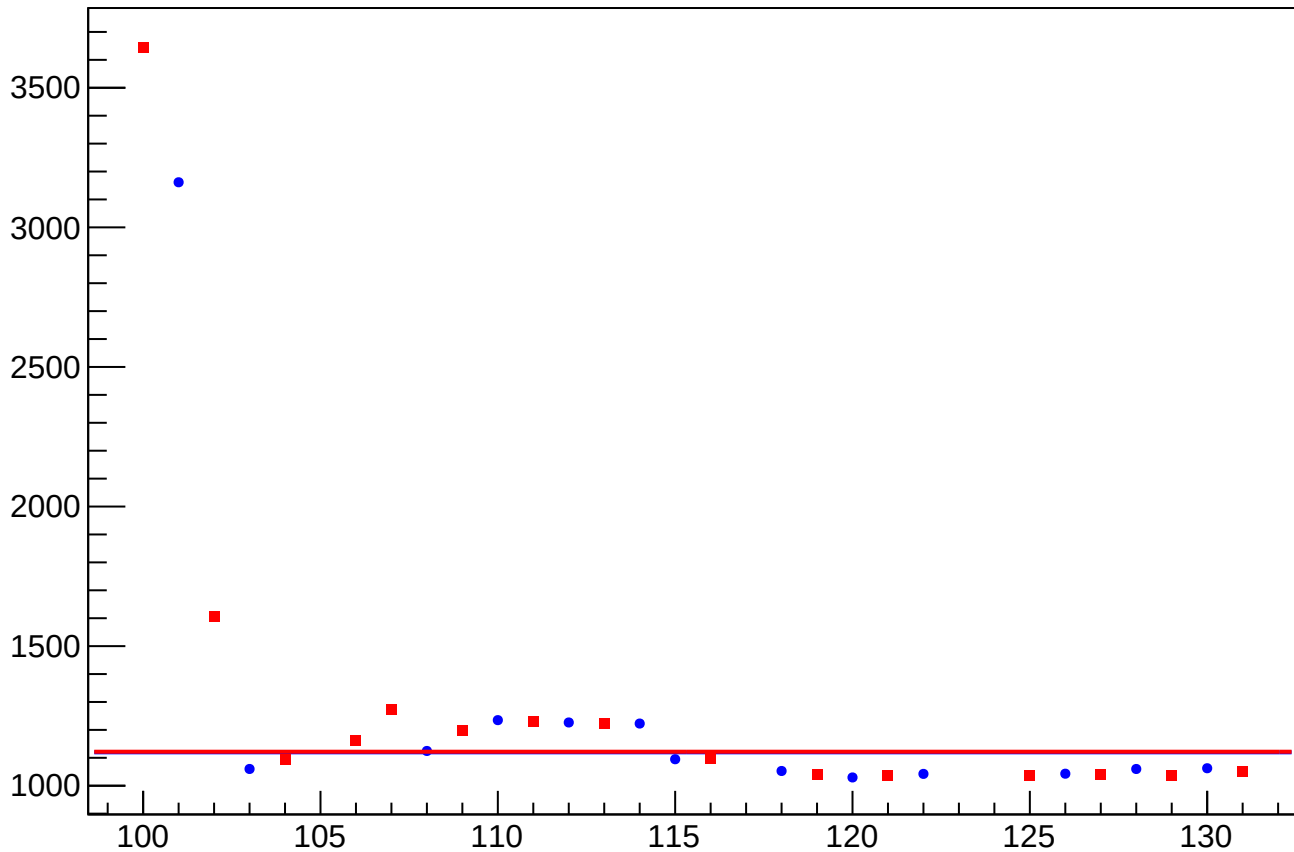
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -177.804+/-338.097 χ^2/NDF : 31.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1119.637 $\pm$ 0.347 χ^2 /NDF: 591567.6/12

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

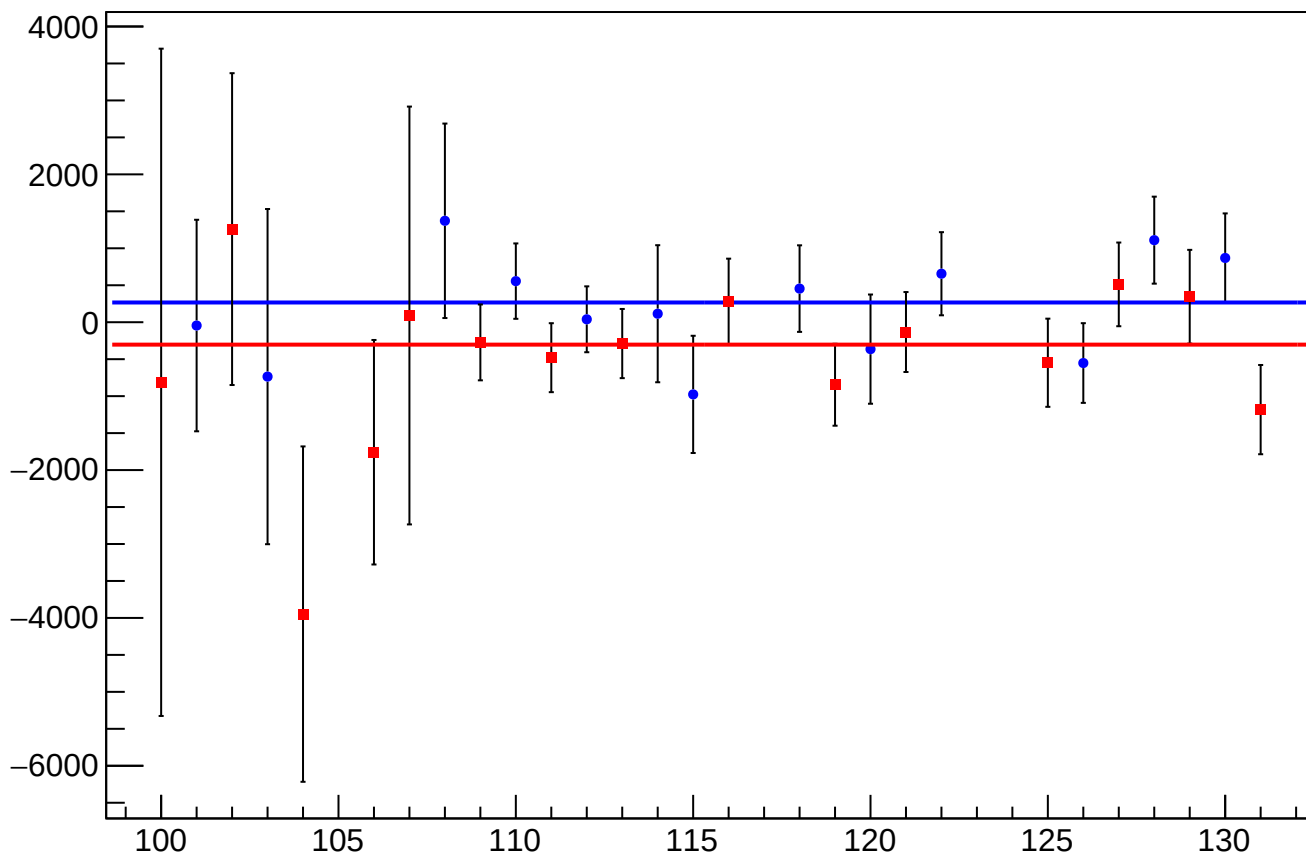
Right Out: 1121.846 $\pm$ 0.330 χ^2 /NDF: 207128.1/14

All: 1120.795 $\pm$ 0.239 χ^2 /NDF: 798717.1/27

- 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_eigen_dit_correction_mean vs Slug



Right In: 266.897 $\pm$ 182.898 χ^2 /NDF: 10.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -303.208 $\pm$ 169.521 χ^2 /NDF: 11.7/14

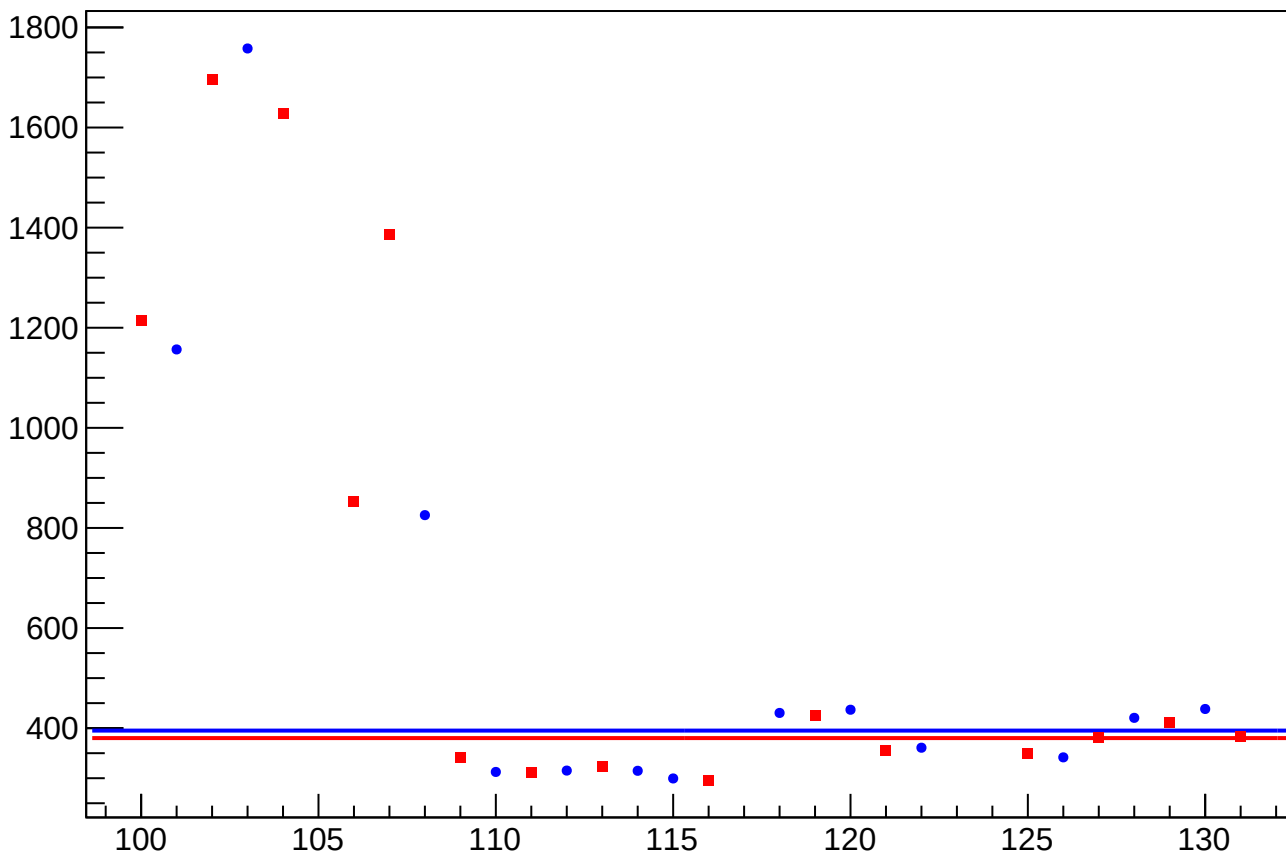
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -39.764 $\pm$ 124.330 χ^2 /NDF: 27.6/27

- 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: 395.139+/-0.129 χ^2/NDF : 1719235.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 380.164+/-0.120 χ^2/NDF : 2052841.4/14

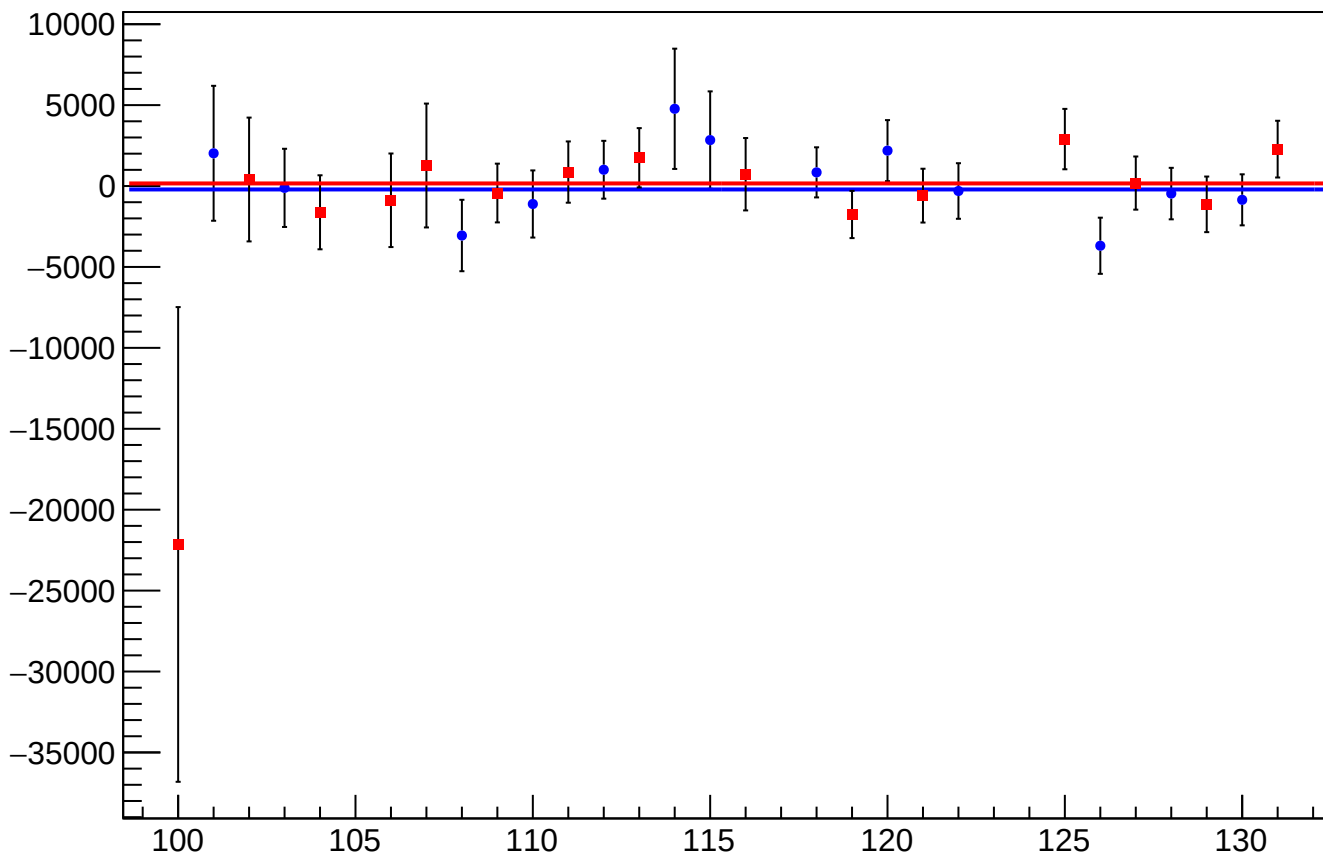
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 387.084+/-0.088 χ^2/NDF : 3779288.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: -211.590+/-548.047 χ^2 /NDF: 11.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 159.859+/-520.844 χ^2 /NDF: 10.3/14

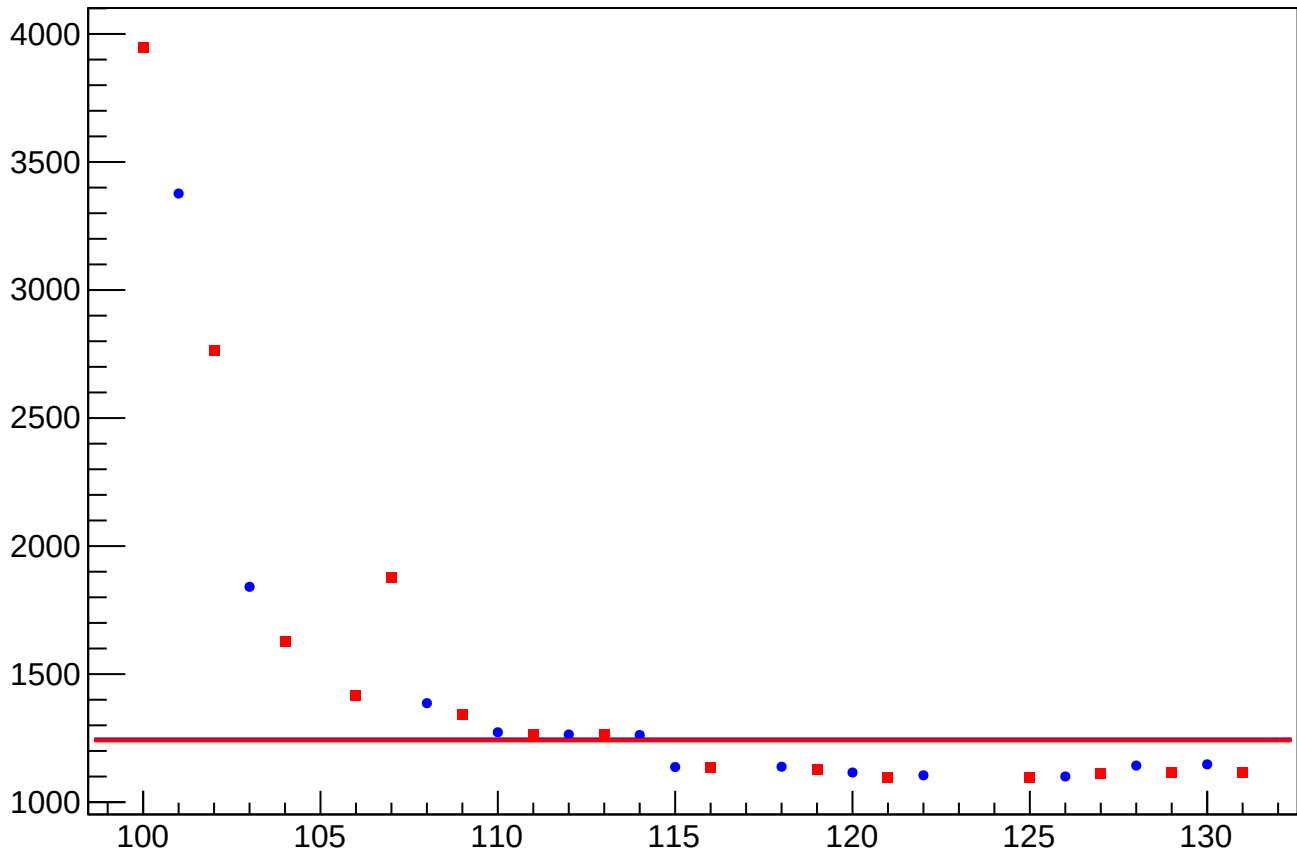
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -16.419+/-377.543 χ^2 /NDF: 22.3/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1244.960+/-0.388 χ^2/NDF : 718160.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

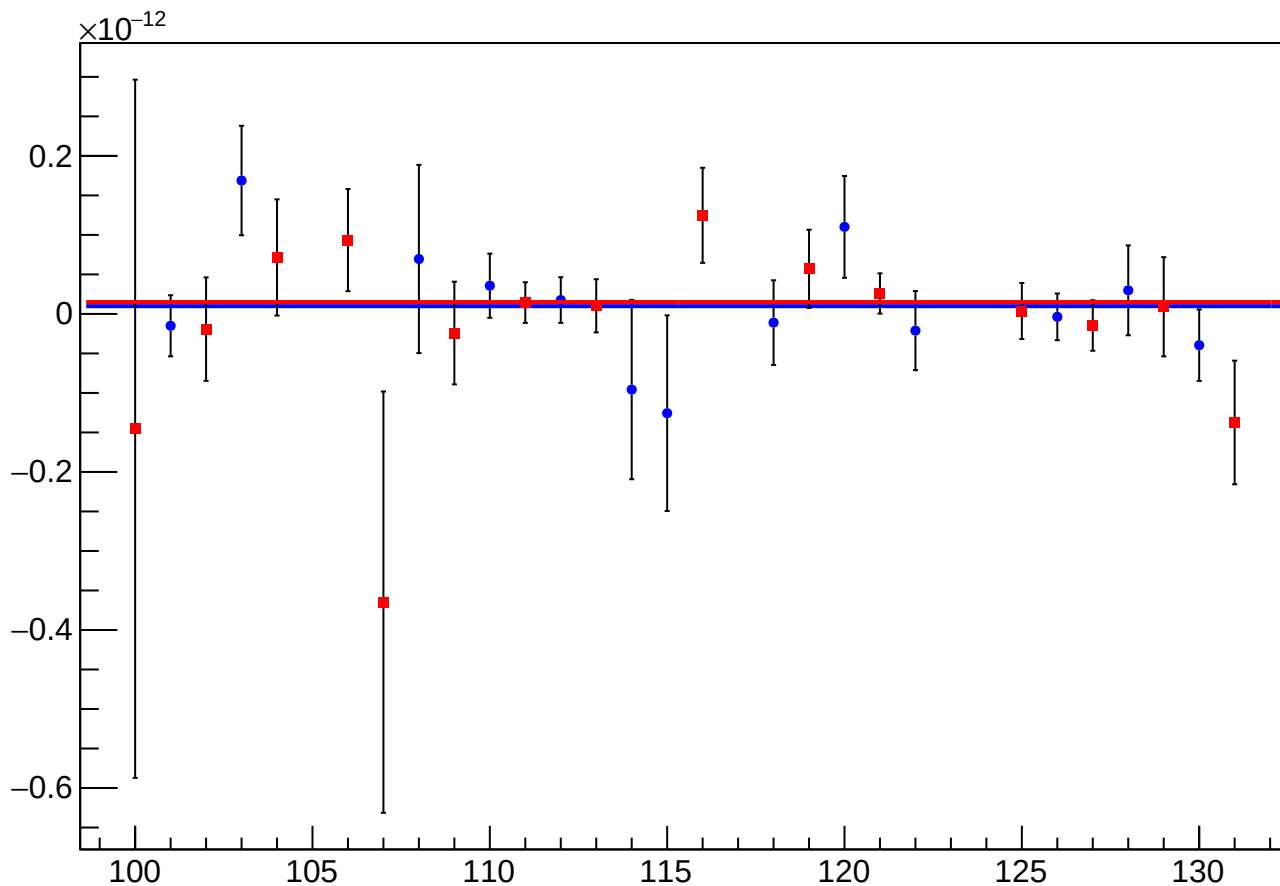
Right Out: 1241.205+/-0.368 χ^2/NDF : 588820.2/14

All: 1242.987+/-0.267 χ^2/NDF : 1307029.6/27

- 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_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.9/14

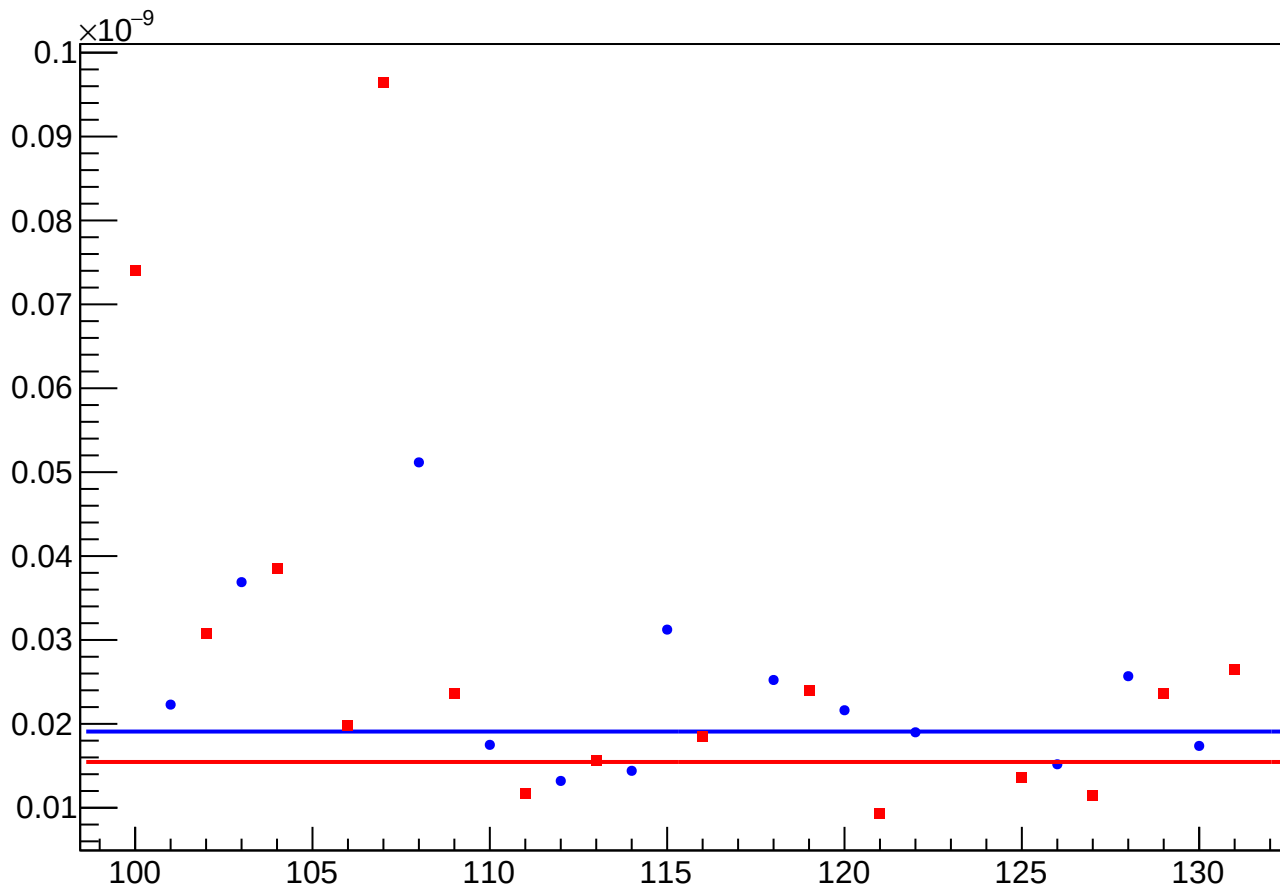
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 26.9/27

- 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: 493817.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 902627.6/14

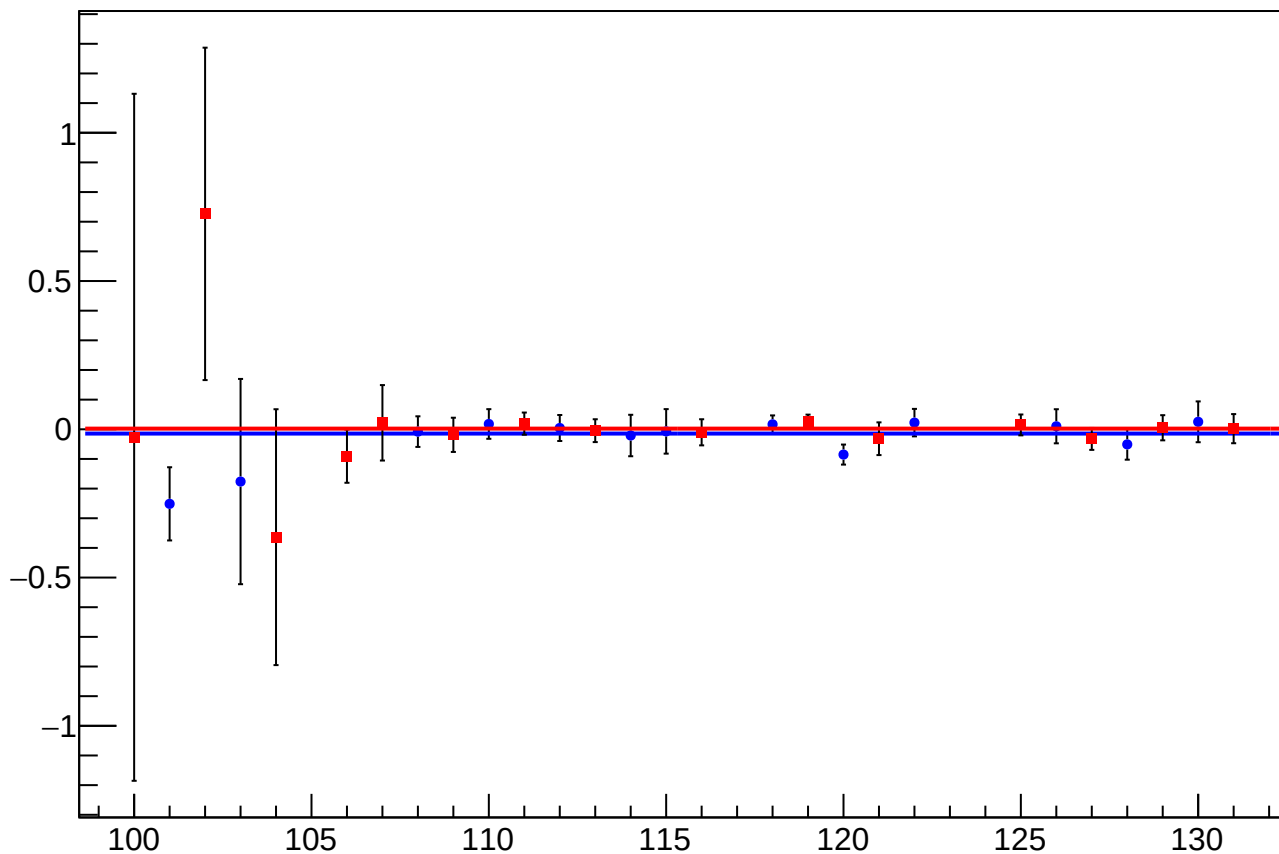
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1483758.0/27

- 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: -0.014 $\pm$ 0.014 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.002 $\pm$ 0.012 χ^2 /NDF: 6.3/14

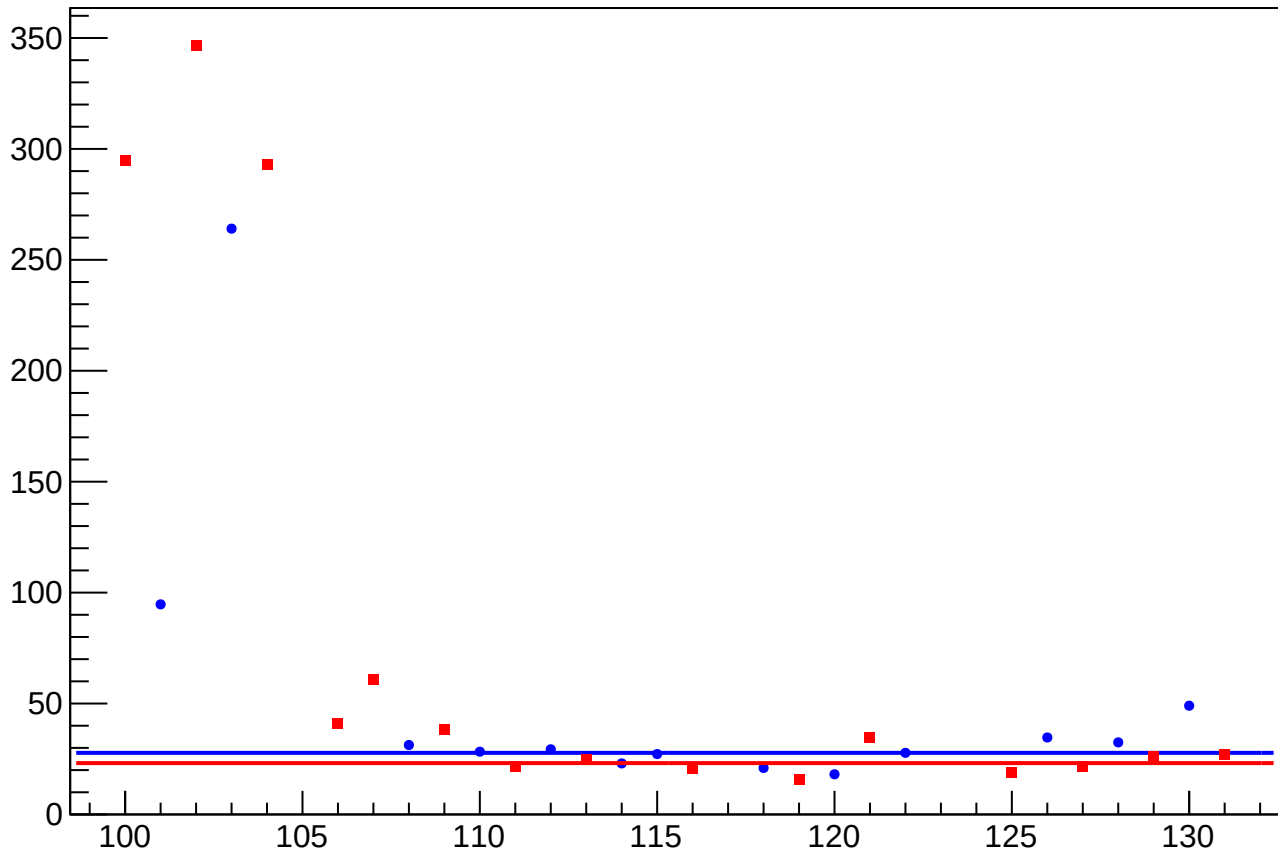
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.009 χ^2 /NDF: 18.7/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_rms vs Slug



Right In: 27.773+/-0.010 χ^2/NDF : 2044724.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.153+/-0.008 χ^2/NDF : 2307595.9/14

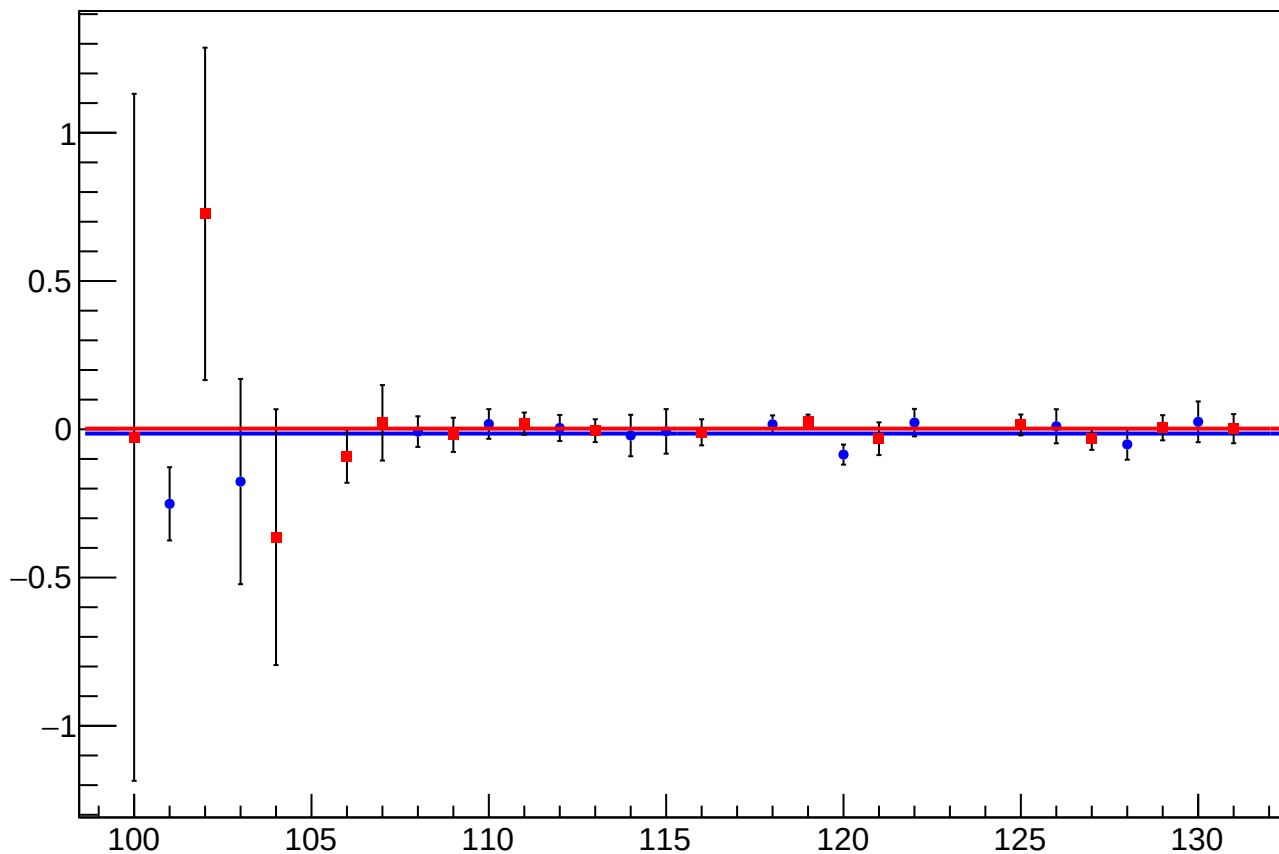
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.102+/-0.006 χ^2/NDF : 4477942.4/27

- 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: -0.014 $\pm$ 0.014 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.002 $\pm$ 0.012 χ^2 /NDF: 6.3/14

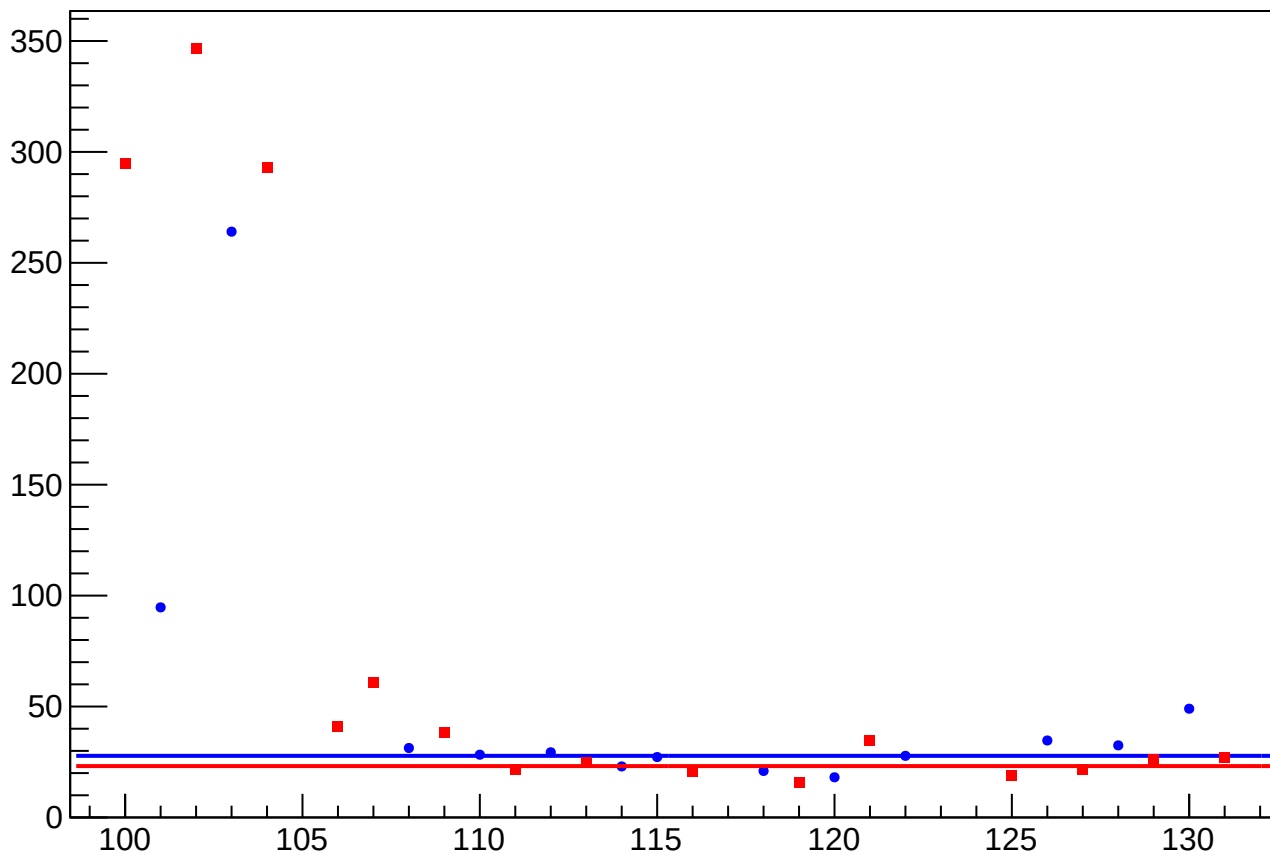
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.009 χ^2 /NDF: 18.7/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 27.773+/-0.010 χ^2/NDF : 2044724.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.153+/-0.008 χ^2/NDF : 2307595.9/14

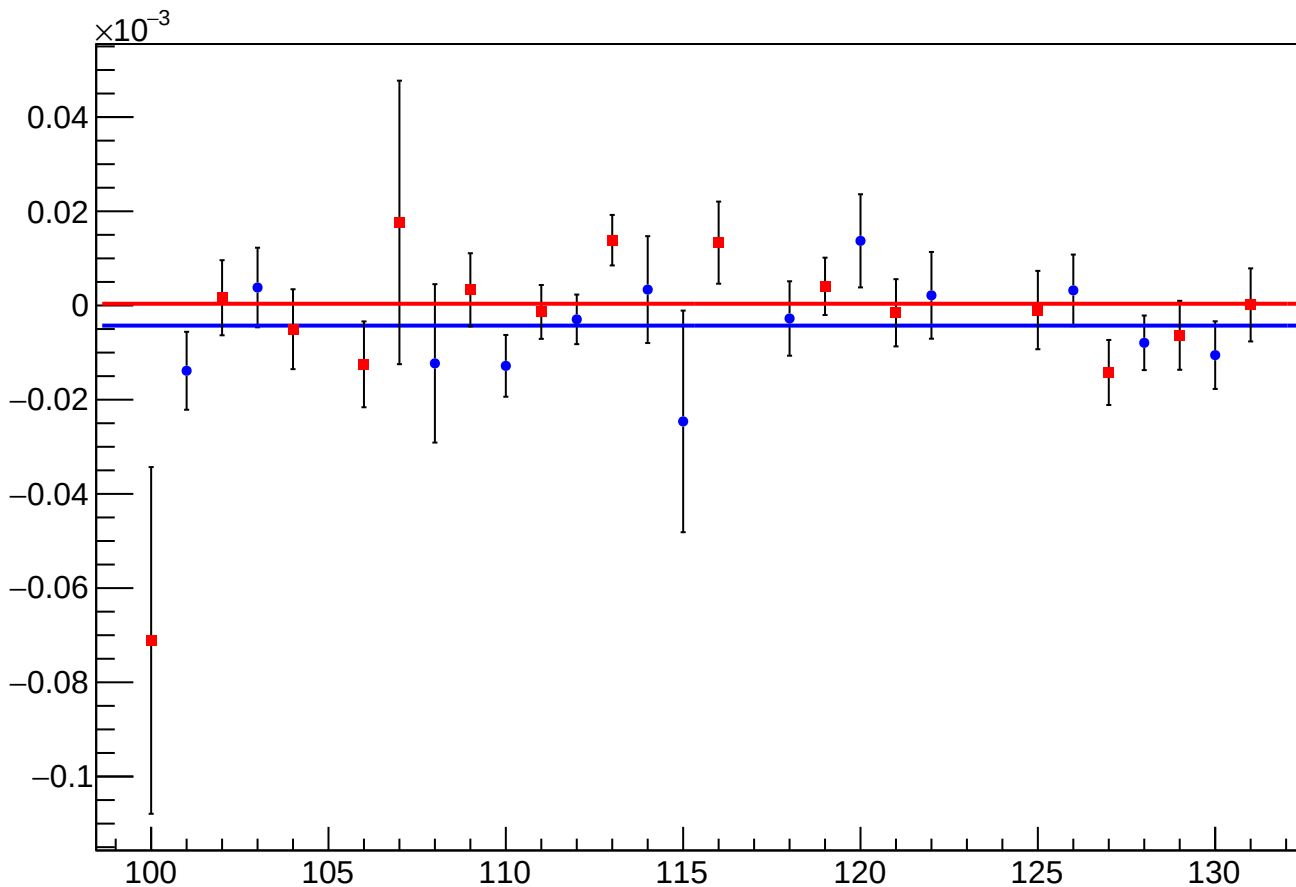
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.102+/-0.006 χ^2/NDF : 4477942.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 21.1/14

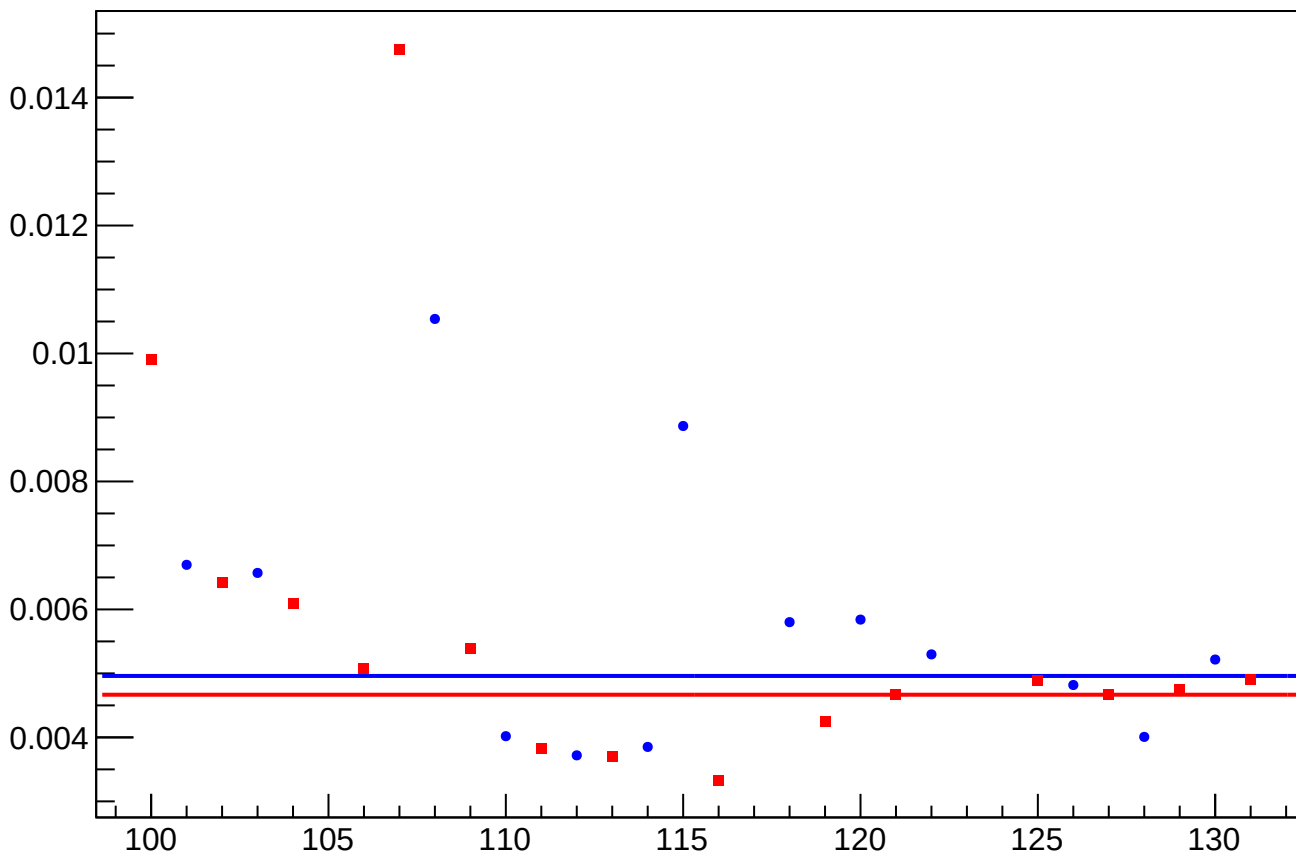
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 35.0/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 706370.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 609723.1/14

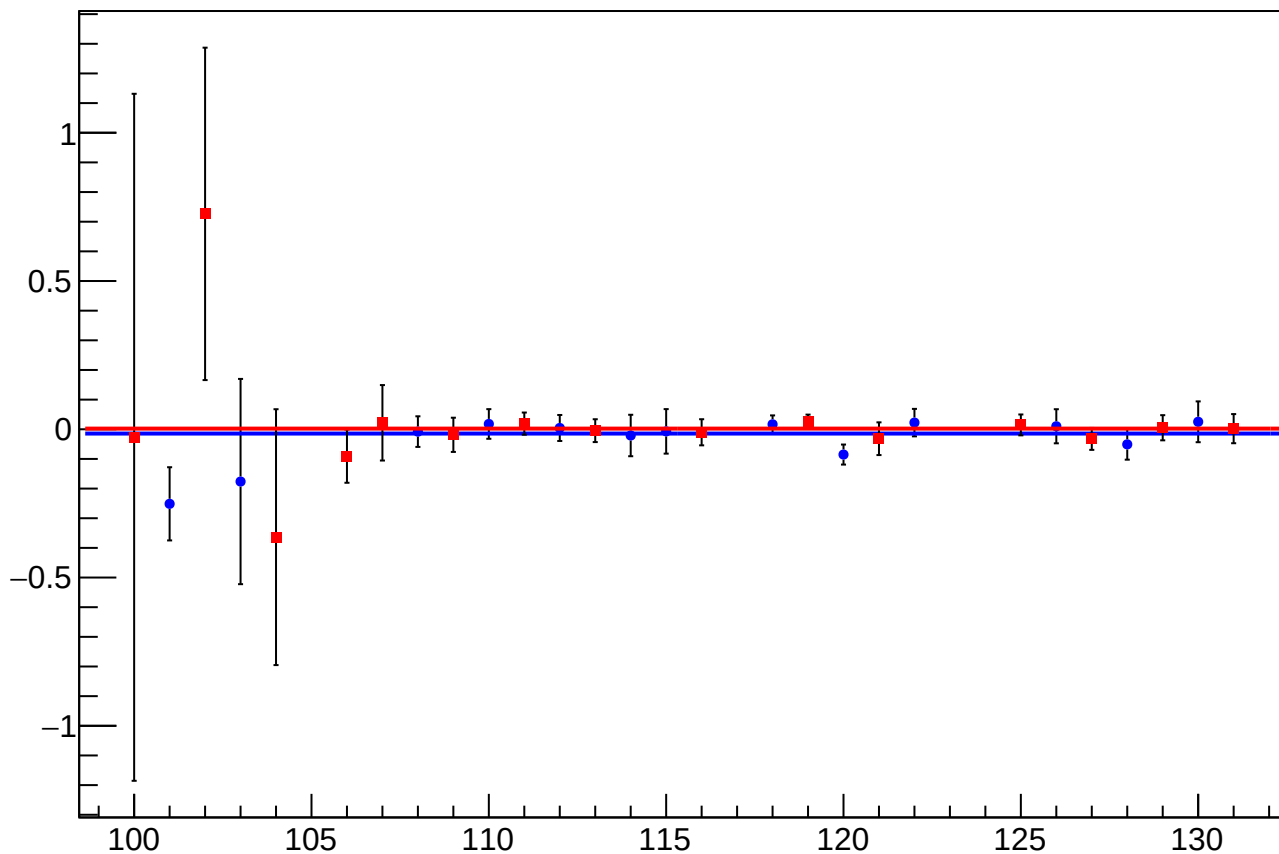
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1335720.6/27

- 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: -0.014 ± 0.014 χ^2/NDF : 11.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.002 ± 0.012 χ^2/NDF : 6.3/14

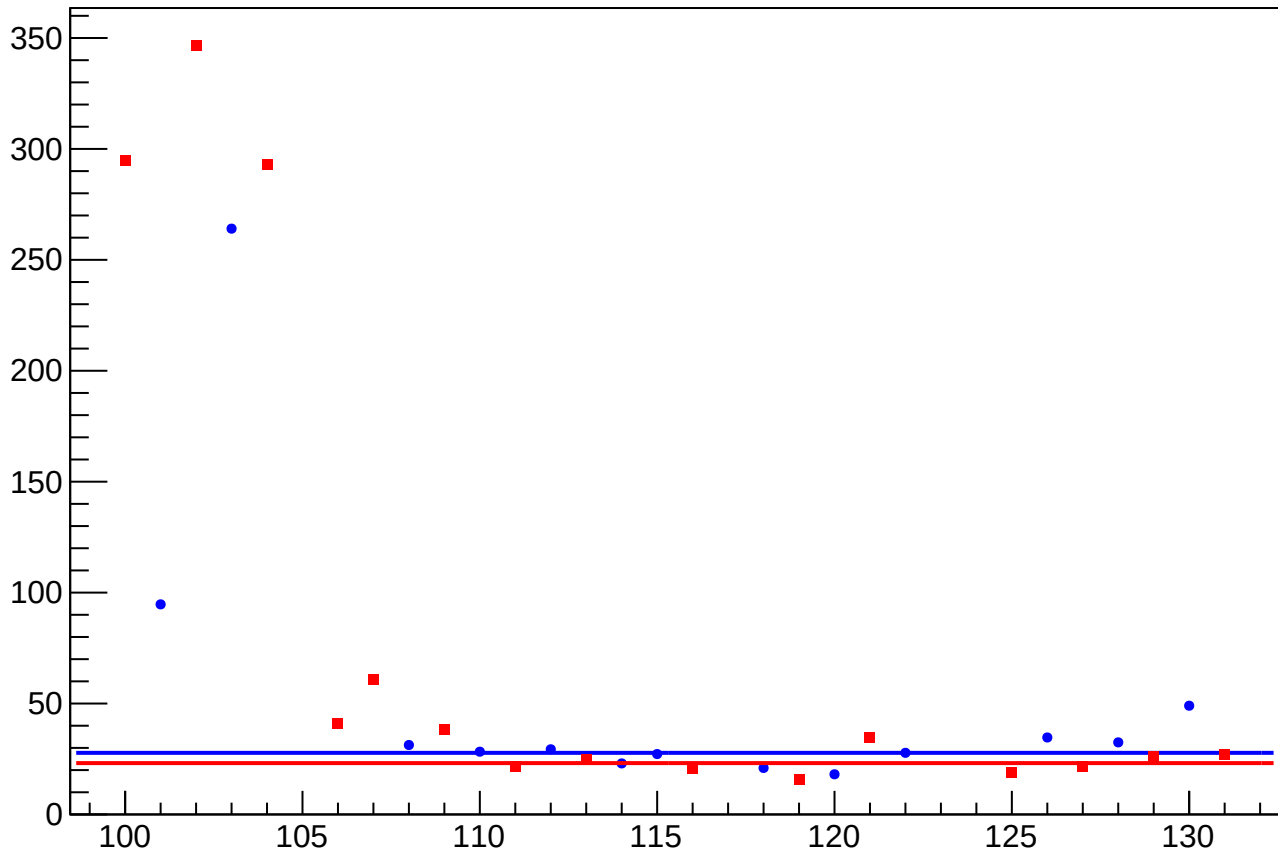
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.005 ± 0.009 χ^2/NDF : 18.7/27

- 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: 27.773+/-0.010 χ^2/NDF : 2044702.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.151+/-0.008 χ^2/NDF : 2307802.2/14

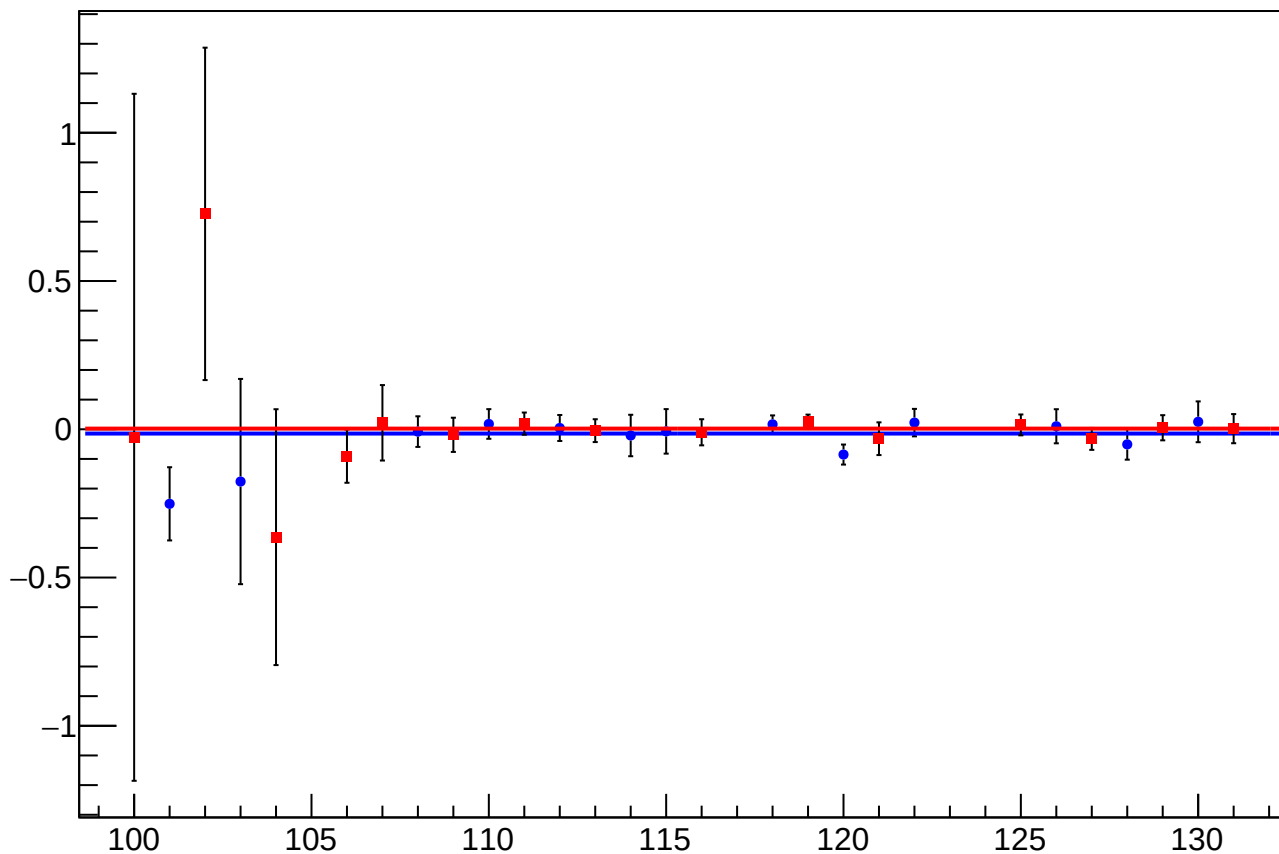
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.101+/-0.006 χ^2/NDF : 4478229.9/27

- 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: -0.014 ± 0.014 χ^2/NDF : 11.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.002 ± 0.012 χ^2/NDF : 6.3/14

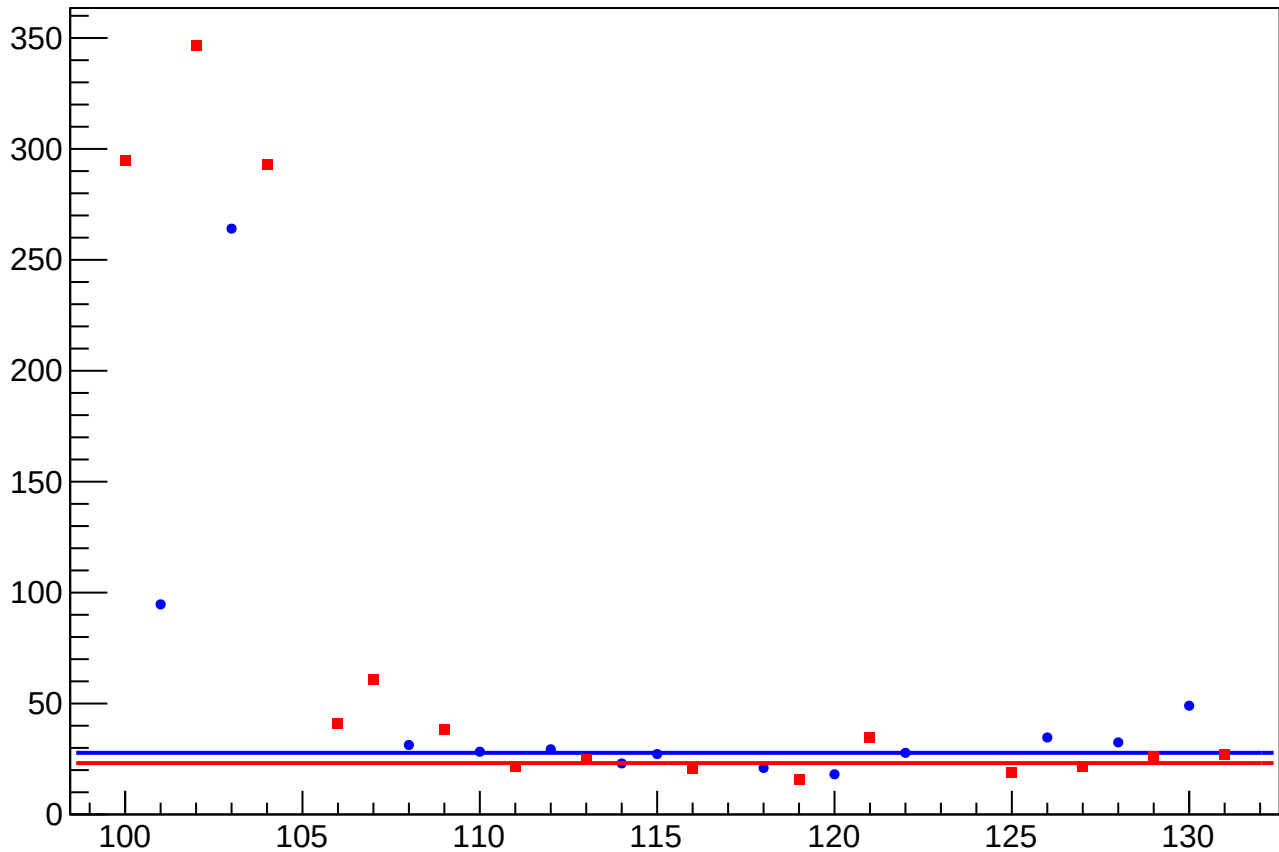
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.005 ± 0.009 χ^2/NDF : 18.7/27

- sign 0.000 ± 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: 27.773+/-0.010 χ^2/NDF : 2044702.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.151+/-0.008 χ^2/NDF : 2307802.2/14

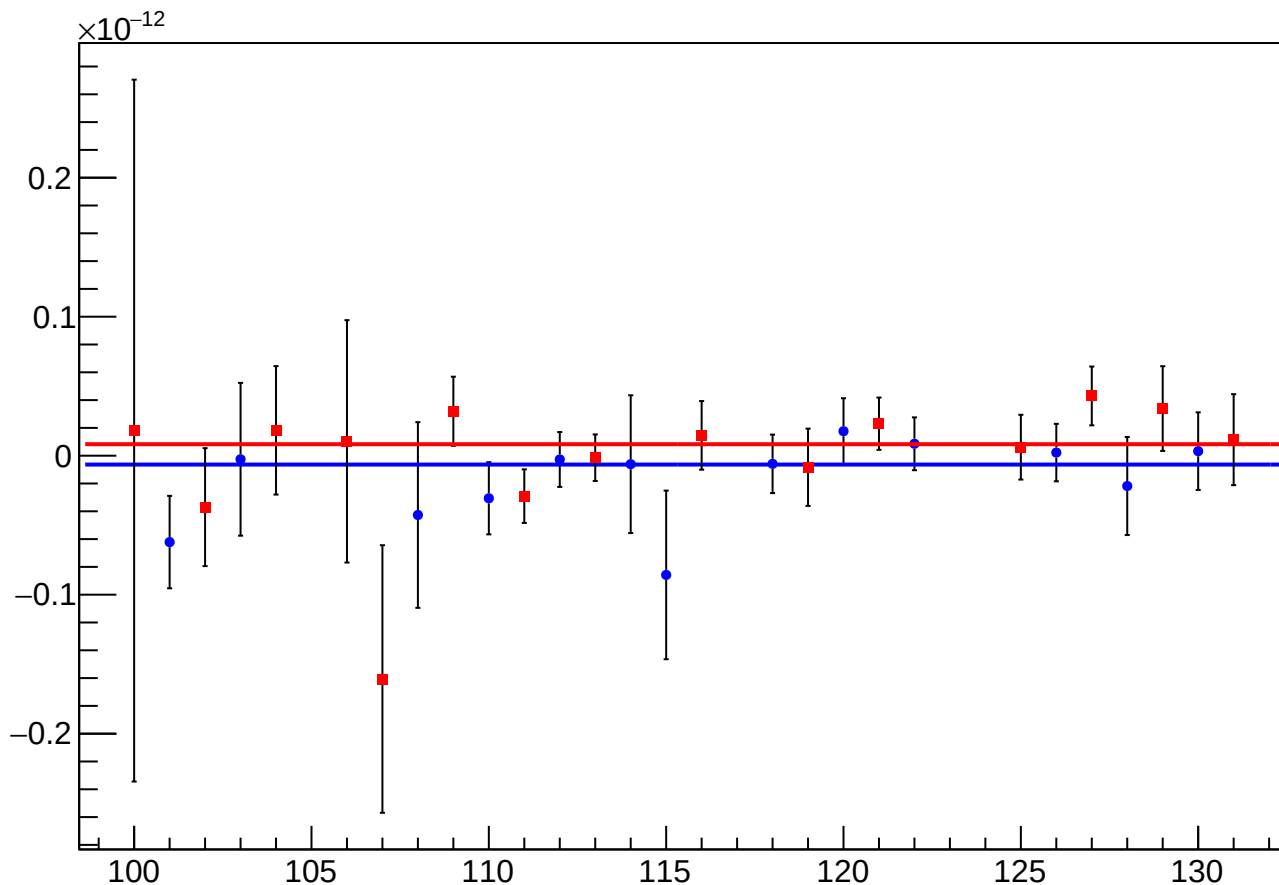
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.101+/-0.006 χ^2/NDF : 4478229.9/27

- 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 : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.7/14

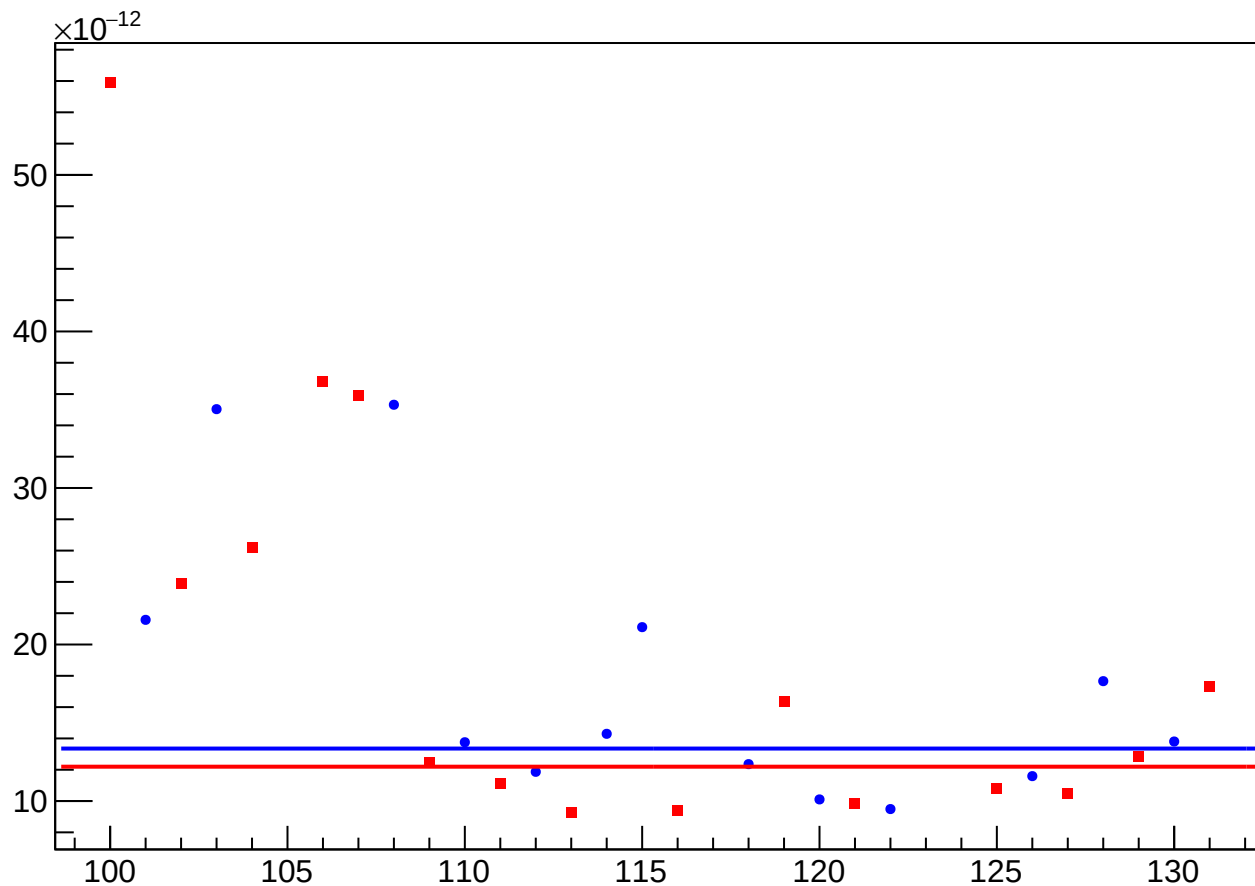
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.6/27

- 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+/-0.000 χ^2/NDF : 864621.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 915496.6/14

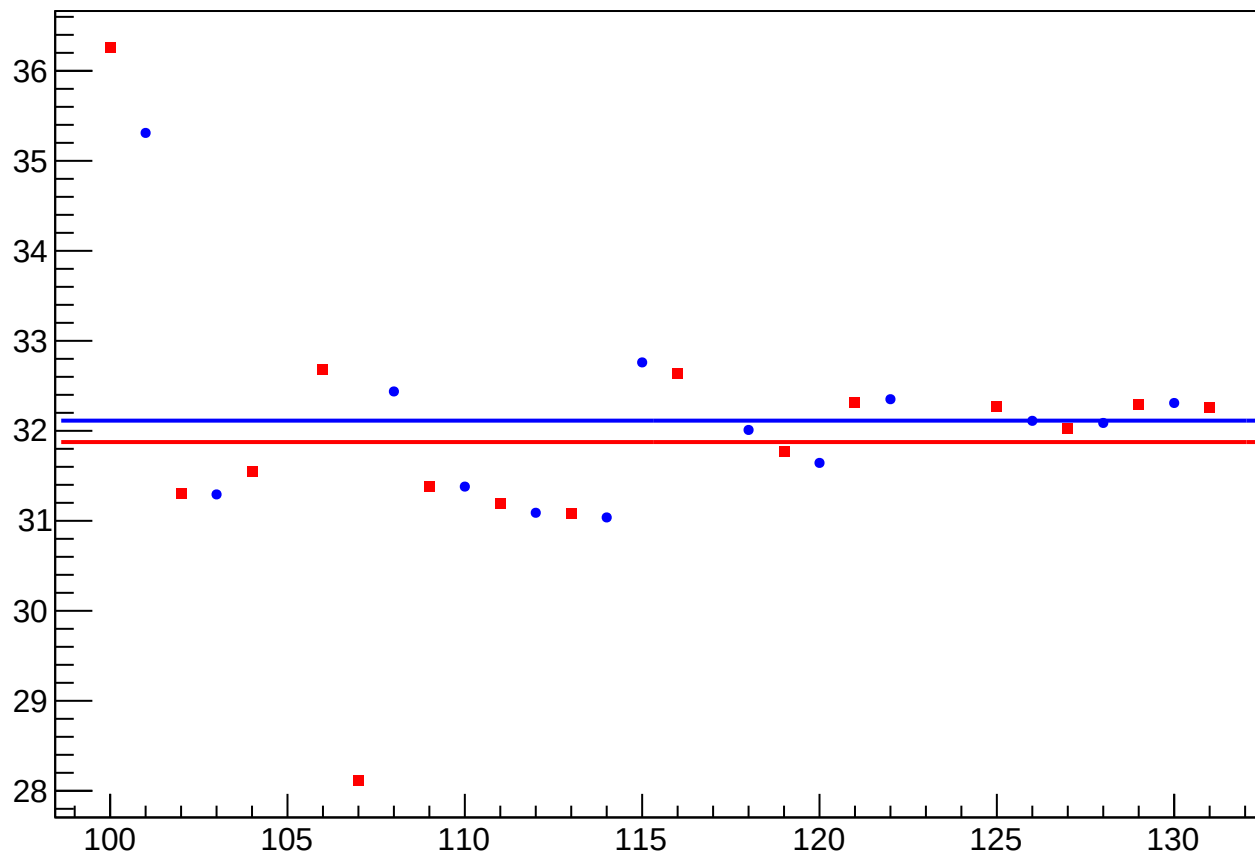
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1805684.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_usl_mean vs Slug



Right In: 32.113+/-0.000 χ^2/NDF : 836228017.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.875+/-0.000 χ^2/NDF : 447110874.5/14

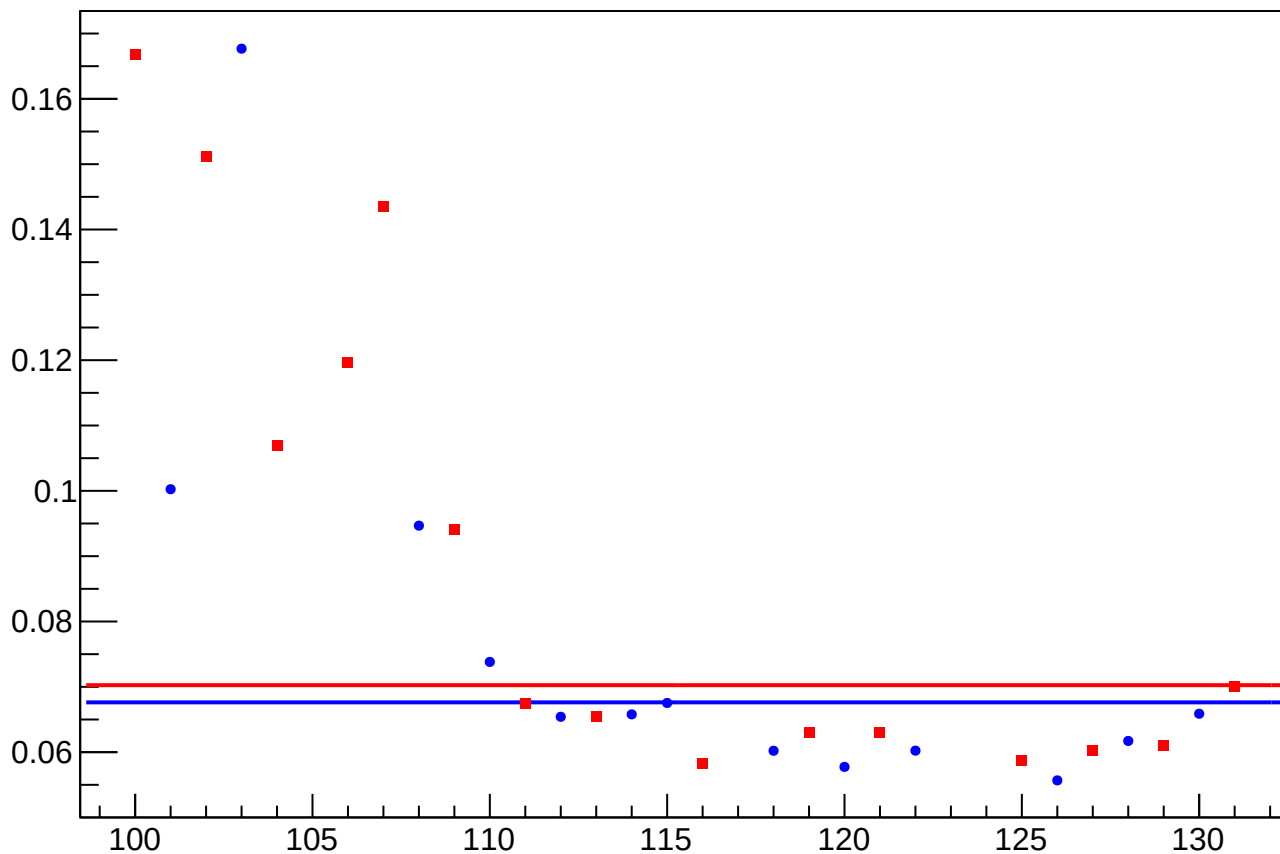
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.993+/-0.000 χ^2/NDF : 1312833448.8/2

- 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: 692595.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.070 $\pm$ 0.000 χ^2 /NDF: 863169.7/14

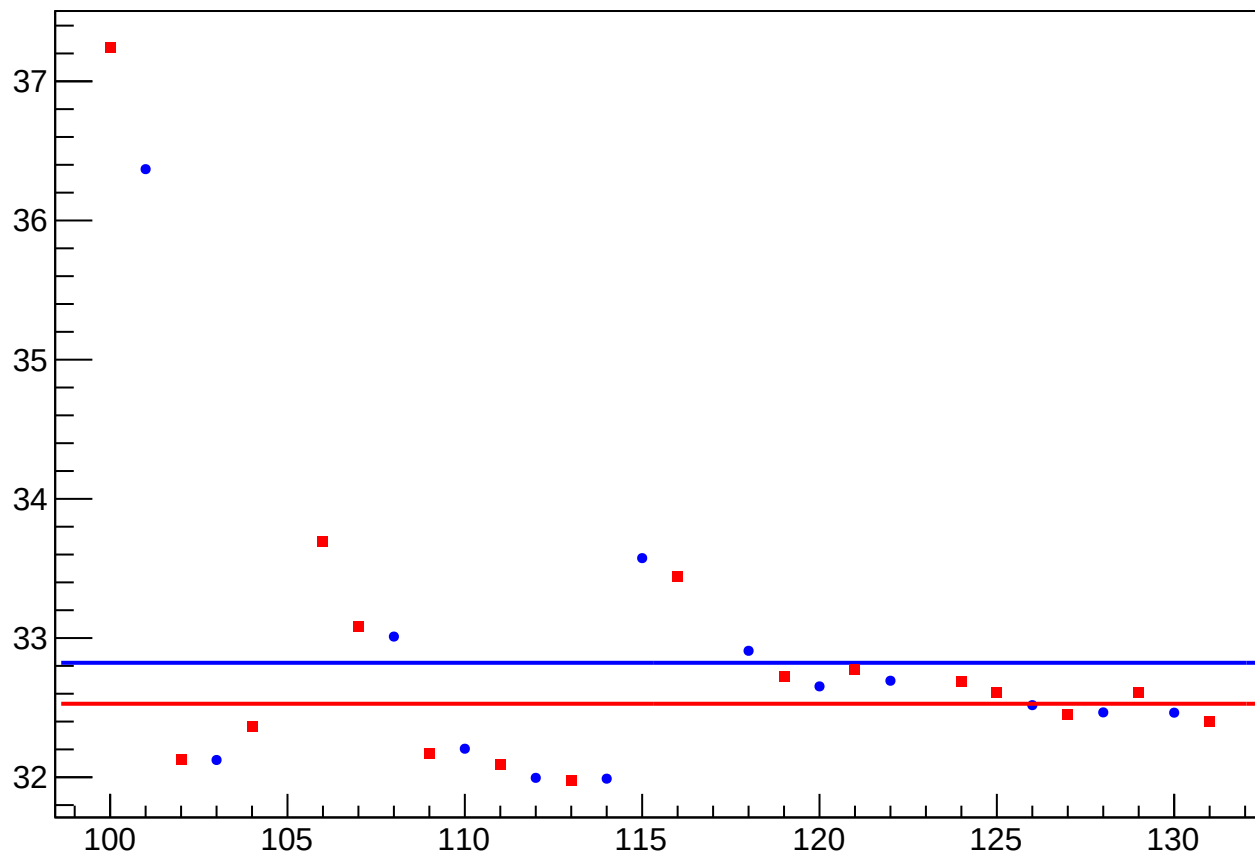
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.069 $\pm$ 0.000 χ^2 /NDF: 1562969.8/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_usr_mean vs Slug



Right In: 32.822+/-0.000 χ^2/NDF : 660924568.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.528+/-0.000 χ^2/NDF : 140686342.0/15

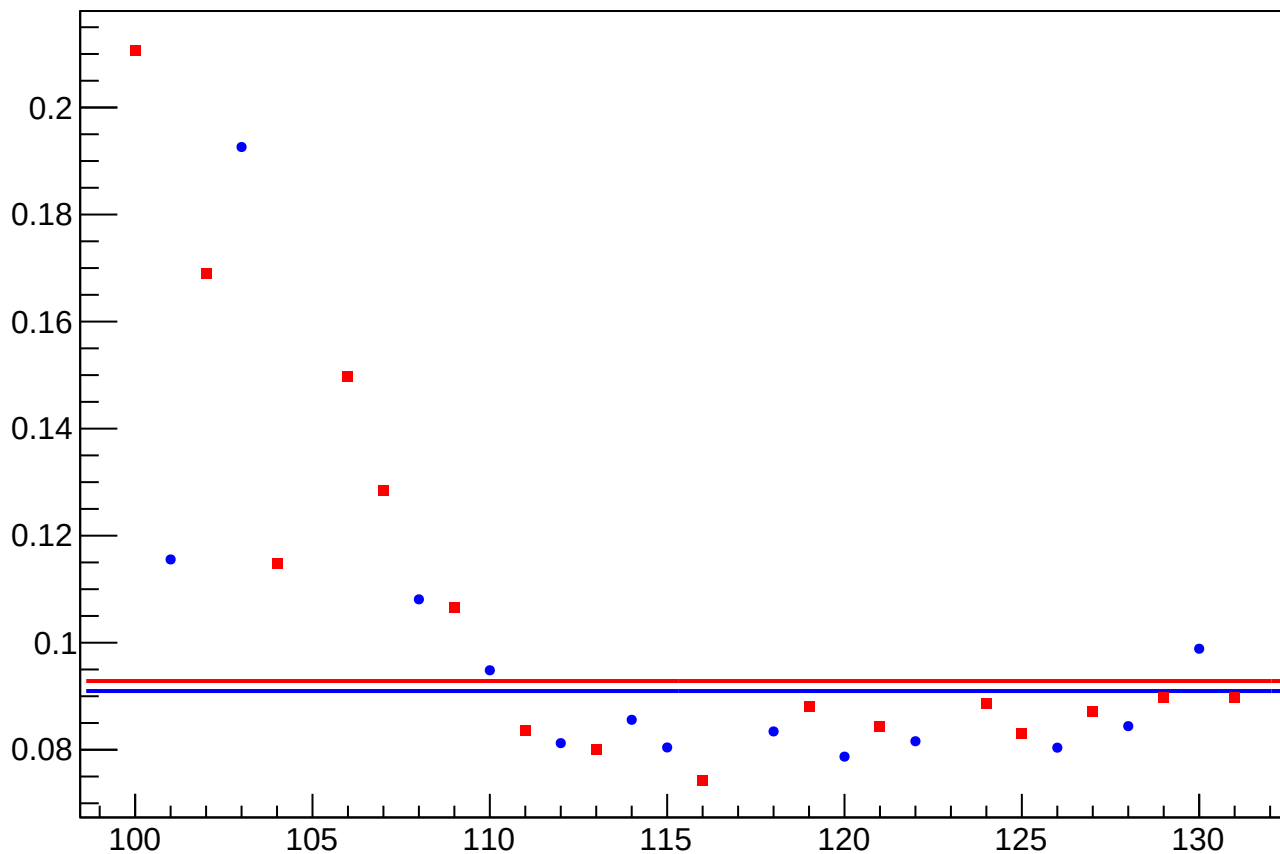
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.669+/-0.000 χ^2/NDF : 827751395.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_usr_rms vs Slug



Right In: 0.091+/-0.000 χ^2/NDF : 473172.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.093+/-0.000 χ^2/NDF : 523693.4/15

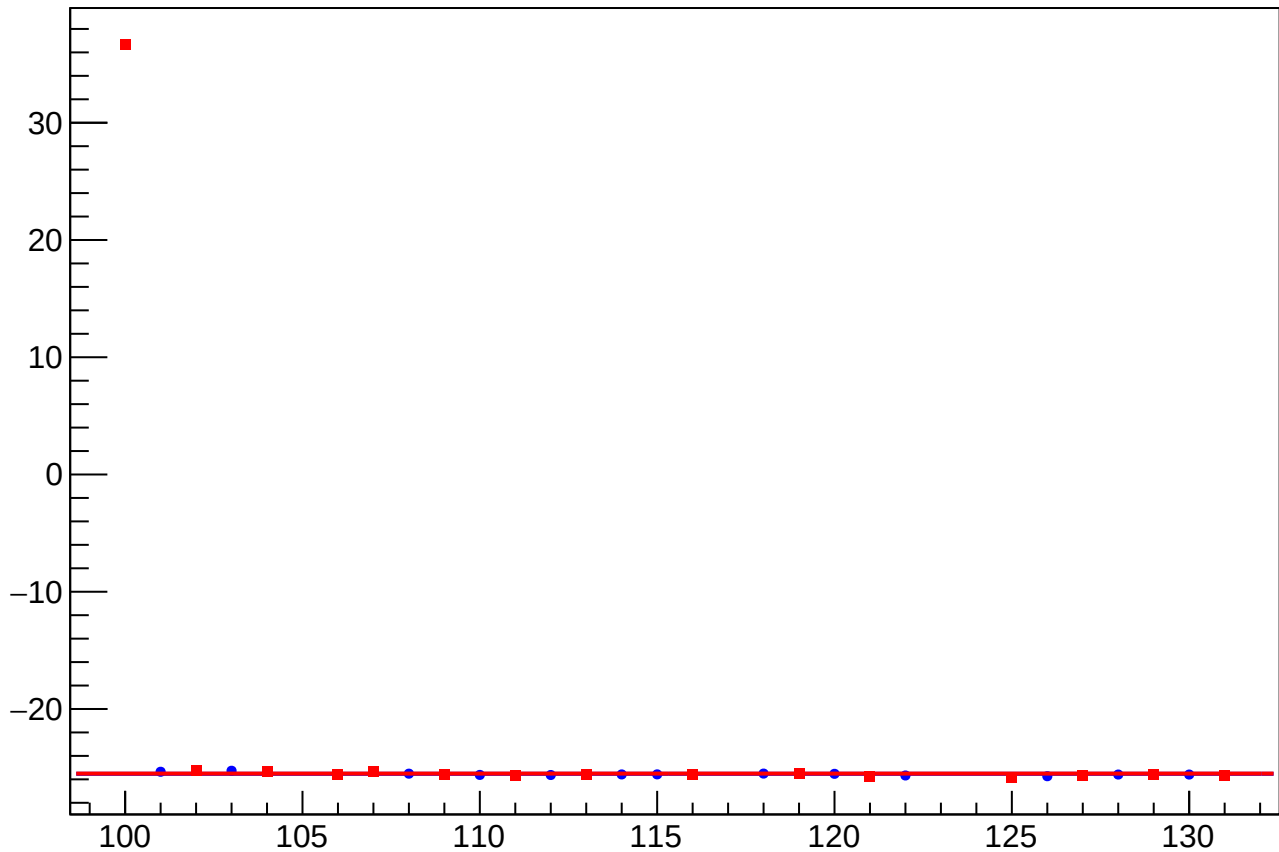
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.092+/-0.000 χ^2/NDF : 998981.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_dsl_mean vs Slug



Right In: -25.529+/-0.000 χ^2/NDF : 55630412.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.509+/-0.000 χ^2/NDF : 8878772601.8/14

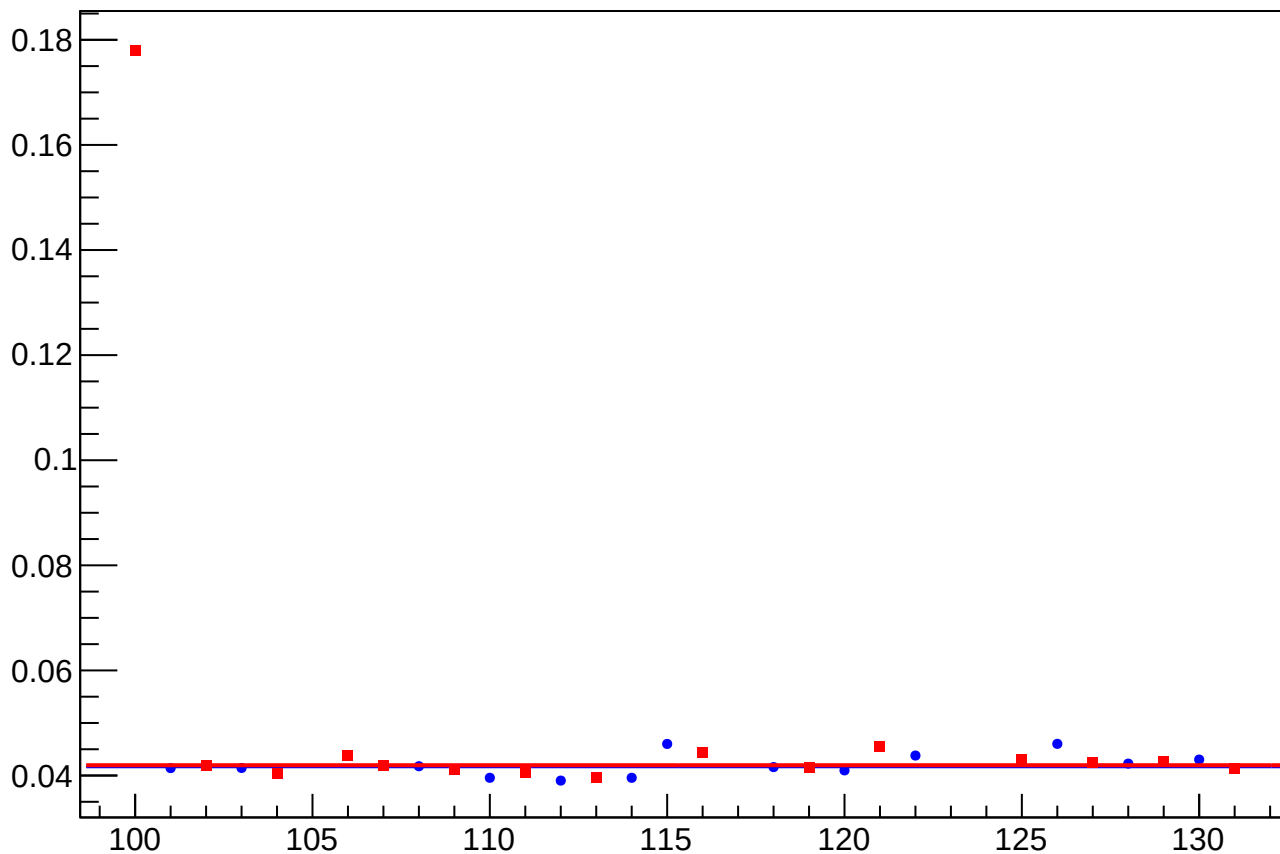
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.518+/-0.000 χ^2/NDF : 8935047770.7

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_dsl_rms vs Slug



Right In: 0.042 $\pm$ 0.000 χ^2 /NDF: 20364.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.042 $\pm$ 0.000 χ^2 /NDF: 99073.7/14

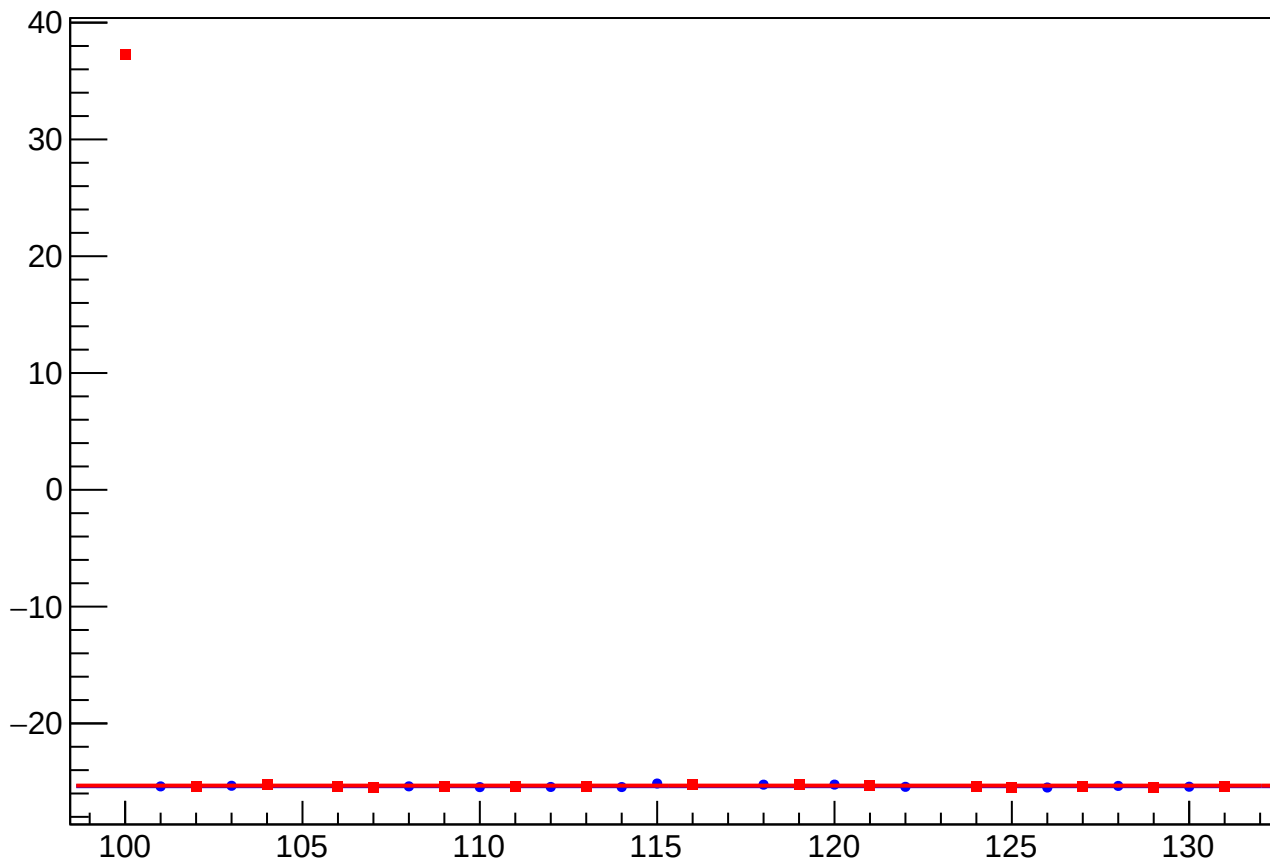
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.042 $\pm$ 0.000 χ^2 /NDF: 119570.6/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_dsr_mean vs Slug



Right In: -25.374+/-0.000 χ^2/NDF : 10465853.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.325+/-0.000 χ^2/NDF : 6314501117.0/15

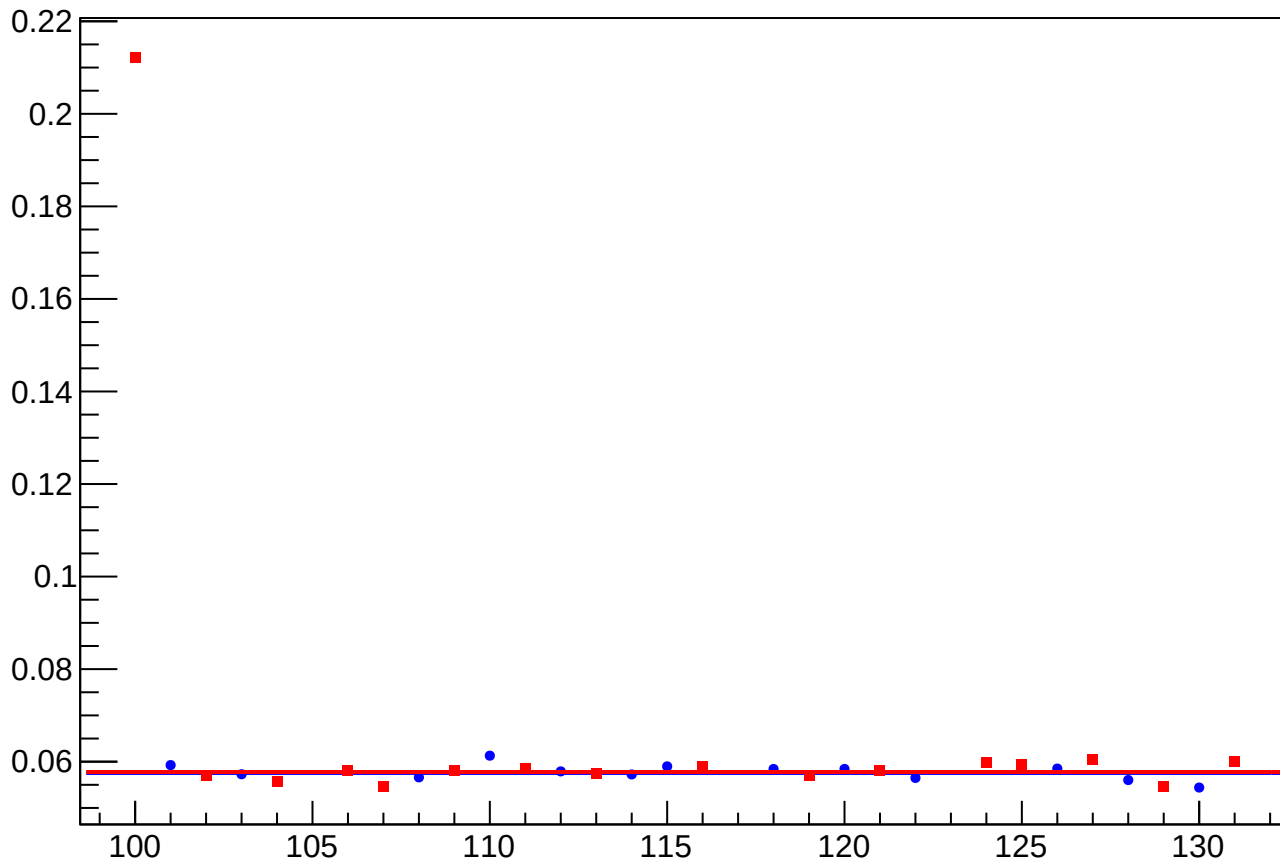
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.348+/-0.000 χ^2/NDF : 6327002268.3/17

- 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 : 9174.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.058+/-0.000 χ^2/NDF : 86760.1/15

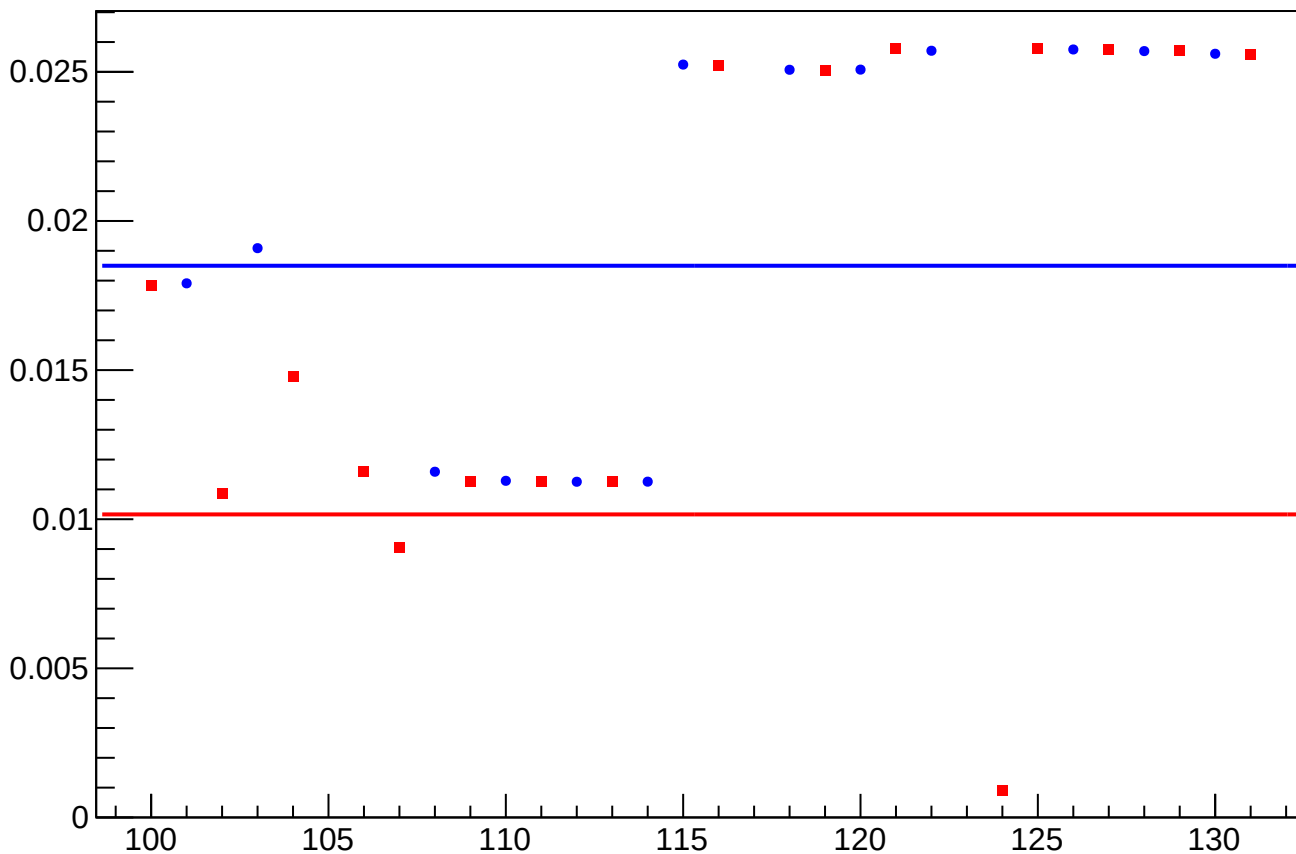
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.000 χ^2/NDF : 96004.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atl1_mean vs Slug



Right In: 0.018+/-0.000 χ^2/NDF : 50619347578.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 209563475014.8/15

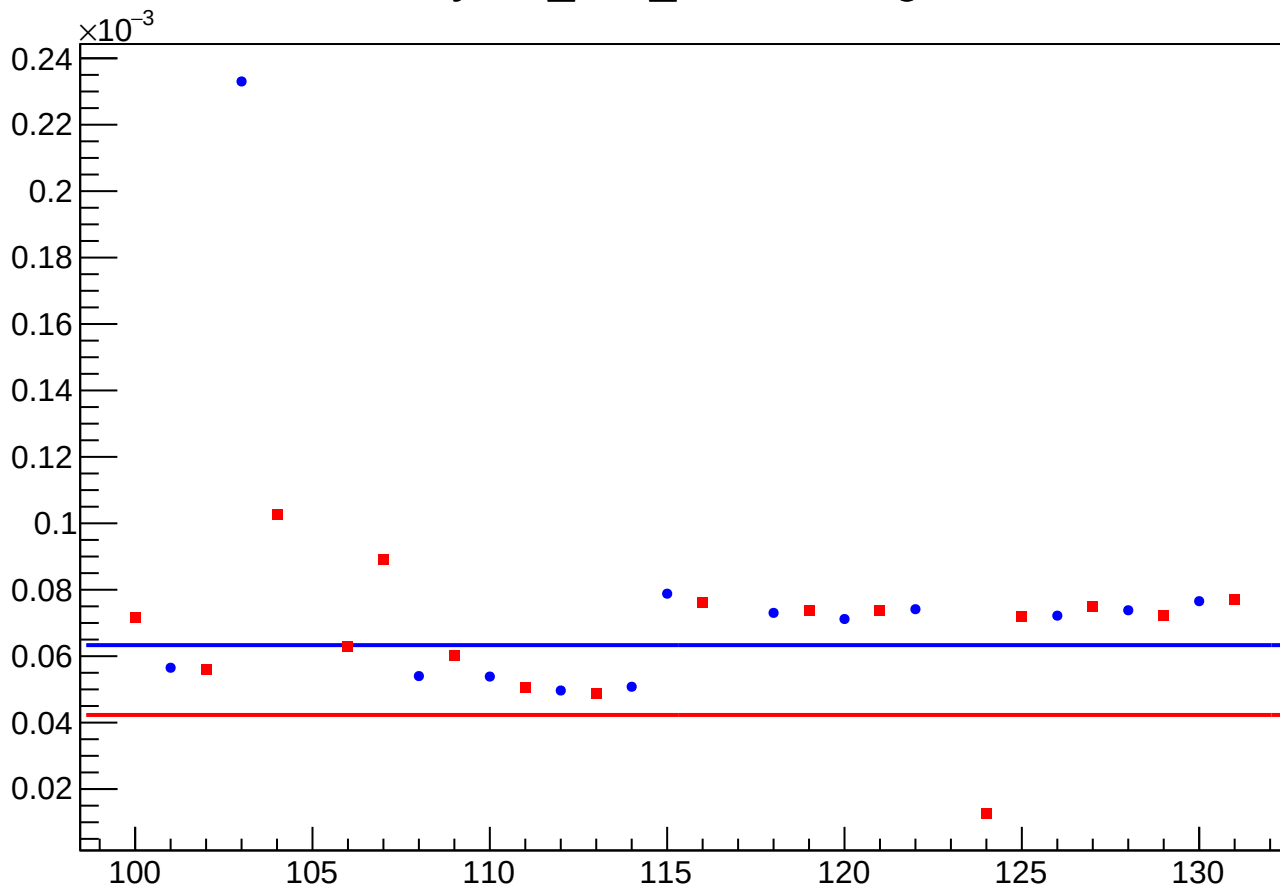
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 315815352388.1

- 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 : 784276.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3398857.4/15

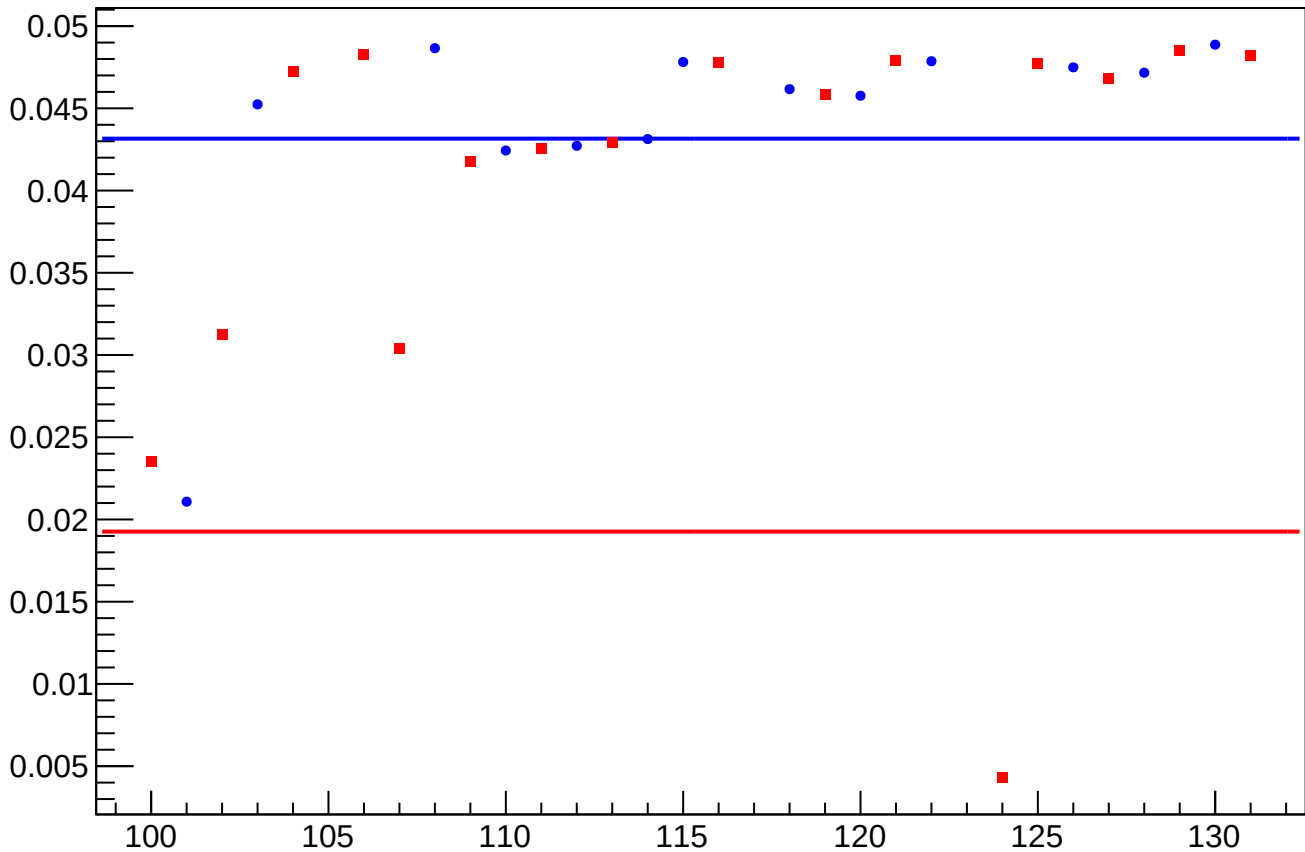
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4890458.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atl2_mean vs Slug



Right In: 0.043 $\pm$ 0.000 χ^2 /NDF: 2927462949.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.019 $\pm$ 0.000 χ^2 /NDF: 41649777402.8/15

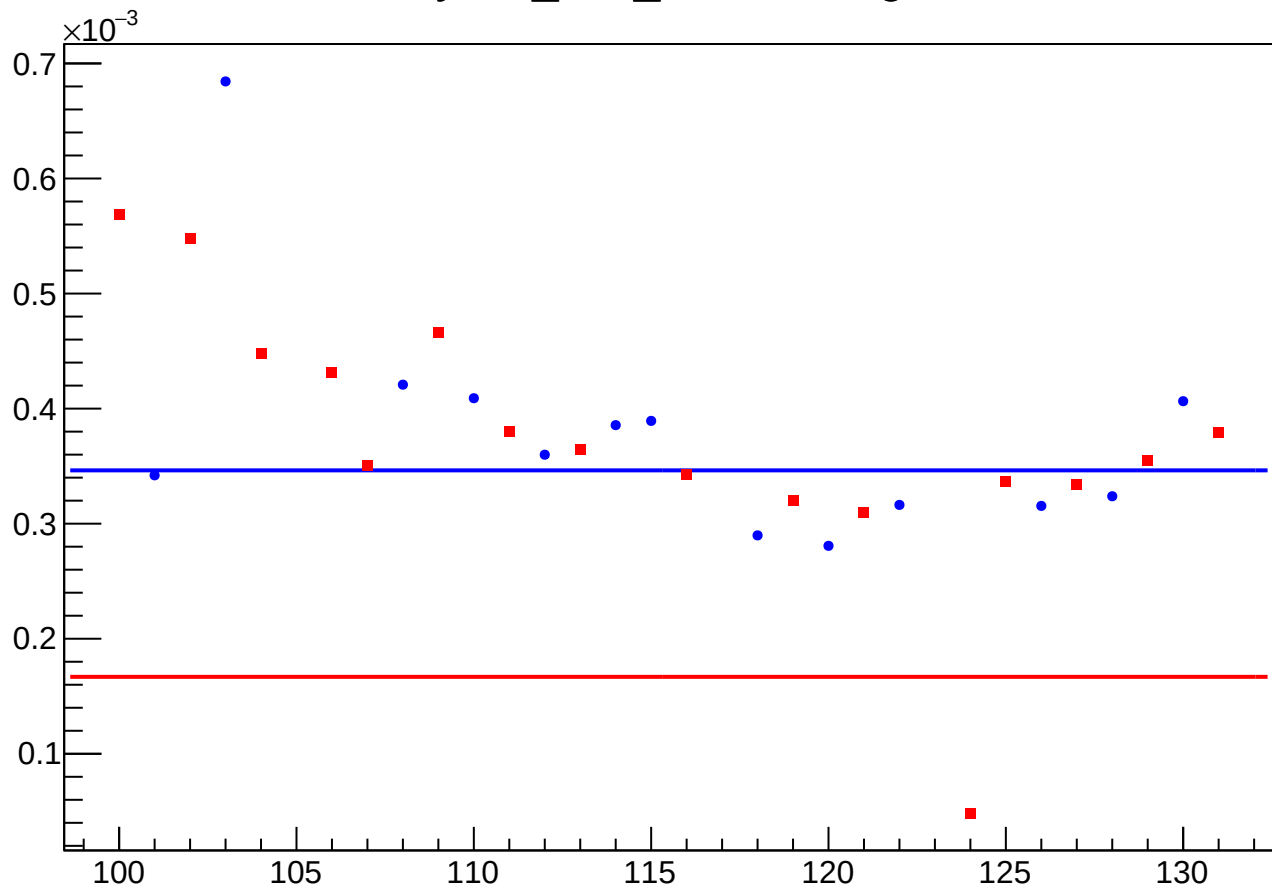
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.026 $\pm$ 0.000 χ^2 /NDF: 61184929867.2/2

- 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: 428490.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 5413946.8/15

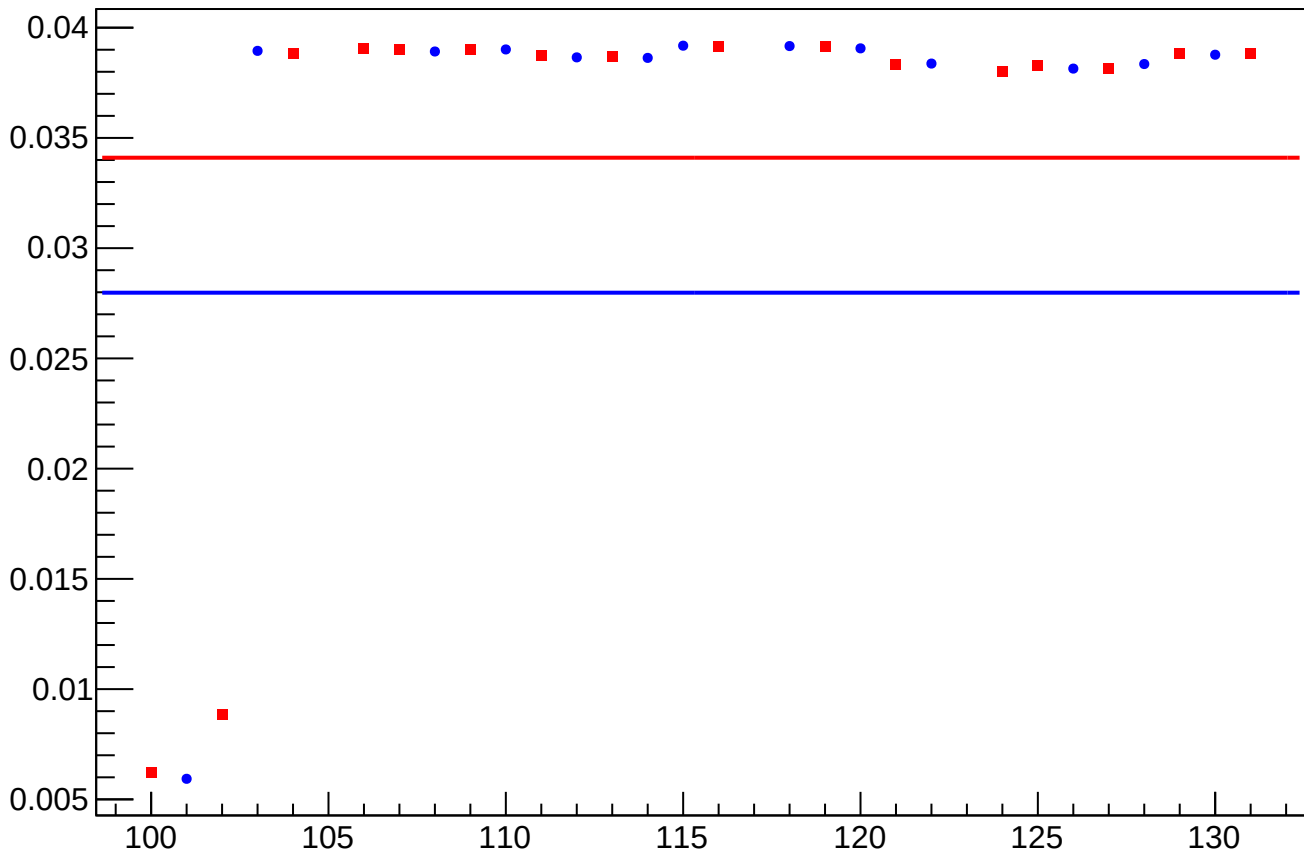
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 7716052.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_atr1_mean vs Slug



Right In: 0.028+/-0.000 χ^2/NDF : 98935563136.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.034+/-0.000 χ^2/NDF : 45896875635.8/15

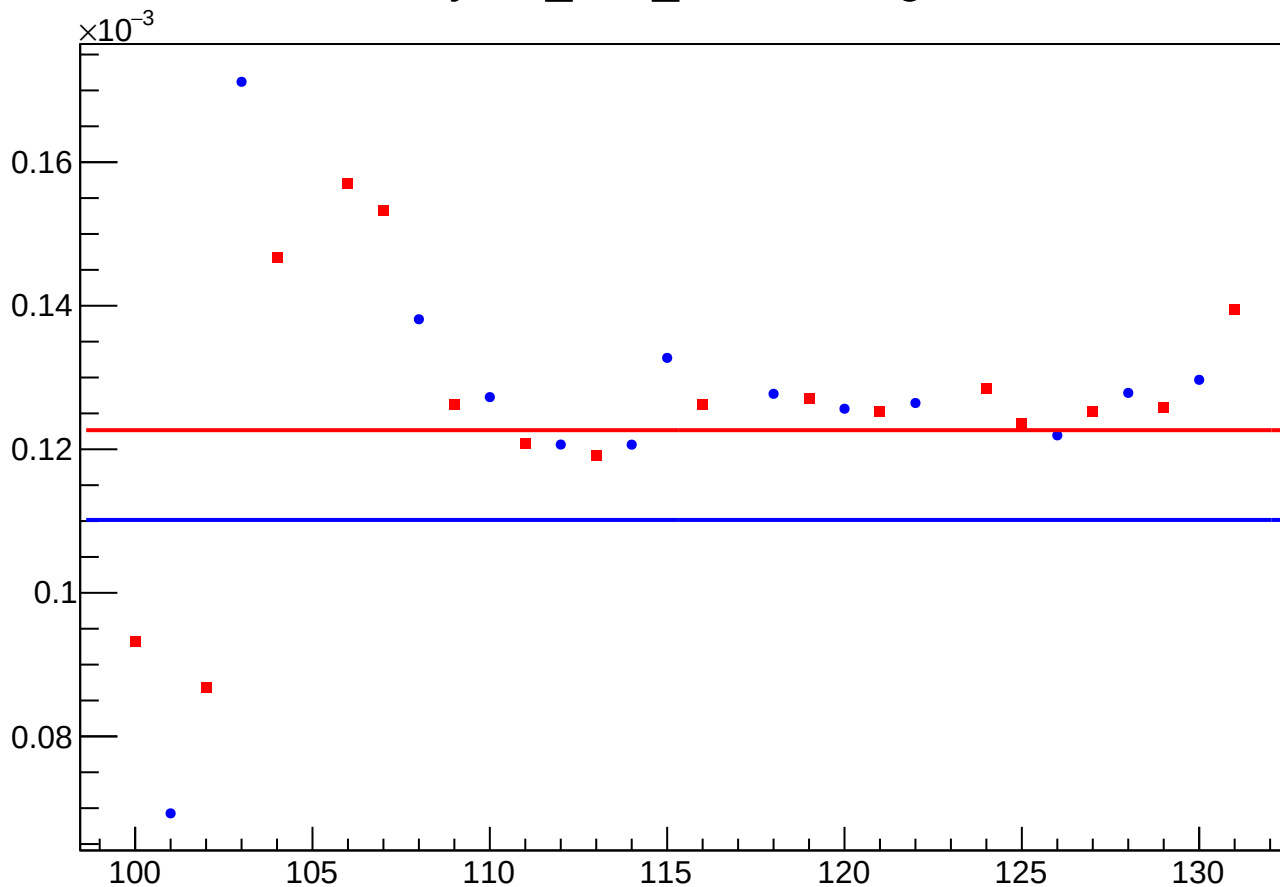
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.000 χ^2/NDF : 152354311099.2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atr1_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 765807.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 235235.6/15

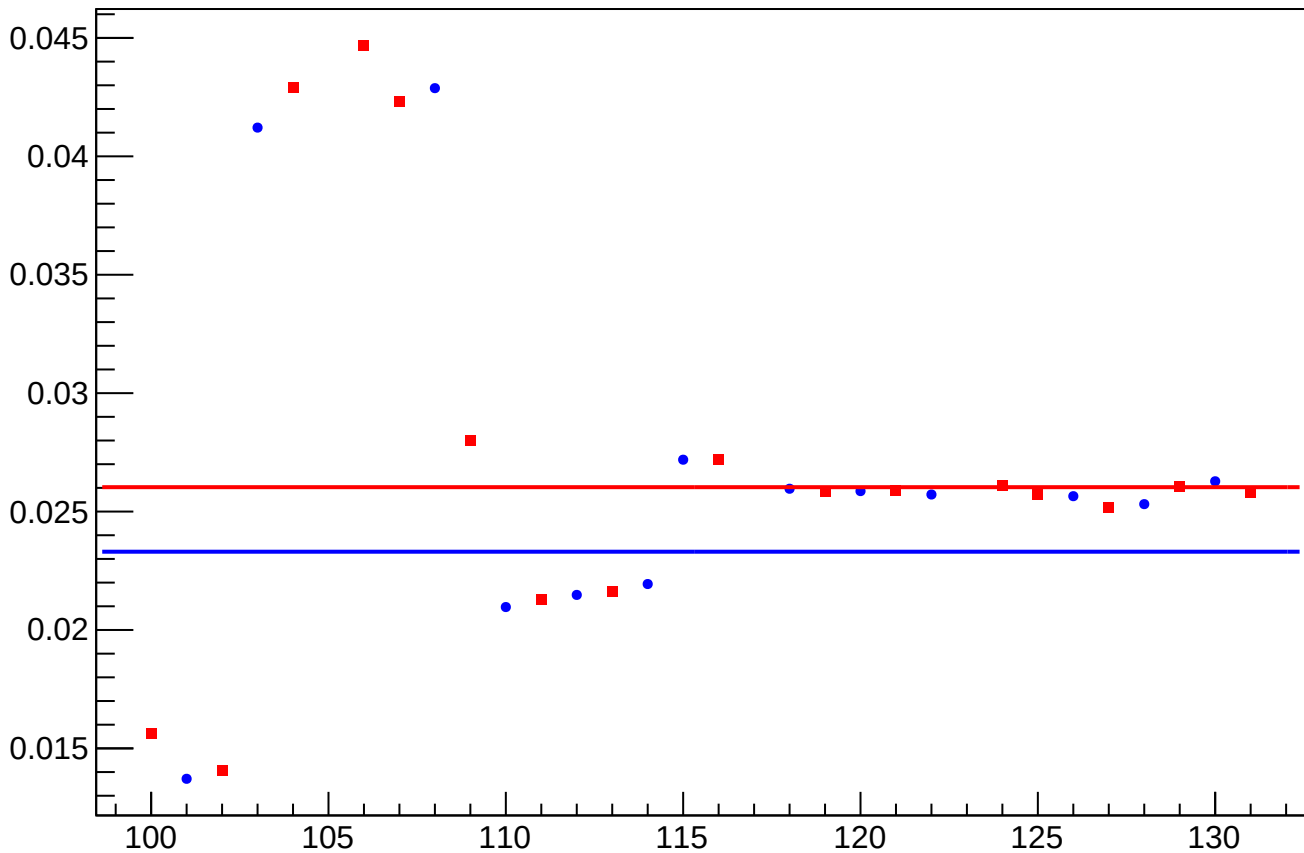
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1063816.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_atr2_mean vs Slug



Right In: 0.023+/-0.000 χ^2/NDF : 3522217321.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.000 χ^2/NDF : 3233662071.2/15

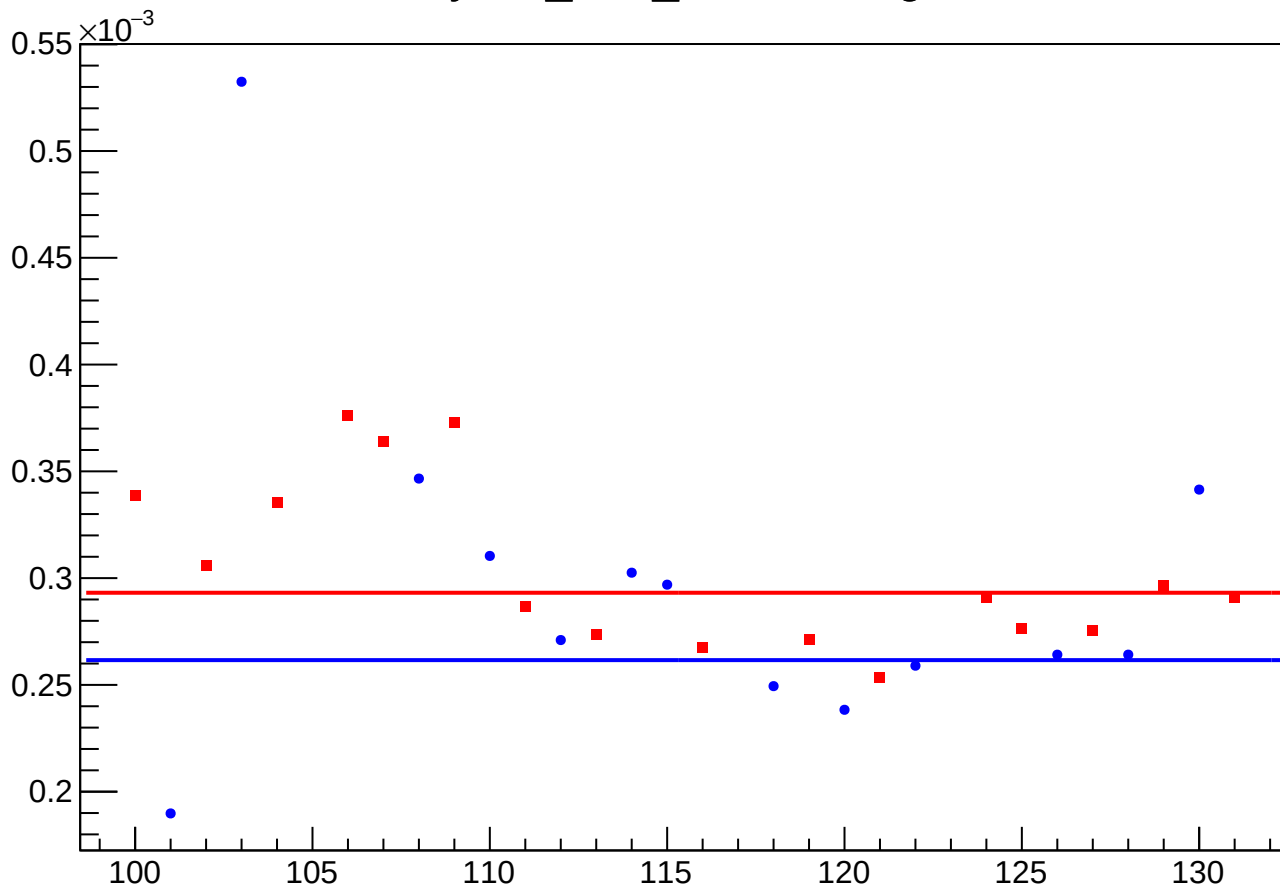
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.000 χ^2/NDF : 7003526689.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atr2_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 586168.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 142116.3/15

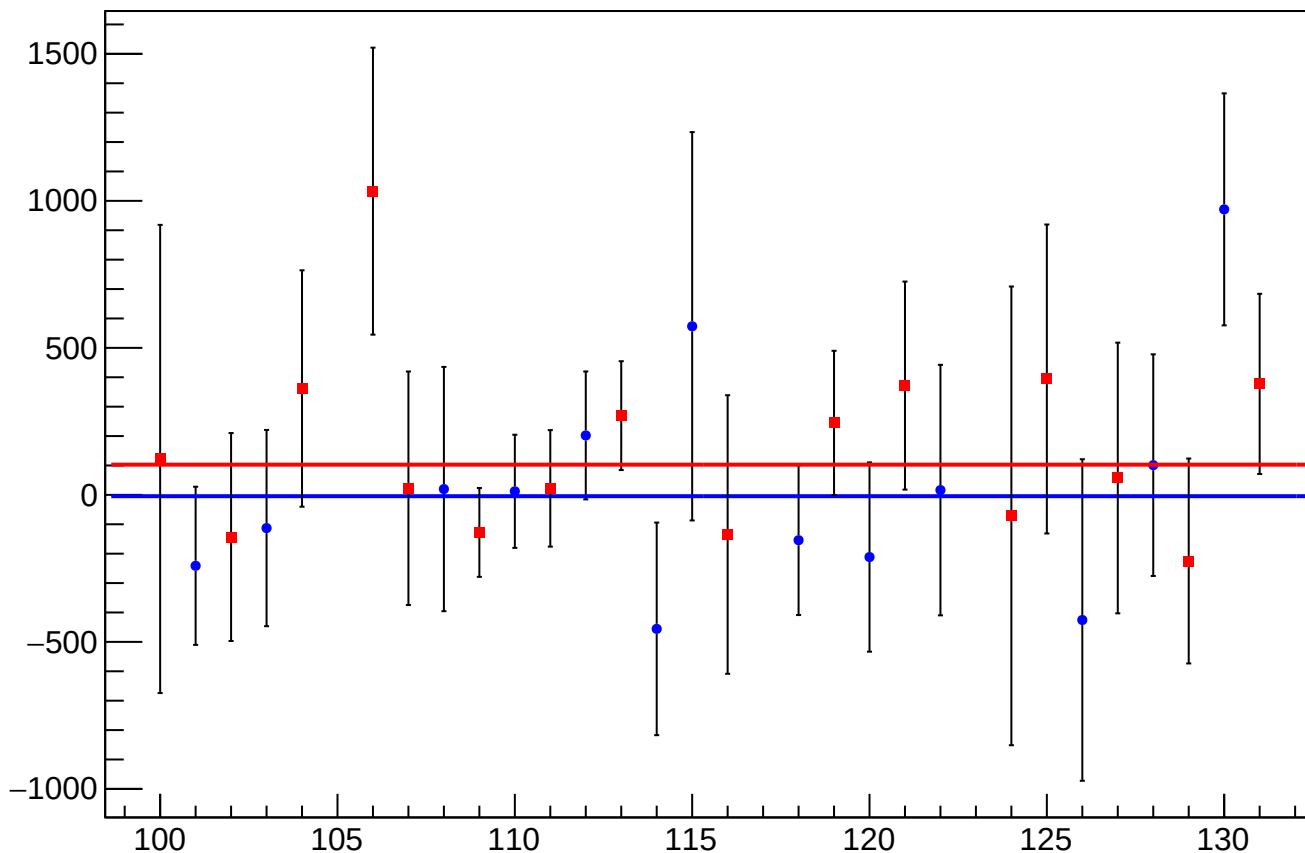
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 794668.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: -4.515 ± 86.368 $\chi^2/\text{NDF}: 11.7/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 102.754 ± 73.986 $\chi^2/\text{NDF}: 11.1/15$

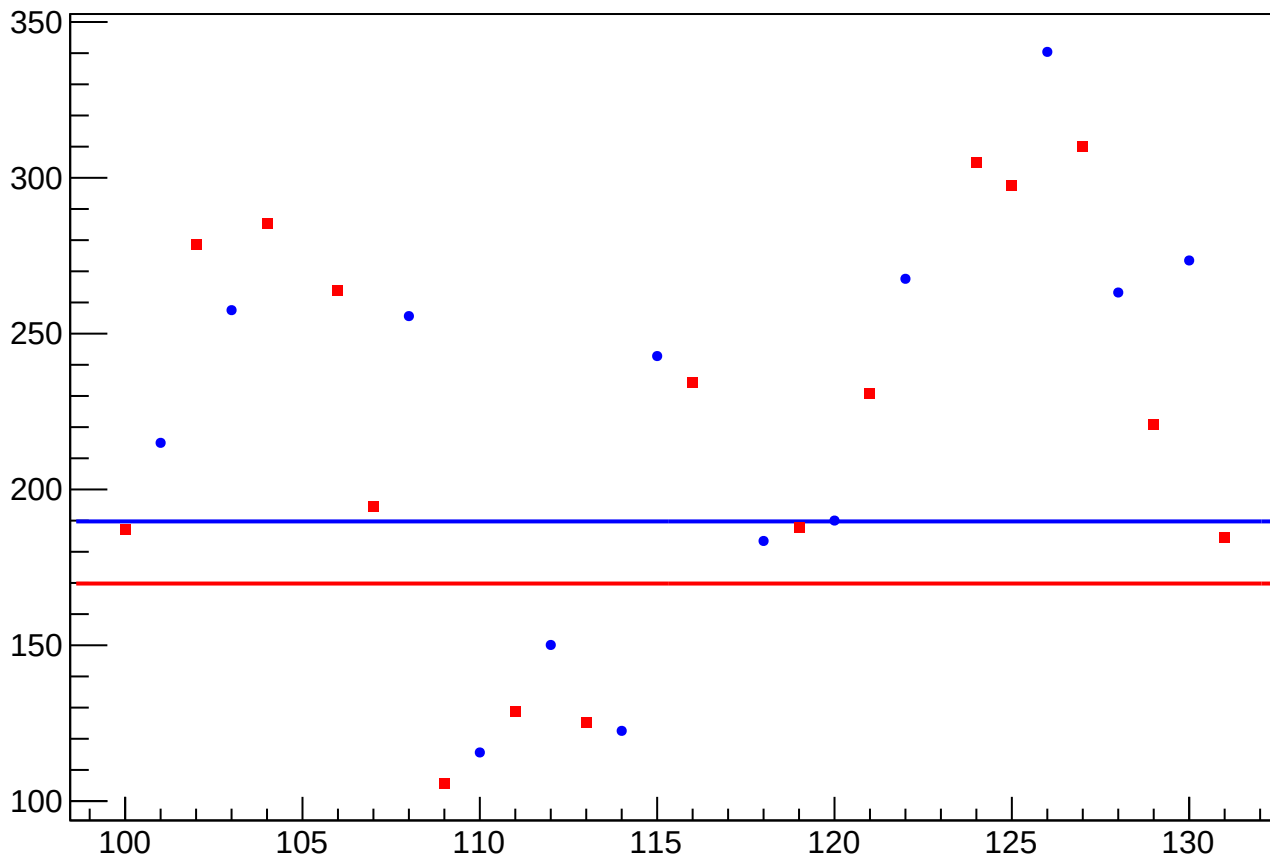
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 57.353 ± 56.188 $\chi^2/\text{NDF}: 23.7/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 189.747+/-0.061 χ^2/NDF : 981523.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.812+/-0.052 χ^2/NDF : 1519029.3/15

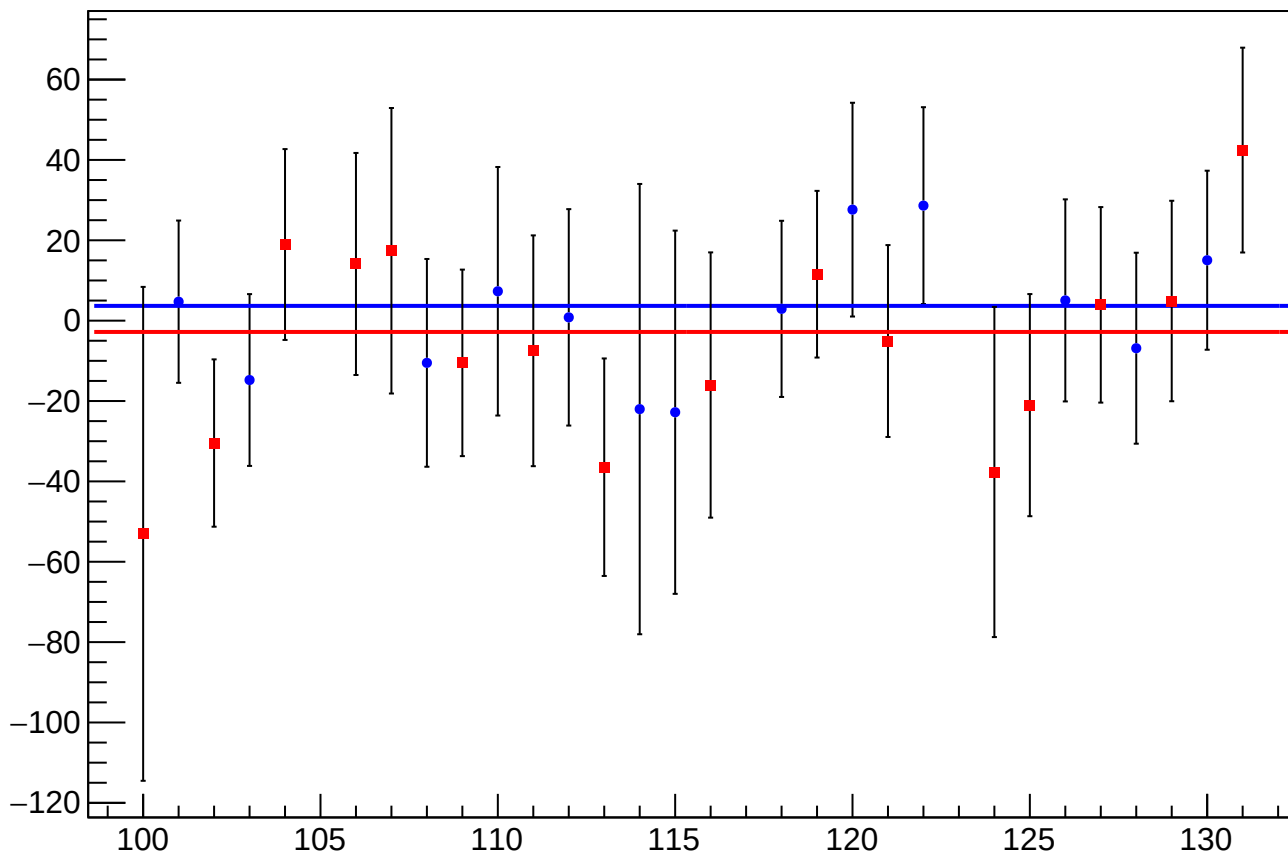
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.249+/-0.040 χ^2/NDF : 2562009.0/28

- 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: 3.679 $\pm$ 7.089 χ^2 /NDF: 3.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.809 $\pm$ 6.650 χ^2 /NDF: 10.8/15

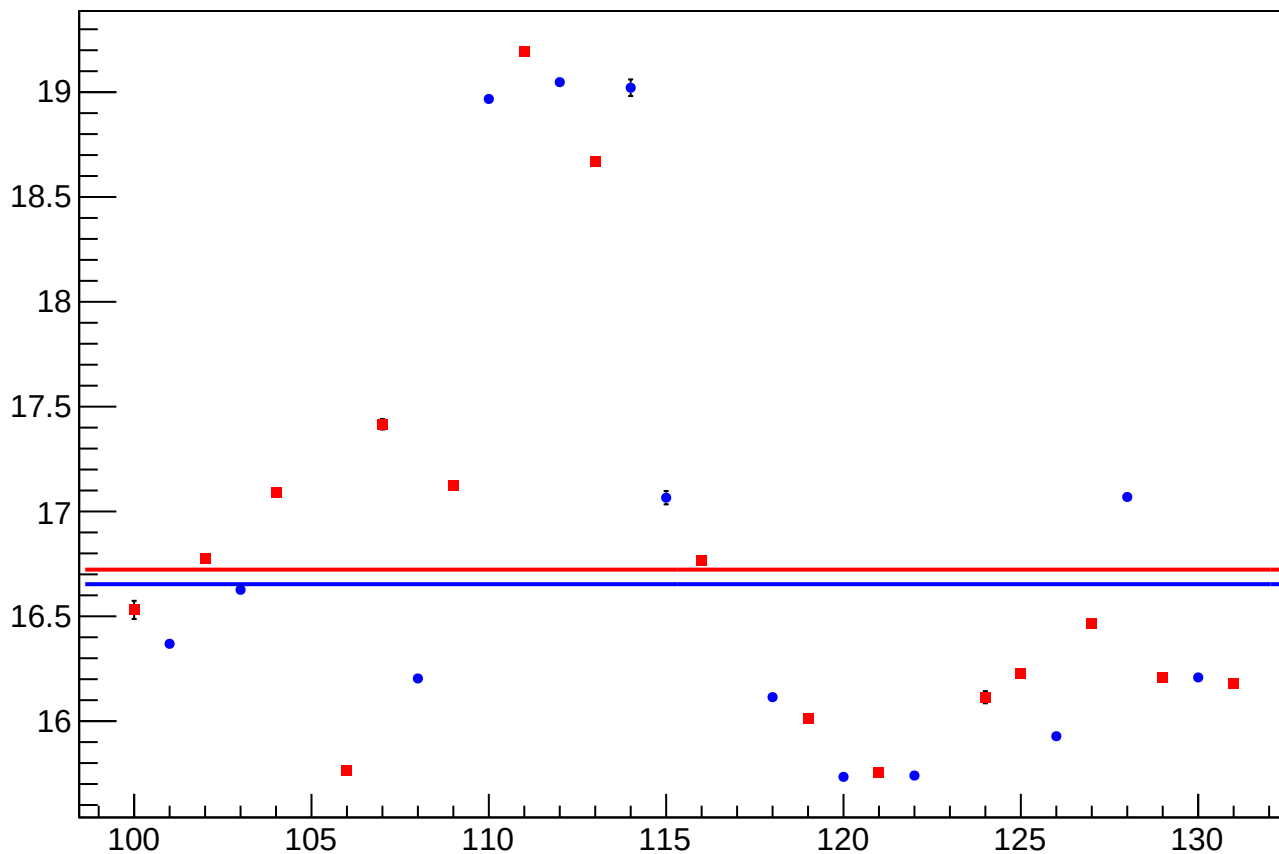
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.228 $\pm$ 4.850 χ^2 /NDF: 15.2/28

- 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: 16.653+/-0.005 χ^2/NDF : 41201.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.723+/-0.005 χ^2/NDF : 38095.0/15

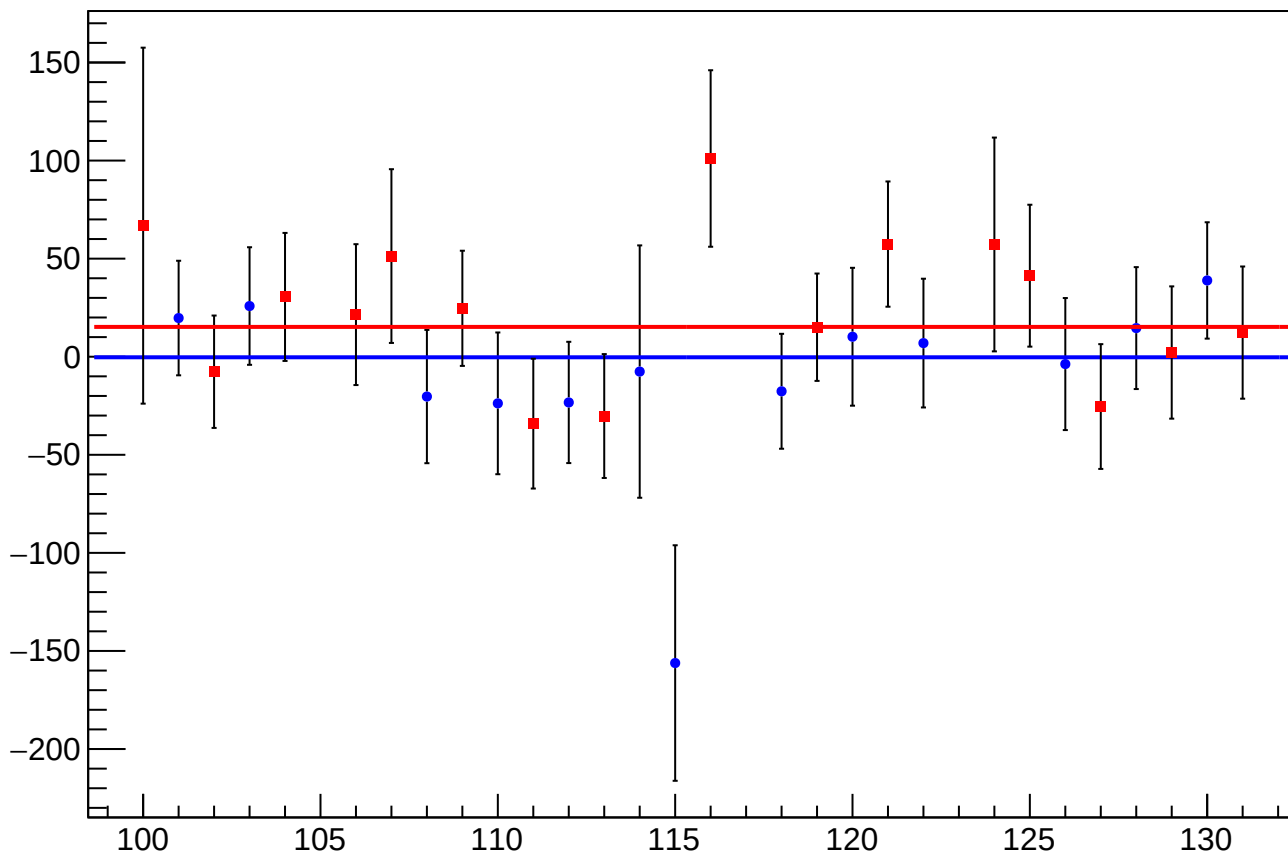
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.690+/-0.003 χ^2/NDF : 79398.9/28

- 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: -0.286 ± 9.349 χ^2/NDF : 11.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 15.201 ± 8.671 χ^2/NDF : 14.6/15

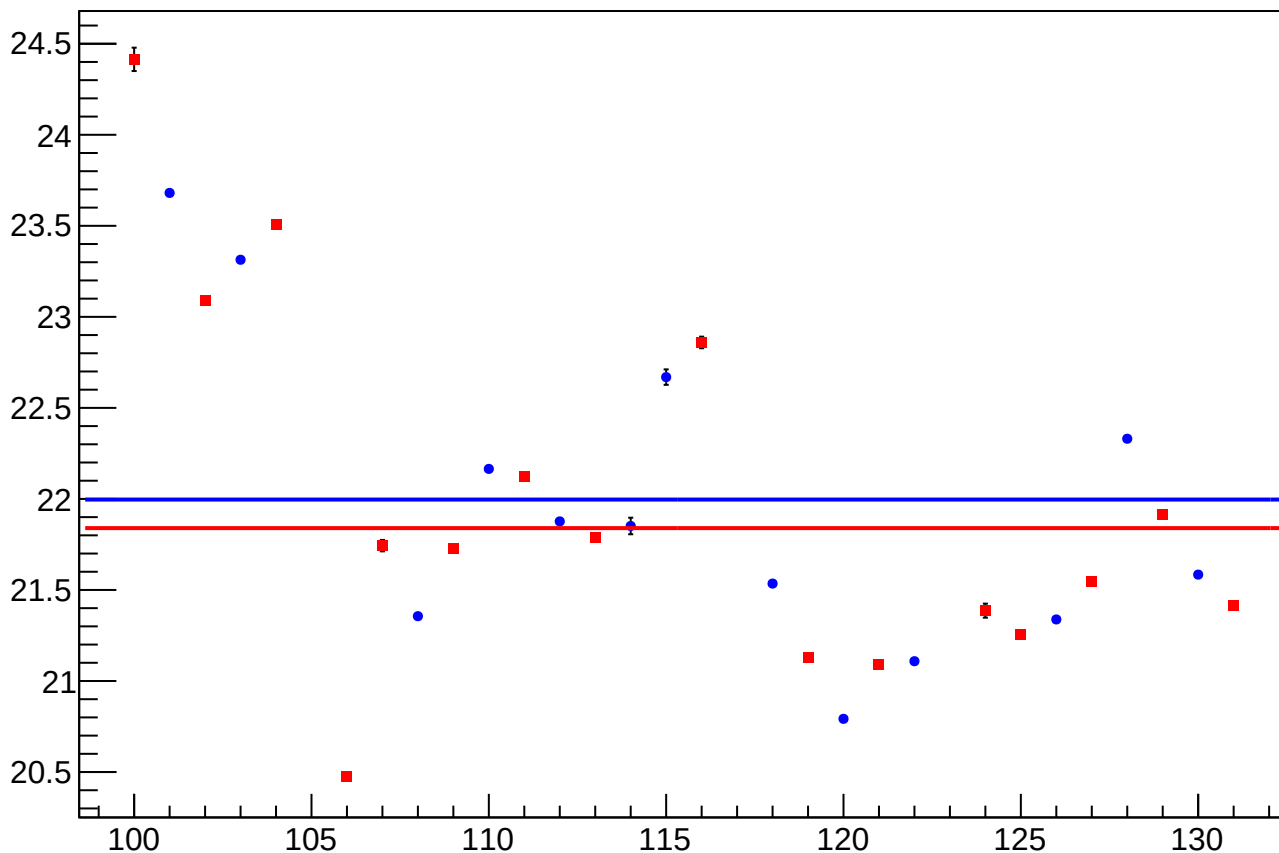
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 8.039 ± 6.358 χ^2/NDF : 27.8/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug



Right In: 21.997 $\pm$ 0.007 χ^2 /NDF: 17252.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.840 $\pm$ 0.006 χ^2 /NDF: 18364.8/15

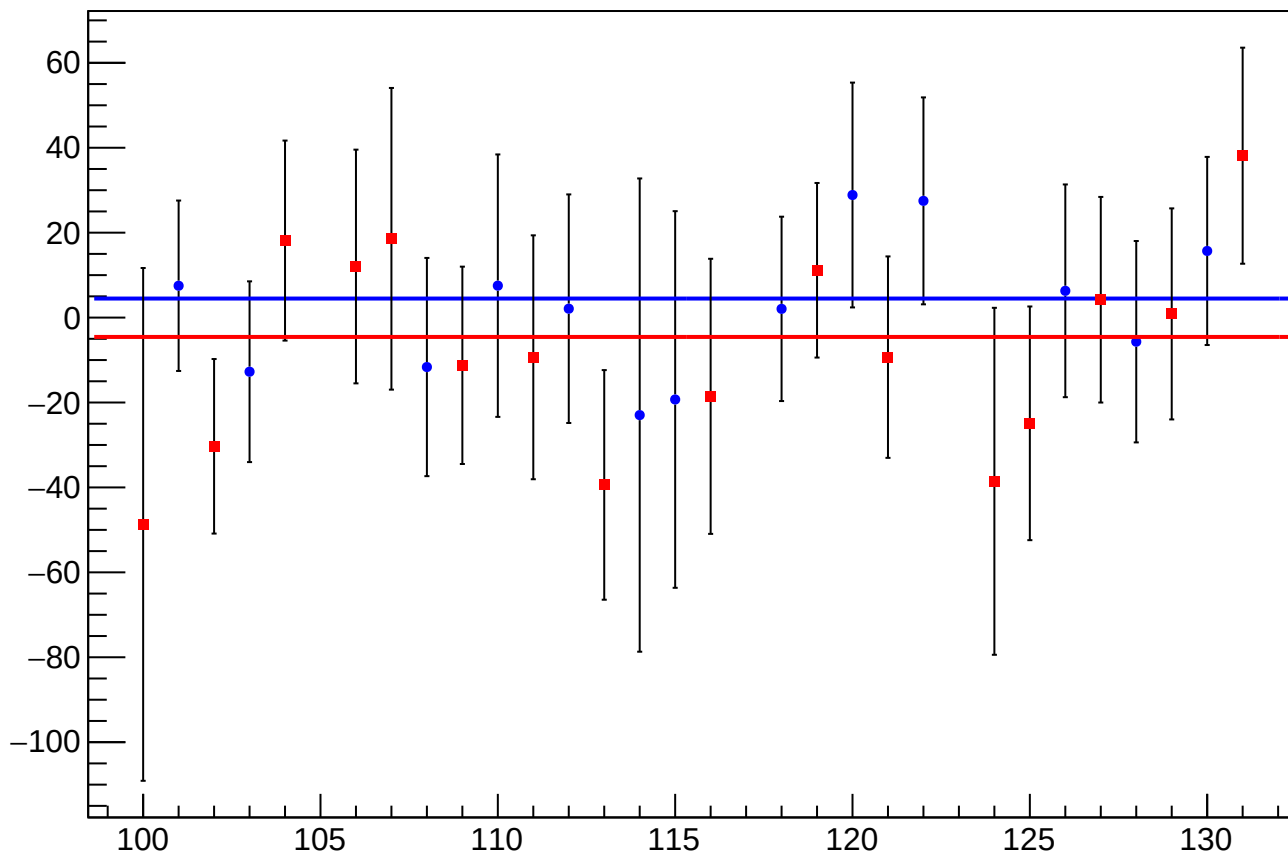
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.912 $\pm$ 0.004 χ^2 /NDF: 35919.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 4.484+/-7.053 χ^2/NDF : 3.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.558+/-6.612 χ^2/NDF : 10.6/15

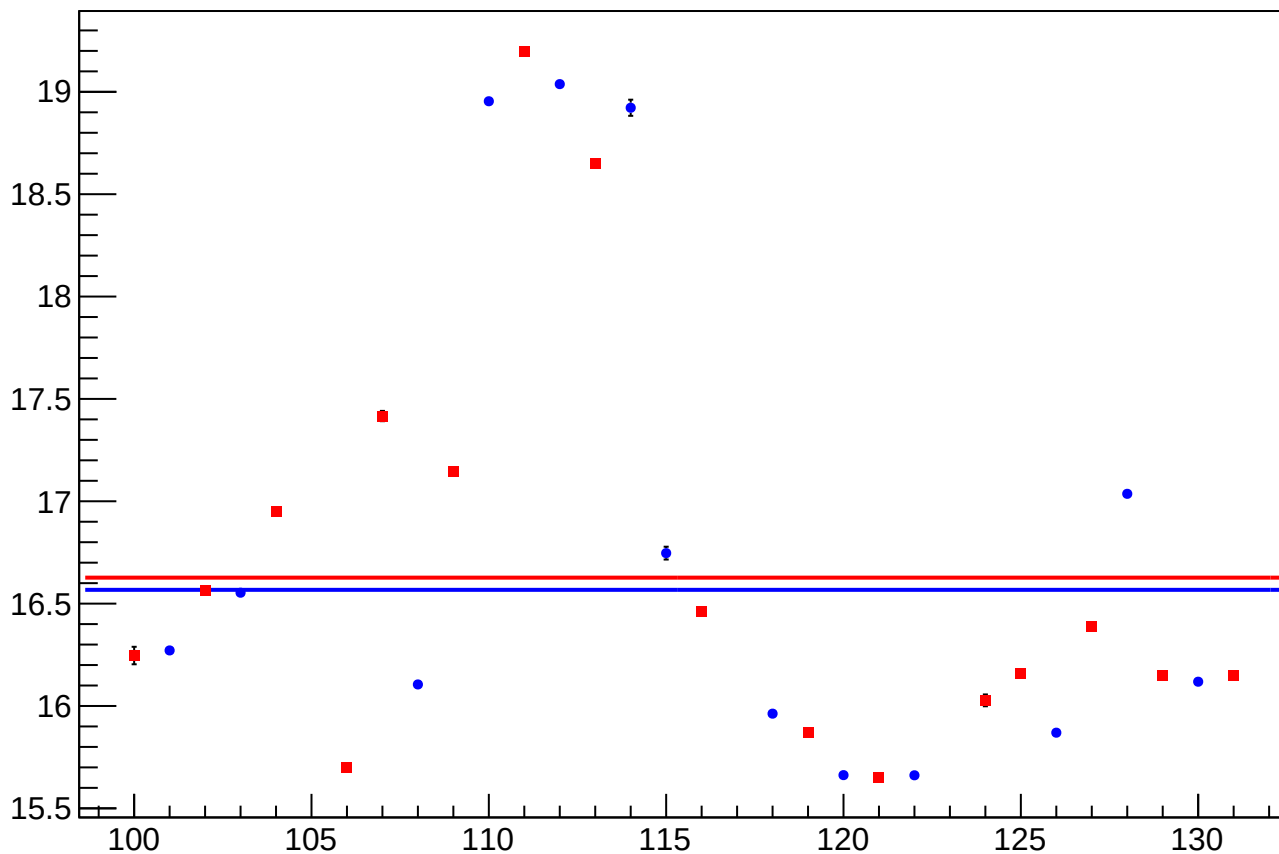
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.328+/-4.824 χ^2/NDF : 15.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 16.567+/-0.005 χ^2/NDF : 43269.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.627+/-0.005 χ^2/NDF : 40714.3/15

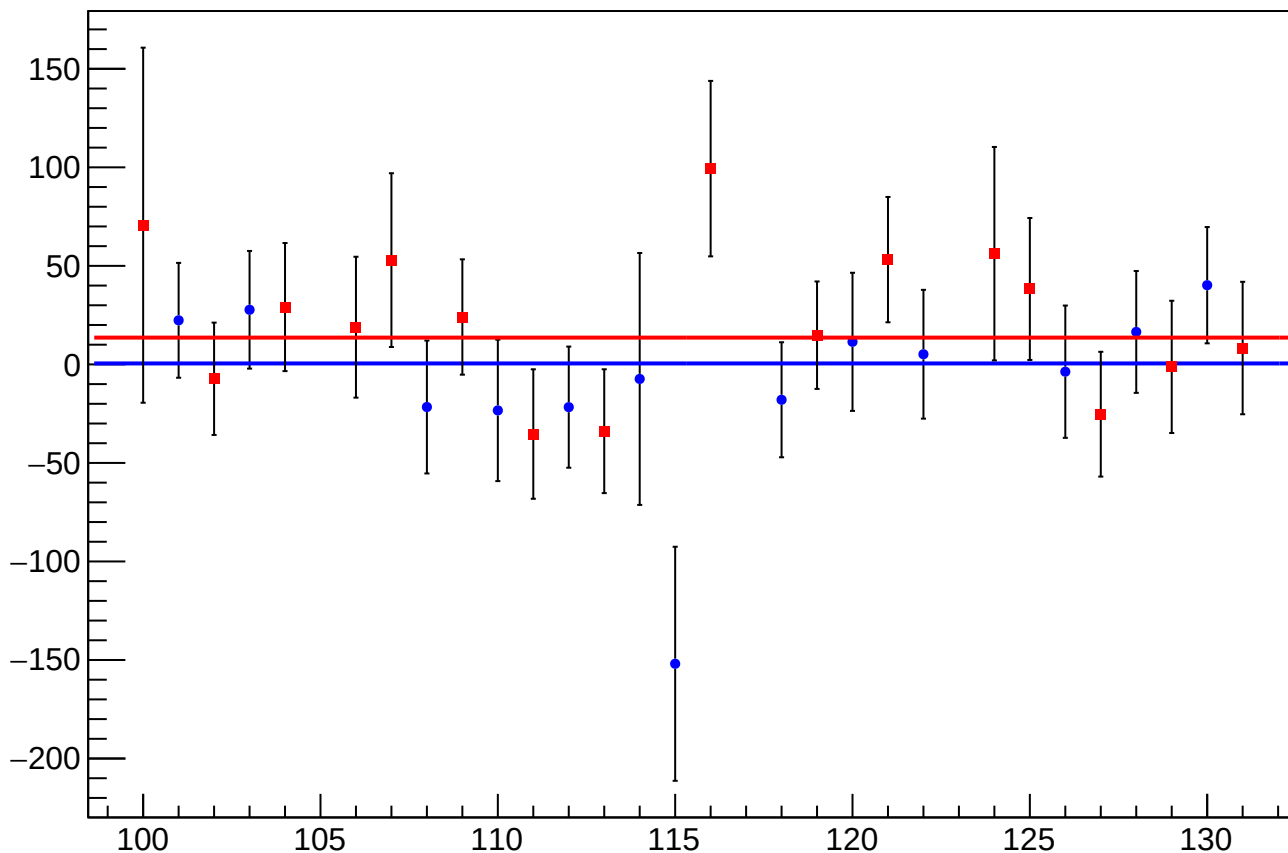
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.599+/-0.003 χ^2/NDF : 84059.4/28

- 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: 0.486 $\pm$ 9.305 χ^2 /NDF: 12.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.596 $\pm$ 8.630 χ^2 /NDF: 14.7/15

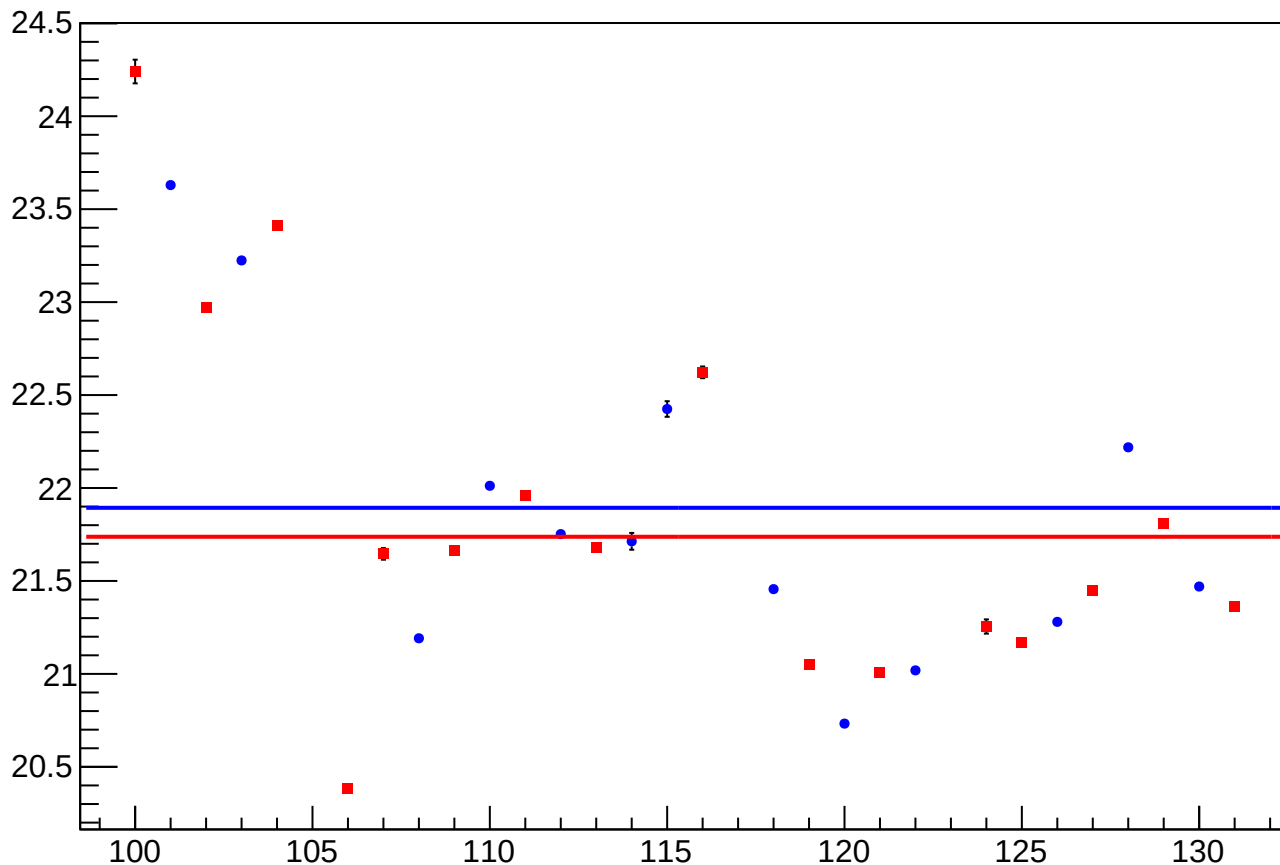
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.533 $\pm$ 6.328 χ^2 /NDF: 27.8/28

- 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: 21.894 ± 0.007 χ^2/NDF : 17556.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 21.738 ± 0.006 χ^2/NDF : 17799.3/15

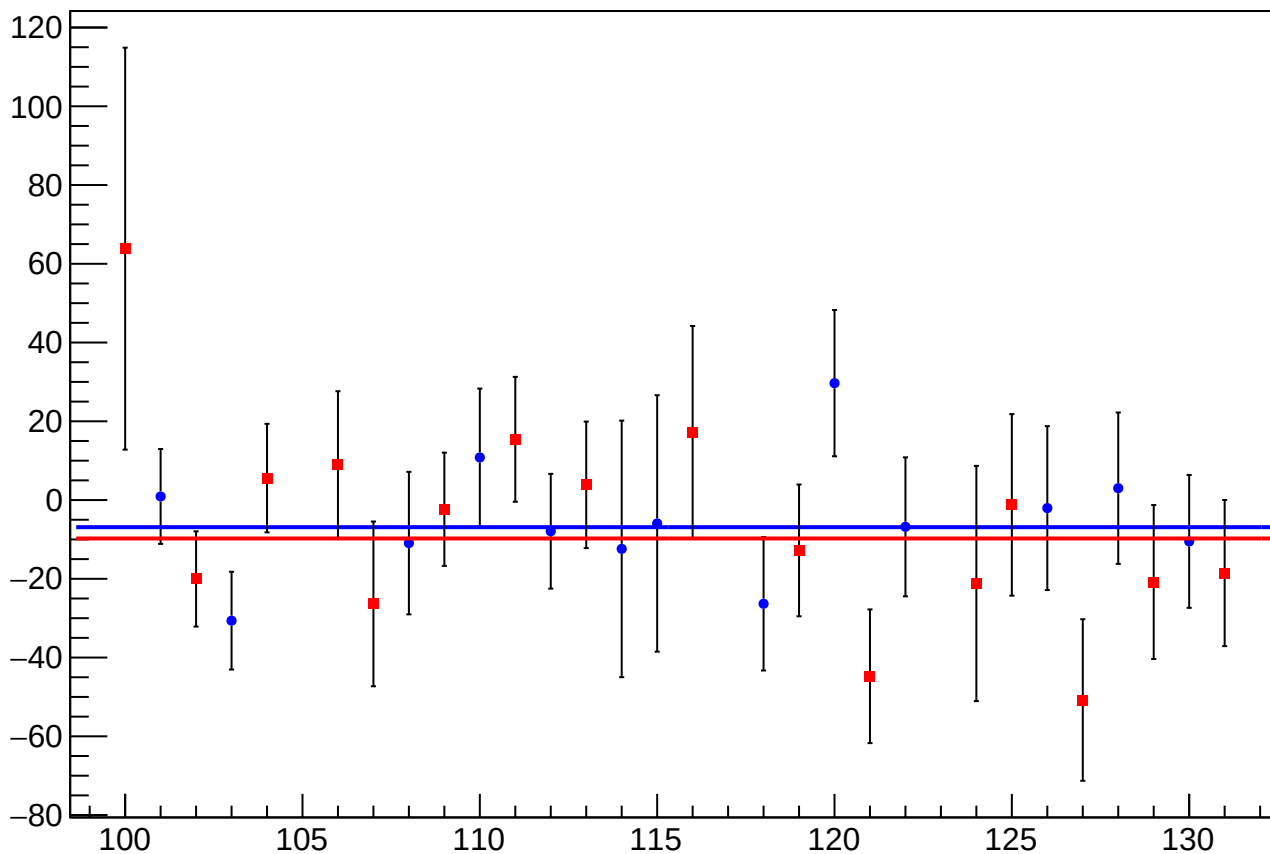
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 21.810 ± 0.004 χ^2/NDF : 35657.4/28

- 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: -6.888+/-4.745 χ^2/NDF : 10.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.758+/-4.488 χ^2/NDF : 19.3/15

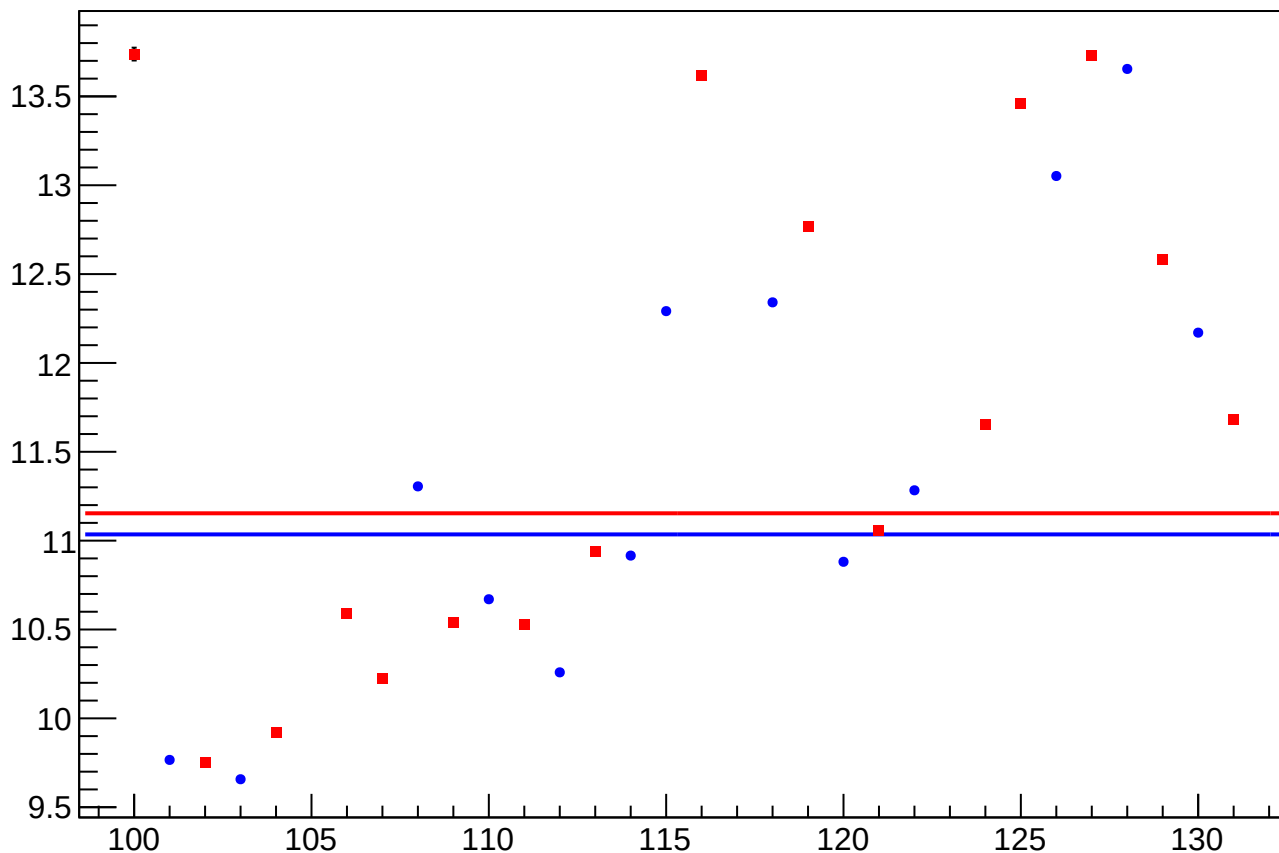
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.403+/-3.261 χ^2/NDF : 30.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 11.035+/-0.003 χ^2/NDF : 134180.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.154+/-0.003 χ^2/NDF : 160658.4/15

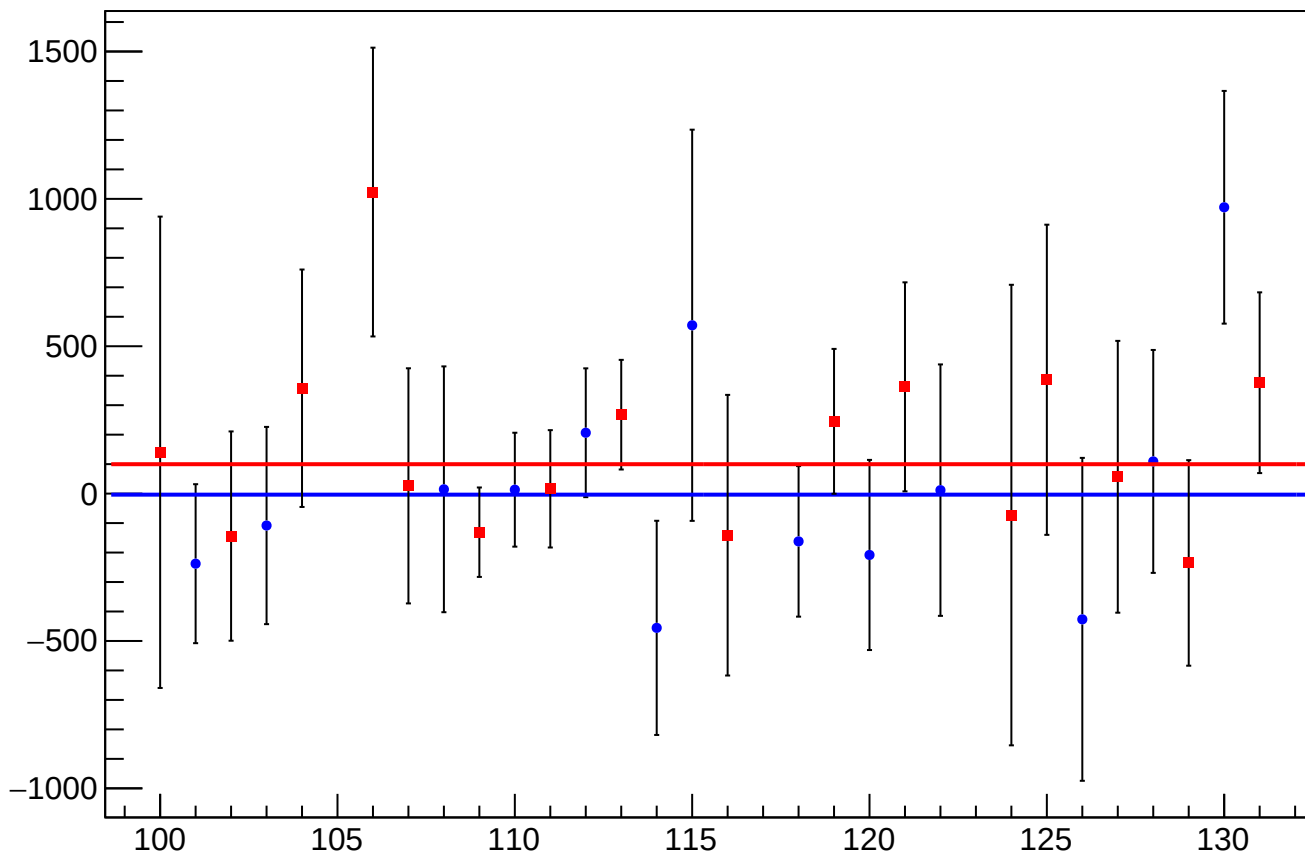
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.098+/-0.002 χ^2/NDF : 295500.1/28

- 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: -3.549+/-86.656 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.765+/-74.241 χ^2/NDF : 11.0/15

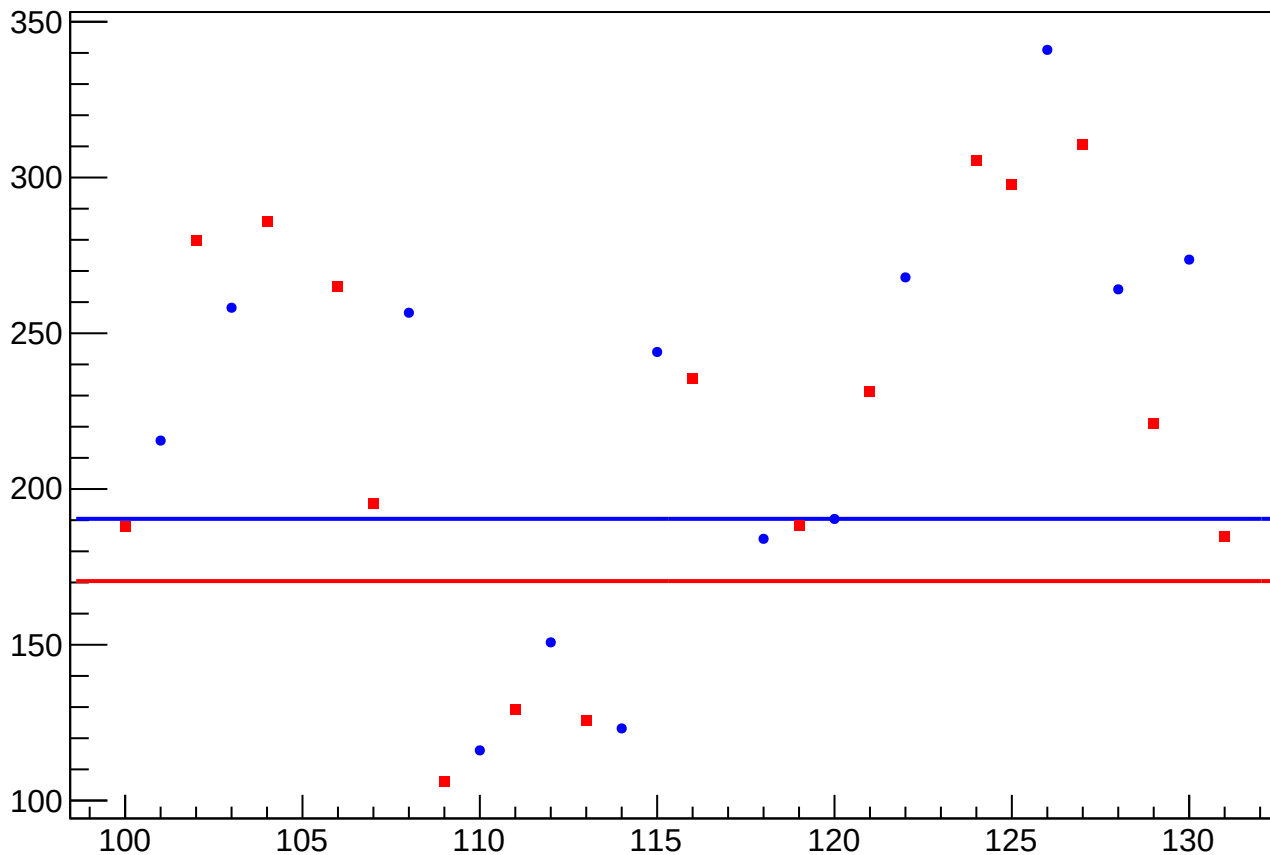
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.033+/-56.380 χ^2/NDF : 23.5/28

- 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: 190.432 $\pm$ 0.061 χ^2 /NDF: 976206.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 170.452 $\pm$ 0.052 χ^2 /NDF: 1512150.4/15

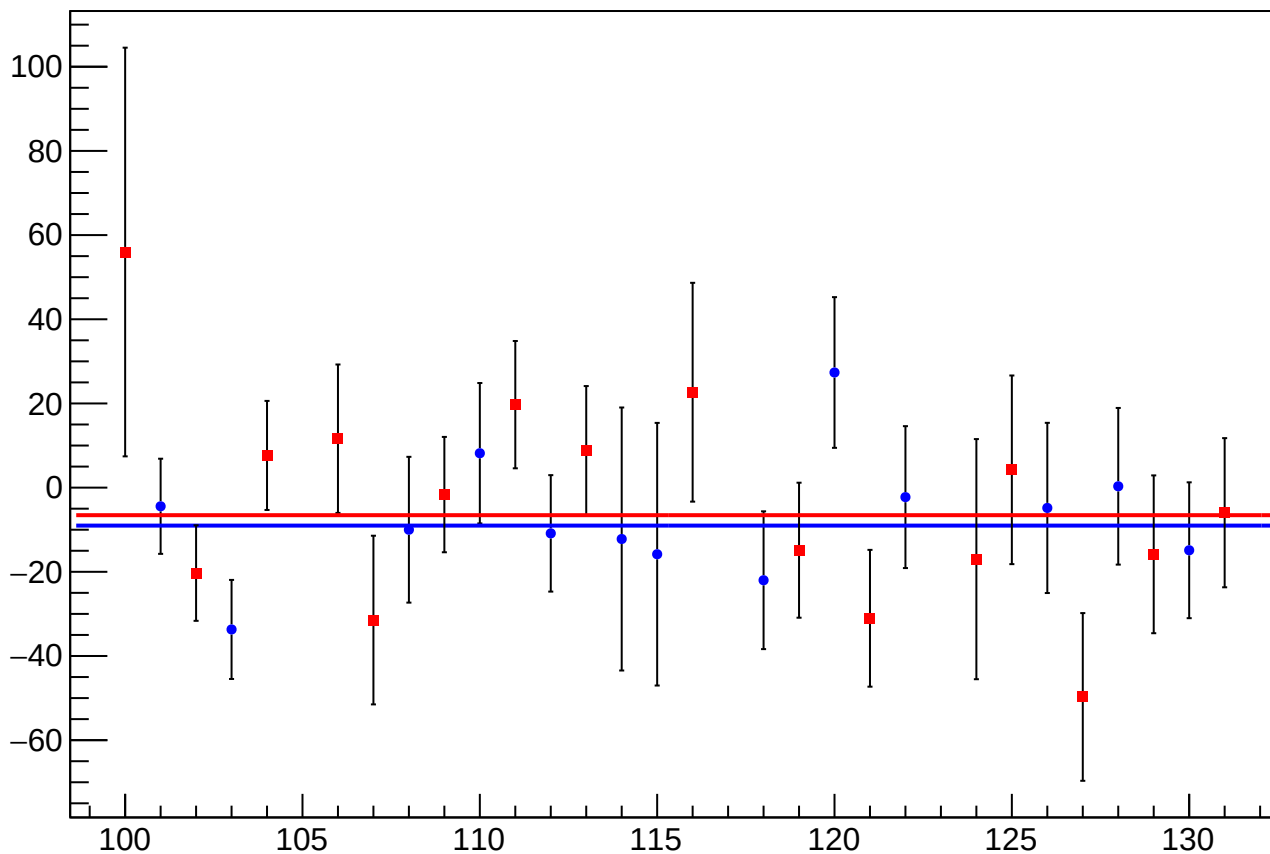
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 178.909 $\pm$ 0.040 χ^2 /NDF: 2549675.9/28

- 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: -9.020 $\pm$ 4.527 χ^2 /NDF: 11.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -6.546 $\pm$ 4.275 χ^2 /NDF: 20.2/15

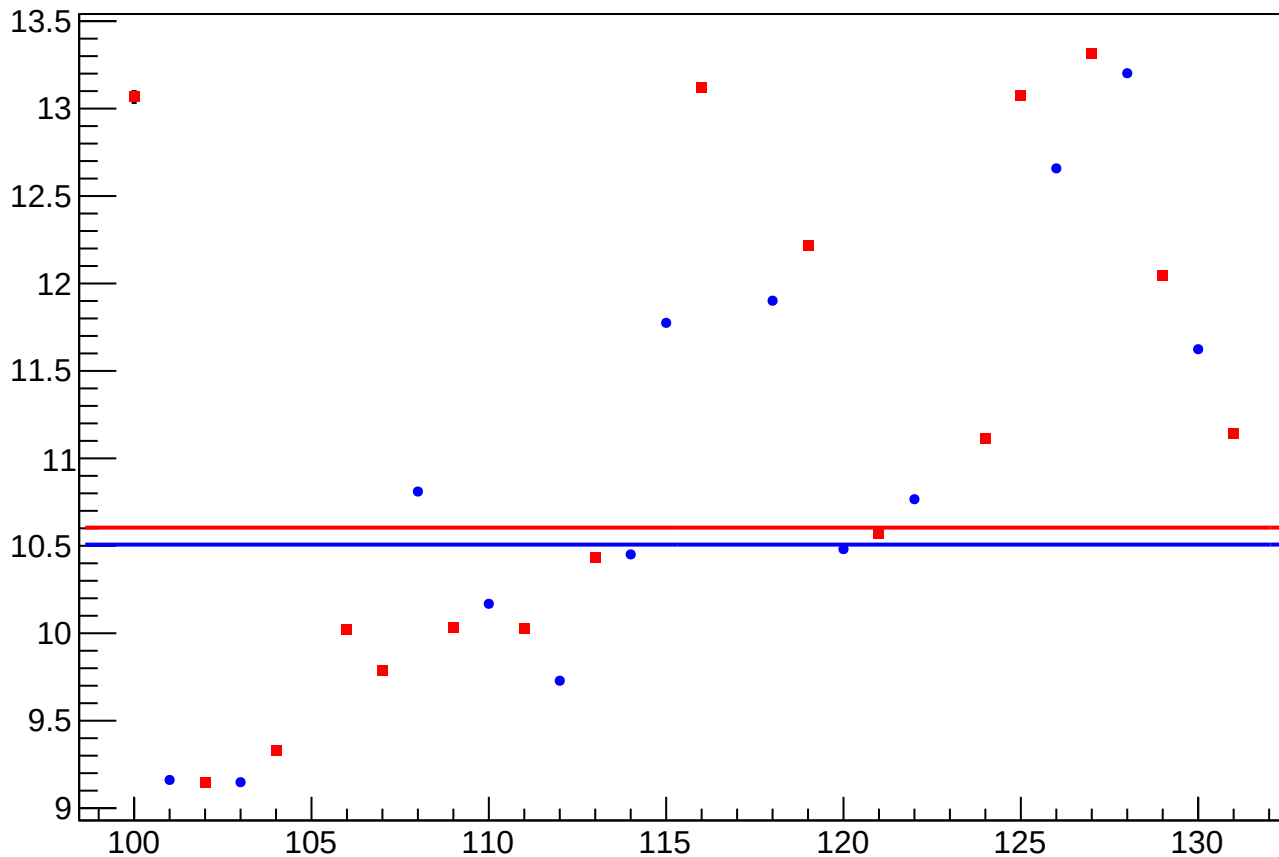
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -7.712 $\pm$ 3.108 χ^2 /NDF: 31.4/28

- 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: 10.507+/-0.003 χ^2/NDF : 155276.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.604+/-0.003 χ^2/NDF : 184282.7/15

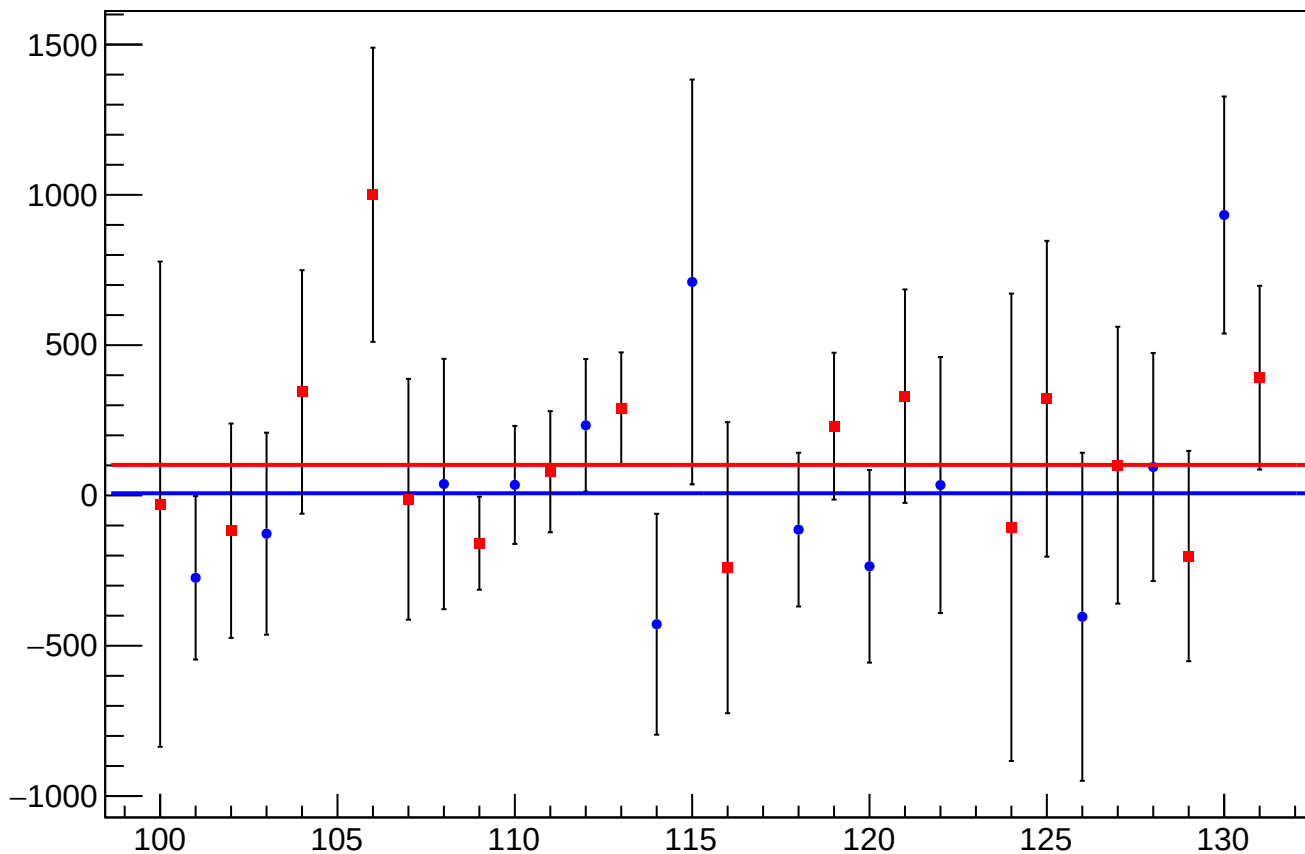
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.558+/-0.002 χ^2/NDF : 340046.0/28

- 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: 7.274+/-87.181 χ^2/NDF : 11.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.672+/-74.870 χ^2/NDF : 11.1/15

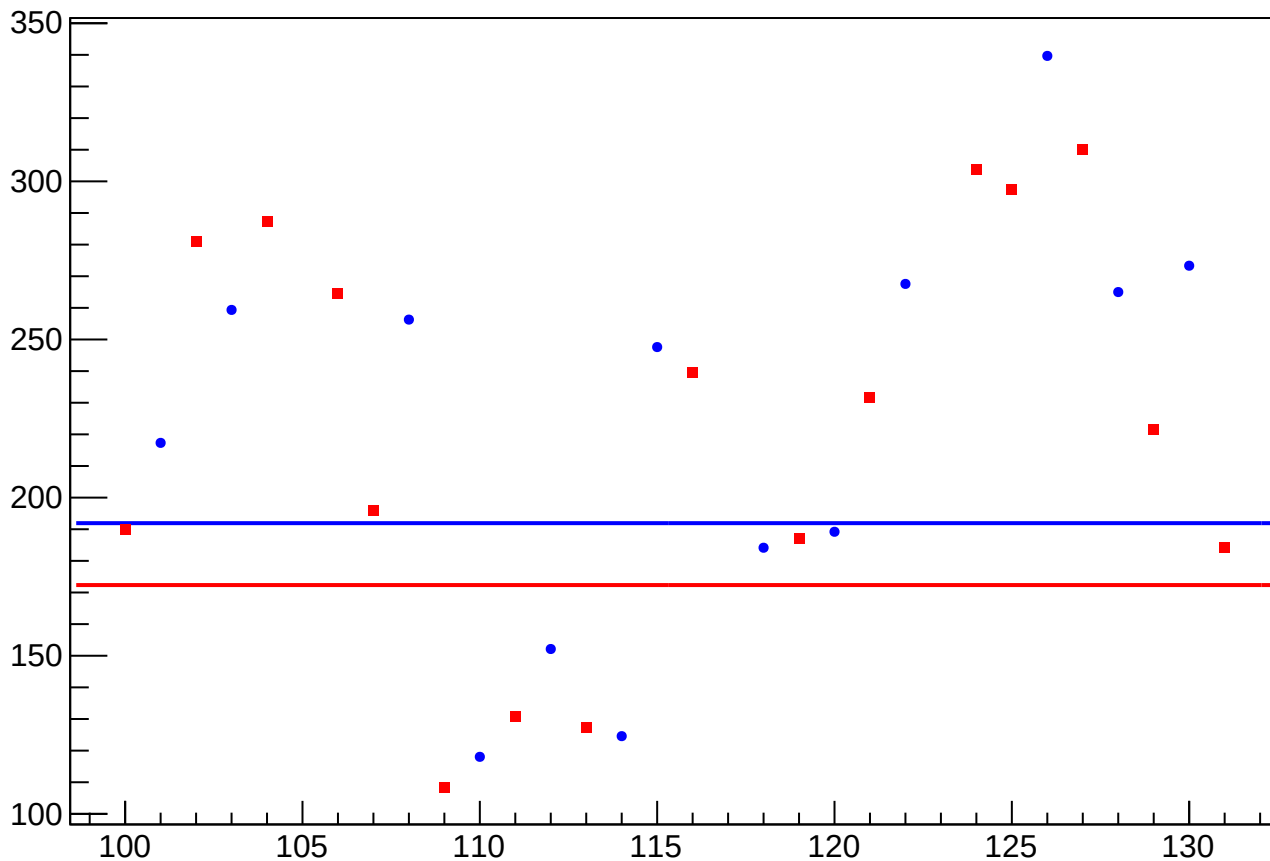
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.604+/-56.799 χ^2/NDF : 23.5/28

- 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: 191.924+/-0.062 χ^2/NDF : 946122.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

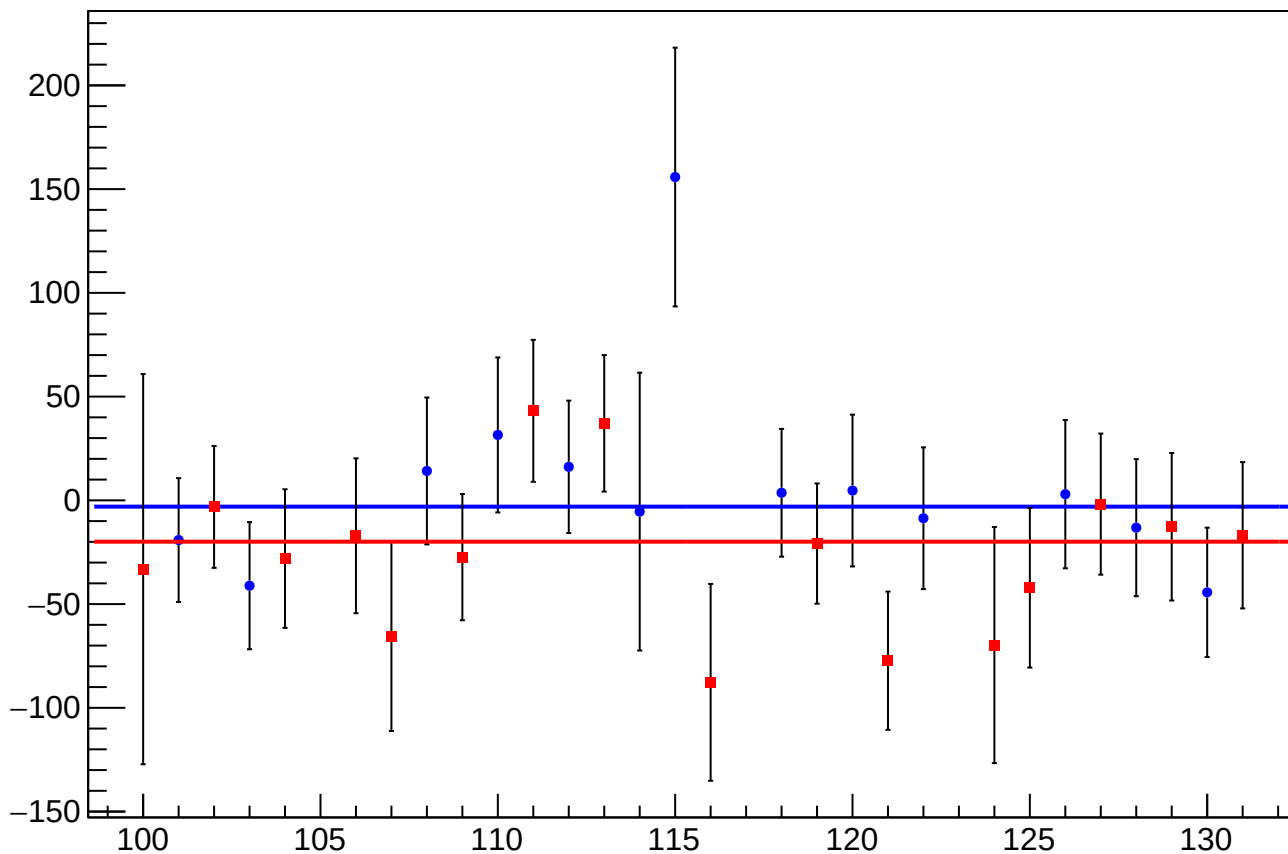
Right Out: 172.350+/-0.053 χ^2/NDF : 1462289.3/15

All: 180.658+/-0.040 χ^2/NDF : 2466432.6/28

- 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_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -3.036+/-9.734 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.926+/-9.052 χ^2/NDF : 14.3/15

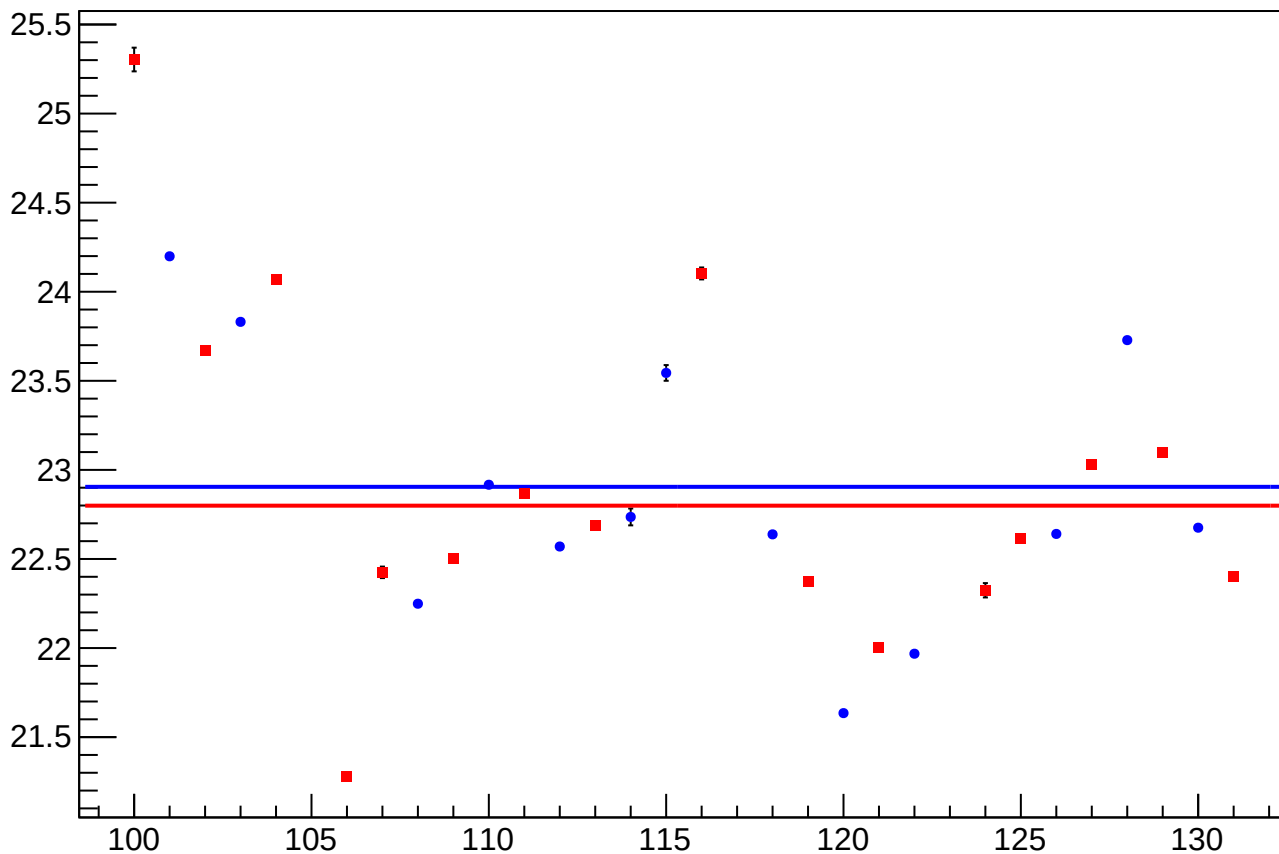
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.093+/-6.629 χ^2/NDF : 27.7/28

- 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: 22.905 $\pm$ 0.007 χ^2 /NDF: 12245.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.799 $\pm$ 0.006 χ^2 /NDF: 13470.3/15

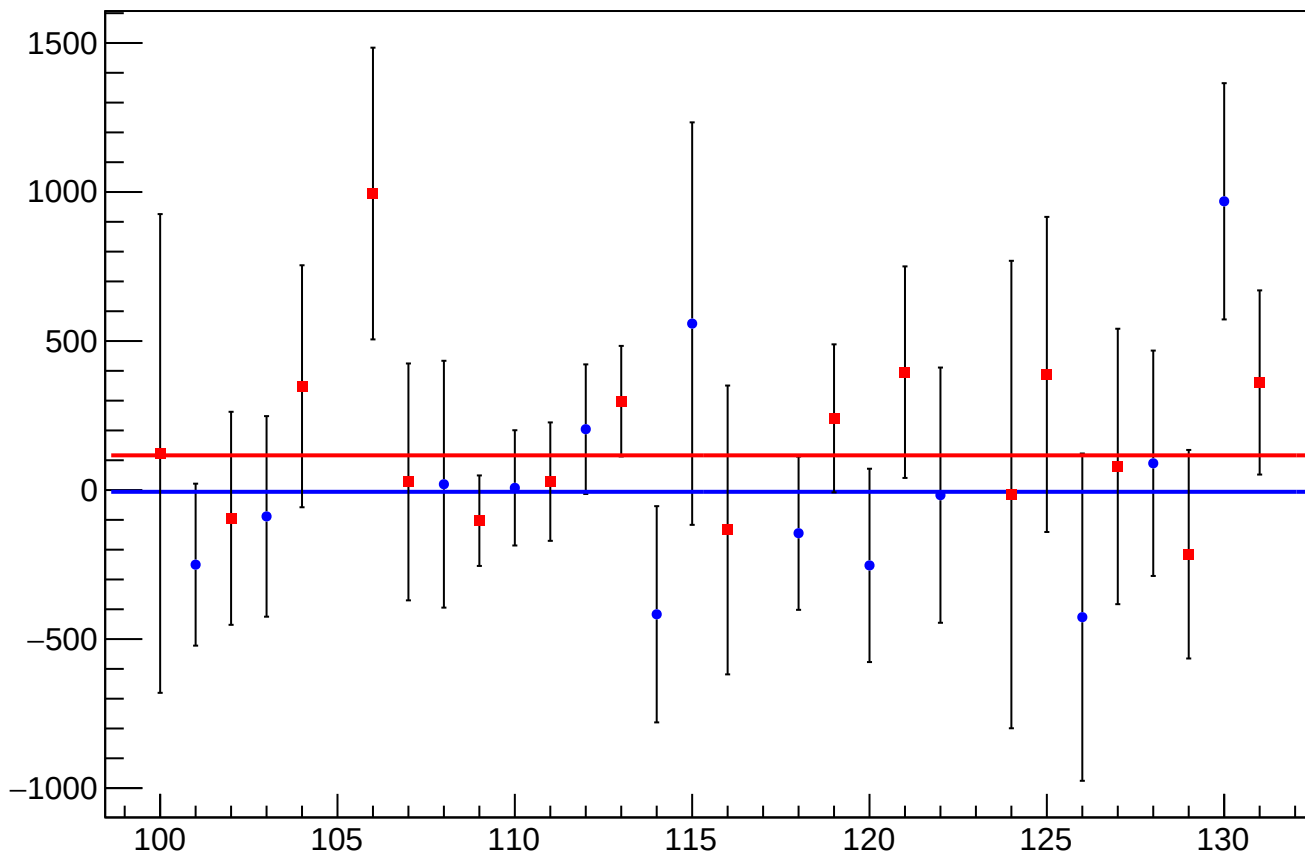
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.848 $\pm$ 0.005 χ^2 /NDF: 25842.3/28

- 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: -5.875+/-86.820 χ^2/NDF : 11.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.474+/-74.390 χ^2/NDF : 10.1/15

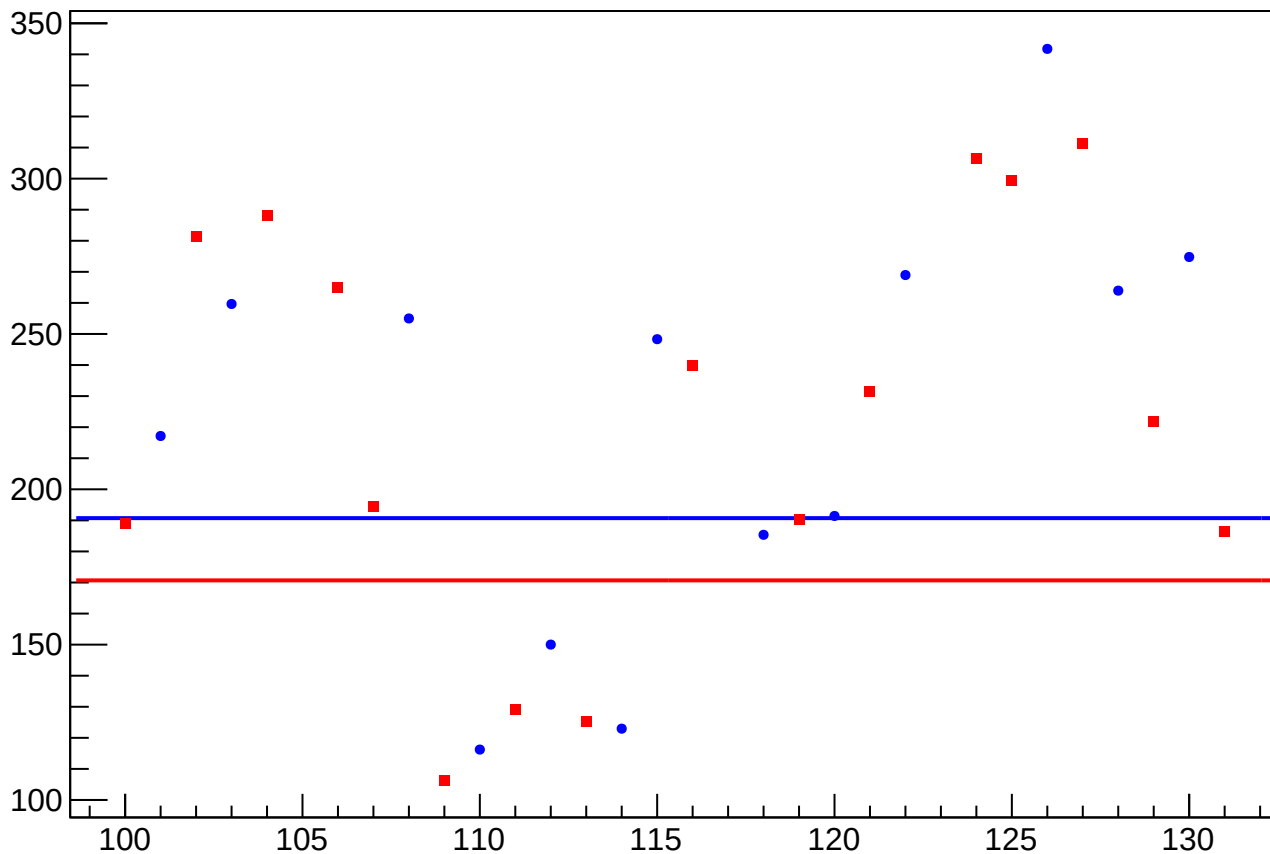
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.678+/-56.490 χ^2/NDF : 22.7/28

- 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: 190.720 $\pm$ 0.061 χ^2 /NDF: 986416.8/12

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

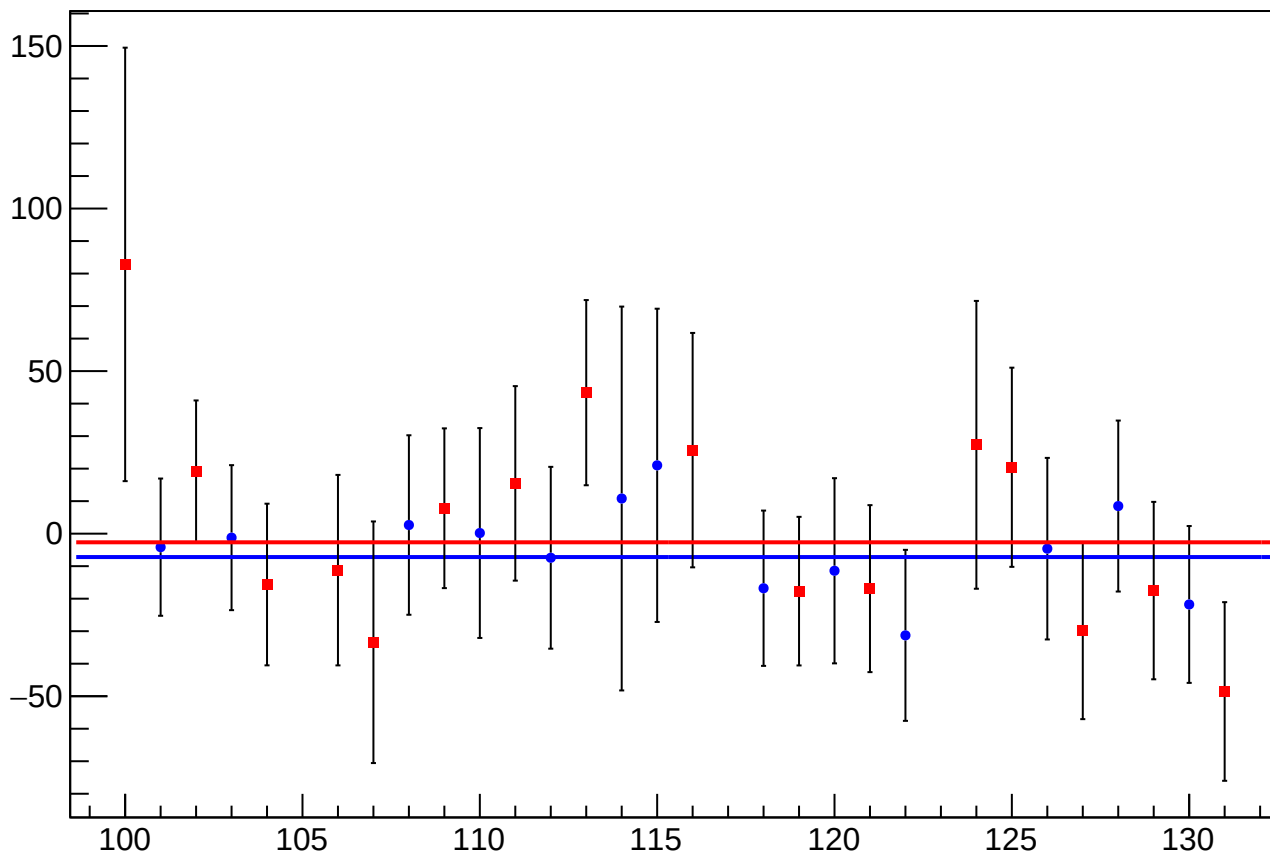
Right Out: 170.684 $\pm$ 0.053 χ^2 /NDF: 1532244.1/15

All: 179.166 $\pm$ 0.040 χ^2 /NDF: 2580083.9/28

- 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_dg_ds_bcm_an_ds_agg_dd_mean vs Slug



Right In: -7.197+/-7.580 χ^2/NDF : 2.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.660+/-7.135 χ^2/NDF : 13.3/15

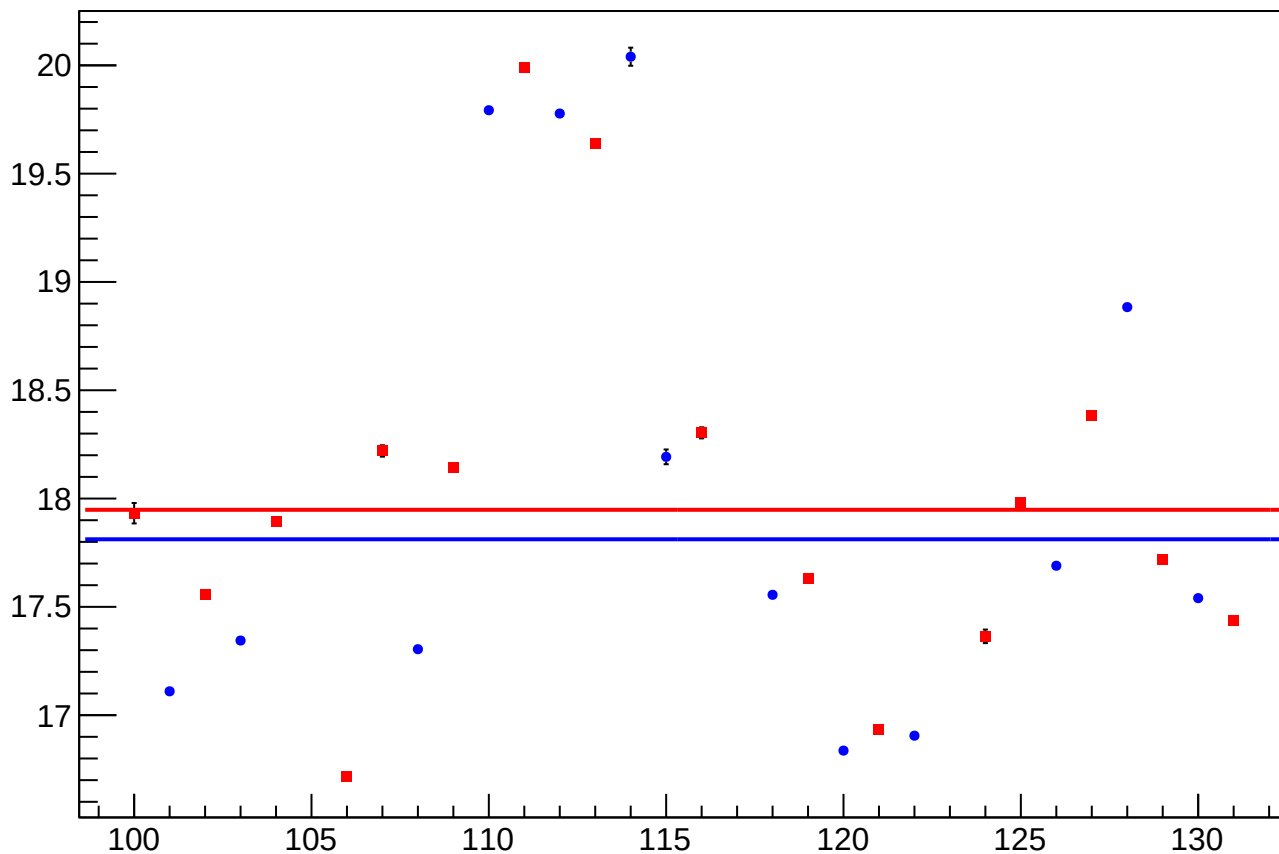
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.791+/-5.195 χ^2/NDF : 16.0/28

- 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: 17.812+/-0.005 χ^2/NDF : 32722.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.948+/-0.005 χ^2/NDF : 26170.7/15

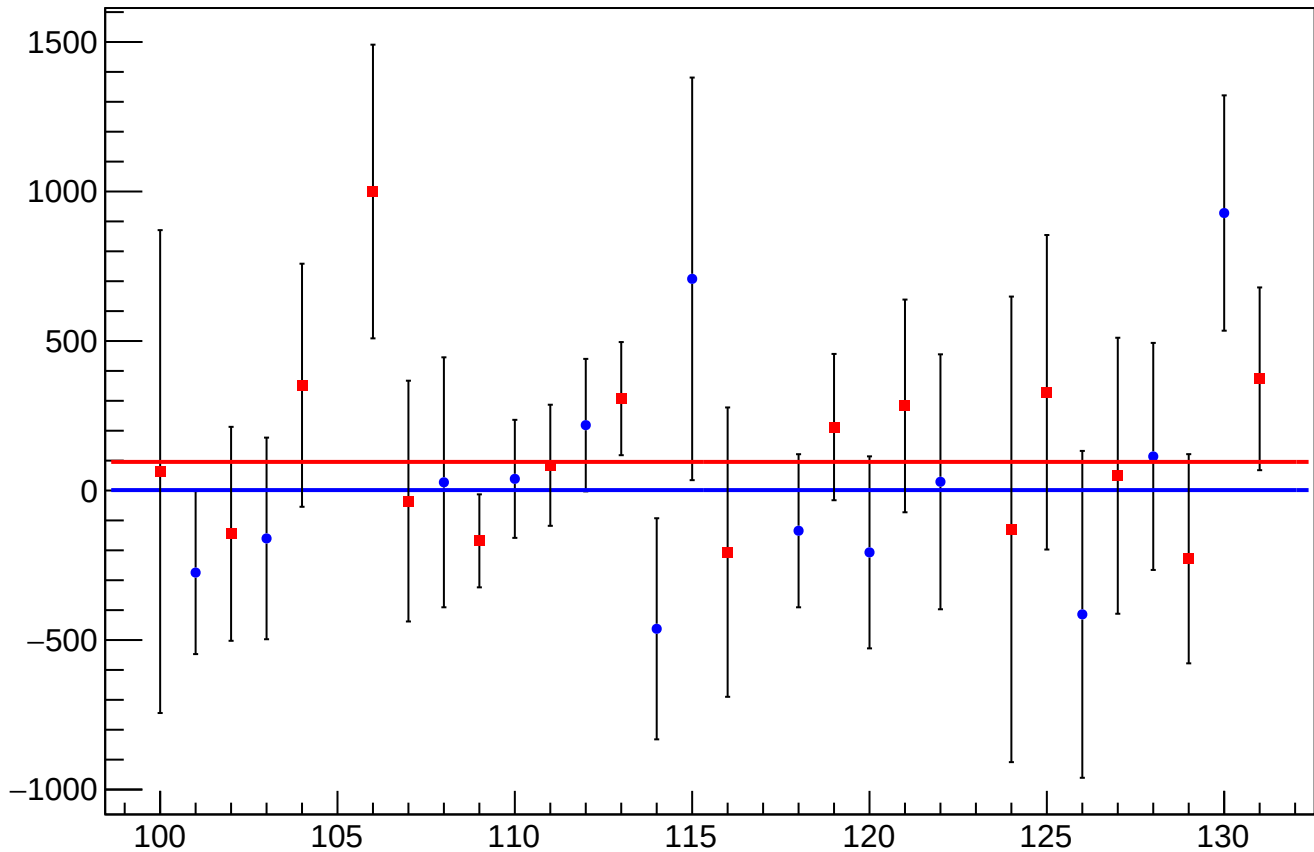
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.884+/-0.004 χ^2/NDF : 59234.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug



Right In: 1.464+/-87.453 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.735+/-75.139 χ^2/NDF : 11.4/15

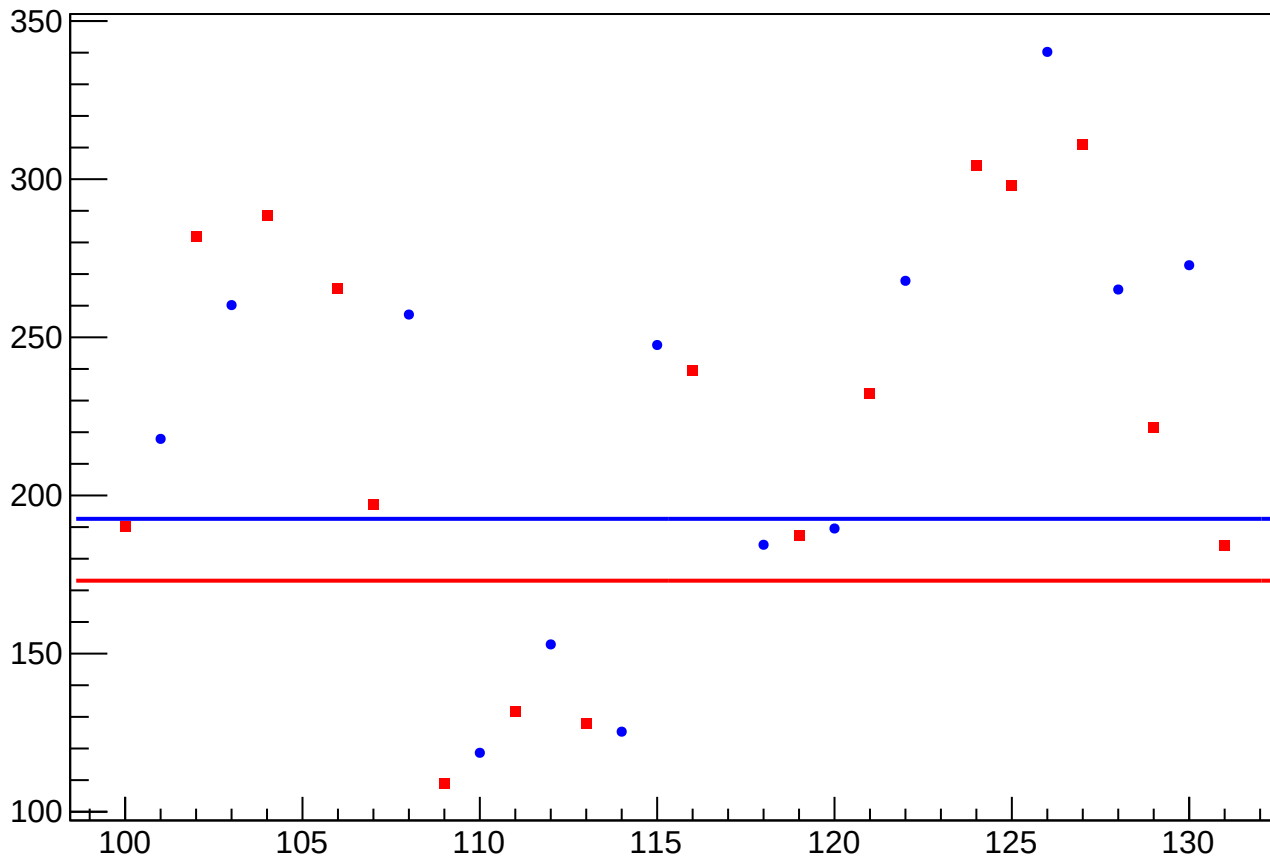
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.699+/-56.992 χ^2/NDF : 23.9/28

- 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: 192.611 $\pm$ 0.062 χ^2 /NDF: 936511.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 173.060 $\pm$ 0.053 χ^2 /NDF: 1451325.7/15

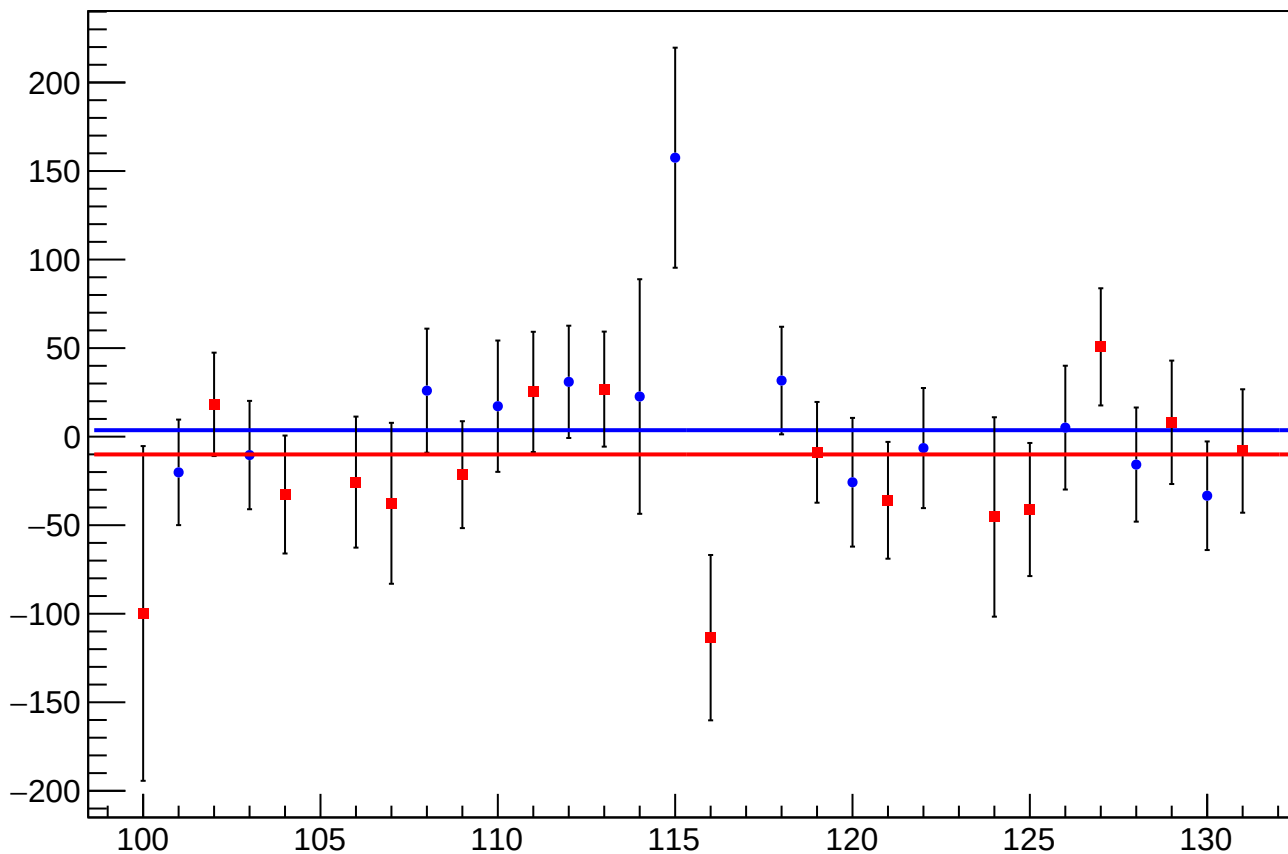
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 181.363 $\pm$ 0.040 χ^2 /NDF: 2445345.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug



Right In: 3.649+/-9.634 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.037+/-8.940 χ^2/NDF : 15.6/15

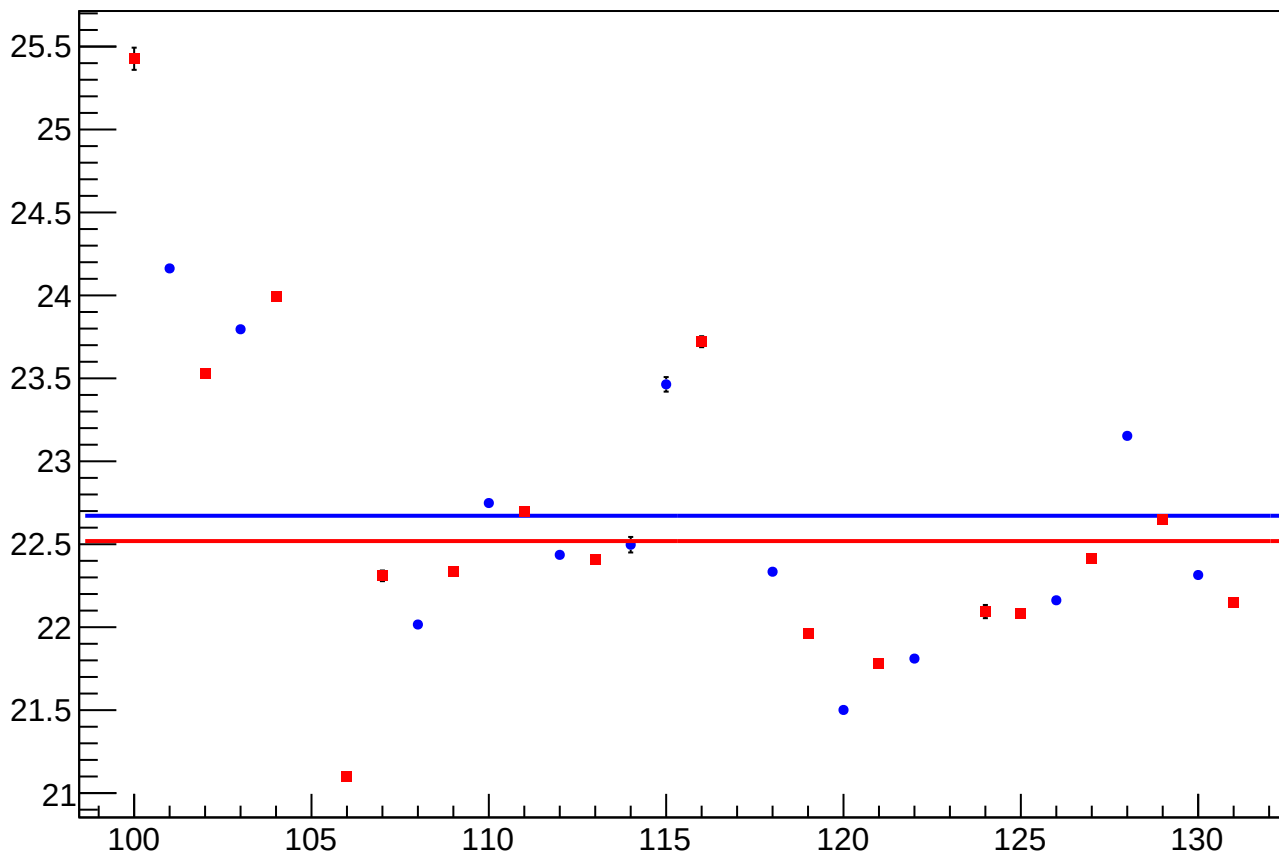
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.705+/-6.553 χ^2/NDF : 28.5/28

- 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: 22.672 $\pm$ 0.007 χ^2 /NDF: 13620.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.519 $\pm$ 0.006 χ^2 /NDF: 15083.2/15

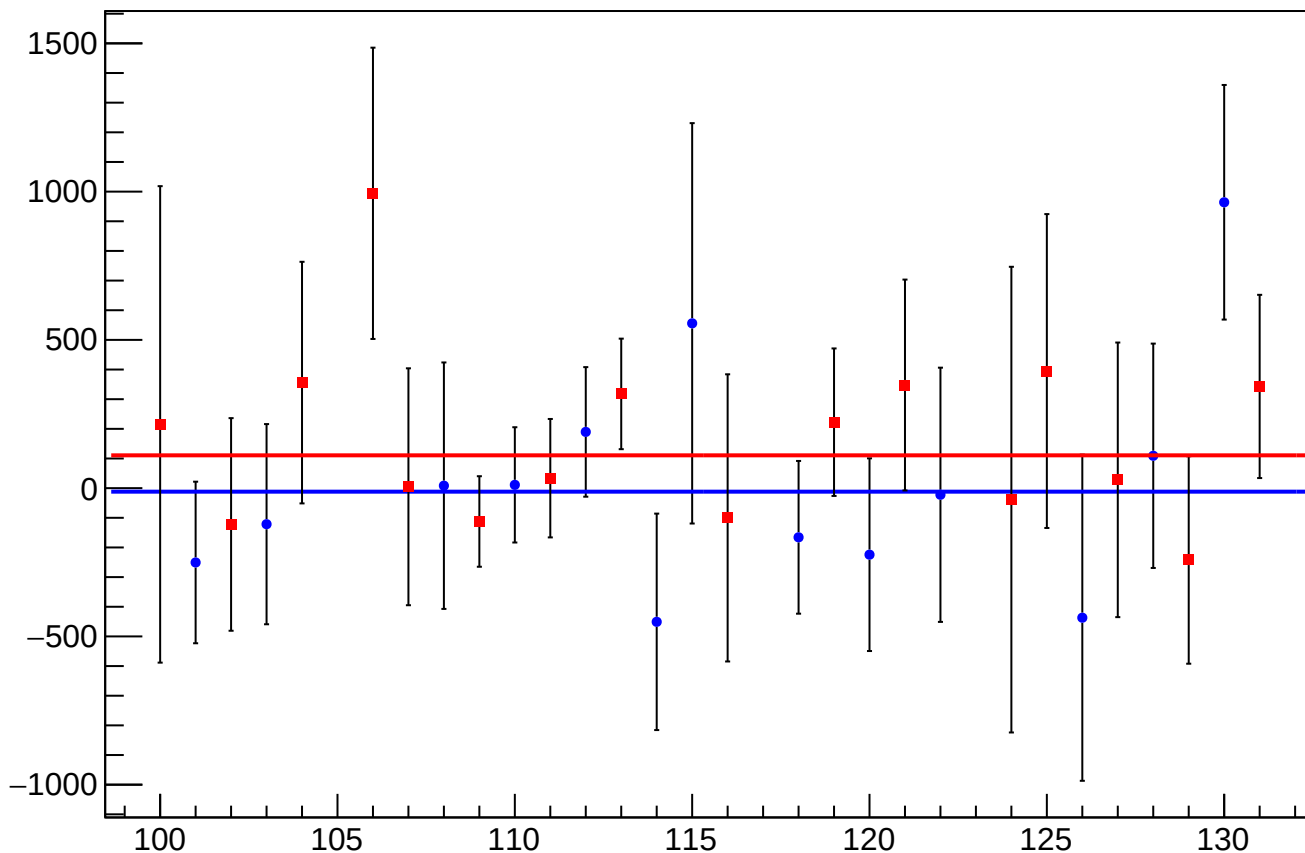
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.590 $\pm$ 0.005 χ^2 /NDF: 28973.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug



Right In: -11.852+/-87.096 χ^2/NDF : 11.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.681+/-74.664 χ^2/NDF : 10.4/15

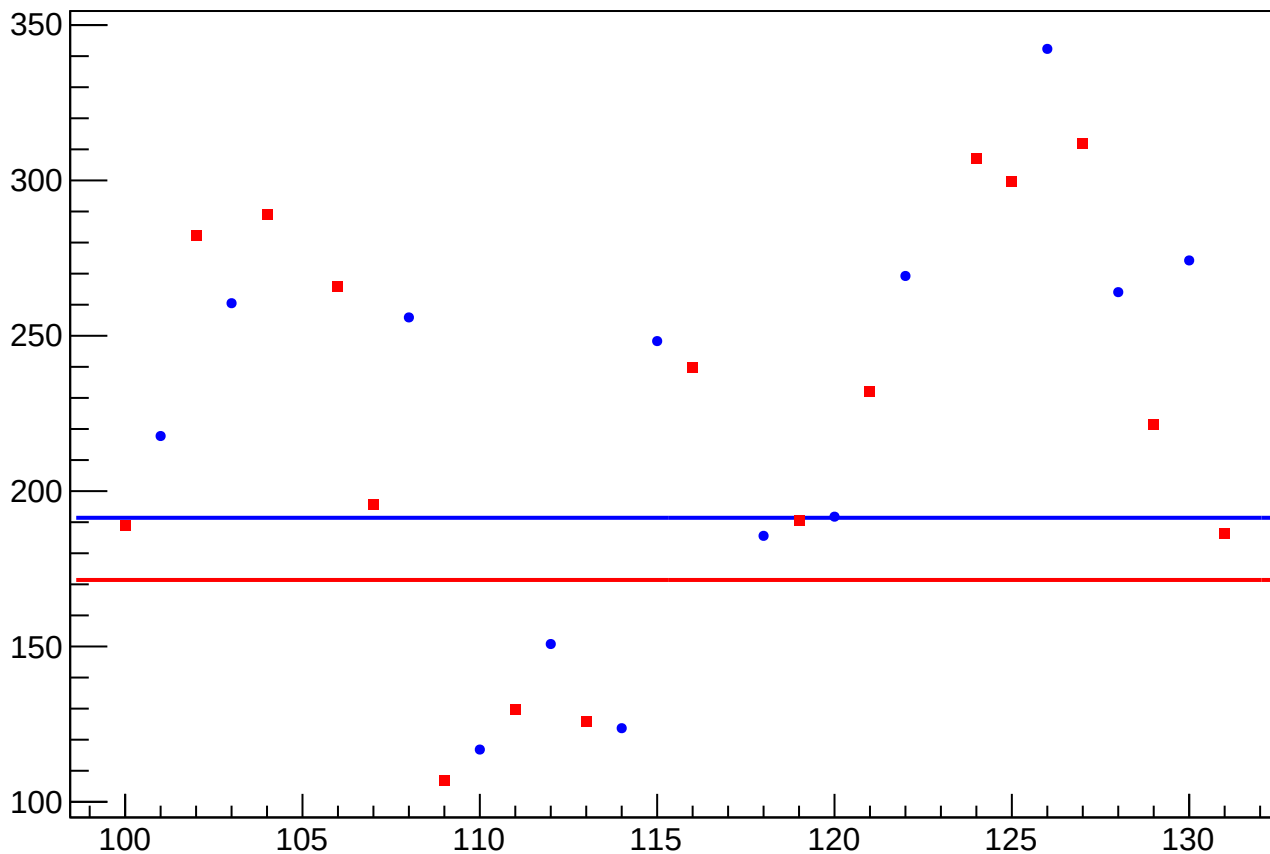
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.777+/-56.686 χ^2/NDF : 23.0/28

- 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: 191.420+/-0.062 χ^2/NDF : 976229.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.409+/-0.053 χ^2/NDF : 1520520.9/15

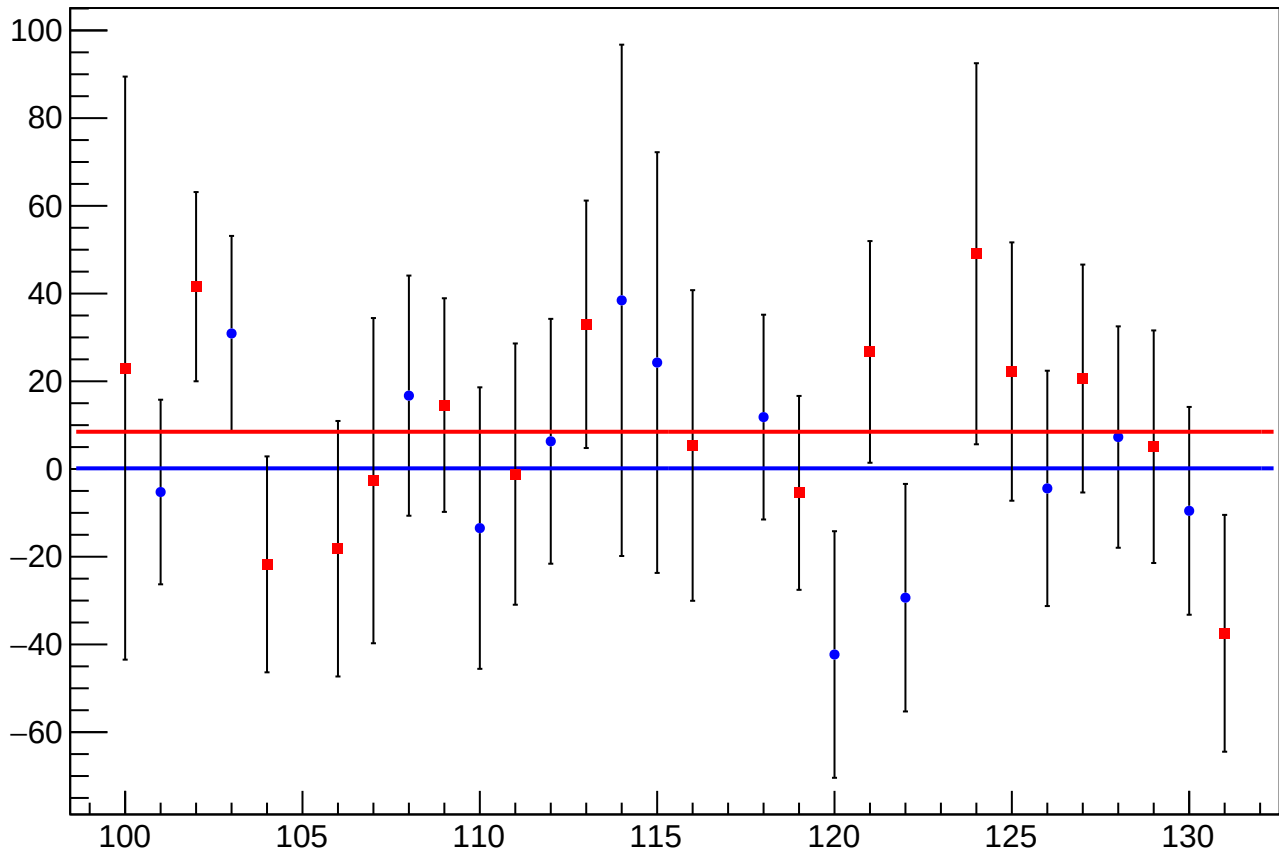
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.886+/-0.040 χ^2/NDF : 2557605.7/28

- 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: 0.152 $\pm$ 7.469 χ^2 /NDF: 7.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.493 $\pm$ 7.007 χ^2 /NDF: 10.9/15

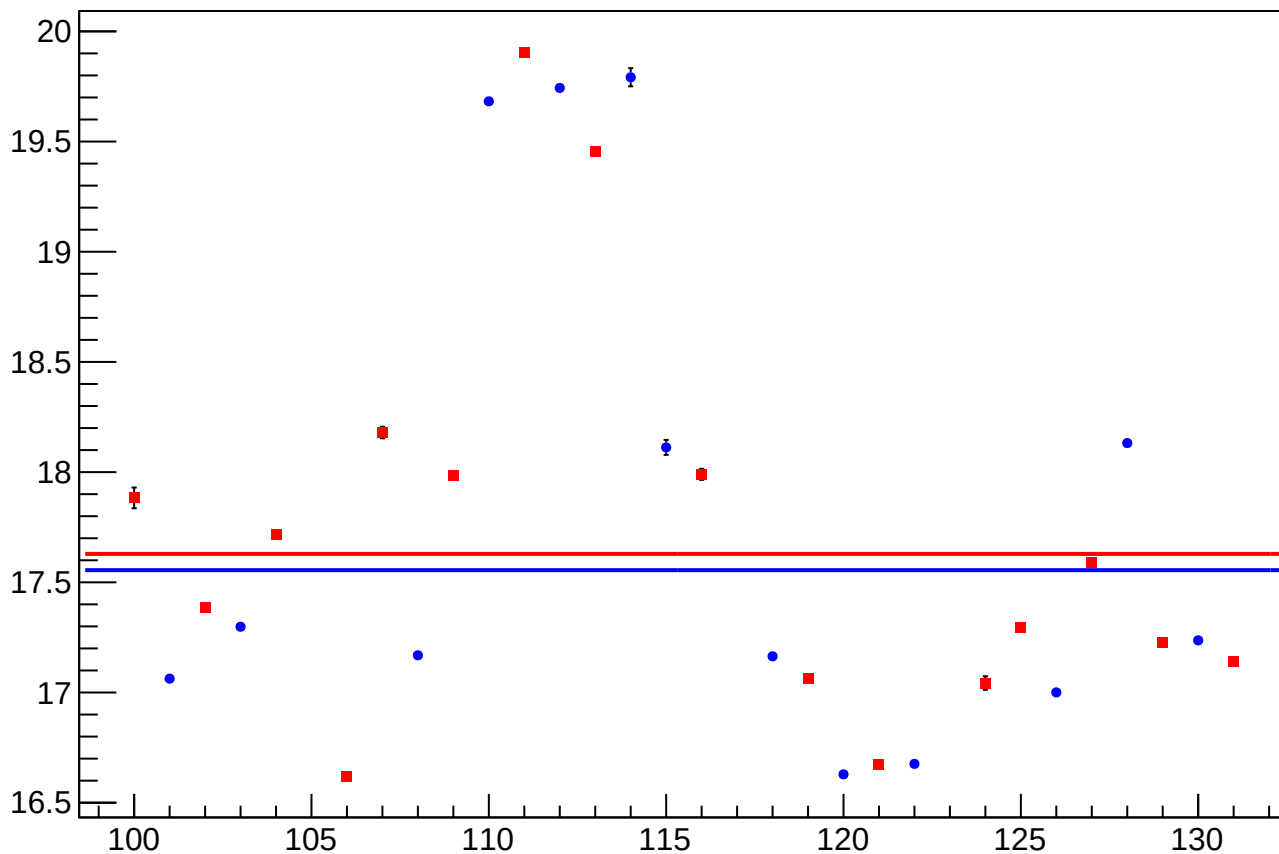
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.589 $\pm$ 5.110 χ^2 /NDF: 18.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug



Right In: 17.555+/-0.005 χ^2/NDF : 33339.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.629+/-0.005 χ^2/NDF : 29735.9/15

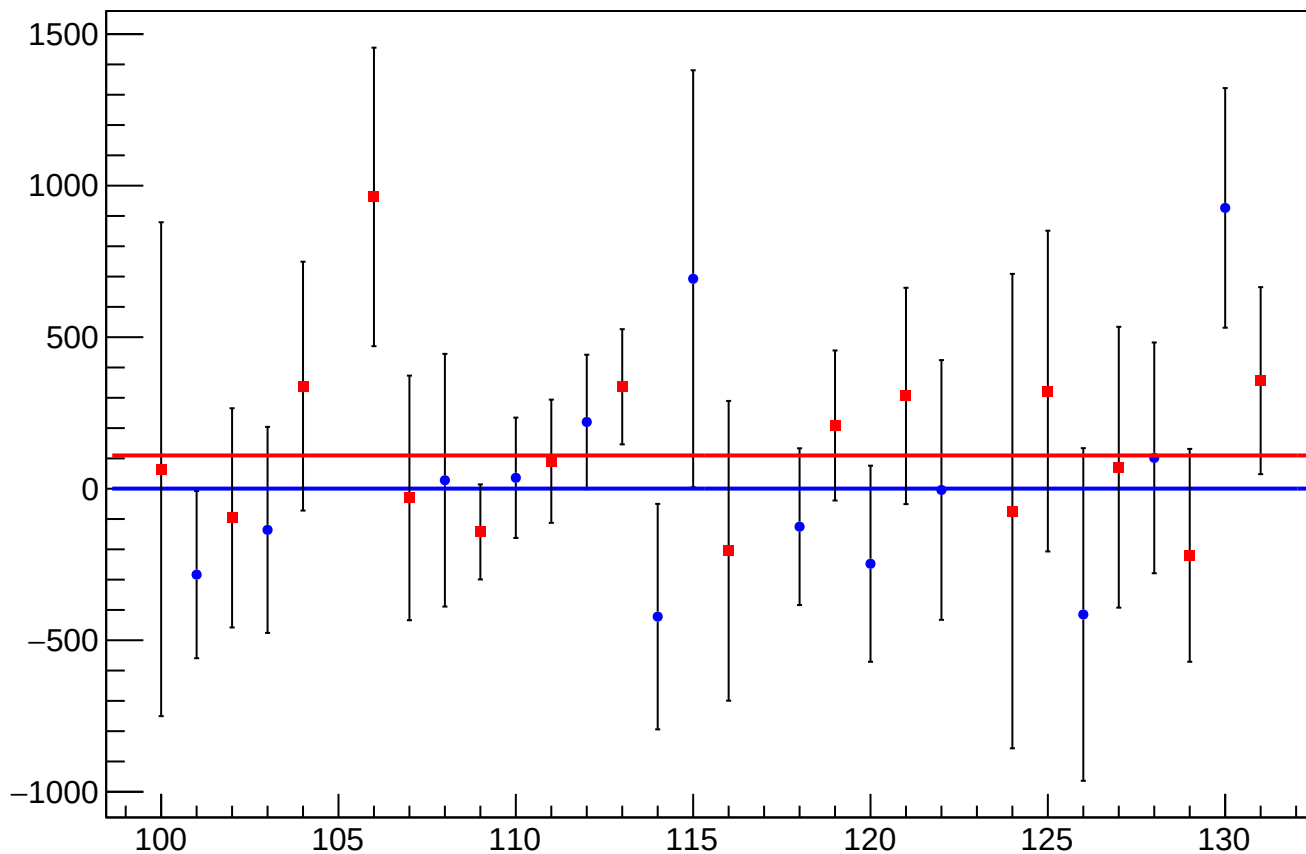
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.594+/-0.004 χ^2/NDF : 63179.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug



Right In: 0.389+/-88.001 χ^2/NDF : 11.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.746+/-75.680 χ^2/NDF : 10.4/15

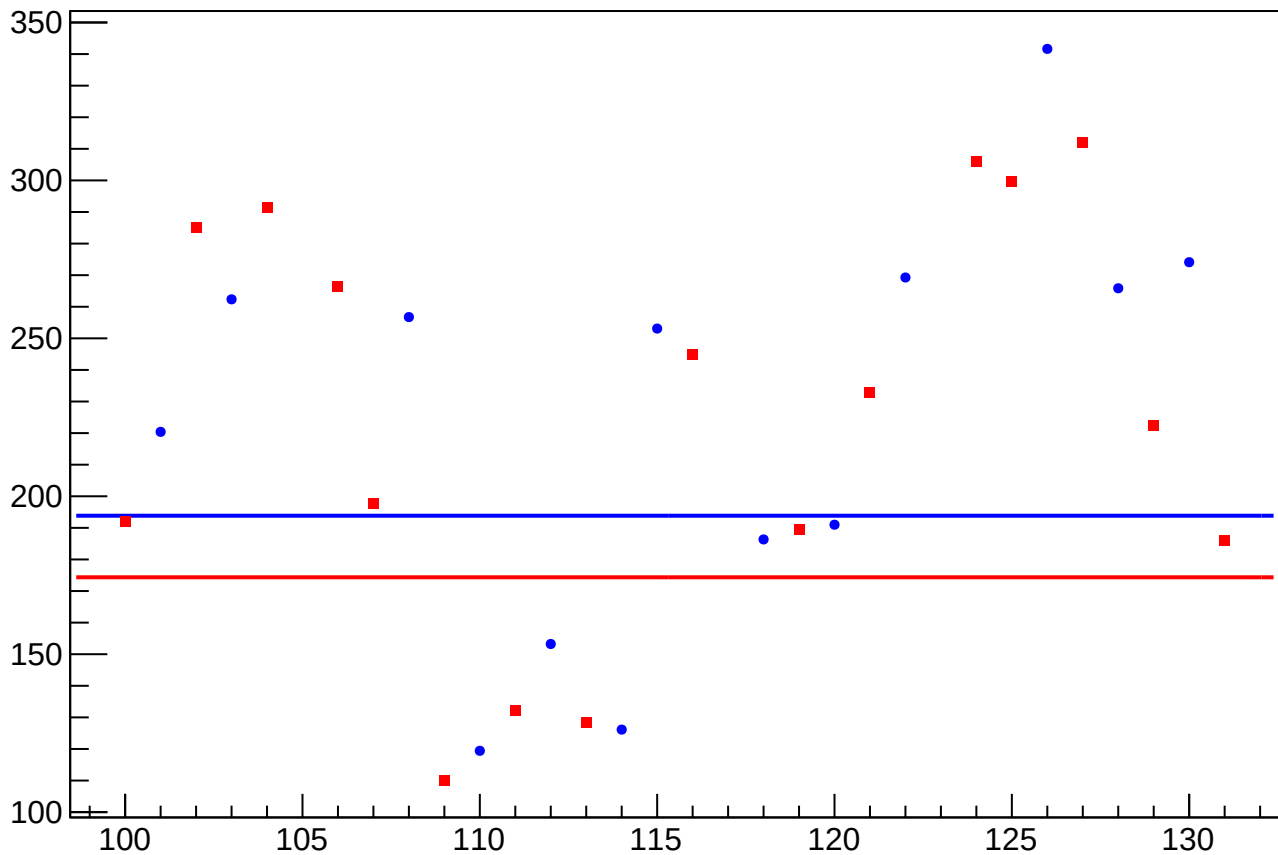
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.253+/-57.380 χ^2/NDF : 22.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 193.845 $\pm$ 0.062 χ^2 /NDF: 937116.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 174.350 $\pm$ 0.054 χ^2 /NDF: 1453801.1/15

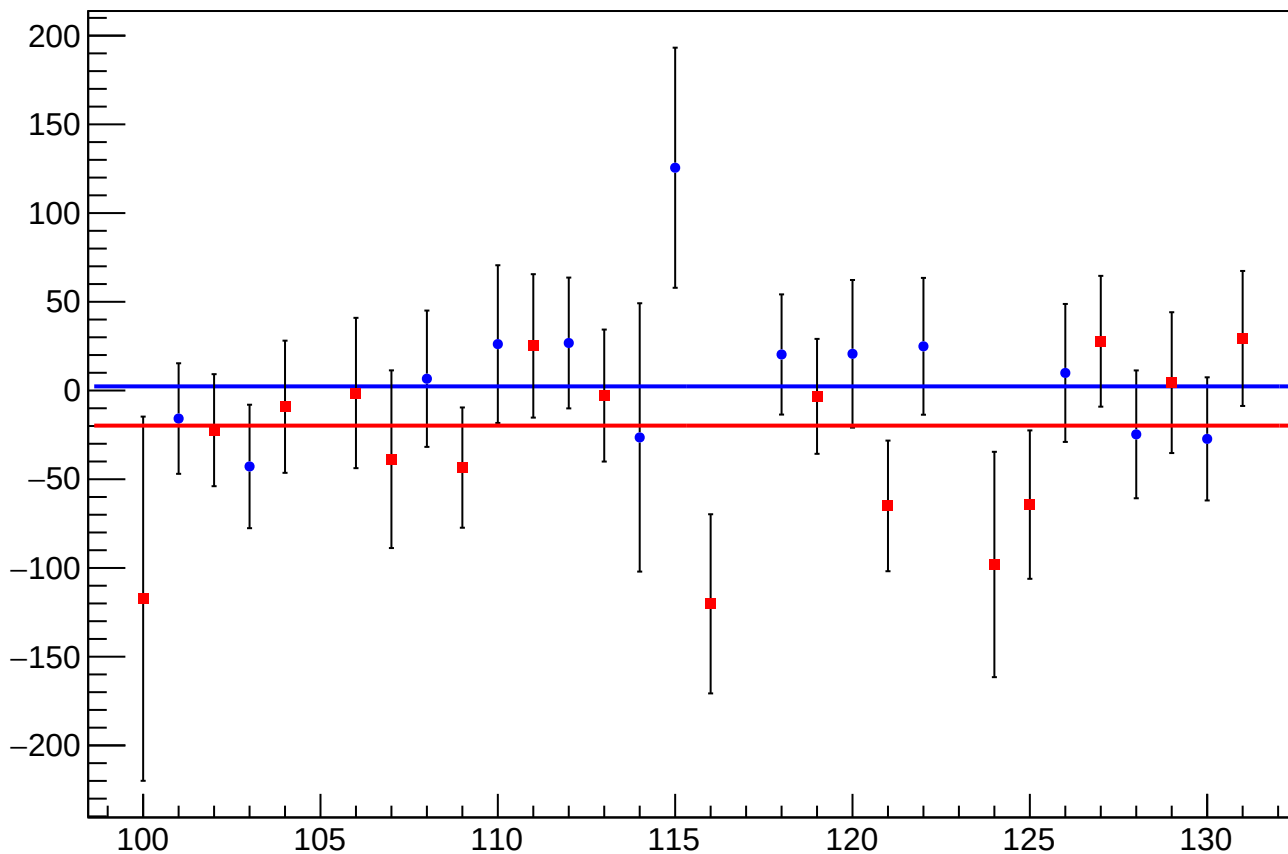
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 182.639 $\pm$ 0.041 χ^2 /NDF: 2447340.9/28

- 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: 2.335 $\pm$ 10.811 χ^2 /NDF: 8.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -19.774 $\pm$ 10.026 χ^2 /NDF: 15.3/15

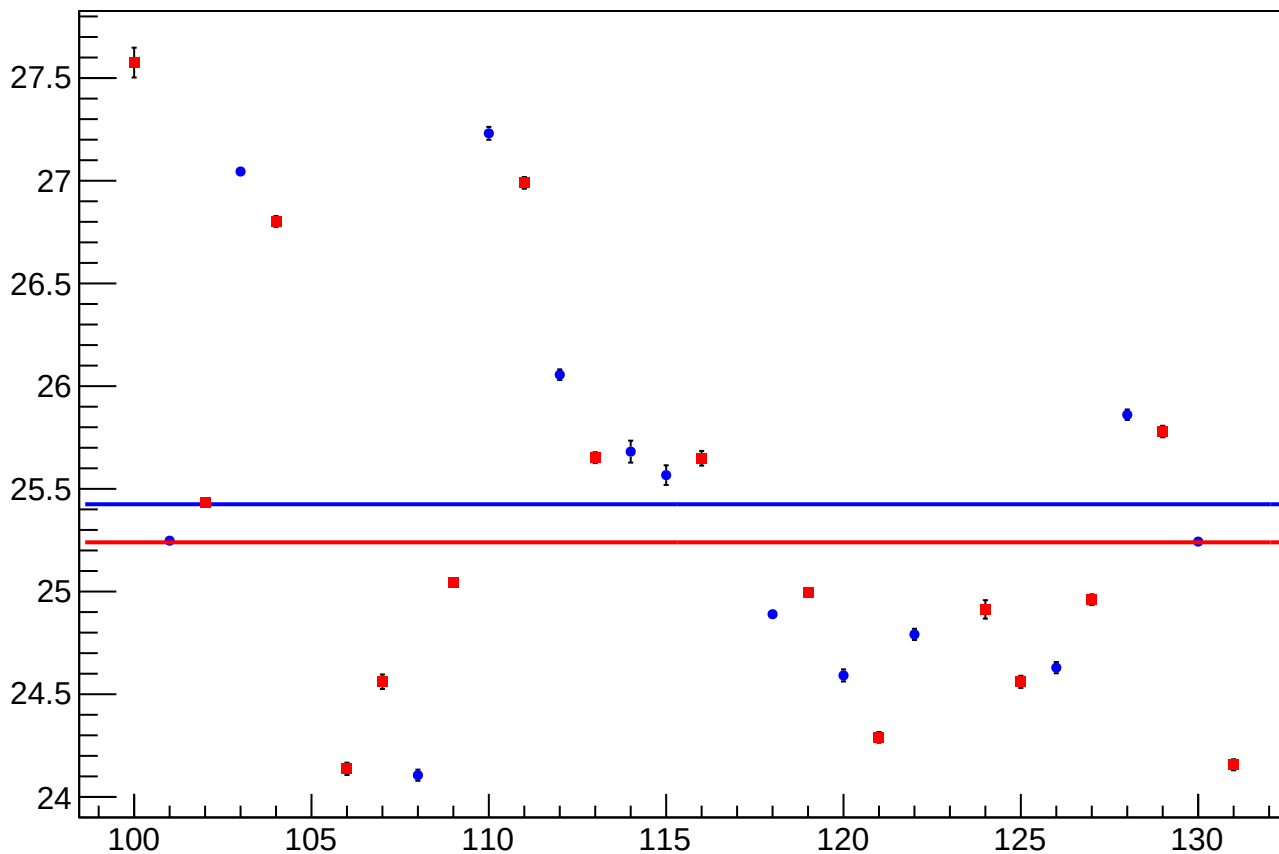
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -9.551 $\pm$ 7.352 χ^2 /NDF: 26.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 25.425+/-0.008 χ^2/NDF : 13707.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.240+/-0.007 χ^2/NDF : 14678.3/15

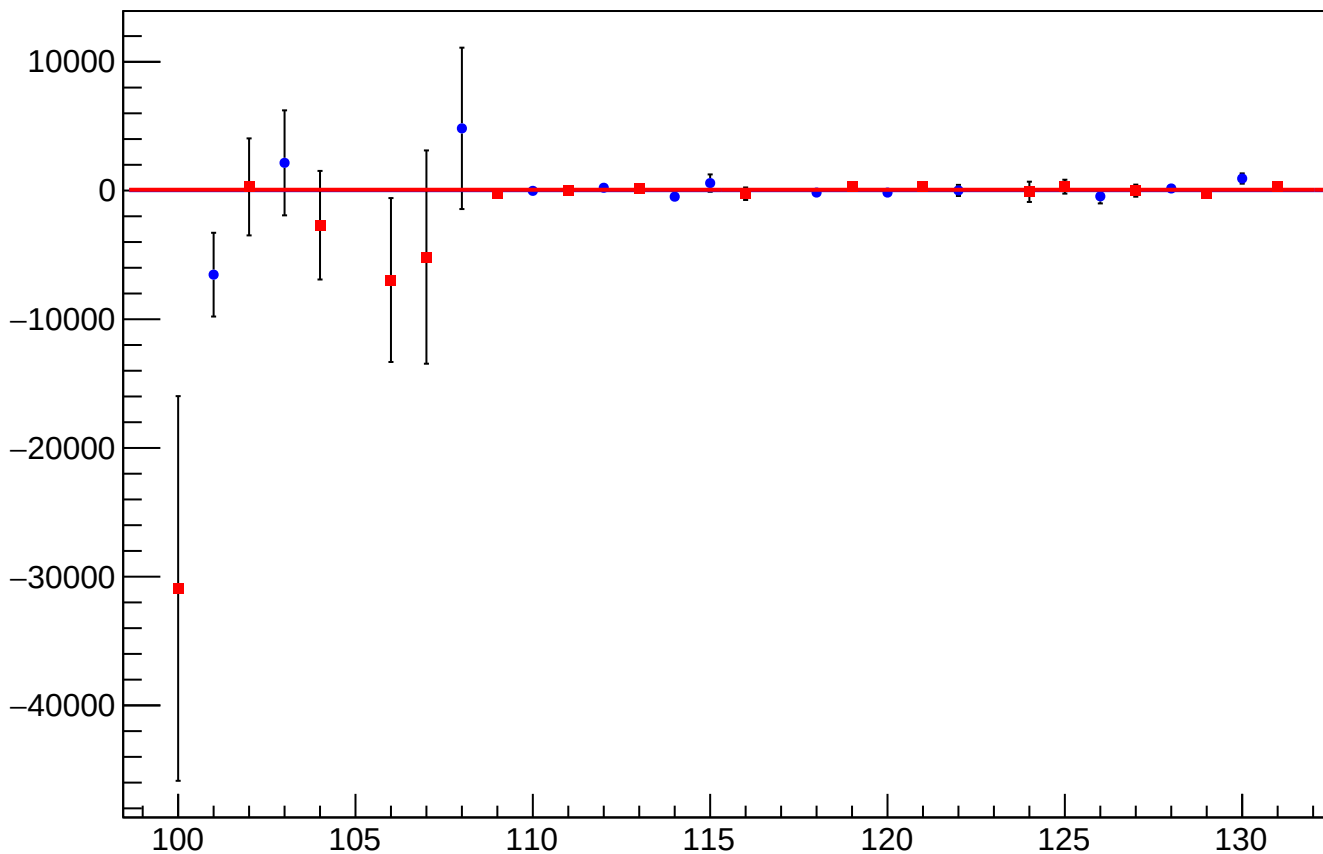
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.325+/-0.005 χ^2/NDF : 28701.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug



Right In: 28.985 $\pm$ 98.664 χ^2 /NDF: 15.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 61.473 $\pm$ 87.061 χ^2 /NDF: 11.9/15

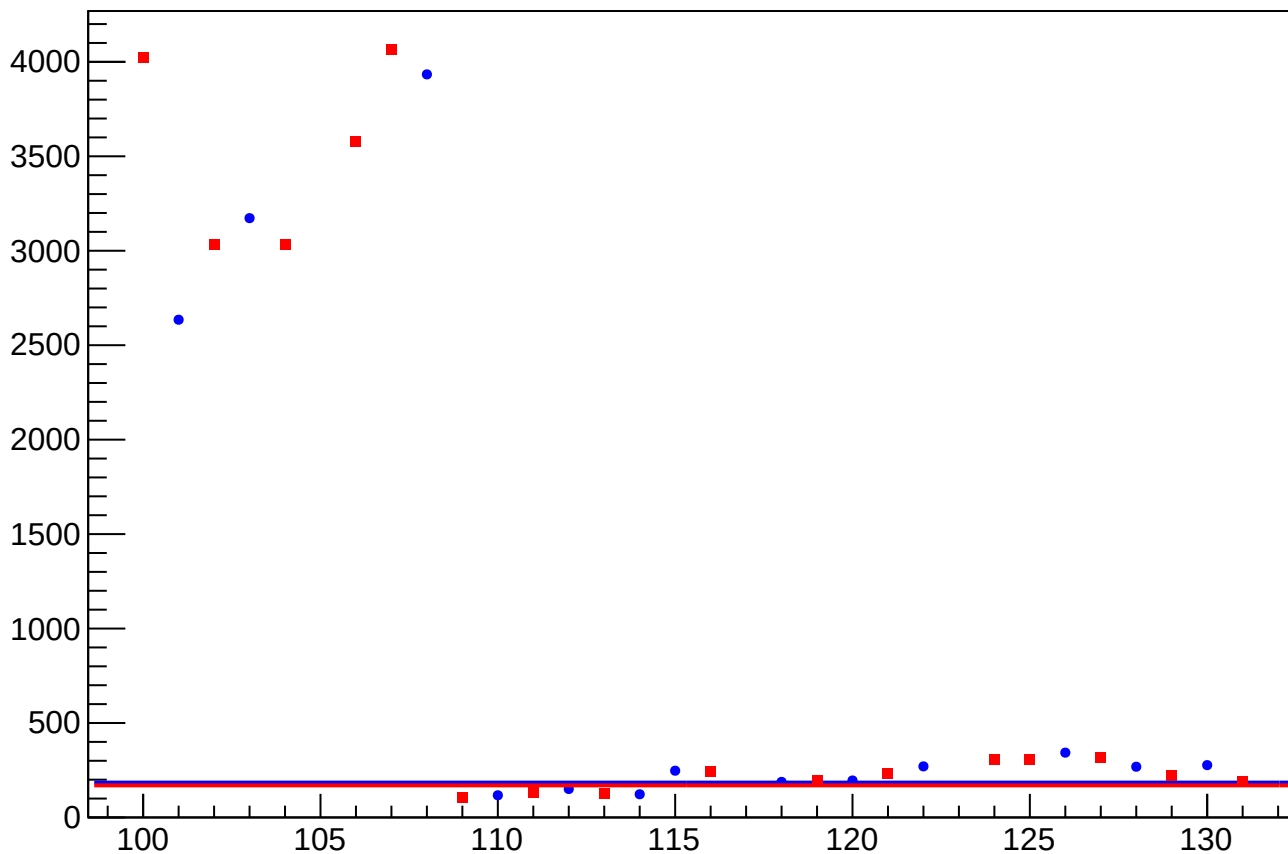
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 47.250 $\pm$ 65.280 χ^2 /NDF: 27.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug



Right In: 184.459+/-0.070 χ^2/NDF : 3733204.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.859+/-0.062 χ^2/NDF : 4158303.3/15

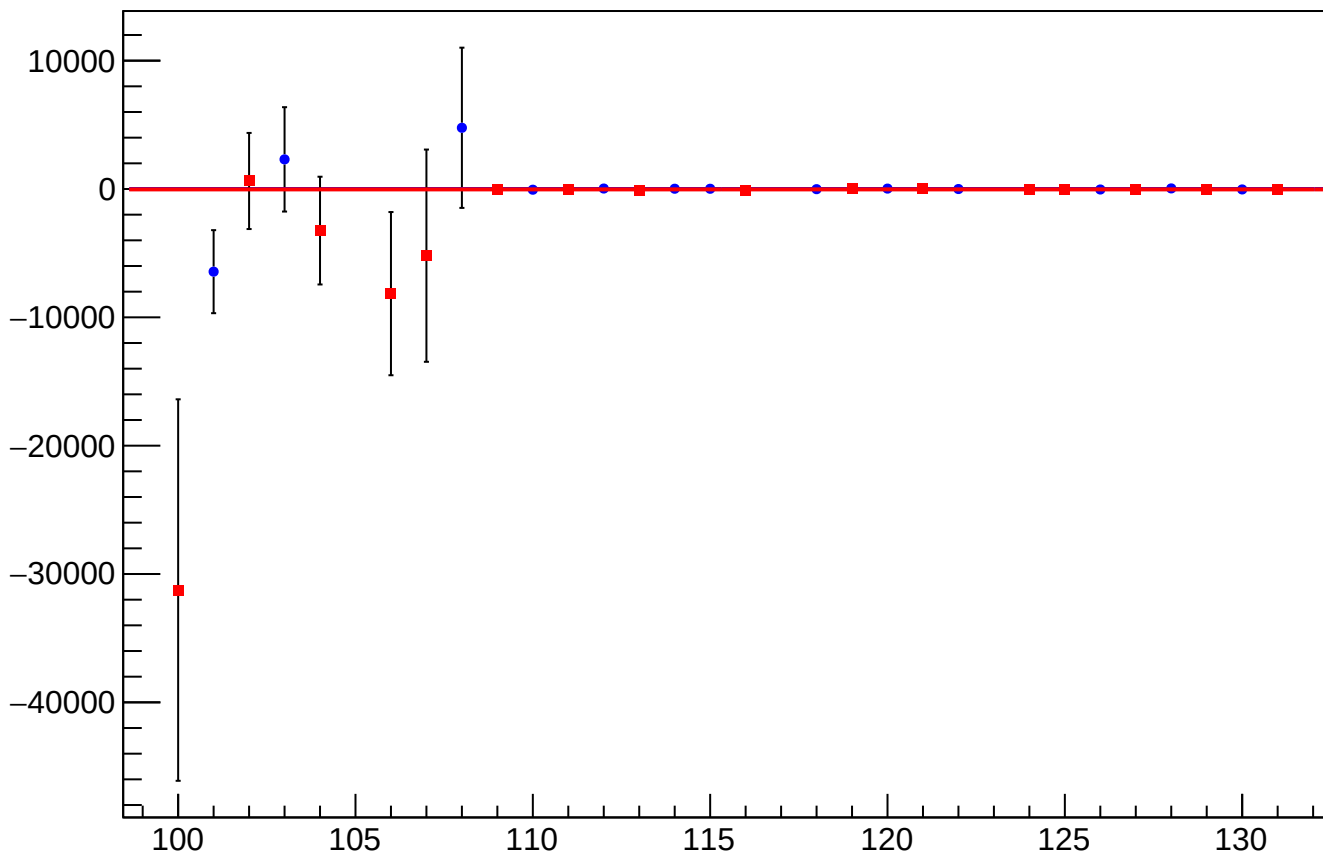
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.251+/-0.046 χ^2/NDF : 7916129.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug



Right In: -2.401+/-13.977 χ^2/NDF : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.458+/-13.397 χ^2/NDF : 20.3/15

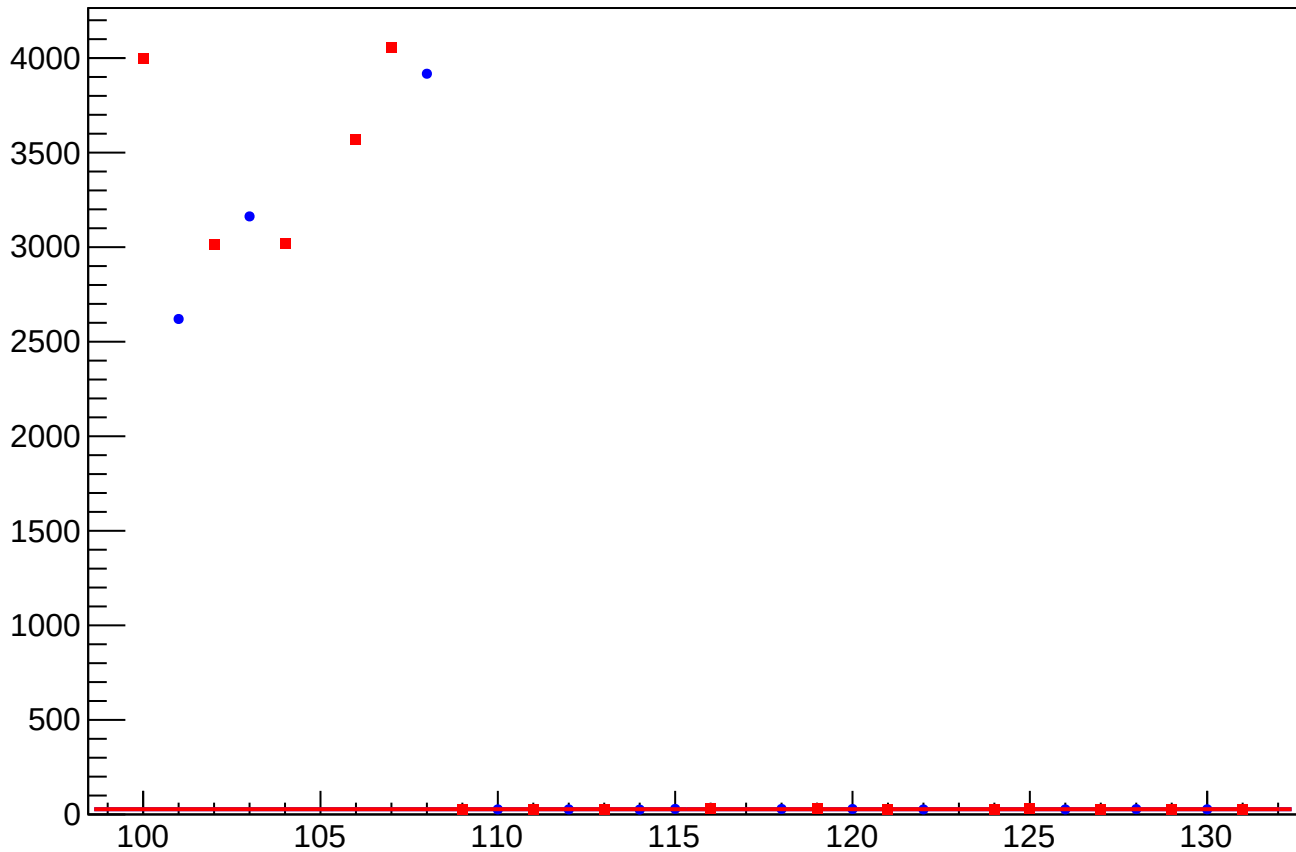
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.503+/-9.672 χ^2/NDF : 33.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug



Right In: 27.605 $\pm$ 0.010 χ^2 /NDF: 3260641.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.706 $\pm$ 0.009 χ^2 /NDF: 3552465.1/15

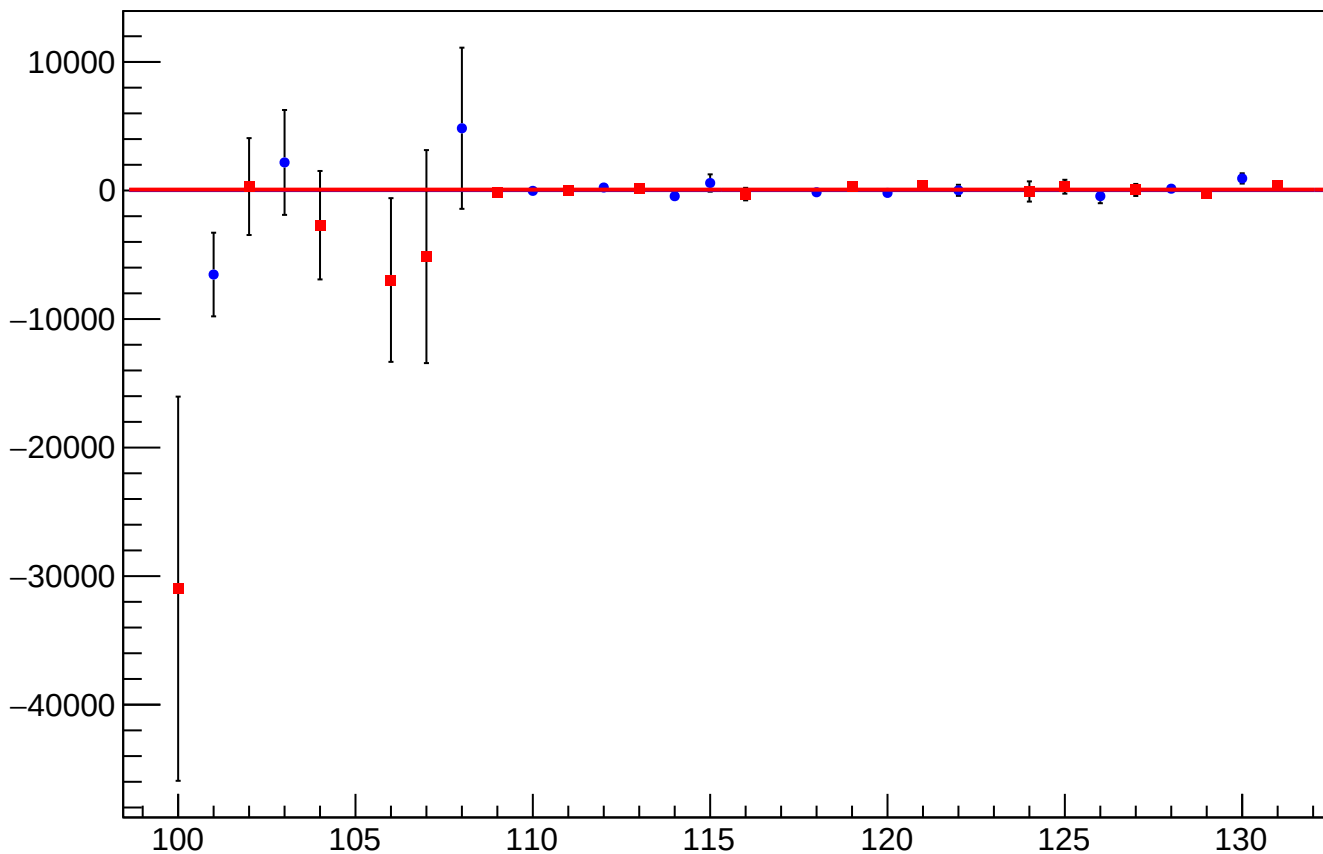
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.658 $\pm$ 0.007 χ^2 /NDF: 6813161.1/28

- 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: 33.089+/-98.349 χ^2/NDF : 15.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.507+/-86.760 χ^2/NDF : 12.0/15

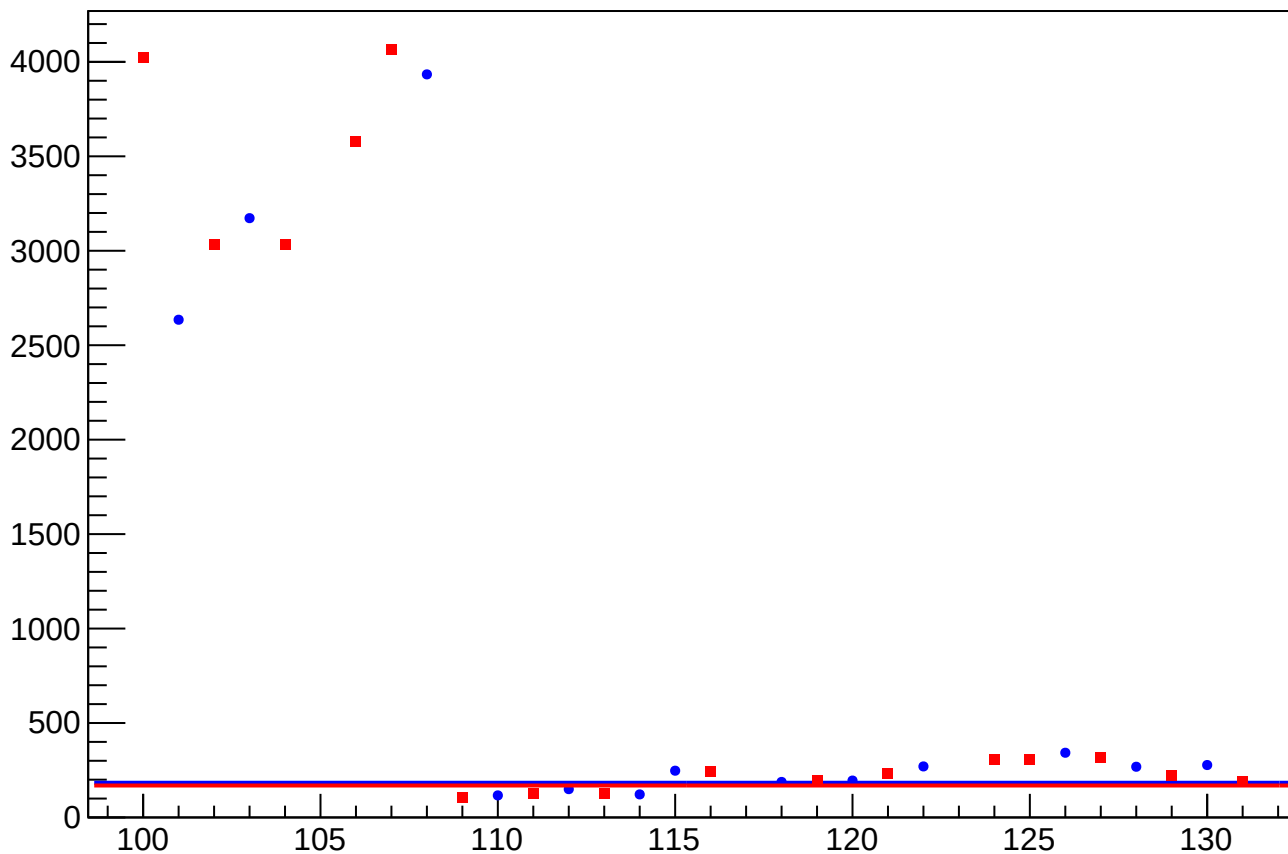
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.444+/-65.062 χ^2/NDF : 27.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug



Right In: 183.734+/-0.070 χ^2/NDF : 3744270.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.140+/-0.061 χ^2/NDF : 4169787.1/15

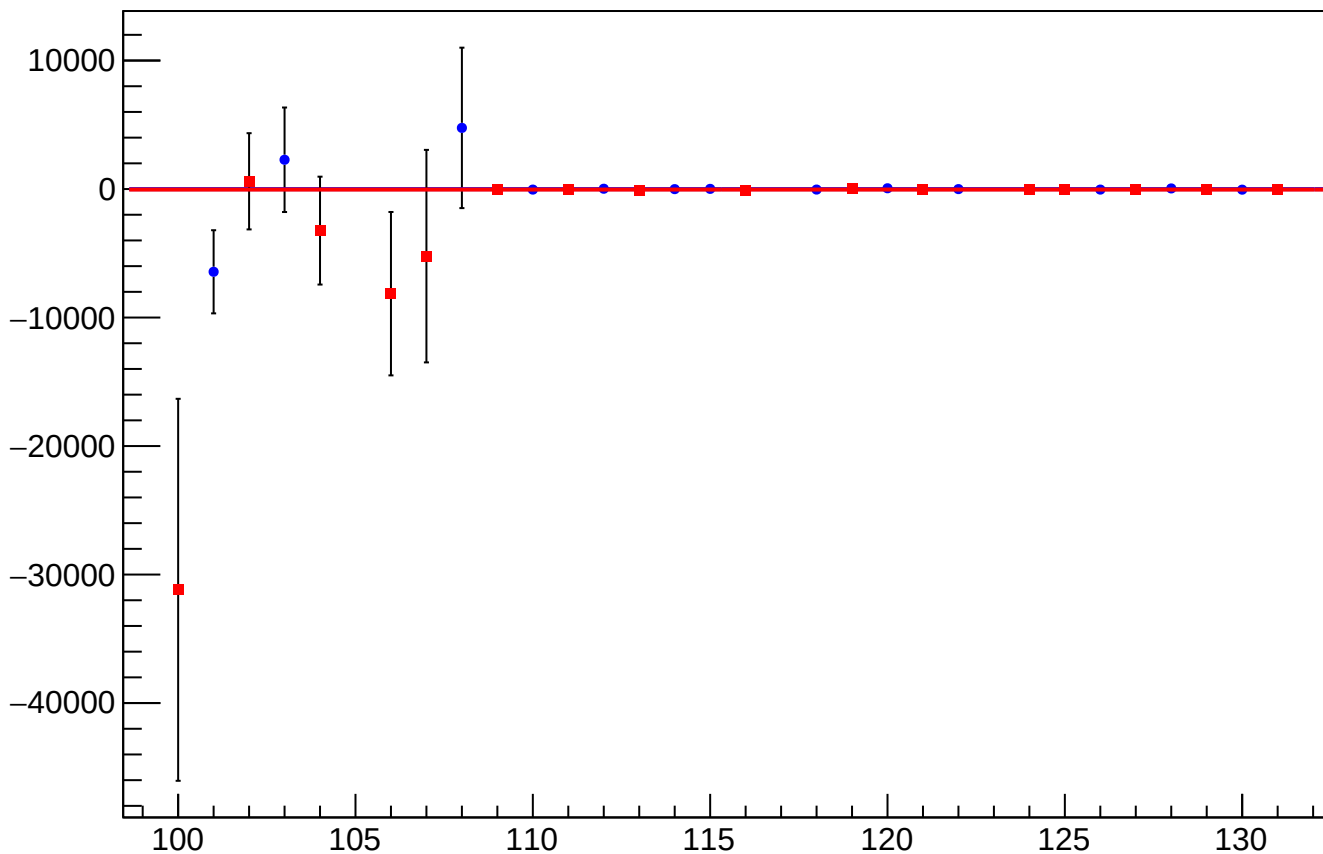
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.527+/-0.046 χ^2/NDF : 7938821.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug



Right In: -7.439+/-14.076 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.568+/-13.522 χ^2/NDF : 16.7/15

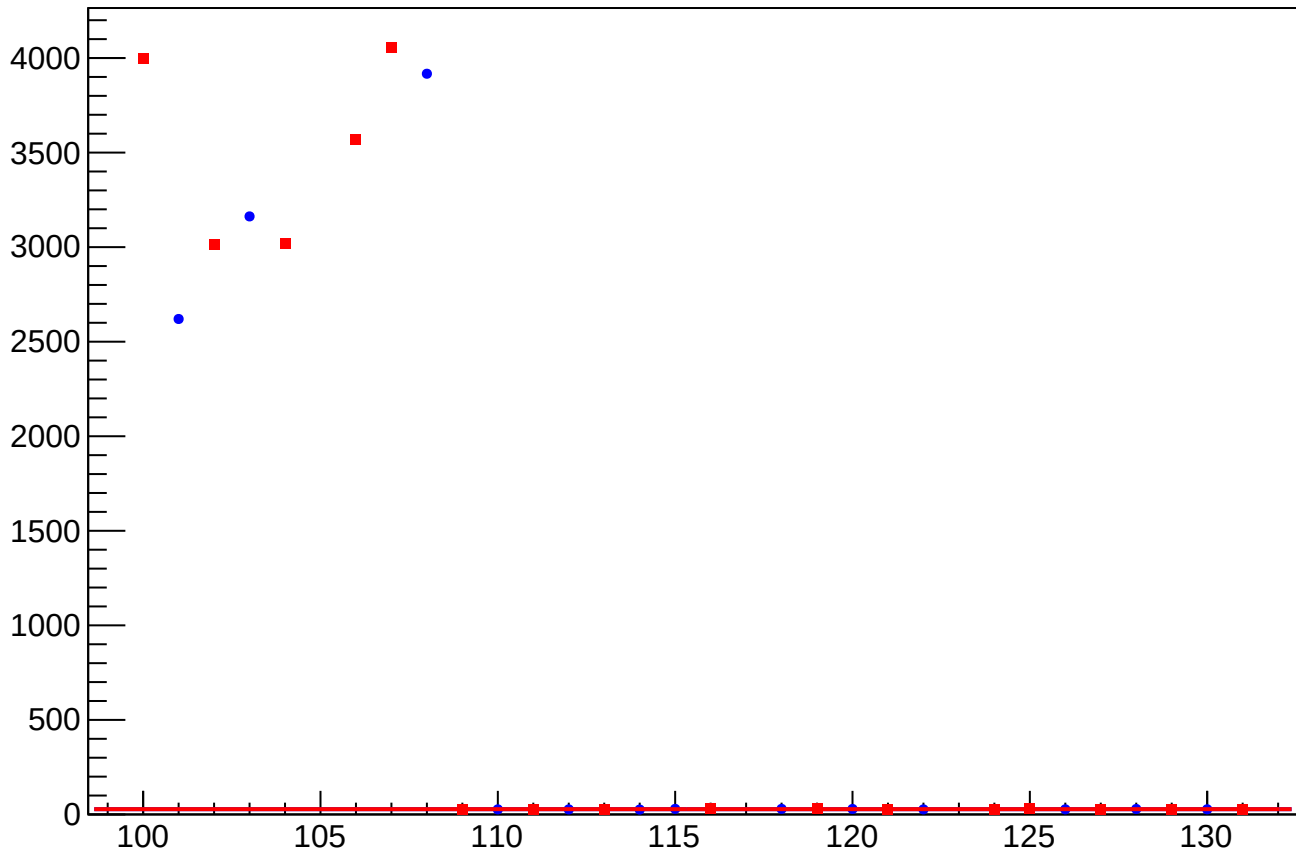
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.668+/-9.752 χ^2/NDF : 32.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug



Right In: 27.796 $\pm$ 0.010 χ^2 /NDF: 3261560.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.960 $\pm$ 0.010 χ^2 /NDF: 3555203.3/15

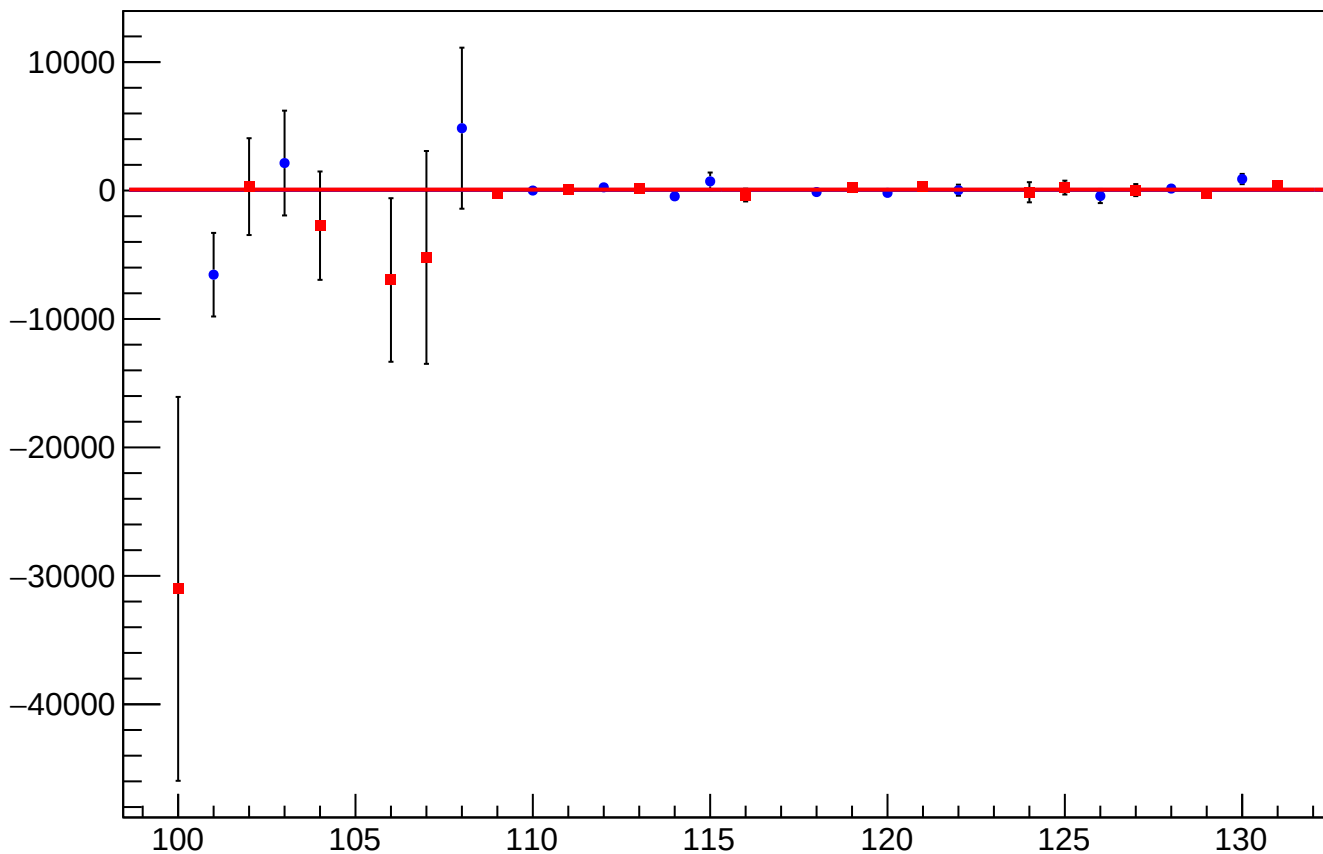
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.881 $\pm$ 0.007 χ^2 /NDF: 6816905.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug



Right In: 48.699+/-99.621 χ^2/NDF : 14.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.396+/-87.983 χ^2/NDF : 11.8/15

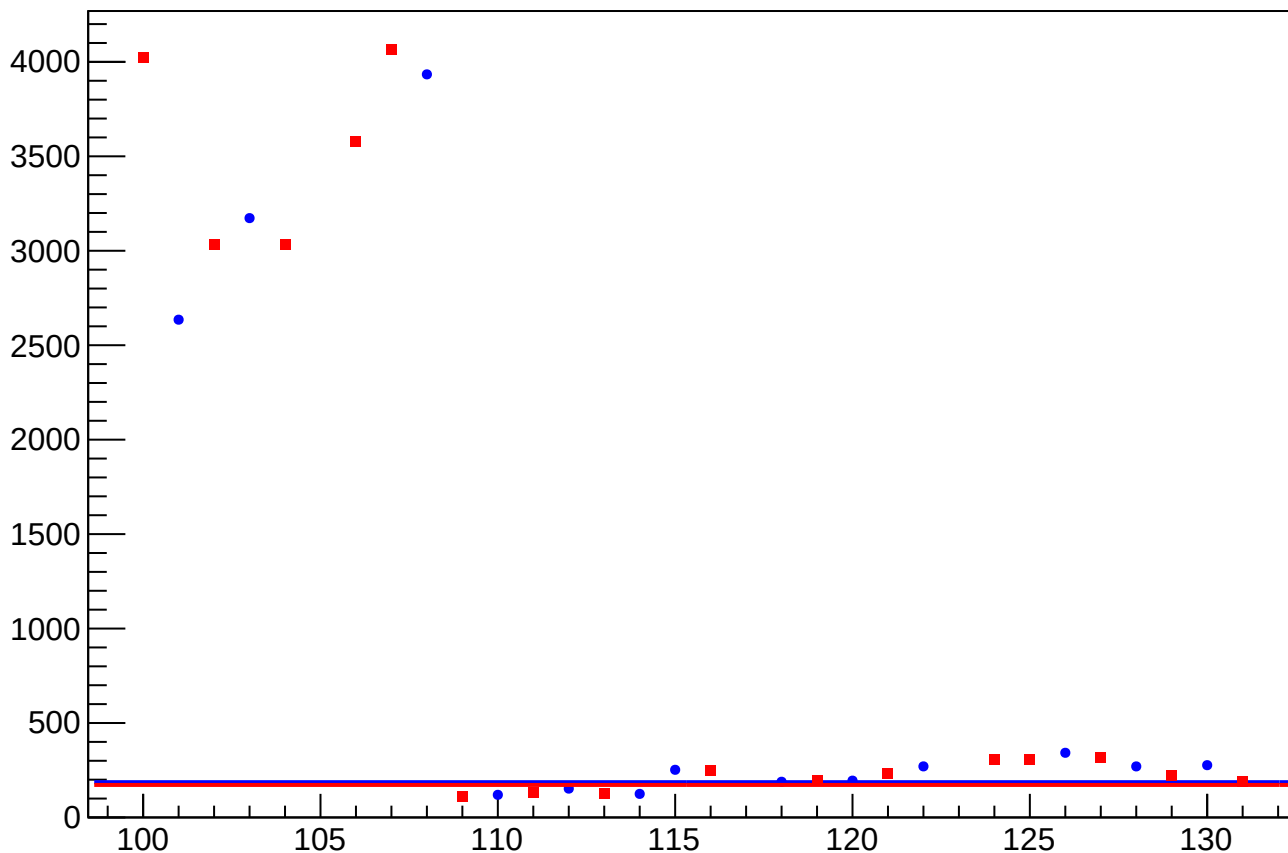
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.450+/-65.946 χ^2/NDF : 26.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug



Right In: 186.754+/-0.070 χ^2/NDF : 3698452.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.176+/-0.062 χ^2/NDF : 4116013.9/15

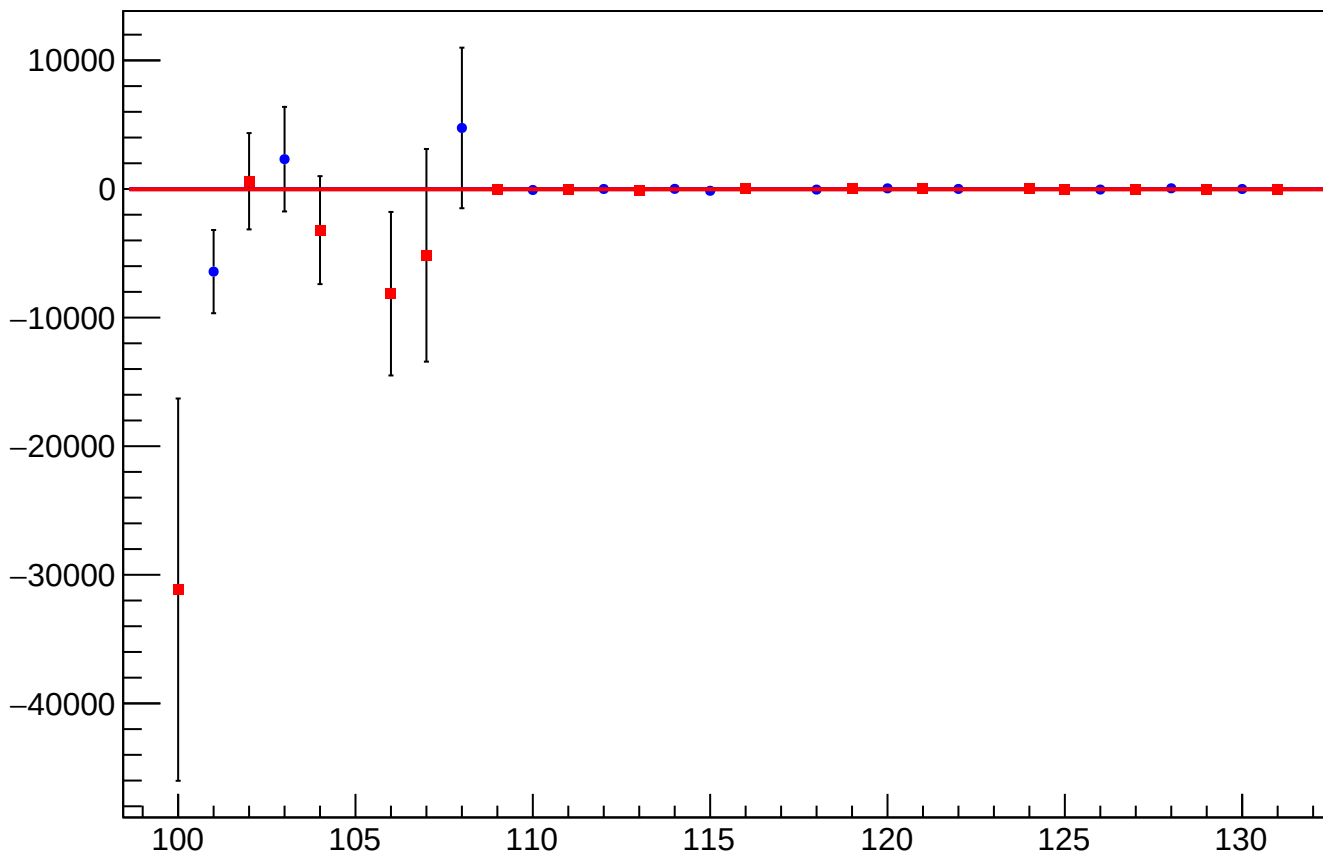
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.564+/-0.047 χ^2/NDF : 7838528.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug



Right In: -10.997 $\pm$ 17.142 χ^2 /NDF: 12.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -21.398 $\pm$ 16.340 χ^2 /NDF: 21.0/15

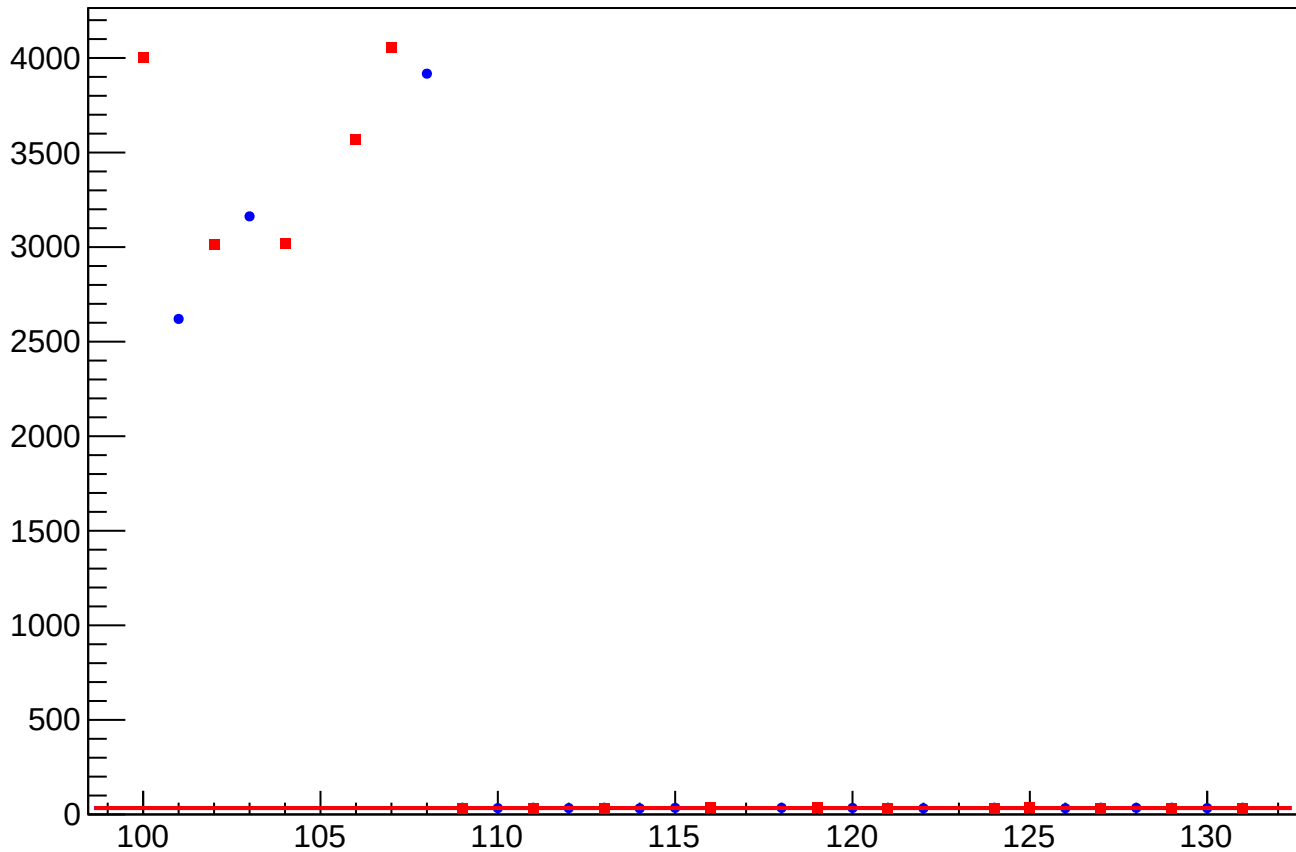
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -16.446 $\pm$ 11.827 χ^2 /NDF: 33.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug



Right In: 33.921+/-0.012 χ^2/NDF : 3241087.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.866+/-0.012 χ^2/NDF : 3525346.9/15

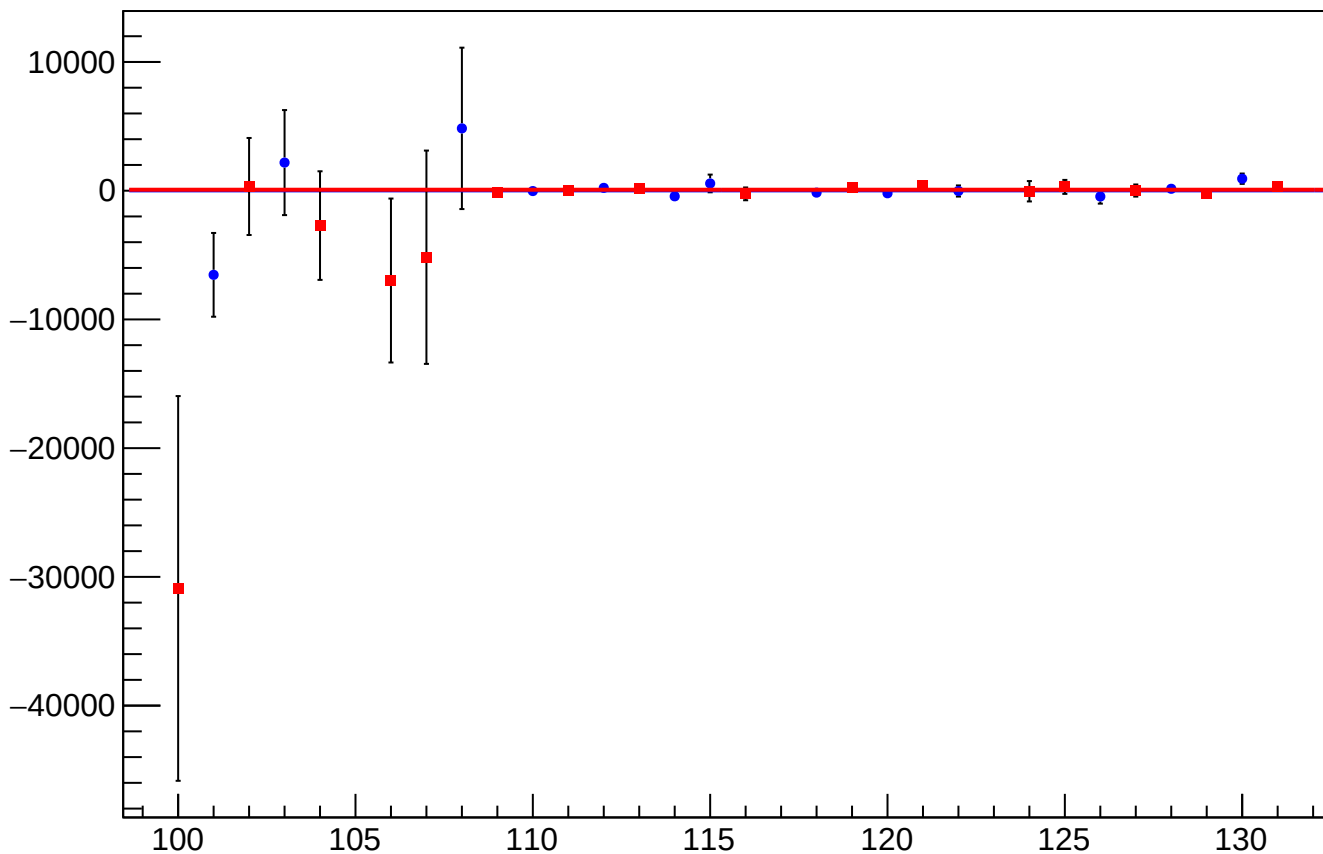
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.892+/-0.008 χ^2/NDF : 6766445.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug



Right In: 26.057 $\pm$ 99.113 χ^2 /NDF: 14.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 75.239 $\pm$ 87.518 χ^2 /NDF: 11.5/15

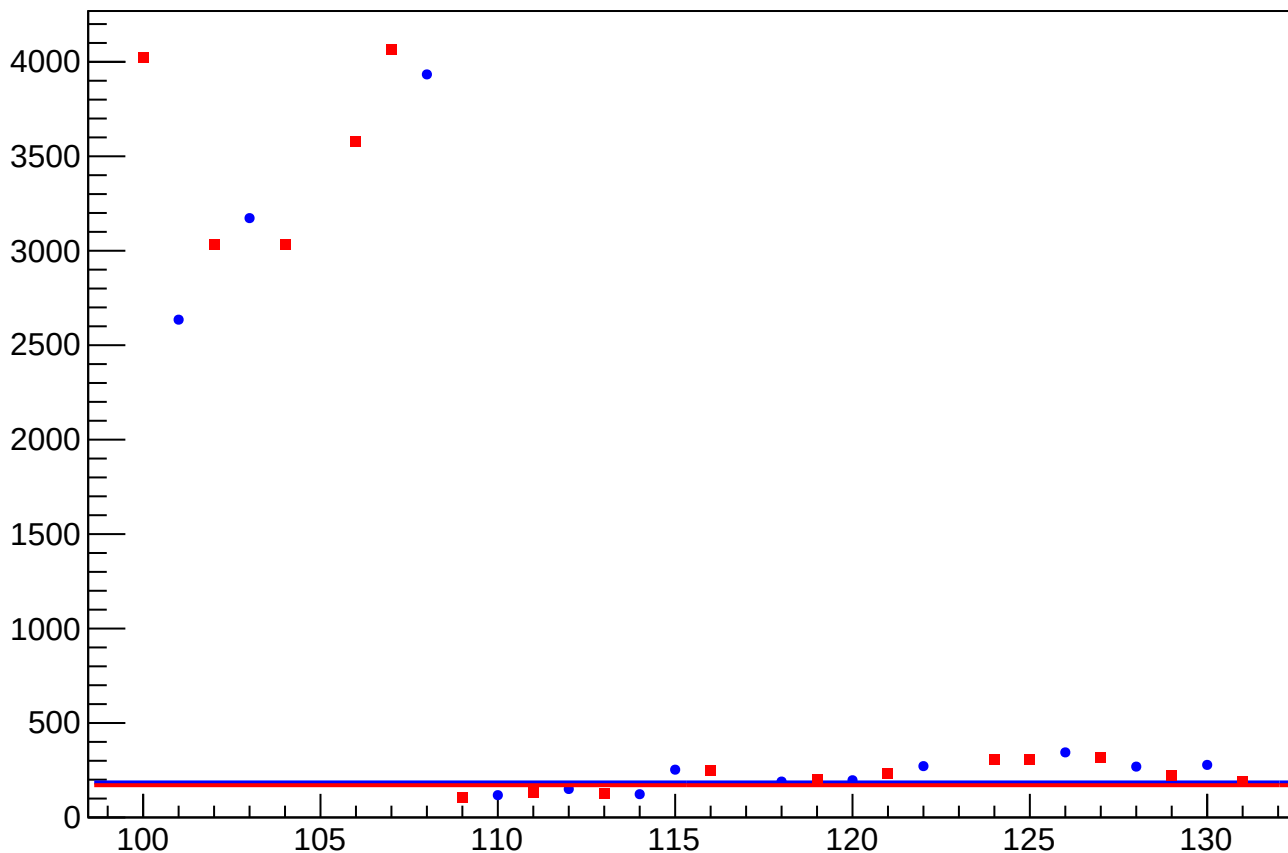
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 53.692 $\pm$ 65.603 χ^2 /NDF: 26.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 185.293+/-0.070 χ^2/NDF : 3734855.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.742+/-0.062 χ^2/NDF : 4162965.9/15

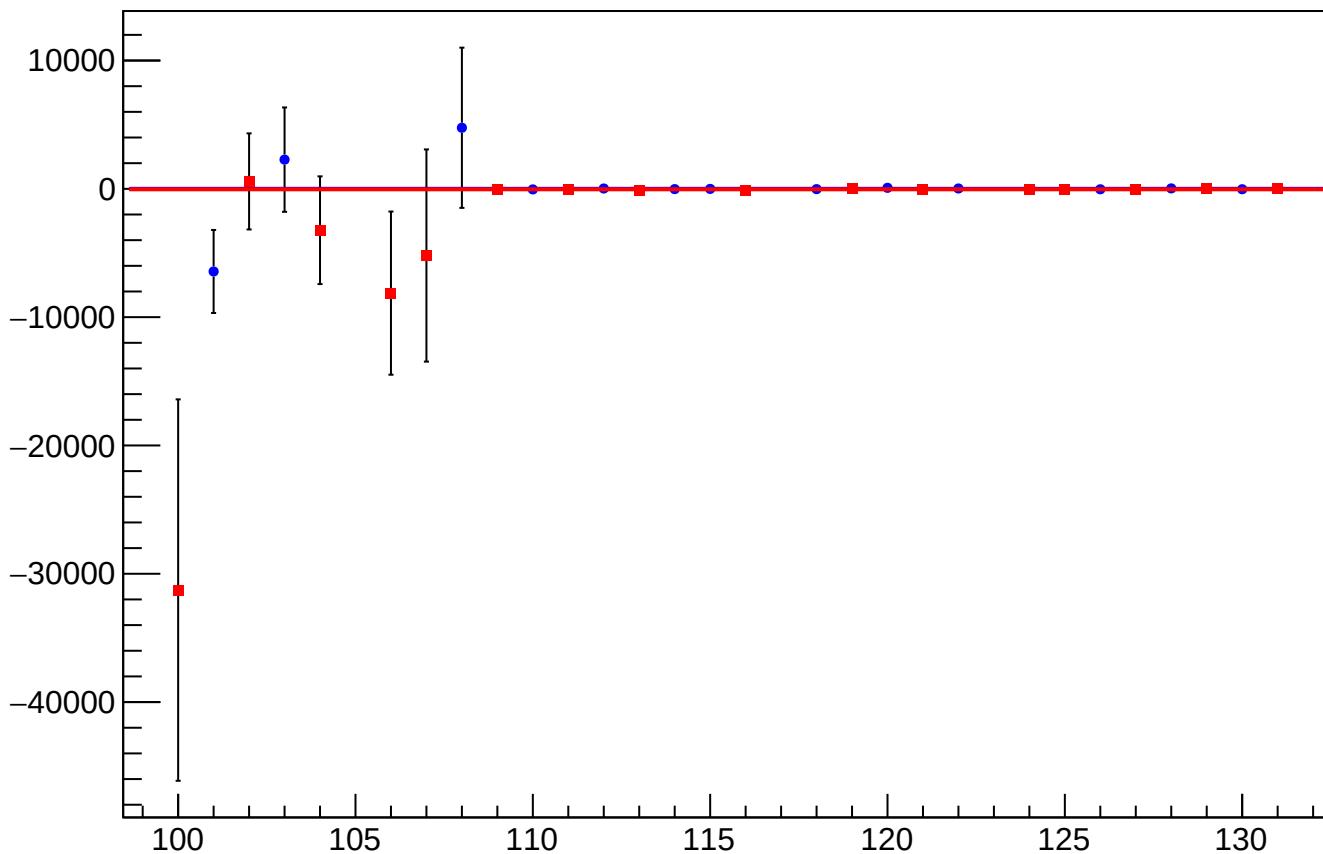
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.117+/-0.046 χ^2/NDF : 7922043.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 1.712 $\pm$ 15.642 χ^2 /NDF: 10.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -36.015 $\pm$ 14.950 χ^2 /NDF: 21.2/15

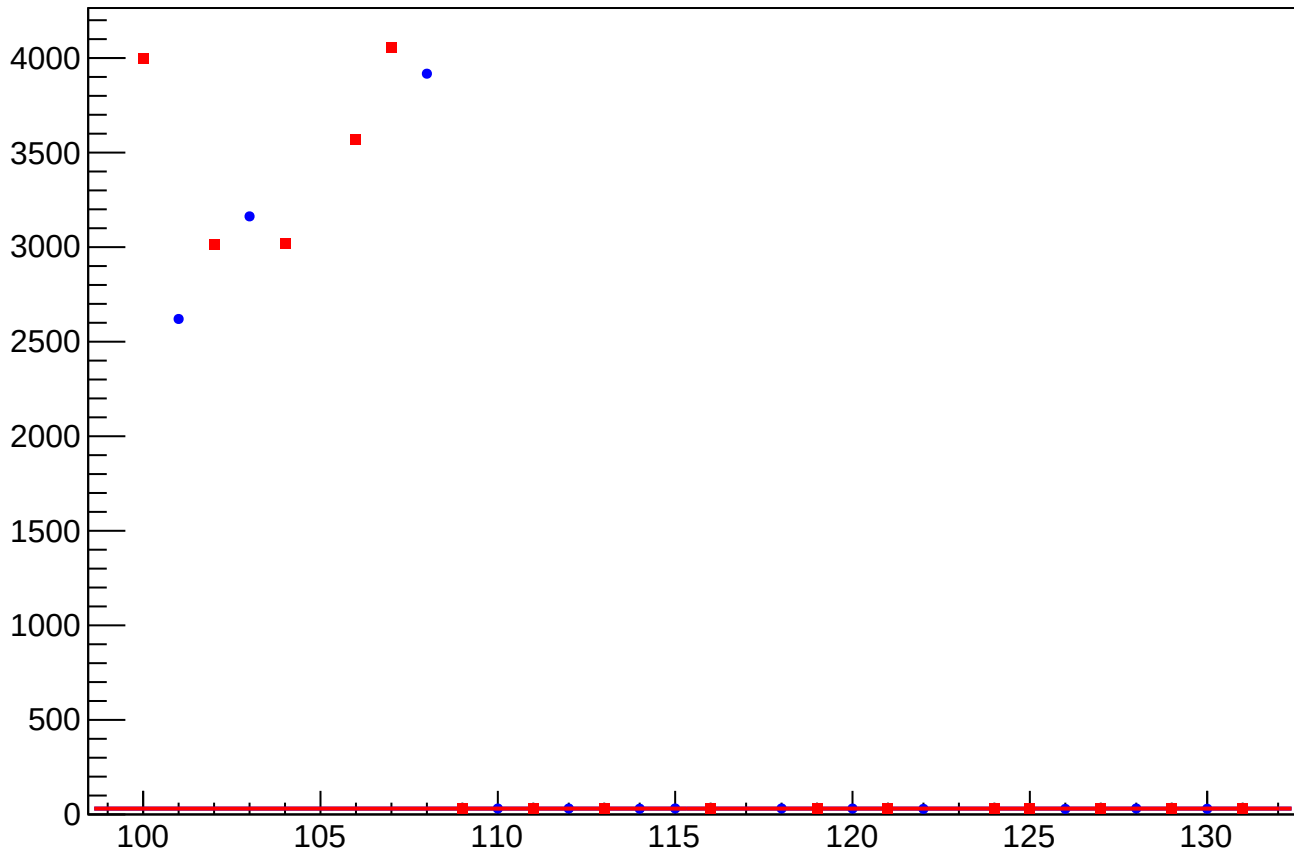
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -18.005 $\pm$ 10.808 χ^2 /NDF: 34.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 30.928+/-0.011 χ^2/NDF : 3248905.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.964+/-0.011 χ^2/NDF : 3533043.4/15

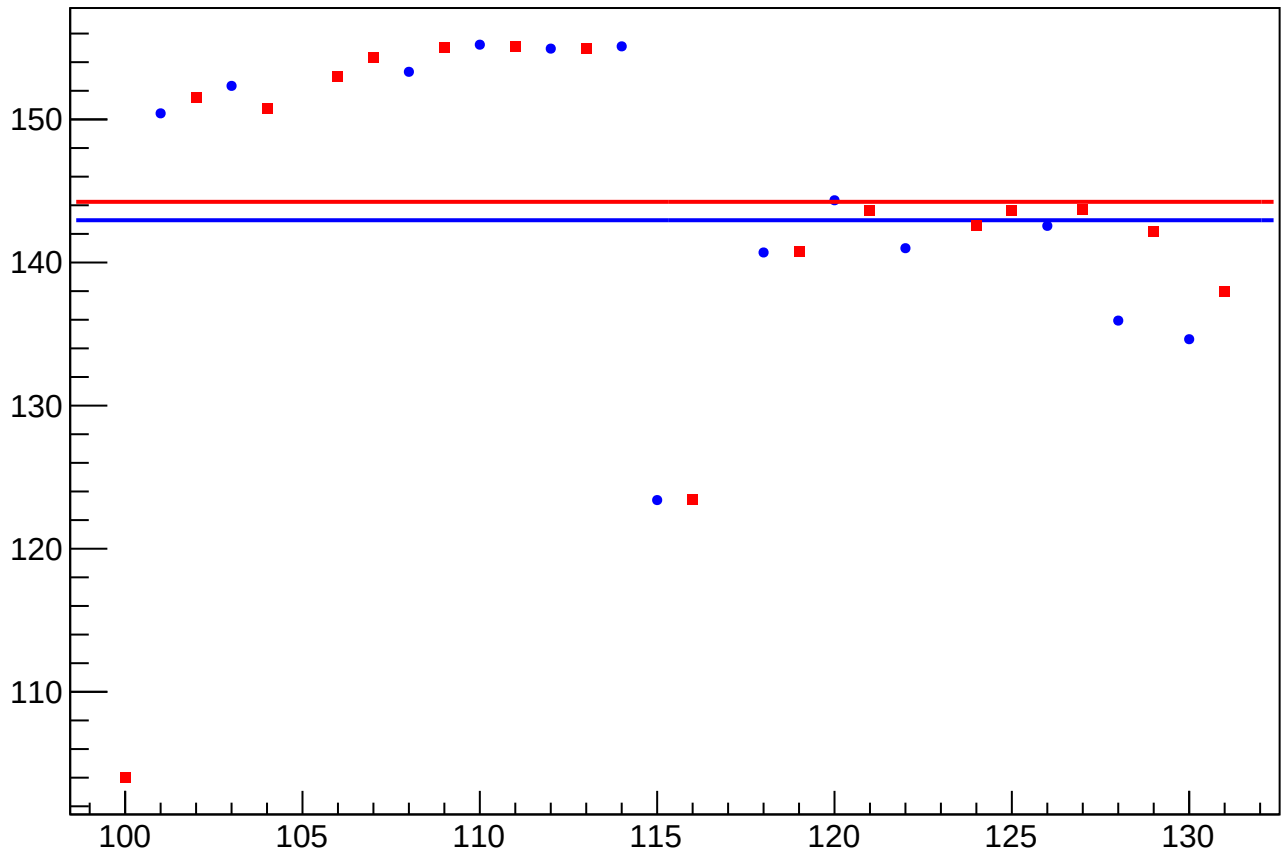
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.947+/-0.008 χ^2/NDF : 6781954.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_target_mean vs Slug



Right In: 142.955+/-0.000 χ^2/NDF : 3442989658.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.241+/-0.000 χ^2/NDF : 4171827151.2/15

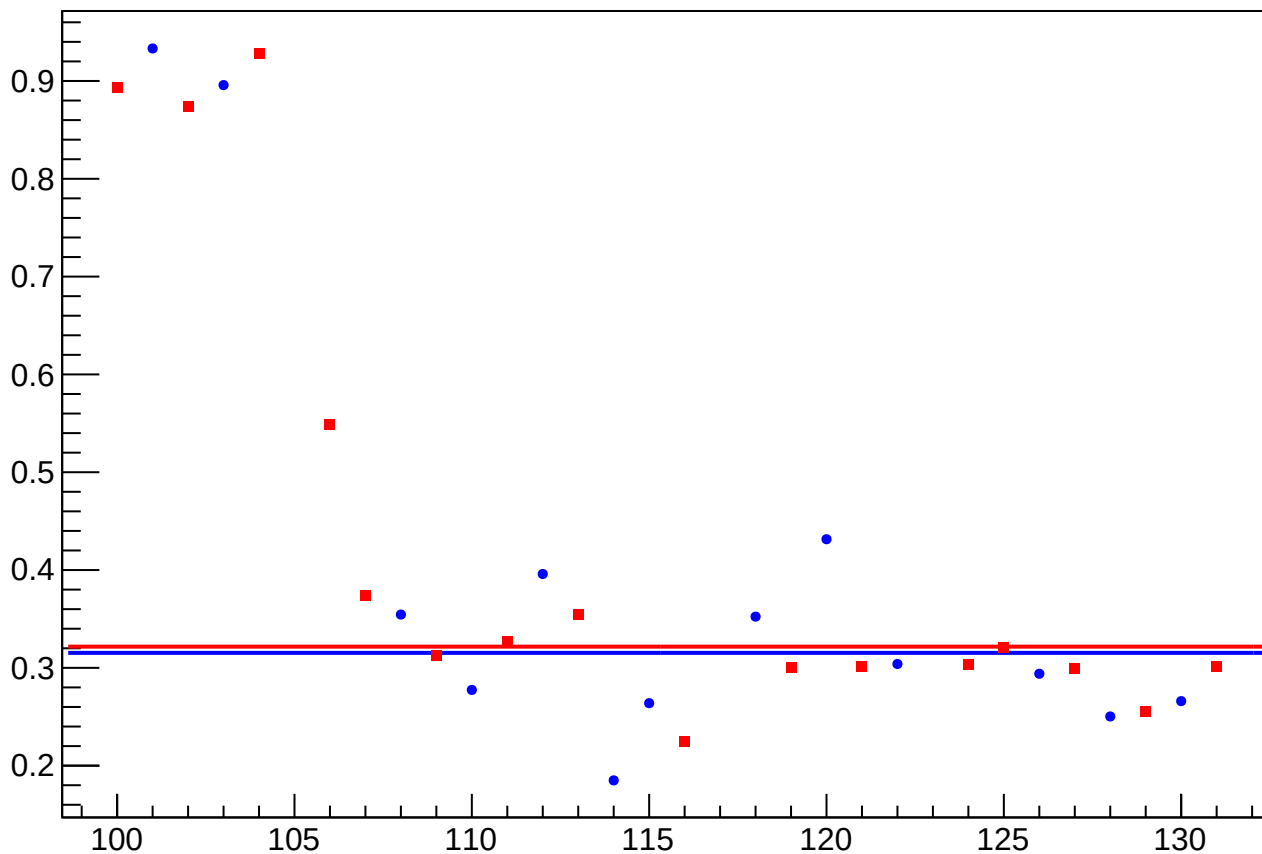
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.631+/-0.000 χ^2/NDF : 7652808761.5

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_target_rms vs Slug



Right In: 0.315+/-0.000 χ^2/NDF : 1367886.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.322+/-0.000 χ^2/NDF : 1258208.1/15

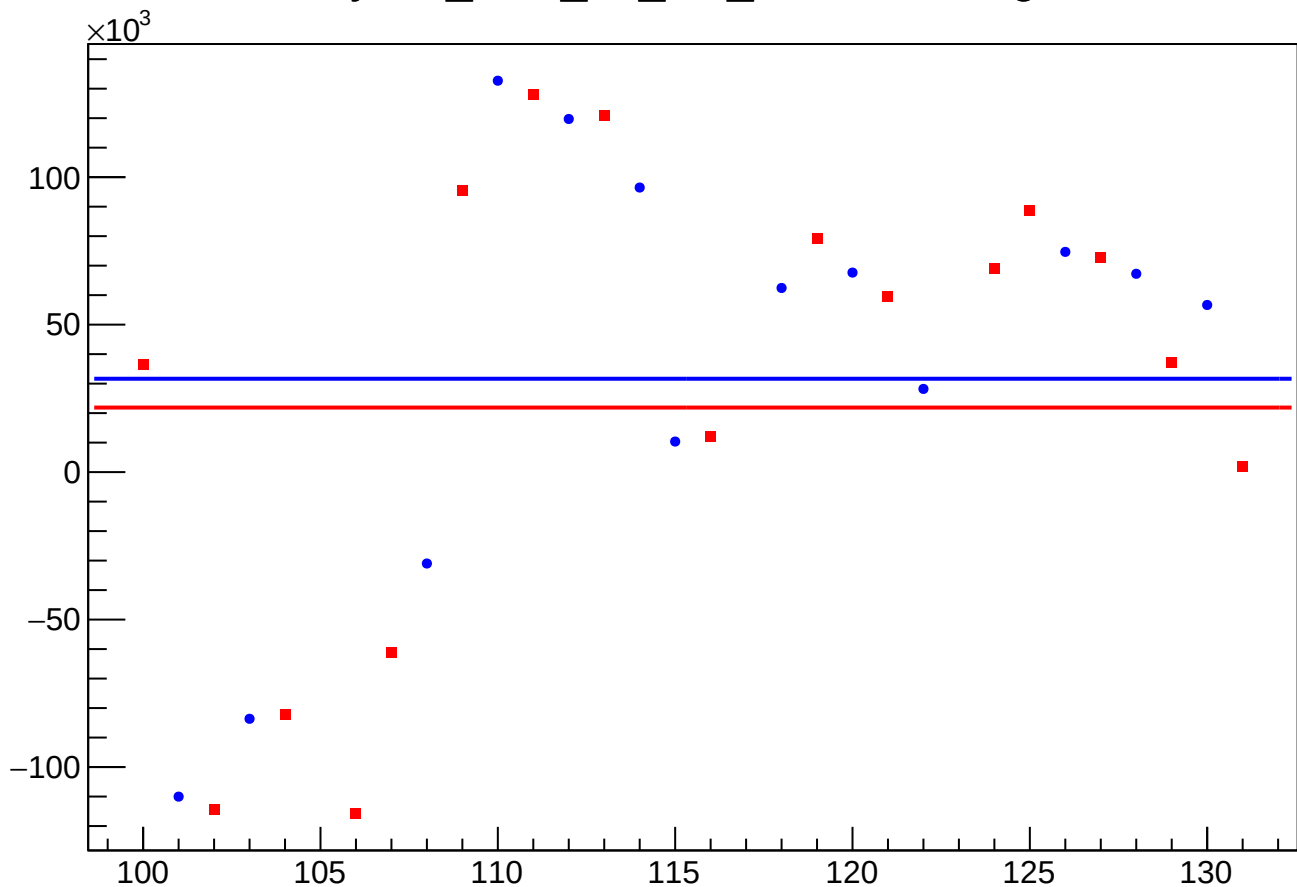
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.319+/-0.000 χ^2/NDF : 2627963.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_diff_mean vs Slug



Right In: 31652.813 $\pm$ 2.254 χ^2 /NDF: 1104938071.9/12

+ 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

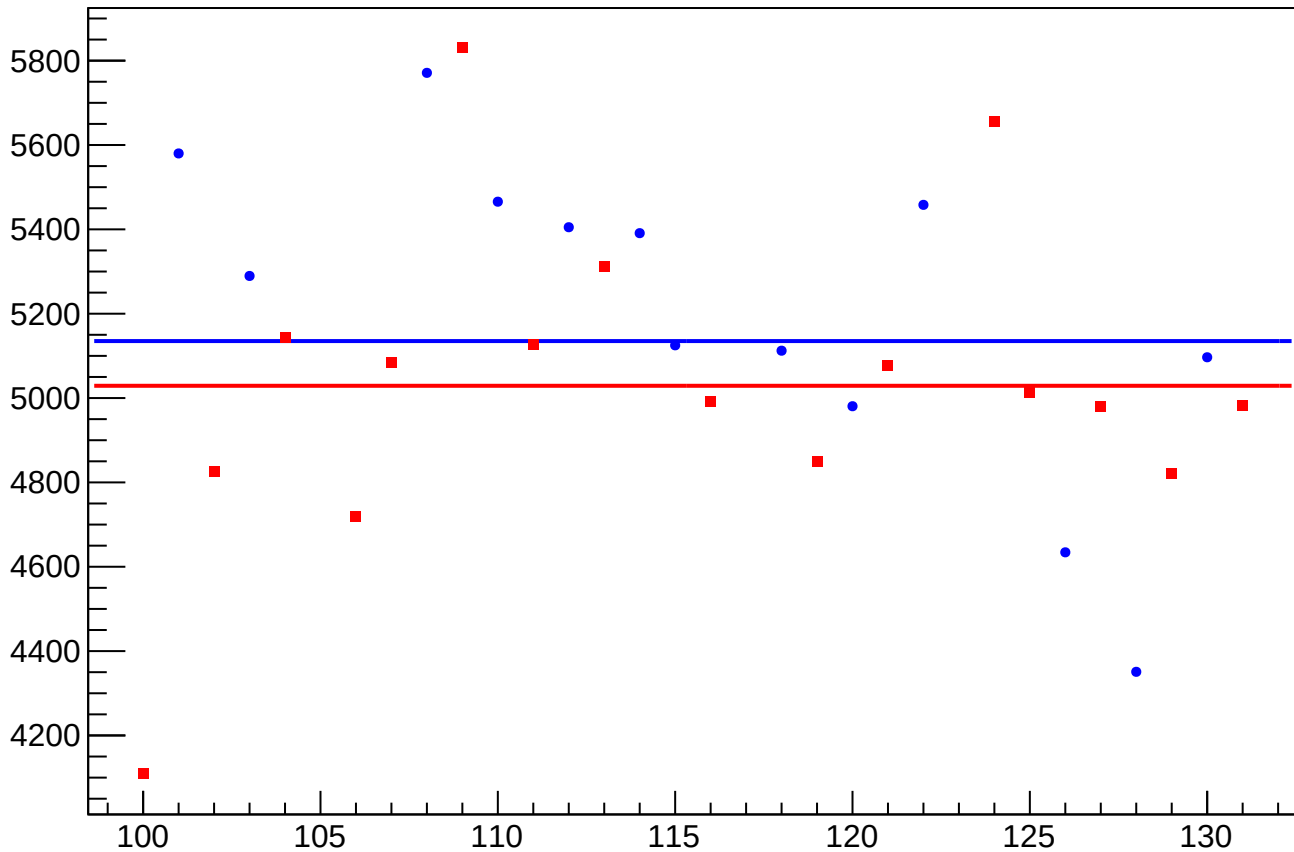
All: 26325.649 $\pm$ 1.520 χ^2 /NDF: 2799776766

Right Out: 21886.202 $\pm$ 2.058 χ^2 /NDF: 1684597825.1/15

- 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: 5135.111+/-1.594 χ^2/NDF : 67872.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5029.092+/-1.455 χ^2/NDF : 41062.2/15

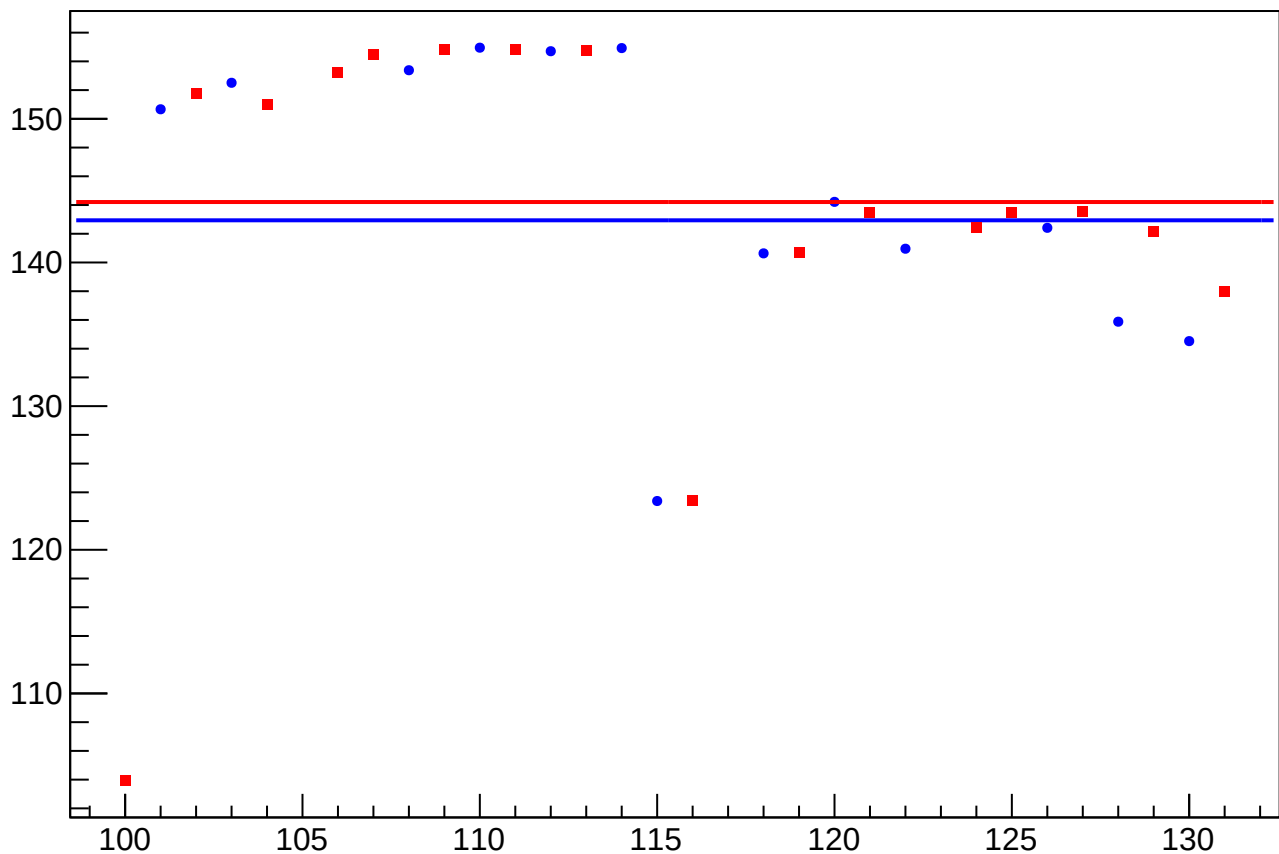
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5077.283+/-1.075 χ^2/NDF : 111348.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_ds_mean vs Slug



Right In: 142.936+/-0.000 χ^2/NDF : 3472571281.4/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

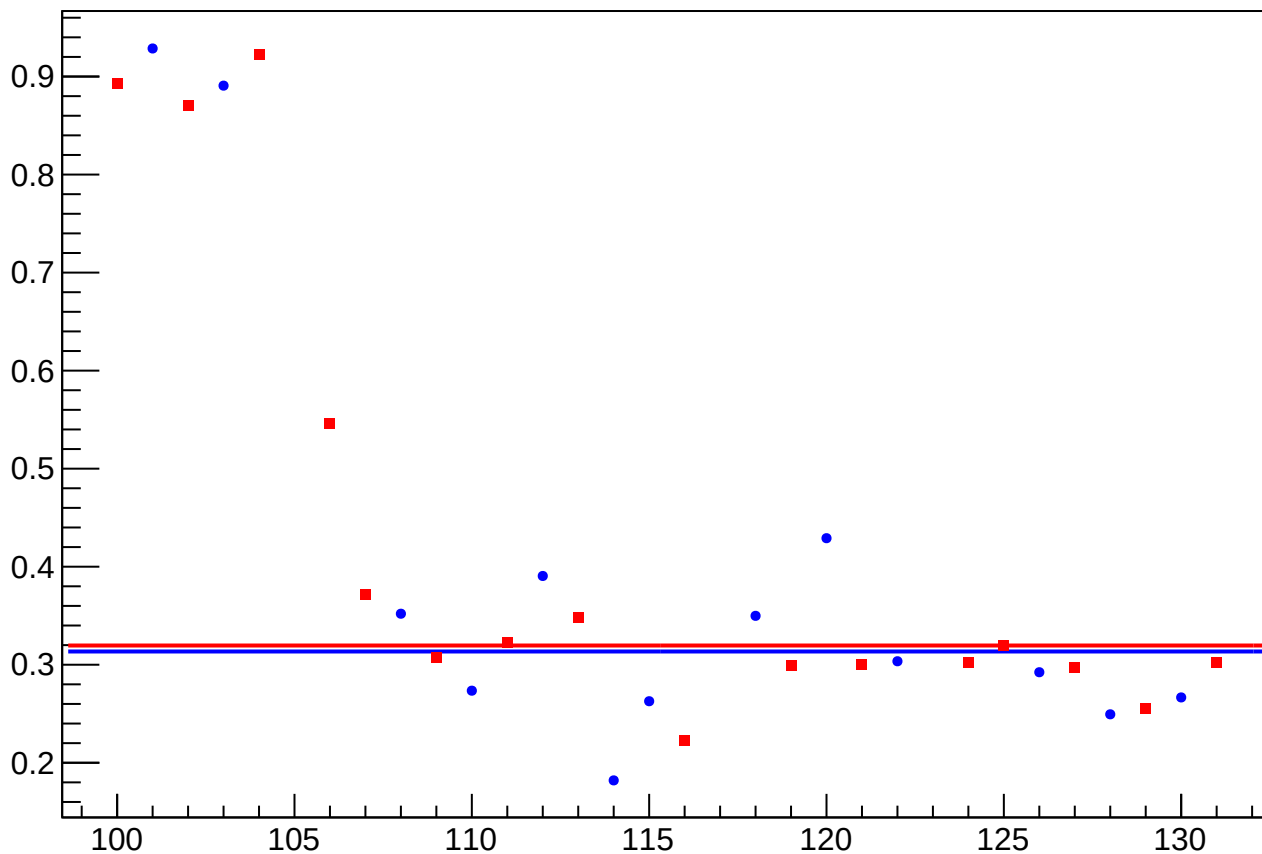
Right Out: 144.209+/-0.000 χ^2/NDF : 4195041505.2/15

All: 143.606+/-0.000 χ^2/NDF : 7705290334.6

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_ds_rms vs Slug



Right In: 0.314+/-0.000 χ^2/NDF : 1366824.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.320+/-0.000 χ^2/NDF : 1255431.6/15

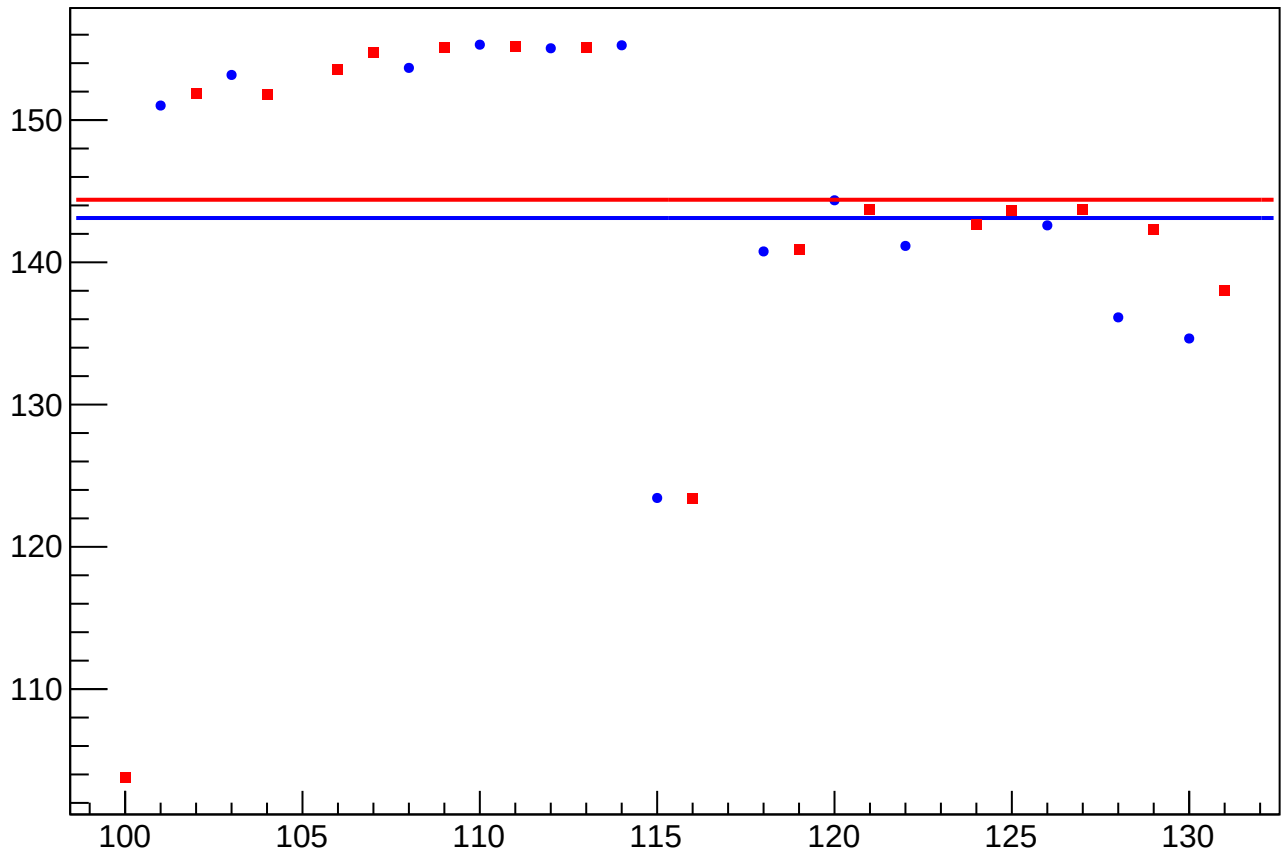
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.317+/-0.000 χ^2/NDF : 2623986.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_ds3_mean vs Slug



Right In: 143.115+/-0.000 χ^2/NDF : 3466951514.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.399+/-0.000 χ^2/NDF : 4187261303.0/15

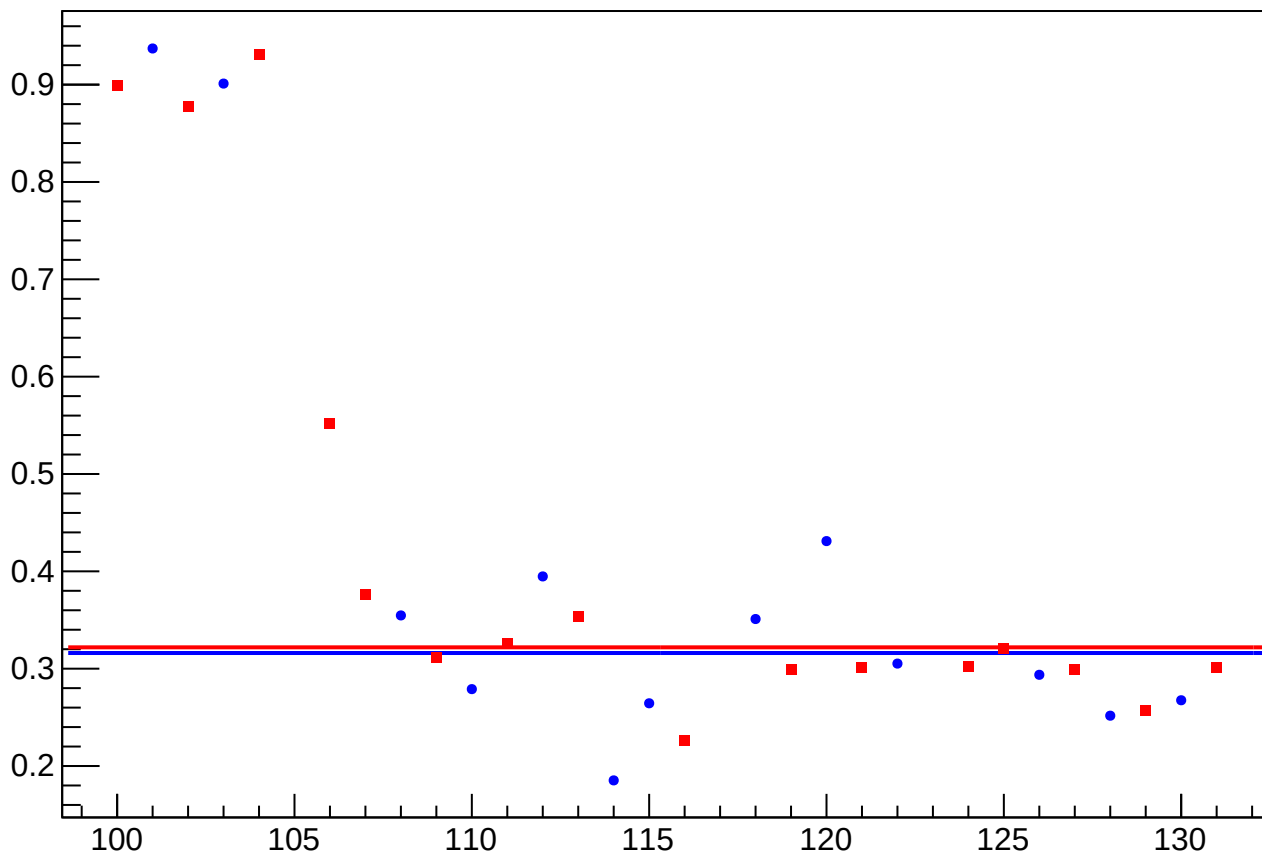
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.791+/-0.000 χ^2/NDF : 7691989304.8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_ds3_rms vs Slug



Right In: 0.316+/-0.000 χ^2/NDF : 1364279.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.322+/-0.000 χ^2/NDF : 1256862.6/15

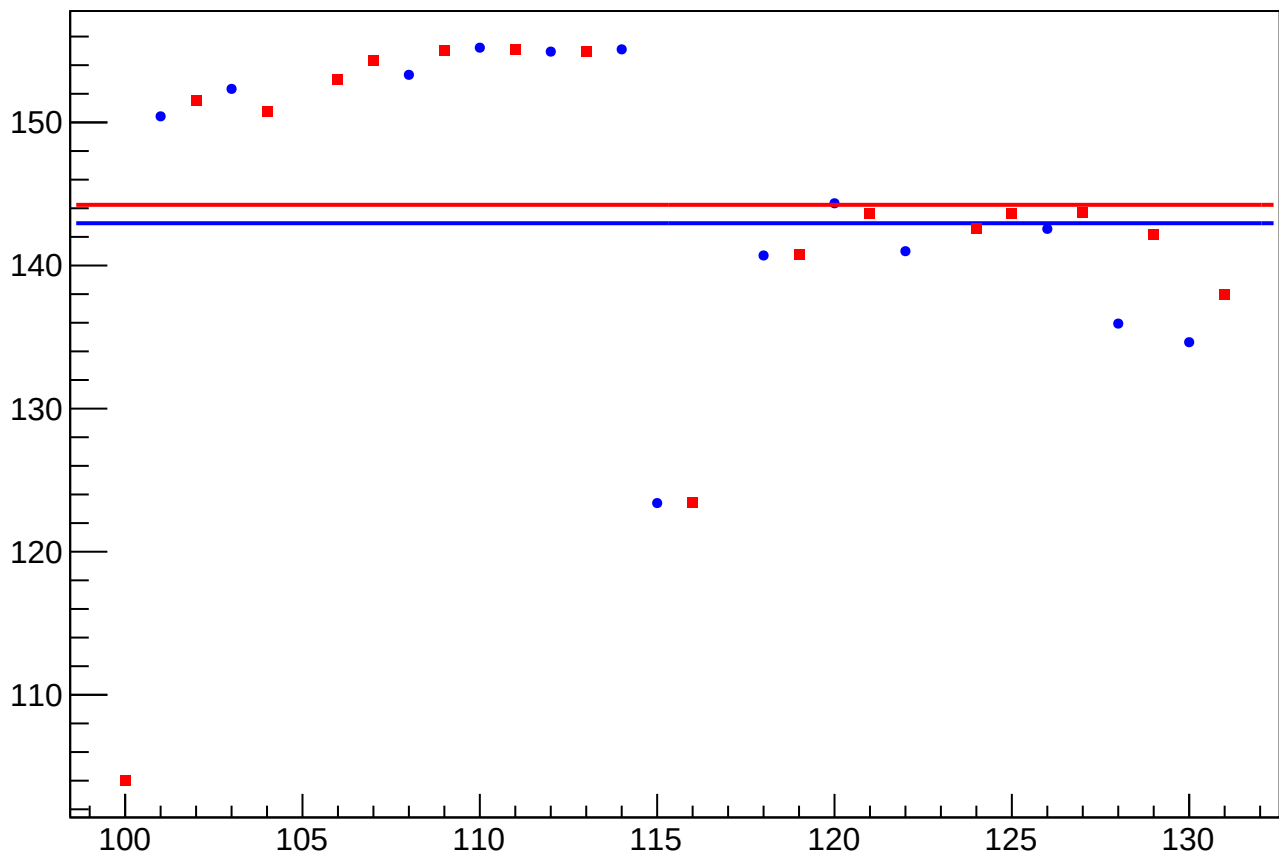
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.319+/-0.000 χ^2/NDF : 2622698.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_us_mean vs Slug



Right In: 142.955+/-0.000 χ^2/NDF : 3442989658.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.241+/-0.000 χ^2/NDF : 4171827151.2/15

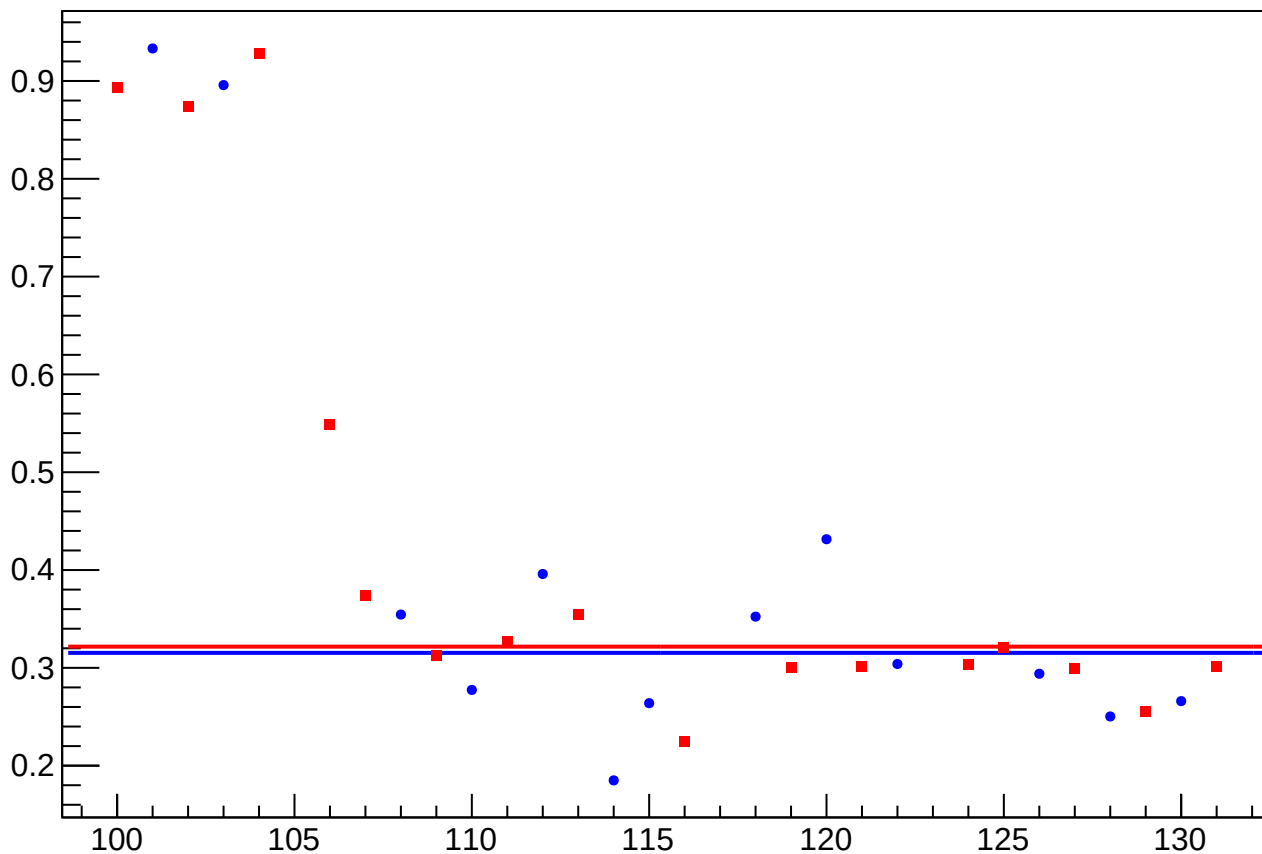
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.631+/-0.000 χ^2/NDF : 7652808761.5

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_us_rms vs Slug



Right In: 0.315+/-0.000 χ^2/NDF : 1367886.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.322+/-0.000 χ^2/NDF : 1258208.1/15

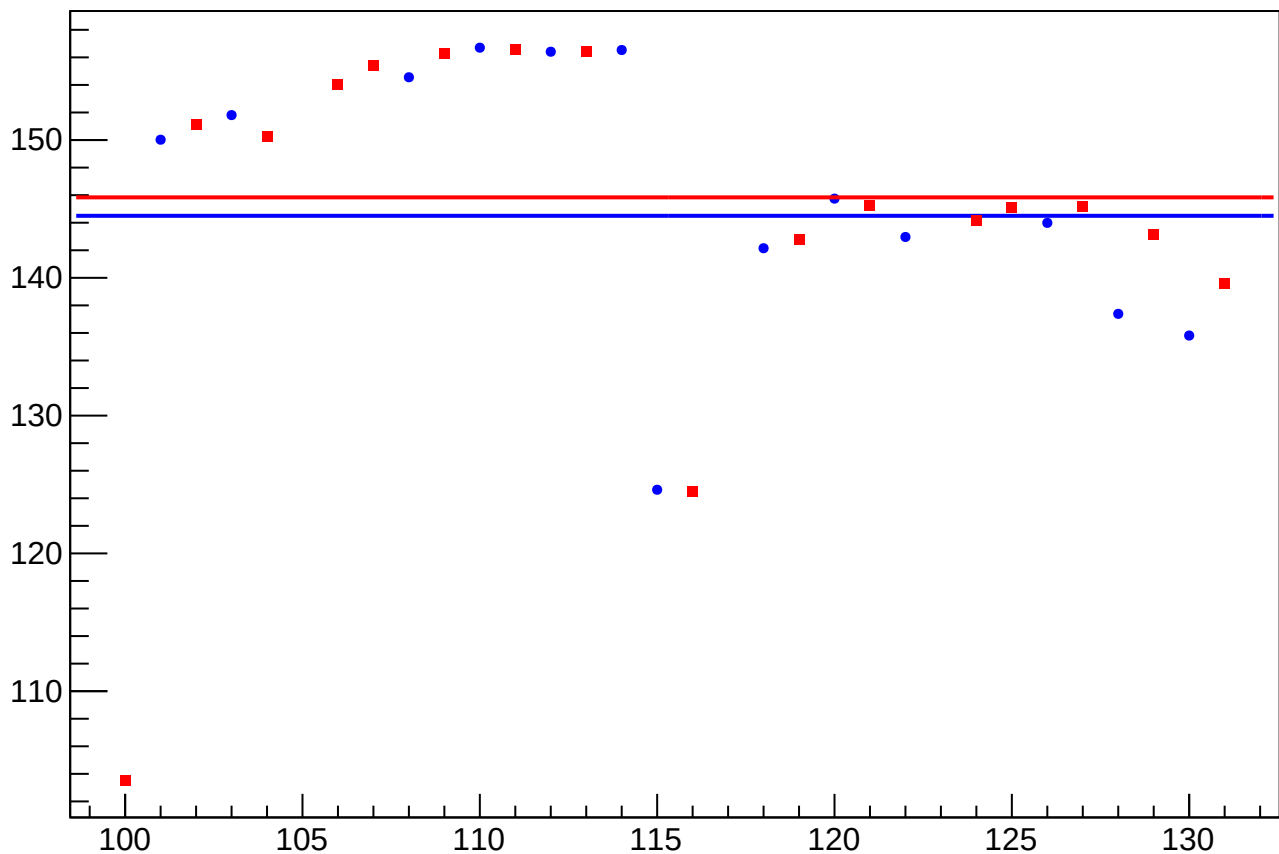
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.319+/-0.000 χ^2/NDF : 2627963.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_dg_us_mean vs Slug



Right In: 144.502 $\pm$ 0.000 χ^2 /NDF: 3222834934.6/12

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

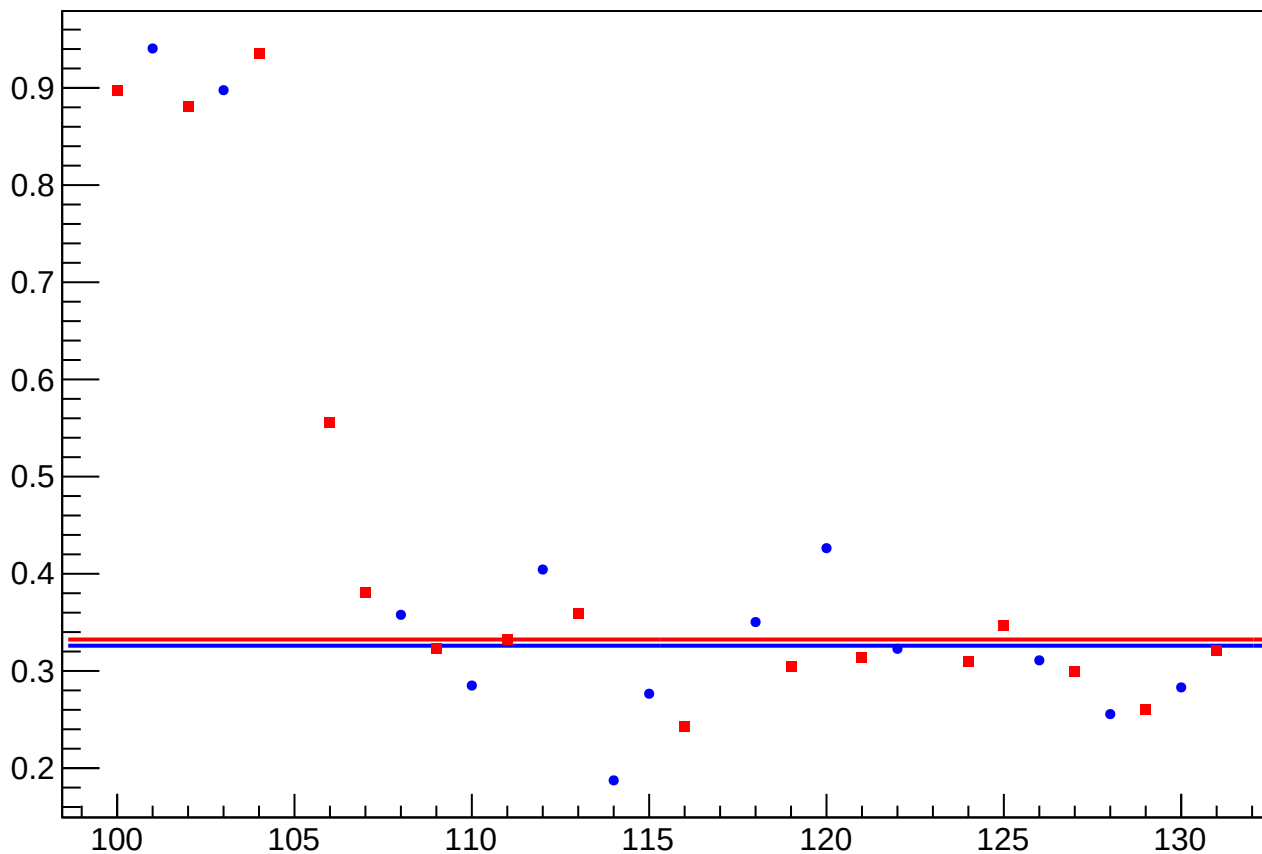
Right Out: 145.840 $\pm$ 0.000 χ^2 /NDF: 3774000963.2/15

All: 145.205 $\pm$ 0.000 χ^2 /NDF: 7035557025.9

- 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: 0.326+/-0.000 χ^2/NDF : 1315786.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.332+/-0.000 χ^2/NDF : 1212577.7/15

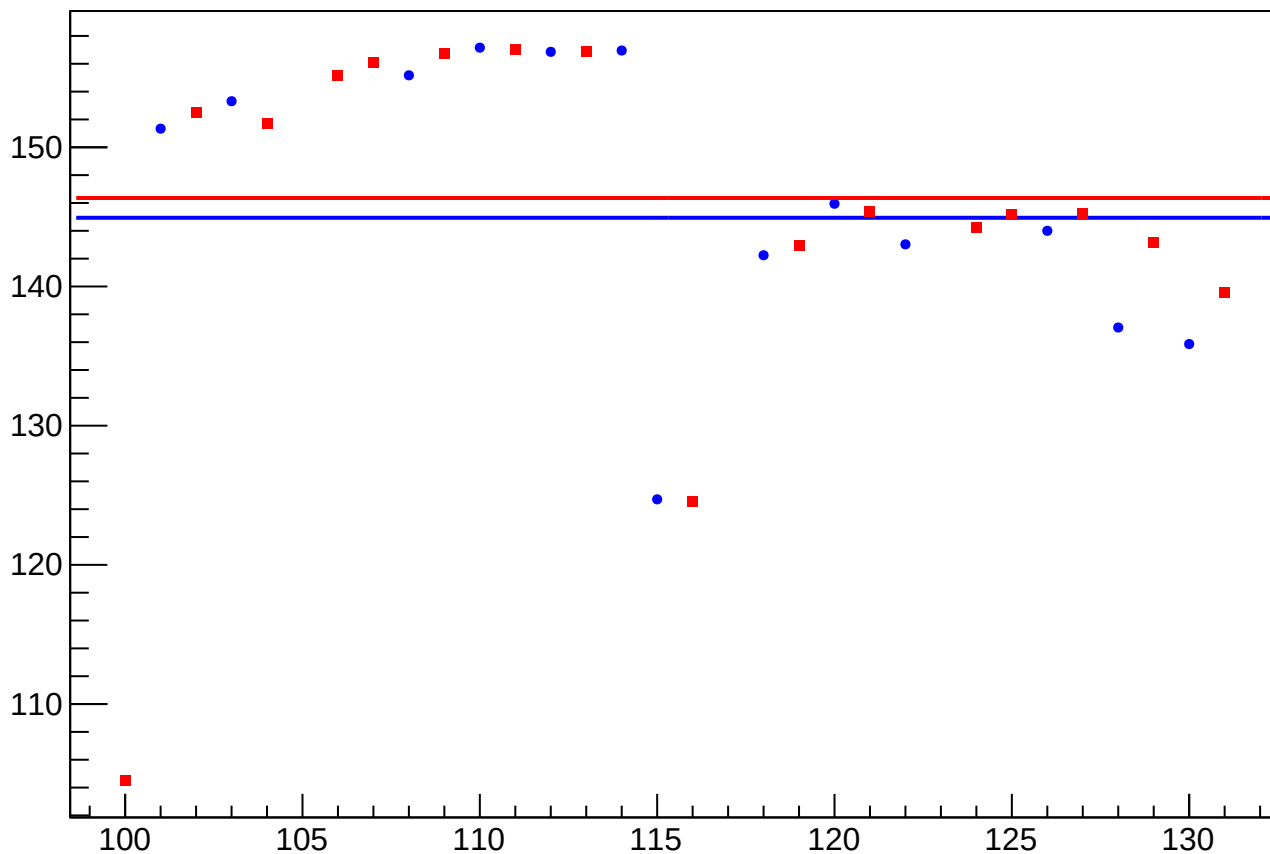
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.329+/-0.000 χ^2/NDF : 2530127.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_dg_ds_mean vs Slug



Right In: 144.936 $\pm$ 0.000 χ^2 /NDF: 3408750258.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 146.359 $\pm$ 0.000 χ^2 /NDF: 3876631021.0/15

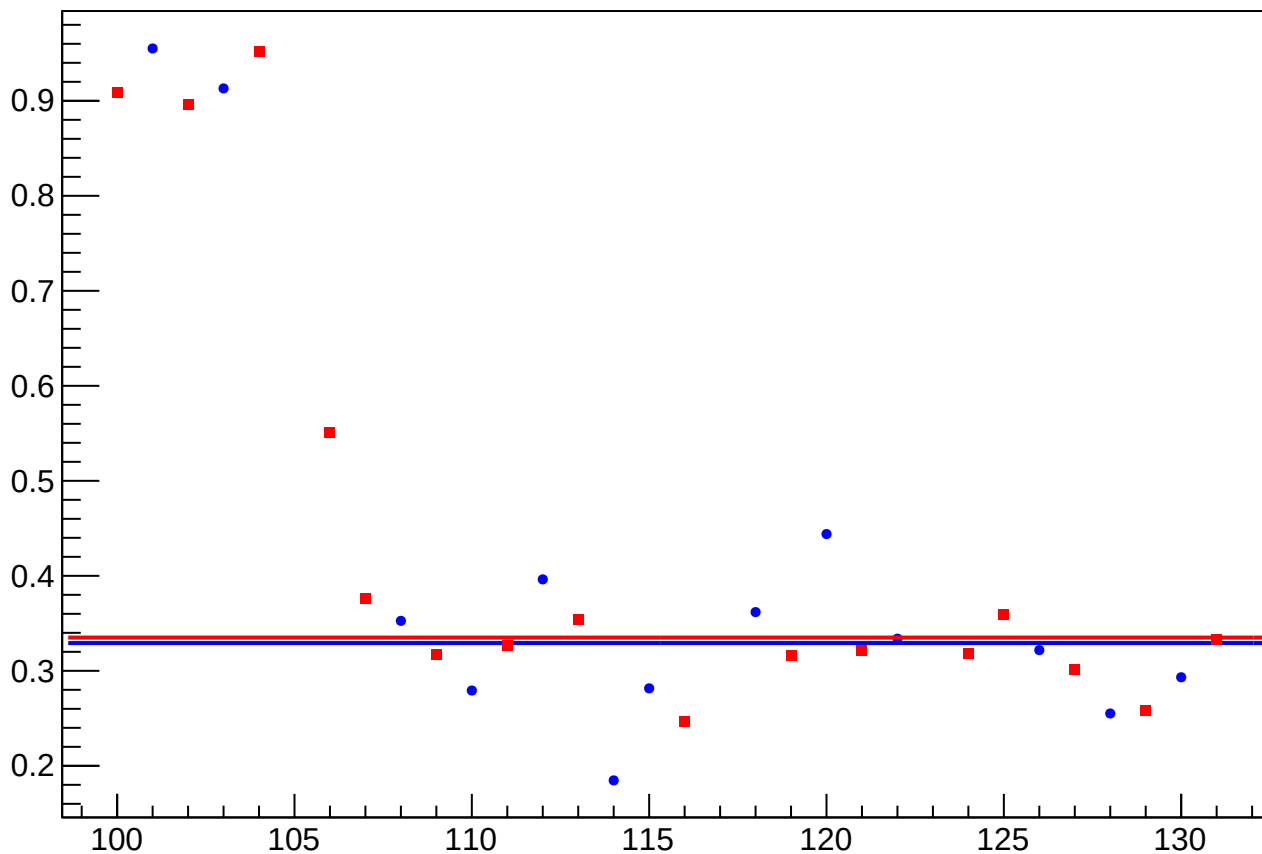
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 145.685 $\pm$ 0.000 χ^2 /NDF: 7328278827.8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_dg_ds_rms vs Slug



Right In: 0.329+/-0.000 χ^2/NDF : 1339048.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.335+/-0.000 χ^2/NDF : 1213398.2/15

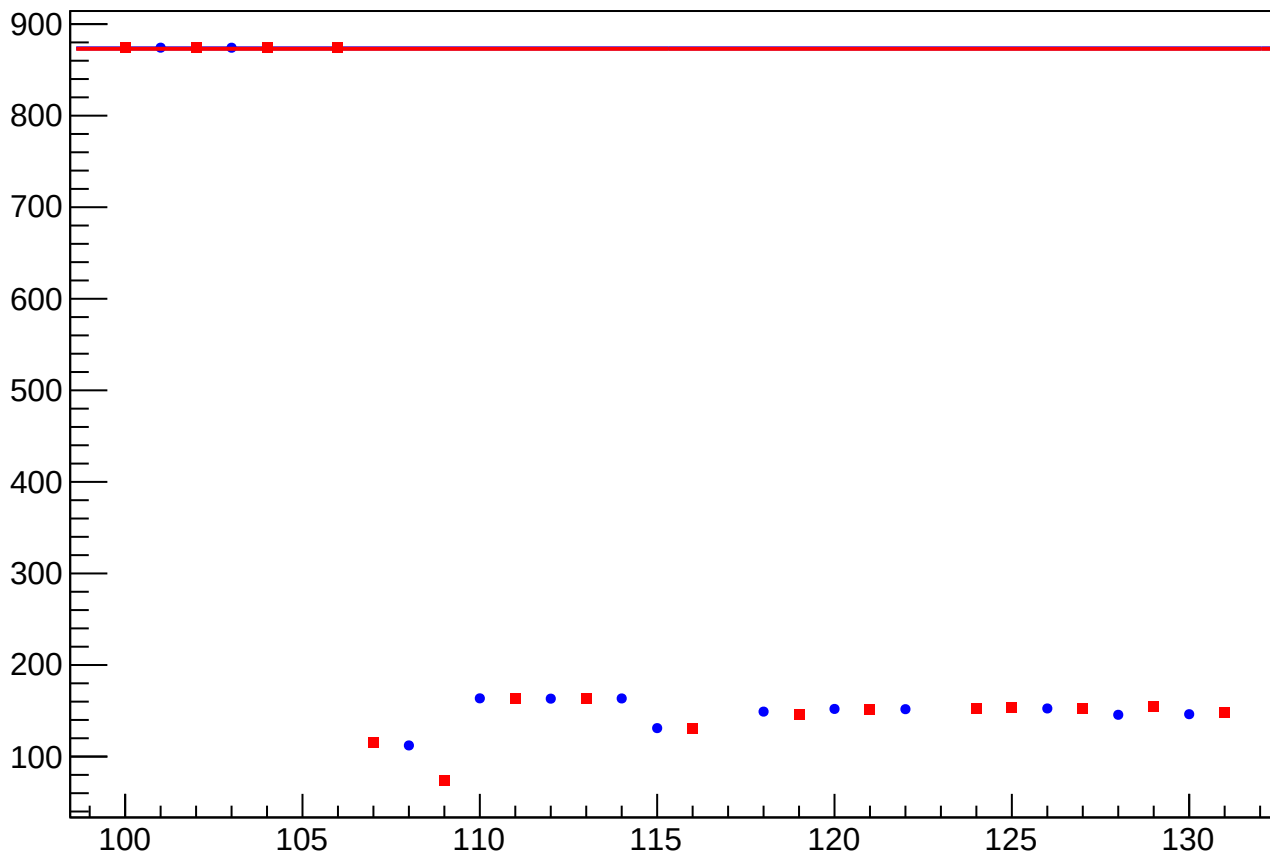
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.332+/-0.000 χ^2/NDF : 2553871.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bQ_mean vs Slug



Right In: 873.477+/-0.000 χ^2/NDF : 3863772653749.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

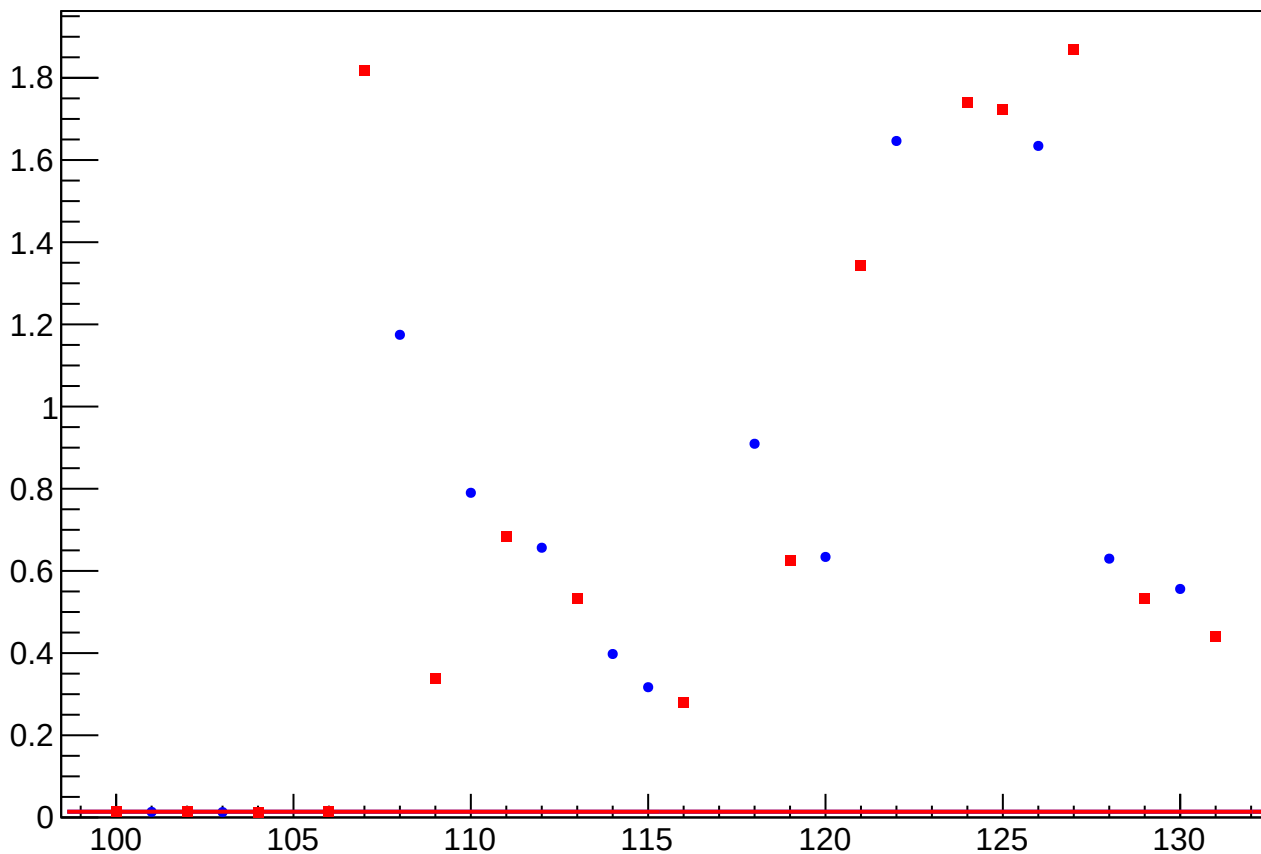
All: 873.228+/-0.000 χ^2/NDF : 110587963437

Right Out: 873.012+/-0.000 χ^2/NDF : 7194199430856.9/15

- 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 : 6639640.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 7359572.4/15

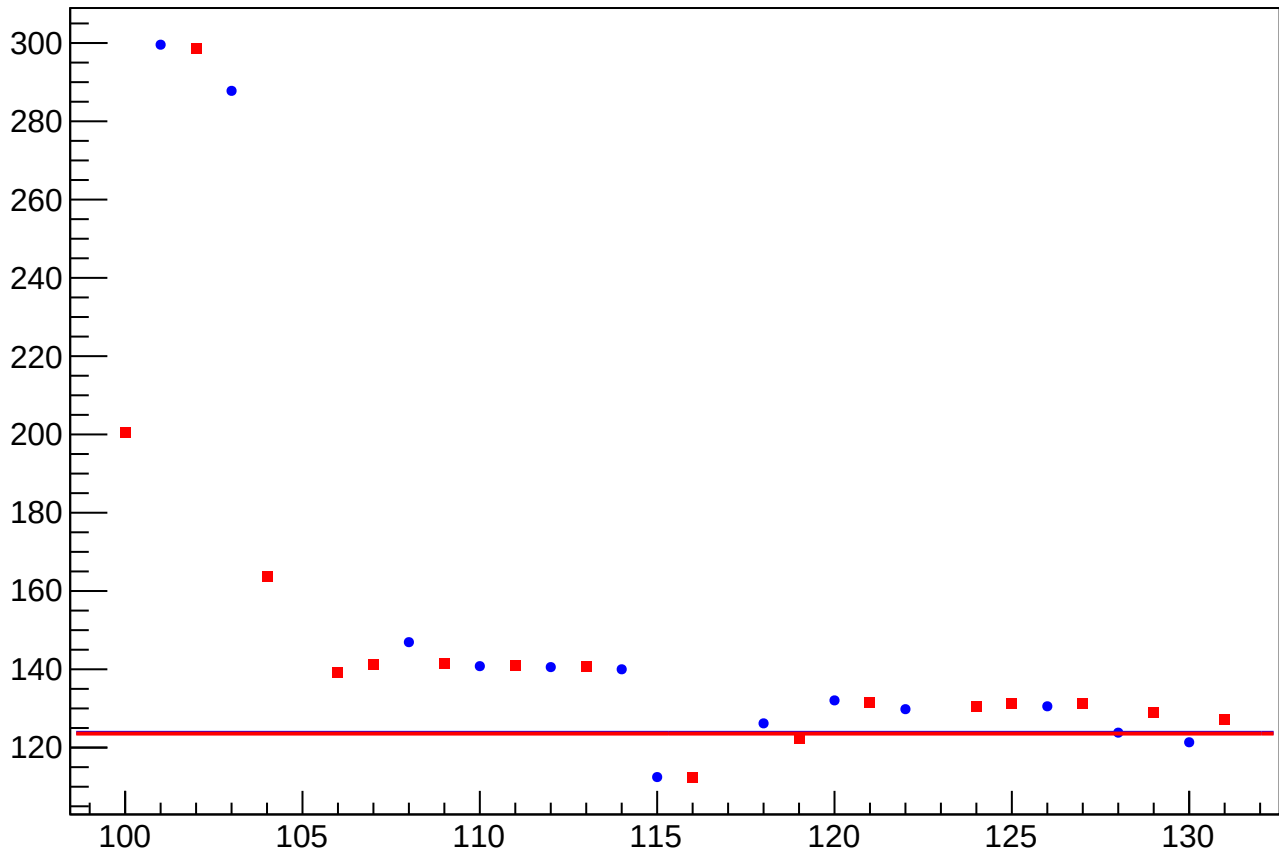
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 13999234.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cQ_mean vs Slug



Right In: 123.765+/-0.000 χ^2/NDF : 1254743129.3/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

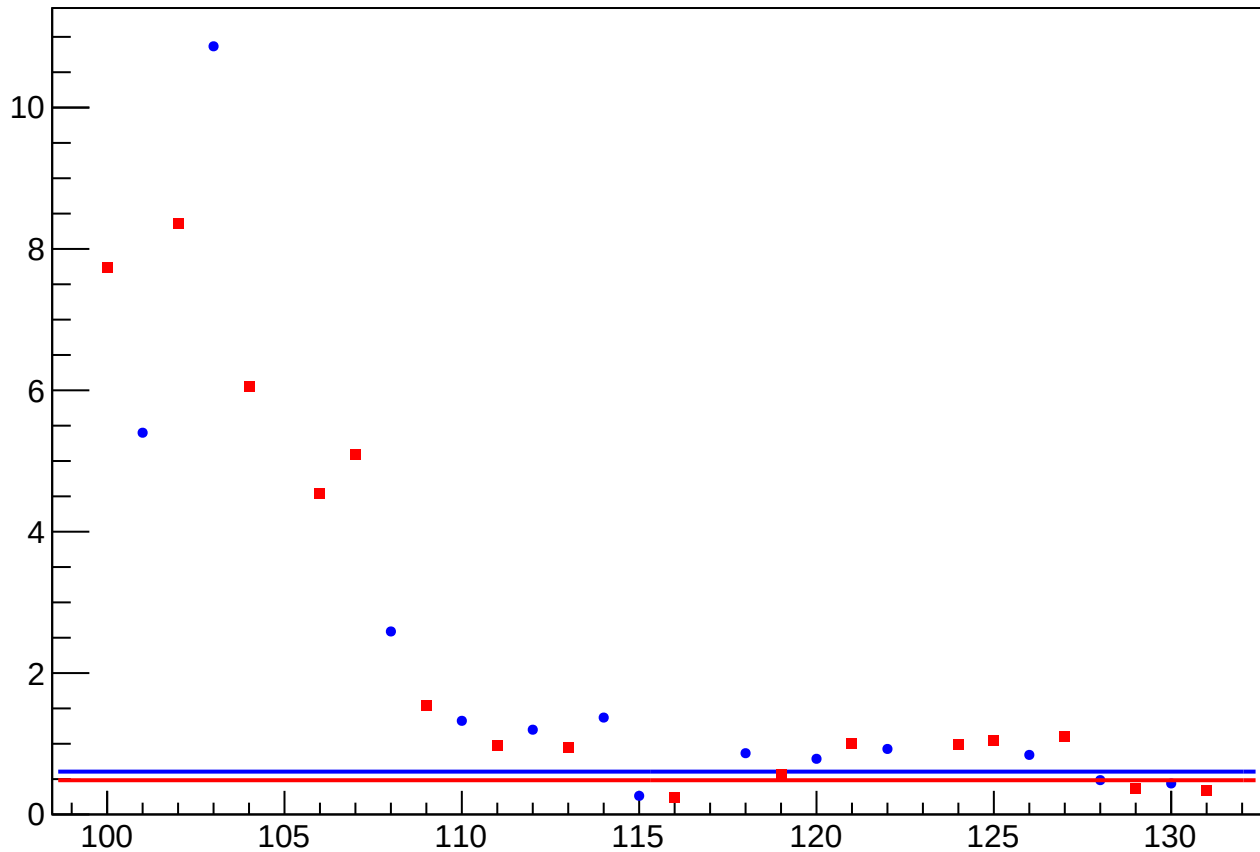
Right Out: 123.580+/-0.000 χ^2/NDF : 1255567405.9/15

All: 123.651+/-0.000 χ^2/NDF : 2510464857.5

- 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: 0.606 $\pm$ 0.000 χ^2 /NDF: 3660515.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.484 $\pm$ 0.000 χ^2 /NDF: 4841380.3/15

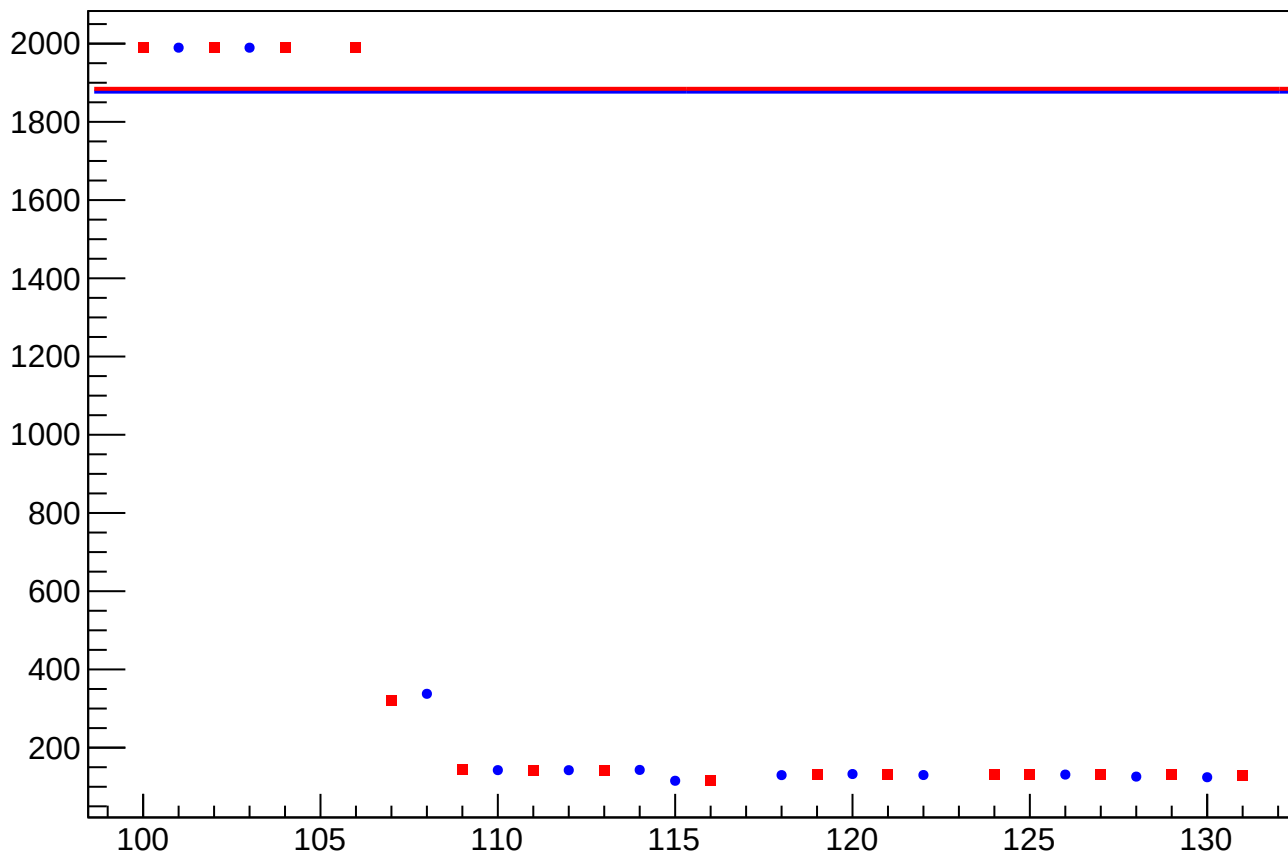
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.531 $\pm$ 0.000 χ^2 /NDF: 8636442.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4dQ_mean vs Slug



Right In: 1877.285+/-0.000 χ^2/NDF : 109506854887045.1/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

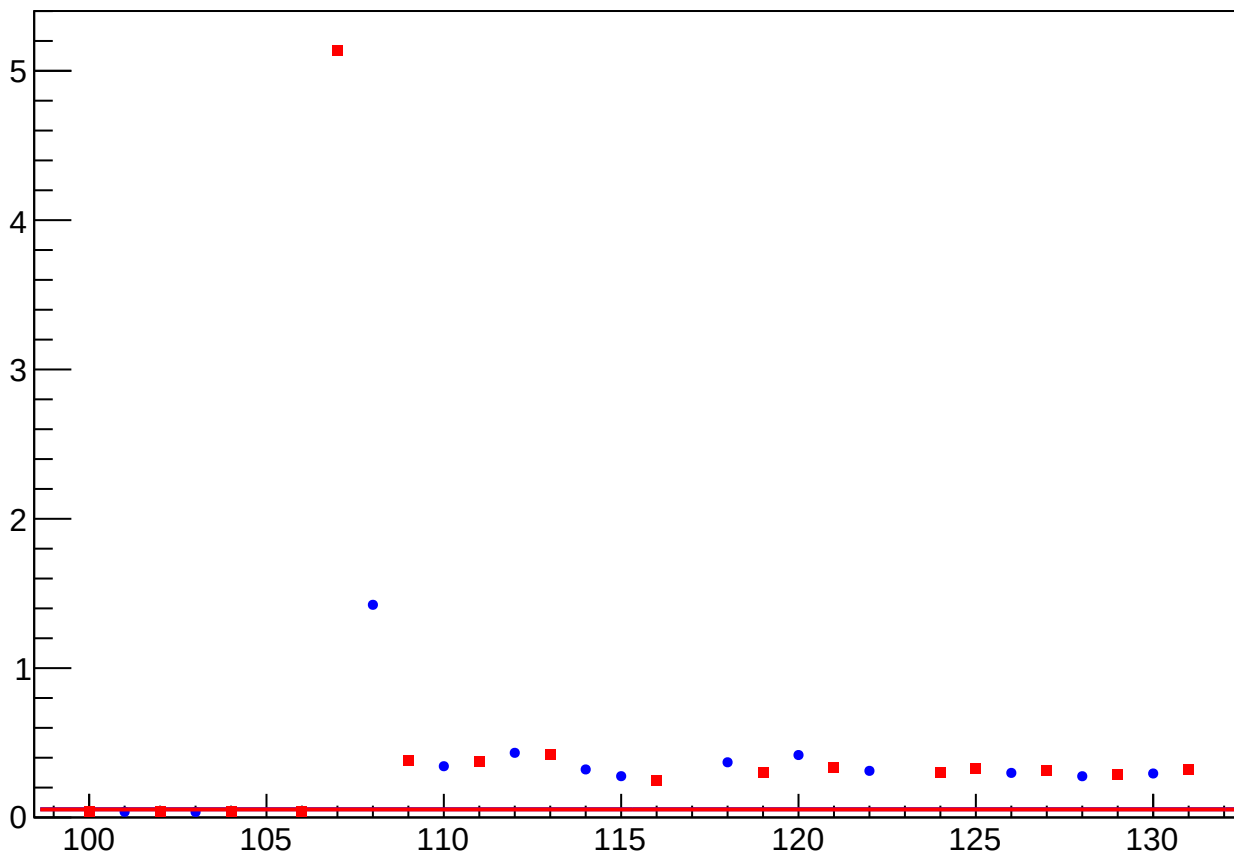
All: 1881.177+/-0.000 χ^2/NDF : 23095131343

Right Out: 1884.473+/-0.000 χ^2/NDF : 121428847540063.8/15

- 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: 0.055+/-0.000 χ^2/NDF : 5869885.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.054+/-0.000 χ^2/NDF : 6100130.2/15

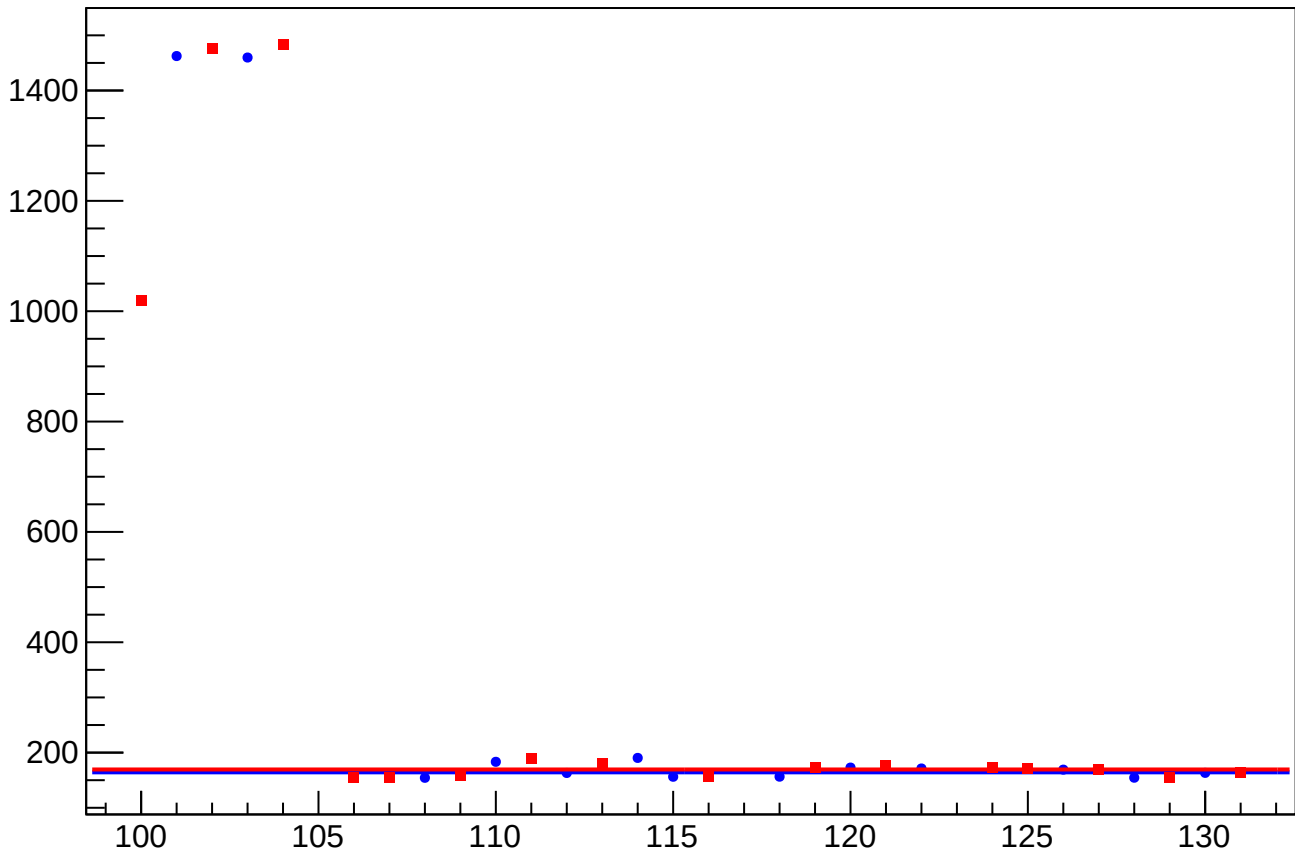
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.054+/-0.000 χ^2/NDF : 11971277.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm0l02_mean vs Slug



Right In: 164.241+/-0.000 χ^2/NDF : 14456788793.8/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

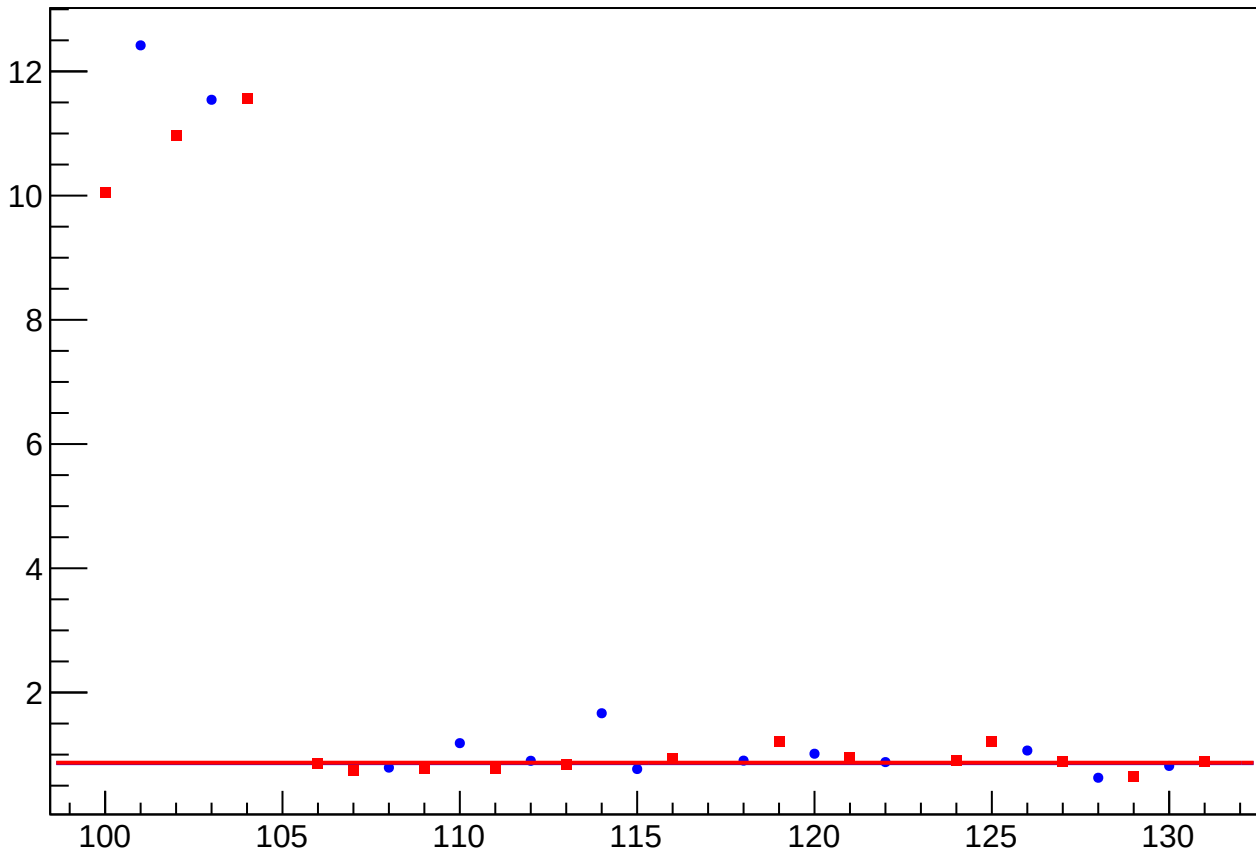
Right Out: 169.433+/-0.000 χ^2/NDF : 16191285275.9/15

All: 166.961+/-0.000 χ^2/NDF : 30705424172.

- 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: 0.863+/-0.000 χ^2/NDF : 2294925.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.869+/-0.000 χ^2/NDF : 2180565.5/15

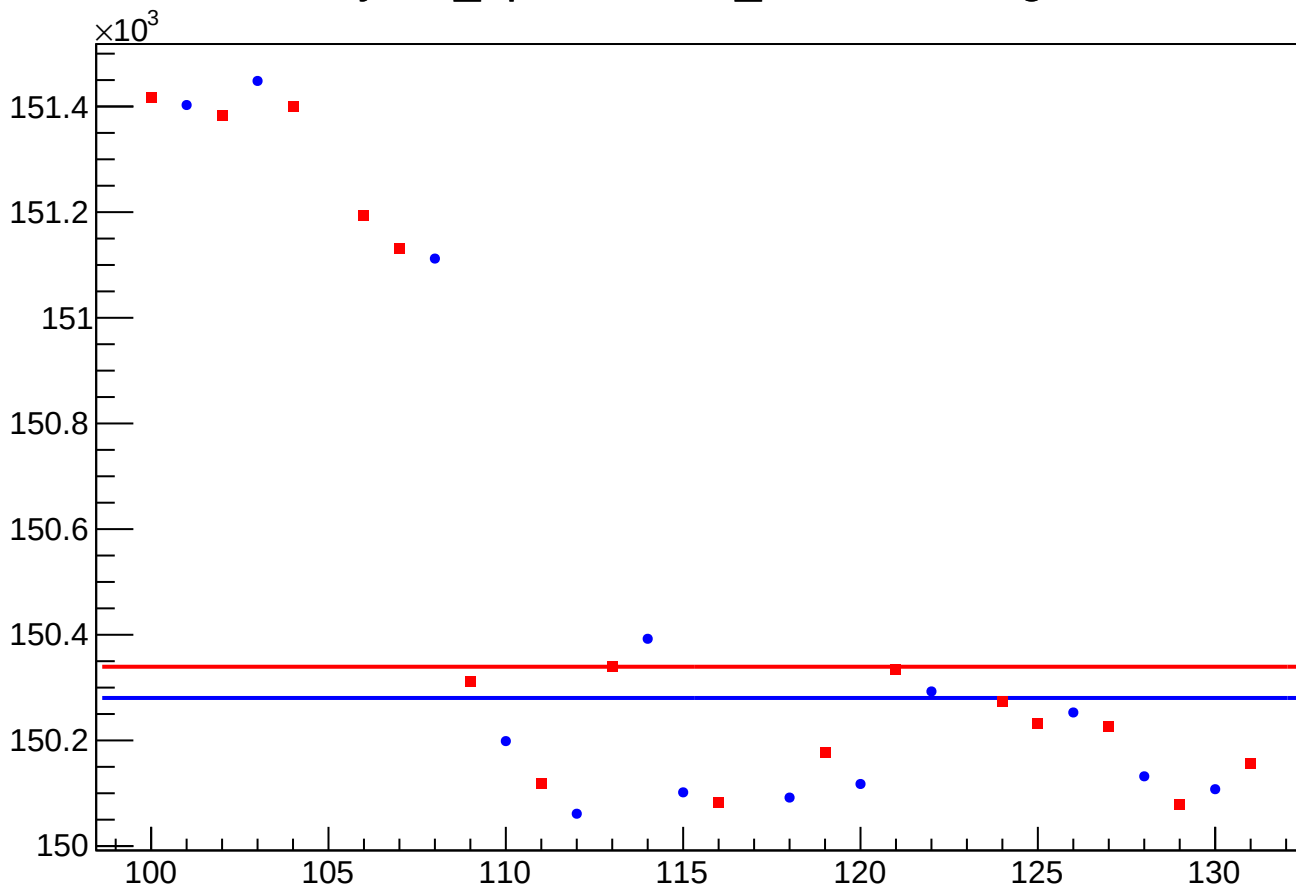
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.866+/-0.000 χ^2/NDF : 4475671.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01WS_mean vs Slug



Right In: 150280.378 $\pm$ 0.061 χ^2 /NDF: 34381951.1/12

+ 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

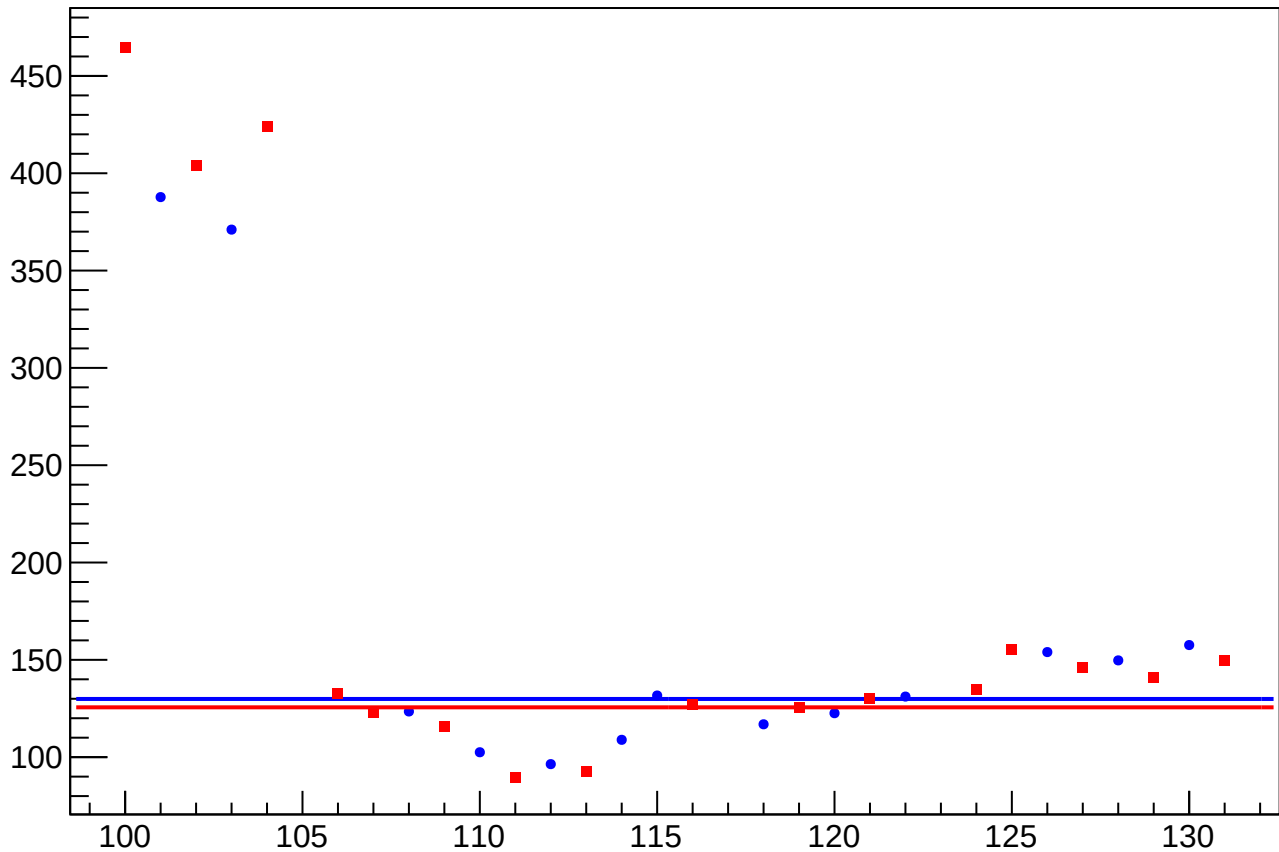
Right Out: 150339.499 $\pm$ 0.054 χ^2 /NDF: 38067721.9/15

All: 150313.226 $\pm$ 0.040 χ^2 /NDF: 72978219.

- 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: 129.901 $\pm$ 0.043 χ^2 /NDF: 1306228.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.600 $\pm$ 0.038 χ^2 /NDF: 1535220.6/15

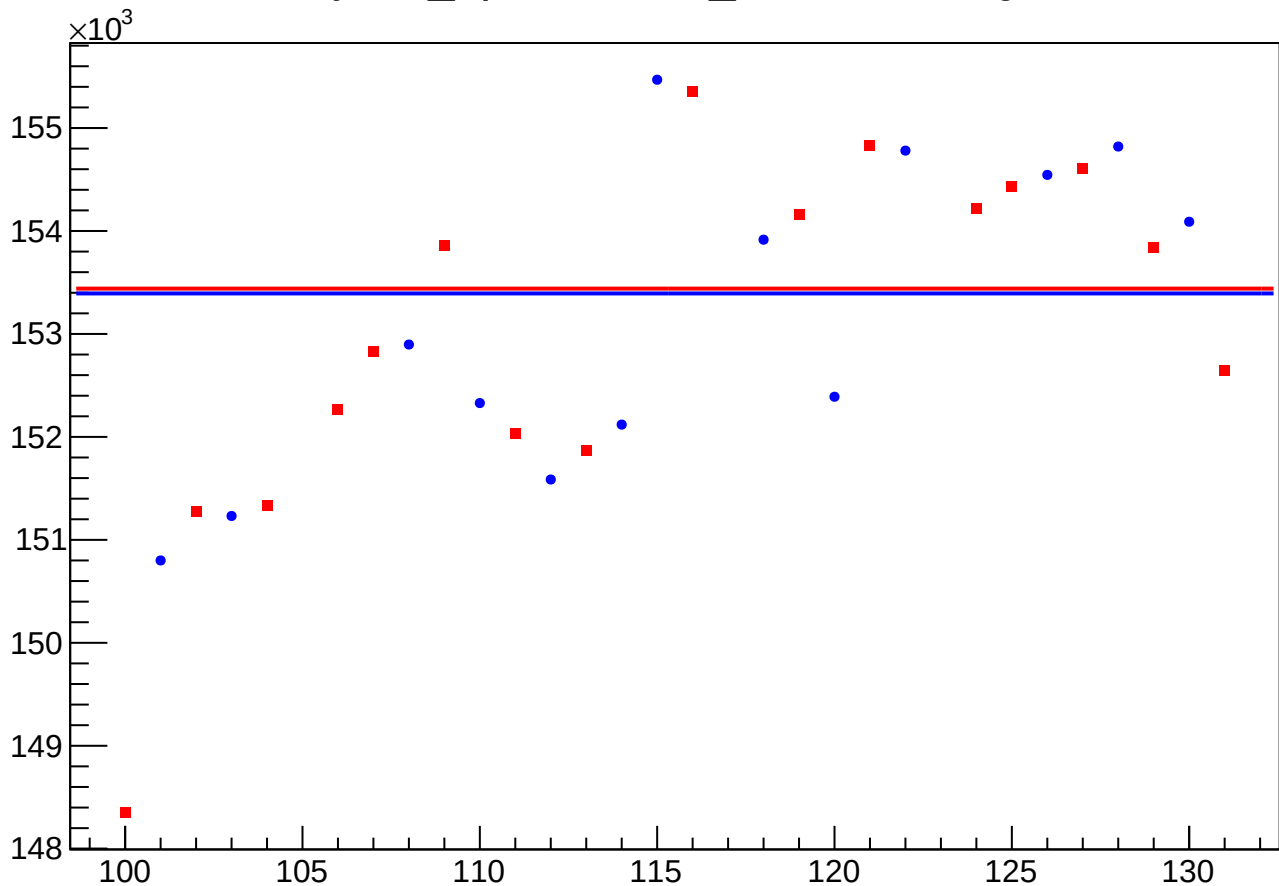
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 127.511 $\pm$ 0.029 χ^2 /NDF: 2847043.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i07WS_mean vs Slug



Right In: 153393.502 $\pm$ 0.085 χ^2 /NDF: 233961609.7/12

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

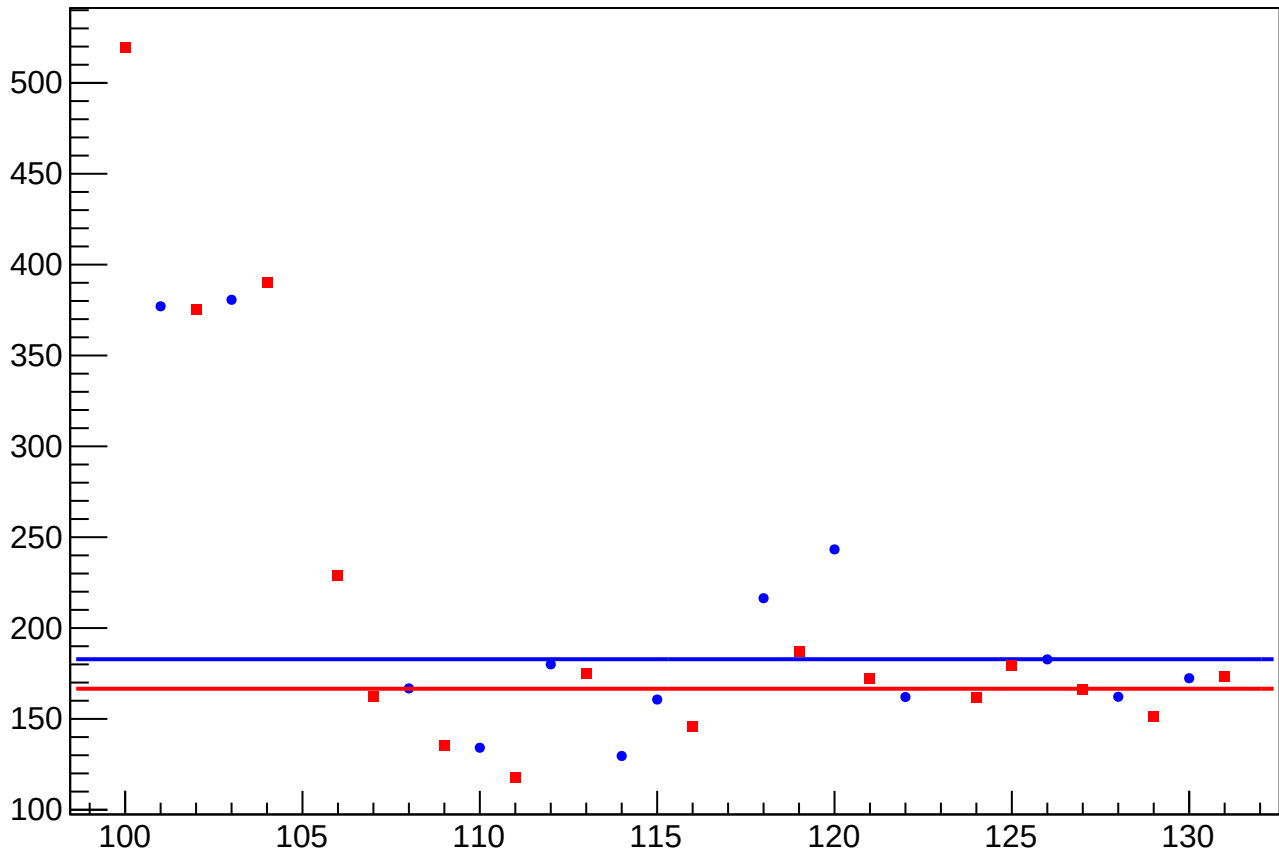
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 153440.401 $\pm$ 0.072 χ^2 /NDF: 265204862.5/15 All: 153420.842 $\pm$ 0.055 χ^2 /NDF: 499342037

- 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: 182.848 $\pm$ 0.060 χ^2 /NDF: 896827.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 166.613 $\pm$ 0.051 χ^2 /NDF: 1075753.1/15

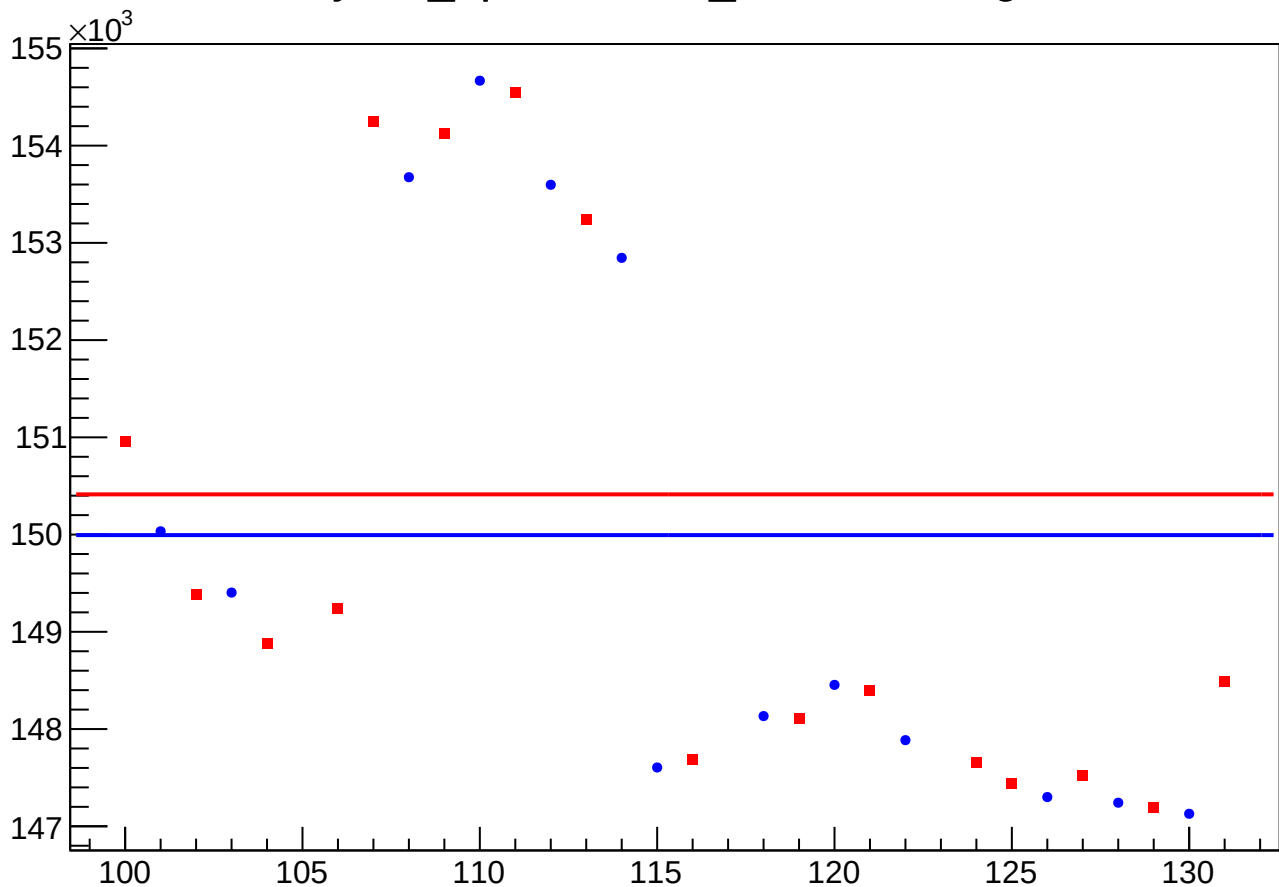
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 173.383 $\pm$ 0.039 χ^2 /NDF: 2014657.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i01WS_mean vs Slug



Right In: 149994.571 $\pm$ 0.070 χ^2 /NDF: 1781707087.7/12

+ 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

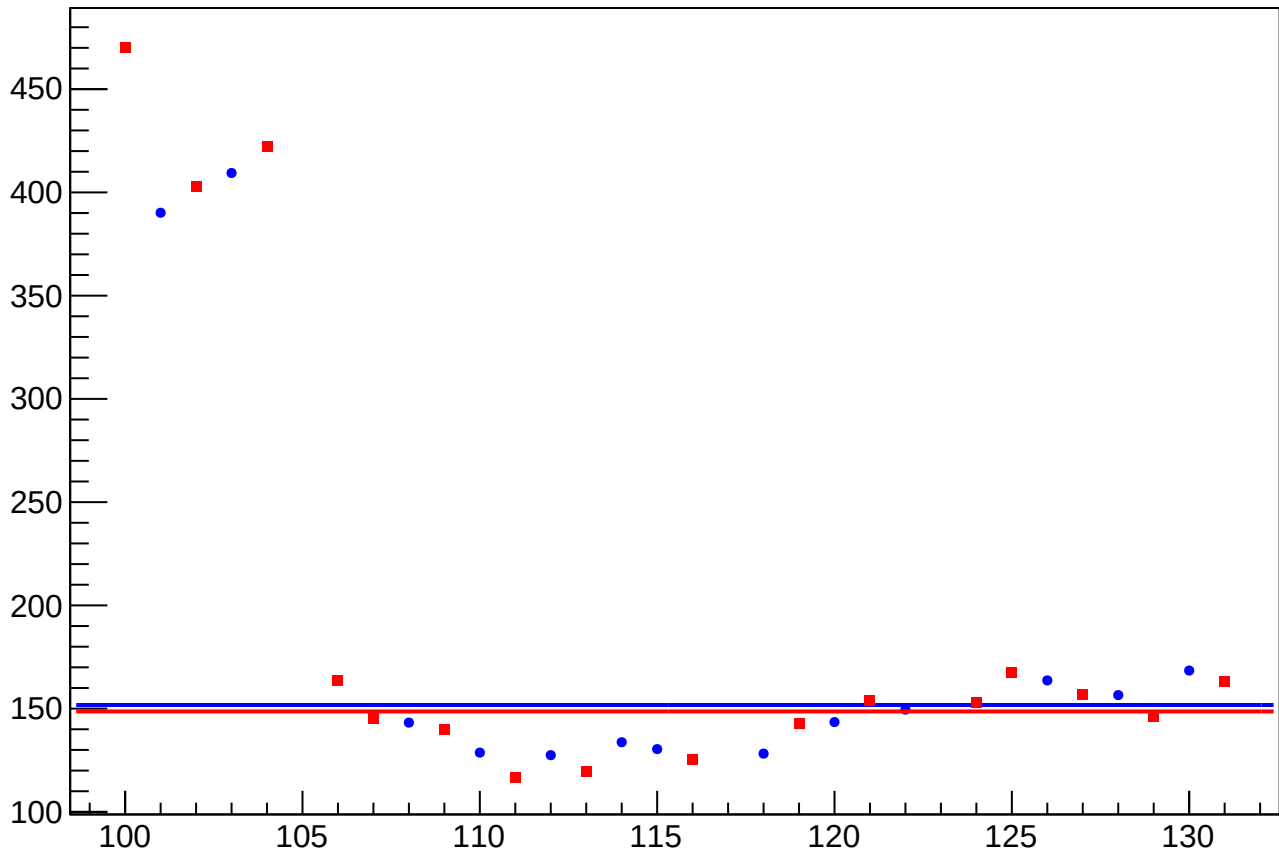
All: 150222.717 $\pm$ 0.047 χ^2 /NDF: 401808999

Right Out: 150413.515 $\pm$ 0.064 χ^2 /NDF: 2216736874.5/15

- 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: 151.761 $\pm$ 0.049 χ^2 /NDF: 1087468.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 148.638 $\pm$ 0.045 χ^2 /NDF: 1179449.0/15

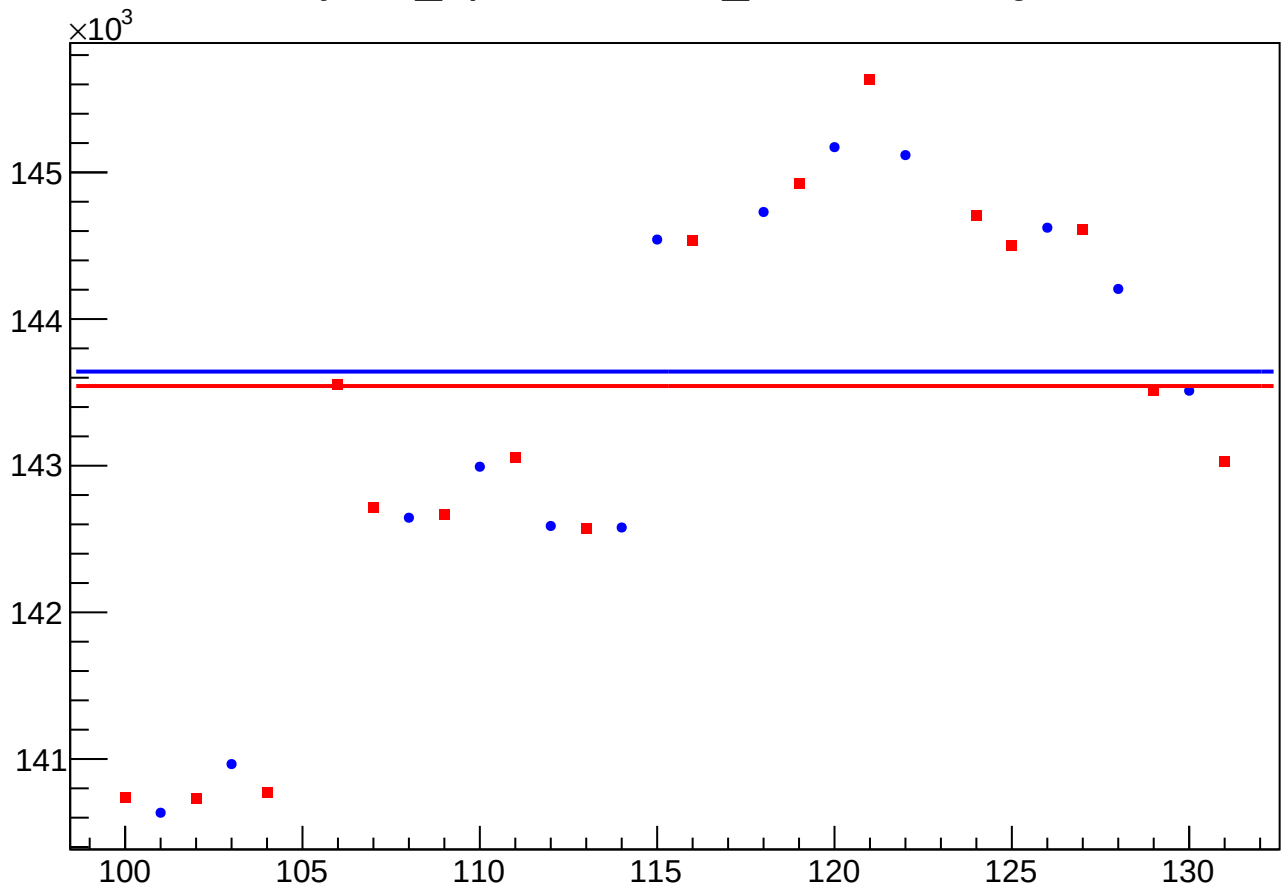
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 150.061 $\pm$ 0.033 χ^2 /NDF: 2269101.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i01aWS_mean vs Slug



Right In: 143641.834 $\pm$ 0.059 χ^2 /NDF: 364247759.6/12

+ 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

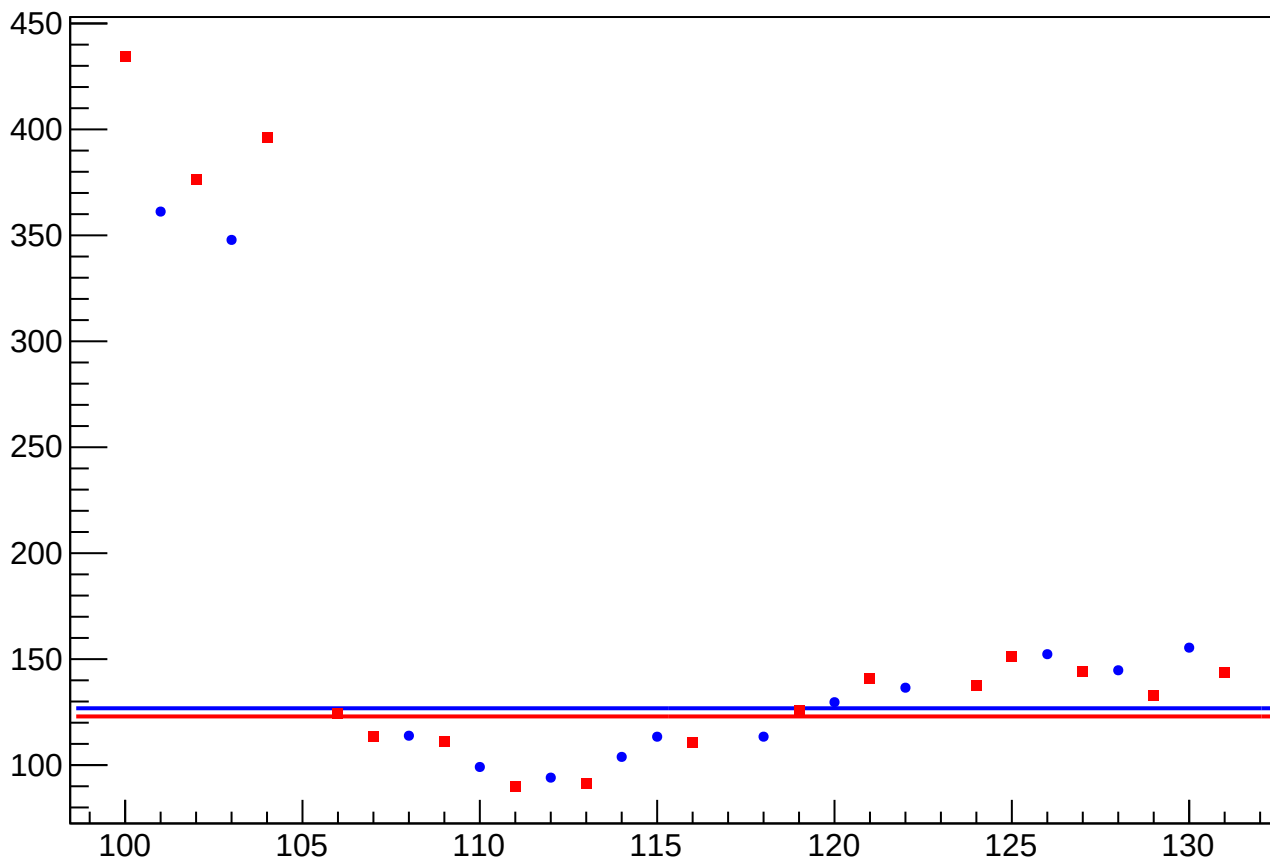
Right Out: 143543.230 $\pm$ 0.053 χ^2 /NDF: 407437907.2/15

All: 143587.068 $\pm$ 0.039 χ^2 /NDF: 773228819

- 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: 126.812 $\pm$ 0.042 χ^2 /NDF: 1286383.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 122.956 $\pm$ 0.037 χ^2 /NDF: 1476518.2/15

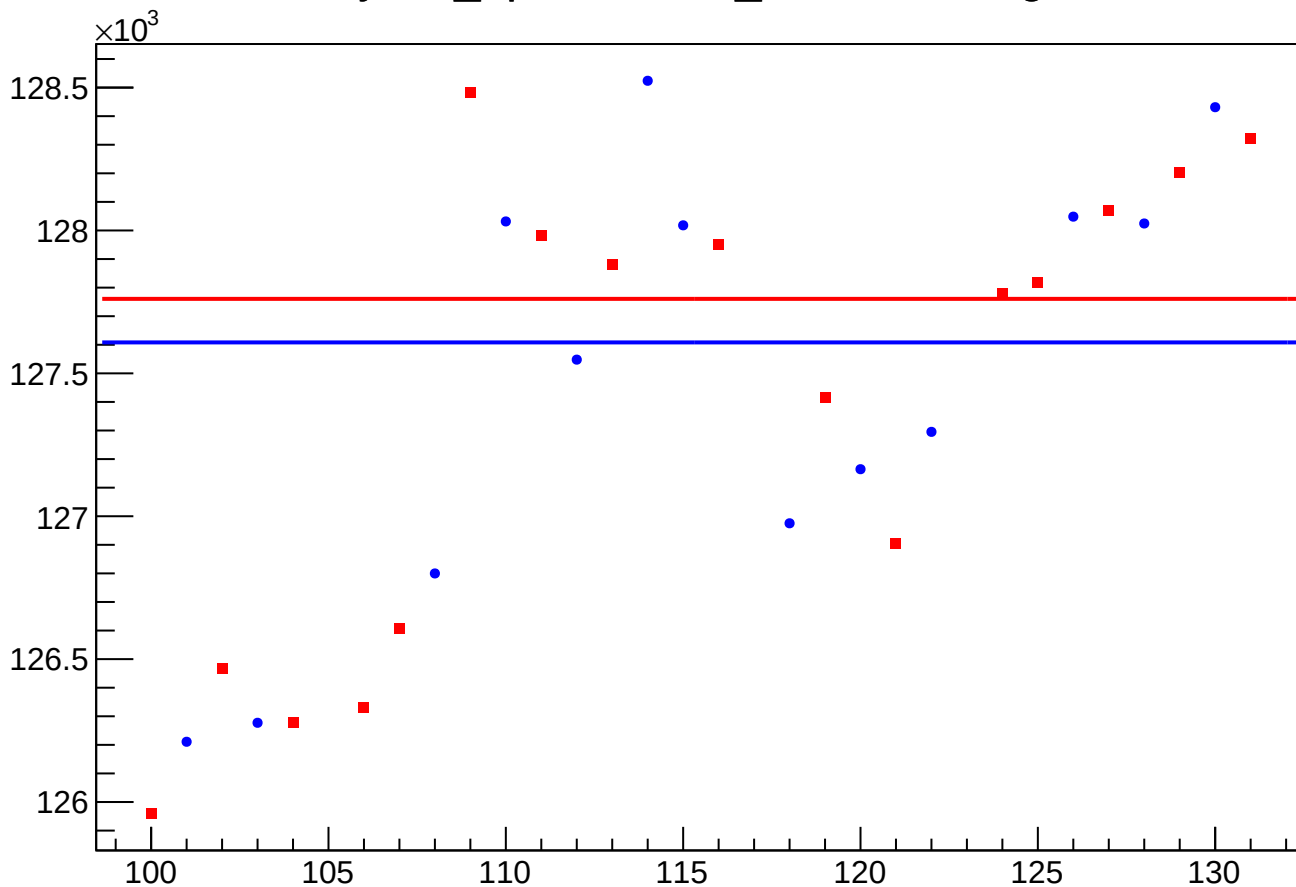
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 124.670 $\pm$ 0.028 χ^2 /NDF: 2767621.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l01WS_mean vs Slug



Right In: 127608.276 $\pm$ 0.067 χ^2 /NDF: 87525341.2/12

+ 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

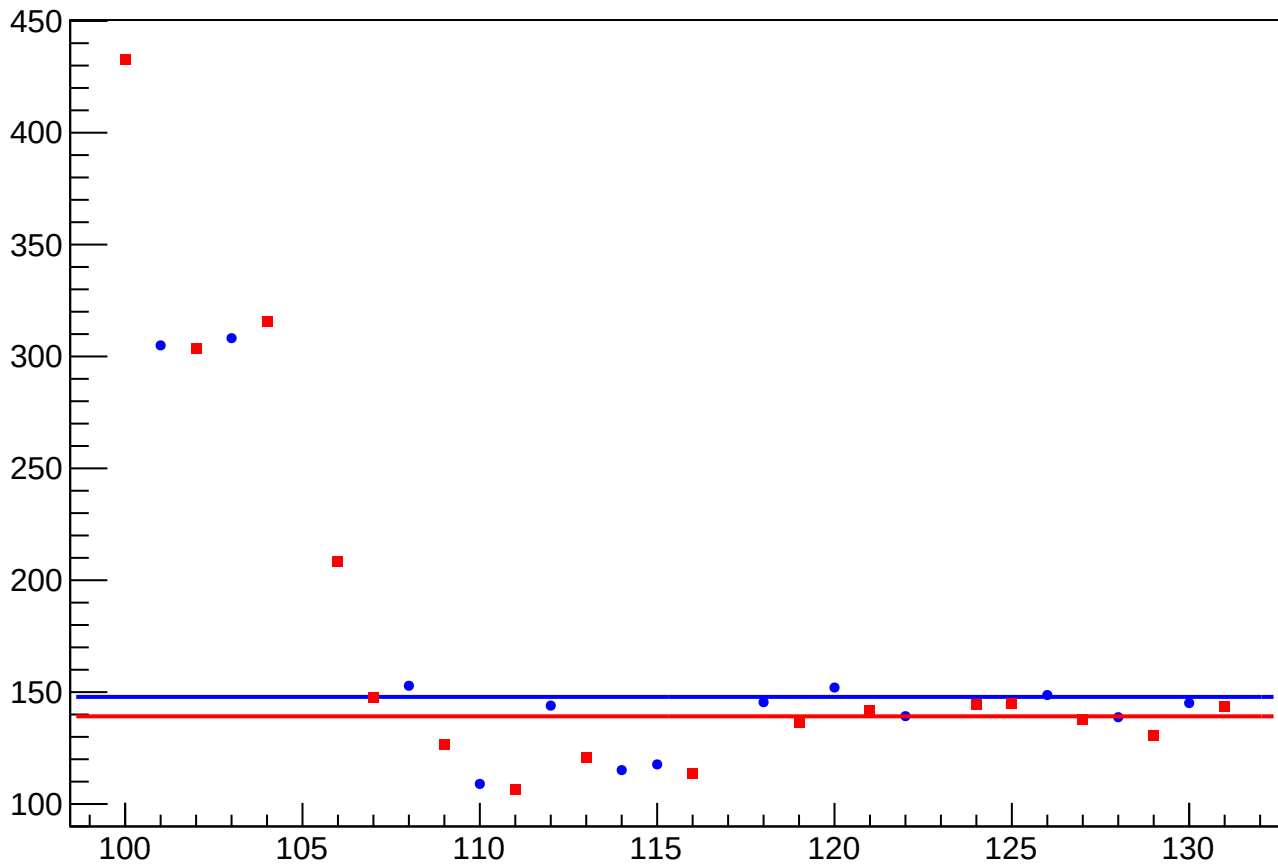
All: 127694.612 $\pm$ 0.044 χ^2 /NDF: 193780116

Right Out: 127760.666 $\pm$ 0.059 χ^2 /NDF: 103348128.2/15

- 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: 147.872 $\pm$ 0.048 χ^2 /NDF: 808386.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 139.182 $\pm$ 0.042 χ^2 /NDF: 974860.0/15

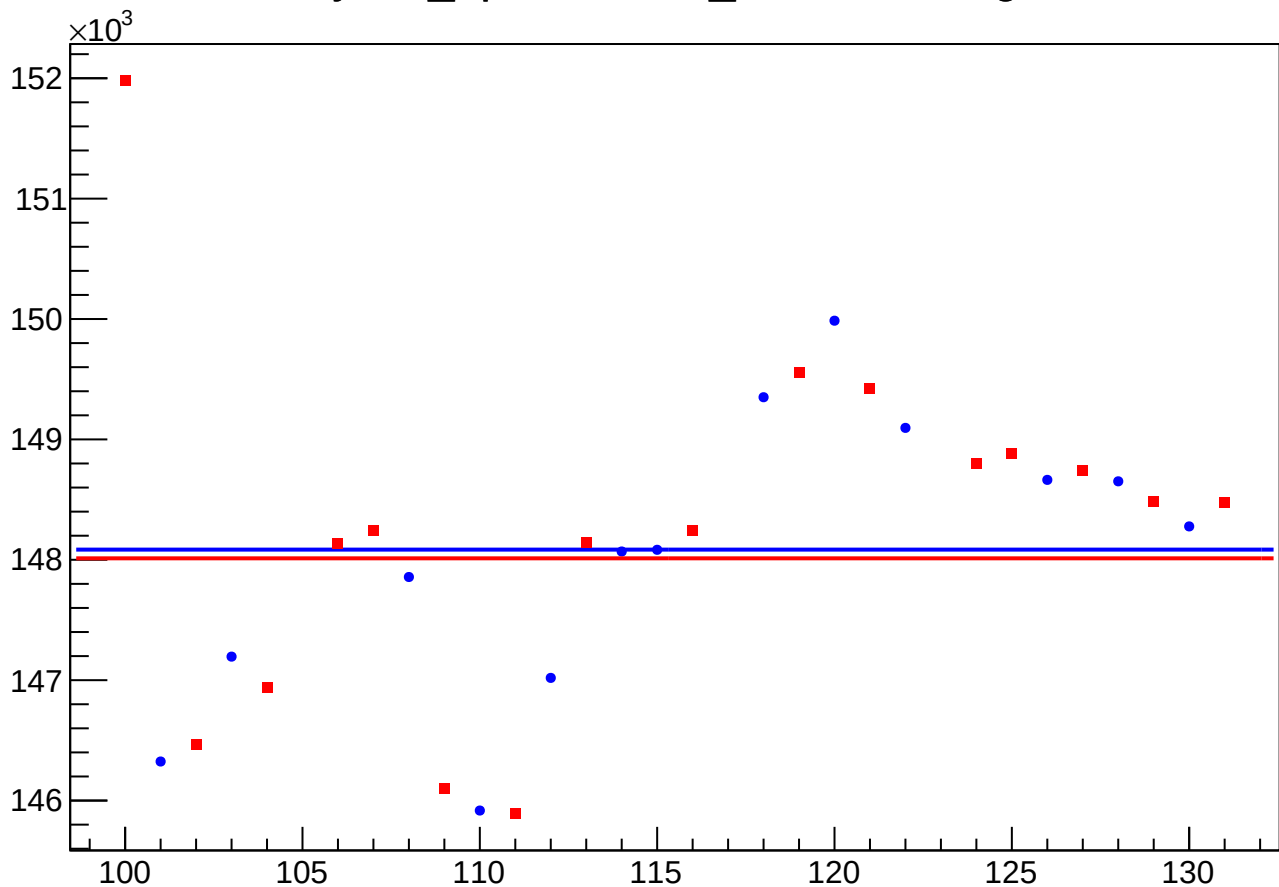
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 142.949 $\pm$ 0.031 χ^2 /NDF: 1802149.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l02WS_mean vs Slug



Right In: 148084.554 $\pm$ 0.098 χ^2 /NDF: 109901850.7/12

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

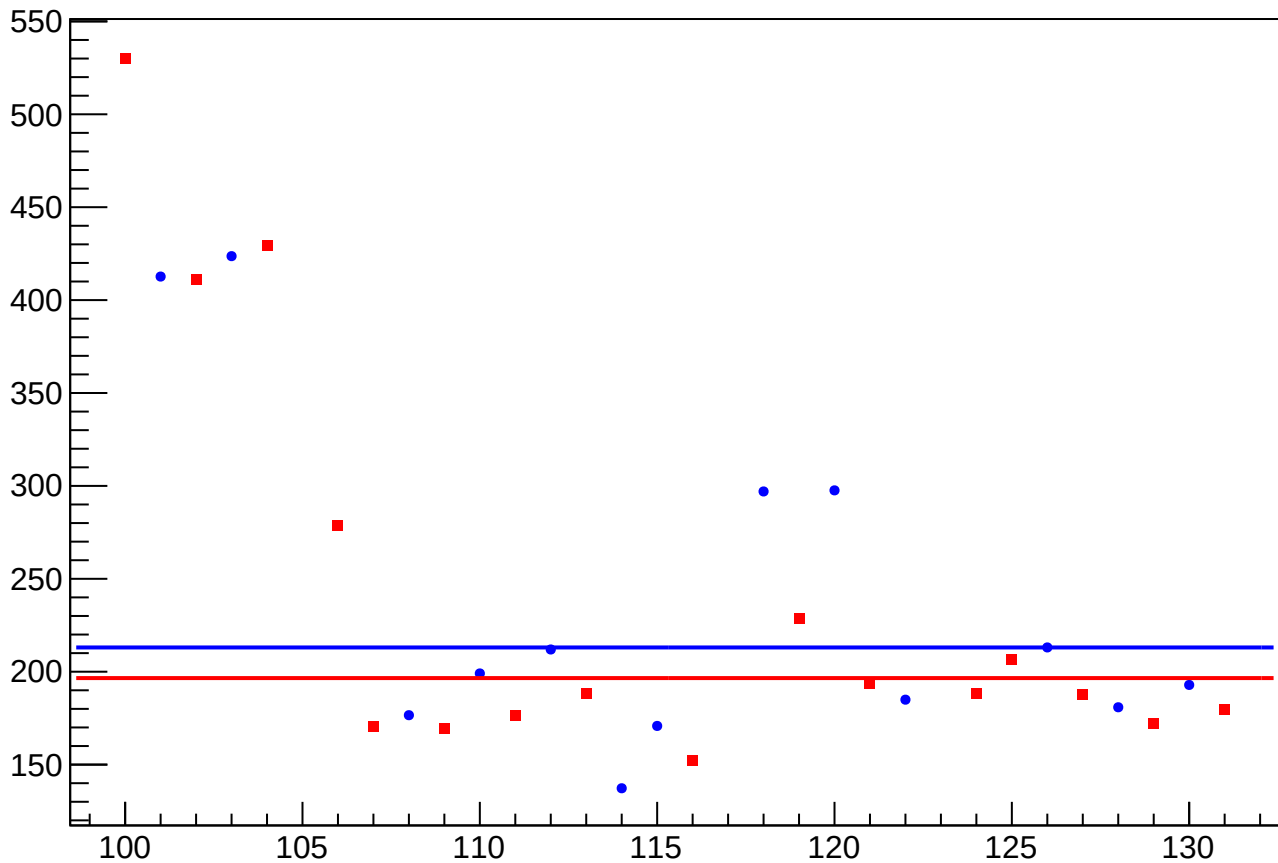
Right Out: 148012.109 $\pm$ 0.083 χ^2 /NDF: 213633949.5/15

All: 148042.611 $\pm$ 0.063 χ^2 /NDF: 323855350

- 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: 213.053+/-0.069 χ^2/NDF : 917129.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 196.572+/-0.059 χ^2/NDF : 899058.1/15

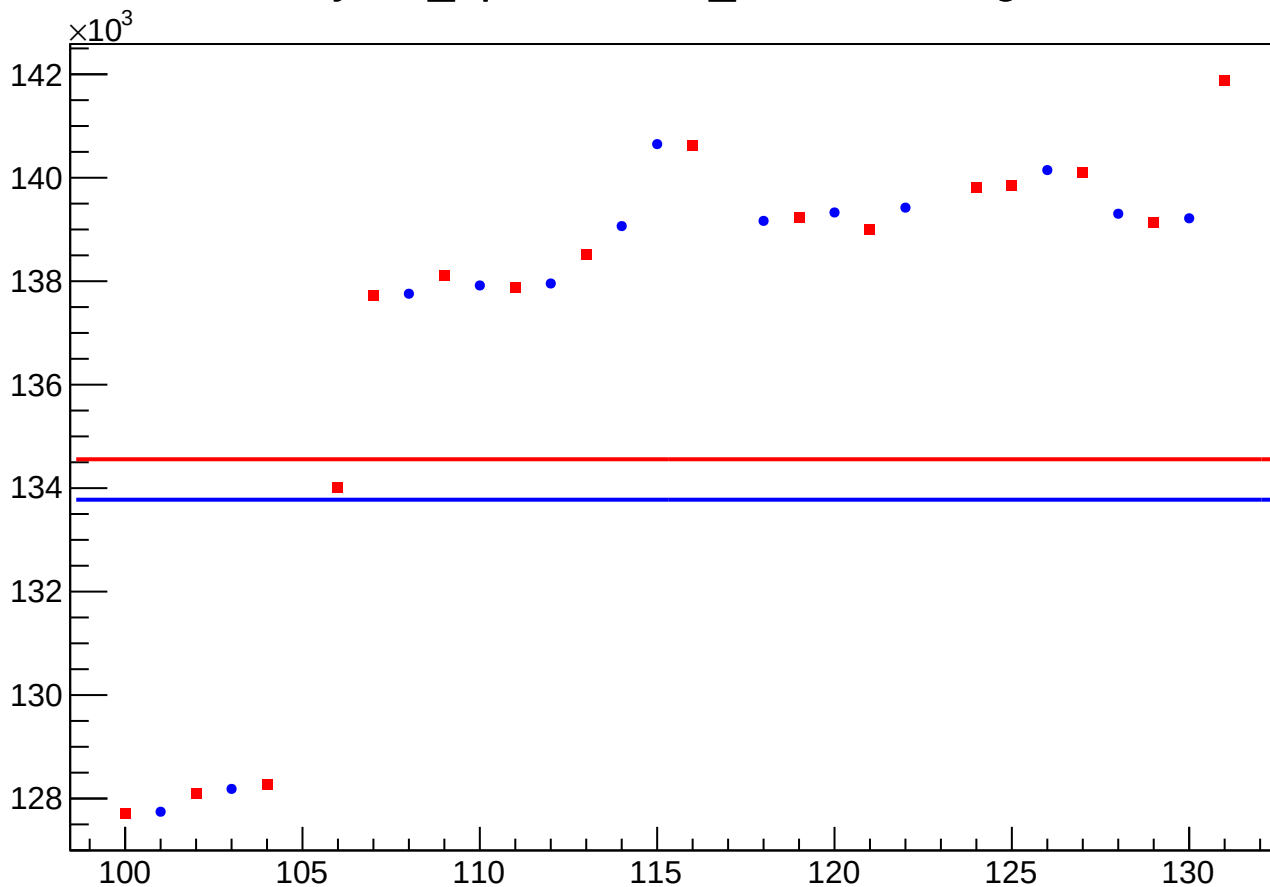
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.511+/-0.045 χ^2/NDF : 1849263.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l03WS_mean vs Slug



Right In: 133776.470 $\pm$ 0.194 χ^2 /NDF: 815233713.0/12

+ 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

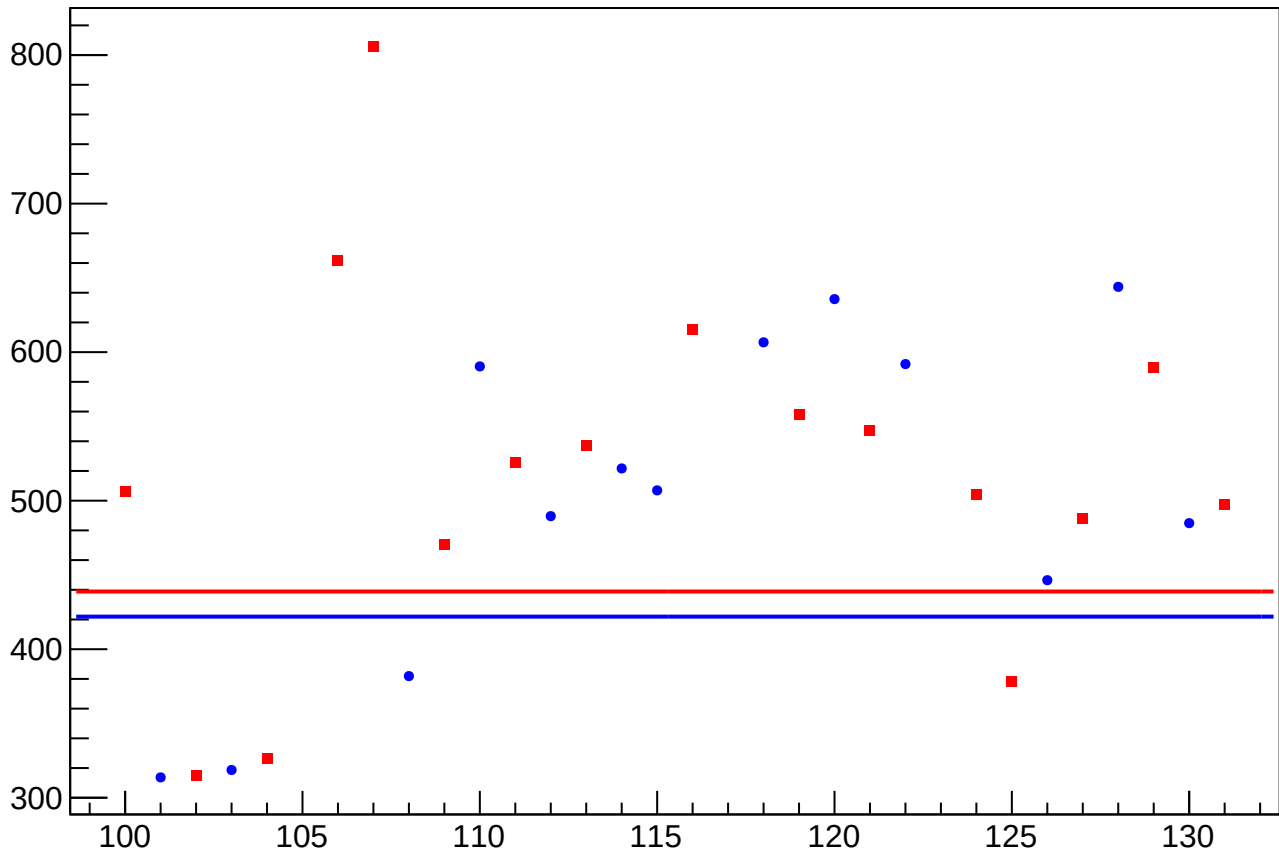
Right Out: 134558.041 $\pm$ 0.188 χ^2 /NDF: 845440569.1/15

All: 134178.504 $\pm$ 0.135 χ^2 /NDF: 166903620

- 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: 421.938+/-0.137 χ^2/NDF : 730426.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 438.846+/-0.133 χ^2/NDF : 747159.5/15

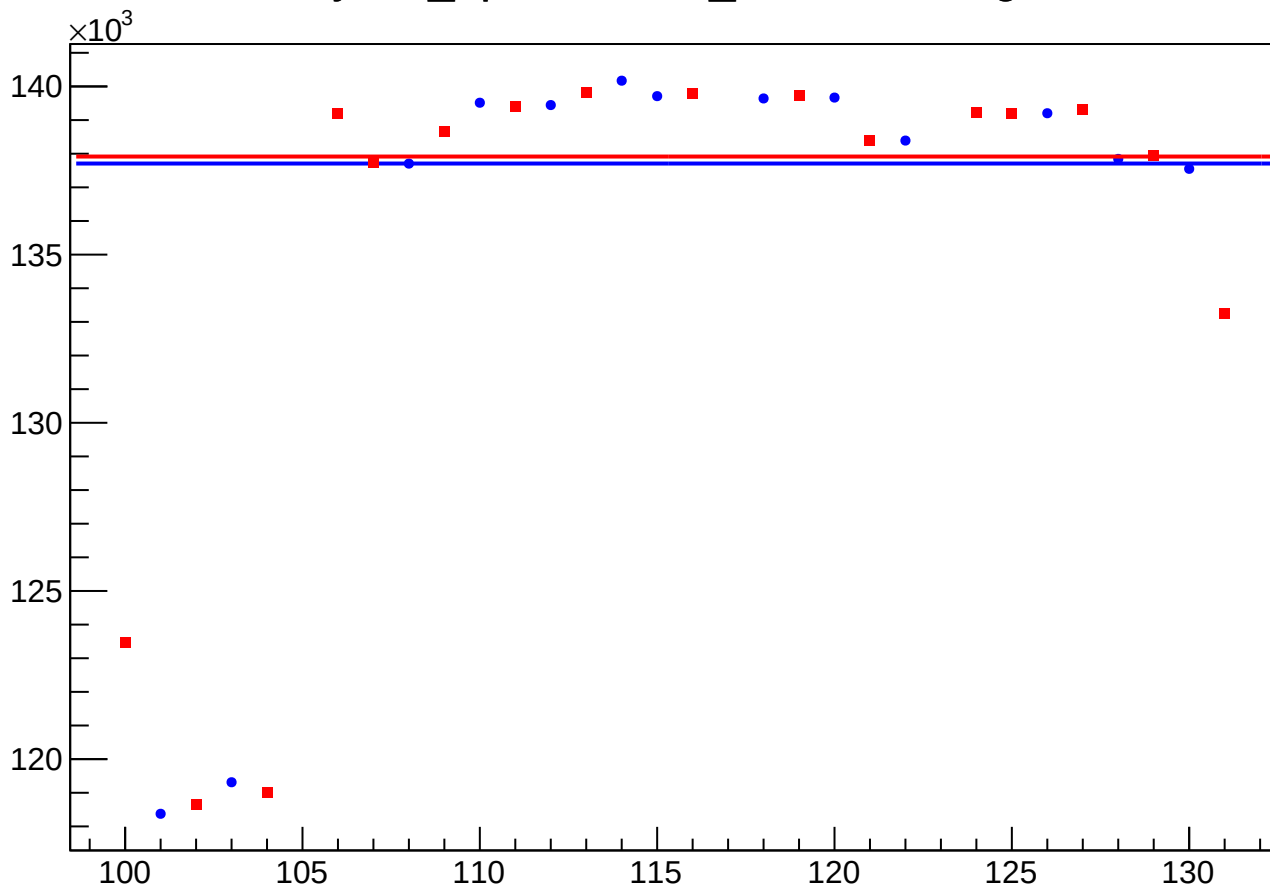
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 430.635+/-0.096 χ^2/NDF : 1485412.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04WS_mean vs Slug



Right In: 137708.202 $\pm$ 0.077 χ^2 /NDF: 4422778949.9/12

+ 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

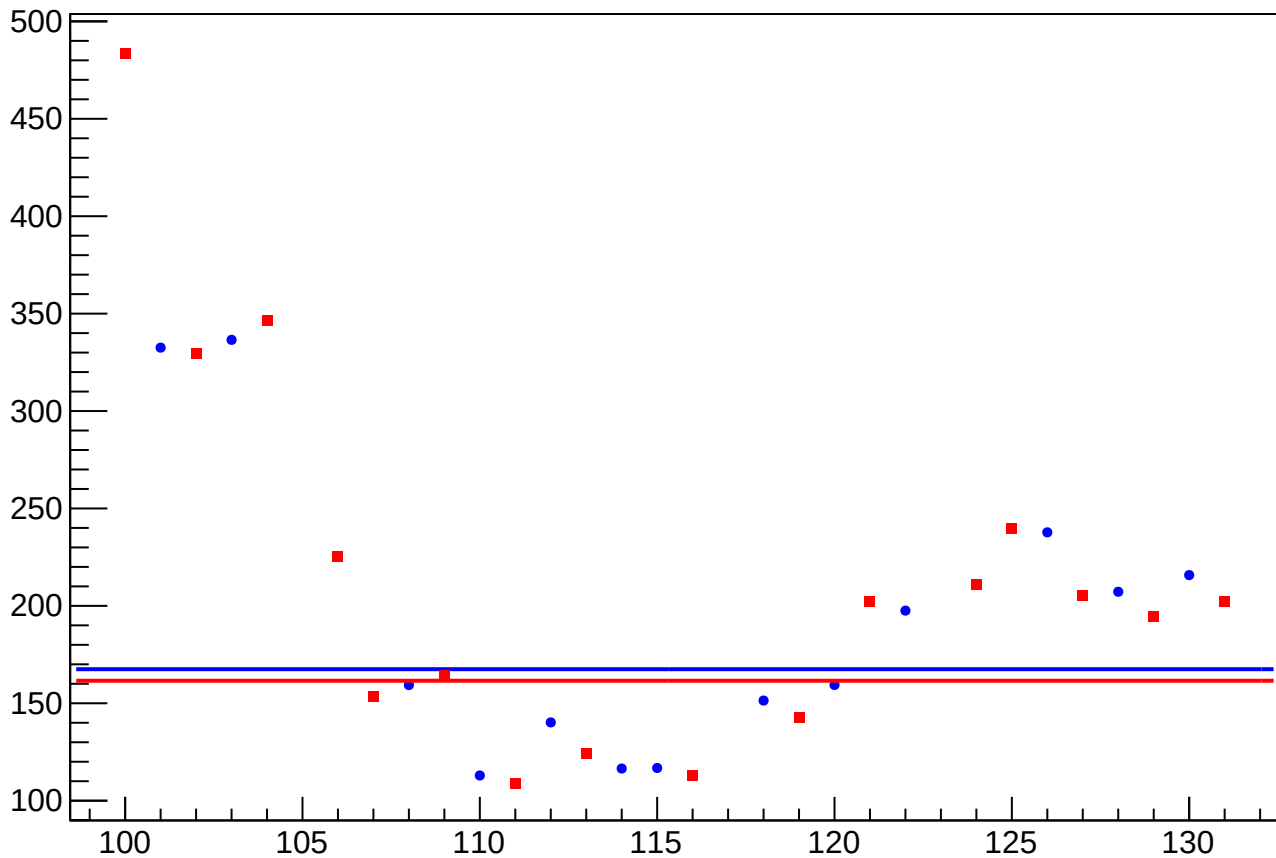
All: 137823.048 $\pm$ 0.052 χ^2 /NDF: 885435653

Right Out: 137916.100 $\pm$ 0.070 χ^2 /NDF: 4427597616.7/15

- 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: 167.492+/-0.055 χ^2/NDF : 1095158.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

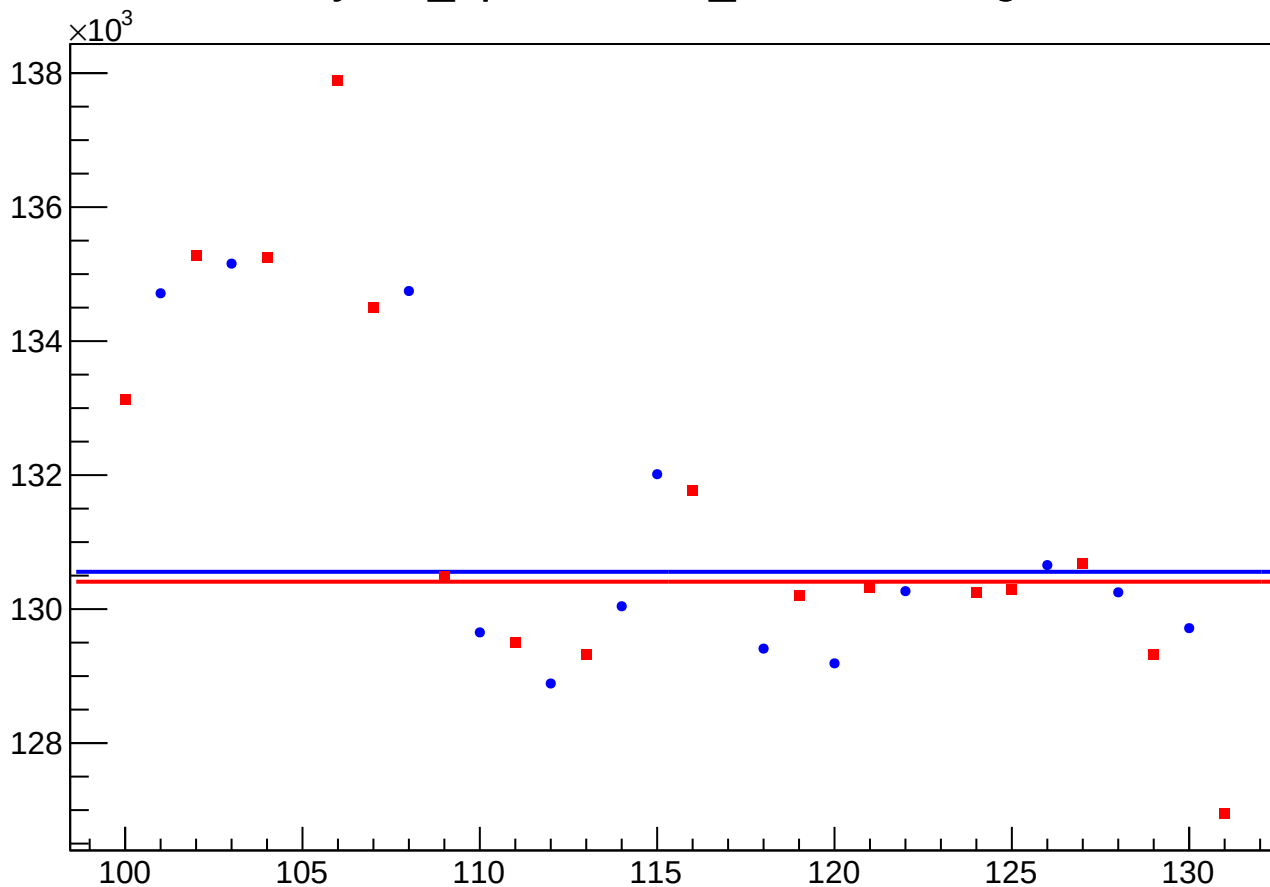
Right Out: 161.579+/-0.049 χ^2/NDF : 1346528.5/15

All: 164.226+/-0.037 χ^2/NDF : 2448127.5/28

- 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: 130556.930 $\pm$ 0.078 χ^2 /NDF: 547899641.7/12

+ 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

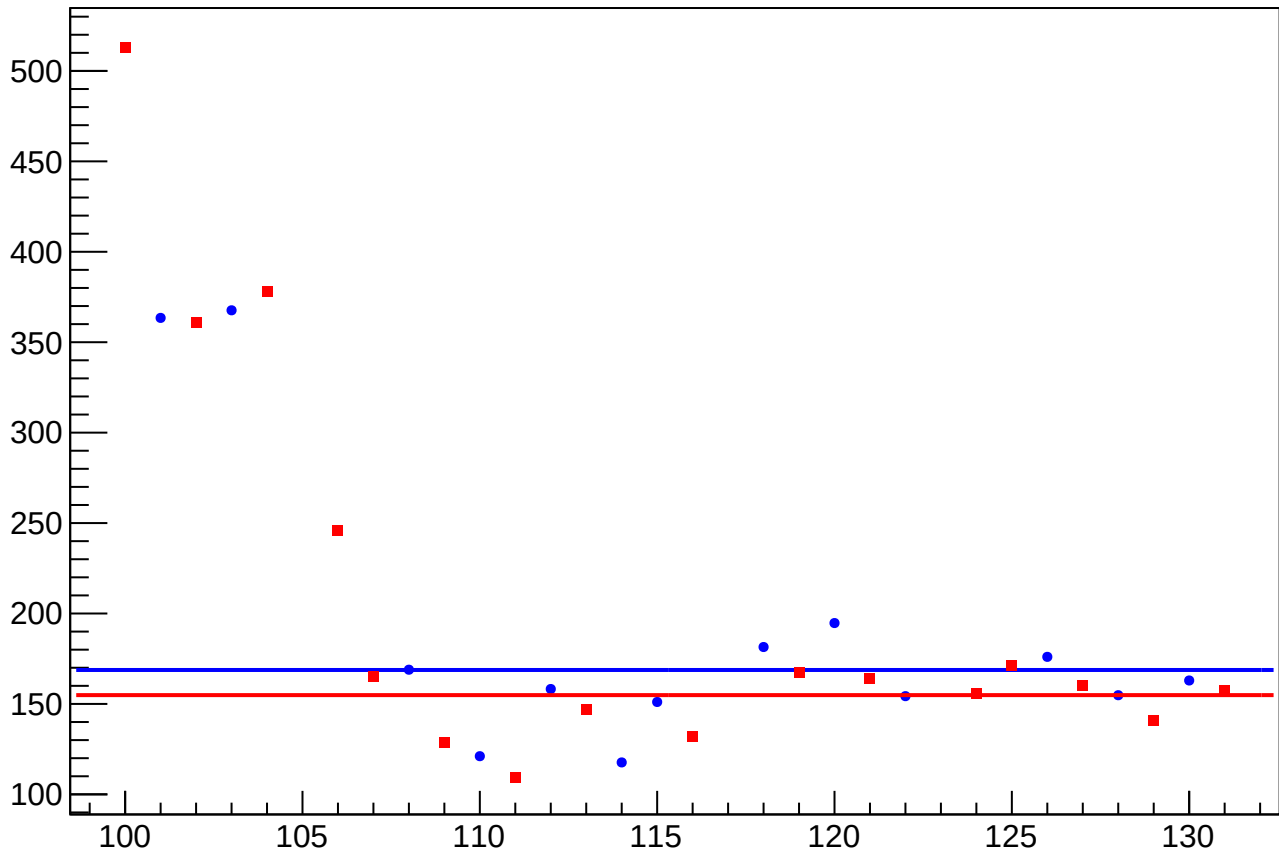
Right Out: 130408.972 $\pm$ 0.067 χ^2 /NDF: 893288577.9/15

All: 130471.436 $\pm$ 0.051 χ^2 /NDF: 144326527

- 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: 168.771 $\pm$ 0.055 χ^2 /NDF: 914508.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 154.871 $\pm$ 0.047 χ^2 /NDF: 1158292.8/15

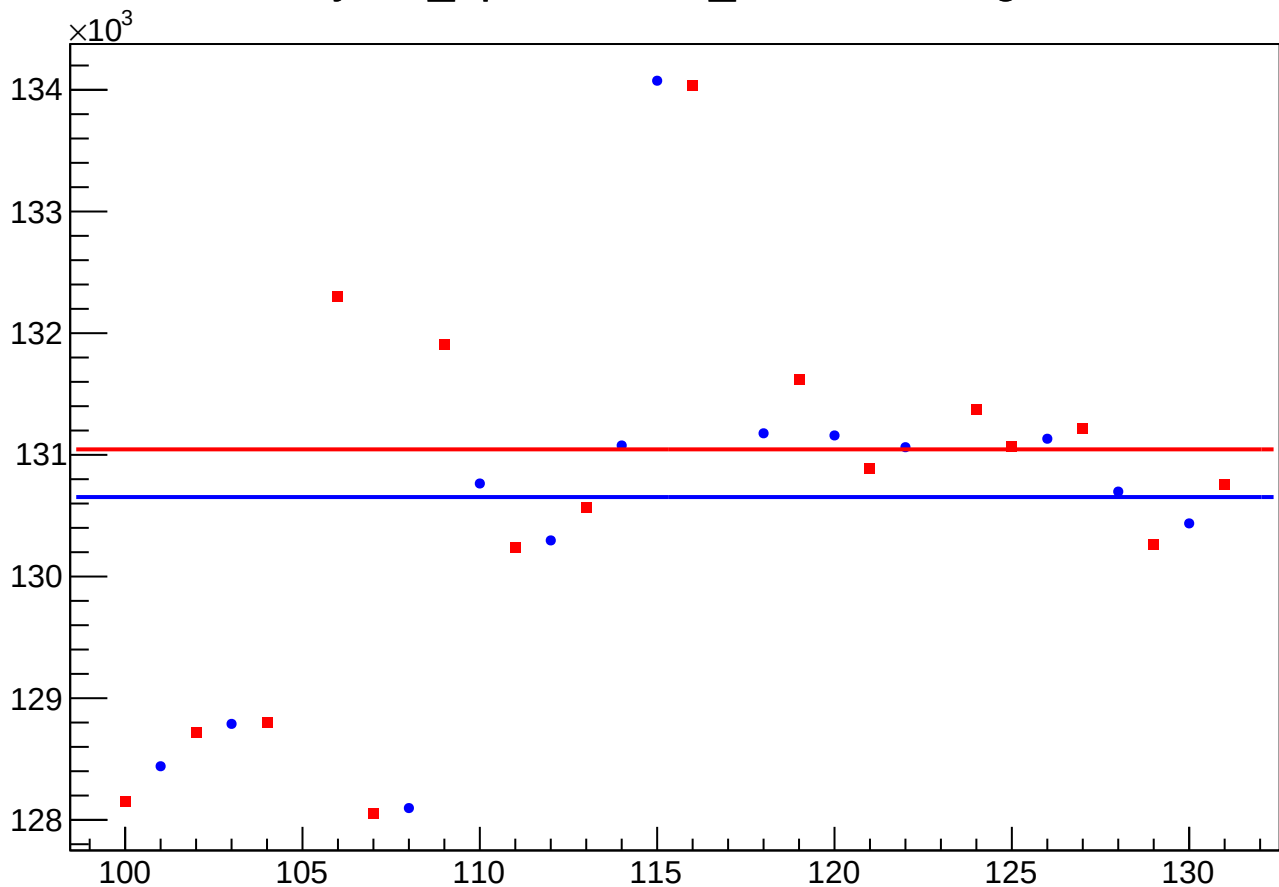
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 160.739 $\pm$ 0.036 χ^2 /NDF: 2109464.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l06WS_mean vs Slug



Right In: 130653.204 $\pm$ 0.068 χ^2 /NDF: 307899962.7/12

+ 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

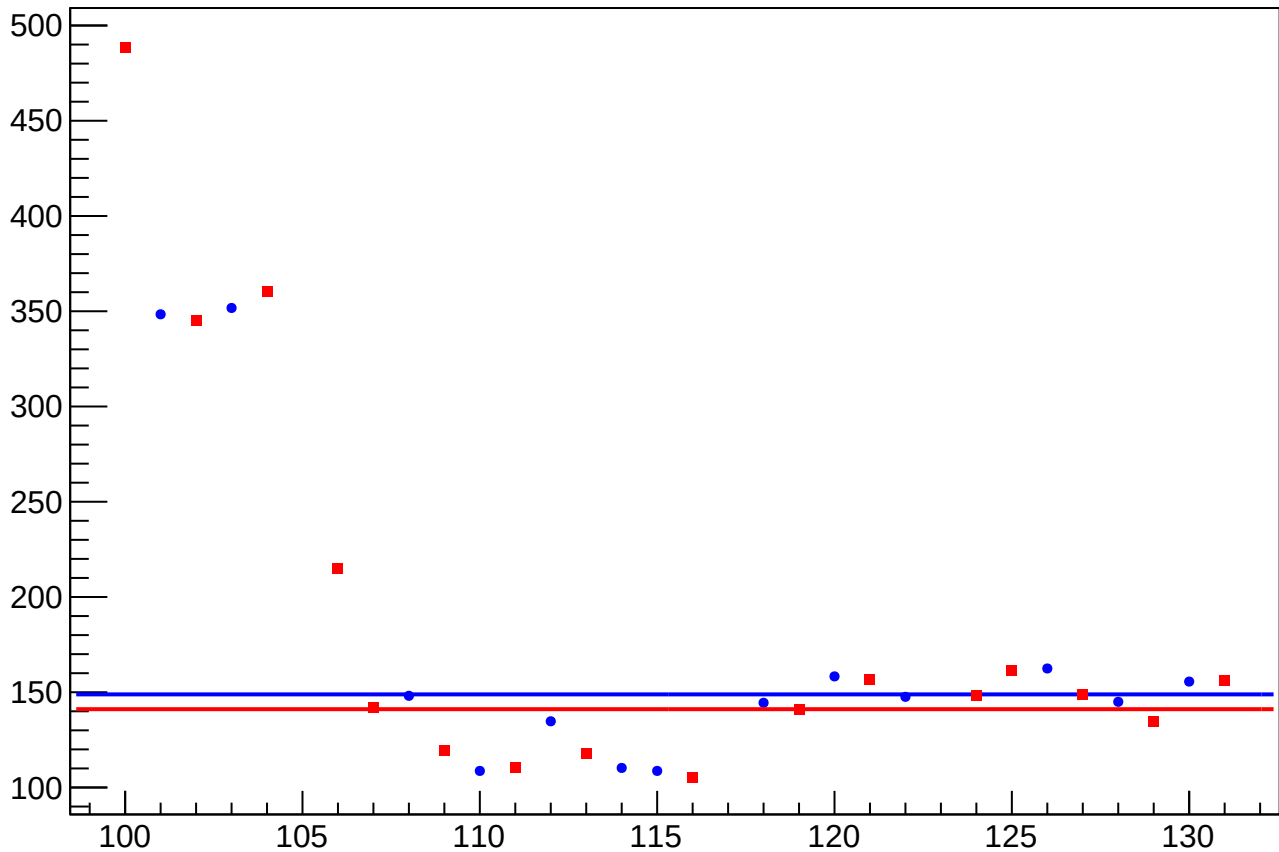
All: 130873.804 $\pm$ 0.045 χ^2 /NDF: 775770313

Right Out: 131045.137 $\pm$ 0.060 χ^2 /NDF: 449371419.9/15

- 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: 148.877+/-0.048 χ^2/NDF : 1010702.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.106+/-0.043 χ^2/NDF : 1195692.4/15

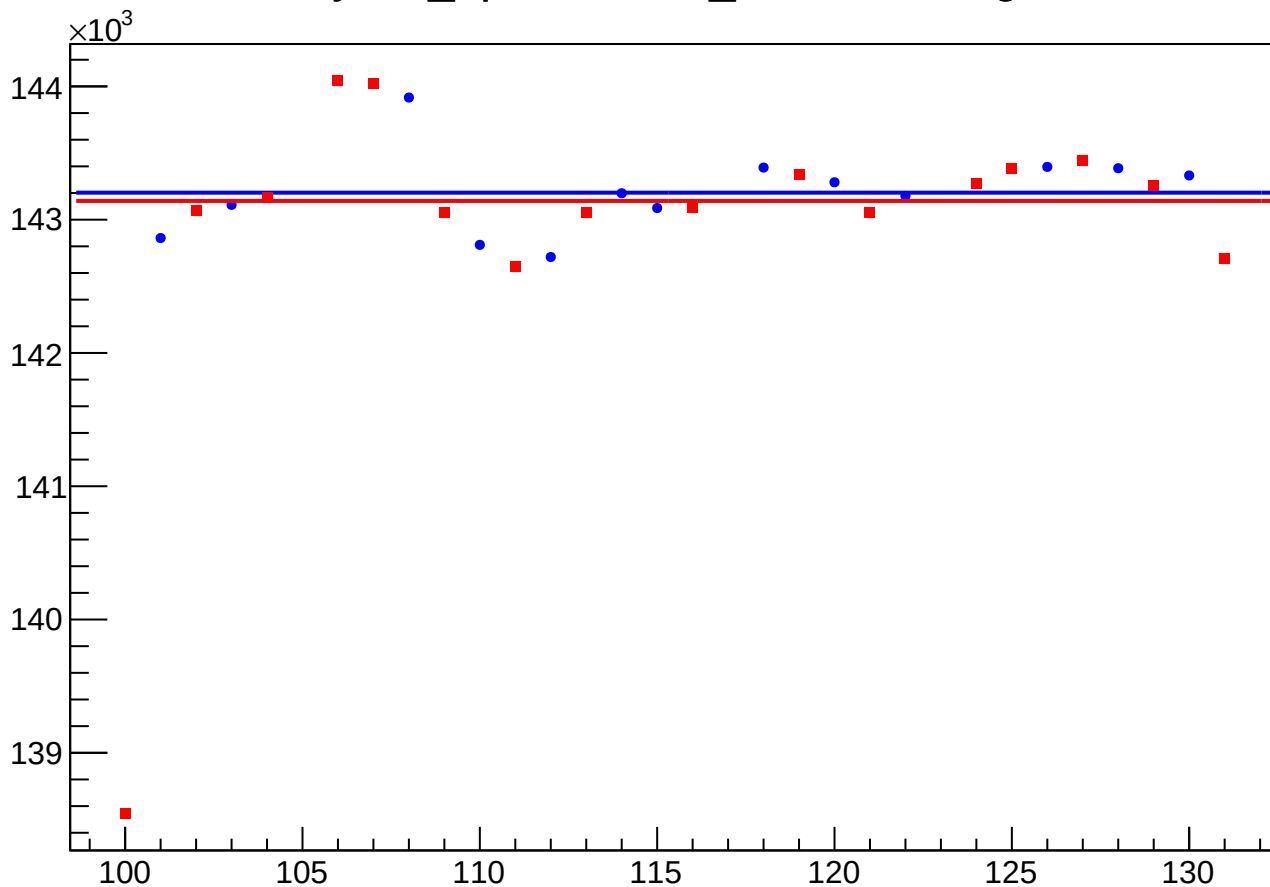
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.503+/-0.032 χ^2/NDF : 2220940.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l07WS_mean vs Slug



Right In: 143202.713 $\pm$ 0.074 χ^2 /NDF: 19251170.7/12

+ 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

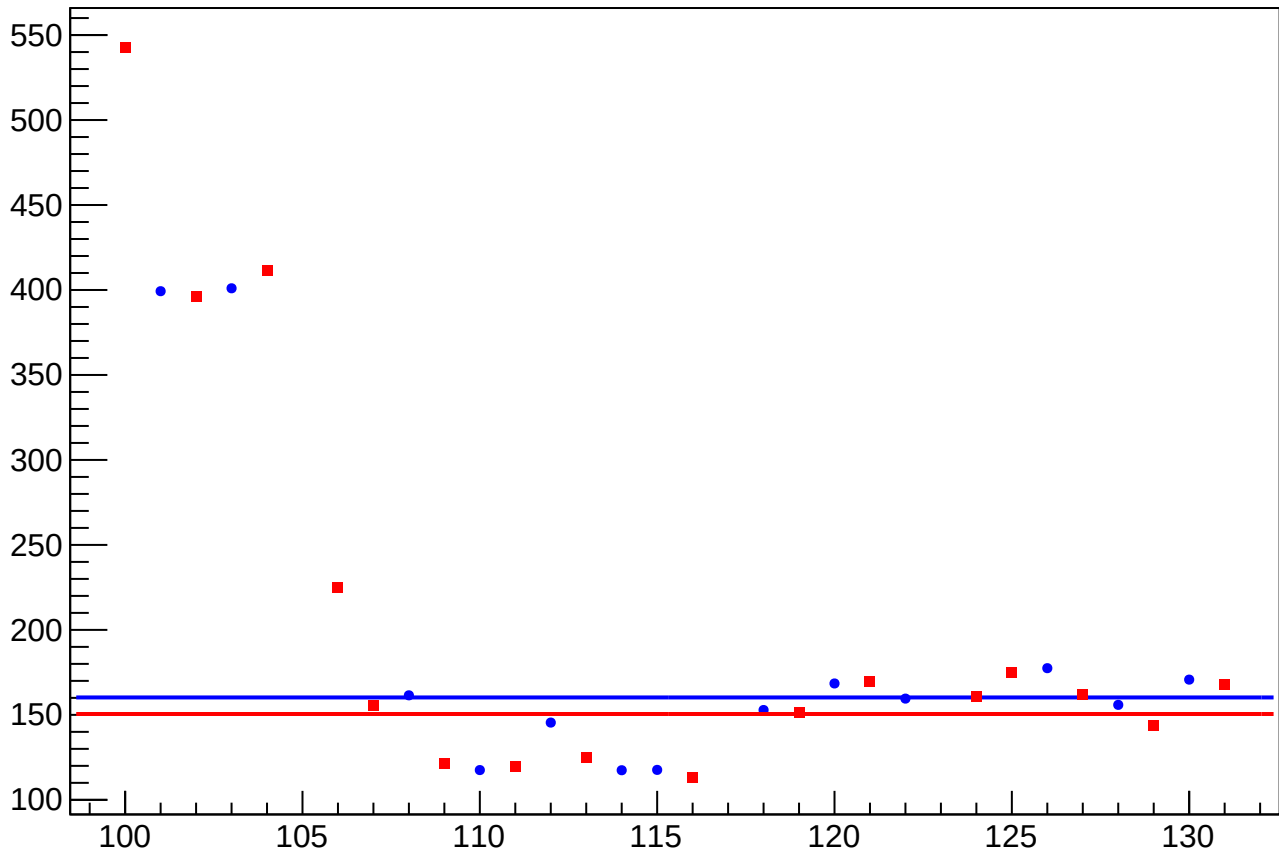
Right Out: 143140.569 $\pm$ 0.064 χ^2 /NDF: 31556723.6/15

All: 143167.495 $\pm$ 0.049 χ^2 /NDF: 51210443.

- 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: 160.250+/-0.052 χ^2/NDF : 1088085.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.511+/-0.046 χ^2/NDF : 1296635.2/15

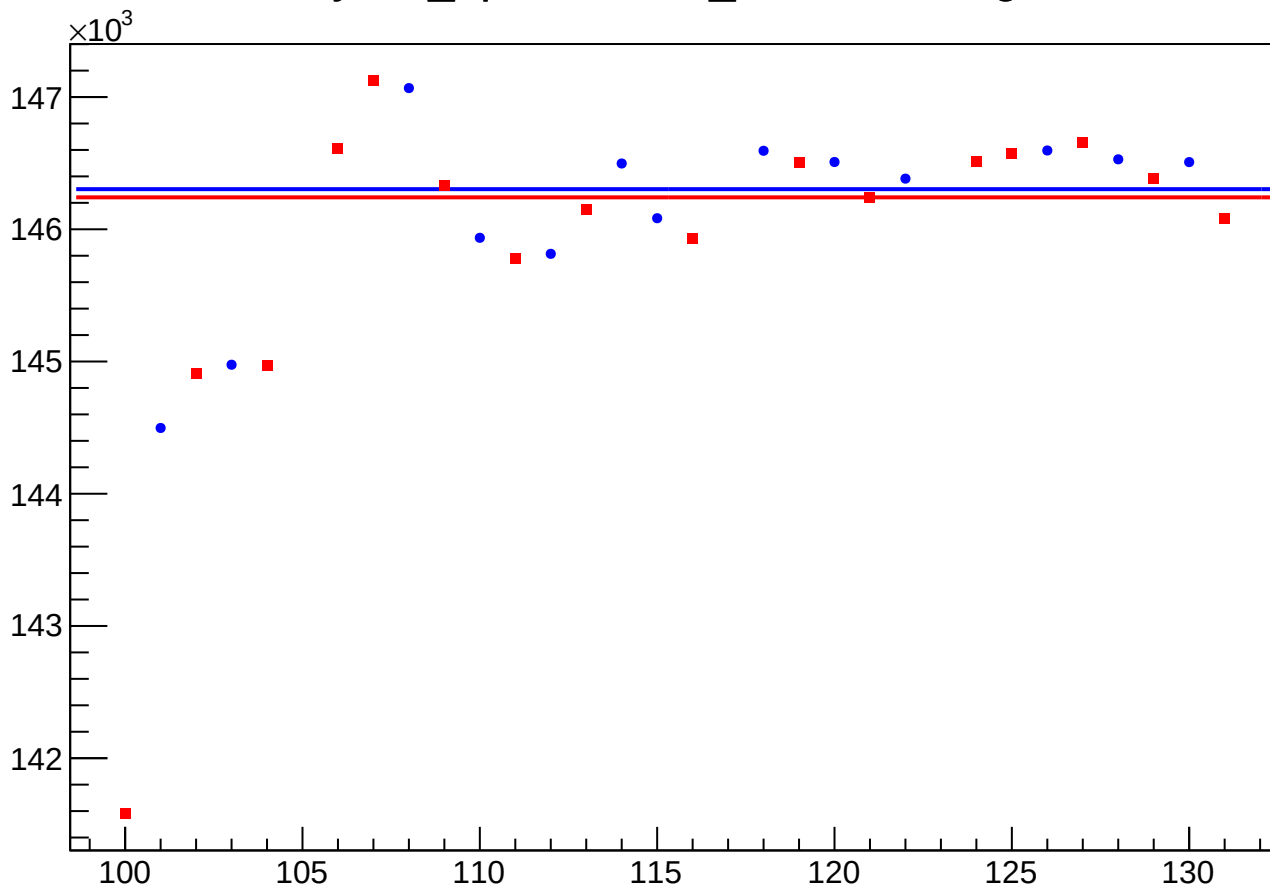
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.730+/-0.034 χ^2/NDF : 2404493.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l08WS_mean vs Slug



Right In: 146303.487 $\pm$ 0.076 χ^2 /NDF: 42416799.9/12

+ 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

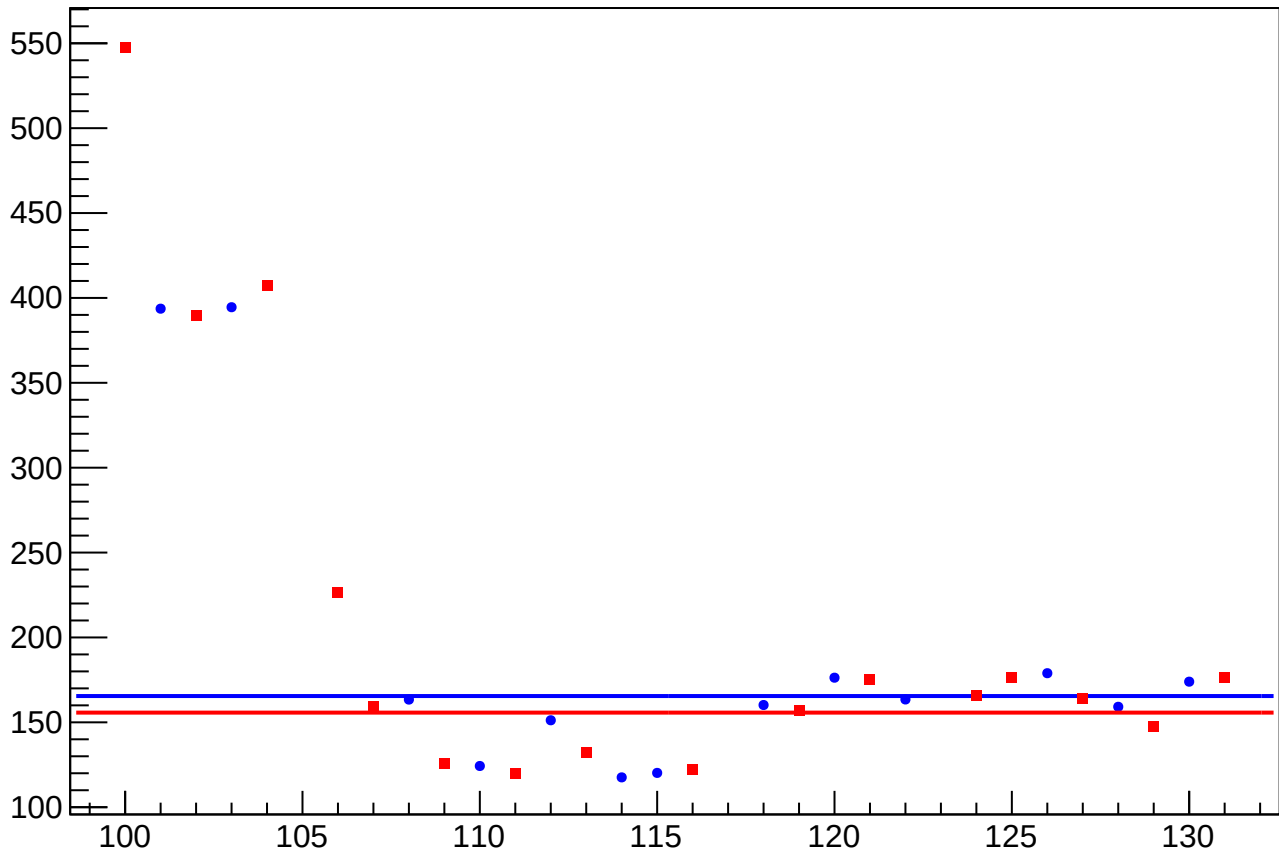
Right Out: 146241.535 $\pm$ 0.066 χ^2 /NDF: 41139455.9/15

All: 146268.420 $\pm$ 0.050 χ^2 /NDF: 83933244.

- 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: 165.482 $\pm$ 0.054 χ^2 /NDF: 1019040.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 155.721 $\pm$ 0.047 χ^2 /NDF: 1228653.5/15

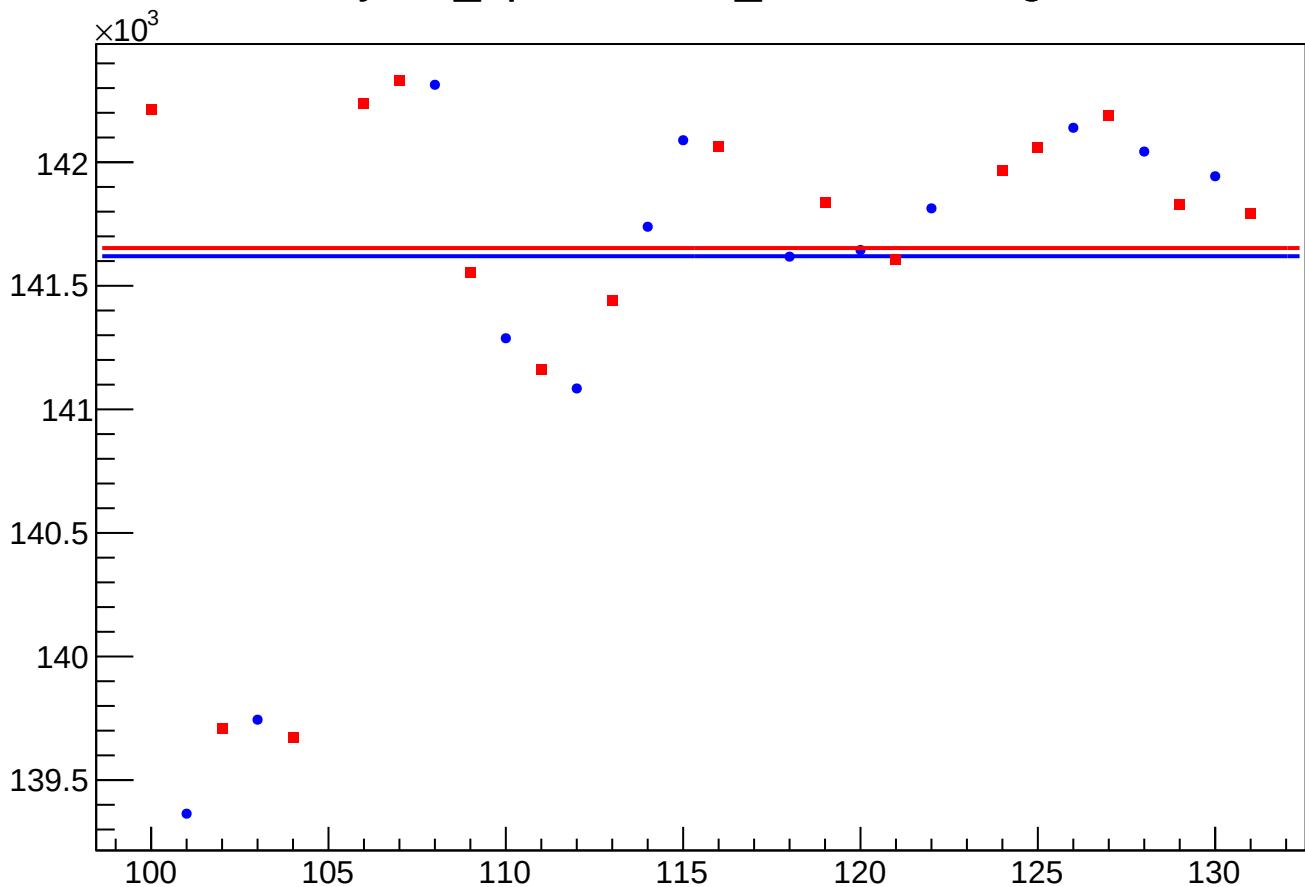
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 159.957 $\pm$ 0.035 χ^2 /NDF: 2266409.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l09WS_mean vs Slug



Right In: 141619.703 $\pm$ 0.077 χ^2 /NDF: 60030194.0/12

+ 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

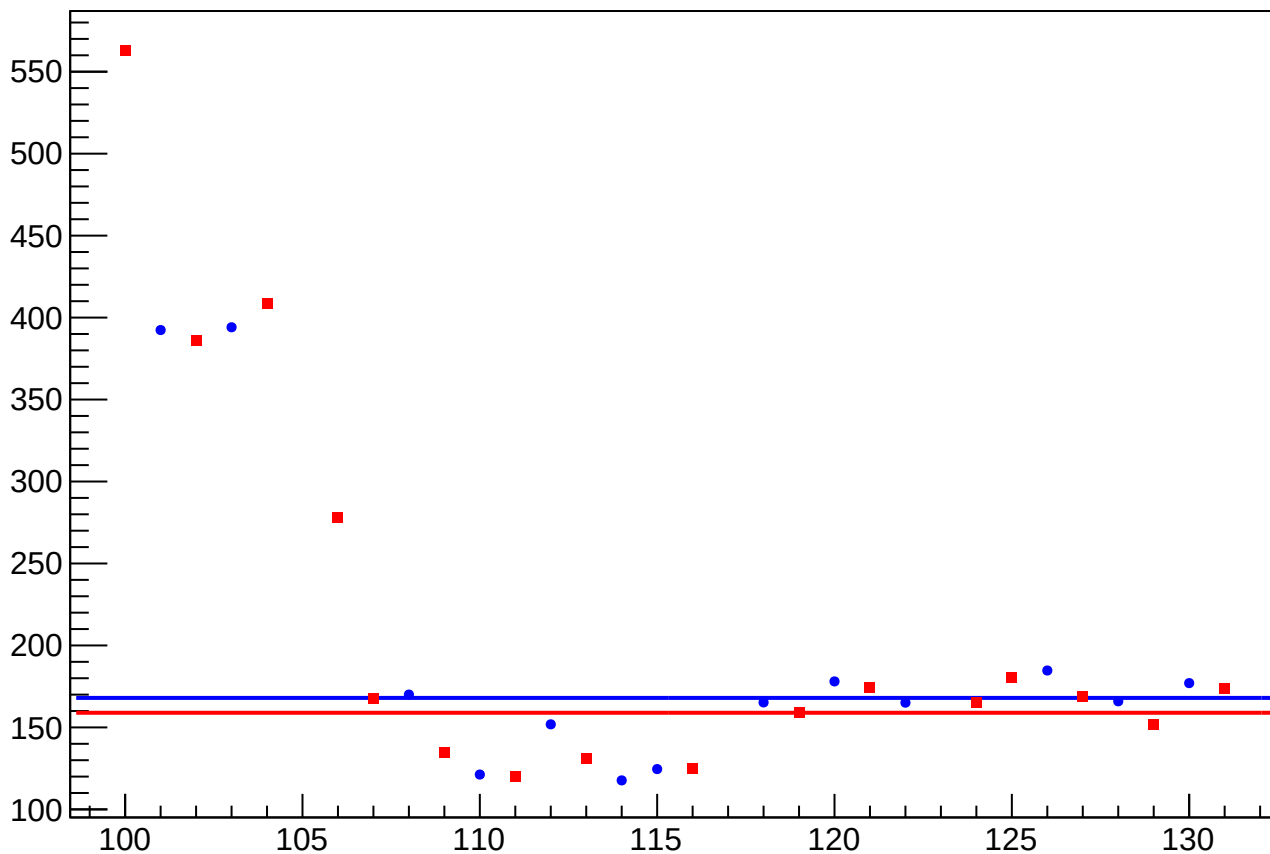
Right Out: 141652.754 $\pm$ 0.068 χ^2 /NDF: 53453226.1/15

All: 141638.332 $\pm$ 0.051 χ^2 /NDF: 113586819

- 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: 168.003 $\pm$ 0.055 χ^2 /NDF: 1024016.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 158.937 $\pm$ 0.048 χ^2 /NDF: 1243153.0/15

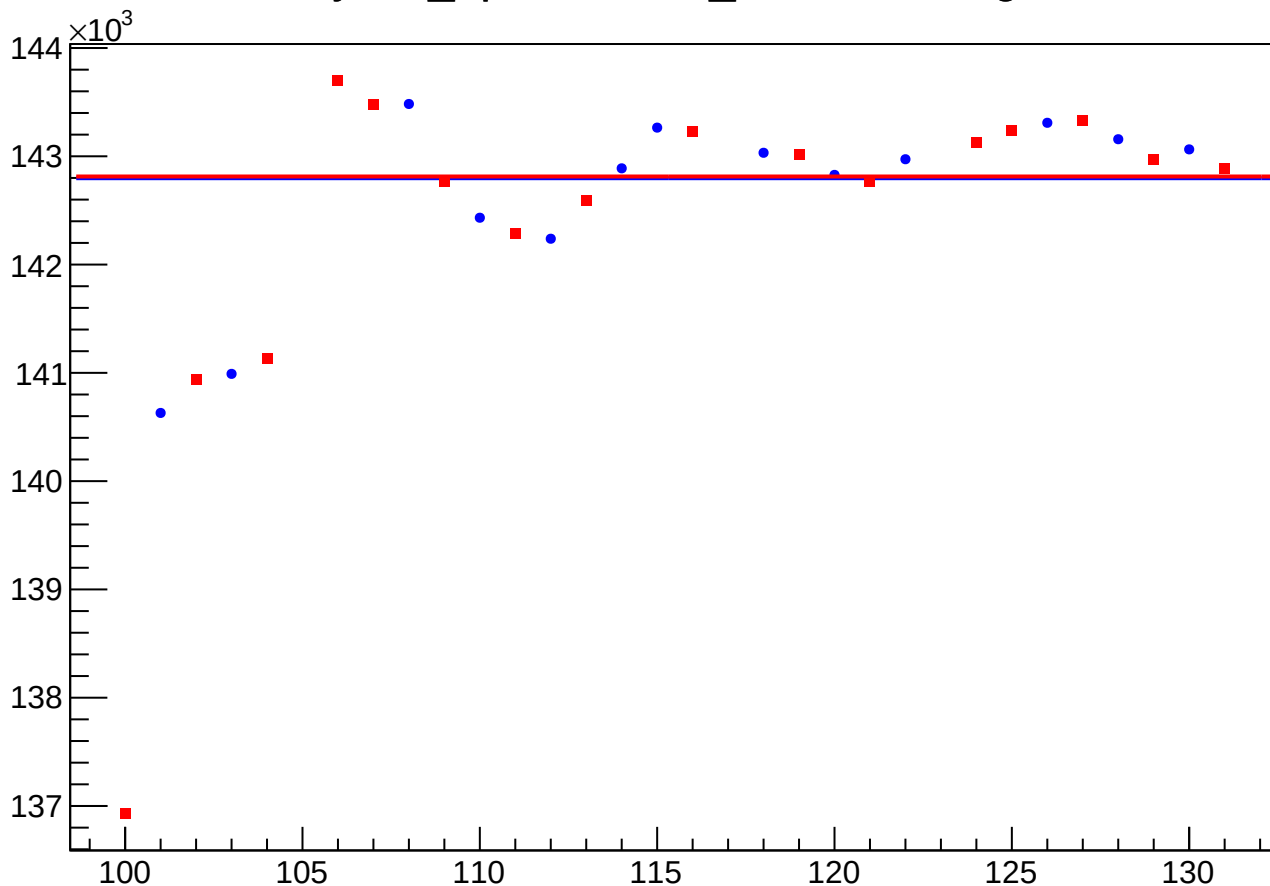
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 162.893 $\pm$ 0.036 χ^2 /NDF: 2282728.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l10WS_mean vs Slug



Right In: 142797.694 $\pm$ 0.078 χ^2 /NDF: 57033915.9/12

+ 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

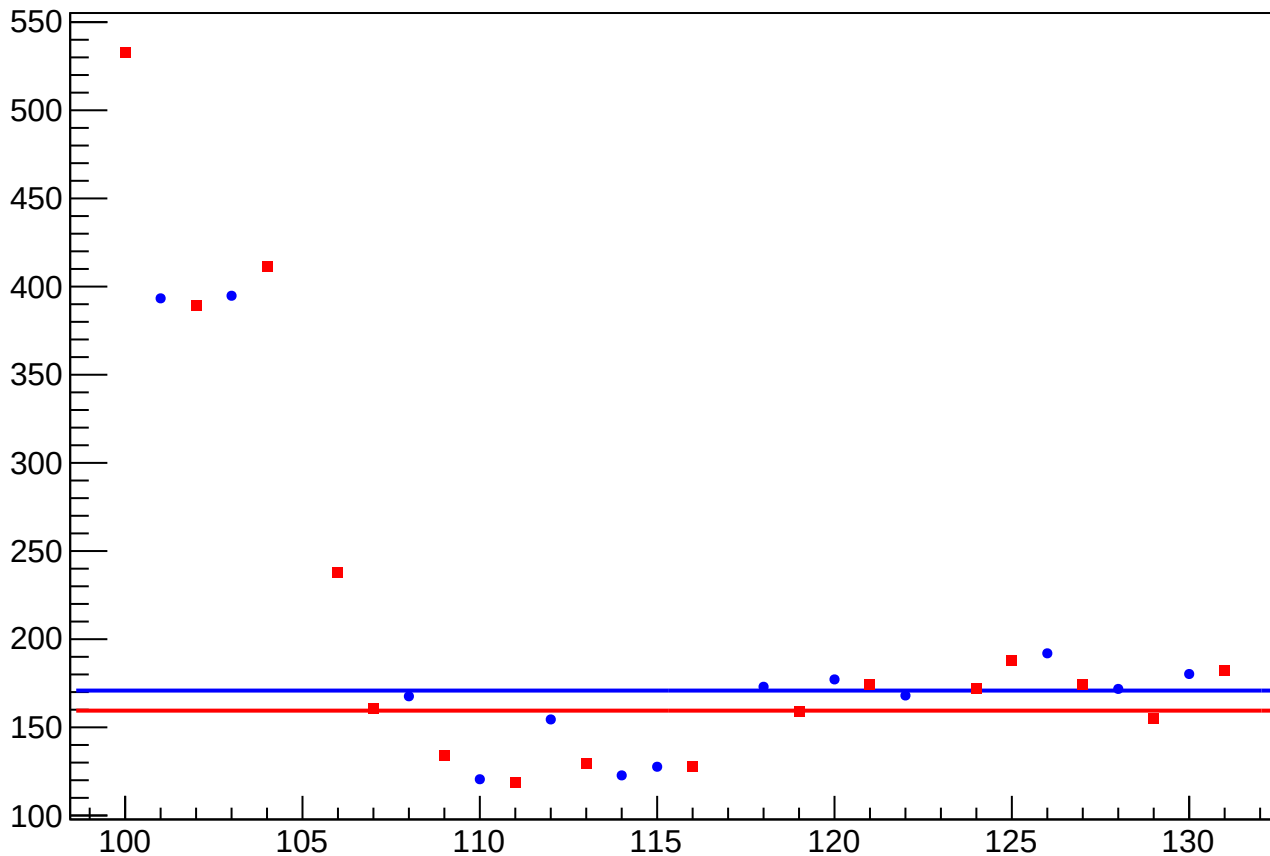
Right Out: 142813.410 $\pm$ 0.068 χ^2 /NDF: 60278080.9/15

All: 142806.642 $\pm$ 0.051 χ^2 /NDF: 117334874

- 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: 170.855 $\pm$ 0.055 χ^2 /NDF: 1018061.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

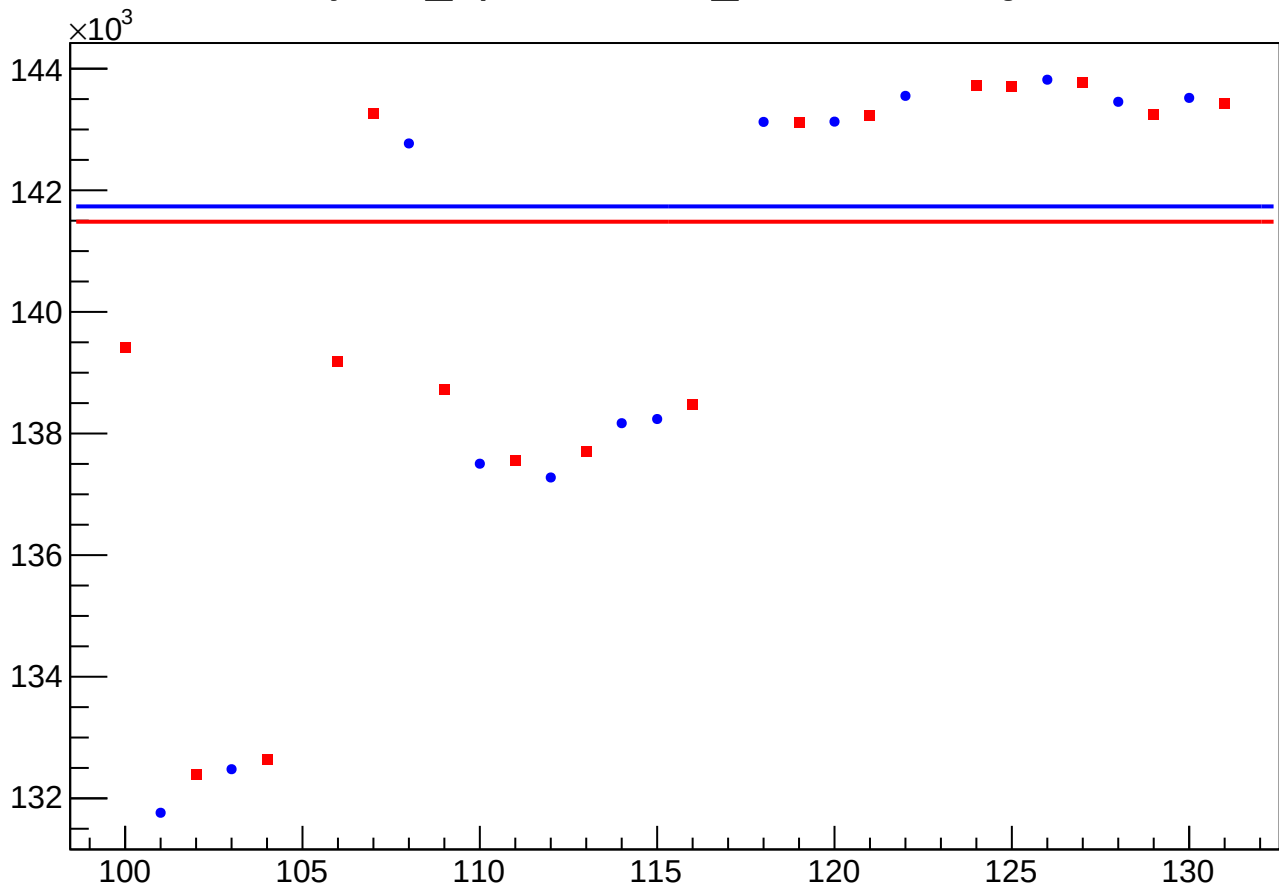
Right Out: 159.477 $\pm$ 0.048 χ^2 /NDF: 1224173.2/15

All: 164.377 $\pm$ 0.036 χ^2 /NDF: 2266218.3/28

- 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_mean vs Slug



Right In: 141734.987 $\pm$ 0.113 χ^2 /NDF: 866152906.1/12

+ 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

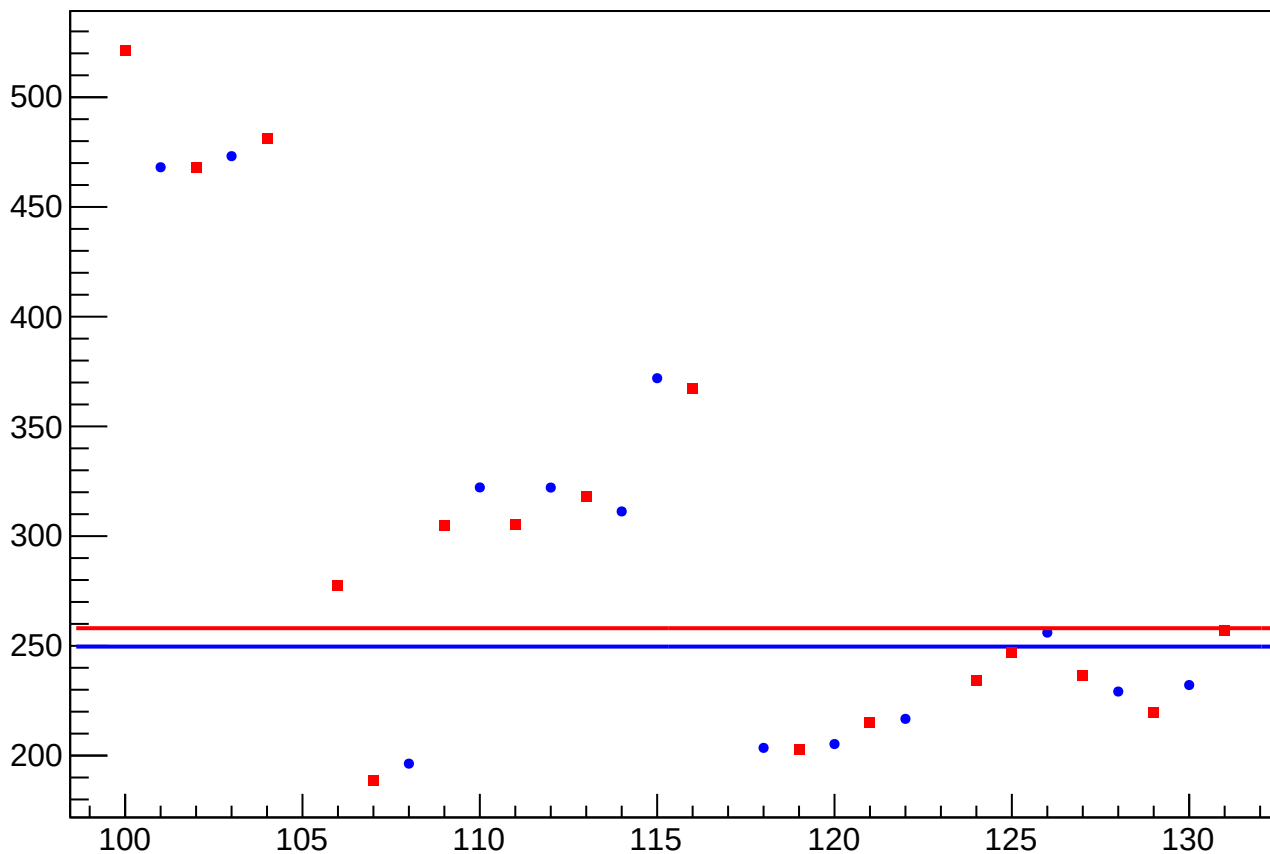
Right Out: 141483.226 $\pm$ 0.109 χ^2 /NDF: 843046344.9/15

All: 141604.163 $\pm$ 0.078 χ^2 /NDF: 171177996.1/15

- 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: 249.661 $\pm$ 0.080 χ^2 /NDF: 850433.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 258.041 $\pm$ 0.077 χ^2 /NDF: 850503.6/15

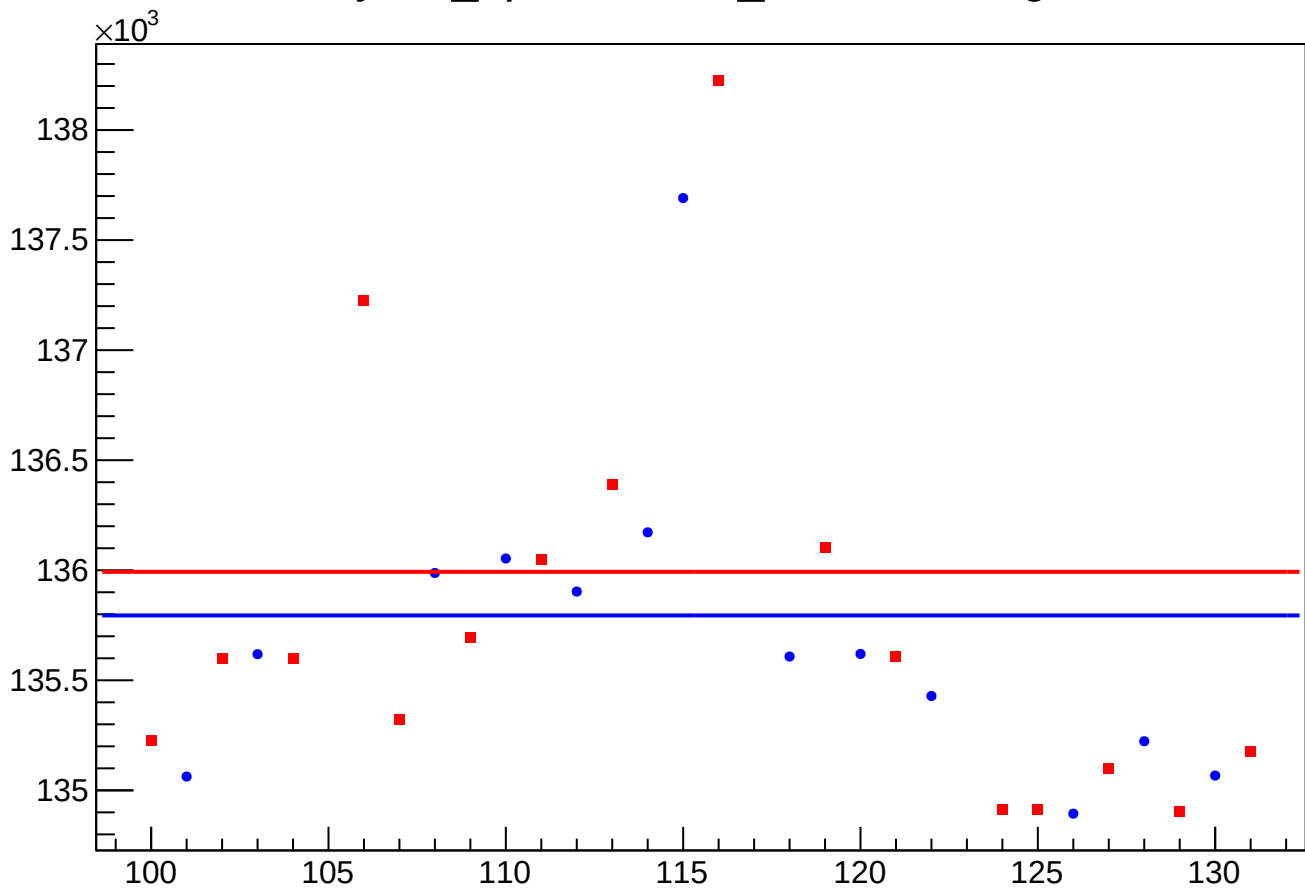
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 254.015 $\pm$ 0.055 χ^2 /NDF: 1706656.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r05WS_mean vs Slug



Right In: 135794.690 $\pm$ 0.133 χ^2 /NDF: 19077051.7/12

+ 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

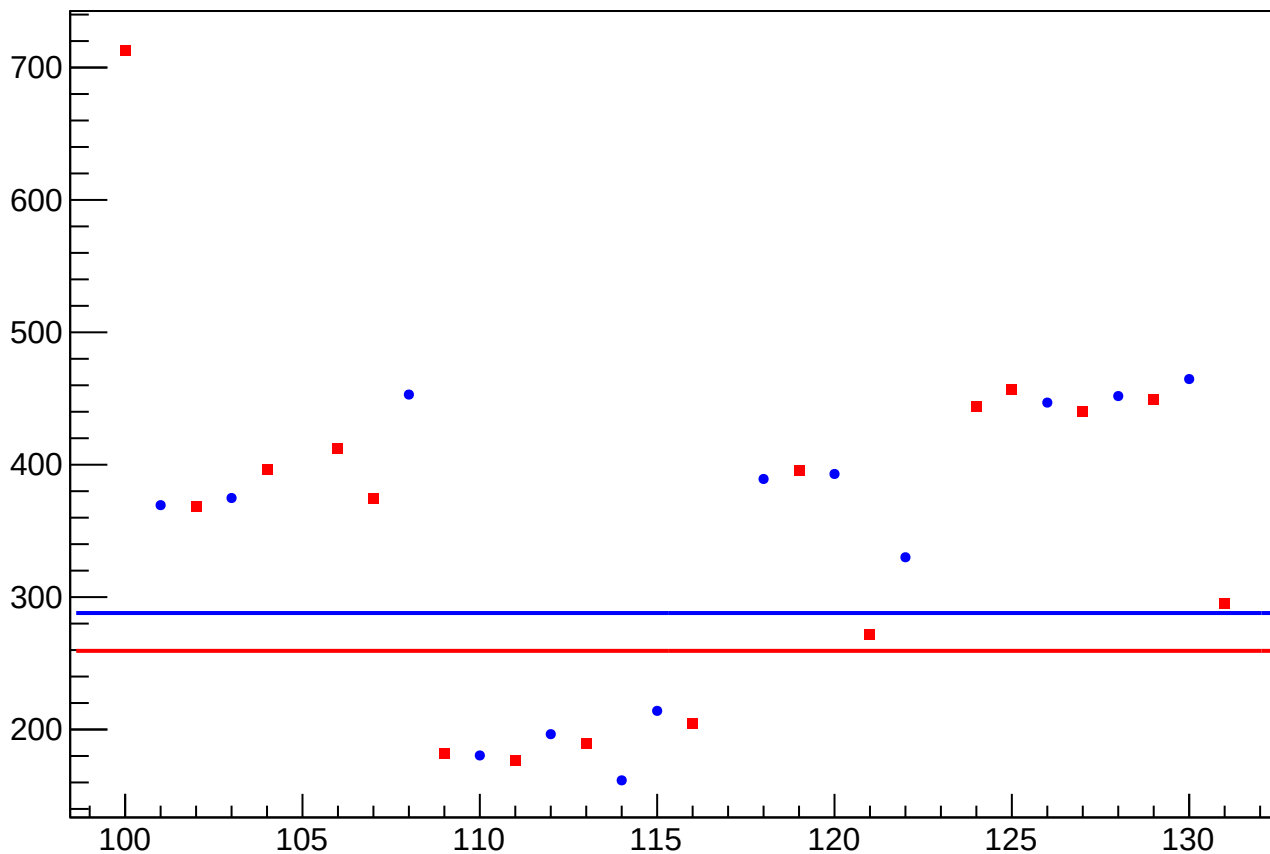
All: 135909.997 $\pm$ 0.086 χ^2 /NDF: 68313864.

Right Out: 135992.881 $\pm$ 0.113 χ^2 /NDF: 47951228.4/15

- 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: 287.969+/-0.094 χ^2/NDF : 1348278.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 259.403+/-0.080 χ^2/NDF : 1564043.7/15

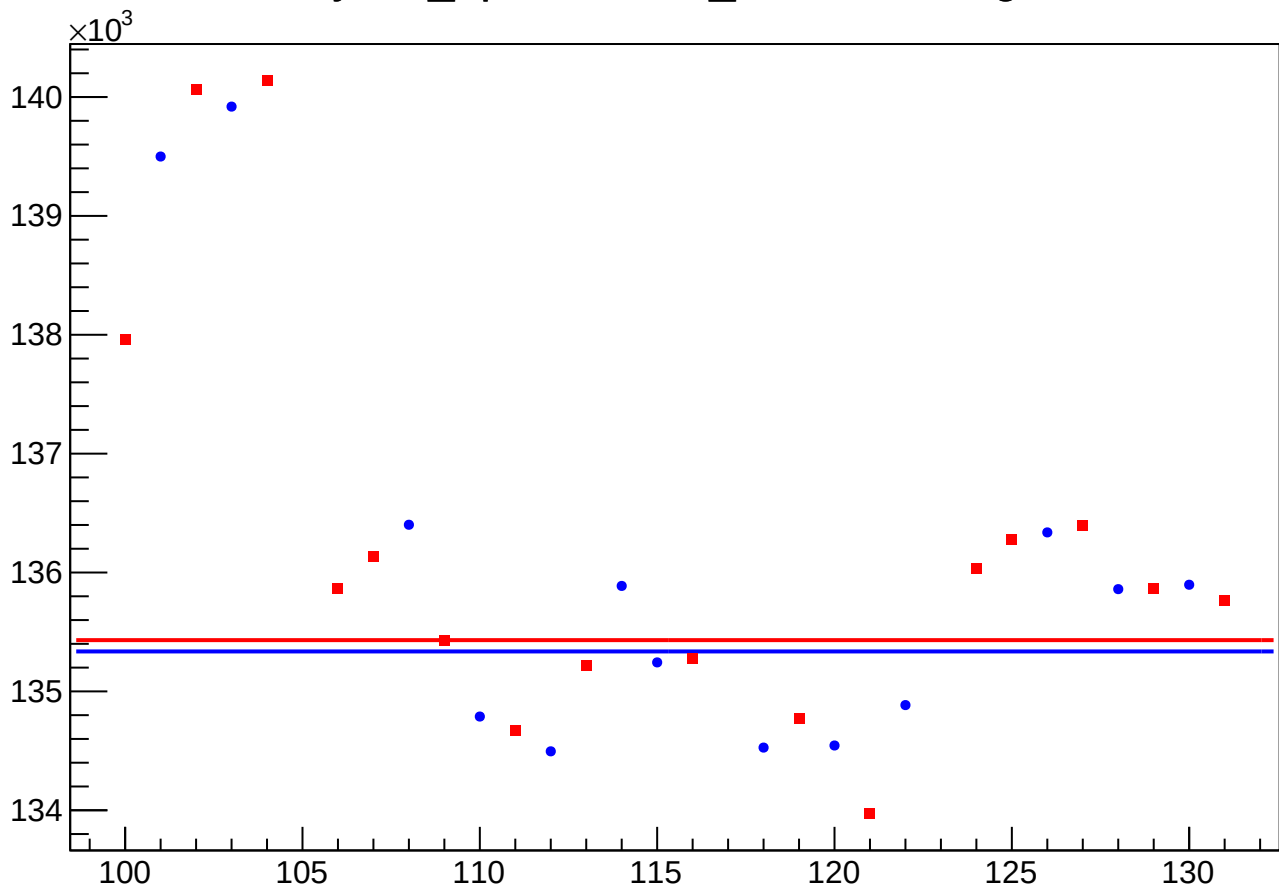
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 271.350+/-0.061 χ^2/NDF : 2965735.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02WS_mean vs Slug



Right In: 135336.078 $\pm$ 0.061 χ^2 /NDF: 309255150.9/12

+ 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

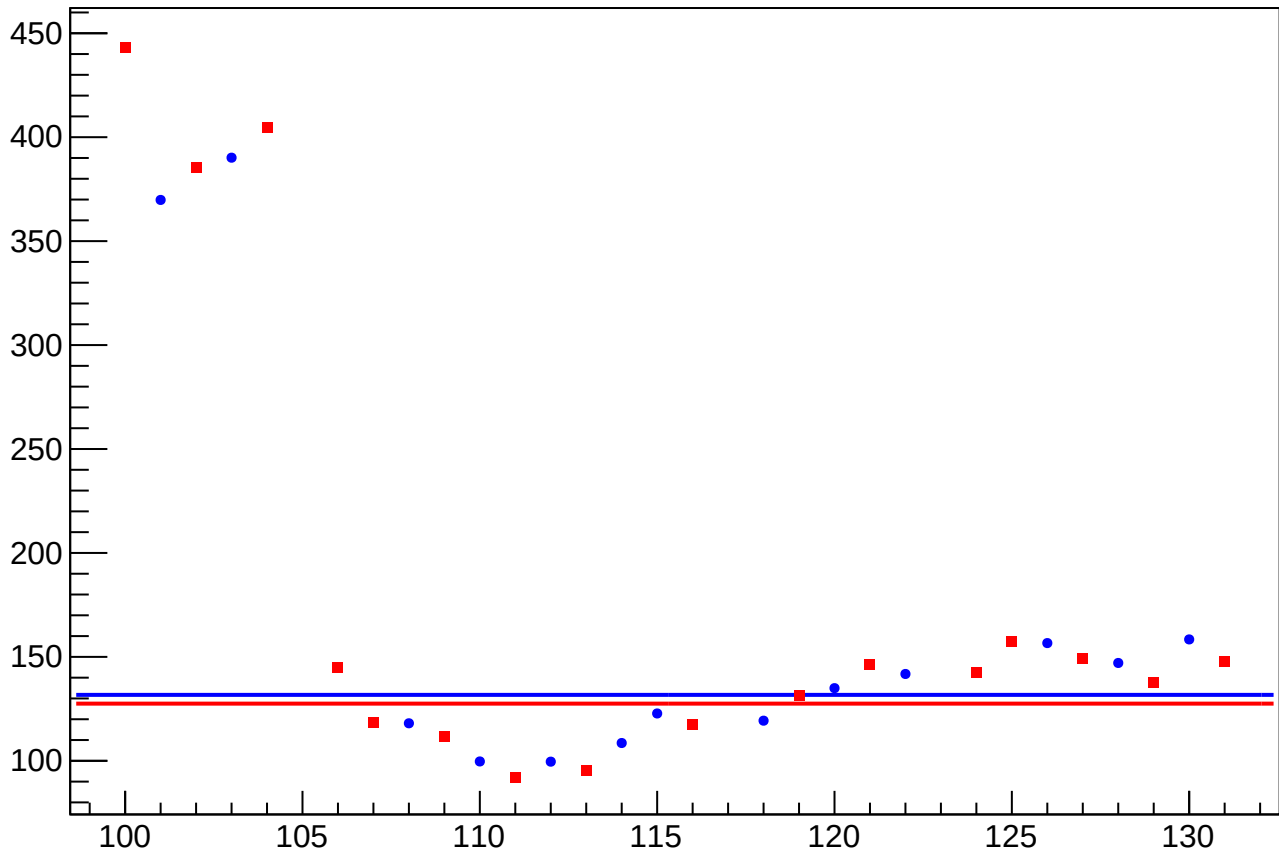
Right Out: 135431.163 $\pm$ 0.055 χ^2 /NDF: 301814612.2/15

All: 135388.476 $\pm$ 0.041 χ^2 /NDF: 612388110

- 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: 131.724+/-0.043 χ^2/NDF : 1329675.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

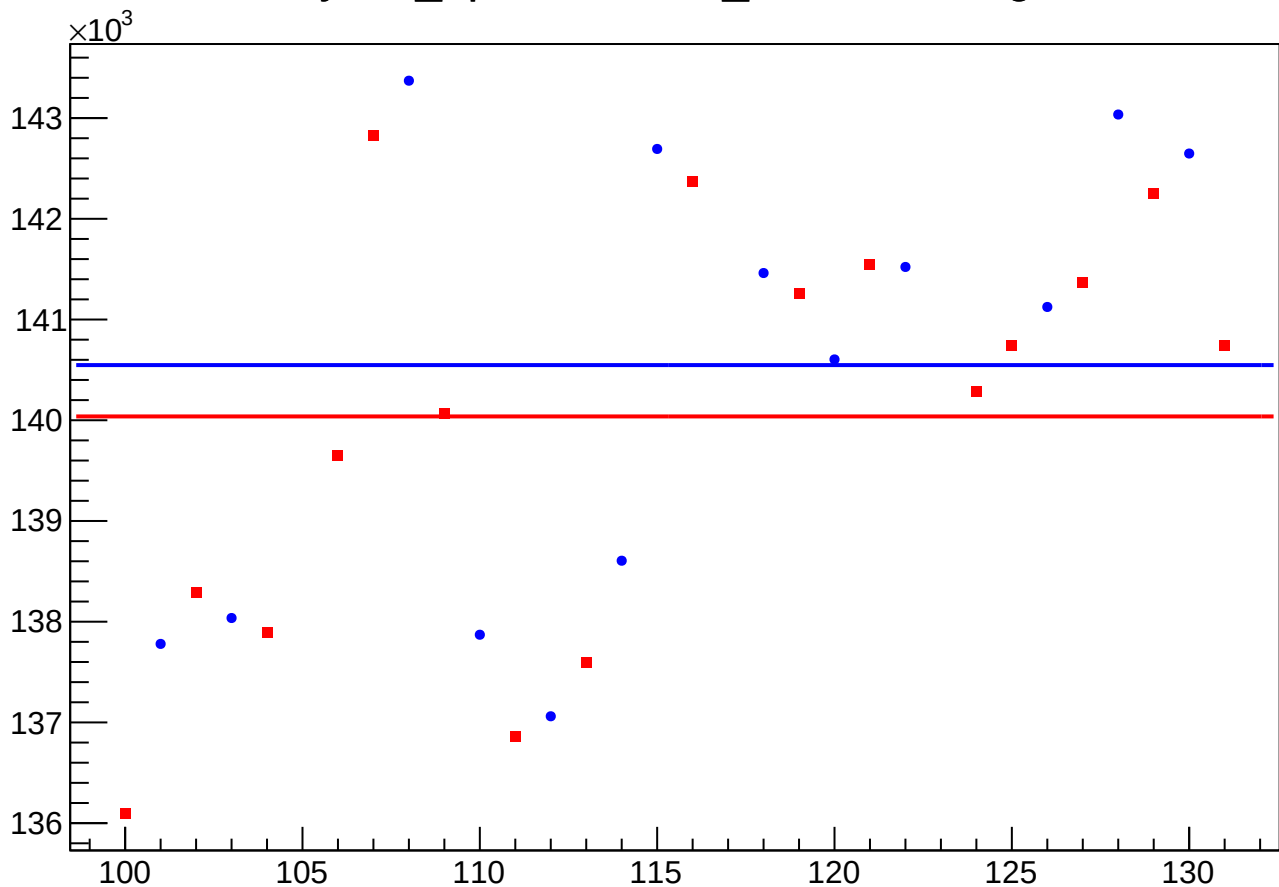
Right Out: 127.512+/-0.039 χ^2/NDF : 1480212.3/15

All: 129.403+/-0.029 χ^2/NDF : 2815062.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02aWS_mean vs Slug



Right In: 140547.689 $\pm$ 0.071 χ^2 /NDF: 962987824.8/12

+ 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

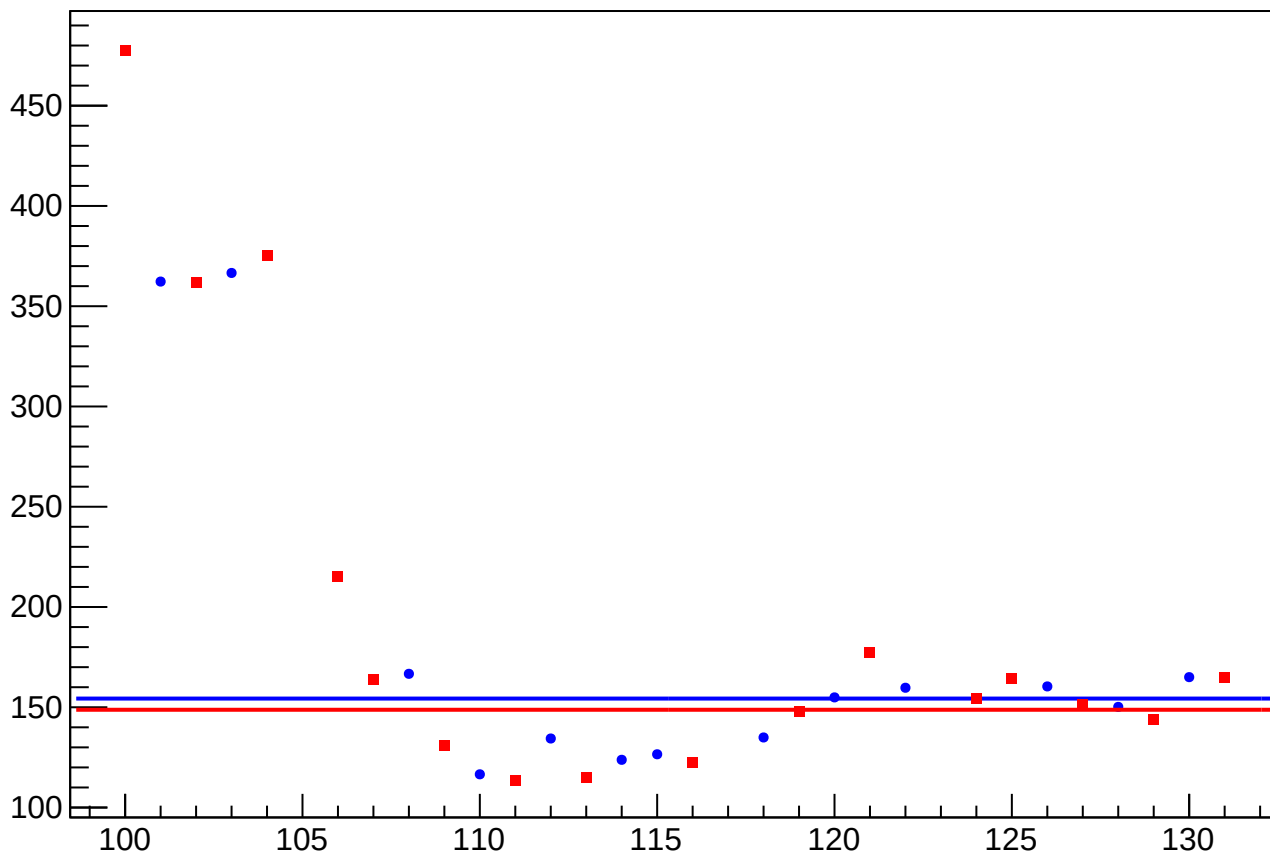
Right Out: 140037.947 $\pm$ 0.064 χ^2 /NDF: 939217892.1/15

All: 140266.266 $\pm$ 0.047 χ^2 /NDF: 193081963

- 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: 154.340+/-0.050 χ^2/NDF : 988329.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.754+/-0.045 χ^2/NDF : 1181362.6/15

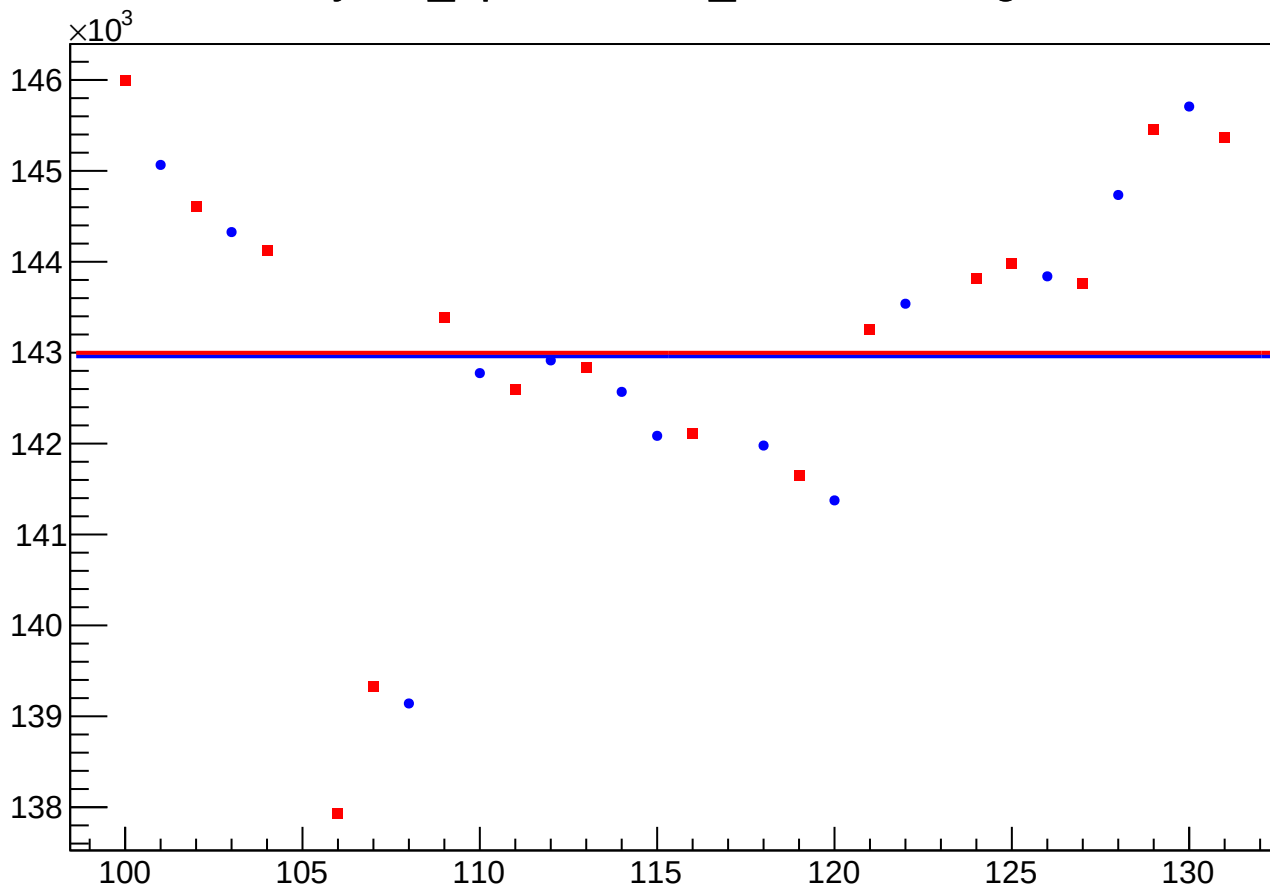
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.256+/-0.034 χ^2/NDF : 2176564.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i05WS_mean vs Slug



Right In: 142960.677 $\pm$ 0.075 χ^2 /NDF: 560518527.0/12

+ 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

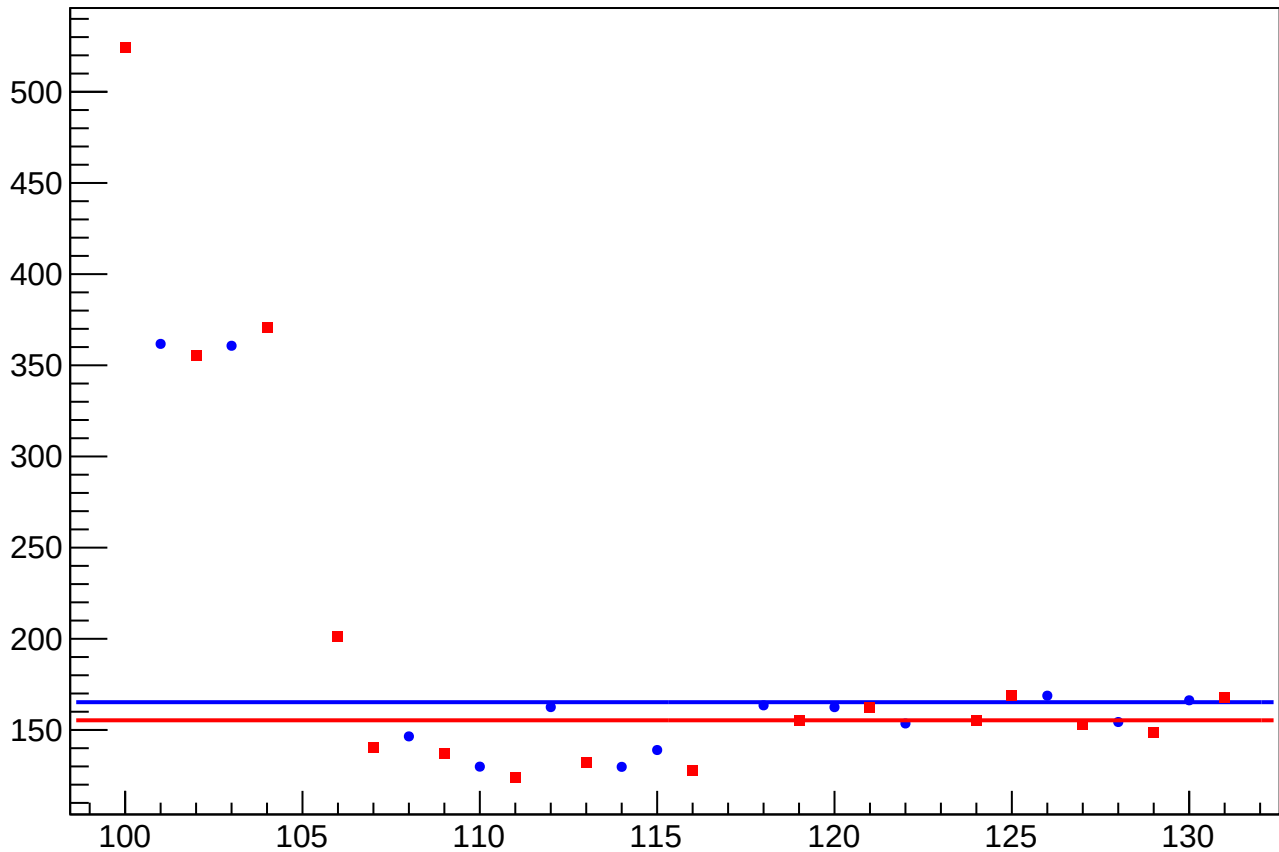
Right Out: 142998.796 $\pm$ 0.066 χ^2 /NDF: 622850023.8/15

All: 142982.220 $\pm$ 0.050 χ^2 /NDF: 118351318

- 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: 165.235+/-0.053 χ^2/NDF : 840179.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

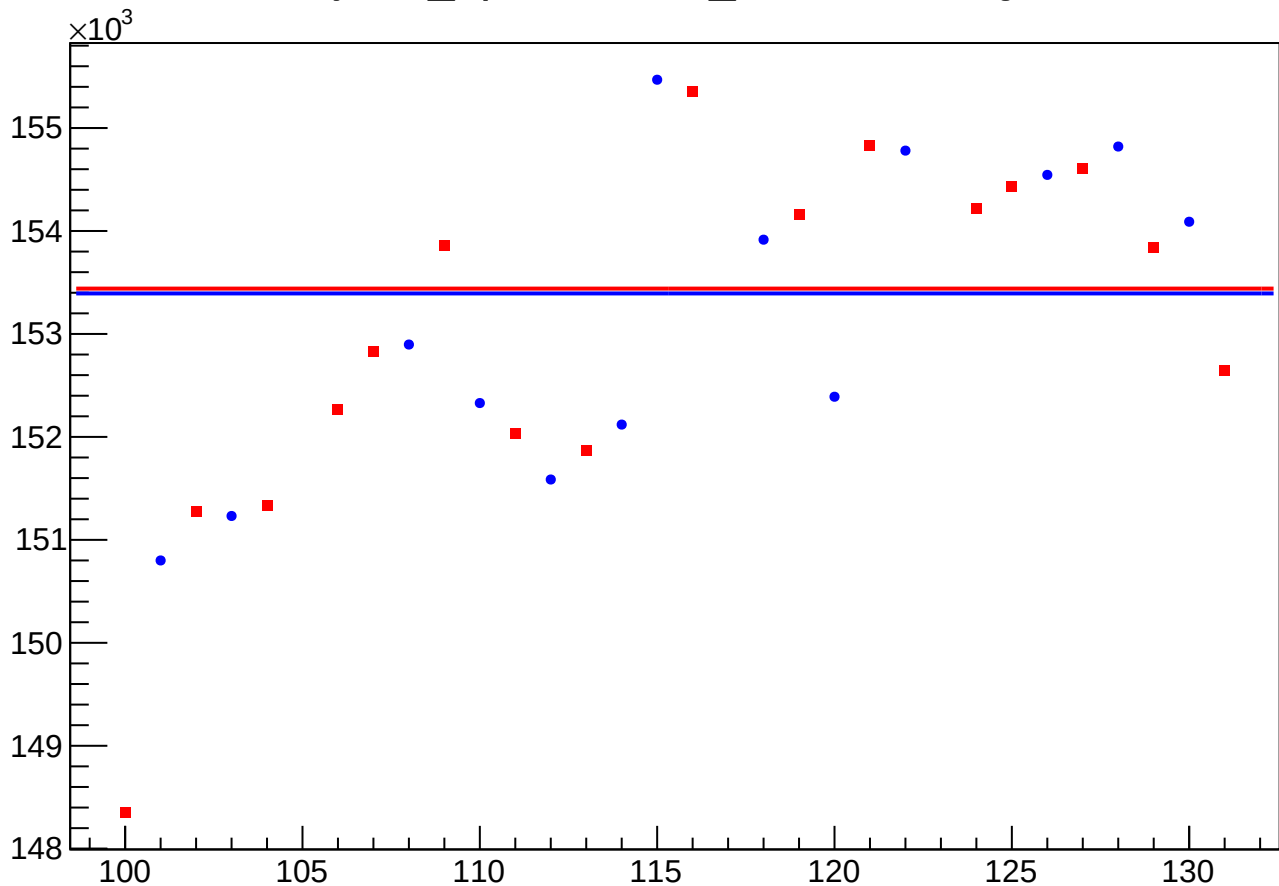
Right Out: 155.299+/-0.047 χ^2/NDF : 995914.2/15

All: 159.620+/-0.035 χ^2/NDF : 1855746.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i07WS_mean vs Slug



Right In: 153393.502 $\pm$ 0.085 χ^2 /NDF: 233961609.7/12

+ 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

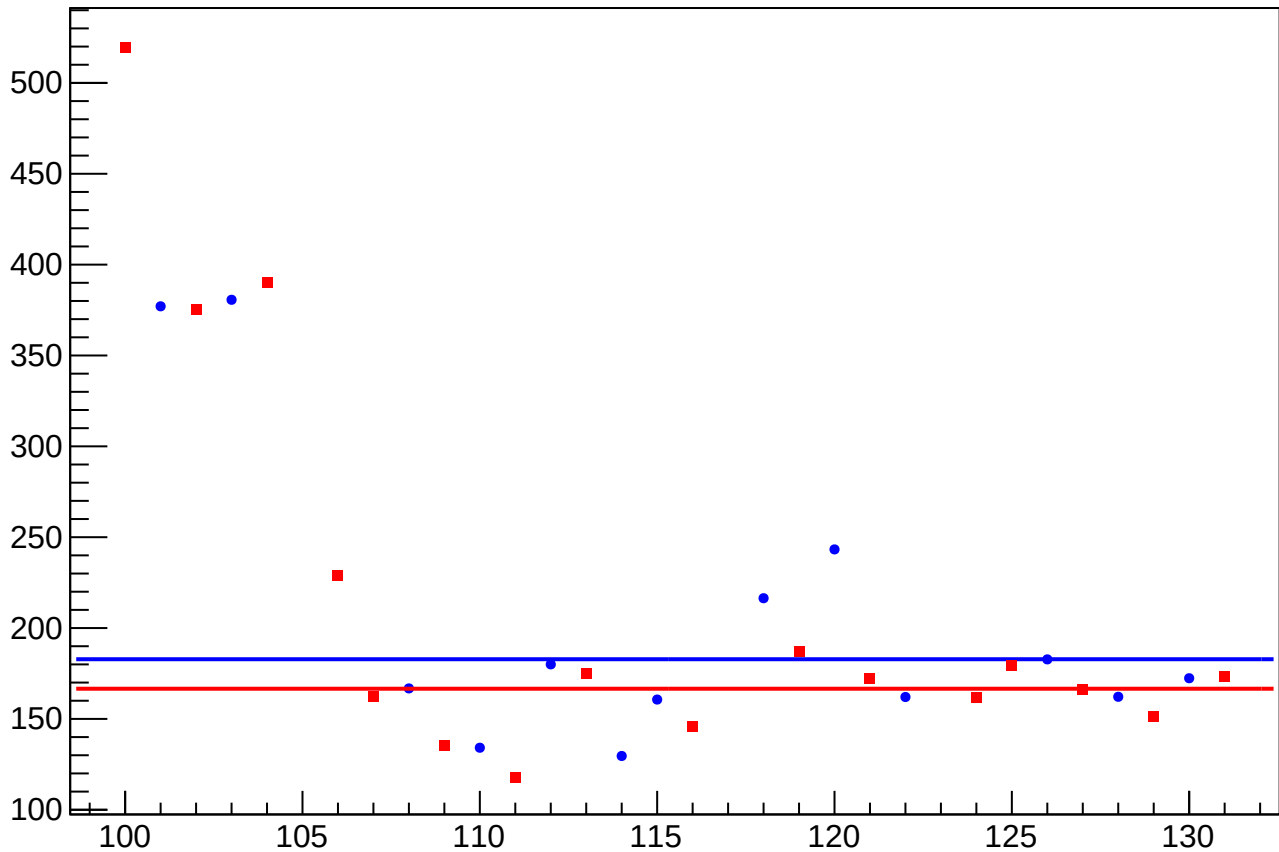
Right Out: 153440.401 $\pm$ 0.072 χ^2 /NDF: 265204862.5/15

All: 153420.842 $\pm$ 0.055 χ^2 /NDF: 499342037.0/15

- 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: 182.848+/-0.060 χ^2/NDF : 896827.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 166.613+/-0.051 χ^2/NDF : 1075753.1/15

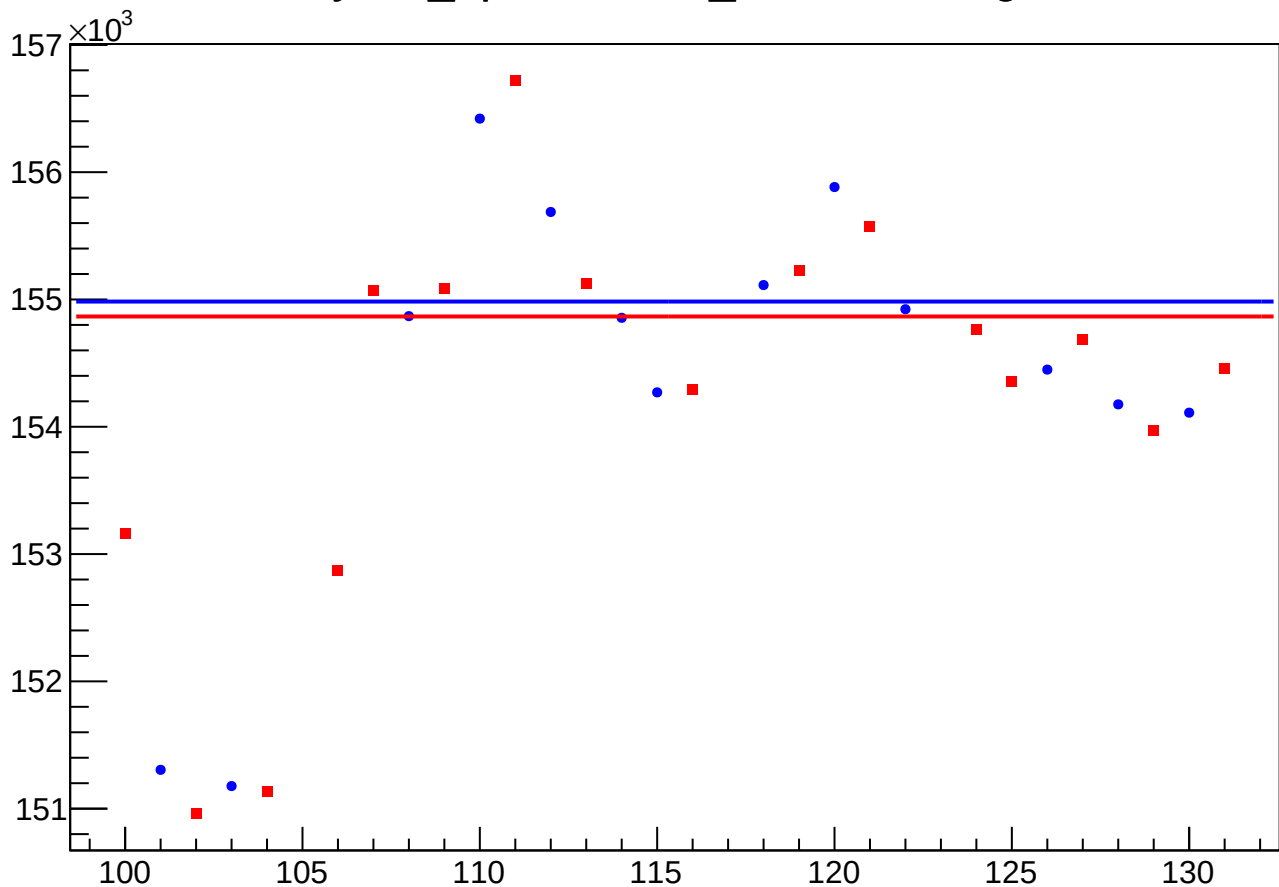
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.383+/-0.039 χ^2/NDF : 2014657.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i02WS_mean vs Slug



Right In: 154983.661 $\pm$ 0.073 χ^2 /NDF: 213205922.1/12

+ 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

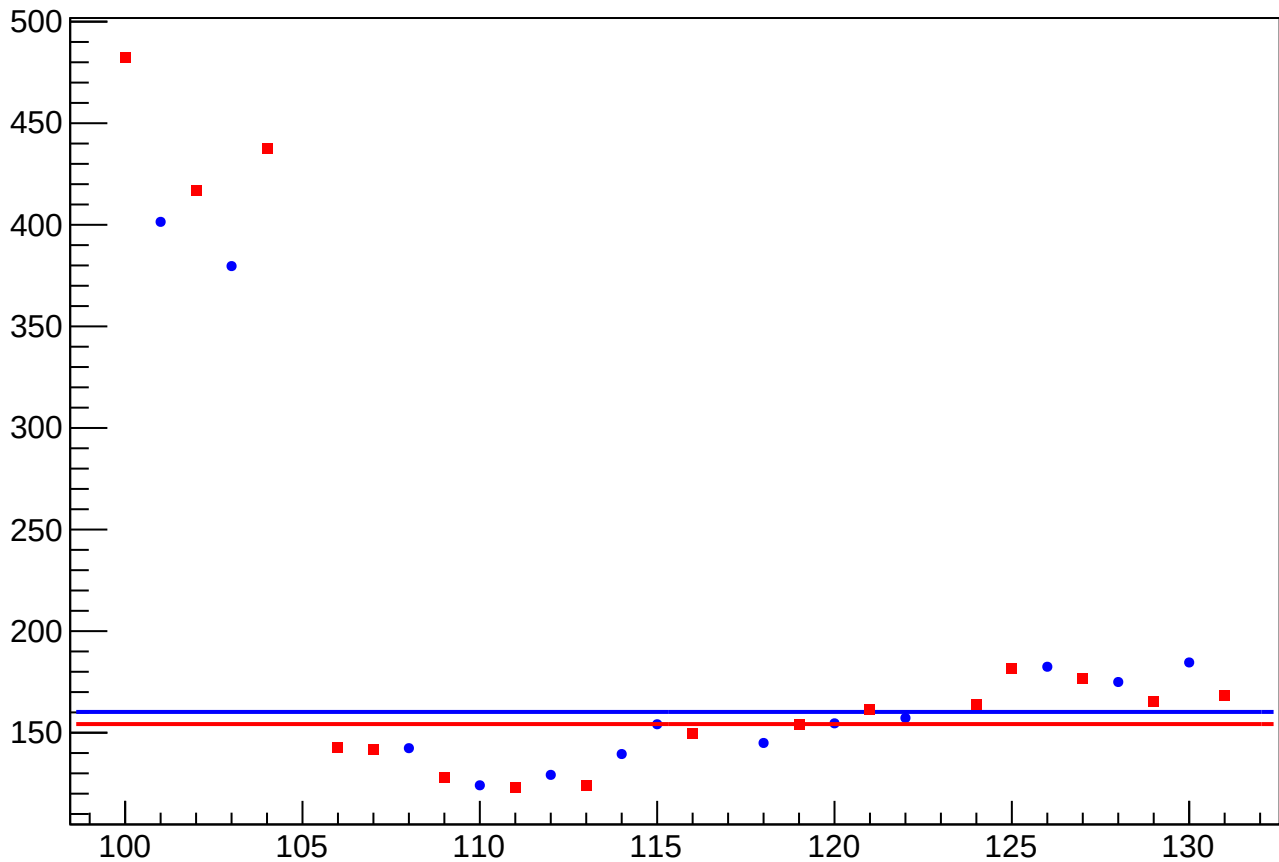
Right Out: 154866.344 $\pm$ 0.065 χ^2 /NDF: 292084309.1/15

All: 154918.242 $\pm$ 0.049 χ^2 /NDF: 506713849.1/27

- 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: 160.232 $\pm$ 0.052 χ^2 /NDF: 1029429.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 154.256 $\pm$ 0.046 χ^2 /NDF: 1216633.4/15

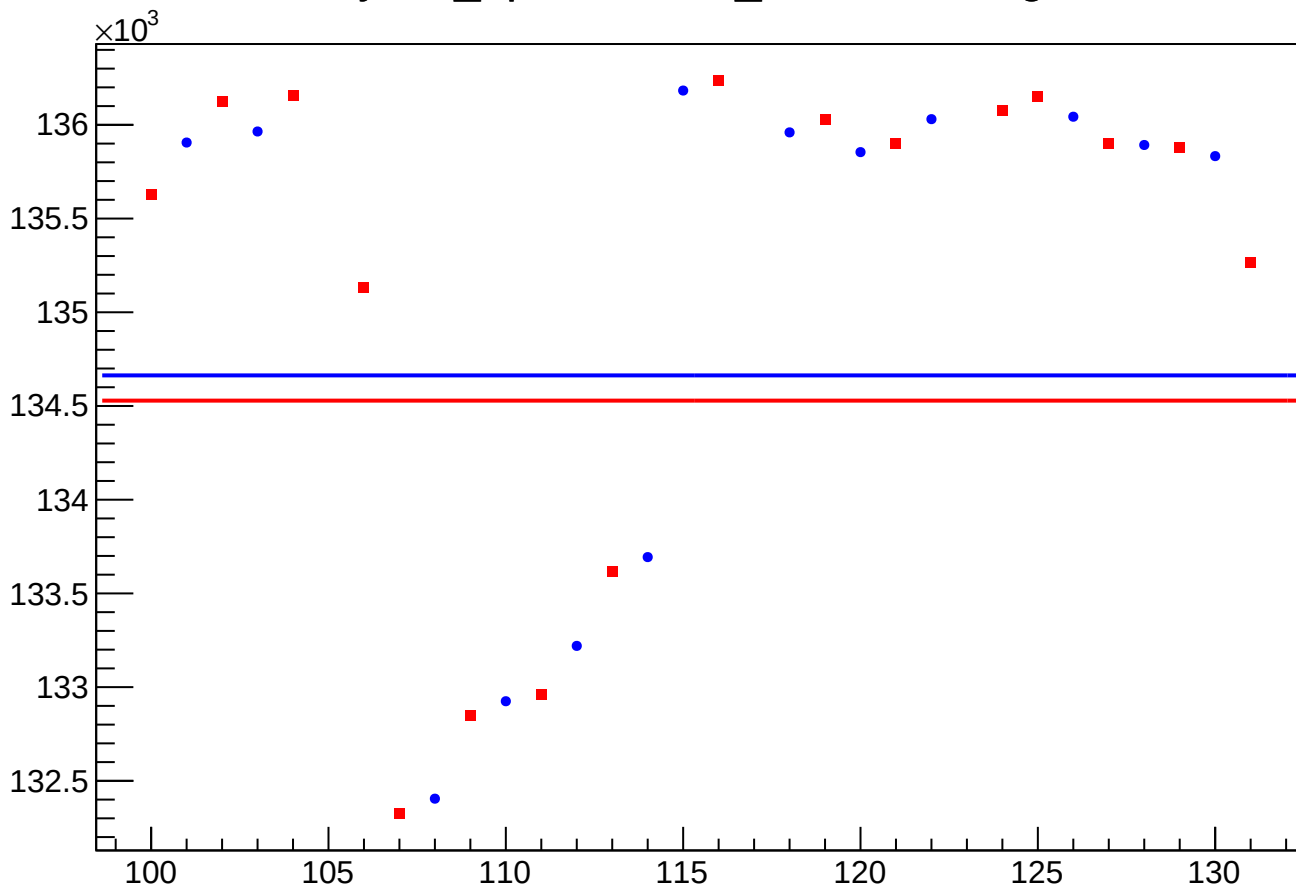
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 156.900 $\pm$ 0.035 χ^2 /NDF: 2253450.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i04WS_mean vs Slug



Right In: 134663.223 $\pm$ 0.057 χ^2 /NDF: 694344758.1/12

+ 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

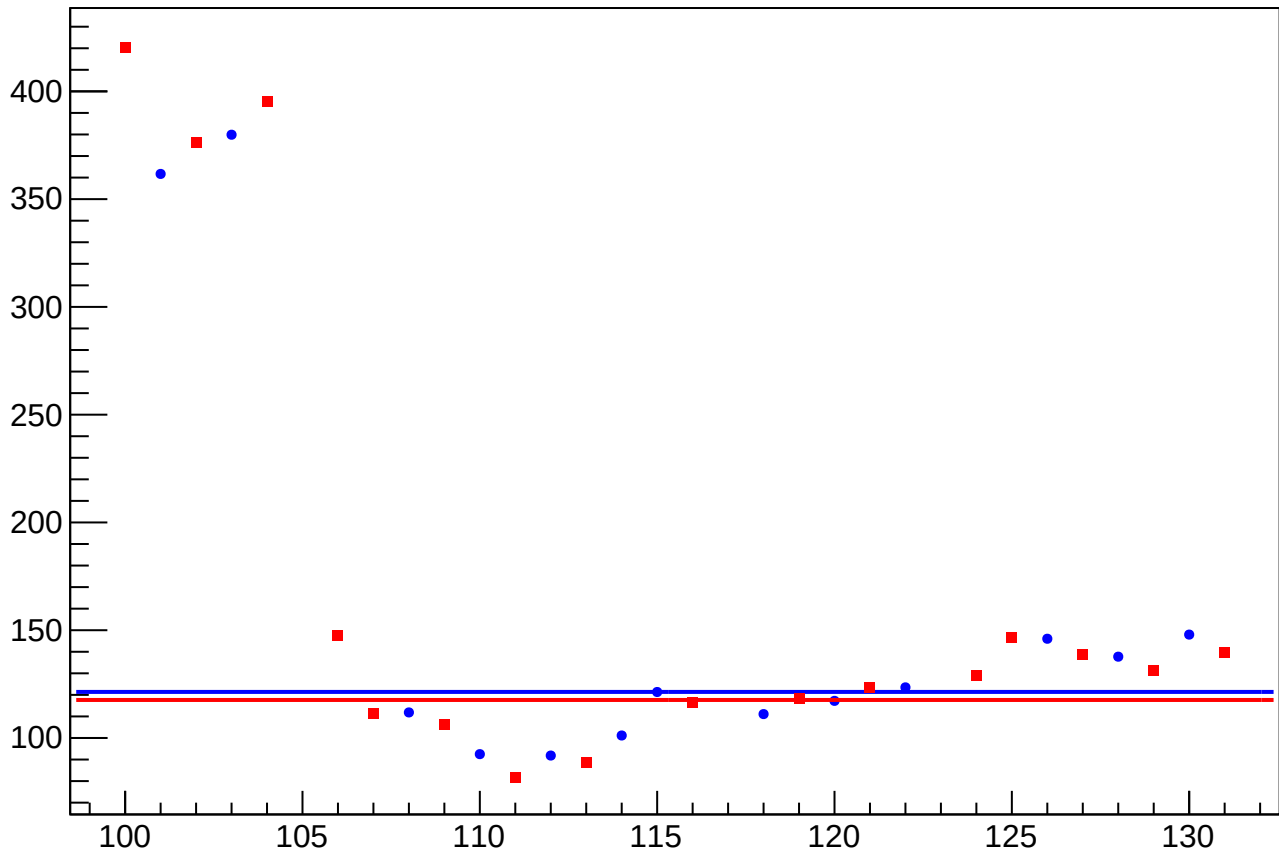
All: 134589.153 $\pm$ 0.038 χ^2 /NDF: 149983045

Right Out: 134528.636 $\pm$ 0.051 χ^2 /NDF: 802380553.0/15

- 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: 121.373+/-0.040 χ^2/NDF : 1389515.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.641+/-0.036 χ^2/NDF : 1570448.2/15

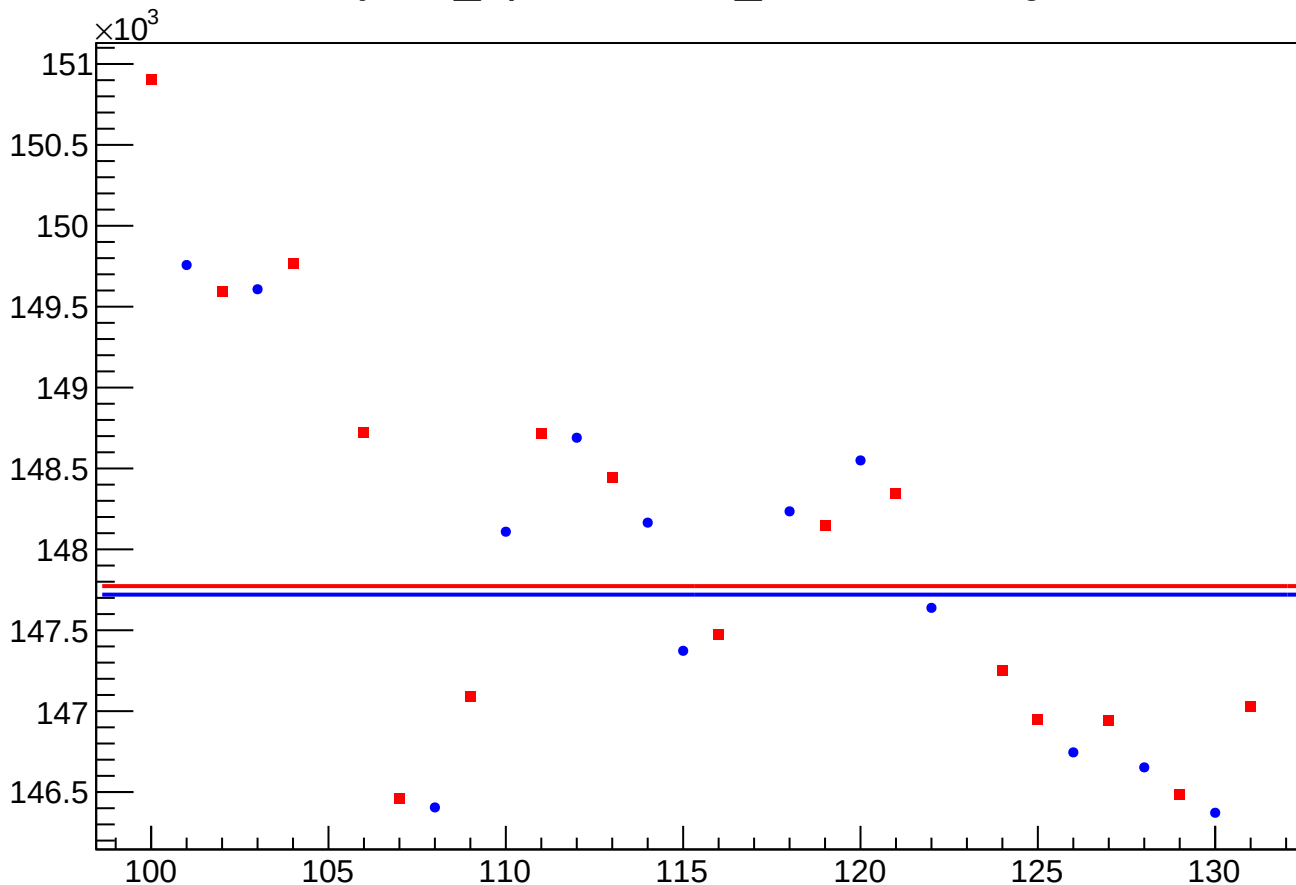
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.319+/-0.027 χ^2/NDF : 2964739.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i06WS_mean vs Slug



Right In: 147720.148 $\pm$ 0.070 χ^2 /NDF: 181617313.8/12

+ 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

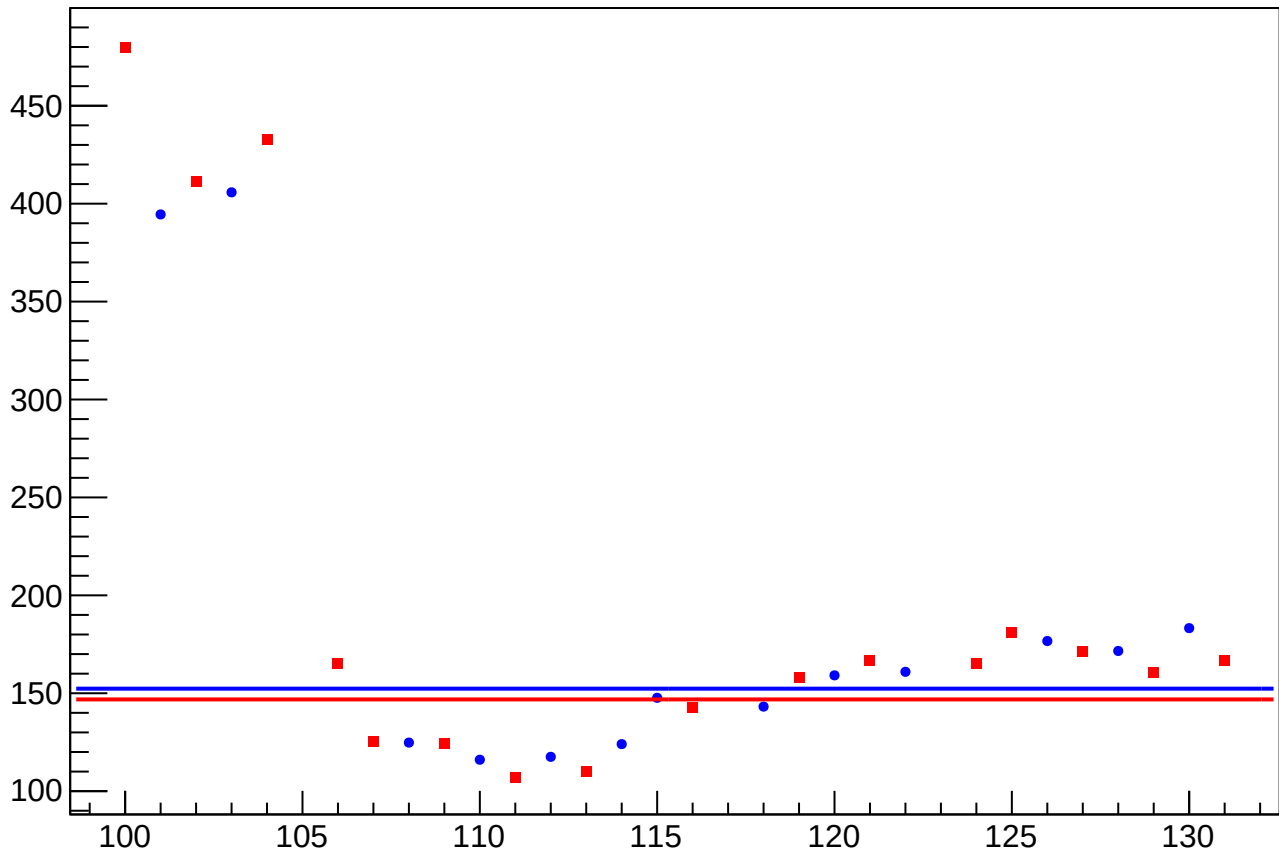
All: 147749.383 $\pm$ 0.047 χ^2 /NDF: 371178803

Right Out: 147772.921 $\pm$ 0.063 χ^2 /NDF: 189249823.3/15

- 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: 152.339+/-0.050 χ^2/NDF : 1220635.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

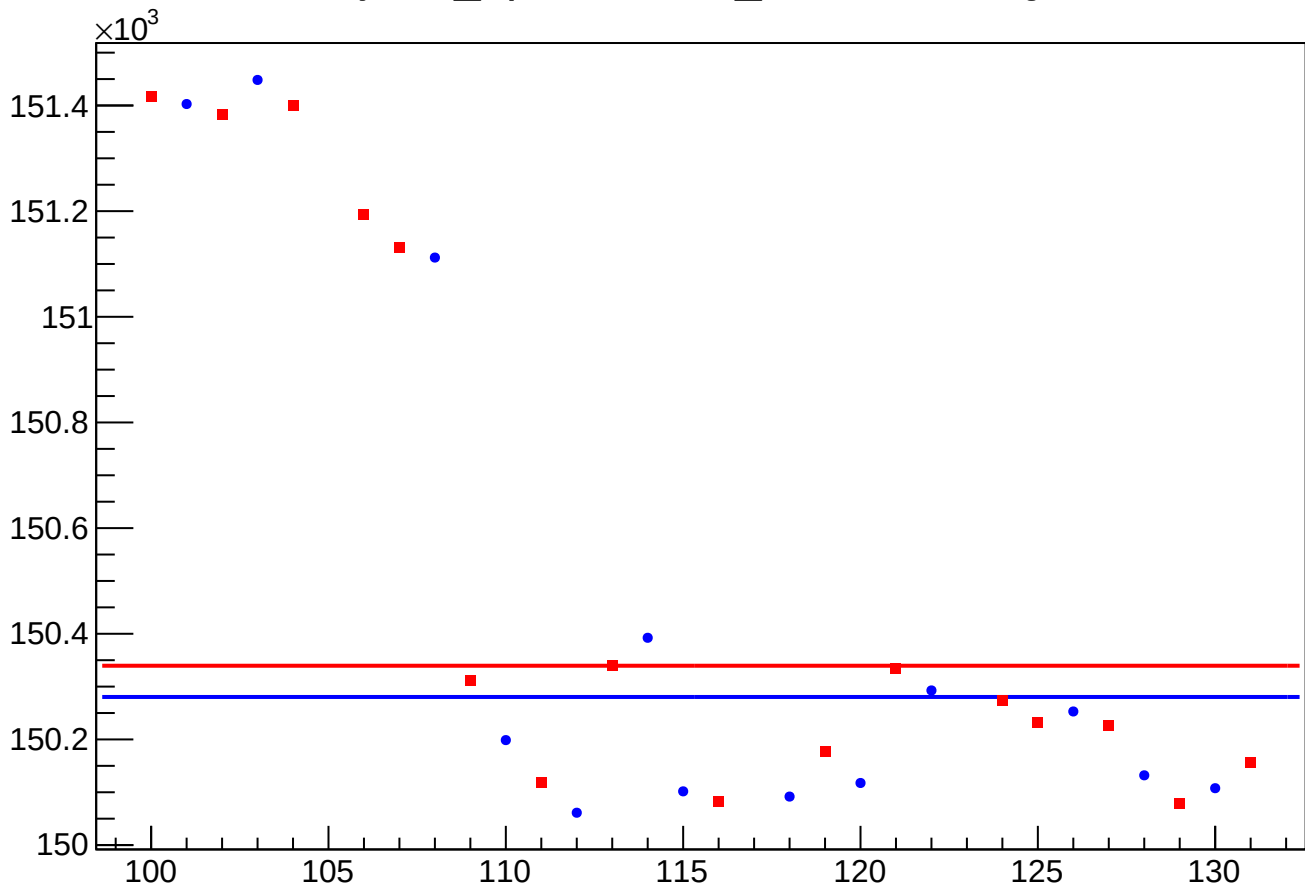
Right Out: 146.853+/-0.045 χ^2/NDF : 1412070.4/15

All: 149.300+/-0.033 χ^2/NDF : 2639442.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01WS_mean vs Slug



Right In: 150280.378 $\pm$ 0.061 χ^2 /NDF: 34381951.1/12

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

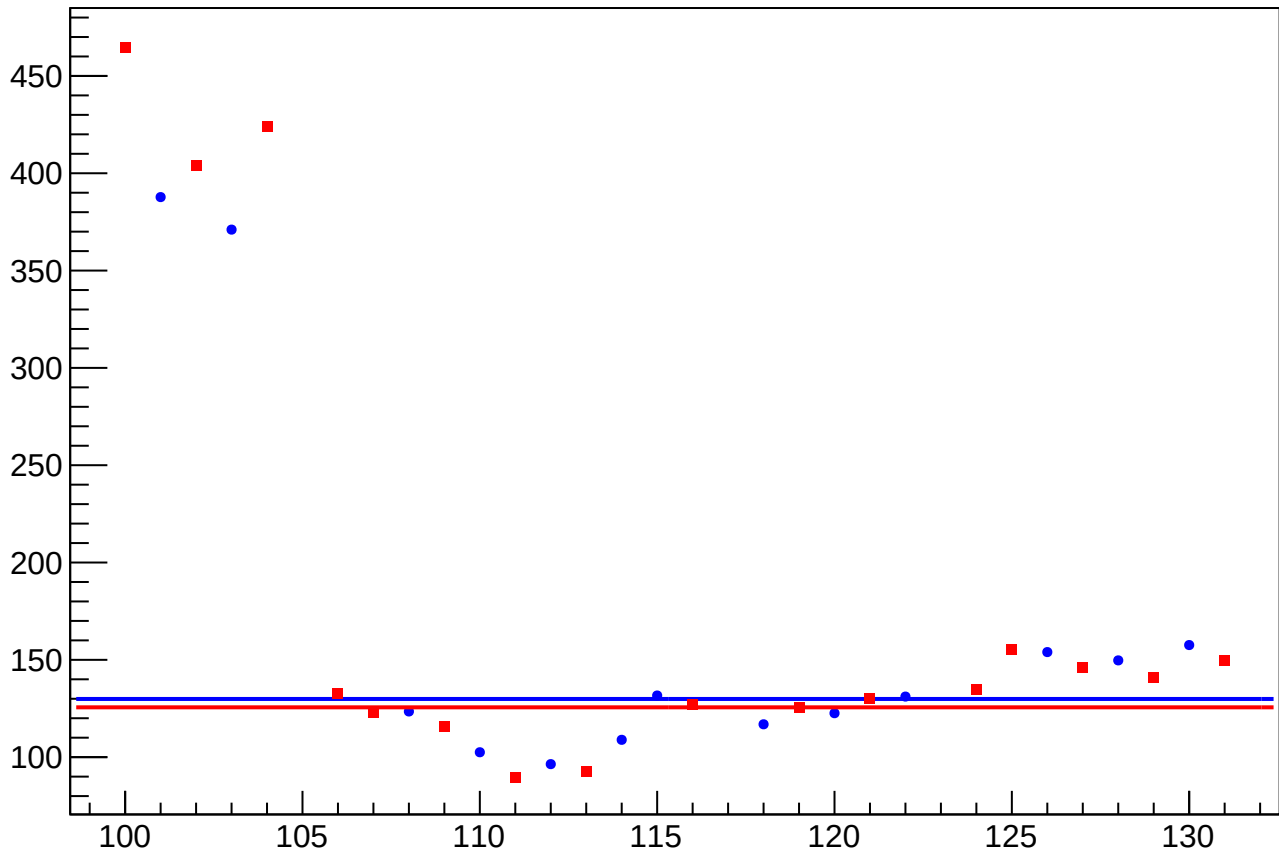
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 150339.499 $\pm$ 0.054 χ^2 /NDF: 38067721.9/15 All: 150313.226 $\pm$ 0.040 χ^2 /NDF: 72978219.

- 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: 129.901 $\pm$ 0.043 χ^2 /NDF: 1306228.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.600 $\pm$ 0.038 χ^2 /NDF: 1535220.6/15

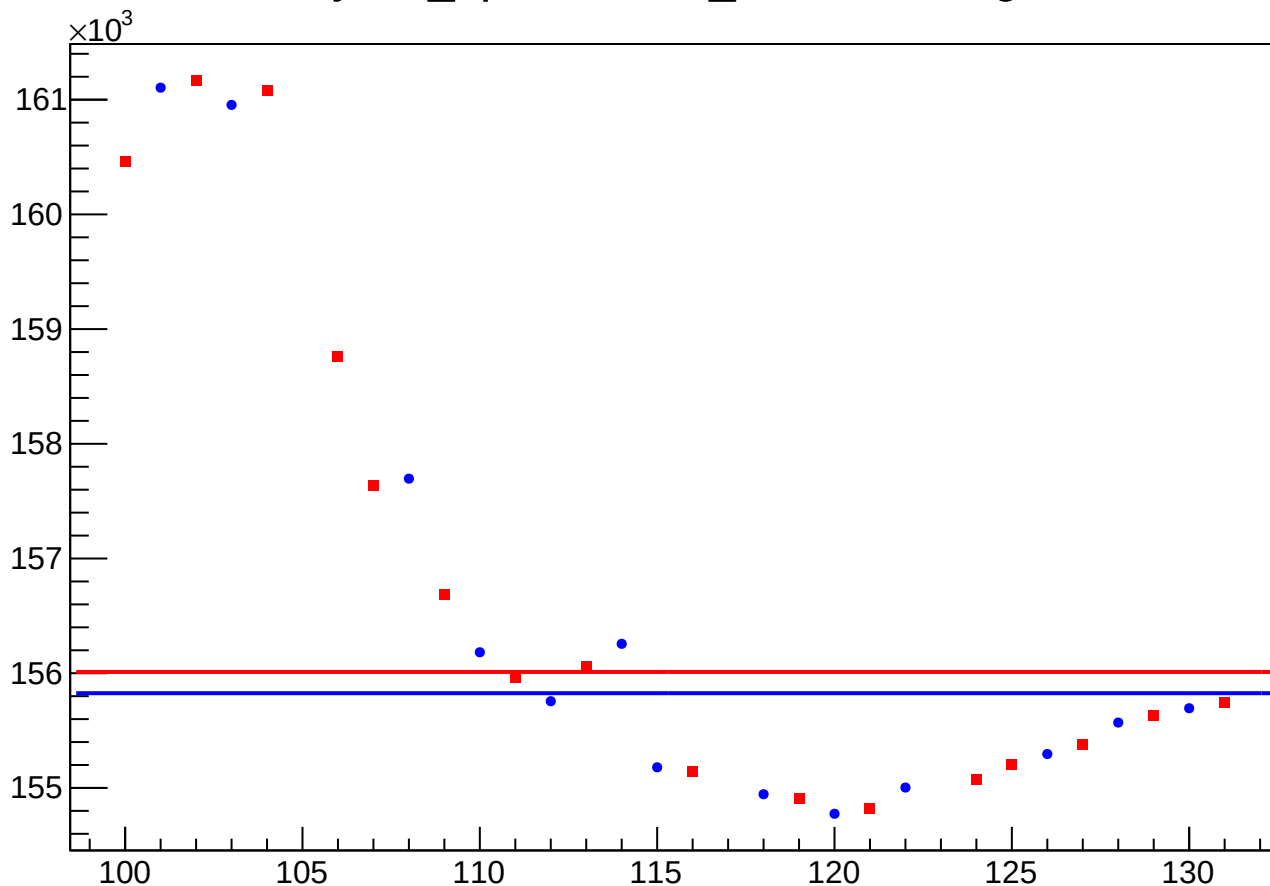
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 127.511 $\pm$ 0.029 χ^2 /NDF: 2847043.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm2i02WS_mean vs Slug



Right In: 155825.877 $\pm$ 0.063 χ^2 /NDF: 371091352.6/12

+ 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

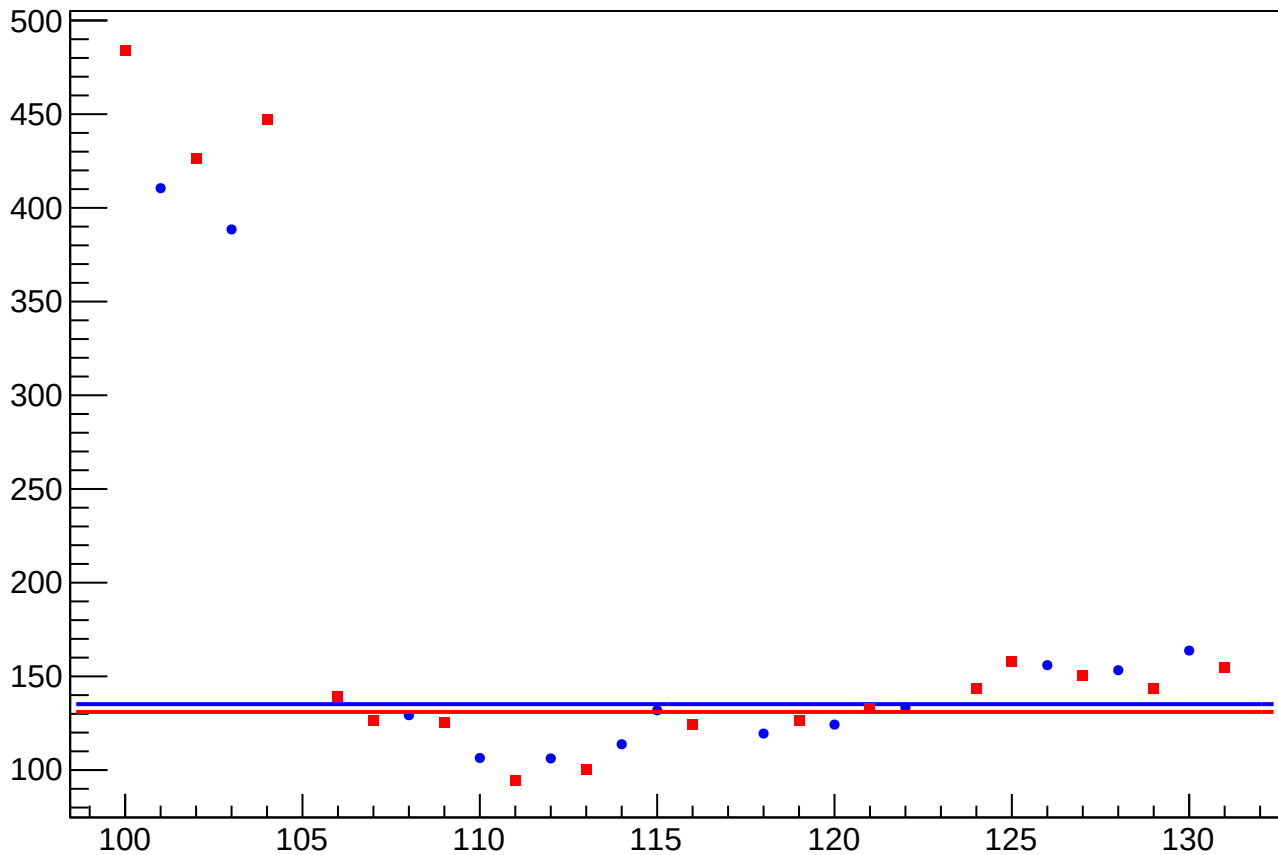
Right Out: 156011.146 $\pm$ 0.056 χ^2 /NDF: 463429012.2/15

All: 155928.654 $\pm$ 0.042 χ^2 /NDF: 839316170

- 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: 135.173+/-0.045 χ^2/NDF : 1277882.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

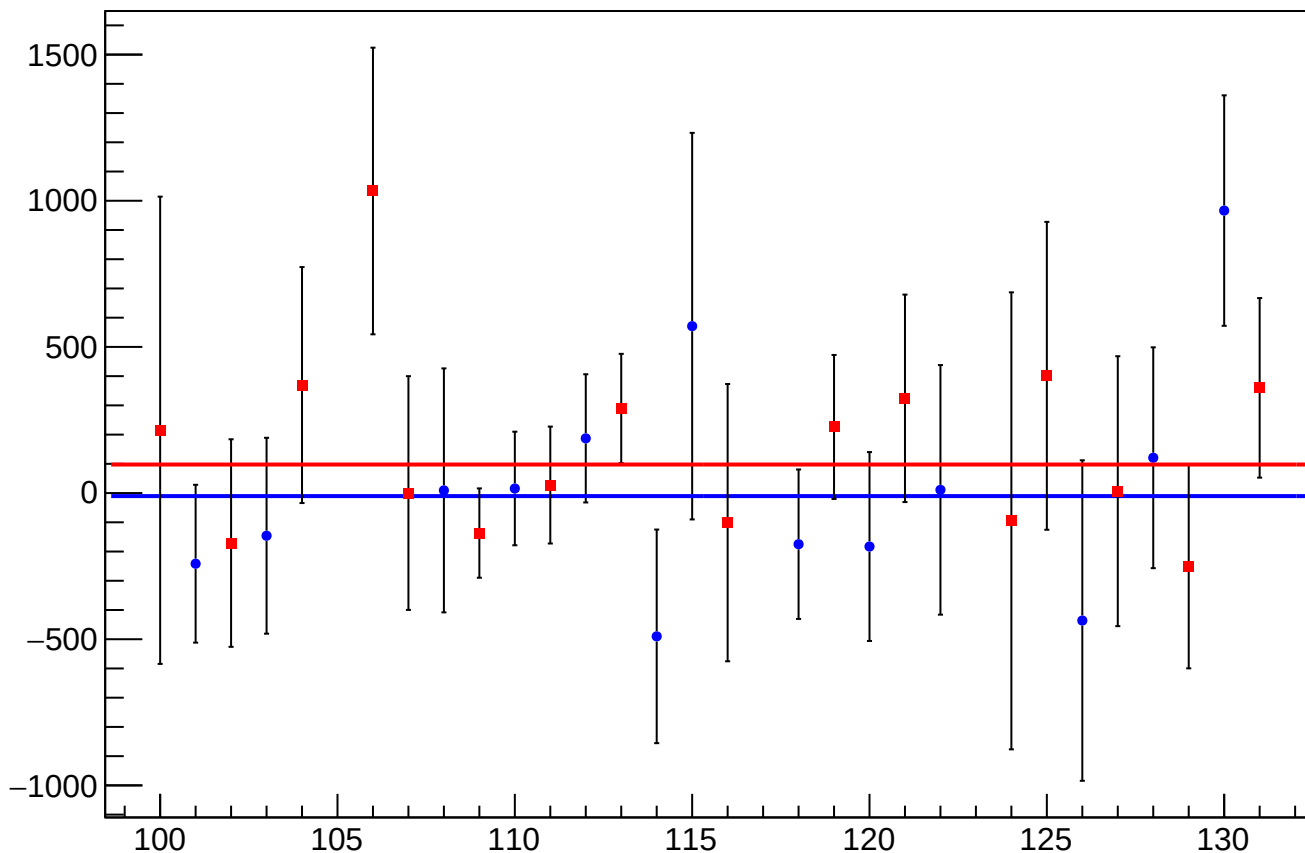
Right Out: 131.031+/-0.040 χ^2/NDF : 1496488.8/15

All: 132.875+/-0.030 χ^2/NDF : 2779167.9/28

- 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_target_mean vs Slug



Right In: -10.353+/-86.850 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.651+/-74.510 χ^2/NDF : 11.3/15

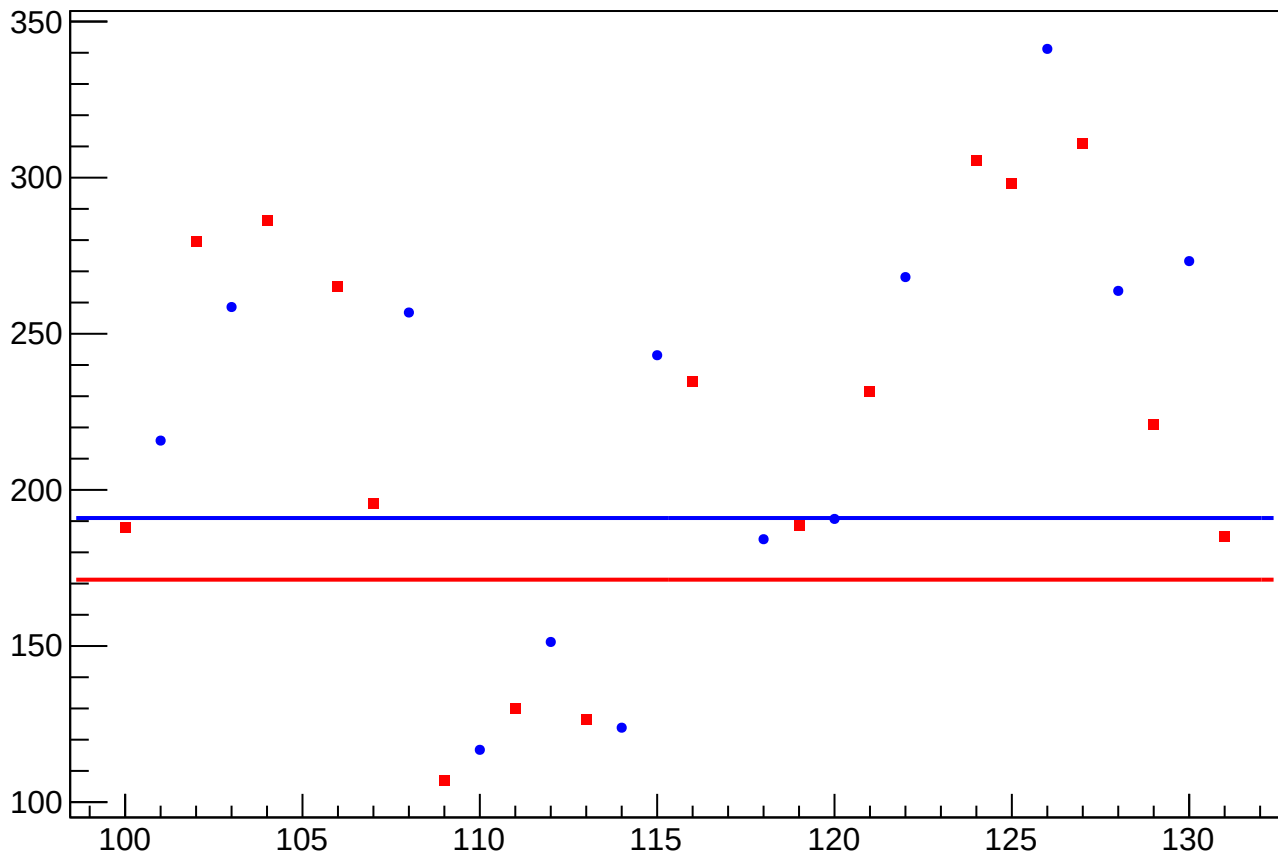
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.861+/-56.551 χ^2/NDF : 24.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_target_rms vs Slug



Right In: 190.991+/-0.061 χ^2/NDF : 963731.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.247+/-0.053 χ^2/NDF : 1493321.4/15

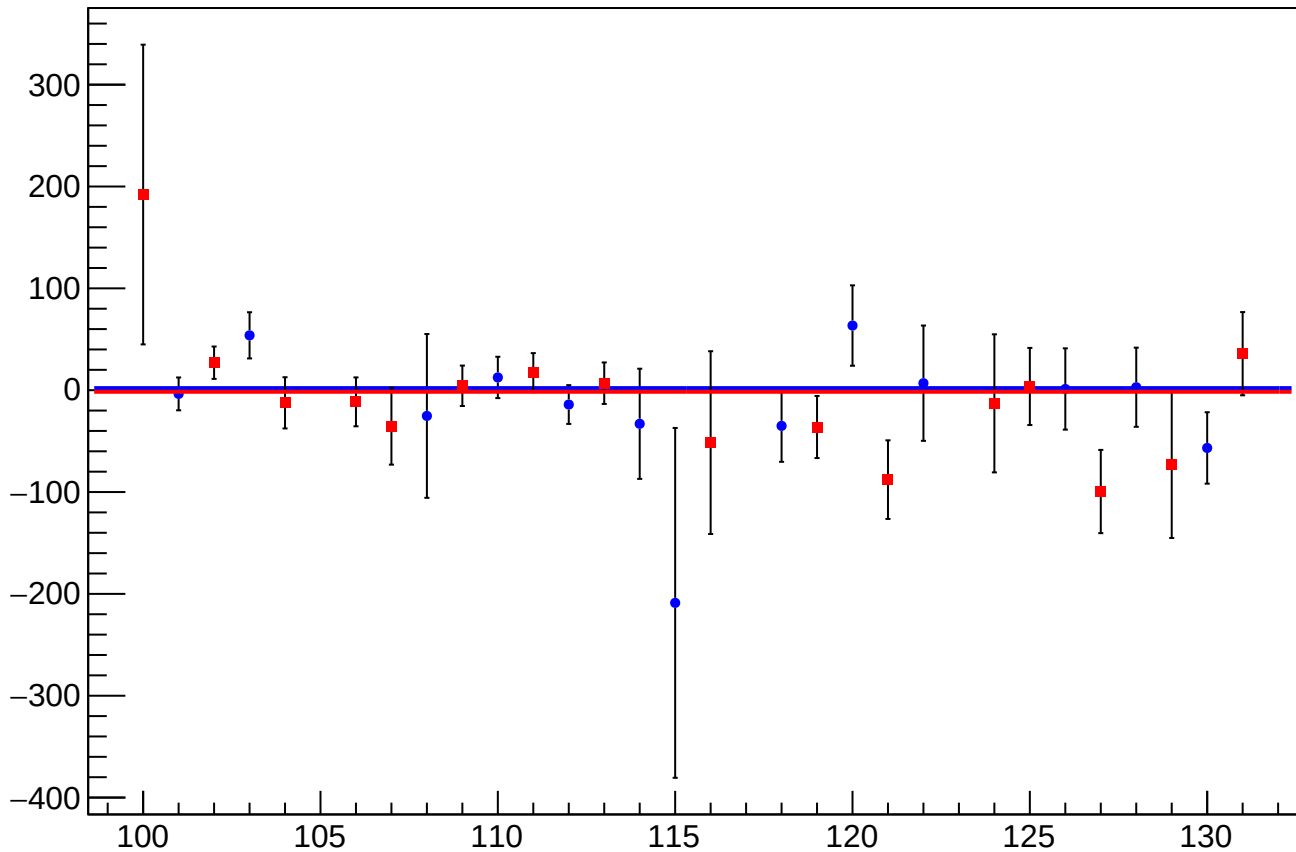
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.618+/-0.040 χ^2/NDF : 2516592.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_diff_mean vs Slug



Right In: 2.044+/-8.067 χ^2/NDF : 14.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.533+/-7.092 χ^2/NDF : 21.6/15

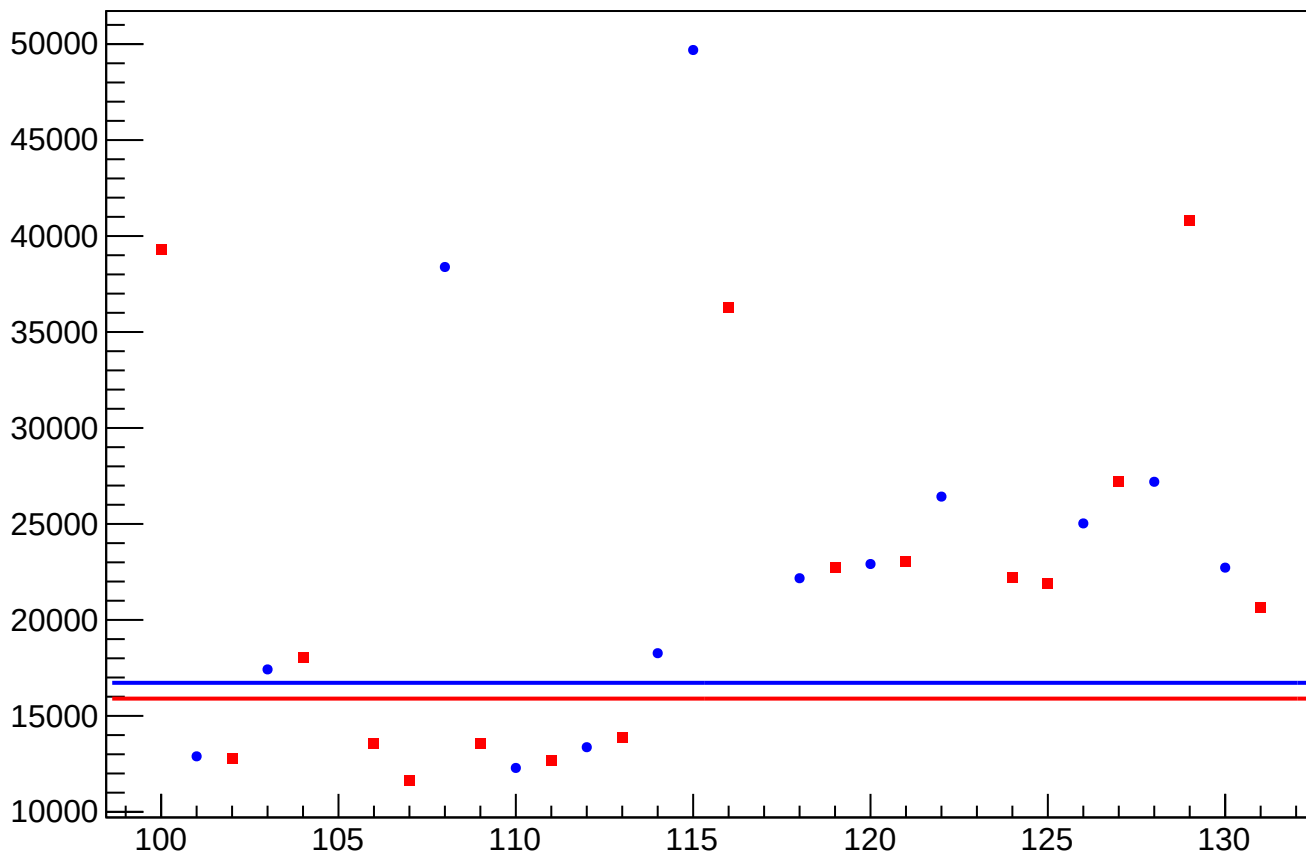
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.026+/-5.326 χ^2/NDF : 36.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_diff_rms vs Slug



Right In: 16723.236+/-5.704 χ^2/NDF : 938812.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15900.600+/-5.015 χ^2/NDF : 1052819.5/15

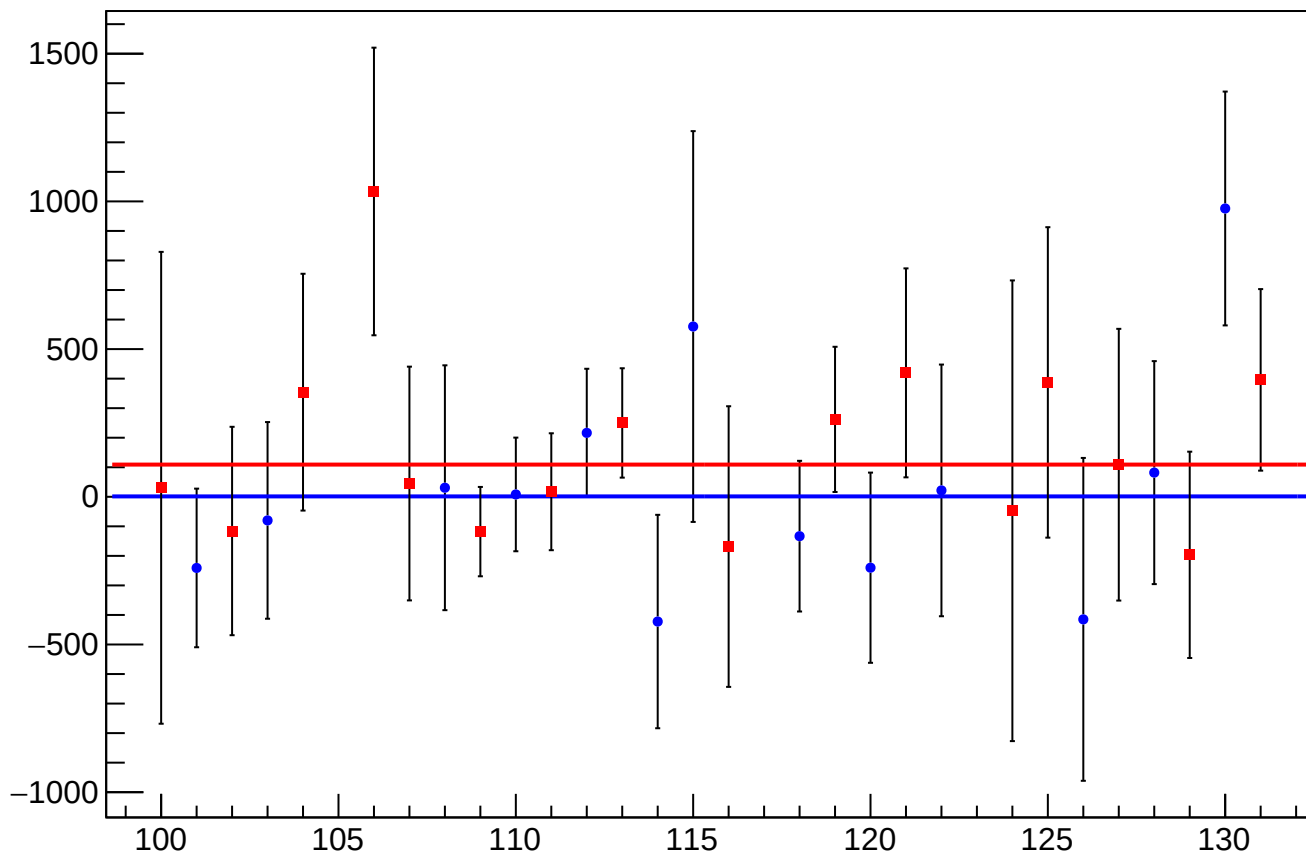
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16259.225+/-3.766 χ^2/NDF : 2003364.6/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_ds_mean vs Slug



Right In: 1.331+/-86.321 χ^2/NDF : 11.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.033+/-73.996 χ^2/NDF : 10.9/15

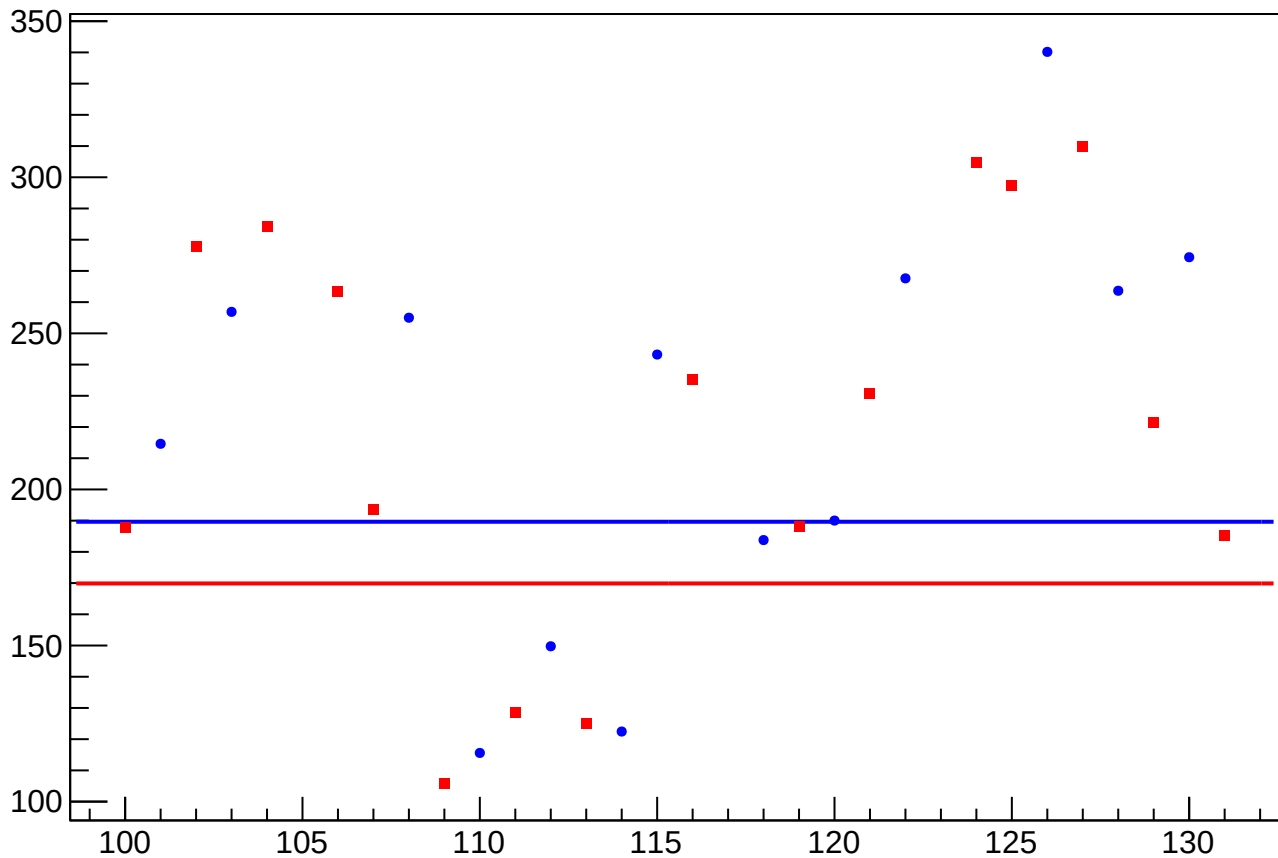
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.413+/-56.180 χ^2/NDF : 23.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_ds_rms vs Slug



Right In: 189.650+/-0.061 χ^2/NDF : 983308.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.890+/-0.052 χ^2/NDF : 1515176.2/15

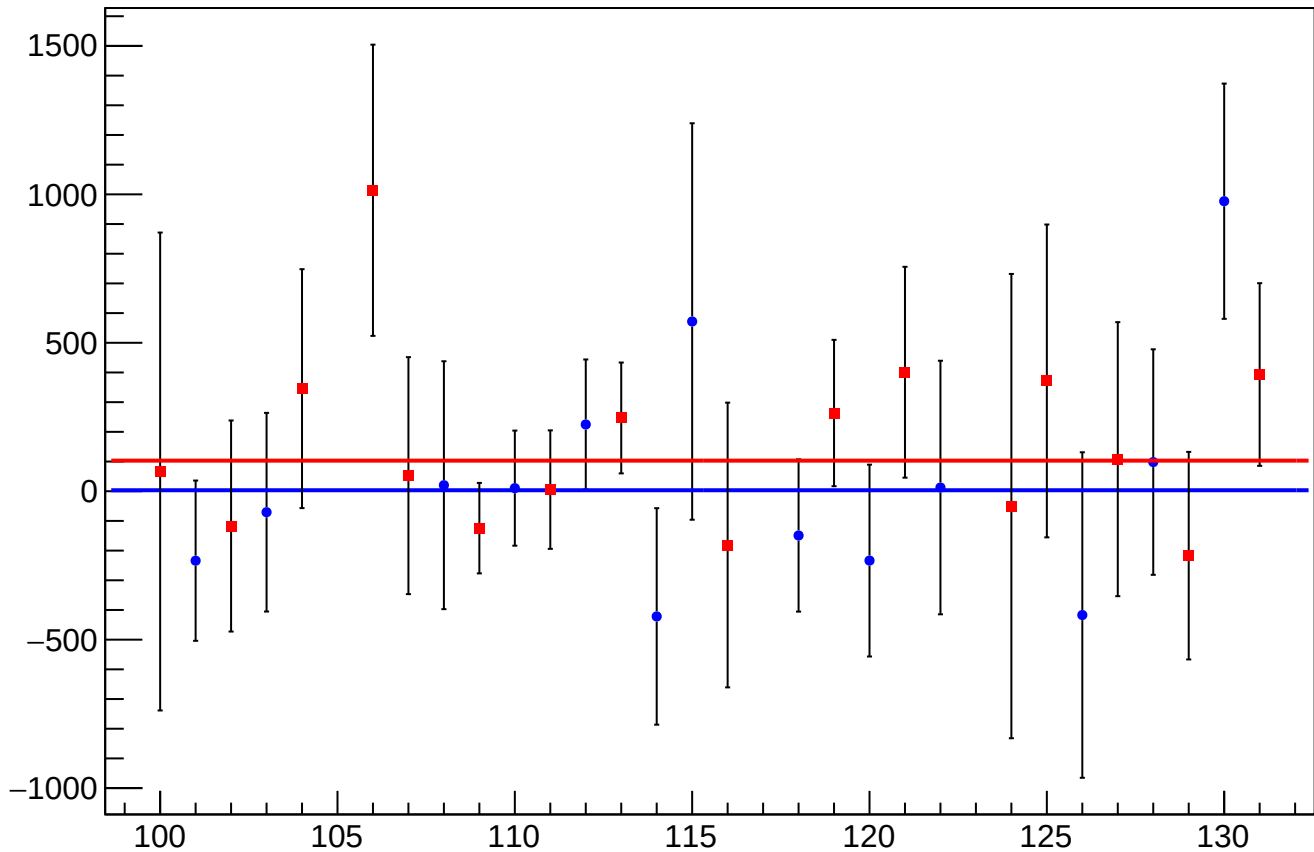
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.259+/-0.040 χ^2/NDF : 2558897.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_ds3_mean vs Slug



Right In: 3.305+/-86.863 χ^2 /NDF: 11.5/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 103.029+/-74.465 χ^2 /NDF: 10.8/15

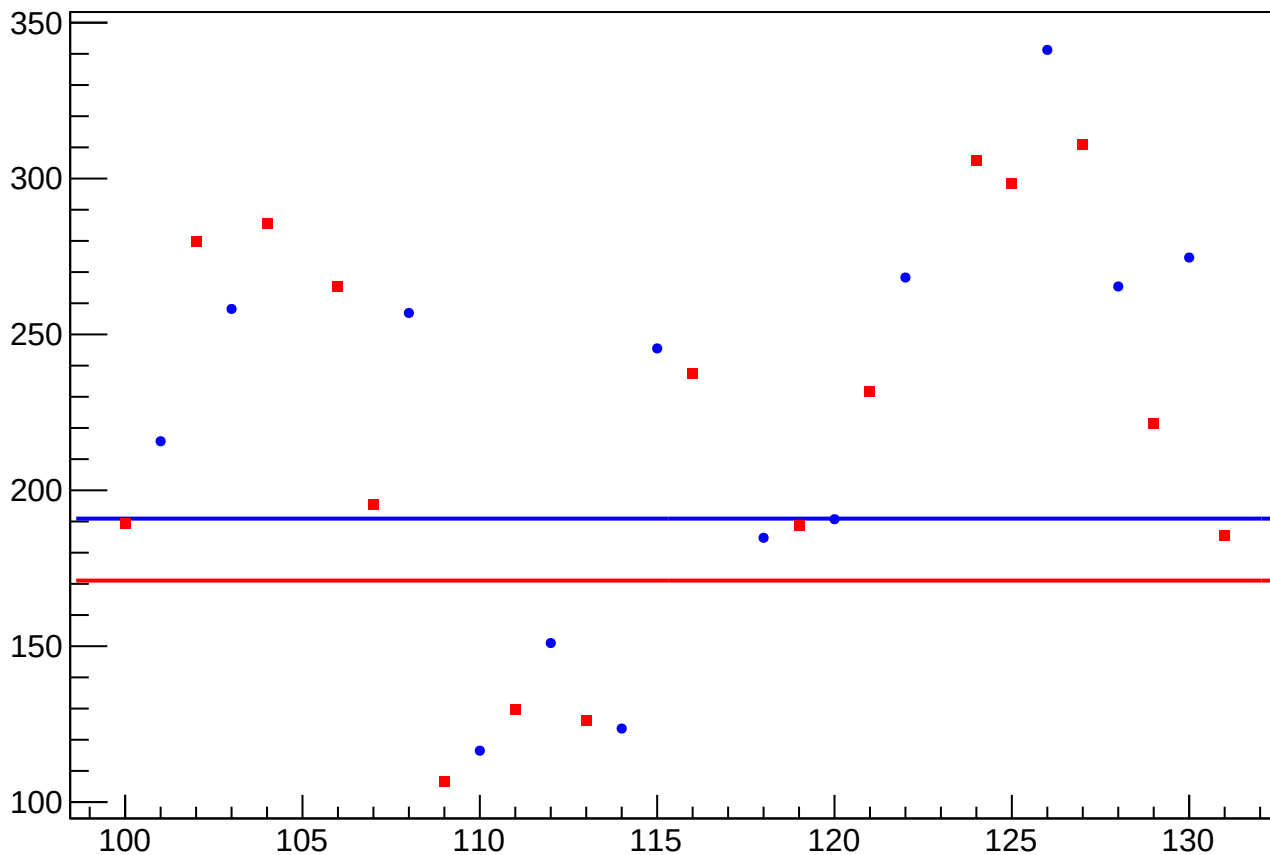
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 60.786+/-56.535 χ^2 /NDF: 23.0/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_ds3_rms vs Slug



Right In: 190.927+/-0.061 χ^2/NDF : 974004.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.053+/-0.053 χ^2/NDF : 1503760.3/15

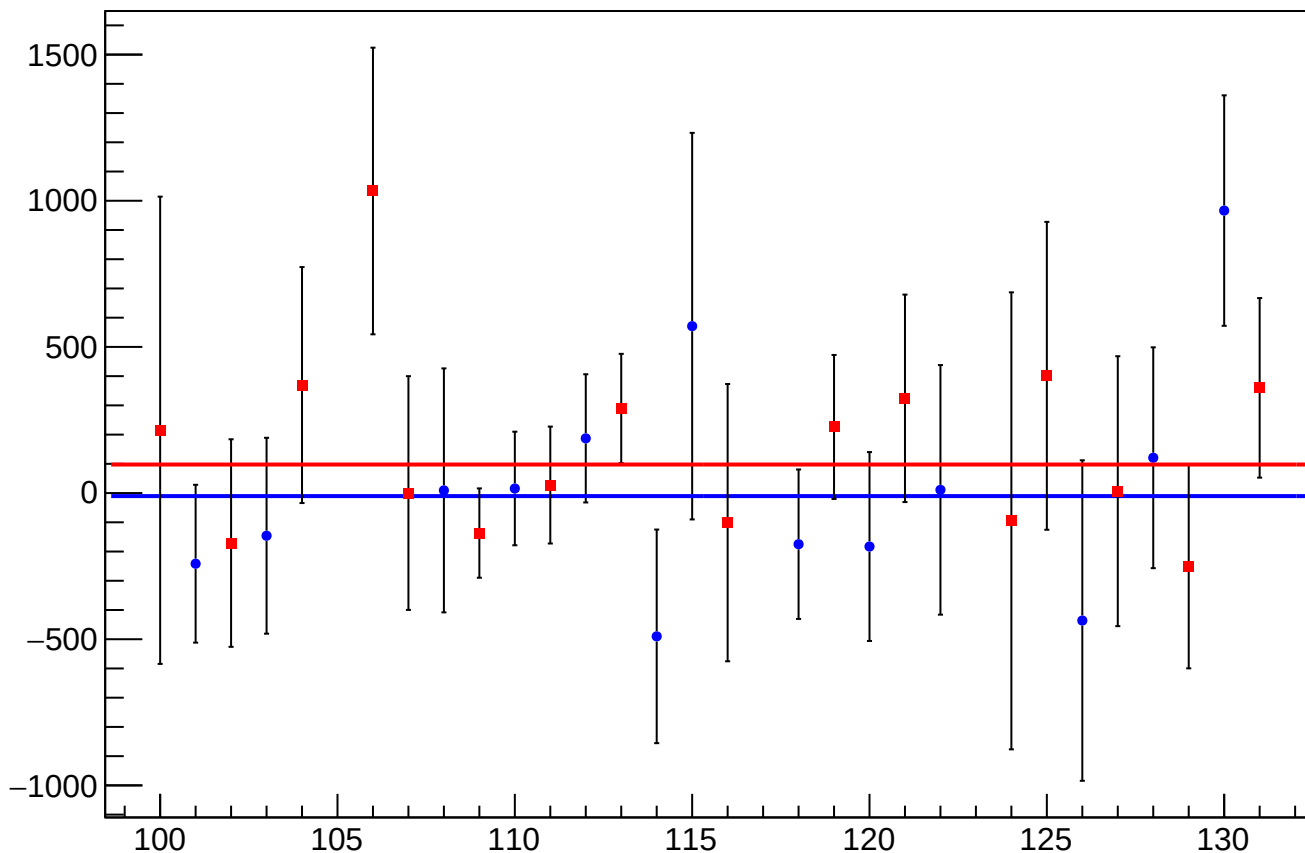
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.472+/-0.040 χ^2/NDF : 2538111.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_mean vs Slug



Right In: -10.353+/-86.850 χ^2 /NDF: 11.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 97.651+/-74.510 χ^2 /NDF: 11.3/15

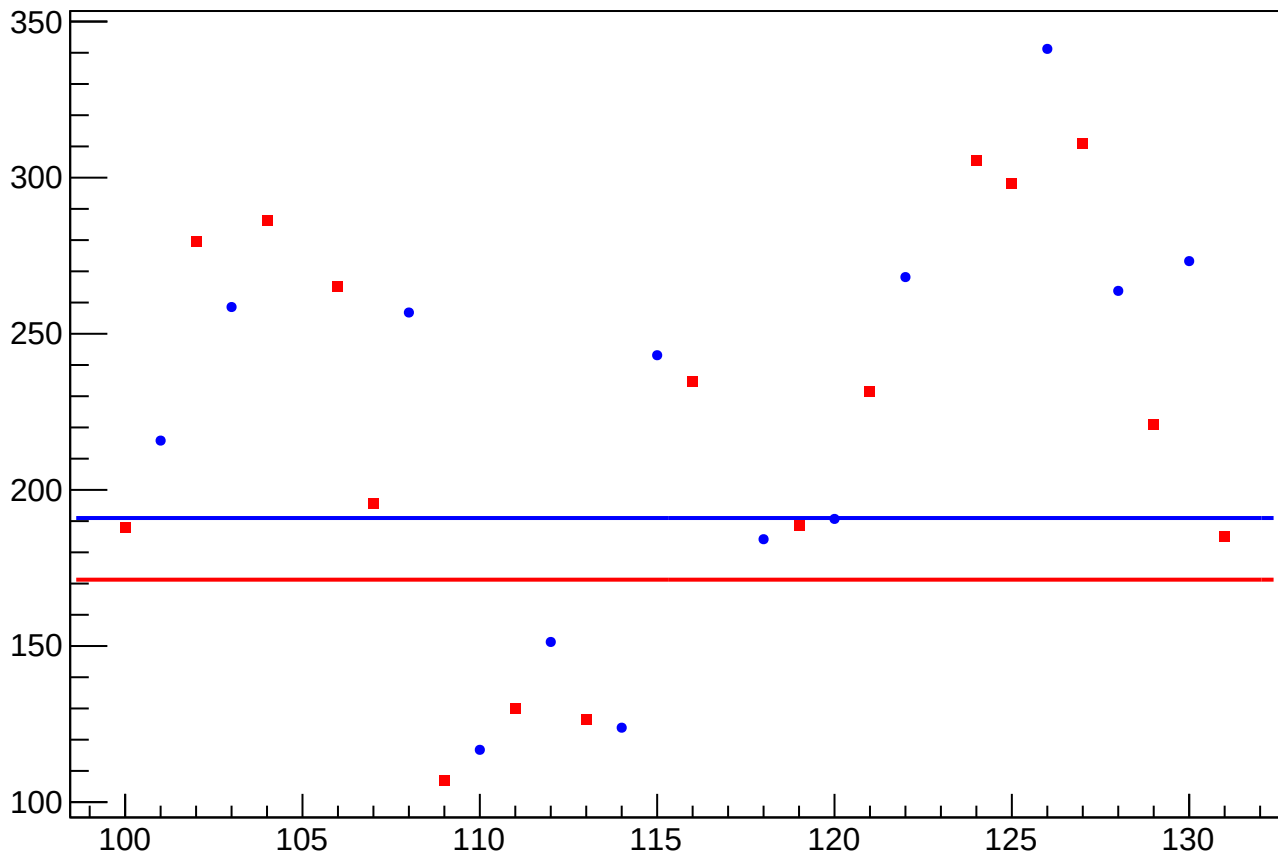
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 51.861+/-56.551 χ^2 /NDF: 24.0/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_rms vs Slug



Right In: 190.991 ± 0.061 $\chi^2/\text{NDF}: 963731.5/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 171.247 ± 0.053 $\chi^2/\text{NDF}: 1493321.4/15$

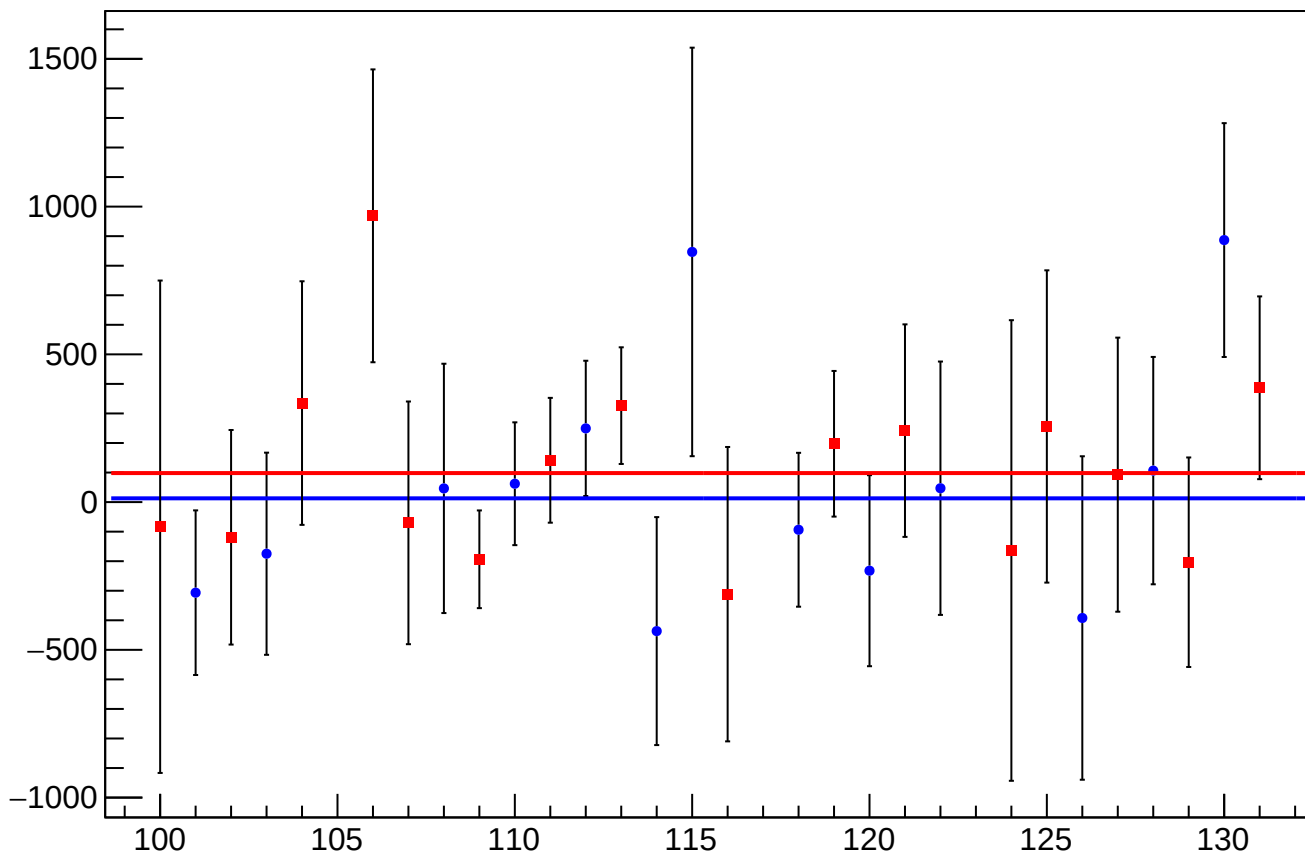
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 179.618 ± 0.040 $\chi^2/\text{NDF}: 2516592.3/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_bcm_dg_us_mean vs Slug



Right In: 12.732 $\pm$ 89.677 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 98.228 $\pm$ 77.595 χ^2 /NDF: 11.3/15

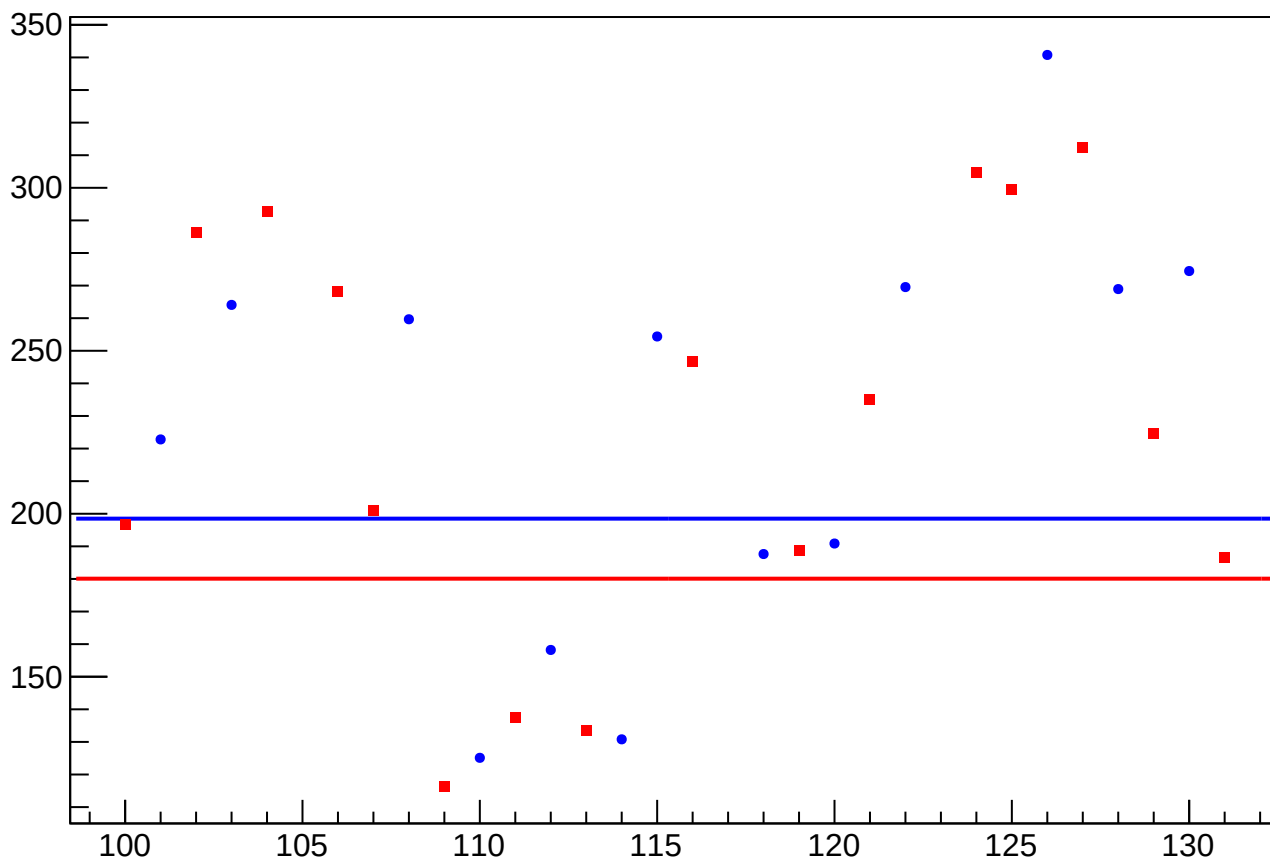
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 61.623 $\pm$ 58.678 χ^2 /NDF: 23.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_rms vs Slug



Right In: 198.501+/-0.063 χ^2/NDF : 852147.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 180.082+/-0.055 χ^2/NDF : 1311474.3/15

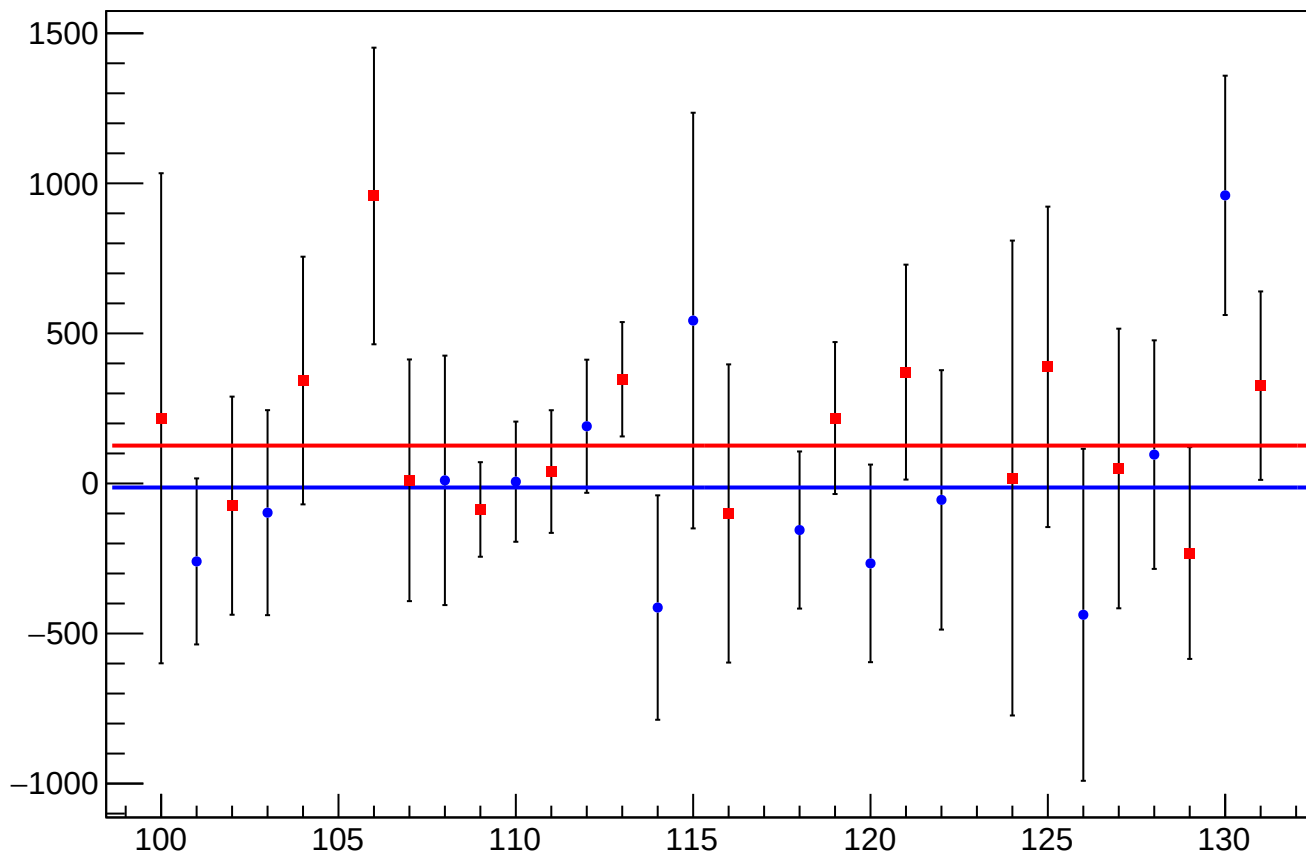
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.968+/-0.041 χ^2/NDF : 2211871.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_mean vs Slug



Right In: -13.445+/-88.537 χ^2/NDF : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.192+/-76.174 χ^2/NDF : 9.4/15

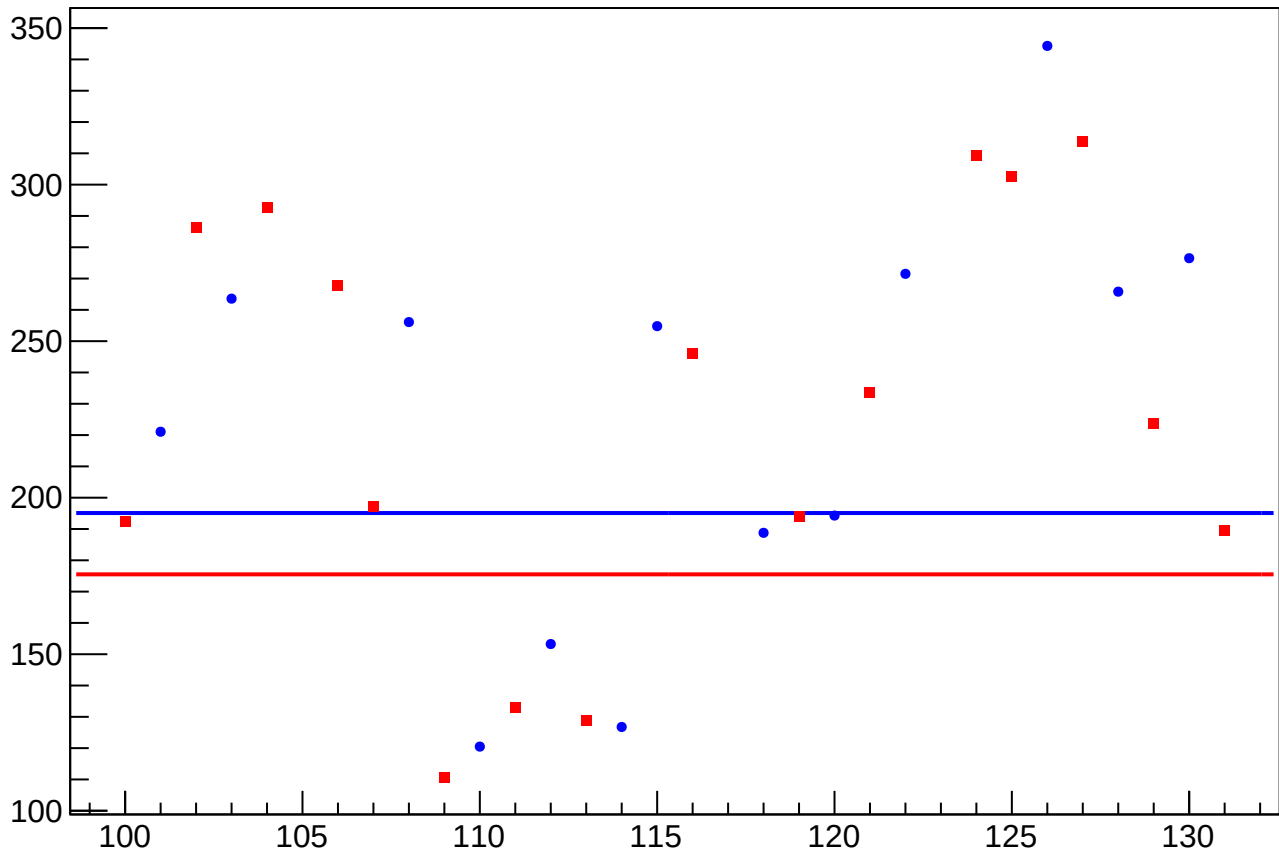
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.795+/-57.744 χ^2/NDF : 21.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_rms vs Slug



Right In: 195.102 $\pm$ 0.063 χ^2 /NDF: 933326.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 175.513 $\pm$ 0.054 χ^2 /NDF: 1460859.5/15

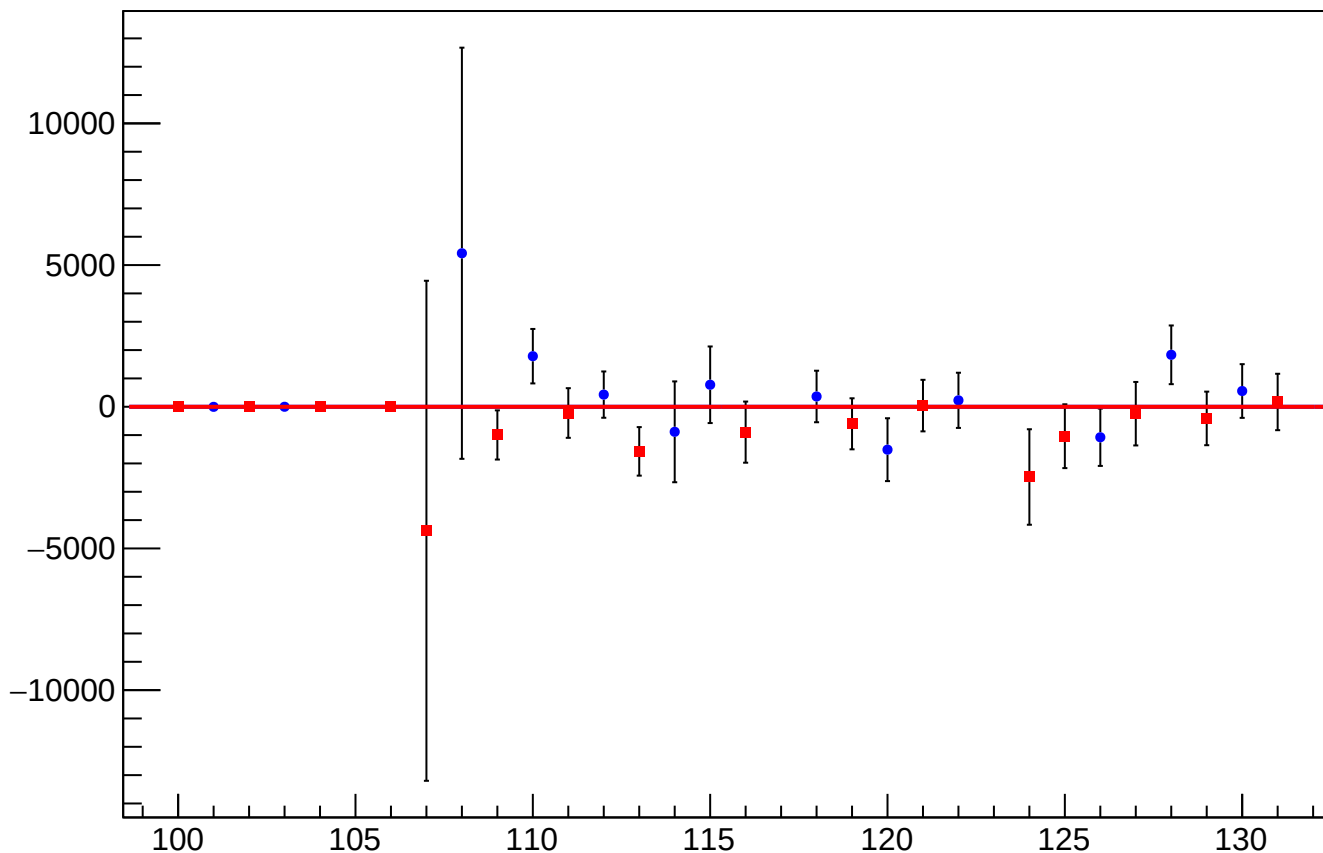
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 183.845 $\pm$ 0.041 χ^2 /NDF: 2450444.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_cav4bQ_mean vs Slug



Right In: -1.201+/-2.171 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.393+/-2.022 χ^2/NDF : 14.6/15

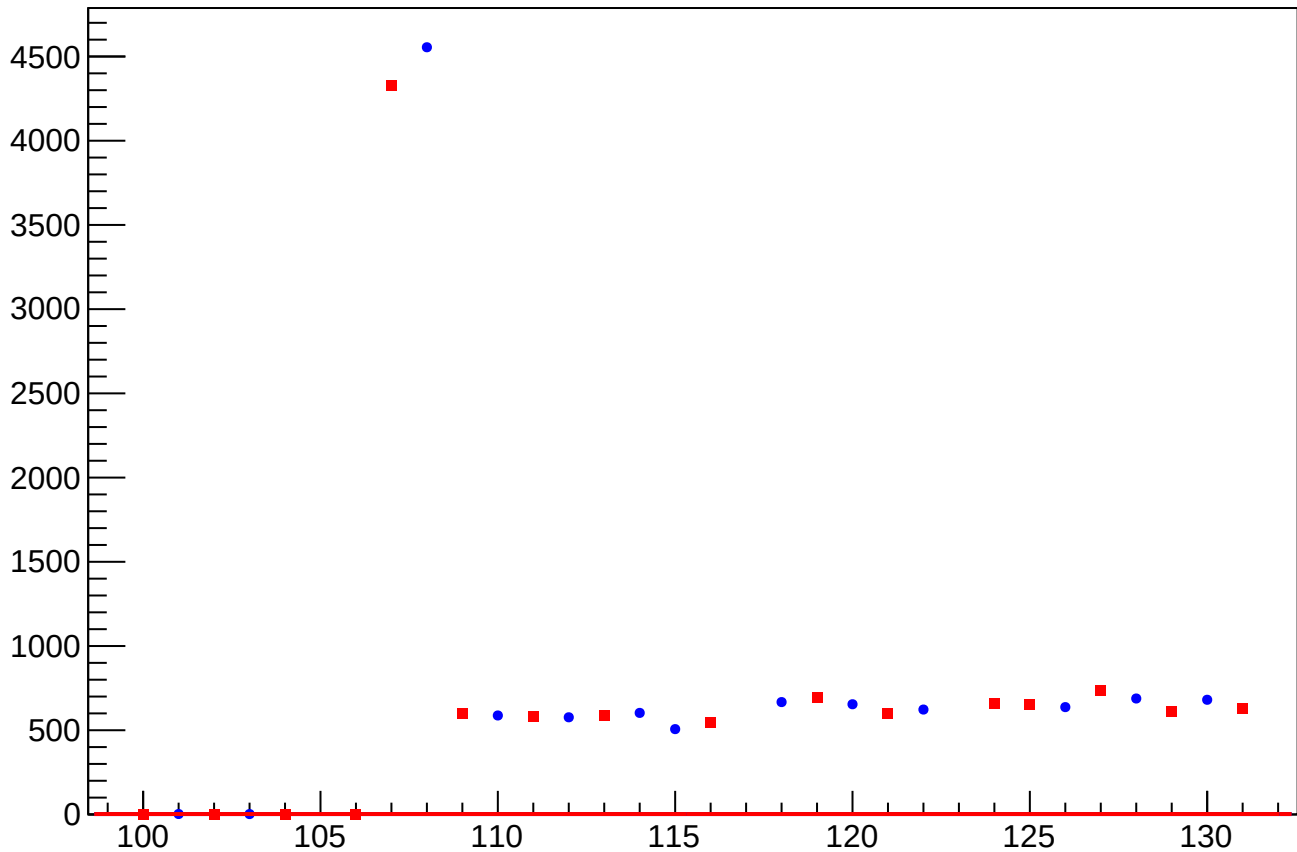
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.304+/-1.480 χ^2/NDF : 26.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_cav4bQ_rms vs Slug



Right In: 2.458+/-0.002 χ^2/NDF : 8299830.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.452+/-0.001 χ^2/NDF : 9258329.3/15

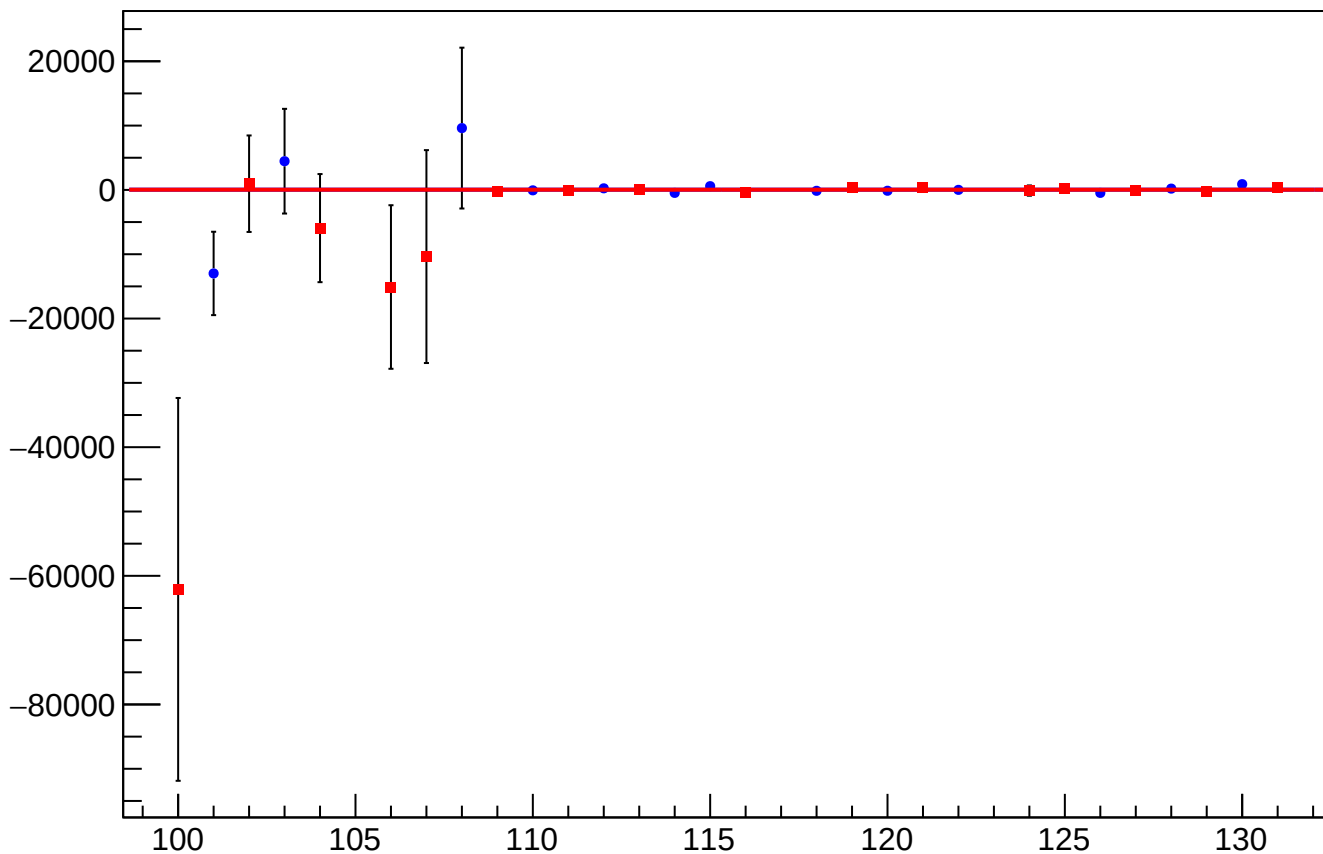
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.455+/-0.001 χ^2/NDF : 17558169.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_cav4cQ_mean vs Slug



Right In: 34.398+/-102.536 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.493+/-91.132 χ^2/NDF : 12.1/15

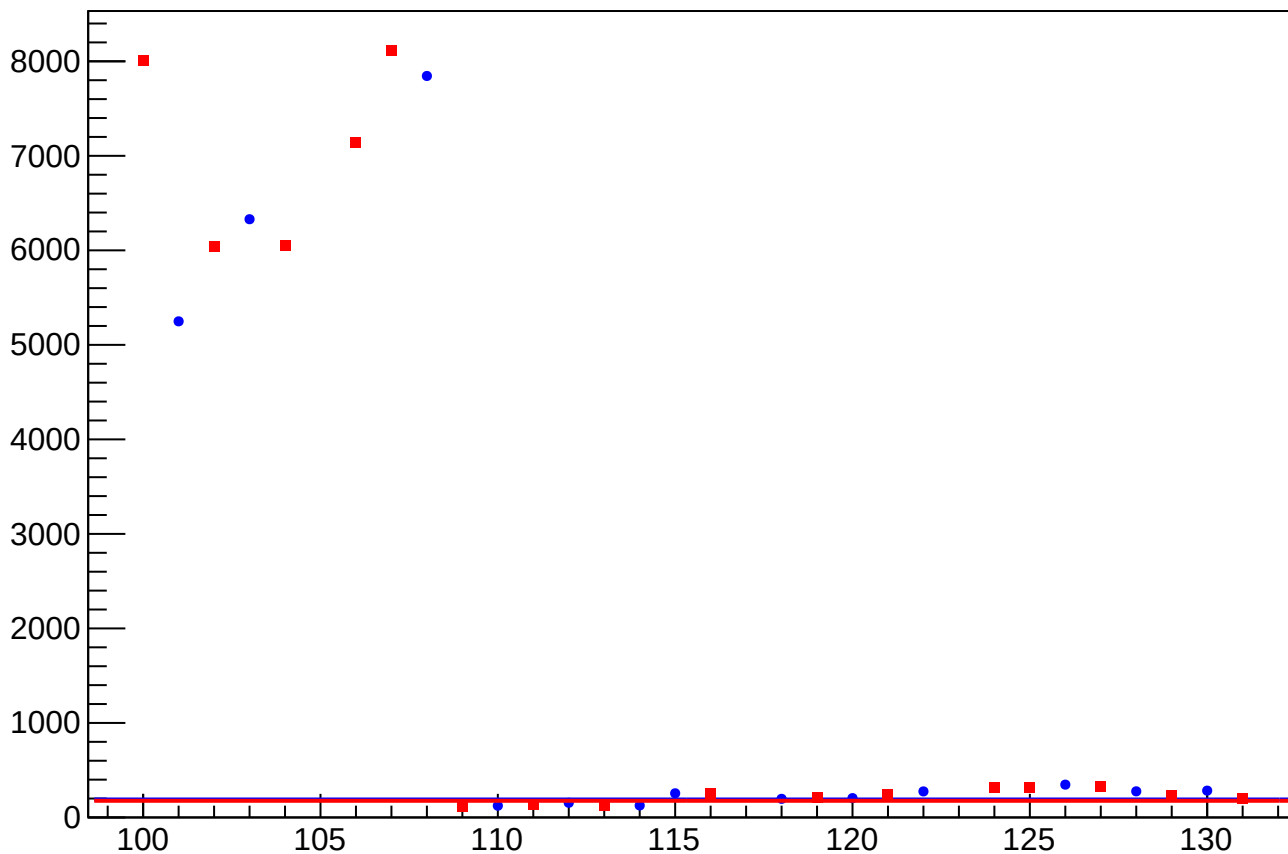
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.775+/-68.117 χ^2/NDF : 26.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_cav4cQ_rms vs Slug



Right In: 190.037+/-0.073 χ^2/NDF : 3870202.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.517+/-0.064 χ^2/NDF : 4278773.3/15

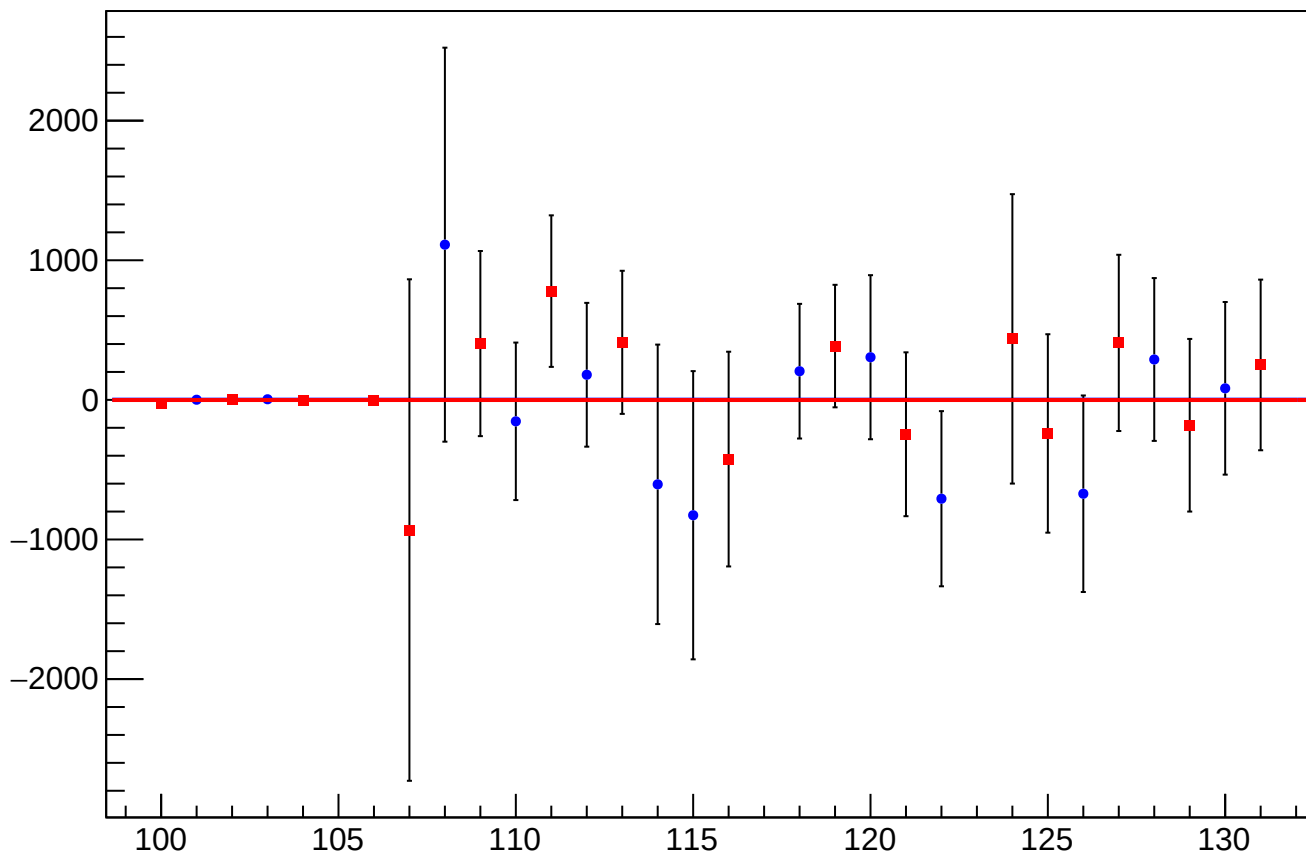
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.483+/-0.048 χ^2/NDF : 8168404.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_cav4dQ_mean vs Slug



Right In: 1.441 $\pm$ 1.660 χ^2 /NDF: 5.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.098 $\pm$ 1.528 χ^2 /NDF: 8.1/15

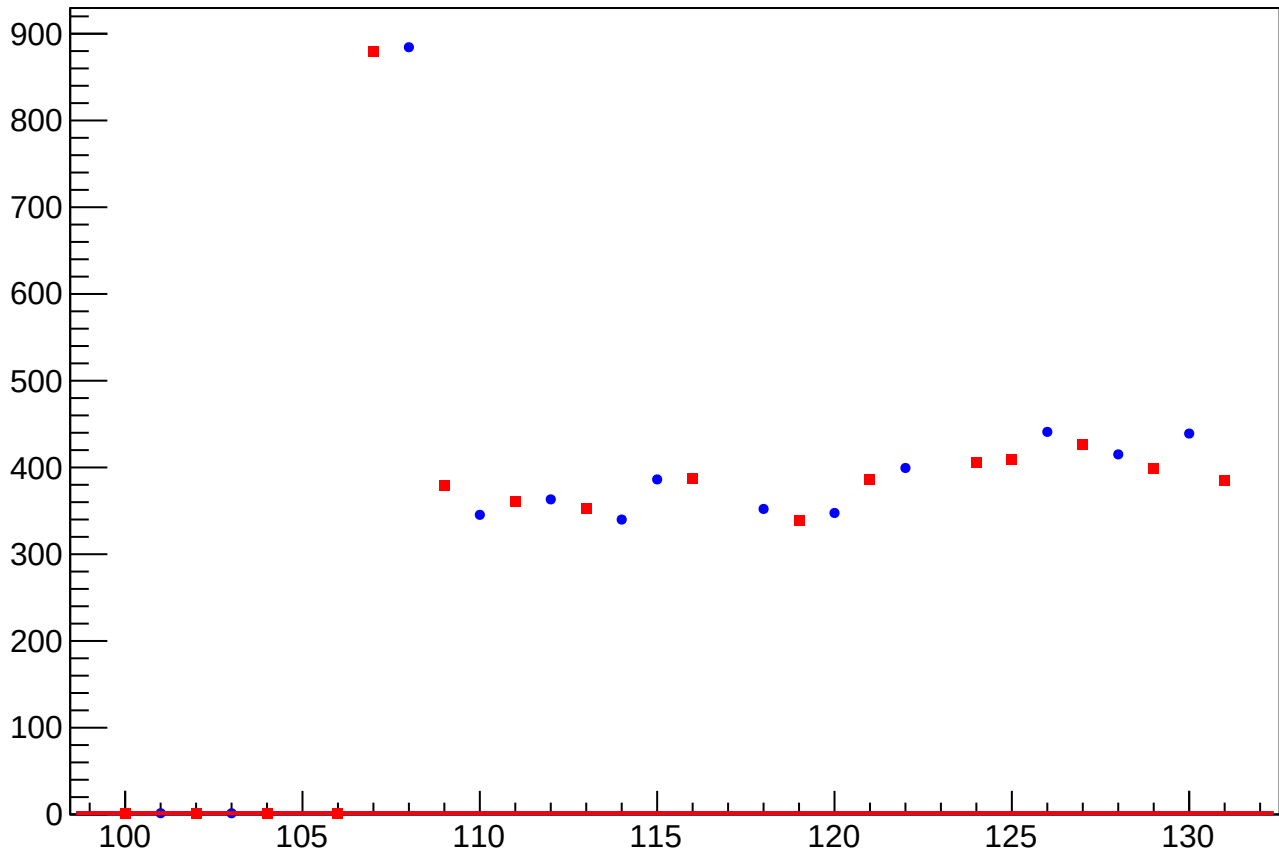
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.066 $\pm$ 1.124 χ^2 /NDF: 14.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_cav4dQ_rms vs Slug



Right In: 1.458+/-0.001 χ^2/NDF : 8365271.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.460+/-0.001 χ^2/NDF : 8967778.7/15

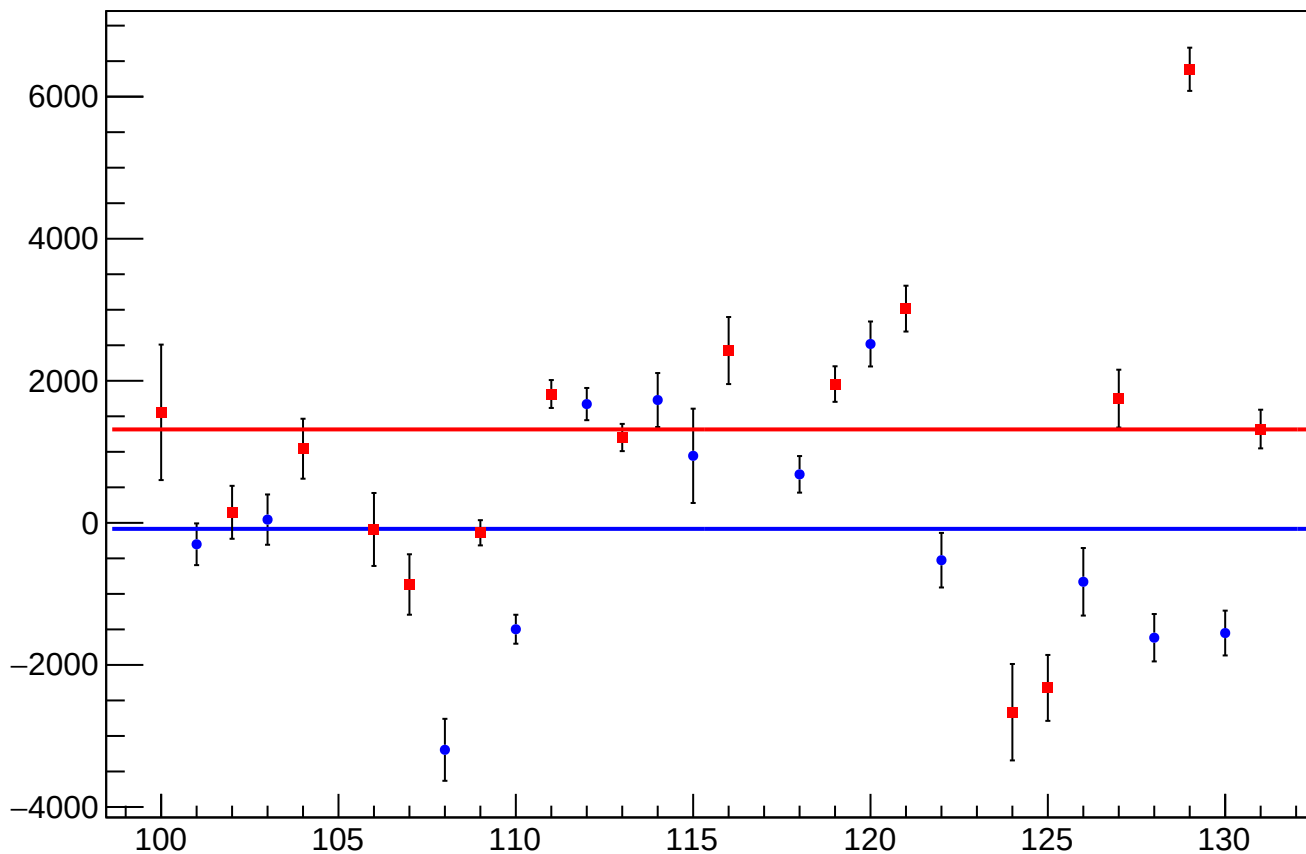
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.459+/-0.001 χ^2/NDF : 17333051.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm0l02_mean vs Slug



Right In: -84.538 ± 86.757 χ^2/NDF : 307.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1315.479 ± 75.526 χ^2/NDF : 532.8/15

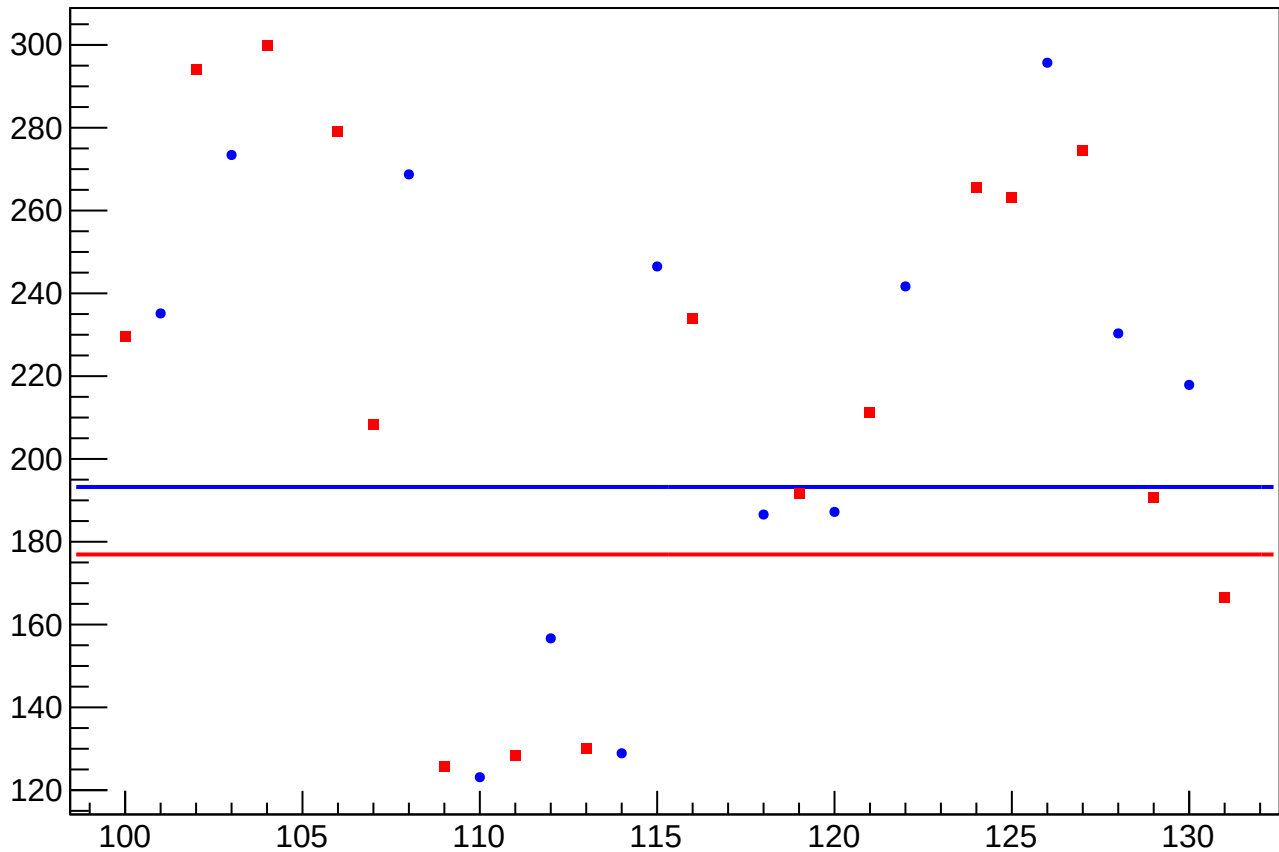
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 711.894 ± 56.965 χ^2/NDF : 988.8/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm0l02_rms vs Slug



Right In: 193.231 ± 0.061 χ^2/NDF : 725856.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 176.928 ± 0.053 χ^2/NDF : 1156167.6/15

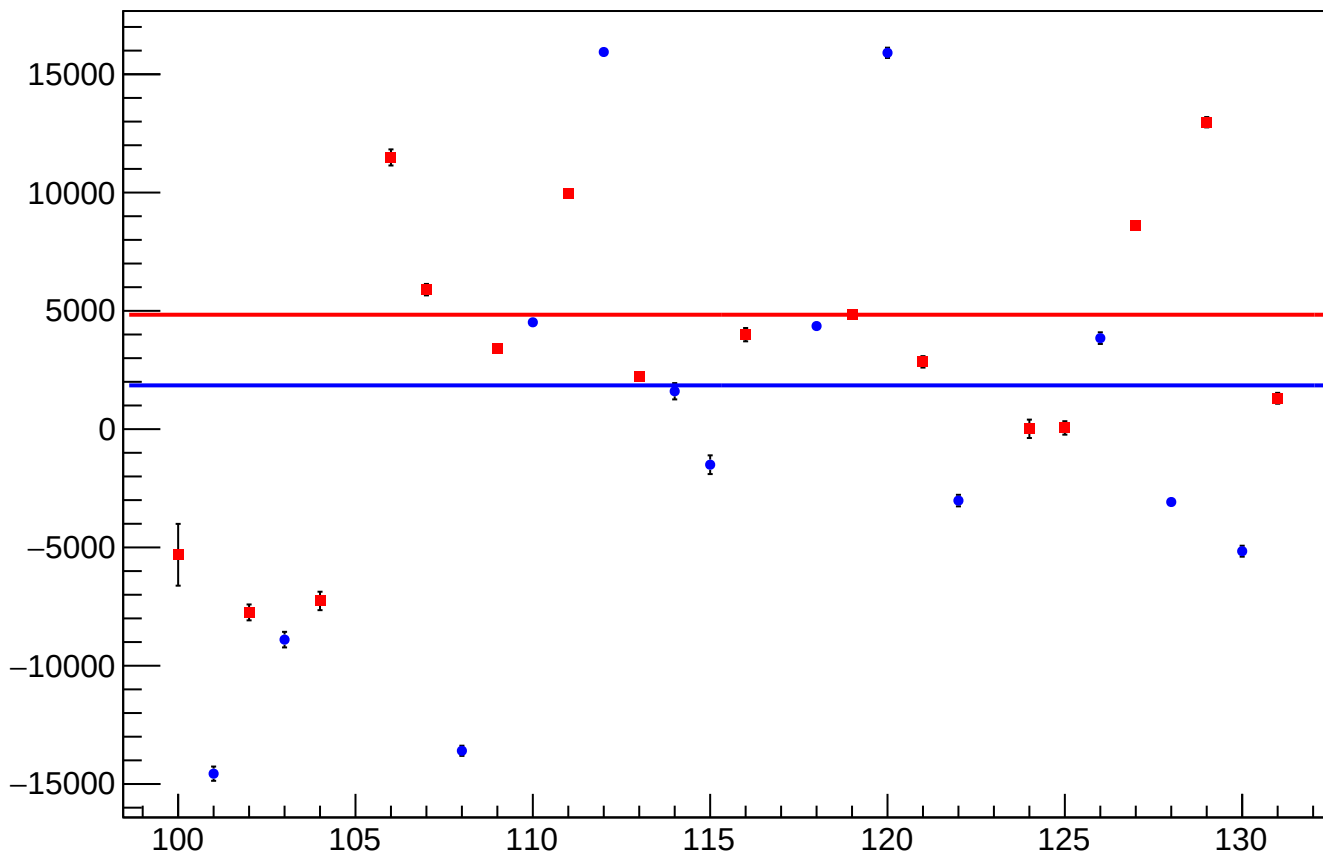
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 183.957 ± 0.040 χ^2/NDF : 1922199.5/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0i02WS_mean vs Slug



Right In: 1849.663+/-62.303 χ^2/NDF : 22516.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4836.010+/-57.250 χ^2/NDF : 6720.4/15

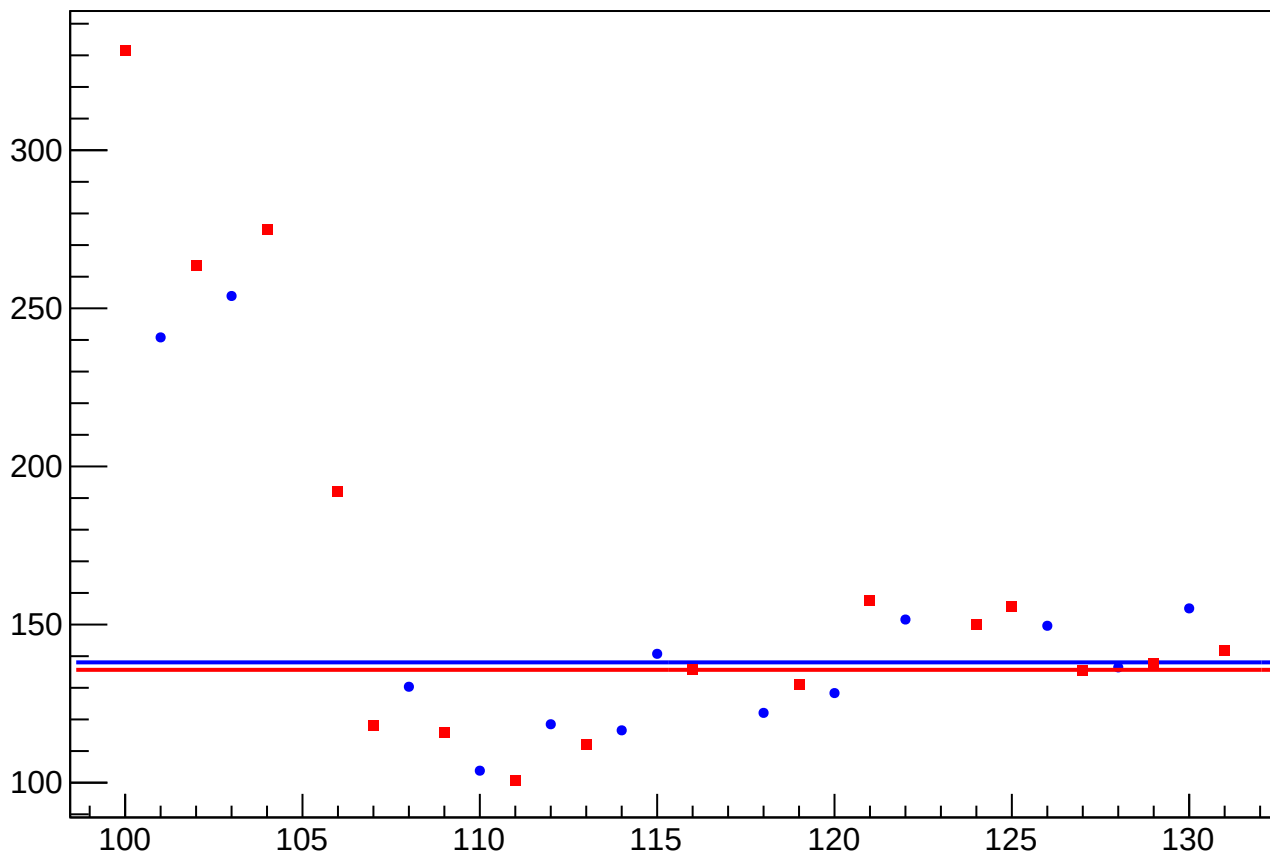
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3468.848+/-42.155 χ^2/NDF : 30482.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02WS_rms vs Slug



Right In: 138.048 $\pm$ 0.044 χ^2 /NDF: 637972.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 135.684 $\pm$ 0.040 χ^2 /NDF: 859108.8/15

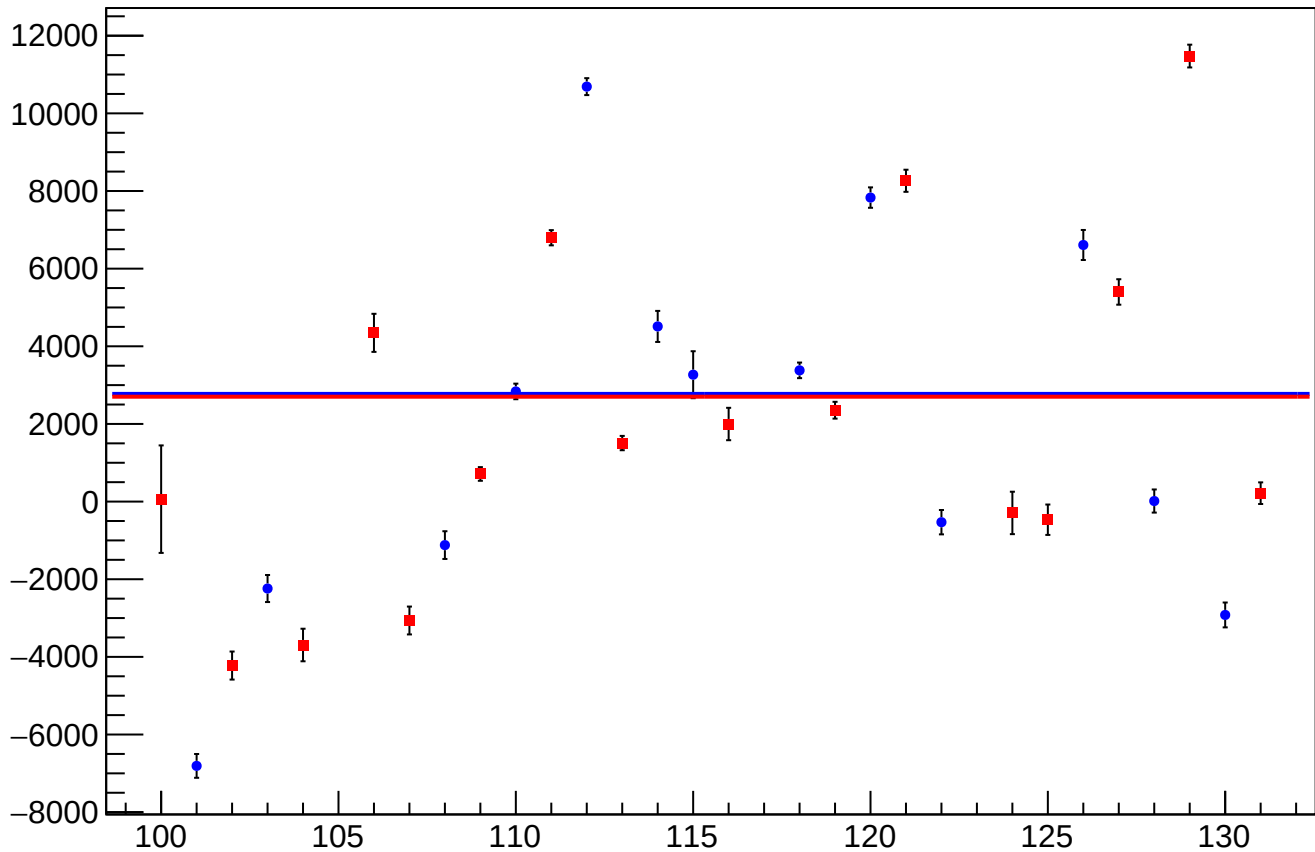
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 136.766 $\pm$ 0.030 χ^2 /NDF: 1498642.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i02aWS_mean vs Slug



Right In: 2773.738+/-79.378 χ^2/NDF : 3629.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2701.594+/-71.330 χ^2/NDF : 3004.1/15

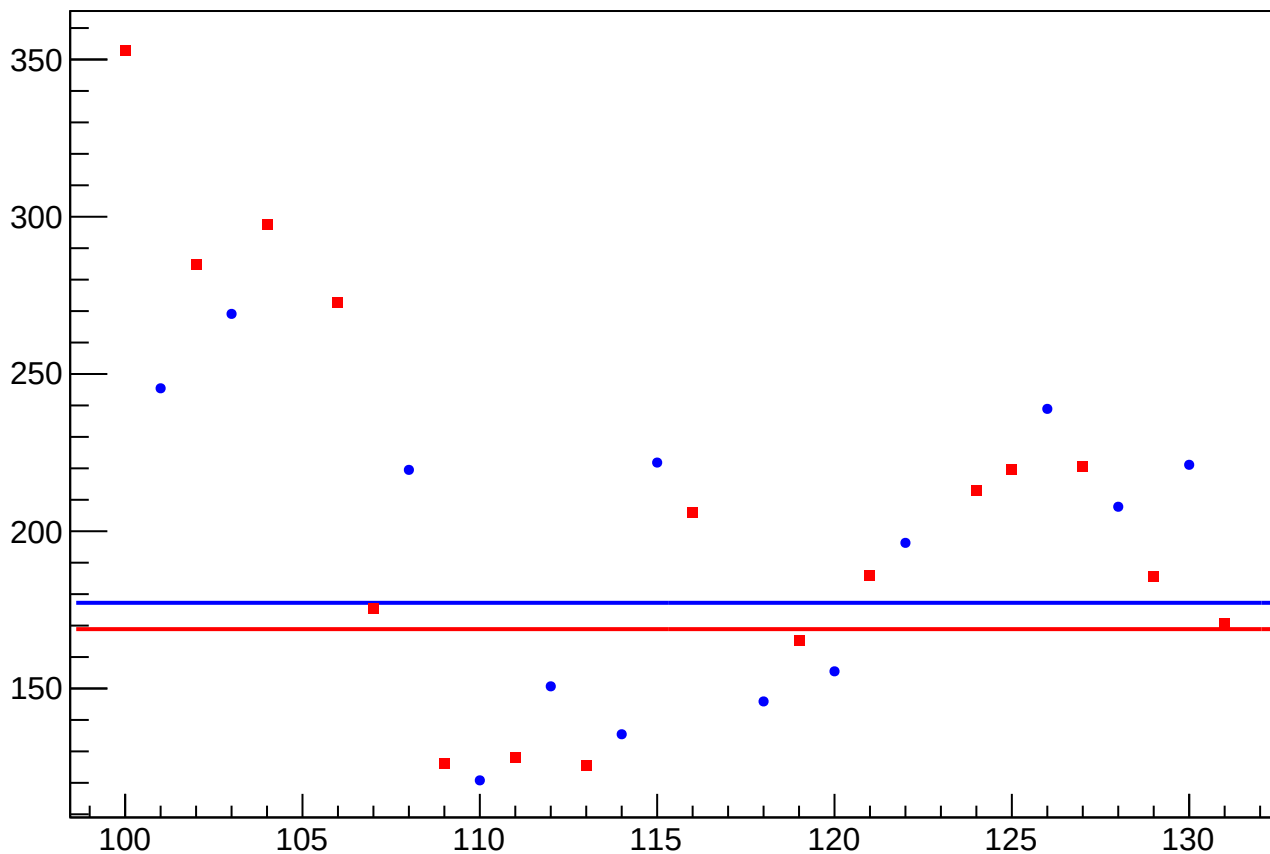
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2733.824+/-53.056 χ^2/NDF : 6634.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02aWS_rms vs Slug



Right In: 177.244+/-0.056 χ^2/NDF : 666115.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.874+/-0.050 χ^2/NDF : 963175.0/15

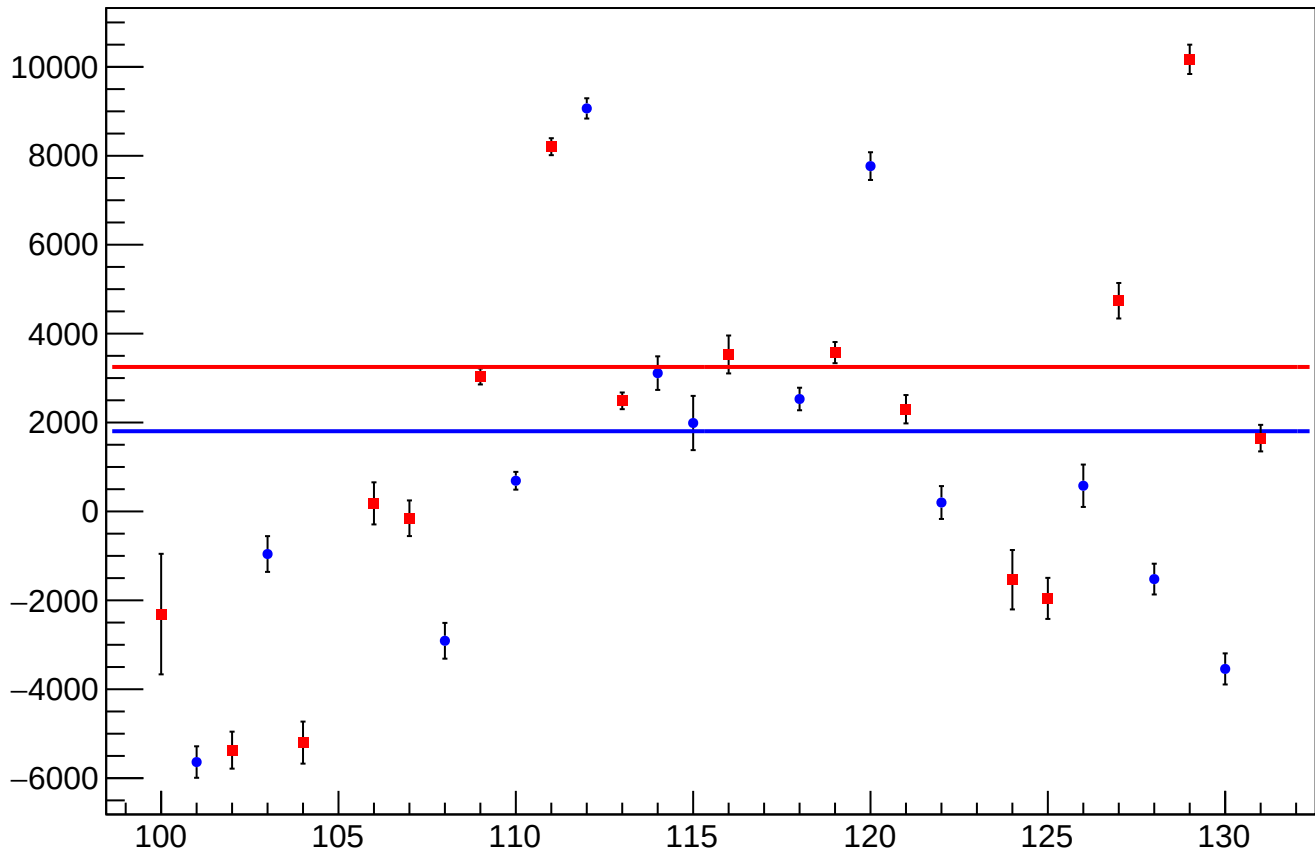
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.613+/-0.038 χ^2/NDF : 1641594.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i05WS_mean vs Slug



Right In: 1804.419+/-88.255 χ^2/NDF : 2408.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3249.843+/-75.678 χ^2/NDF : 2243.0/15

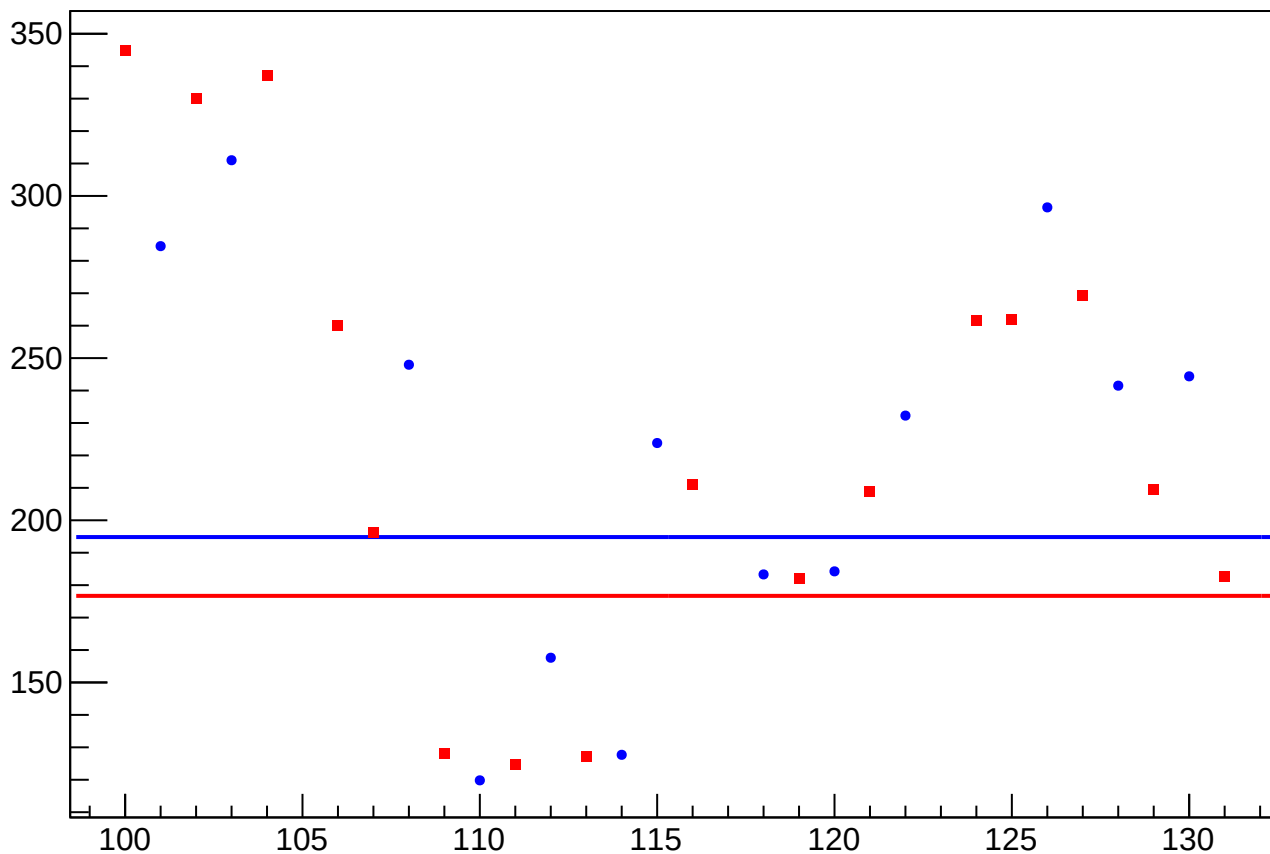
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2637.374+/-57.449 χ^2/NDF : 4806.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i05WS_rms vs Slug



Right In: 194.829+/-0.062 χ^2/NDF : 927240.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.698+/-0.054 χ^2/NDF : 1295552.1/15

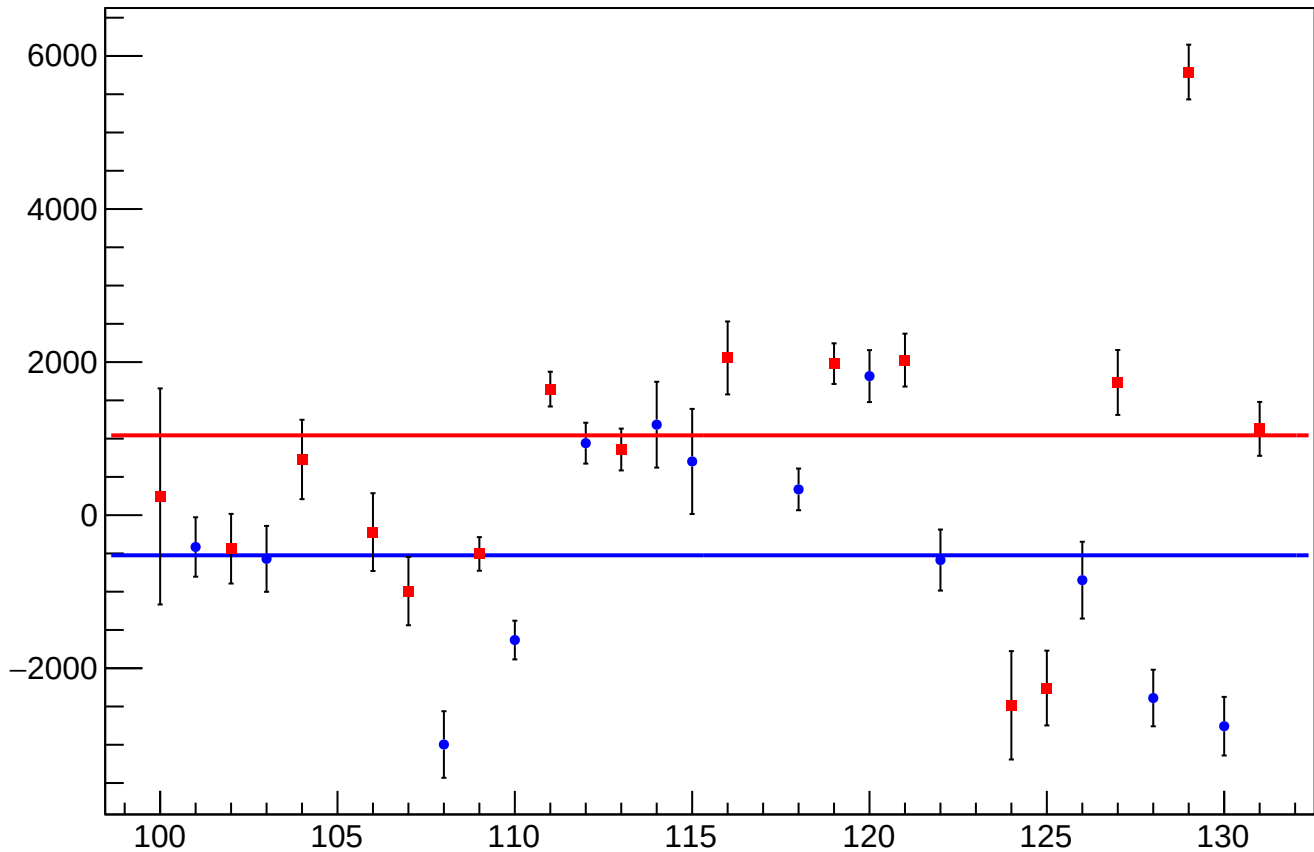
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.380+/-0.041 χ^2/NDF : 2271432.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i07WS_mean vs Slug



Right In: -524.510+/-100.608 χ^2/NDF : 211.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1042.906+/-89.073 χ^2/NDF : 369.9/15

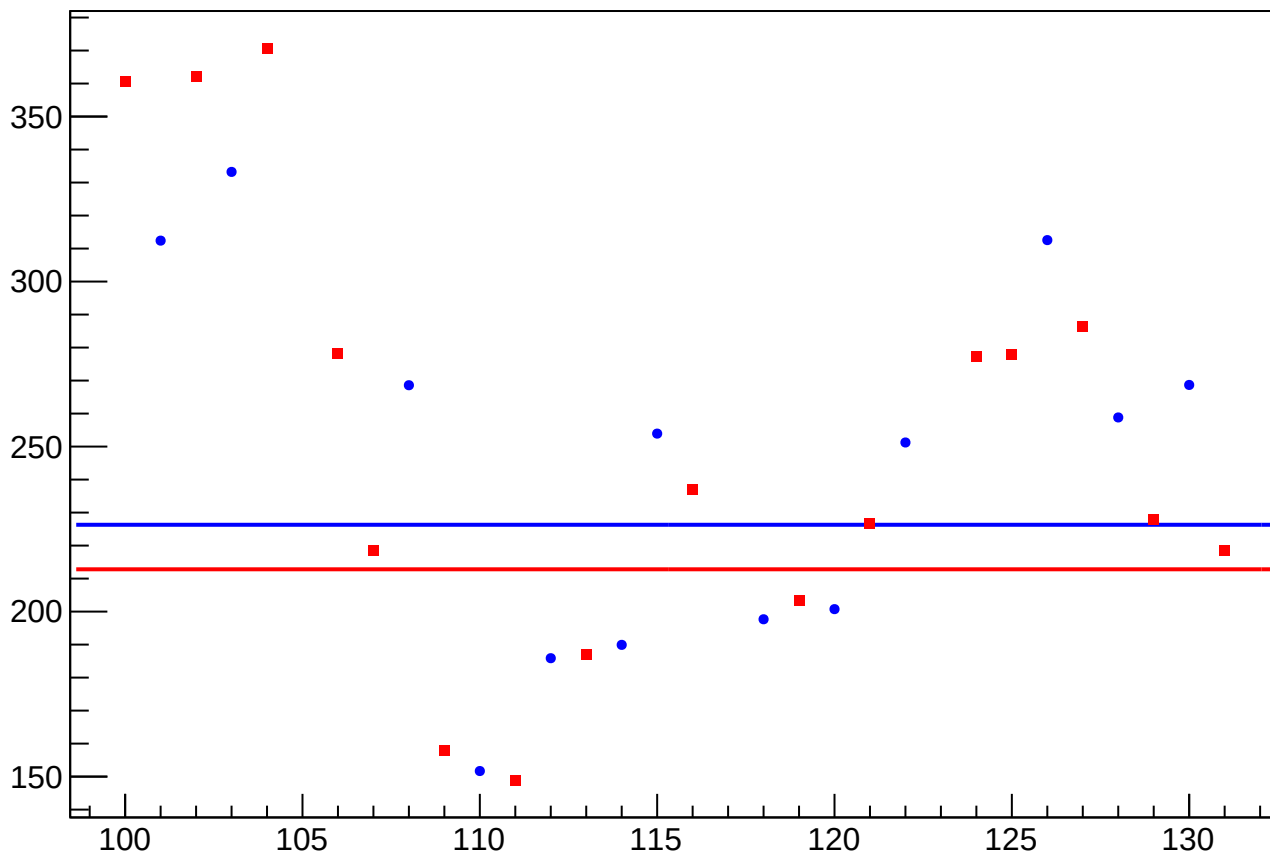
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 354.171+/-66.691 χ^2/NDF : 717.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i07WS_rms vs Slug



Right In: 226.306 ± 0.071 χ^2/NDF : 612389.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 212.815 ± 0.063 χ^2/NDF : 883149.6/15

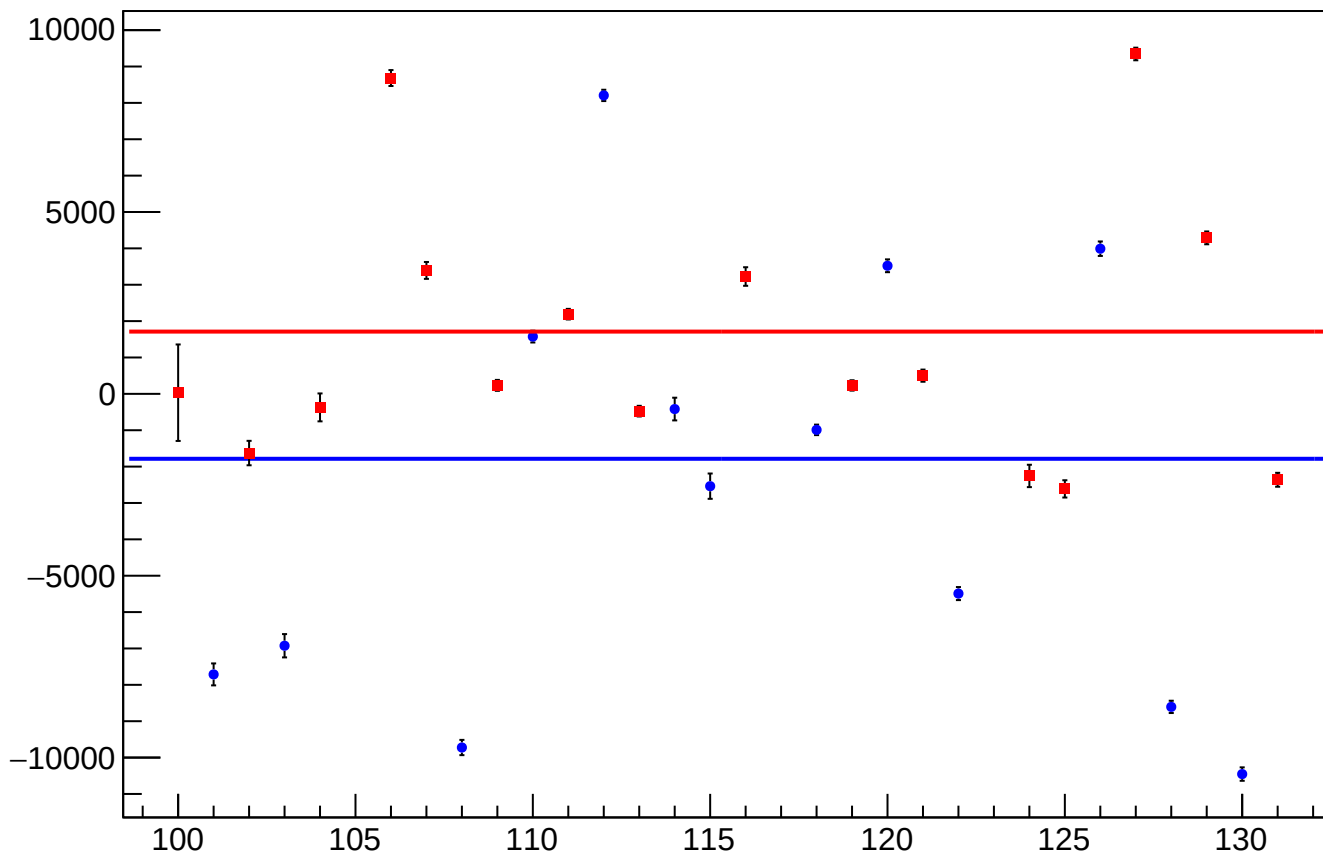
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 218.743 ± 0.047 χ^2/NDF : 1515697.9/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm1i02WS_mean vs Slug



Right In: -1785.167 ± 54.058 χ^2/NDF : 12688.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1711.874 ± 49.059 χ^2/NDF : 4829.0/15

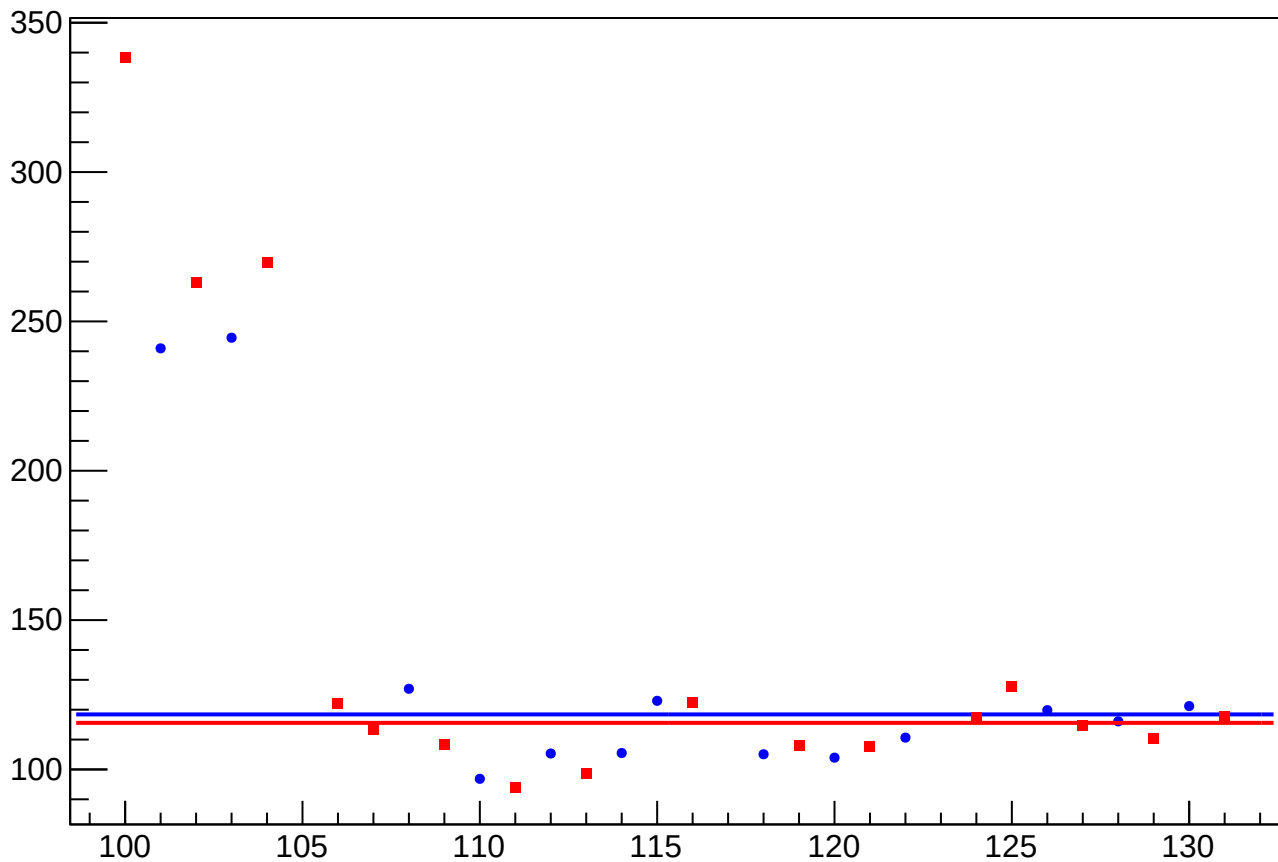
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 132.506 ± 36.329 χ^2/NDF : 19812.4/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm1i02WS_rms vs Slug



Right In: 118.424+/-0.038 χ^2/NDF : 731415.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.593+/-0.035 χ^2/NDF : 862455.5/15

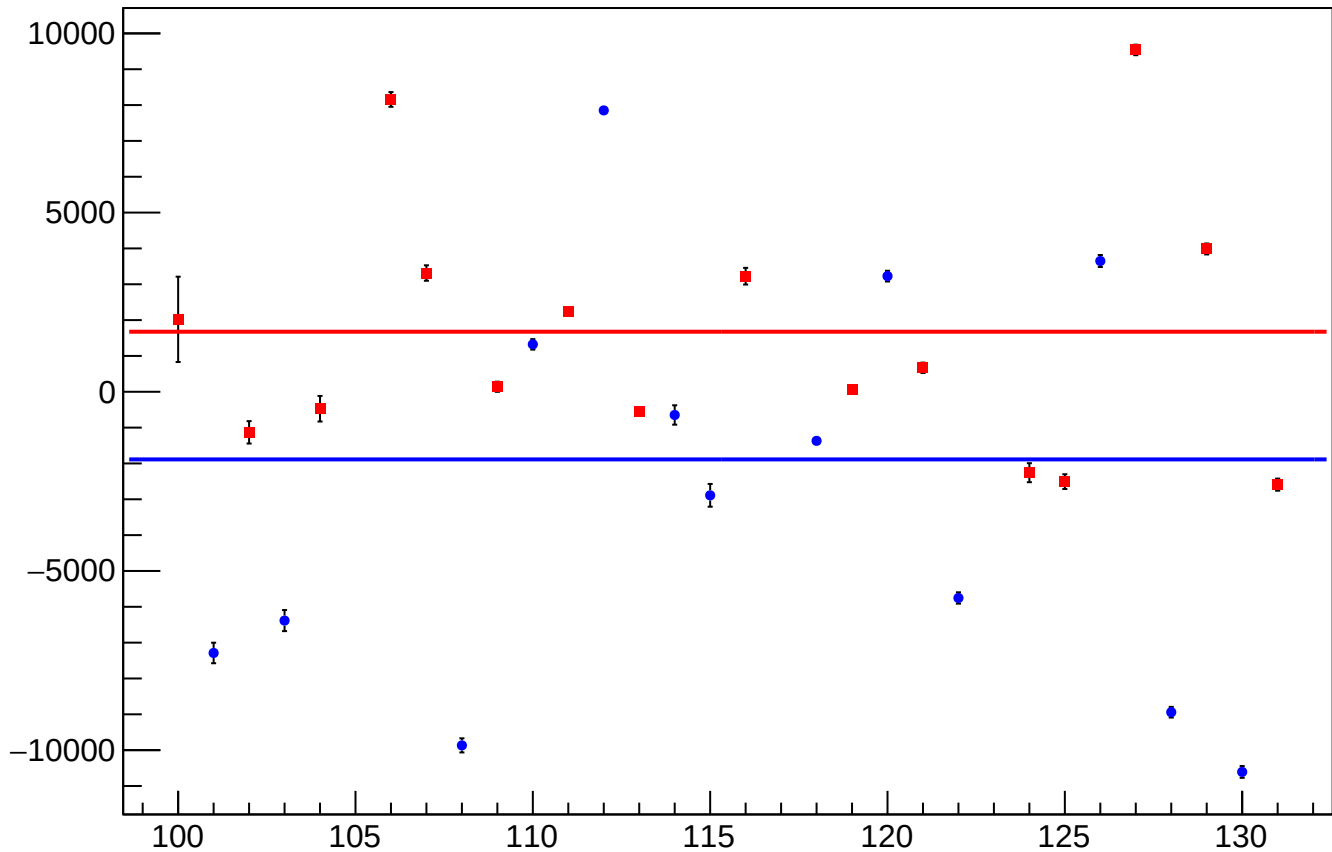
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.871+/-0.026 χ^2/NDF : 1596880.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm2i01WS_mean vs Slug



Right In: -1887.093+/-47.801 χ^2/NDF : 15616.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

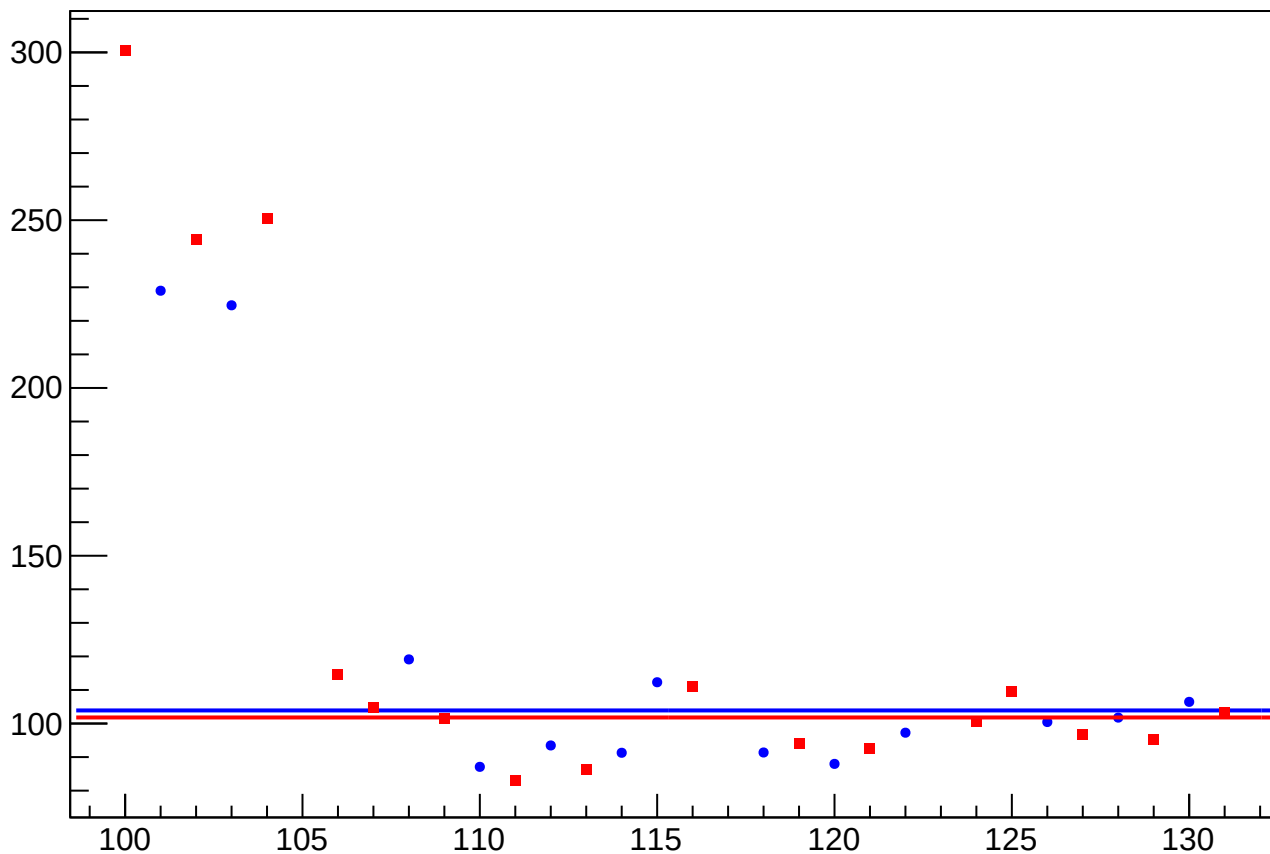
Right Out: 1675.756+/-43.515 χ^2/NDF : 6240.3/15

All: 61.204+/-32.178 χ^2/NDF : 24895.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm2i01WS_rms vs Slug



Right In: 103.902+/-0.034 χ^2/NDF : 820872.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.806+/-0.031 χ^2/NDF : 926543.8/15

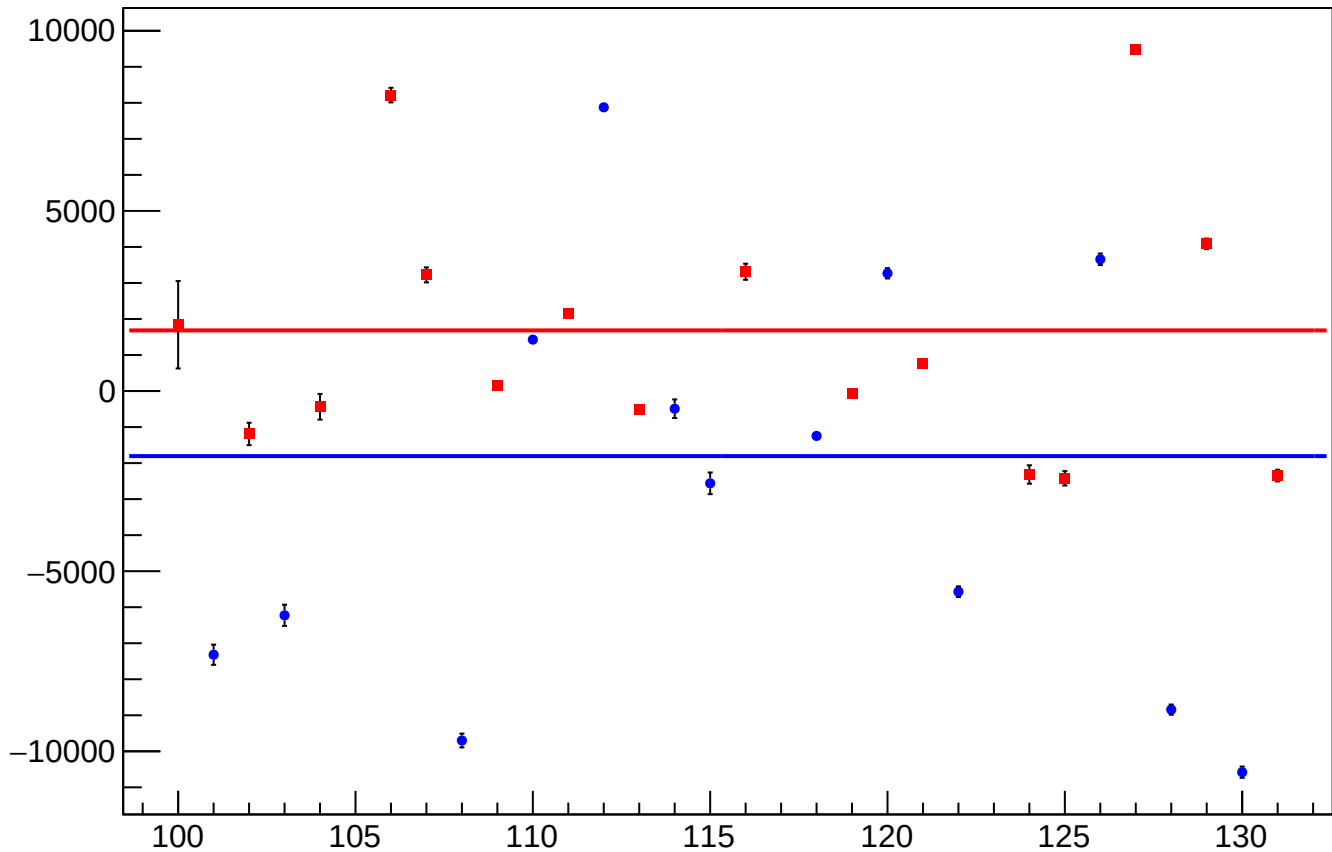
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.756+/-0.023 χ^2/NDF : 1749518.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm2i02WS_mean vs Slug



Right In: -1805.924 ± 45.672 χ^2/NDF : 16961.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1683.778 ± 41.570 χ^2/NDF : 6652.8/15

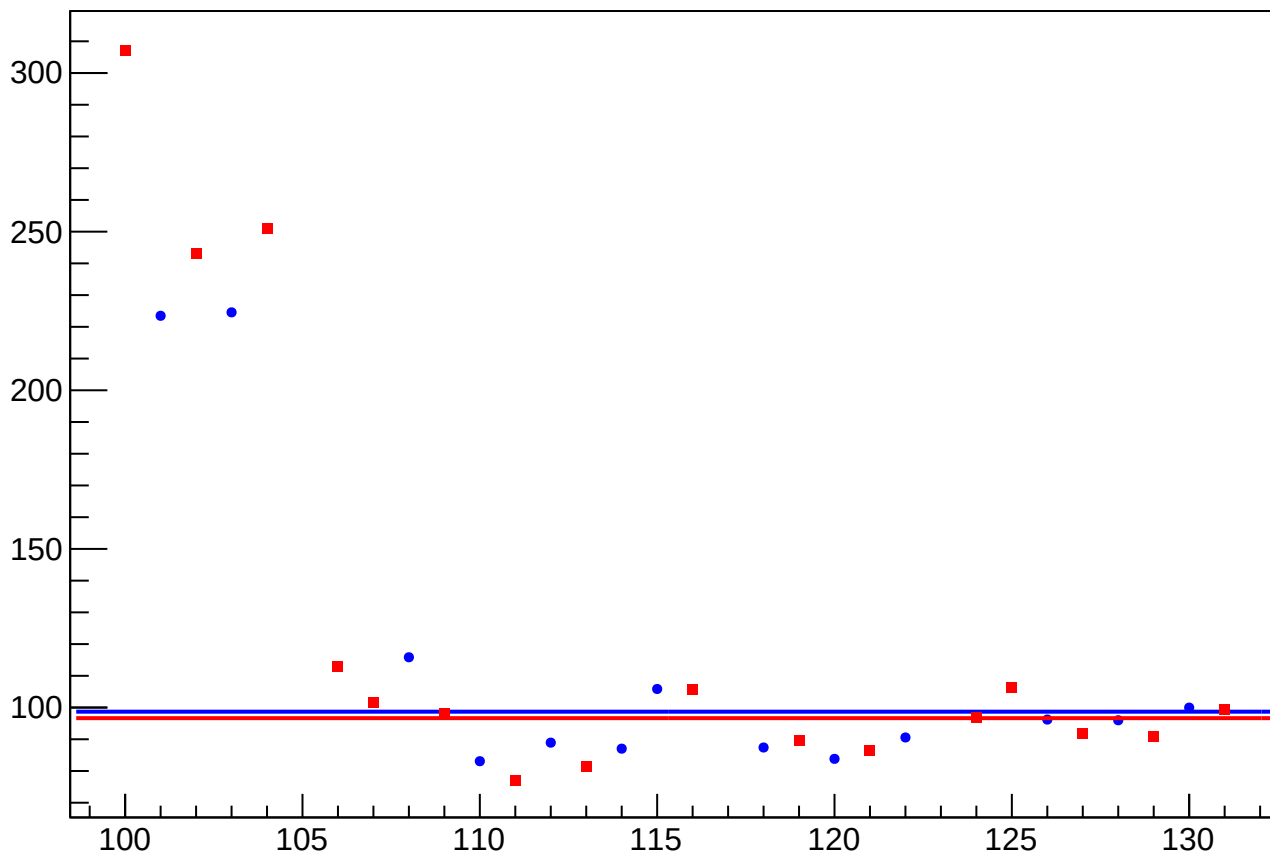
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 102.643 ± 30.743 χ^2/NDF : 26807.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm2i02WS_rms vs Slug



Right In: 98.697+/-0.032 χ^2/NDF : 865675.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.655+/-0.029 χ^2/NDF : 1008187.2/15

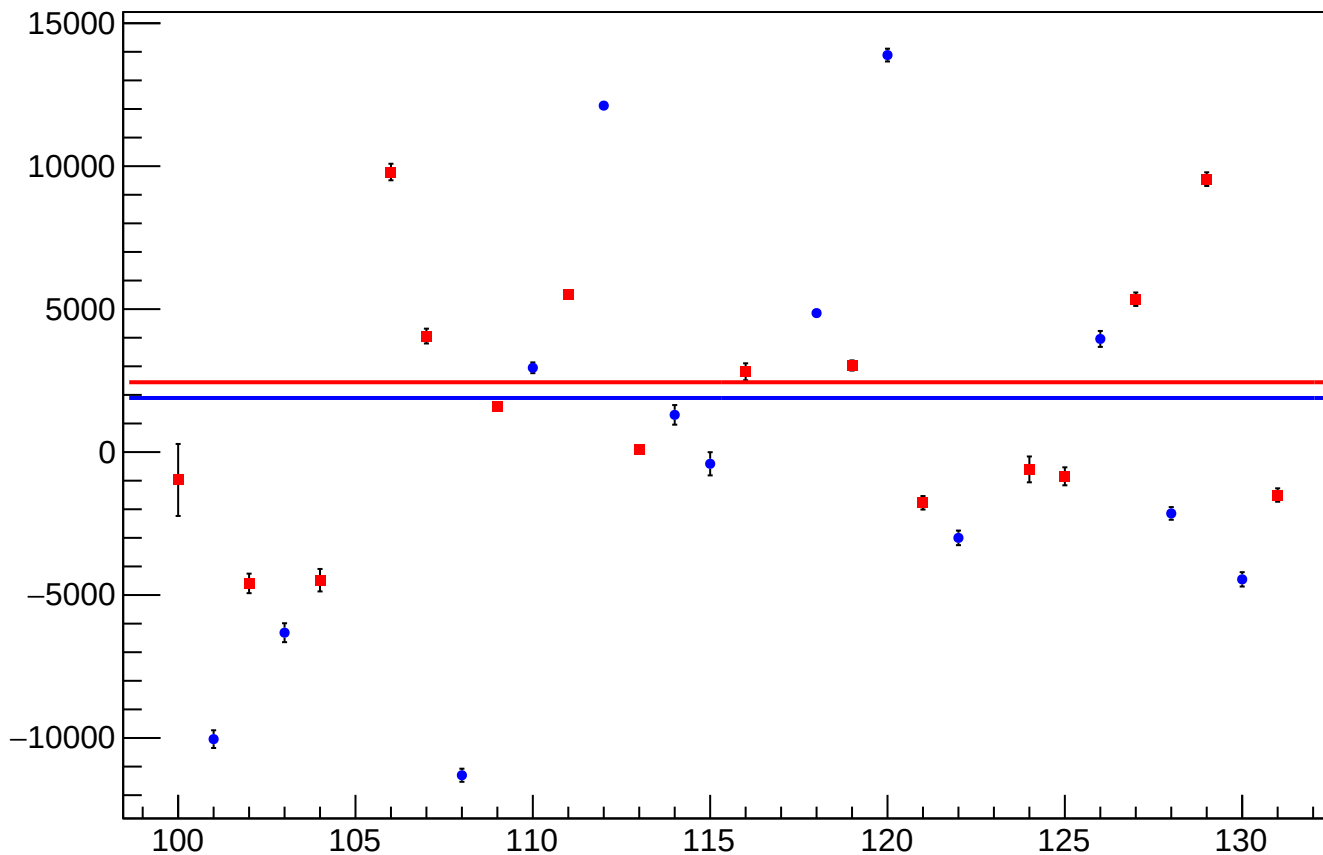
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.580+/-0.022 χ^2/NDF : 1876048.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i01WS_mean vs Slug



Right In: 1892.340+/-65.639 χ^2/NDF : 13427.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2442.528+/-60.031 χ^2/NDF : 3783.9/15

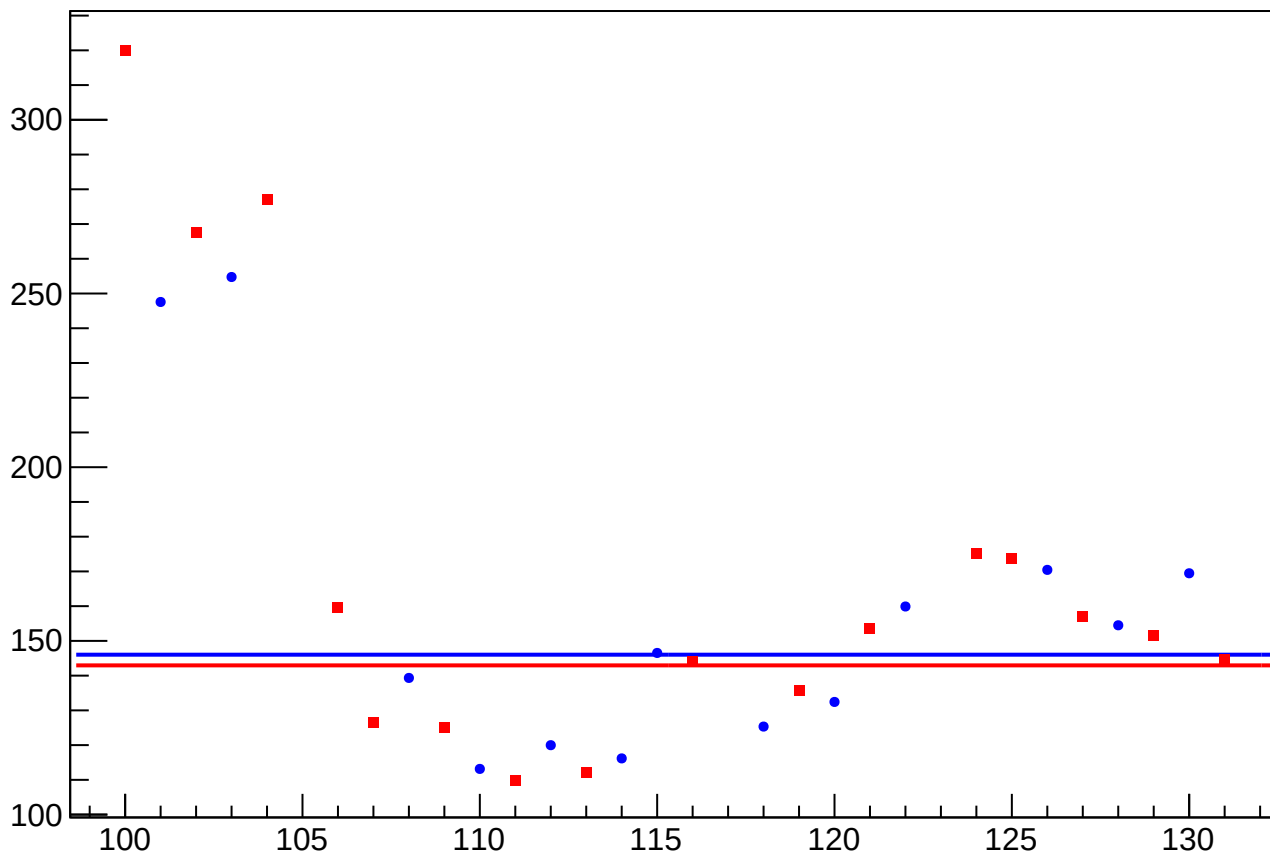
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2191.937+/-44.298 χ^2/NDF : 17249.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i01WS_rms vs Slug



Right In: 146.028+/-0.046 χ^2/NDF : 630582.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.953+/-0.042 χ^2/NDF : 766285.3/15

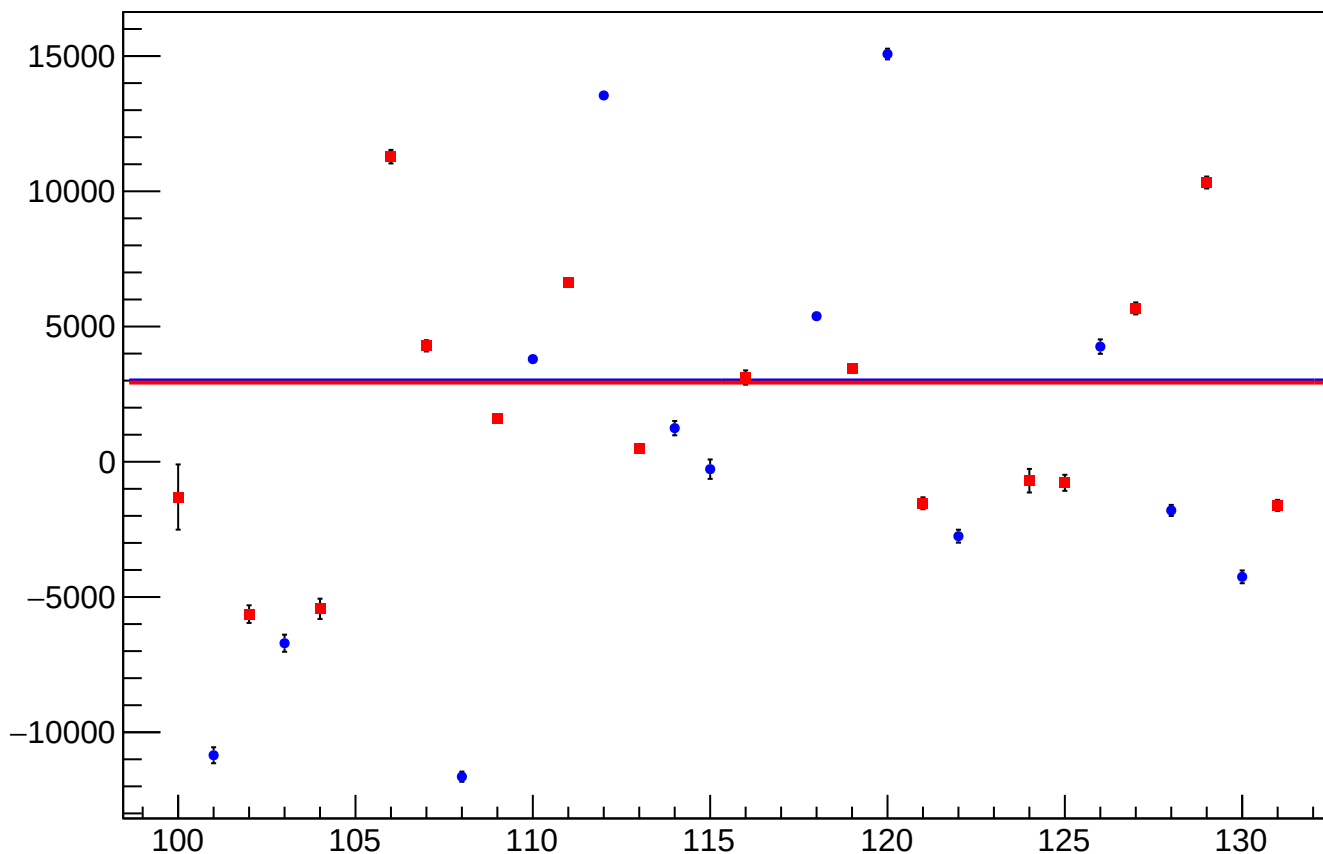
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.353+/-0.031 χ^2/NDF : 1399257.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i01aWS_mean vs Slug



Right In: 3005.777 $\pm$ 55.608 χ^2 /NDF: 21555.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2928.577 $\pm$ 50.018 χ^2 /NDF: 6160.7/15

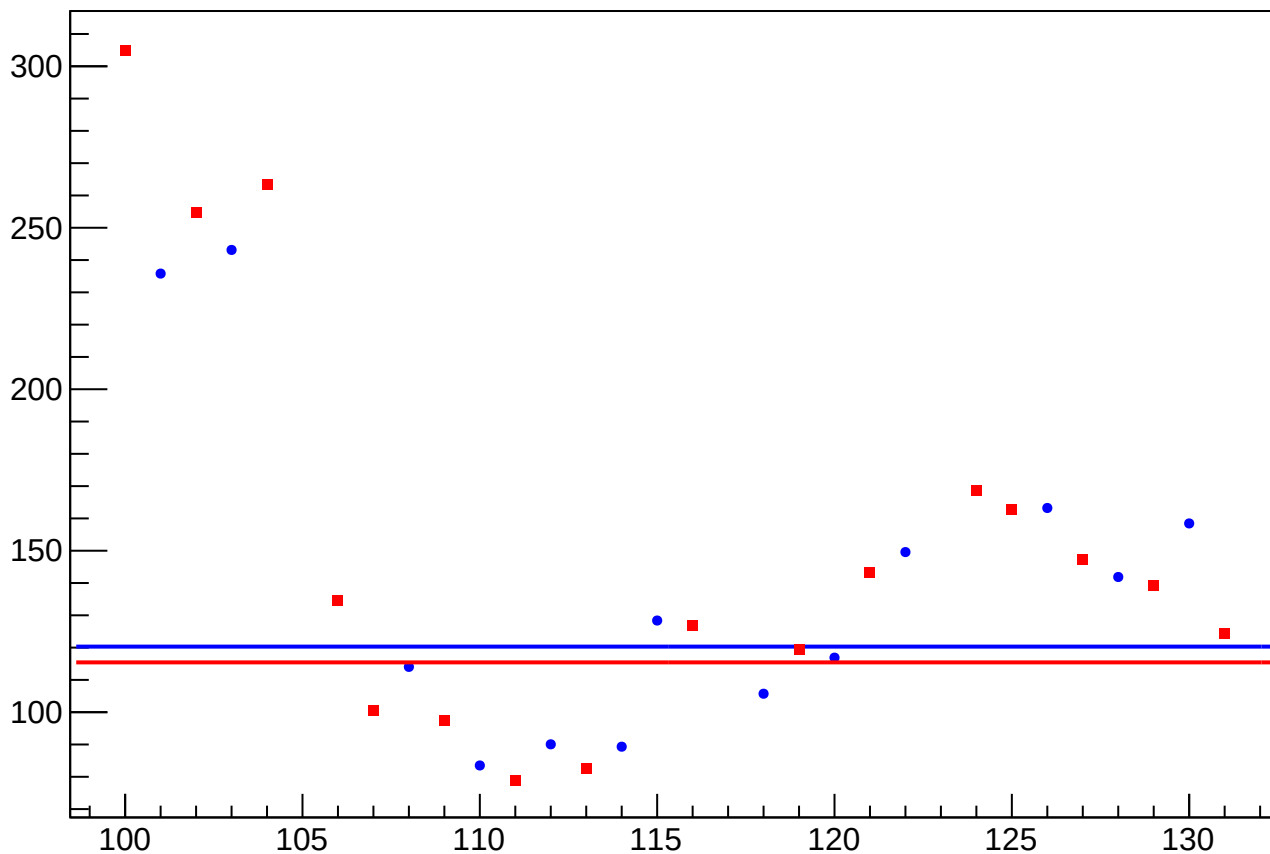
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2963.103 $\pm$ 37.188 χ^2 /NDF: 27717.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i01aWS_rms vs Slug



Right In: 120.308+/-0.039 χ^2/NDF : 1052404.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.426+/-0.035 χ^2/NDF : 1289779.8/15

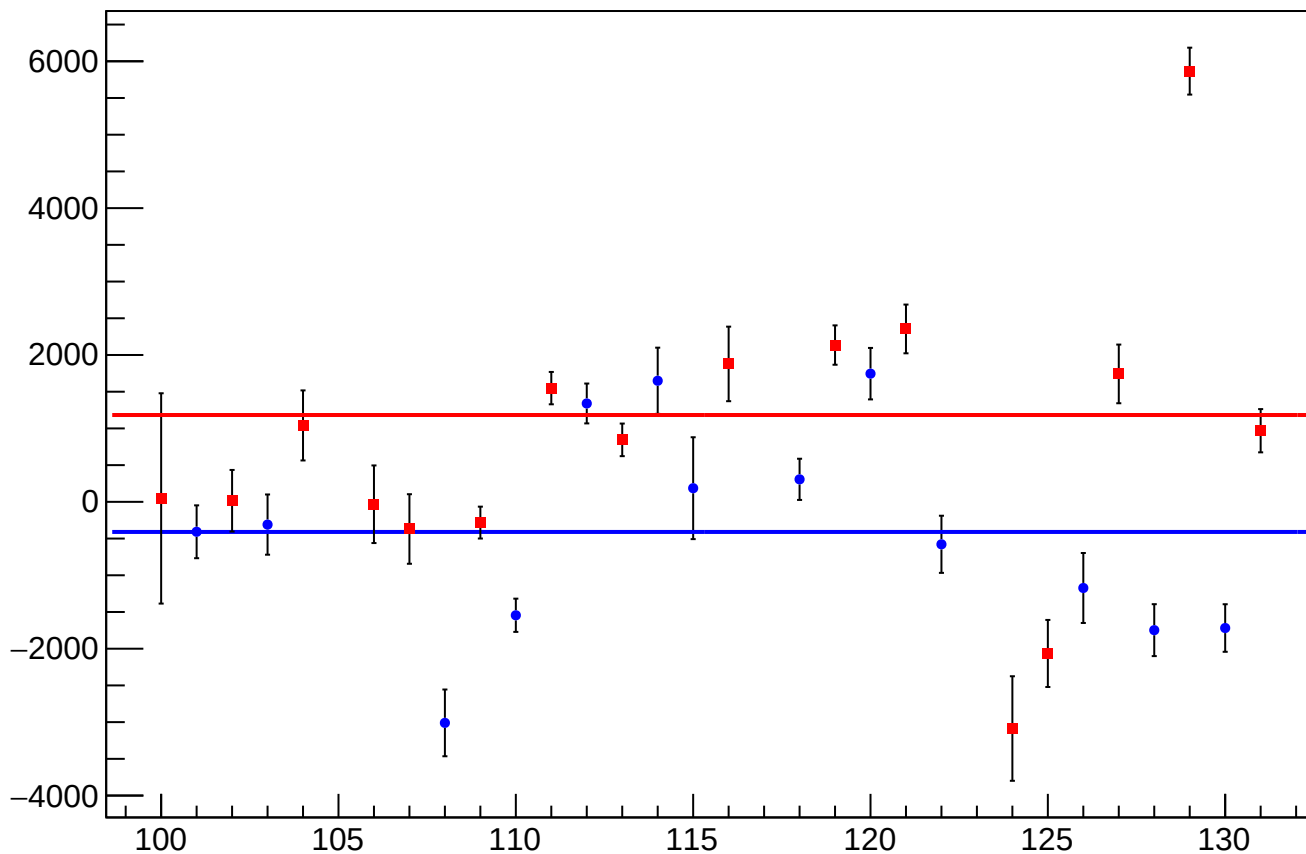
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.609+/-0.026 χ^2/NDF : 2350704.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l01WS_mean vs Slug



Right In: -409.948 $\pm$ 96.230 χ^2 /NDF: 198.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1182.608 $\pm$ 83.928 χ^2 /NDF: 406.0/15

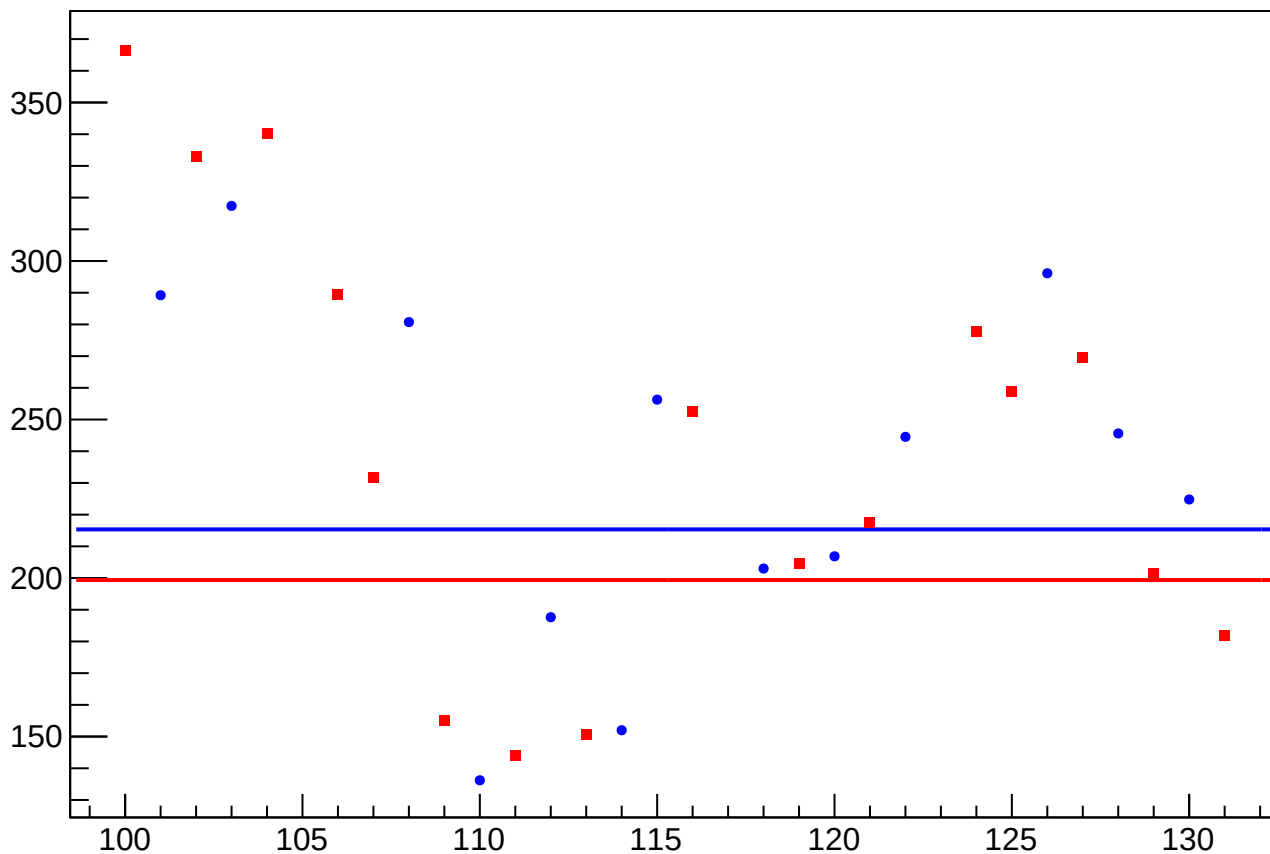
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 494.572 $\pm$ 63.251 χ^2 /NDF: 760.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l01WS_rms vs Slug



Right In: 215.350+/-0.068 χ^2/NDF : 651402.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.367+/-0.059 χ^2/NDF : 932474.5/15

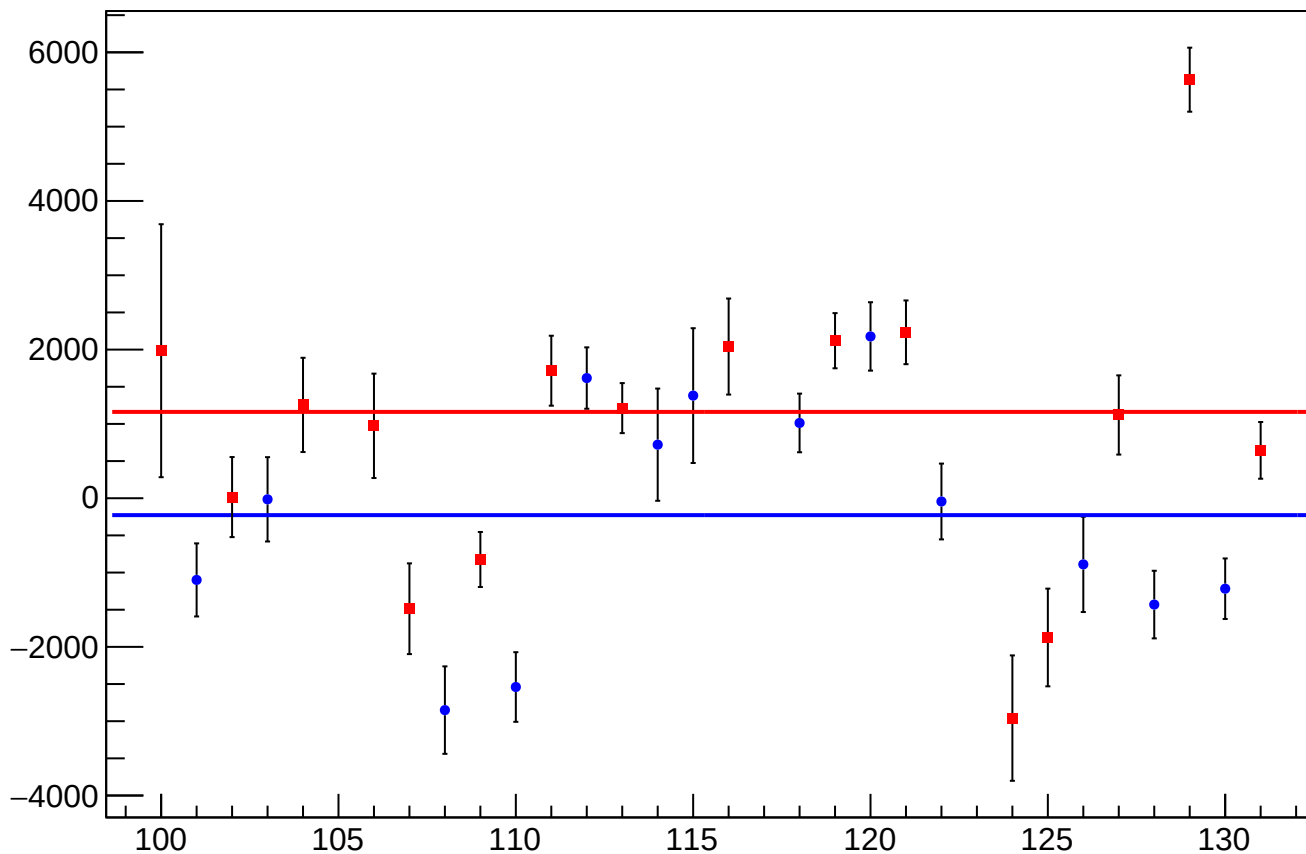
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.272+/-0.045 χ^2/NDF : 1615211.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l02WS_mean vs Slug



Right In: -227.239+/-138.939 χ^2/NDF : 123.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1161.756+/-122.896 χ^2/NDF : 223.3/15

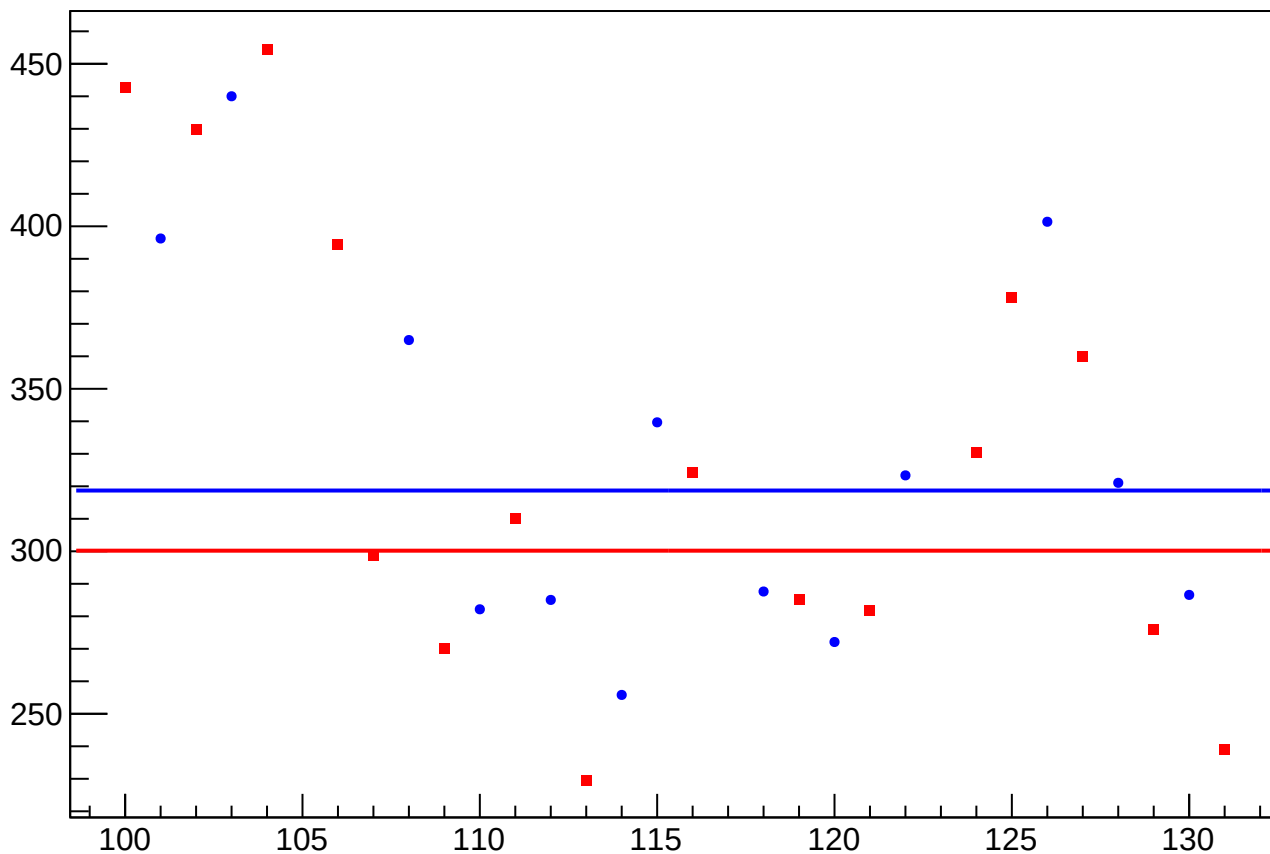
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 552.049+/-92.053 χ^2/NDF : 402.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l02WS_rms vs Slug



Right In: 318.700+/-0.098 χ^2/NDF : 272825.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 300.192+/-0.087 χ^2/NDF : 509774.0/15

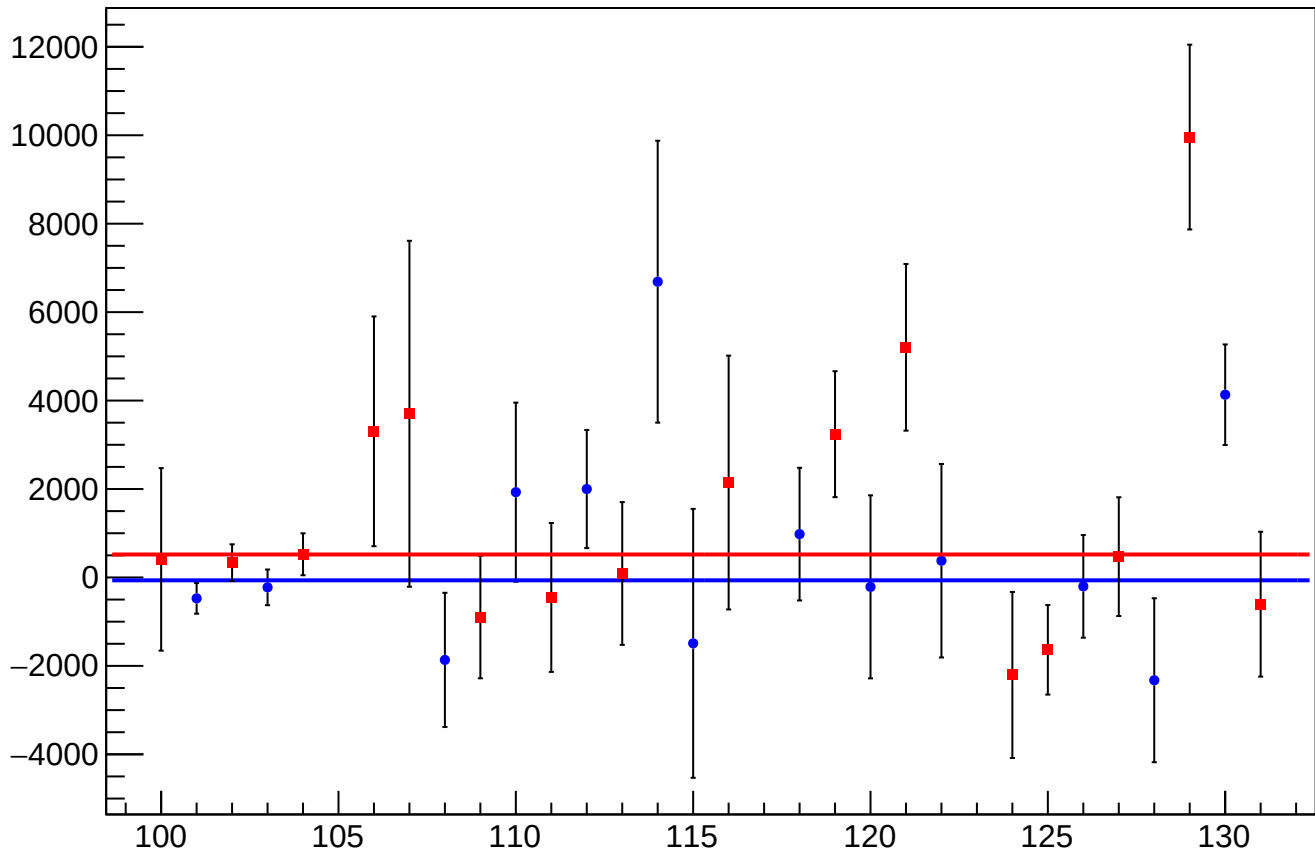
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 308.316+/-0.065 χ^2/NDF : 802508.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l03WS_mean vs Slug



Right In: -64.872 ± 231.759 χ^2/NDF : 26.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 519.208 ± 255.933 χ^2/NDF : 41.1/15

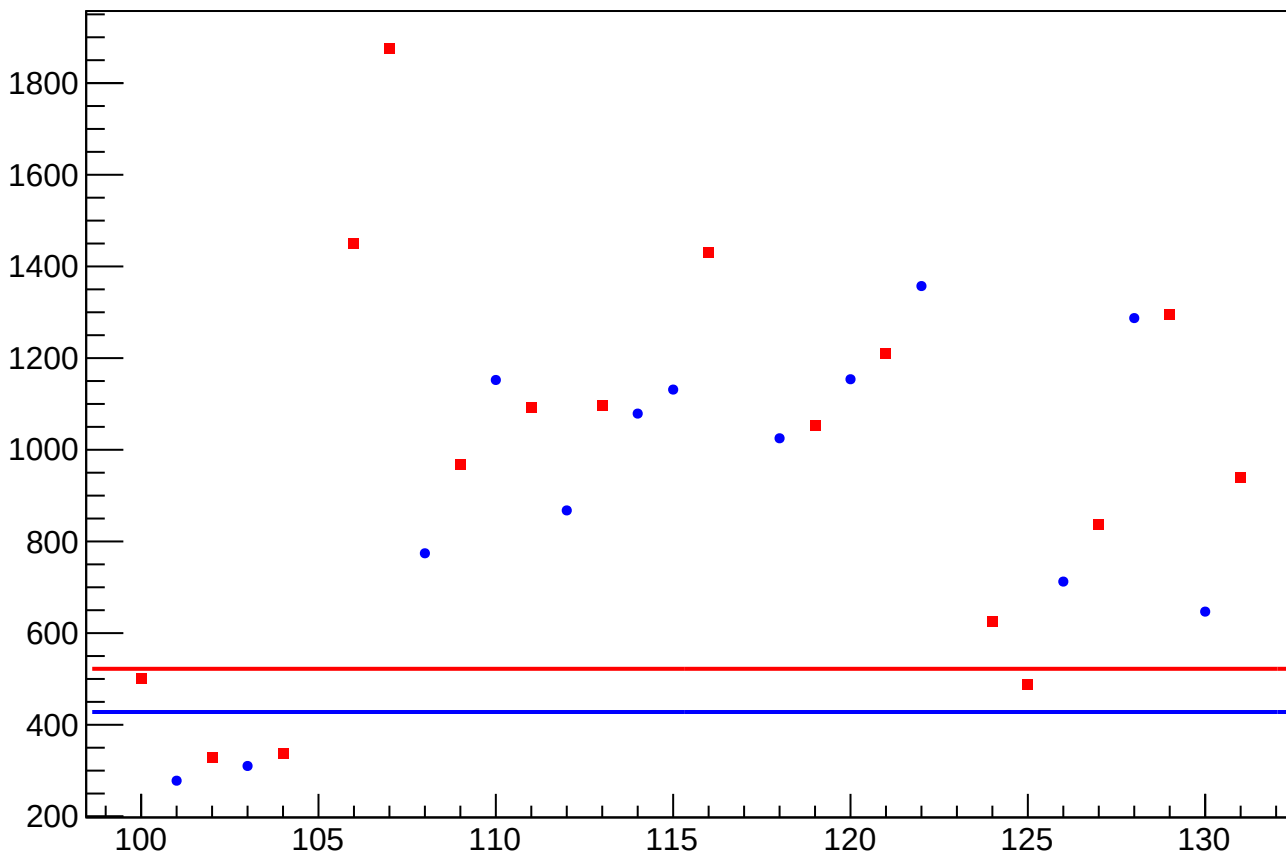
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 198.287 ± 171.791 χ^2/NDF : 70.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l03WS_rms vs Slug



Right In: 427.911+/-0.164 χ^2/NDF : 2860004.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 522.147+/-0.181 χ^2/NDF : 3182844.5/15

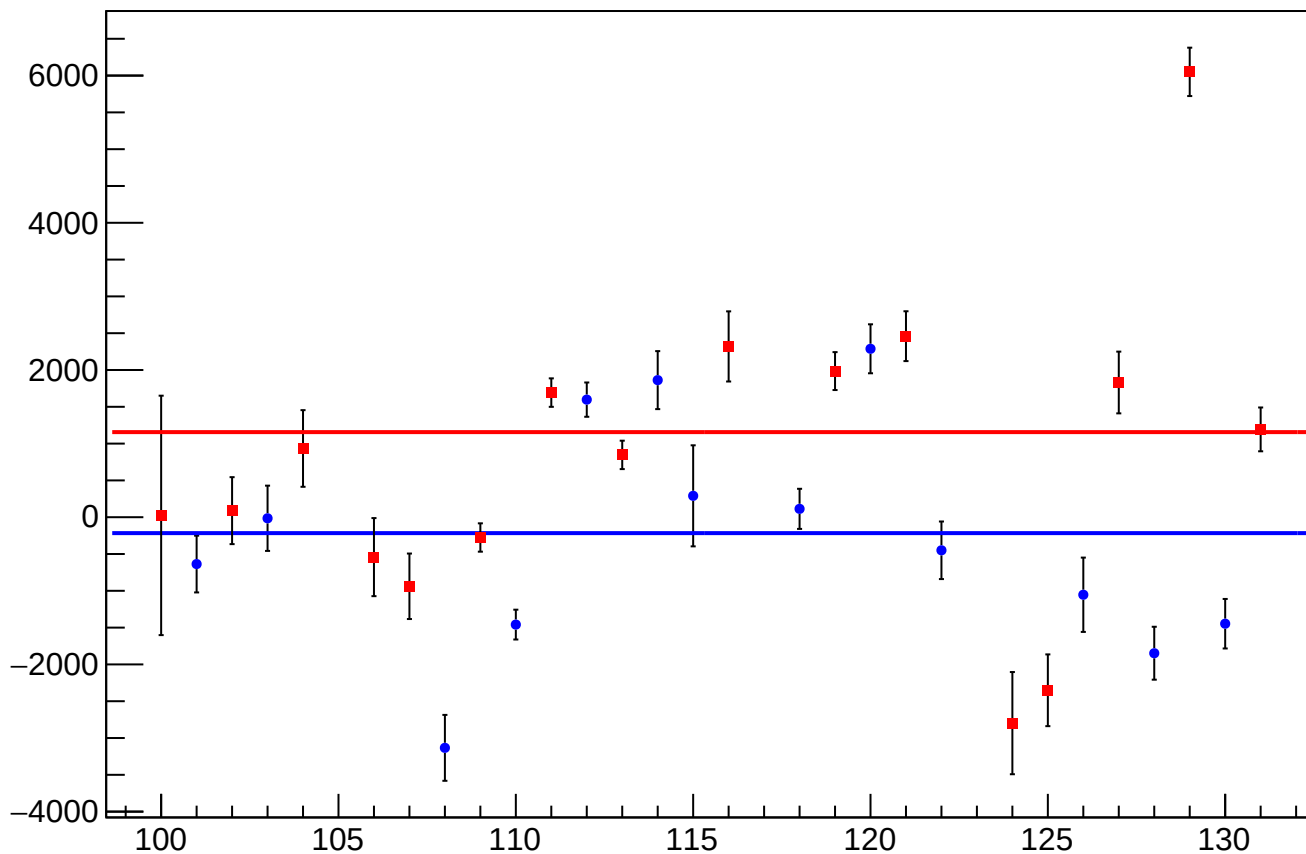
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 470.369+/-0.121 χ^2/NDF : 6191832.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l04WS_mean vs Slug



Right In: -216.251 ± 92.177 χ^2/NDF : 265.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1156.067 ± 79.365 χ^2/NDF : 443.9/15

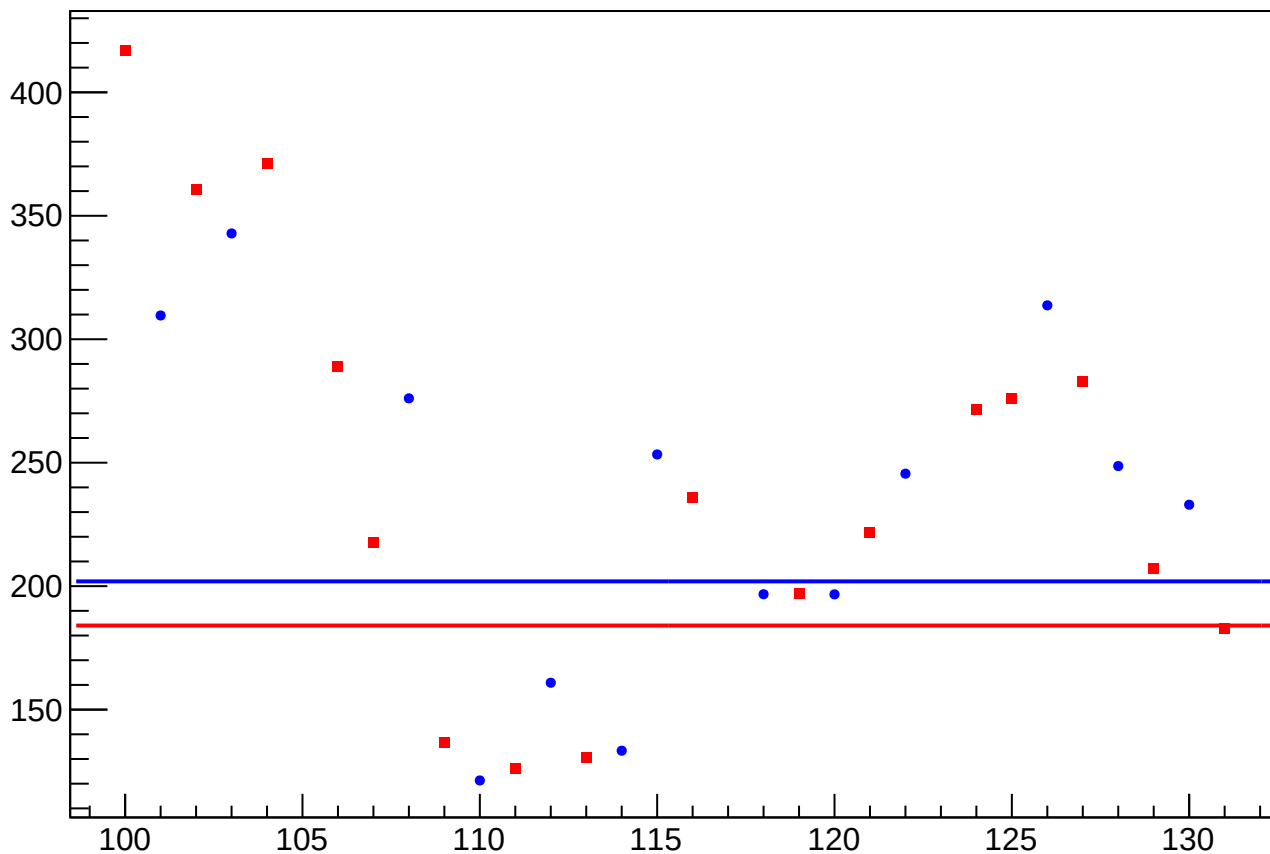
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 571.829 ± 60.143 χ^2/NDF : 836.8/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l04WS_rms vs Slug



Right In: 201.933 $\pm$ 0.065 χ^2 /NDF: 1038518.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 184.046 $\pm$ 0.056 χ^2 /NDF: 1423331.3/15

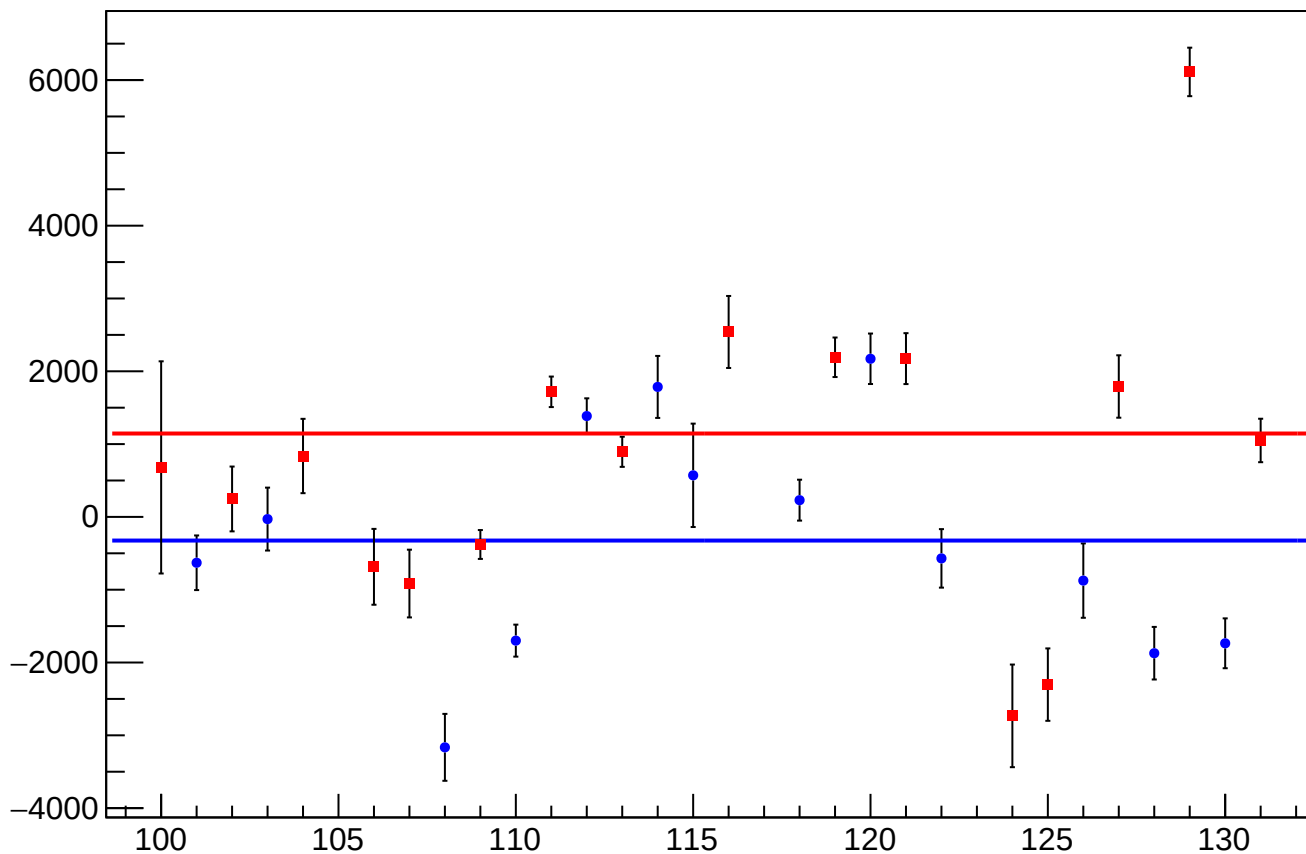
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 191.661 $\pm$ 0.043 χ^2 /NDF: 2505102.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l05WS_mean vs Slug



Right In: -324.896+/-95.577 χ^2/NDF : 246.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1145.314+/-82.529 χ^2/NDF : 439.1/15

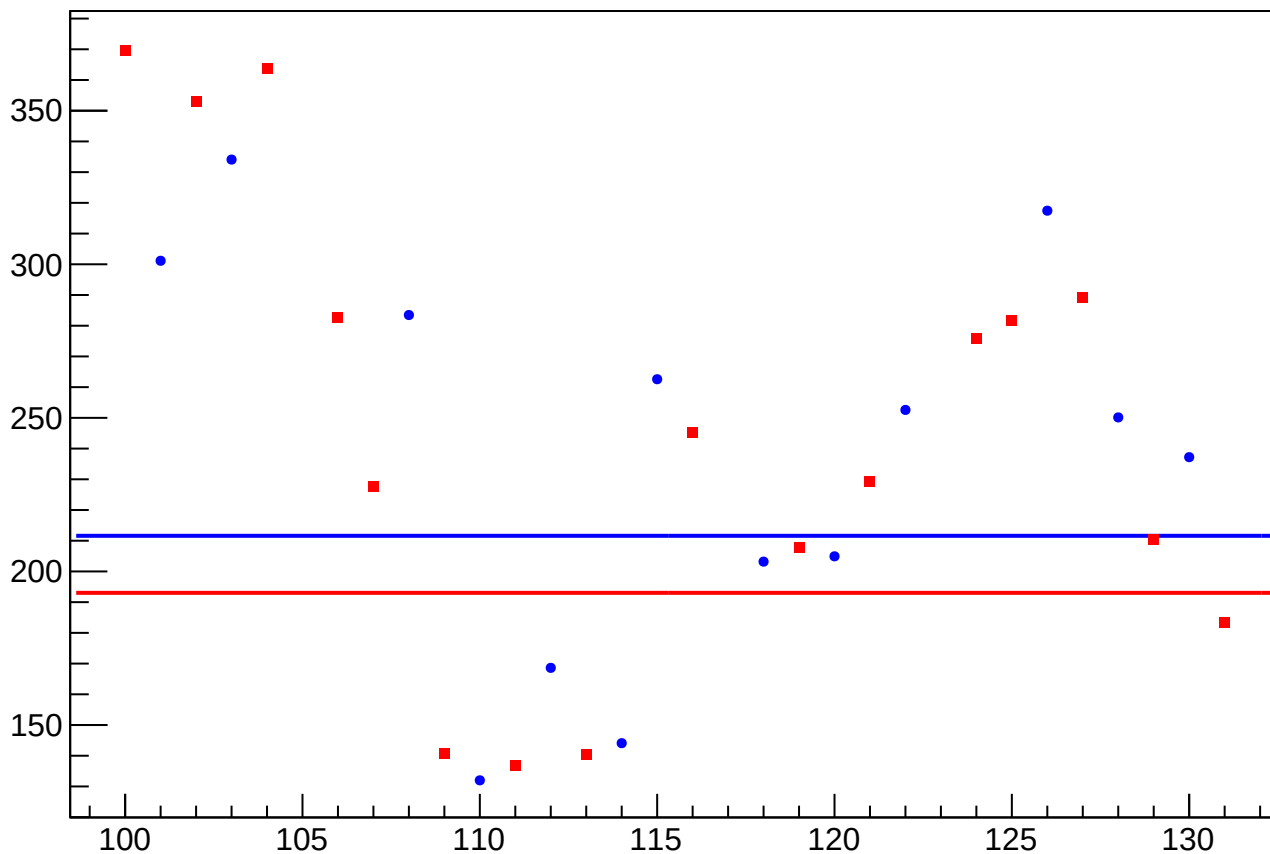
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 517.340+/-62.464 χ^2/NDF : 821.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l05WS_rms vs Slug



Right In: 211.601 ± 0.068 χ^2/NDF : 852197.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 193.034 ± 0.058 χ^2/NDF : 1242456.9/15

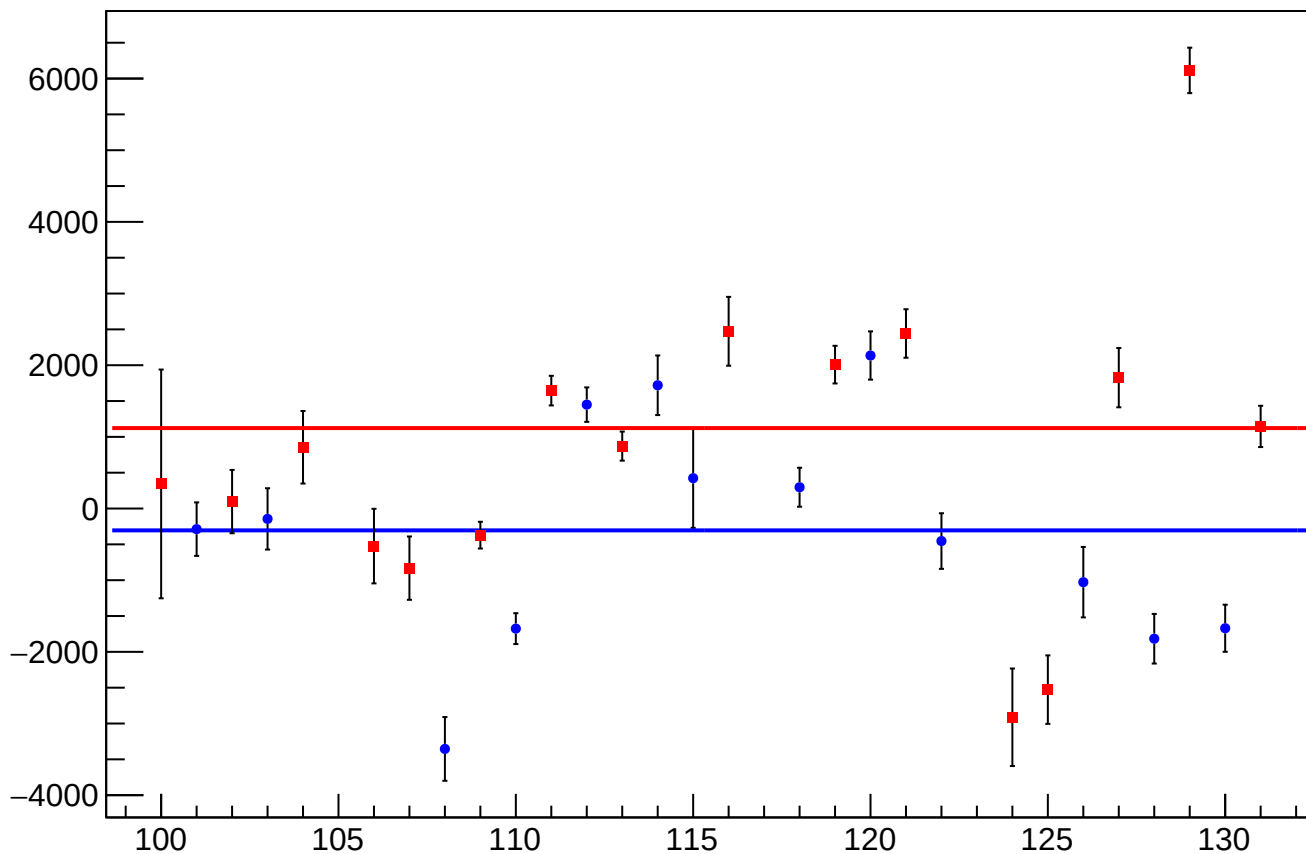
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 200.965 ± 0.044 χ^2/NDF : 2137892.9/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l06WS_mean vs Slug



Right In: -304.819+/-93.189 χ^2/NDF : 261.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1122.567+/-79.901 χ^2/NDF : 486.1/15

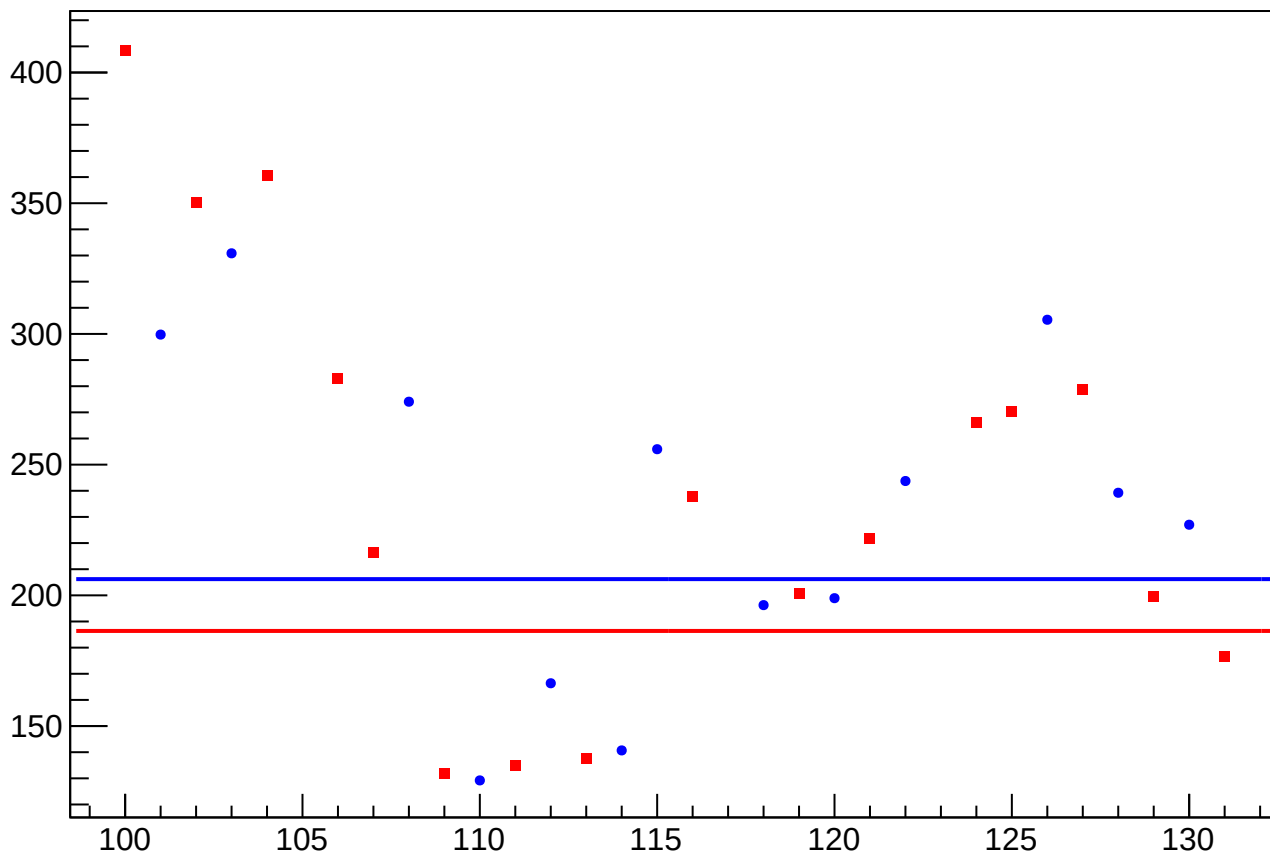
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 517.812+/-60.657 χ^2/NDF : 883.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l06WS_rms vs Slug



Right In: 206.208 $\pm$ 0.066 χ^2 /NDF: 842326.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 186.386 $\pm$ 0.056 χ^2 /NDF: 1284641.4/15

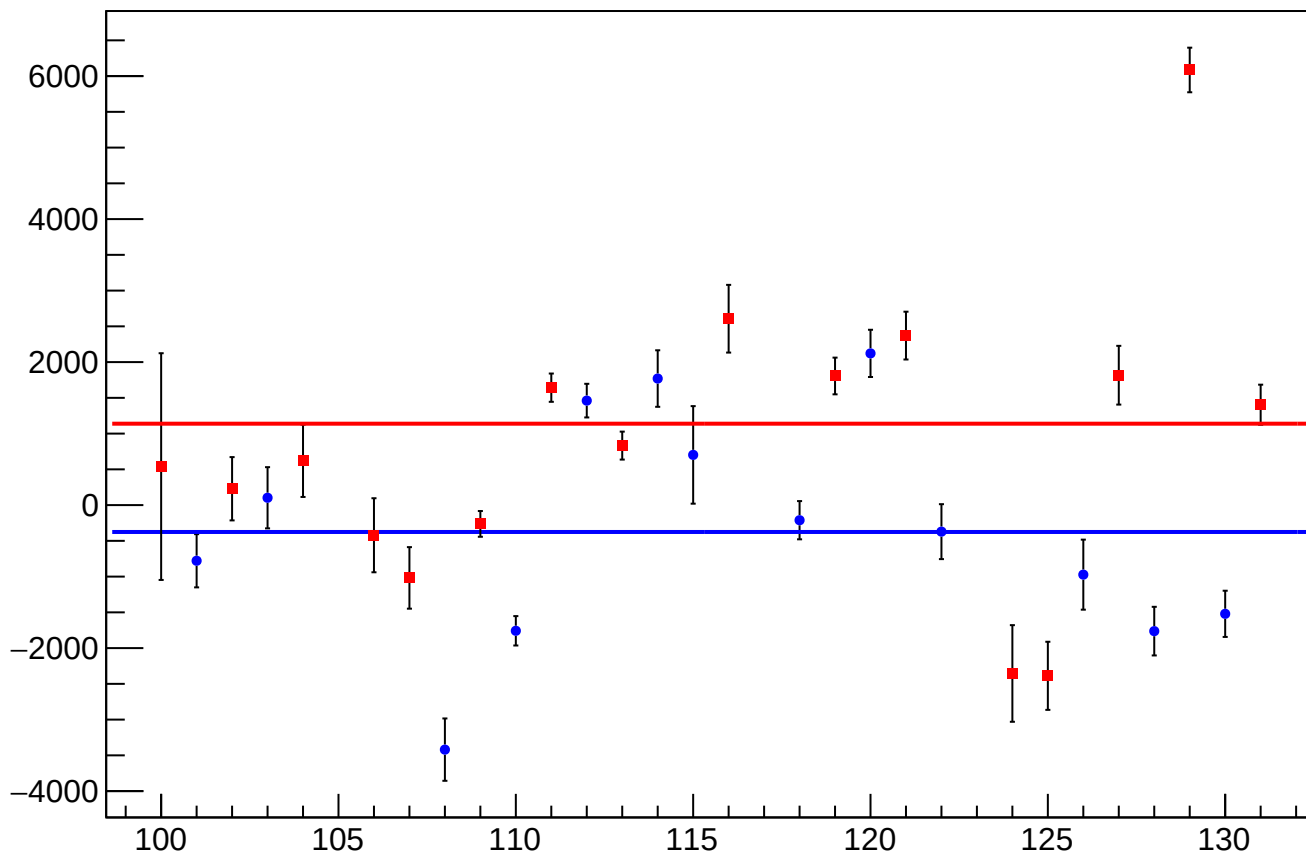
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 194.784 $\pm$ 0.043 χ^2 /NDF: 2179120.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l07WS_mean vs Slug



Right In: -375.884+/-91.072 χ^2/NDF : 277.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1138.564+/-77.793 χ^2/NDF : 475.8/15

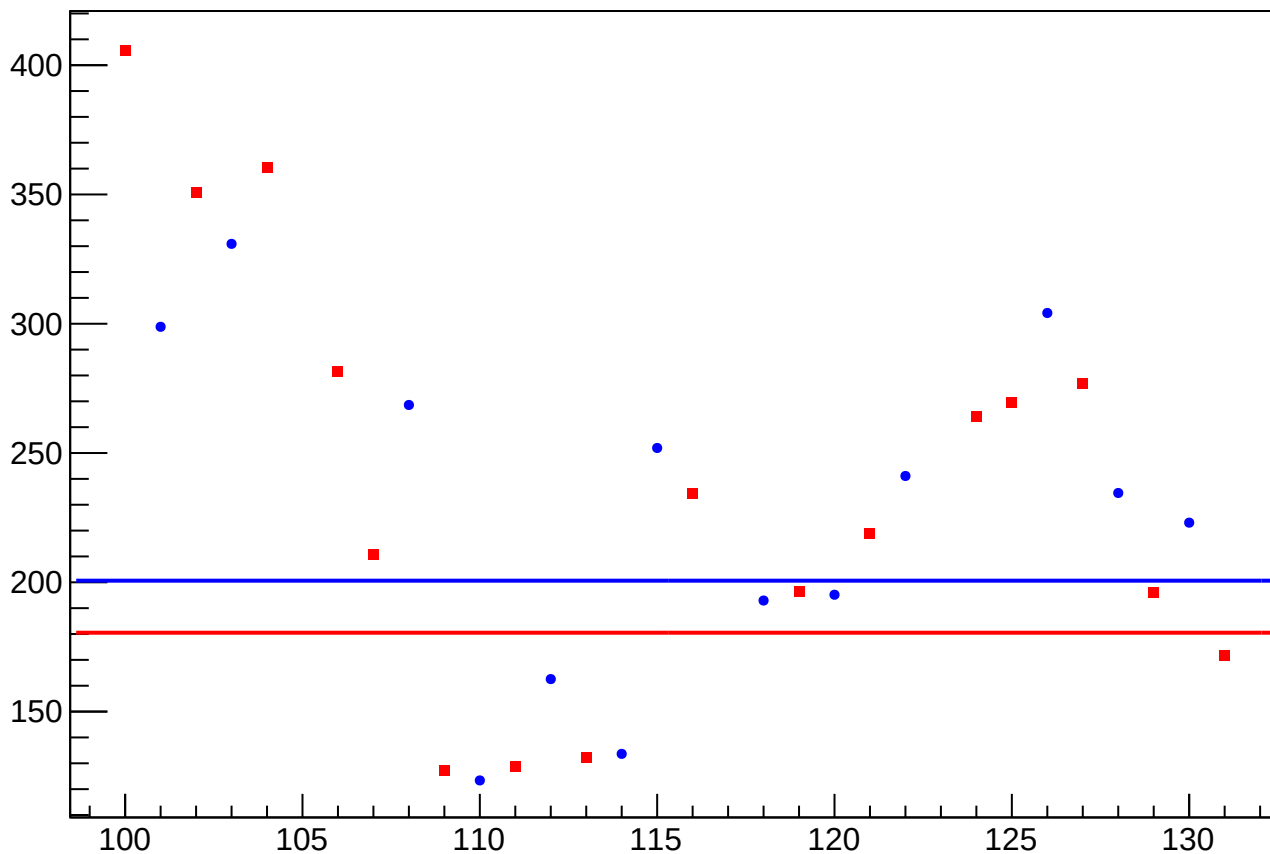
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 499.697+/-59.151 χ^2/NDF : 913.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l07WS_rms vs Slug



Right In: 200.628+/-0.064 χ^2/NDF : 920143.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 180.506+/-0.055 χ^2/NDF : 1387048.3/15

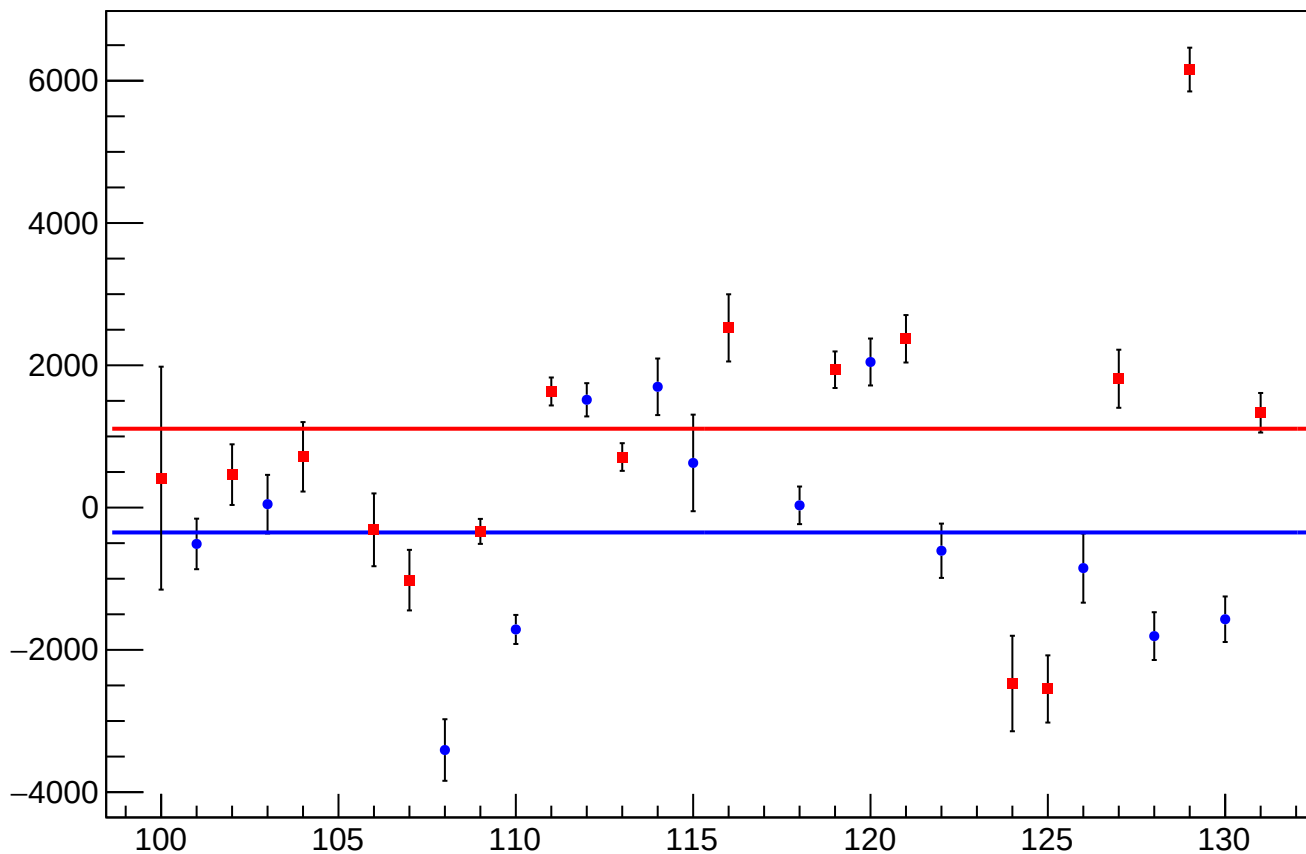
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.994+/-0.042 χ^2/NDF : 2363642.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l08WS_mean vs Slug



Right In: -349.549+/-90.095 χ^2/NDF : 277.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1108.486+/-76.919 χ^2/NDF : 510.0/15

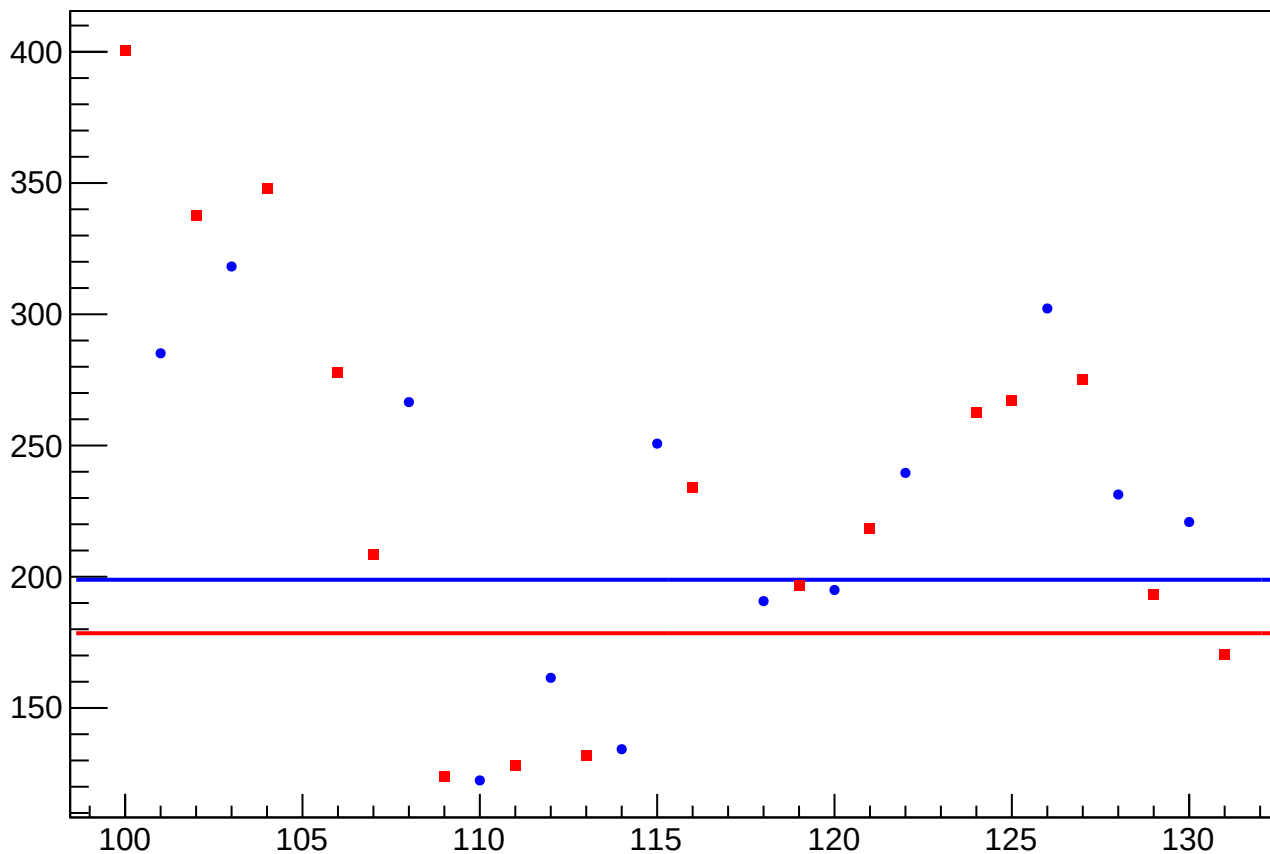
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 493.780+/-58.499 χ^2/NDF : 939.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l08WS_rms vs Slug



Right In: 198.857+/-0.064 χ^2/NDF : 874481.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.480+/-0.054 χ^2/NDF : 1373003.2/15

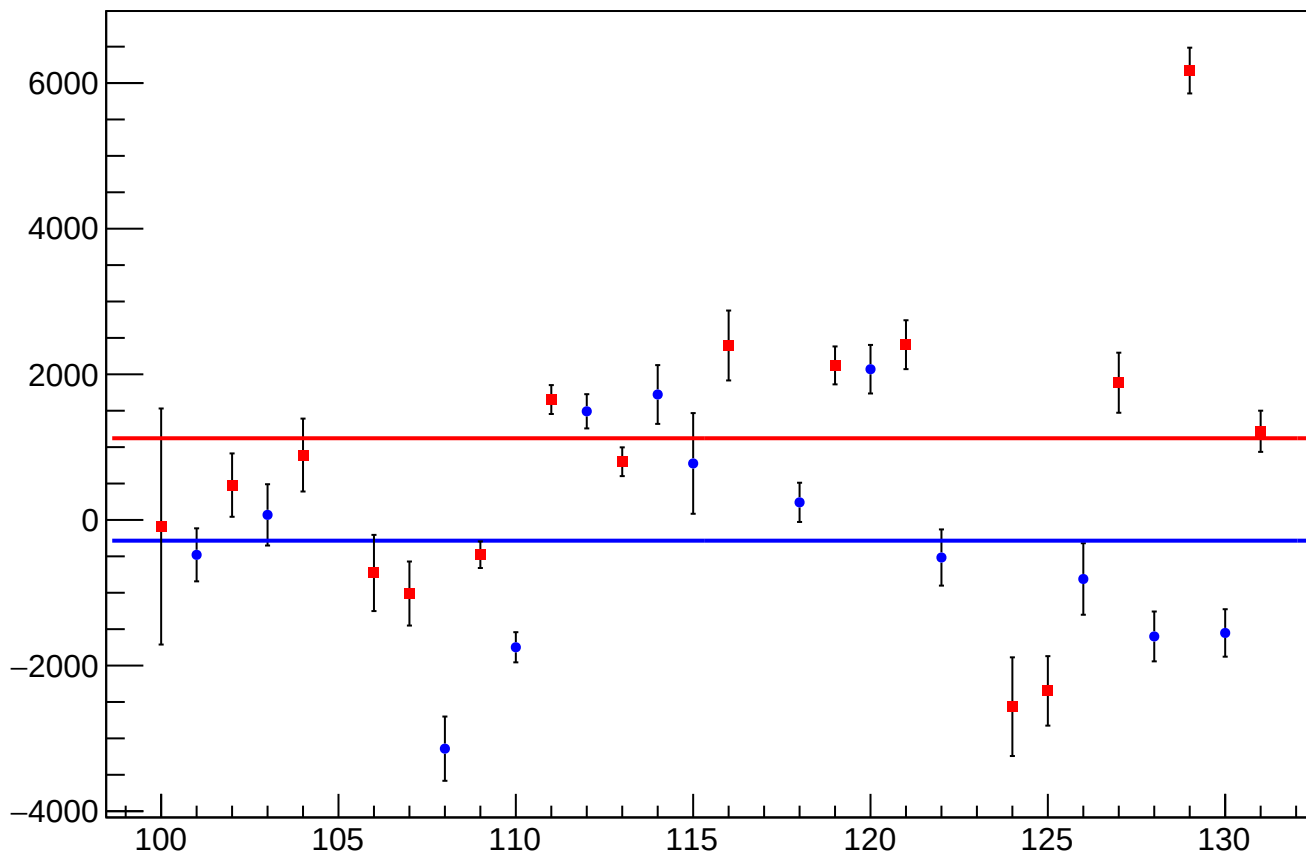
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.071+/-0.041 χ^2/NDF : 2306657.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l09WS_mean vs Slug



Right In: -284.742 ± 91.468 χ^2/NDF : 262.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1121.934 ± 78.459 χ^2/NDF : 506.0/15

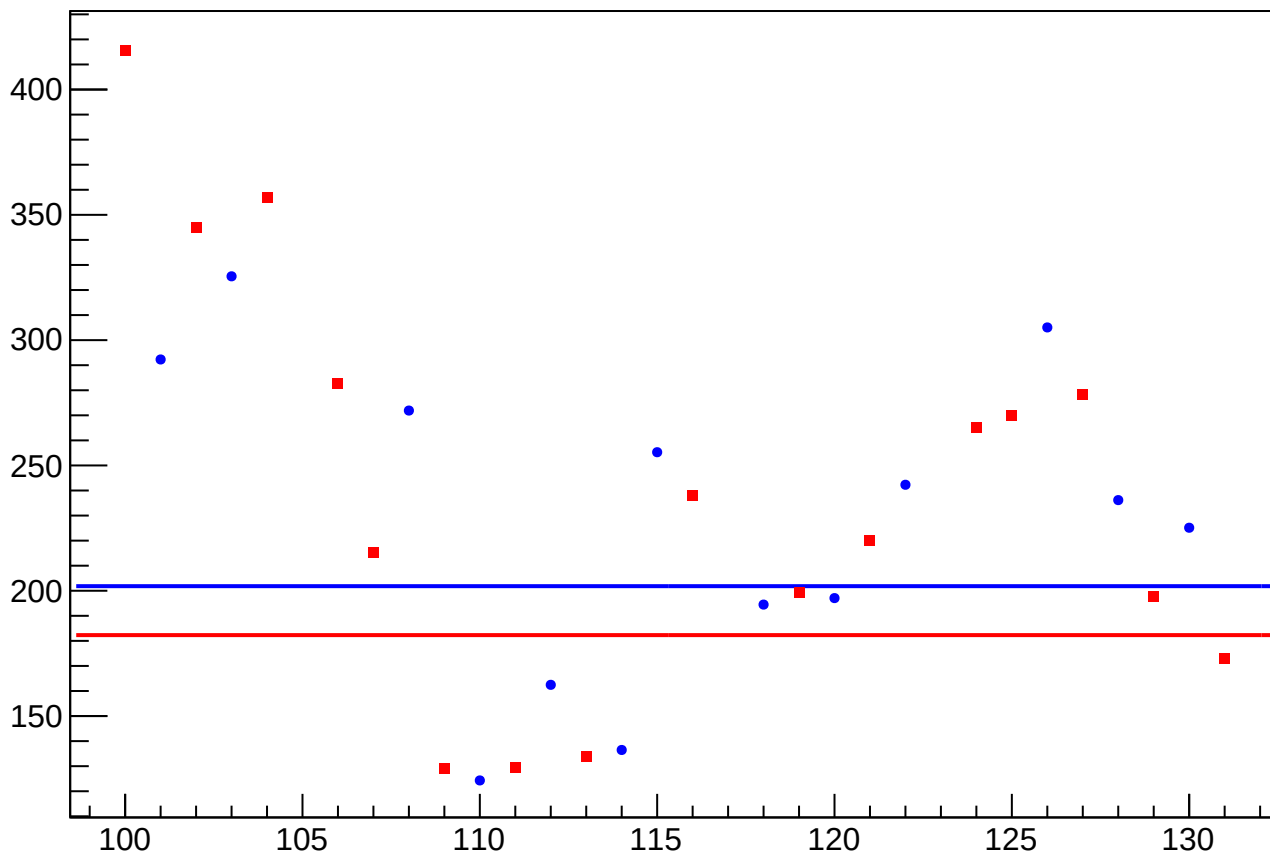
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 525.655 ± 59.552 χ^2/NDF : 904.4/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l09WS_rms vs Slug



Right In: 201.829+/-0.065 χ^2/NDF : 889556.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

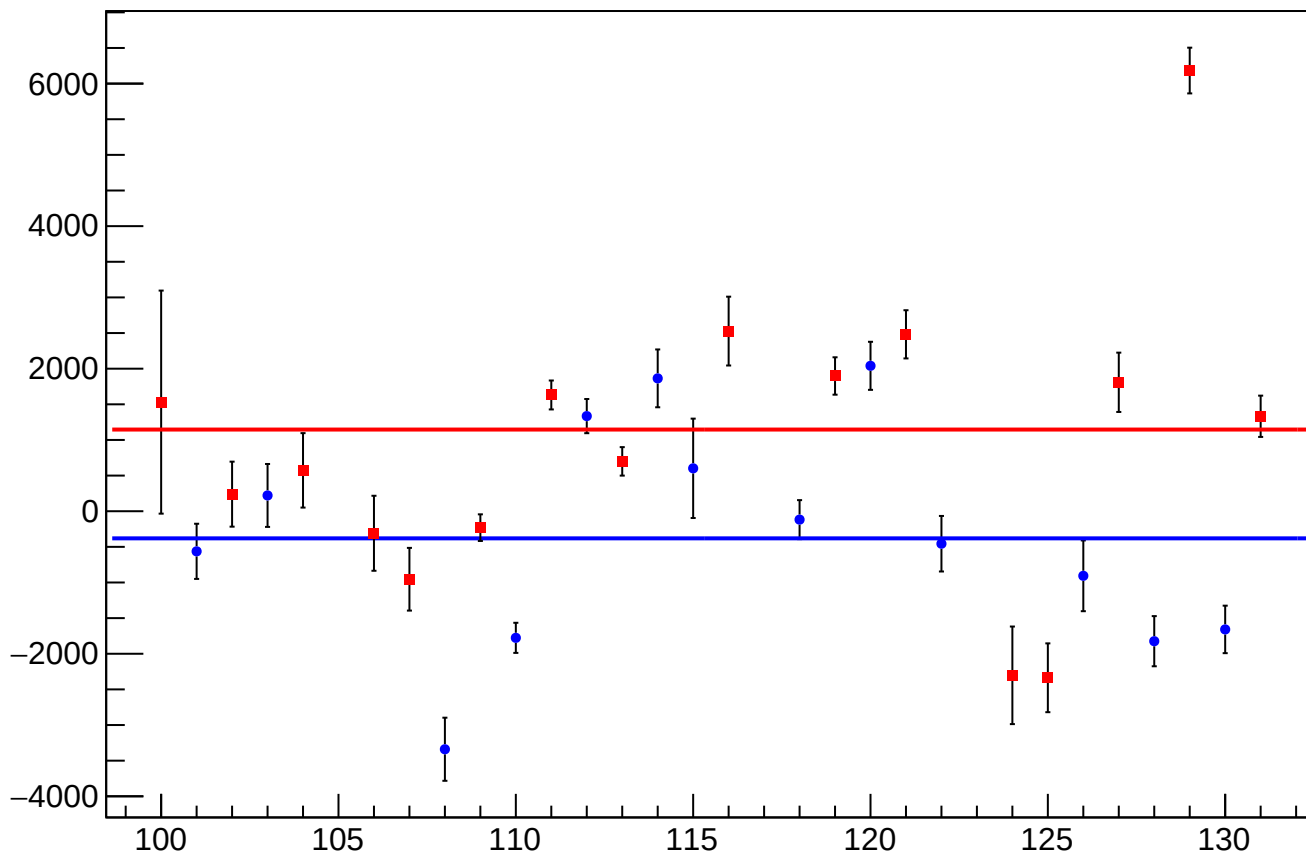
Right Out: 182.298+/-0.055 χ^2/NDF : 1351702.8/15

All: 190.577+/-0.042 χ^2/NDF : 2293793.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l10WS_mean vs Slug



Right In: -380.697+/-93.363 χ^2/NDF : 259.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1145.960+/-79.810 χ^2/NDF : 459.4/15

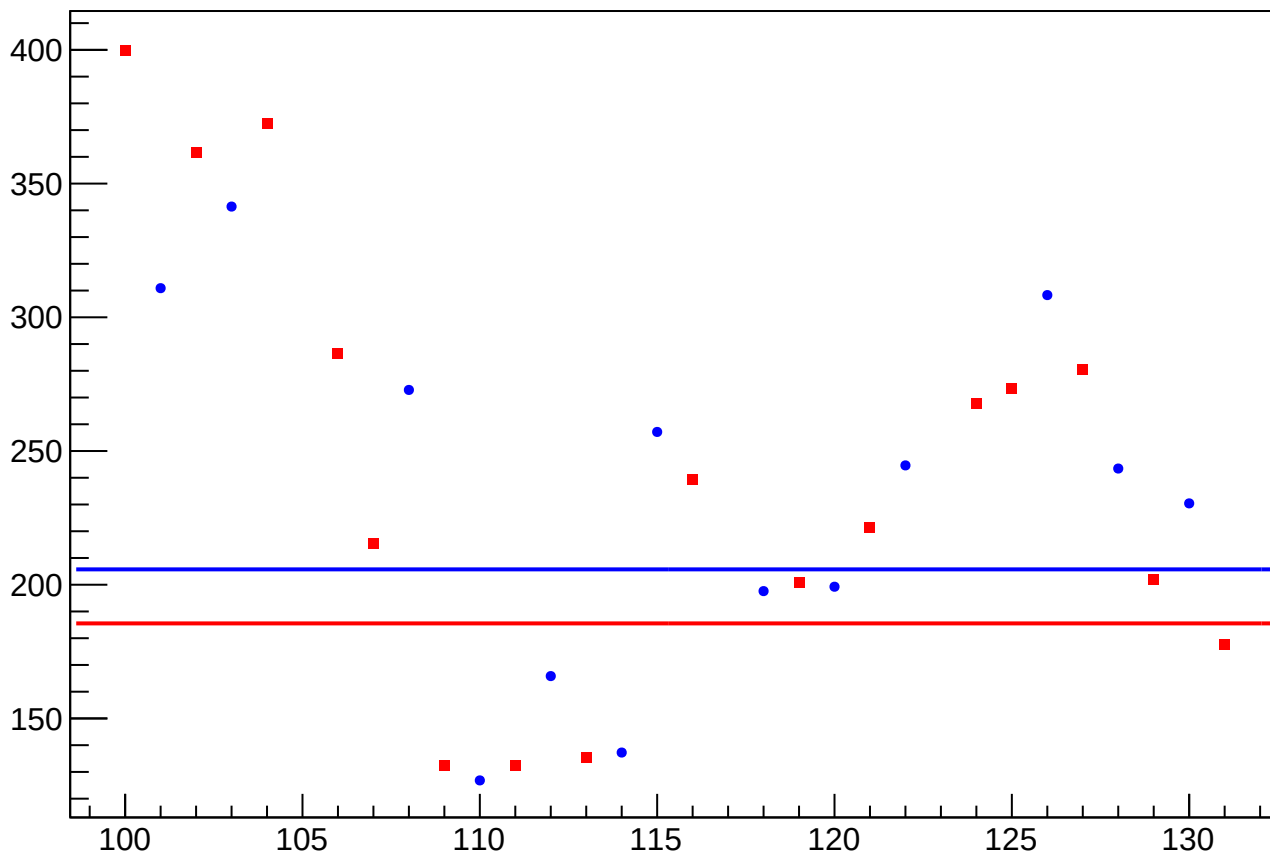
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 501.392+/-60.665 χ^2/NDF : 873.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l10WS_rms vs Slug



Right In: 205.743+/-0.066 χ^2/NDF : 926471.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.540+/-0.056 χ^2/NDF : 1360104.5/15

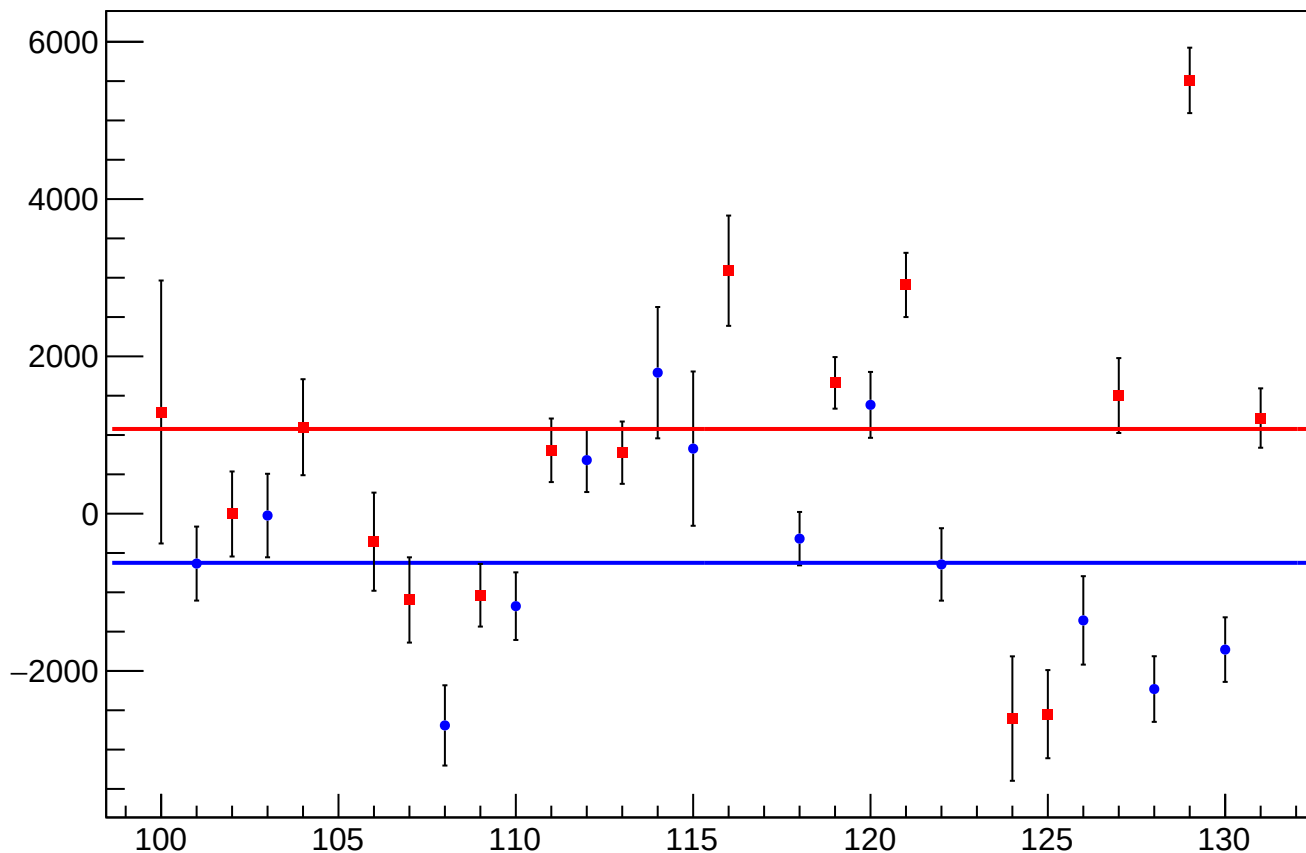
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 194.070+/-0.043 χ^2/NDF : 2340684.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0r03WS_mean vs Slug



Right In: -625.133+/-129.343 χ^2/NDF : 87.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1076.928+/-119.063 χ^2/NDF : 264.1/15

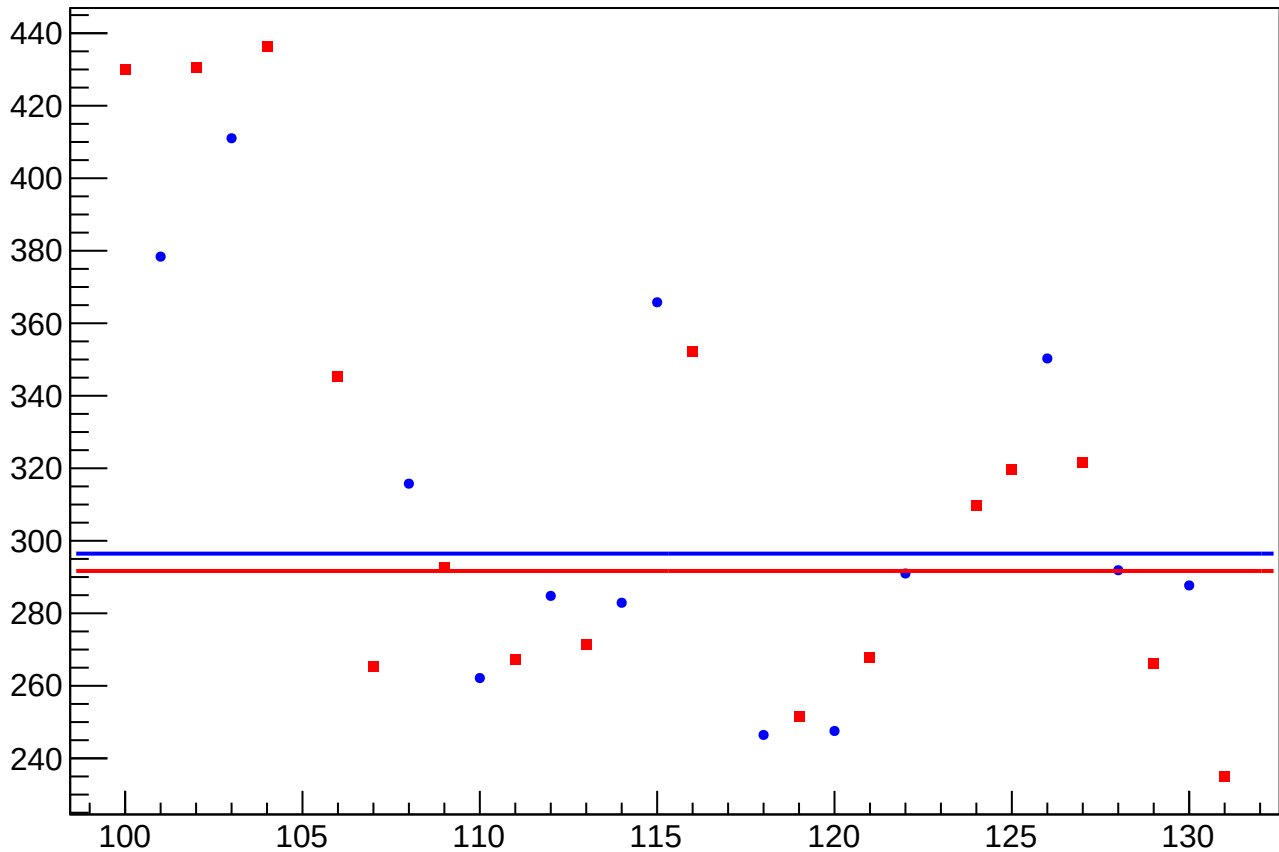
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 296.210+/-87.599 χ^2/NDF : 445.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0r03WS_rms vs Slug



Right In: 296.463 $\pm$ 0.091 χ^2 /NDF: 271945.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 291.676 $\pm$ 0.084 χ^2 /NDF: 408277.2/15

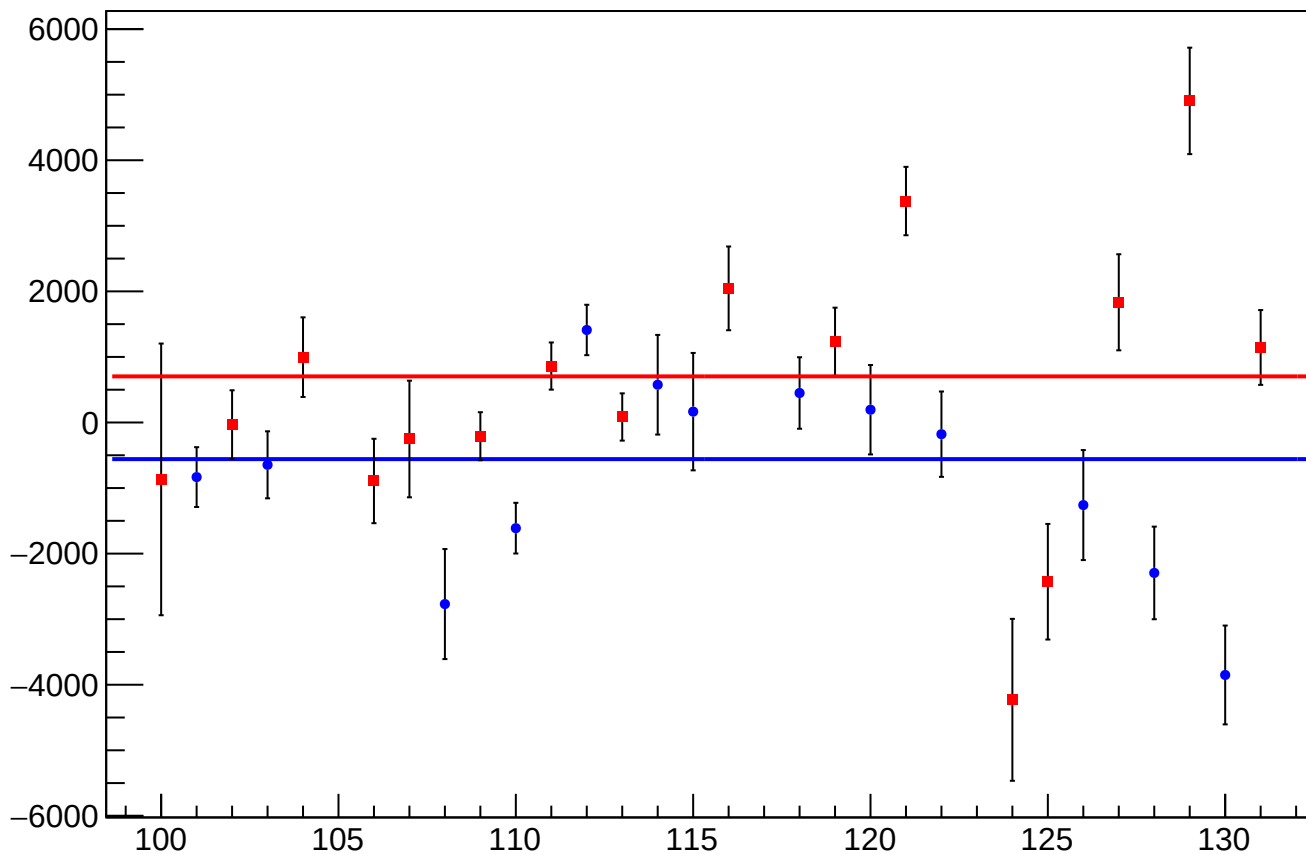
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 293.872 $\pm$ 0.062 χ^2 /NDF: 681705.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0r05WS_mean vs Slug



Right In: -558.734+/-159.003 χ^2 /NDF: 74.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 703.309+/-139.565 χ^2 /NDF: 109.5/15

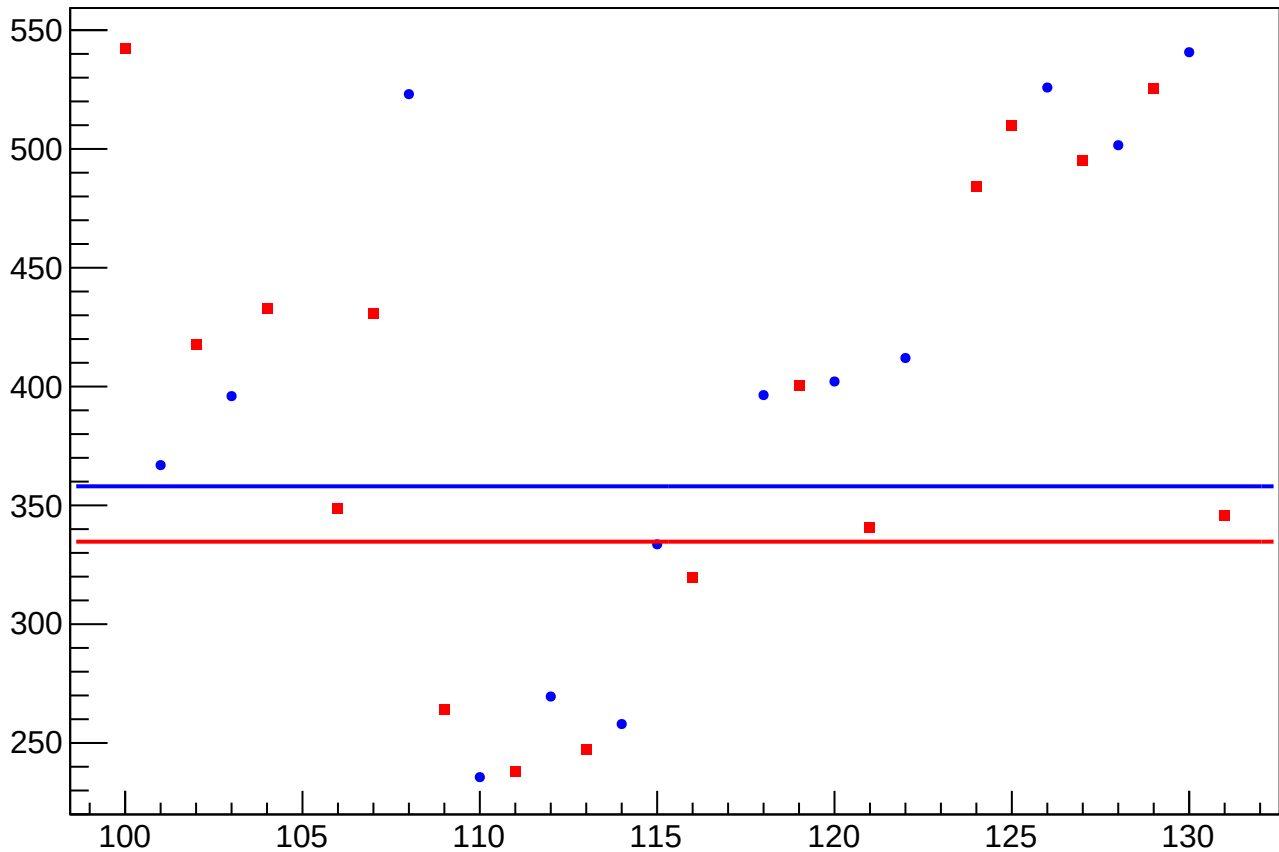
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 154.103+/-104.890 χ^2 /NDF: 219.8/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_bpm0r05WS_rms vs Slug



Right In: 358.018+/-0.112 χ^2/NDF : 743993.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 334.724+/-0.099 χ^2/NDF : 831401.7/15

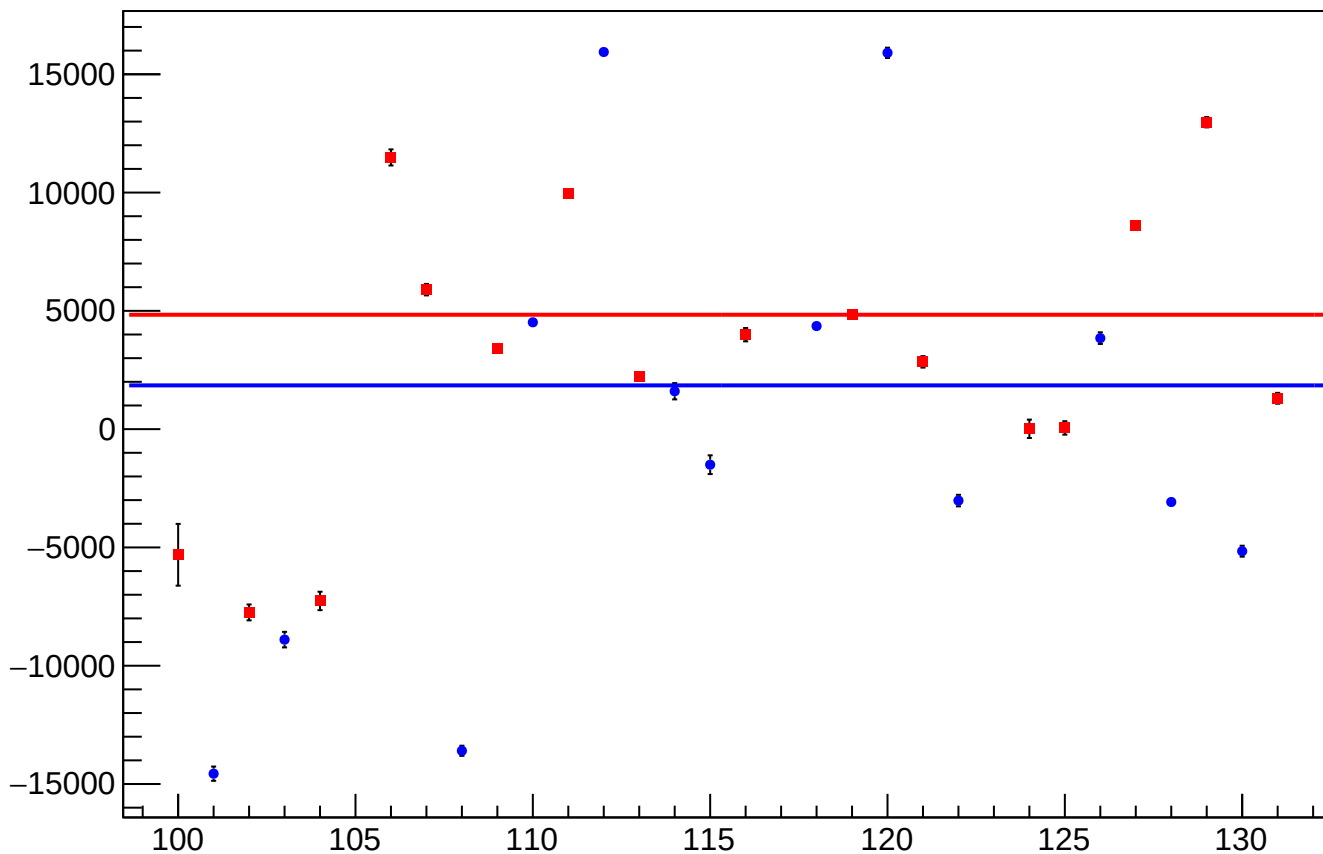
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 344.861+/-0.074 χ^2/NDF : 1599641.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02WS_mean vs Slug



Right In: 1849.663+/-62.303 χ^2/NDF : 22516.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4836.010+/-57.250 χ^2/NDF : 6720.4/15

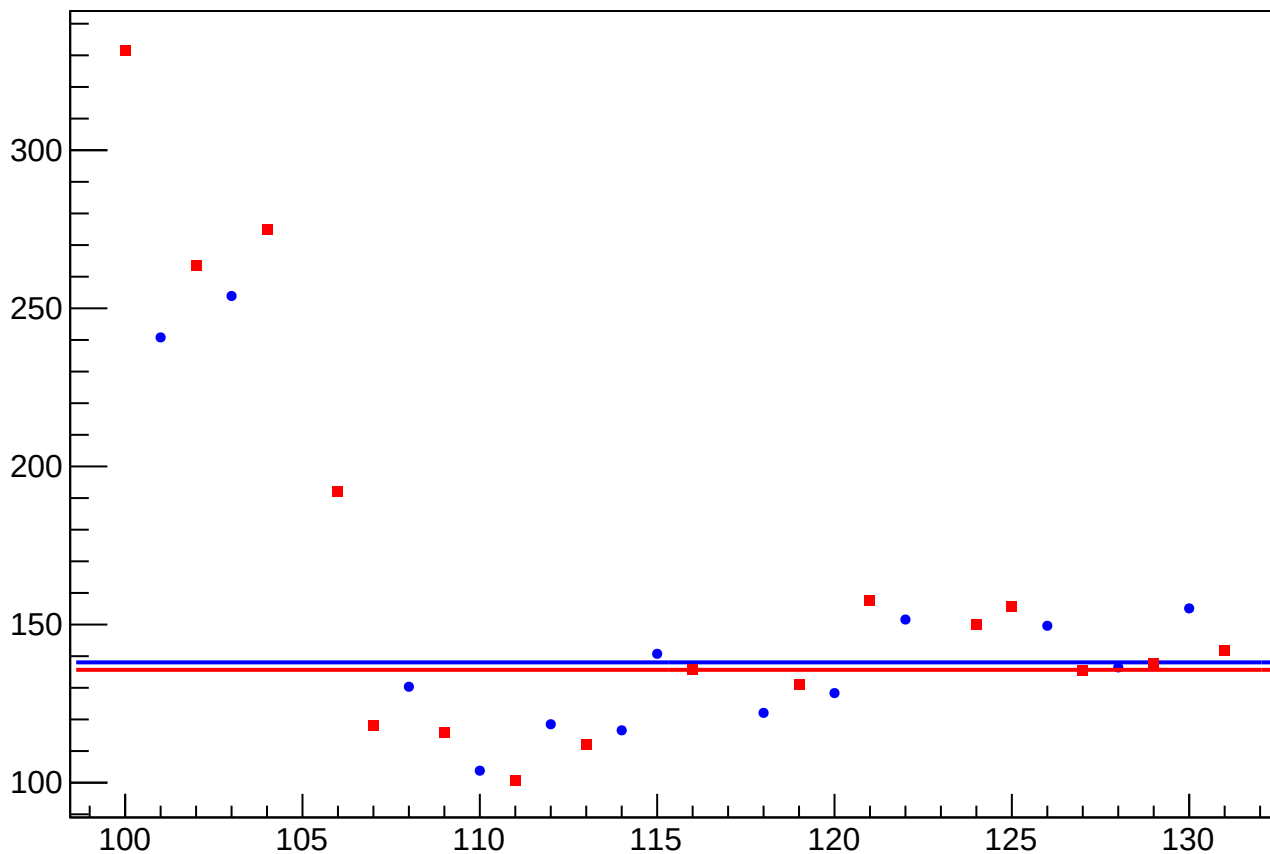
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3468.848+/-42.155 χ^2/NDF : 30482.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02WS_rms vs Slug



Right In: 138.048 $\pm$ 0.044 χ^2 /NDF: 637972.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 135.684 $\pm$ 0.040 χ^2 /NDF: 859108.8/15

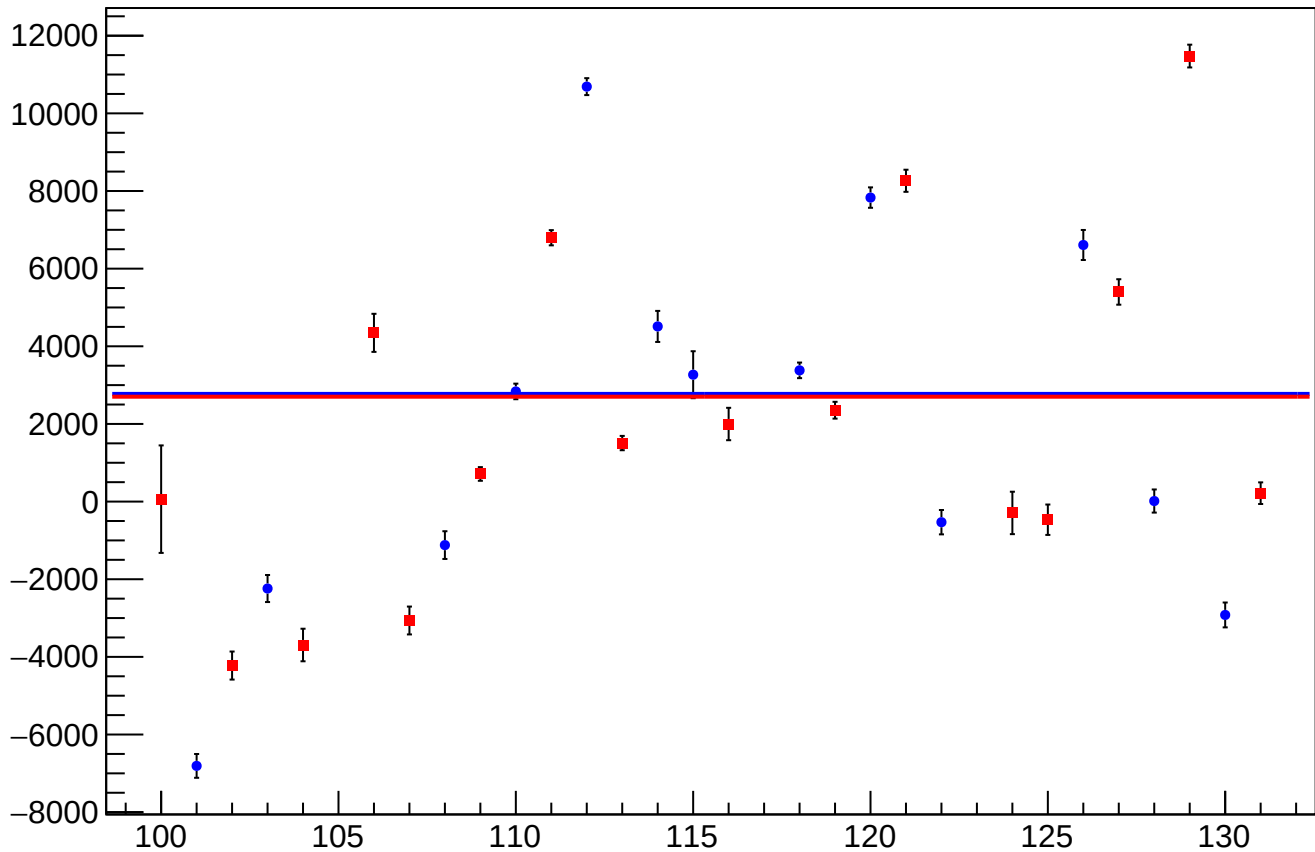
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 136.766 $\pm$ 0.030 χ^2 /NDF: 1498642.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i02aWS_mean vs Slug



Right In: 2773.738+/-79.378 χ^2 /NDF: 3629.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 2701.594+/-71.330 χ^2 /NDF: 3004.1/15

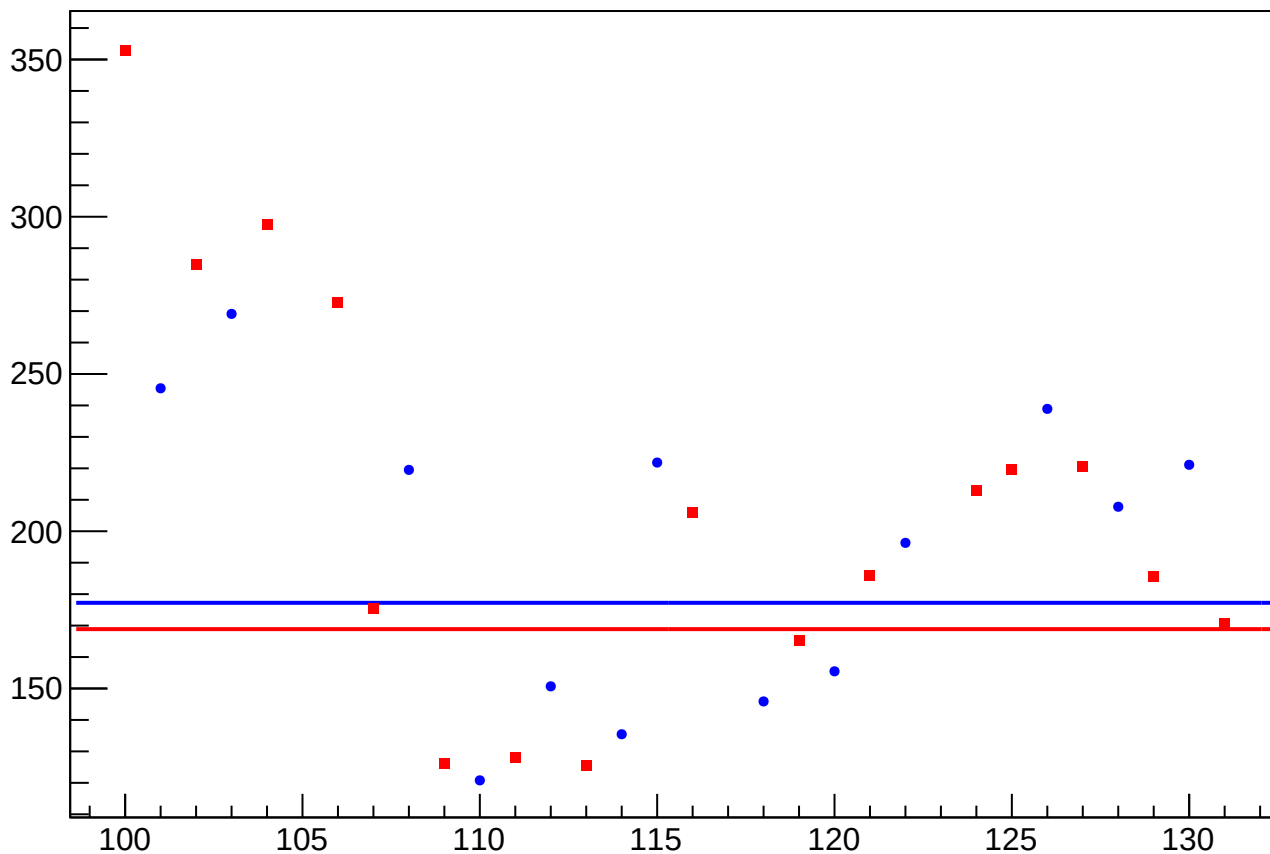
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 2733.824+/-53.056 χ^2 /NDF: 6634.4/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_bpm0i02aWS_rms vs Slug



Right In: 177.244+/-0.056 χ^2/NDF : 666115.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.874+/-0.050 χ^2/NDF : 963175.0/15

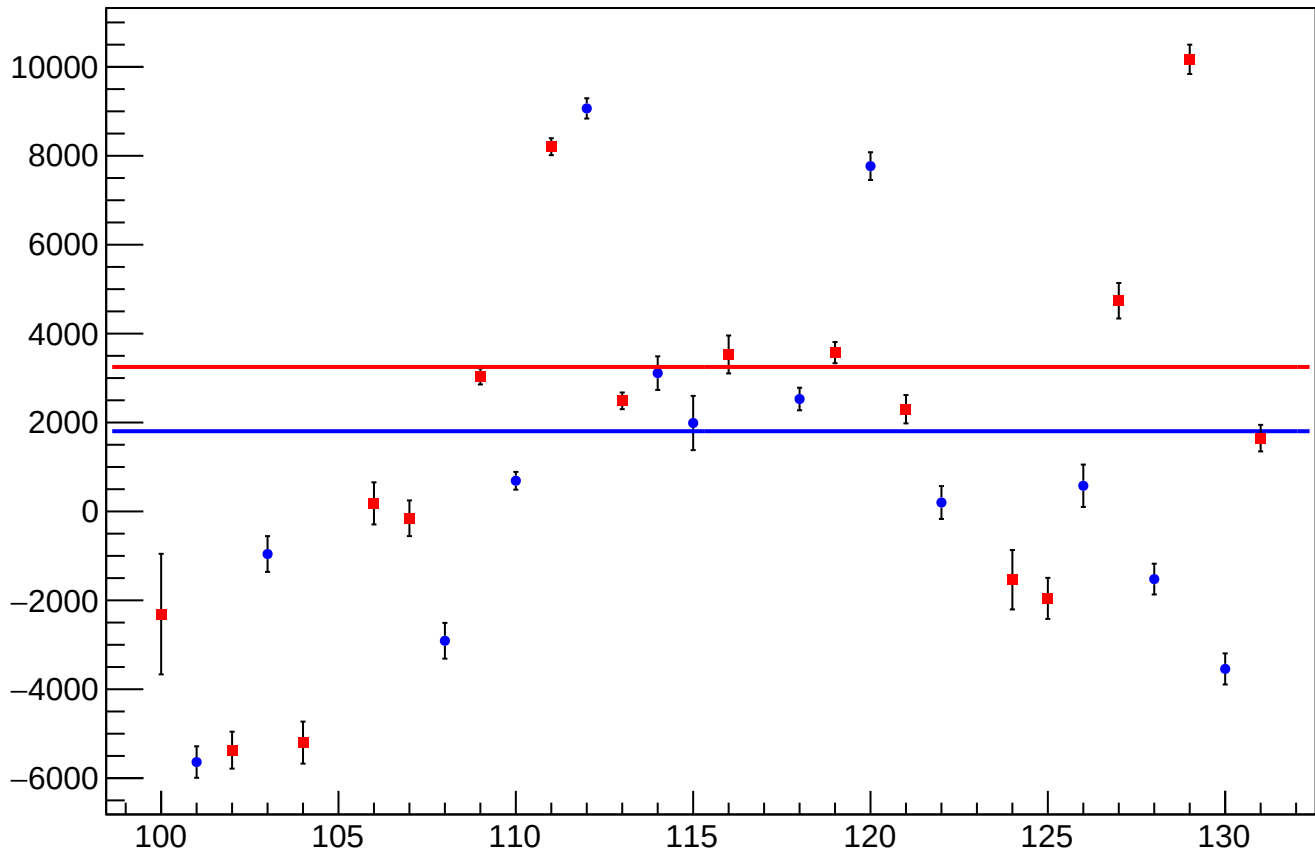
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.613+/-0.038 χ^2/NDF : 1641594.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i05WS_mean vs Slug



Right In: 1804.419+/-88.255 χ^2/NDF : 2408.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3249.843+/-75.678 χ^2/NDF : 2243.0/15

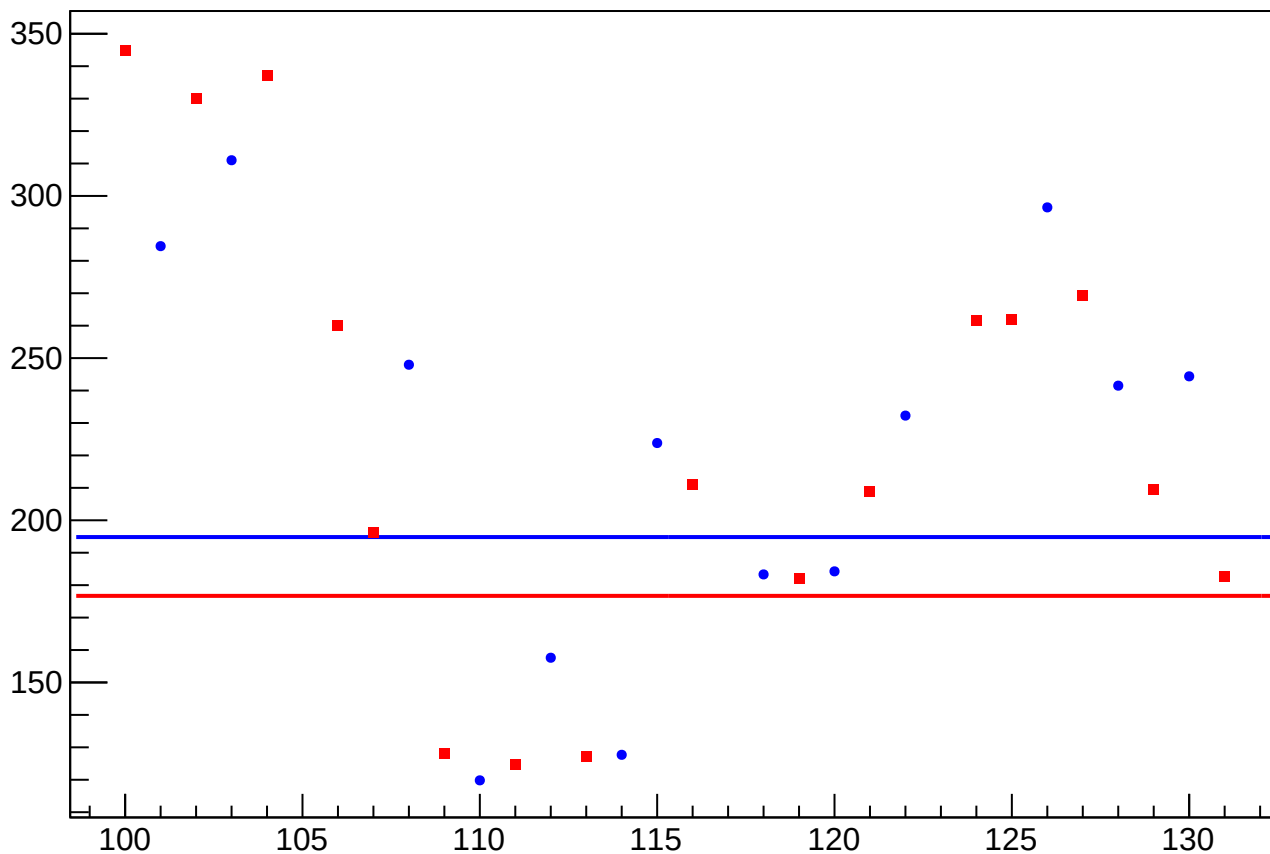
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2637.374+/-57.449 χ^2/NDF : 4806.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i05WS_rms vs Slug



Right In: 194.829+/-0.062 χ^2/NDF : 927240.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.698+/-0.054 χ^2/NDF : 1295552.1/15

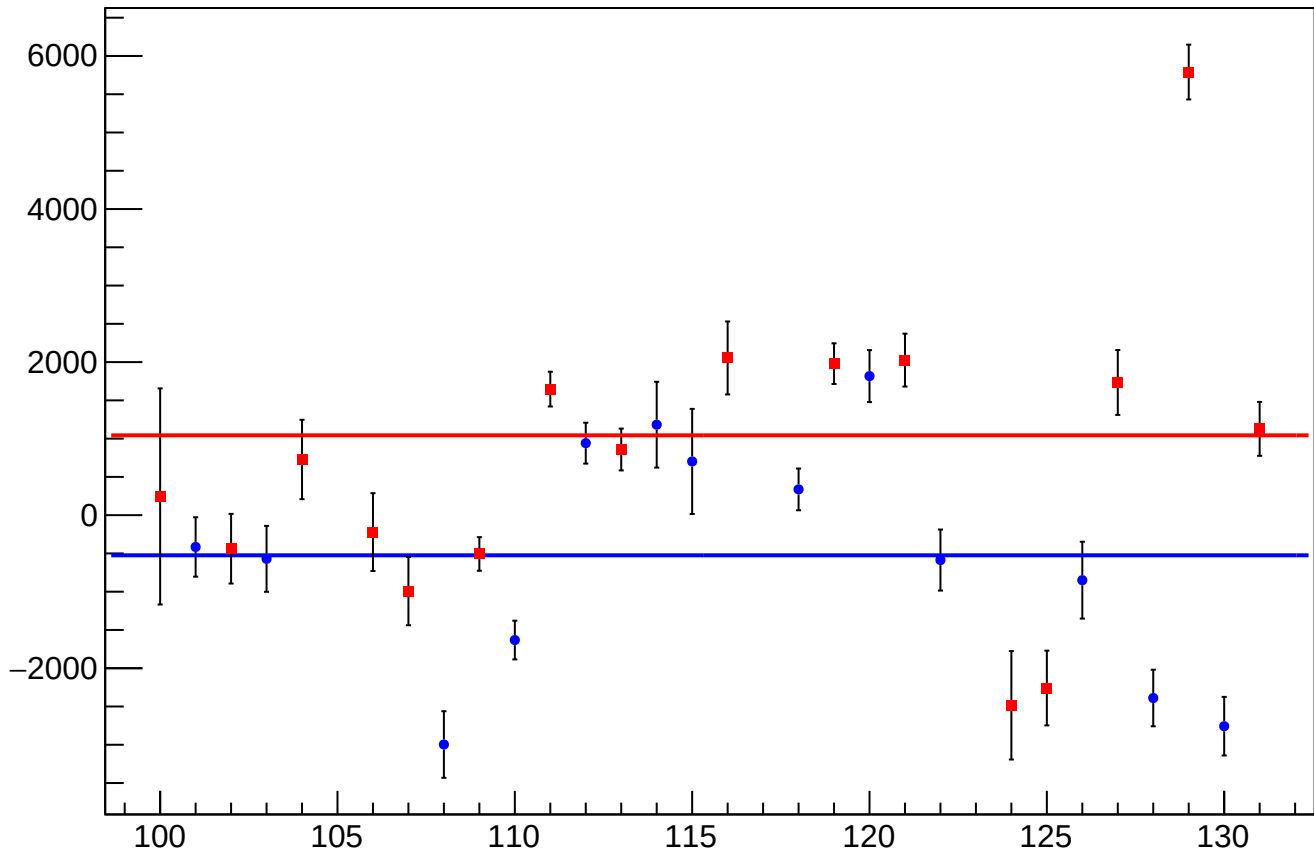
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.380+/-0.041 χ^2/NDF : 2271432.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i07WS_mean vs Slug



Right In: -524.510 $\pm$ 100.608 χ^2 /NDF: 211.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1042.906 $\pm$ 89.073 χ^2 /NDF: 369.9/15

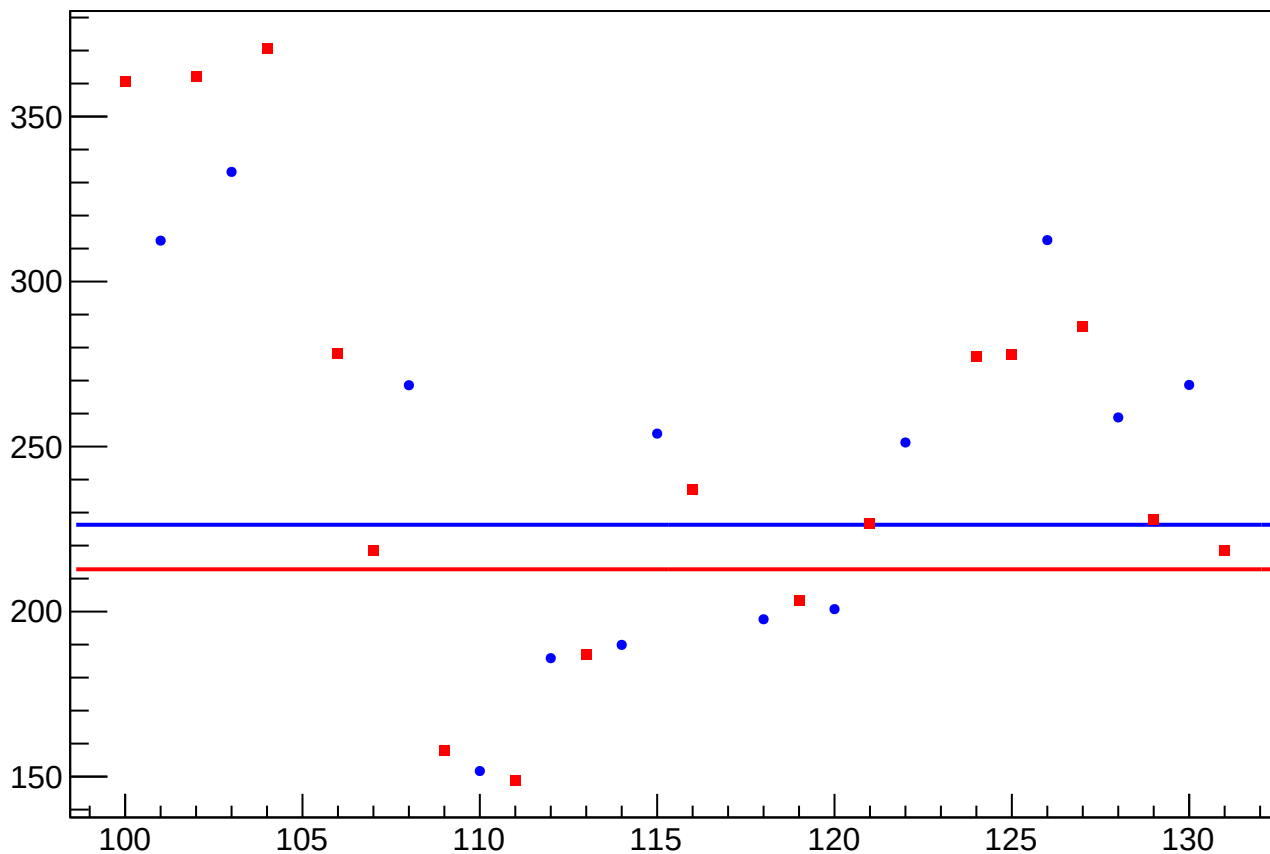
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 354.171 $\pm$ 66.691 χ^2 /NDF: 717.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i07WS_rms vs Slug



Right In: 226.306 ± 0.071 χ^2/NDF : 612389.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 212.815 ± 0.063 χ^2/NDF : 883149.6/15

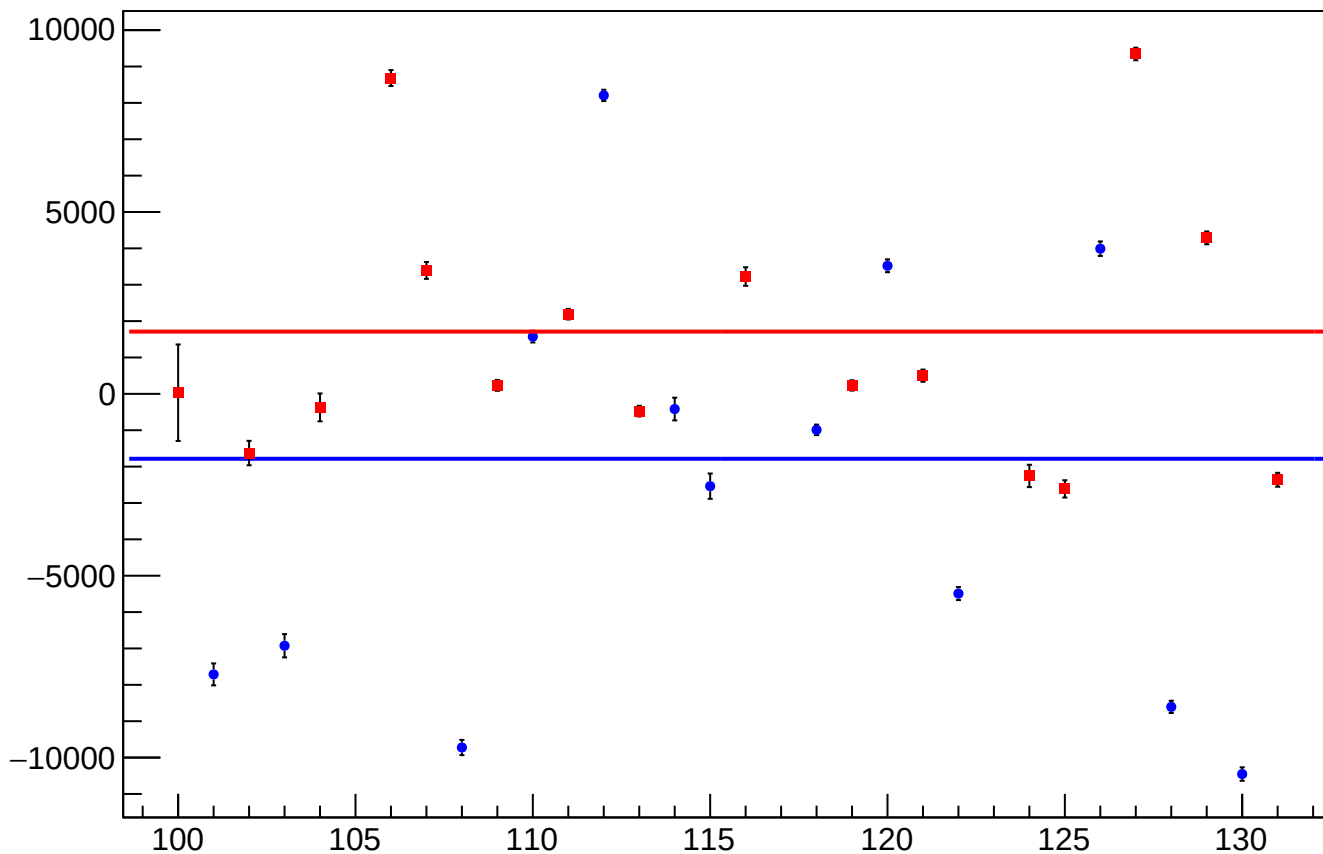
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 218.743 ± 0.047 χ^2/NDF : 1515697.9/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm1i02WS_mean vs Slug



Right In: -1785.167 ± 54.058 $\chi^2/\text{NDF}: 12688.6/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1711.874 ± 49.059 $\chi^2/\text{NDF}: 4829.0/15$

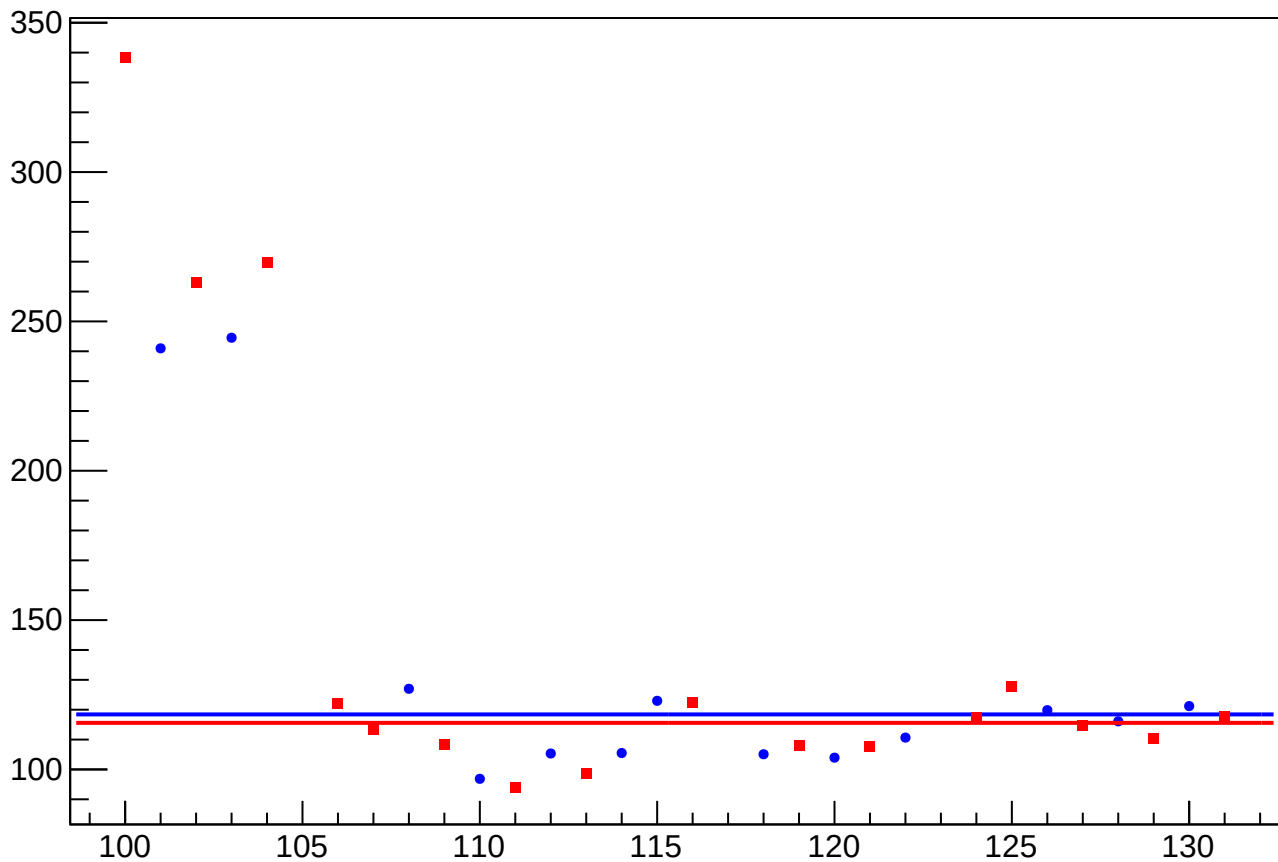
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 132.506 ± 36.329 $\chi^2/\text{NDF}: 19812.4/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_bpm1i02WS_rms vs Slug



Right In: 118.424+/-0.038 χ^2/NDF : 731415.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.593+/-0.035 χ^2/NDF : 862455.5/15

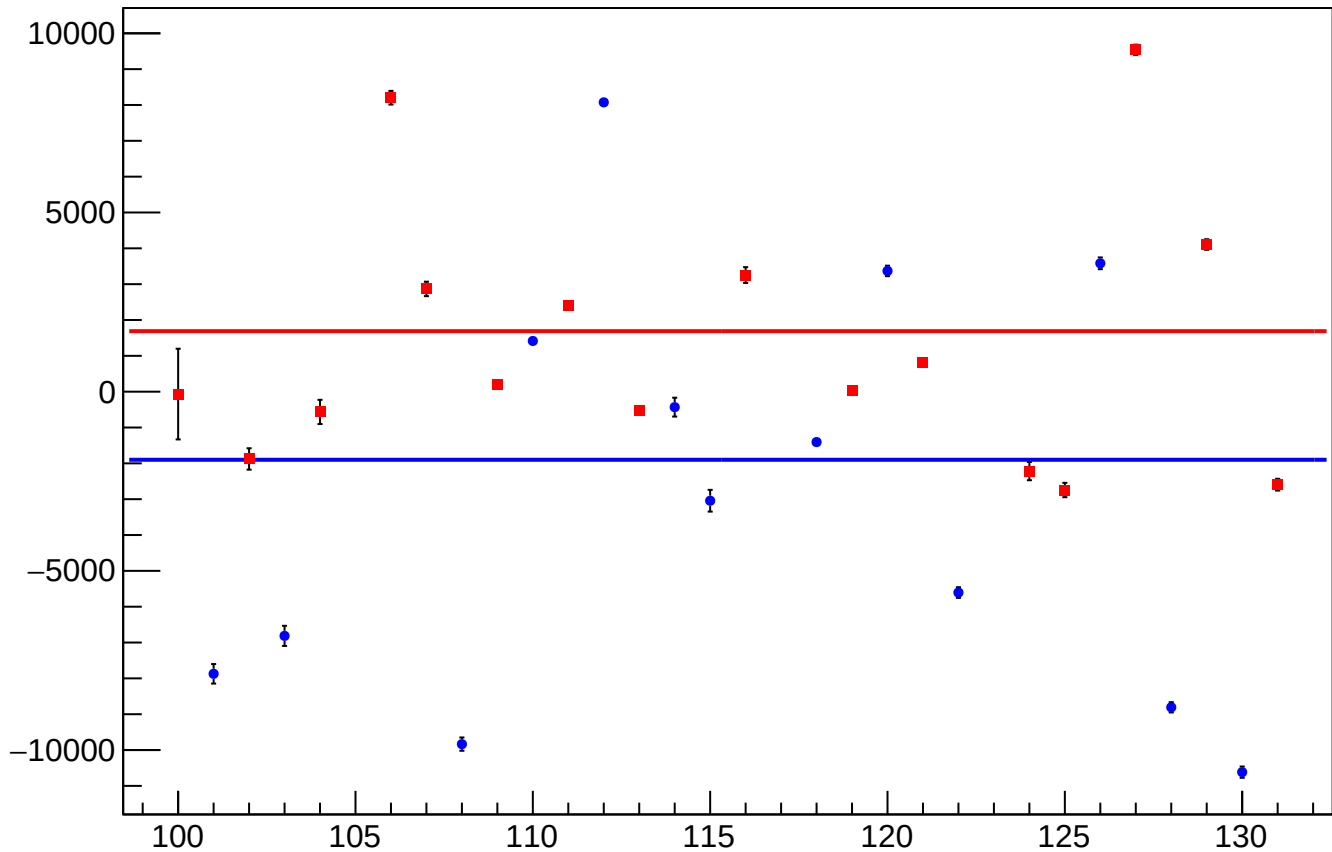
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.871+/-0.026 χ^2/NDF : 1596880.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm1i04WS_mean vs Slug



Right In: -1899.975 ± 45.881 χ^2/NDF : 17235.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1688.733 ± 41.672 χ^2/NDF : 6825.2/15

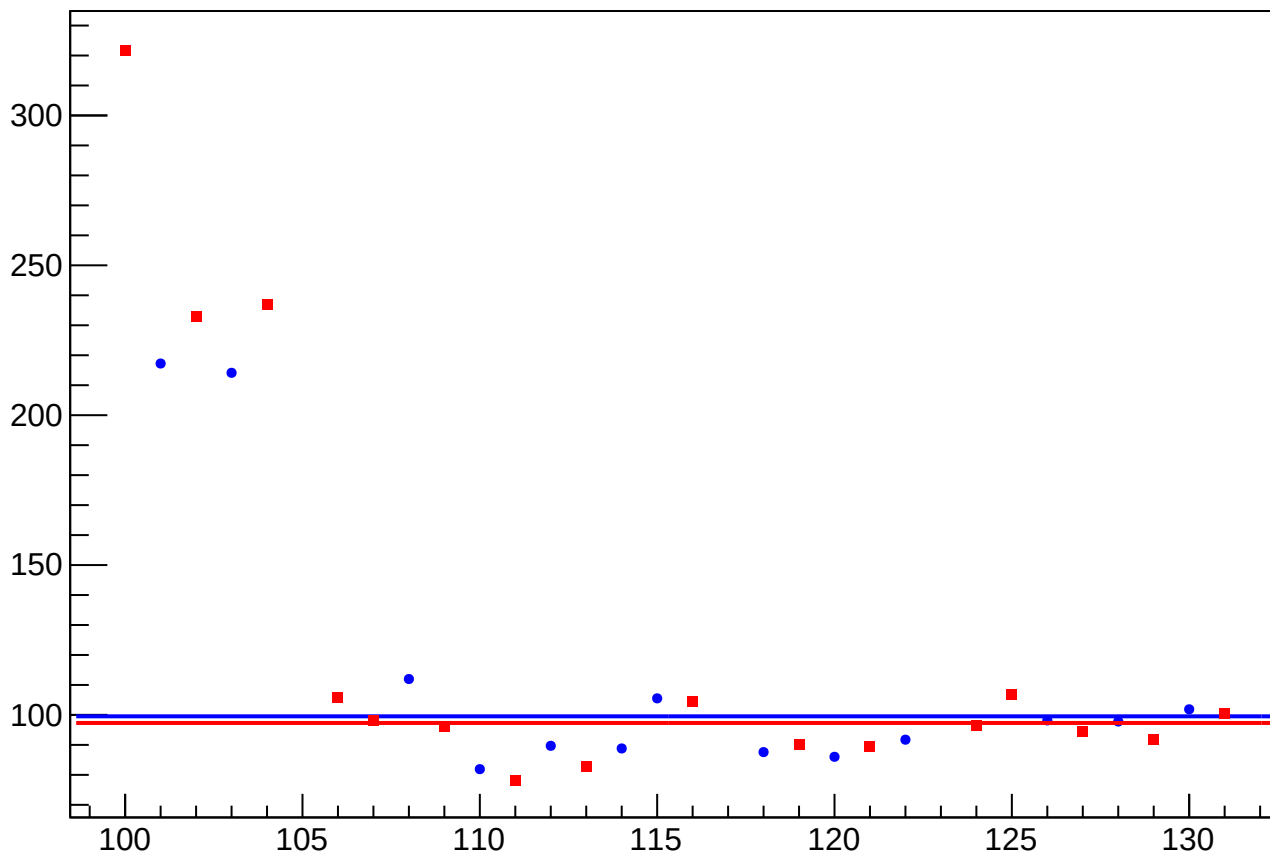
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 66.531 ± 30.847 χ^2/NDF : 27413.4/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm1i04WS_rms vs Slug



Right In: 99.533+/-0.032 χ^2/NDF : 806719.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.318+/-0.029 χ^2/NDF : 924233.0/15

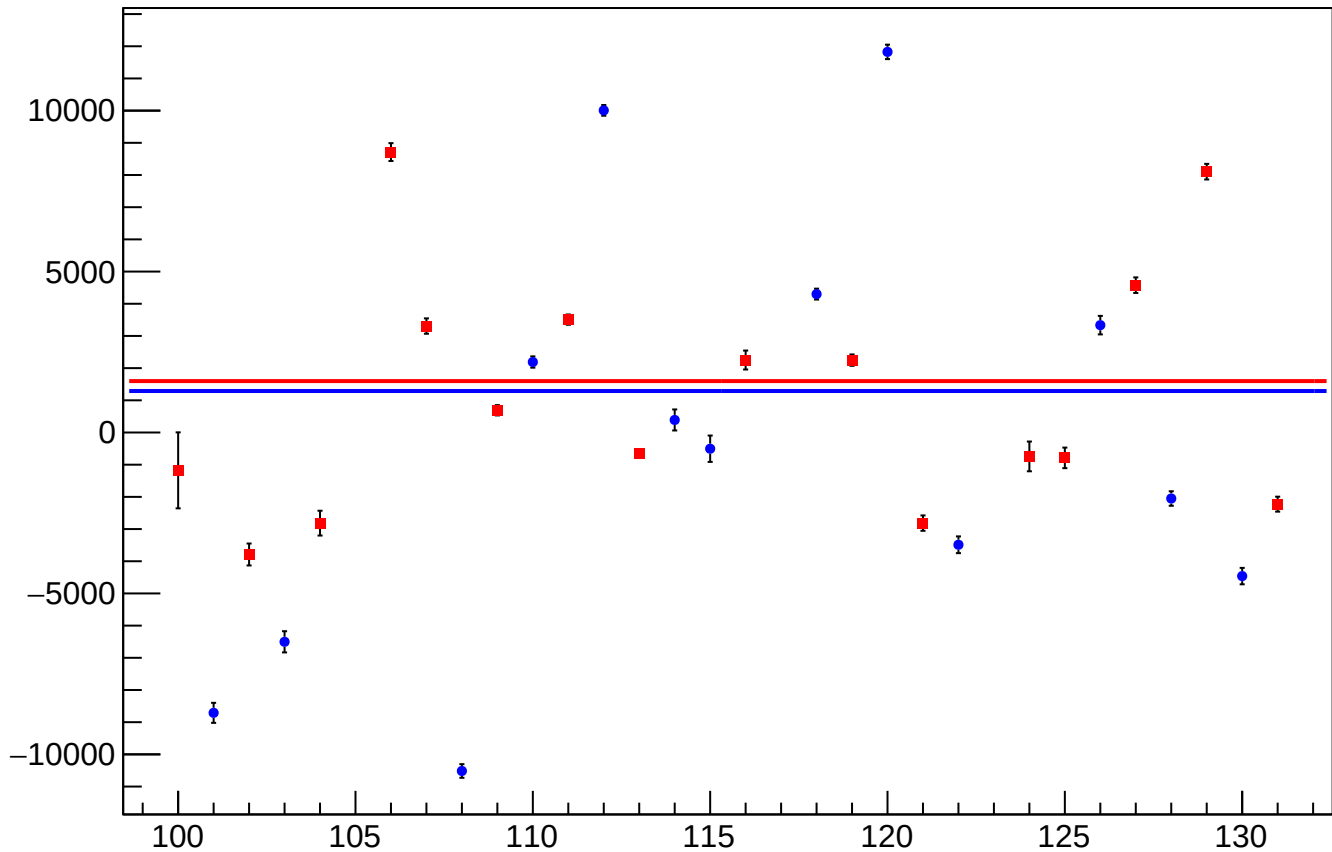
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.320+/-0.022 χ^2/NDF : 1733506.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm1i06WS_mean vs Slug



Right In: 1288.841+/-64.237 χ^2/NDF : 11119.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1597.586+/-58.377 χ^2/NDF : 3059.0/15

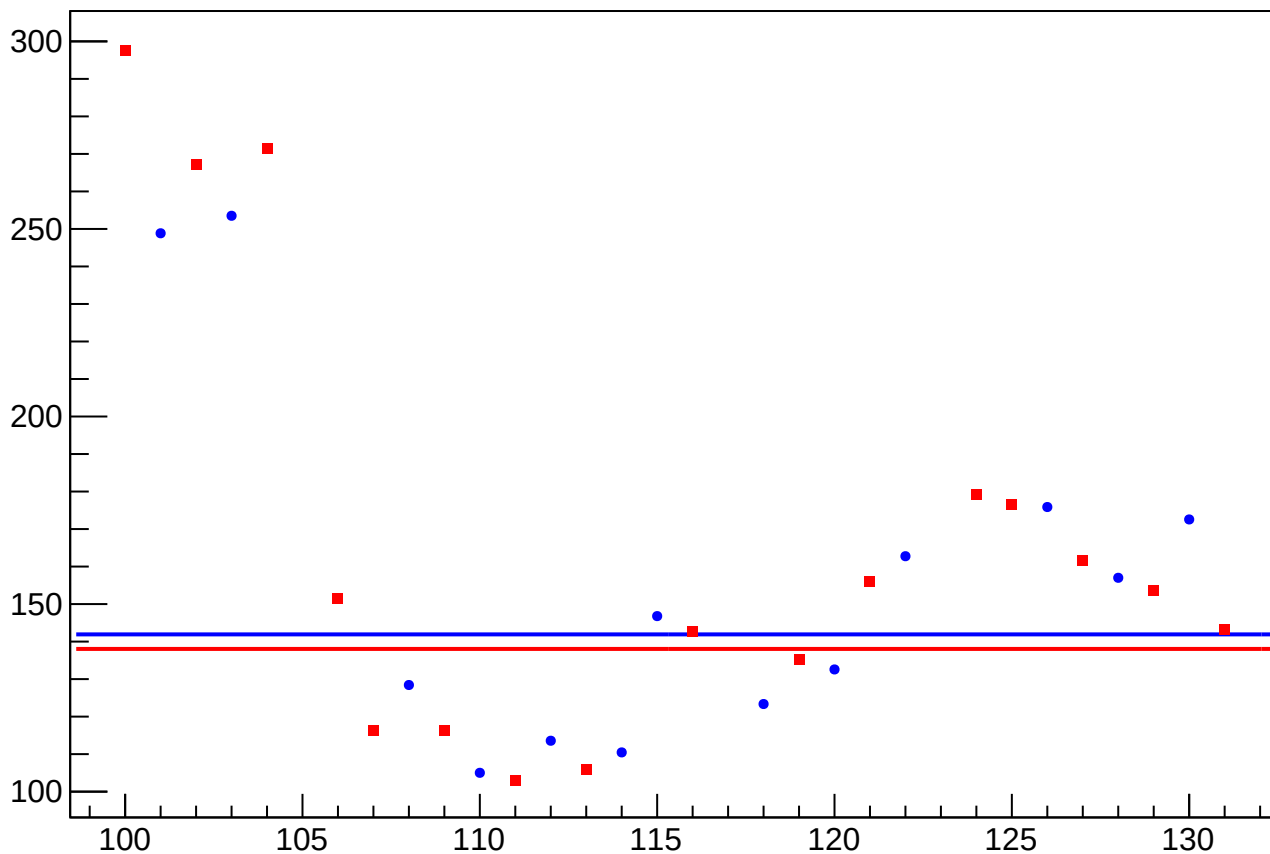
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1457.934+/-43.202 χ^2/NDF : 14191.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm1i06WS_rms vs Slug



Right In: 141.920 $\pm$ 0.045 χ^2 /NDF: 744894.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 138.044 $\pm$ 0.041 χ^2 /NDF: 886056.7/15

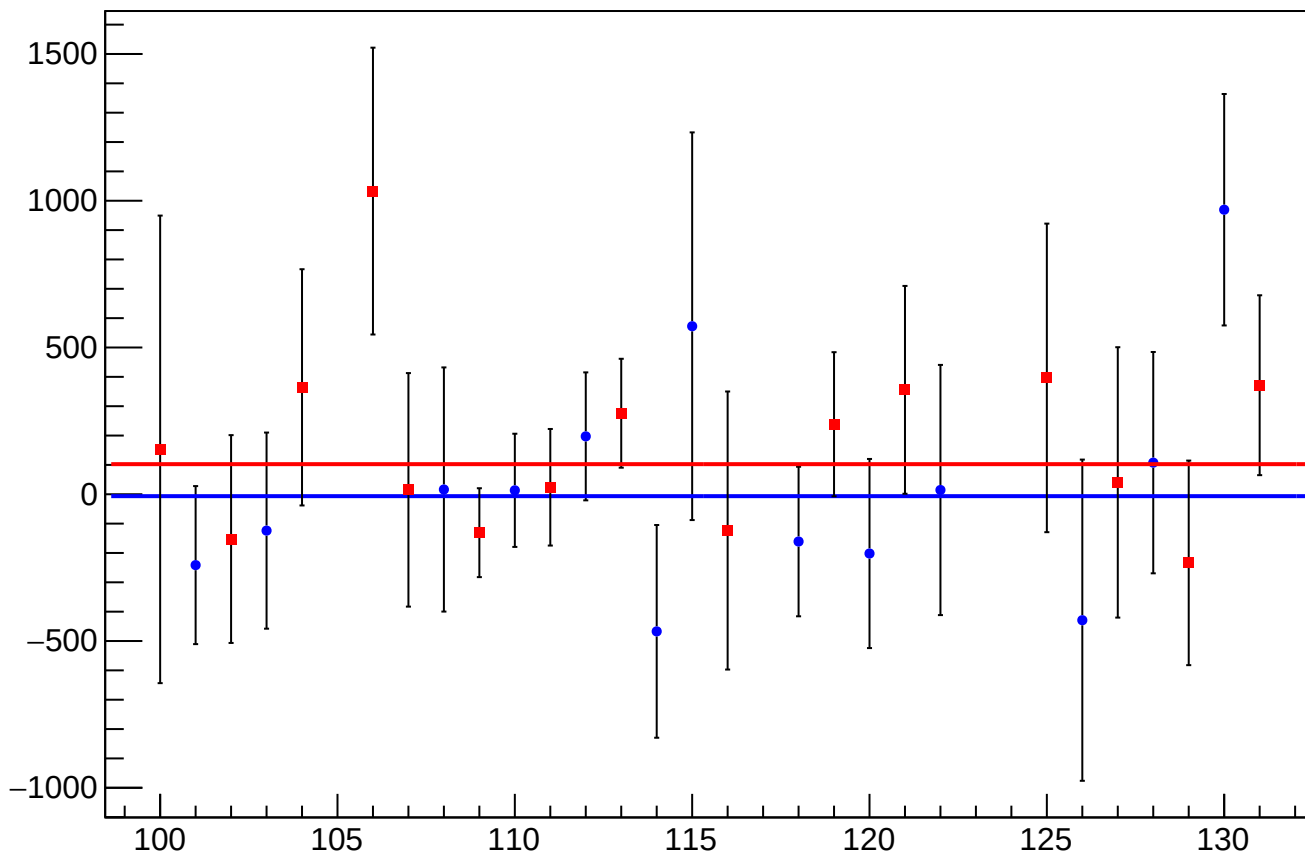
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 139.797 $\pm$ 0.031 χ^2 /NDF: 1634939.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_2an_us_an_ds_avg_mean vs Slug



Right In: -6.467 $\pm$ 86.472 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 102.556 $\pm$ 74.431 χ^2 /NDF: 11.1/14

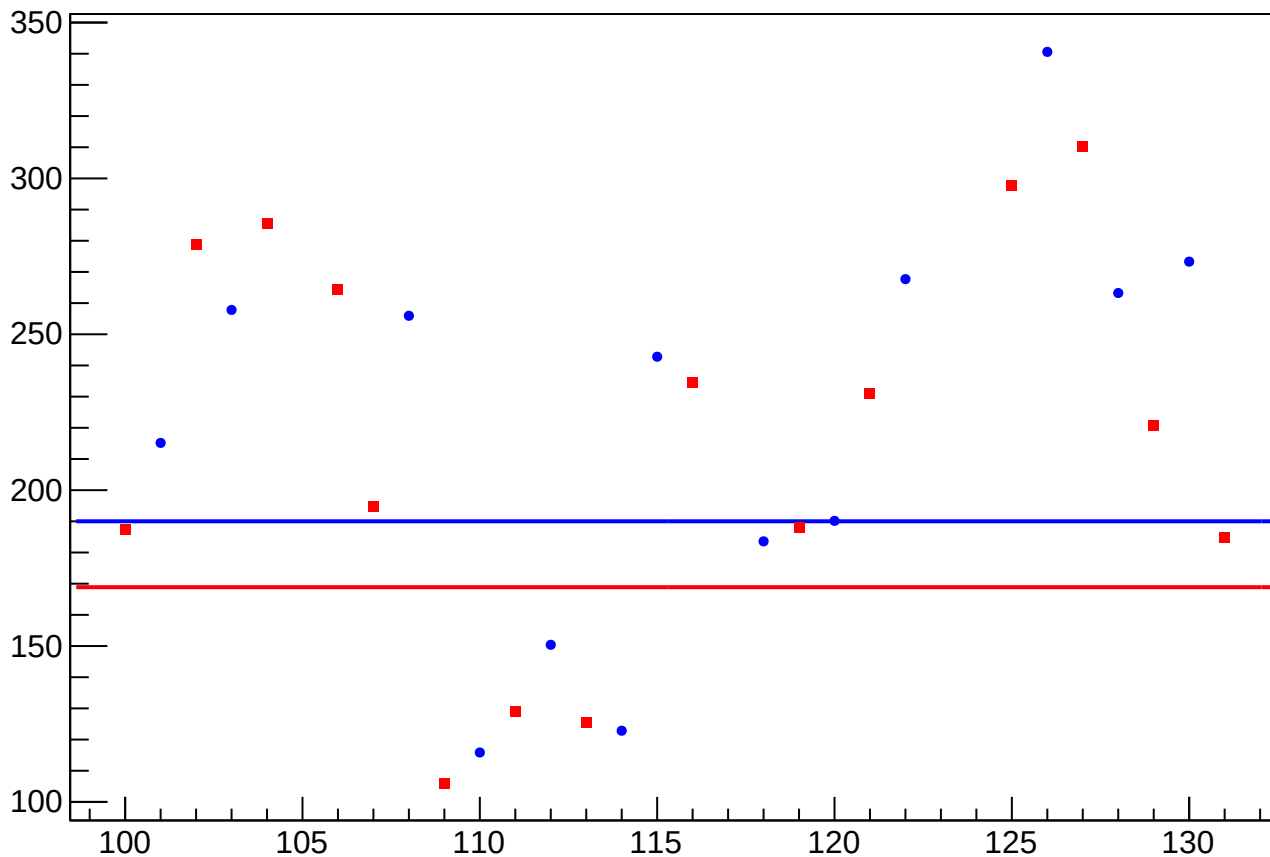
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: 56.158 $\pm$ 56.411 χ^2 /NDF: 23.7/27

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

asym_bcm_2an_us_an_ds_avg_rms vs Slug



Right In: 190.017+/-0.061 χ^2/NDF : 977322.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

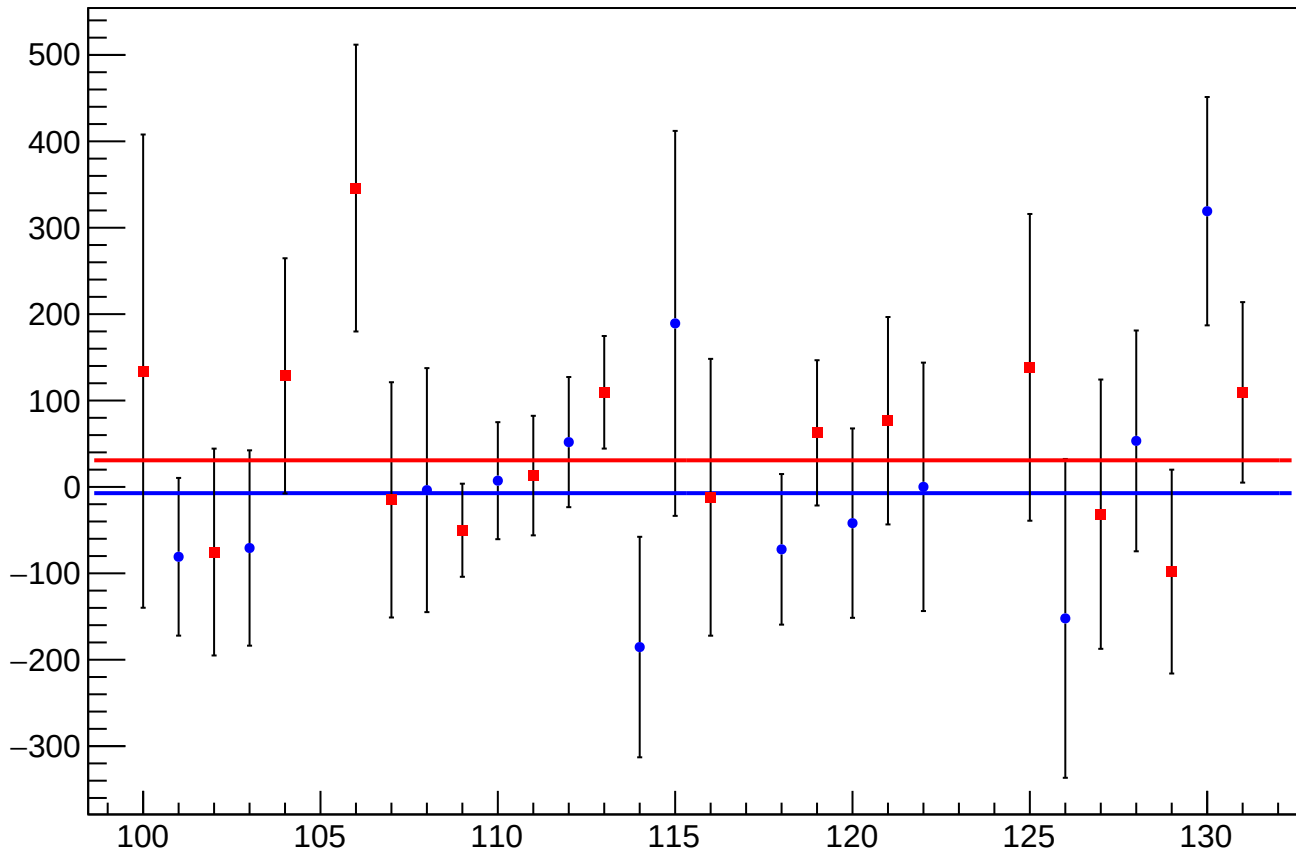
Right Out: 168.879+/-0.053 χ^2/NDF : 1453329.4/14

All: 177.875+/-0.040 χ^2/NDF : 2499296.4/27

- 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_2an_us_an_ds_dd_mean vs Slug



Right In: -7.206+/-29.677 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.802+/-25.798 χ^2/NDF : 11.6/14

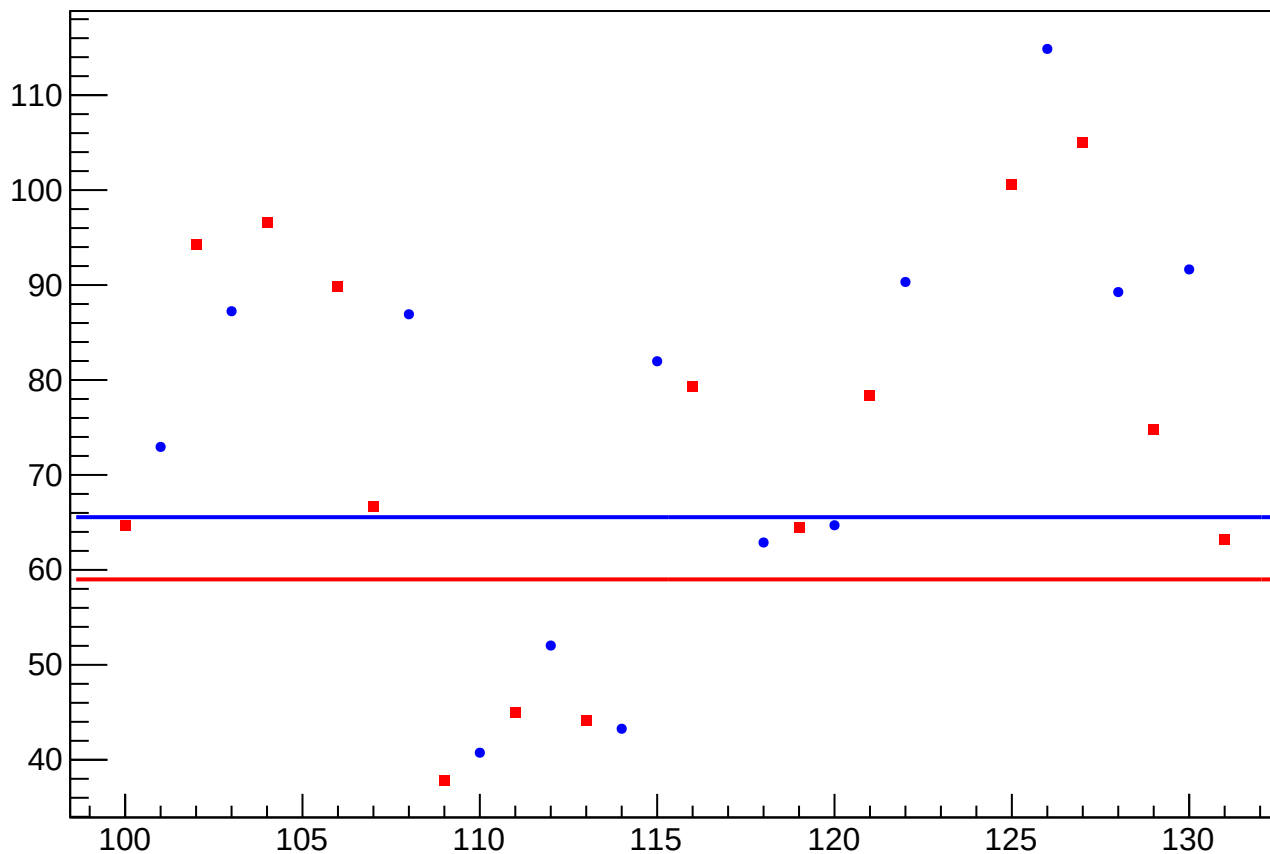
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.442+/-19.470 χ^2/NDF : 24.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_2an_us_an_ds_dd_rms vs Slug



Right In: 65.553 $\pm$ 0.021 χ^2 /NDF: 888184.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 58.999 $\pm$ 0.018 χ^2 /NDF: 1313862.3/14

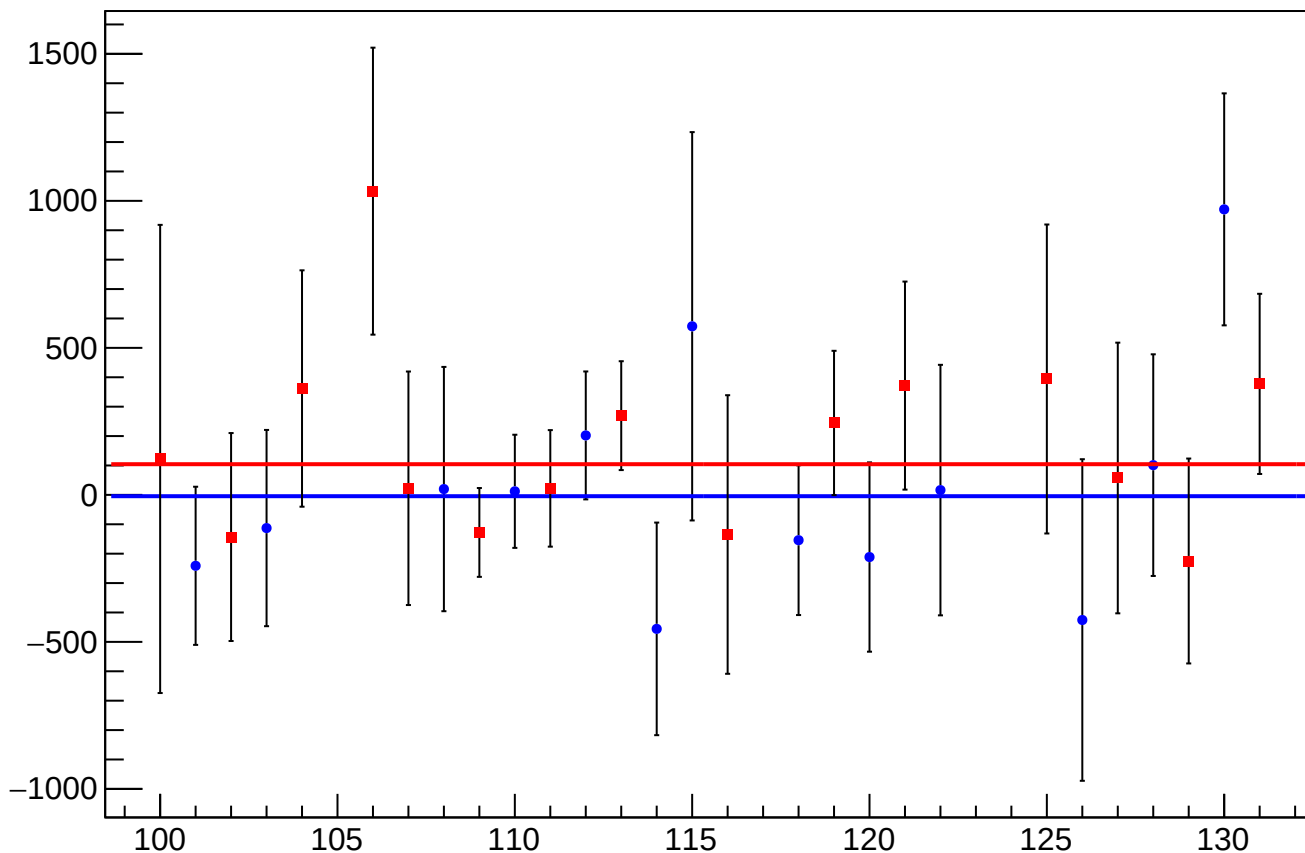
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 61.820 $\pm$ 0.014 χ^2 /NDF: 2257593.2/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_an_ds_avg_mean vs Slug



Right In: -4.515 ± 86.368 χ^2/NDF : 11.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 104.334 ± 74.321 χ^2/NDF : 11.0/14

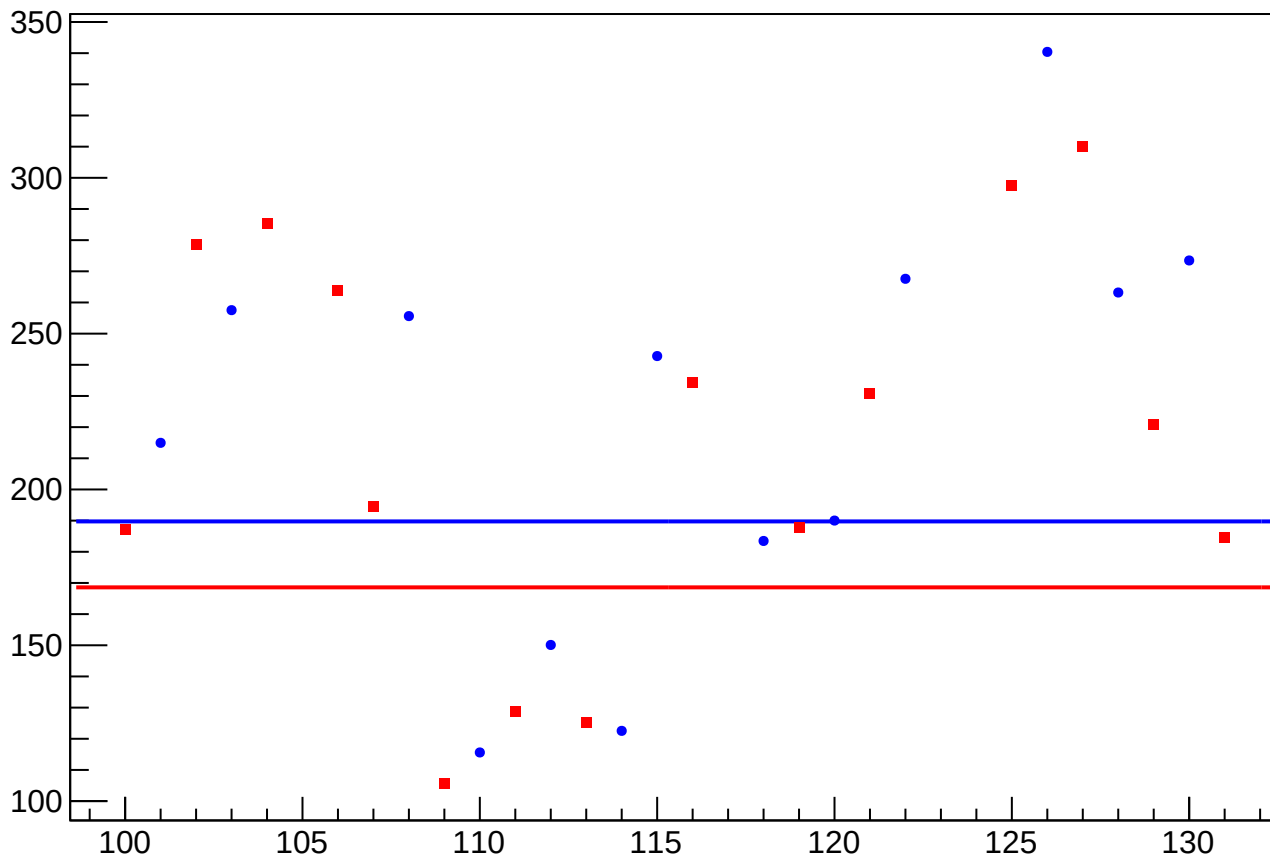
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 58.025 ± 56.335 χ^2/NDF : 23.6/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds_avg_rms vs Slug



Right In: 189.747 ± 0.061 $\chi^2/\text{NDF}: 981523.4/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 168.586 ± 0.053 $\chi^2/\text{NDF}: 1458493.8/14$

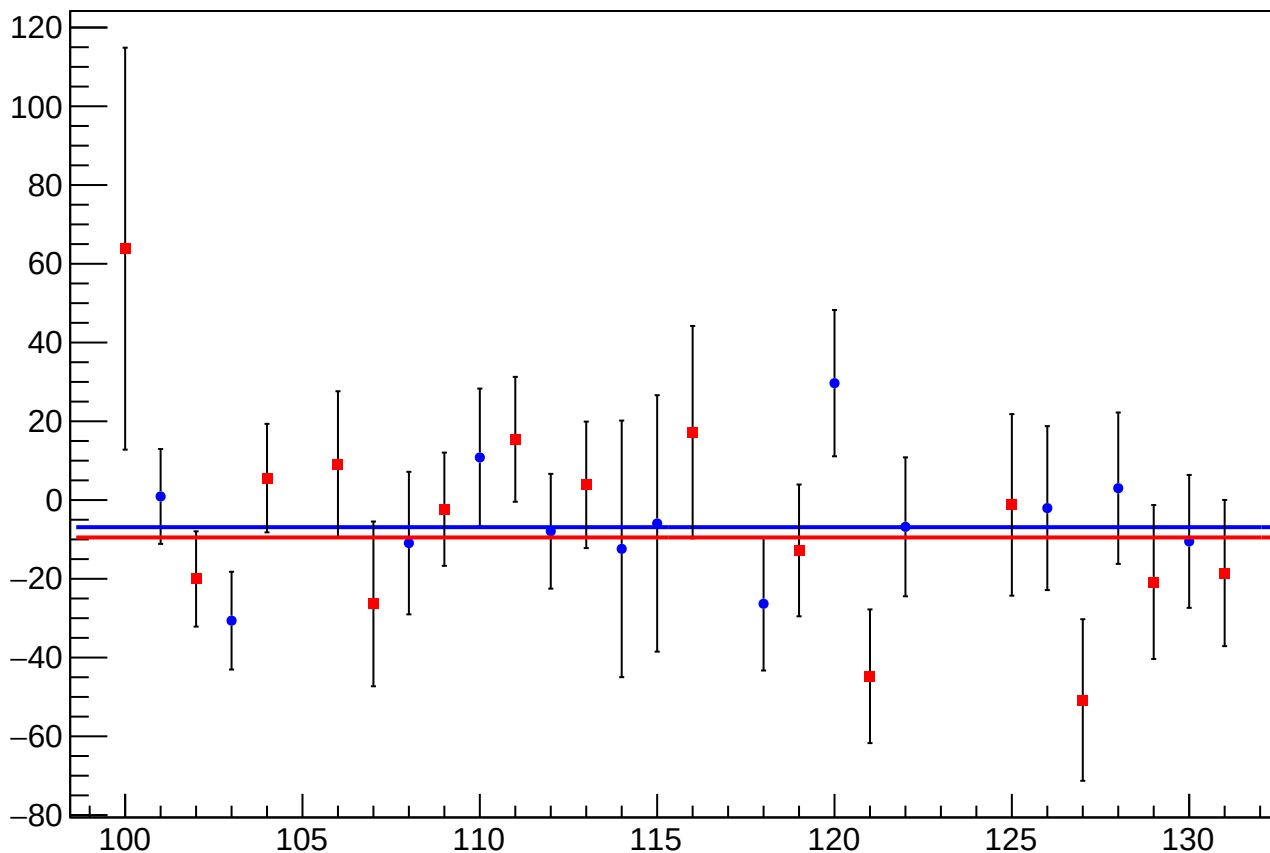
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 177.589 ± 0.040 $\chi^2/\text{NDF}: 2509001.8/27$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_bcm_an_us_an_ds_dd_mean vs Slug



Right In: -6.888+/-4.745 χ^2/NDF : 10.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.494+/-4.539 χ^2/NDF : 19.2/14

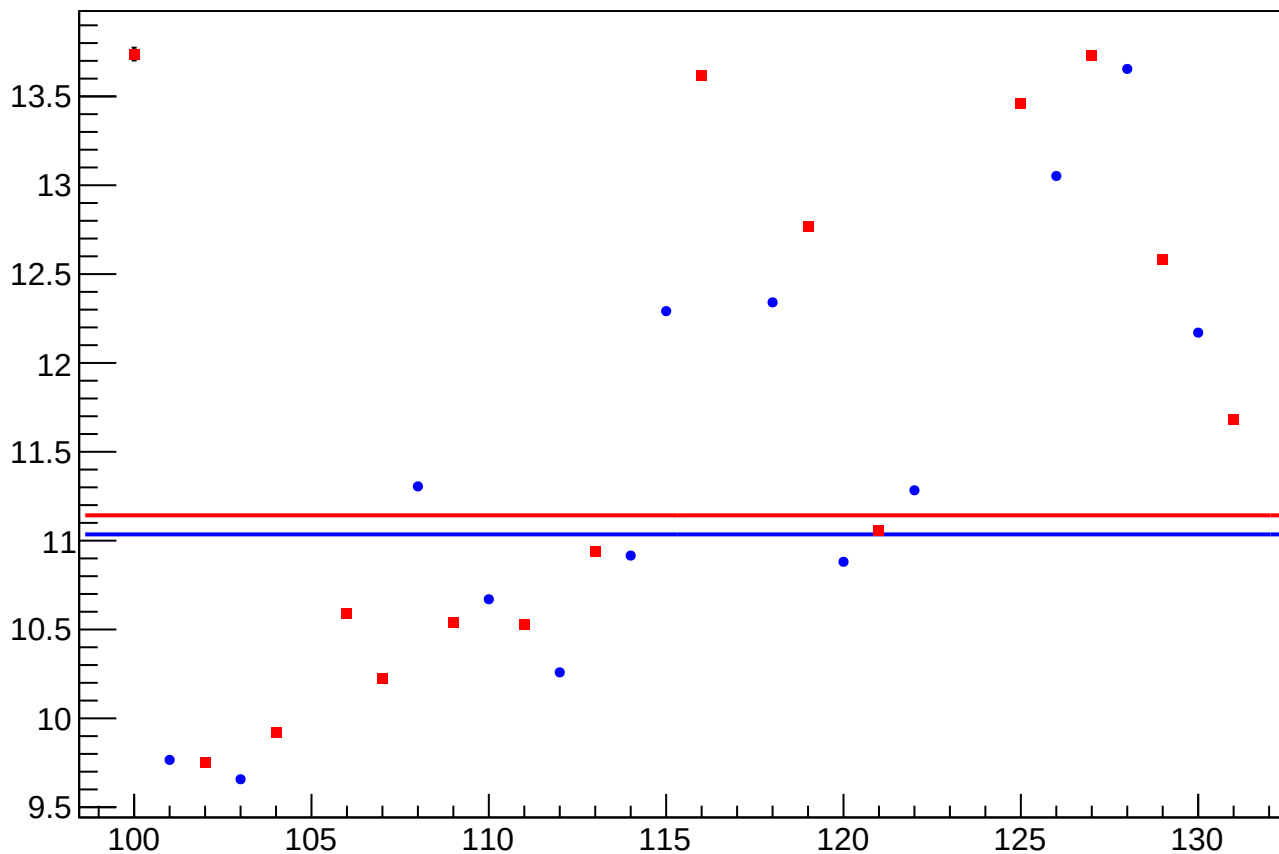
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.249+/-3.280 χ^2/NDF : 30.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds_dd_rms vs Slug



Right In: 11.035+/-0.003 χ^2/NDF : 134180.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.142+/-0.003 χ^2/NDF : 160091.2/14

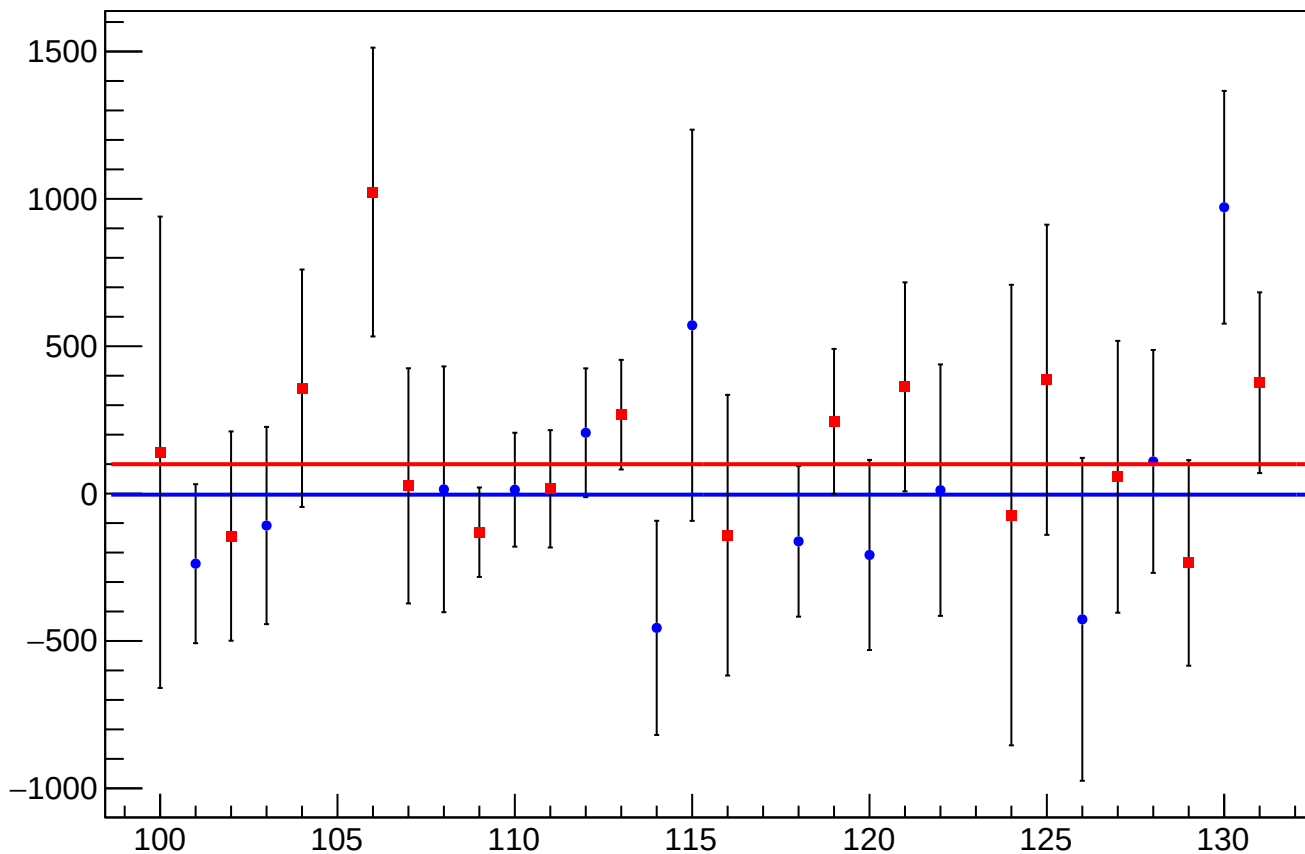
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.091+/-0.002 χ^2/NDF : 294805.3/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds3_avg_mean vs Slug



Right In: -3.549 $\pm$ 86.656 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 99.765 $\pm$ -74.241 χ^2 /NDF: 11.0/15

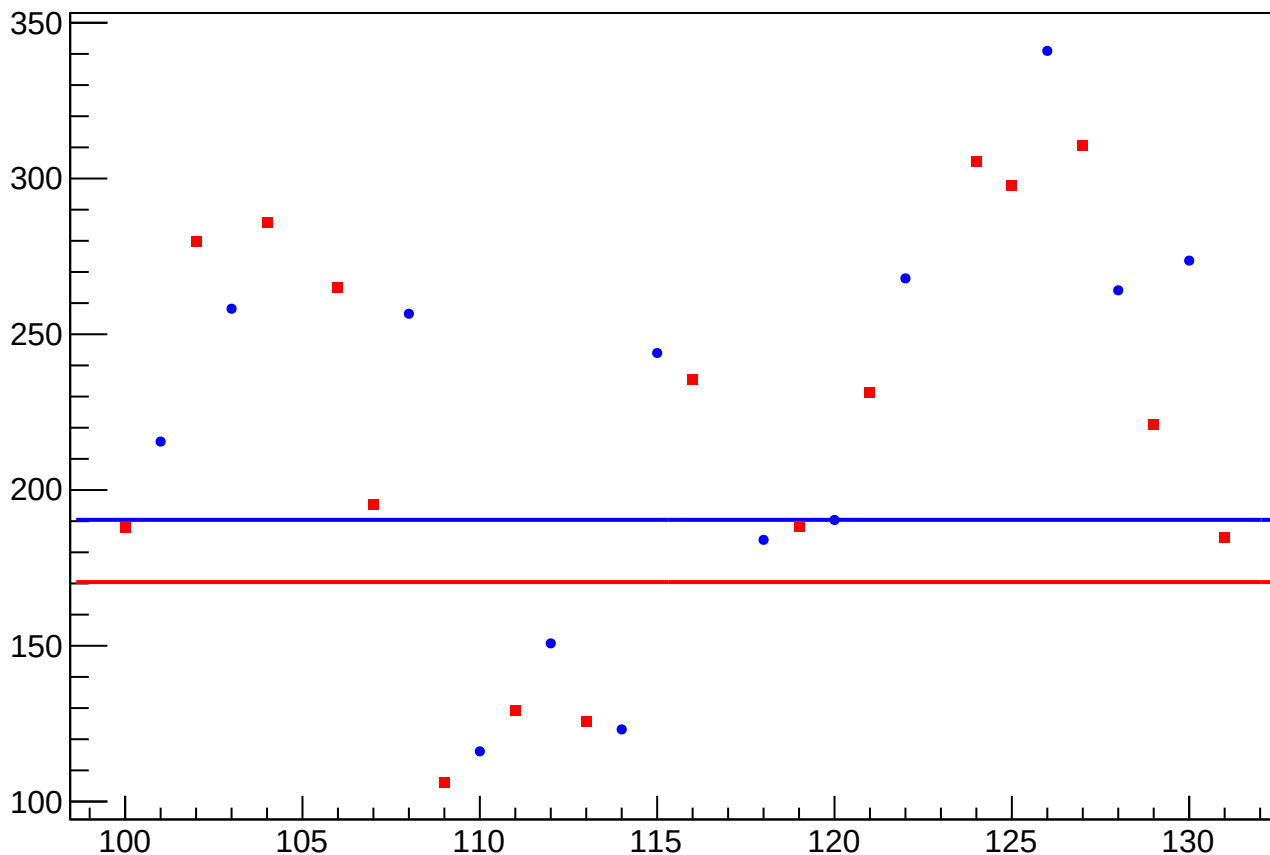
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: 56.033 $\pm$ -56.380 χ^2 /NDF: 23.5/28

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_an_ds3_avg_rms vs Slug



Right In: 190.432 $\pm$ 0.061 χ^2 /NDF: 976206.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 170.452 $\pm$ 0.052 χ^2 /NDF: 1512150.4/15

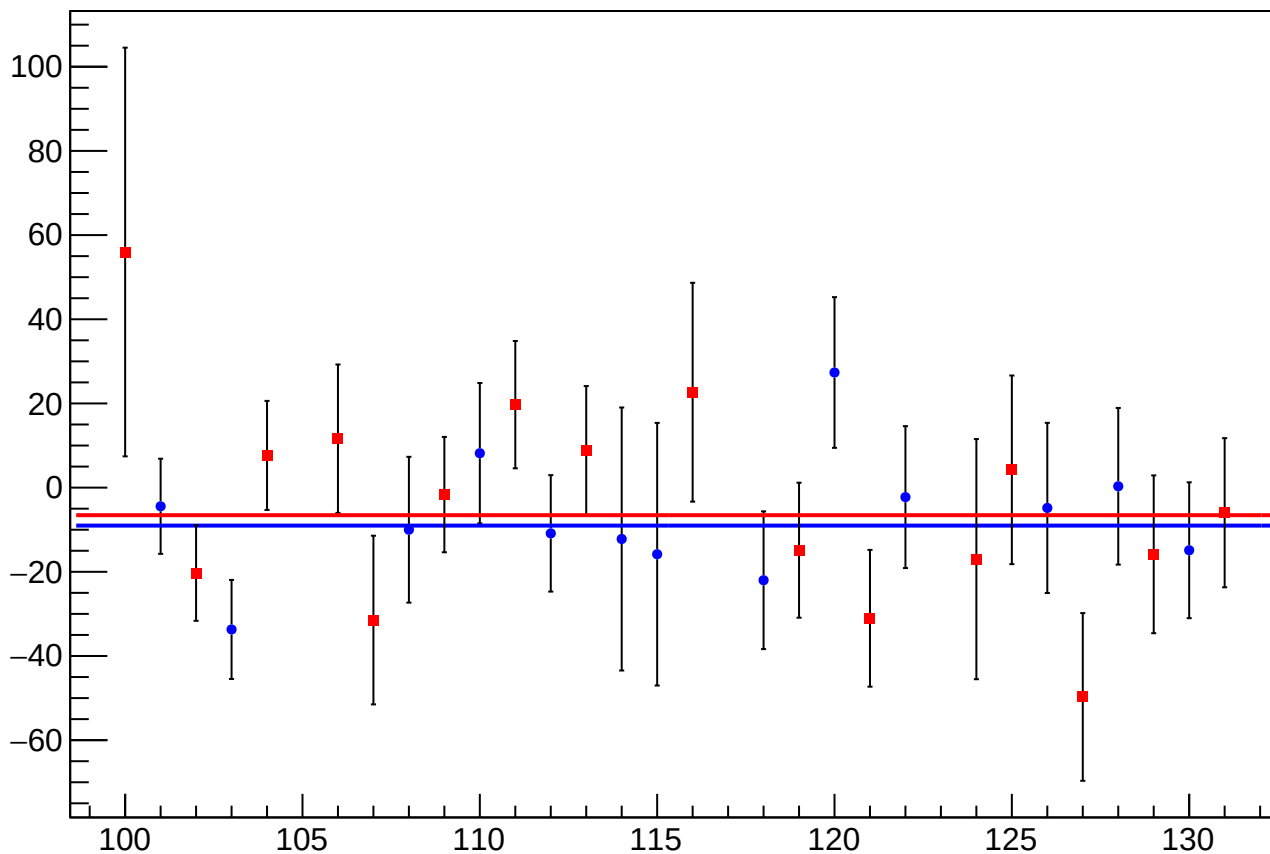
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 178.909 $\pm$ 0.040 χ^2 /NDF: 2549675.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_an_ds3_dd_mean vs Slug



Right In: -9.020 ± 4.527 χ^2/NDF : 11.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.546 ± 4.275 χ^2/NDF : 20.2/15

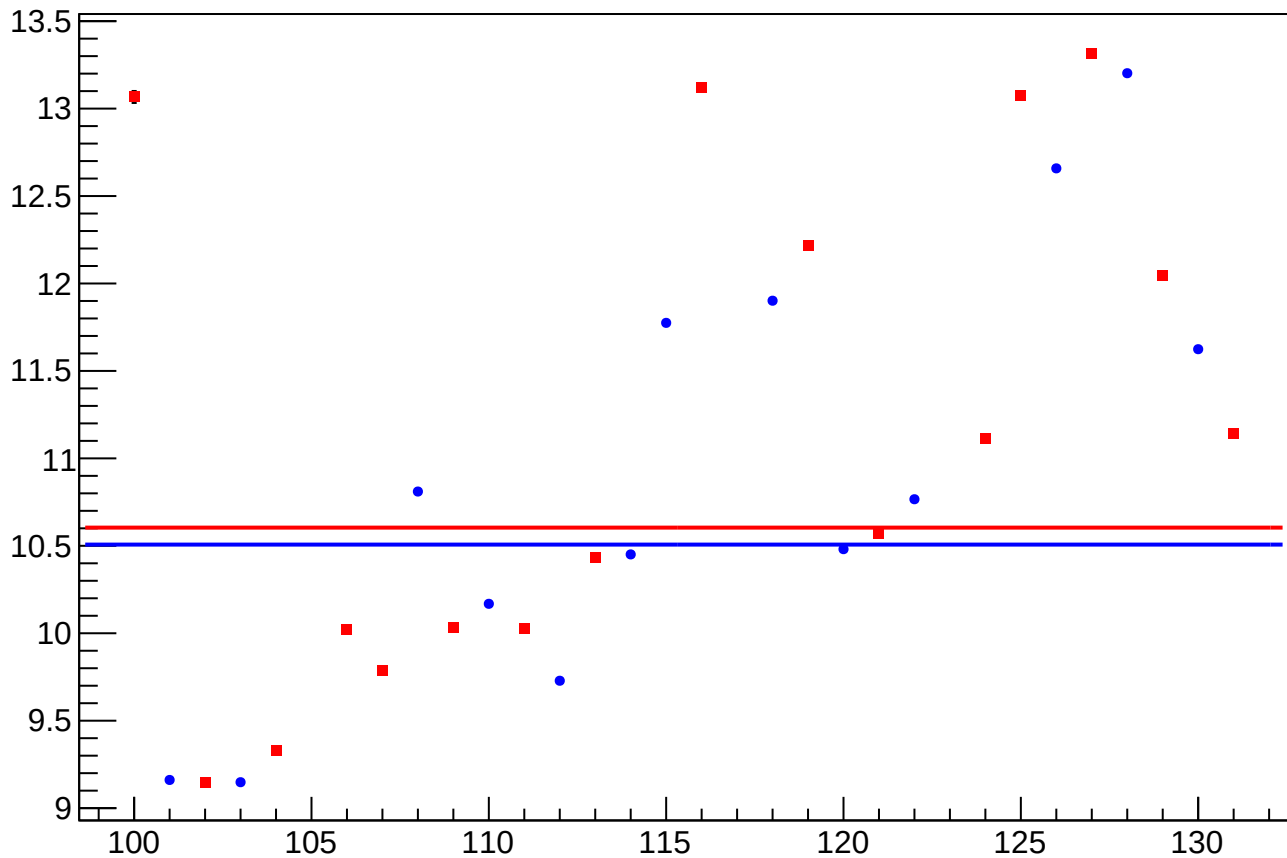
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.712 ± 3.108 χ^2/NDF : 31.4/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds3_dd_rms vs Slug



Right In: 10.507+/-0.003 χ^2/NDF : 155276.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.604+/-0.003 χ^2/NDF : 184282.7/15

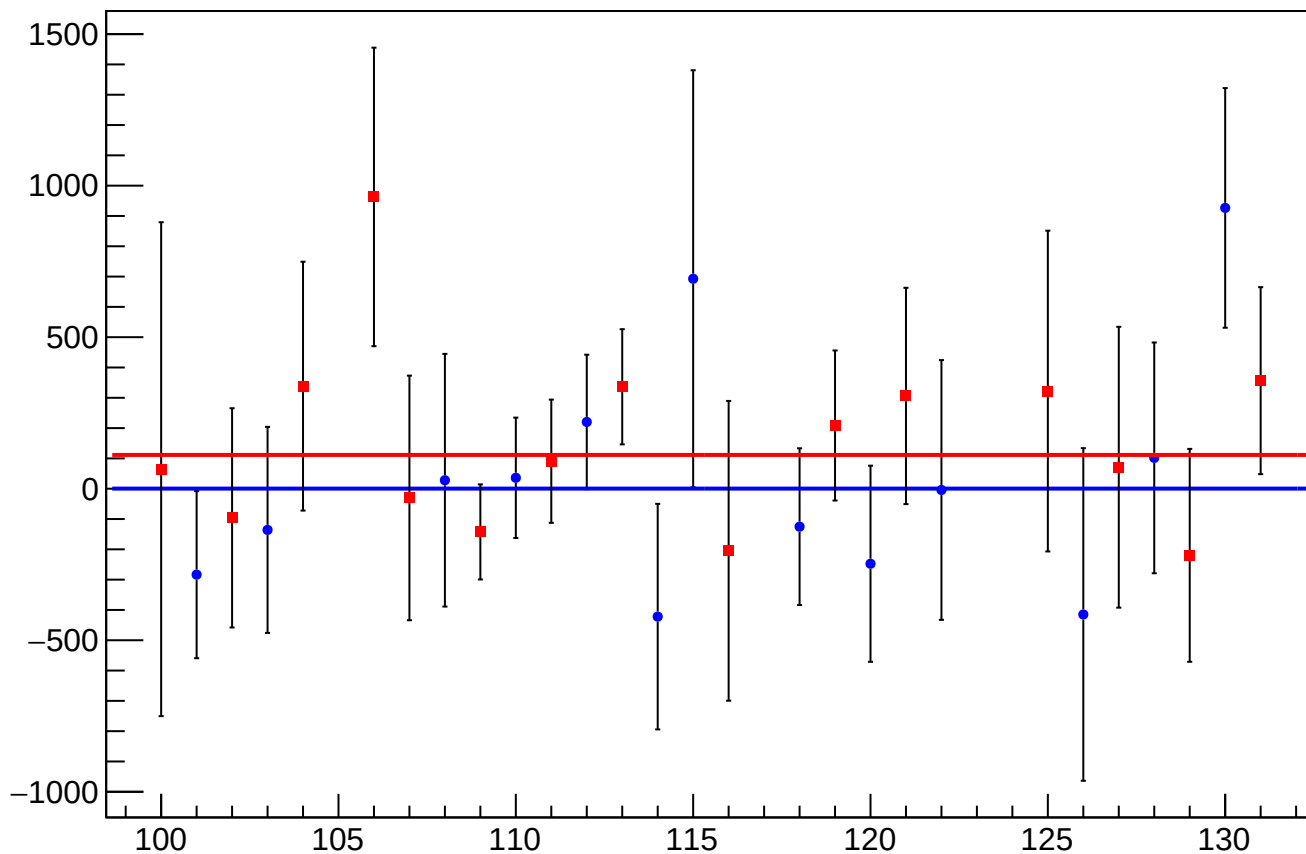
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.558+/-0.002 χ^2/NDF : 340046.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_dg_ds_avg_mean vs Slug



Right In: 0.389+/-88.001 χ^2/NDF : 11.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.478+/-76.037 χ^2/NDF : 10.3/14

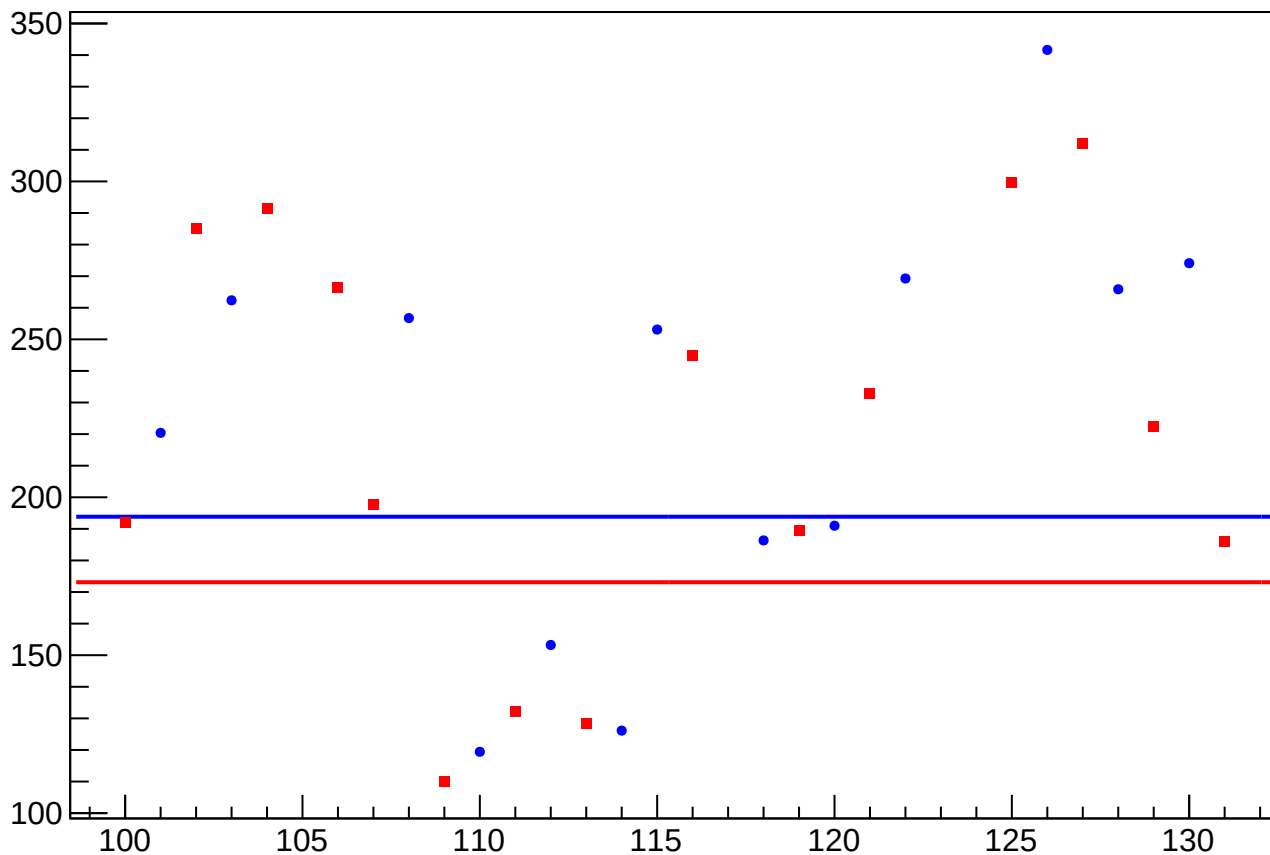
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.993+/-57.535 χ^2/NDF : 22.7/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_dg_ds_avg_rms vs Slug



Right In: 193.845+/-0.062 χ^2/NDF : 937116.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.108+/-0.054 χ^2/NDF : 1396732.5/14

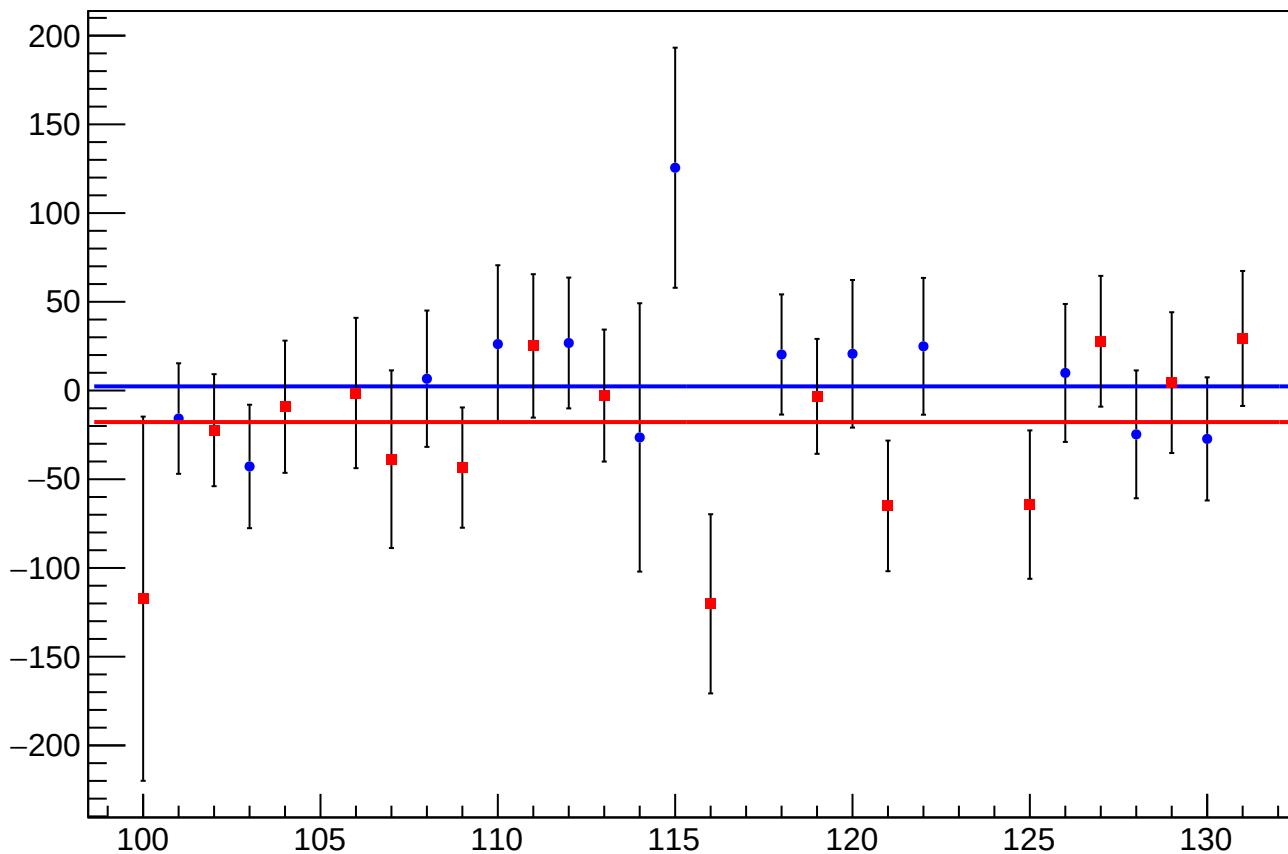
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.972+/-0.041 χ^2/NDF : 2397434.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_dg_ds_dd_mean vs Slug



Right In: 2.335+/-10.811 χ^2/NDF : 8.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.773+/-10.154 χ^2/NDF : 13.8/14

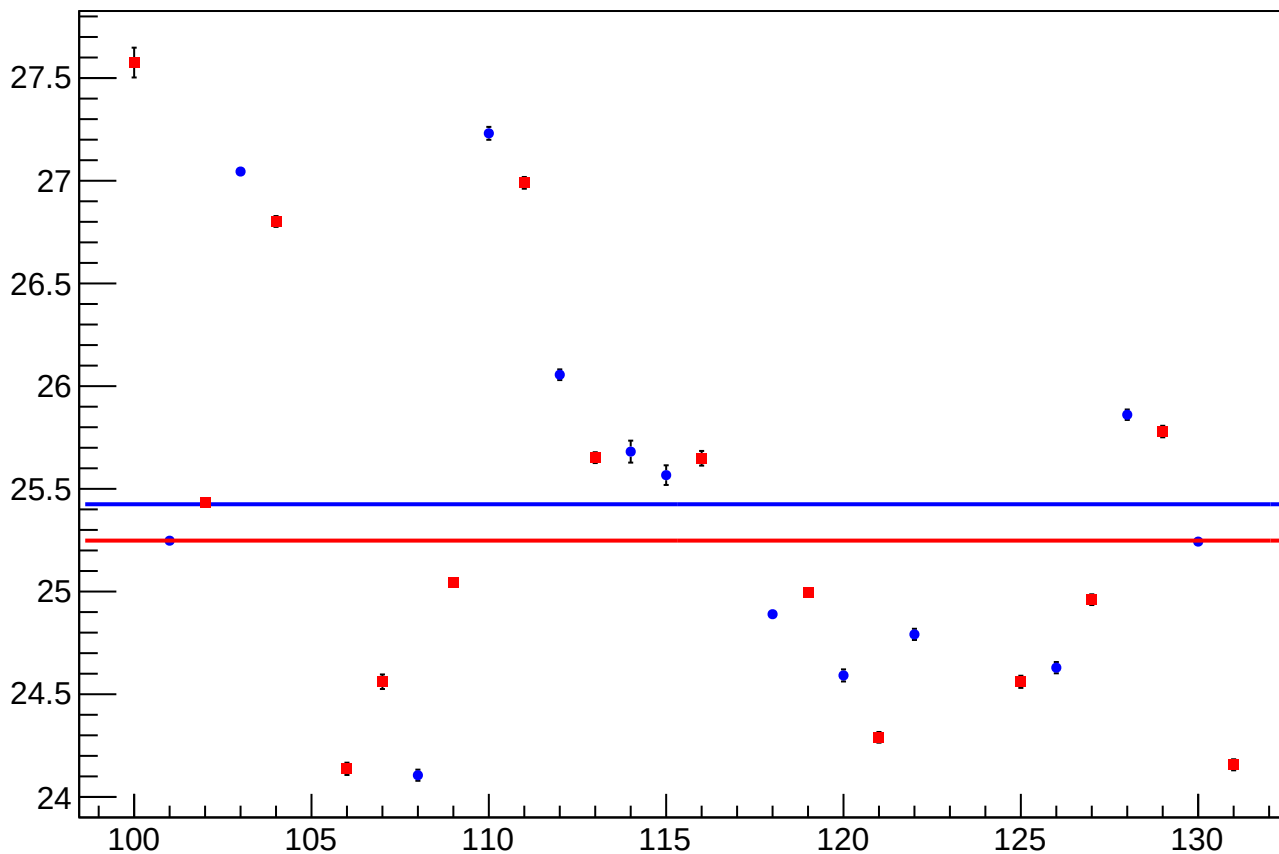
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.349+/-7.401 χ^2/NDF : 24.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_dg_ds_dd_rms vs Slug



Right In: 25.425 $\pm$ 0.008 χ^2 /NDF: 13707.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.248 $\pm$ 0.007 χ^2 /NDF: 14624.0/14

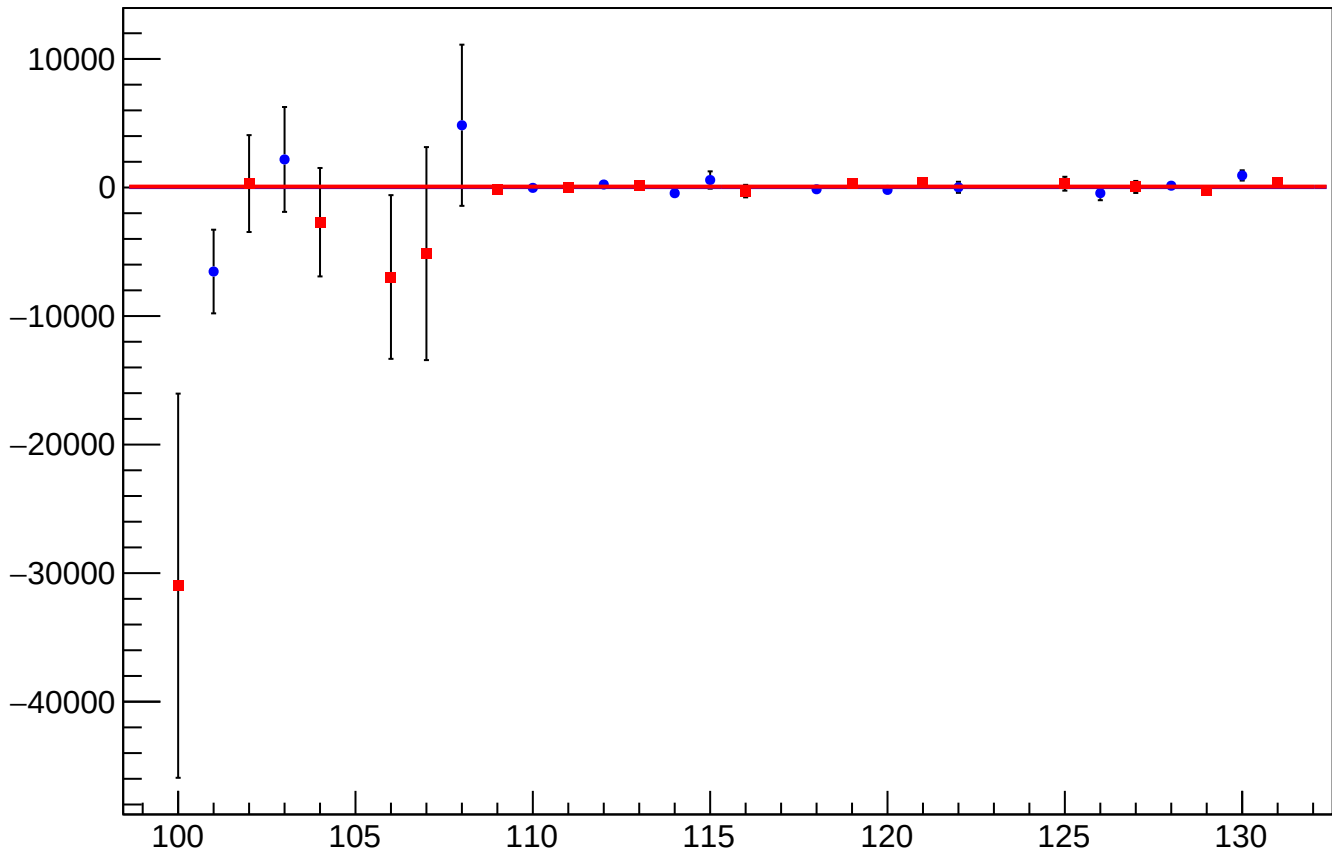
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.331 $\pm$ 0.005 χ^2 /NDF: 28616.2/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_an_ds_avg_mean vs Slug



Right In: 33.089+/-98.349 χ^2/NDF : 15.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.274+/-87.294 χ^2/NDF : 11.9/14

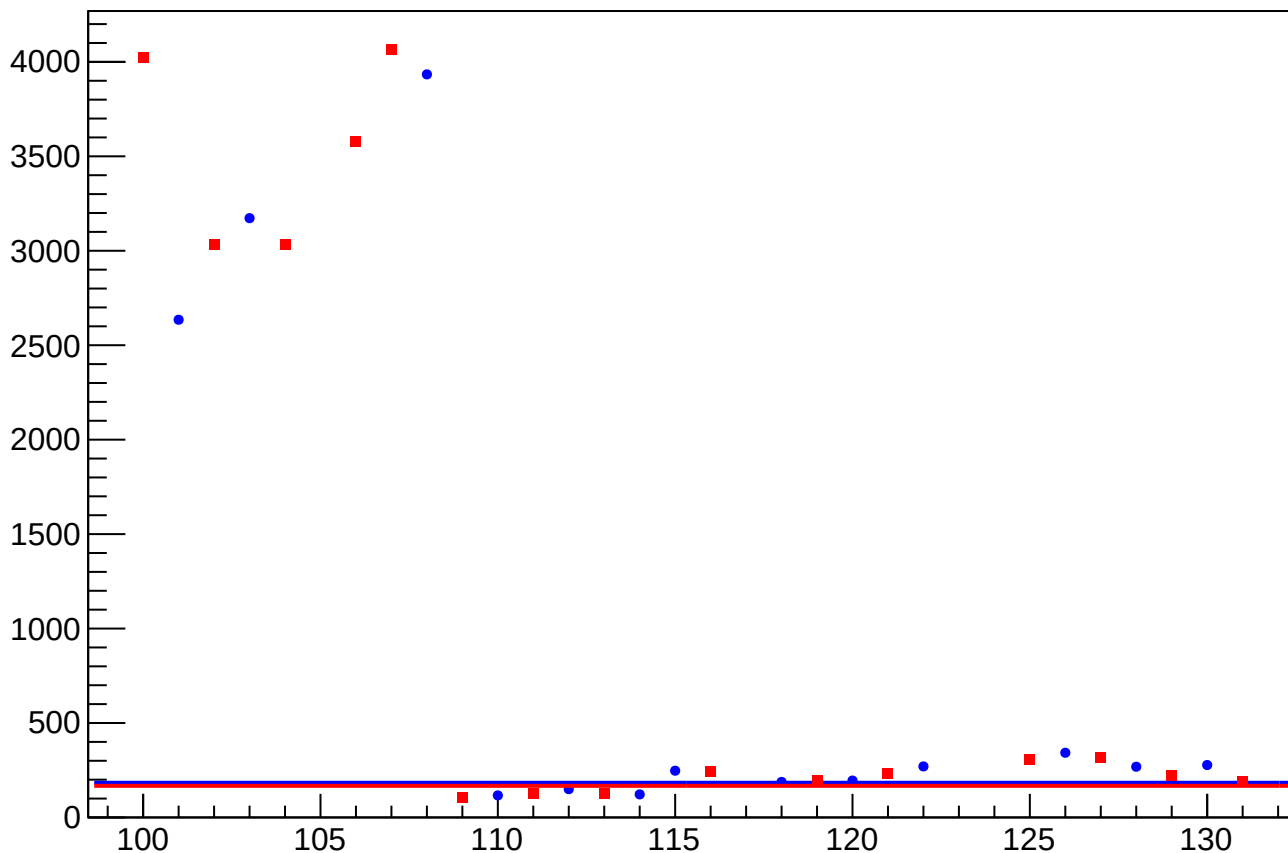
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.329+/-65.286 χ^2/NDF : 27.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_an_ds_avg_rms vs Slug



Right In: 183.734+/-0.070 χ^2/NDF : 3744270.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.438+/-0.062 χ^2/NDF : 4107327.8/14

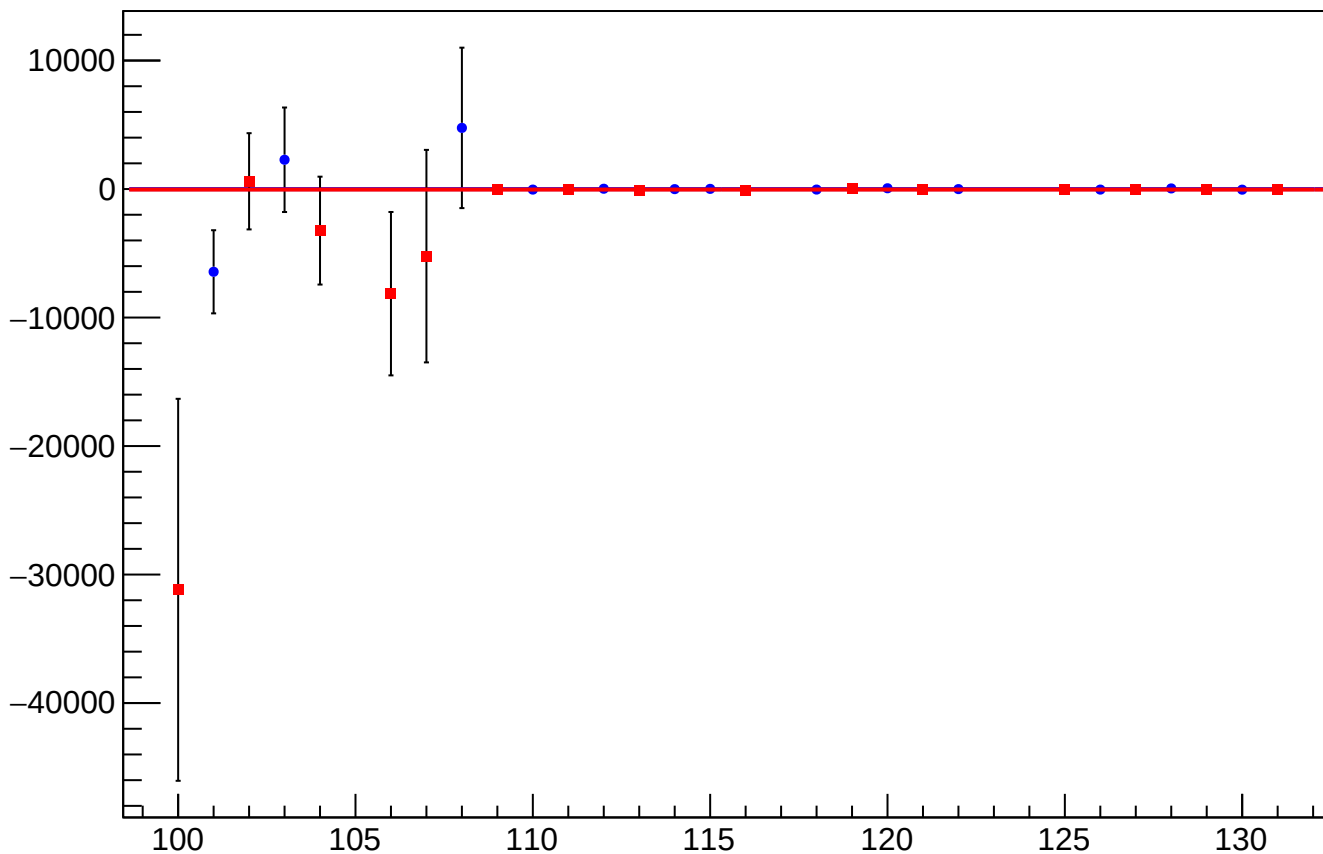
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.619+/-0.046 χ^2/NDF : 7882312.3/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_an_ds_dd_mean vs Slug



Right In: -7.439+/-14.076 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.666+/-13.792 χ^2/NDF : 16.7/14

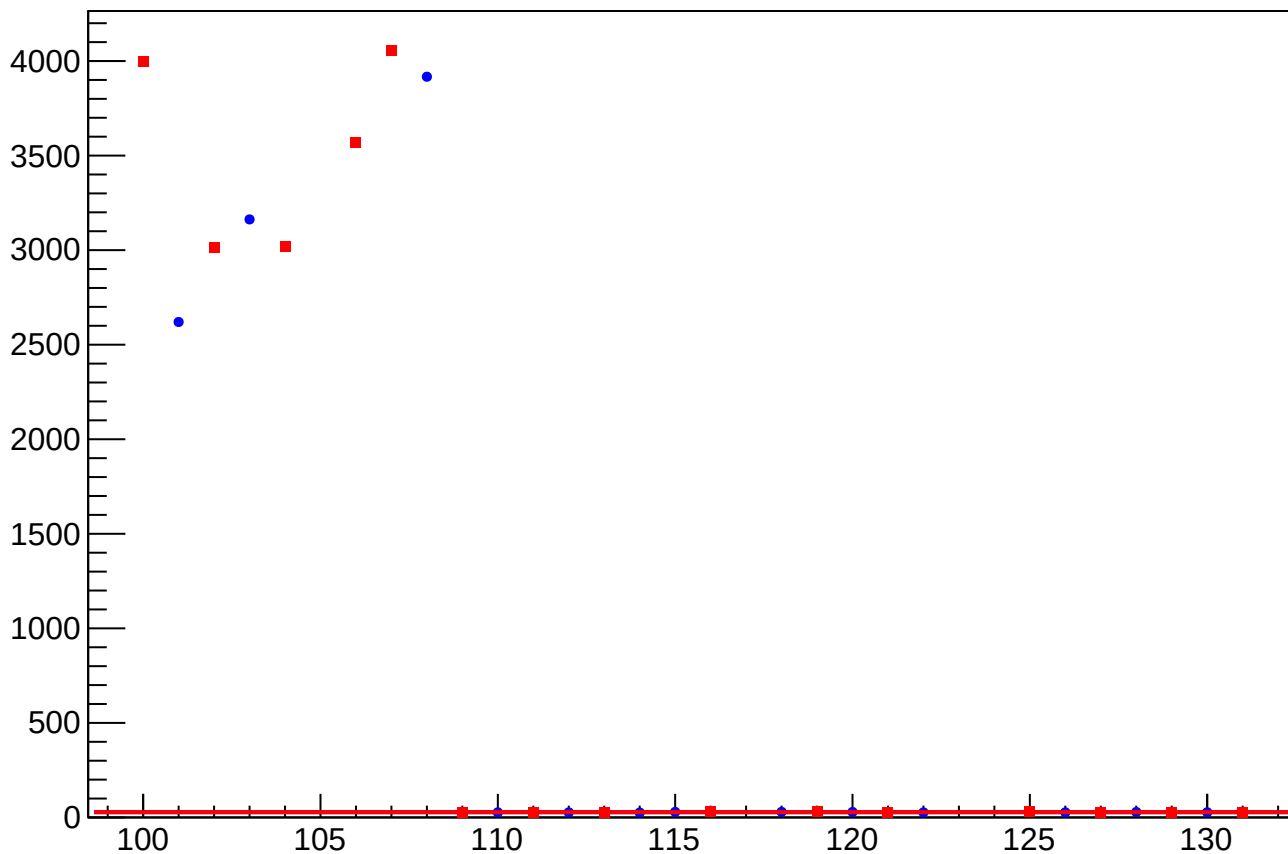
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.391+/-9.851 χ^2/NDF : 32.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_an_ds_dd_rms vs Slug



Right In: 27.796+/-0.010 χ^2/NDF : 3261560.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.000+/-0.010 χ^2/NDF : 3554758.8/14

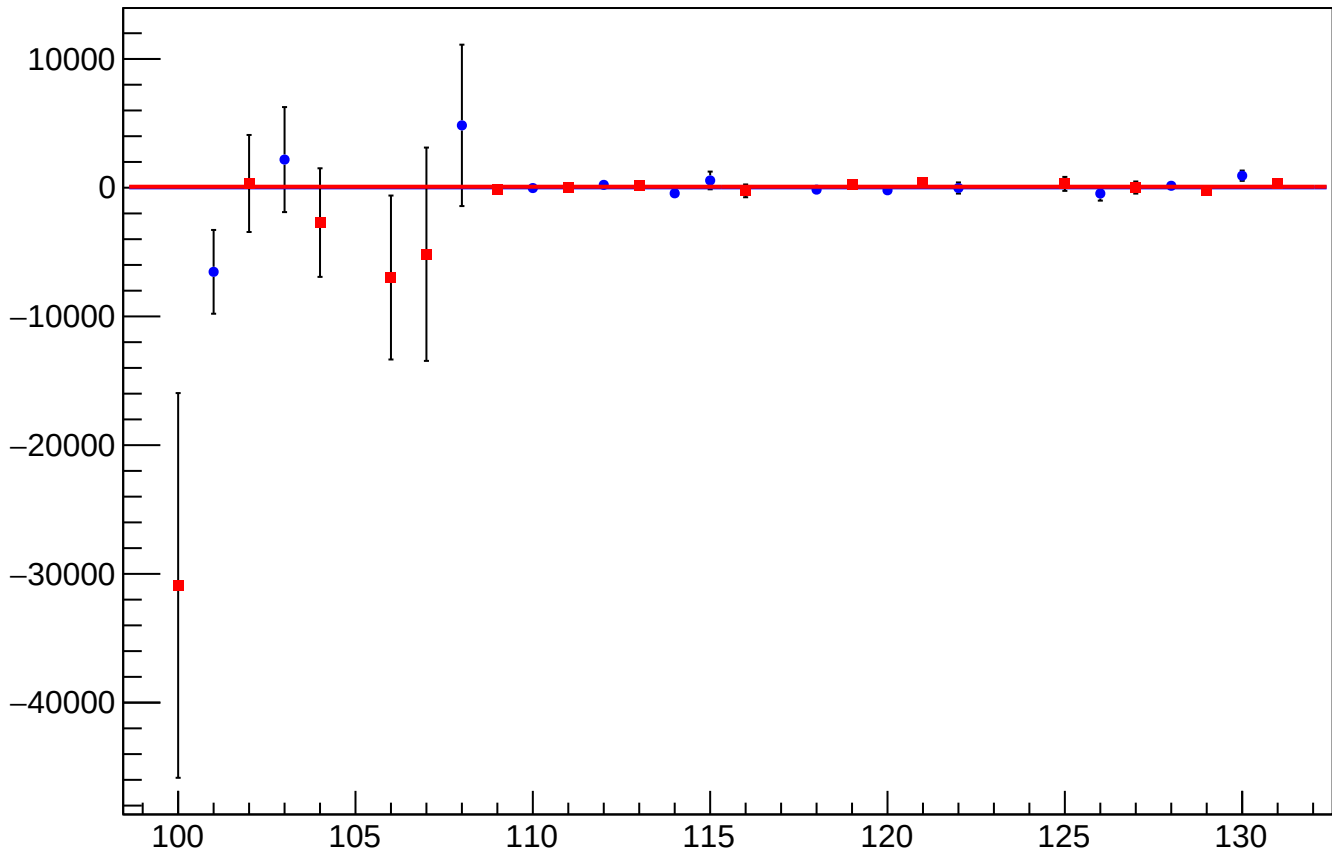
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.900+/-0.007 χ^2/NDF : 6816535.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_dg_ds_avg_mean vs Slug



Right In: 26.057+/-99.113 χ^2/NDF : 14.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.709+/-88.059 χ^2/NDF : 11.5/14

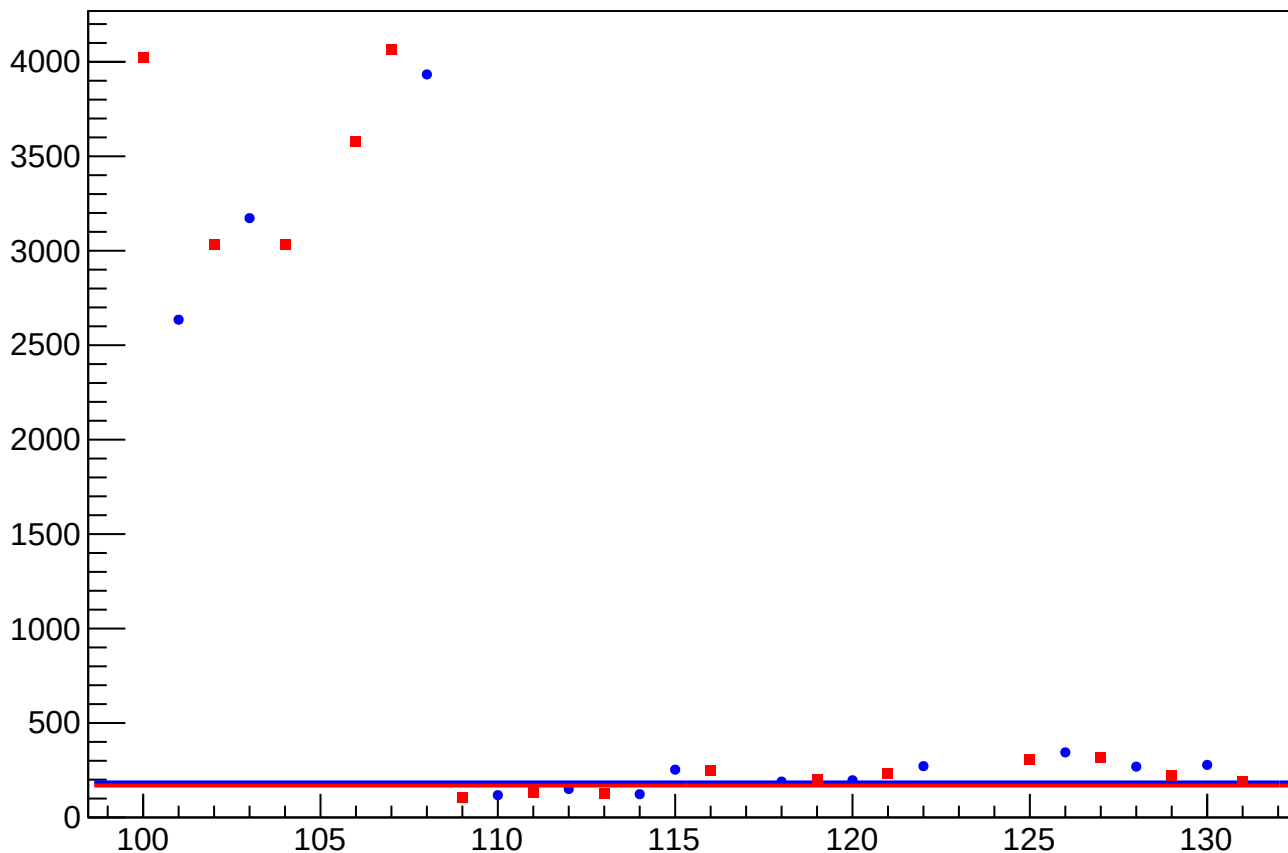
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.364+/-65.830 χ^2/NDF : 26.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_dg_ds_avg_rms vs Slug



Right In: 185.293+/-0.070 χ^2/NDF : 3734855.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.027+/-0.062 χ^2/NDF : 4100975.7/14

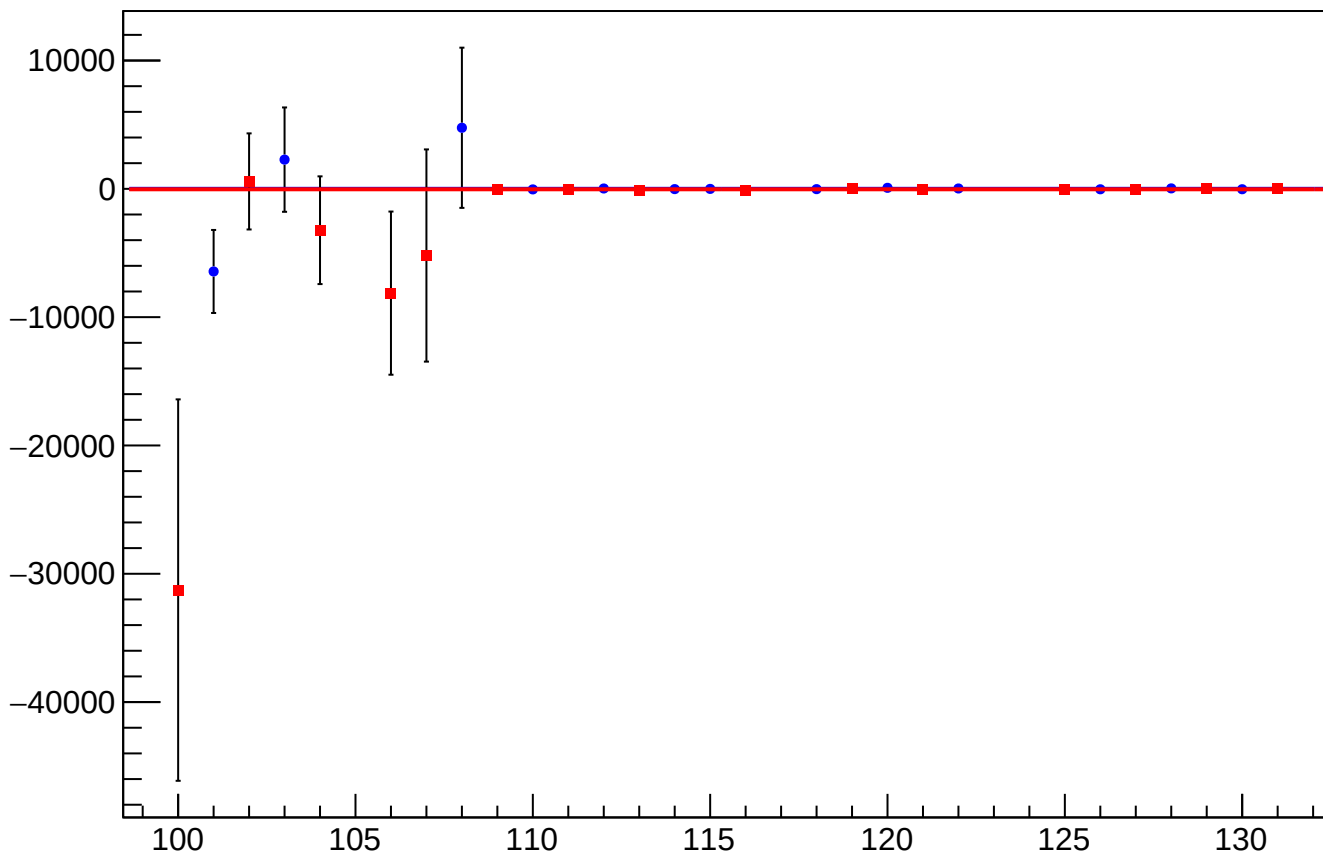
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.202+/-0.047 χ^2/NDF : 7865937.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_dg_ds_dd_mean vs Slug



Right In: 1.712 $\pm$ 15.642 χ^2 /NDF: 10.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -34.808 $\pm$ 15.246 χ^2 /NDF: 21.1/14

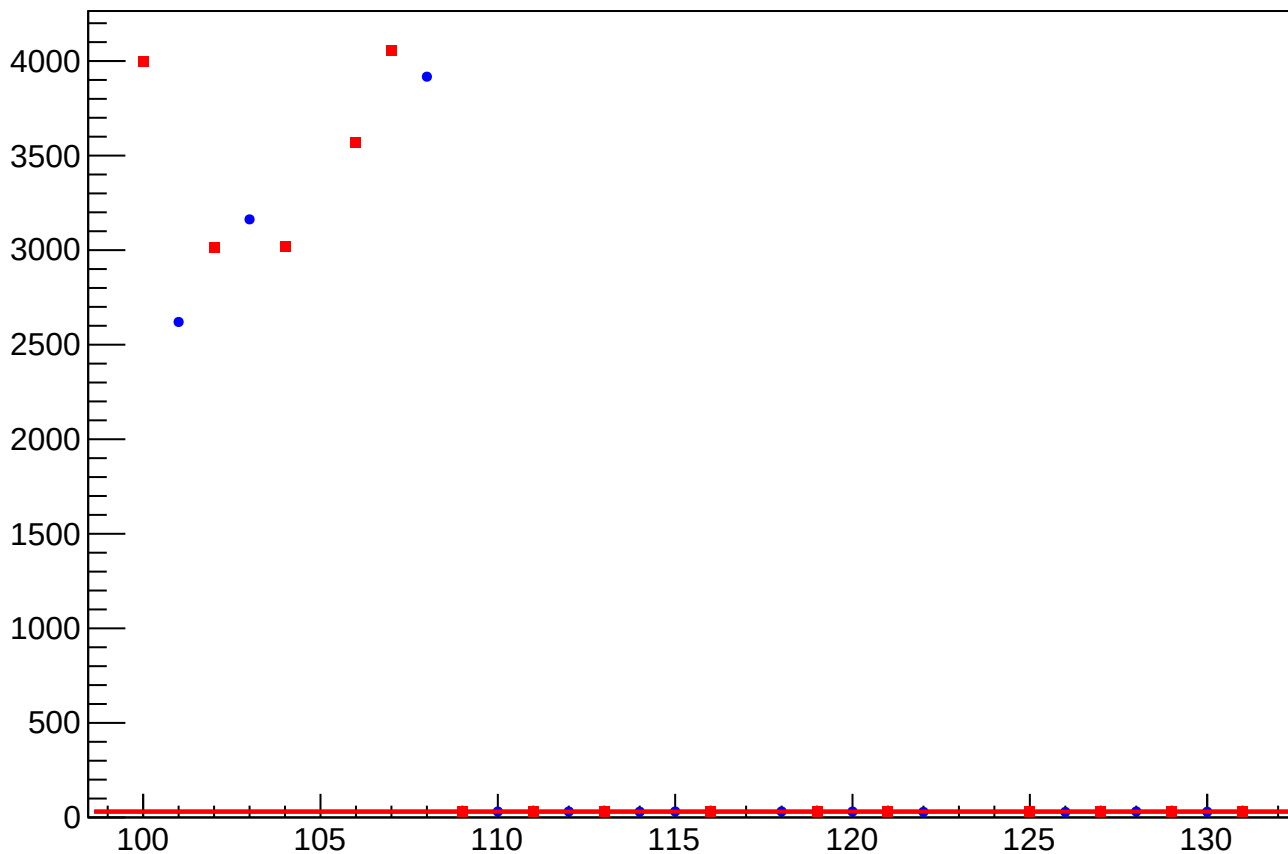
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -17.017 $\pm$ 10.918 χ^2 /NDF: 34.5/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_dg_ds_dd_rms vs Slug



Right In: 30.928+/-0.011 χ^2/NDF : 3248905.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.007+/-0.011 χ^2/NDF : 3532635.4/14

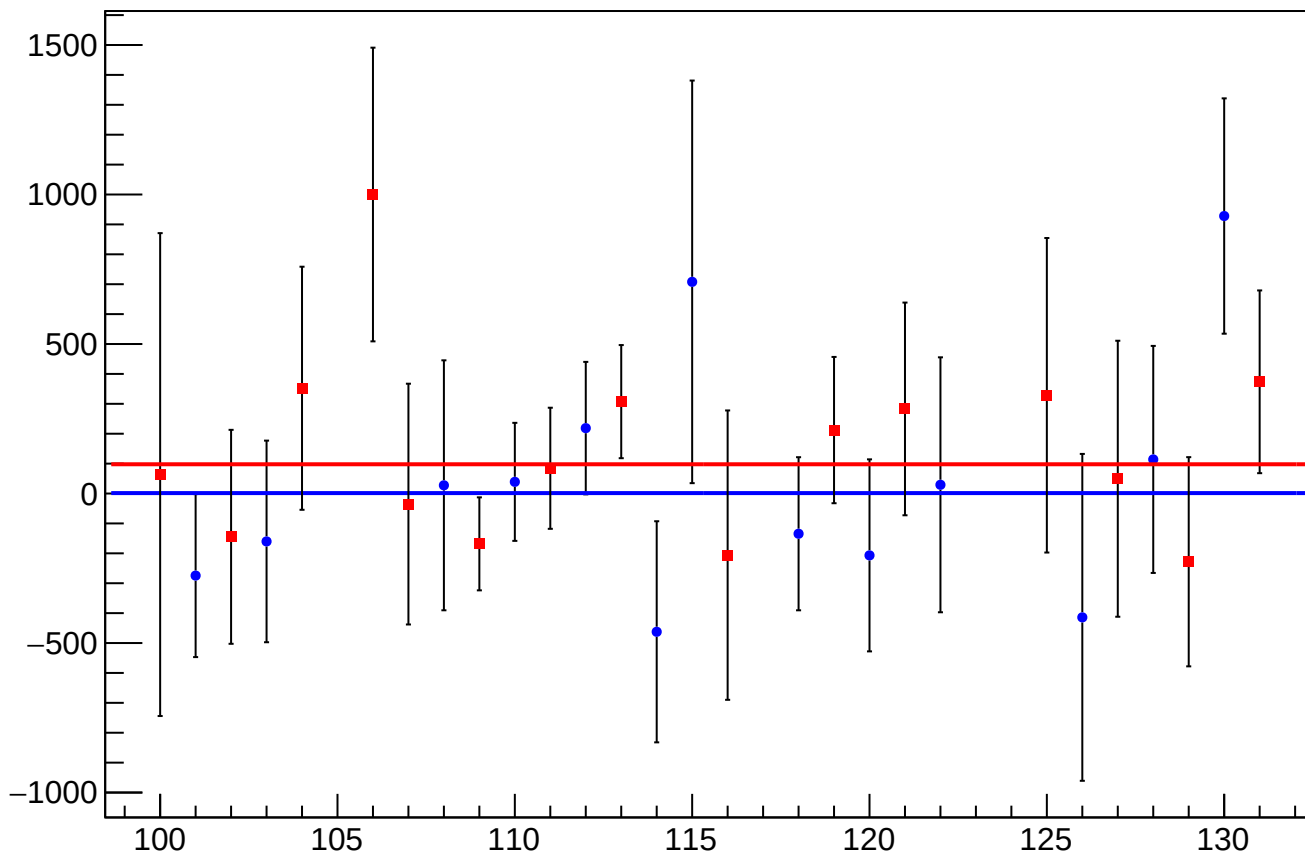
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.969+/-0.008 χ^2/NDF : 6781566.7/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_us_avg_mean vs Slug



Right In: 1.464 $\pm$ 87.453 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 97.856 $\pm$ 75.491 χ^2 /NDF: 11.3/14

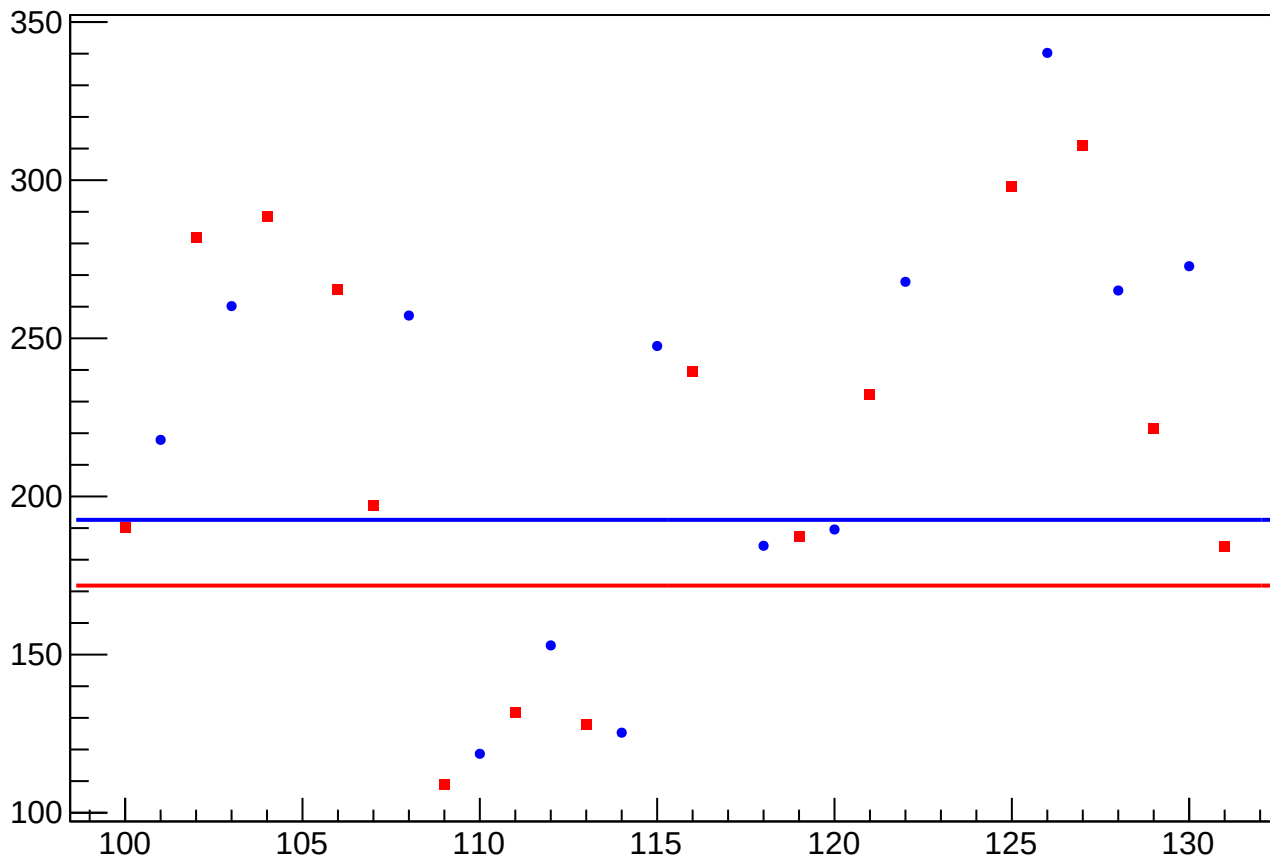
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 56.699 $\pm$ 57.145 χ^2 /NDF: 23.8/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_an_us_avg_rms vs Slug



Right In: 192.611+/-0.062 χ^2/NDF : 936511.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.826+/-0.053 χ^2/NDF : 1393953.1/14

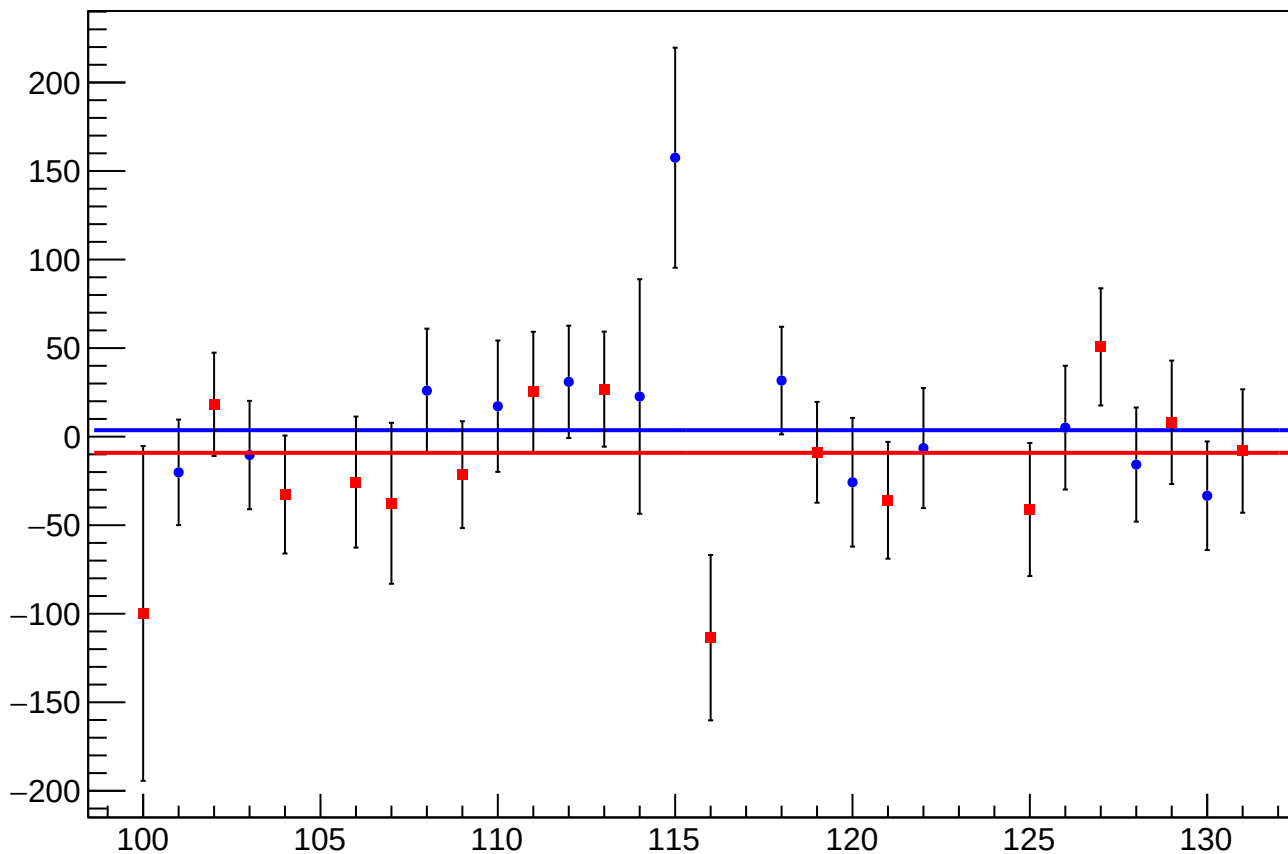
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.701+/-0.040 χ^2/NDF : 2395203.3/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_us_dd_mean vs Slug



Right In: 3.649+/-9.634 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.124+/-9.055 χ^2/NDF : 15.2/14

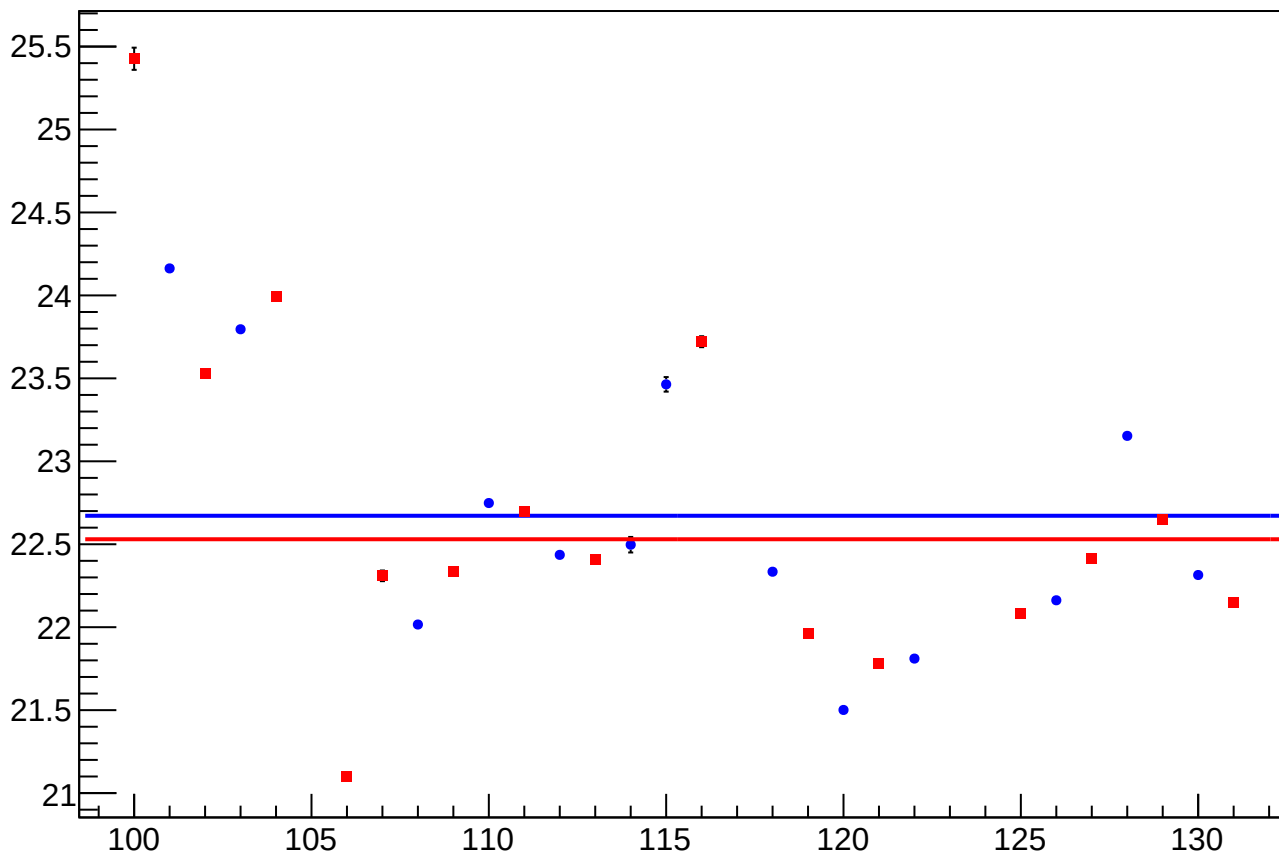
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.133+/-6.598 χ^2/NDF : 27.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_us_dd_rms vs Slug



Right In: 22.672 $\pm$ 0.007 χ^2 /NDF: 13620.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.530 $\pm$ 0.006 χ^2 /NDF: 14966.3/14

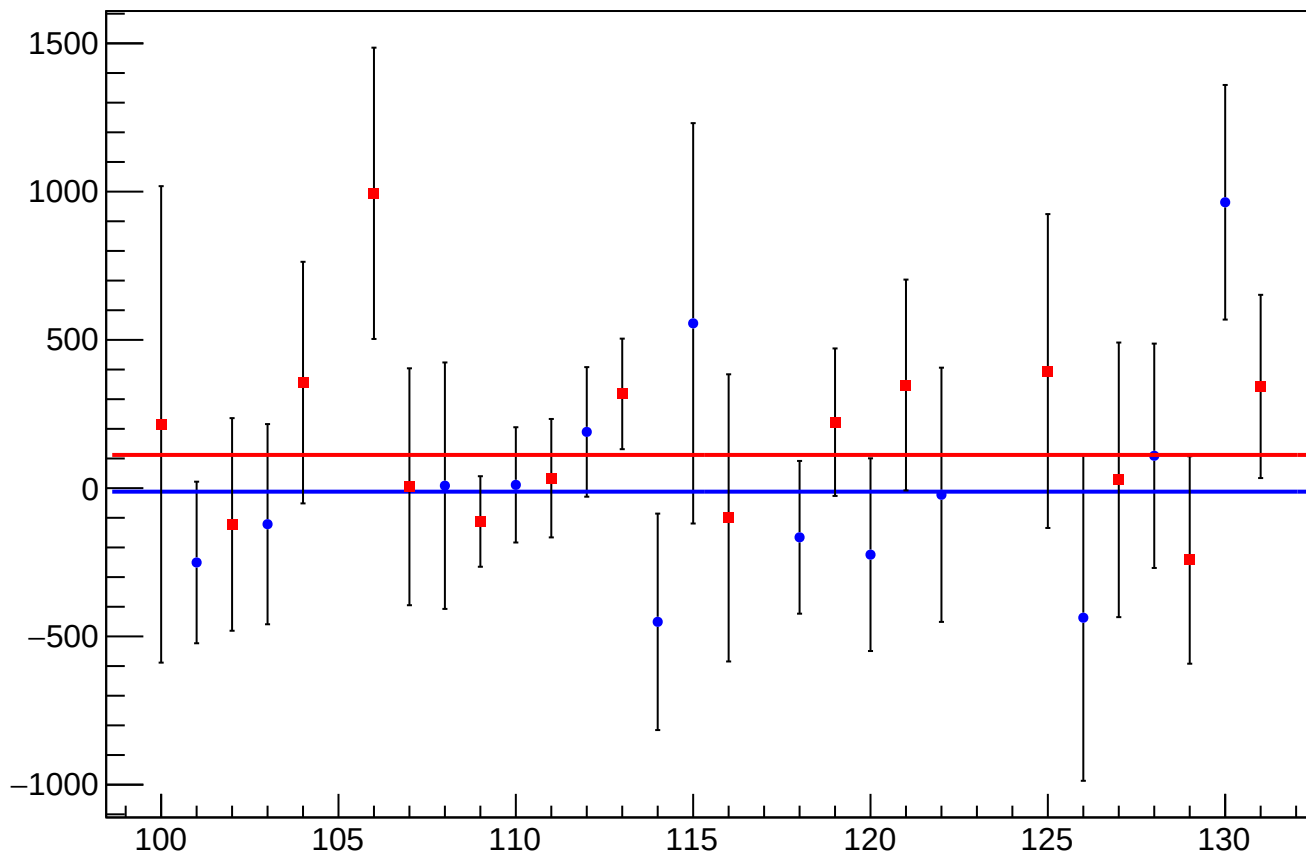
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.597 $\pm$ 0.005 χ^2 /NDF: 28816.0/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_an_us_avg_mean vs Slug



Right In: -11.852+/-87.096 χ^2/NDF : 11.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.045+/-75.004 χ^2/NDF : 10.4/14

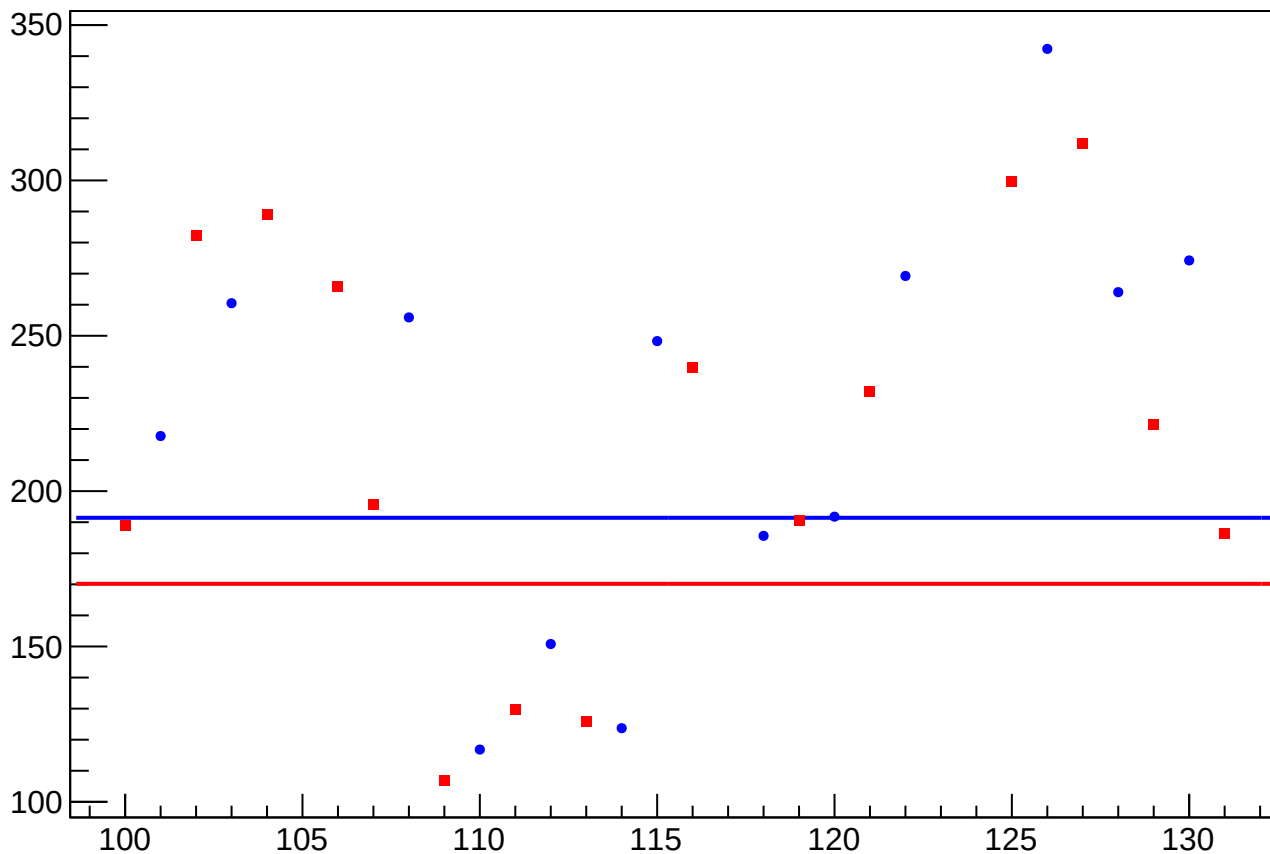
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.288+/-56.834 χ^2/NDF : 23.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_us_avg_rms vs Slug



Right In: 191.420+/-0.062 χ^2/NDF : 976229.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.173+/-0.053 χ^2/NDF : 1460410.9/14

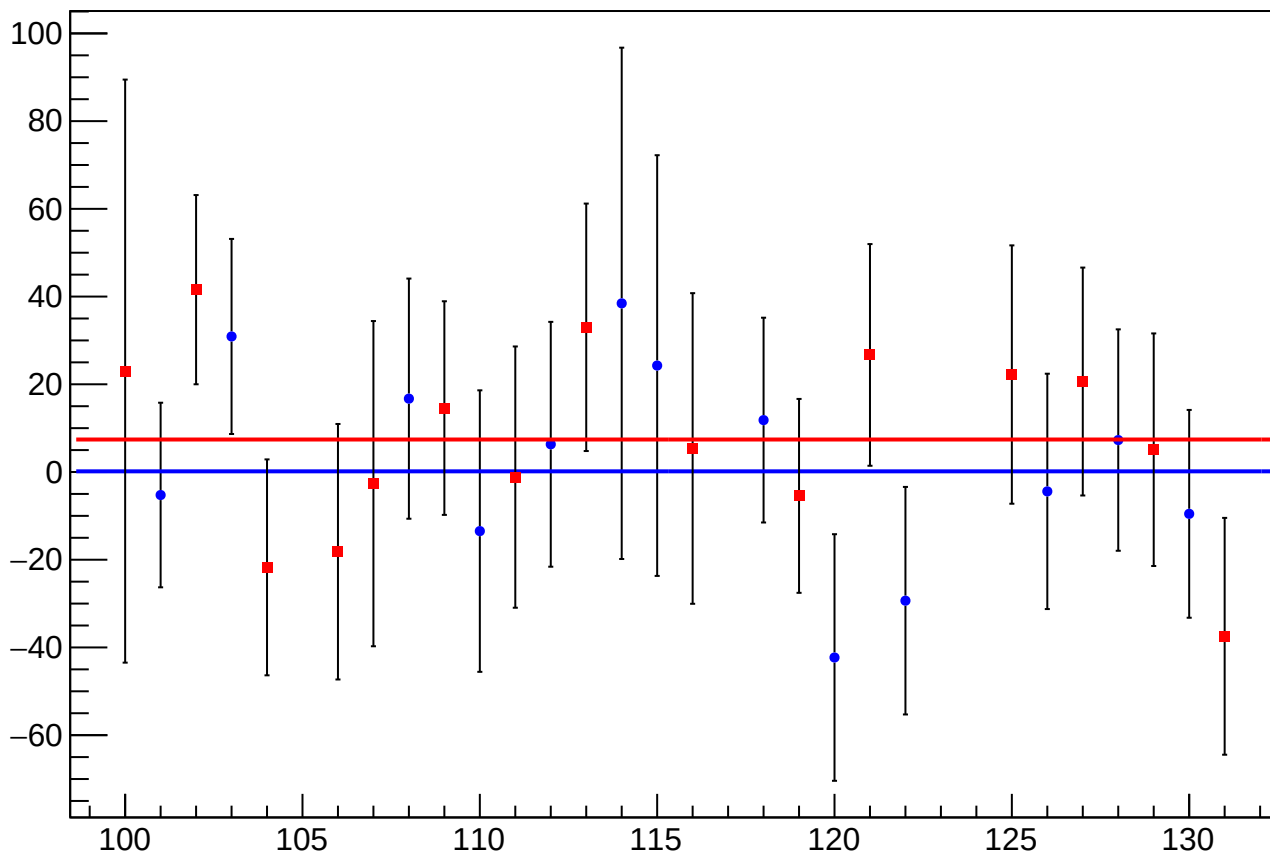
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.220+/-0.040 χ^2/NDF : 2504983.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_us_dd_mean vs Slug



Right In: 0.152+/-7.469 χ^2/NDF : 7.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.409+/-7.100 χ^2/NDF : 10.0/14

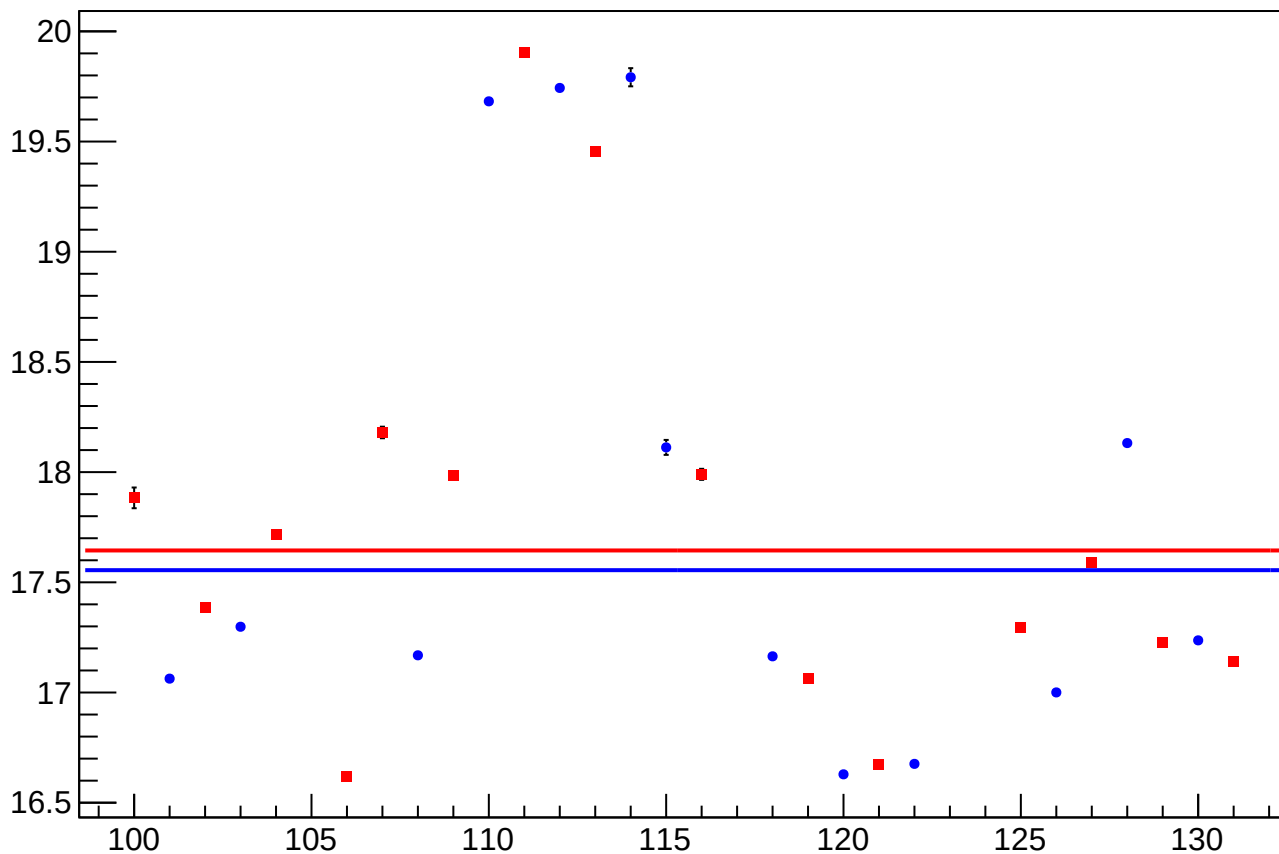
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.965+/-5.146 χ^2/NDF : 17.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_us_dd_rms vs Slug



Right In: 17.555+/-0.005 χ^2/NDF : 33339.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.645+/-0.005 χ^2/NDF : 29362.4/14

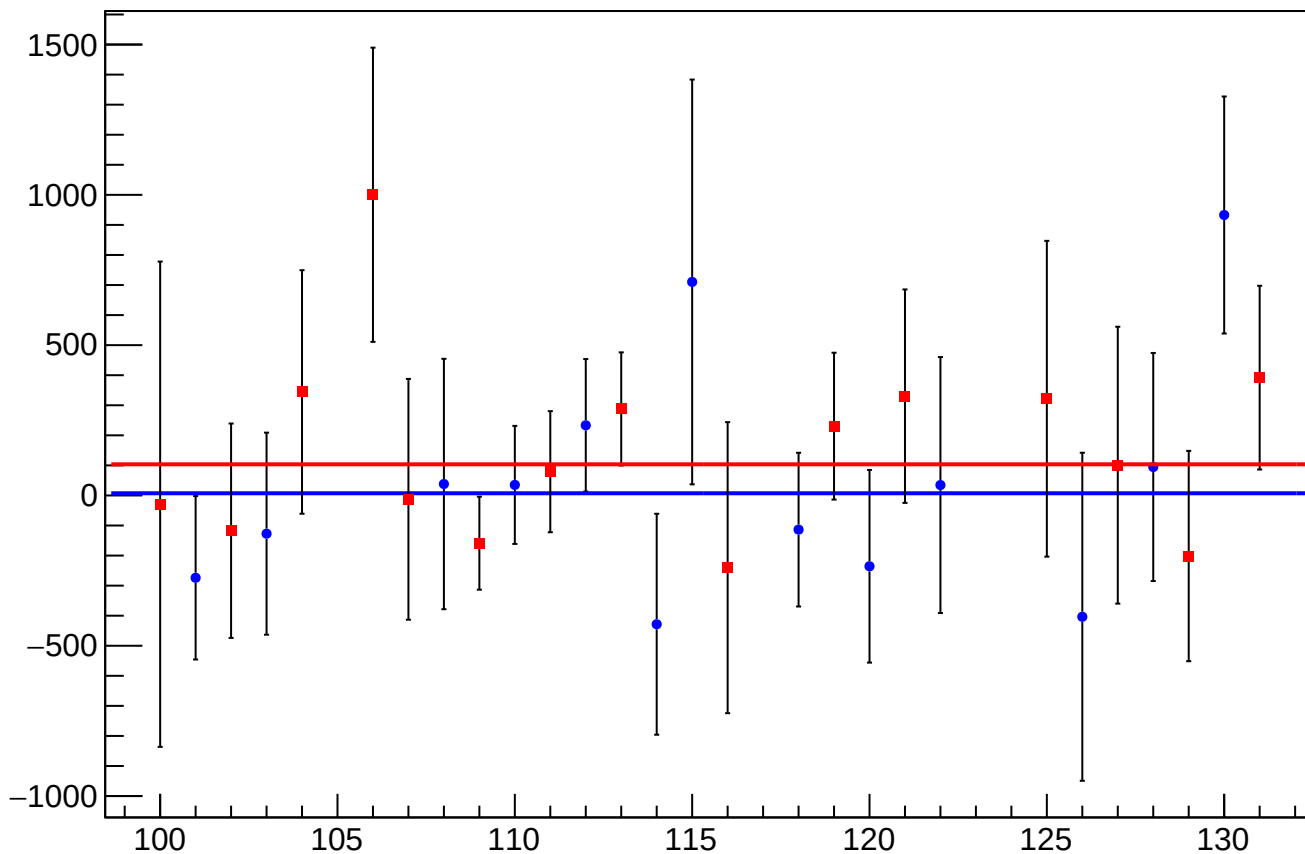
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.602+/-0.004 χ^2/NDF : 62852.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_ds_avg_mean vs Slug



Right In: 7.274 $\pm$ 87.181 χ^2 /NDF: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 103.615 $\pm$ 75.219 χ^2 /NDF: 11.1/14

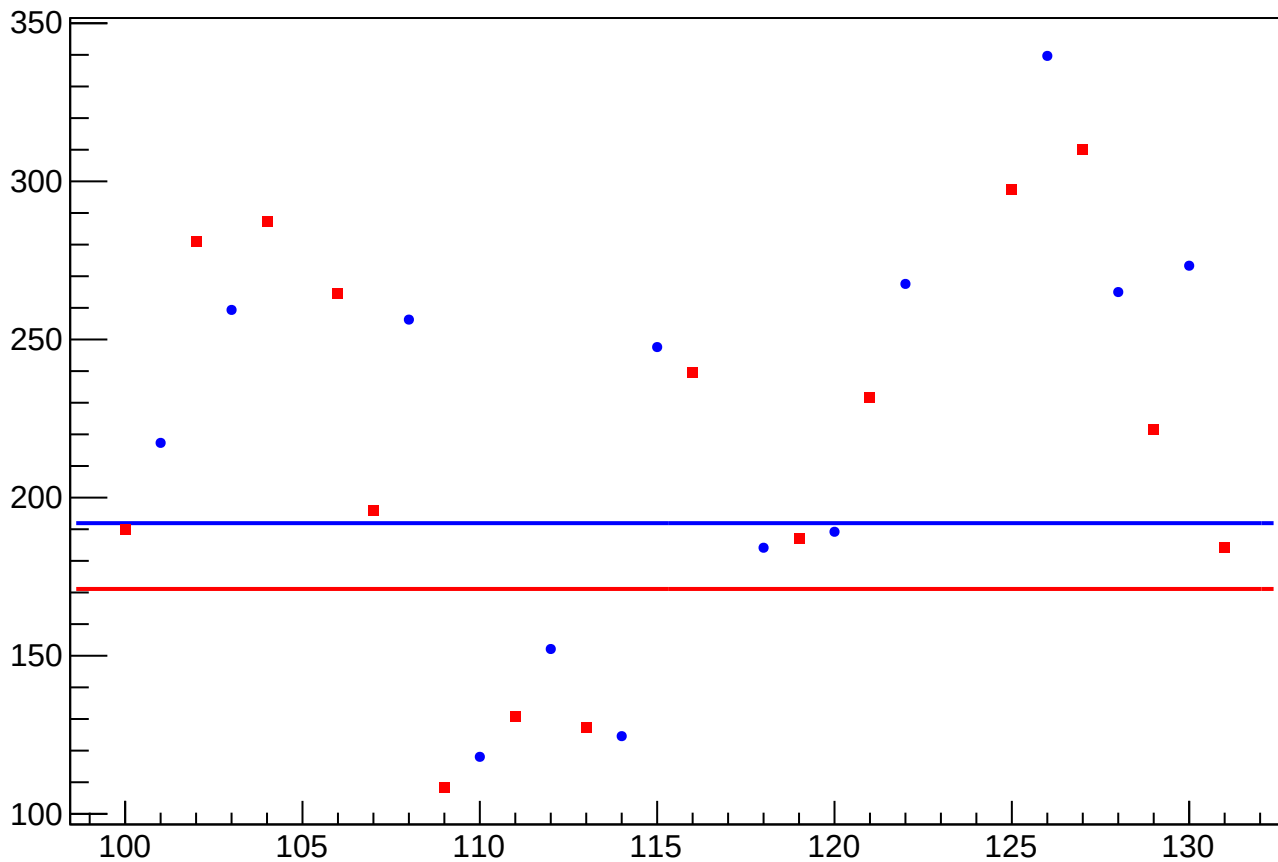
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 62.503 $\pm$ 56.951 χ^2 /NDF: 23.5/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_an_ds_avg_rms vs Slug



Right In: 191.924 $\pm$ 0.062 χ^2 /NDF: 946122.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 171.119 $\pm$ 0.053 χ^2 /NDF: 1404503.7/14

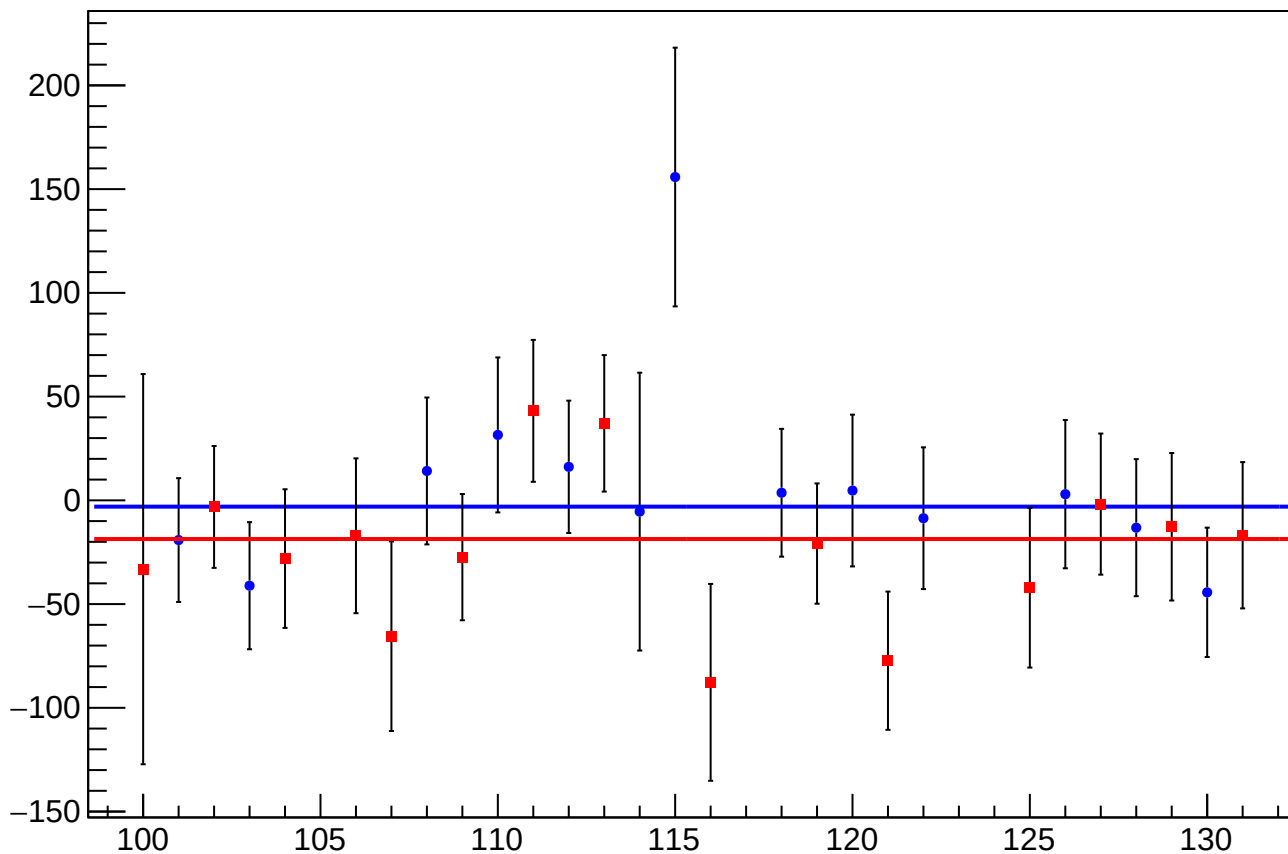
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 179.997 $\pm$ 0.040 χ^2 /NDF: 2415916.9/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_an_ds_dd_mean vs Slug



Right In: -3.036+/-9.734 χ^2/NDF : 11.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.632+/-9.168 χ^2/NDF : 13.5/14

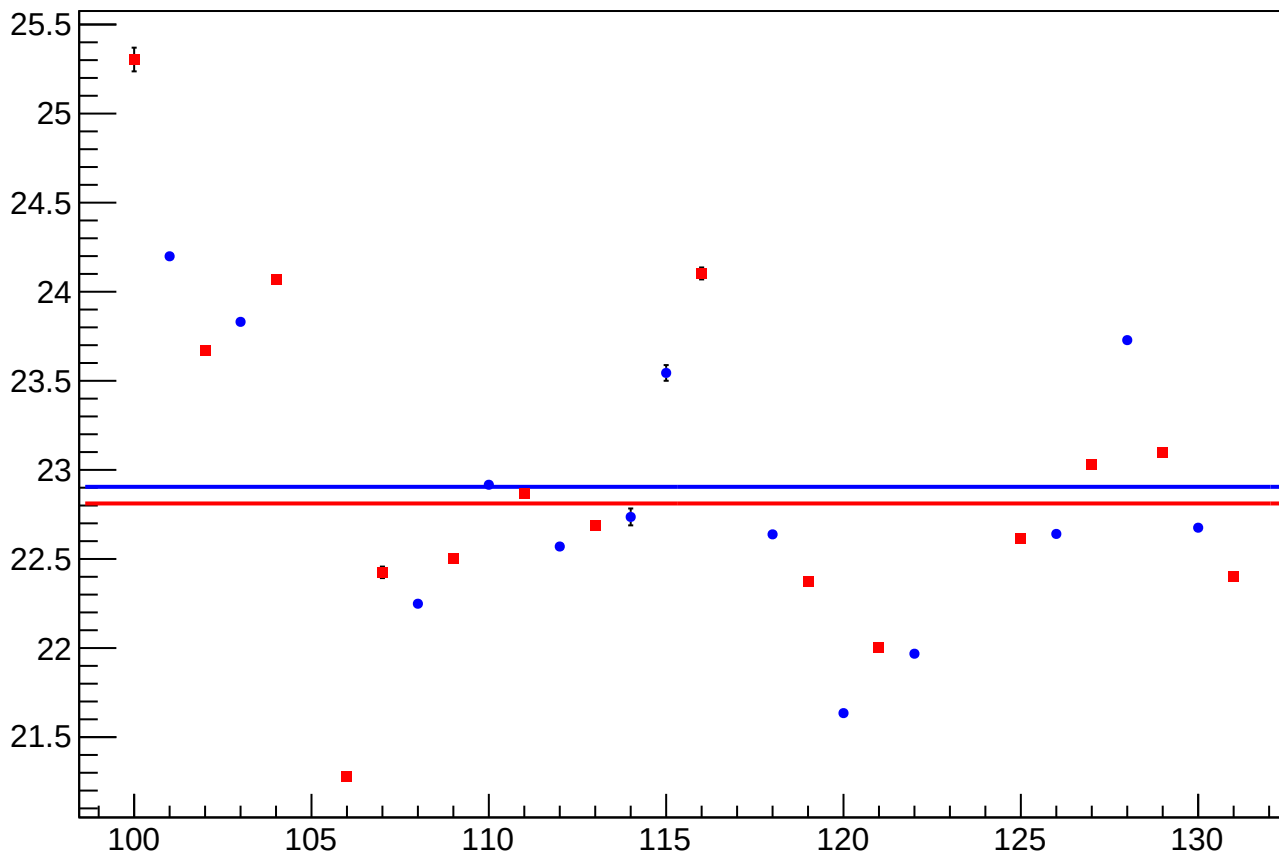
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.300+/-6.674 χ^2/NDF : 26.7/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_ds_dd_rms vs Slug



Right In: 22.905 $\pm$ 0.007 χ^2 /NDF: 12245.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.812 $\pm$ 0.006 χ^2 /NDF: 13327.4/14

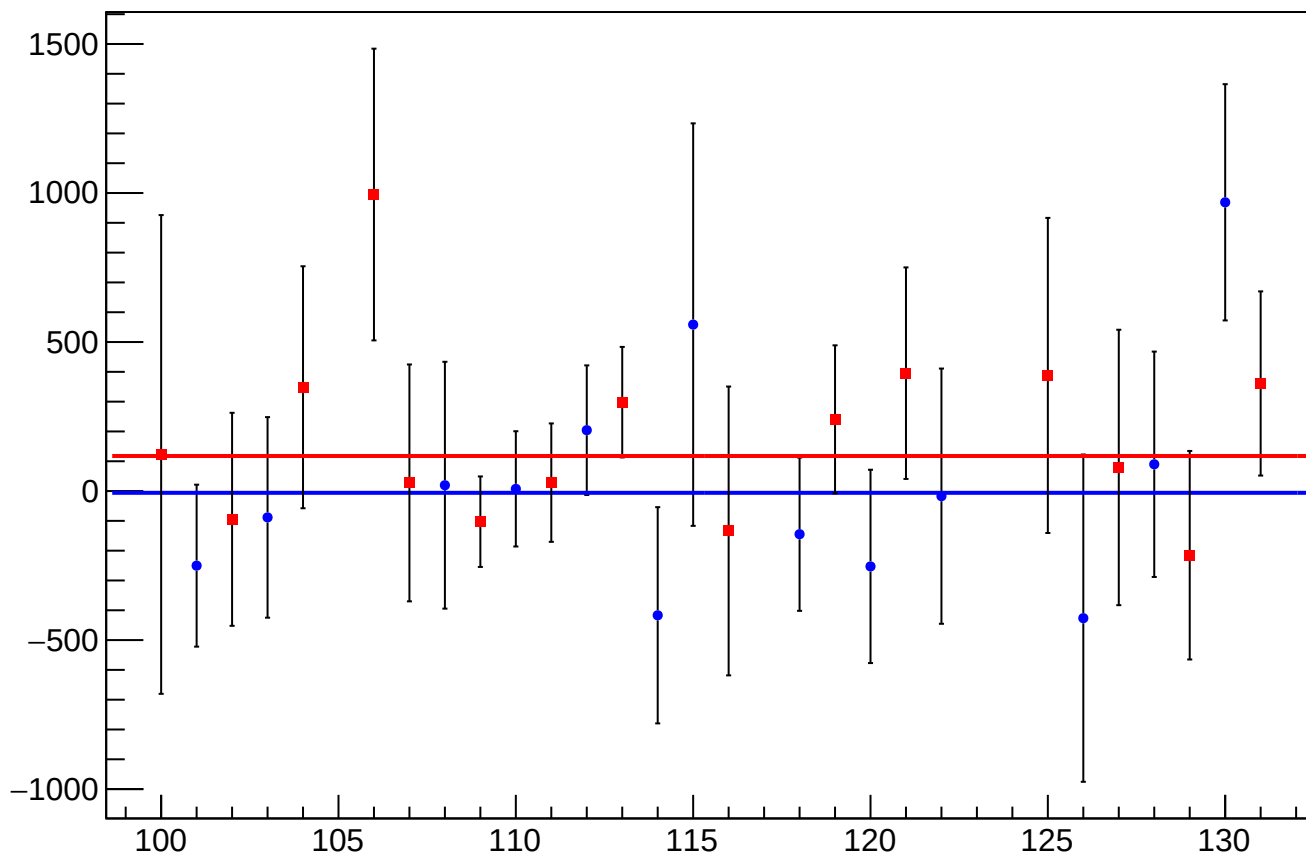
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.855 $\pm$ 0.005 χ^2 /NDF: 25670.3/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_an_ds_avg_mean vs Slug



Right In: -5.875+/-86.820 χ^2/NDF : 11.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.668+/-74.727 χ^2/NDF : 10.1/14

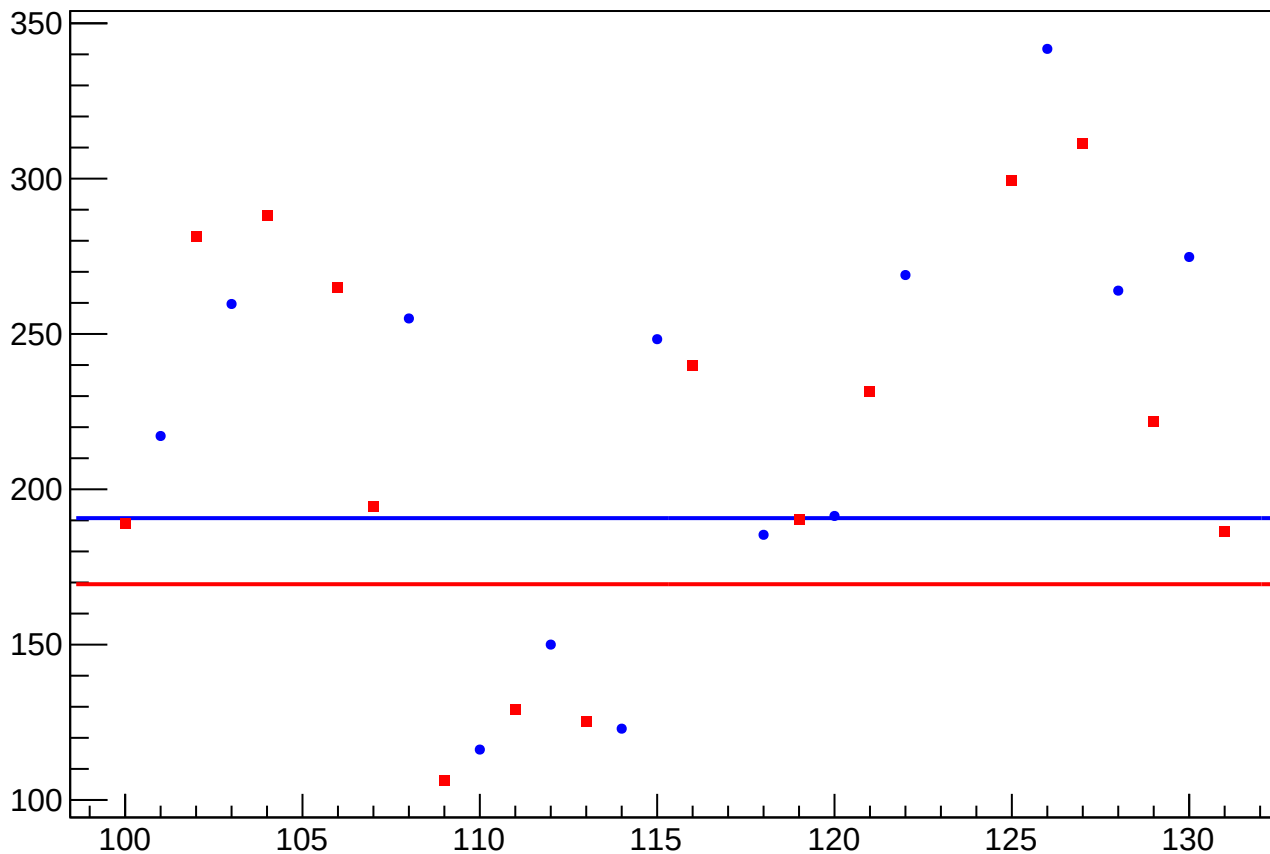
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.093+/-56.637 χ^2/NDF : 22.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_ds_avg_rms vs Slug



Right In: 190.720+/-0.061 χ^2/NDF : 986416.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.451+/-0.053 χ^2/NDF : 1471696.8/14

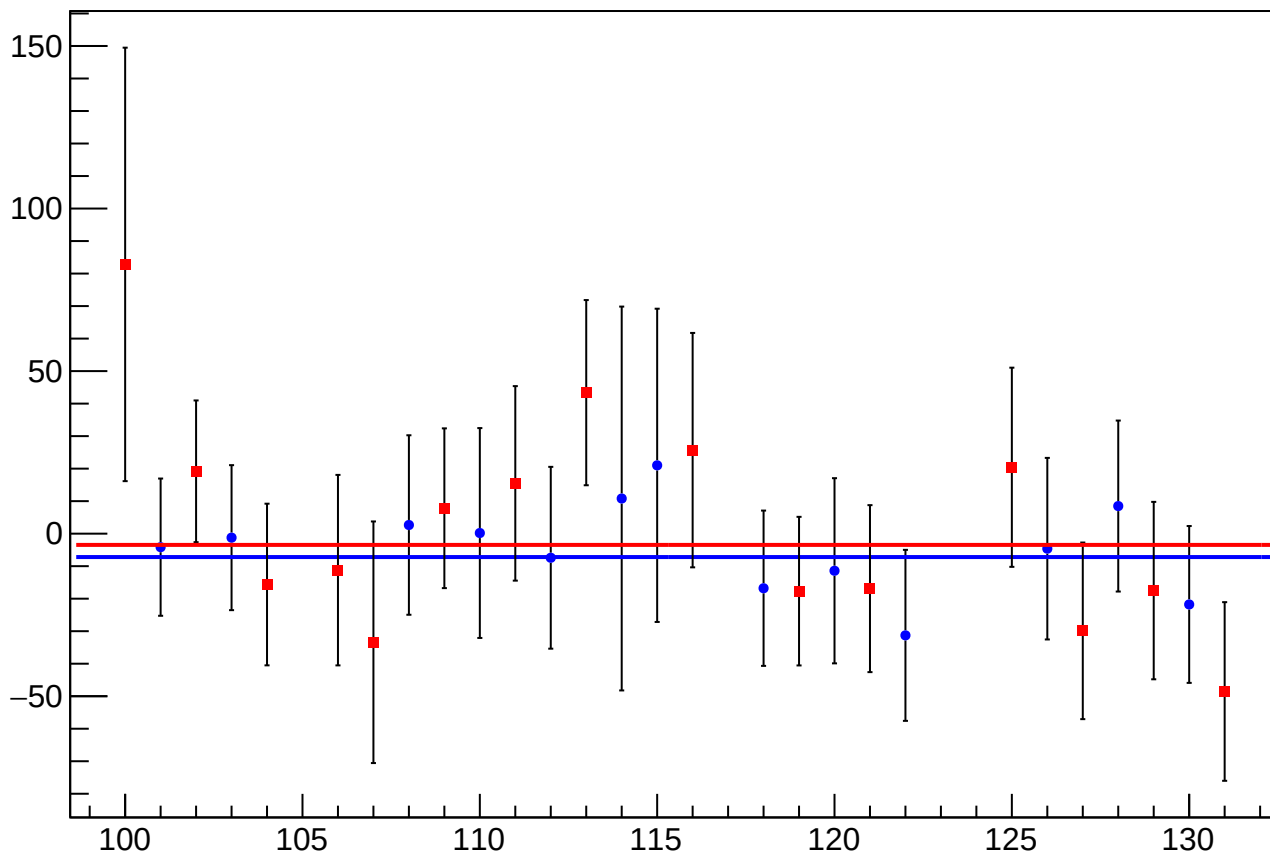
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.502+/-0.040 χ^2/NDF : 2527066.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_ds_dd_mean vs Slug



Right In: -7.197 $\pm$ 7.580 χ^2 /NDF: 2.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.459 $\pm$ 7.229 χ^2 /NDF: 12.9/14

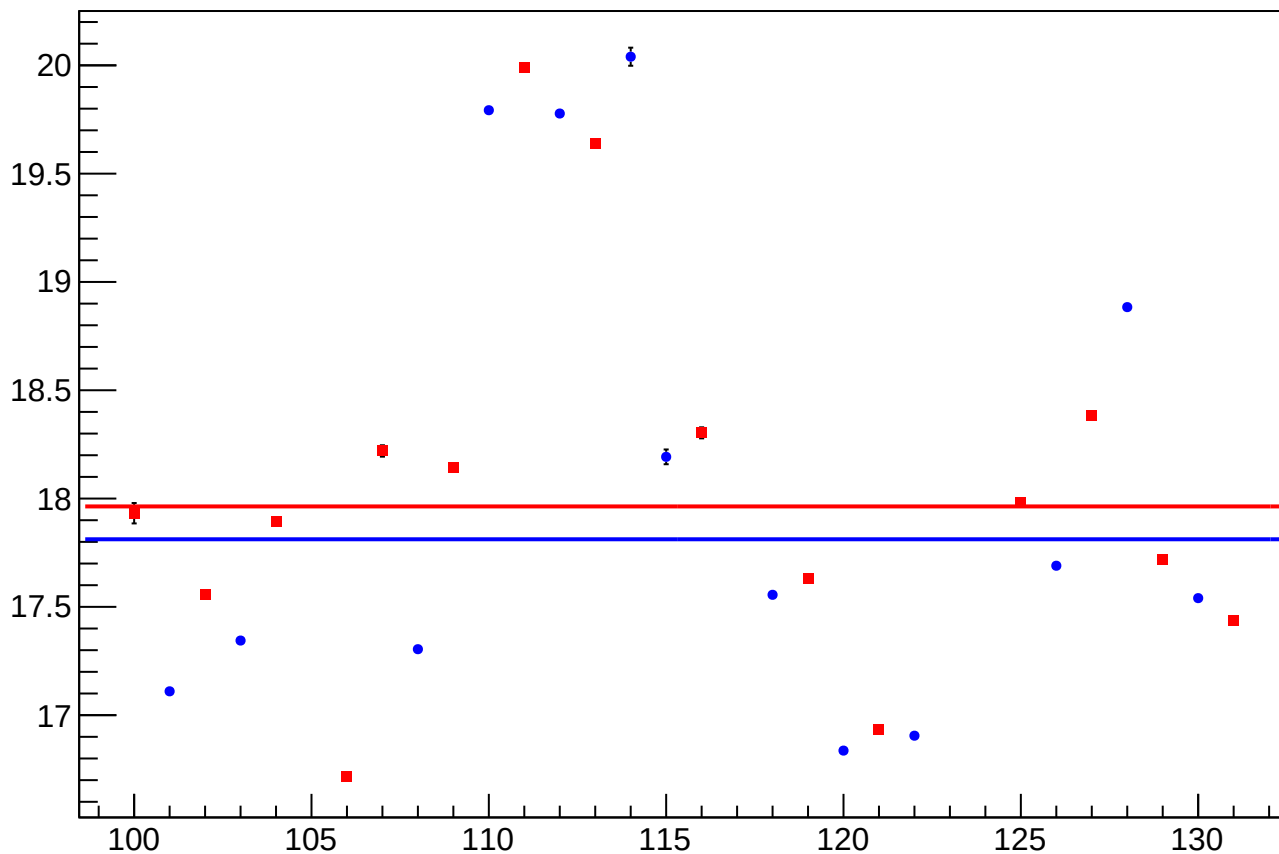
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.240 $\pm$ 5.232 χ^2 /NDF: 15.4/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_an_ds_dd_rms vs Slug



Right In: 17.812 ± 0.005 χ^2/NDF : 32722.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 17.964 ± 0.005 χ^2/NDF : 25813.2/14

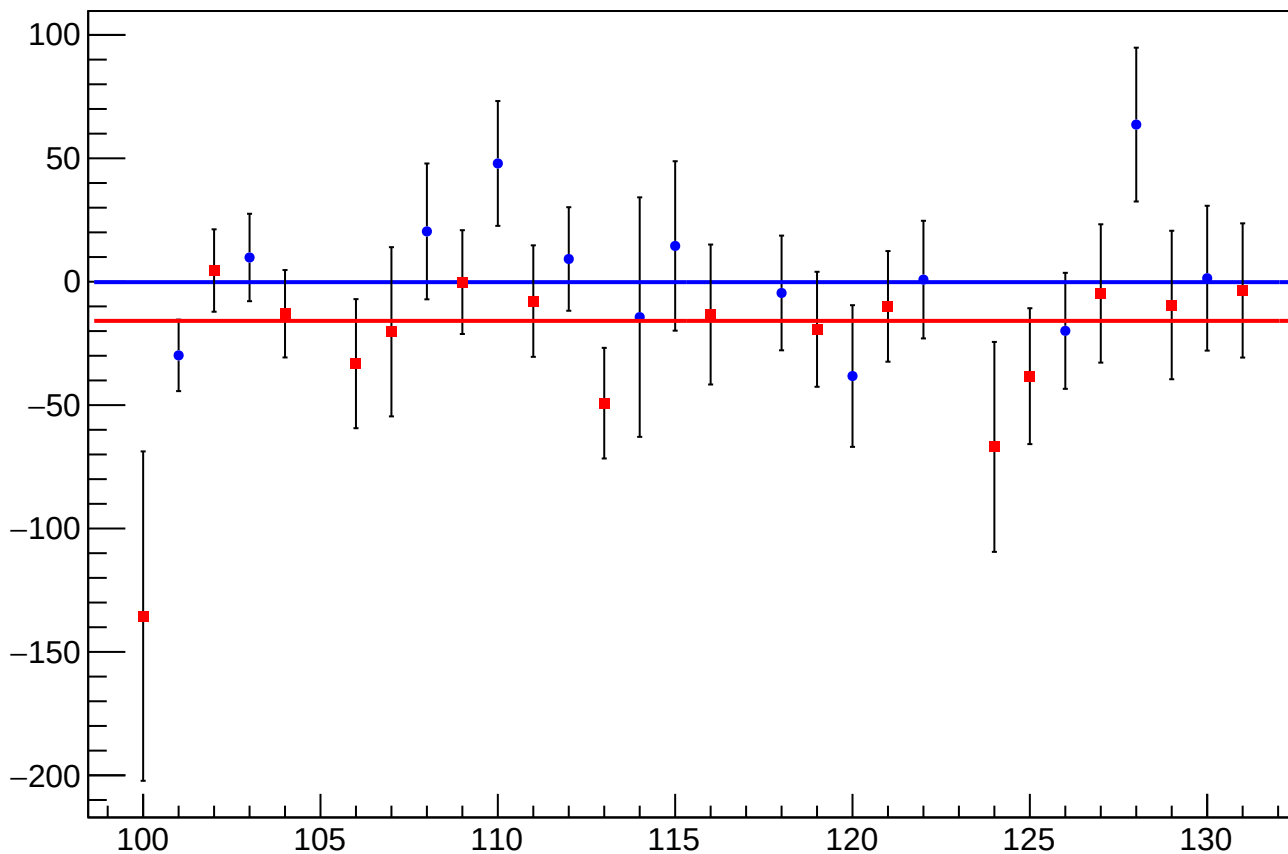
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 17.891 ± 0.004 χ^2/NDF : 58954.8/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4acX_avg_mean vs Slug



Right In: -0.173 ± 6.564 χ^2/NDF : 15.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.864 ± 6.178 χ^2/NDF : 10.7/15

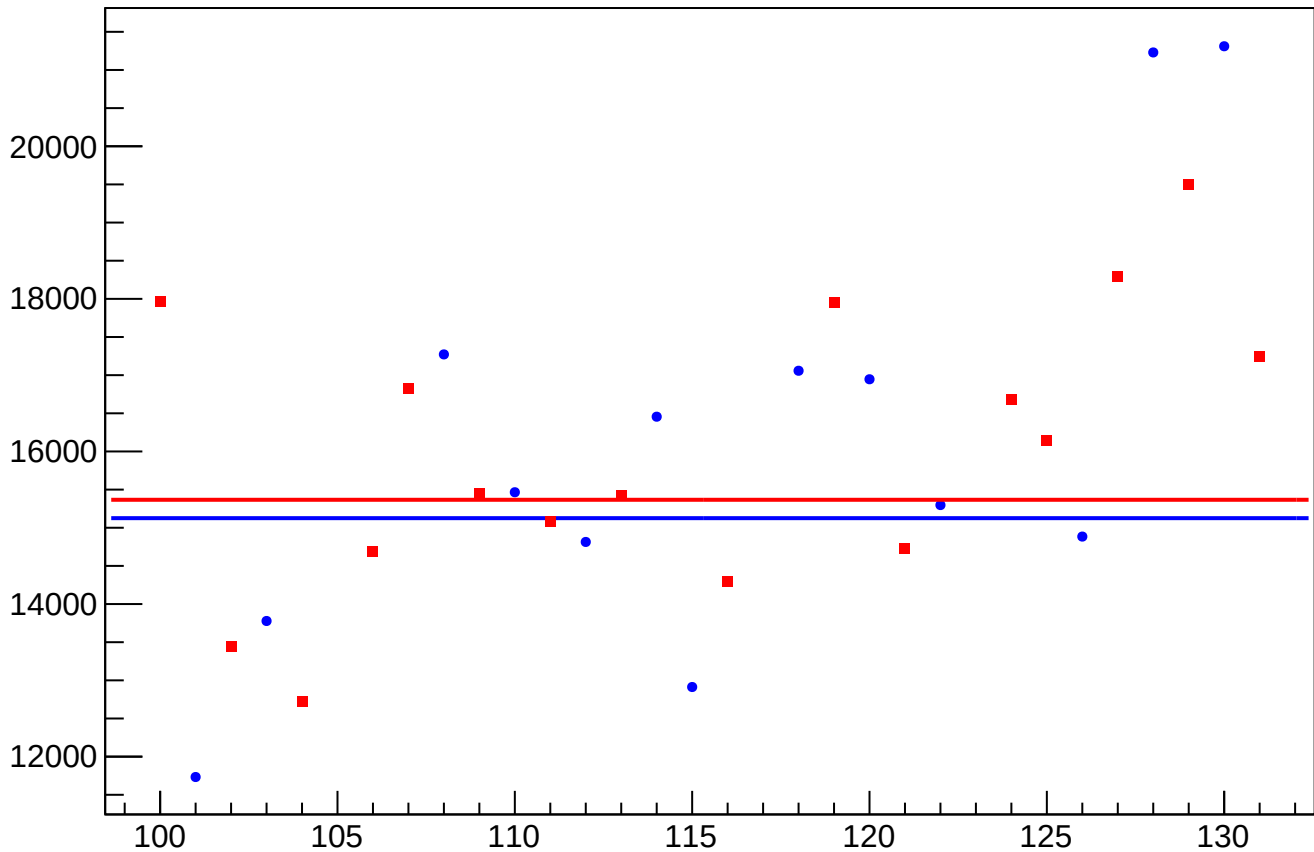
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.494 ± 4.499 χ^2/NDF : 29.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4acX_avg_rms vs Slug



Right In: 15125.769+/-4.641 χ^2/NDF : 331825.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15366.589+/-4.368 χ^2/NDF : 181221.5/15

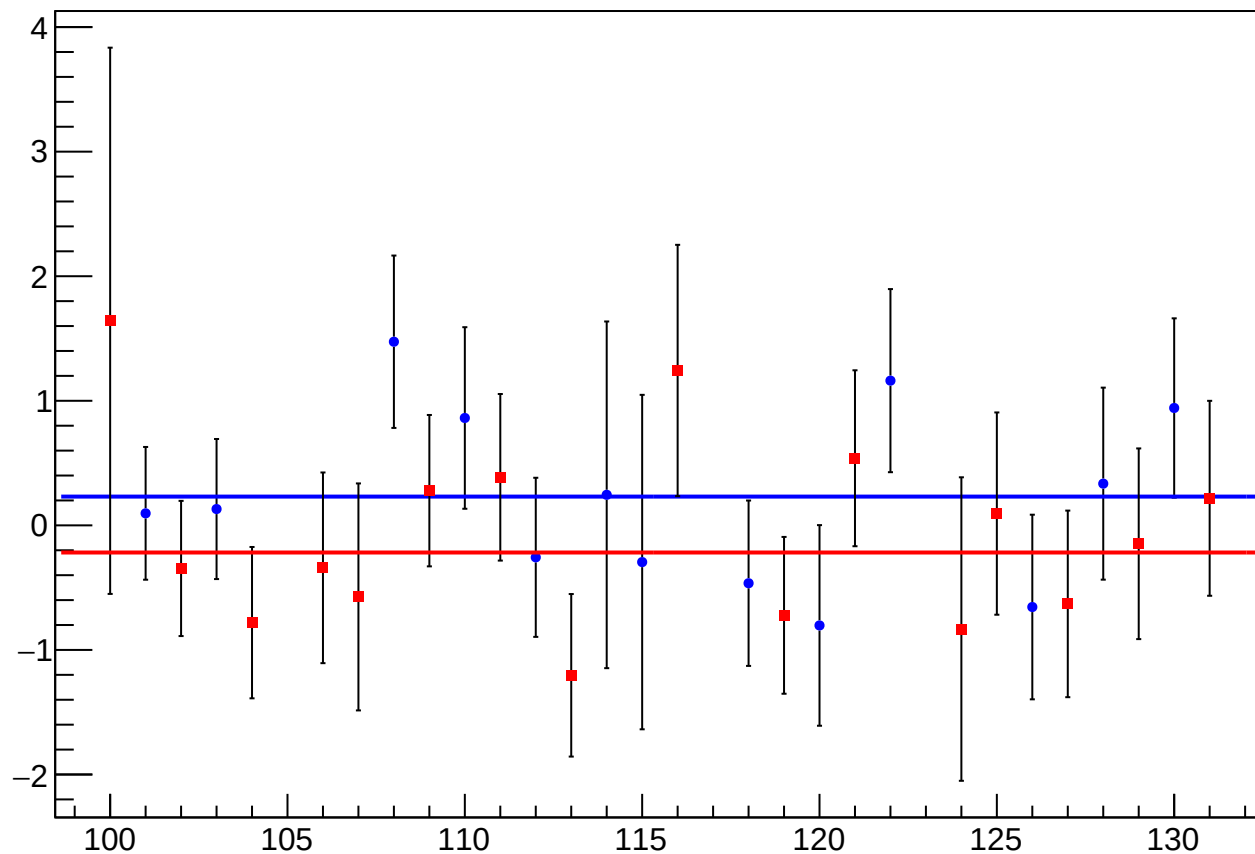
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15253.474+/-3.181 χ^2/NDF : 514474.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

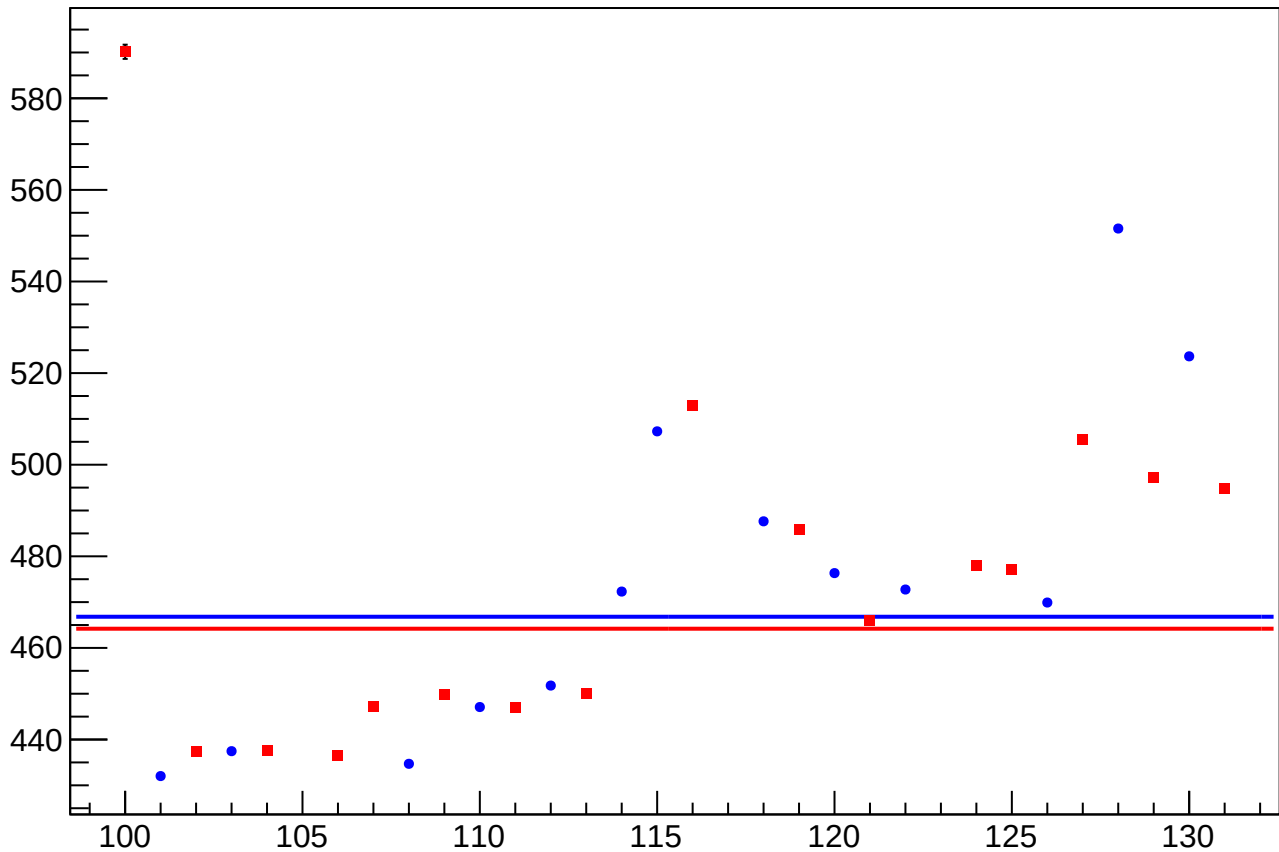
diff_bpm_4aX_4acX_dd_mean vs Slug



Right In: 0.231 $\pm$ 0.199 χ^2 /NDF: 11.6/12
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.218 $\pm$ 0.185 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: -0.010 $\pm$ 0.135 χ^2 /NDF: 24.8/28
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aX_4acX_dd_rms vs Slug



Right In: 466.807 ± 0.141 $\chi^2/\text{NDF}: 61787.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 464.193 ± 0.131 $\chi^2/\text{NDF}: 42640.2/15$

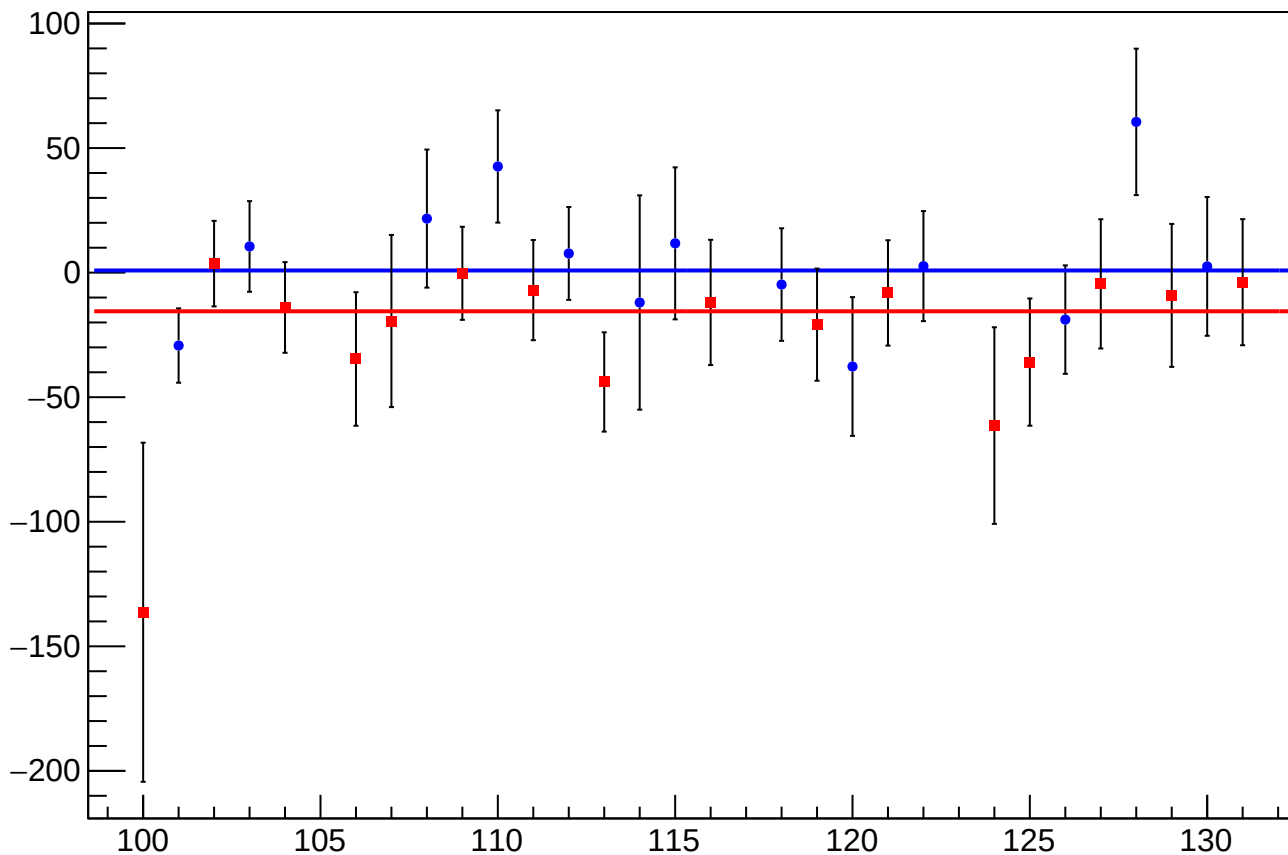
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 465.402 ± 0.096 $\chi^2/\text{NDF}: 104612.9/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm_4aX_4eX_avg_mean vs Slug



Right In: 0.864+/-6.308 χ^2/NDF : 15.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.517+/-5.877 χ^2/NDF : 10.4/15

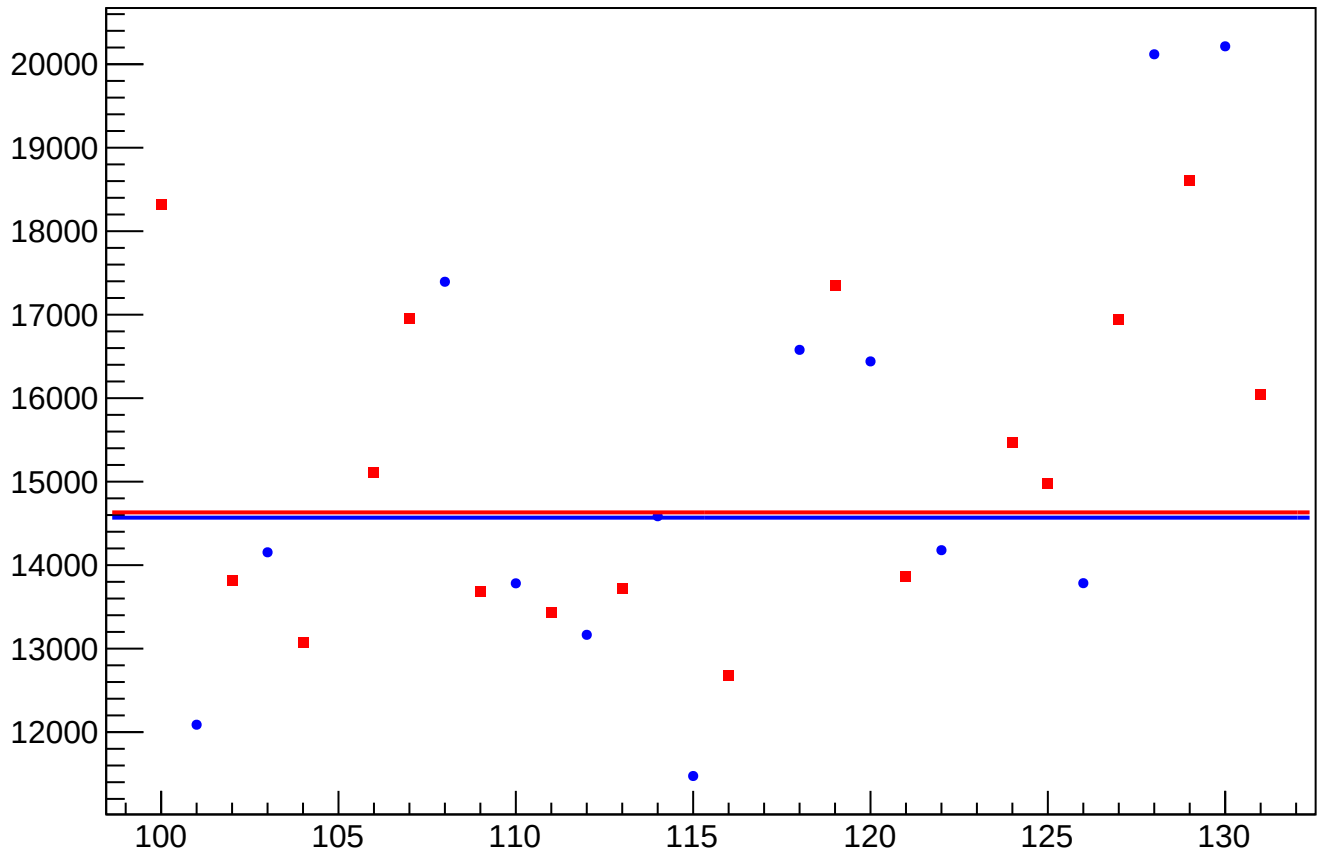
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.905+/-4.300 χ^2/NDF : 29.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4eX_avg_rms vs Slug



Right In: 14568.817 $\pm$ 4.461 χ^2 /NDF: 293066.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14631.764 $\pm$ 4.156 χ^2 /NDF: 156962.7/15

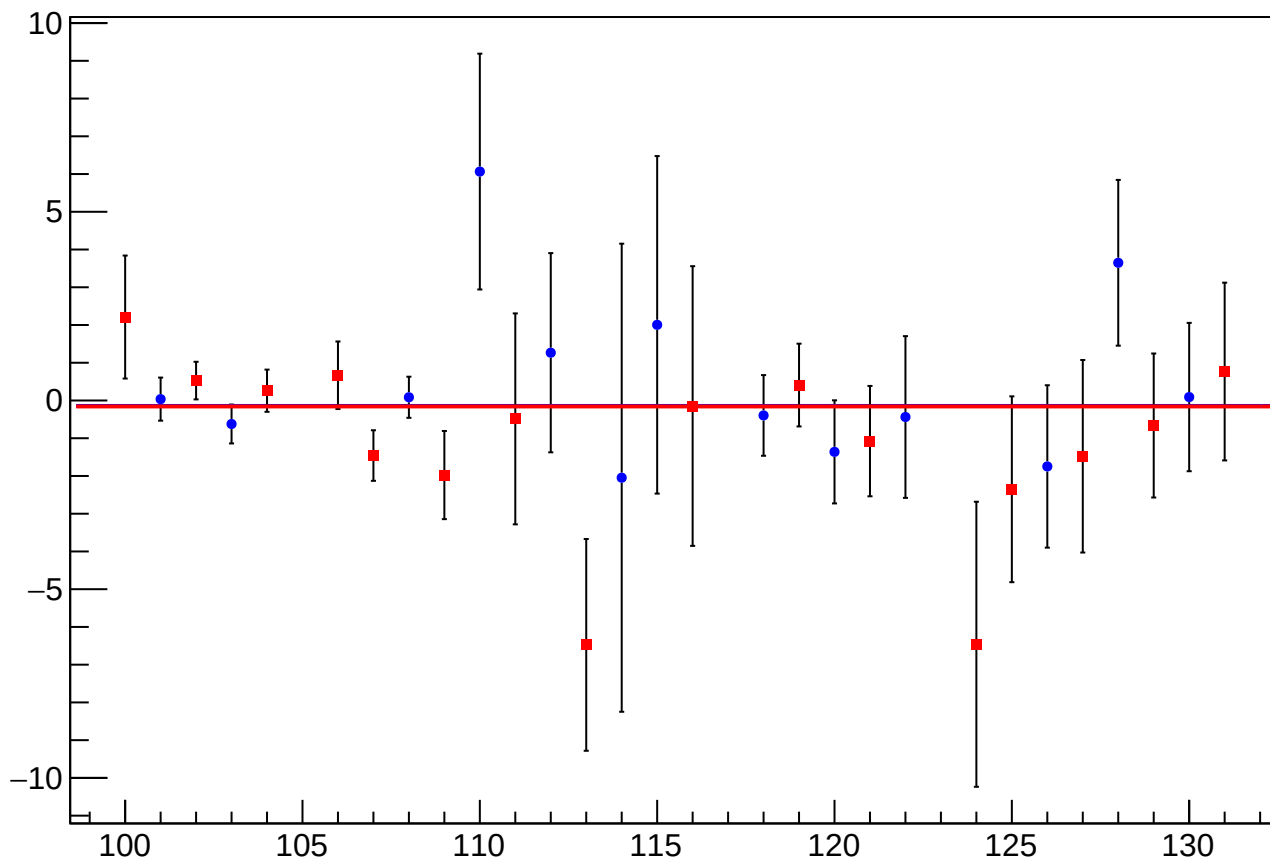
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14602.513 $\pm$ 3.041 χ^2 /NDF: 450135.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aX_4eX_dd_mean vs Slug



Right In: -0.145 ± 0.279 χ^2/NDF : 10.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.158 ± 0.265 χ^2/NDF : 21.4/15

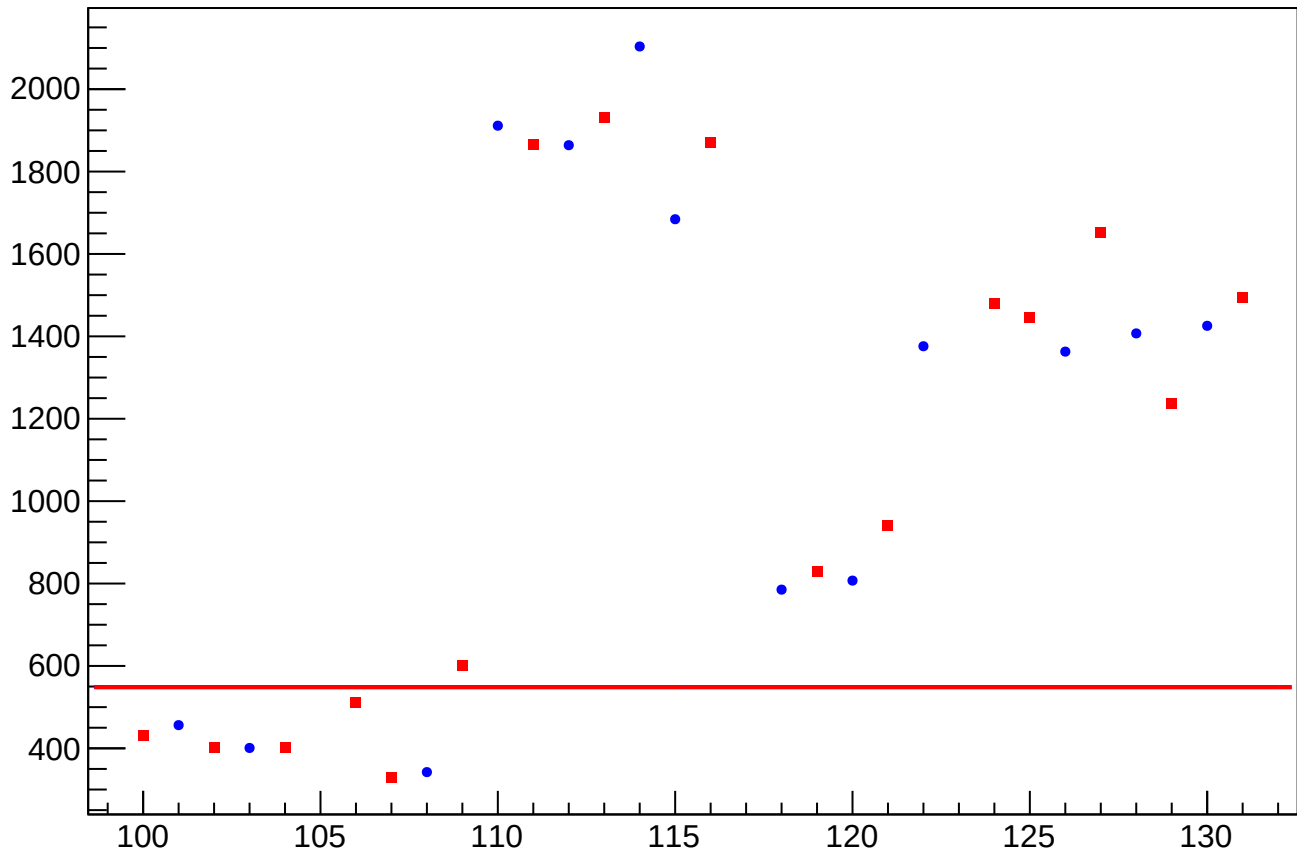
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.152 ± 0.192 χ^2/NDF : 31.5/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4eX_dd_rms vs Slug



Right In: 548.457+/-0.197 χ^2/NDF : 3094232.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 548.470+/-0.187 χ^2/NDF : 3351481.7/15

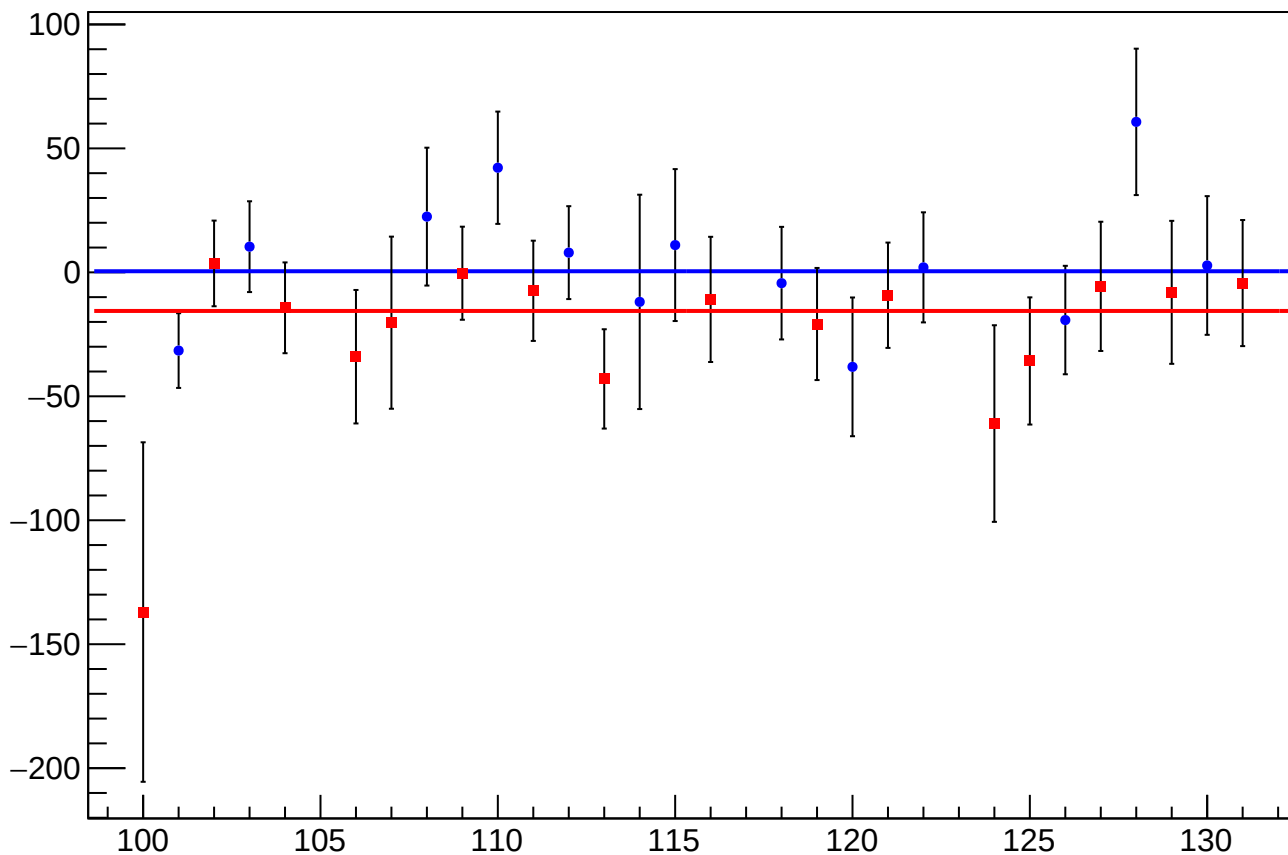
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 548.464+/-0.136 χ^2/NDF : 6445714.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4ecX_avg_mean vs Slug



Right In: 0.447 $\pm$ 6.345 χ^2 /NDF: 16.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -15.572 $\pm$ 5.908 χ^2 /NDF: 10.1/15

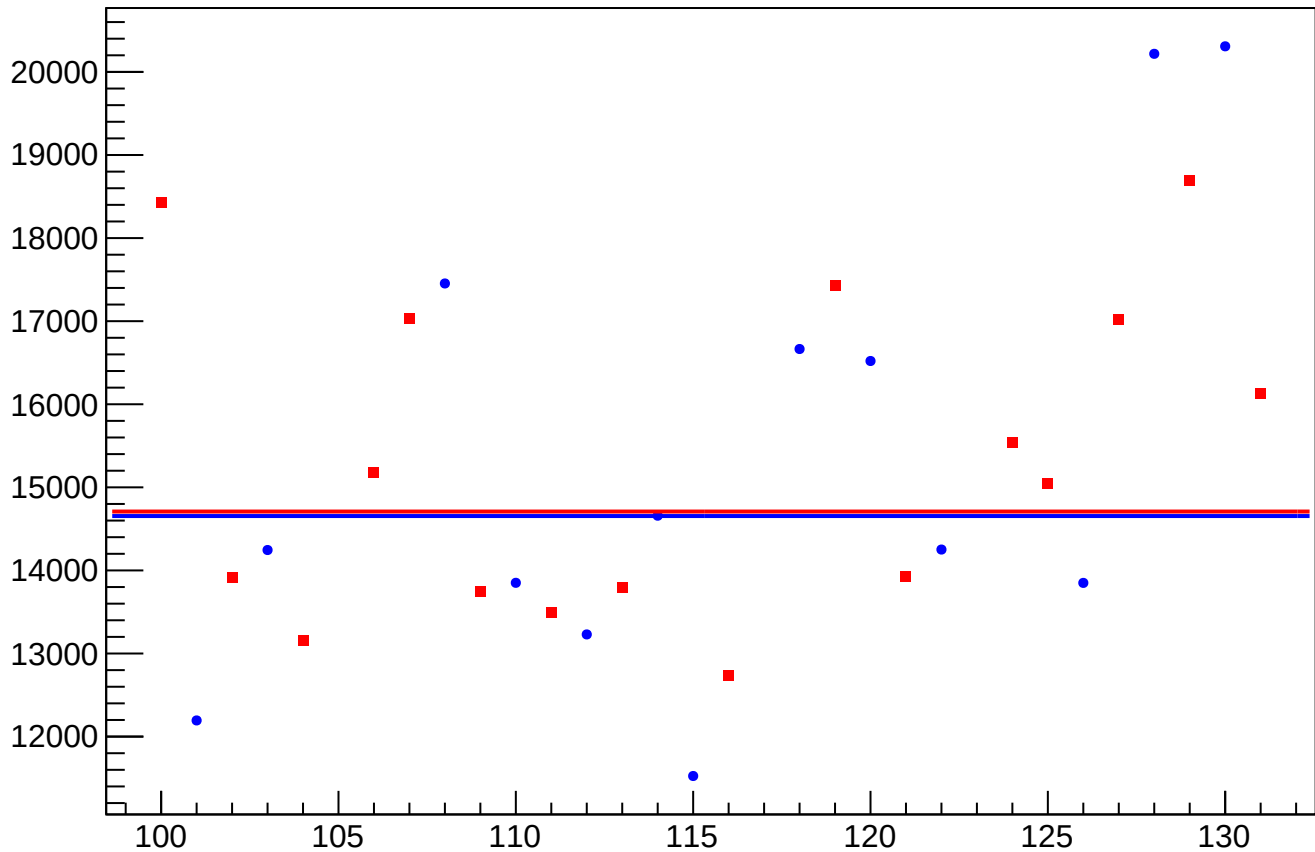
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -8.133 $\pm$ 4.324 χ^2 /NDF: 29.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aX_4ecX_avg_rms vs Slug



Right In: 14654.496 $\pm$ 4.487 χ^2 /NDF: 290142.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 14708.798 $\pm$ 4.178 χ^2 /NDF: 156340.7/15

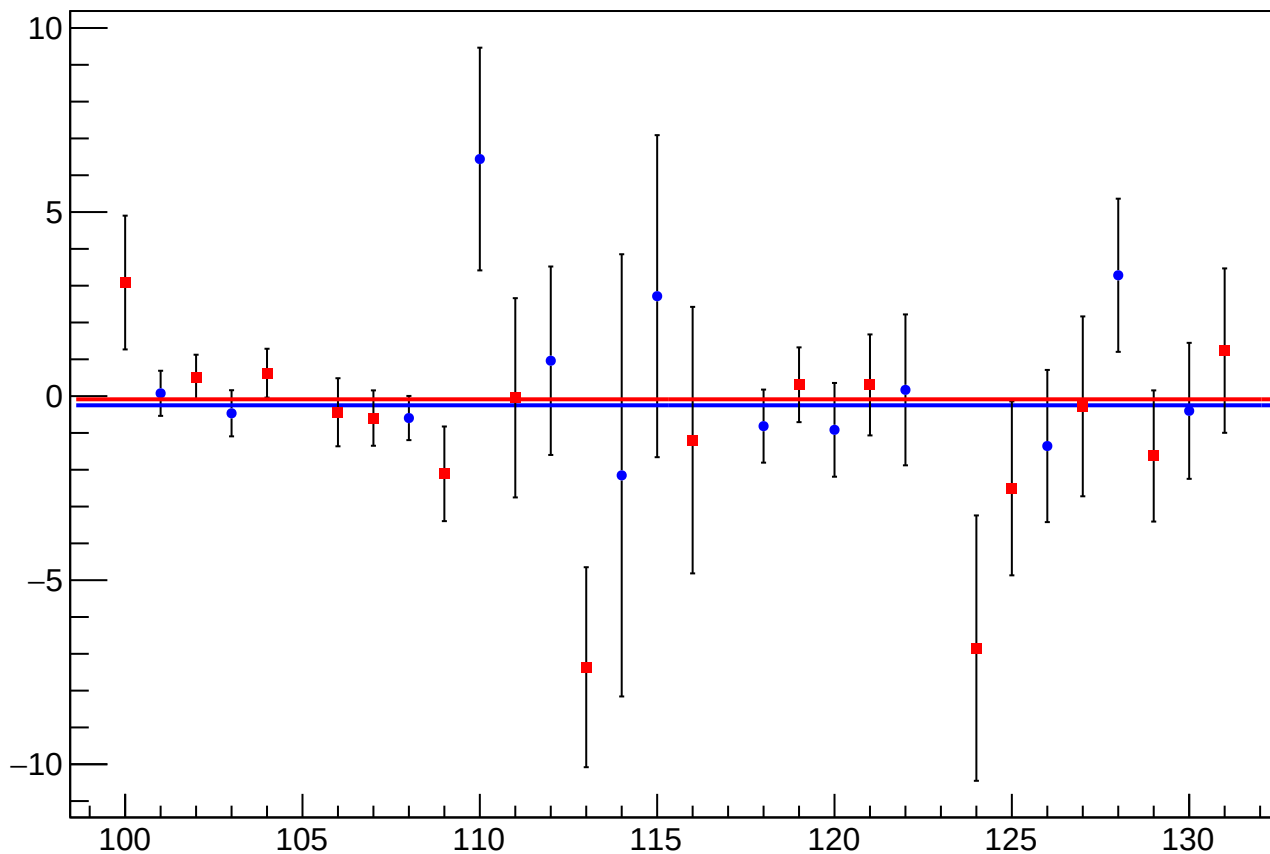
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14683.581 $\pm$ 3.058 χ^2 /NDF: 446561.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aX_4ecX_dd_mean vs Slug



Right In: -0.249 ± 0.302 χ^2/NDF : 10.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.086 ± 0.293 χ^2/NDF : 21.4/15

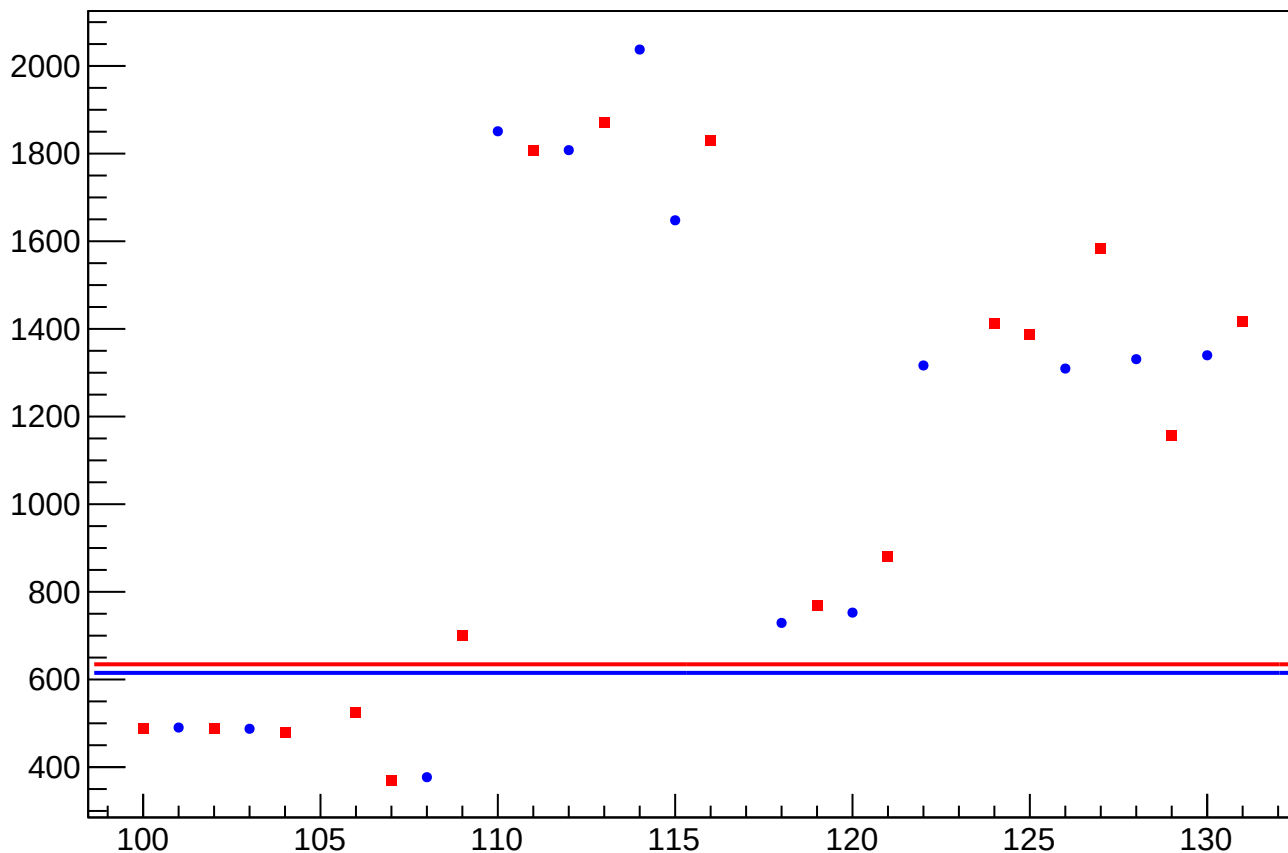
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.165 ± 0.210 χ^2/NDF : 31.8/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4ecX_dd_rms vs Slug



Right In: 615.083+/-0.214 χ^2/NDF : 2526945.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

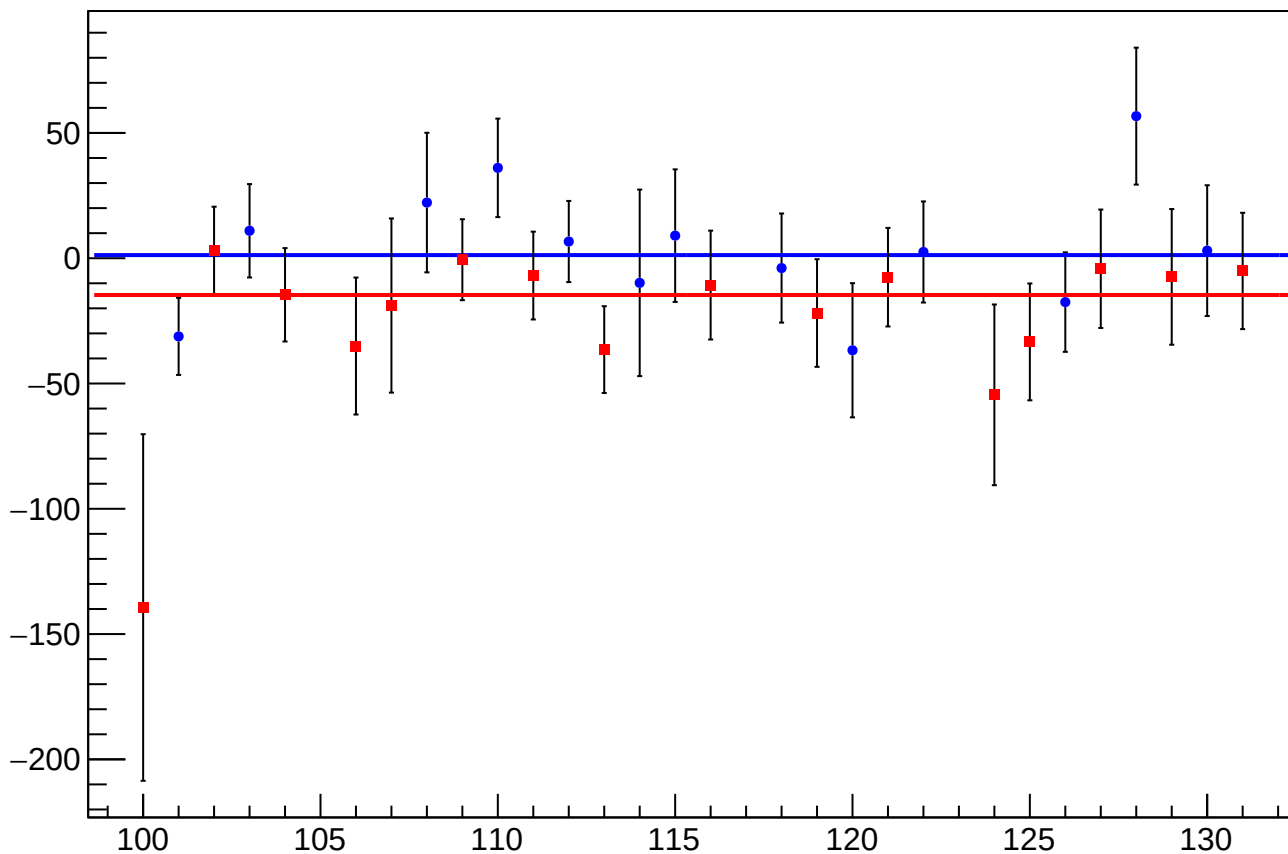
Right Out: 634.661+/-0.207 χ^2/NDF : 2642331.5/15

All: 625.160+/-0.149 χ^2/NDF : 5173600.9/28

- 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_4eX_4ecX_avg_mean vs Slug



Right In: 1.250+/-5.949 χ^2/NDF : 15.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.685+/-5.472 χ^2/NDF : 9.9/15

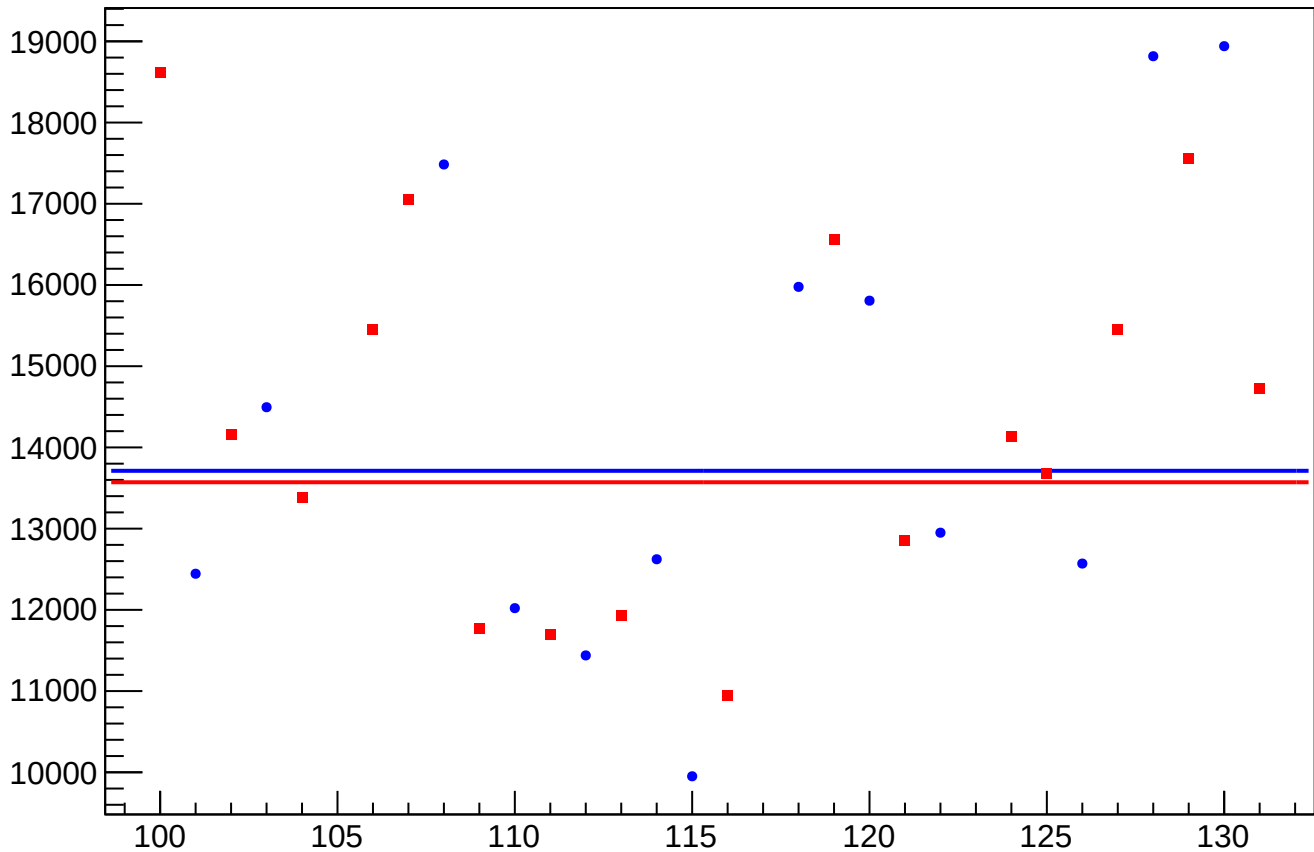
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.382+/-4.027 χ^2/NDF : 29.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4eX_4ecX_avg_rms vs Slug



Right In: 13712.116+/-4.207 χ^2/NDF : 343497.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13571.124+/-3.869 χ^2/NDF : 240004.2/15

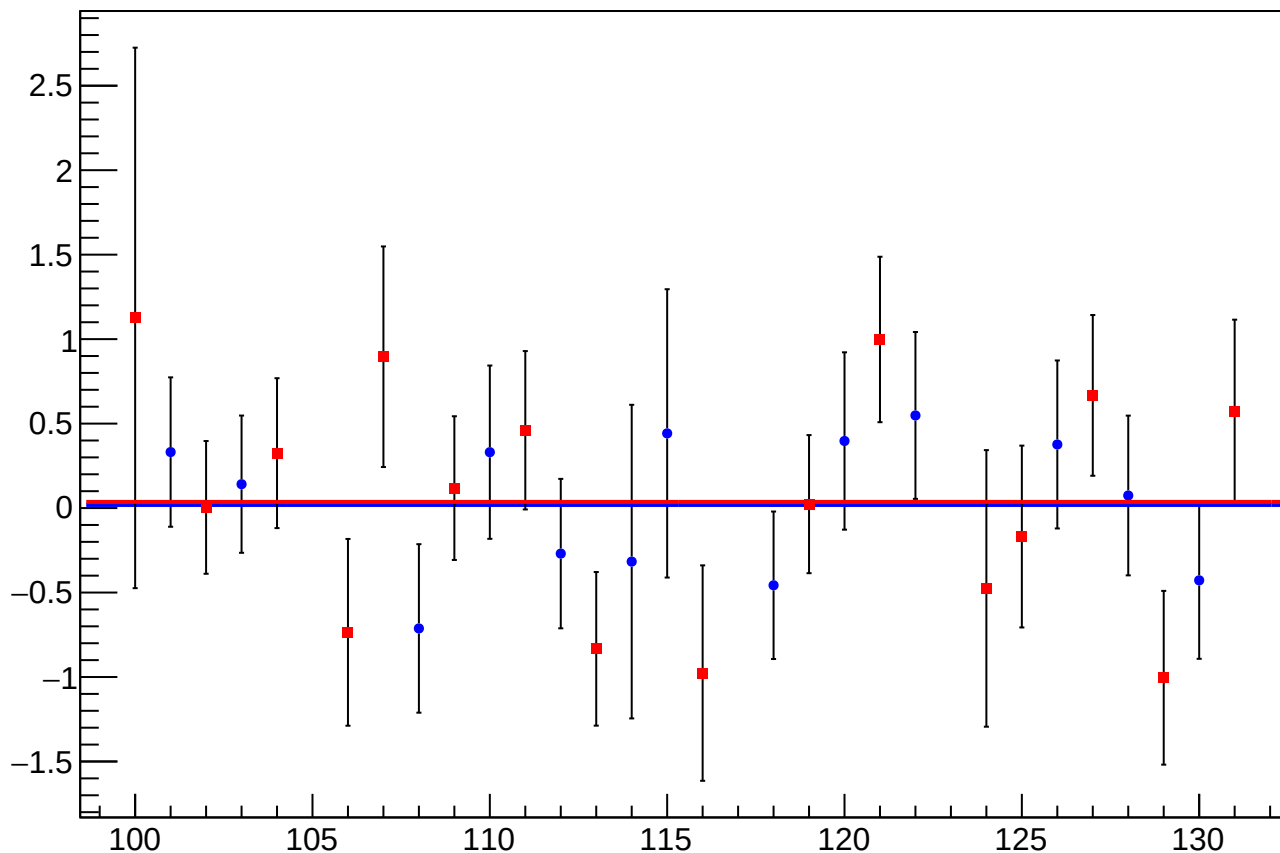
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13635.737+/-2.848 χ^2/NDF : 584109.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4eX_4ecX_dd_mean vs Slug



Right In: 0.018+/-0.138 χ^2/NDF : 8.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.037+/-0.127 χ^2/NDF : 22.9/15

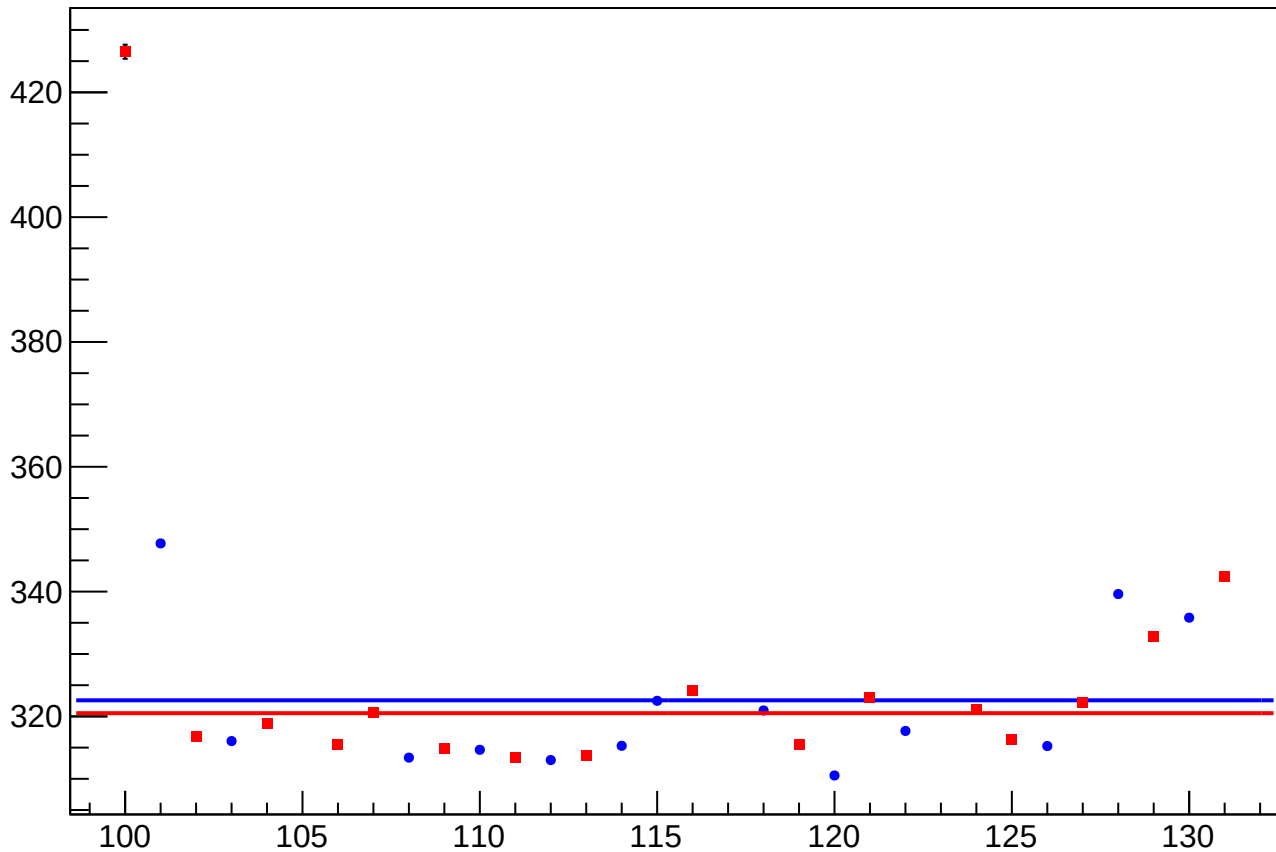
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.093 χ^2/NDF : 31.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4eX_4ecX_dd_rms vs Slug



Right In: 322.578+/-0.097 χ^2/NDF : 15132.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 320.517+/-0.090 χ^2/NDF : 15398.4/15

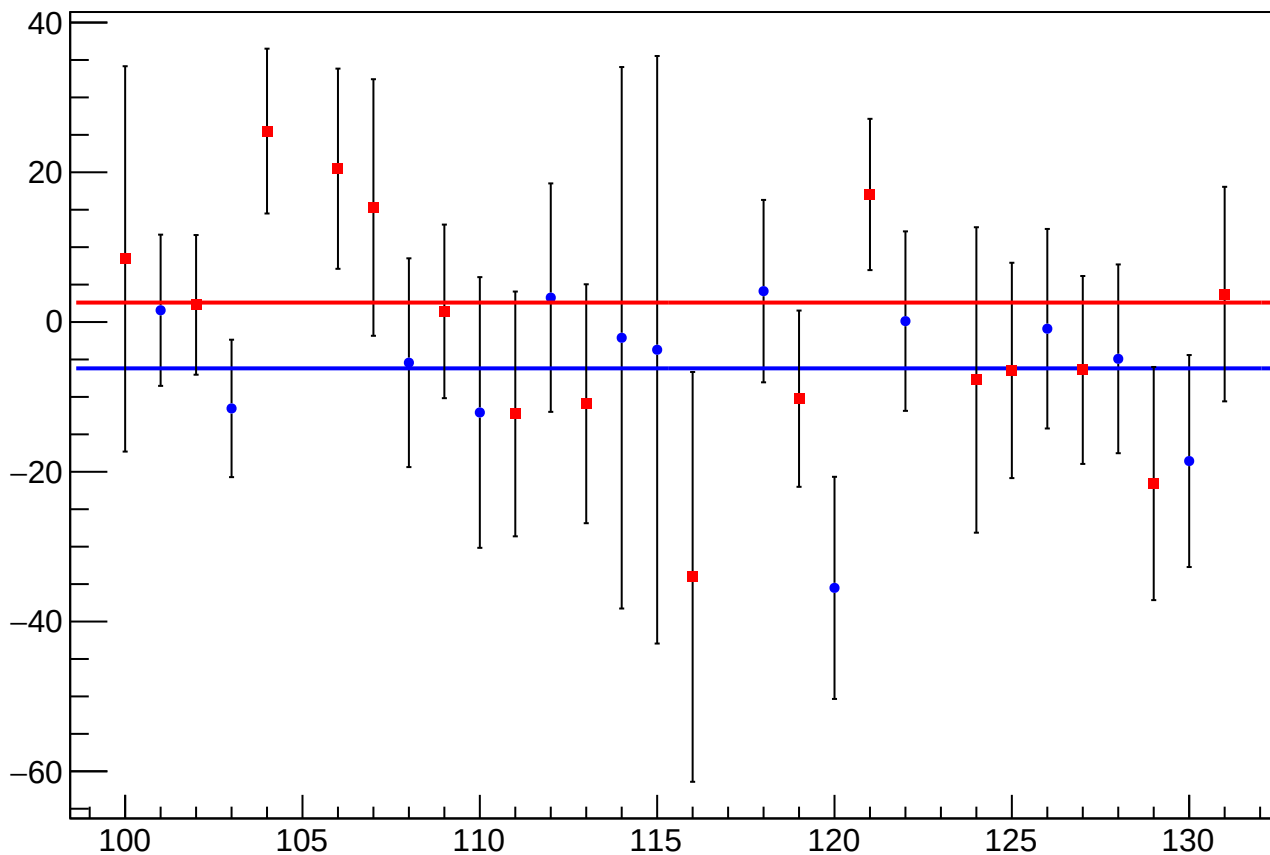
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 321.467+/-0.066 χ^2/NDF : 30772.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4acY_avg_mean vs Slug



Right In: -6.186 $\pm$ 3.759 χ^2 /NDF: 7.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.600 $\pm$ 3.404 χ^2 /NDF: 16.9/15

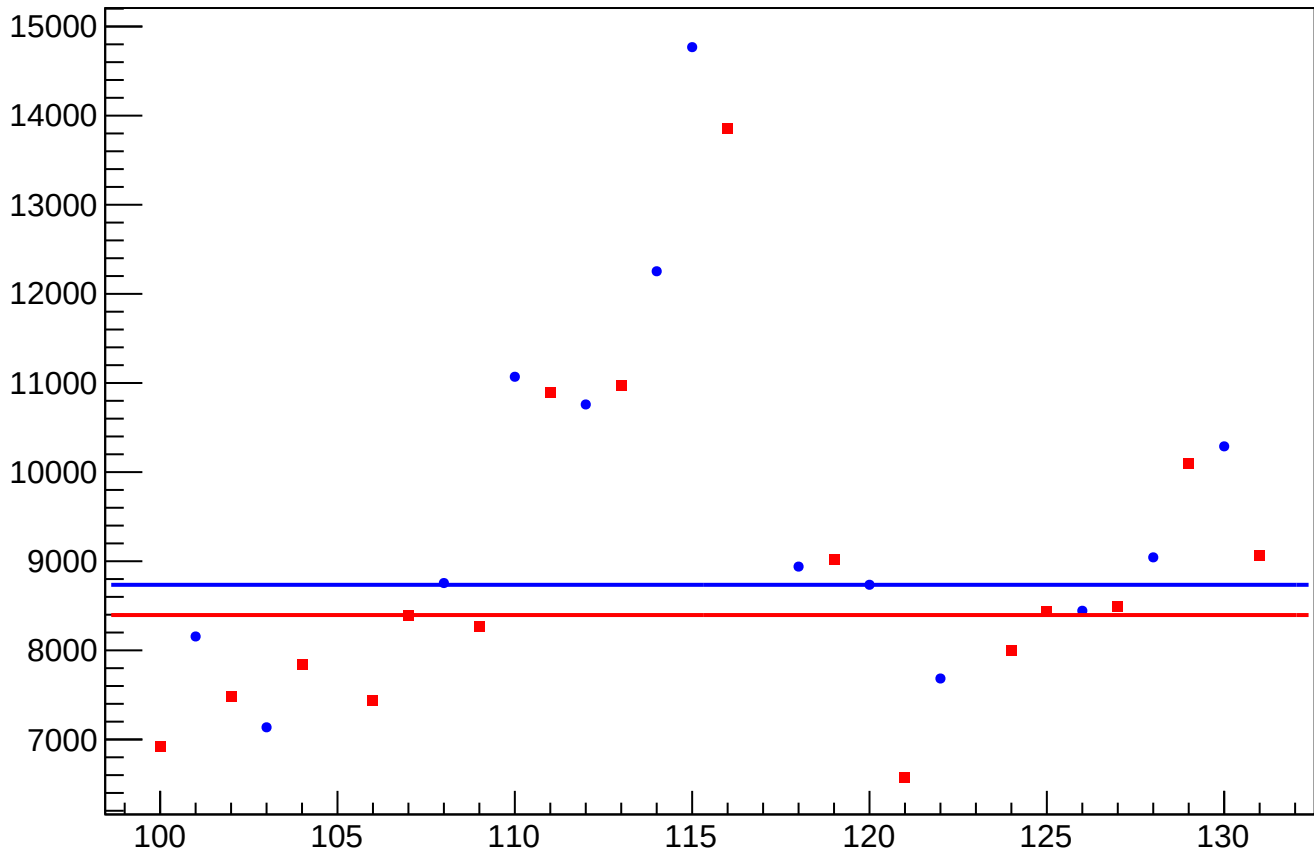
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.358 $\pm$ 2.523 χ^2 /NDF: 27.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4acY_avg_rms vs Slug



Right In: 8735.377+/-2.658 χ^2/NDF : 244264.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8396.262+/-2.407 χ^2/NDF : 319052.4/15

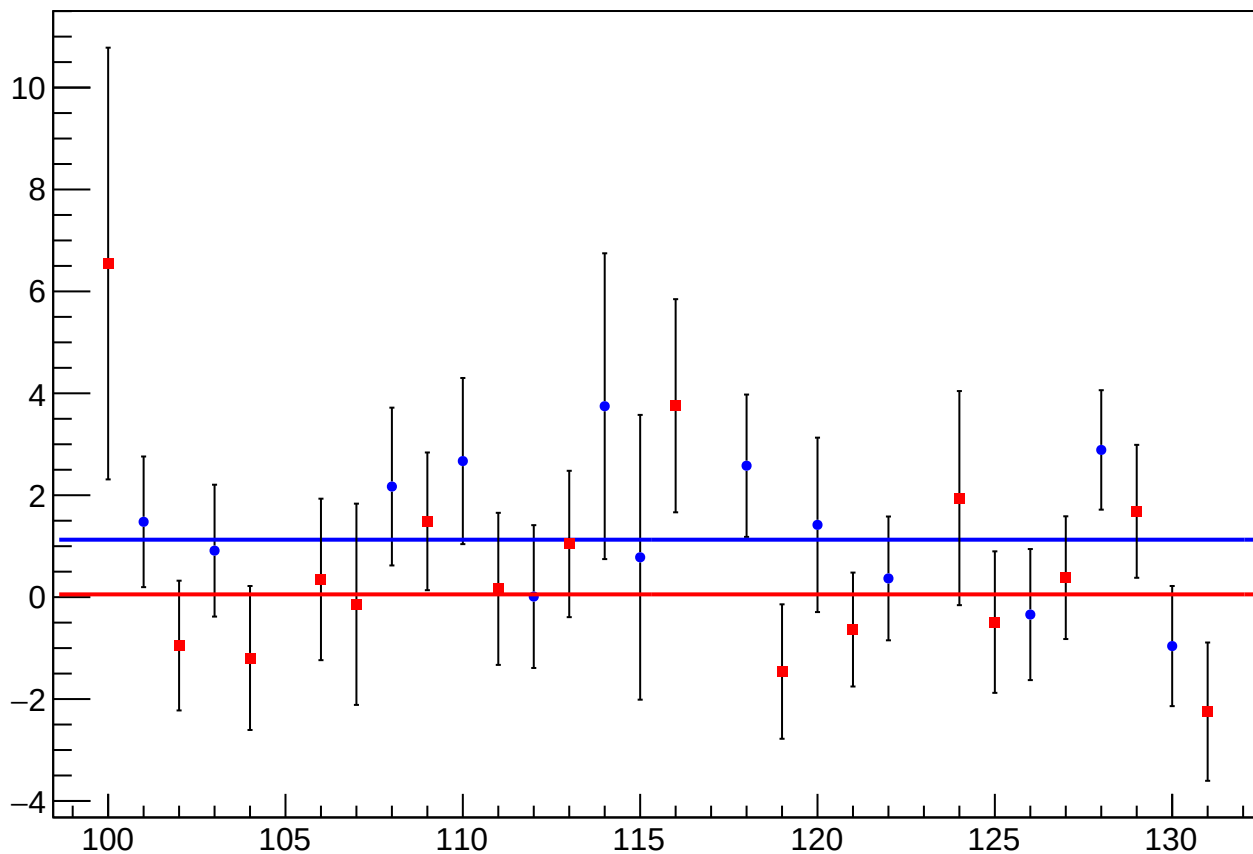
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8549.022+/-1.784 χ^2/NDF : 572259.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4acY_dd_mean vs Slug



Right In: 1.127 $\pm$ 0.397 χ^2/NDF : 11.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.054 $\pm$ 0.366 χ^2/NDF : 15.7/15

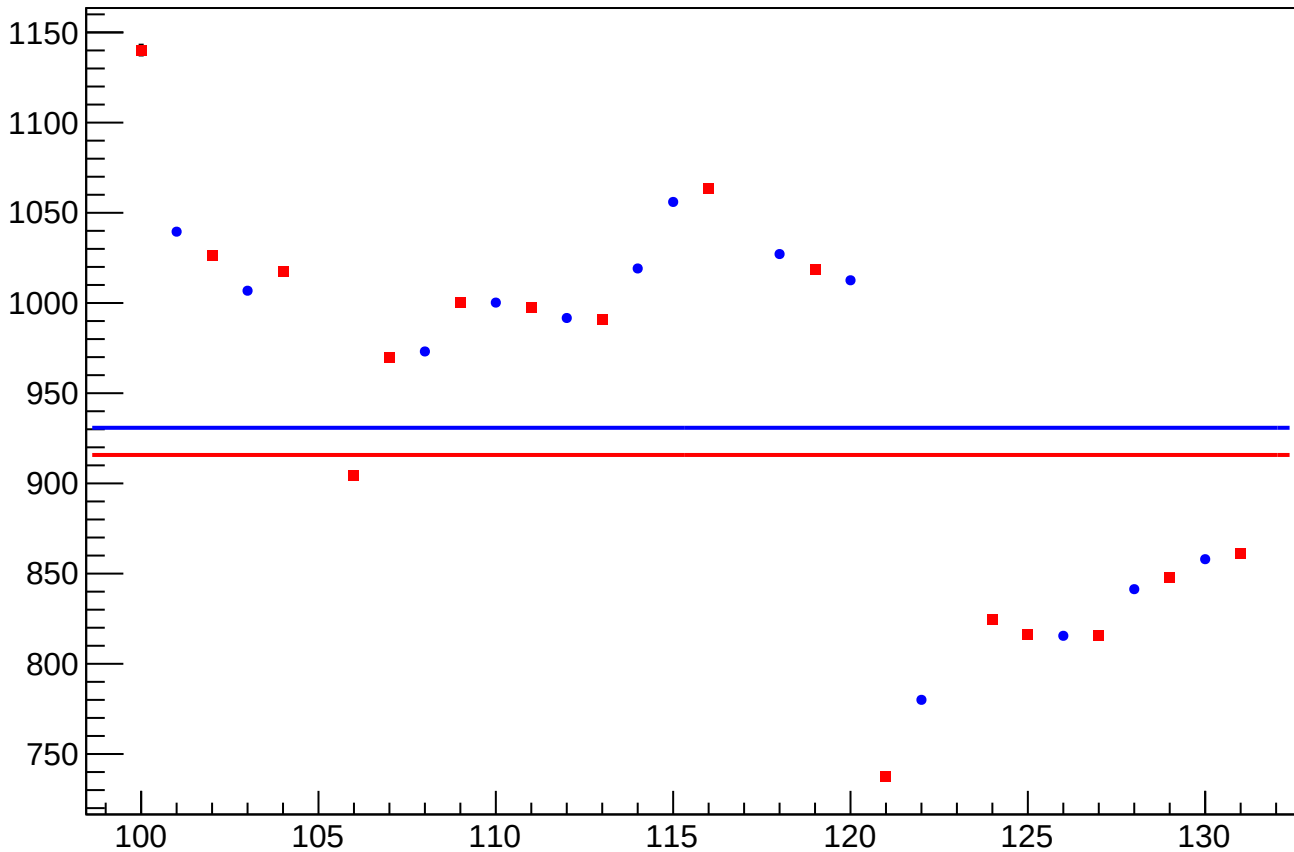
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.546 $\pm$ 0.269 χ^2/NDF : 30.7/28

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4acY_dd_rms vs Slug



Right In: 930.830 $\pm$ 0.281 χ^2 /NDF: 116167.1/12

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

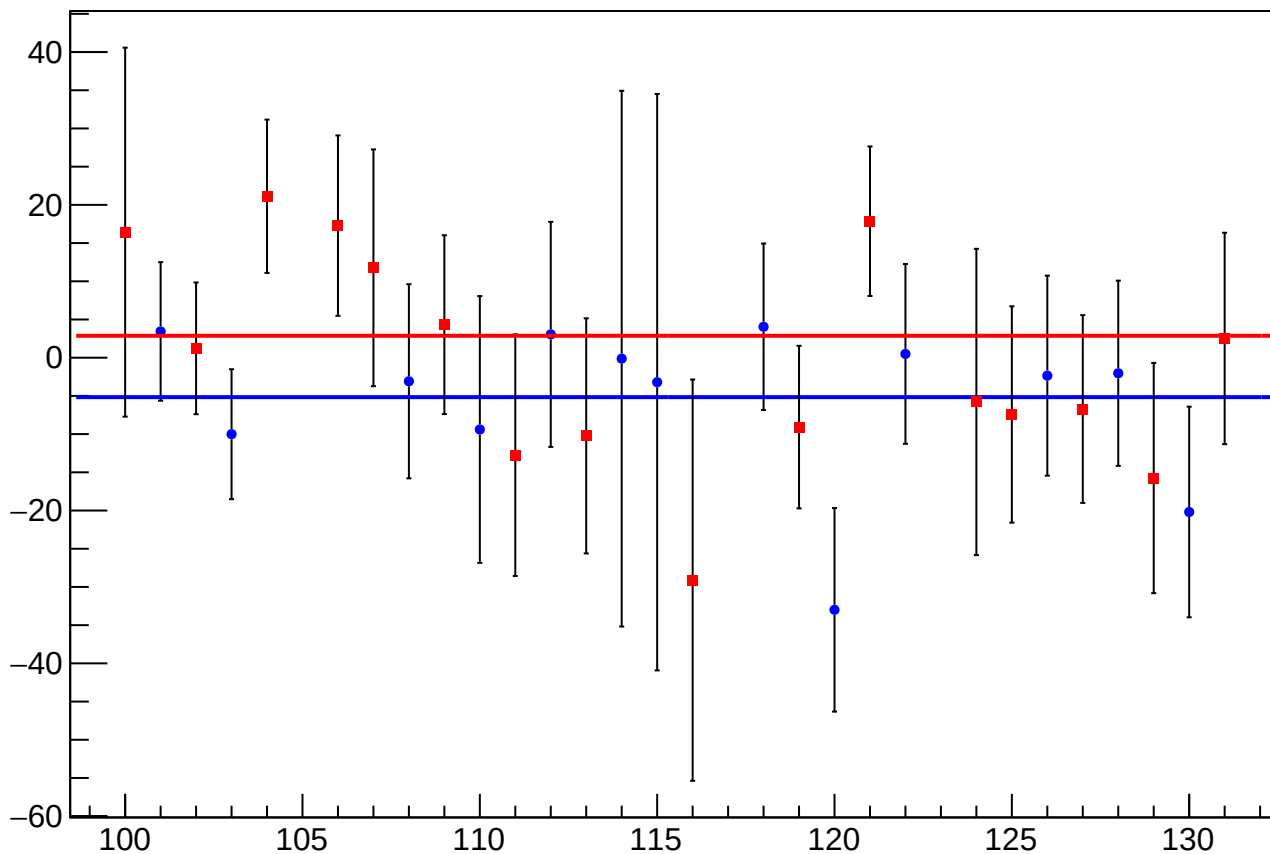
Right Out: 915.765 $\pm$ 0.259 χ^2 /NDF: 161441.5/15

All: 922.671 $\pm$ 0.190 χ^2 /NDF: 279164.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4eY_avg_mean vs Slug



Right In: -5.161 ± 3.518 χ^2/NDF : 8.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.870 ± 3.220 χ^2/NDF : 15.1/15

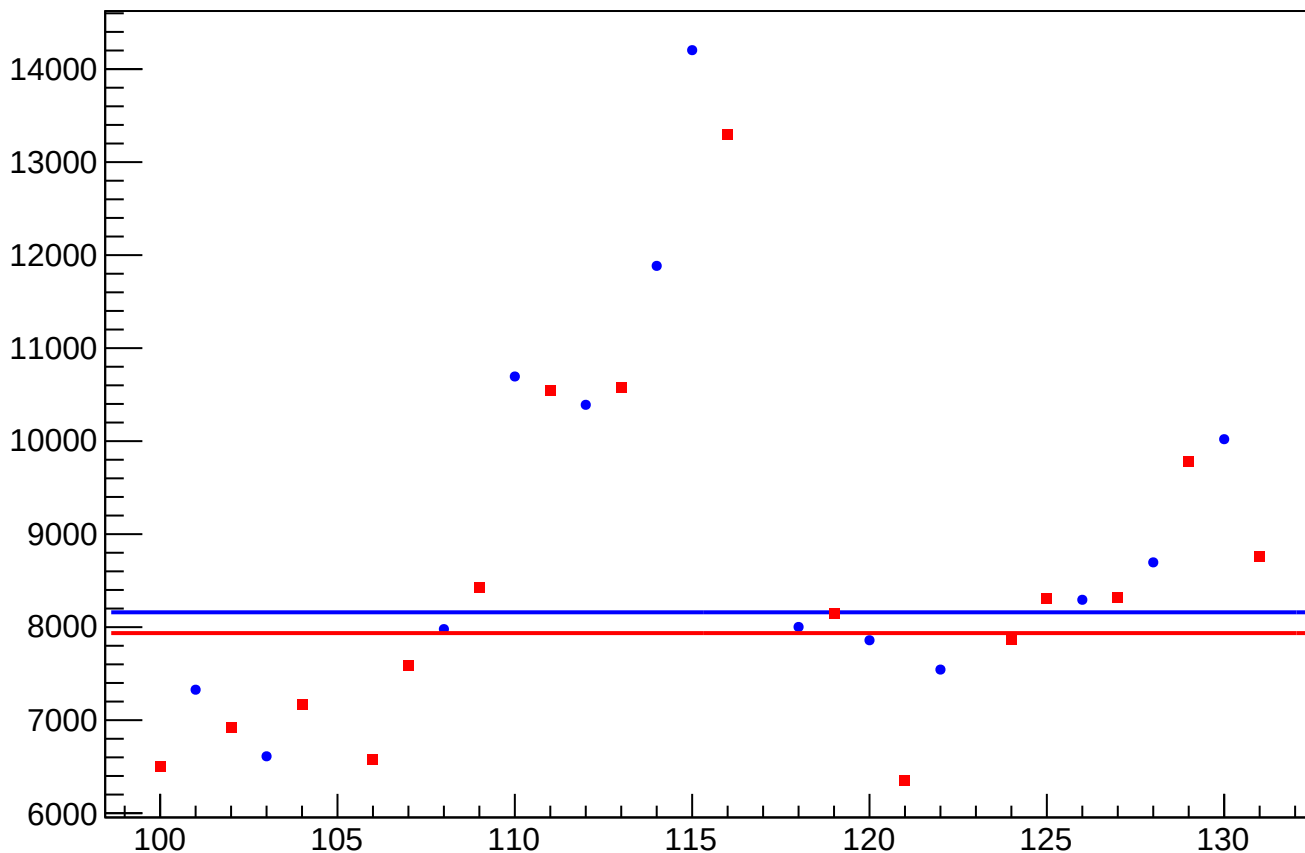
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.791 ± 2.375 χ^2/NDF : 26.2/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4eY_avg_rms vs Slug



Right In: 8159.657+/-2.488 χ^2/NDF : 293084.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7936.140+/-2.277 χ^2/NDF : 367593.7/15

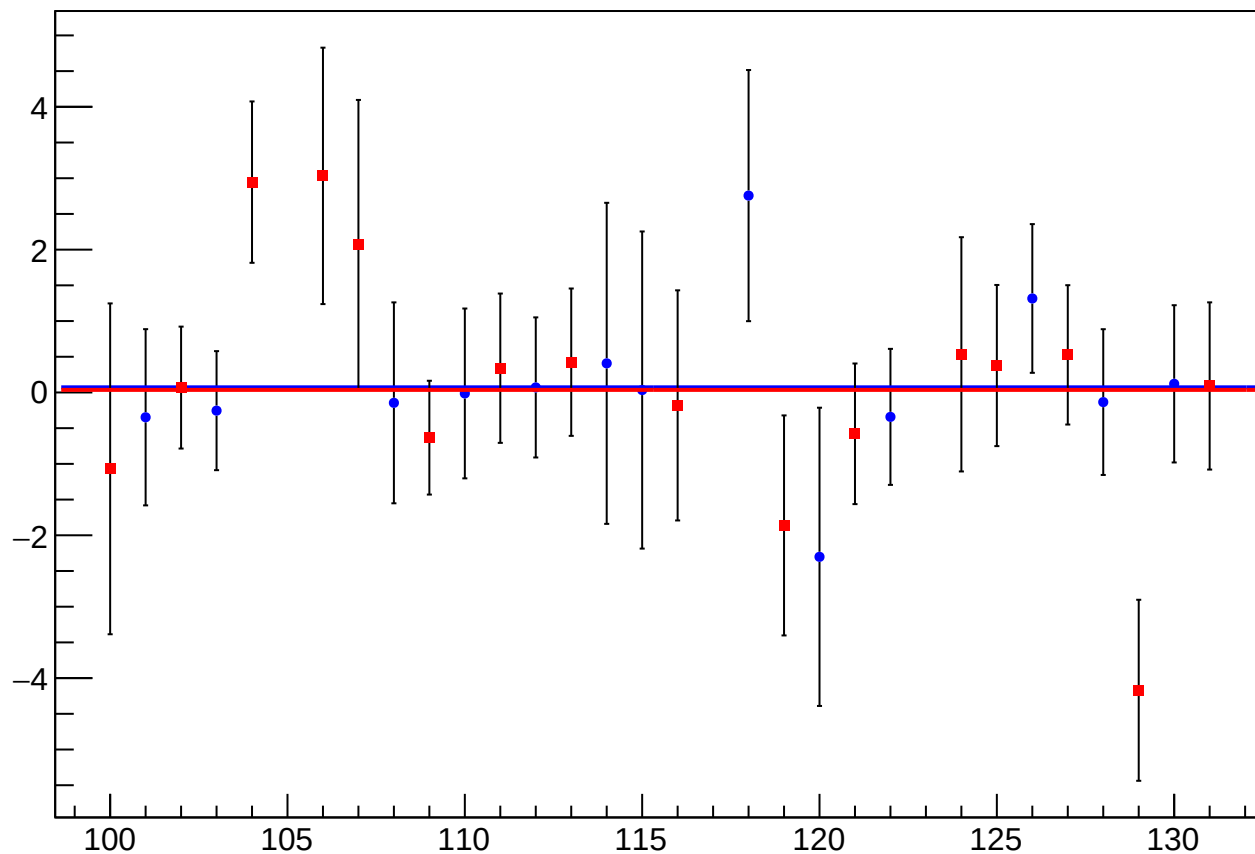
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8038.023+/-1.680 χ^2/NDF : 665070.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4eY_dd_mean vs Slug



Right In: 0.072 $\pm$ 0.331 χ^2 /NDF: 5.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.036 $\pm$ 0.292 χ^2 /NDF: 25.0/15

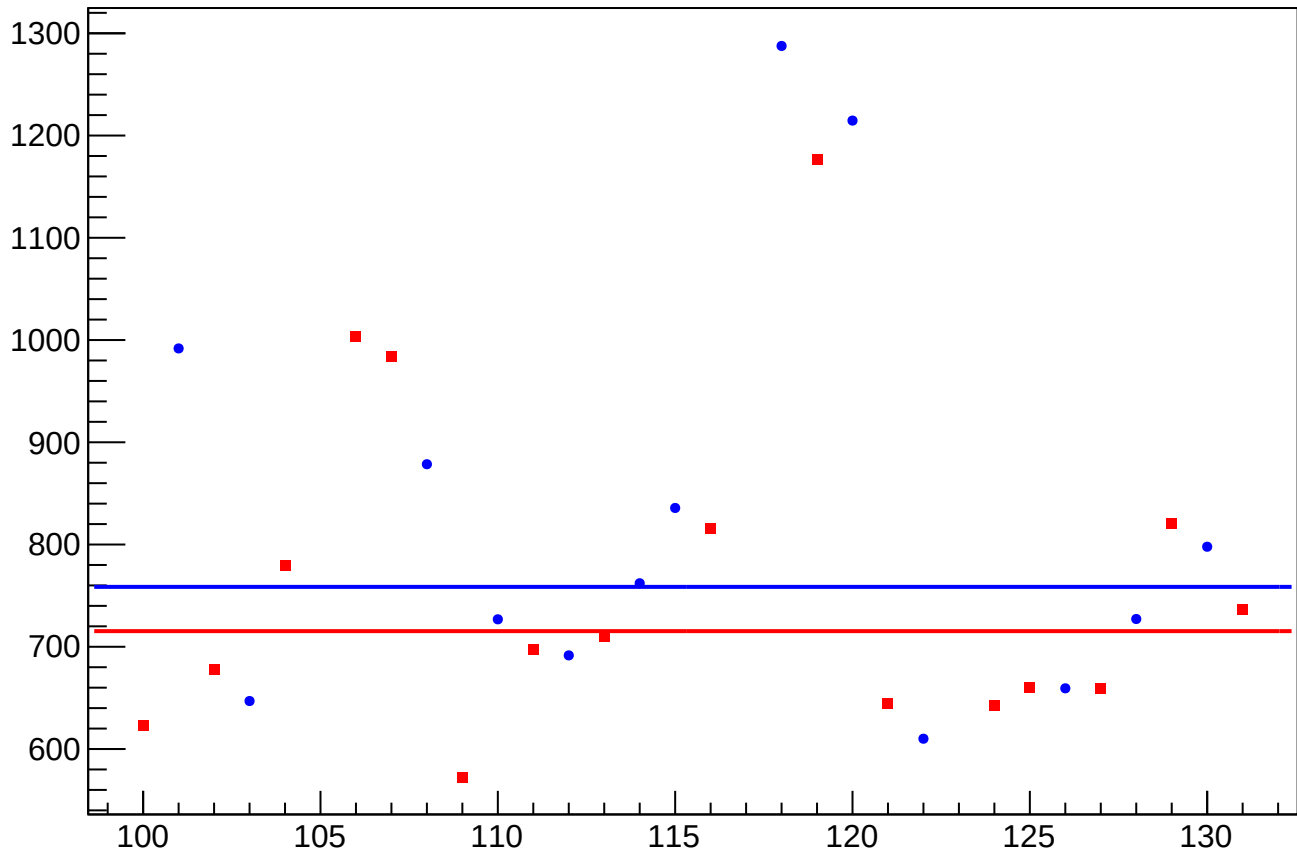
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.052 $\pm$ 0.219 χ^2 /NDF: 30.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4eY_dd_rms vs Slug



Right In: 758.588 $\pm$ 0.234 χ^2 /NDF: 482682.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 715.297 $\pm$ 0.207 χ^2 /NDF: 391652.3/15

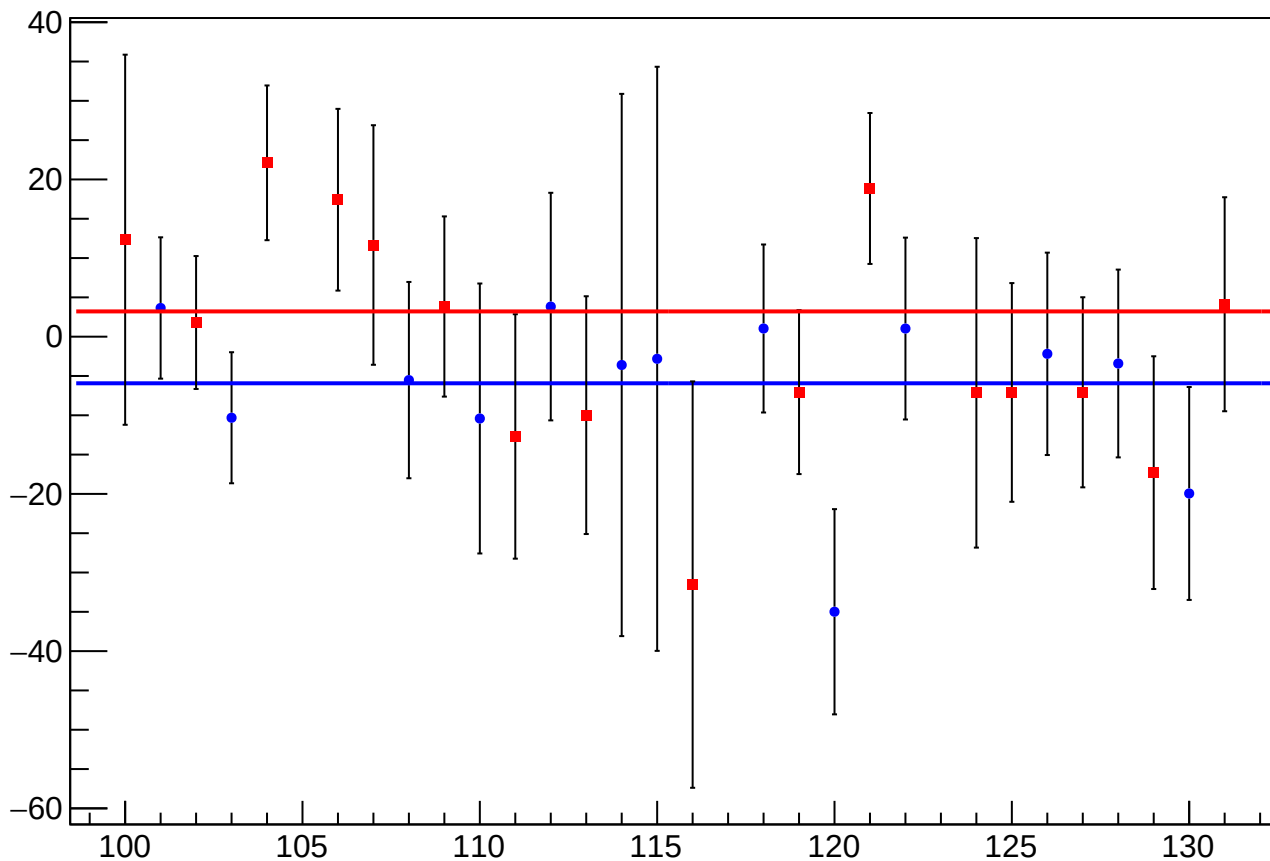
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 734.230 $\pm$ 0.155 χ^2 /NDF: 893550.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4ecY_avg_mean vs Slug



Right In: -5.929 $\pm$ 3.460 χ^2 /NDF: 8.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.213 $\pm$ 3.160 χ^2 /NDF: 16.4/15

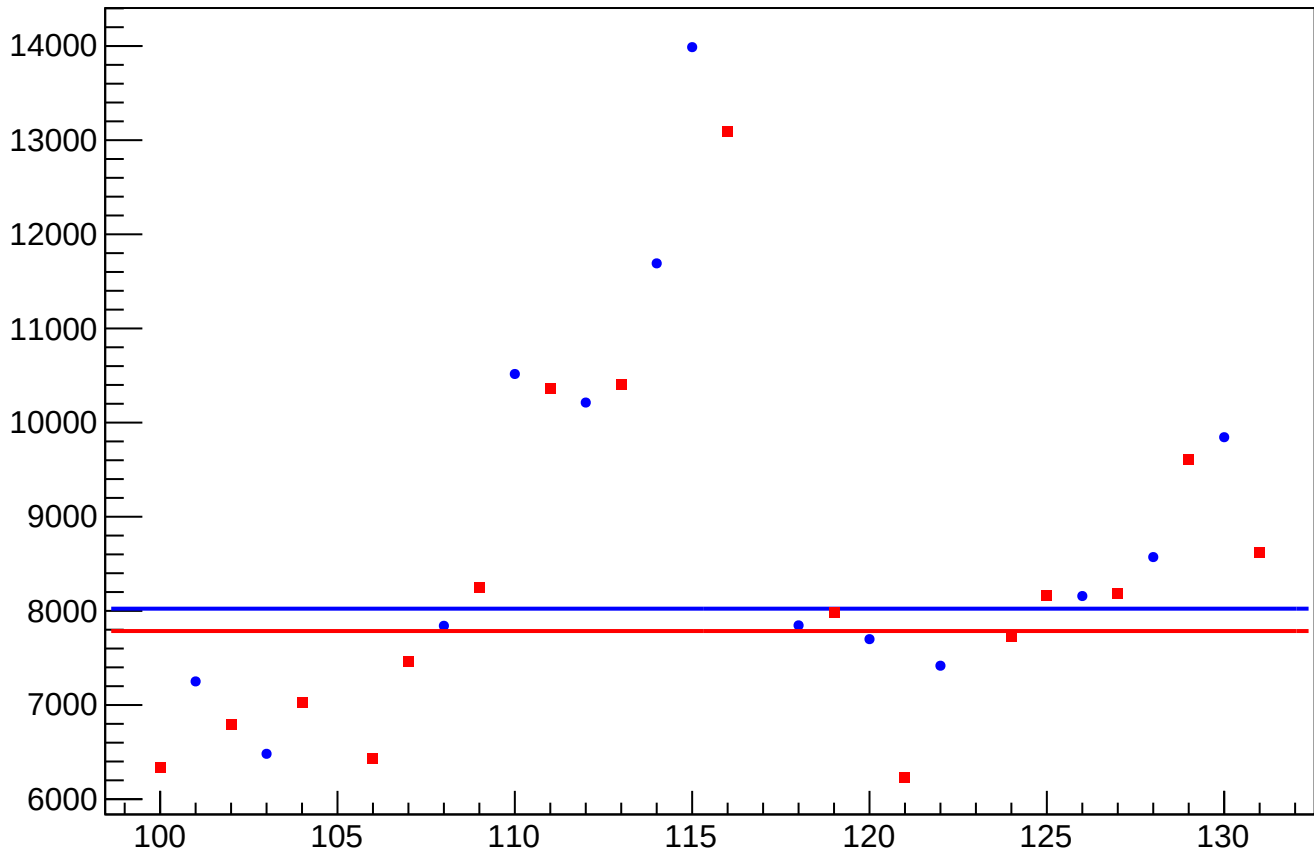
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.944 $\pm$ 2.334 χ^2 /NDF: 29.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4ecY_avg_rms vs Slug



Right In: 8023.411+/-2.447 χ^2/NDF : 293592.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

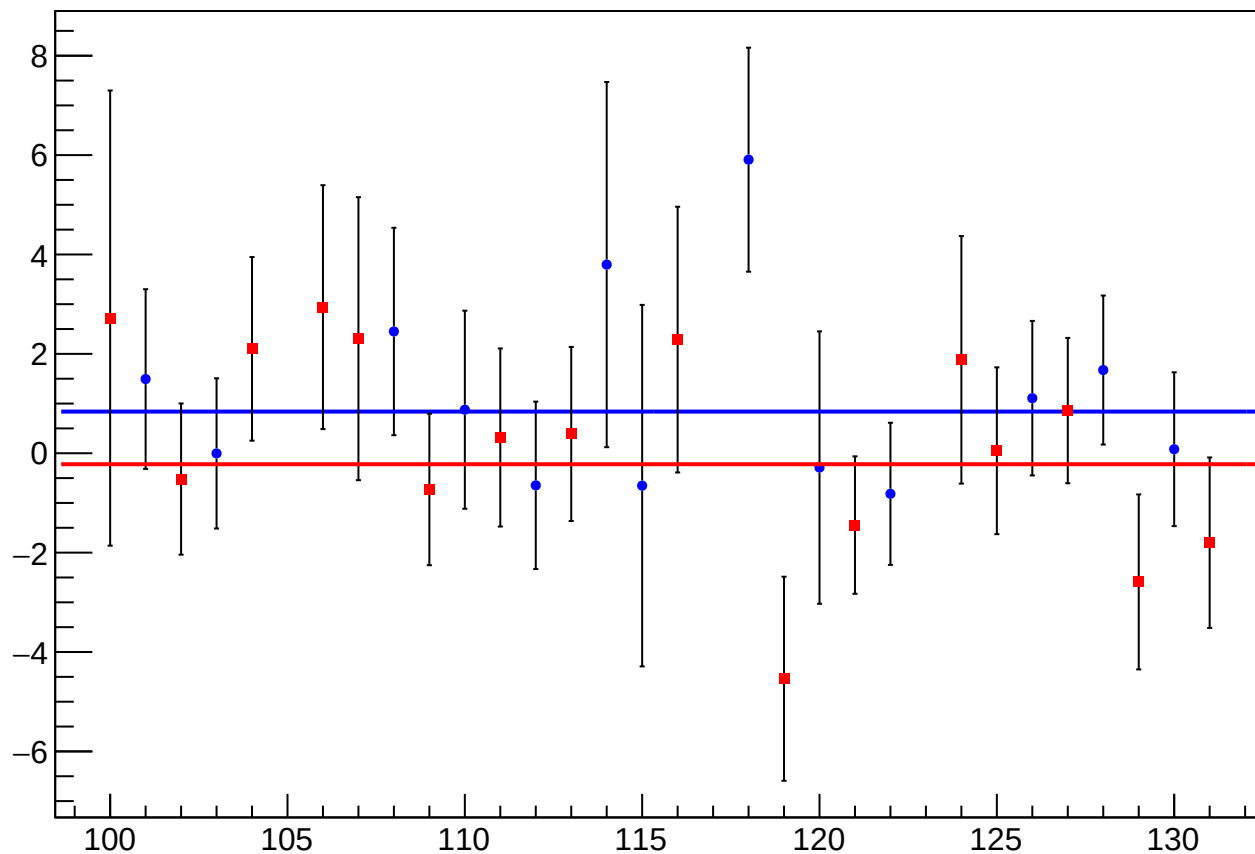
Right Out: 7785.870+/-2.235 χ^2/NDF : 372042.0/15

All: 7893.890+/-1.650 χ^2/NDF : 670773.4/28

- 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_4ecY_dd_mean vs Slug



Right In: 0.839 ± 0.512 χ^2/NDF : 9.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.221 ± 0.462 χ^2/NDF : 14.8/15

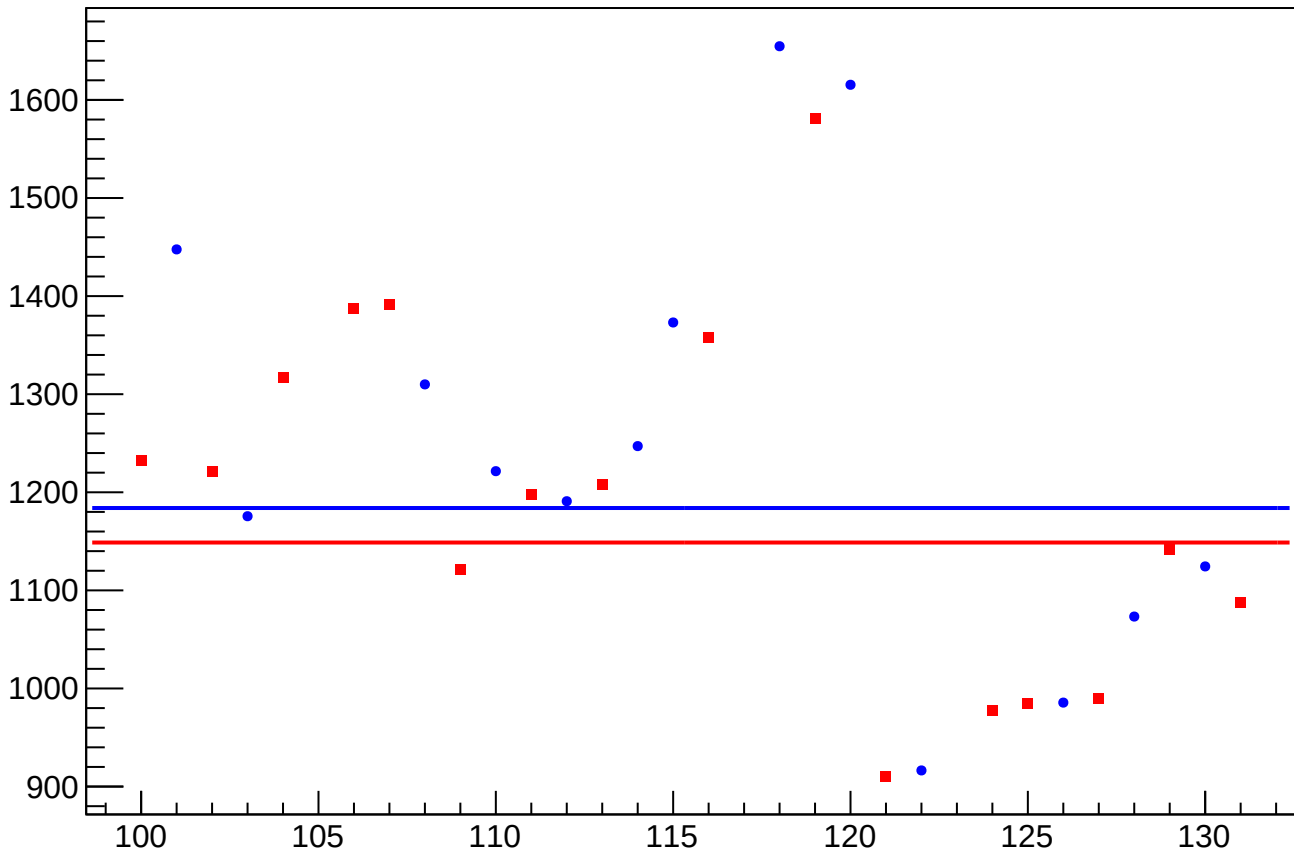
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.256 ± 0.343 χ^2/NDF : 27.0/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4ecY_dd_rms vs Slug



Right In: 1183.968+/-0.362 χ^2/NDF : 309812.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

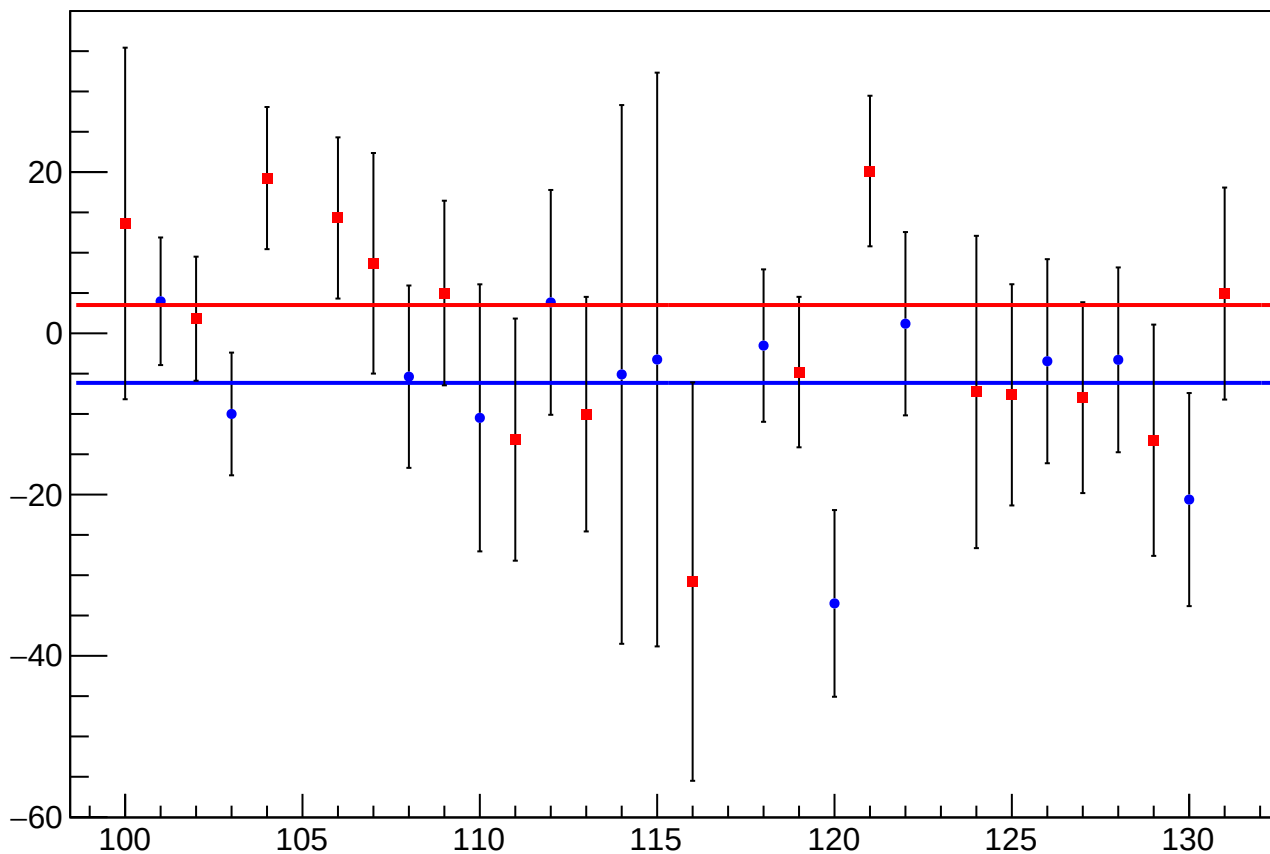
Right Out: 1148.780+/-0.327 χ^2/NDF : 275194.1/15

All: 1164.605+/-0.243 χ^2/NDF : 590213.9/28

- 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_4eY_4ecY_avg_mean vs Slug



Right In: -6.145+/-3.203 χ^2/NDF : 10.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.511+/-2.957 χ^2/NDF : 16.1/15

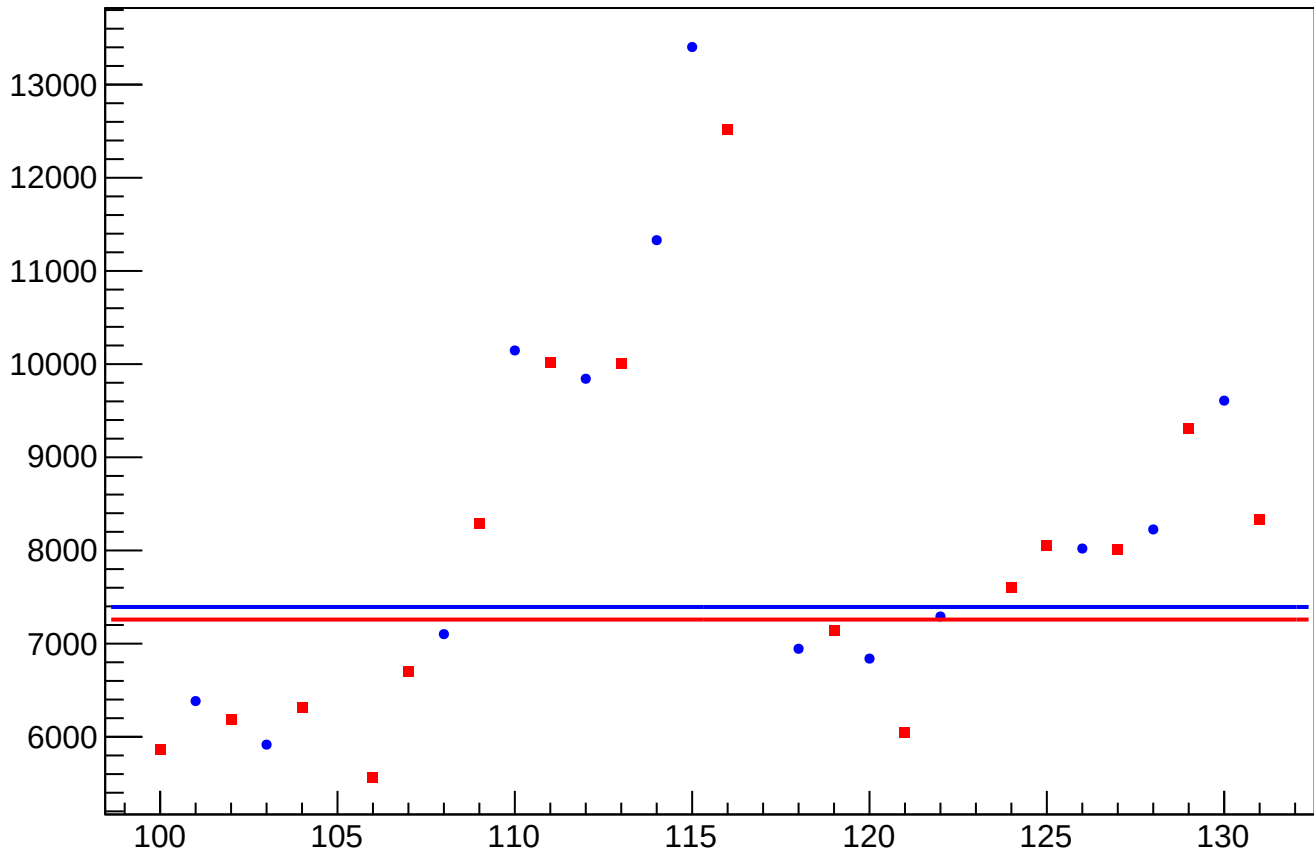
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.933+/-2.173 χ^2/NDF : 31.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4eY_4ecY_avg_rms vs Slug



Right In: 7393.432+/-2.265 χ^2/NDF : 391914.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7258.637+/-2.091 χ^2/NDF : 479905.3/15

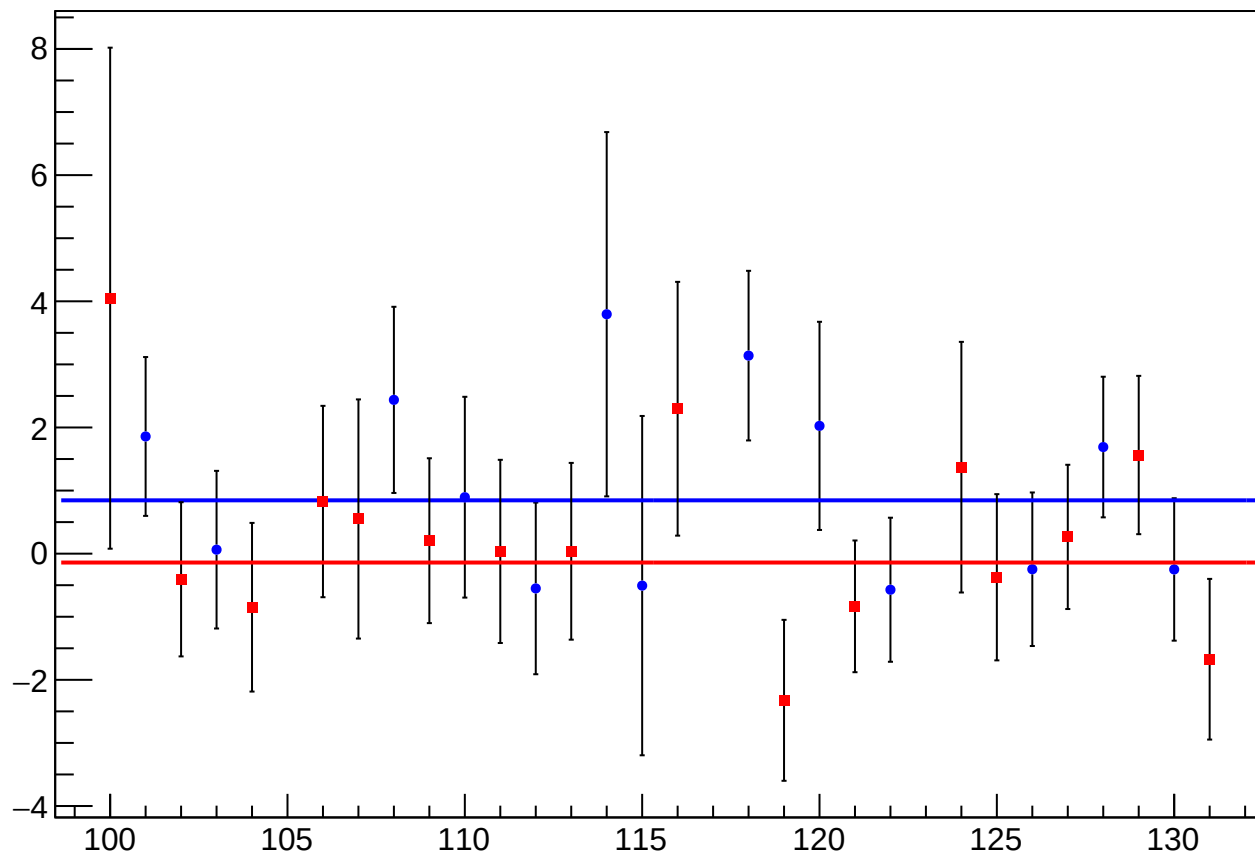
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7320.671+/-1.536 χ^2/NDF : 873732.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4eY_4ecY_dd_mean vs Slug



Right In: 0.845 ± 0.381 χ^2/NDF : 11.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.141 ± 0.349 χ^2/NDF : 11.0/15

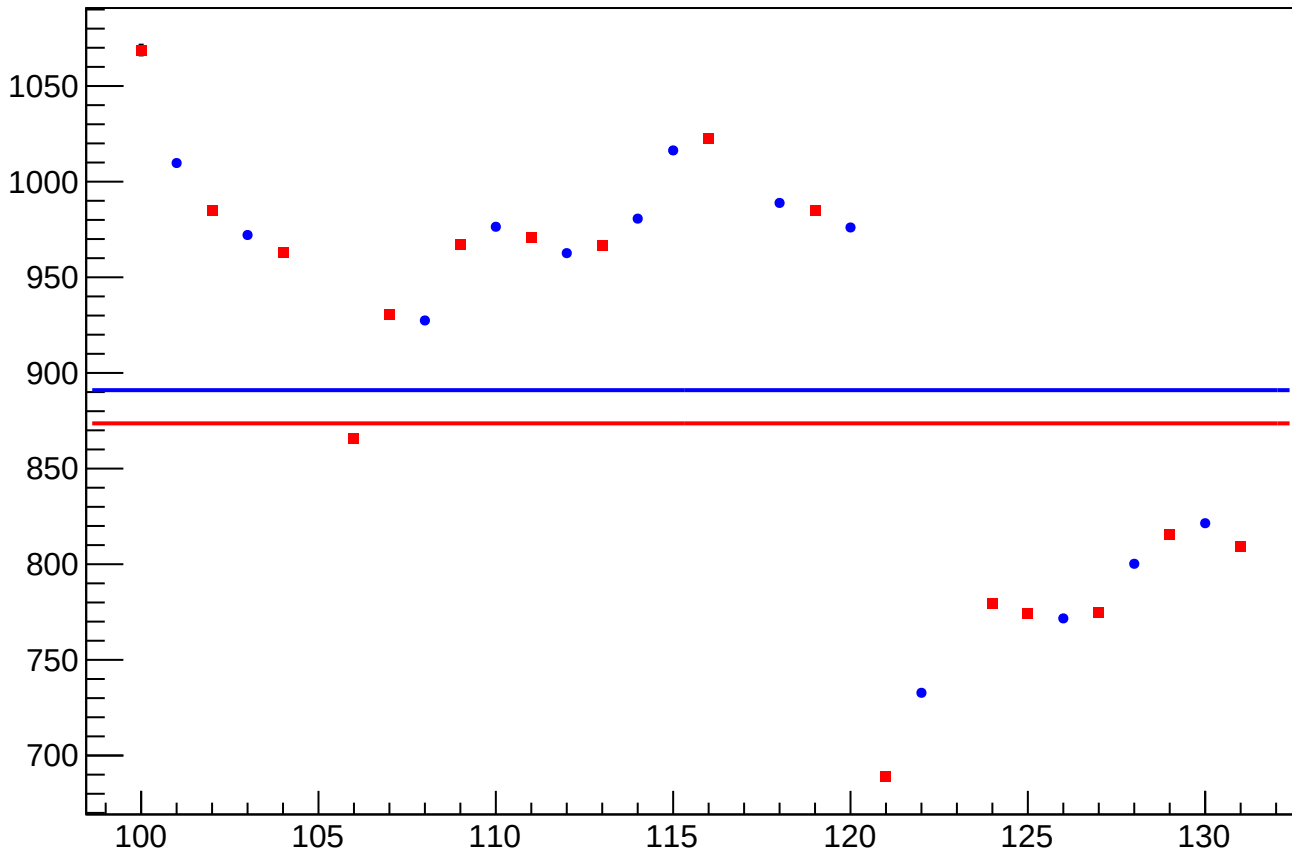
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.309 ± 0.258 χ^2/NDF : 26.4/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4eY_4ecY_dd_rms vs Slug



Right In: 890.994 $\pm$ 0.270 χ^2 /NDF: 139427.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 873.636 $\pm$ 0.247 χ^2 /NDF: 189232.5/15

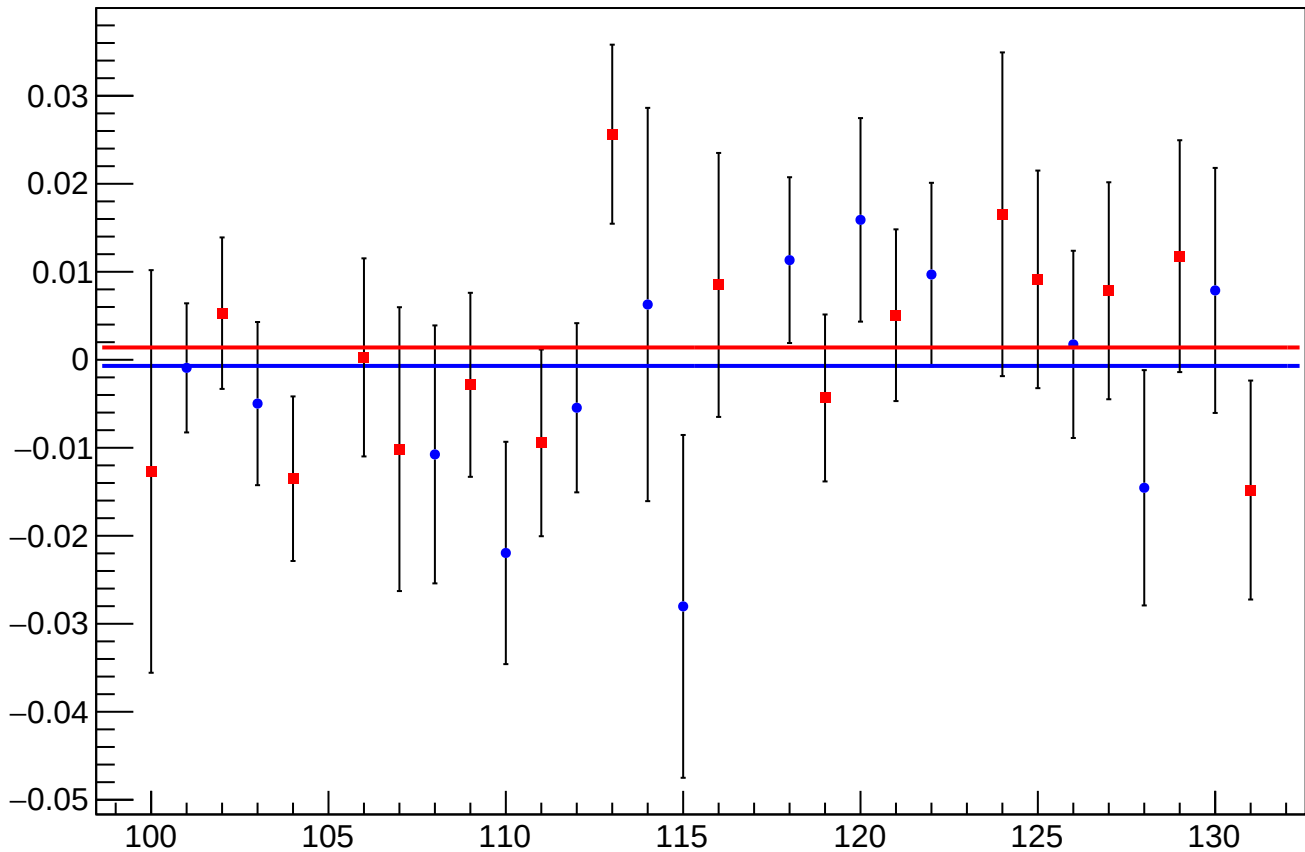
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 881.553 $\pm$ 0.182 χ^2 /NDF: 330913.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_dispE_bpm12X_mean vs Slug



Right In: -0.001 $\pm$ 0.003 χ^2 /NDF: 12.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.003 χ^2 /NDF: 14.9/15

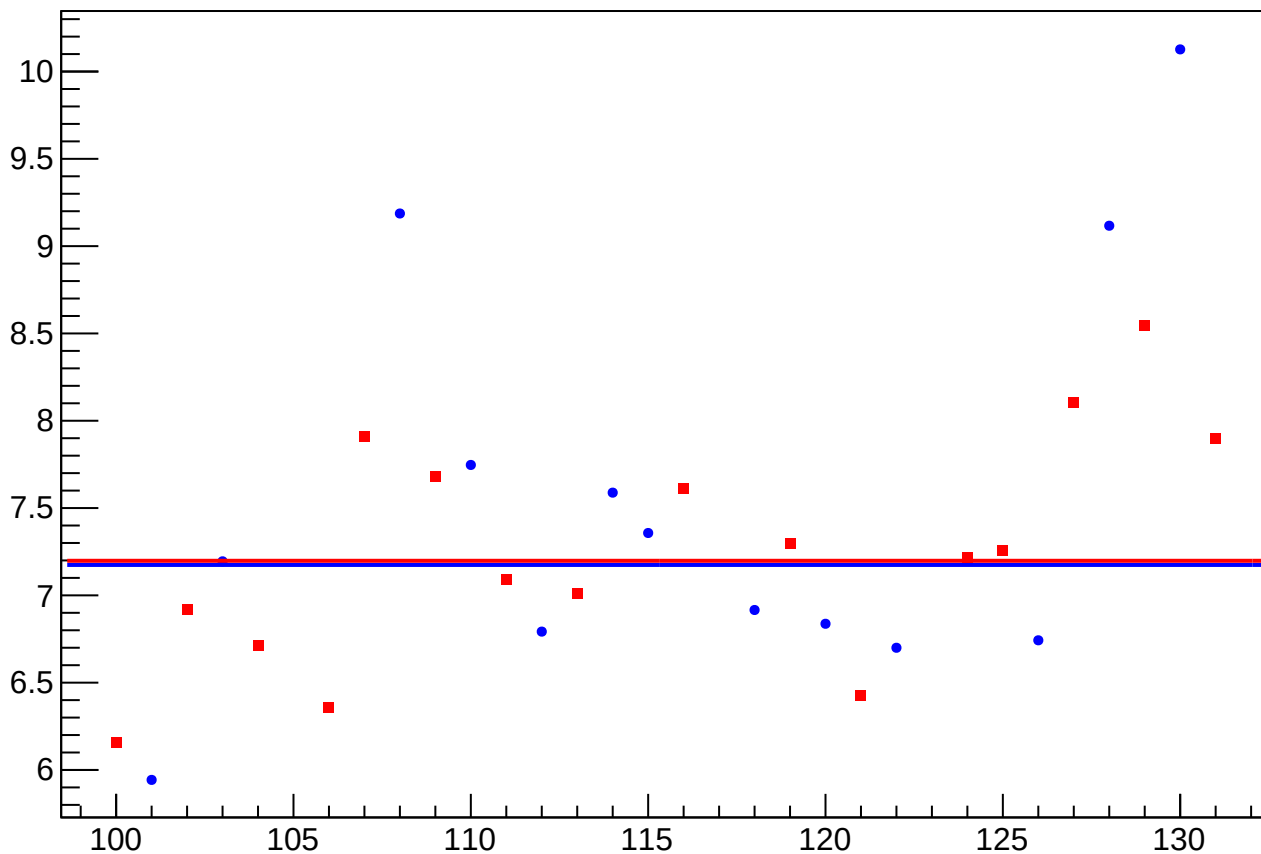
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.002 χ^2 /NDF: 27.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_dispE_bpm12X_rms vs Slug



Right In: 7.174 $\pm$ 0.002 χ^2 /NDF: 244970.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 7.198 $\pm$ 0.002 χ^2 /NDF: 84143.0/15

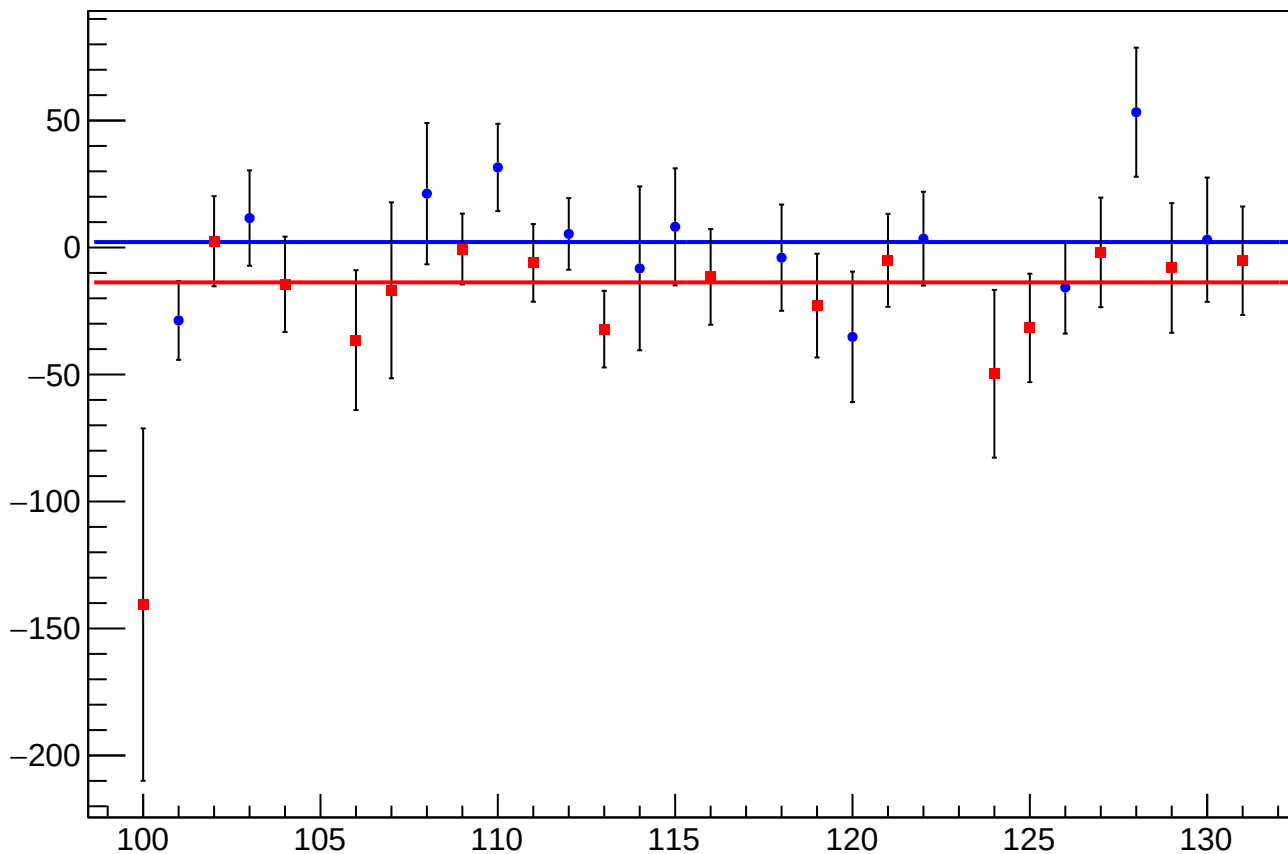
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.187 $\pm$ 0.001 χ^2 /NDF: 329176.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_targ_positionX_mean vs Slug



Right In: 2.157+/-5.545 χ^2/NDF : 15.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.710+/-5.040 χ^2/NDF : 10.3/15

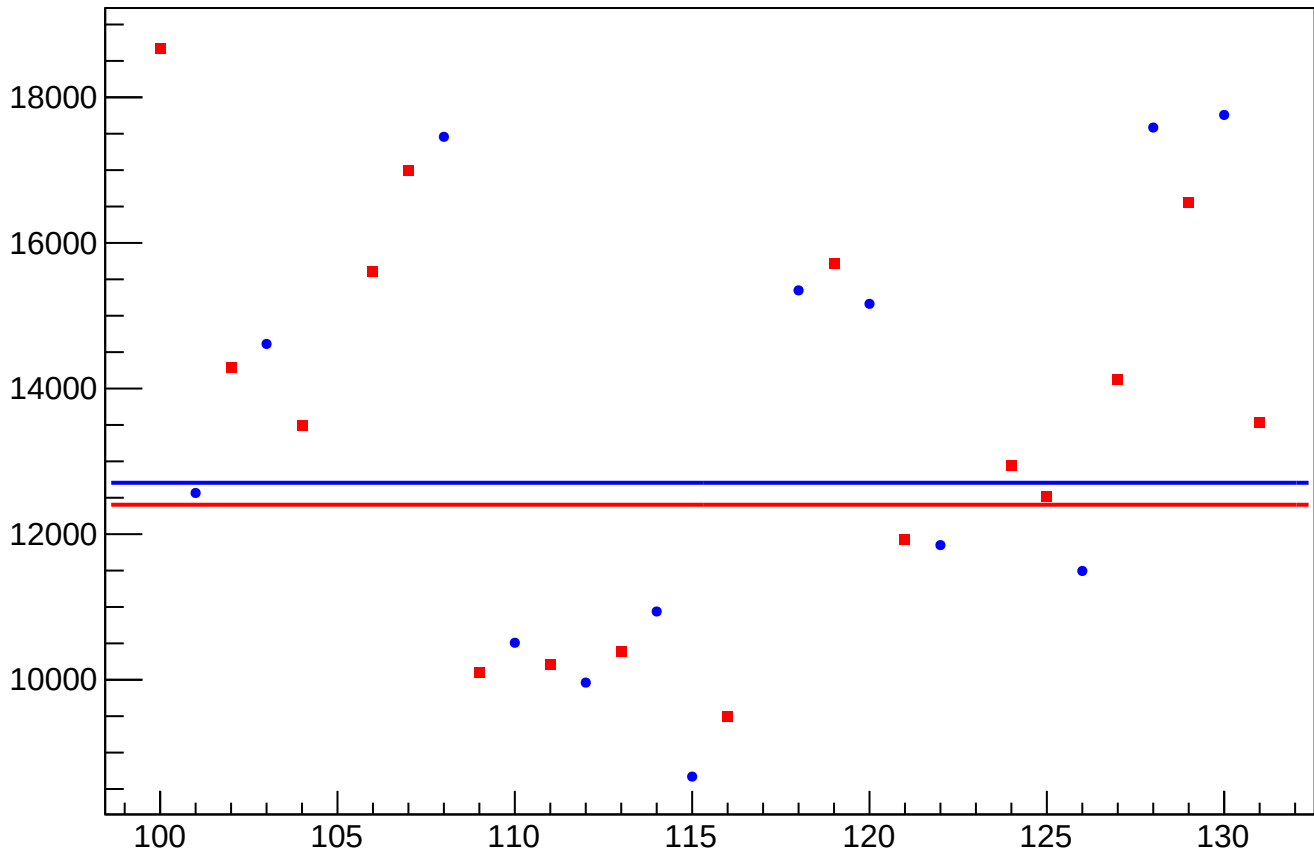
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.532+/-3.729 χ^2/NDF : 29.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_targ_positionX_rms vs Slug



Right In: 12705.827+/-3.921 χ^2/NDF : 477272.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

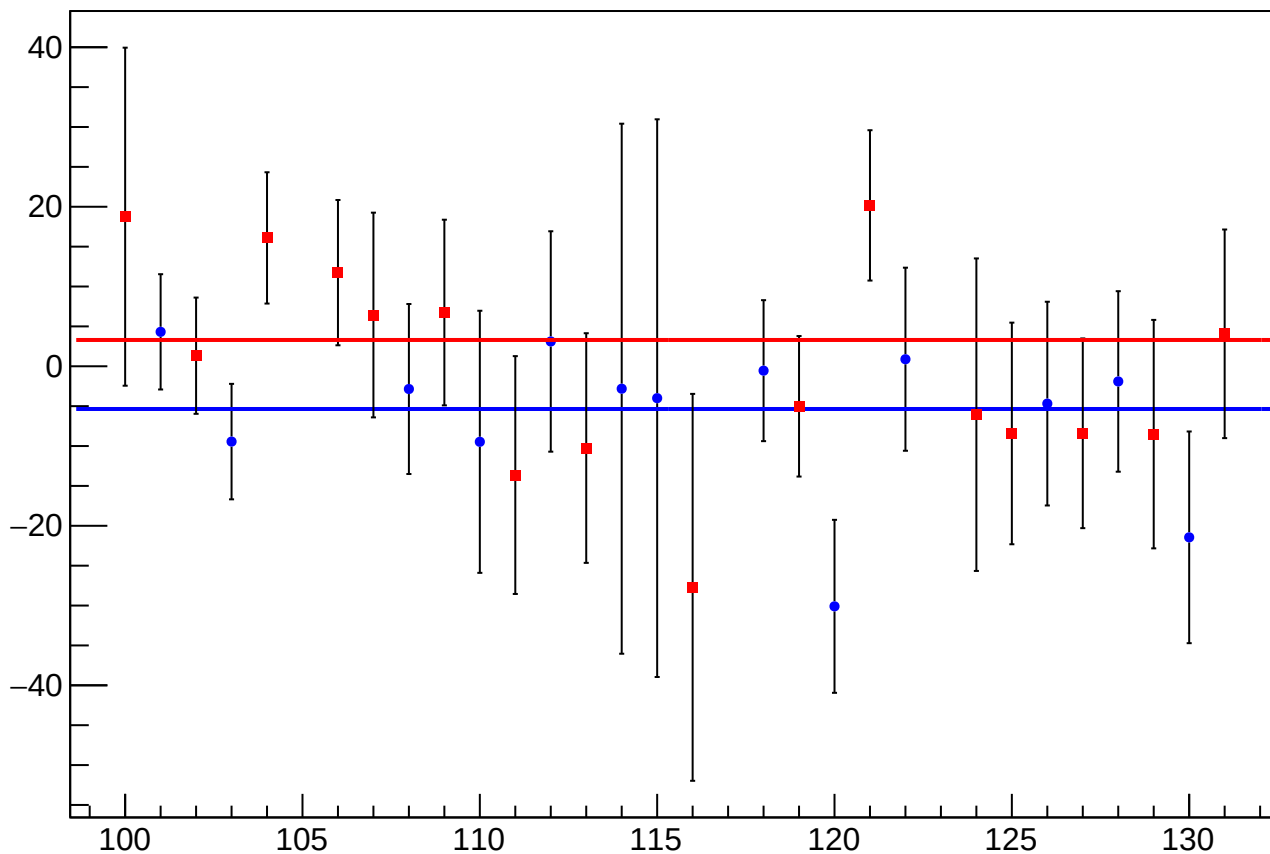
Right Out: 12404.079+/-3.564 χ^2/NDF : 412137.5/15

All: 12540.581+/-2.637 χ^2/NDF : 892653.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_targ_positionY_mean vs Slug



Right In: -5.356+/-3.068 χ^2/NDF : 10.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.297+/-2.862 χ^2/NDF : 14.5/15

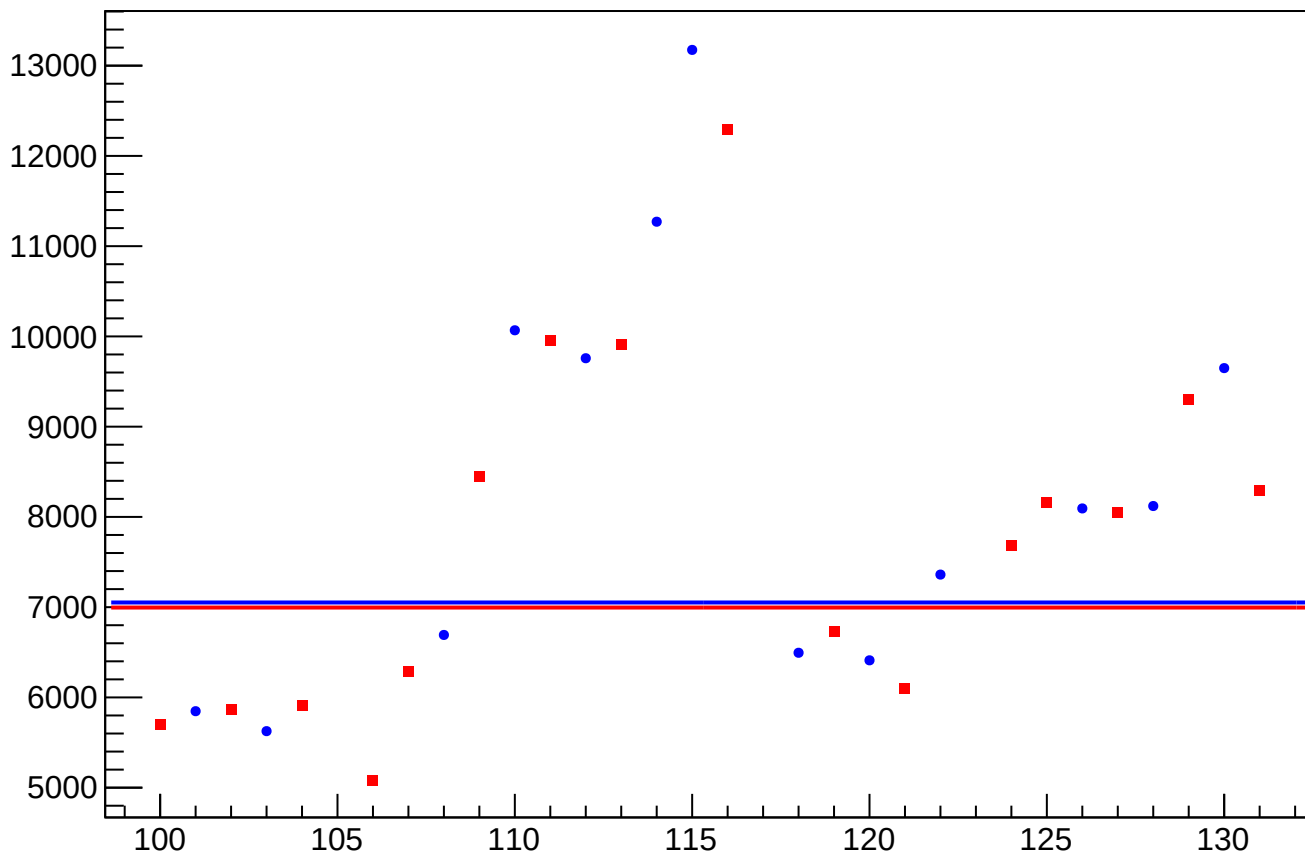
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.729+/-2.093 χ^2/NDF : 28.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_targ_positionY_rms vs Slug



Right In: 7051.884+/-2.170 χ^2/NDF : 497227.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6995.872+/-2.024 χ^2/NDF : 595304.8/15

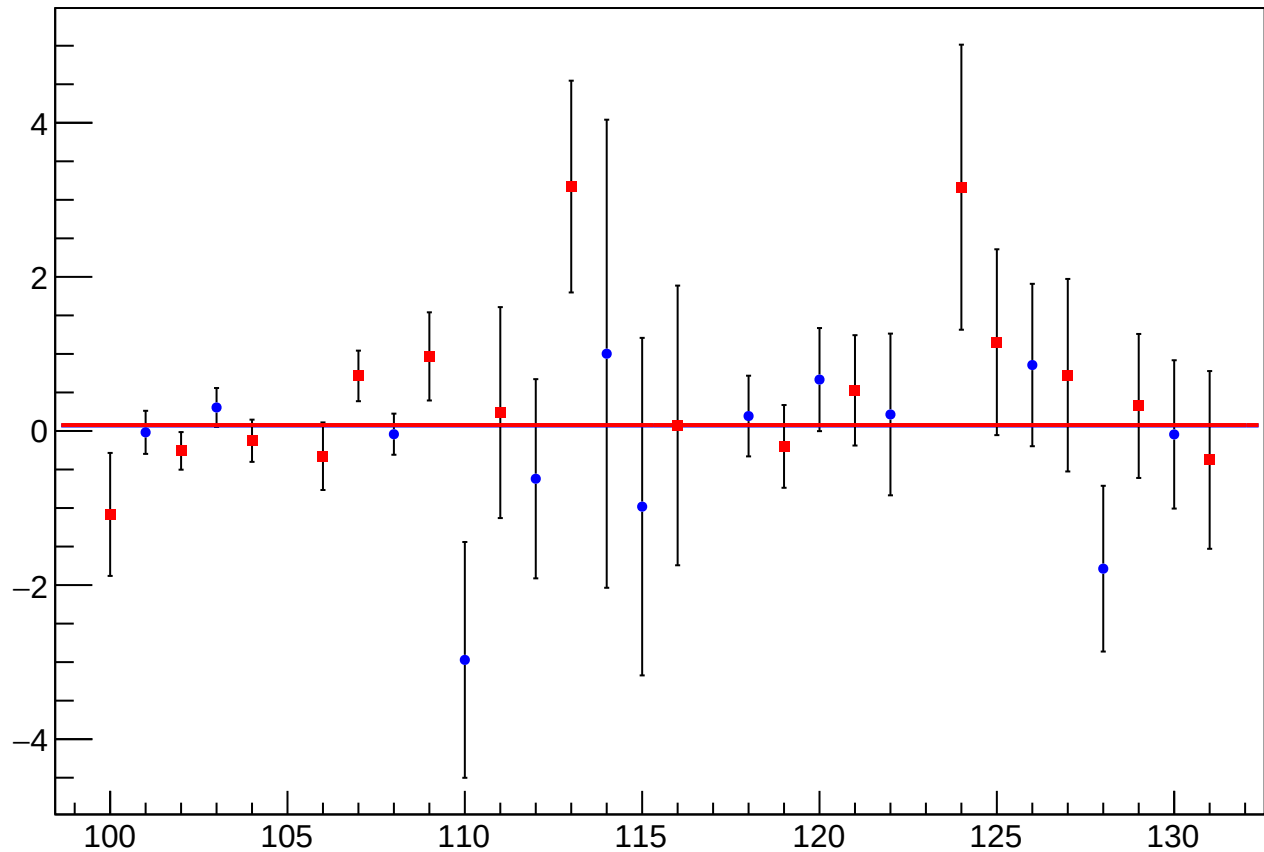
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7021.933+/-1.480 χ^2/NDF : 1092888.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_targ_thetaX_mean vs Slug



Right In: 0.071 $\pm$ 0.137 χ^2 /NDF: 10.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.077 $\pm$ 0.130 χ^2 /NDF: 21.4/15

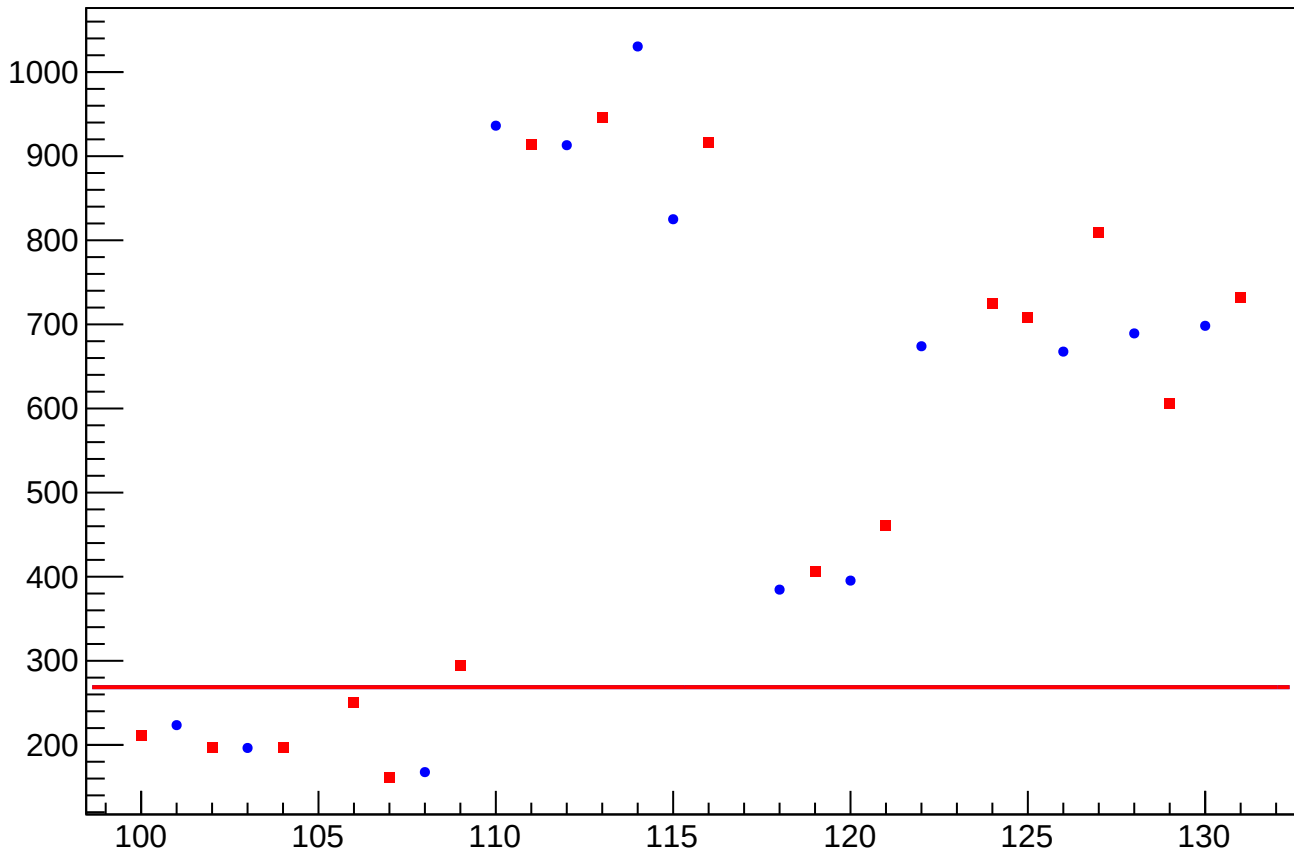
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.074 $\pm$ 0.094 χ^2 /NDF: 31.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_targ_thetaX_rms vs Slug



Right In: 268.654+/-0.097 χ^2/NDF : 3094232.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 268.660+/-0.092 χ^2/NDF : 3351481.7/15

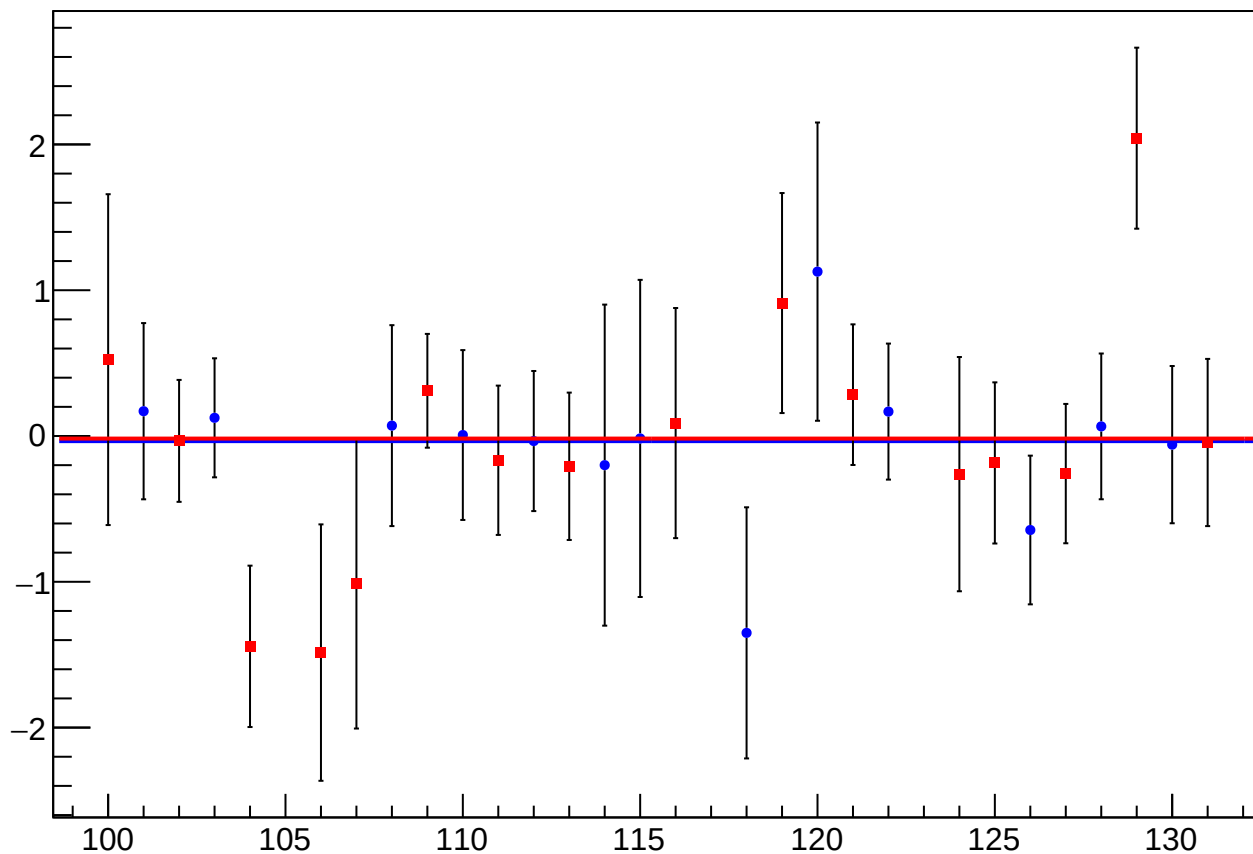
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 268.657+/-0.067 χ^2/NDF : 6445714.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_targ_thetaY_mean vs Slug



Right In: -0.035 ± 0.162 $\chi^2/\text{NDF}: 5.6/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.018 ± 0.143 $\chi^2/\text{NDF}: 25.0/15$

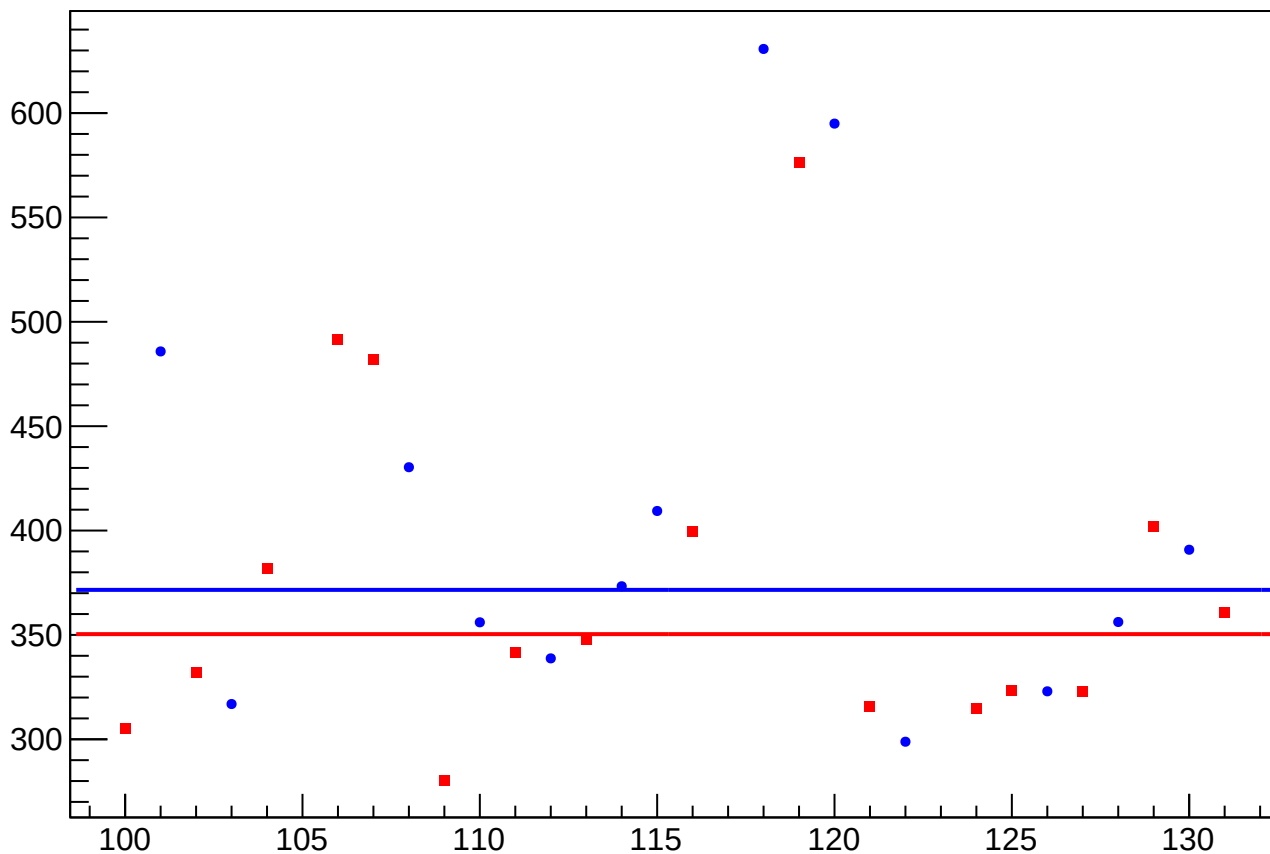
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.025 ± 0.107 $\chi^2/\text{NDF}: 30.6/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_targ_thetaY_rms vs Slug



Right In: 371.584+/-0.115 χ^2/NDF : 482682.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 350.378+/-0.101 χ^2/NDF : 391652.3/15

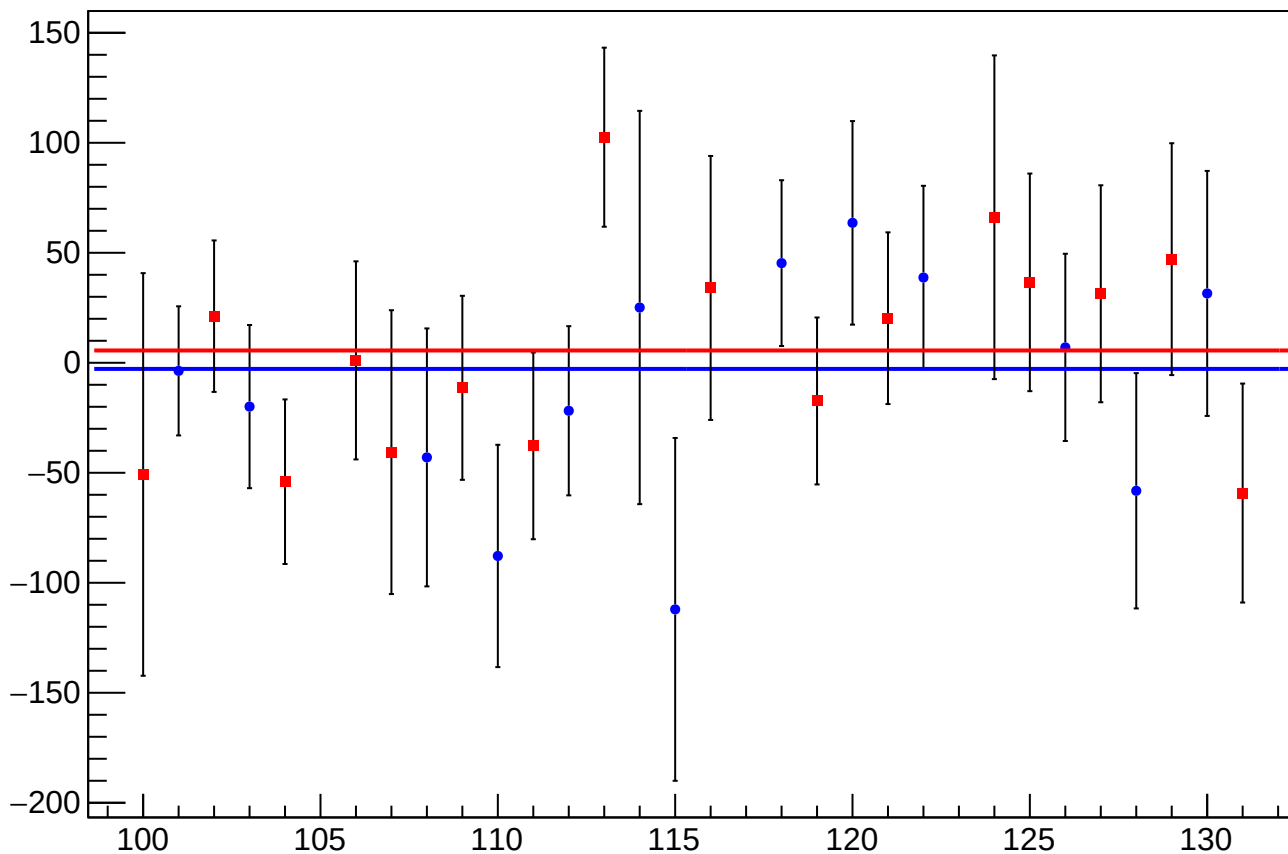
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 359.652+/-0.076 χ^2/NDF : 893550.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmE_mean vs Slug



Right In: -2.785+/-12.396 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.600+/-11.517 χ^2/NDF : 14.9/15

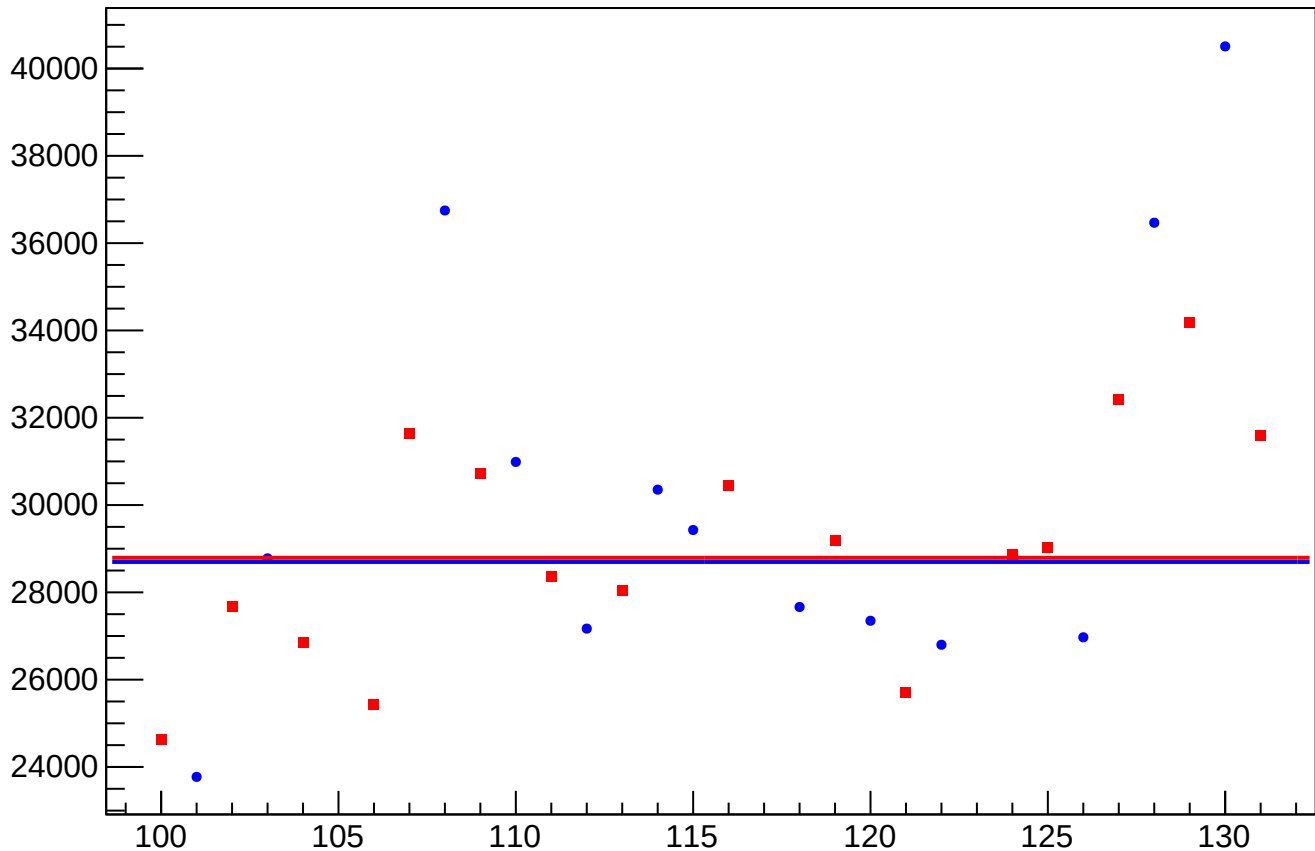
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.715+/-8.437 χ^2/NDF : 27.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmE_rms vs Slug



Right In: 28696.795 $\pm$ 8.765 χ^2 /NDF: 244970.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28791.963 $\pm$ 8.143 χ^2 /NDF: 84143.0/15

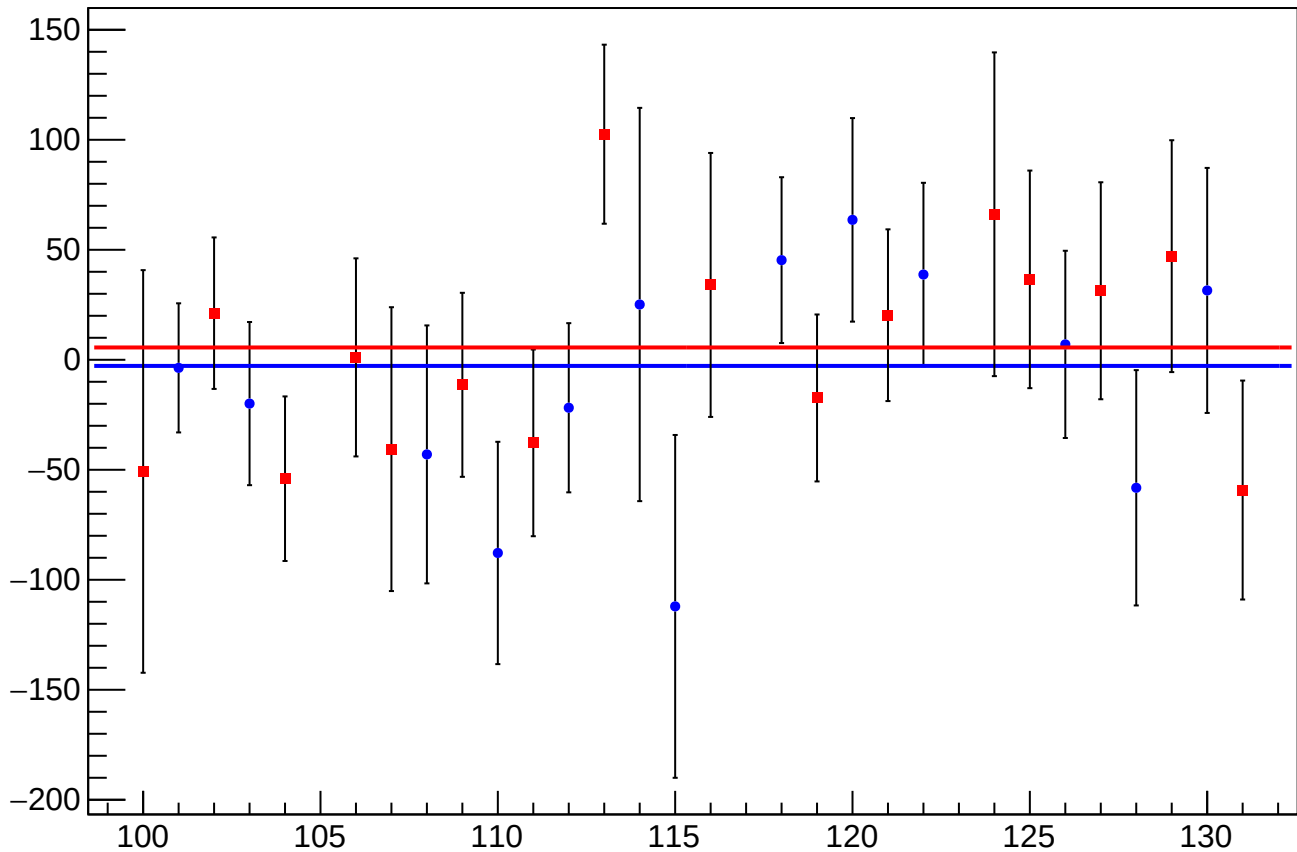
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28747.873 $\pm$ 5.966 χ^2 /NDF: 329176.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpmEX_mean vs Slug



Right In: -2.785+/-12.396 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.600+/-11.517 χ^2/NDF : 14.9/15

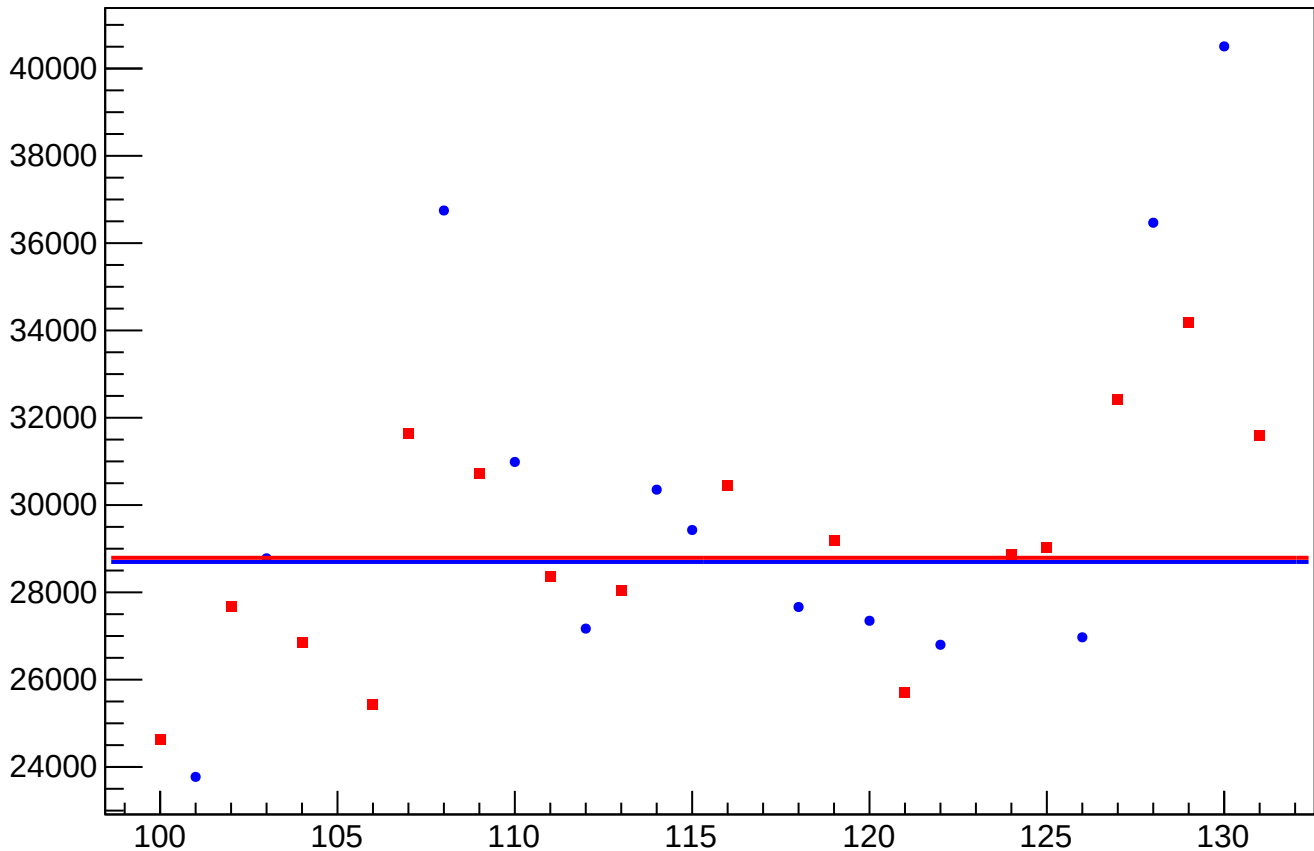
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.715+/-8.437 χ^2/NDF : 27.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmEX_rms vs Slug



Right In: 28696.795 $\pm$ 8.765 χ^2 /NDF: 244970.3/12

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

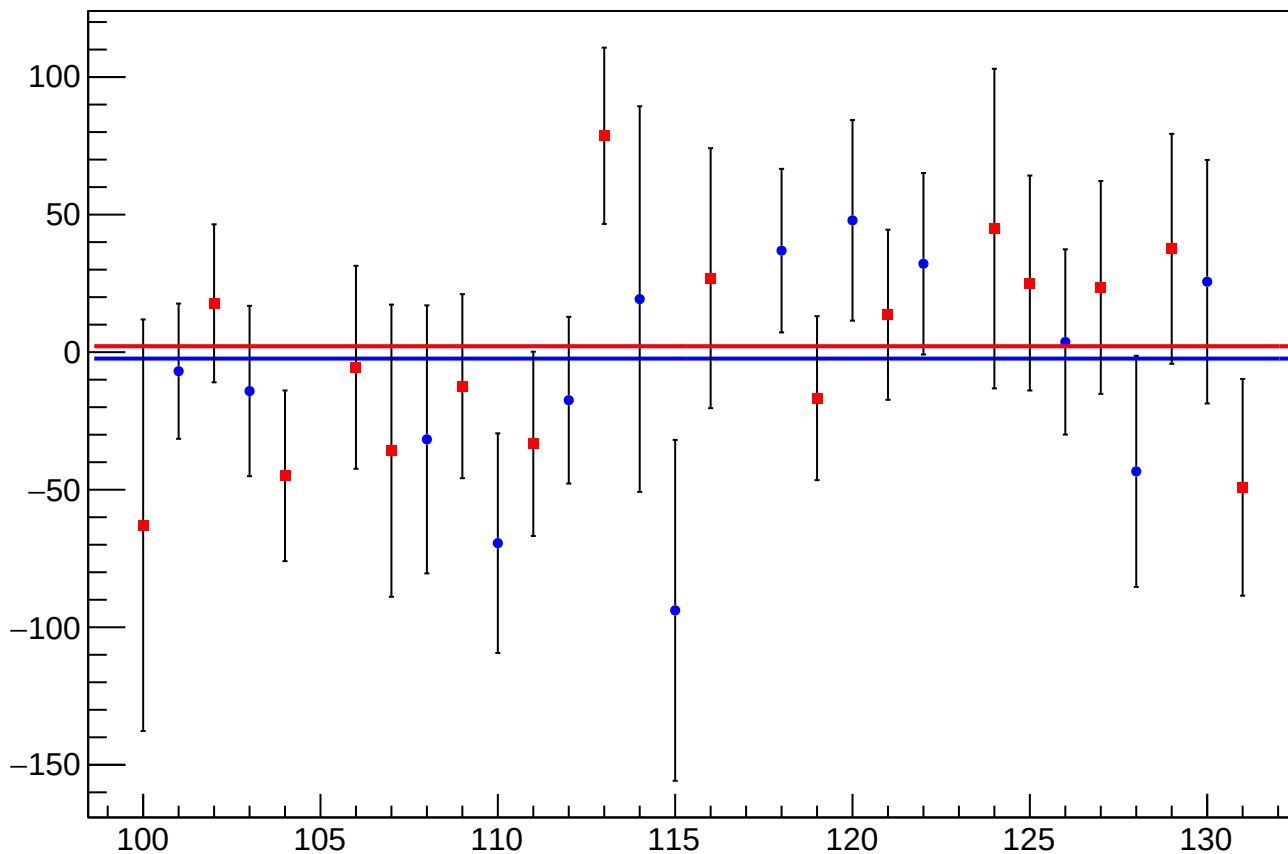
Right Out: 28791.963 $\pm$ 8.143 χ^2 /NDF: 84143.0/15

All: 28747.873 $\pm$ 5.966 χ^2 /NDF: 329176.6/28

- 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_bpmE_11X12X_mean vs Slug



Right In: -2.335+/-9.970 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.180+/-9.231 χ^2/NDF : 15.3/15

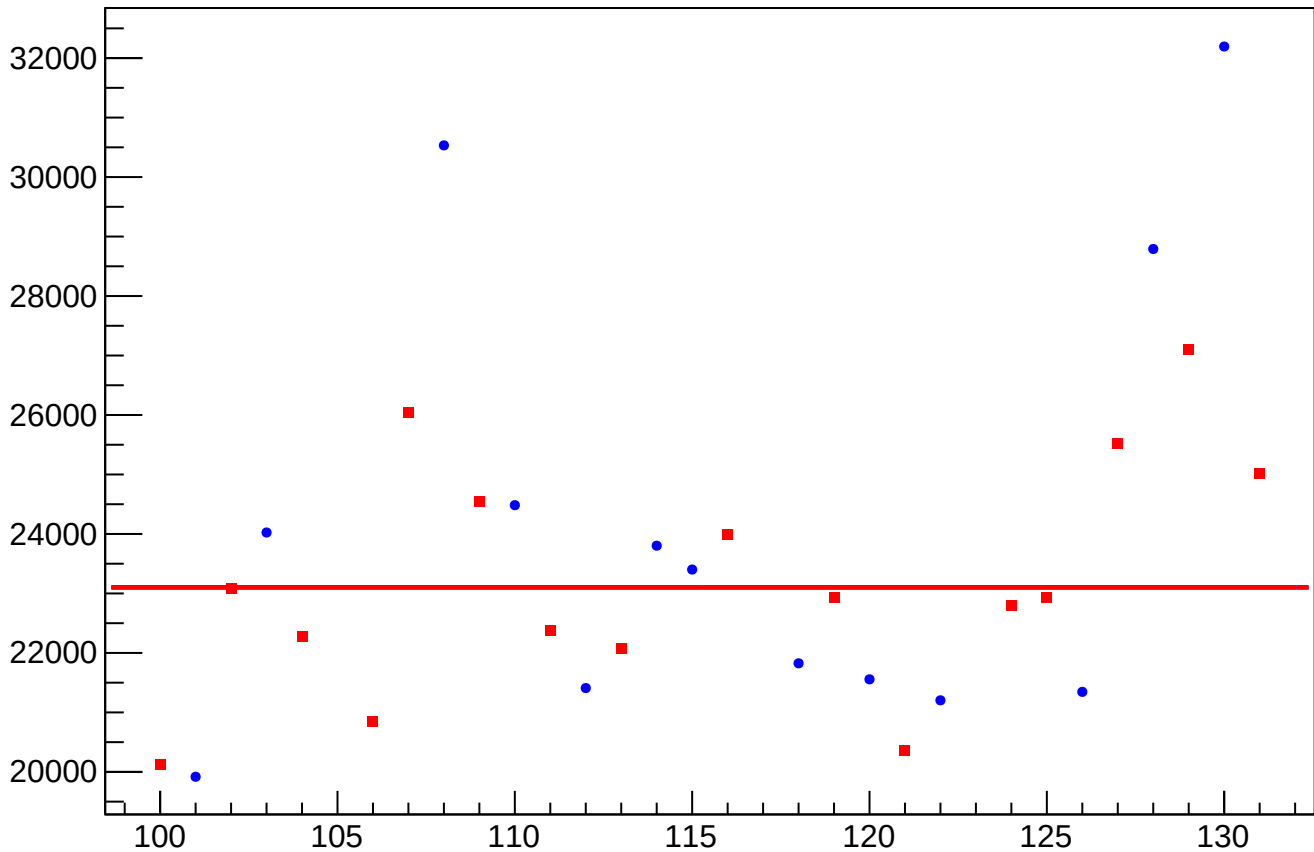
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.096+/-6.774 χ^2/NDF : 27.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmE_11X12X_rms vs Slug



Right In: 23105.184+/-7.050 χ^2/NDF : 231139.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23094.608+/-6.528 χ^2/NDF : 72235.0/15

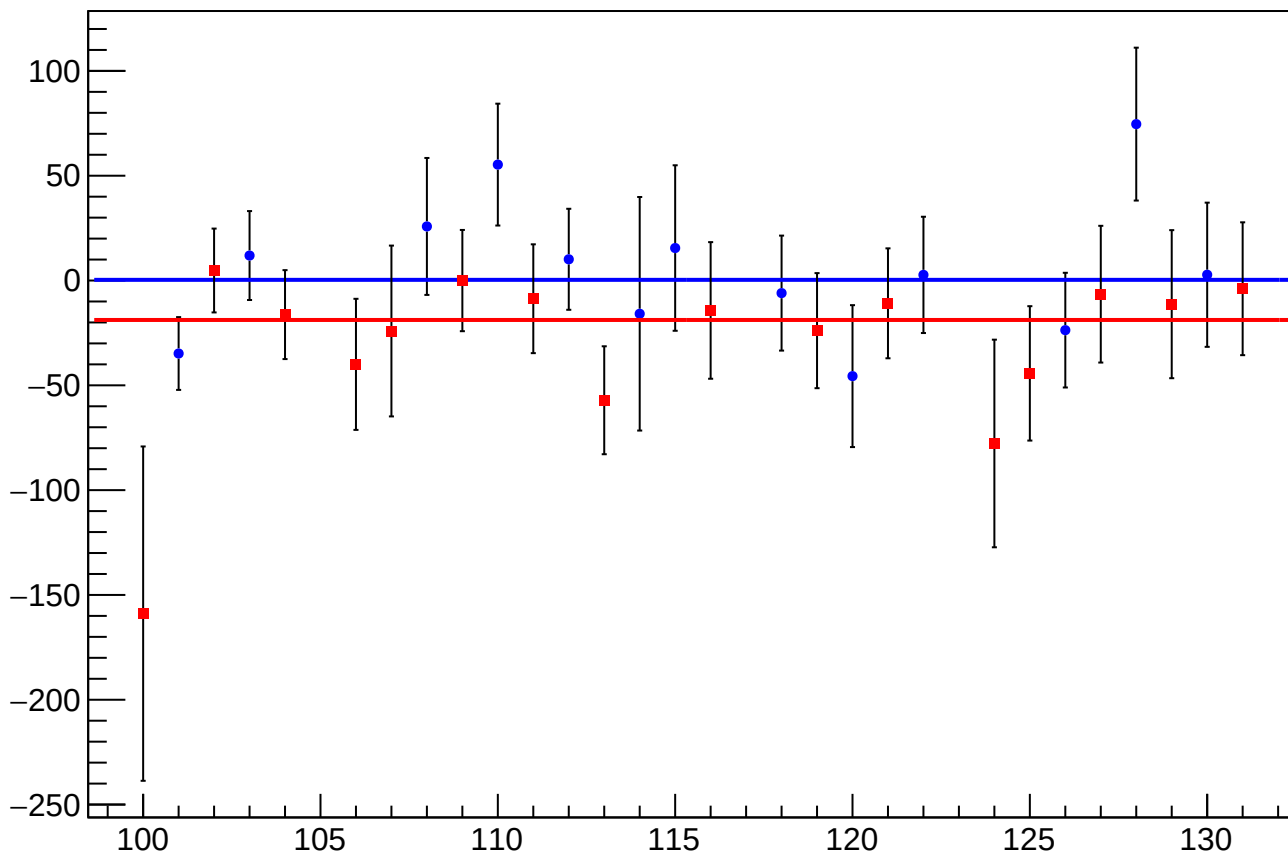
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23099.490+/-4.790 χ^2/NDF : 303375.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aesumX_mean vs Slug



Right In: 0.323+/-7.719 χ^2/NDF : 15.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.819+/-7.245 χ^2/NDF : 10.5/15

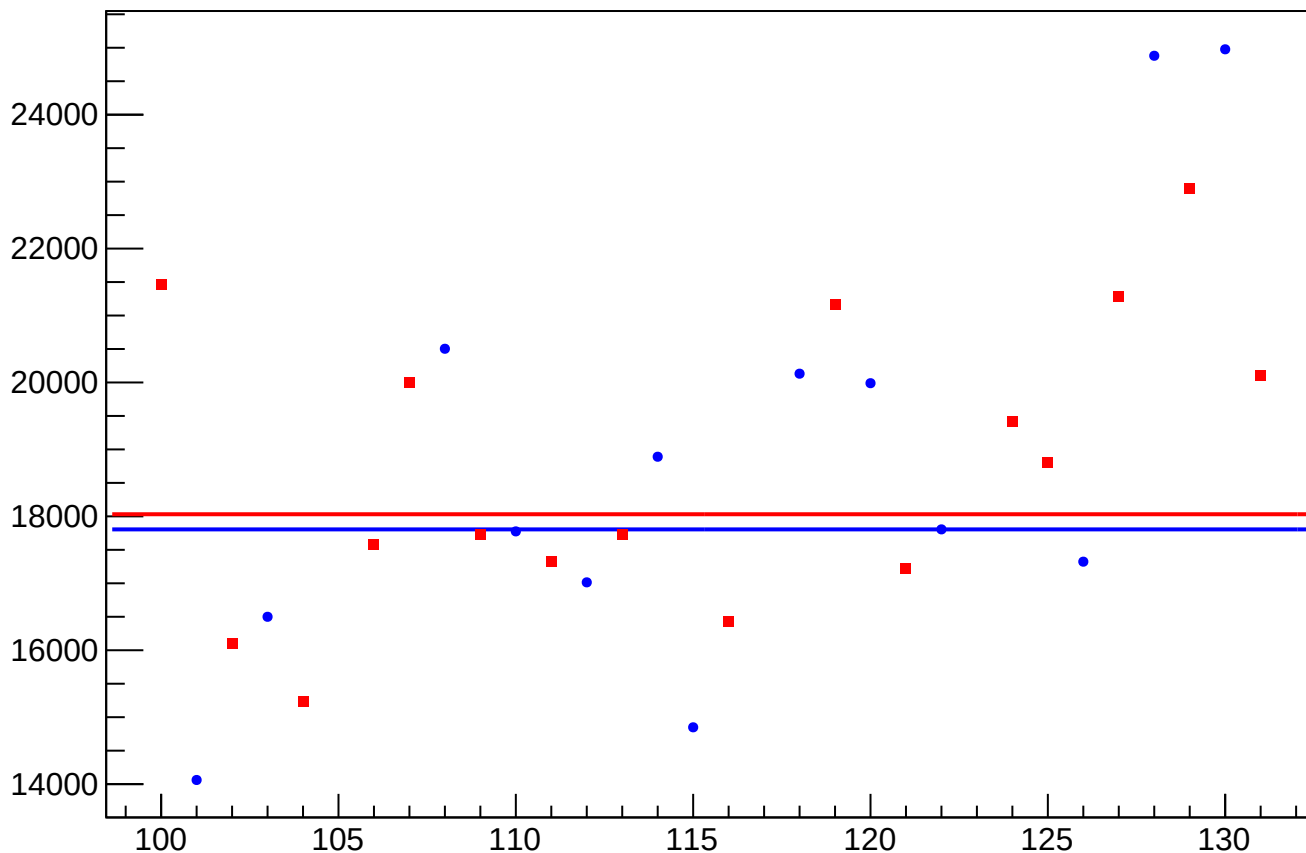
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.854+/-5.283 χ^2/NDF : 29.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aesumX_rms vs Slug



Right In: 17805.281+/-5.458 χ^2/NDF : 313868.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18031.593+/-5.123 χ^2/NDF : 165950.2/15

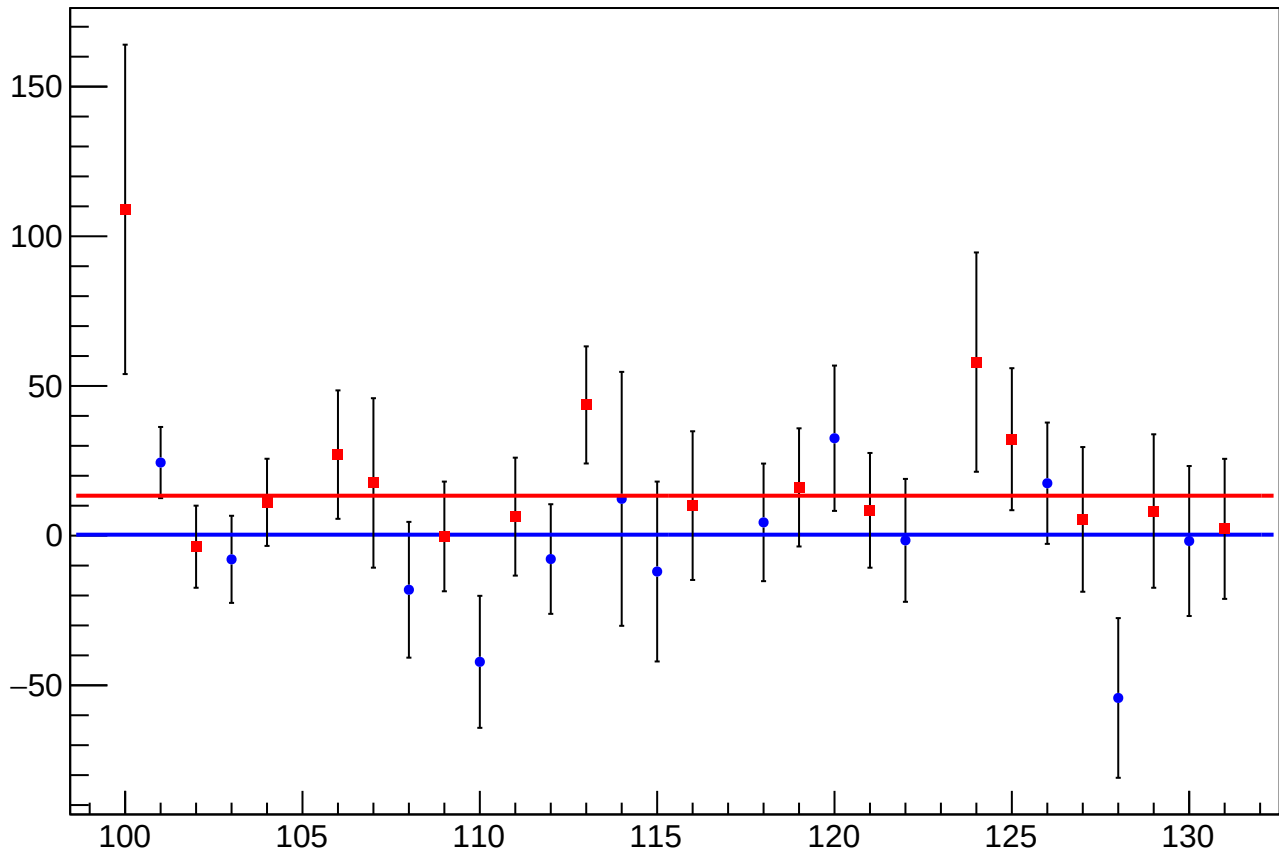
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17925.608+/-3.735 χ^2/NDF : 480732.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aediffX_mean vs Slug



Right In: 0.318 ± 5.543 $\chi^2/\text{NDF}: 16.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 13.342 ± 5.238 $\chi^2/\text{NDF}: 10.7/15$

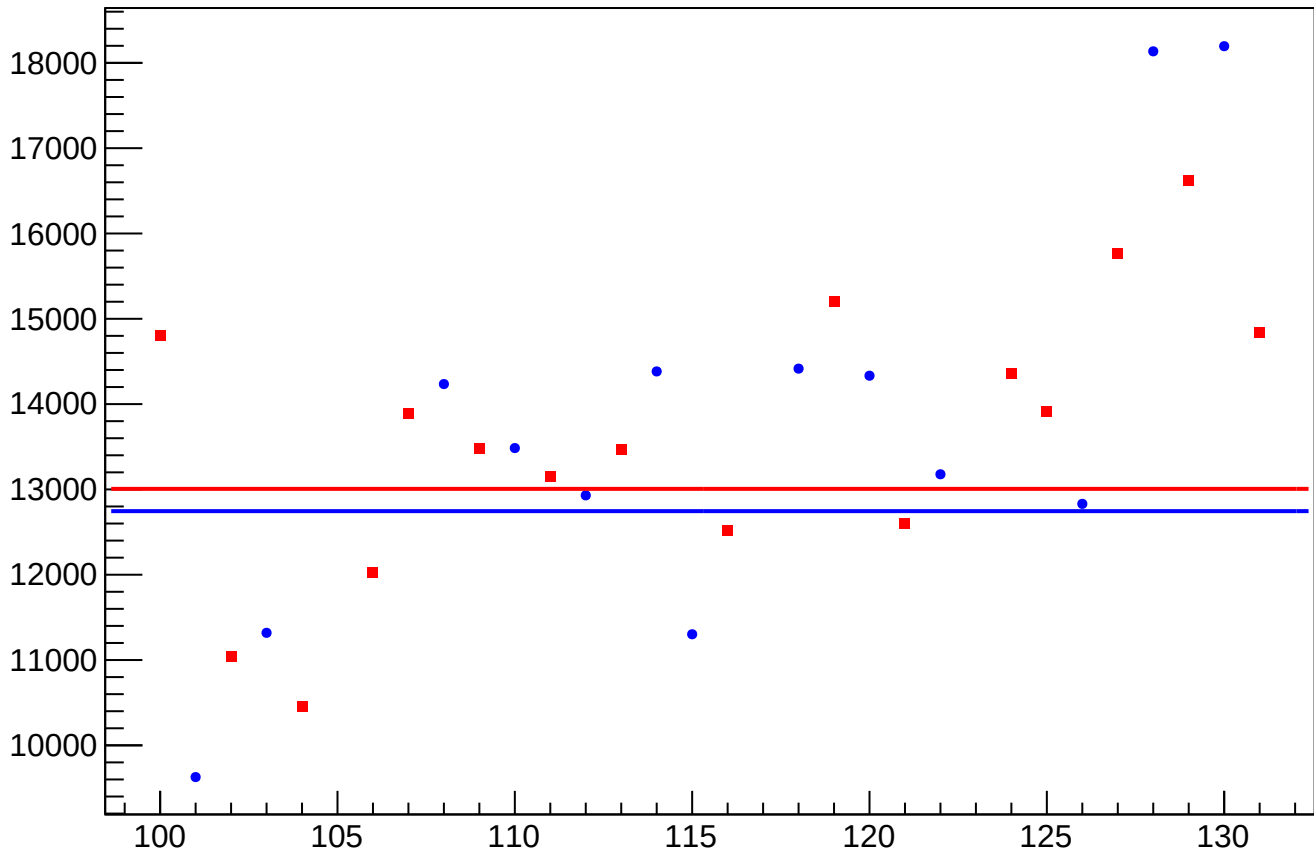
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 7.199 ± 3.807 $\chi^2/\text{NDF}: 29.6/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm4aediffX_rms vs Slug



Right In: 12745.334+/-3.920 χ^2/NDF : 375718.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13006.513+/-3.704 χ^2/NDF : 223284.7/15

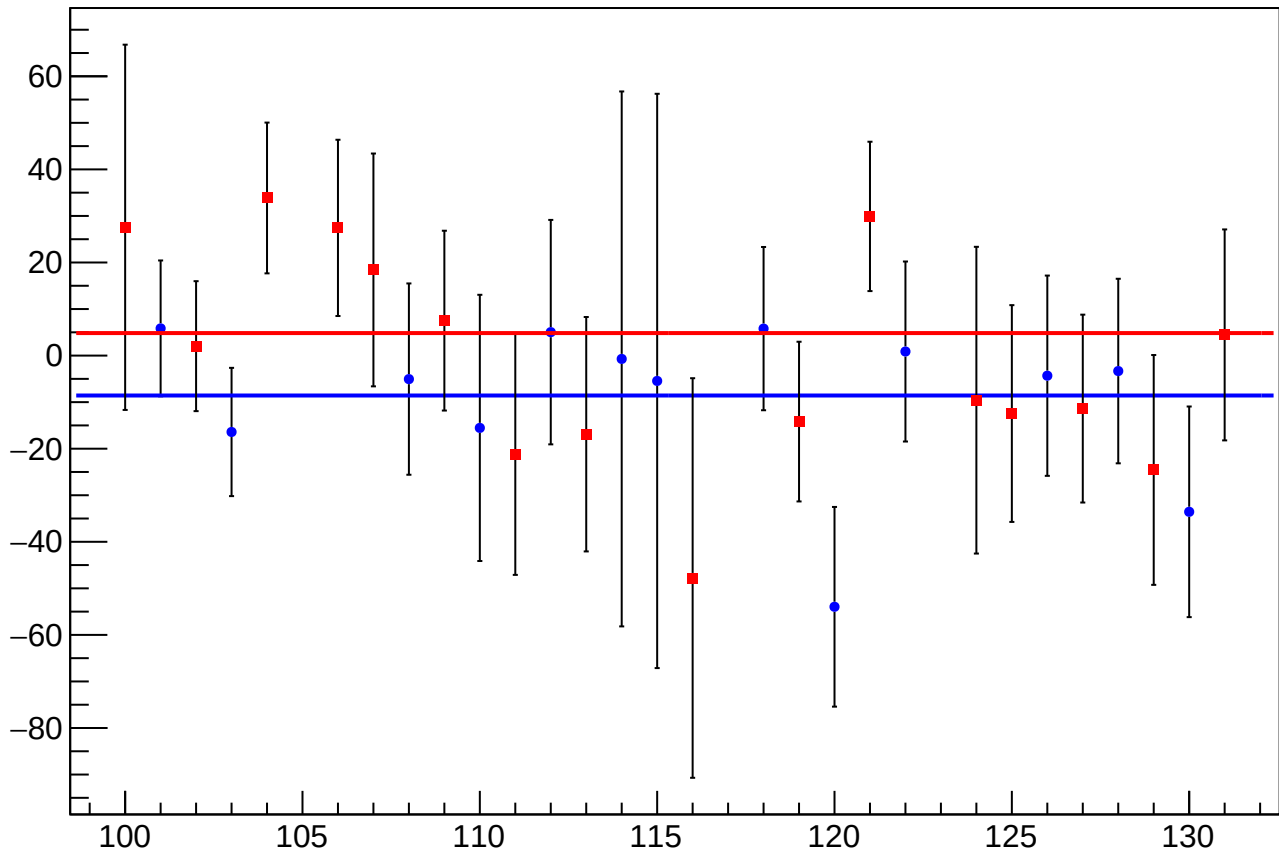
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12883.321+/-2.692 χ^2/NDF : 601349.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aesumY_mean vs Slug



Right In: -8.573+/-5.716 χ^2/NDF : 8.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.838+/-5.244 χ^2/NDF : 15.1/15

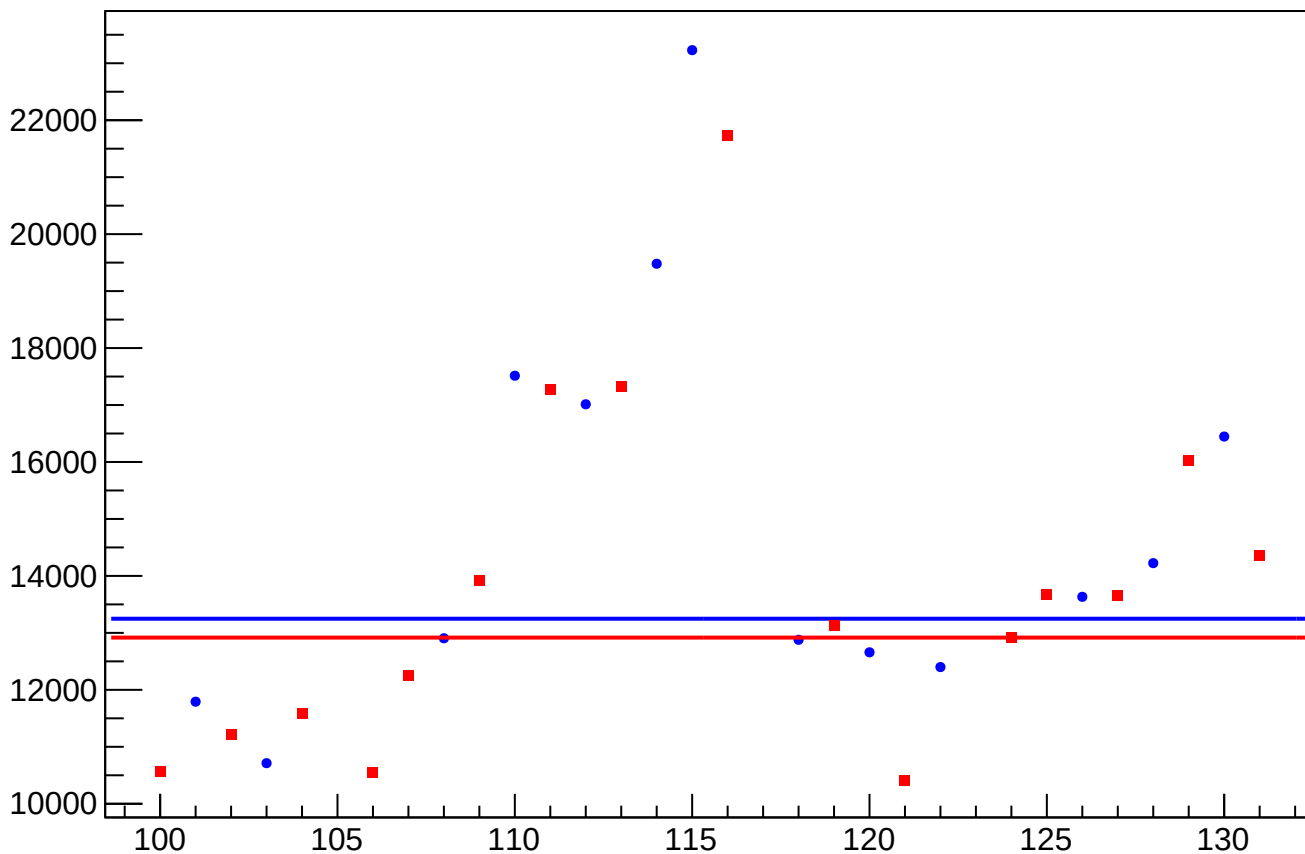
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.291+/-3.864 χ^2/NDF : 26.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aesumY_rms vs Slug



Right In: 13248.539+/-4.042 χ^2/NDF : 309143.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12917.239+/-3.708 χ^2/NDF : 384443.6/15

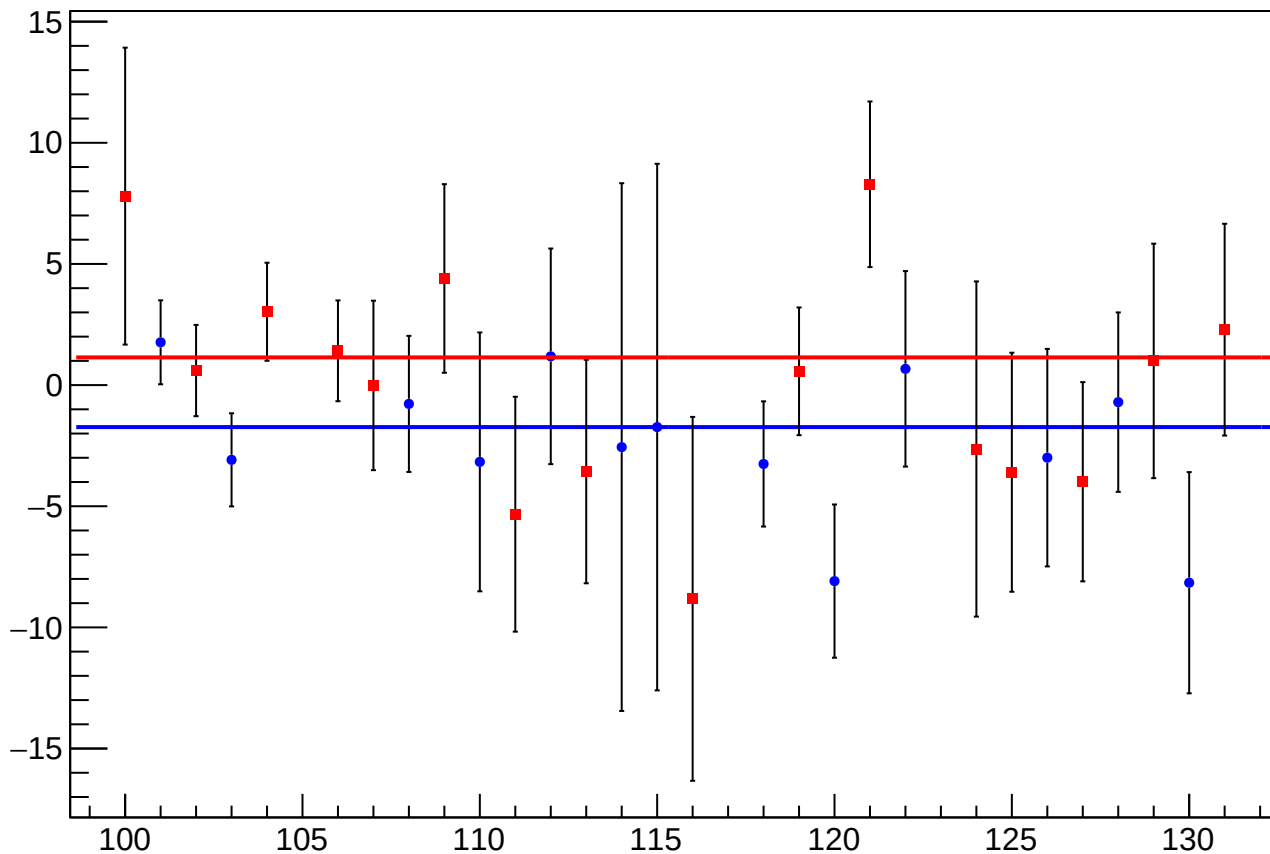
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13068.627+/-2.732 χ^2/NDF : 697235.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aediY_mean vs Slug



Right In: -1.733+/-0.872 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.143+/-0.821 χ^2/NDF : 14.8/15

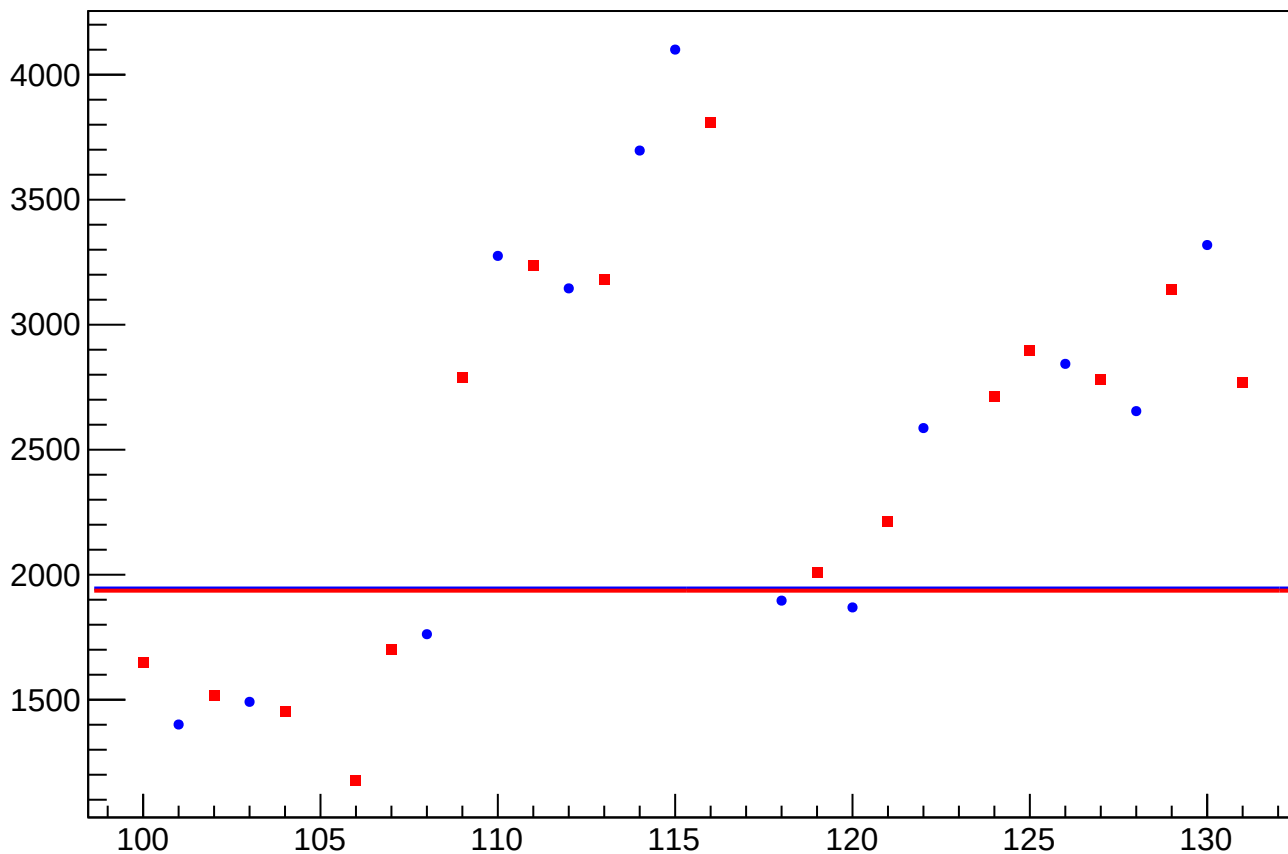
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.208+/-0.598 χ^2/NDF : 32.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aediY_rms vs Slug



Right In: 1944.803+/-0.617 χ^2/NDF : 1104362.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

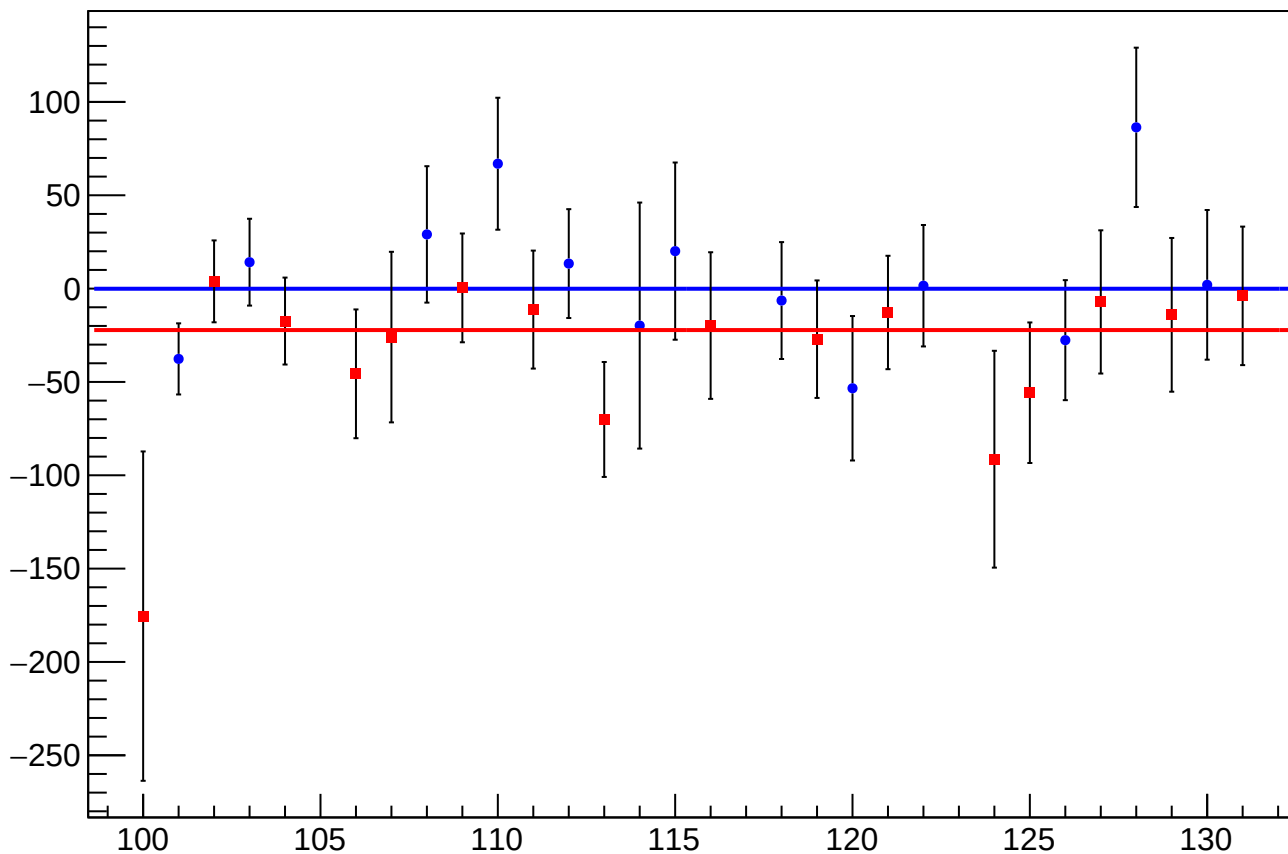
Right Out: 1936.229+/-0.580 χ^2/NDF : 1399153.0/15

All: 1940.257+/-0.423 χ^2/NDF : 2503617.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmtargetsumX_mean vs Slug



Right In: -0.074 ± 8.847 χ^2/NDF : 15.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -22.209 ± 8.349 χ^2/NDF : 10.9/15

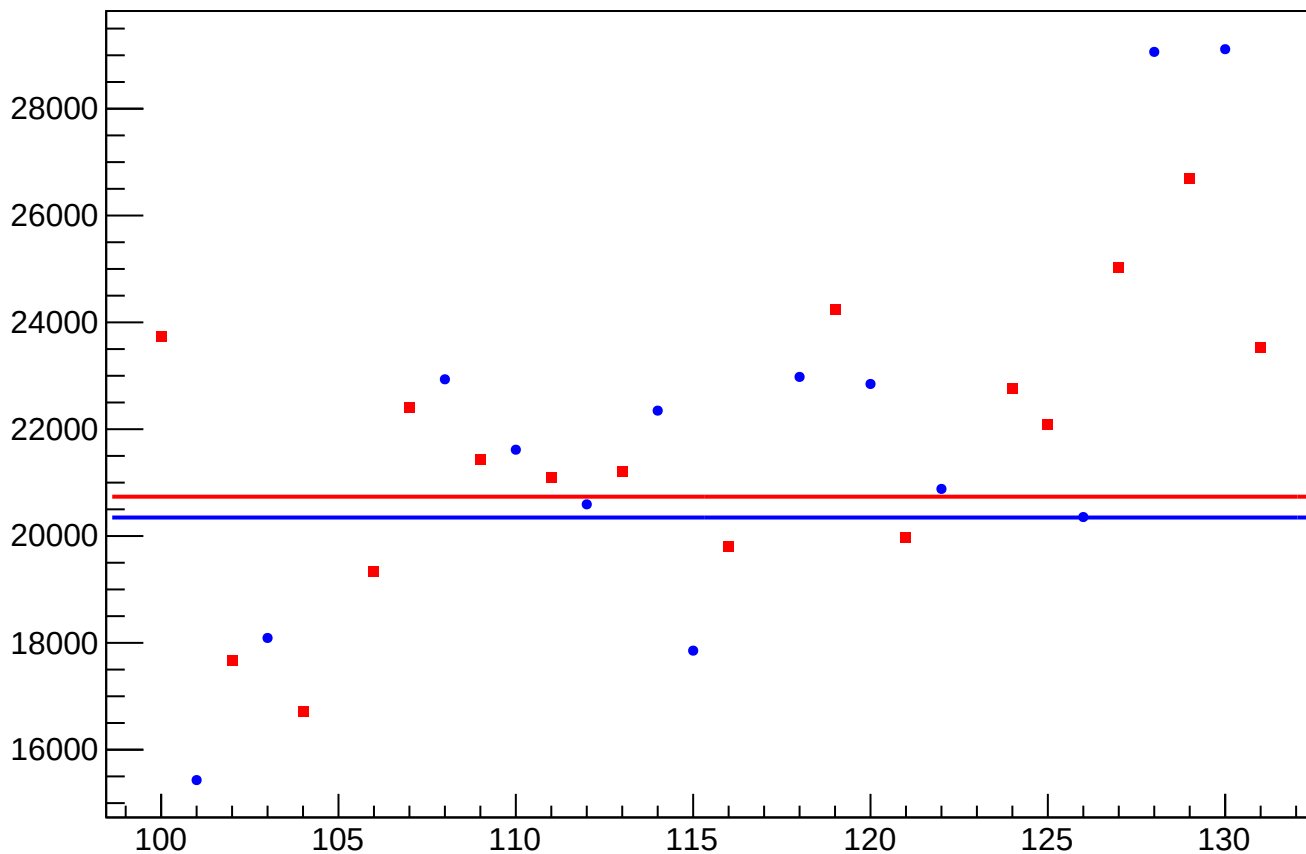
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.782 ± 6.072 χ^2/NDF : 29.9/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpmtargetsumX_rms vs Slug



Right In: 20346.676+/-6.256 χ^2/NDF : 374151.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

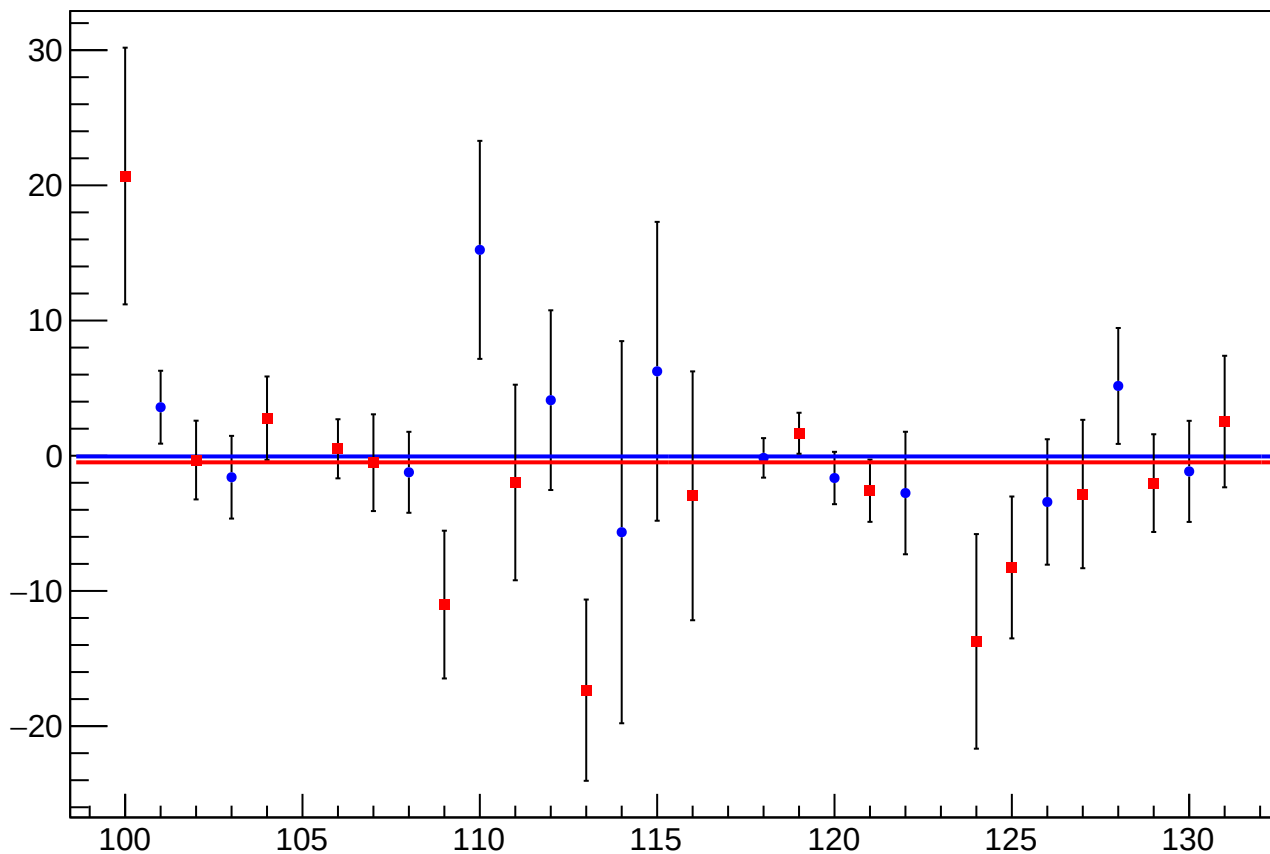
Right Out: 20736.611+/-5.904 χ^2/NDF : 219326.4/15

All: 20552.928+/-4.294 χ^2/NDF : 595532.7/28

- 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: -0.052 ± 0.857 χ^2/NDF : 9.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.488 ± 0.834 χ^2/NDF : 25.0/15

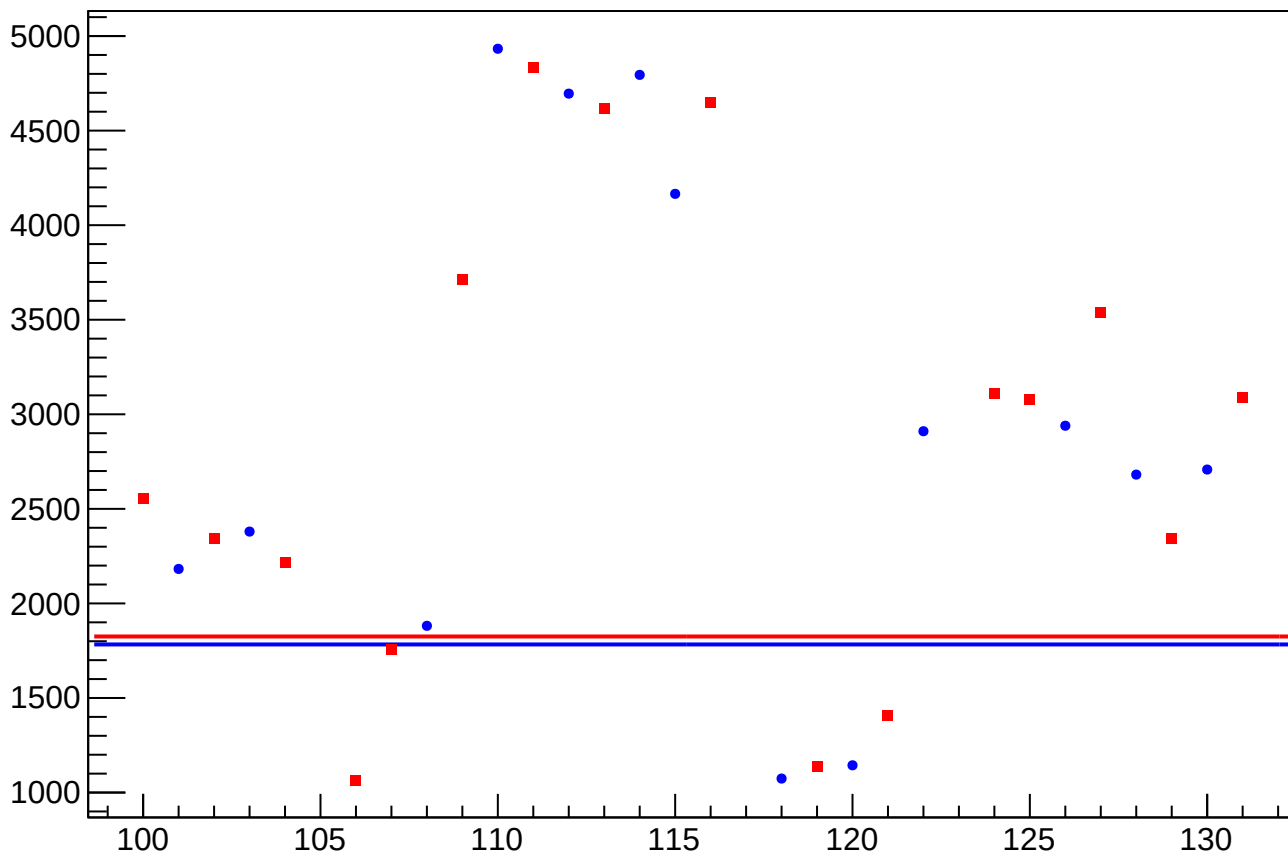
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.276 ± 0.598 χ^2/NDF : 35.0/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpmtargetdiffX_rms vs Slug



Right In: 1783.070+/-0.606 χ^2/NDF : 2141836.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

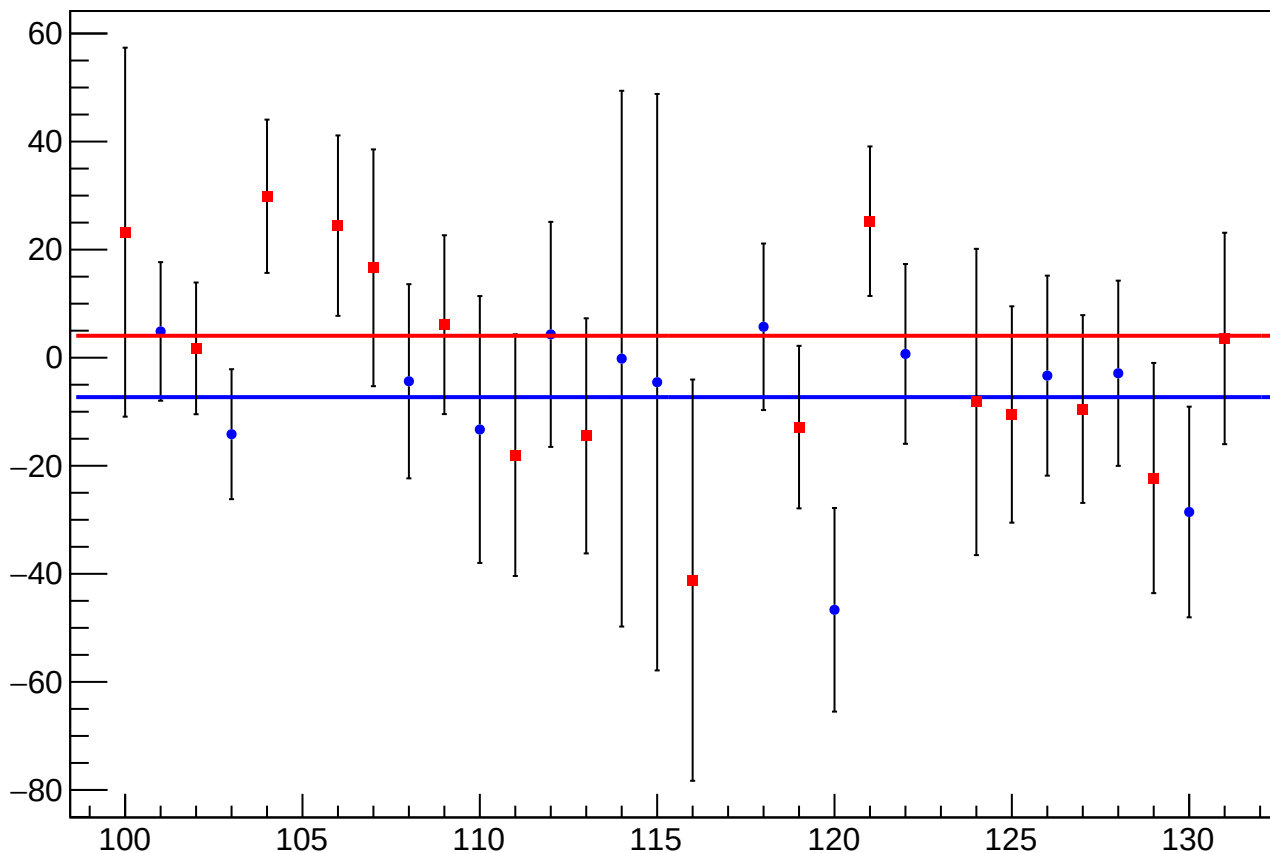
Right Out: 1825.175+/-0.590 χ^2/NDF : 2488850.4/15

All: 1804.679+/-0.423 χ^2/NDF : 4633167.3/28

- 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: -7.299+/-4.975 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.059+/-4.554 χ^2/NDF : 15.1/15

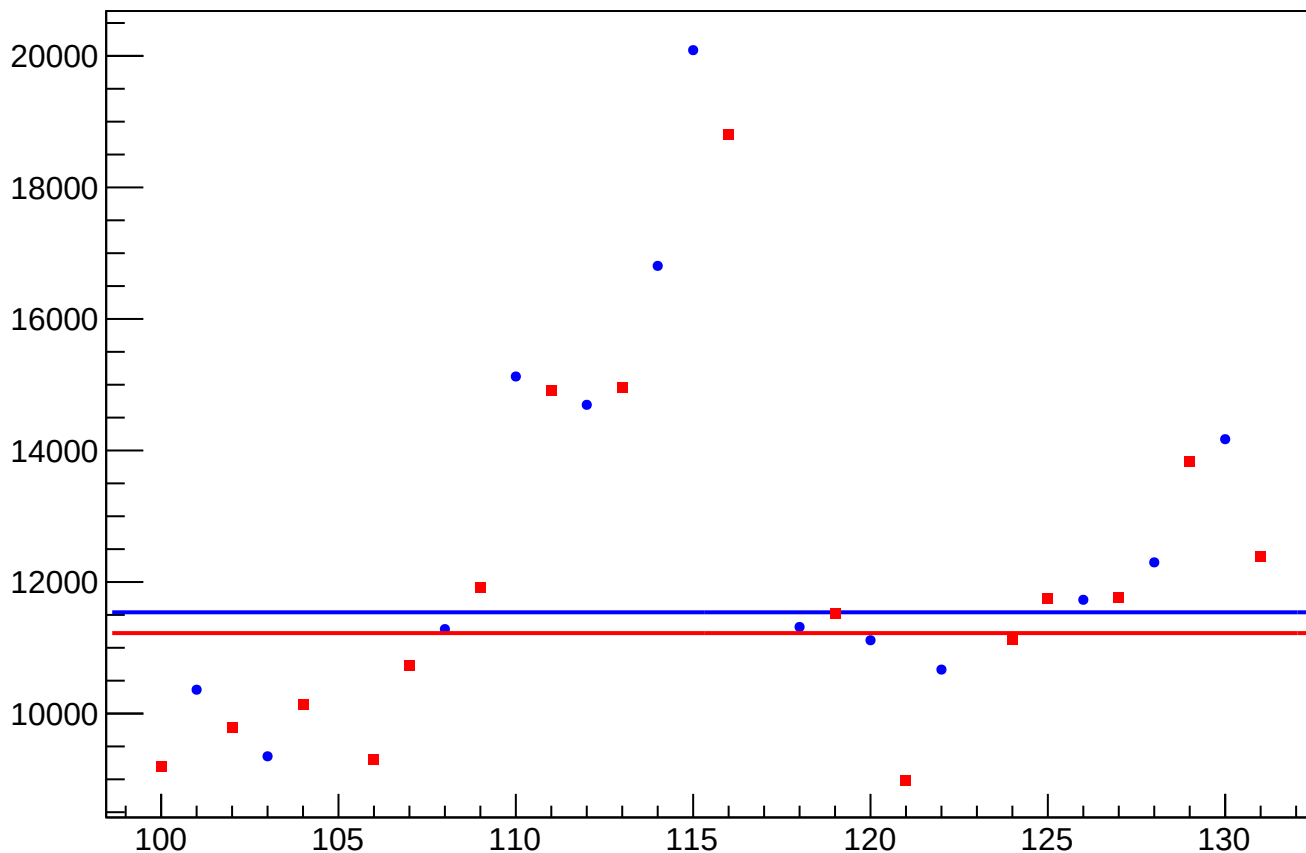
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.118+/-3.359 χ^2/NDF : 26.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmtargetsumY_rms vs Slug



Right In: 11539.502 $\pm$ 3.518 χ^2 /NDF: 293084.1/12

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

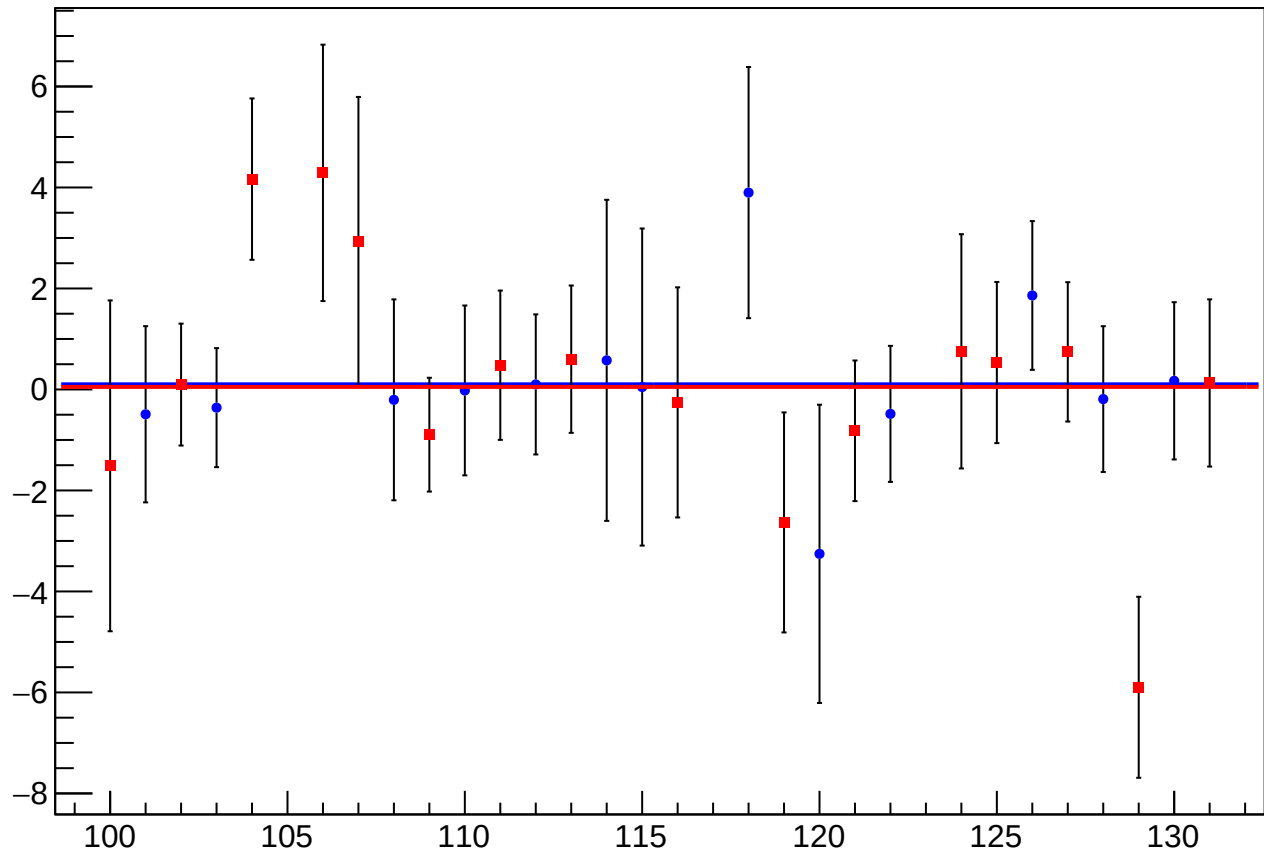
Right Out: 11223.400 $\pm$ 3.220 χ^2 /NDF: 367593.7/15

All: 11367.485 $\pm$ 2.375 χ^2 /NDF: 665070.8/28

- 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_bpmtargetdiffY_mean vs Slug



Right In: 0.102 $\pm$ 0.469 χ^2/NDF : 5.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.051 $\pm$ 0.413 χ^2/NDF : 25.0/15

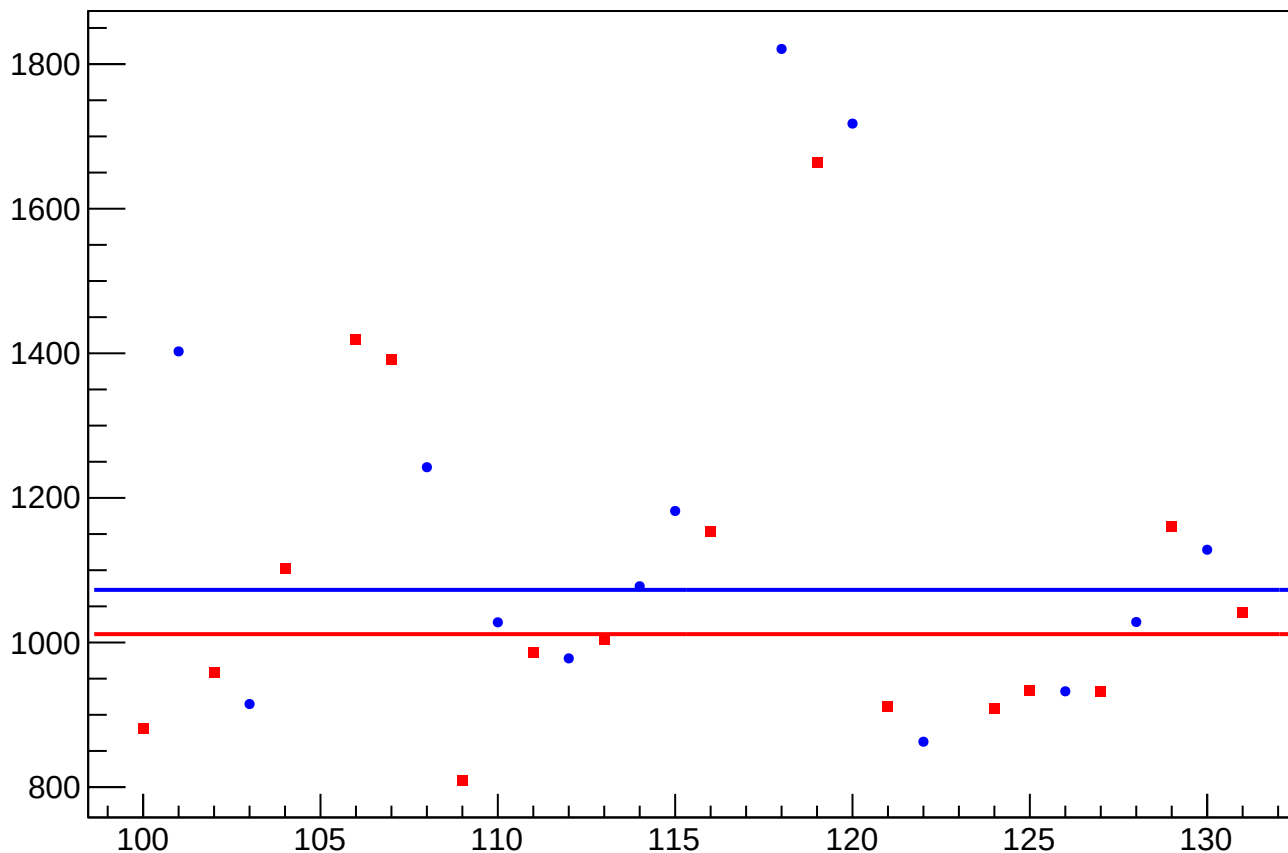
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.073 $\pm$ 0.310 χ^2/NDF : 30.6/28

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_bpmtargetdiffY_rms vs Slug



Right In: 1072.806 $\pm$ 0.331 χ^2 /NDF: 482682.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1011.583 $\pm$ 0.292 χ^2 /NDF: 391652.3/15

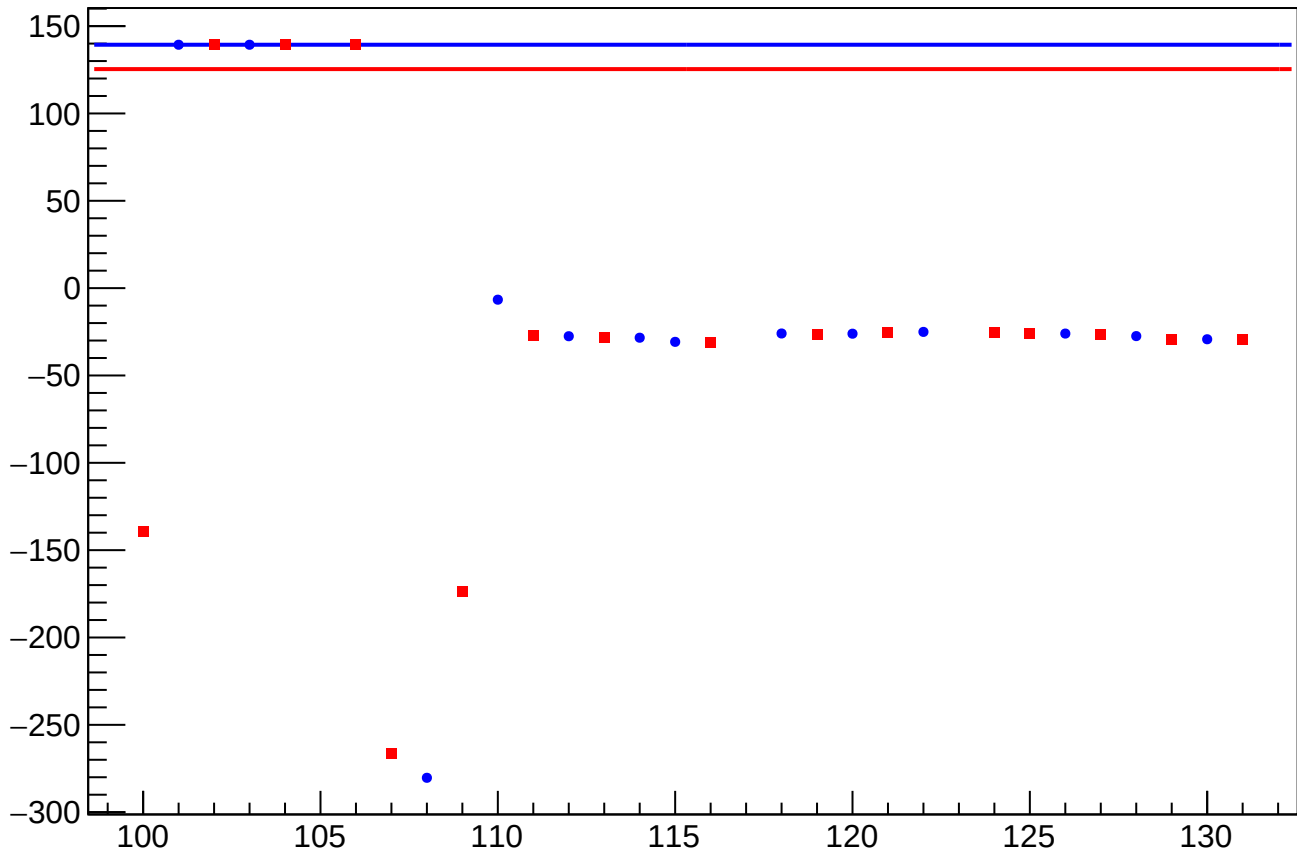
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1038.359 $\pm$ 0.219 χ^2 /NDF: 893550.5/28

- 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: 31539221044.6/12

+ 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

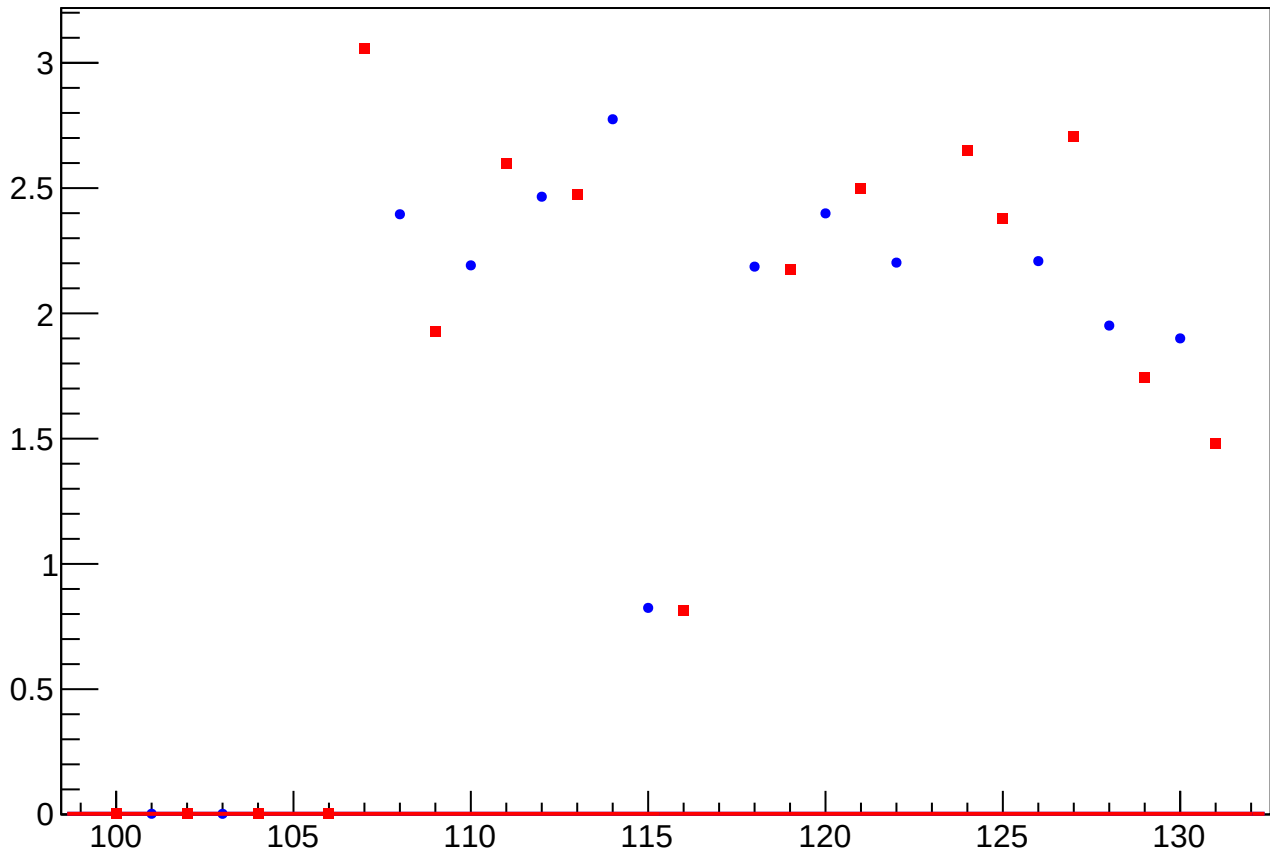
All: 131.819 $\pm$ 0.000 χ^2 /NDF: 792981715349

Right Out: 125.392 $\pm$ 0.000 χ^2 /NDF: 774164747332053.0/15

- 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 : 7103334.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 7988019.9/15

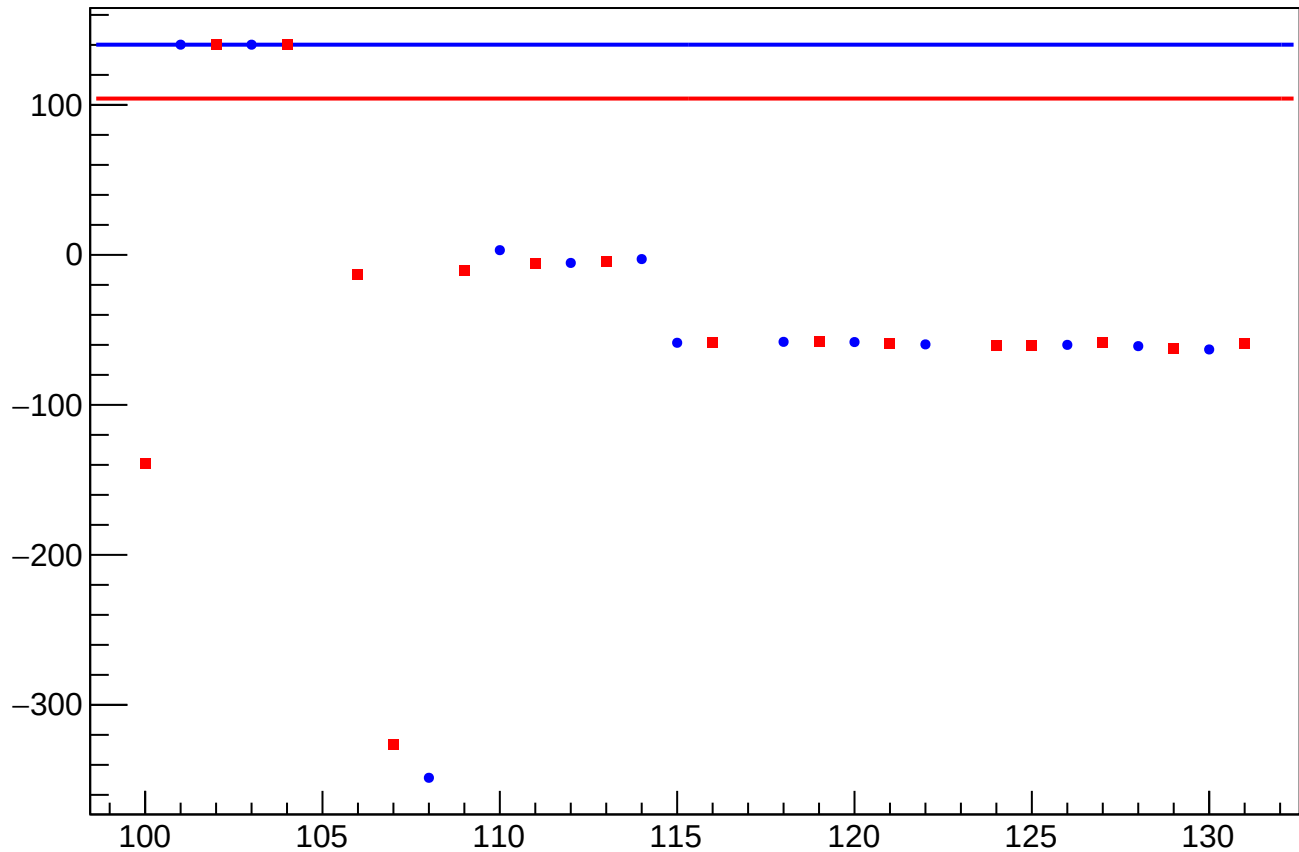
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 15091515.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bY_mean vs Slug



Right In: 140.146+/-0.000 χ^2/NDF : 82522426630.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

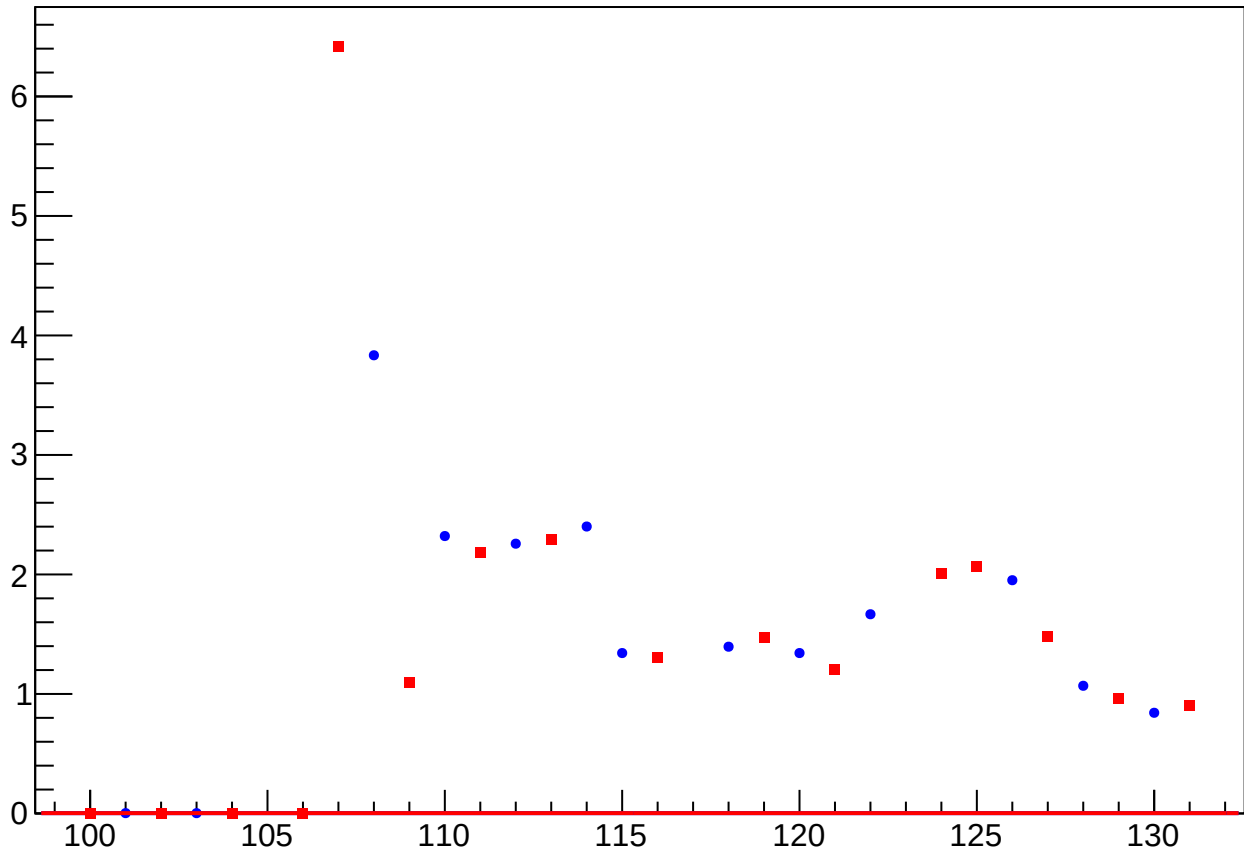
All: 120.834+/-0.000 χ^2/NDF : 138074660147

Right Out: 104.226+/-0.000 χ^2/NDF : 1257349559749333.2/15

- 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 : 7682126.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 8253904.9/15

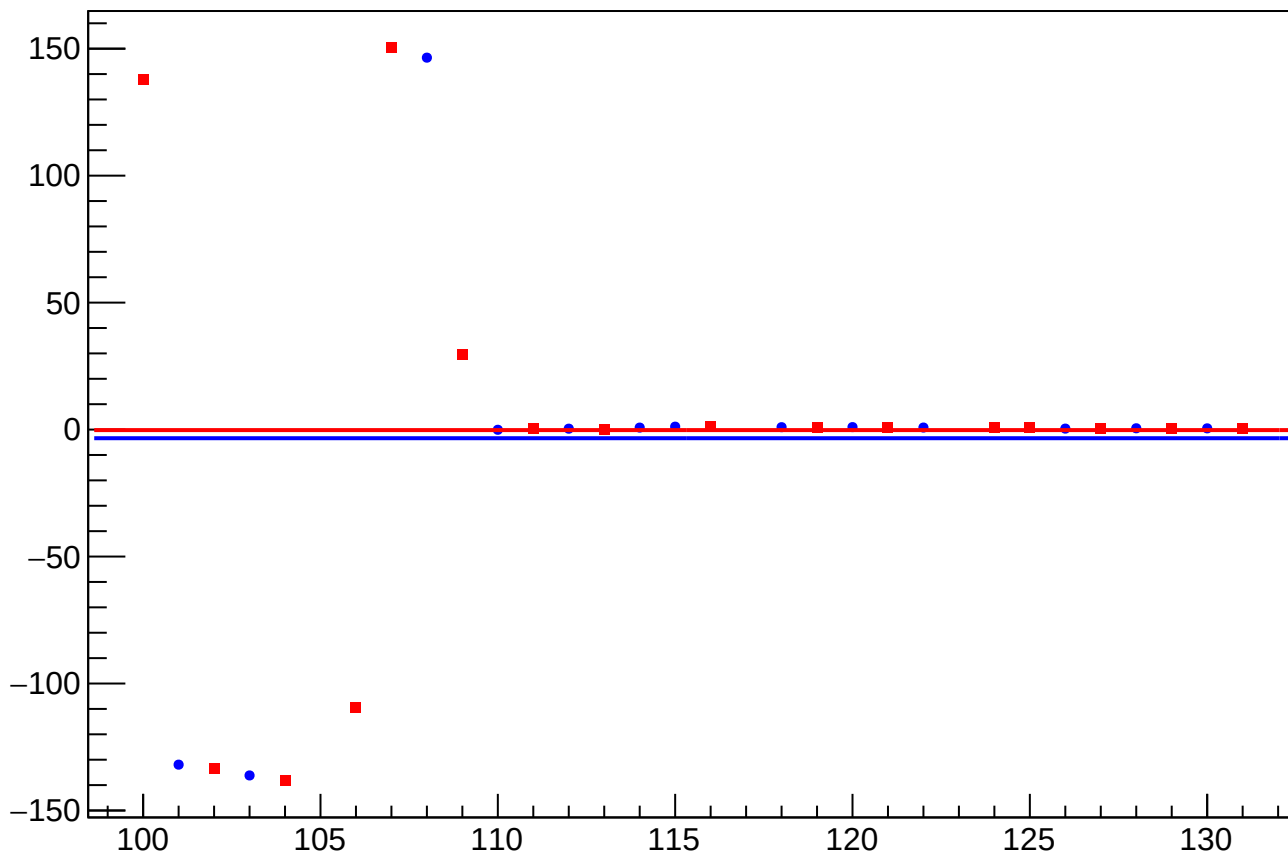
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 15936190.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cX_mean vs Slug



Right In: -3.398 ± 0.000 χ^2/NDF : 9815664984.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.200 ± 0.000 χ^2/NDF : 3605113320.3/15

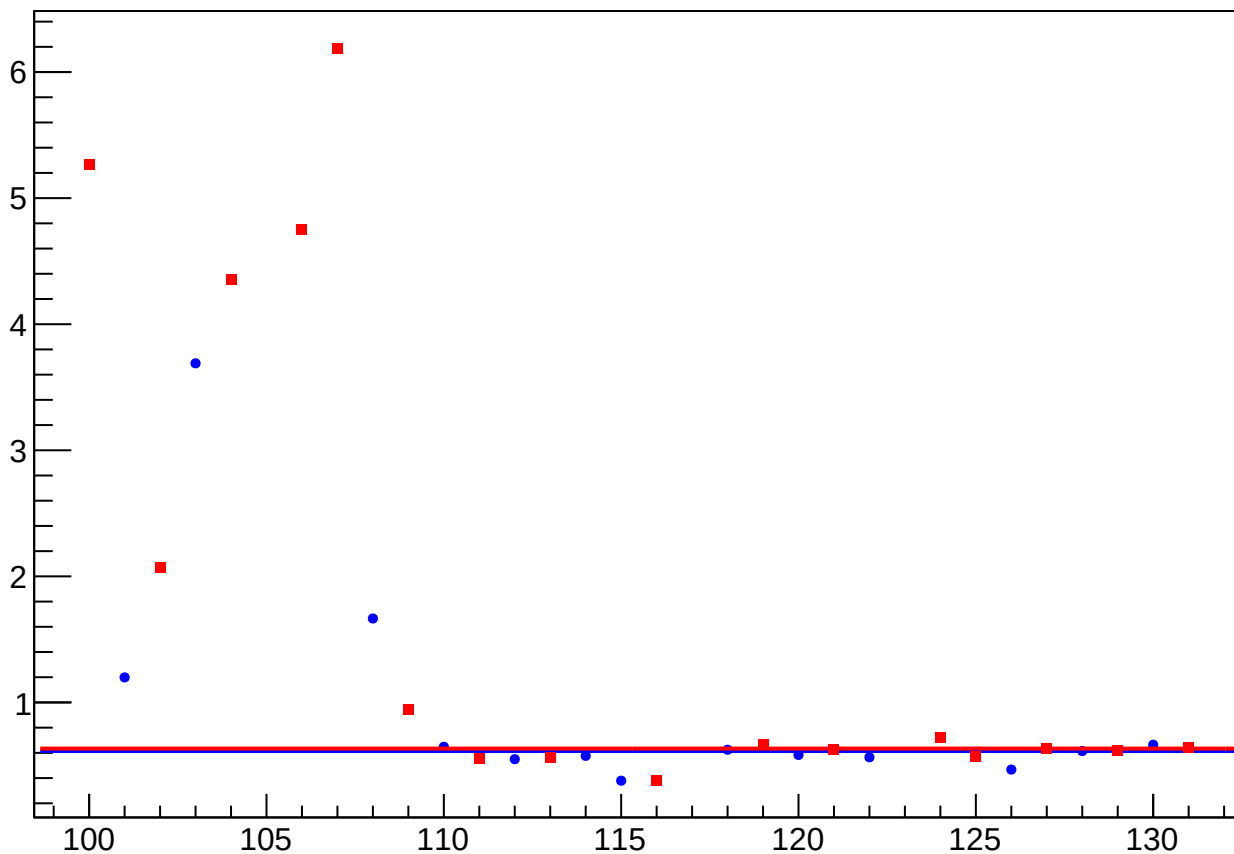
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.805 ± 0.000 χ^2/NDF : 13473218214.4/15

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

yield_cav4cX_rms vs Slug



Right In: 0.614+/-0.000 χ^2/NDF : 1360164.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.634+/-0.000 χ^2/NDF : 2298038.7/15

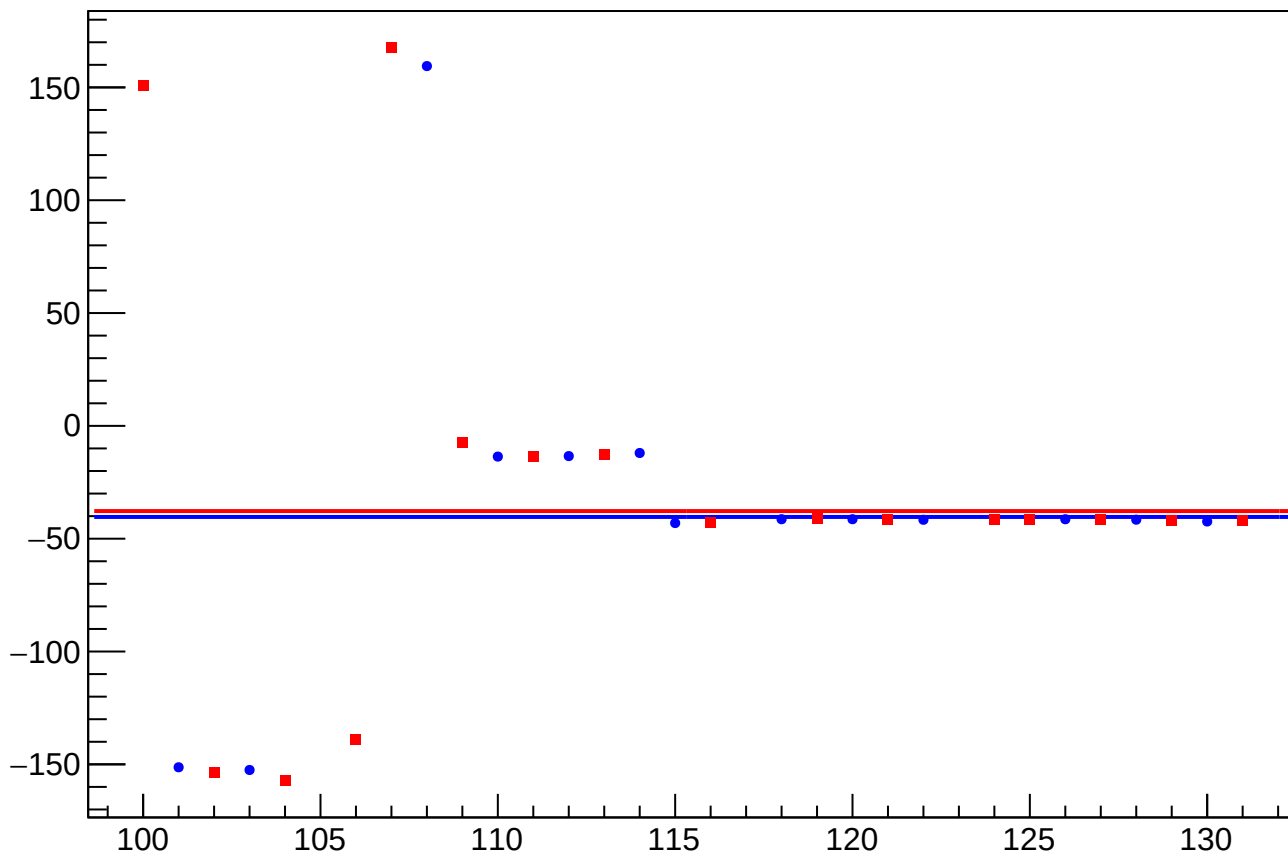
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.624+/-0.000 χ^2/NDF : 3662174.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cY_mean vs Slug



Right In: -40.358+/-0.000 χ^2/NDF : 3439894774.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.763+/-0.000 χ^2/NDF : 2417495718.7/15

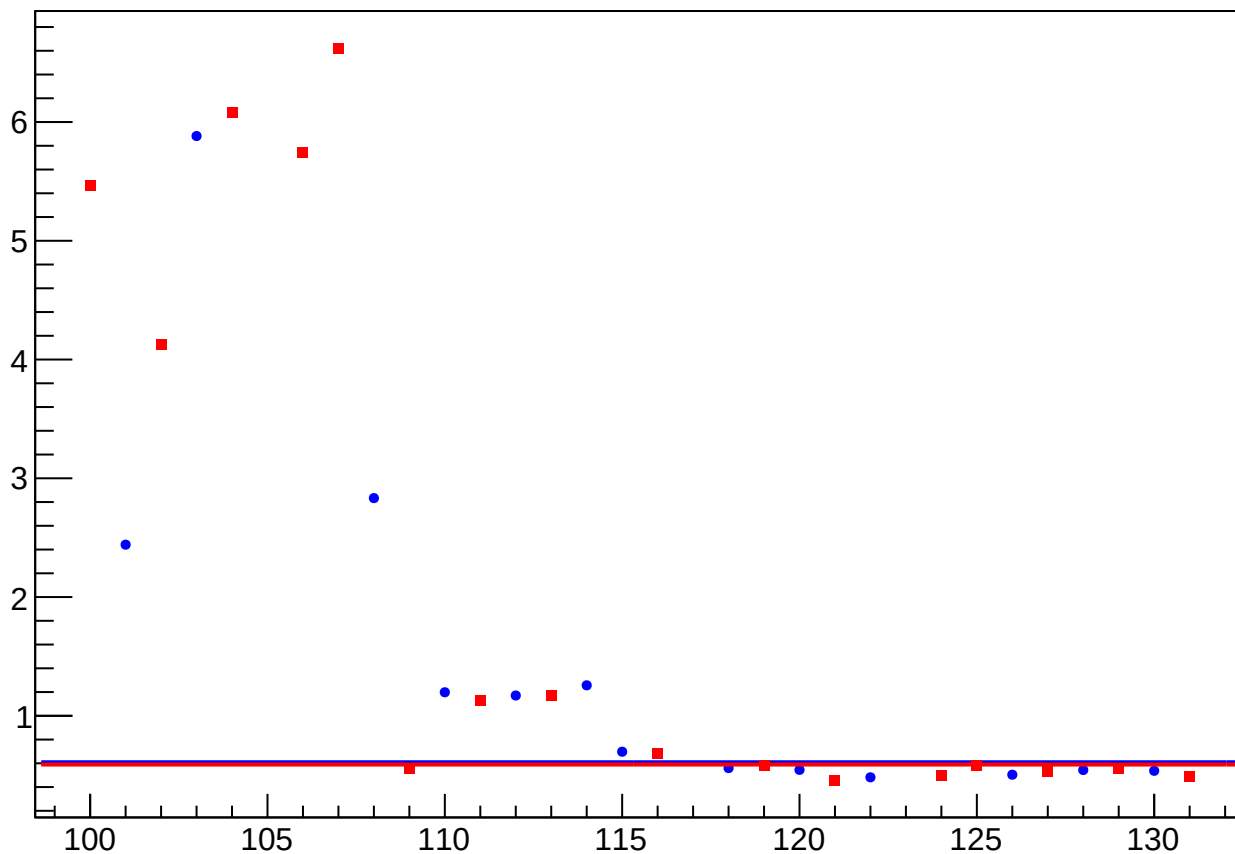
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.970+/-0.000 χ^2/NDF : 5894477683.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cY_rms vs Slug



Right In: 0.609+/-0.000 χ^2/NDF : 2547896.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.590+/-0.000 χ^2/NDF : 2964110.8/15

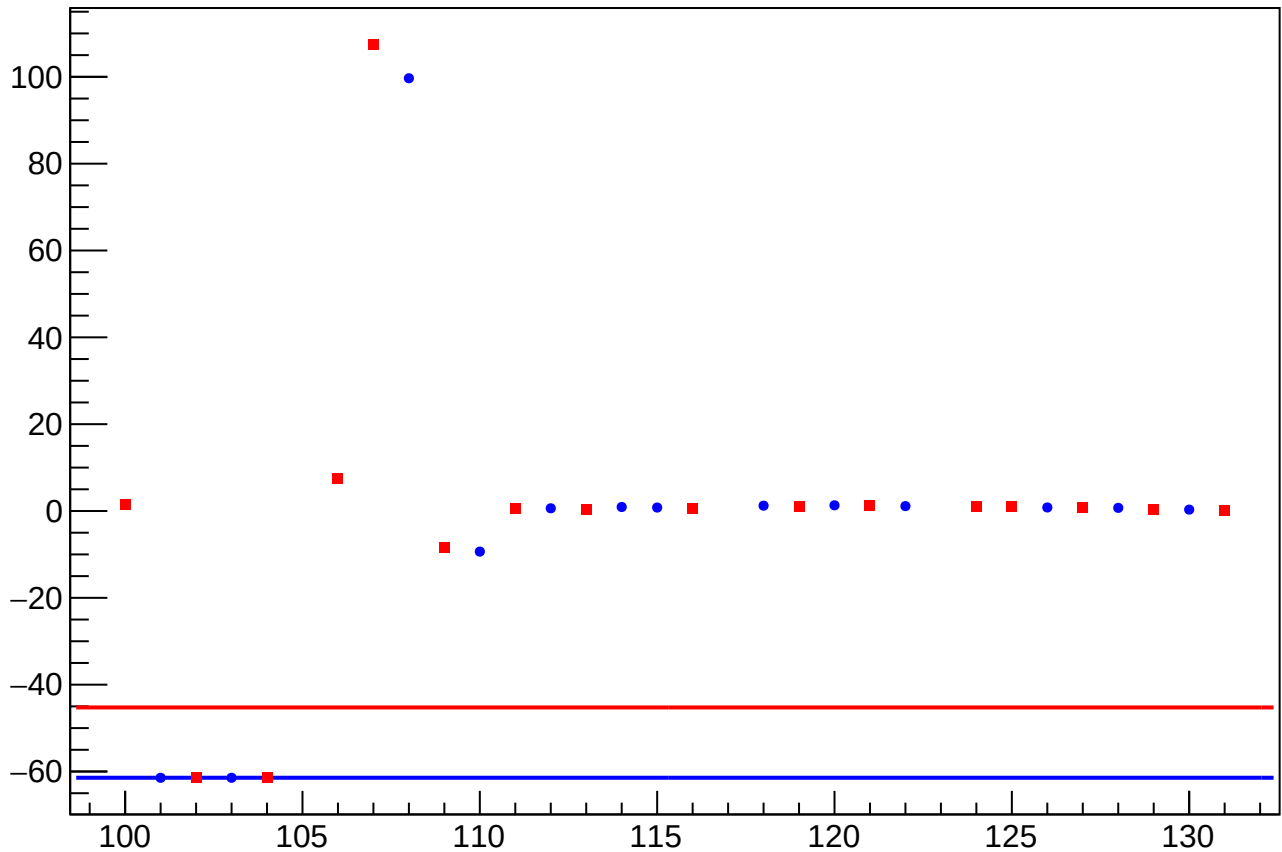
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.599+/-0.000 χ^2/NDF : 5516148.0/28

- 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 : 240410958063.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -45.246+/-0.000 χ^2/NDF : 357860125622174.9/15

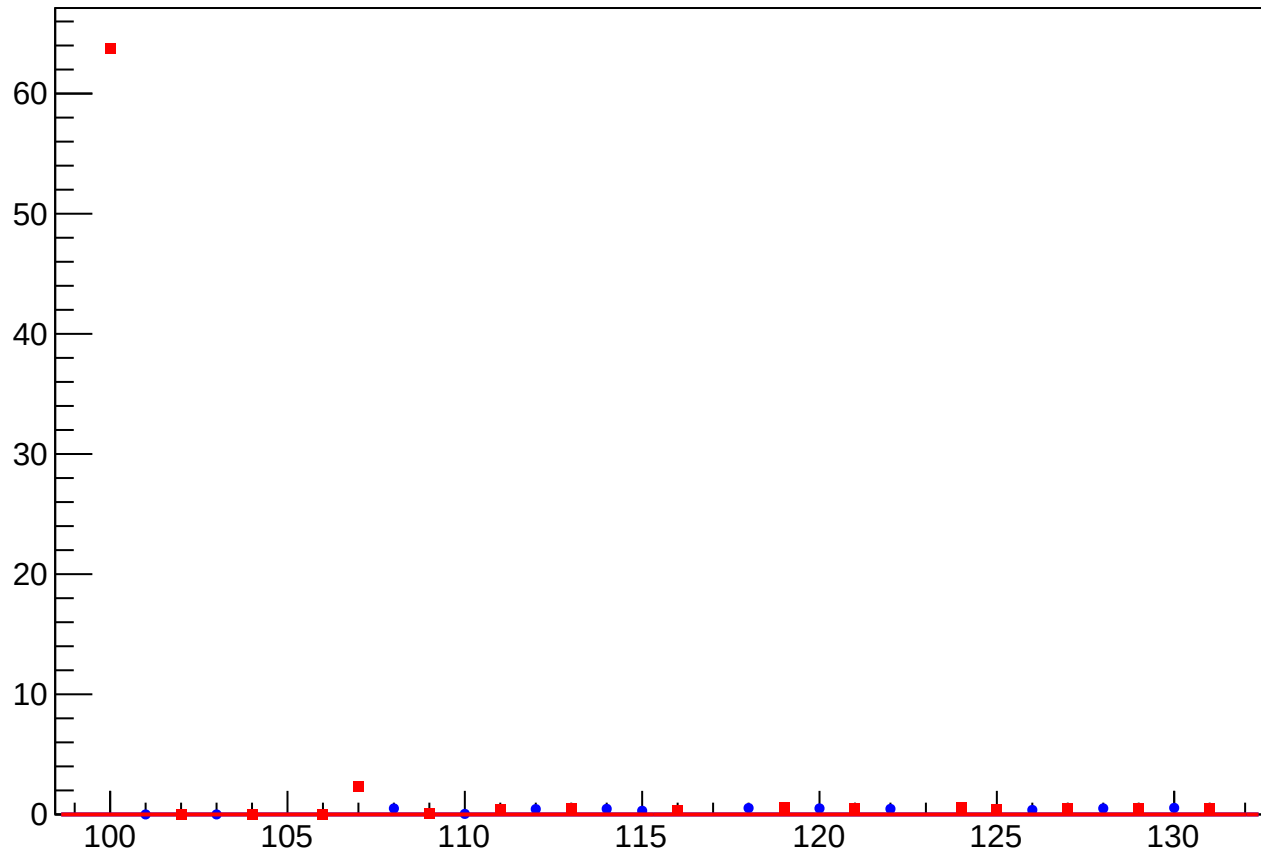
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.750+/-0.000 χ^2/NDF : 409083654692

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dX_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 6593230.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 7461102.6/15

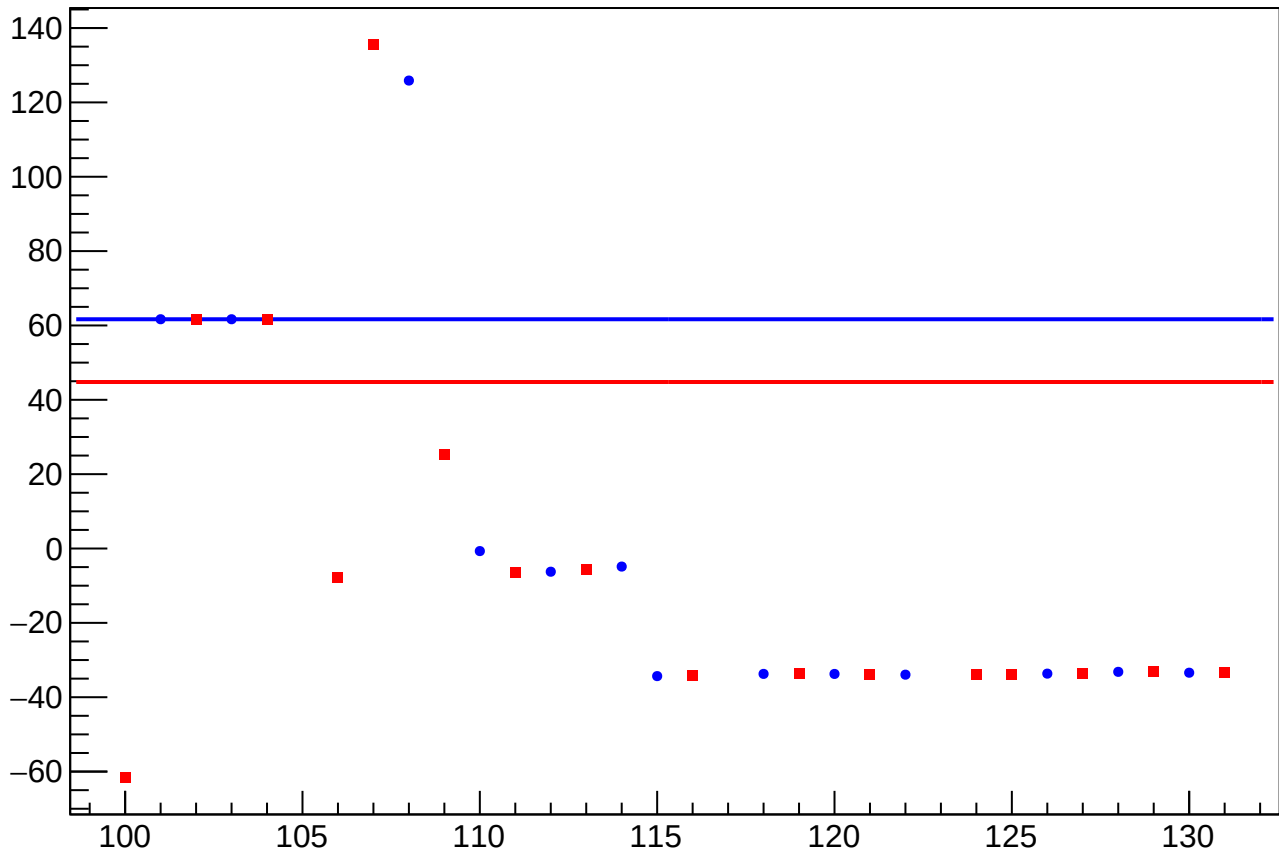
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 14054334.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dY_mean vs Slug



Right In: 61.668+/-0.000 χ^2/NDF : 188012723339.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.789+/-0.000 χ^2/NDF : 365998985409833.9/15

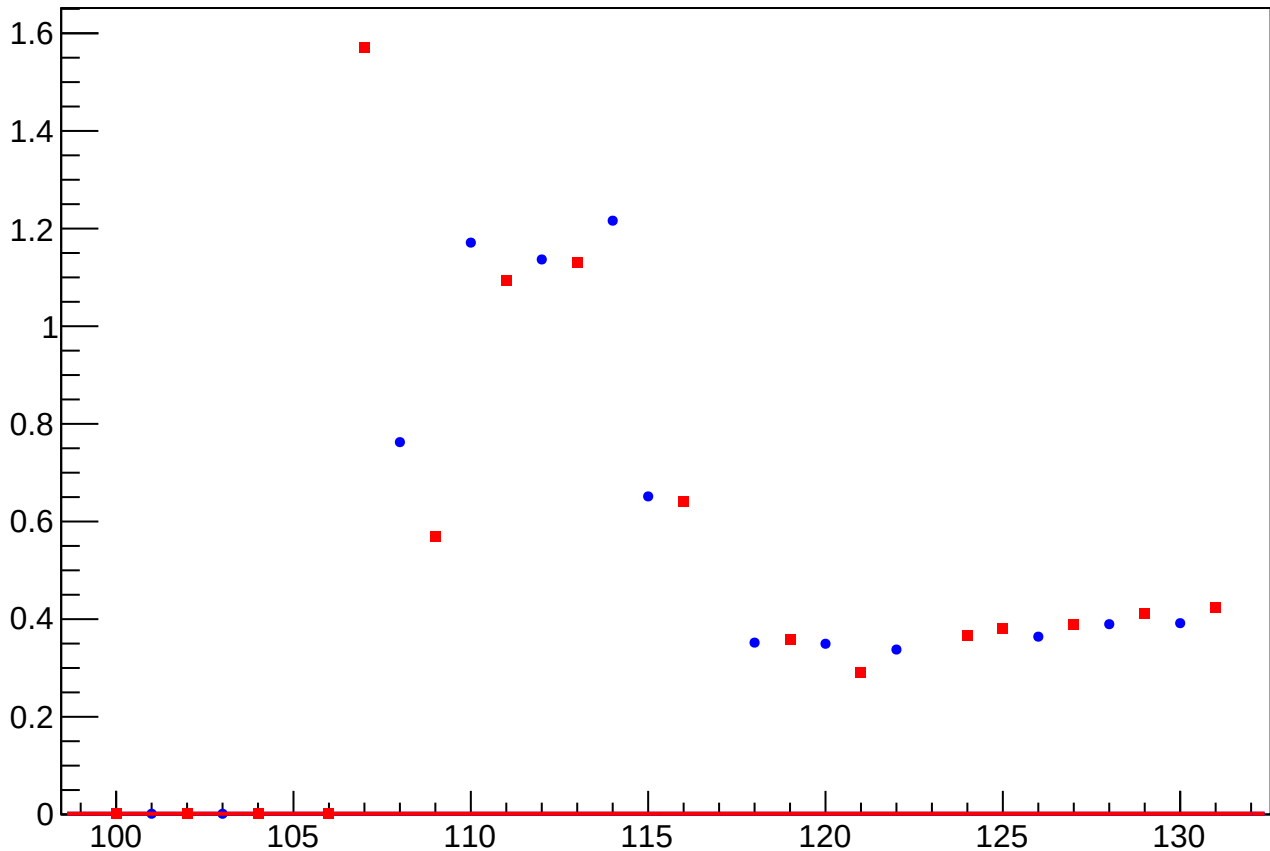
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.693+/-0.000 χ^2/NDF : 4173031977405

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dY_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 7954643.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 8431068.6/15

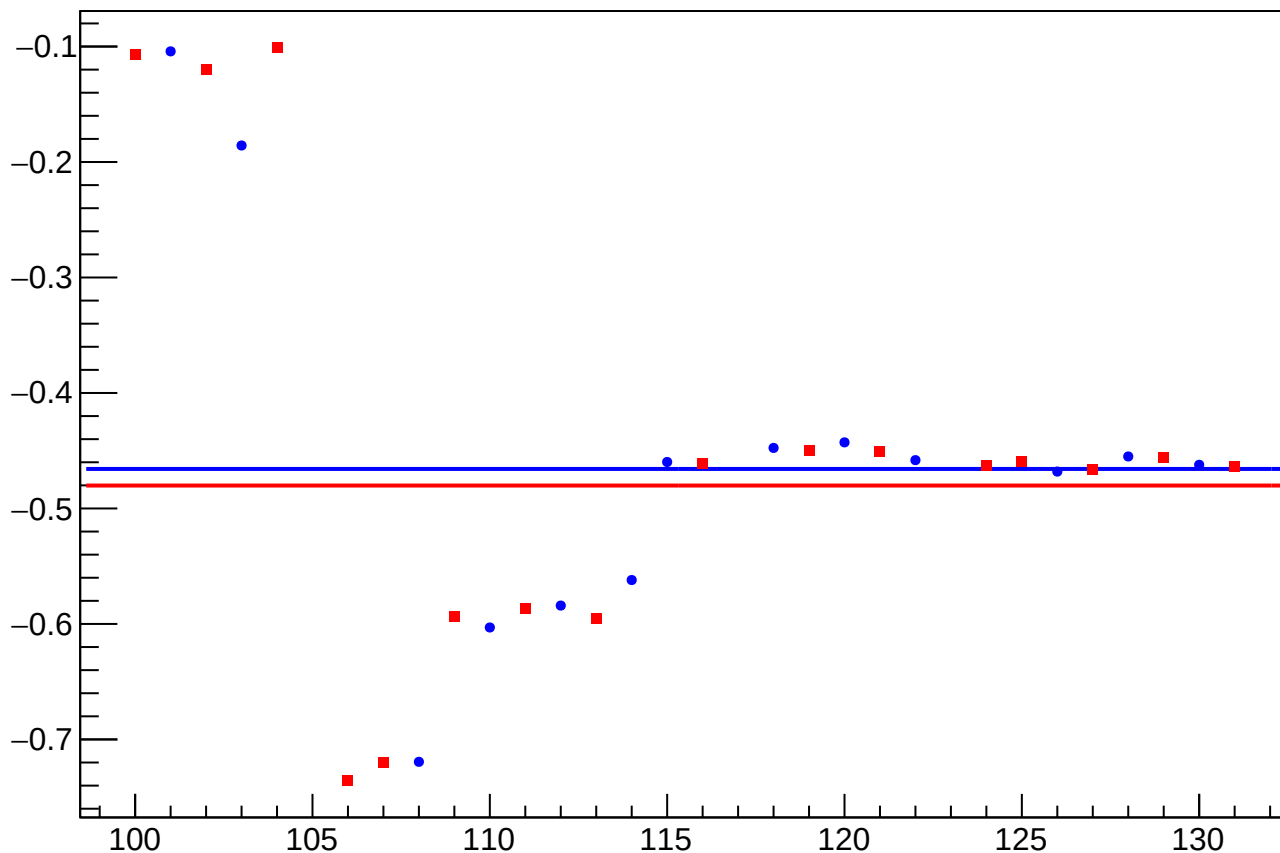
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 16385923.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4aX_mean vs Slug



Right In: -0.466+/-0.000 χ^2/NDF : 106508958.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.480+/-0.000 χ^2/NDF : 101633485.6/15

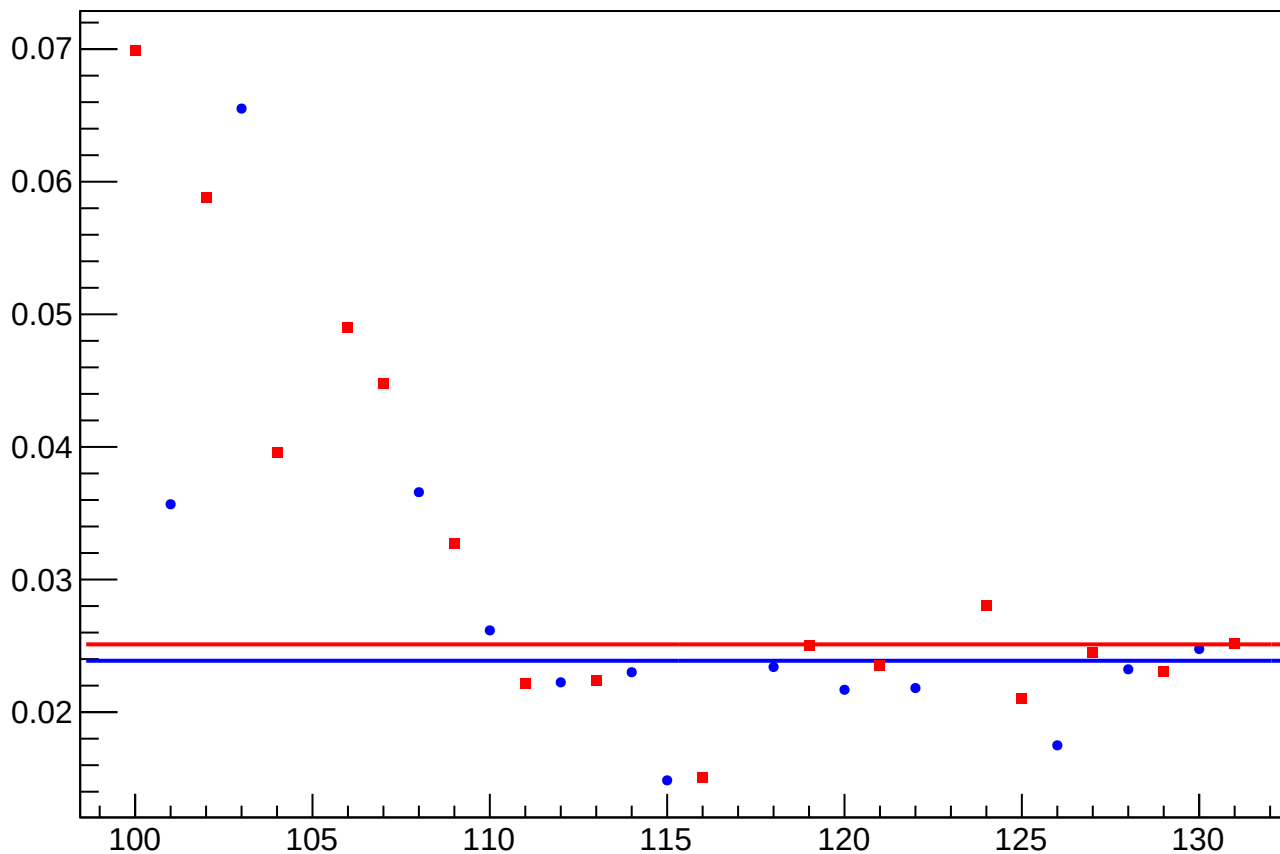
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.473+/-0.000 χ^2/NDF : 208914992.4/28

- 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: 840034.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.025 $\pm$ 0.000 χ^2 /NDF: 1010117.2/15

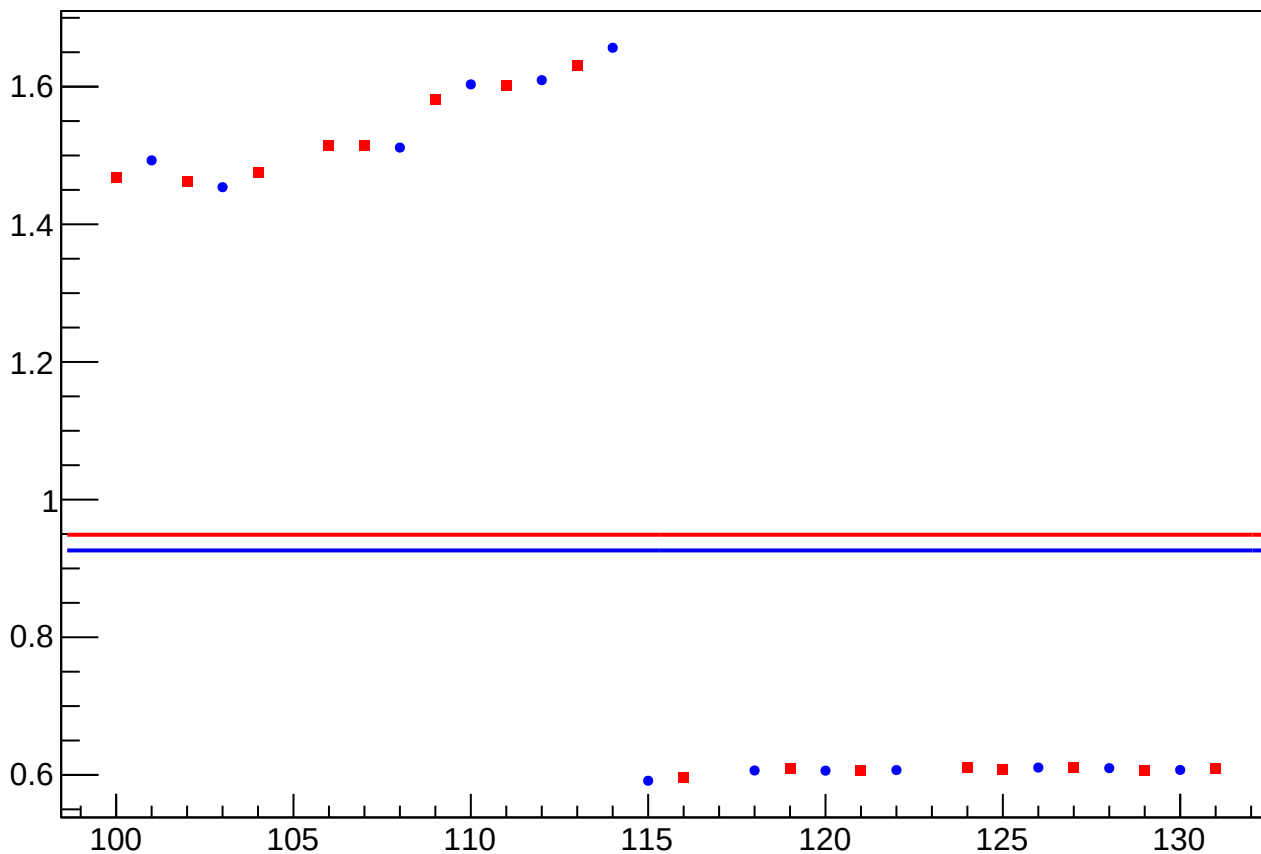
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.024 $\pm$ 0.000 χ^2 /NDF: 1861550.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm4aY_mean vs Slug



Right In: 0.926+/-0.000 χ^2/NDF : 3180997395.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.949+/-0.000 χ^2/NDF : 3694075578.3/15

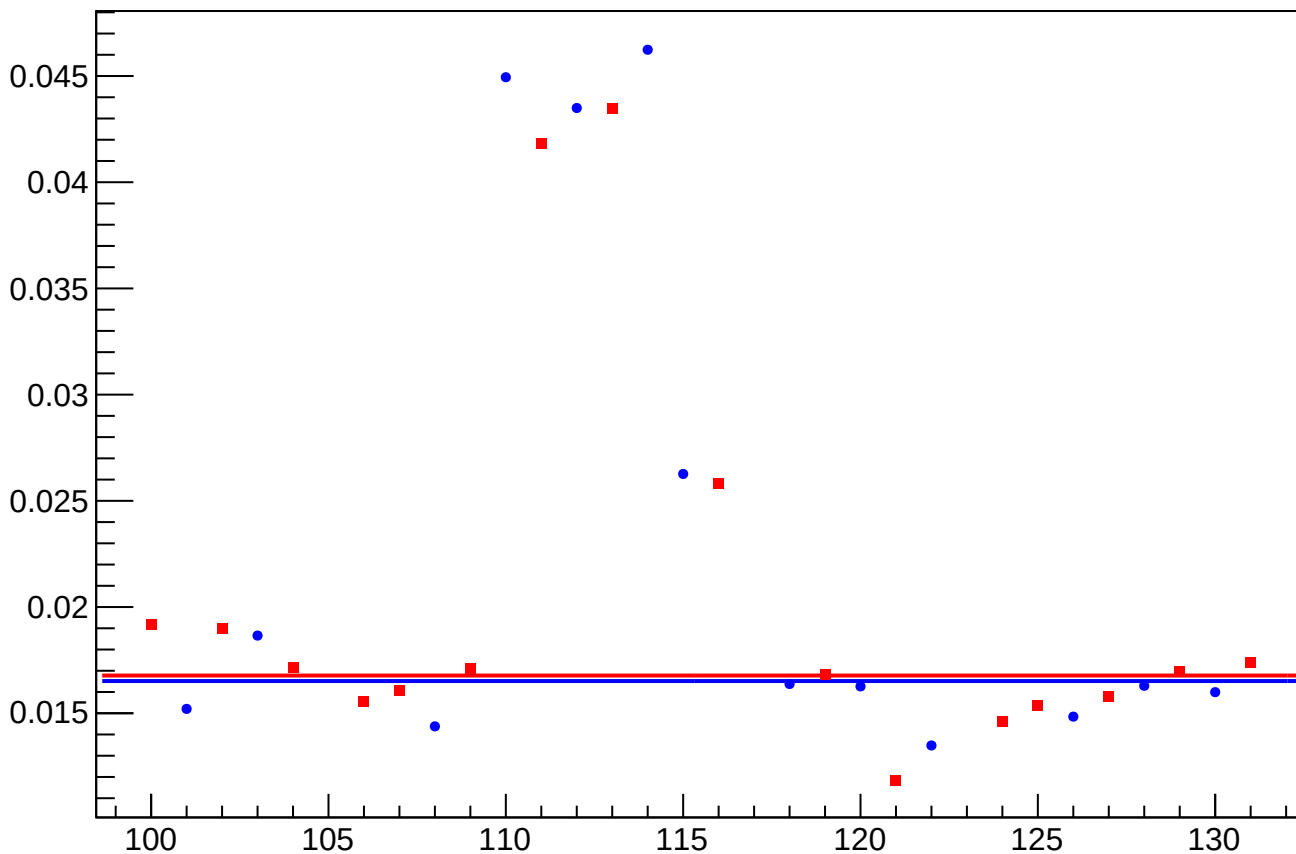
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.938+/-0.000 χ^2/NDF : 6879823553.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4aY_rms vs Slug



Right In: 0.017 $\pm$ 0.000 χ^2 /NDF: 841239.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.017 $\pm$ 0.000 χ^2 /NDF: 888051.2/15

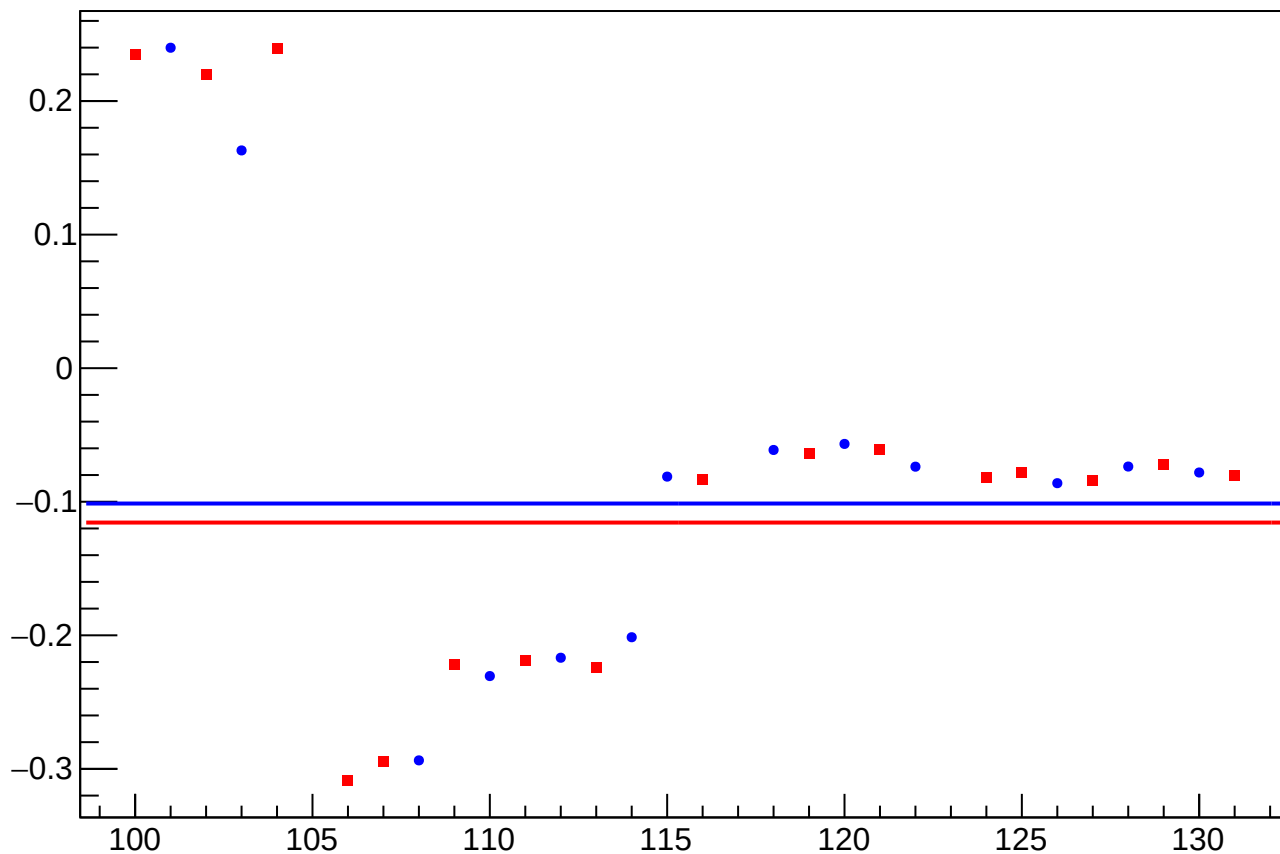
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.000 χ^2 /NDF: 1730522.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm4eX_mean vs Slug



Right In: -0.101+/-0.000 χ^2/NDF : 106088906.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.116+/-0.000 χ^2/NDF : 108988196.2/15

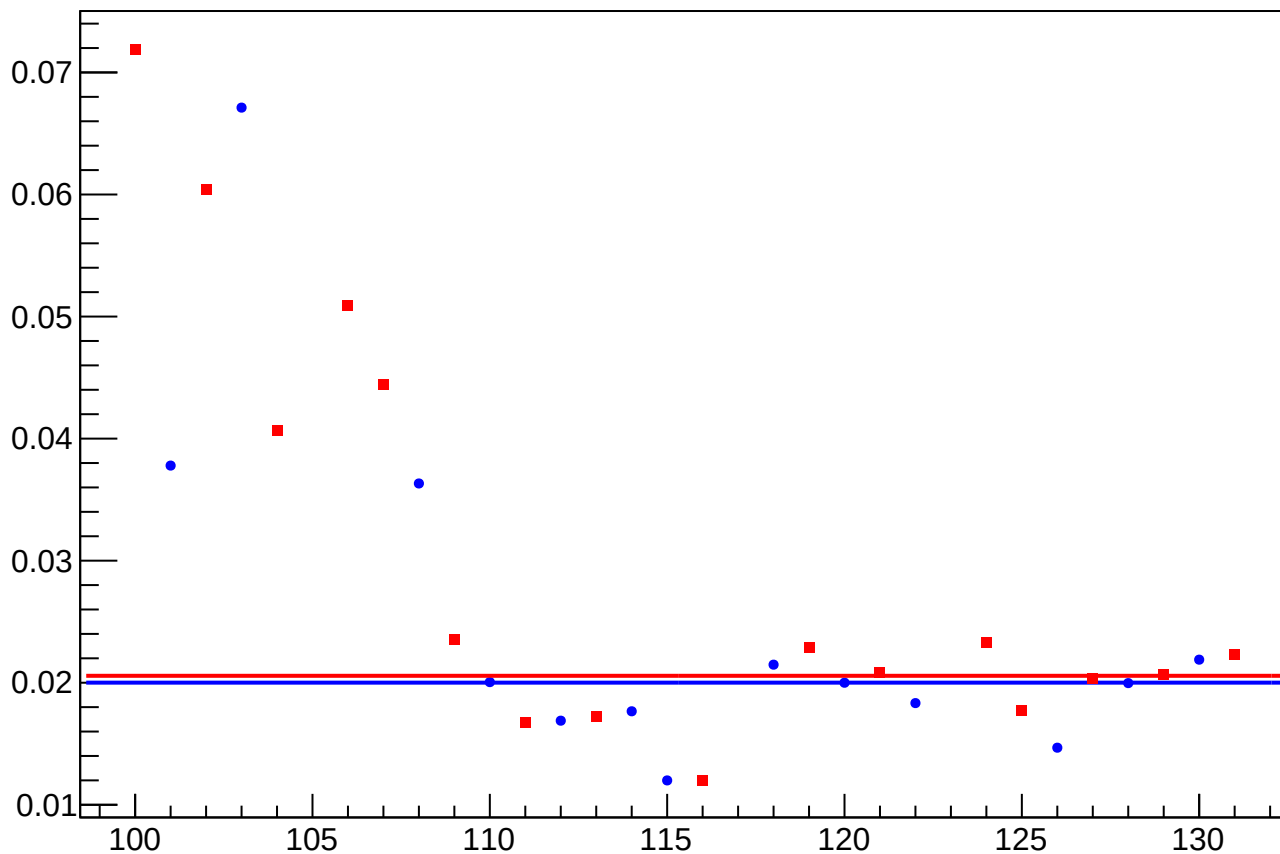
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.109+/-0.000 χ^2/NDF : 216143231.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4eX_rms vs Slug



Right In: 0.020 $\pm$ 0.000 χ^2 /NDF: 1163309.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.021 $\pm$ 0.000 χ^2 /NDF: 1372588.9/15

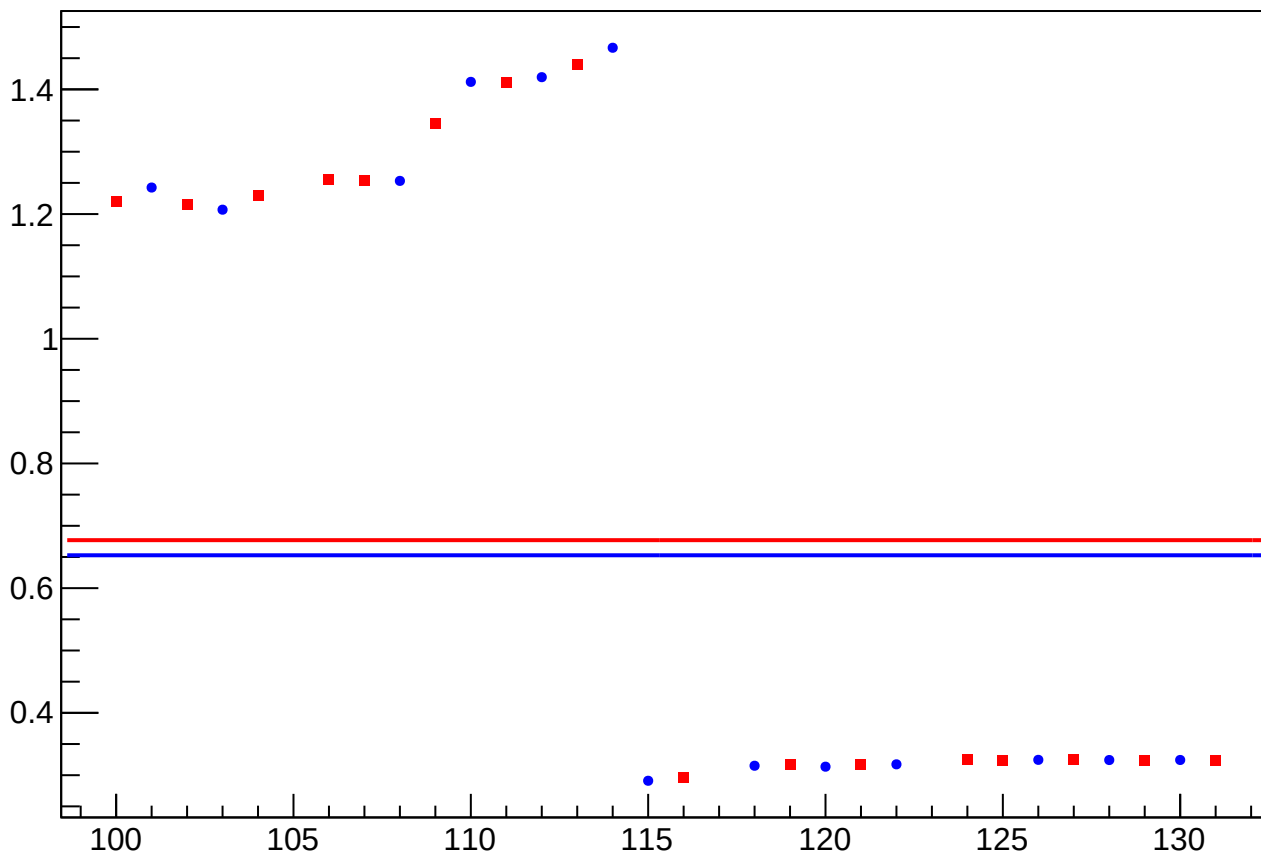
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.020 $\pm$ 0.000 χ^2 /NDF: 2539197.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm4eY_mean vs Slug



Right In: 0.653+/-0.000 χ^2/NDF : 5111610999.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.677+/-0.000 χ^2/NDF : 5556110342.1/15

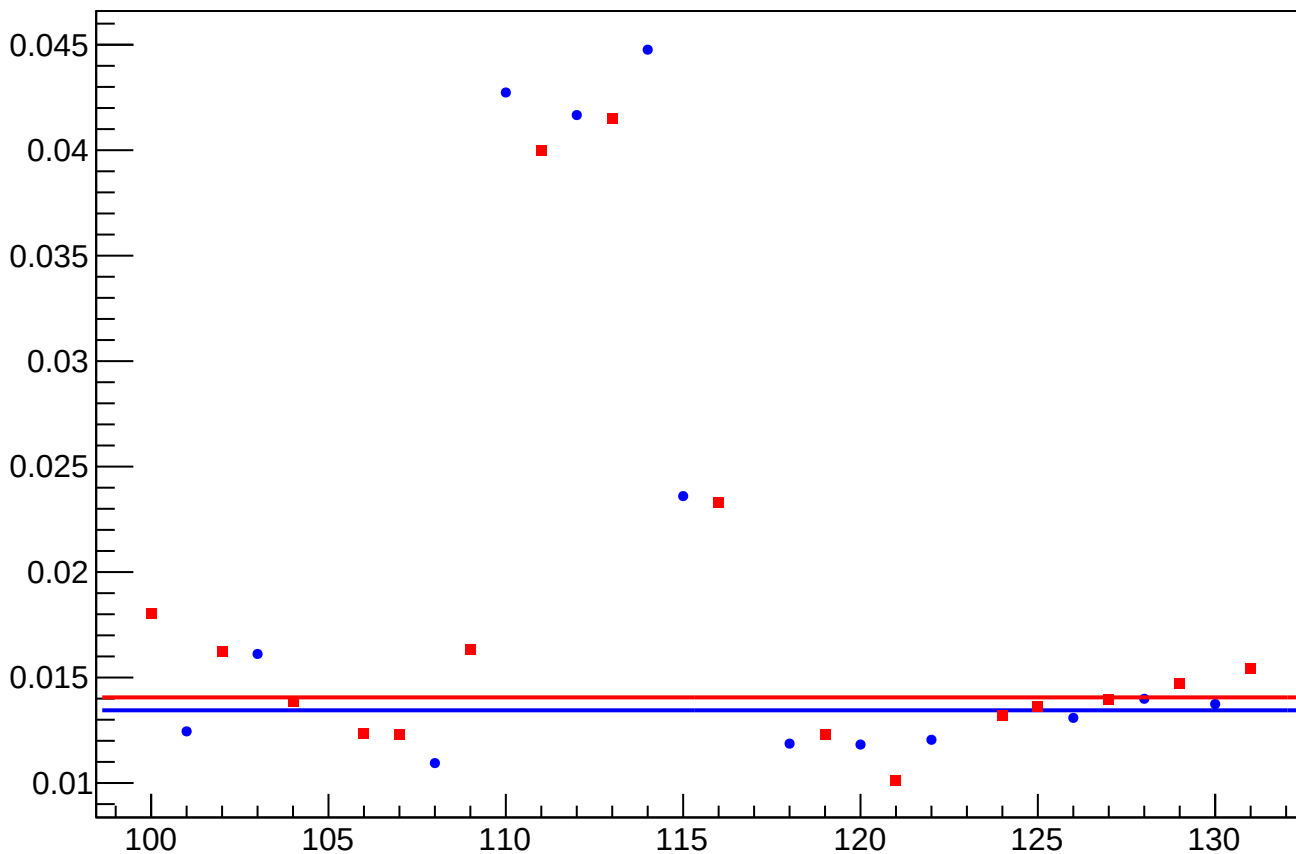
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.665+/-0.000 χ^2/NDF : 10675394502.4/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4eY_rms vs Slug



Right In: 0.013 $\pm$ 0.000 χ^2 /NDF: 1006475.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.014 $\pm$ 0.000 χ^2 /NDF: 1039381.8/15

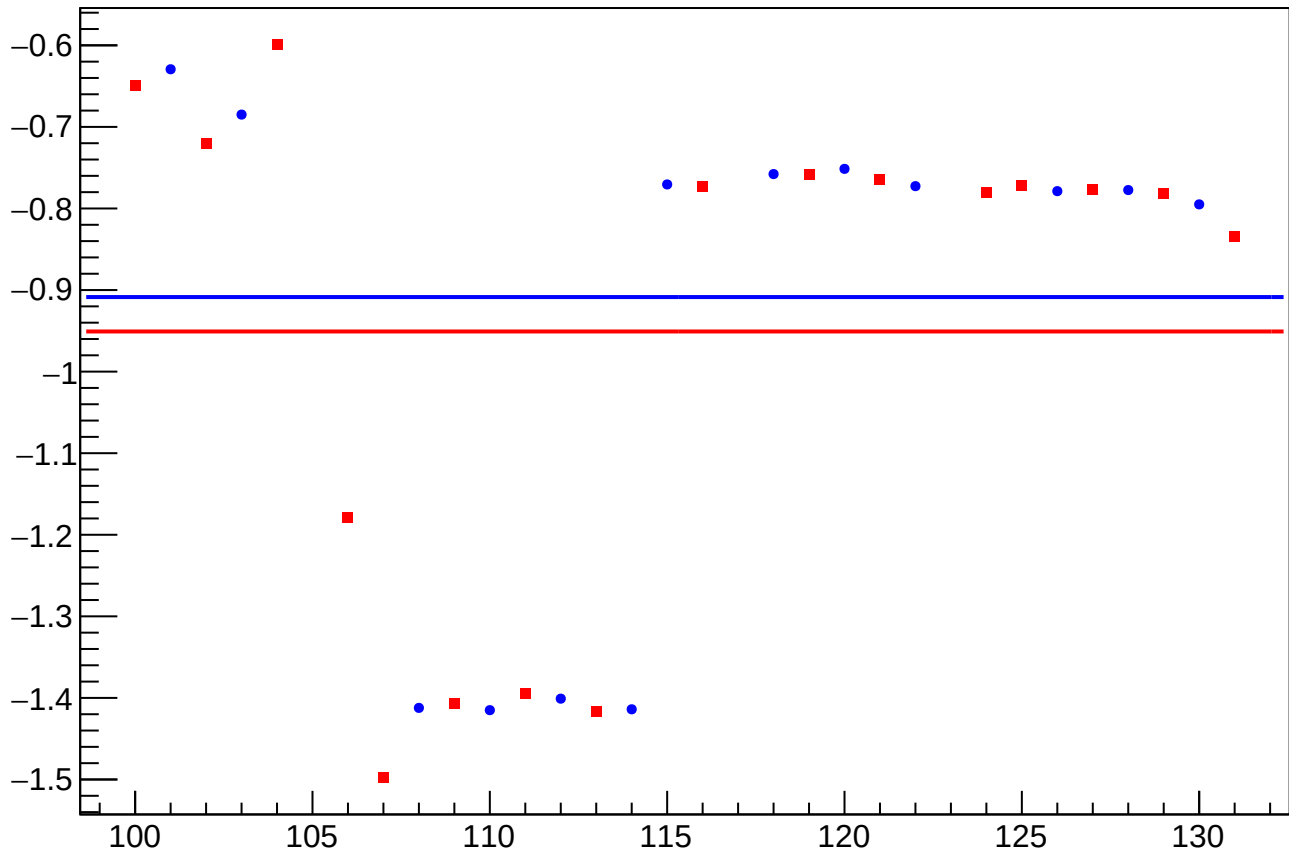
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.000 χ^2 /NDF: 2055659.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm4acX_mean vs Slug



Right In: -0.909+/-0.000 χ^2/NDF : 586143077.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.951+/-0.000 χ^2/NDF : 670743512.1/15

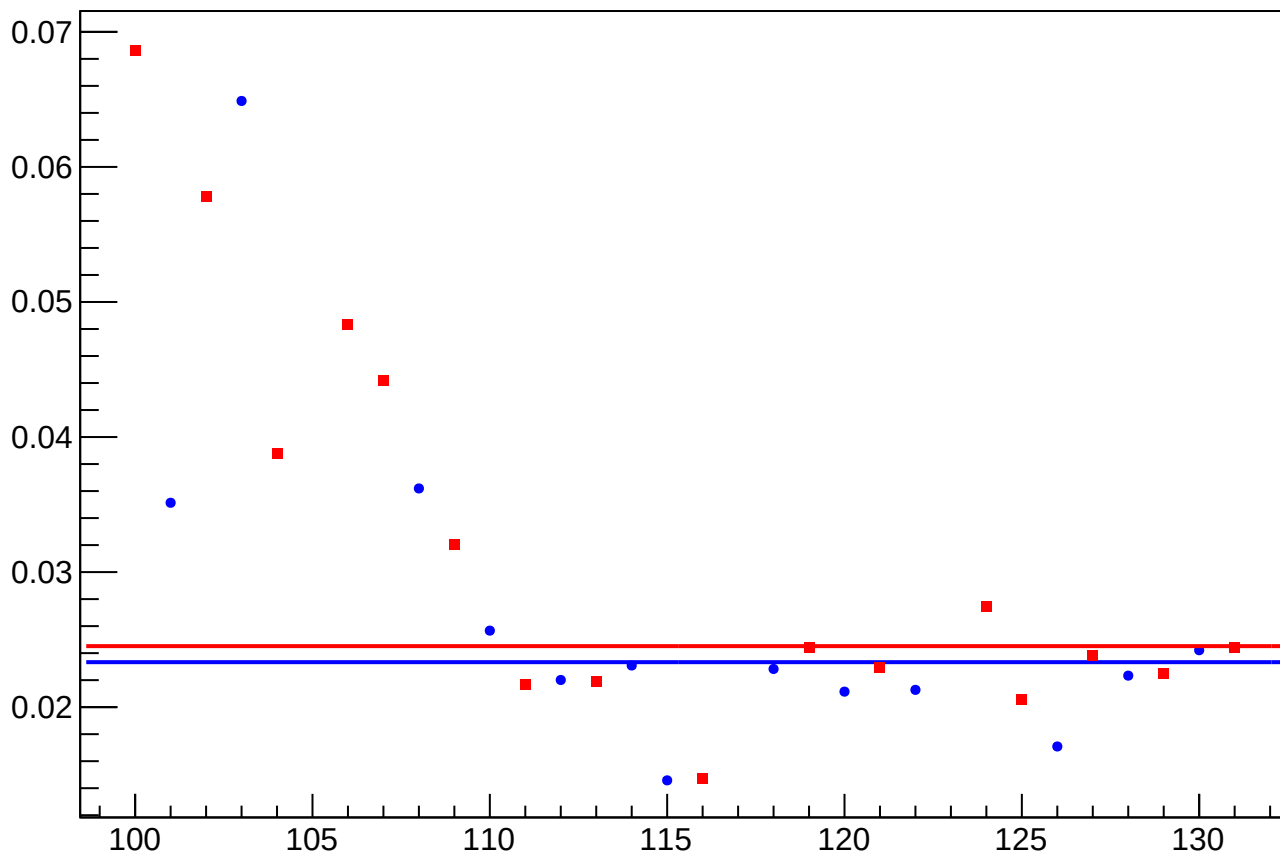
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.930+/-0.000 χ^2/NDF : 1263836851.2/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4acX_rms vs Slug



Right In: 0.023 $\pm$ 0.000 χ^2 /NDF: 851284.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.025 $\pm$ 0.000 χ^2 /NDF: 1018690.8/15

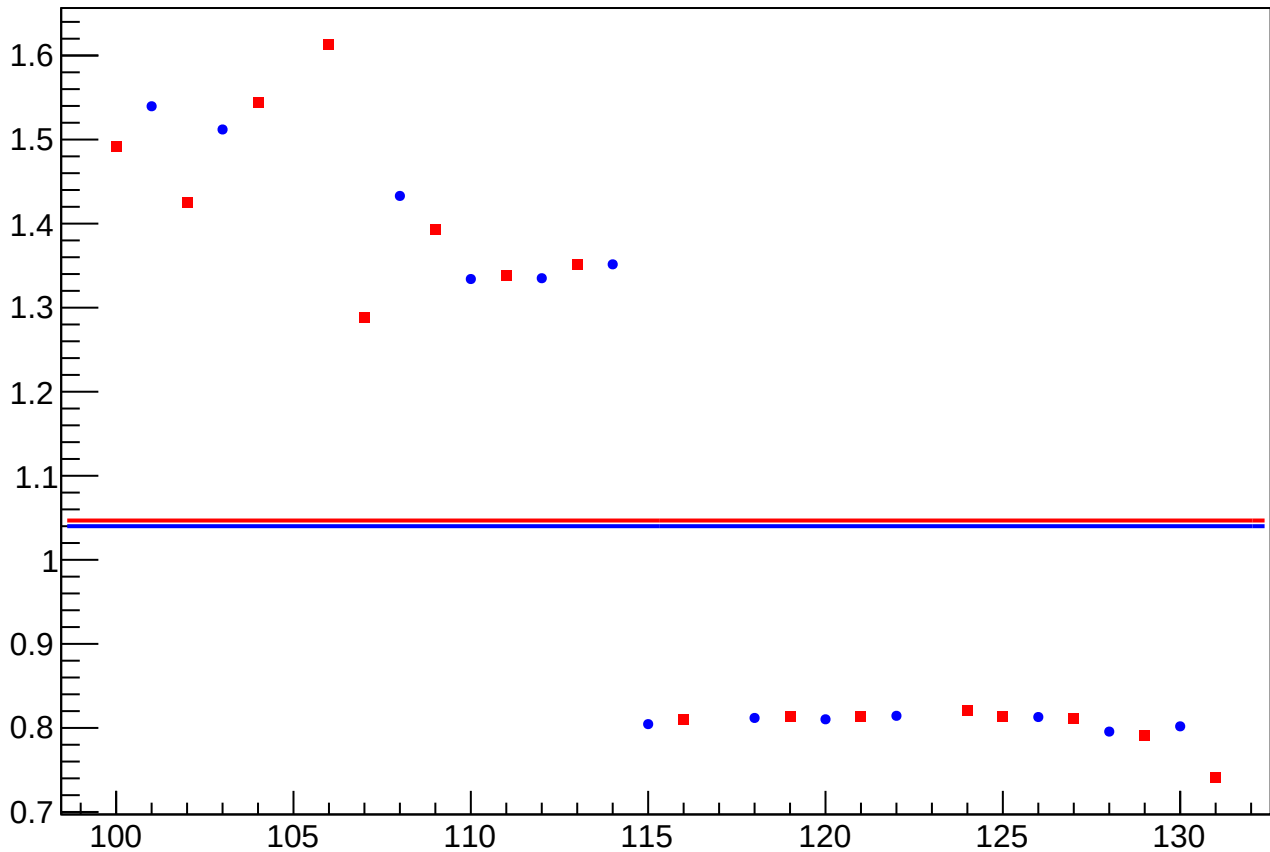
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.024 $\pm$ 0.000 χ^2 /NDF: 1880982.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm4acY_mean vs Slug



Right In: 1.040+/-0.000 χ^2/NDF : 1788540469.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.047+/-0.000 χ^2/NDF : 1959680273.3/15

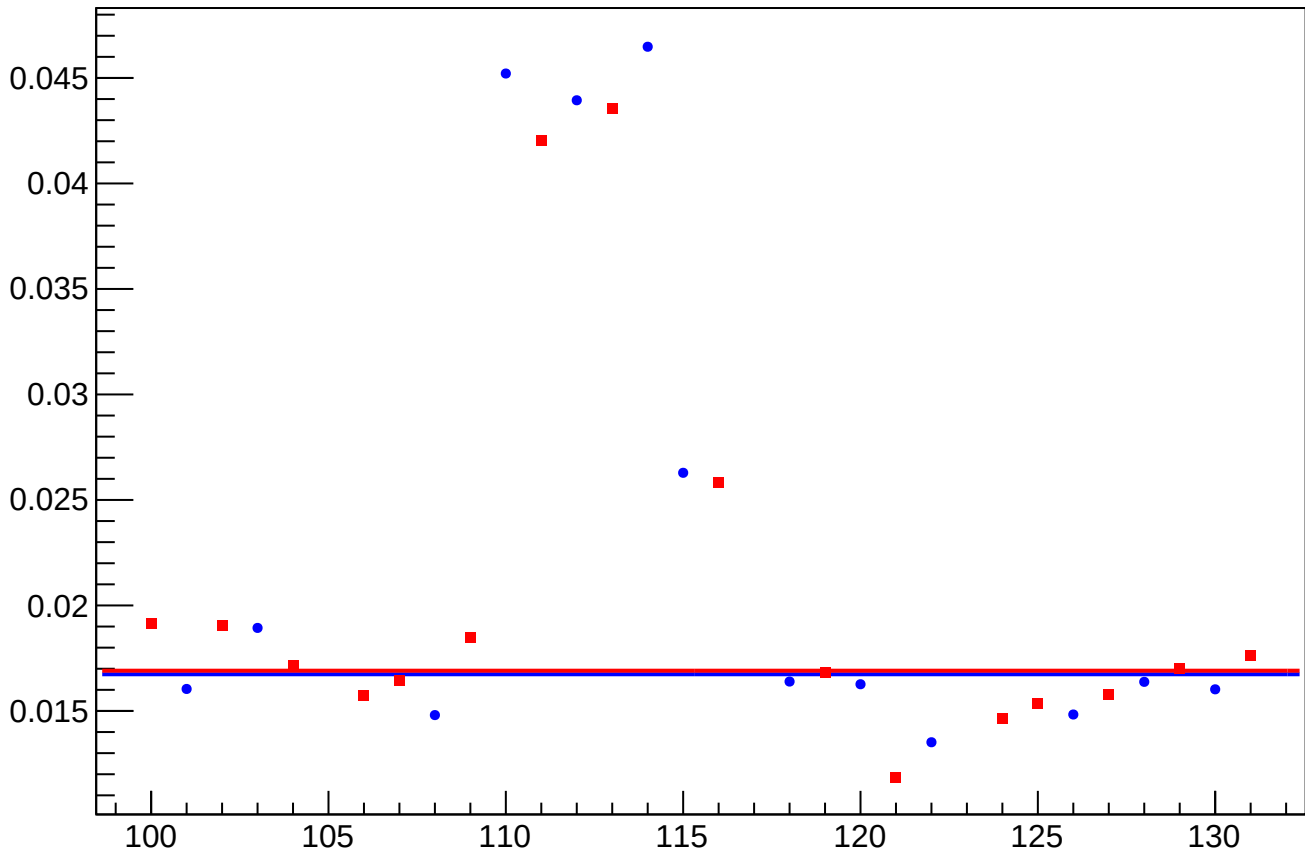
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.044+/-0.000 χ^2/NDF : 3748627301.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4acY_rms vs Slug



Right In: 0.017+/-0.000 χ^2/NDF : 835084.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.000 χ^2/NDF : 894957.2/15

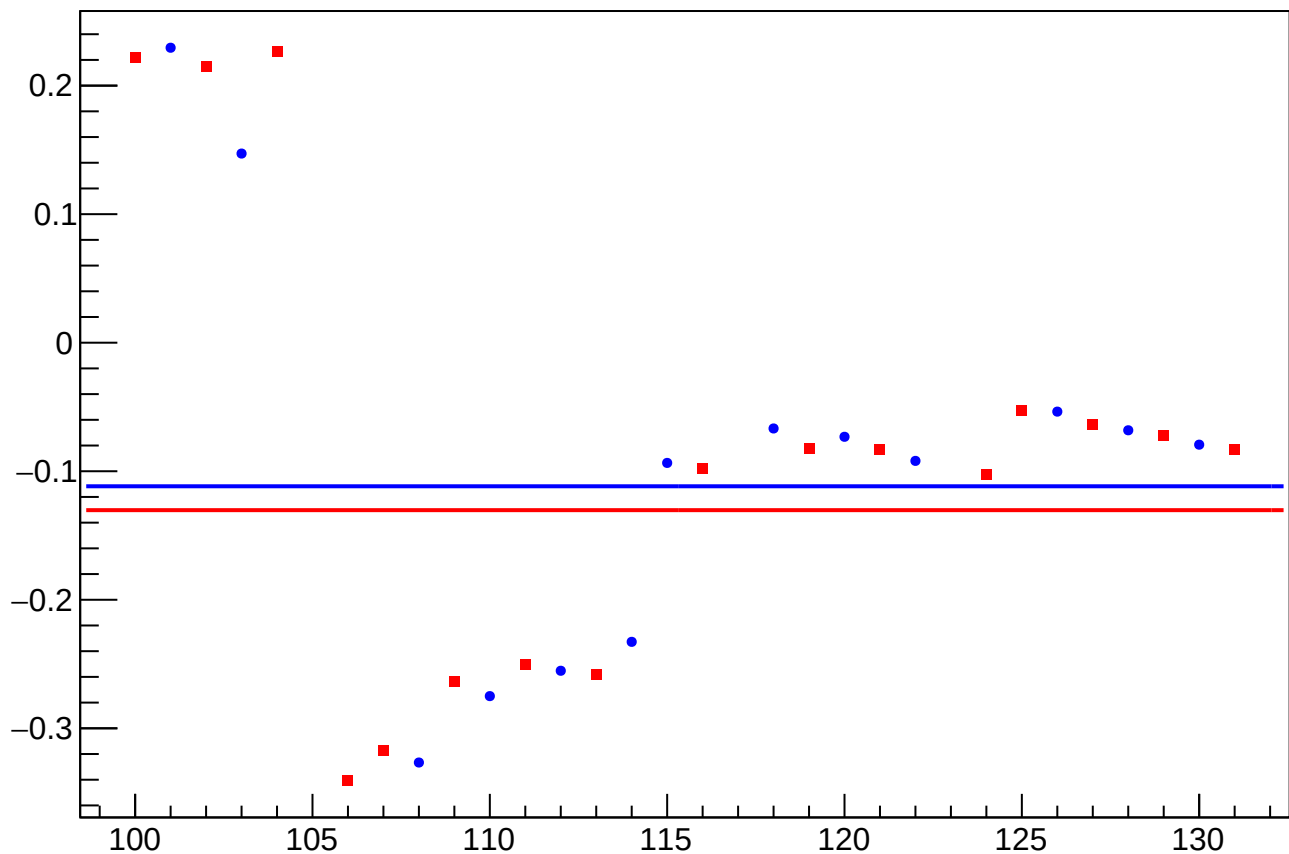
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 1730552.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4ecX_mean vs Slug



Right In: -0.112 ± 0.000 $\chi^2/\text{NDF}: 130687941.4/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

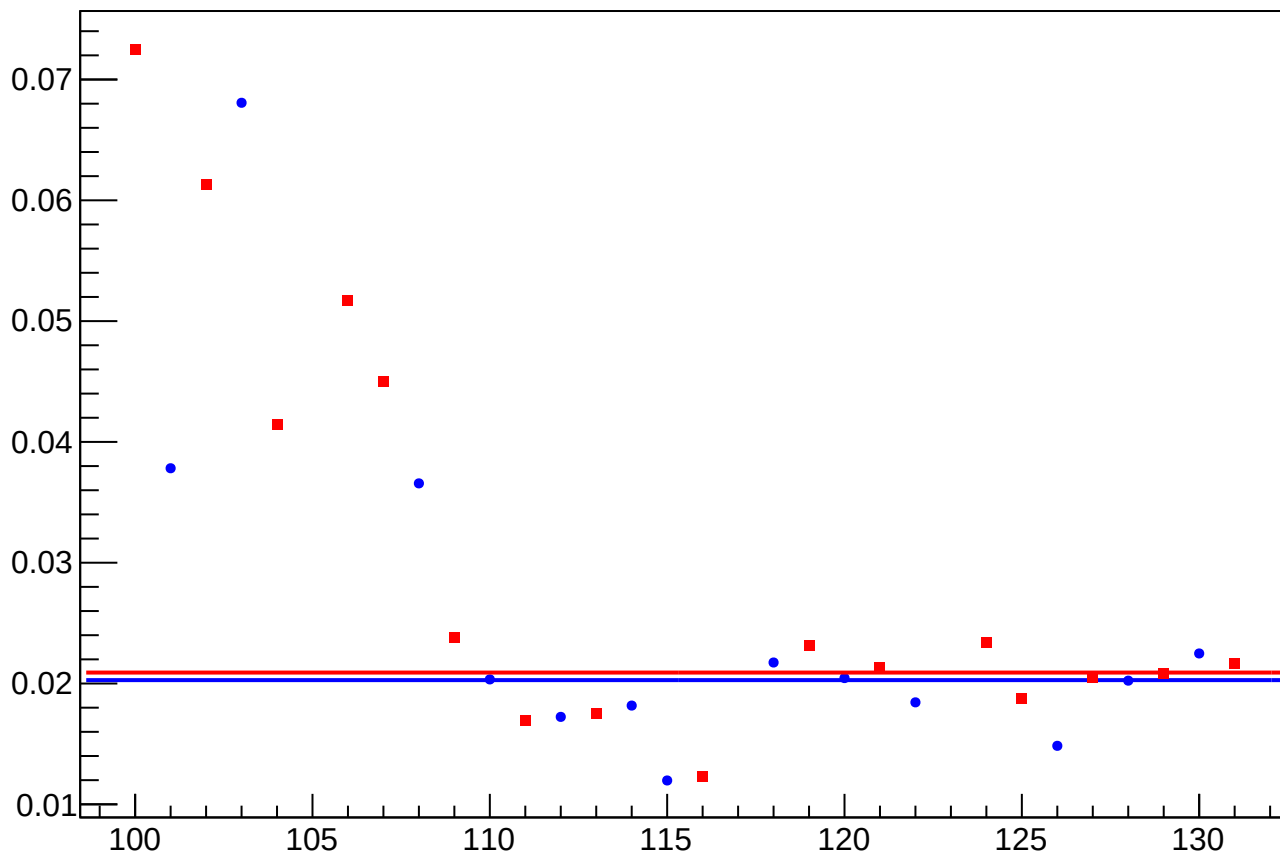
Right Out: -0.130 ± 0.000 $\chi^2/\text{NDF}: 132144075.1/15$

All: -0.121 ± 0.000 $\chi^2/\text{NDF}: 264593794.1/28$

- 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_bpm4ecX_rms vs Slug



Right In: 0.020+/-0.000 χ^2/NDF : 1157688.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.000 χ^2/NDF : 1354639.2/15

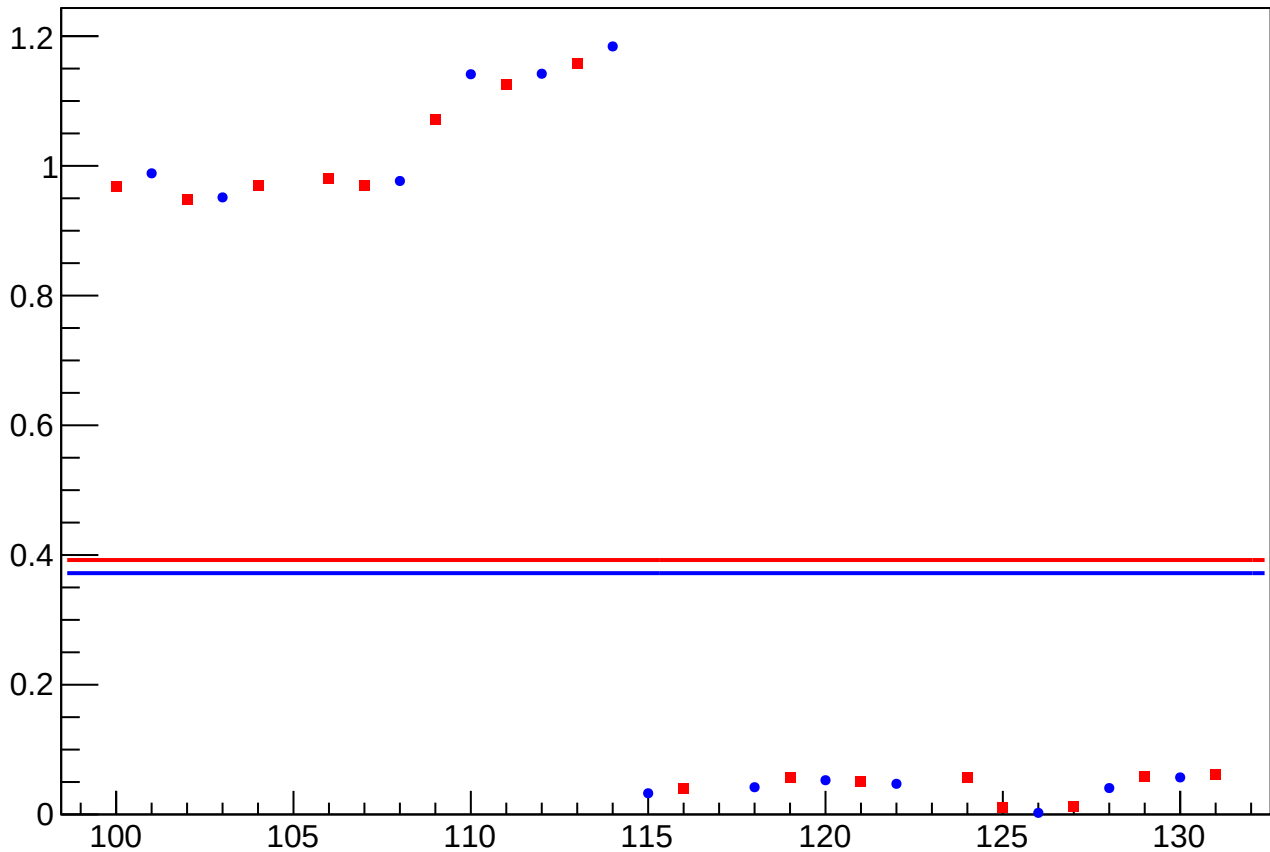
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.000 χ^2/NDF : 2516325.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4ecY_mean vs Slug



Right In: 0.372+/-0.000 χ^2/NDF : 5334343198.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.392+/-0.000 χ^2/NDF : 5658558385.7/15

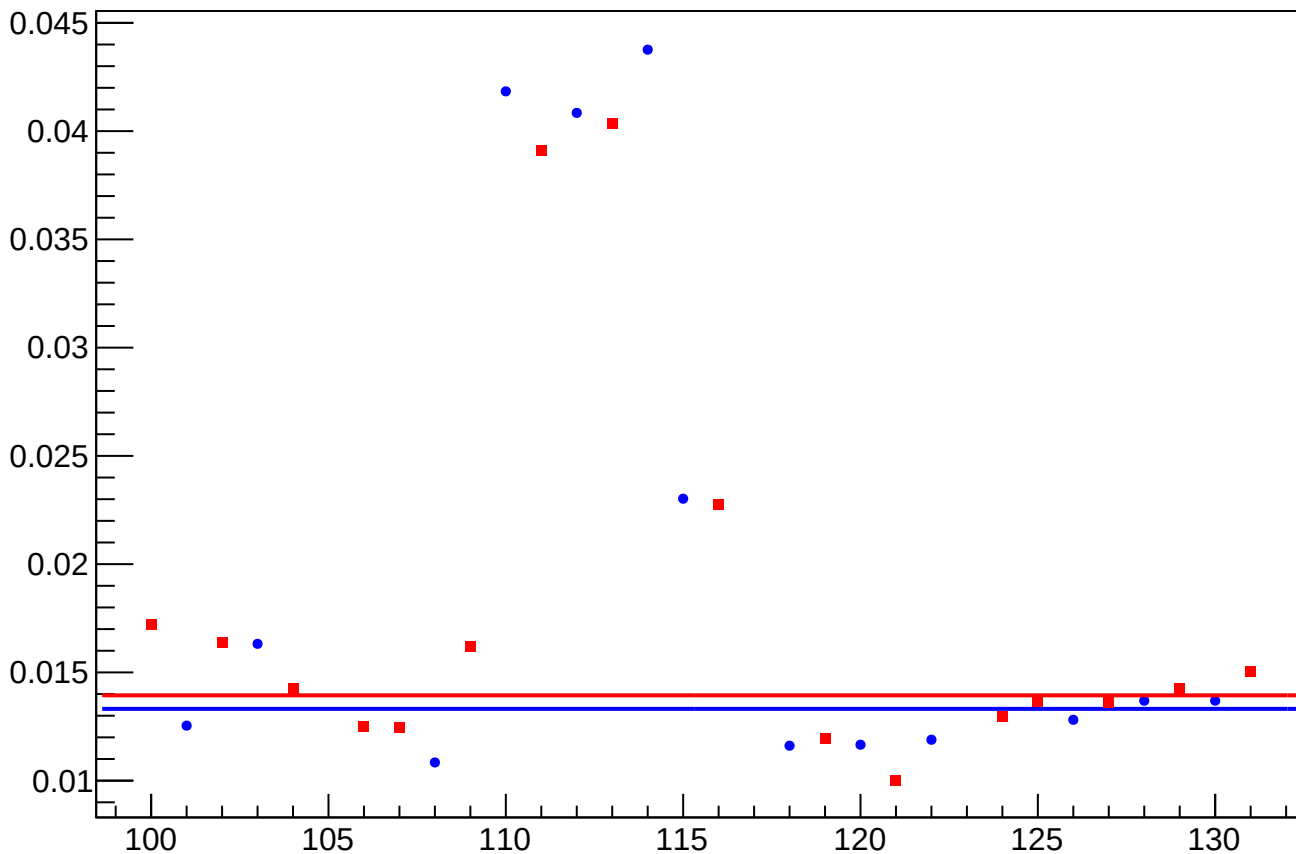
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.382+/-0.000 χ^2/NDF : 10998351360.9/26

- 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 : 1006649.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1029020.8/15

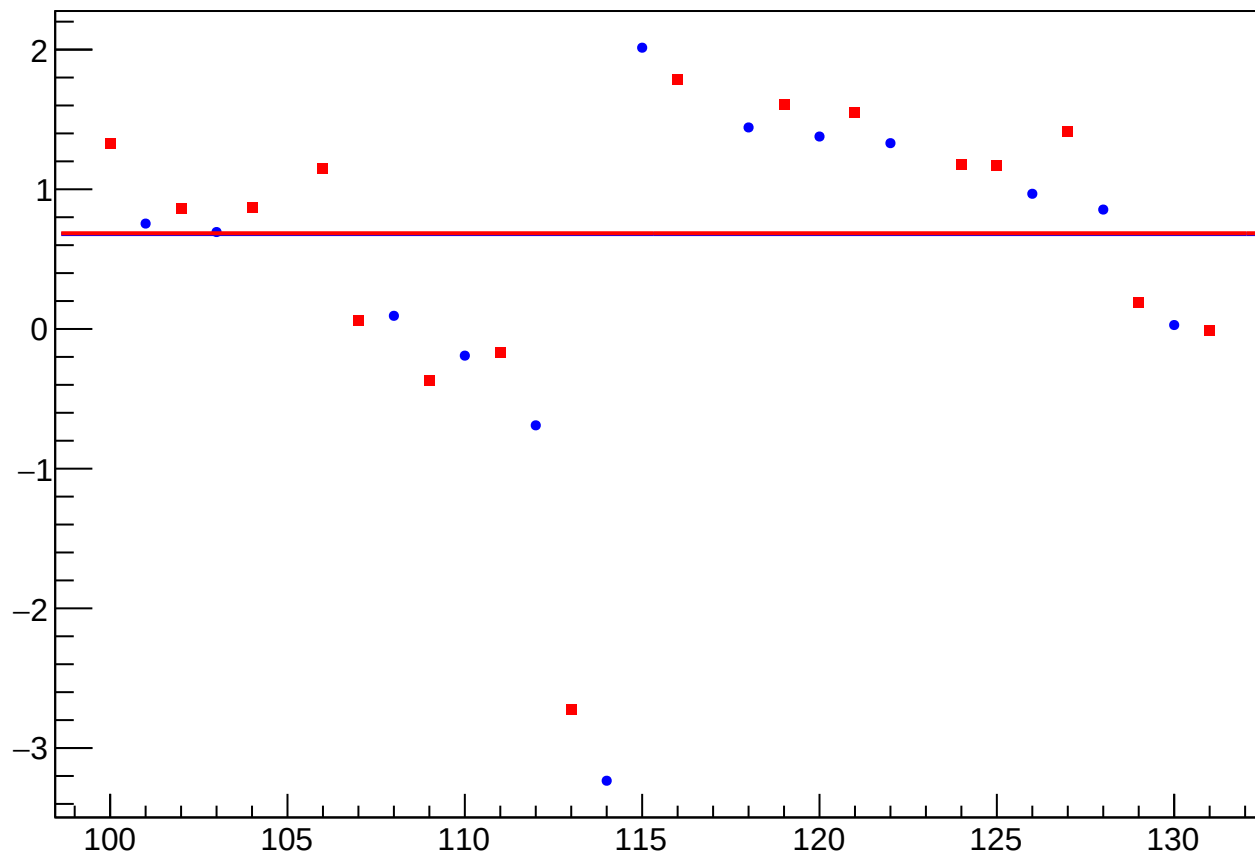
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 2046076.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1X_mean vs Slug



Right In: 0.679+/-0.000 χ^2/NDF : 400025806.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.685+/-0.000 χ^2/NDF : 1105544057.2/15

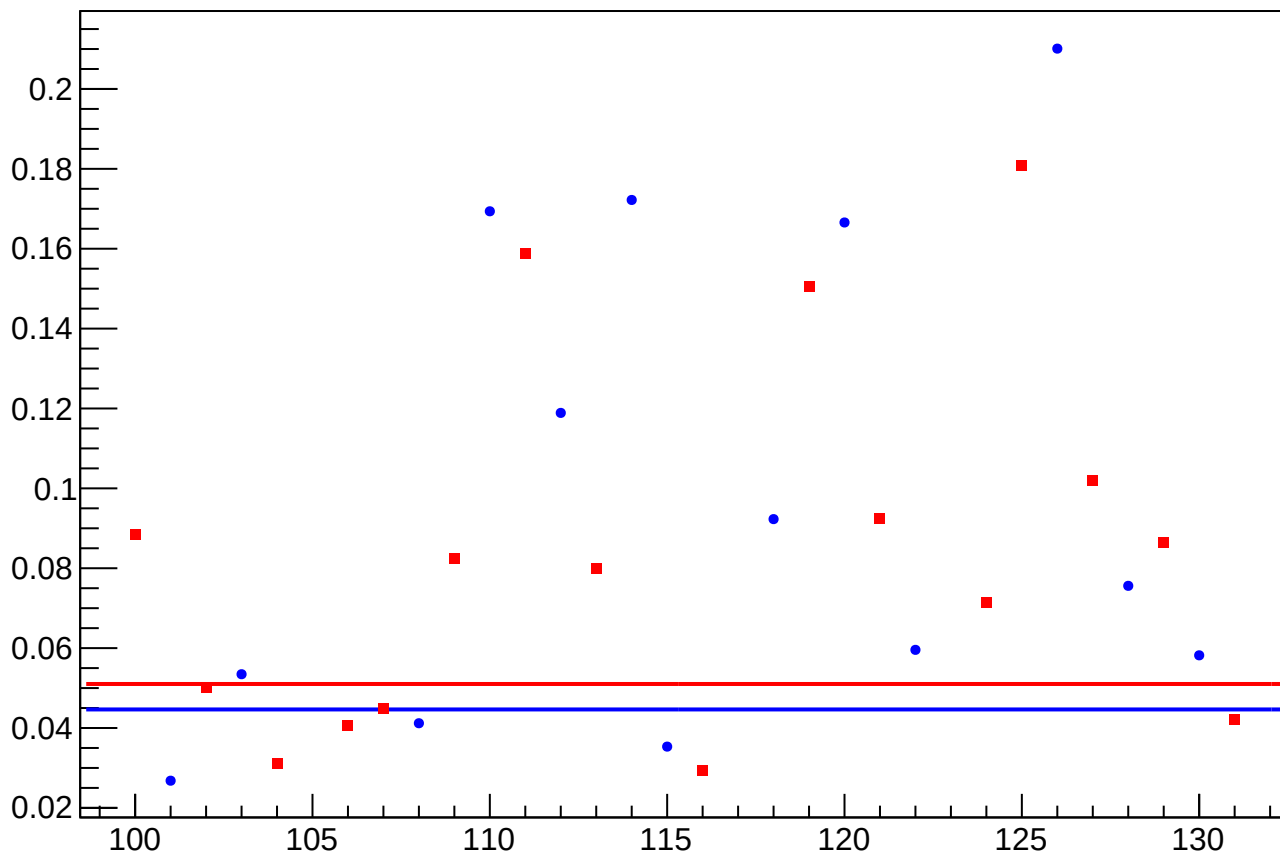
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.682+/-0.000 χ^2/NDF : 1505595734.3/28

- 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 : 2562133.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.051+/-0.000 χ^2/NDF : 2297416.9/15

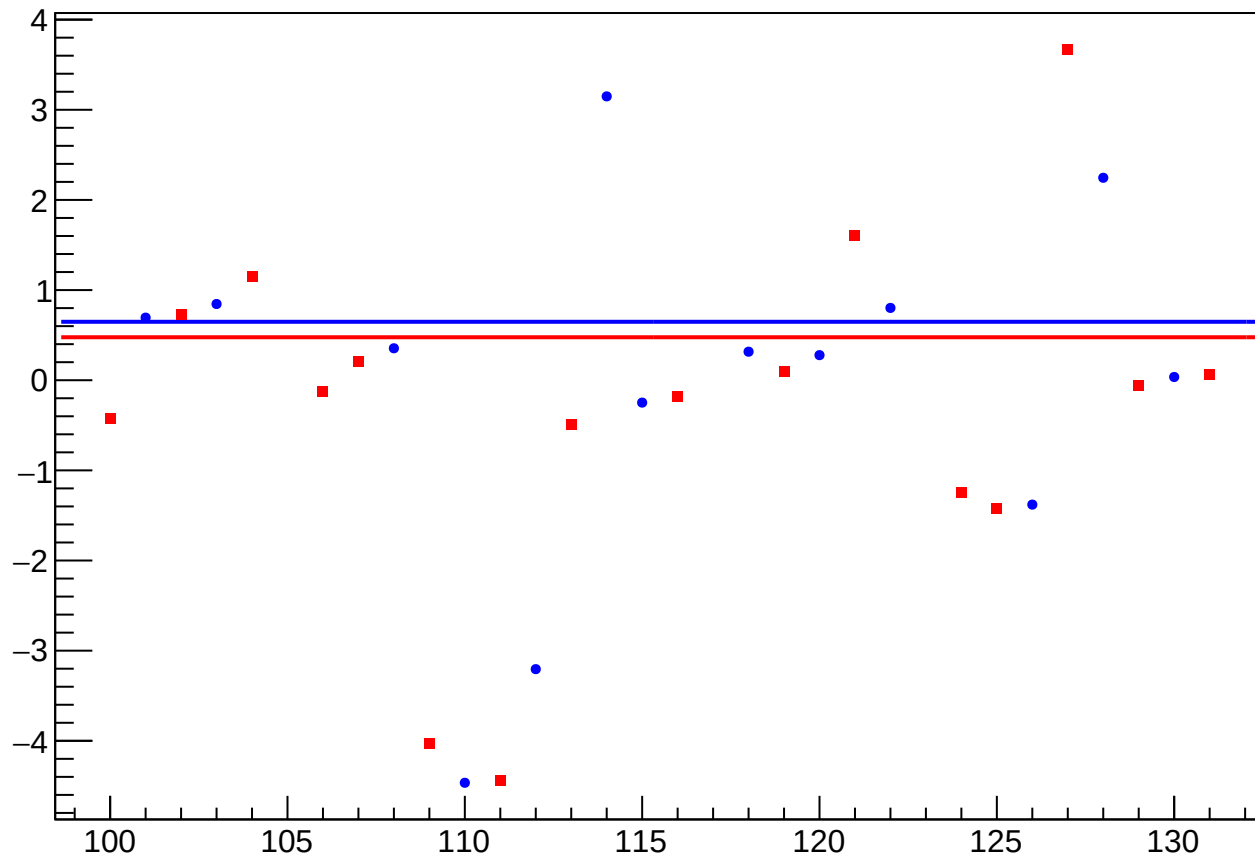
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.048+/-0.000 χ^2/NDF : 4919334.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1Y_mean vs Slug



Right In: 0.648+/-0.000 χ^2/NDF : 1746563132.1/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.477+/-0.000 χ^2/NDF : 4476748326.3/15

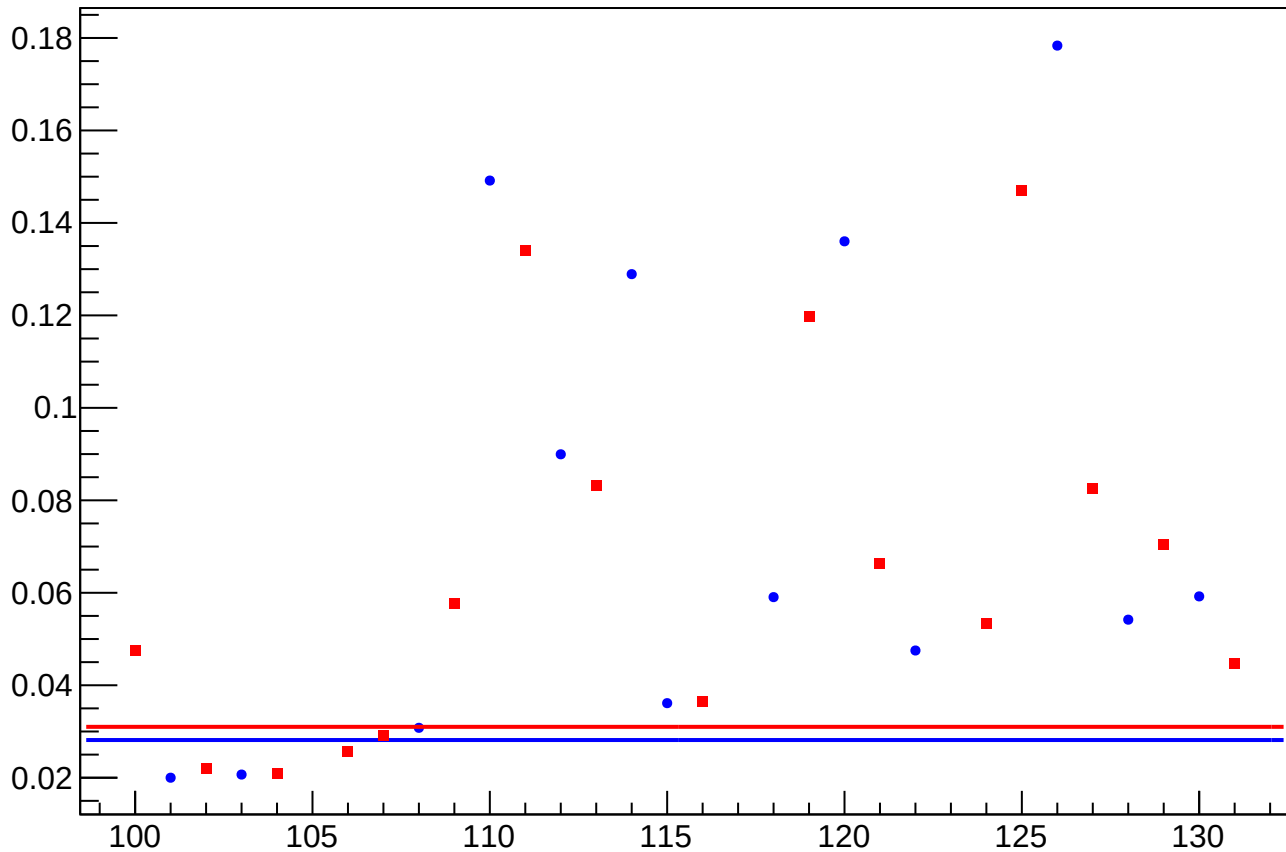
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.563+/-0.000 χ^2/NDF : 6276476244.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1Y_rms vs Slug



Right In: 0.028 $\pm$ 0.000 χ^2 /NDF: 2879792.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.031 $\pm$ 0.000 χ^2 /NDF: 3067460.7/15

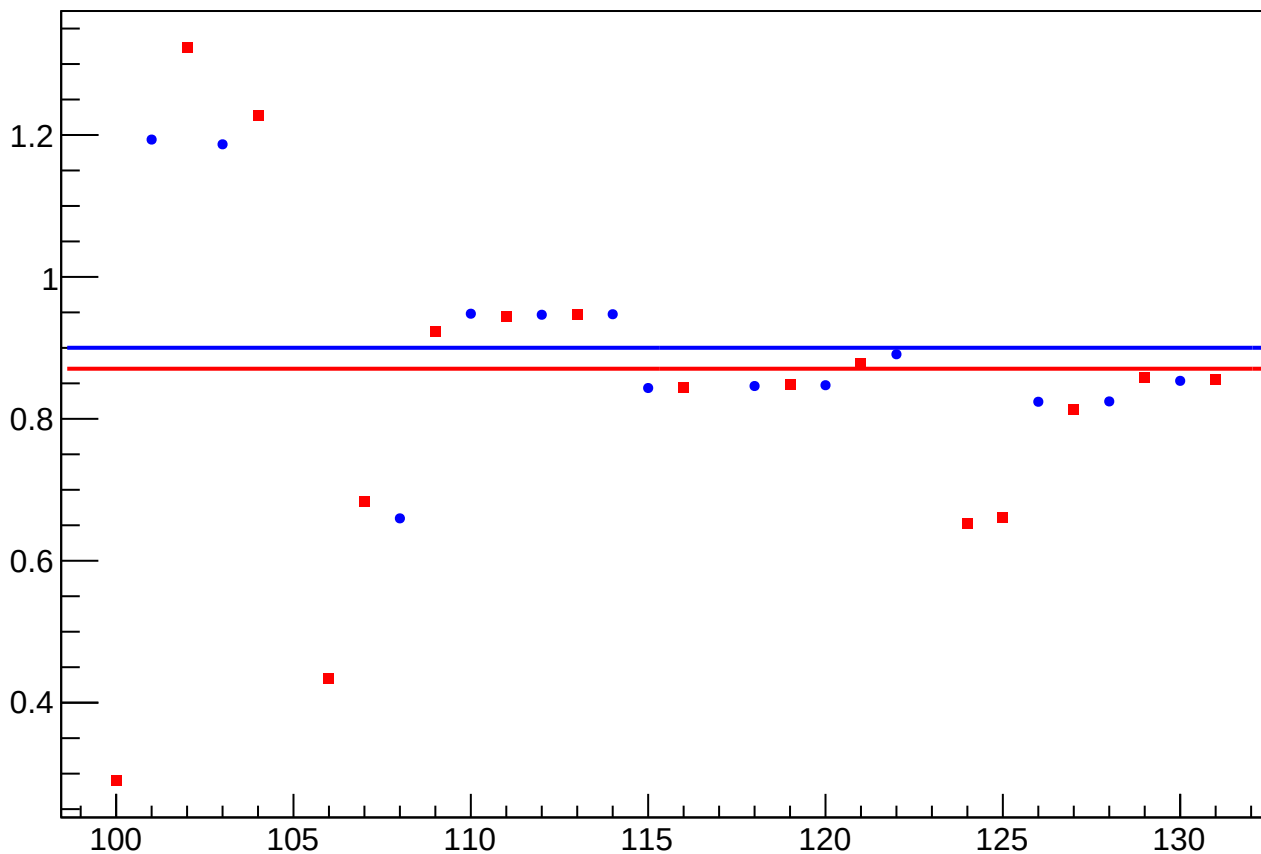
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.030 $\pm$ 0.000 χ^2 /NDF: 5976683.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm11X_mean vs Slug



Right In: 0.900 $\pm$ 0.000 χ^2 /NDF: 341303283.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.871 $\pm$ 0.000 χ^2 /NDF: 602671173.6/15

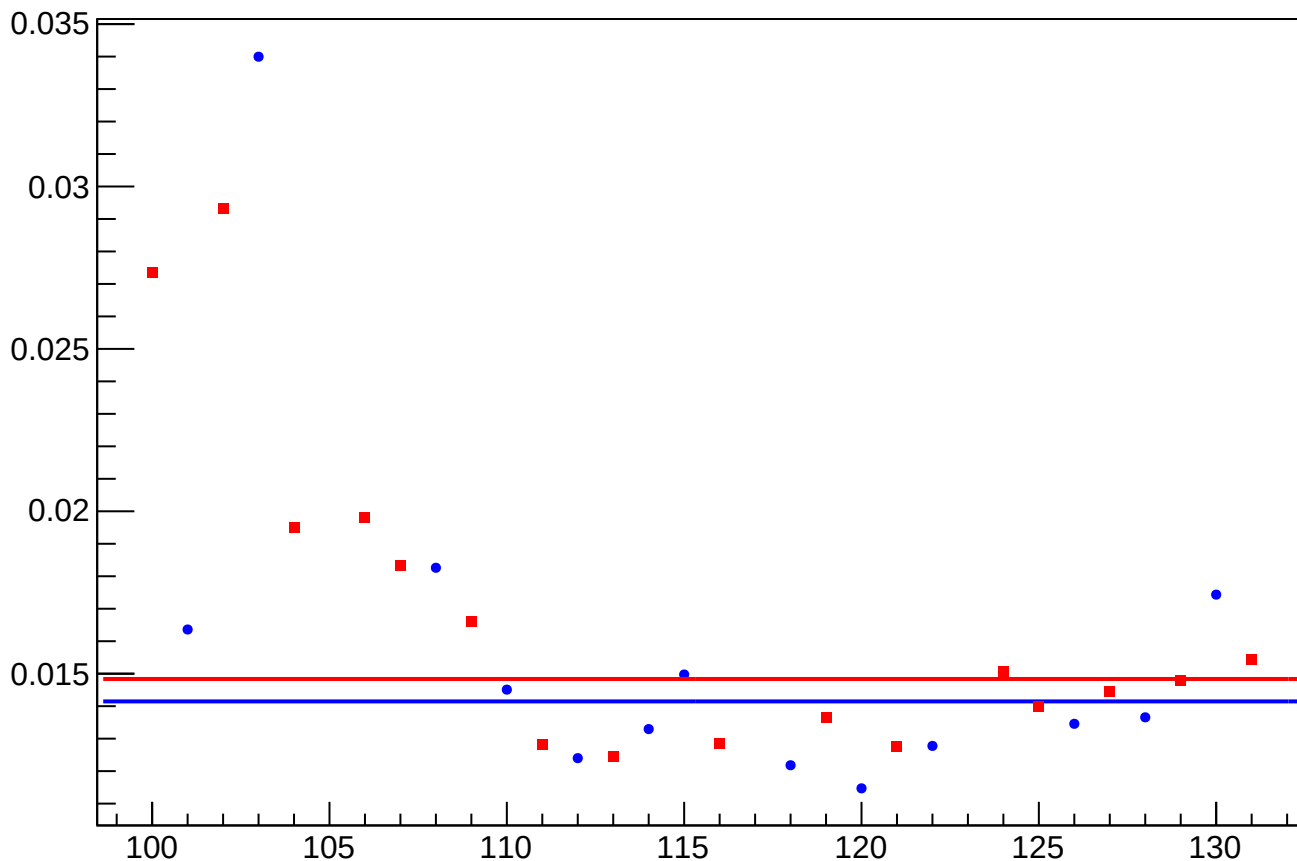
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.885 $\pm$ 0.000 χ^2 /NDF: 954378455.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm11X_rms vs Slug



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 566001.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.015 $\pm$ 0.000 χ^2 /NDF: 503632.8/15

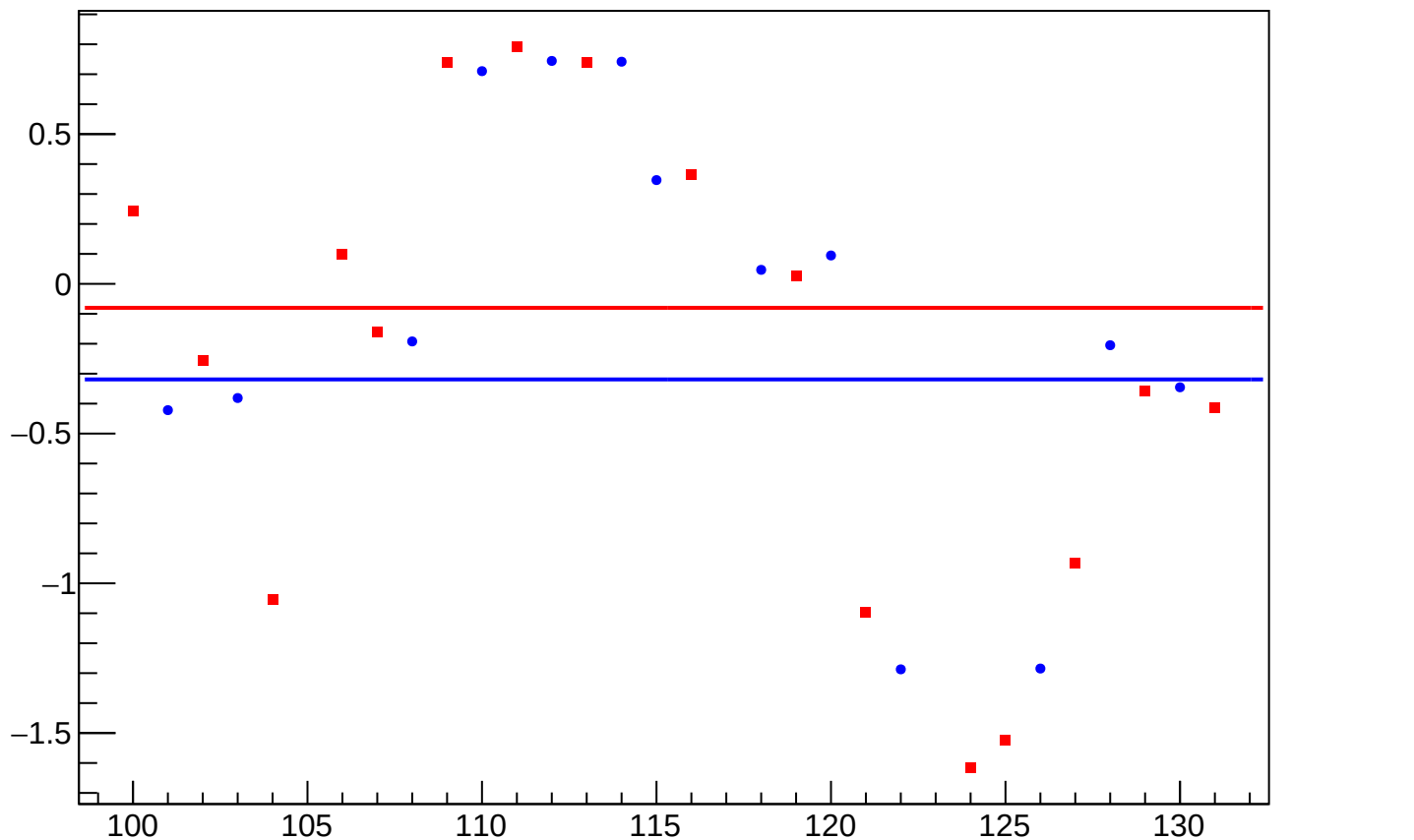
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.000 χ^2 /NDF: 1081010.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm11Y_mean vs Slug



Right In: -0.319+/-0.000 χ^2/NDF : 5442093621.9/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

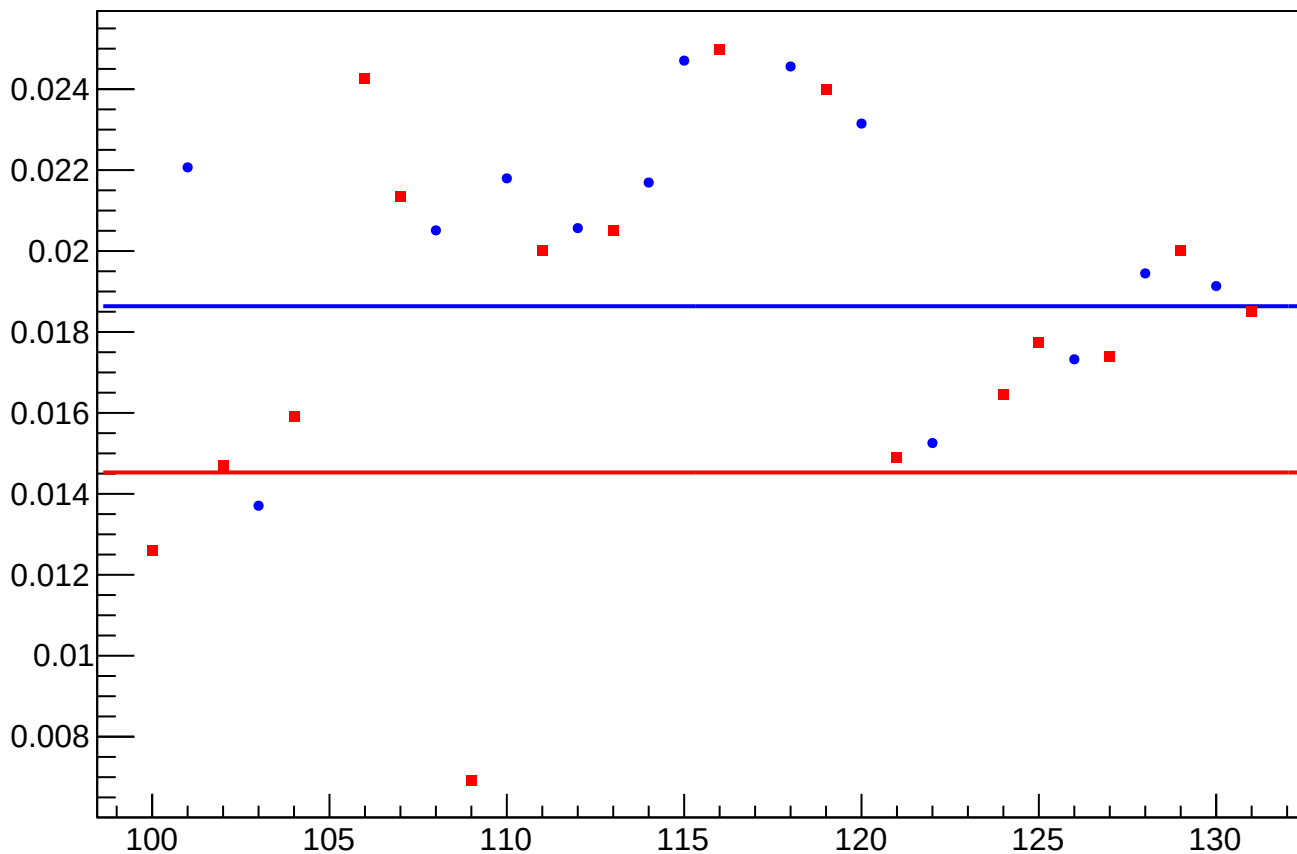
Right Out: -0.080+/-0.000 χ^2/NDF : 14637912023.1/15

All: -0.171+/-0.000 χ^2/NDF : 20580804373.2/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm11Y_rms vs Slug



Right In: 0.019+/-0.000 χ^2/NDF : 349984.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 1493215.8/15

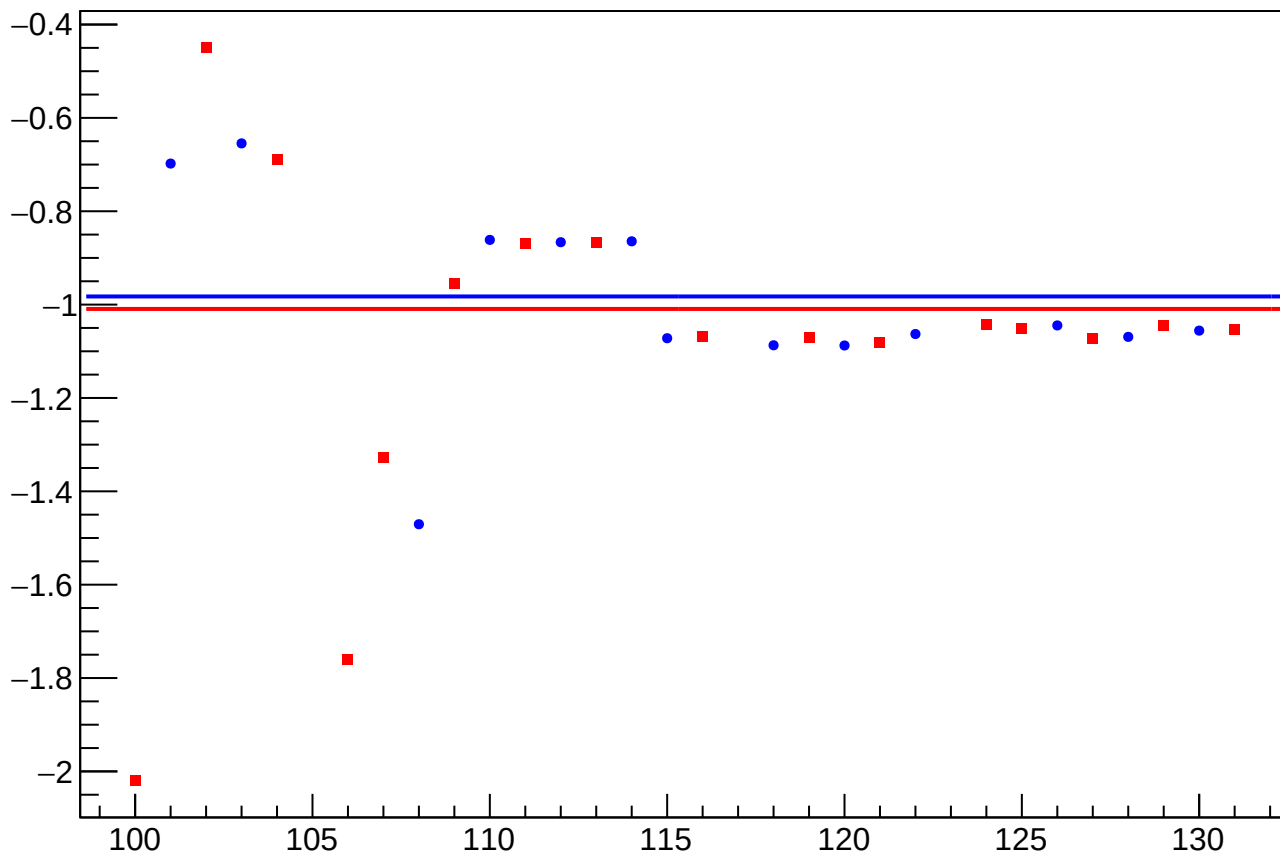
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 2138741.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm12X_mean vs Slug



Right In: -0.983+/-0.000 χ^2/NDF : 134949676.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.009+/-0.000 χ^2/NDF : 239398533.0/15

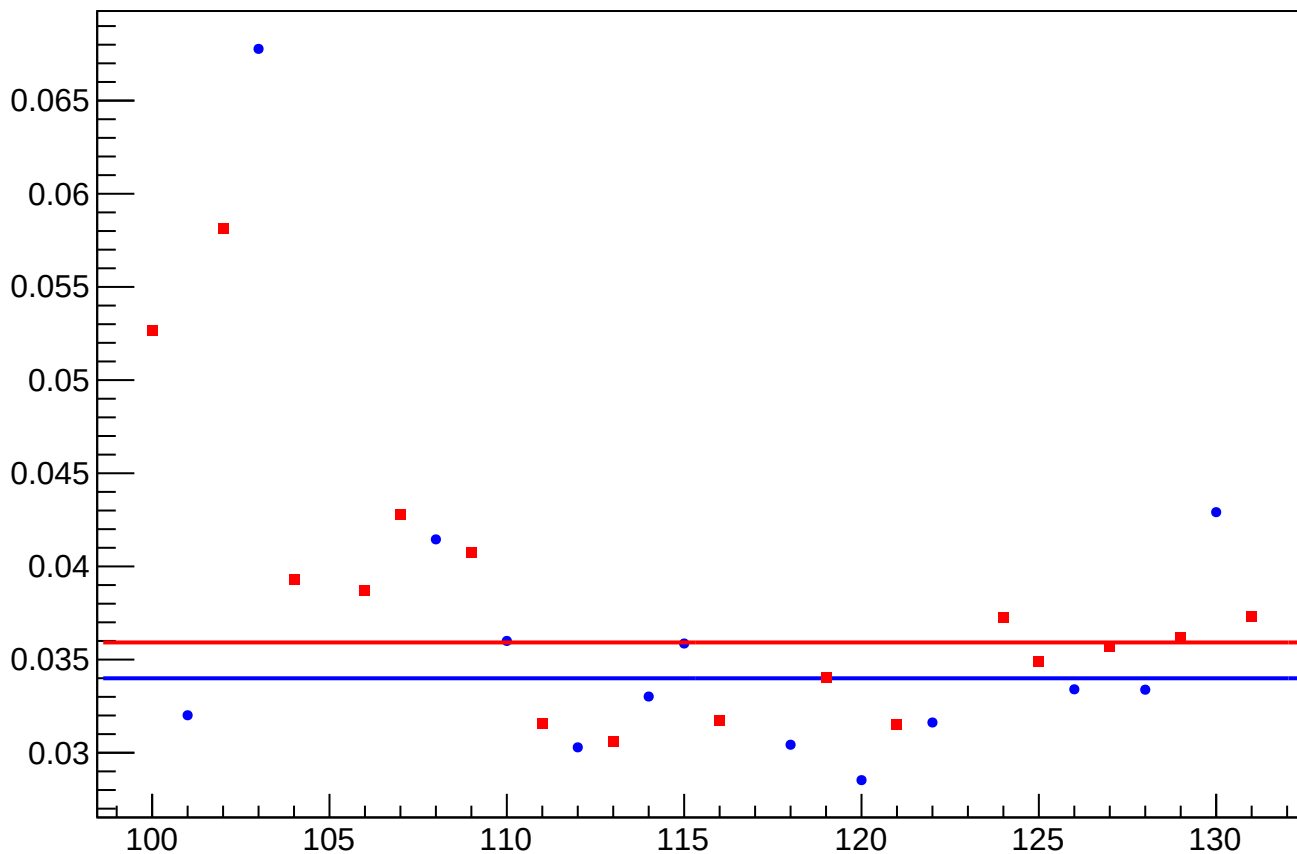
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.996+/-0.000 χ^2/NDF : 375831649.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm12X_rms vs Slug



Right In: 0.034 $\pm$ 0.000 χ^2 /NDF: 400241.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.036 $\pm$ 0.000 χ^2 /NDF: 275213.1/15

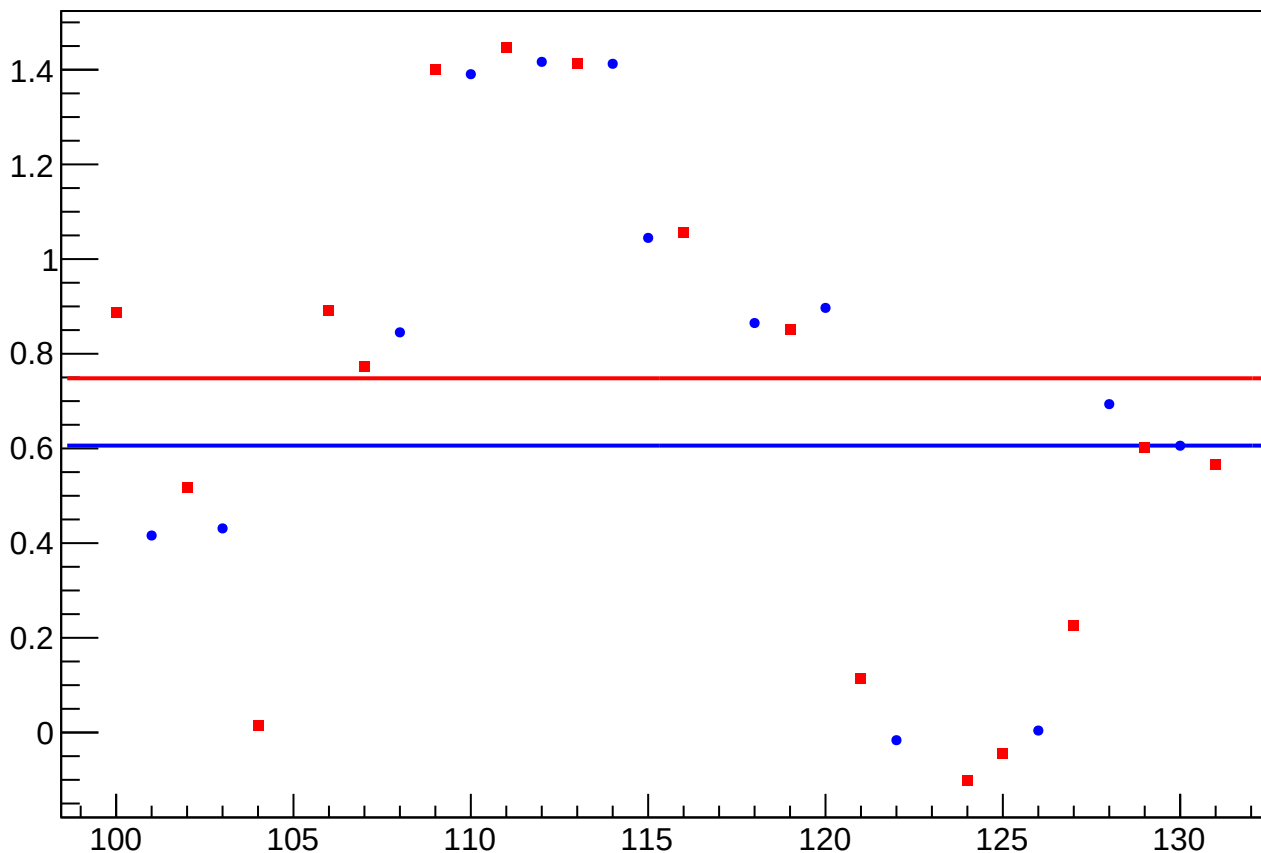
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.035 $\pm$ 0.000 χ^2 /NDF: 690804.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm12Y_mean vs Slug



Right In: 0.606+/-0.000 χ^2/NDF : 6292420791.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.748+/-0.000 χ^2/NDF : 13904268674.8/15

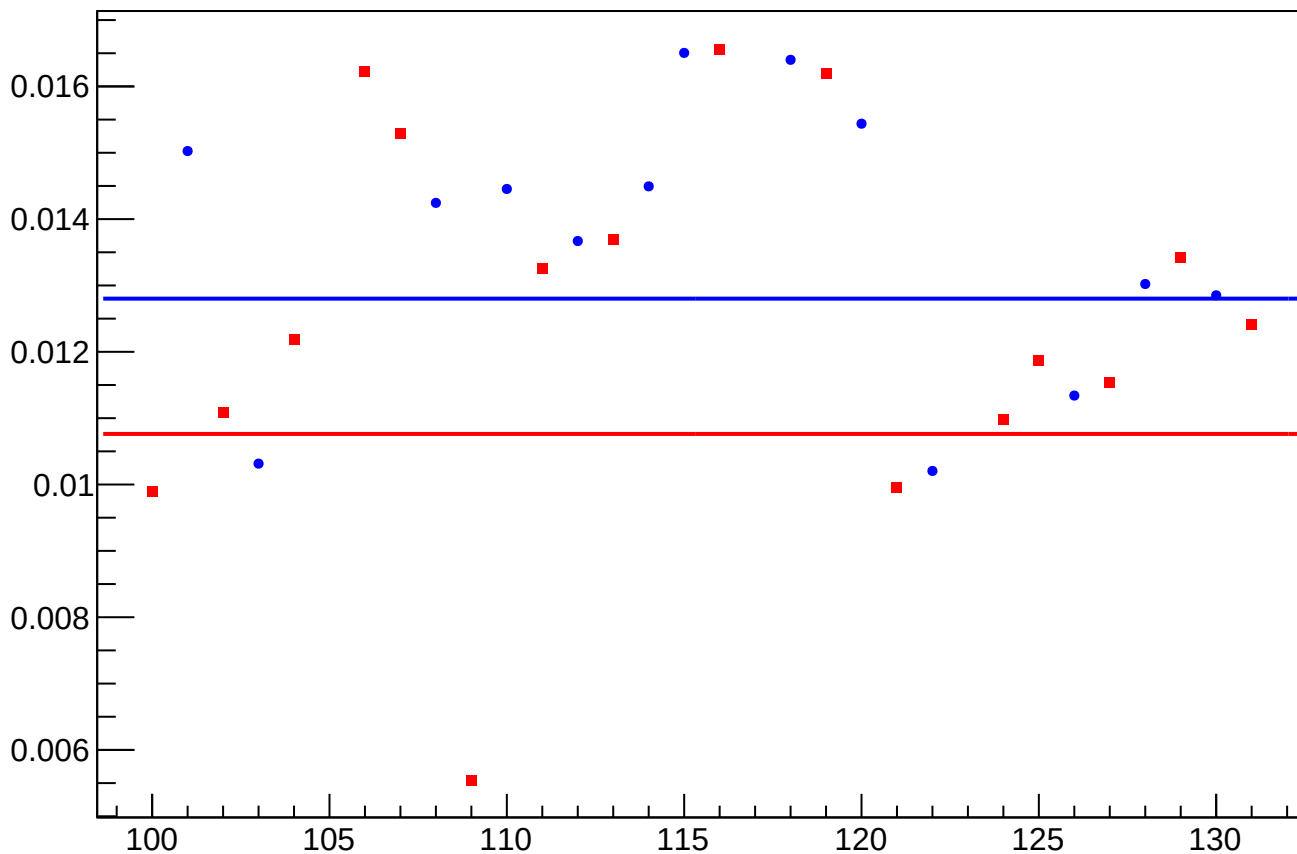
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.691+/-0.000 χ^2/NDF : 20559832461.7/2

- 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 : 258294.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 1012905.3/15

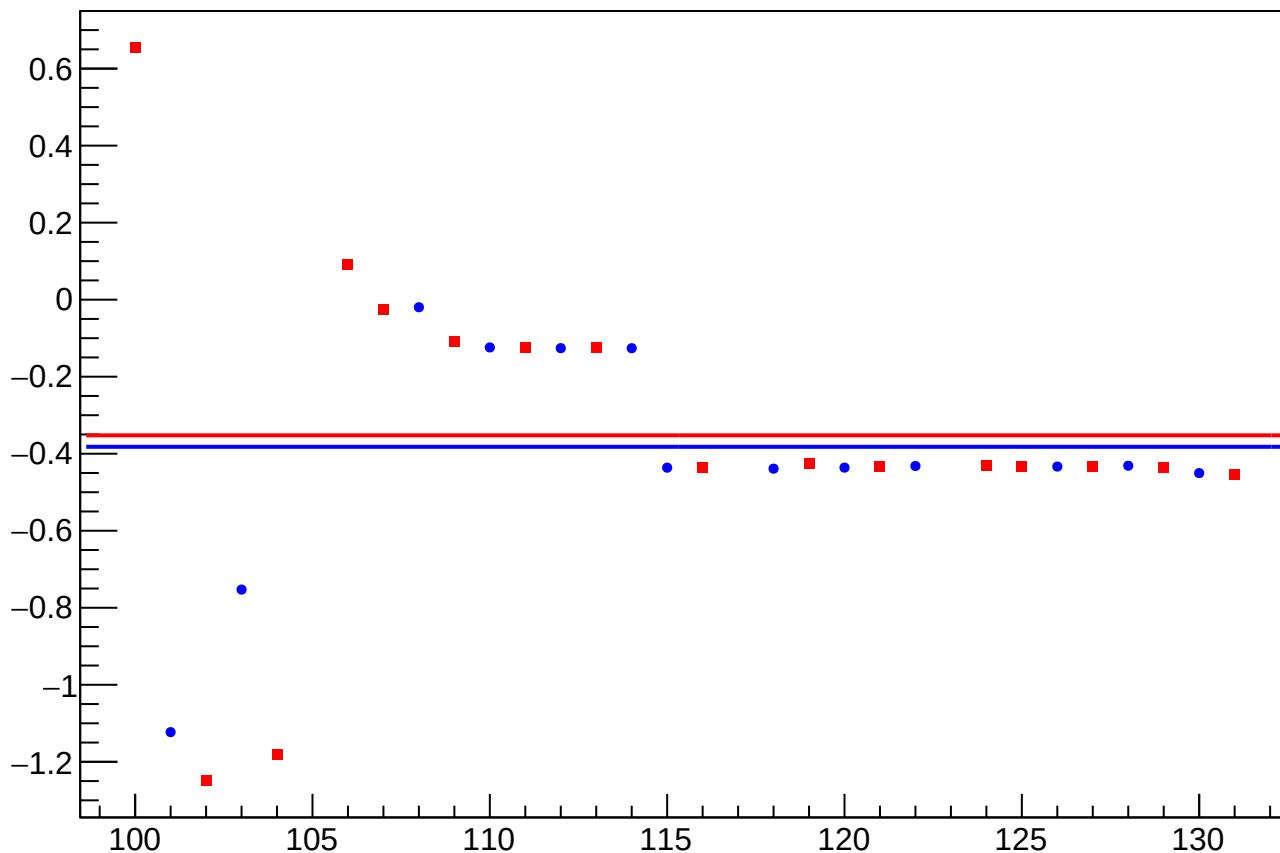
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 1420621.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm16X_mean vs Slug



Right In: -0.382+/-0.000 χ^2/NDF : 676706382.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.352+/-0.000 χ^2/NDF : 762194630.4/15

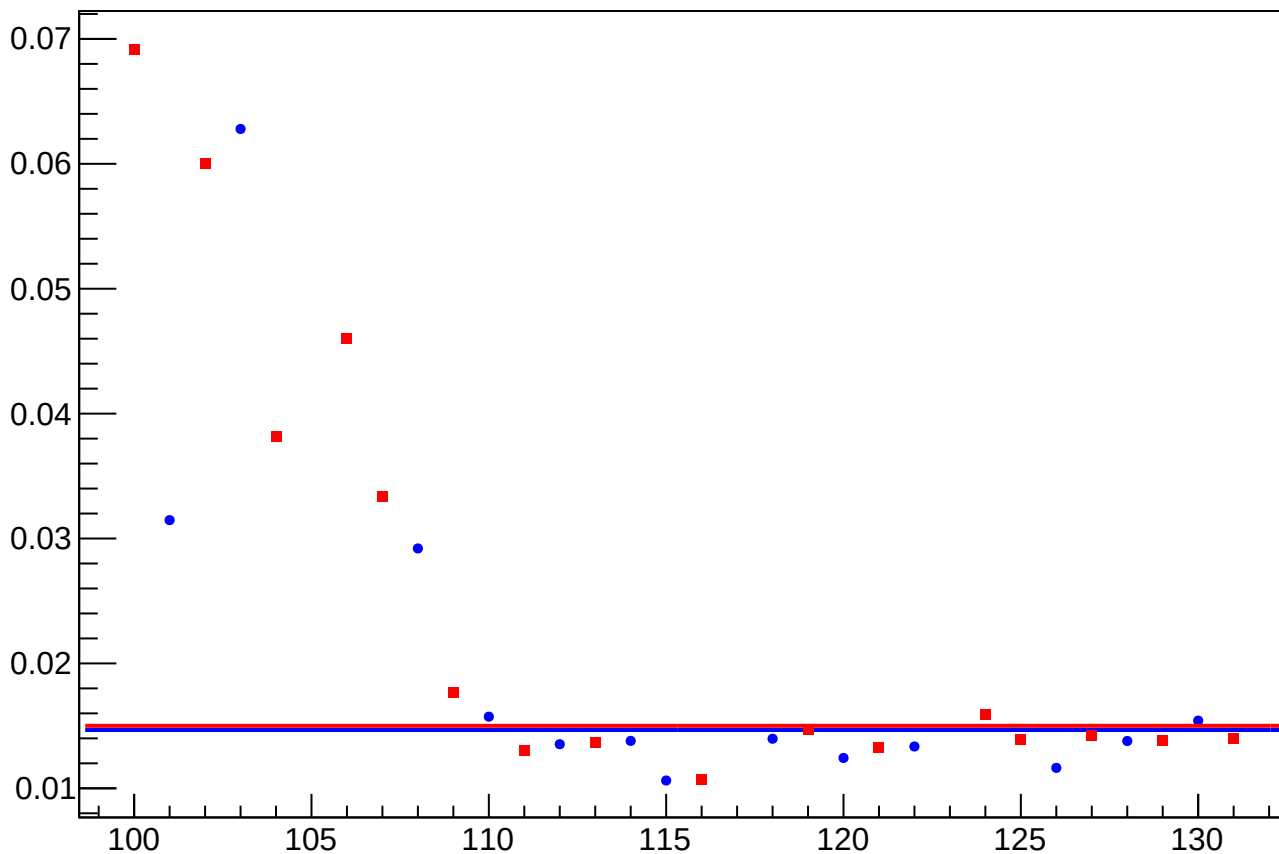
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.367+/-0.000 χ^2/NDF : 1447258423.8/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm16X_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF : 1215512.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 1480879.0/15

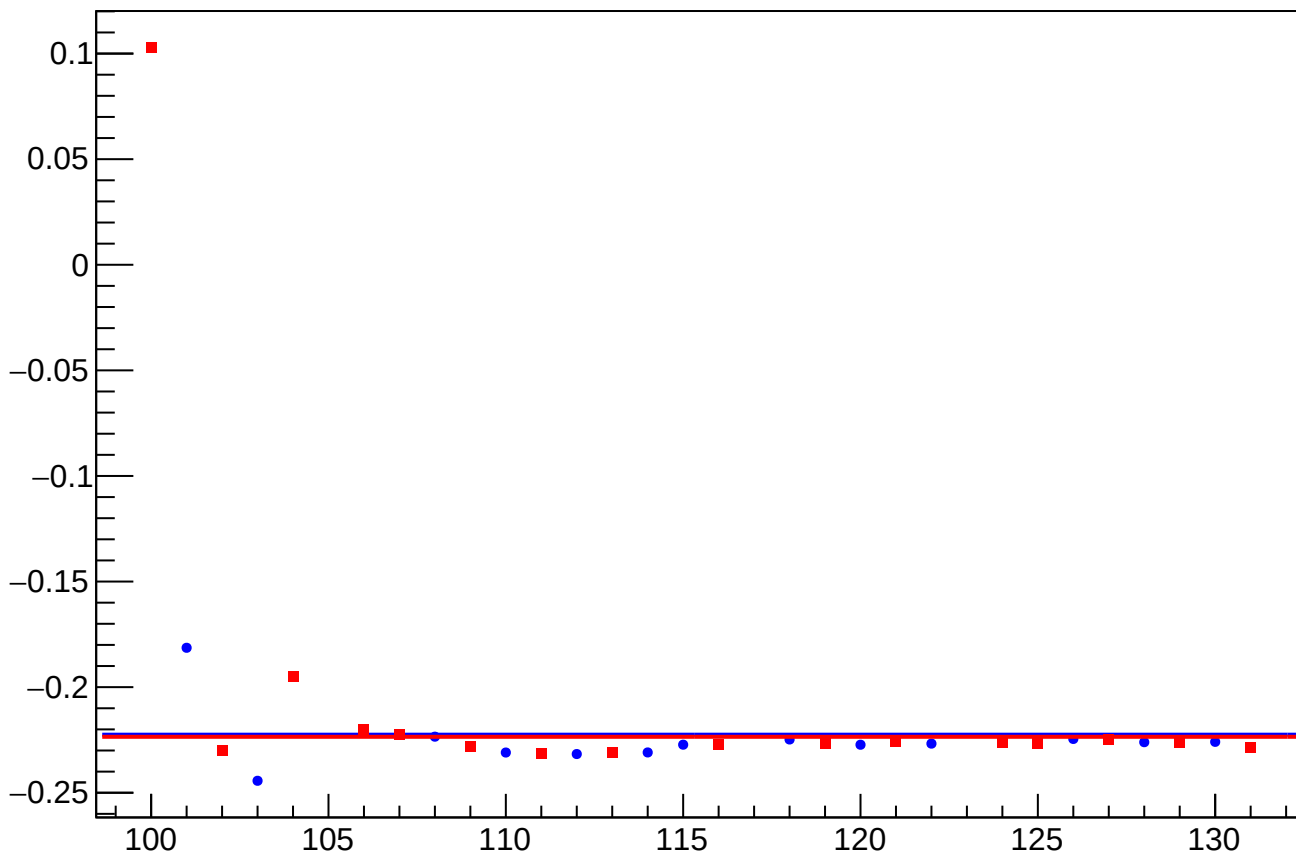
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 2698524.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm16Y_mean vs Slug



Right In: -0.223+/-0.000 χ^2/NDF : 51517102.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.224+/-0.000 χ^2/NDF : 157865372.0/15

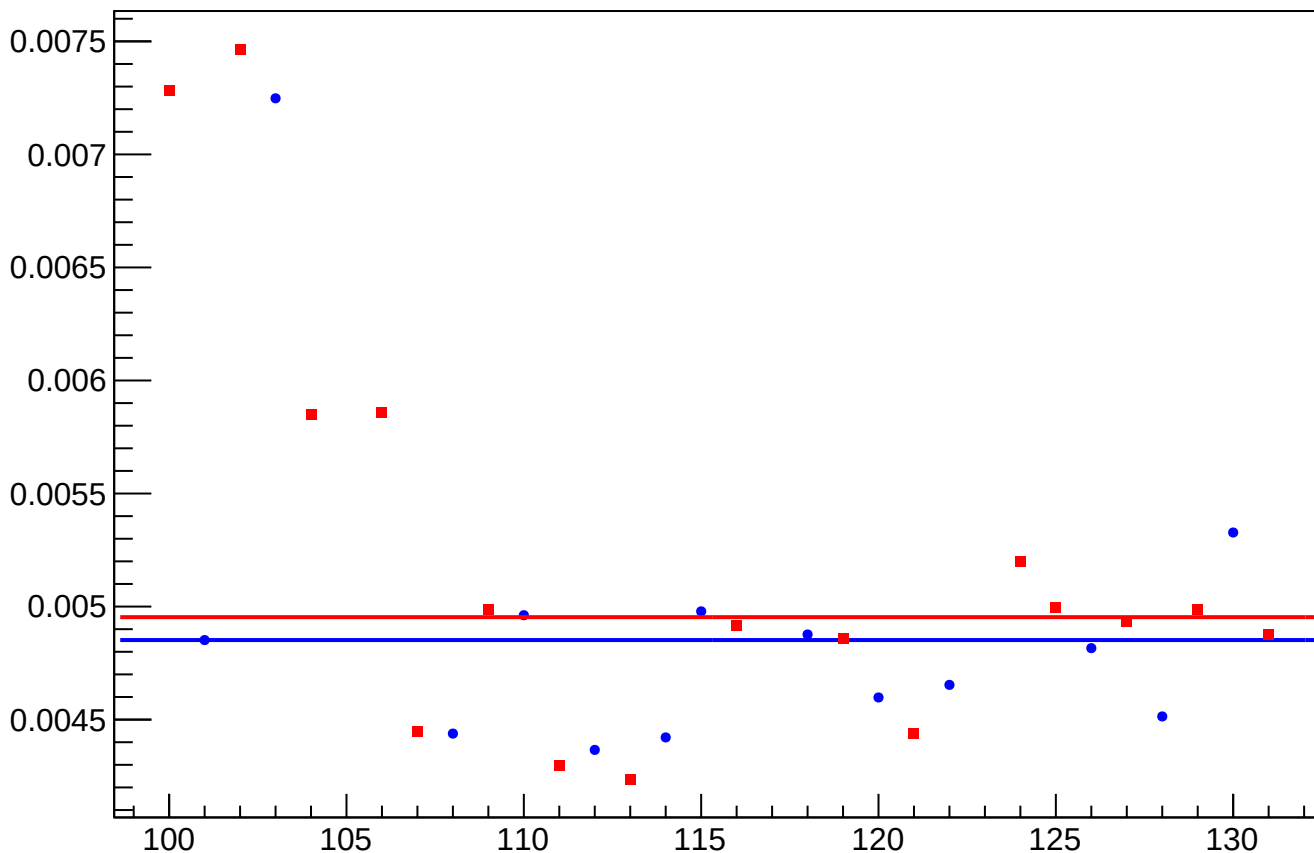
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.223+/-0.000 χ^2/NDF : 209491198.7/28

- 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 : 158702.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 246646.6/15

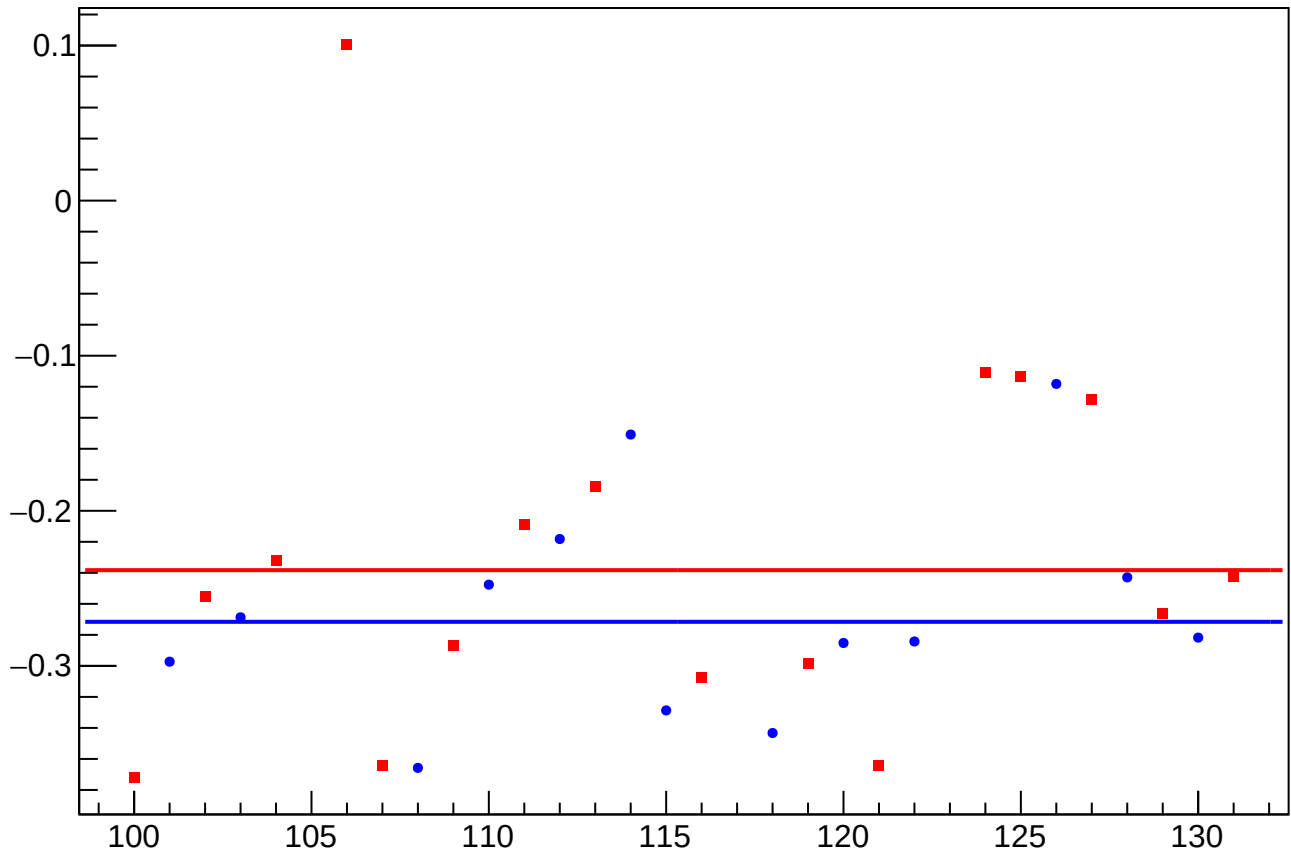
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 407600.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02X_mean vs Slug



Right In: -0.272+/-0.000 χ^2/NDF : 468756540.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.238+/-0.000 χ^2/NDF : 1083459186.3/15

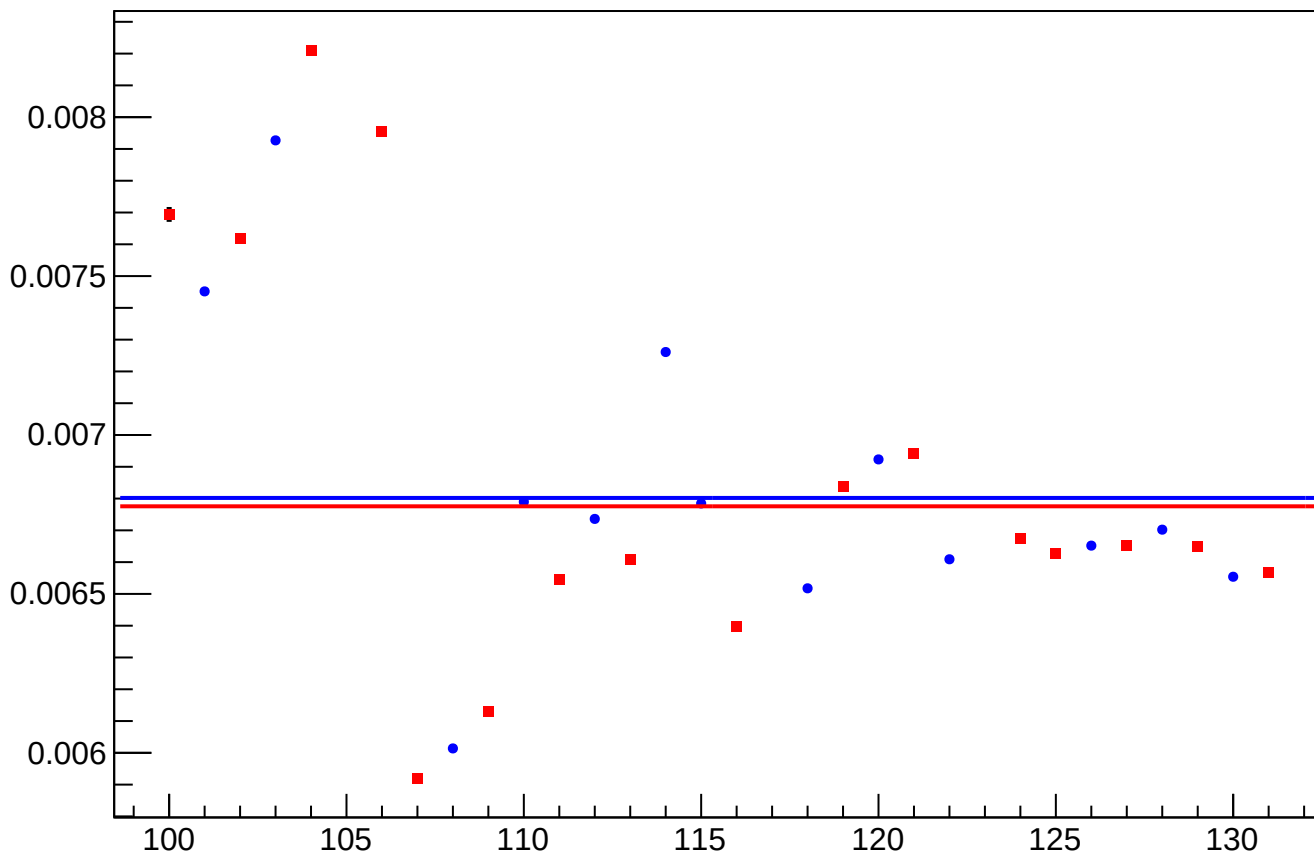
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.254+/-0.000 χ^2/NDF : 1621154255.0/2

- 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 : 53373.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 84880.9/15

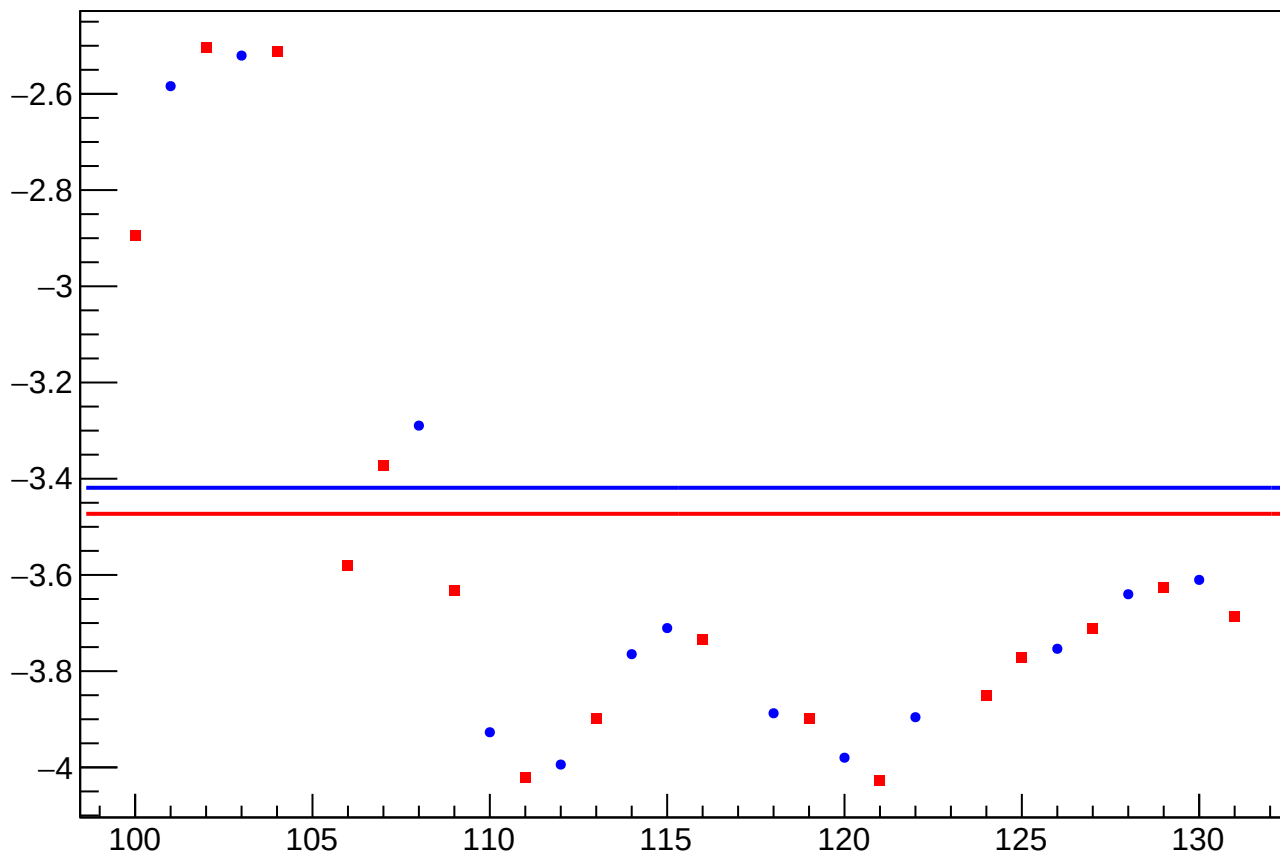
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 138340.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02Y_mean vs Slug



Right In: -3.419+/-0.000 χ^2/NDF : 28254489226.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.473+/-0.000 χ^2/NDF : 28546106549.2/15

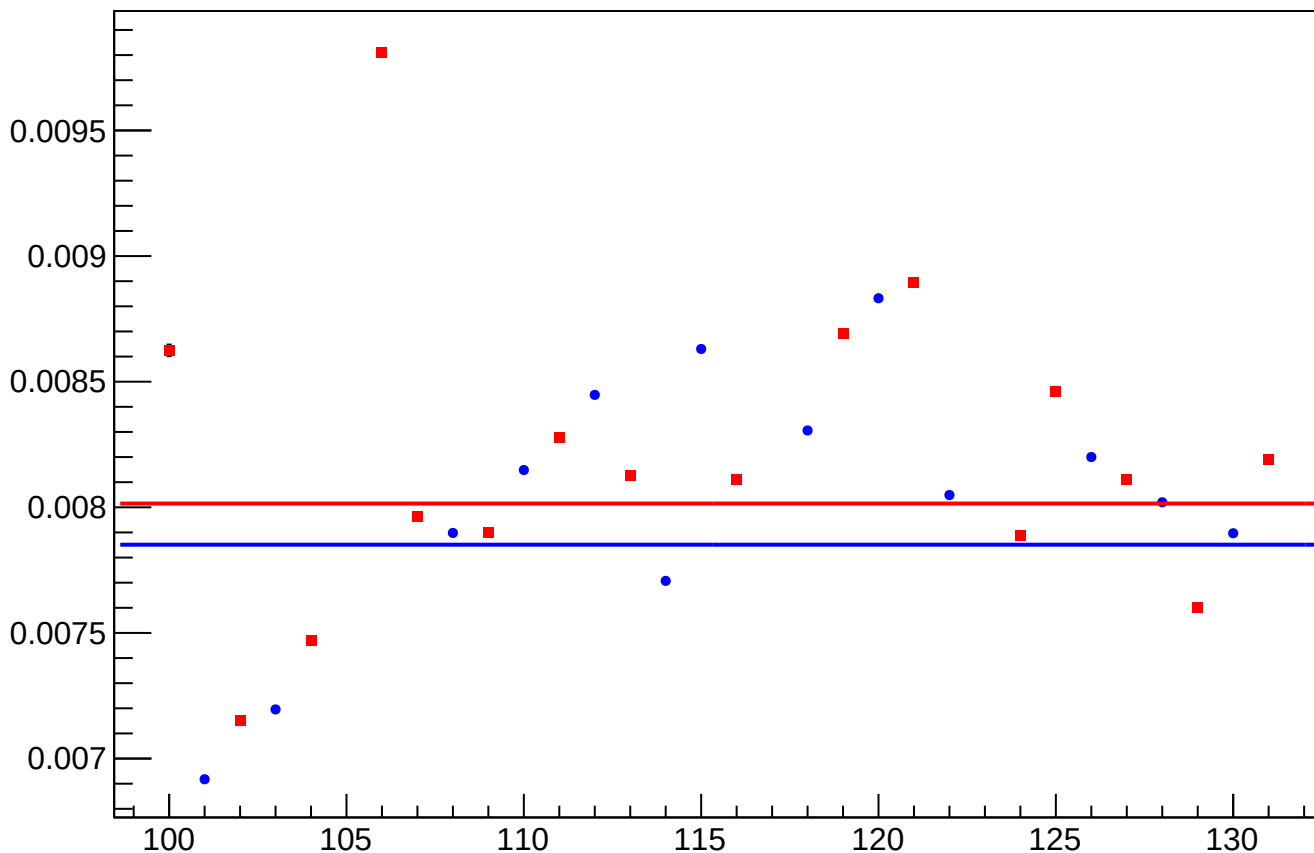
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.447+/-0.000 χ^2/NDF : 56932016101.2

- 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 : 54967.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 56600.7/15

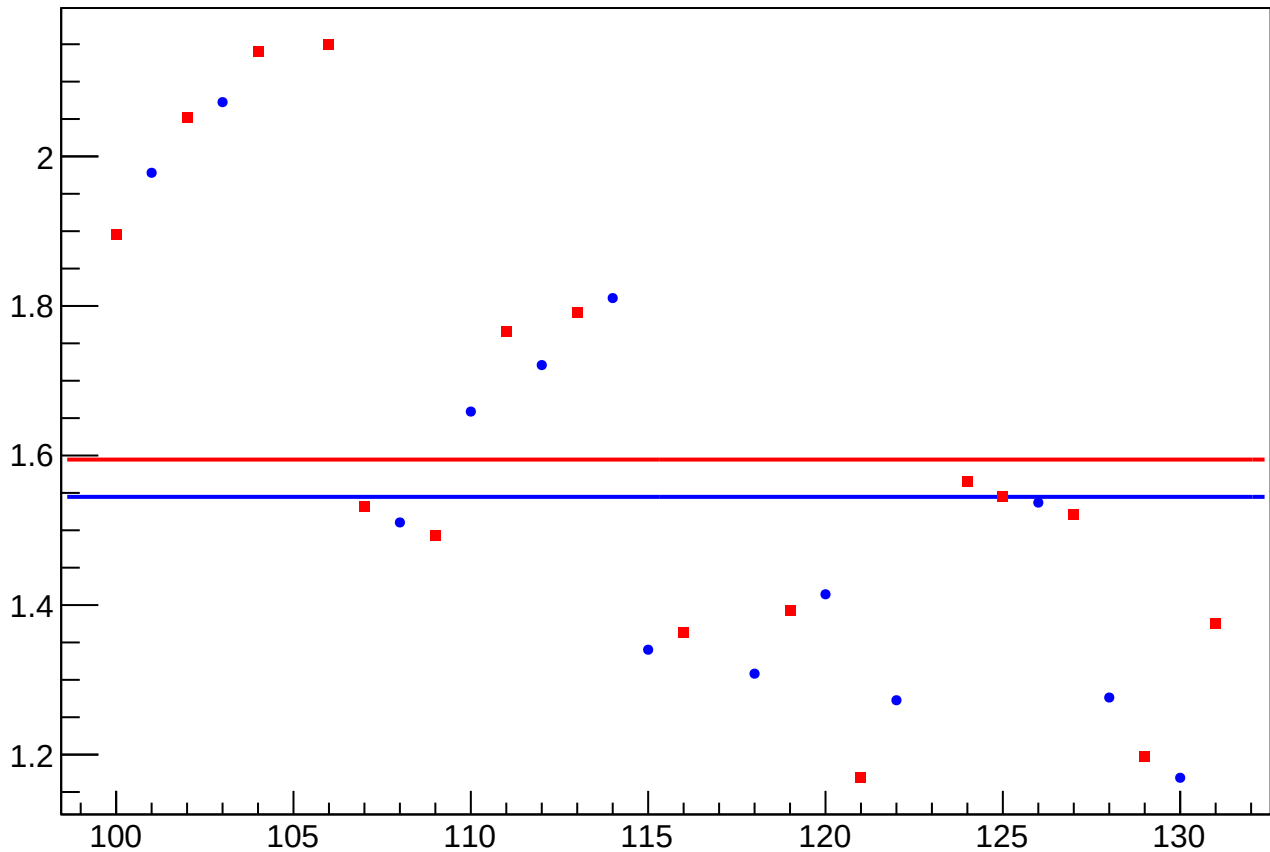
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 113977.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02aX_mean vs Slug



Right In: 1.545+/-0.000 χ^2/NDF : 2983988177.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.595+/-0.000 χ^2/NDF : 3573262018.0/15

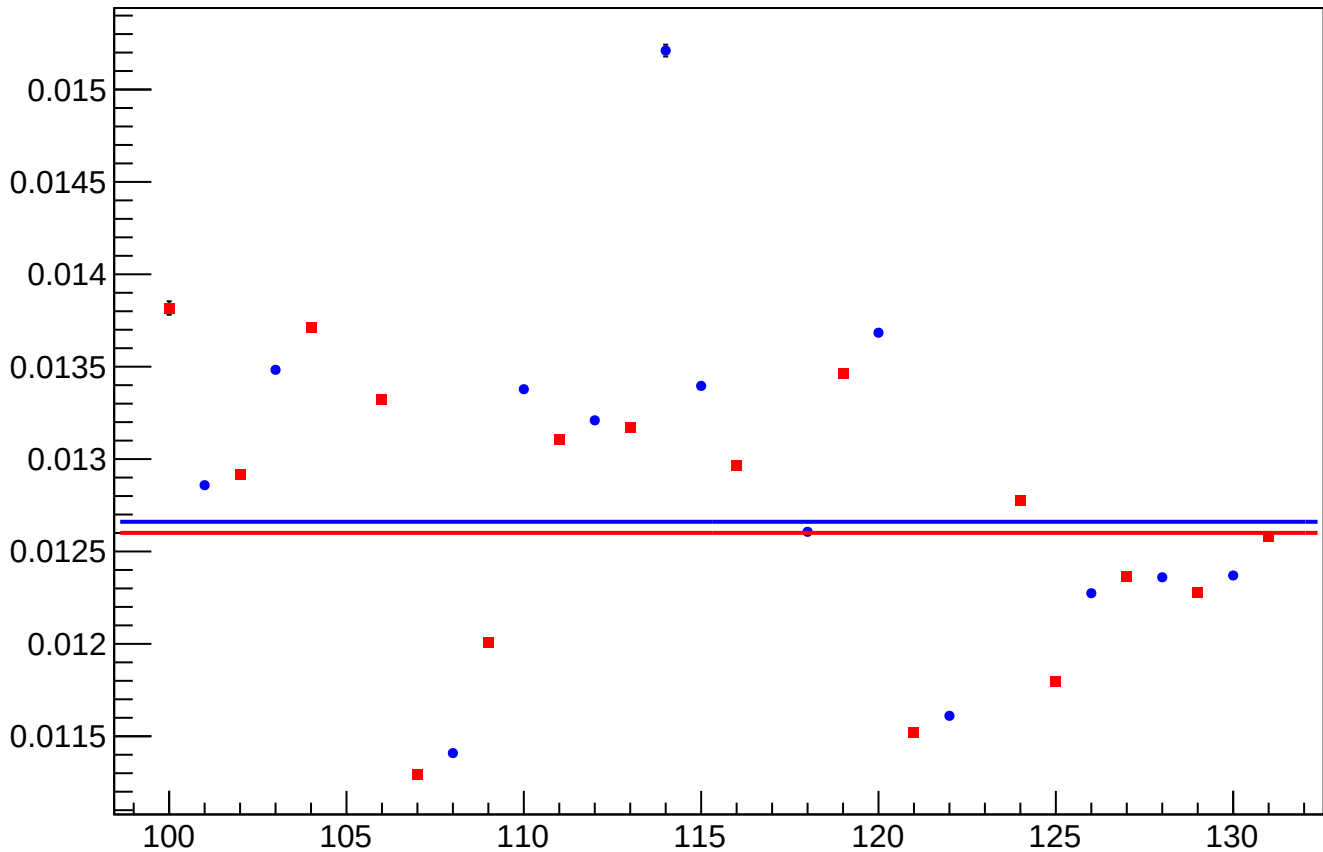
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.571+/-0.000 χ^2/NDF : 6601706637.4/28

- 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 : 37218.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 38550.4/15

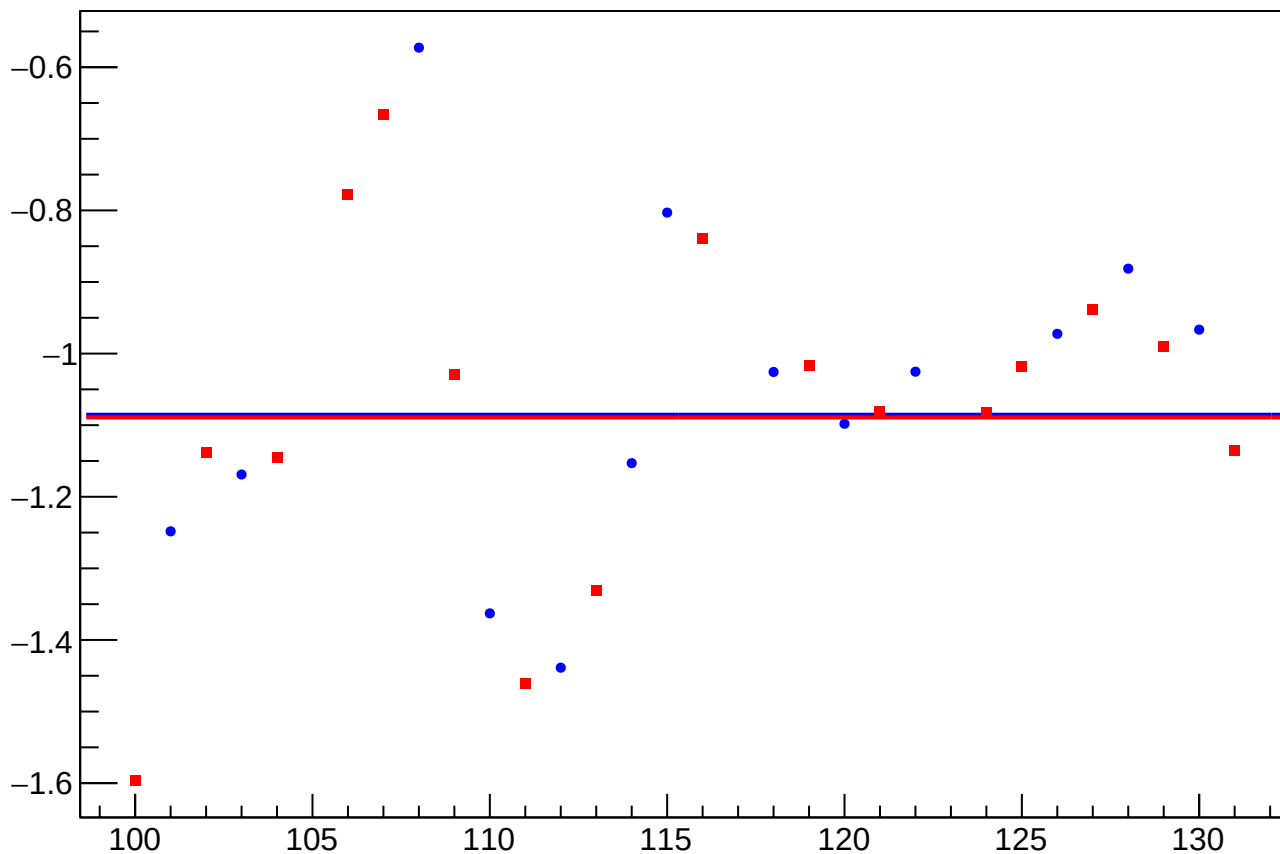
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 75897.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02aY_mean vs Slug



Right In: -1.085+/-0.000 χ^2 /NDF: 2974781032.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1.089+/-0.000 χ^2 /NDF: 2162031926.1/15

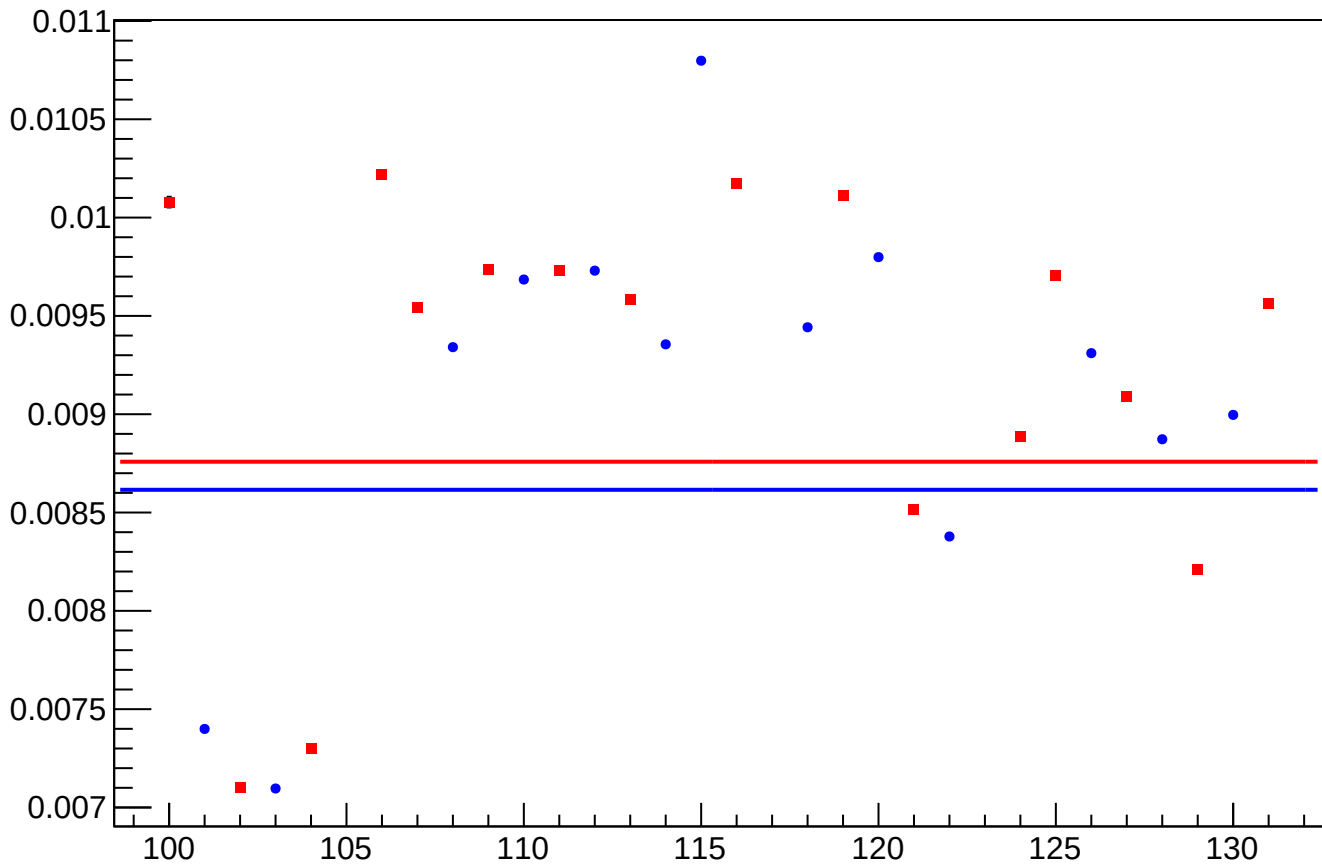
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1.087+/-0.000 χ^2 /NDF: 5137355950.7/2

- 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 : 150059.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 191226.1/15

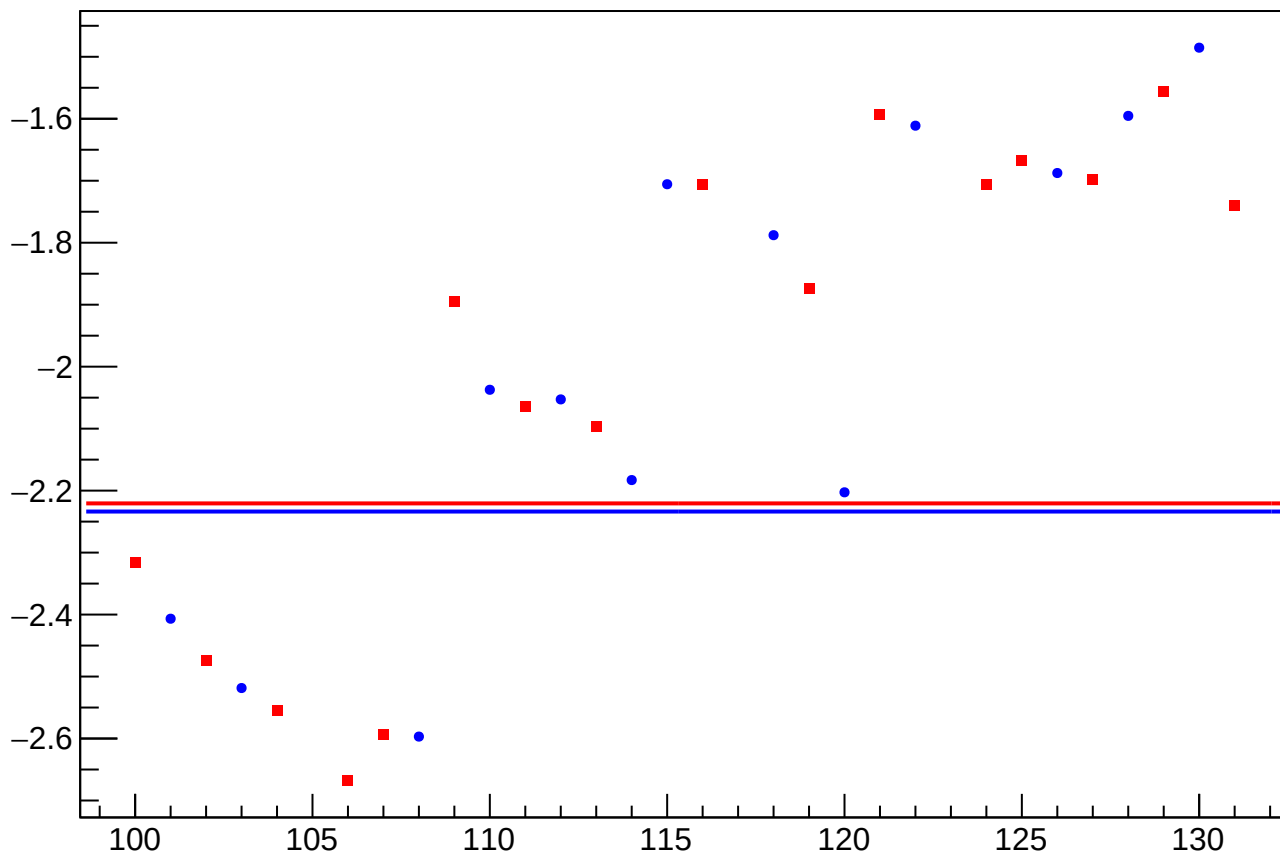
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 342774.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i05X_mean vs Slug



Right In: -2.234+/-0.000 χ^2/NDF : 11255941469.9/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.221+/-0.000 χ^2/NDF : 12395078290.0/15

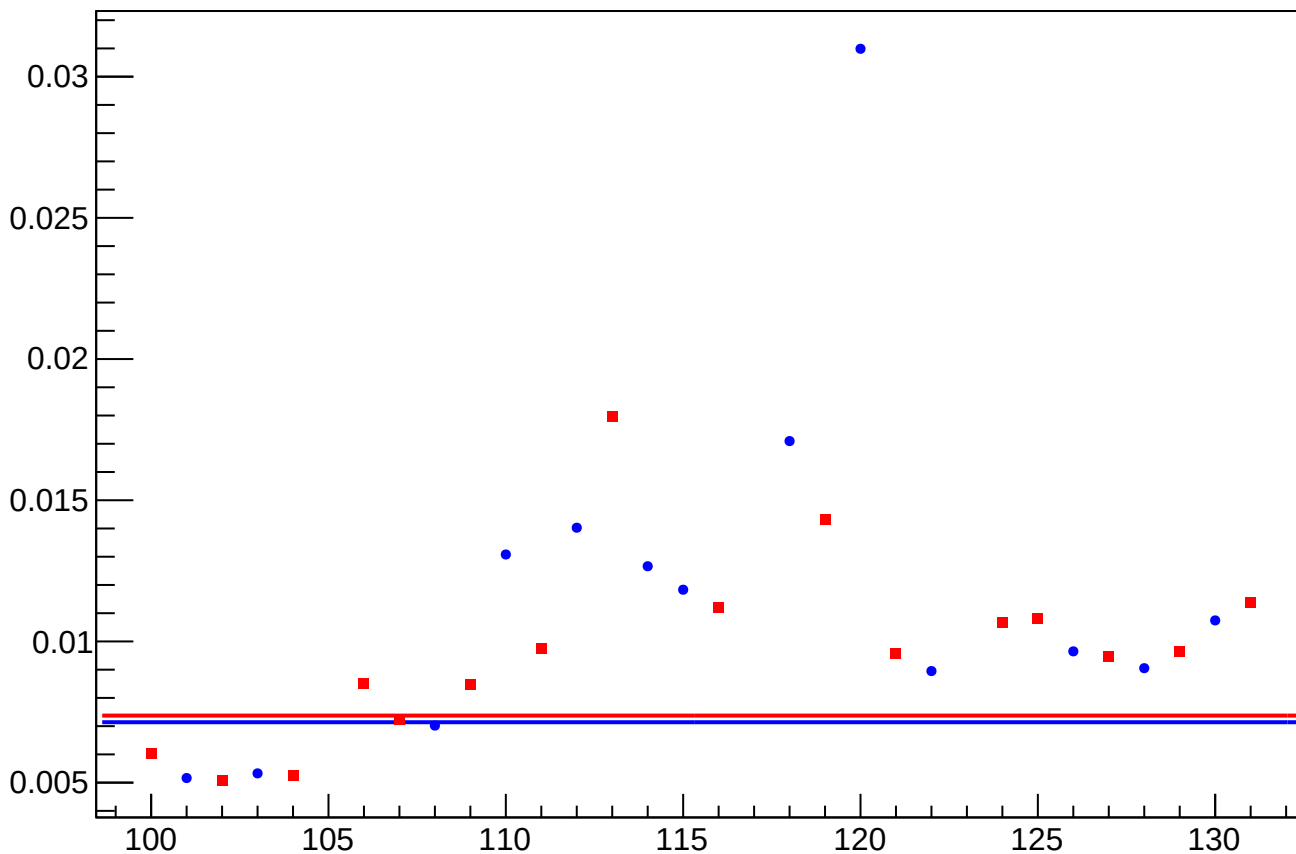
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.227+/-0.000 χ^2/NDF : 23657914293.8/

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i05X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 1413274.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 1205202.8/15

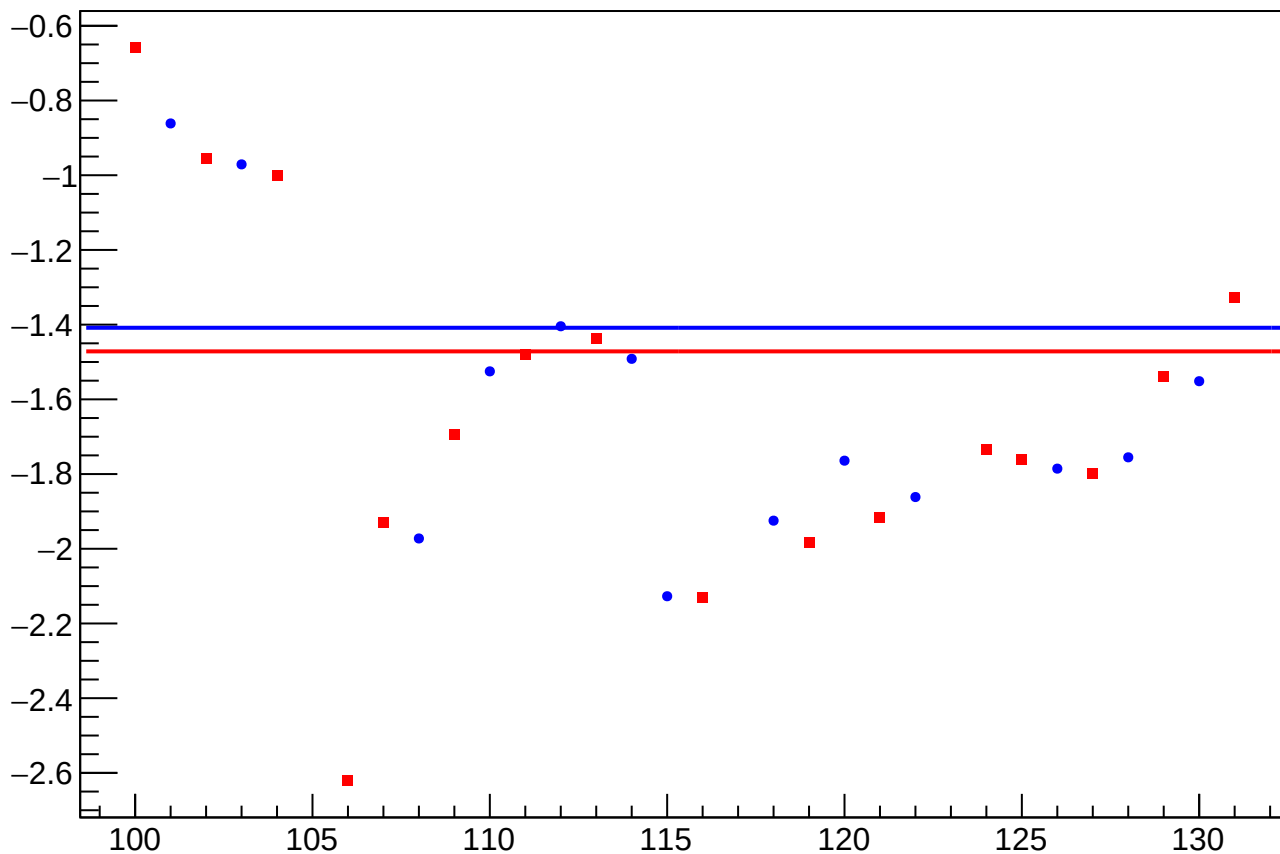
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 2622894.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i05Y_mean vs Slug



Right In: -1.408 ± 0.000 χ^2/NDF : 19756421402.8/12

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

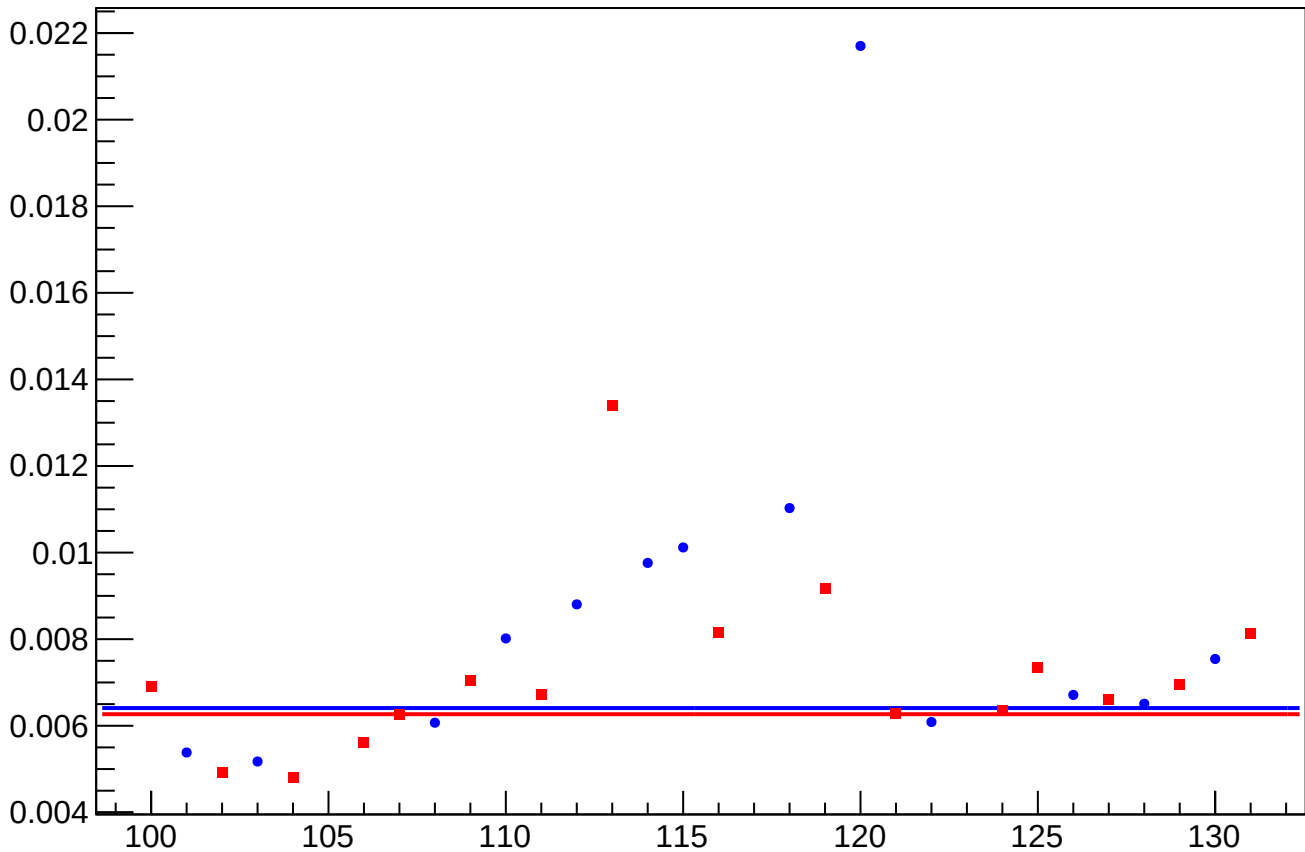
Right Out: -1.472 ± 0.000 χ^2/NDF : 25929529744.9/15

All: -1.443 ± 0.000 χ^2/NDF : 45917019990.9

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

yield_bpm0i05Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 617505.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 506918.6/15

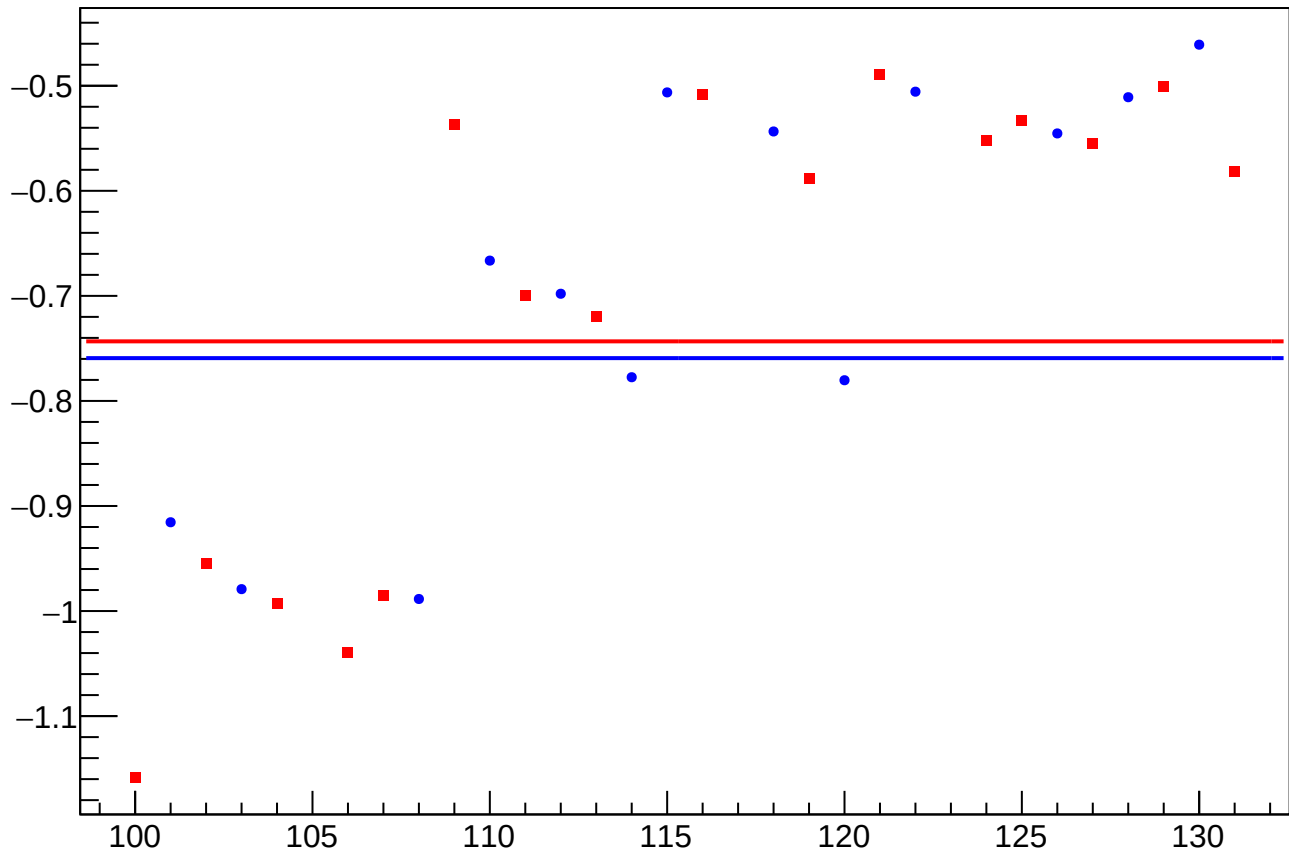
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1126764.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i07X_mean vs Slug



Right In: -0.759+/-0.000 χ^2/NDF : 7069281216.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.743+/-0.000 χ^2/NDF : 8351320294.1/15

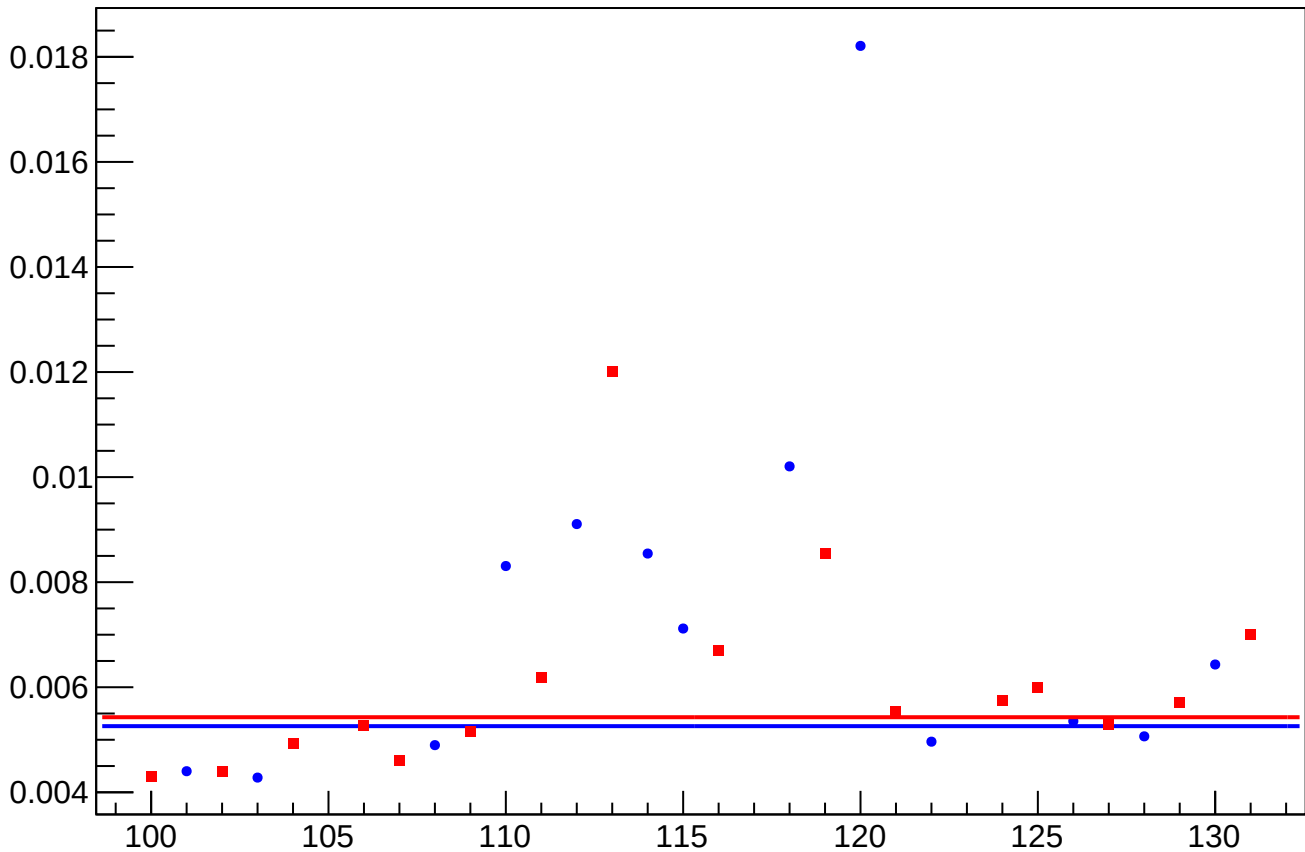
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.751+/-0.000 χ^2/NDF : 15440970664.6/15

- 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 : 816212.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 456131.9/15

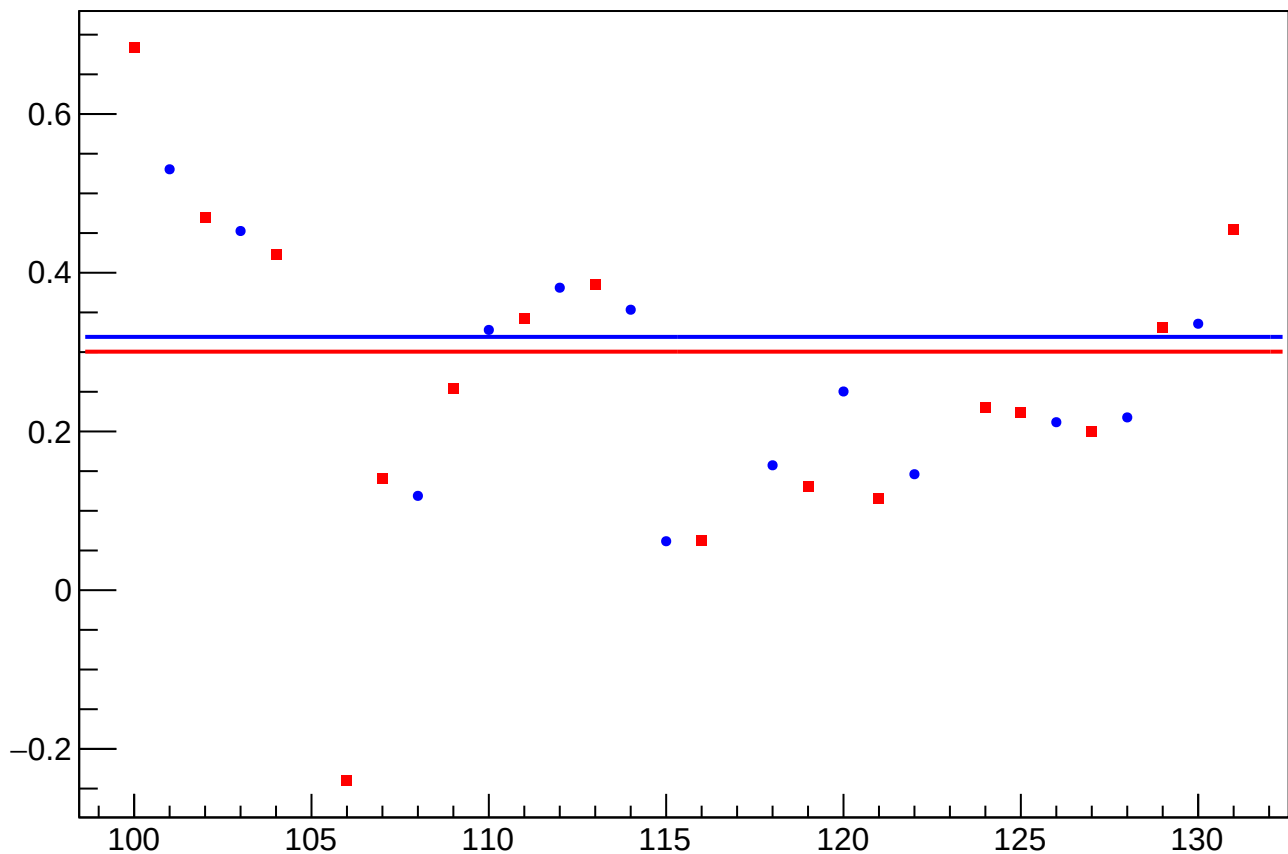
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1276969.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i07Y_mean vs Slug



Right In: 0.319+/-0.000 χ^2/NDF : 5768184964.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.301+/-0.000 χ^2/NDF : 8039329370.0/15

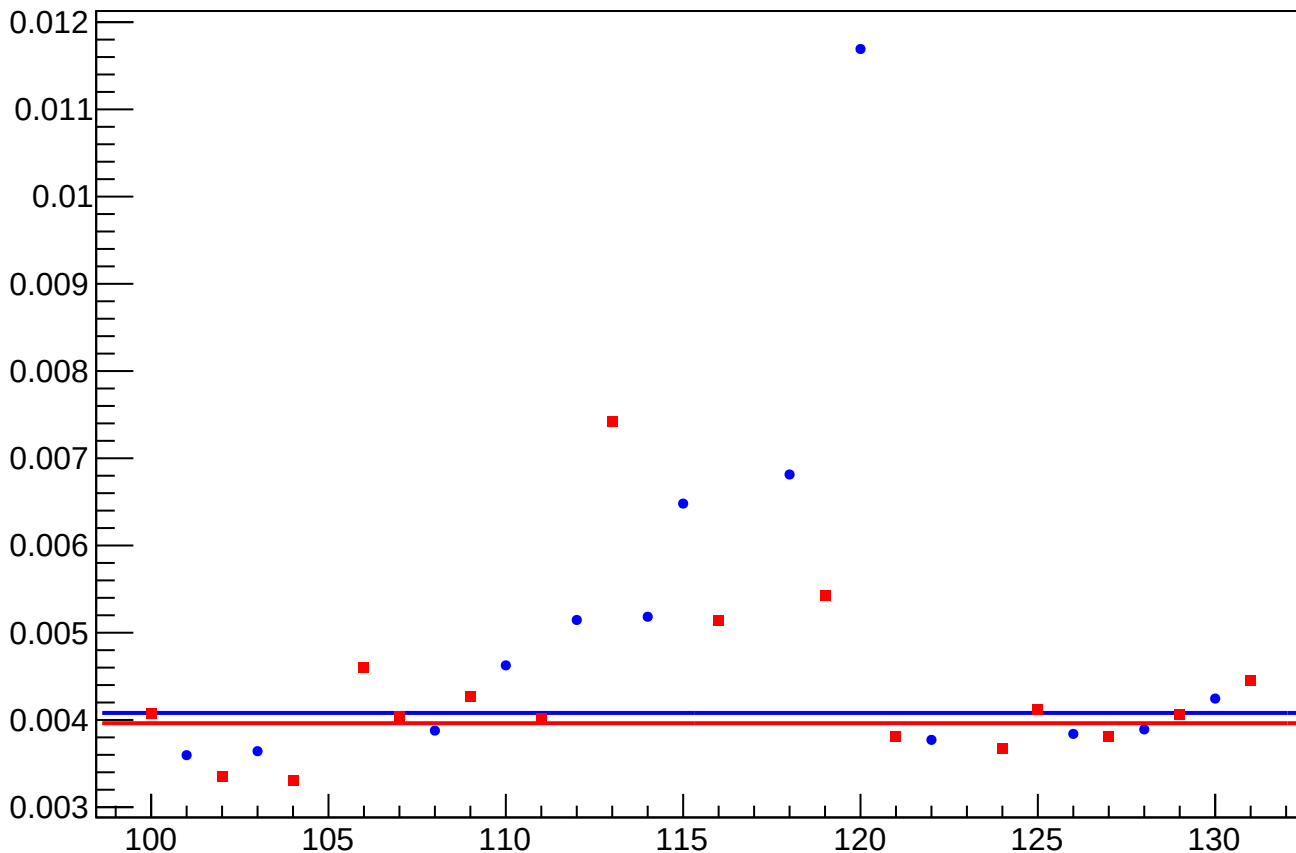
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.309+/-0.000 χ^2/NDF : 13859623546.2/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i07Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 468523.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 304032.4/15

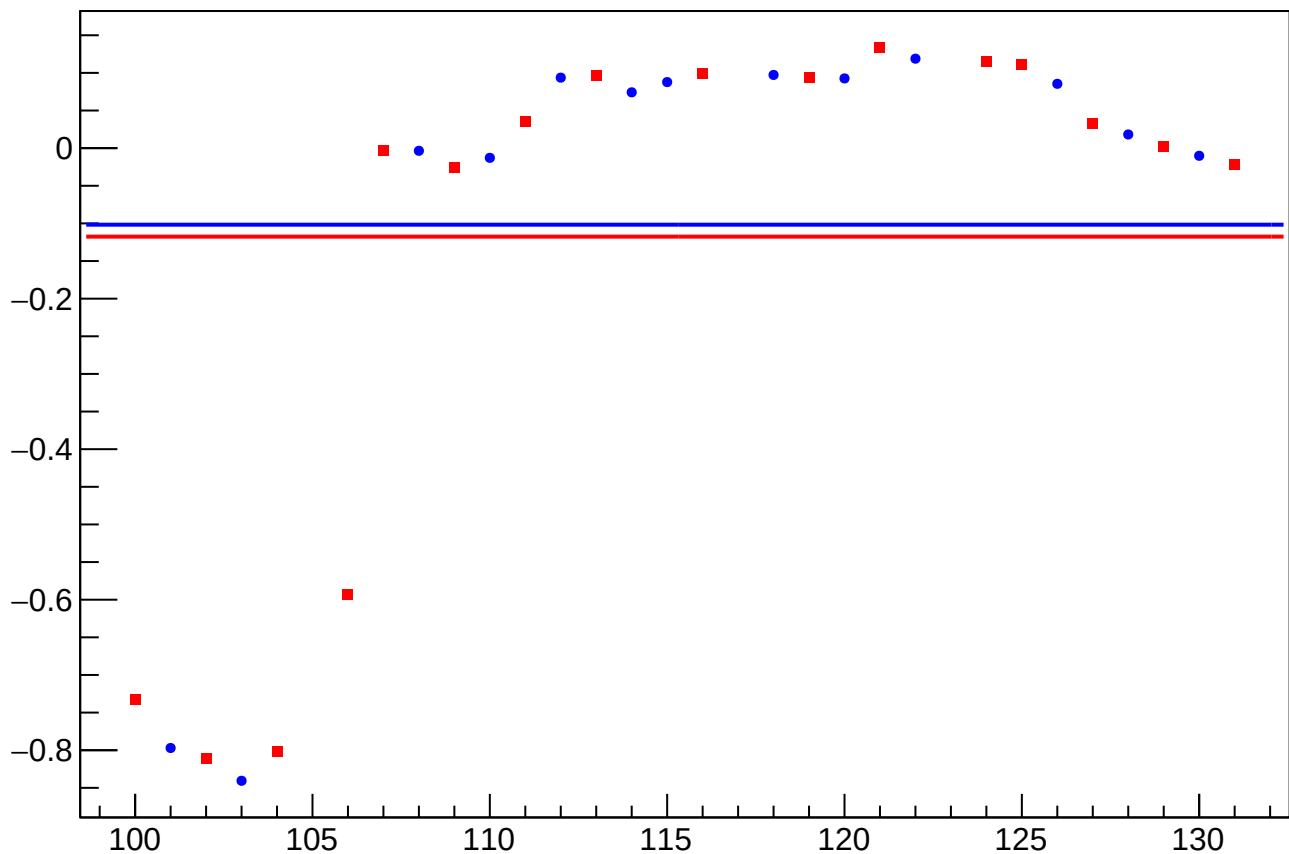
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 776726.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i02X_mean vs Slug



Right In: -0.102+/-0.000 χ^2/NDF : 5462613205.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.118+/-0.000 χ^2/NDF : 6175576645.5/15

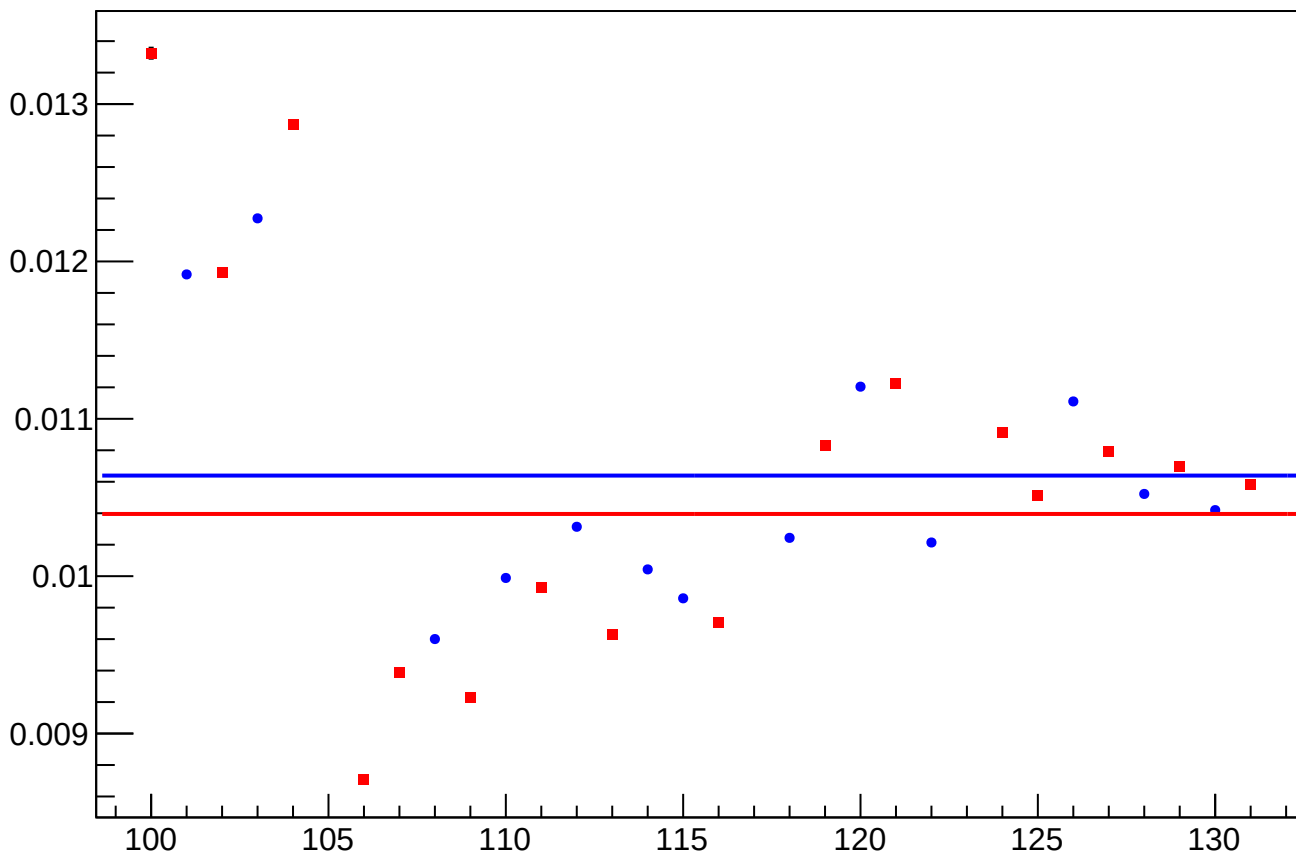
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.110+/-0.000 χ^2/NDF : 11644809956.3/16

- 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 : 59169.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 133752.6/15

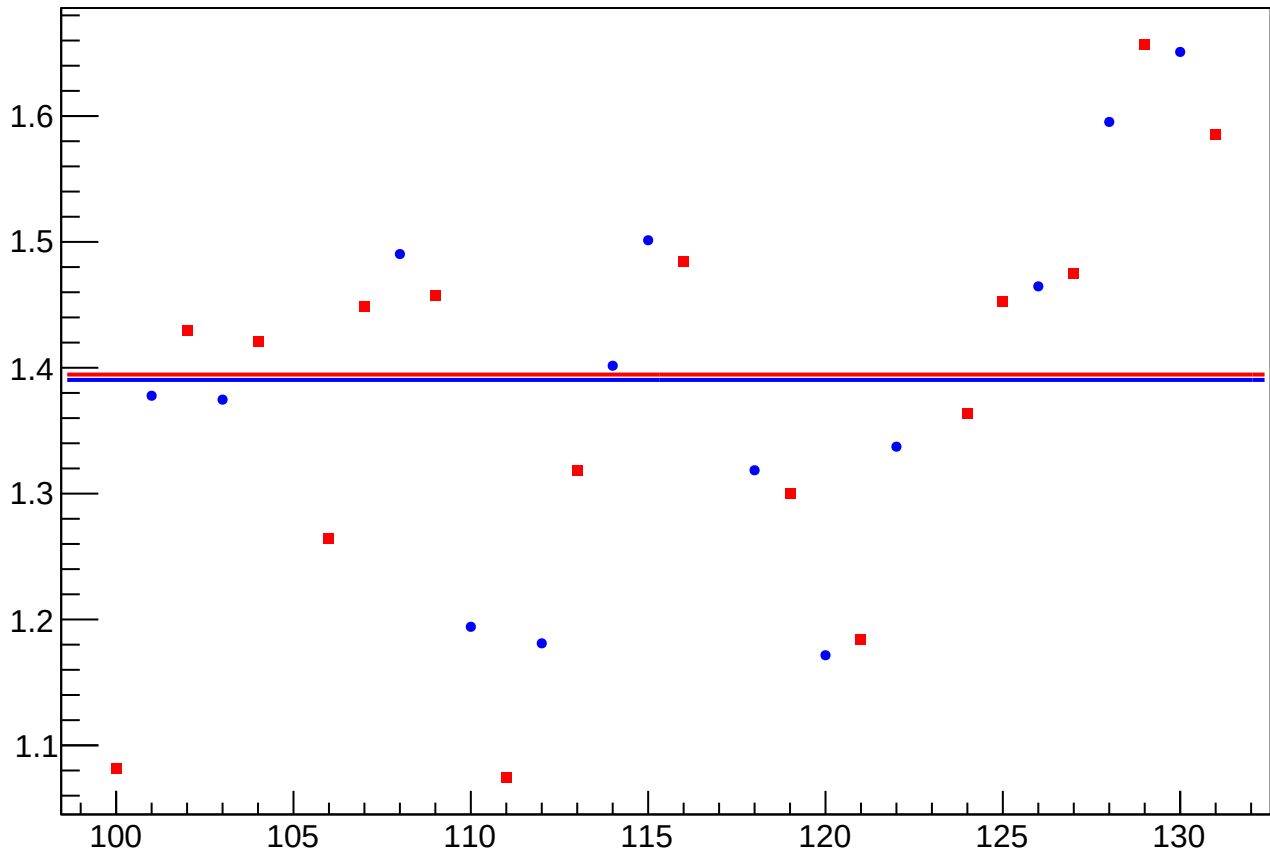
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 196054.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i02Y_mean vs Slug



Right In: 1.390+/-0.000 χ^2/NDF : 2006024060.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.395+/-0.000 χ^2/NDF : 2309096183.1/15

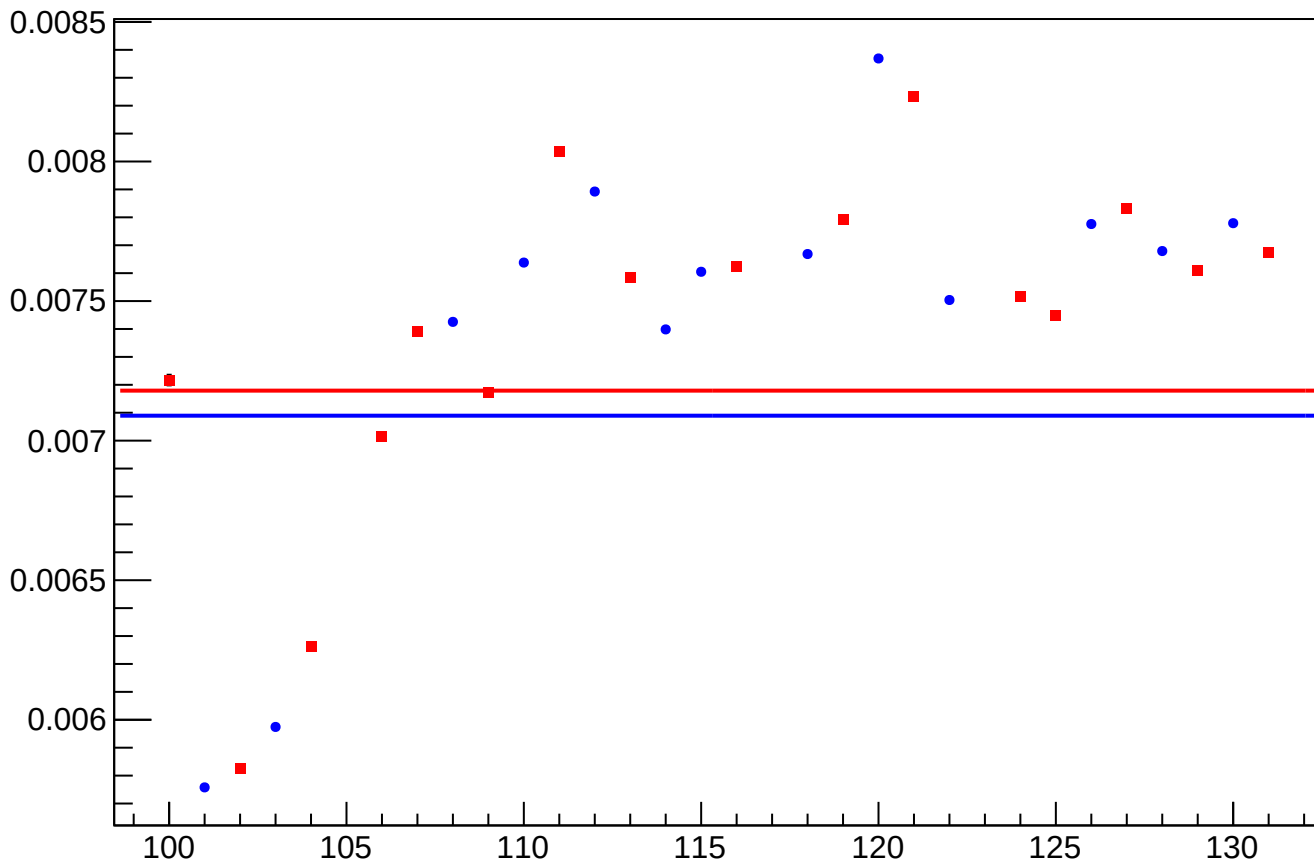
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.393+/-0.000 χ^2/NDF : 4316159882.9/28

- 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 : 173738.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 142294.2/15

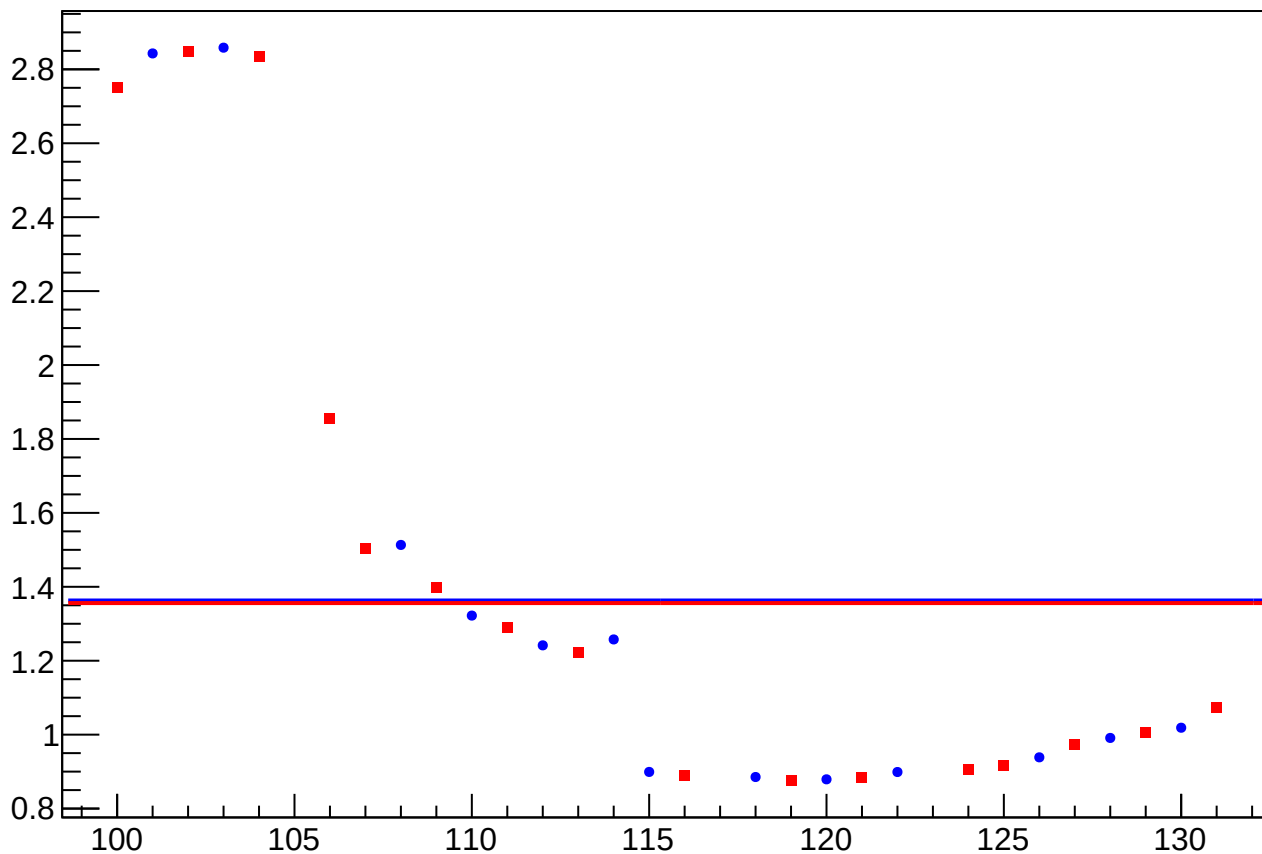
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 316951.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04X_mean vs Slug



Right In: 1.363+/-0.000 χ^2/NDF : 55187378218.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.356+/-0.000 χ^2/NDF : 53261950771.9/15

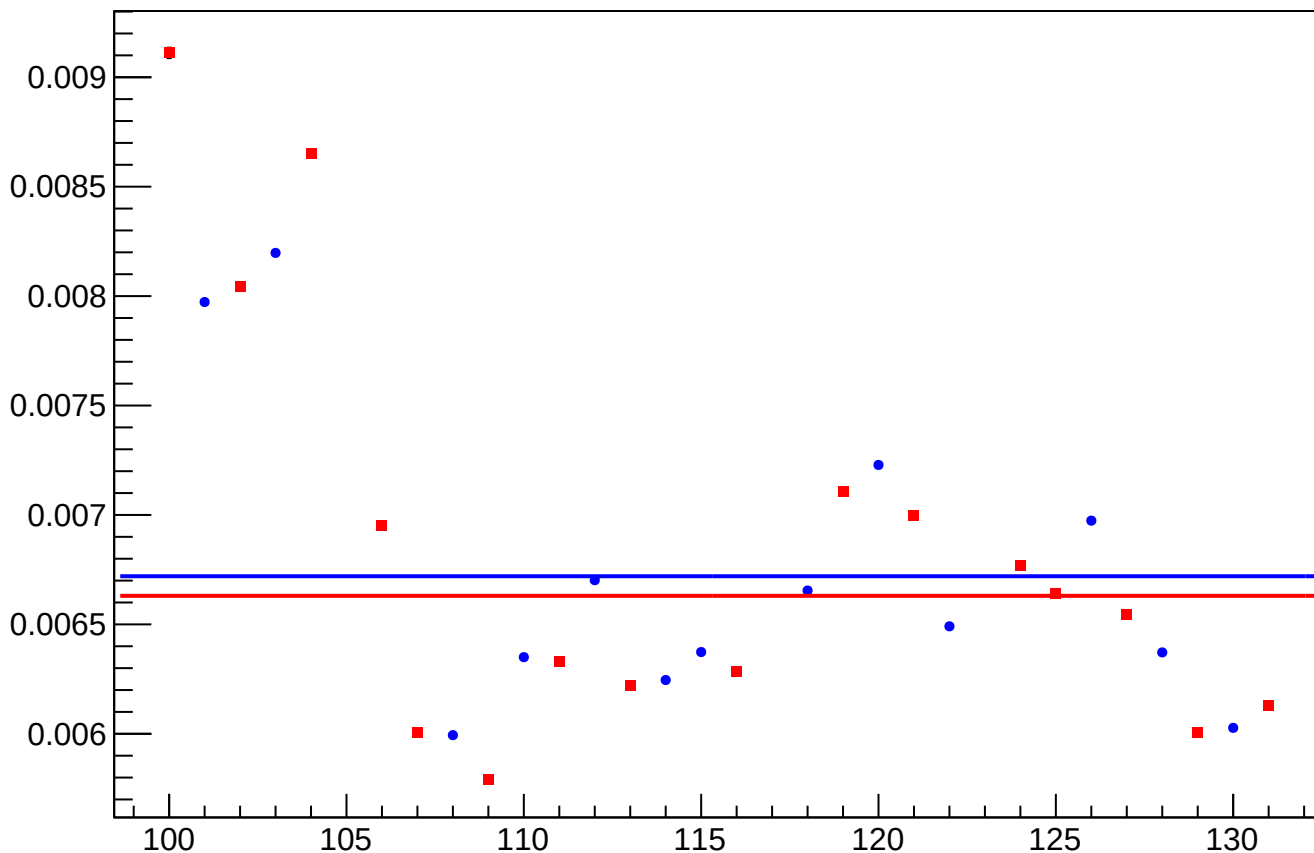
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.359+/-0.000 χ^2/NDF : 108452490625.0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 110307.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 166432.5/15

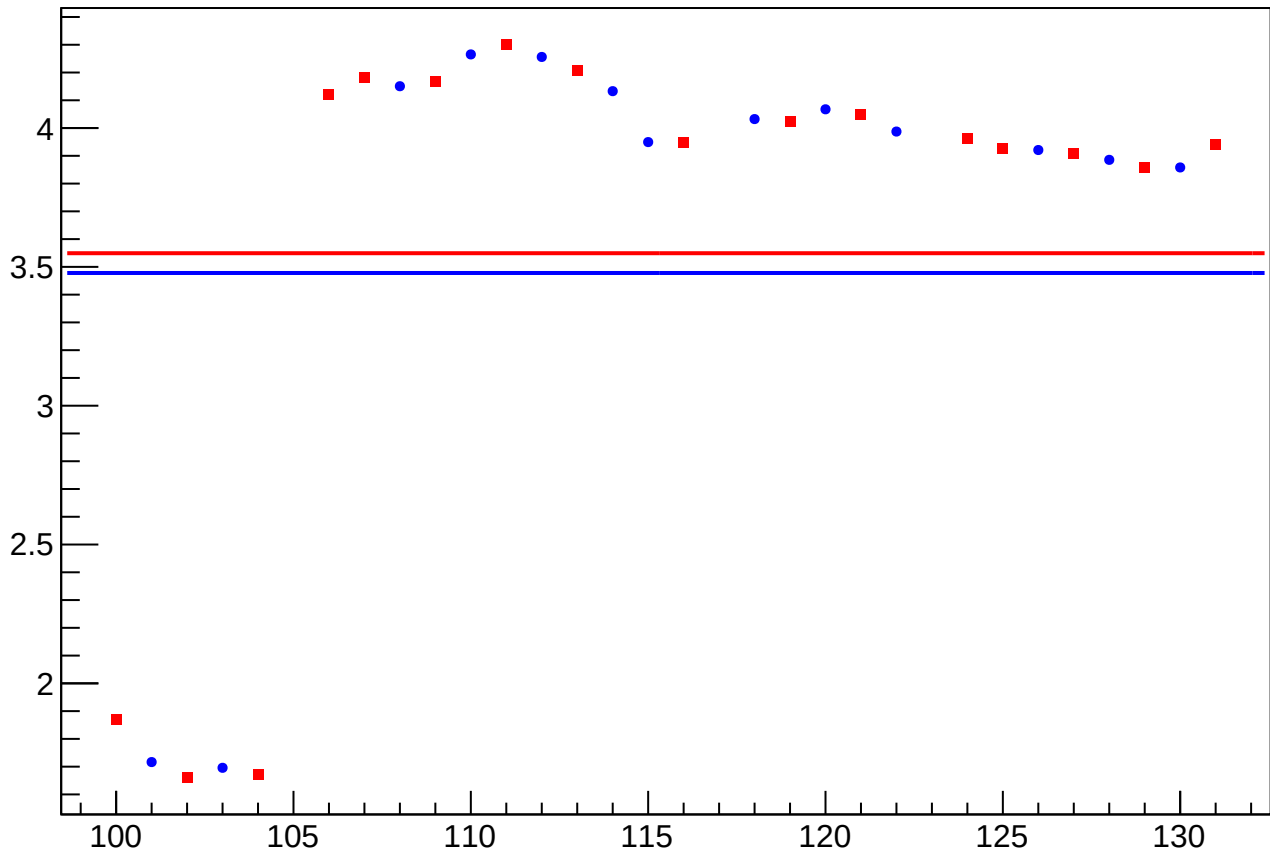
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 277782.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04Y_mean vs Slug



Right In: 3.478+/-0.000 χ^2/NDF : 190058465348.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.549+/-0.000 χ^2/NDF : 202810257492.3/15

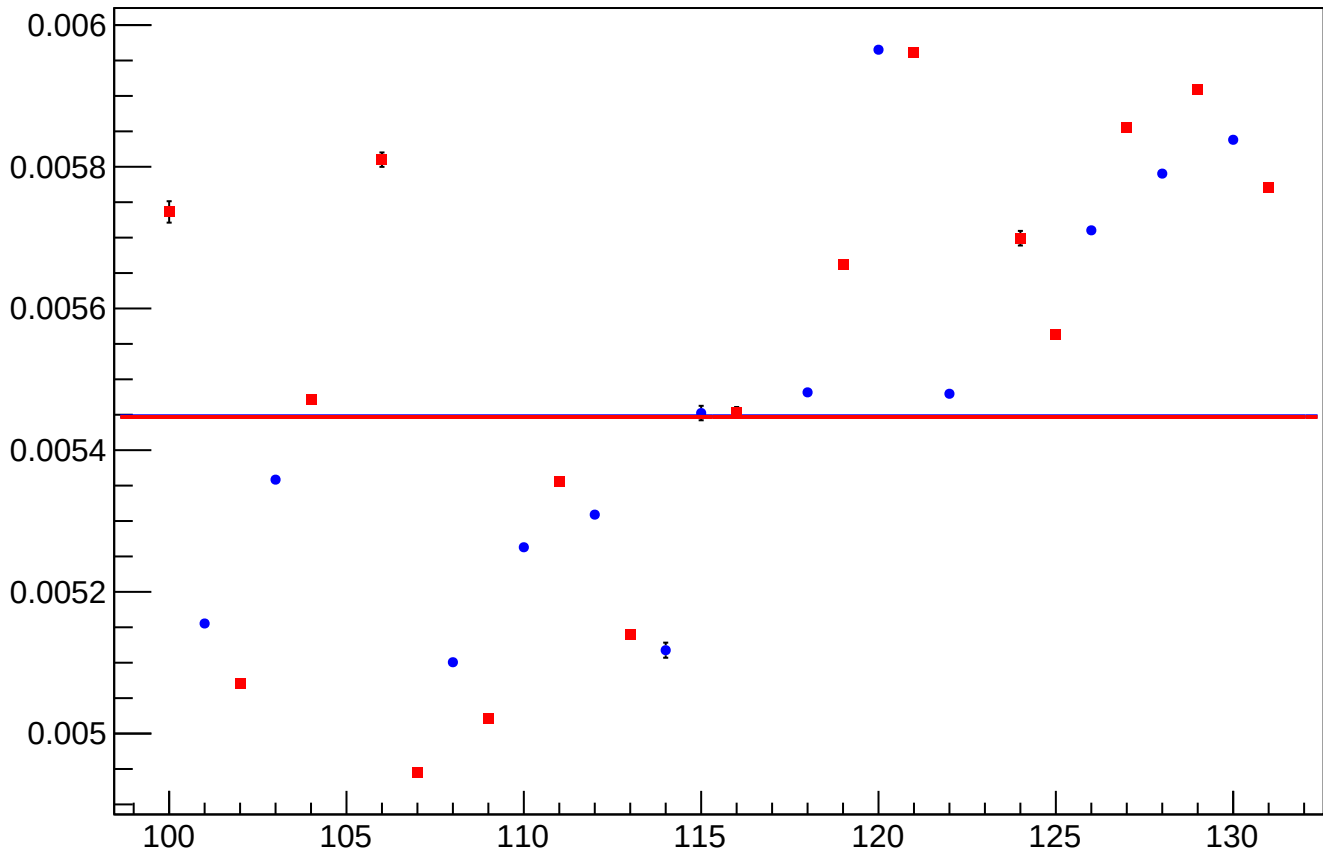
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.516+/-0.000 χ^2/NDF : 393364309714.0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 26072.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 46498.5/15

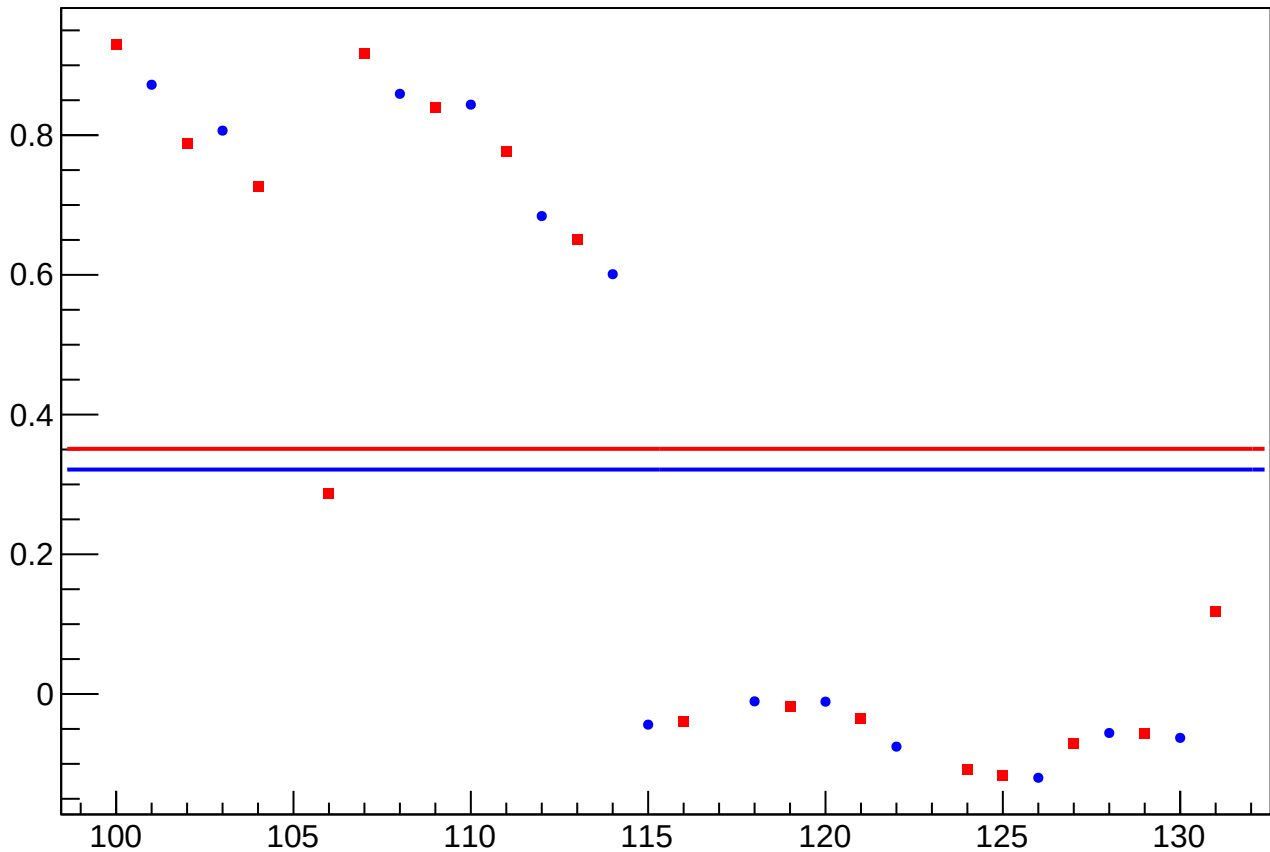
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 72570.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i06X_mean vs Slug



Right In: 0.321+/-0.000 χ^2/NDF : 5138414922.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.351+/-0.000 χ^2/NDF : 5119031096.1/15

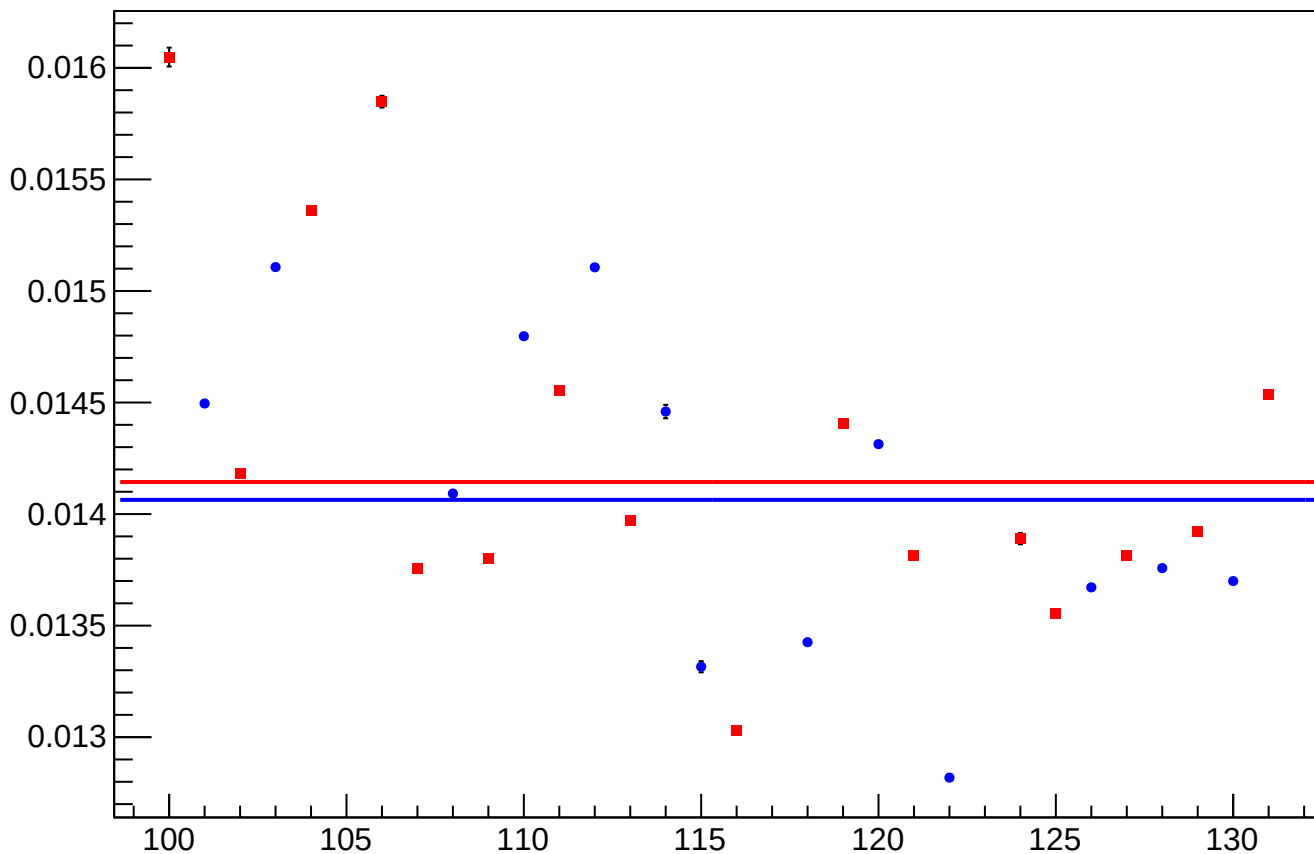
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.337+/-0.000 χ^2/NDF : 10270234700.9/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i06X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 26631.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 21958.4/15

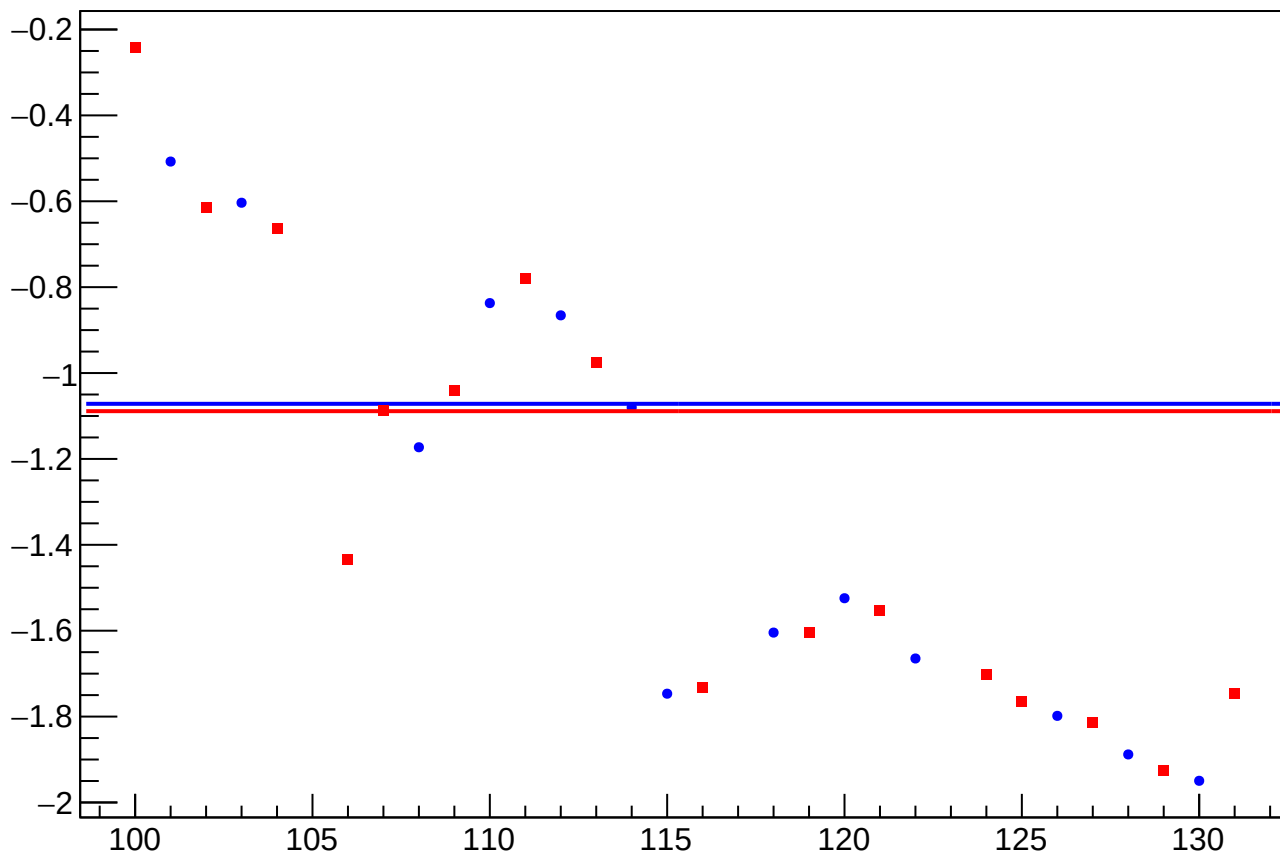
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 48776.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i06Y_mean vs Slug



Right In: -1.072+/-0.000 χ^2/NDF : 53460863497.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.089+/-0.000 χ^2/NDF : 46711222335.6/15

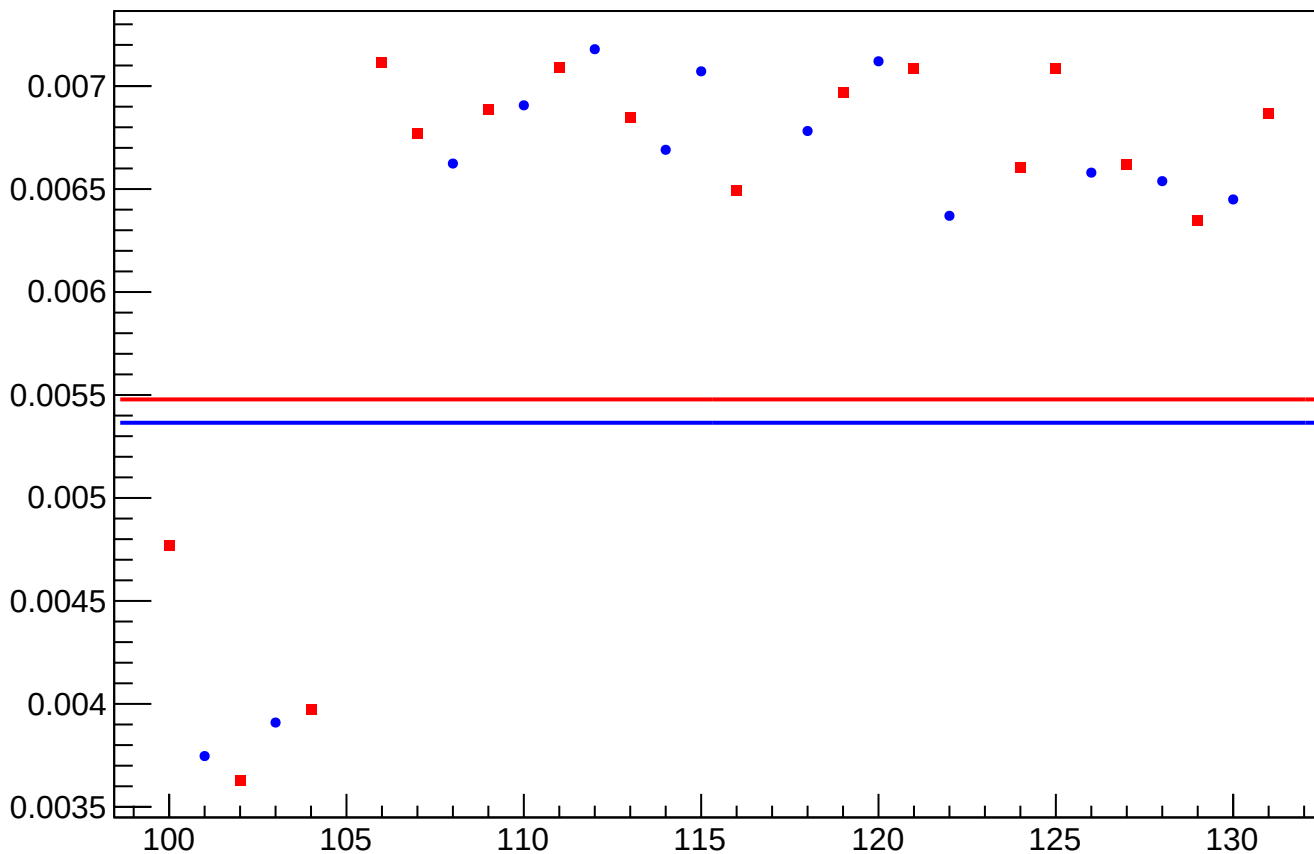
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.080+/-0.000 χ^2/NDF : 100197573334.9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i06Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 712059.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 832350.3/15

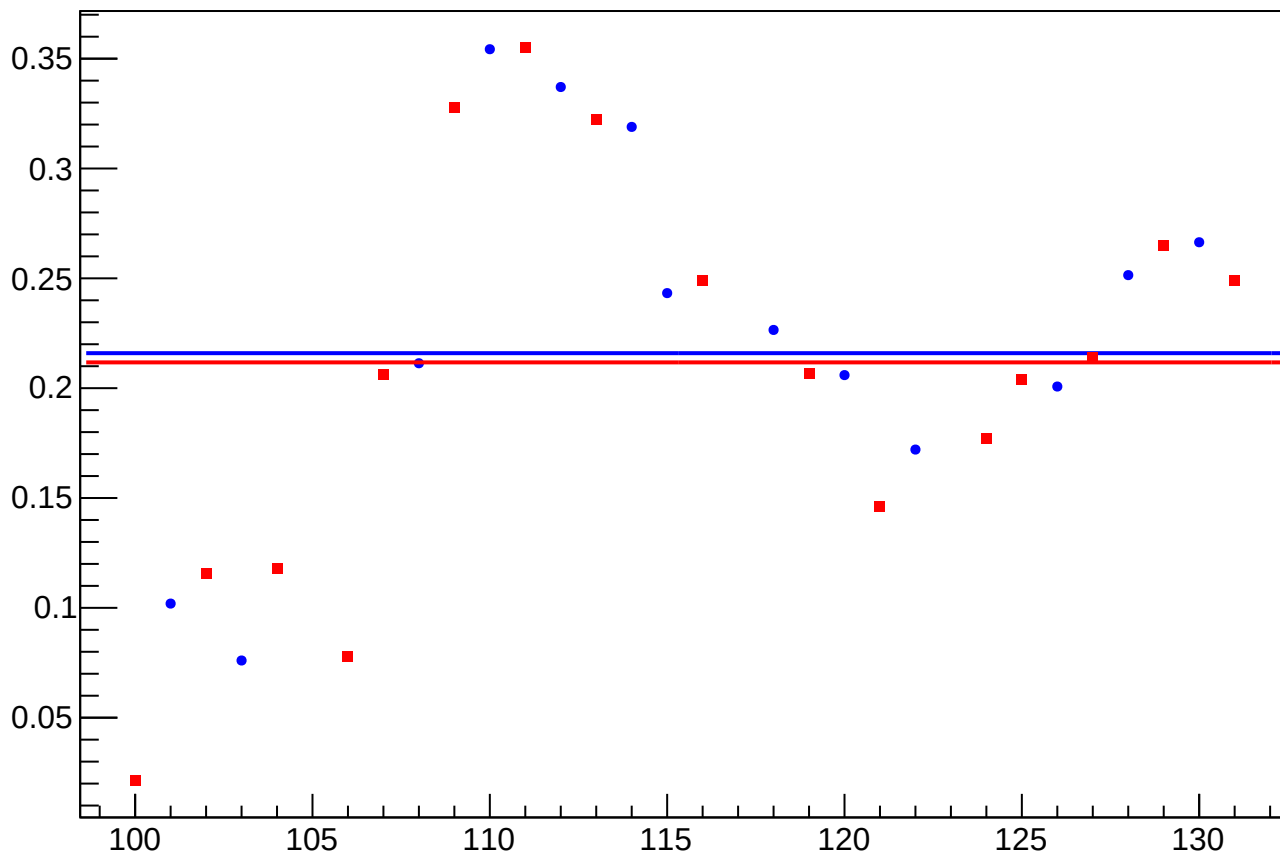
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1546647.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01X_mean vs Slug



Right In: 0.216+/-0.000 χ^2/NDF : 15796273048.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.212+/-0.000 χ^2/NDF : 21142916056.1/15

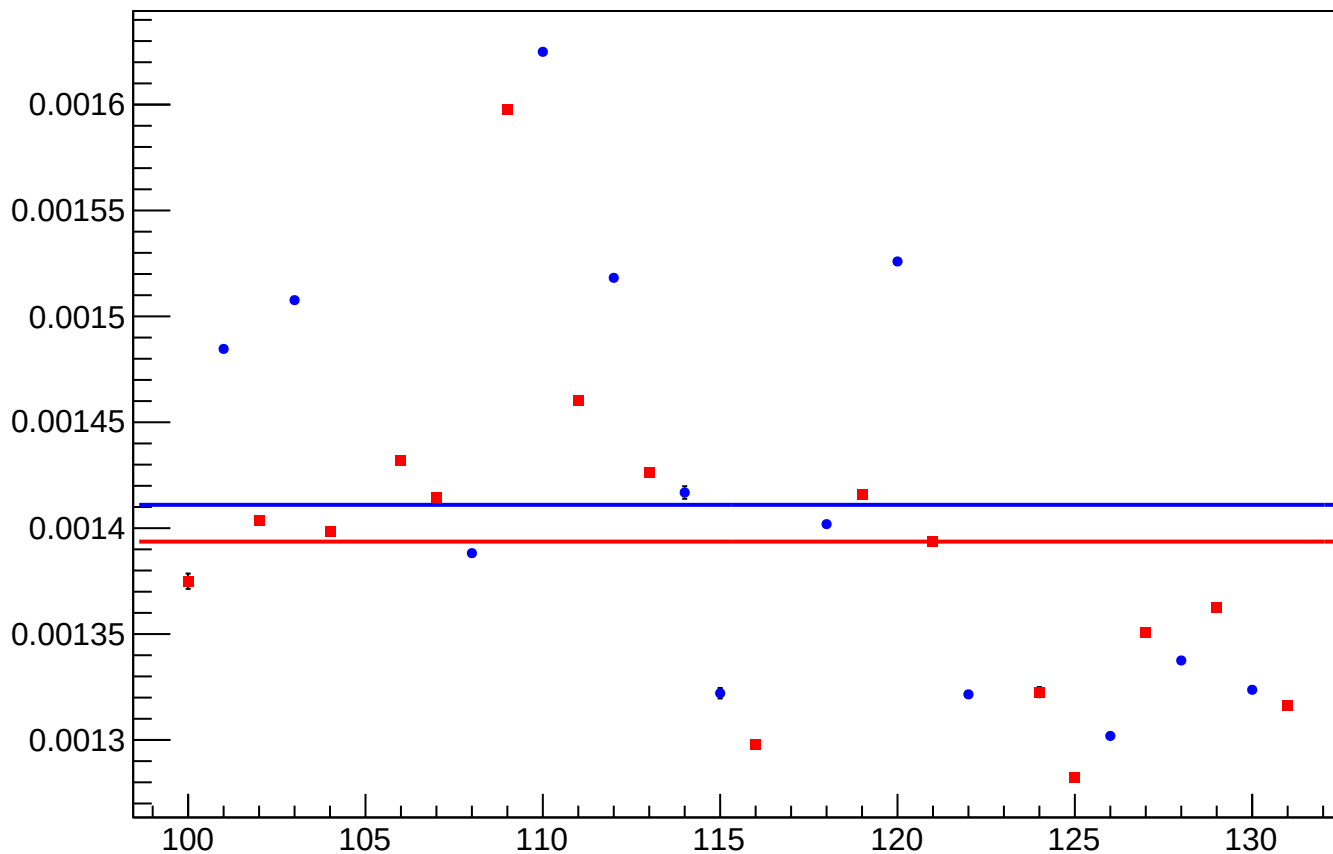
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.214+/-0.000 χ^2/NDF : 36964580782.4/12

- 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 : 46290.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 32960.9/15

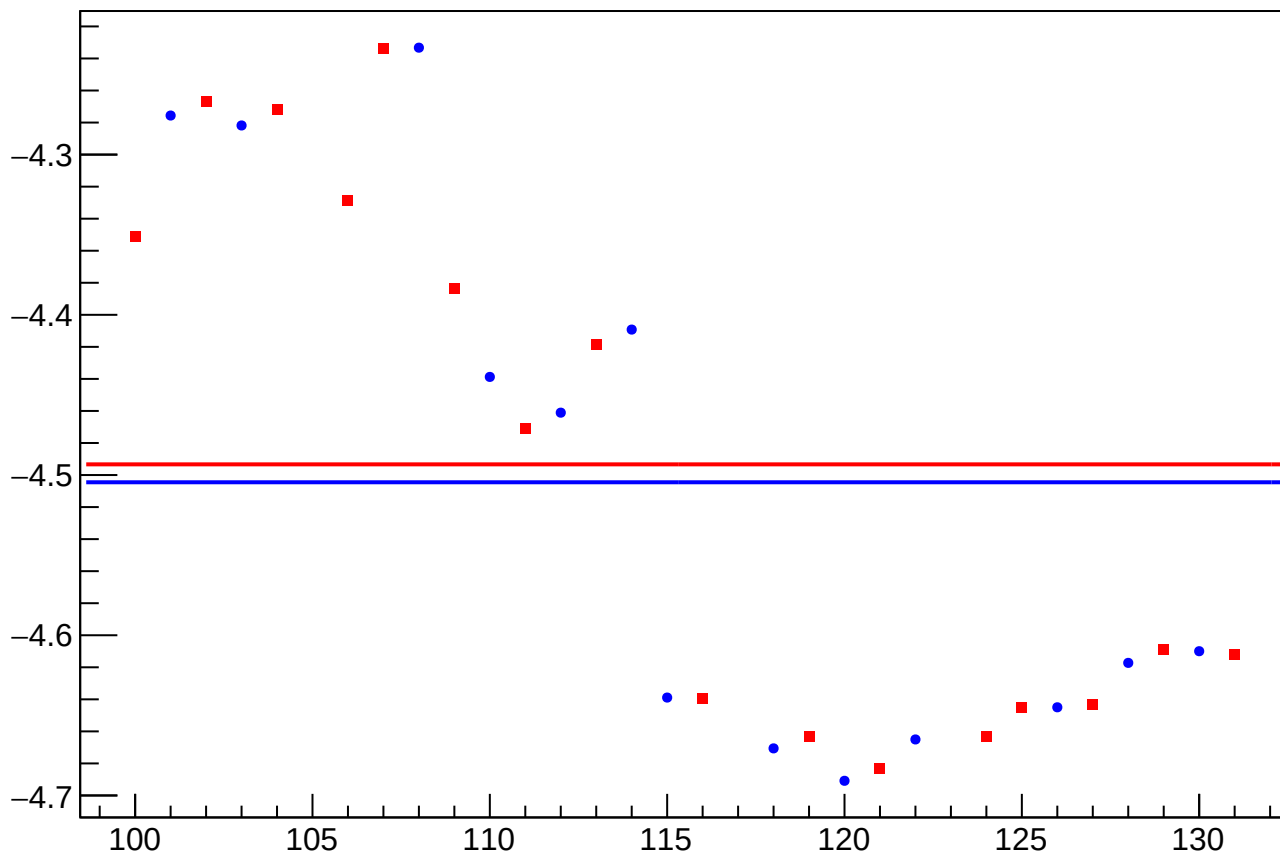
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 80120.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01Y_mean vs Slug



Right In: -4.505+/-0.000 χ^2/NDF : 56356191722.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.493+/-0.000 χ^2/NDF : 55397911334.5/15

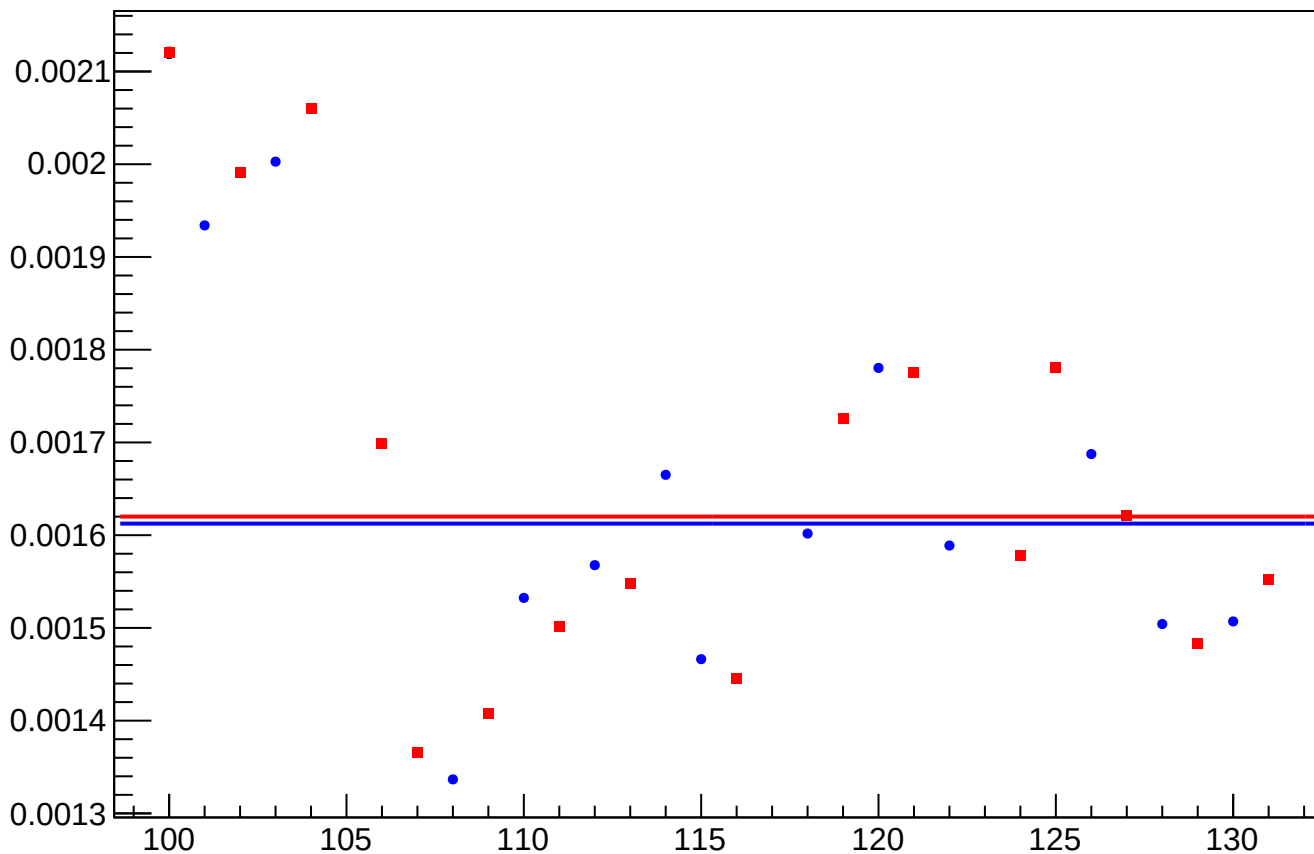
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.499+/-0.000 χ^2/NDF : 111888851620.4

- 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 : 138456.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 180729.0/15

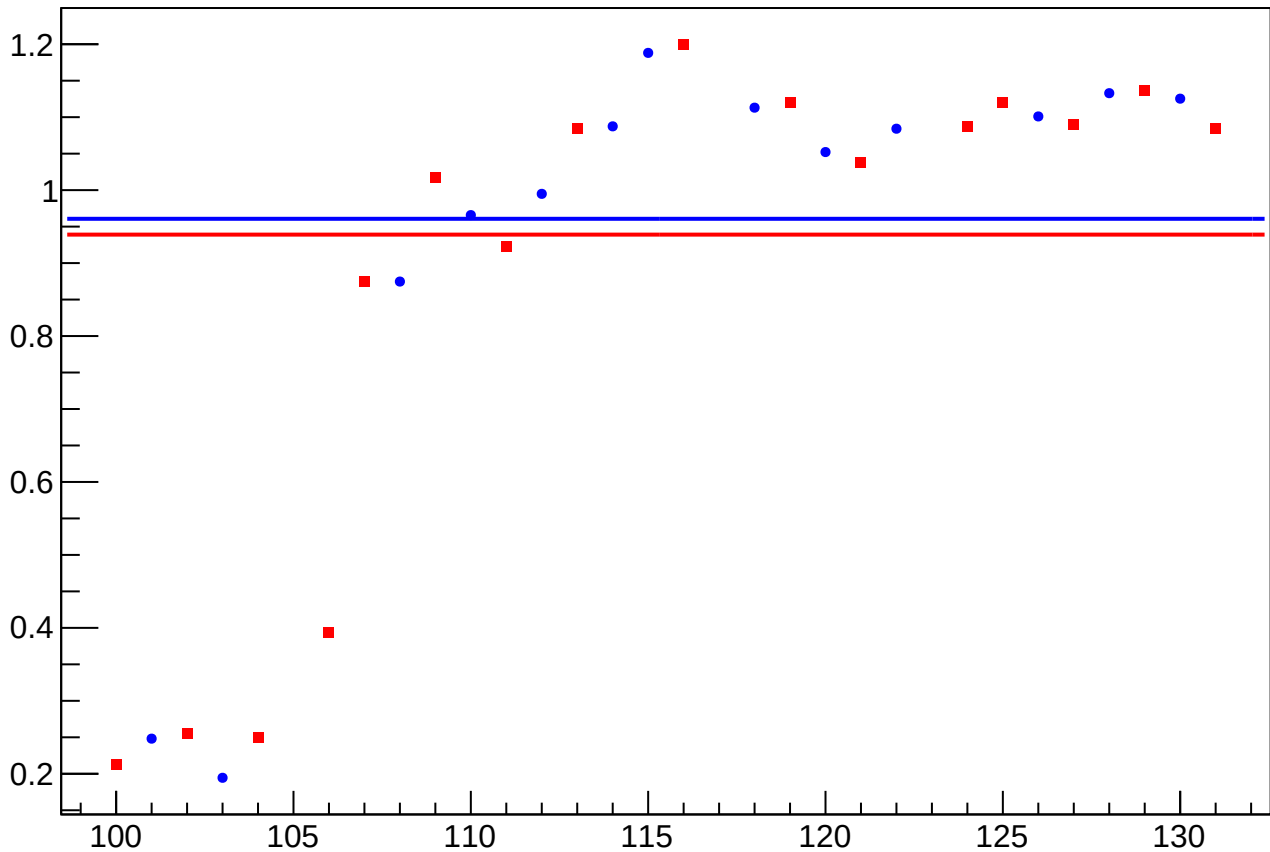
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 319309.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i02X_mean vs Slug



Right In: 0.961+/-0.000 χ^2/NDF : 11040545710.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.939+/-0.000 χ^2/NDF : 14151295905.7/15

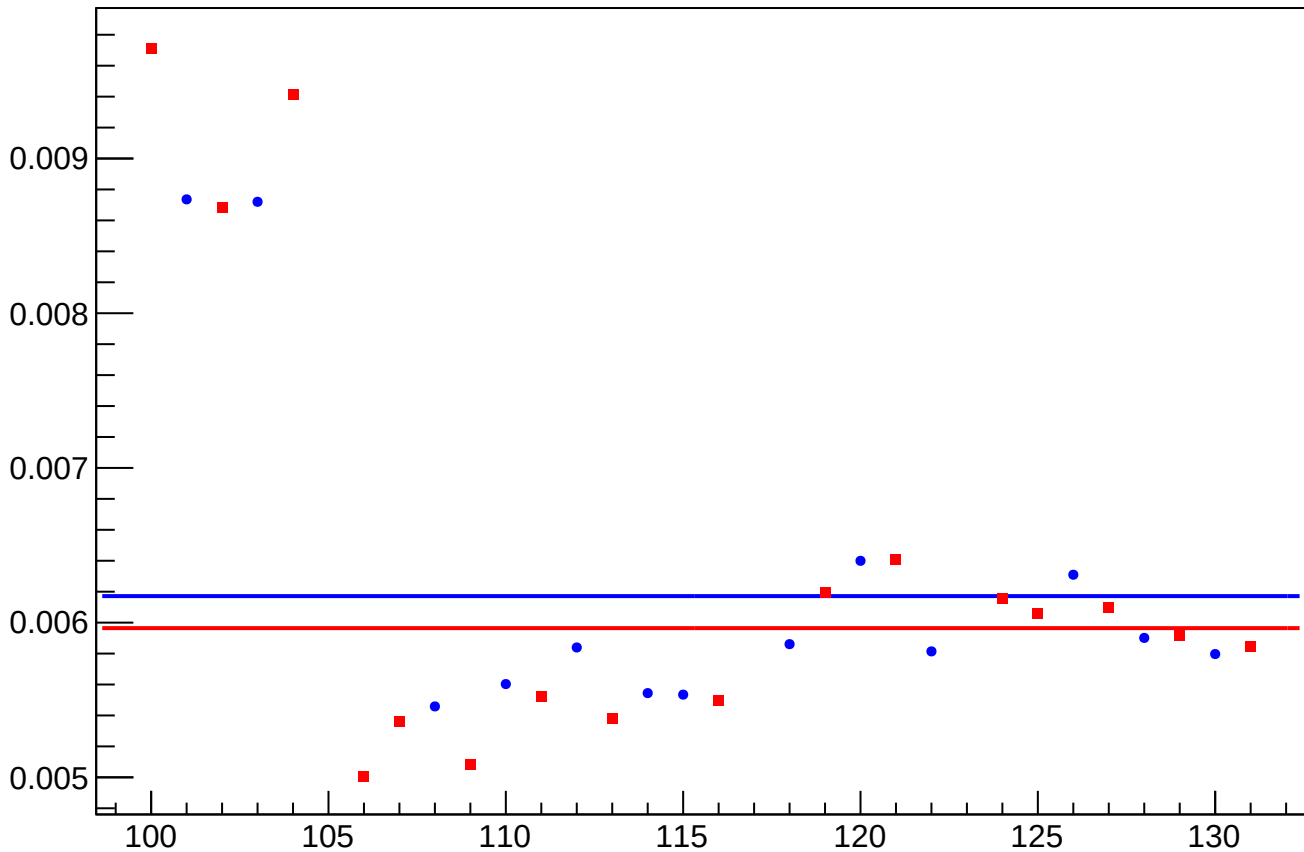
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.949+/-0.000 χ^2/NDF : 25228243499.0/20

- 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 : 259445.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 378169.0/15

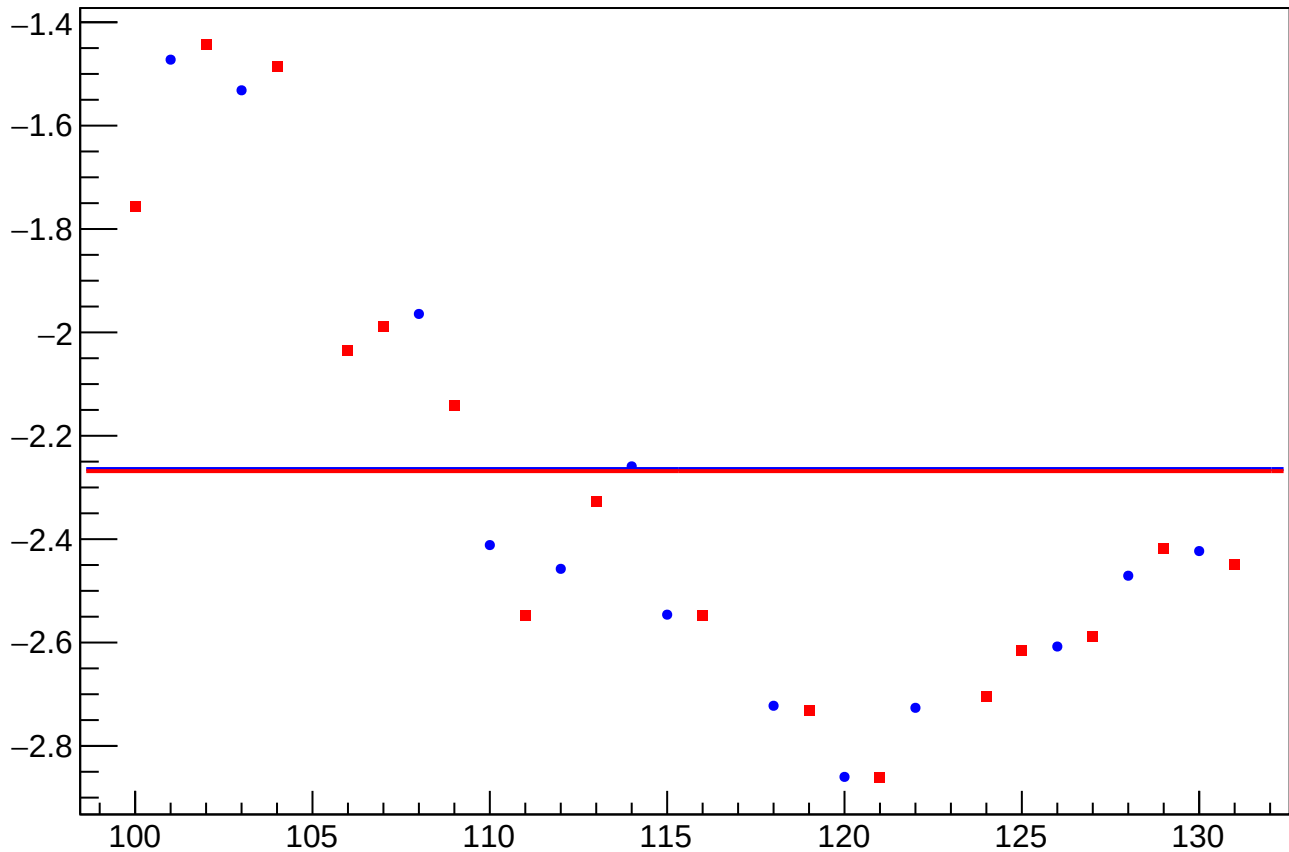
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 644255.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i02Y_mean vs Slug



Right In: -2.264+/-0.000 χ^2/NDF : 37277805900.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.268+/-0.000 χ^2/NDF : 38325788996.2/15

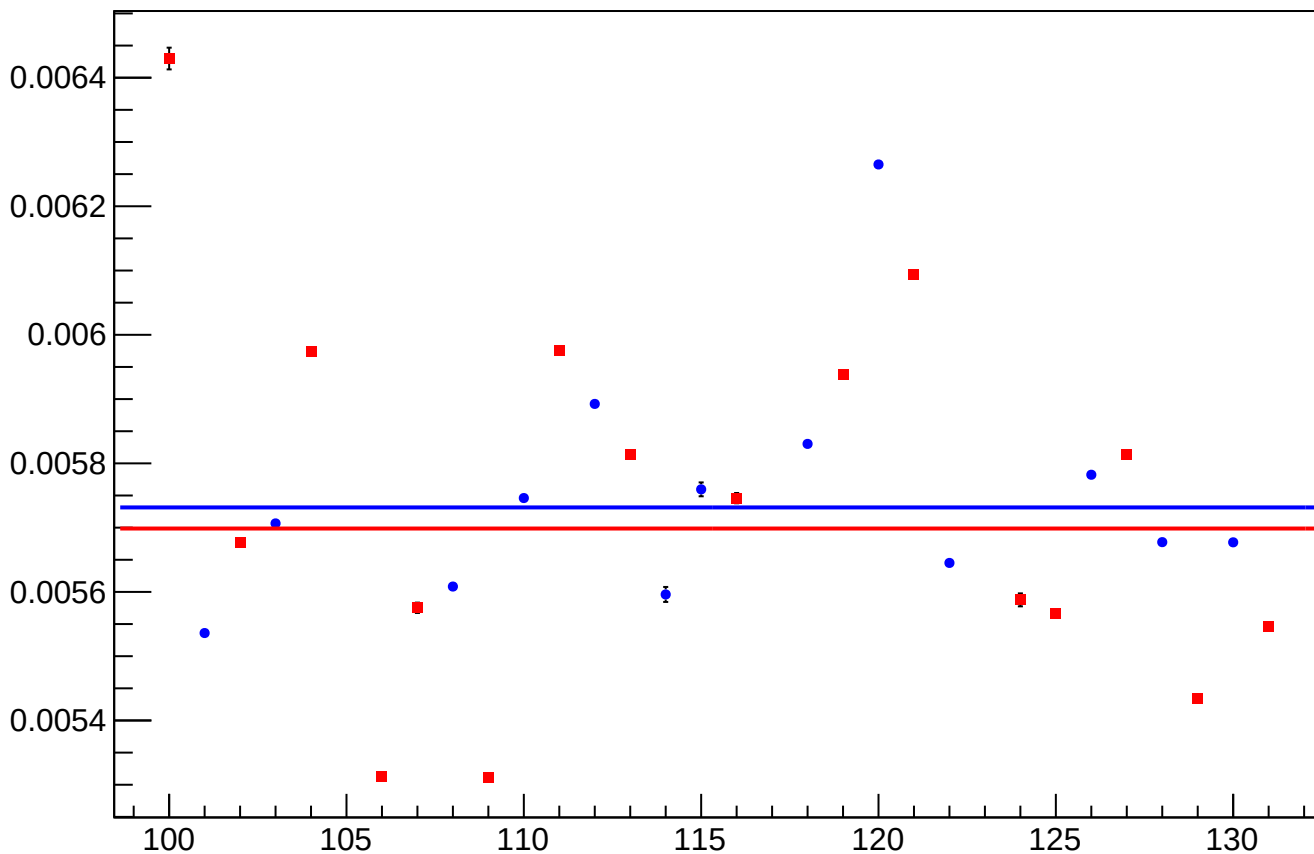
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.267+/-0.000 χ^2/NDF : 75605029075.5

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i02Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 8735.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 24825.6/15

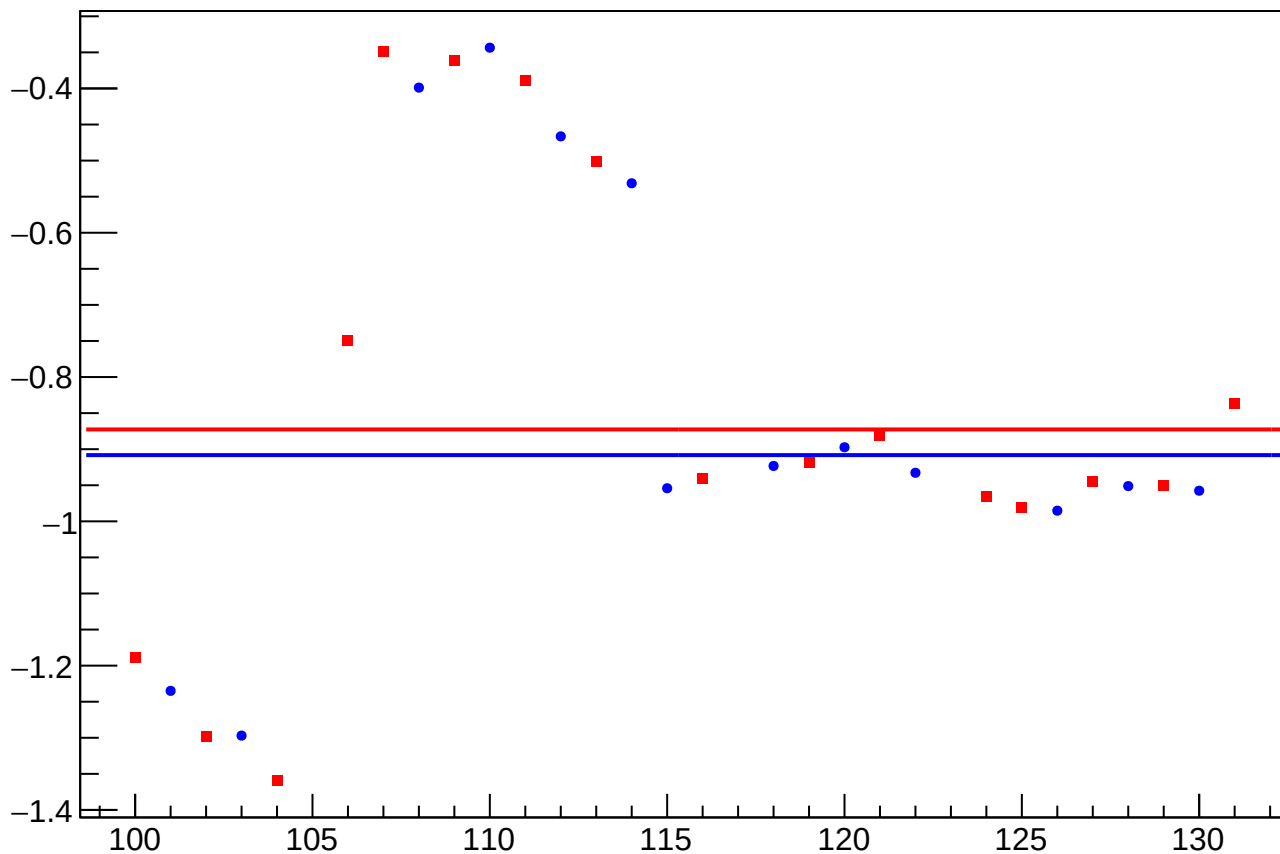
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 33755.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01X_mean vs Slug



Right In: -0.908 $\pm$ 0.000 χ^2 /NDF: 4162295946.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.873 $\pm$ 0.000 χ^2 /NDF: 5765821849.0/15

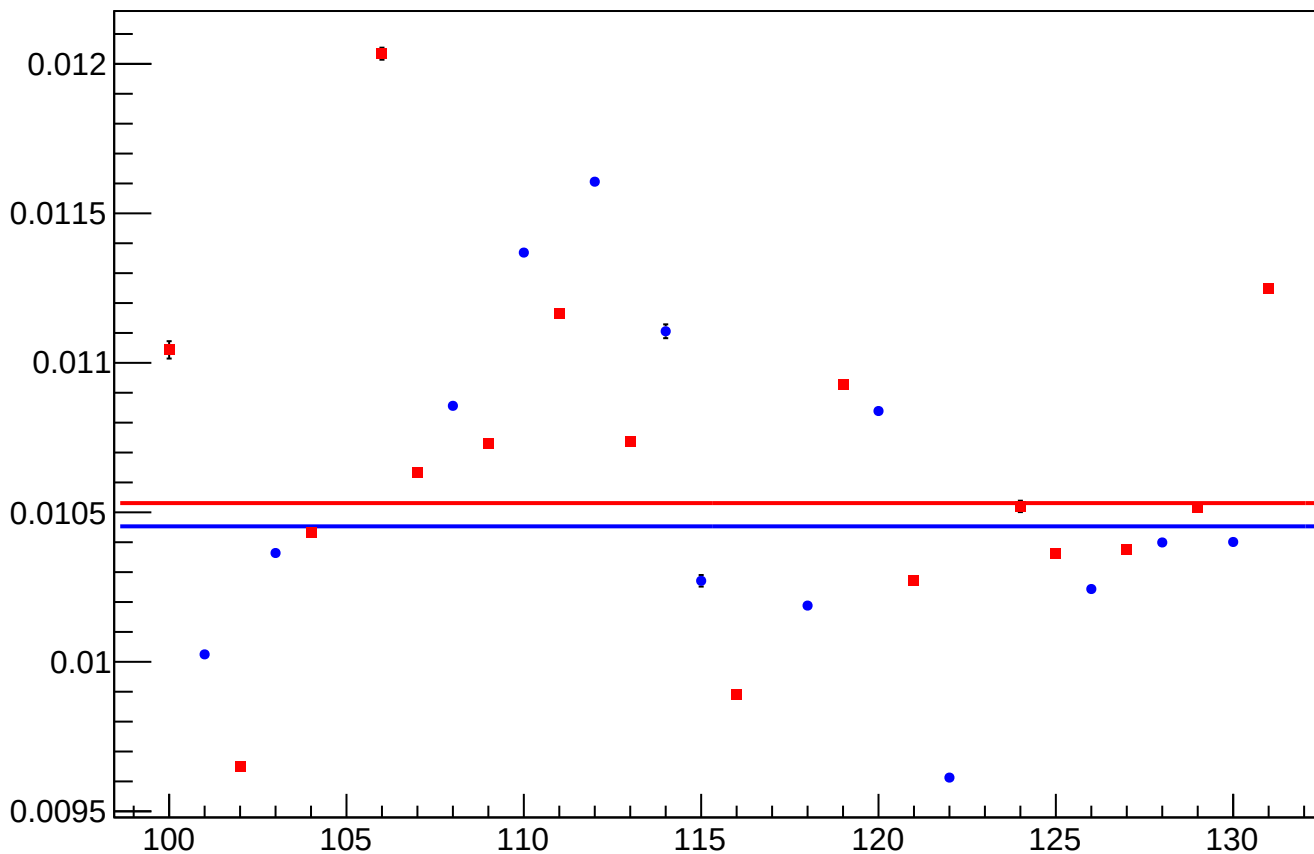
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.889 $\pm$ 0.000 χ^2 /NDF: 9961179245.3/2

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i01X_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF : 26928.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 28200.0/15

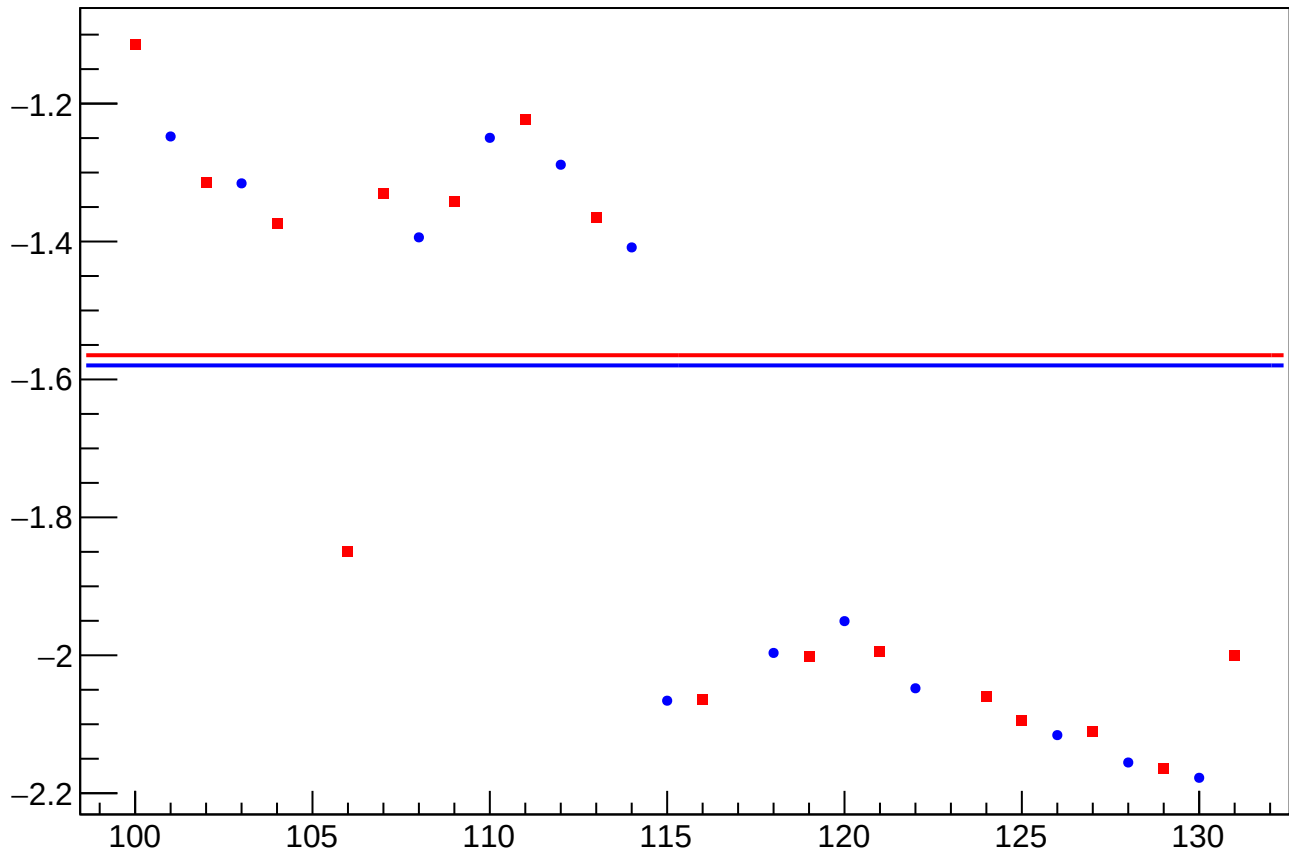
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 55444.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01Y_mean vs Slug



Right In: -1.580+/-0.000 χ^2/NDF : 121715428587.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.565+/-0.000 χ^2/NDF : 111690868144.1/15

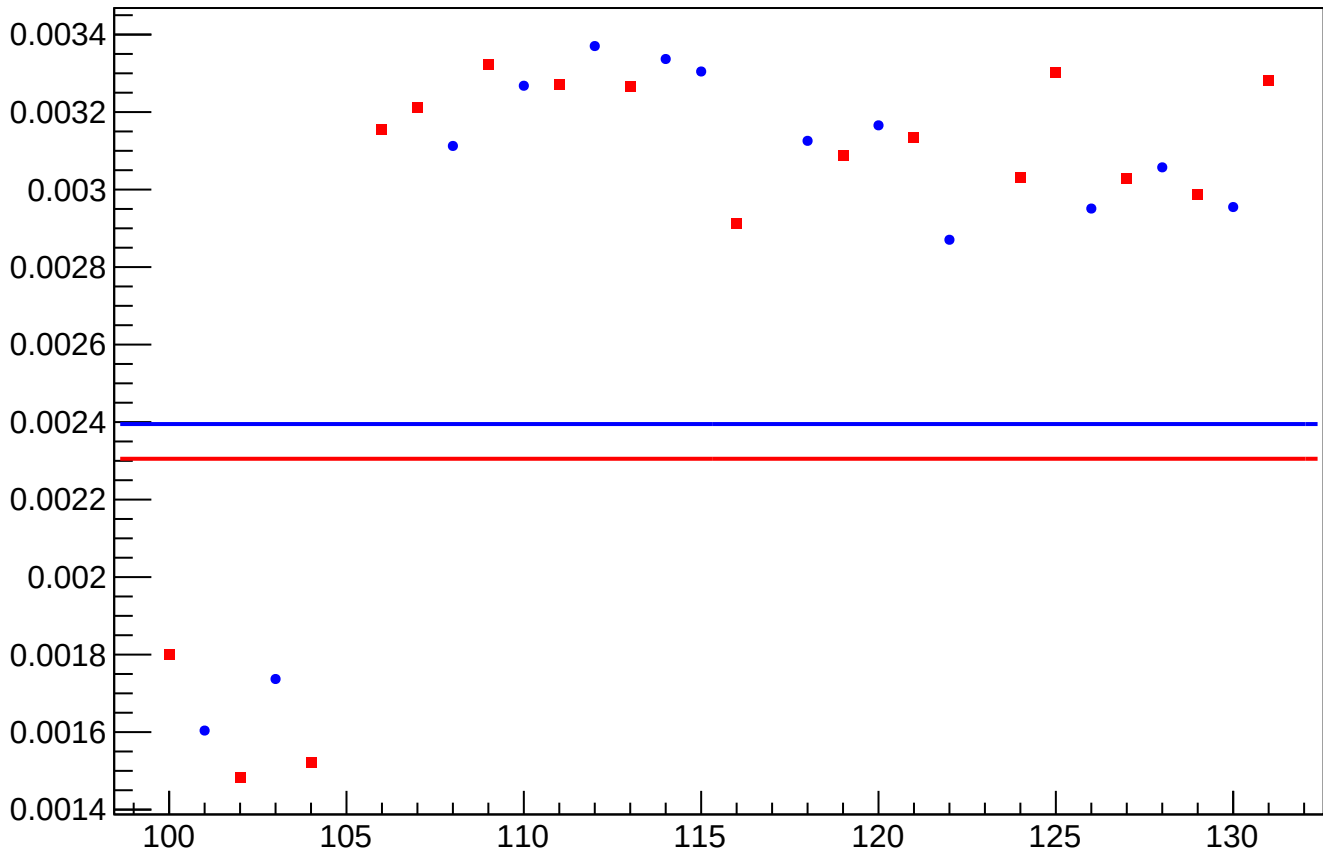
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.572+/-0.000 χ^2/NDF : 233500879599.4

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01Y_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 847466.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1277079.3/15

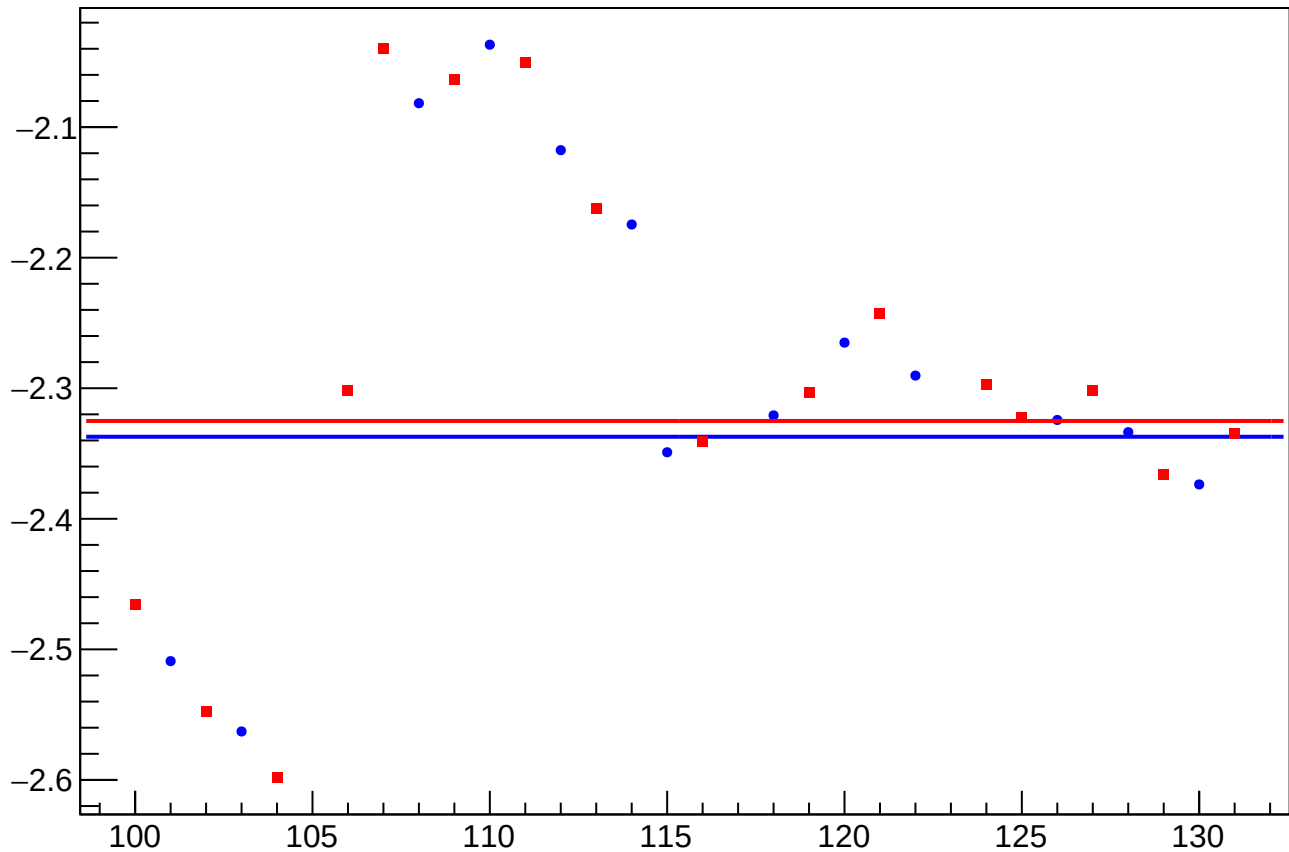
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2131501.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01aX_mean vs Slug



Right In: -2.337+/-0.000 χ^2 /NDF: 3234586358.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.325+/-0.000 χ^2 /NDF: 4547801843.9/15

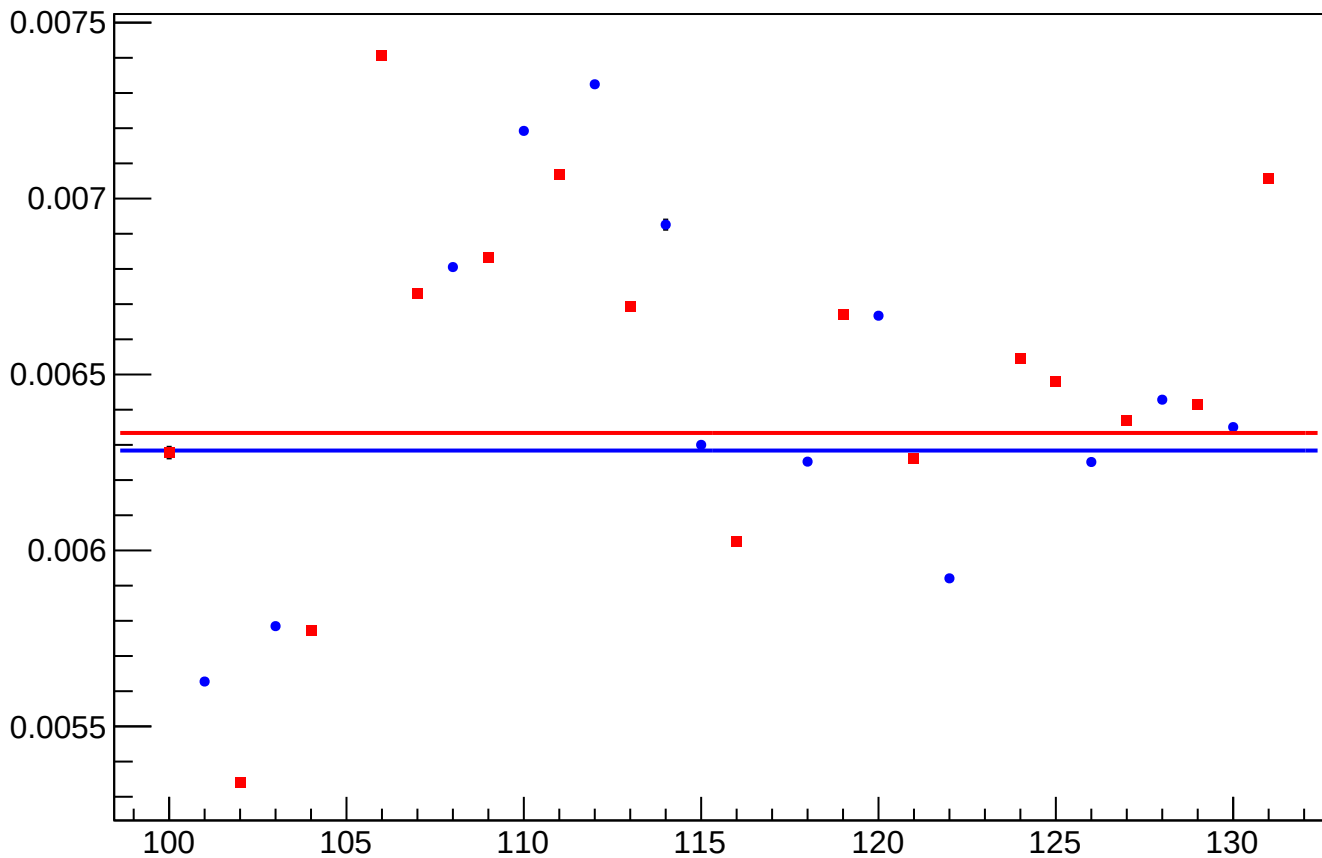
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2.331+/-0.000 χ^2 /NDF: 7792772585.6/2

- 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 : 69494.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 94392.3/15

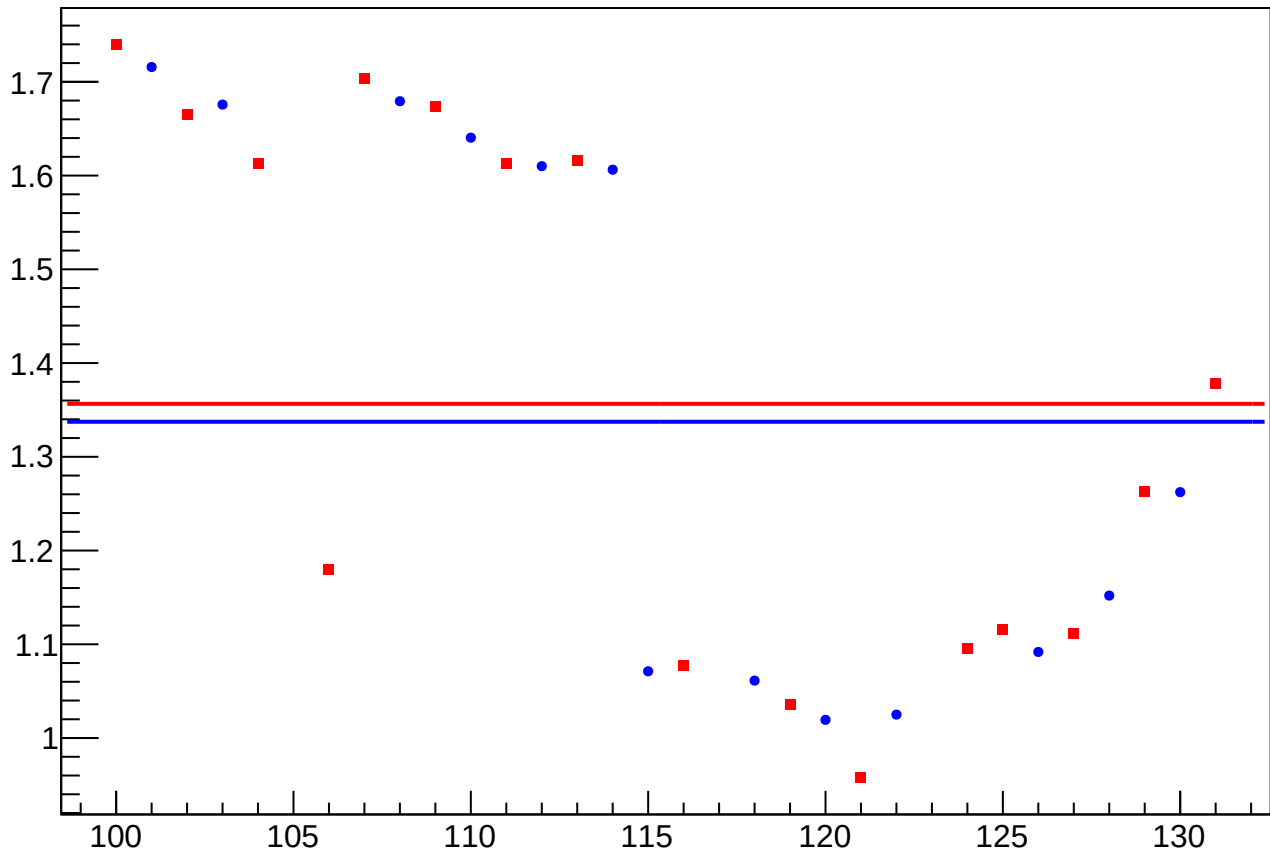
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 164241.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01aY_mean vs Slug



Right In: 1.337+/-0.000 χ^2/NDF : 100287523339.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.357+/-0.000 χ^2/NDF : 104932785990.4/15

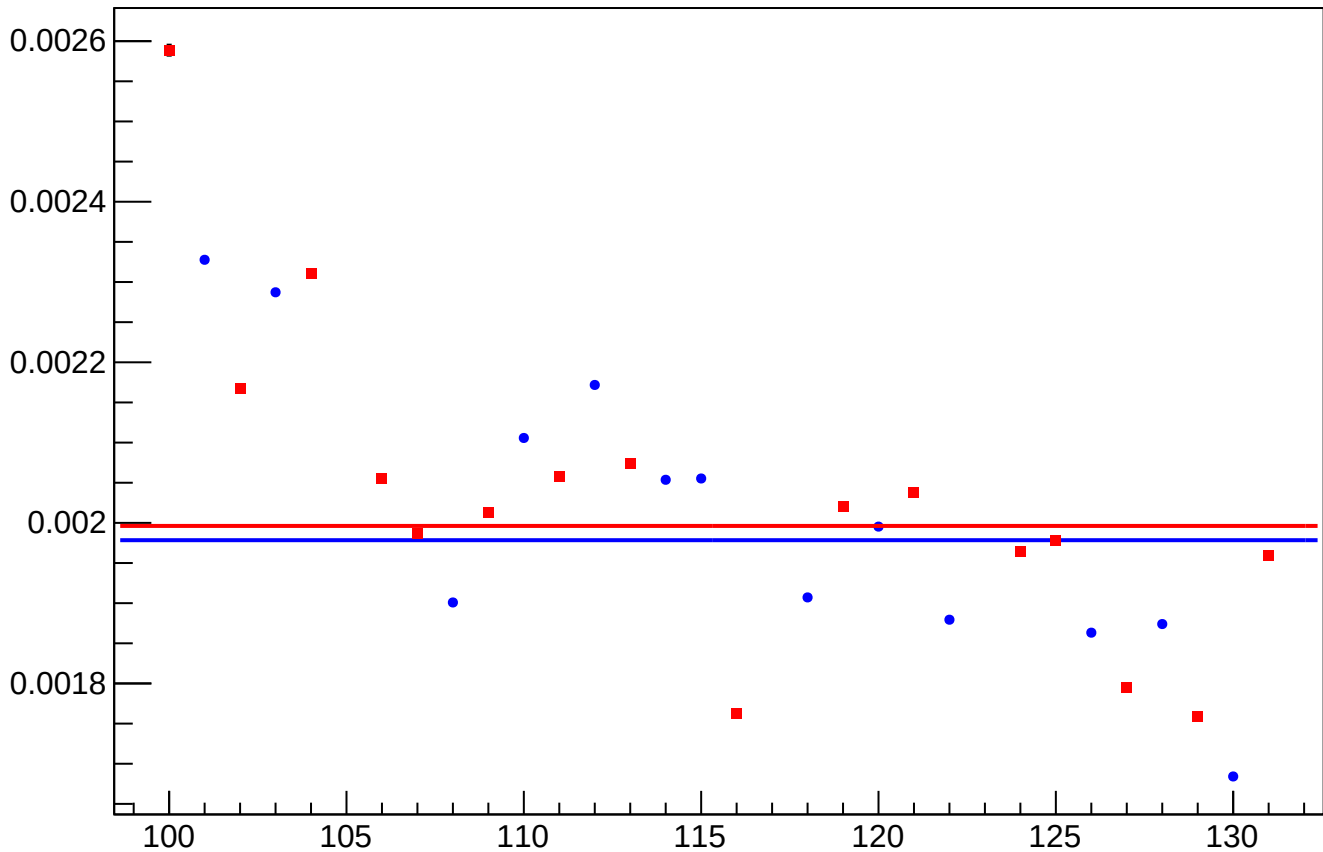
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.347+/-0.000 χ^2/NDF : 205469843331.2

- 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 : 100616.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 71964.2/15

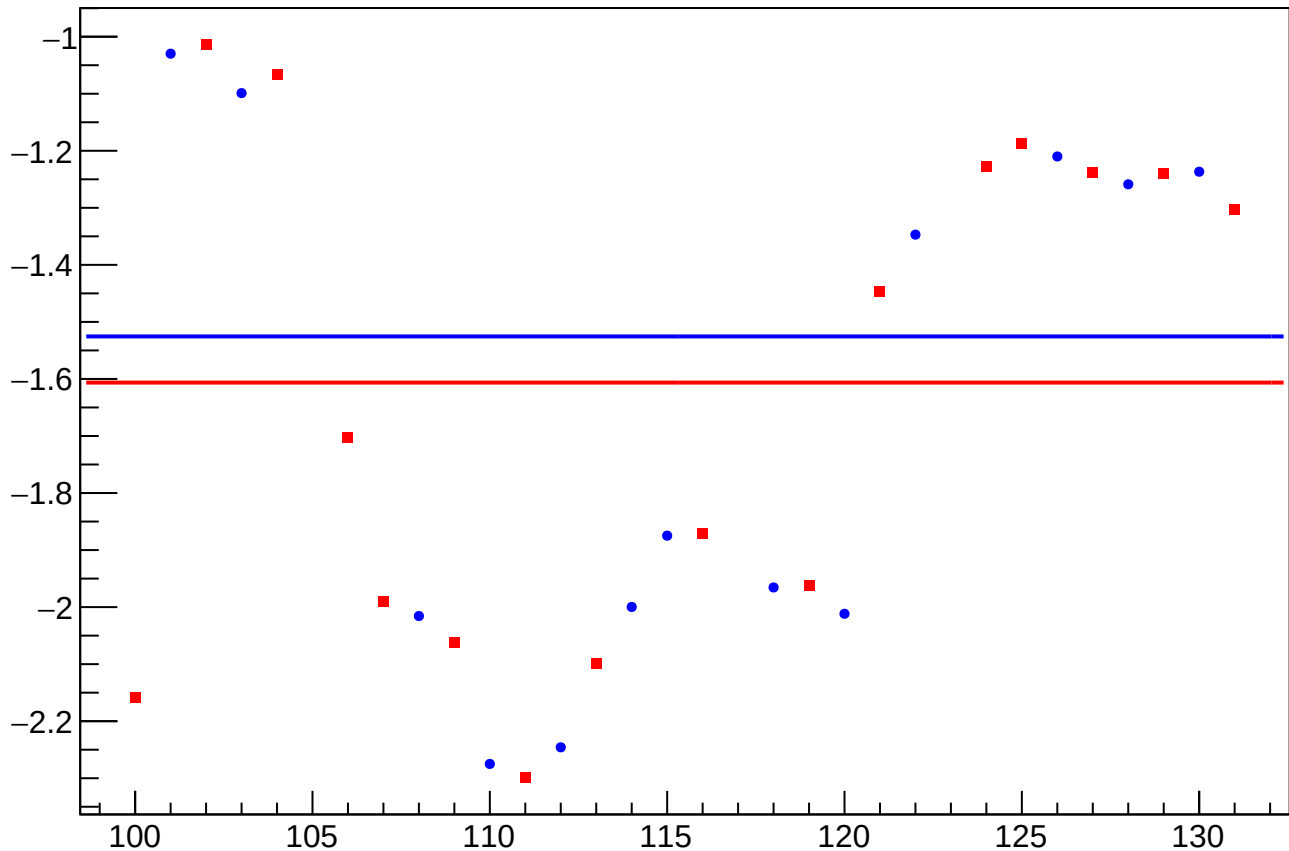
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 173011.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01X_mean vs Slug



Right In: -1.525+/-0.000 χ^2/NDF : 22174328545.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.606+/-0.000 χ^2/NDF : 28262318663.1/15

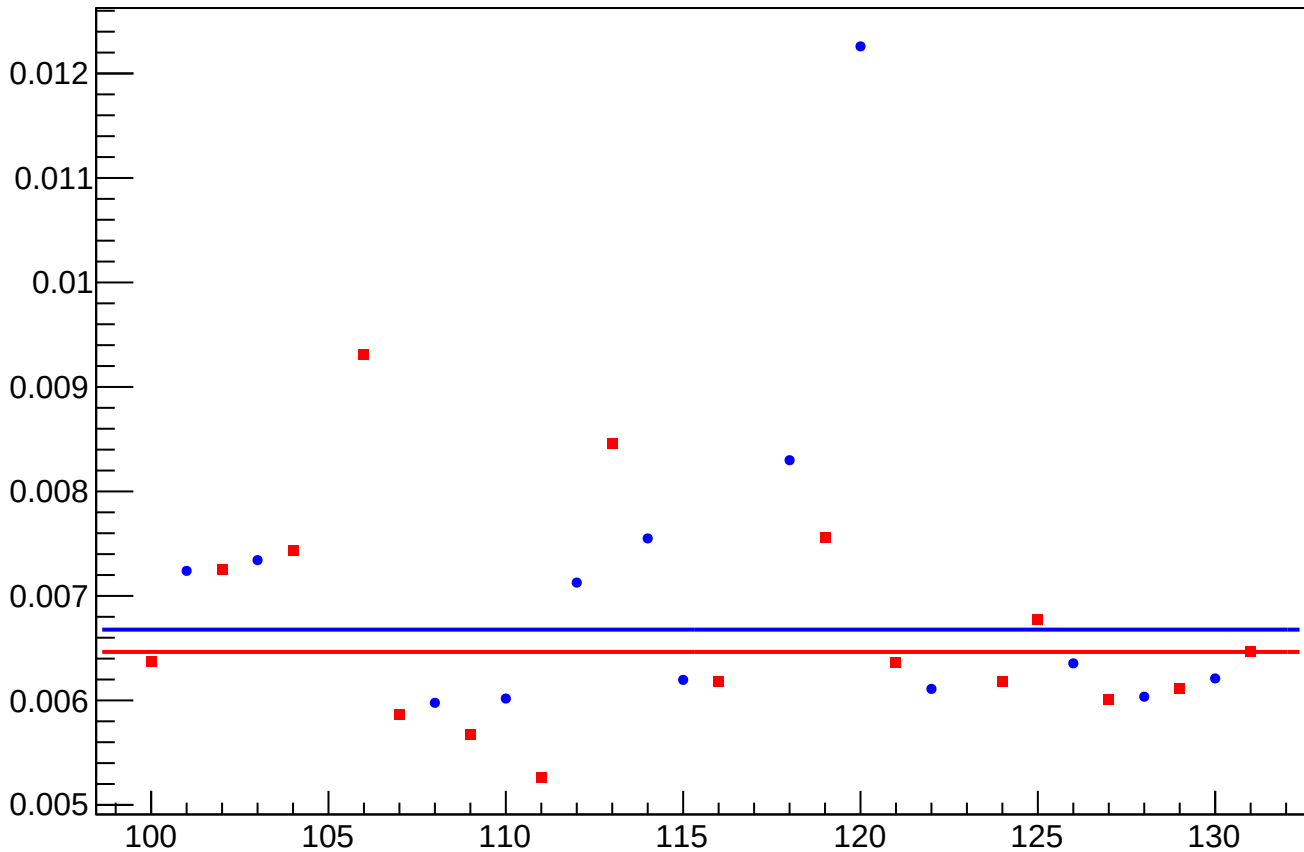
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.571+/-0.000 χ^2/NDF : 50835576194.5/15

- 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 : 216864.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 220636.9/15

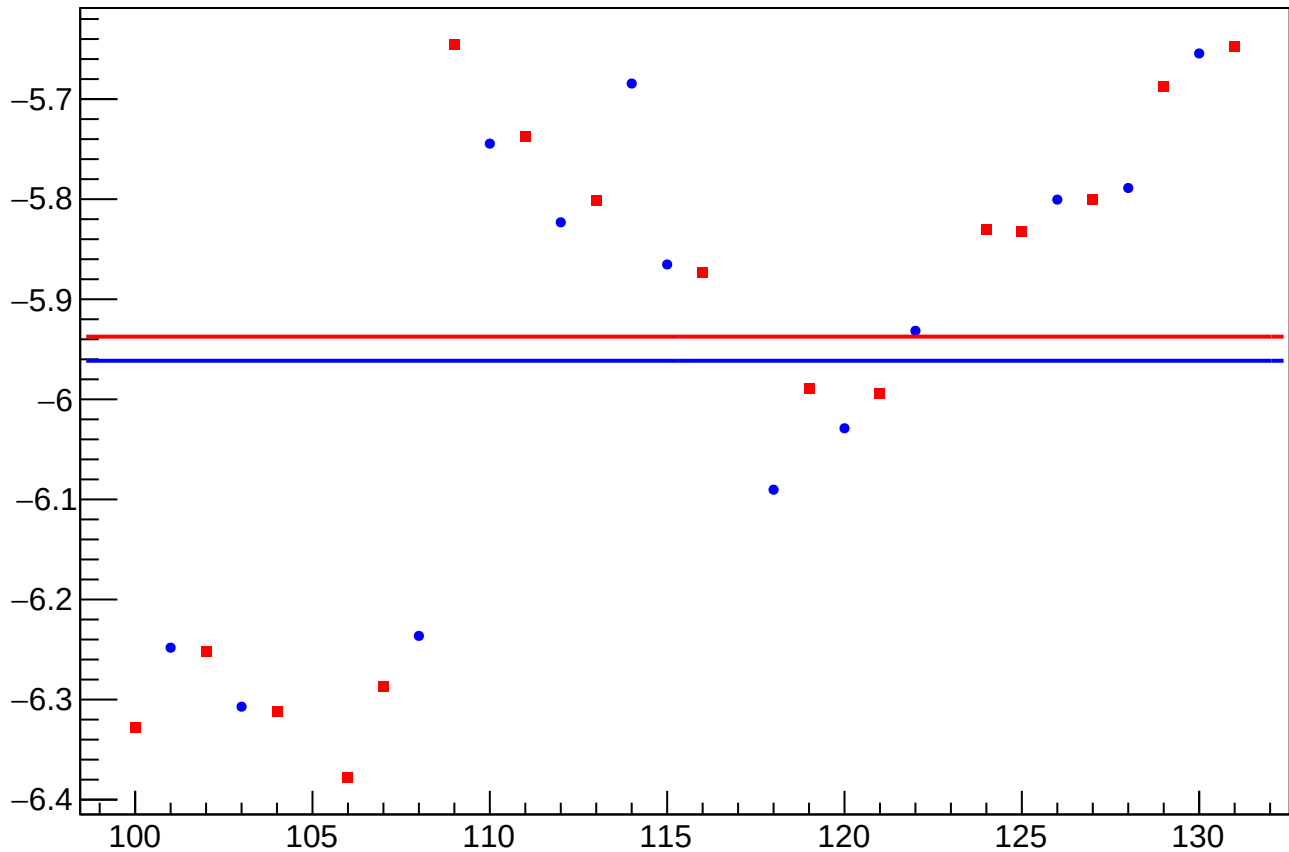
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 443060.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01Y_mean vs Slug



Right In: -5.961+/-0.000 χ^2/NDF : 9588444182.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.937+/-0.000 χ^2/NDF : 12099625768.5/15

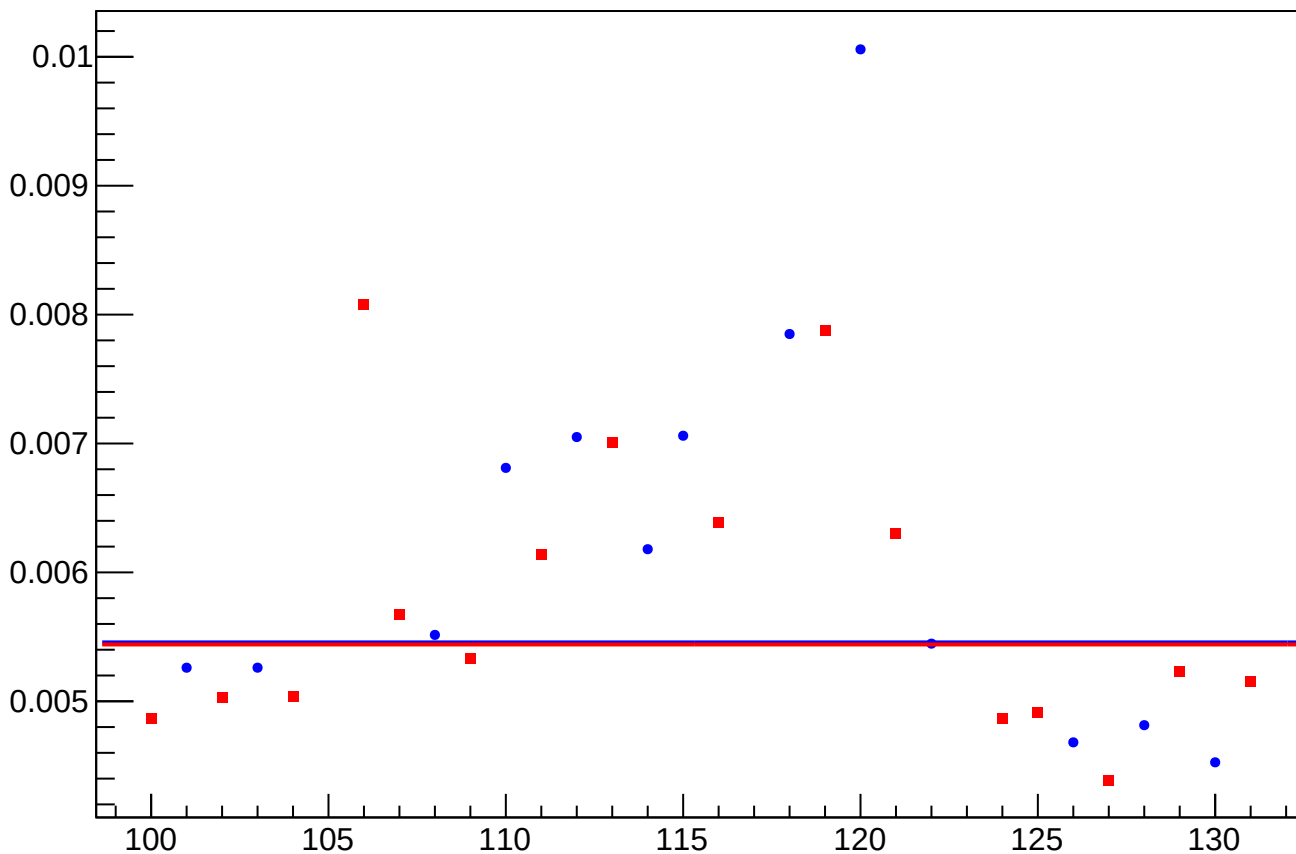
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.949+/-0.000 χ^2/NDF : 21738796595.8/18

- 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 : 369922.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 300862.3/15

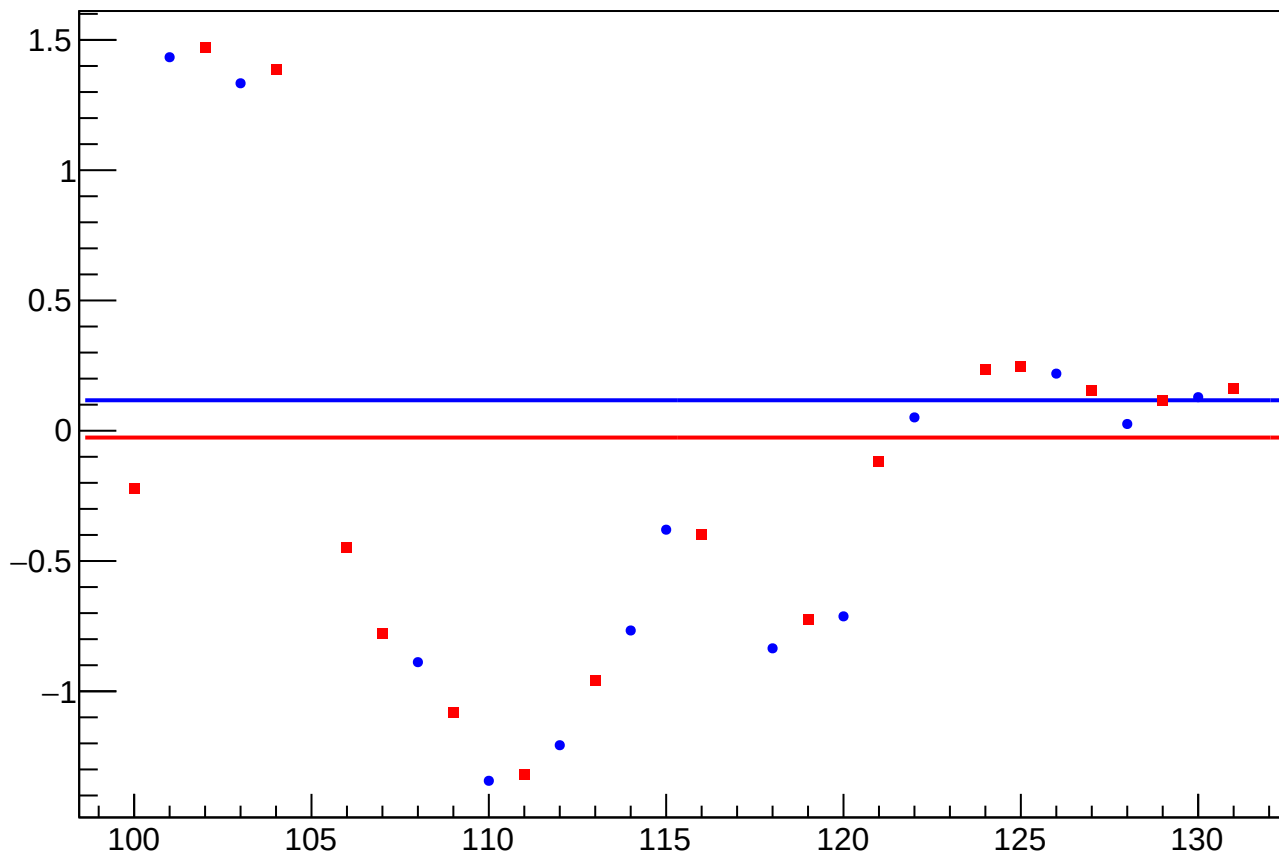
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 670828.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02X_mean vs Slug



Right In: 0.117+/-0.000 χ^2/NDF : 17386908878.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

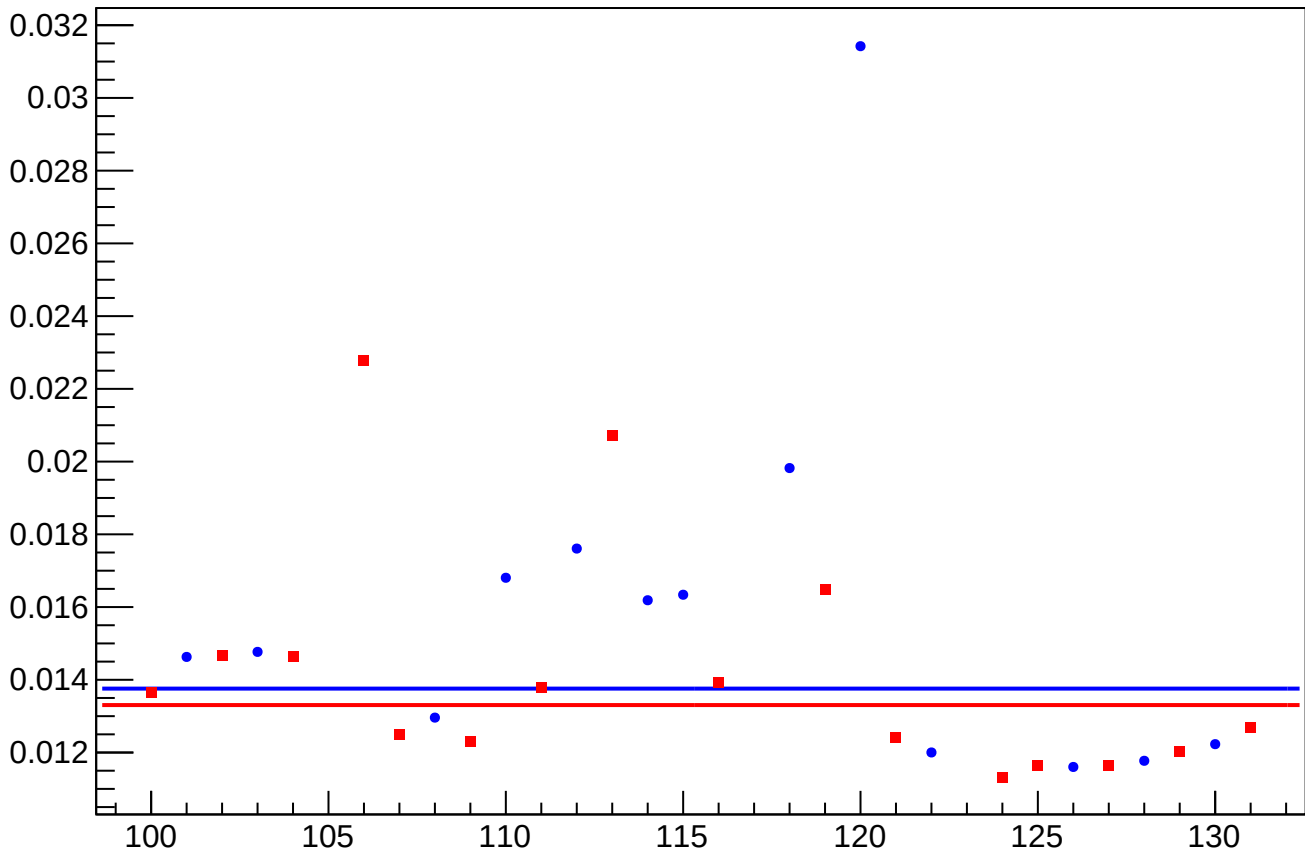
Right Out: -0.026+/-0.000 χ^2/NDF : 22080164819.4/15

All: 0.037+/-0.000 χ^2/NDF : 39754860797.5/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 409669.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 280331.1/15

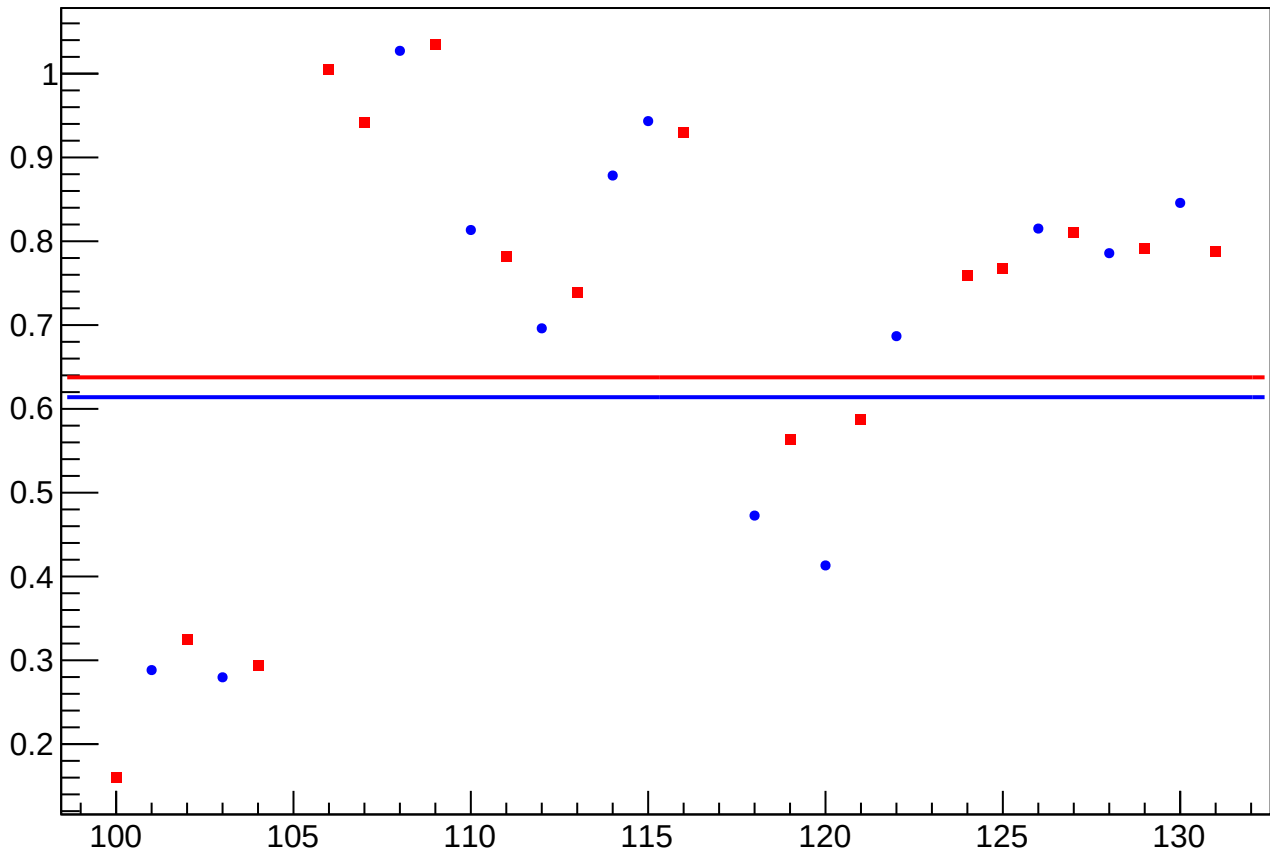
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 695757.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02Y_mean vs Slug



Right In: 0.614+/-0.000 χ^2/NDF : 5370263717.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.638+/-0.000 χ^2/NDF : 5902726155.5/15

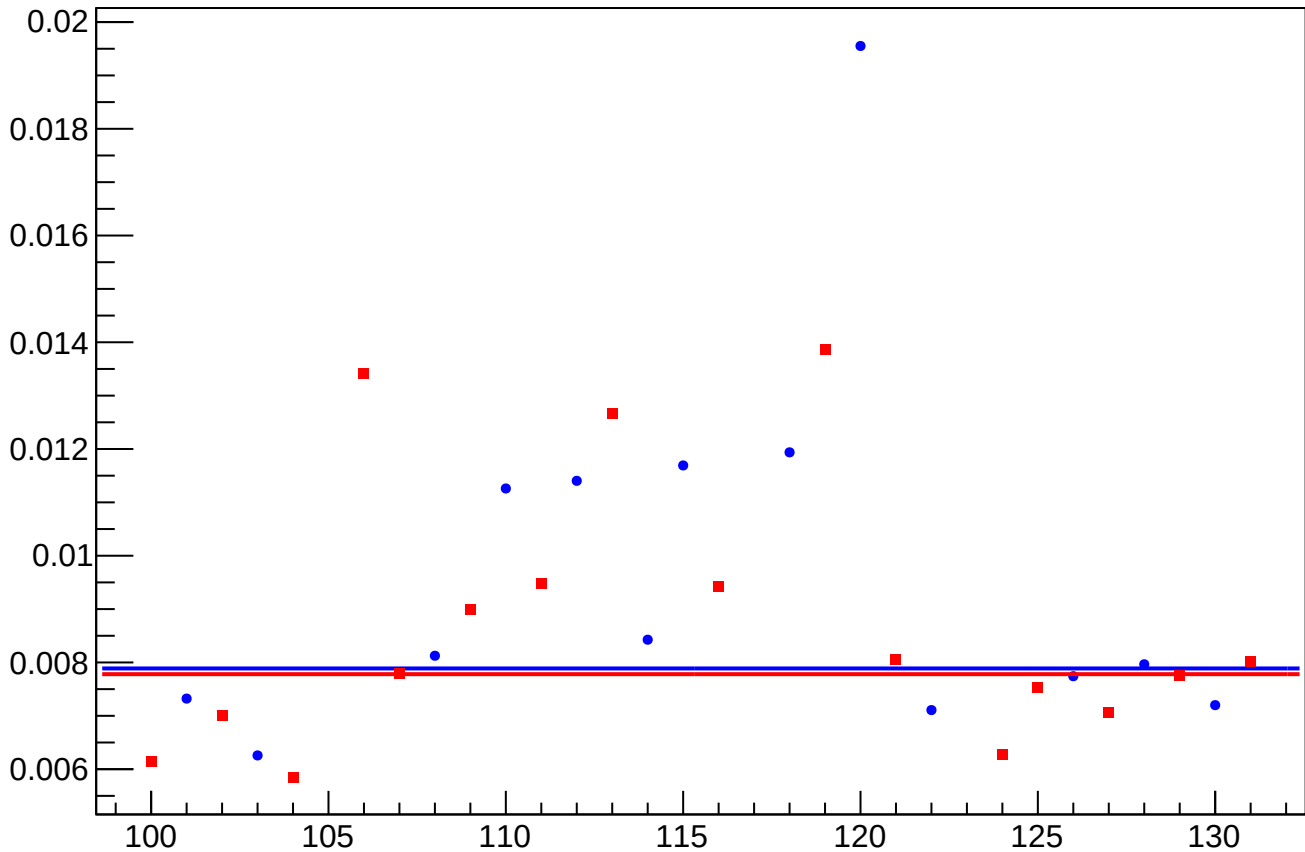
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.627+/-0.000 χ^2/NDF : 11295951603.2/2

- 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 : 569056.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 578450.8/15

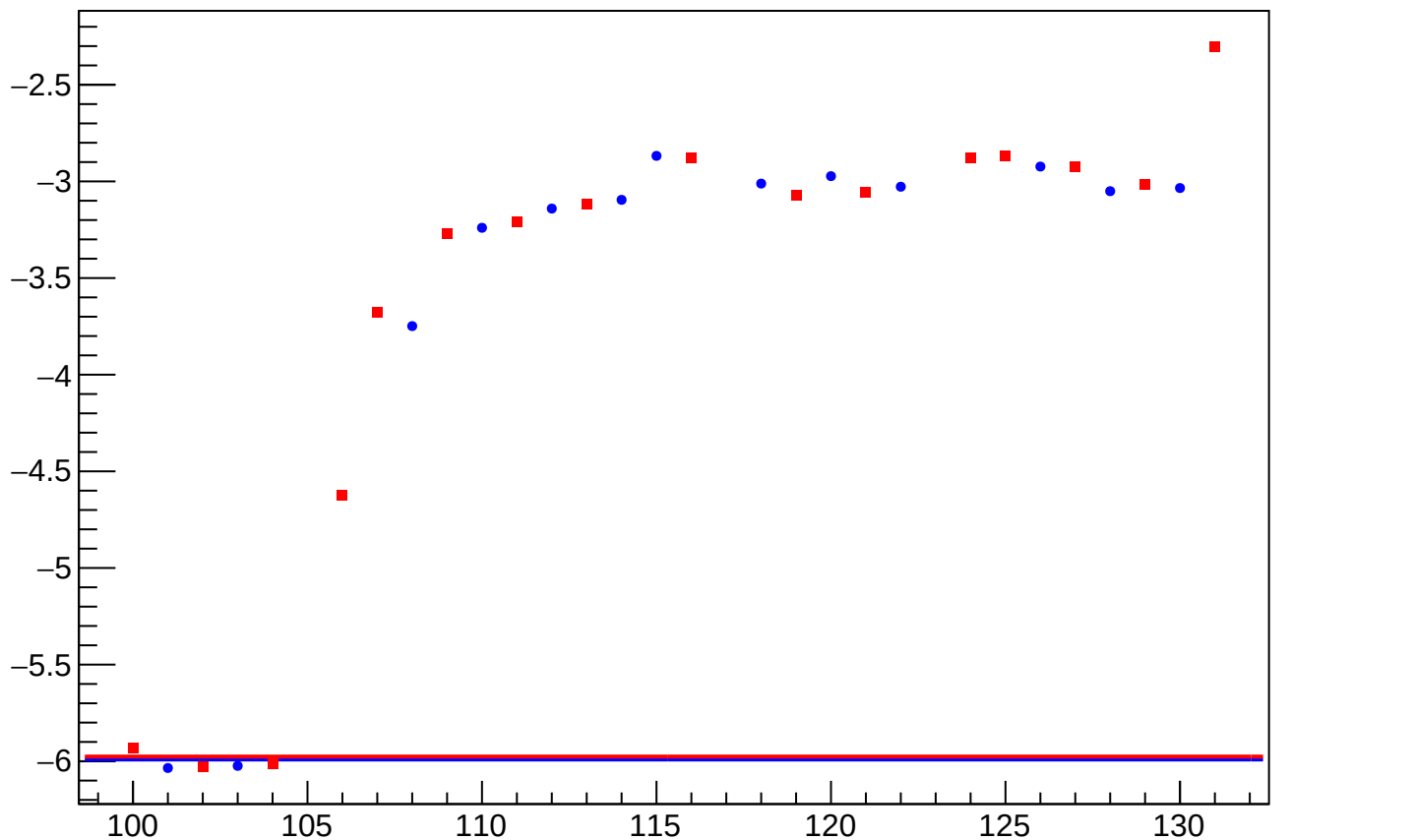
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 1148447.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l03X_mean vs Slug



Right In: -5.991+/-0.000 χ^2/NDF : 5244918193.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.976+/-0.000 χ^2/NDF : 5448649597.7/15

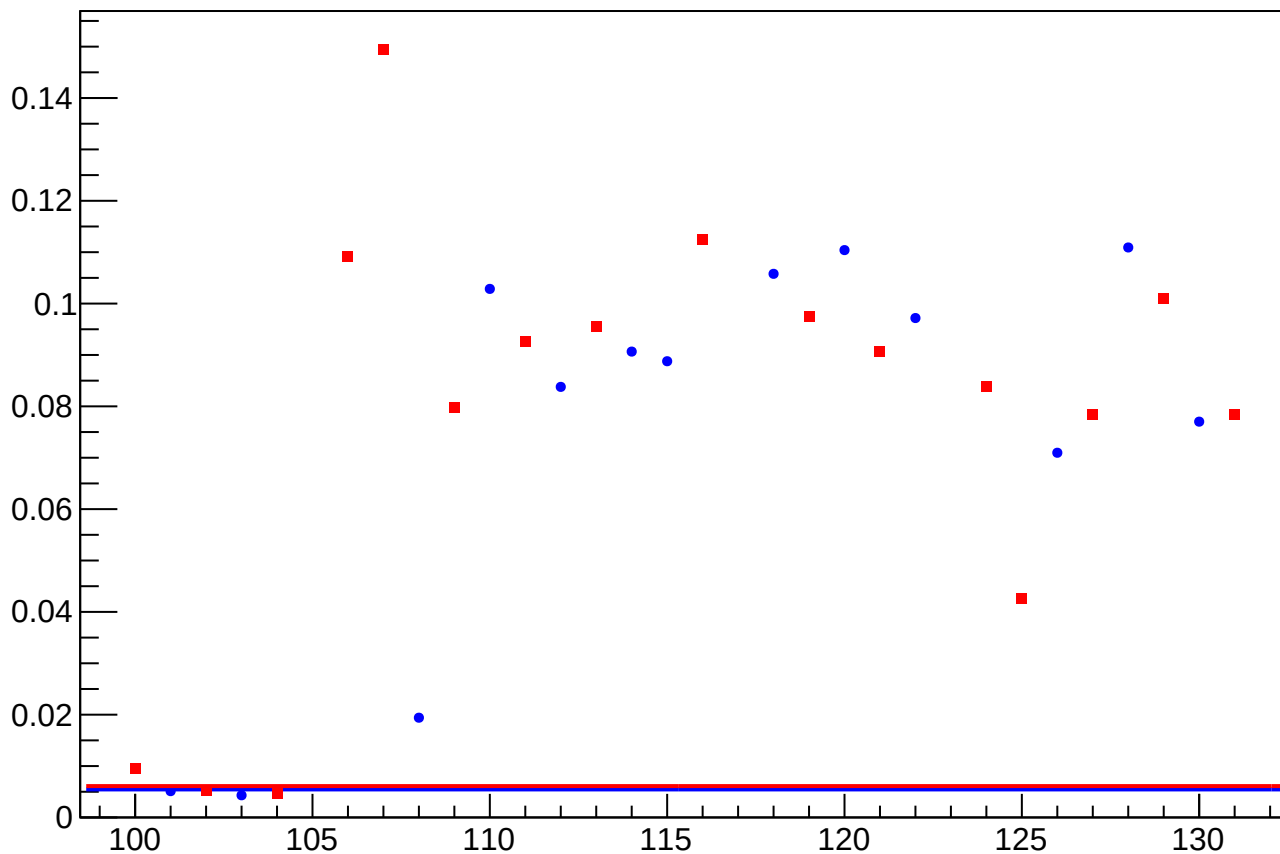
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.984+/-0.000 χ^2/NDF : 10698799397.7/18

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l03X_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 6444551.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 7778673.0/15

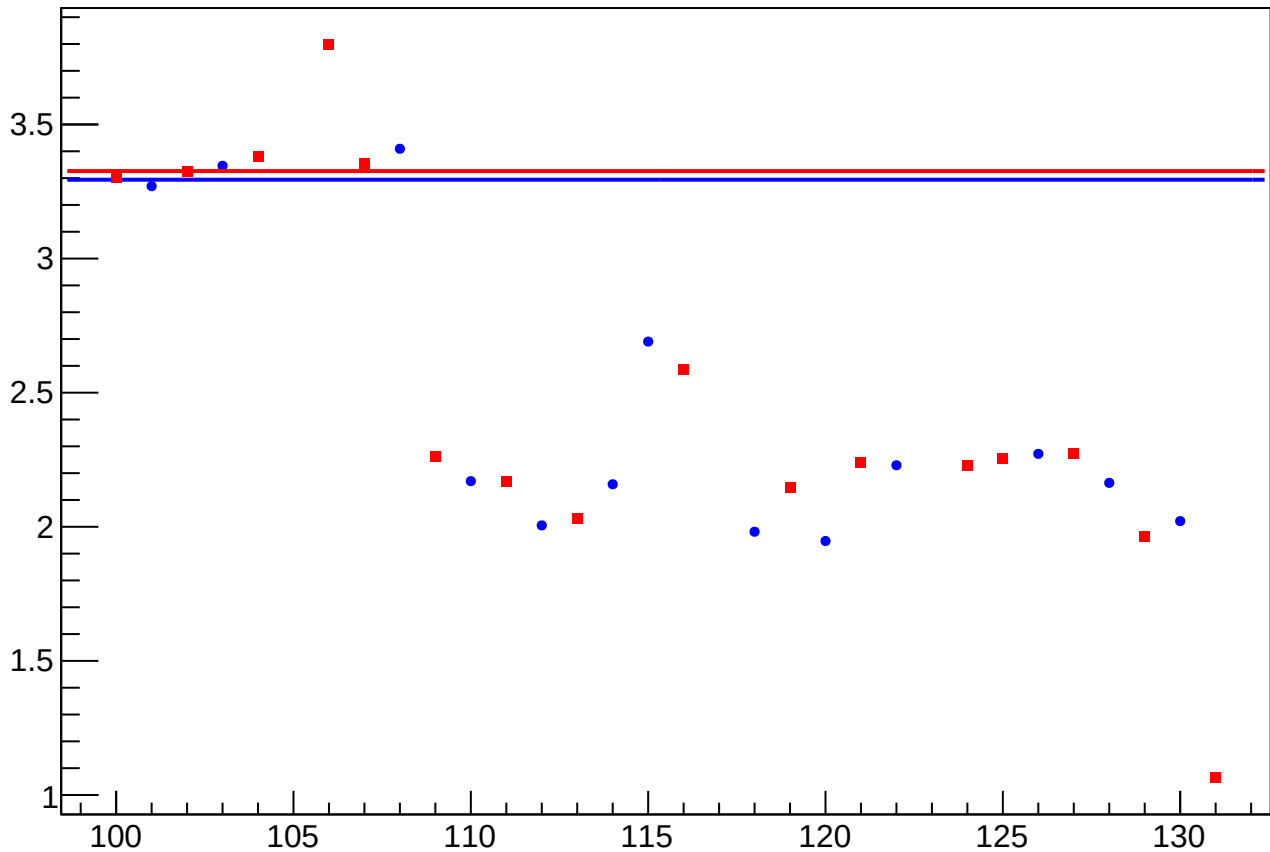
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 14242628.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l03Y_mean vs Slug



Right In: 3.294+/-0.000 χ^2/NDF : 615999400.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.326+/-0.000 χ^2/NDF : 927596000.8/15

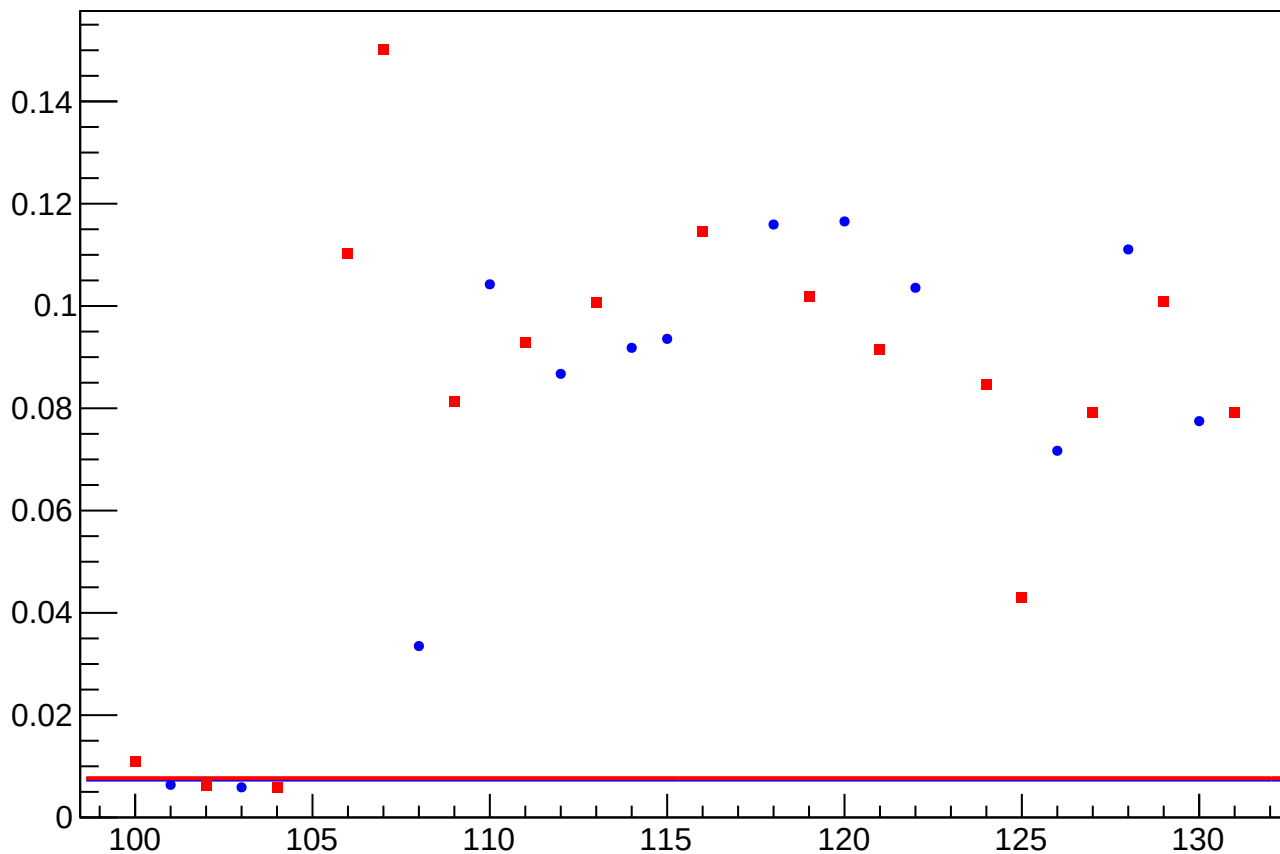
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.310+/-0.000 χ^2/NDF : 1559038438.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l03Y_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 6339299.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 7538388.9/15

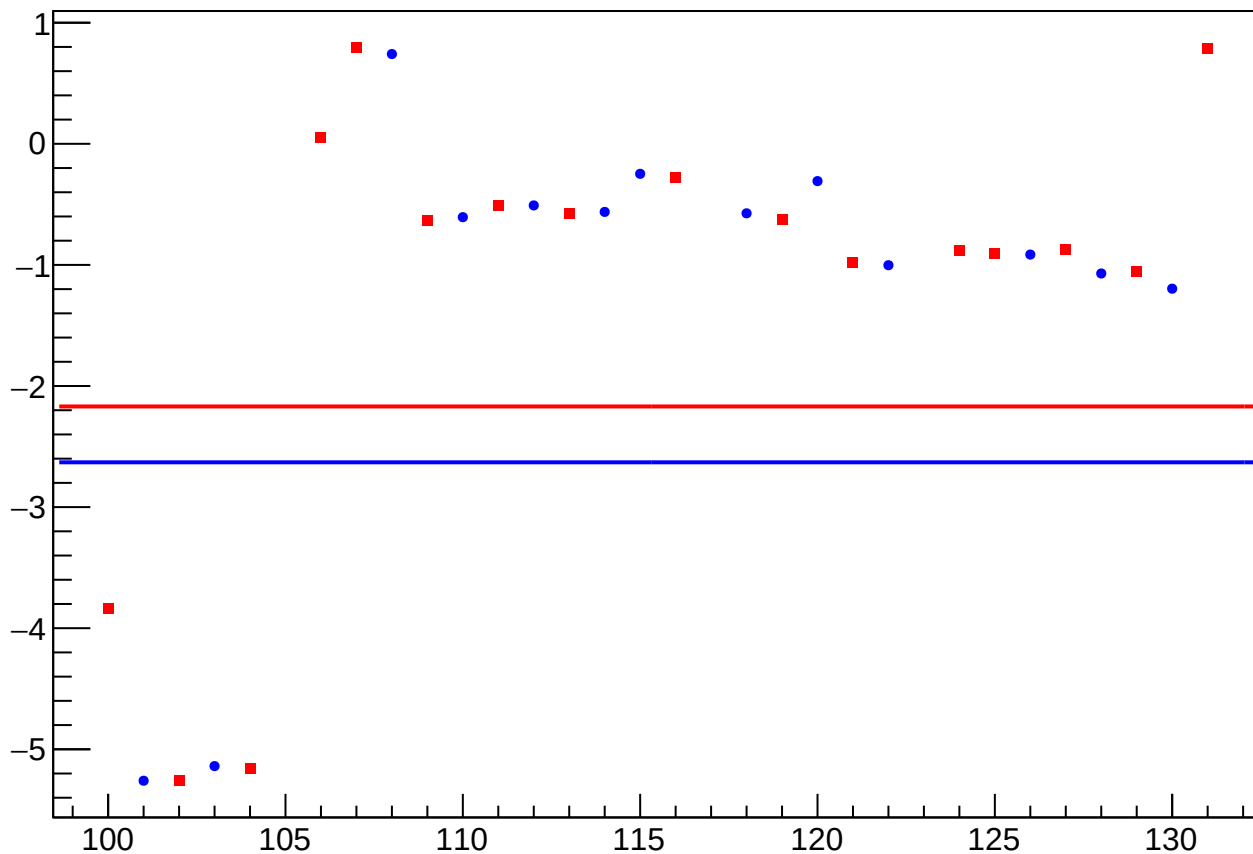
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 13879843.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04X_mean vs Slug



Right In: -2.630+/-0.000 χ^2/NDF : 105818513849.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.169+/-0.000 χ^2/NDF : 123248809382.3/15

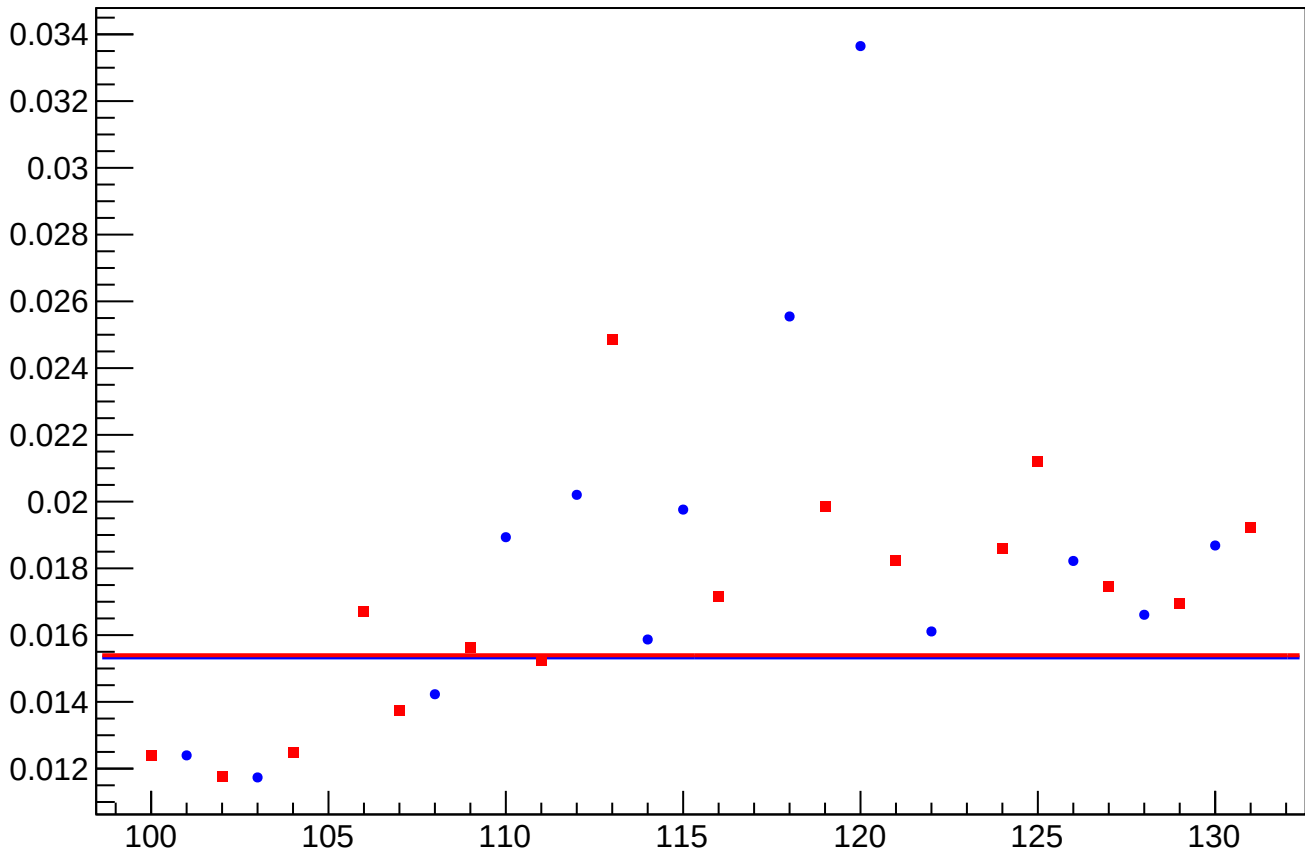
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.379+/-0.000 χ^2/NDF : 231276052043.3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04X_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF : 616365.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 460999.1/15

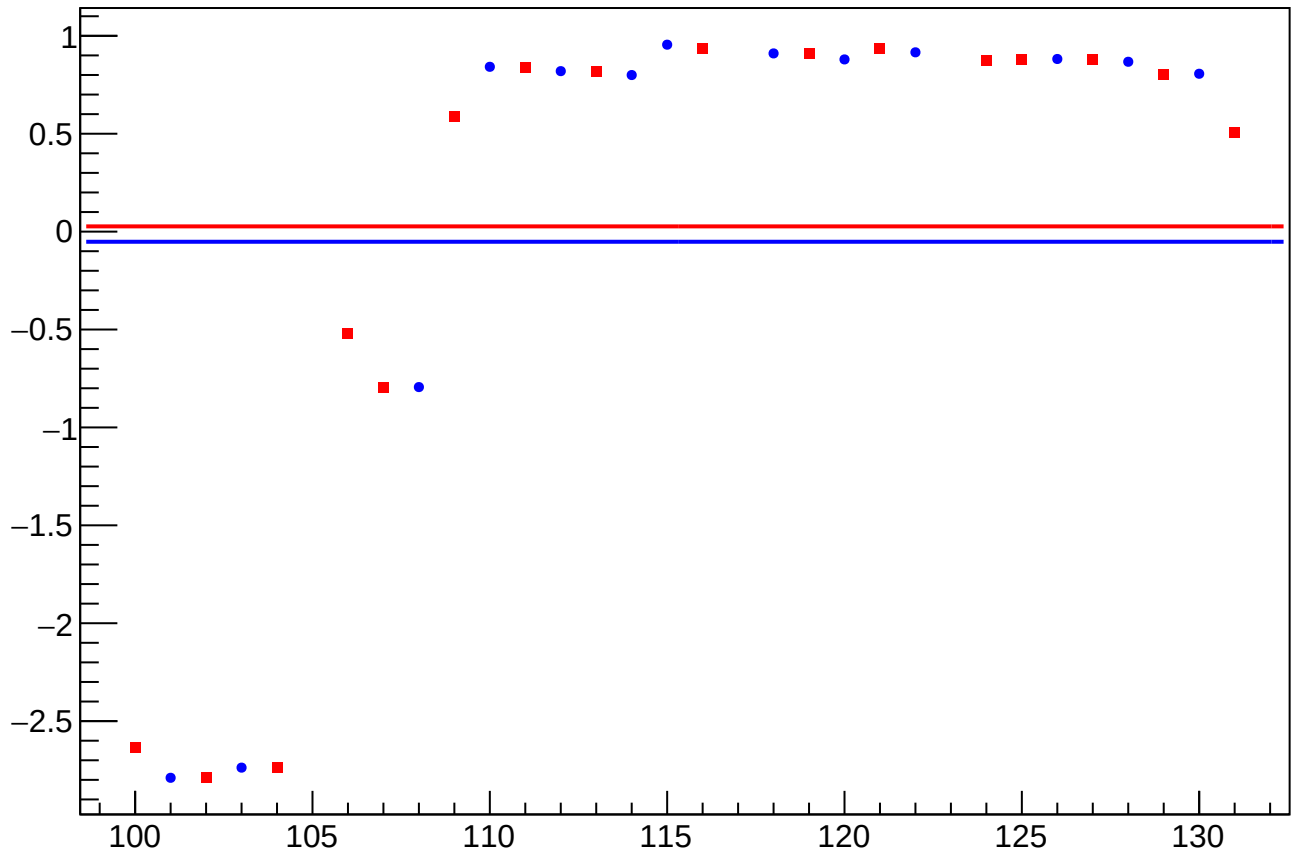
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1077452.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04Y_mean vs Slug



Right In: -0.052+/-0.000 χ^2/NDF : 840719193968.8/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.027+/-0.000 χ^2/NDF : 930600076550.9/15

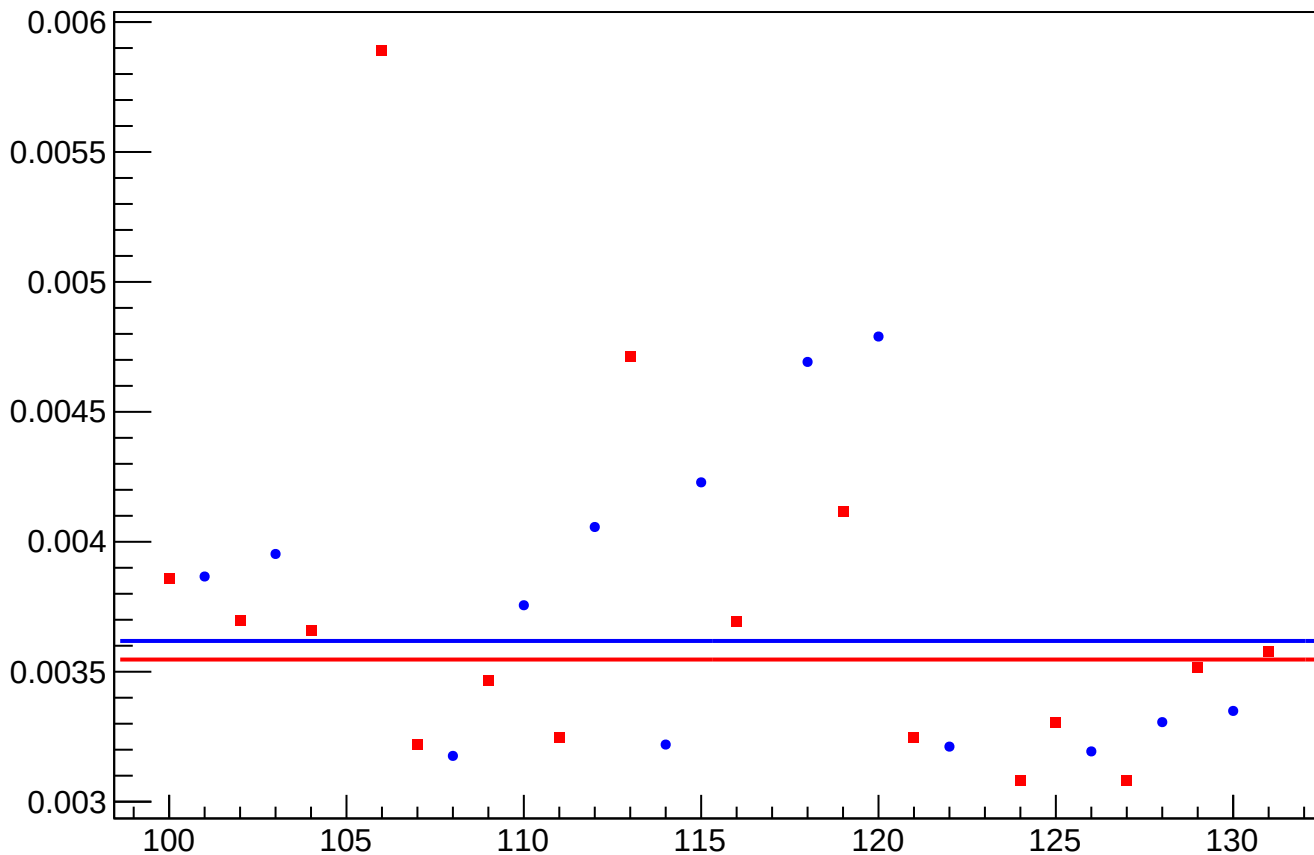
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.000 χ^2/NDF : 1772633878101

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04Y_rms vs Slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 176894.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 214210.1/15

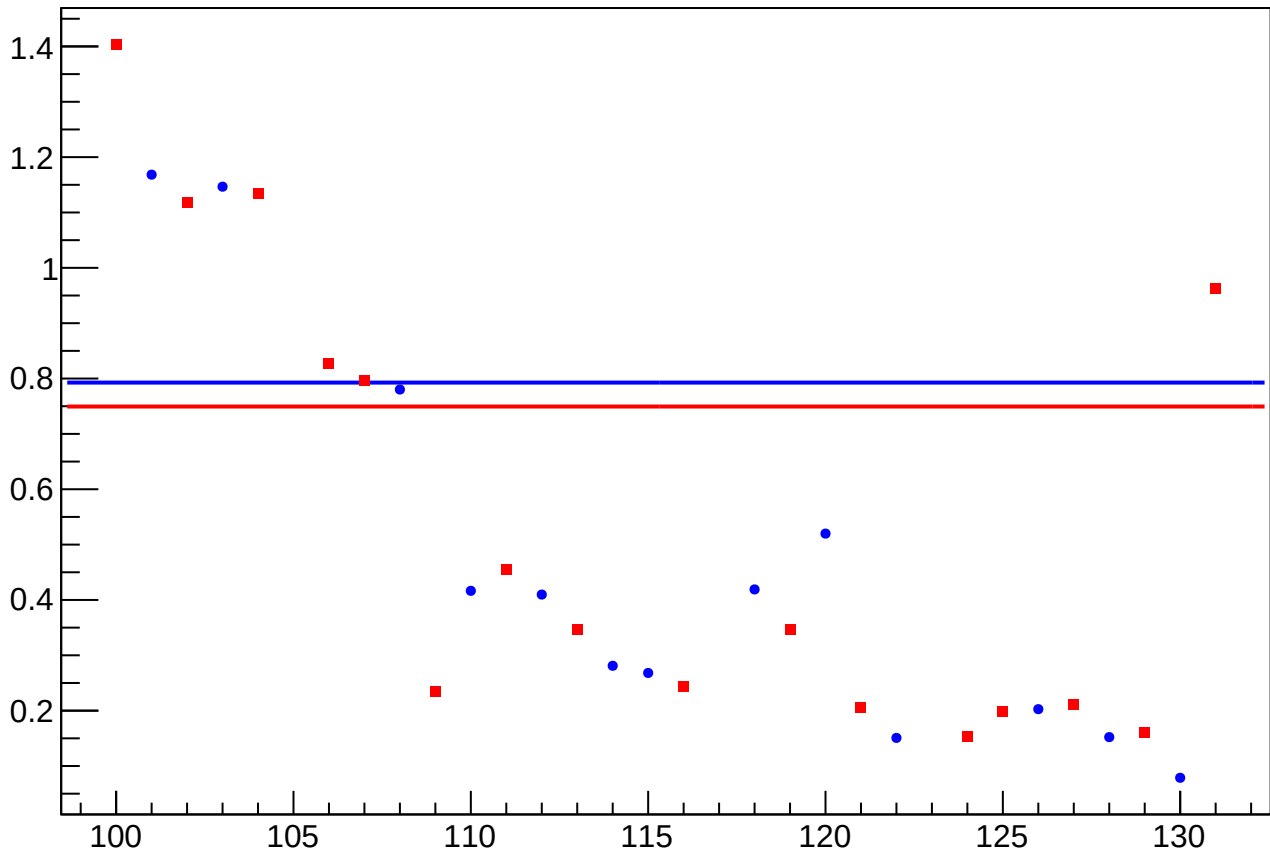
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.000 χ^2 /NDF: 393284.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l05X_mean vs Slug



Right In: 0.793+/-0.000 χ^2/NDF : 24539329827.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.749+/-0.000 χ^2/NDF : 24931520284.8/15

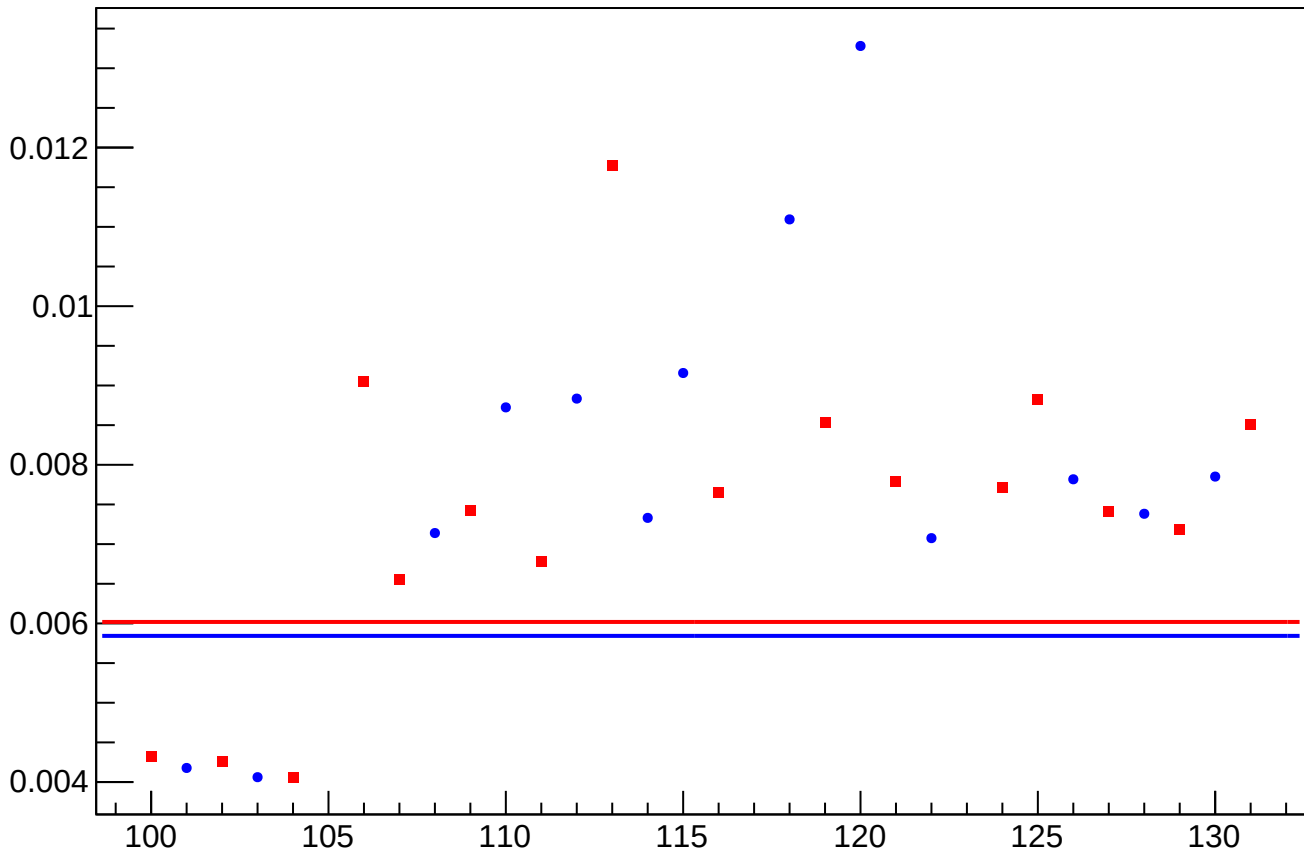
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.770+/-0.000 χ^2/NDF : 49593783023.5/2

- 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 : 1183097.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1055006.8/15

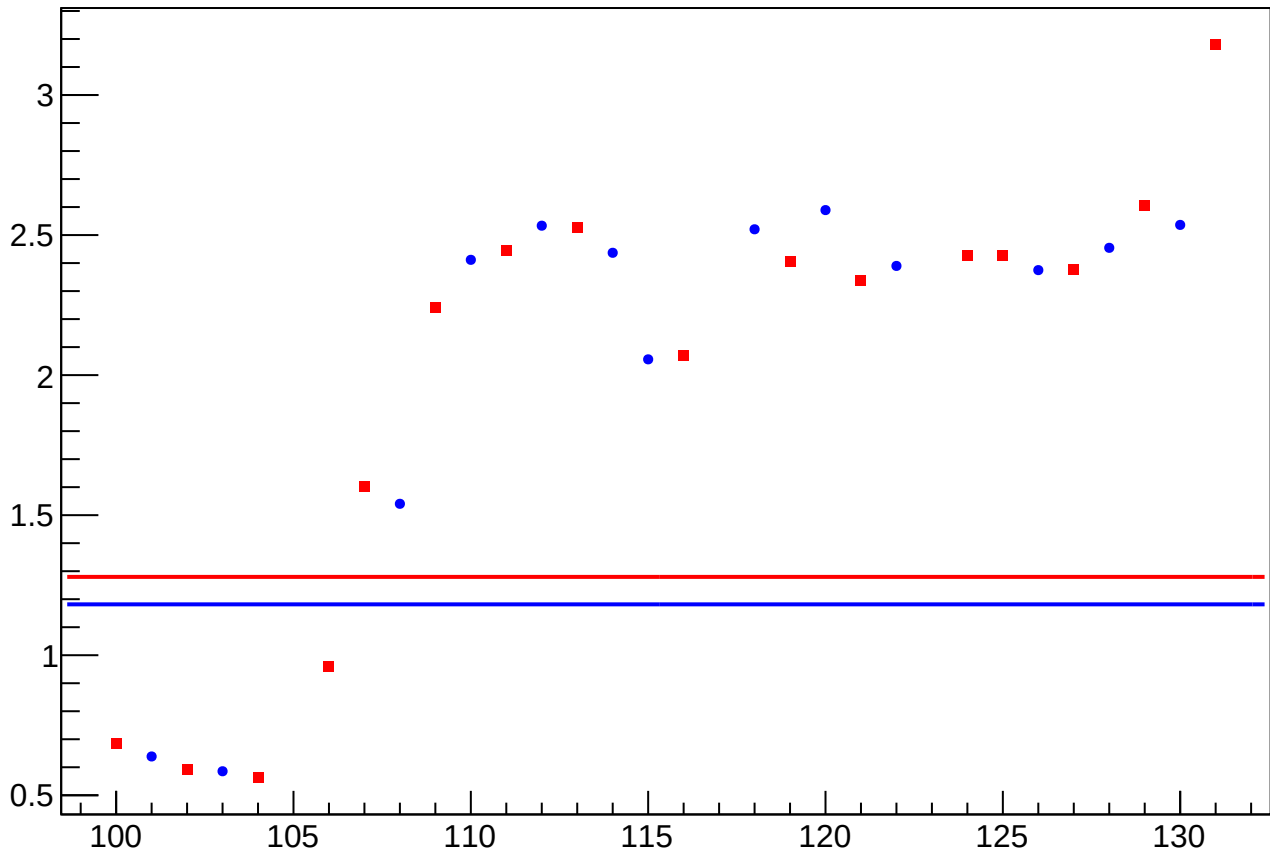
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2242162.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l05Y_mean vs Slug



Right In: 1.182+/-0.000 χ^2/NDF : 89730855228.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.280+/-0.000 χ^2/NDF : 117508628750.4/15

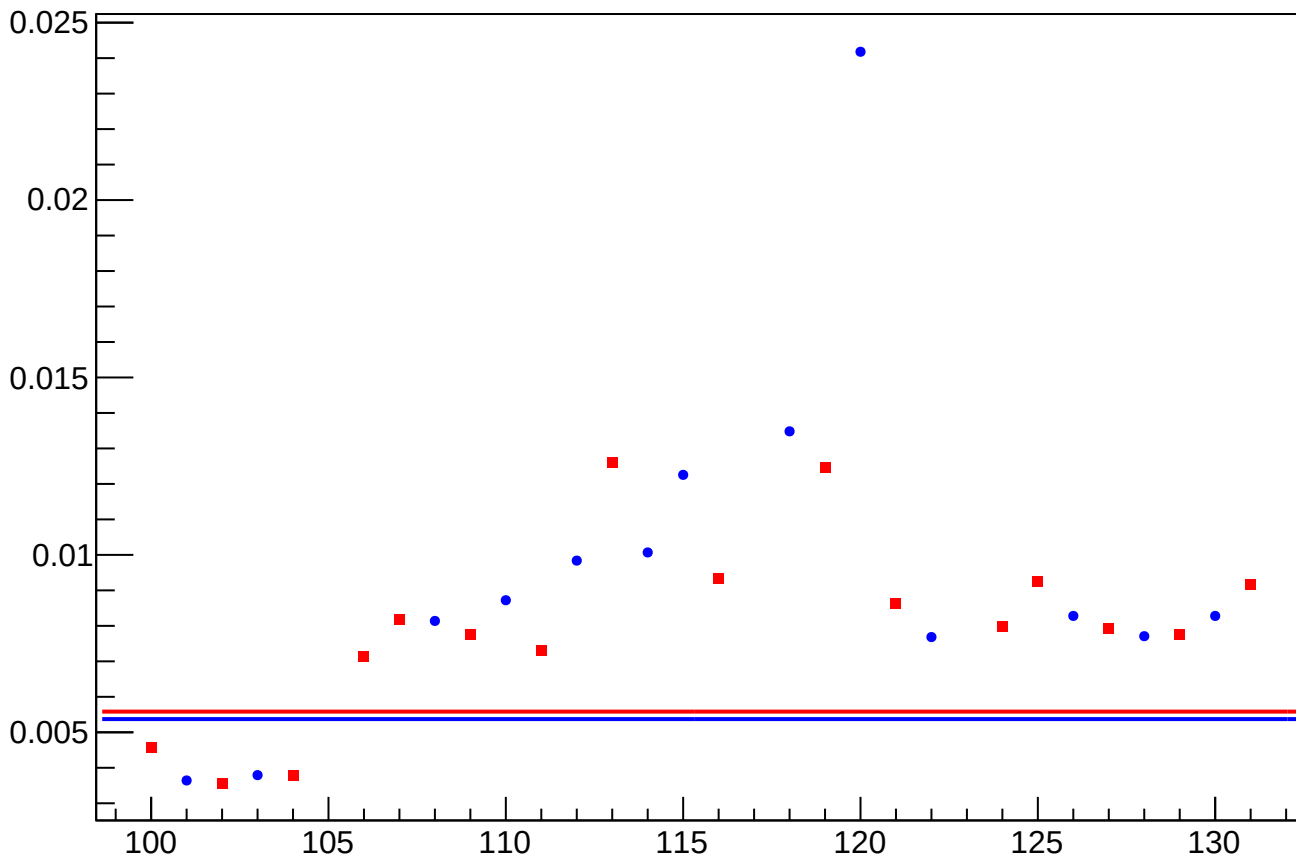
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.233+/-0.000 χ^2/NDF : 207902729994.3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l05Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 1860718.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1780535.2/15

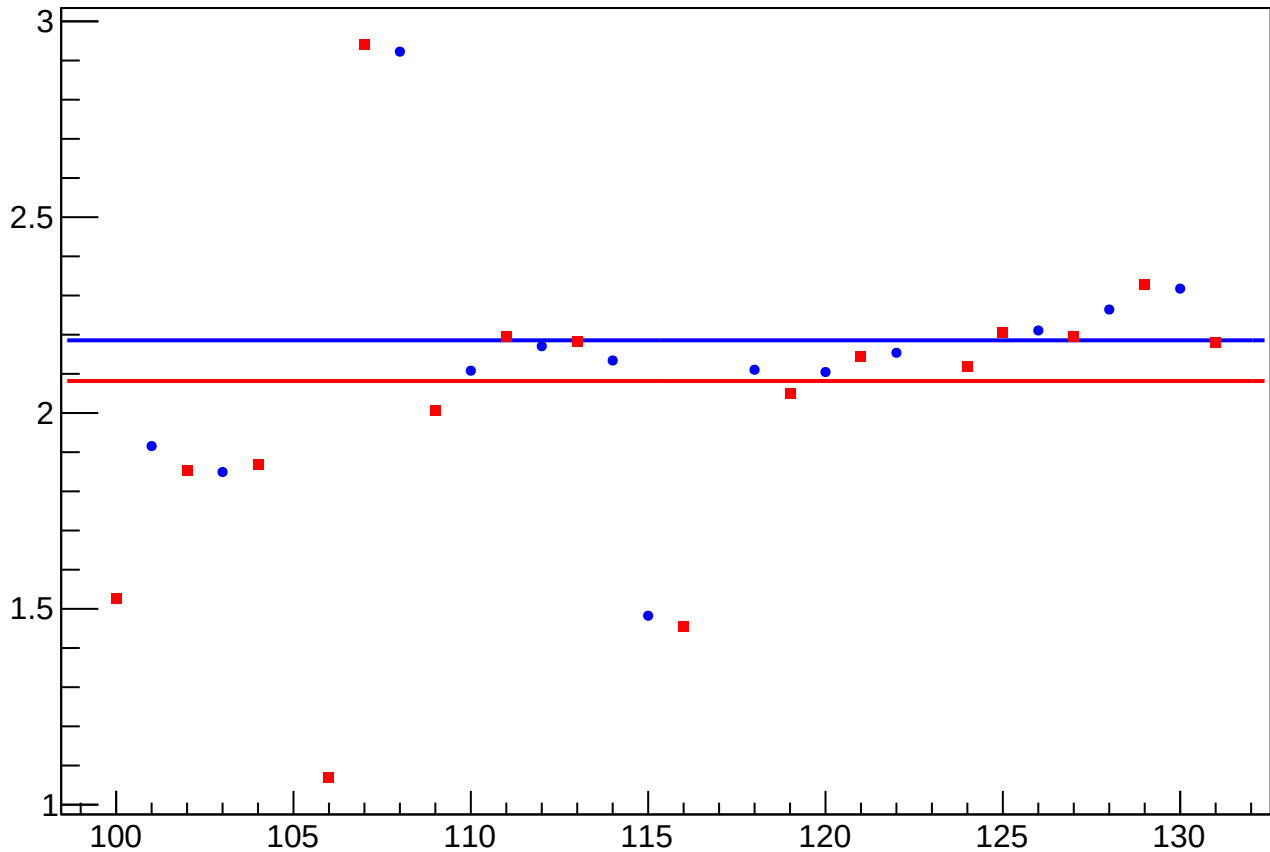
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 3647390.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l06X_mean vs Slug



Right In: 2.186 ± 0.000 χ^2/NDF : 9451566382.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.082 ± 0.000 χ^2/NDF : 14641118835.4/15

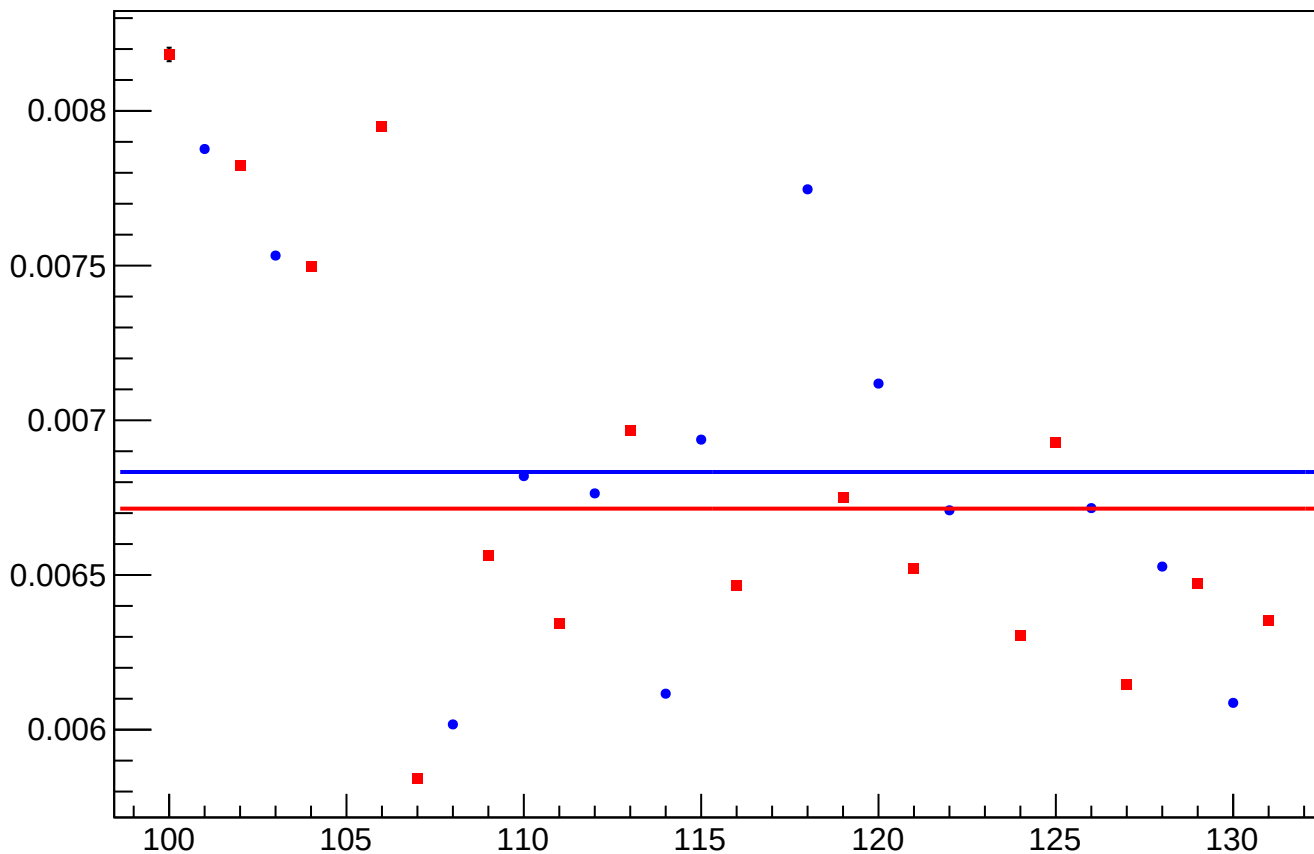
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 2.129 ± 0.000 χ^2/NDF : 24750343353.4/2

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

yield_bpm0l06X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 82177.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 84335.1/15

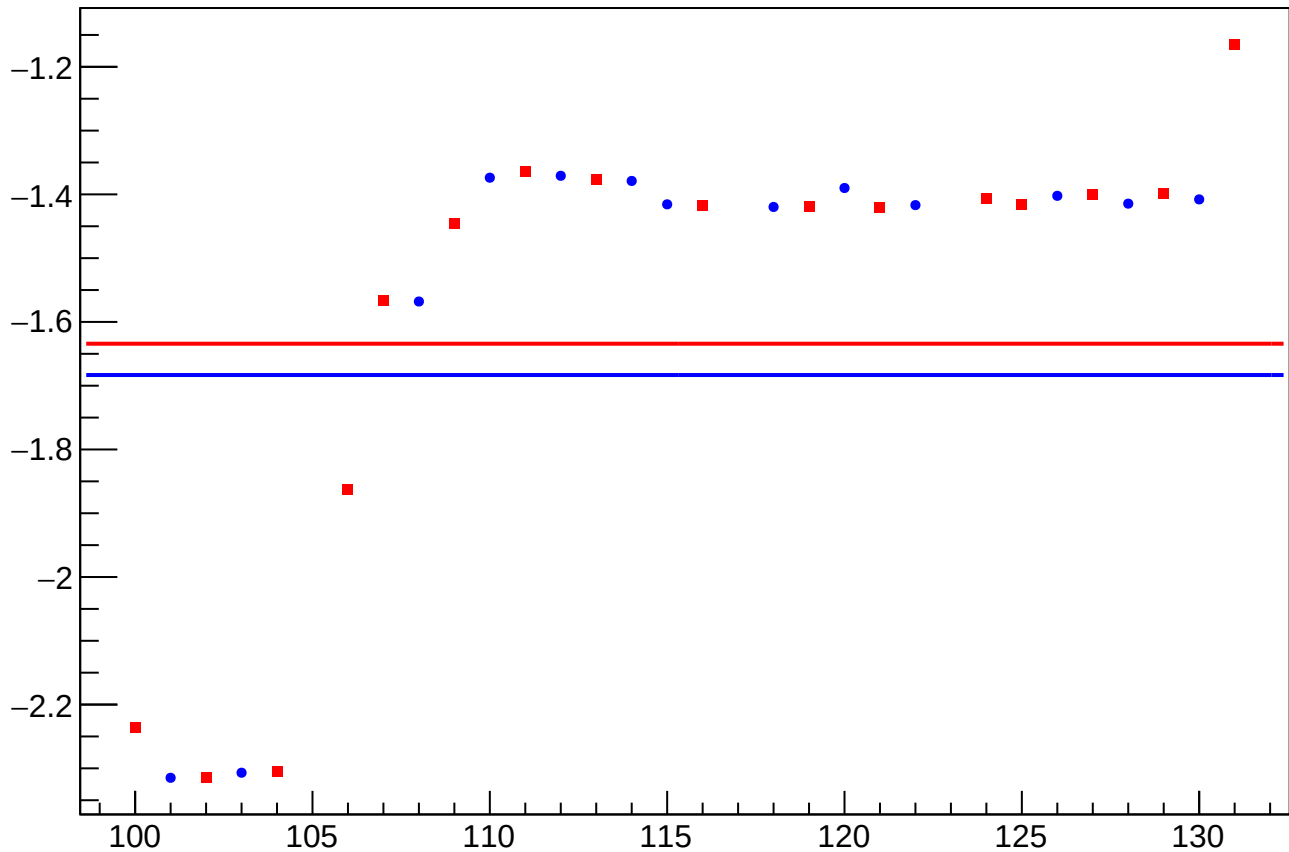
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 168224.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l06Y_mean vs Slug



Right In: -1.683 ± 0.000 χ^2/NDF : 118556061290.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.634 ± 0.000 χ^2/NDF : 131669546887.9/15

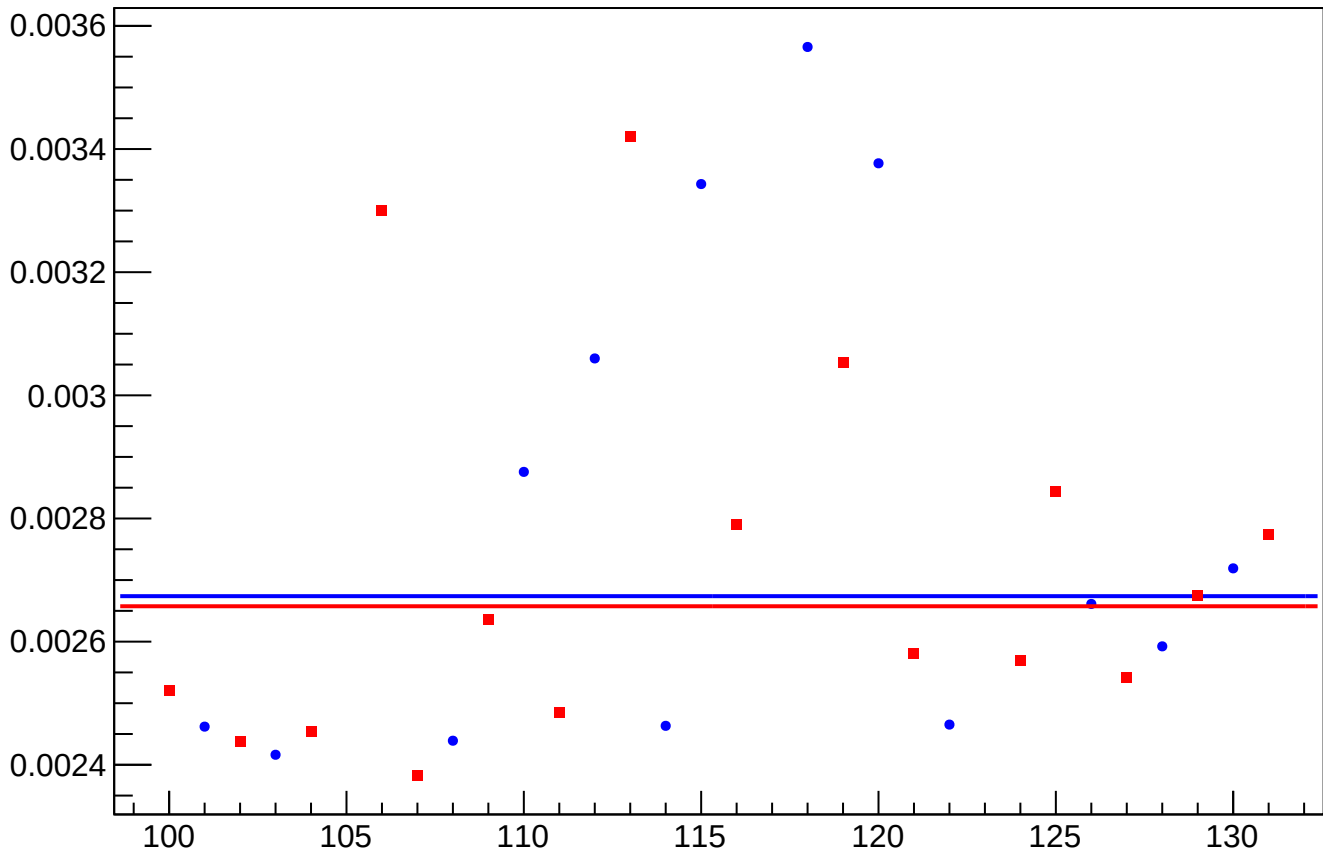
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.657 ± 0.000 χ^2/NDF : 251155576427.8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

yield_bpm0l06Y_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 151856.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 115060.7/15

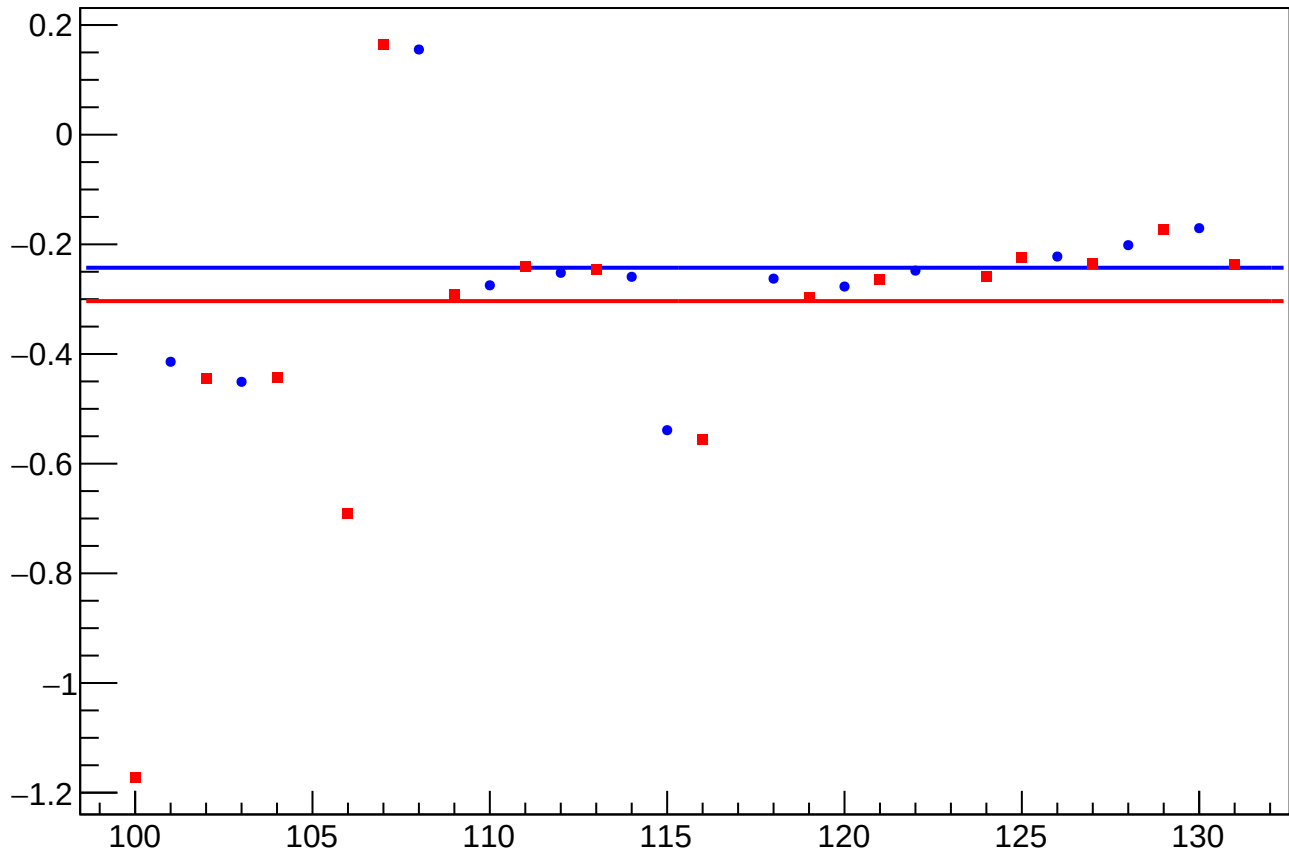
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 267124.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l07X_mean vs Slug



Right In: -0.243+/-0.000 χ^2/NDF : 989197769.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.303+/-0.000 χ^2/NDF : 1712917654.6/15

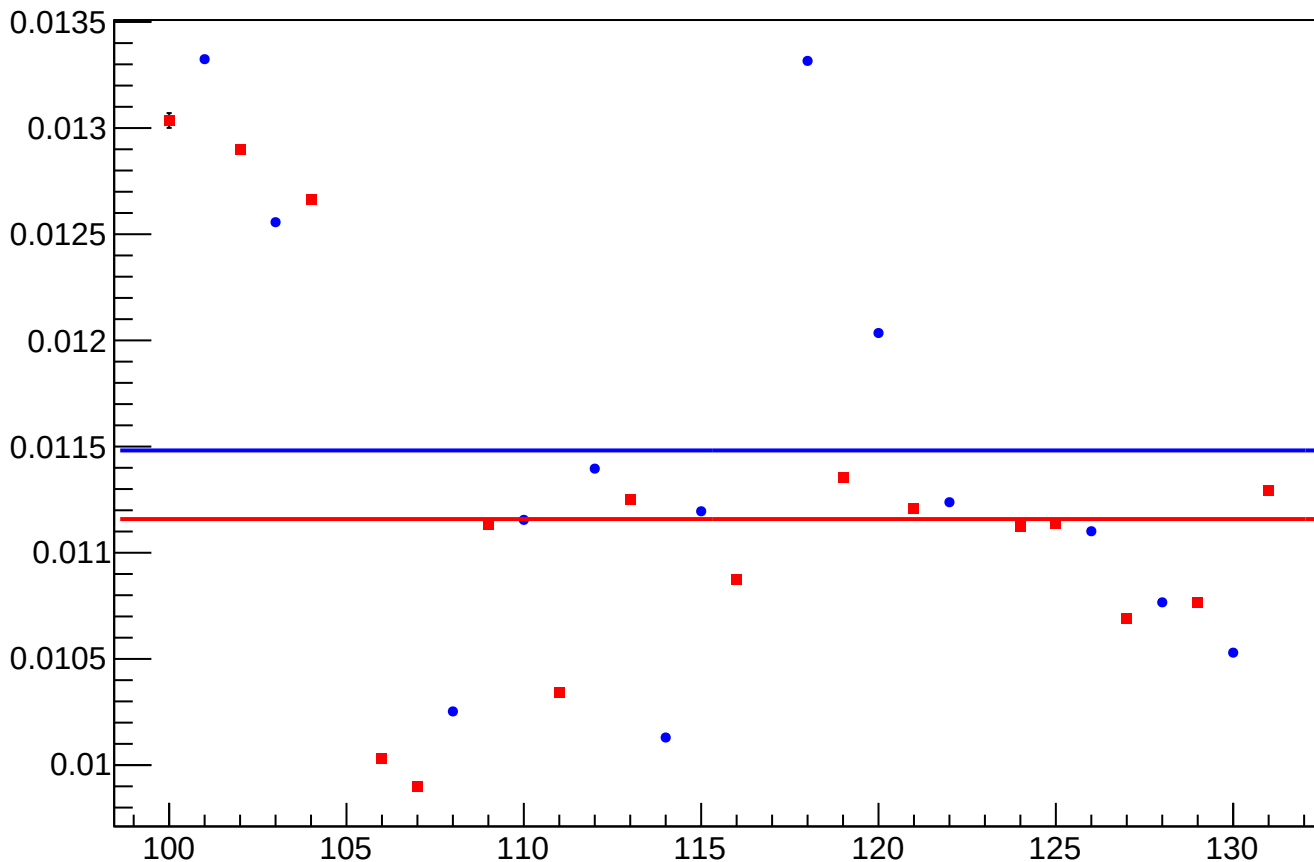
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.276+/-0.000 χ^2/NDF : 2784306589.4/2

- 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 : 83584.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 64808.5/15

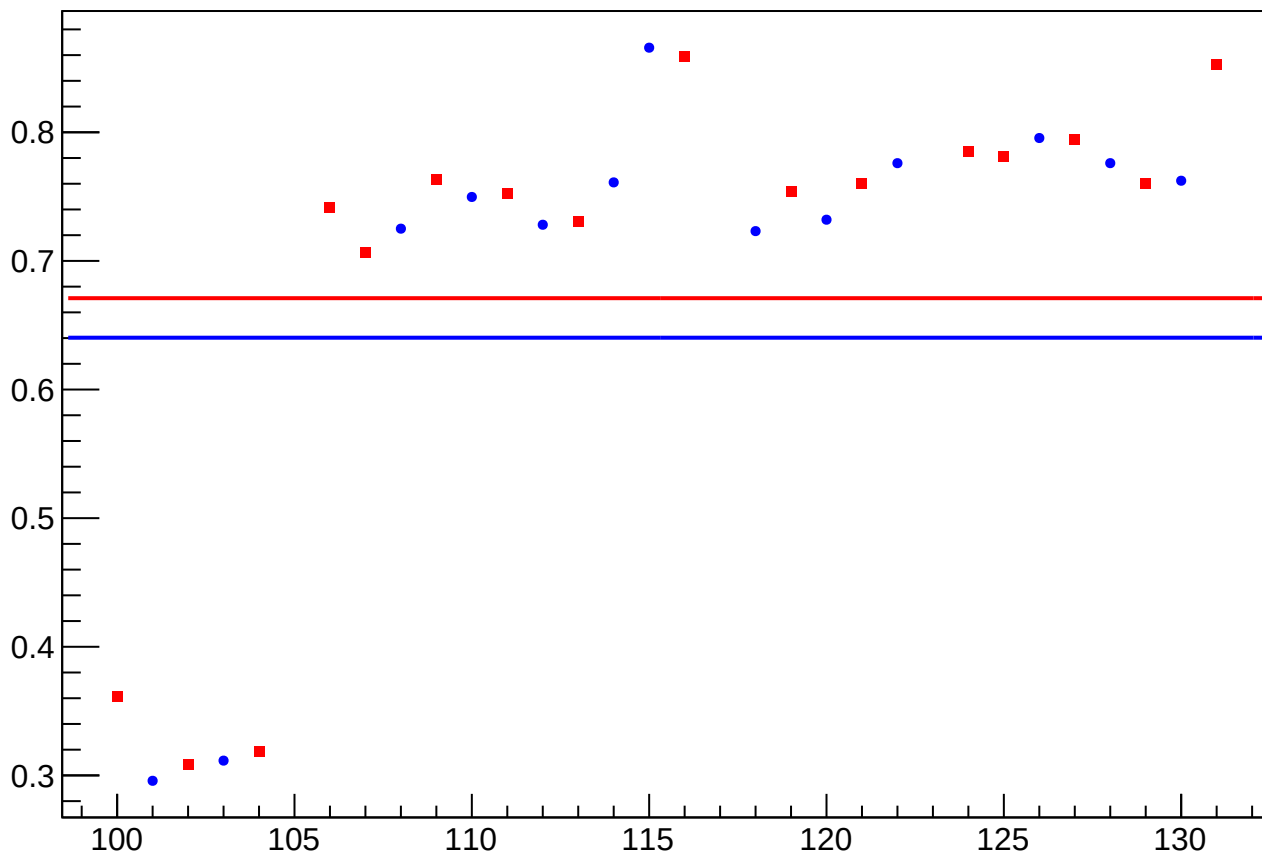
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 153032.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l07Y_mean vs Slug



Right In: 0.640+/-0.000 χ^2/NDF : 33361208773.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.671+/-0.000 χ^2/NDF : 35059241544.2/15

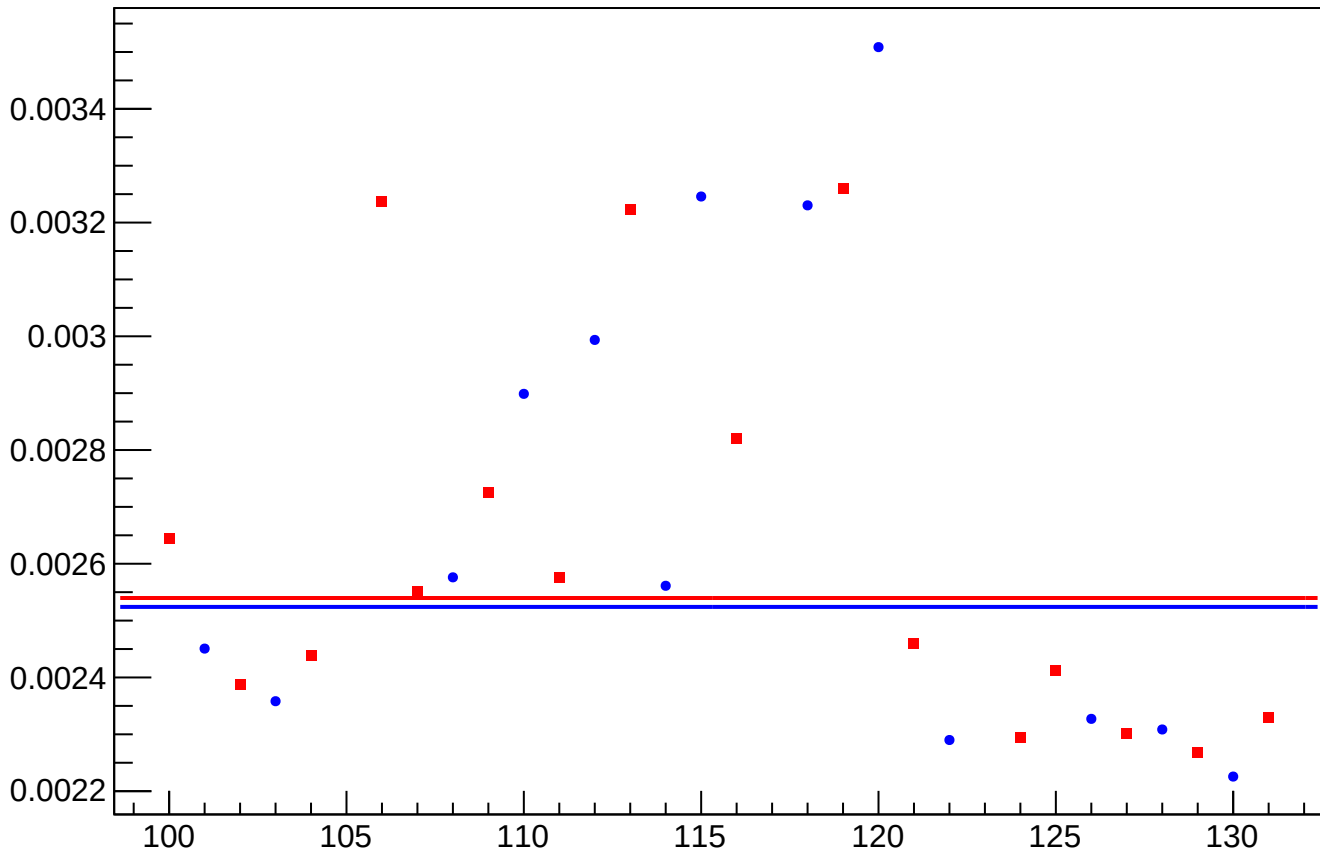
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.657+/-0.000 χ^2/NDF : 68826767681.0/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l07Y_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 191310.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 161745.9/15

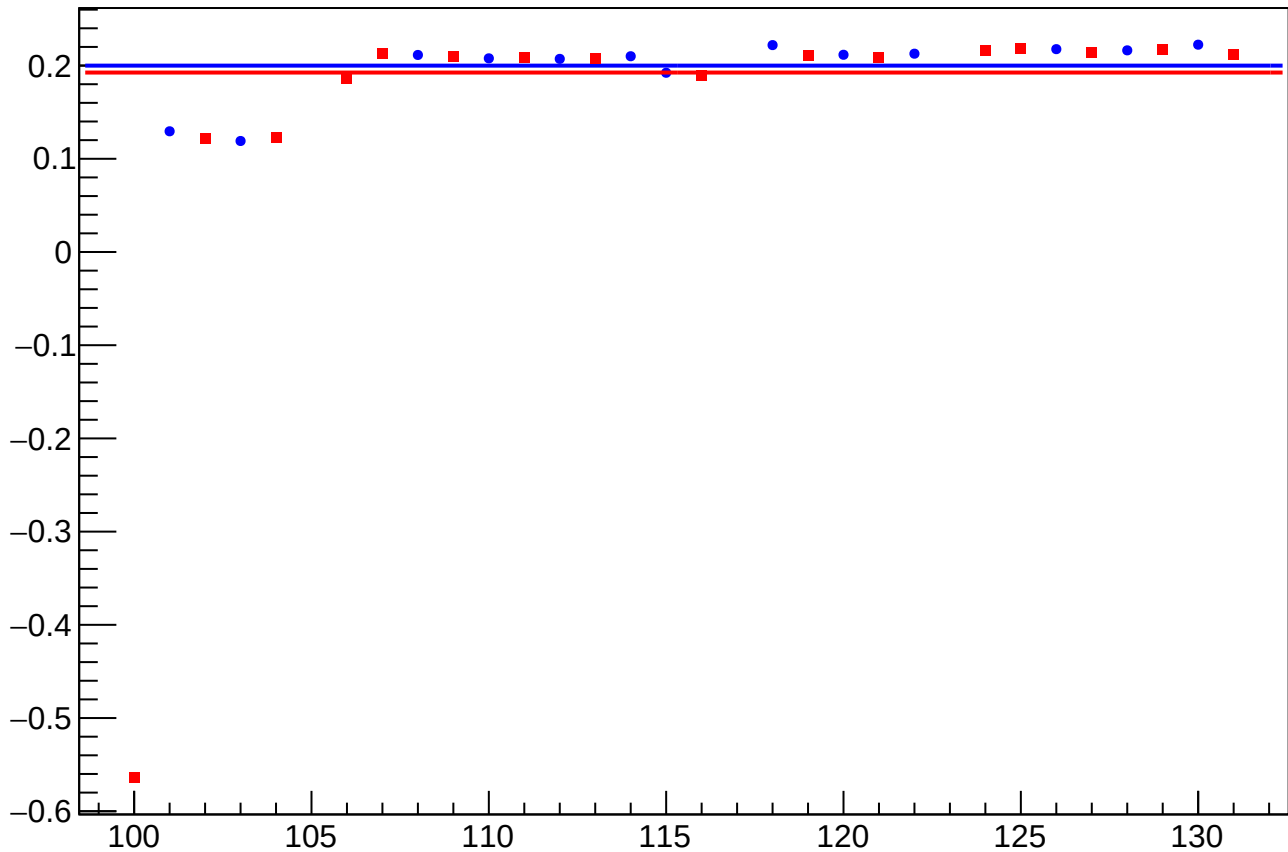
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 353268.0/28

- 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: 58774802.9/12

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

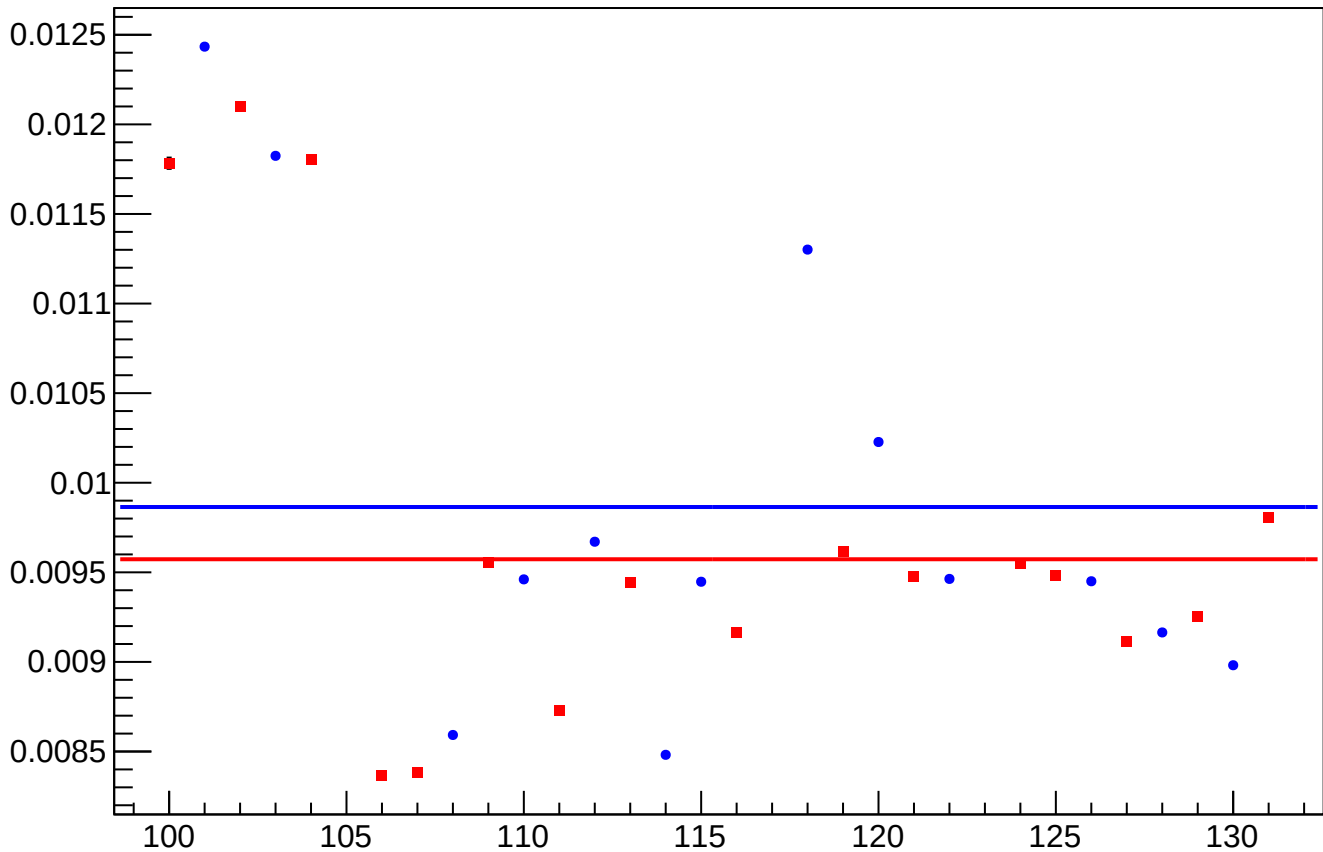
Right Out: 0.193 $\pm$ 0.000 χ^2 /NDF: 347912164.4/15

All: 0.196 $\pm$ 0.000 χ^2 /NDF: 408333964.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm0l08X_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF : 147566.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 131409.8/15

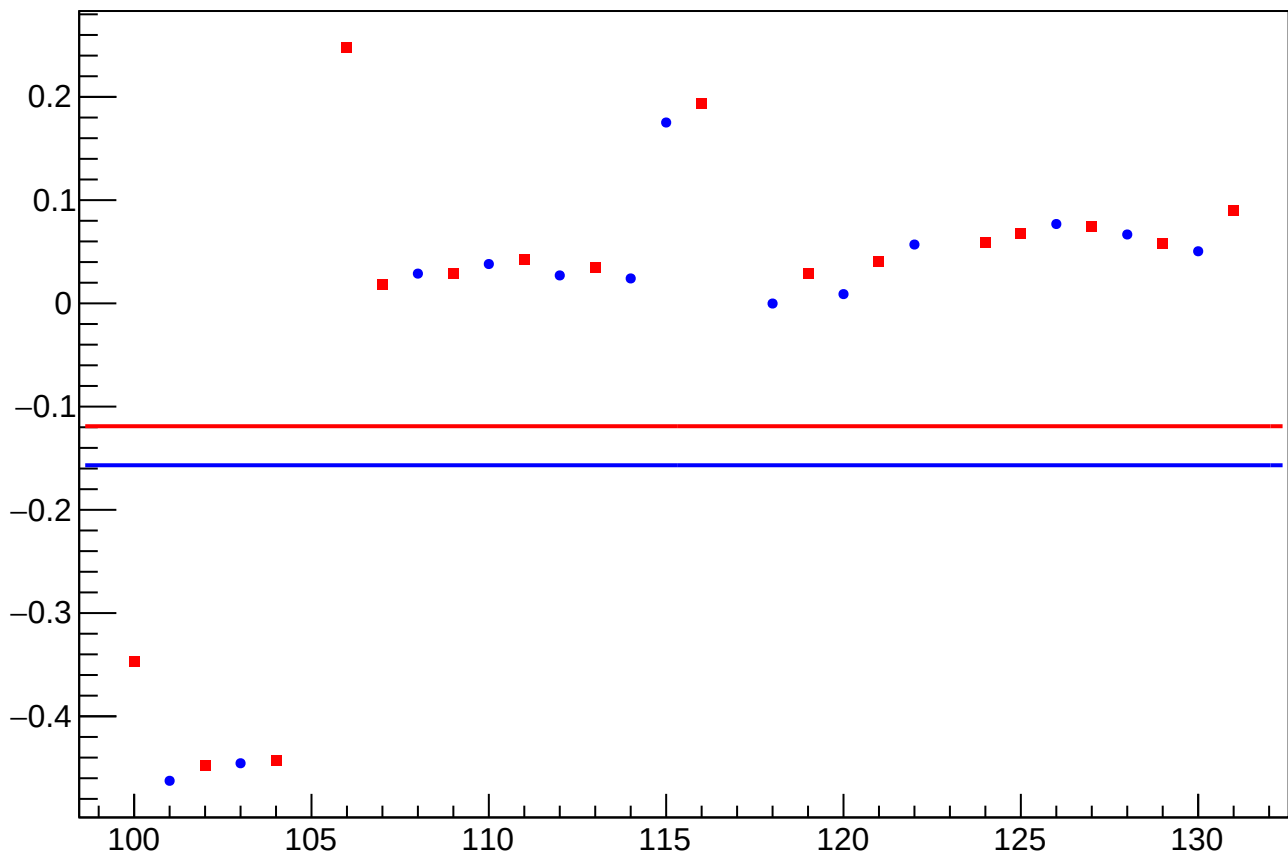
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 284057.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l08Y_mean vs Slug



Right In: -0.157+/-0.000 χ^2/NDF : 14325049471.7/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

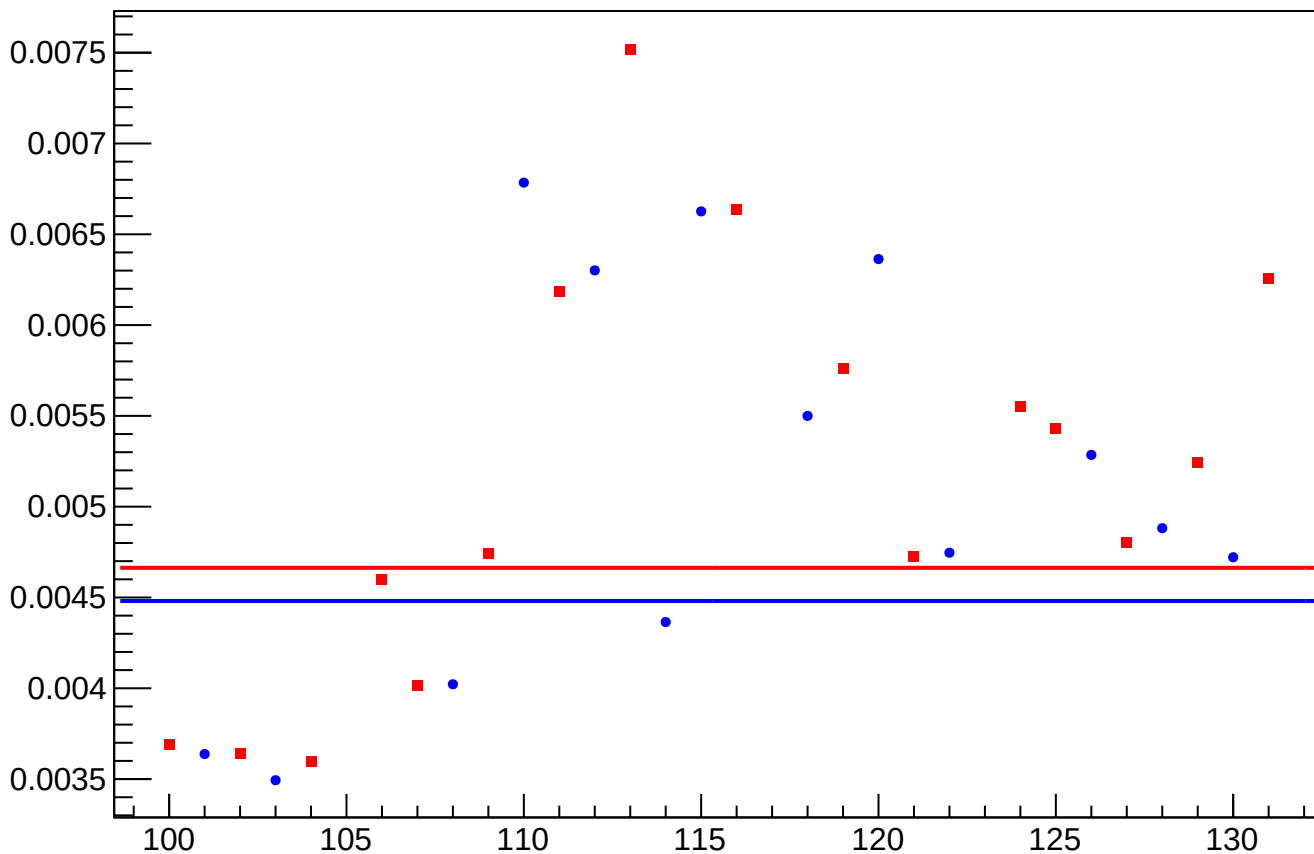
Right Out: -0.119+/-0.000 χ^2/NDF : 15246359471.1/15

All: -0.137+/-0.000 χ^2/NDF : 29746039817.4/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l08Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 462873.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 533239.4/15

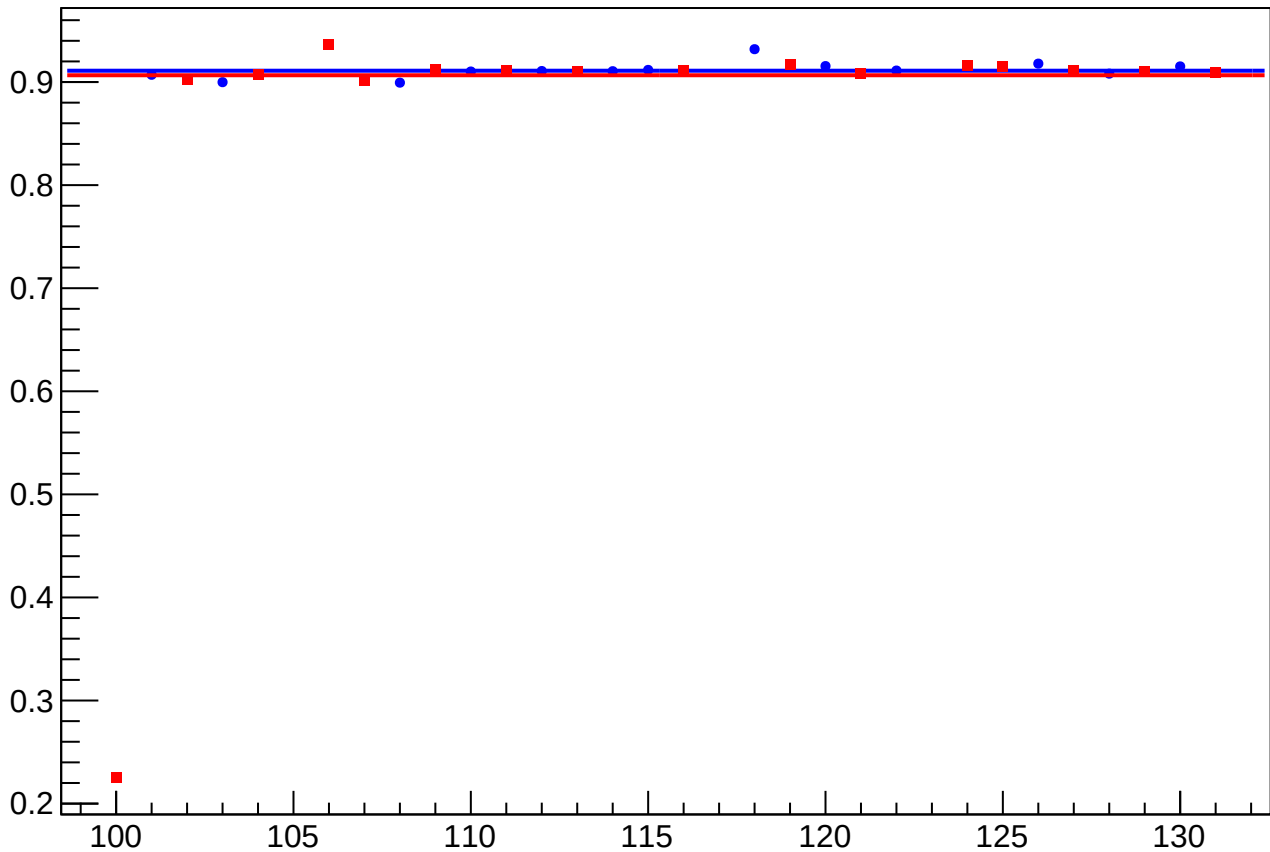
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1004275.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l09X_mean vs Slug



Right In: 0.911 $\pm$ 0.000 χ^2/NDF : 2710040.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.907 $\pm$ 0.000 χ^2/NDF : 218319848.6/15

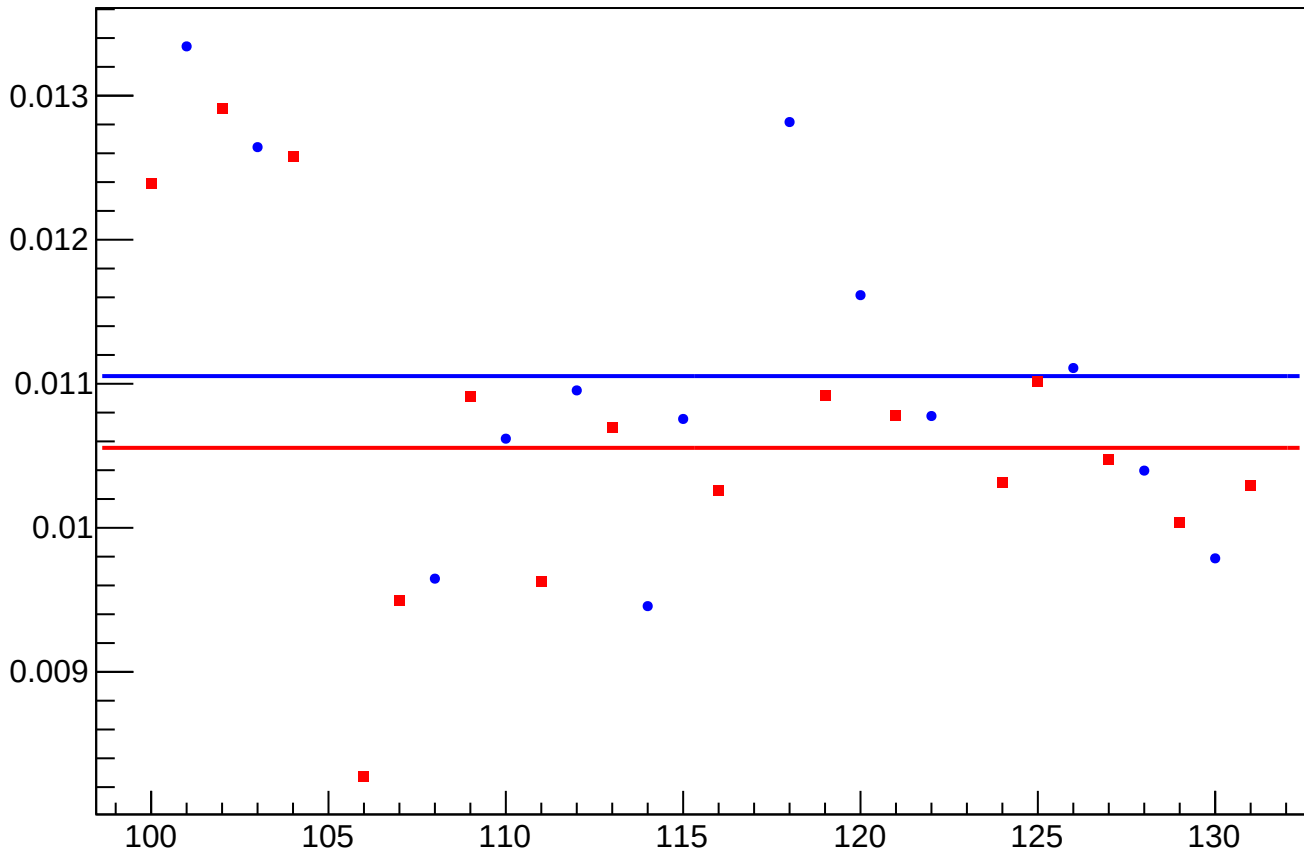
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.909 $\pm$ 0.000 χ^2/NDF : 221496998.3/28

- sign 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 : 122484.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 139630.9/15

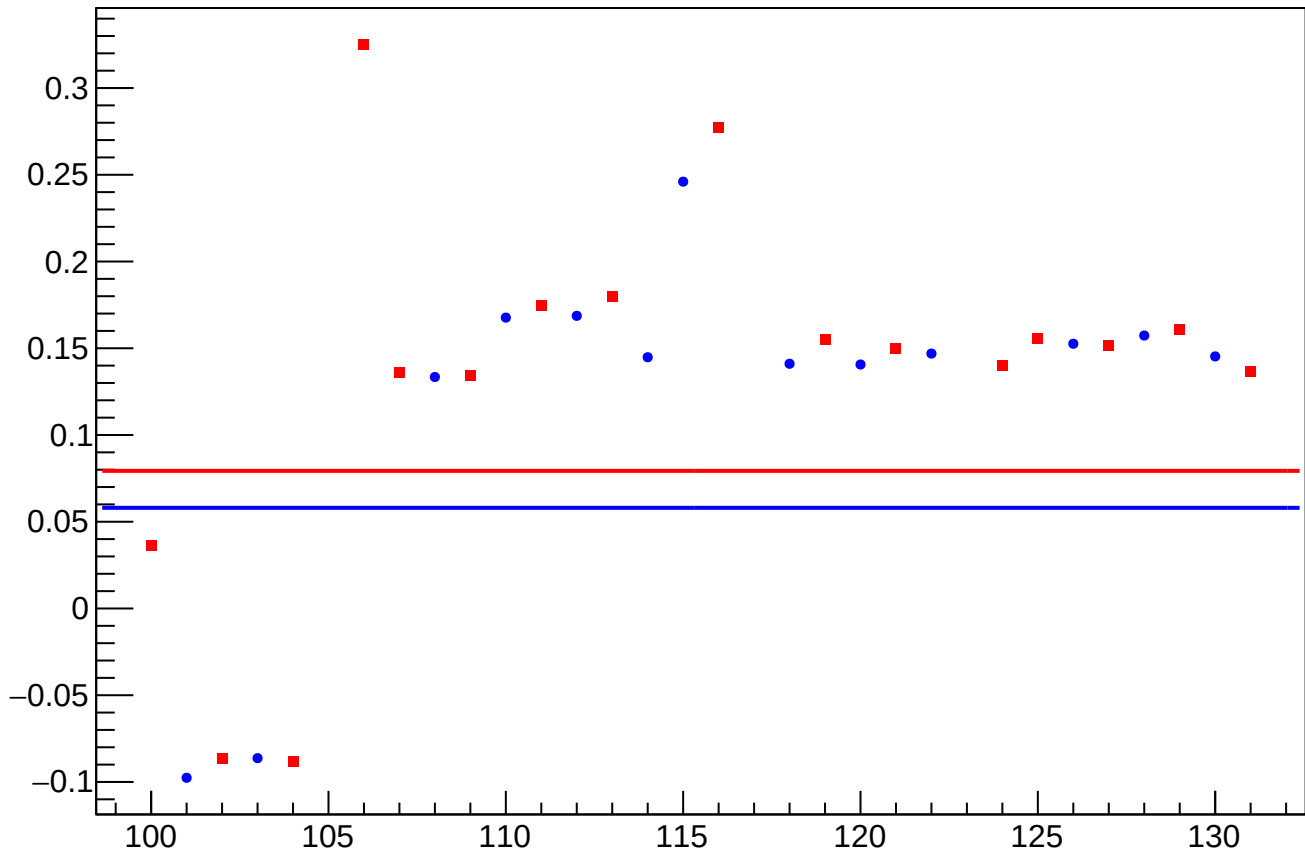
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 274110.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l09Y_mean vs Slug



Right In: 0.058+/-0.000 χ^2/NDF : 2876169687.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.079+/-0.000 χ^2/NDF : 3339430975.6/15

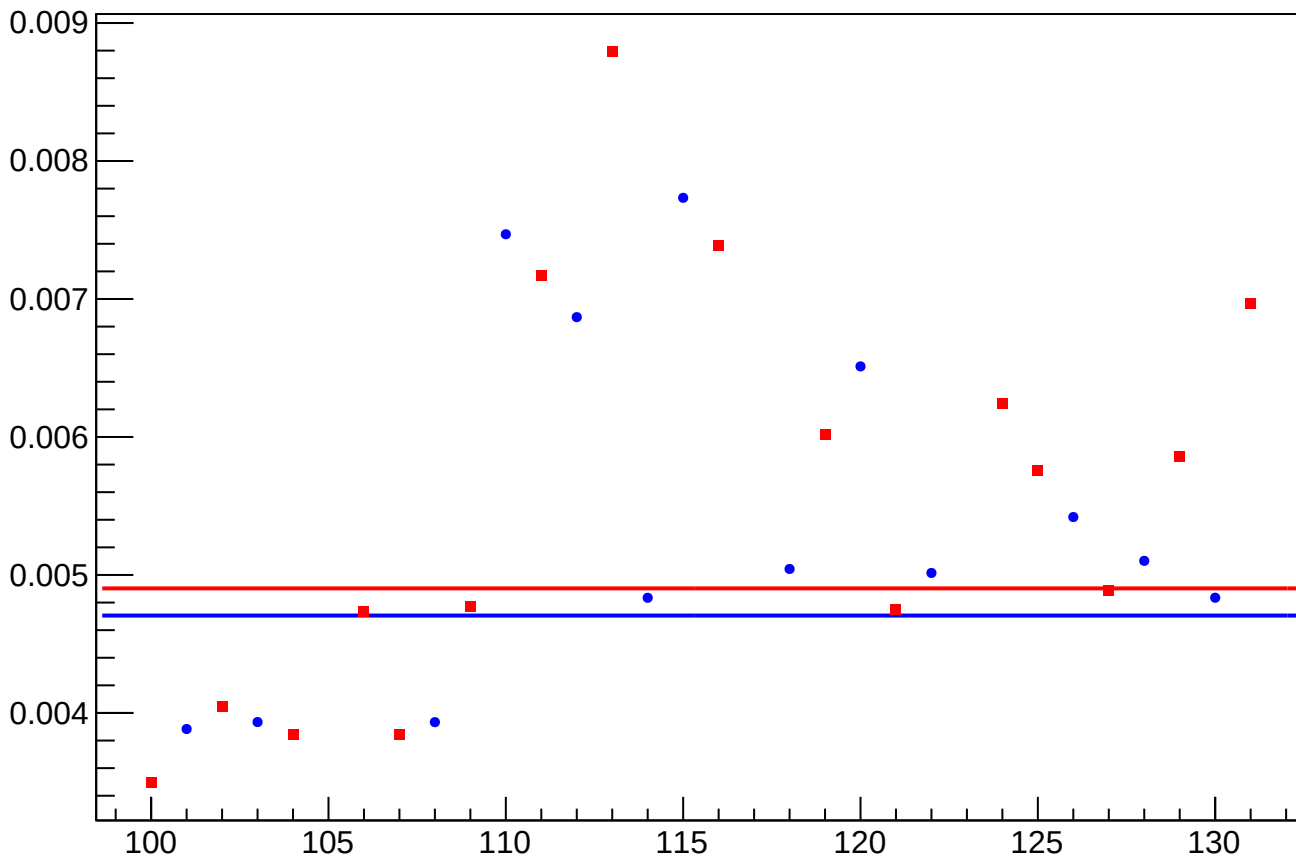
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.069+/-0.000 χ^2/NDF : 6263729198.5/28

- 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 : 410584.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 615754.2/15

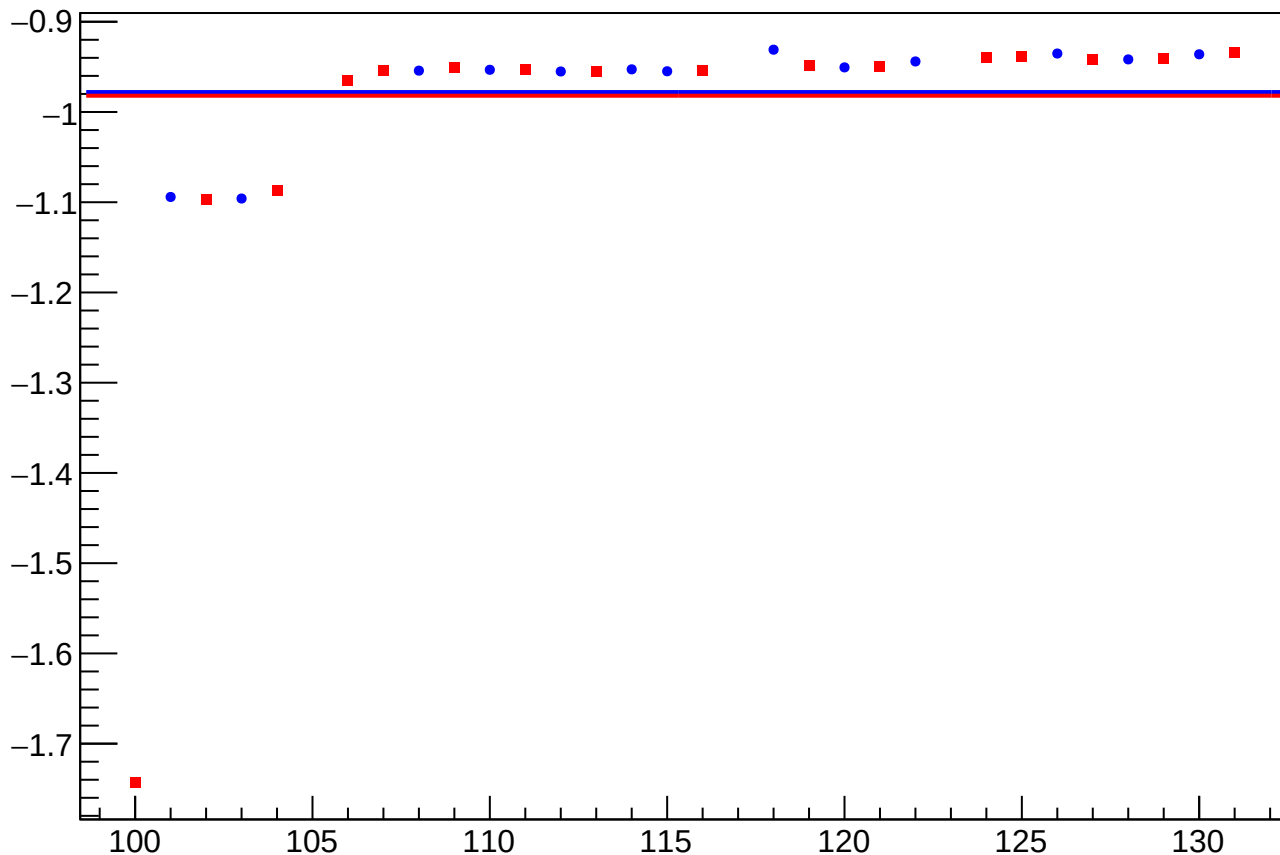
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1034549.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l10X_mean vs Slug



Right In: -0.978+/-0.000 χ^2/NDF : 143570182.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.982+/-0.000 χ^2/NDF : 443884033.8/15

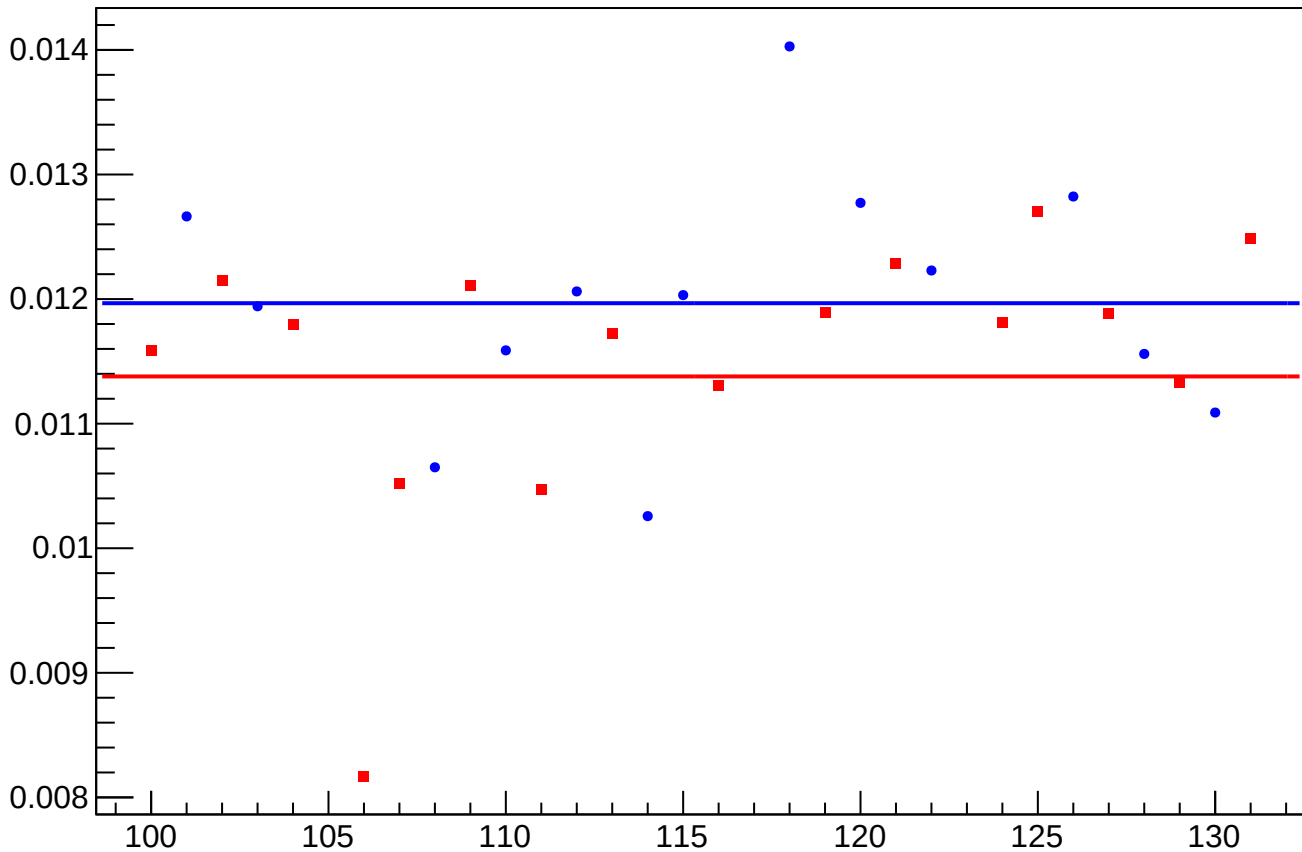
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.980+/-0.000 χ^2/NDF : 587794662.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l10X_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF : 57996.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 139492.8/15

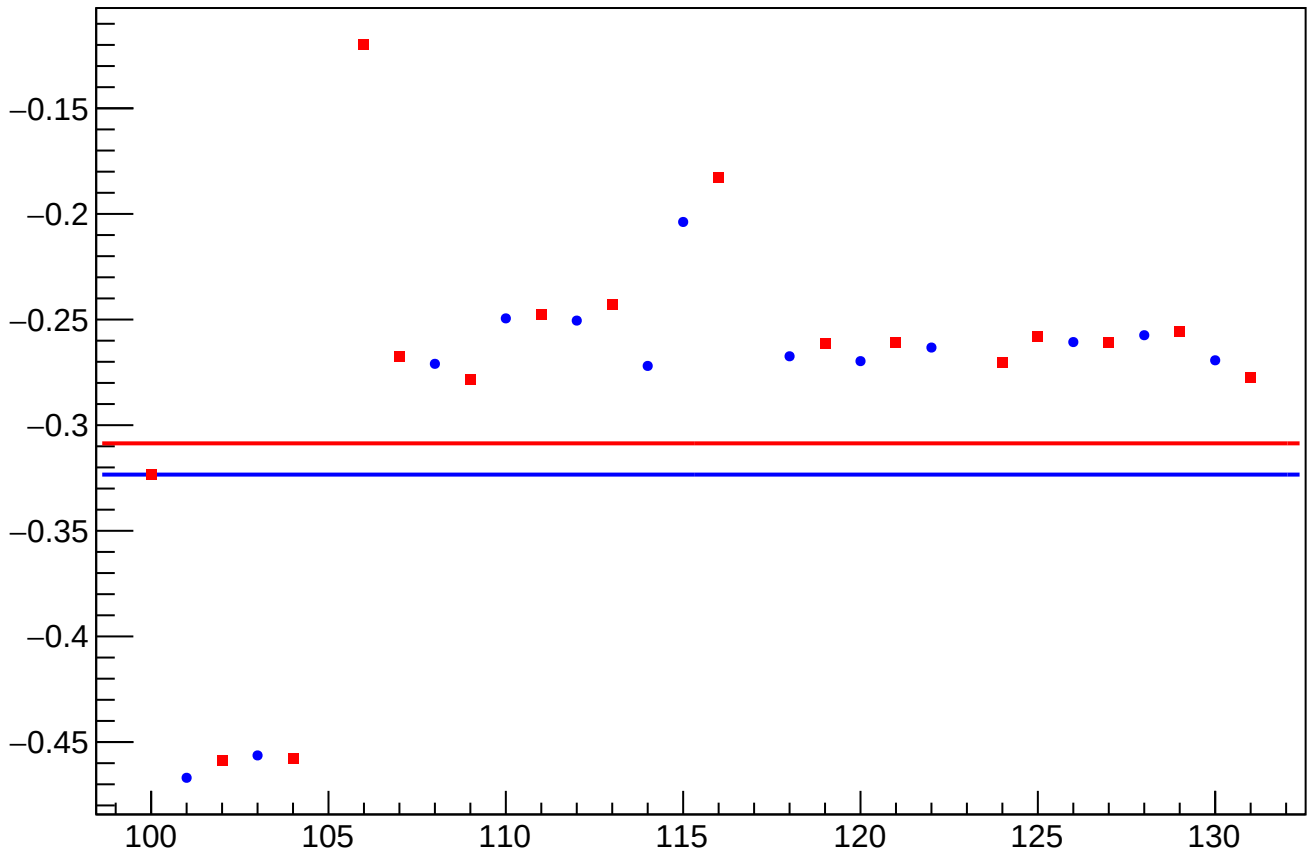
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 211776.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l10Y_mean vs Slug



Right In: -0.323+/-0.000 χ^2/NDF : 2510110206.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.309+/-0.000 χ^2/NDF : 2684785988.4/15

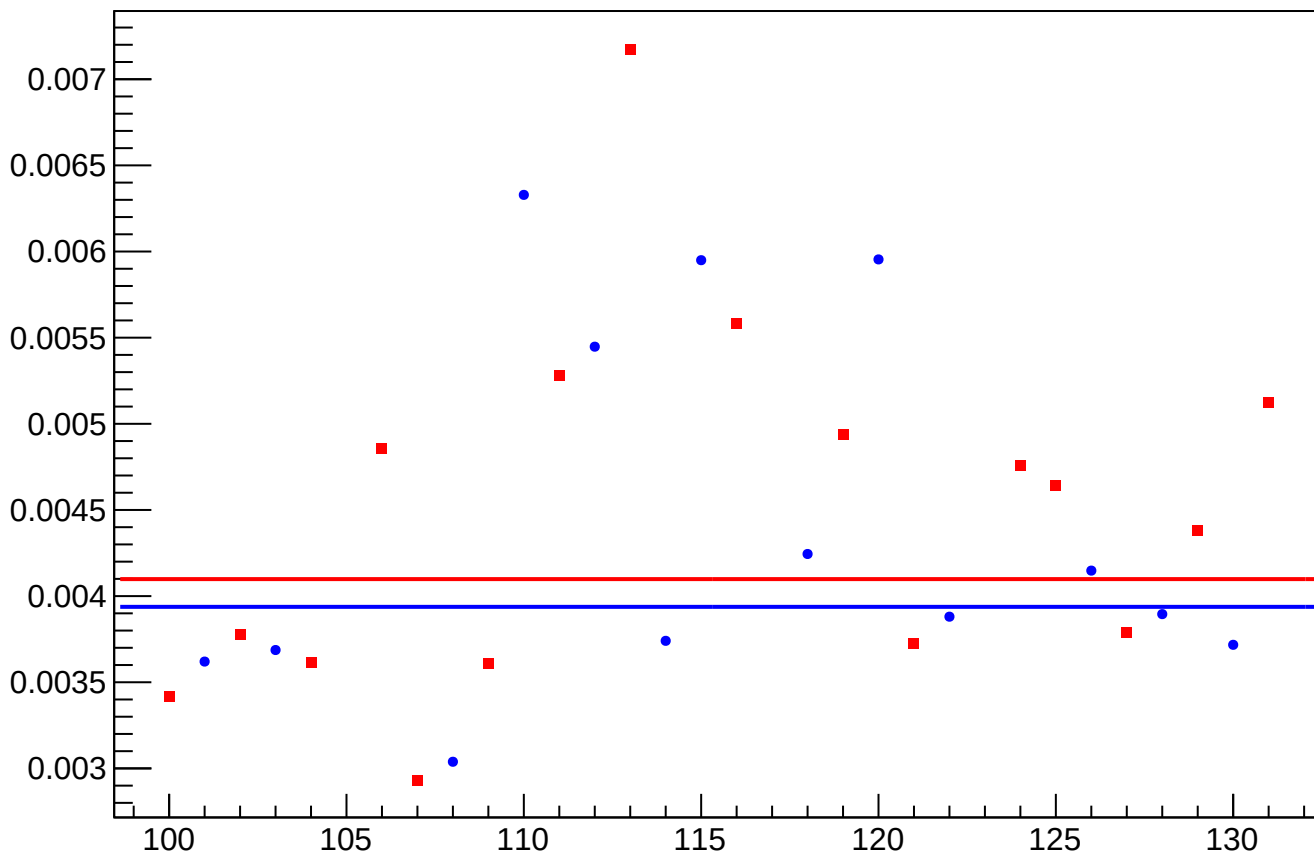
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.316+/-0.000 χ^2/NDF : 5228337004.1/2

- 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: 346020.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 442390.2/15

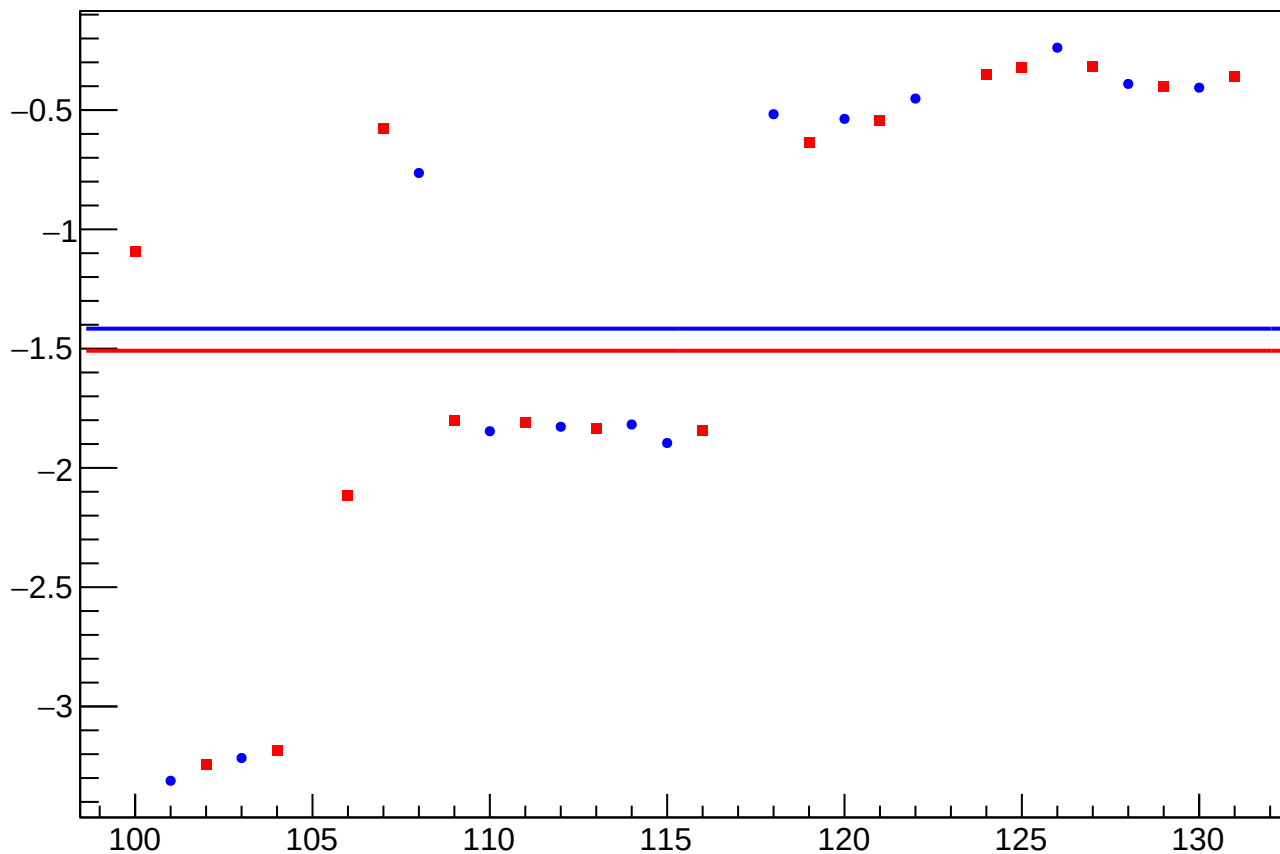
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.000 χ^2 /NDF: 796340.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r03X_mean vs Slug



Right In: -1.416 ± 0.000 χ^2/NDF : 1375399093.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.509 ± 0.000 χ^2/NDF : 1240845576.6/15

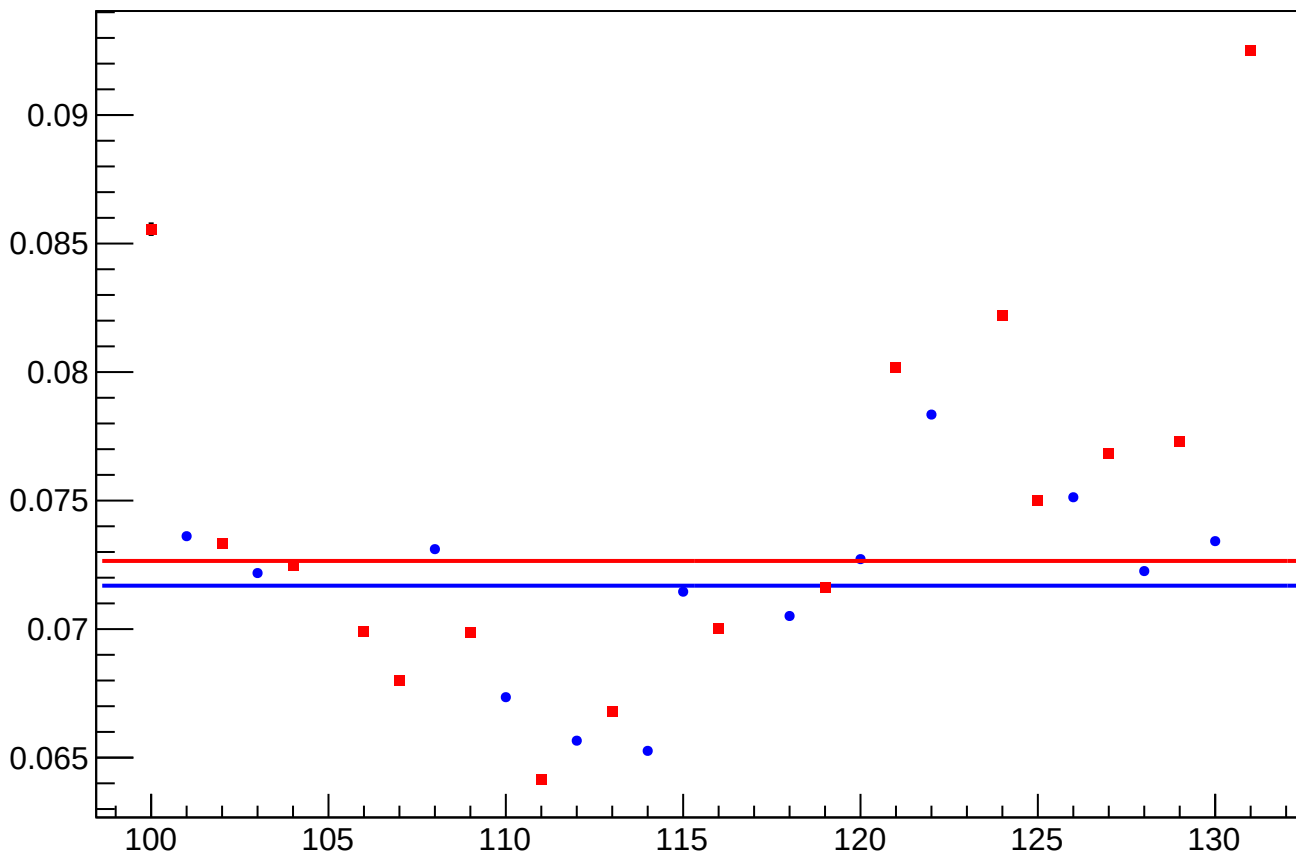
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.465 ± 0.000 χ^2/NDF : 2620995071.8/2

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

yield_bpm0r03X_rms vs Slug



Right In: 0.072+/-0.000 χ^2/NDF : 23549.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.073+/-0.000 χ^2/NDF : 83043.4/15

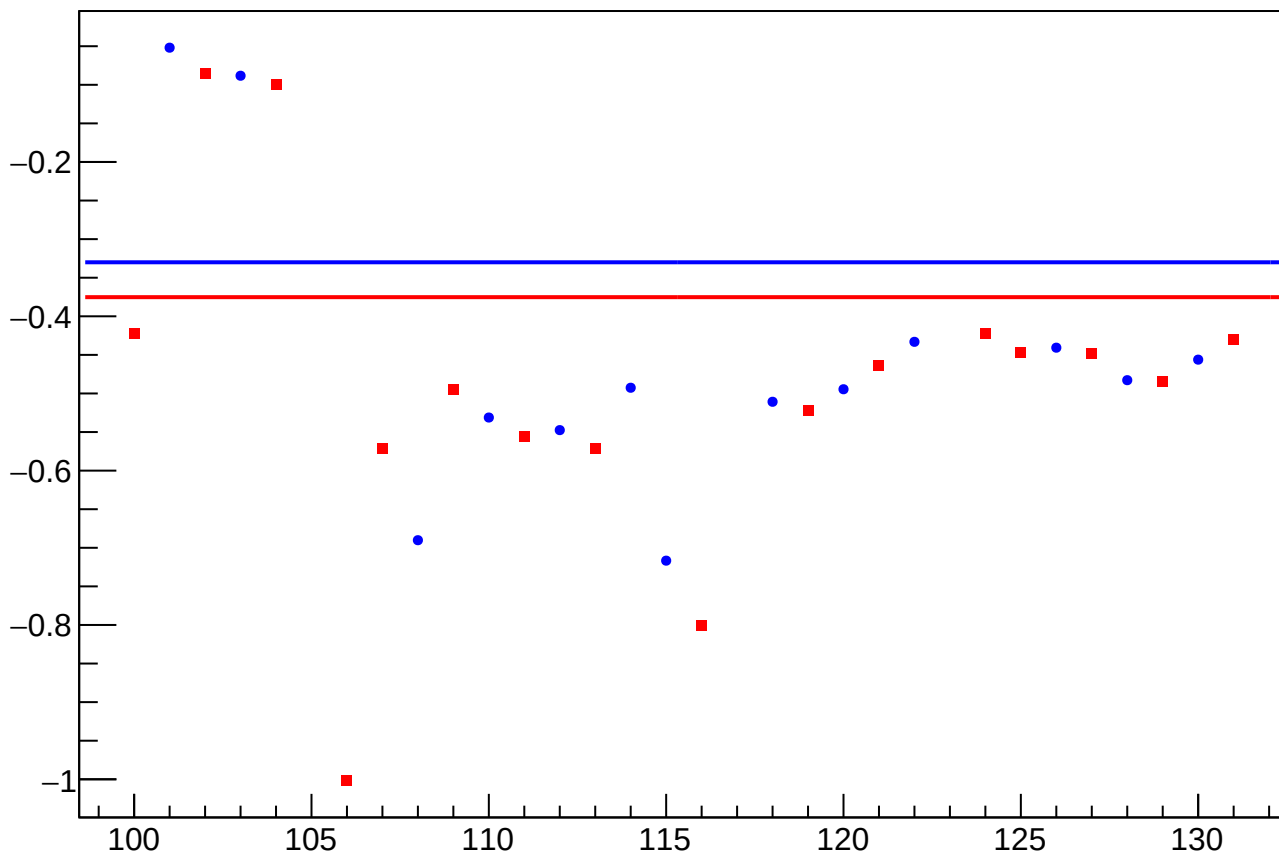
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.072+/-0.000 χ^2/NDF : 107620.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r03Y_mean vs Slug



Right In: -0.330+/-0.000 χ^2/NDF : 1868374654.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.375+/-0.000 χ^2/NDF : 2513484311.1/15

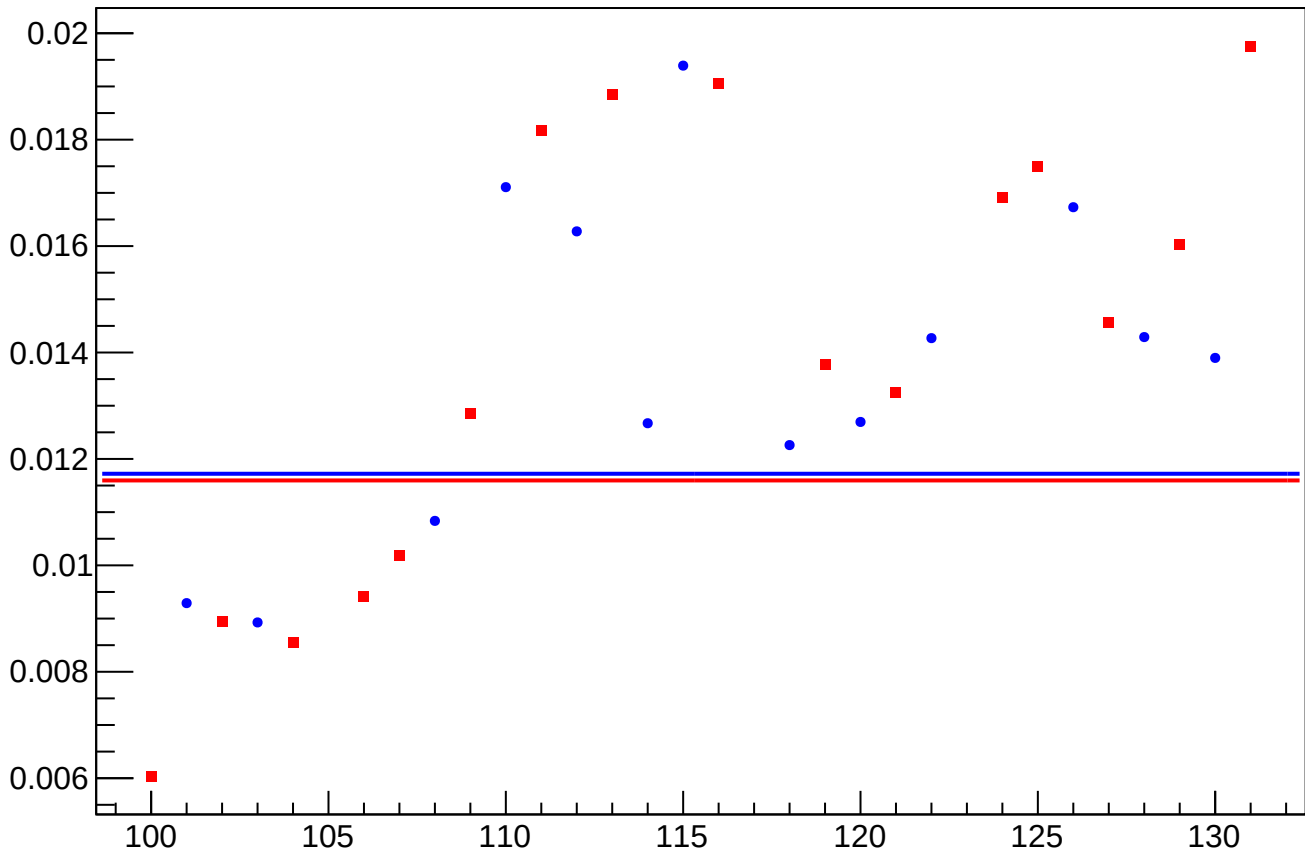
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.354+/-0.000 χ^2/NDF : 4418296001.2/2

- 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 : 513339.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 1012925.5/15

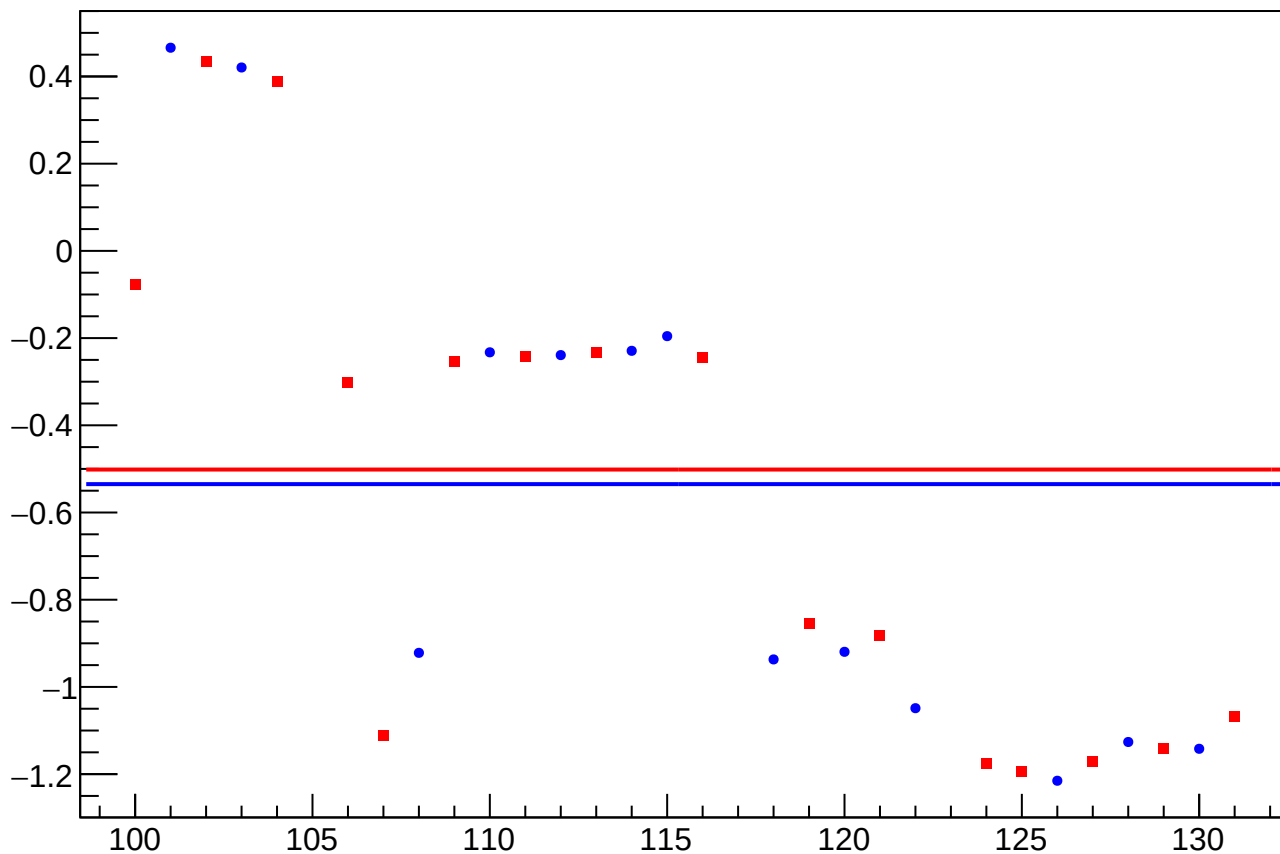
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 1526829.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r05X_mean vs Slug



Right In: -0.535+/-0.000 χ^2/NDF : 279756629.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.501+/-0.000 χ^2/NDF : 261755184.8/15

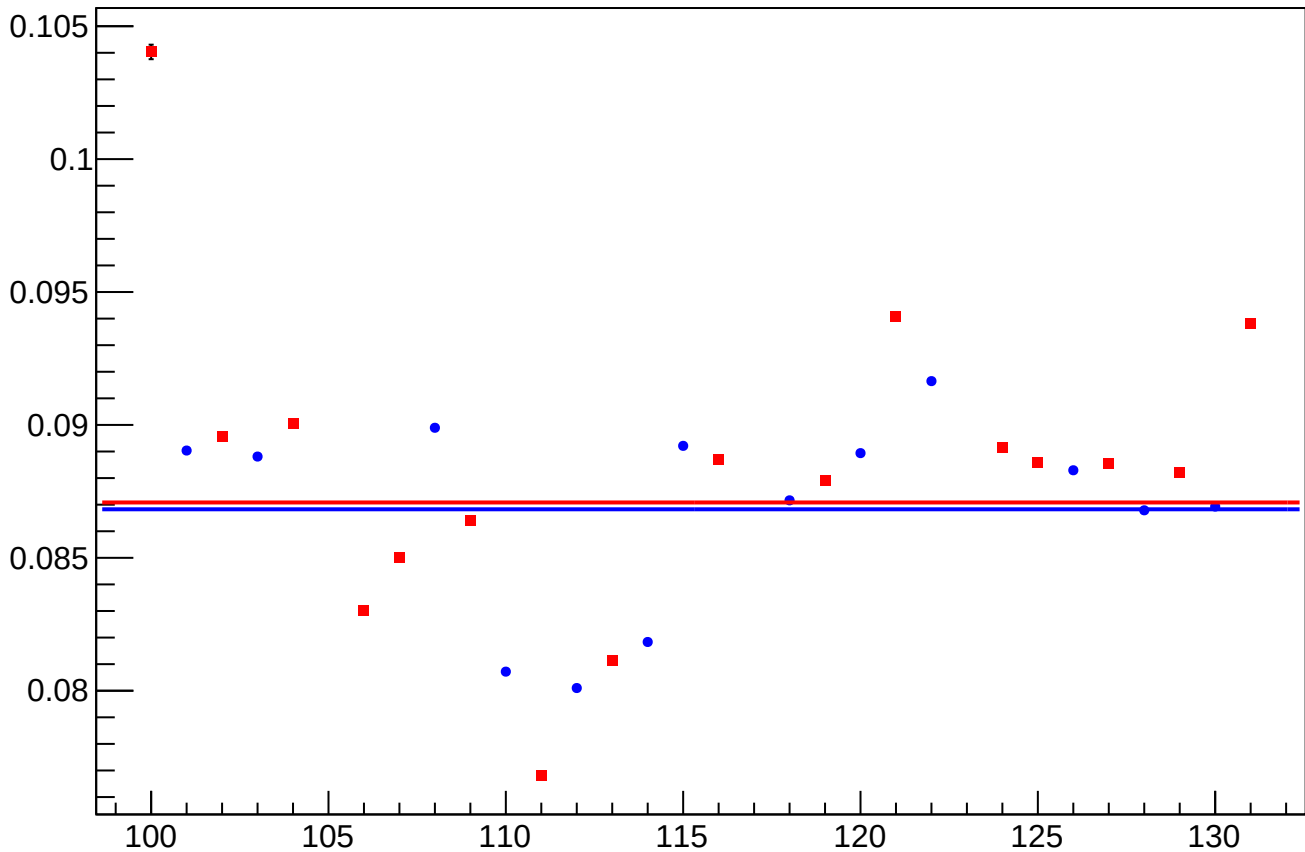
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.517+/-0.000 χ^2/NDF : 541946903.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r05X_rms vs Slug



Right In: 0.087 $\pm$ 0.000 χ^2 /NDF: 17632.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.087 $\pm$ 0.000 χ^2 /NDF: 38811.7/15

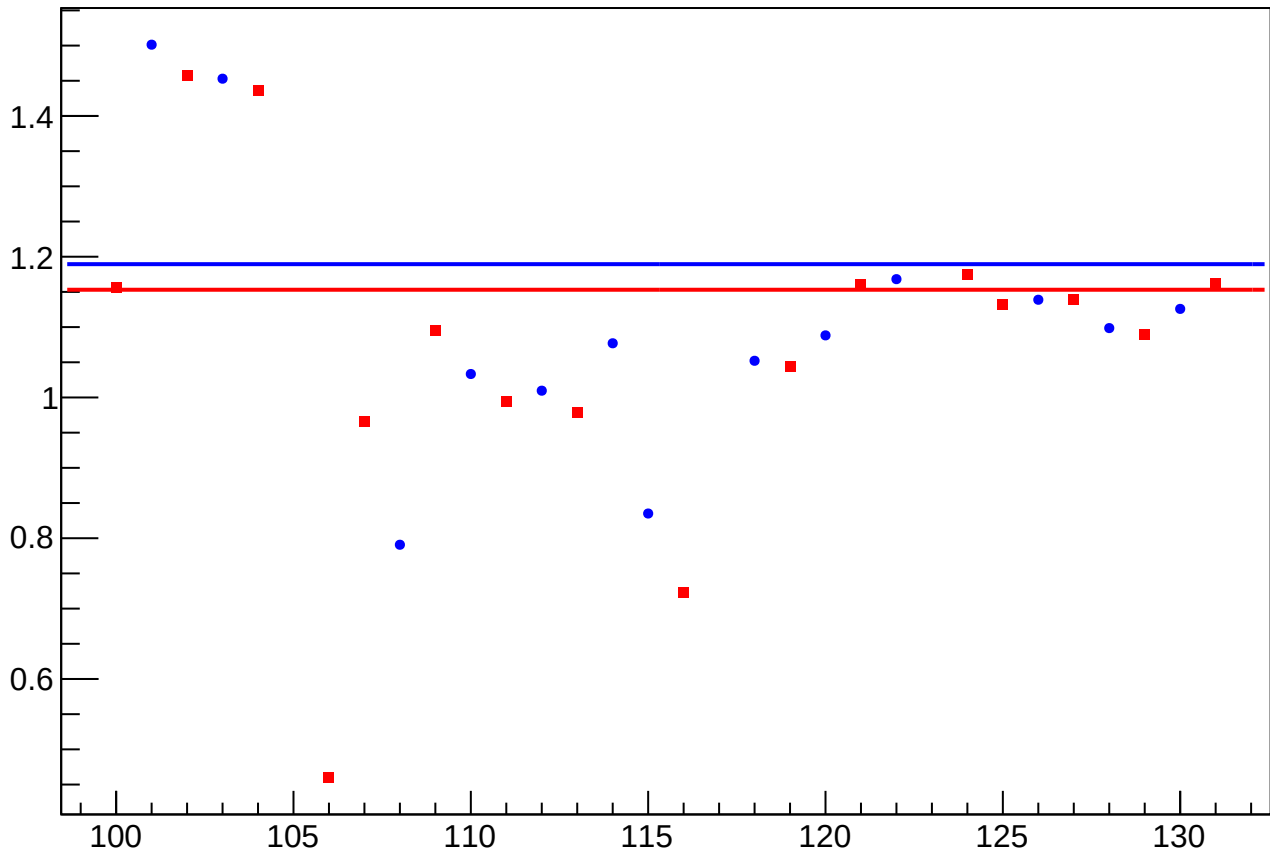
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.087 $\pm$ 0.000 χ^2 /NDF: 56495.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r05Y_mean vs Slug



Right In: 1.189+/-0.000 χ^2/NDF : 1075747343.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.153+/-0.000 χ^2/NDF : 1407888223.8/15

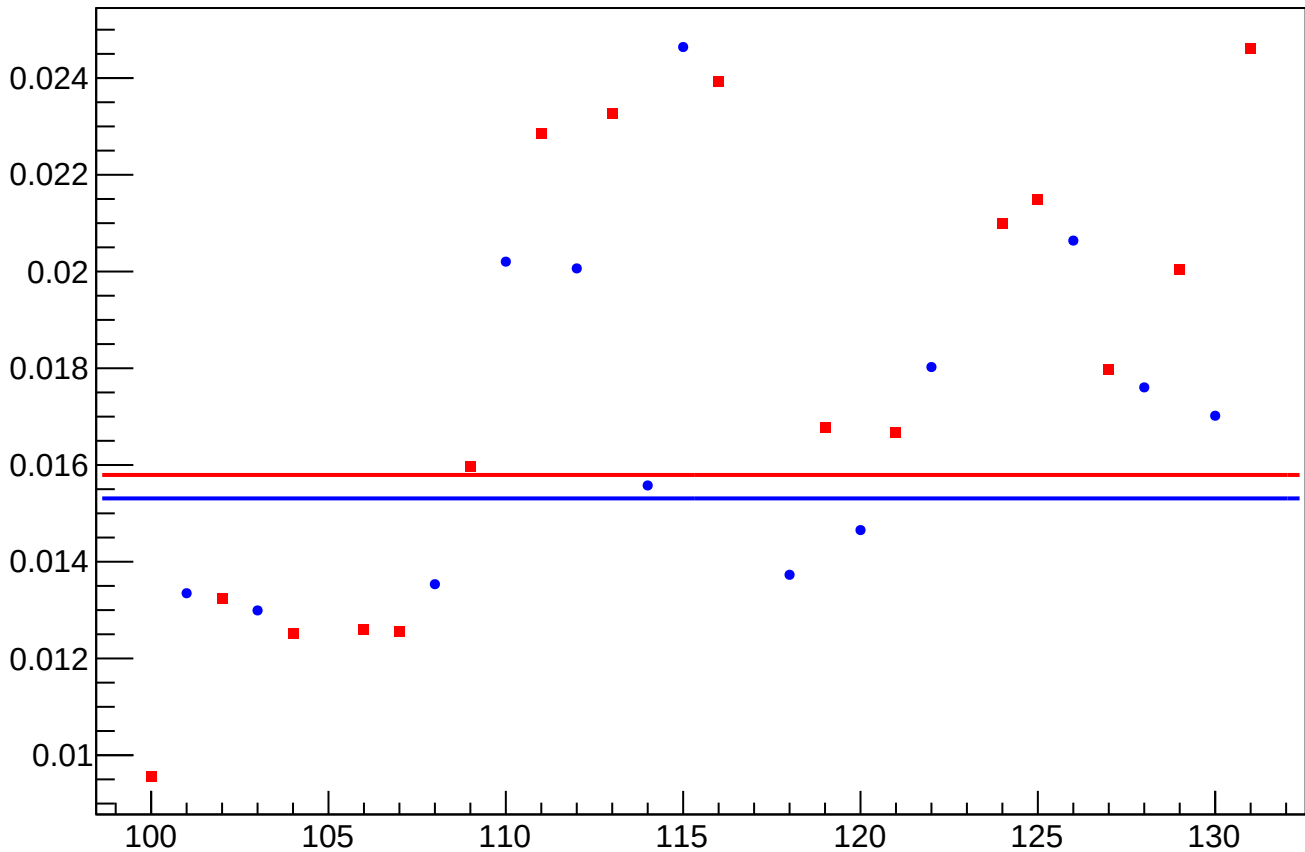
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.171+/-0.000 χ^2/NDF : 2497256586.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r05Y_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF : 295849.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 627029.7/15

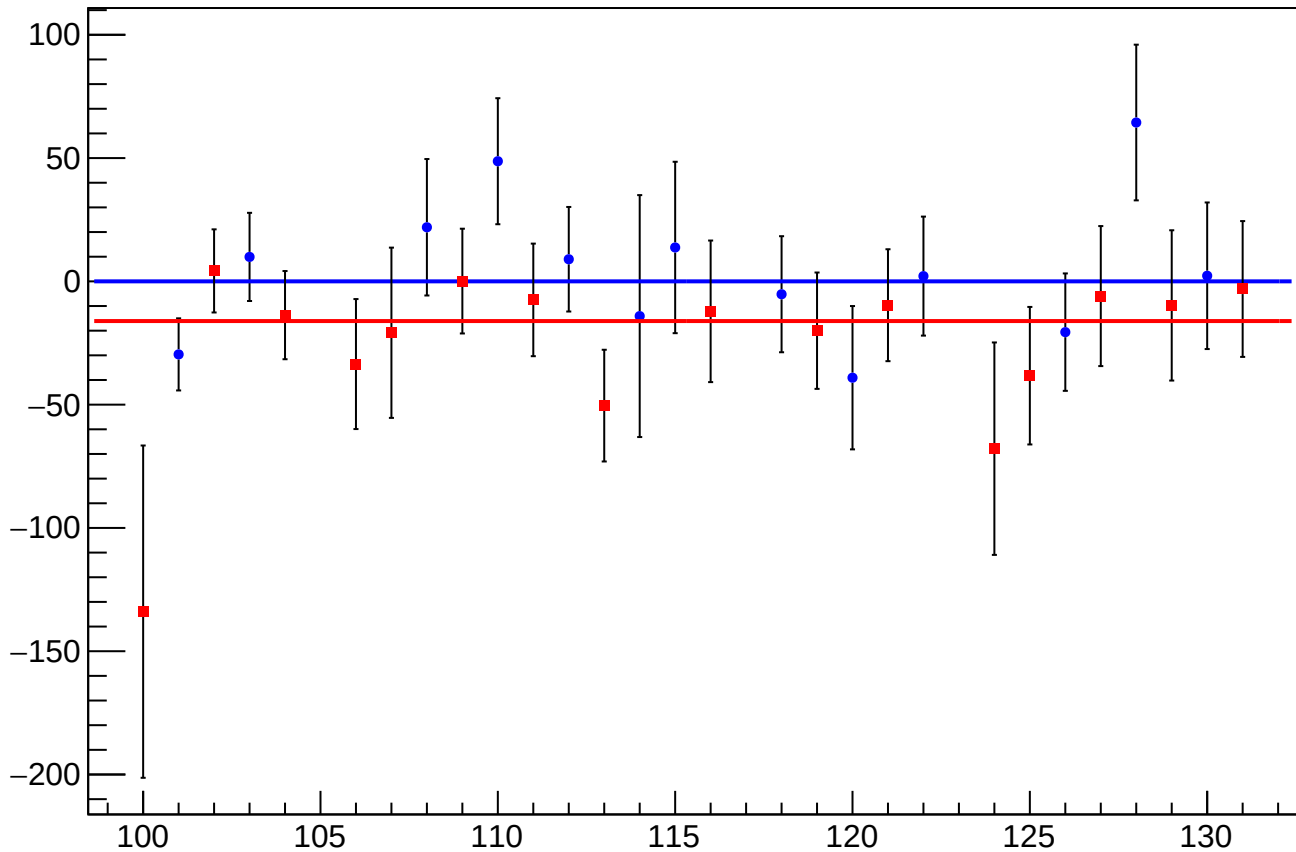
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 927723.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aX_mean vs Slug



Right In: 0.006 $\pm$ 6.635 χ^2 /NDF: 15.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -16.097 $\pm$ 6.245 χ^2 /NDF: 10.6/15

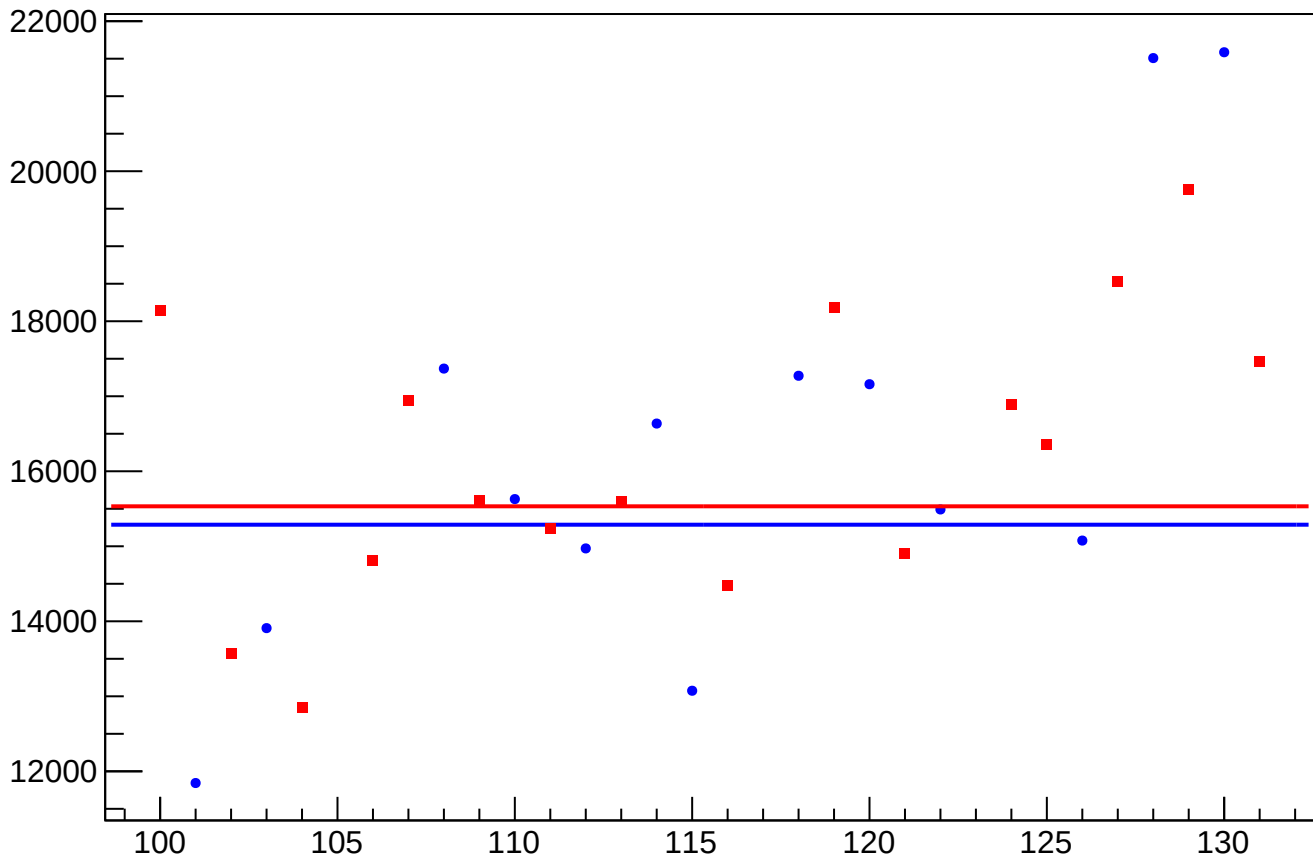
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -8.533 $\pm$ 4.548 χ^2 /NDF: 29.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm4aX_rms vs Slug



Right In: 15287.524+/-4.692 χ^2/NDF : 334820.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15532.796+/-4.416 χ^2/NDF : 184084.7/15

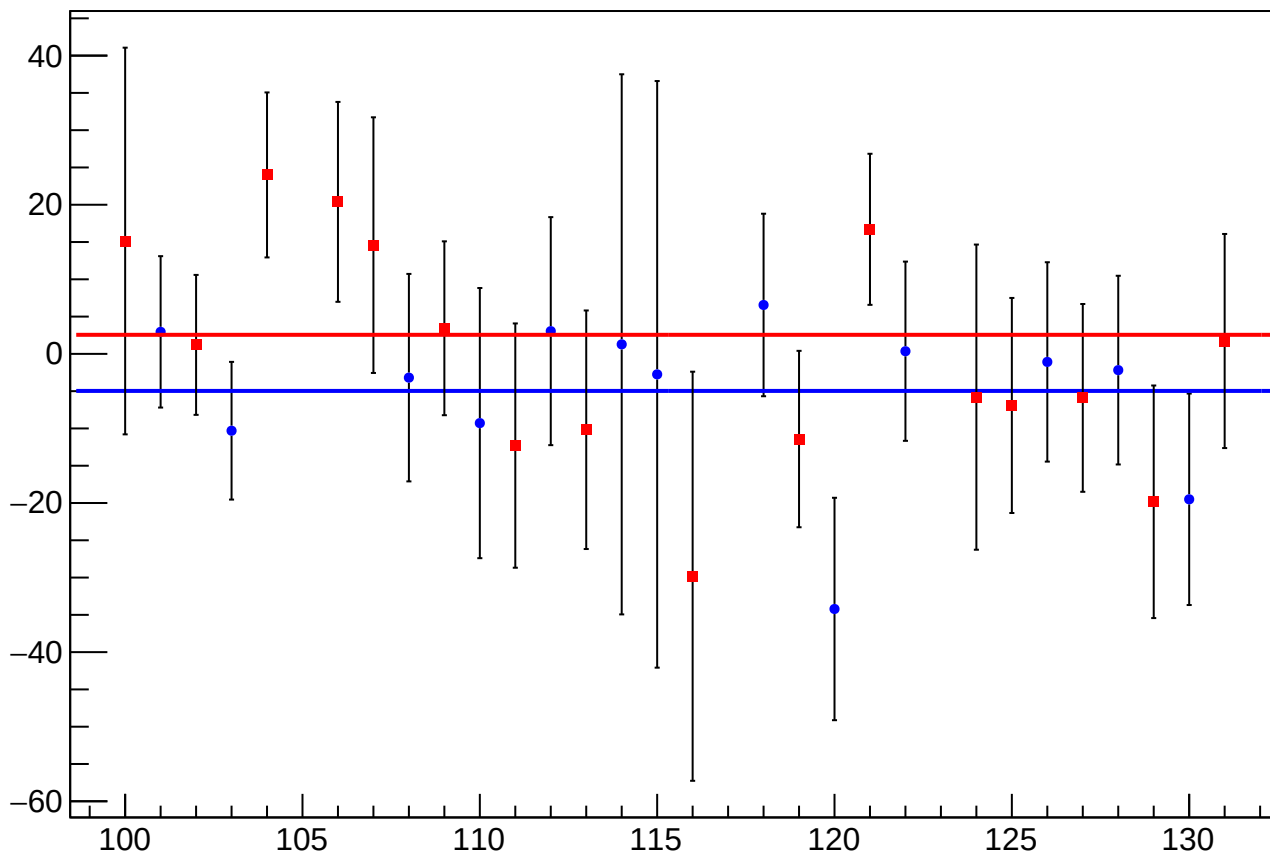
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15417.579+/-3.216 χ^2/NDF : 520354.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aY_mean vs Slug



Right In: -4.969 ± 3.773 χ^2/NDF : 7.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.556 ± 3.417 χ^2/NDF : 15.6/15

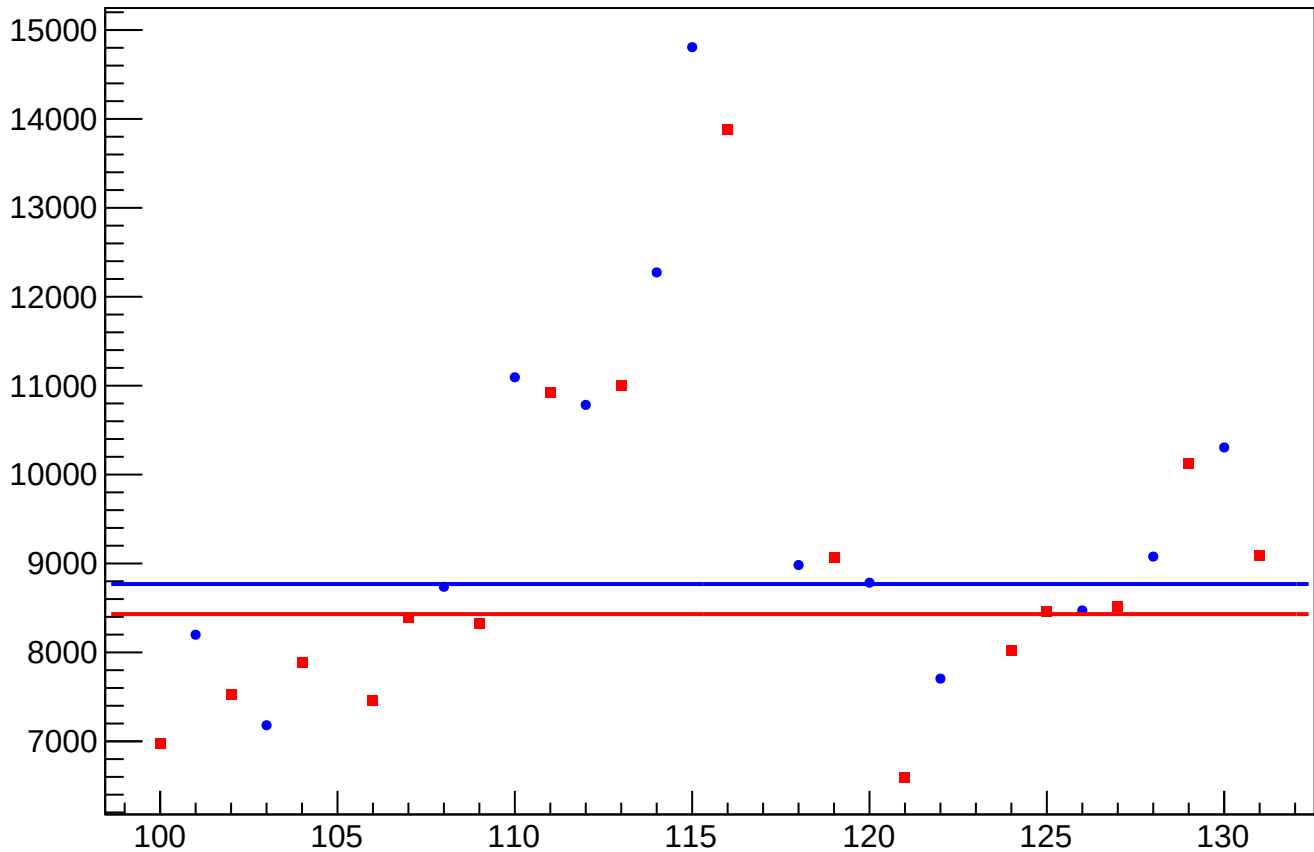
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.834 ± 2.533 χ^2/NDF : 25.2/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm4aY_rms vs Slug



Right In: 8768.967 $\pm$ 2.668 χ^2 /NDF: 240952.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8430.797 $\pm$ 2.416 χ^2 /NDF: 316536.2/15

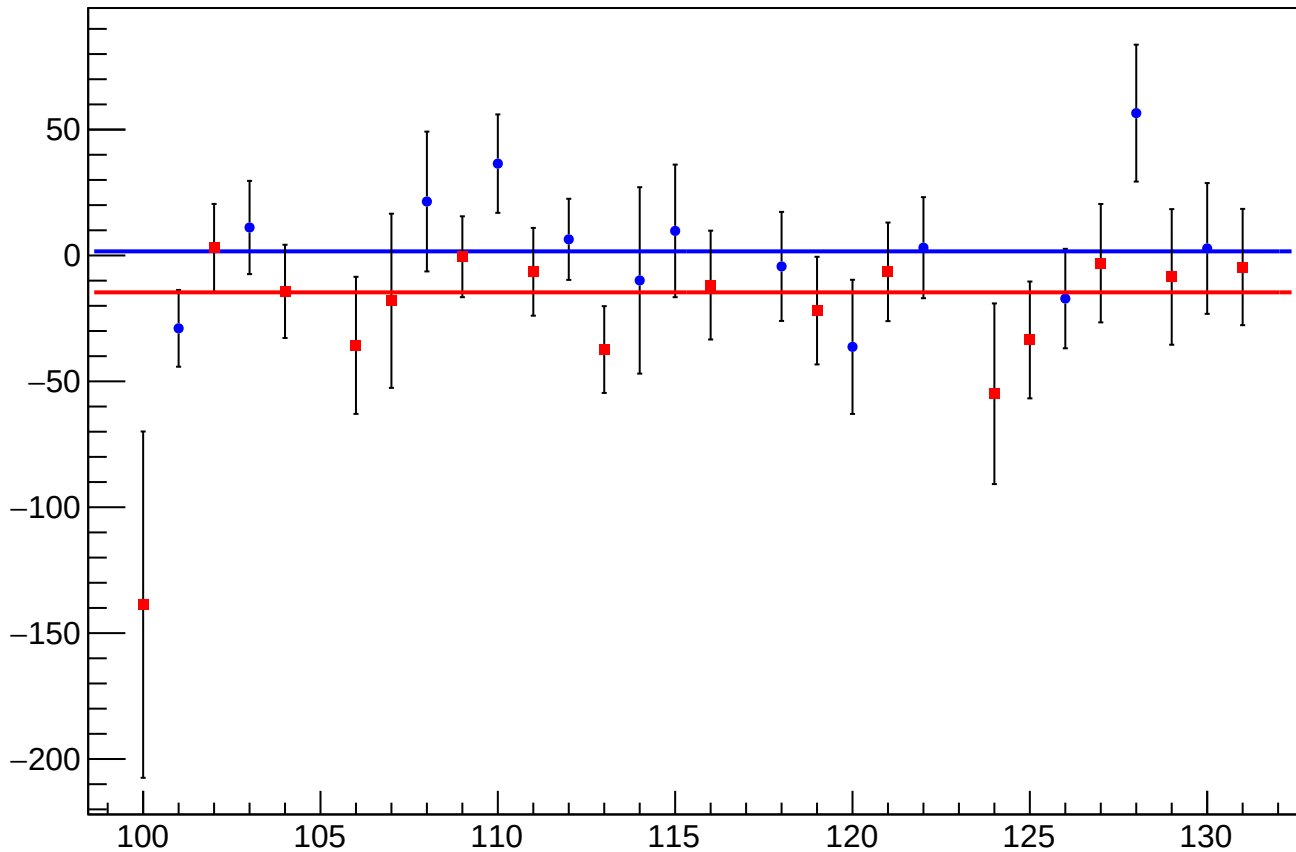
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8583.164 $\pm$ 1.791 χ^2 /NDF: 566315.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm4eX_mean vs Slug



Right In: 1.636 $\pm$ 5.915 χ^2 /NDF: 15.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -14.648 $\pm$ 5.443 χ^2 /NDF: 10.3/15

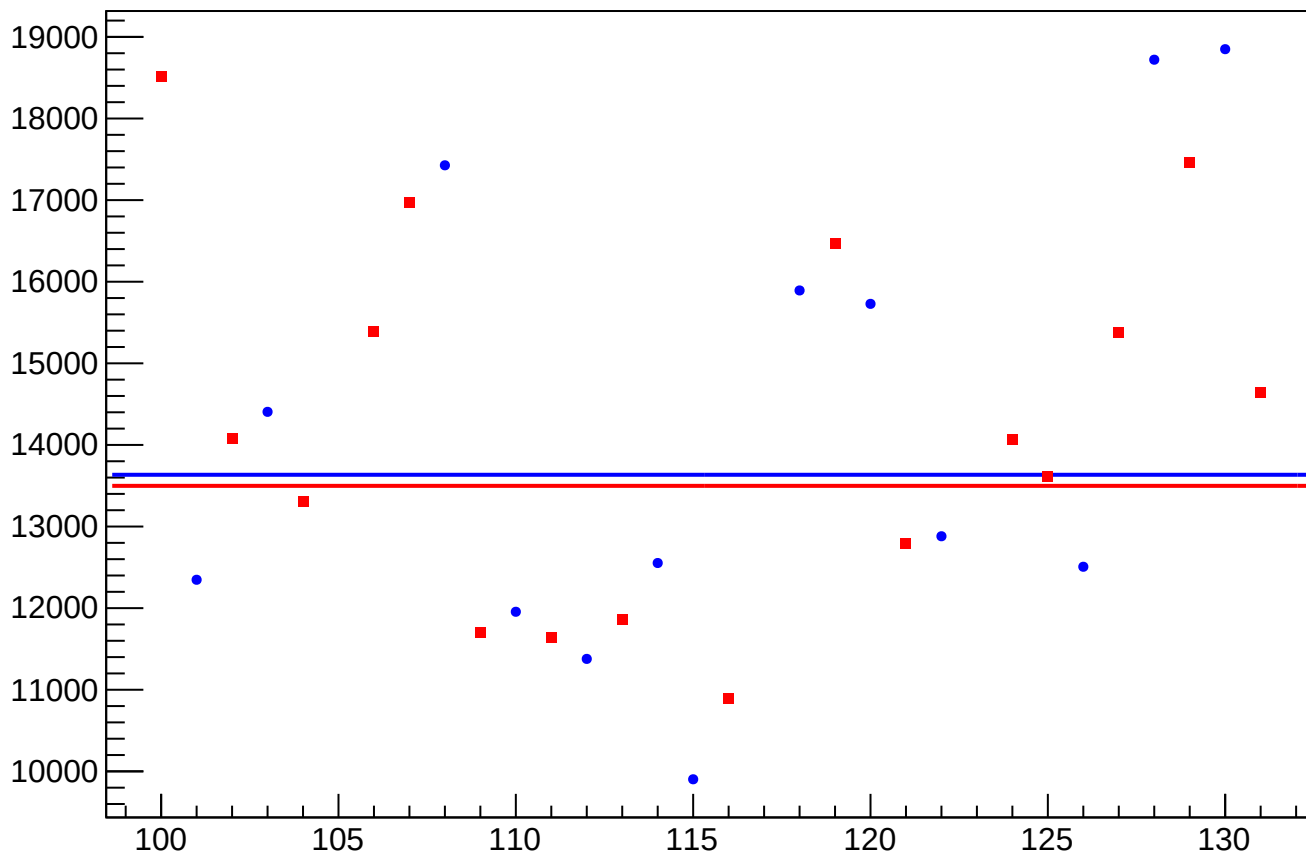
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -7.183 $\pm$ 4.005 χ^2 /NDF: 29.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm4eX_rms vs Slug



Right In: 13634.309+/-4.183 χ^2/NDF : 344940.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13498.568+/-3.849 χ^2/NDF : 240385.7/15

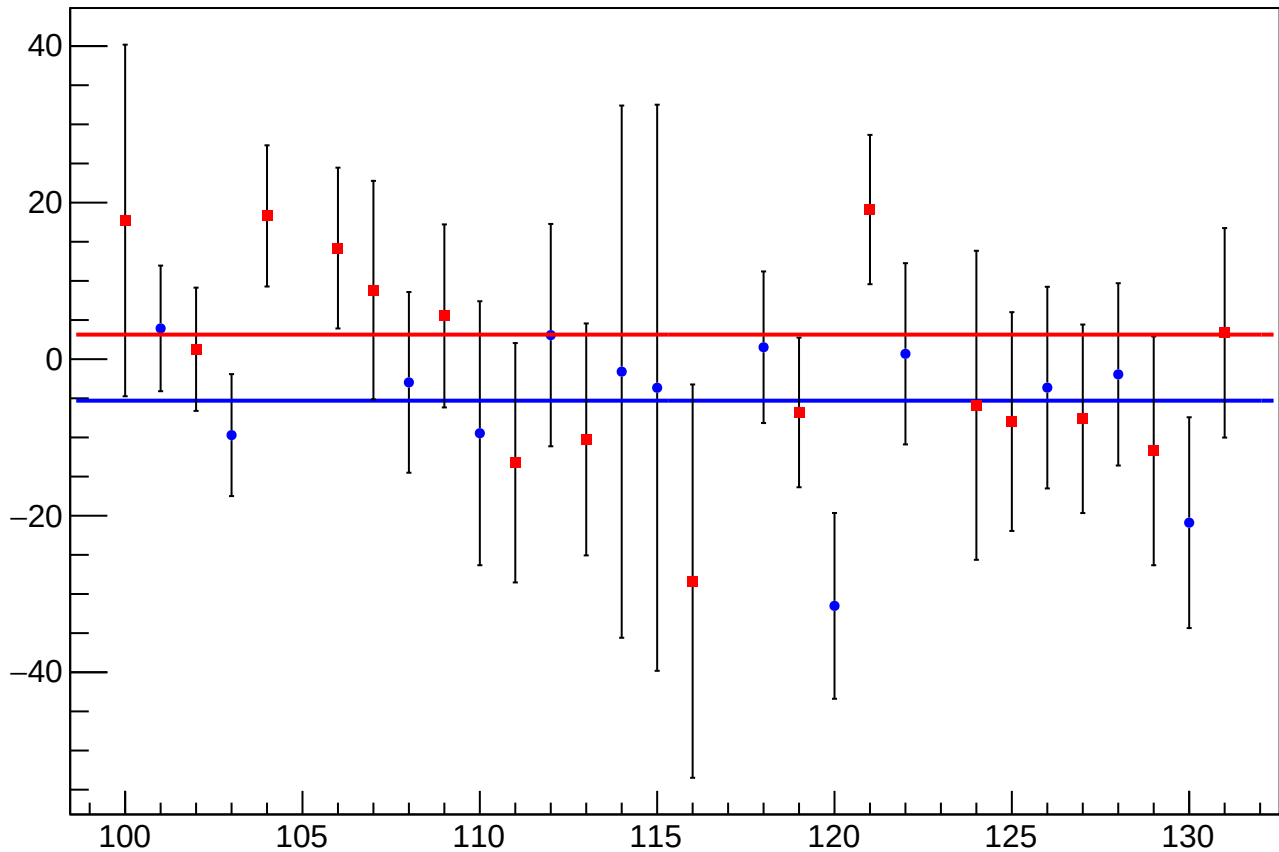
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13560.800+/-2.832 χ^2/NDF : 585896.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4eY_mean vs Slug



Right In: -5.301+/-3.266 χ^2/NDF : 9.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.138+/-3.022 χ^2/NDF : 14.8/15

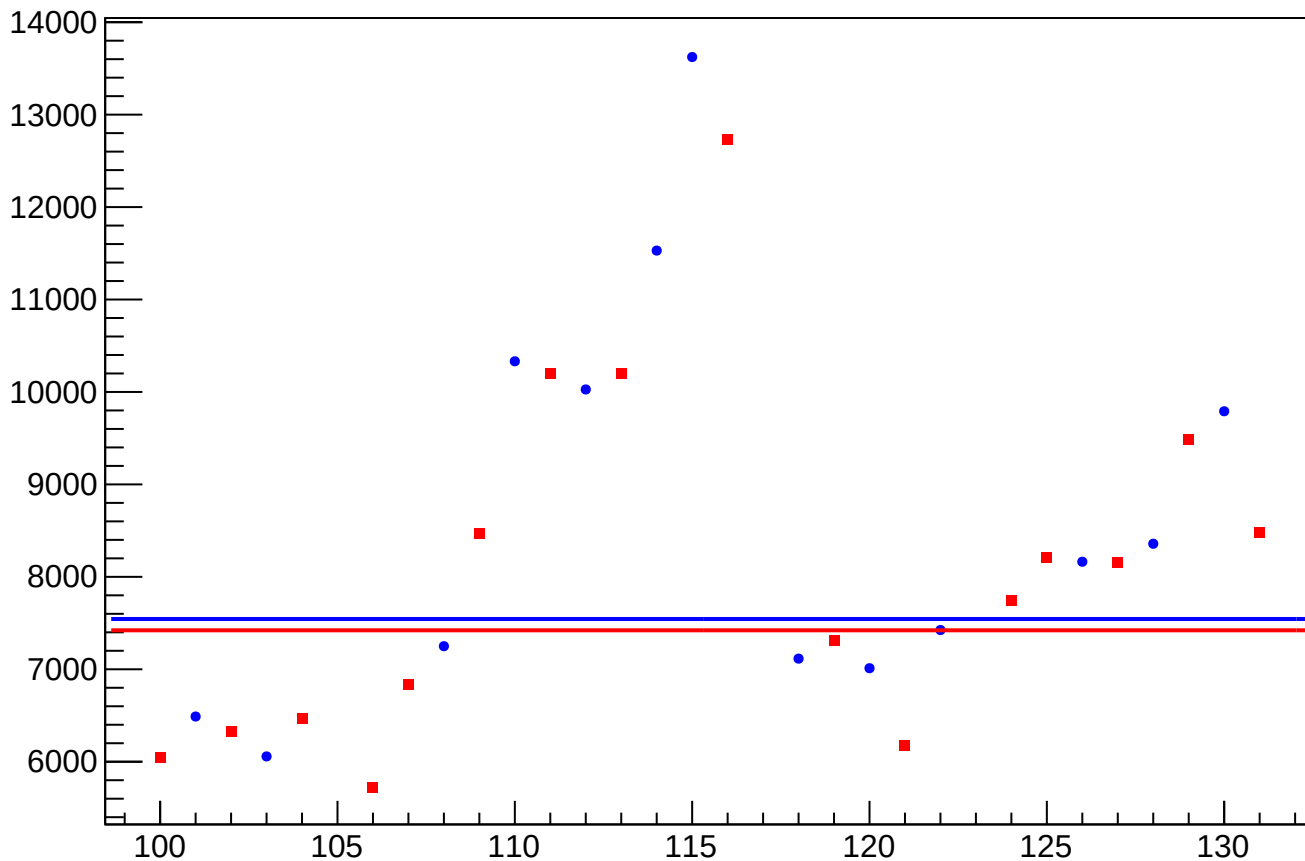
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.754+/-2.218 χ^2/NDF : 27.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4eY_rms vs Slug



Right In: 7544.172+/-2.309 χ^2/NDF : 386696.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

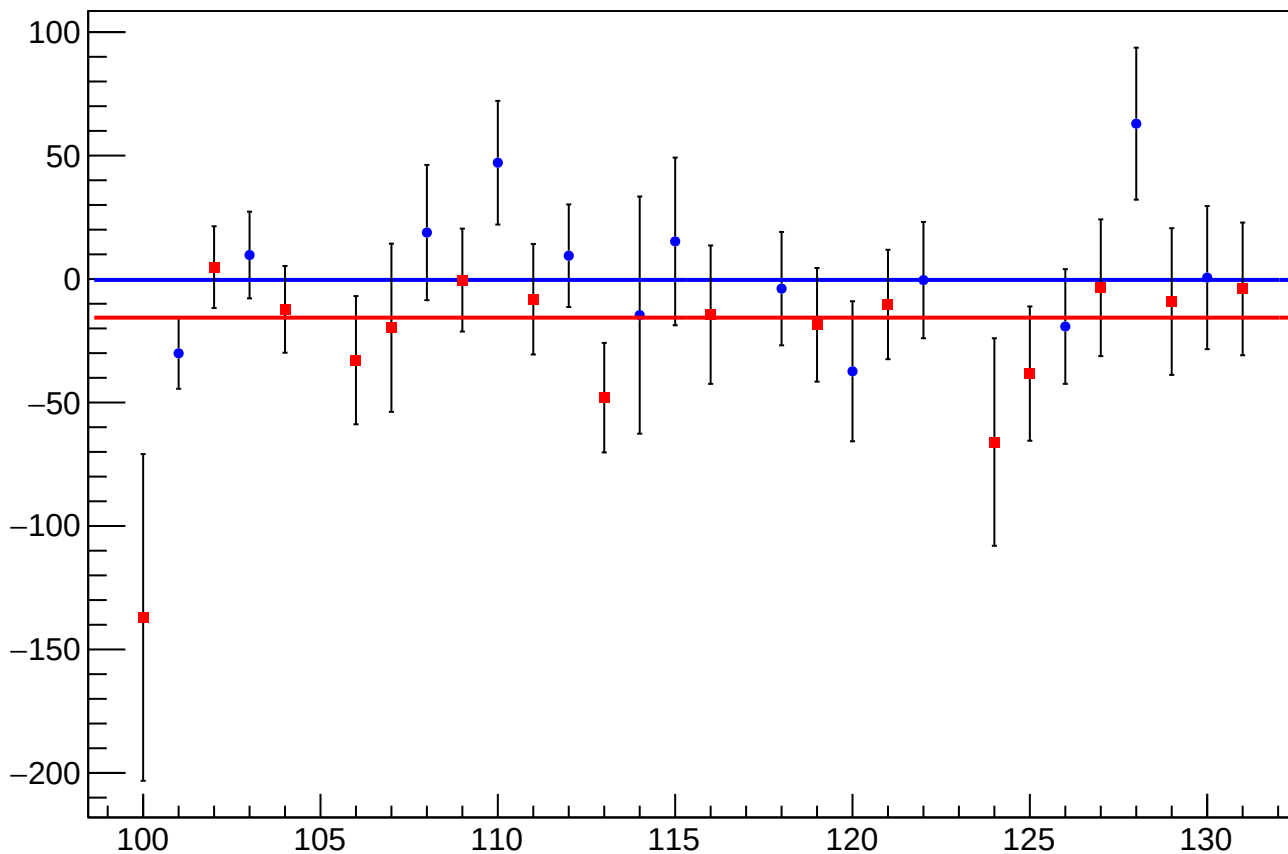
Right Out: 7421.718+/-2.137 χ^2/NDF : 468803.5/15

All: 7478.190+/-1.568 χ^2/NDF : 857014.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4acX_mean vs Slug



Right In: -0.344+/-6.499 χ^2 /NDF: 15.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -15.631+/-6.115 χ^2 /NDF: 10.8/15

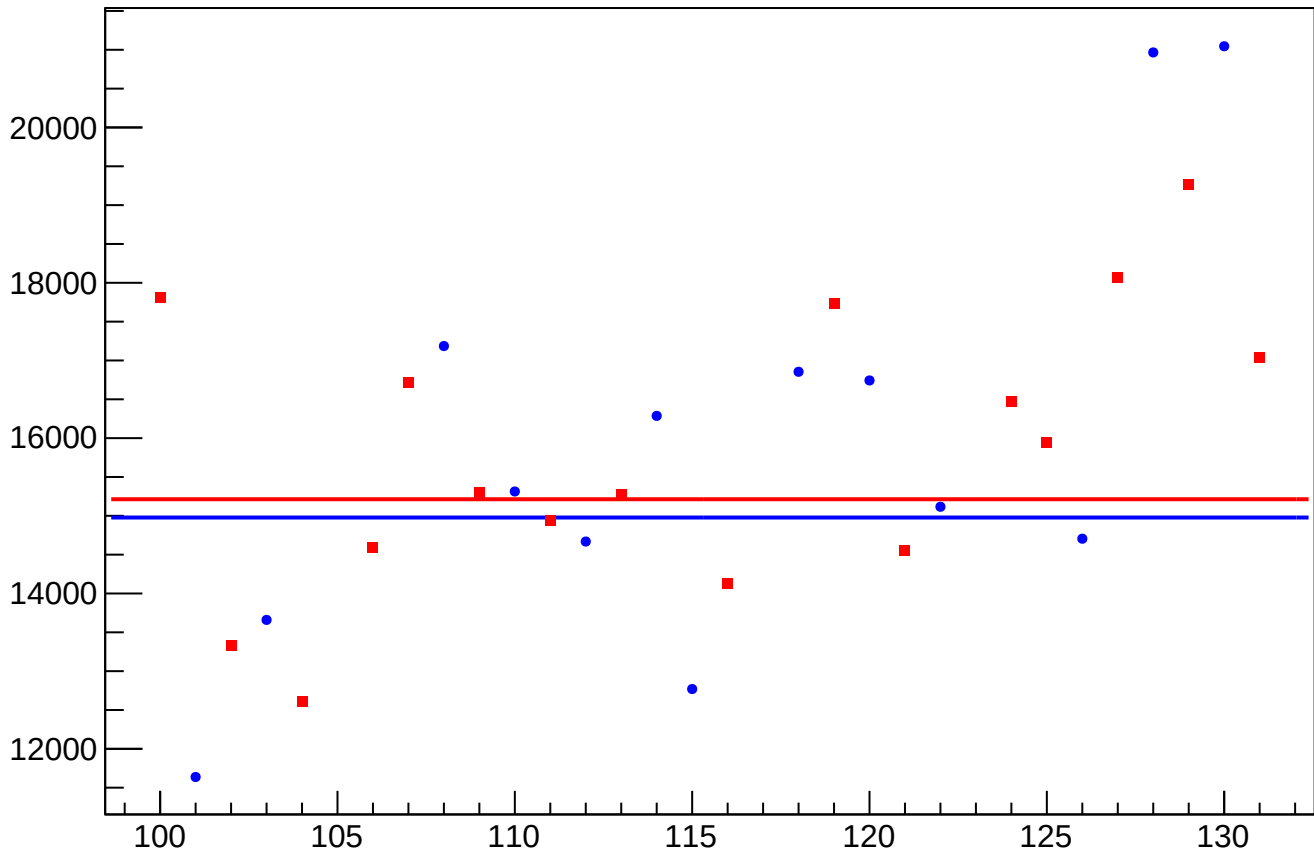
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -8.451+/-4.454 χ^2 /NDF: 29.6/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm4acX_rms vs Slug



Right In: 14978.062+/-4.595 χ^2/NDF : 327974.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

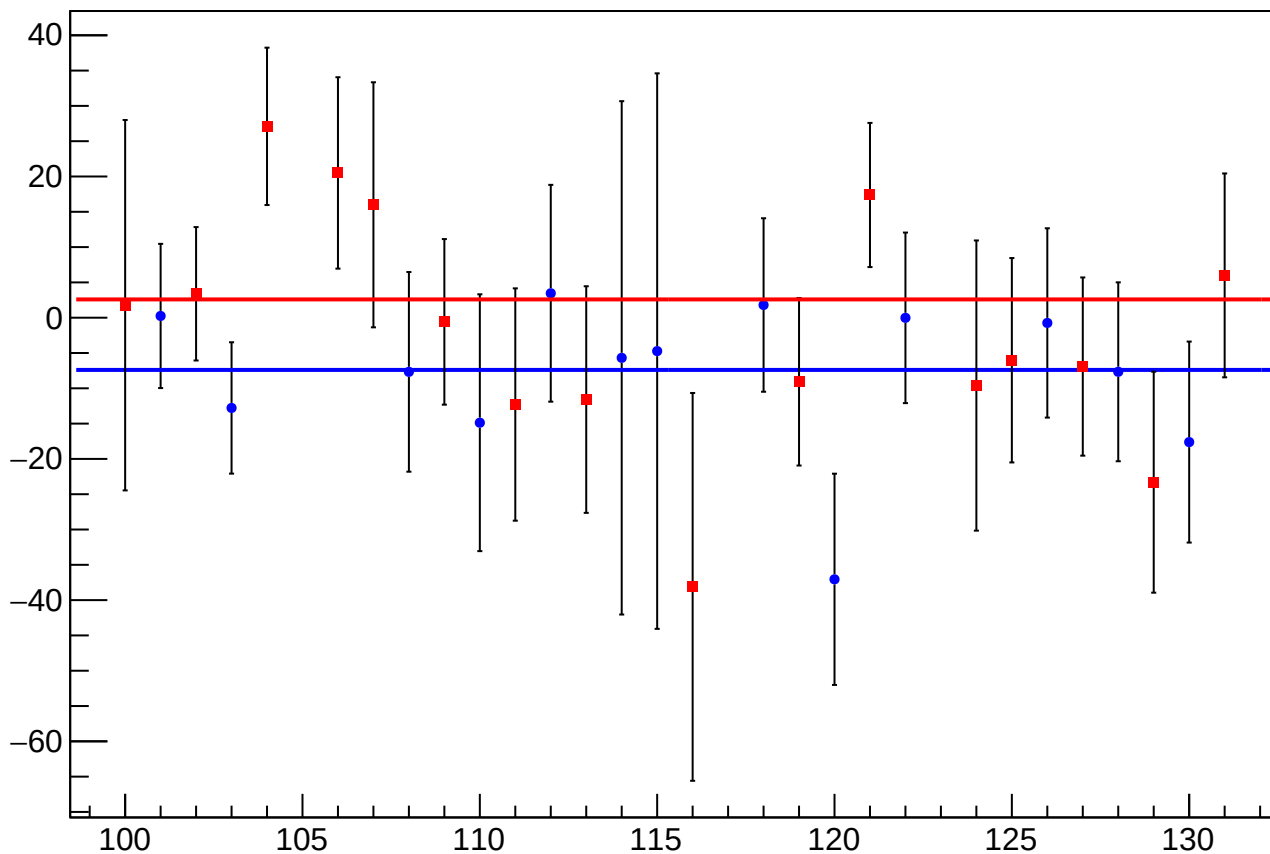
Right Out: 15213.559+/-4.324 χ^2/NDF : 177865.2/15

All: 15102.961+/-3.149 χ^2/NDF : 507233.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4acY_mean vs Slug



Right In: -7.396+/-3.793 χ^2/NDF : 7.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.589+/-3.437 χ^2/NDF : 18.2/15

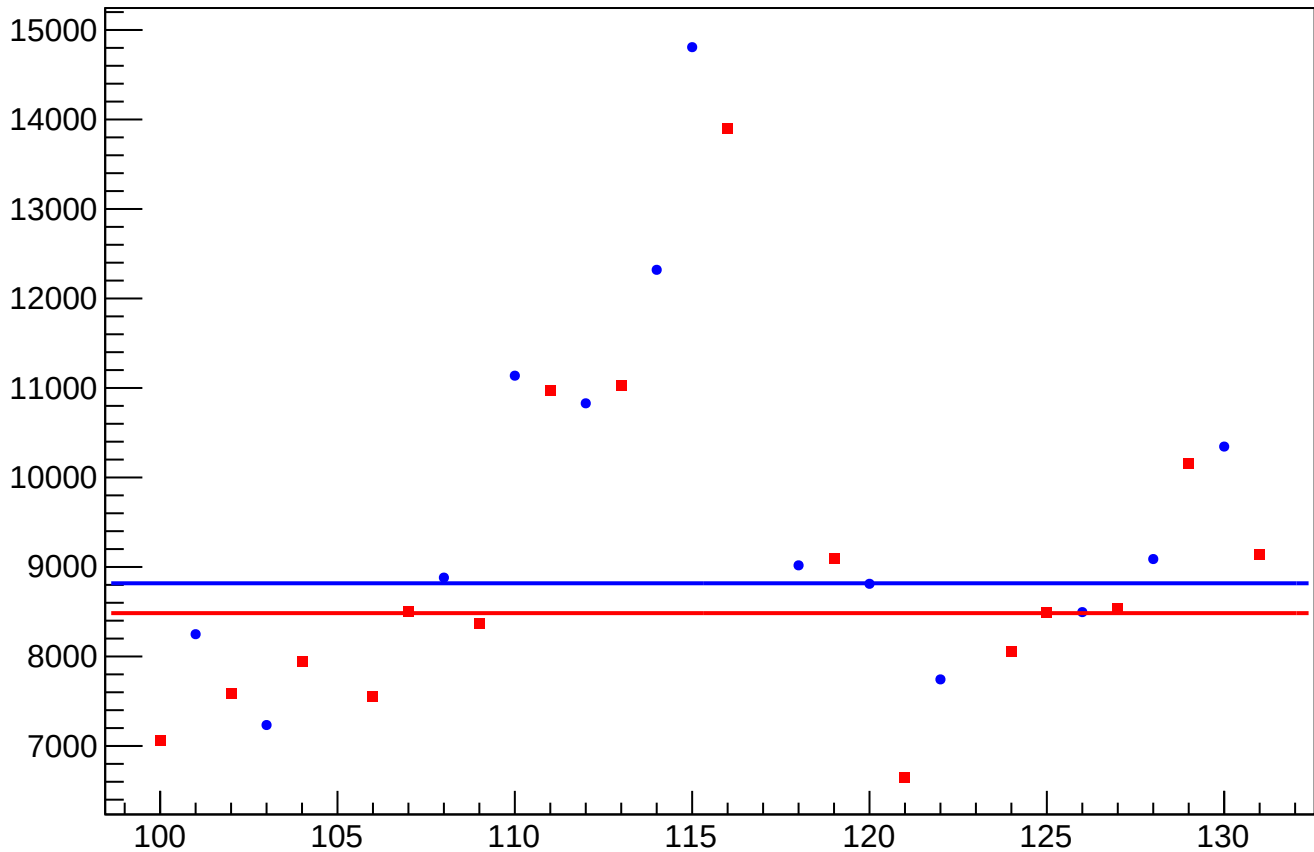
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.913+/-2.547 χ^2/NDF : 29.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4acY_rms vs Slug



Right In: 8817.848 $\pm$ 2.682 χ^2 /NDF: 237442.0/12

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

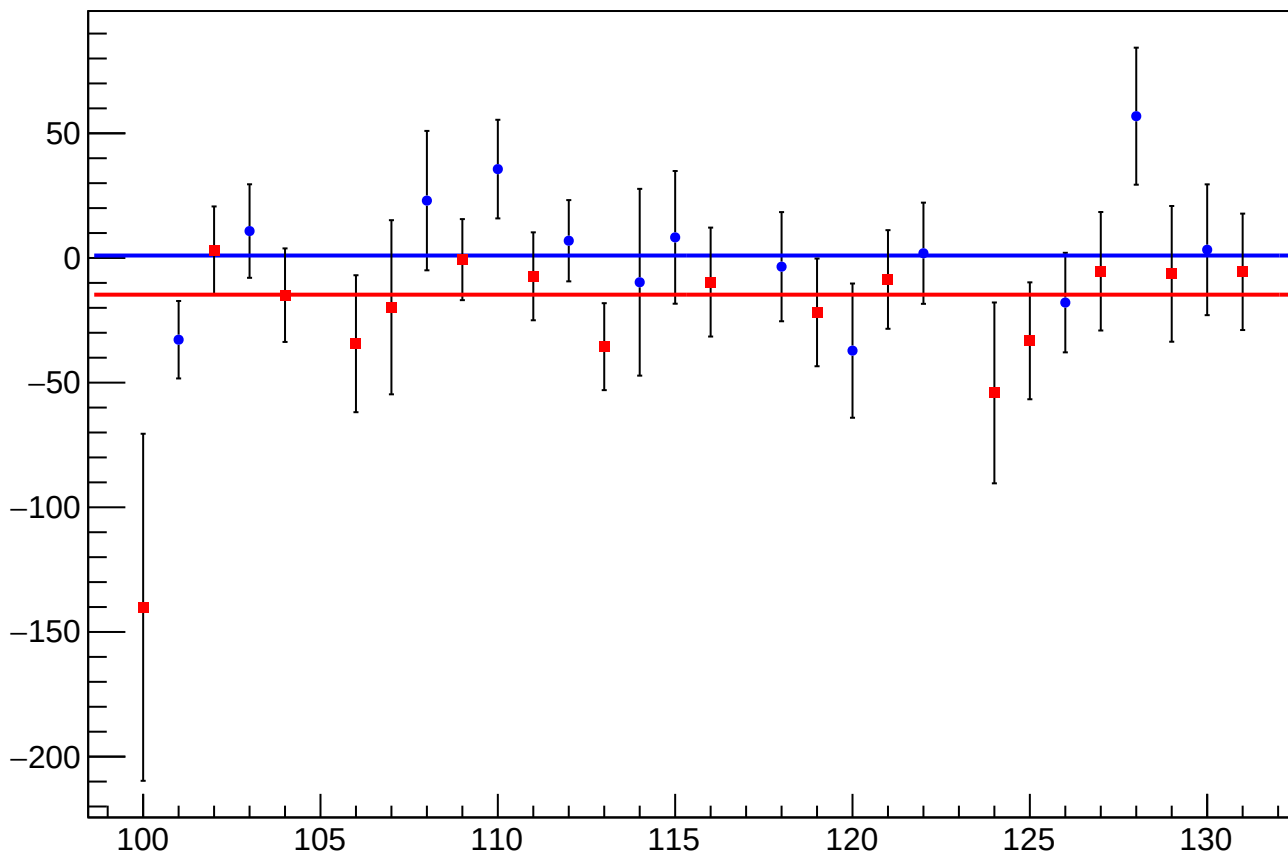
Right Out: 8484.298 $\pm$ 2.430 χ^2 /NDF: 309848.3/15

All: 8634.679 $\pm$ 1.801 χ^2 /NDF: 555781.6/28

- 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_bpm4ecX_mean vs Slug



Right In: 0.981 ± 5.987 χ^2/NDF : 16.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -14.719 ± 5.504 χ^2/NDF : 9.6/15

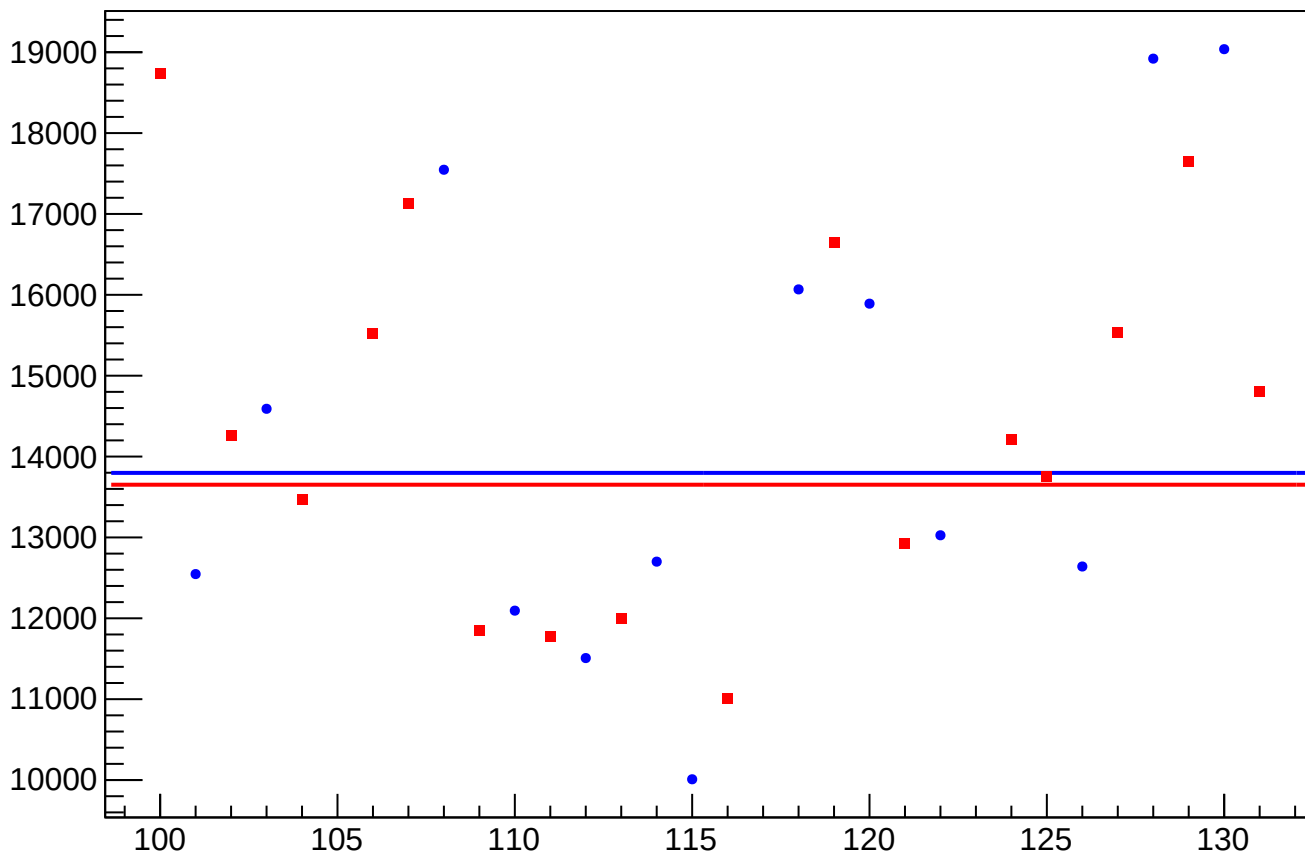
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.528 ± 4.052 χ^2/NDF : 29.4/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm4ecX_rms vs Slug



Right In: 13798.087+/-4.234 χ^2/NDF : 341539.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13651.873+/-3.892 χ^2/NDF : 239154.8/15

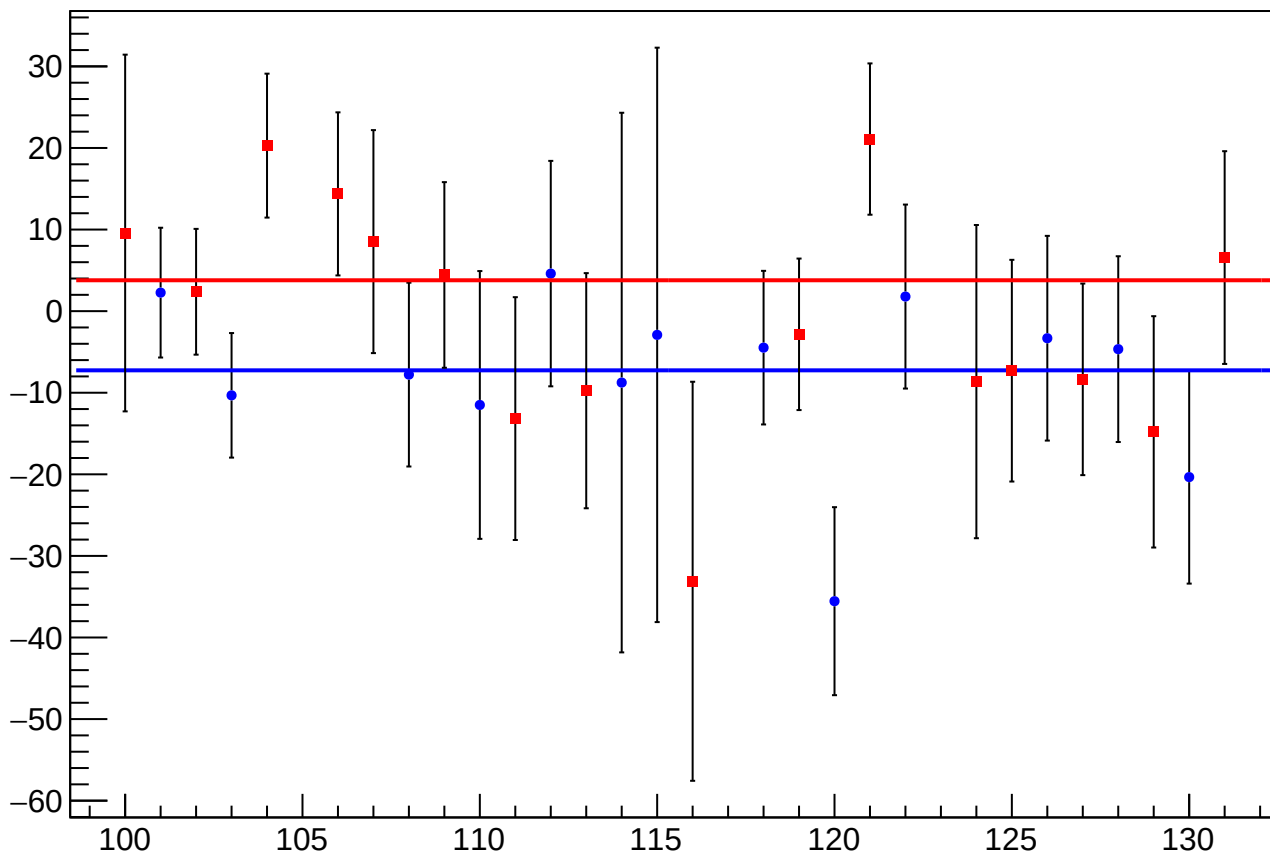
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13718.842+/-2.865 χ^2/NDF : 581340.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4ecY_mean vs Slug



Right In: -7.254 ± 3.192 χ^2/NDF : 10.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 3.785 ± 2.944 χ^2/NDF : 17.2/15

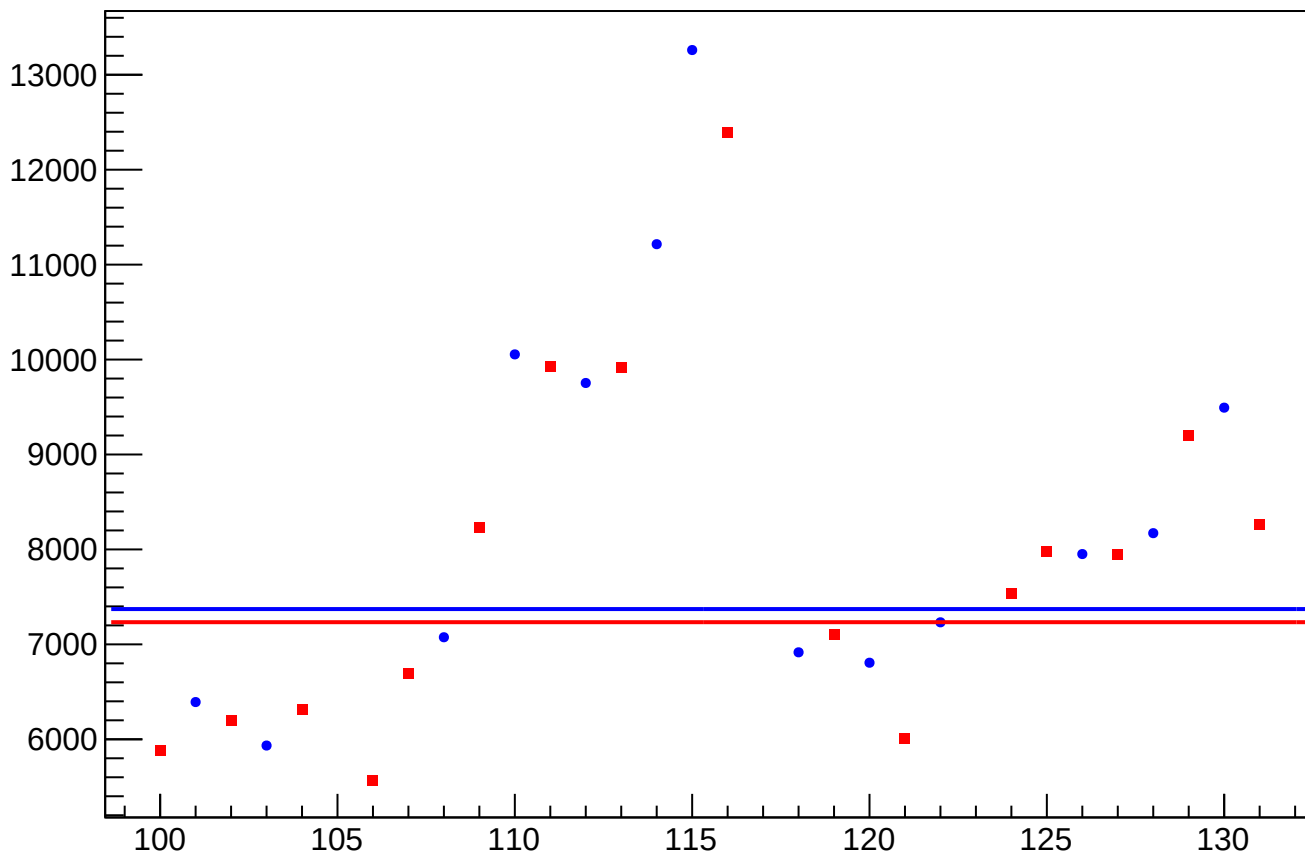
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.290 ± 2.164 χ^2/NDF : 34.0/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm4ecY_rms vs Slug



Right In: 7371.840+/-2.257 χ^2/NDF : 375256.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

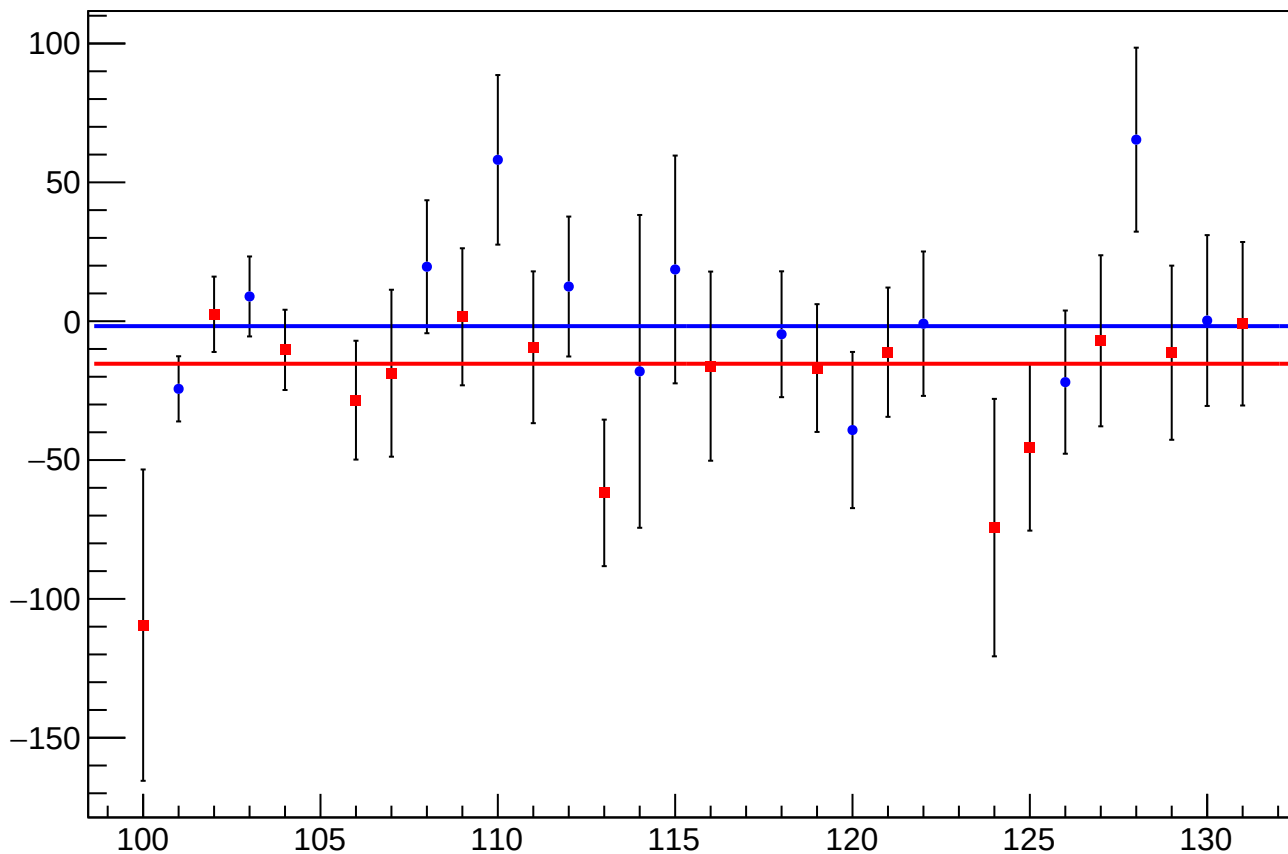
Right Out: 7233.554+/-2.082 χ^2/NDF : 463176.4/15

All: 7297.124+/-1.530 χ^2/NDF : 840460.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1X_mean vs Slug



Right In: -1.778 ± 6.257 χ^2/NDF : 16.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.323 ± 6.015 χ^2/NDF : 11.7/15

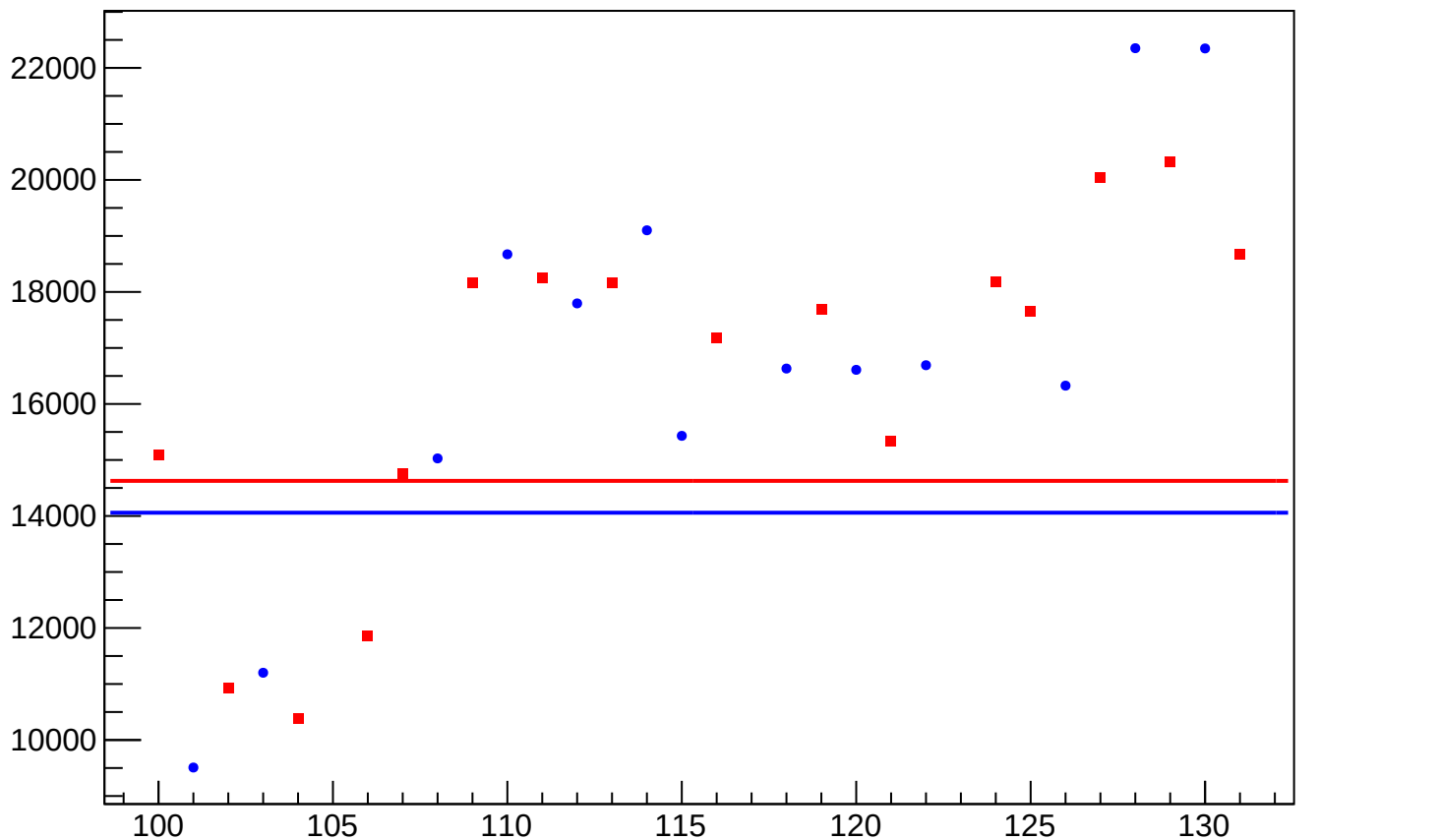
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.817 ± 4.336 χ^2/NDF : 30.1/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm1X_rms vs Slug



Right In: 14058.224+/-4.424 χ^2/NDF : 839250.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

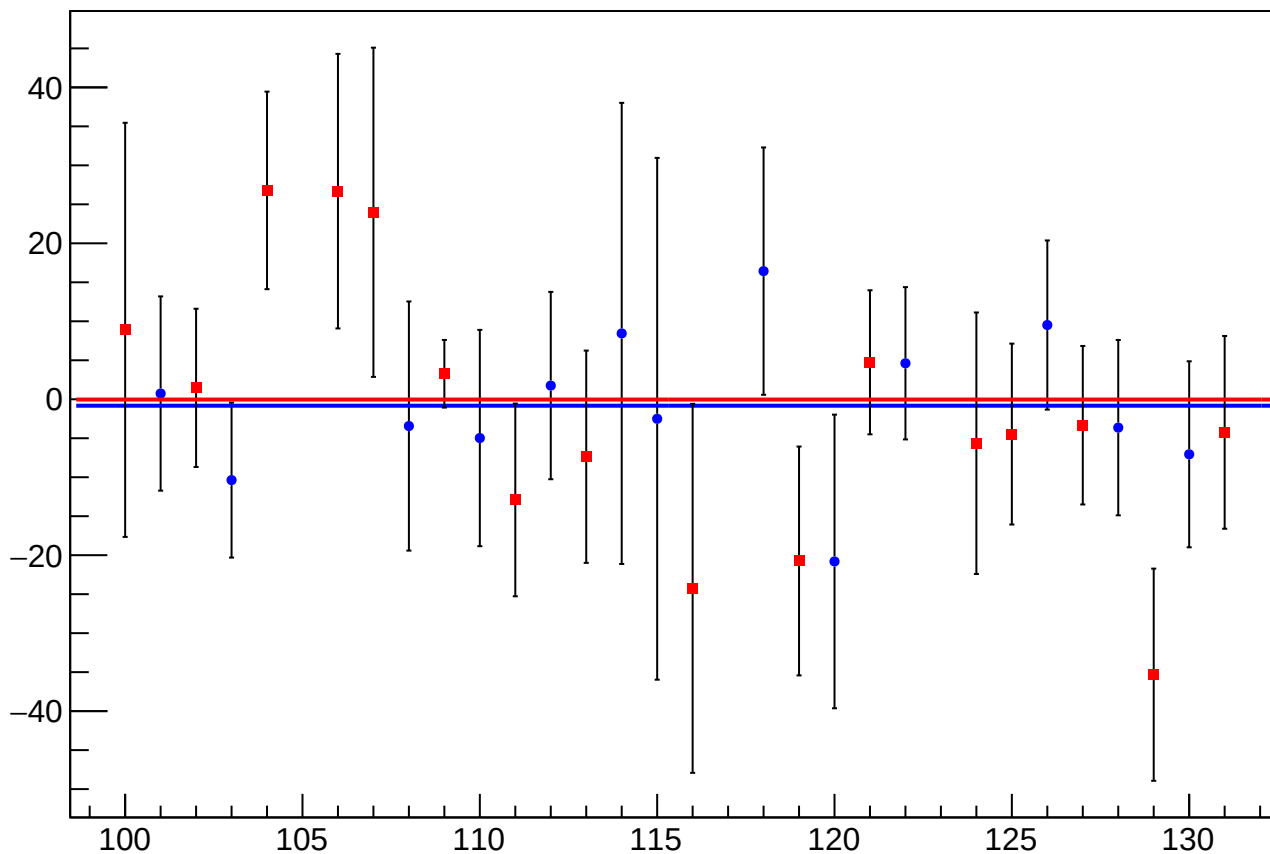
Right Out: 14626.800+/-4.253 χ^2/NDF : 714103.5/15

All: 14353.700+/-3.066 χ^2/NDF : 1561937.0/2

- 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: -0.828 ± 3.643 χ^2/NDF : 5.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.036 ± 2.685 χ^2/NDF : 20.7/15

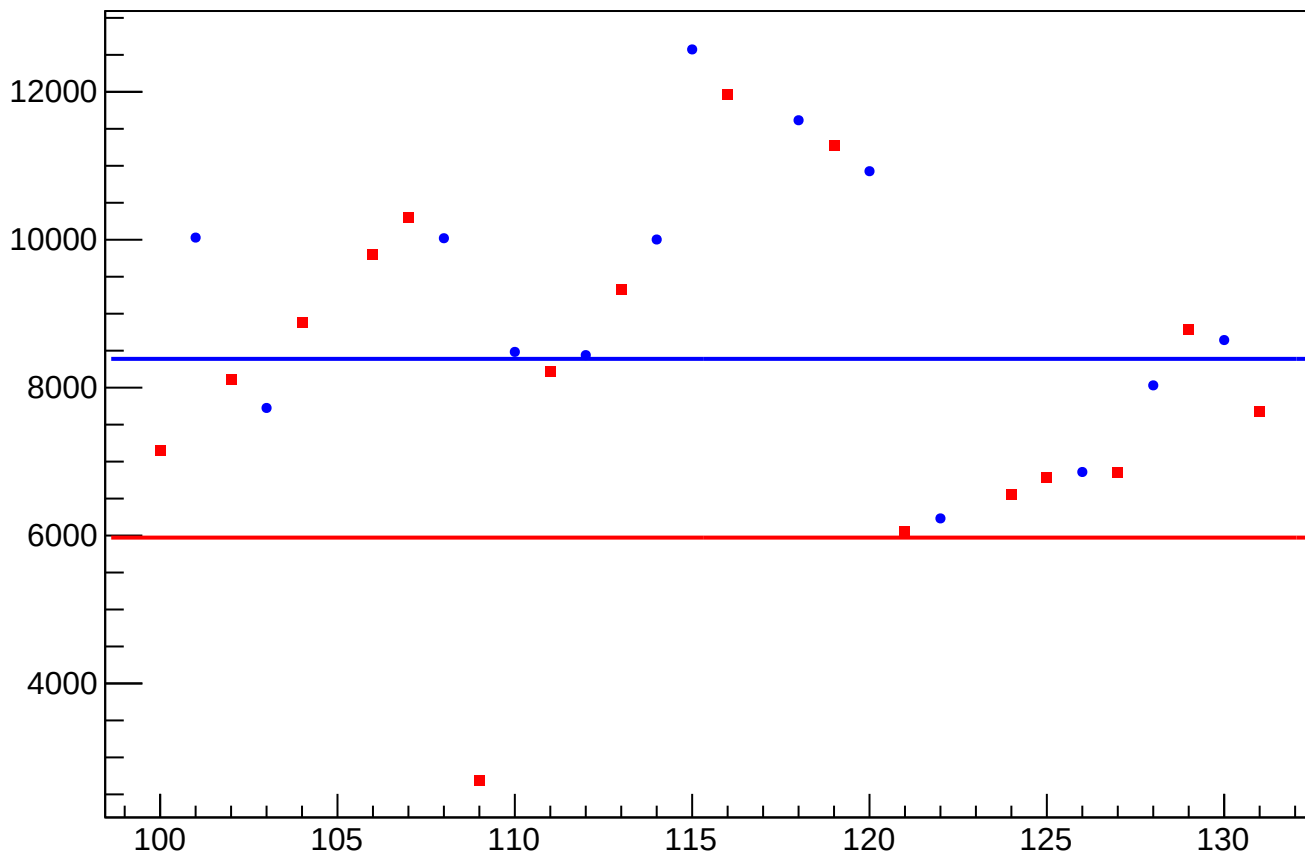
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.315 ± 2.161 χ^2/NDF : 25.8/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm1Y_rms vs Slug



Right In: 8389.140+/-2.576 χ^2/NDF : 361154.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

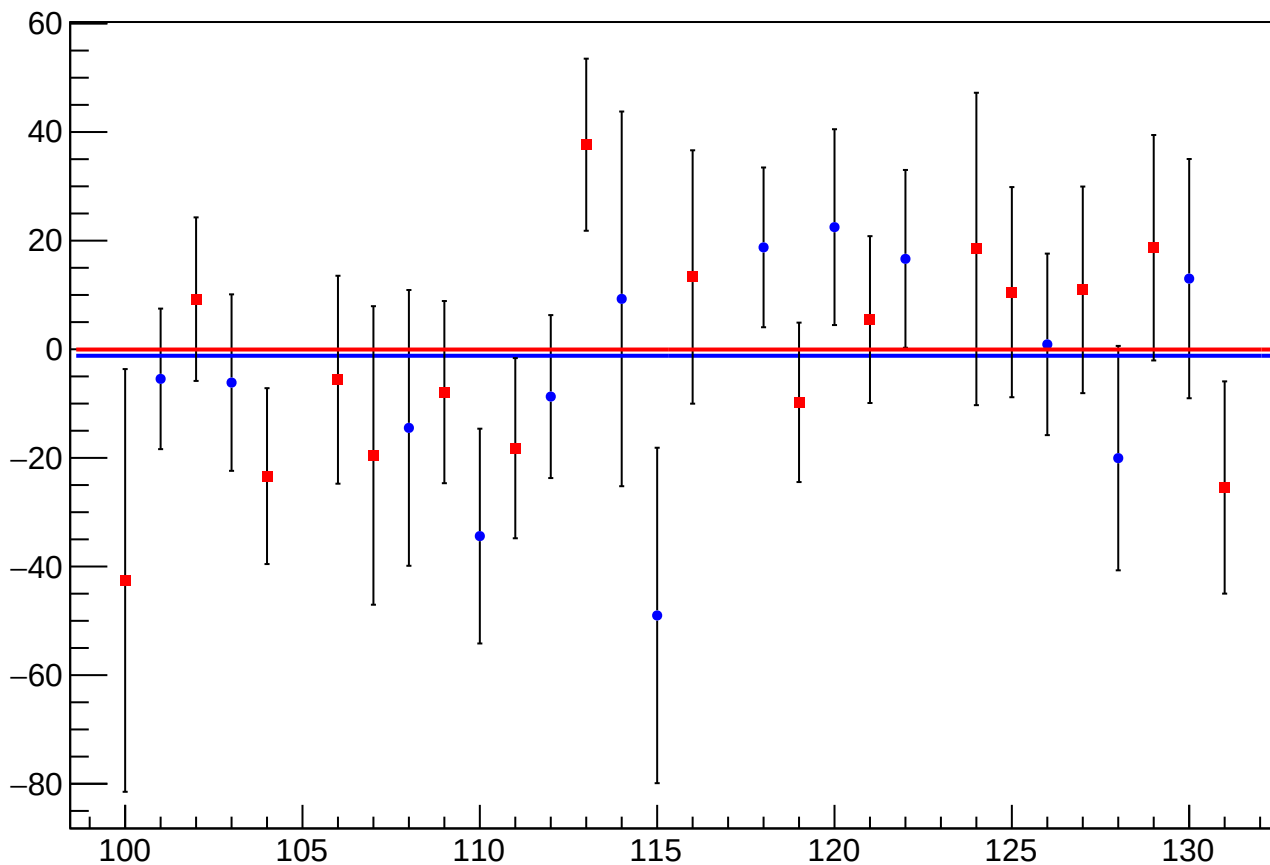
Right Out: 5972.269+/-1.899 χ^2/NDF : 2253297.2/15

All: 6823.102+/-1.528 χ^2/NDF : 3184863.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm11X_mean vs Slug



Right In: -1.196 ± 5.024 χ^2/NDF : 12.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.046 ± 4.642 χ^2/NDF : 15.8/15

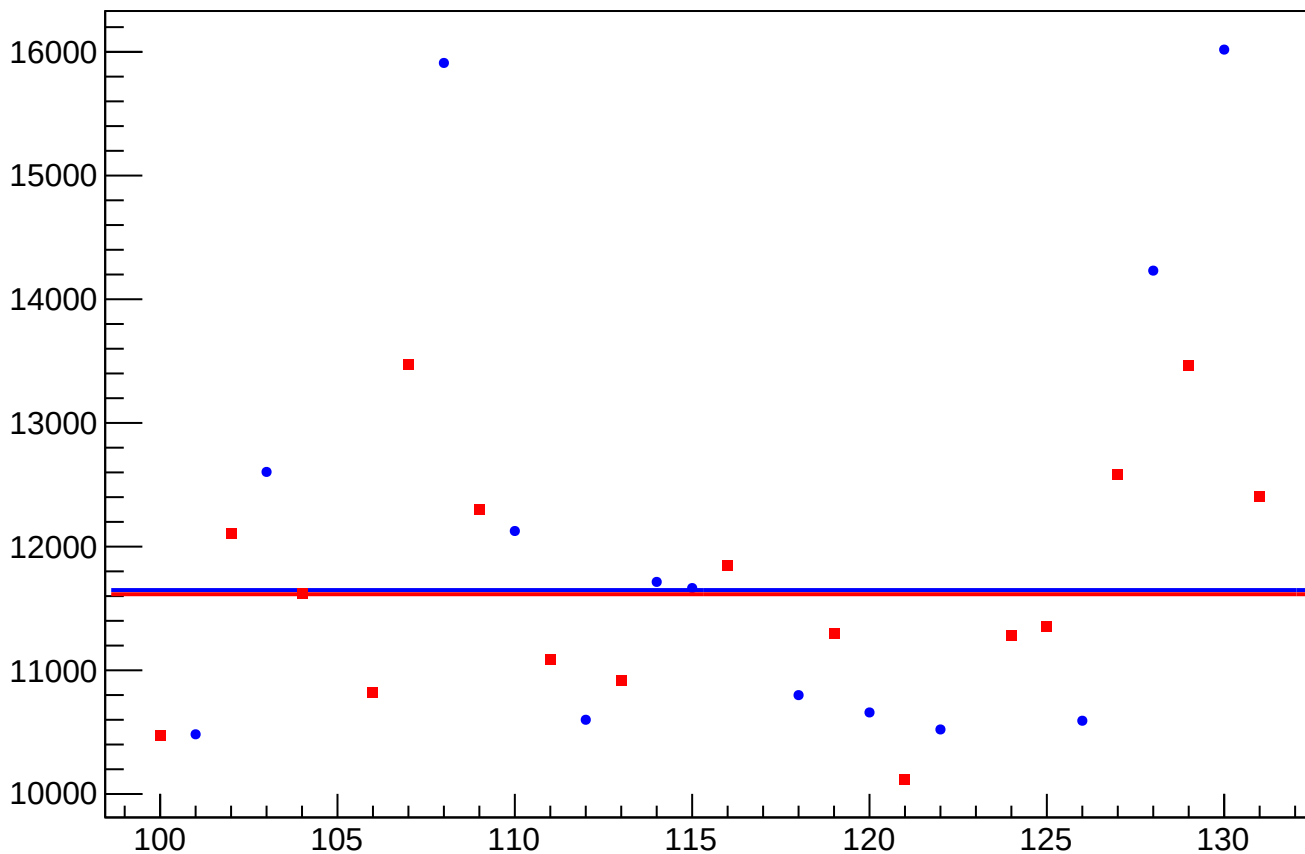
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.576 ± 3.409 χ^2/NDF : 27.8/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm11X_rms vs Slug



Right In: 11648.723+/-3.552 χ^2/NDF : 230601.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11615.089+/-3.282 χ^2/NDF : 70643.2/15

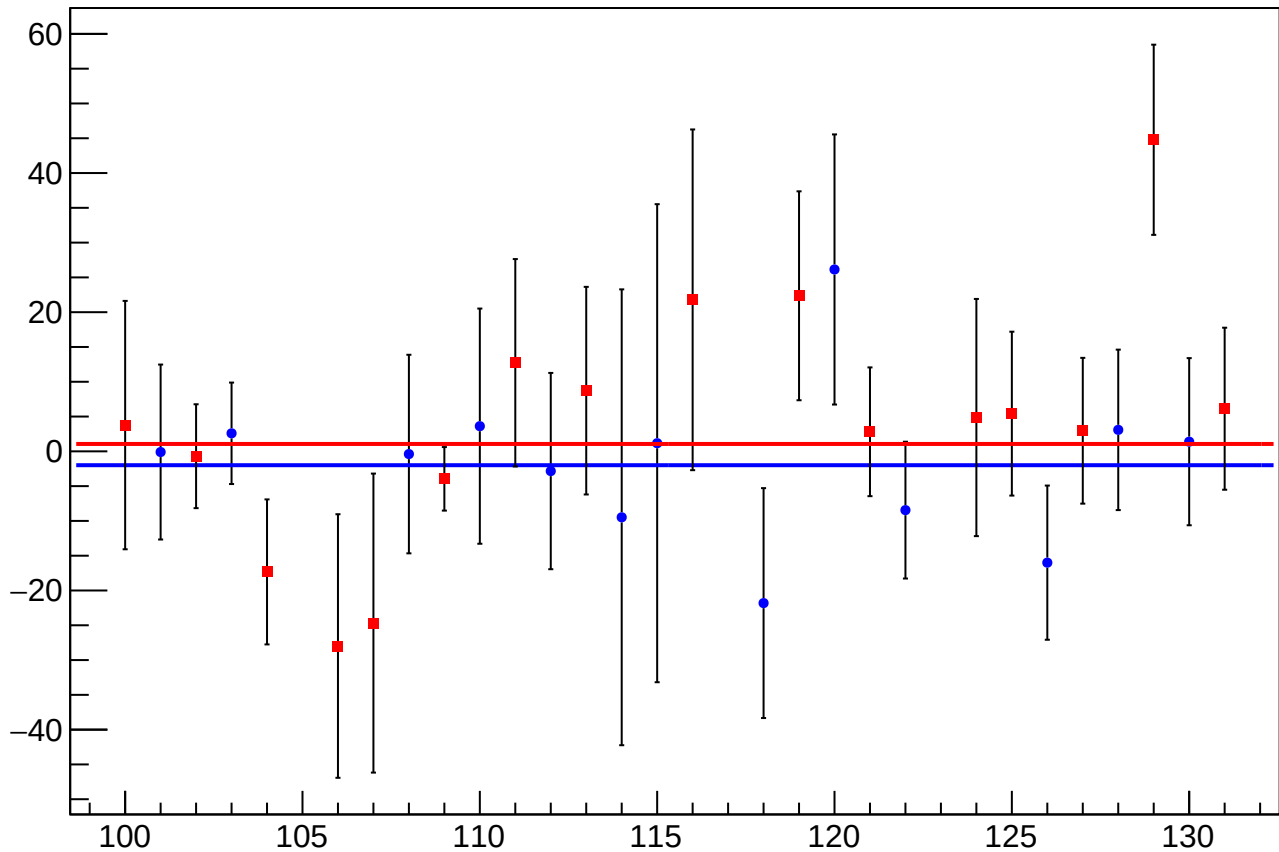
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11630.578+/-2.411 χ^2/NDF : 301292.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm11Y_mean vs Slug



Right In: -1.993+/-3.544 χ^2 /NDF: 6.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1.062+/-2.649 χ^2 /NDF: 22.5/15

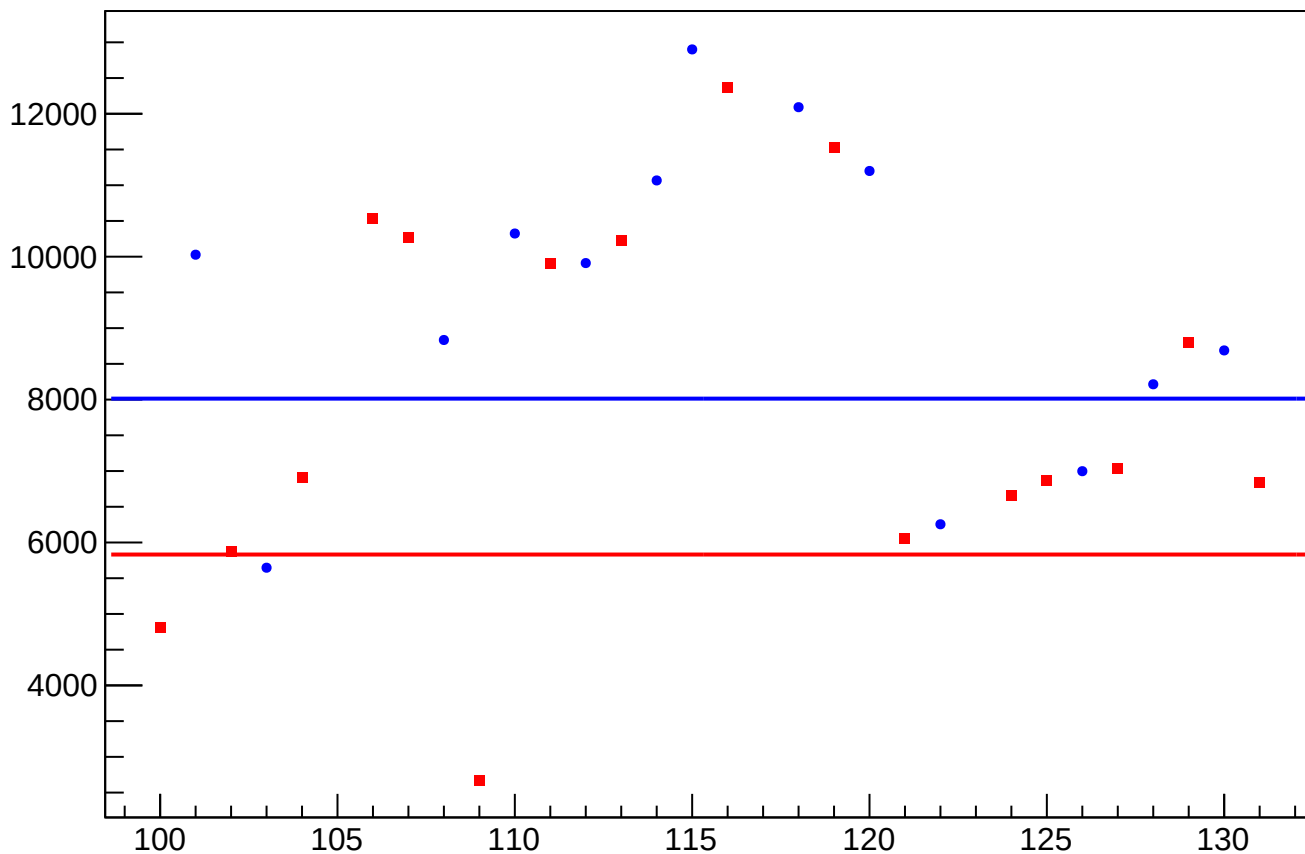
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.033+/-2.122 χ^2 /NDF: 29.4/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm11Y_rms vs Slug



Right In: 8013.412+/-2.506 χ^2/NDF : 663462.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

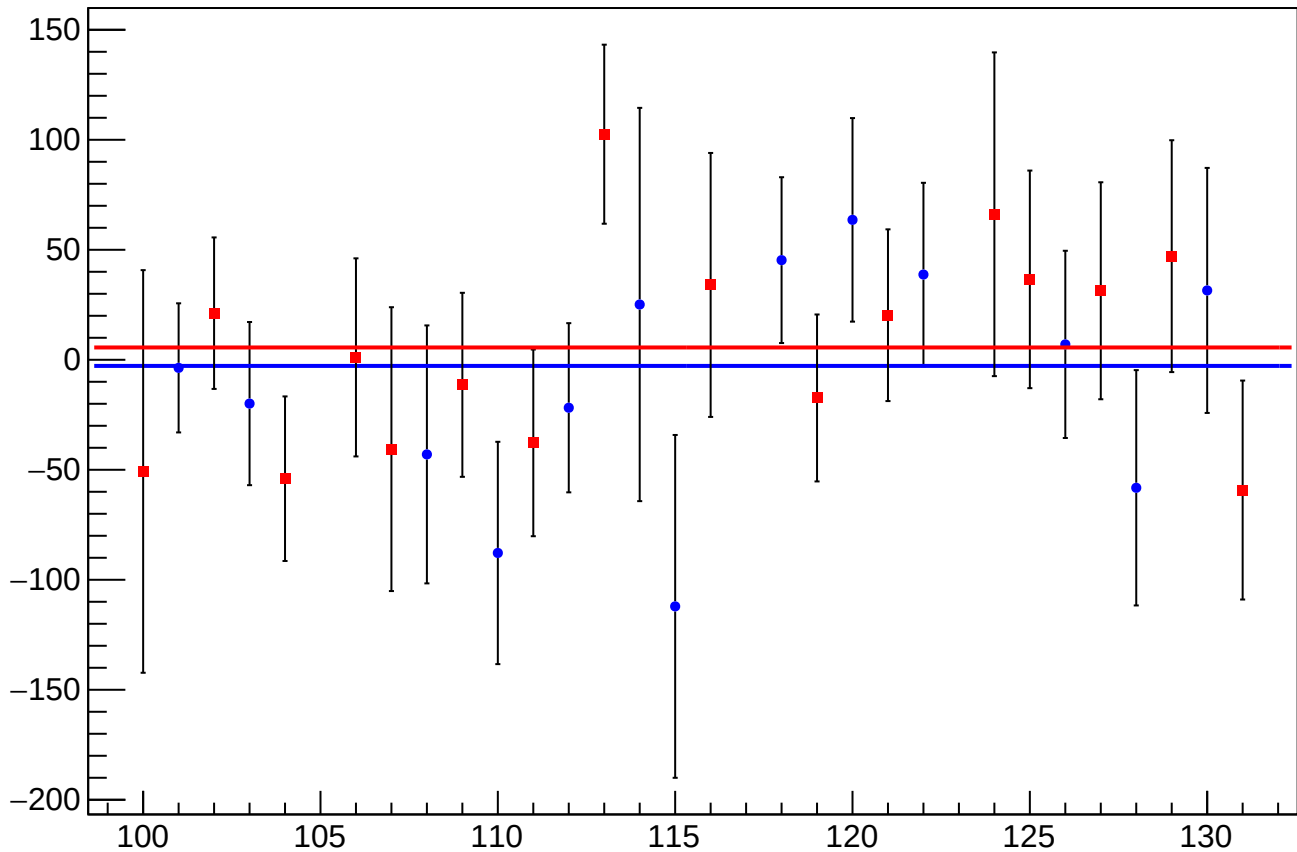
Right Out: 5831.535+/-1.873 χ^2/NDF : 2106961.6/15

All: 6613.721+/-1.501 χ^2/NDF : 3256674.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm12X_mean vs Slug



Right In: -2.785+/-12.396 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.600+/-11.517 χ^2/NDF : 14.9/15

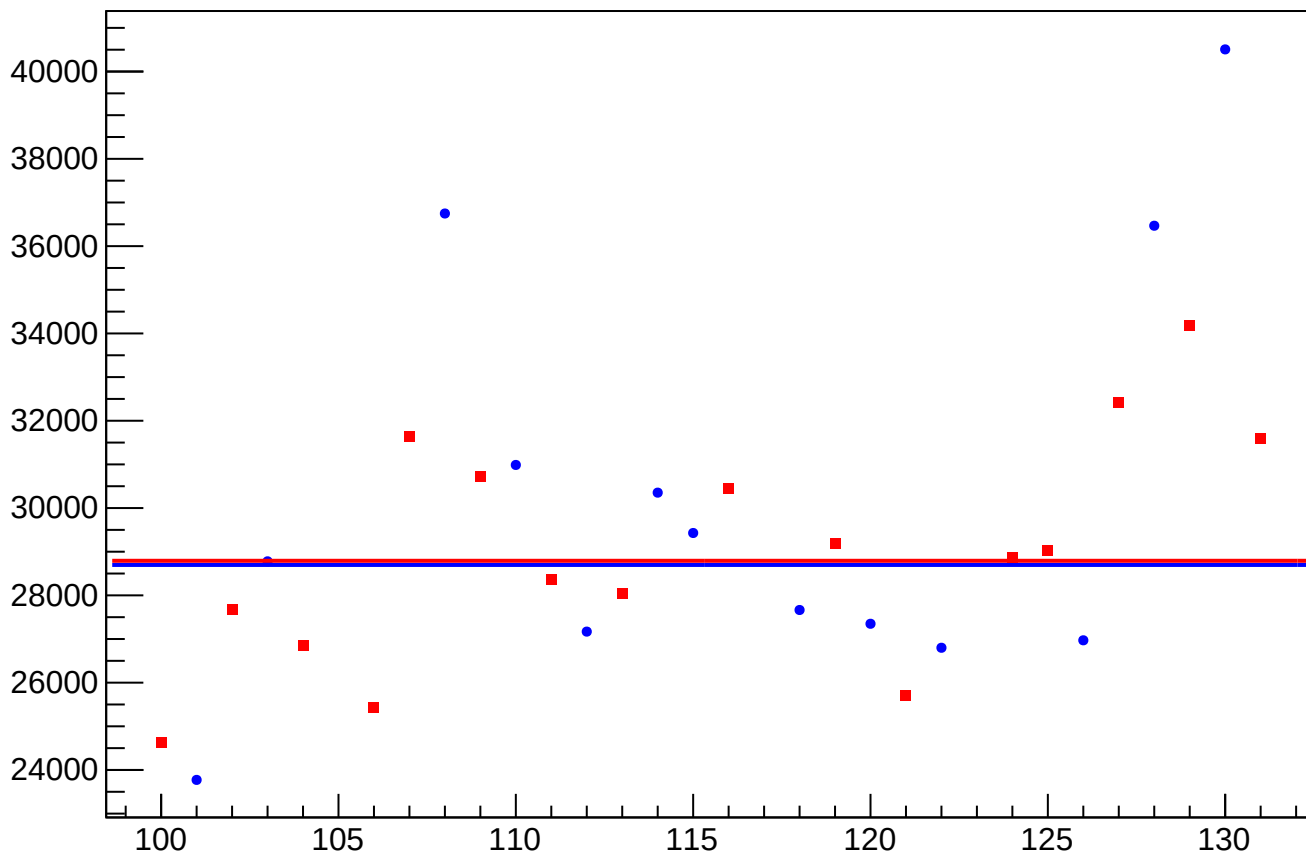
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.715+/-8.437 χ^2/NDF : 27.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm12X_rms vs Slug



Right In: 28696.795 $\pm$ 8.765 χ^2 /NDF: 244970.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 28791.963 $\pm$ 8.143 χ^2 /NDF: 84143.0/15

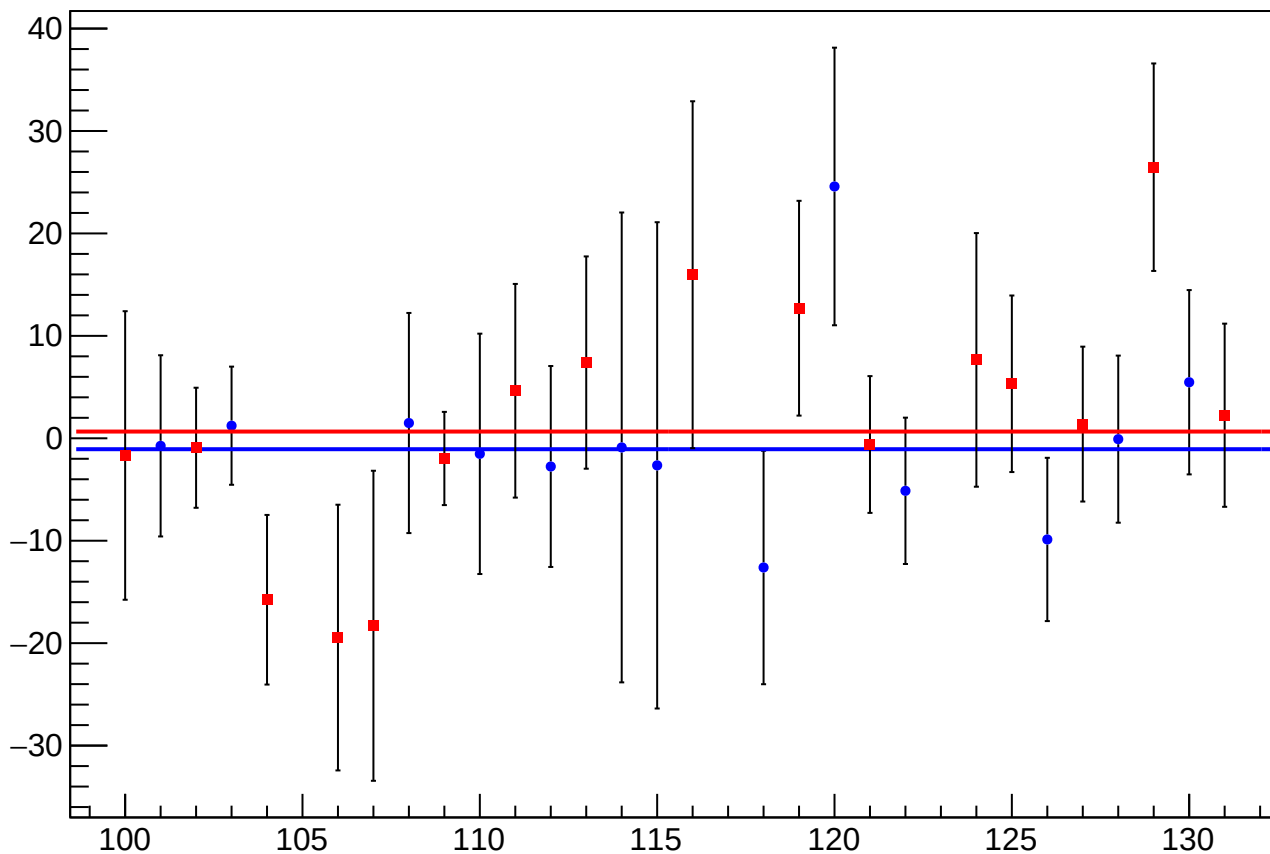
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28747.873 $\pm$ 5.966 χ^2 /NDF: 329176.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm12Y_mean vs Slug



Right In: -1.065+/-2.593 χ^2/NDF : 6.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.658+/-2.129 χ^2/NDF : 18.2/15

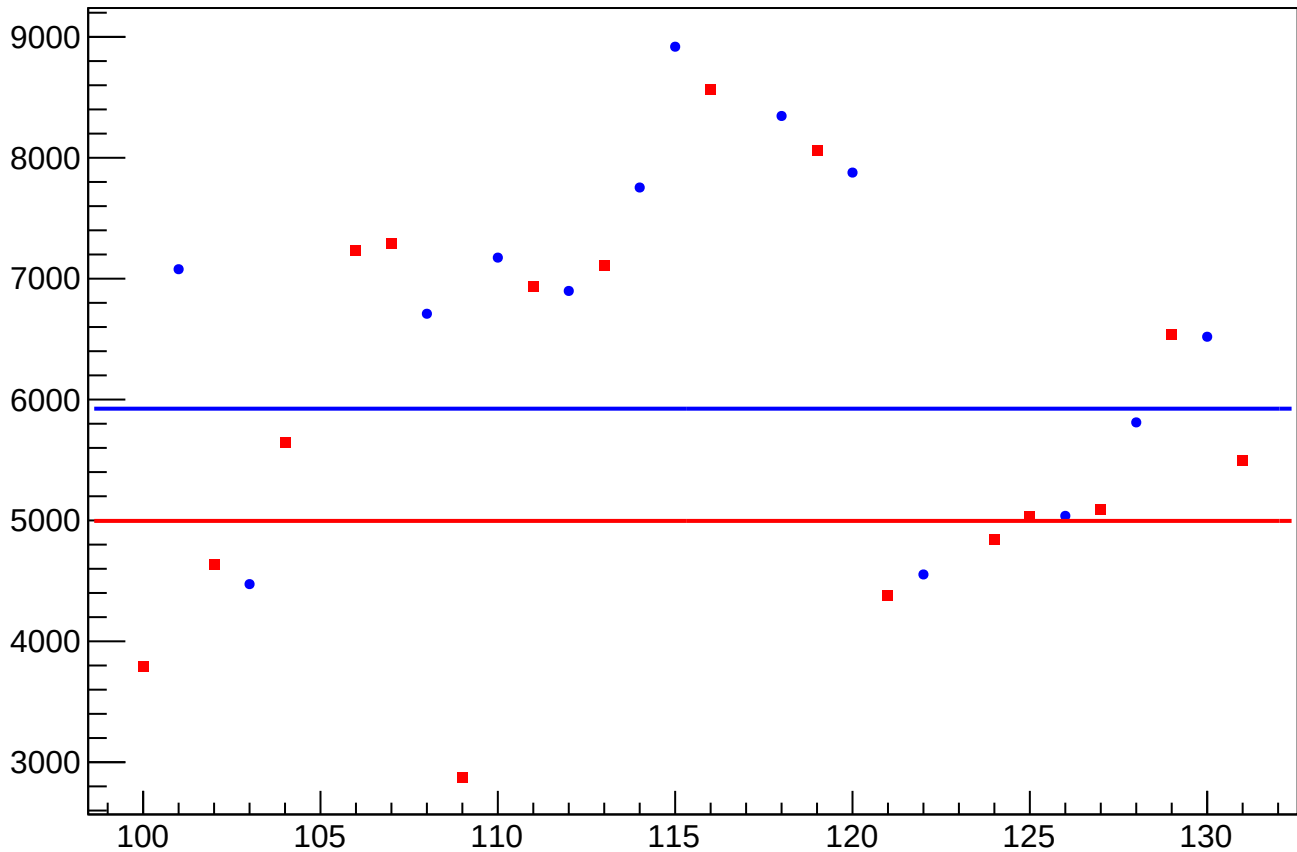
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.036+/-1.645 χ^2/NDF : 25.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm12Y_rms vs Slug



Right In: 5924.570+/-1.834 χ^2/NDF : 497743.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

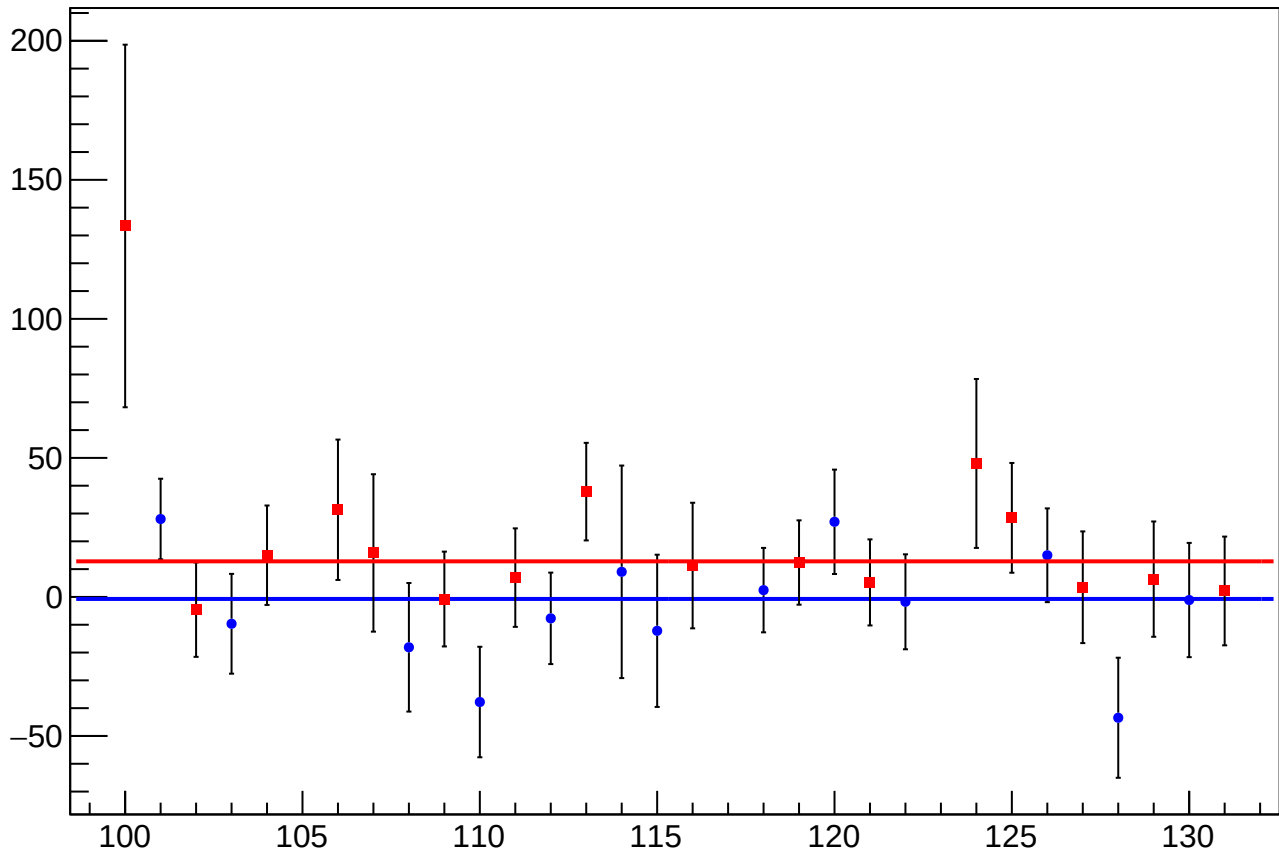
Right Out: 4996.112+/-1.505 χ^2/NDF : 1057071.7/15

All: 5369.950+/-1.164 χ^2/NDF : 1707966.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm16X_mean vs Slug



Right In: -0.723 ± 5.225 χ^2/NDF : 15.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 12.800 ± 4.934 χ^2/NDF : 10.6/15

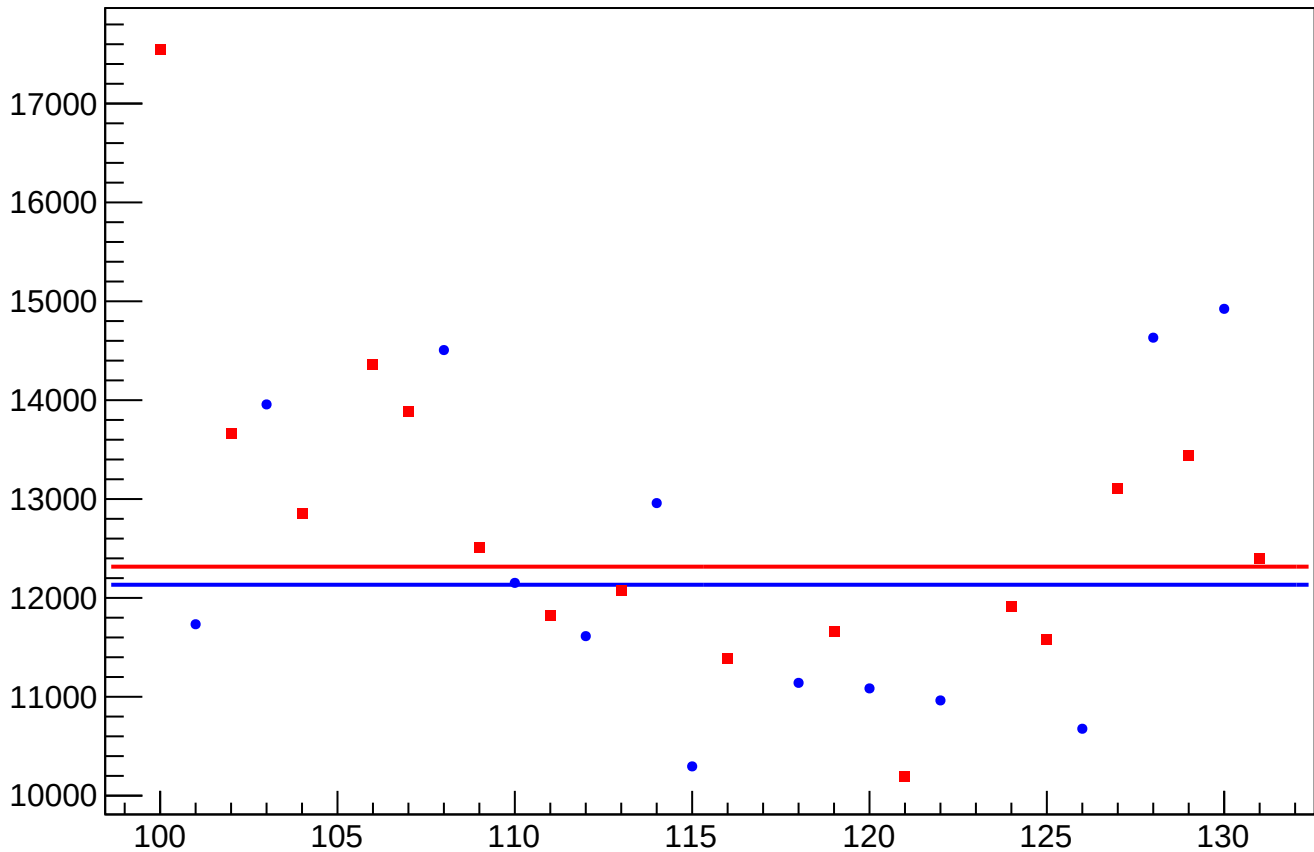
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 6.426 ± 3.587 χ^2/NDF : 29.9/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm16X_rms vs Slug



Right In: 12133.111+/-3.695 χ^2/NDF : 157975.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12316.071+/-3.489 χ^2/NDF : 105619.4/15

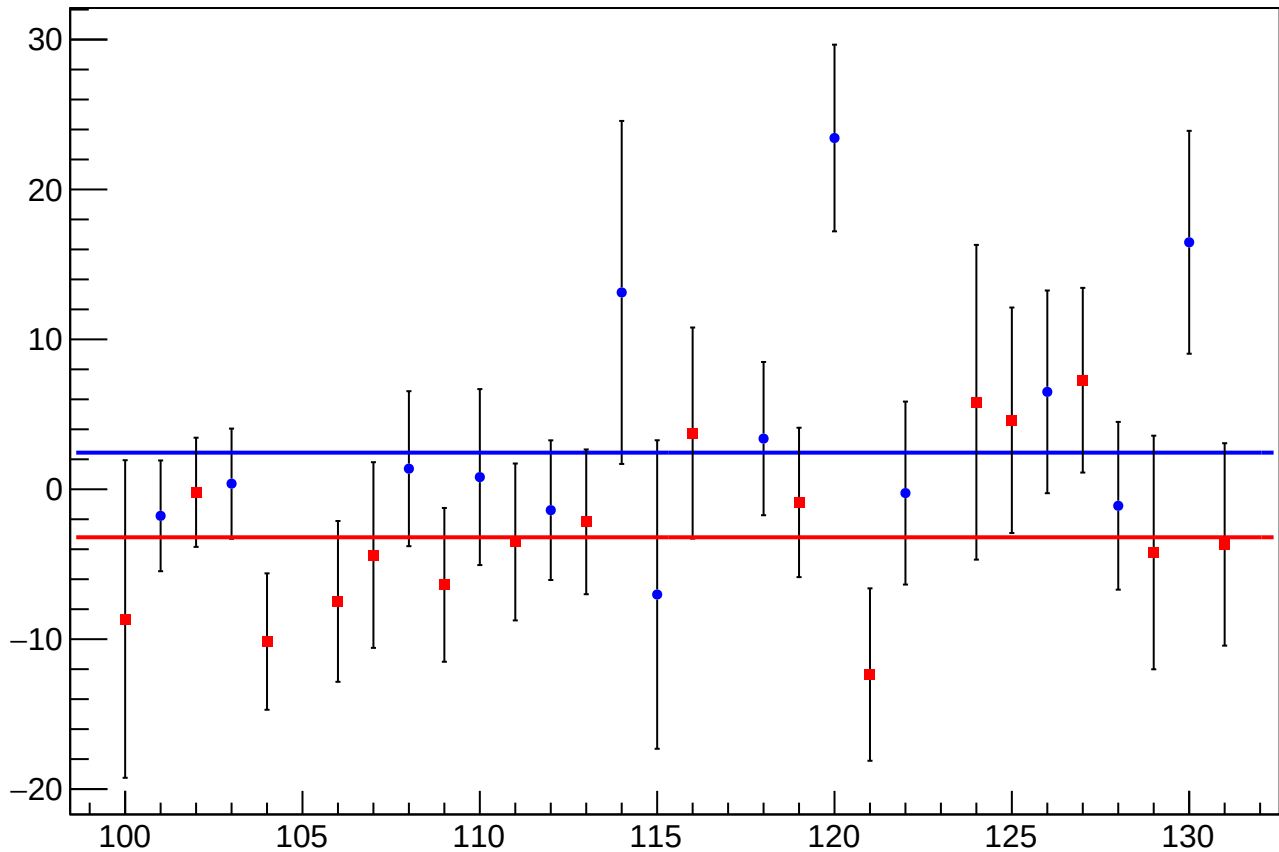
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12229.836+/-2.537 χ^2/NDF : 264891.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm16Y_mean vs Slug



Right In: 2.444 $\pm$ 1.508 χ^2 /NDF: 20.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.202 $\pm$ 1.424 χ^2 /NDF: 12.8/15

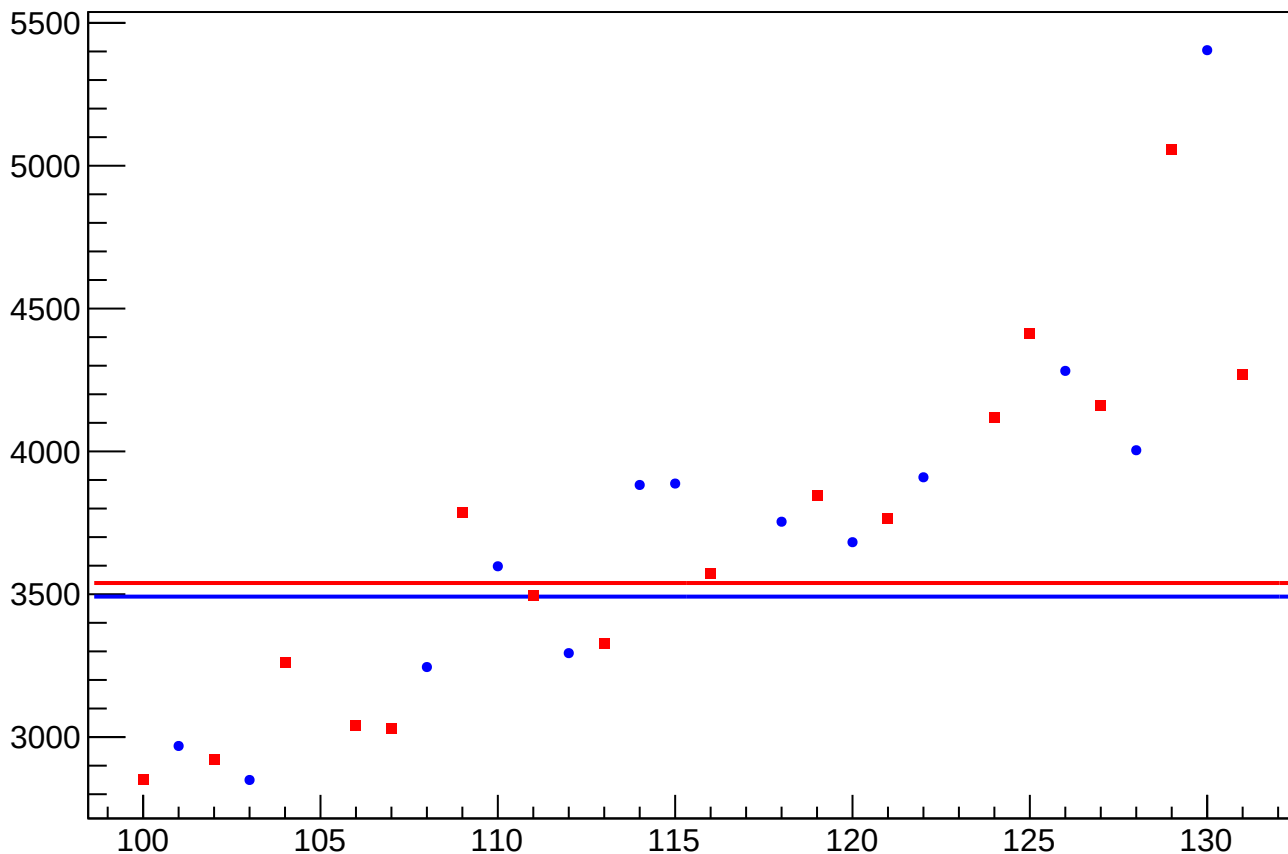
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.540 $\pm$ 1.035 χ^2 /NDF: 40.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm16Y_rms vs Slug



Right In: 3491.724+/-1.066 χ^2/NDF : 308212.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

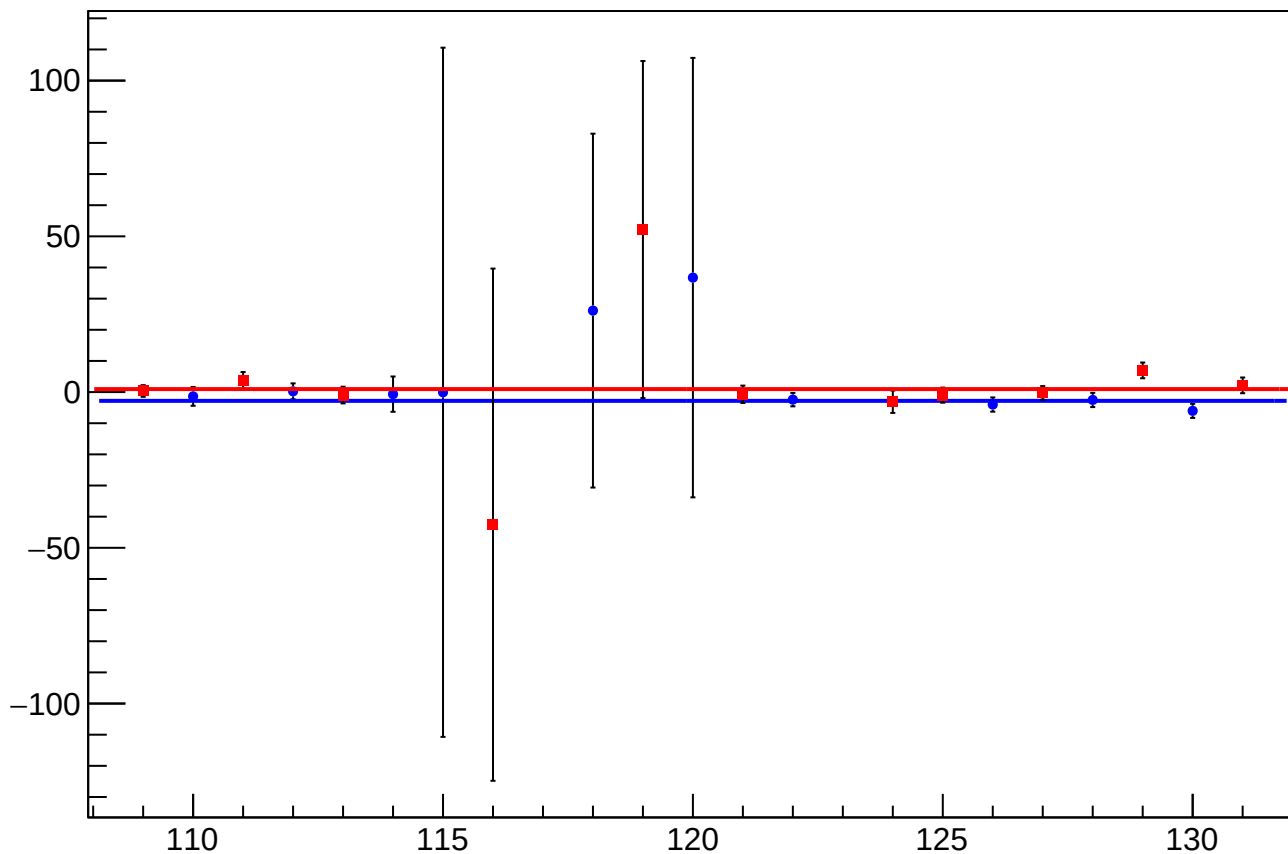
Right Out: 3539.313+/-1.007 χ^2/NDF : 276446.7/15

All: 3516.876+/-0.732 χ^2/NDF : 585711.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p02bX_mean vs Slug



Right In: -2.816 ± 0.960 χ^2/NDF : 4.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.962 ± 0.825 χ^2/NDF : 11.5/10

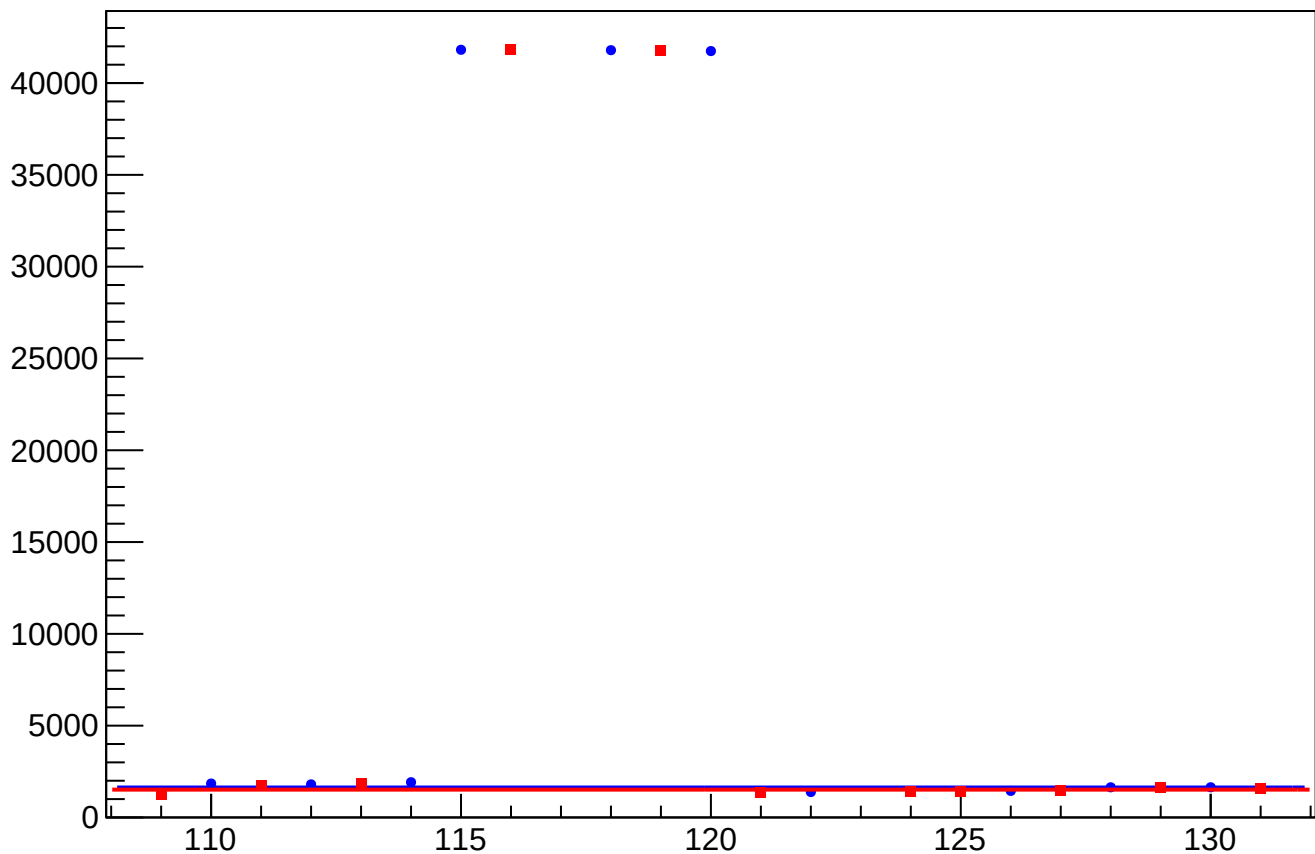
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.643 ± 0.626 χ^2/NDF : 25.1/20

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm1p02bX_rms vs Slug



Right In: 1630.485+/-0.679 χ^2/NDF : 1973151.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

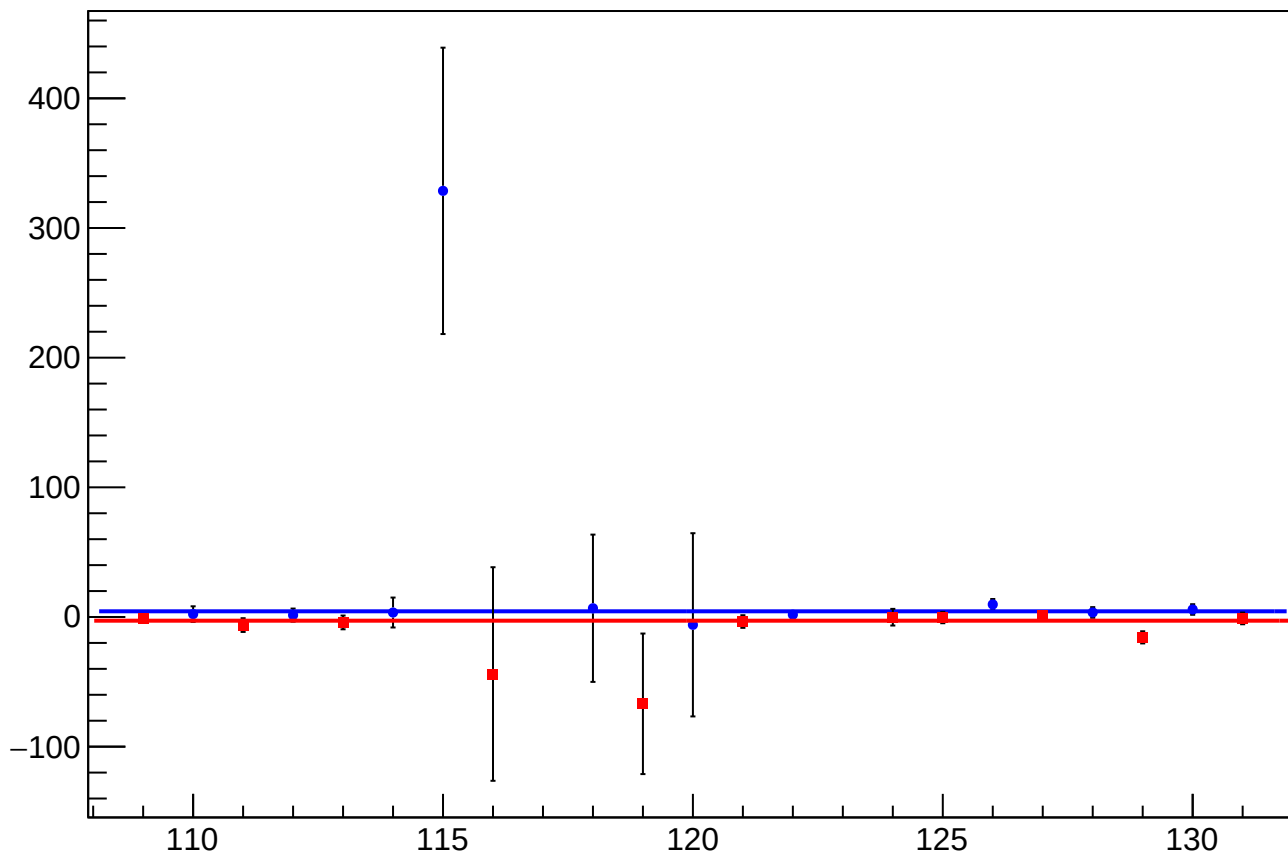
Right Out: 1515.737+/-0.583 χ^2/NDF : 1696011.1/10

All: 1564.500+/-0.442 χ^2/NDF : 3685600.9/20

- 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: 4.387 $\pm$ 1.759 χ^2 /NDF: 11.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.855 $\pm$ 1.452 χ^2 /NDF: 12.1/10

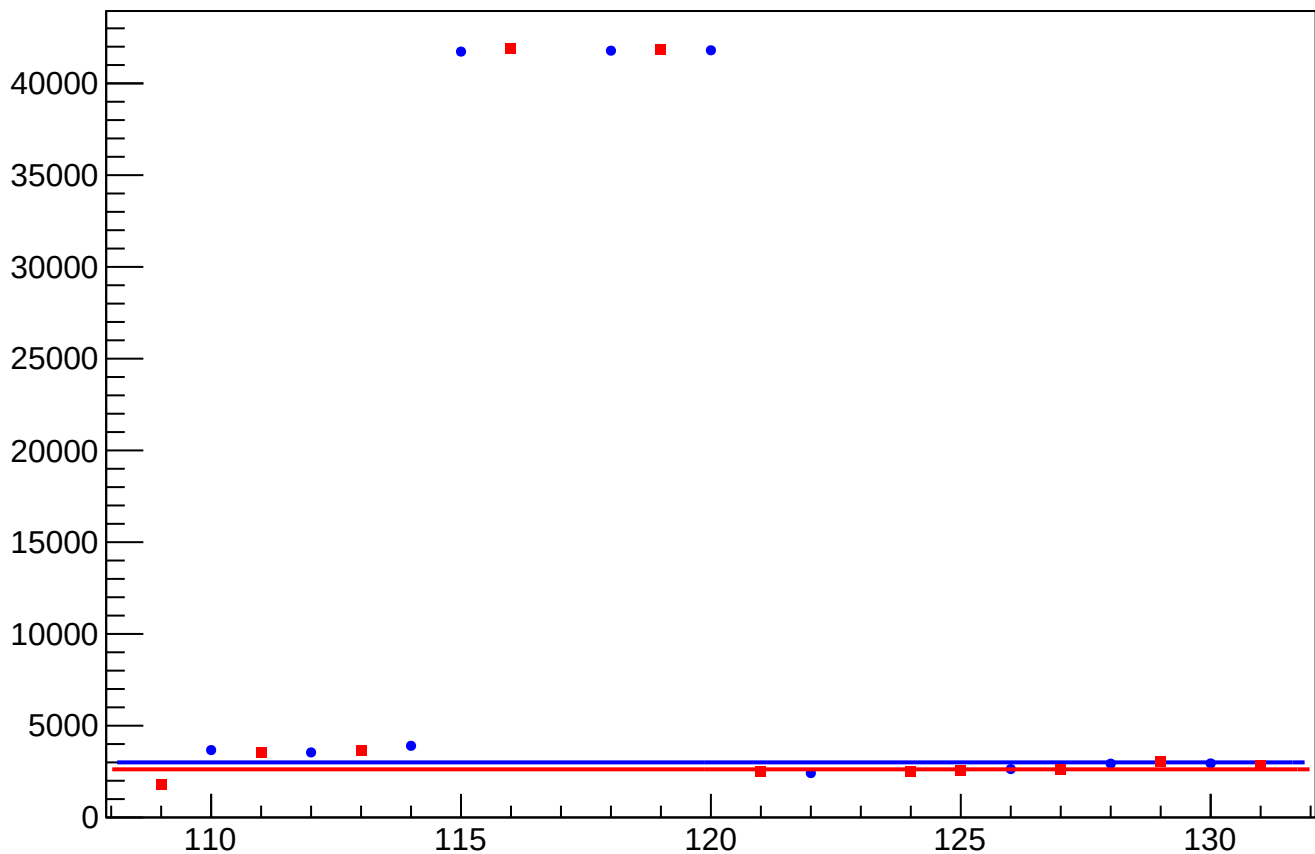
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.078 $\pm$ 1.120 χ^2 /NDF: 33.5/20

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1p02bY_rms vs Slug



Right In: 3001.496+/-1.244 χ^2/NDF : 1906245.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

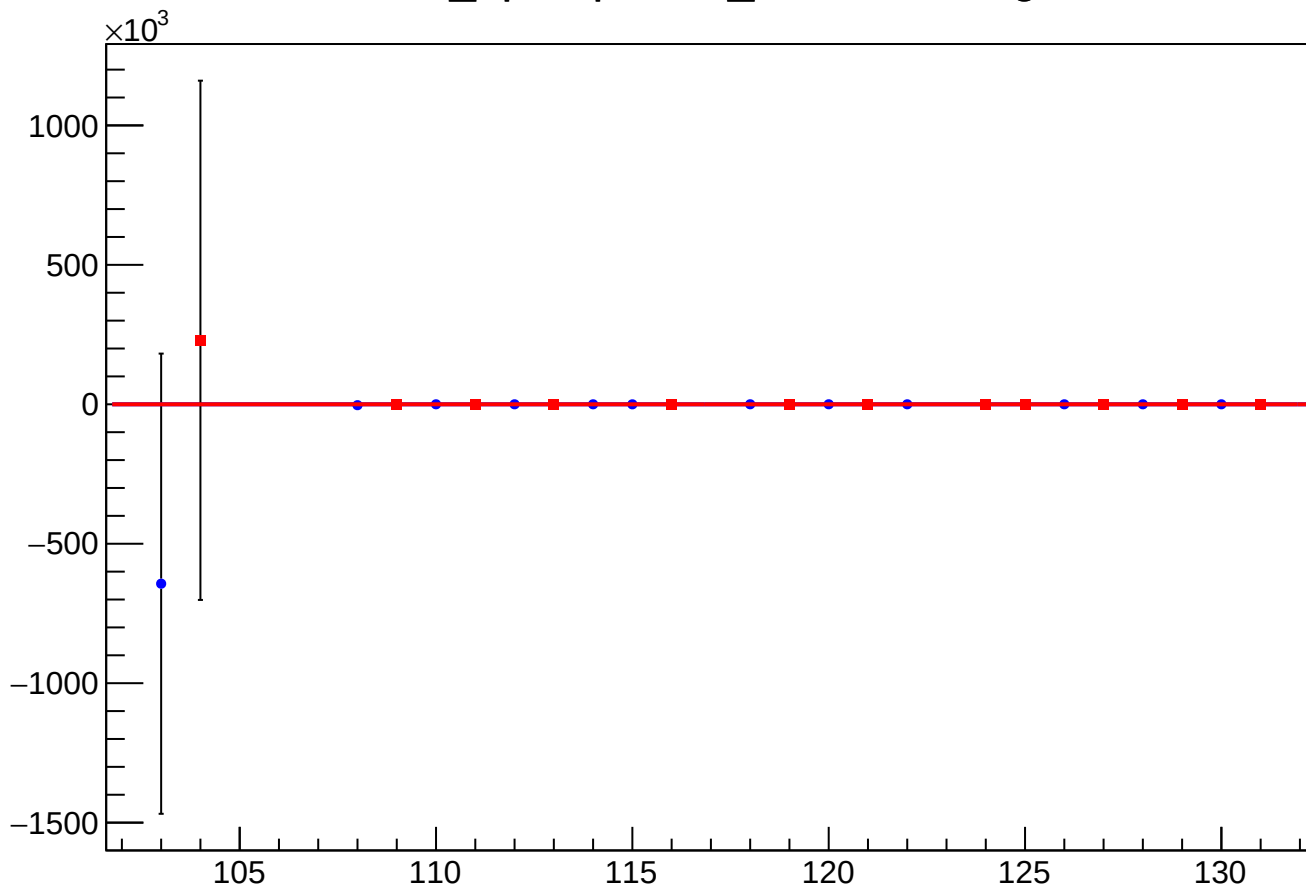
Right Out: 2622.088+/-1.026 χ^2/NDF : 1827205.8/10

All: 2775.764+/-0.792 χ^2/NDF : 3788787.0/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p03aX_mean vs Slug



Right In: 1.655 $\pm$ 1.765 χ^2 /NDF: 13.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4.326 $\pm$ 1.560 χ^2 /NDF: 11.5/11

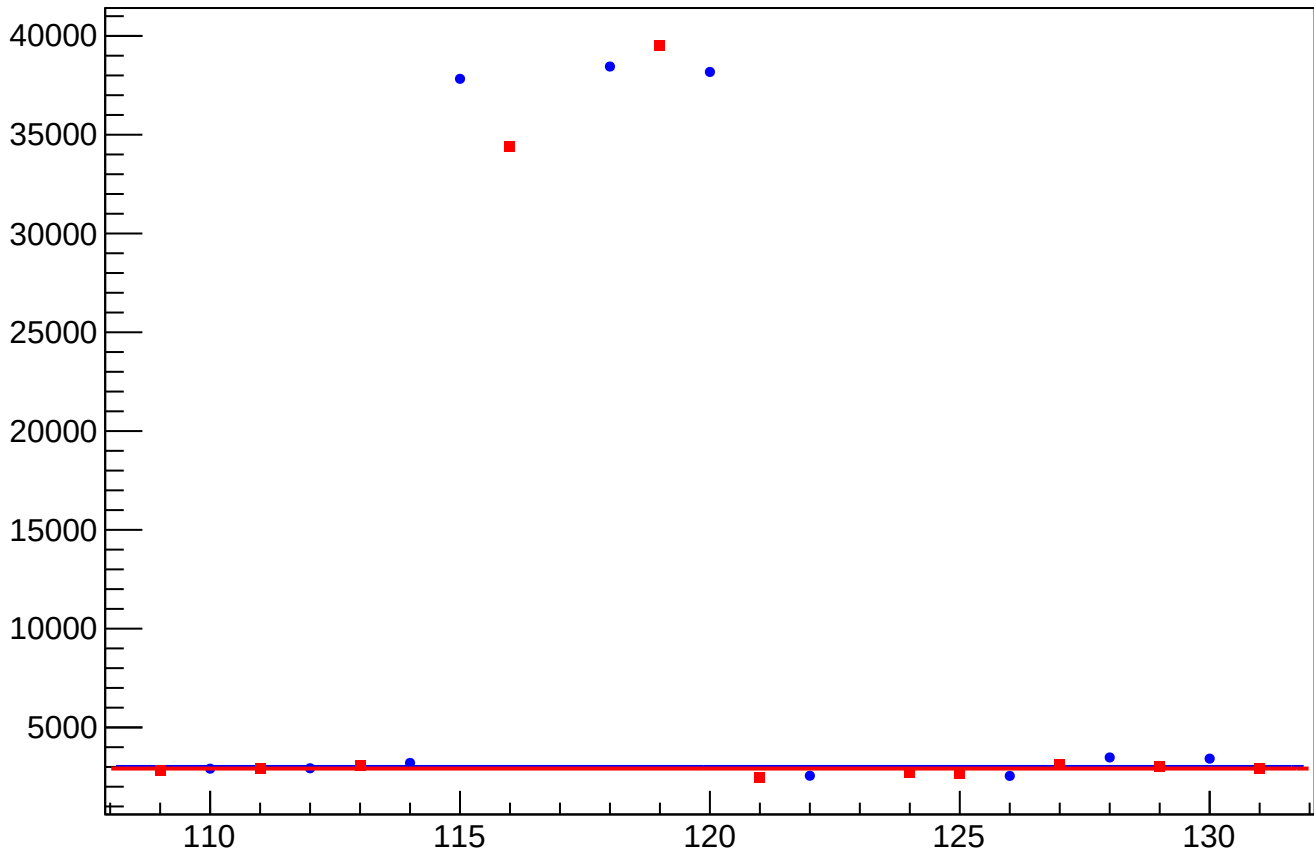
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.703 $\pm$ 1.169 χ^2 /NDF: 30.9/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1p03aX_rms vs Slug



Right In: 2999.070+/-1.248 χ^2/NDF : 1835815.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

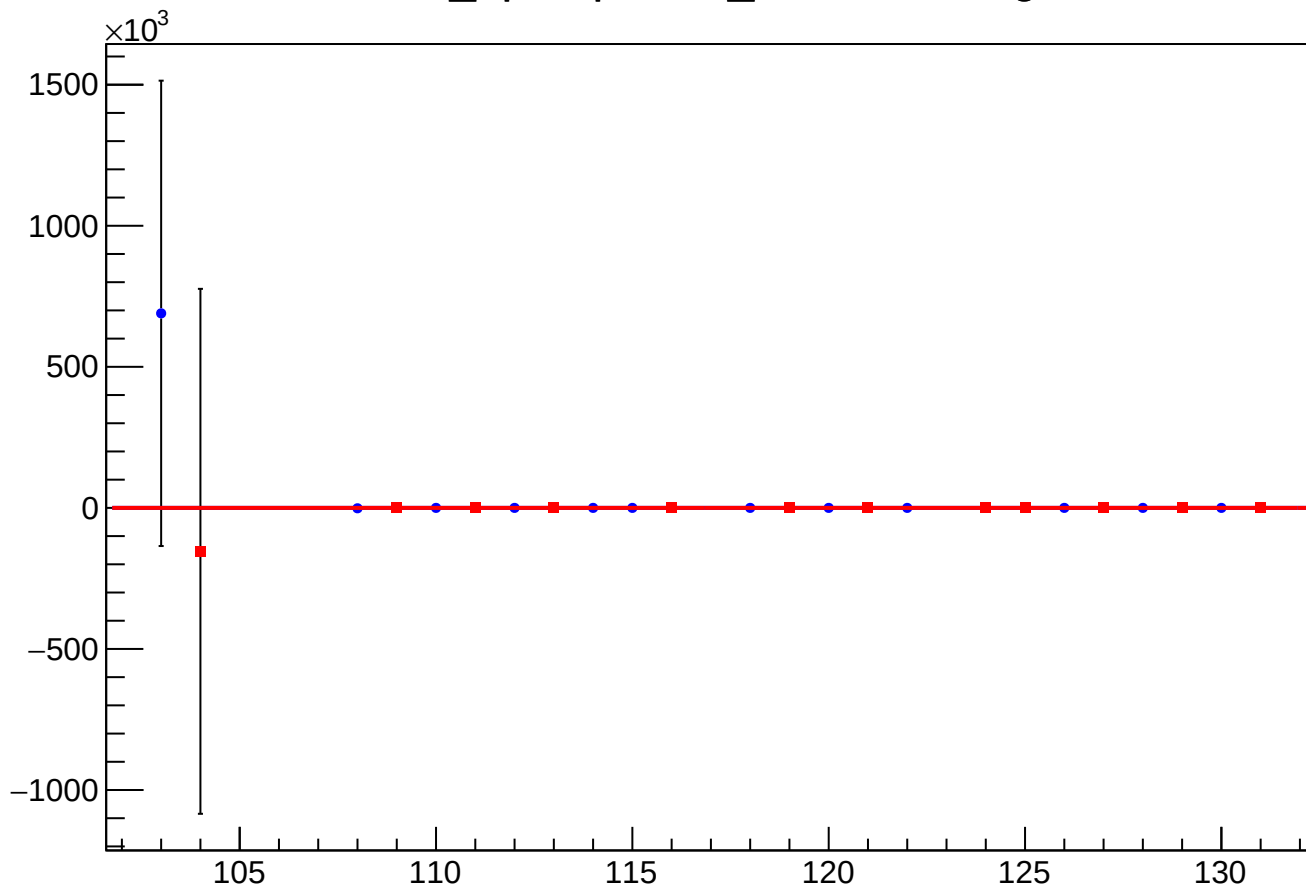
Right Out: 2919.179+/-1.103 χ^2/NDF : 1487050.3/10

All: 2954.216+/-0.827 χ^2/NDF : 3325165.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p03aY_mean vs Slug



Right In: 1.601 $\pm$ 1.639 χ^2 /NDF: 3.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.072 $\pm$ 1.320 χ^2 /NDF: 12.7/11

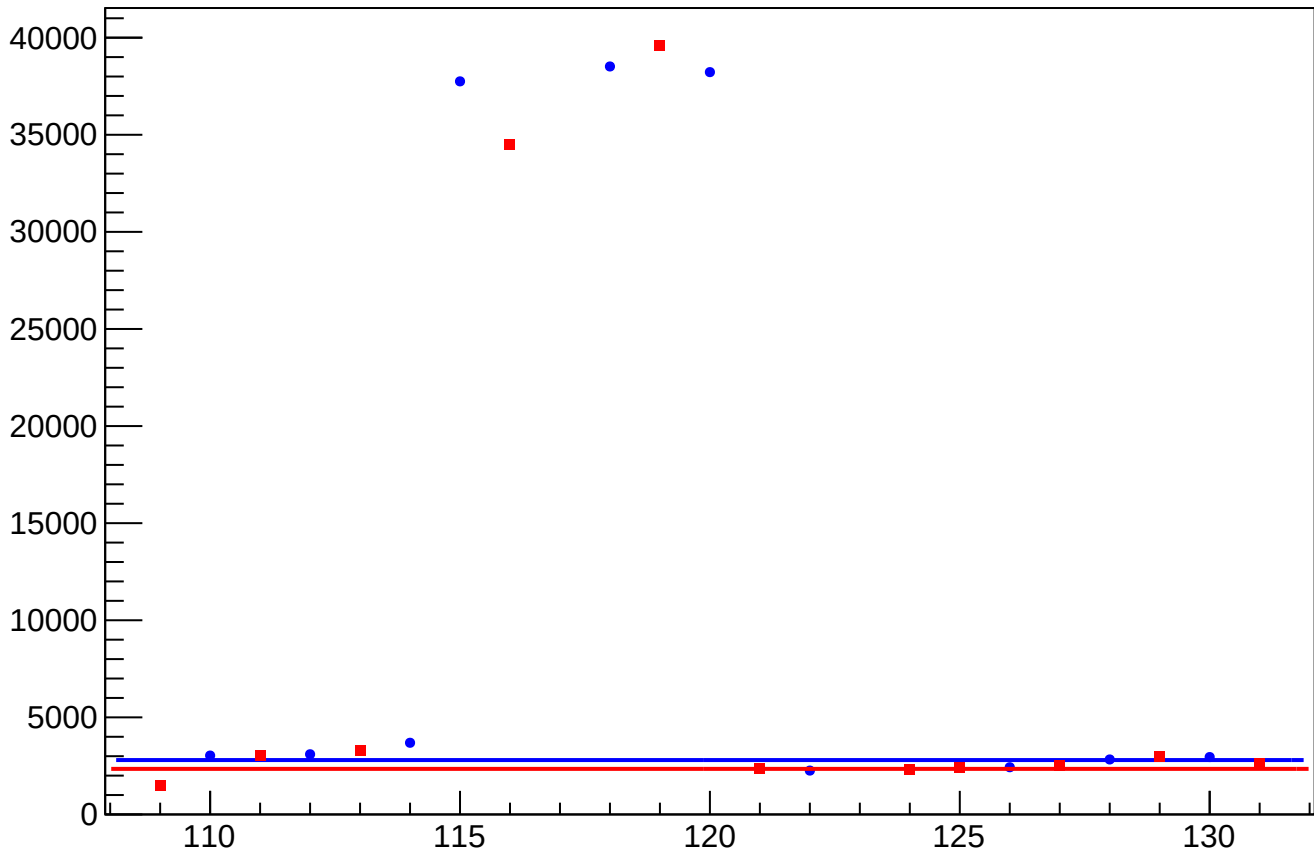
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.234 $\pm$ 1.028 χ^2 /NDF: 21.1/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1p03aY_rms vs Slug



Right In: 2801.204+/-1.159 χ^2/NDF : 1865647.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

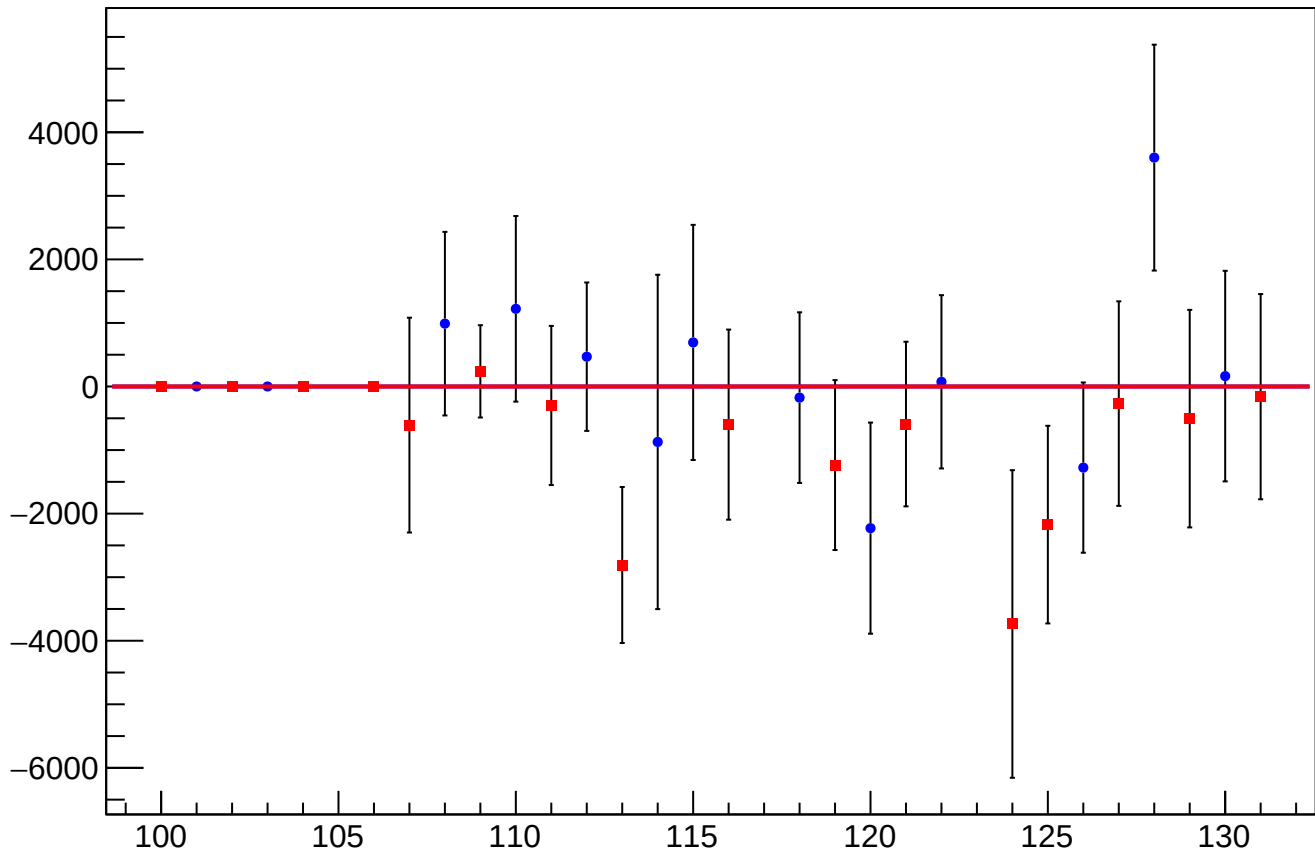
Right Out: 2346.978+/-0.933 χ^2/NDF : 1951642.3/10

All: 2525.616+/-0.727 χ^2/NDF : 3910459.8/20

- 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 : 8.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.096+/-0.328 χ^2/NDF : 14.7/15

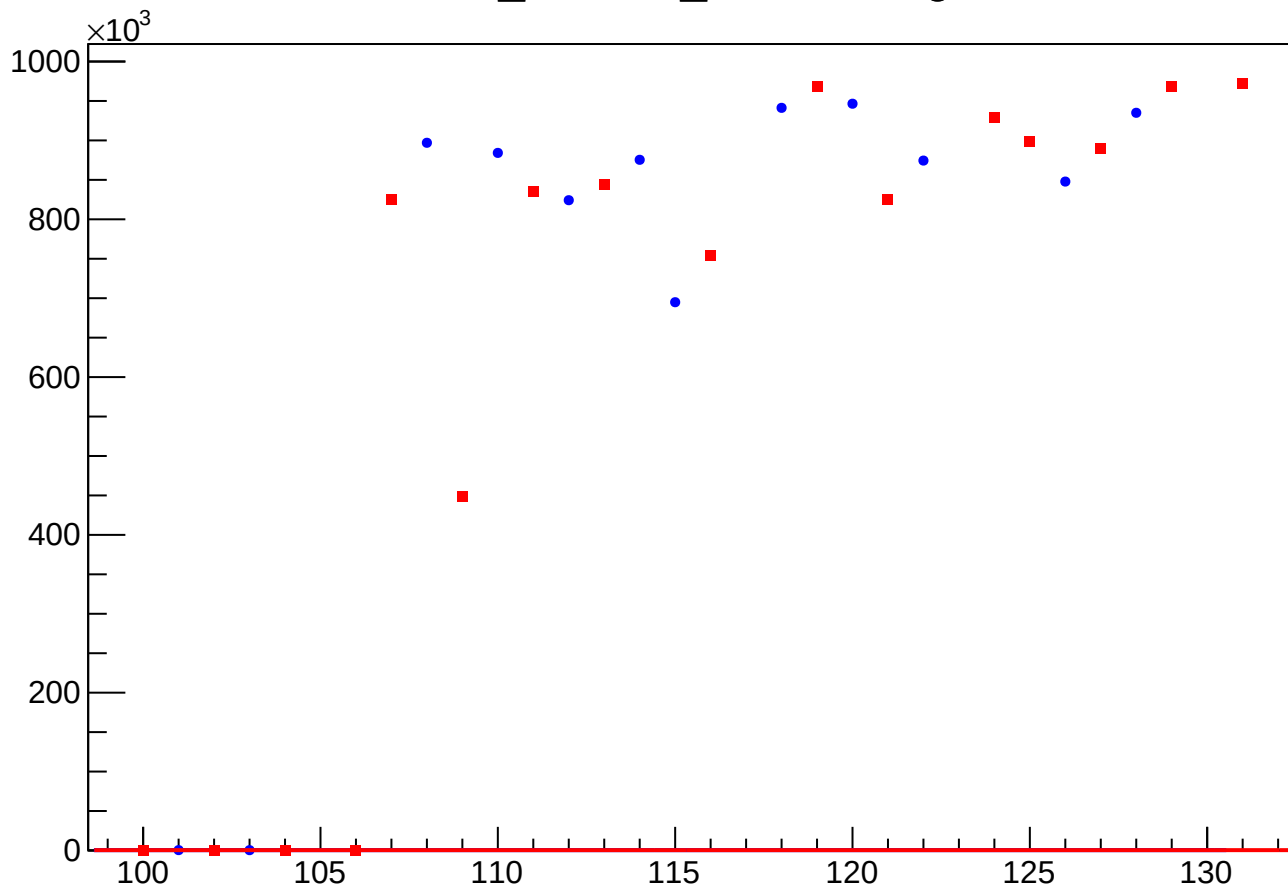
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.169+/-0.241 χ^2/NDF : 23.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_cav4bX_rms vs Slug



Right In: 398.604 $\pm$ 0.251 χ^2/NDF : 5881365.7/11

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

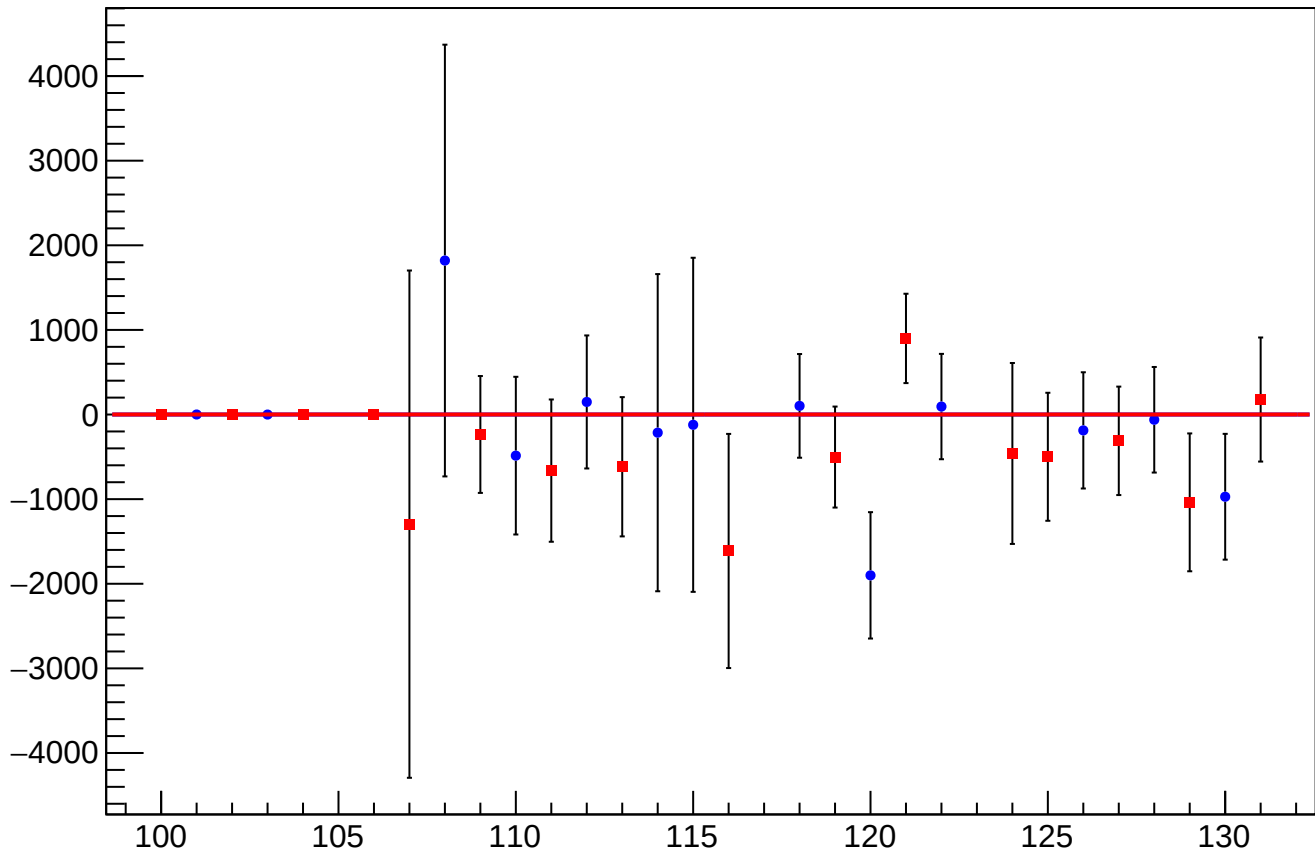
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 395.633 $\pm$ 0.170 χ^2/NDF : 12108019.2/27

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_cav4bY_mean vs Slug



Right In: -0.020+/-0.347 χ^2/NDF : 9.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.598+/-0.324 χ^2/NDF : 9.1/15

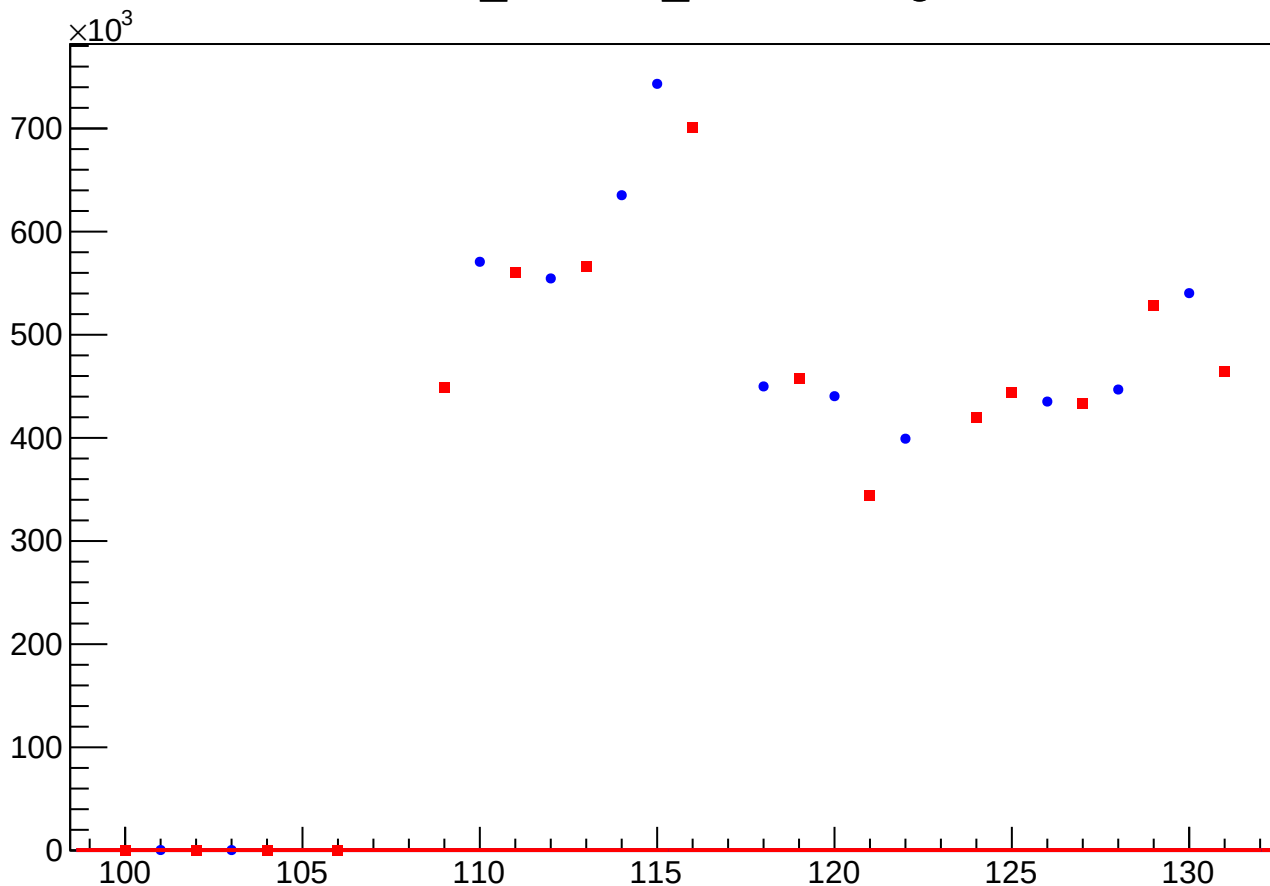
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.310+/-0.237 χ^2/NDF : 20.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_cav4bY_rms vs Slug



Right In: 389.628+/-0.245 χ^2/NDF : 7742152.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 387.550+/-0.229 χ^2/NDF : 8758595.2/14

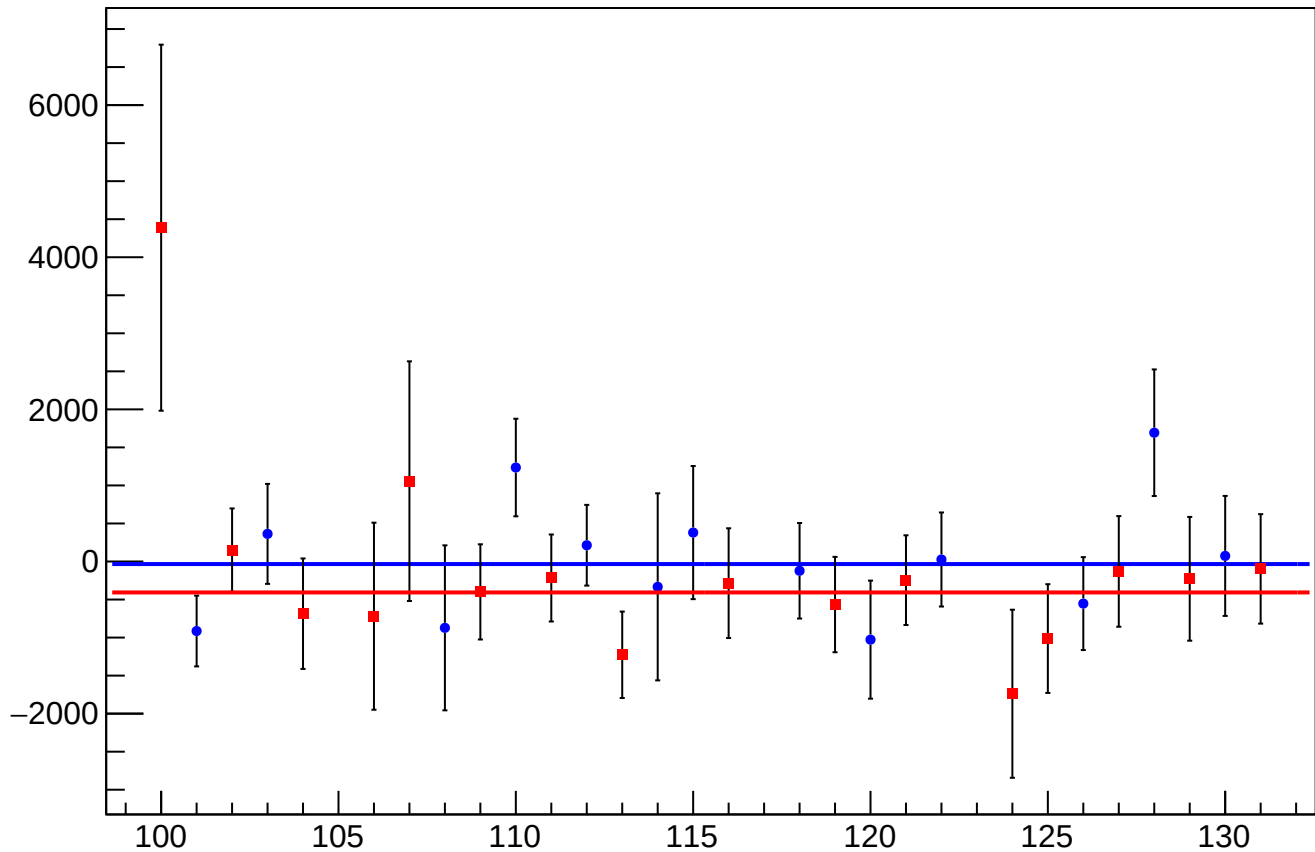
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 388.517+/-0.167 χ^2/NDF : 16500786.2/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_cav4cX_mean vs Slug



Right In: -33.660 ± 188.028 χ^2/NDF : 15.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -406.589 ± 180.671 χ^2/NDF : 11.0/15

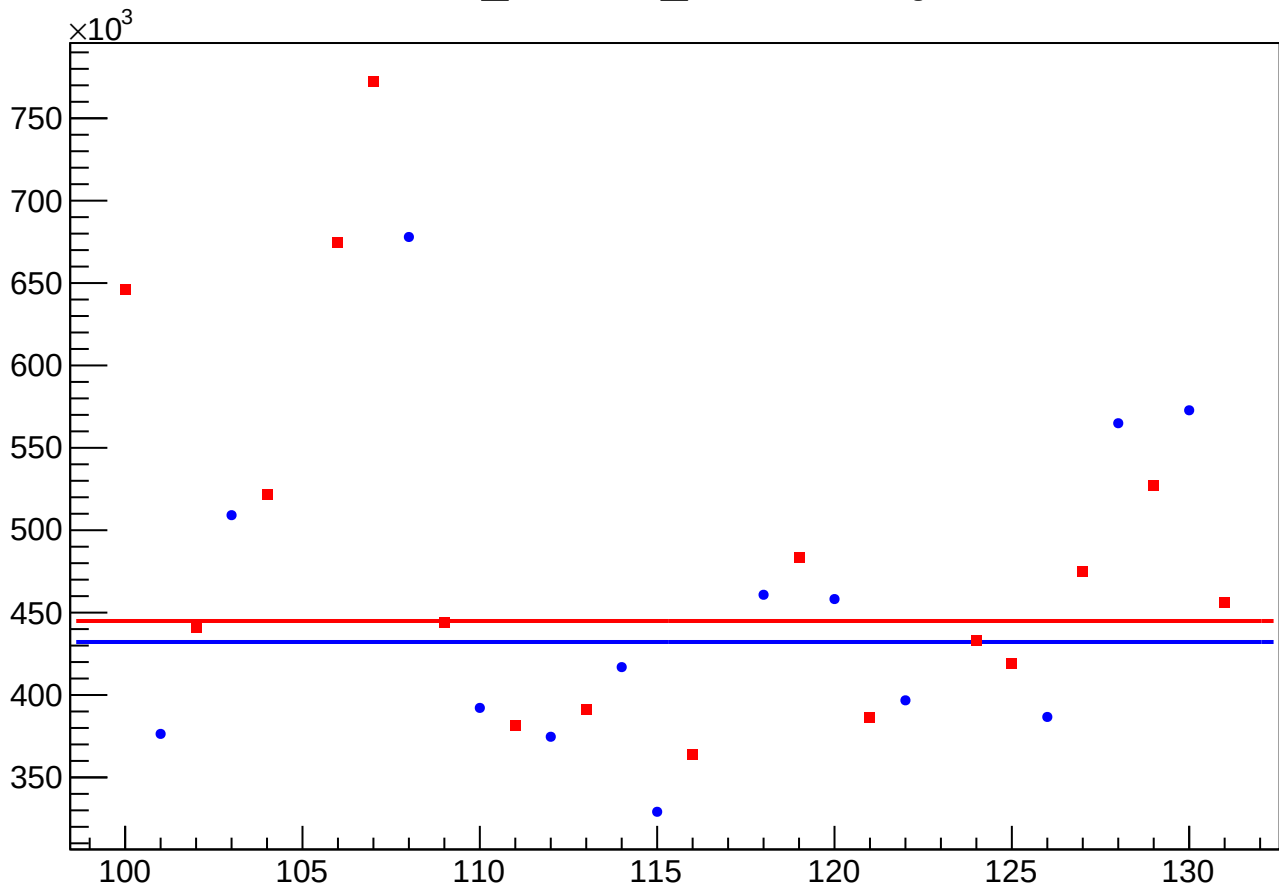
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -227.563 ± 130.277 χ^2/NDF : 28.7/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_cav4cX_rms vs Slug



Right In: 432174.722 $\pm$ 132.995 χ^2 /NDF: 356150.9/12

+ 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

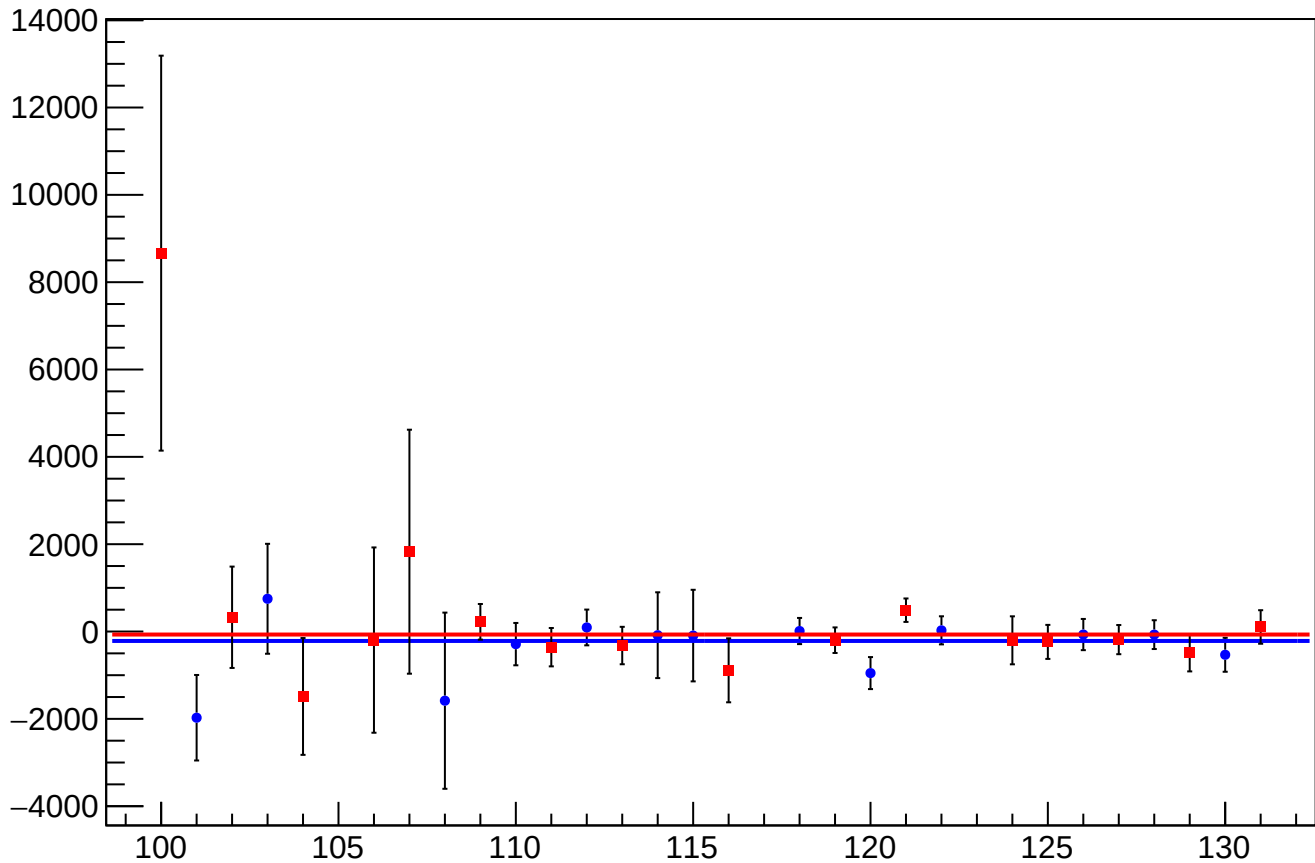
Right Out: 444918.276 $\pm$ 127.797 χ^2 /NDF: 312588.3/15

All: 438800.410 $\pm$ 92.149 χ^2 /NDF: 673512.9

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_cav4cY_mean vs Slug



Right In: -215.775 ± 123.122 χ^2/NDF : 11.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -68.992 ± 114.041 χ^2/NDF : 14.0/15

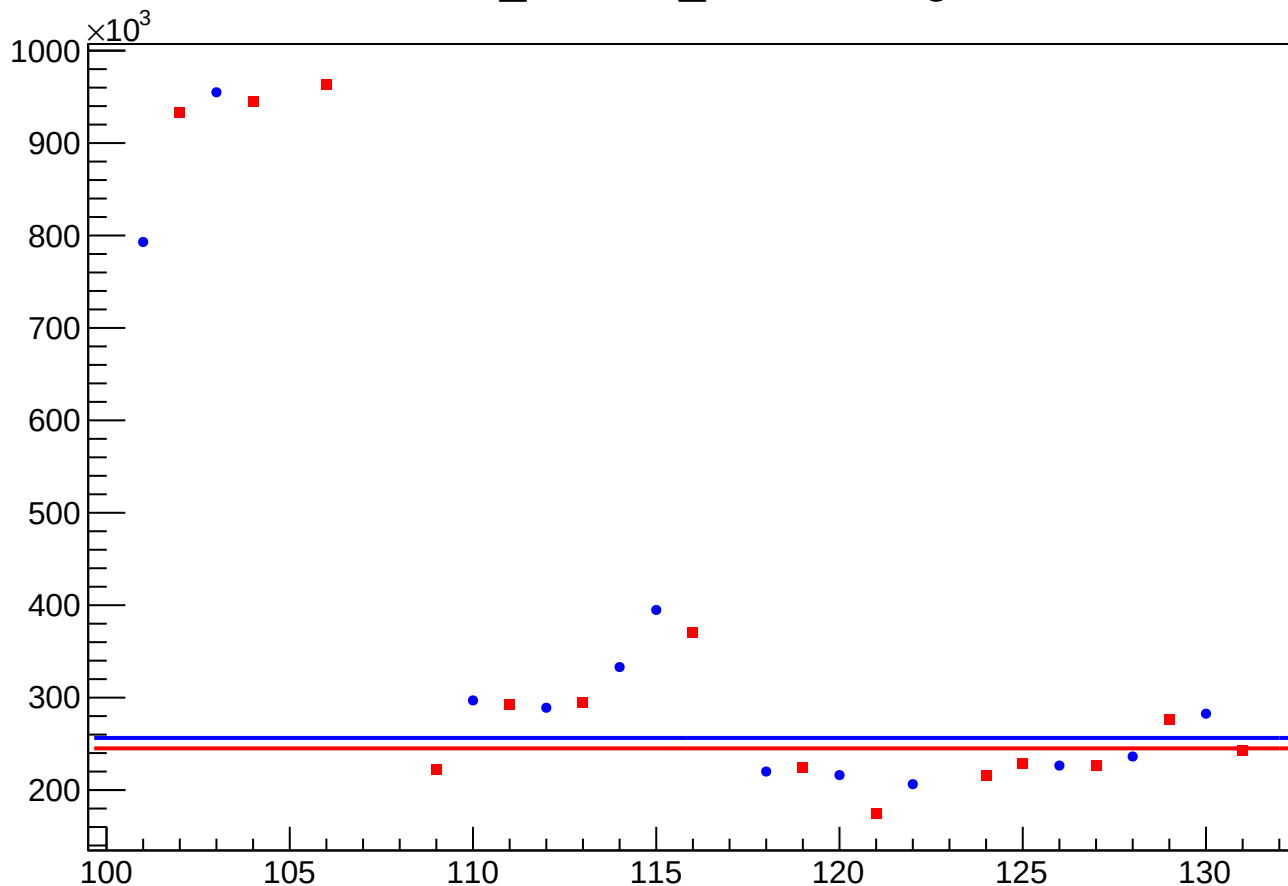
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -136.772 ± 83.666 χ^2/NDF : 25.9/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_cav4cY_rms vs Slug



Right In: 256391.303 $\pm$ 87.356 χ^2 /NDF: 1227029.7/11

+ 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

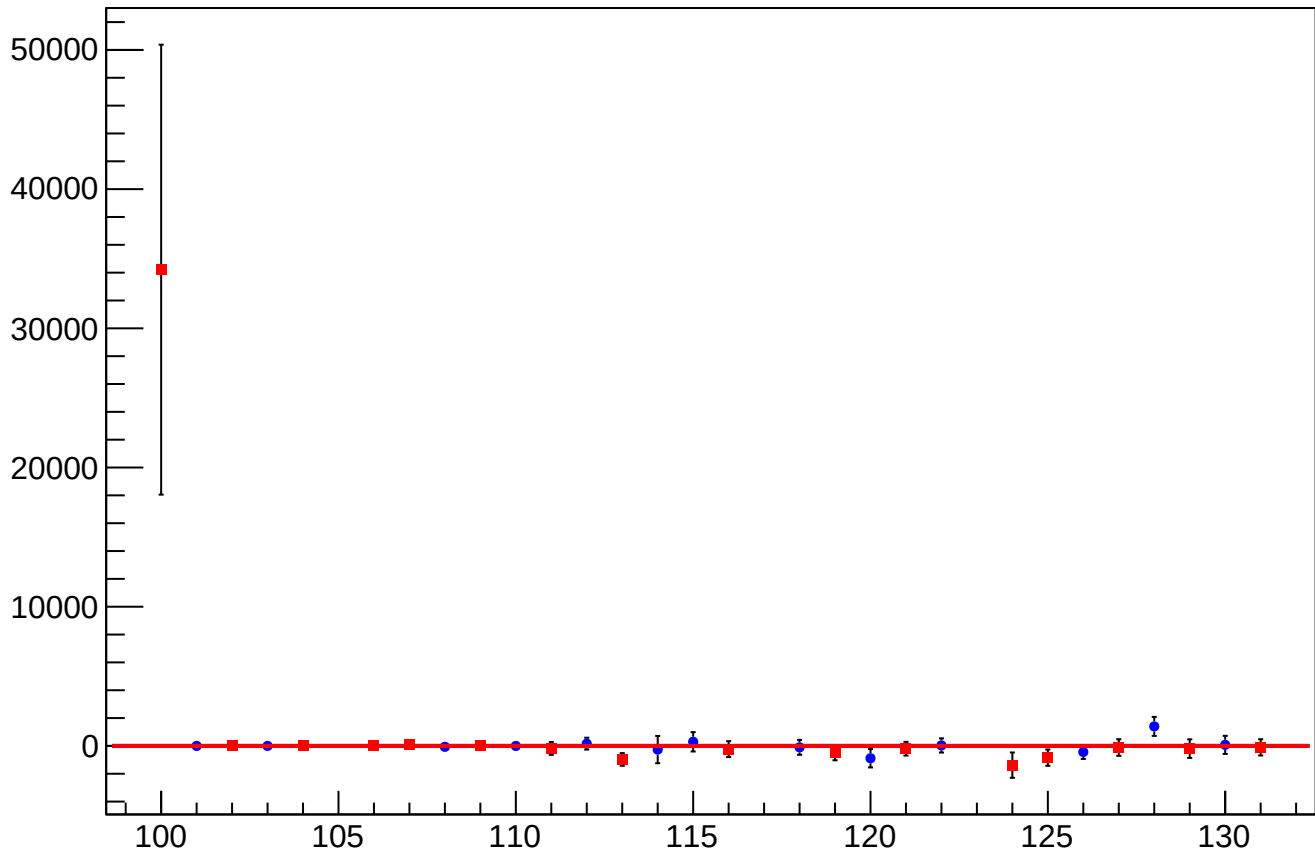
Right Out: 245087.496 $\pm$ 80.981 χ^2 /NDF: 1429441.0/13

All: 250311.942 $\pm$ 59.388 χ^2 /NDF: 2665475.

- 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 : 8.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.355 ± 0.160 χ^2/NDF : 15.7/15

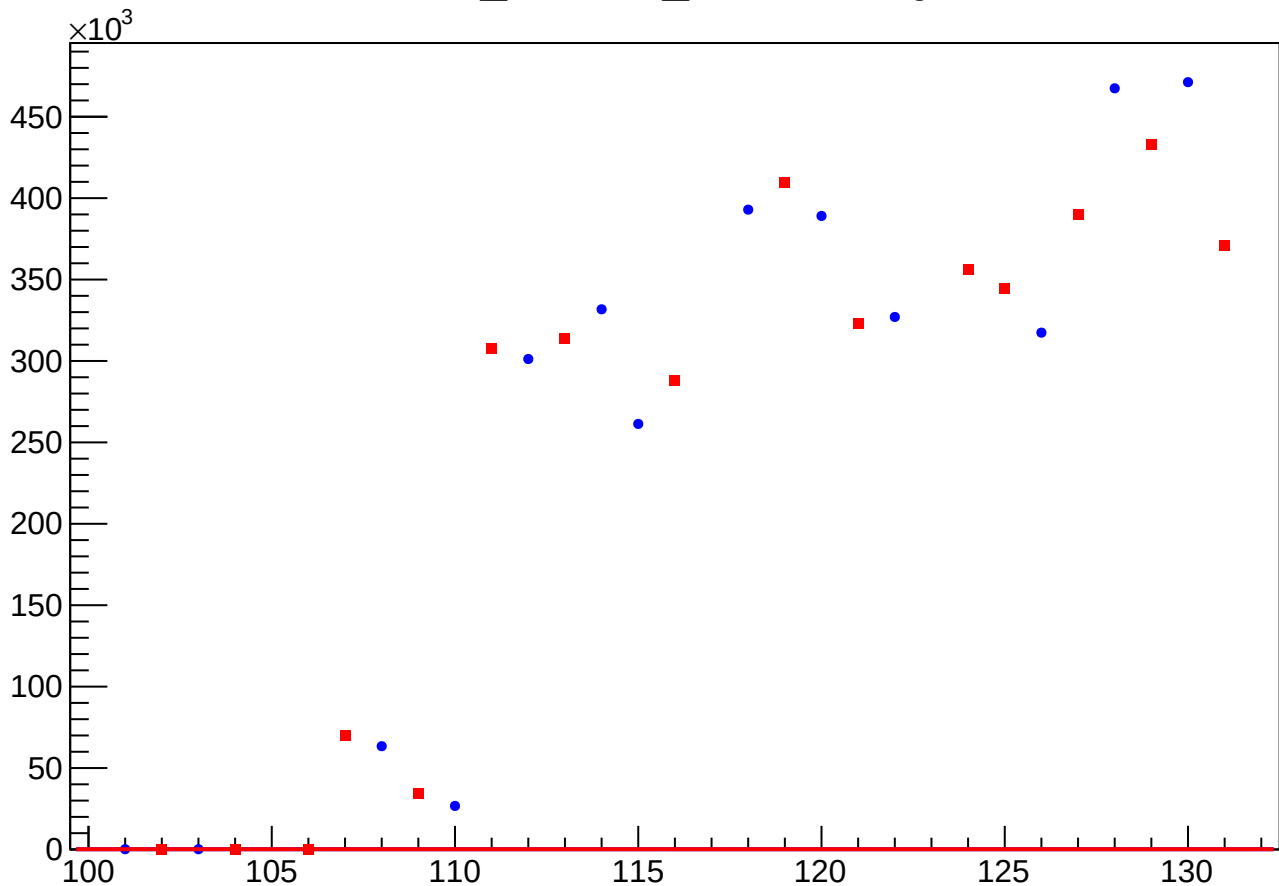
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.207 ± 0.117 χ^2/NDF : 25.9/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_cav4dX_rms vs Slug



Right In: 148.901 $\pm$ 0.122 χ^2/NDF : 7953516.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 149.278 $\pm$ 0.113 χ^2/NDF : 8964179.9/14

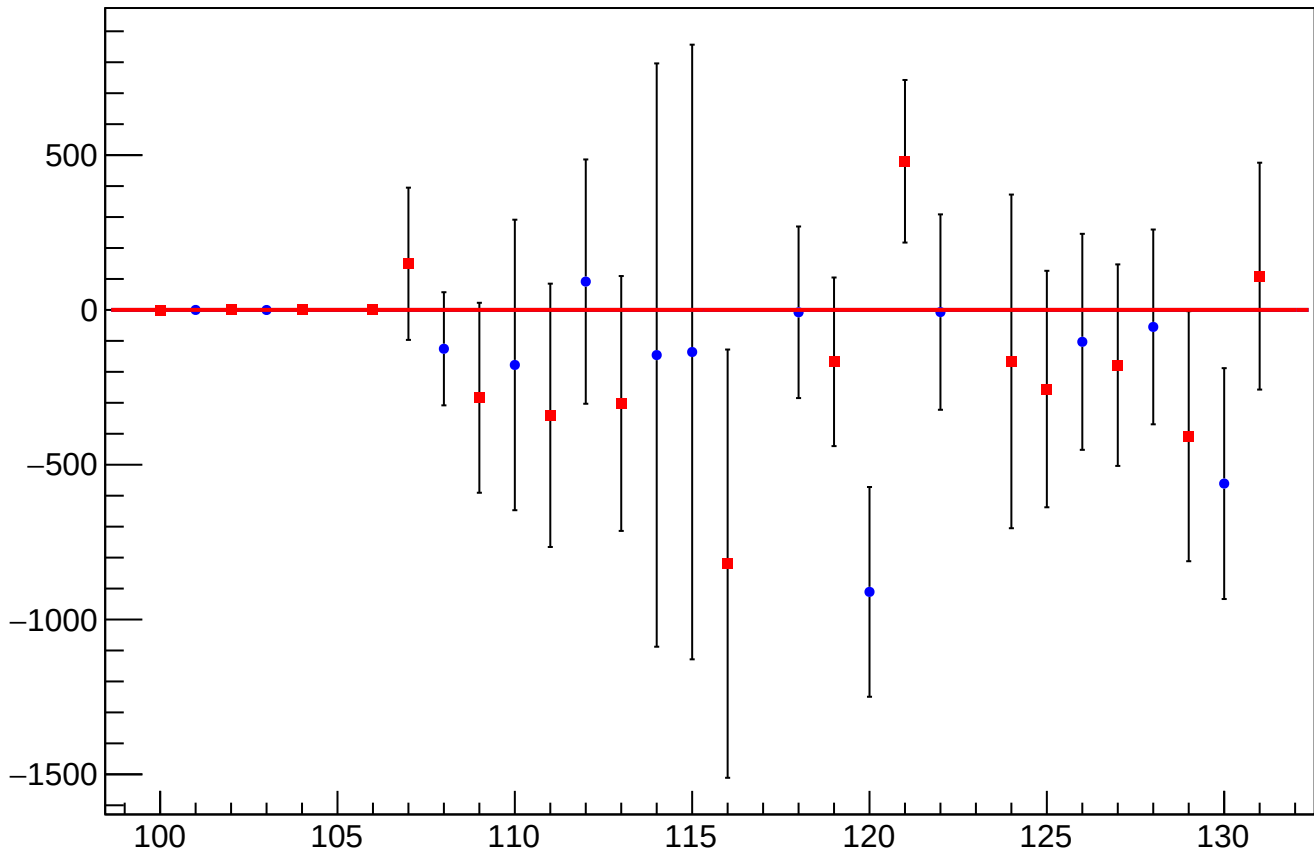
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 149.103 $\pm$ 0.083 χ^2/NDF : 16917701.6/27

- 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 : 10.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.126 ± 0.166 χ^2/NDF : 9.7/15

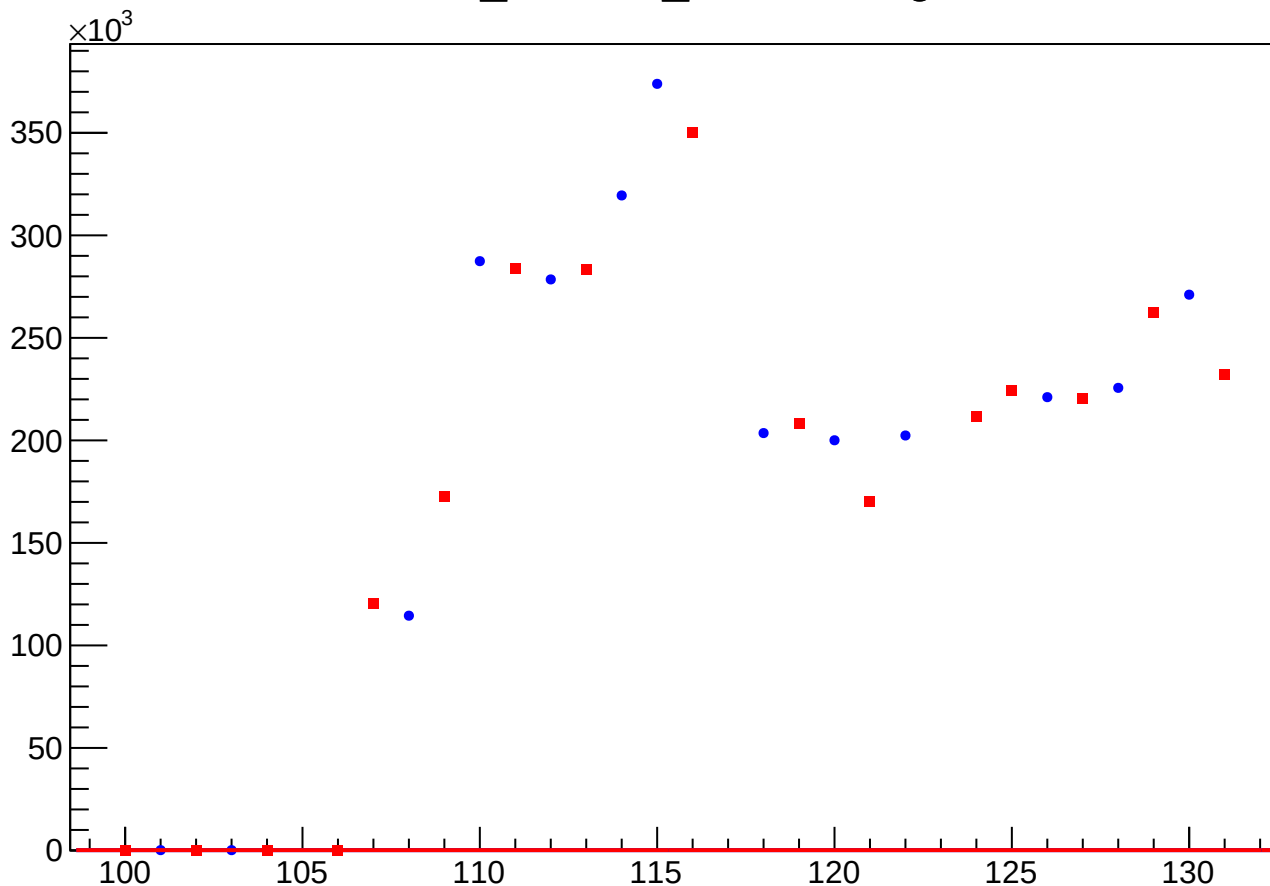
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.035 ± 0.121 χ^2/NDF : 20.8/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_cav4dY_rms vs Slug



Right In: 153.134 $\pm$ 0.125 χ^2/NDF : 8523616.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 155.928 $\pm$ 0.118 χ^2/NDF : 9014675.8/15

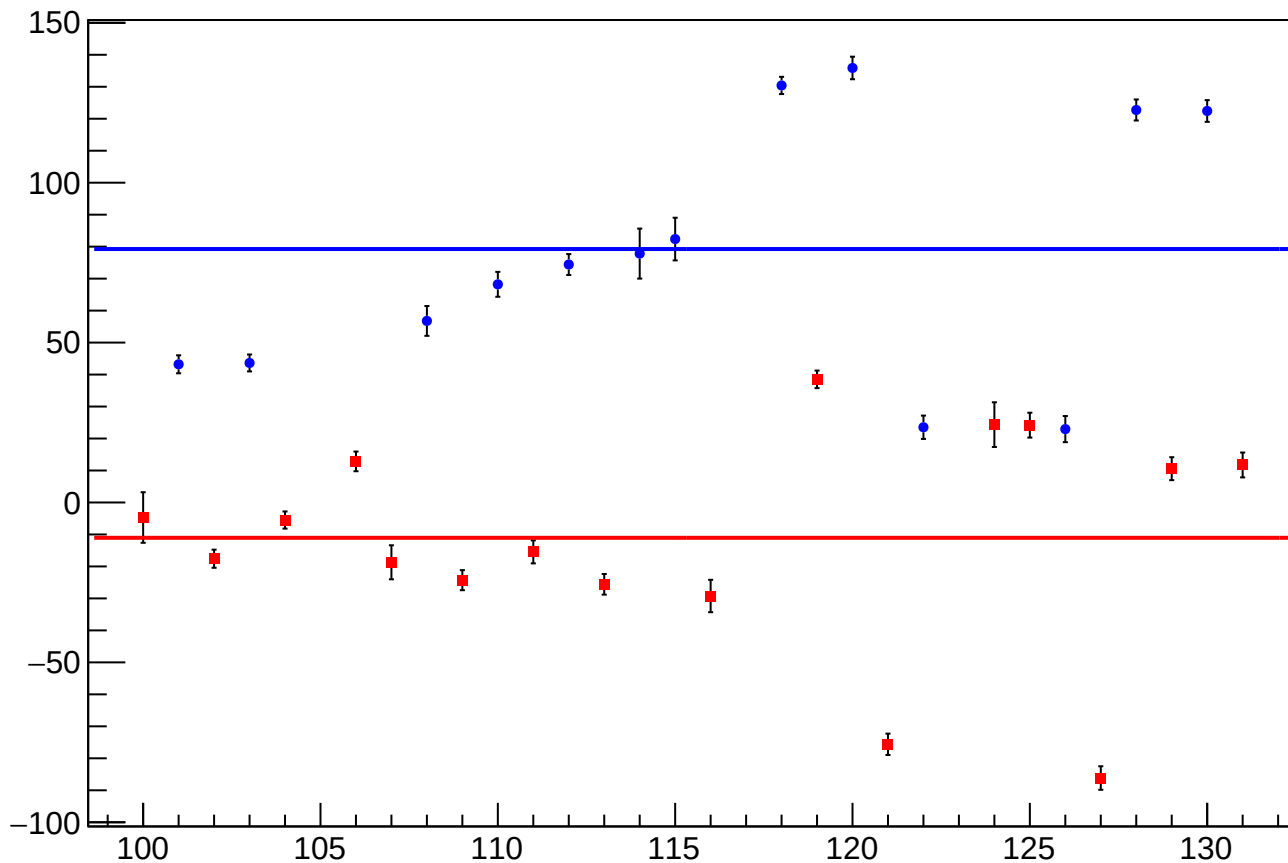
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 154.618 $\pm$ 0.086 χ^2/NDF : 17538556.0/28

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_bpm0i01X_mean vs Slug



Right In: 79.253+/-0.978 χ^2/NDF : 1755.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.046+/-0.891 χ^2/NDF : 1419.7/15

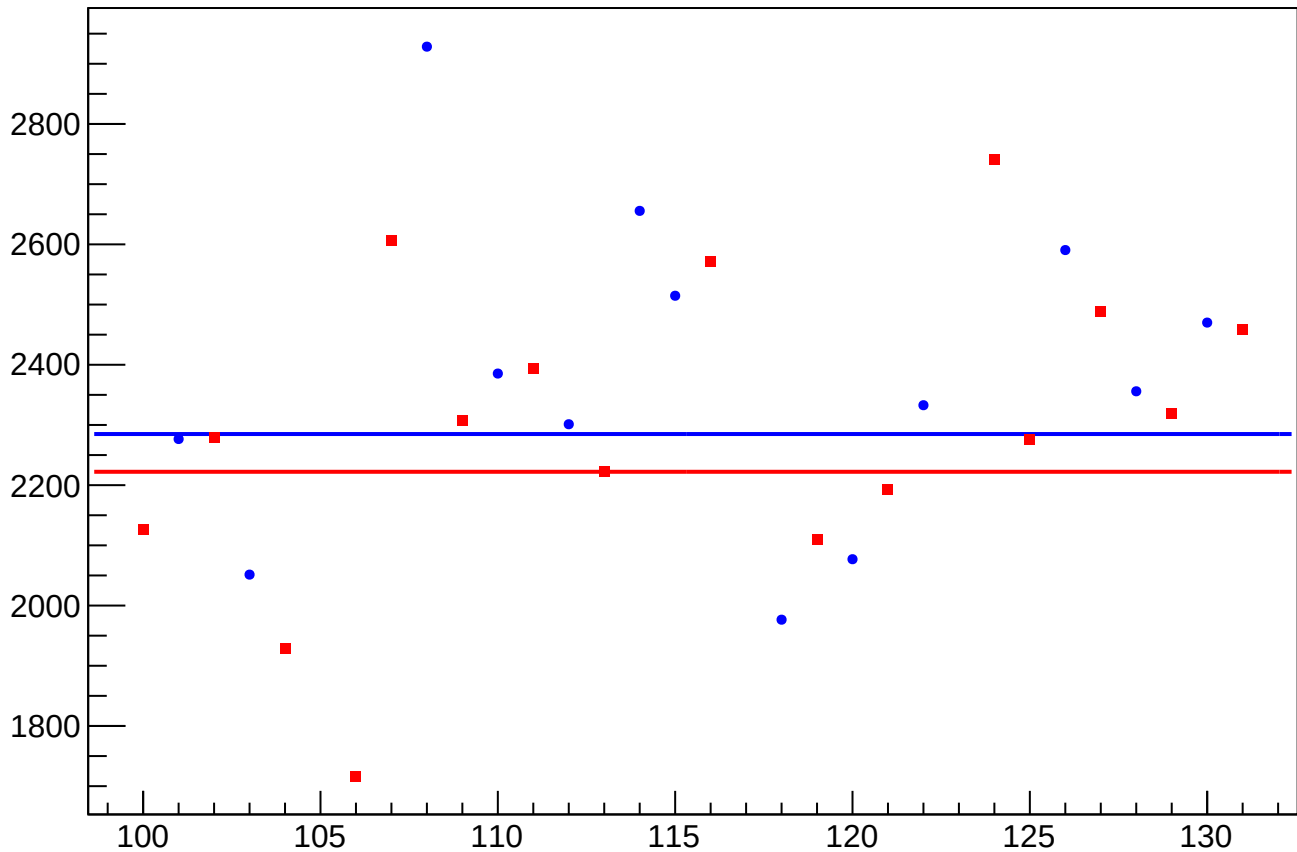
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.878+/-0.659 χ^2/NDF : 7834.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i01X_rms vs Slug



Right In: 2284.929 $\pm$ 0.692 χ^2 /NDF: 113382.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2222.230 $\pm$ 0.630 χ^2 /NDF: 139460.2/15

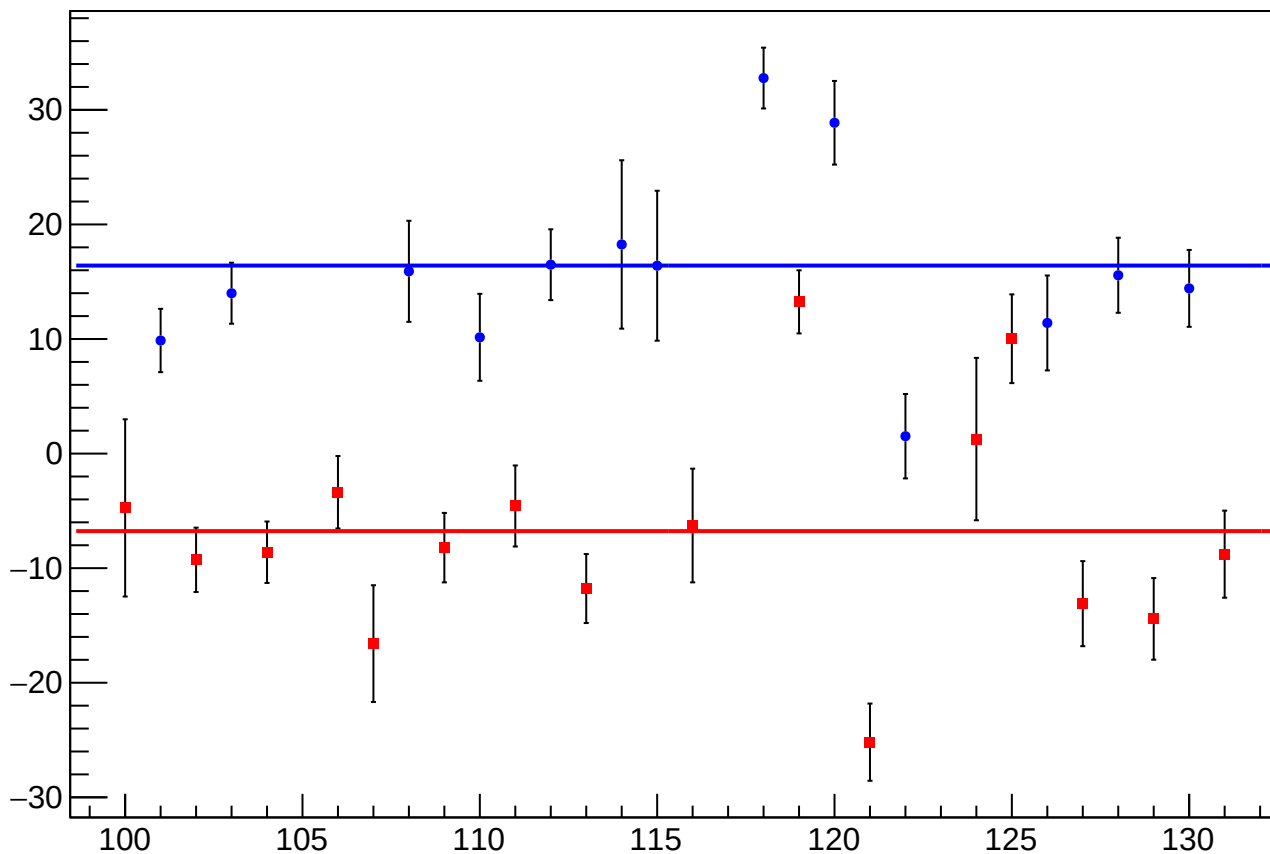
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2250.645 $\pm$ 0.466 χ^2 /NDF: 257334.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01Y_mean vs Slug



Right In: 16.410 $\pm$ 0.967 χ^2 /NDF: 77.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -6.765 $\pm$ 0.881 χ^2 /NDF: 120.2/15

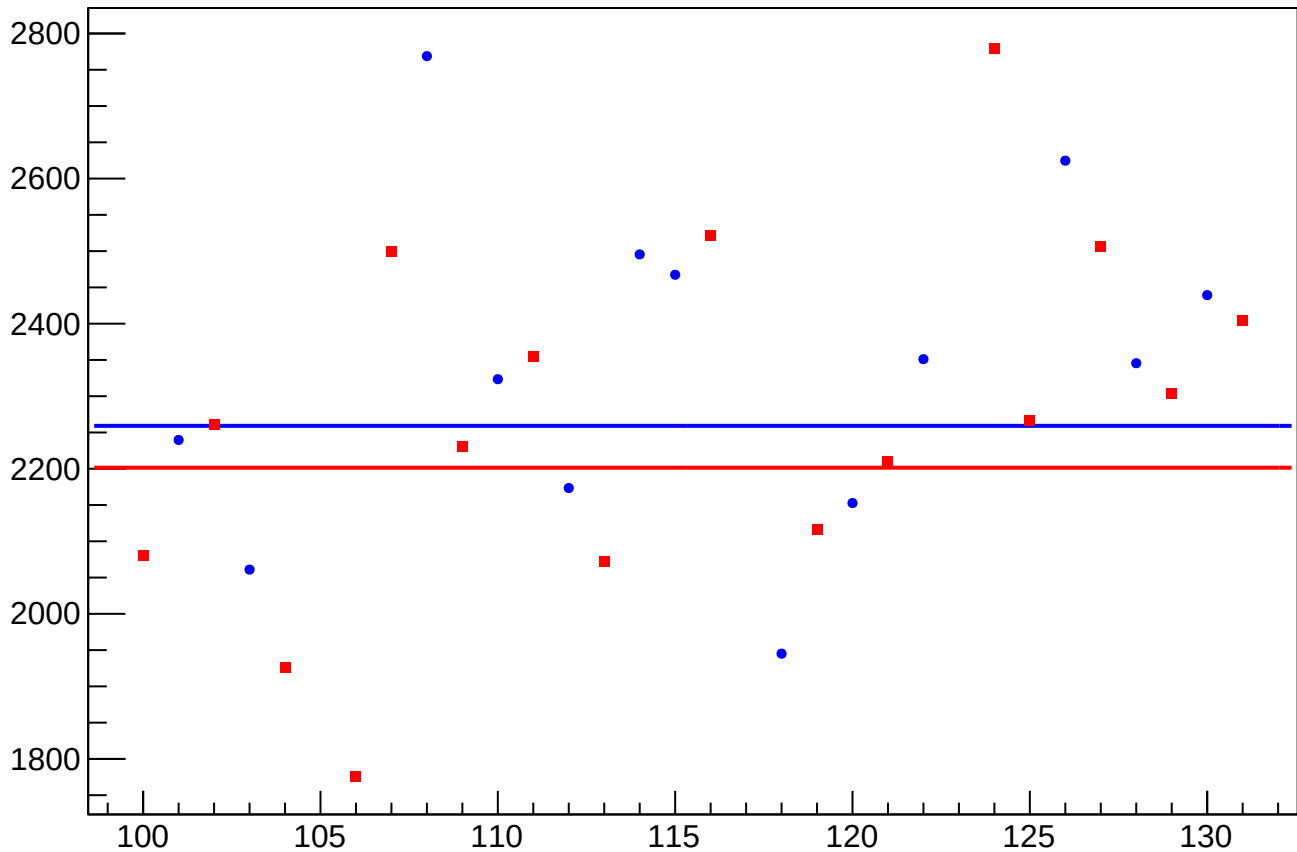
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.753 $\pm$ 0.651 χ^2 /NDF: 511.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01Y_rms vs Slug



Right In: 2259.150+/-0.683 χ^2/NDF : 97810.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

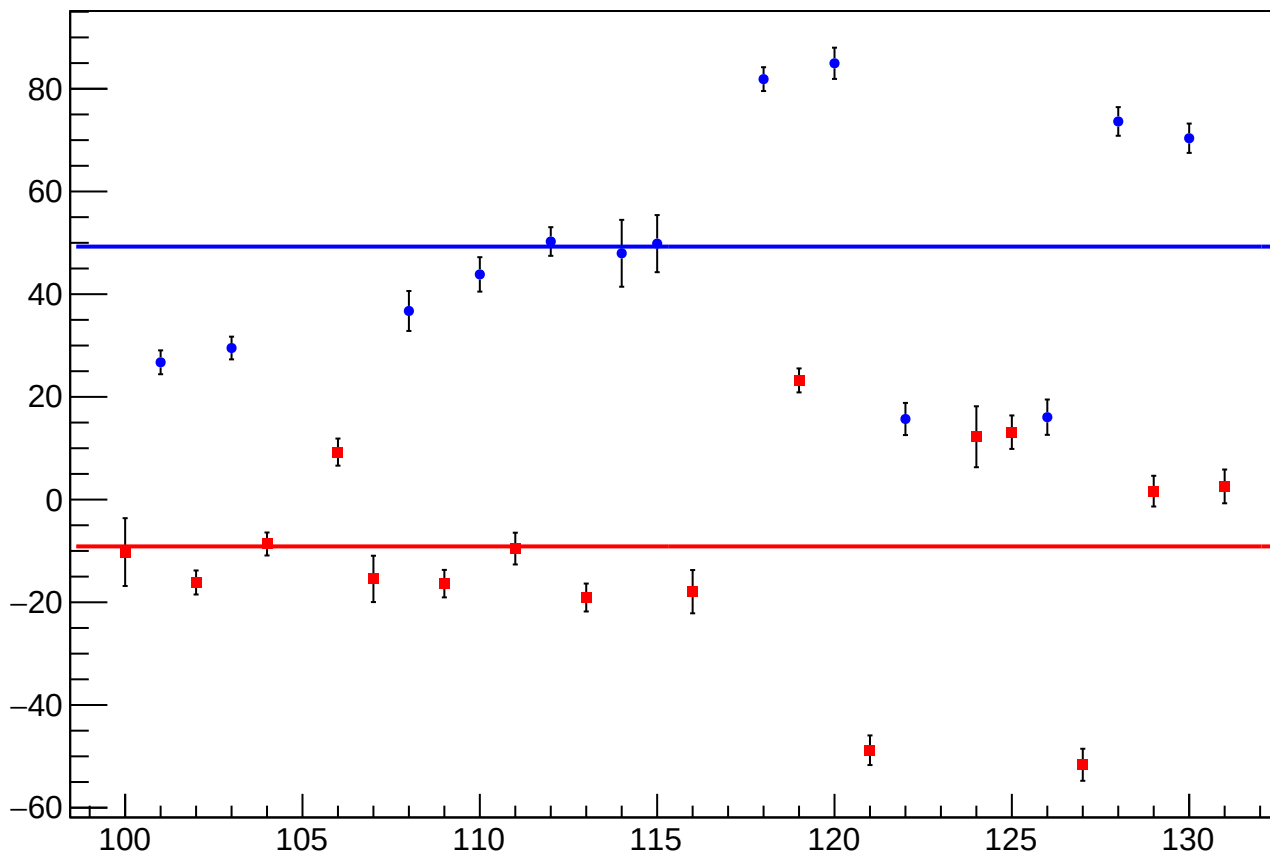
Right Out: 2201.467+/-0.623 χ^2/NDF : 118151.3/15

All: 2227.648+/-0.460 χ^2/NDF : 219852.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i01aX_mean vs Slug



Right In: 49.266 $\pm$ 0.828 χ^2 /NDF: 861.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -9.117 $\pm$ 0.752 χ^2 /NDF: 736.9/15

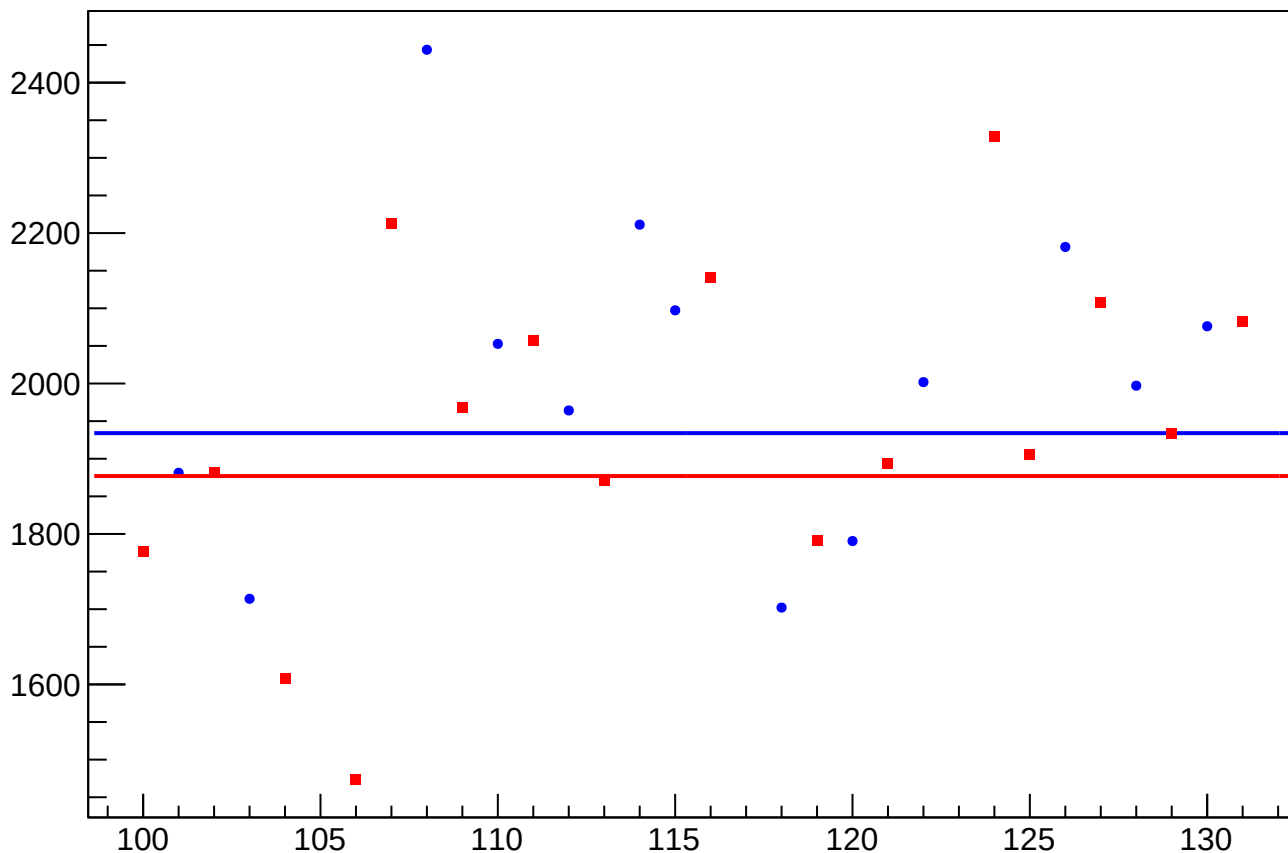
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.294 $\pm$ 0.557 χ^2 /NDF: 4323.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01aX_rms vs Slug



Right In: 1934.049+/-0.585 χ^2/NDF : 104884.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1876.996+/-0.532 χ^2/NDF : 138211.2/15

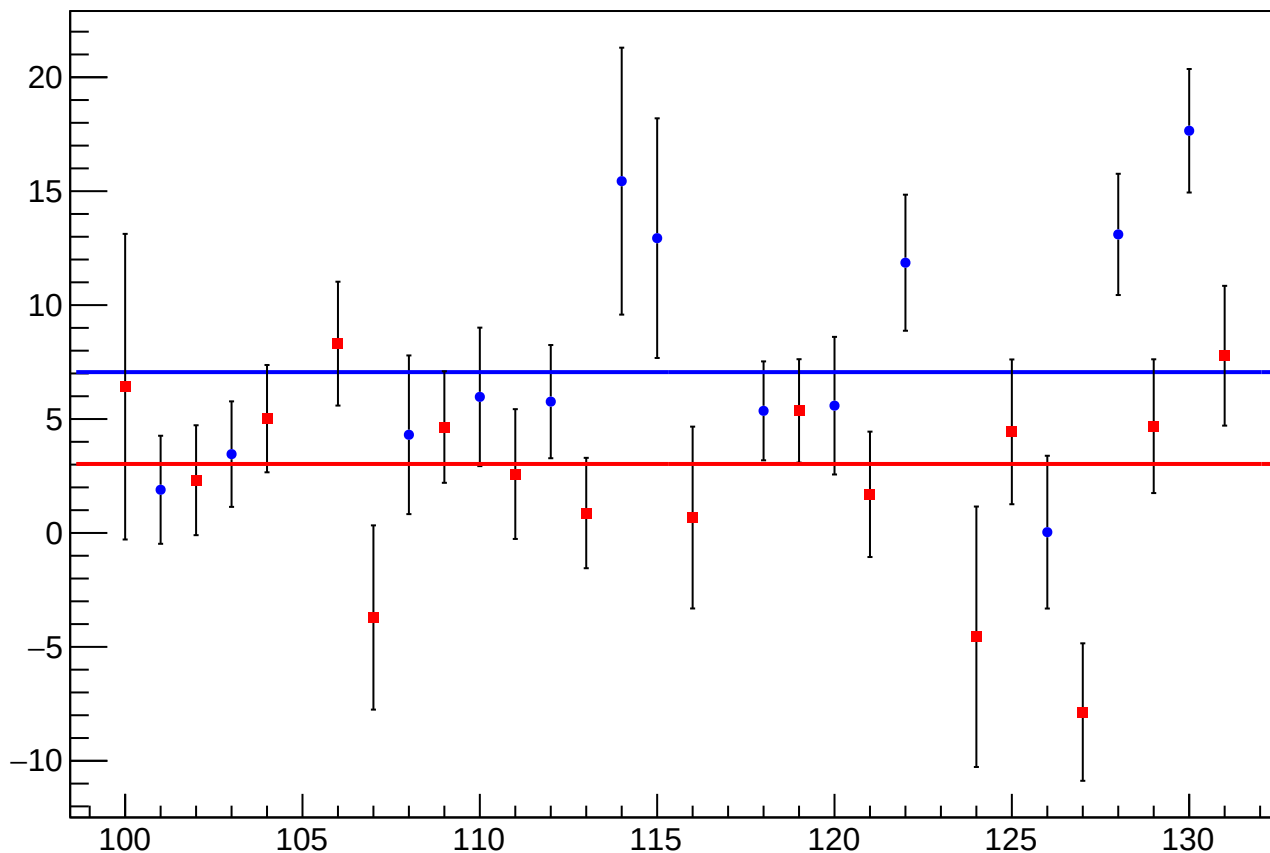
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1902.805+/-0.394 χ^2/NDF : 248301.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i01aY_mean vs Slug



Right In: 7.059 $\pm$ 0.795 χ^2/NDF : 39.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 3.028 $\pm$ 0.729 χ^2/NDF : 28.2/15

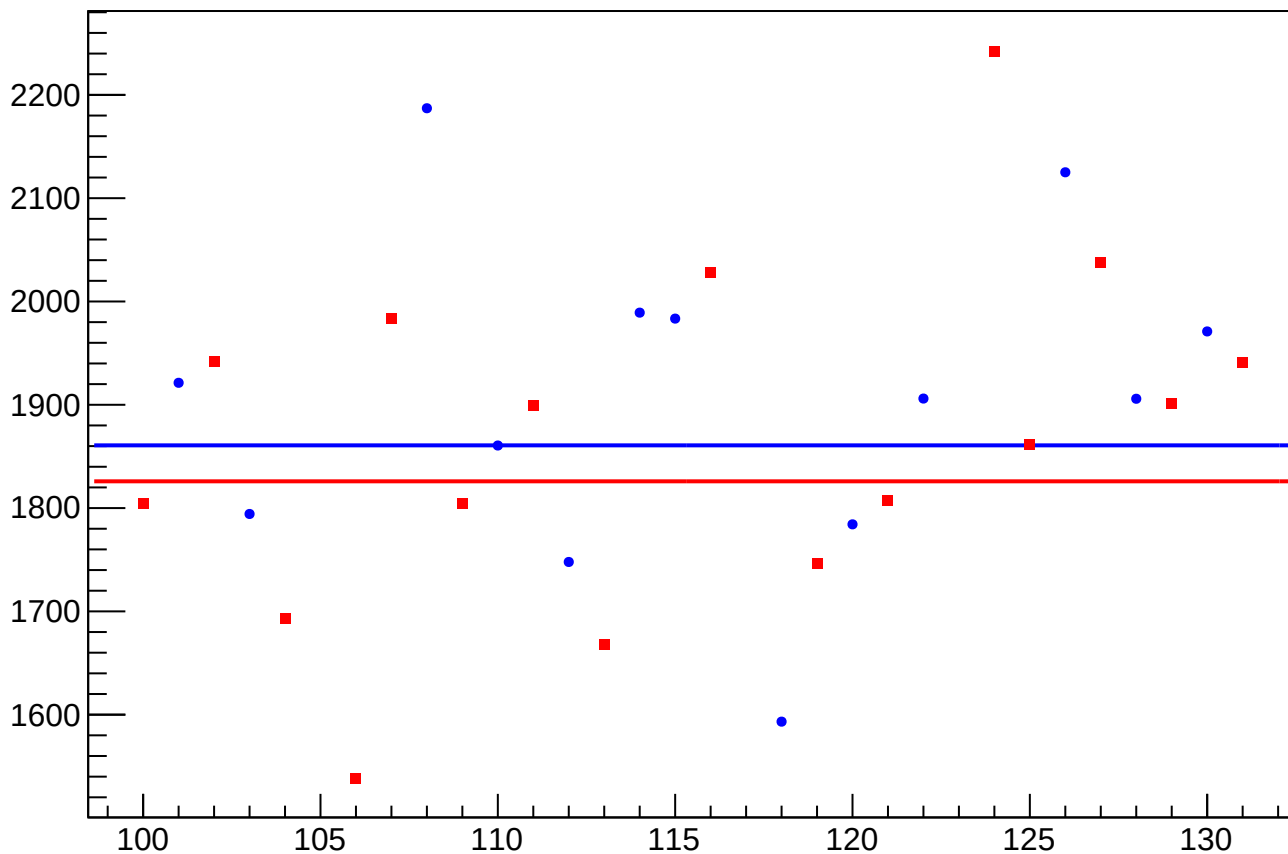
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 4.869 $\pm$ 0.537 χ^2/NDF : 81.9/28

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_bpm0i01aY_rms vs Slug



Right In: 1860.726 $\pm$ 0.562 χ^2 /NDF: 75132.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1825.907 $\pm$ 0.515 χ^2 /NDF: 78946.9/15

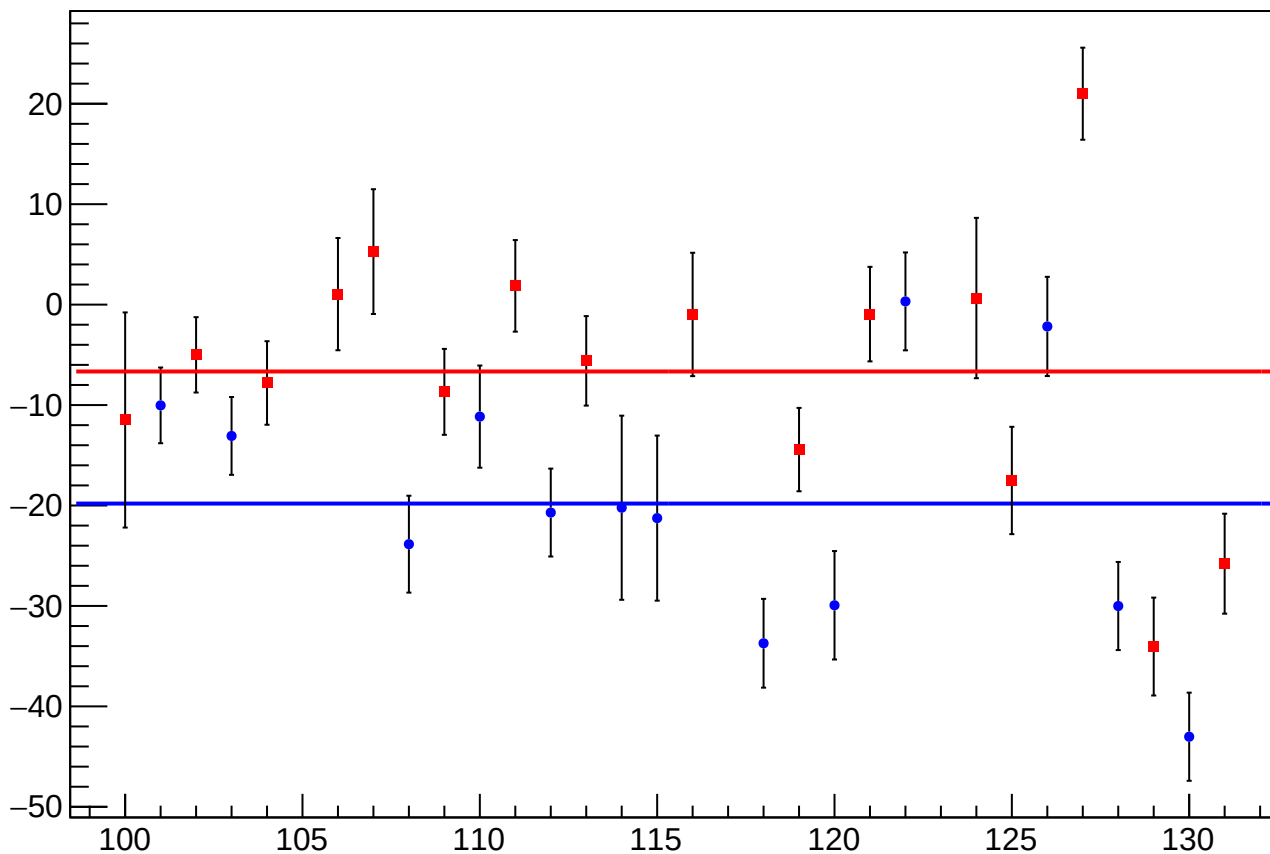
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1841.810 $\pm$ 0.380 χ^2 /NDF: 156164.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l01X_mean vs Slug



Right In: -19.807 ± 1.324 $\chi^2/\text{NDF}: 90.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -6.657 ± 1.232 $\chi^2/\text{NDF}: 103.4/15$

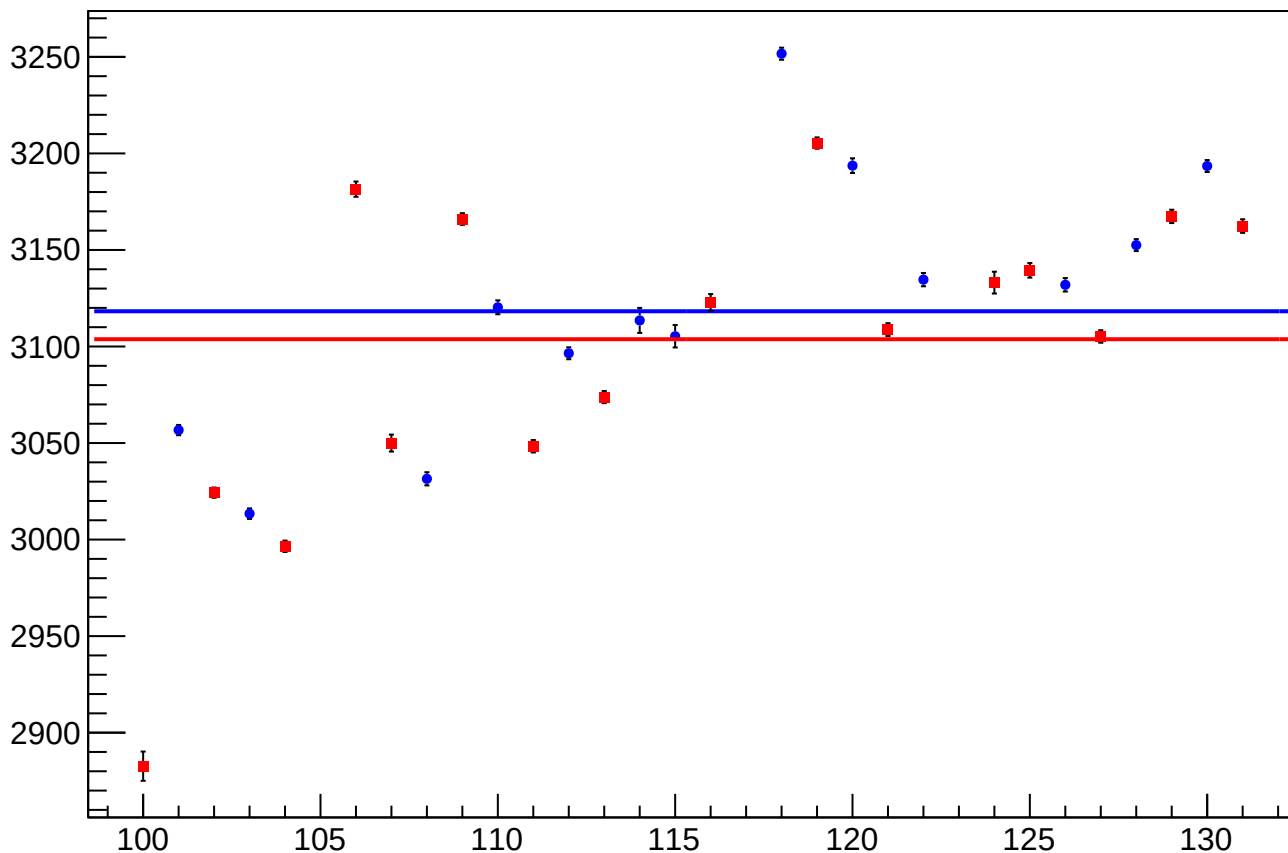
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -12.755 ± 0.902 $\chi^2/\text{NDF}: 246.4/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm0l01X_rms vs Slug



Right In: 3118.252+/-0.937 χ^2/NDF : 5659.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3103.767+/-0.871 χ^2/NDF : 6380.5/15

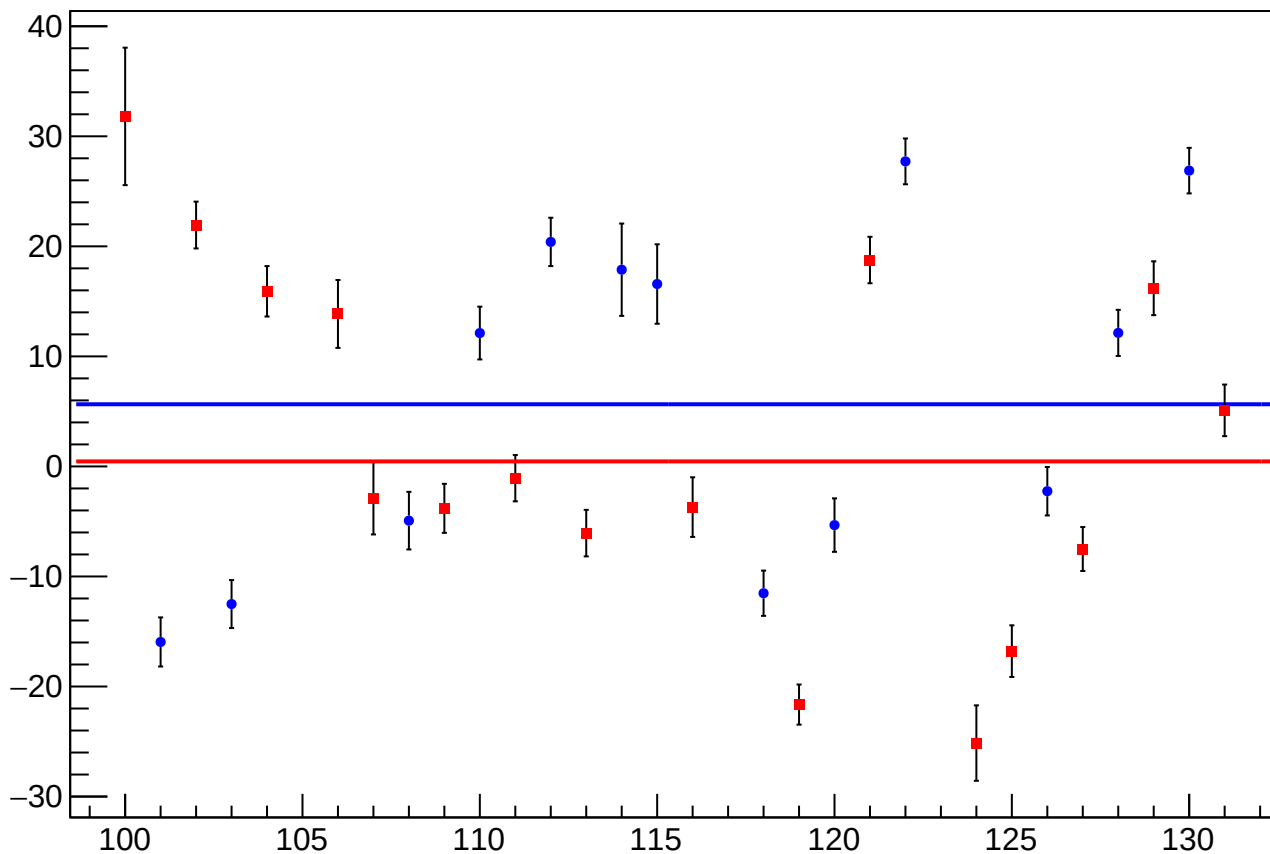
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3110.485+/-0.638 χ^2/NDF : 12168.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l01Y_mean vs Slug



Right In: 5.649+/-0.649 χ^2/NDF : 579.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.455+/-0.596 χ^2/NDF : 601.7/15

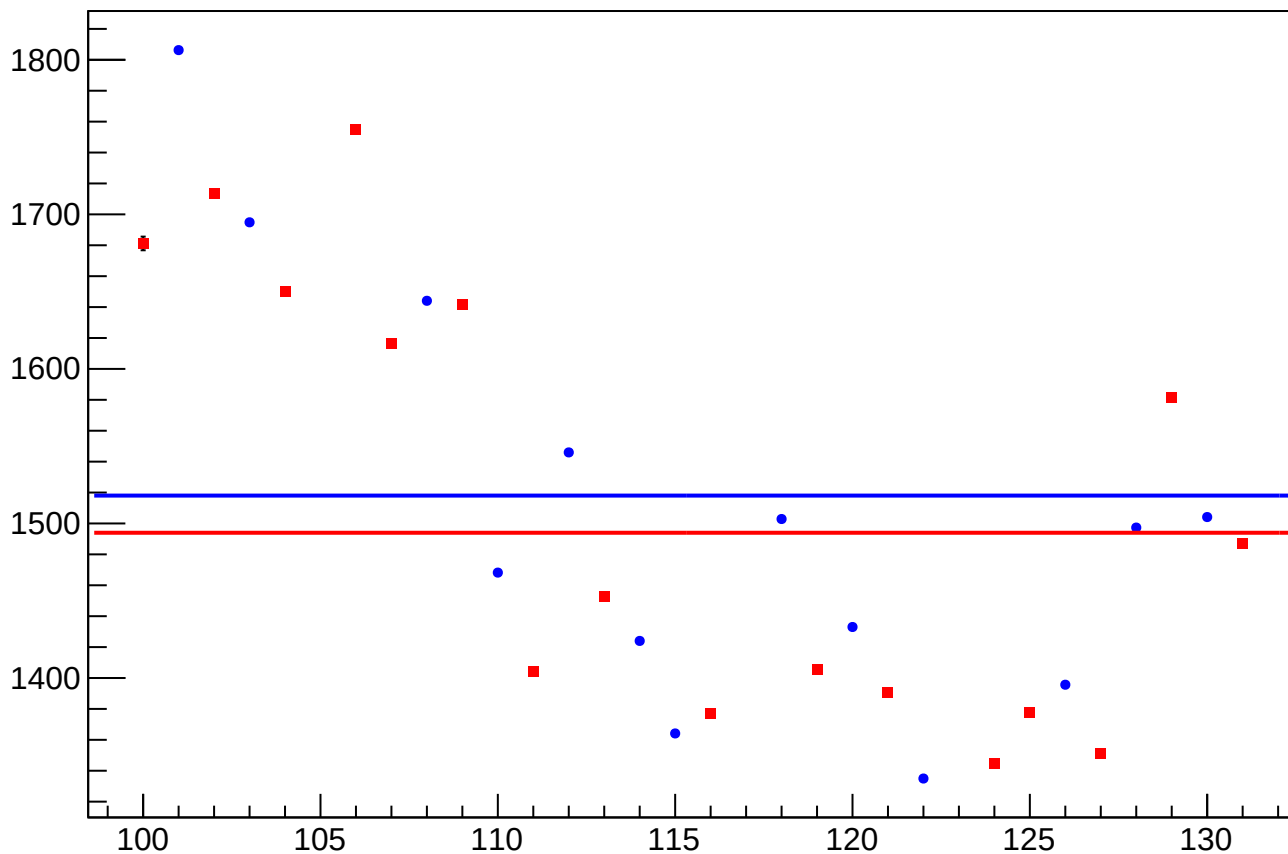
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.833+/-0.439 χ^2/NDF : 1216.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l01Y_rms vs Slug



Right In: 1518.037 $\pm$ 0.459 χ^2 /NDF: 81483.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1493.982 $\pm$ 0.422 χ^2 /NDF: 97296.1/15

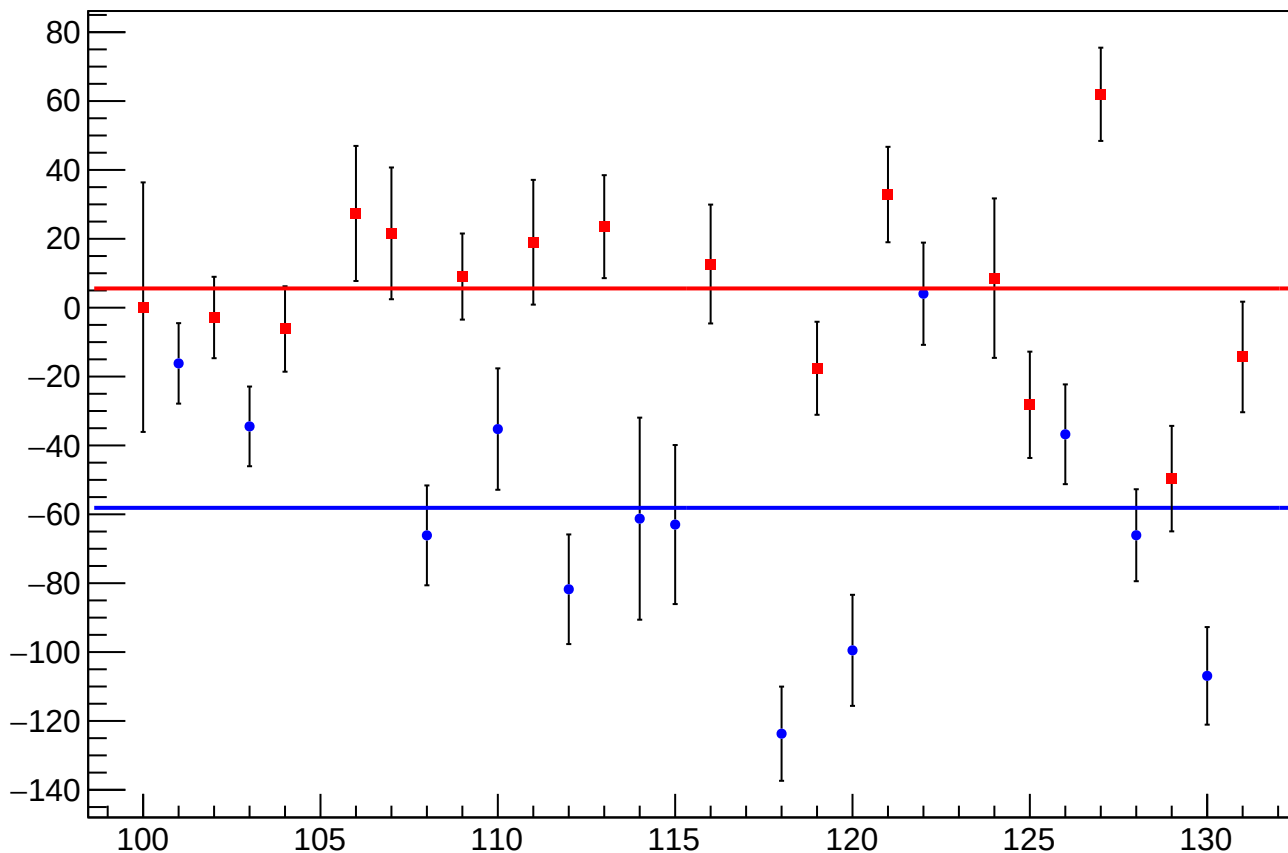
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1504.994 $\pm$ 0.310 χ^2 /NDF: 180270.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l02X_mean vs Slug



Right In: -58.120 ± 4.123 $\chi^2/\text{NDF}: 82.8/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 5.585 ± 3.852 $\chi^2/\text{NDF}: 49.1/15$

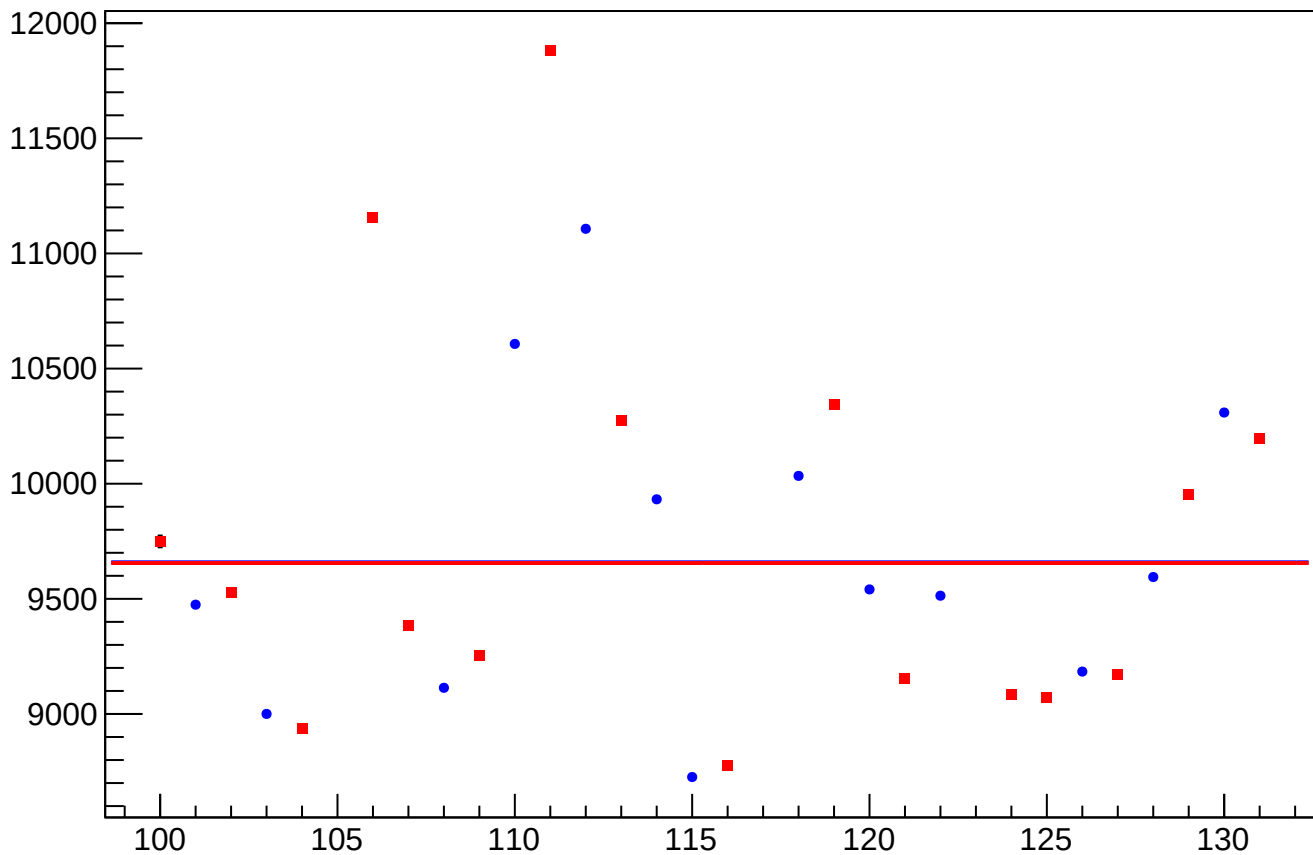
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -24.109 ± 2.815 $\chi^2/\text{NDF}: 259.4/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm0l02X_rms vs Slug



Right In: 9658.595 $\pm$ 2.915 χ^2 /NDF: 43793.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9655.658 $\pm$ 2.724 χ^2 /NDF: 77514.3/15

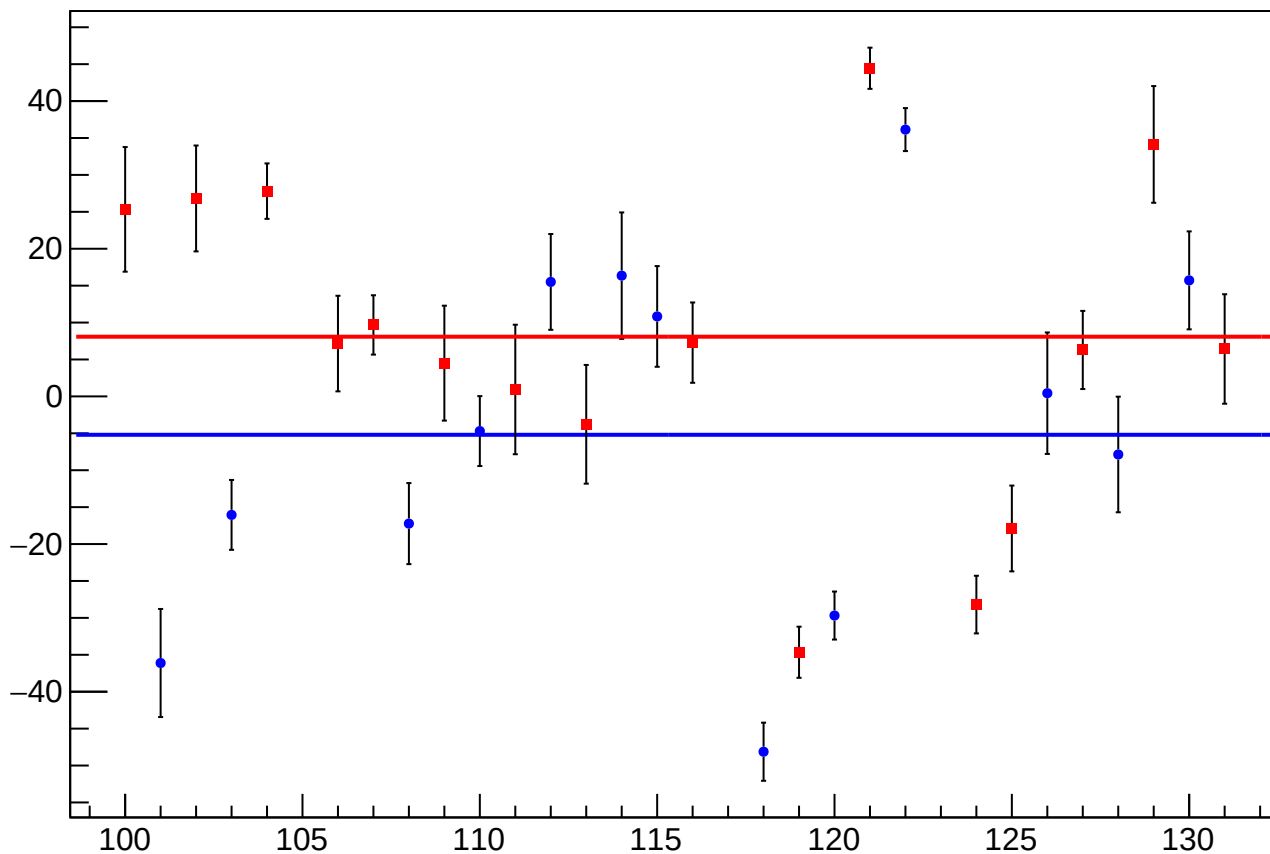
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9657.027 $\pm$ 1.990 χ^2 /NDF: 121308.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l02Y_mean vs Slug



Right In: -5.201+/-1.373 χ^2/NDF : 437.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.085+/-1.244 χ^2/NDF : 481.6/15

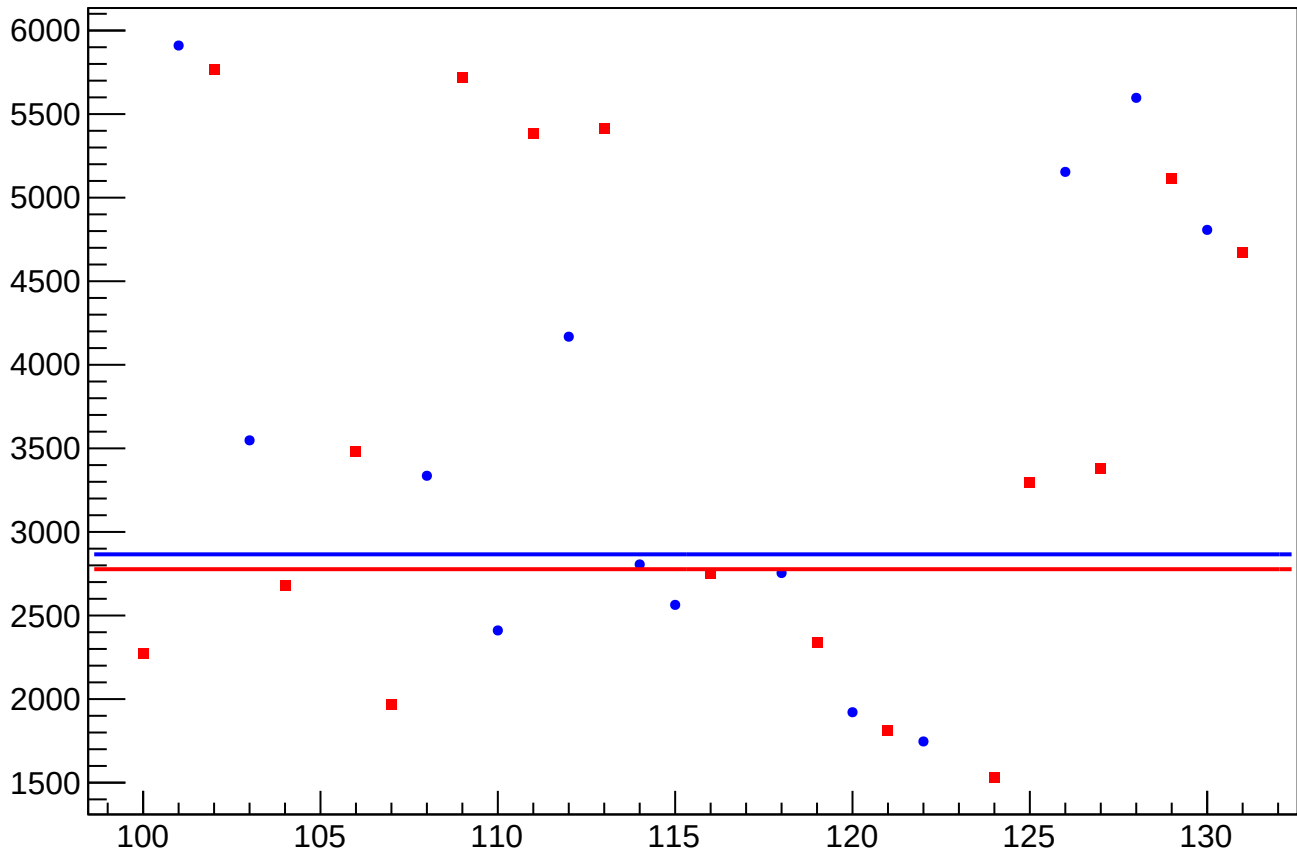
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.093+/-0.922 χ^2/NDF : 970.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l02Y_rms vs Slug



Right In: 2866.024+/-0.971 χ^2/NDF : 1540638.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

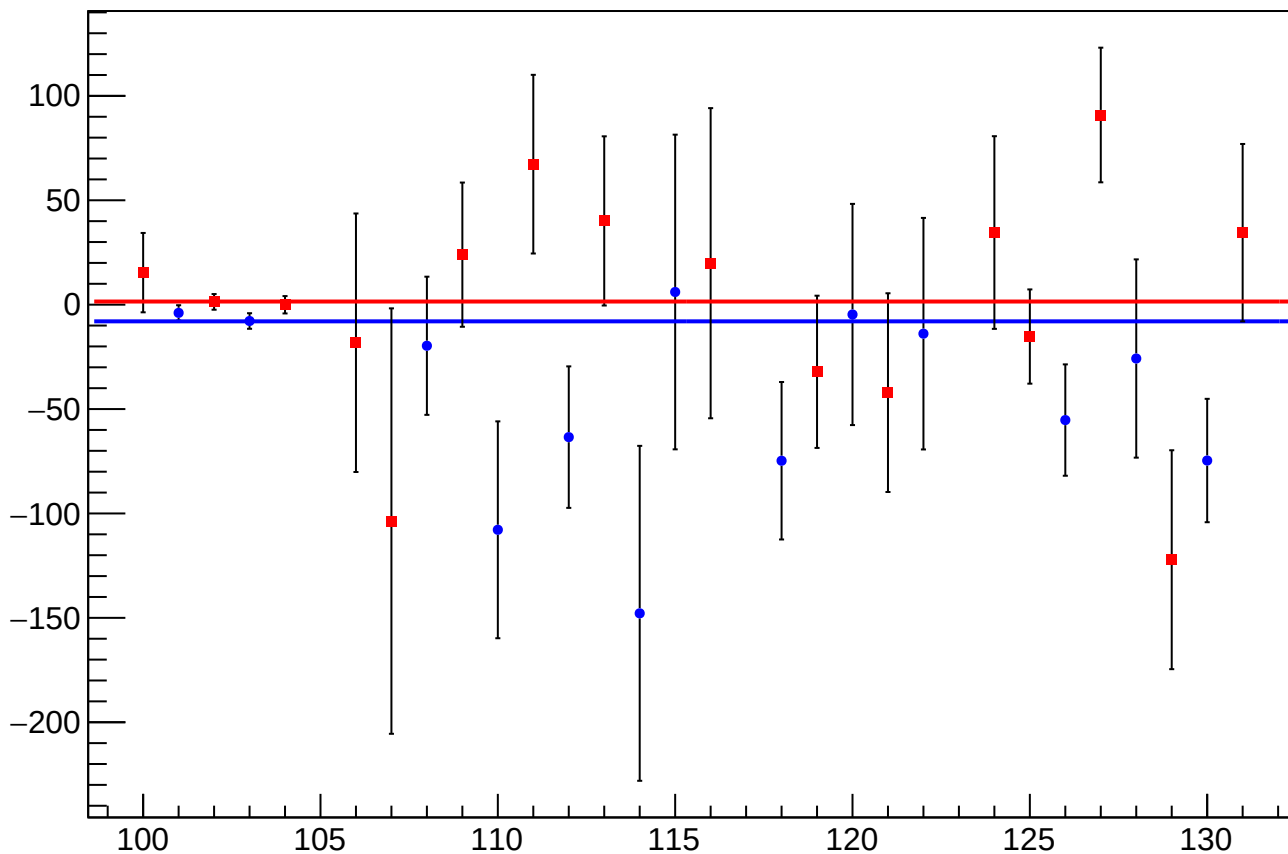
Right Out: 2777.138+/-0.880 χ^2/NDF : 1959108.6/15

All: 2817.228+/-0.652 χ^2/NDF : 3504351.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l03X_mean vs Slug



Right In: -7.986 ± 2.556 χ^2/NDF : 22.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.508 ± 2.676 χ^2/NDF : 22.2/15

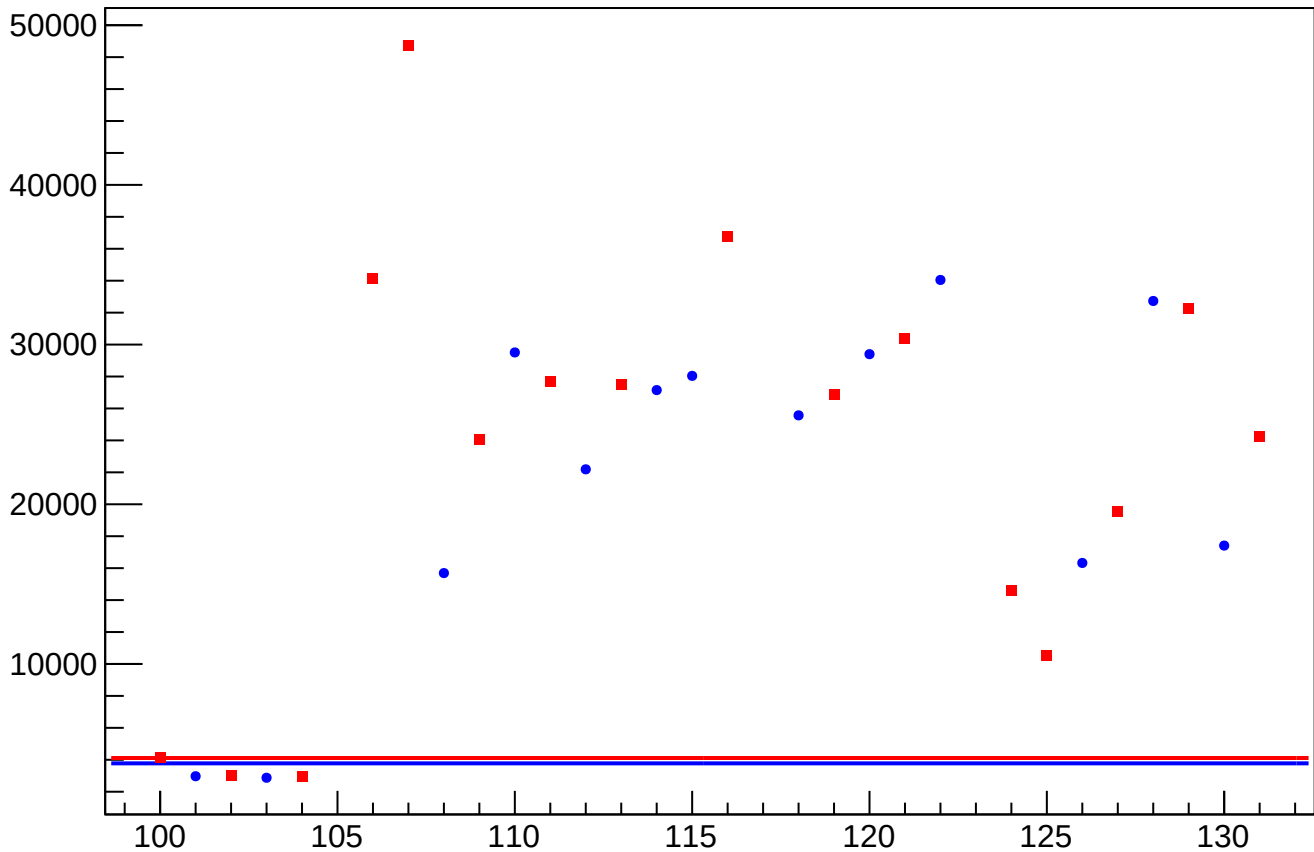
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.456 ± 1.848 χ^2/NDF : 51.1/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0l03X_rms vs Slug



Right In: 3776.986+/-1.807 χ^2/NDF : 5275719.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4111.637+/-1.892 χ^2/NDF : 6644533.6/15

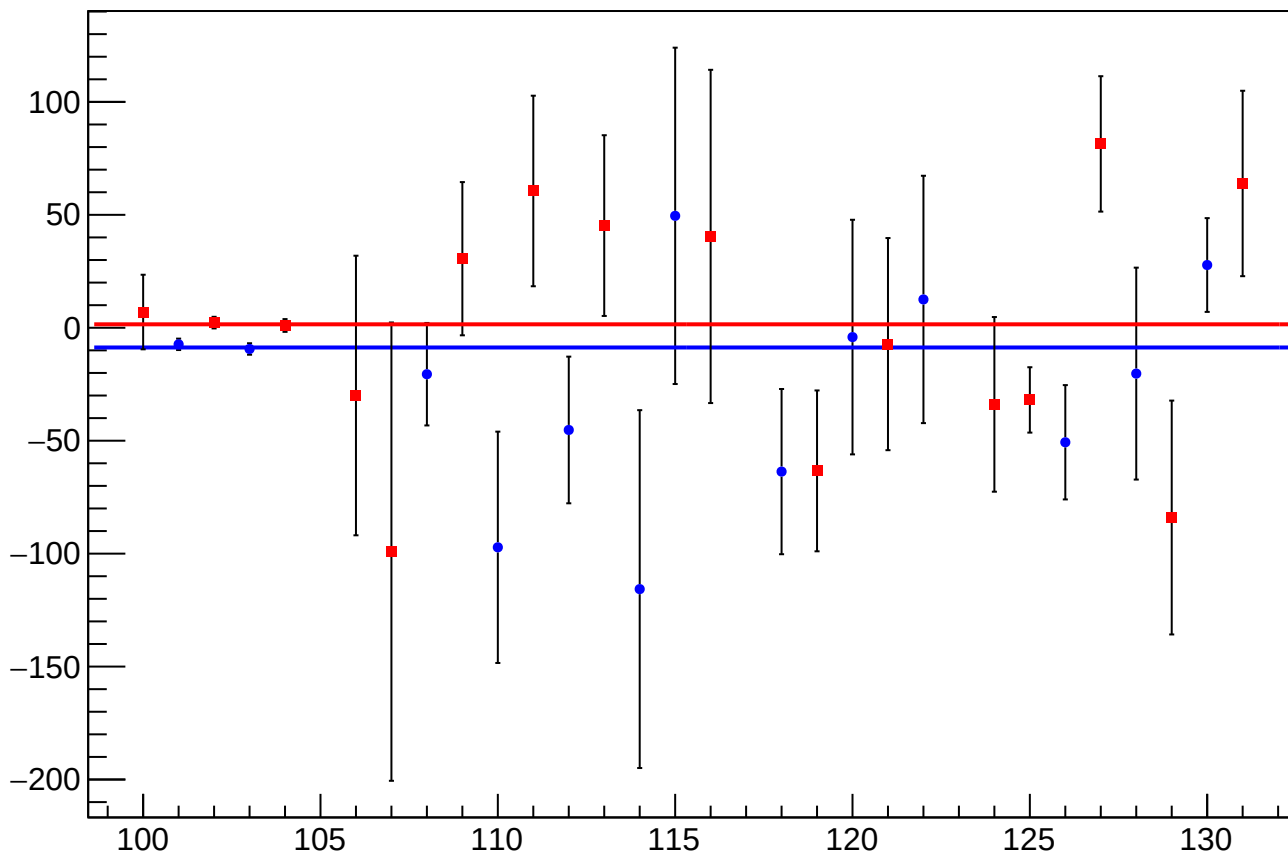
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3936.665+/-1.307 χ^2/NDF : 11936609.5/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l03Y_mean vs Slug



Right In: -8.726+/-1.763 χ^2/NDF : 15.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.530+/-1.853 χ^2/NDF : 27.3/15

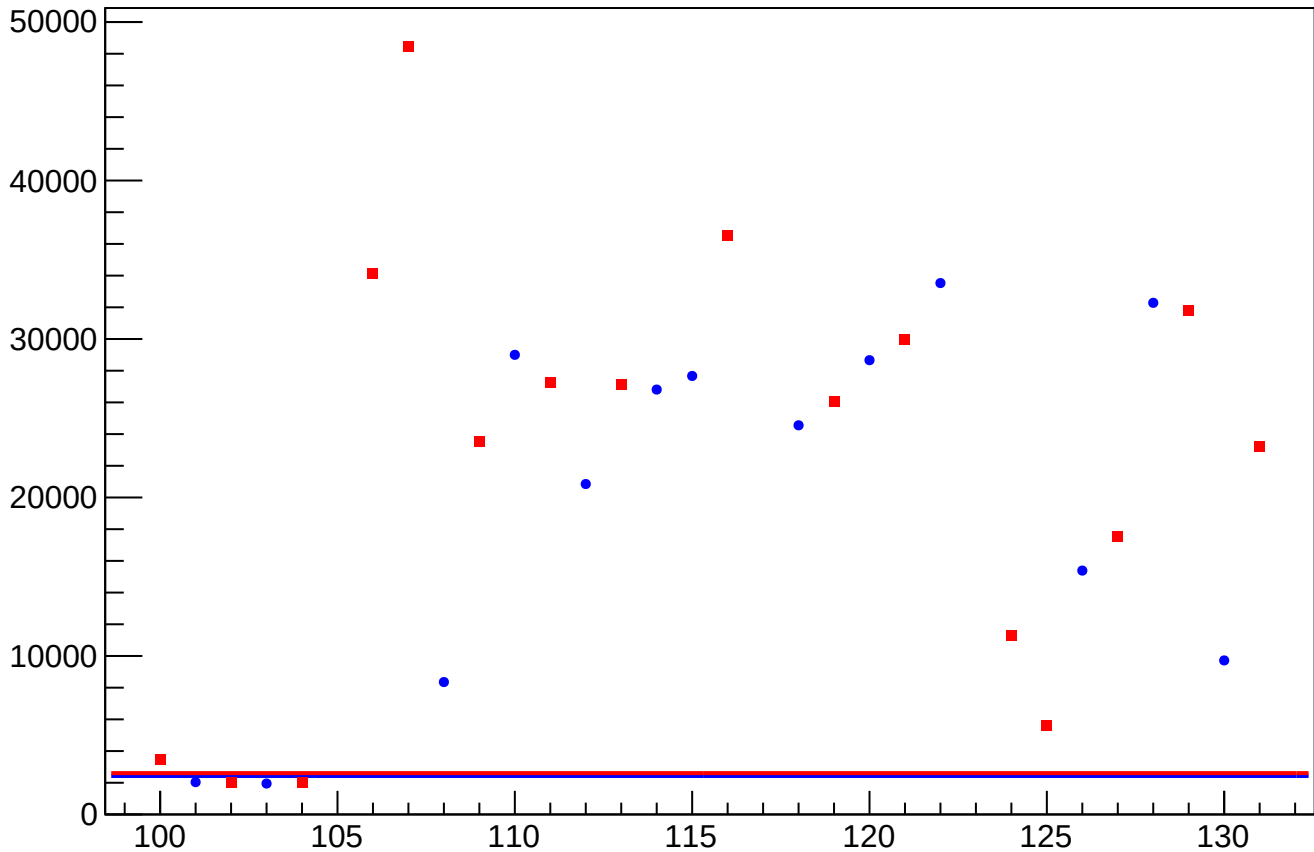
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.853+/-1.277 χ^2/NDF : 59.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l03Y_rms vs Slug



Right In: 2427.099+/-1.247 χ^2/NDF : 5325314.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2607.998+/-1.310 χ^2/NDF : 7106646.2/15

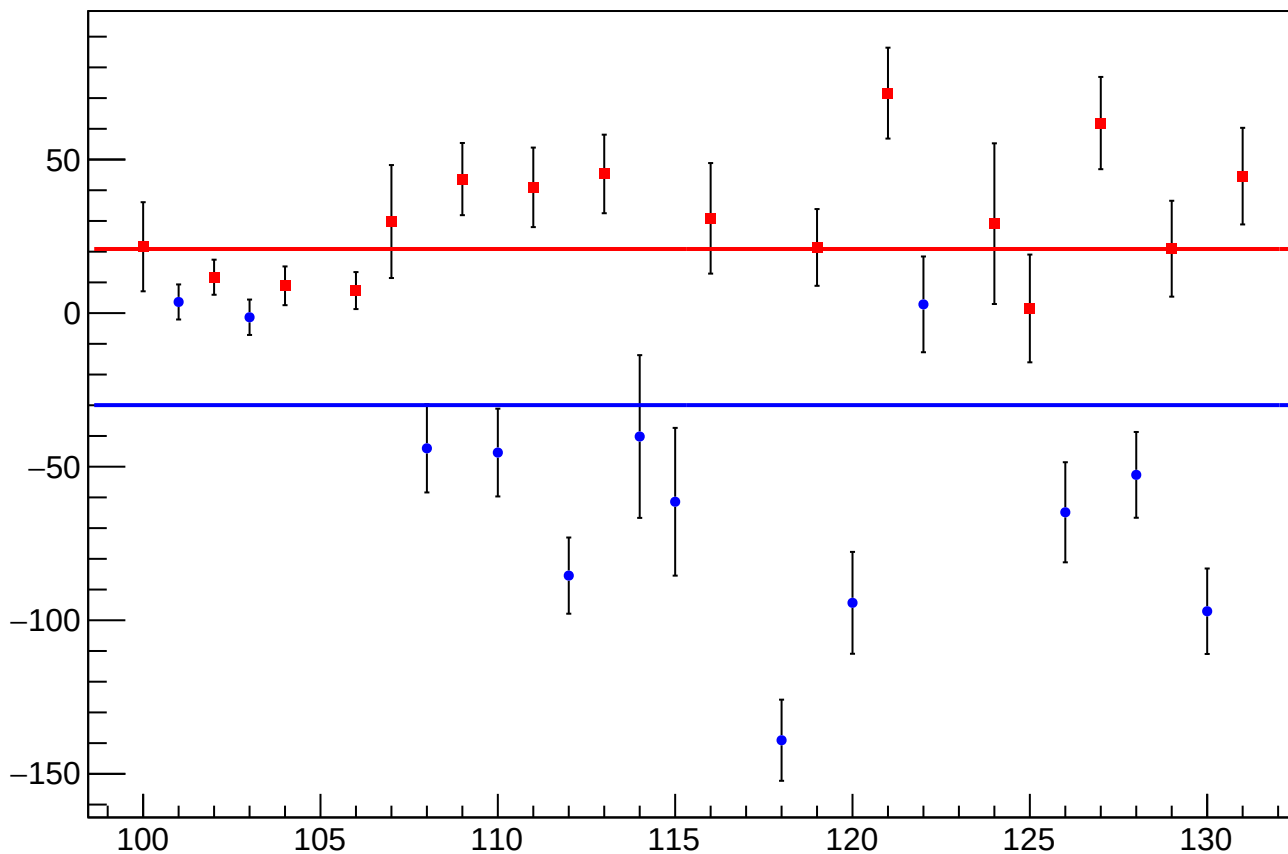
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2513.048+/-0.903 χ^2/NDF : 12441964.1/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l04X_mean vs Slug



Right In: -29.956 $\pm$ 3.046 χ^2 /NDF: 201.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.875 $\pm$ 2.656 χ^2 /NDF: 44.4/15

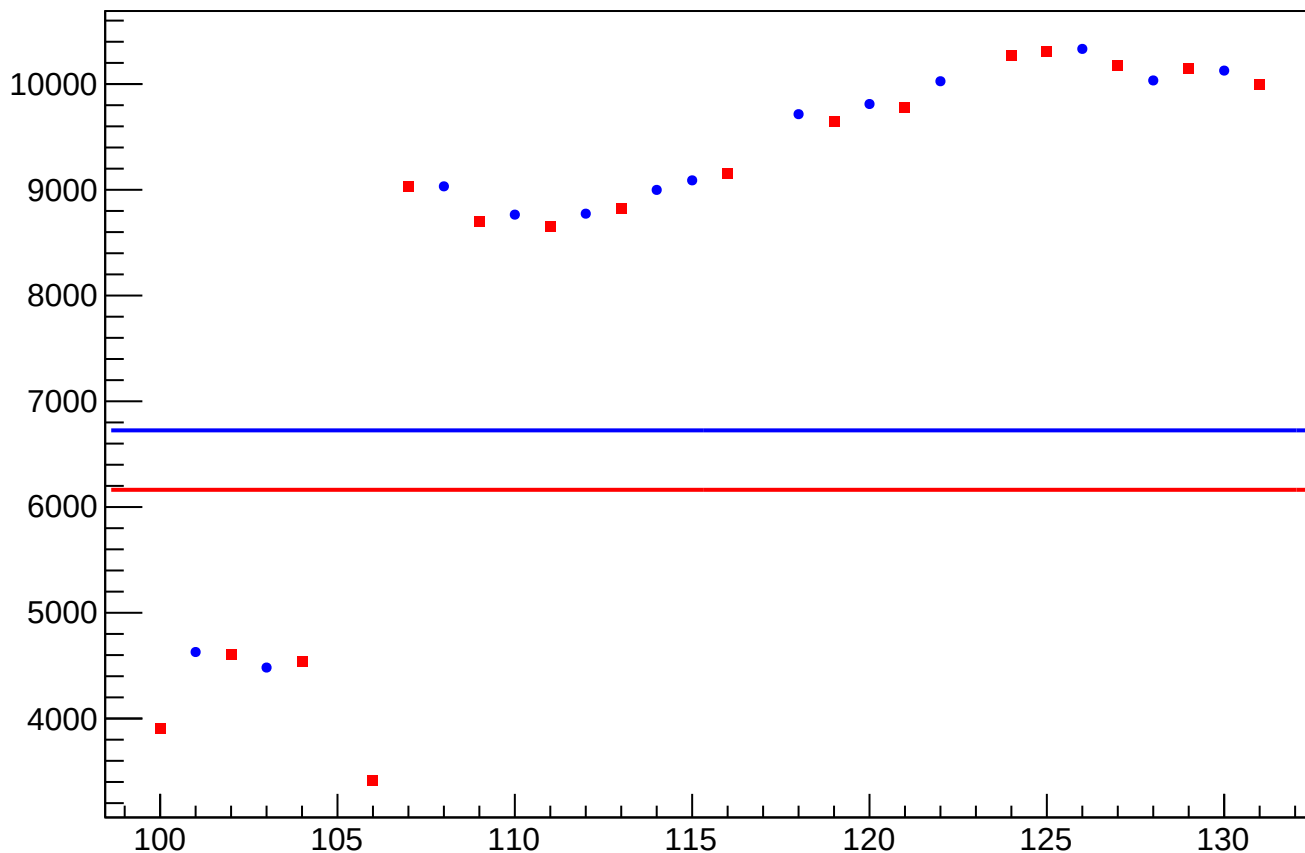
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.074 $\pm$ 2.002 χ^2 /NDF: 404.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l04X_rms vs Slug



Right In: 6725.048+/-2.154 χ^2/NDF : 1345133.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

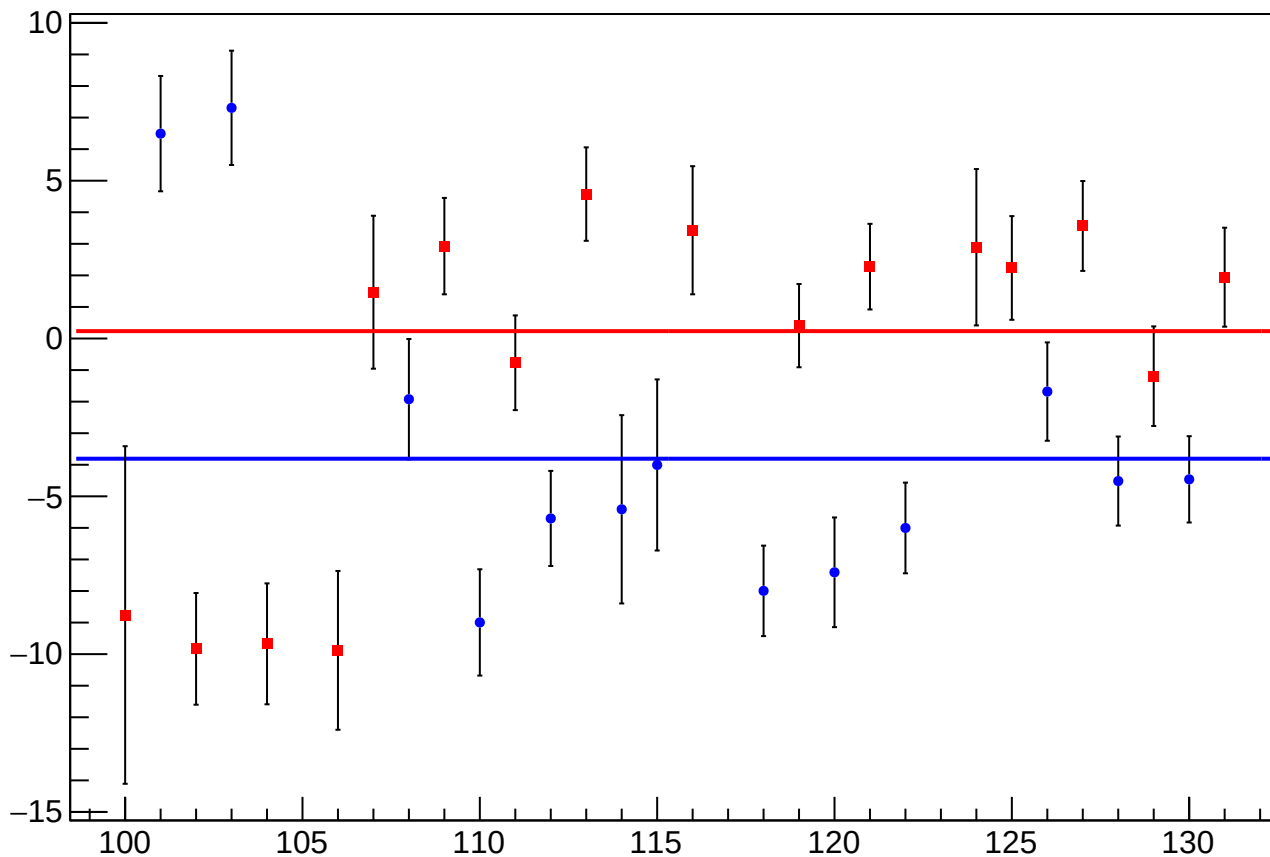
Right Out: 6162.886+/-1.878 χ^2/NDF : 1930934.7/15

All: 6405.628+/-1.416 χ^2/NDF : 3314764.6/28

- 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: -3.808+/-0.463 χ^2/NDF : 99.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.234+/-0.427 χ^2/NDF : 105.4/15

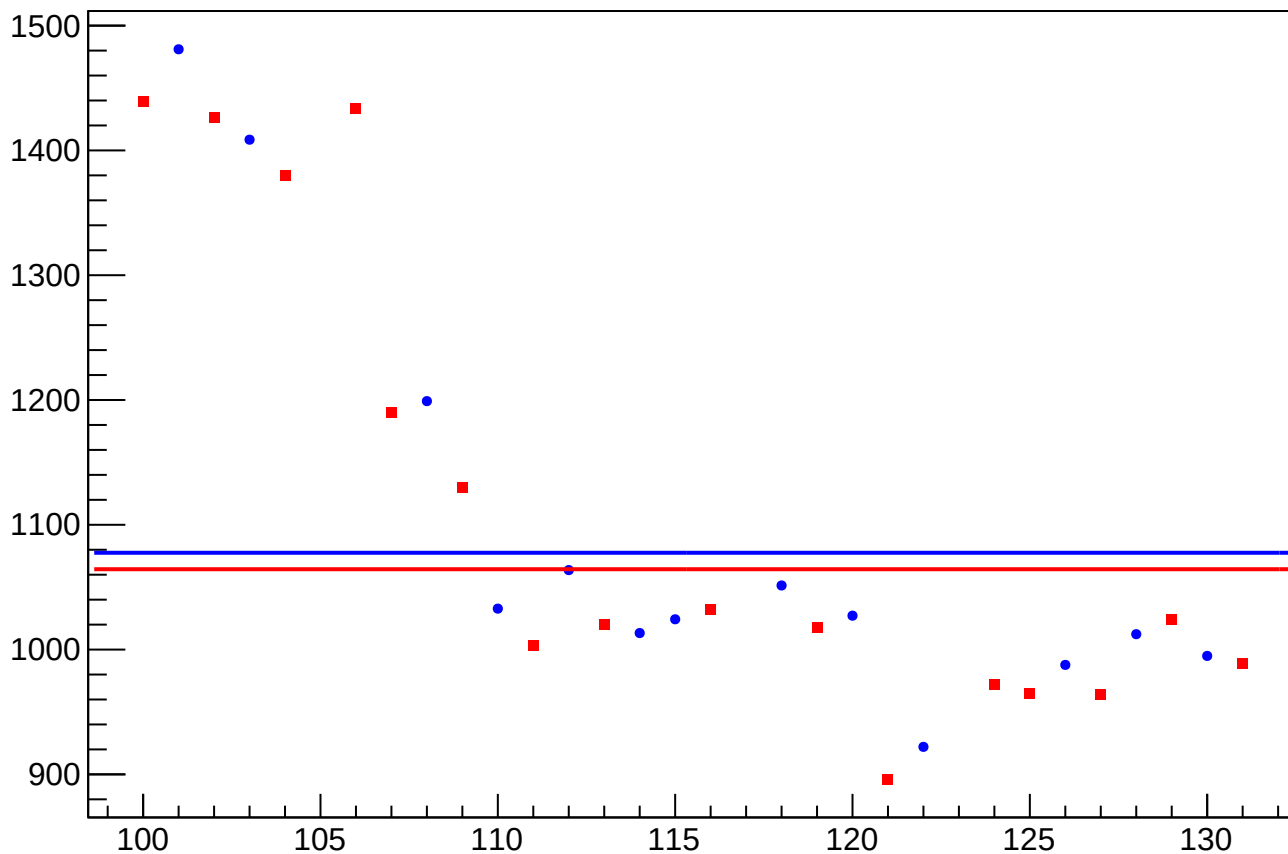
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.626+/-0.314 χ^2/NDF : 245.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l04Y_rms vs Slug



Right In: 1077.586 $\pm$ 0.327 χ^2 /NDF: 219762.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1064.396 $\pm$ 0.302 χ^2 /NDF: 265109.8/15

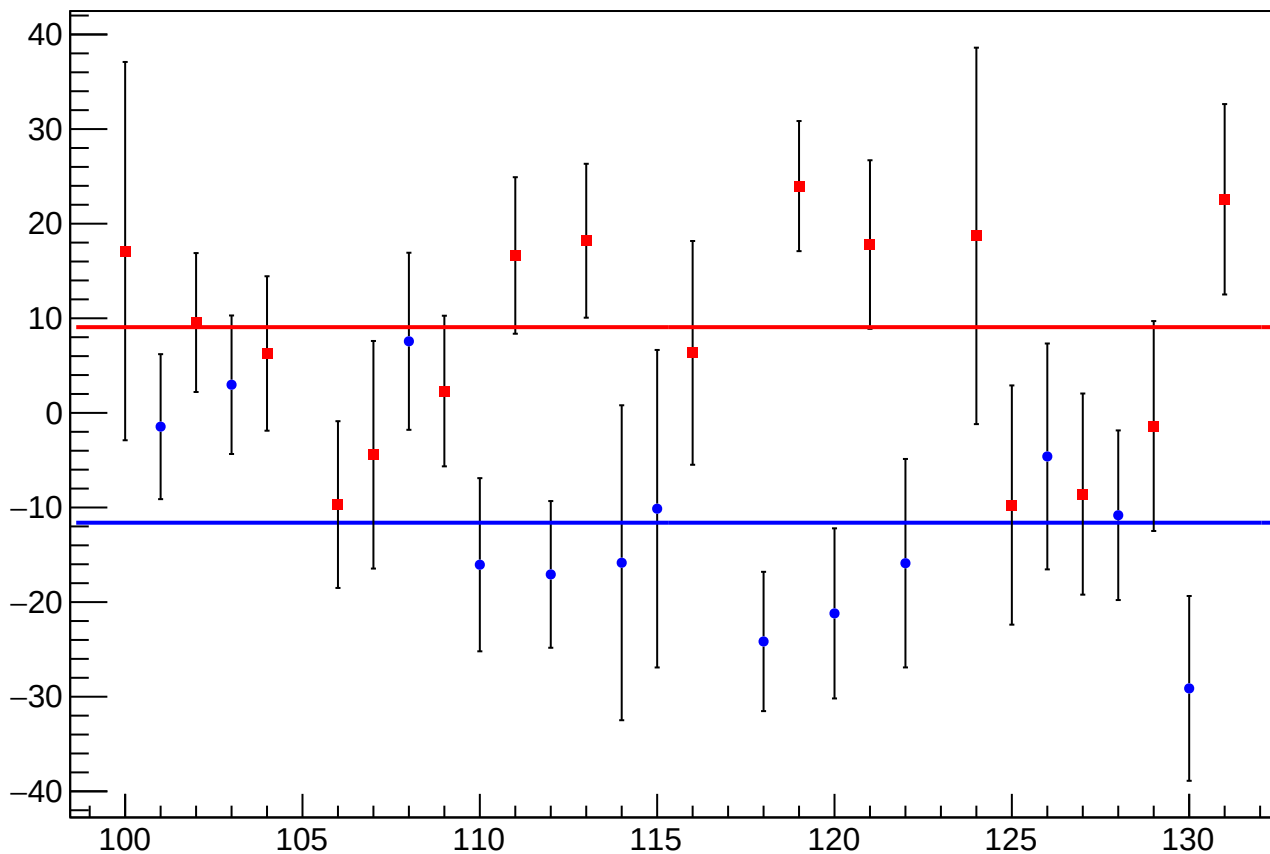
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1070.465 $\pm$ 0.222 χ^2 /NDF: 485750.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l05X_mean vs Slug



Right In: -11.608 ± 2.566 $\chi^2/\text{NDF}: 18.5/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 9.063 ± 2.371 $\chi^2/\text{NDF}: 22.5/15$

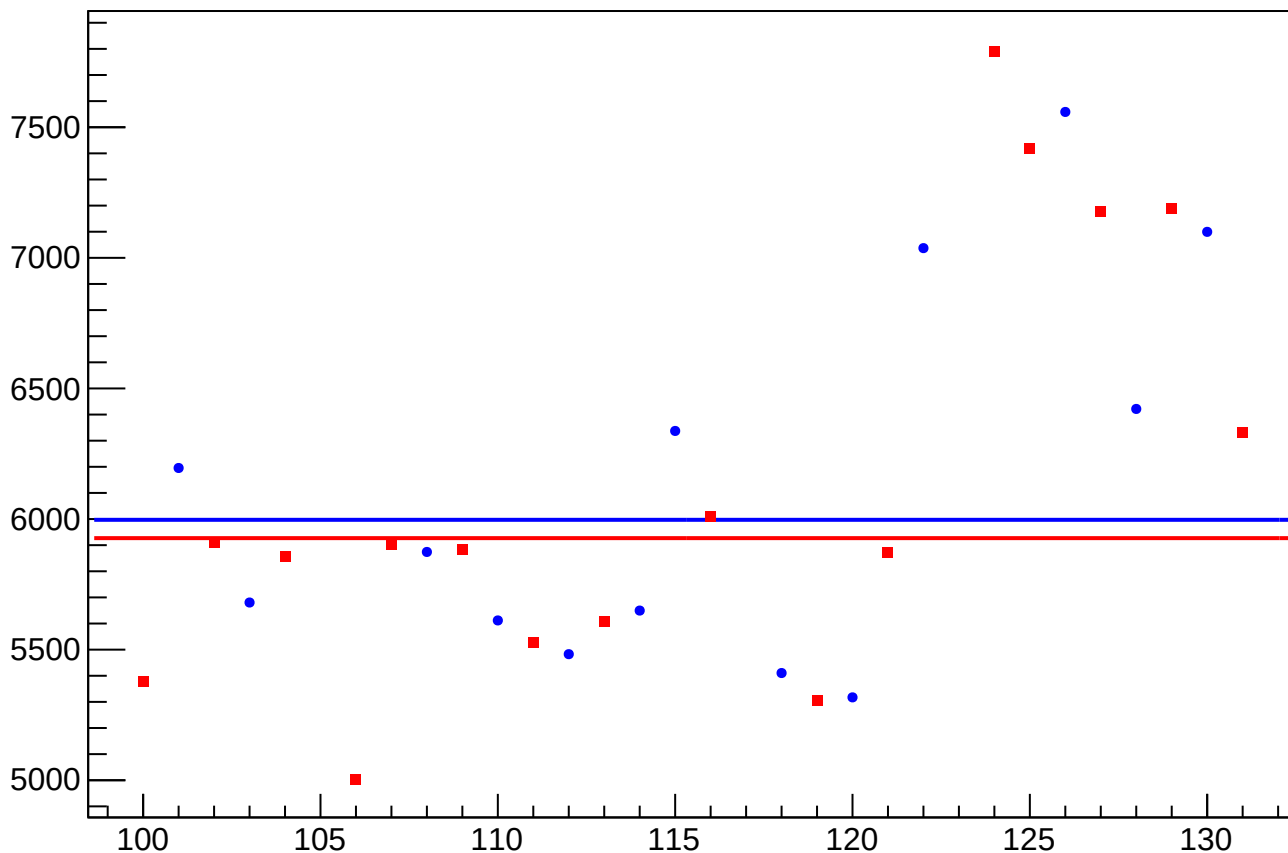
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.456 ± 1.742 $\chi^2/\text{NDF}: 76.0/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm0l05X_rms vs Slug



Right In: 5997.059+/-1.815 χ^2/NDF : 125606.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5926.907+/-1.677 χ^2/NDF : 150007.7/15

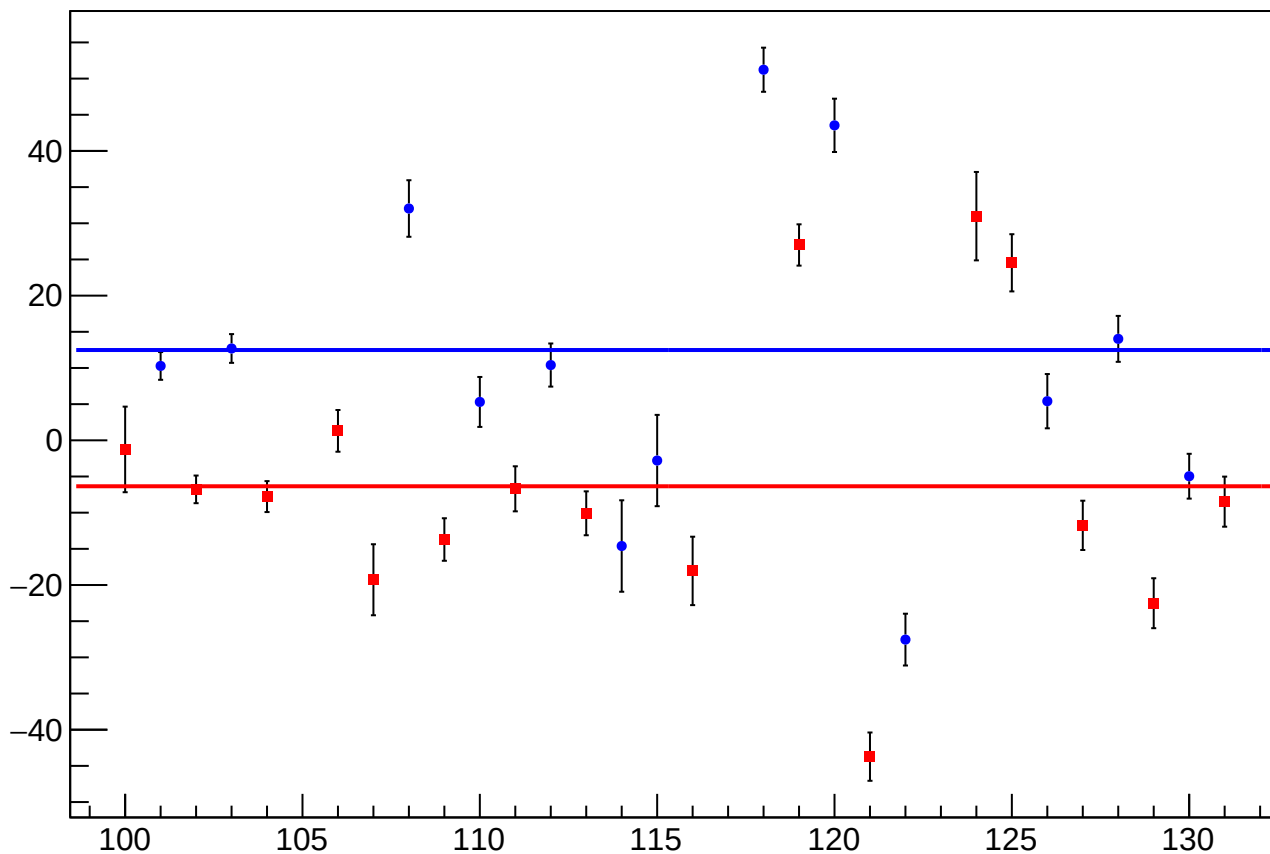
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5959.213+/-1.231 χ^2/NDF : 276420.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l05Y_mean vs Slug



Right In: 12.482 $\pm$ 0.854 χ^2 /NDF: 448.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -6.350 $\pm$ 0.788 χ^2 /NDF: 414.2/15

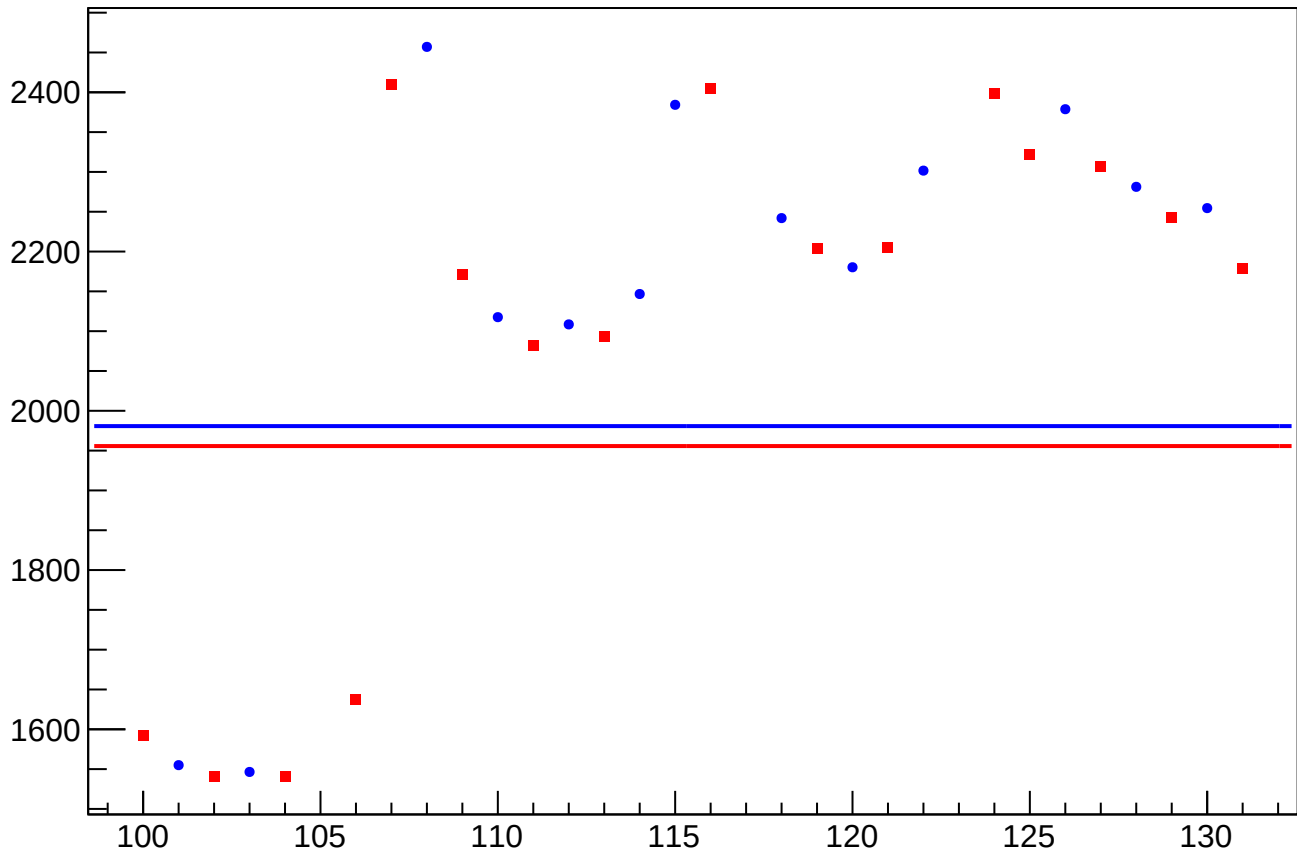
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.305 $\pm$ 0.579 χ^2 /NDF: 1125.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l05Y_rms vs Slug



Right In: 1980.779+/-0.604 χ^2/NDF : 332829.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

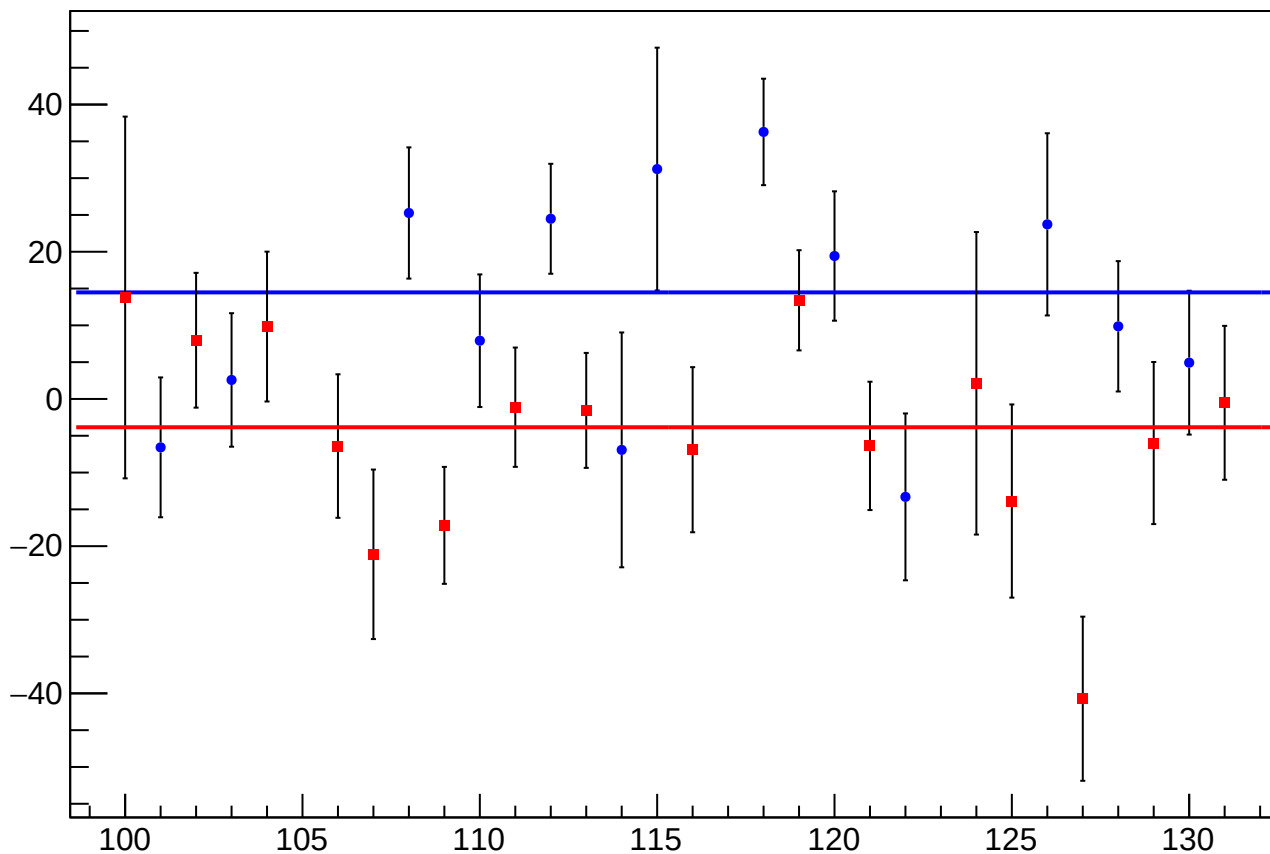
Right Out: 1955.711+/-0.557 χ^2/NDF : 352249.3/15

All: 1967.232+/-0.409 χ^2/NDF : 686009.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l06X_mean vs Slug



Right In: 14.478 $\pm$ 2.642 χ^2/NDF : 30.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -3.846 $\pm$ 2.461 χ^2/NDF : 27.6/15

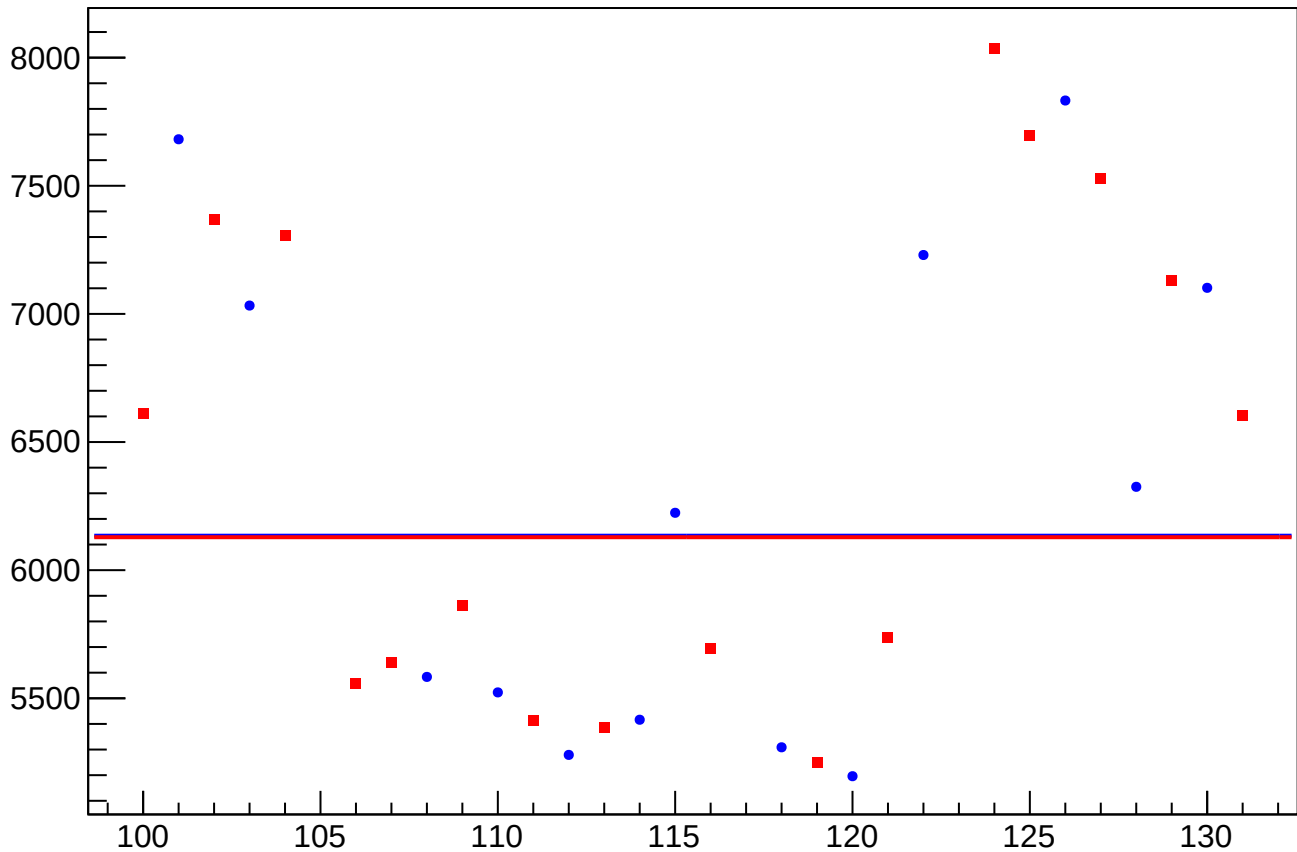
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 4.669 $\pm$ 1.801 χ^2/NDF : 83.8/28

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_bpm0l06X_rms vs Slug



Right In: 6134.465 $\pm$ 1.868 χ^2 /NDF: 245578.7/12

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

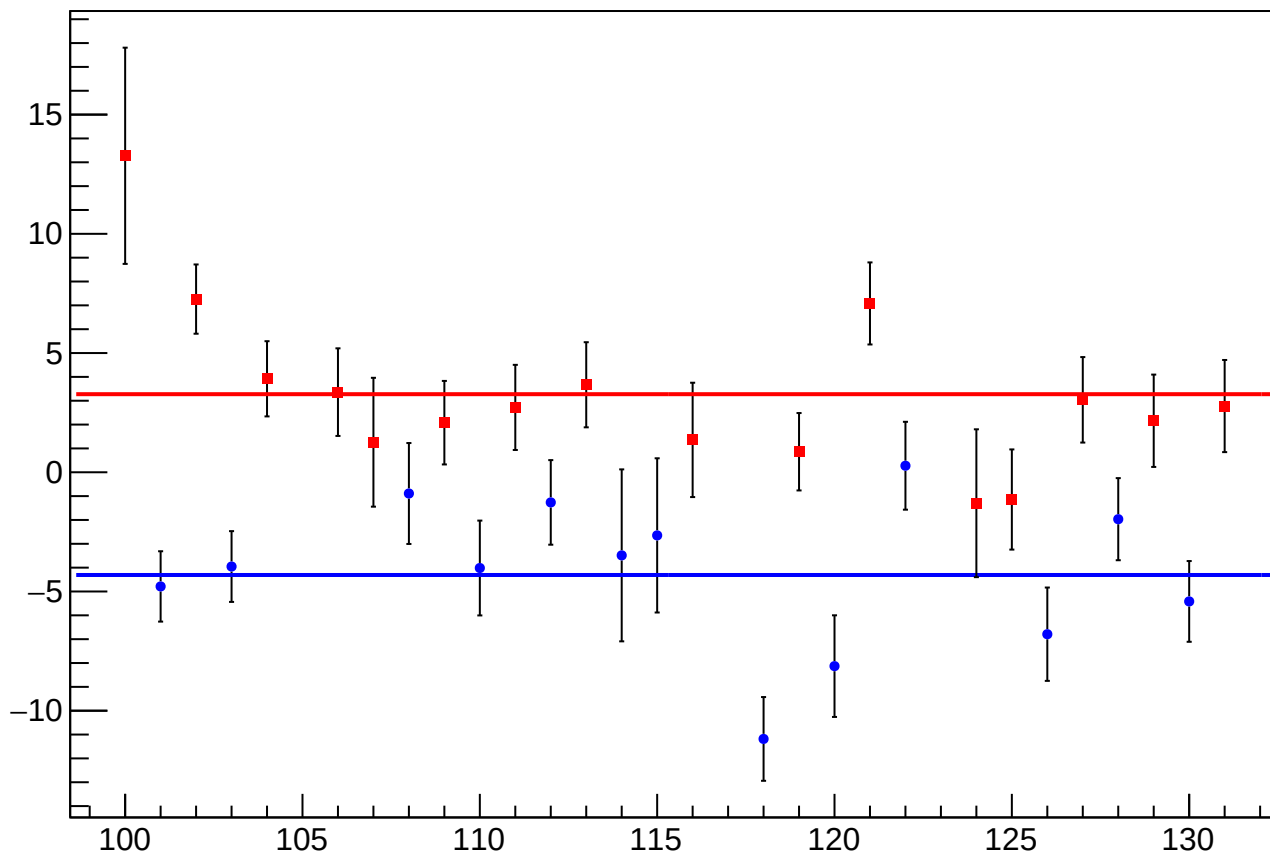
Right Out: 6128.583 $\pm$ 1.740 χ^2 /NDF: 248880.4/15

All: 6131.316 $\pm$ 1.273 χ^2 /NDF: 494464.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l06Y_mean vs Slug



Right In: -4.308+/-0.522 χ^2/NDF : 34.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.275+/-0.478 χ^2/NDF : 28.5/15

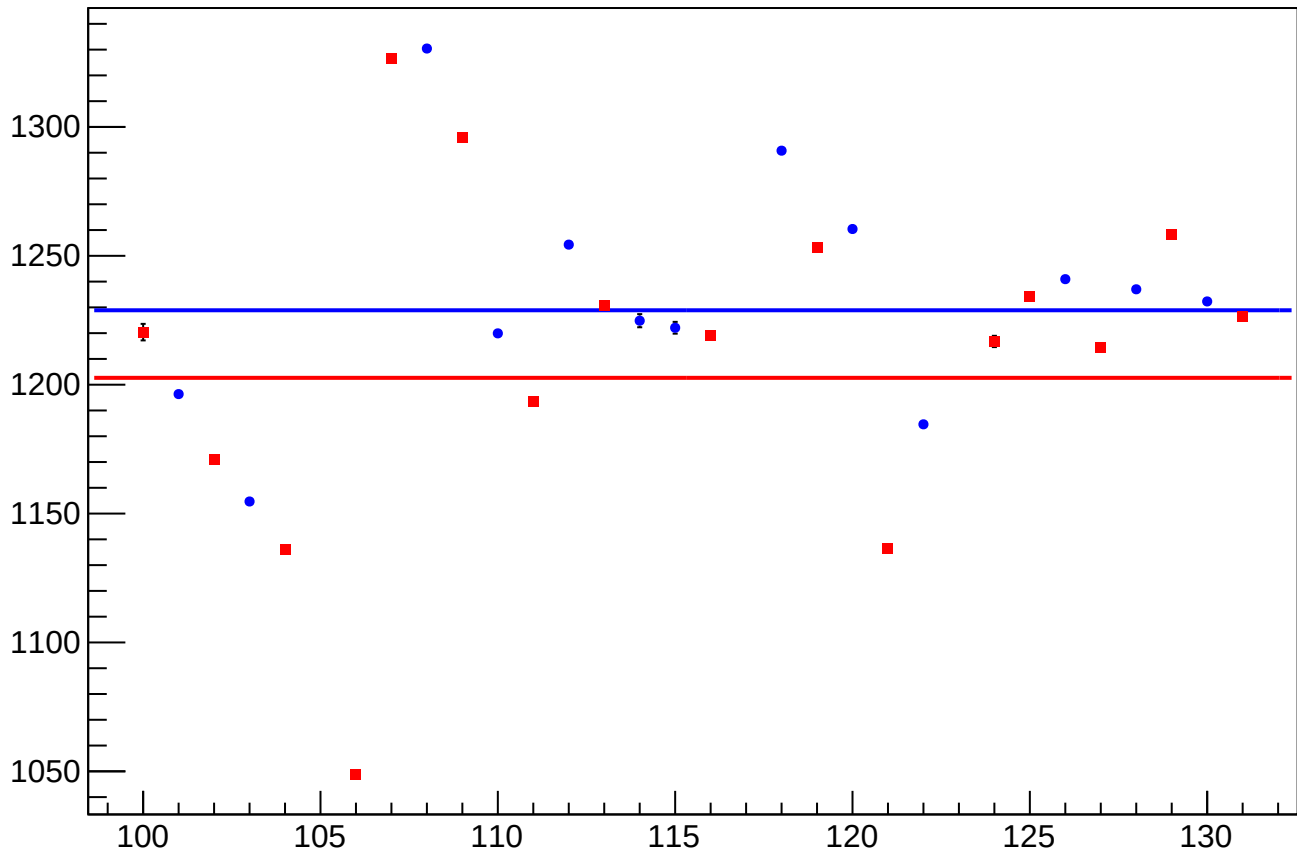
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.180+/-0.353 χ^2/NDF : 177.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l06Y_rms vs Slug



Right In: 1228.875+/-0.369 χ^2/NDF : 15244.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1202.664+/-0.338 χ^2/NDF : 36534.6/15

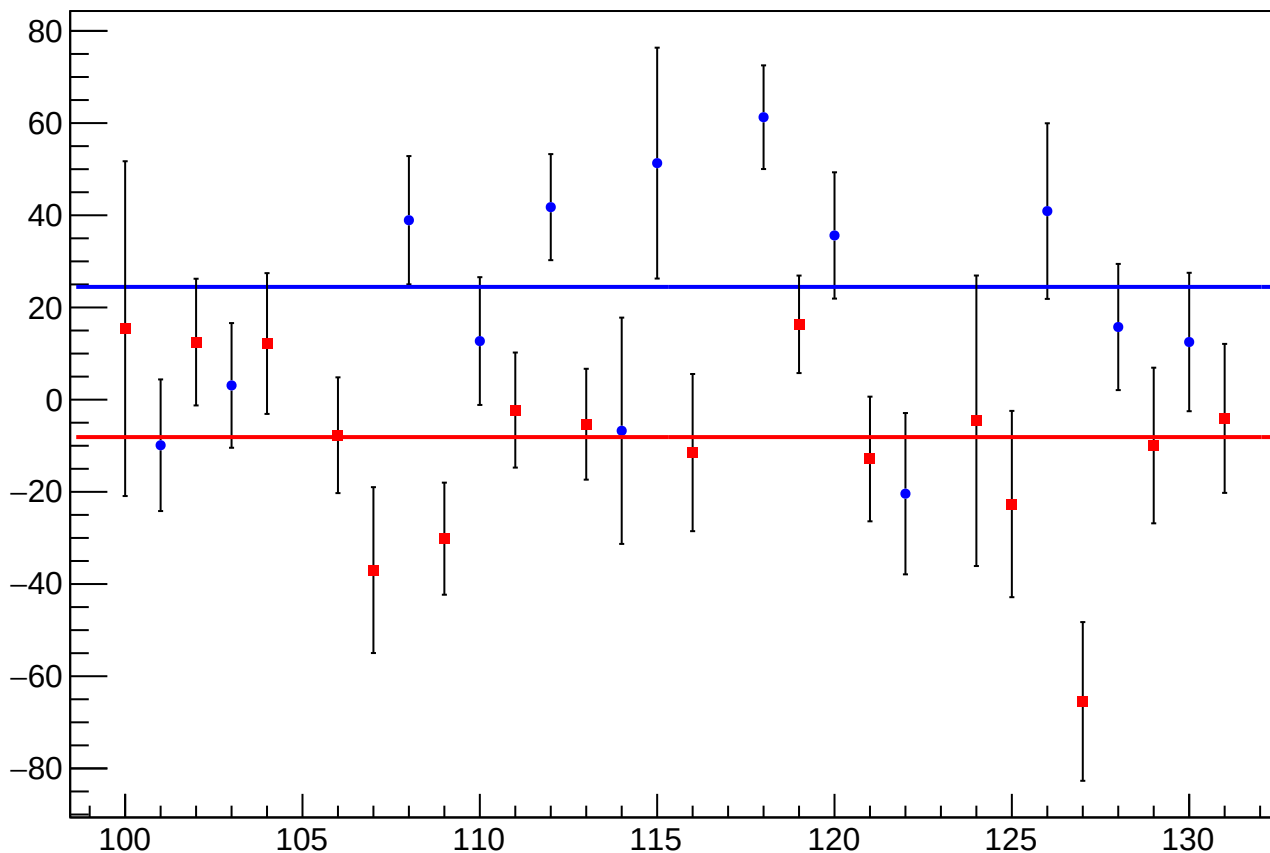
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1214.608+/-0.249 χ^2/NDF : 54521.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l07X_mean vs Slug



Right In: 24.462 $\pm$ 4.063 χ^2 /NDF: 34.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.119 $\pm$ 3.730 χ^2 /NDF: 27.8/15

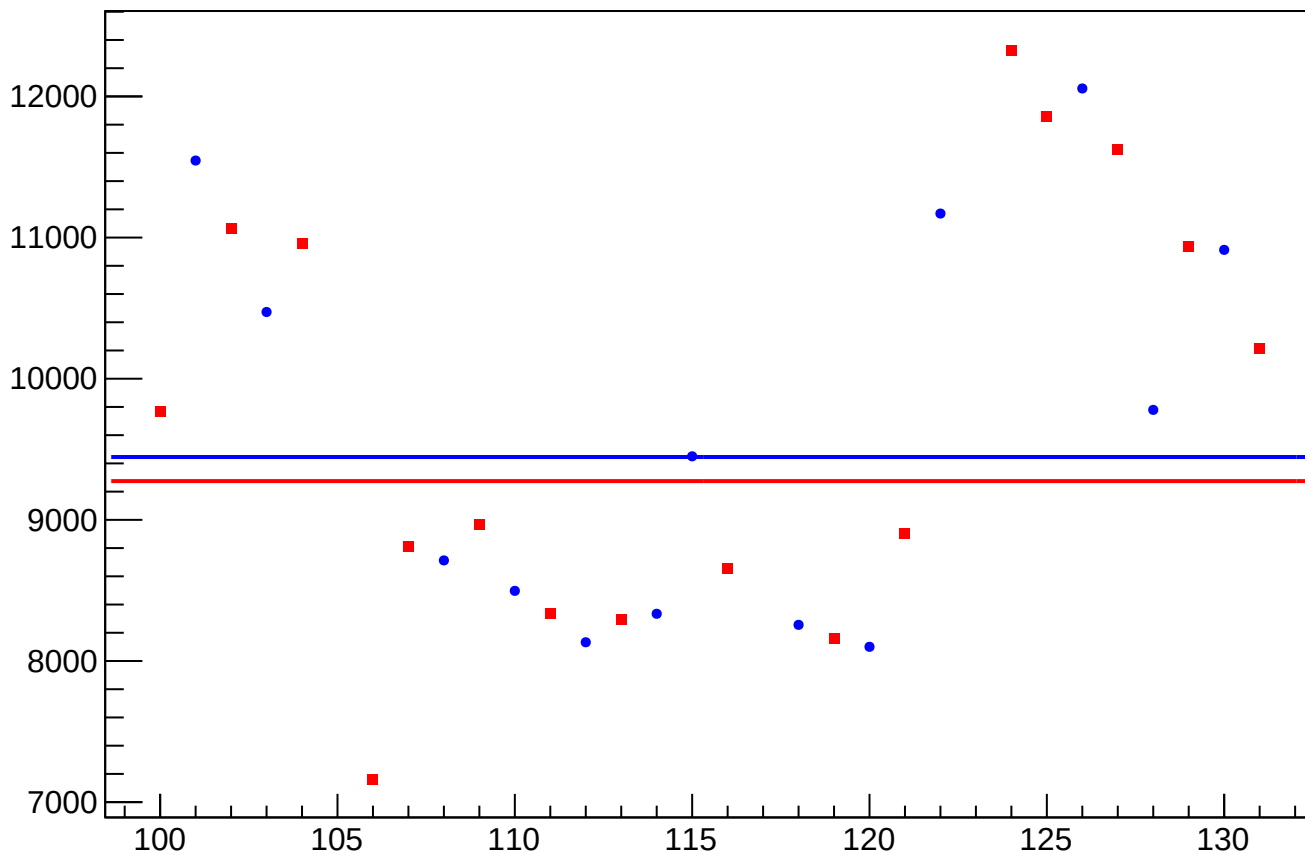
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.781 $\pm$ 2.748 χ^2 /NDF: 97.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l07X_rms vs Slug



Right In: 9445.244+/-2.873 χ^2/NDF : 218789.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

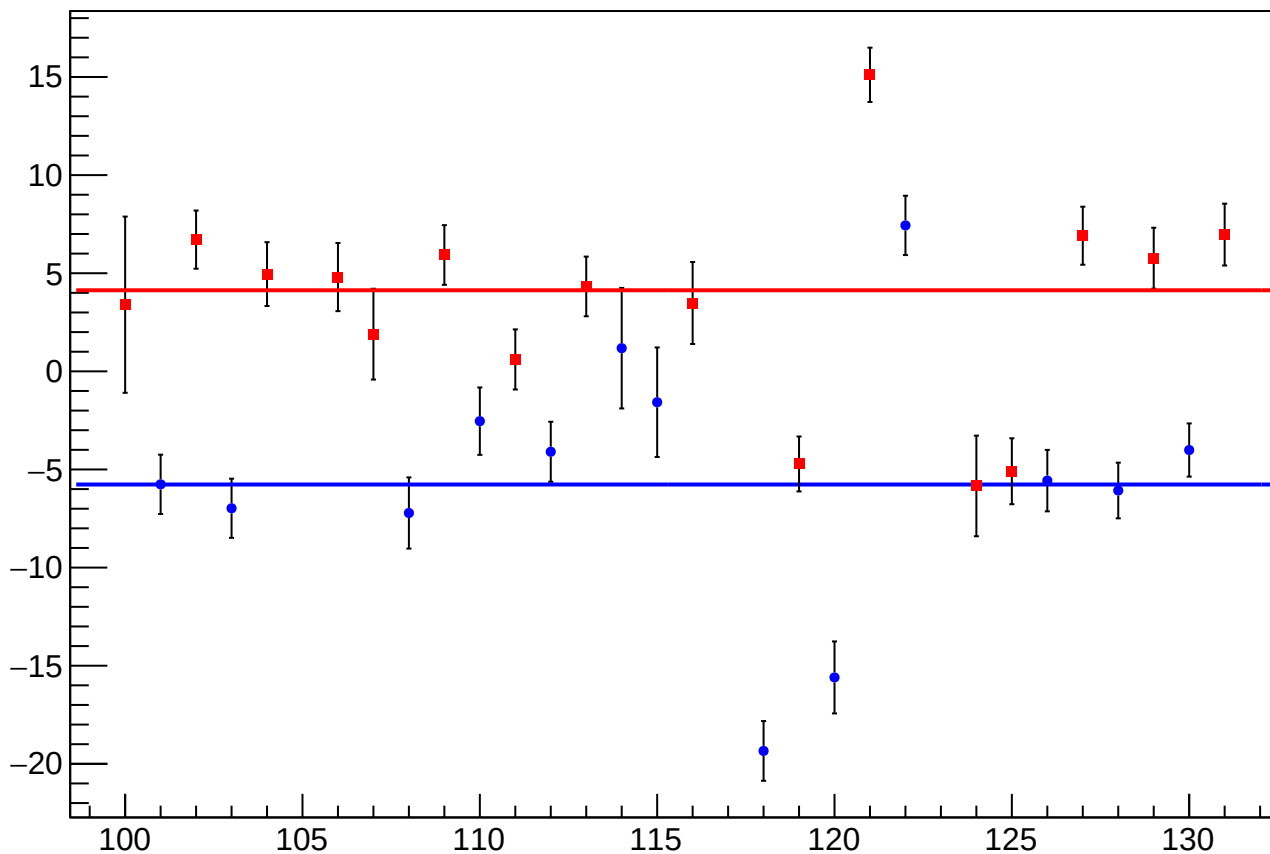
Right Out: 9274.607+/-2.637 χ^2/NDF : 283636.2/15

All: 9352.643+/-1.943 χ^2/NDF : 504340.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l07Y_mean vs Slug



Right In: -5.767+/-0.457 χ^2/NDF : 199.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.131+/-0.418 χ^2/NDF : 167.3/15

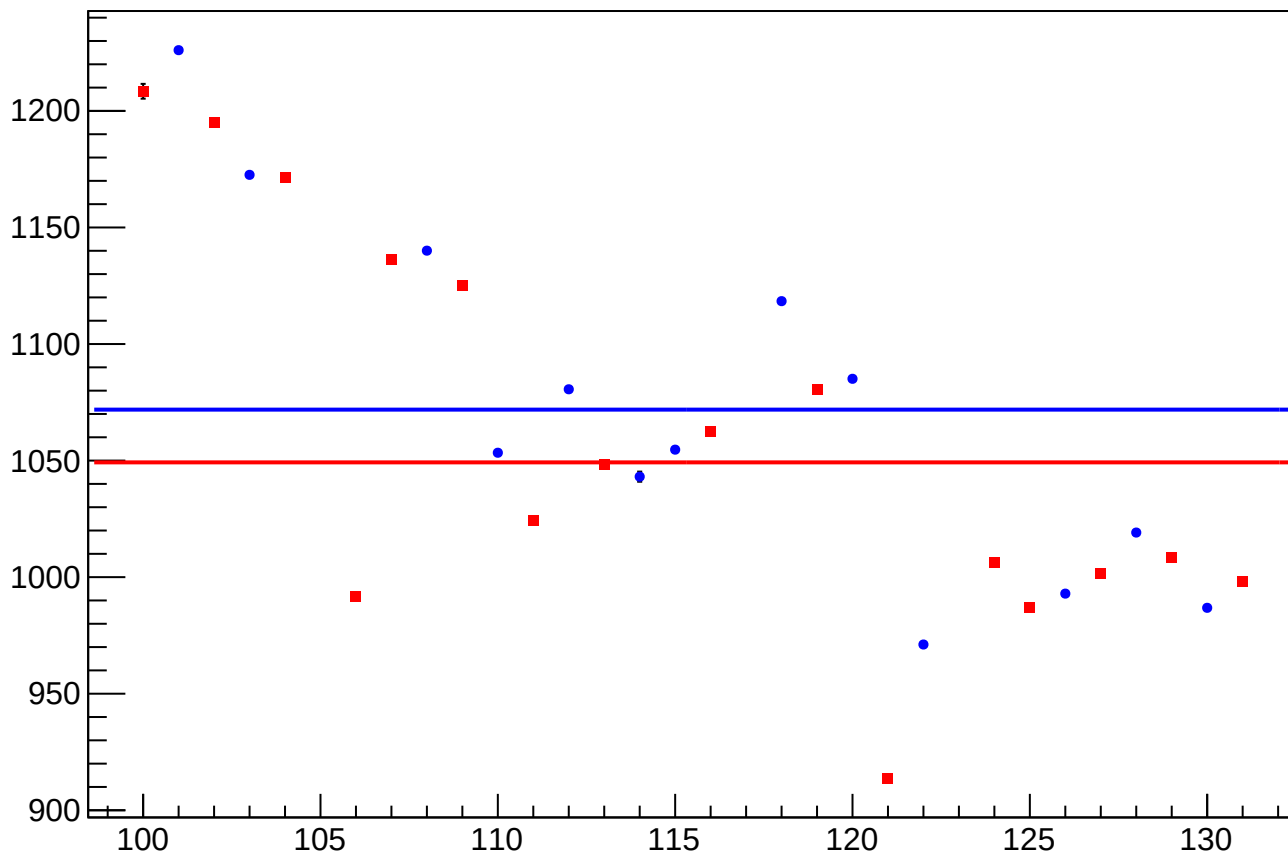
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.377+/-0.308 χ^2/NDF : 623.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l07Y_rms vs Slug



Right In: 1071.863+/-0.323 χ^2/NDF : 59678.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1049.236+/-0.295 χ^2/NDF : 72888.1/15

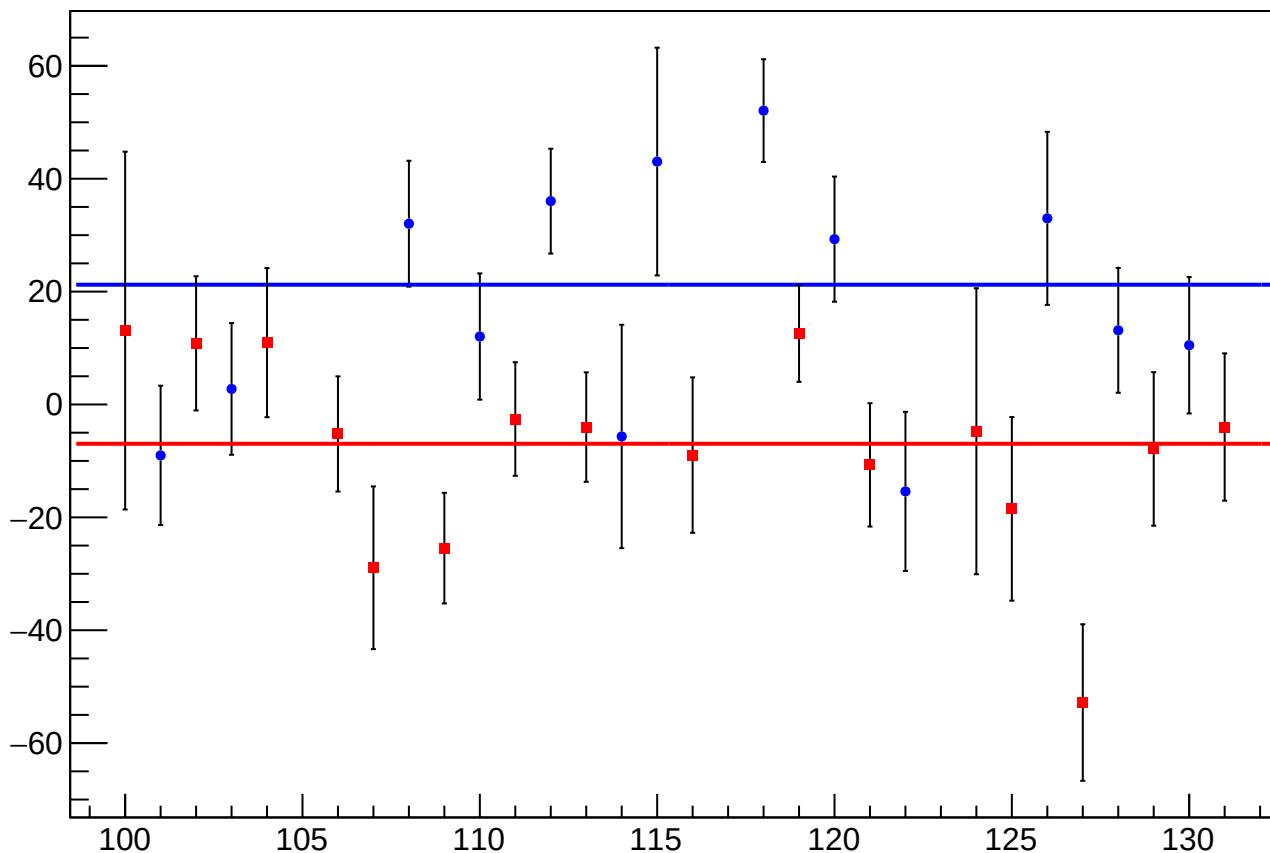
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1059.542+/-0.218 χ^2/NDF : 135241.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l08X_mean vs Slug



Right In: 21.221 $\pm$ 3.315 χ^2/NDF : 36.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -6.960 $\pm$ 3.040 χ^2/NDF : 27.5/15

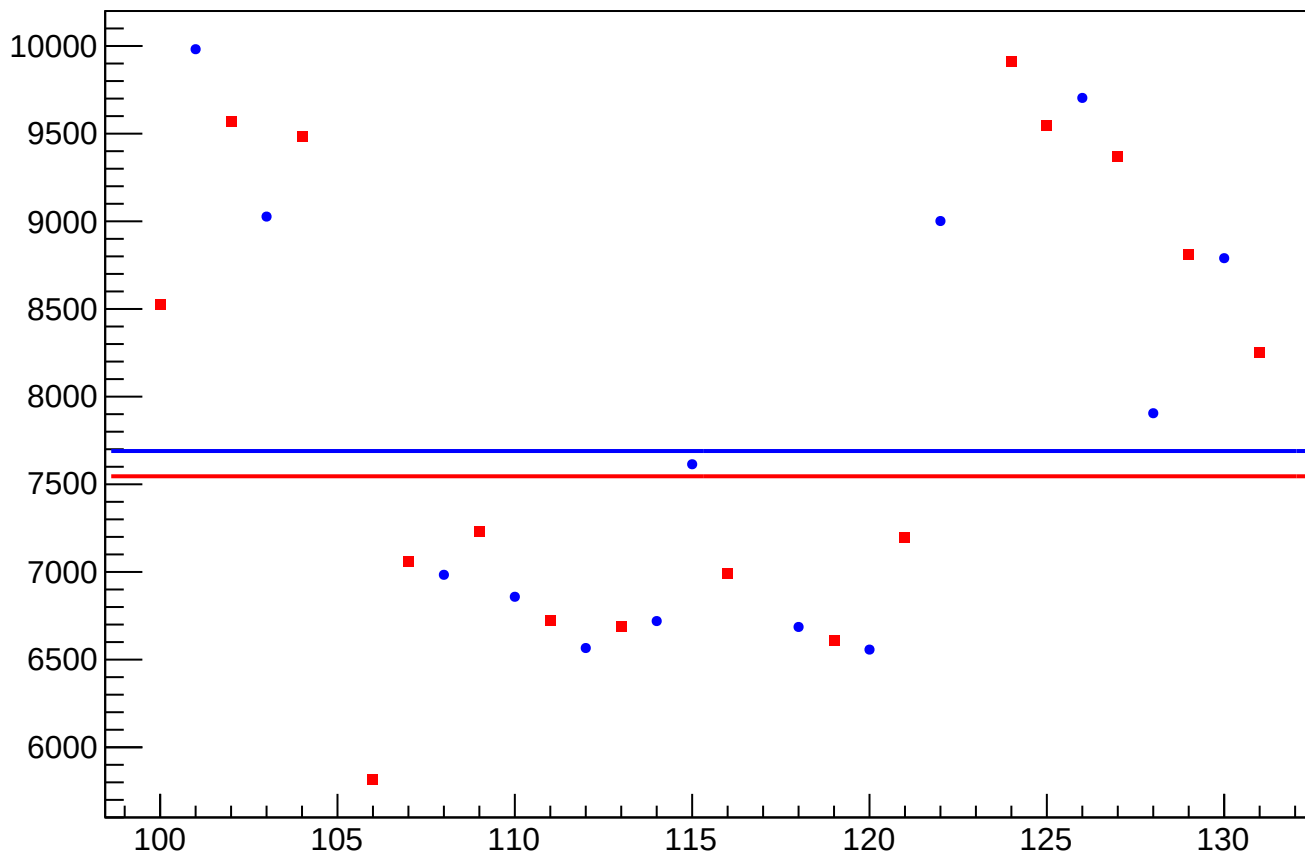
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 5.914 $\pm$ 2.240 χ^2/NDF : 103.1/28

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_bpm0l08X_rms vs Slug



Right In: 7689.799+/-2.344 χ^2/NDF : 262652.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

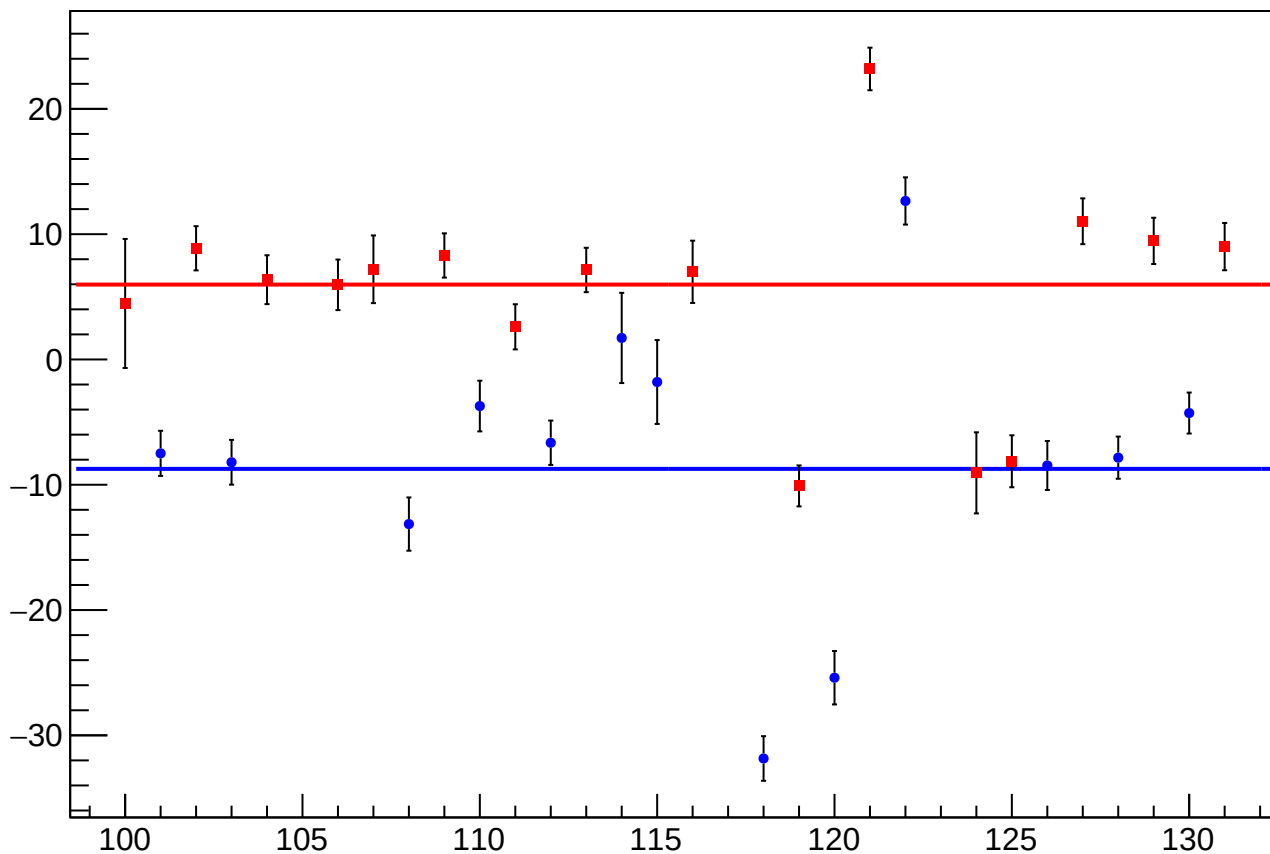
Right Out: 7545.709+/-2.149 χ^2/NDF : 328180.9/15

All: 7611.535+/-1.584 χ^2/NDF : 592886.8/28

- 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: -8.733+/-0.544 χ^2/NDF : 391.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.977+/-0.498 χ^2/NDF : 289.8/15

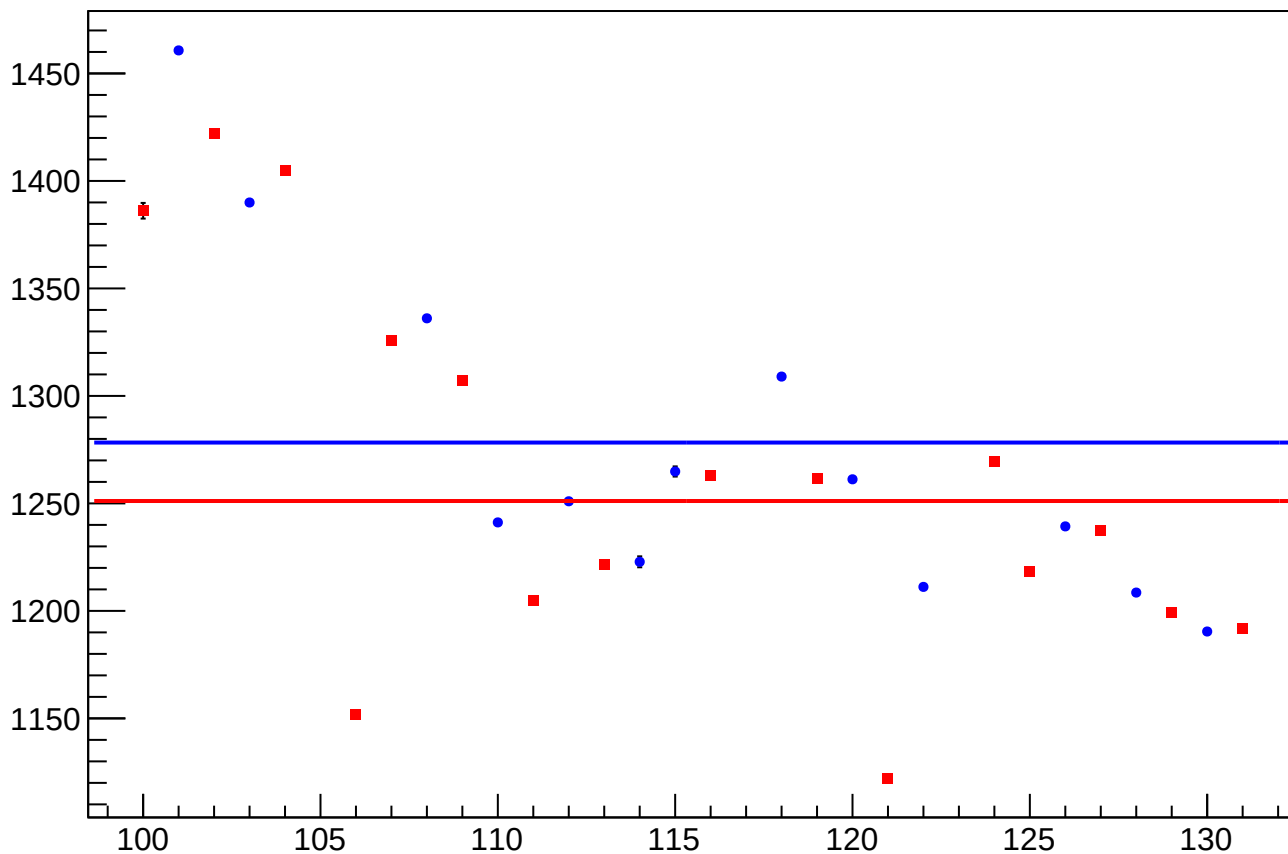
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.725+/-0.367 χ^2/NDF : 1078.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l08Y_rms vs Slug



Right In: 1278.305+/-0.385 χ^2/NDF : 44716.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1251.114+/-0.352 χ^2/NDF : 58790.0/15

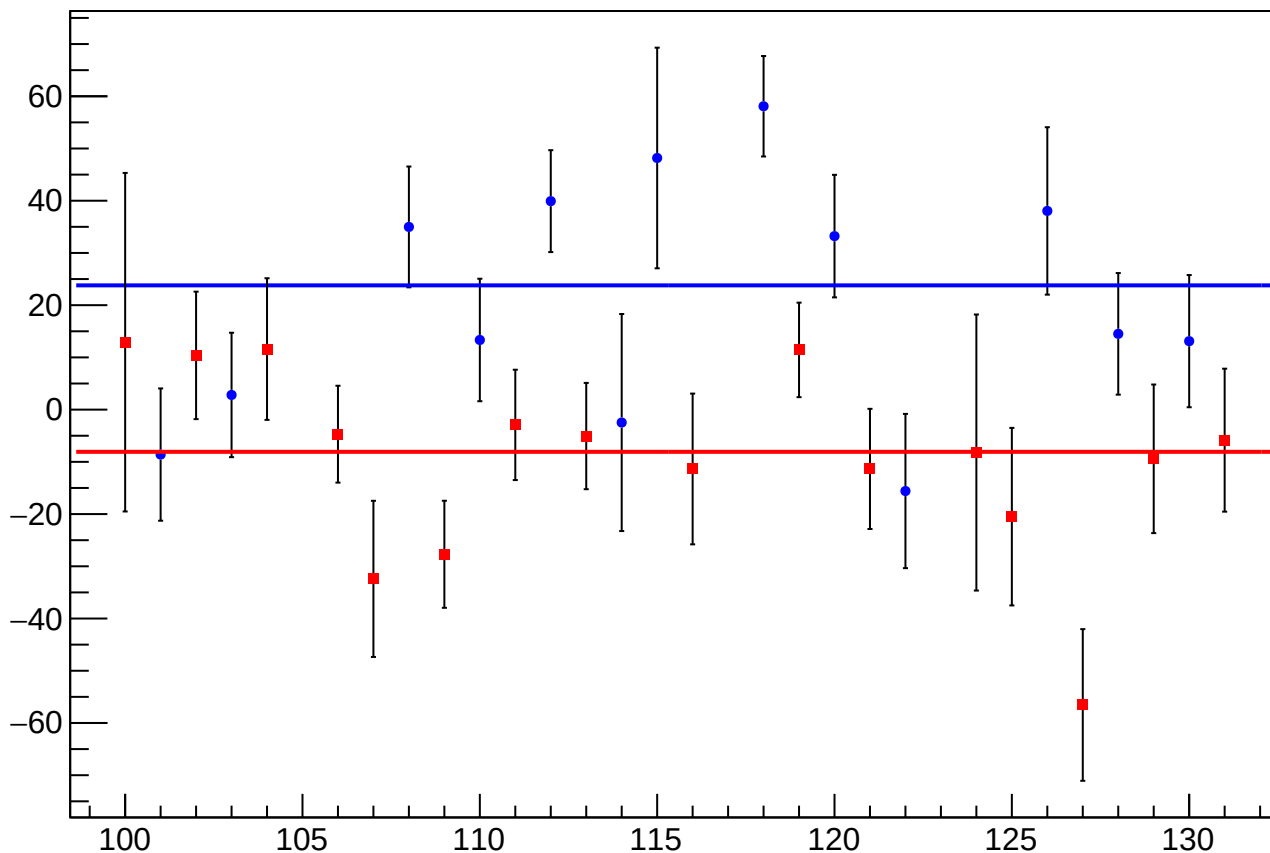
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1263.502+/-0.260 χ^2/NDF : 106226.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l09X_mean vs Slug



Right In: 23.793+/-3.466 χ^2 /NDF: 39.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -8.079+/-3.134 χ^2 /NDF: 28.1/15

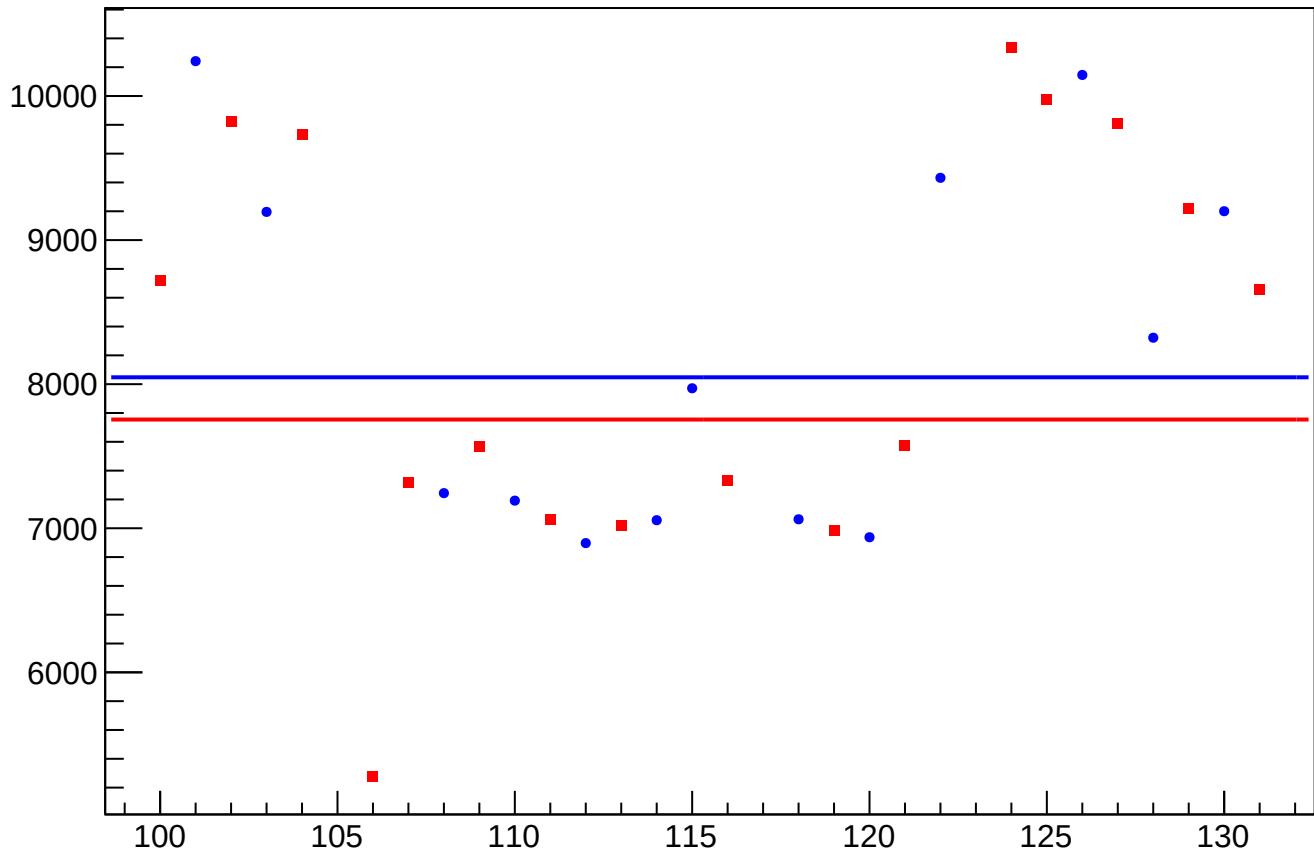
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 6.259+/-2.324 χ^2 /NDF: 114.3/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm0l09X_rms vs Slug



Right In: 8047.731+/-2.450 χ^2/NDF : 239798.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

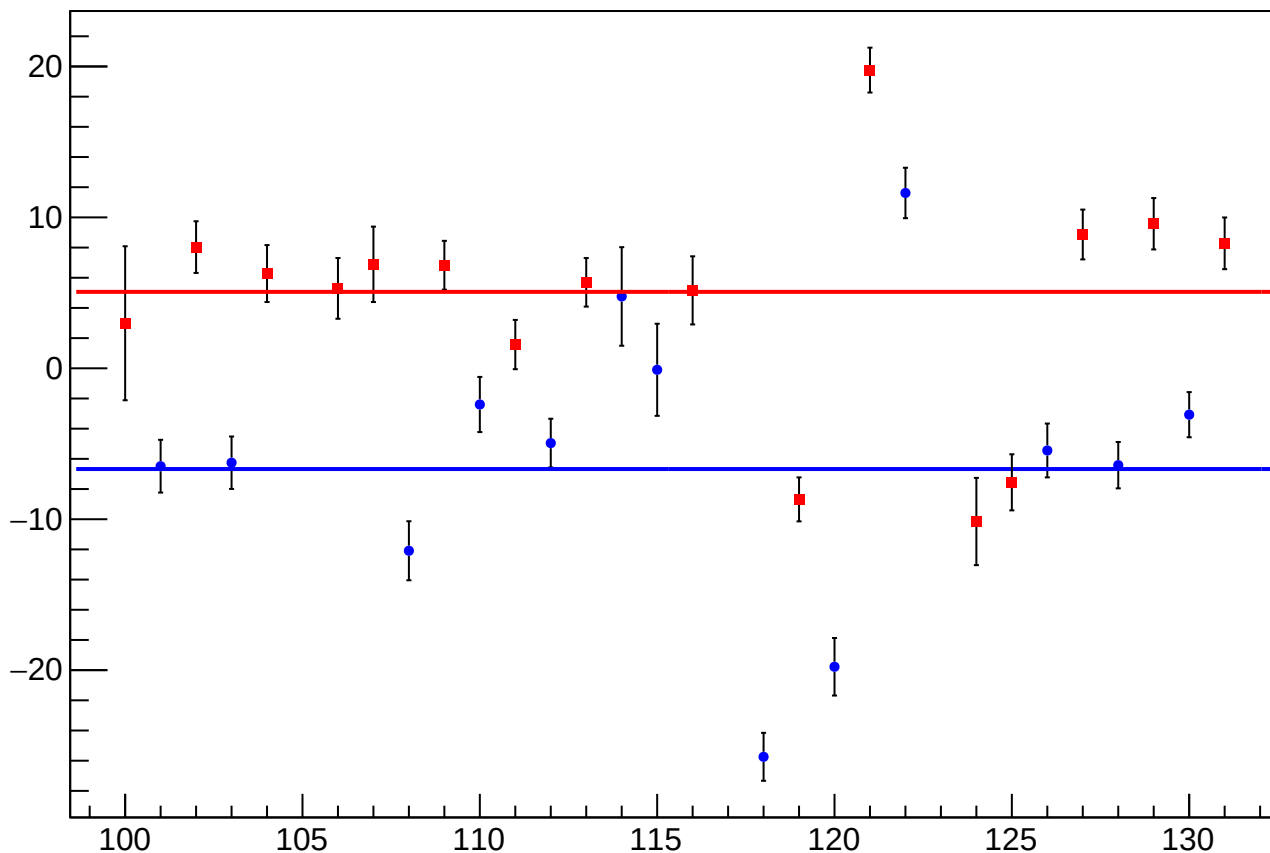
Right Out: 7754.563+/-2.216 χ^2/NDF : 406375.8/15

All: 7886.447+/-1.644 χ^2/NDF : 654048.8/28

- 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: -6.674+/-0.499 χ^2 /NDF: 348.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 5.066+/-0.457 χ^2 /NDF: 286.5/15

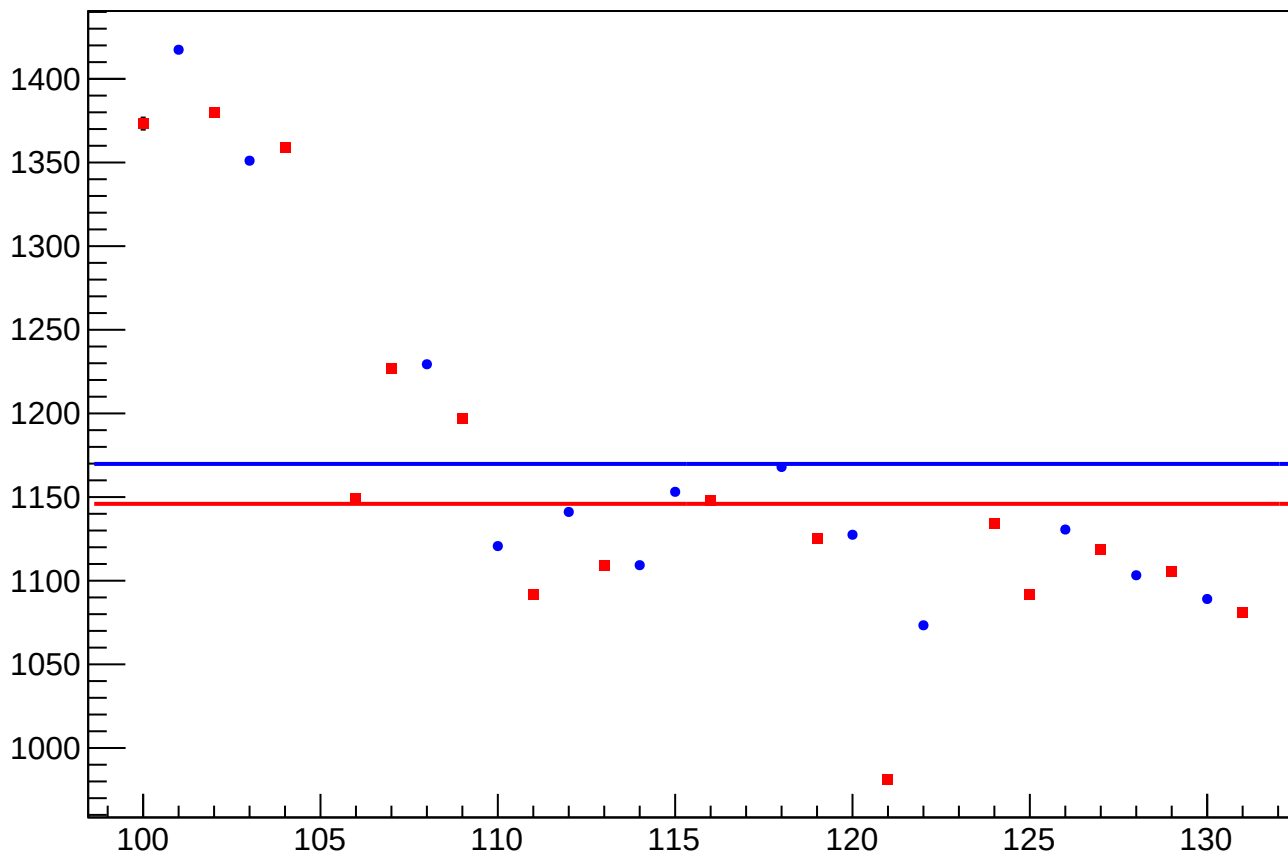
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.288+/-0.337 χ^2 /NDF: 936.3/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm0l09Y_rms vs Slug



Right In: 1169.813 $\pm$ 0.353 χ^2 /NDF: 84776.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1145.953 $\pm$ 0.323 χ^2 /NDF: 105425.0/15

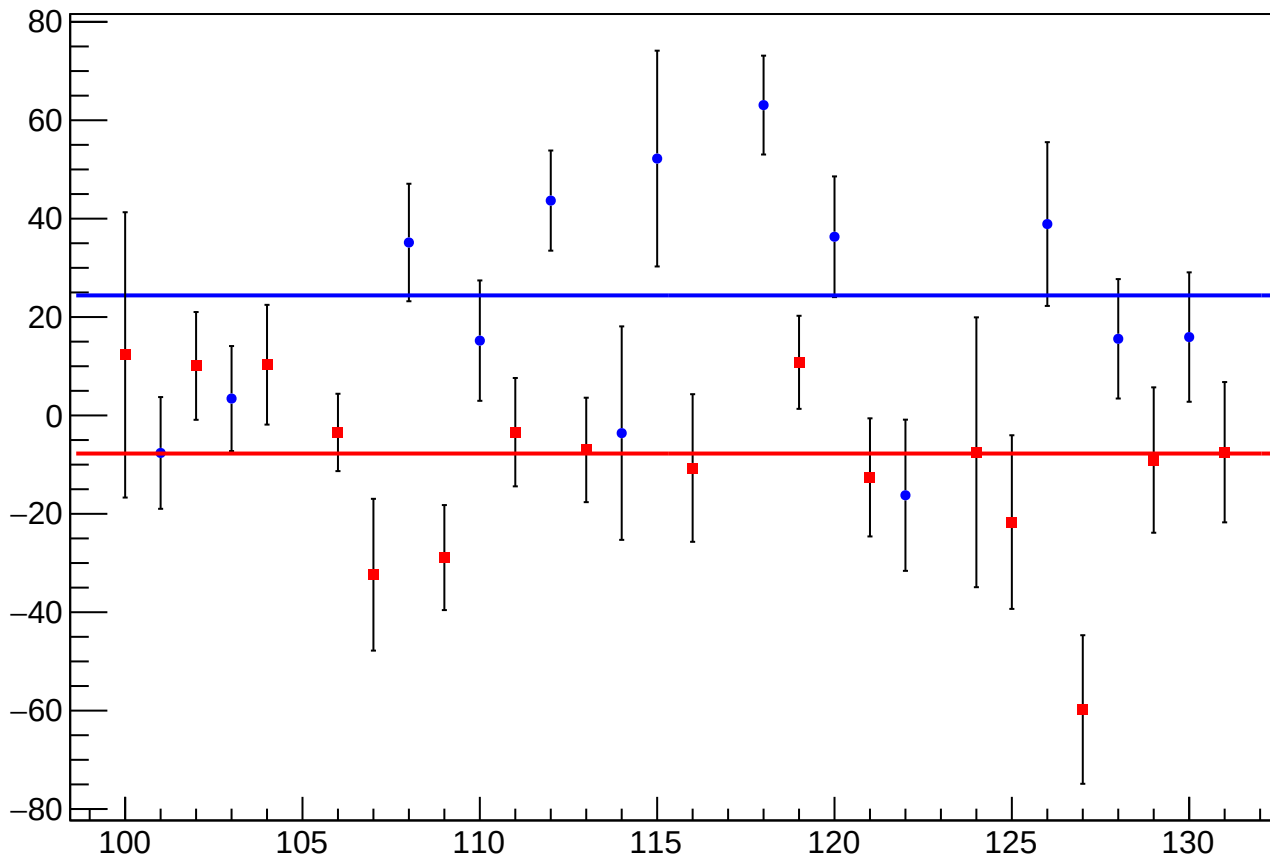
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1156.835 $\pm$ 0.238 χ^2 /NDF: 192690.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l10X_mean vs Slug



Right In: 24.398 $\pm$ 3.513 χ^2 /NDF: 44.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -7.745 $\pm$ 3.108 χ^2 /NDF: 28.8/15

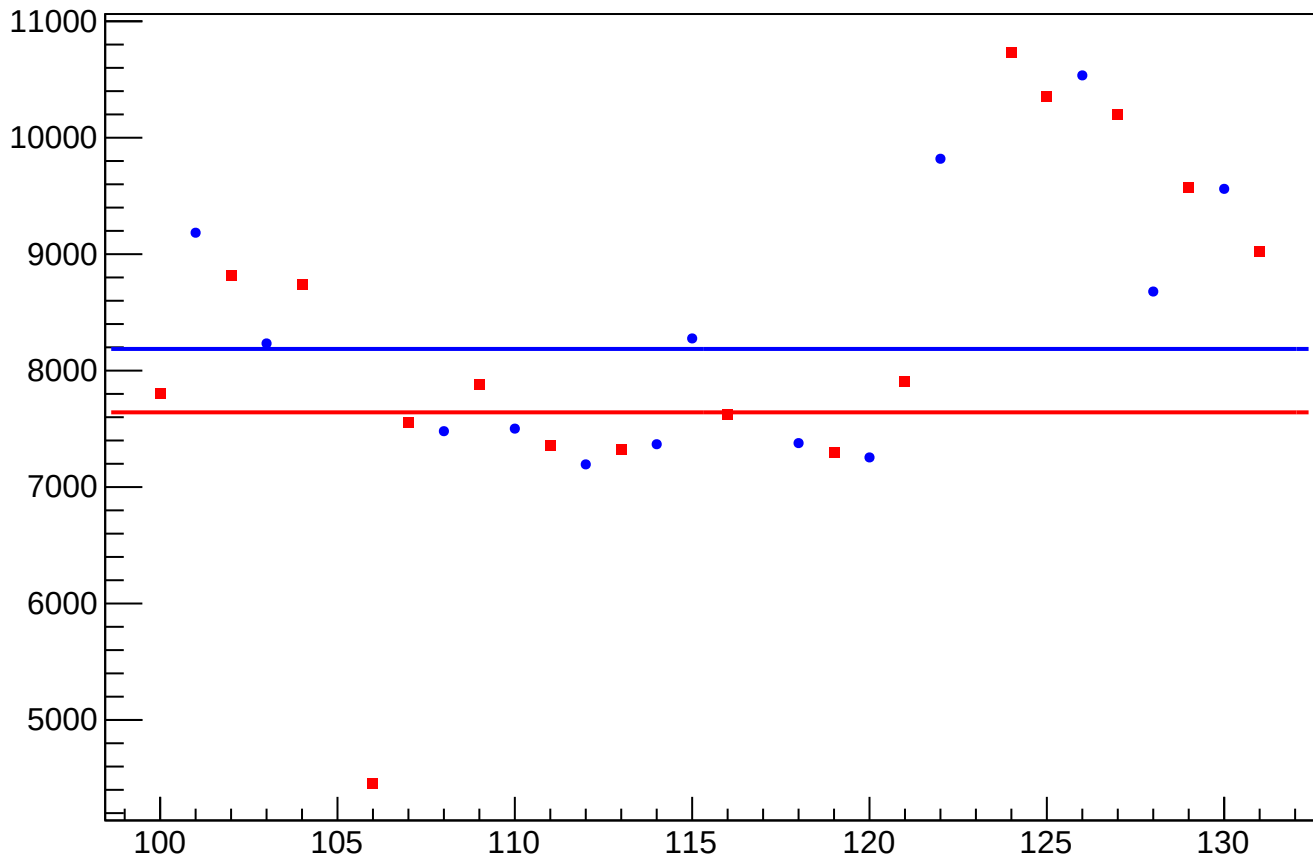
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.369 $\pm$ 2.328 χ^2 /NDF: 120.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l10X_rms vs Slug



Right In: 8186.183+/-2.484 χ^2/NDF : 162661.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7641.721+/-2.198 χ^2/NDF : 558628.8/15

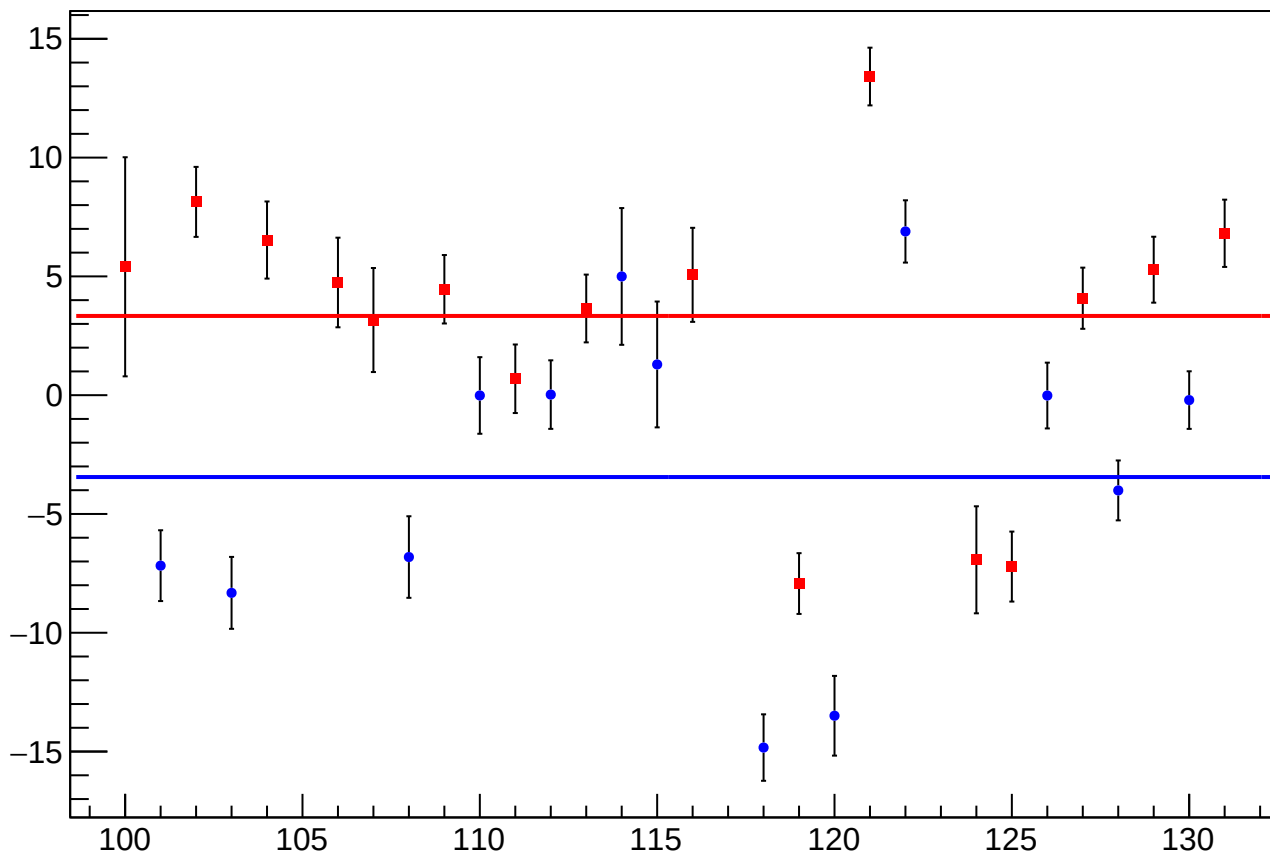
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7880.782+/-1.646 χ^2/NDF : 748243.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l10Y_mean vs Slug



Right In: -3.446 $\pm$ 0.421 χ^2 /NDF: 220.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.335 $\pm$ 0.388 χ^2 /NDF: 246.8/15

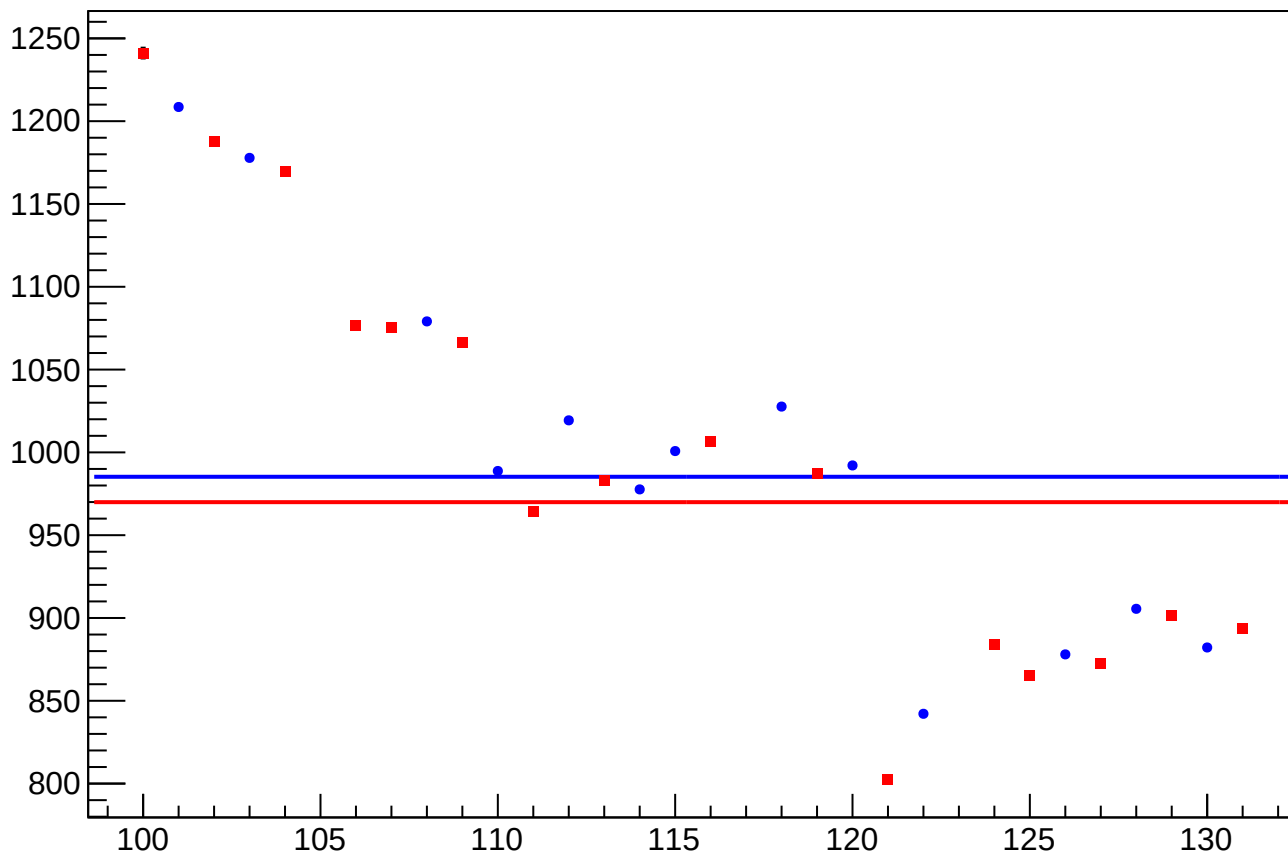
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.226 $\pm$ 0.285 χ^2 /NDF: 607.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l10Y_rms vs Slug



Right In: 985.270 $\pm$ 0.298 χ^2 /NDF: 144609.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 969.943 $\pm$ 0.274 χ^2 /NDF: 175091.8/15

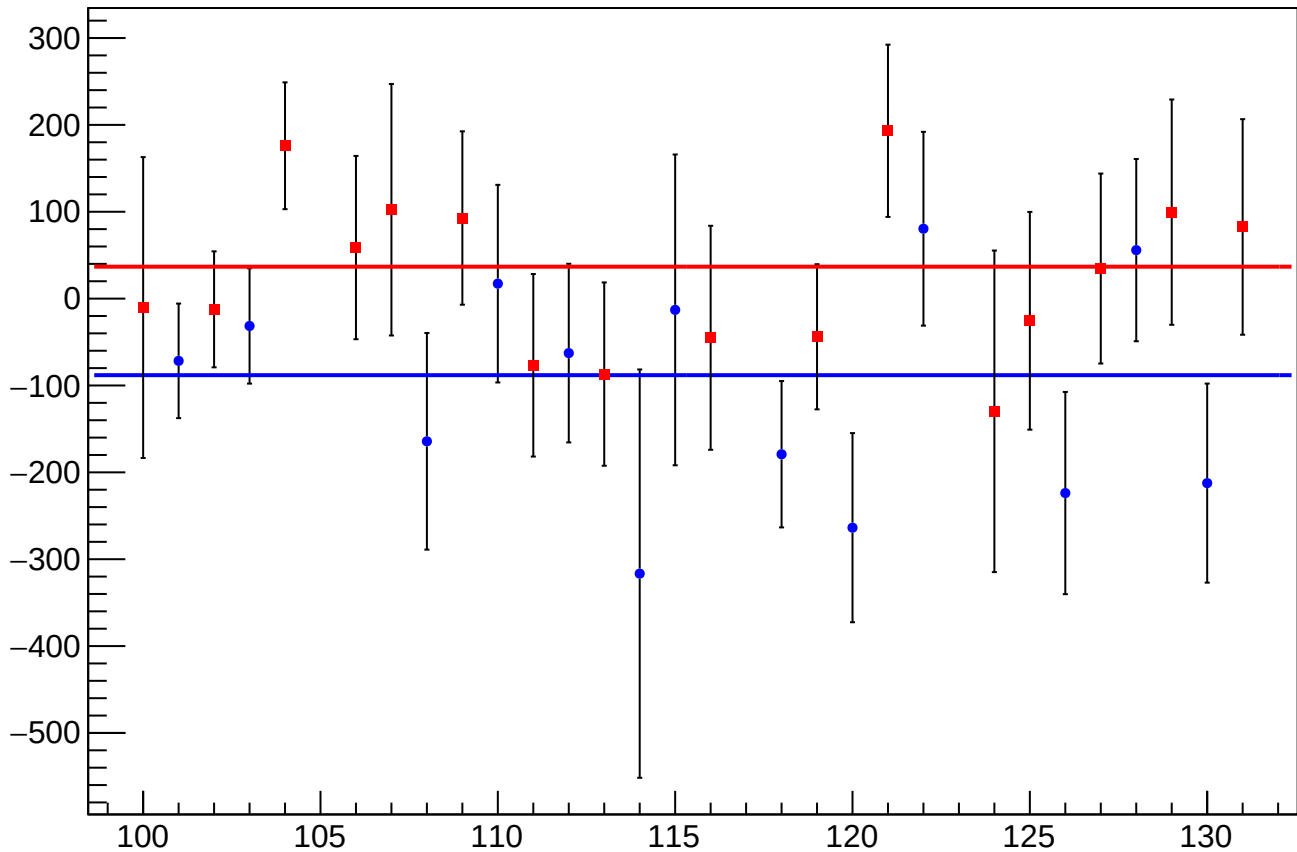
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 976.970 $\pm$ 0.202 χ^2 /NDF: 321134.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0r03X_mean vs Slug



Right In: -88.118 $\pm$ 27.853 χ^2 /NDF: 13.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.766 $\pm$ 26.084 χ^2 /NDF: 12.6/15

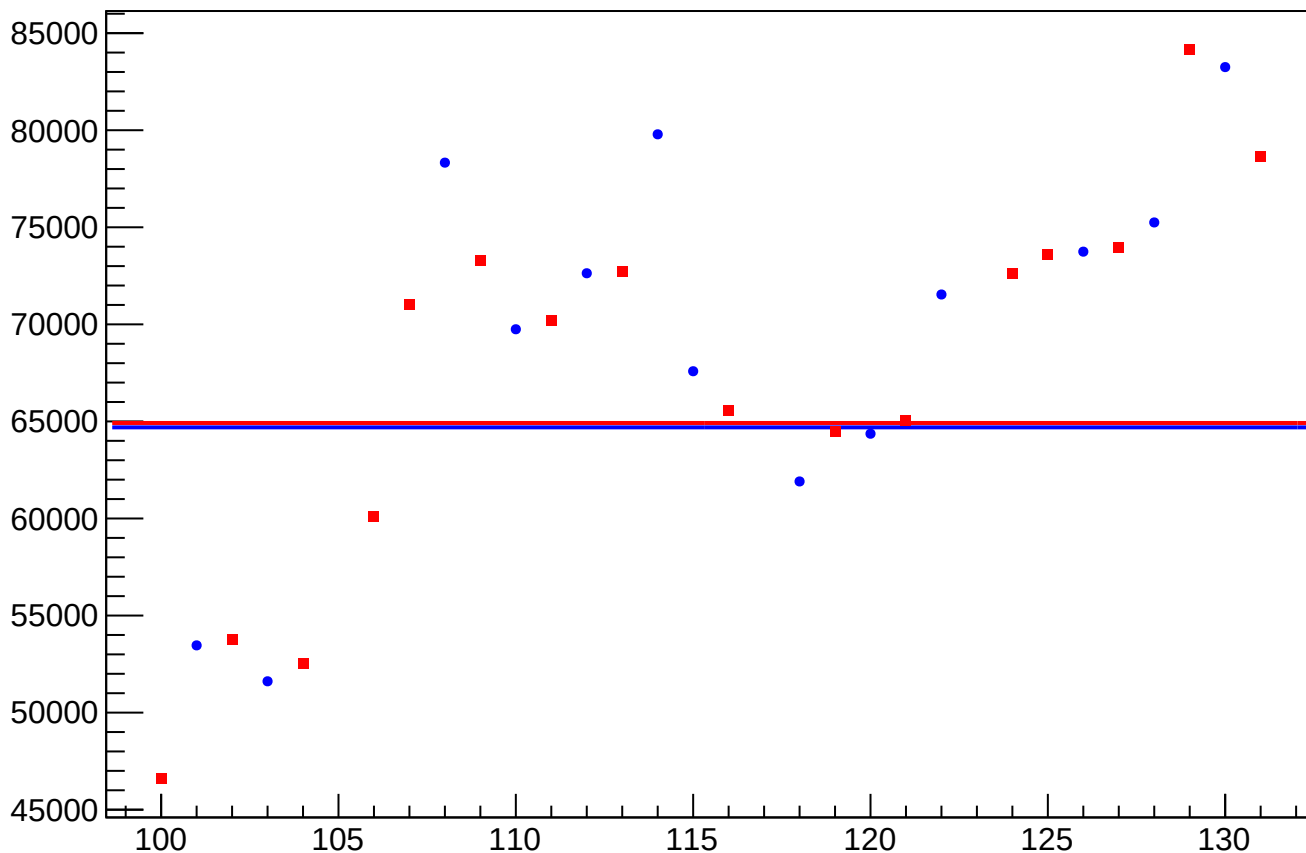
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -21.585 $\pm$ 19.039 χ^2 /NDF: 37.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0r03X_rms vs Slug



Right In: 64694.080 $\pm$ 19.695 χ^2 /NDF: 278774.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 64919.698 $\pm$ 18.444 χ^2 /NDF: 268976.9/15

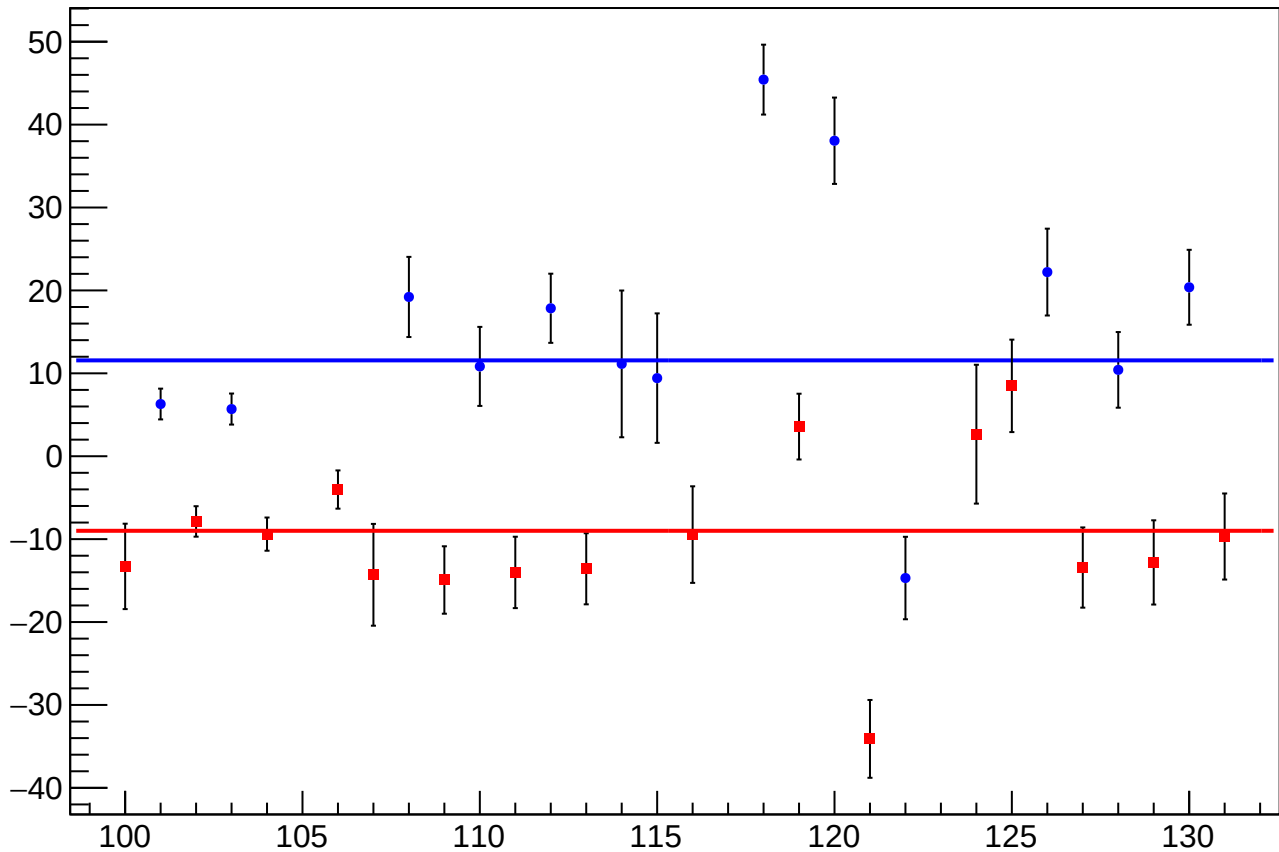
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 64814.280 $\pm$ 13.462 χ^2 /NDF: 547821.0/2

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0r03Y_mean vs Slug



Right In: 11.562 $\pm$ 0.992 χ^2 /NDF: 149.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.994 $\pm$ 0.887 χ^2 /NDF: 63.0/15

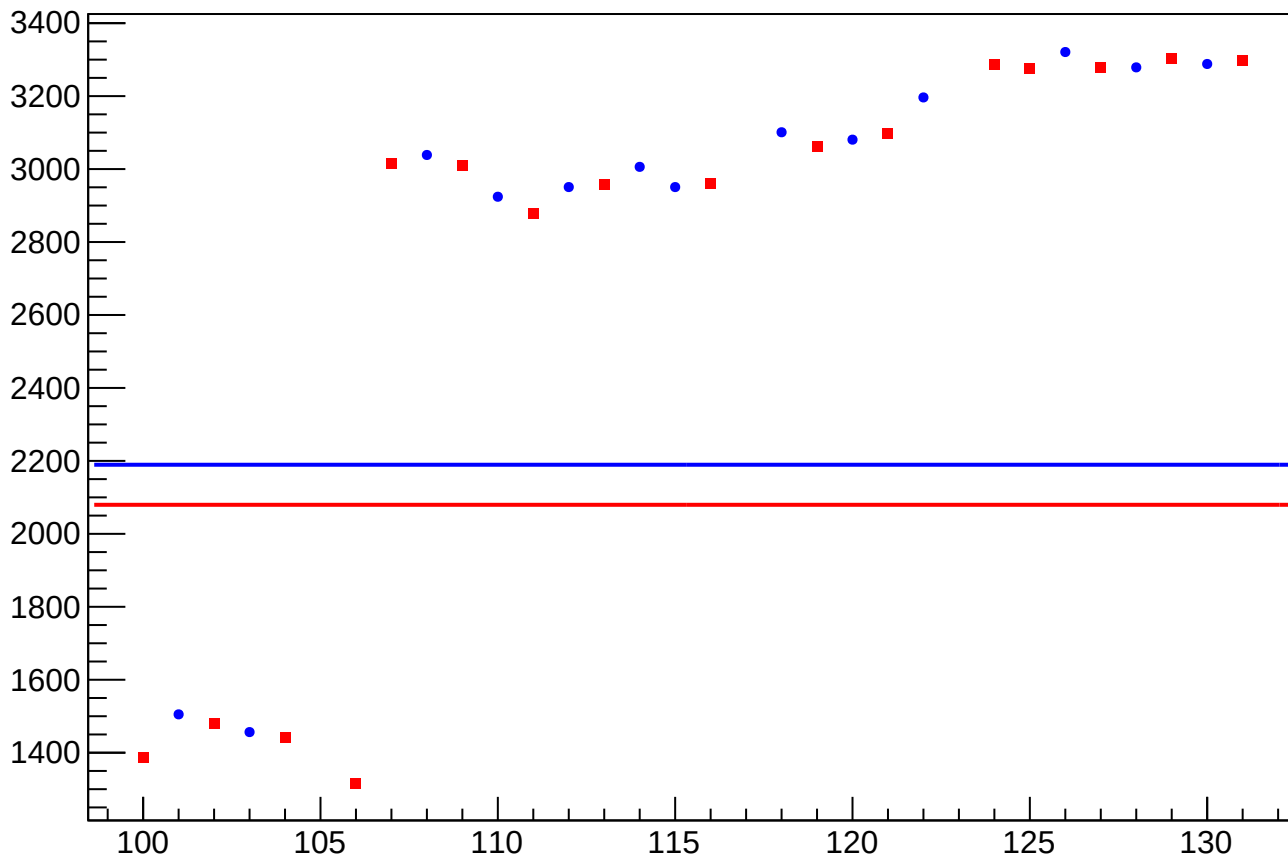
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.141 $\pm$ 0.661 χ^2 /NDF: 450.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0r03Y_rms vs Slug



Right In: 2189.427+/-0.702 χ^2/NDF : 1349715.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

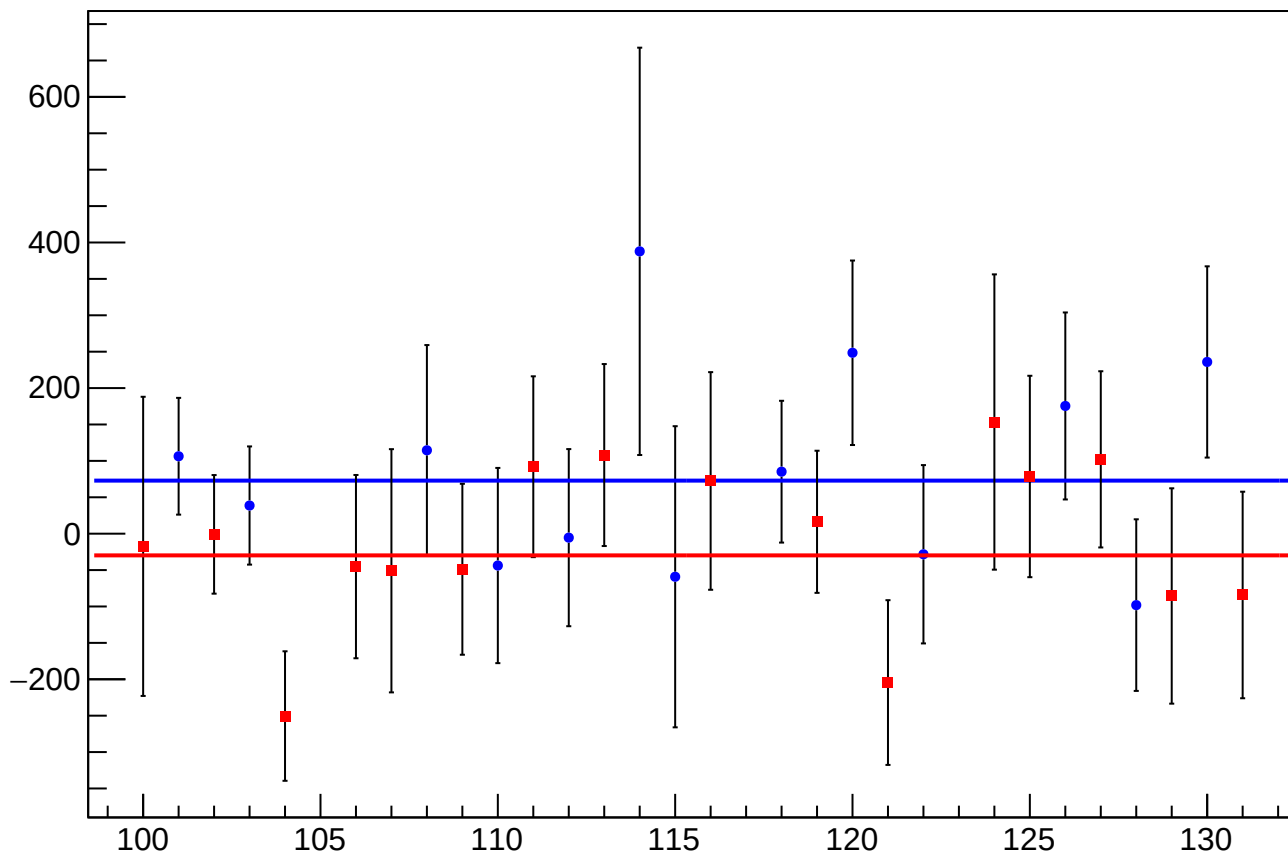
Right Out: 2079.623+/-0.627 χ^2/NDF : 1719172.3/15

All: 2128.419+/-0.468 χ^2/NDF : 3082498.3/28

- 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: 72.891+/-32.628 χ^2/NDF : 10.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.813+/-30.584 χ^2/NDF : 14.5/15

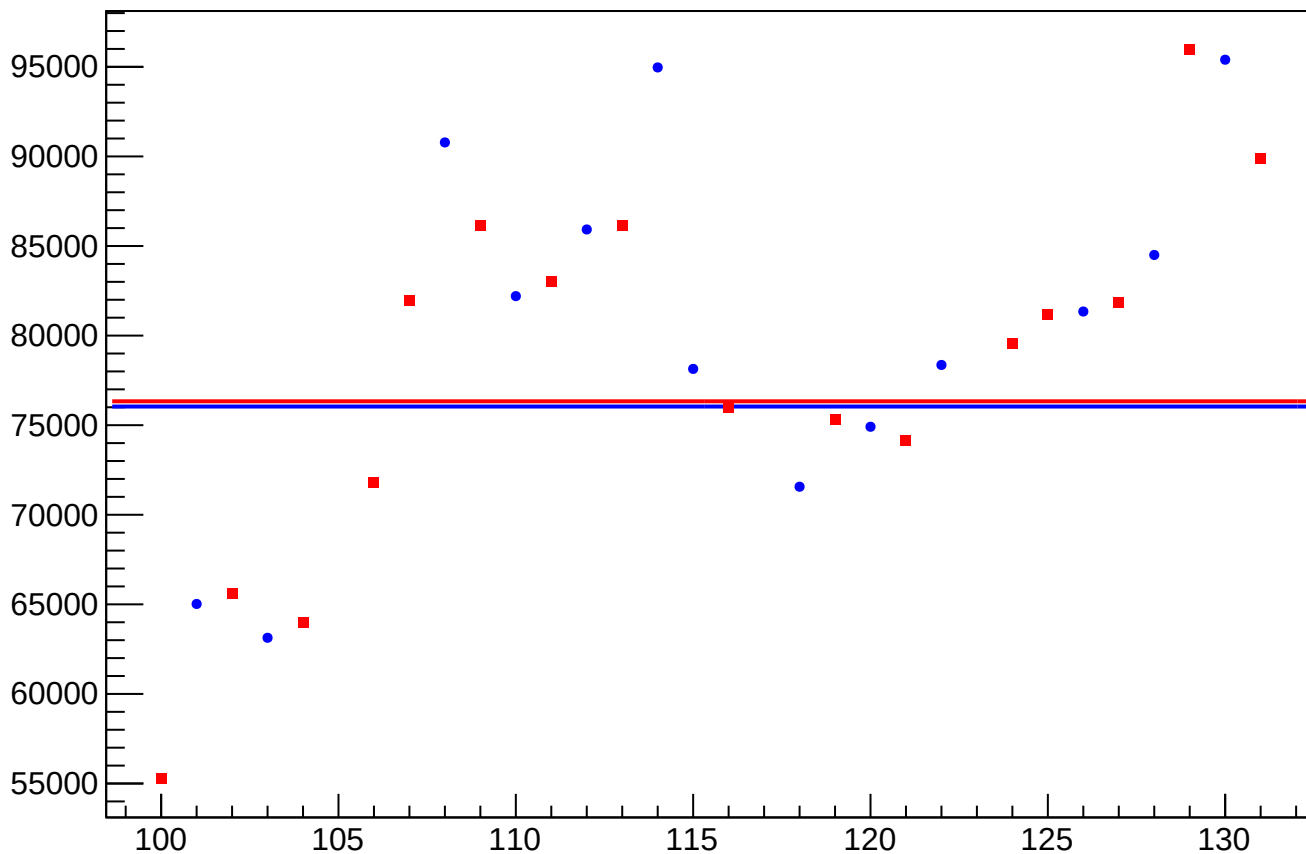
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.221+/-22.314 χ^2/NDF : 30.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0r05X_rms vs Slug



Right In: 76040.730+/-23.071 χ^2/NDF : 198136.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76332.874+/-21.626 χ^2/NDF : 192456.6/15

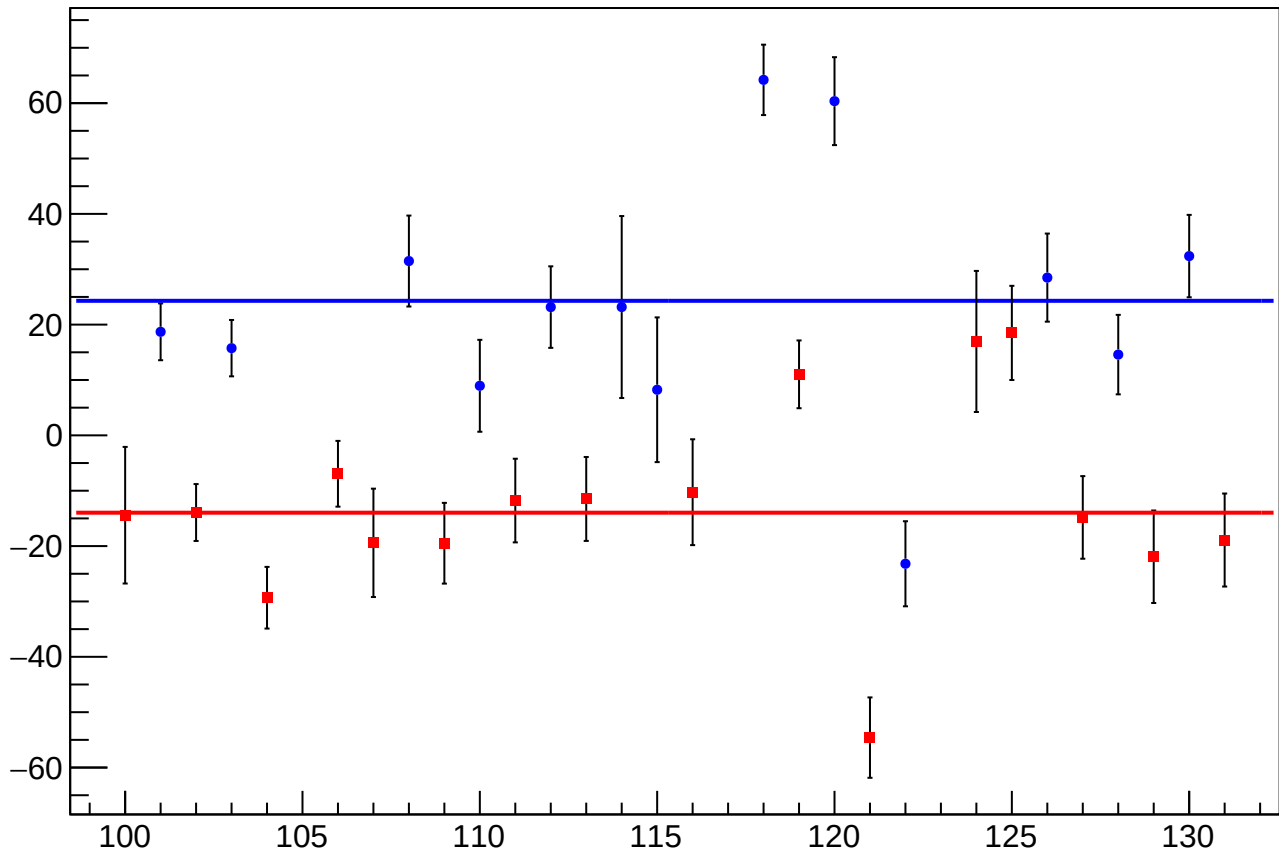
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76196.240+/-15.778 χ^2/NDF : 390678.5/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0r05Y_mean vs Slug



Right In: 24.299+/-2.021 χ^2/NDF : 111.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.968+/-1.850 χ^2/NDF : 79.9/15

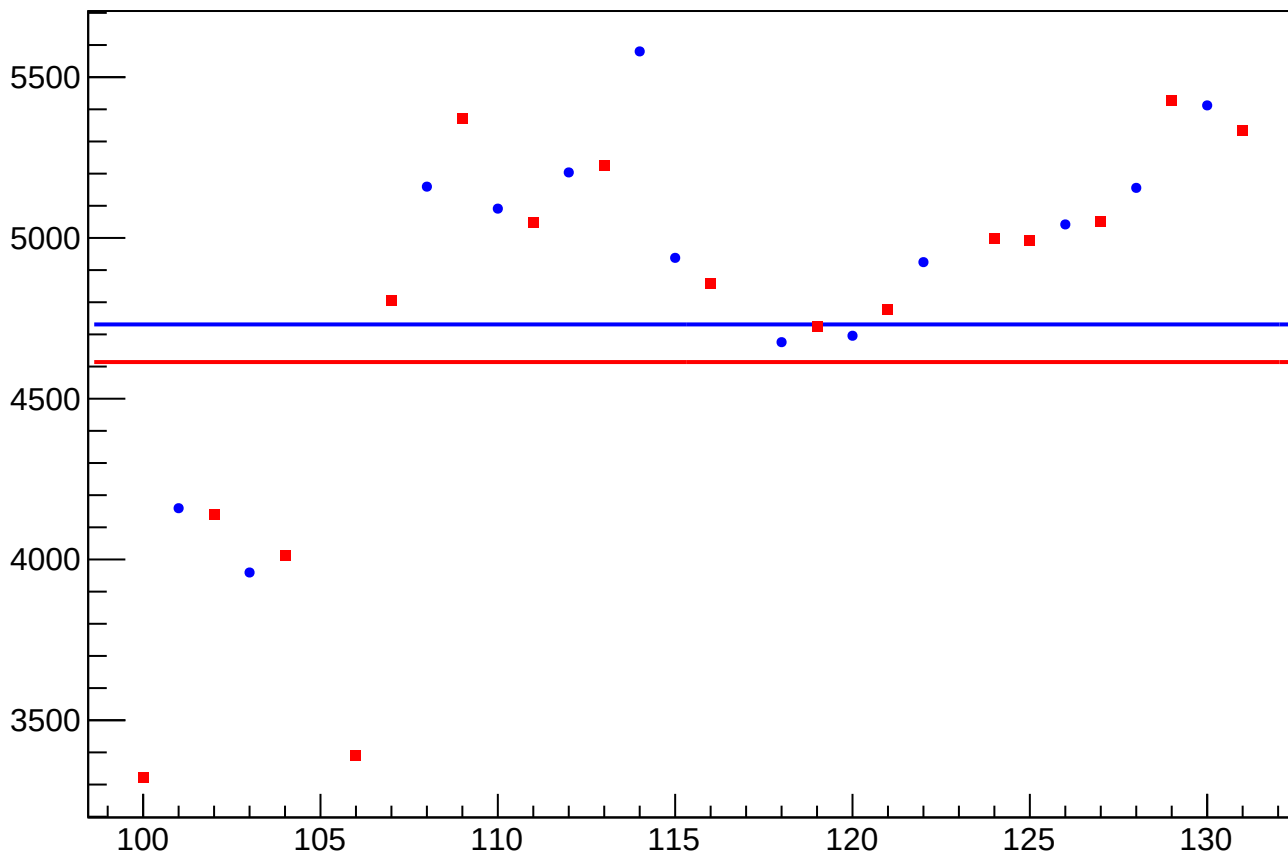
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.471+/-1.365 χ^2/NDF : 386.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0r05Y_rms vs Slug



Right In: 4731.015+/-1.429 χ^2/NDF : 122316.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4613.988+/-1.308 χ^2/NDF : 238876.8/15

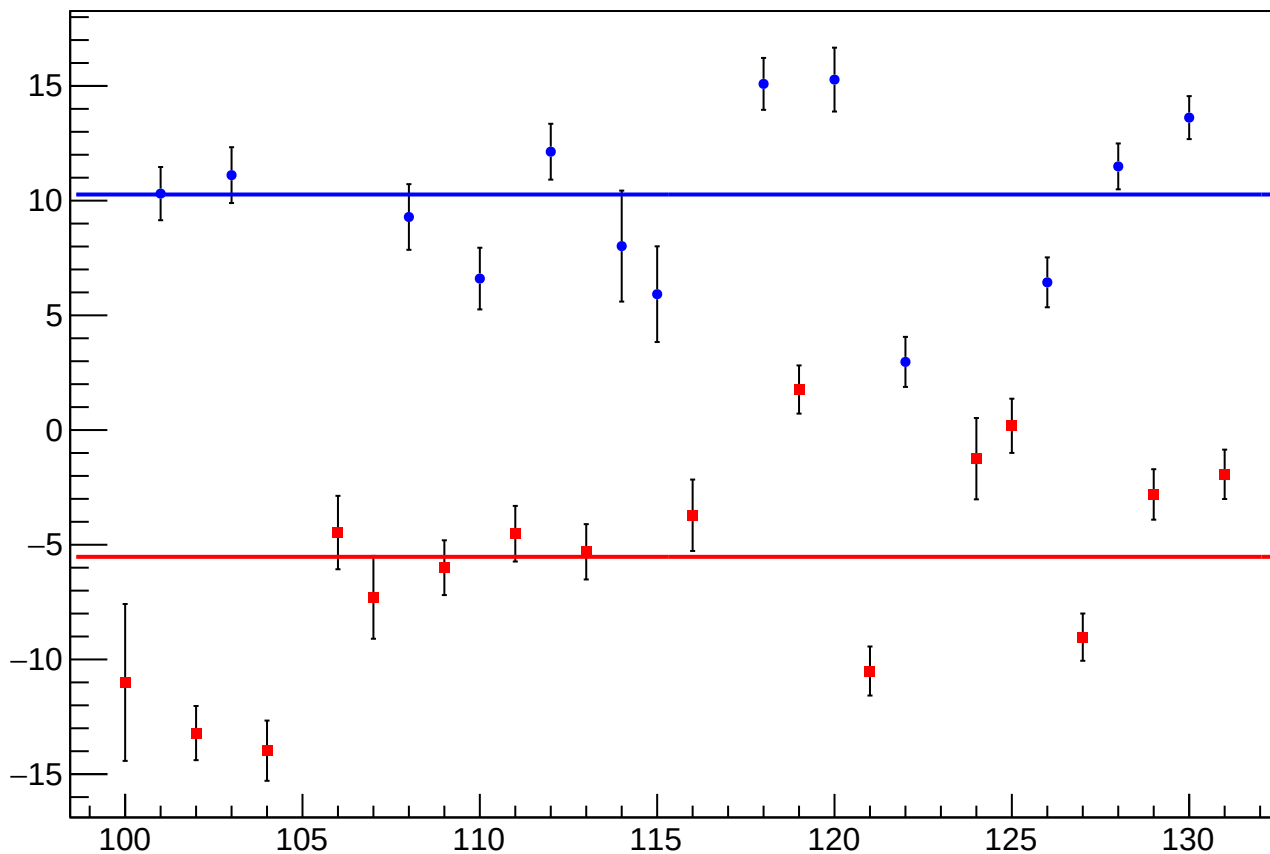
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4667.320+/-0.965 χ^2/NDF : 364842.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm2i01X_mean vs Slug



Right In: 10.267 $\pm$ 0.340 χ^2 /NDF: 118.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -5.527 $\pm$ 0.316 χ^2 /NDF: 218.0/15

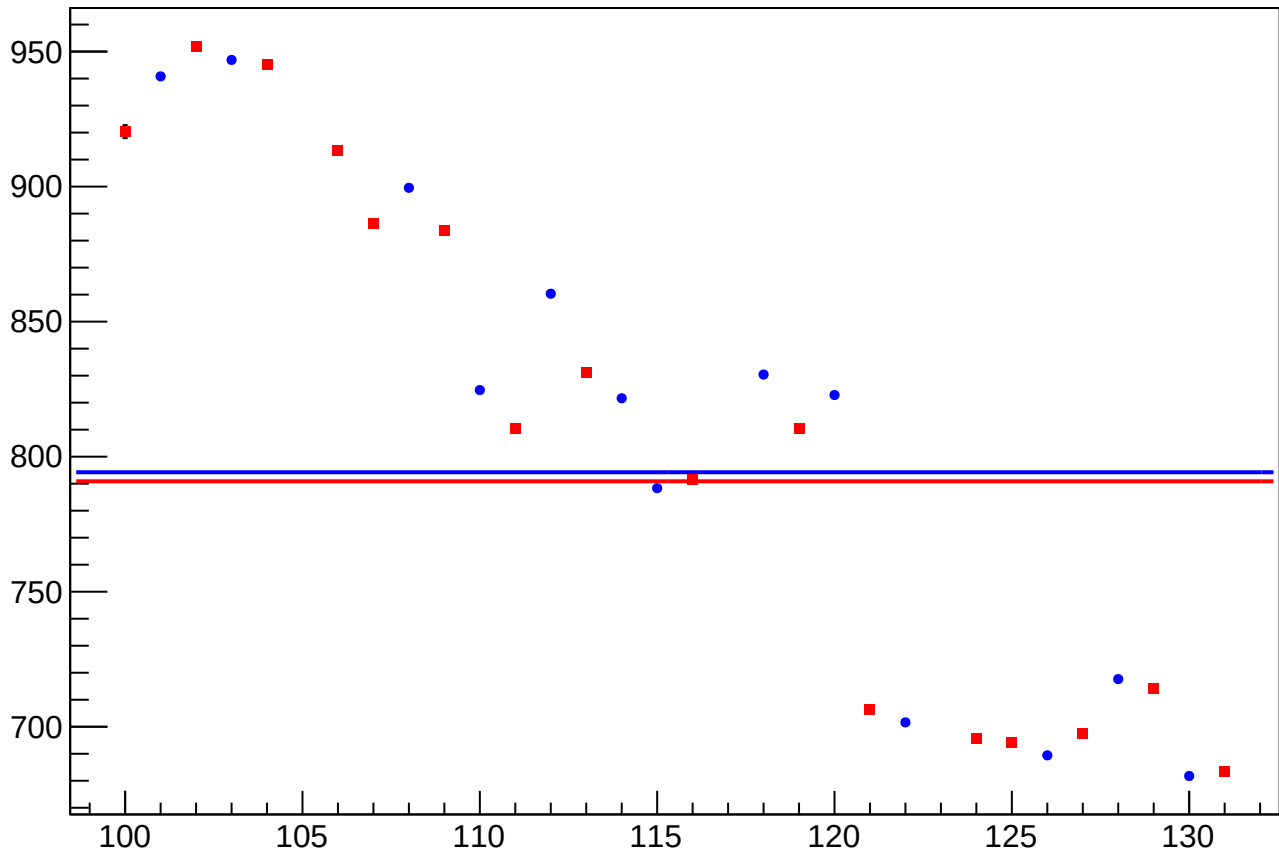
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.797 $\pm$ 0.231 χ^2 /NDF: 1494.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm2i01X_rms vs Slug



Right In: 794.229+/-0.240 χ^2/NDF : 157880.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 790.880+/-0.223 χ^2/NDF : 178161.0/15

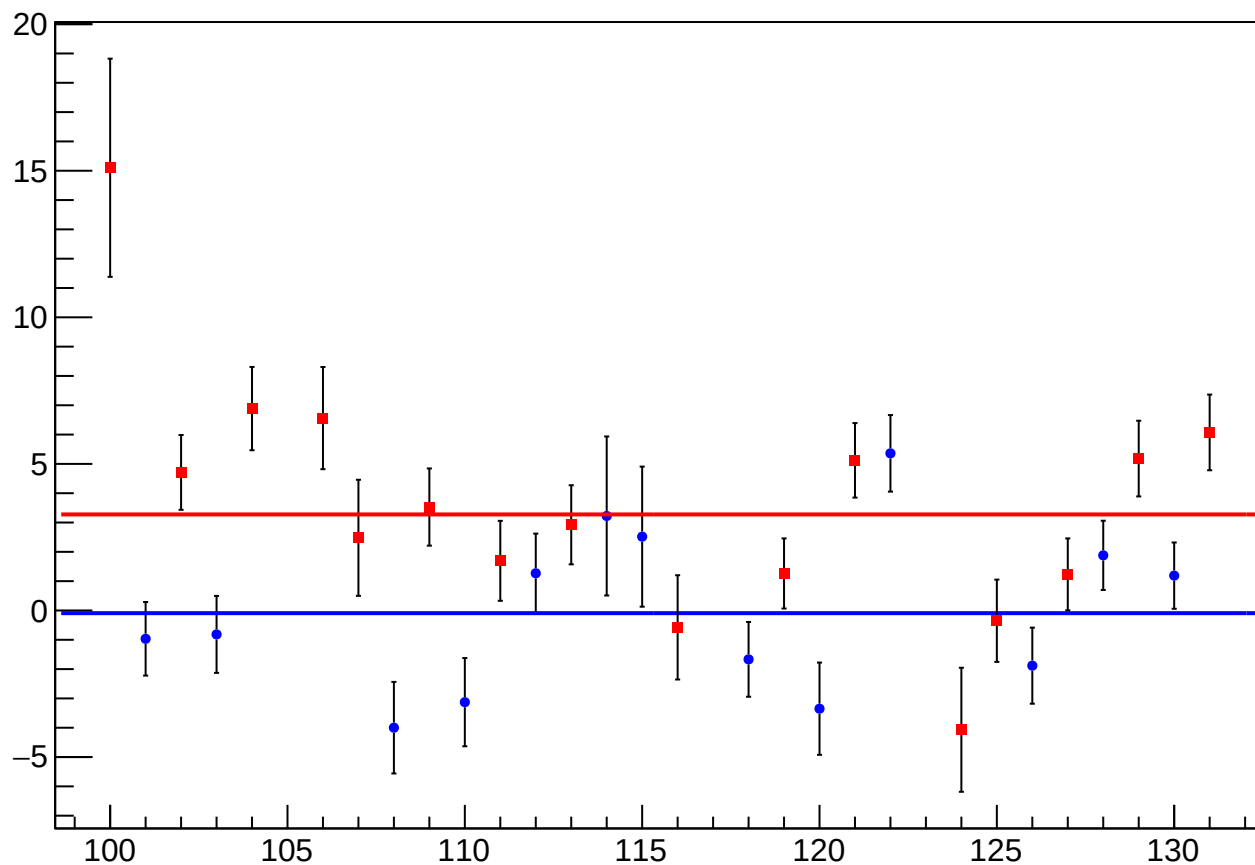
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 792.433+/-0.164 χ^2/NDF : 336145.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm2i01Y_mean vs Slug



Right In: -0.092 ± 0.389 χ^2/NDF : 44.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 3.276 ± 0.361 χ^2/NDF : 61.0/15

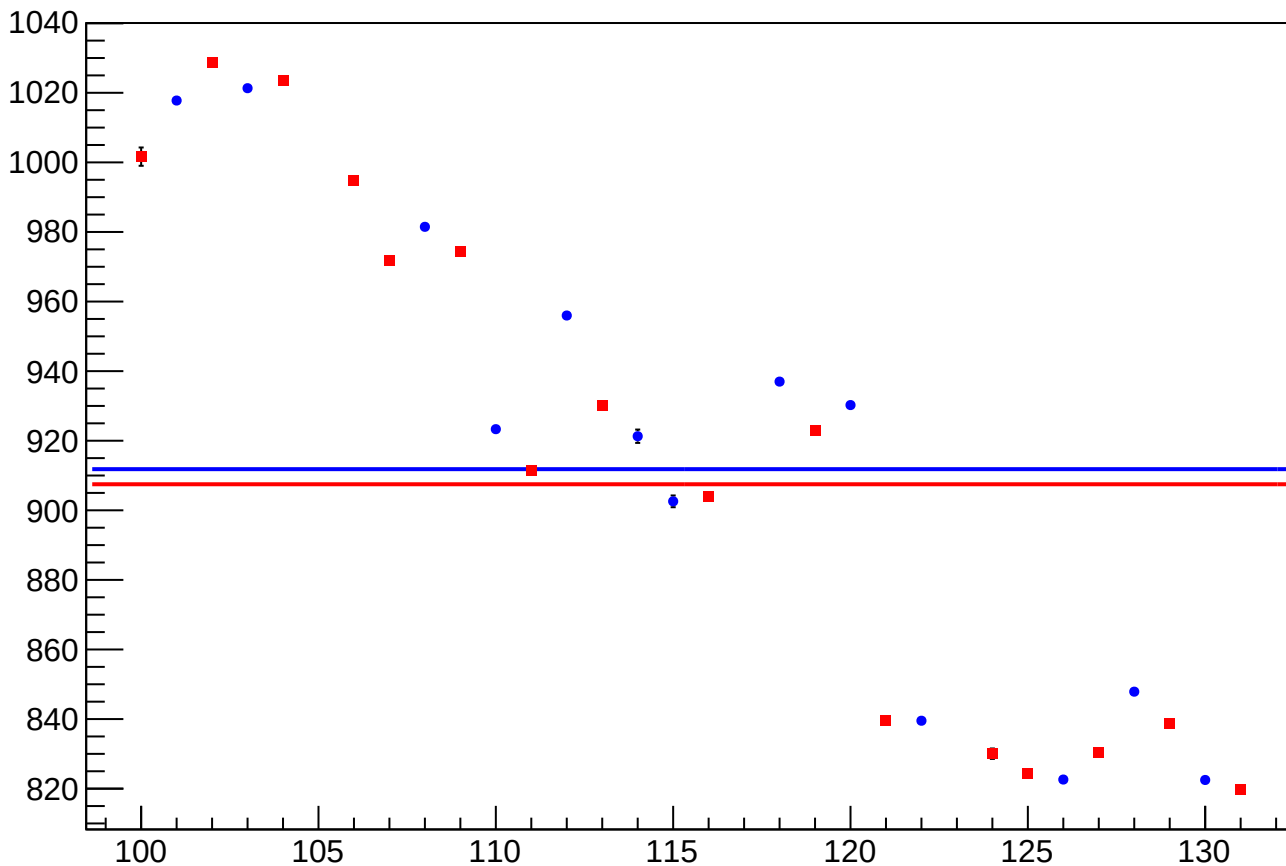
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.715 ± 0.265 χ^2/NDF : 145.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm2i01Y_rms vs Slug



Right In: 911.828 $\pm$ 0.275 χ^2 /NDF: 69445.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 907.488 $\pm$ 0.255 χ^2 /NDF: 84110.5/15

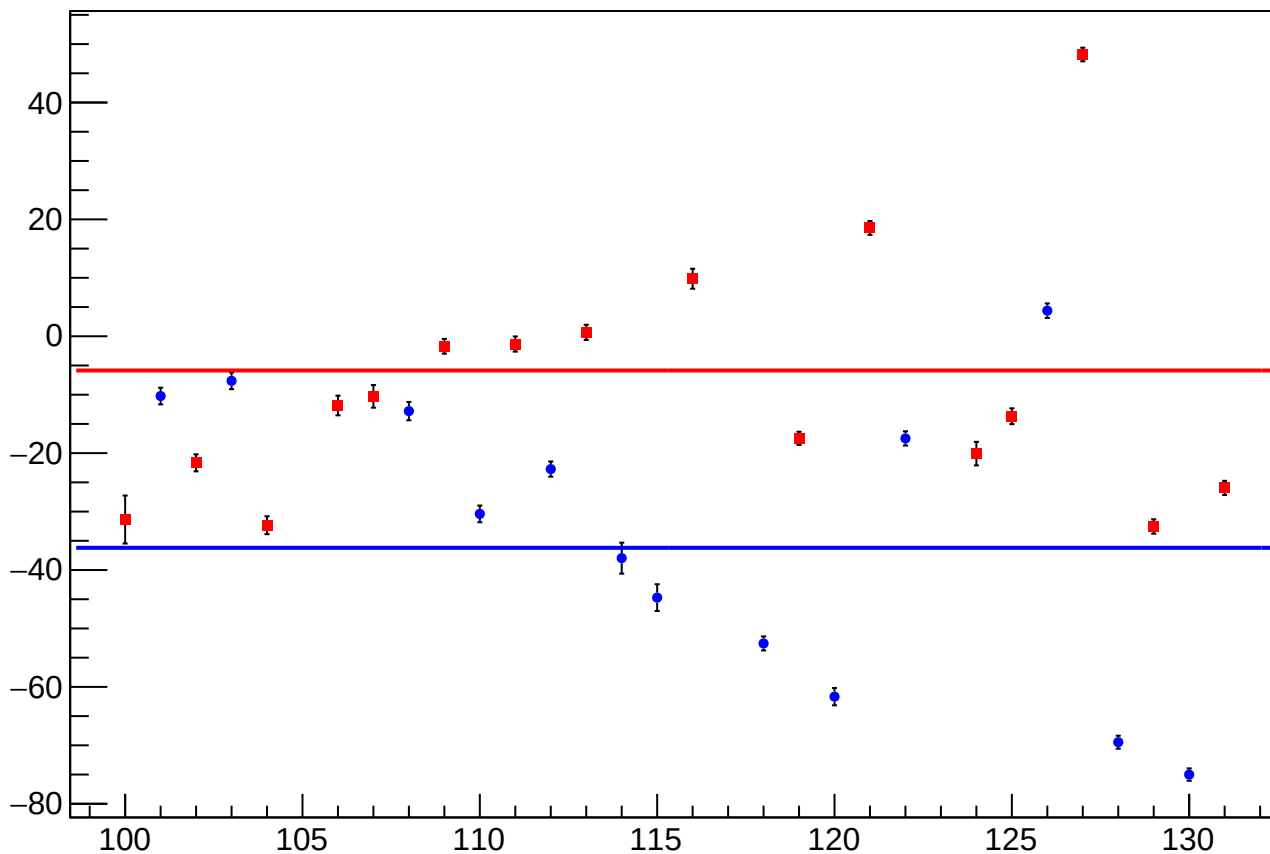
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 909.500 $\pm$ 0.187 χ^2 /NDF: 153690.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm2i02X_mean vs Slug



Right In: -36.200 ± 0.379 $\chi^2/\text{NDF}: 5087.9/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -5.853 ± 0.352 $\chi^2/\text{NDF}: 4099.9/15$

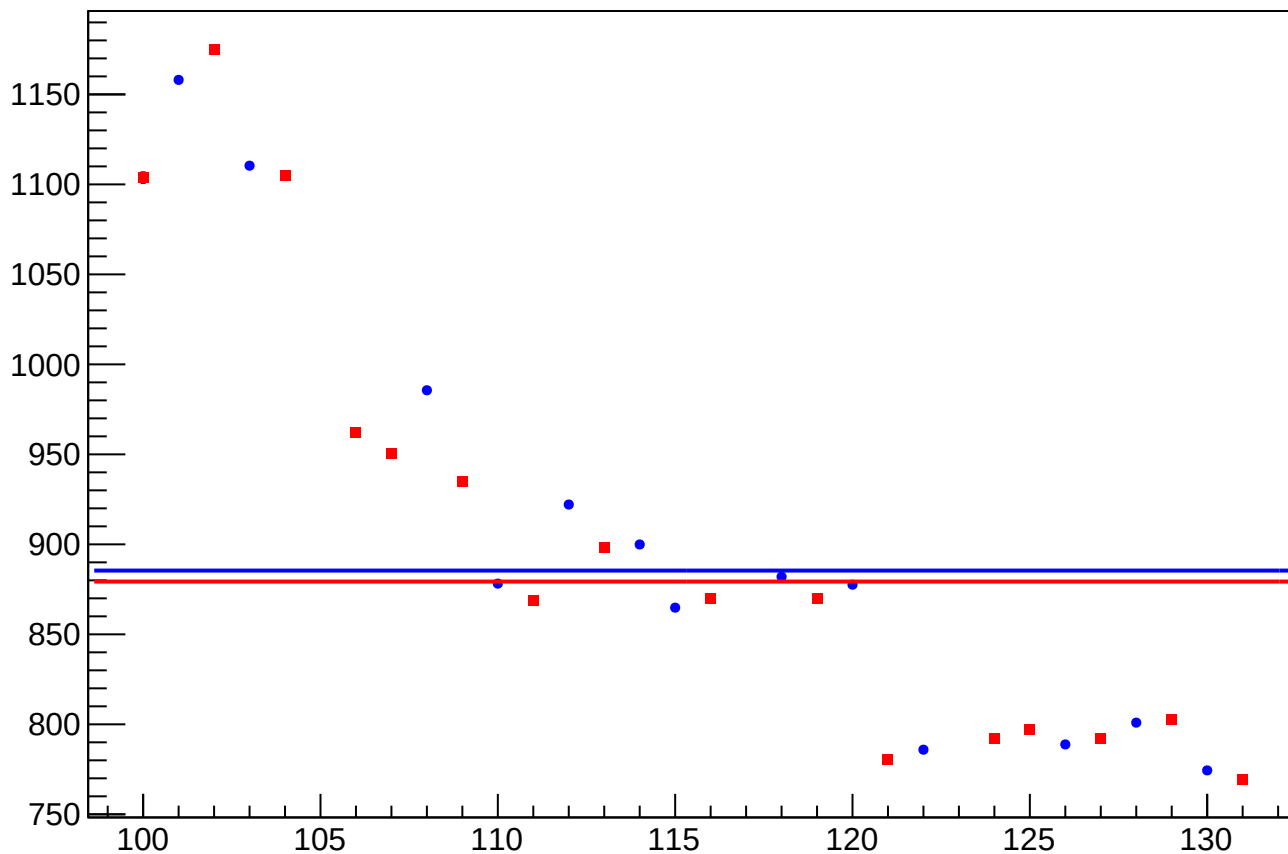
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -19.879 ± 0.258 $\chi^2/\text{NDF}: 12628.1/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm2i02X_rms vs Slug



Right In: 885.433+/-0.268 χ^2/NDF : 191177.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 879.331+/-0.249 χ^2/NDF : 204016.7/15

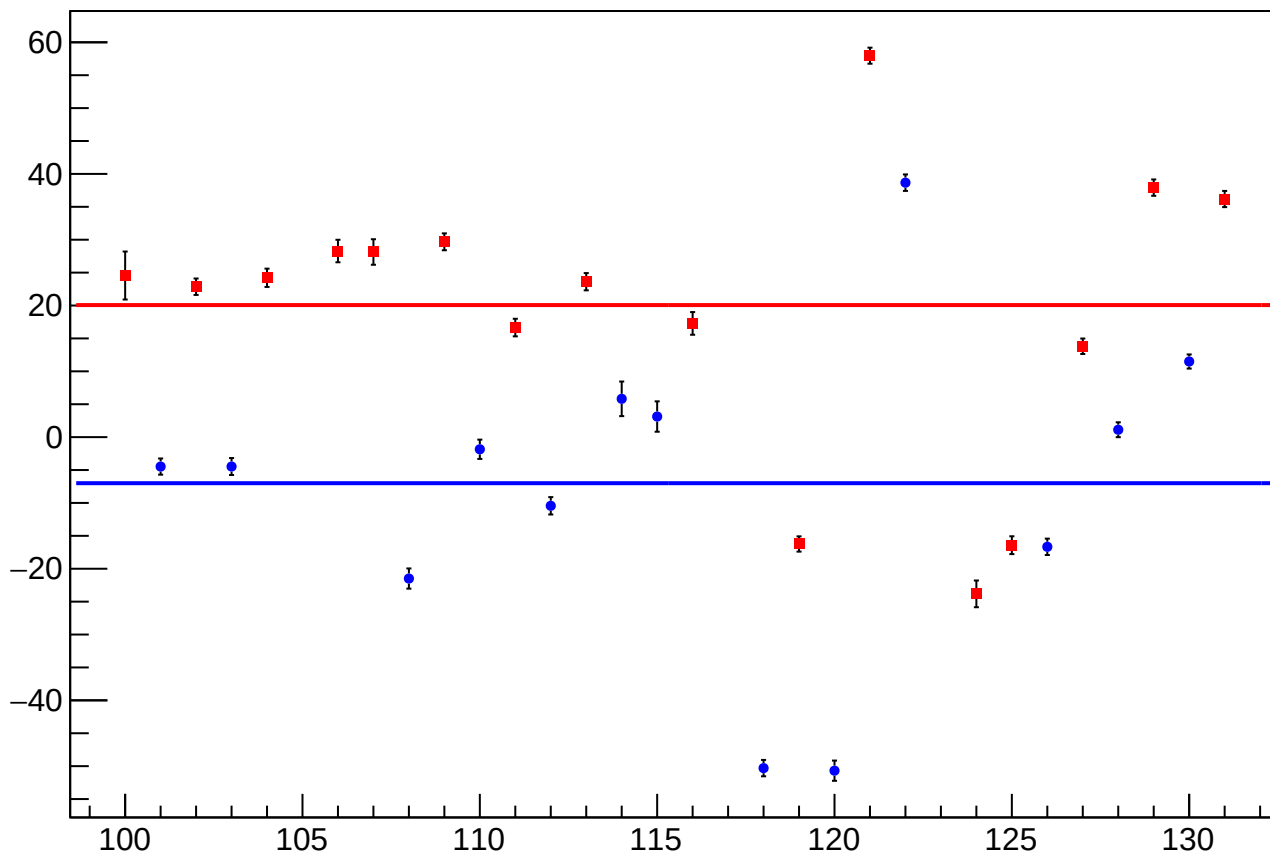
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 882.151+/-0.182 χ^2/NDF : 395472.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm2i02Y_mean vs Slug



Right In: -7.000 ± 0.376 χ^2/NDF : 3918.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 20.068 ± 0.350 χ^2/NDF : 3674.7/15

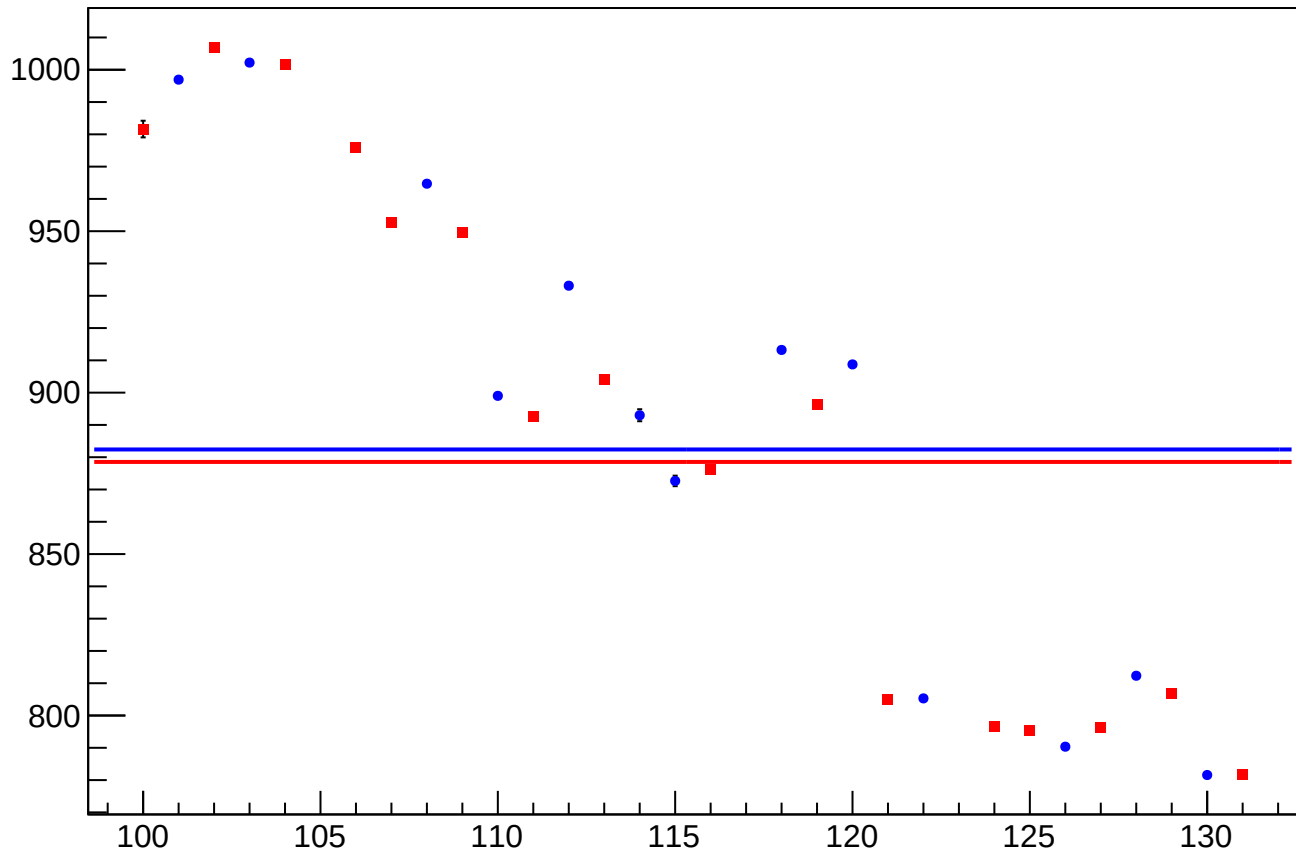
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 7.515 ± 0.256 χ^2/NDF : 10367.7/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm2i02Y_rms vs Slug



Right In: 882.400 $\pm$ 0.266 χ^2 /NDF: 89309.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 878.537 $\pm$ 0.247 χ^2 /NDF: 102466.6/15

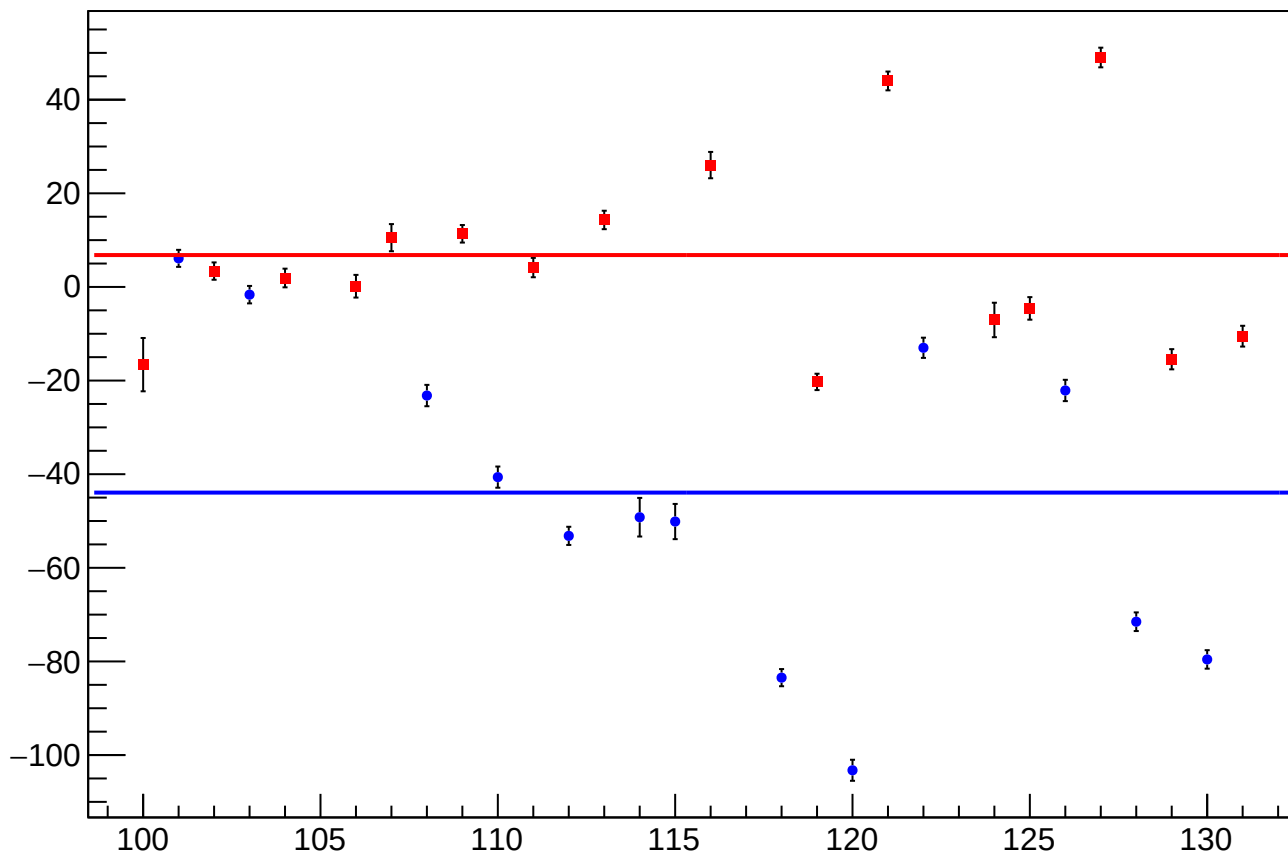
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 880.328 $\pm$ 0.181 χ^2 /NDF: 191888.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i02X_mean vs Slug



Right In: -43.932 ± 0.599 χ^2/NDF : 3357.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 6.811 ± 0.556 χ^2/NDF : 1295.2/15

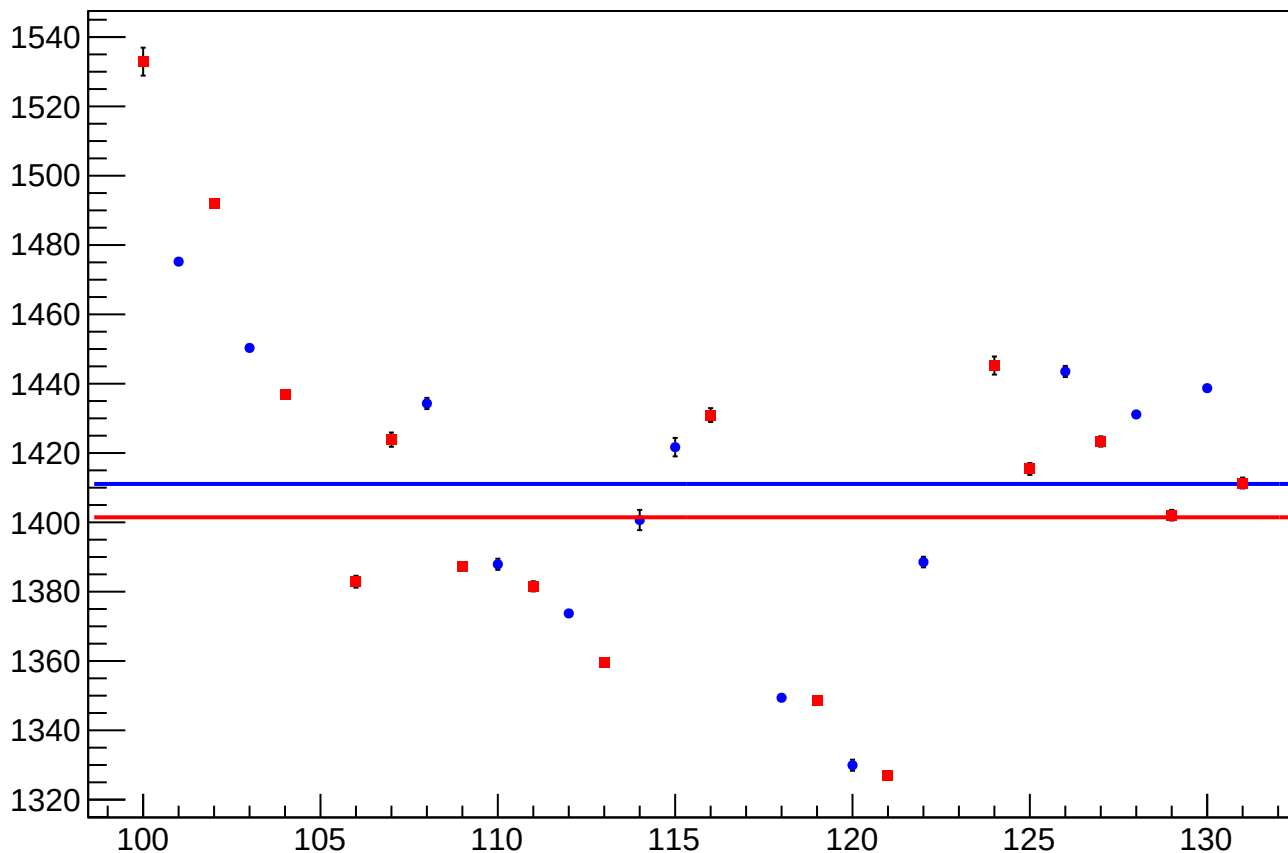
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.666 ± 0.408 χ^2/NDF : 8501.9/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0i02X_rms vs Slug



Right In: 1411.078 $\pm$ 0.424 χ^2 /NDF: 10643.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1401.459 $\pm$ 0.393 χ^2 /NDF: 13333.0/15

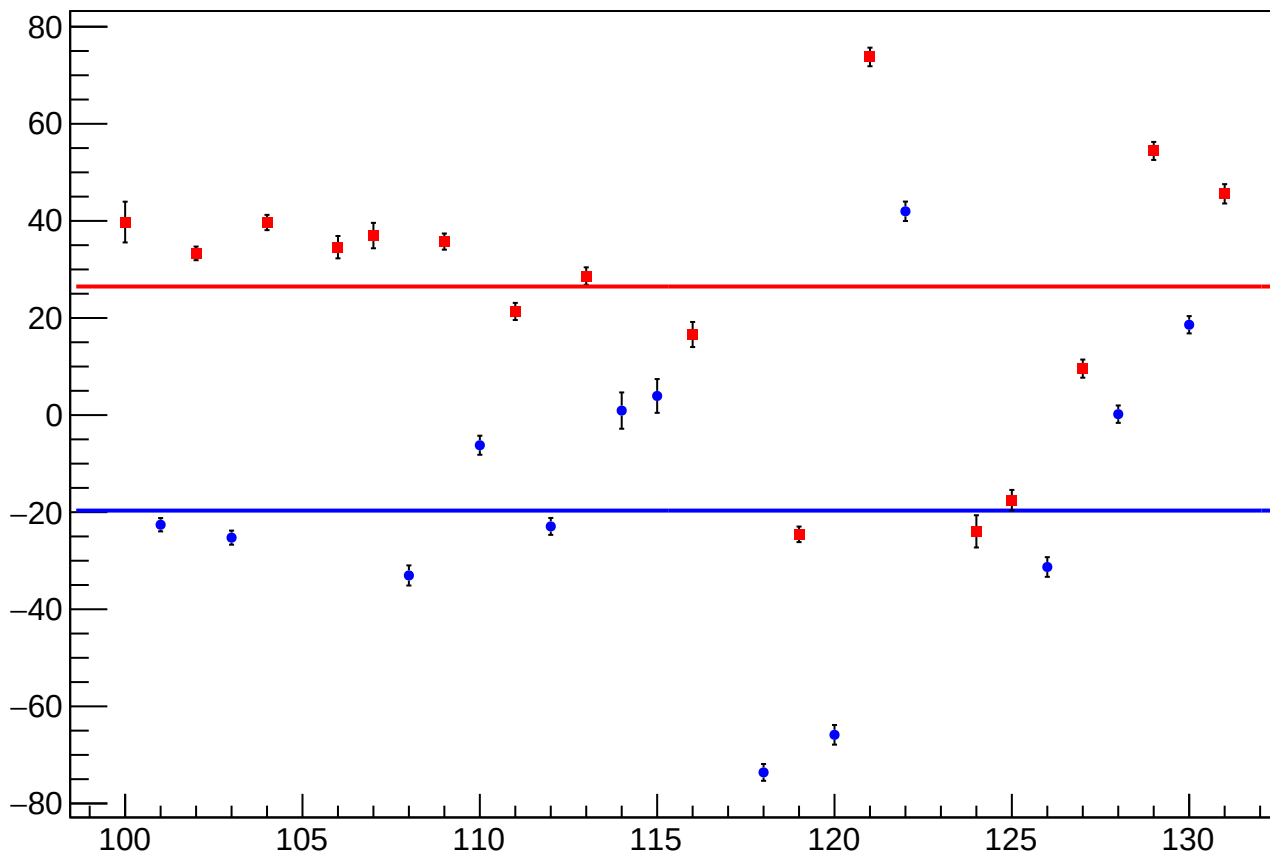
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1405.909 $\pm$ 0.288 χ^2 /NDF: 24252.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i02Y_mean vs Slug



Right In: -19.671 ± 0.521 χ^2/NDF : 3242.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 26.485 ± 0.485 χ^2/NDF : 2889.3/15

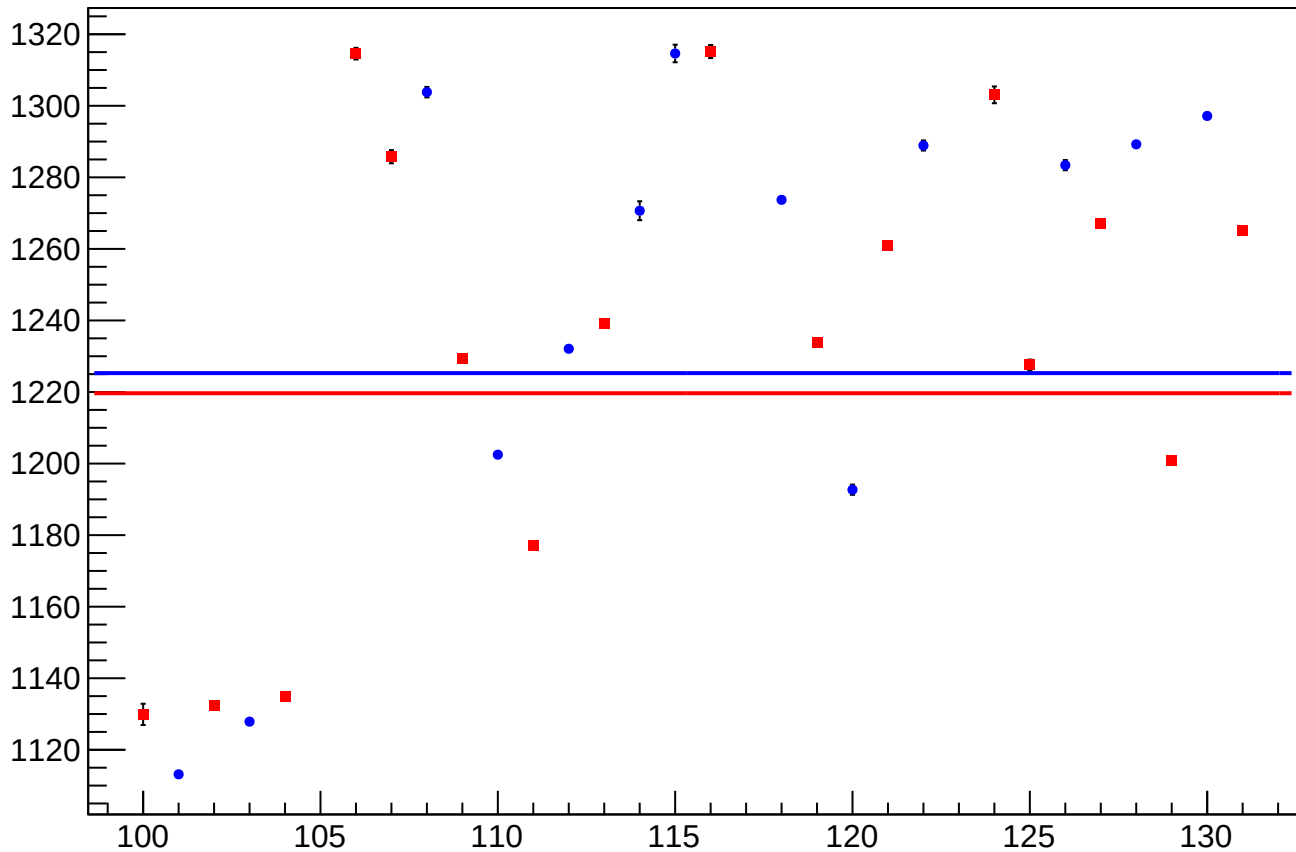
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 5.083 ± 0.355 χ^2/NDF : 10334.2/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0i02Y_rms vs Slug



Right In: 1225.284+/-0.369 χ^2/NDF : 38694.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1219.667+/-0.343 χ^2/NDF : 28237.9/15

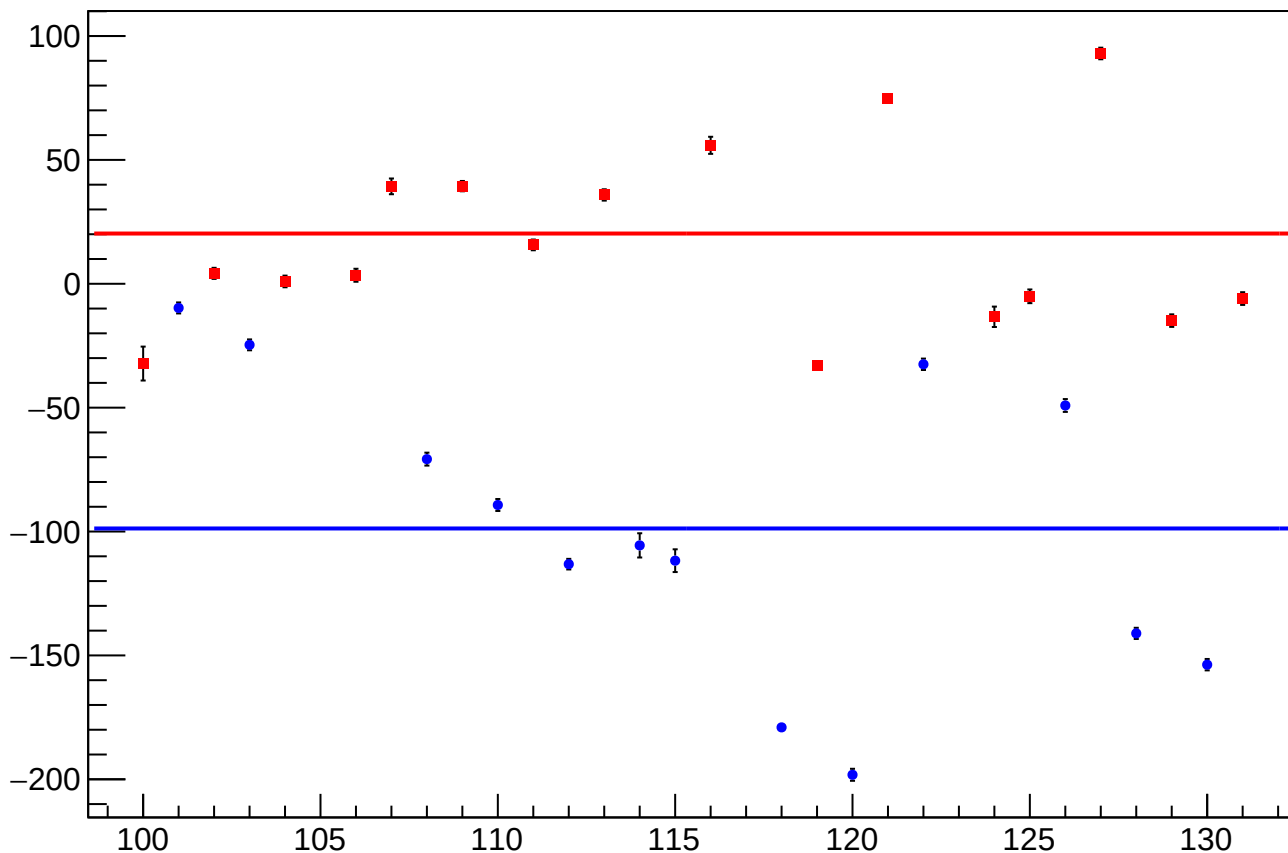
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1222.271+/-0.251 χ^2/NDF : 67056.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i02aX_mean vs Slug



Right In: -98.764 ± 0.679 $\chi^2/\text{NDF}: 8272.6/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 20.282 ± 0.626 $\chi^2/\text{NDF}: 3382.1/15$

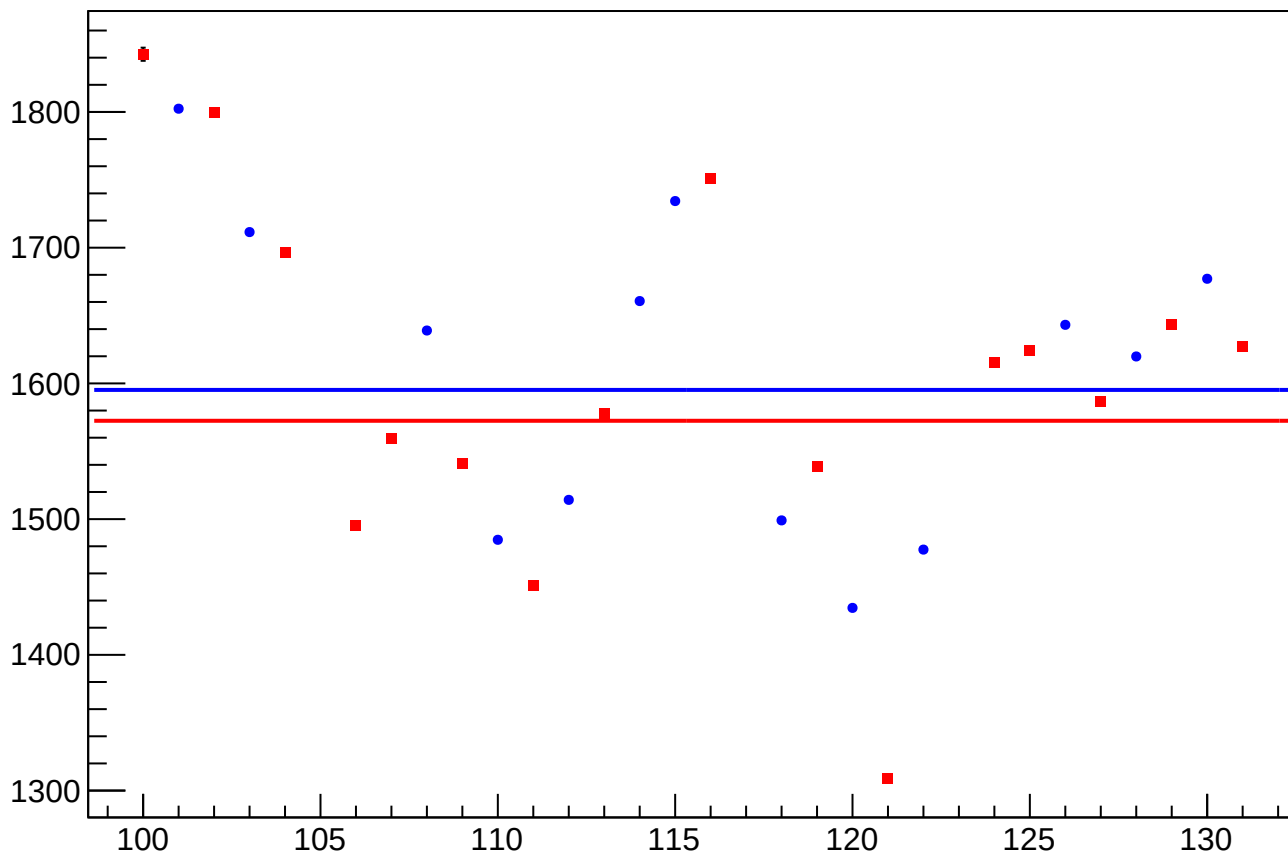
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -34.393 ± 0.460 $\chi^2/\text{NDF}: 28260.2/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm0i02aX_rms vs Slug



Right In: 1595.203+/-0.480 χ^2/NDF : 54637.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1572.466+/-0.443 χ^2/NDF : 82744.5/15

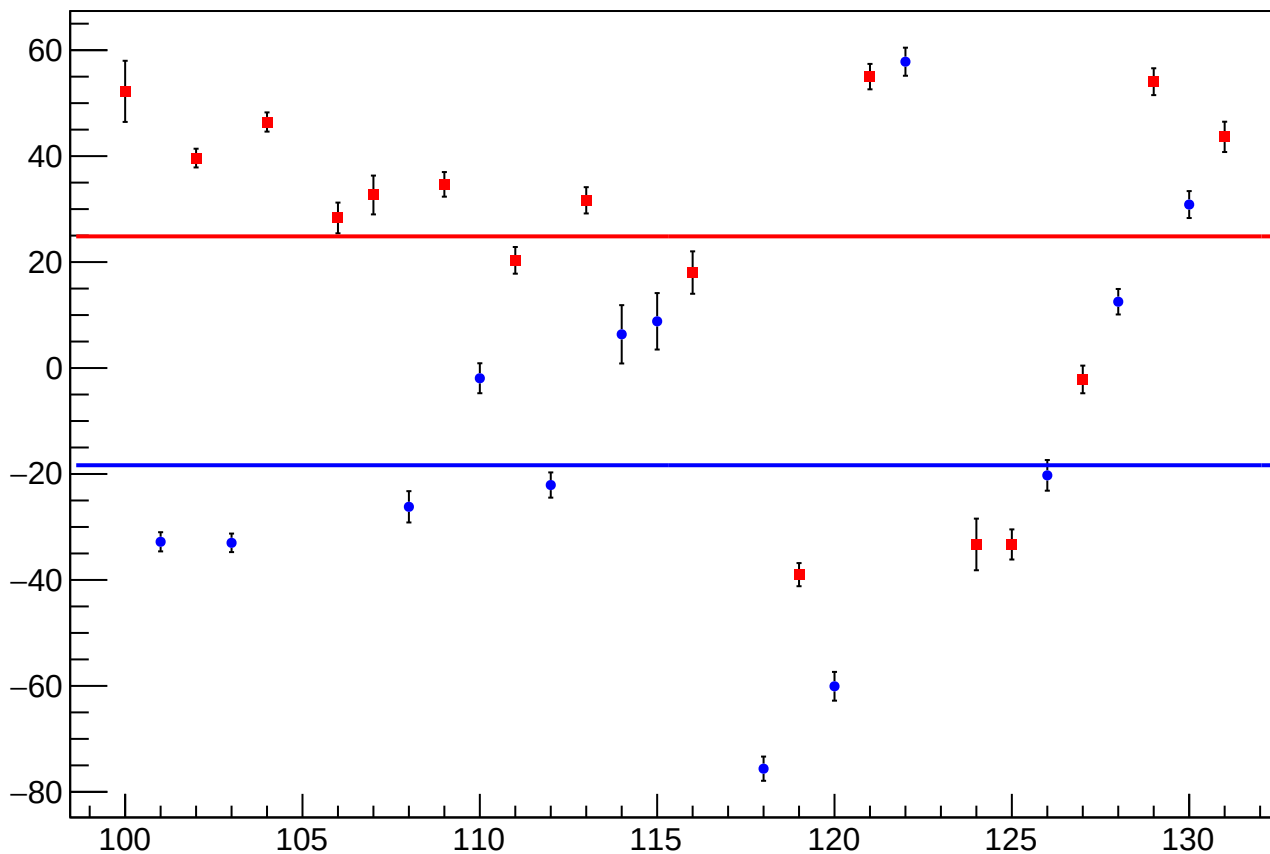
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1582.908+/-0.326 χ^2/NDF : 138593.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i02aY_mean vs Slug



Right In: -18.348 $\pm$ 0.701 χ^2 /NDF: 2452.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 24.852 $\pm$ 0.647 χ^2 /NDF: 2128.3/15

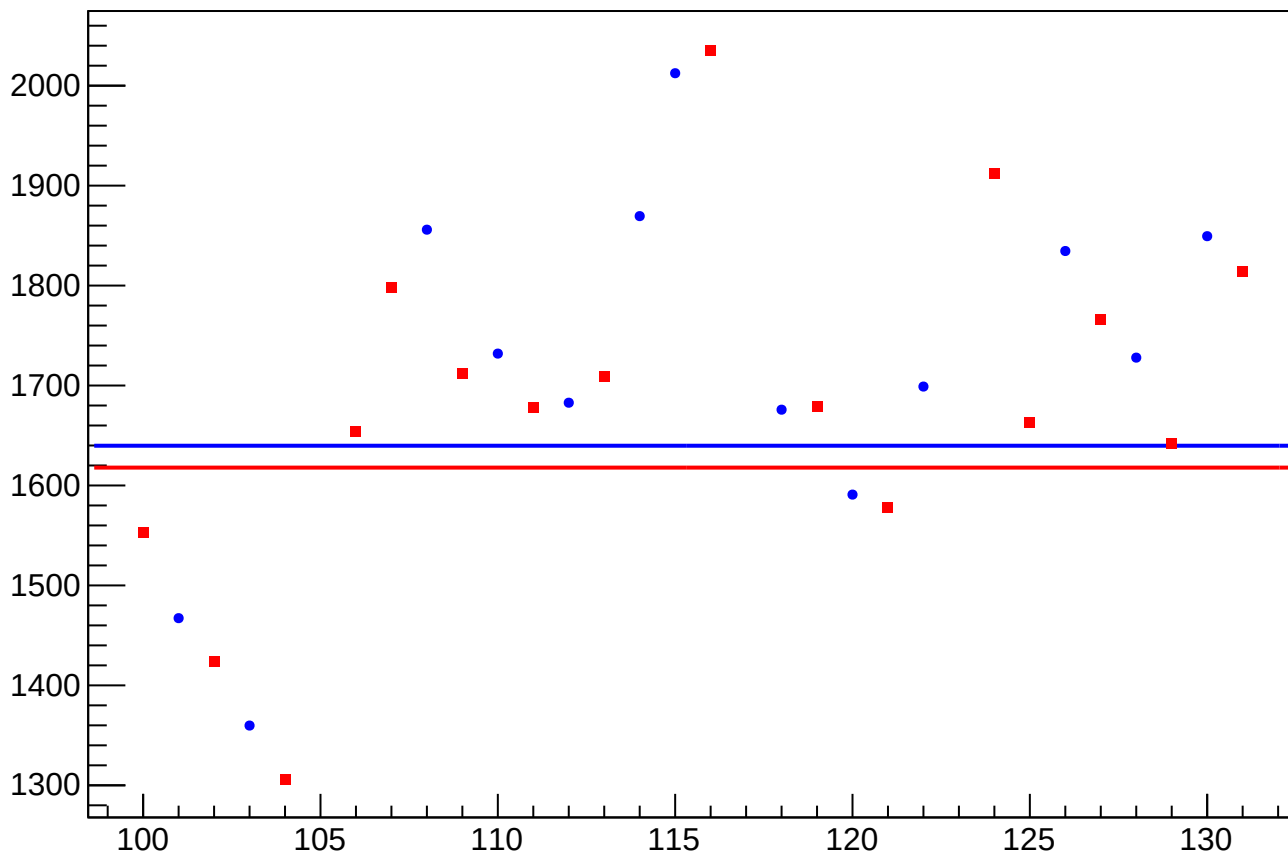
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.998 $\pm$ 0.476 χ^2 /NDF: 6631.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i02aY_rms vs Slug



Right In: 1639.761 $\pm$ 0.496 χ^2 /NDF: 123654.0/12

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

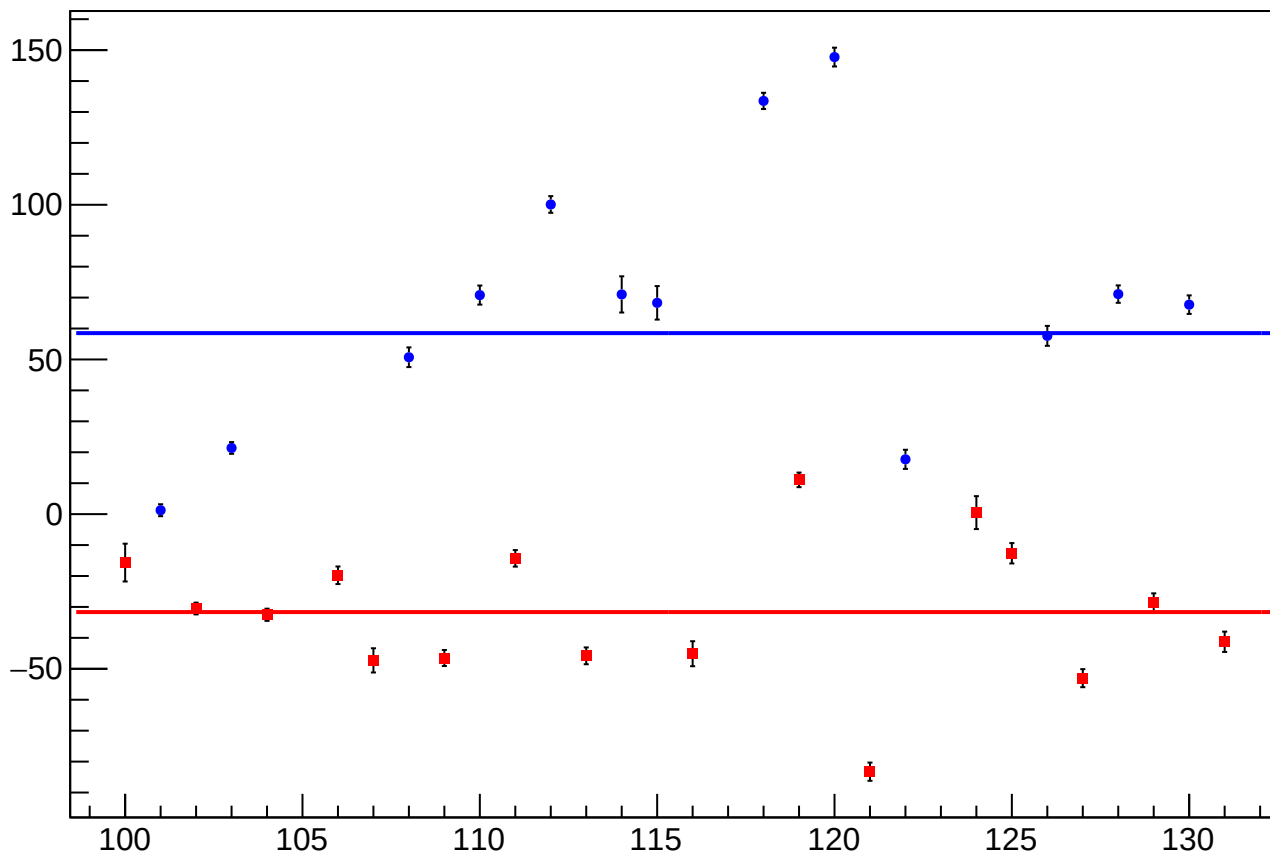
Right Out: 1617.873 $\pm$ 0.457 χ^2 /NDF: 143478.6/15

All: 1627.933 $\pm$ 0.336 χ^2 /NDF: 268185.1/28

- 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_bpm0i05X_mean vs Slug



Right In: 58.512+/-0.780 χ^2/NDF : 3417.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.660+/-0.712 χ^2/NDF : 922.9/15

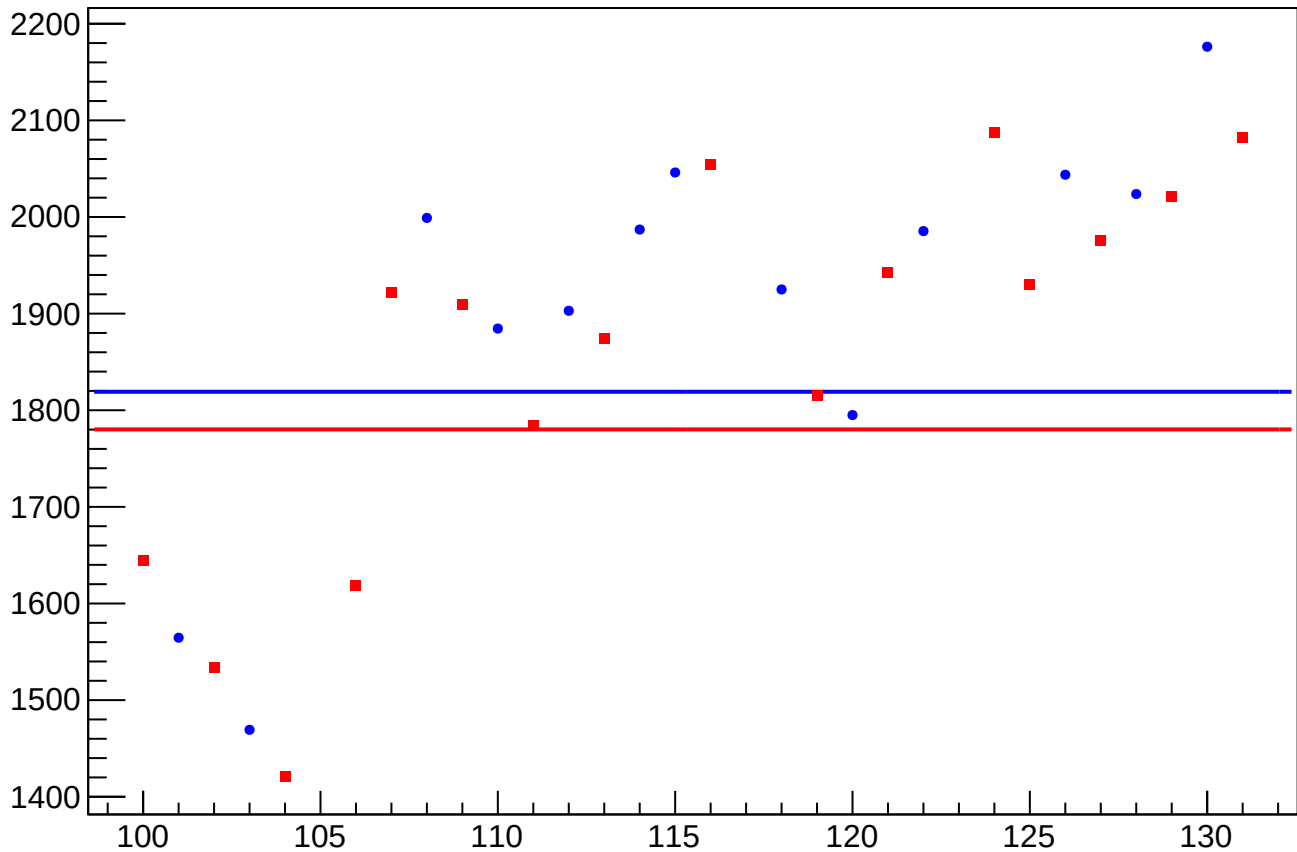
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.364+/-0.526 χ^2/NDF : 11631.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i05X_rms vs Slug



Right In: 1819.120+/-0.551 χ^2/NDF : 175617.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

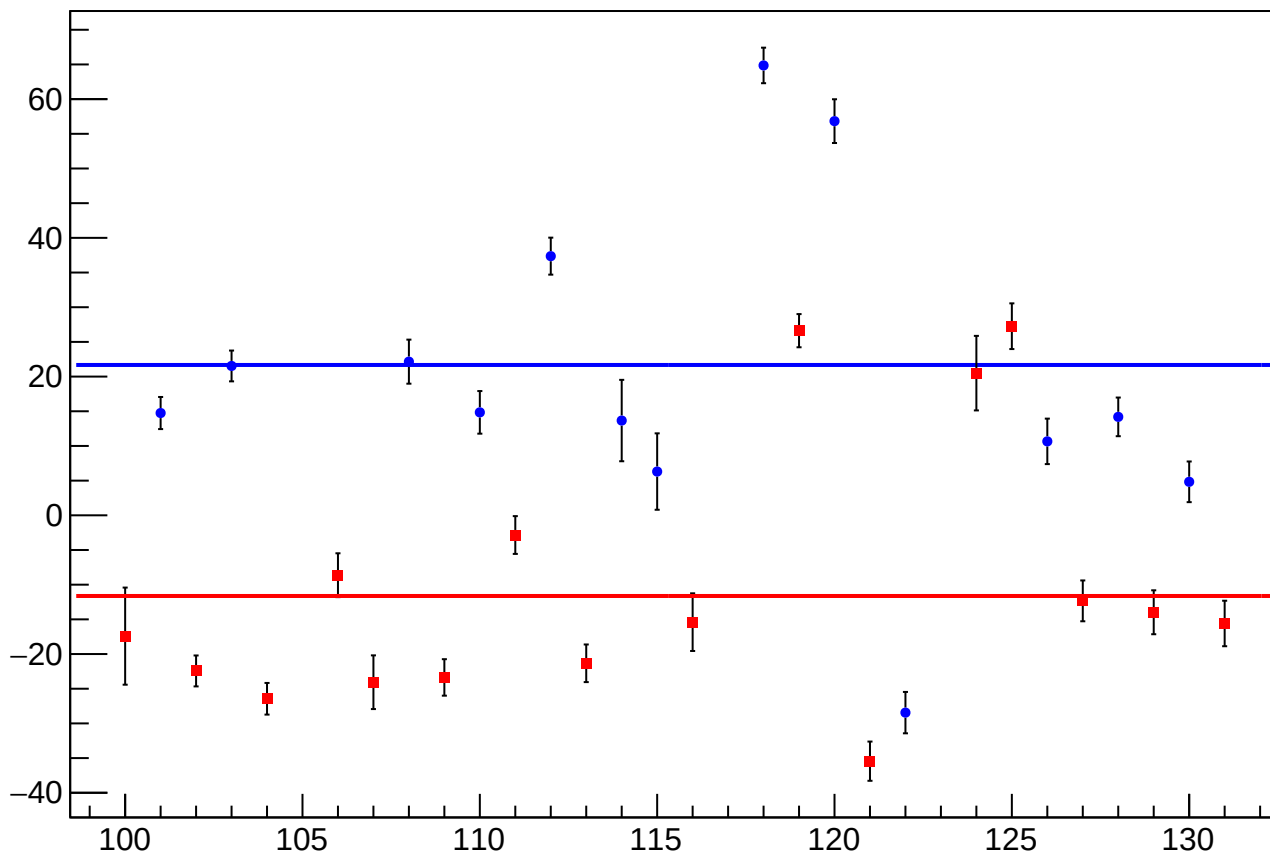
Right Out: 1780.171+/-0.504 χ^2/NDF : 181656.3/15

All: 1797.891+/-0.372 χ^2/NDF : 359994.8/28

- 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: 21.675+/-0.816 χ^2 /NDF: 800.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -11.630+/-0.748 χ^2 /NDF: 625.4/15

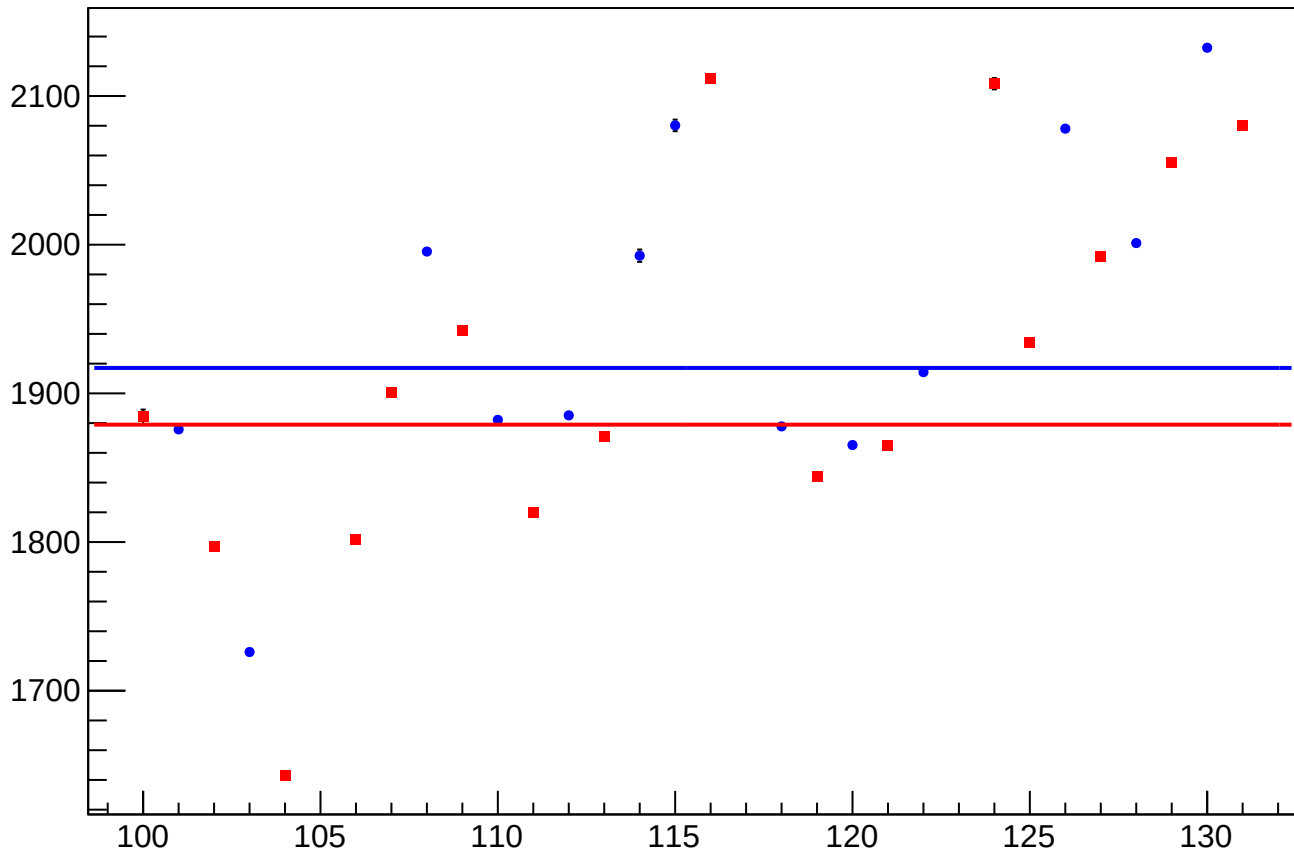
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 3.566+/-0.551 χ^2 /NDF: 2330.9/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm0i05Y_rms vs Slug



Right In: 1917.112 $\pm$ 0.577 χ^2 /NDF: 37740.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1878.947 $\pm$ 0.529 χ^2 /NDF: 55085.1/15

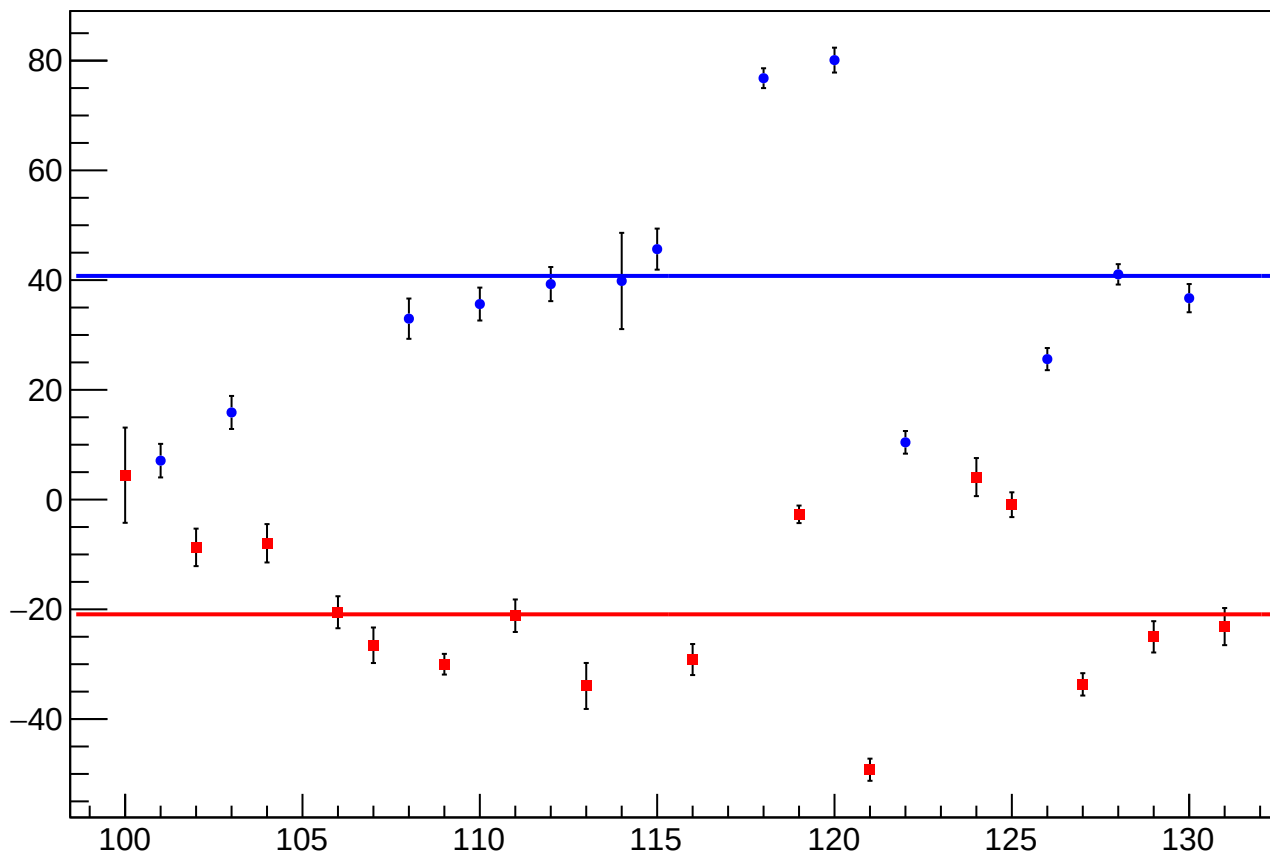
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1896.360 $\pm$ 0.390 χ^2 /NDF: 95202.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i07X_mean vs Slug



Right In: 40.765 $\pm$ 0.705 χ^2 /NDF: 1172.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -20.913 $\pm$ 0.654 χ^2 /NDF: 578.6/15

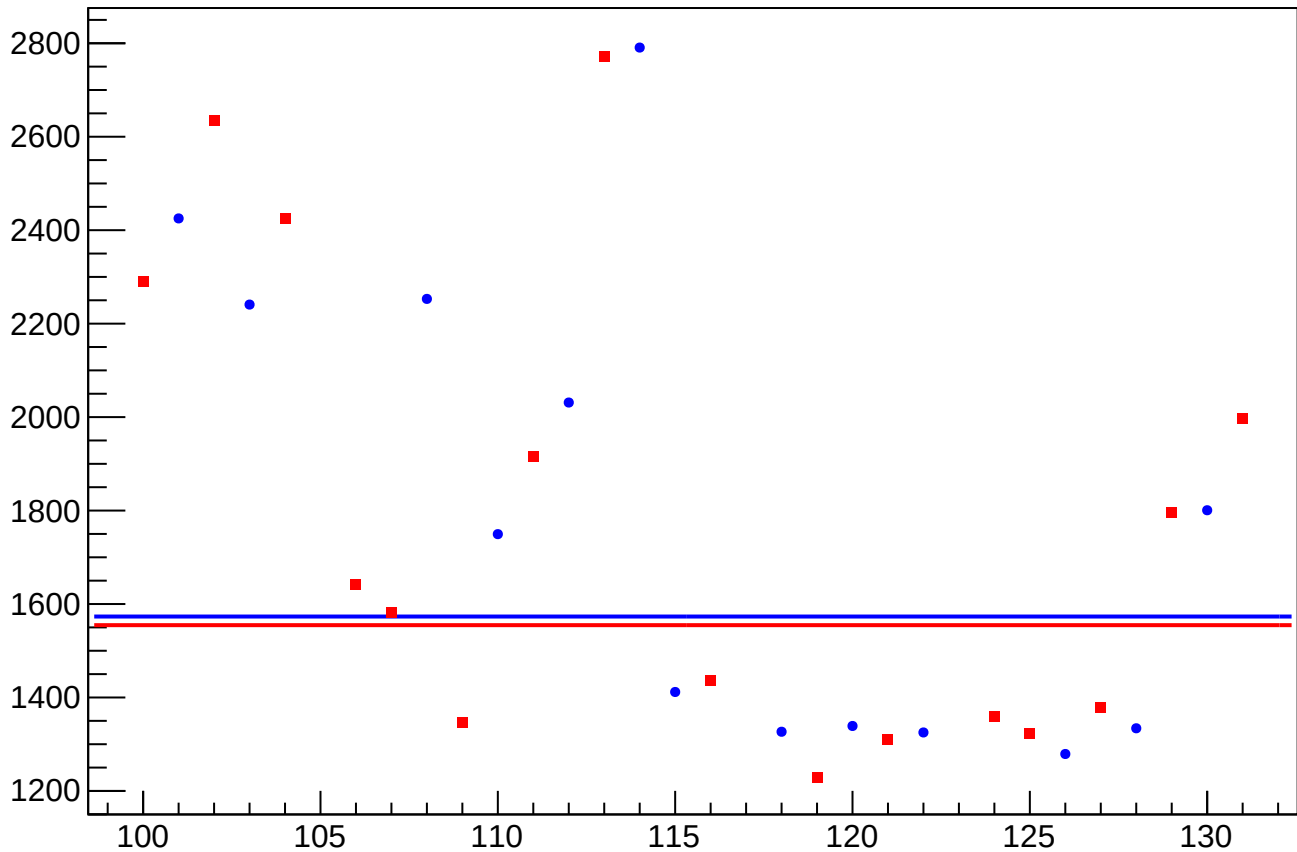
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.615 $\pm$ 0.479 χ^2 /NDF: 5865.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i07X_rms vs Slug



Right In: 1573.253+/-0.498 χ^2/NDF : 593314.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

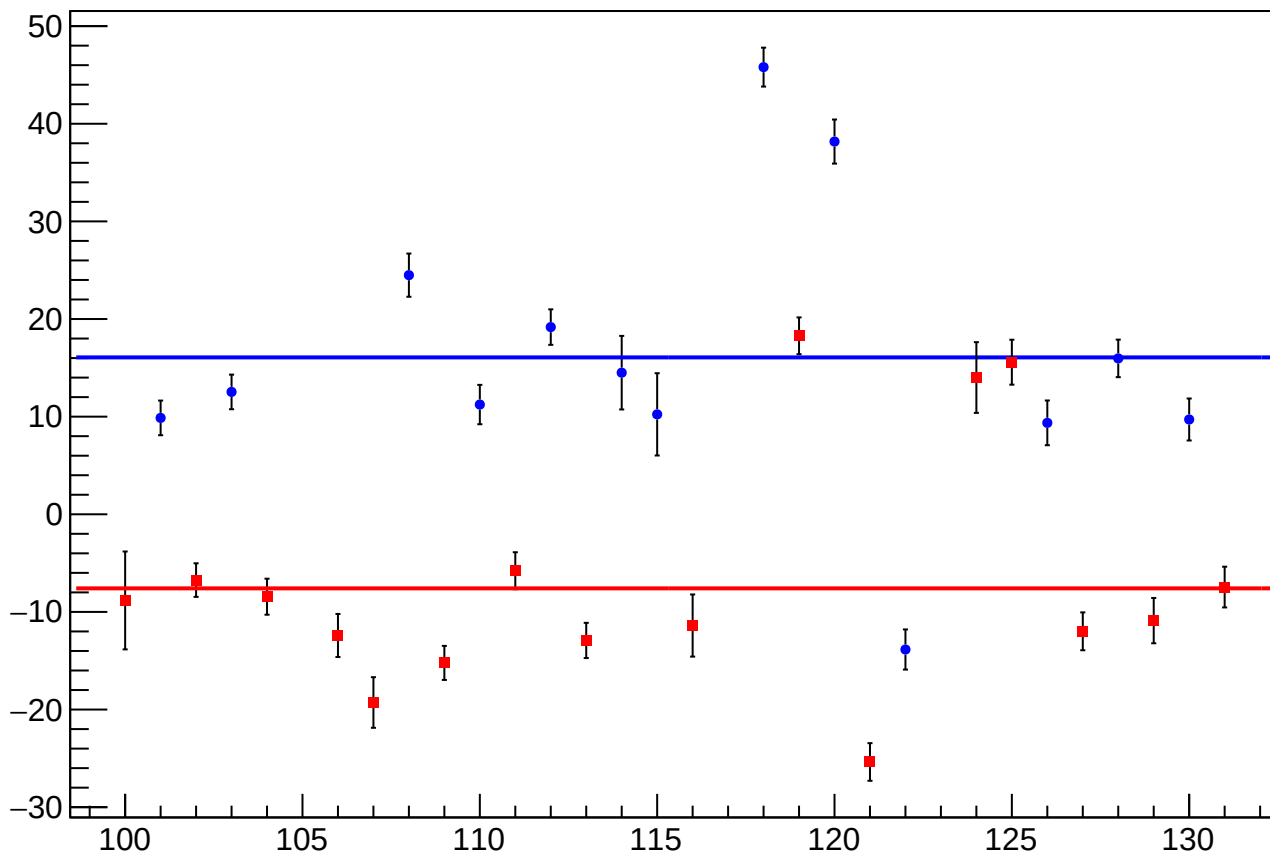
Right Out: 1554.775+/-0.462 χ^2/NDF : 769888.4/15

All: 1563.322+/-0.339 χ^2/NDF : 1363941.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i07Y_mean vs Slug



Right In: 16.069+/-0.589 χ^2 /NDF: 589.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -7.587+/-0.532 χ^2 /NDF: 473.6/15

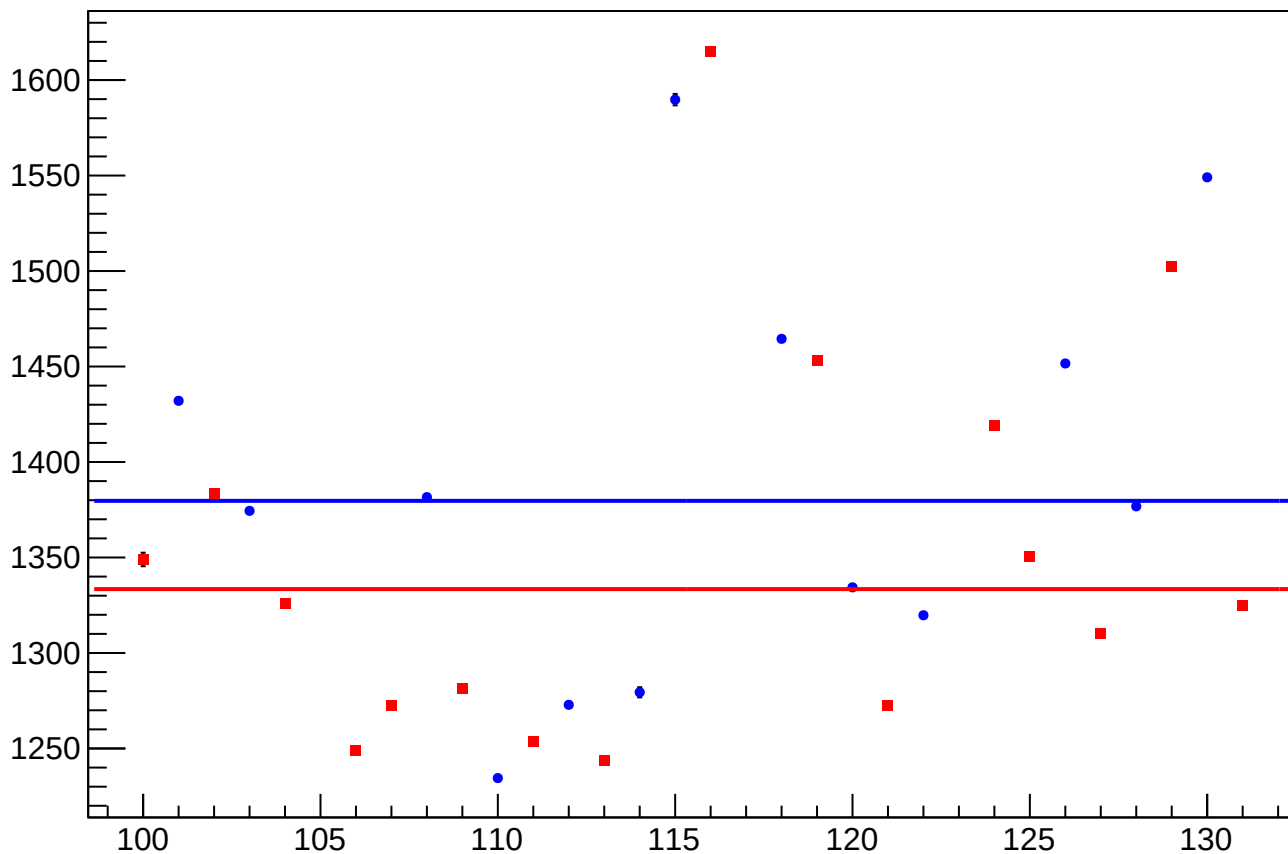
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 3.025+/-0.395 χ^2 /NDF: 1951.2/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm0i07Y_rms vs Slug



Right In: 1379.657 $\pm$ 0.417 χ^2 /NDF: 45952.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1333.446 $\pm$ 0.376 χ^2 /NDF: 53982.3/15

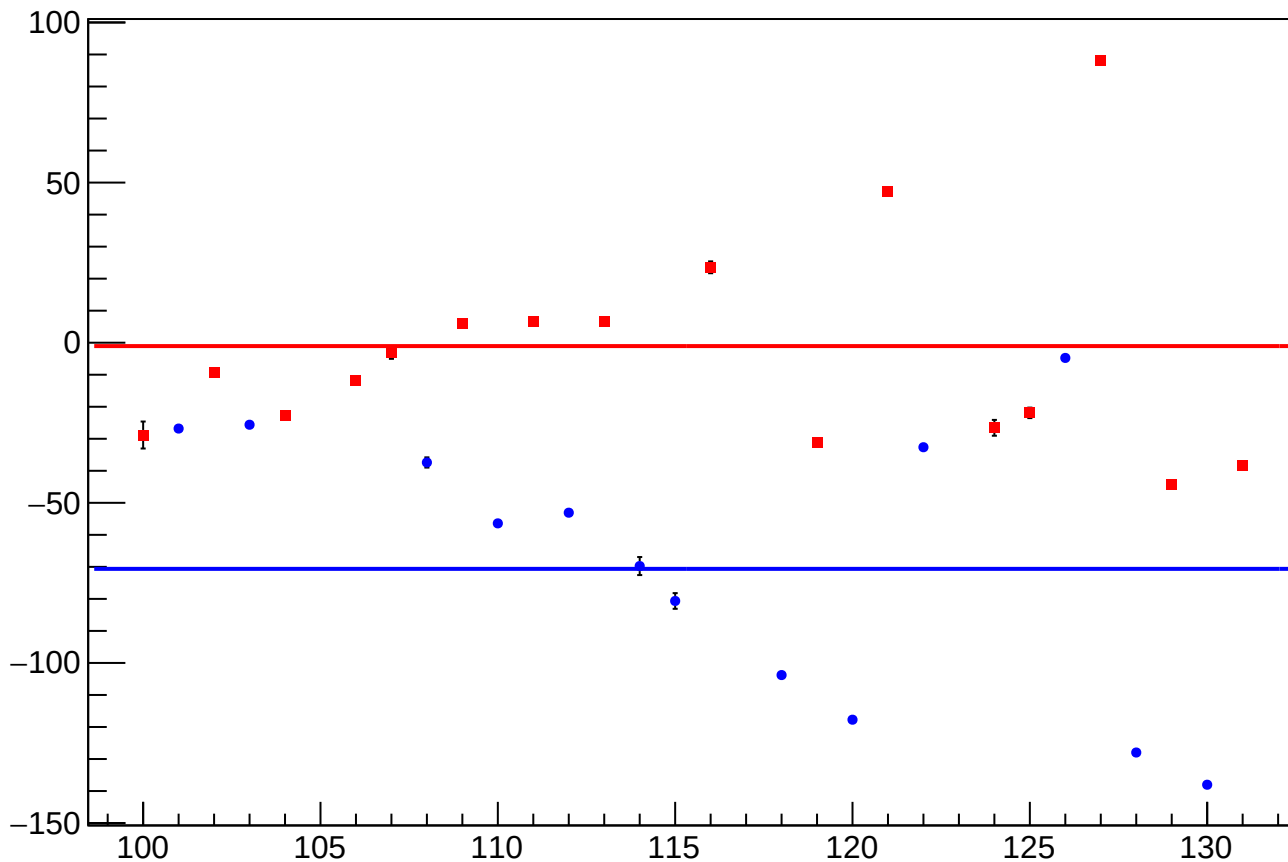
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1354.177 $\pm$ 0.279 χ^2 /NDF: 106713.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i02X_mean vs Slug



Right In: -70.622+/-0.405 χ^2/NDF : 11899.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.057+/-0.377 χ^2/NDF : 8415.9/15

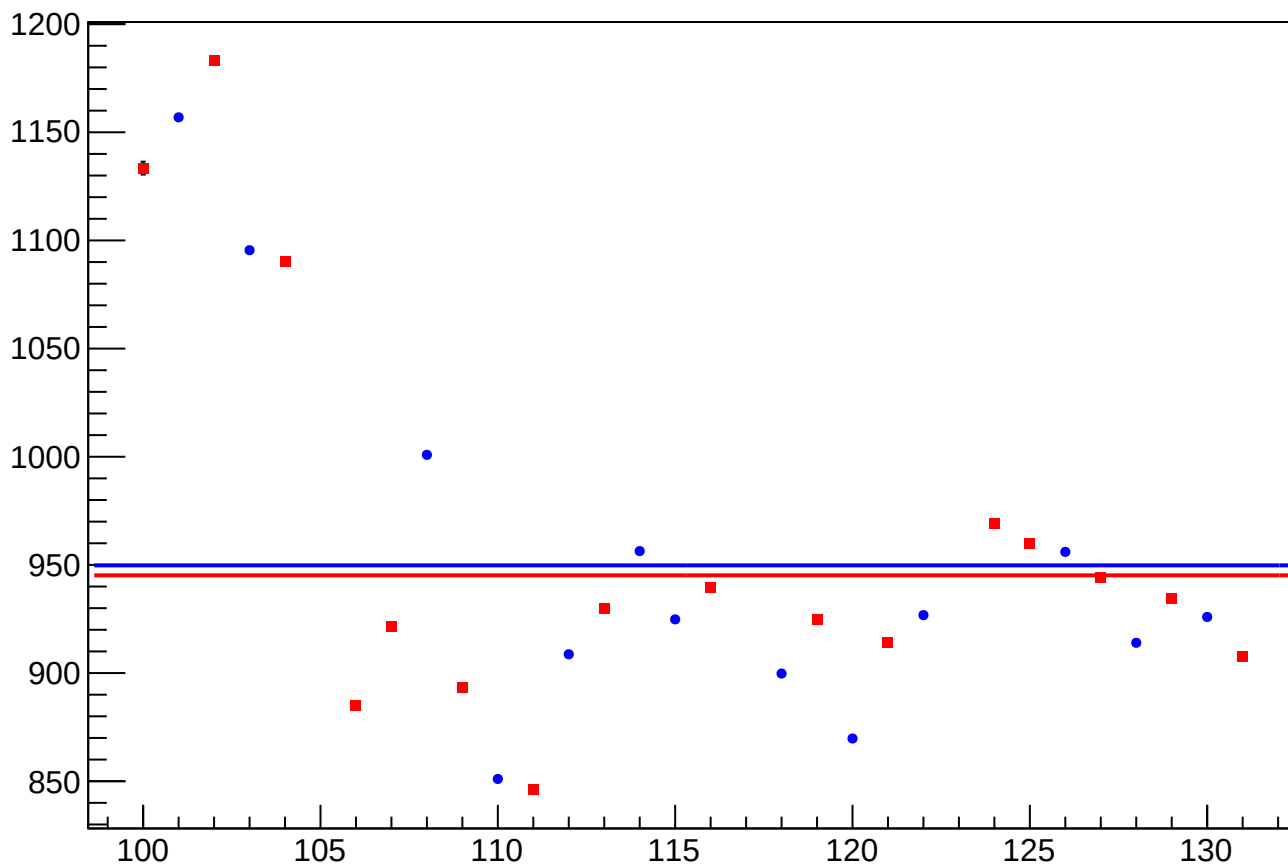
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.297+/-0.276 χ^2/NDF : 36129.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1i02X_rms vs Slug



Right In: 949.780 $\pm$ 0.287 χ^2 /NDF: 89978.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 945.172 $\pm$ 0.266 χ^2 /NDF: 97776.4/15

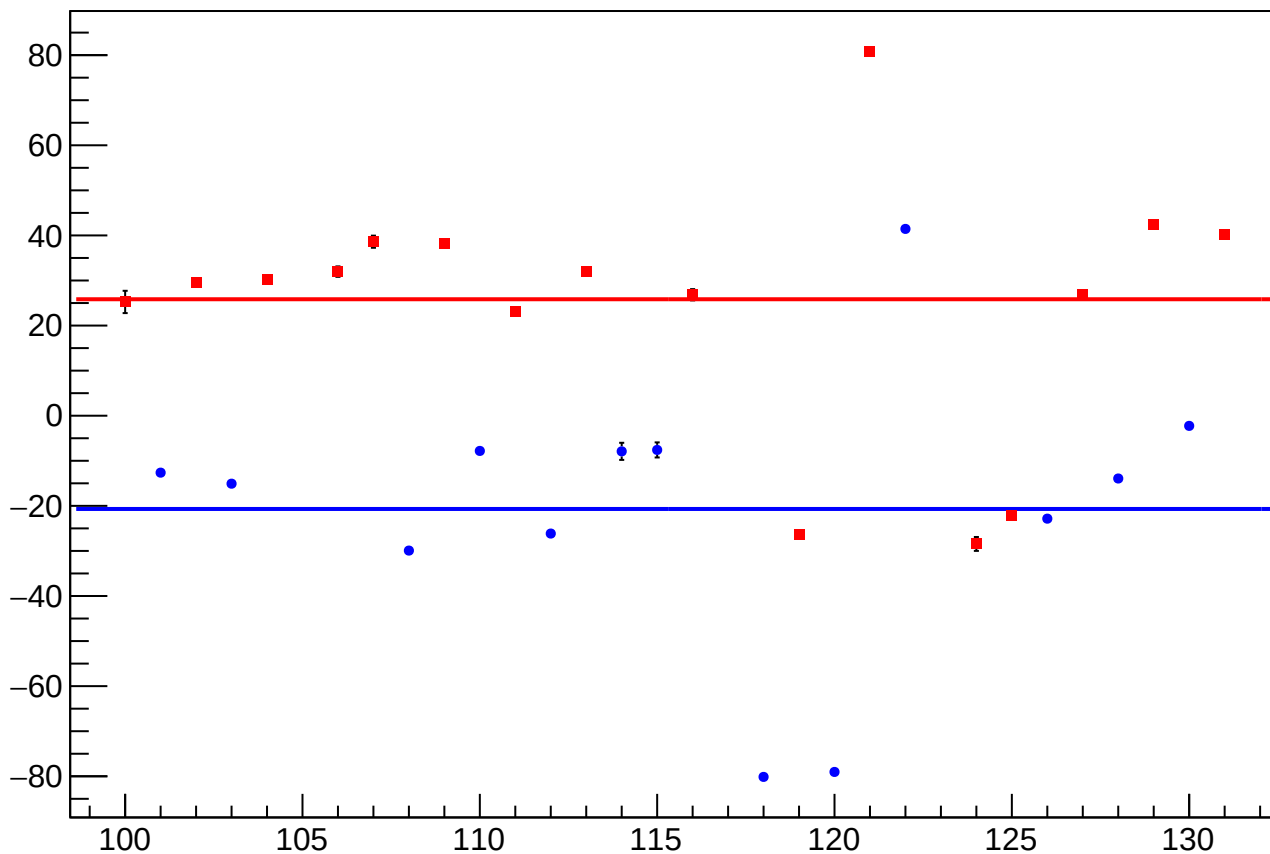
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 947.308 $\pm$ 0.195 χ^2 /NDF: 187893.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i02Y_mean vs Slug



Right In: -20.691+/-0.271 χ^2/NDF : 13003.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.840+/-0.252 χ^2/NDF : 12188.2/15

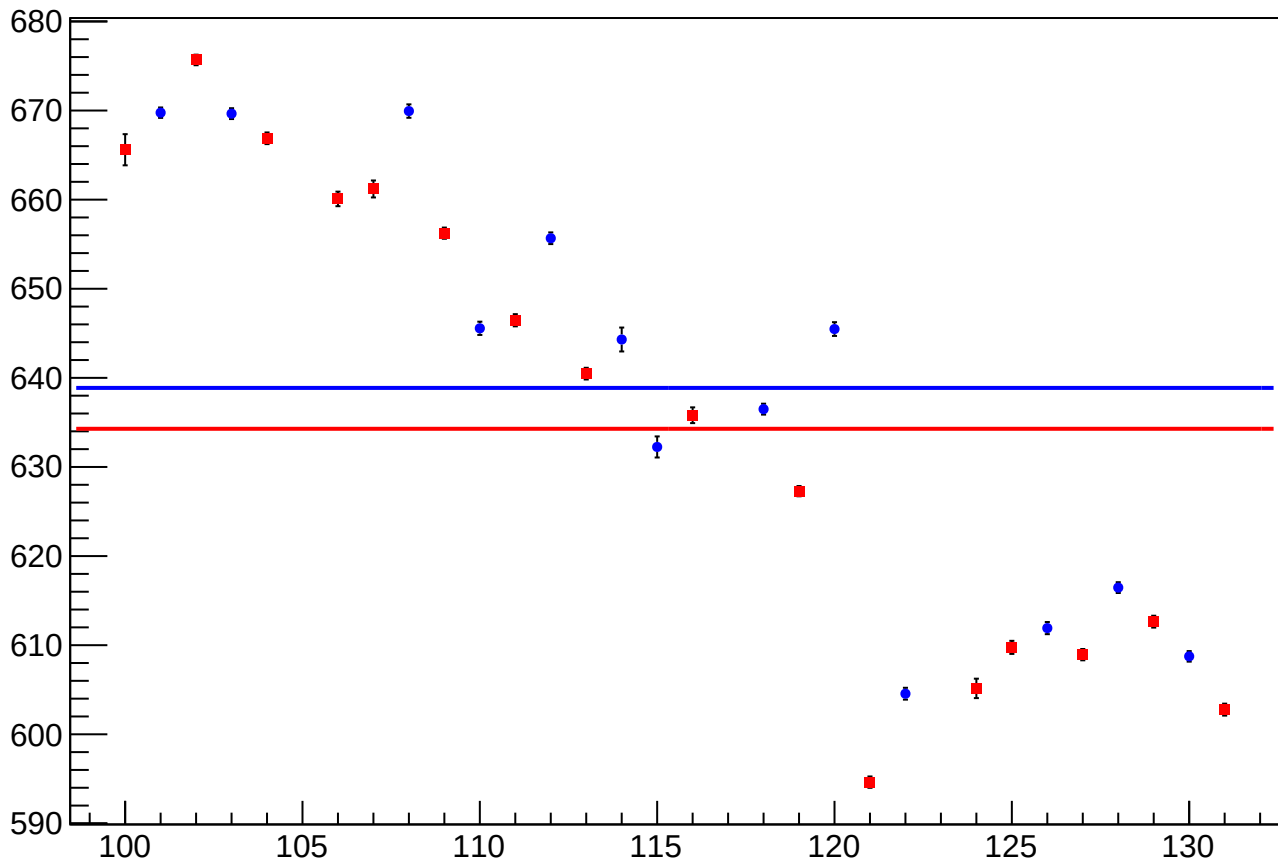
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.321+/-0.185 χ^2/NDF : 40981.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1i02Y_rms vs Slug



Right In: 638.873 $\pm$ 0.192 χ^2 /NDF: 16114.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 634.285 $\pm$ 0.178 χ^2 /NDF: 21825.9/15

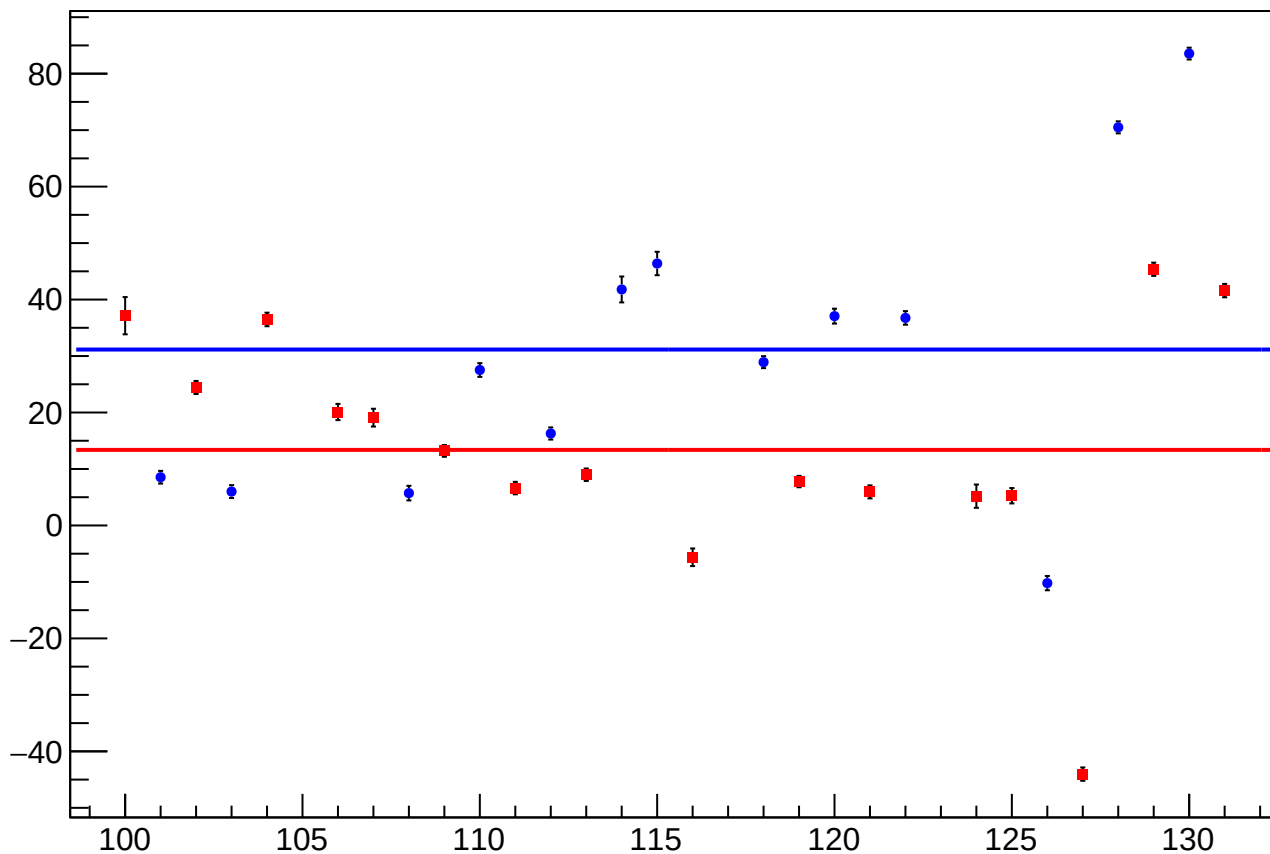
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 636.407 $\pm$ 0.131 χ^2 /NDF: 38247.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i04X_mean vs Slug



Right In: 31.150 $\pm$ 0.339 χ^2 /NDF: 6528.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.380 $\pm$ 0.315 χ^2 /NDF: 4545.5/15

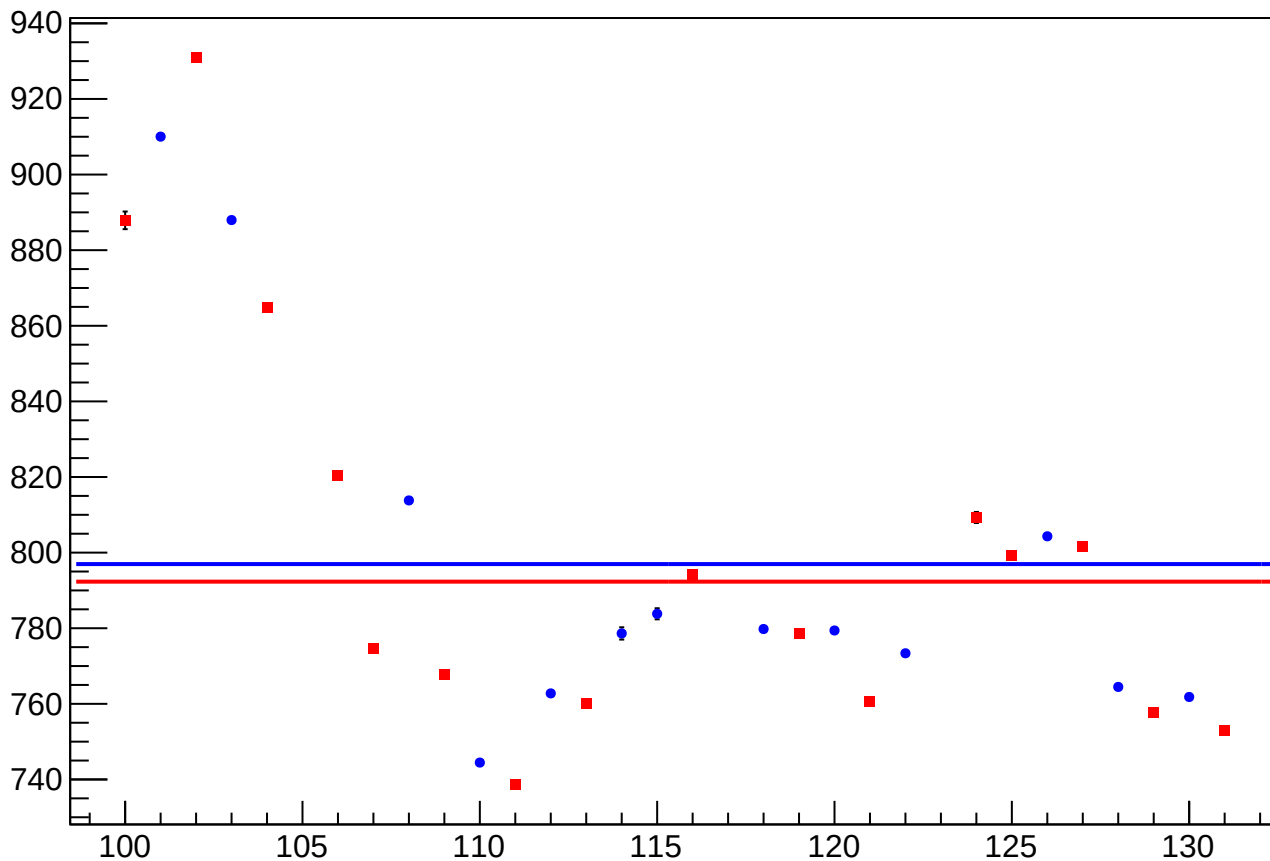
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.609 $\pm$ 0.231 χ^2 /NDF: 12547.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i04X_rms vs Slug



Right In: 796.968 $\pm$ 0.240 χ^2 /NDF: 45103.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 792.322 $\pm$ 0.223 χ^2 /NDF: 52469.0/15

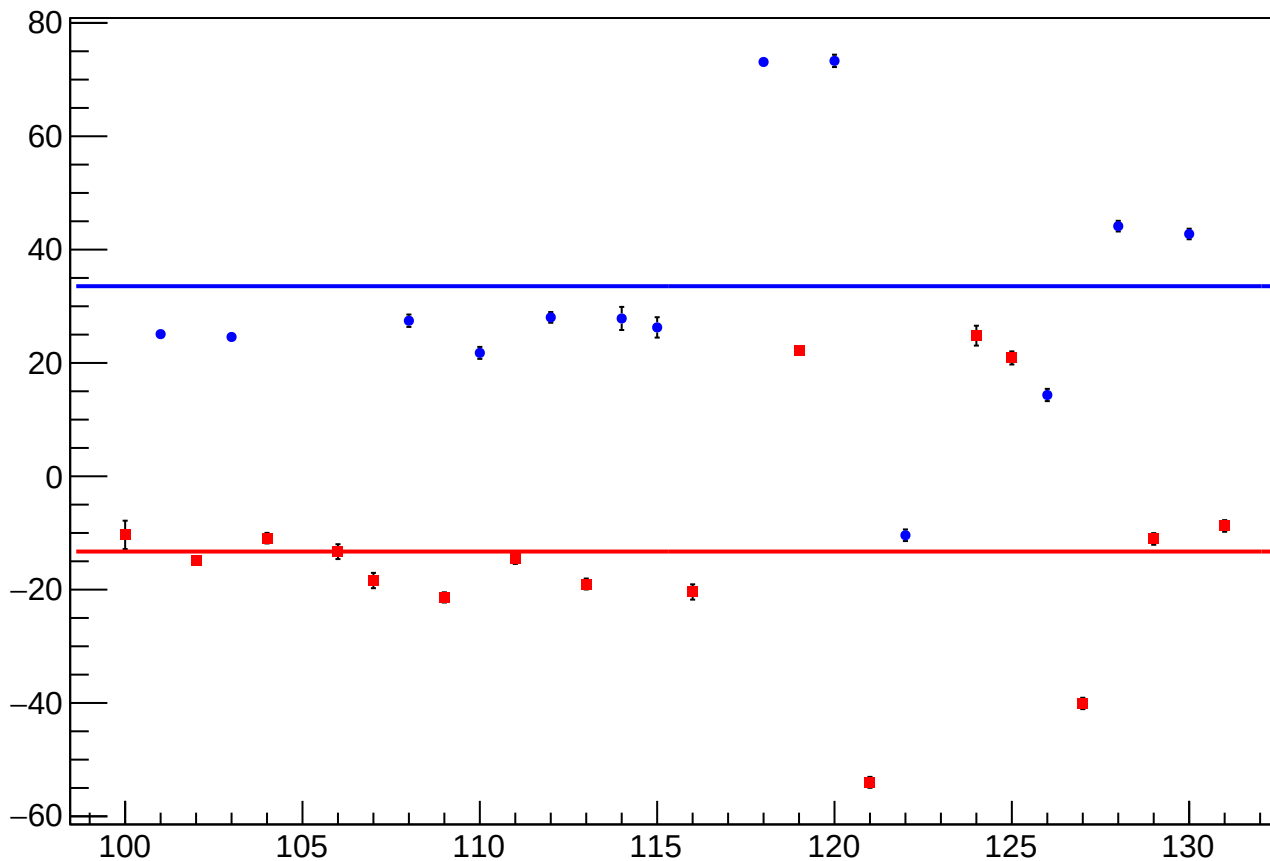
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 794.474 $\pm$ 0.163 χ^2 /NDF: 97774.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i04Y_mean vs Slug



Right In: 33.543+/-0.285 χ^2/NDF : 6154.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.278+/-0.266 χ^2/NDF : 5796.1/15

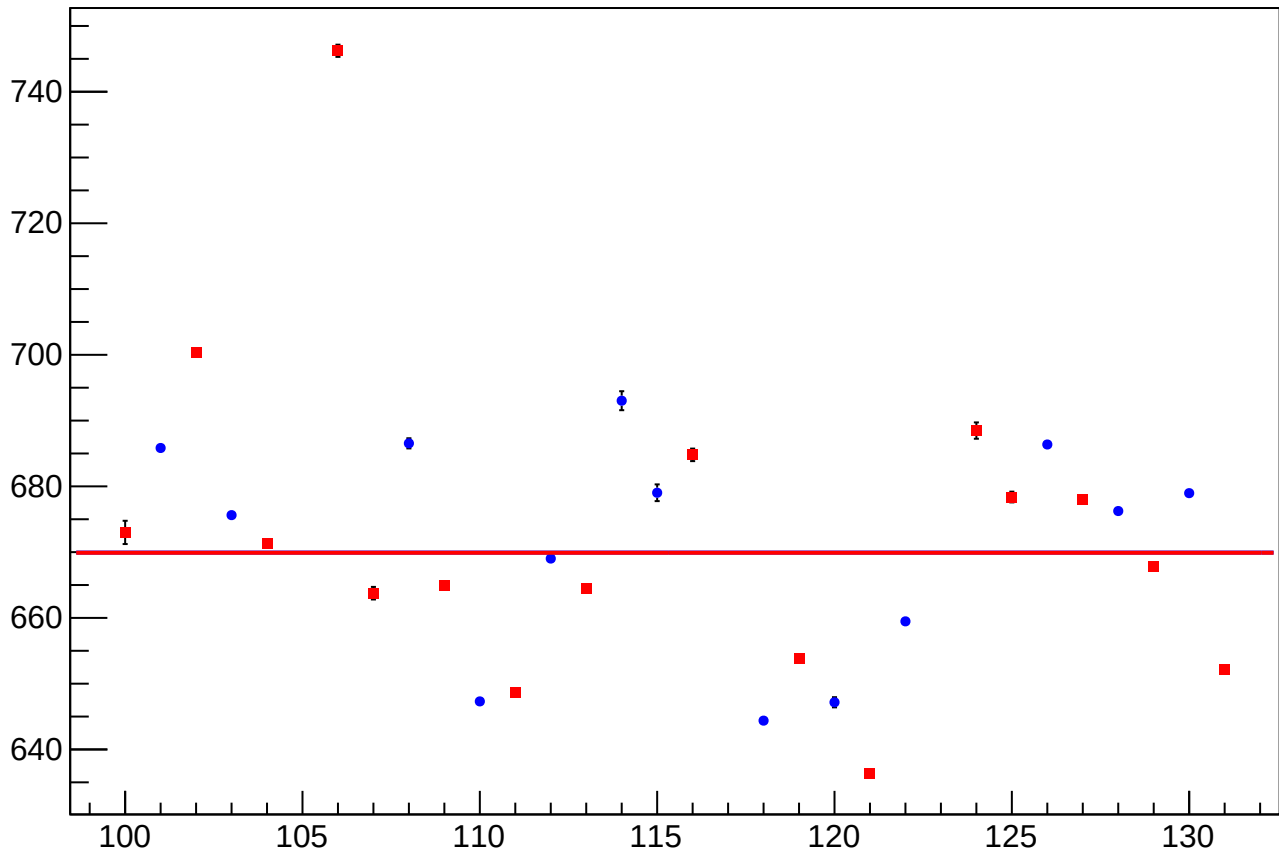
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.554+/-0.194 χ^2/NDF : 26394.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1i04Y_rms vs Slug



Right In: 669.933 $\pm$ 0.201 χ^2 /NDF: 5996.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 669.906 $\pm$ 0.188 χ^2 /NDF: 14820.7/15

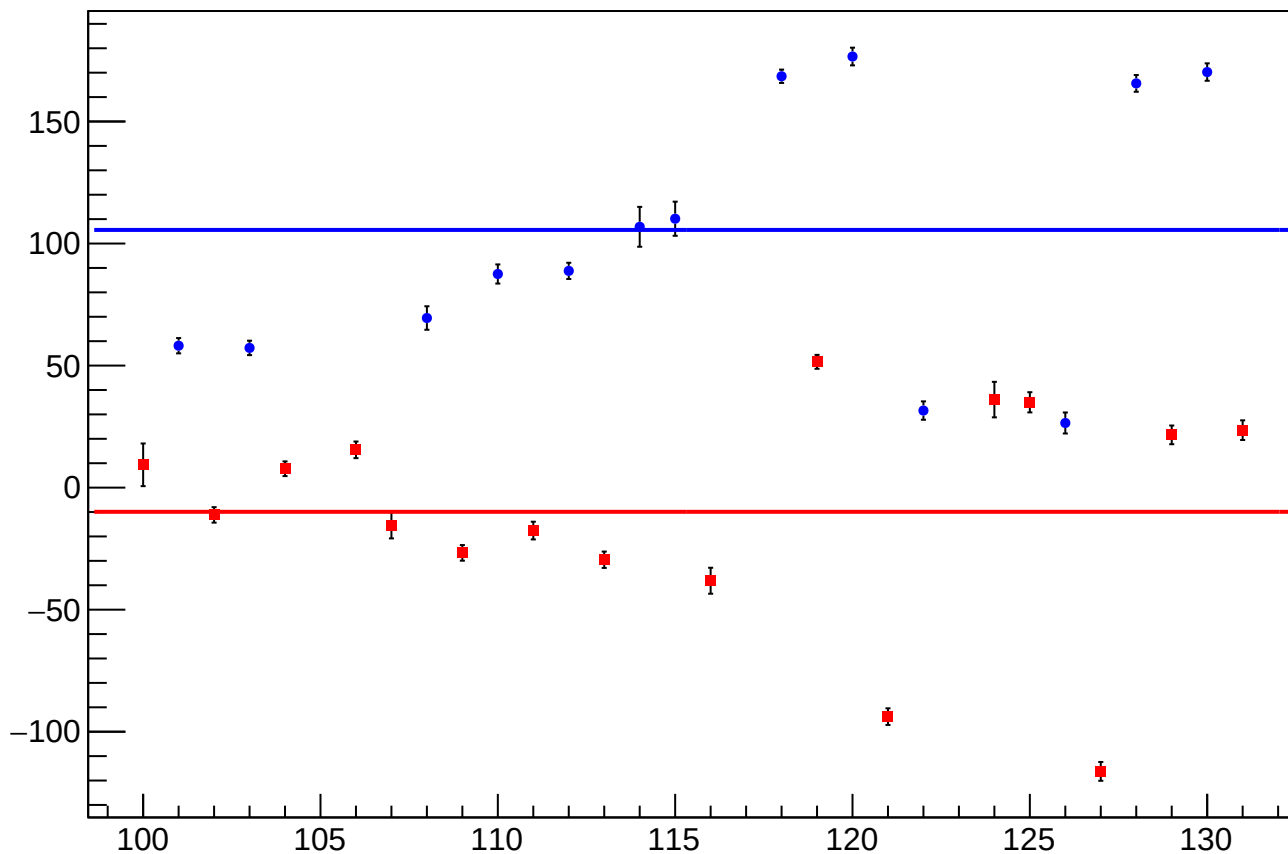
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 669.919 $\pm$ 0.137 χ^2 /NDF: 20817.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i06X_mean vs Slug



Right In: 105.577 $\pm$ 1.027 χ^2 /NDF: 2871.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -9.912 $\pm$ 0.943 χ^2 /NDF: 2314.0/15

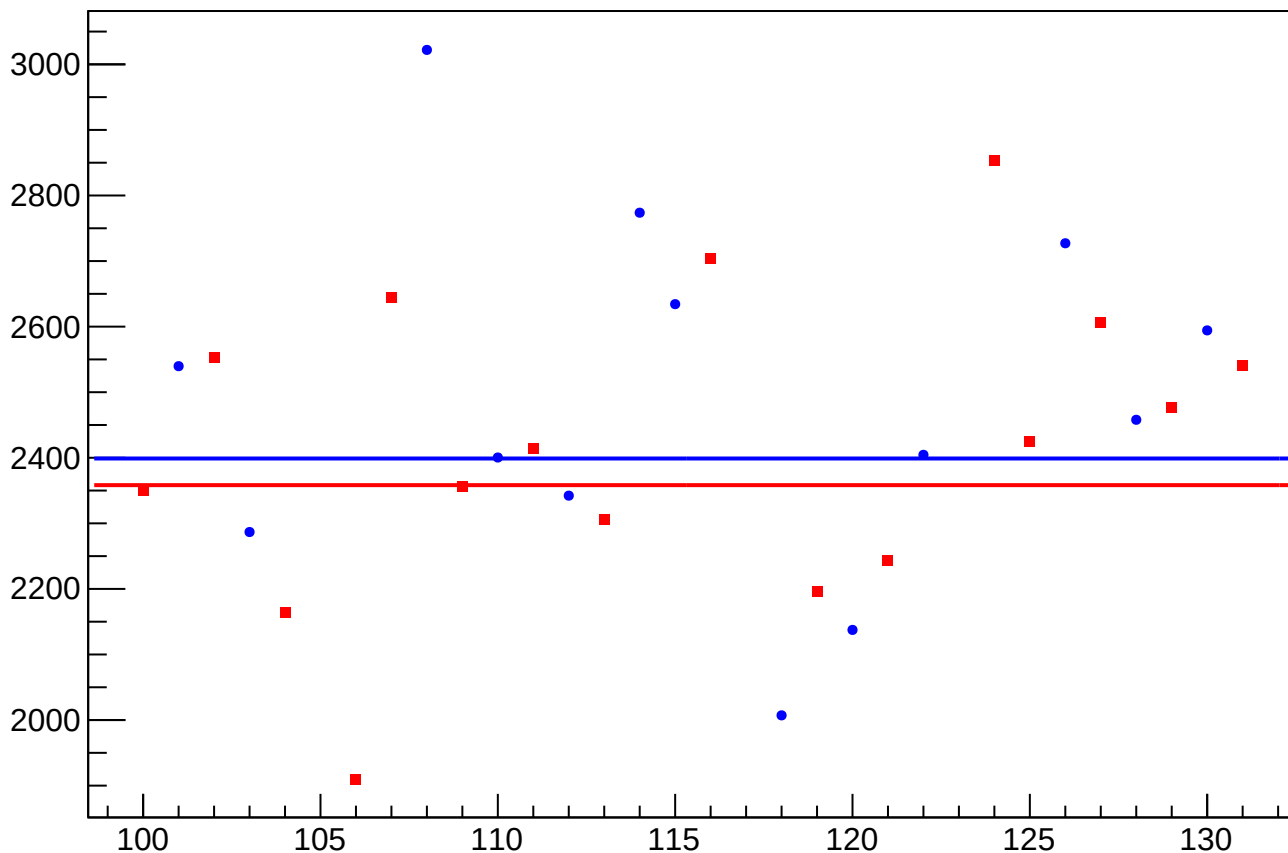
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 42.905 $\pm$ 0.695 χ^2 /NDF: 12045.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i06X_rms vs Slug



Right In: 2398.893+/-0.726 χ^2/NDF : 117152.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2358.263+/-0.667 χ^2/NDF : 98537.5/15

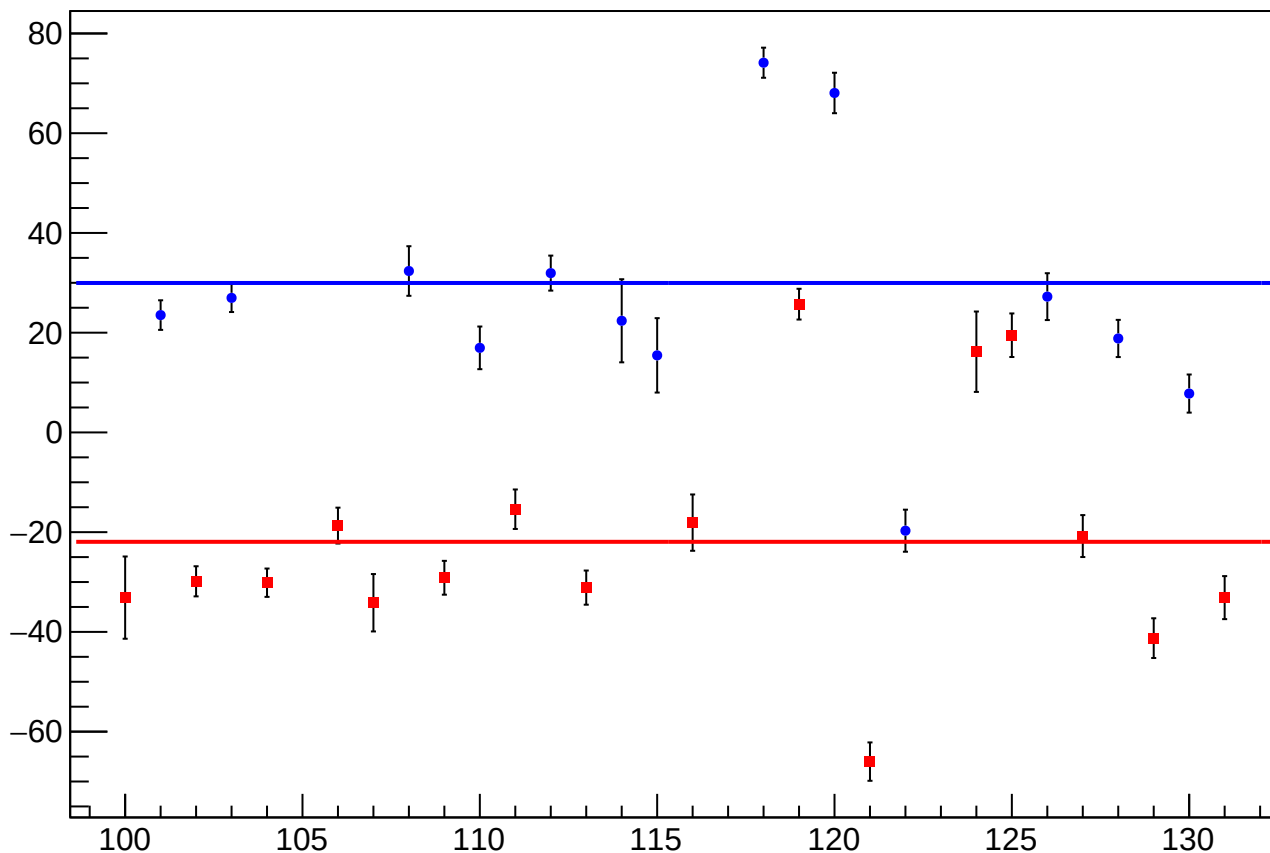
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2376.844+/-0.491 χ^2/NDF : 217387.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1i06Y_mean vs Slug



Right In: 29.969+/-1.079 χ^2/NDF : 504.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.936+/-0.982 χ^2/NDF : 549.9/15

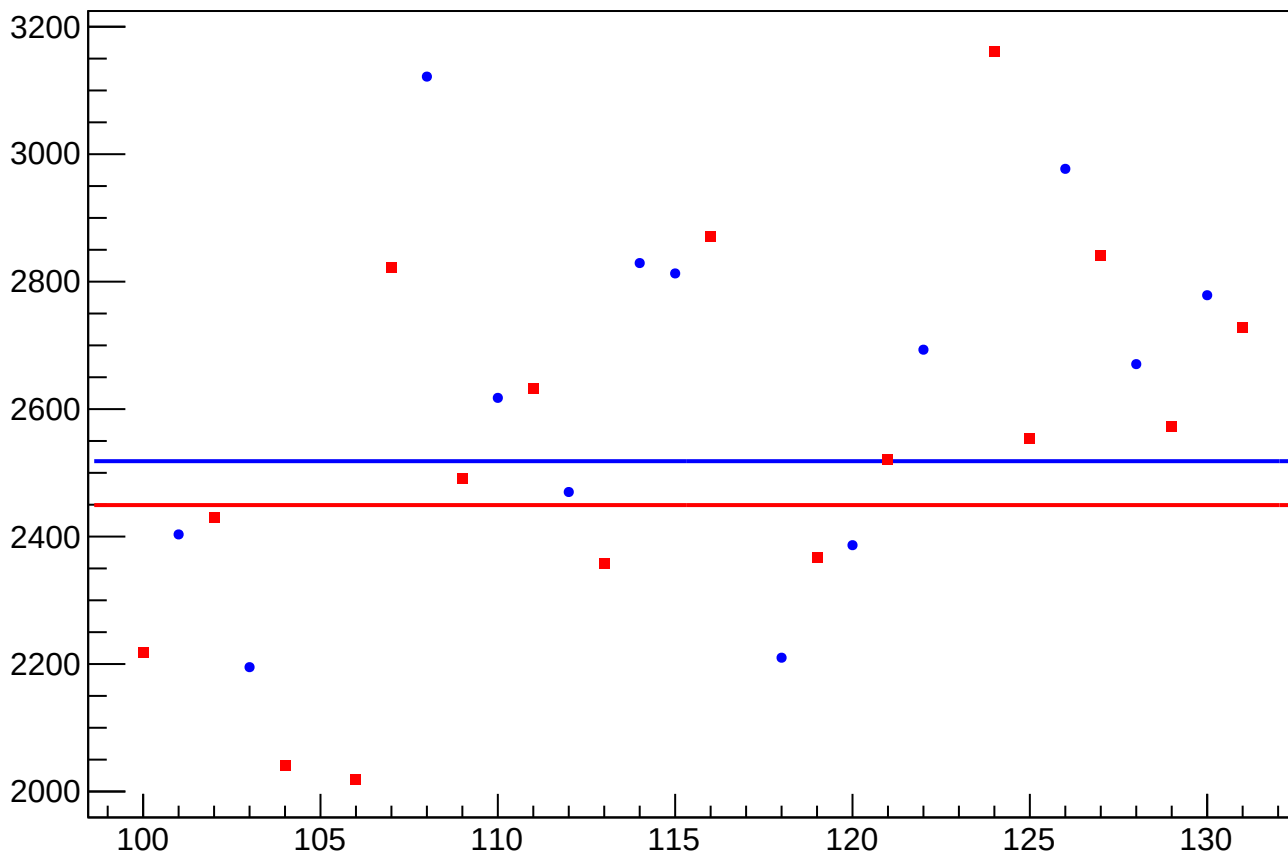
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.585+/-0.726 χ^2/NDF : 2319.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1i06Y_rms vs Slug



Right In: 2518.314+/-0.763 χ^2/NDF : 123920.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2449.414+/-0.695 χ^2/NDF : 143529.2/15

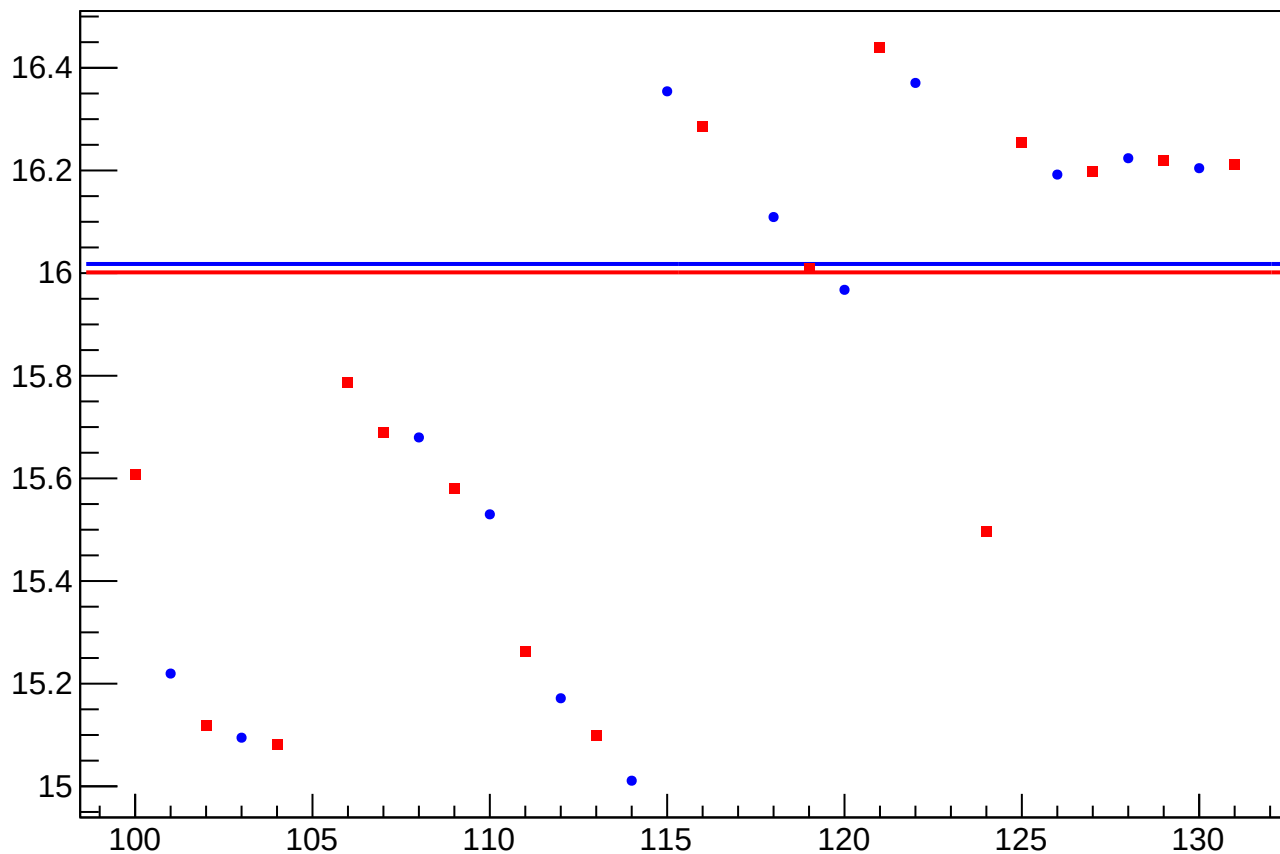
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2480.636+/-0.514 χ^2/NDF : 271909.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam1_mean vs Slug



Right In: 16.018+/-0.000 χ^2/NDF : 2677422599.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.001+/-0.000 χ^2/NDF : 3287808970.8/15

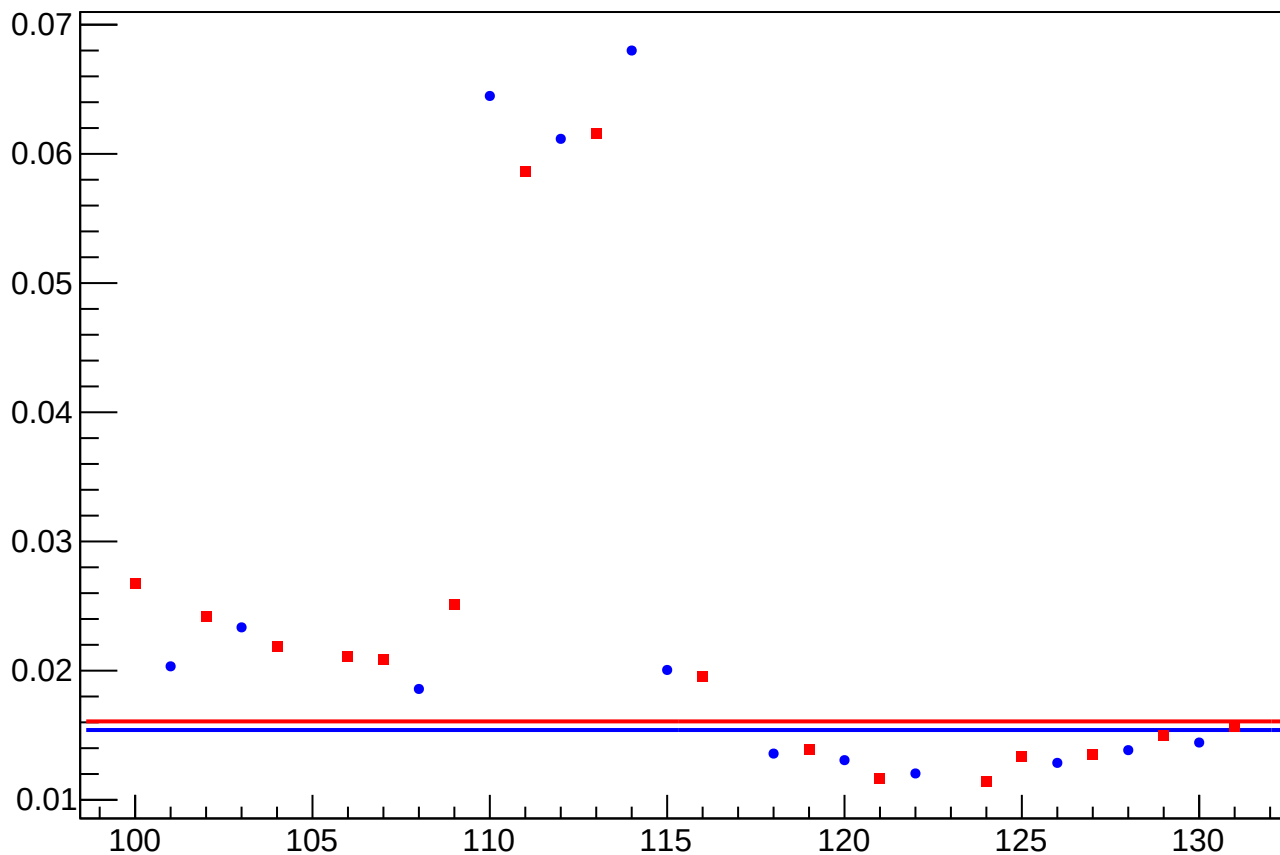
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.009+/-0.000 χ^2/NDF : 5967772377.3/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam1_rms vs Slug



Right In: 0.015 $\pm$ 0.000 χ^2 /NDF: 1413704.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.016 $\pm$ 0.000 χ^2 /NDF: 1568229.8/15

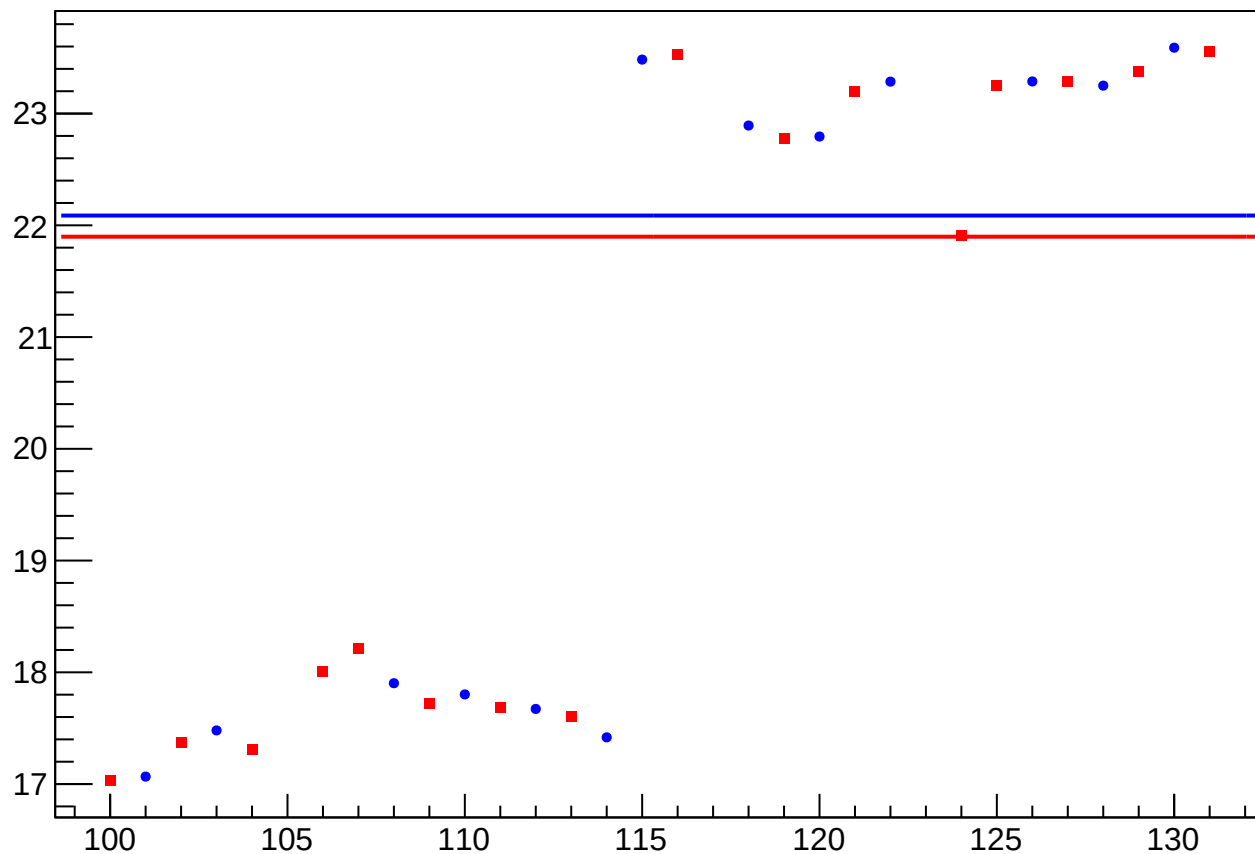
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.016 $\pm$ 0.000 χ^2 /NDF: 2990365.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam2_mean vs Slug



Right In: 22.087+/-0.000 χ^2/NDF : 1021762668.2/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

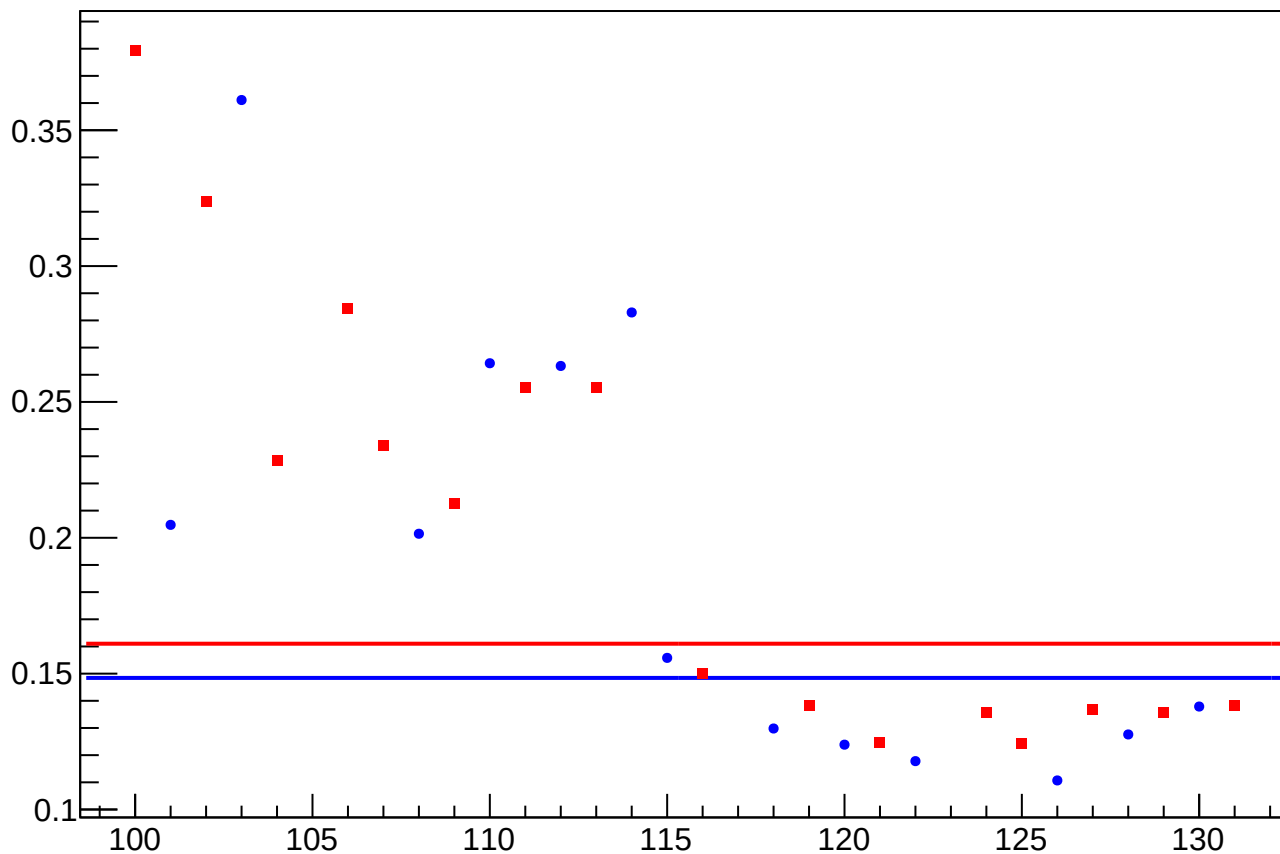
Right Out: 21.898+/-0.000 χ^2/NDF : 1069404566.2/15

All: 21.994+/-0.000 χ^2/NDF : 2094663320.3/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam2_rms vs Slug



Right In: 0.148 $\pm$ 0.000 χ^2 /NDF: 1092064.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.161 $\pm$ 0.000 χ^2 /NDF: 1066344.8/15

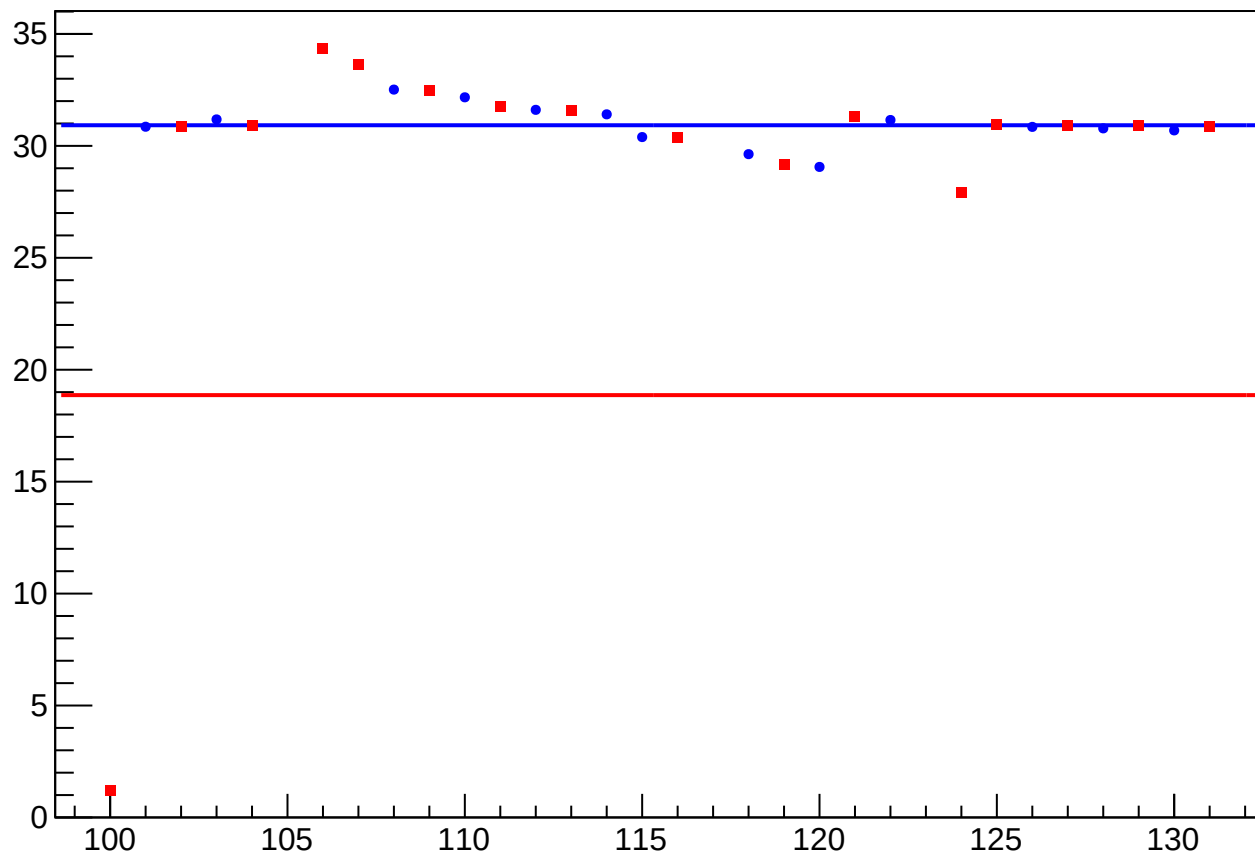
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.155 $\pm$ 0.000 χ^2 /NDF: 2189349.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam3_mean vs Slug



Right In: 30.922+/-0.000 χ^2/NDF : 353259695.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

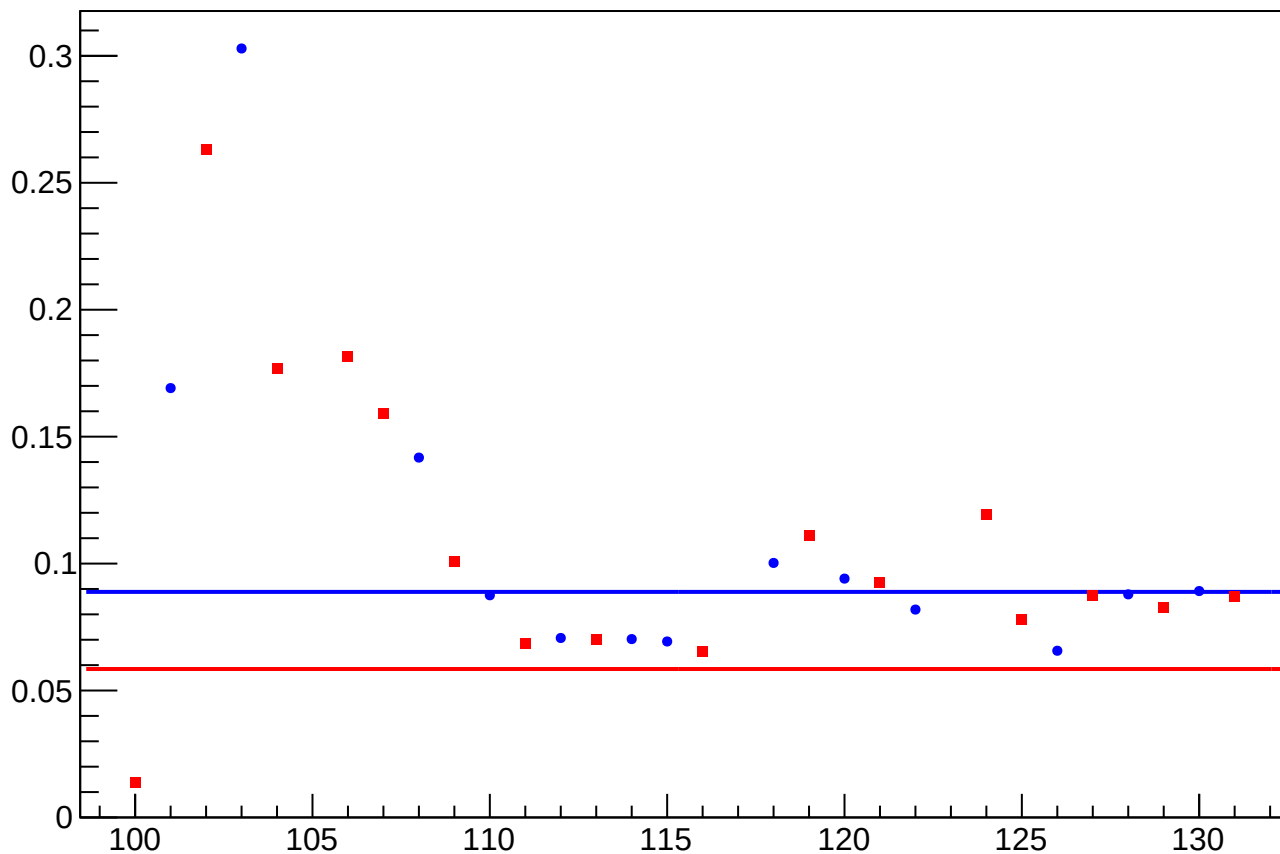
Right Out: 18.866+/-0.000 χ^2/NDF : 207099093590.2/15

All: 23.097+/-0.000 χ^2/NDF : 256044142336.

- 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: 0.089 $\pm$ 0.000 χ^2 /NDF: 1094215.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.058 $\pm$ 0.000 χ^2 /NDF: 3808997.1/15

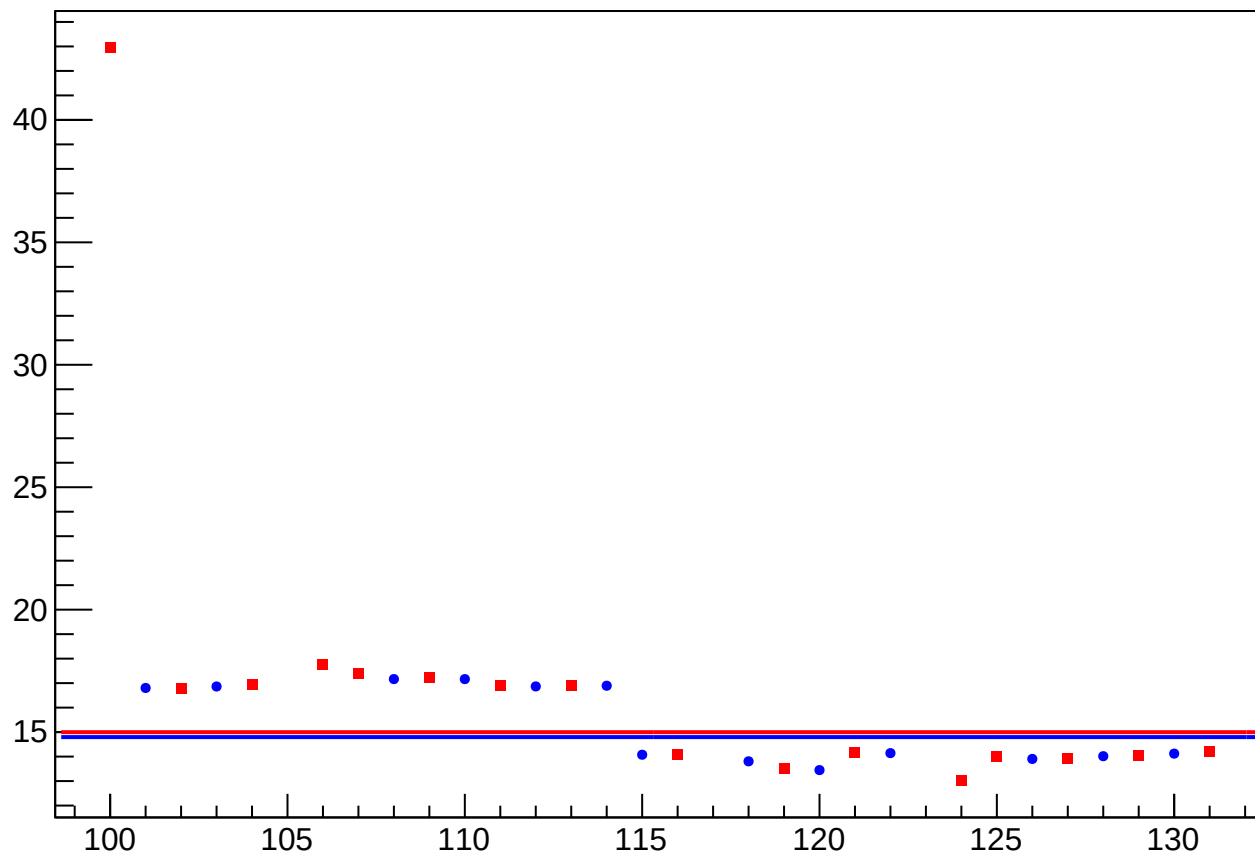
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.069 $\pm$ 0.000 χ^2 /NDF: 5520153.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam4_mean vs Slug



Right In: 14.796+/-0.000 χ^2/NDF : 1148939097.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.996+/-0.000 χ^2/NDF : 1689693546.5/15

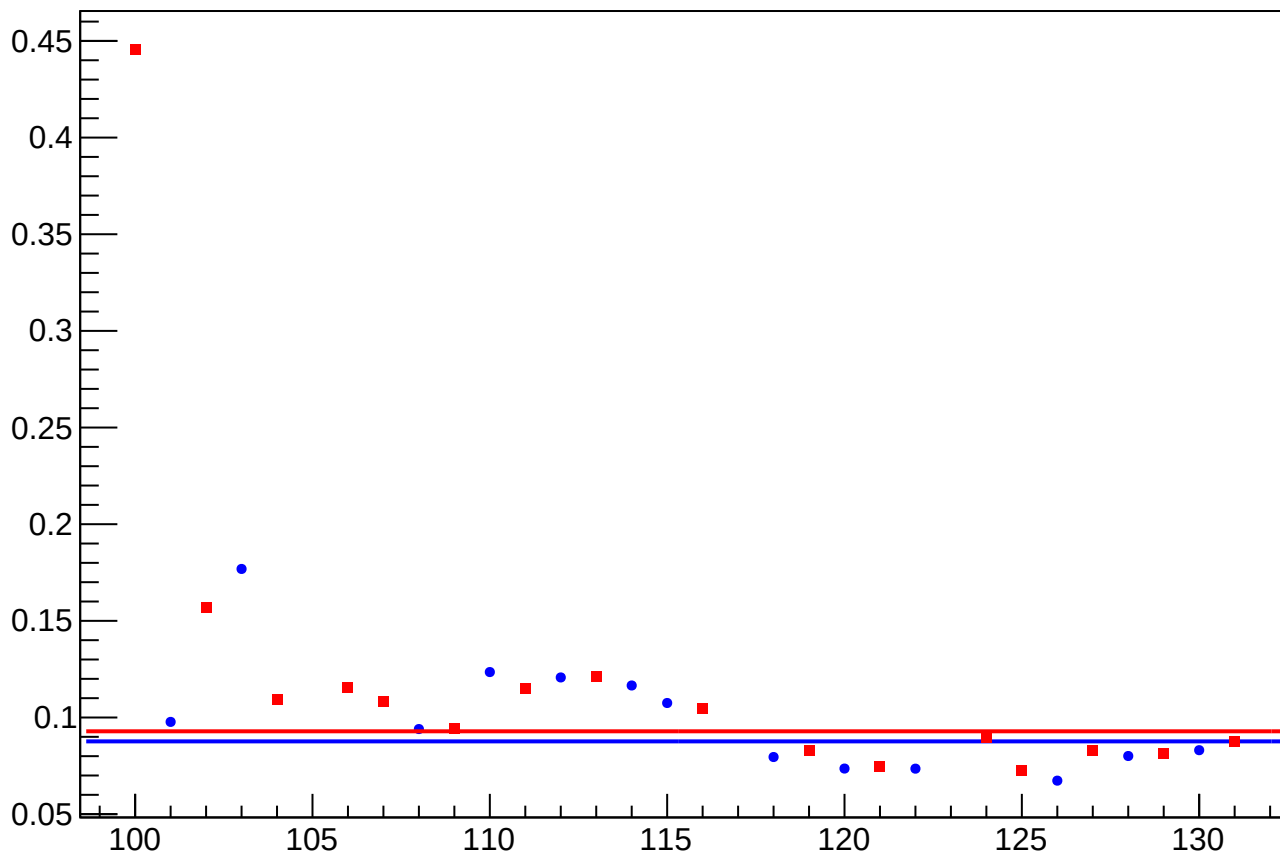
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.897+/-0.000 χ^2/NDF : 2850777893.9/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam4_rms vs Slug



Right In: 0.088+/-0.000 χ^2/NDF : 591863.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.093+/-0.000 χ^2/NDF : 552021.9/15

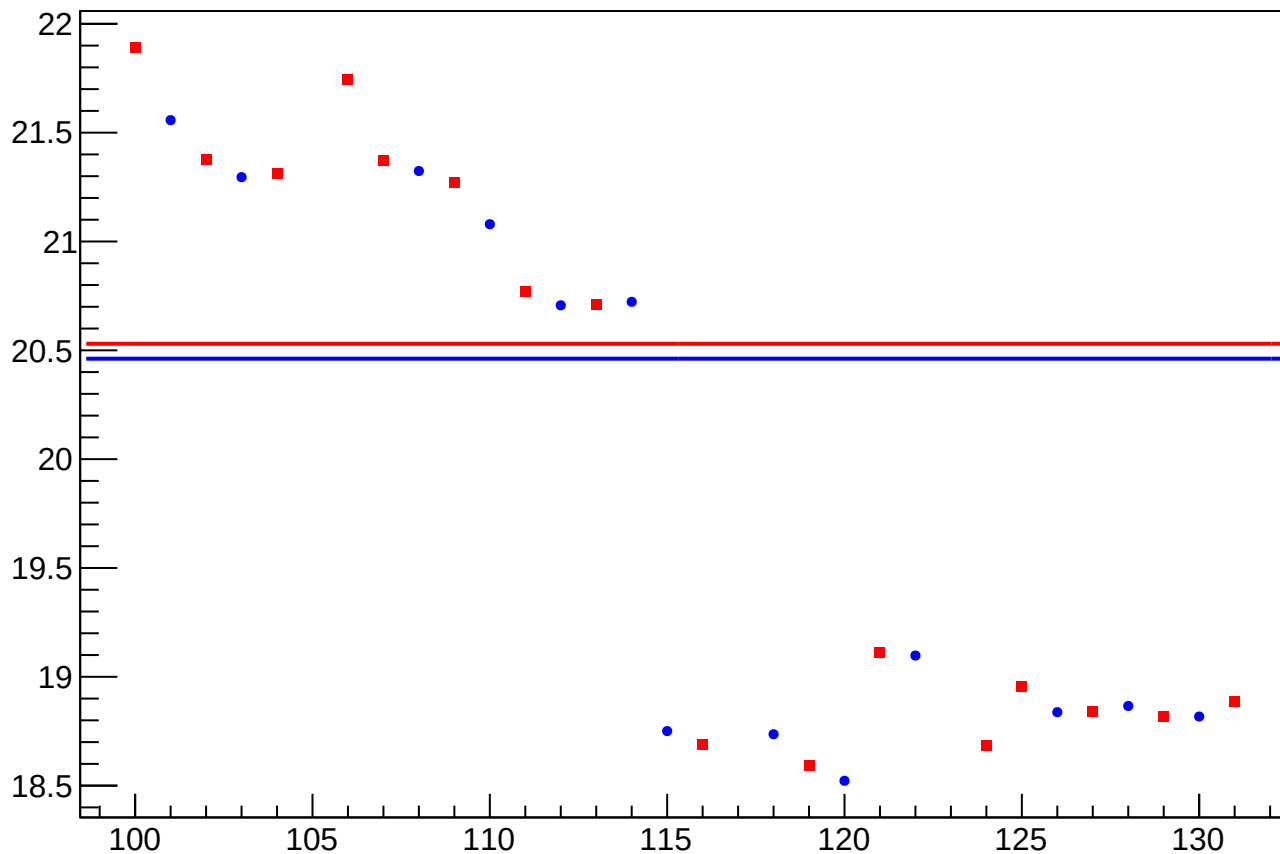
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.090+/-0.000 χ^2/NDF : 1160296.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam5_mean vs Slug



Right In: 20.461+/-0.000 χ^2/NDF : 7193555596.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.530+/-0.000 χ^2/NDF : 7344661722.3/15

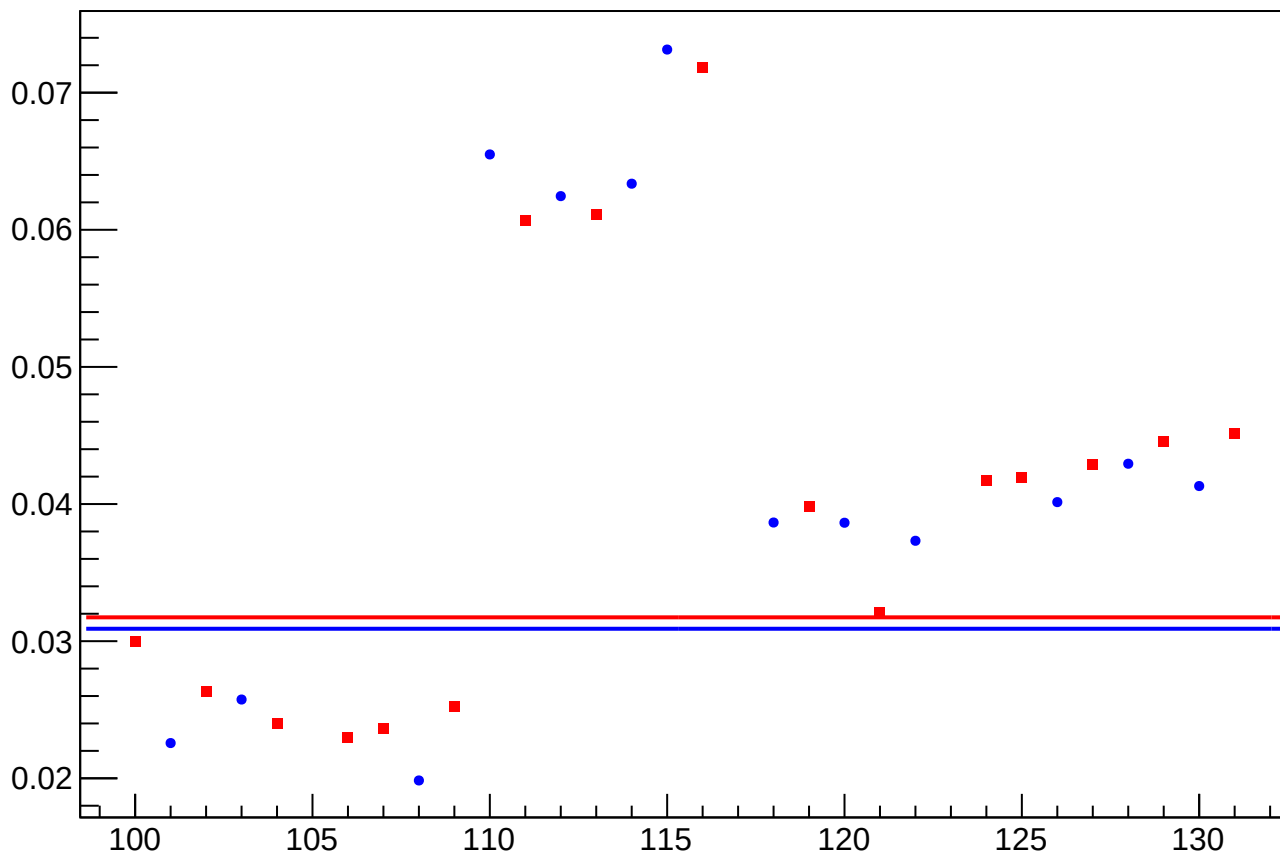
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.497+/-0.000 χ^2/NDF : 14549777474.7

- 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 : 1248404.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.032+/-0.000 χ^2/NDF : 1166791.5/15

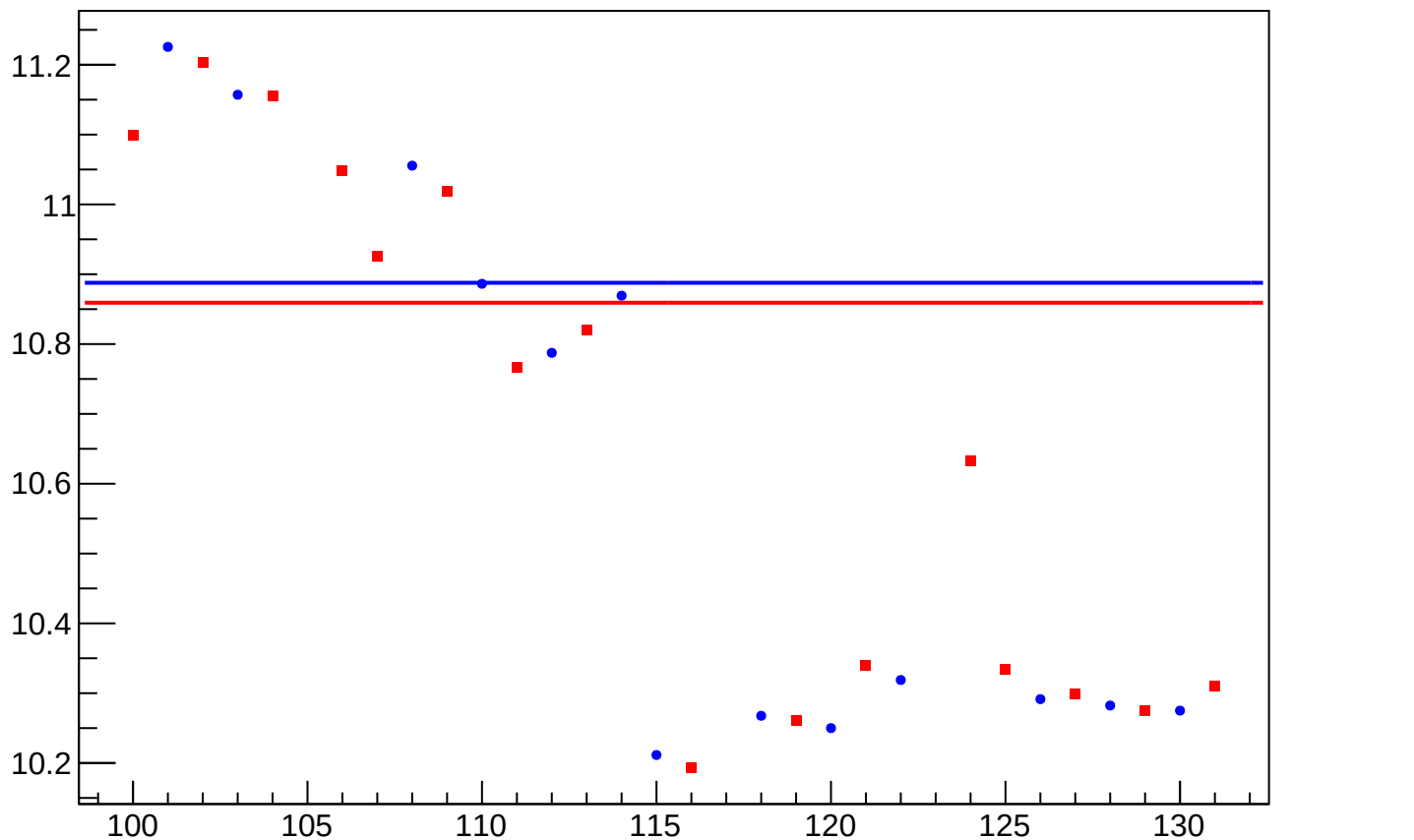
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.000 χ^2/NDF : 2418601.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam6_mean vs Slug



Right In: 10.888+/-0.000 χ^2/NDF : 3421623907.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.859+/-0.000 χ^2/NDF : 2737223320.7/15

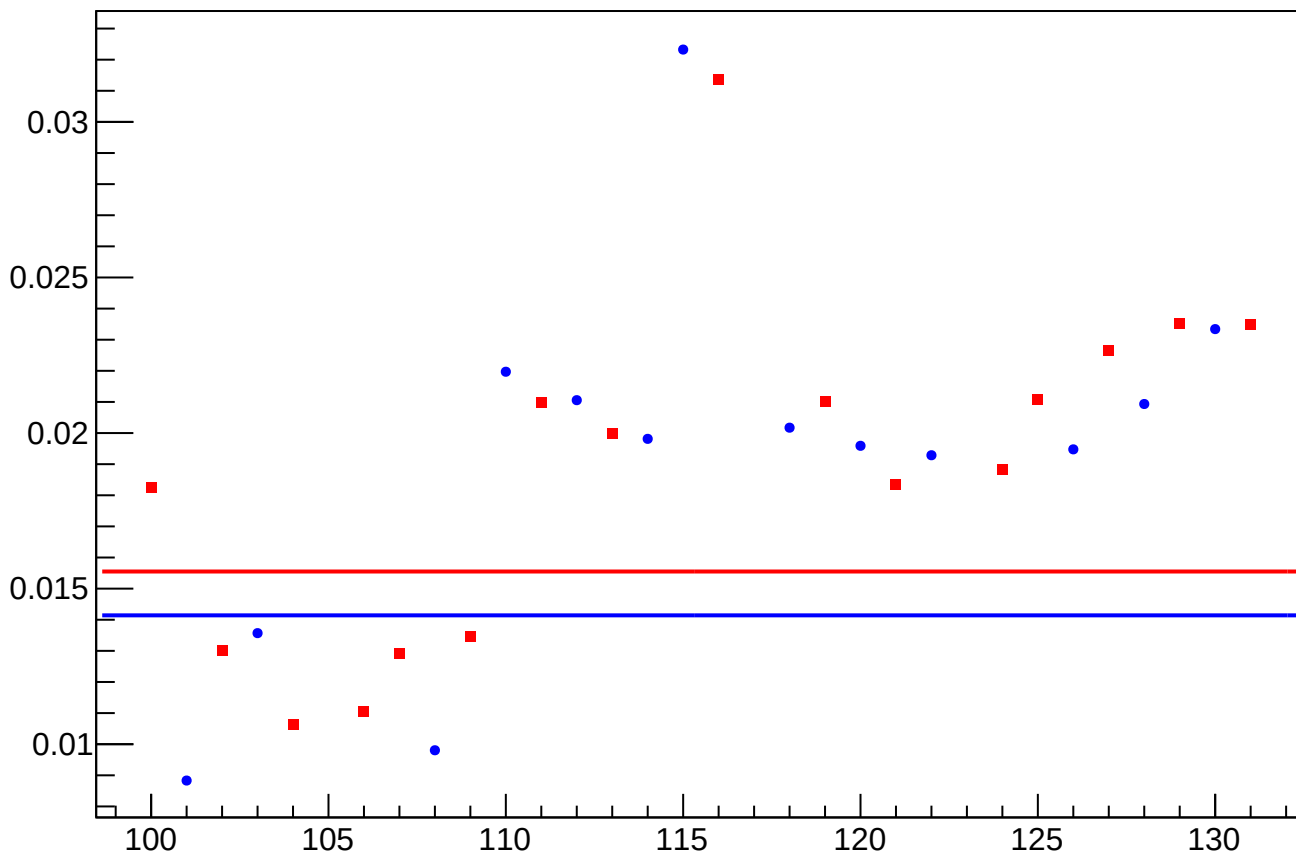
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.874+/-0.000 χ^2/NDF : 6167669136.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam6_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 1316563.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 994913.8/15

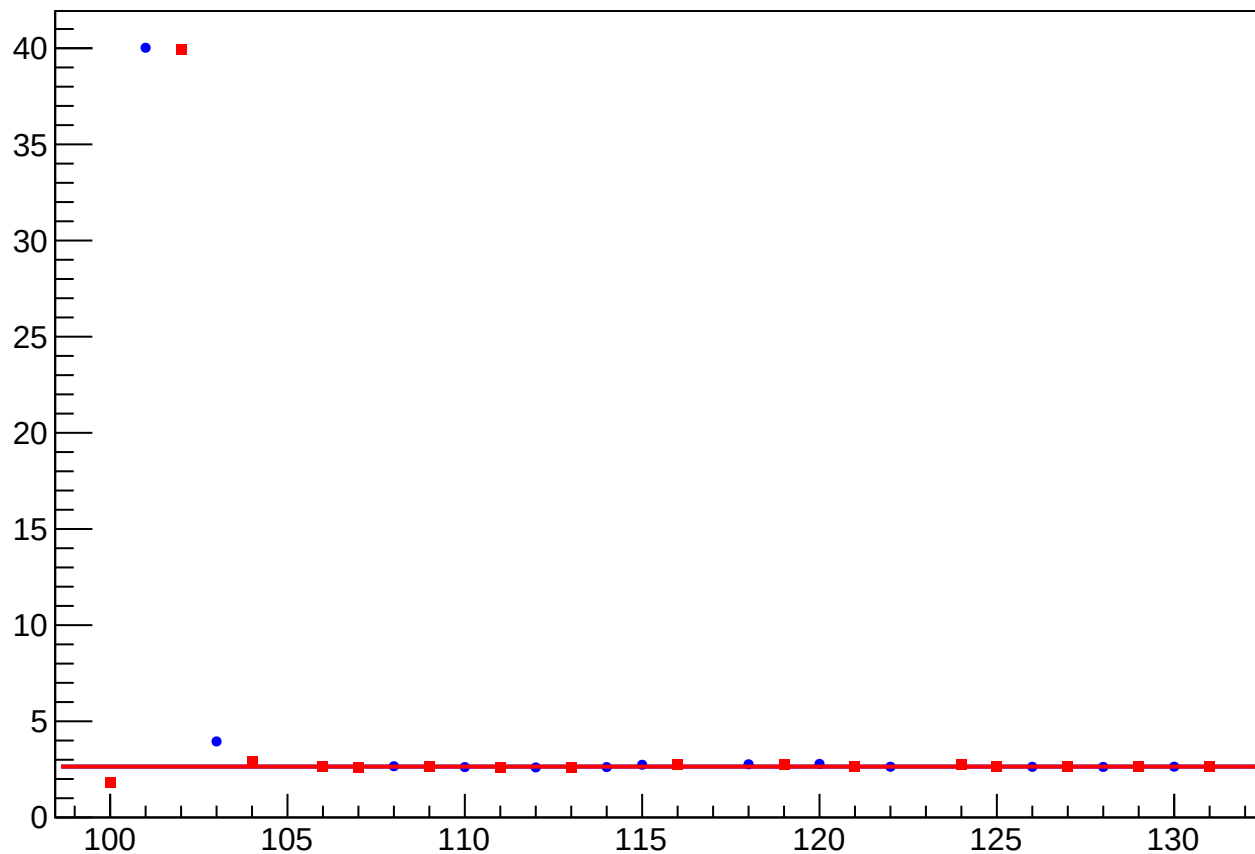
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 2354524.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam7_mean vs Slug



Right In: 2.645+/-0.000 χ^2/NDF : 64618017184.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.645+/-0.000 χ^2/NDF : 63167553515.1/15

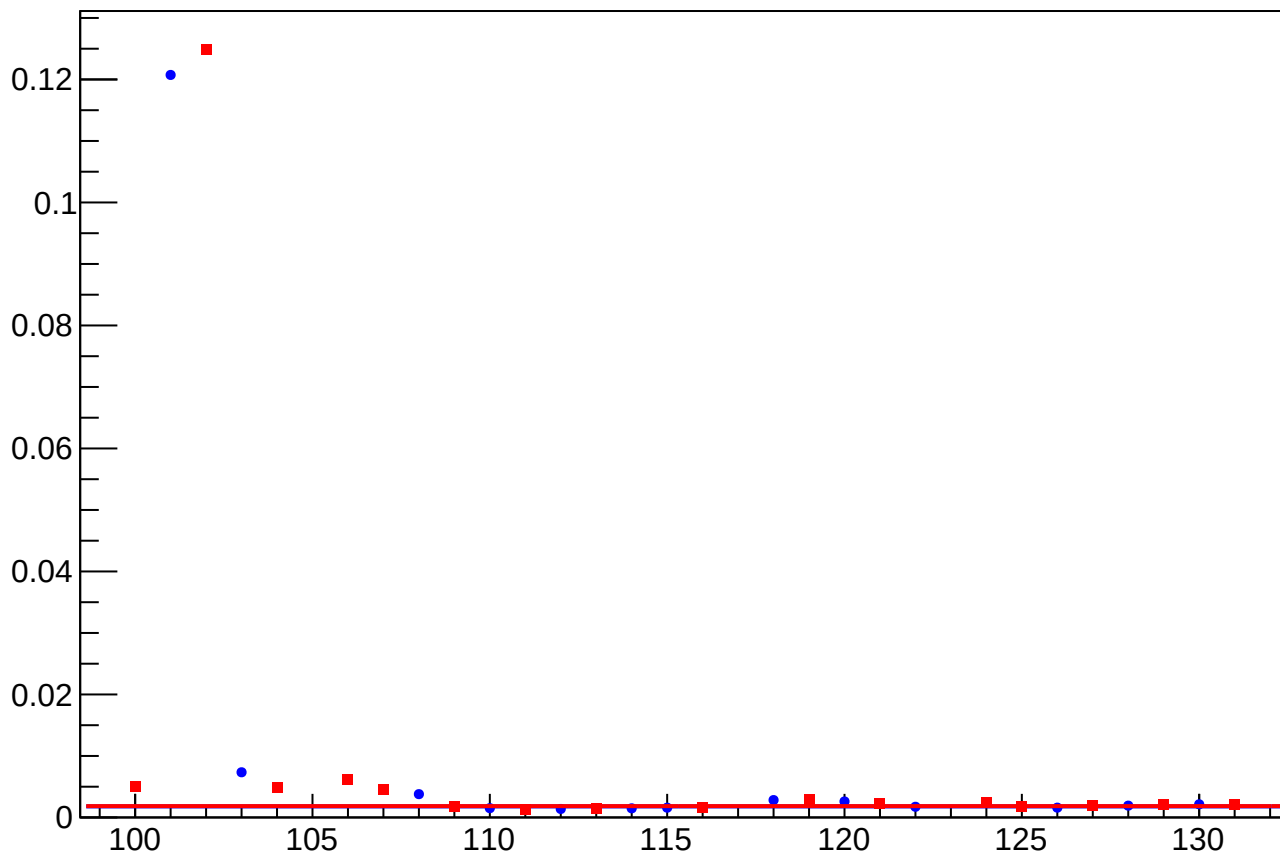
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.645+/-0.000 χ^2/NDF : 127785610022.3

- 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 : 1798591.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2390214.0/15

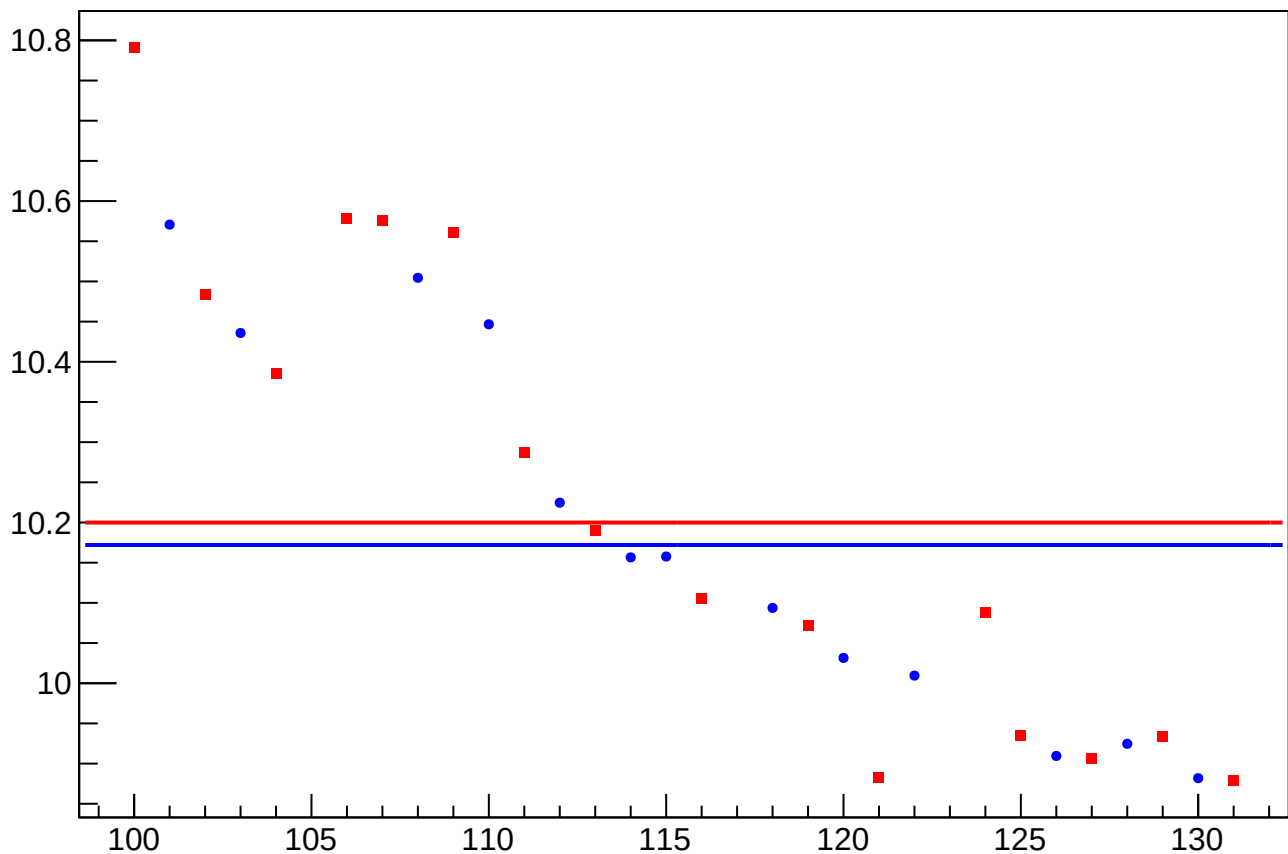
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4191773.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam8_mean vs Slug



Right In: 10.172+/-0.000 χ^2/NDF : 6259456864.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.200+/-0.000 χ^2/NDF : 7689706561.8/15

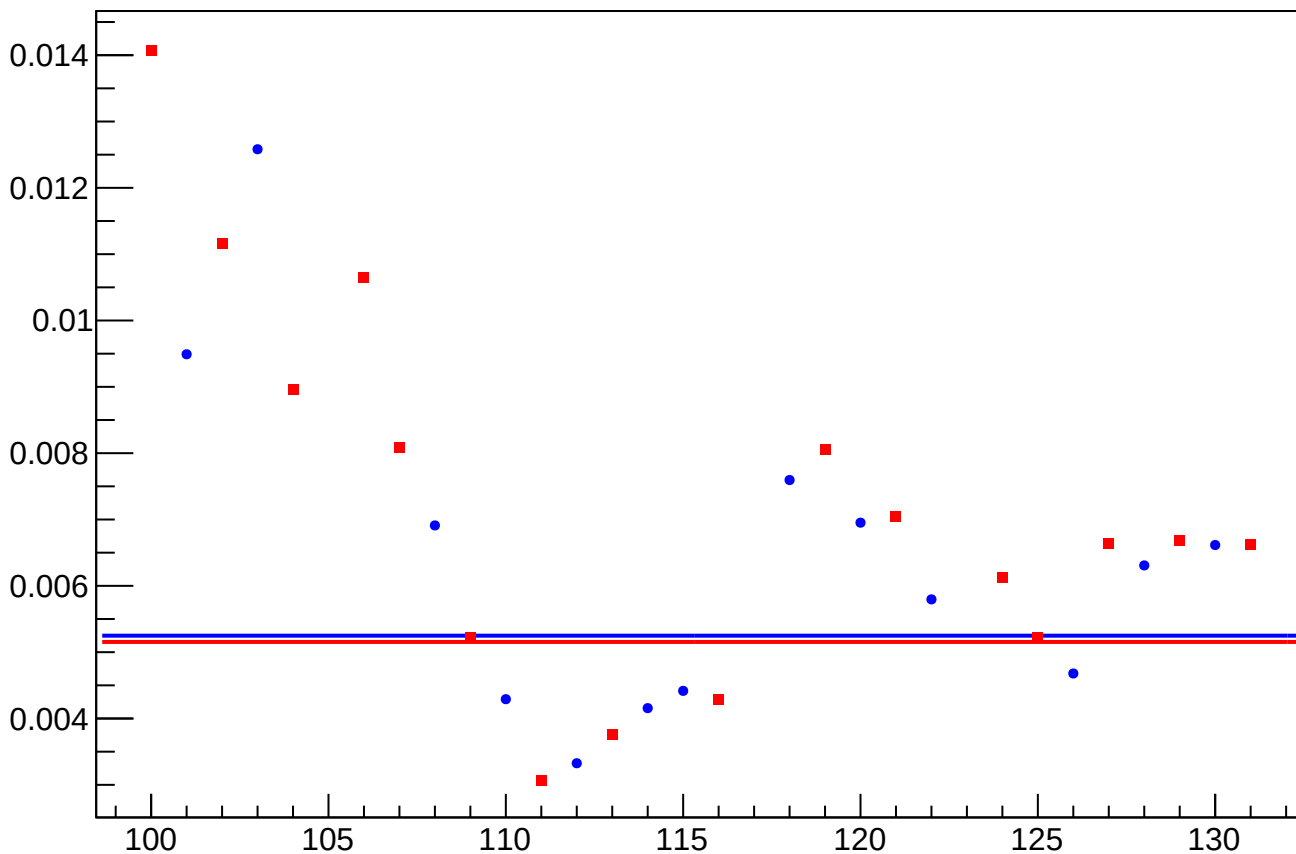
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.187+/-0.000 χ^2/NDF : 14011946676.6

- 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 : 1217013.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1605978.1/15

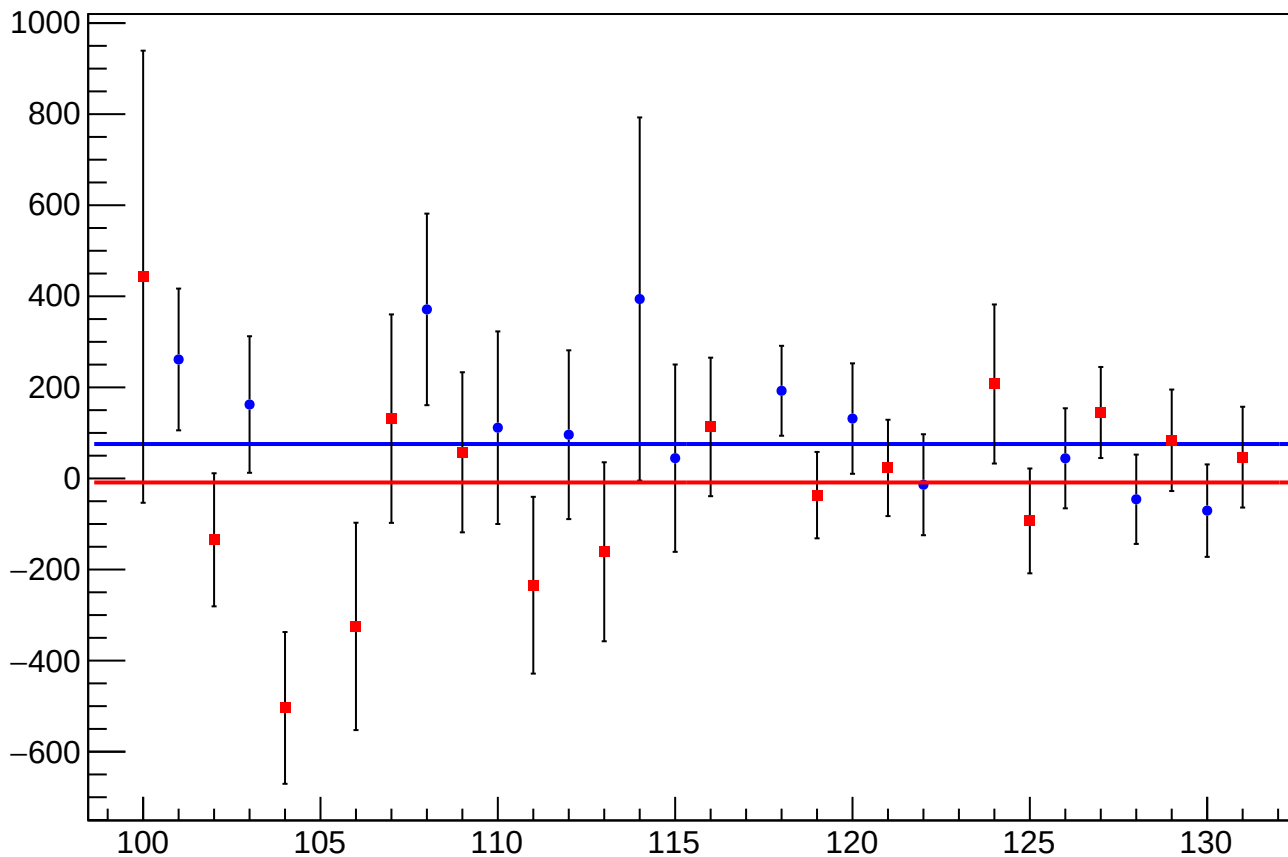
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2824427.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_mean vs Slug



Right In: 75.614 $\pm$ 37.126 χ^2 /NDF: 10.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.800 $\pm$ 34.832 χ^2 /NDF: 21.0/15

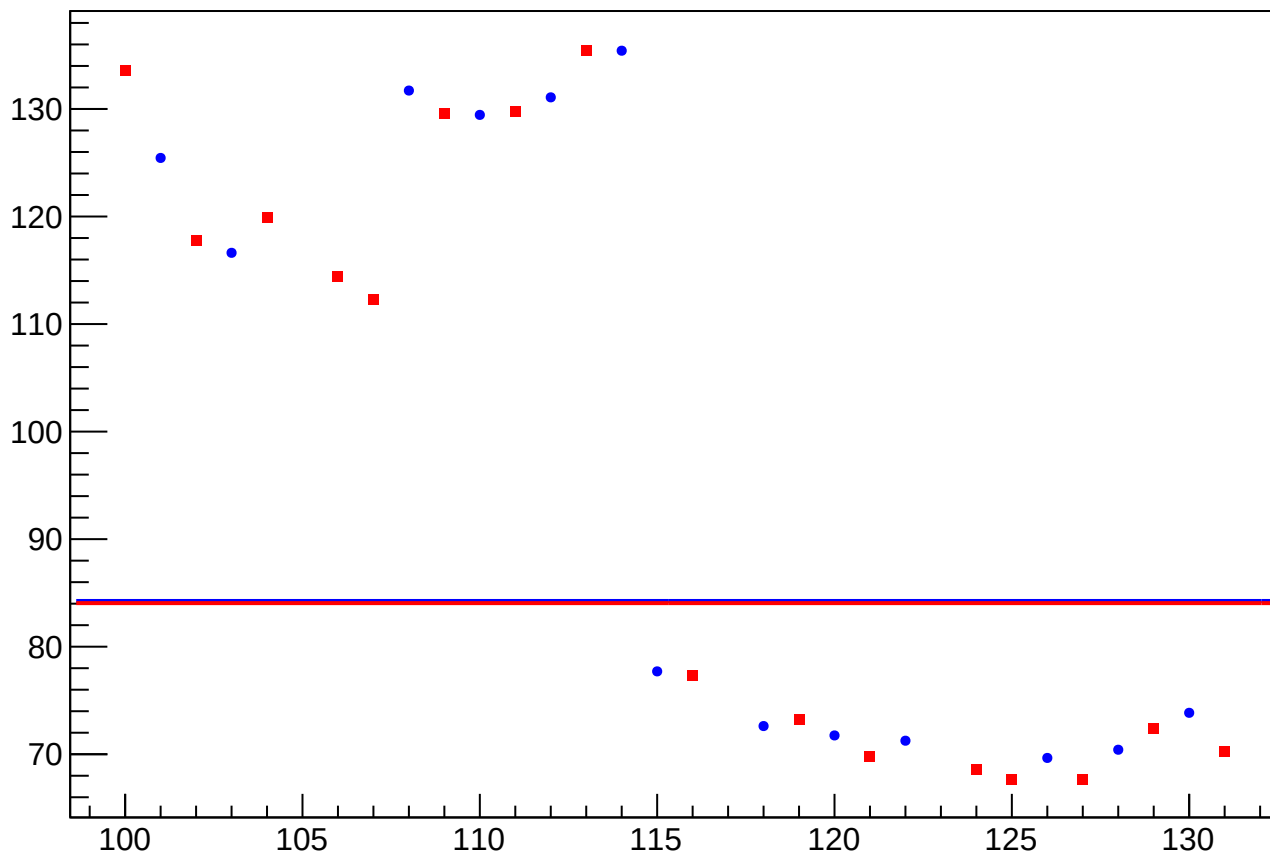
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.719 $\pm$ 25.402 χ^2 /NDF: 34.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam1_rms vs Slug



Right In: 84.251+/-0.026 χ^2/NDF : 761782.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.051+/-0.025 χ^2/NDF : 896245.3/15

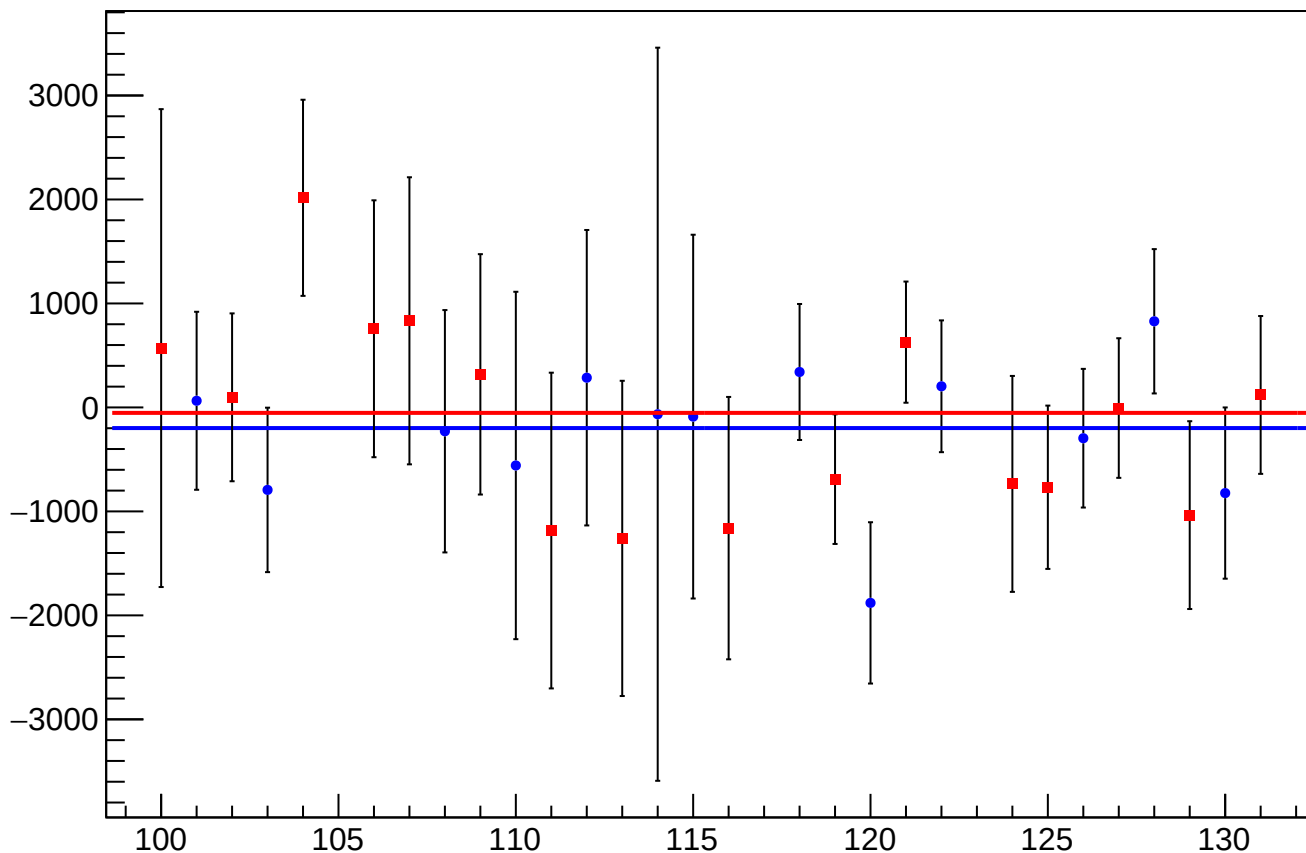
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.144+/-0.018 χ^2/NDF : 1658058.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_reg_correction_mean vs Slug



Right In: -198.521 ± 240.767 χ^2/NDF : 9.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -52.487 ± 226.328 χ^2/NDF : 12.7/15

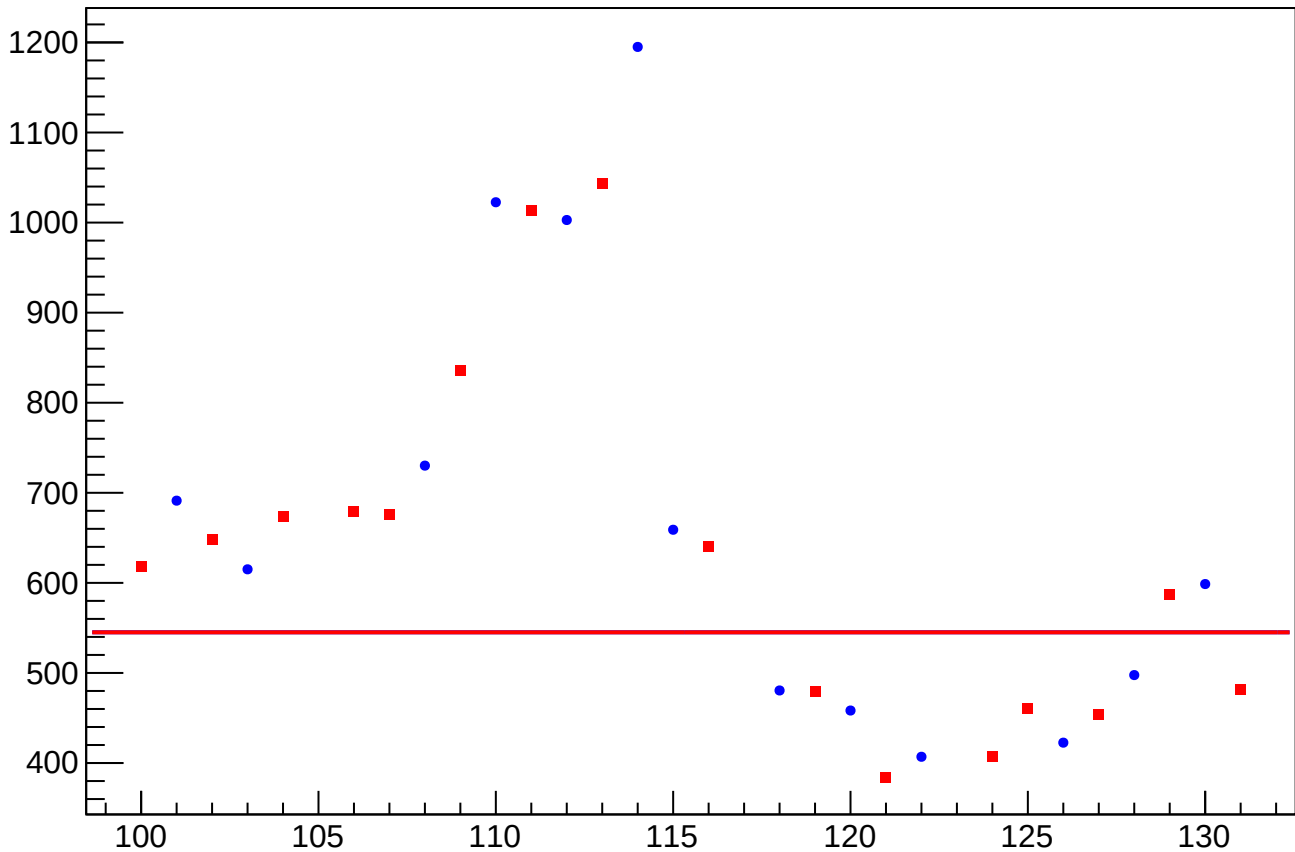
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -120.994 ± 164.906 χ^2/NDF : 22.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam1_reg_correction_rms vs Slug



Right In: 545.147+/-0.170 χ^2/NDF : 796758.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 545.096+/-0.160 χ^2/NDF : 945718.7/15

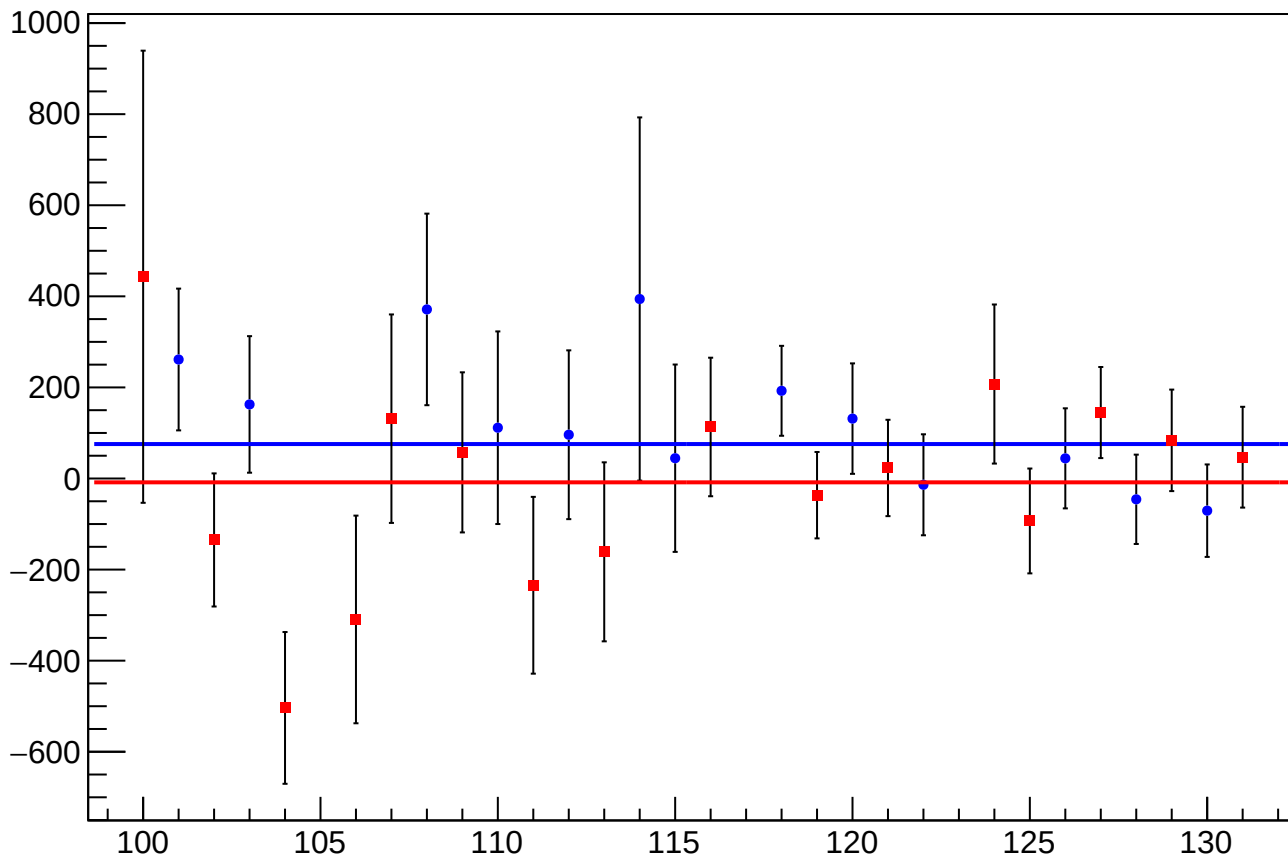
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 545.120+/-0.117 χ^2/NDF : 1742477.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam1_mean vs Slug



Right In: 75.635 $\pm$ 37.126 χ^2 /NDF: 10.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.430 $\pm$ 34.834 χ^2 /NDF: 20.8/15

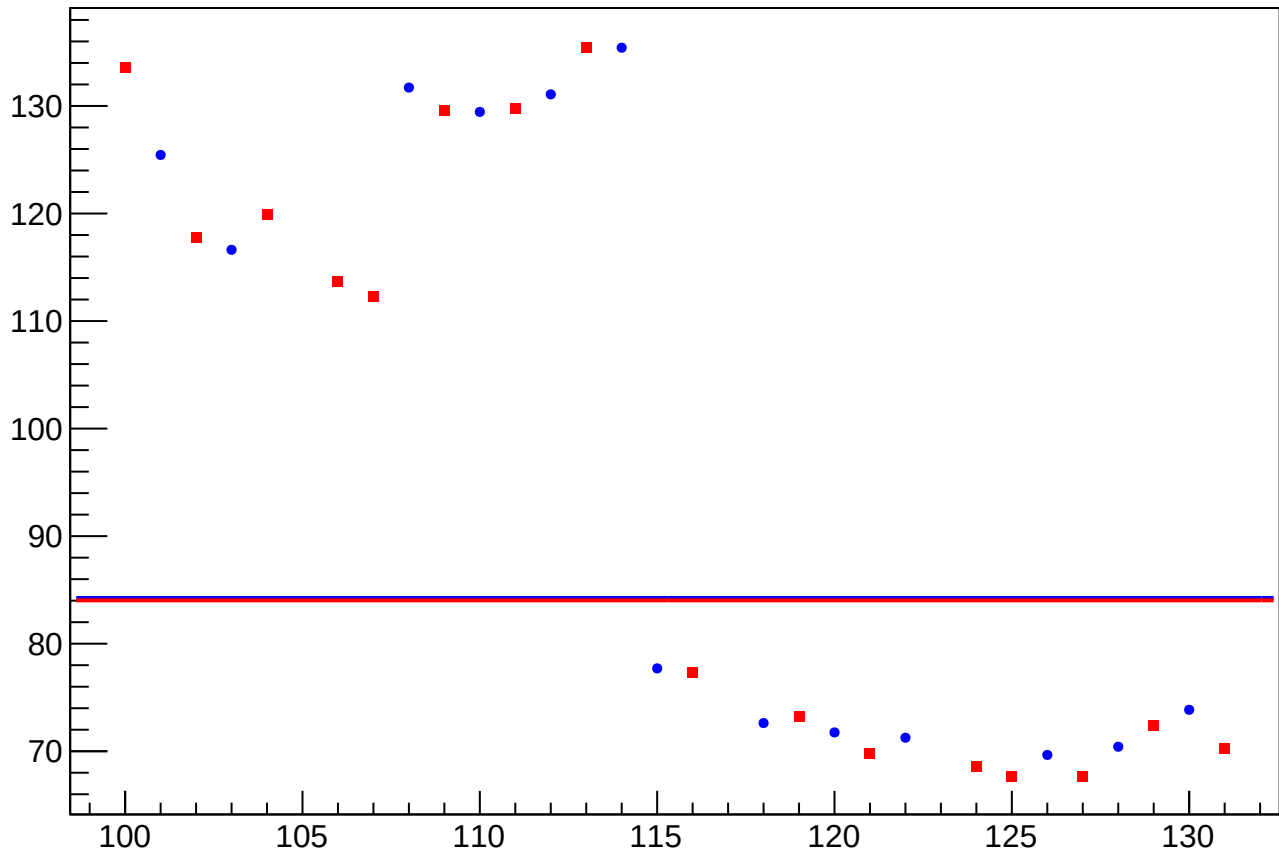
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.926 $\pm$ 25.403 χ^2 /NDF: 33.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam1_rms vs Slug



Right In: 84.251+/-0.026 χ^2/NDF : 761783.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.032+/-0.025 χ^2/NDF : 894501.8/15

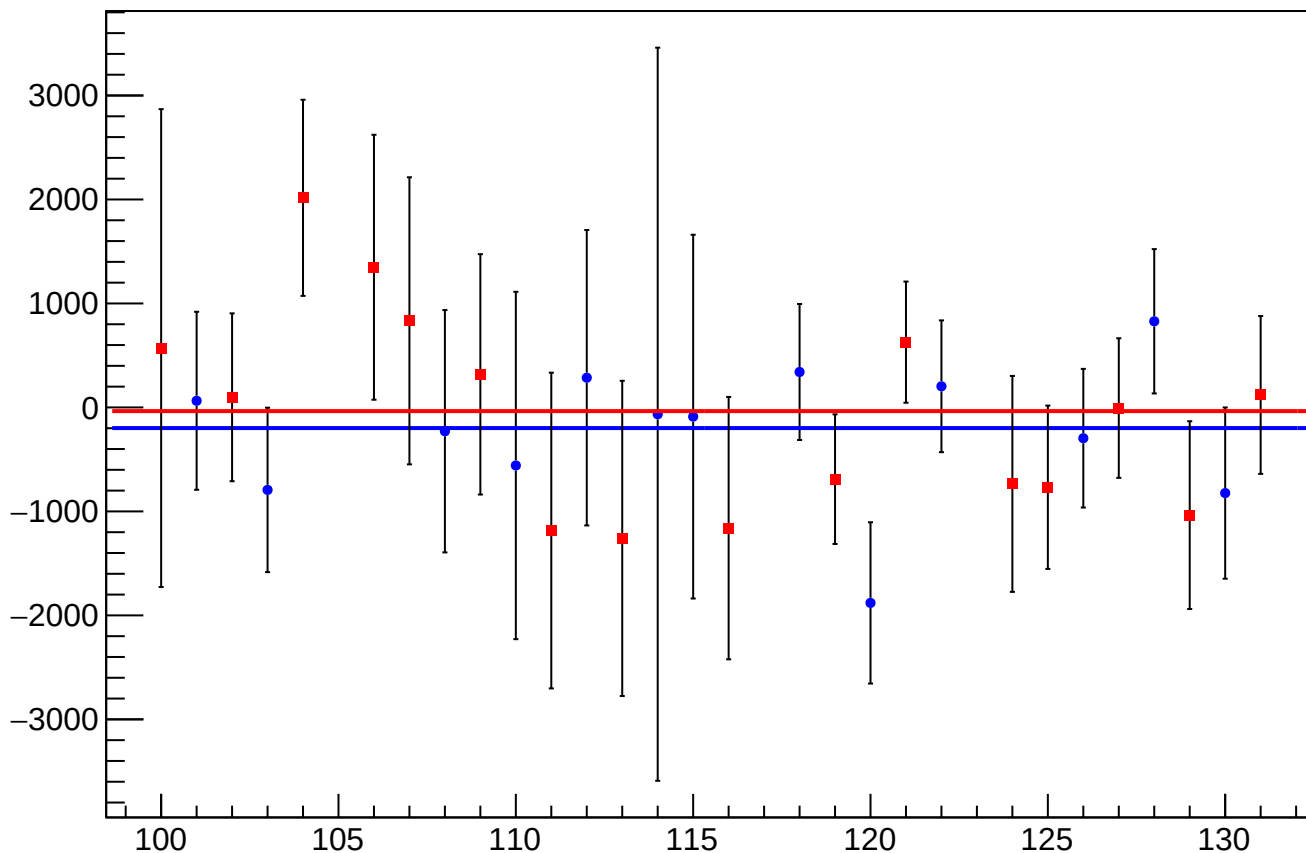
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.134+/-0.018 χ^2/NDF : 1656321.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_cor_correction_mean vs Slug



Right In: -198.517+/-240.767 χ^2/NDF : 9.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.371+/-226.556 χ^2/NDF : 13.5/15

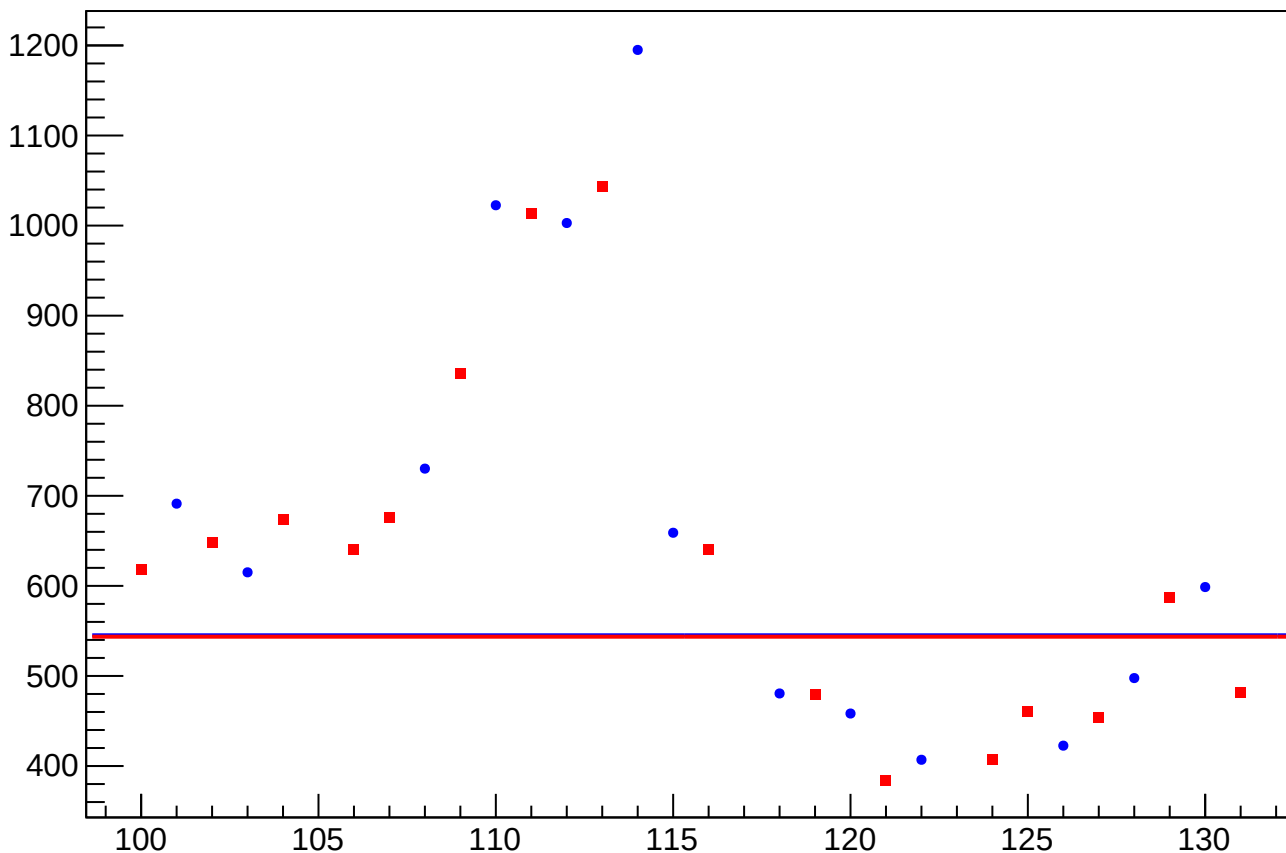
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -111.988+/-164.995 χ^2/NDF : 23.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_cor_correction_rms vs Slug



Right In: 545.147+/-0.170 χ^2/NDF : 796758.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 543.584+/-0.160 χ^2/NDF : 933099.7/15

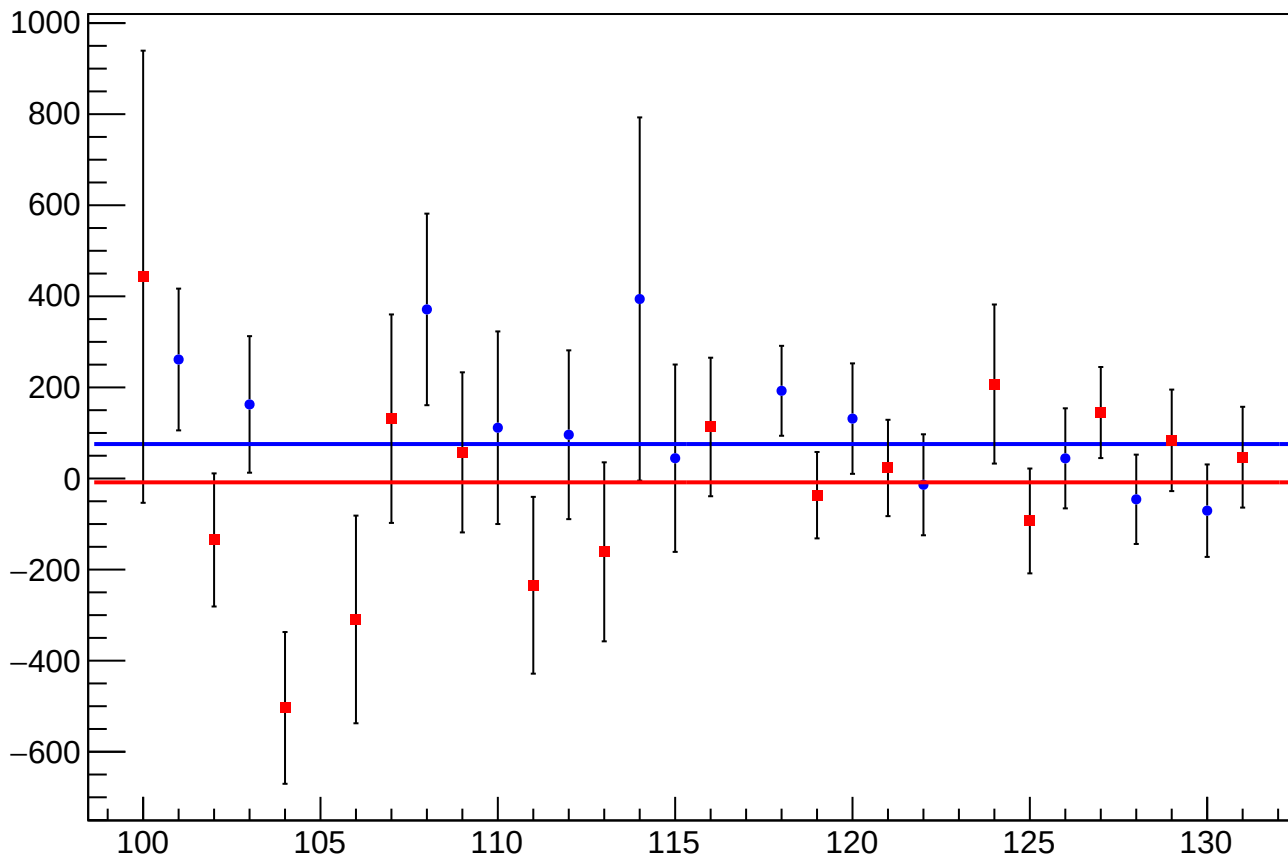
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 544.318+/-0.117 χ^2/NDF : 1729903.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam1_mean vs Slug



Right In: 75.635 $\pm$ 37.126 χ^2 /NDF: 10.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.430 $\pm$ 34.834 χ^2 /NDF: 20.8/15

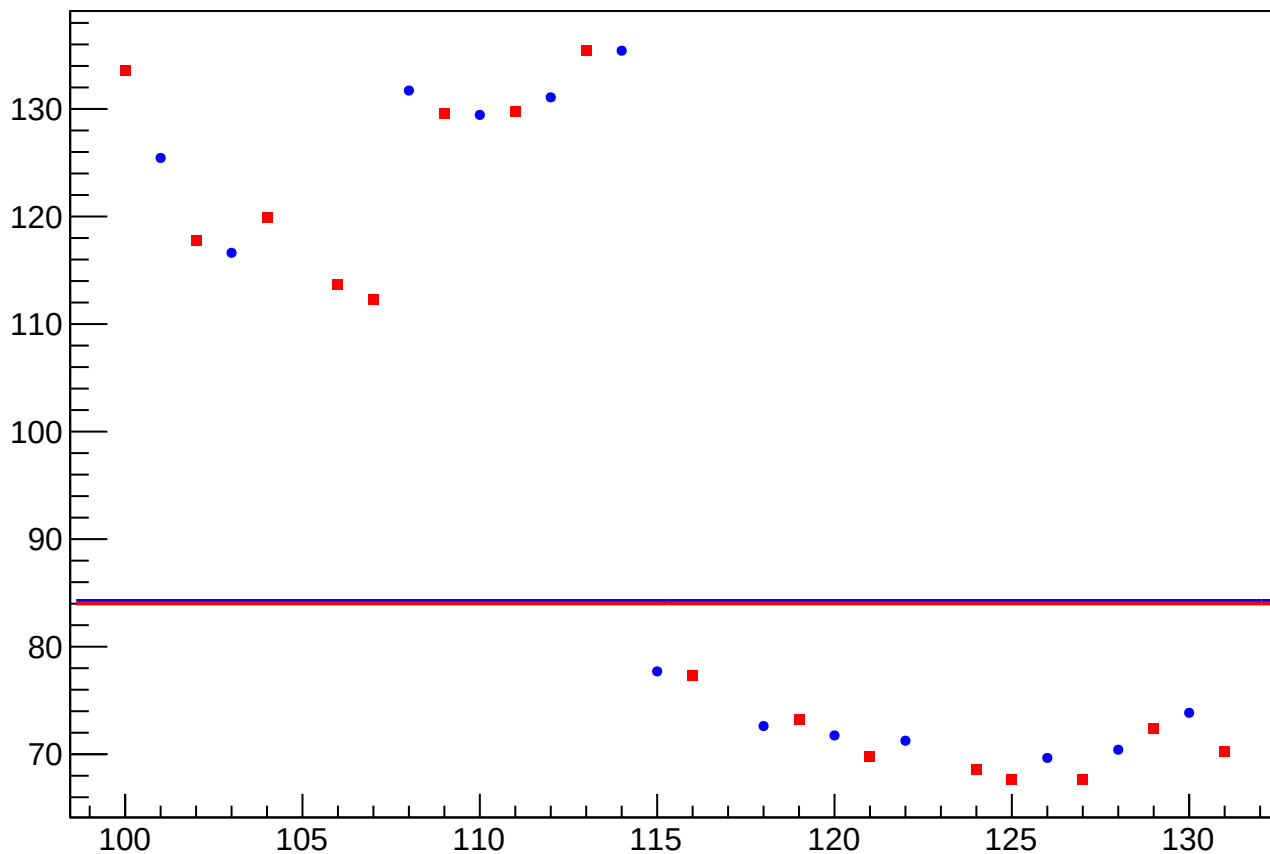
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.926 $\pm$ 25.403 χ^2 /NDF: 33.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam1_rms vs Slug



Right In: 84.251+/-0.026 χ^2/NDF : 761783.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.032+/-0.025 χ^2/NDF : 894501.8/15

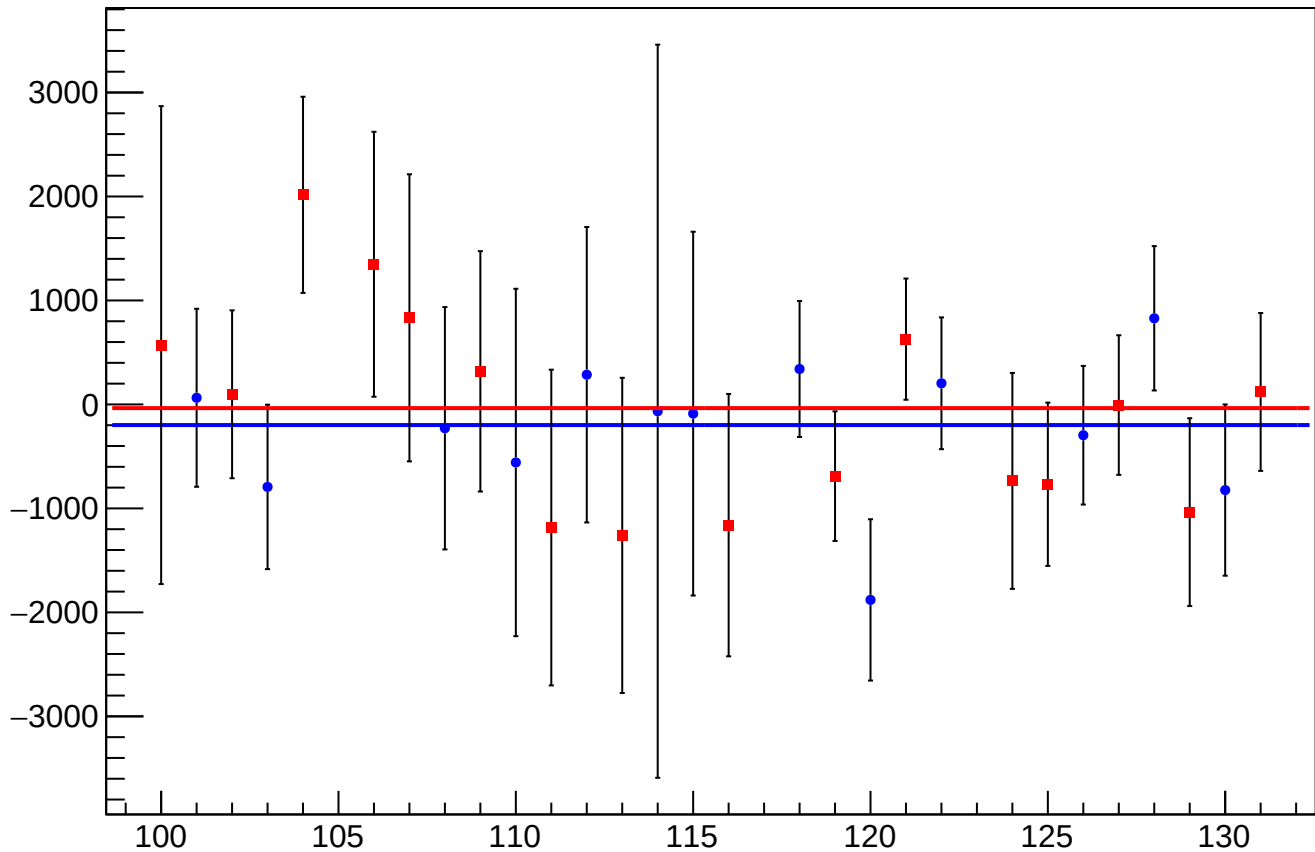
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.134+/-0.018 χ^2/NDF : 1656321.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_cor_correction_mean vs Slug



Right In: -198.517 ± 240.767 χ^2/NDF : 9.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.371 ± 226.556 χ^2/NDF : 13.5/15

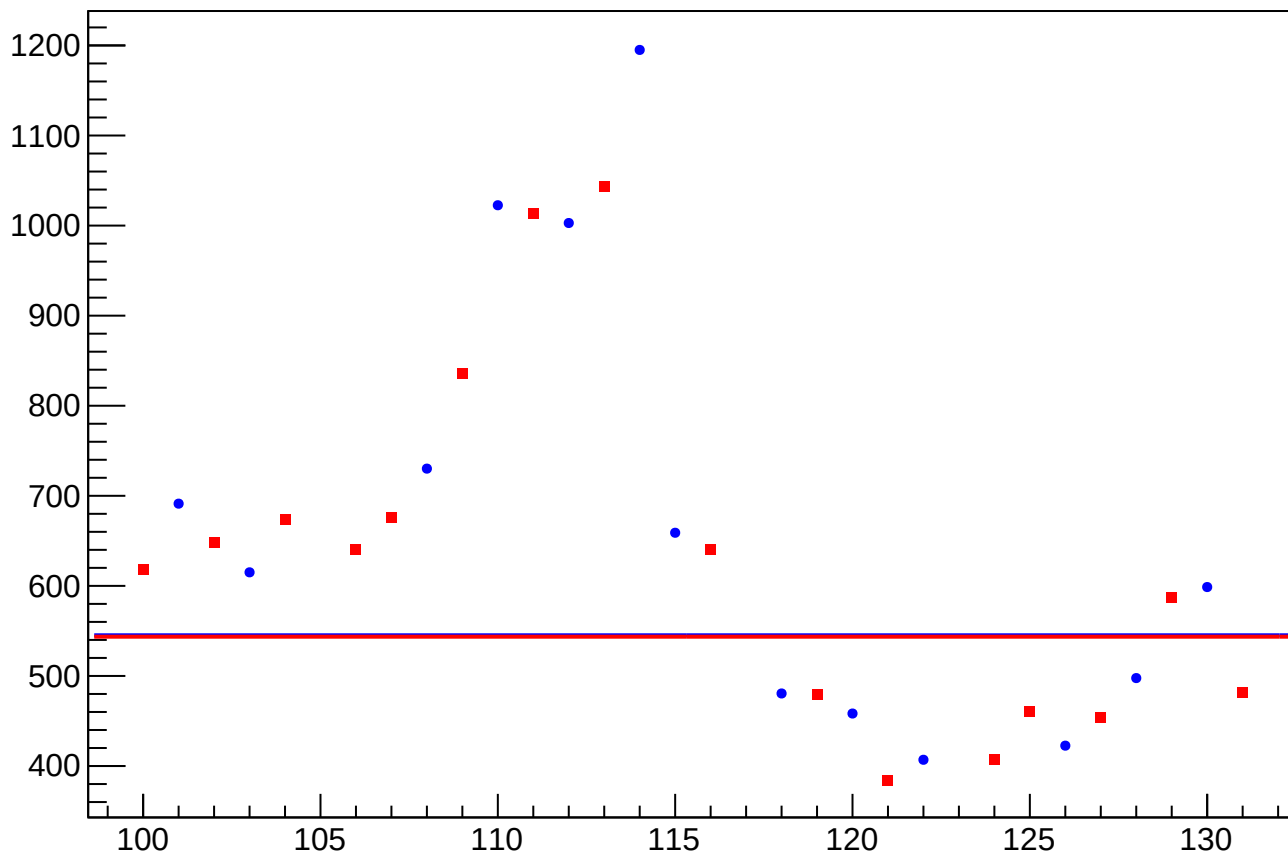
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -111.988 ± 164.995 χ^2/NDF : 23.2/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_cor_correction_rms vs Slug



Right In: 545.147+/-0.170 χ^2/NDF : 796758.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 543.584+/-0.160 χ^2/NDF : 933099.7/15

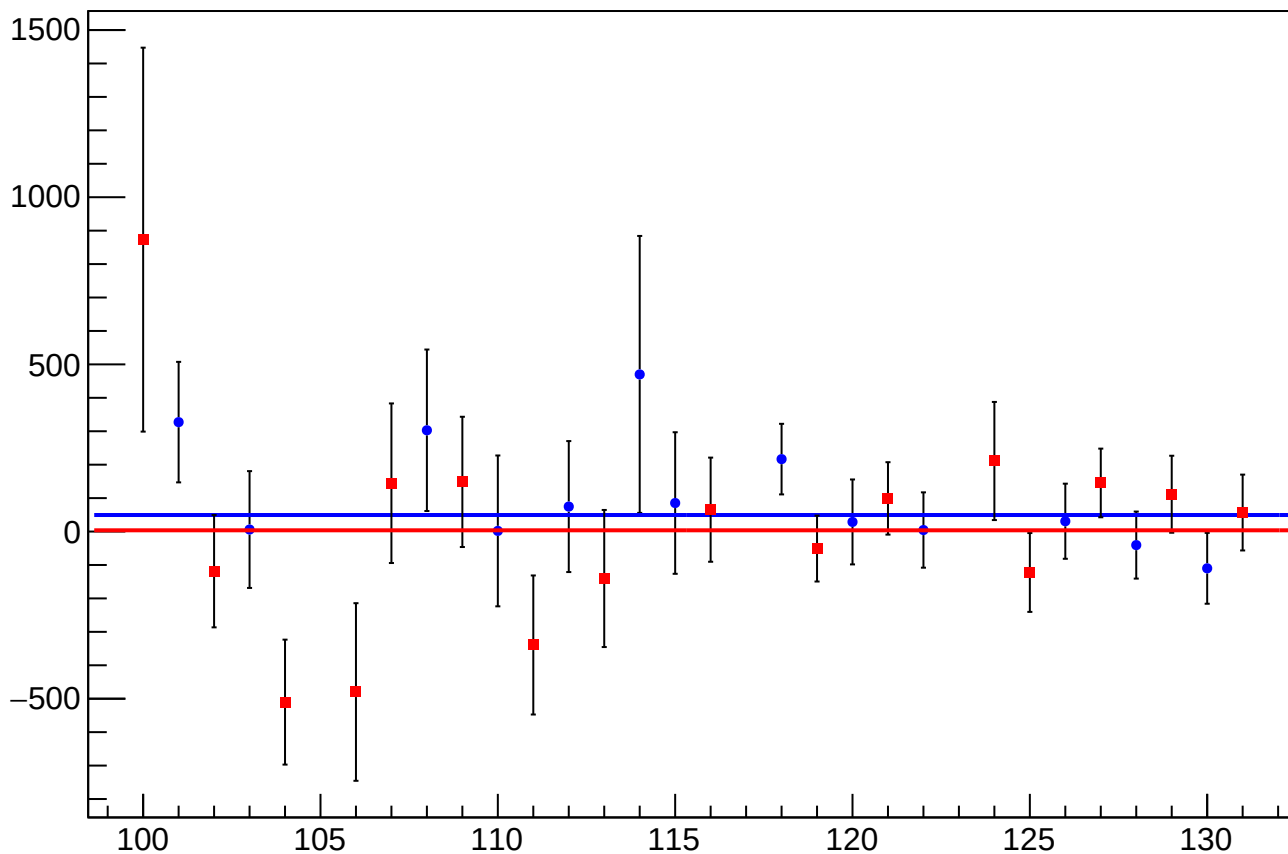
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 544.318+/-0.117 χ^2/NDF : 1729903.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam1_mean vs Slug



Right In: 49.472 $\pm$ 39.139 χ^2 /NDF: 10.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.714 $\pm$ 36.431 χ^2 /NDF: 24.6/15

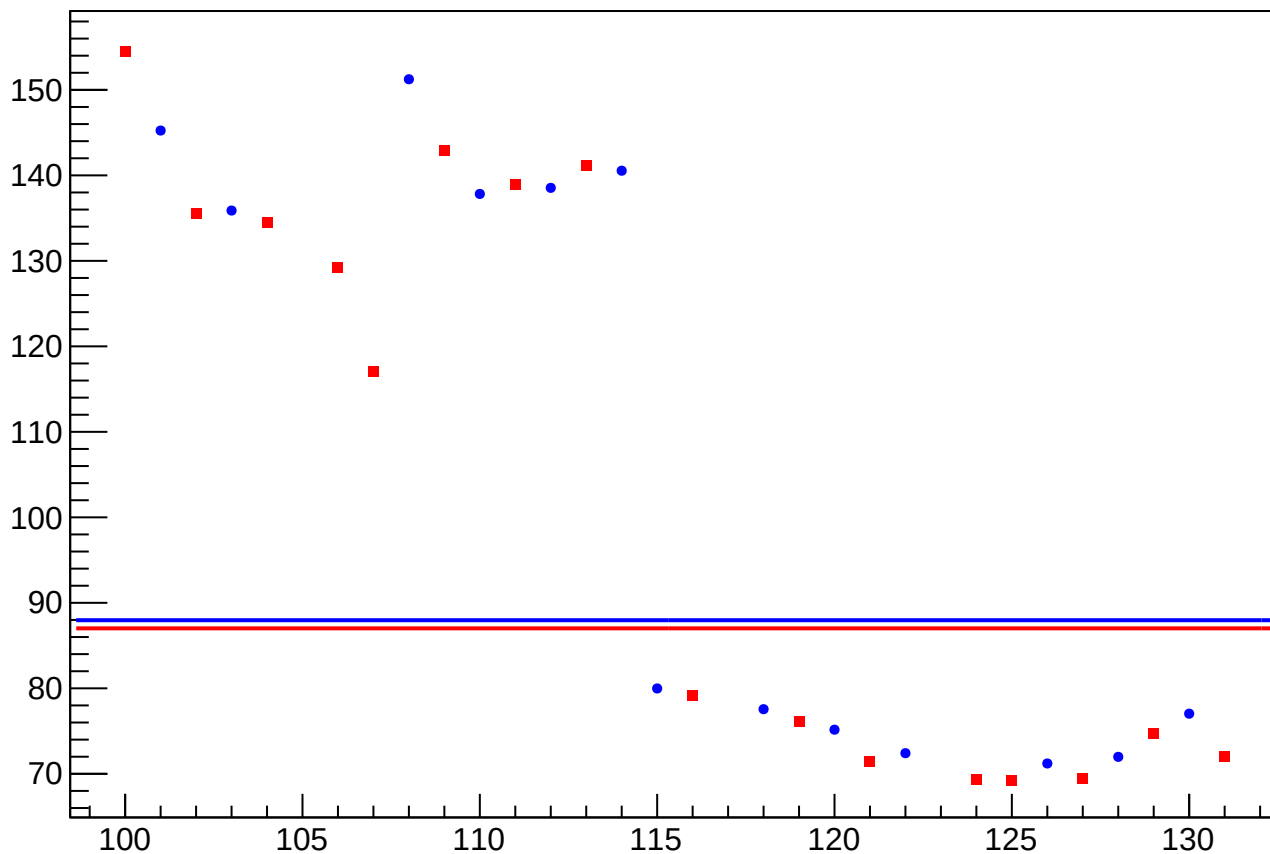
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.956 $\pm$ 26.667 χ^2 /NDF: 35.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam1_rms vs Slug



Right In: 87.967 $\pm$ 0.028 χ^2 /NDF: 950326.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 87.016 $\pm$ 0.026 χ^2 /NDF: 1086302.3/15

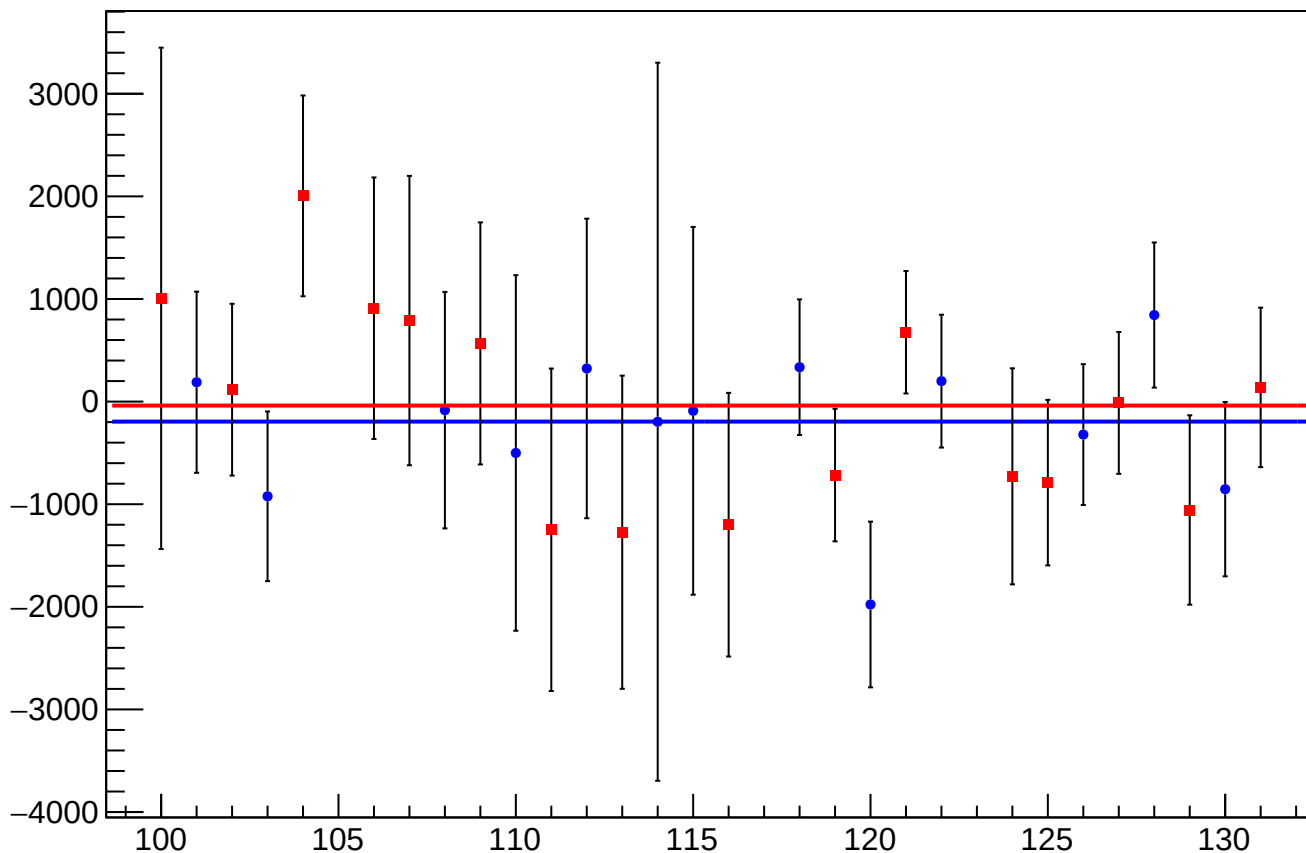
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 87.457 $\pm$ 0.019 χ^2 /NDF: 2037261.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_dit_correction_mean vs Slug



Right In: -194.788+/-246.807 χ^2/NDF : 9.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.659+/-232.607 χ^2/NDF : 12.9/15

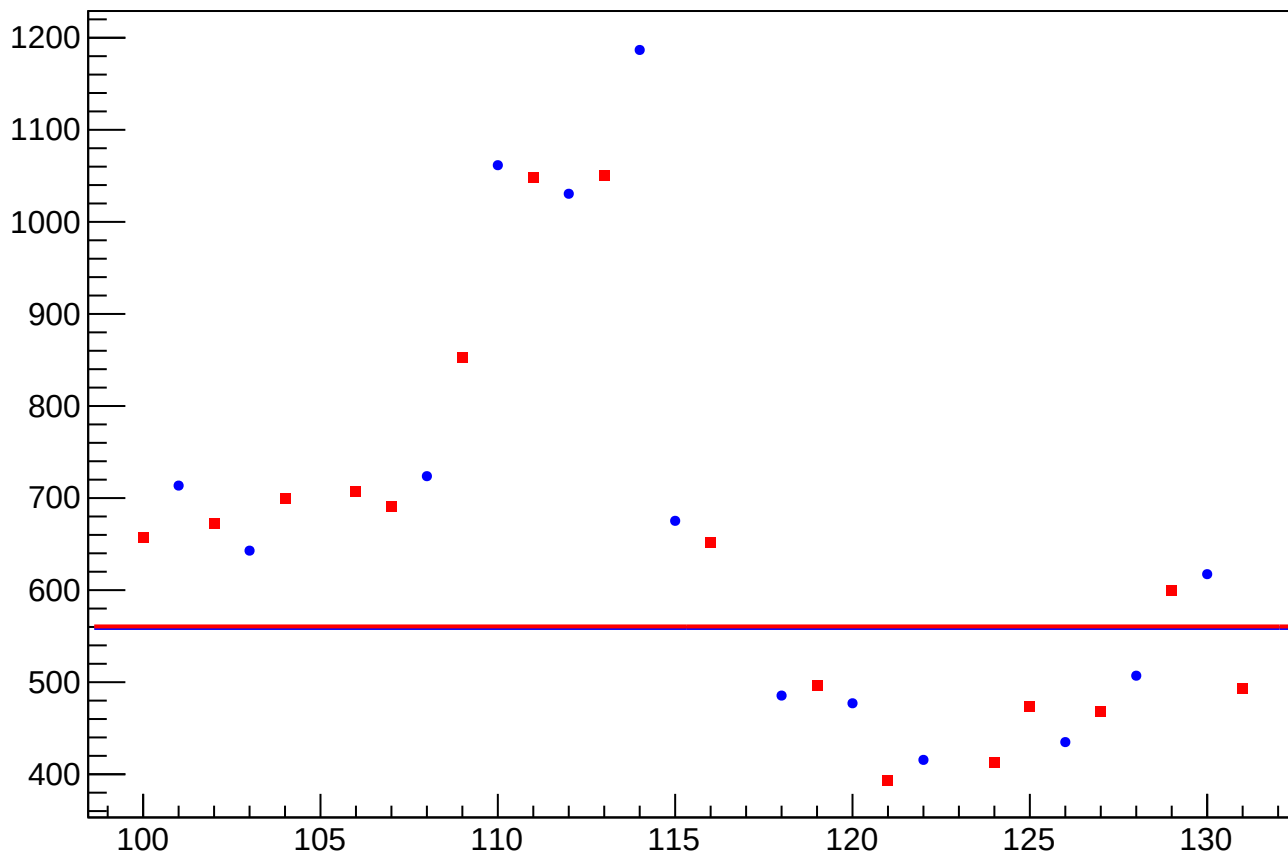
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -112.104+/-169.276 χ^2/NDF : 22.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_dit_correction_rms vs Slug



Right In: 558.933+/-0.175 χ^2/NDF : 801710.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.553+/-0.164 χ^2/NDF : 947715.8/15

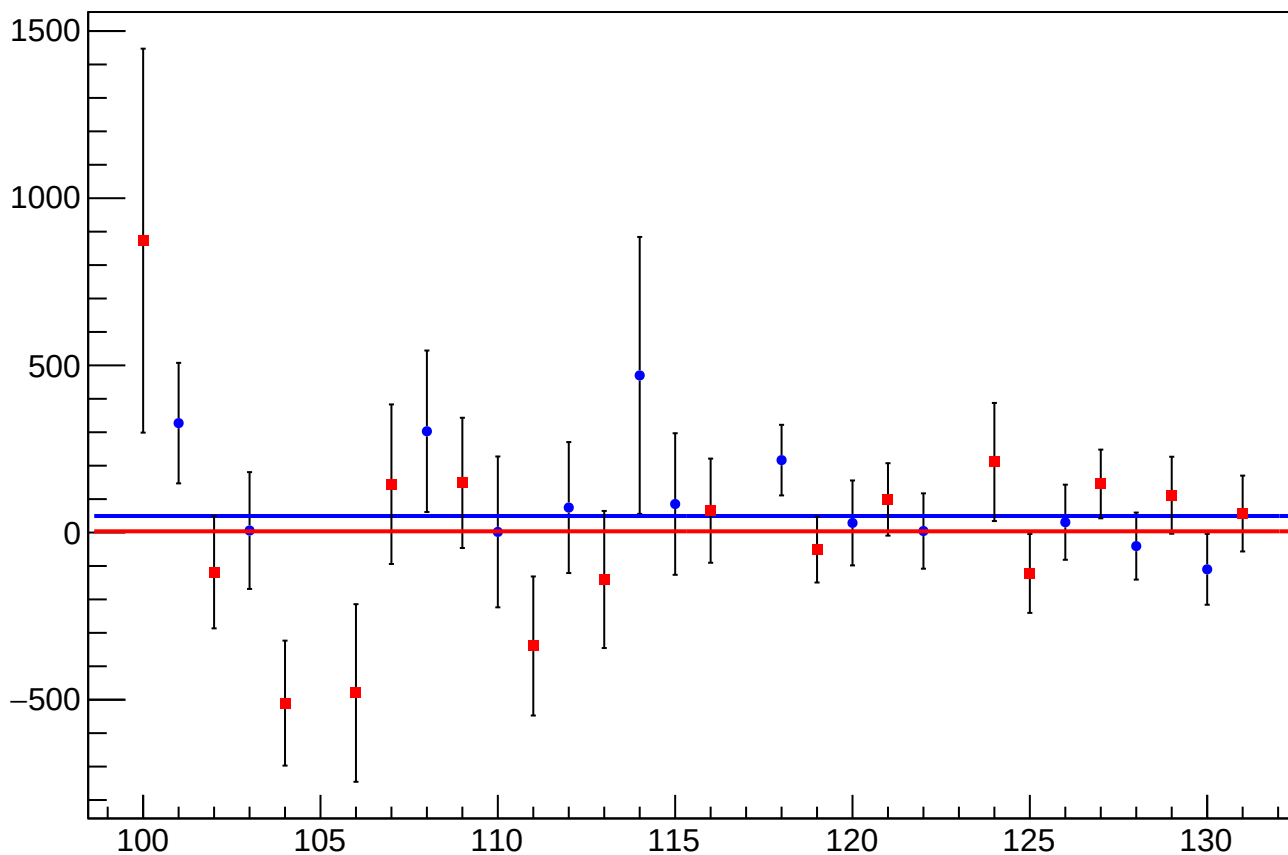
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 559.791+/-0.120 χ^2/NDF : 1749472.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam1_mean vs Slug



Right In: 49.472 $\pm$ 39.139 χ^2 /NDF: 10.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.715 $\pm$ 36.431 χ^2 /NDF: 24.6/15

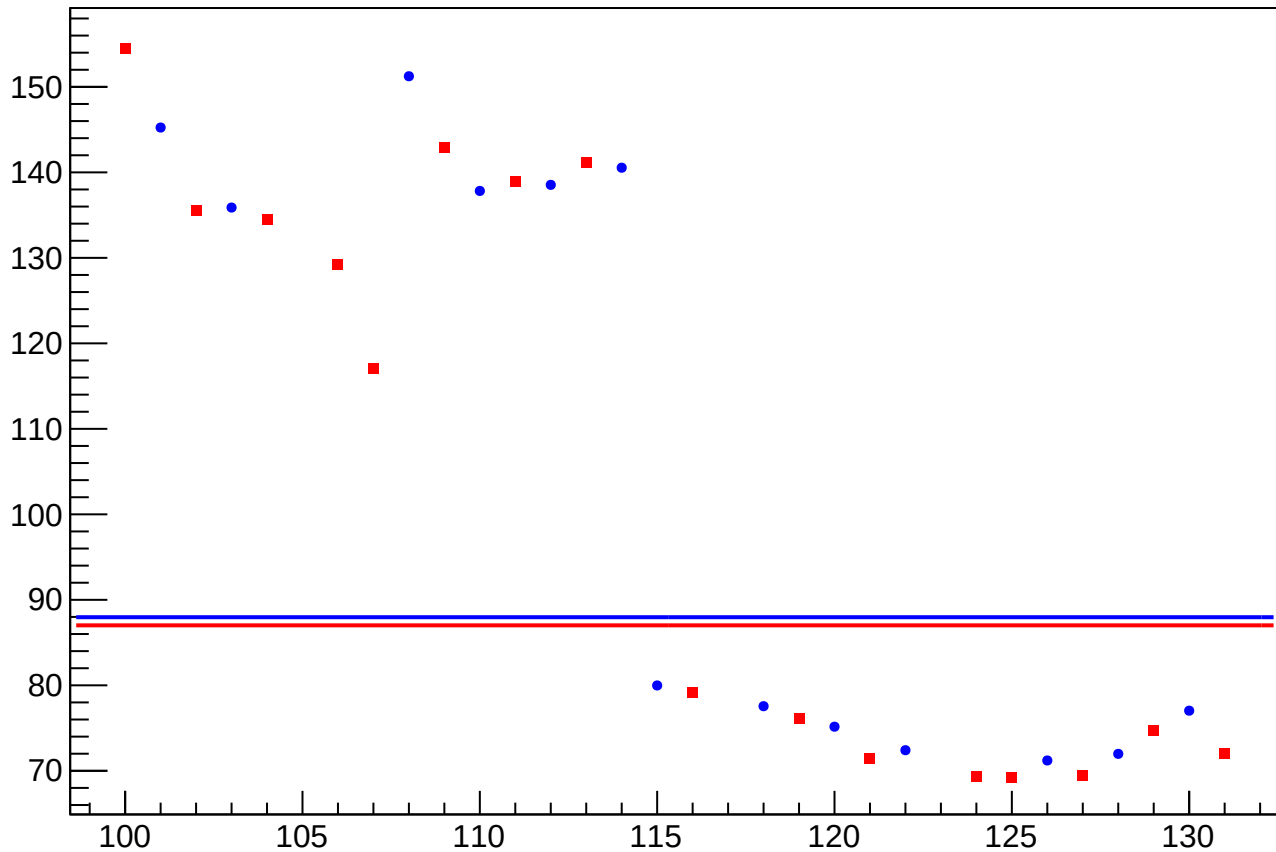
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.956 $\pm$ 26.667 χ^2 /NDF: 35.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam1_rms vs Slug



Right In: 87.967 $\pm$ 0.028 χ^2 /NDF: 950326.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 87.015 $\pm$ 0.026 χ^2 /NDF: 1086301.8/15

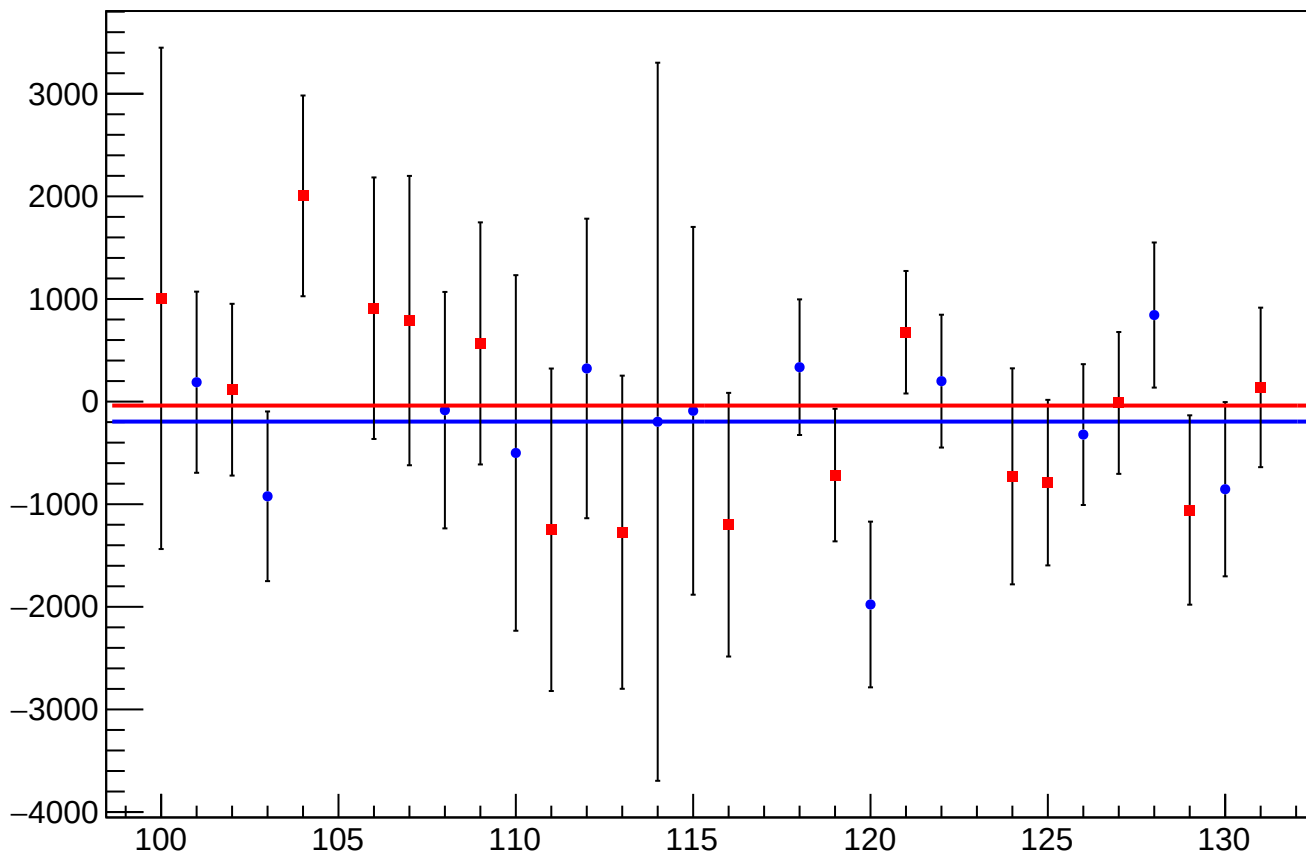
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 87.457 $\pm$ 0.019 χ^2 /NDF: 2037261.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_dit_correction_mean vs Slug



Right In: -194.789 ± 246.807 χ^2/NDF : 9.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -38.659 ± 232.607 χ^2/NDF : 12.9/15

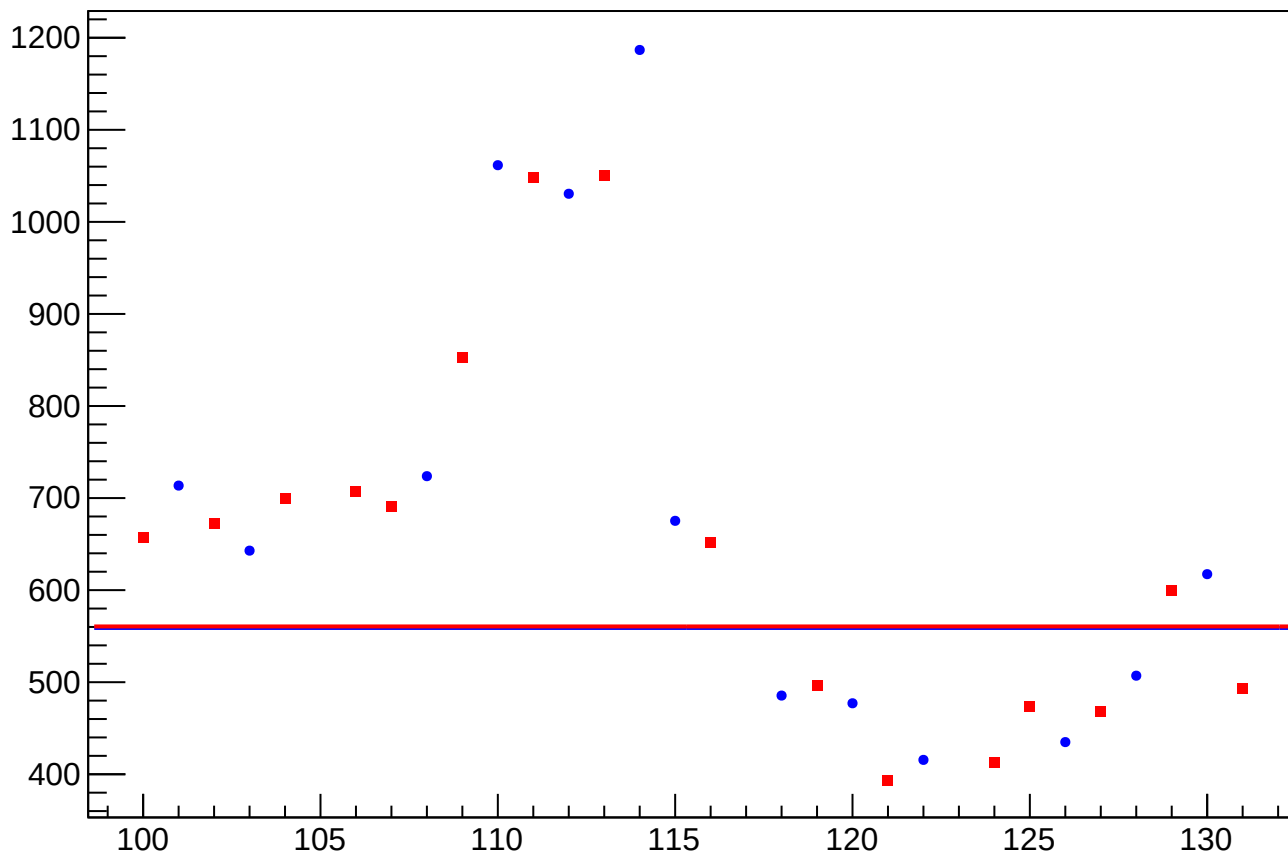
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -112.103 ± 169.276 χ^2/NDF : 22.9/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_dit_correction_rms vs Slug



Right In: 558.933+/-0.175 χ^2/NDF : 801711.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.553+/-0.164 χ^2/NDF : 947717.2/15

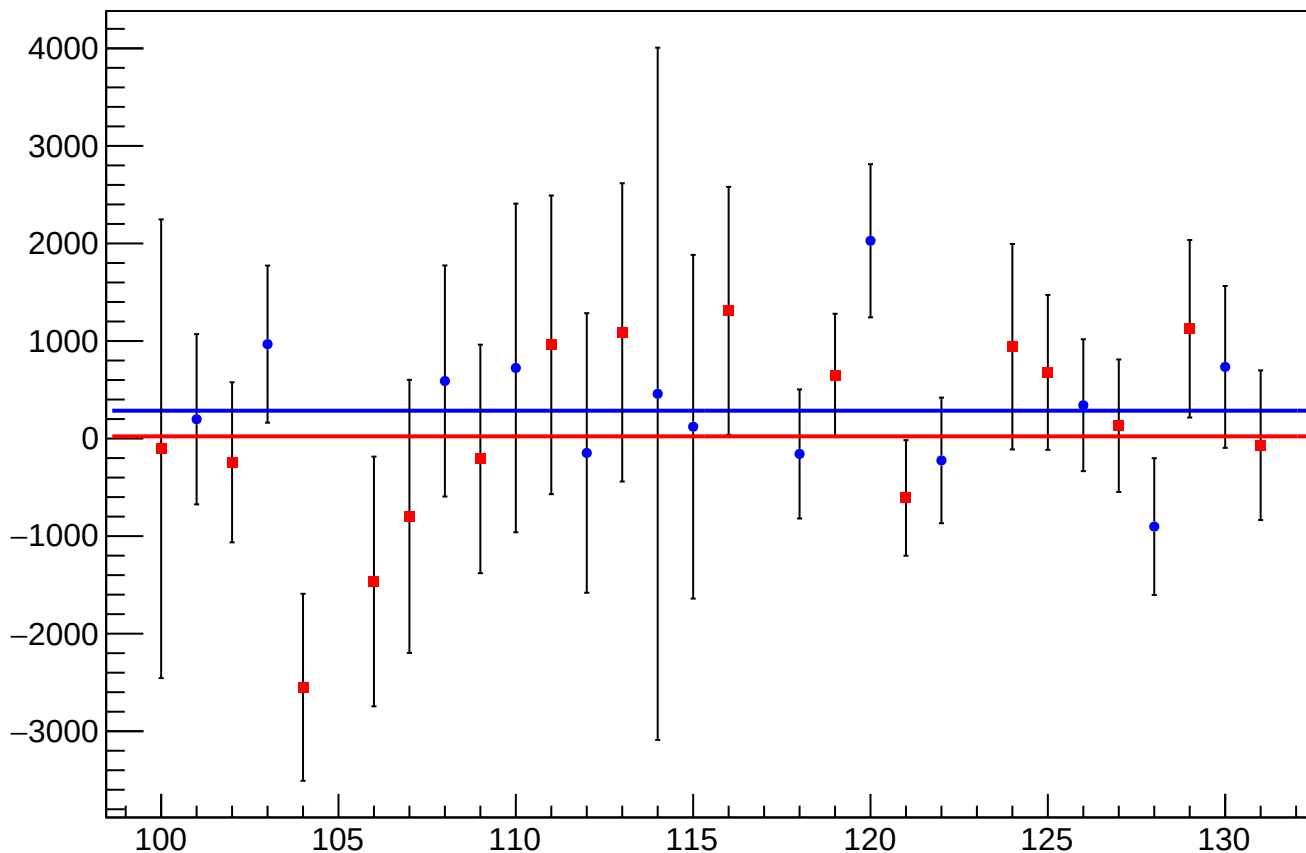
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 559.791+/-0.120 χ^2/NDF : 1749474.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_mean vs Slug



Right In: 285.683 $\pm$ 243.921 χ^2 /NDF: 10.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.454 $\pm$ 229.374 χ^2 /NDF: 16.0/15

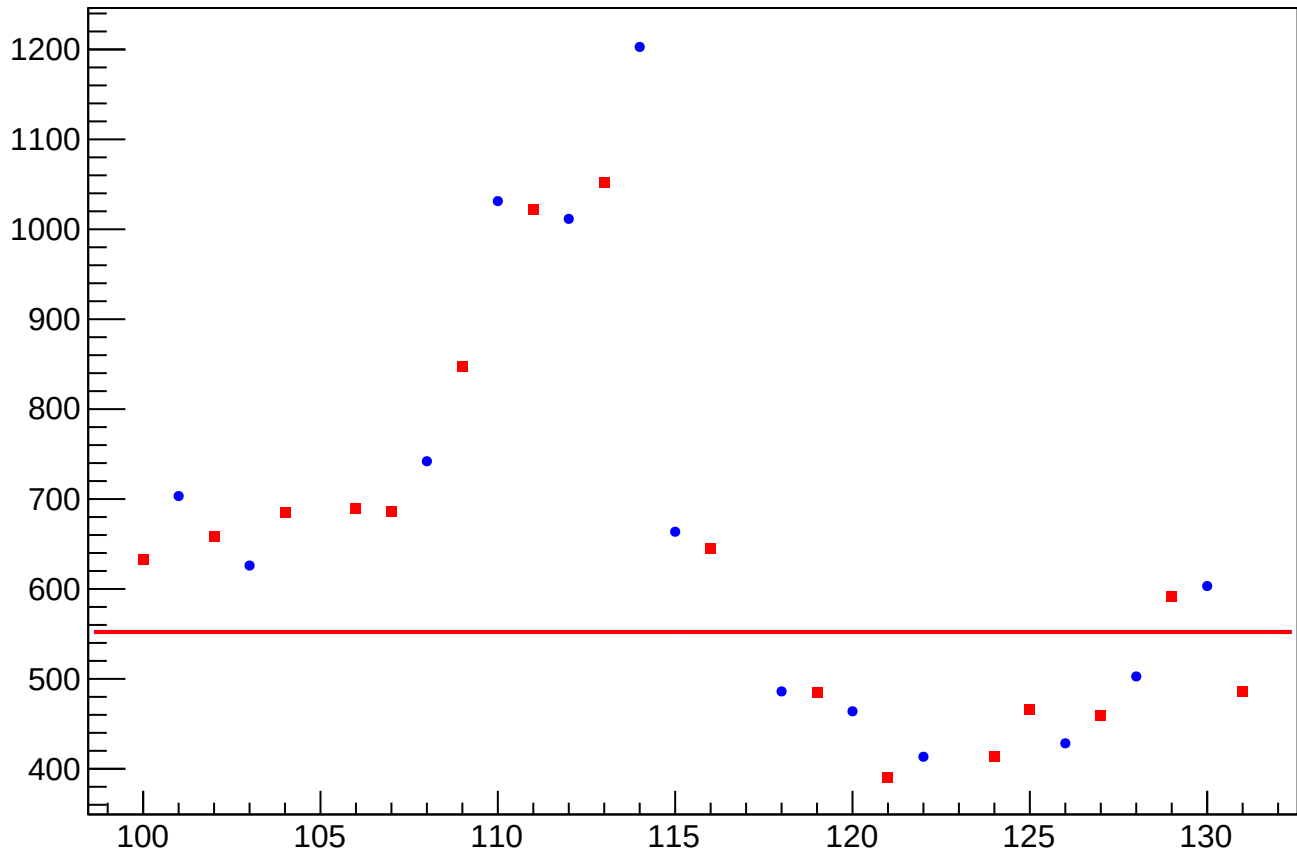
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 145.986 $\pm$ 167.098 χ^2 /NDF: 26.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_rms vs Slug



Right In: 552.269+/-0.172 χ^2/NDF : 793695.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 552.032+/-0.162 χ^2/NDF : 941423.2/15

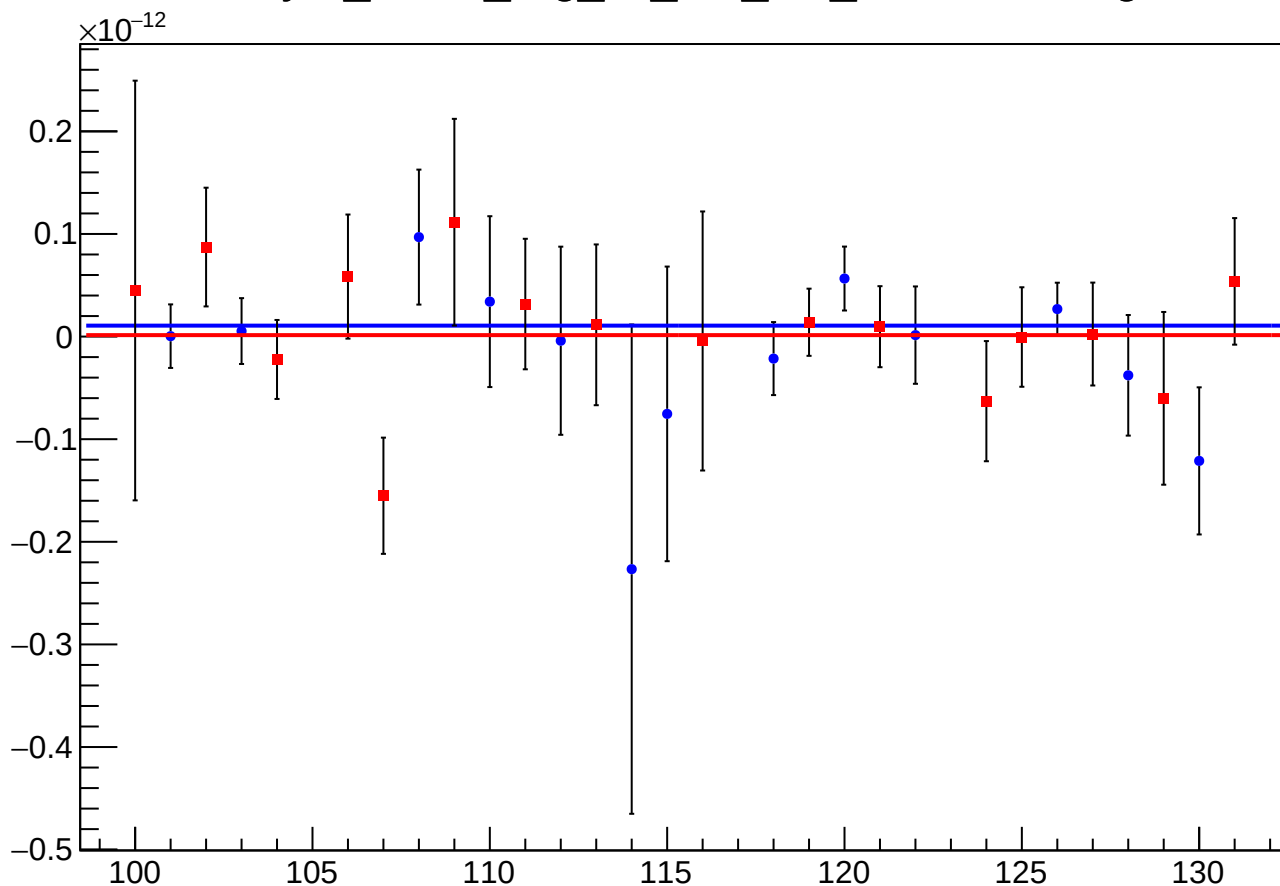
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 552.143+/-0.118 χ^2/NDF : 1735119.3/28

- 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 : 10.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 15.3/15

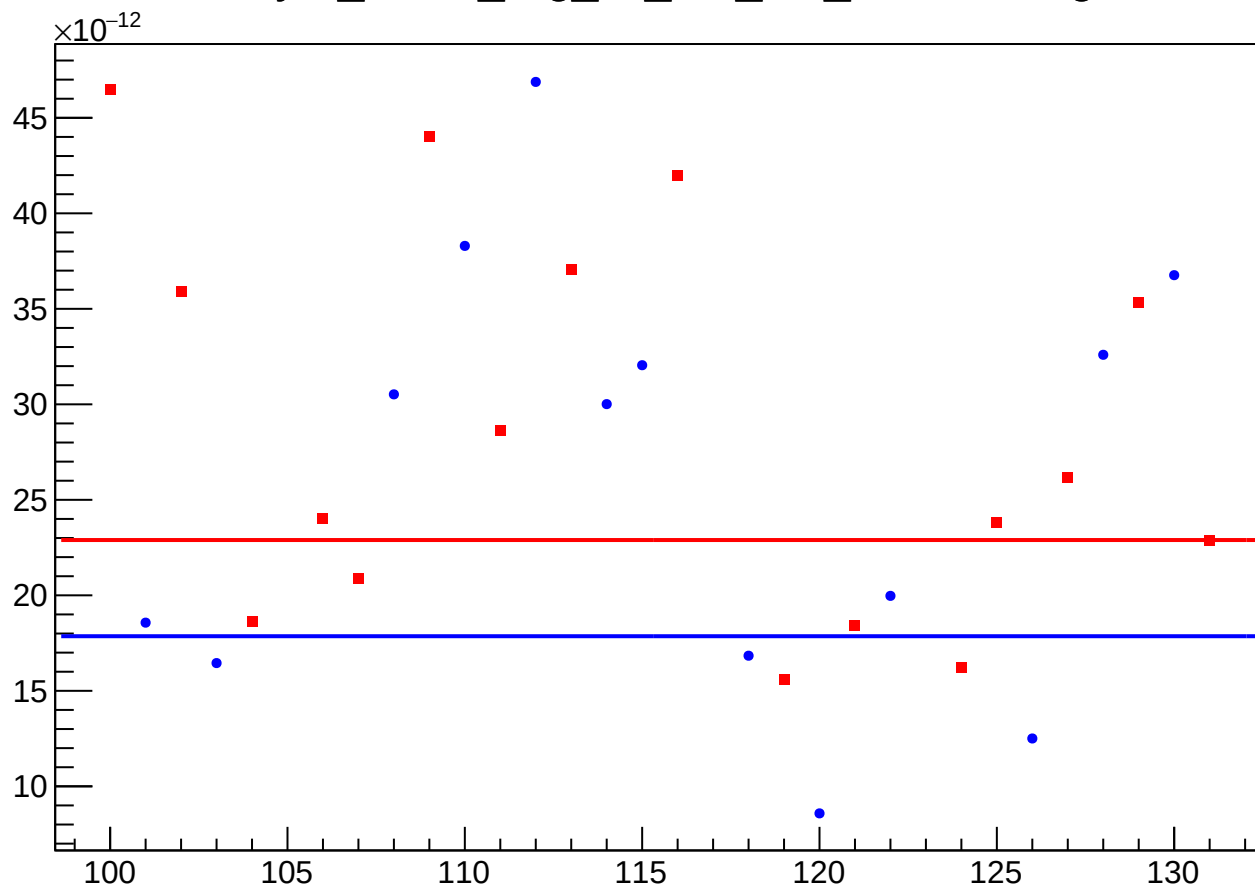
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 26.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam1_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 959432.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 575959.5/15

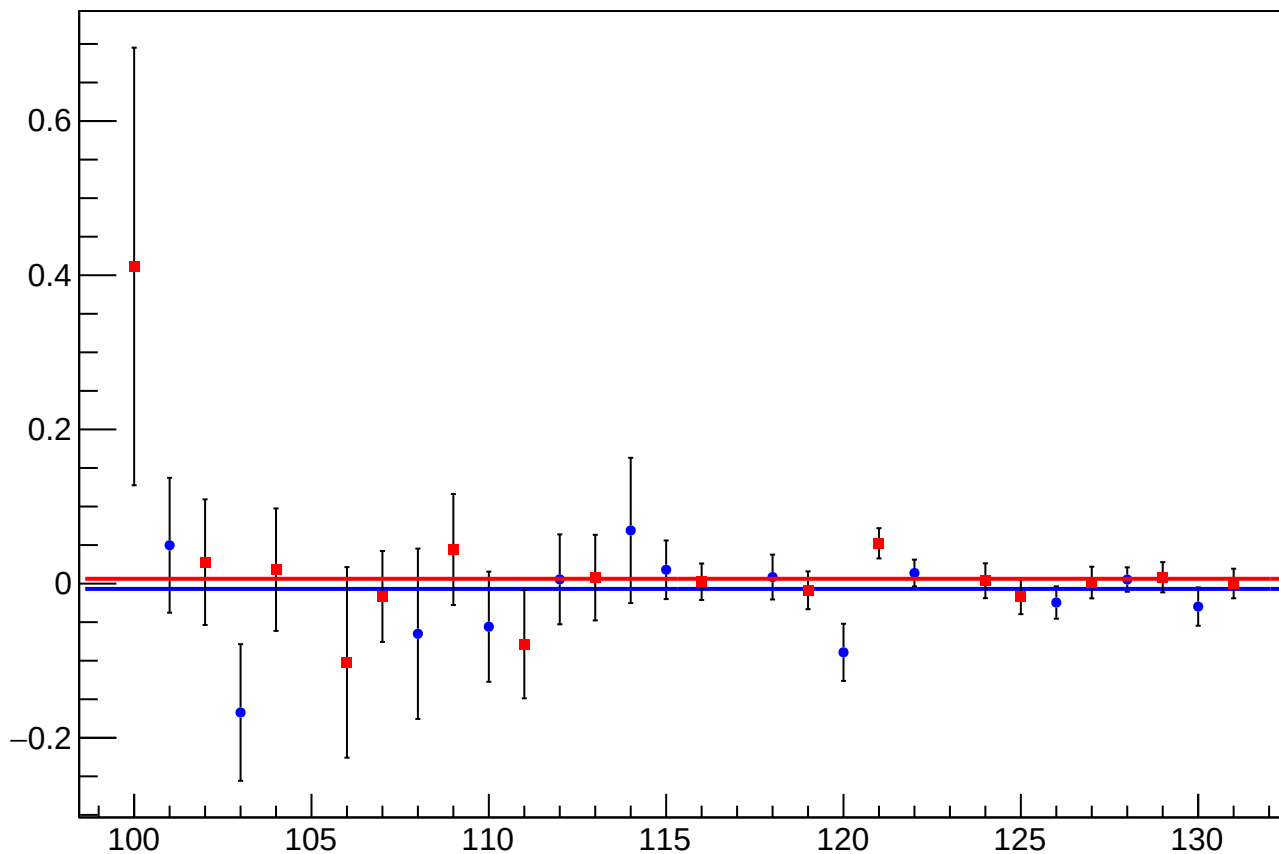
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1686040.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_dit_vs_cor_diff_mean vs Slug



Right In: -0.007 ± 0.008 χ^2/NDF : 14.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.006 ± 0.007 χ^2/NDF : 12.0/15

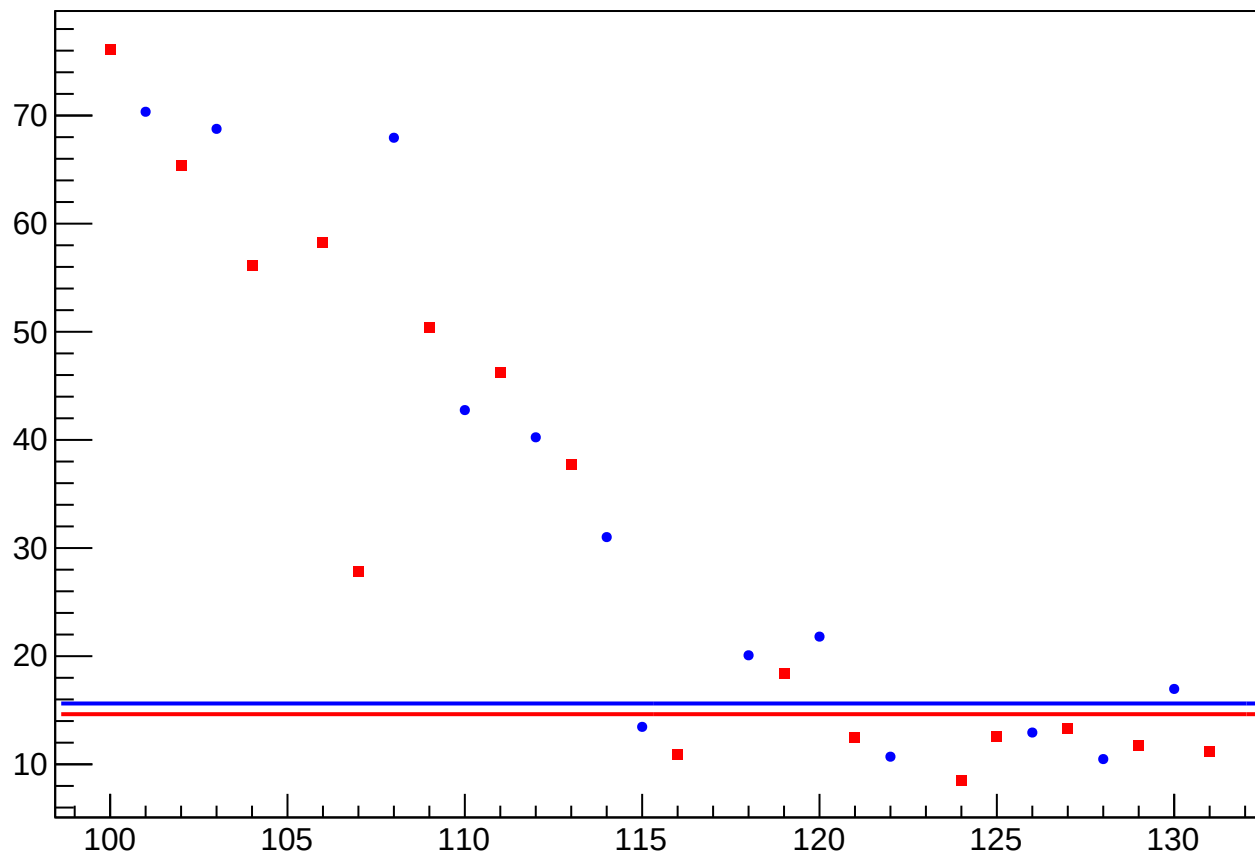
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.005 χ^2/NDF : 27.7/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam1_dit_vs_cor_diff_rms vs Slug



Right In: 15.624+/-0.006 χ^2/NDF : 3168317.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.635+/-0.005 χ^2/NDF : 3408095.7/15

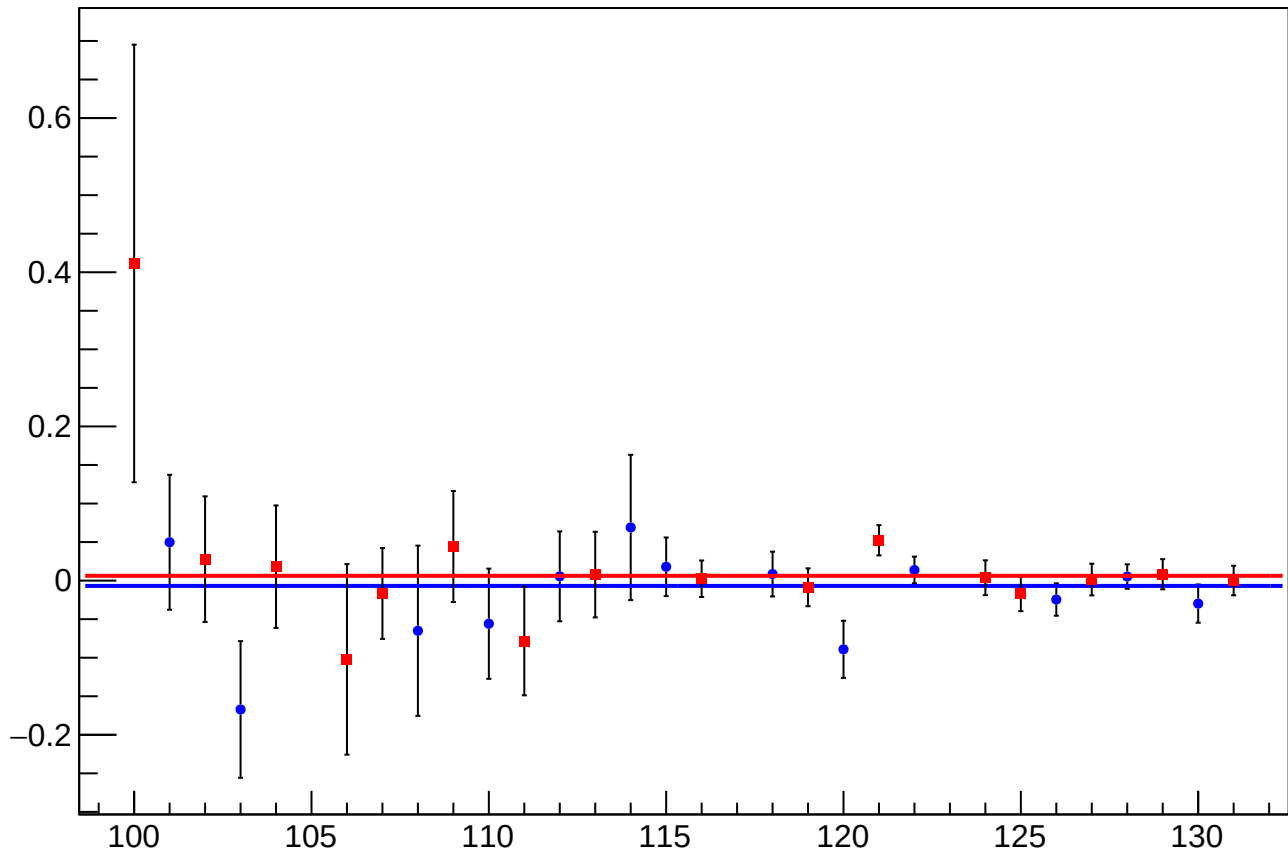
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.066+/-0.004 χ^2/NDF : 6592692.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.007 ± 0.008 χ^2/NDF : 14.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.006 ± 0.007 χ^2/NDF : 12.0/15

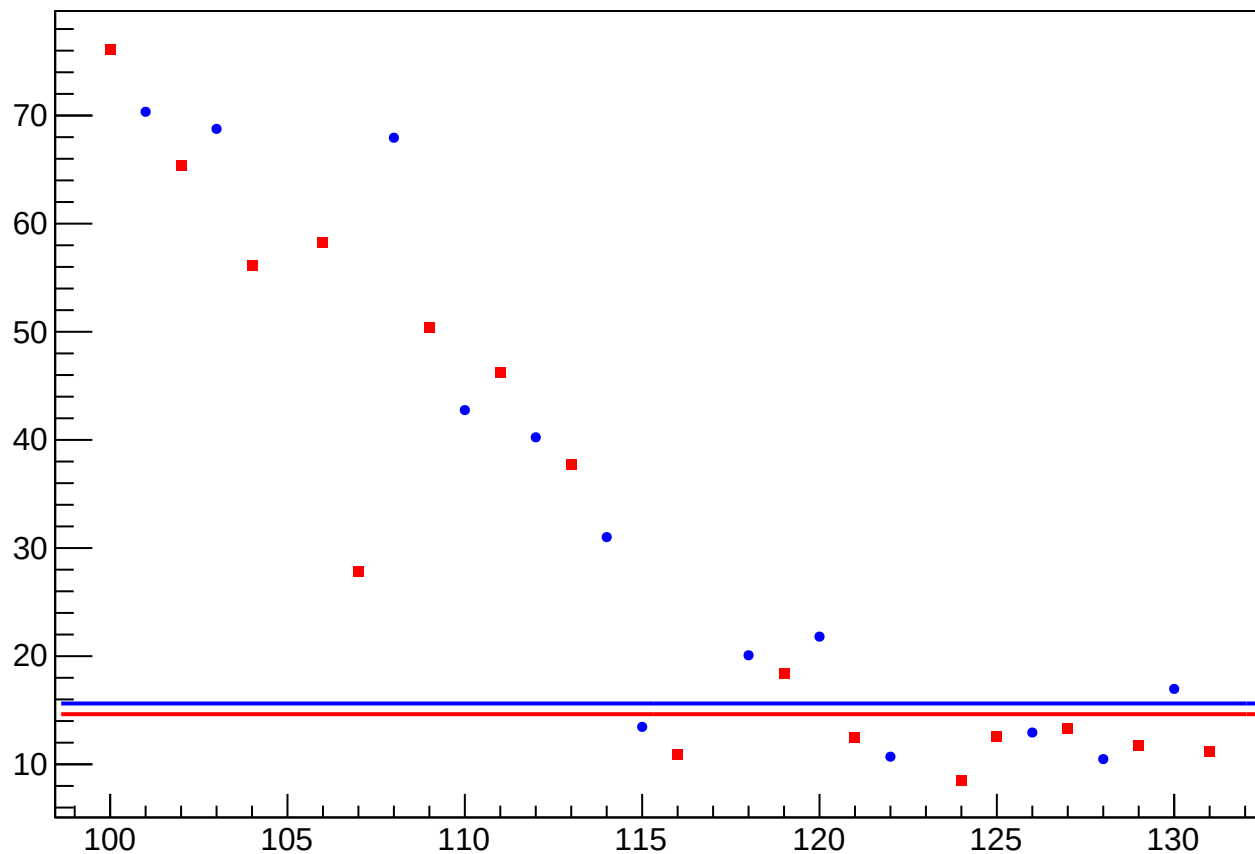
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.005 χ^2/NDF : 27.7/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam1_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 15.624+/-0.006 χ^2/NDF : 3168317.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.635+/-0.005 χ^2/NDF : 3408095.7/15

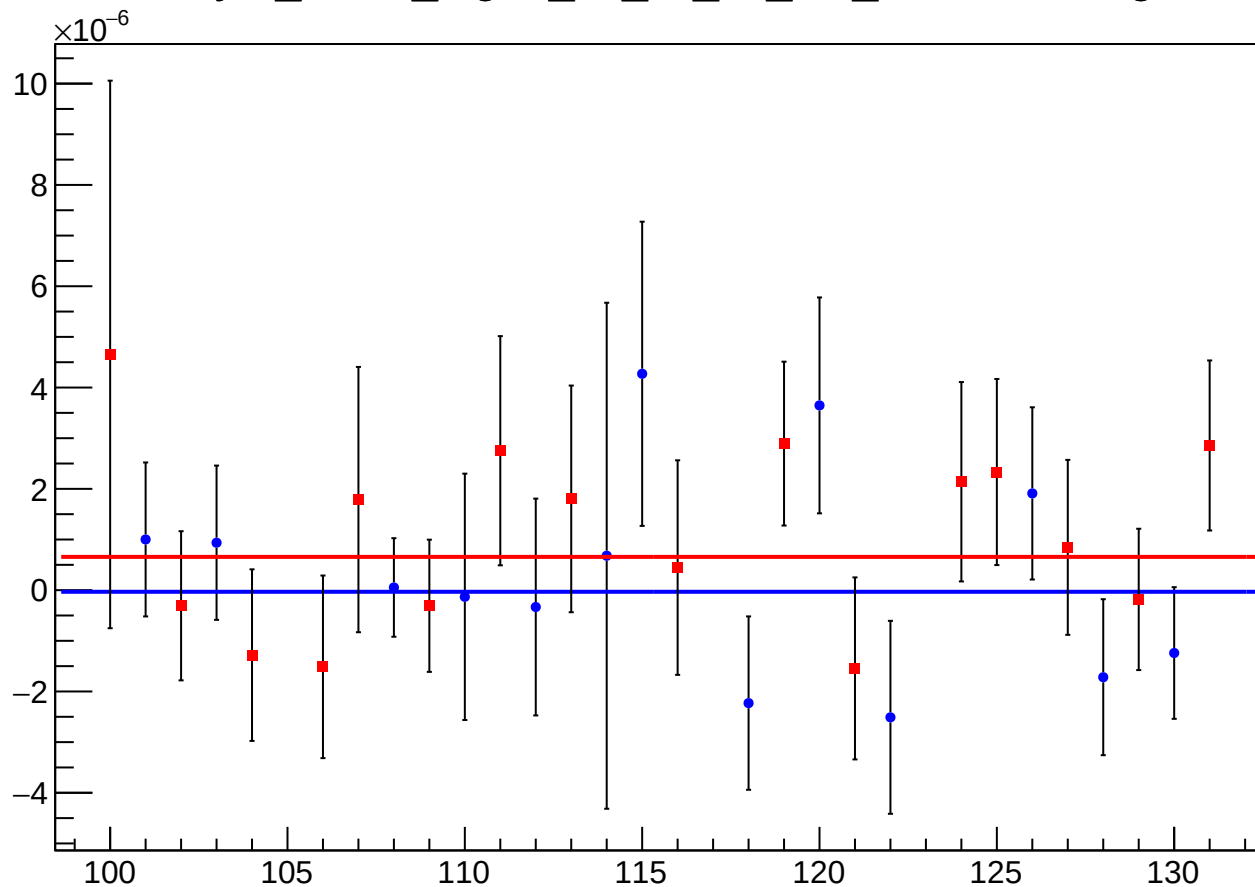
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.066+/-0.004 χ^2/NDF : 6592692.2/28

- 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 $\pm$ 0.000 χ^2 /NDF: 12.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.5/15

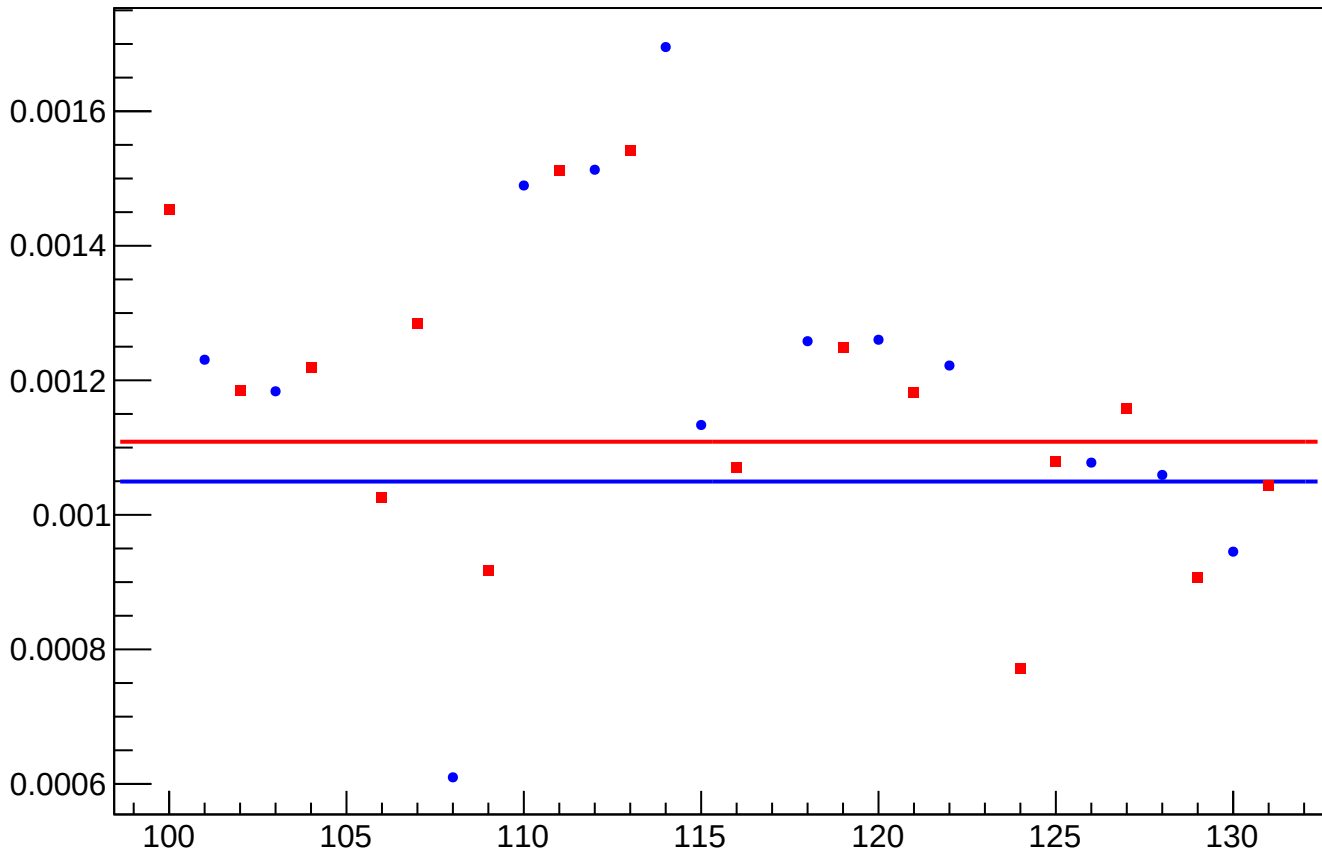
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 26.3/28

- sign 0.000 $\pm$ 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 : 725907.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 341741.9/15

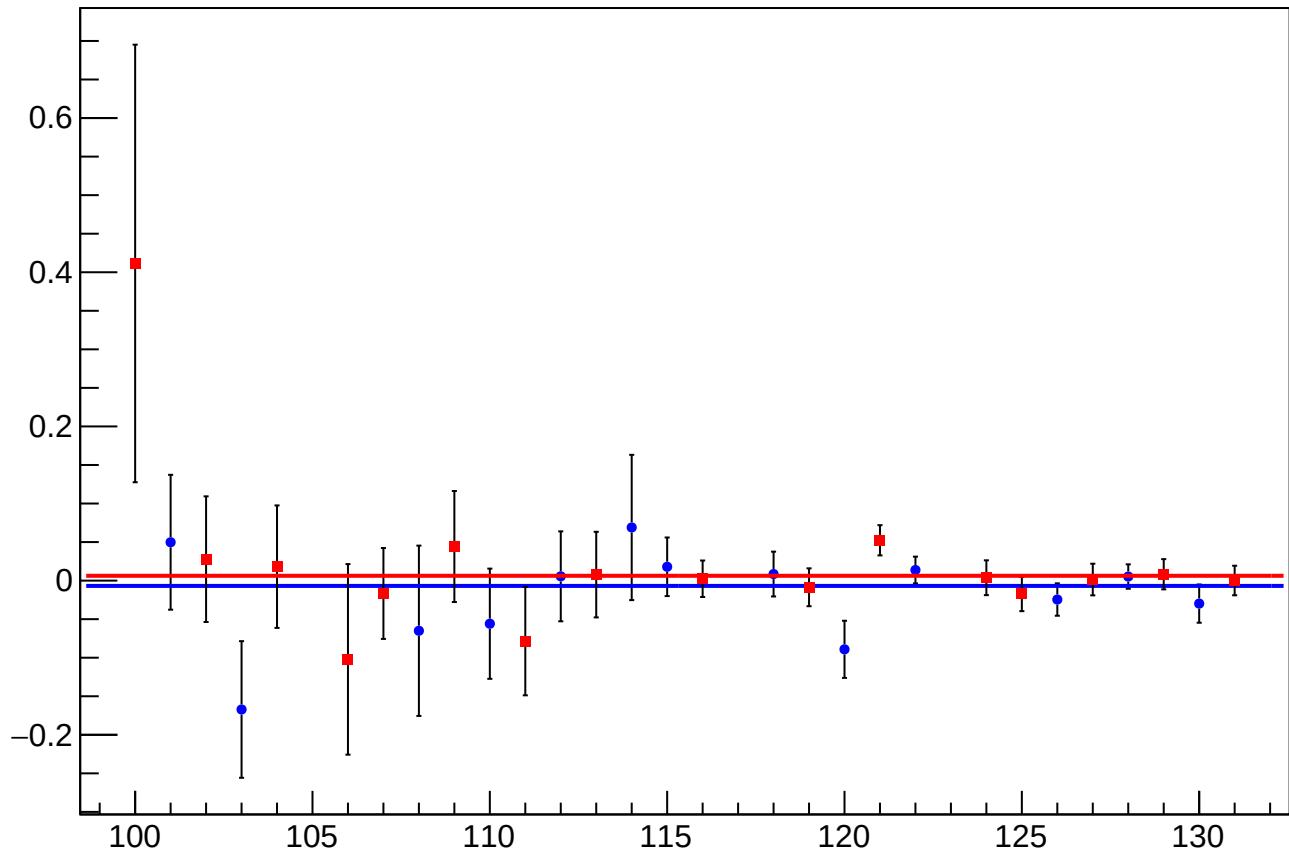
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1084463.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.007 ± 0.008 χ^2/NDF : 14.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.006 ± 0.007 χ^2/NDF : 12.0/15

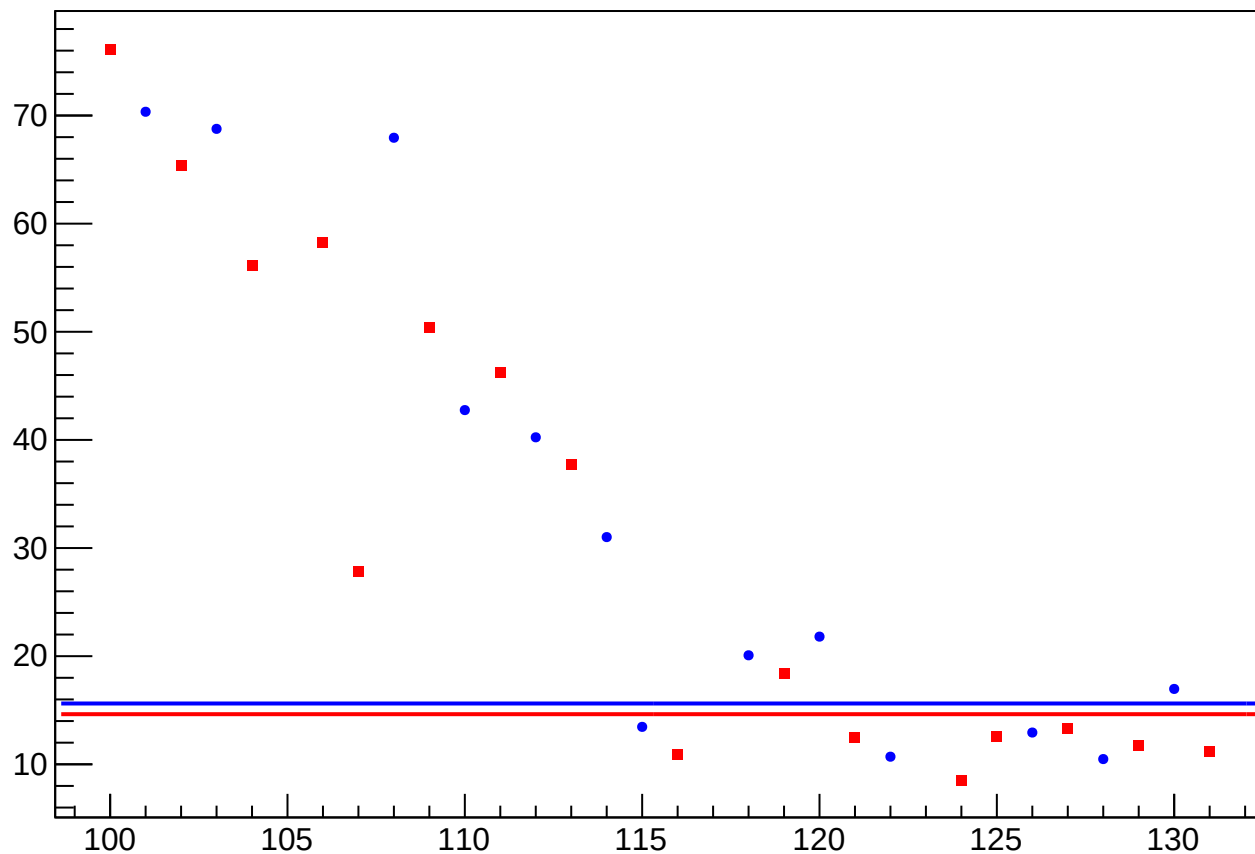
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.005 χ^2/NDF : 27.7/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 15.624+/-0.006 χ^2/NDF : 3168362.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.635+/-0.005 χ^2/NDF : 3408109.7/15

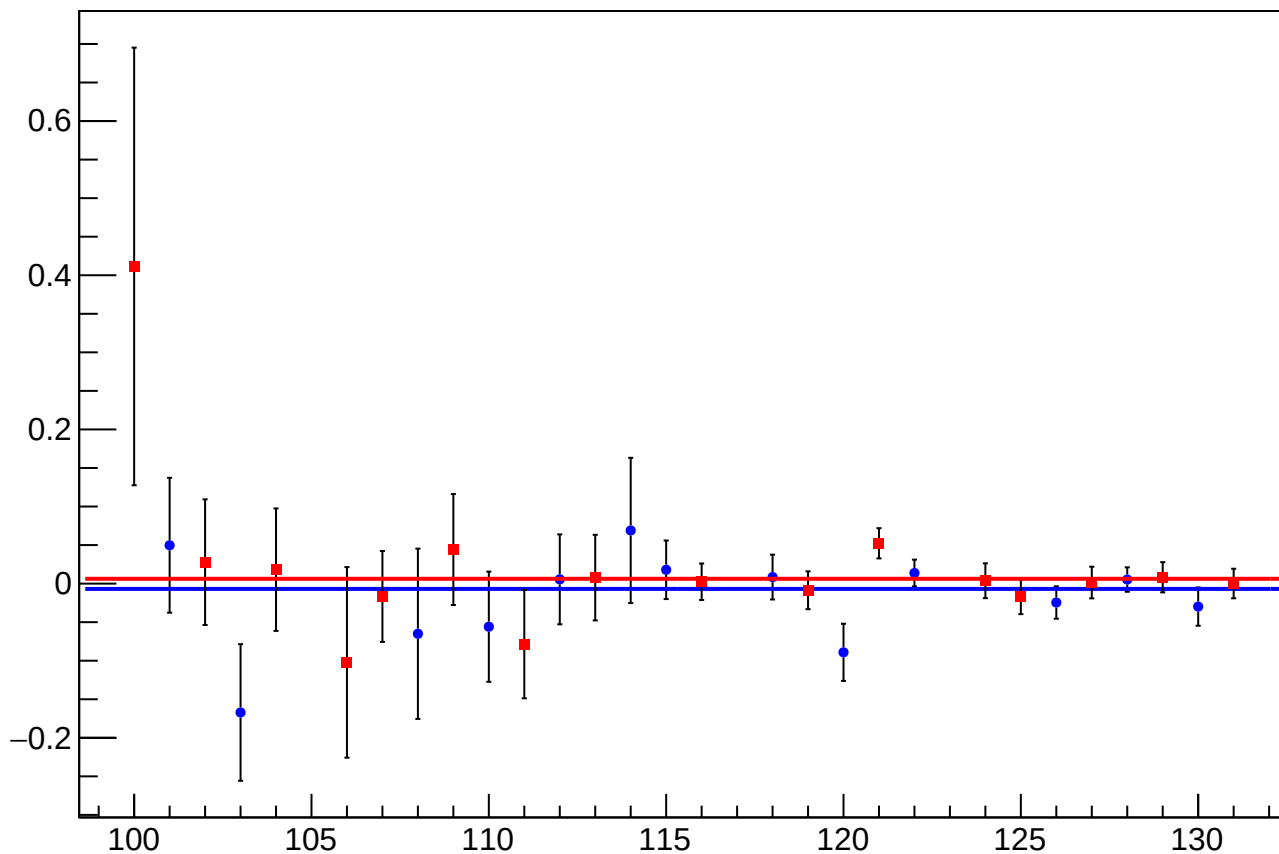
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.066+/-0.004 χ^2/NDF : 6592746.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.007 ± 0.008 χ^2/NDF : 14.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.006 ± 0.007 χ^2/NDF : 12.0/15

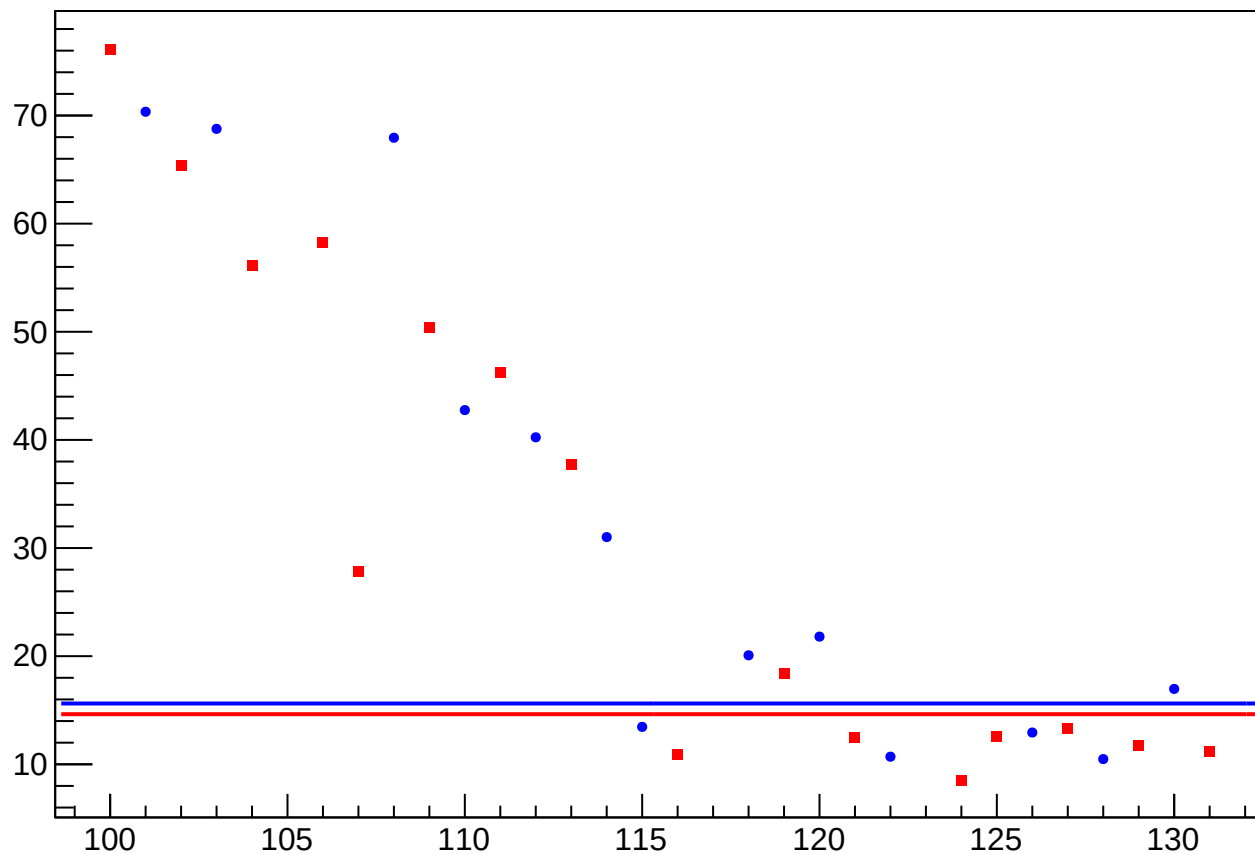
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.005 χ^2/NDF : 27.7/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 15.624+/-0.006 χ^2/NDF : 3168362.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.635+/-0.005 χ^2/NDF : 3408109.7/15

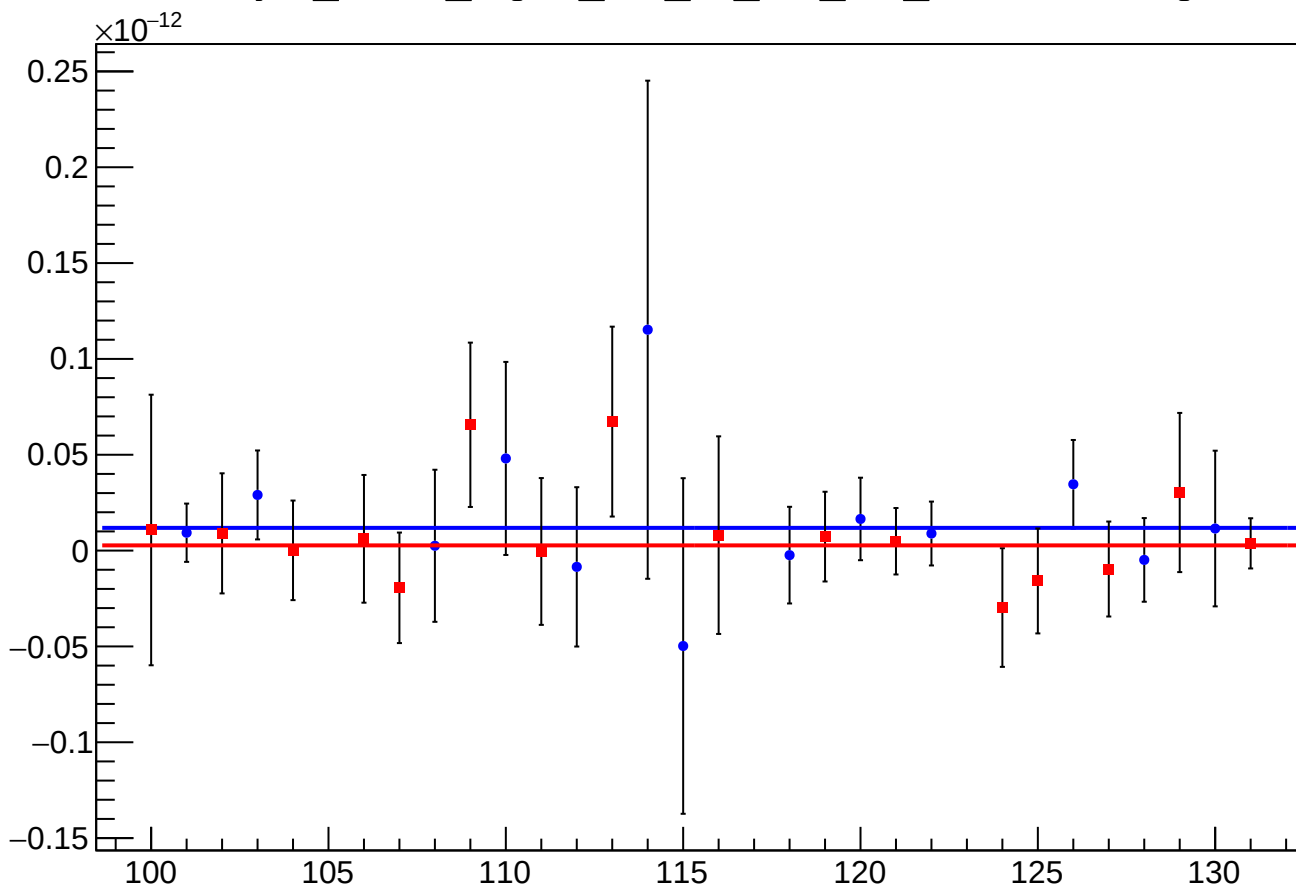
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.066+/-0.004 χ^2/NDF : 6592746.6/28

- 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: 4.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.8/15

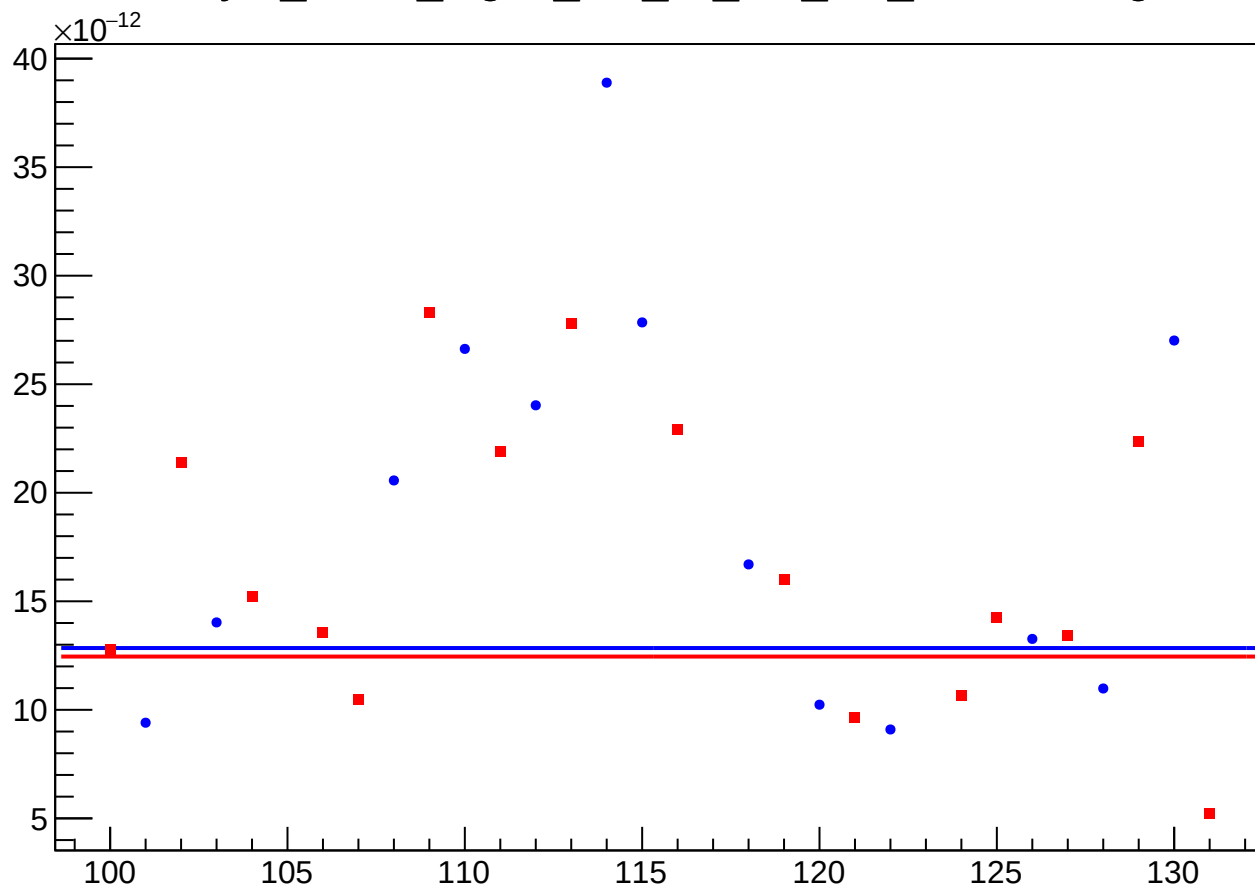
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.2/28

- 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 : 1053106.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1707232.9/15

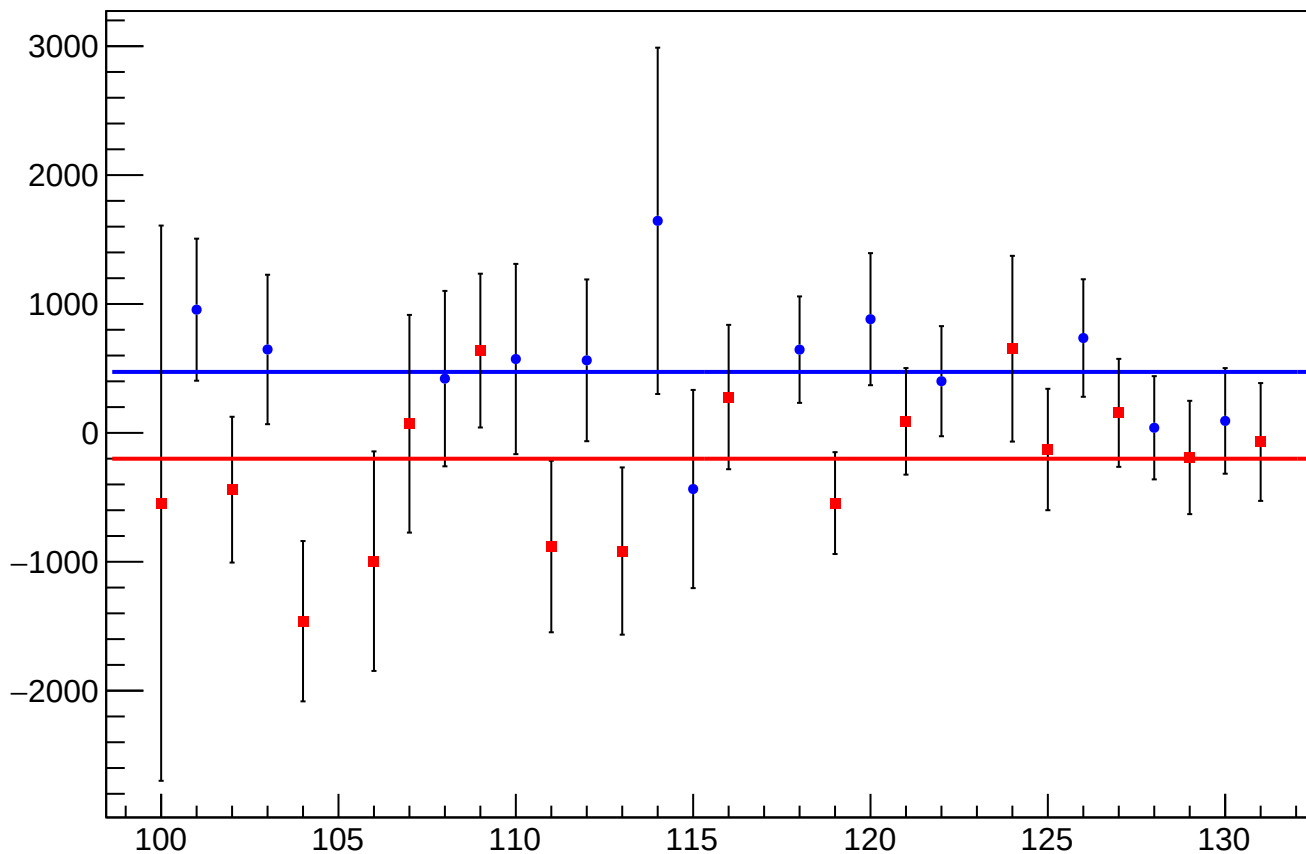
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2763585.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_mean vs Slug



Right In: 472.949+/-145.533 χ^2/NDF : 6.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -200.419+/-136.475 χ^2/NDF : 13.7/15

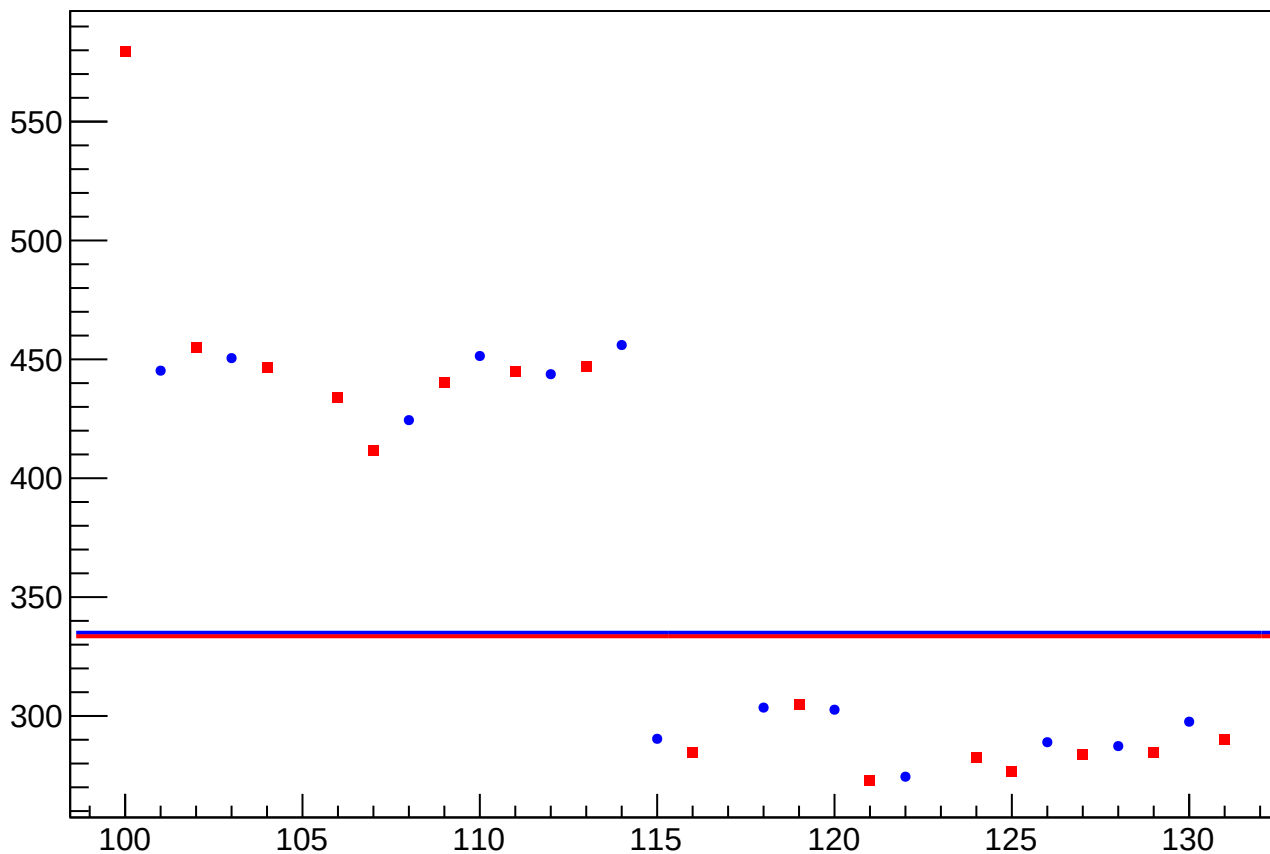
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.658+/-99.551 χ^2/NDF : 31.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_rms vs Slug



Right In: 335.006 $\pm$ 0.103 χ^2 /NDF: 452035.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 333.524 $\pm$ 0.097 χ^2 /NDF: 589711.5/15

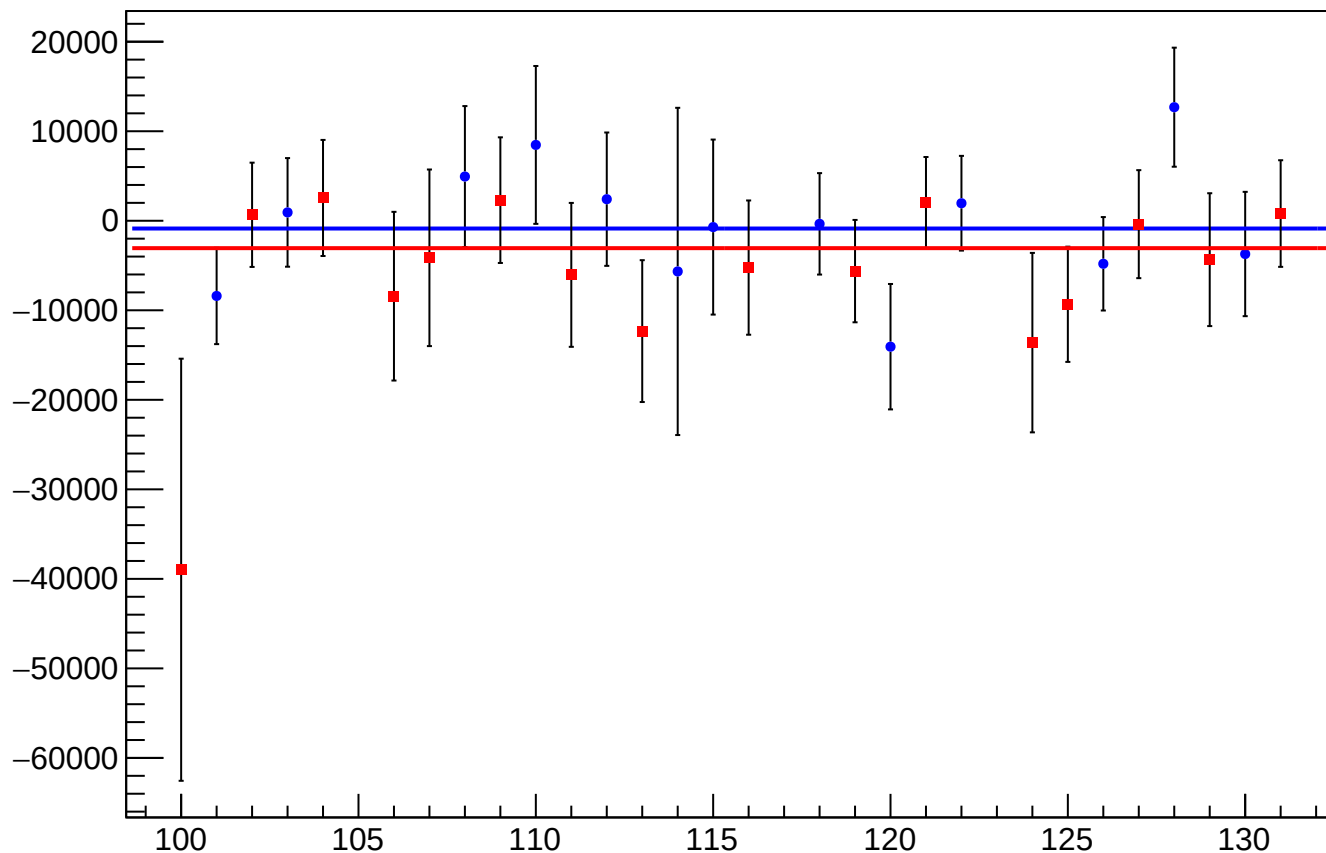
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 334.218 $\pm$ 0.070 χ^2 /NDF: 1041857.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_reg_correction_mean vs Slug



Right In: -866.548+/-1858.340 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3060.115+/-1760.457 χ^2/NDF : 9.9/15

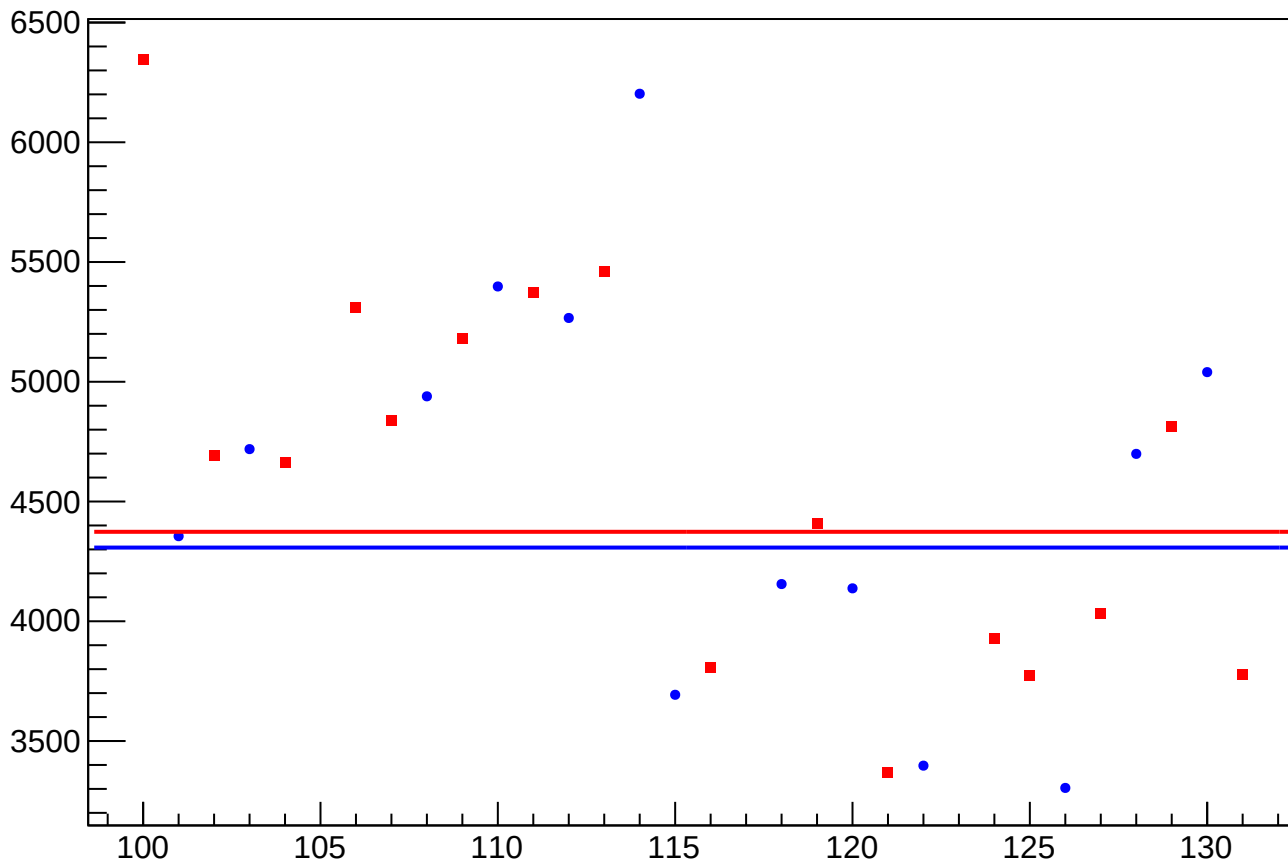
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2022.621+/-1278.034 χ^2/NDF : 23.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_reg_correction_rms vs Slug



Right In: 4307.720+/-1.314 χ^2/NDF : 280363.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

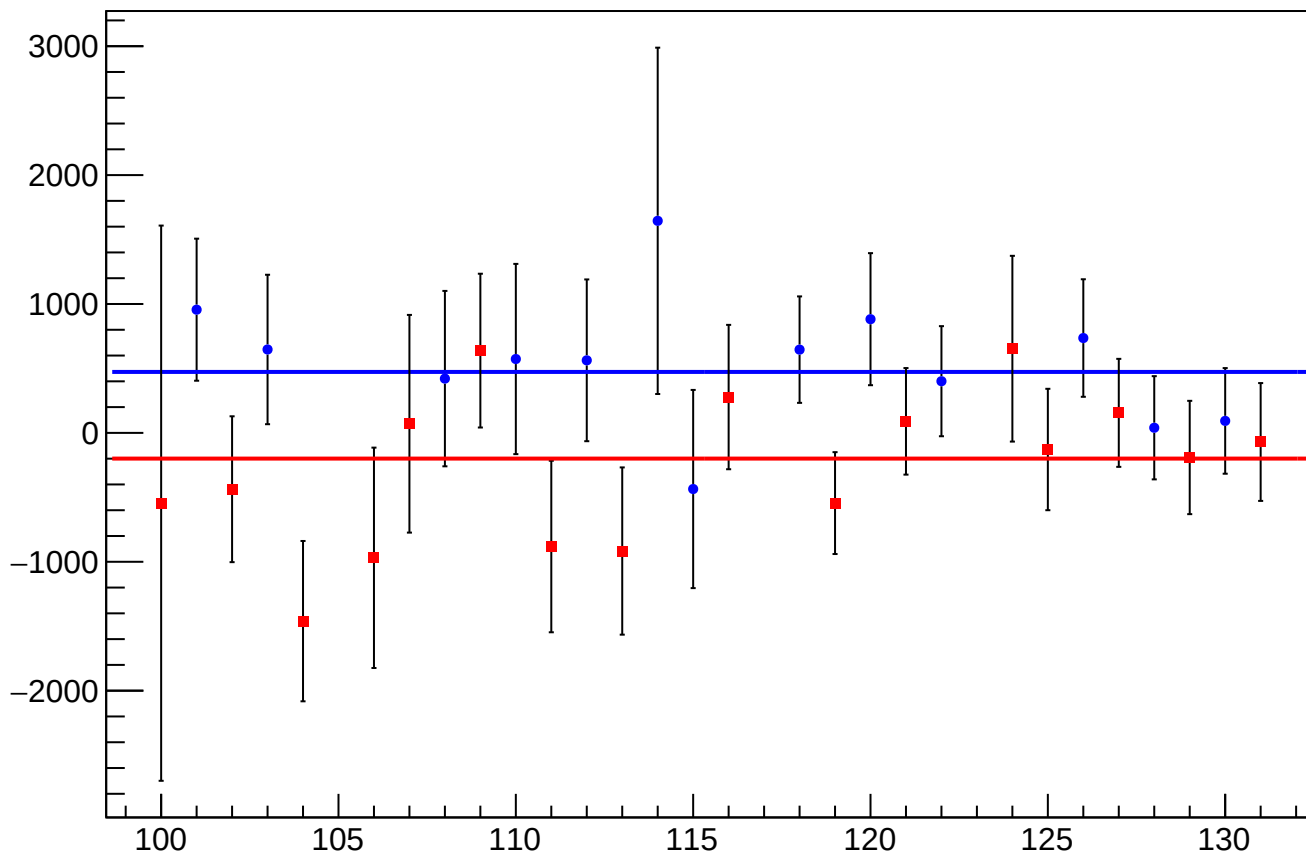
Right Out: 4373.527+/-1.245 χ^2/NDF : 286143.8/15

All: 4342.402+/-0.904 χ^2/NDF : 567829.1/28

- 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: 472.949 $\pm$ 145.533 χ^2 /NDF: 6.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -199.372 $\pm$ 136.491 χ^2 /NDF: 13.7/15

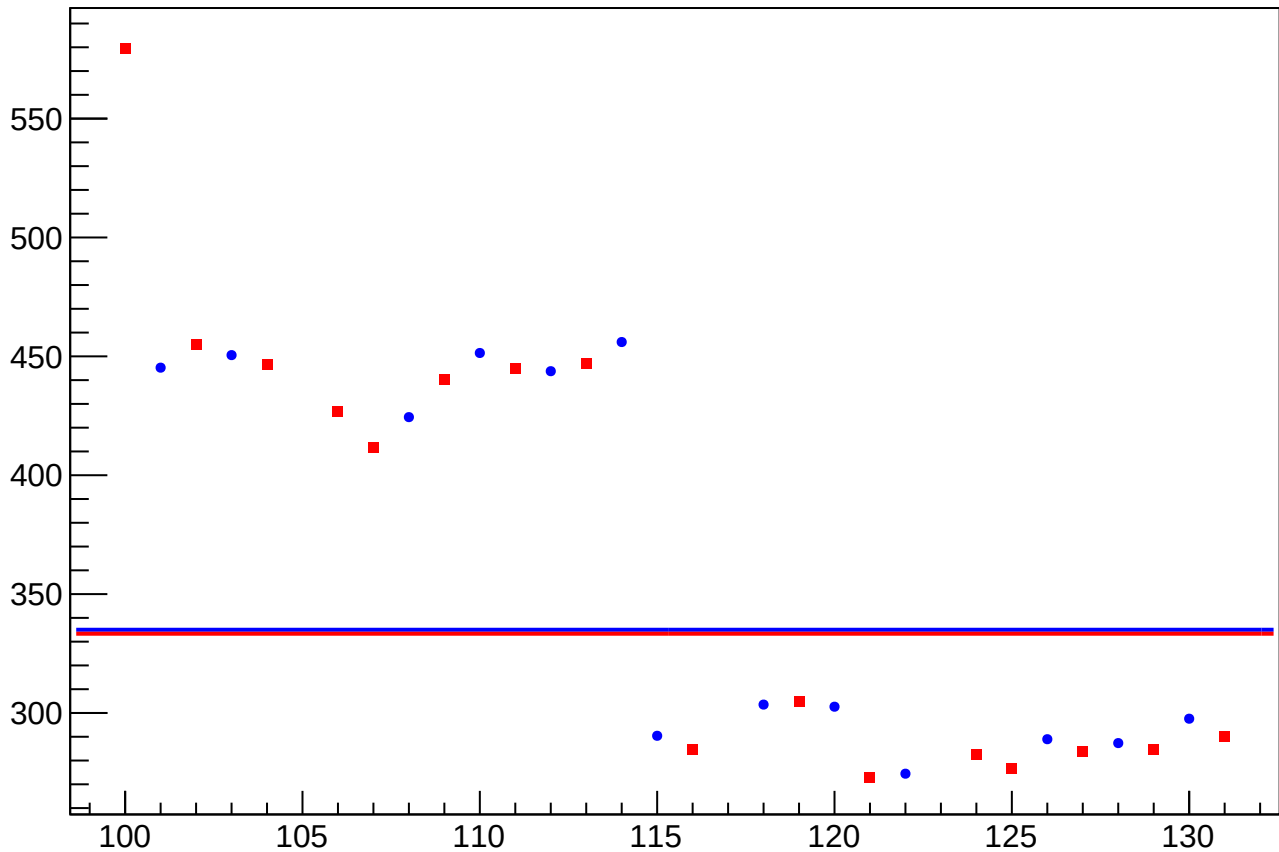
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 115.256 $\pm$ 99.557 χ^2 /NDF: 31.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam2_rms vs Slug



Right In: 335.006 $\pm$ 0.103 χ^2 /NDF: 452036.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 333.336 $\pm$ 0.097 χ^2 /NDF: 586103.1/15

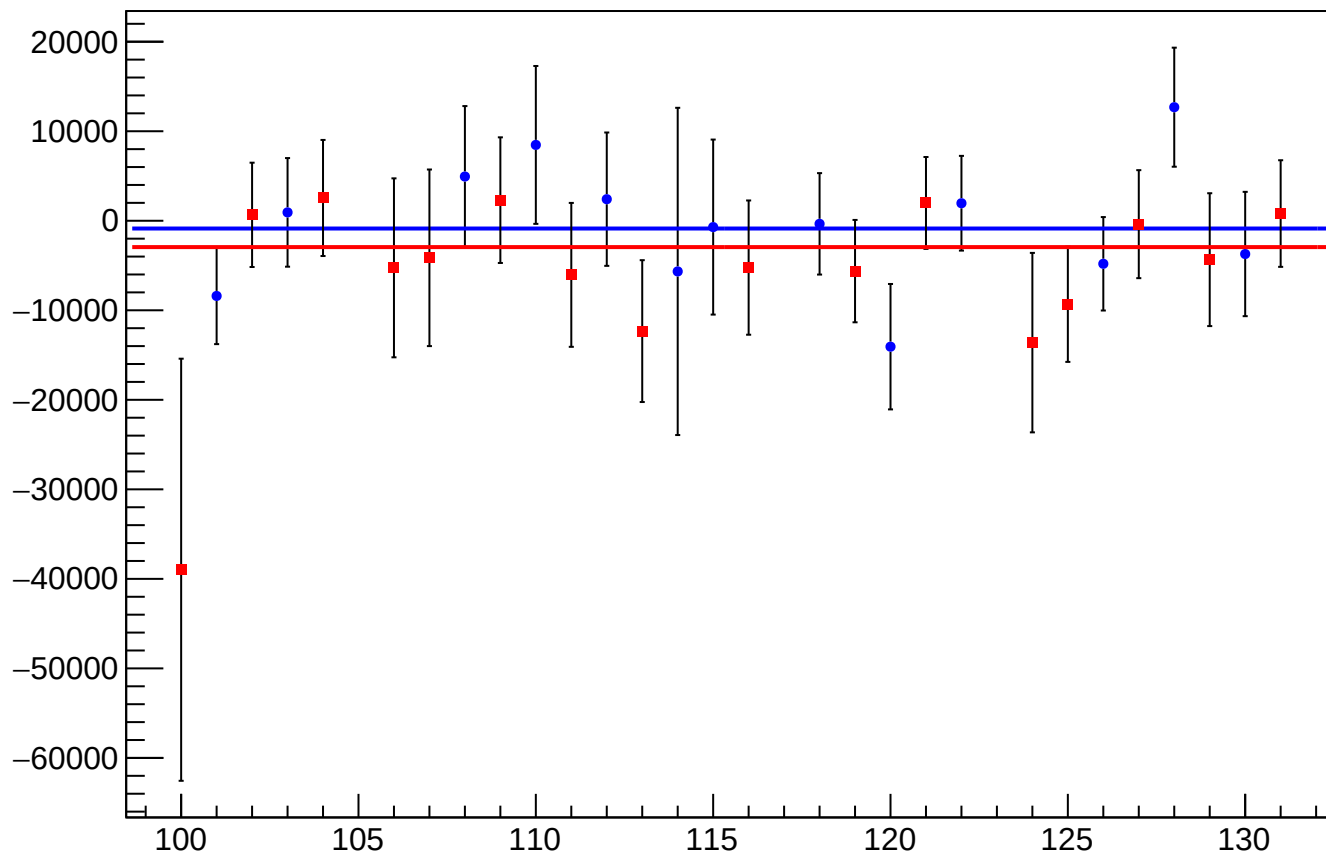
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 334.118 $\pm$ 0.070 χ^2 /NDF: 1038279.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_cor_correction_mean vs Slug



Right In: -866.376+/-1858.347 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2941.501+/-1763.977 χ^2/NDF : 9.6/15

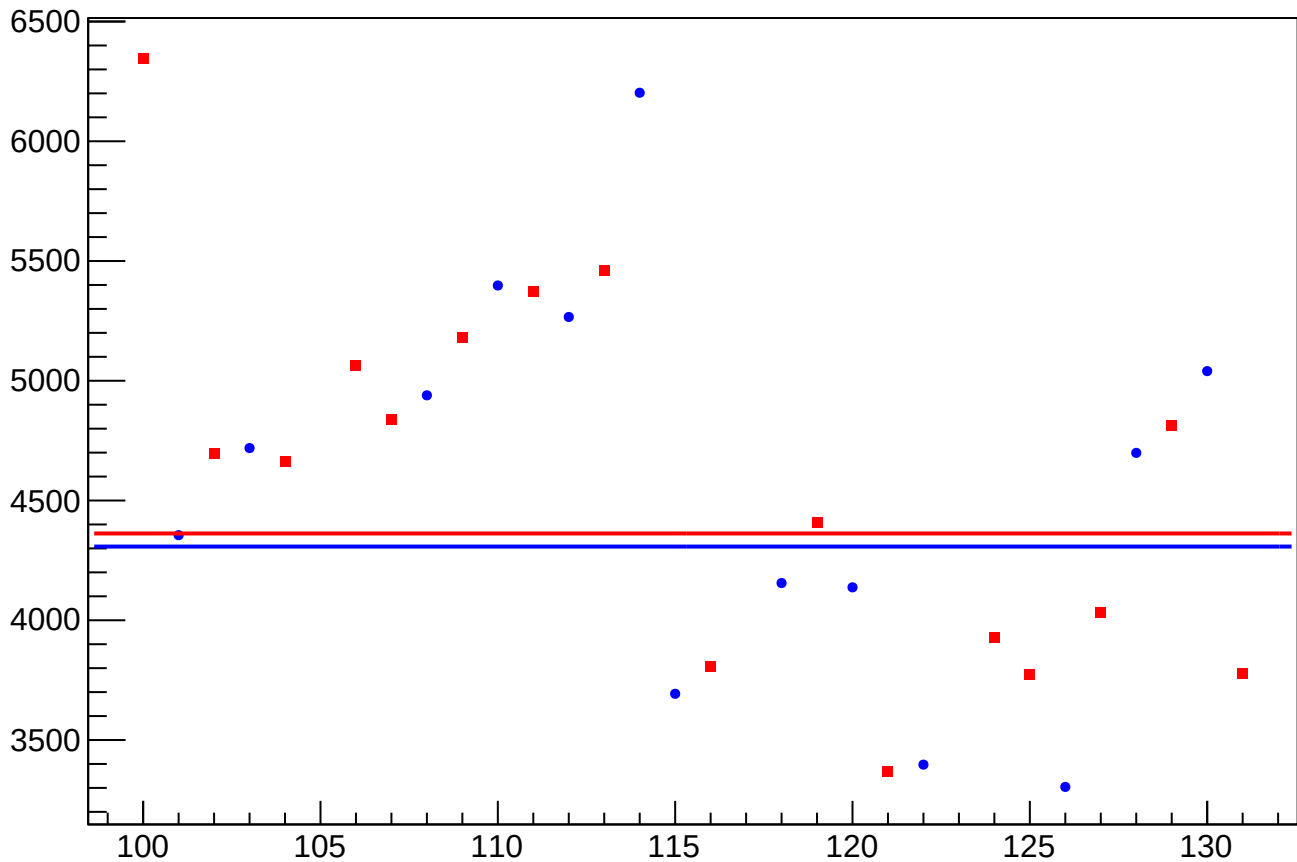
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1957.963+/-1279.382 χ^2/NDF : 23.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_cor_correction_rms vs Slug



Right In: 4307.733+/-1.314 χ^2/NDF : 280371.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

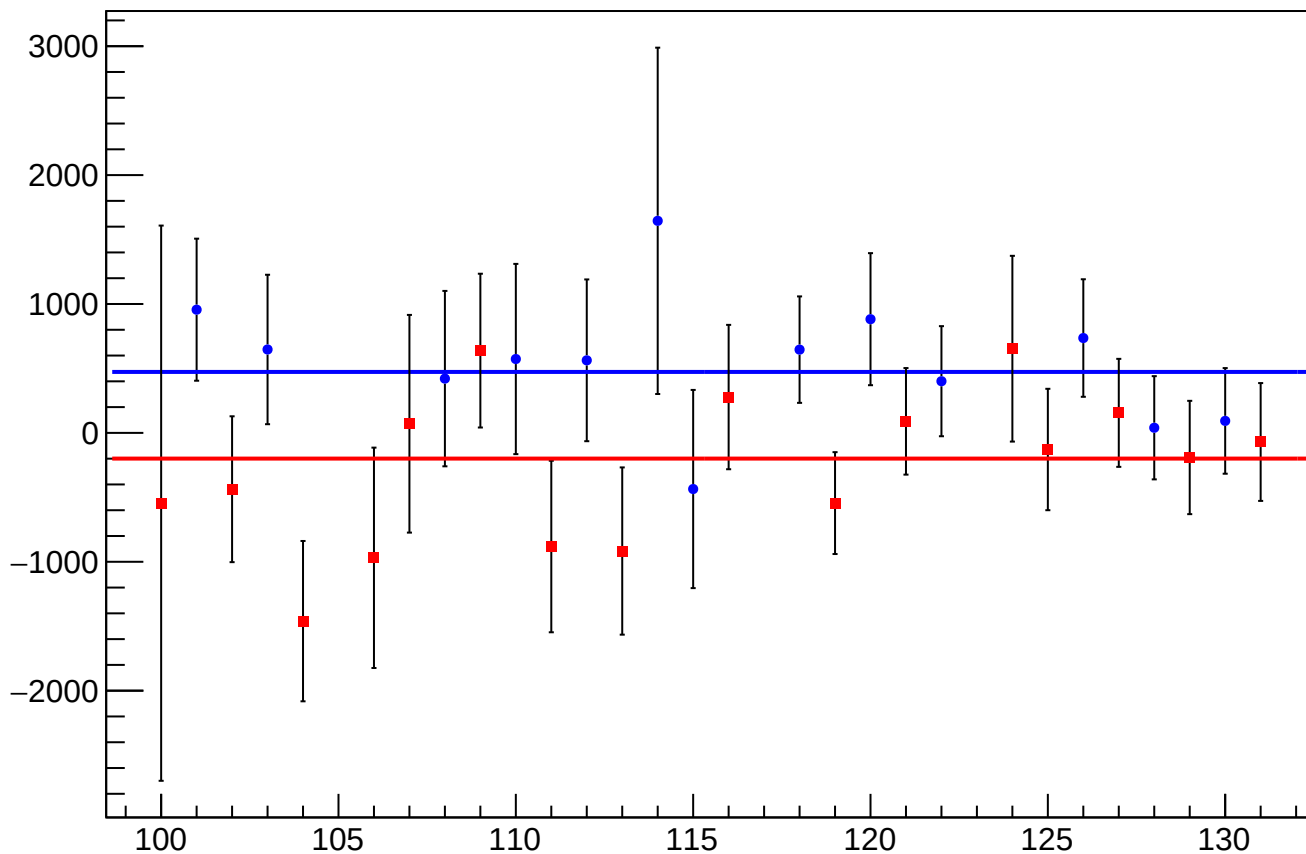
Right Out: 4362.402+/-1.247 χ^2/NDF : 275932.8/15

All: 4336.491+/-0.905 χ^2/NDF : 557214.8/28

- 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: 472.949 $\pm$ 145.533 χ^2 /NDF: 6.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -199.372 $\pm$ 136.491 χ^2 /NDF: 13.7/15

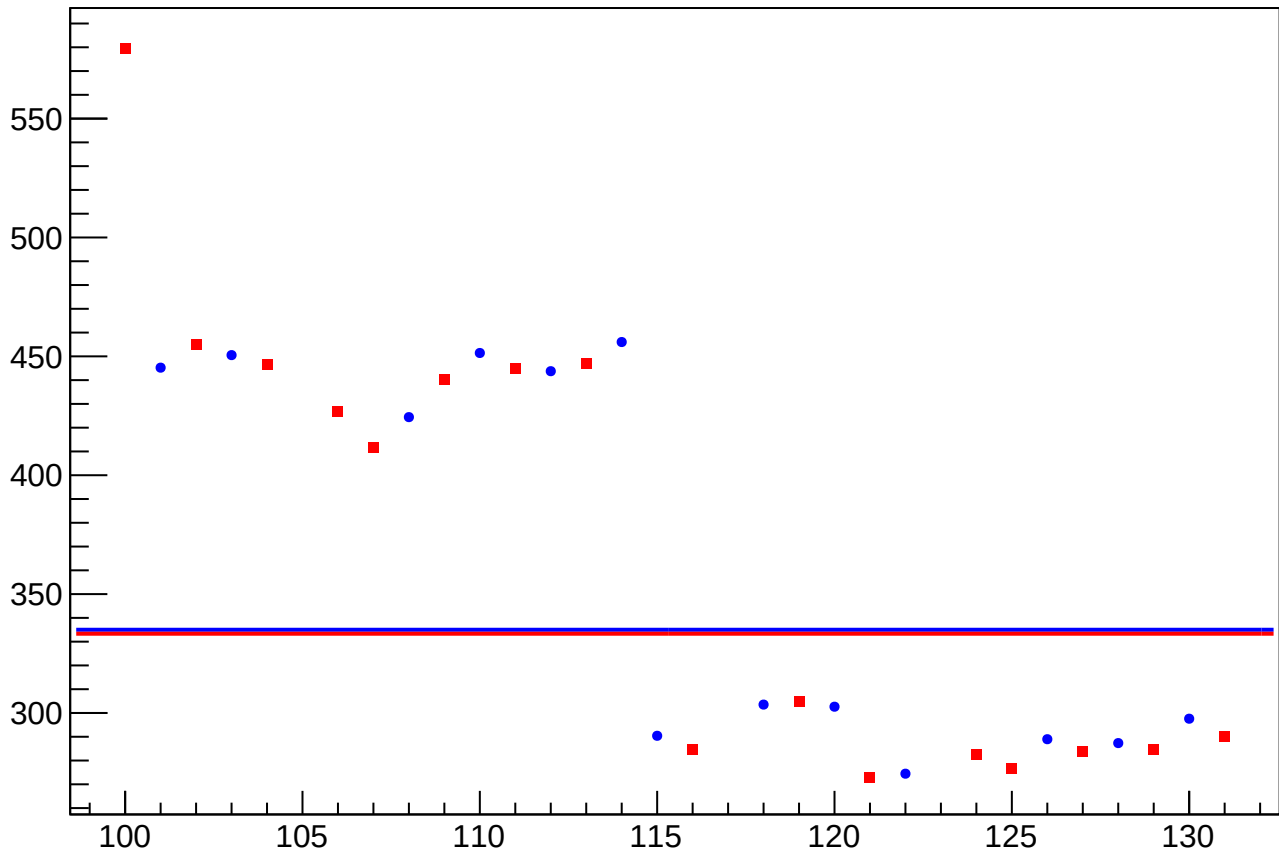
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 115.256 $\pm$ 99.557 χ^2 /NDF: 31.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam2_rms vs Slug



Right In: 335.006+/-0.103 χ^2/NDF : 452036.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 333.336+/-0.097 χ^2/NDF : 586103.1/15

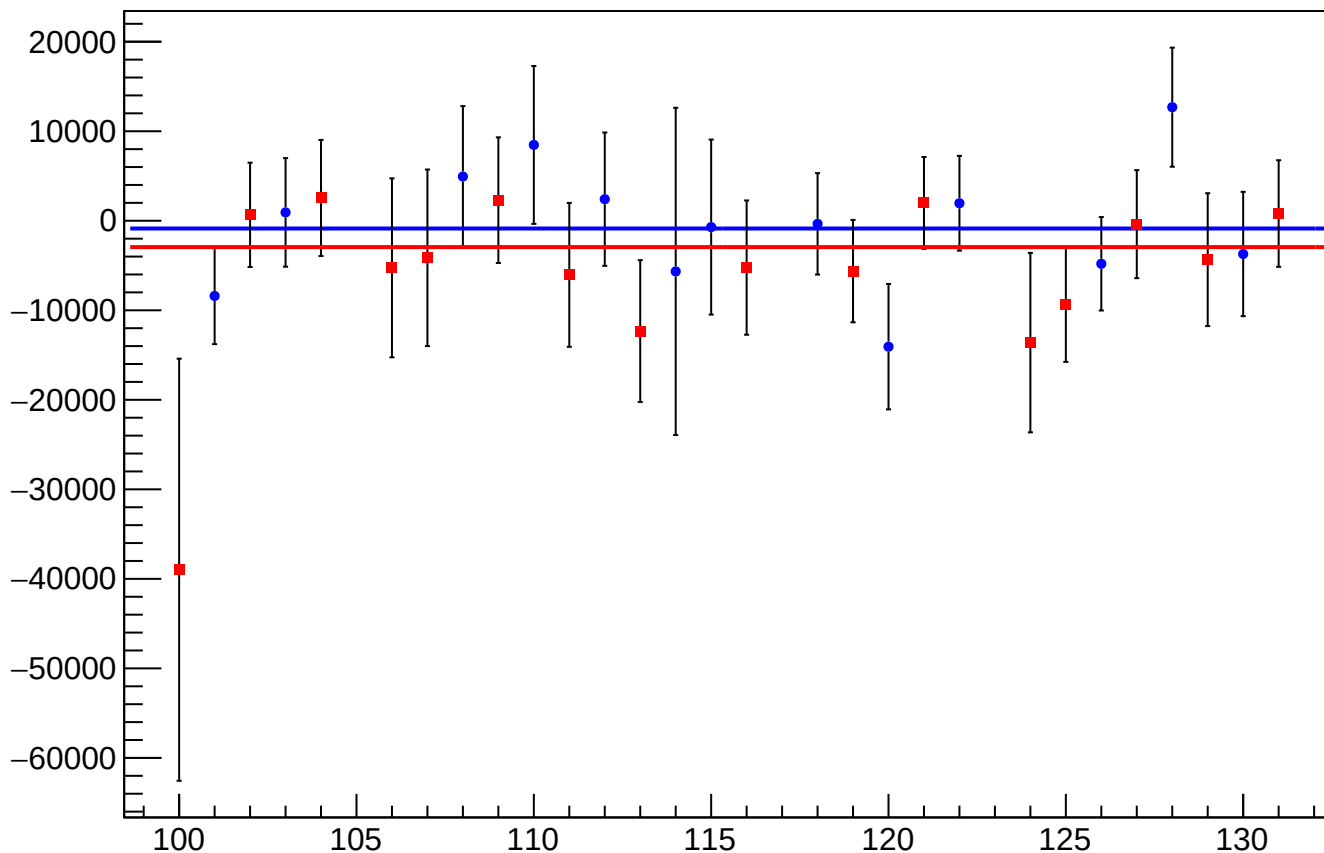
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 334.118+/-0.070 χ^2/NDF : 1038279.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_cor_correction_mean vs Slug



Right In: -866.376+/-1858.347 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2941.501+/-1763.977 χ^2/NDF : 9.6/15

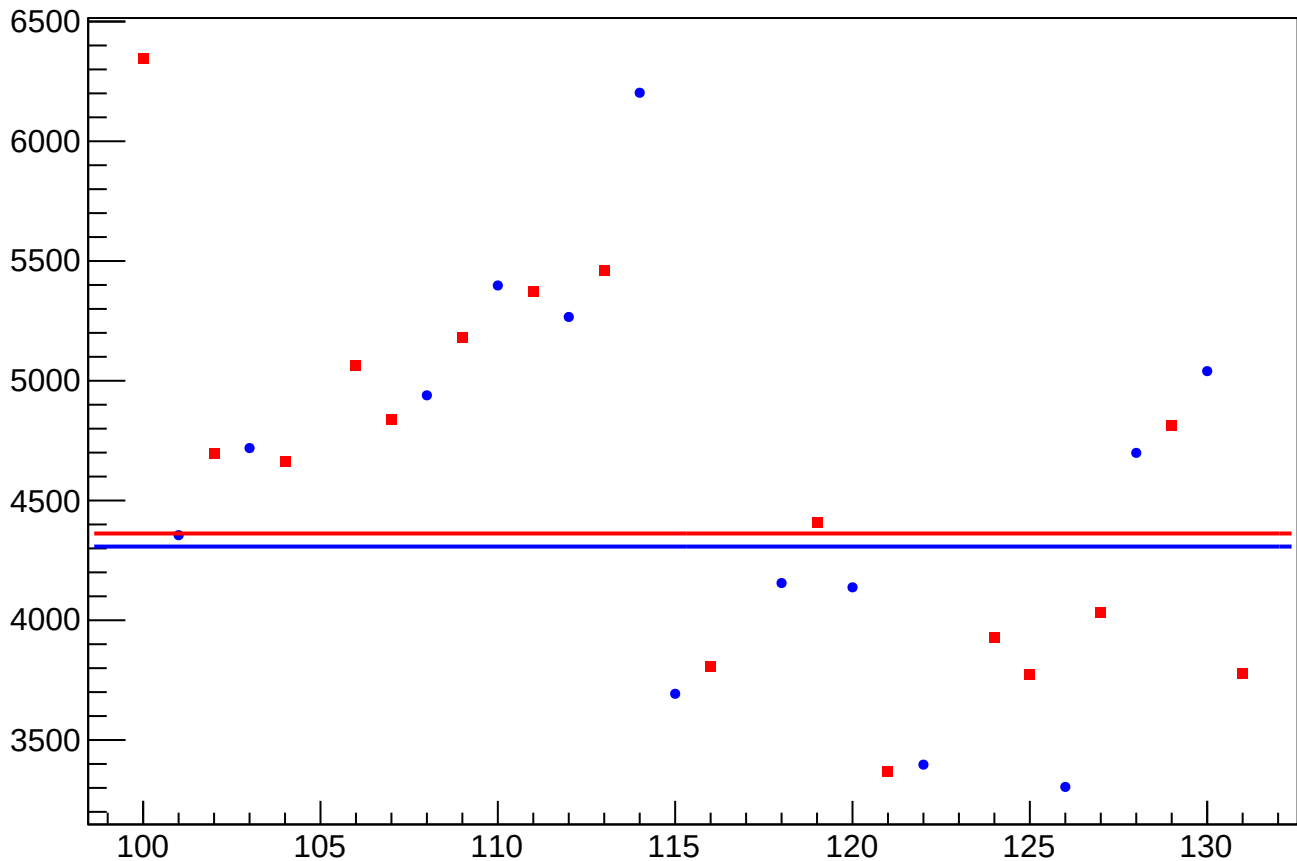
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1957.963+/-1279.382 χ^2/NDF : 23.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_cor_correction_rms vs Slug



Right In: 4307.733+/-1.314 χ^2/NDF : 280371.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

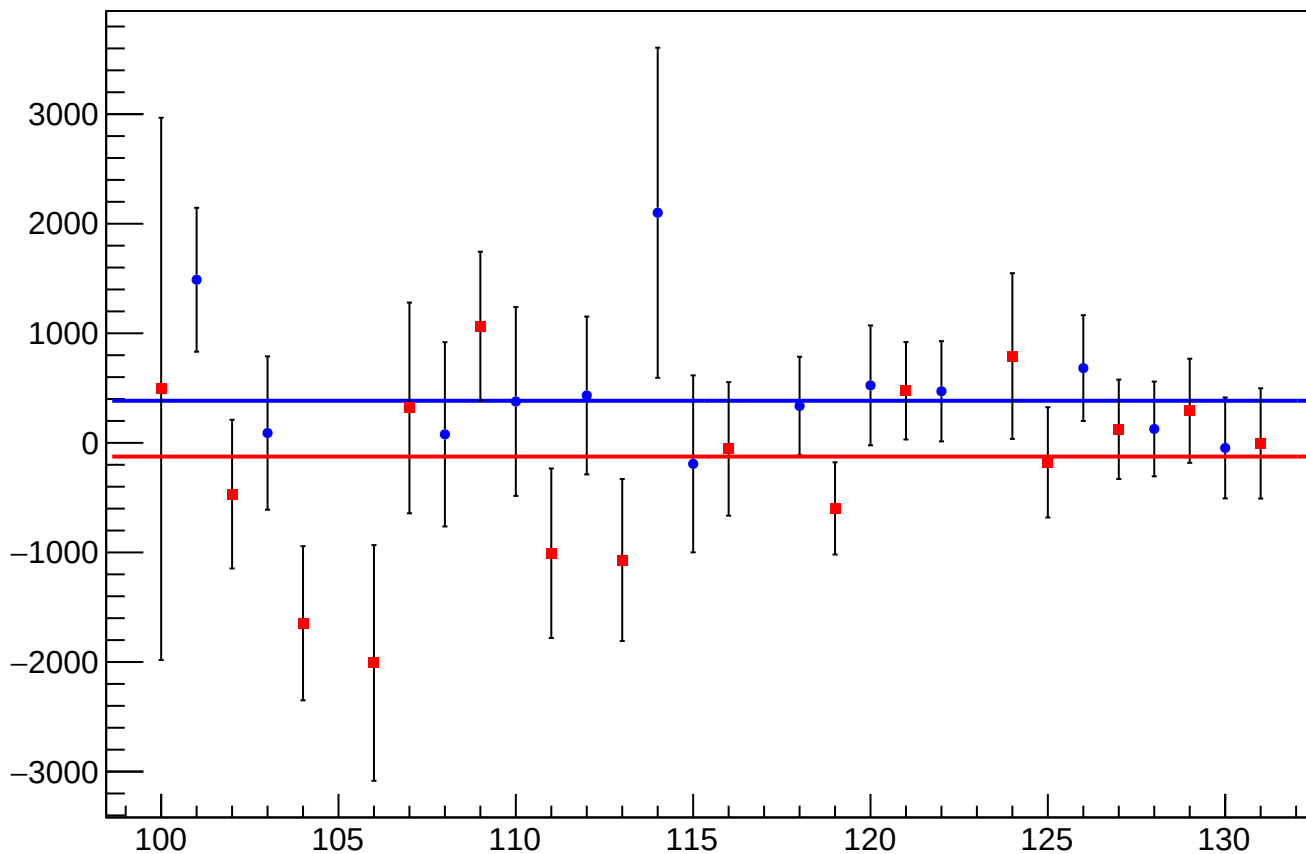
Right Out: 4362.402+/-1.247 χ^2/NDF : 275932.8/15

All: 4336.491+/-0.905 χ^2/NDF : 557214.8/28

- 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: 384.301 $\pm$ 161.248 χ^2 /NDF: 6.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -124.915 $\pm$ 150.228 χ^2 /NDF: 20.0/15

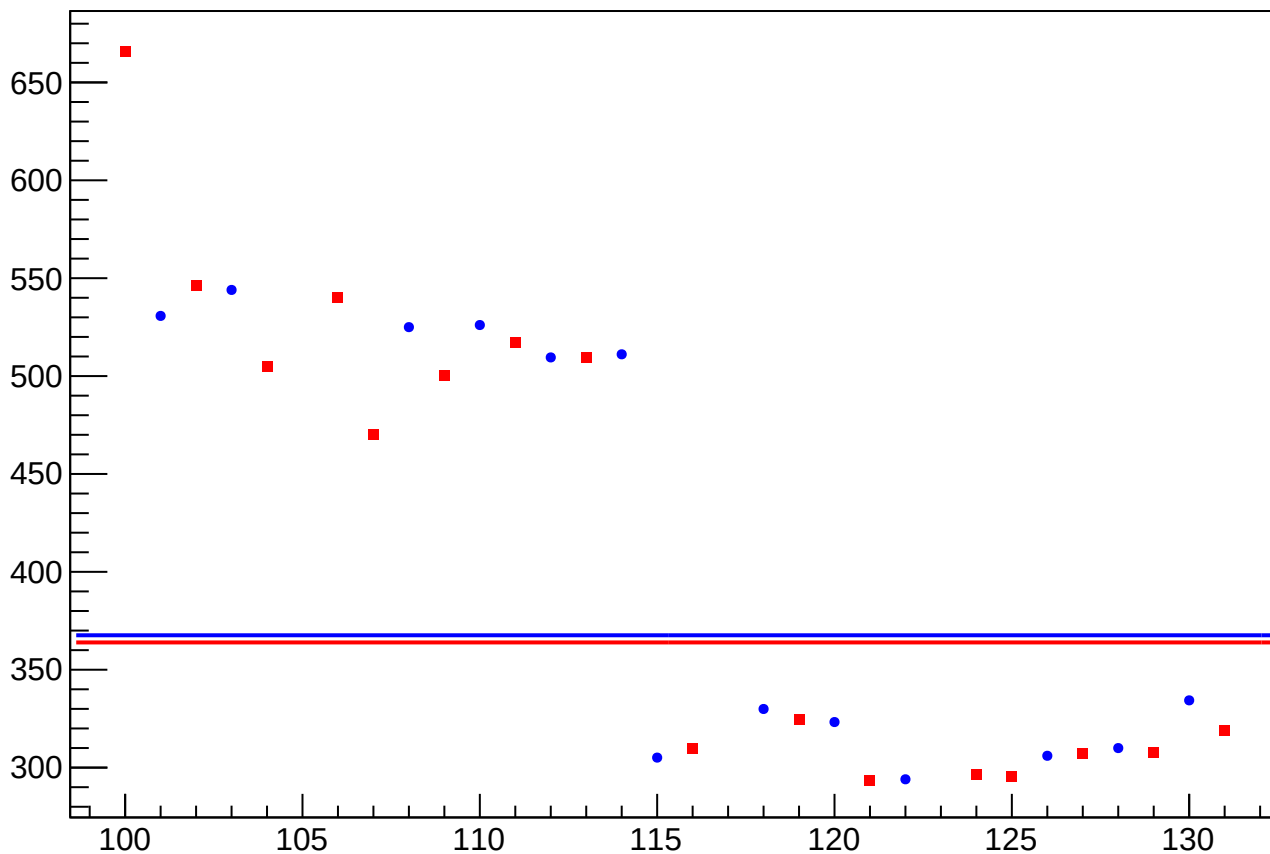
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 111.699 $\pm$ 109.917 χ^2 /NDF: 32.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam2_rms vs Slug



Right In: 367.599+/-0.114 χ^2/NDF : 653417.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 363.940+/-0.106 χ^2/NDF : 781395.3/15

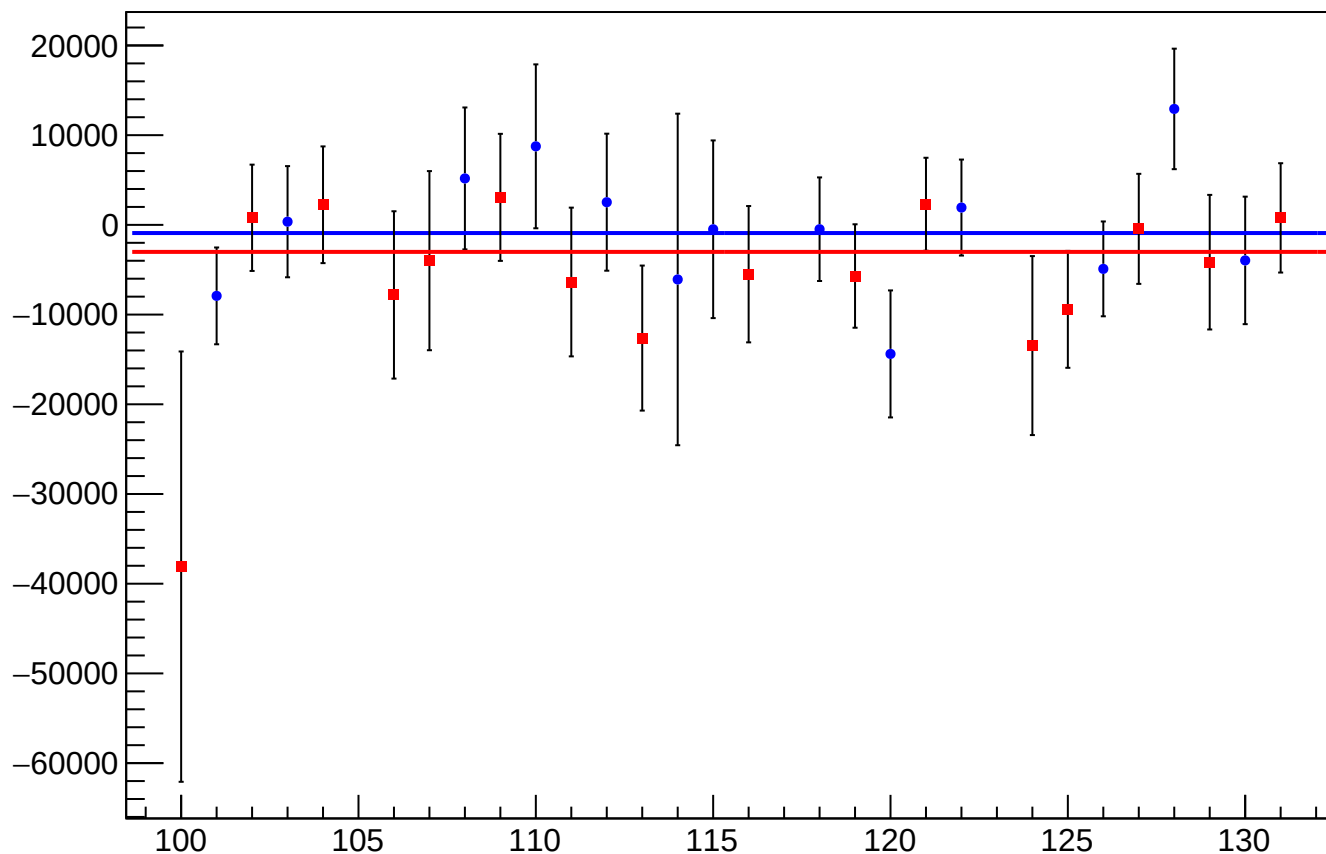
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 365.640+/-0.078 χ^2/NDF : 1435364.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_dit_correction_mean vs Slug



Right In: -910.421+/-1885.499 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3011.751+/-1782.553 χ^2/NDF : 9.8/15

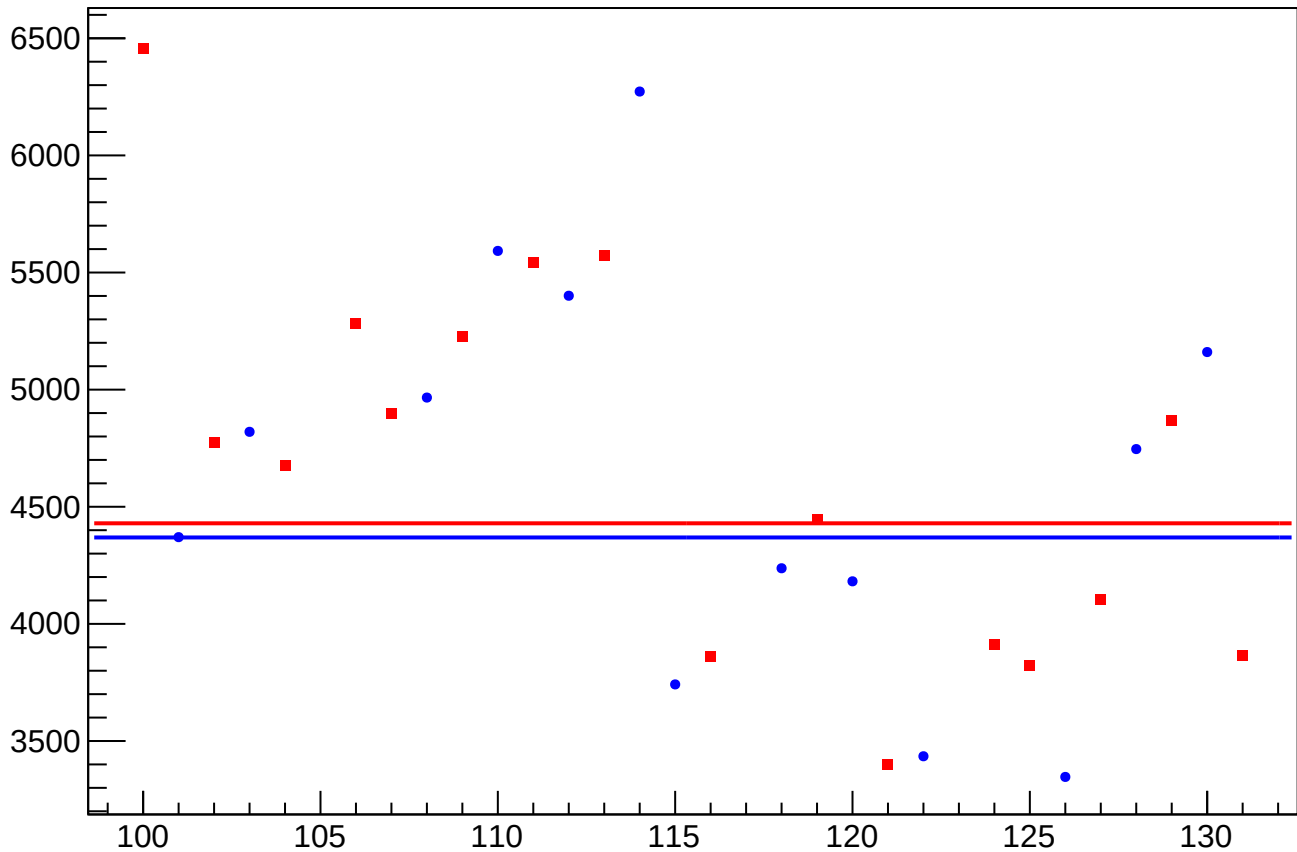
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2020.015+/-1295.321 χ^2/NDF : 23.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_dit_correction_rms vs Slug



Right In: 4368.946 $\pm$ 1.333 χ^2 /NDF: 292970.0/12

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

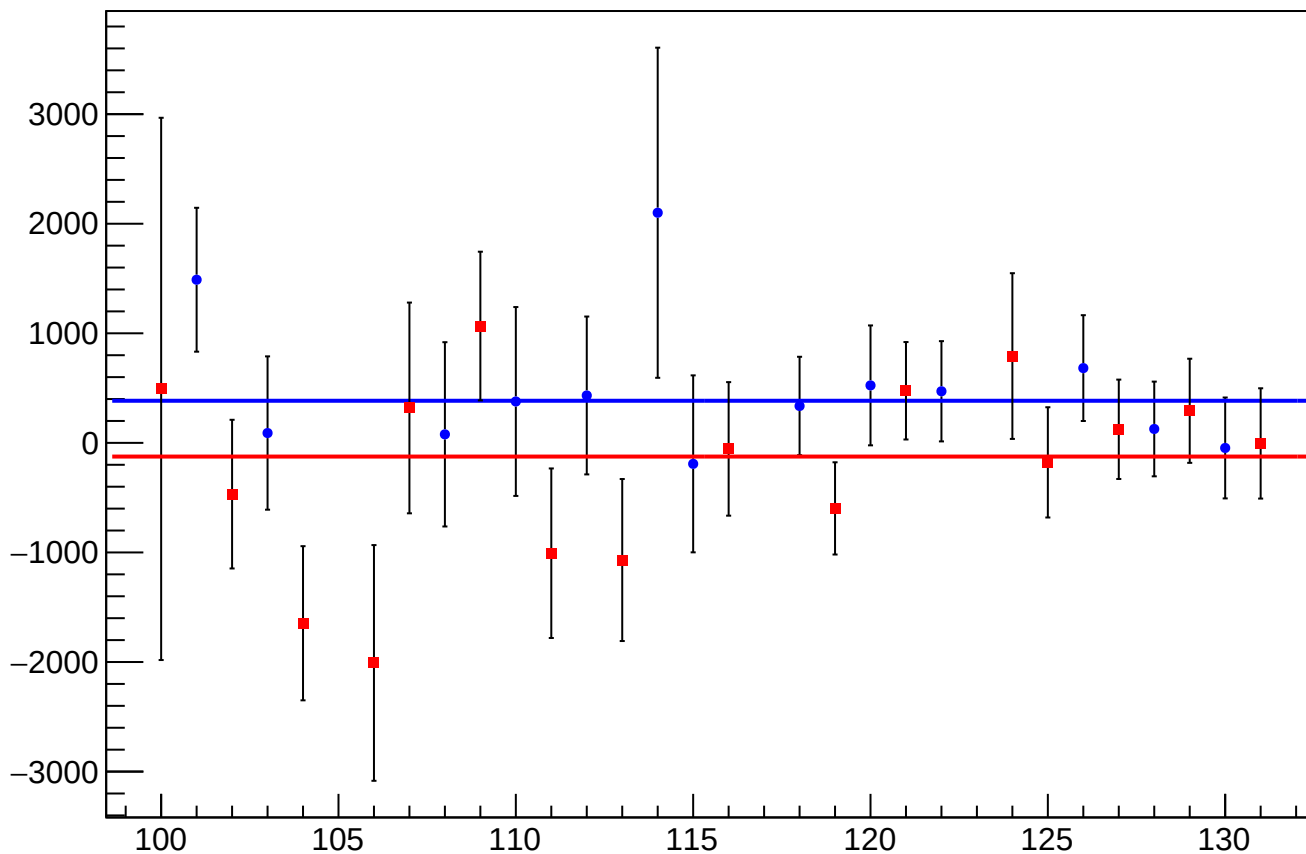
Right Out: 4429.384 $\pm$ 1.260 χ^2 /NDF: 289277.4/15

All: 4400.860 $\pm$ 0.916 χ^2 /NDF: 583332.4/28

- 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_sam2_mean vs Slug



Right In: 384.295 $\pm$ 161.247 χ^2 /NDF: 6.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -124.913 $\pm$ 150.227 χ^2 /NDF: 20.0/15

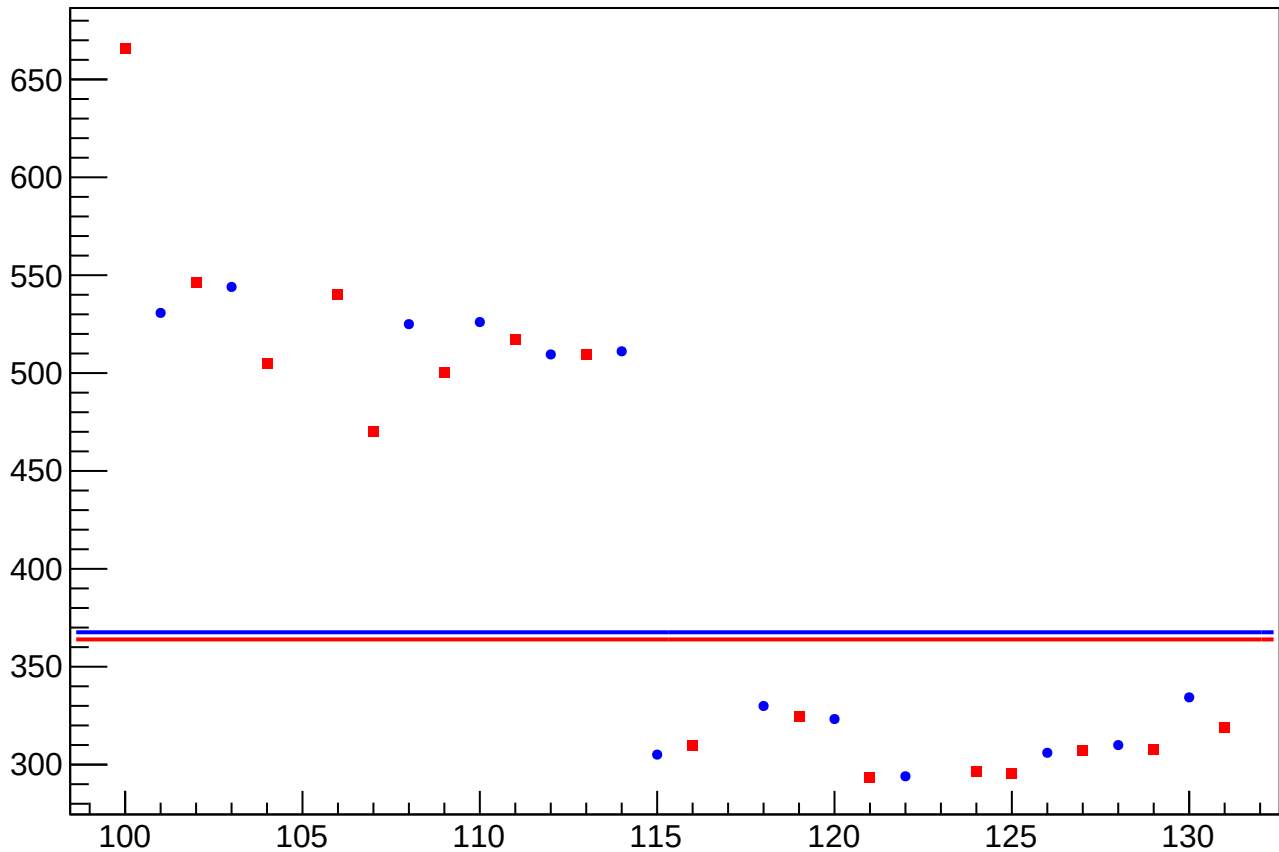
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 111.698 $\pm$ 109.916 χ^2 /NDF: 32.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam2_rms vs Slug



Right In: 367.596 $\pm$ 0.114 χ^2 /NDF: 653414.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 363.938 $\pm$ 0.106 χ^2 /NDF: 781387.1/15

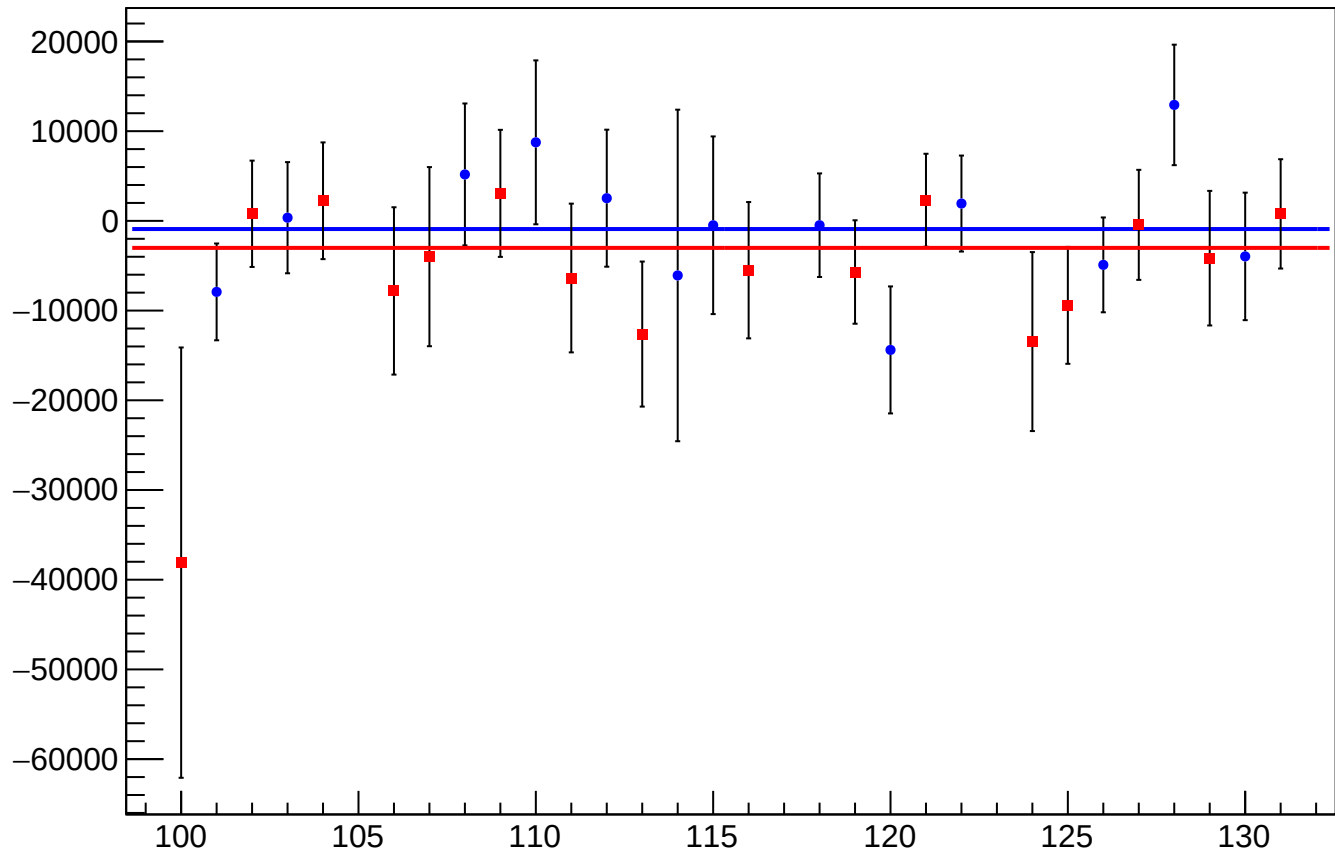
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 365.638 $\pm$ 0.078 χ^2 /NDF: 1435352.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_dit_correction_mean vs Slug



Right In: -910.416+/-1885.495 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3011.744+/-1782.548 χ^2/NDF : 9.8/15

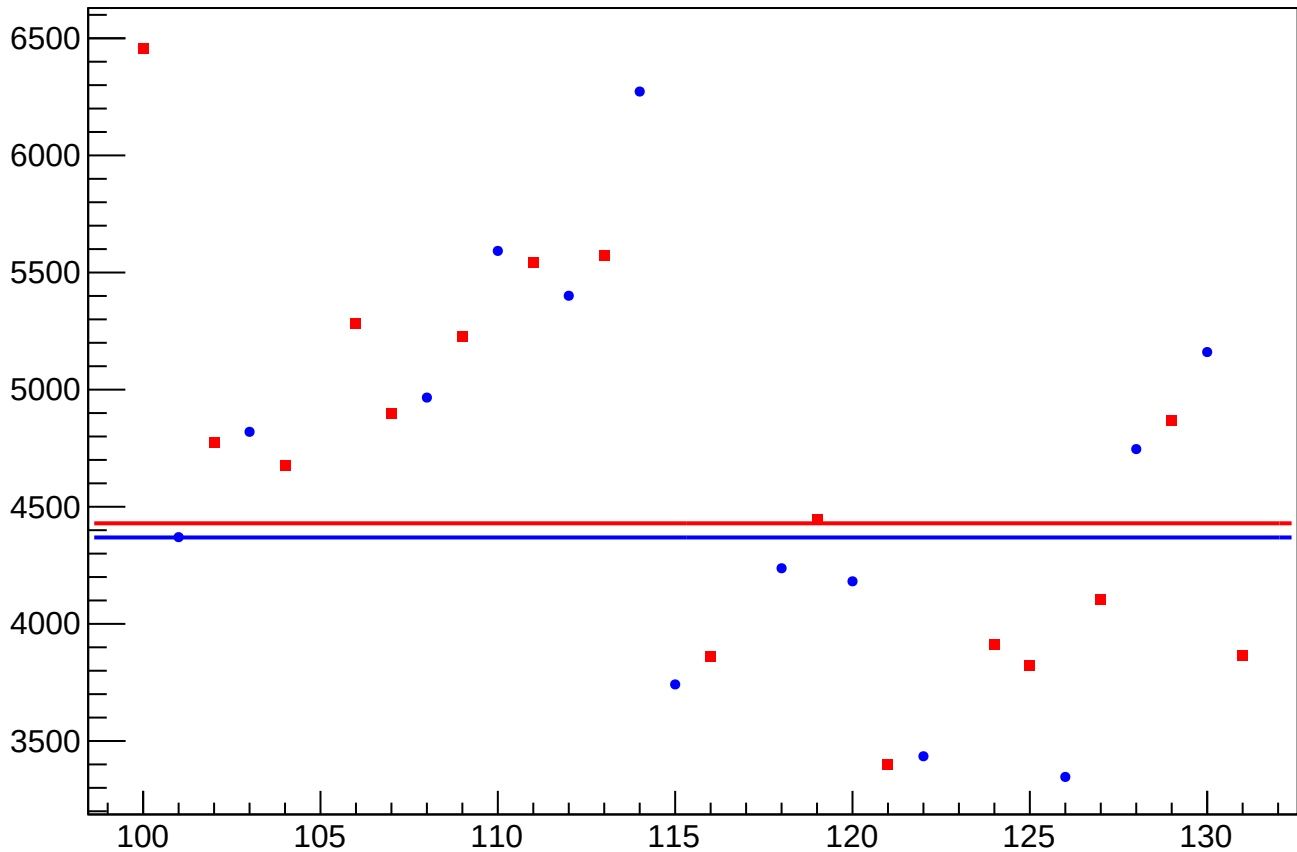
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2020.009+/-1295.318 χ^2/NDF : 23.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_dit_correction_rms vs Slug



Right In: 4368.938+/-1.333 χ^2/NDF : 292962.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

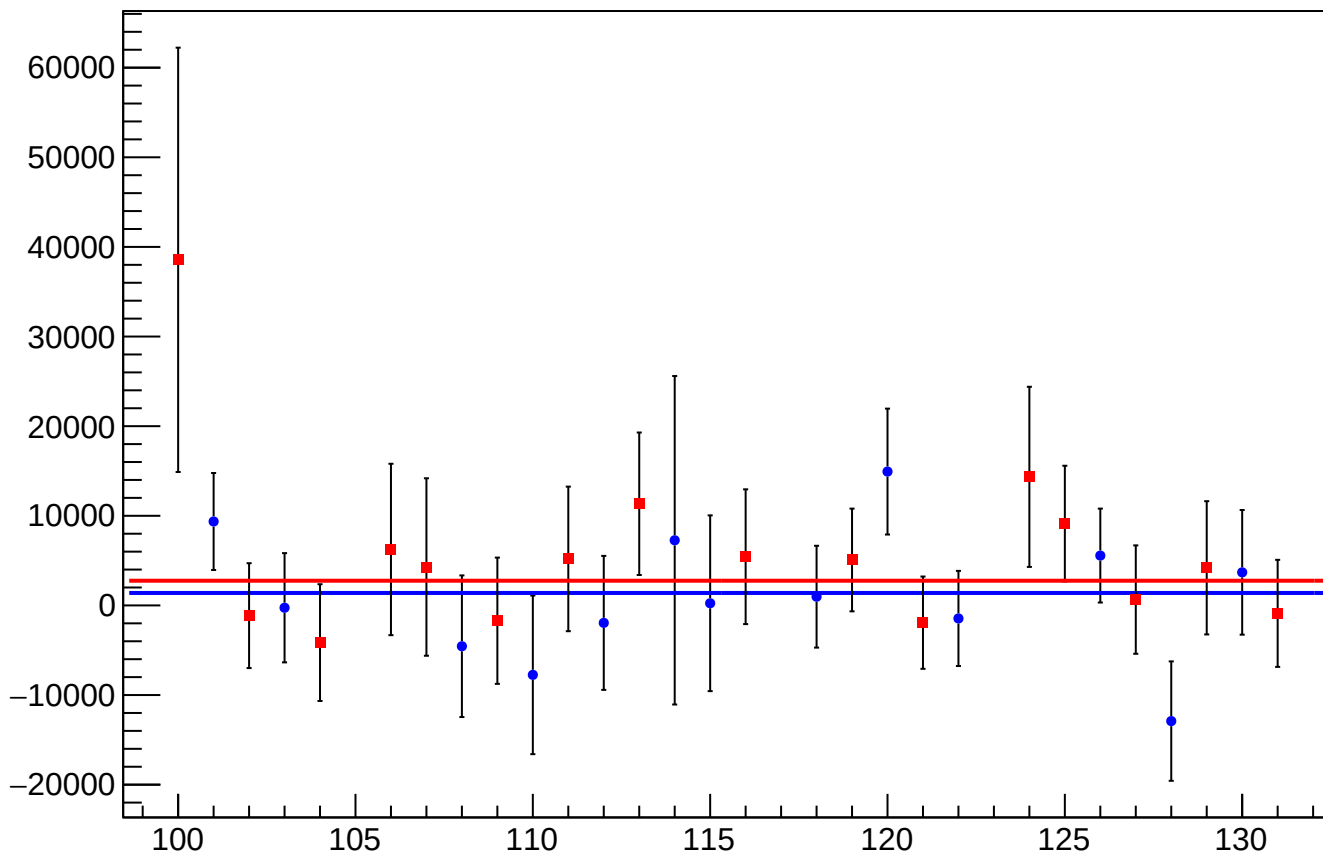
Right Out: 4429.374+/-1.260 χ^2/NDF : 289273.2/15

All: 4400.851+/-0.916 χ^2/NDF : 583321.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_mean vs Slug



Right In: 1390.119+/-1864.859 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2755.352+/-1766.909 χ^2/NDF : 9.6/15

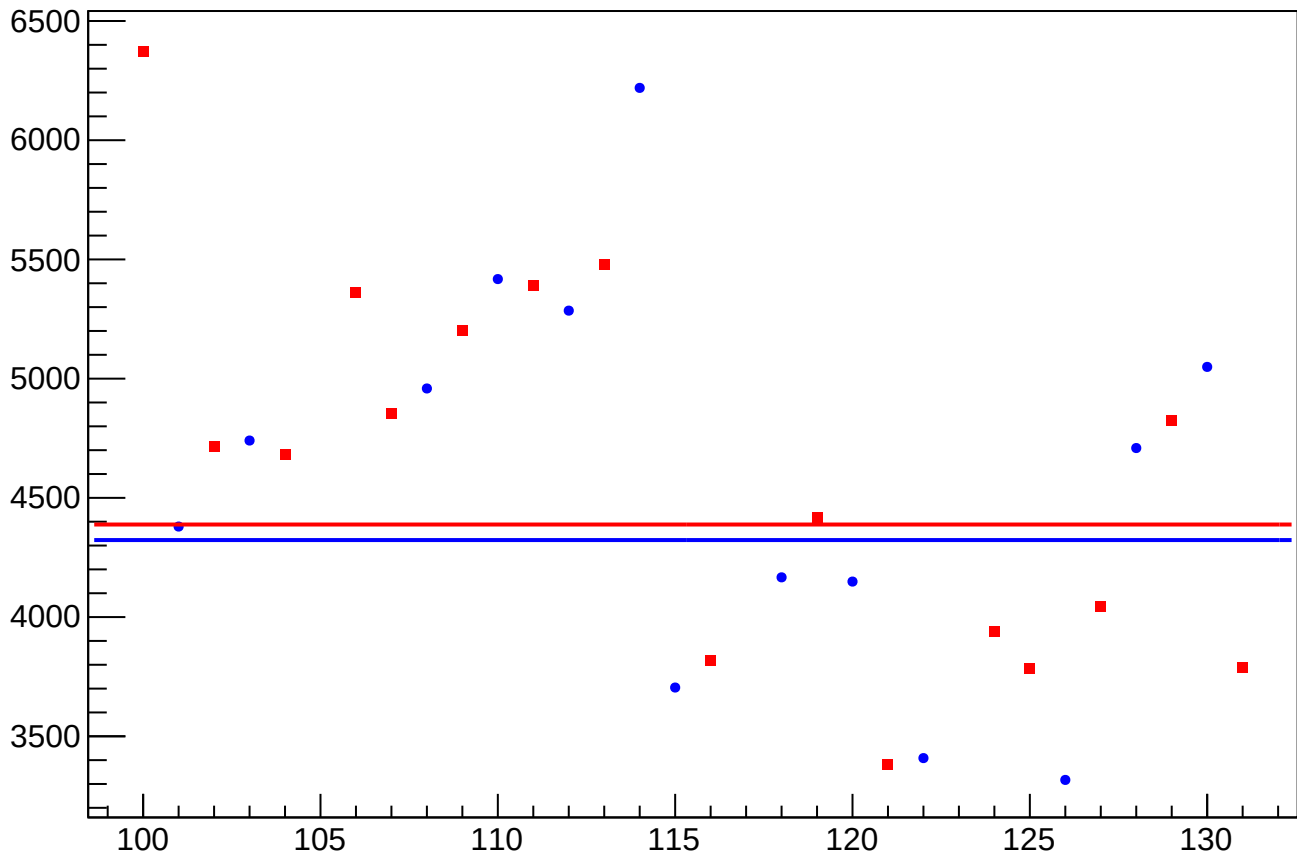
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2109.530+/-1282.624 χ^2/NDF : 23.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_rms vs Slug



Right In: 4323.005+/-1.319 χ^2/NDF : 280039.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4388.189+/-1.249 χ^2/NDF : 287977.6/15

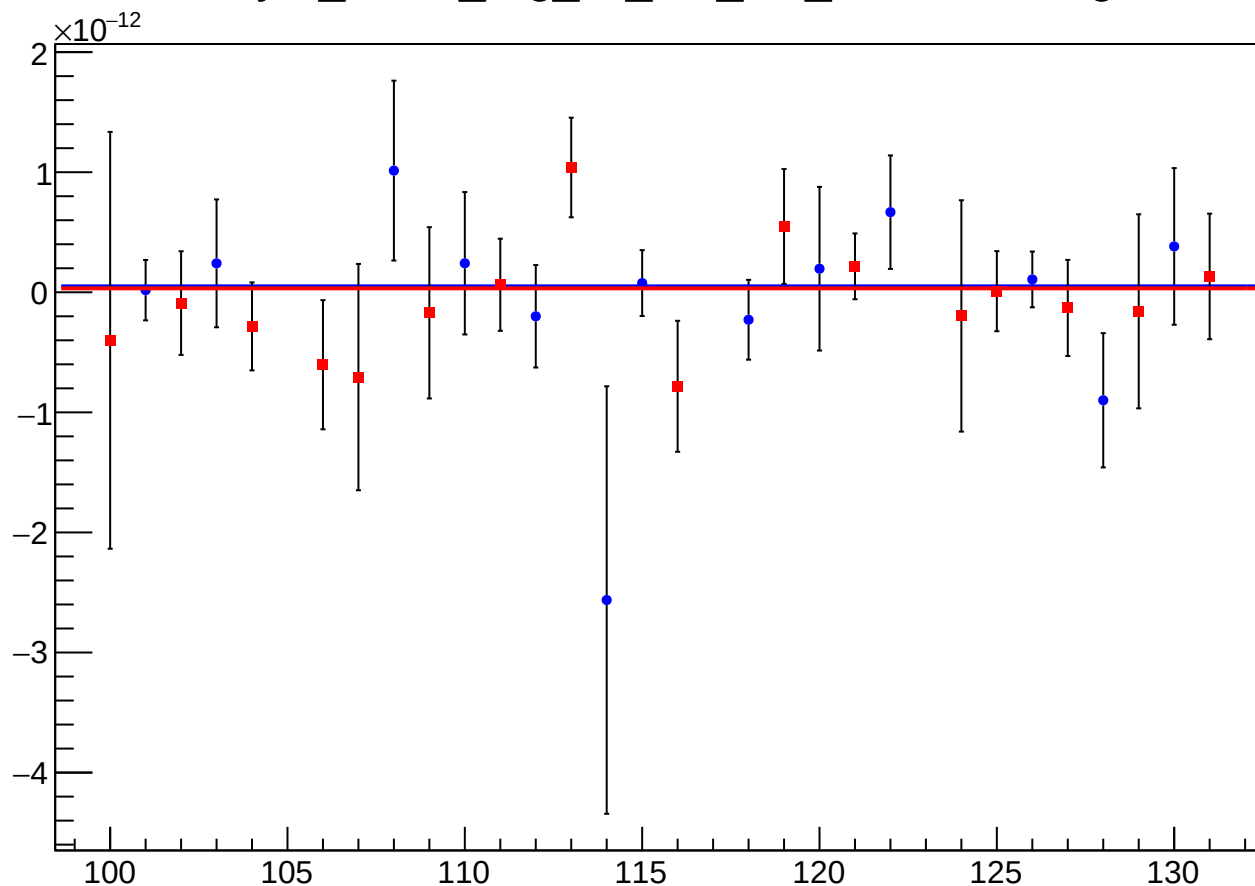
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4357.354+/-0.907 χ^2/NDF : 569304.3/28

- 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: 10.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.0/15

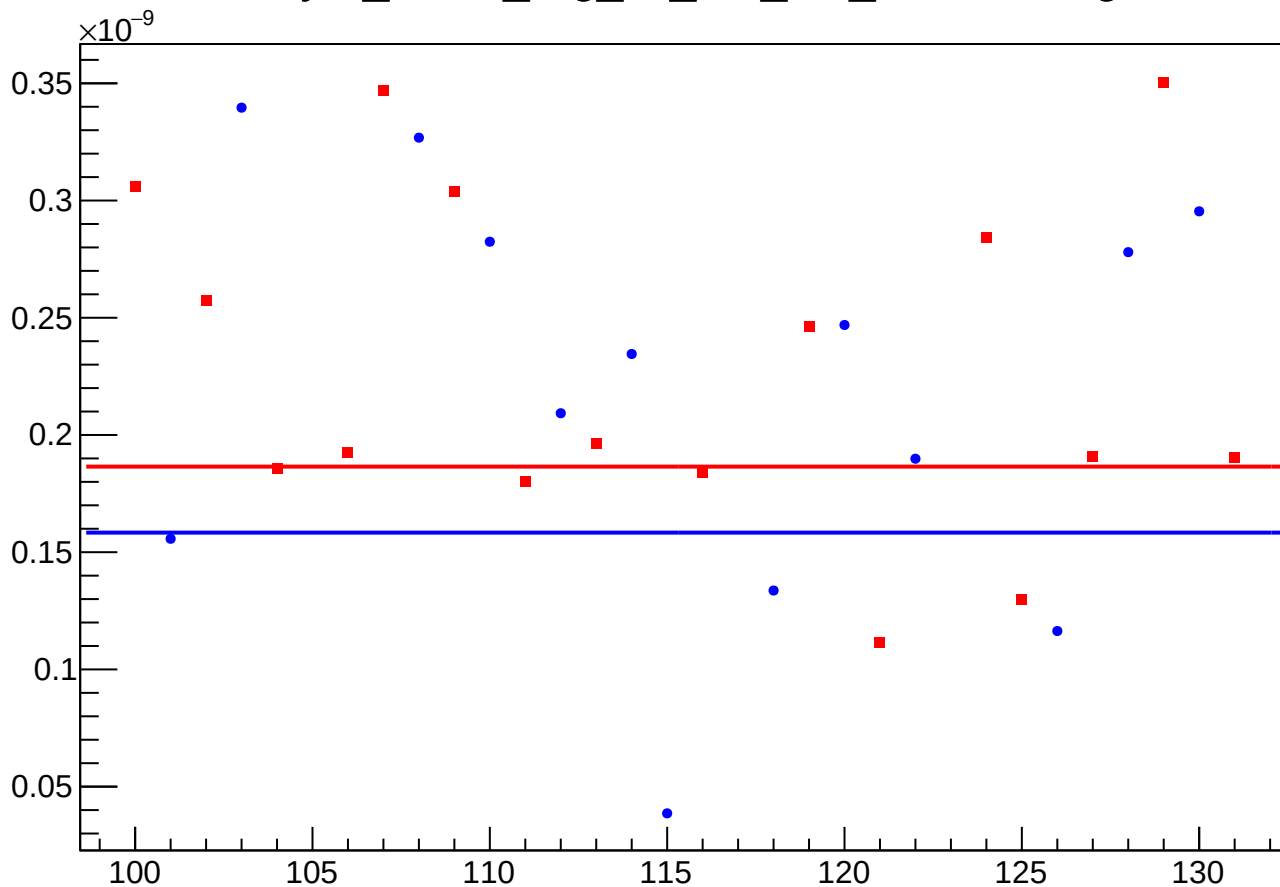
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.1/28

- 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 : 1132491.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 519587.4/15

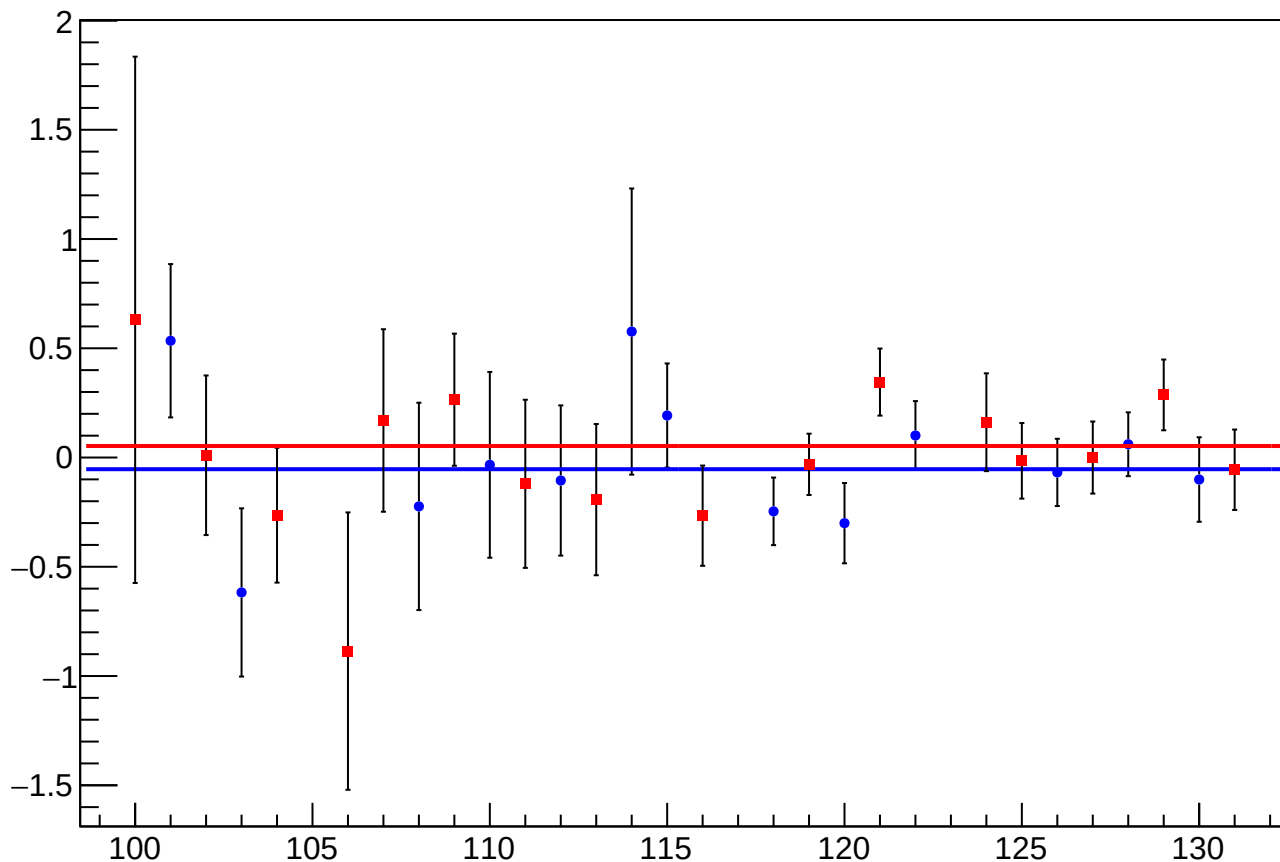
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1714391.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_dit_vs_cor_diff_mean vs Slug



Right In: -0.053 ± 0.060 $\chi^2/\text{NDF}: 12.1/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.053 ± 0.056 $\chi^2/\text{NDF}: 13.6/15$

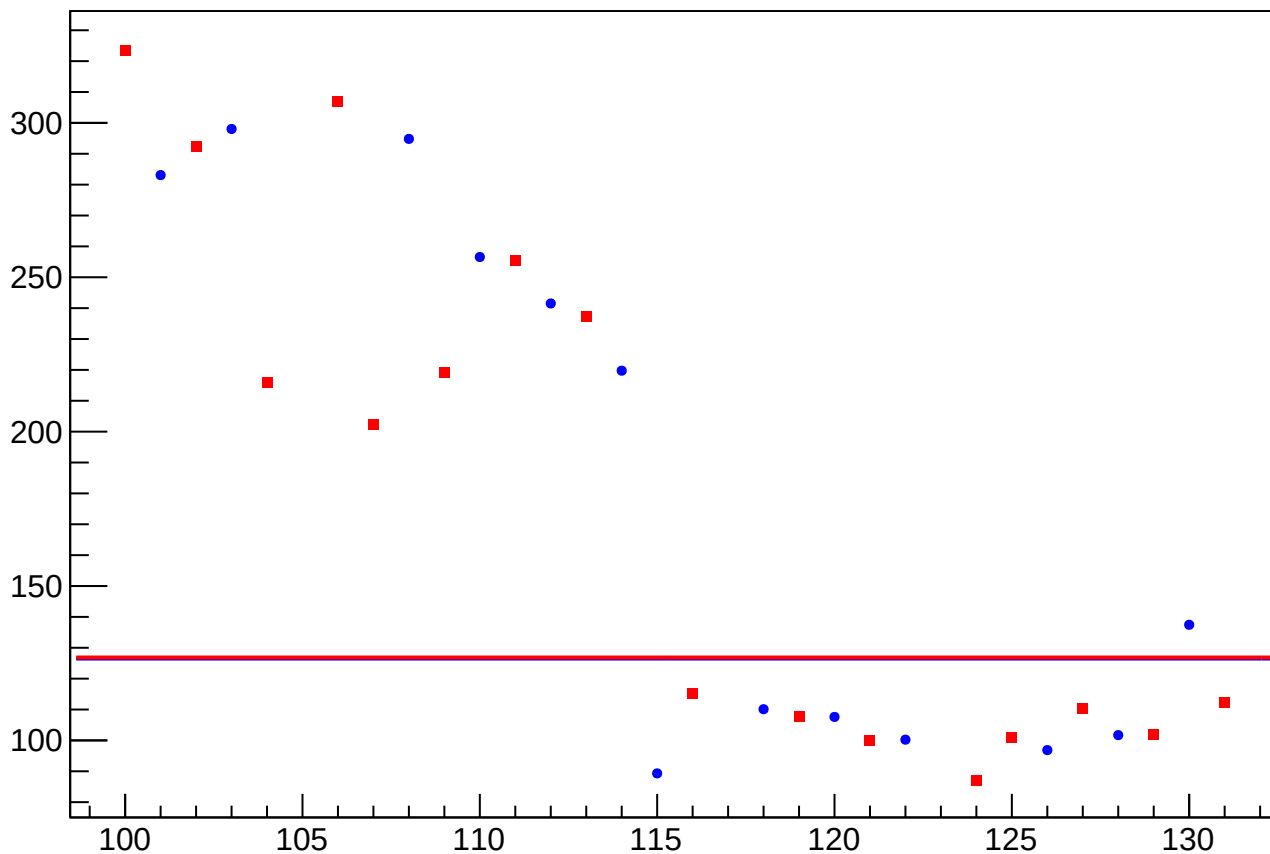
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.003 ± 0.041 $\chi^2/\text{NDF}: 27.4/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam2_dit_vs_cor_diff_rms vs Slug



Right In: 126.517 $\pm$ 0.042 χ^2 /NDF: 1784839.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 126.848 $\pm$ 0.039 χ^2 /NDF: 1762762.9/15

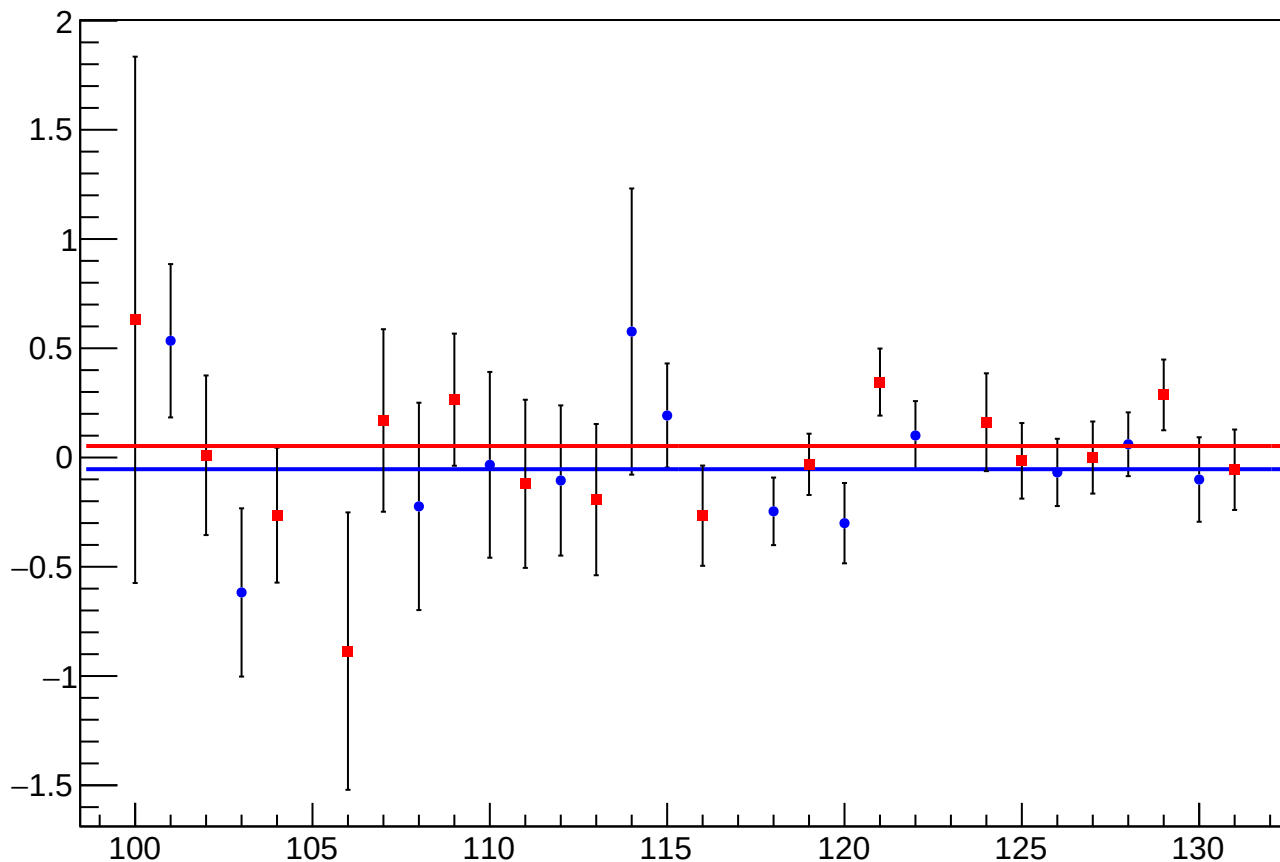
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 126.694 $\pm$ 0.029 χ^2 /NDF: 3547635.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.053 ± 0.060 $\chi^2/\text{NDF}: 12.1/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.053 ± 0.056 $\chi^2/\text{NDF}: 13.6/15$

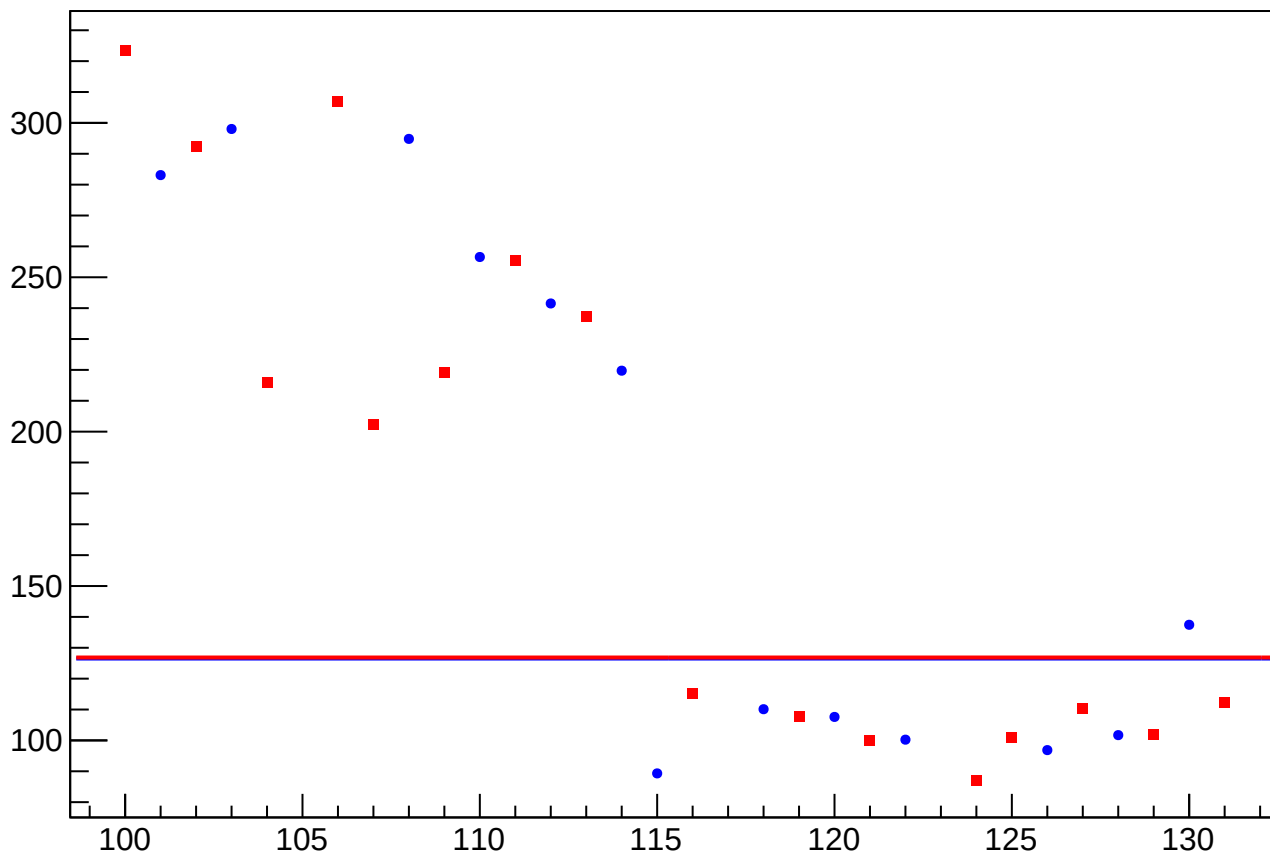
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.003 ± 0.041 $\chi^2/\text{NDF}: 27.4/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam2_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 126.517 $\pm$ 0.042 χ^2 /NDF: 1784839.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 126.848 $\pm$ 0.039 χ^2 /NDF: 1762762.9/15

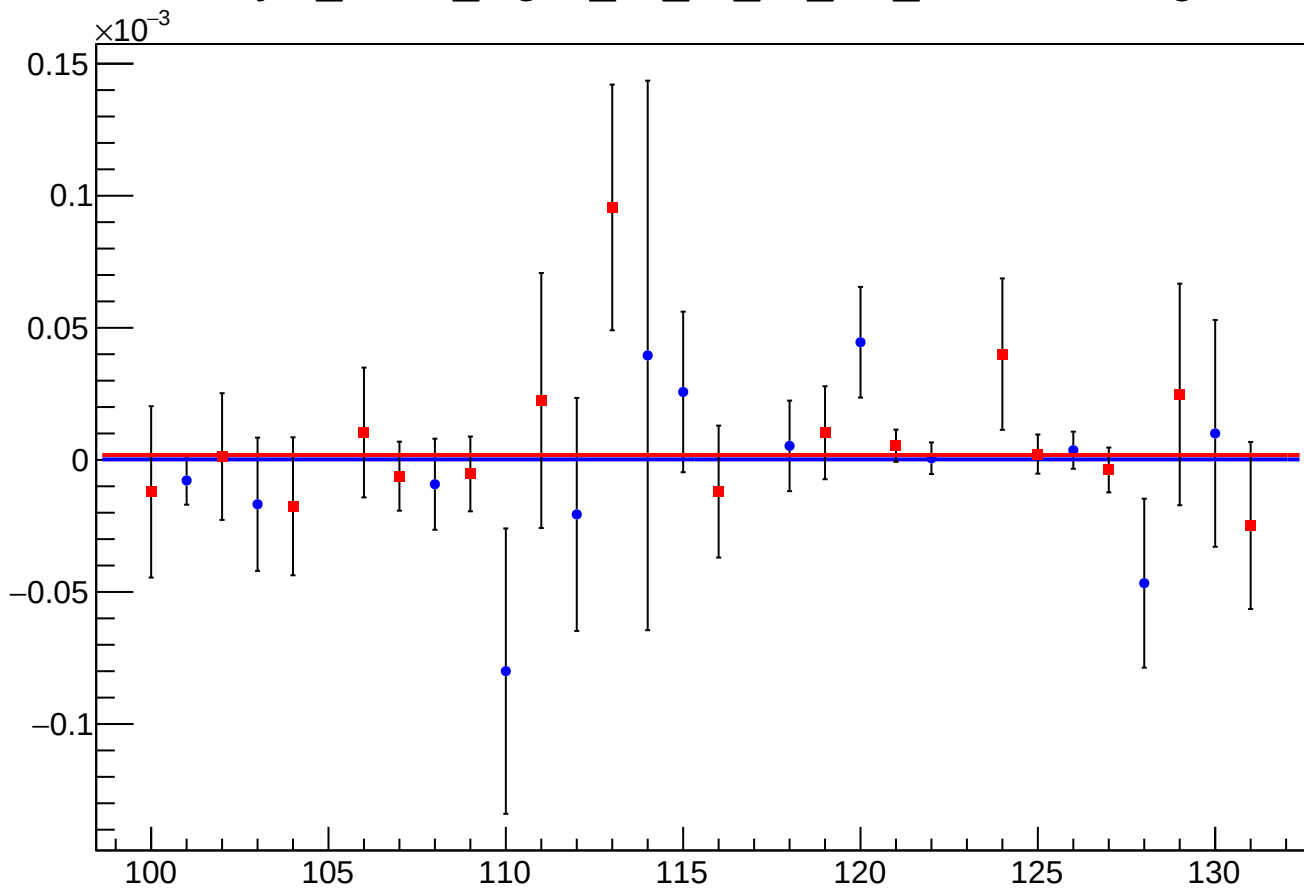
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 126.694 $\pm$ 0.029 χ^2 /NDF: 3547635.6/28

- 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: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.8/15

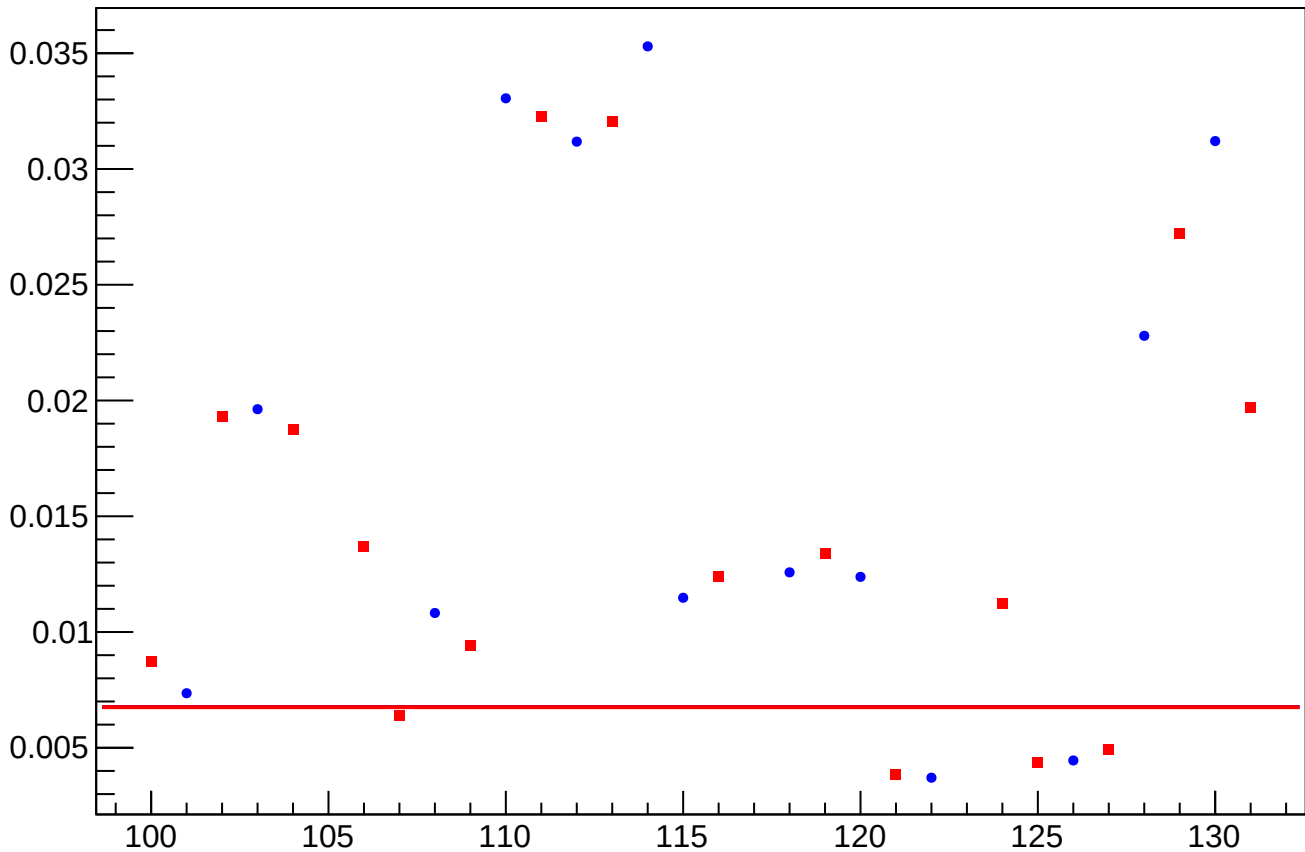
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 21.7/28

- 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 : 4185355.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 4363185.7/15

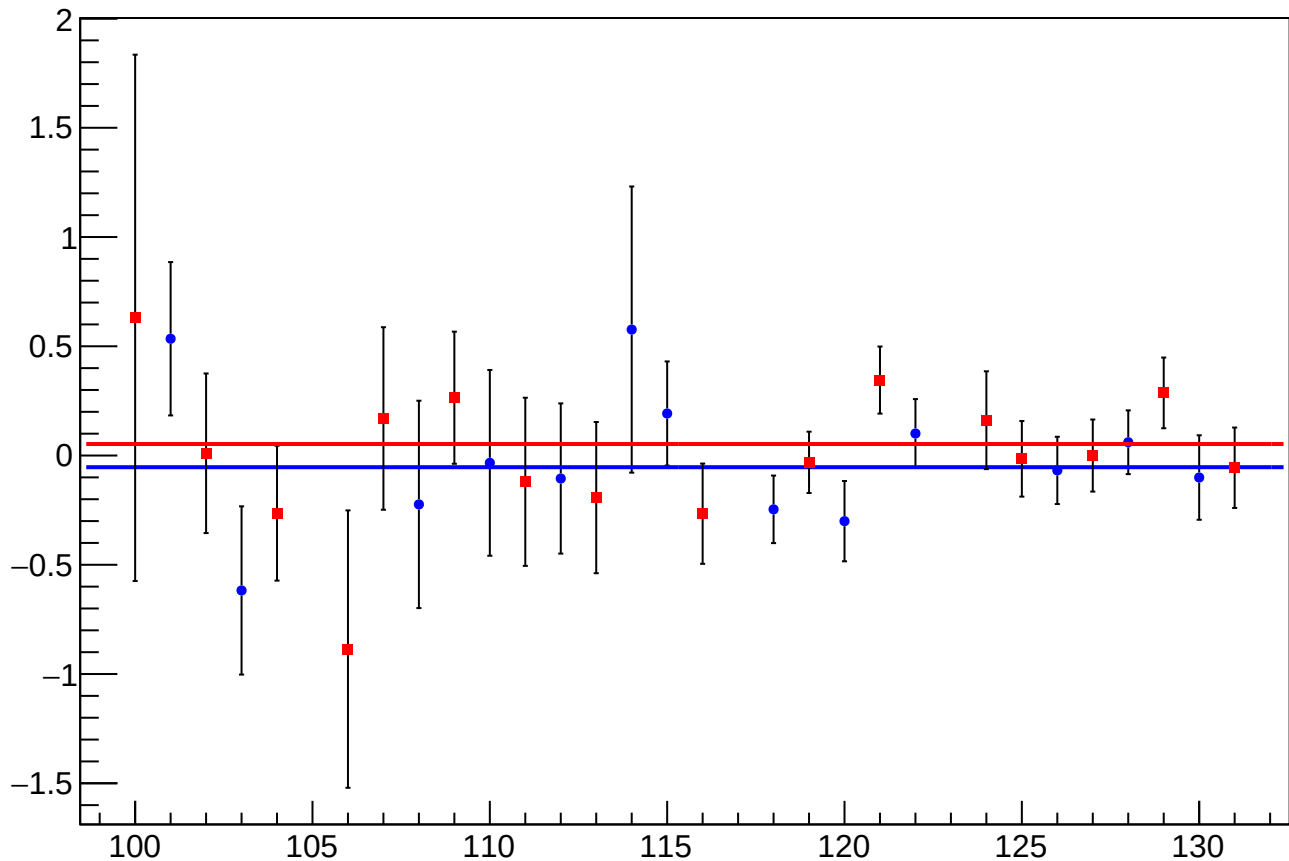
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 8548544.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.053+/-0.060 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.053+/-0.056 χ^2/NDF : 13.6/15

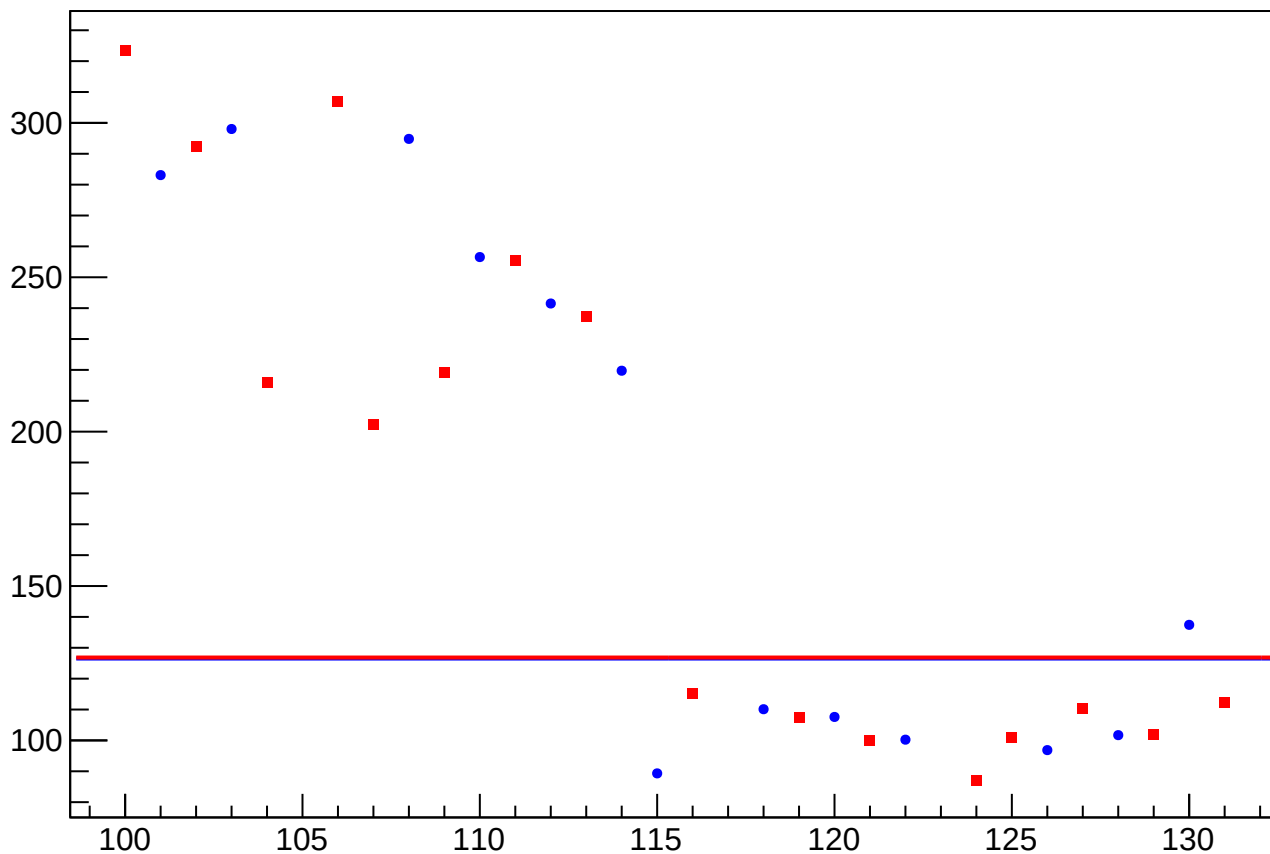
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.041 χ^2/NDF : 27.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 126.514 $\pm$ 0.042 χ^2 /NDF: 1784775.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 126.845 $\pm$ 0.039 χ^2 /NDF: 1762753.3/15

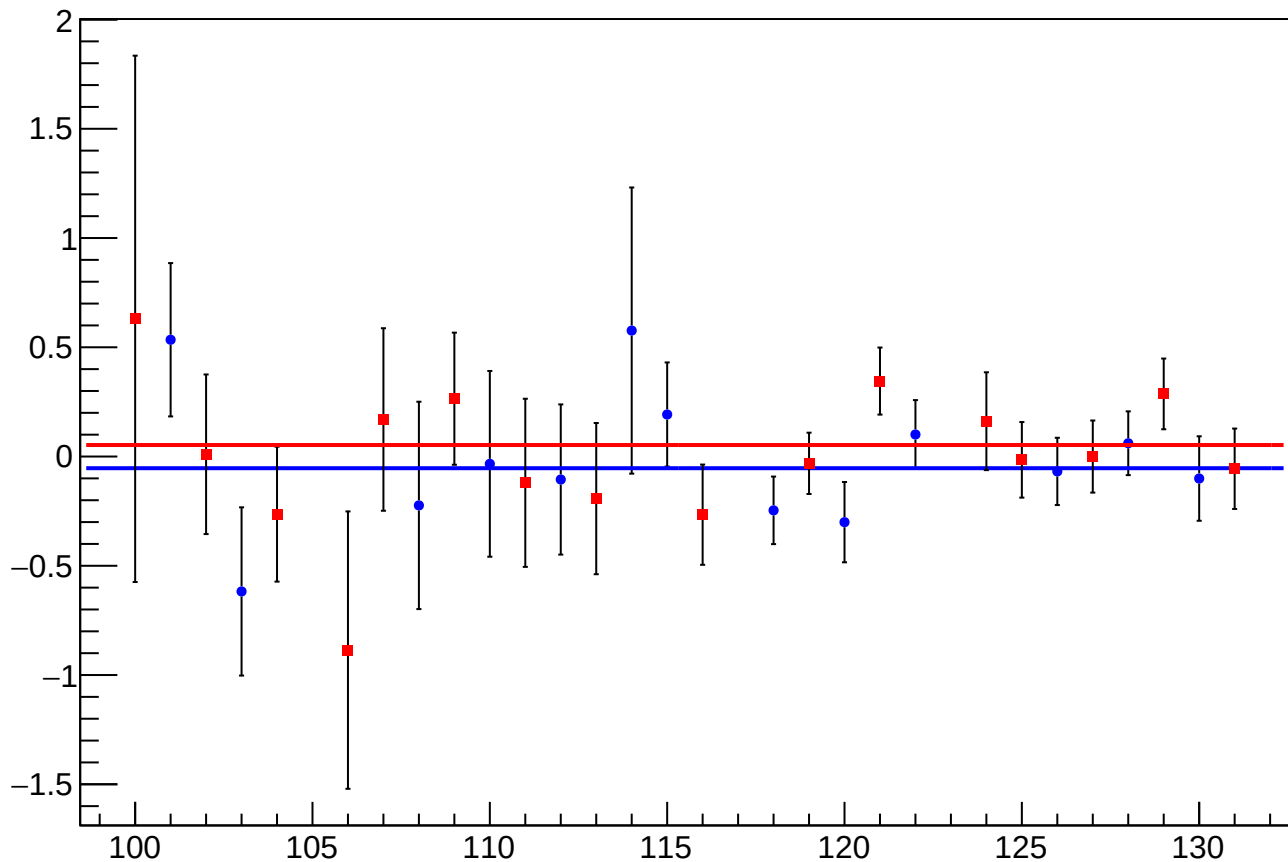
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 126.691 $\pm$ 0.029 χ^2 /NDF: 3547562.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.053 $\pm$ 0.060 χ^2 /NDF: 12.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.053 $\pm$ 0.056 χ^2 /NDF: 13.6/15

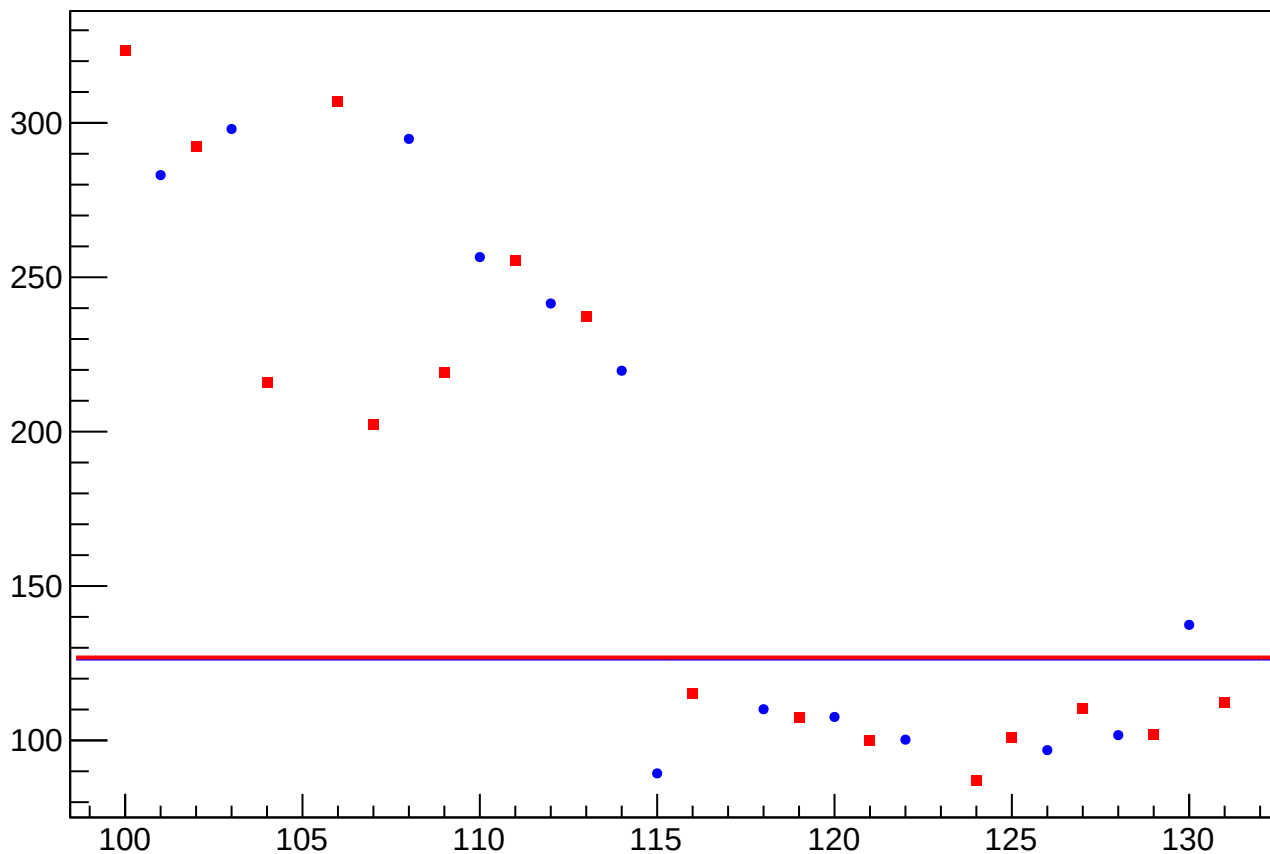
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.041 χ^2 /NDF: 27.4/28

- 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: 126.514+/-0.042 χ^2/NDF : 1784775.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.845+/-0.039 χ^2/NDF : 1762753.3/15

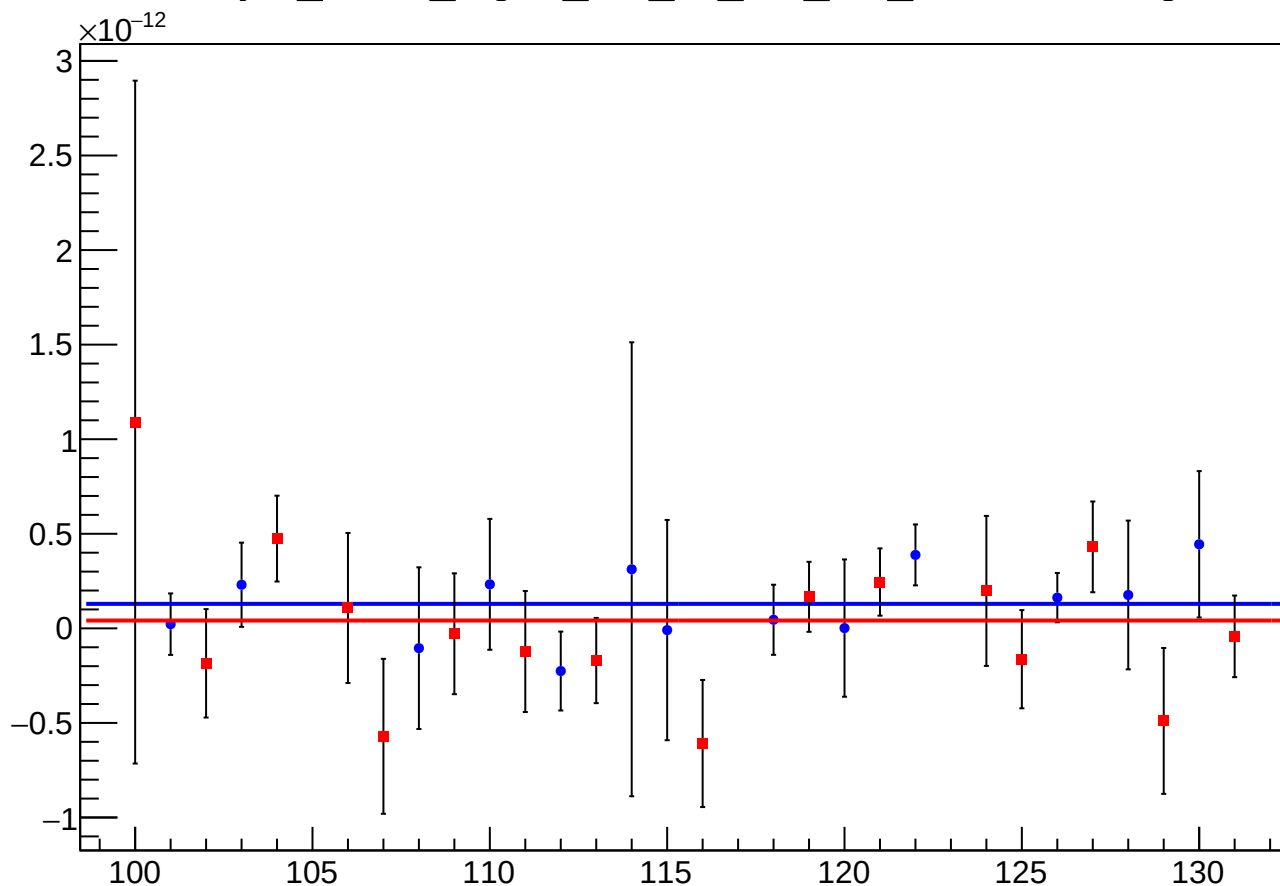
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.691+/-0.029 χ^2/NDF : 3547562.0/28

- 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+/-0.000 χ^2/NDF : 7.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 19.0/15

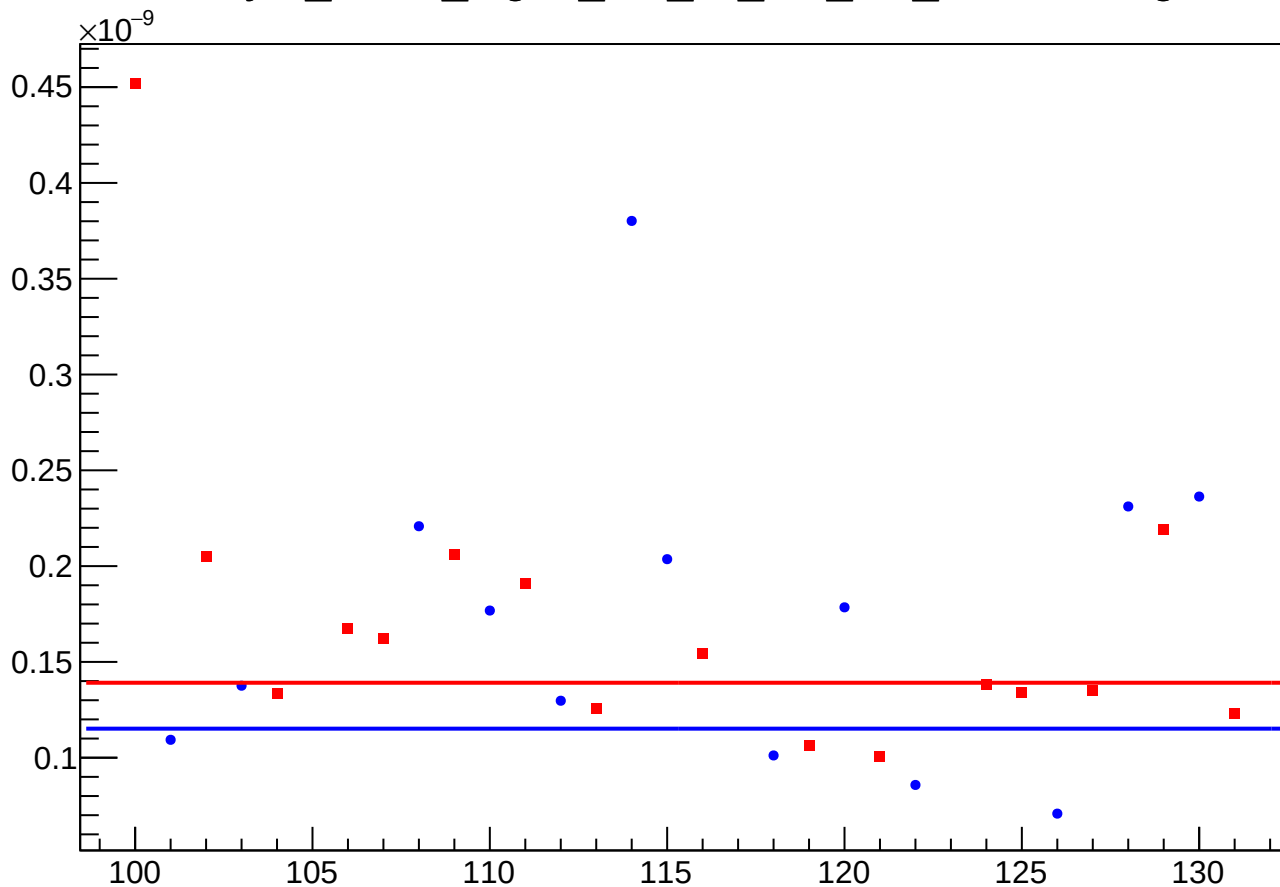
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1101774.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 590713.6/15

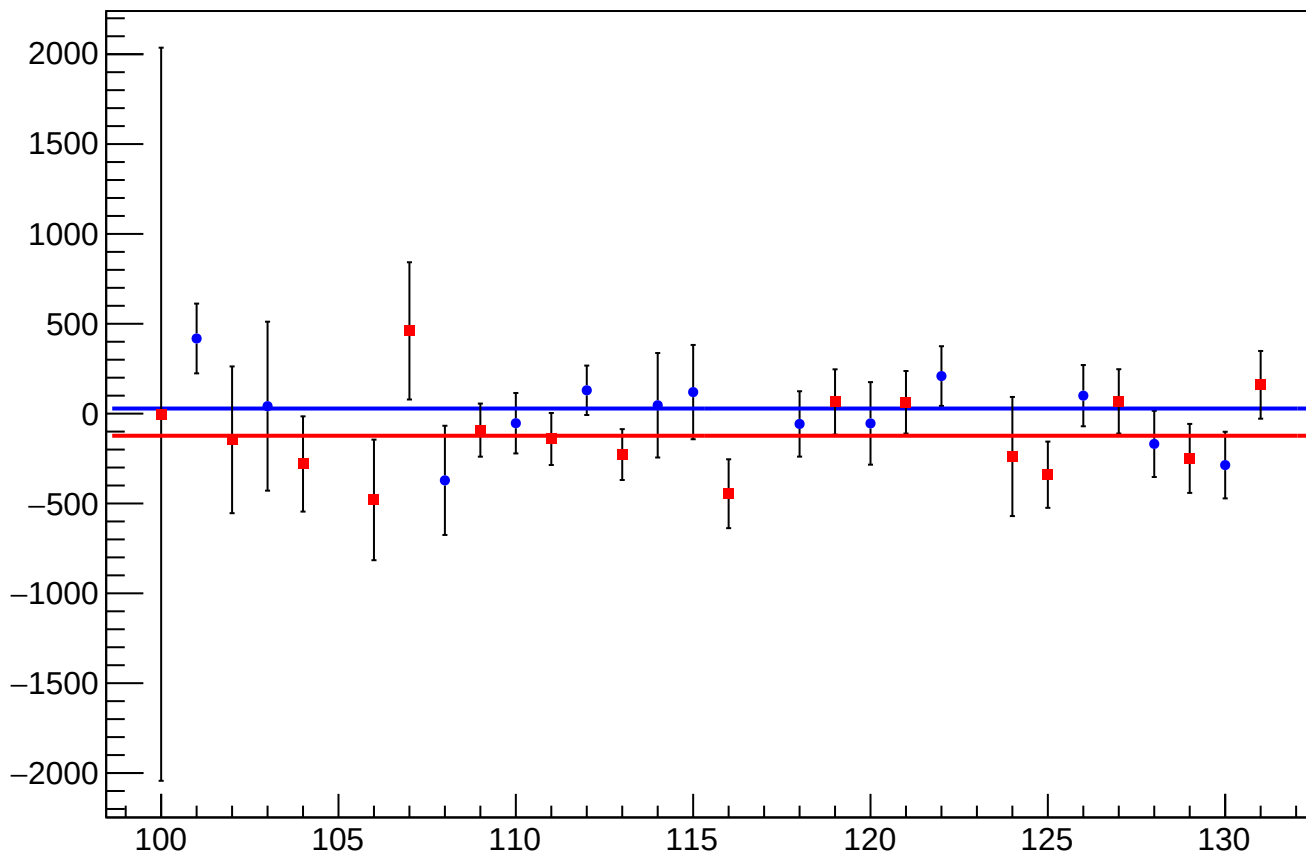
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1825748.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_mean vs Slug



Right In: 28.349+/-54.645 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -123.129+/-50.291 χ^2/NDF : 14.8/15

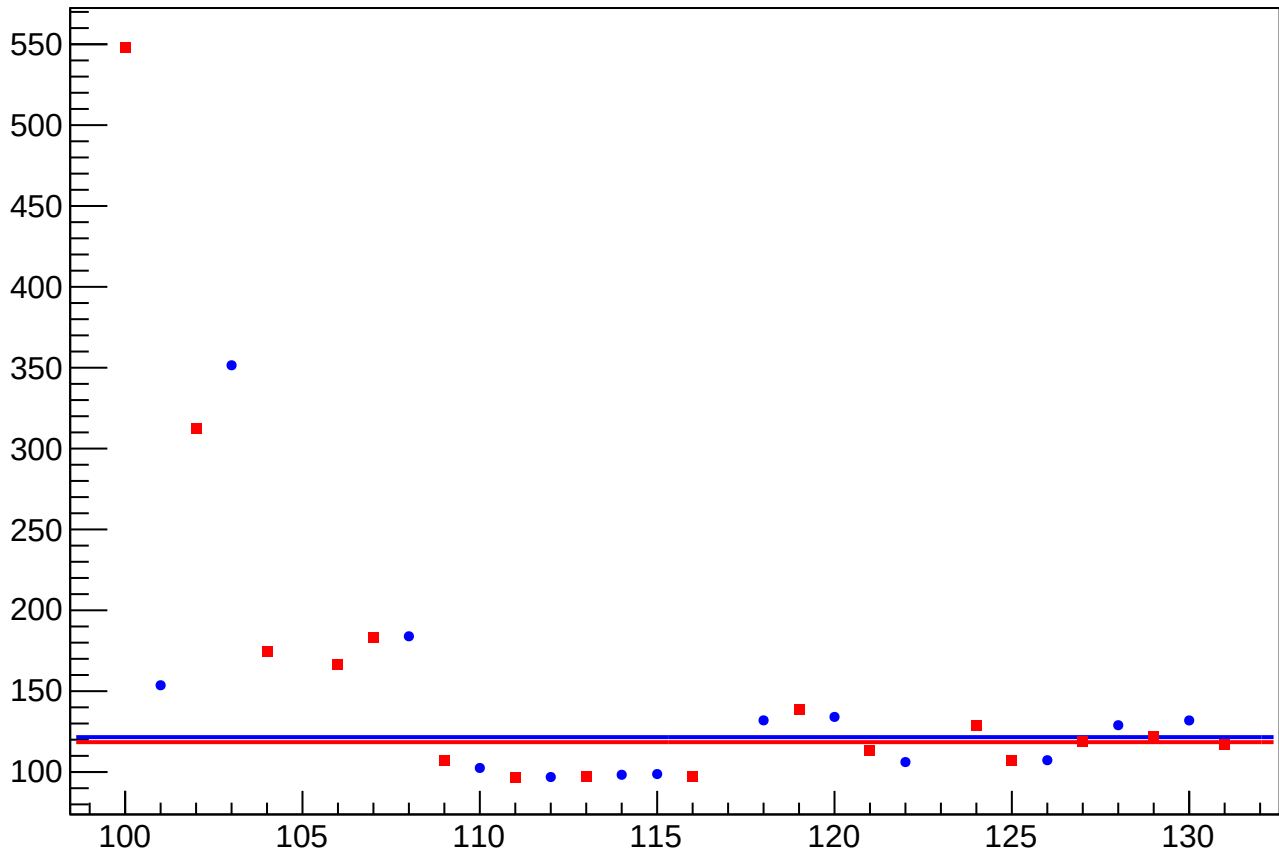
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.664+/-37.004 χ^2/NDF : 31.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_rms vs Slug



Right In: 121.579+/-0.039 χ^2/NDF : 788289.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.481+/-0.036 χ^2/NDF : 891164.1/15

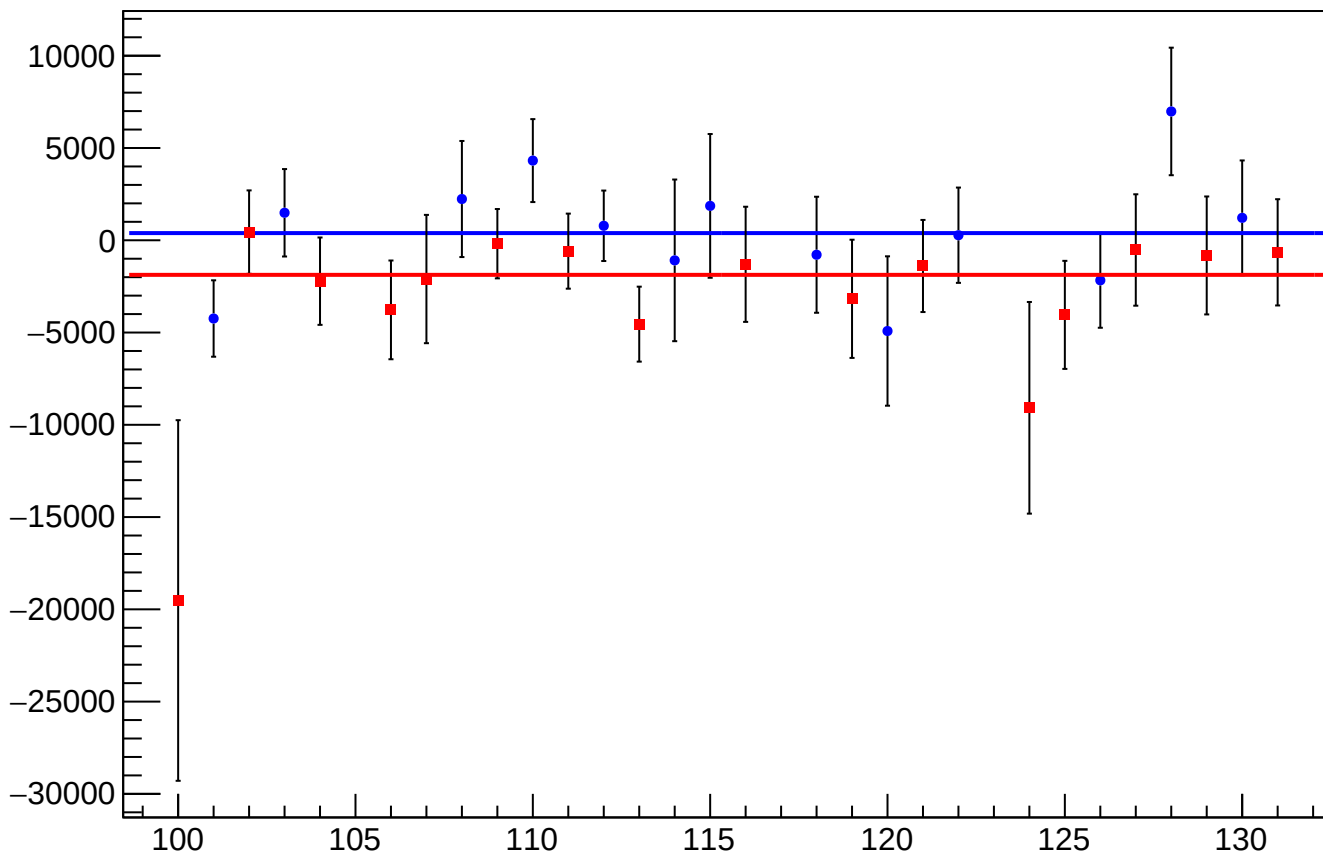
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.901+/-0.026 χ^2/NDF : 1682934.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_reg_correction_mean vs Slug



Right In: 389.078 ± 755.189 χ^2/NDF : 15.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1873.957 ± 672.547 χ^2/NDF : 10.6/15

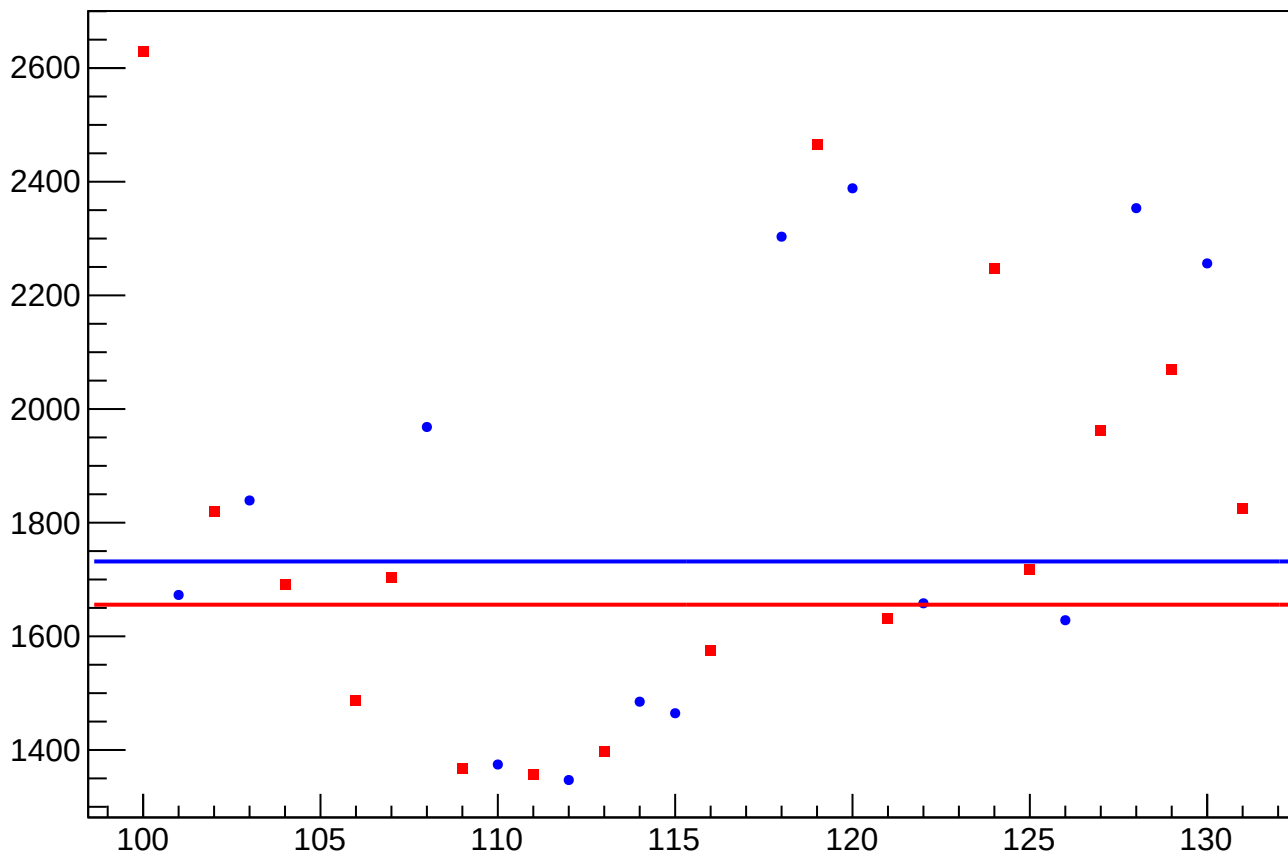
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -872.993 ± 502.249 χ^2/NDF : 31.1/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam3_reg_correction_rms vs Slug



Right In: 1731.785 $\pm$ 0.534 χ^2 /NDF: 409766.1/12

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

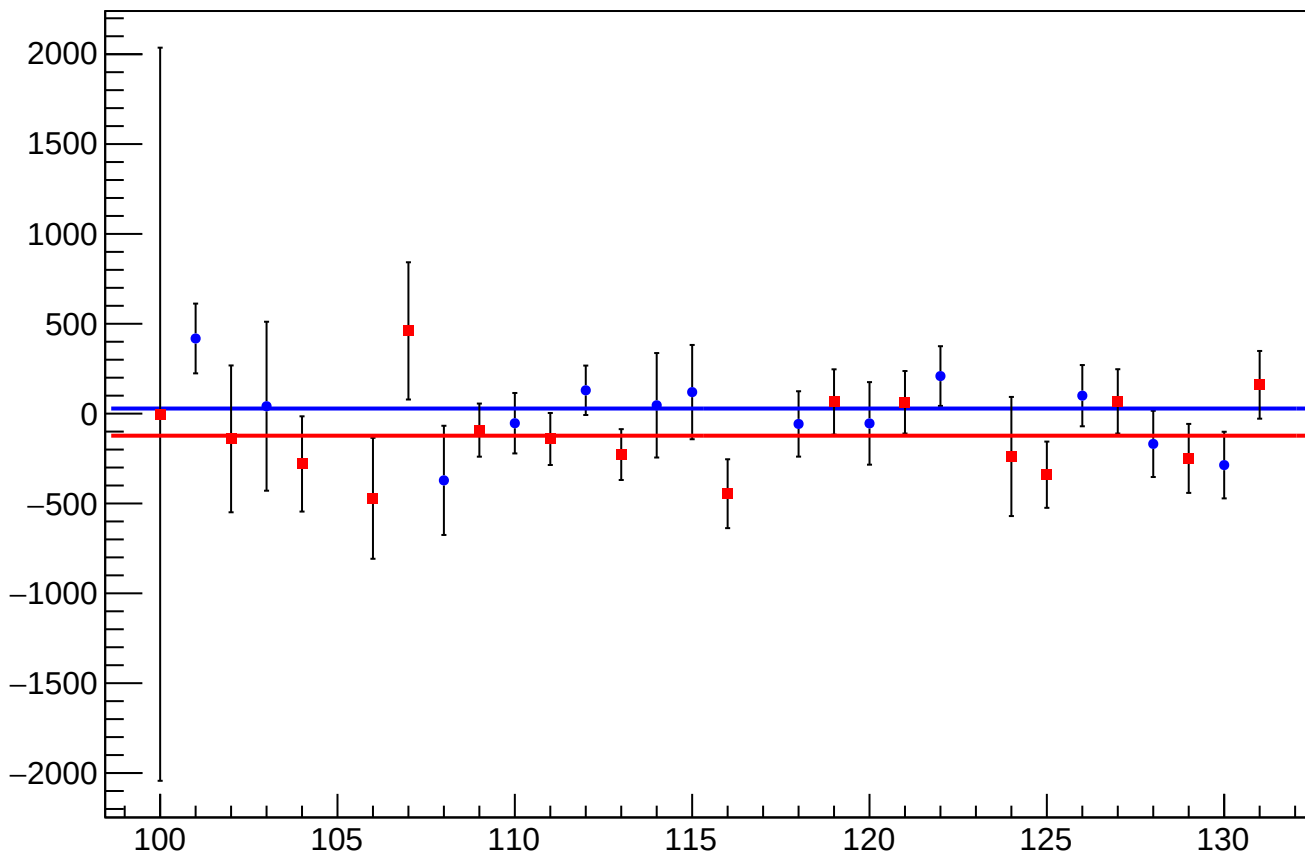
Right Out: 1655.686 $\pm$ 0.476 χ^2 /NDF: 374078.1/15

All: 1689.345 $\pm$ 0.355 χ^2 /NDF: 795169.8/28

- 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: 28.334+/-54.645 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -122.787+/-50.294 χ^2/NDF : 14.8/15

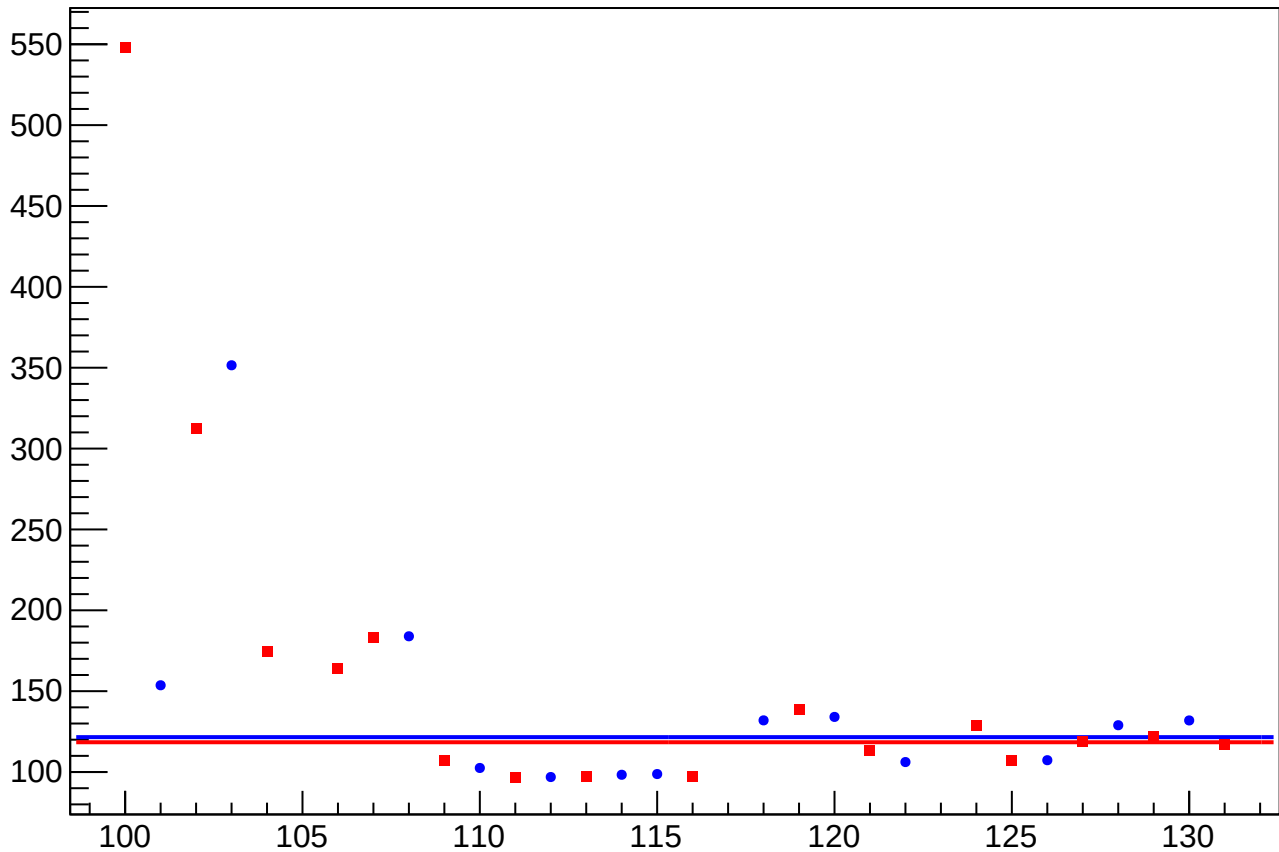
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.480+/-37.006 χ^2/NDF : 31.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam3_rms vs Slug



Right In: 121.579 $\pm$ 0.039 χ^2 /NDF: 788291.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 118.418 $\pm$ 0.036 χ^2 /NDF: 887011.1/15

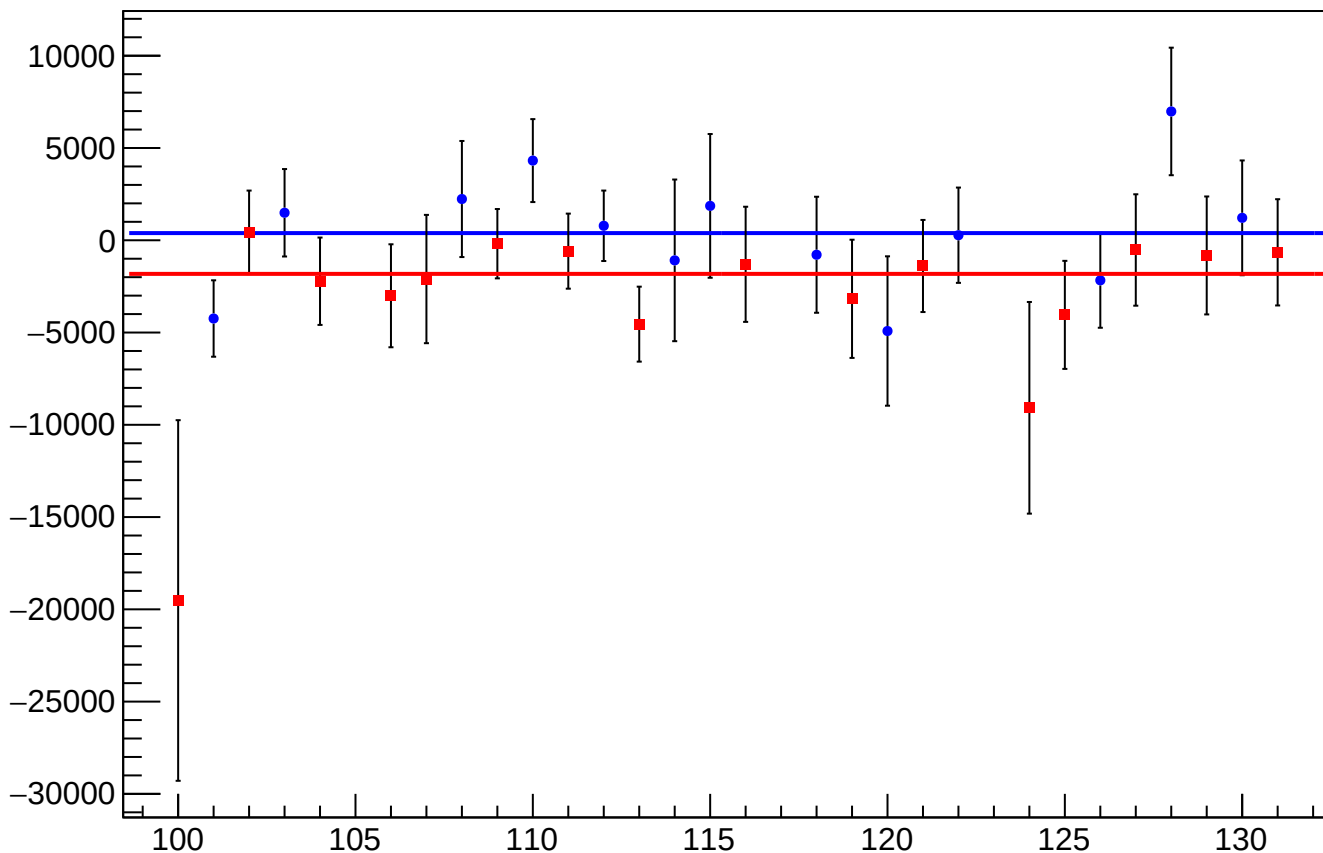
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 119.868 $\pm$ 0.026 χ^2 /NDF: 1678924.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_cor_correction_mean vs Slug



Right In: 389.118 $\pm$ 755.197 χ^2 /NDF: 15.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1821.214 $\pm$ 674.325 χ^2 /NDF: 10.3/15

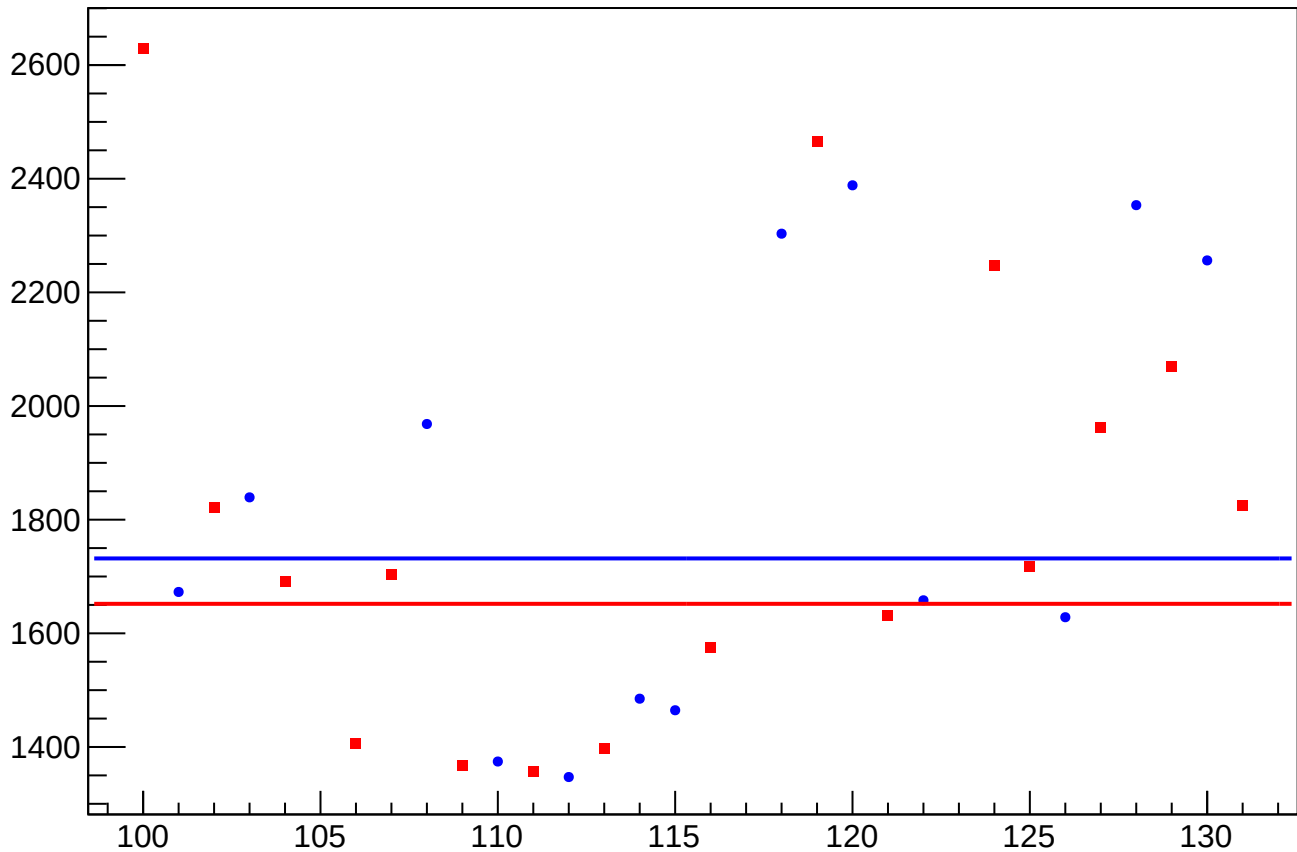
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -840.694 $\pm$ 502.991 χ^2 /NDF: 30.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_cor_correction_rms vs Slug



Right In: 1731.802 $\pm$ 0.534 χ^2 /NDF: 409781.5/12

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

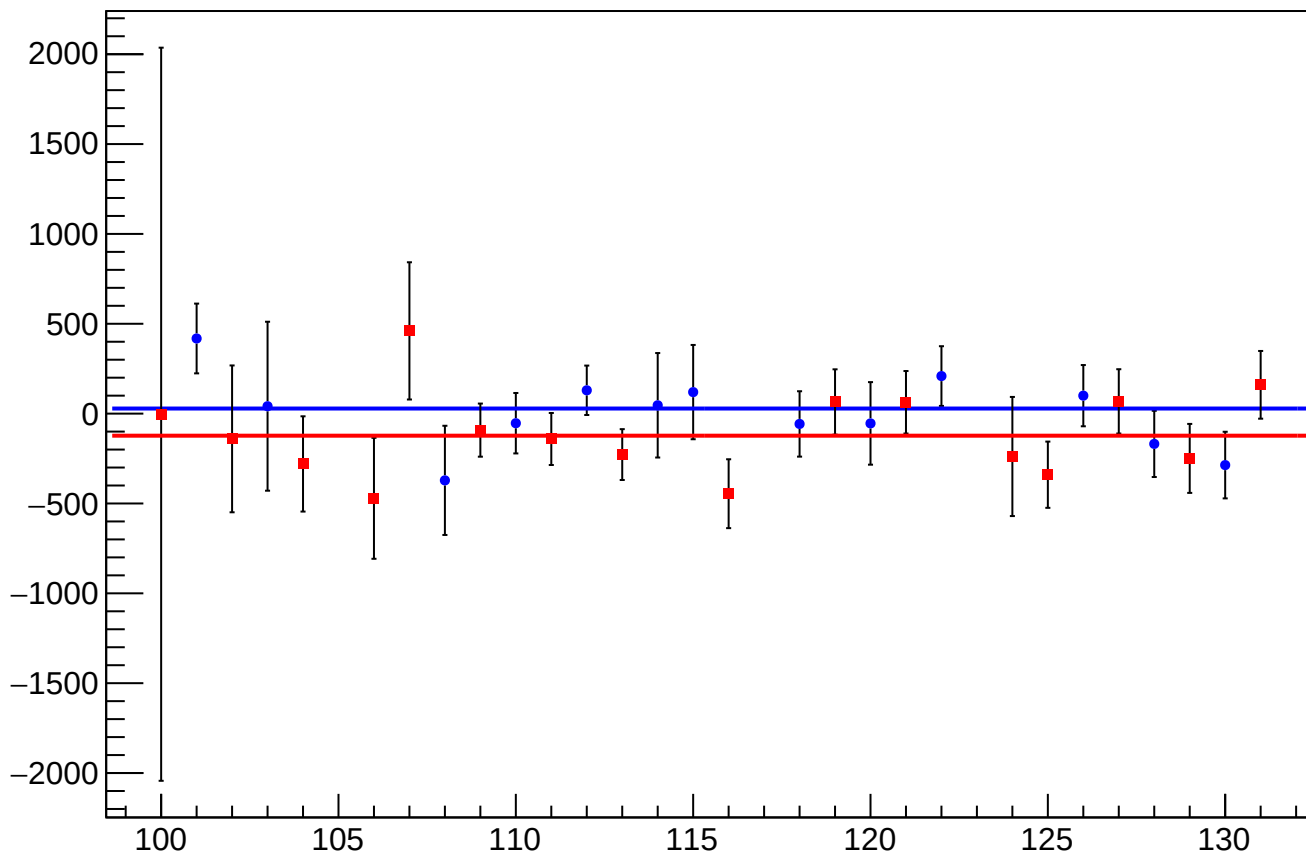
Right Out: 1651.925 $\pm$ 0.477 χ^2 /NDF: 382248.6/15

All: 1687.359 $\pm$ 0.356 χ^2 /NDF: 804479.2/28

- 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: 28.334+/-54.645 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -122.787+/-50.294 χ^2/NDF : 14.8/15

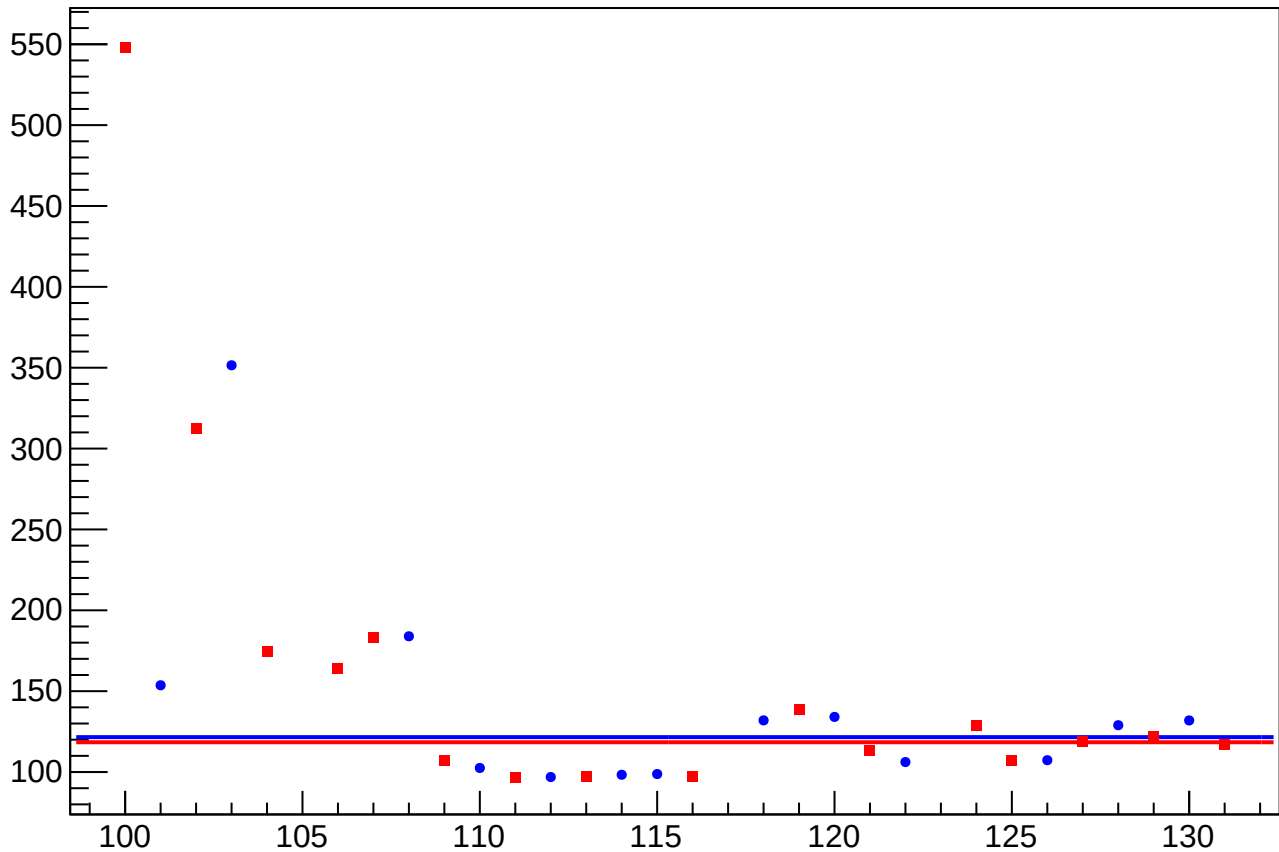
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.480+/-37.006 χ^2/NDF : 31.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam3_rms vs Slug



Right In: 121.579+/-0.039 χ^2/NDF : 788291.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.418+/-0.036 χ^2/NDF : 887011.1/15

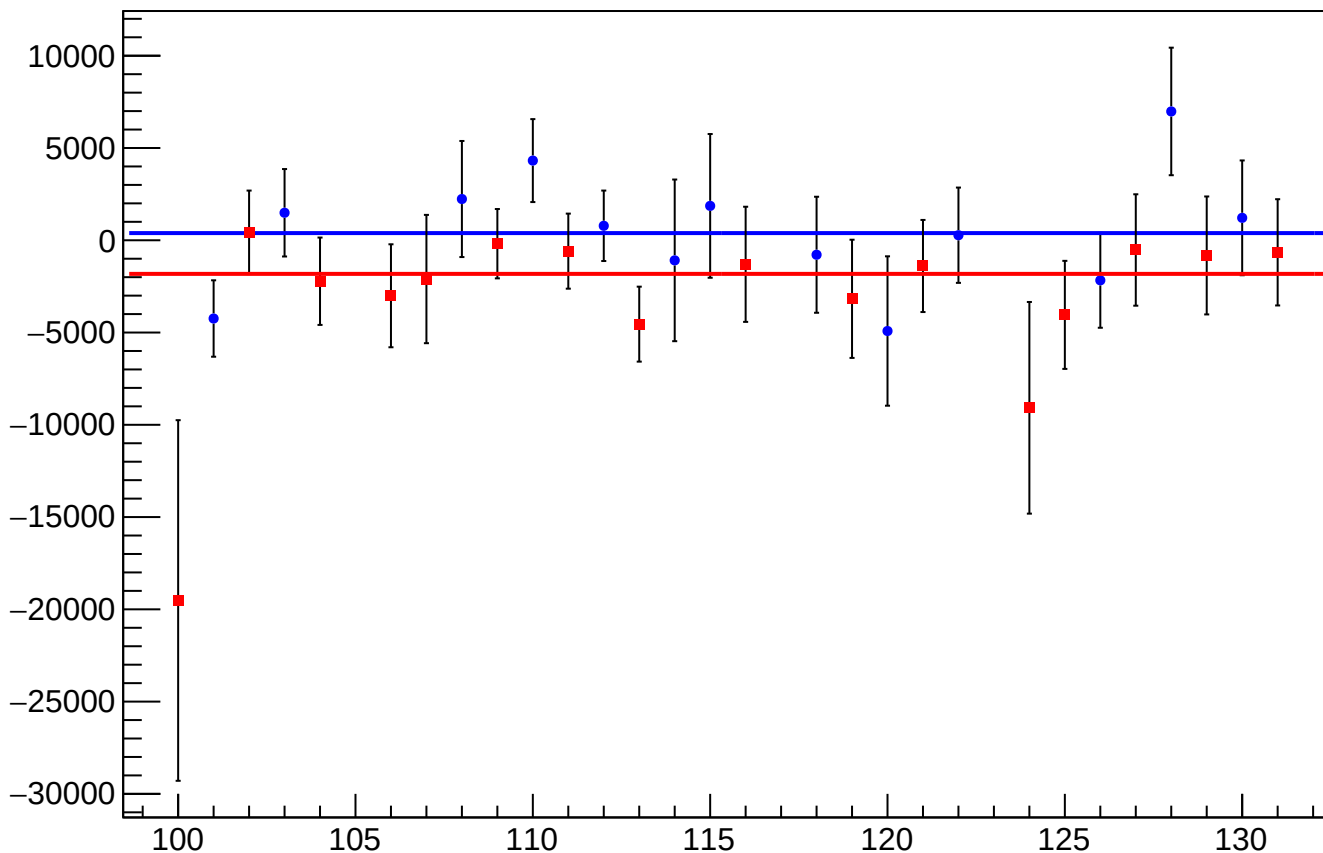
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.868+/-0.026 χ^2/NDF : 1678924.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_cor_correction_mean vs Slug



Right In: 389.118+/-755.197 χ^2/NDF : 15.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1821.214+/-674.325 χ^2/NDF : 10.3/15

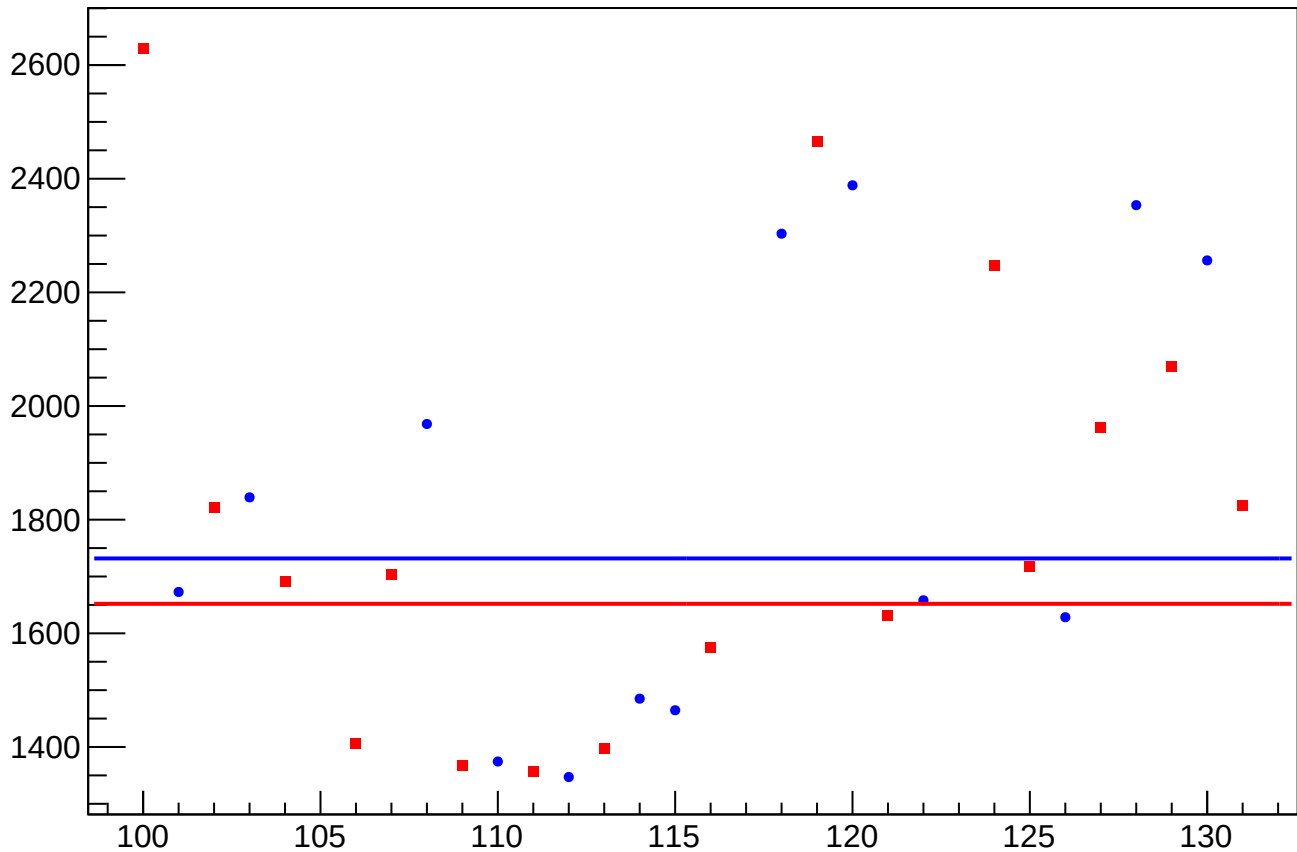
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -840.694+/-502.991 χ^2/NDF : 30.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_cor_correction_rms vs Slug



Right In: 1731.802 $\pm$ 0.534 χ^2 /NDF: 409781.5/12

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

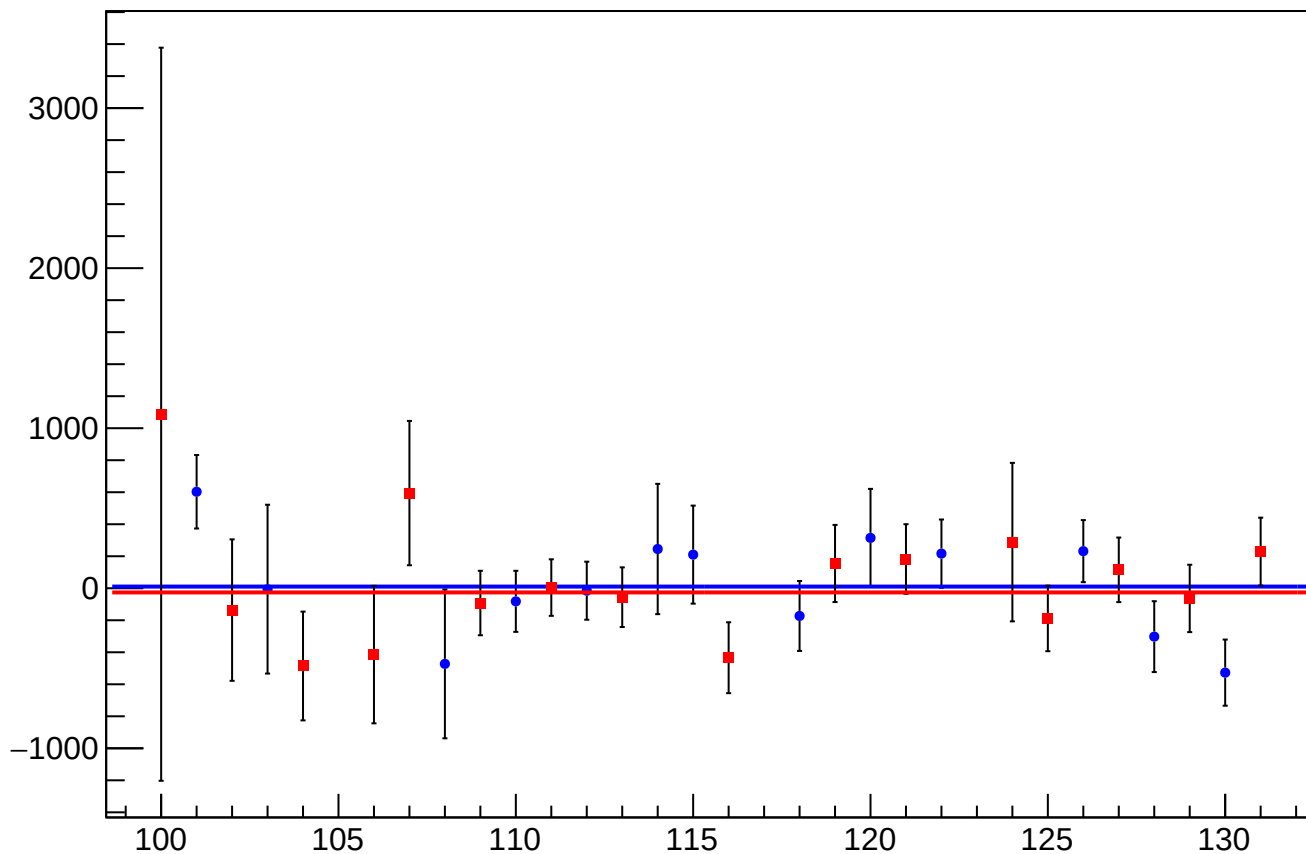
Right Out: 1651.925 $\pm$ 0.477 χ^2 /NDF: 382248.6/15

All: 1687.359 $\pm$ 0.356 χ^2 /NDF: 804479.2/28

- 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: 10.499+/-66.549 χ^2/NDF : 21.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.075+/-61.336 χ^2/NDF : 12.9/15

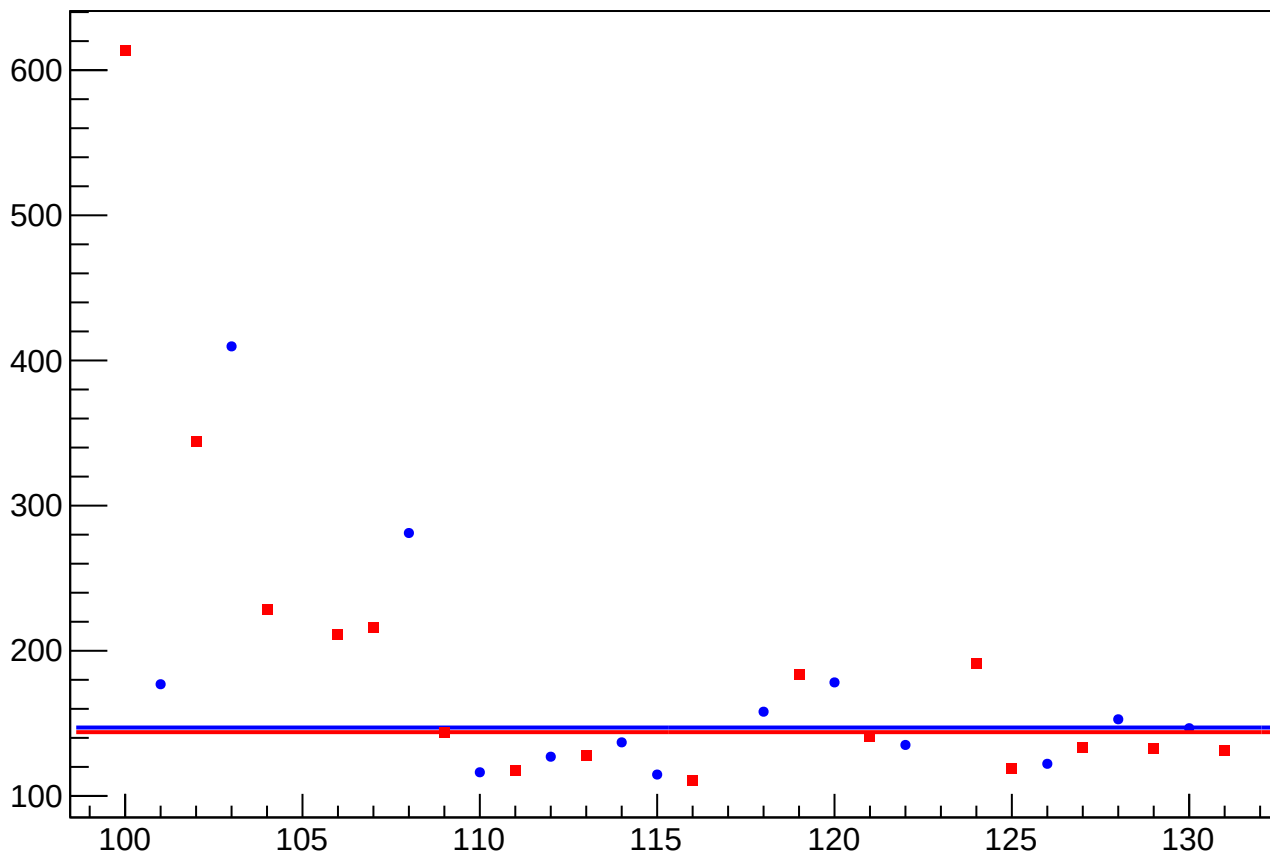
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.276+/-45.102 χ^2/NDF : 34.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam3_rms vs Slug



Right In: 147.136+/-0.047 χ^2/NDF : 862319.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 143.945+/-0.043 χ^2/NDF : 943951.4/15

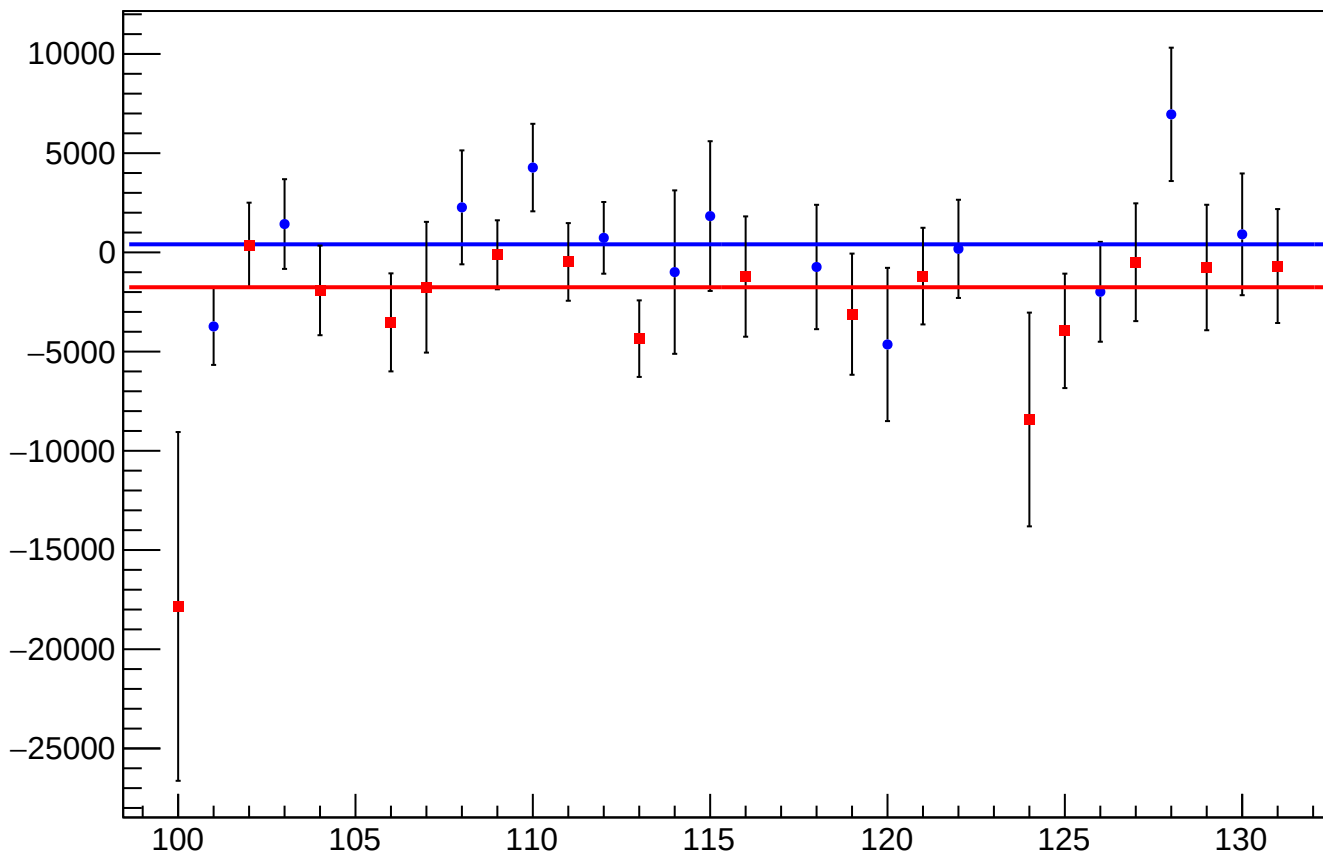
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.411+/-0.032 χ^2/NDF : 1808756.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_dit_correction_mean vs Slug



Right In: 406.620+/-723.750 χ^2/NDF : 15.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1756.344+/-642.921 χ^2/NDF : 10.8/15

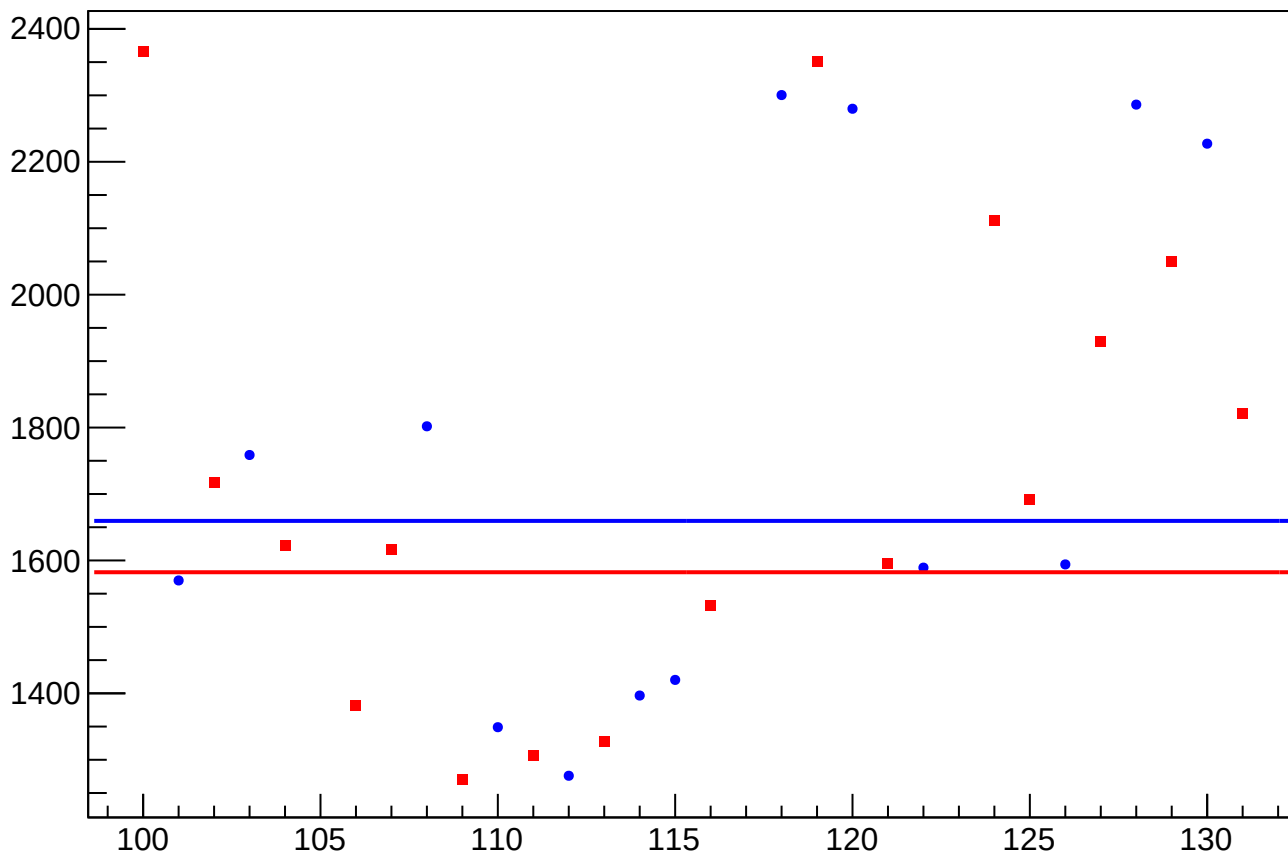
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -802.340+/-480.661 χ^2/NDF : 30.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_dit_correction_rms vs Slug



Right In: 1659.531 $\pm$ 0.512 χ^2 /NDF: 435223.1/12

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

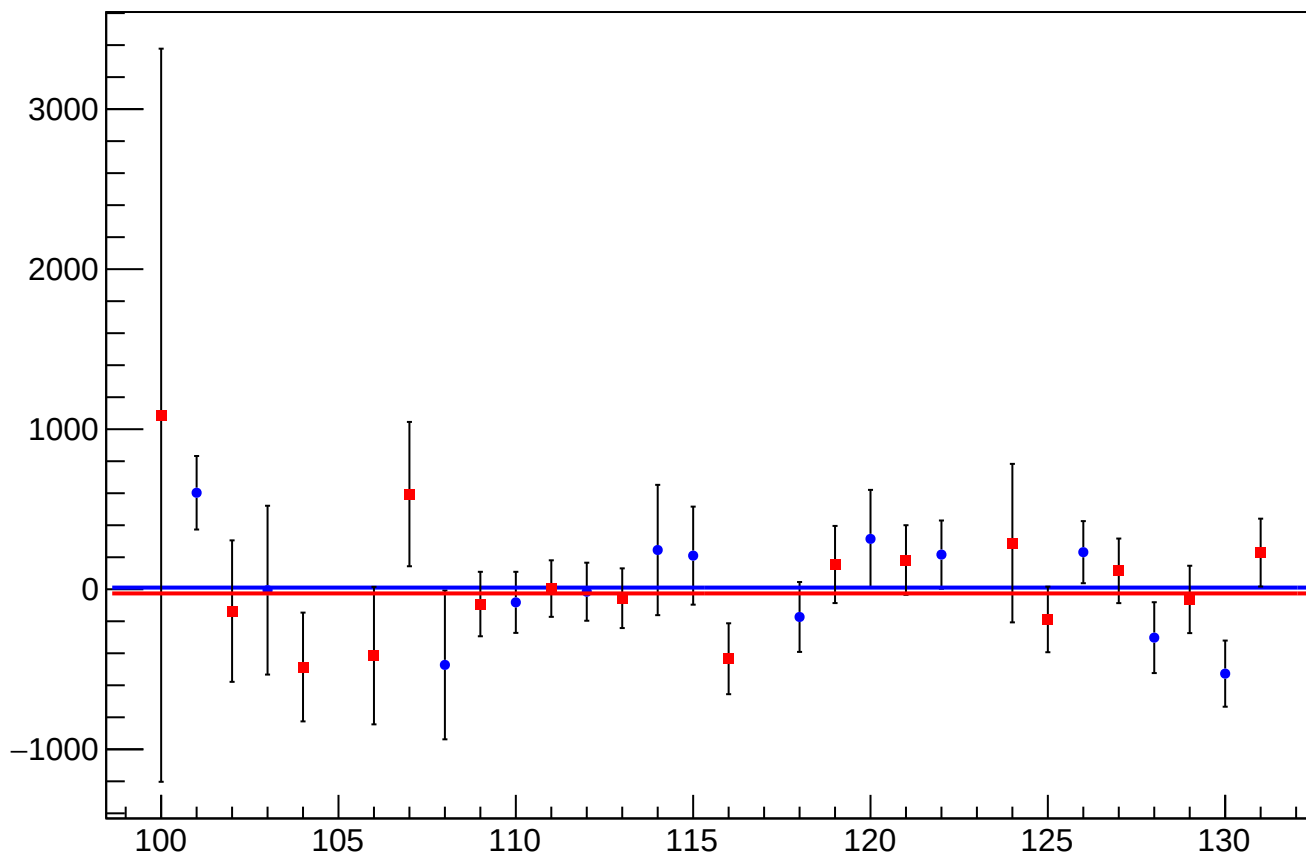
Right Out: 1582.258 $\pm$ 0.455 χ^2 /NDF: 411745.9/15

All: 1616.341 $\pm$ 0.340 χ^2 /NDF: 859712.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam3_mean vs Slug



Right In: 10.496+/-66.550 χ^2/NDF : 21.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.071+/-61.337 χ^2/NDF : 12.9/15

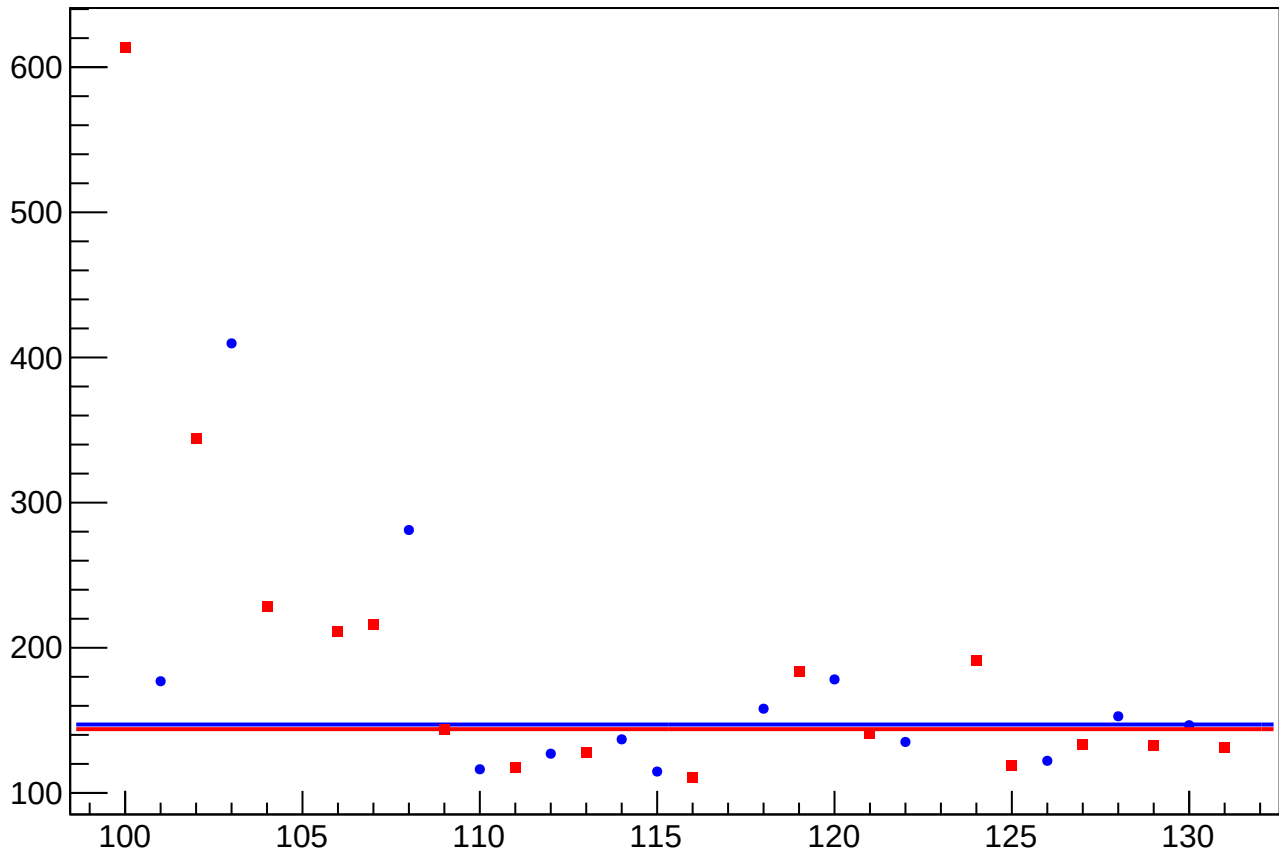
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.275+/-45.102 χ^2/NDF : 34.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam3_rms vs Slug



Right In: 147.137 $\pm$ 0.047 χ^2 /NDF: 862309.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 143.946 $\pm$ 0.043 χ^2 /NDF: 943948.0/15

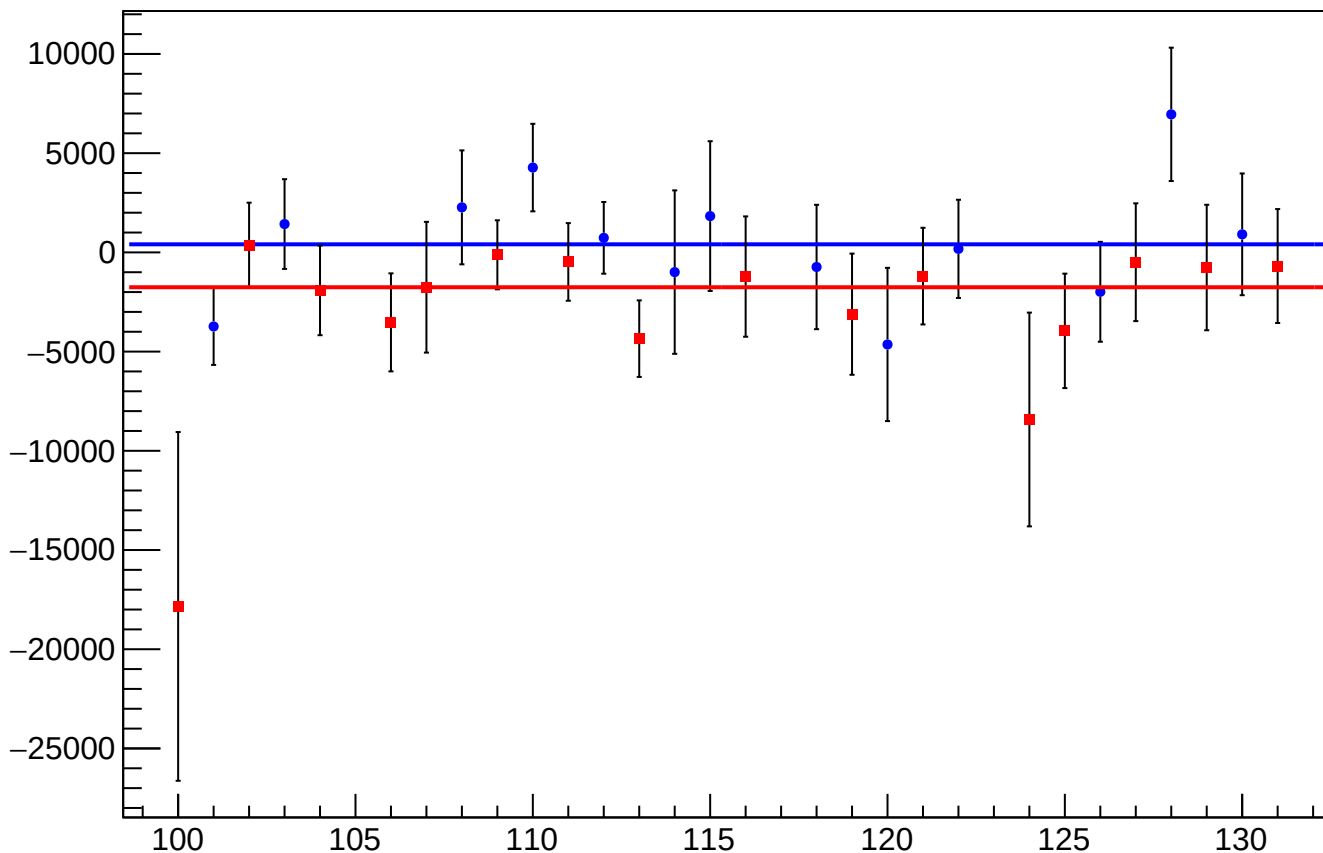
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 145.412 $\pm$ 0.032 χ^2 /NDF: 1808742.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_dit_correction_mean vs Slug



Right In: 406.618+/-723.749 χ^2/NDF : 15.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1756.341+/-642.920 χ^2/NDF : 10.8/15

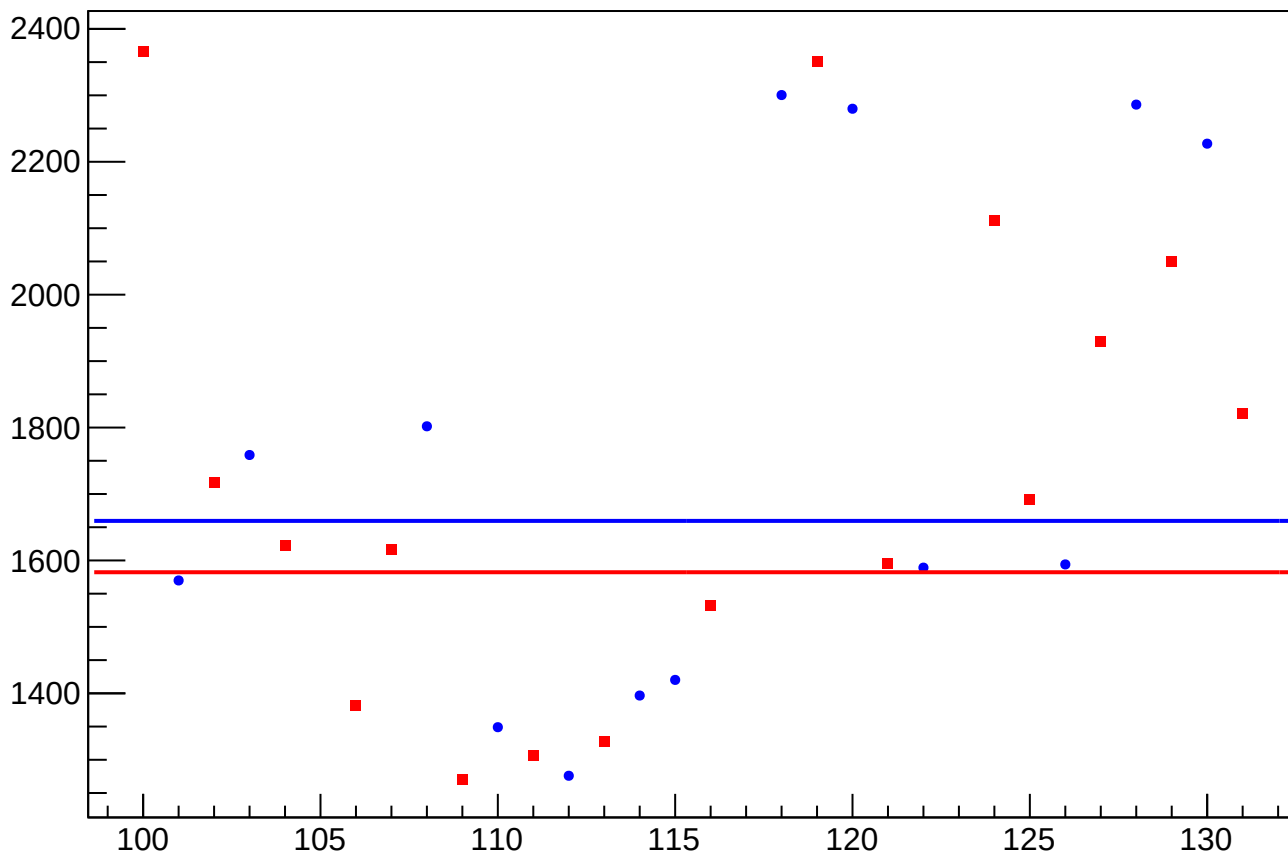
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -802.340+/-480.660 χ^2/NDF : 30.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_dit_correction_rms vs Slug



Right In: 1659.528 $\pm$ 0.512 χ^2 /NDF: 435226.5/12

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

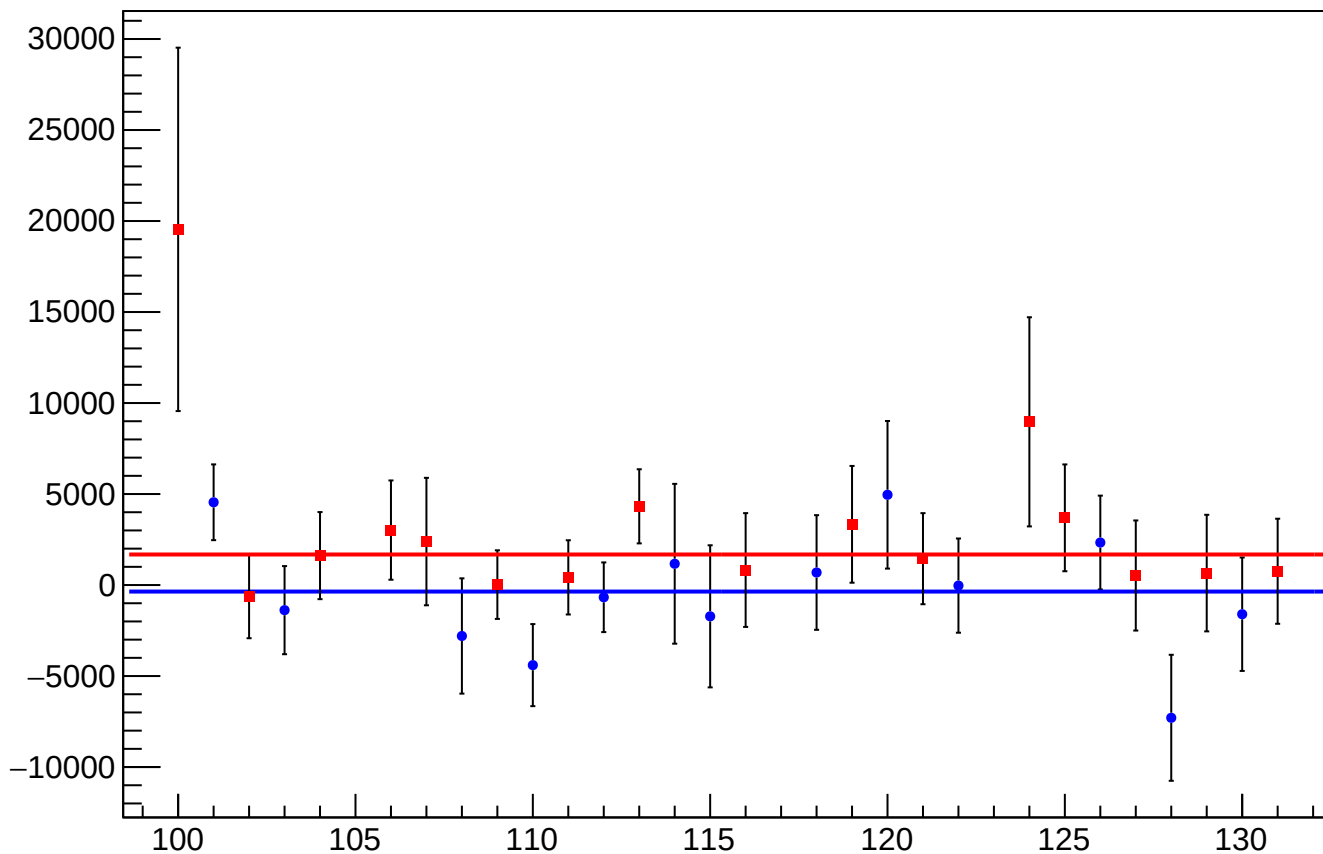
Right Out: 1582.255 $\pm$ 0.455 χ^2 /NDF: 411746.1/15

All: 1616.337 $\pm$ 0.340 χ^2 /NDF: 859715.7/28

- 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_mean vs Slug



Right In: -358.274+/-758.894 χ^2/NDF : 16.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1678.194+/-676.531 χ^2/NDF : 10.1/15

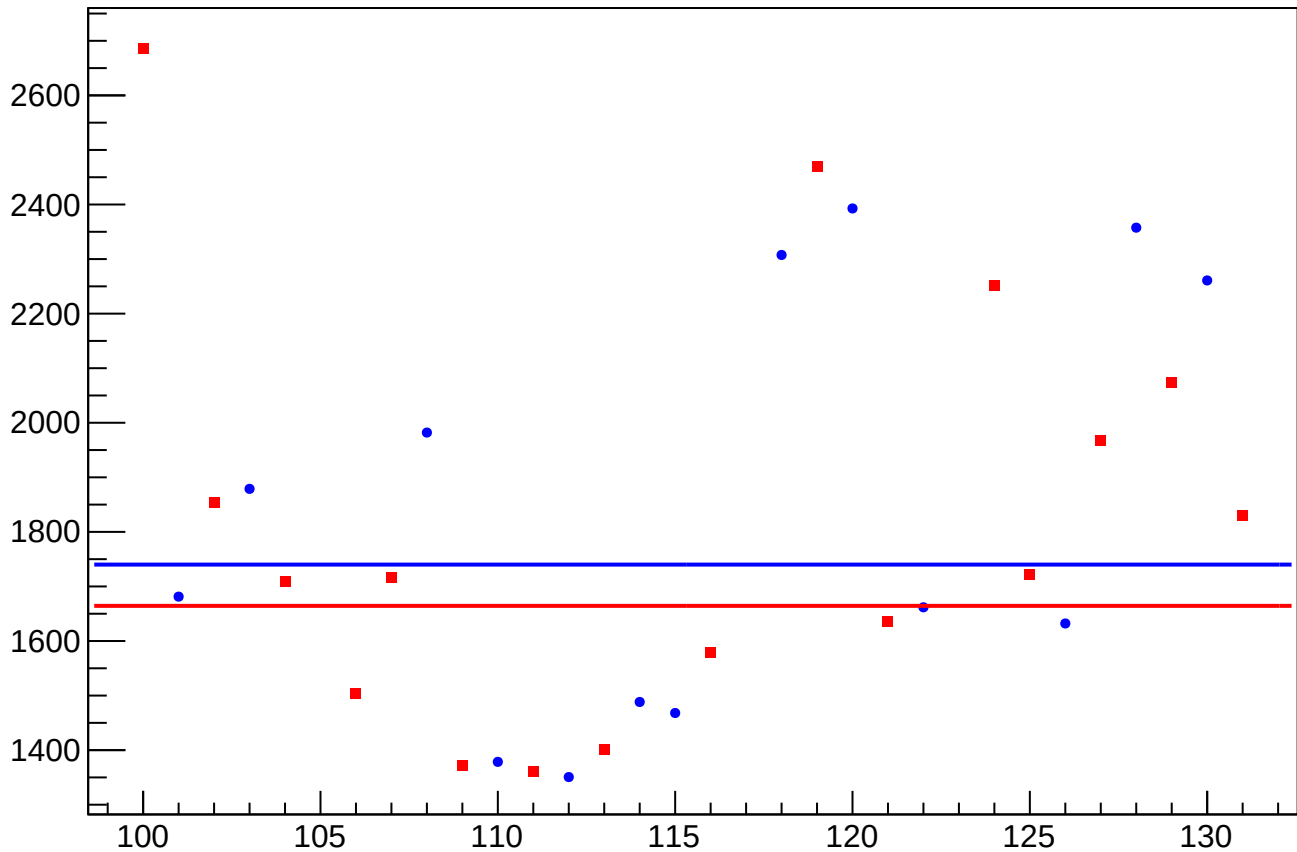
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 776.427+/-504.998 χ^2/NDF : 31.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_rms vs Slug



Right In: 1740.061+/-0.537 χ^2/NDF : 411938.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

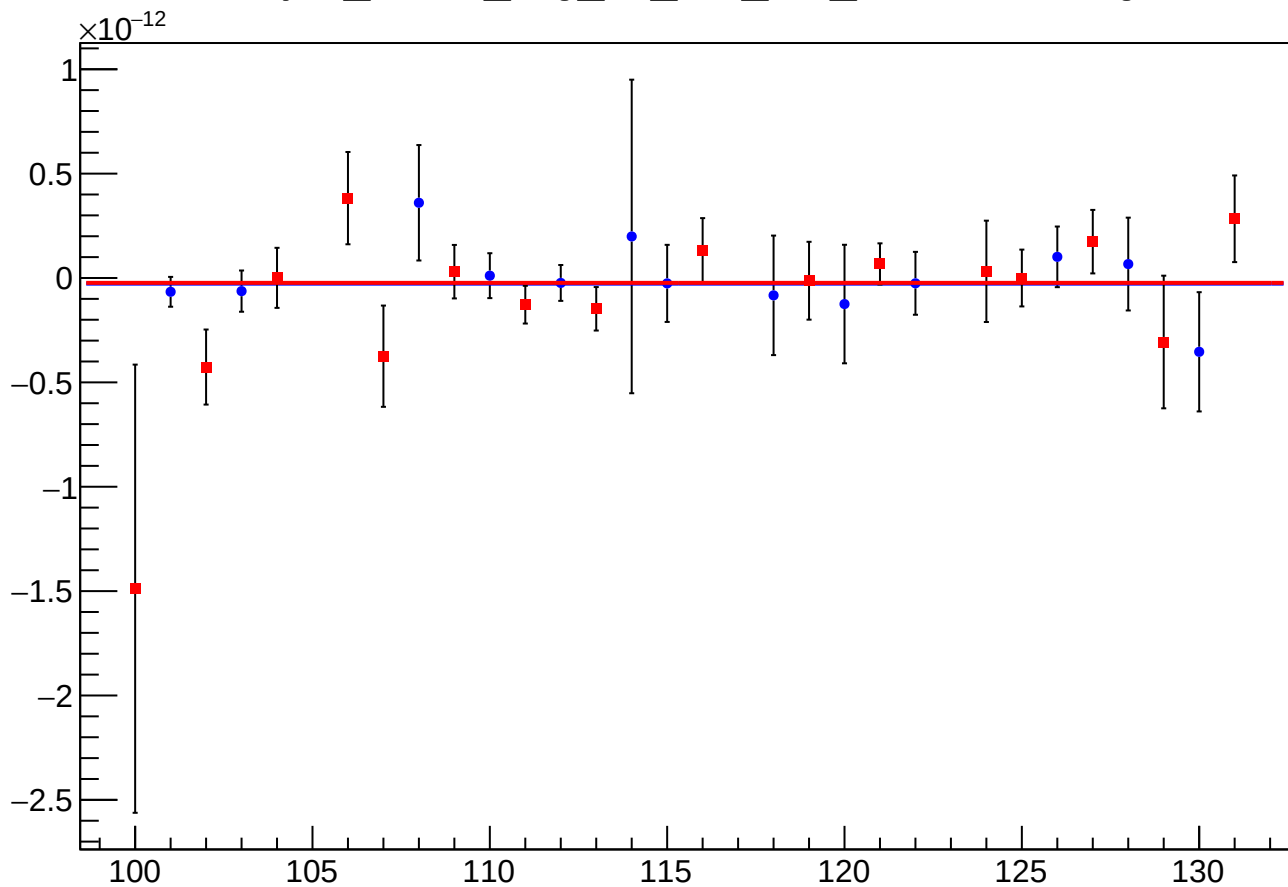
Right Out: 1664.440+/-0.478 χ^2/NDF : 377197.5/15

All: 1697.926+/-0.357 χ^2/NDF : 800200.6/28

- 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_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 5.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 22.0/15

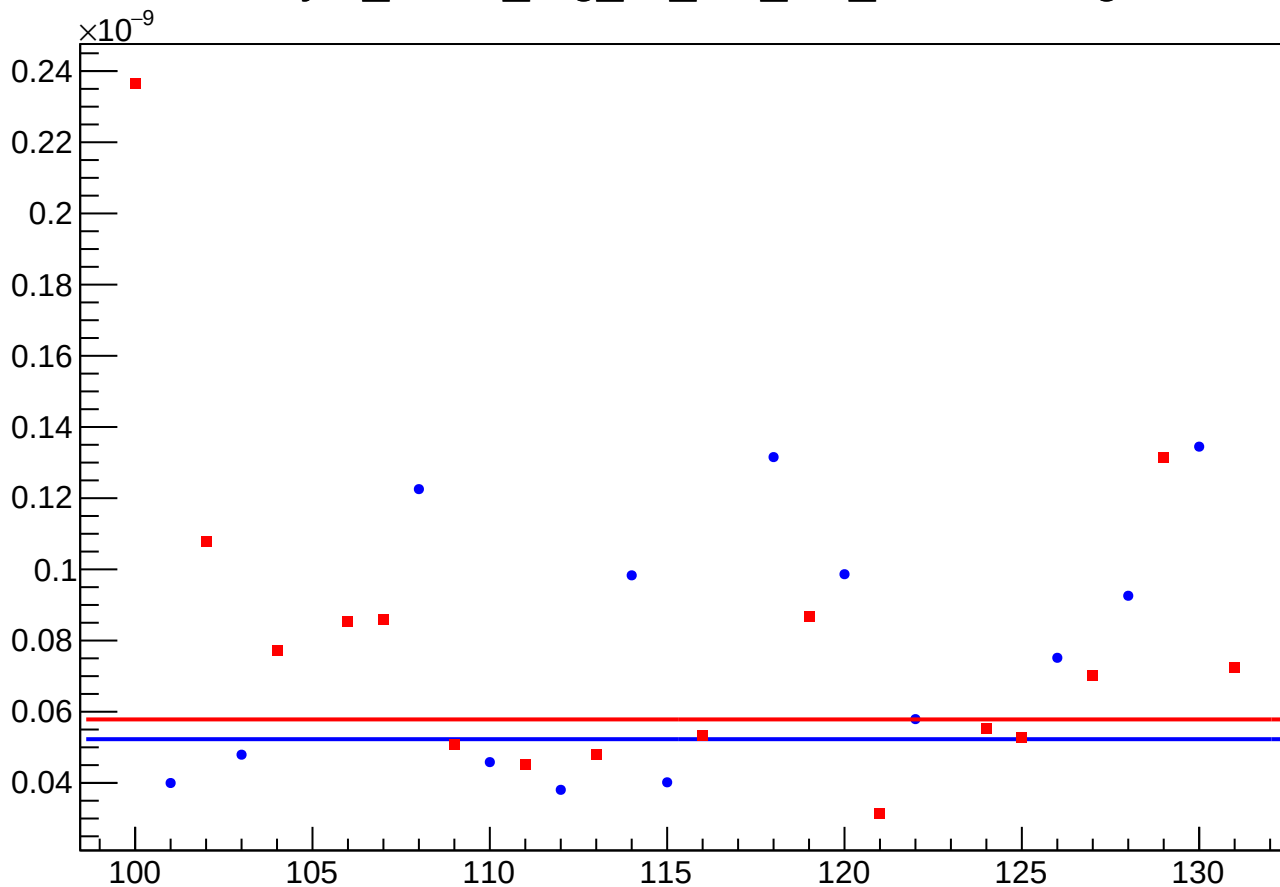
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.0/28

- 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 : 760739.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 693767.4/15

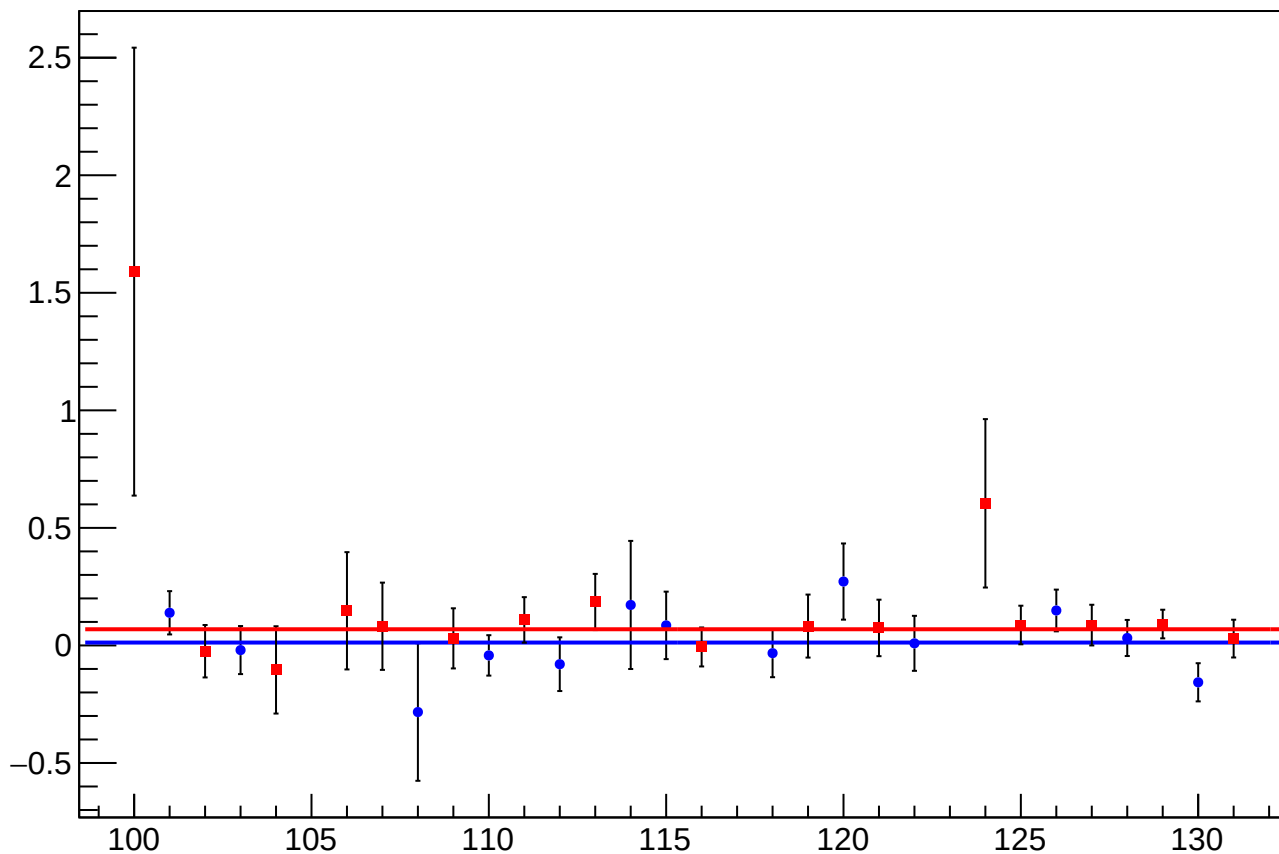
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1476509.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_dit_vs_cor_diff_mean vs Slug



Right In: 0.012 $\pm$ 0.029 χ^2 /NDF: 14.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.069 $\pm$ 0.027 χ^2 /NDF: 9.0/15

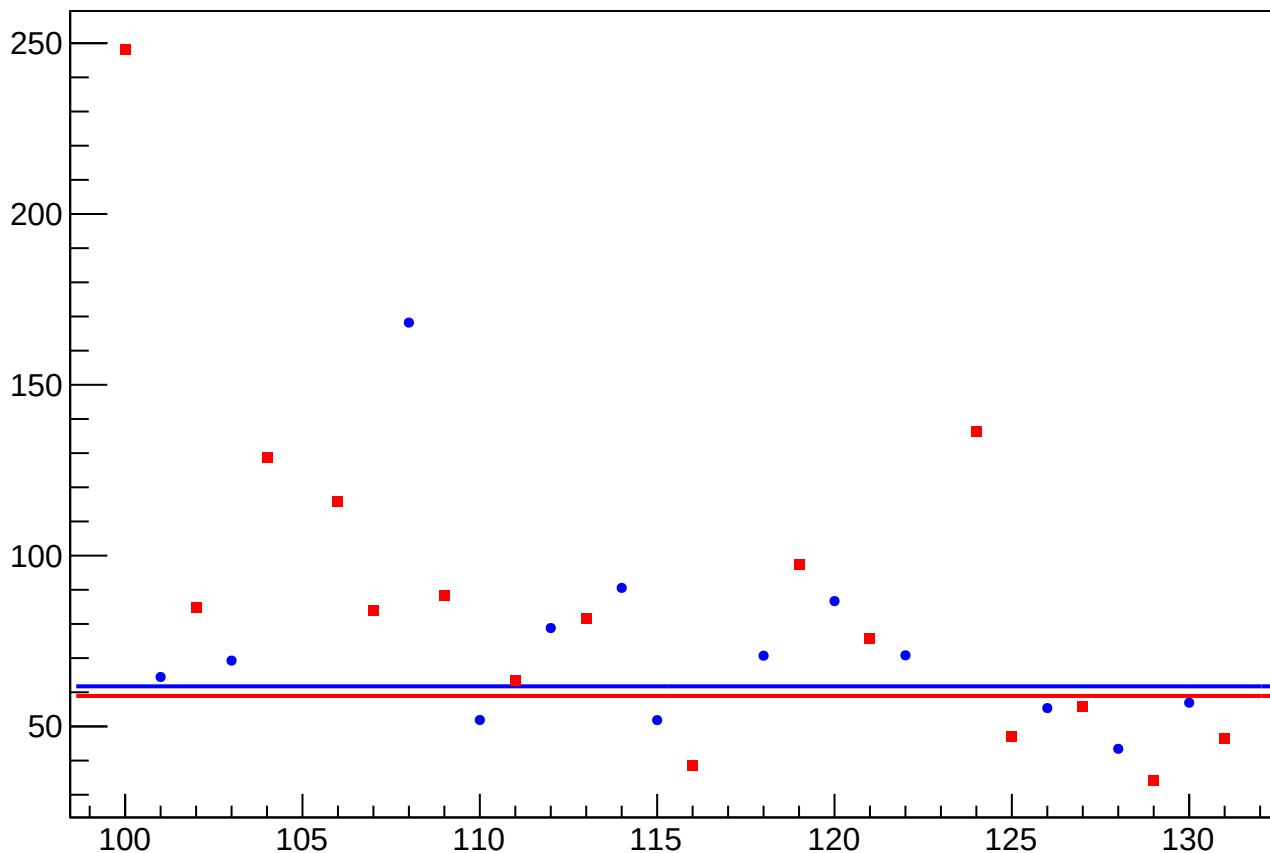
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.043 $\pm$ 0.020 χ^2 /NDF: 25.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_dit_vs_cor_diff_rms vs Slug



Right In: 61.737 $\pm$ 0.021 χ^2 /NDF: 586087.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 58.918 $\pm$ 0.019 χ^2 /NDF: 1633649.4/15

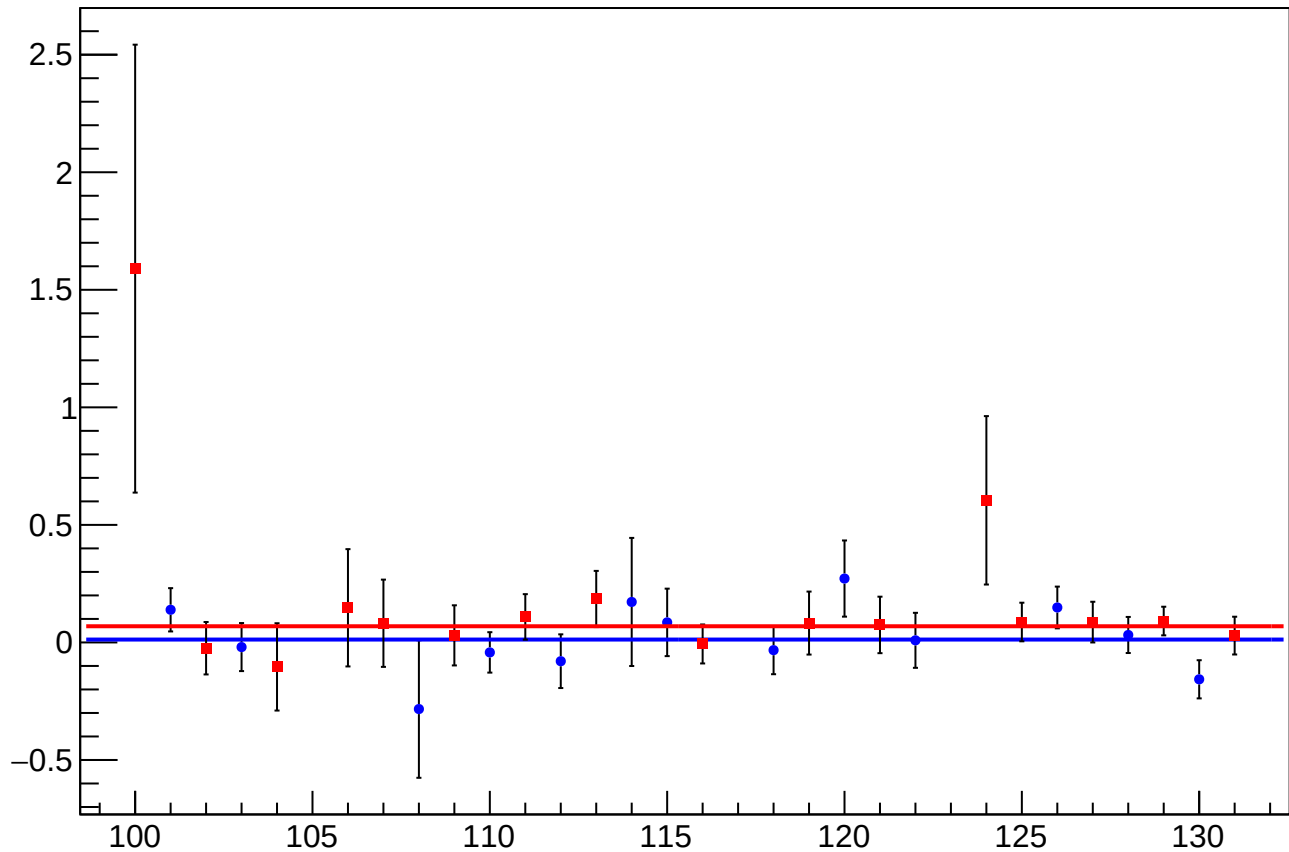
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 60.203 $\pm$ 0.014 χ^2 /NDF: 2229718.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.012 $\pm$ 0.029 χ^2 /NDF: 14.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.069 $\pm$ 0.027 χ^2 /NDF: 9.0/15

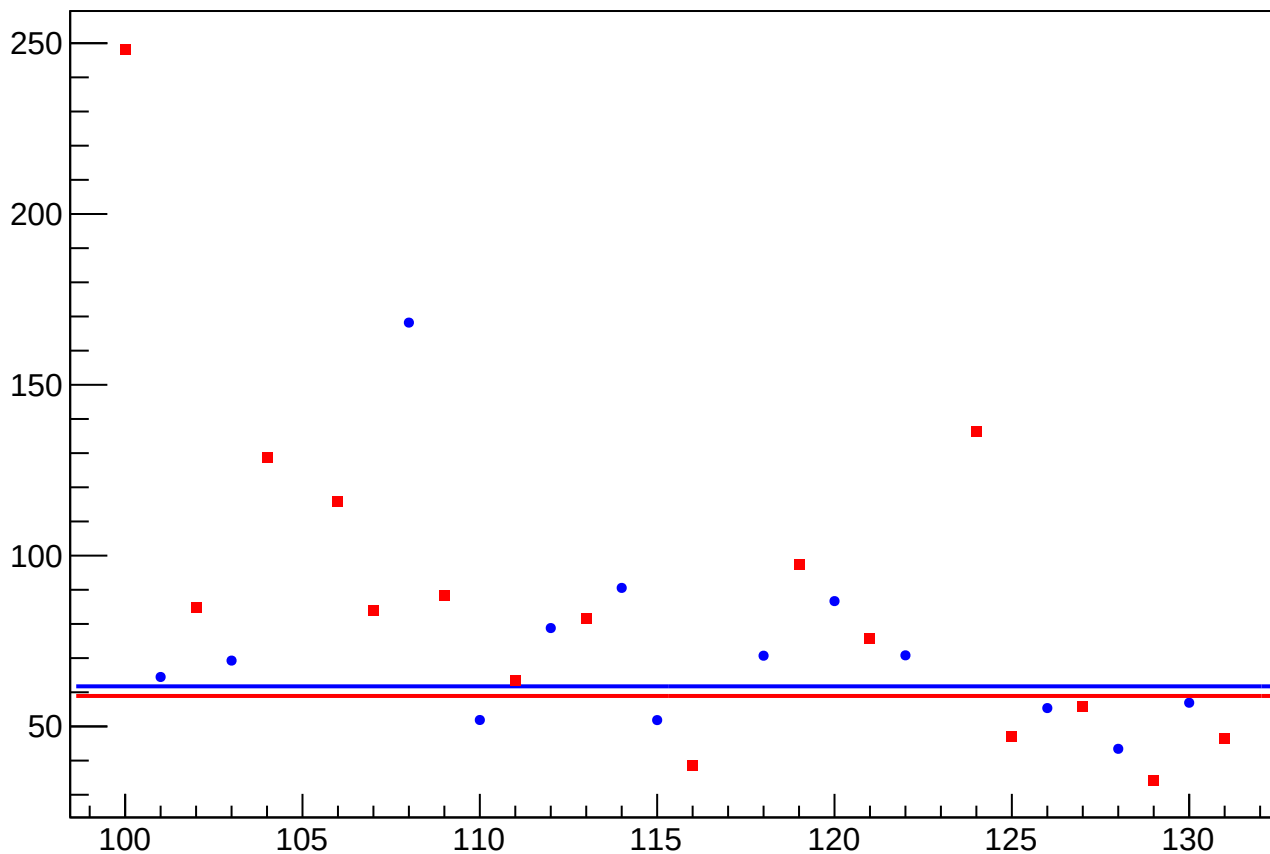
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.043 $\pm$ 0.020 χ^2 /NDF: 25.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 61.737 $\pm$ 0.021 χ^2 /NDF: 586087.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 58.918 $\pm$ 0.019 χ^2 /NDF: 1633649.4/15

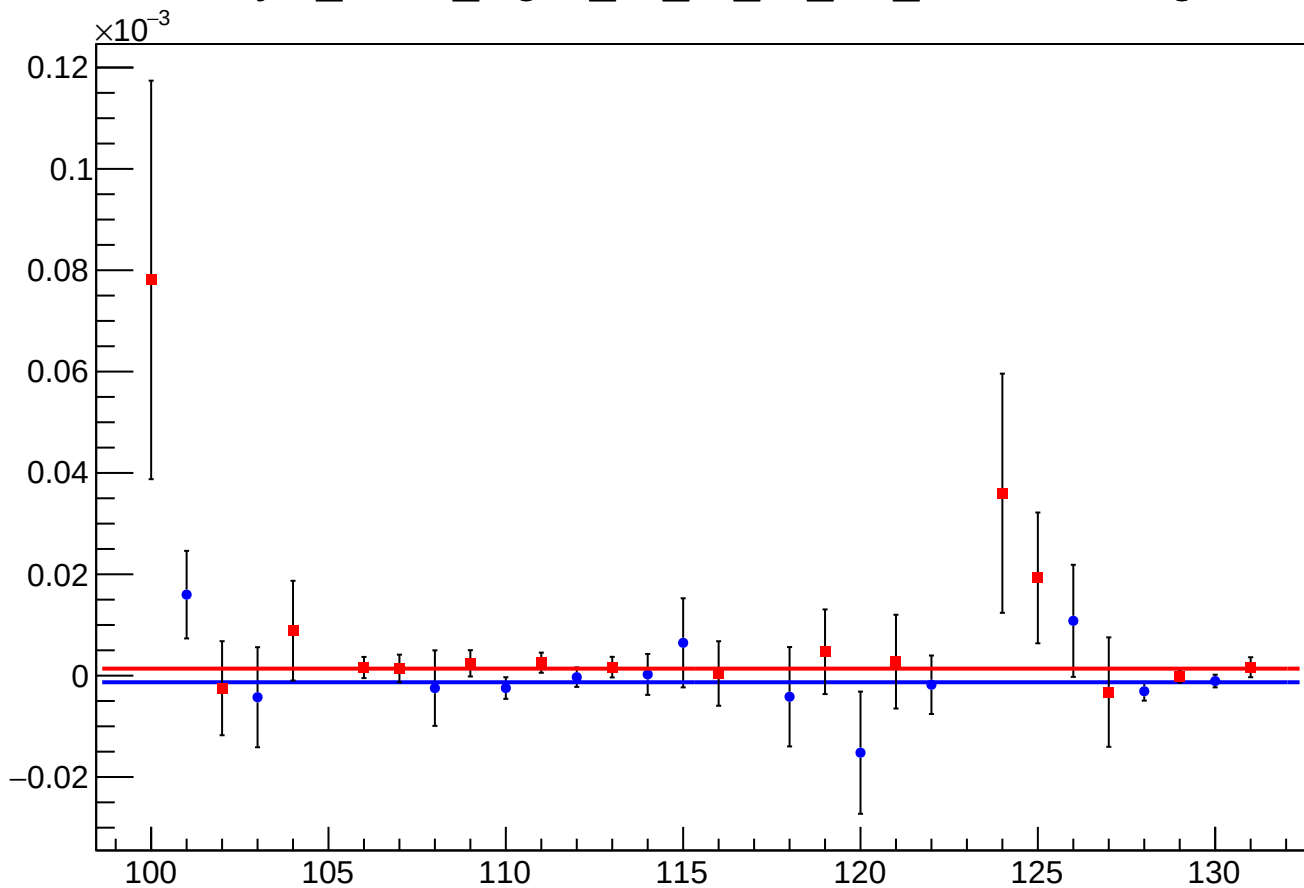
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 60.203 $\pm$ 0.014 χ^2 /NDF: 2229718.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.9/15

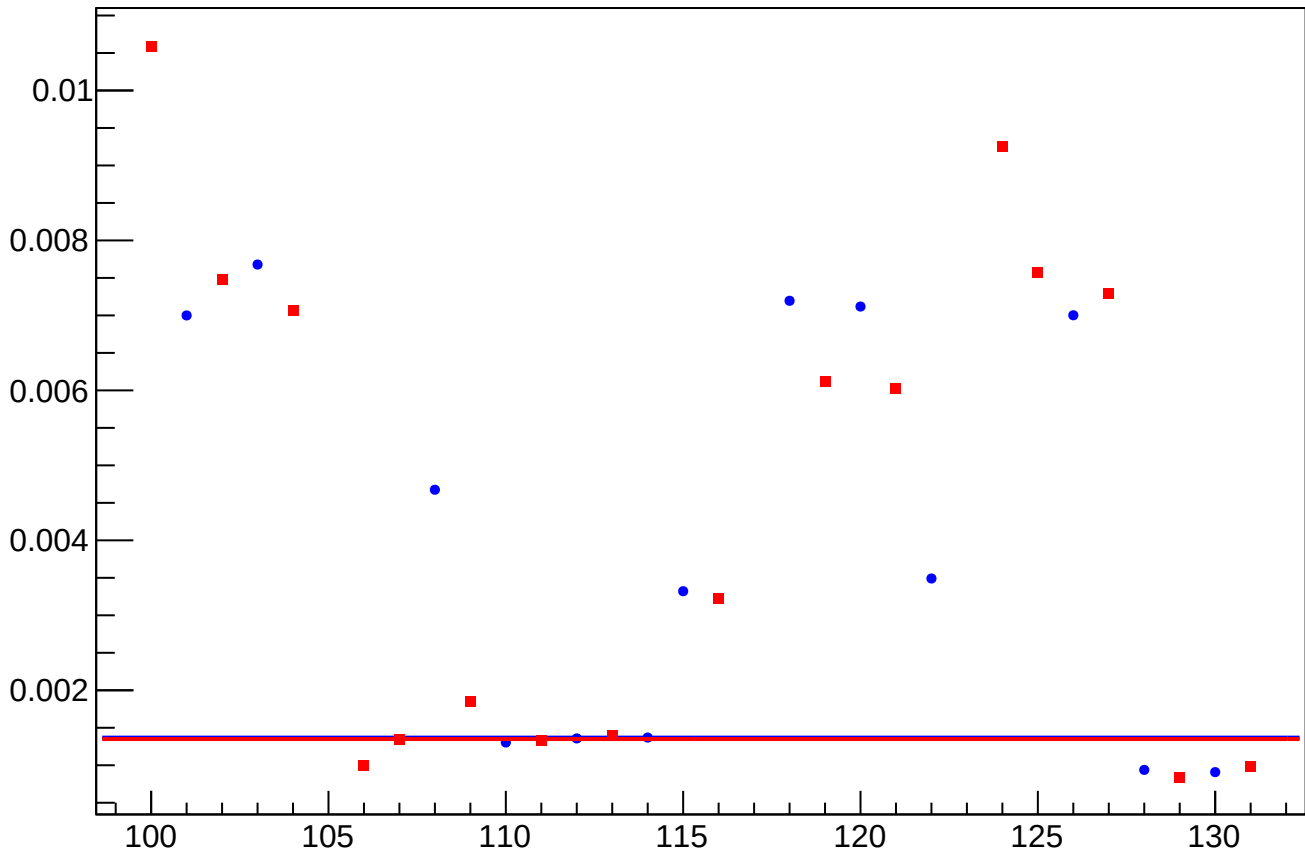
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 26.4/28

- sign 0.000 $\pm$ 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 : 4488265.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4812268.7/15

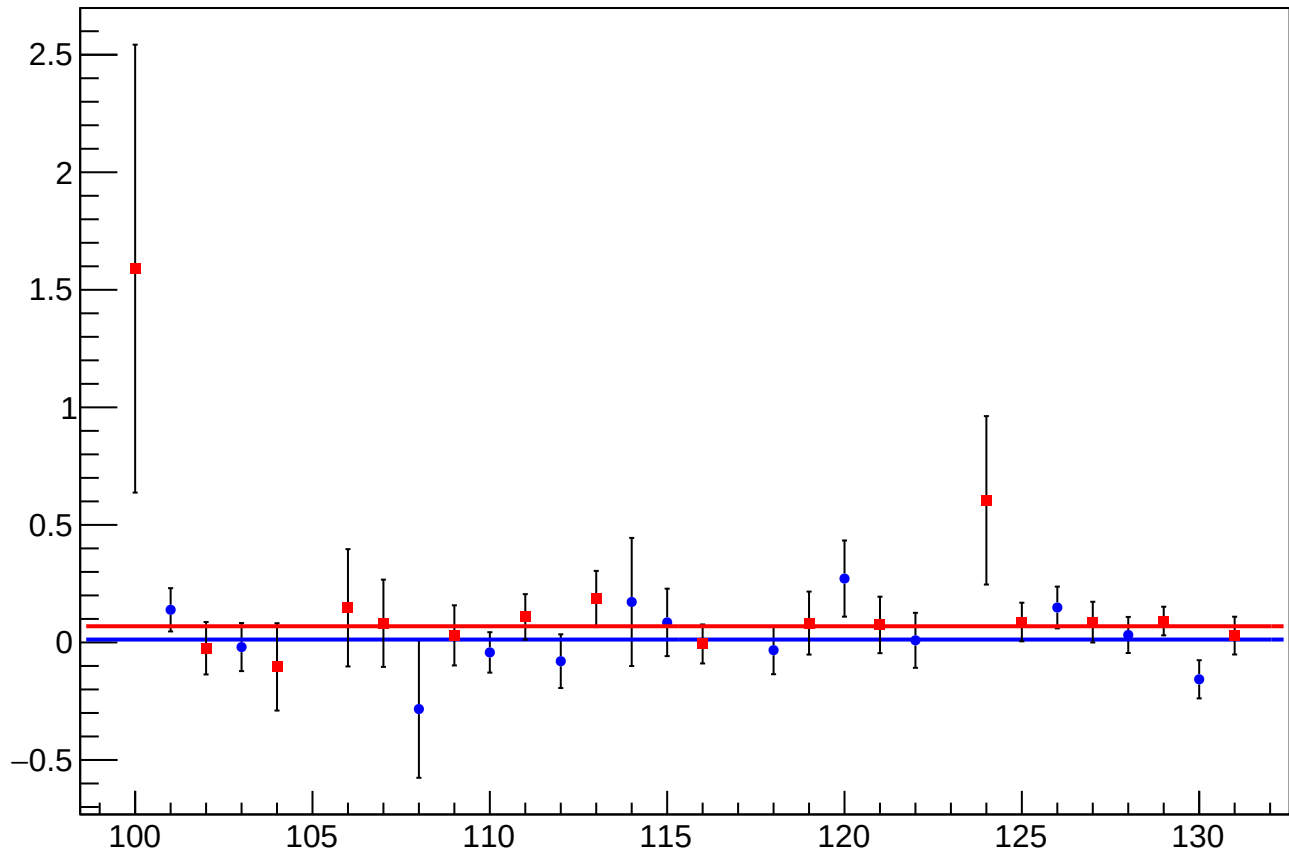
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 9301154.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.012 $\pm$ 0.029 χ^2/NDF : 14.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.069 $\pm$ 0.027 χ^2/NDF : 9.0/15

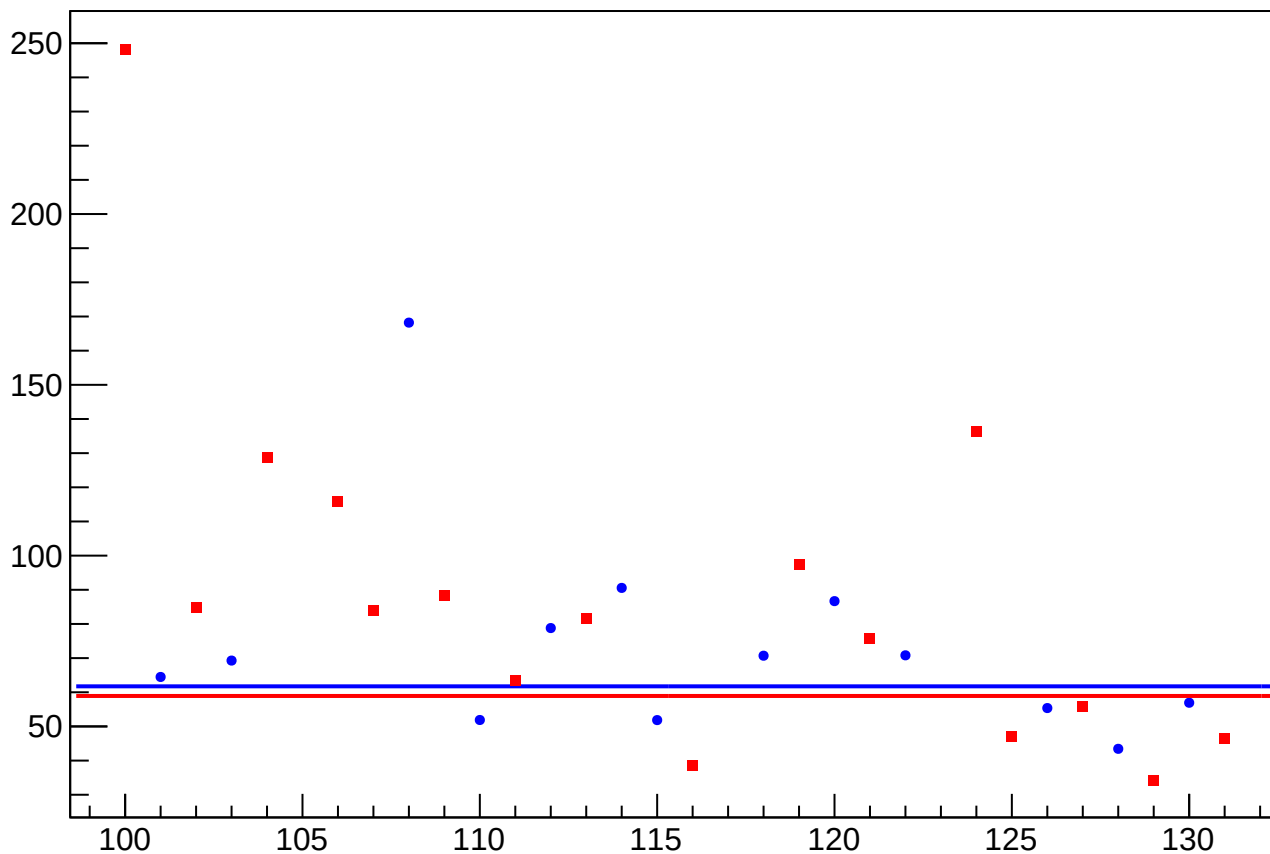
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.043 $\pm$ 0.020 χ^2/NDF : 25.2/28

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 61.739+/-0.021 χ^2 /NDF: 586100.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 58.919+/-0.019 χ^2 /NDF: 1633718.3/15

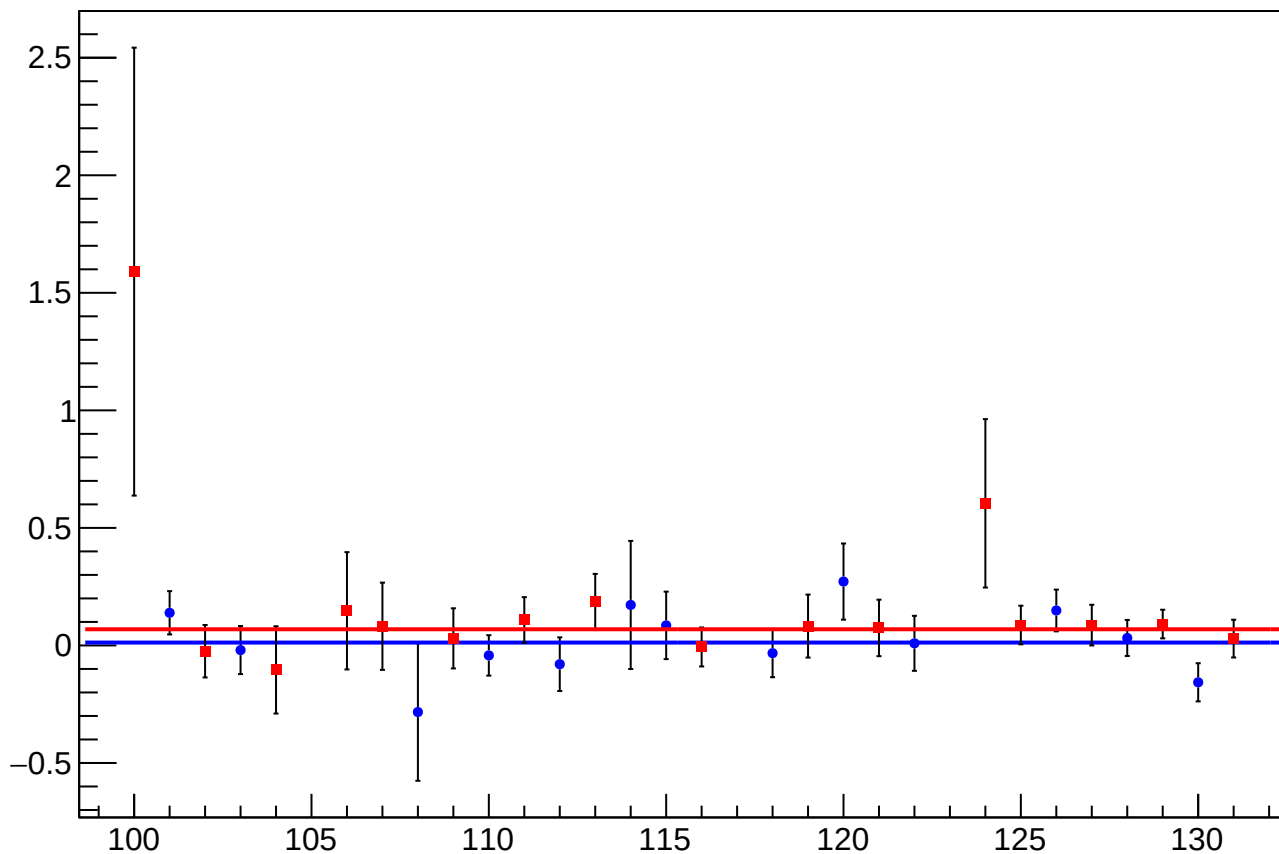
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 60.204+/-0.014 χ^2 /NDF: 2229806.5/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.012 $\pm$ 0.029 χ^2 /NDF: 14.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.069 $\pm$ 0.027 χ^2 /NDF: 9.0/15

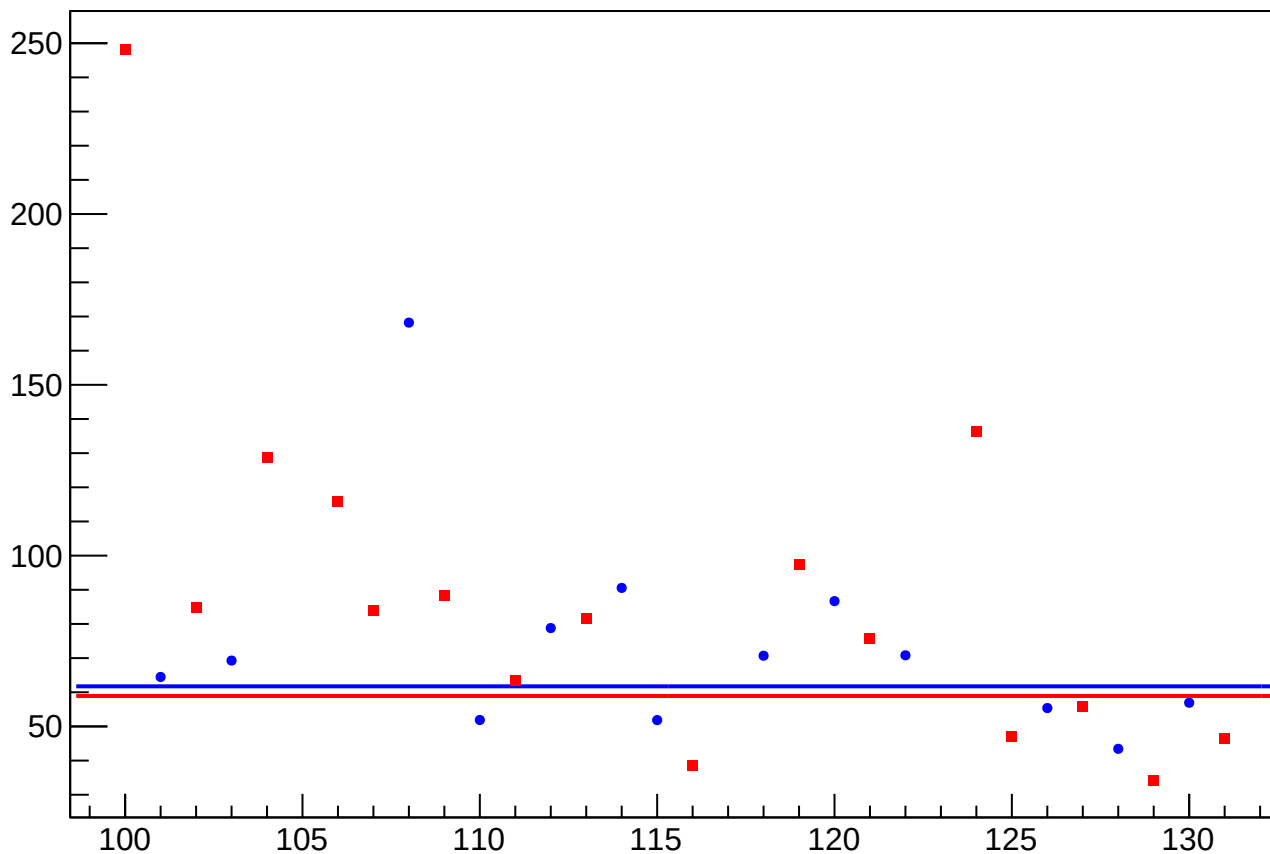
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.043 $\pm$ 0.020 χ^2 /NDF: 25.2/28

- 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: 61.739+/-0.021 χ^2/NDF : 586100.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.919+/-0.019 χ^2/NDF : 1633718.3/15

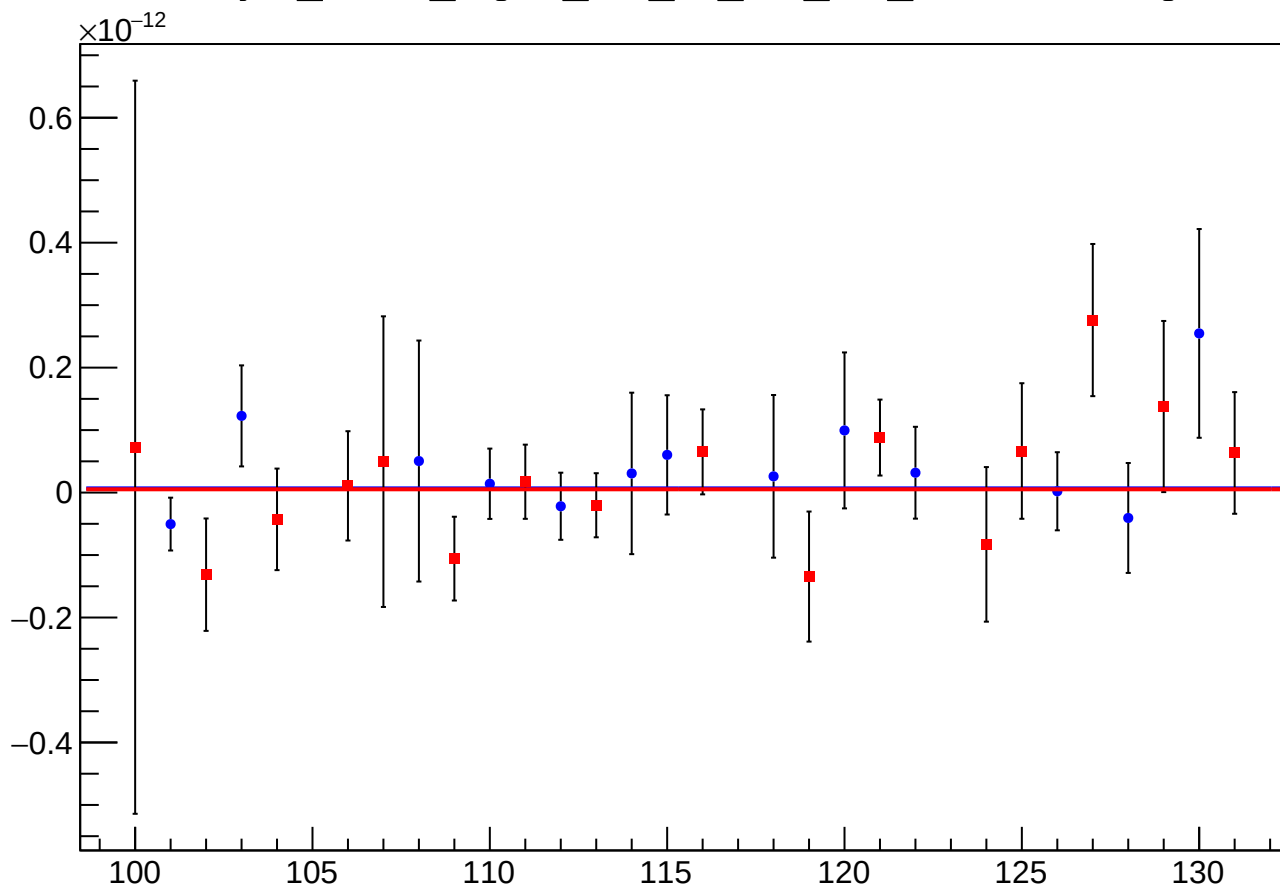
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

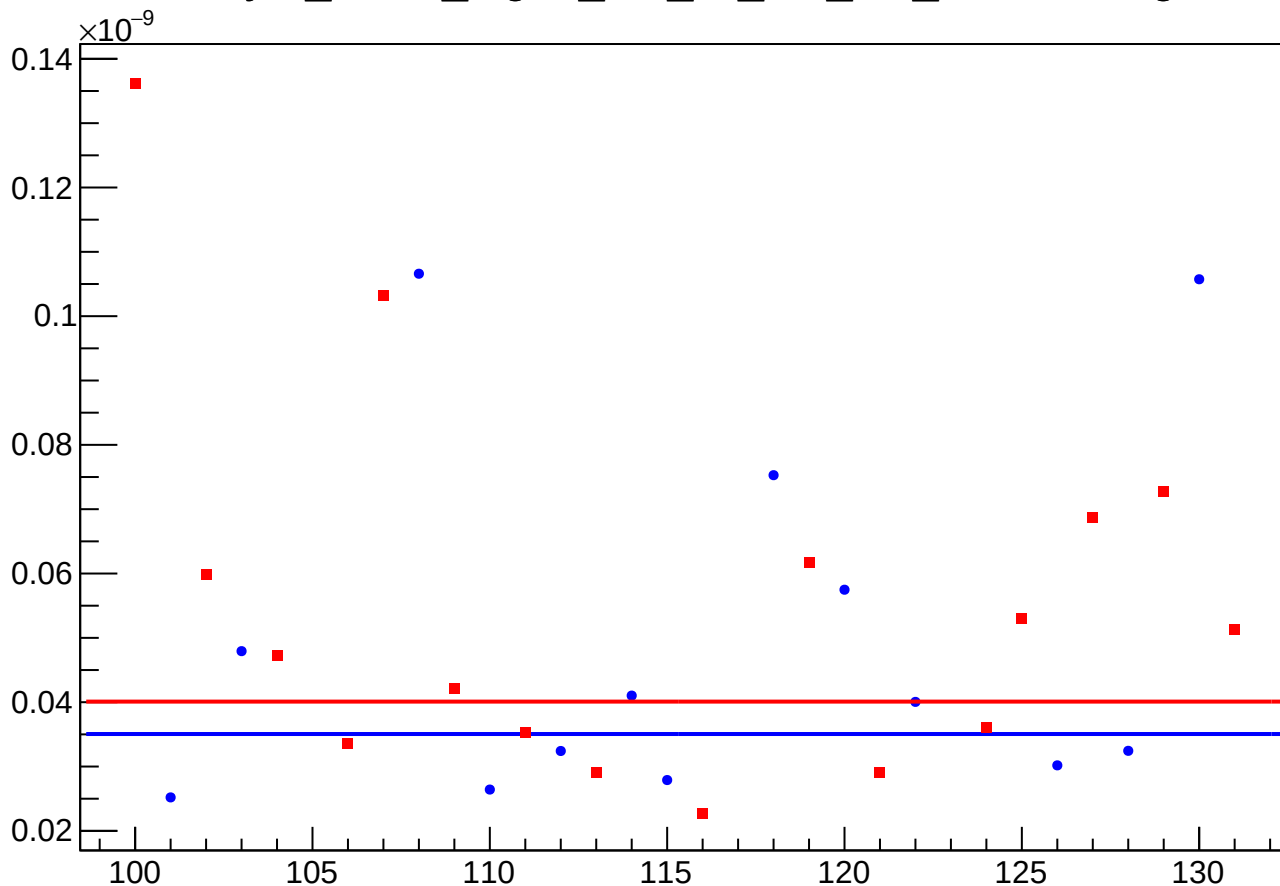
All: 60.204+/-0.014 χ^2/NDF : 2229806.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_cor_vs_cor_diff_mean vs Slug



asym_sam3_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1138551.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 994348.4/15

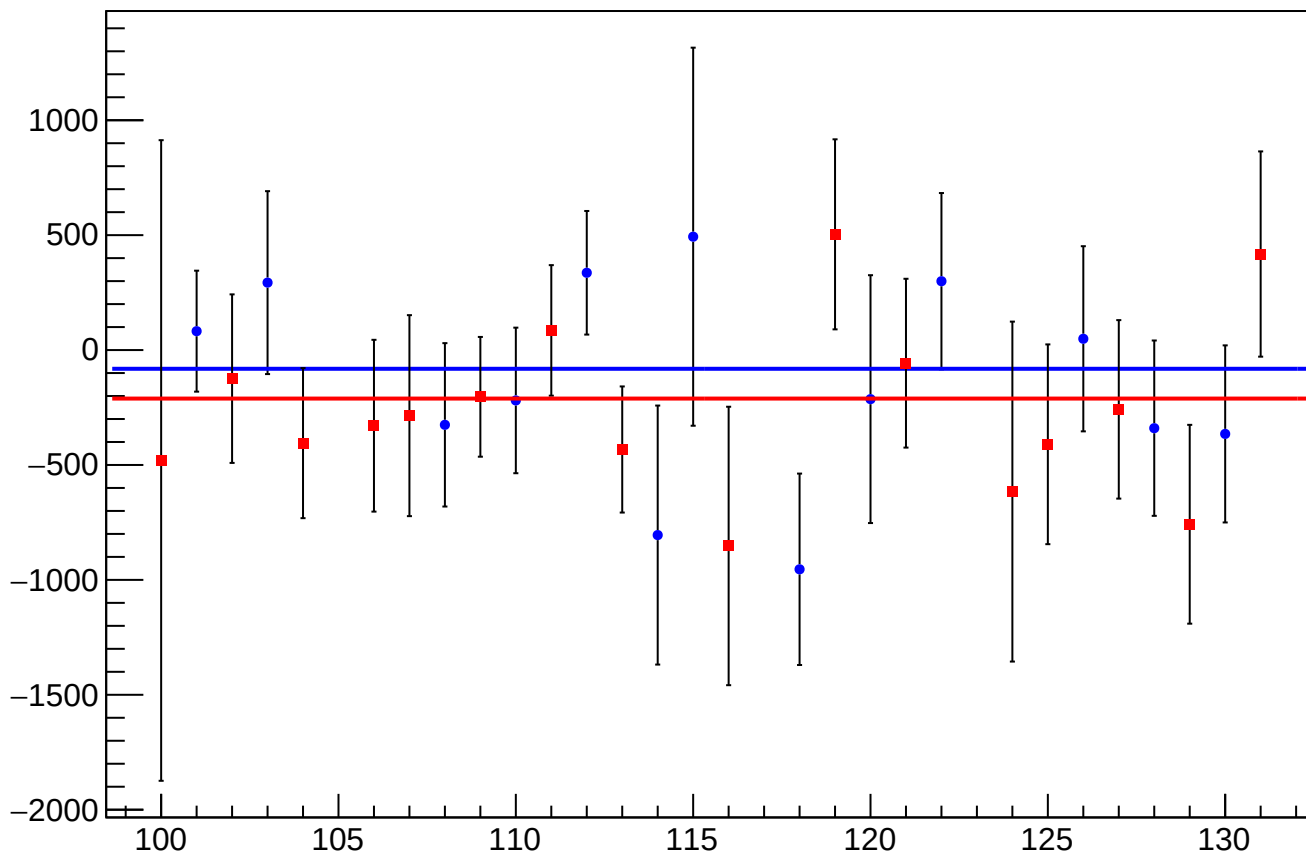
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2190901.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_mean vs Slug



Right In: -81.476 ± 103.769 χ^2/NDF : 13.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -211.077 ± 95.247 χ^2/NDF : 10.7/15

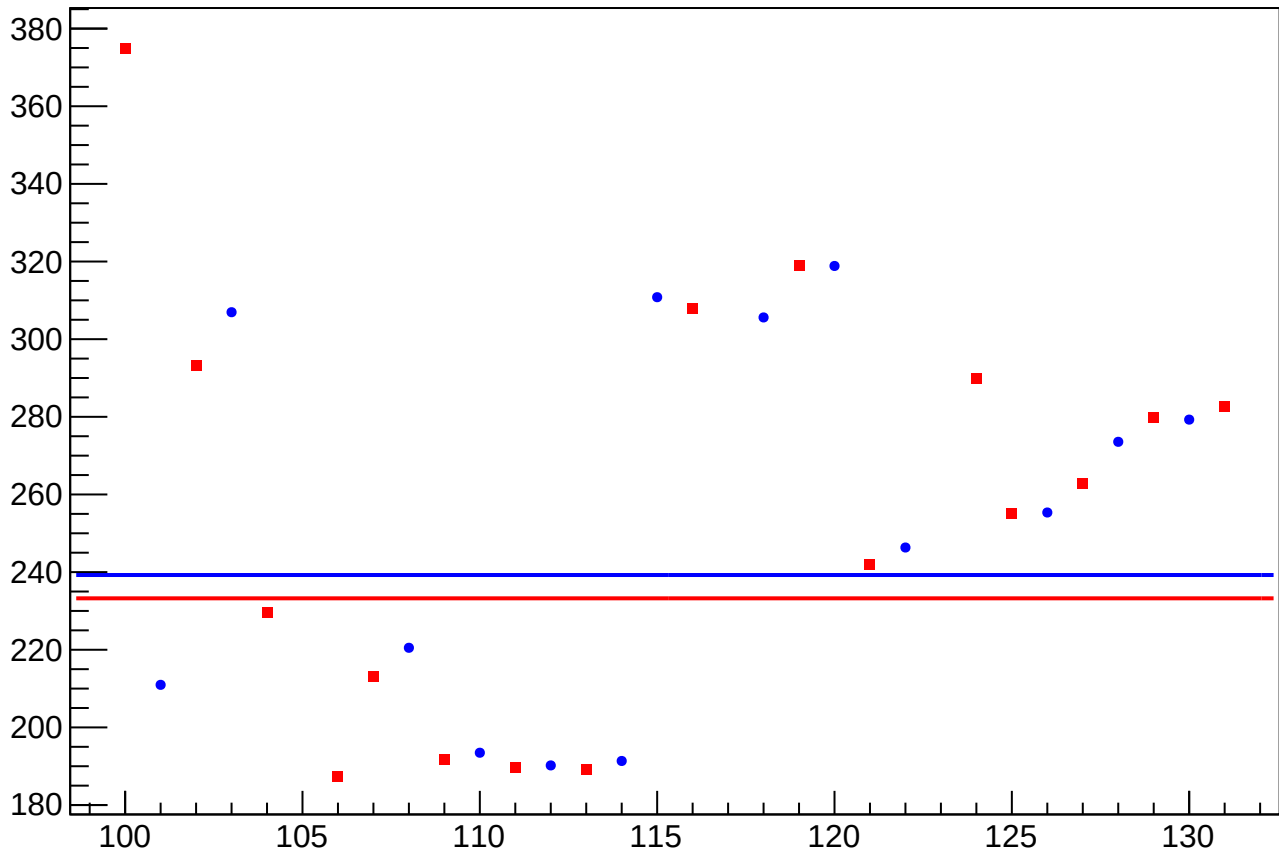
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -151.816 ± 70.169 χ^2/NDF : 24.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_rms vs Slug



Right In: 239.255+/-0.073 χ^2/NDF : 360435.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 233.249+/-0.067 χ^2/NDF : 451738.4/15

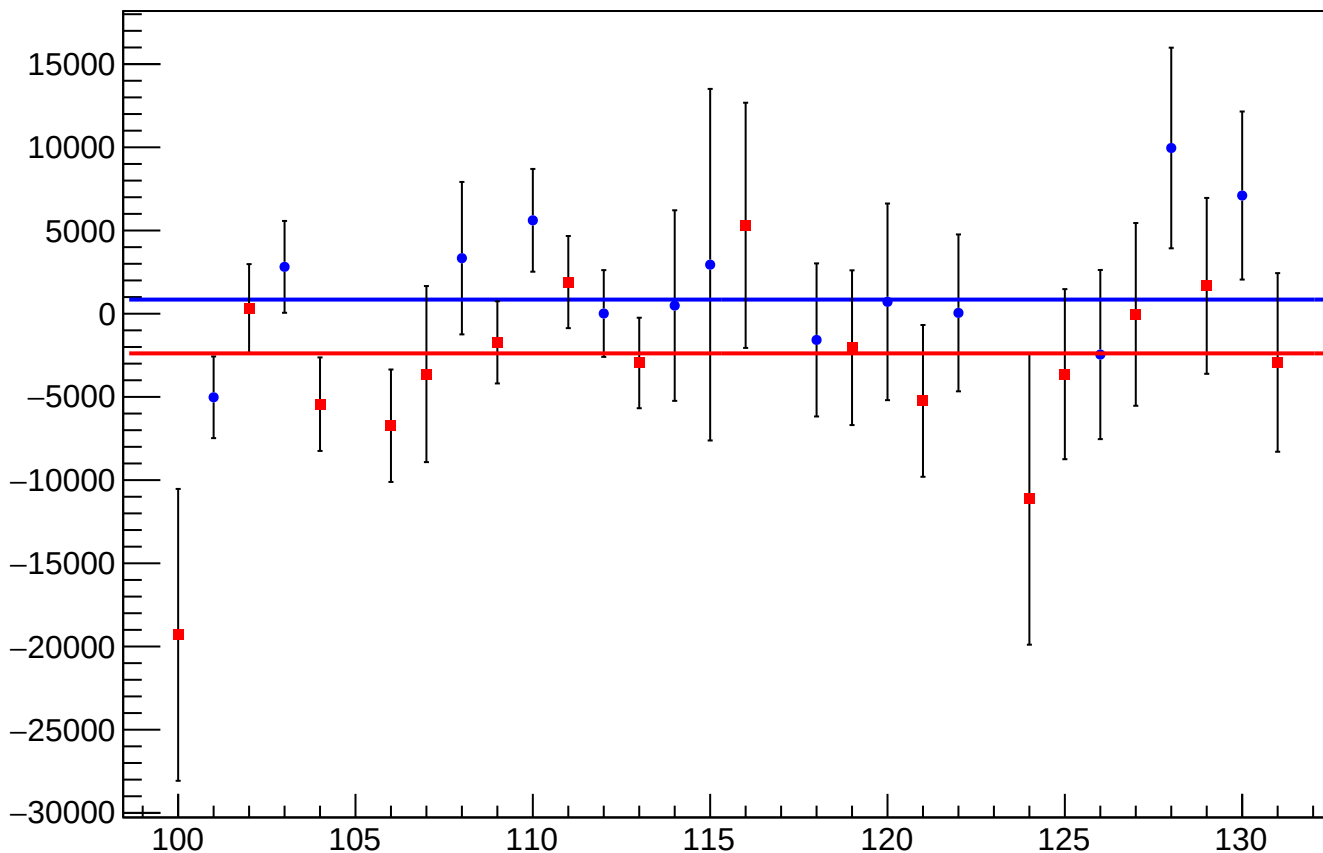
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 235.995+/-0.050 χ^2/NDF : 815810.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_reg_correction_mean vs Slug



Right In: 849.065 $\pm$ 1076.684 χ^2 /NDF: 13.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2384.195 $\pm$ 953.085 χ^2 /NDF: 13.5/15

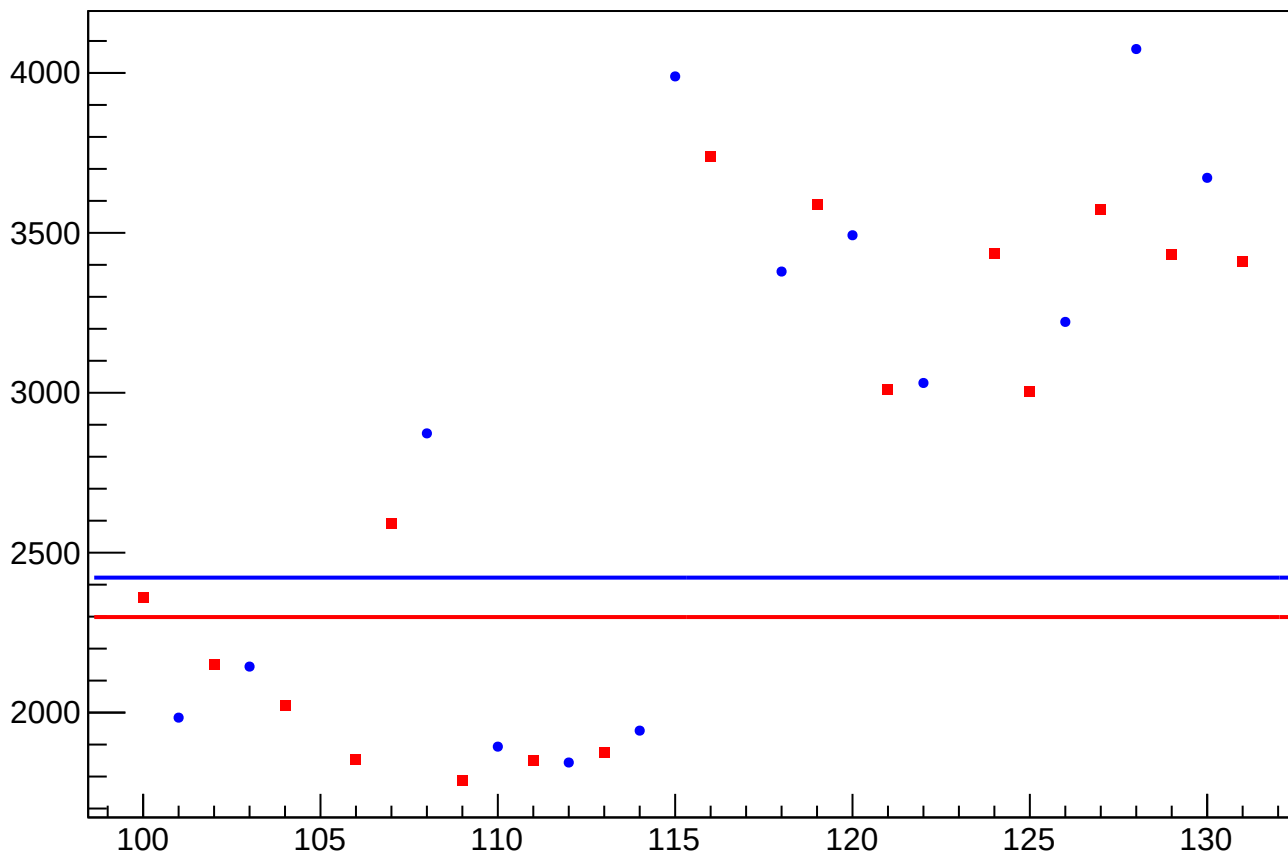
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -963.721 $\pm$ 713.649 χ^2 /NDF: 32.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_reg_correction_rms vs Slug



Right In: 2422.002+/-0.761 χ^2/NDF : 826115.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

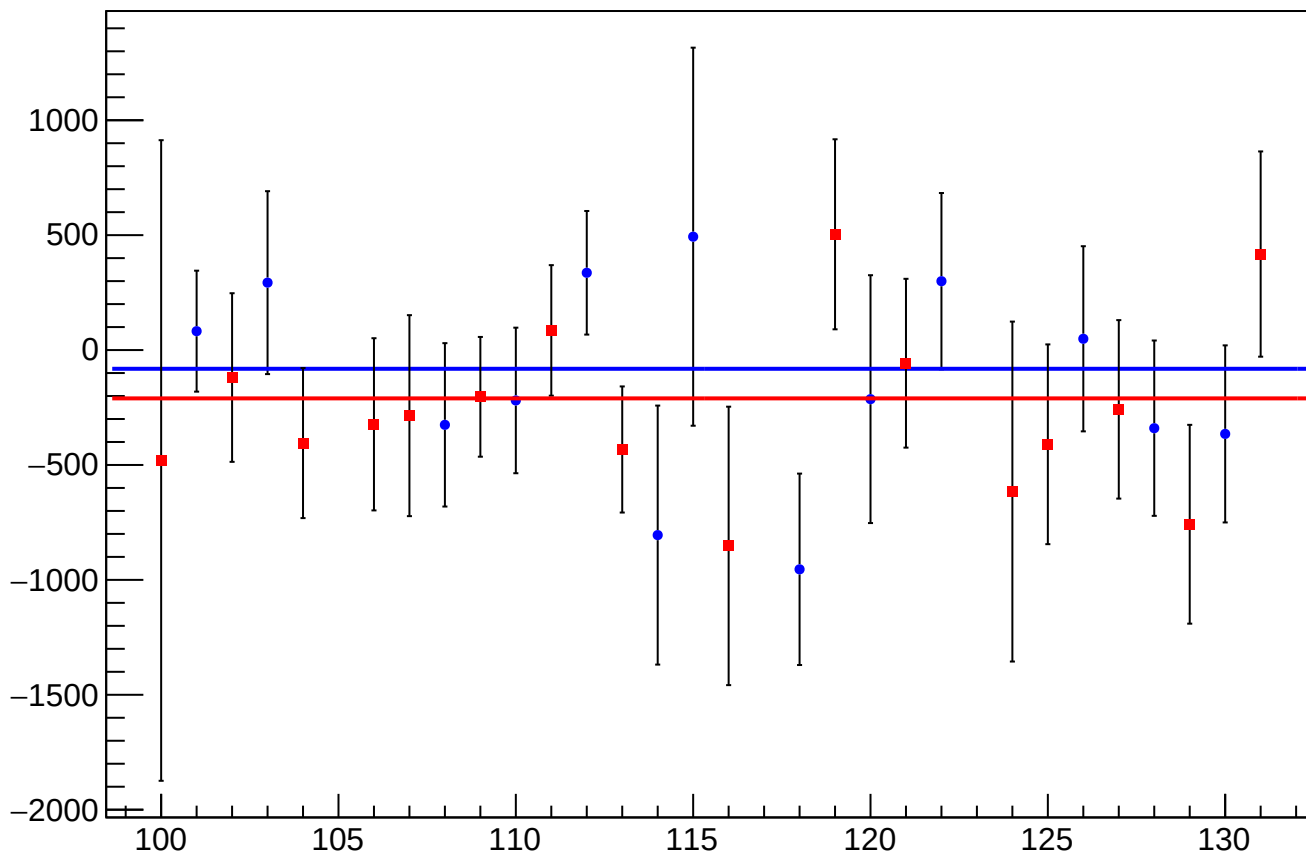
Right Out: 2298.689+/-0.674 χ^2/NDF : 889208.3/15

All: 2352.865+/-0.505 χ^2/NDF : 1730032.8/28

- 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: -81.510 ± 103.769 χ^2/NDF : 13.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -210.302 ± 95.264 χ^2/NDF : 10.7/15

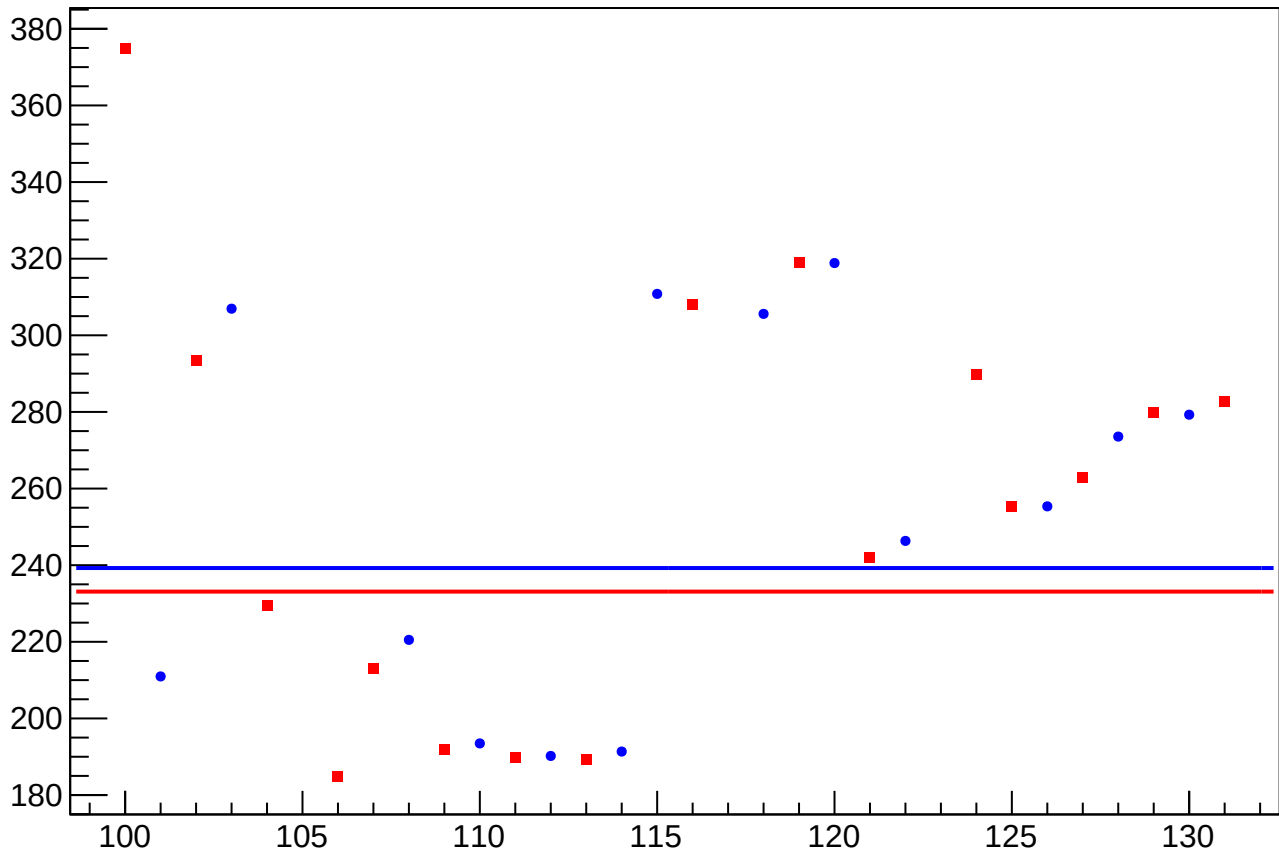
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -151.399 ± 70.176 χ^2/NDF : 24.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam4_rms vs Slug



Right In: 239.255+/-0.073 χ^2/NDF : 360437.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 233.105+/-0.067 χ^2/NDF : 455159.4/15

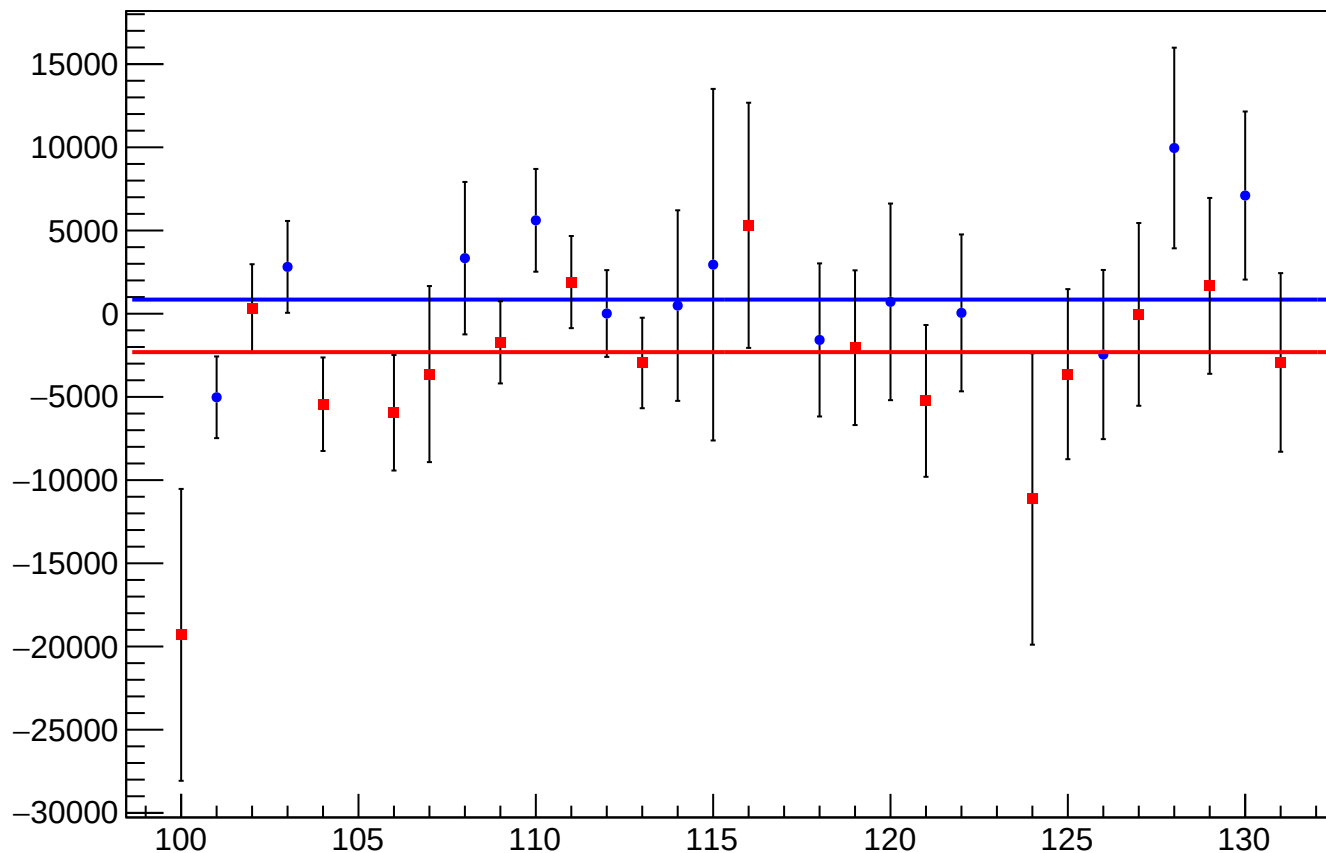
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 235.918+/-0.050 χ^2/NDF : 819409.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_cor_correction_mean vs Slug



Right In: 848.859 ± 1076.696 χ^2/NDF : 13.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2308.537 ± 955.134 χ^2/NDF : 12.9/15

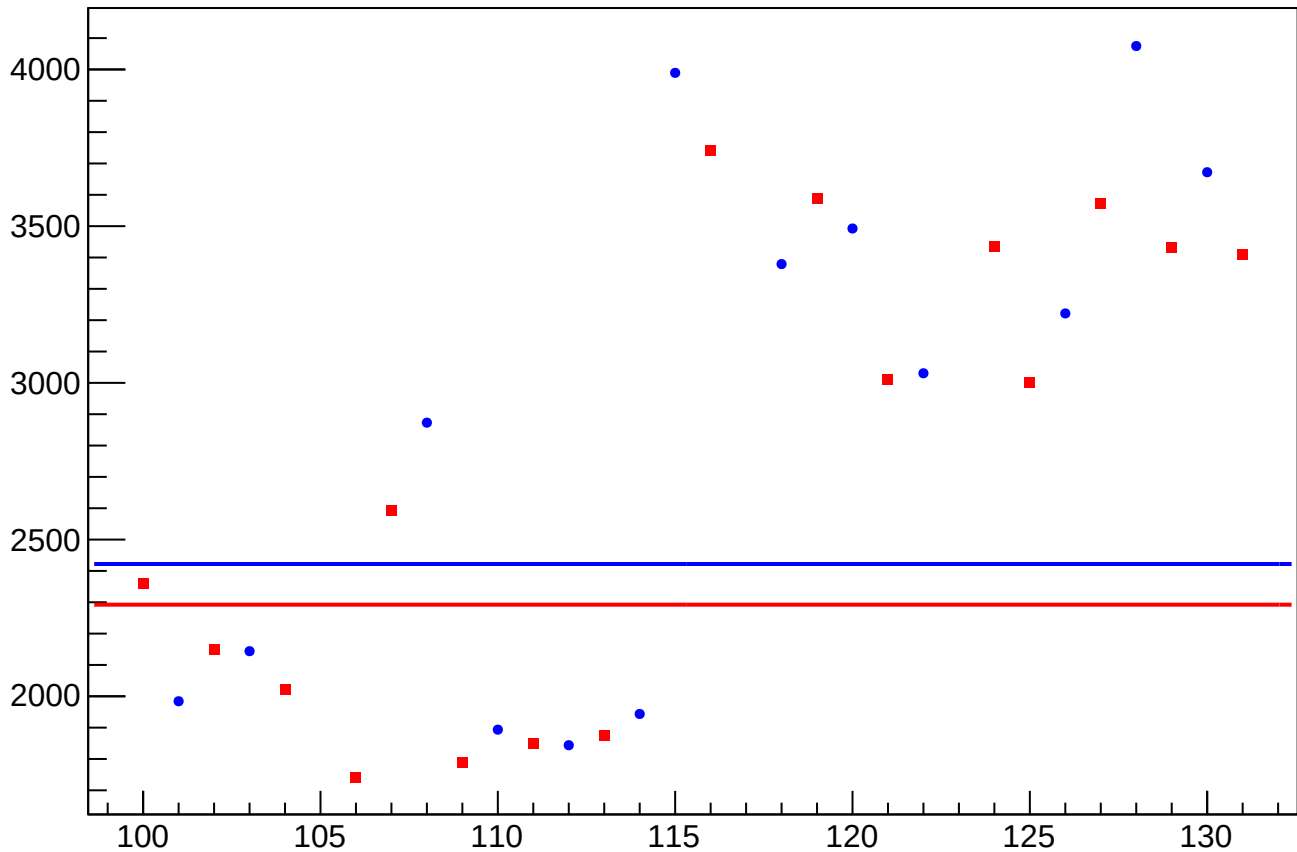
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -918.069 ± 714.511 χ^2/NDF : 31.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam4_cor_correction_rms vs Slug



Right In: 2422.034+/-0.761 χ^2/NDF : 826088.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

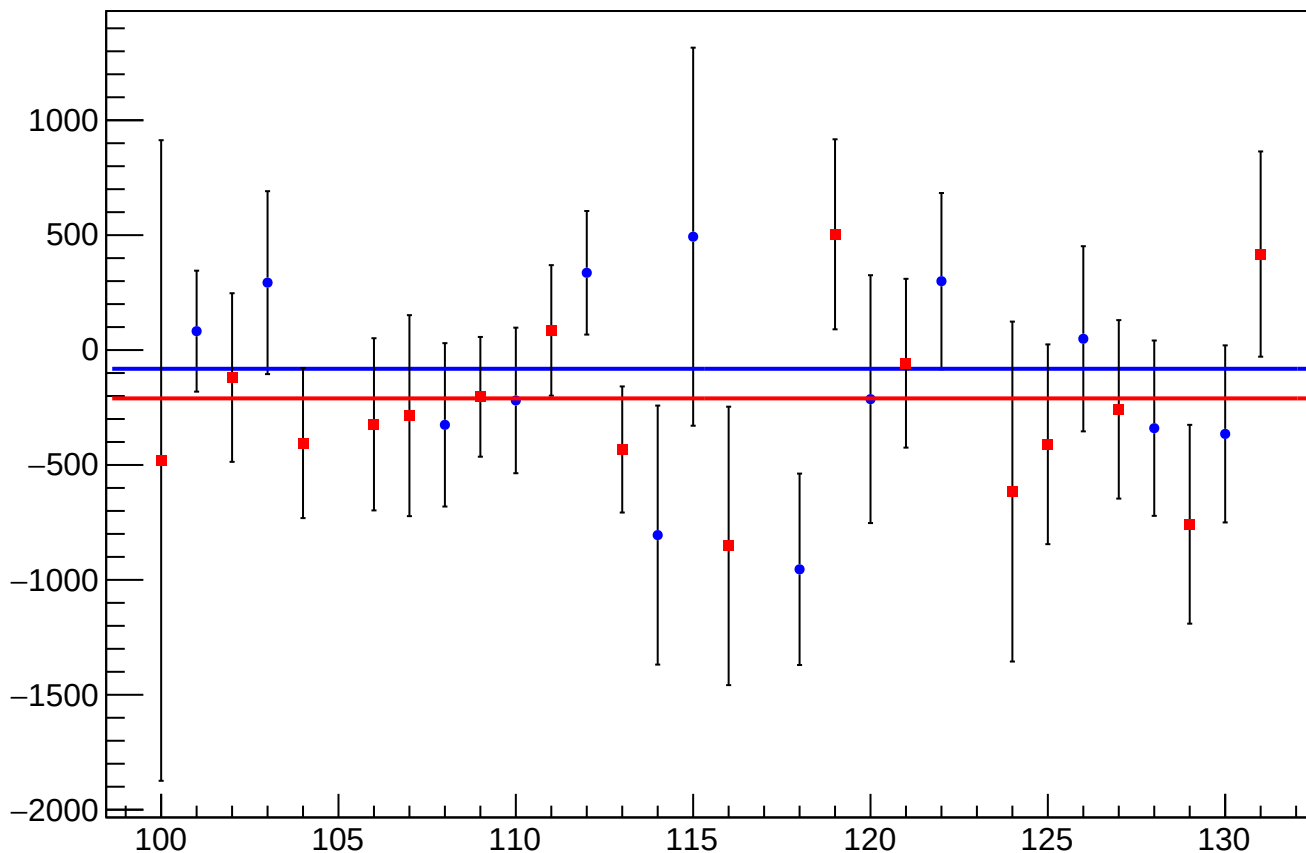
Right Out: 2292.233+/-0.675 χ^2/NDF : 905772.9/15

All: 2349.395+/-0.505 χ^2/NDF : 1748127.4/28

- 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: -81.510 ± 103.769 χ^2/NDF : 13.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -210.302 ± 95.264 χ^2/NDF : 10.7/15

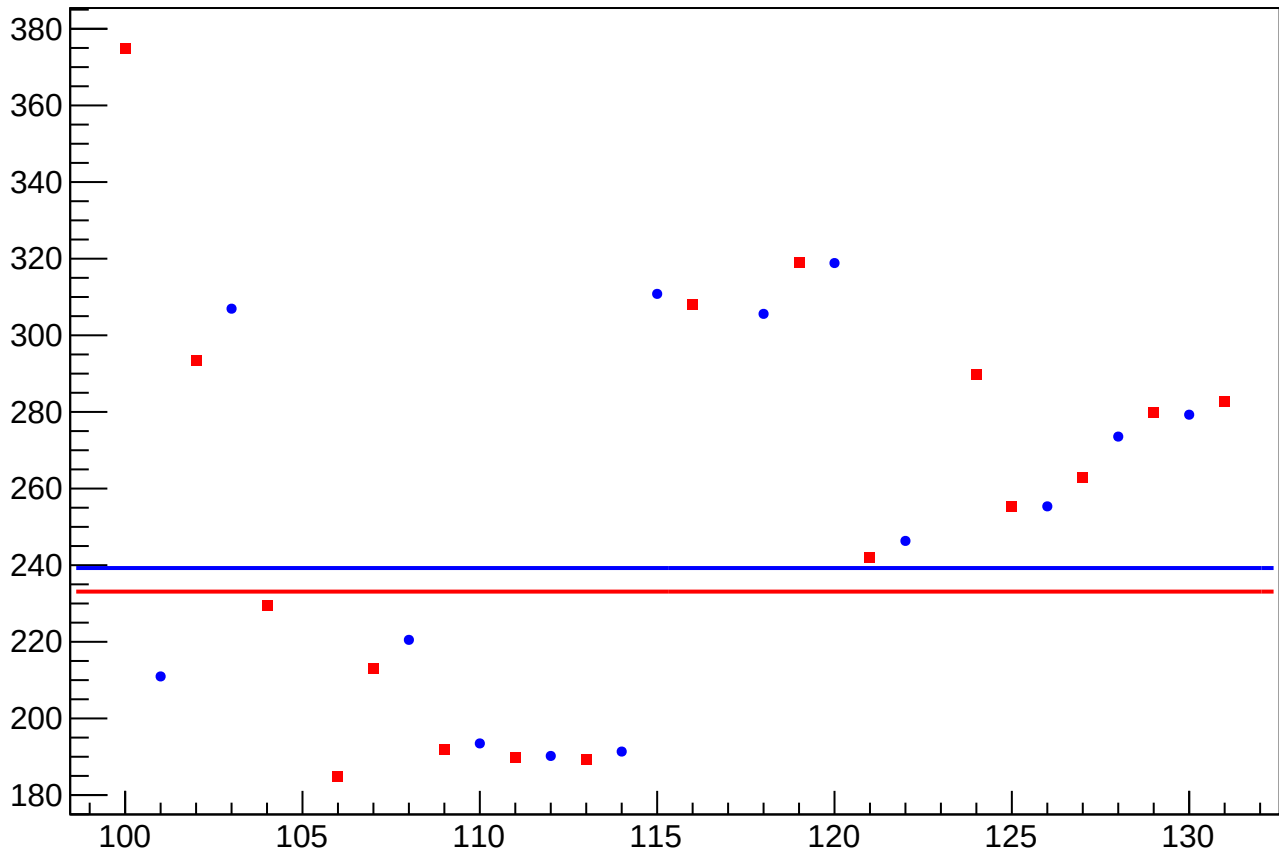
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -151.399 ± 70.176 χ^2/NDF : 24.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam4_rms vs Slug



Right In: 239.255+/-0.073 χ^2/NDF : 360437.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 233.105+/-0.067 χ^2/NDF : 455159.4/15

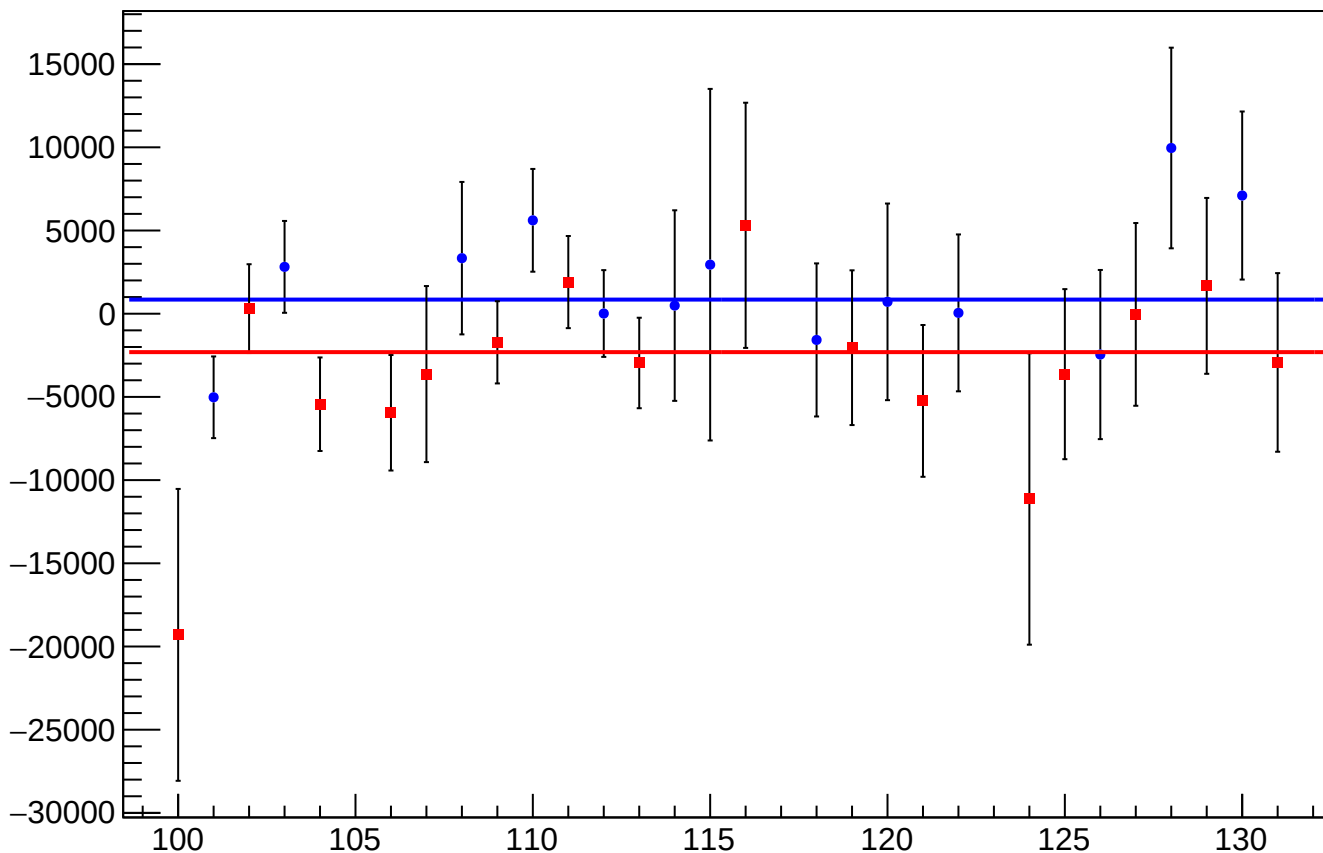
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 235.918+/-0.050 χ^2/NDF : 819409.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_cor_correction_mean vs Slug



Right In: 848.859+/-1076.696 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2308.537+/-955.134 χ^2/NDF : 12.9/15

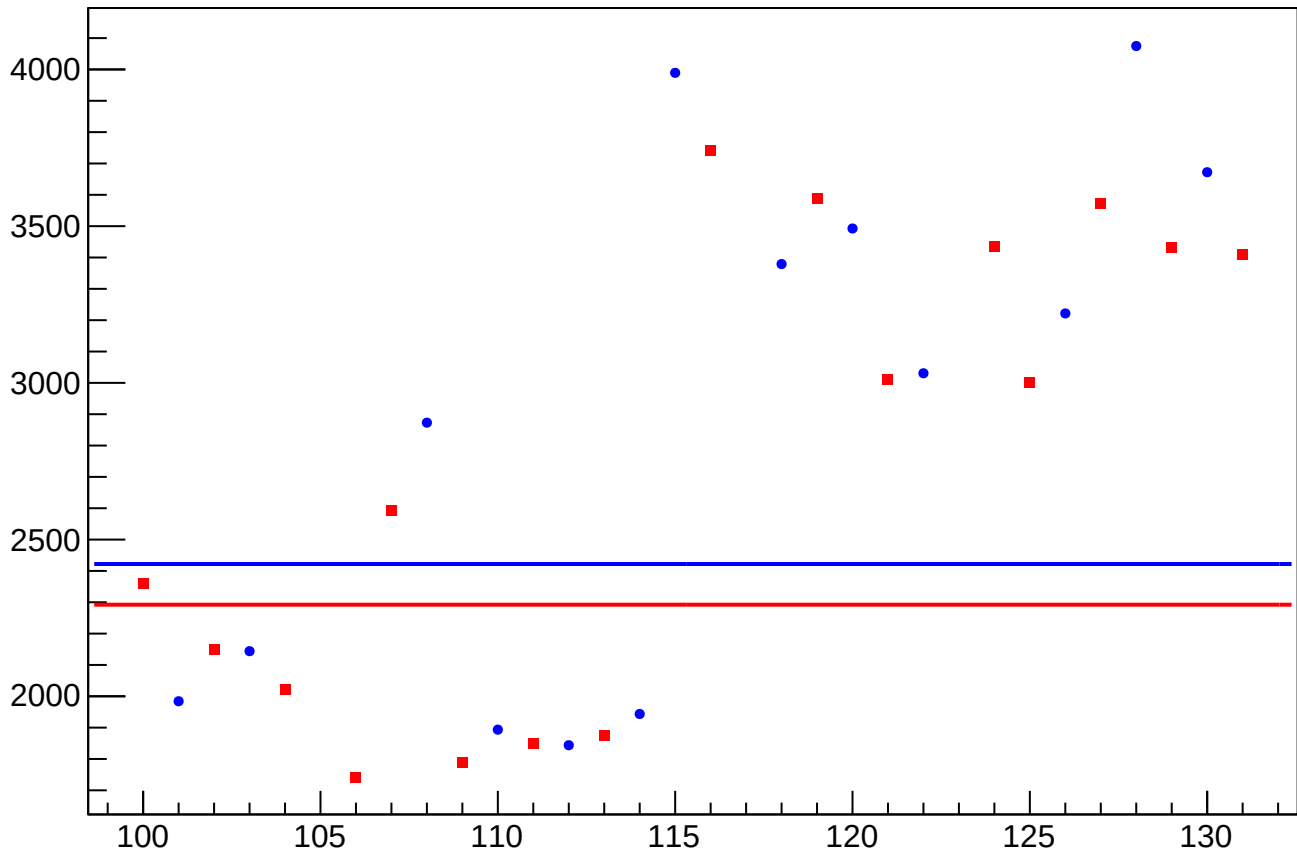
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -918.069+/-714.511 χ^2/NDF : 31.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_cor_correction_rms vs Slug



Right In: 2422.034+/-0.761 χ^2/NDF : 826088.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2292.233+/-0.675 χ^2/NDF : 905772.9/15

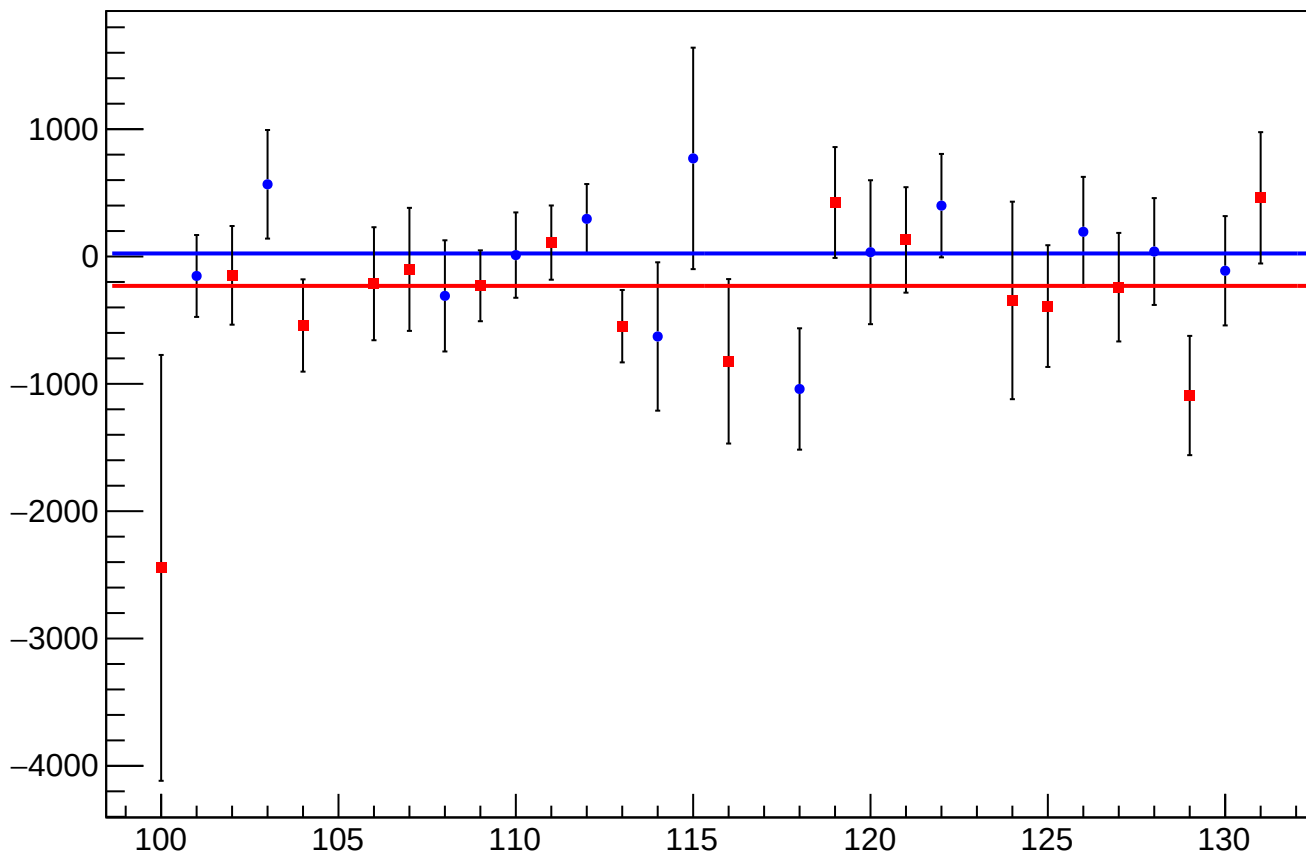
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2349.395+/-0.505 χ^2/NDF : 1748127.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam4_mean vs Slug



Right In: 23.913+/-113.937 χ^2/NDF : 11.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -230.770+/-102.912 χ^2/NDF : 14.4/15

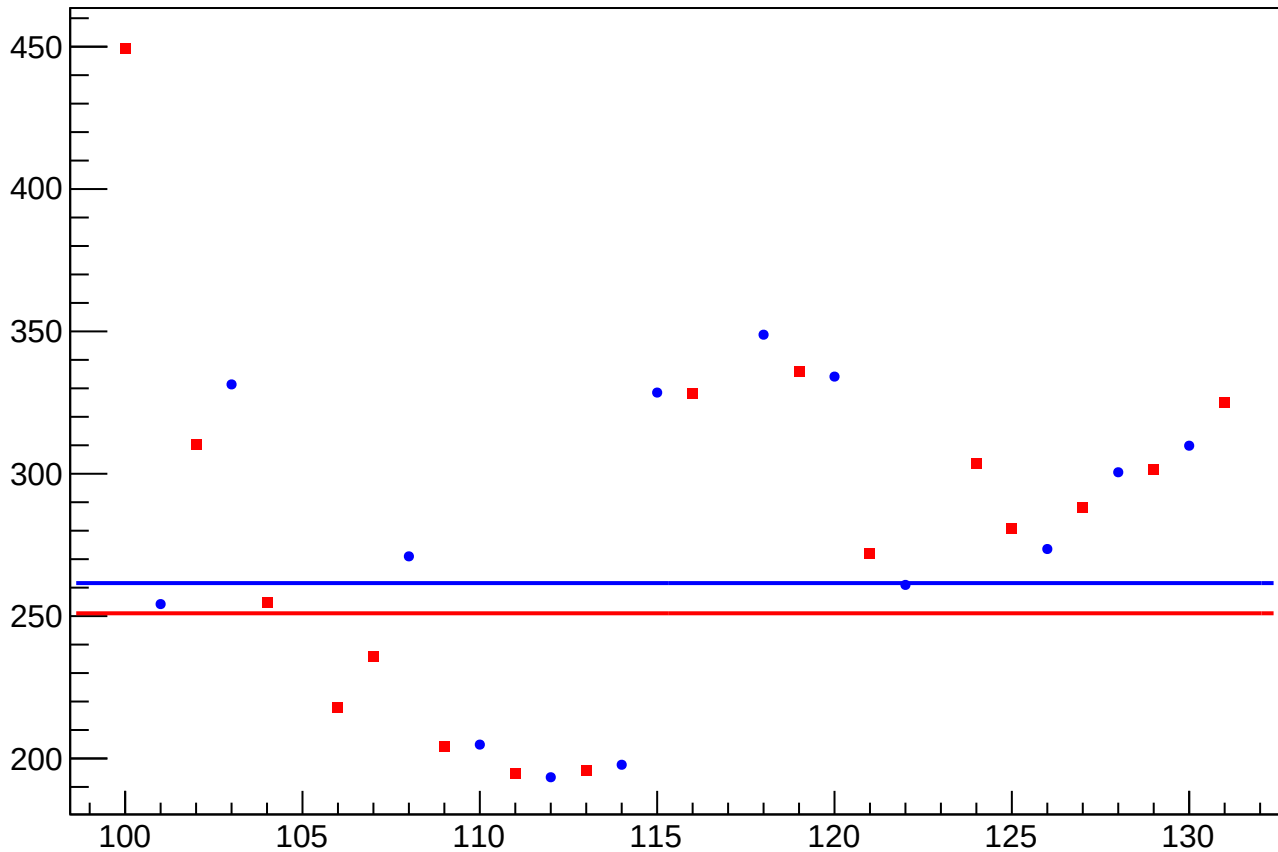
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -116.343+/-76.371 χ^2/NDF : 28.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam4_rms vs Slug



Right In: 261.597 $\pm$ 0.081 χ^2 /NDF: 417080.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 250.990 $\pm$ 0.073 χ^2 /NDF: 501491.5/15

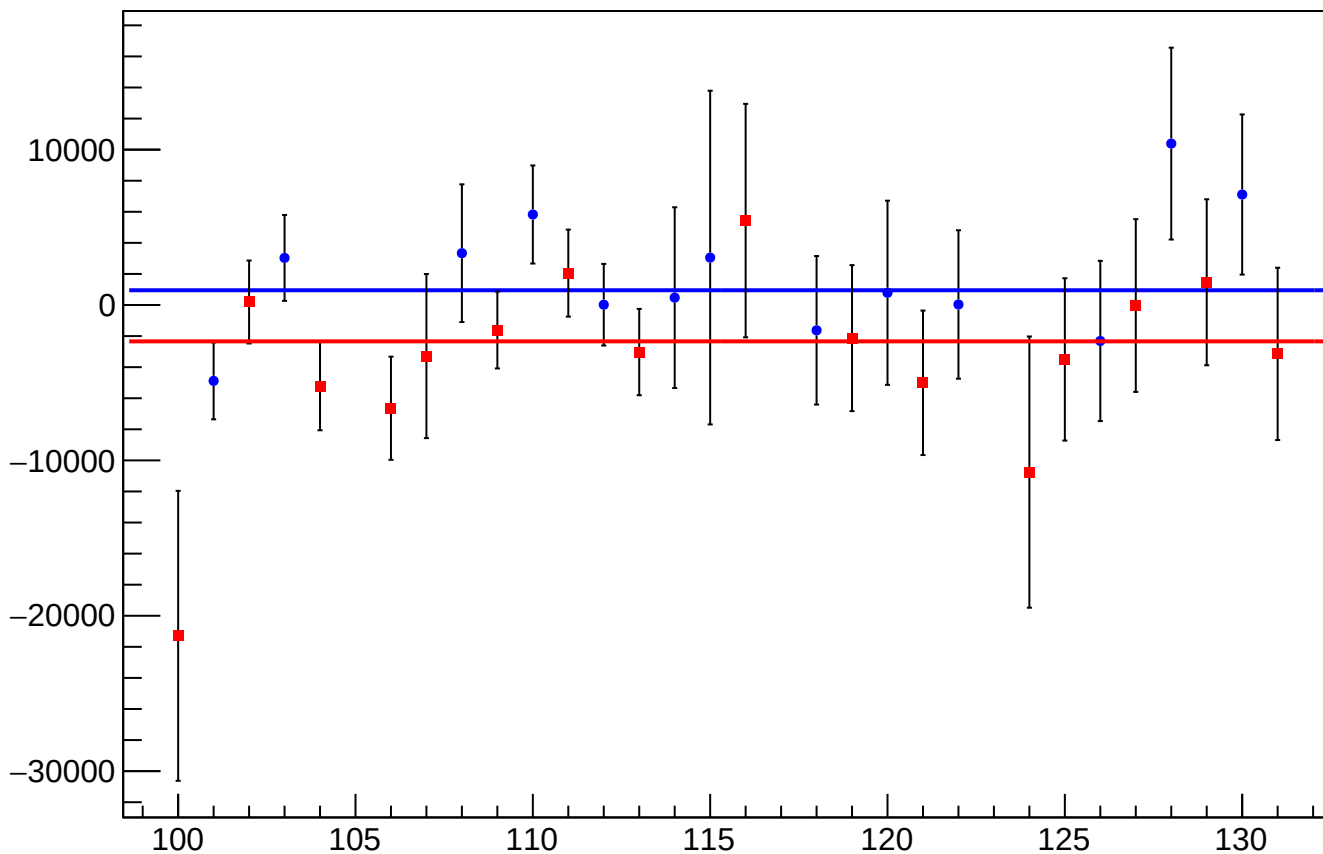
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 255.756 $\pm$ 0.054 χ^2 /NDF: 928118.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_dit_correction_mean vs Slug



Right In: 950.107 ± 1086.939 χ^2/NDF : 13.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2339.082 ± 961.535 χ^2/NDF : 13.4/15

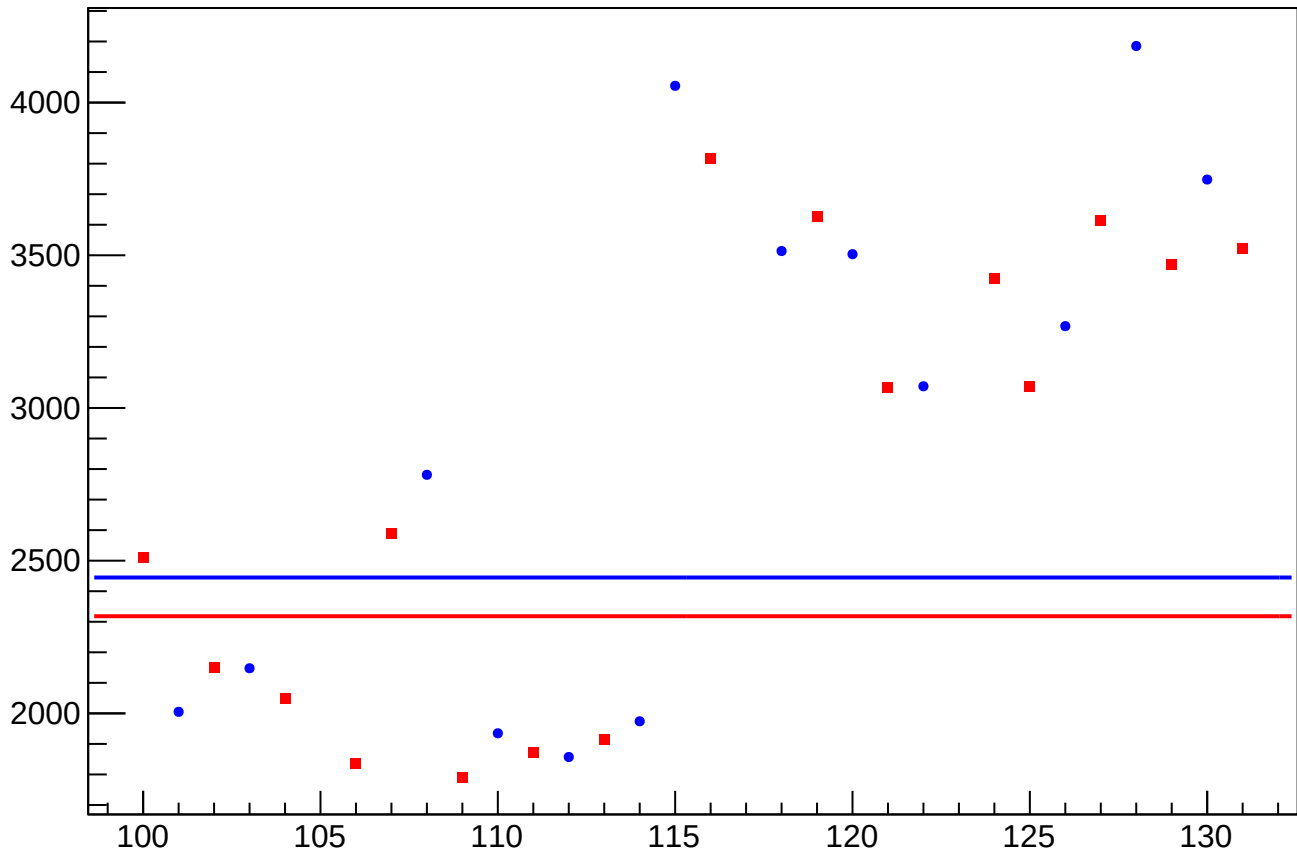
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -895.095 ± 720.183 χ^2/NDF : 32.1/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam4_dit_correction_rms vs Slug



Right In: 2444.909+/-0.769 χ^2/NDF : 844197.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

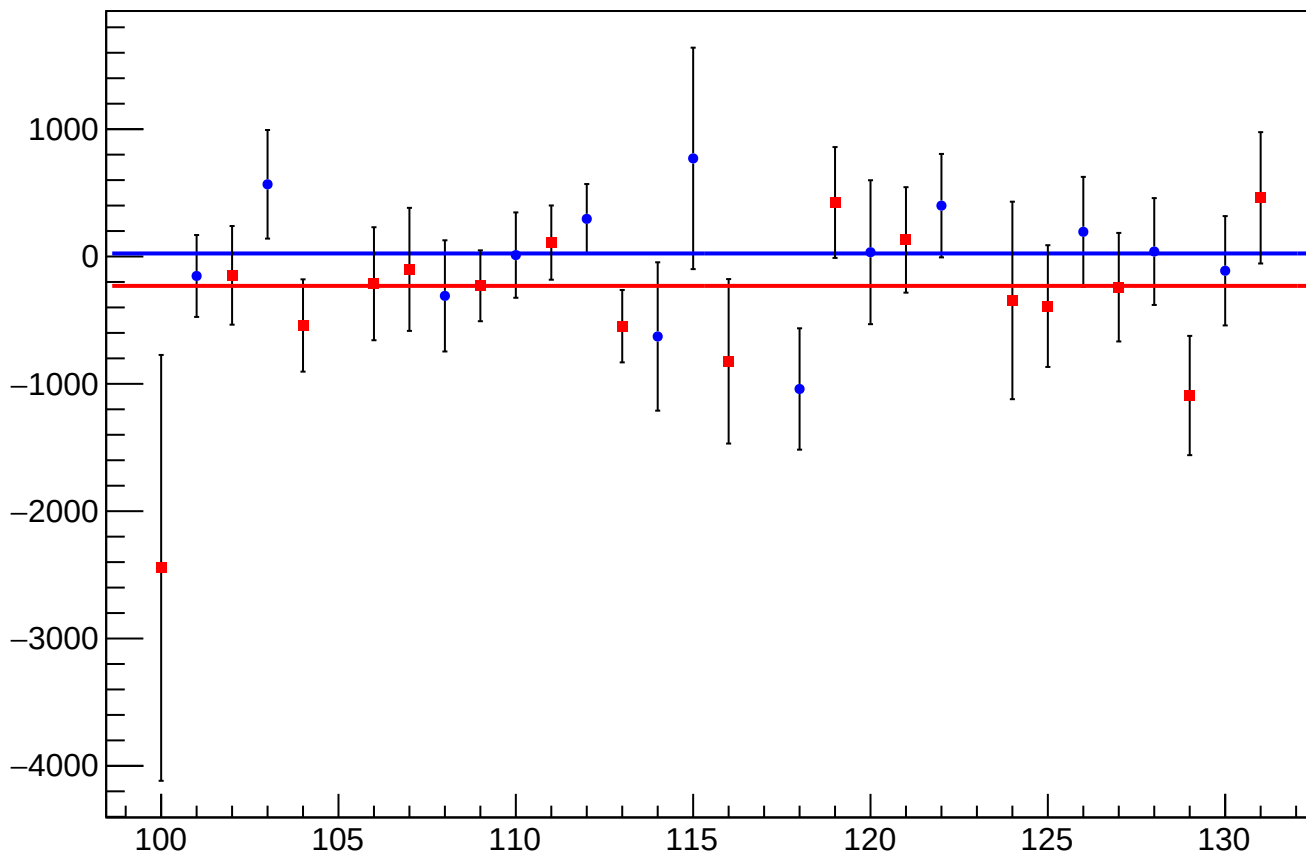
Right Out: 2318.085+/-0.680 χ^2/NDF : 913865.5/15

All: 2373.762+/-0.509 χ^2/NDF : 1773338.2/28

- 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: 23.913 $\pm$ 113.937 χ^2 /NDF: 11.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -230.769 $\pm$ 102.912 χ^2 /NDF: 14.4/15

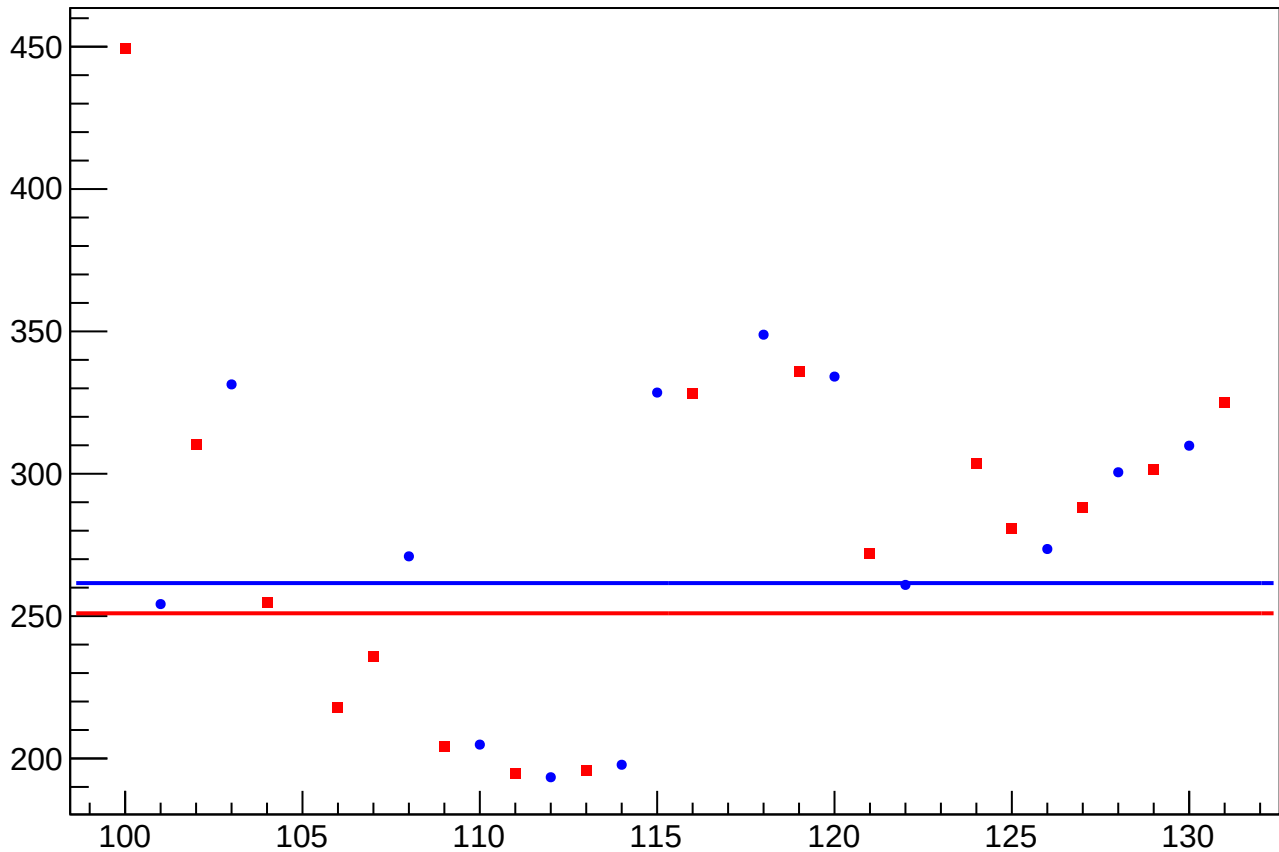
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -116.342 $\pm$ 76.371 χ^2 /NDF: 28.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam4_rms vs Slug



Right In: 261.597 $\pm$ 0.081 χ^2 /NDF: 417085.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 250.990 $\pm$ 0.073 χ^2 /NDF: 501493.5/15

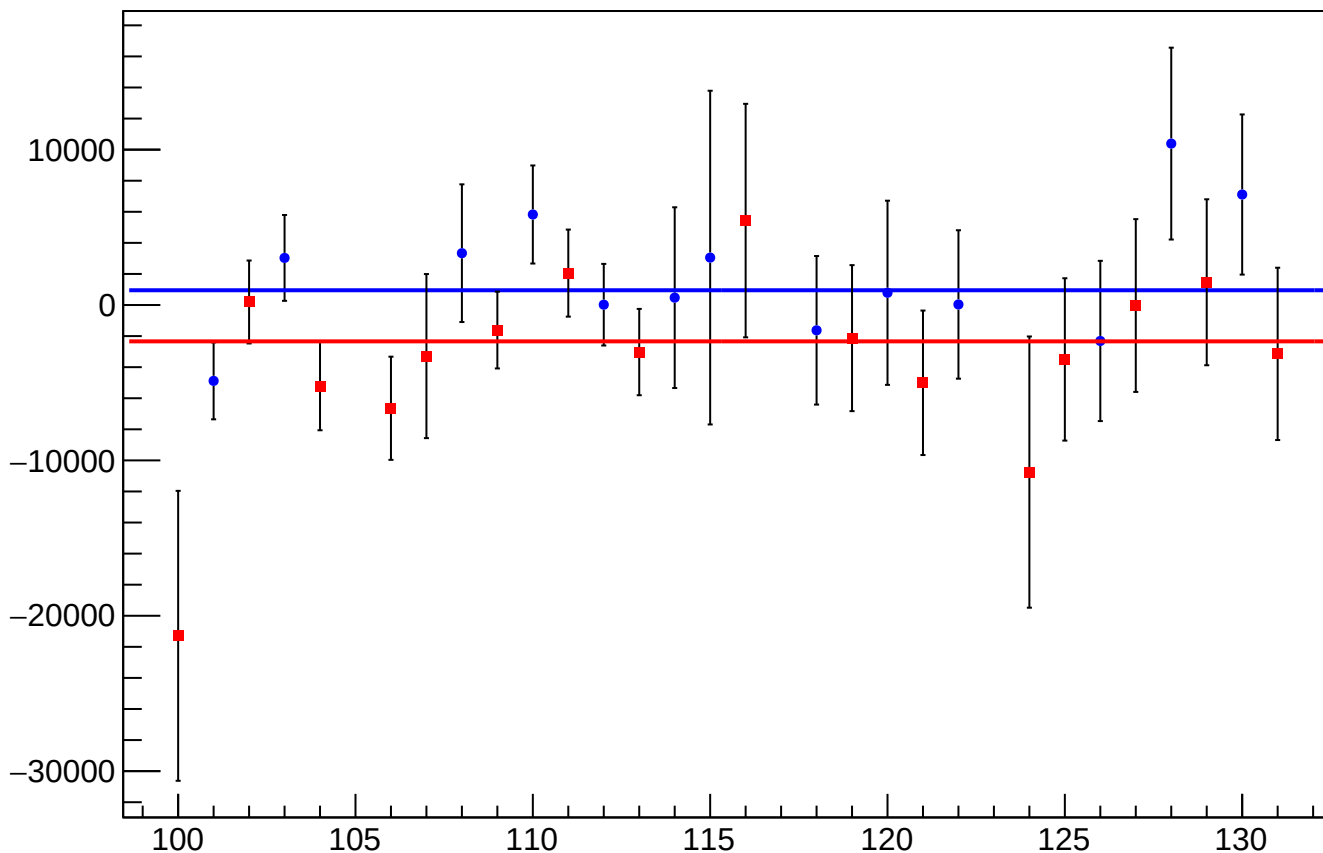
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 255.756 $\pm$ 0.054 χ^2 /NDF: 928125.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_dit_correction_mean vs Slug



Right In: 950.107 ± 1086.939 χ^2/NDF : 13.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2339.080 ± 961.535 χ^2/NDF : 13.4/15

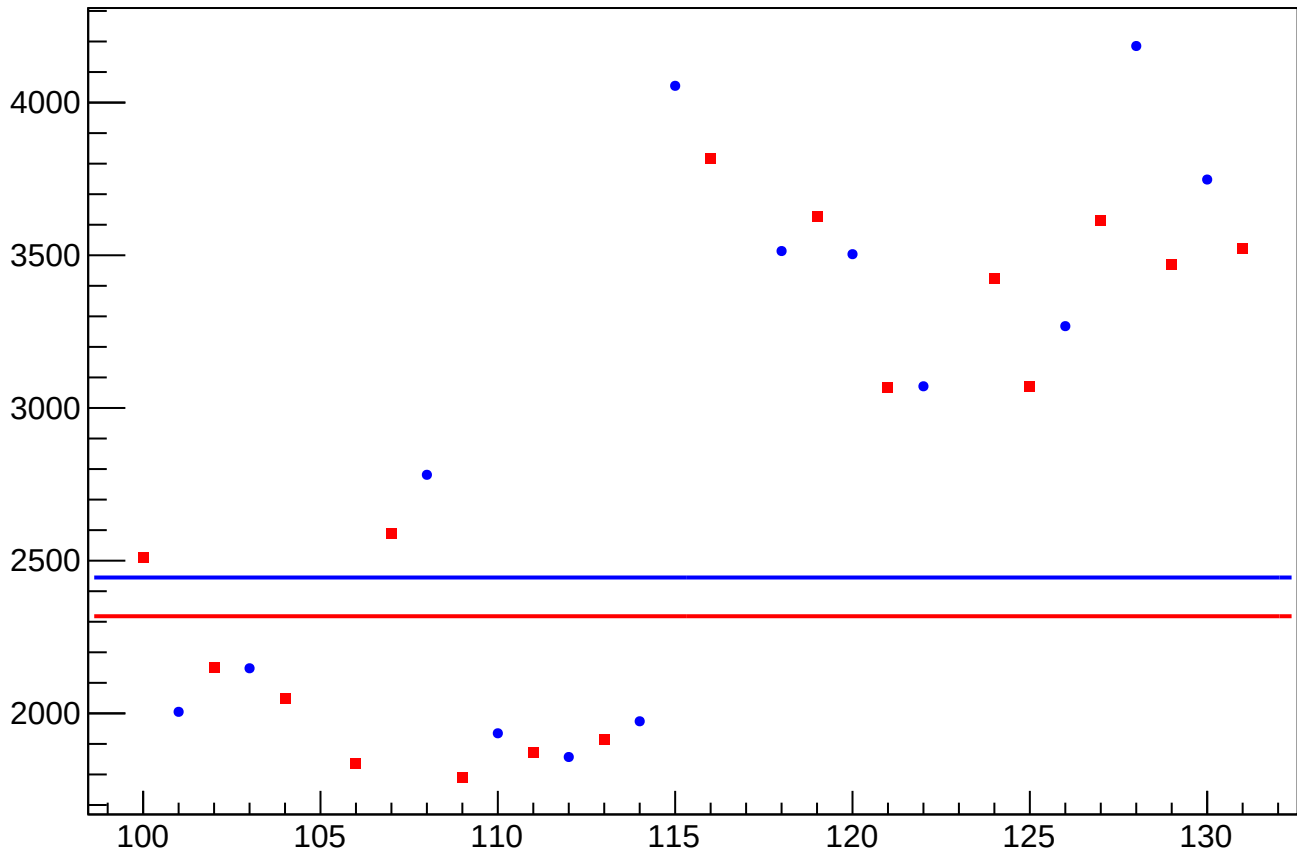
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -895.094 ± 720.182 χ^2/NDF : 32.1/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_dit_correction_rms vs Slug



Right In: 2444.908+/-0.769 χ^2/NDF : 844201.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

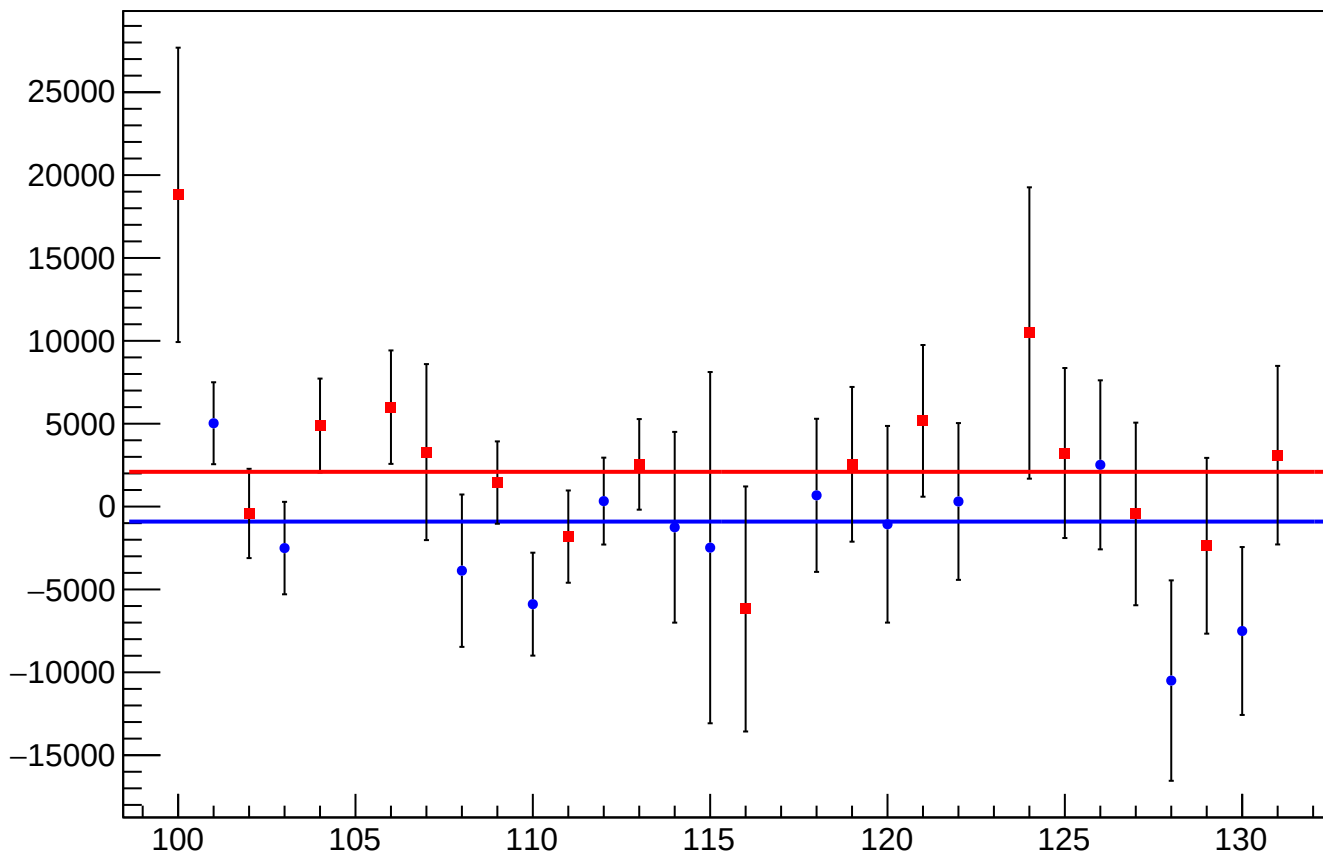
Right Out: 2318.083+/-0.680 χ^2/NDF : 913868.4/15

All: 2373.761+/-0.509 χ^2/NDF : 1773344.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_mean vs Slug



Right In: -905.387+/-1082.958 χ^2/NDF : 14.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2096.472+/-959.223 χ^2/NDF : 12.4/15

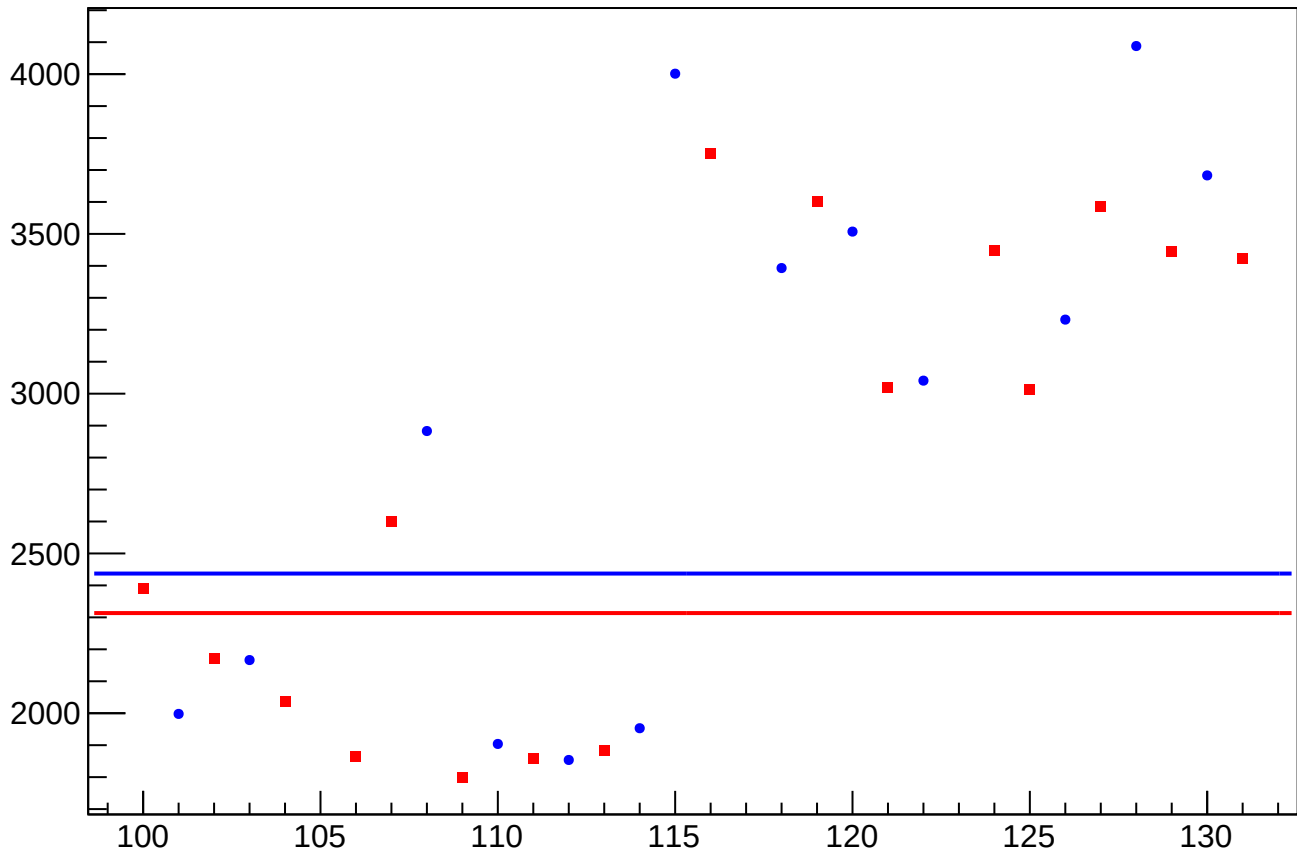
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 776.759+/-718.053 χ^2/NDF : 30.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_rms vs Slug



Right In: 2437.084+/-0.766 χ^2/NDF : 818579.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

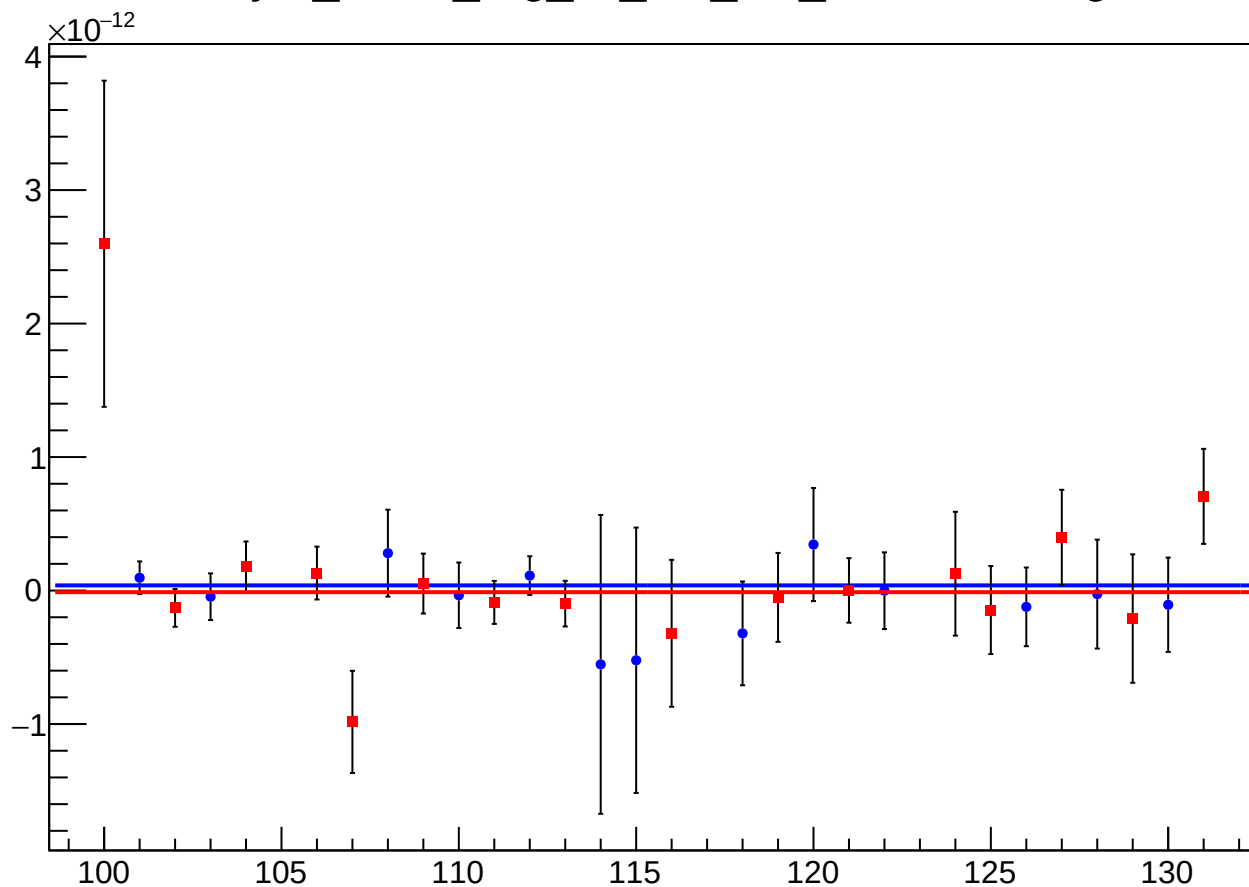
Right Out: 2313.418+/-0.678 χ^2/NDF : 881913.3/15

All: 2367.785+/-0.508 χ^2/NDF : 1715106.9/28

- 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: 3.8/12

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

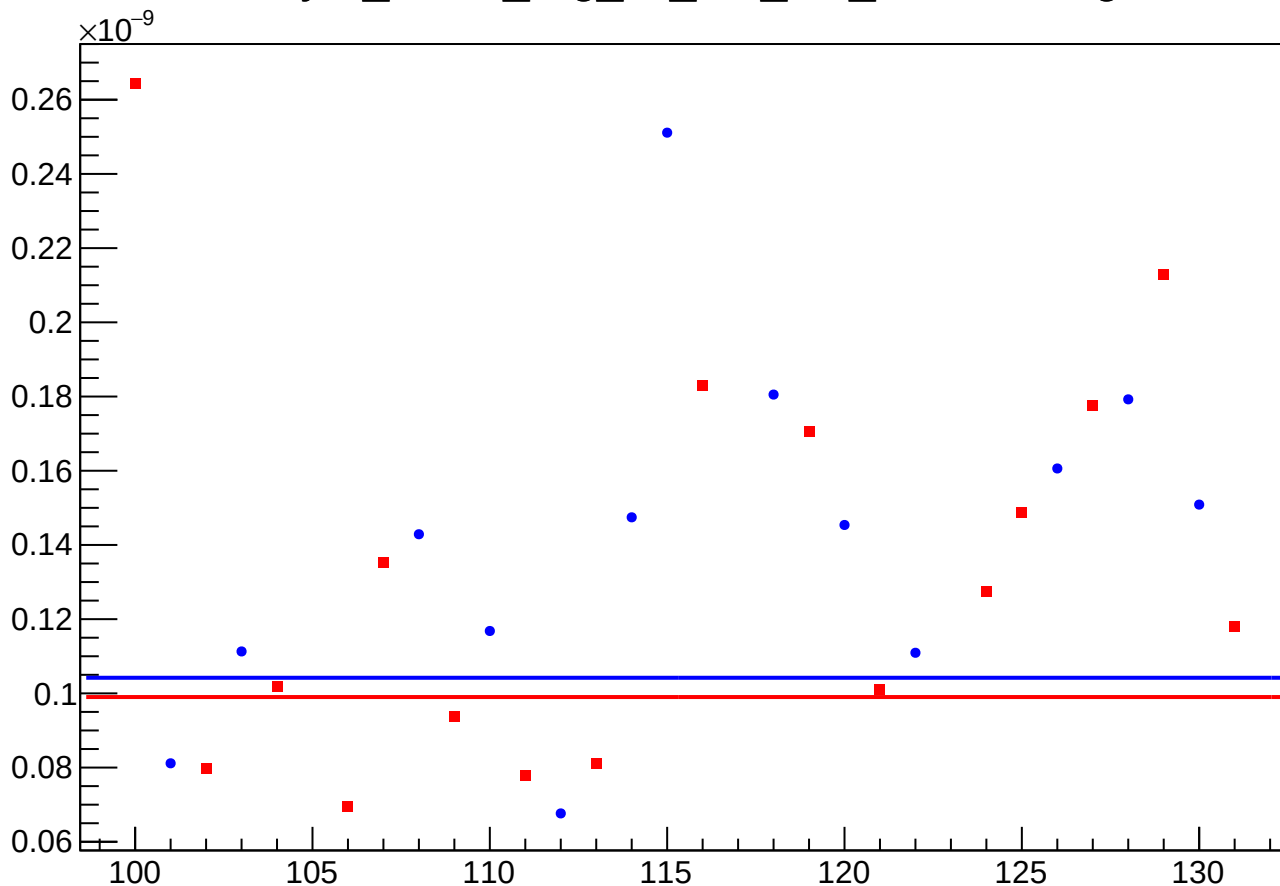
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 24.1/28

- 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: 554762.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 600344.2/15

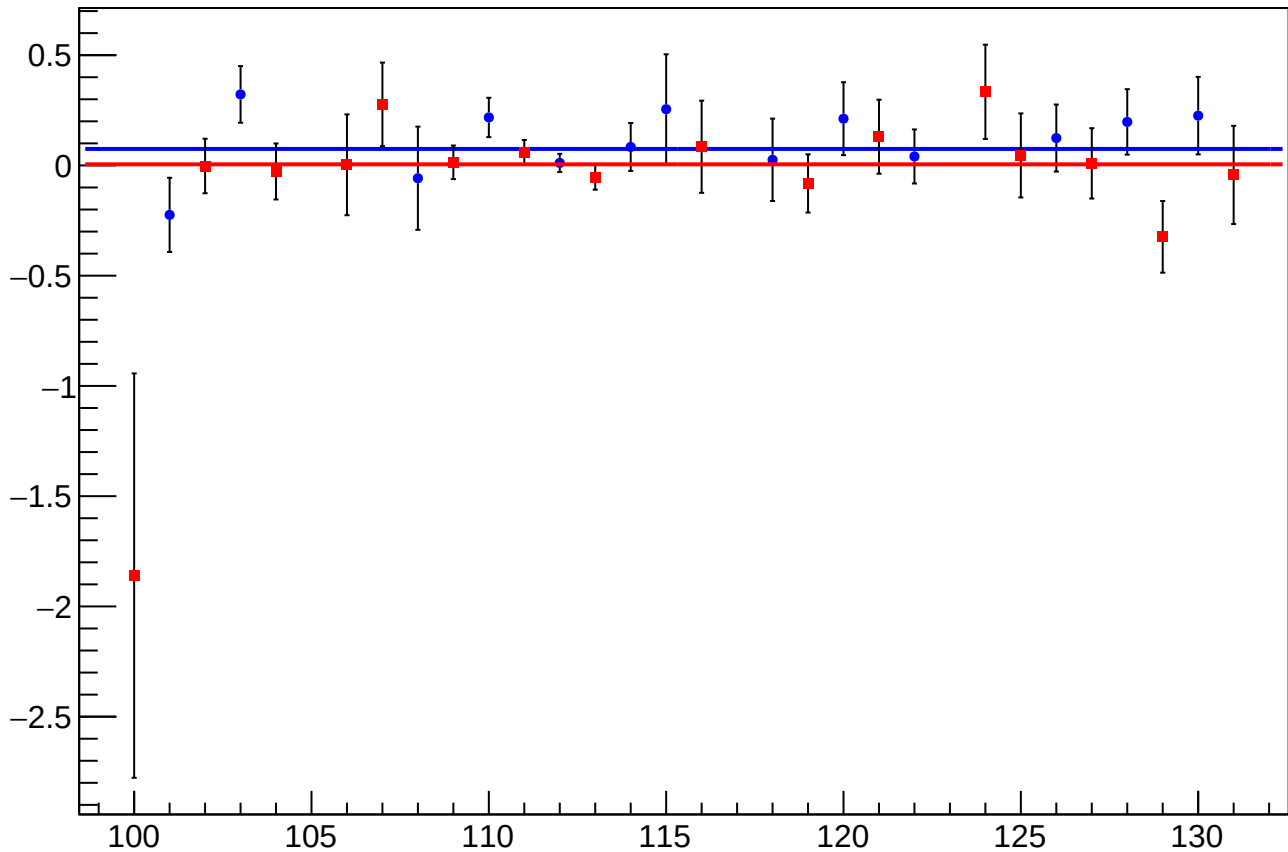
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1161704.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_dit_vs_cor_diff_mean vs Slug



Right In: 0.075 $\pm$ 0.029 χ^2 /NDF: 15.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.005 $\pm$ 0.028 χ^2 /NDF: 16.1/15

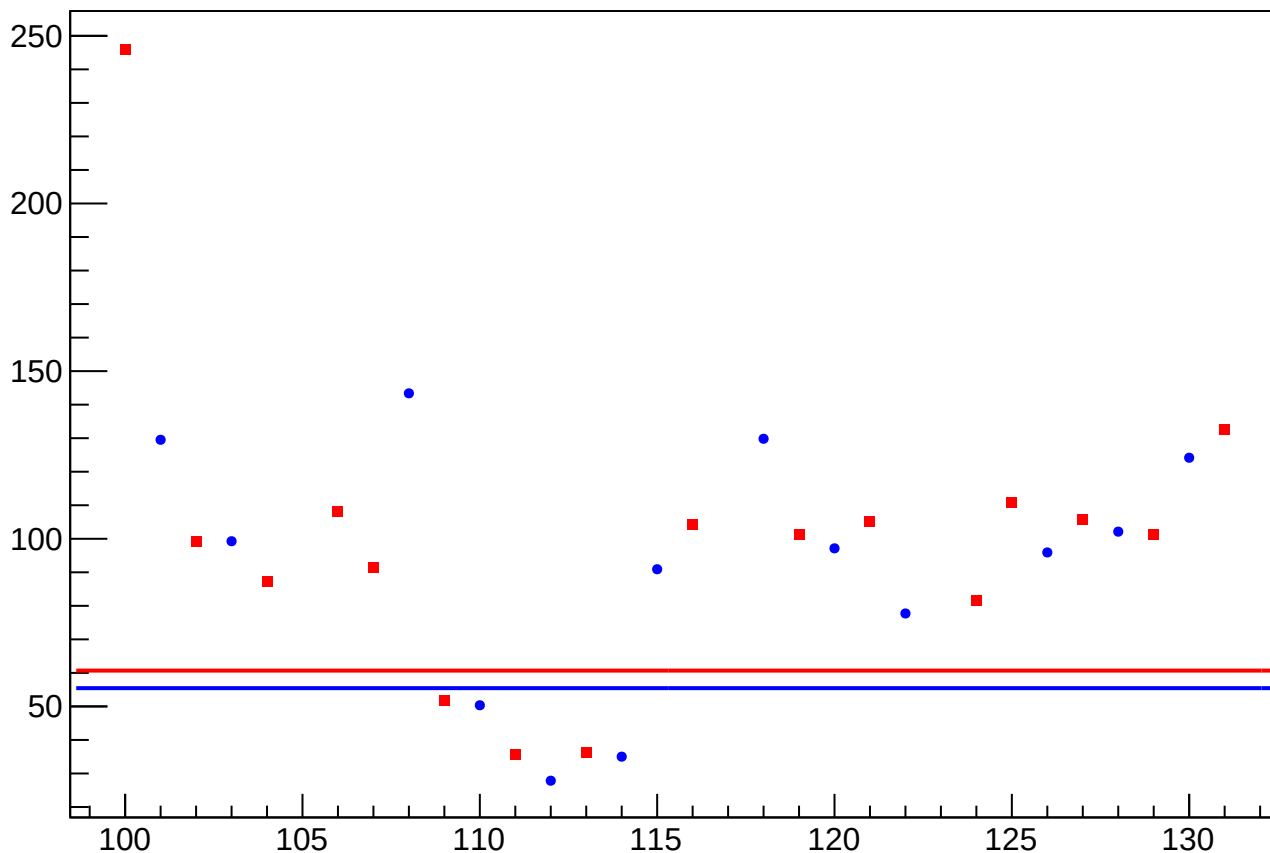
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.039 $\pm$ 0.020 χ^2 /NDF: 34.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_dit_vs_cor_diff_rms vs Slug



Right In: 55.452+/-0.021 χ^2/NDF : 3075473.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.686+/-0.020 χ^2/NDF : 2395409.3/15

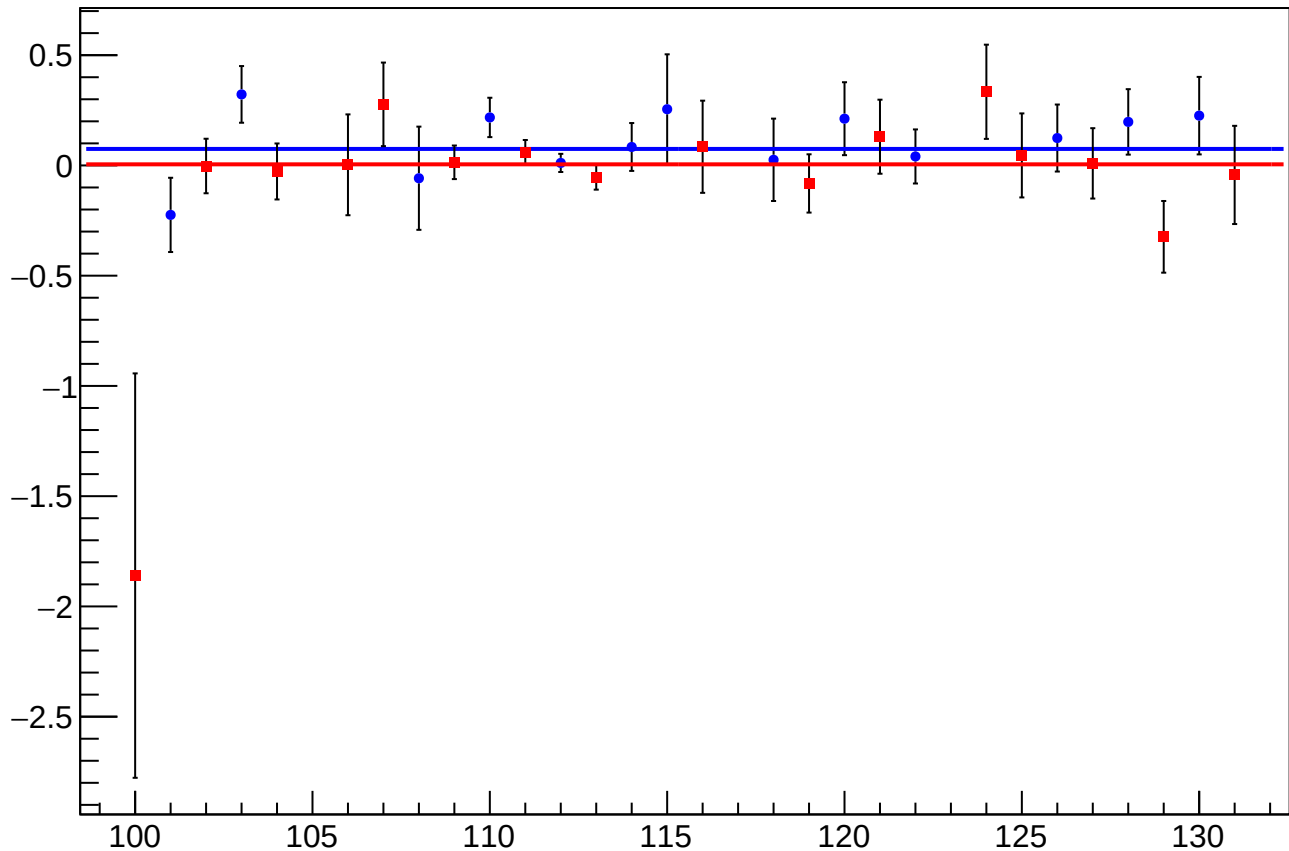
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.152+/-0.014 χ^2/NDF : 5504345.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.075 $\pm$ 0.029 χ^2 /NDF: 15.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.005 $\pm$ 0.028 χ^2 /NDF: 16.1/15

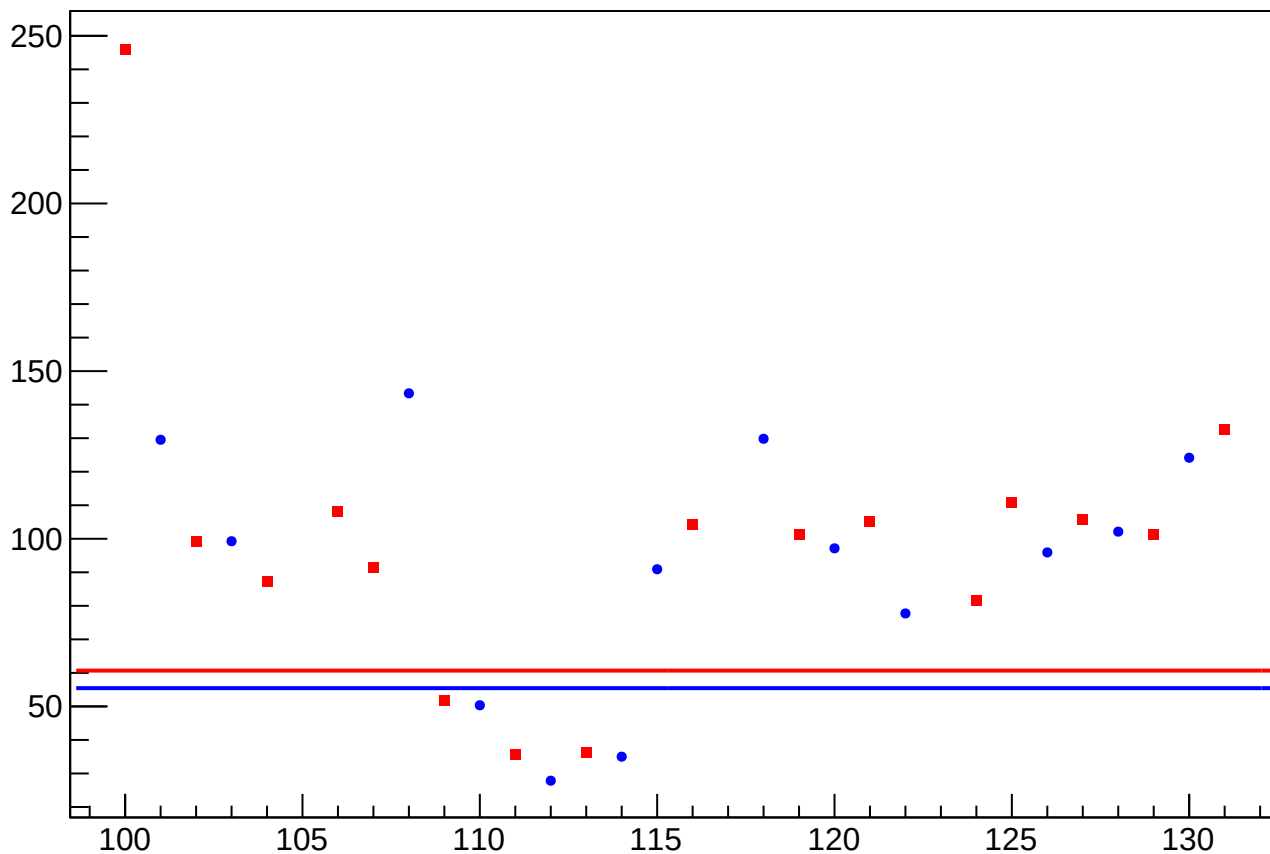
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.039 $\pm$ 0.020 χ^2 /NDF: 34.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 55.452+/-0.021 χ^2/NDF : 3075473.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.686+/-0.020 χ^2/NDF : 2395409.3/15

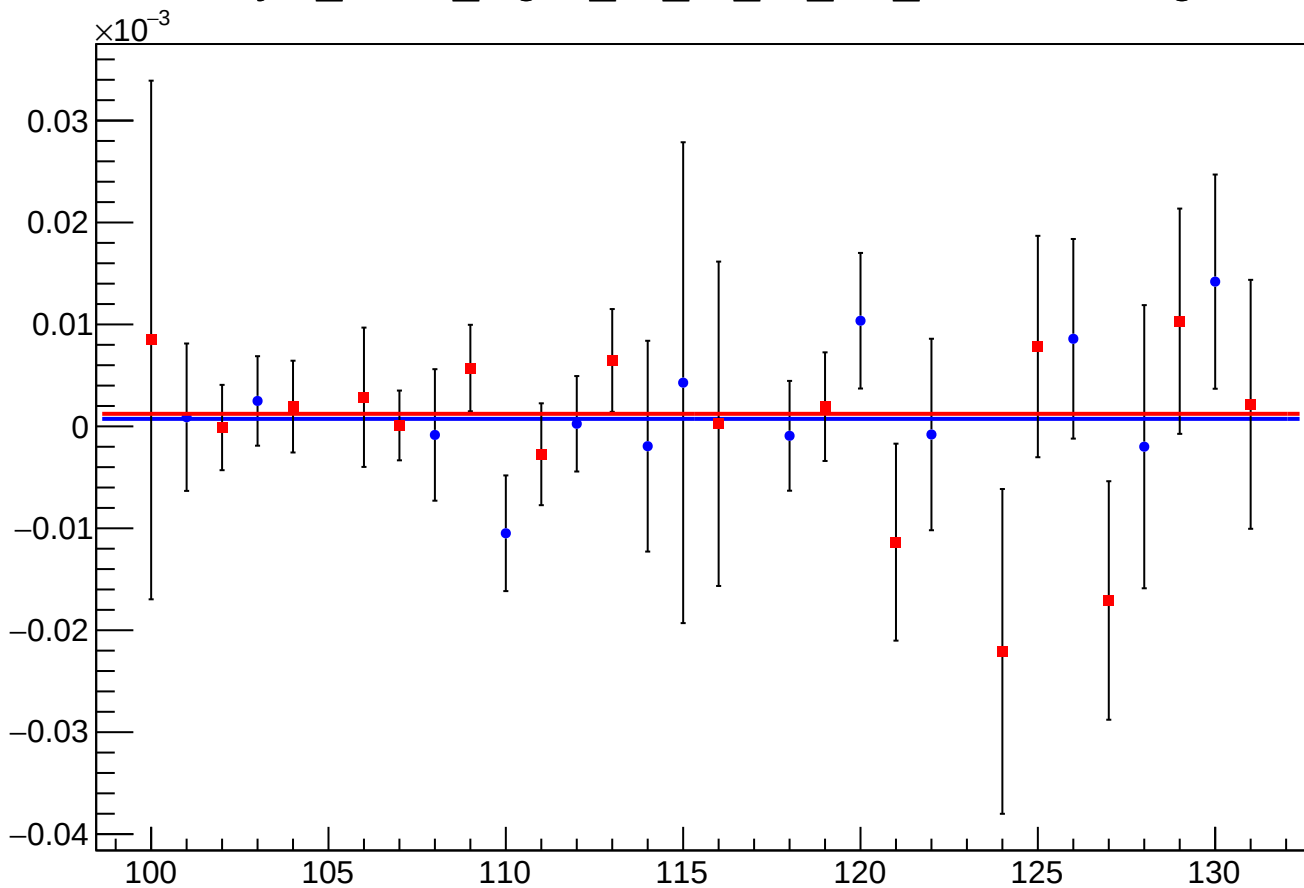
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.152+/-0.014 χ^2/NDF : 5504345.6/28

- 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: 8.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.6/15

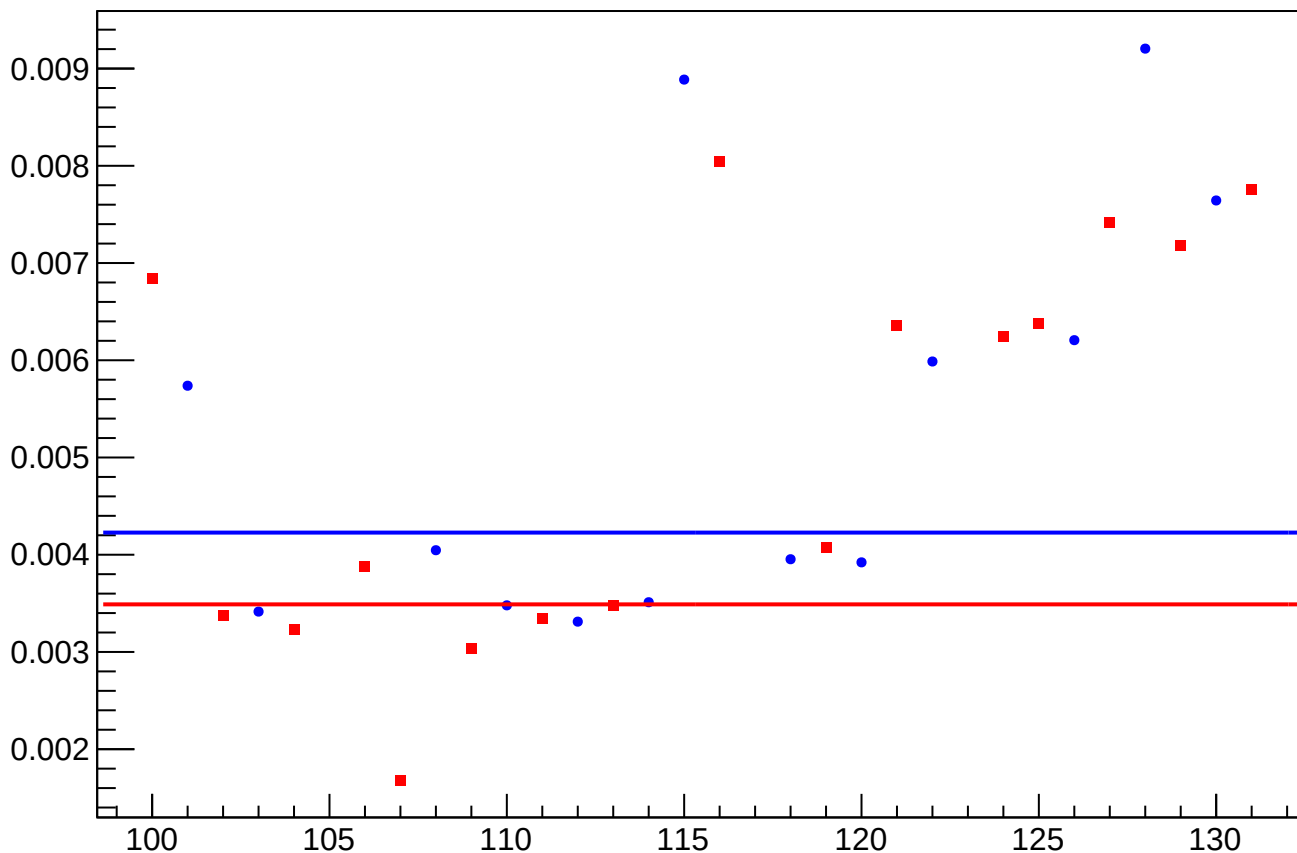
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.4/28

- 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 : 985867.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1893103.7/15

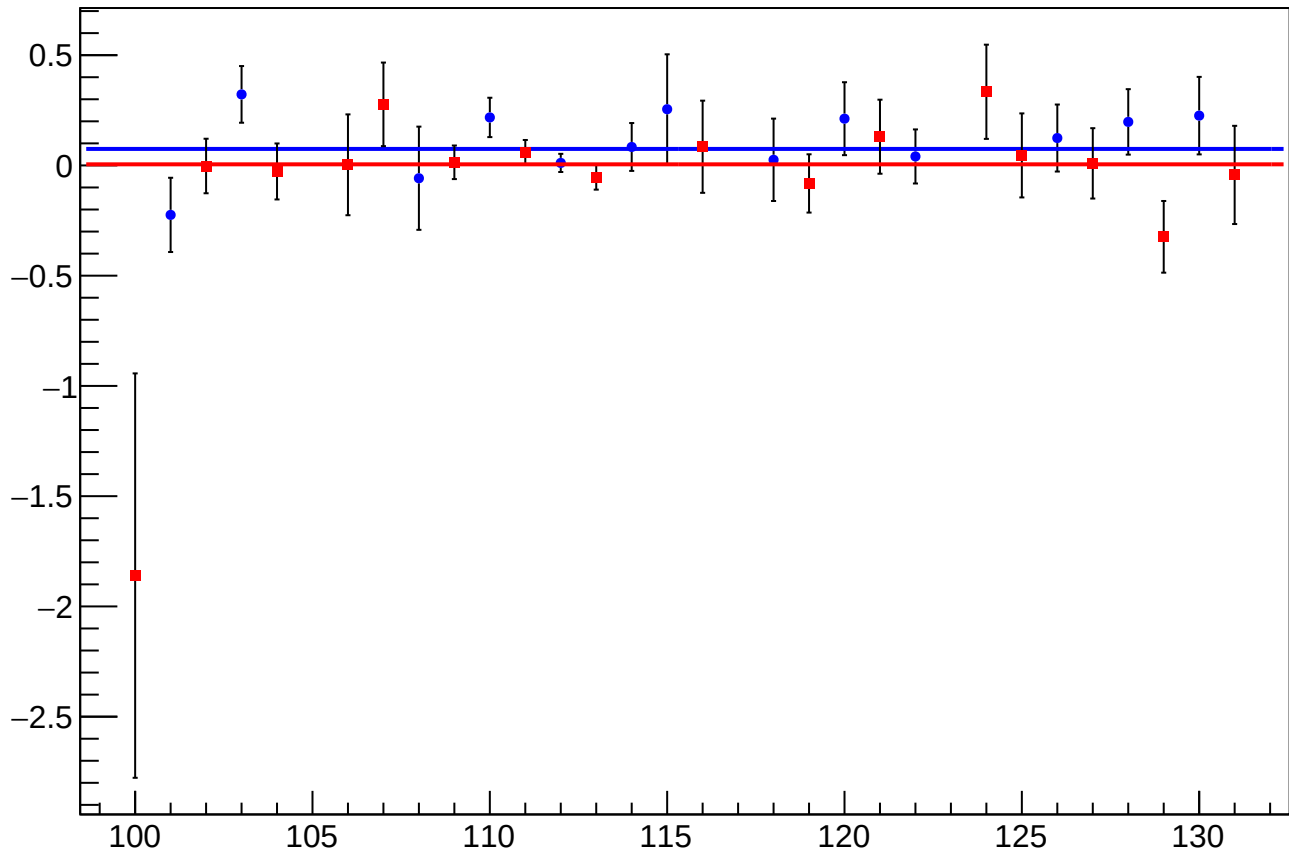
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 3062874.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.075 $\pm$ 0.029 χ^2 /NDF: 15.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.005 $\pm$ 0.028 χ^2 /NDF: 16.1/15

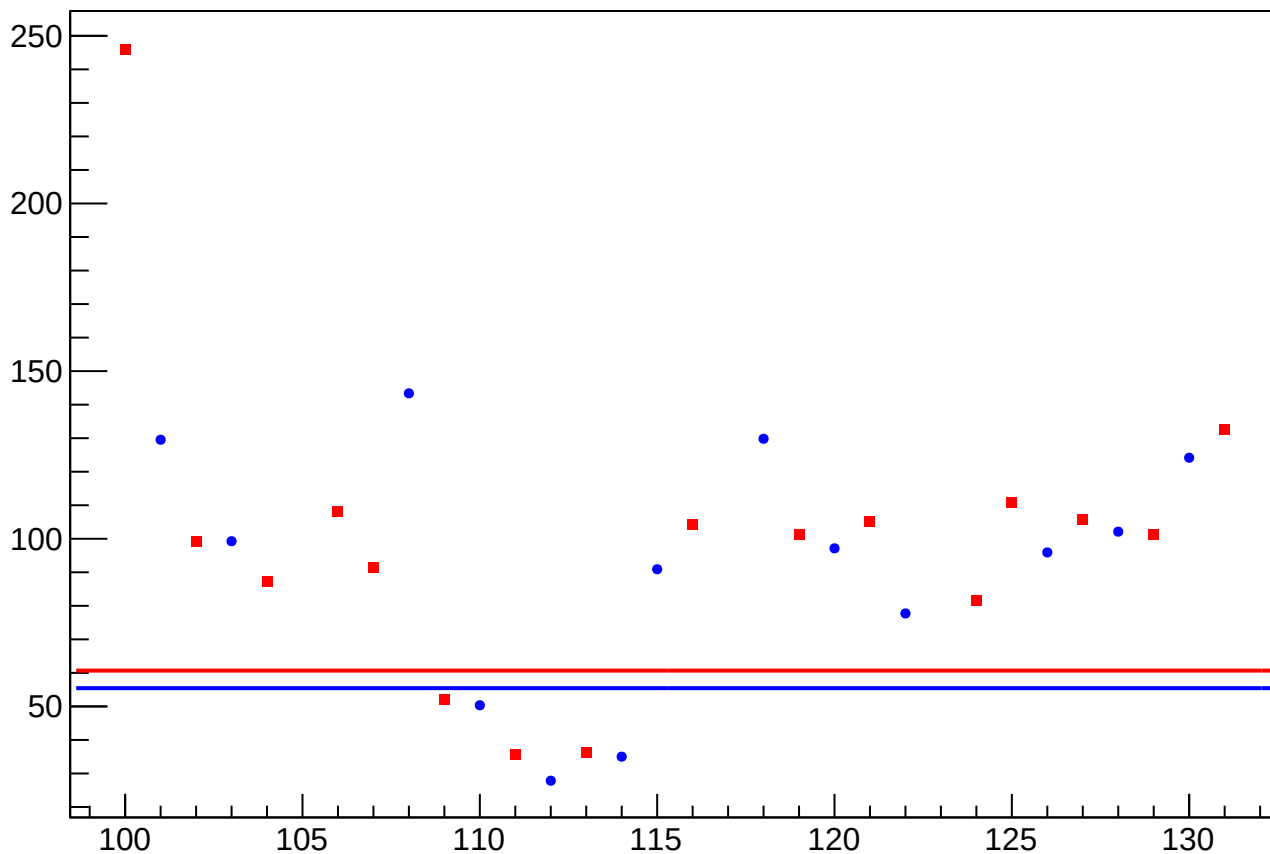
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.039 $\pm$ 0.020 χ^2 /NDF: 34.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 55.450+/-0.021 χ^2/NDF : 3075680.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.684+/-0.020 χ^2/NDF : 2395621.0/15

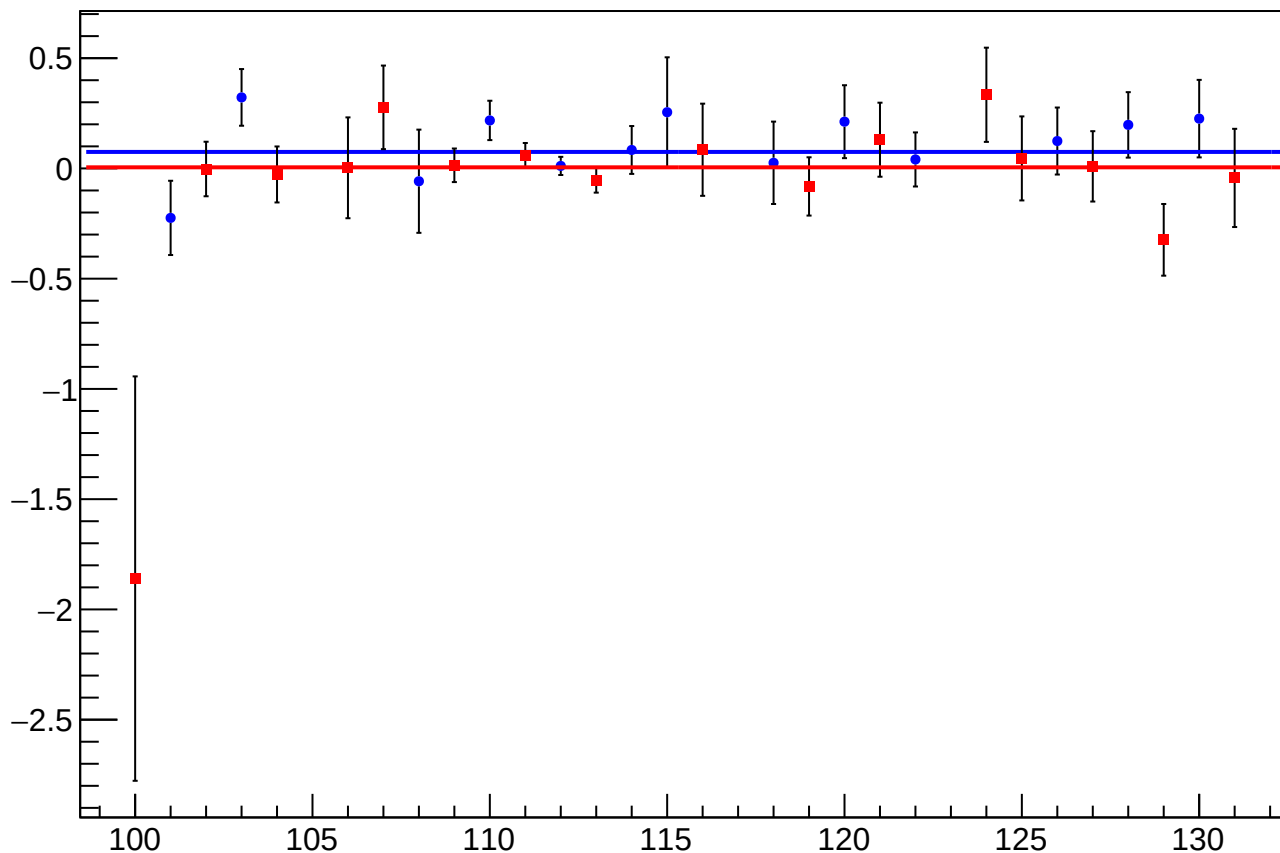
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.149+/-0.014 χ^2/NDF : 5504769.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.075 $\pm$ 0.029 χ^2 /NDF: 15.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.005 $\pm$ 0.028 χ^2 /NDF: 16.1/15

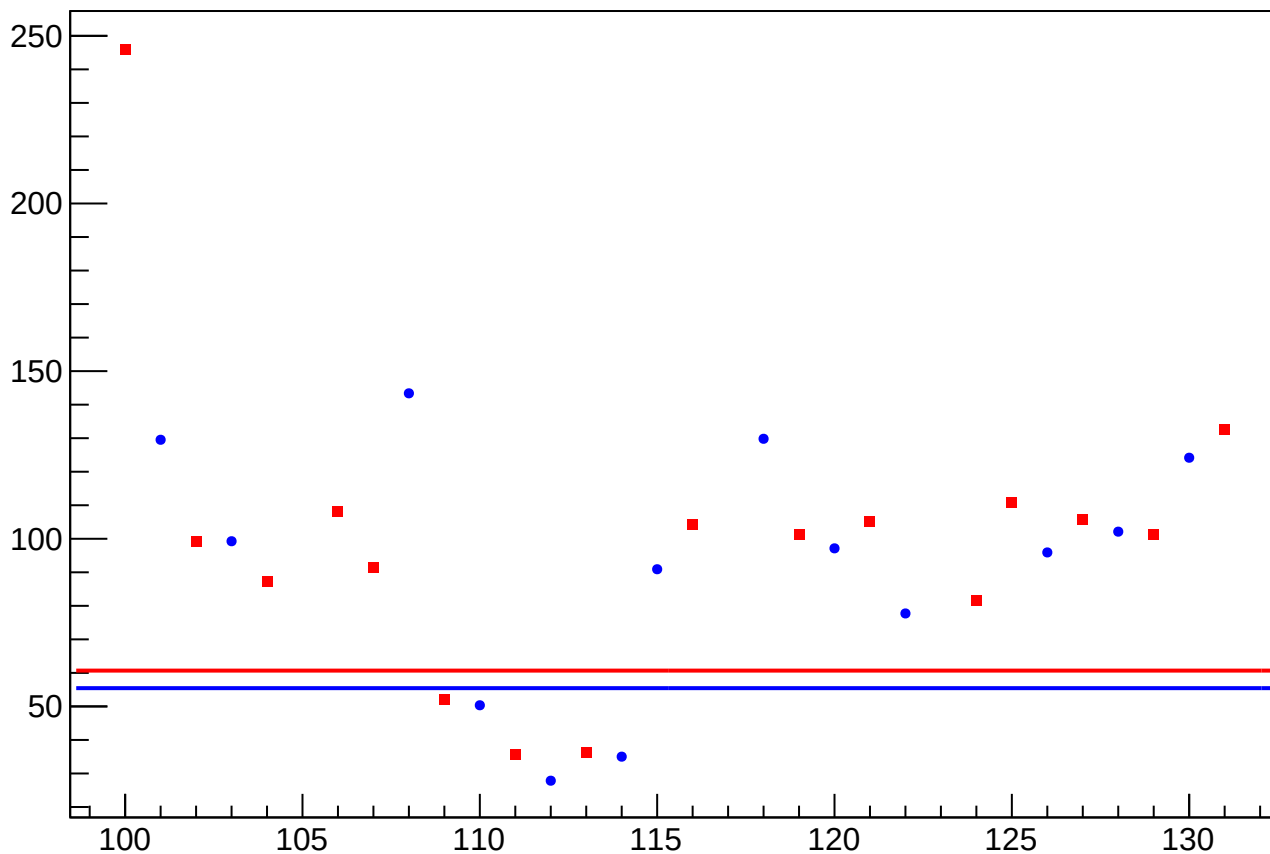
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.039 $\pm$ 0.020 χ^2 /NDF: 34.1/28

- 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: 55.450+/-0.021 χ^2/NDF : 3075680.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.684+/-0.020 χ^2/NDF : 2395621.0/15

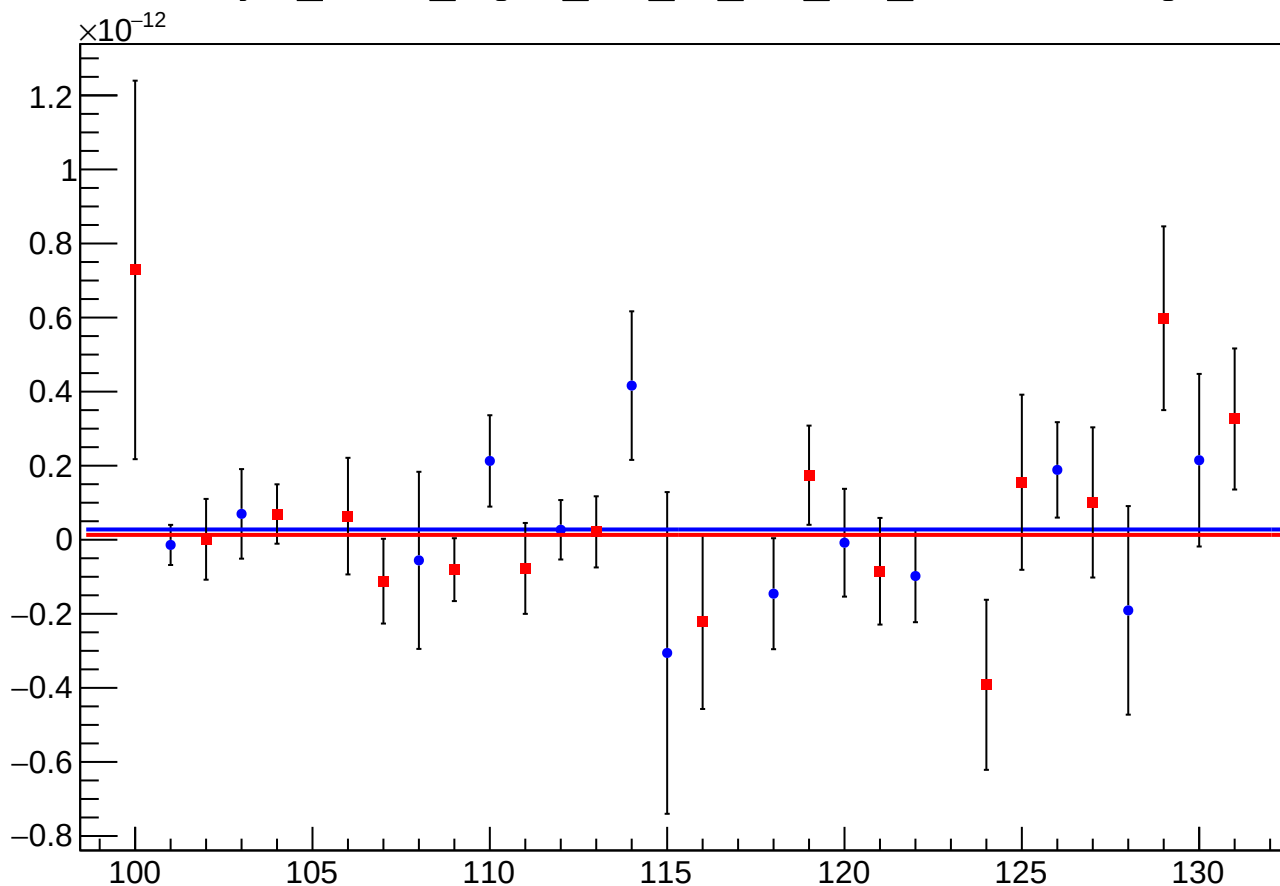
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.149+/-0.014 χ^2/NDF : 5504769.0/28

- 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+/-0.000 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.4/15

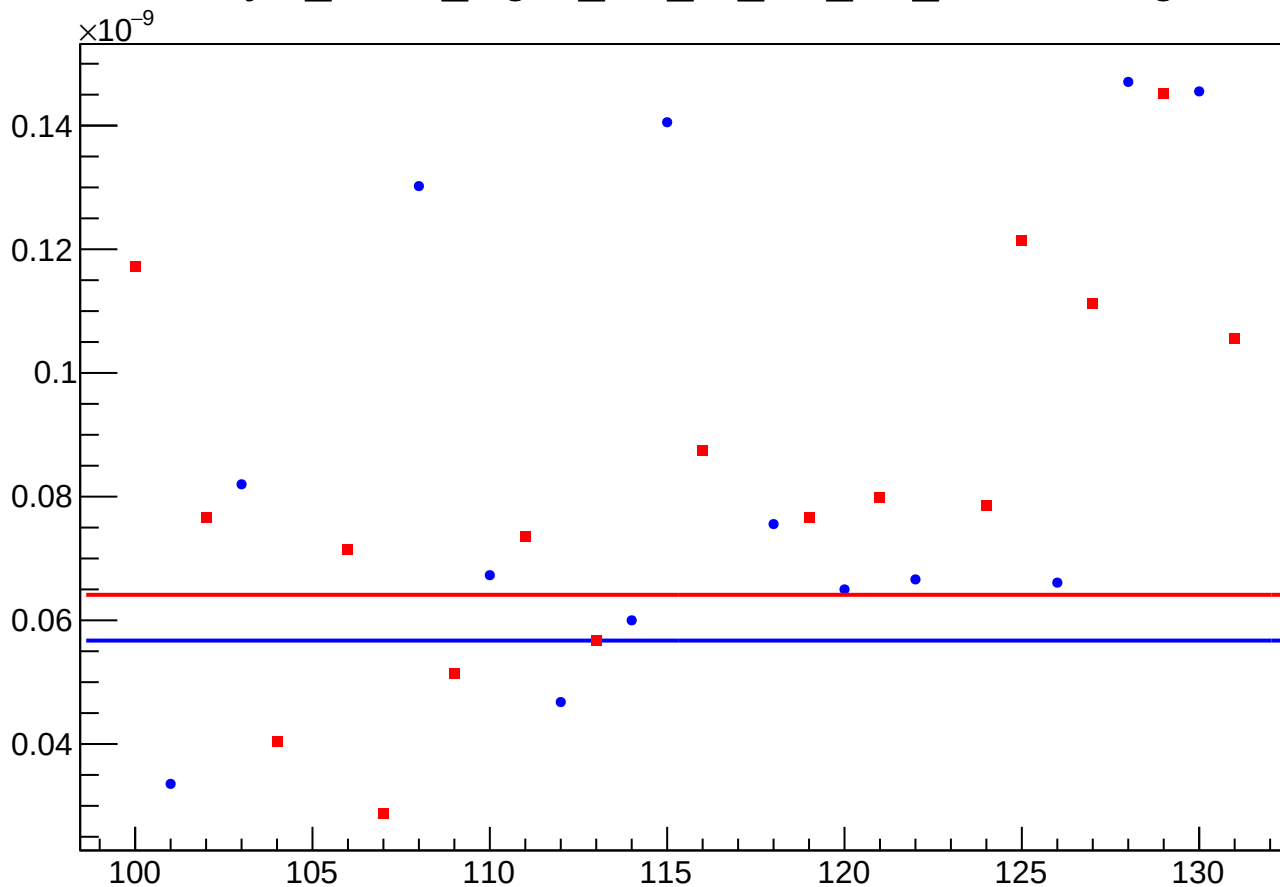
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.1/28

- sign 0.000+/-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 : 1319753.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1088784.0/15

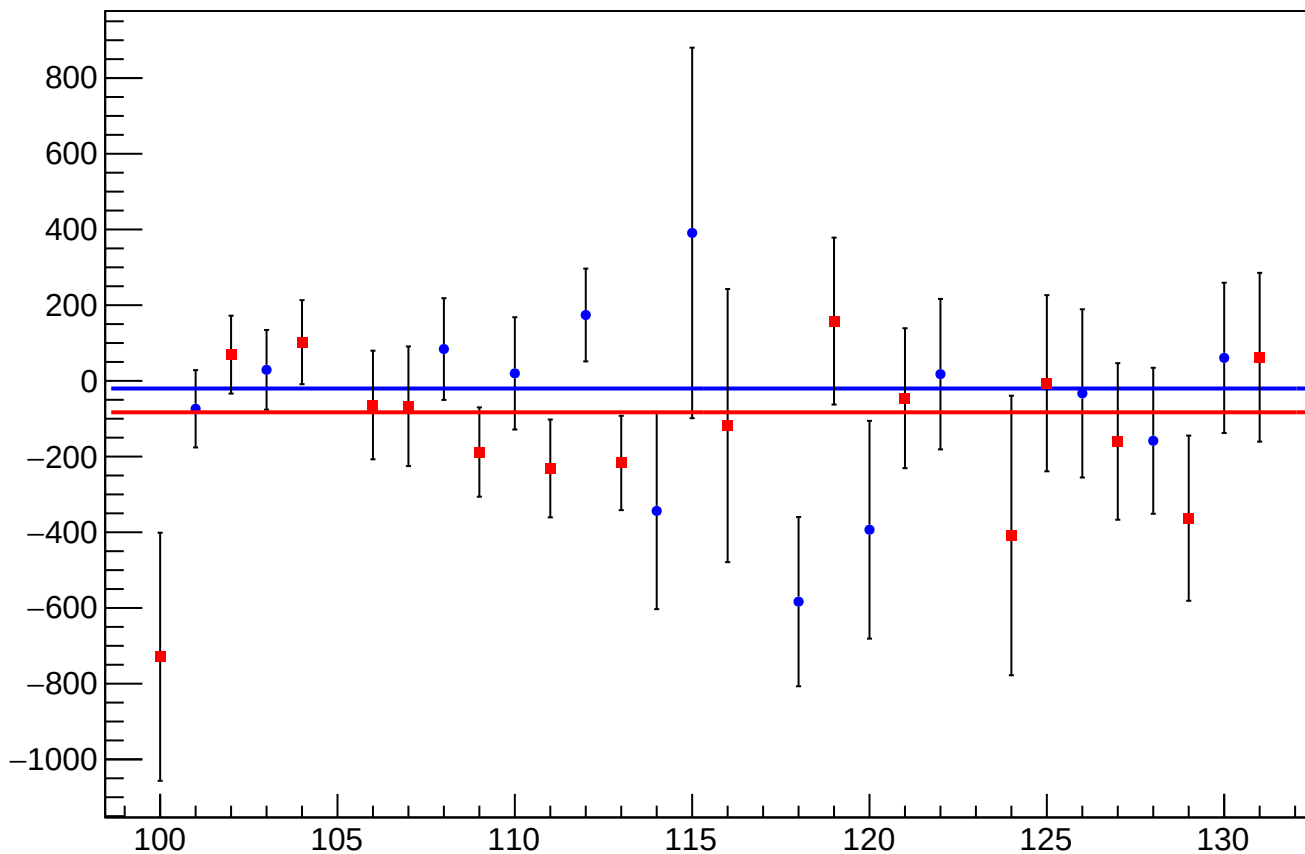
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2458512.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_mean vs Slug



Right In: -20.179+/-44.618 χ^2 /NDF: 14.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -83.025+/-40.245 χ^2 /NDF: 16.5/15

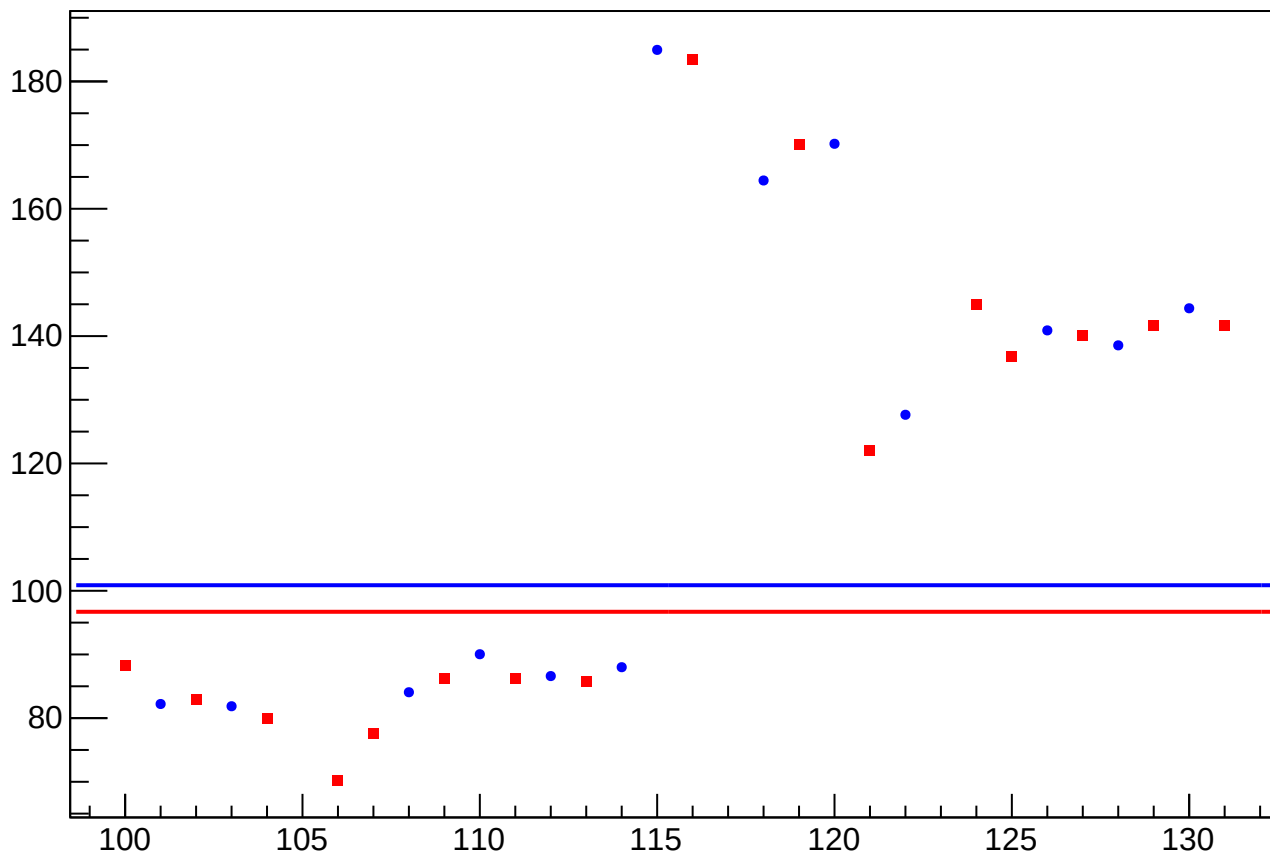
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -54.832+/-29.884 χ^2 /NDF: 32.3/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam5_rms vs Slug



Right In: 100.873+/-0.032 χ^2/NDF : 816220.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.702+/-0.028 χ^2/NDF : 947276.2/15

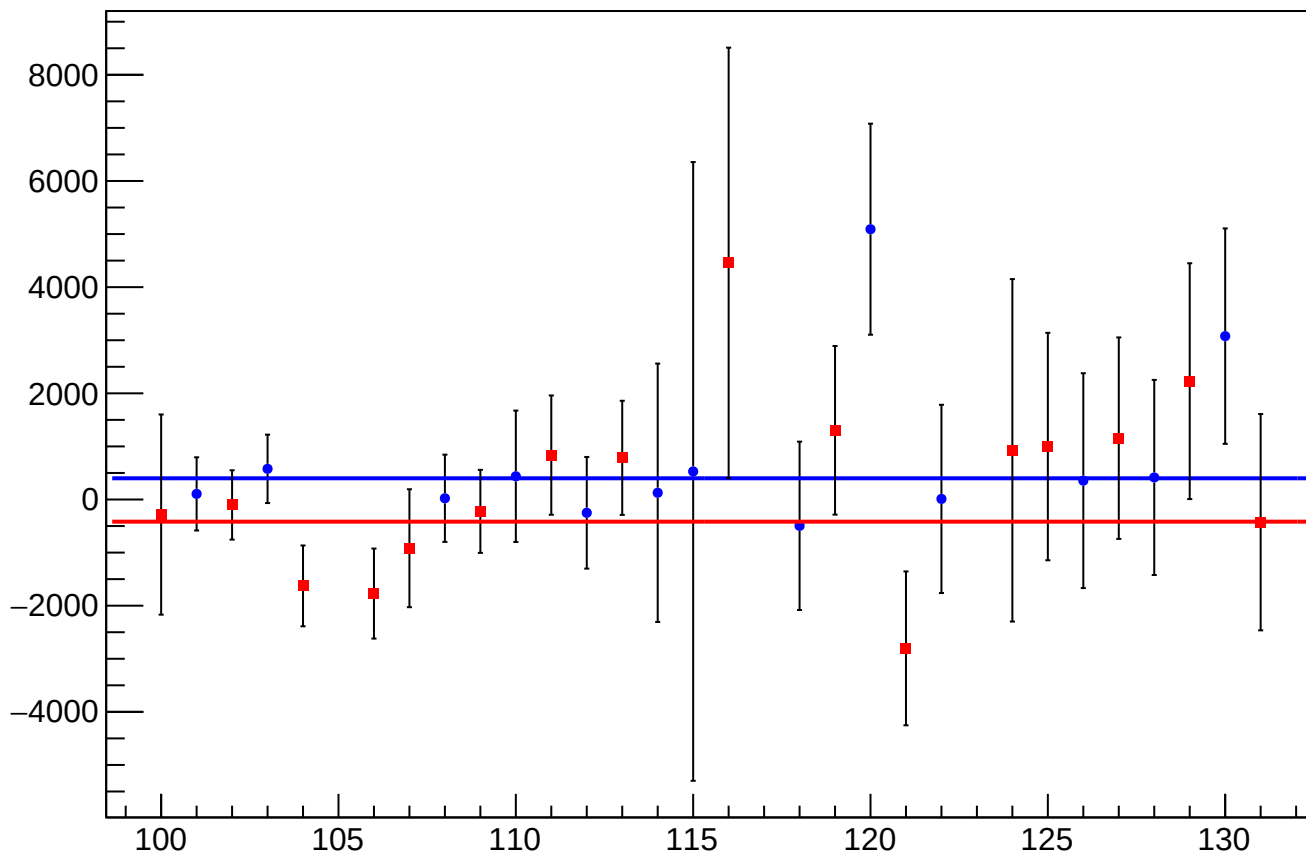
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.573+/-0.021 χ^2/NDF : 1773134.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_reg_correction_mean vs Slug



Right In: 399.631+/-324.404 χ^2/NDF : 8.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -417.297+/-290.928 χ^2/NDF : 16.1/15

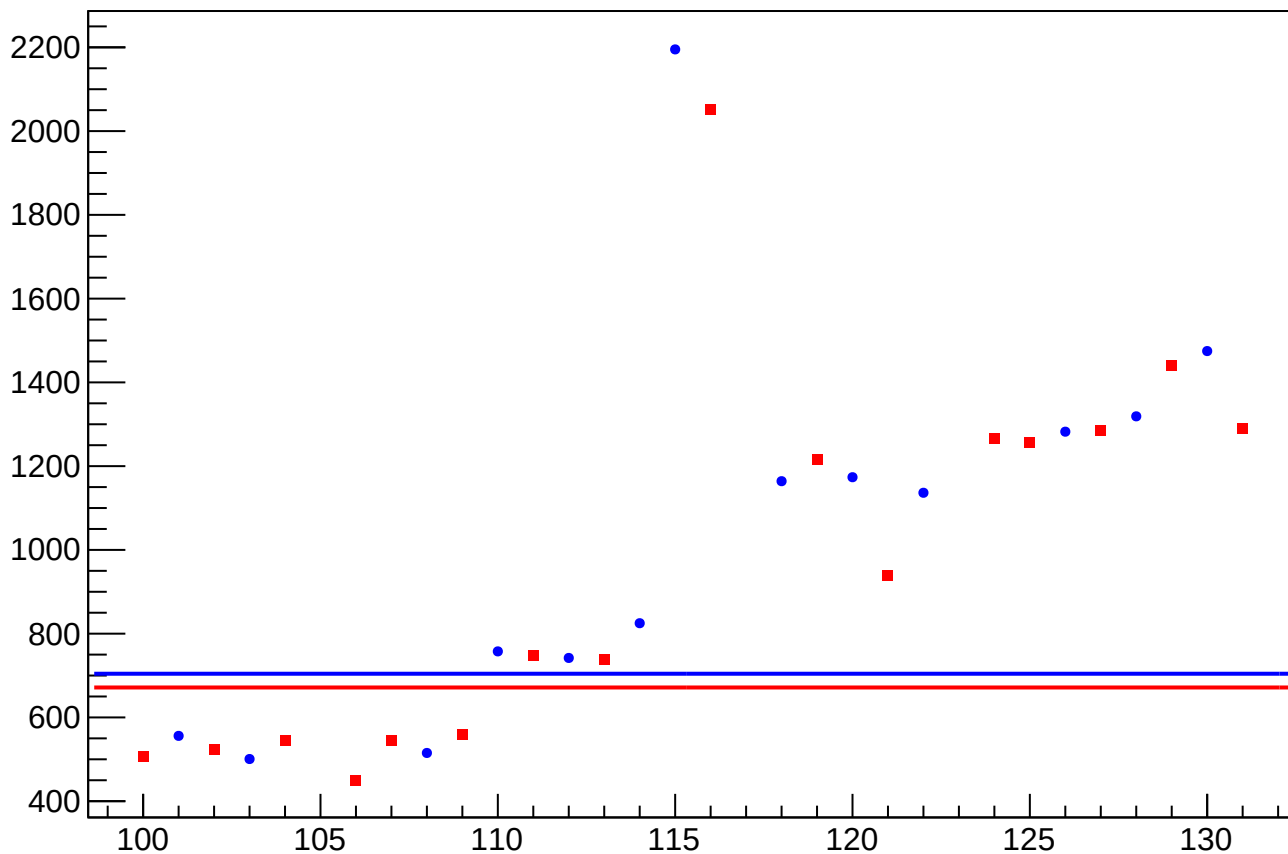
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.145+/-216.589 χ^2/NDF : 28.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_reg_correction_rms vs Slug



Right In: 704.321+/-0.229 χ^2/NDF : 1614242.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 671.497+/-0.206 χ^2/NDF : 1779404.1/15

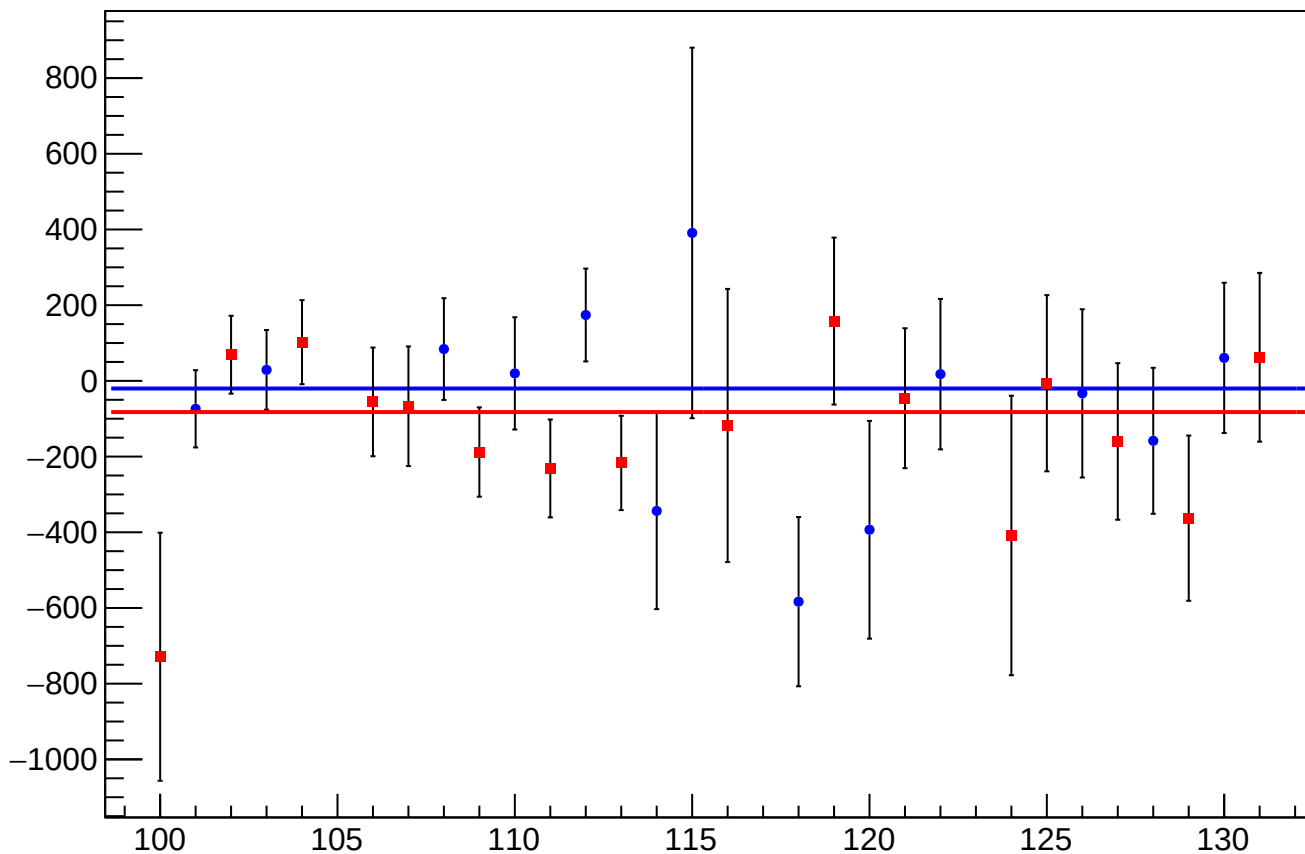
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 686.129+/-0.153 χ^2/NDF : 3404994.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam5_mean vs Slug



Right In: -20.196+/-44.618 χ^2/NDF : 14.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -82.421+/-40.248 χ^2/NDF : 16.5/15

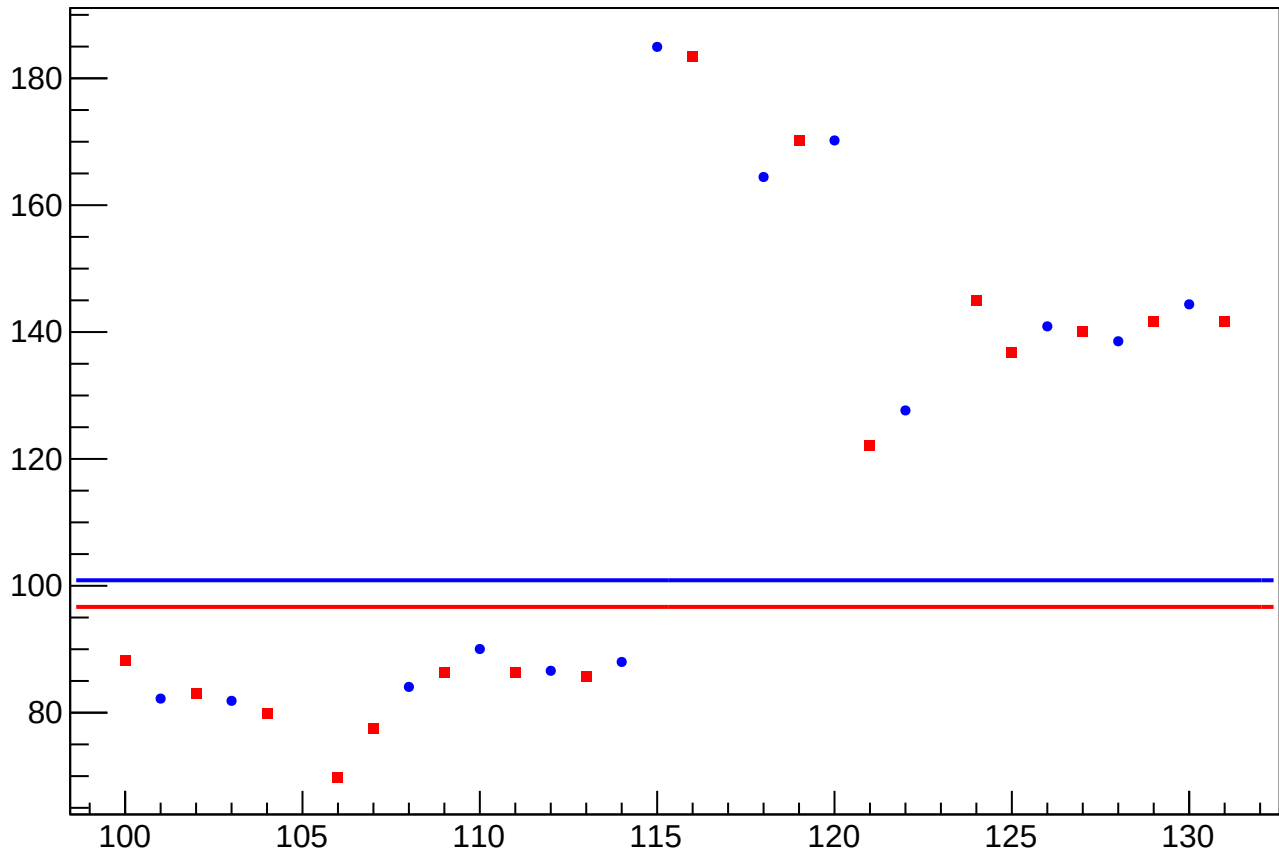
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -54.504+/-29.886 χ^2/NDF : 32.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam5_rms vs Slug



Right In: 100.873+/-0.032 χ^2/NDF : 816220.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.674+/-0.028 χ^2/NDF : 949274.9/15

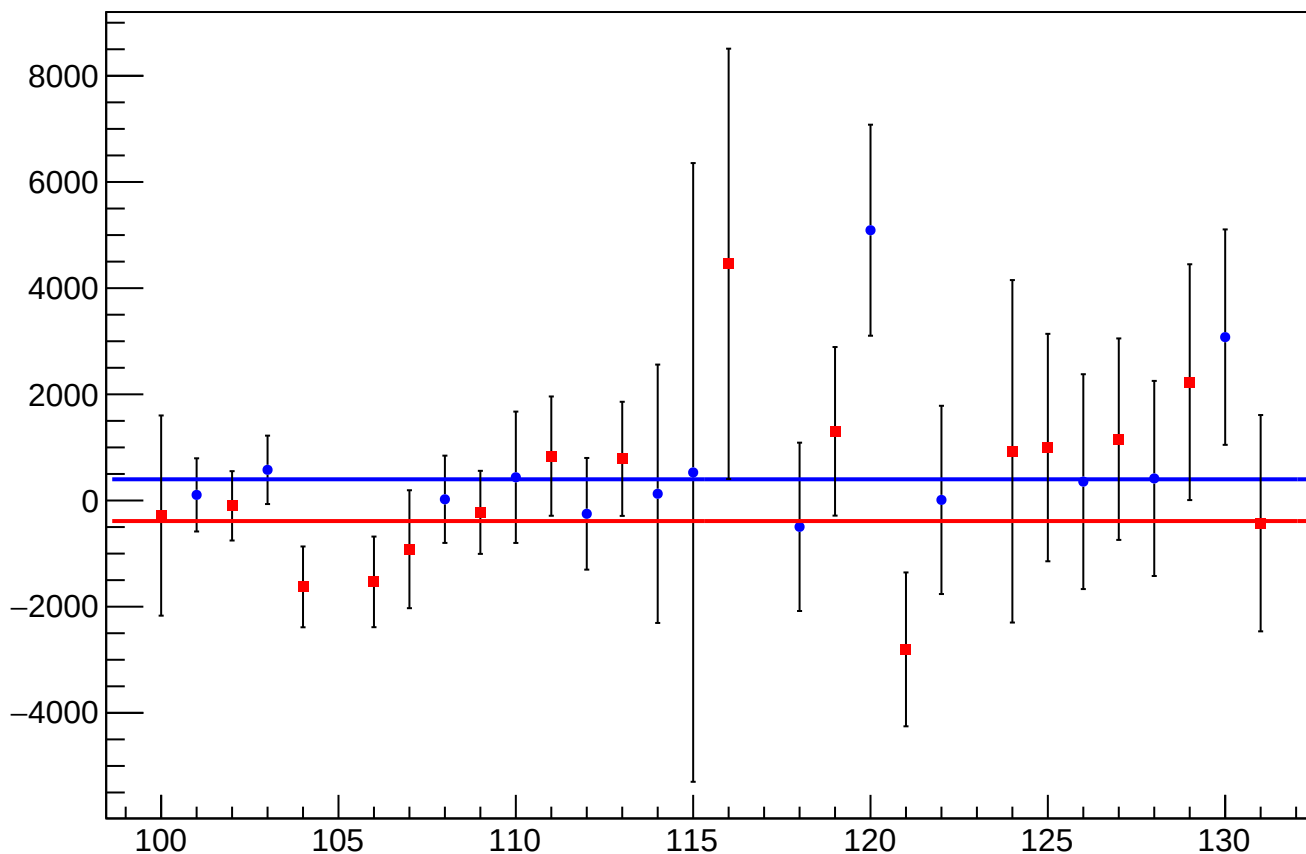
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.558+/-0.021 χ^2/NDF : 1775259.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_cor_correction_mean vs Slug



Right In: 399.631+/-324.404 χ^2/NDF : 8.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -387.057+/-291.152 χ^2/NDF : 15.3/15

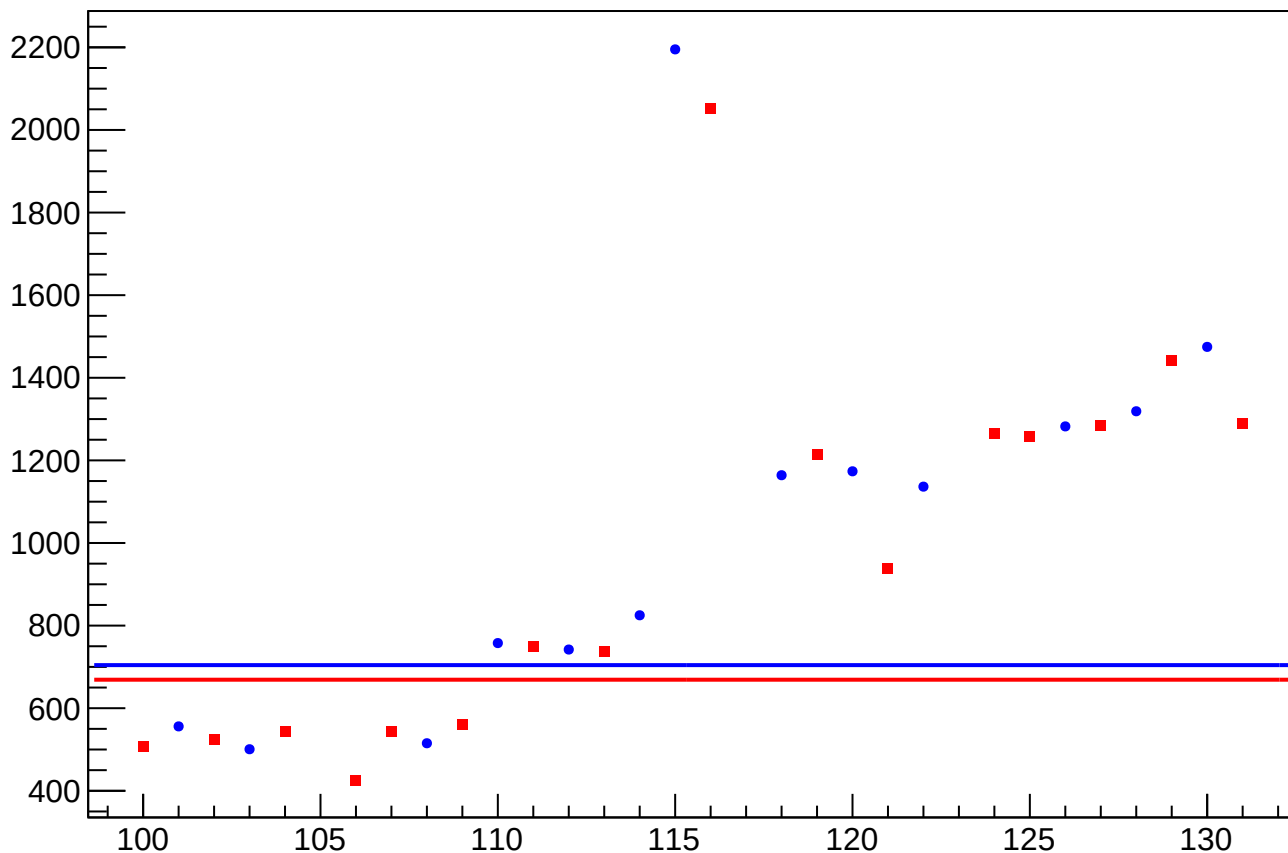
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.086+/-216.681 χ^2/NDF : 27.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_cor_correction_rms vs Slug



Right In: 704.320+/-0.229 χ^2/NDF : 1614242.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 669.000+/-0.206 χ^2/NDF : 1808892.3/15

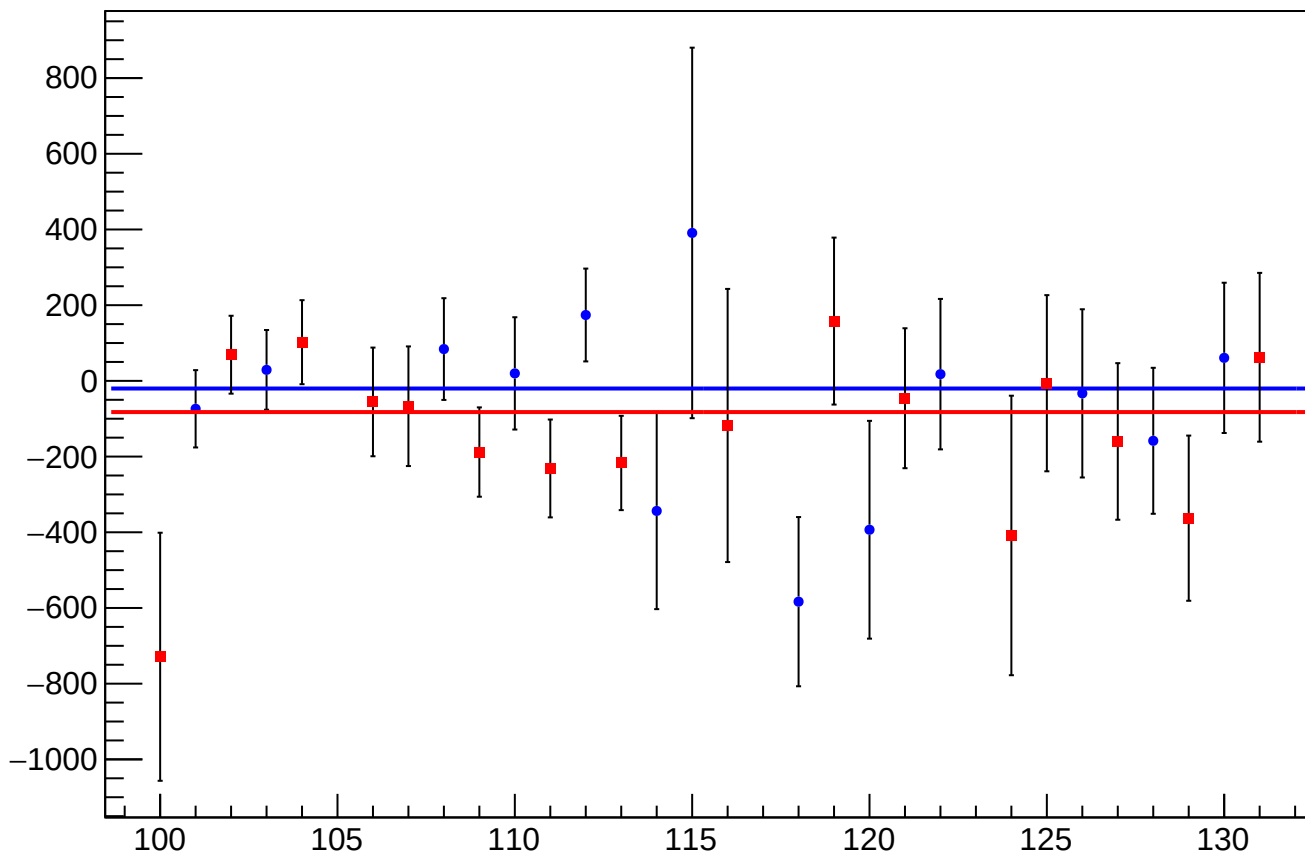
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 684.758+/-0.153 χ^2/NDF : 3436266.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam5_mean vs Slug



Right In: -20.196 ± 44.618 χ^2/NDF : 14.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -82.421 ± 40.248 χ^2/NDF : 16.5/15

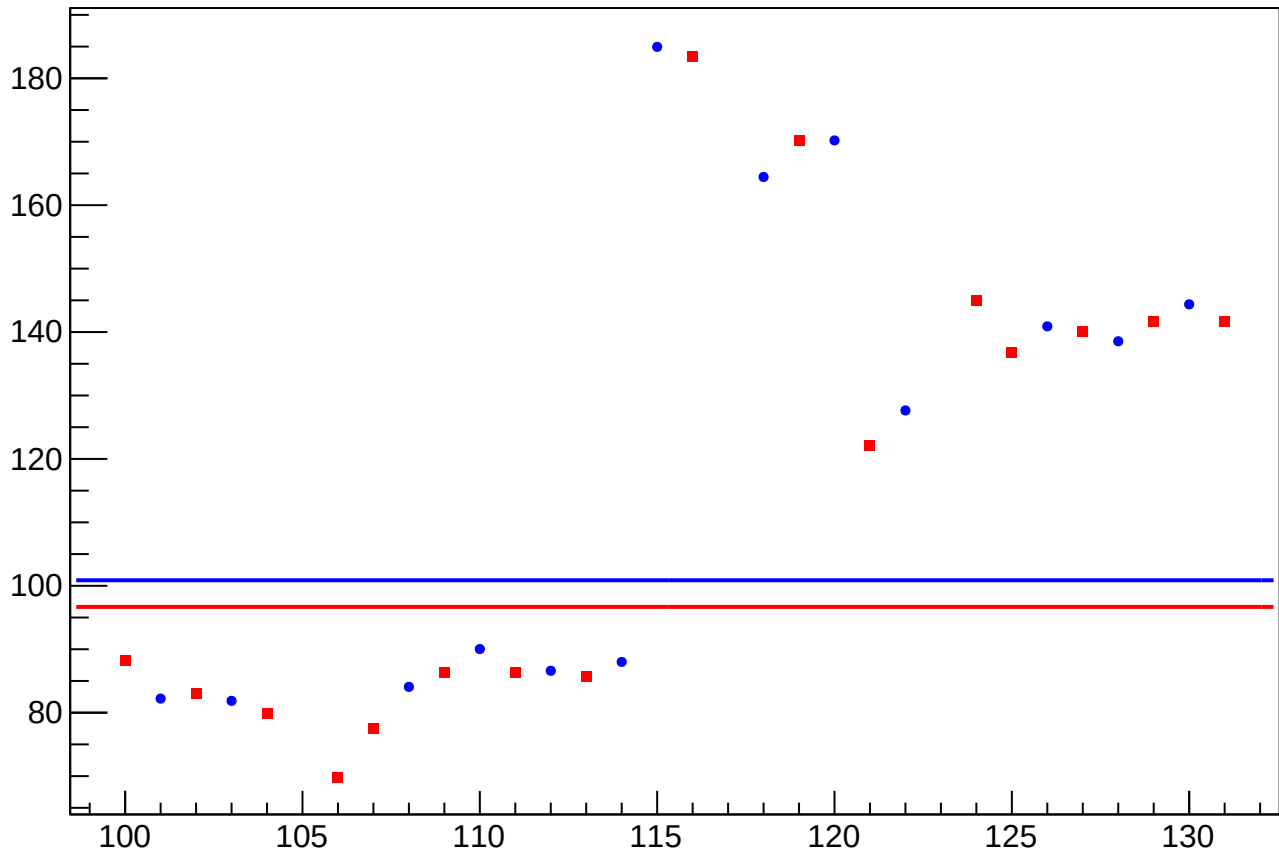
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -54.504 ± 29.886 χ^2/NDF : 32.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam5_rms vs Slug



Right In: 100.873+/-0.032 χ^2/NDF : 816220.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.674+/-0.028 χ^2/NDF : 949274.9/15

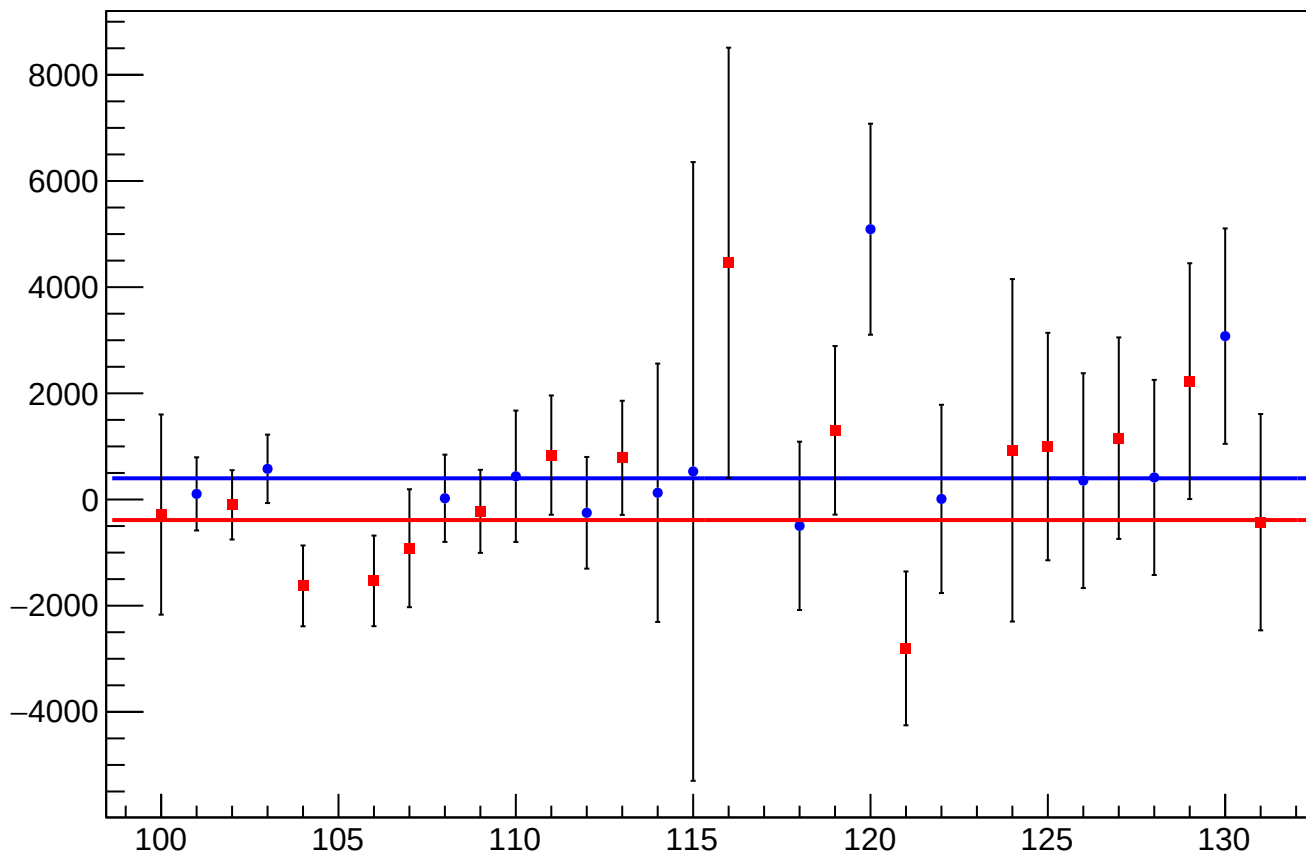
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.558+/-0.021 χ^2/NDF : 1775259.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_cor_correction_mean vs Slug



Right In: 399.631+/-324.404 χ^2/NDF : 8.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -387.057+/-291.152 χ^2/NDF : 15.3/15

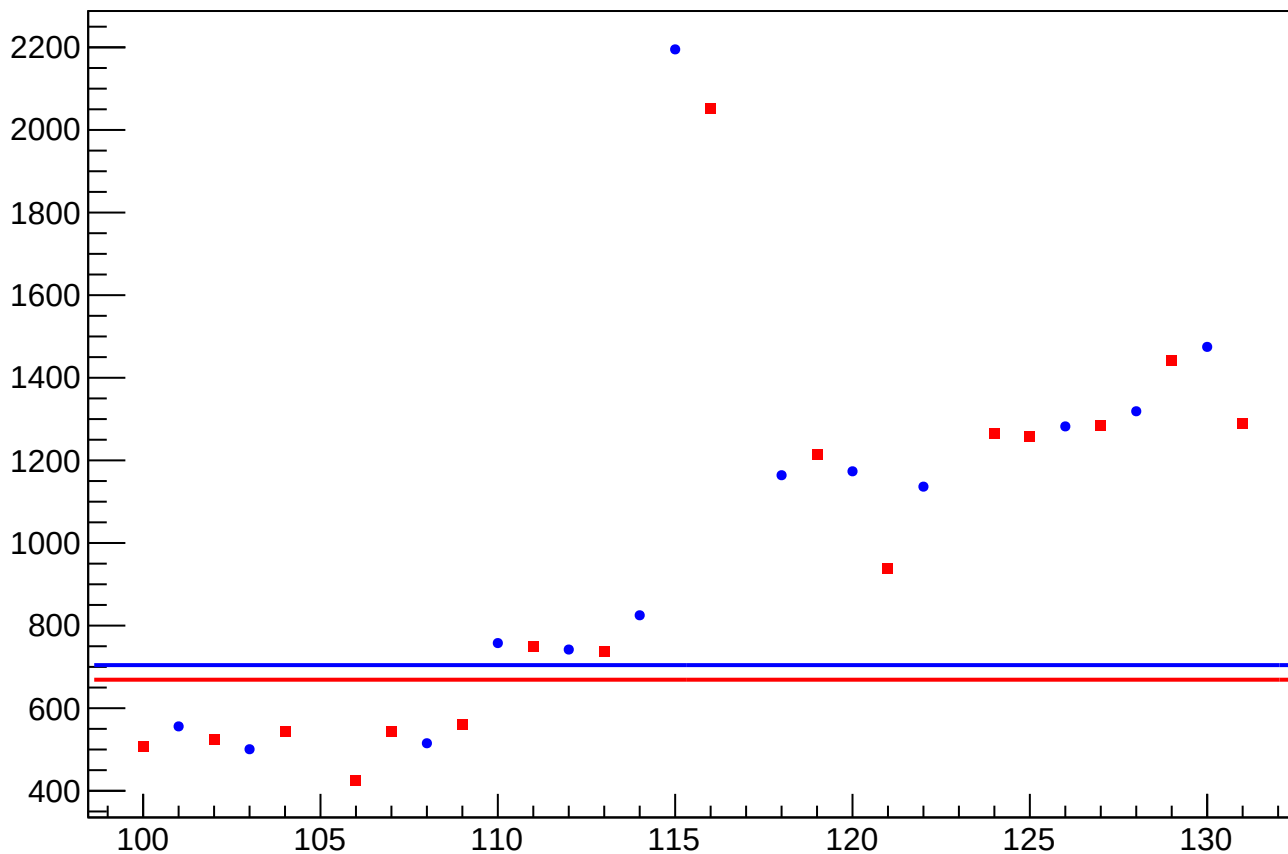
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.086+/-216.681 χ^2/NDF : 27.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_cor_correction_rms vs Slug



Right In: 704.320+/-0.229 χ^2/NDF : 1614242.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 669.000+/-0.206 χ^2/NDF : 1808892.3/15

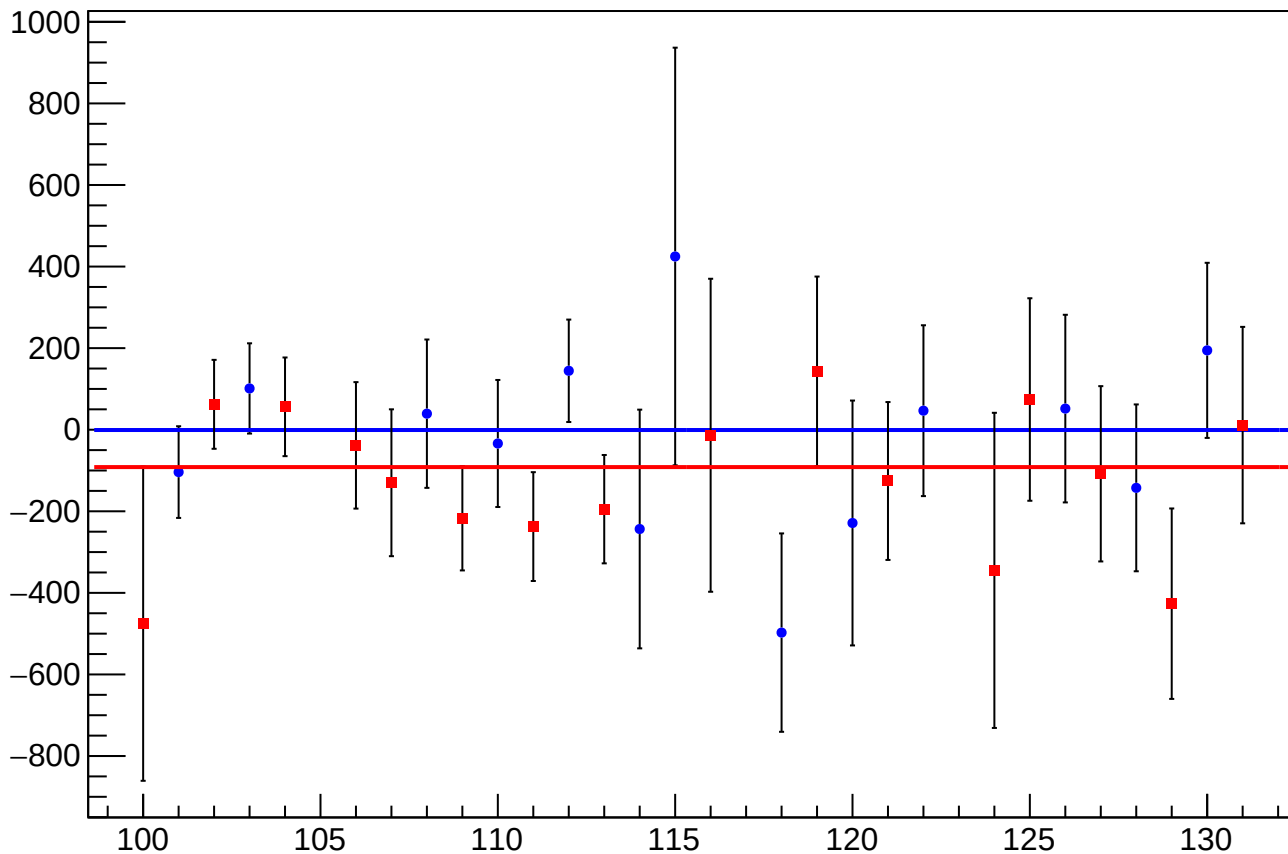
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 684.758+/-0.153 χ^2/NDF : 3436266.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam5_mean vs Slug



Right In: -0.735 ± 48.417 $\chi^2/\text{NDF}: 10.7/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -91.617 ± 43.117 $\chi^2/\text{NDF}: 11.6/15$

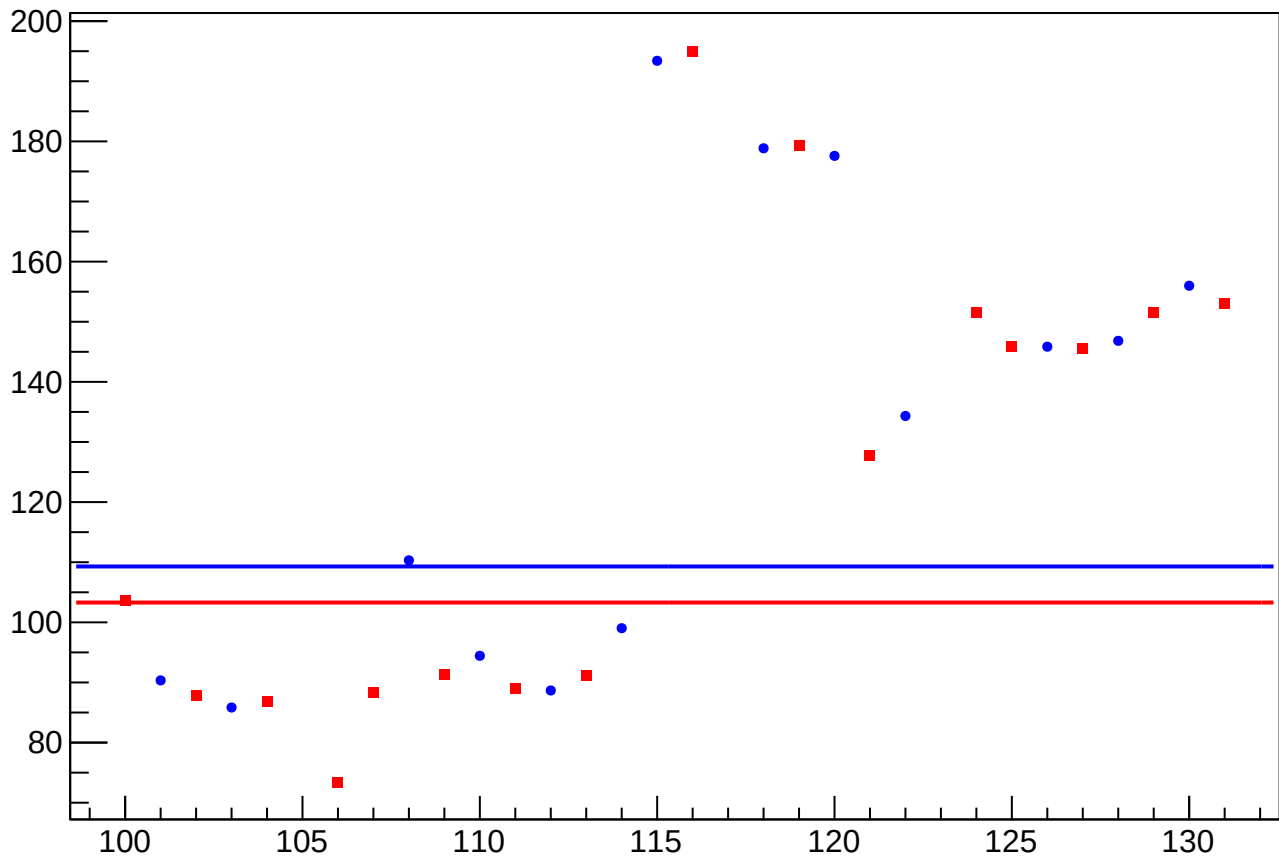
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -51.421 ± 32.200 $\chi^2/\text{NDF}: 24.2/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

dit_asym_sam5_rms vs Slug



Right In: 109.295 $\pm$ 0.034 χ^2 /NDF: 783713.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 103.295 $\pm$ 0.030 χ^2 /NDF: 920207.7/15

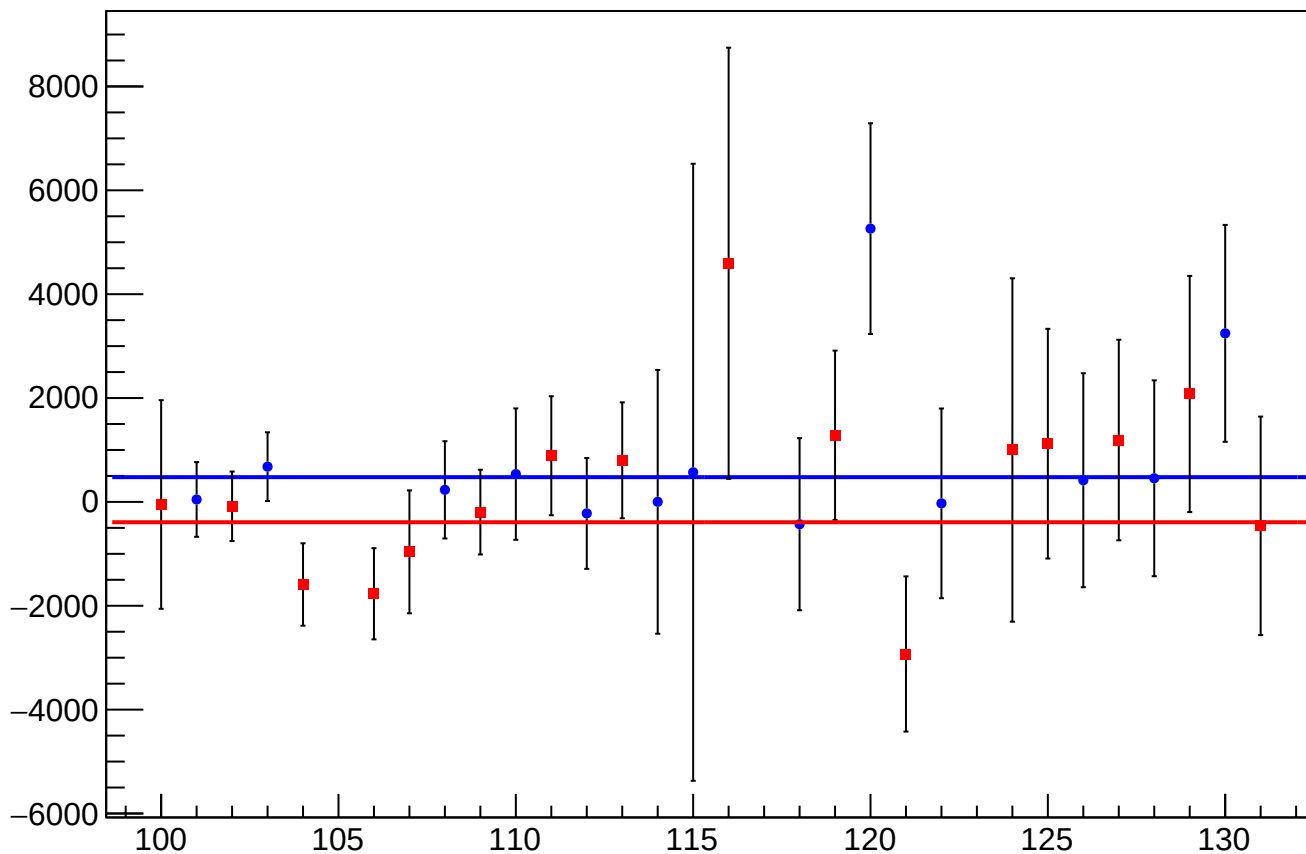
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 105.949 $\pm$ 0.023 χ^2 /NDF: 1721048.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_dit_correction_mean vs Slug



Right In: 476.620+/-339.168 χ^2/NDF : 8.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -391.216+/-301.369 χ^2/NDF : 15.5/15

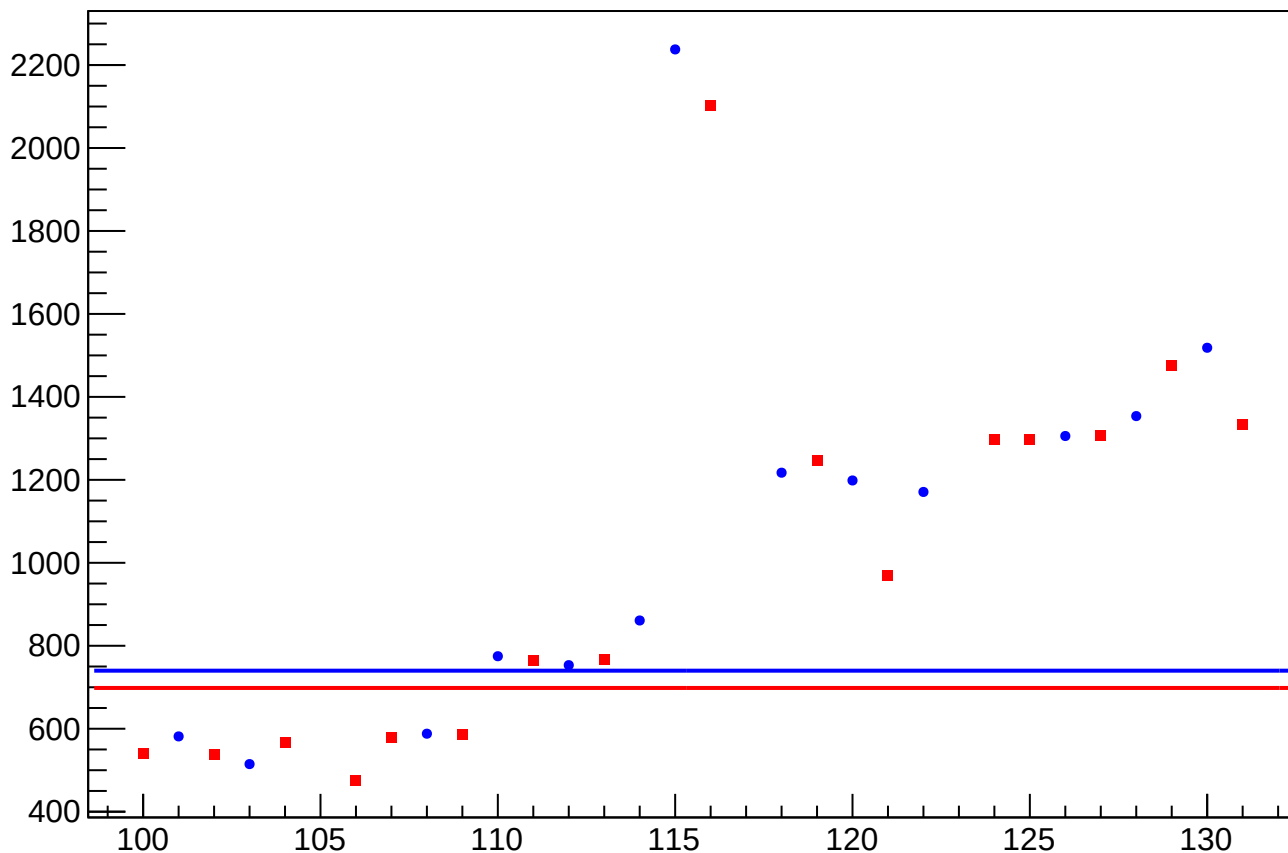
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.331+/-225.283 χ^2/NDF : 27.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_dit_correction_rms vs Slug



Right In: 739.957 $\pm$ 0.240 χ^2 /NDF: 1534492.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 698.296 $\pm$ 0.213 χ^2 /NDF: 1731899.1/15

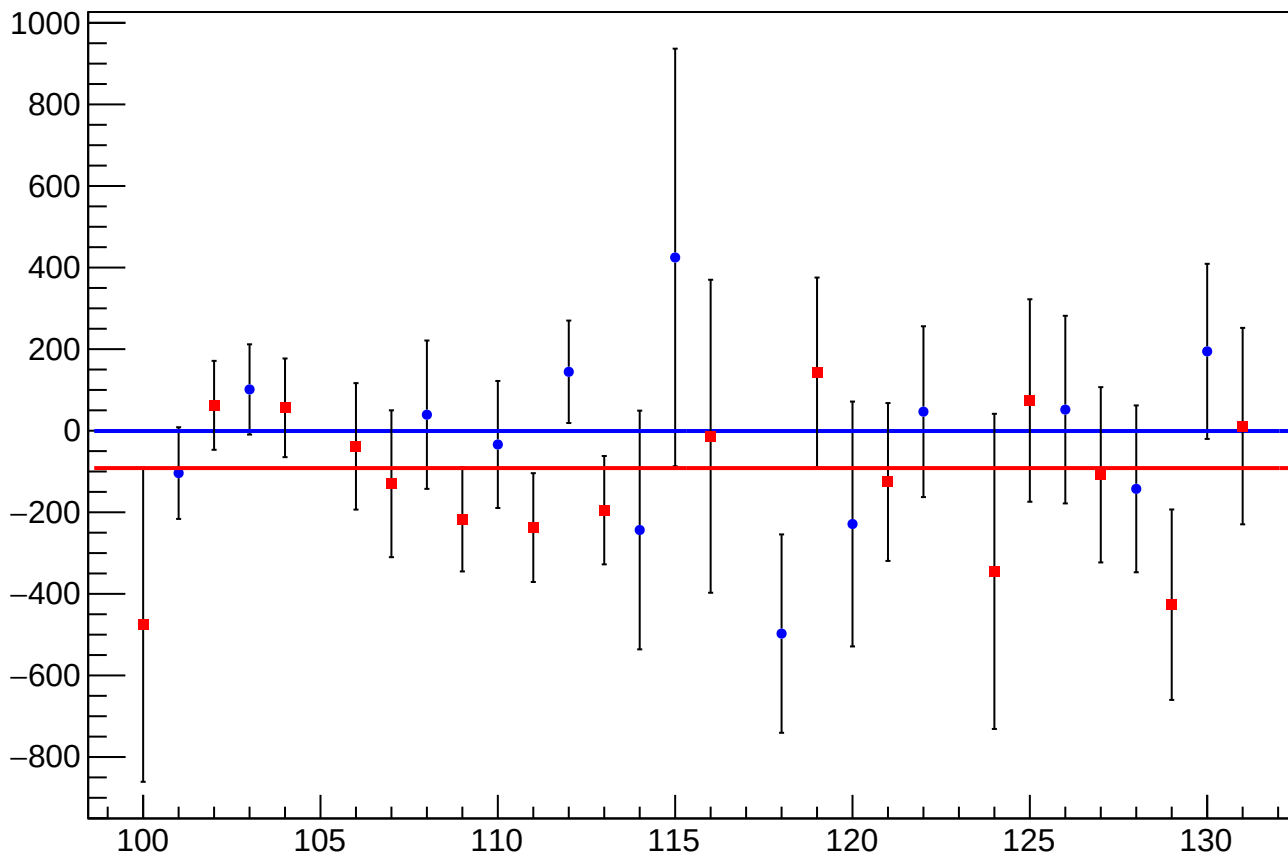
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 716.676 $\pm$ 0.159 χ^2 /NDF: 3283253.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam5_mean vs Slug



Right In: -0.737 ± 48.417 $\chi^2/\text{NDF}: 10.7/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -91.618 ± 43.117 $\chi^2/\text{NDF}: 11.6/15$

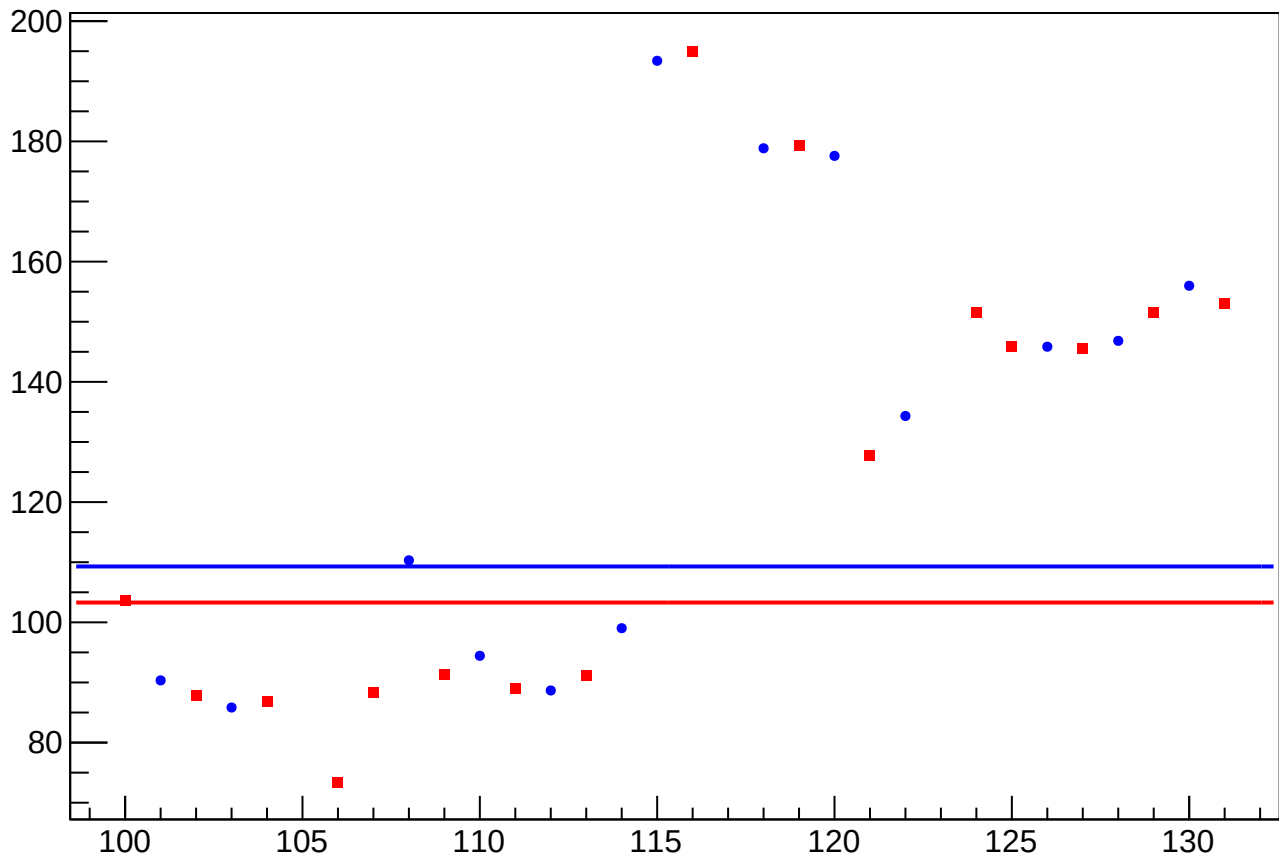
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -51.422 ± 32.200 $\chi^2/\text{NDF}: 24.2/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

eigen_dit_asym_sam5_rms vs Slug



Right In: 109.294 $\pm$ 0.034 χ^2 /NDF: 783707.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 103.295 $\pm$ 0.030 χ^2 /NDF: 920198.9/15

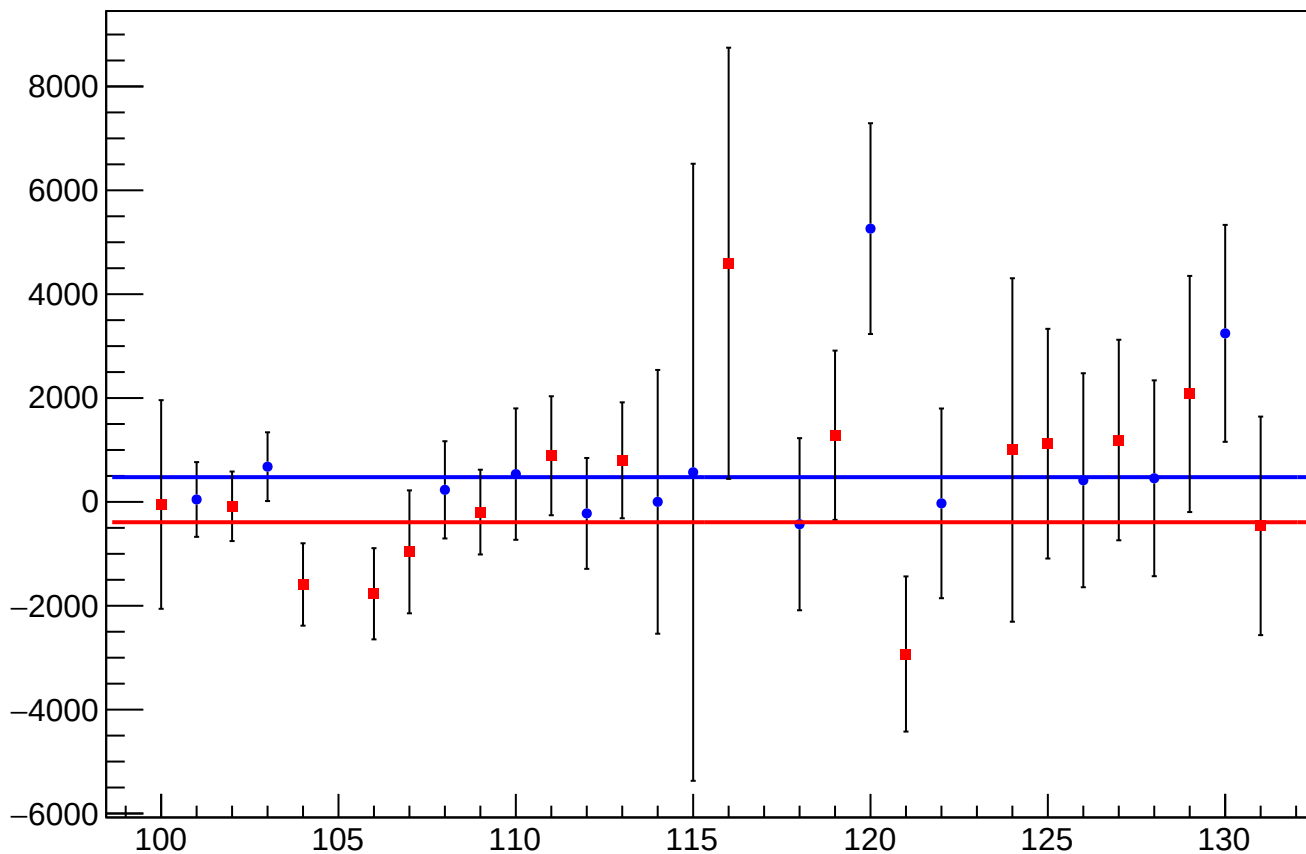
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 105.948 $\pm$ 0.023 χ^2 /NDF: 1721032.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_dit_correction_mean vs Slug



Right In: 476.620+/-339.167 χ^2/NDF : 8.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -391.217+/-301.369 χ^2/NDF : 15.5/15

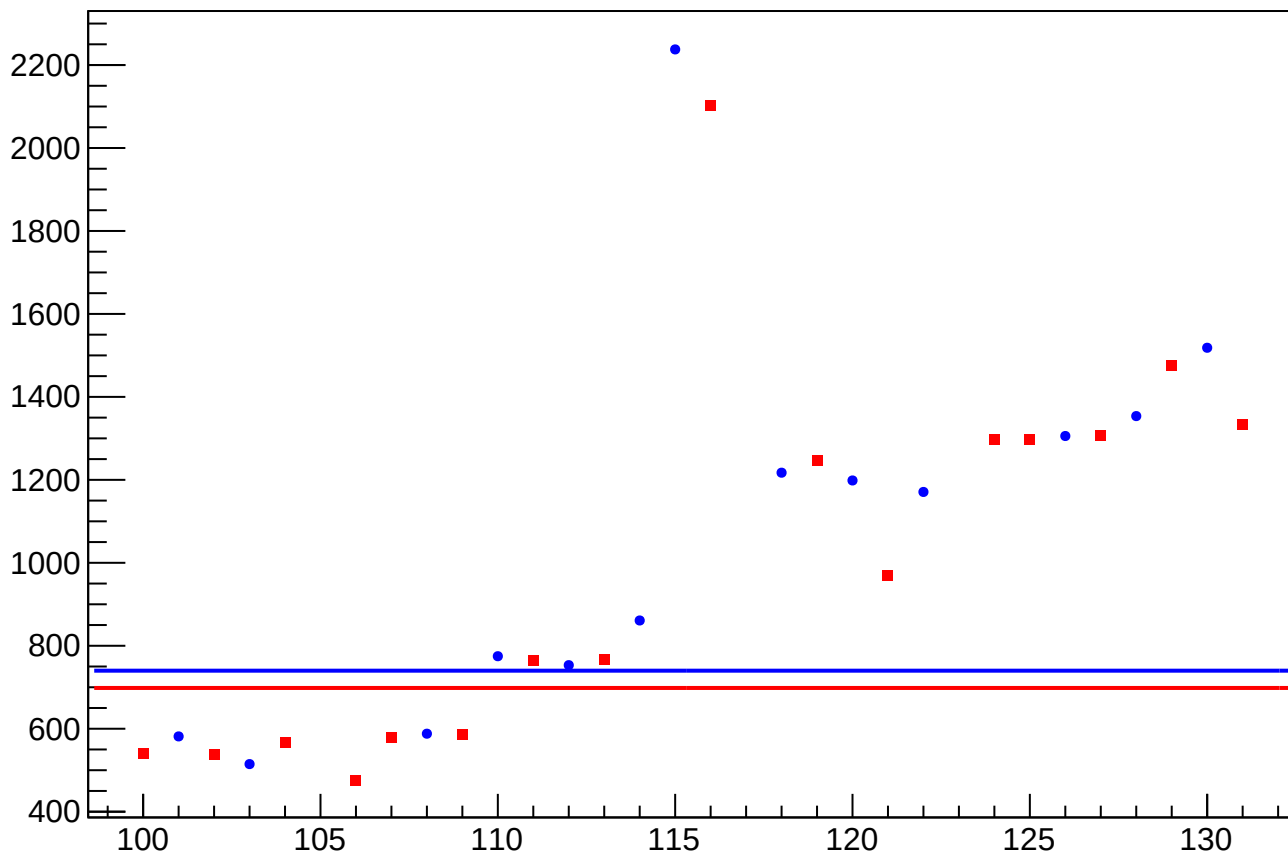
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.332+/-225.283 χ^2/NDF : 27.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_dit_correction_rms vs Slug



Right In: 739.956+/-0.240 χ^2/NDF : 1534488.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 698.295+/-0.213 χ^2/NDF : 1731893.7/15

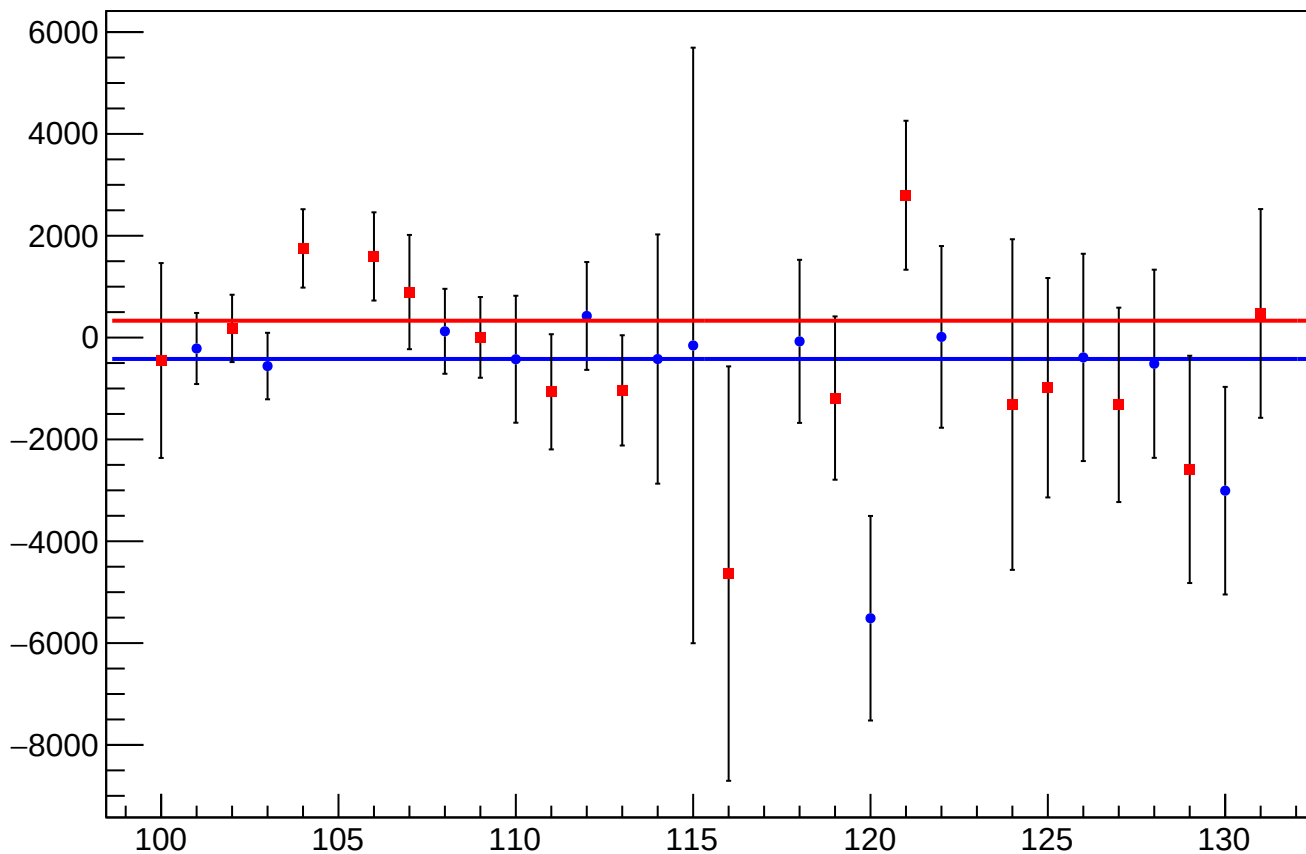
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 716.676+/-0.159 χ^2/NDF : 3283244.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_mean vs Slug



Right In: -419.886+/-328.043 χ^2/NDF : 9.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 331.511+/-294.370 χ^2/NDF : 17.6/15

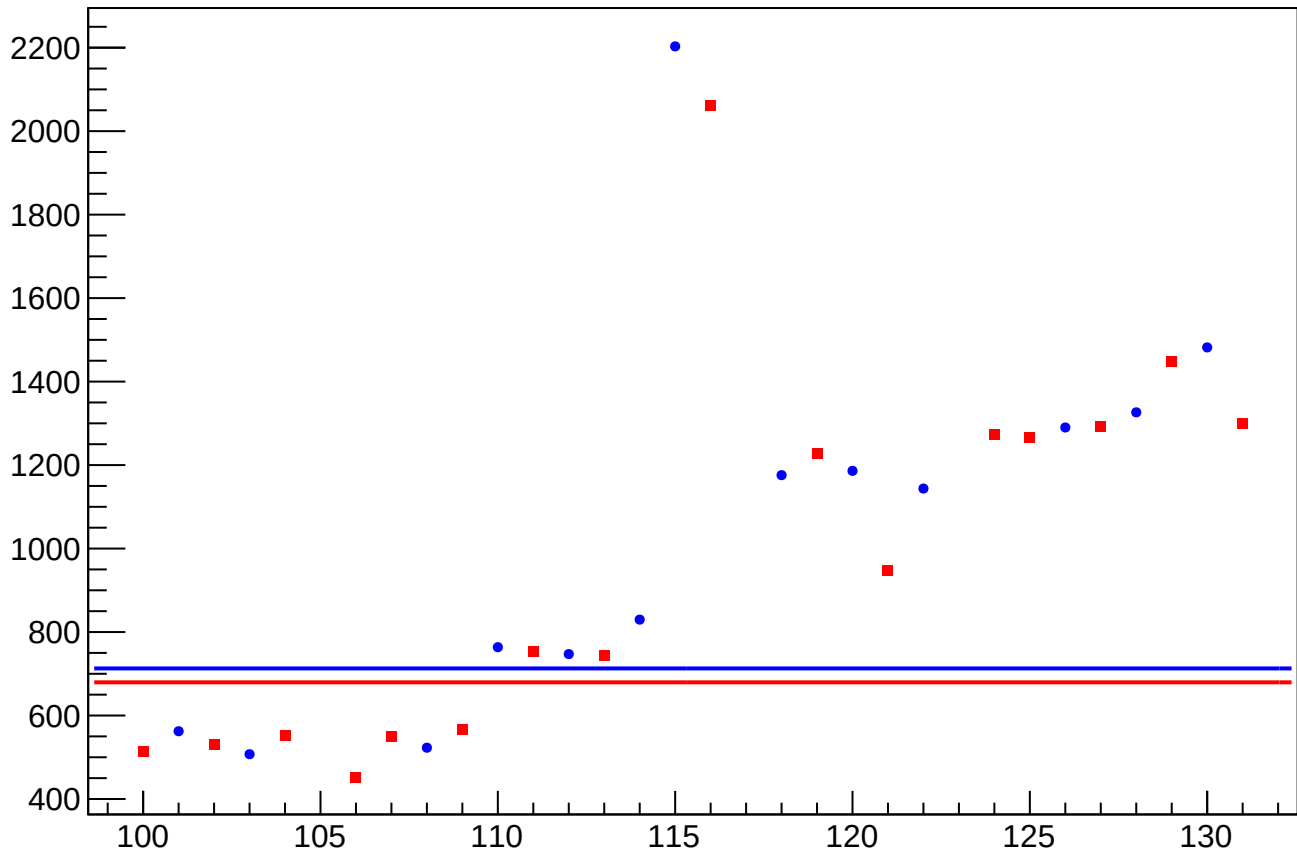
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.655+/-219.092 χ^2/NDF : 29.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_rms vs Slug



Right In: 712.821+/-0.232 χ^2/NDF : 1595476.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 679.512+/-0.208 χ^2/NDF : 1763673.1/15

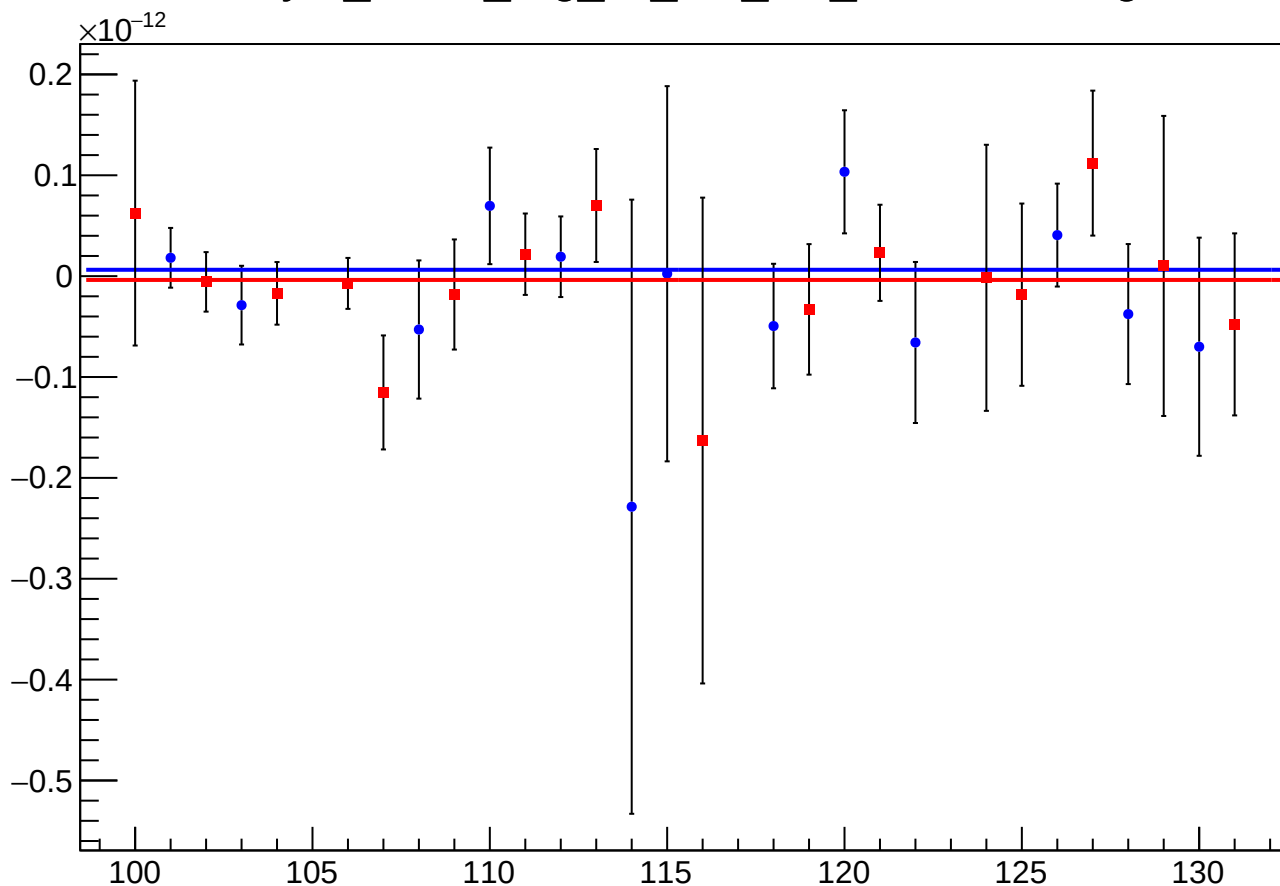
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 694.370+/-0.155 χ^2/NDF : 3370572.5/28

- 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 : 9.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.4/15

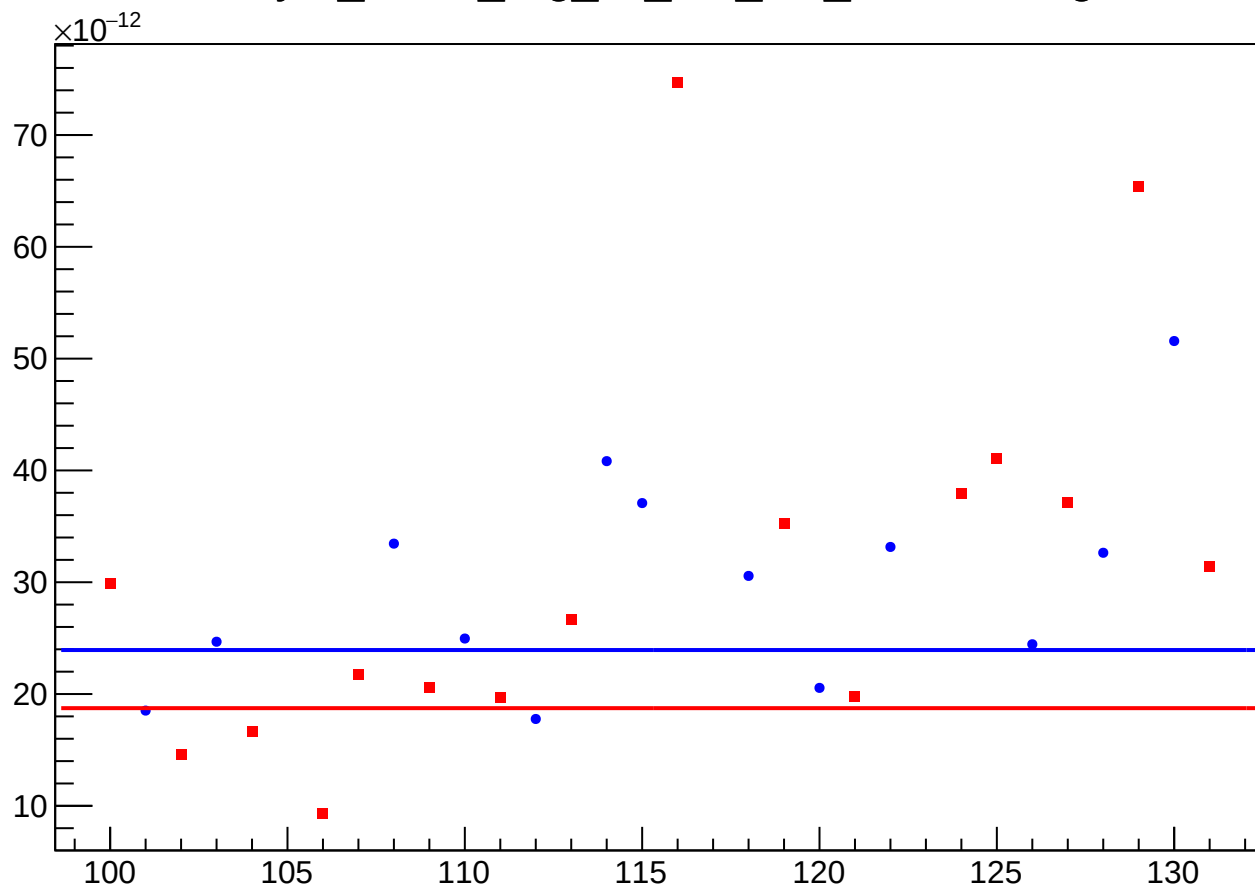
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.8/28

- 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 : 388755.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1162855.6/15

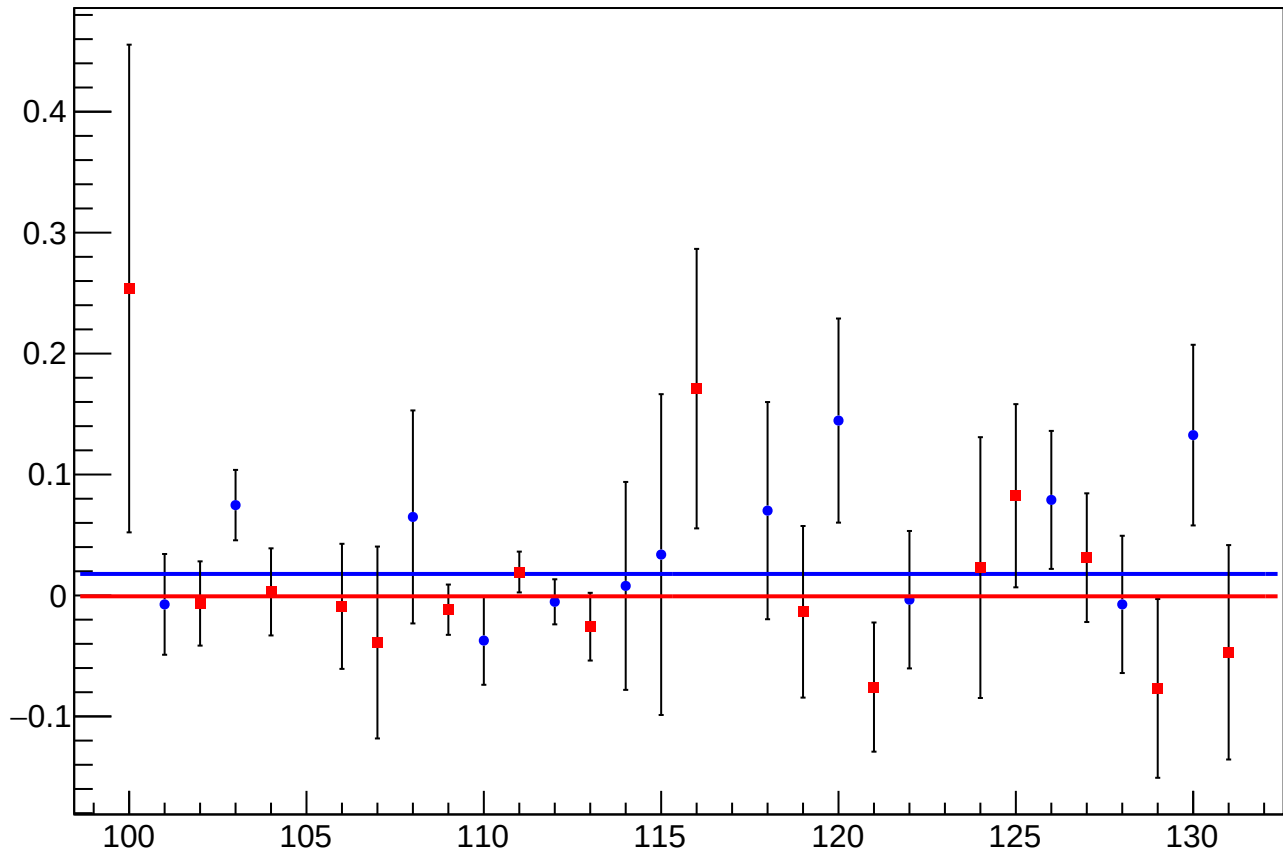
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1693410.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_dit_vs_cor_diff_mean vs Slug



Right In: 0.018 $\pm$ 0.012 χ^2 /NDF: 14.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.010 χ^2 /NDF: 11.6/15

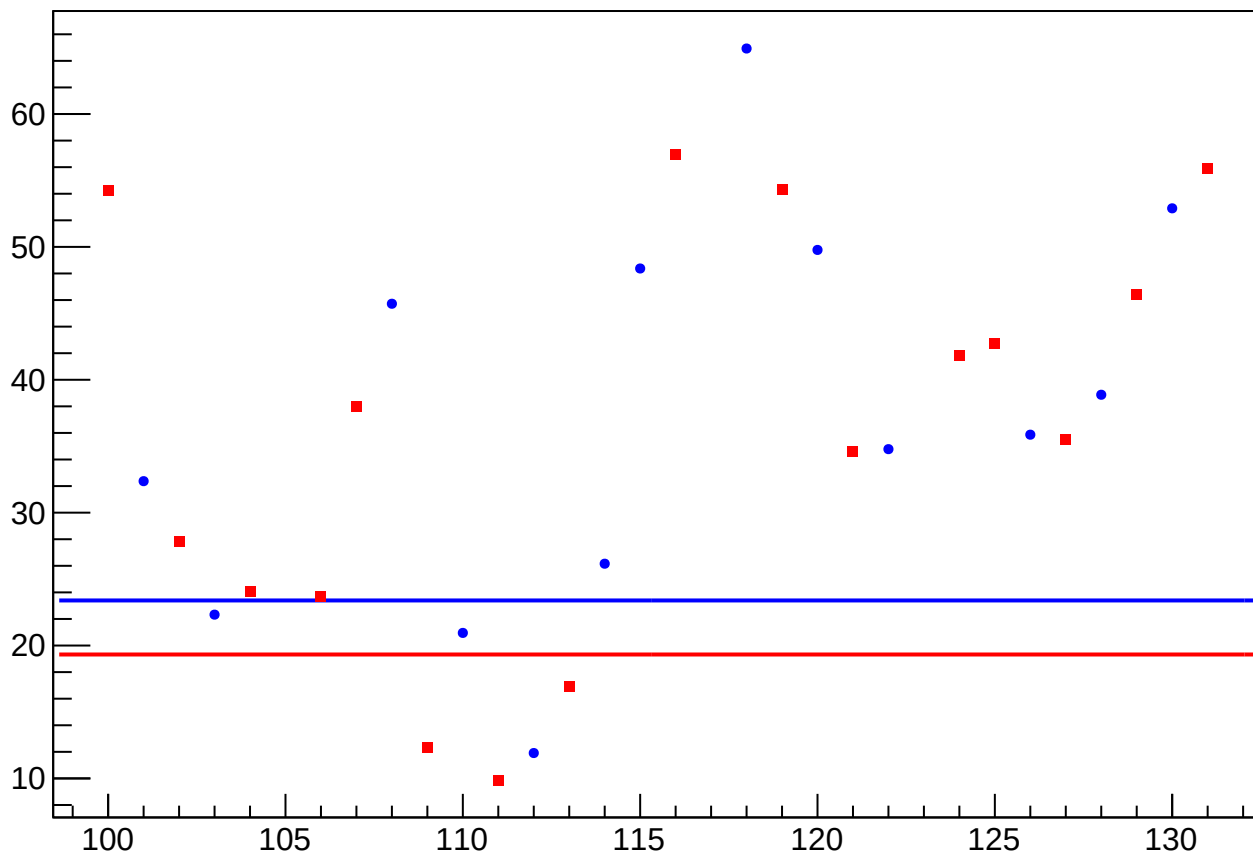
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.007 χ^2 /NDF: 27.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_dit_vs_cor_diff_rms vs Slug



Right In: 23.393 $\pm$ 0.008 χ^2 /NDF: 2325941.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.326 $\pm$ 0.007 χ^2 /NDF: 3148525.8/15

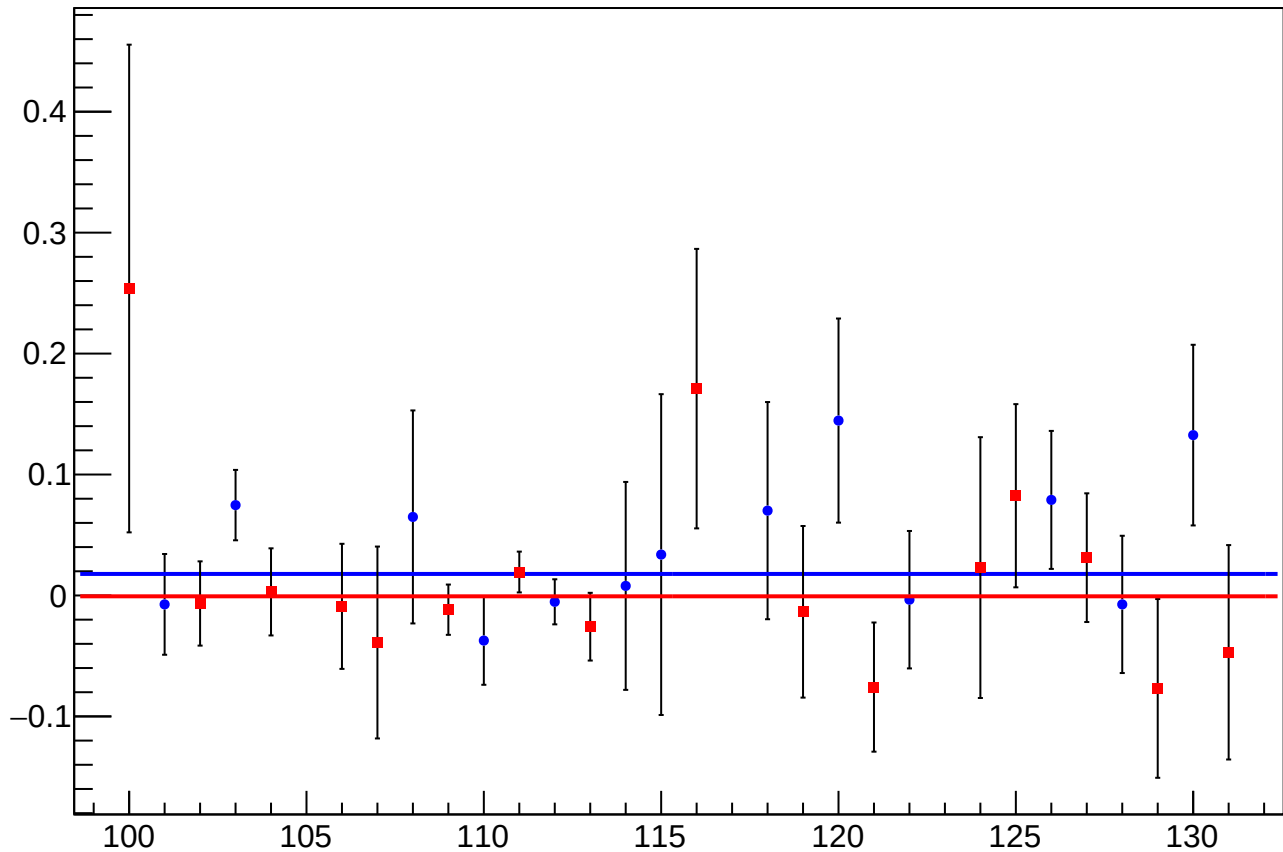
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.935 $\pm$ 0.005 χ^2 /NDF: 5615933.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.018 $\pm$ 0.012 χ^2 /NDF: 14.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.001 $\pm$ 0.010 χ^2 /NDF: 11.6/15

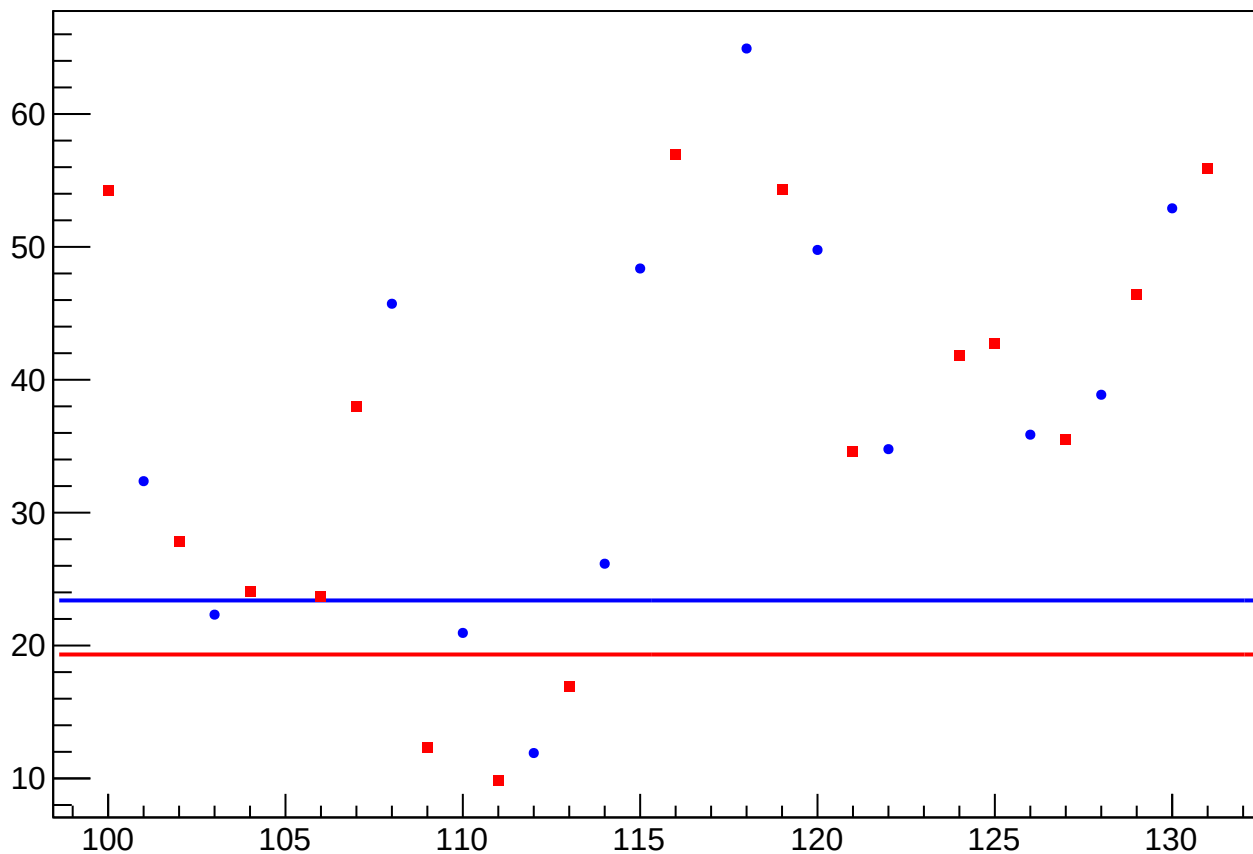
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.007 χ^2 /NDF: 27.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 23.393+/-0.008 χ^2/NDF : 2325941.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.326+/-0.007 χ^2/NDF : 3148525.8/15

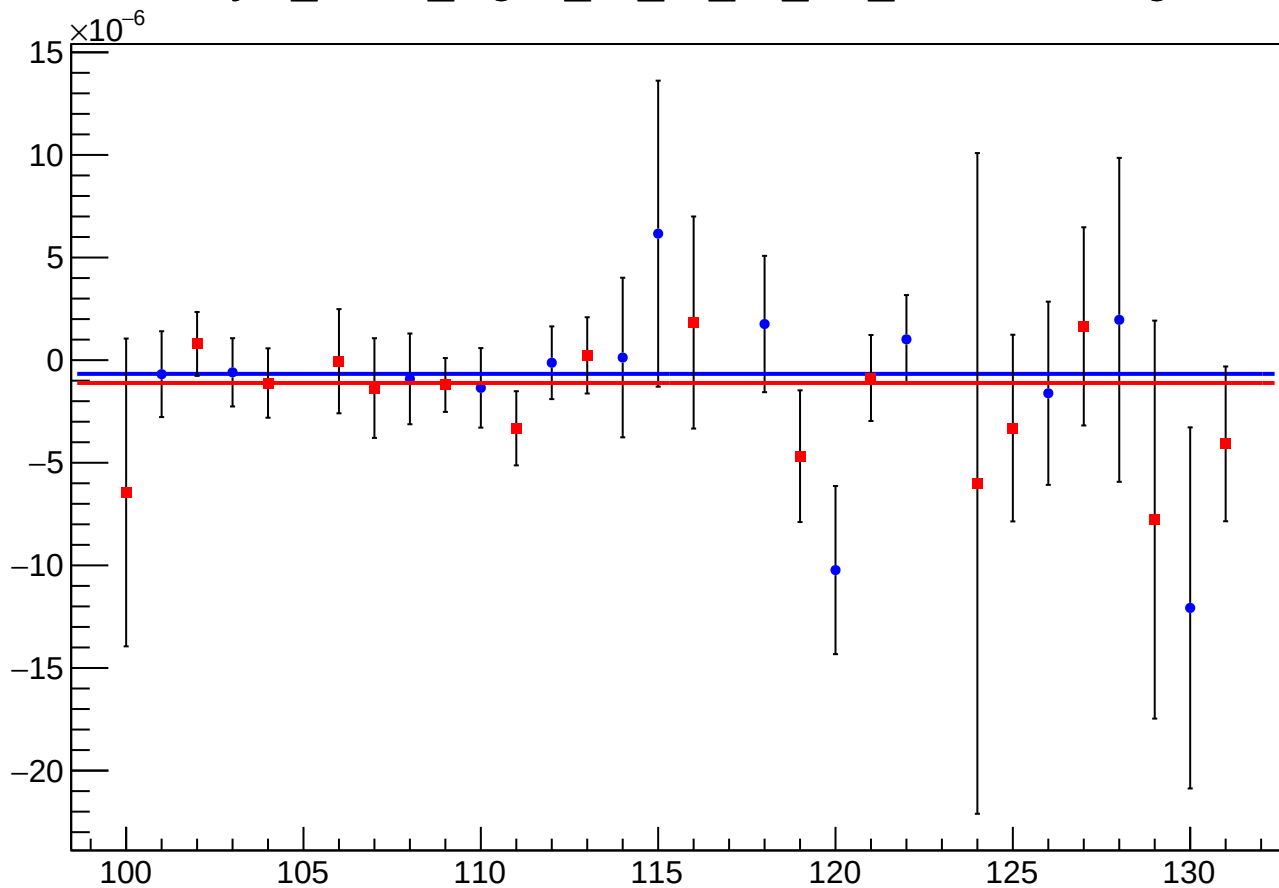
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.935+/-0.005 χ^2/NDF : 5615933.6/28

- 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 : 9.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 7.5/15

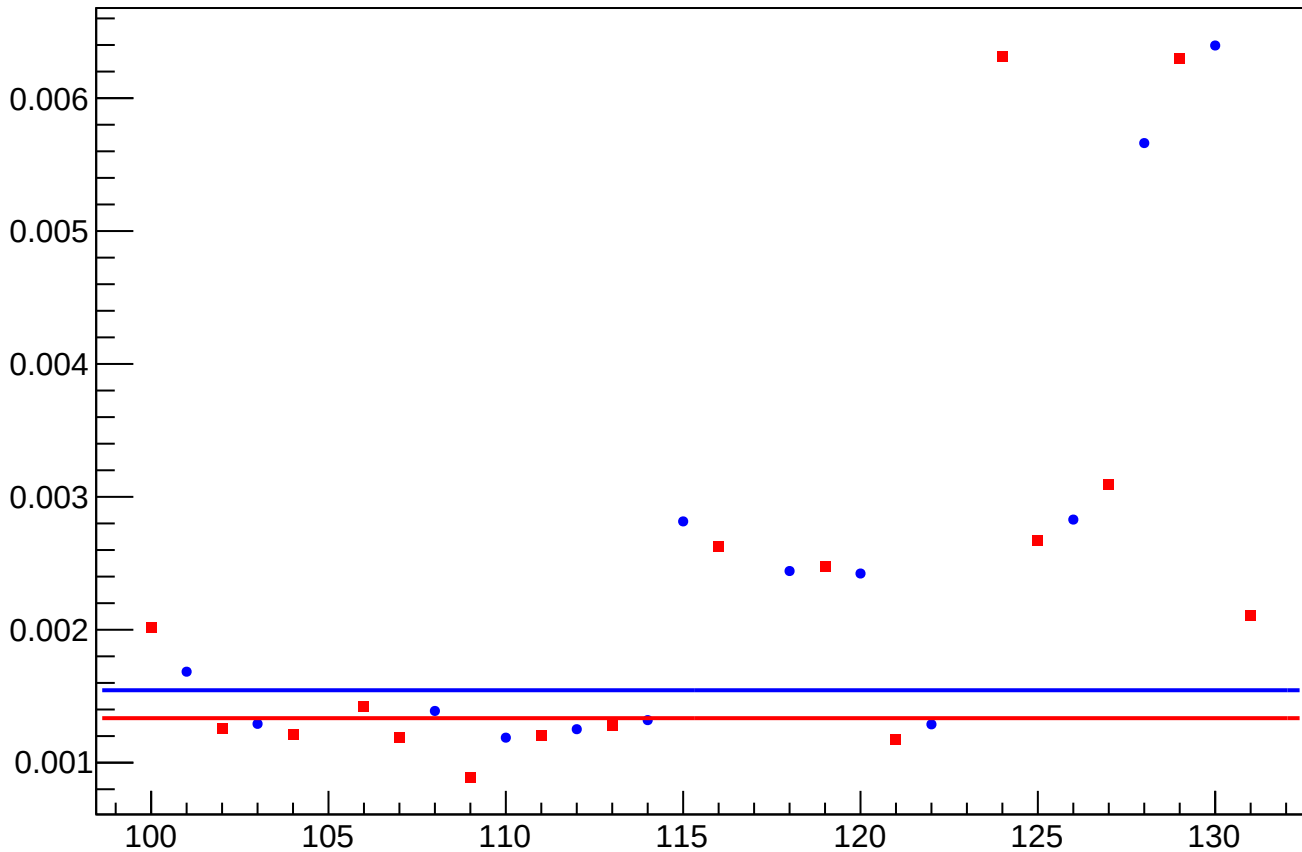
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 17.3/28

- 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 : 1836116.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1912711.2/15

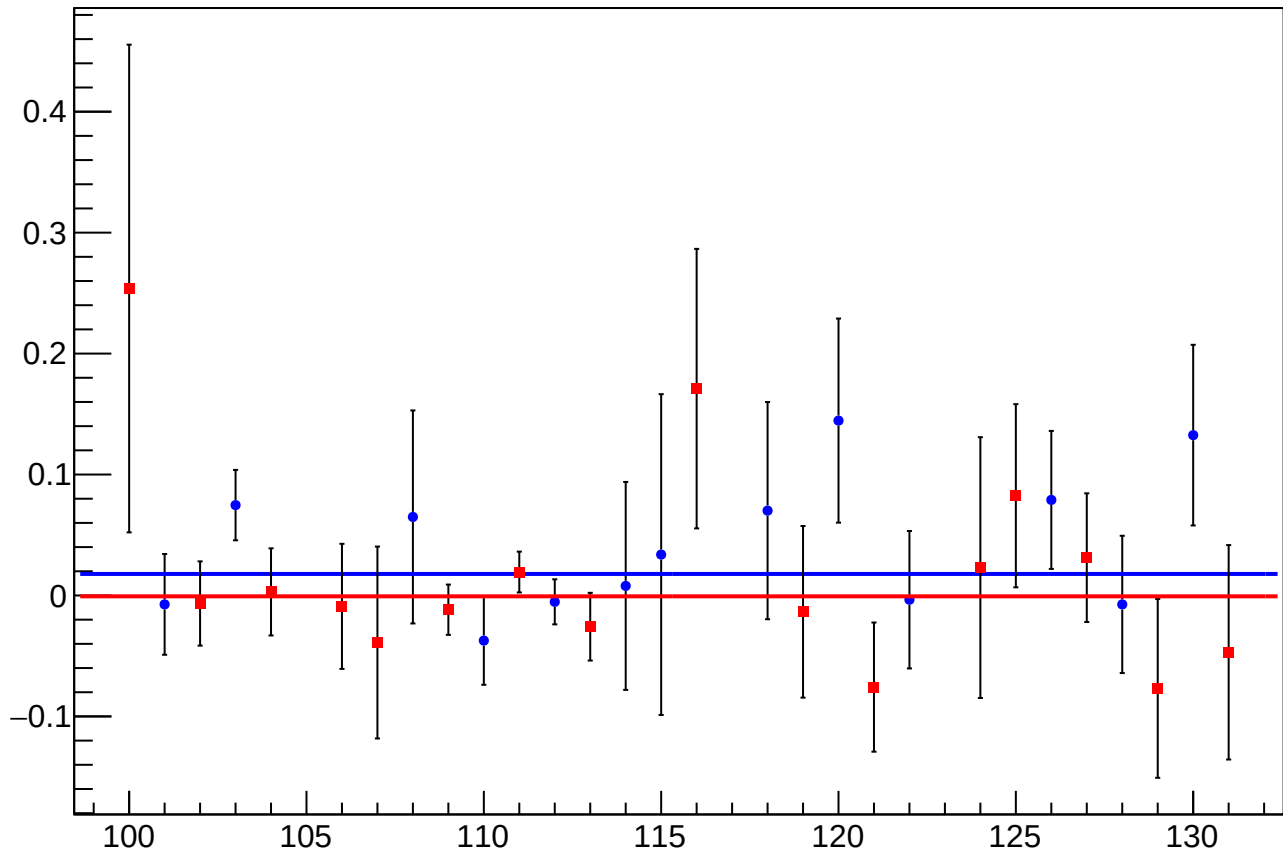
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3849292.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.018 $\pm$ 0.012 χ^2 /NDF: 14.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.001 $\pm$ 0.010 χ^2 /NDF: 11.6/15

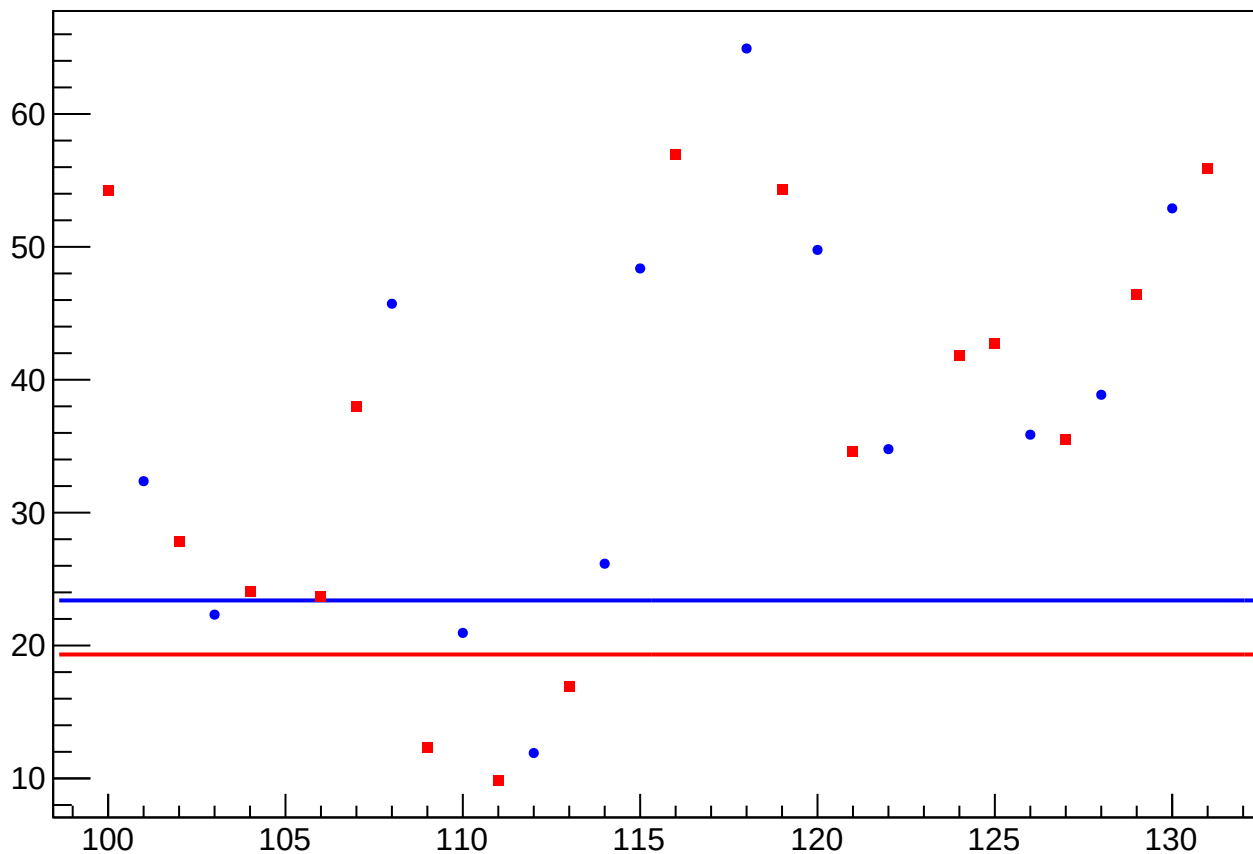
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.007 χ^2 /NDF: 27.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 23.392+/-0.008 χ^2/NDF : 2325867.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.325+/-0.007 χ^2/NDF : 3148517.8/15

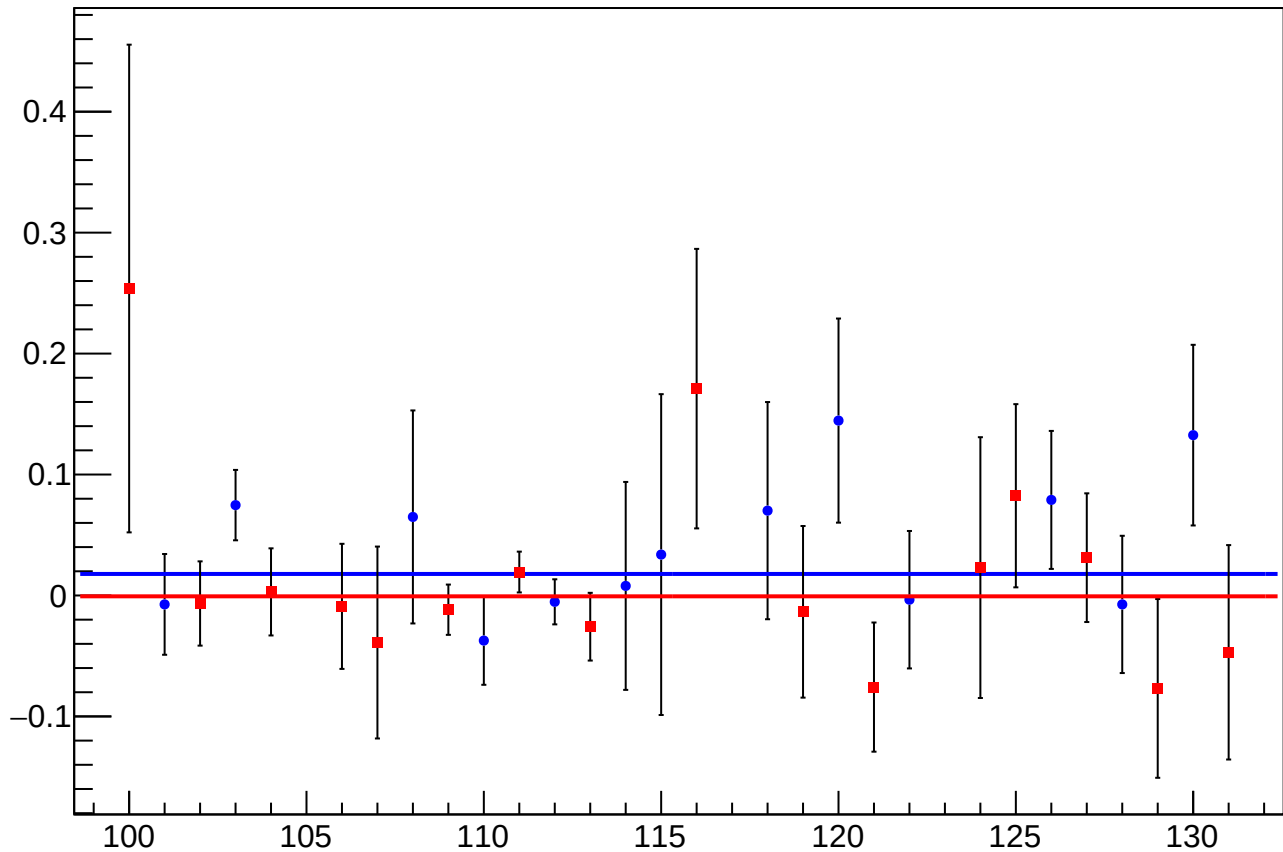
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.935+/-0.005 χ^2/NDF : 5615864.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.018 $\pm$ 0.012 χ^2 /NDF: 14.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.010 χ^2 /NDF: 11.6/15

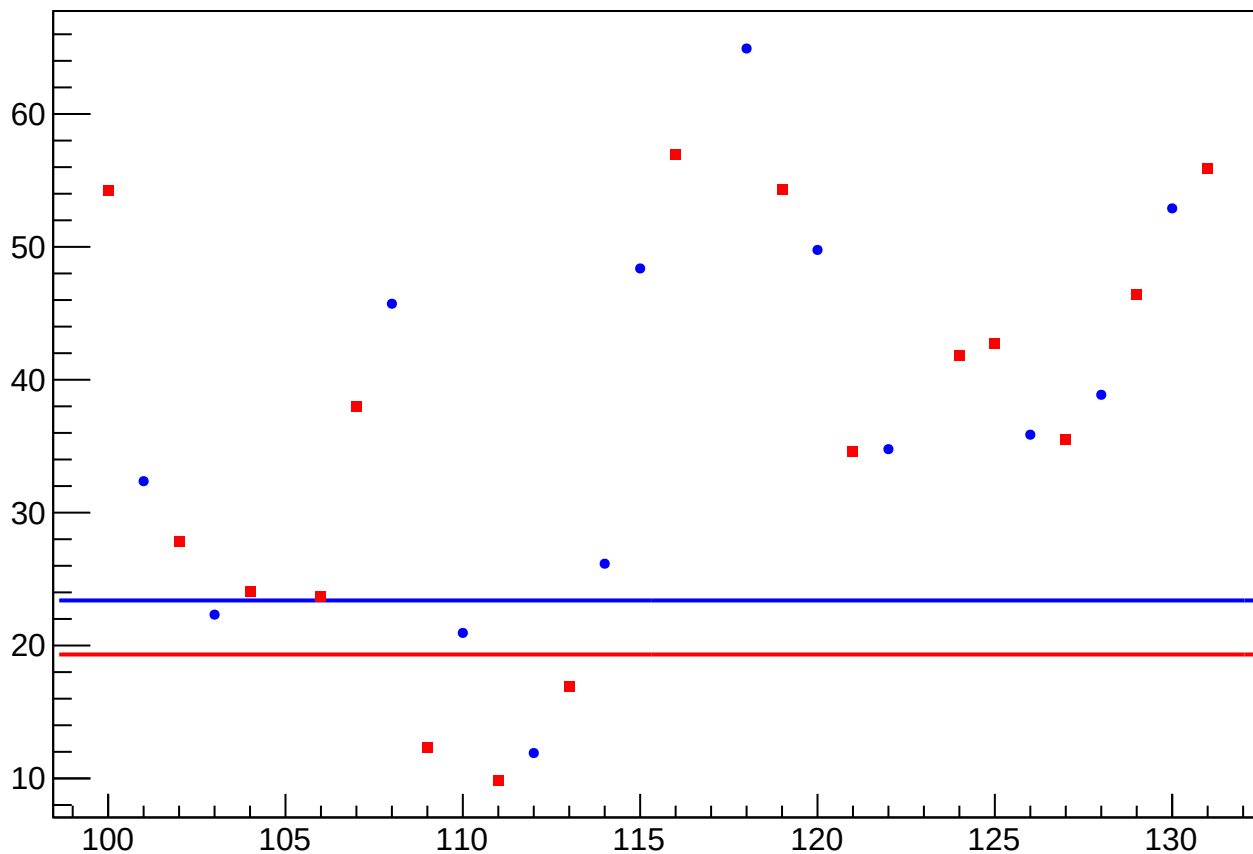
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.007 χ^2 /NDF: 27.8/28

- 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: 23.392 $\pm$ 0.008 χ^2 /NDF: 2325867.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.325 $\pm$ 0.007 χ^2 /NDF: 3148517.8/15

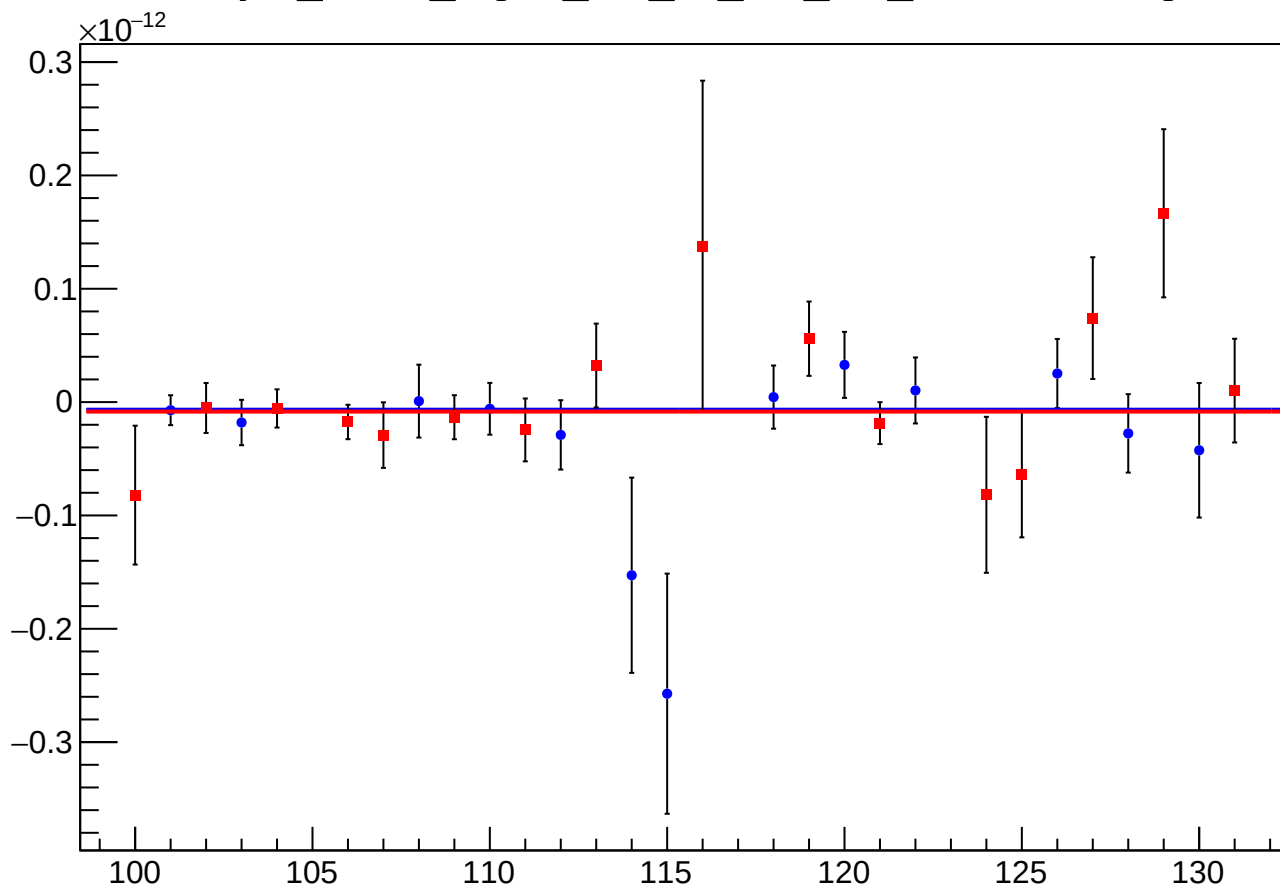
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.935 $\pm$ 0.005 χ^2 /NDF: 5615864.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 19.4/15

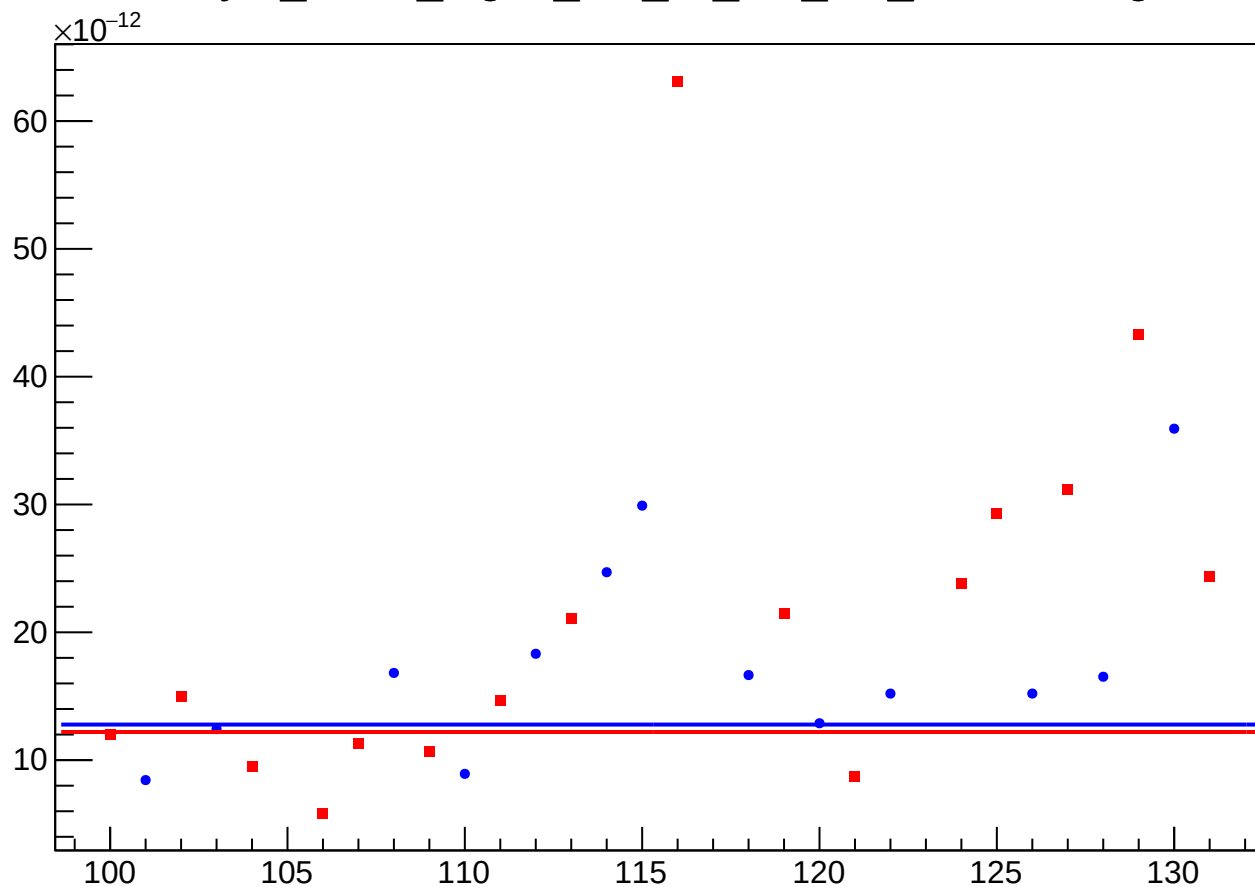
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 32.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 854842.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2044269.1/15

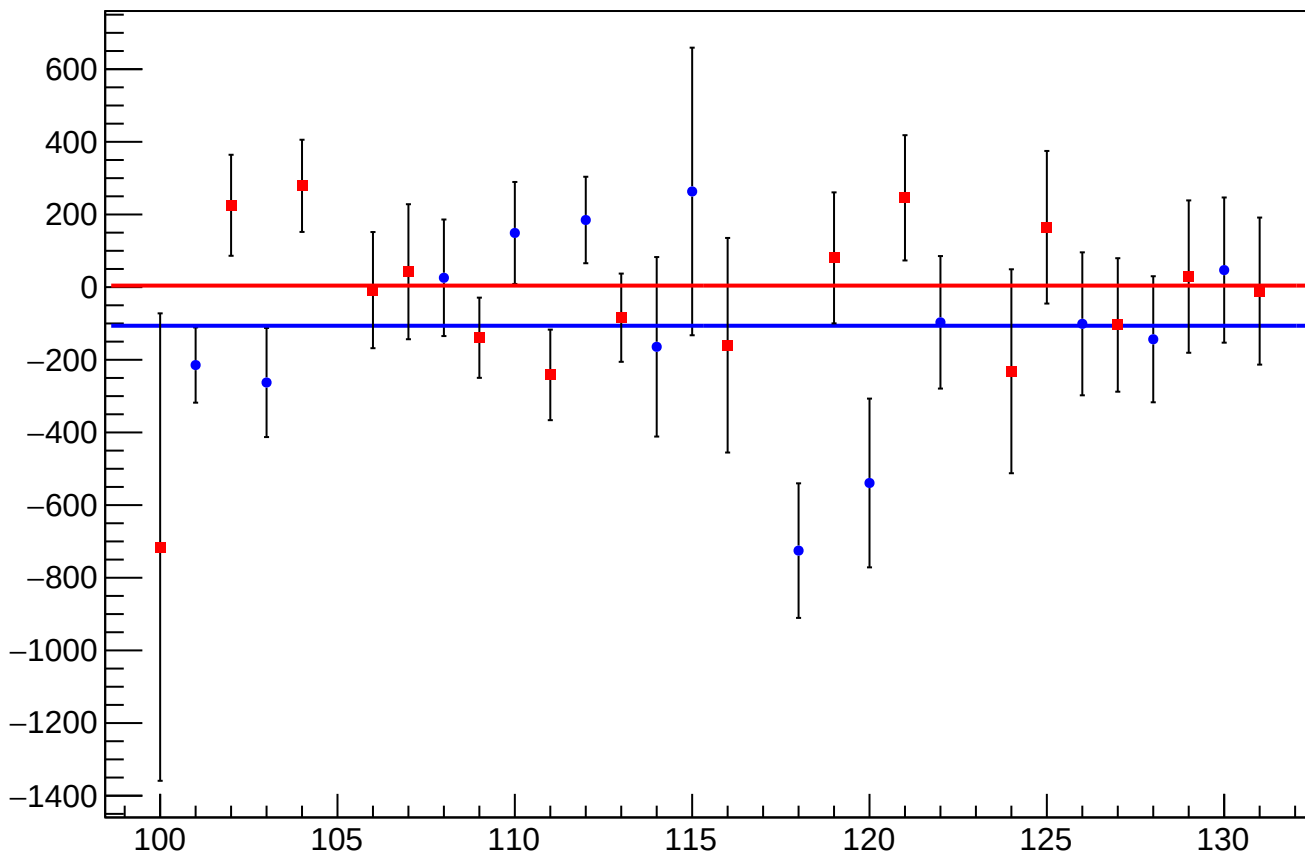
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2905780.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_mean vs Slug



Right In: -106.297+/-45.534 χ^2/NDF : 28.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.238+/-41.288 χ^2/NDF : 18.7/15

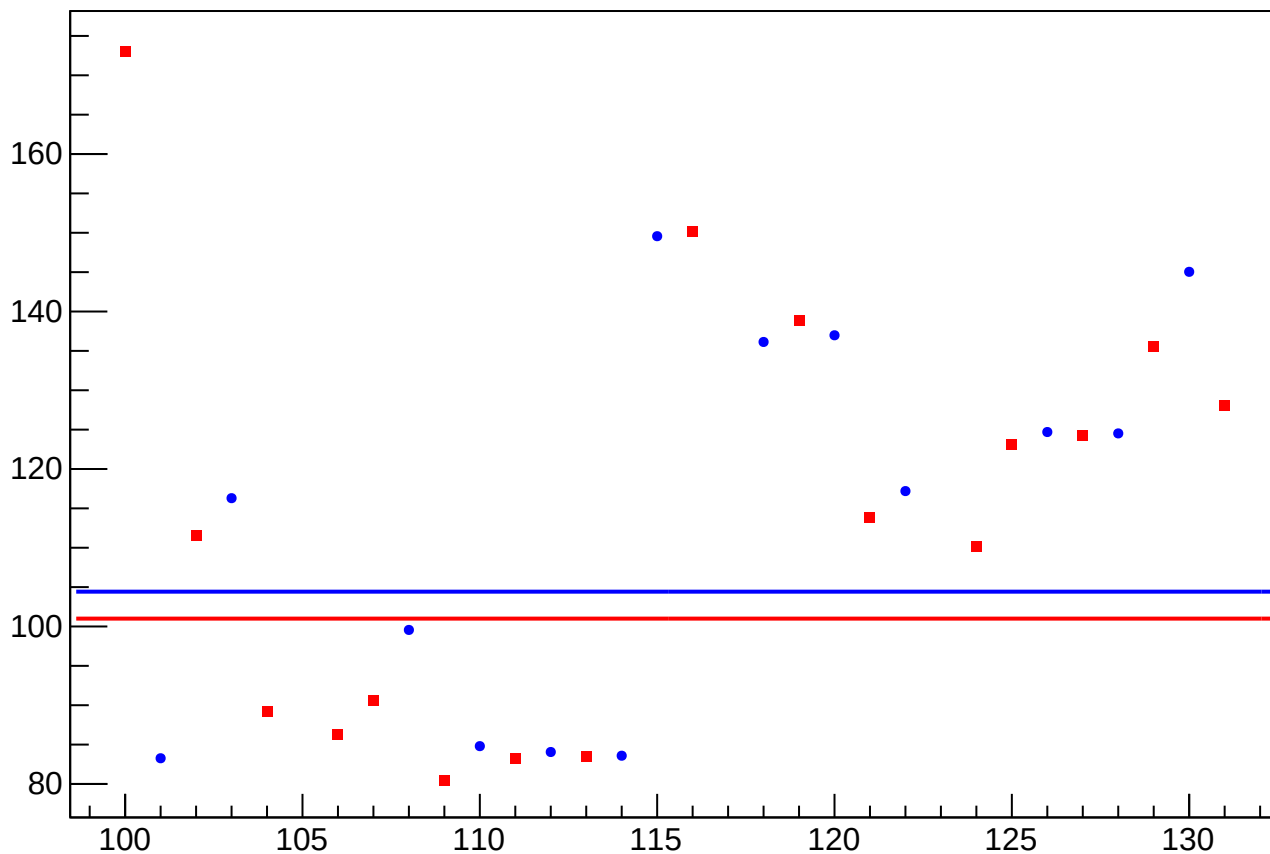
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -45.637+/-30.586 χ^2/NDF : 50.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_rms vs Slug



Right In: 104.422+/-0.032 χ^2/NDF : 474042.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.999+/-0.029 χ^2/NDF : 529531.2/15

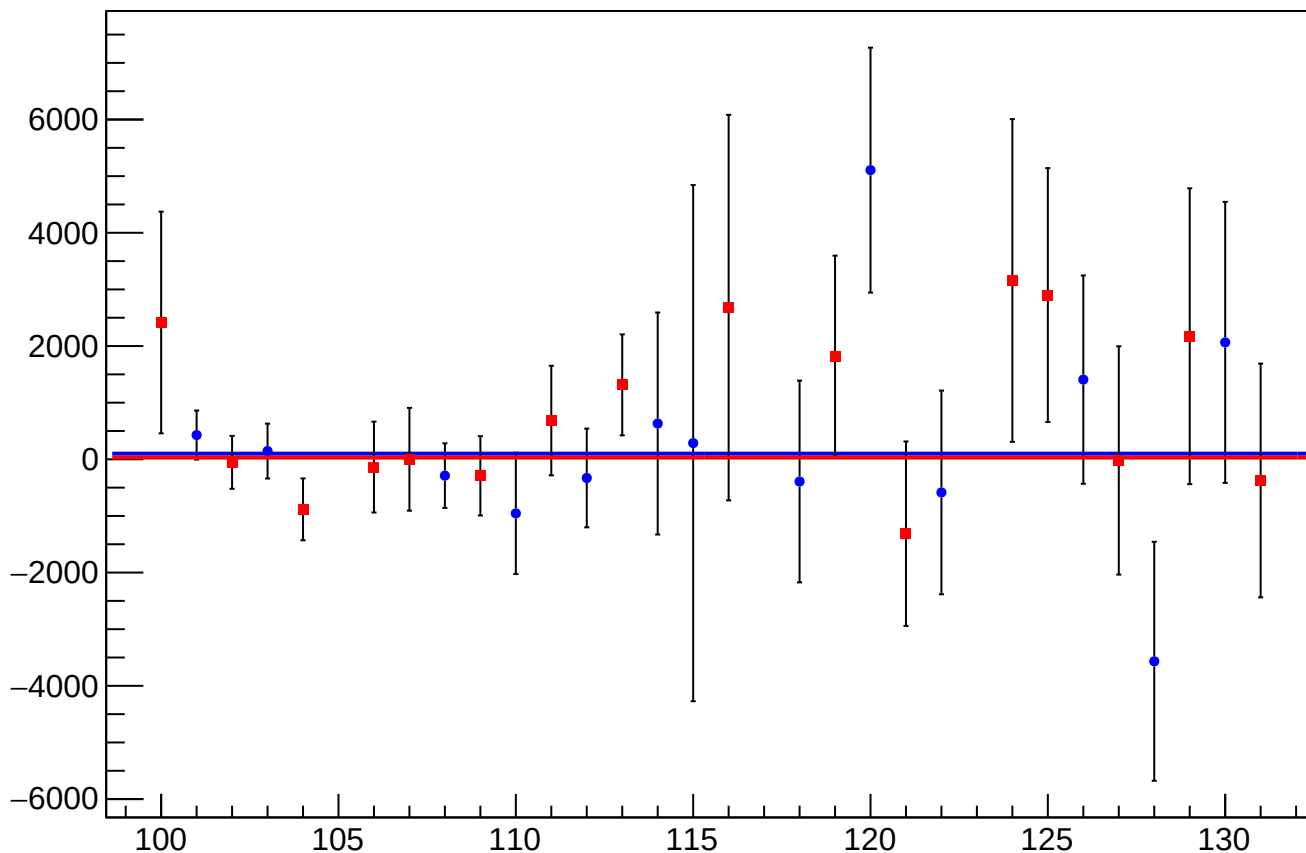
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.544+/-0.022 χ^2/NDF : 1009773.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_reg_correction_mean vs Slug



Right In: 99.970 $\pm$ 244.837 χ^2 /NDF: 12.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 30.033 $\pm$ 242.088 χ^2 /NDF: 13.0/15

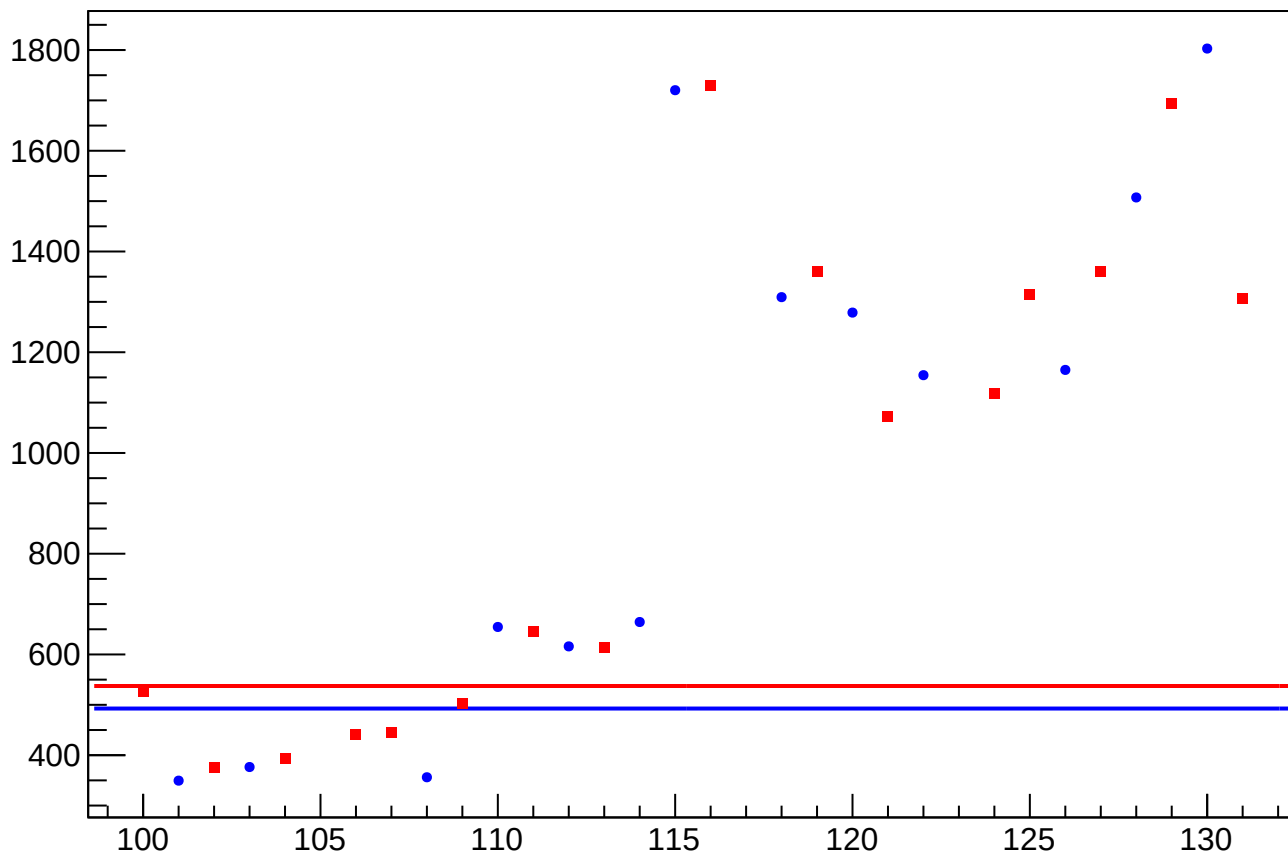
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 64.607 $\pm$ 172.146 χ^2 /NDF: 25.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_reg_correction_rms vs Slug



Right In: 492.623+/-0.173 χ^2/NDF : 2937063.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 537.358+/-0.171 χ^2/NDF : 2693831.5/15

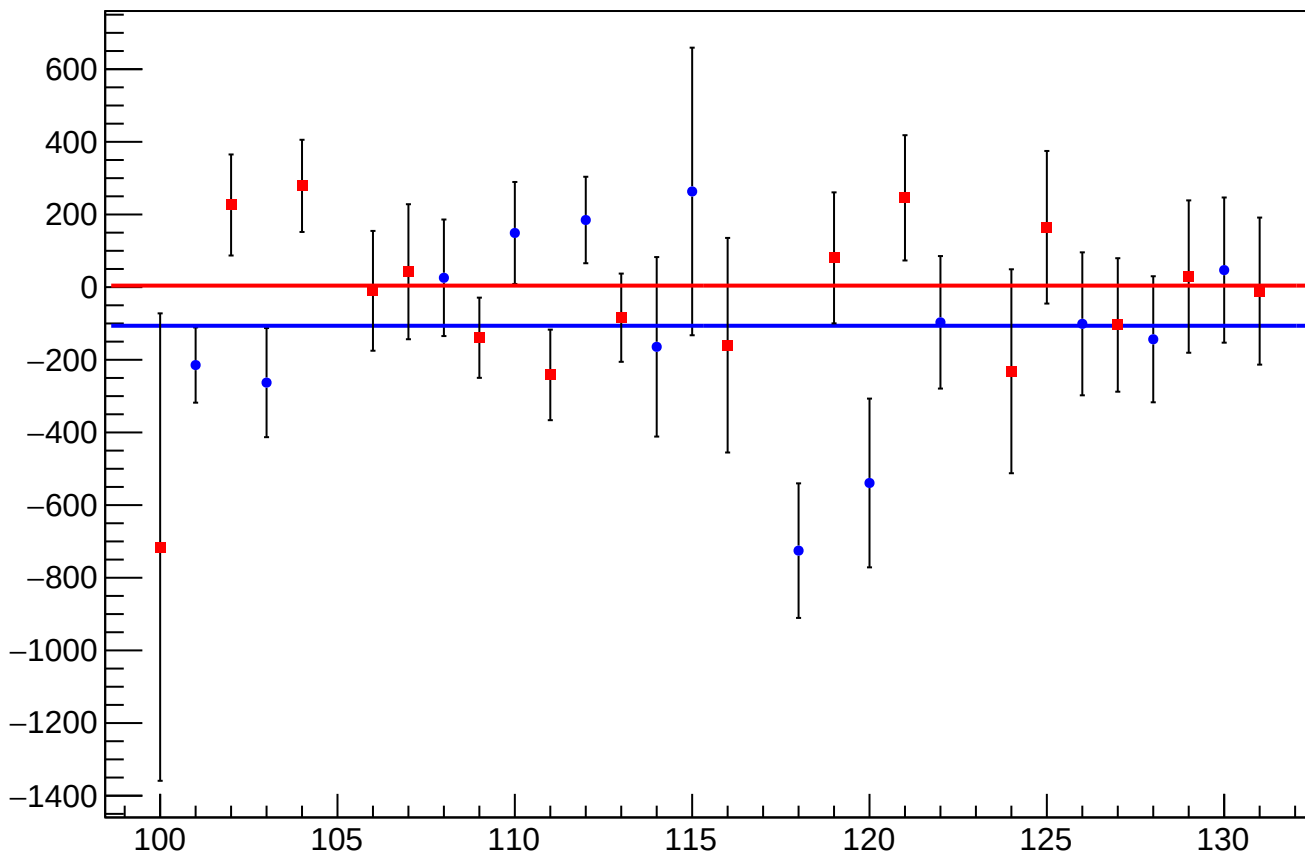
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 515.243+/-0.122 χ^2/NDF : 5664656.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam6_mean vs Slug



Right In: -106.330 $\pm$ 45.534 χ^2 /NDF: 28.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.213 $\pm$ 41.373 χ^2 /NDF: 18.8/15

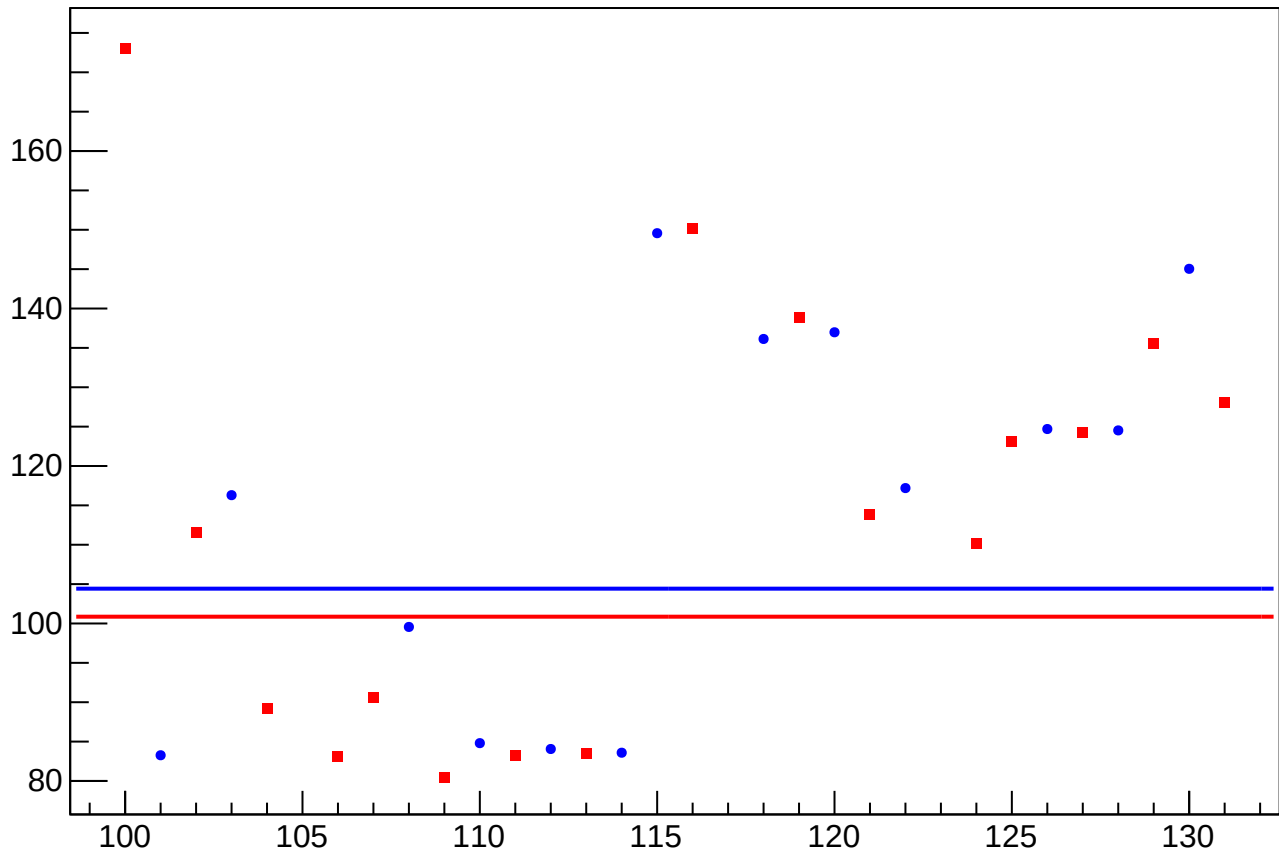
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -45.777 $\pm$ 30.621 χ^2 /NDF: 50.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam6_rms vs Slug



Right In: 104.422 $\pm$ 0.032 χ^2 /NDF: 474044.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 100.863 $\pm$ 0.029 χ^2 /NDF: 536146.1/15

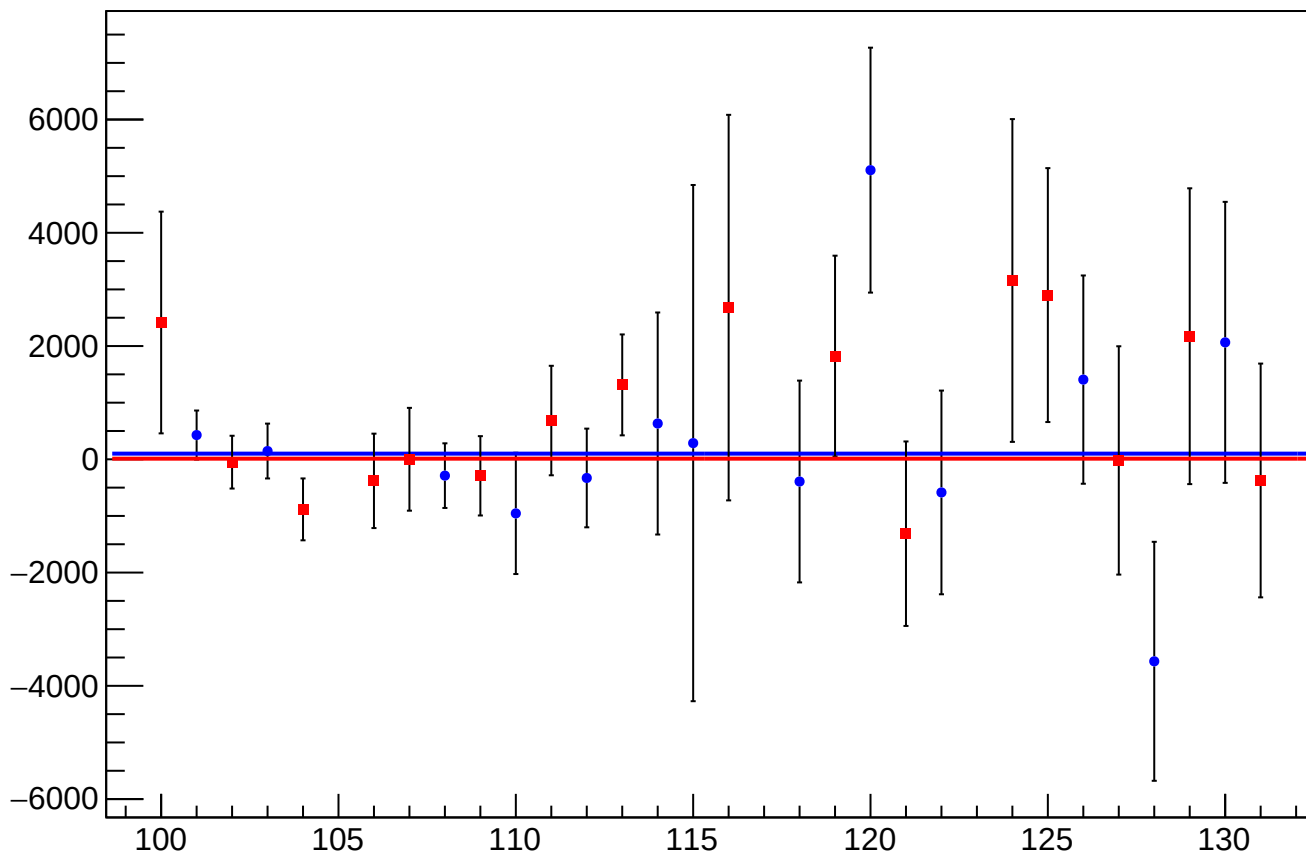
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 102.472 $\pm$ 0.022 χ^2 /NDF: 1016884.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_cor_correction_mean vs Slug



Right In: 100.139 $\pm$ 244.829 χ^2 /NDF: 12.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.366 $\pm$ 242.799 χ^2 /NDF: 13.2/15

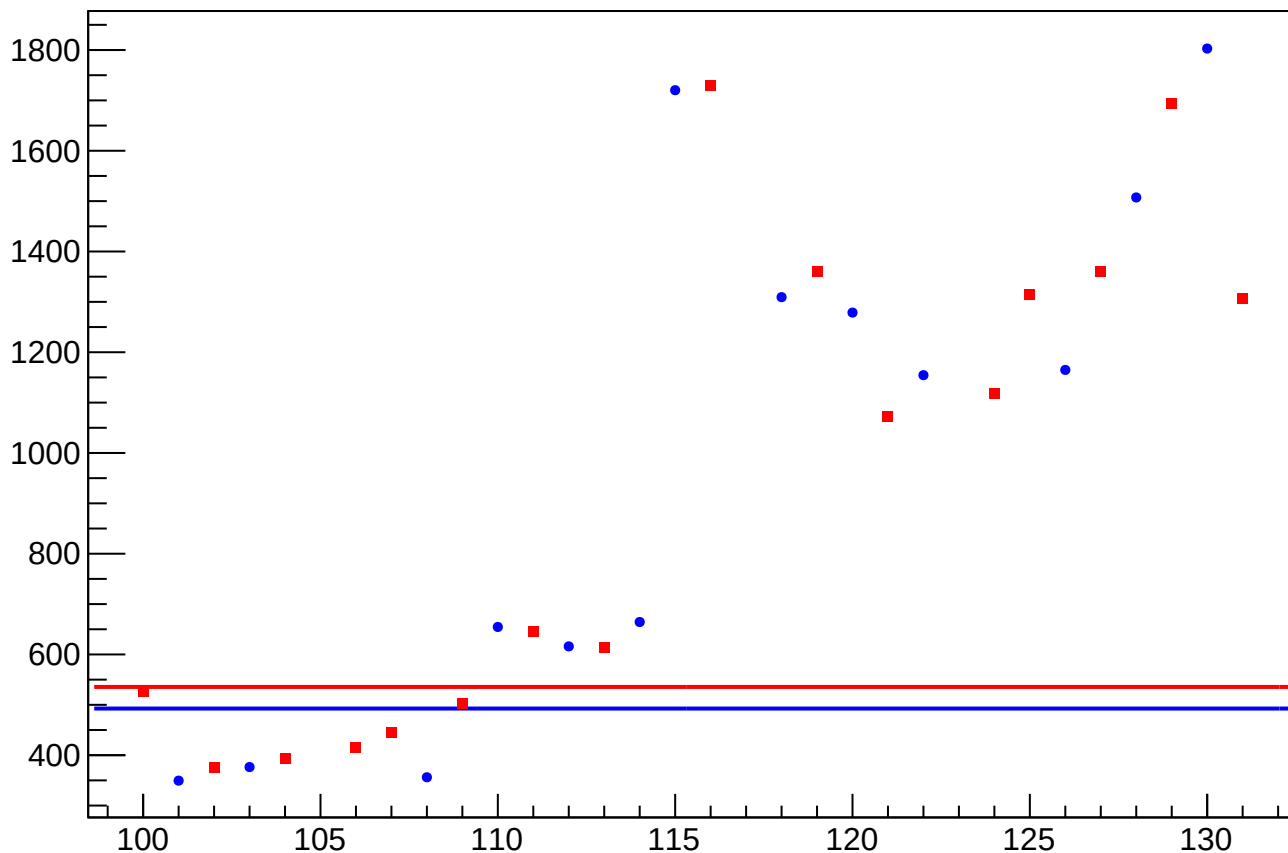
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 55.383 $\pm$ 172.398 χ^2 /NDF: 25.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_cor_correction_rms vs Slug



Right In: 492.602 $\pm$ 0.173 χ^2 /NDF: 2937196.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 535.495 $\pm$ 0.172 χ^2 /NDF: 2710440.0/15

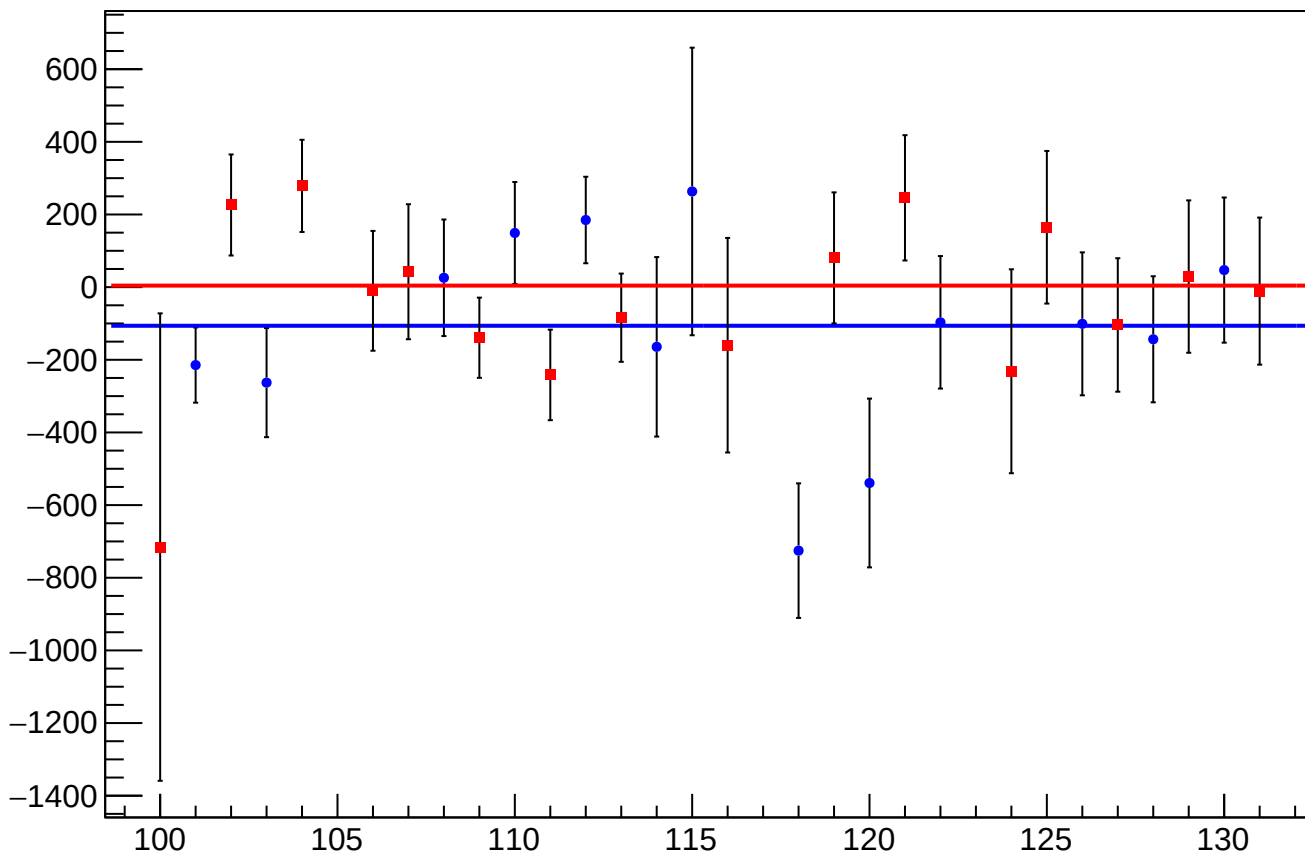
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 514.227 $\pm$ 0.122 χ^2 /NDF: 5678585.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam6_mean vs Slug



Right In: -106.330 $\pm$ 45.534 χ^2 /NDF: 28.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4.213 $\pm$ 41.373 χ^2 /NDF: 18.8/15

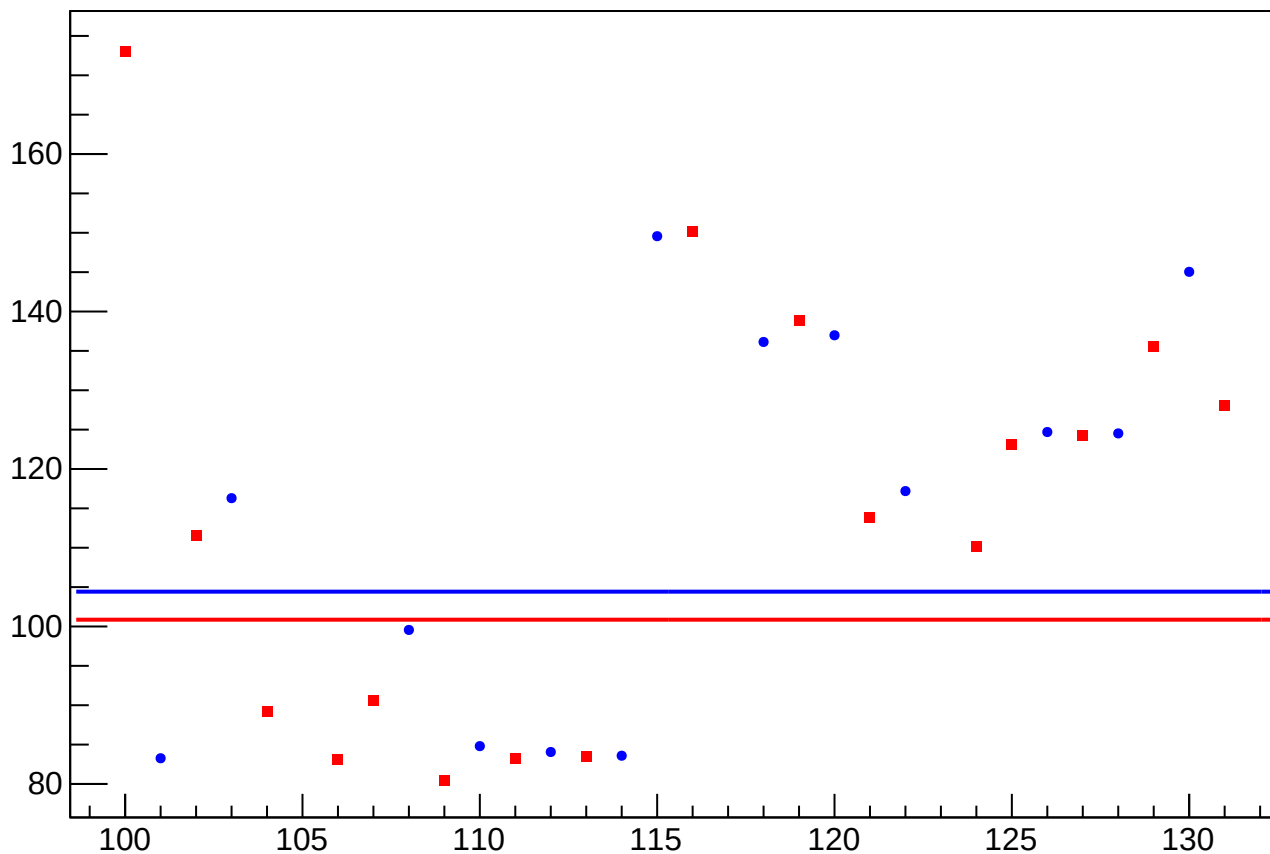
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -45.777 $\pm$ 30.621 χ^2 /NDF: 50.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam6_rms vs Slug



Right In: 104.422 ± 0.032 χ^2/NDF : 474044.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 100.863 ± 0.029 χ^2/NDF : 536146.1/15

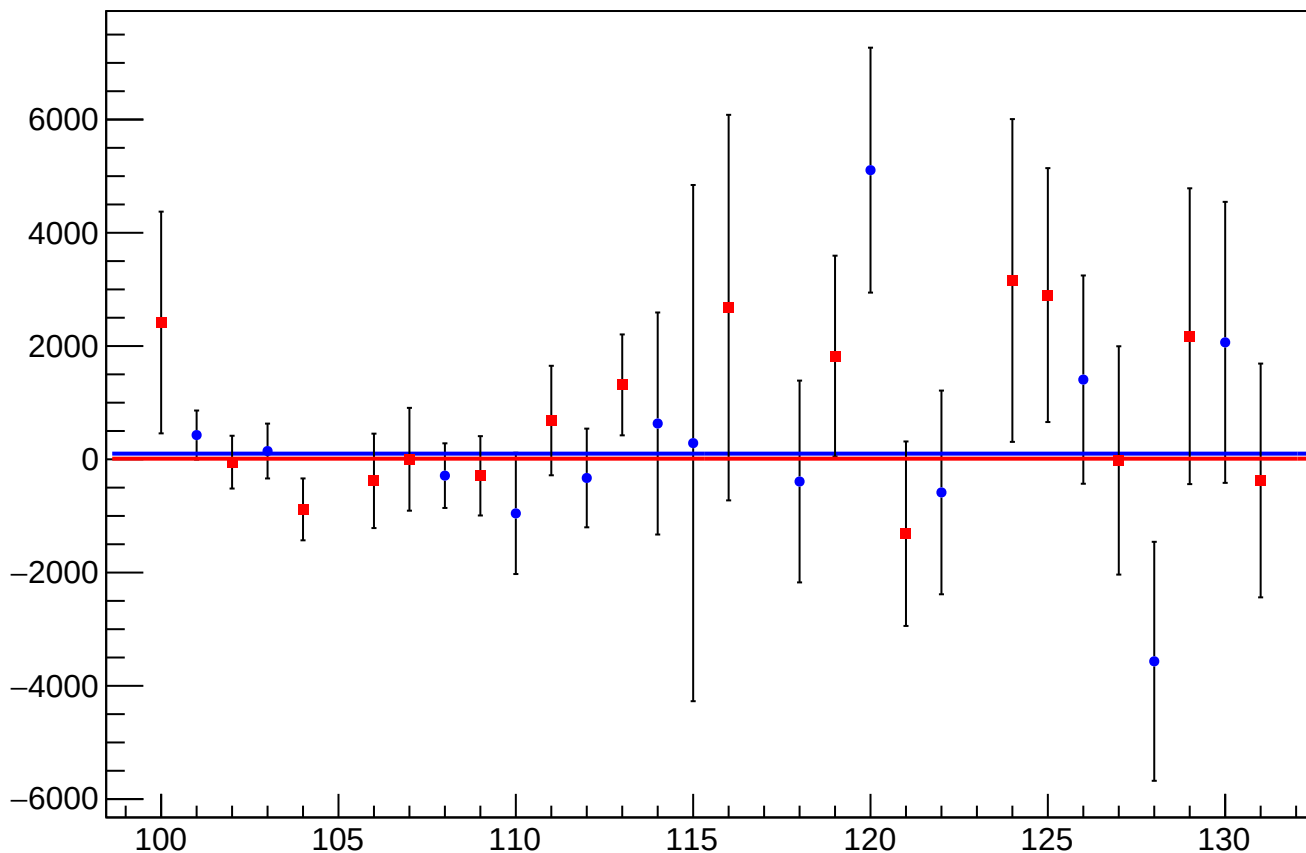
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 102.472 ± 0.022 χ^2/NDF : 1016884.0/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam6_eigen_cor_correction_mean vs Slug



Right In: 100.139+/-244.829 χ^2/NDF : 12.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.366+/-242.799 χ^2/NDF : 13.2/15

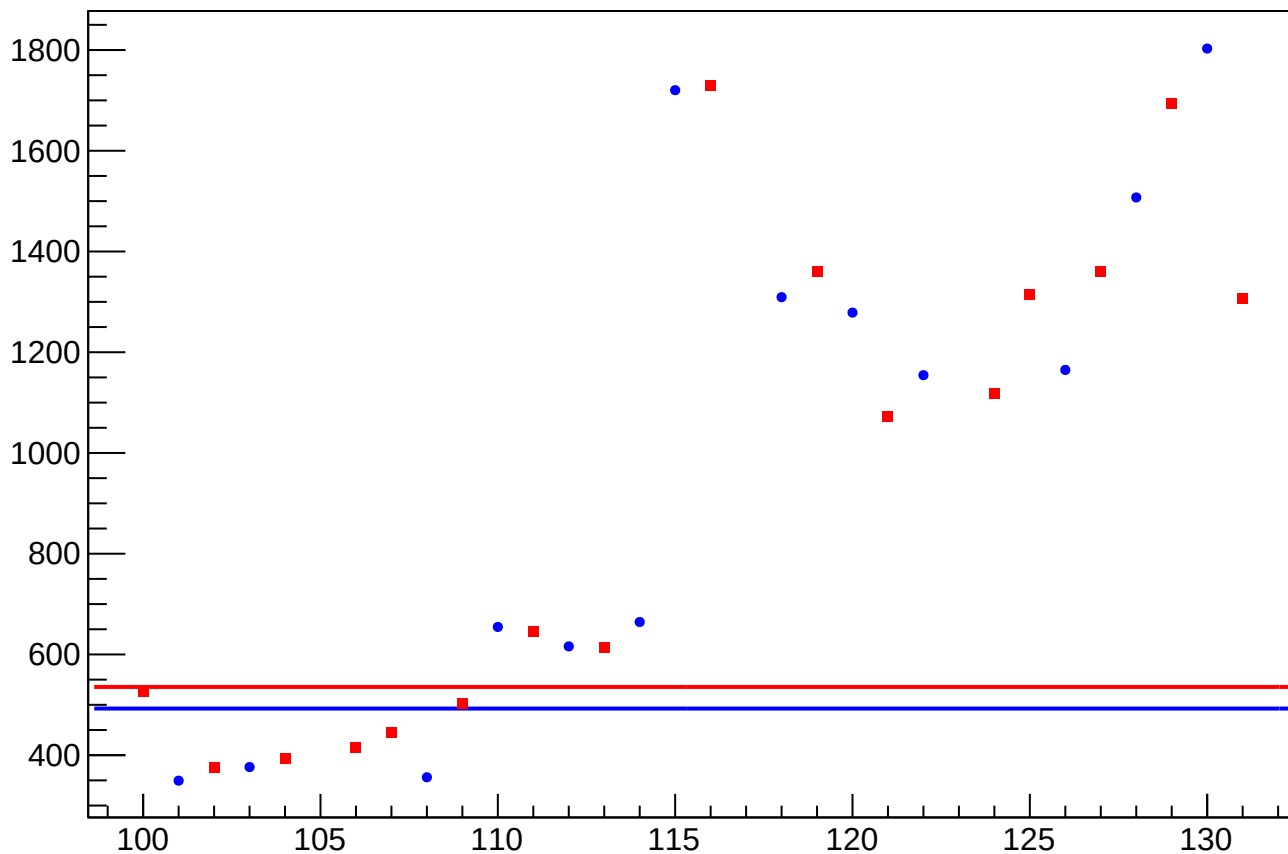
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.383+/-172.398 χ^2/NDF : 25.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_eigen_cor_correction_rms vs Slug



Right In: 492.602 $\pm$ 0.173 χ^2 /NDF: 2937196.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 535.495 $\pm$ 0.172 χ^2 /NDF: 2710440.0/15

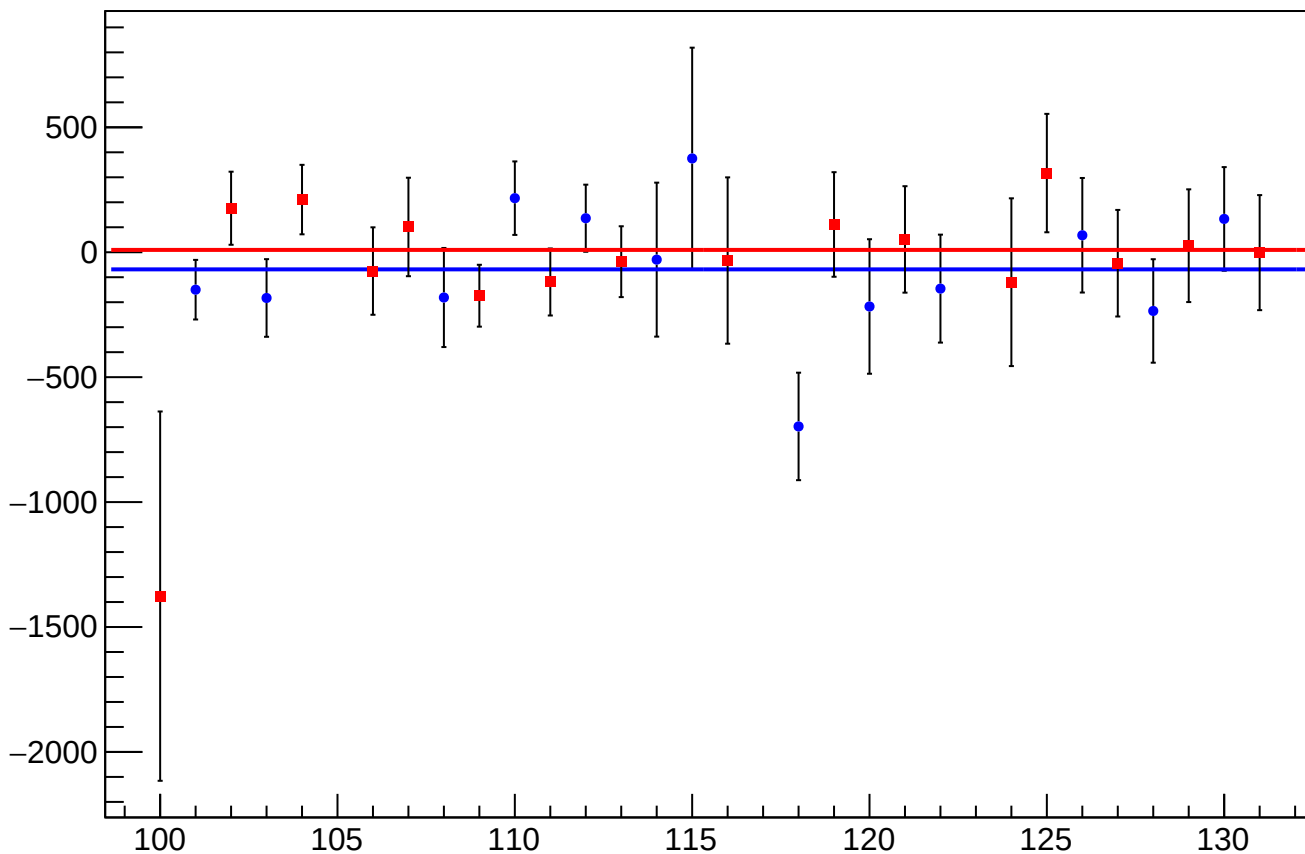
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 514.227 $\pm$ 0.122 χ^2 /NDF: 5678585.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam6_mean vs Slug



Right In: -68.555 ± 51.513 χ^2/NDF : 19.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 9.321 ± 46.110 χ^2/NDF : 12.8/15

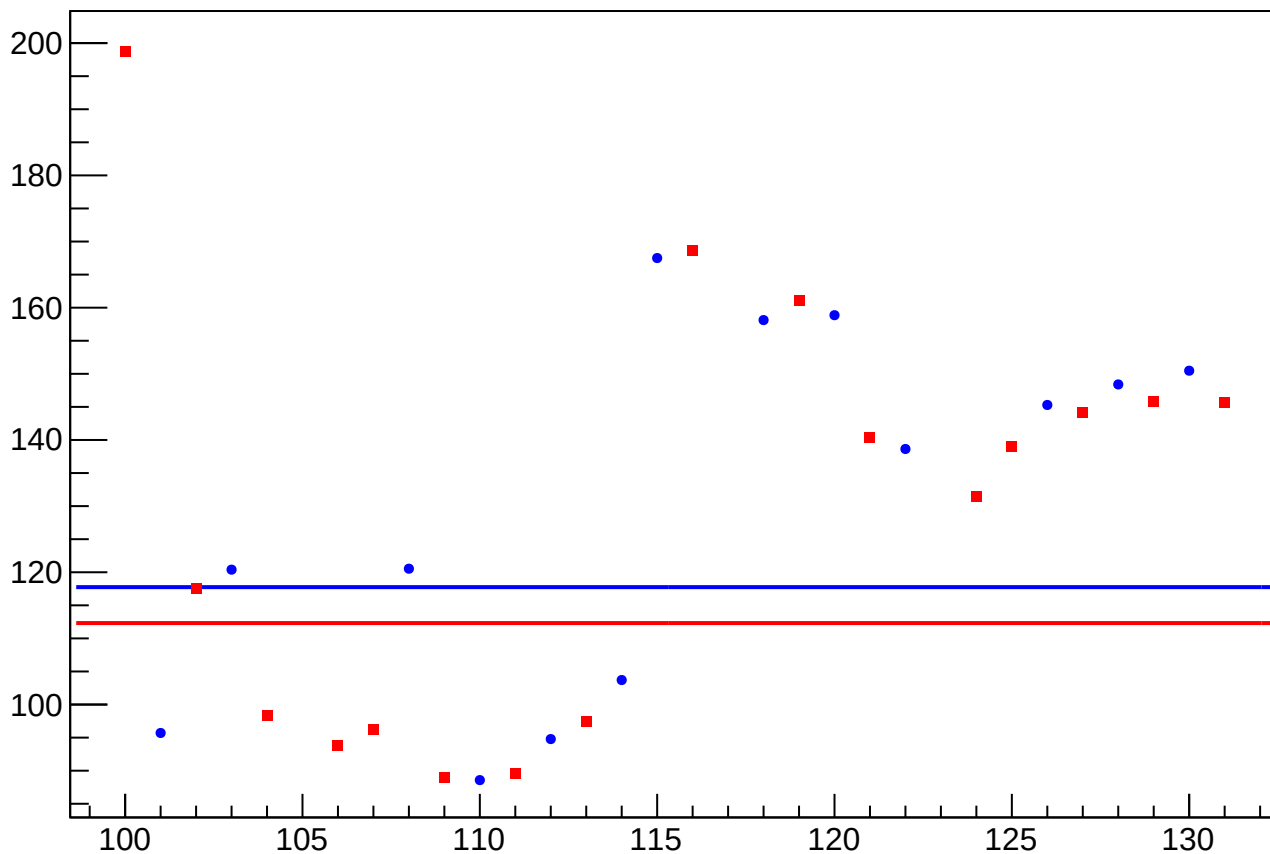
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.321 ± 34.357 χ^2/NDF : 33.4/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam6_rms vs Slug



Right In: 117.751 $\pm$ 0.036 χ^2 /NDF: 494071.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 112.319 $\pm$ 0.033 χ^2 /NDF: 599691.1/15

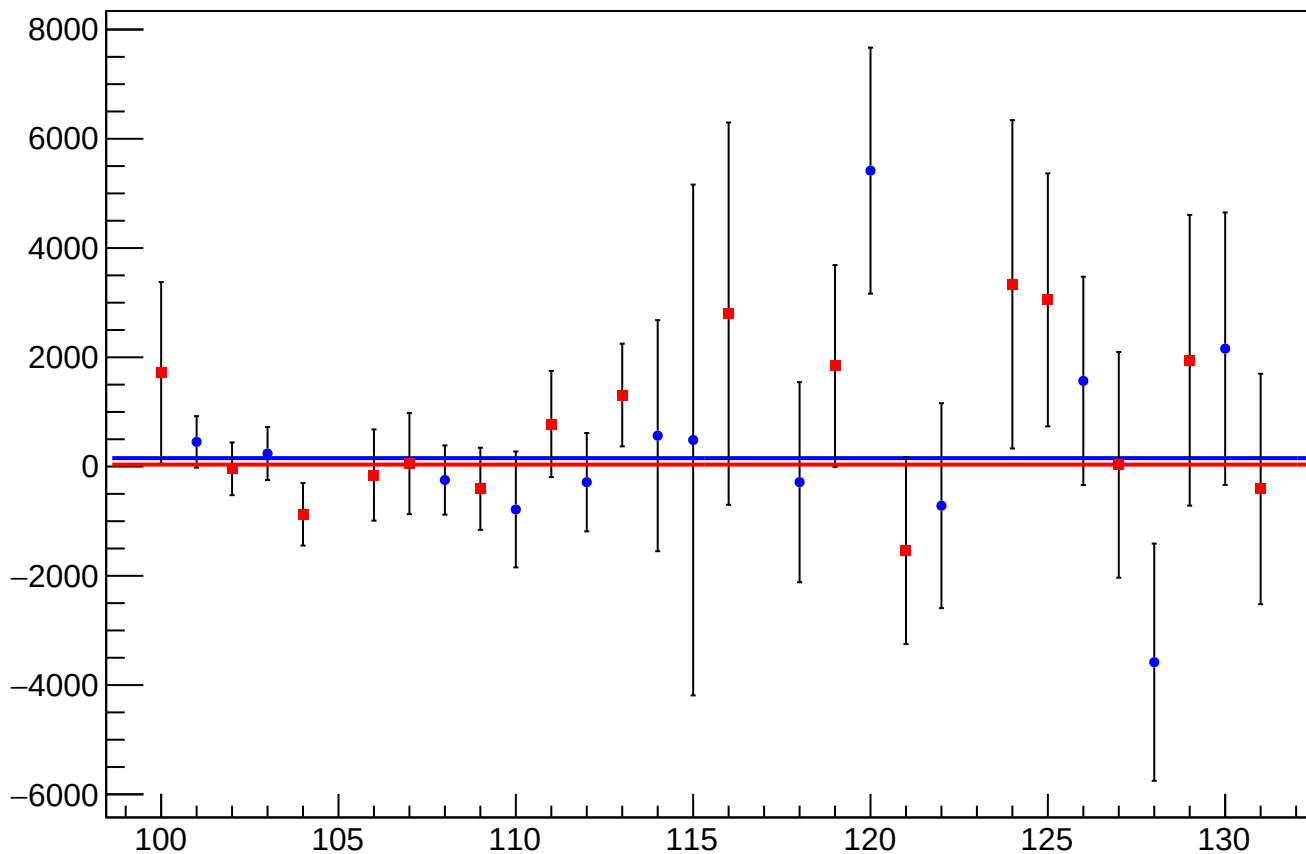
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 114.735 $\pm$ 0.024 χ^2 /NDF: 1106109.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_dit_correction_mean vs Slug



Right In: 154.342 $\pm$ 257.840 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 35.846 $\pm$ 250.820 χ^2 /NDF: 12.3/15

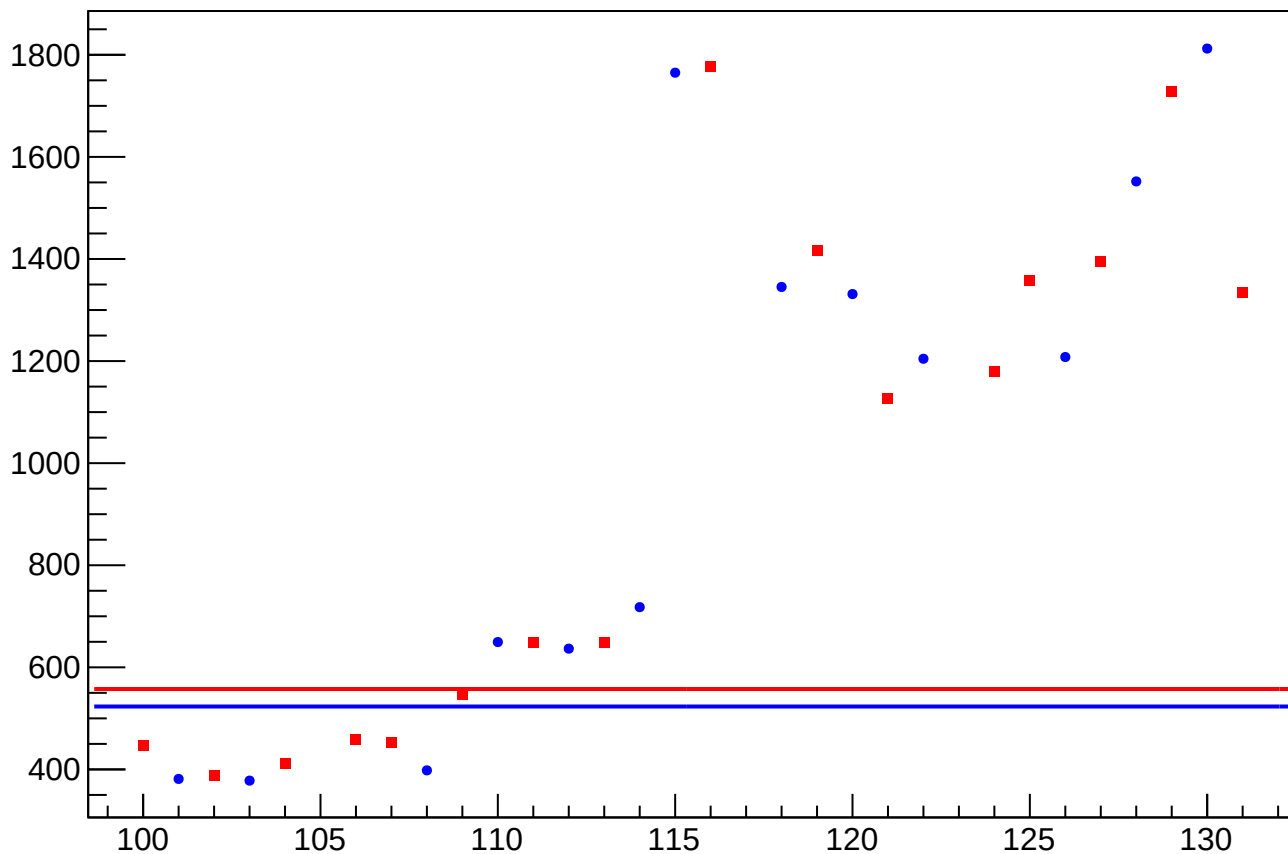
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 93.459 $\pm$ 179.787 χ^2 /NDF: 24.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_dit_correction_rms vs Slug



Right In: 523.257+/-0.182 χ^2/NDF : 2821009.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 557.572+/-0.177 χ^2/NDF : 2686602.9/15

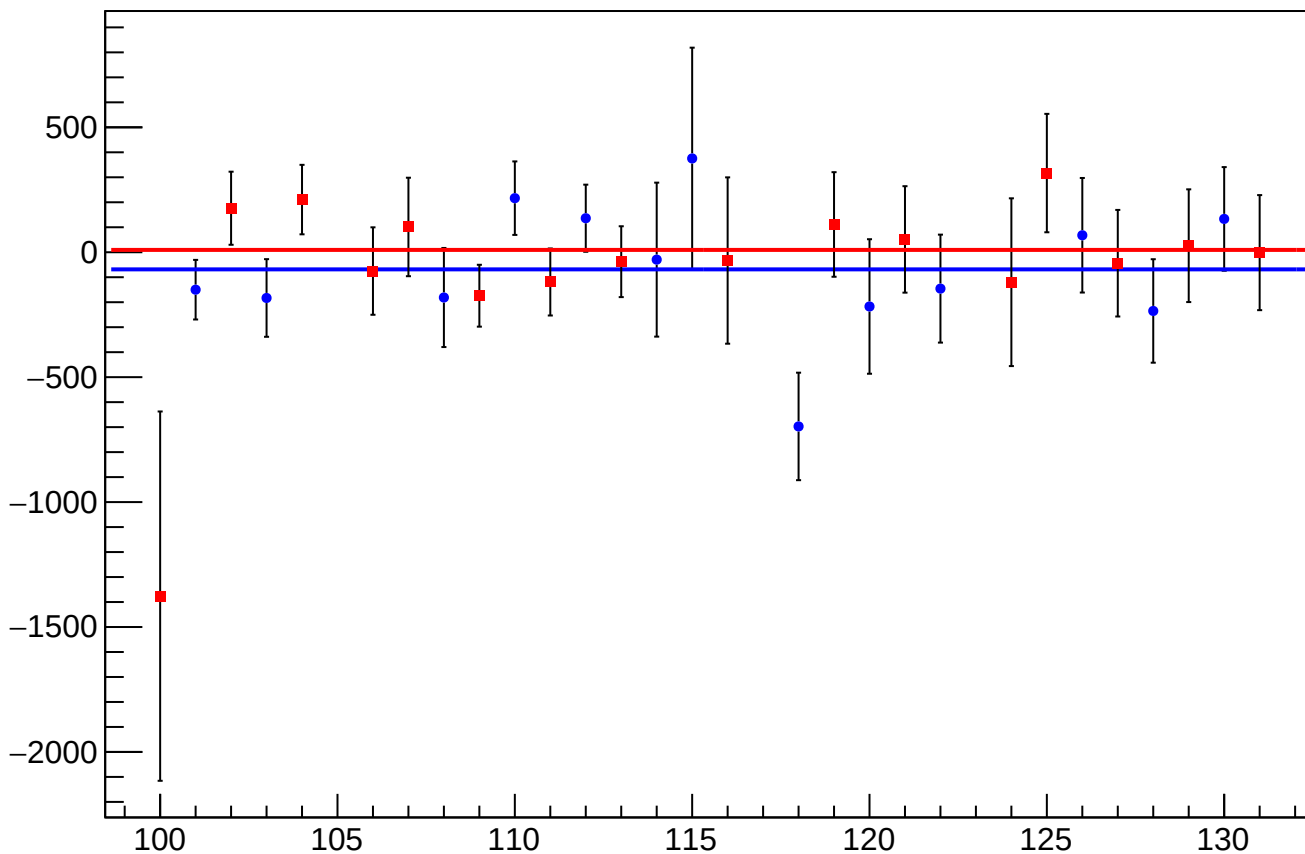
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 540.888+/-0.127 χ^2/NDF : 5525814.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam6_mean vs Slug



Right In: -68.557 ± 51.513 χ^2/NDF : 19.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 9.319 ± 46.110 χ^2/NDF : 12.8/15

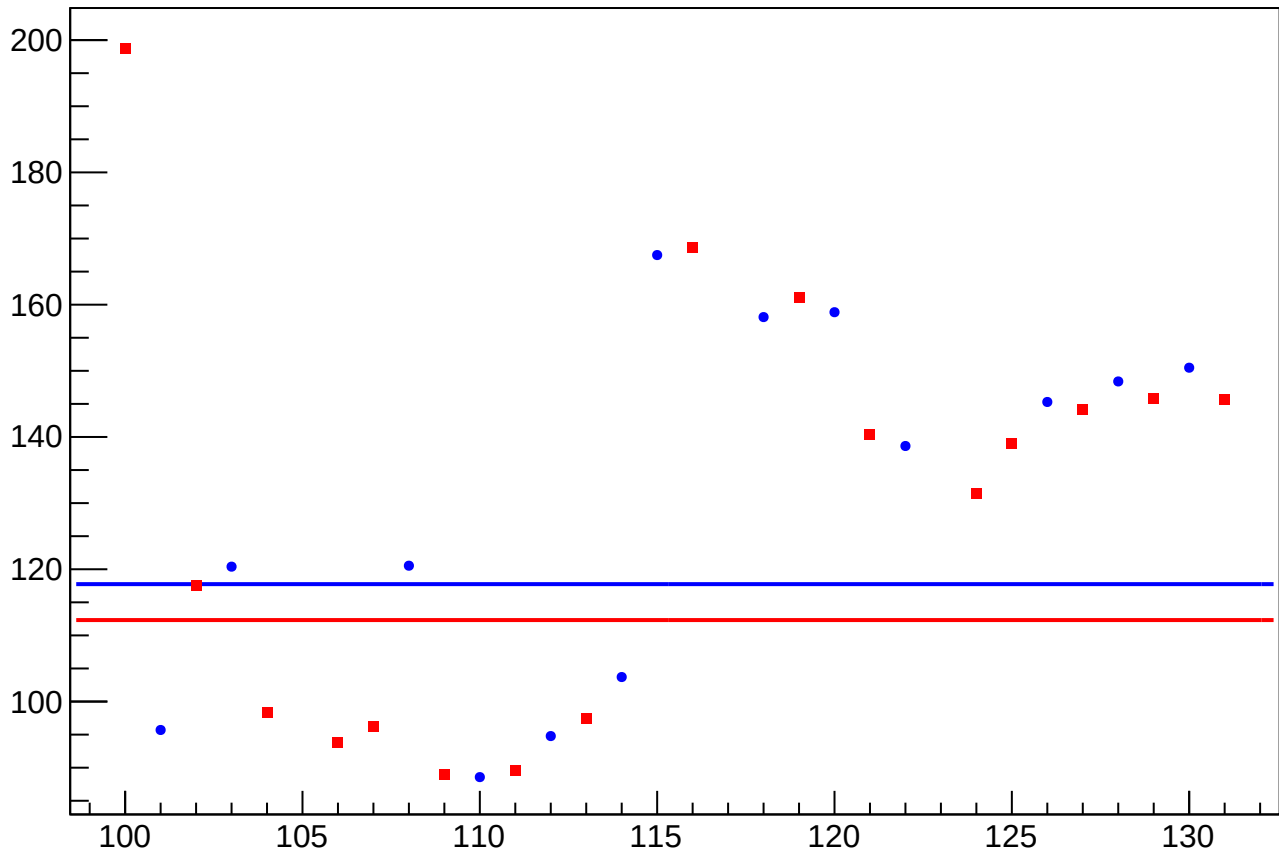
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.322 ± 34.357 χ^2/NDF : 33.4/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam6_rms vs Slug



Right In: 117.750 ± 0.036 $\chi^2/\text{NDF}: 494074.2/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 112.319 ± 0.033 $\chi^2/\text{NDF}: 599690.1/15$

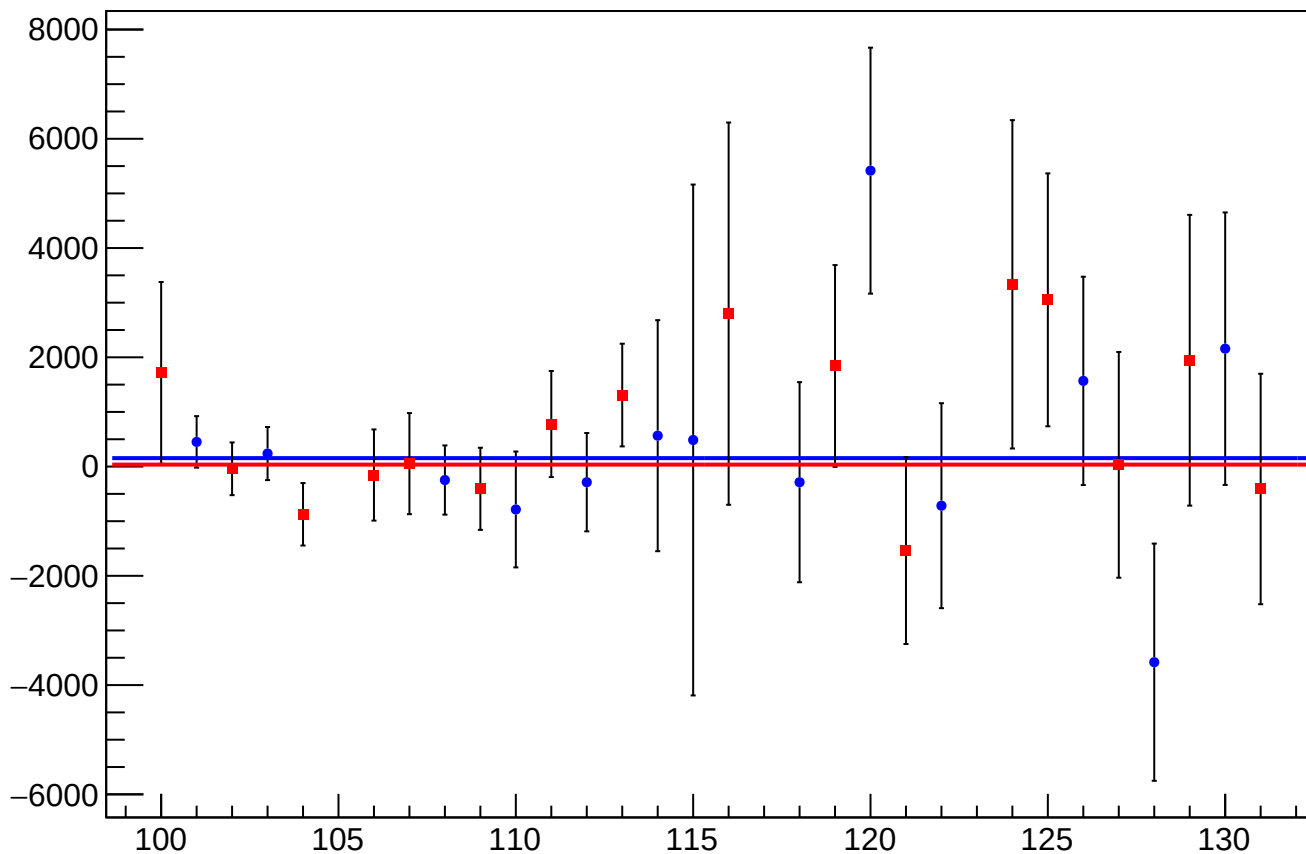
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 114.735 ± 0.024 $\chi^2/\text{NDF}: 1106110.6/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam6_eigen_dit_correction_mean vs Slug



Right In: 154.342 $\pm$ 257.839 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 35.845 $\pm$ 250.819 χ^2 /NDF: 12.3/15

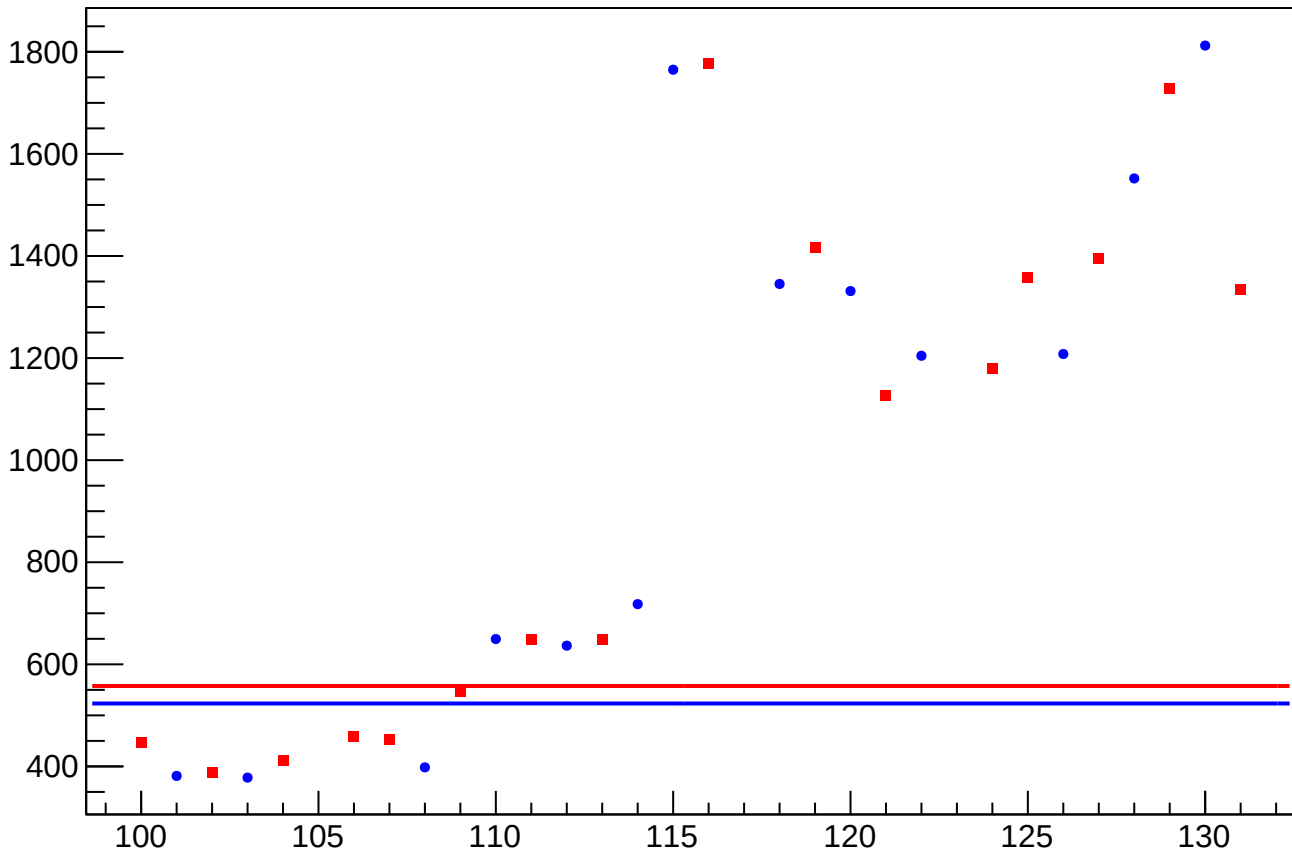
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 93.459 $\pm$ 179.787 χ^2 /NDF: 24.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_correction_rms vs Slug



Right In: 523.256+/-0.182 χ^2/NDF : 2821013.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 557.572+/-0.177 χ^2/NDF : 2686603.2/15

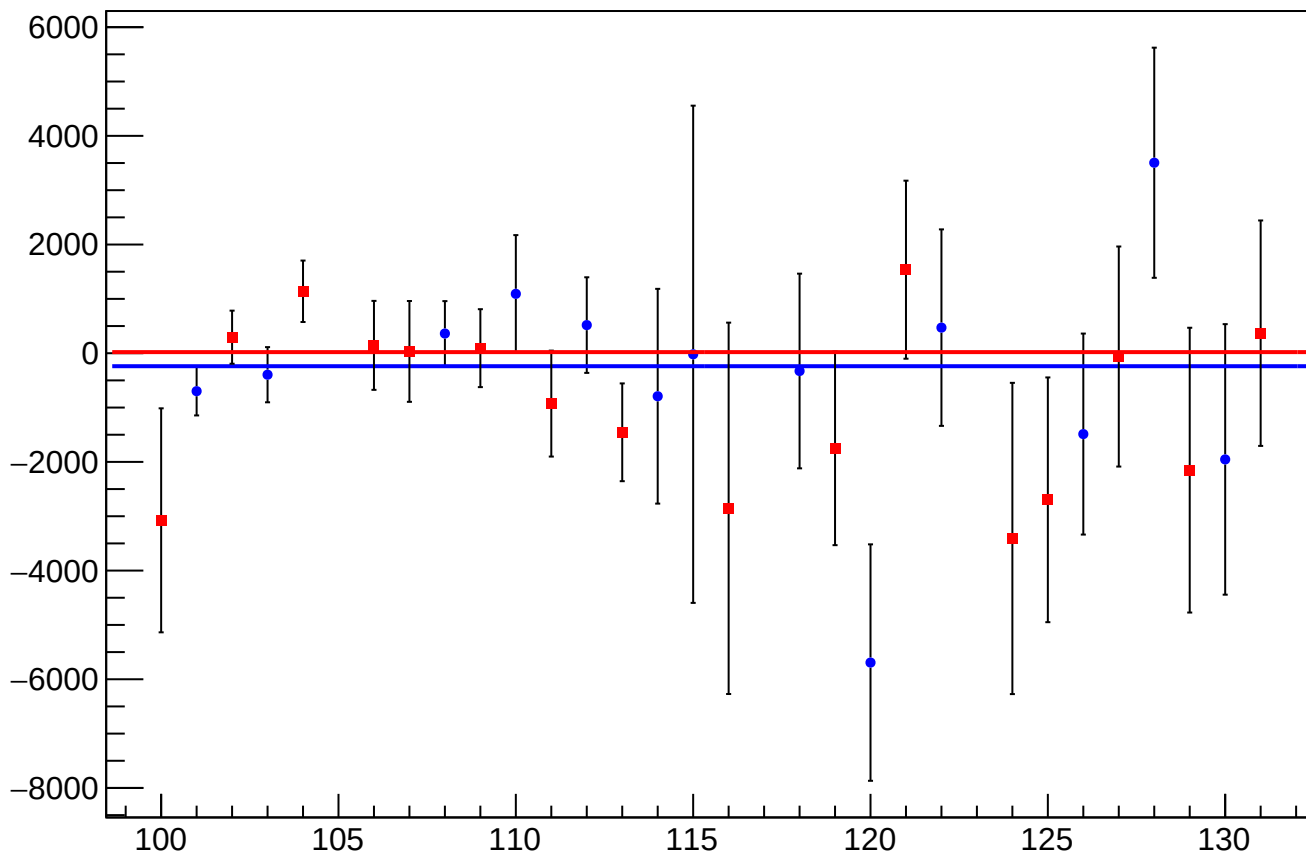
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 540.887+/-0.127 χ^2/NDF : 5525817.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_mean vs Slug



Right In: -239.051+/-252.728 χ^2/NDF : 15.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.341+/-248.769 χ^2/NDF : 16.3/15

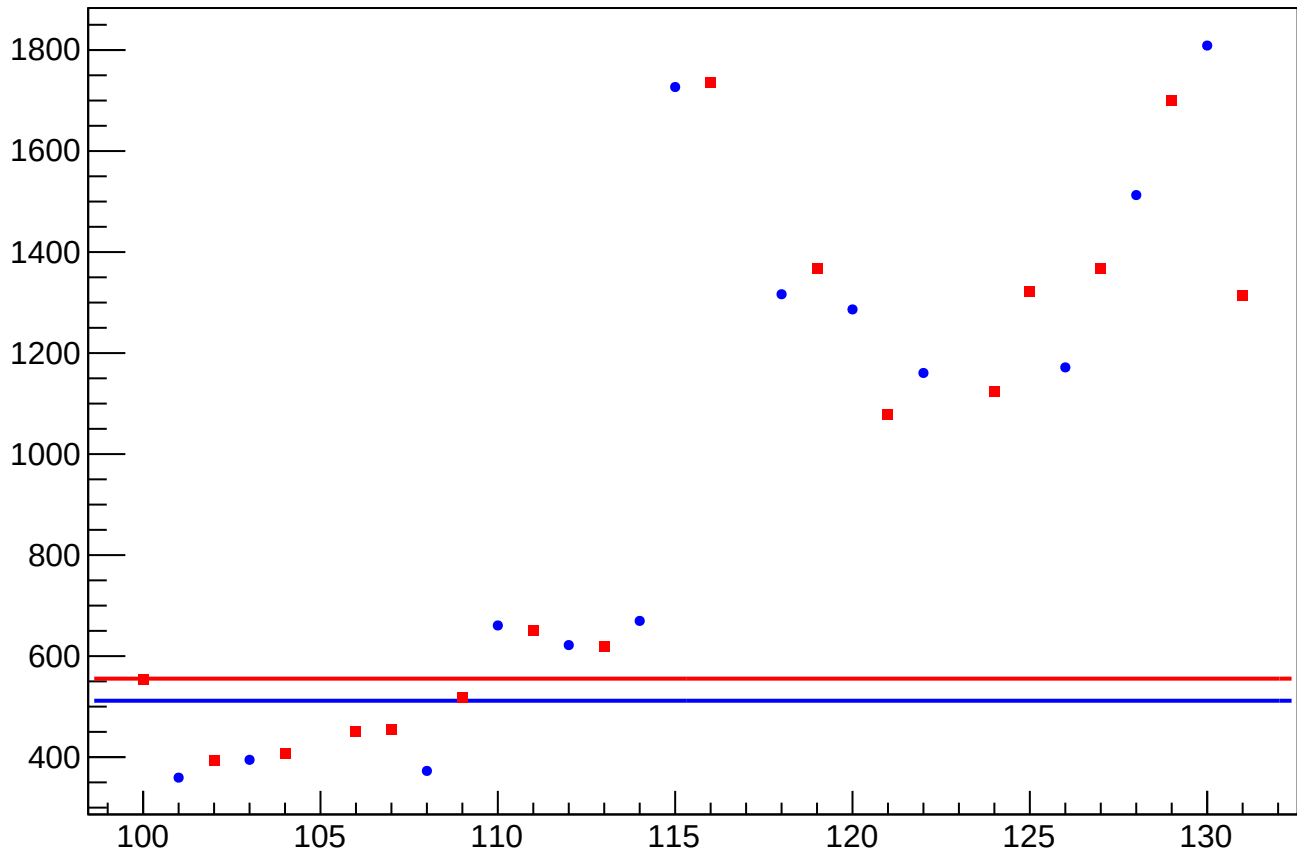
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -107.307+/-177.289 χ^2/NDF : 31.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_rms vs Slug



Right In: 511.659+/-0.179 χ^2/NDF : 2830166.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 555.414+/-0.176 χ^2/NDF : 2589340.2/15

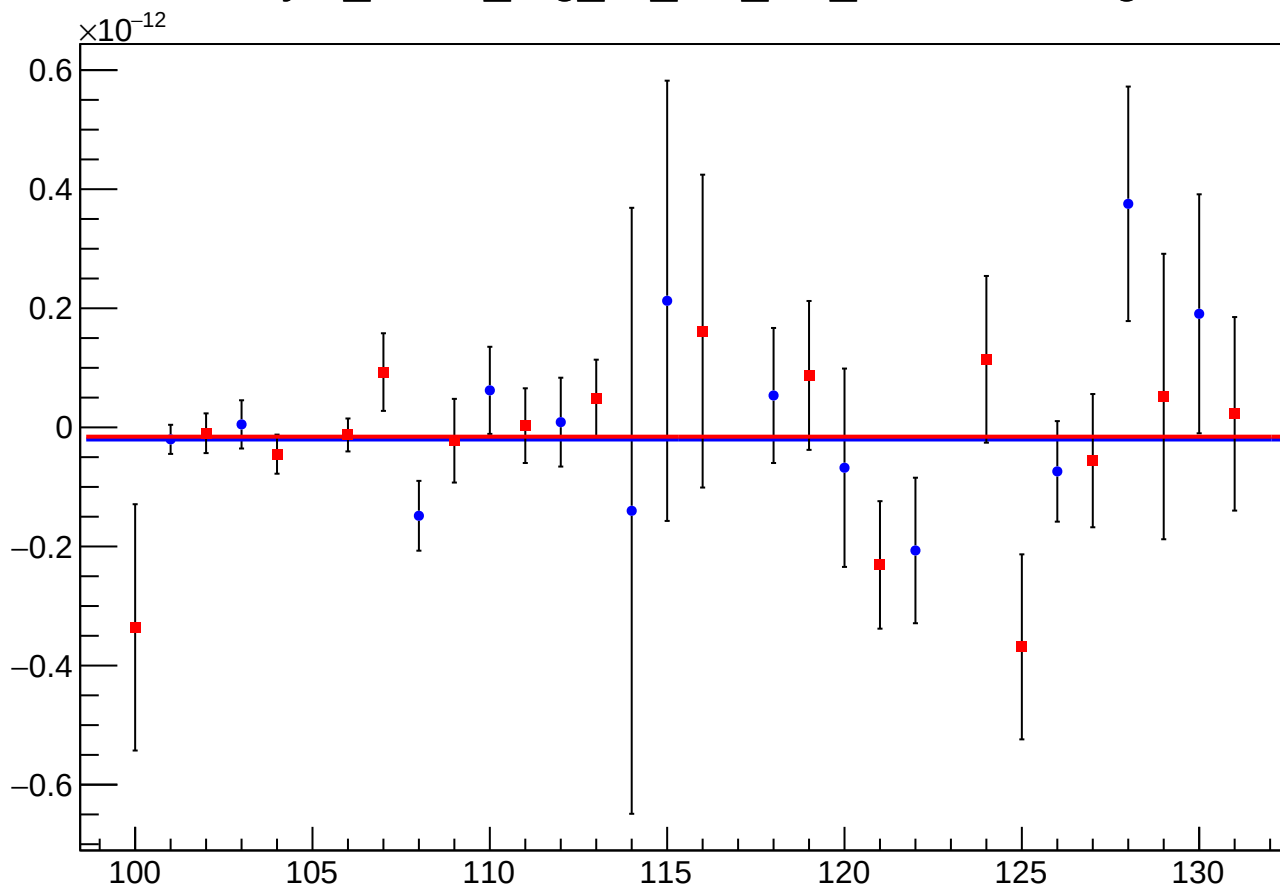
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 533.882+/-0.125 χ^2/NDF : 5449955.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 15.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.5/15

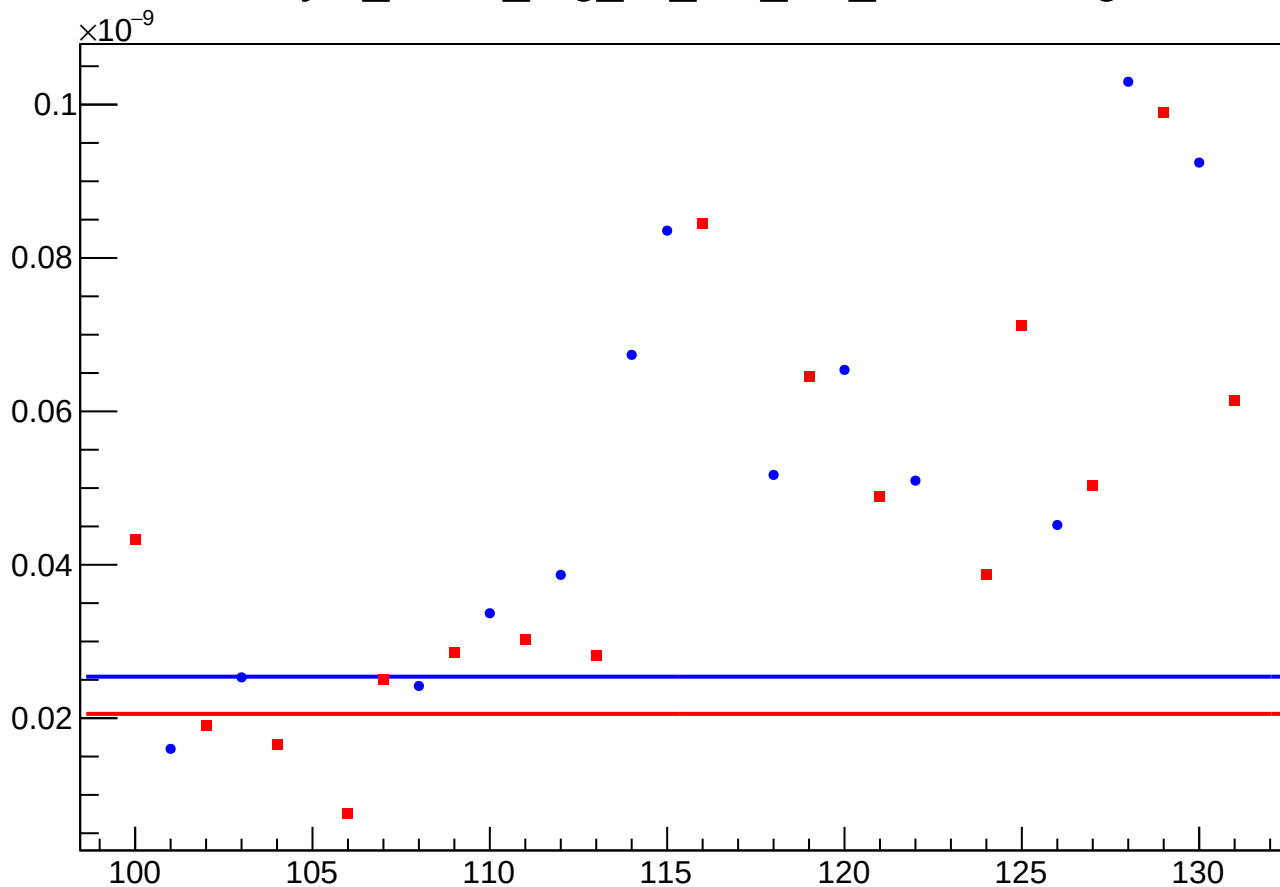
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 34.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1402835.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1846270.2/15

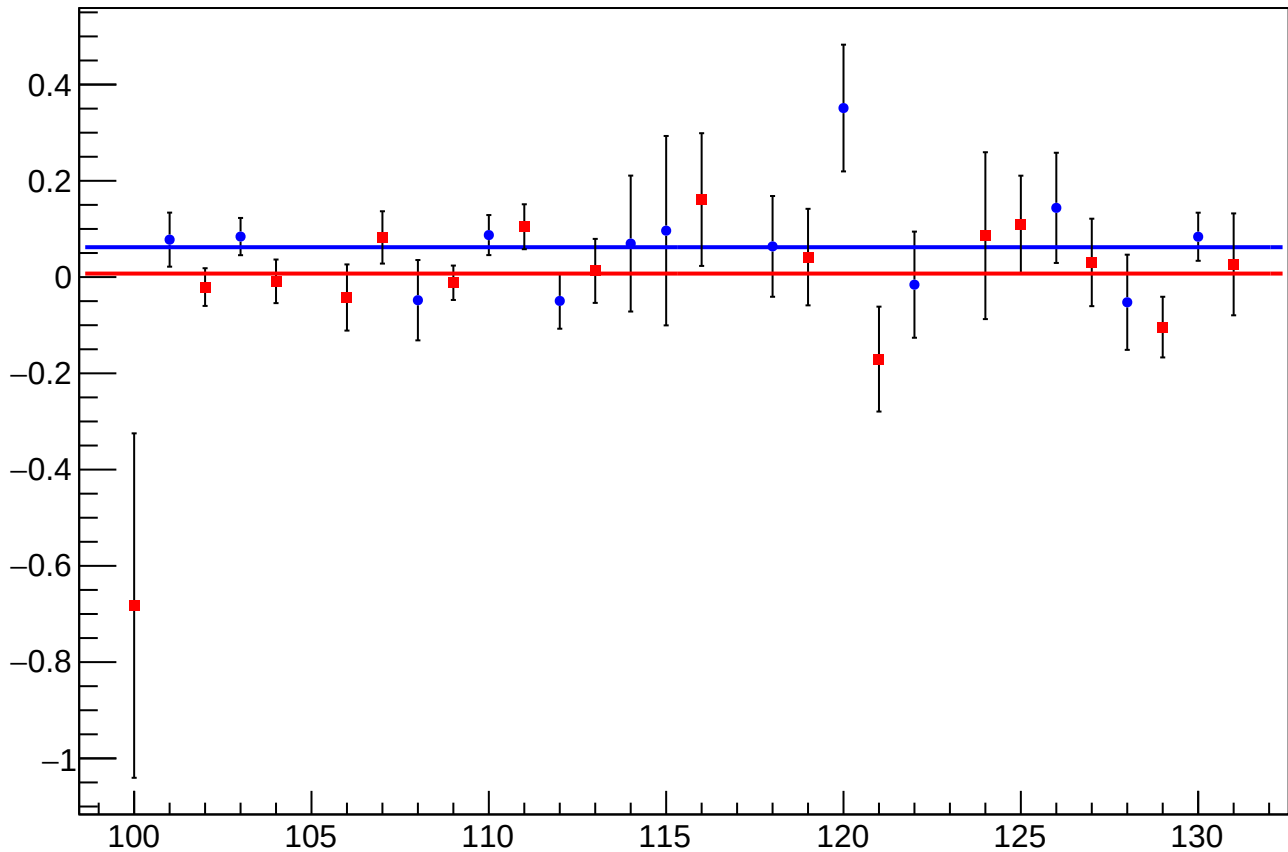
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3338859.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_dit_vs_cor_diff_mean vs Slug



Right In: 0.062 $\pm$ 0.019 χ^2 /NDF: 13.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.016 χ^2 /NDF: 19.9/15

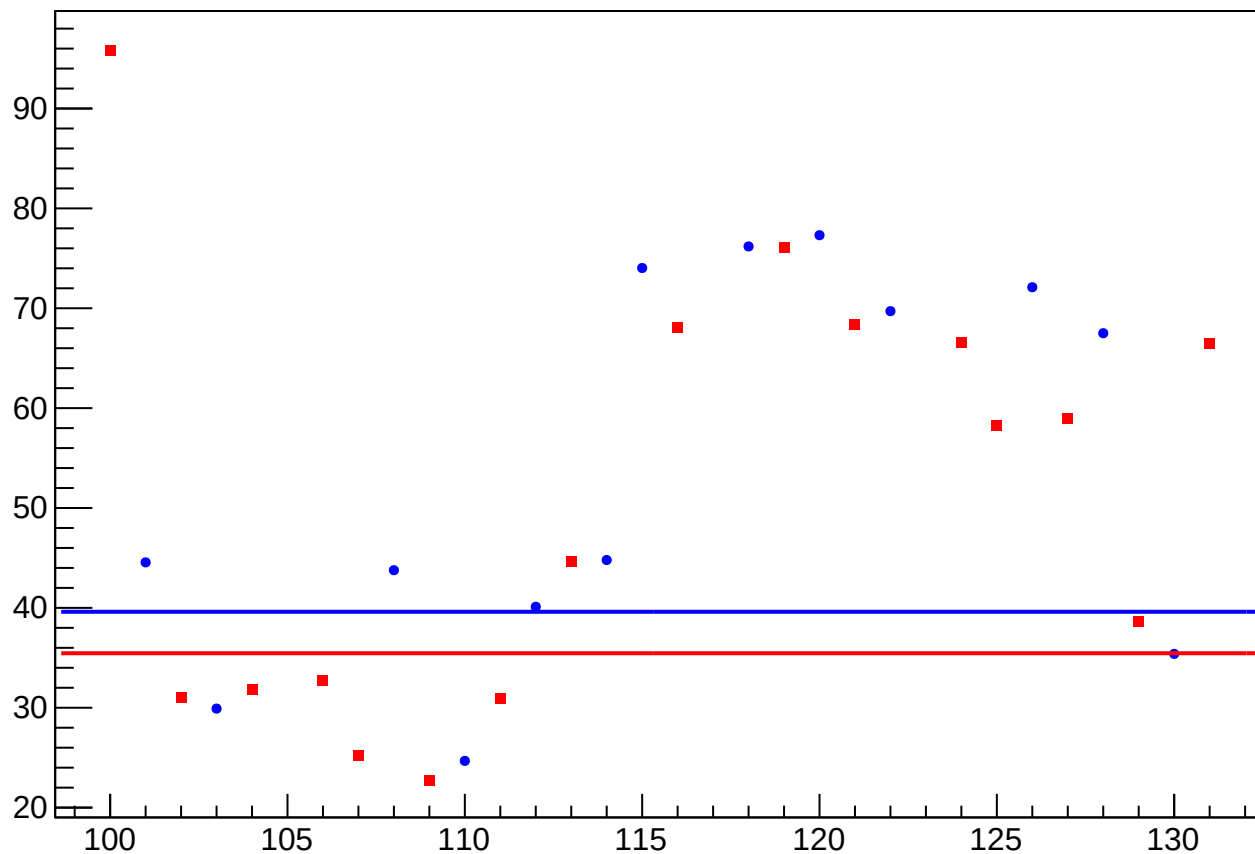
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.030 $\pm$ 0.012 χ^2 /NDF: 38.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_dit_vs_cor_diff_rms vs Slug



Right In: 39.609+/-0.013 χ^2/NDF : 1359585.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.457+/-0.011 χ^2/NDF : 1580933.9/15

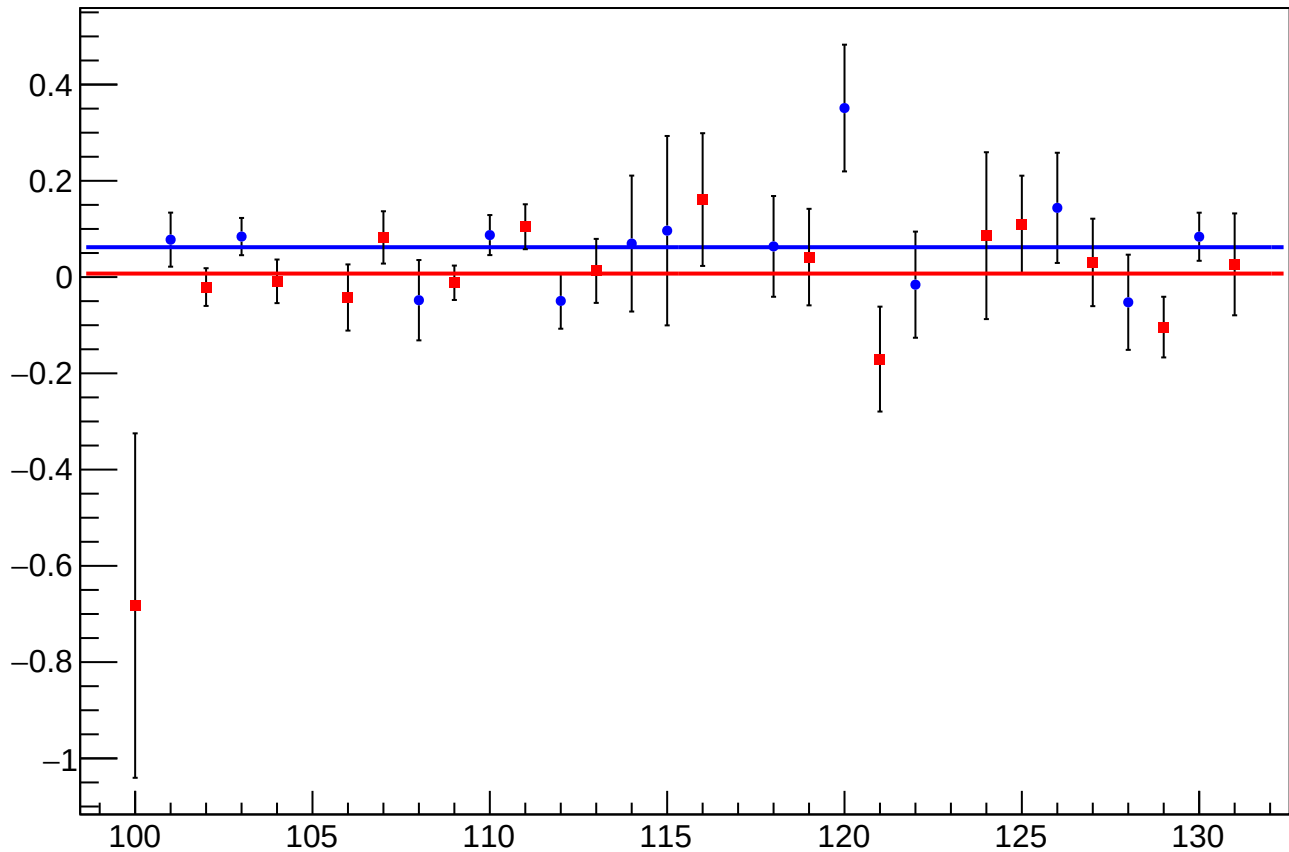
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.201+/-0.009 χ^2/NDF : 2998347.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.062 $\pm$ 0.019 χ^2 /NDF: 13.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.016 χ^2 /NDF: 19.9/15

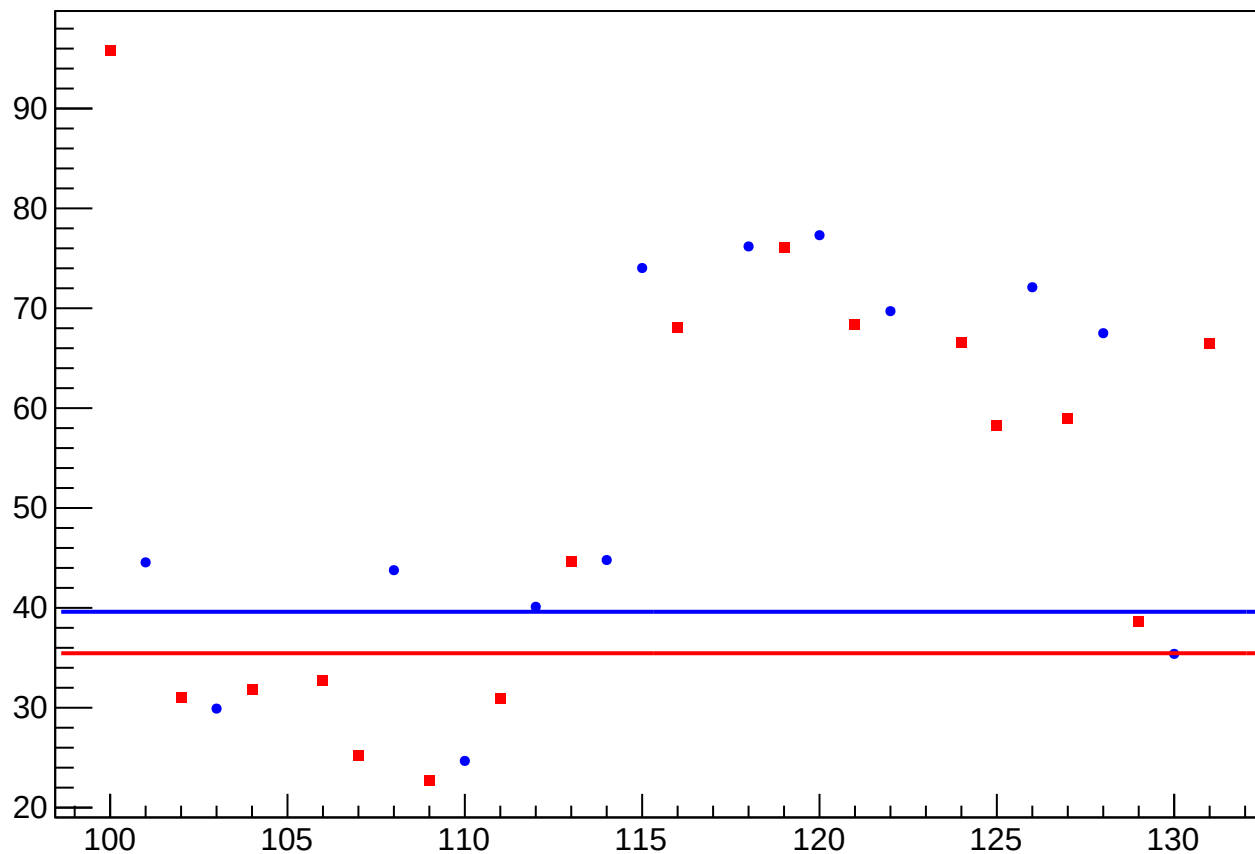
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.030 $\pm$ 0.012 χ^2 /NDF: 38.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 39.609+/-0.013 χ^2/NDF : 1359585.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.457+/-0.011 χ^2/NDF : 1580933.9/15

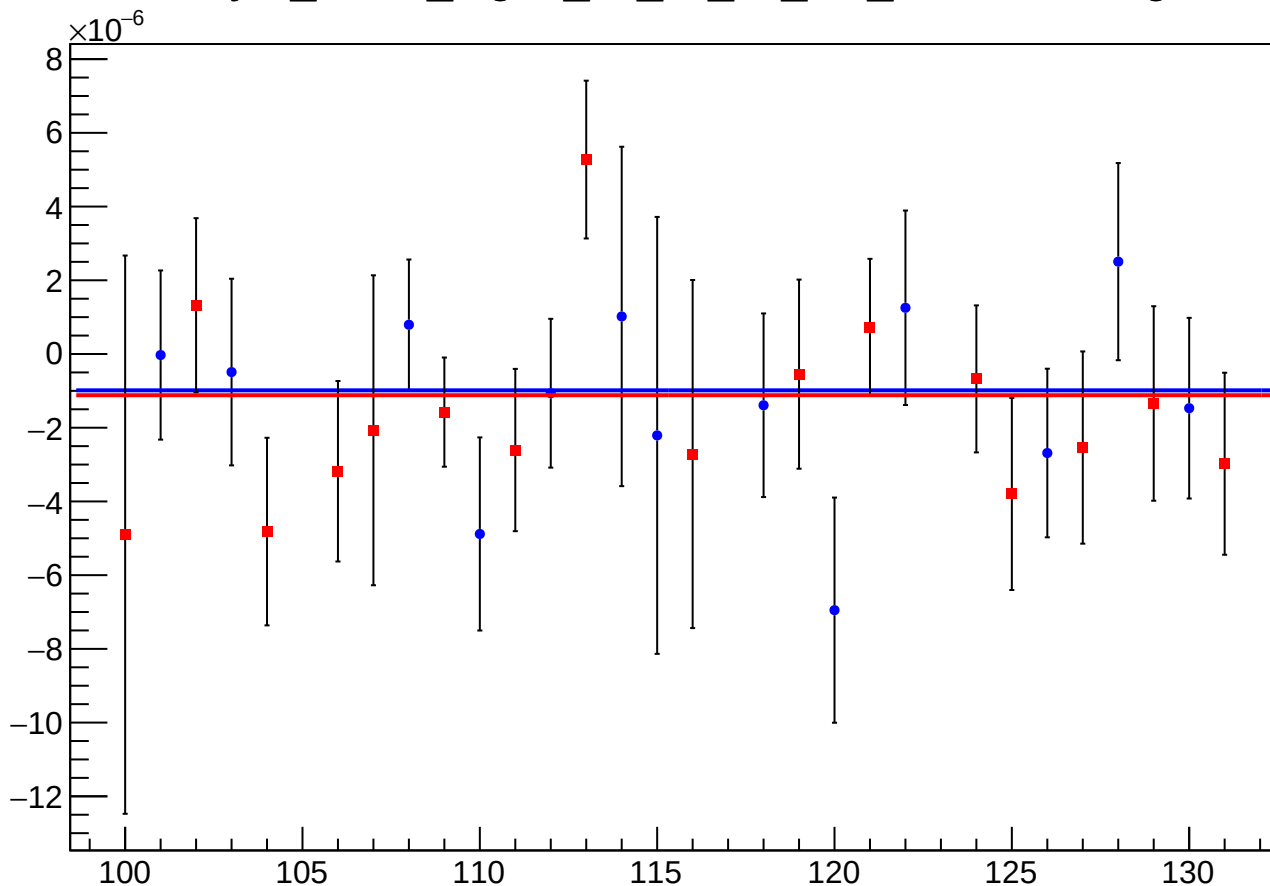
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.201+/-0.009 χ^2/NDF : 2998347.7/28

- 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: 10.5/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 16.8/15

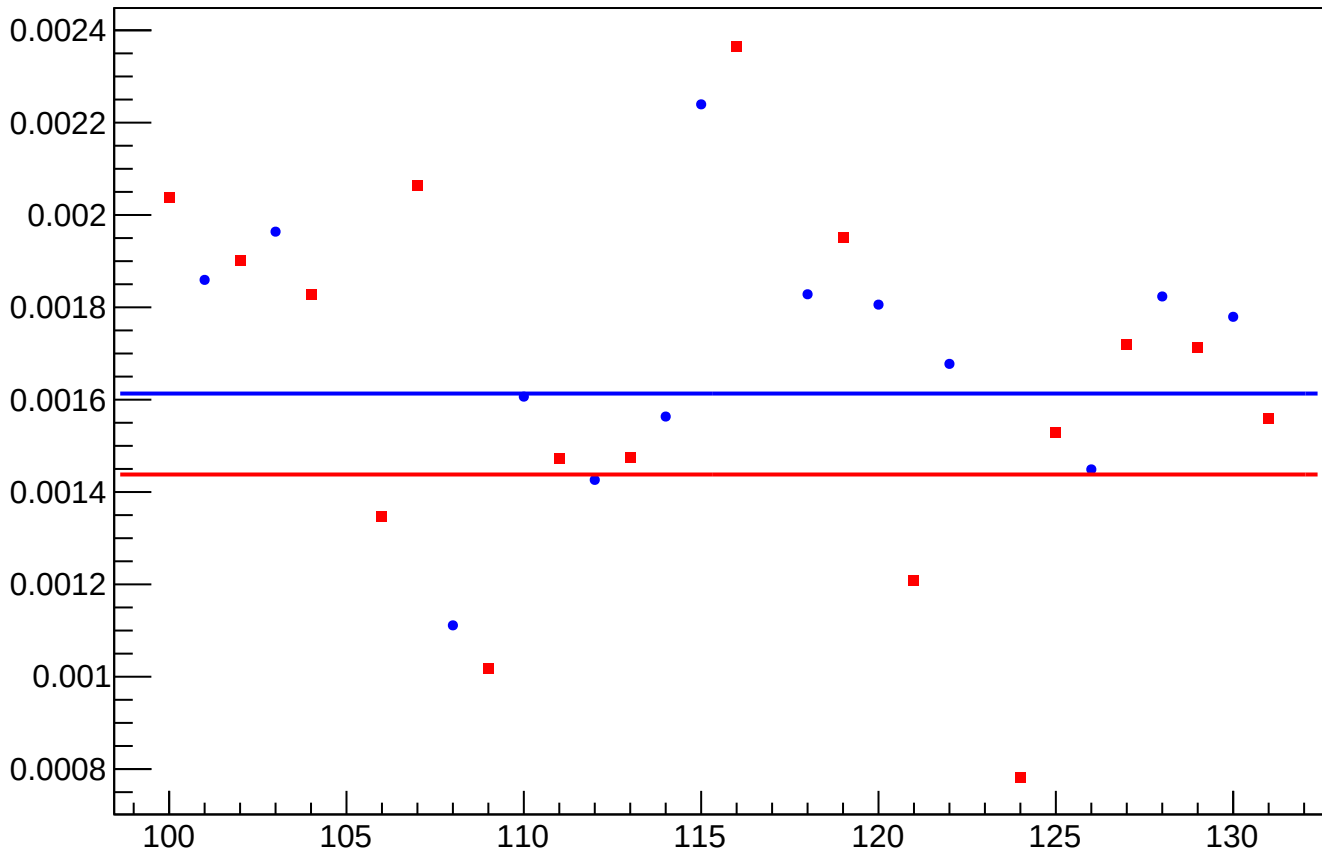
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 27.3/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 317962.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 801709.6/15

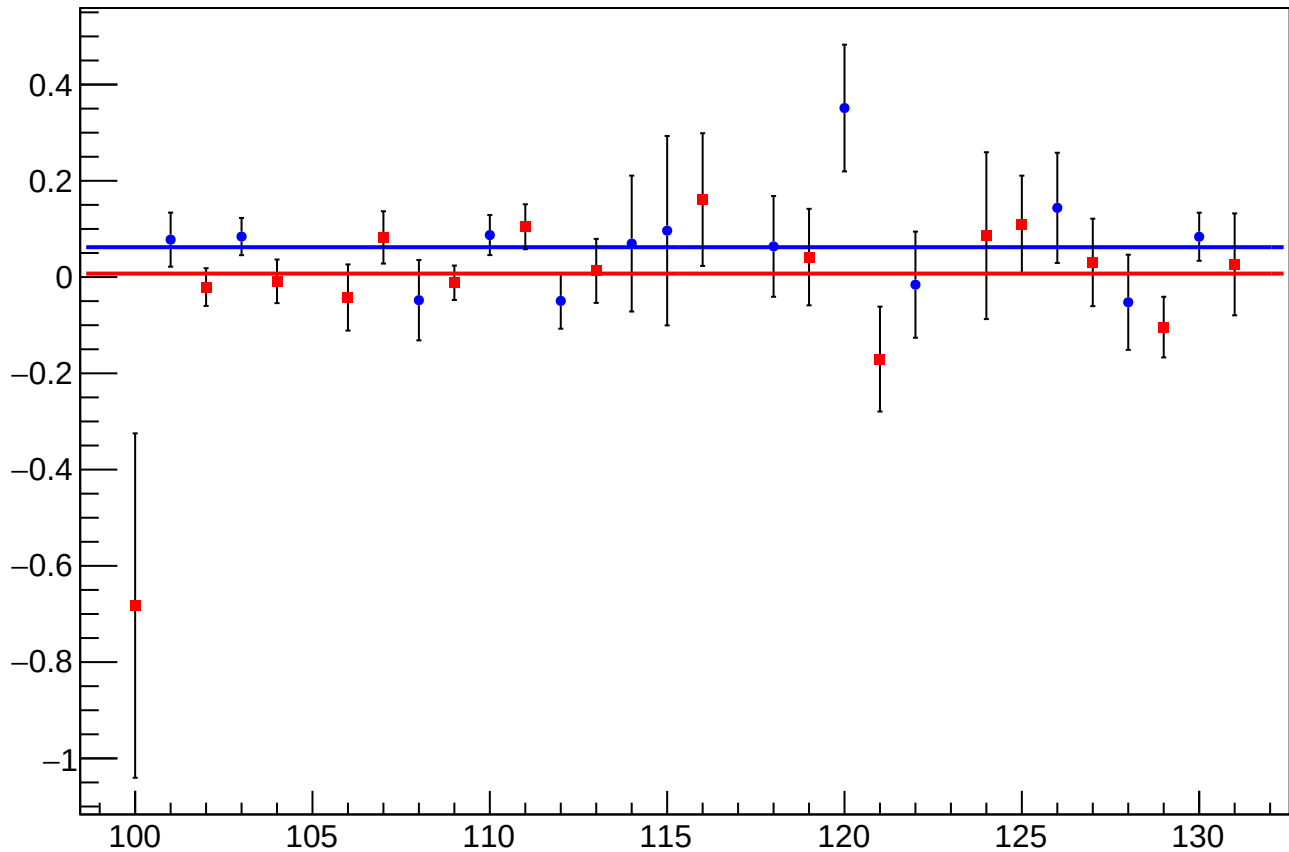
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1192187.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.062 $\pm$ 0.019 χ^2 /NDF: 13.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.016 χ^2 /NDF: 19.9/15

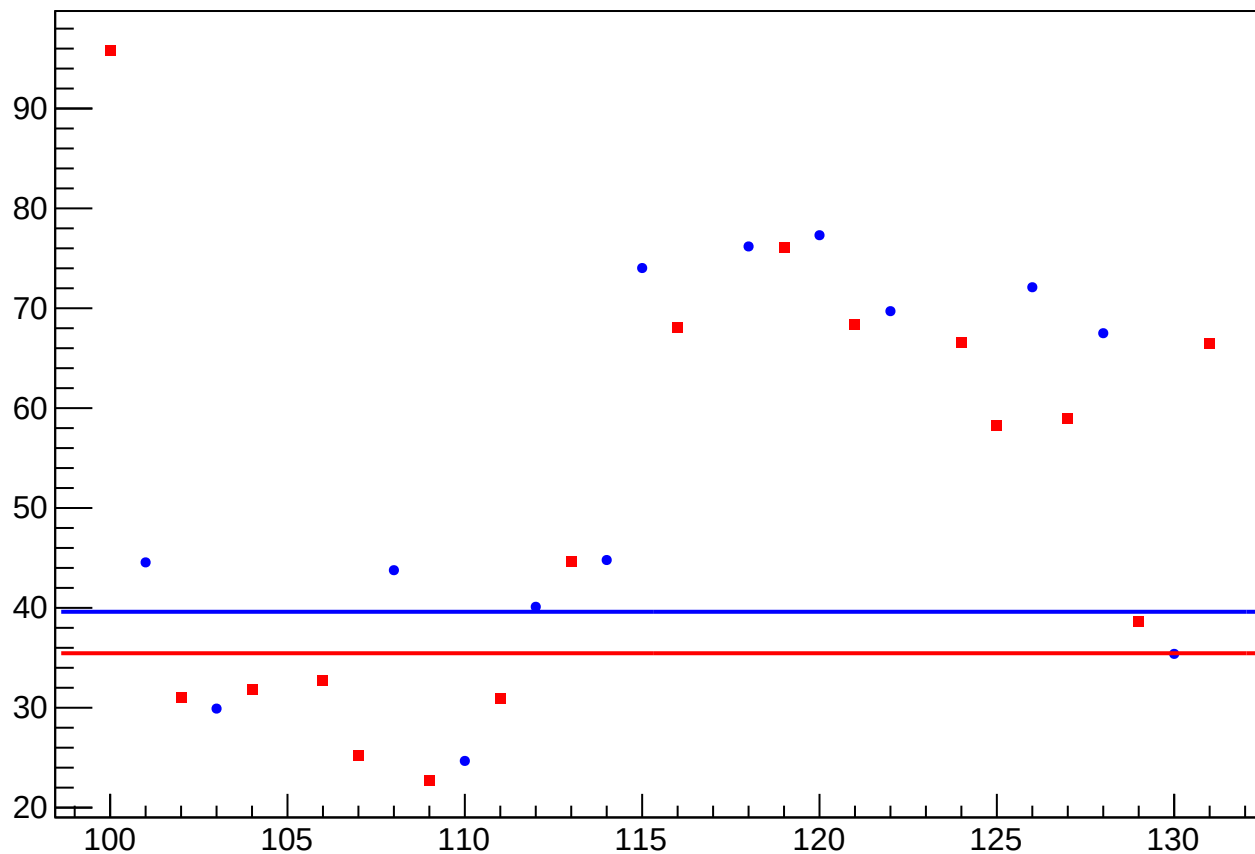
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.030 $\pm$ 0.012 χ^2 /NDF: 38.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 39.608 $\pm$ 0.013 χ^2 /NDF: 1359592.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 35.457 $\pm$ 0.011 χ^2 /NDF: 1580927.8/15

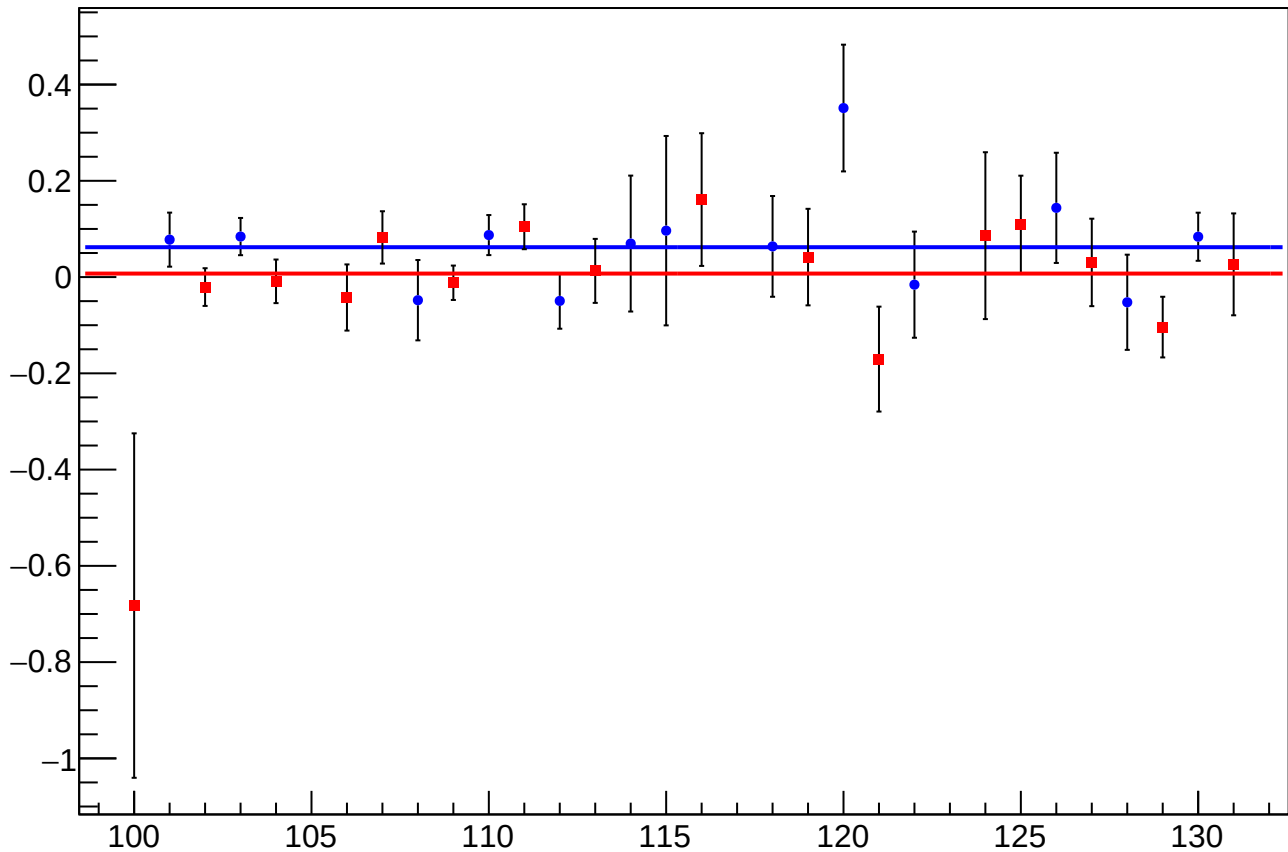
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.200 $\pm$ 0.009 χ^2 /NDF: 2998342.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.062 $\pm$ 0.019 χ^2 /NDF: 13.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.016 χ^2 /NDF: 19.9/15

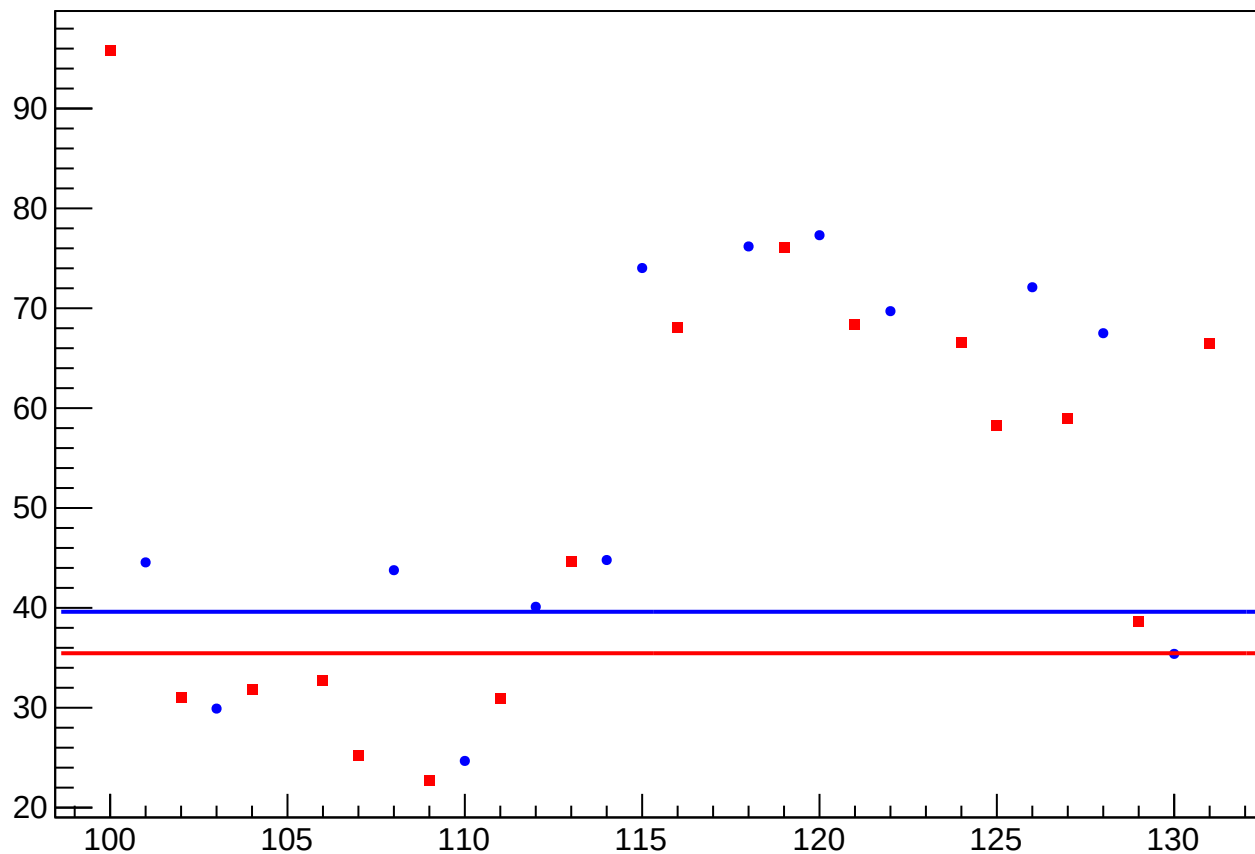
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.030 $\pm$ 0.012 χ^2 /NDF: 38.5/28

- 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: 39.608+/-0.013 χ^2/NDF : 1359592.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.457+/-0.011 χ^2/NDF : 1580927.8/15

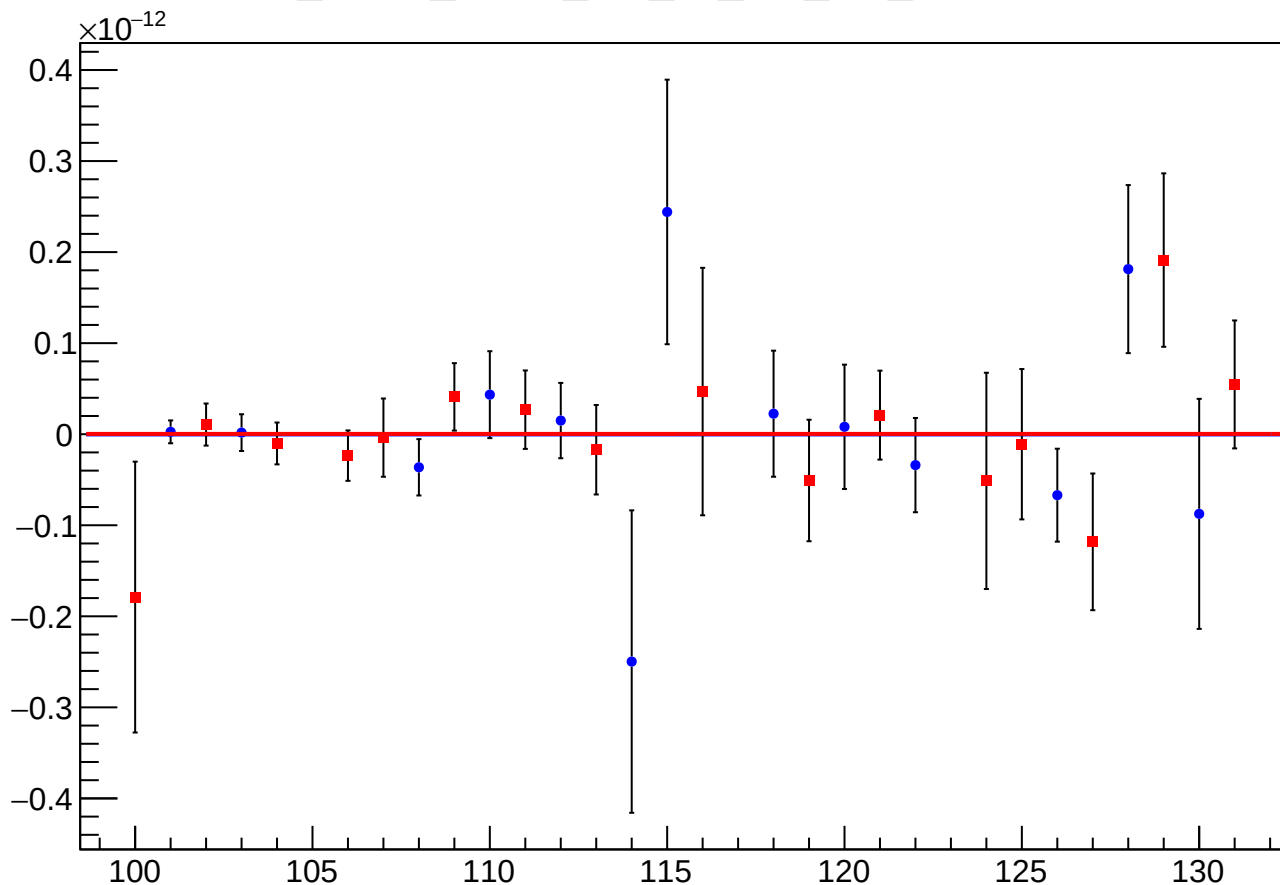
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.200+/-0.009 χ^2/NDF : 2998342.5/28

- 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: 14.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 12.5/15

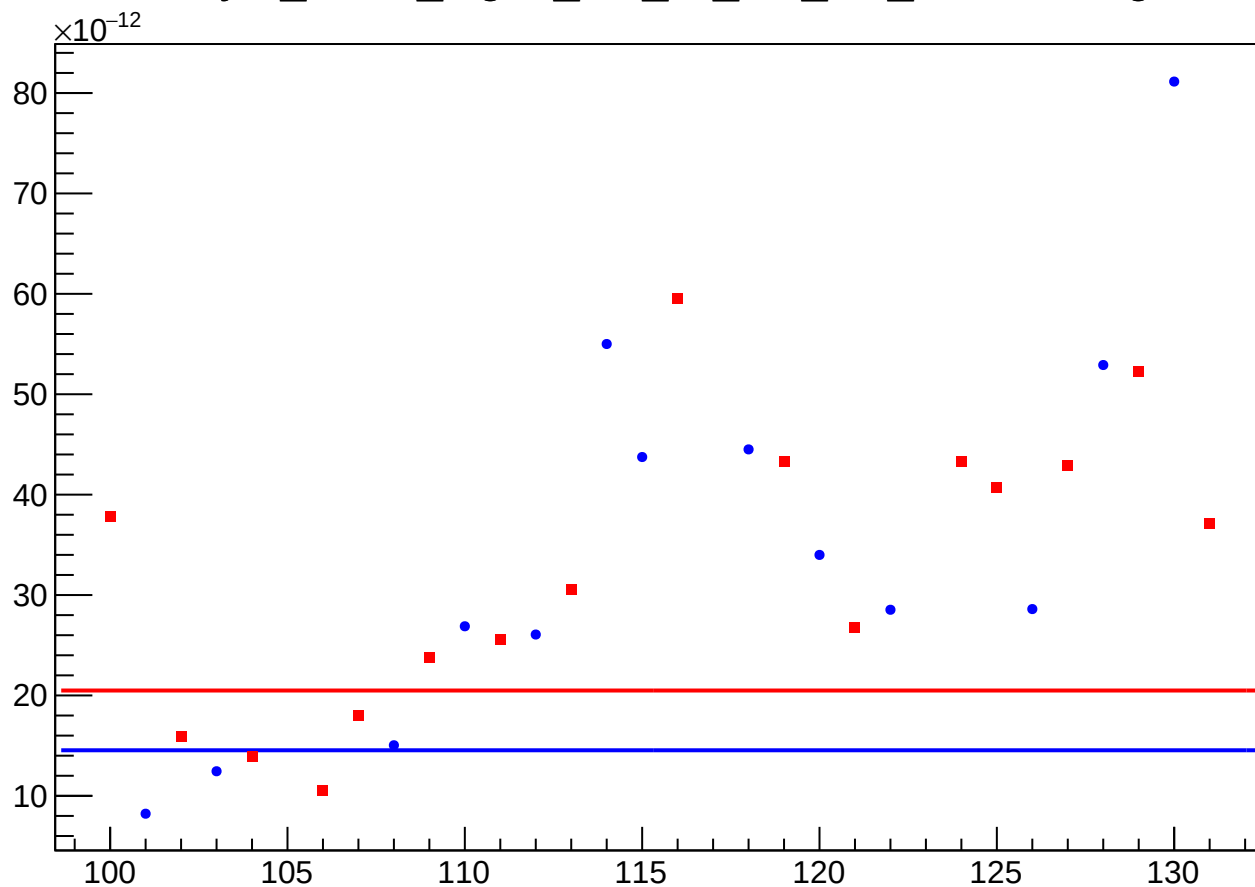
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 26.6/28

- 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 : 2754638.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1804320.3/15

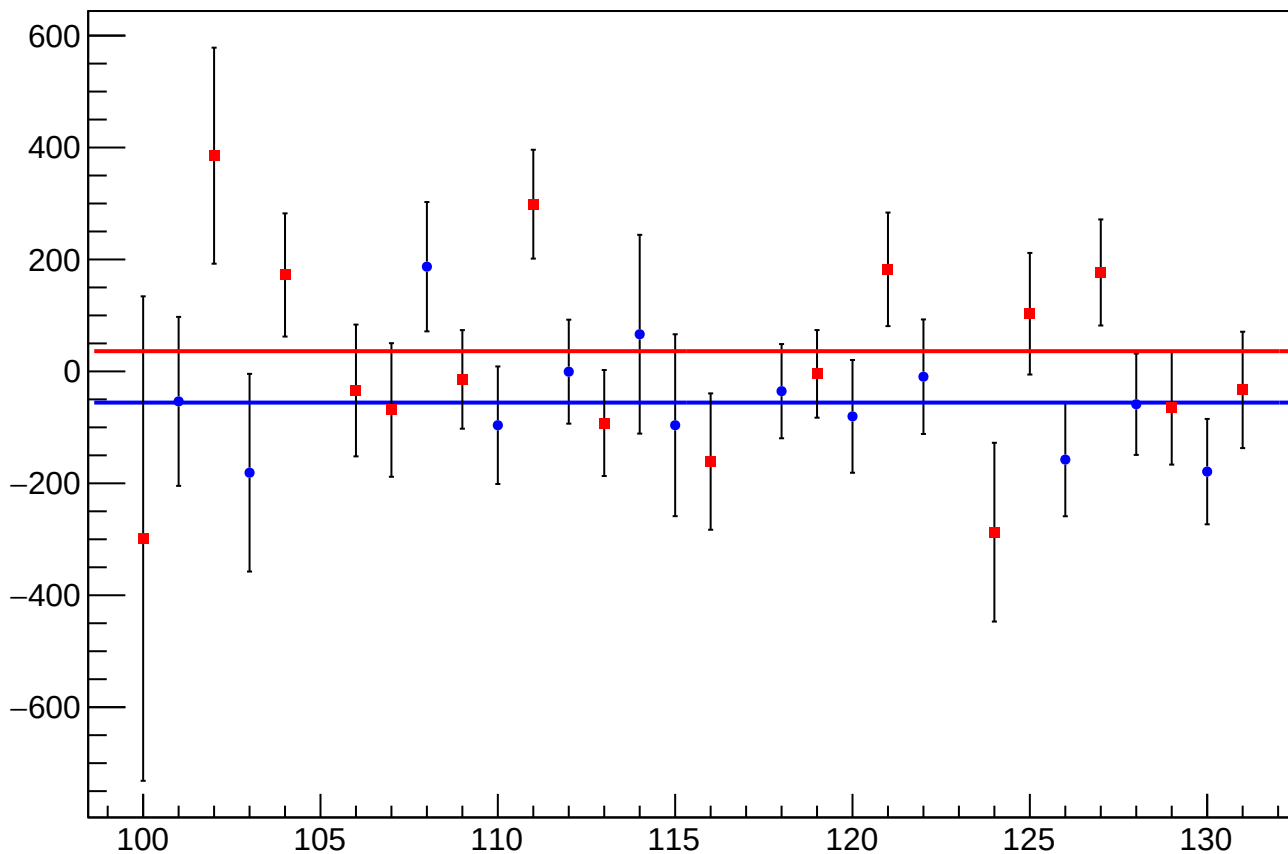
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4921490.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_mean vs Slug



Right In: -55.730 ± 30.227 χ^2/NDF : 9.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 36.138 ± 27.155 χ^2/NDF : 29.1/15

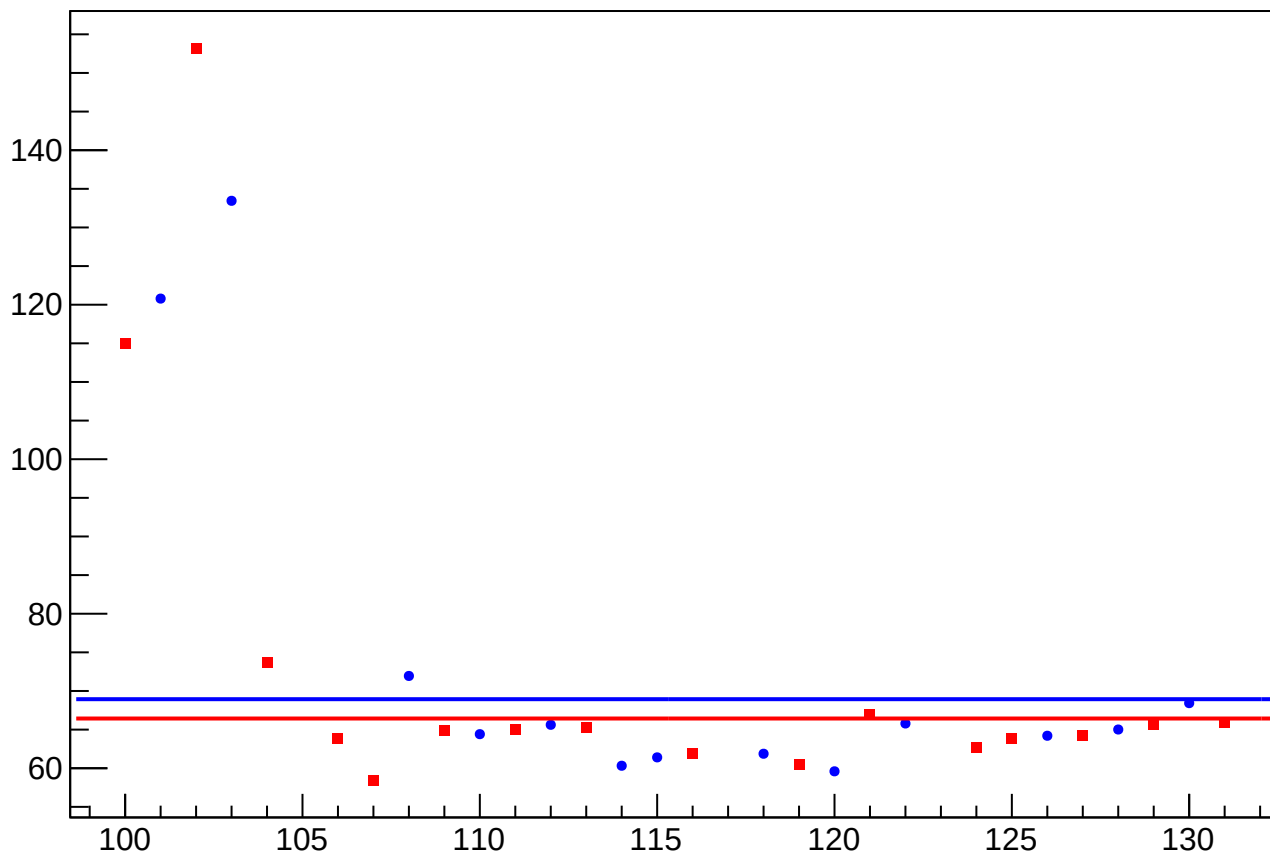
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.891 ± 20.201 χ^2/NDF : 43.2/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_rms vs Slug



Right In: 68.938 $\pm$ 0.021 χ^2 /NDF: 560662.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 66.436 $\pm$ 0.019 χ^2 /NDF: 466582.2/15

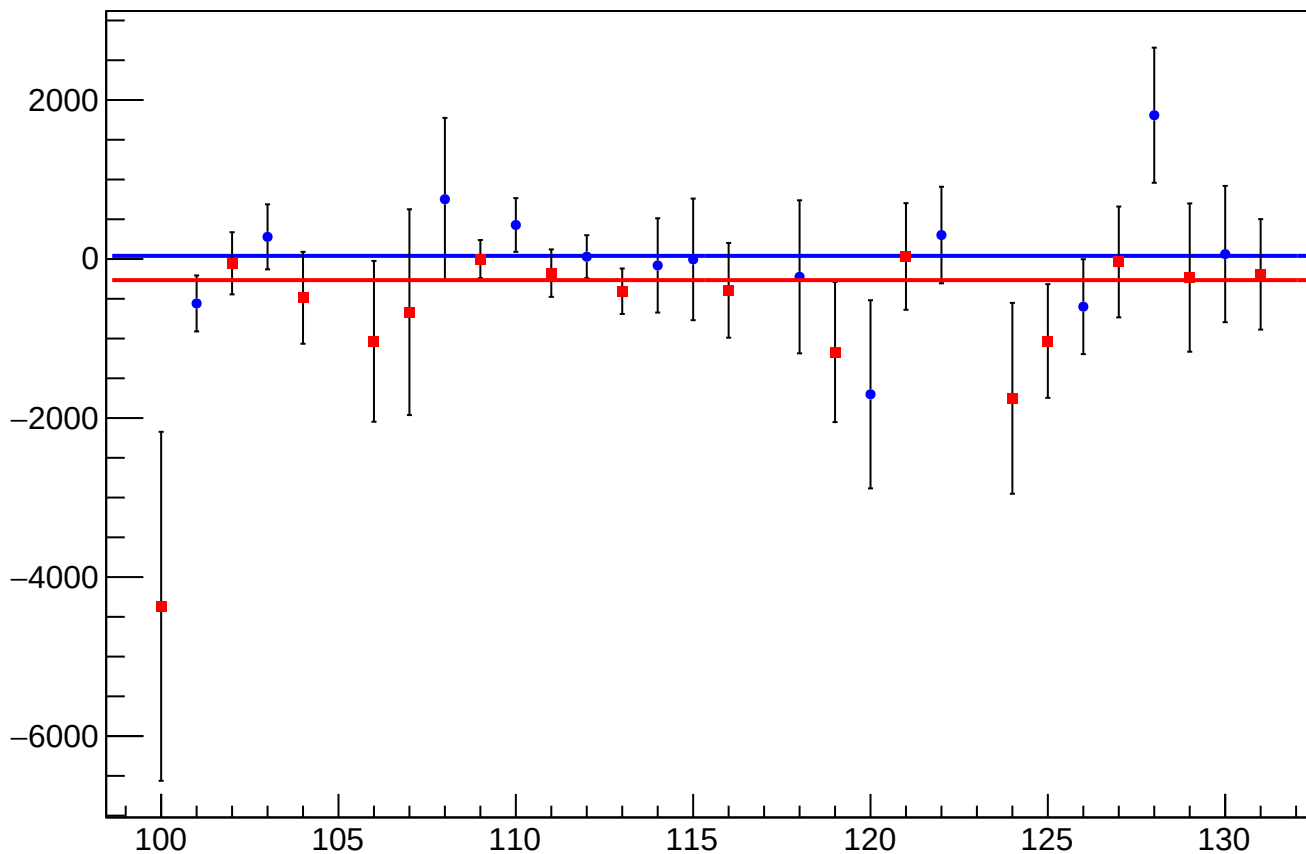
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 67.553 $\pm$ 0.014 χ^2 /NDF: 1034825.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_reg_correction_mean vs Slug



Right In: 39.801 ± 138.573 χ^2/NDF : 13.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -265.181 ± 122.727 χ^2/NDF : 10.2/15

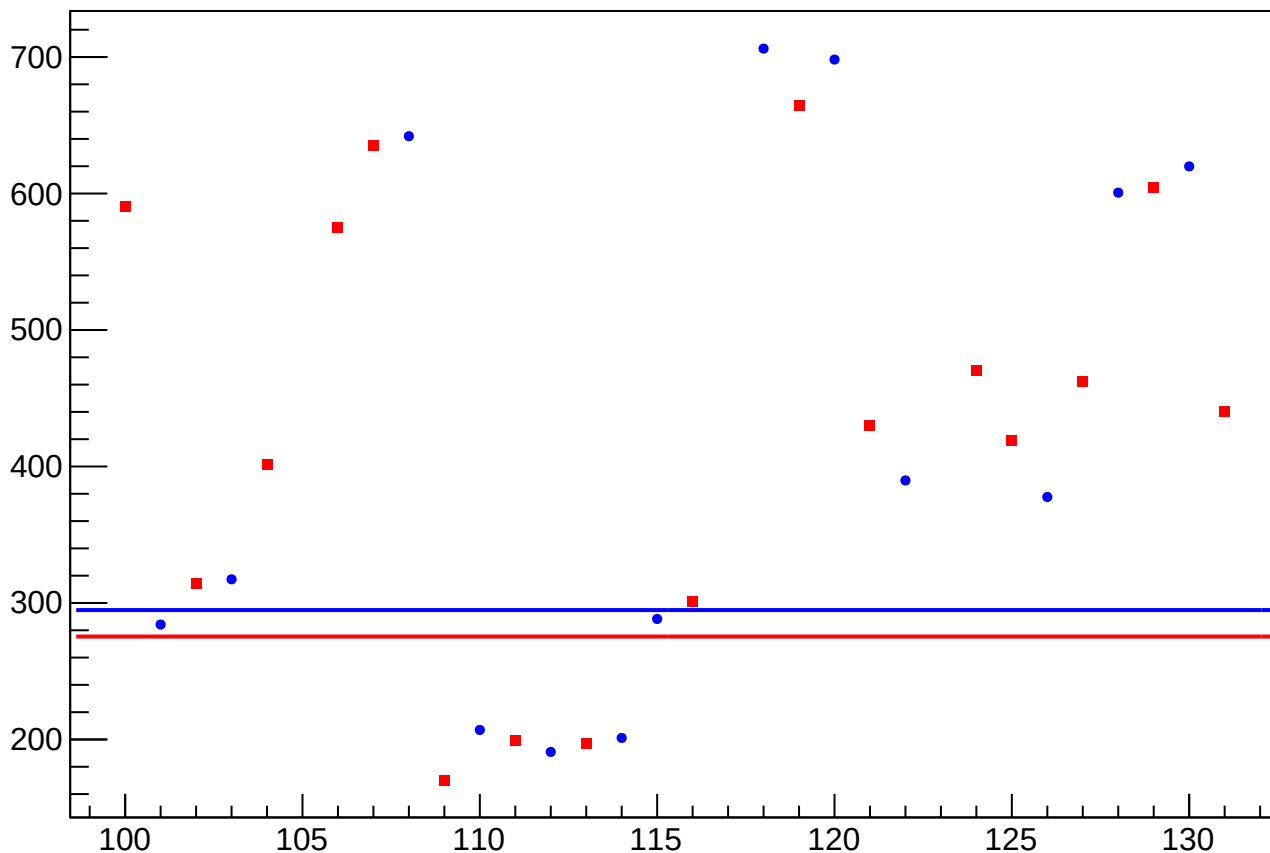
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -131.118 ± 91.875 χ^2/NDF : 26.0/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam7_reg_correction_rms vs Slug



Right In: 294.805+/-0.098 χ^2/NDF : 1951542.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 275.412+/-0.087 χ^2/NDF : 2291551.3/15

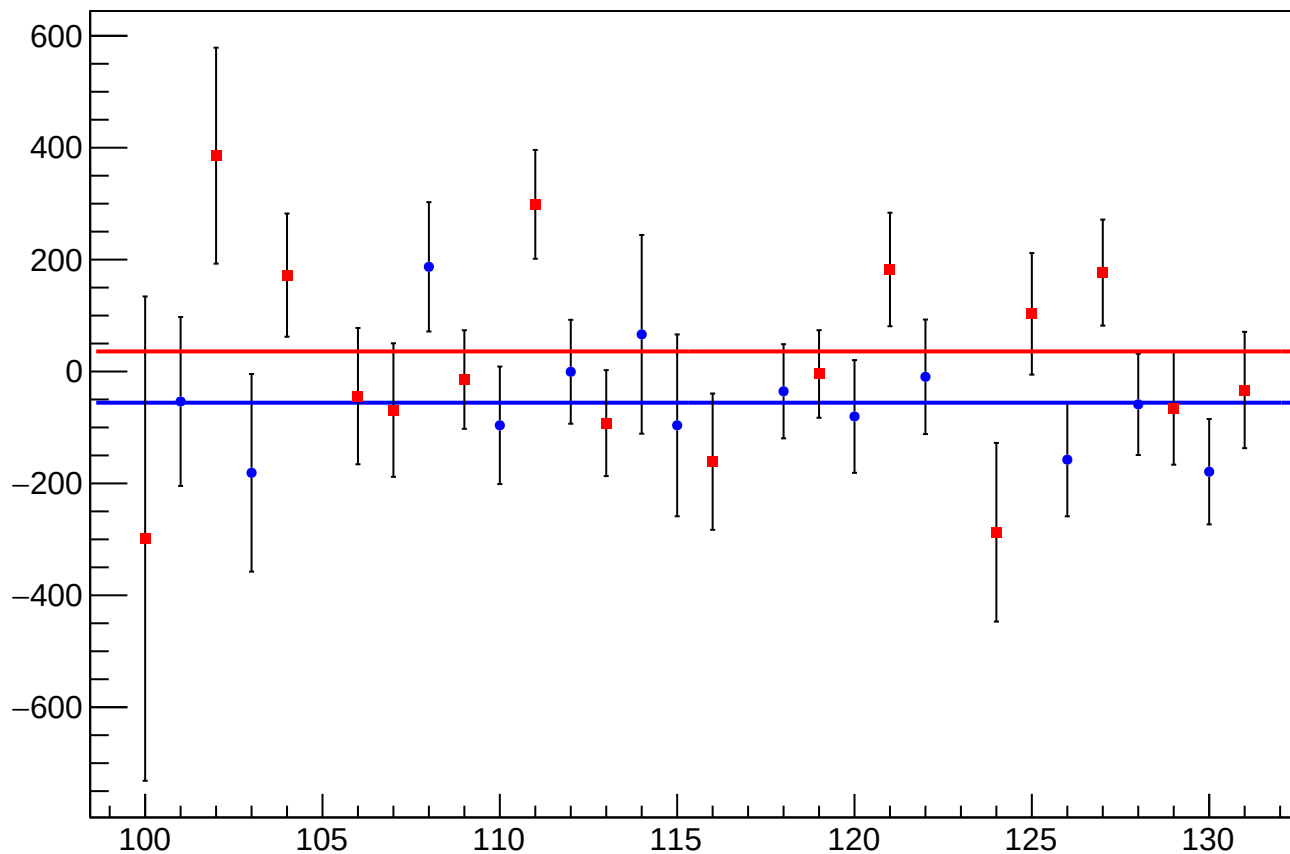
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 283.937+/-0.065 χ^2/NDF : 4265045.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam7_mean vs Slug



Right In: -55.731 ± 30.227 χ^2/NDF : 9.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 35.891 ± 27.203 χ^2/NDF : 29.2/15

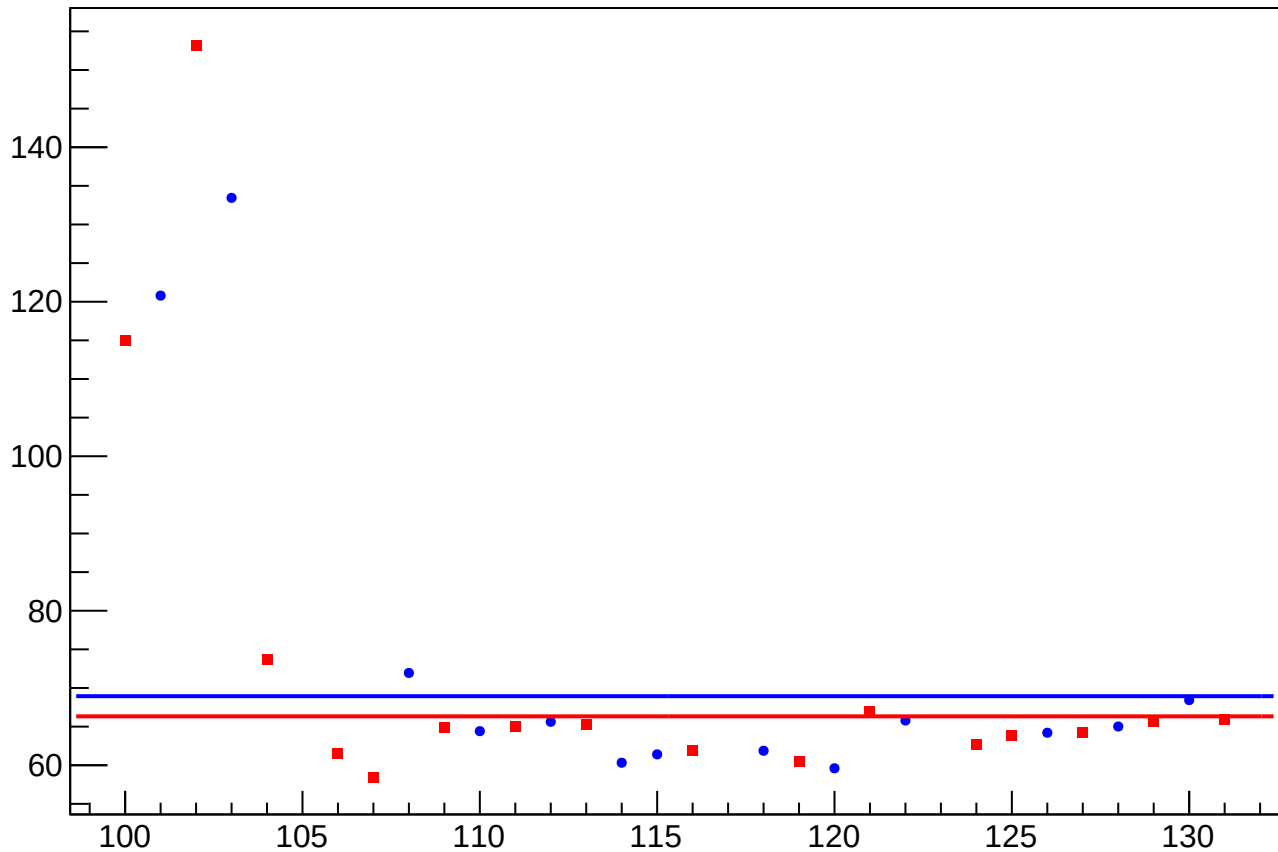
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.108 ± 20.220 χ^2/NDF : 43.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam7_rms vs Slug



Right In: 68.938 $\pm$ 0.021 χ^2 /NDF: 560663.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 66.327 $\pm$ 0.019 χ^2 /NDF: 468870.5/15

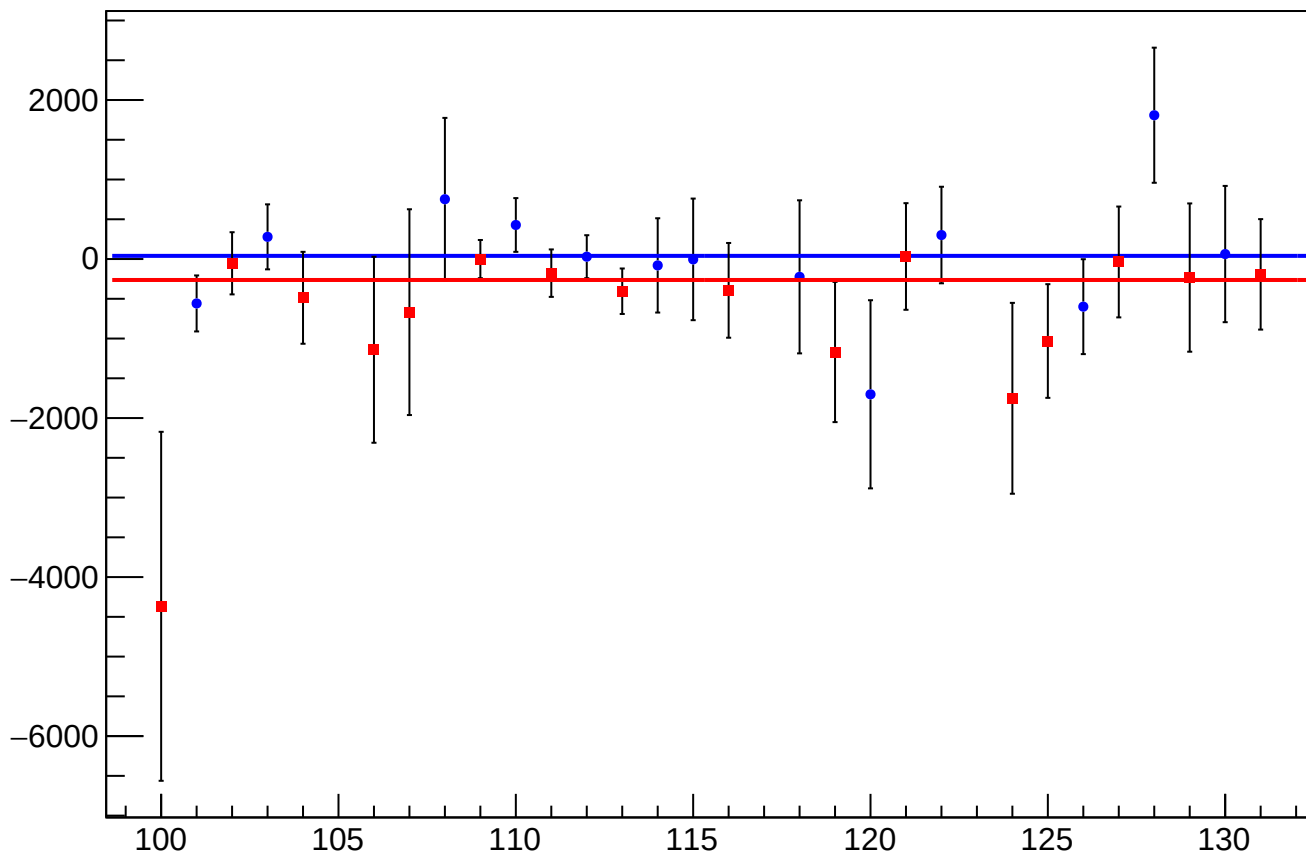
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 67.495 $\pm$ 0.014 χ^2 /NDF: 1037775.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_cor_correction_mean vs Slug



Right In: 39.808 $\pm$ 138.574 χ^2 /NDF: 13.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -263.490 $\pm$ 122.961 χ^2 /NDF: 10.2/15

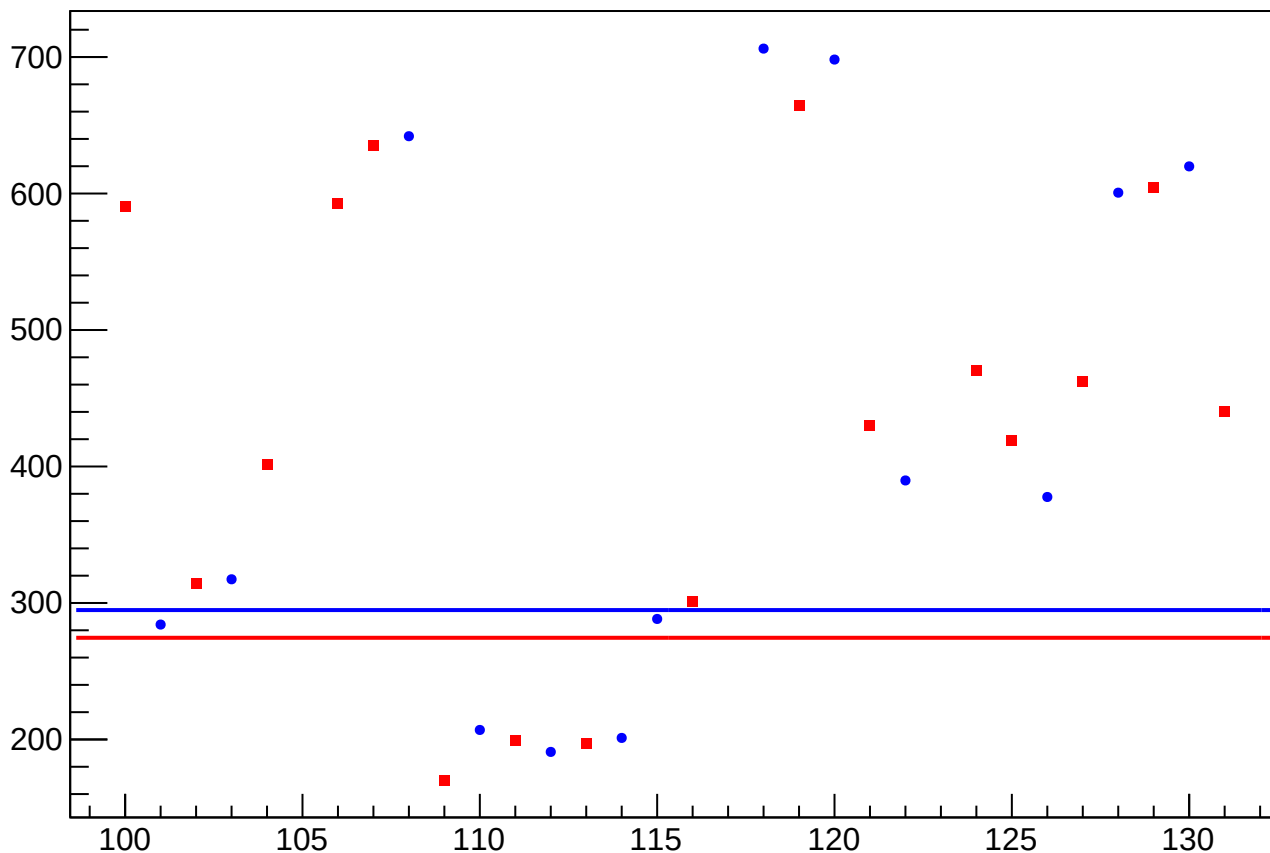
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -129.884 $\pm$ 91.973 χ^2 /NDF: 25.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_cor_correction_rms vs Slug



Right In: 294.807+/-0.098 χ^2/NDF : 1951554.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 274.503+/-0.087 χ^2/NDF : 2263416.9/15

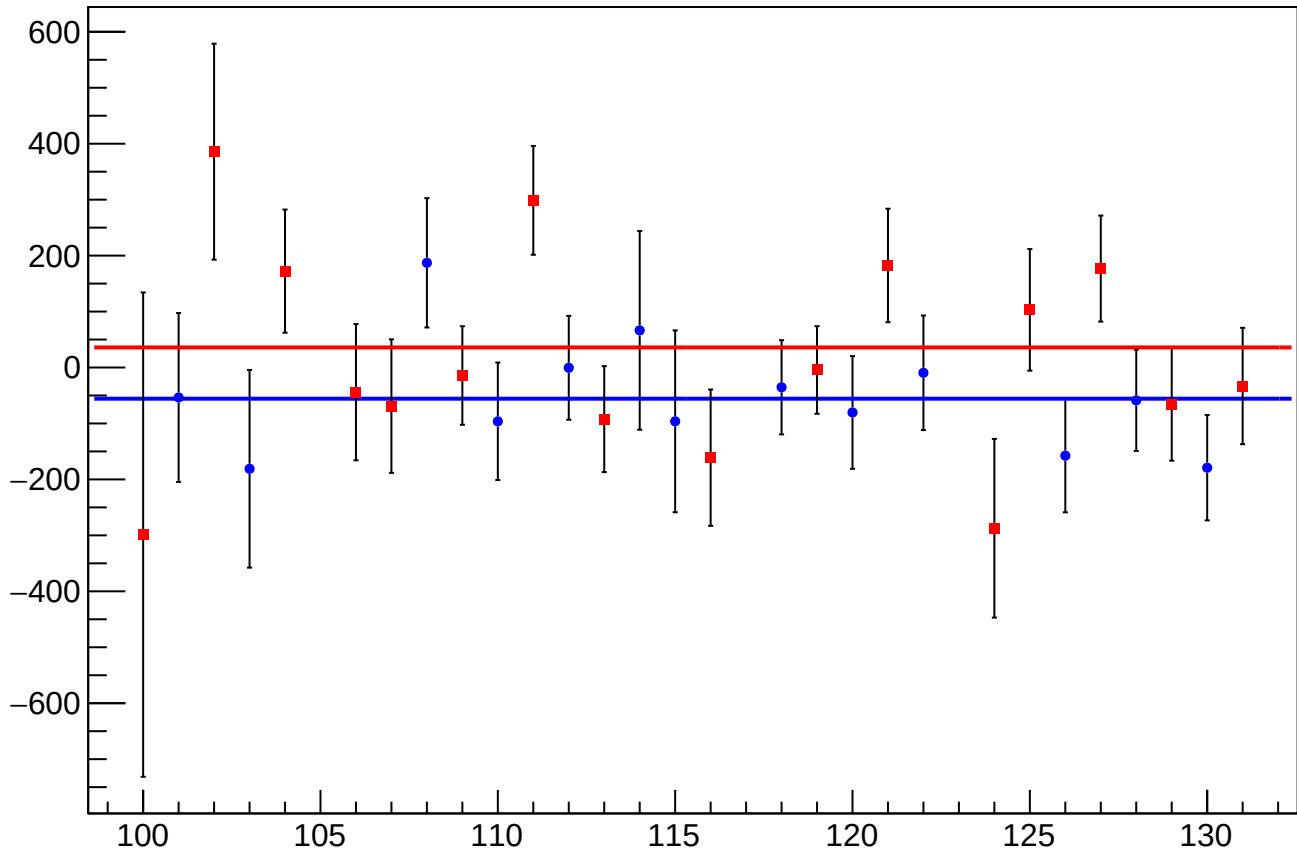
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 283.447+/-0.065 χ^2/NDF : 4238992.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam7_mean vs Slug



Right In: -55.731 ± 30.227 χ^2/NDF : 9.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 35.891 ± 27.203 χ^2/NDF : 29.2/15

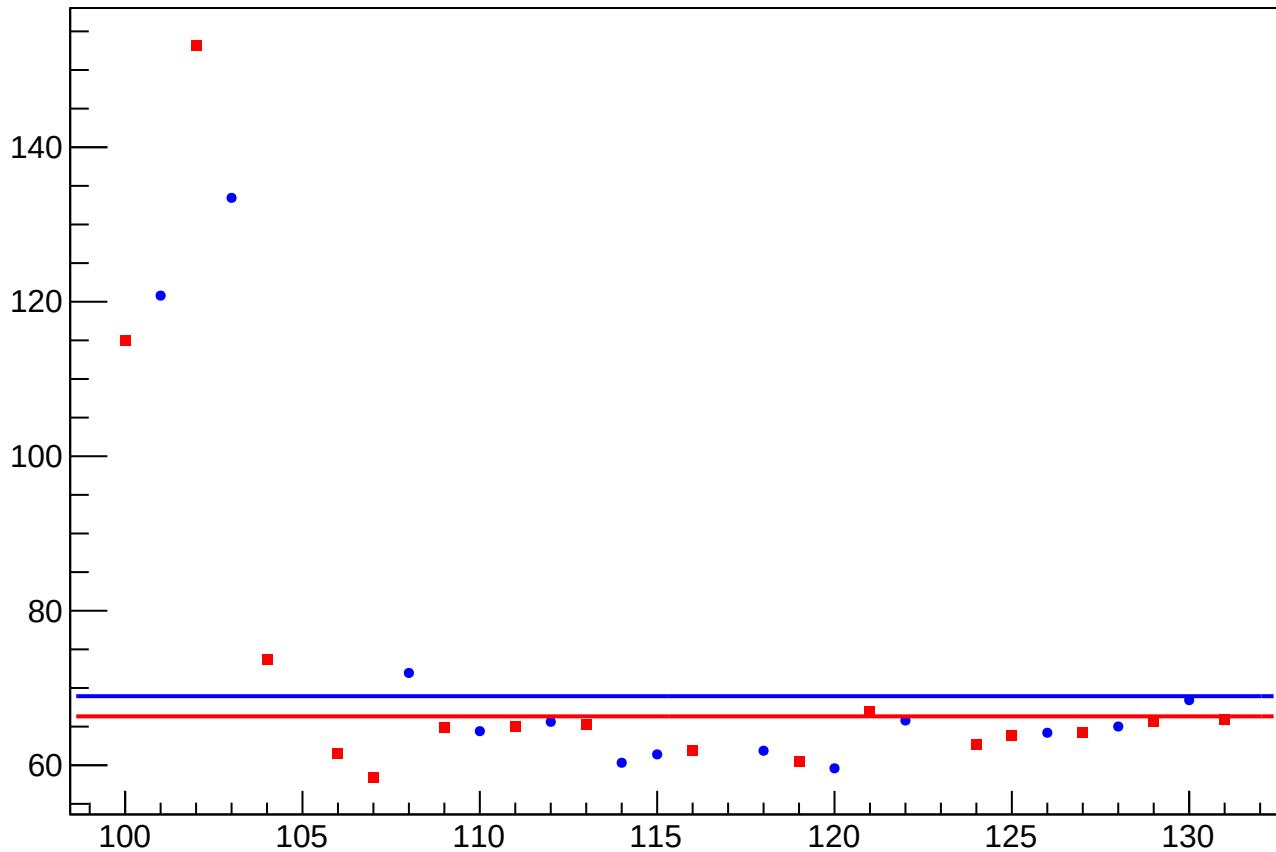
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.108 ± 20.220 χ^2/NDF : 43.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam7_rms vs Slug



Right In: 68.938 $\pm$ 0.021 χ^2 /NDF: 560663.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 66.327 $\pm$ 0.019 χ^2 /NDF: 468870.5/15

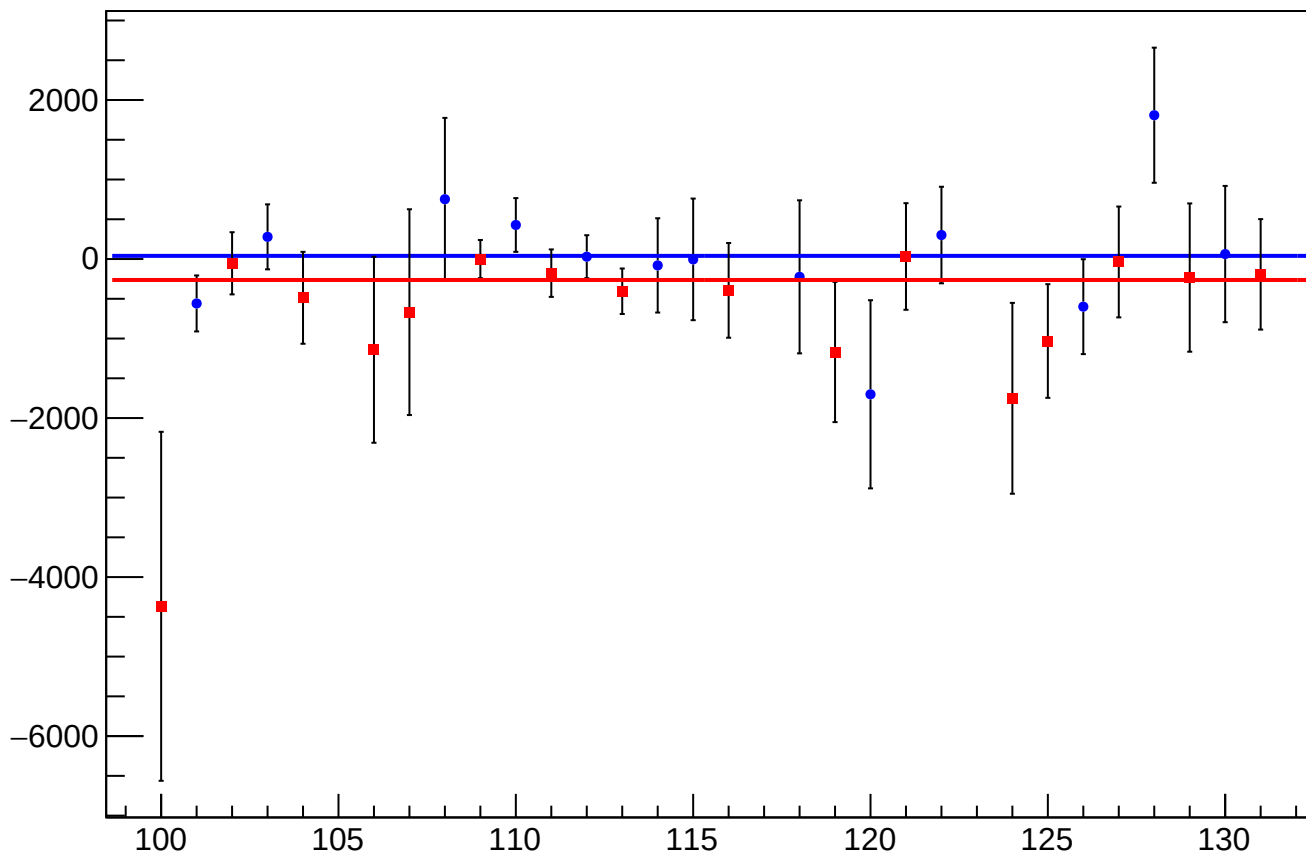
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 67.495 $\pm$ 0.014 χ^2 /NDF: 1037775.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_cor_correction_mean vs Slug



Right In: 39.808+/-138.574 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -263.490+/-122.961 χ^2/NDF : 10.2/15

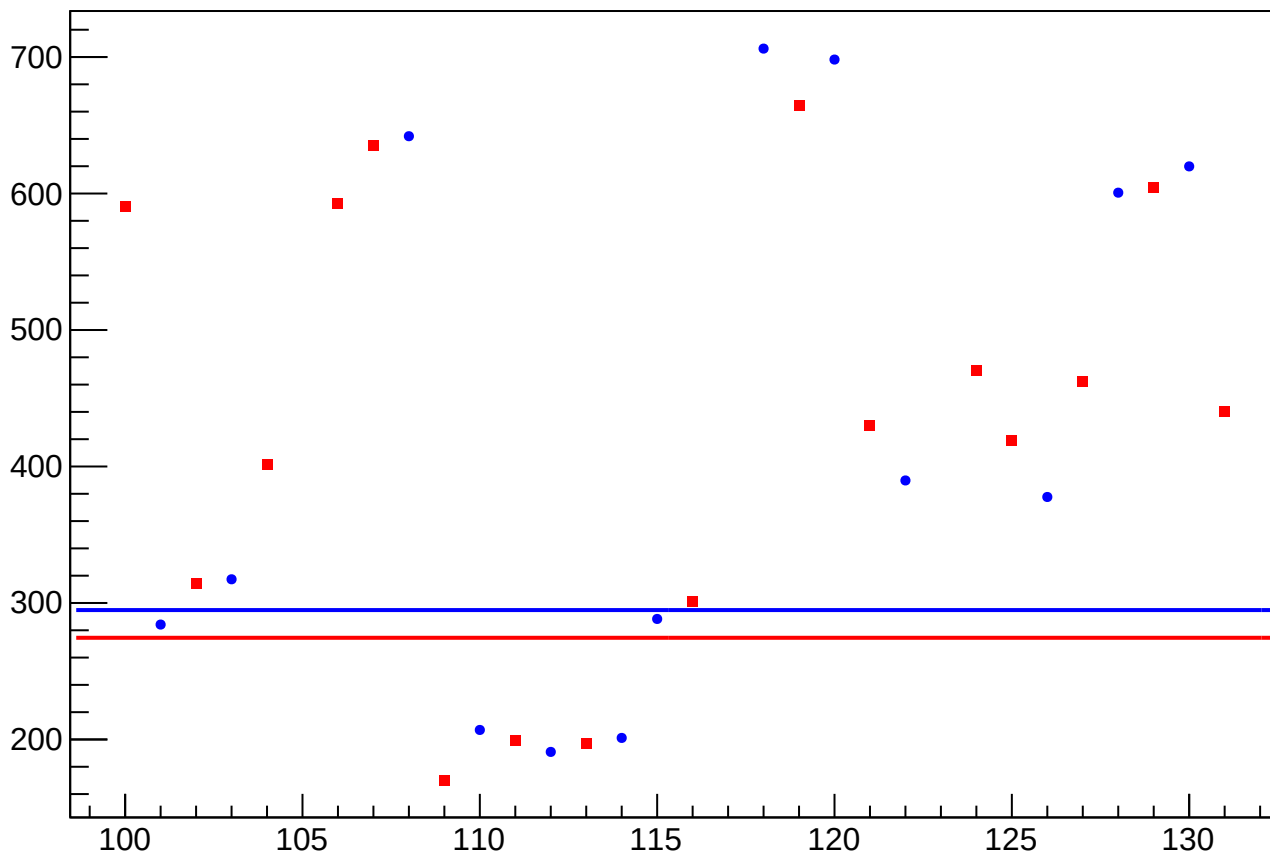
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -129.884+/-91.973 χ^2/NDF : 25.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_cor_correction_rms vs Slug



Right In: 294.807+/-0.098 χ^2/NDF : 1951554.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 274.503+/-0.087 χ^2/NDF : 2263416.9/15

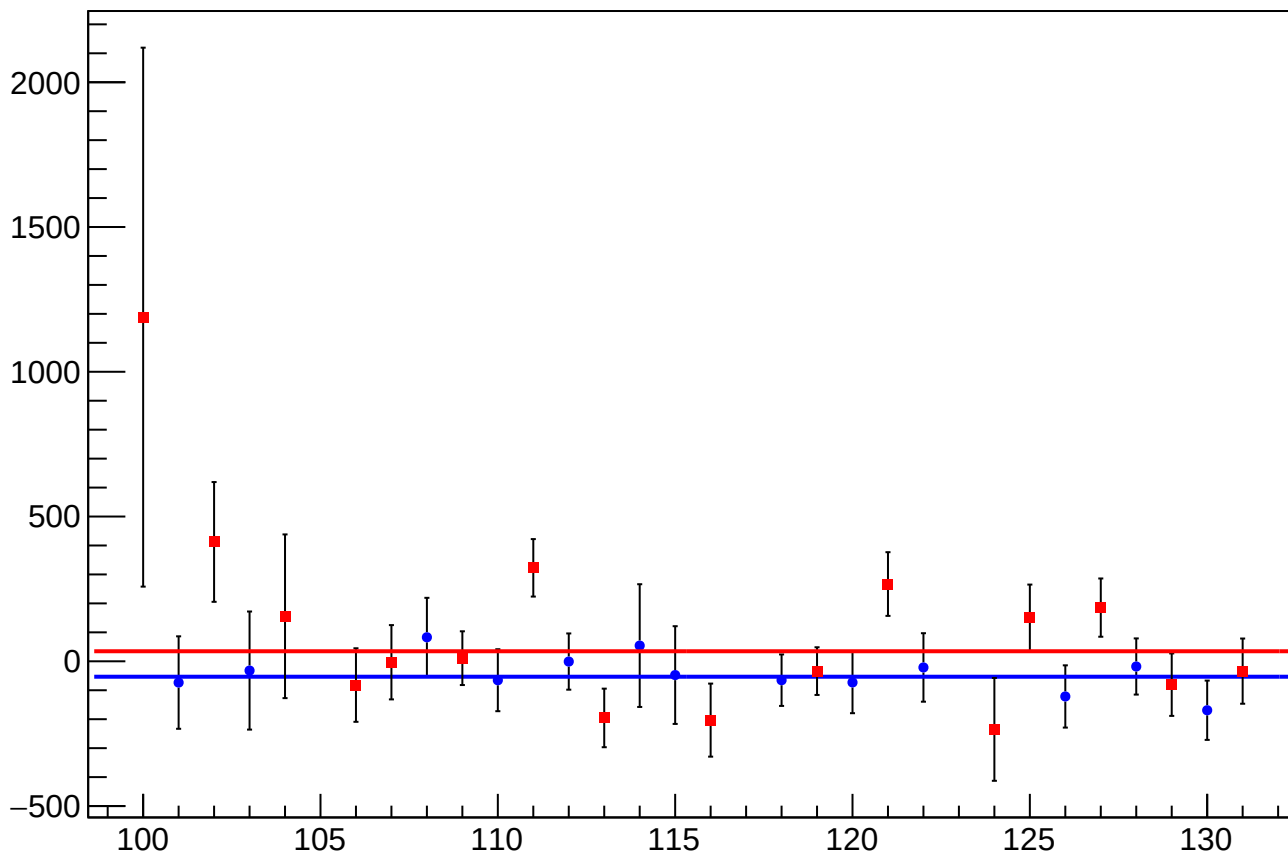
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 283.447+/-0.065 χ^2/NDF : 4238992.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam7_mean vs Slug



Right In: -53.272 ± 32.573 χ^2/NDF : 3.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 34.711 ± 29.625 χ^2/NDF : 35.4/15

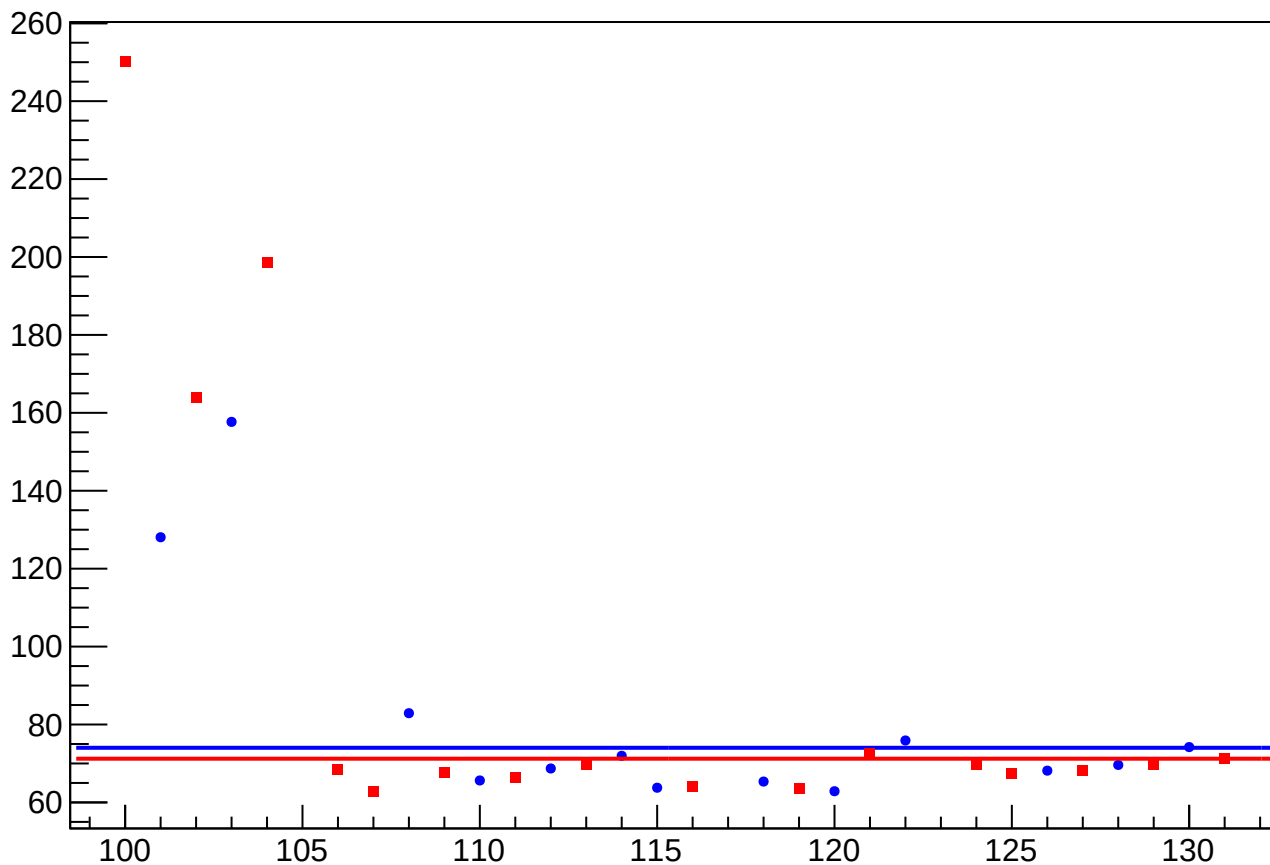
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.120 ± 21.916 χ^2/NDF : 43.0/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam7_rms vs Slug



Right In: 74.024 $\pm$ 0.023 χ^2 /NDF: 651456.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 71.224 $\pm$ 0.021 χ^2 /NDF: 928229.0/15

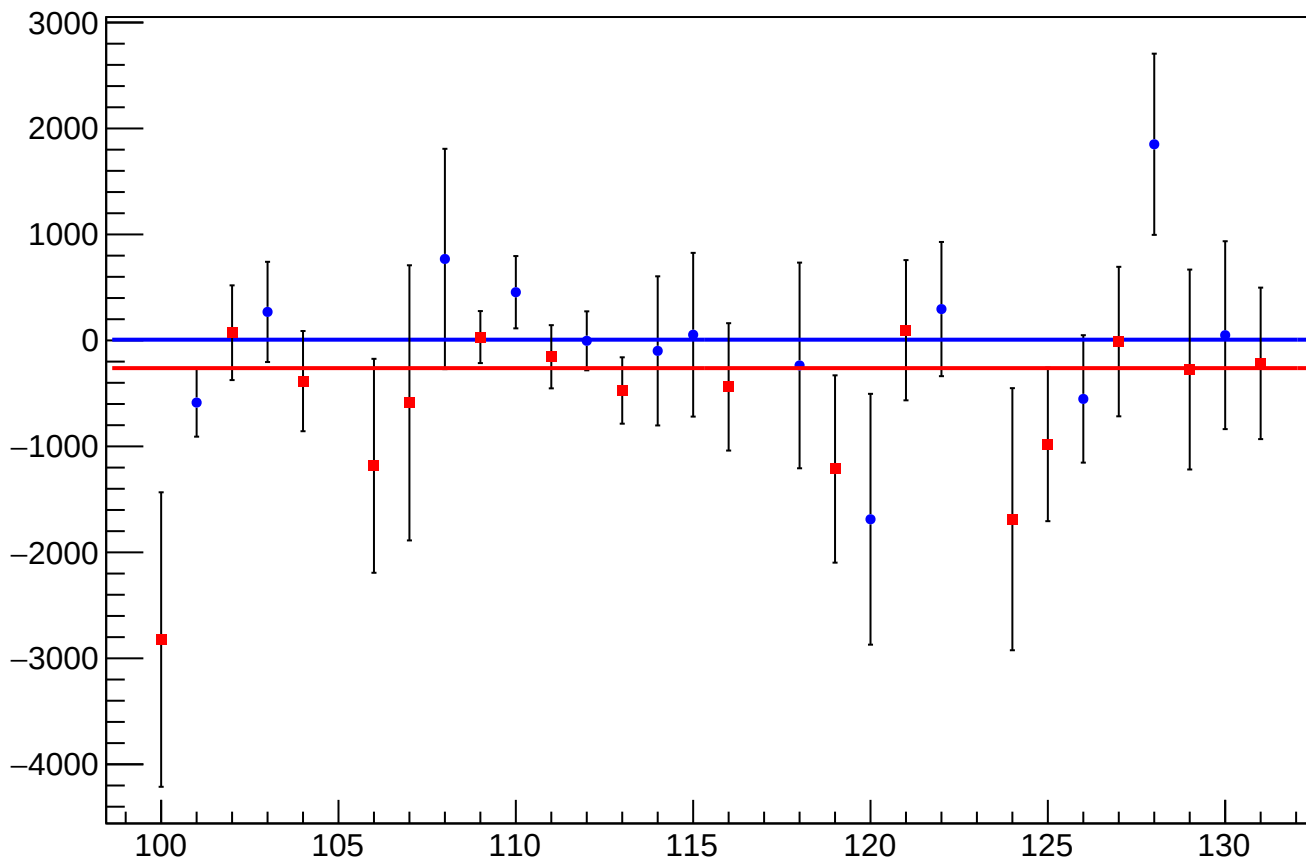
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 72.492 $\pm$ 0.015 χ^2 /NDF: 1587773.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_dit_correction_mean vs Slug



Right In: 6.883+/-141.501 χ^2/NDF : 13.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -261.498+/-125.394 χ^2/NDF : 10.9/15

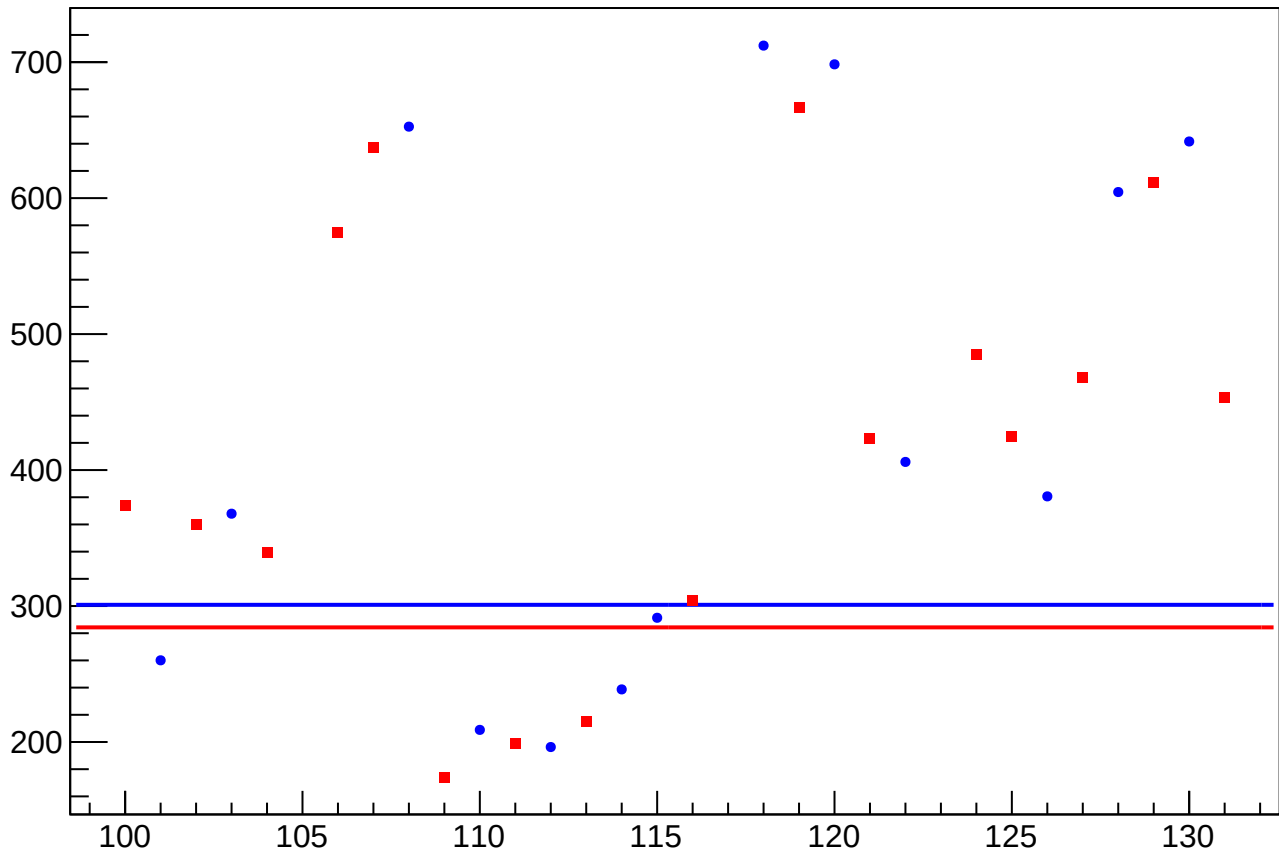
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -143.445+/-93.847 χ^2/NDF : 26.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_dit_correction_rms vs Slug



Right In: 300.886+/-0.100 χ^2/NDF : 1968059.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

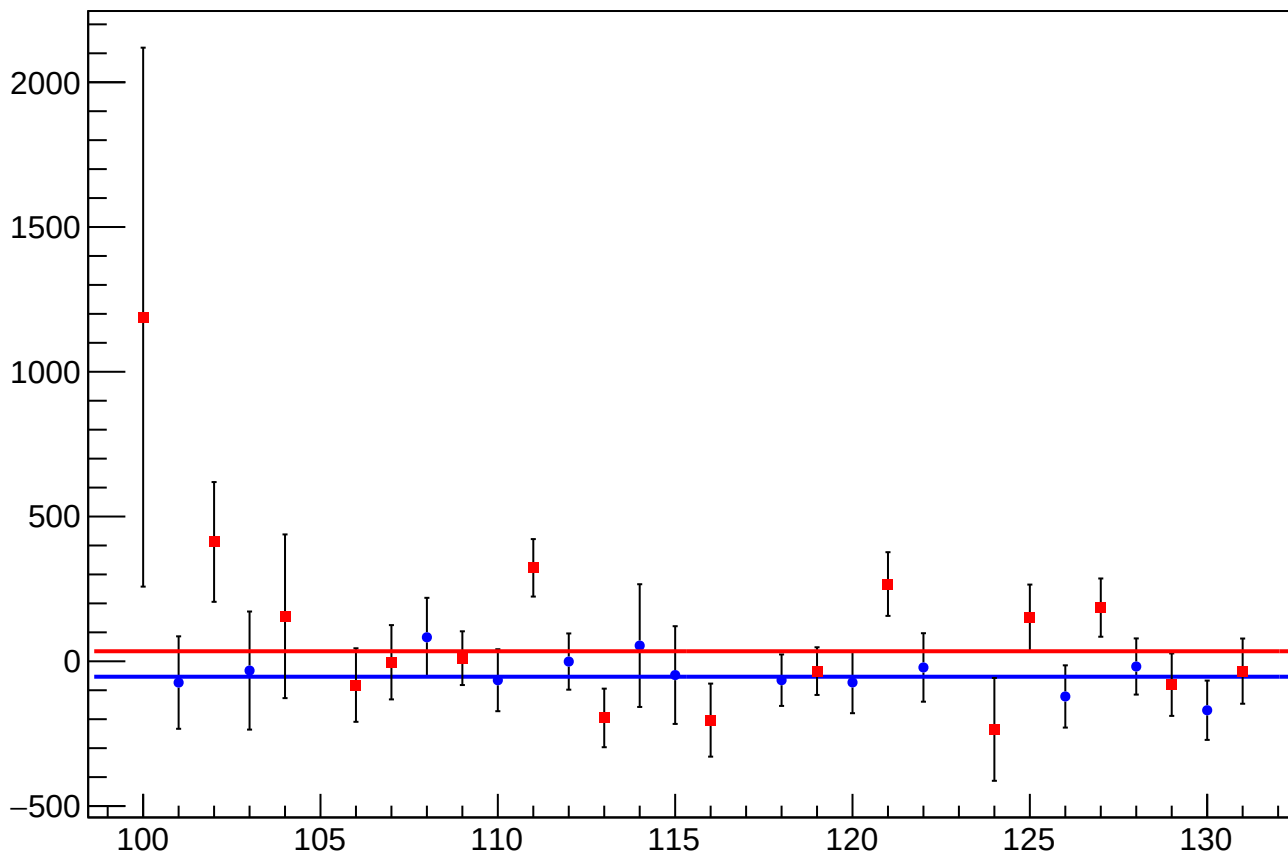
Right Out: 284.300+/-0.089 χ^2/NDF : 2151131.4/15

All: 291.595+/-0.066 χ^2/NDF : 4134582.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam7_mean vs Slug



Right In: -53.272 ± 32.573 χ^2/NDF : 3.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 34.712 ± 29.625 χ^2/NDF : 35.4/15

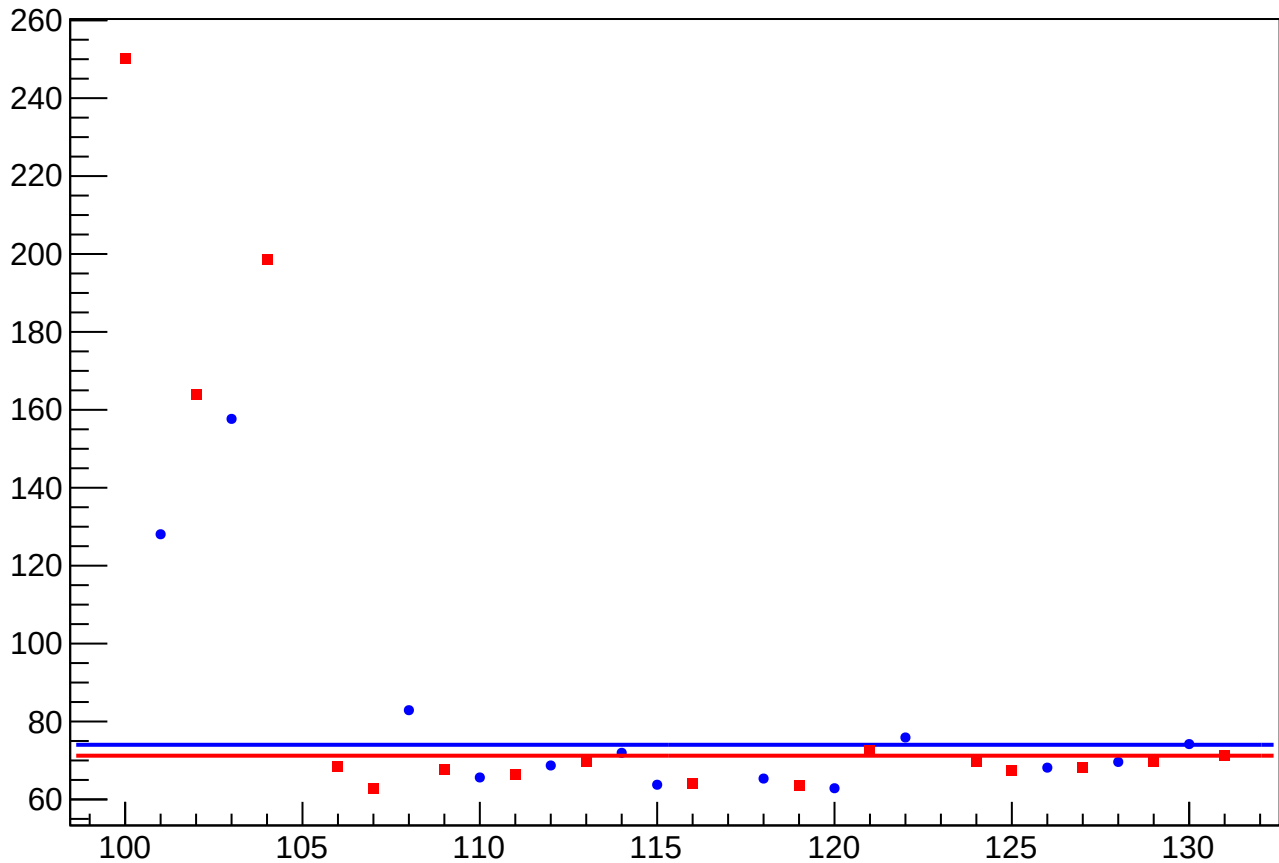
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.120 ± 21.916 χ^2/NDF : 43.0/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam7_rms vs Slug



Right In: 74.024+/-0.023 χ^2/NDF : 651458.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.224+/-0.021 χ^2/NDF : 928229.3/15

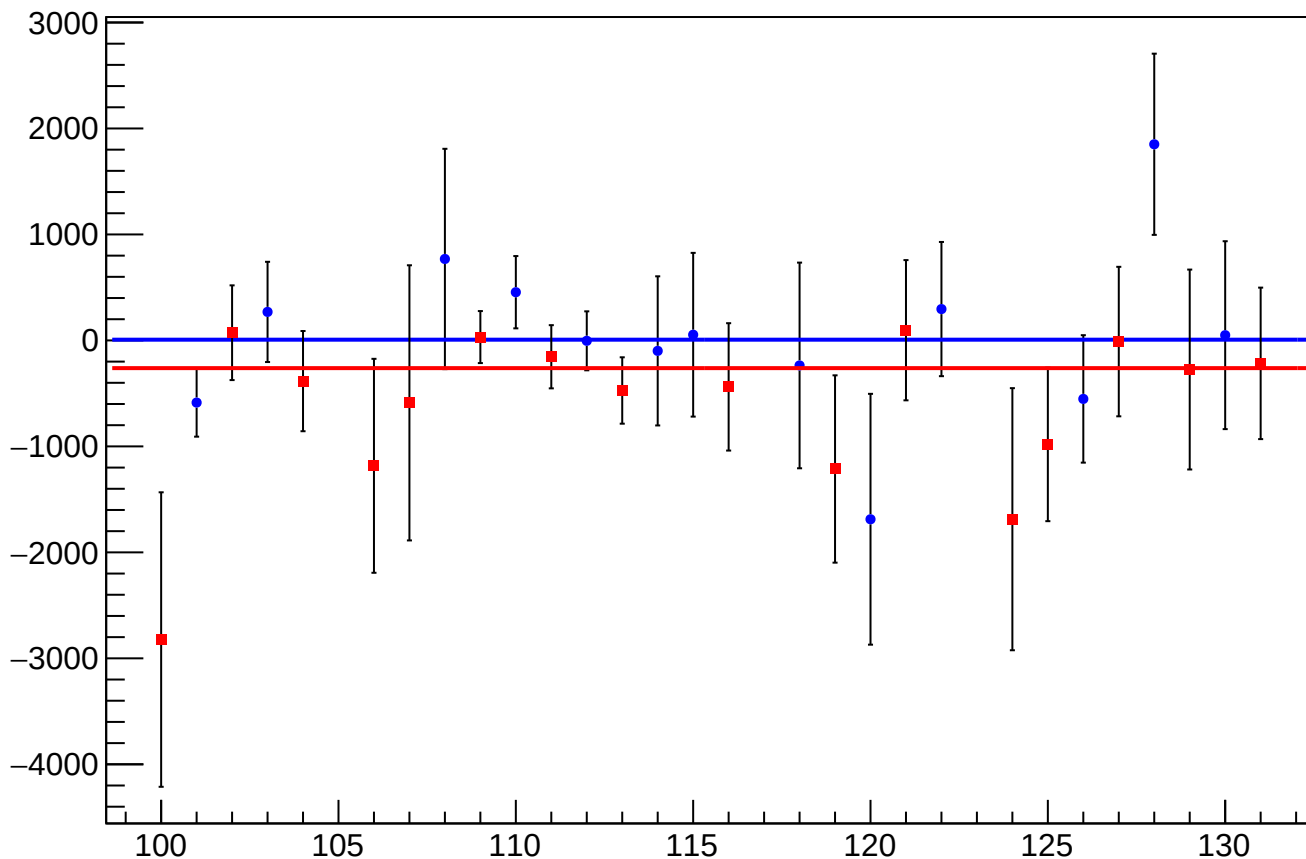
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.492+/-0.015 χ^2/NDF : 1587775.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_dit_correction_mean vs Slug



Right In: 6.882+/-141.500 χ^2/NDF : 13.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -261.497+/-125.394 χ^2/NDF : 10.9/15

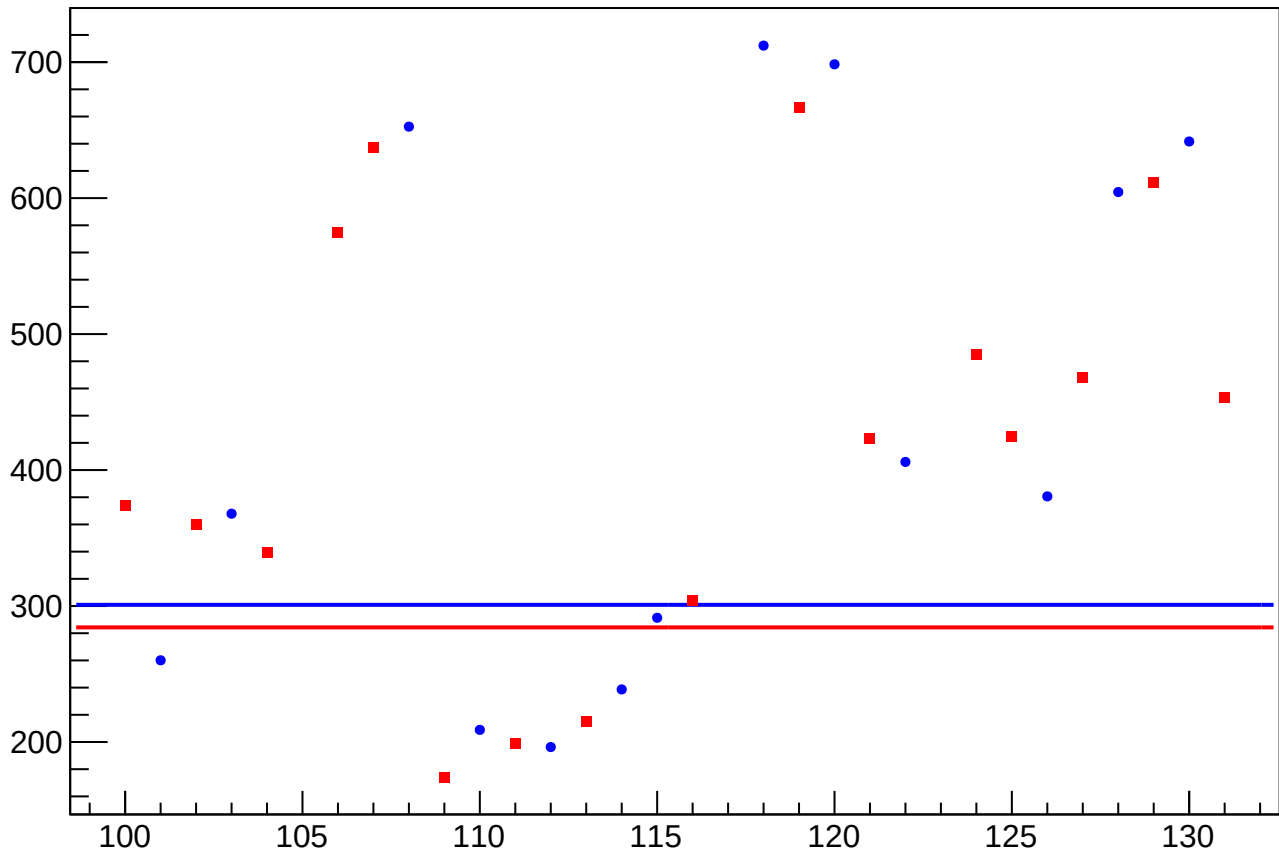
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -143.444+/-93.847 χ^2/NDF : 26.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_dit_correction_rms vs Slug



Right In: 300.883+/-0.100 χ^2/NDF : 1968084.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 284.298+/-0.089 χ^2/NDF : 2151139.6/15

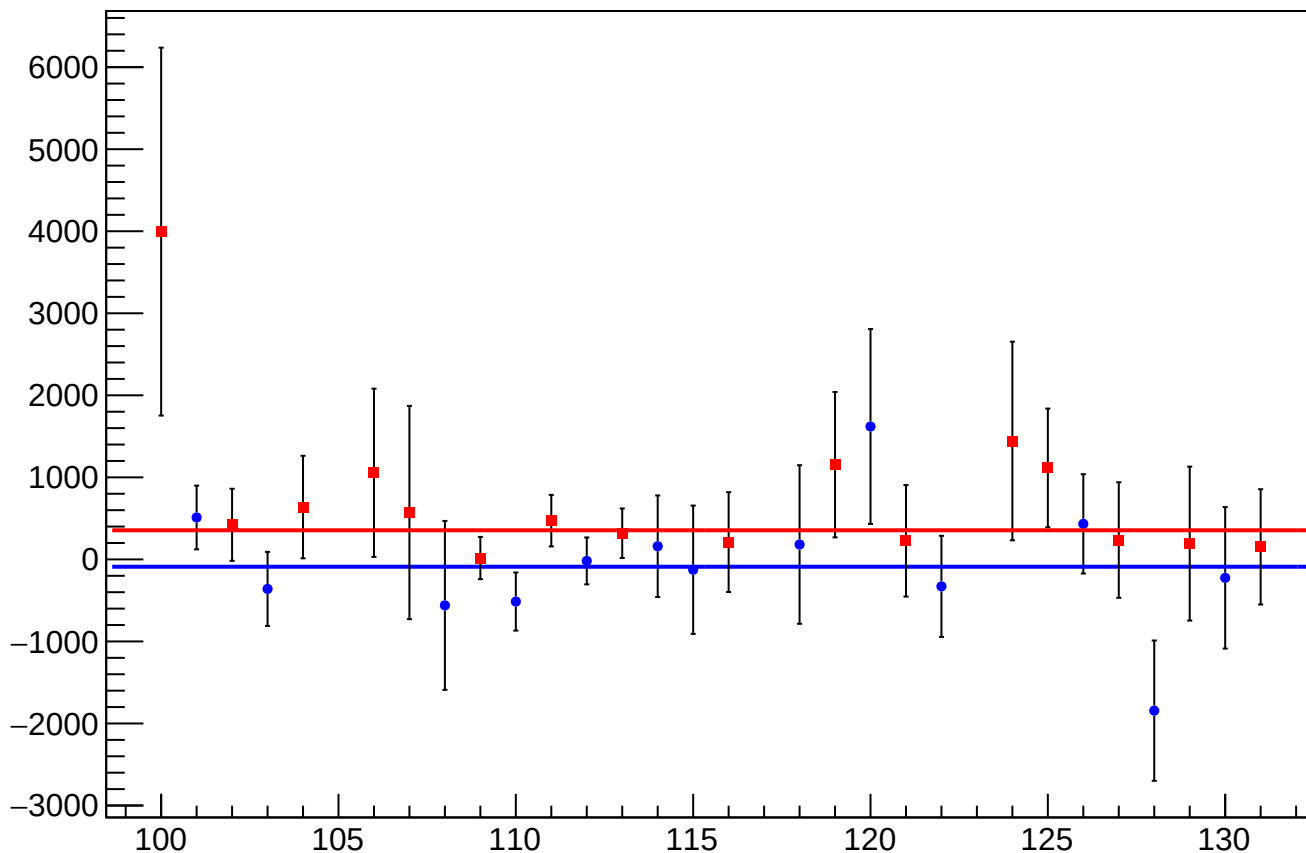
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 291.594+/-0.066 χ^2/NDF : 4134613.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_mean vs Slug



Right In: -89.492 ± 146.202 χ^2/NDF : 11.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 354.983 ± 129.543 χ^2/NDF : 8.2/15

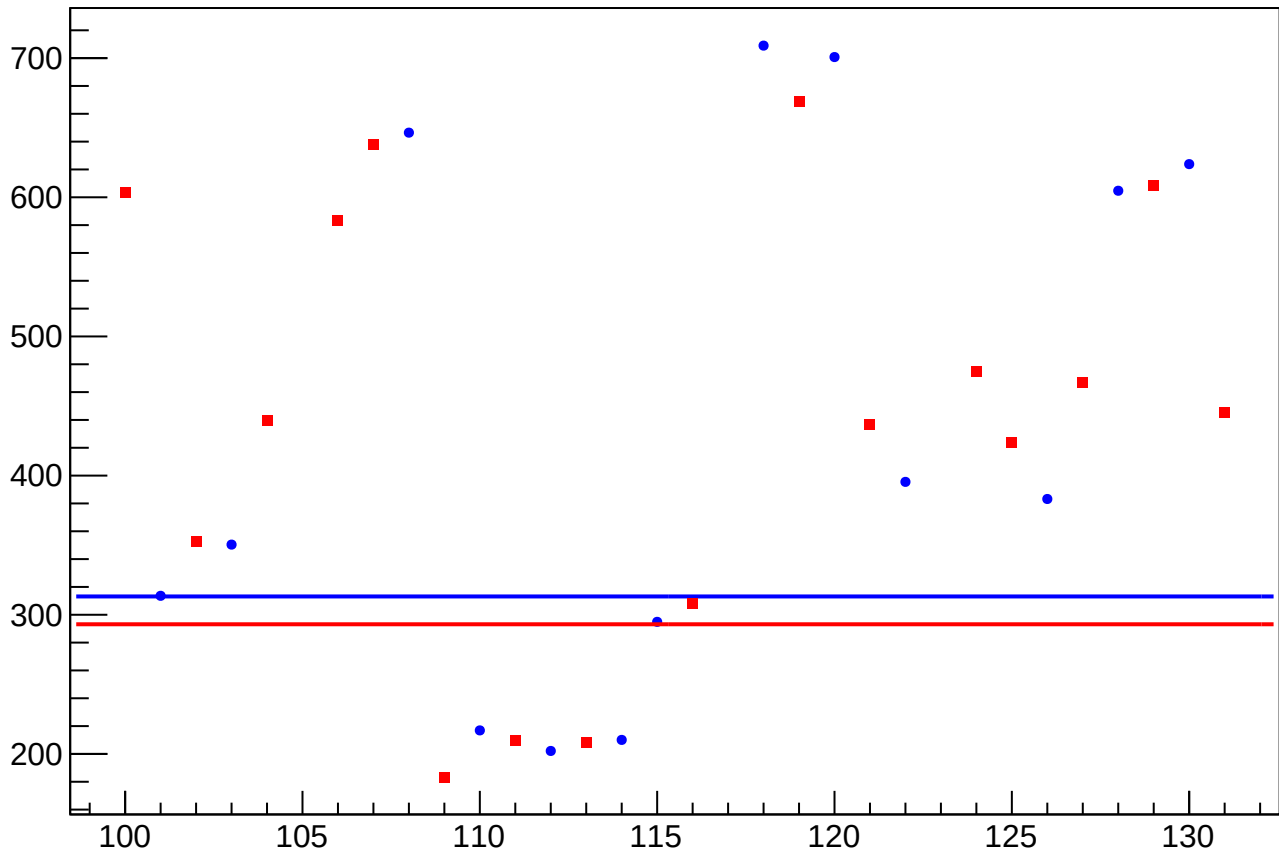
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 159.500 ± 96.958 χ^2/NDF : 25.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam7_rms vs Slug



Right In: 313.163+/-0.103 χ^2/NDF : 1831993.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 293.169+/-0.092 χ^2/NDF : 2152281.9/15

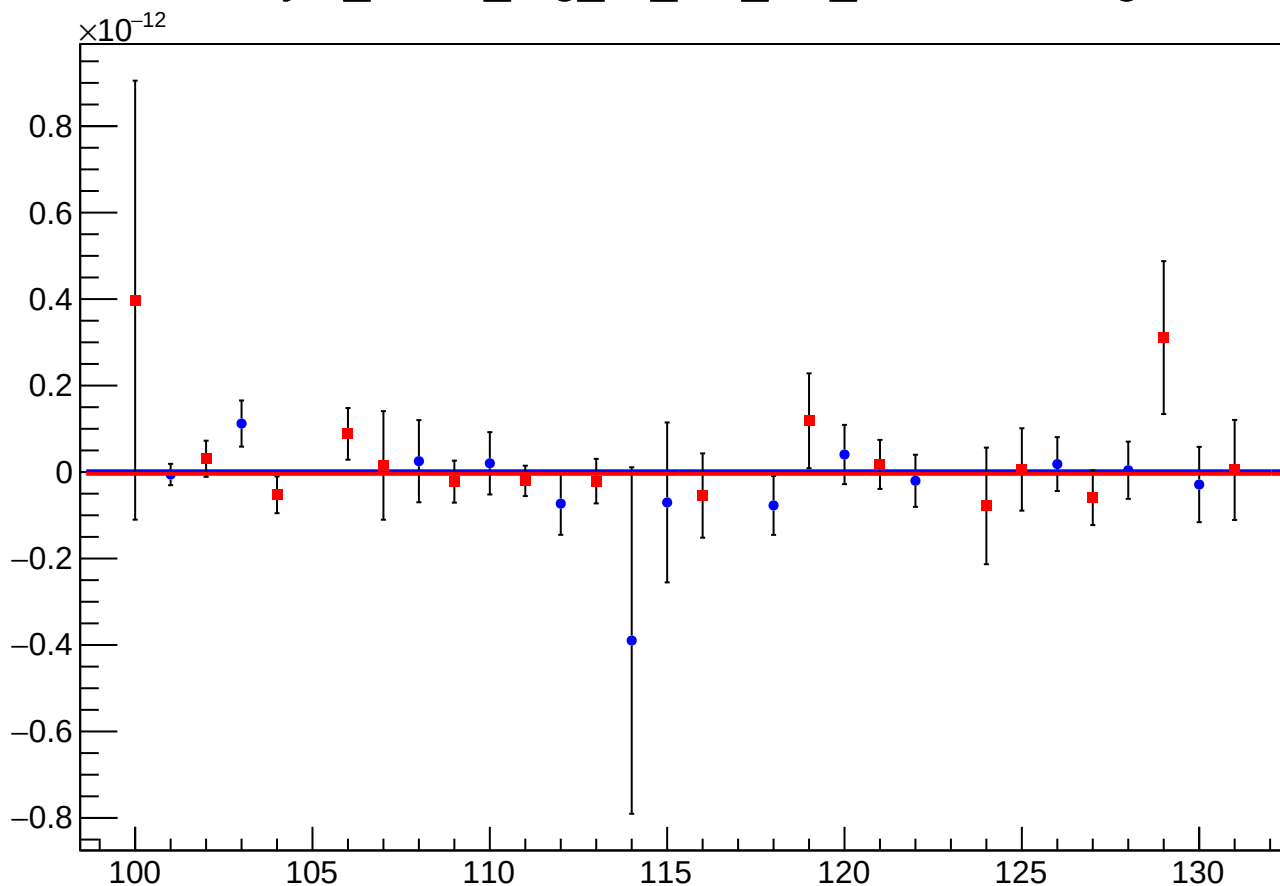
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 301.963+/-0.069 χ^2/NDF : 4005228.1/28

- 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 : 8.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.4/15

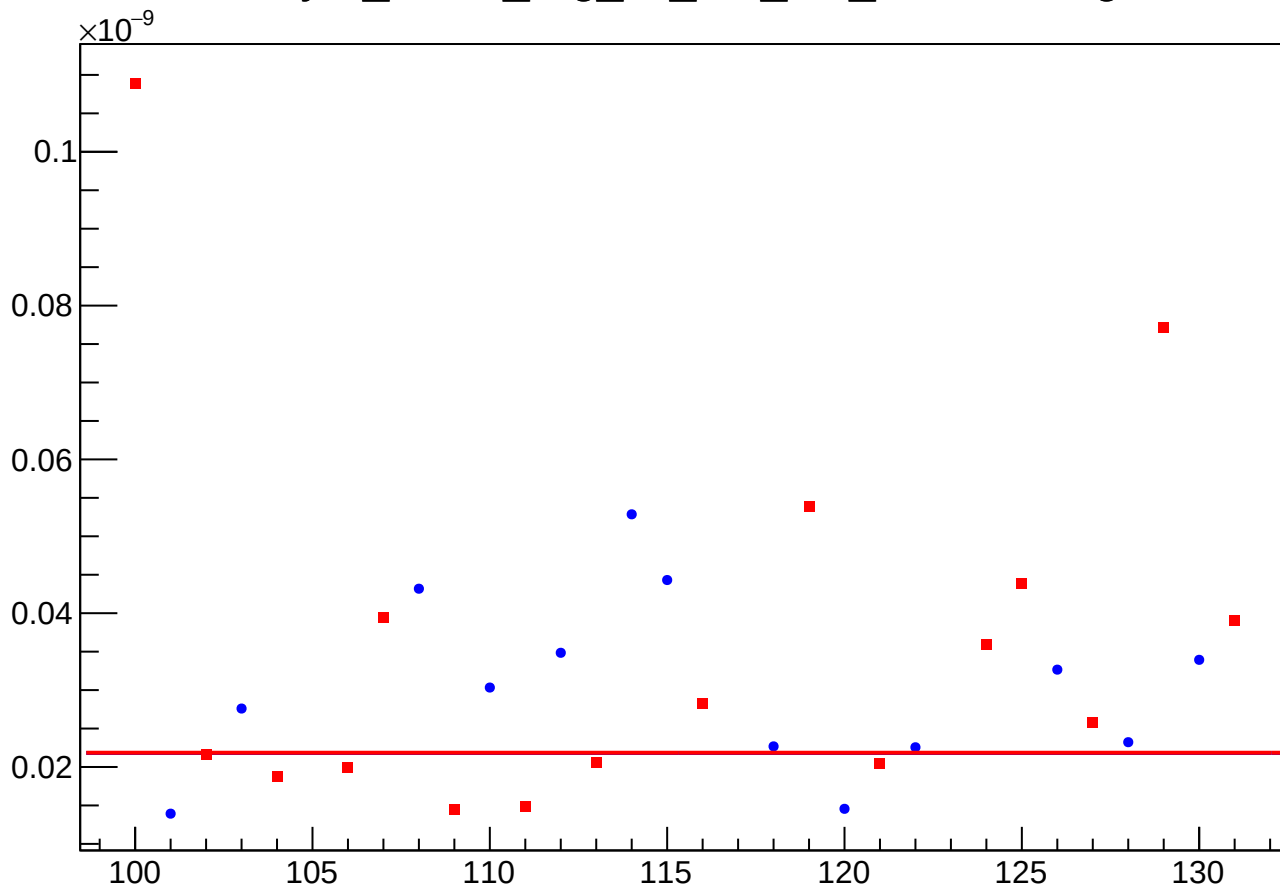
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.1/28

- 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: 586532.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 792914.7/15

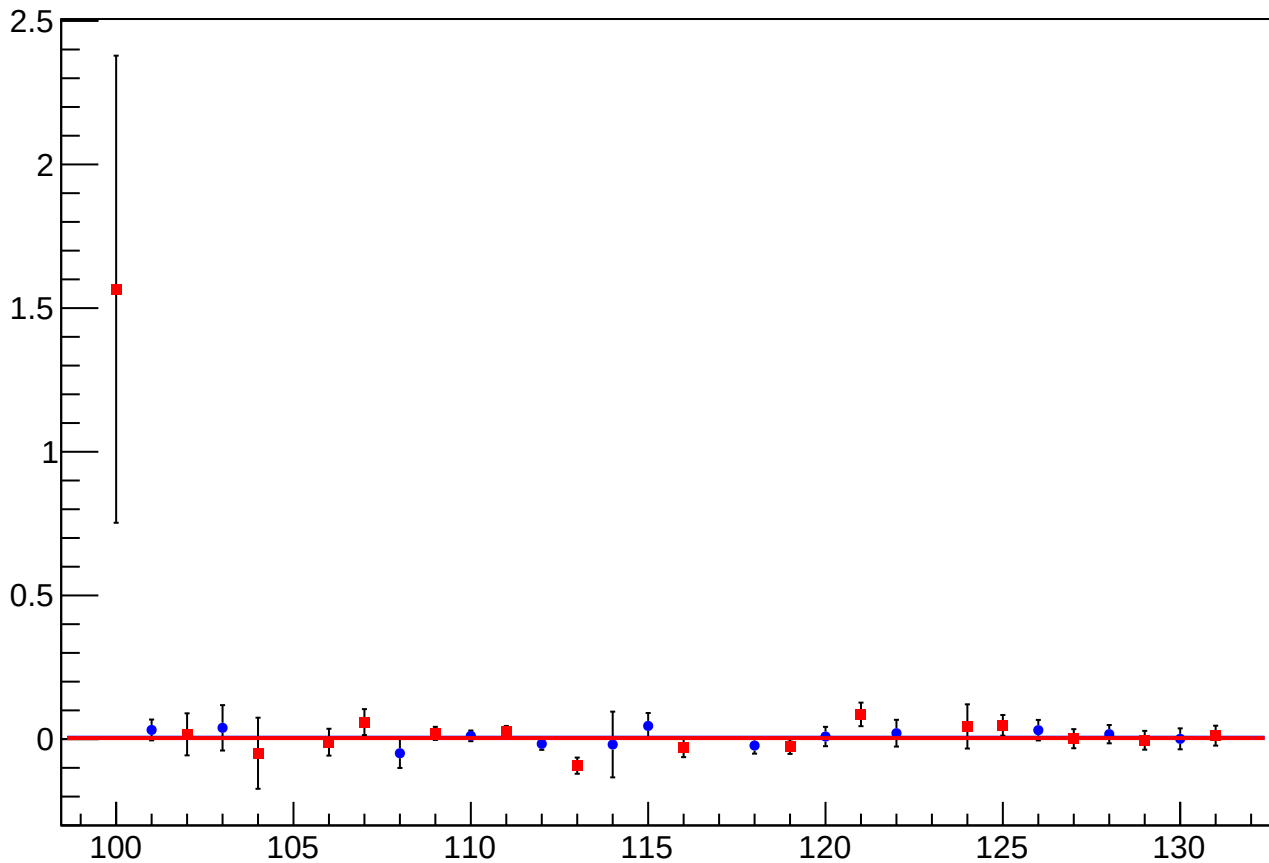
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1379451.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_dit_vs_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.009 χ^2 /NDF: 5.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.009 χ^2 /NDF: 27.5/15

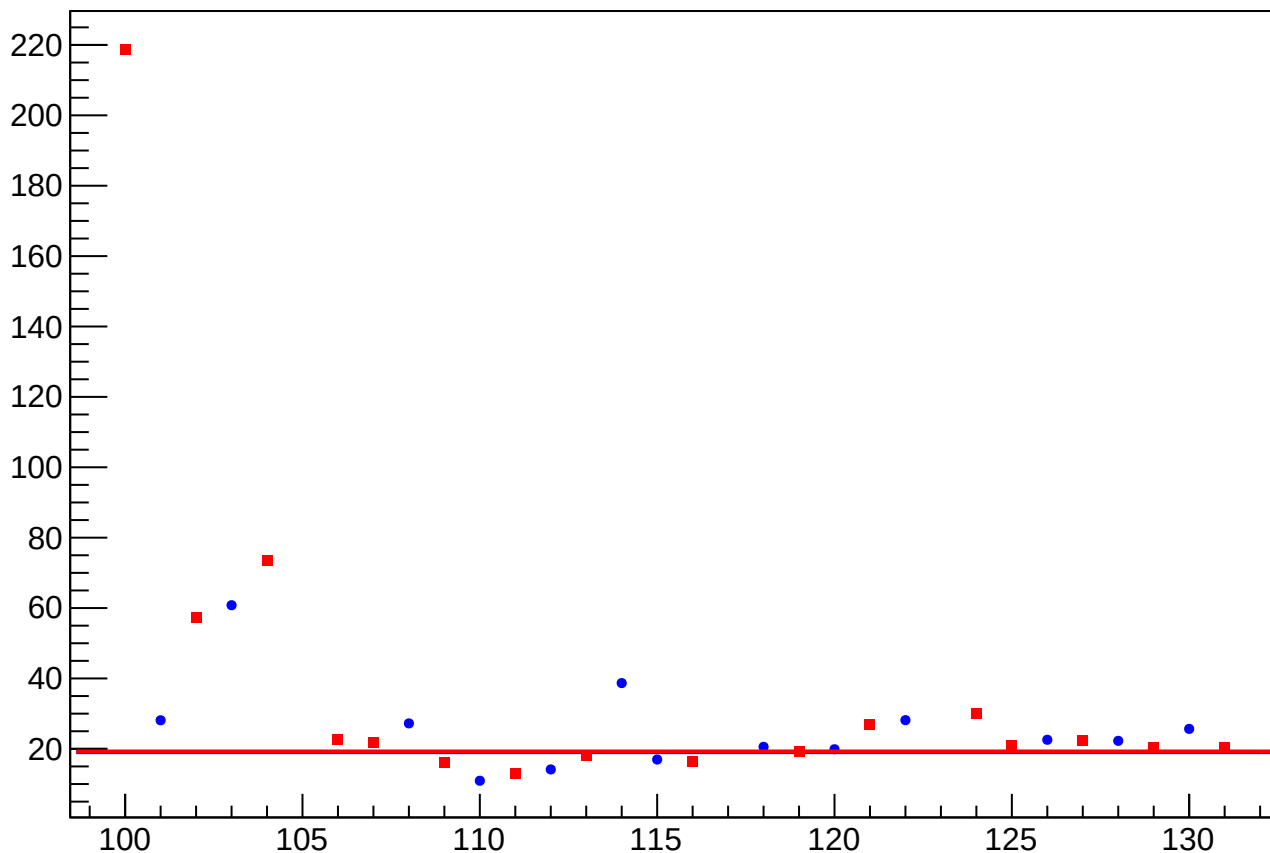
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.006 χ^2 /NDF: 33.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_dit_vs_cor_diff_rms vs Slug



Right In: 19.064+/-0.006 χ^2/NDF : 1479618.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.249+/-0.006 χ^2/NDF : 1462075.6/15

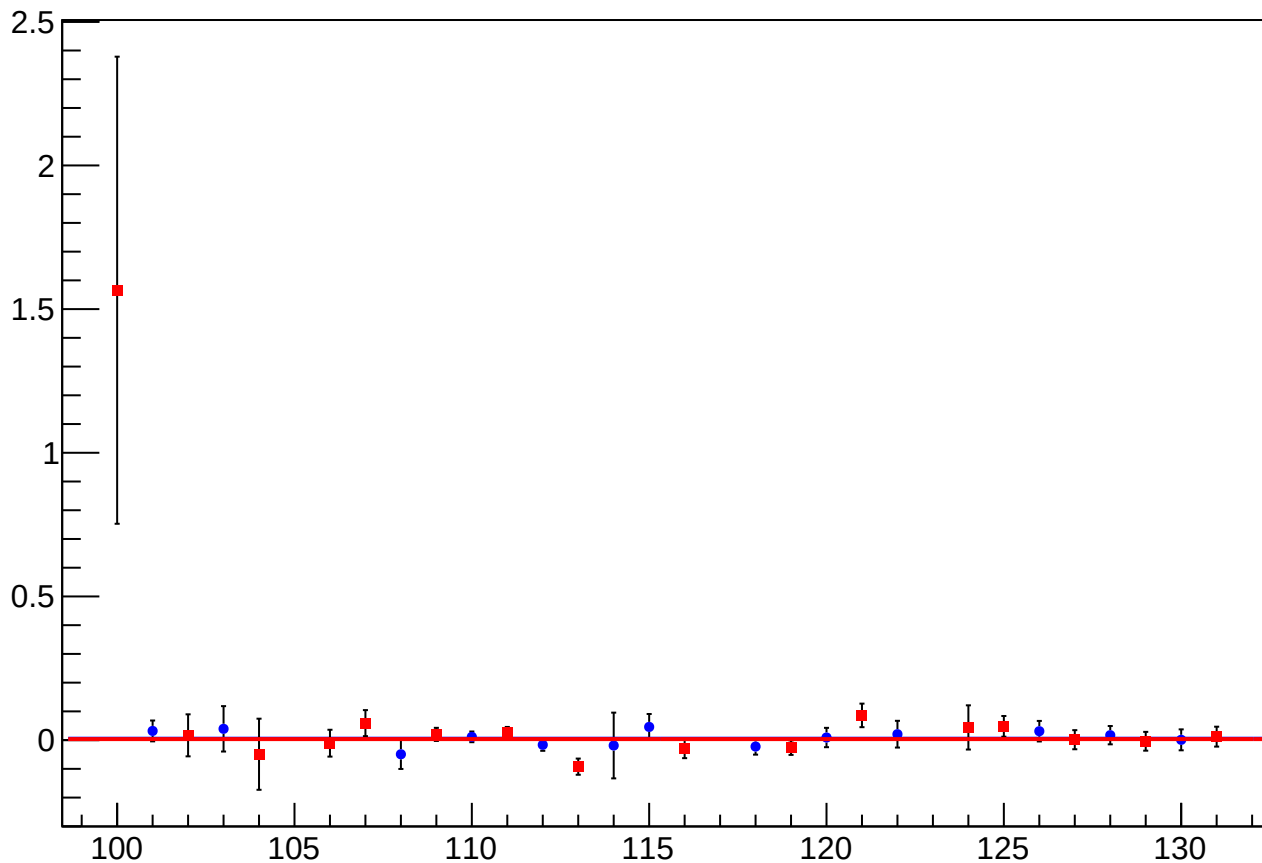
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.162+/-0.004 χ^2/NDF : 2942136.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.009 χ^2 /NDF: 5.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.009 χ^2 /NDF: 27.5/15

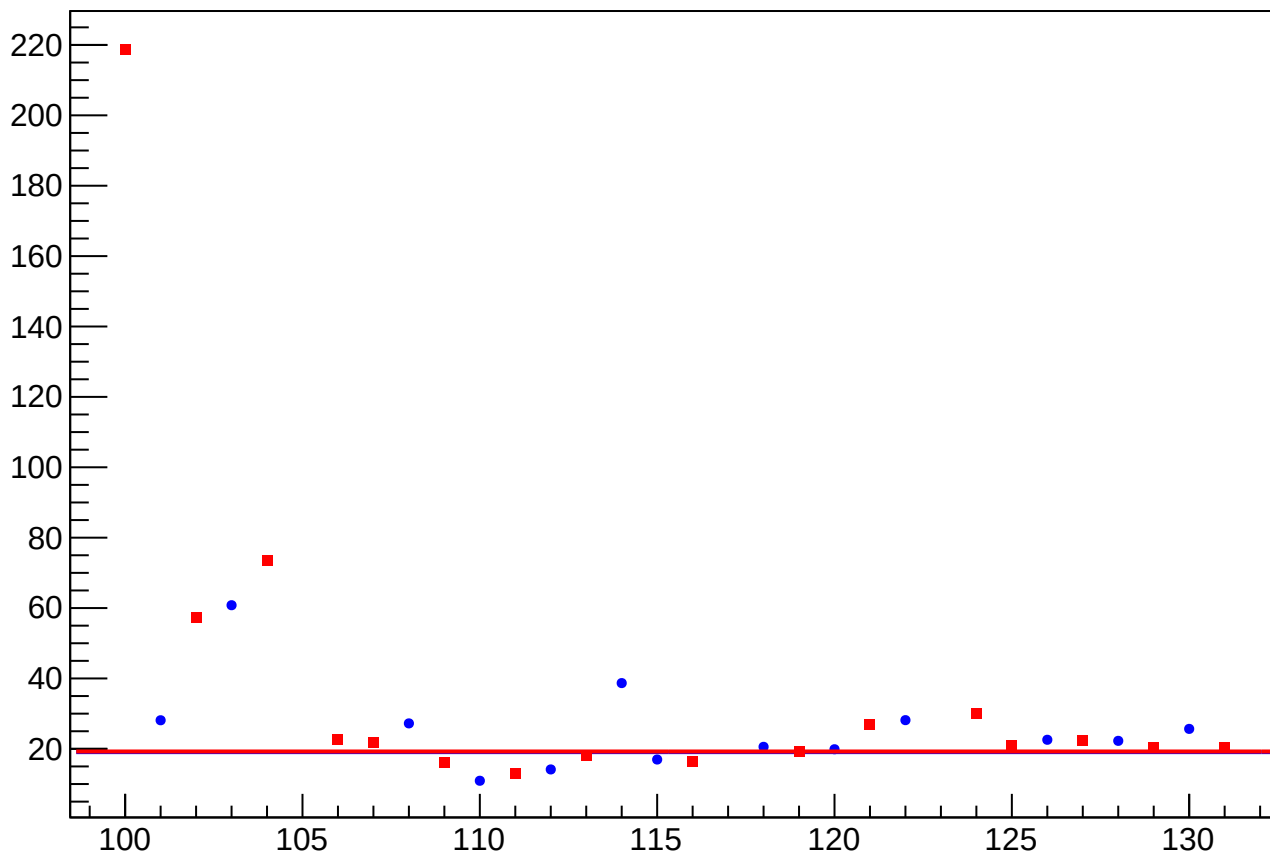
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.006 χ^2 /NDF: 33.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 19.064+/-0.006 χ^2/NDF : 1479618.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.249+/-0.006 χ^2/NDF : 1462075.6/15

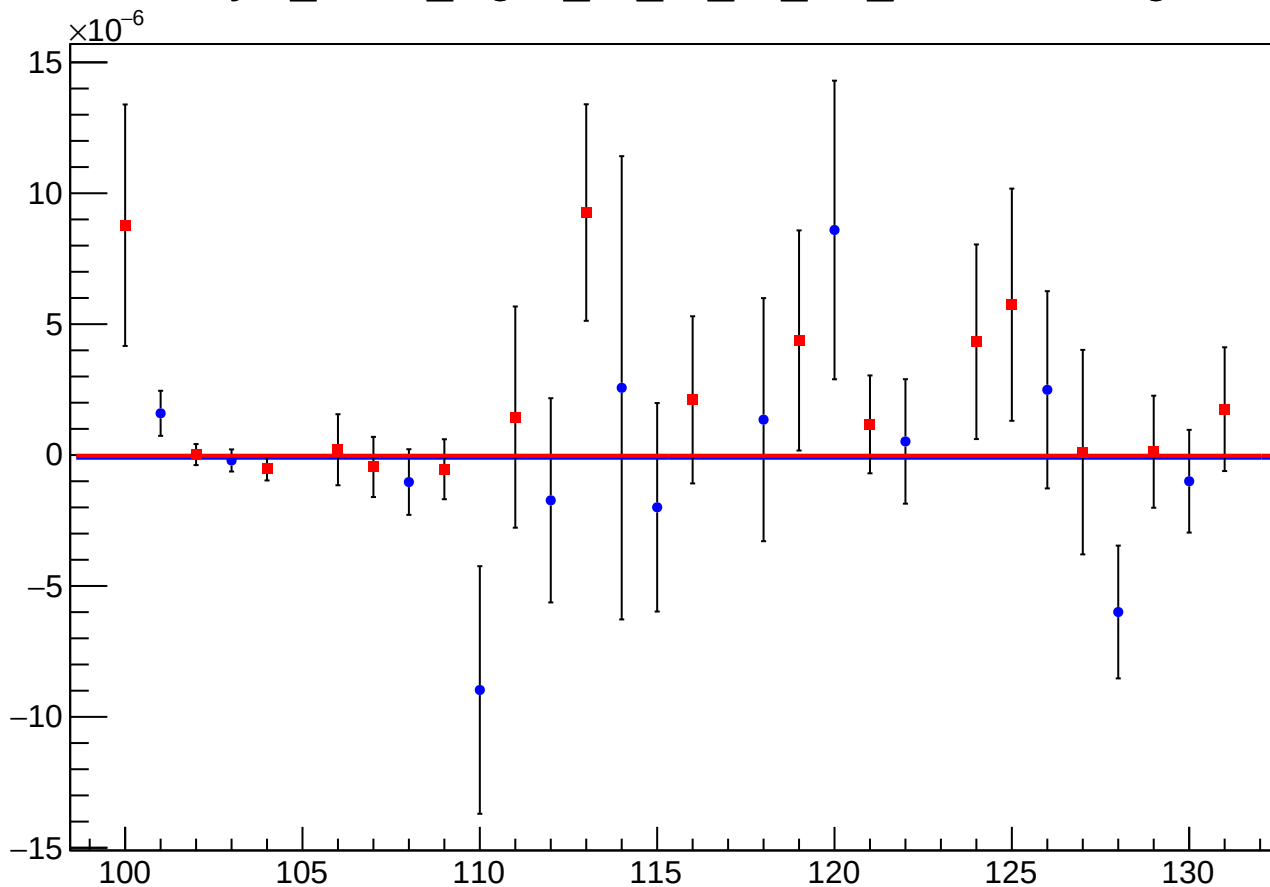
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.162+/-0.004 χ^2/NDF : 2942136.3/28

- 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 : 17.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.0/15

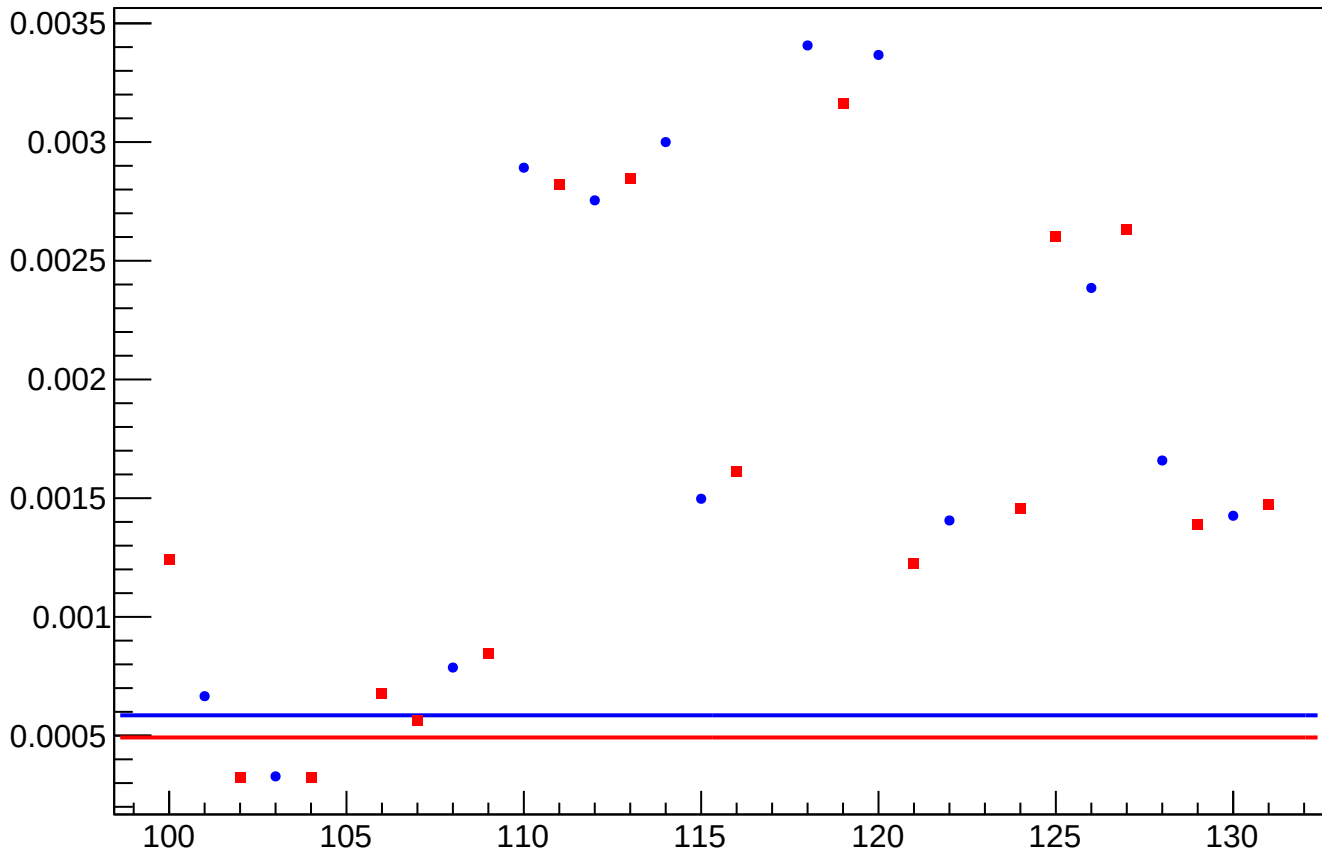
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.1/28

- 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 : 4795505.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5424827.9/15

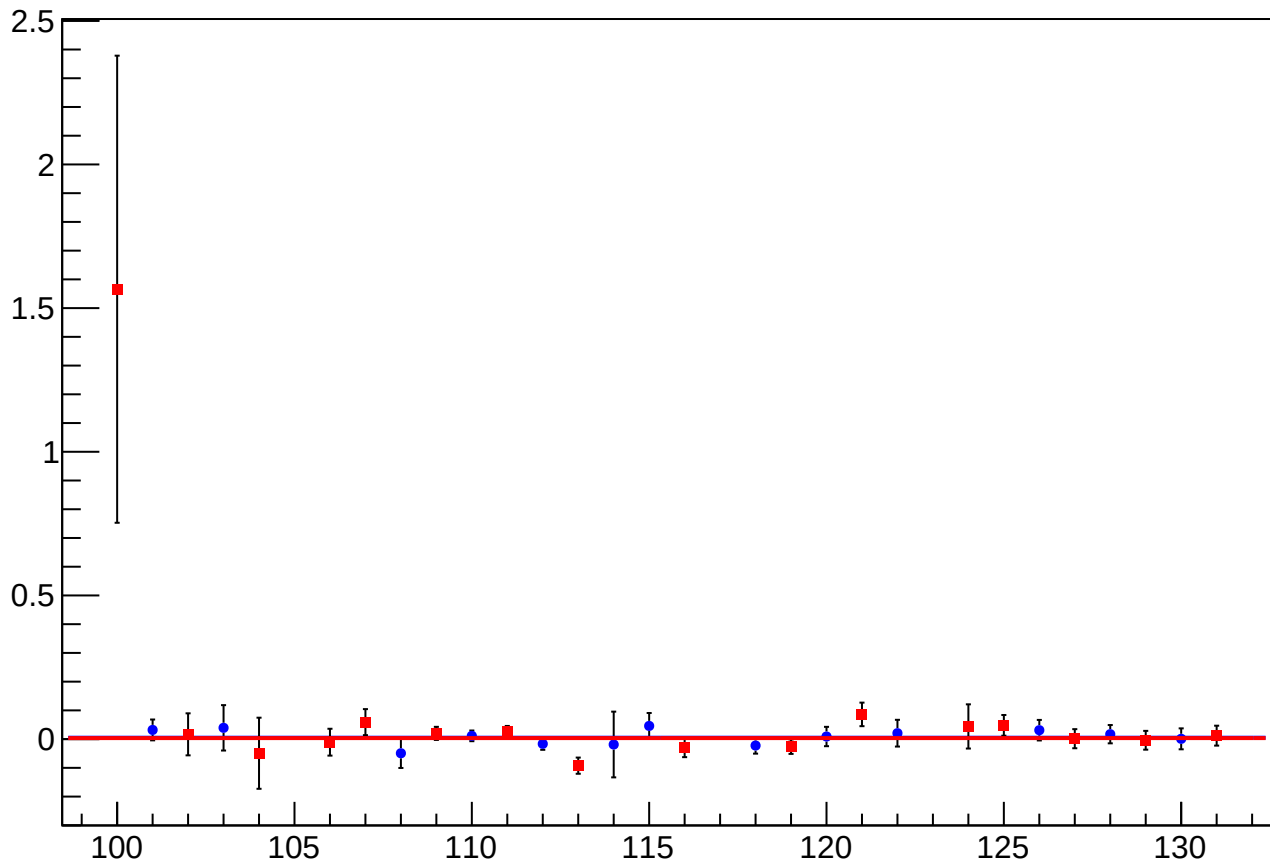
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 10313656.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.009 χ^2 /NDF: 5.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.009 χ^2 /NDF: 27.5/15

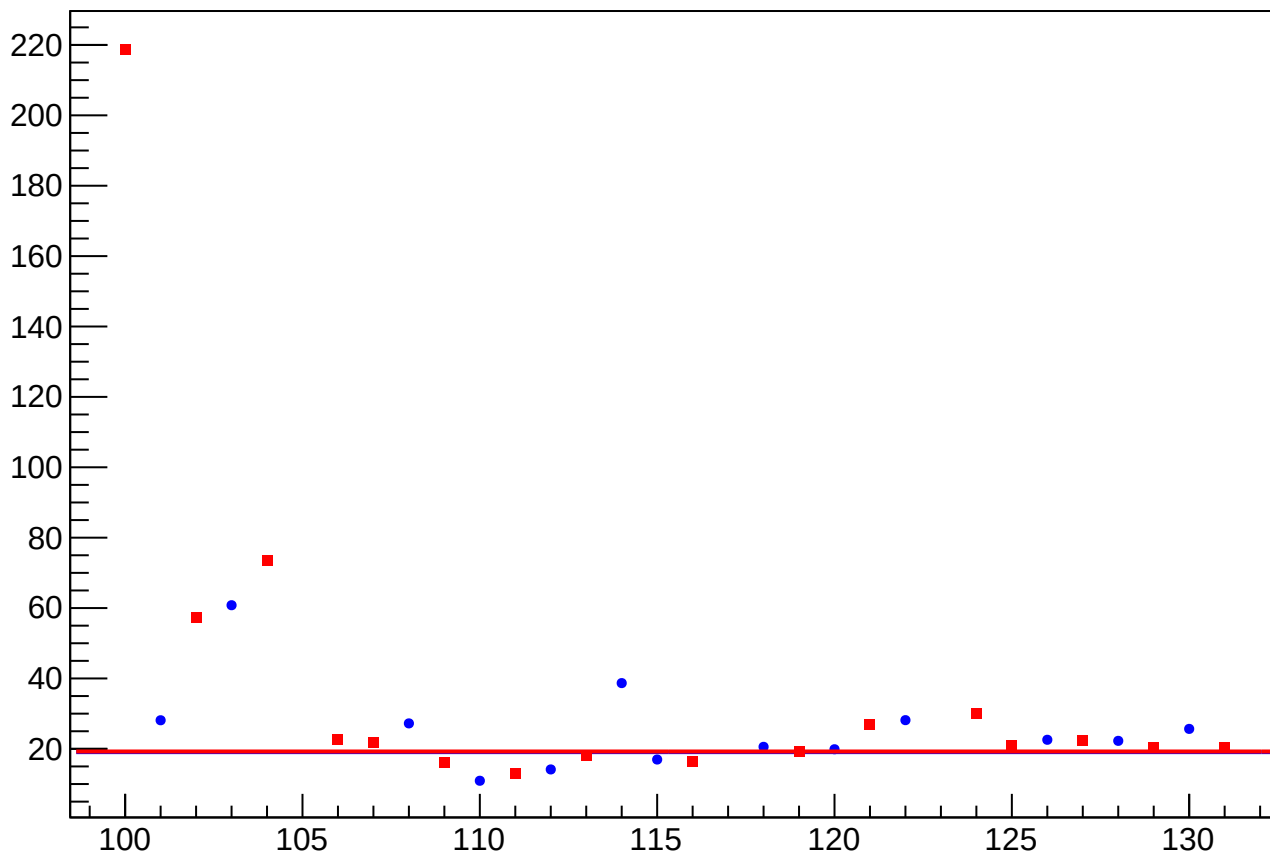
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.006 χ^2 /NDF: 33.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 19.064+/-0.006 χ^2/NDF : 1479466.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.249+/-0.006 χ^2/NDF : 1462007.6/15

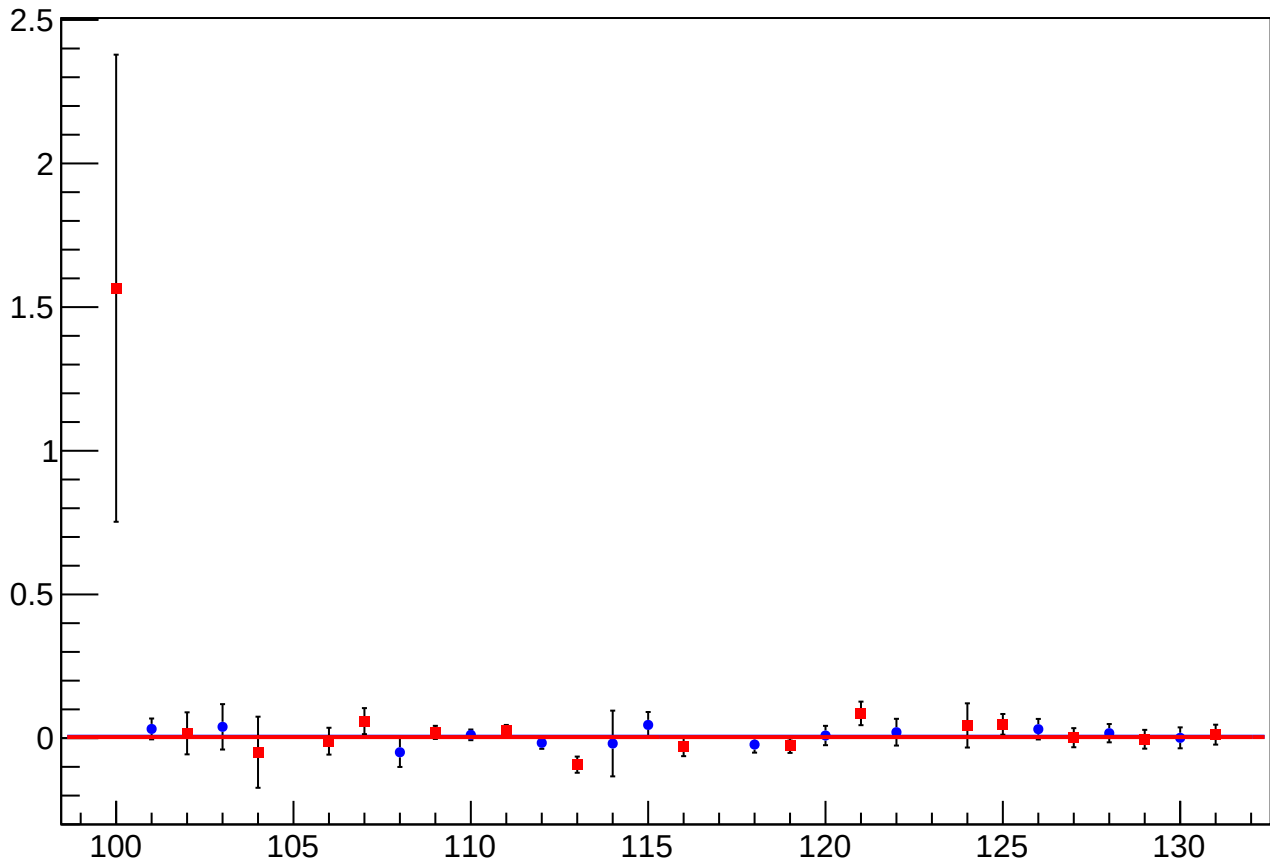
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.162+/-0.004 χ^2/NDF : 2941914.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.009 χ^2 /NDF: 5.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.009 χ^2 /NDF: 27.5/15

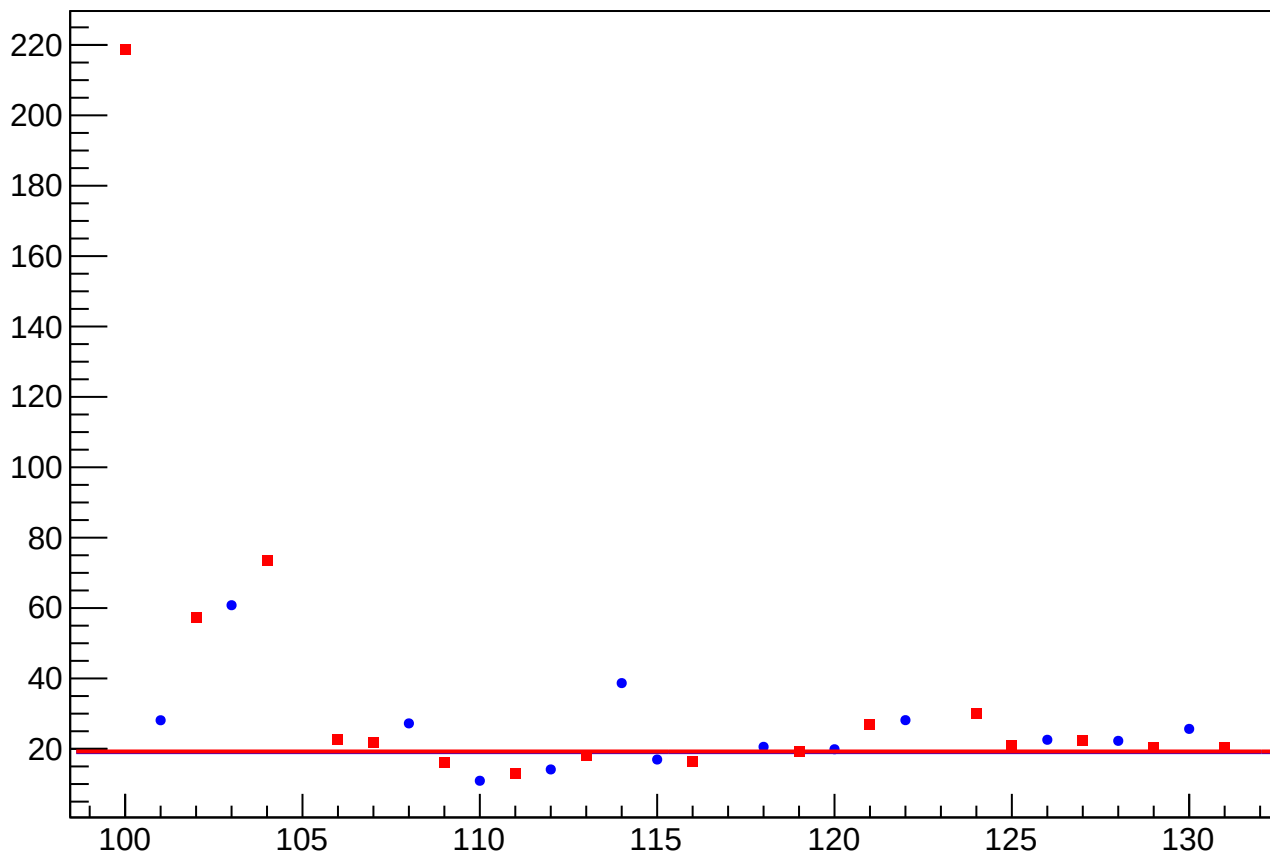
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.006 χ^2 /NDF: 33.1/28

- 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: 19.064+/-0.006 χ^2/NDF : 1479466.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.249+/-0.006 χ^2/NDF : 1462007.6/15

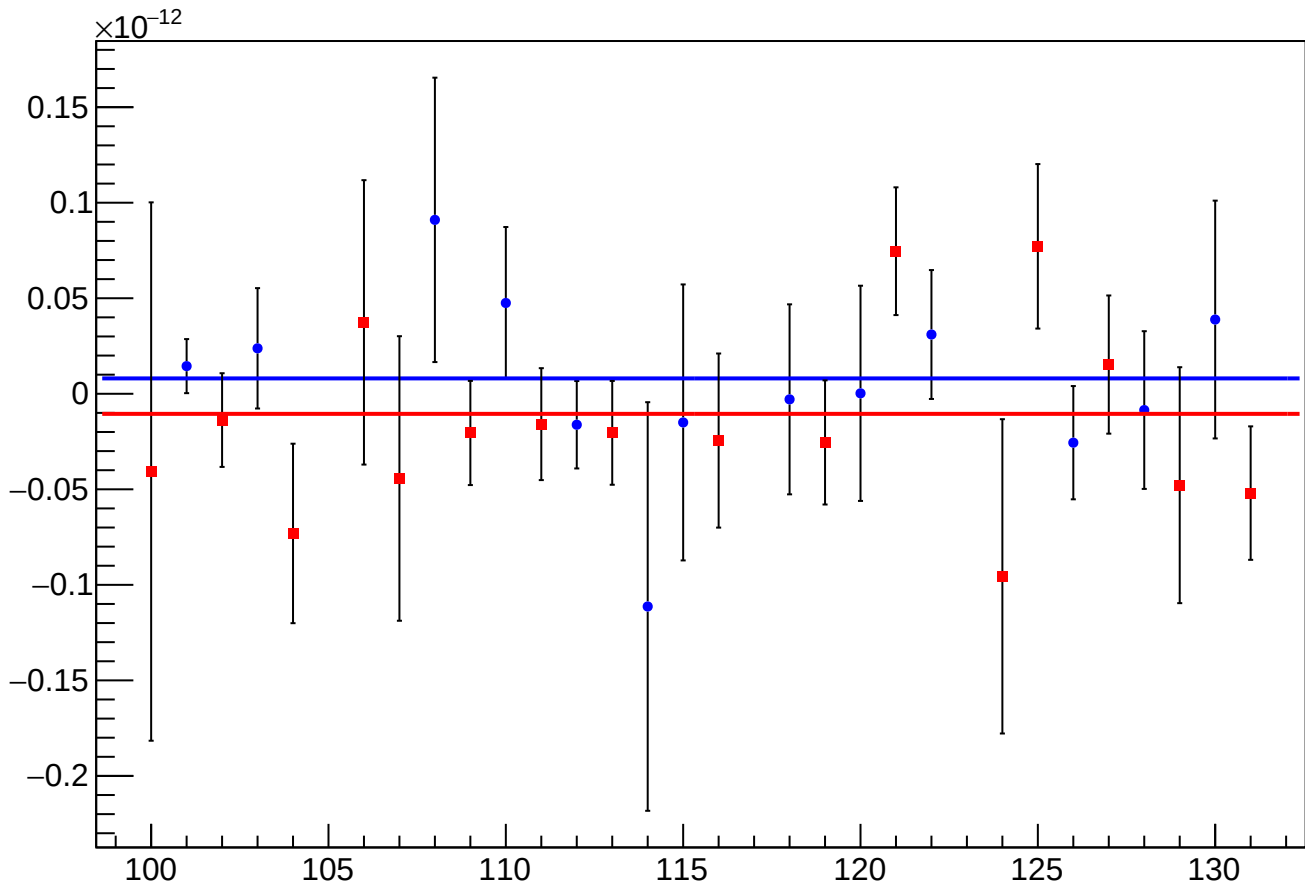
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.162+/-0.004 χ^2/NDF : 2941914.3/28

- 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 $\pm$ 0.000 χ^2 /NDF: 7.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 17.1/15

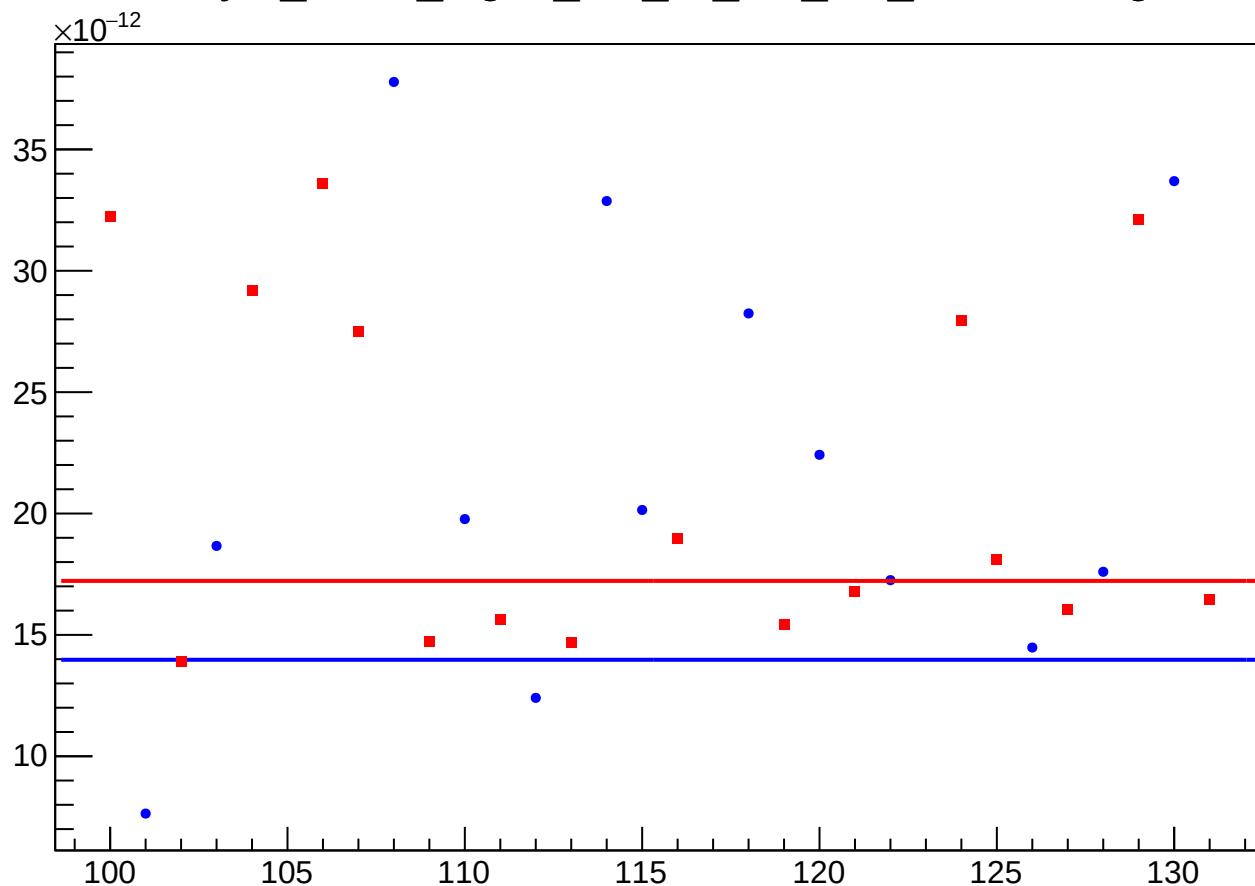
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 26.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1224192.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 528009.3/15

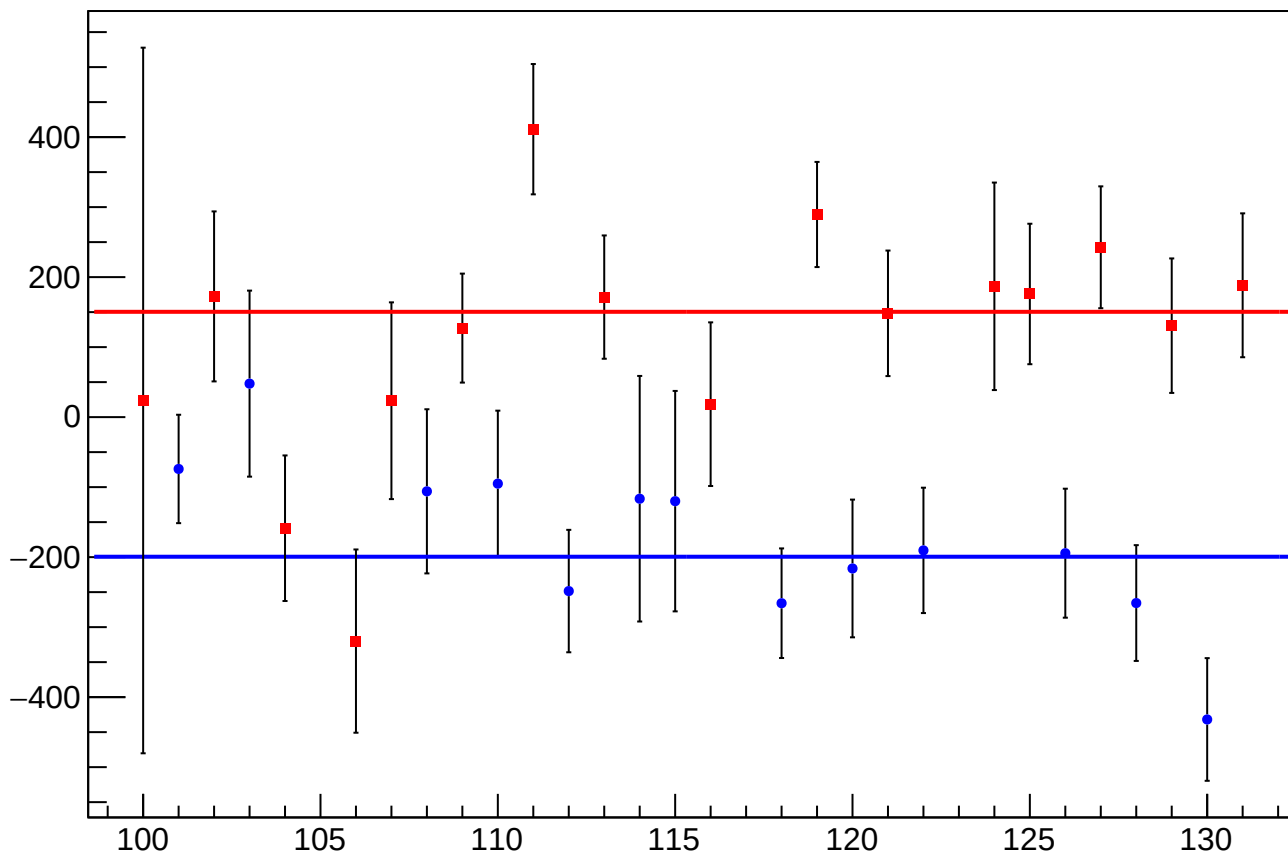
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1877614.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_mean vs Slug



Right In: -199.423 ± 26.946 χ^2/NDF : 17.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 150.443 ± 25.504 χ^2/NDF : 36.8/15

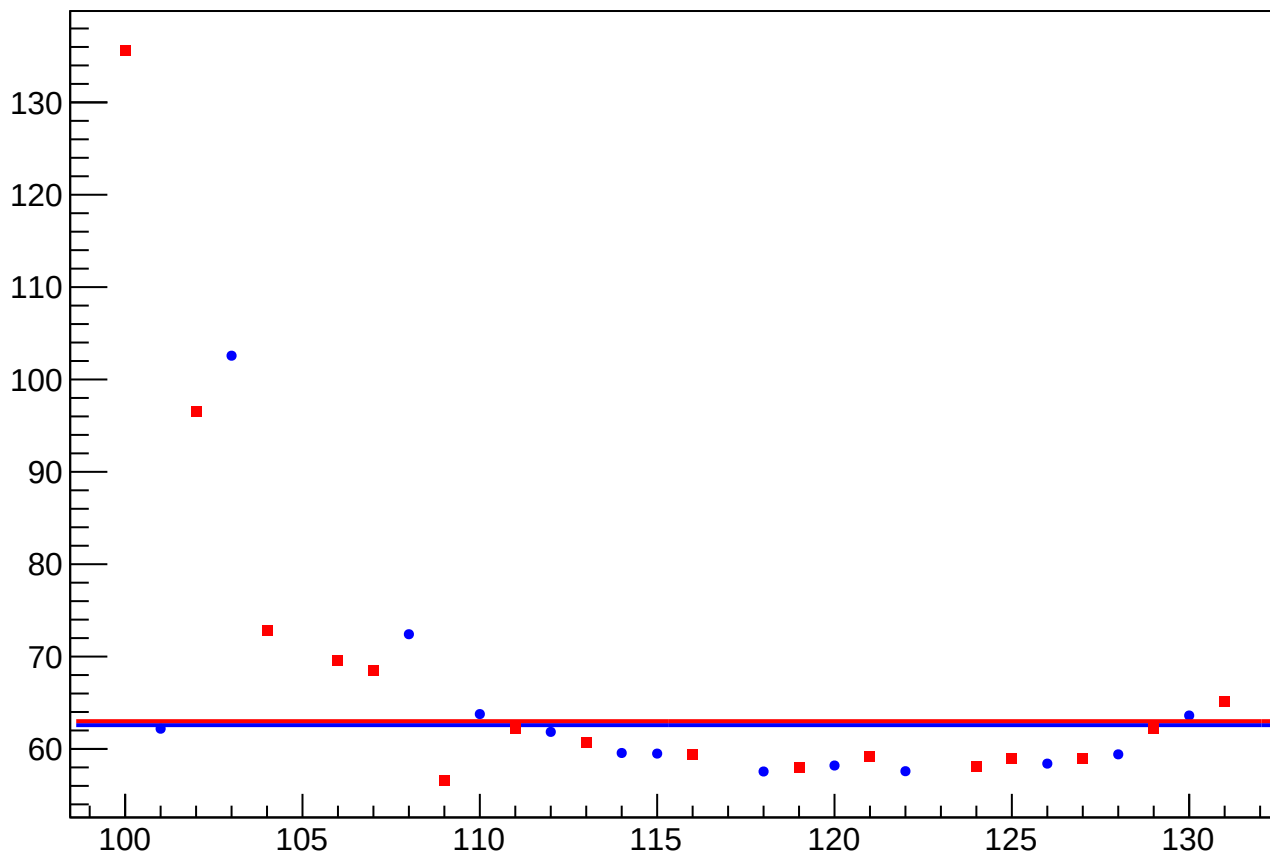
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.878 ± 18.523 χ^2/NDF : 142.7/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_rms vs Slug



Right In: 62.577+/-0.019 χ^2/NDF : 222791.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.006+/-0.018 χ^2/NDF : 260199.0/15

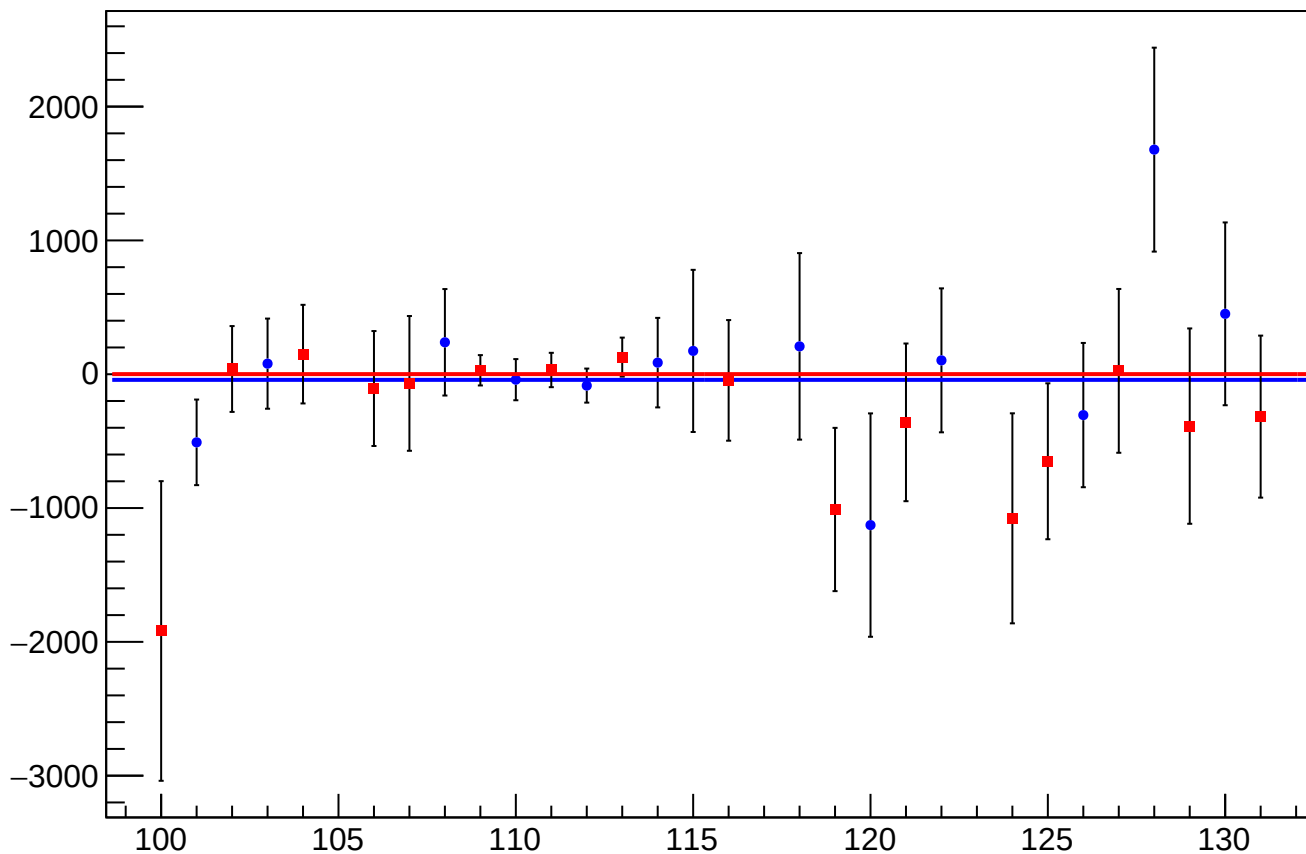
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.803+/-0.013 χ^2/NDF : 483257.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_reg_correction_mean vs Slug



Right In: -42.014 ± 80.359 χ^2/NDF : 10.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.808 ± 65.207 χ^2/NDF : 10.9/15

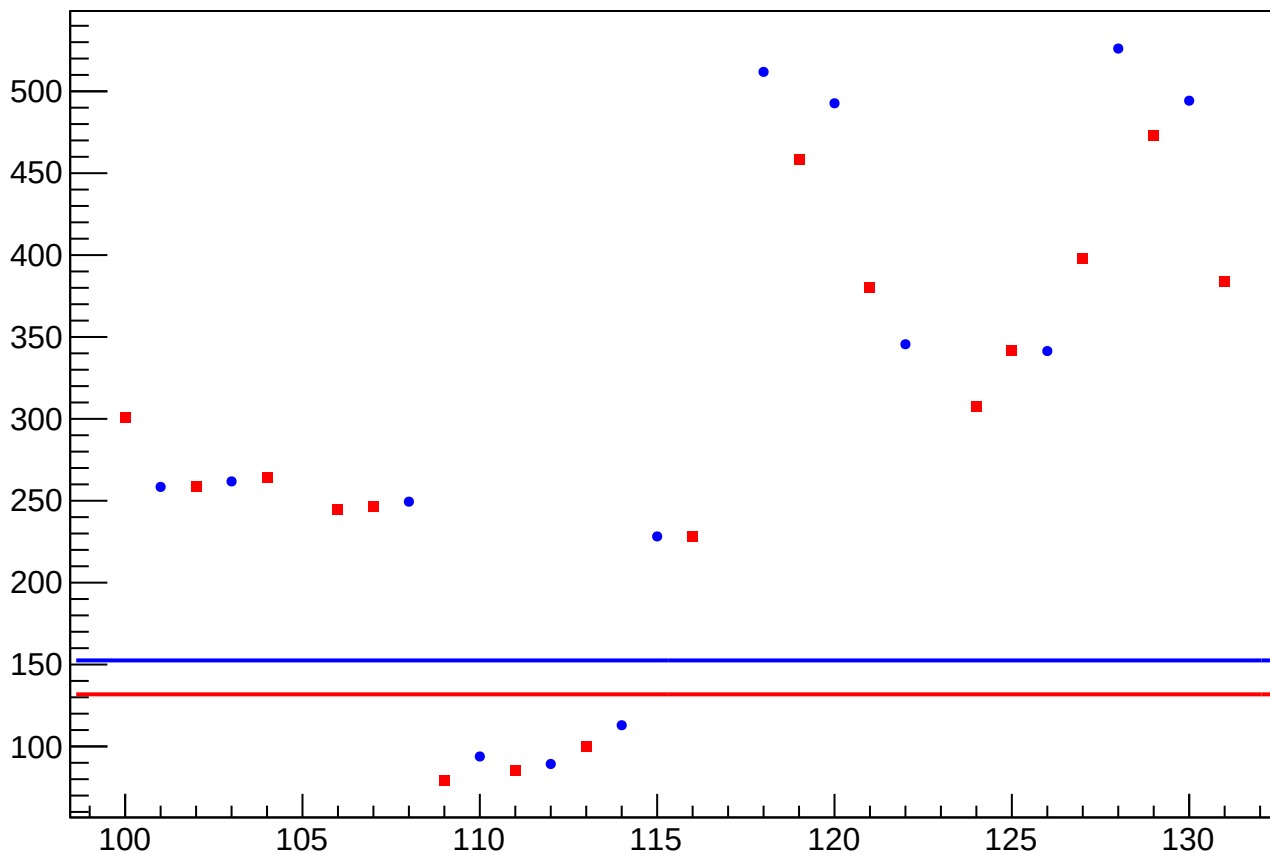
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.193 ± 50.634 χ^2/NDF : 22.0/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam8_reg_correction_rms vs Slug



Right In: 152.515+/-0.057 χ^2/NDF : 3740984.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.800+/-0.046 χ^2/NDF : 4191394.6/15

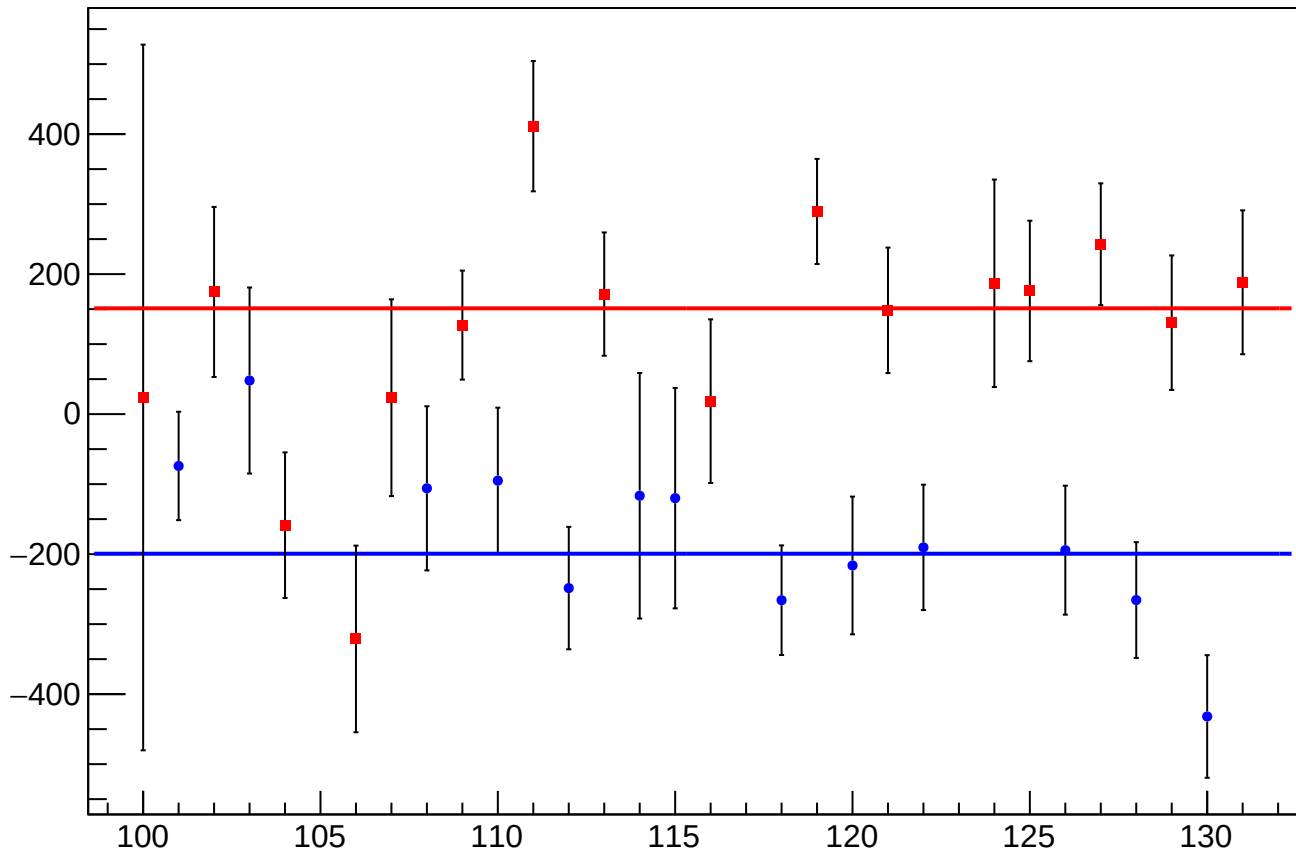
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.025+/-0.036 χ^2/NDF : 8012517.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam8_mean vs Slug



Right In: -199.423+/-26.946 χ^2/NDF : 17.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.131+/-25.521 χ^2/NDF : 36.4/15

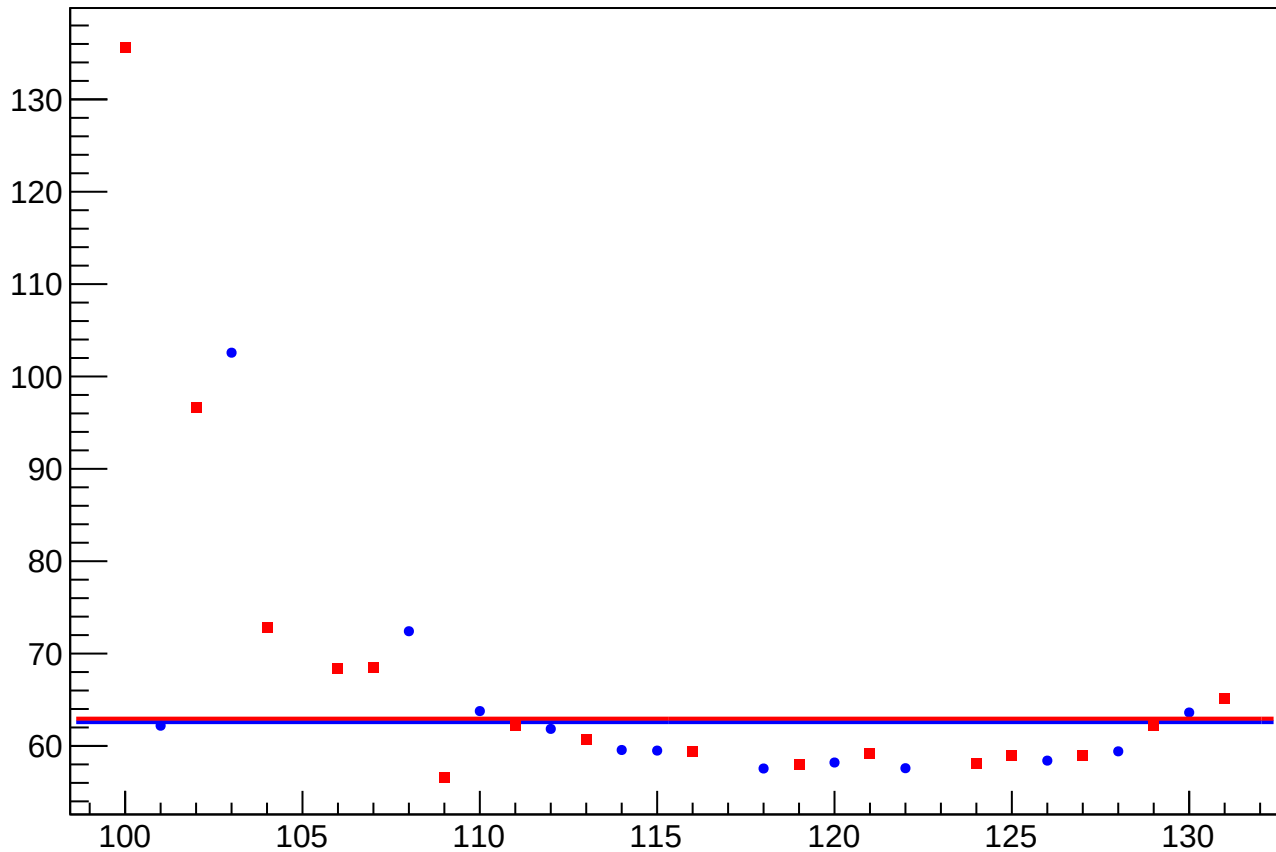
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.638+/-18.529 χ^2/NDF : 142.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam8_rms vs Slug



Right In: 62.577+/-0.019 χ^2/NDF : 222793.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.955+/-0.018 χ^2/NDF : 258626.7/15

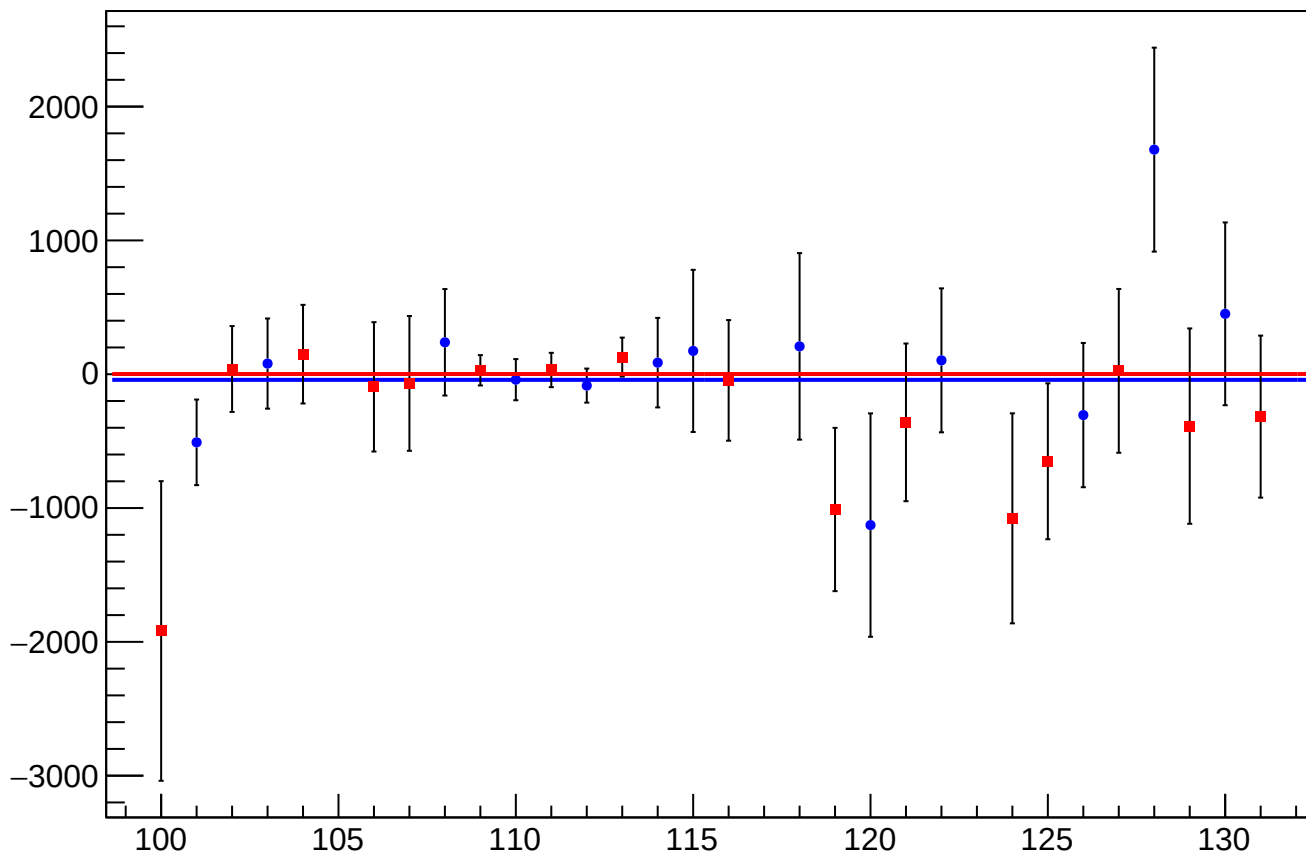
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.776+/-0.013 χ^2/NDF : 481627.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_cor_correction_mean vs Slug



Right In: -41.994 ± 80.360 χ^2/NDF : 10.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.540 ± 65.368 χ^2/NDF : 10.9/15

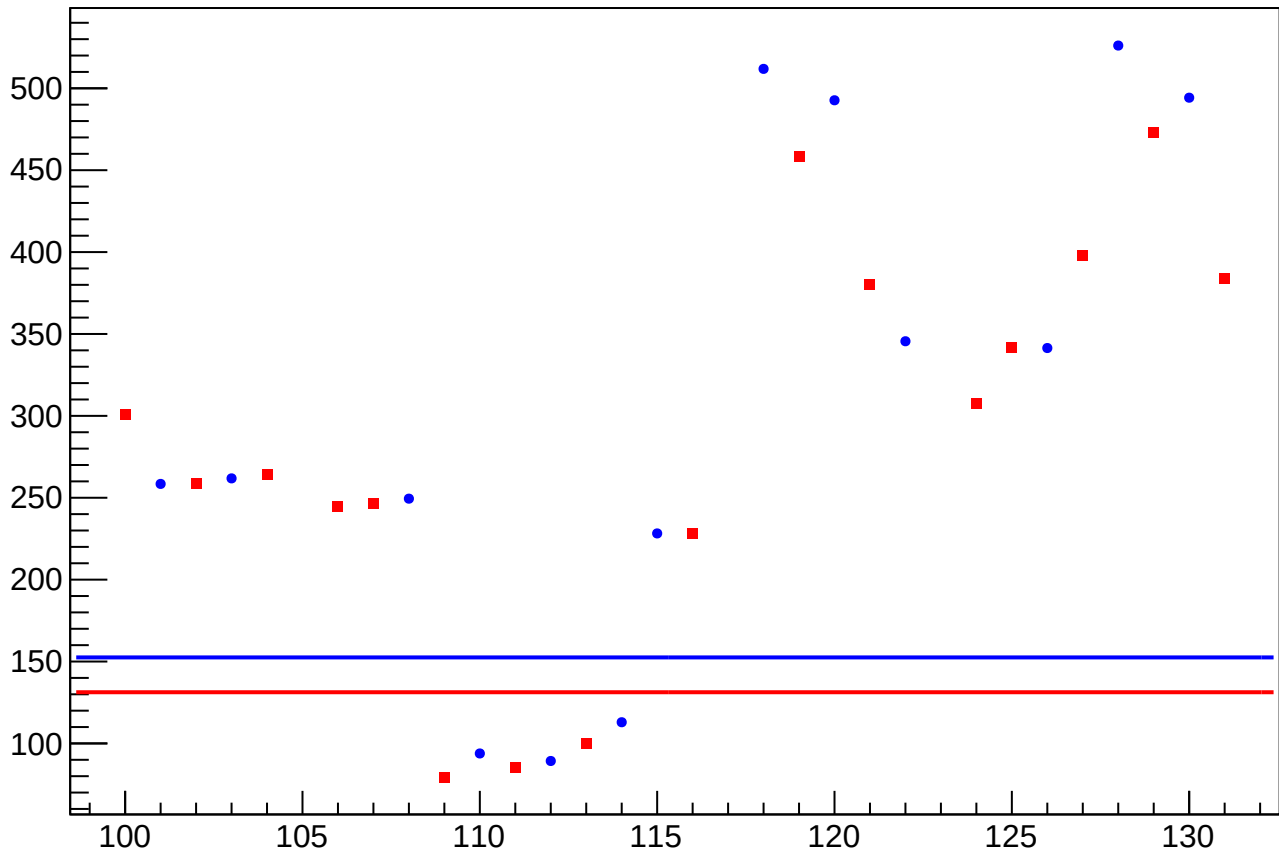
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.795 ± 50.710 χ^2/NDF : 22.0/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam8_cor_correction_rms vs Slug



Right In: 152.516 $\pm$ 0.057 χ^2 /NDF: 3741041.4/12

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

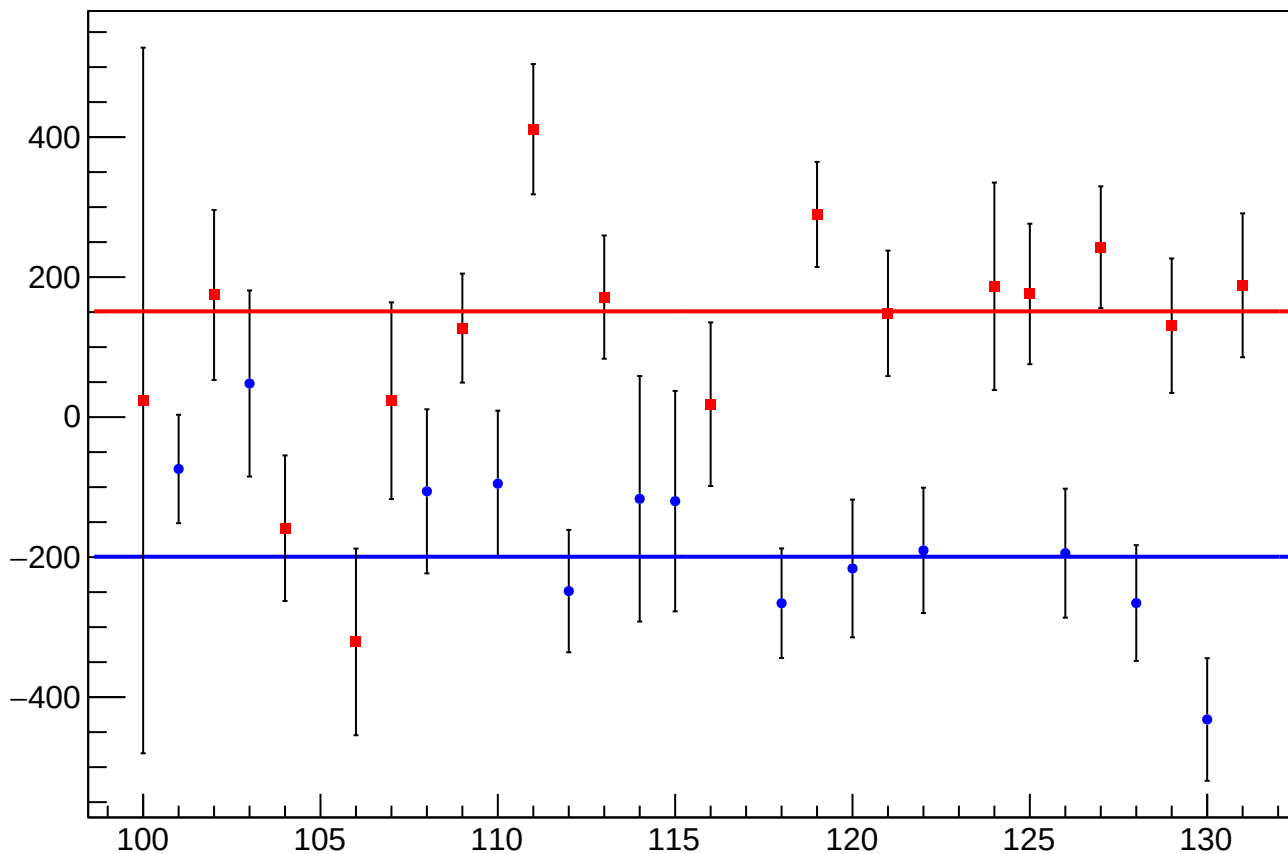
Right Out: 131.253 $\pm$ 0.046 χ^2 /NDF: 4163379.0/15

All: 139.720 $\pm$ 0.036 χ^2 /NDF: 7988683.7/28

- 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_sam8_mean vs Slug



Right In: -199.423 ± 26.946 χ^2/NDF : 17.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 151.131 ± 25.521 χ^2/NDF : 36.4/15

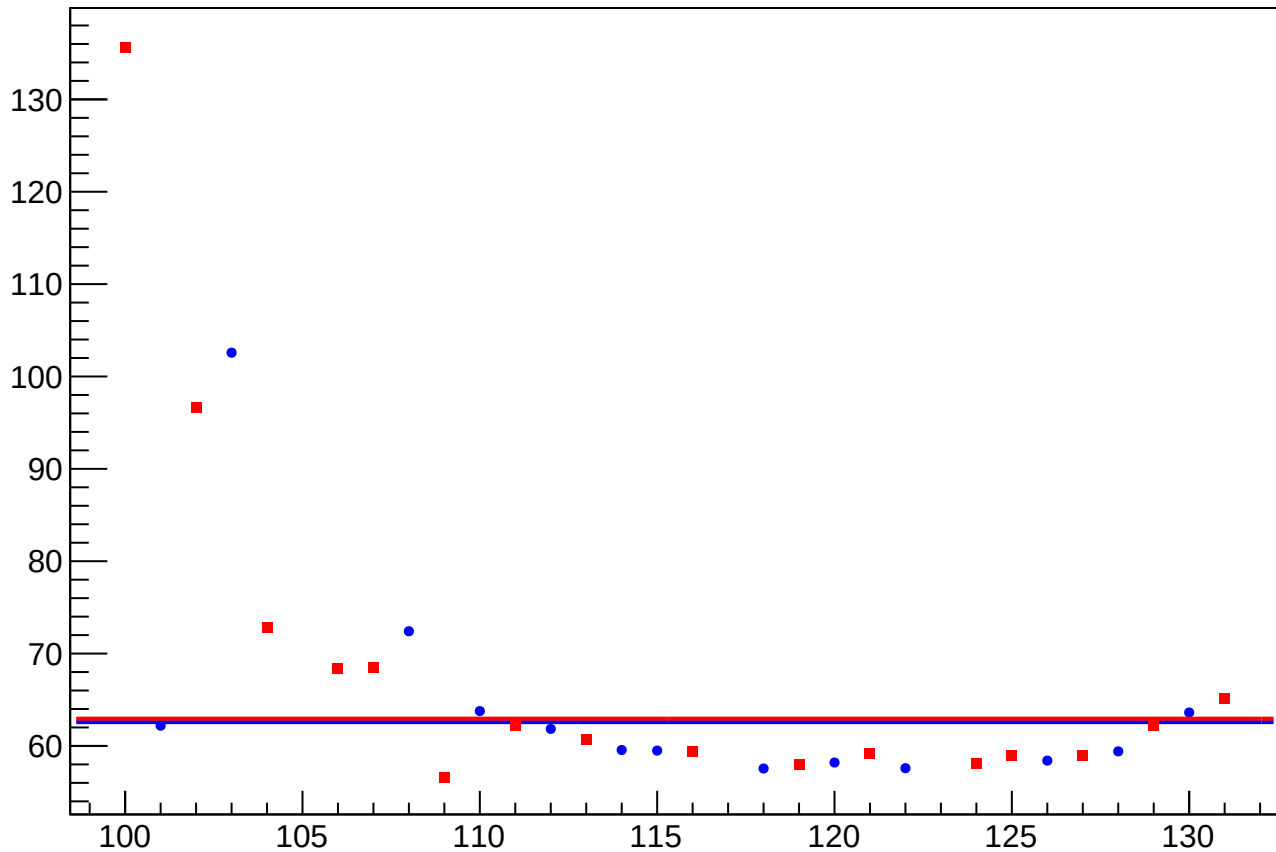
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.638 ± 18.529 χ^2/NDF : 142.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam8_rms vs Slug



Right In: 62.577+/-0.019 χ^2/NDF : 222793.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.955+/-0.018 χ^2/NDF : 258626.7/15

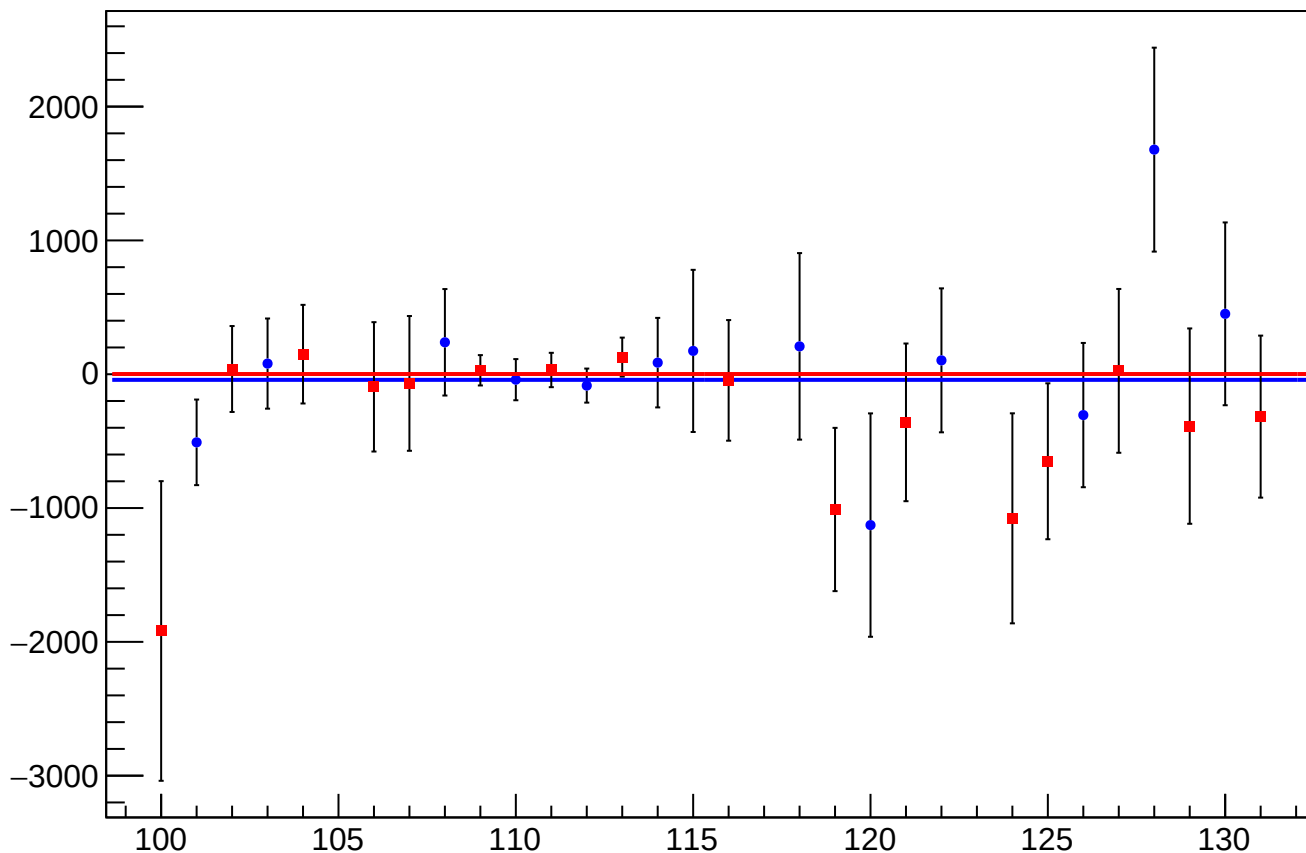
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.776+/-0.013 χ^2/NDF : 481627.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_cor_correction_mean vs Slug



Right In: -41.994 ± 80.360 χ^2/NDF : 10.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.540 ± 65.368 χ^2/NDF : 10.9/15

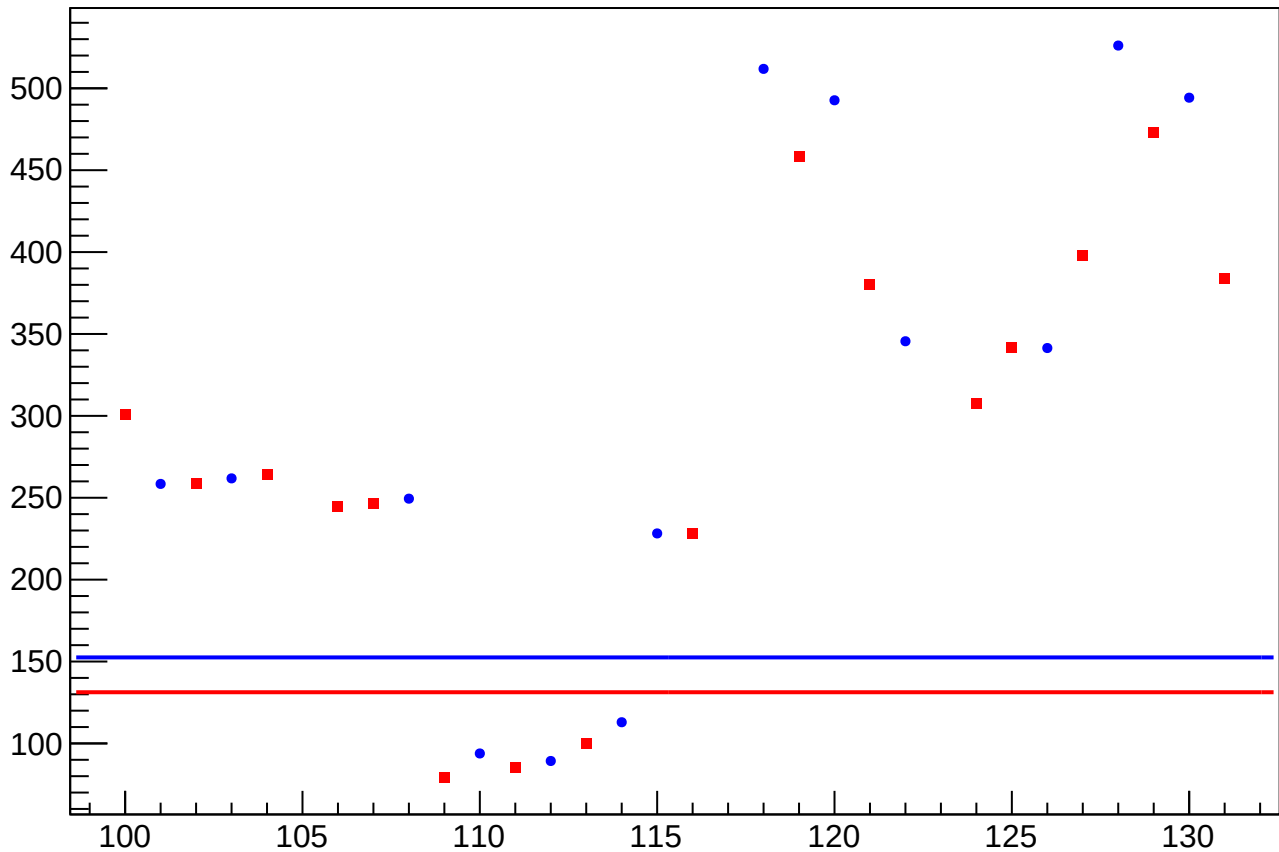
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.795 ± 50.710 χ^2/NDF : 22.0/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_cor_correction_rms vs Slug



Right In: 152.516 $\pm$ 0.057 χ^2 /NDF: 3741041.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 131.253 $\pm$ 0.046 χ^2 /NDF: 4163379.0/15

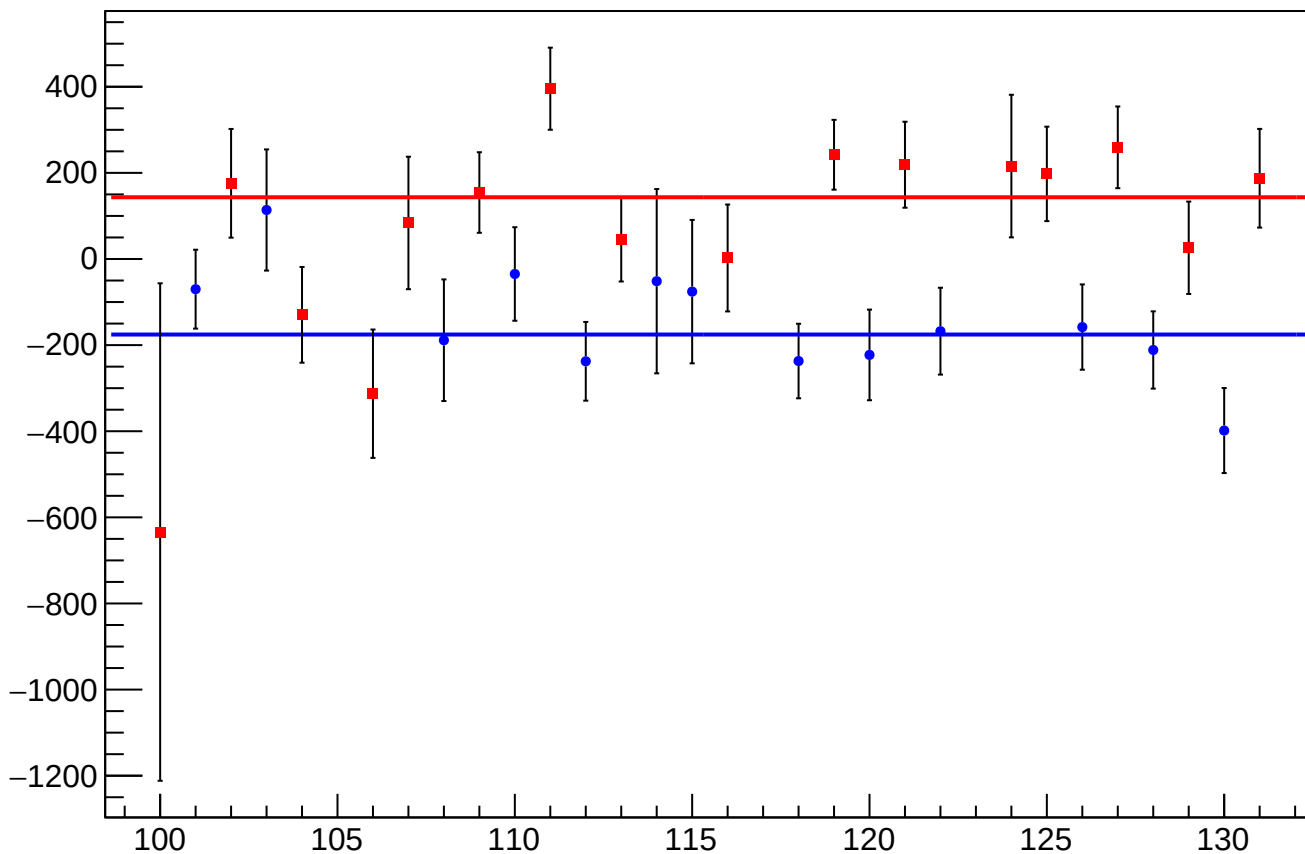
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 139.720 $\pm$ 0.036 χ^2 /NDF: 7988683.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam8_mean vs Slug



Right In: -175.431 ± 29.710 χ^2/NDF : 14.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 143.377 ± 28.017 χ^2/NDF : 32.1/15

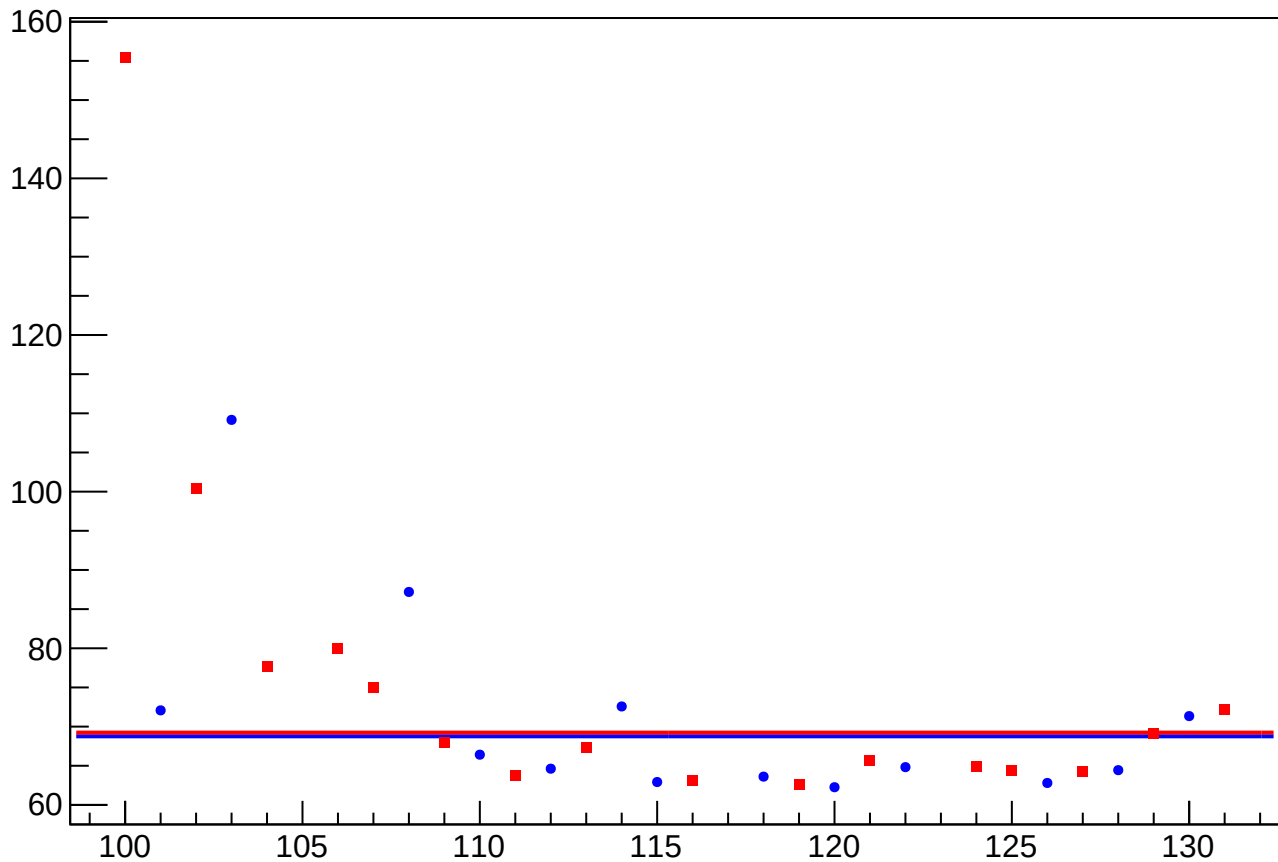
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.684 ± 20.383 χ^2/NDF : 107.4/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam8_rms vs Slug



Right In: 68.760 $\pm$ 0.021 χ^2 /NDF: 240693.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 69.235 $\pm$ 0.020 χ^2 /NDF: 232382.6/15

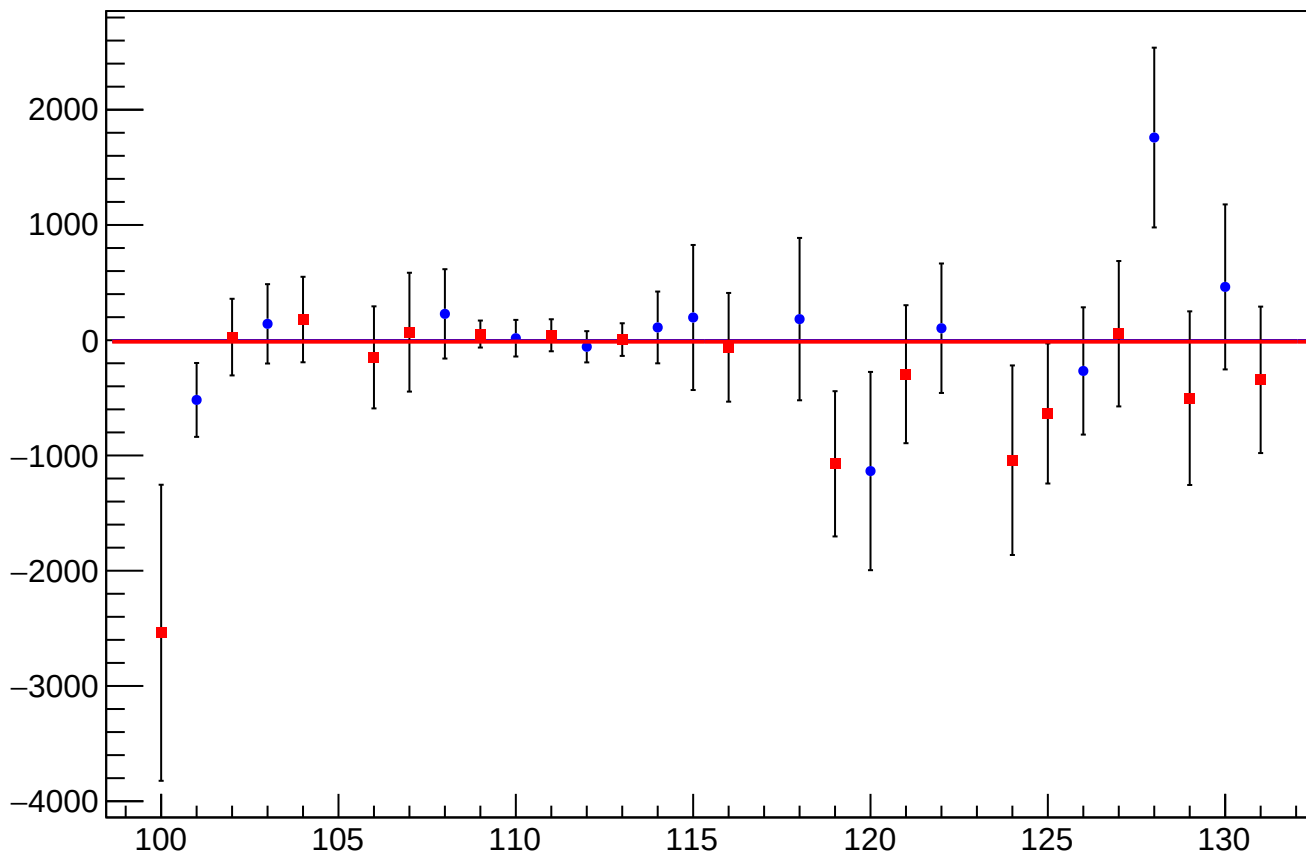
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 69.011 $\pm$ 0.014 χ^2 /NDF: 473346.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_dit_correction_mean vs Slug



Right In: -6.895+/-83.013 χ^2/NDF : 11.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.386+/-67.256 χ^2/NDF : 11.1/15

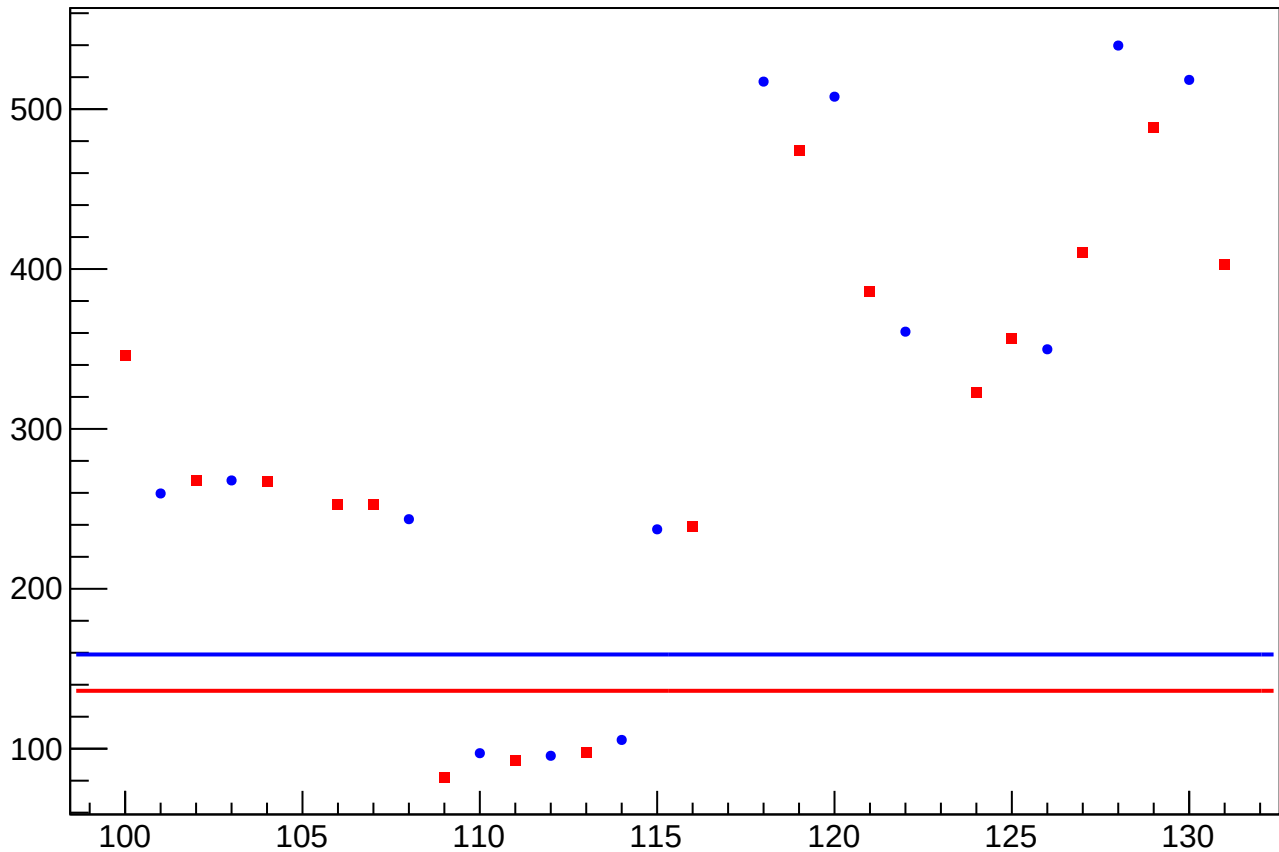
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.210+/-52.257 χ^2/NDF : 22.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_dit_correction_rms vs Slug



Right In: 158.928+/-0.059 χ^2/NDF : 3645947.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.207+/-0.048 χ^2/NDF : 4184370.2/15

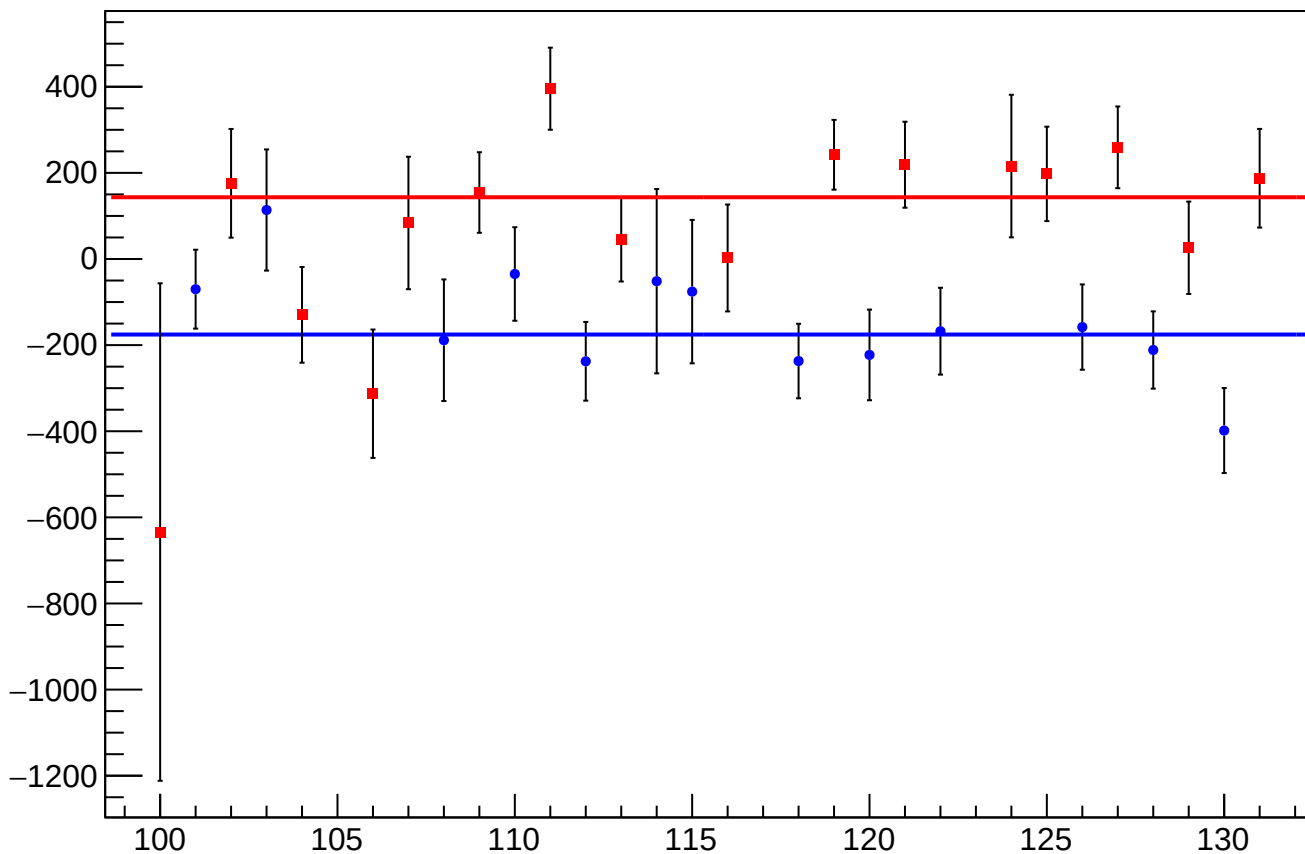
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.211+/-0.037 χ^2/NDF : 7920768.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam8_mean vs Slug



Right In: -175.432+/-29.710 χ^2/NDF : 14.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 143.378+/-28.017 χ^2/NDF : 32.1/15

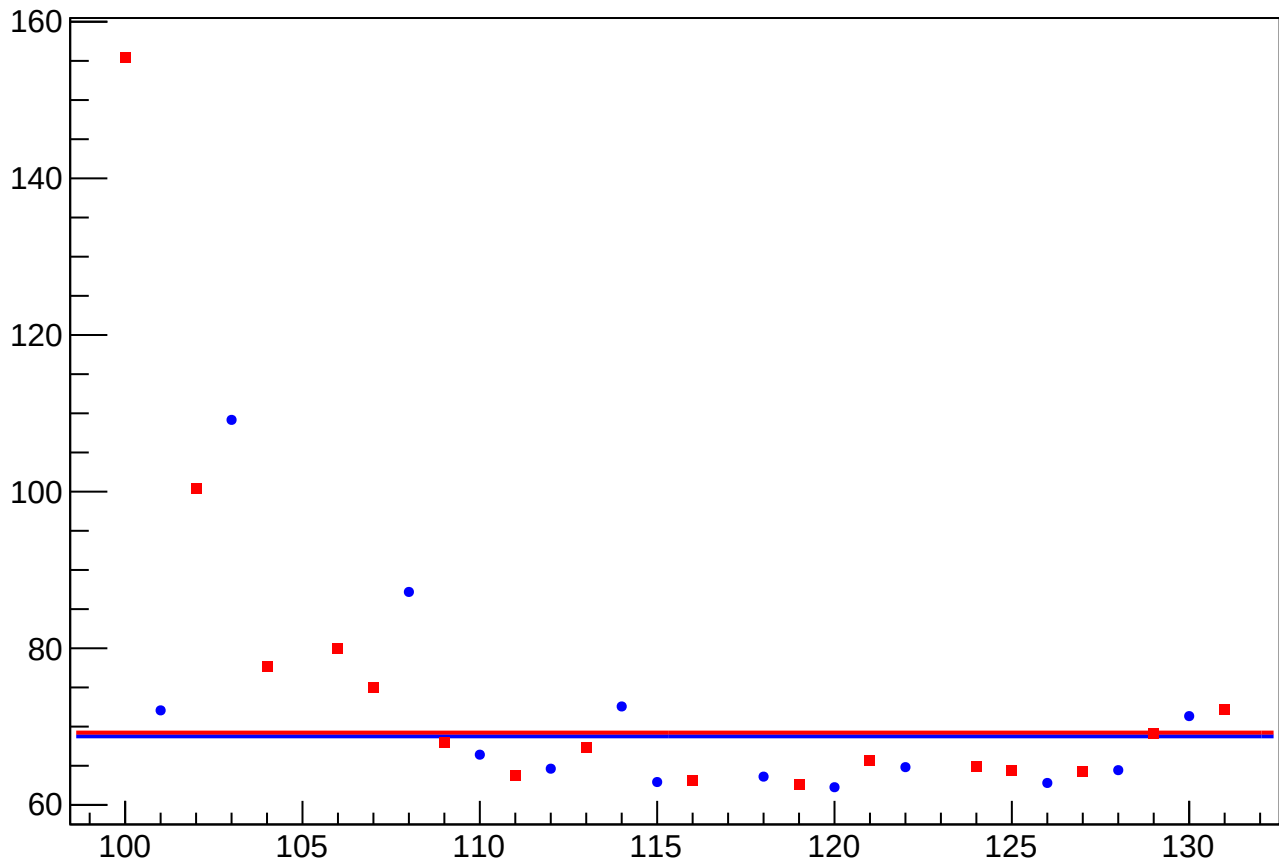
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.683+/-20.383 χ^2/NDF : 107.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam8_rms vs Slug



Right In: 68.760 $\pm$ 0.021 χ^2 /NDF: 240693.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 69.234 $\pm$ 0.020 χ^2 /NDF: 232384.9/15

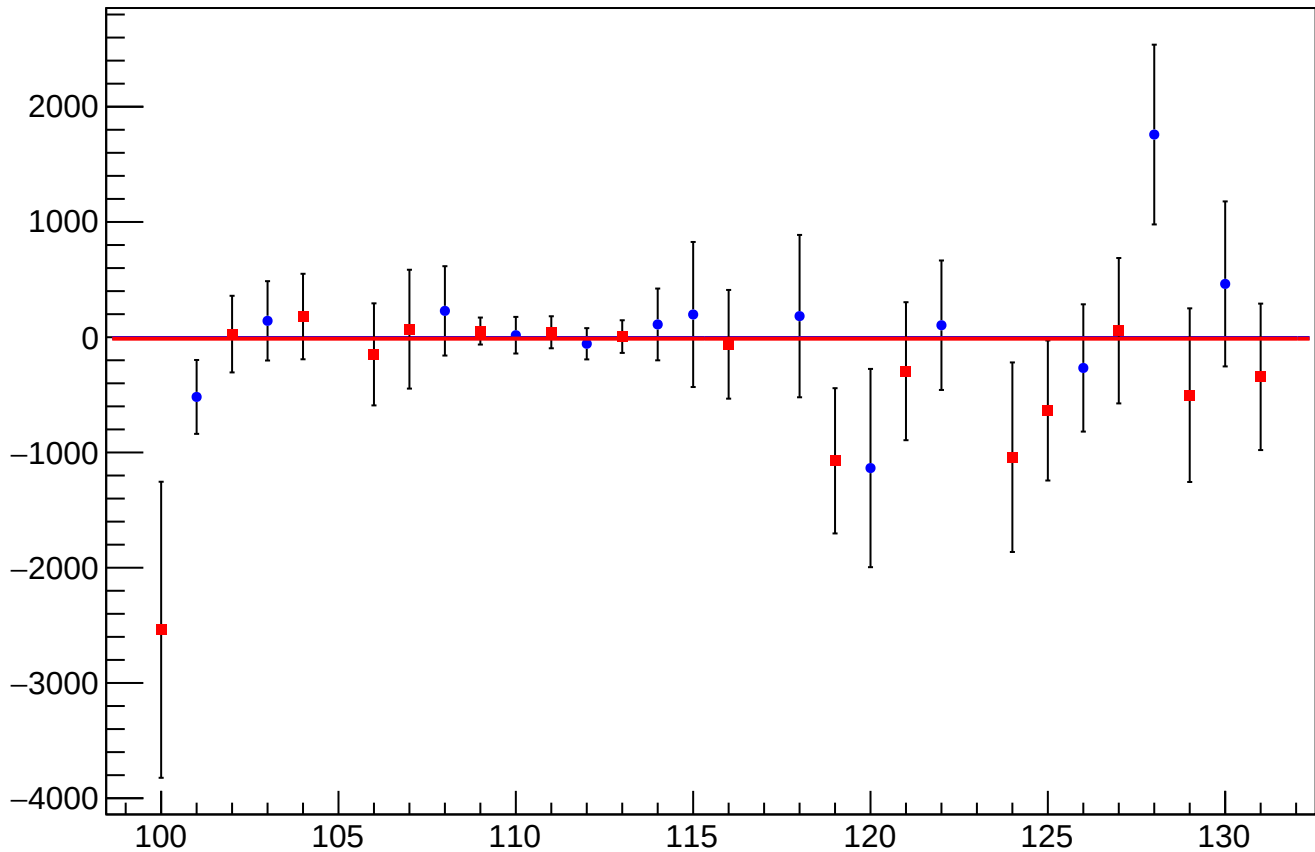
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 69.011 $\pm$ 0.014 χ^2 /NDF: 473348.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_eigen_dit_correction_mean vs Slug



Right In: -6.895+/-83.013 χ^2/NDF : 11.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.384+/-67.256 χ^2/NDF : 11.1/15

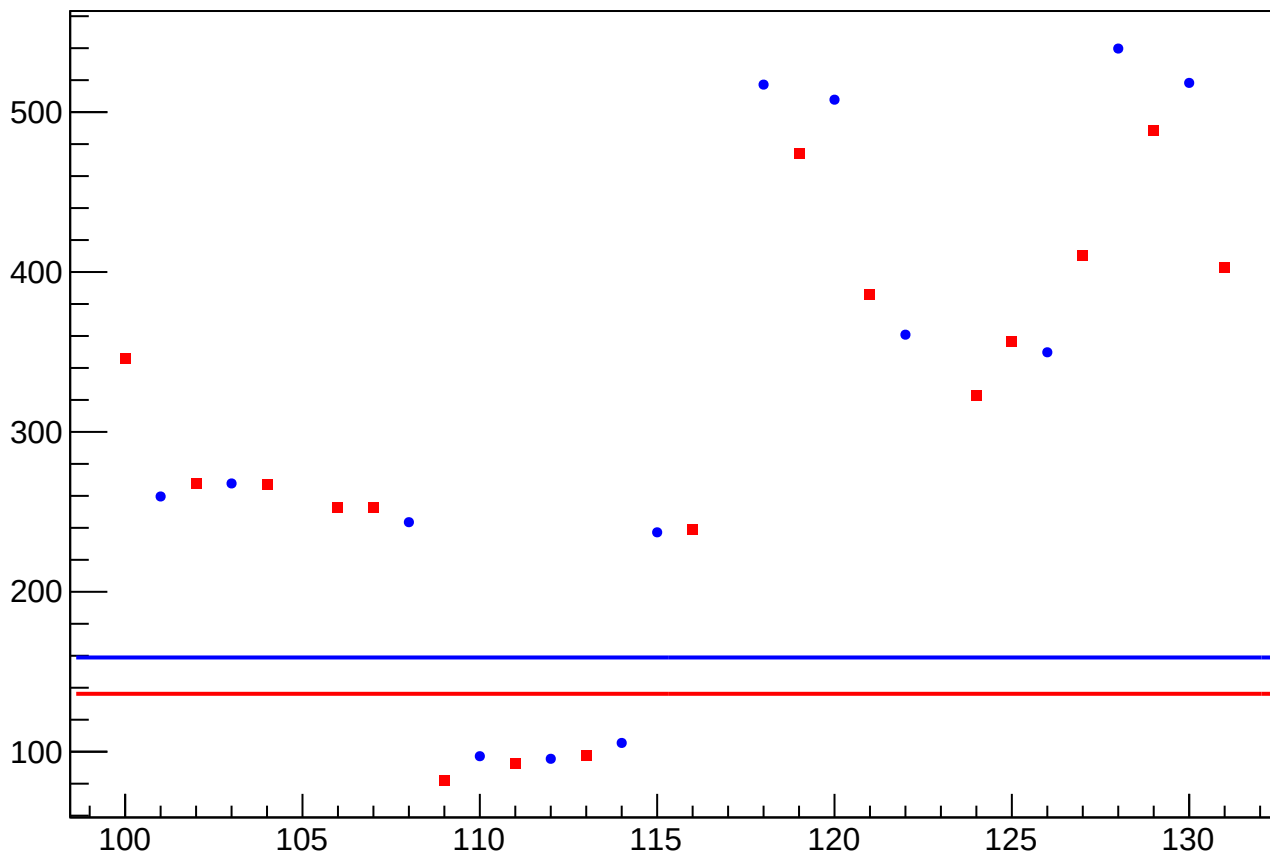
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.209+/-52.257 χ^2/NDF : 22.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_dit_correction_rms vs Slug



Right In: 158.927+/-0.059 χ^2/NDF : 3645960.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.207+/-0.048 χ^2/NDF : 4184351.2/15

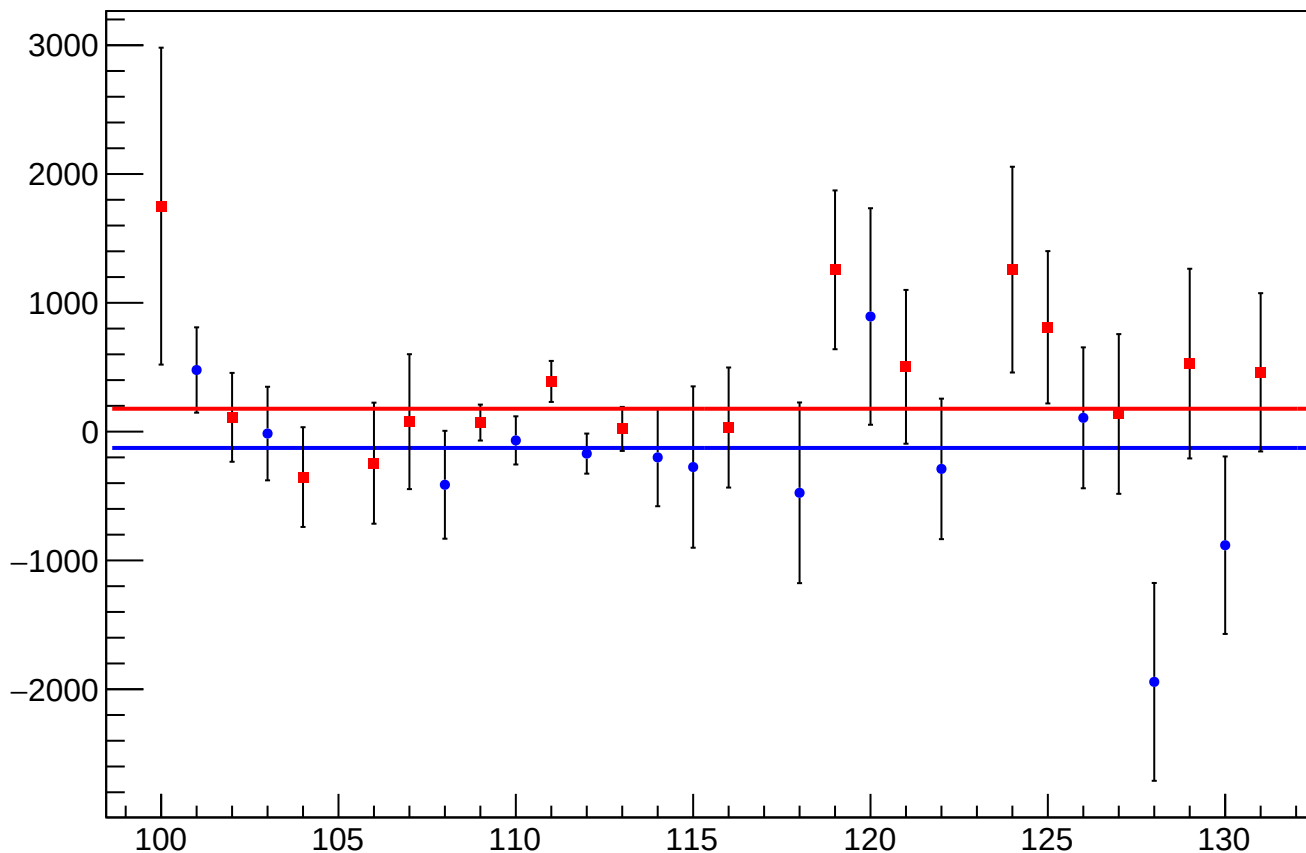
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.210+/-0.037 χ^2/NDF : 7920754.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_mean vs Slug



Right In: -126.685 $\pm$ 92.945 χ^2 /NDF: 13.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 177.692 $\pm$ 76.572 χ^2 /NDF: 14.5/15

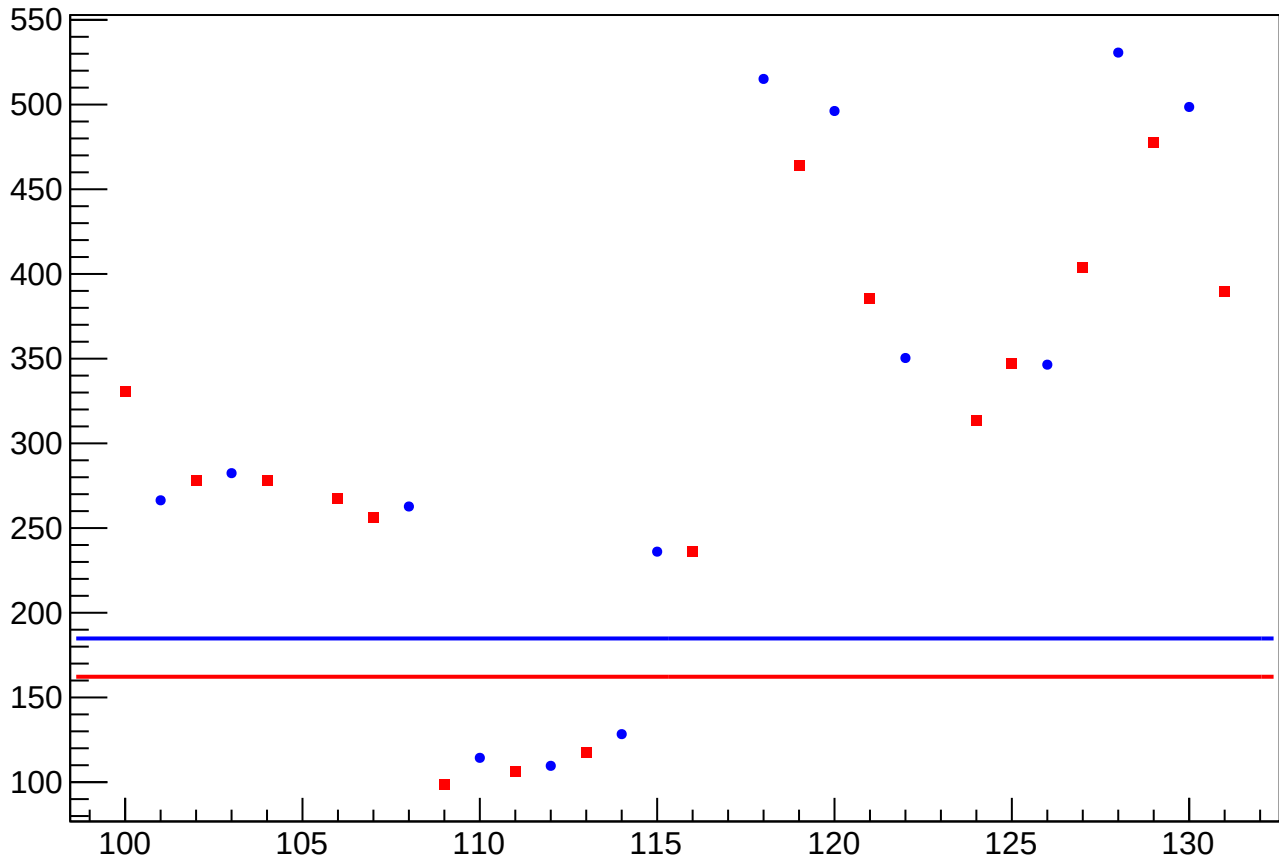
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 54.630 $\pm$ 59.099 χ^2 /NDF: 33.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_rms vs Slug



Right In: 184.821+/-0.066 χ^2/NDF : 3041015.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

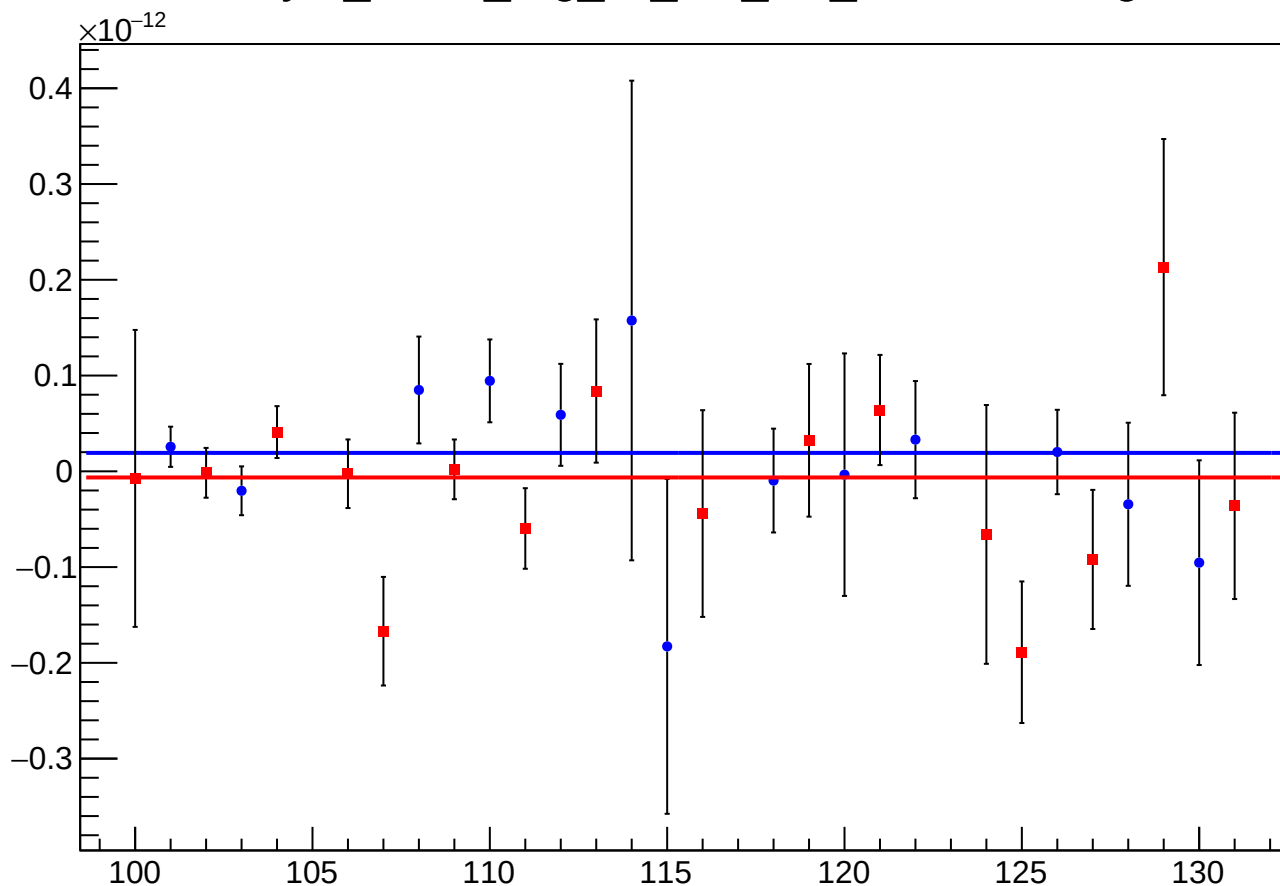
Right Out: 162.230+/-0.054 χ^2/NDF : 3428407.5/15

All: 171.363+/-0.042 χ^2/NDF : 6539808.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 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 : 11.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 26.6/15

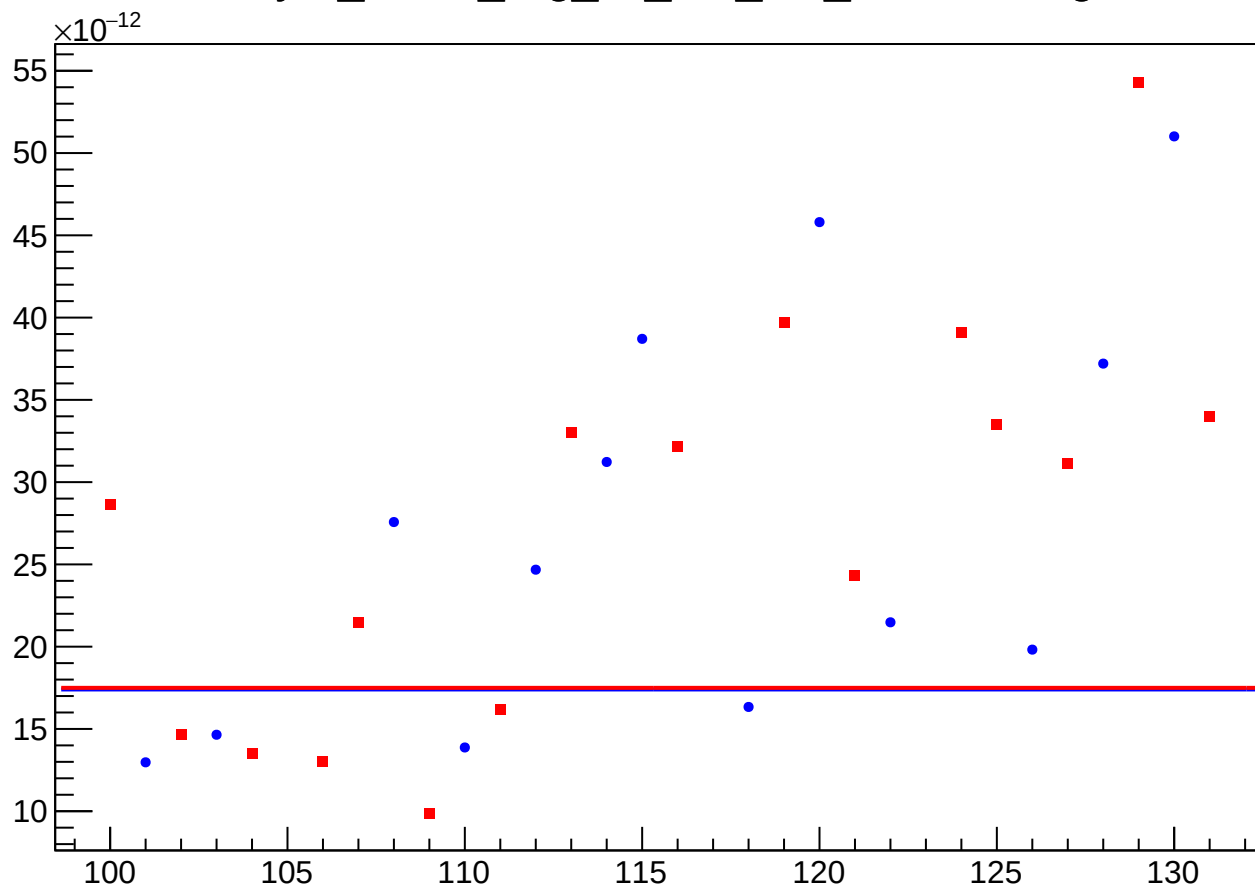
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 39.8/28

- 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 : 687758.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 972477.2/15

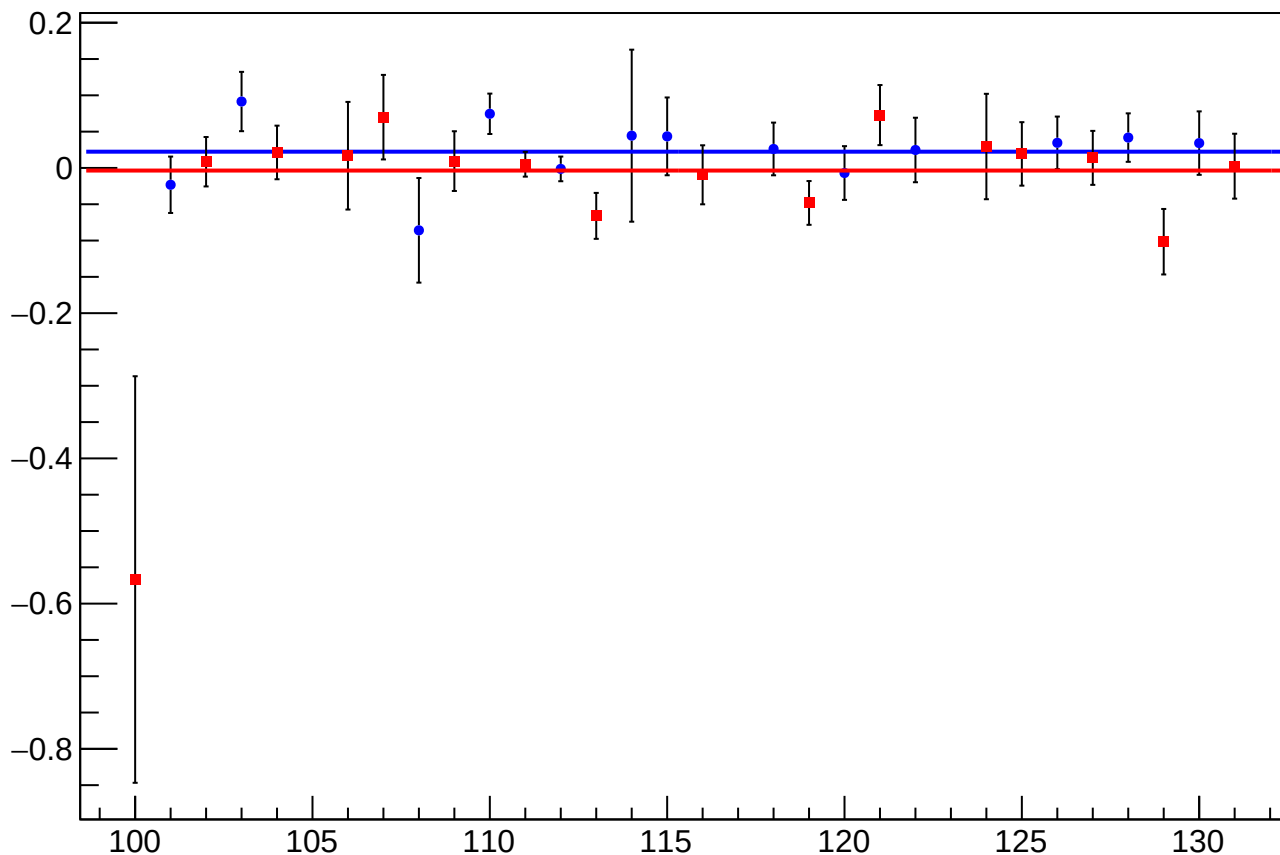
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1660299.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_dit_vs_cor_diff_mean vs Slug



Right In: 0.022 $\pm$ 0.010 χ^2 /NDF: 13.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.009 χ^2 /NDF: 21.6/15

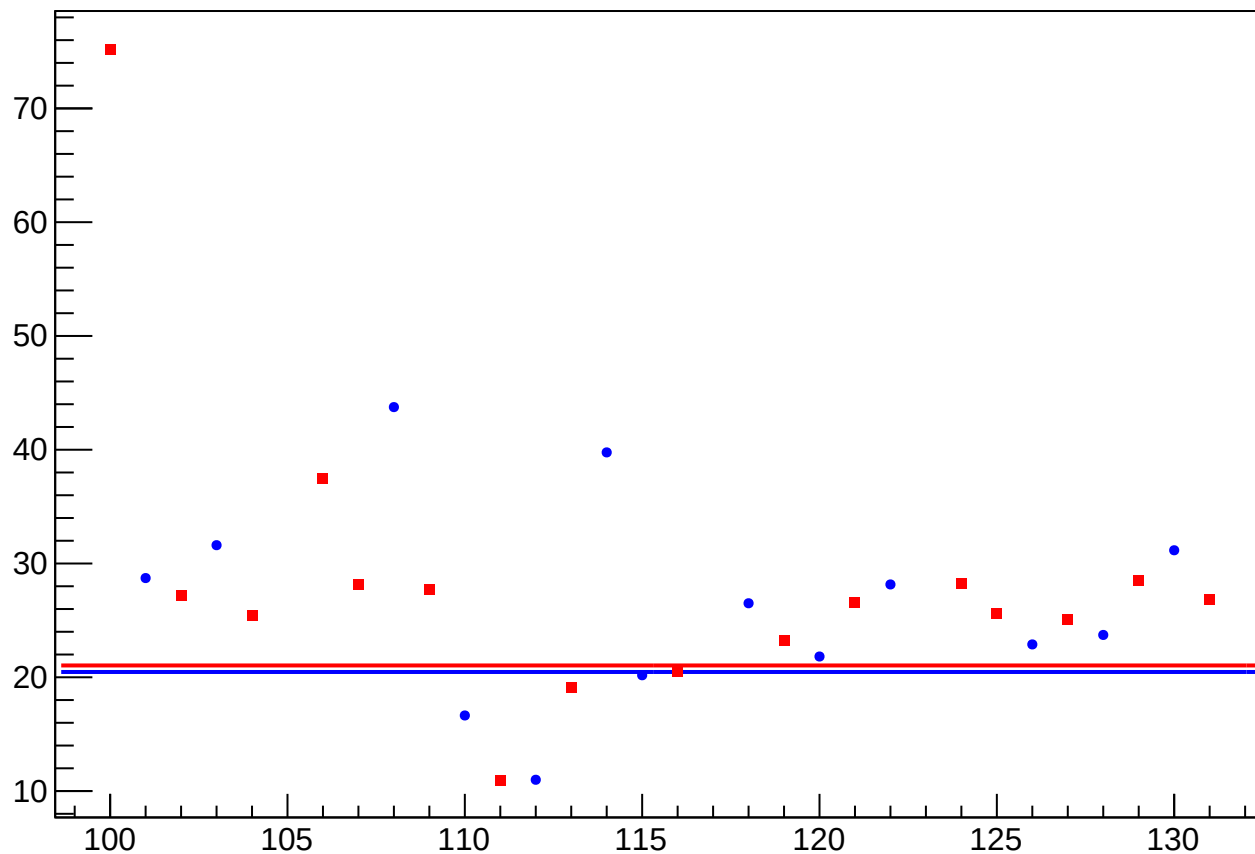
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.007 χ^2 /NDF: 38.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_dit_vs_cor_diff_rms vs Slug



Right In: 20.466+/-0.007 χ^2/NDF : 1427140.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.039+/-0.006 χ^2/NDF : 1263159.0/15

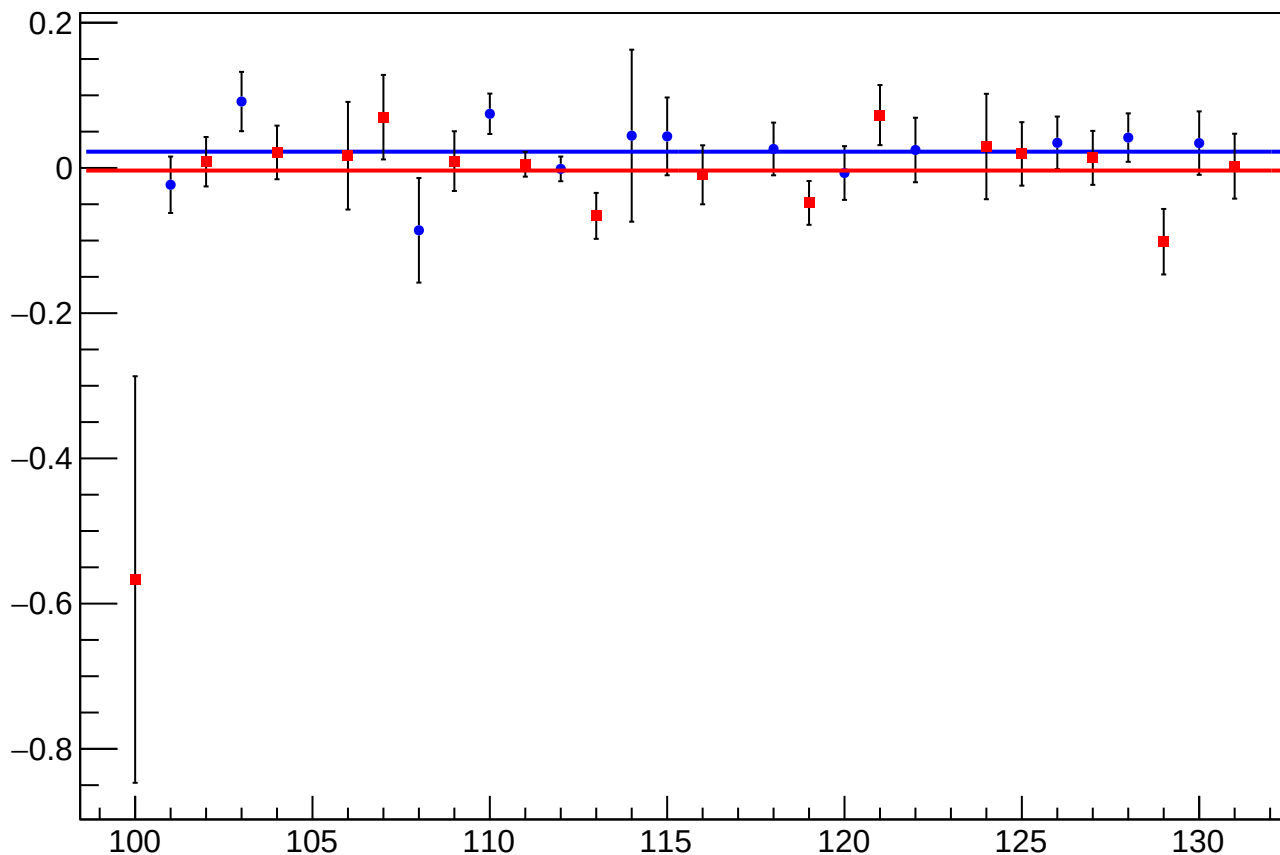
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.766+/-0.005 χ^2/NDF : 2694015.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.022 $\pm$ 0.010 χ^2 /NDF: 13.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.004 $\pm$ 0.009 χ^2 /NDF: 21.6/15

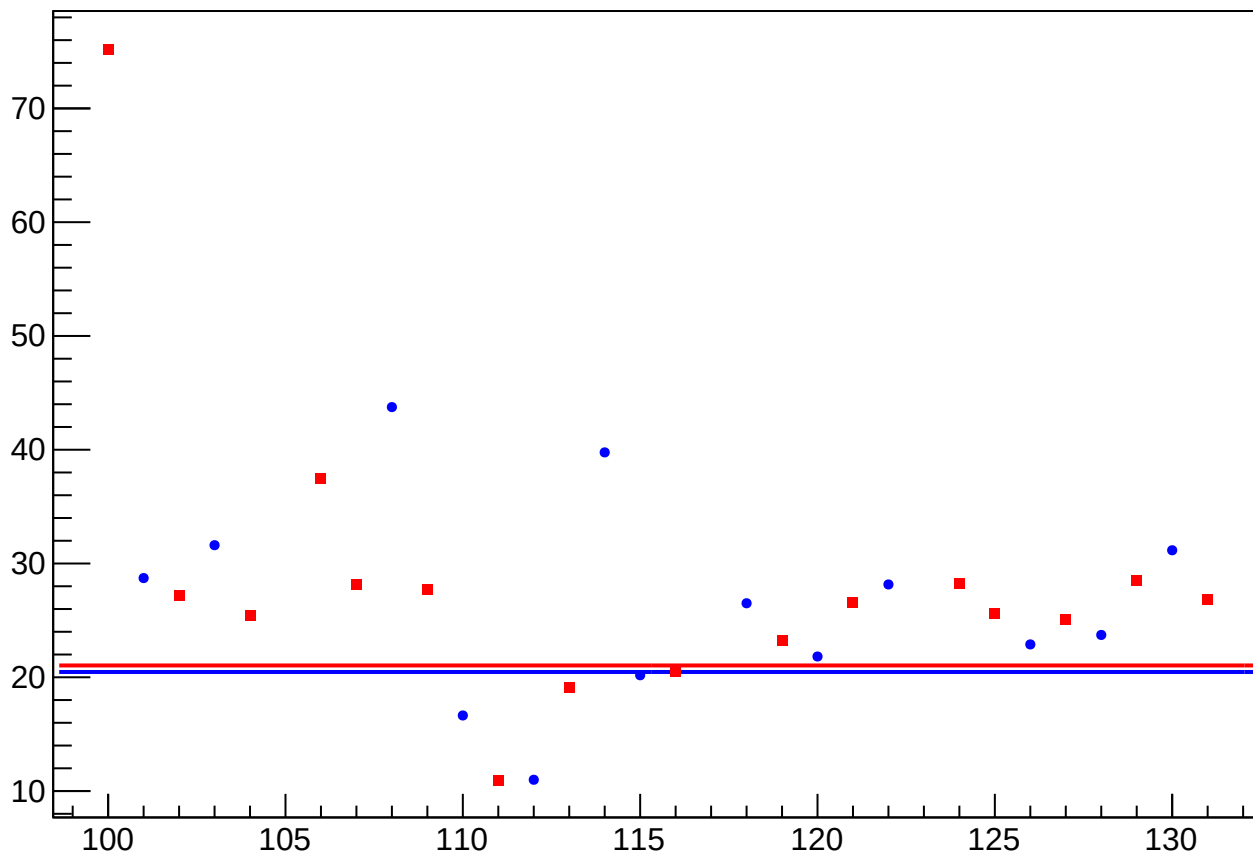
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.007 χ^2 /NDF: 38.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 20.466+/-0.007 χ^2/NDF : 1427140.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.039+/-0.006 χ^2/NDF : 1263159.0/15

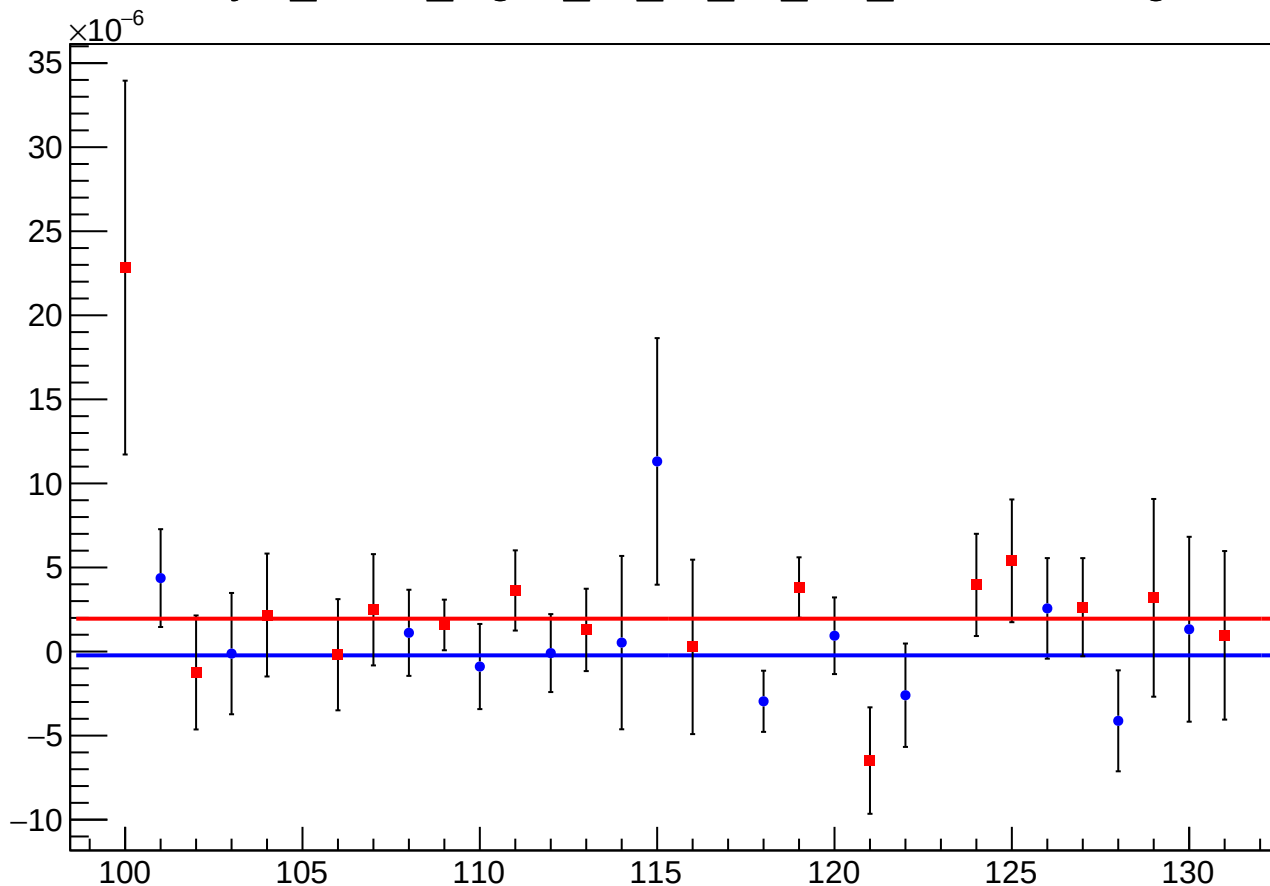
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.766+/-0.005 χ^2/NDF : 2694015.8/28

- 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 $\pm$ 0.000 χ^2 /NDF: 11.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.2/15

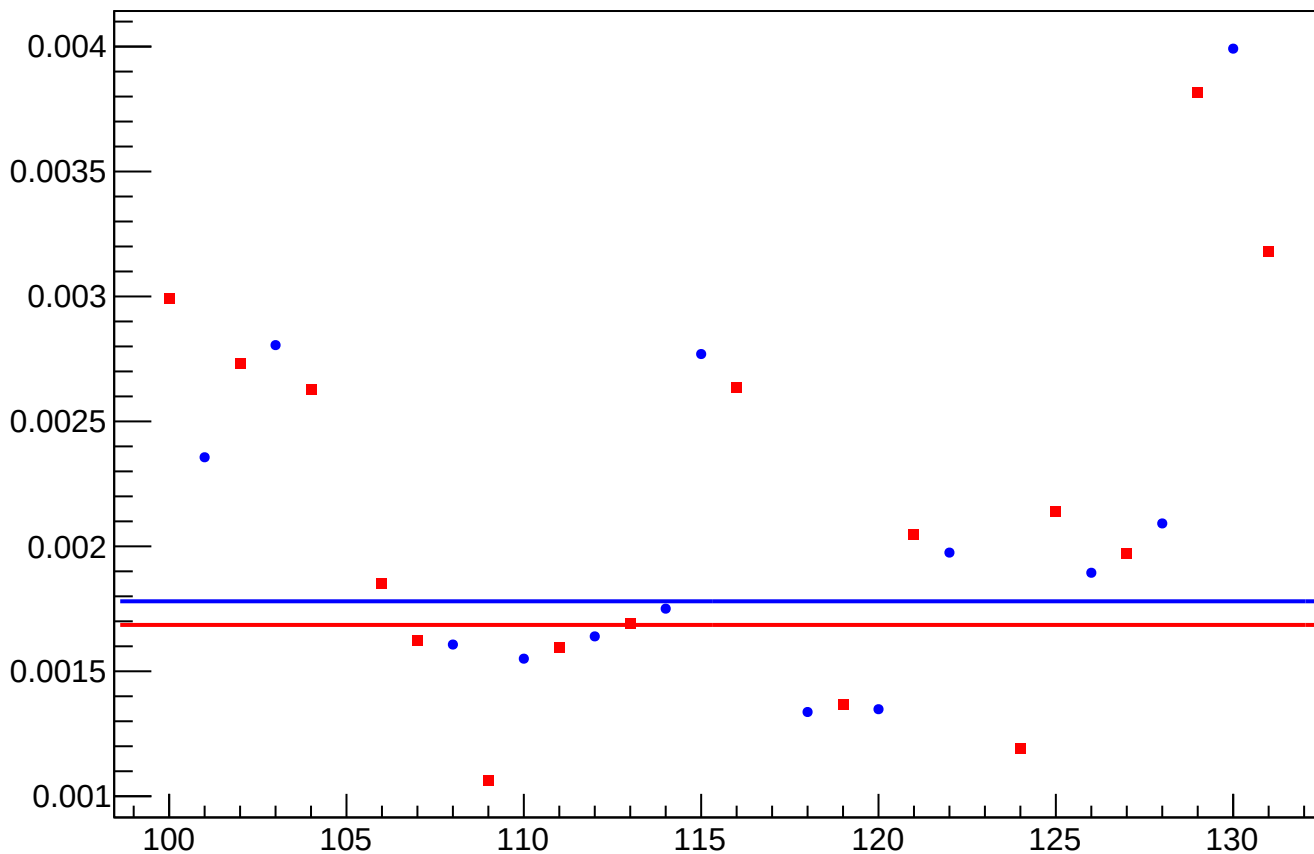
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 30.5/28

- sign 0.000 $\pm$ 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 : 855777.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1400253.2/15

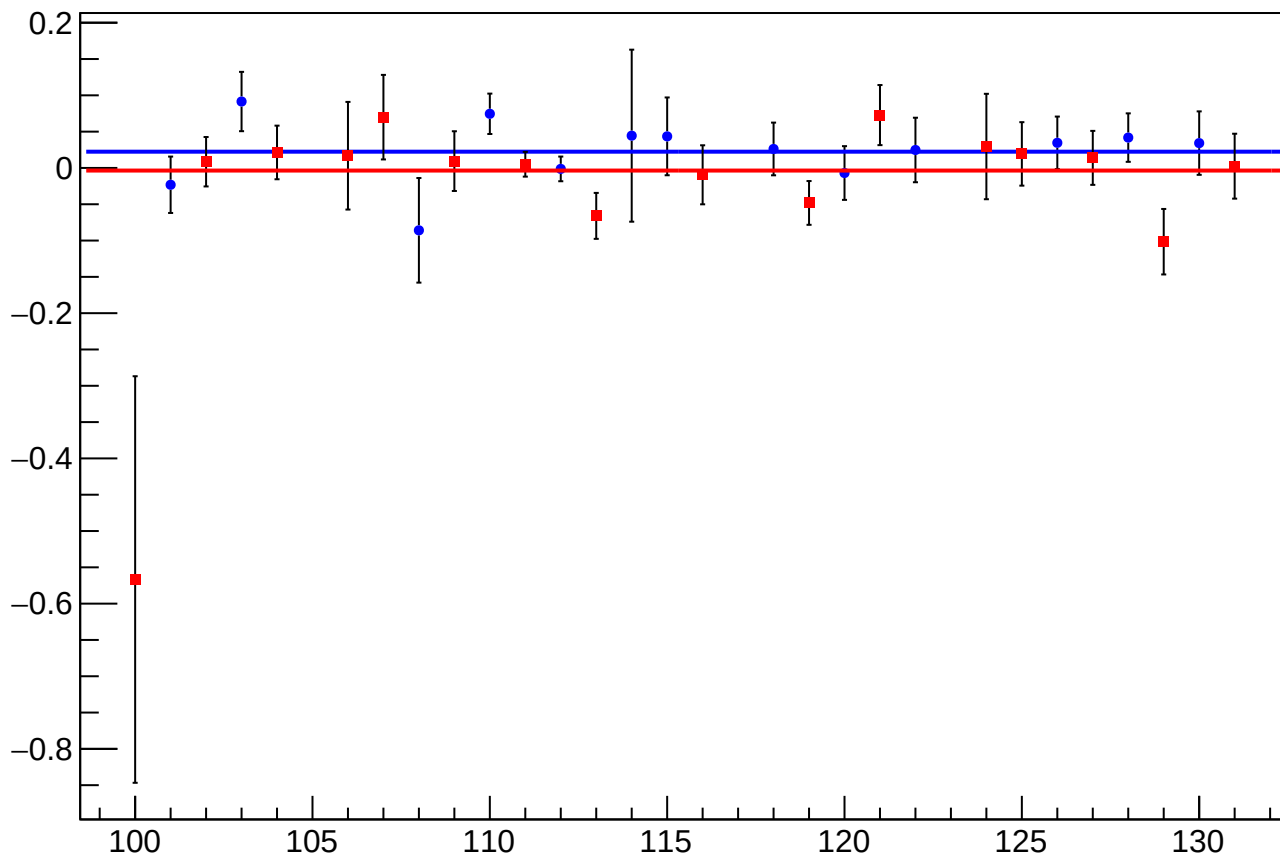
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2271766.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.022 $\pm$ 0.010 χ^2 /NDF: 13.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.004 $\pm$ 0.009 χ^2 /NDF: 21.6/15

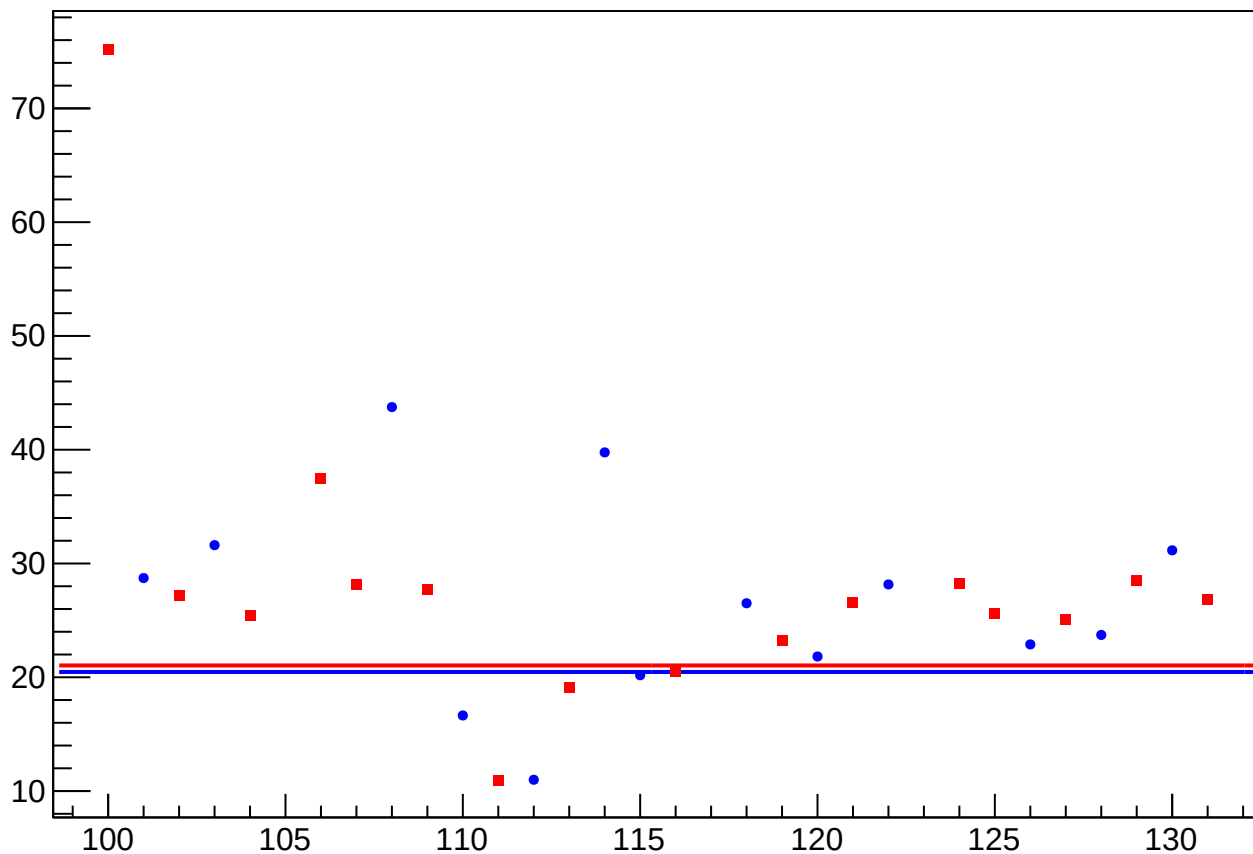
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.007 χ^2 /NDF: 38.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 20.465+/-0.007 χ^2/NDF : 1427252.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.039+/-0.006 χ^2/NDF : 1263267.1/15

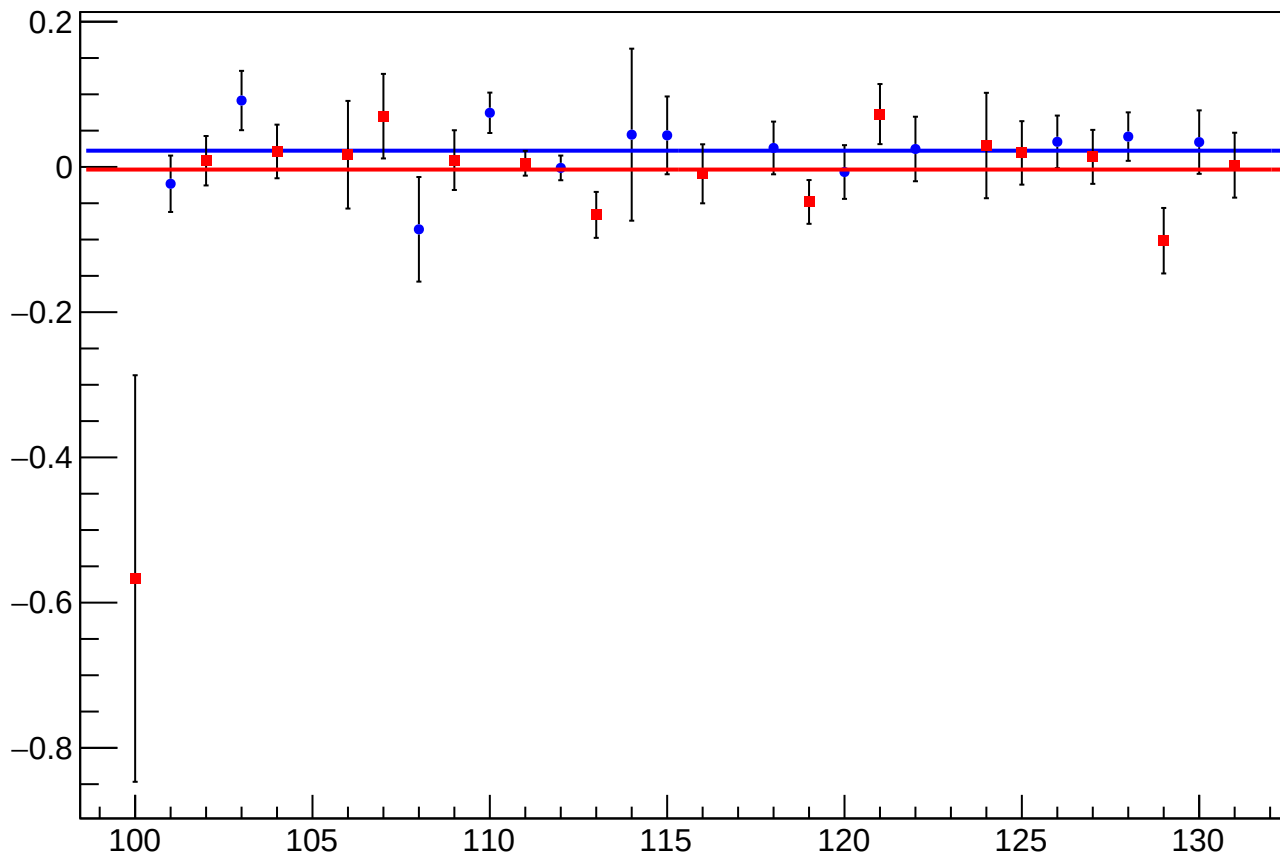
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.765+/-0.005 χ^2/NDF : 2694235.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.022 $\pm$ 0.010 χ^2 /NDF: 13.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.004 $\pm$ 0.009 χ^2 /NDF: 21.6/15

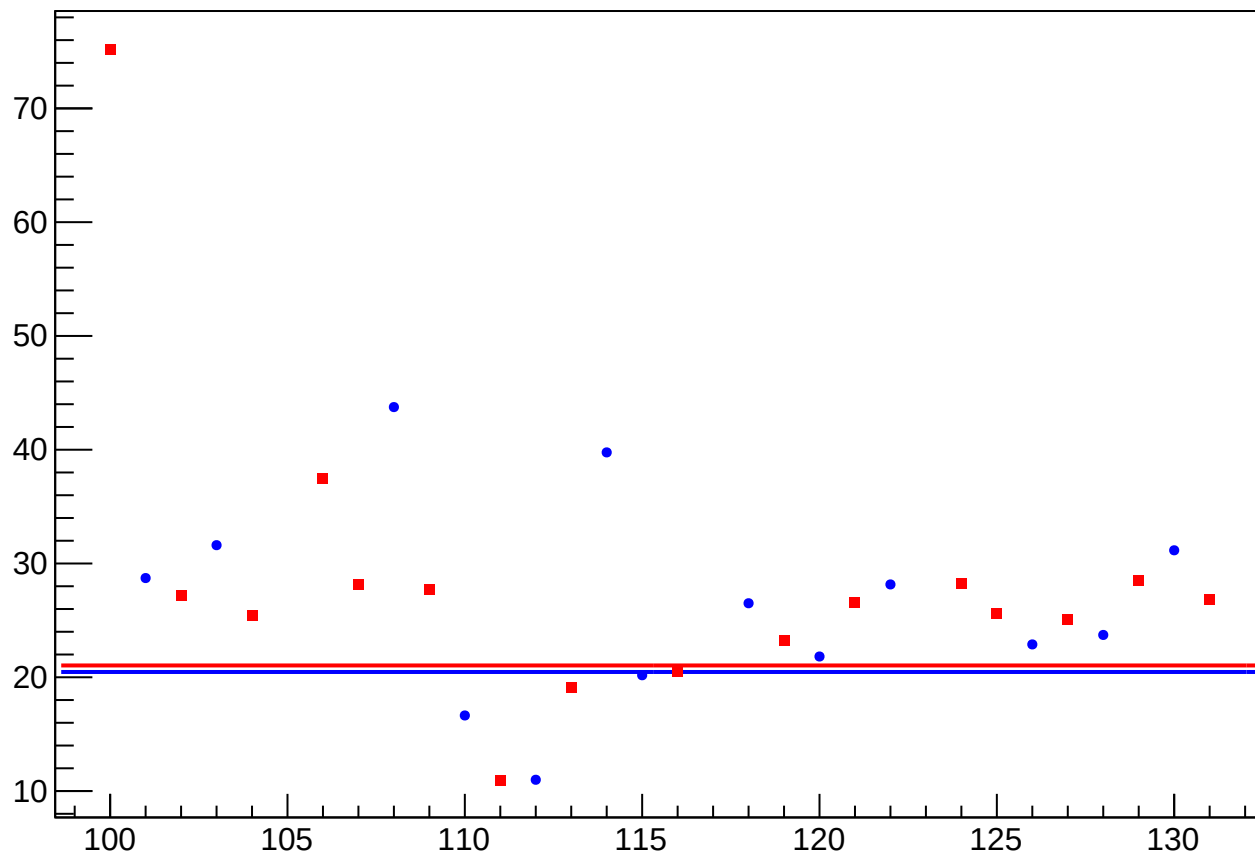
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.007 χ^2 /NDF: 38.8/28

- 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: 20.465+/-0.007 χ^2/NDF : 1427252.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.039+/-0.006 χ^2/NDF : 1263267.1/15

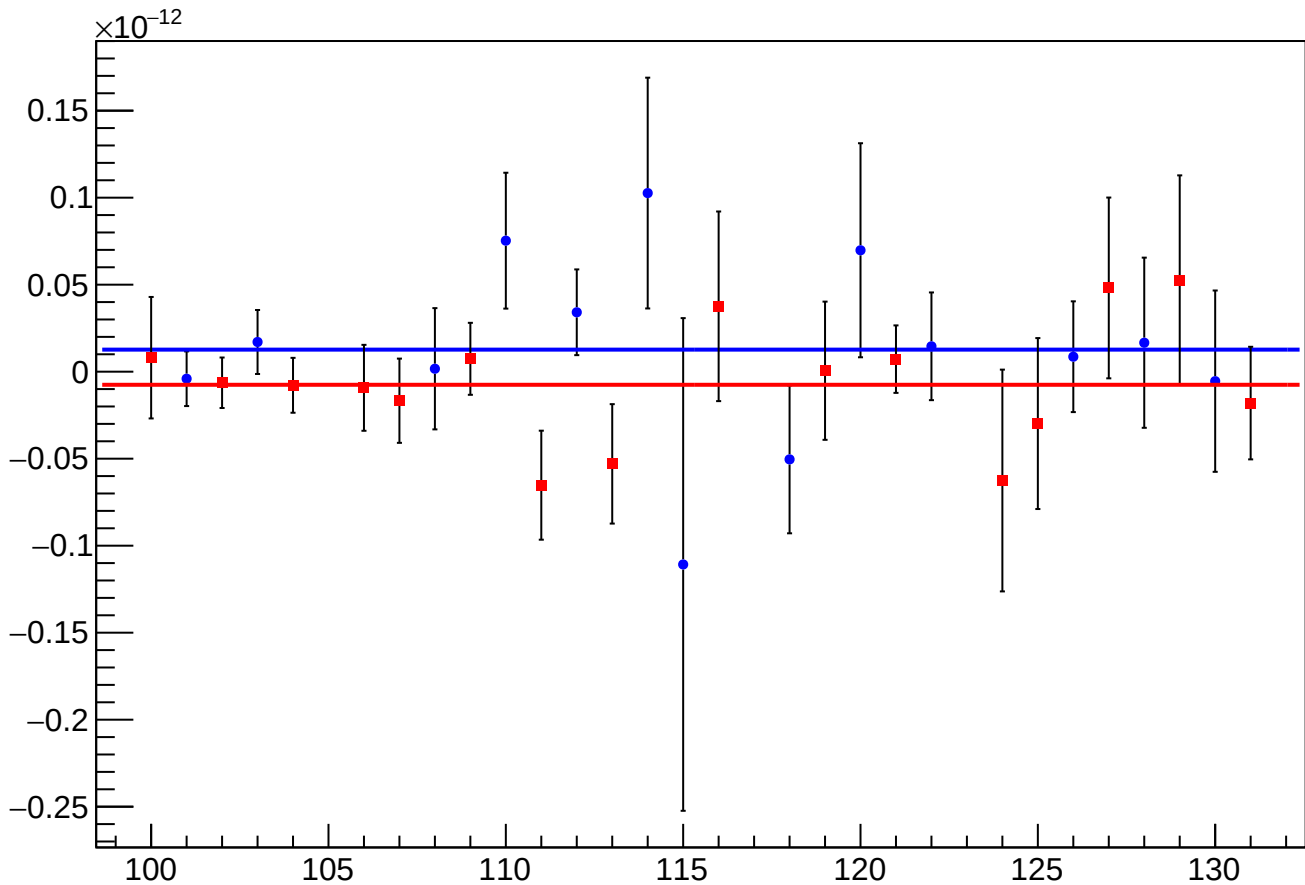
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

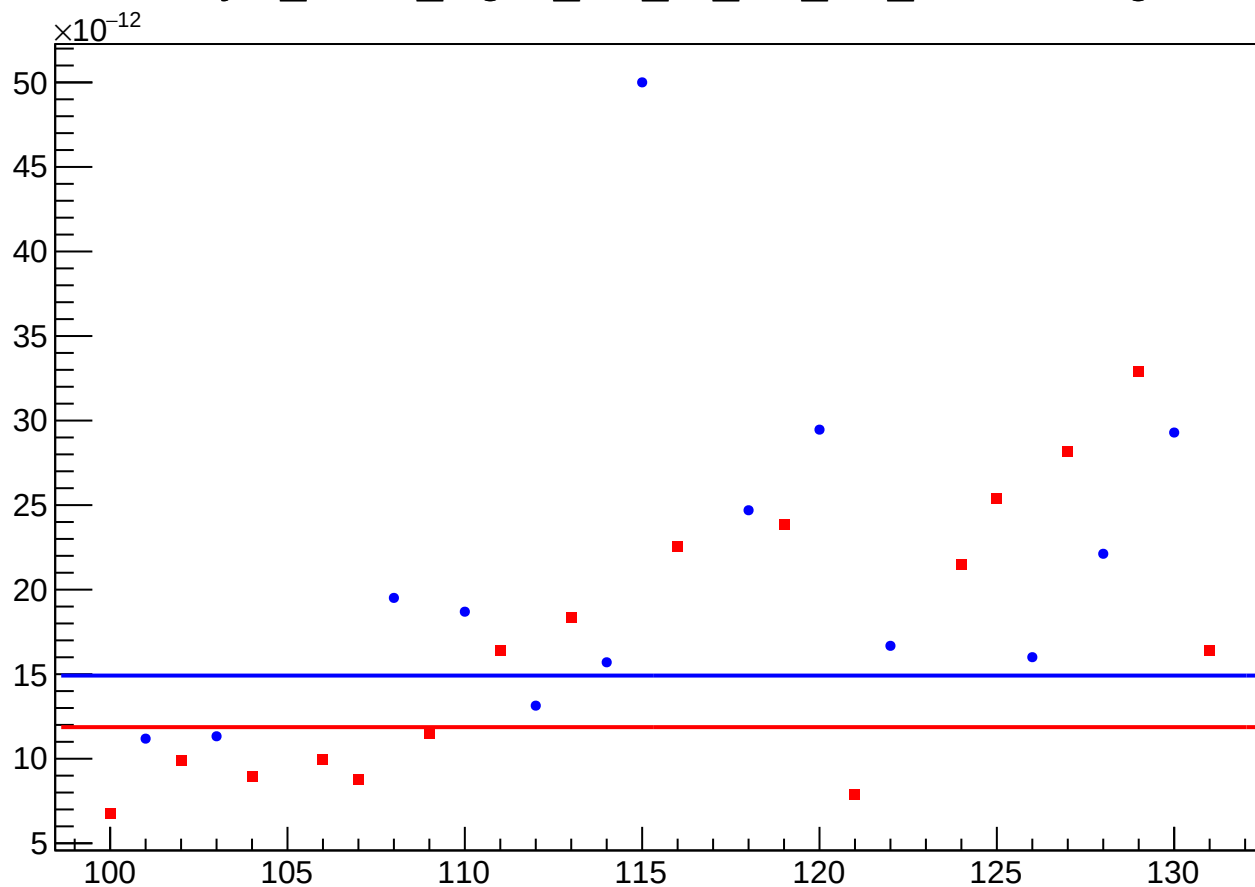
All: 20.765+/-0.005 χ^2/NDF : 2694235.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_cor_vs_cor_diff_mean vs Slug



asym_sam8_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 798215.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1329707.2/15

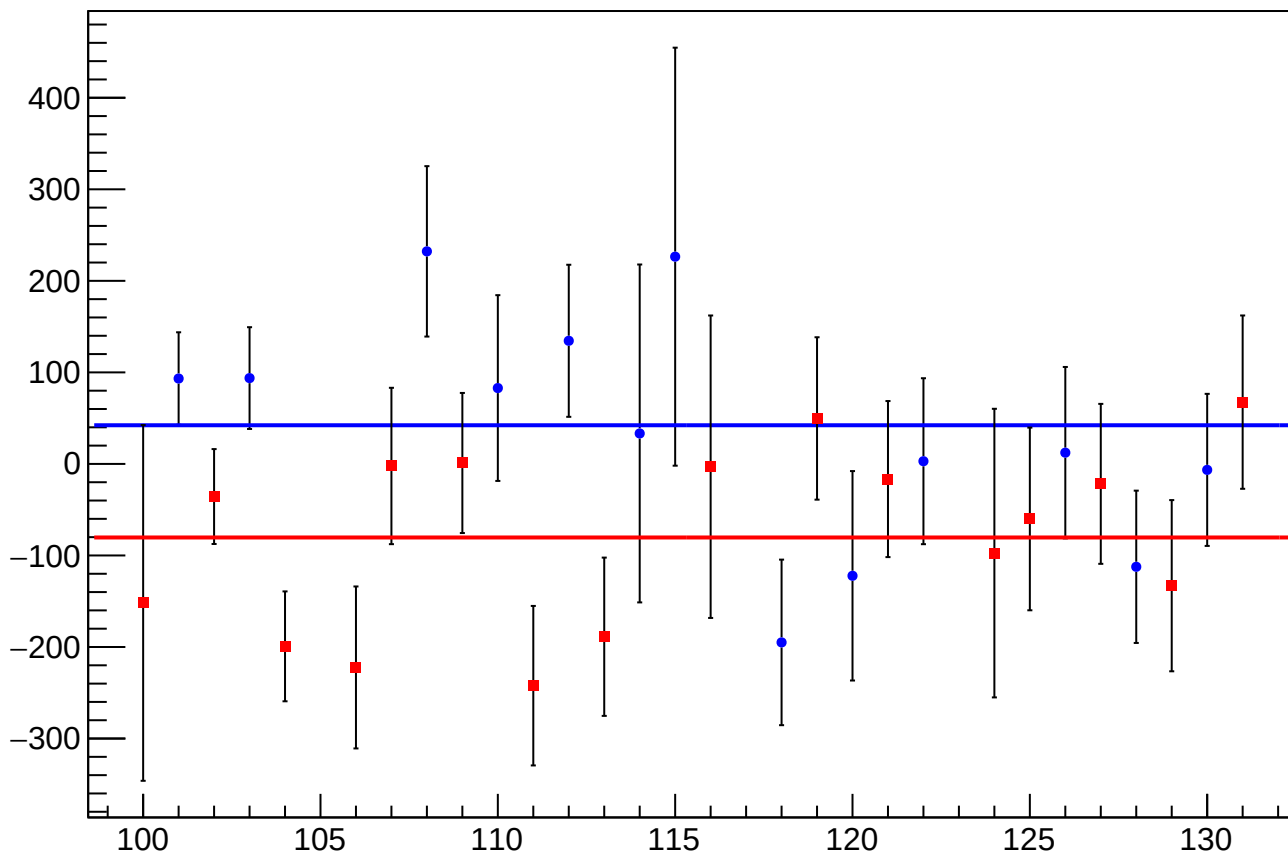
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2290307.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_mean vs Slug



Right In: 42.245 ± 23.279 χ^2/NDF : 21.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -80.355 ± 21.436 χ^2/NDF : 20.6/15

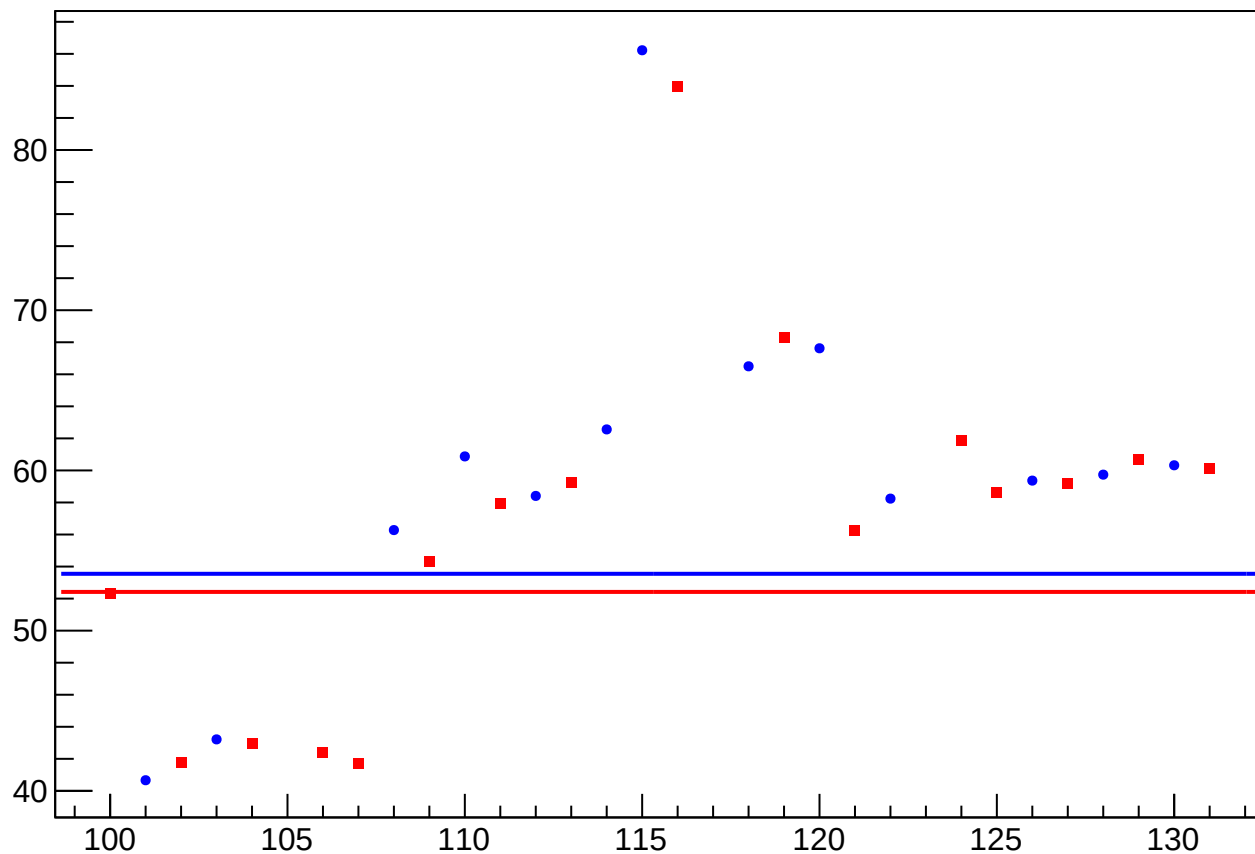
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -24.101 ± 15.769 χ^2/NDF : 56.7/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_rms vs Slug



Right In: 53.549+/-0.016 χ^2/NDF : 372673.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.418+/-0.015 χ^2/NDF : 409618.5/15

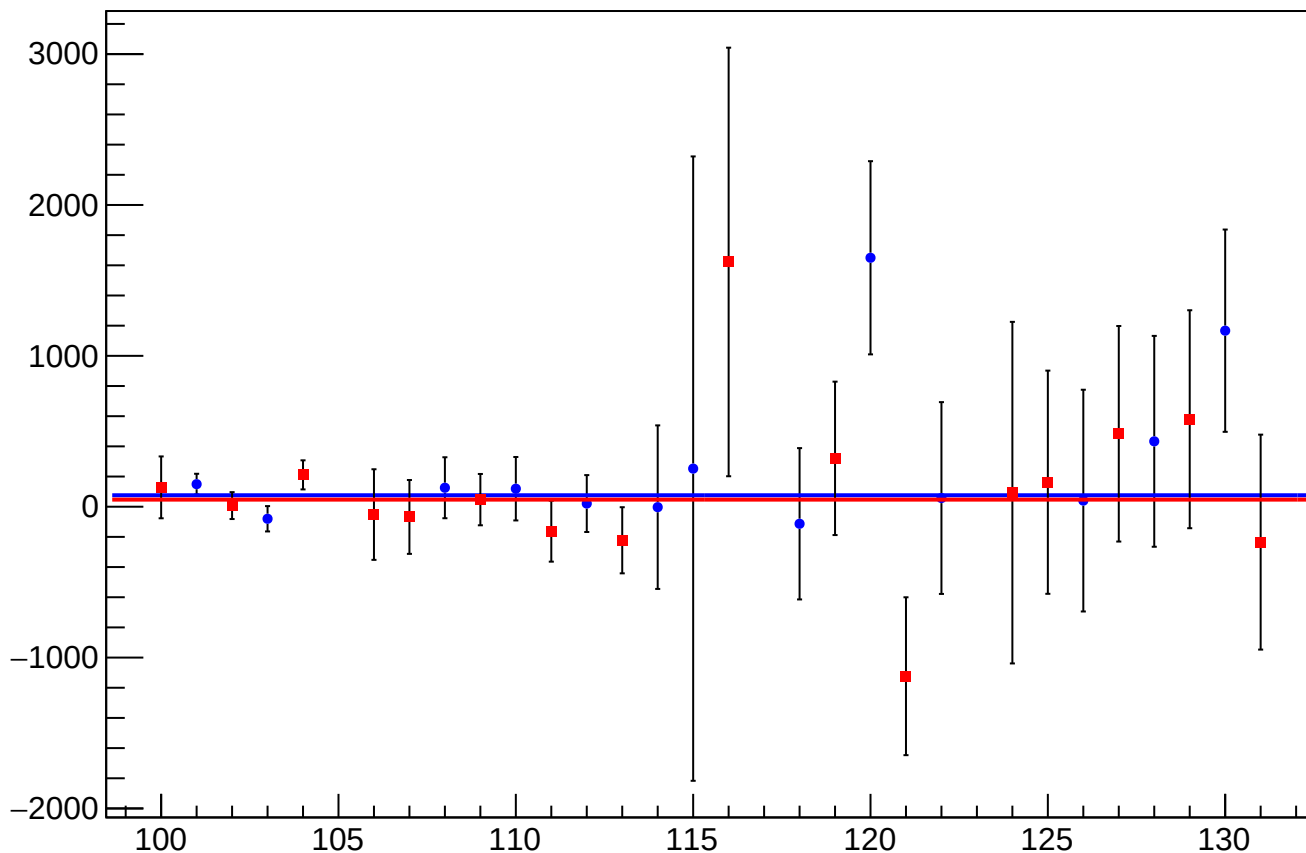
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.937+/-0.011 χ^2/NDF : 784845.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_reg_correction_mean vs Slug



Right In: 75.929+/-47.298 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.028+/-51.192 χ^2/NDF : 13.8/15

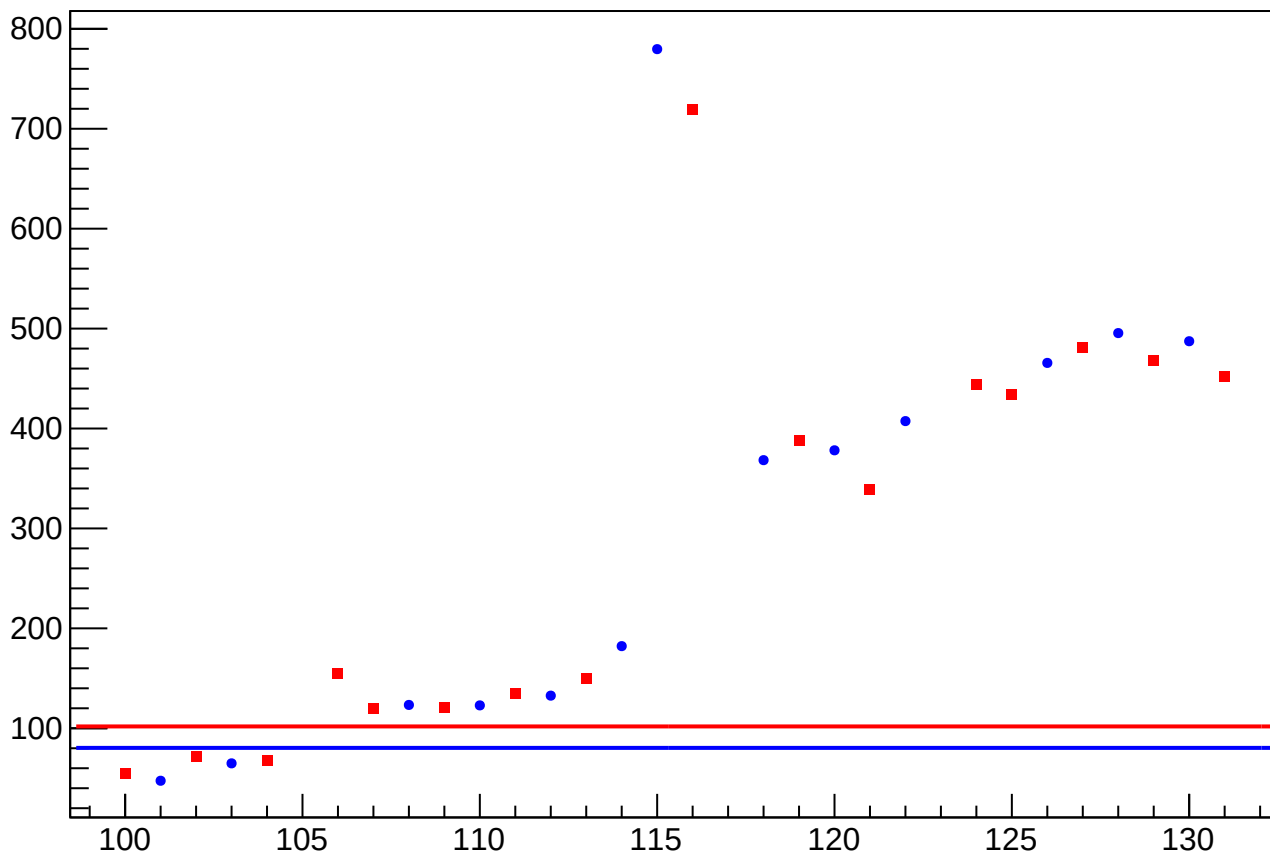
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.619+/-34.740 χ^2/NDF : 27.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_reg_correction_rms vs Slug



Right In: 80.372+/-0.033 χ^2/NDF : 4764283.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.839+/-0.036 χ^2/NDF : 4413585.1/15

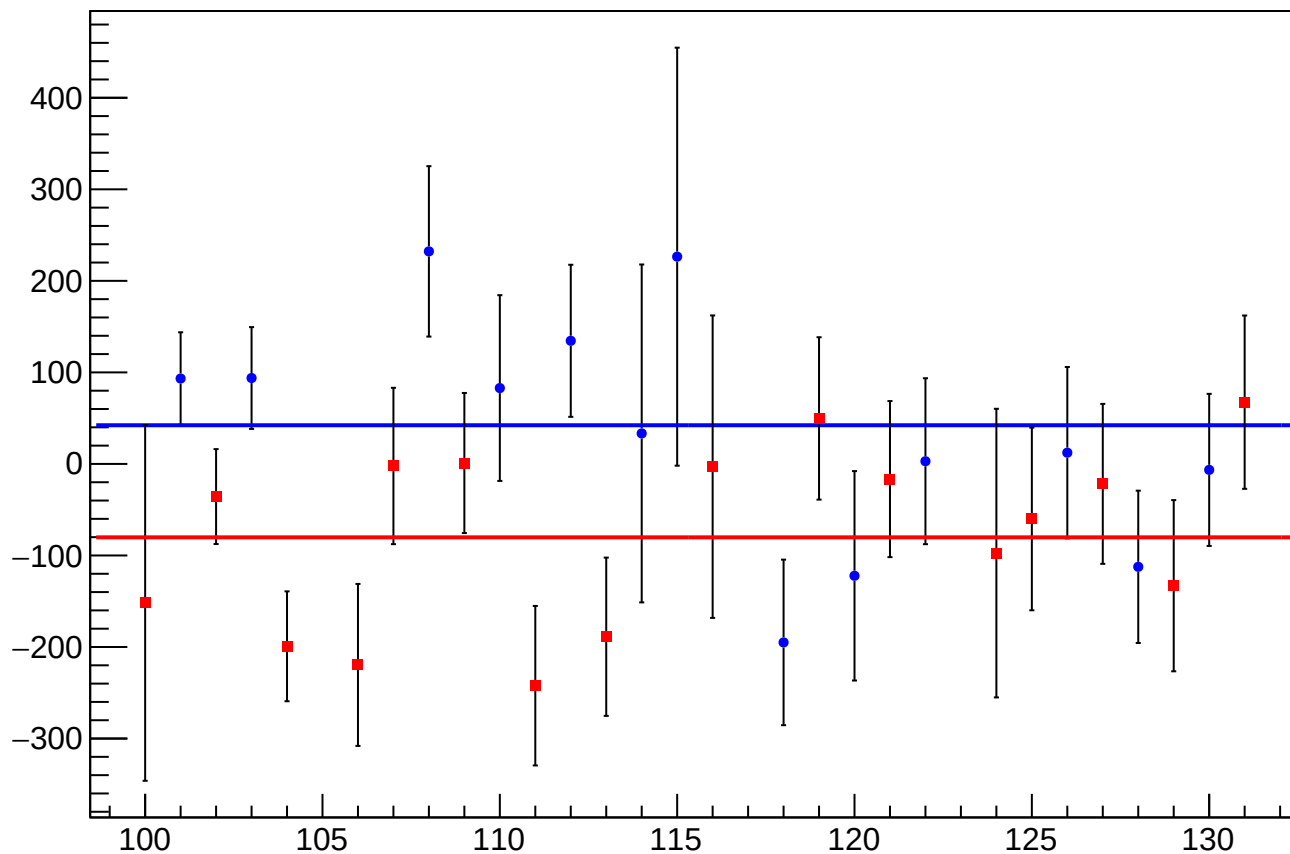
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.259+/-0.025 χ^2/NDF : 9367597.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_avg_mean vs Slug



Right In: 42.259 $\pm$ 23.279 χ^2 /NDF: 21.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -80.195 $\pm$ 21.438 χ^2 /NDF: 20.5/15

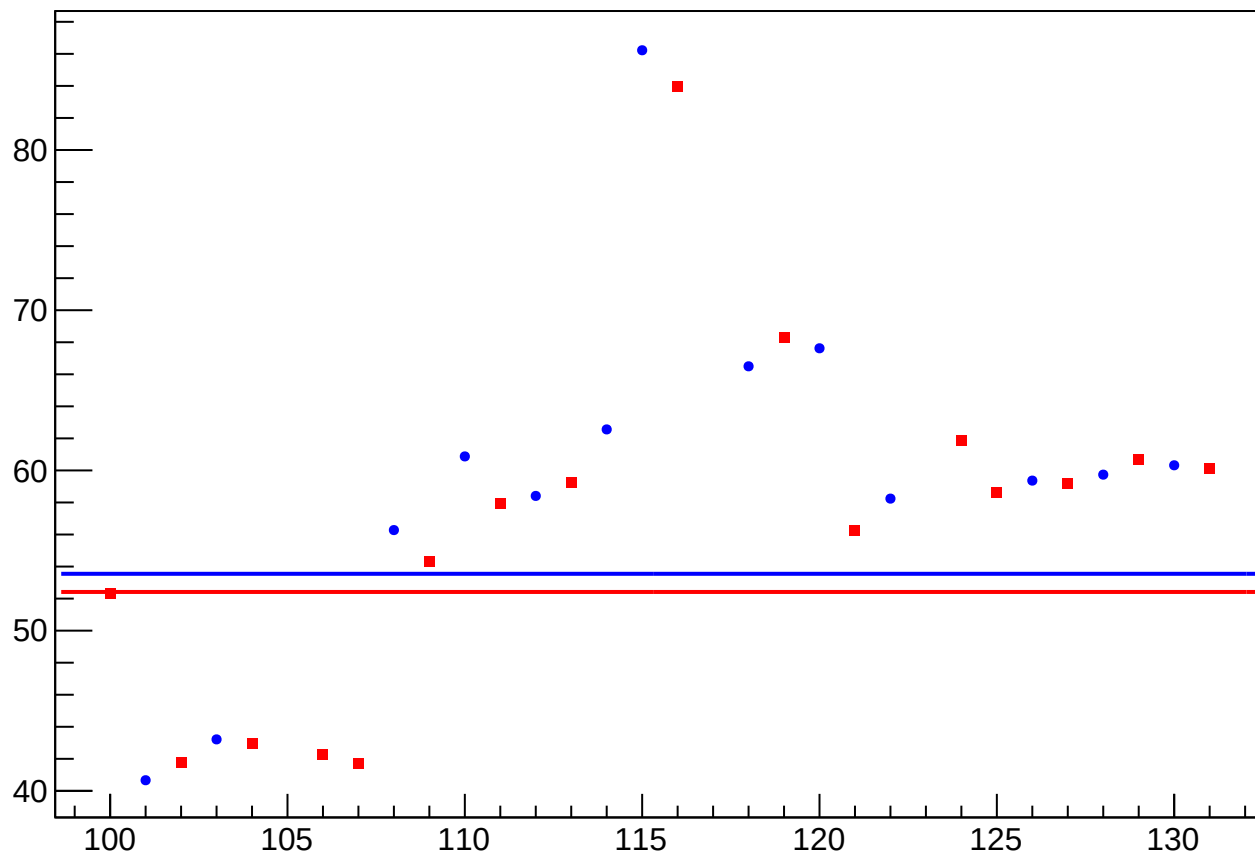
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -24.003 $\pm$ 15.770 χ^2 /NDF: 56.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_15_avg_rms vs Slug



Right In: 53.549 $\pm$ 0.016 χ^2 /NDF: 372672.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 52.415 $\pm$ 0.015 χ^2 /NDF: 409915.2/15

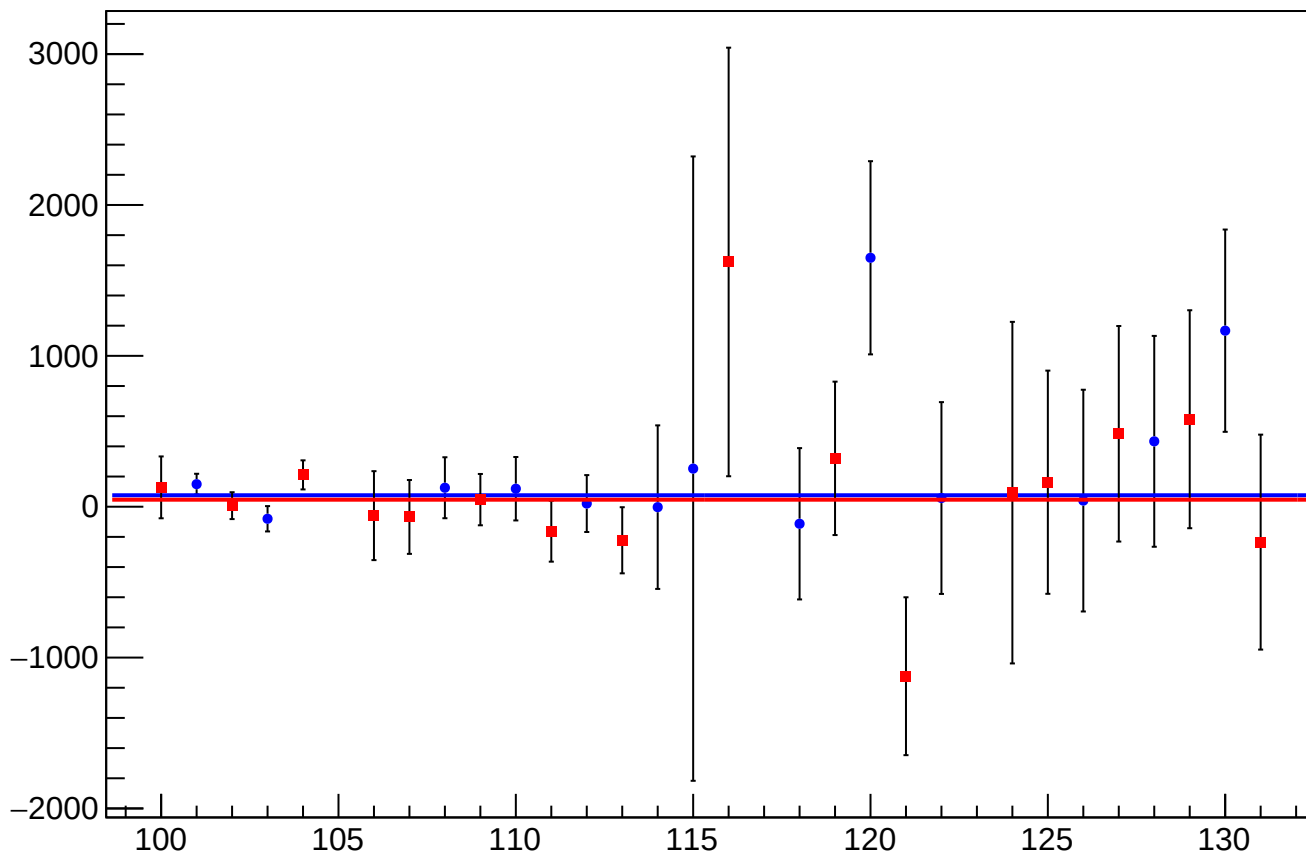
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 52.935 $\pm$ 0.011 χ^2 /NDF: 785153.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_cor_correction_mean vs Slug



Right In: 75.932+/-47.297 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.535+/-51.147 χ^2/NDF : 13.8/15

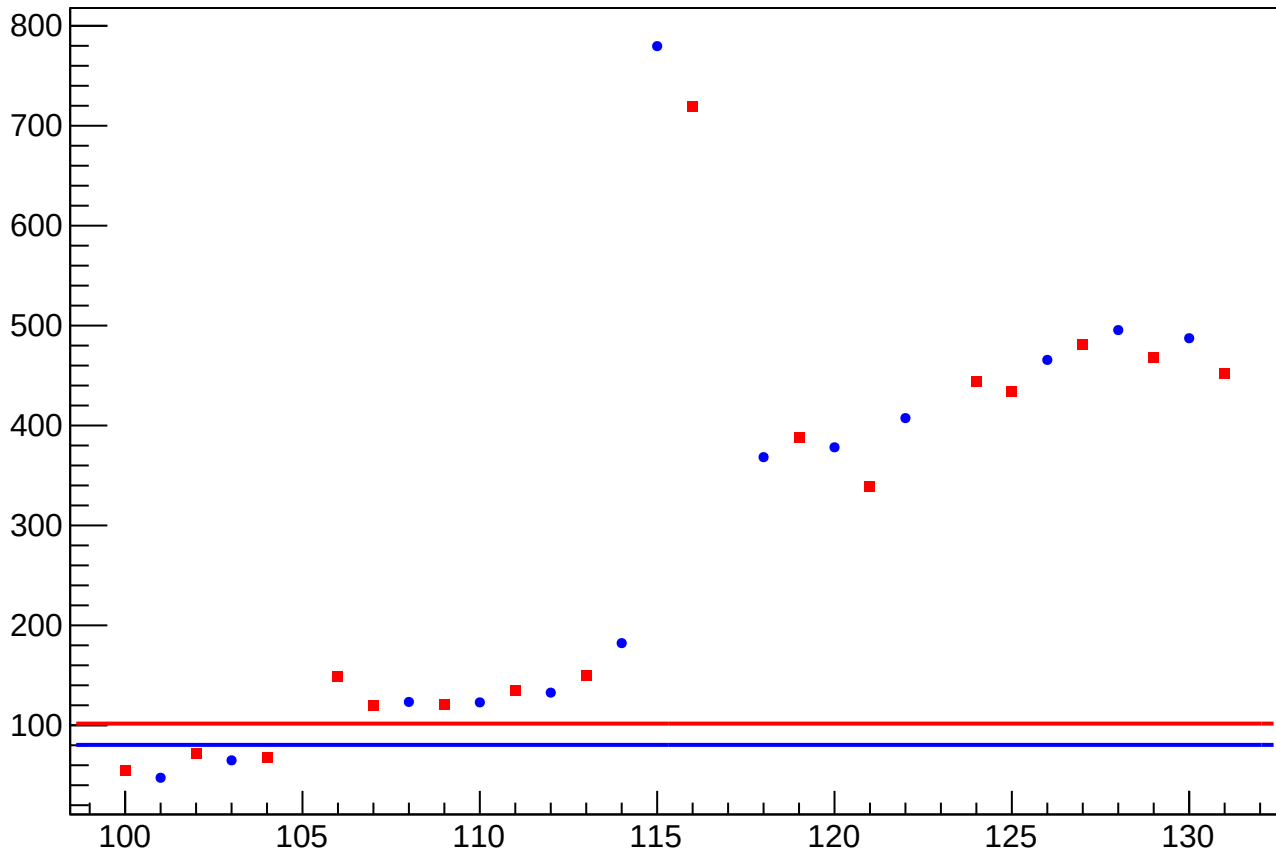
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.381+/-34.726 χ^2/NDF : 27.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_cor_correction_rms vs Slug



Right In: 80.370+/-0.033 χ^2/NDF : 4764327.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.666+/-0.036 χ^2/NDF : 4403815.3/15

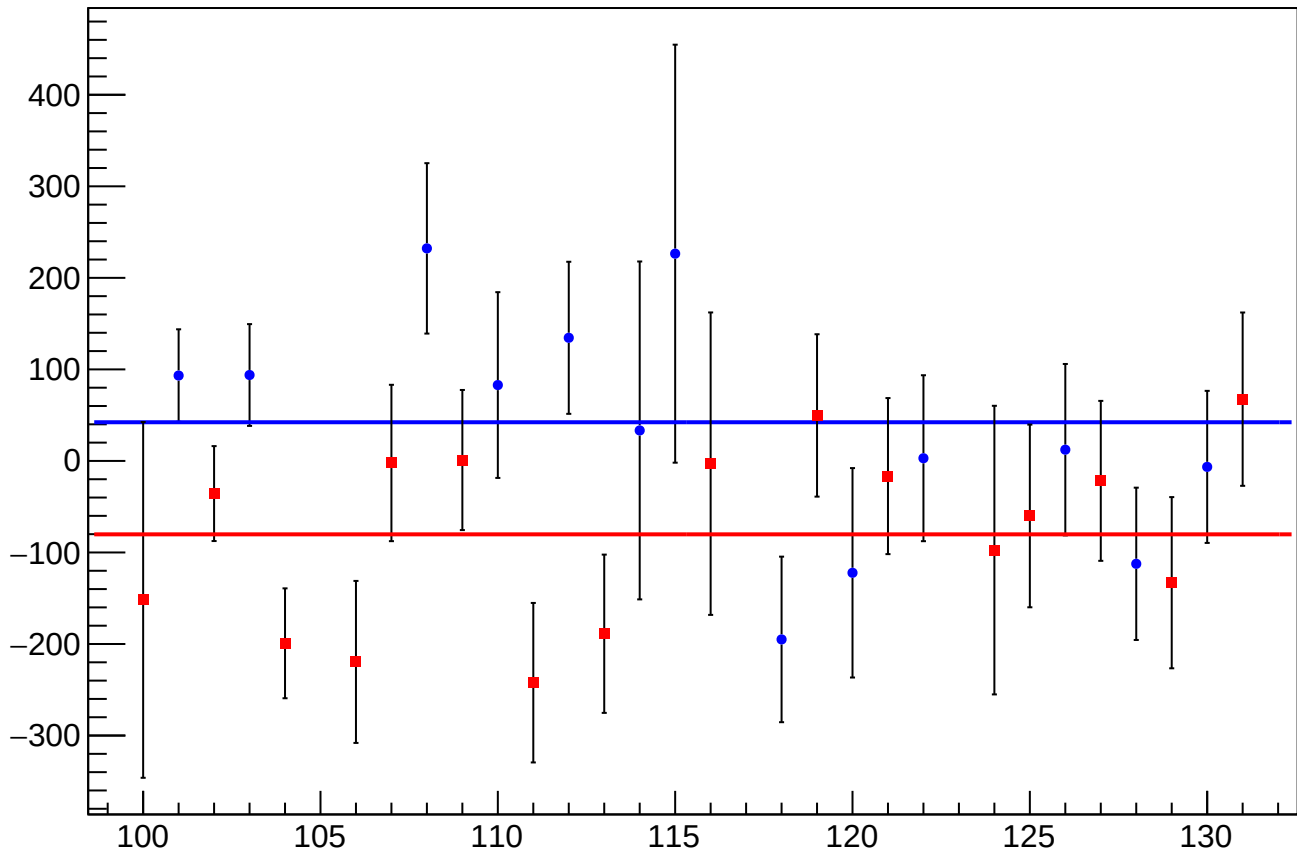
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.187+/-0.025 χ^2/NDF : 9355038.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_avg_mean vs Slug



Right In: 42.259 $\pm$ 23.279 χ^2 /NDF: 21.1/12

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -80.195 $\pm$ -21.438 χ^2 /NDF: 20.5/15

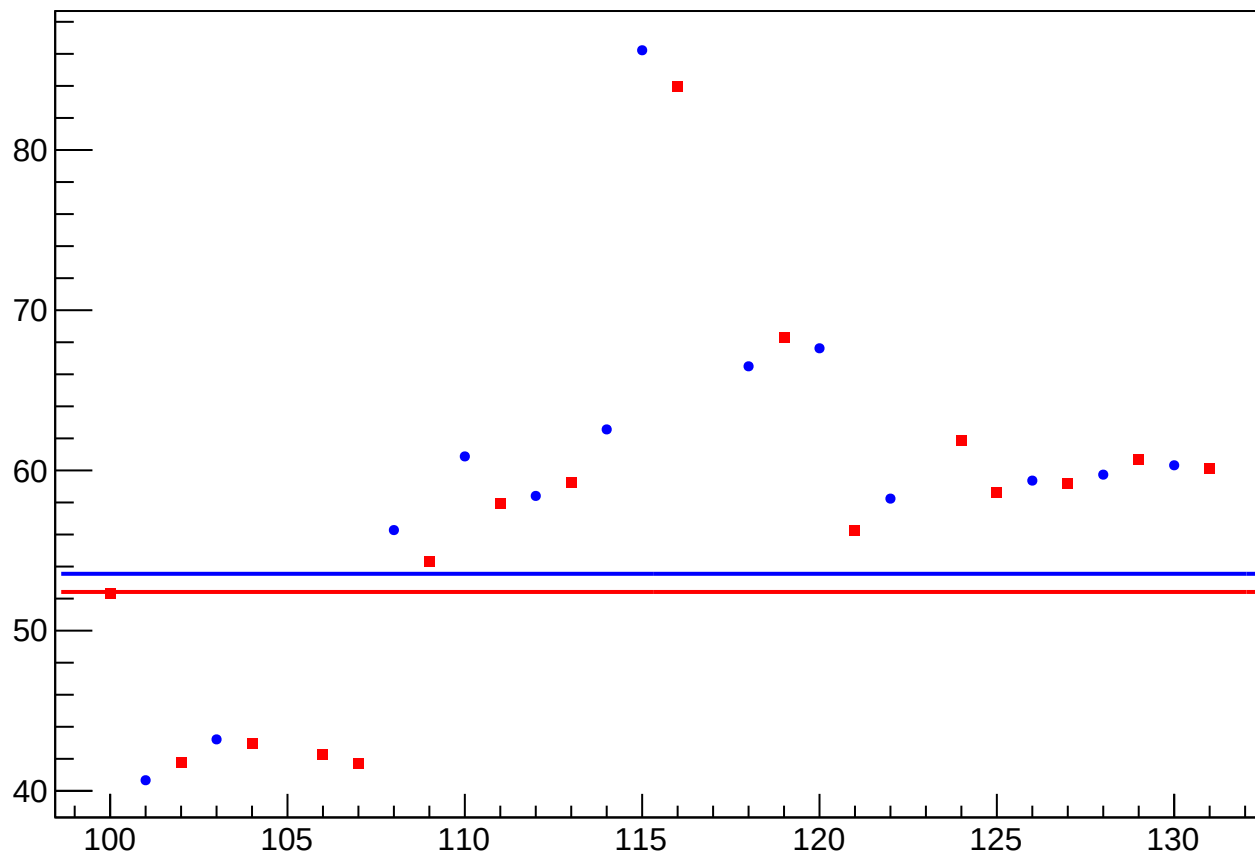
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: -24.003 $\pm$ -15.770 χ^2 /NDF: 56.6/28

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_15_avg_rms vs Slug



Right In: 53.549+/-0.016 χ^2/NDF : 372672.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.415+/-0.015 χ^2/NDF : 409915.2/15

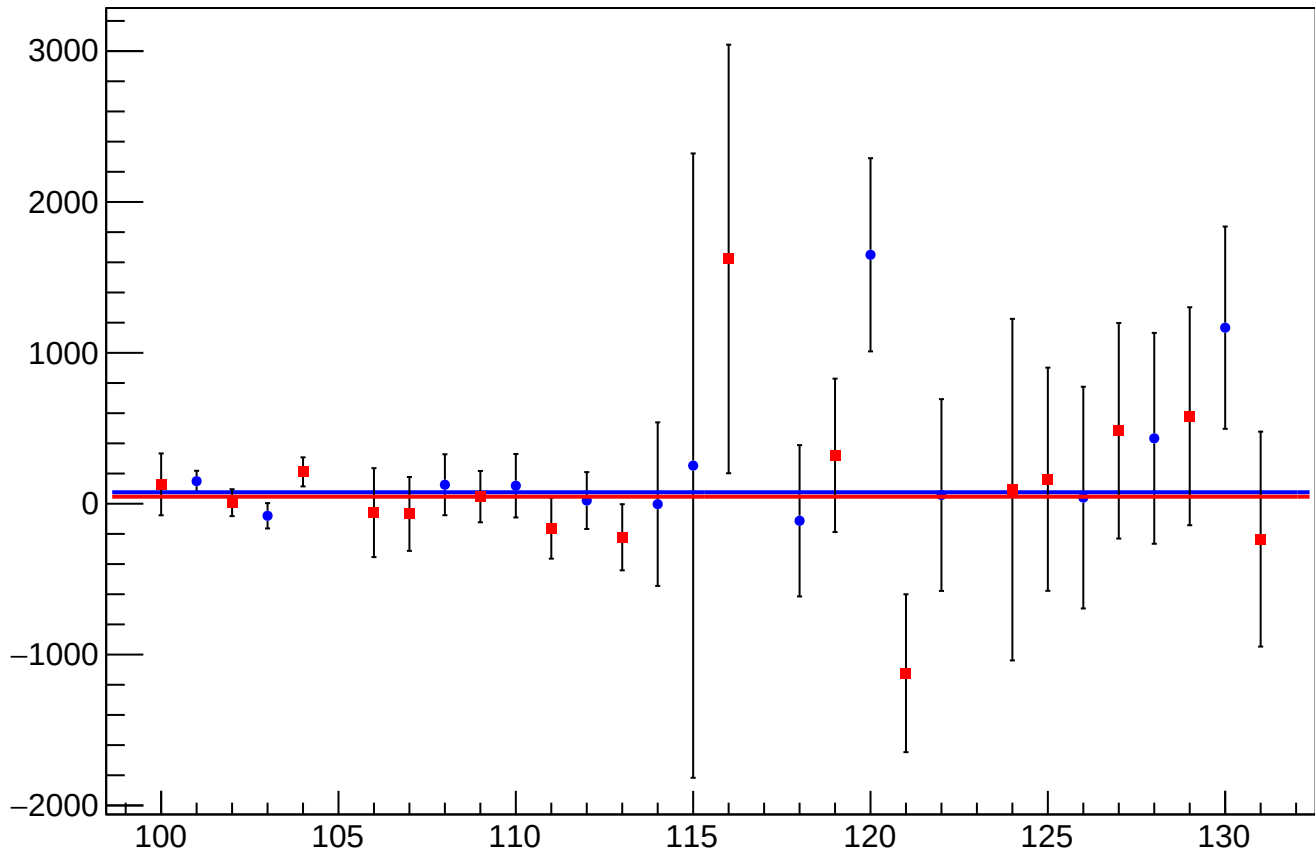
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.935+/-0.011 χ^2/NDF : 785153.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_cor_correction_mean vs Slug



Right In: 75.932+/-47.297 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.535+/-51.147 χ^2/NDF : 13.8/15

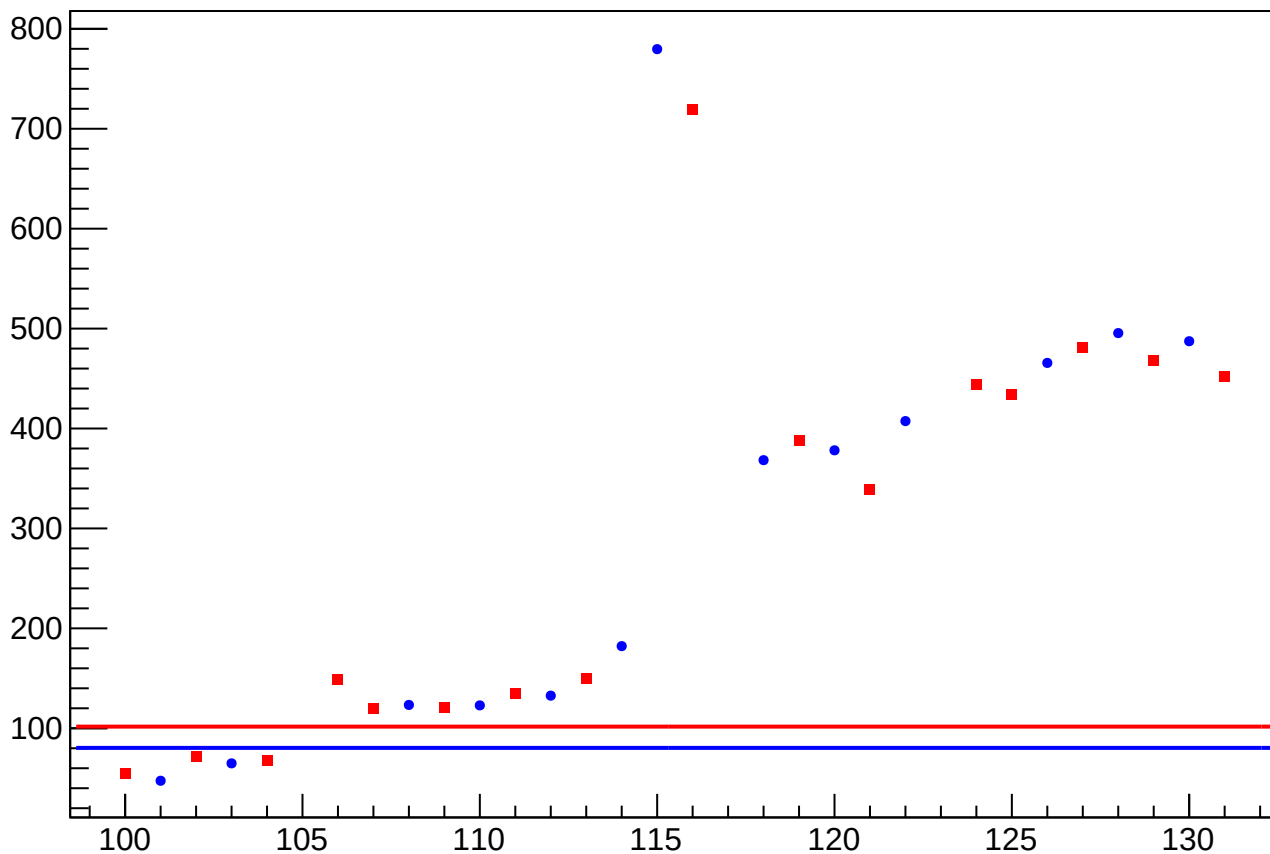
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.381+/-34.726 χ^2/NDF : 27.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_cor_correction_rms vs Slug



Right In: 80.370+/-0.033 χ^2/NDF : 4764327.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.666+/-0.036 χ^2/NDF : 4403815.3/15

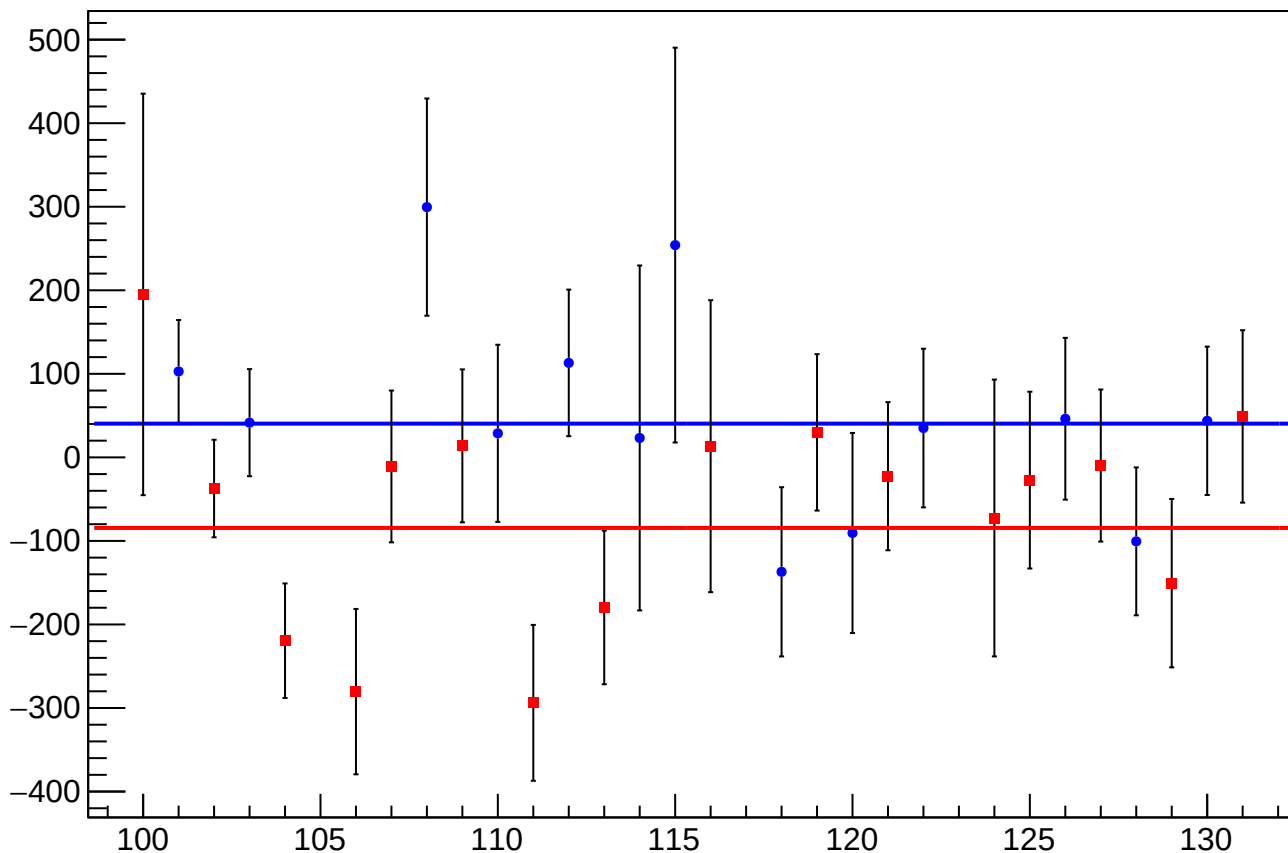
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.187+/-0.025 χ^2/NDF : 9355038.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_avg_mean vs Slug



Right In: 40.382 $\pm$ 26.119 χ^2 /NDF: 13.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -84.452 $\pm$ 23.492 χ^2 /NDF: 23.1/15

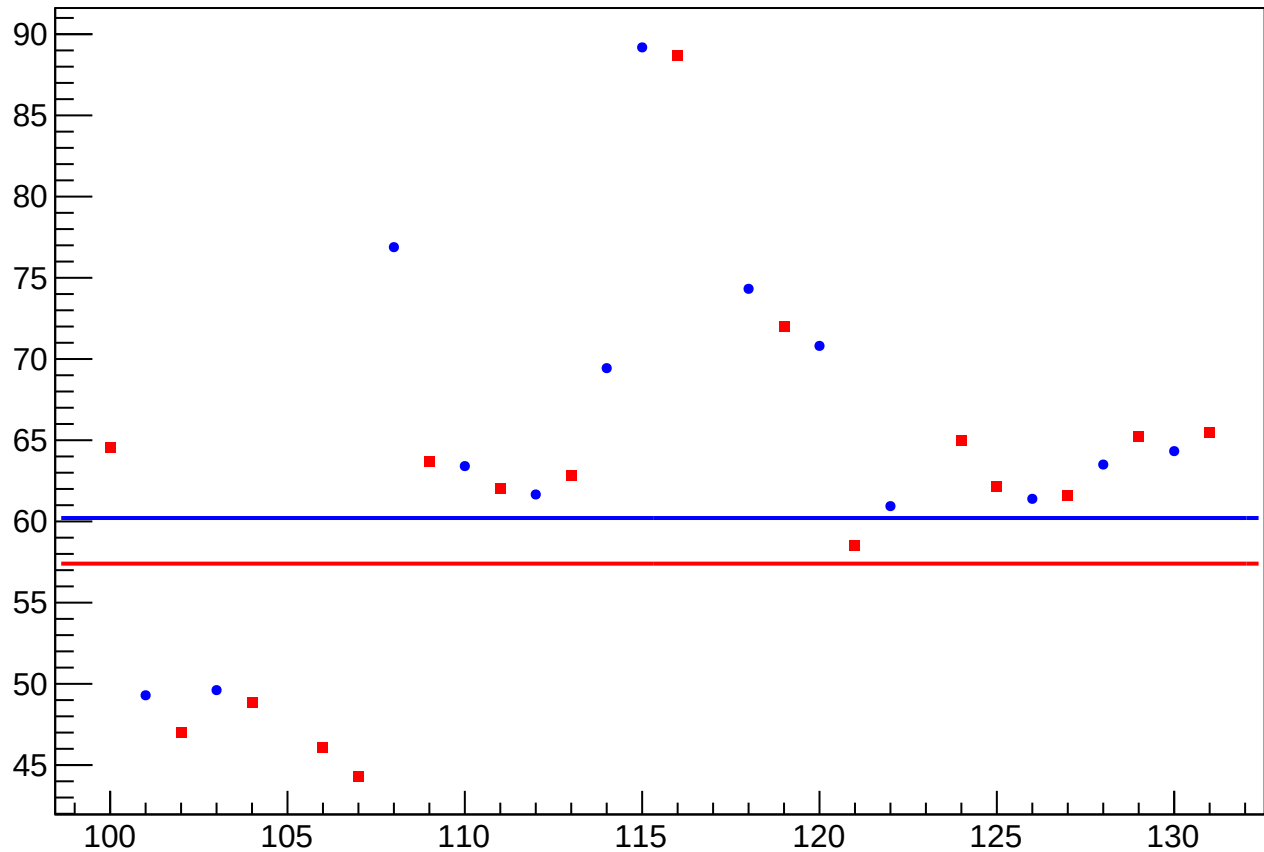
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -28.626 $\pm$ 17.467 χ^2 /NDF: 49.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_avg_rms vs Slug



Right In: 60.211+/-0.018 χ^2/NDF : 248843.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.402+/-0.017 χ^2/NDF : 335644.3/15

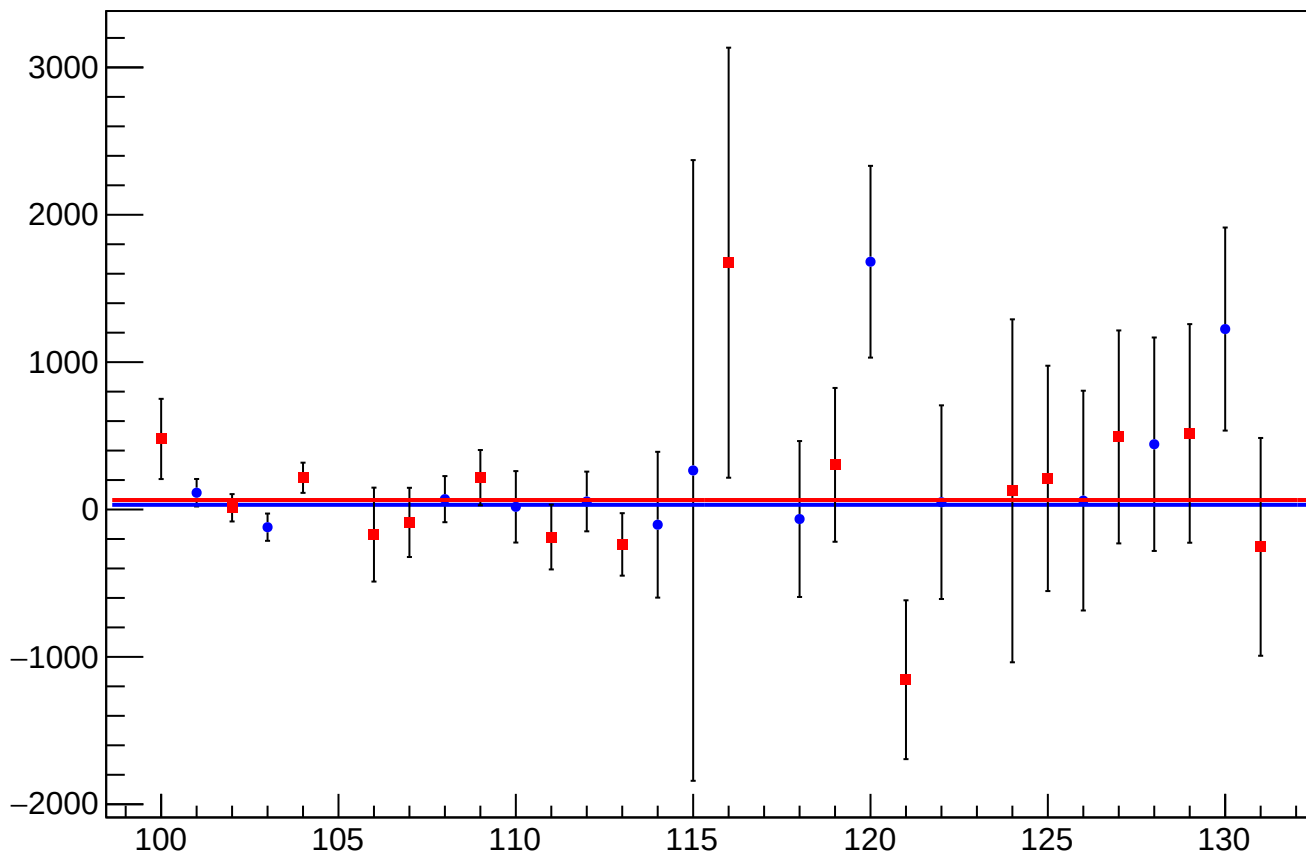
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.658+/-0.012 χ^2/NDF : 597276.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_dit_correction_mean vs Slug



Right In: 31.953+/-54.844 χ^2/NDF : 13.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.517+/-54.240 χ^2/NDF : 17.2/15

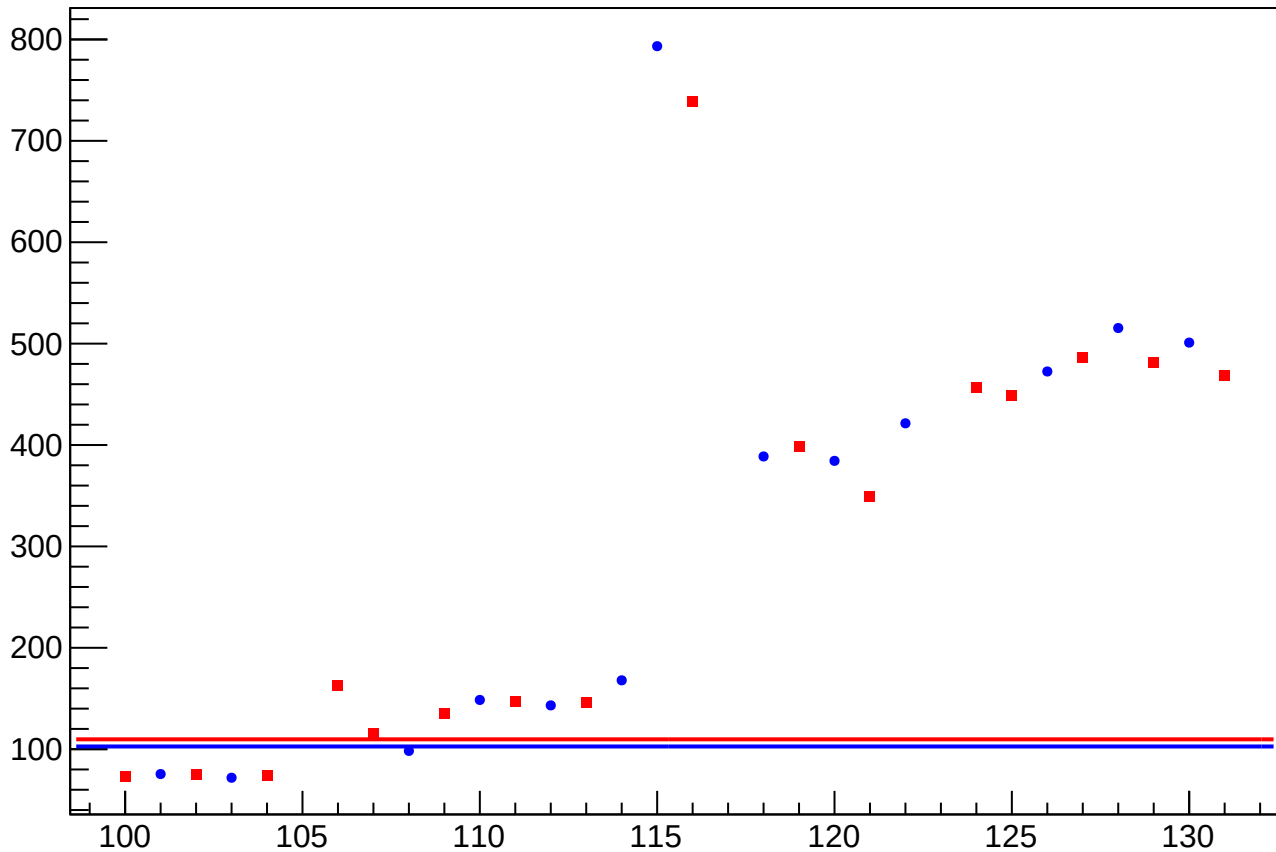
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.415+/-38.565 χ^2/NDF : 30.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_dit_correction_rms vs Slug



Right In: 102.682 $\pm$ 0.039 χ^2 /NDF: 4035615.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 109.743 $\pm$ 0.038 χ^2 /NDF: 4248411.2/15

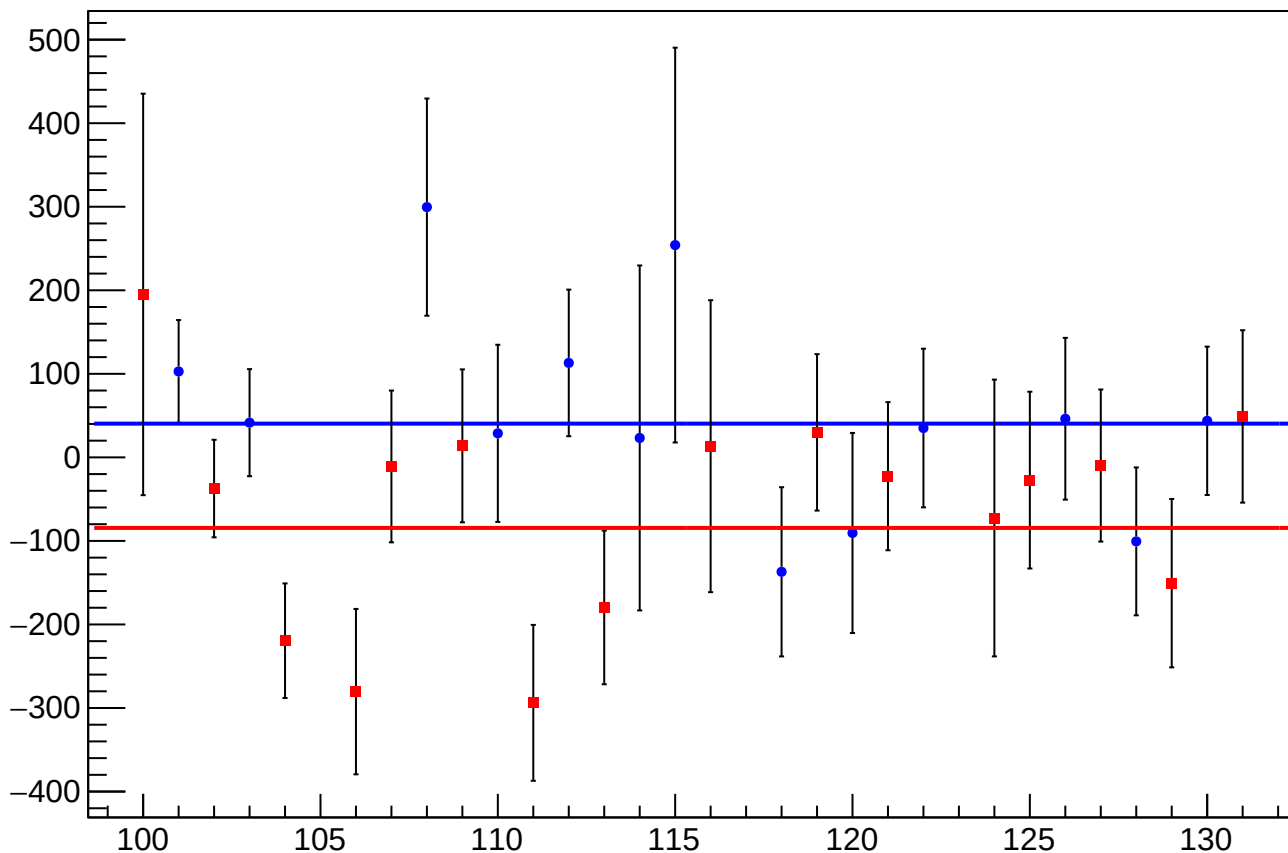
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 106.252 $\pm$ 0.027 χ^2 /NDF: 8300789.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_avg_mean vs Slug



Right In: 40.381+/-26.119 χ^2/NDF : 13.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -84.452+/-23.492 χ^2/NDF : 23.1/15

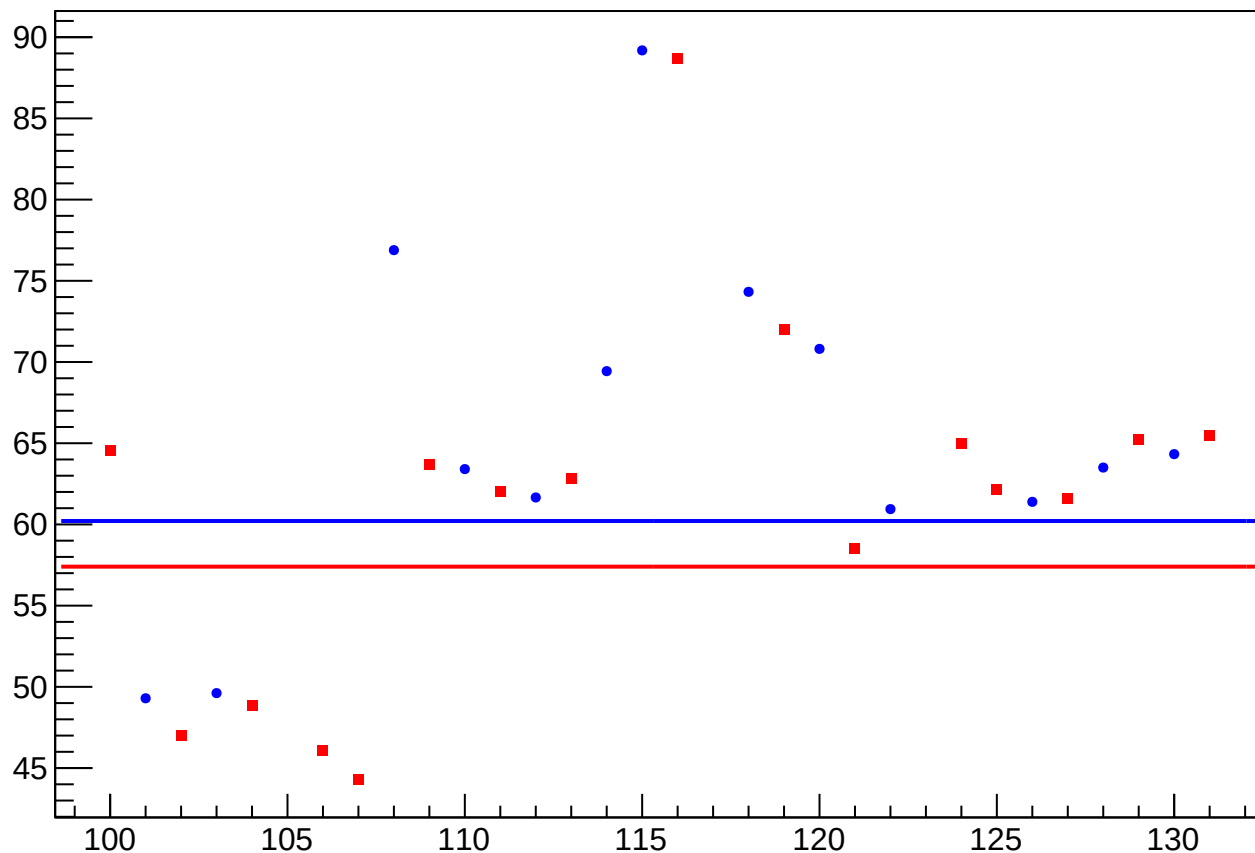
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.626+/-17.467 χ^2/NDF : 49.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_avg_rms vs Slug



Right In: 60.211+/-0.018 χ^2/NDF : 248842.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.402+/-0.017 χ^2/NDF : 335641.1/15

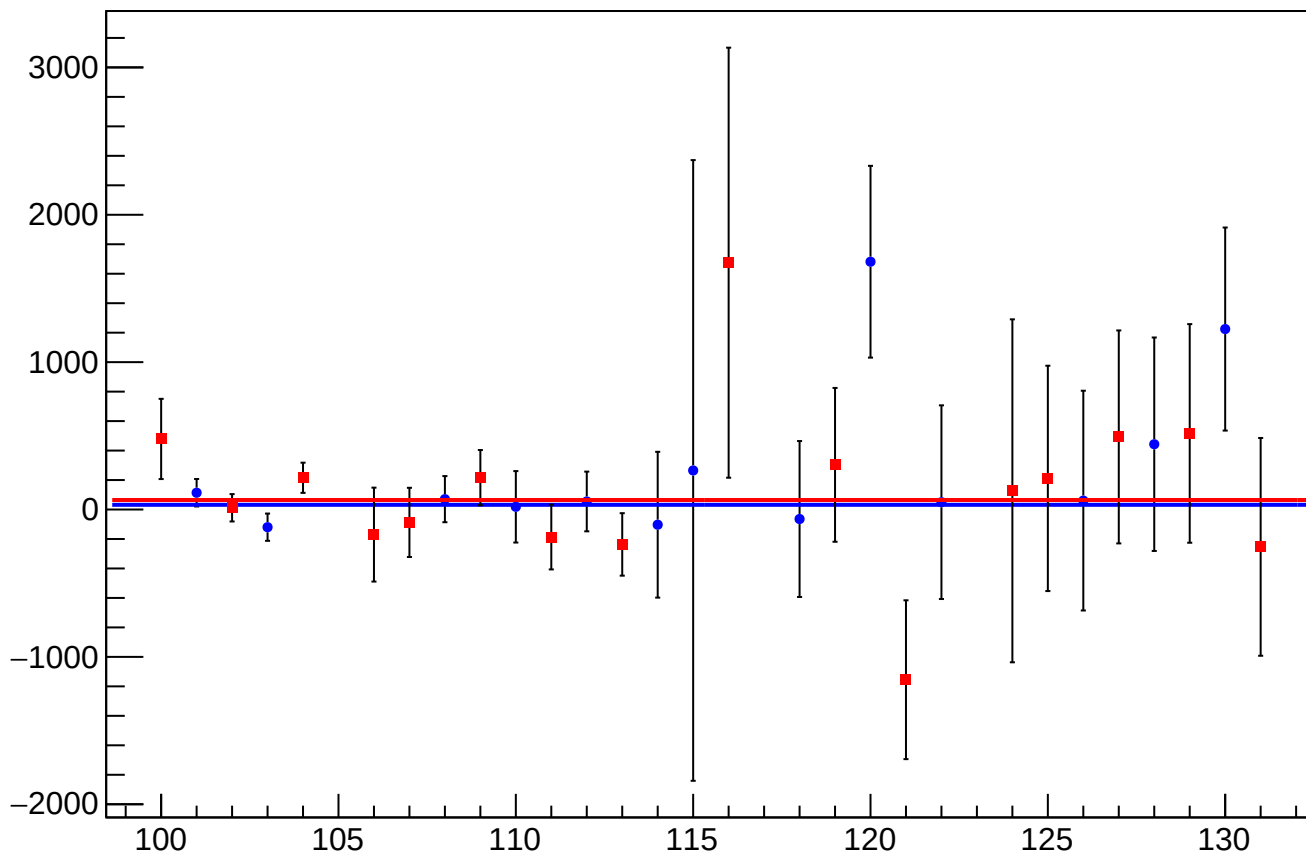
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.658+/-0.012 χ^2/NDF : 597271.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_dit_correction_mean vs Slug



Right In: 31.953+/-54.844 χ^2/NDF : 13.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.516+/-54.240 χ^2/NDF : 17.2/15

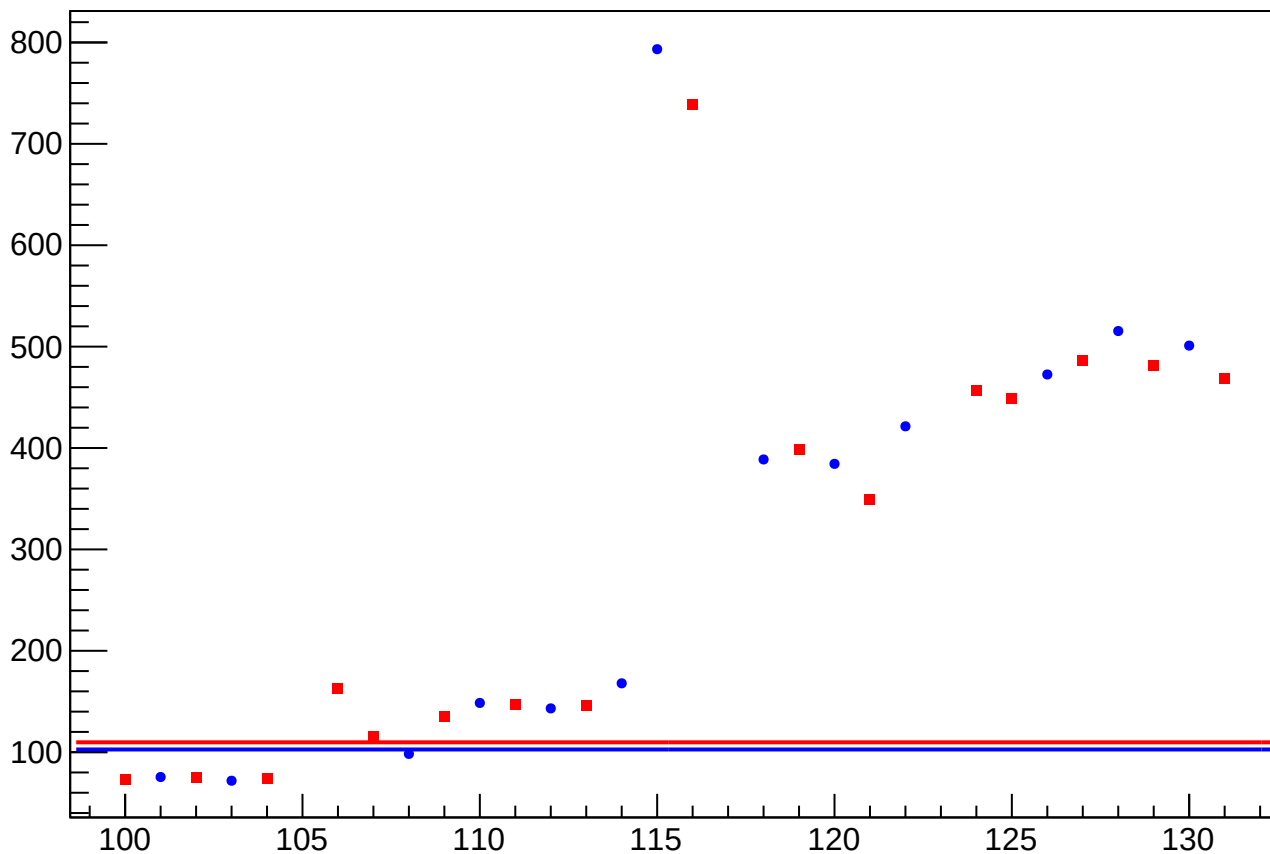
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.415+/-38.565 χ^2/NDF : 30.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_dit_correction_rms vs Slug



Right In: 102.681+/-0.039 χ^2/NDF : 4035616.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.743+/-0.038 χ^2/NDF : 4248415.9/15

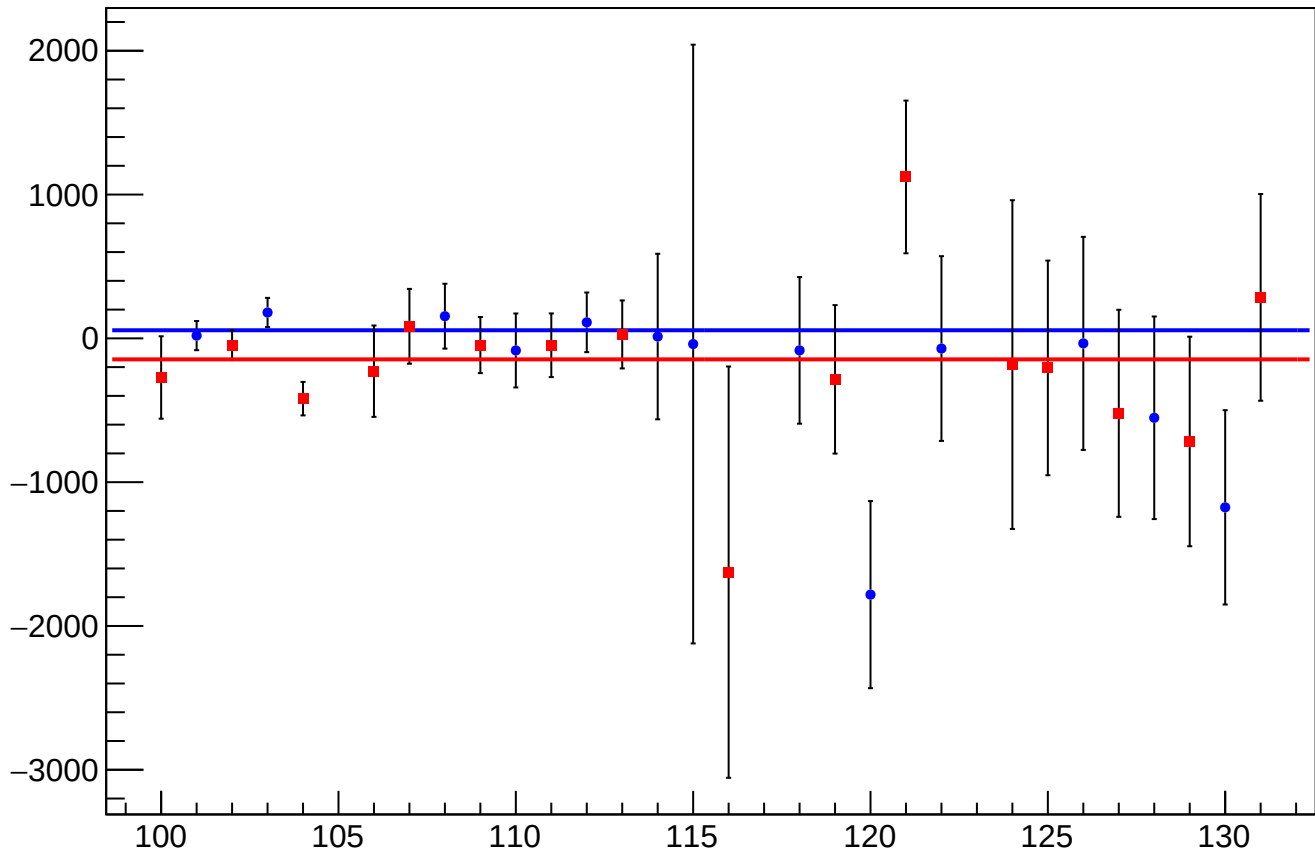
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.251+/-0.027 χ^2/NDF : 8300793.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_mean vs Slug



Right In: 56.359+/-60.835 χ^2/NDF : 14.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -146.027+/-59.278 χ^2/NDF : 16.5/15

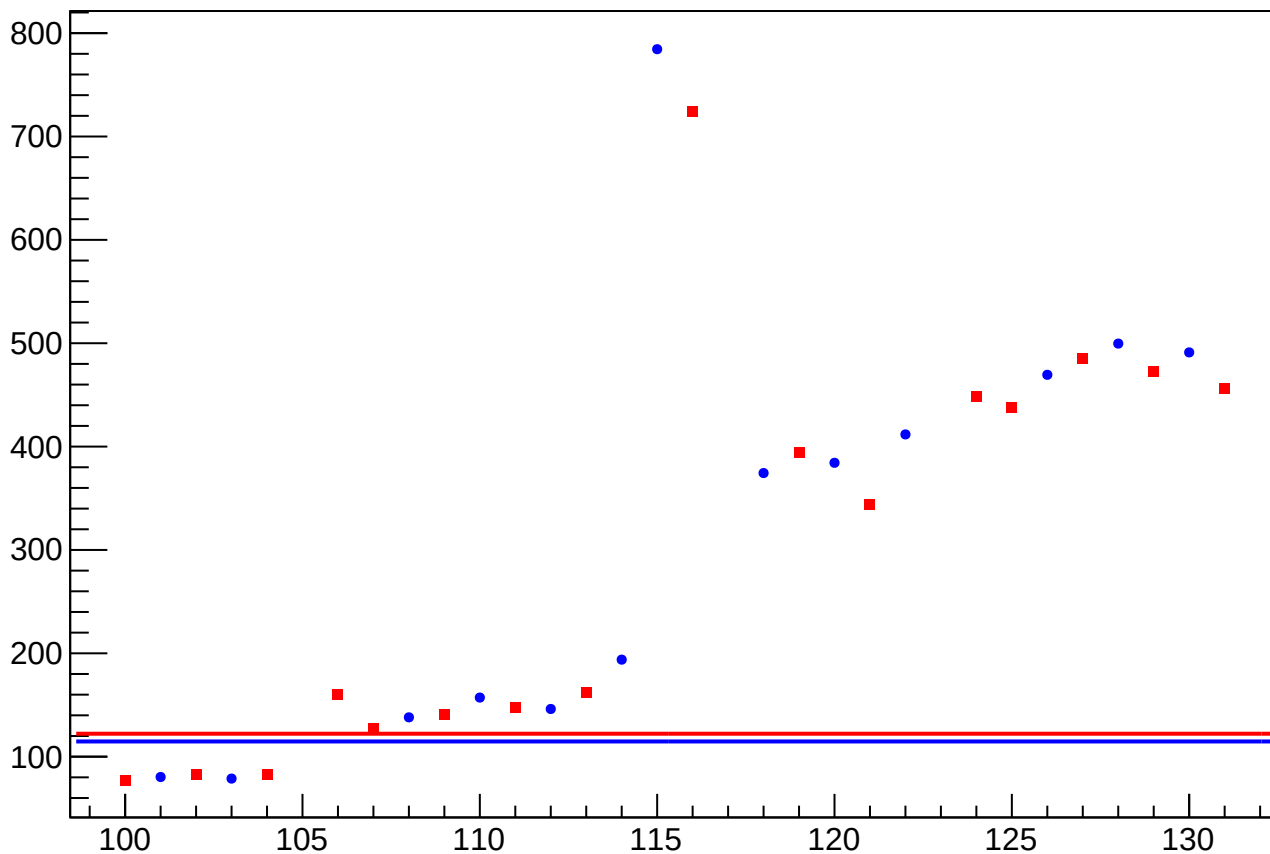
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.456+/-42.456 χ^2/NDF : 36.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_rms vs Slug



Right In: 114.710+/-0.043 χ^2/NDF : 3814106.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.207+/-0.042 χ^2/NDF : 3878375.4/15

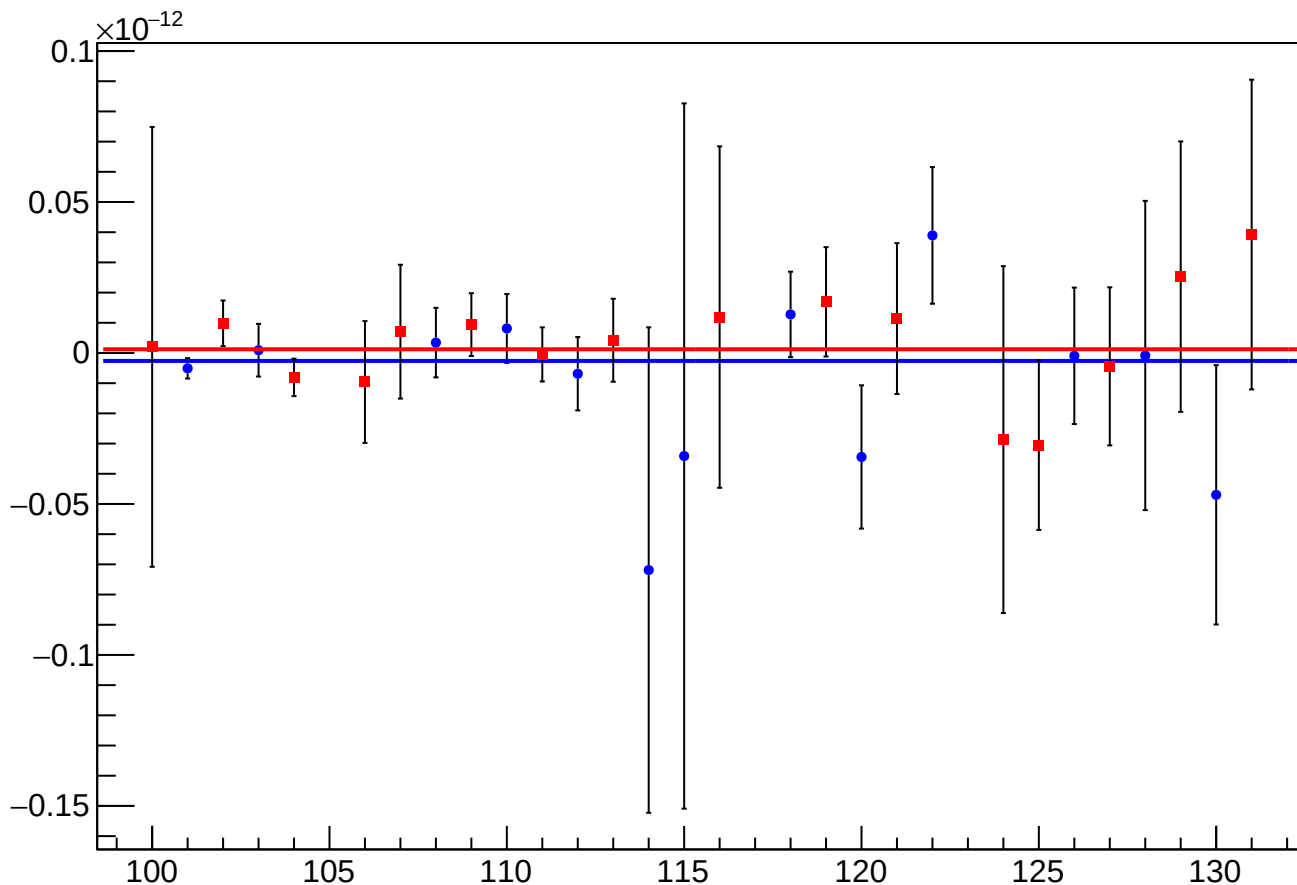
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.556+/-0.030 χ^2/NDF : 7708065.2/28

- 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: 10.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.0/15

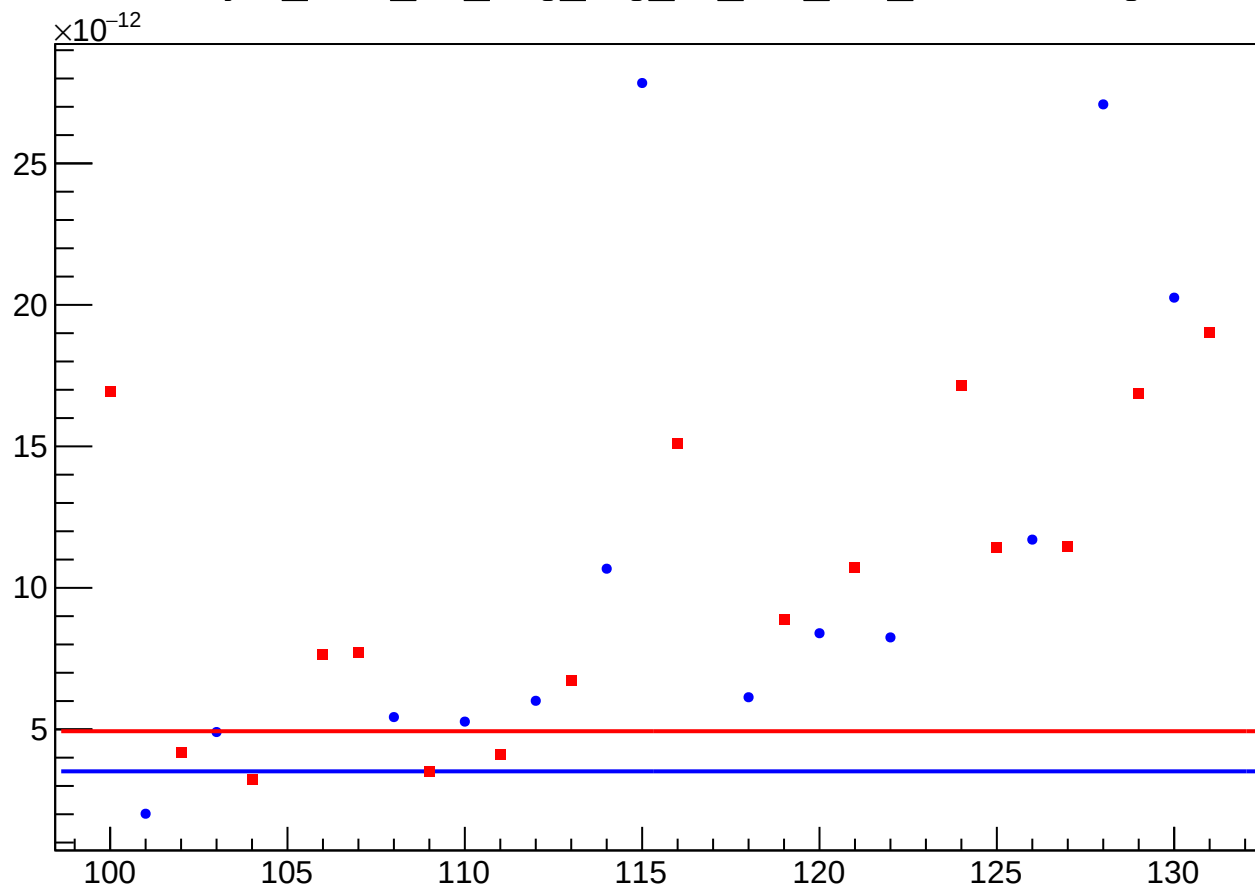
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 19.0/28

- 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 : 1964433.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1266253.3/15

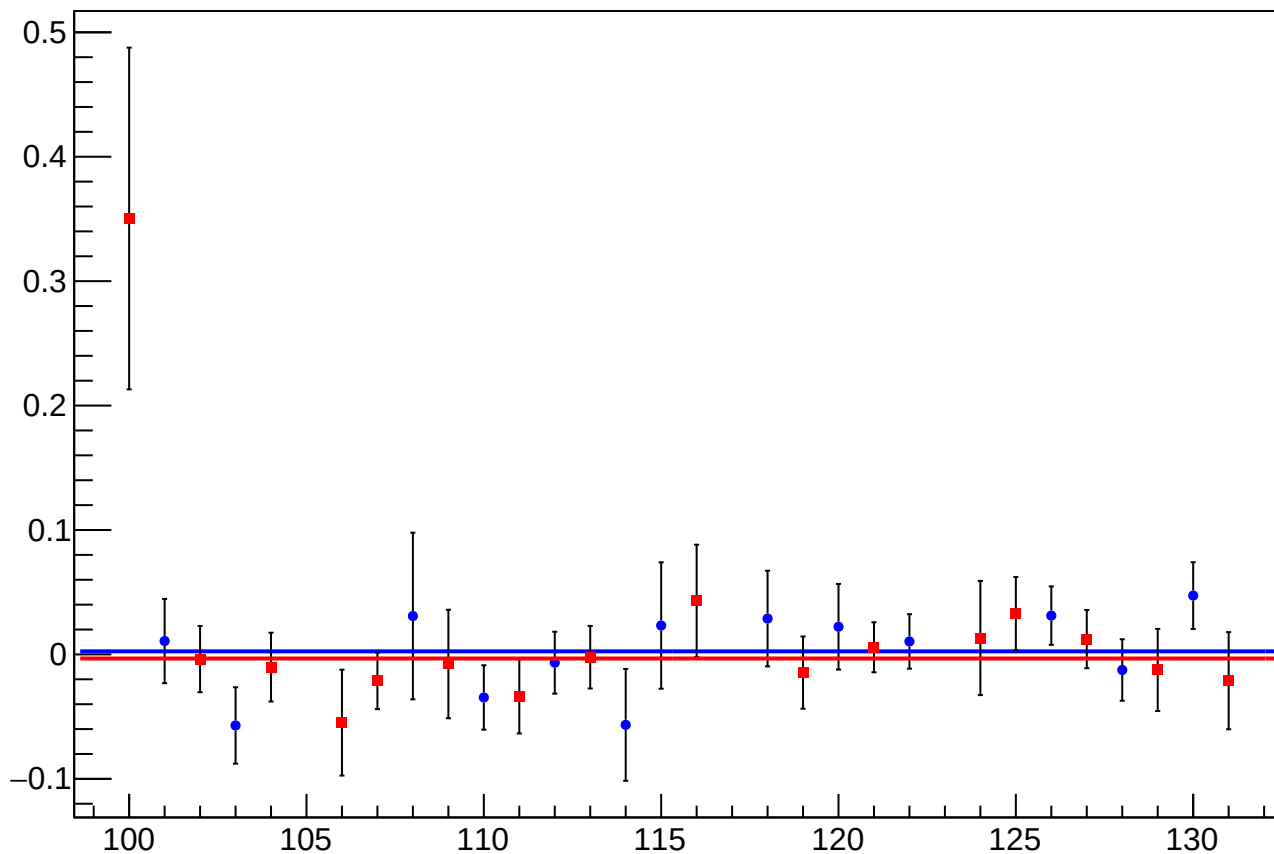
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3438712.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.008 χ^2 /NDF: 13.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.003 $\pm$ 0.008 χ^2 /NDF: 13.6/15

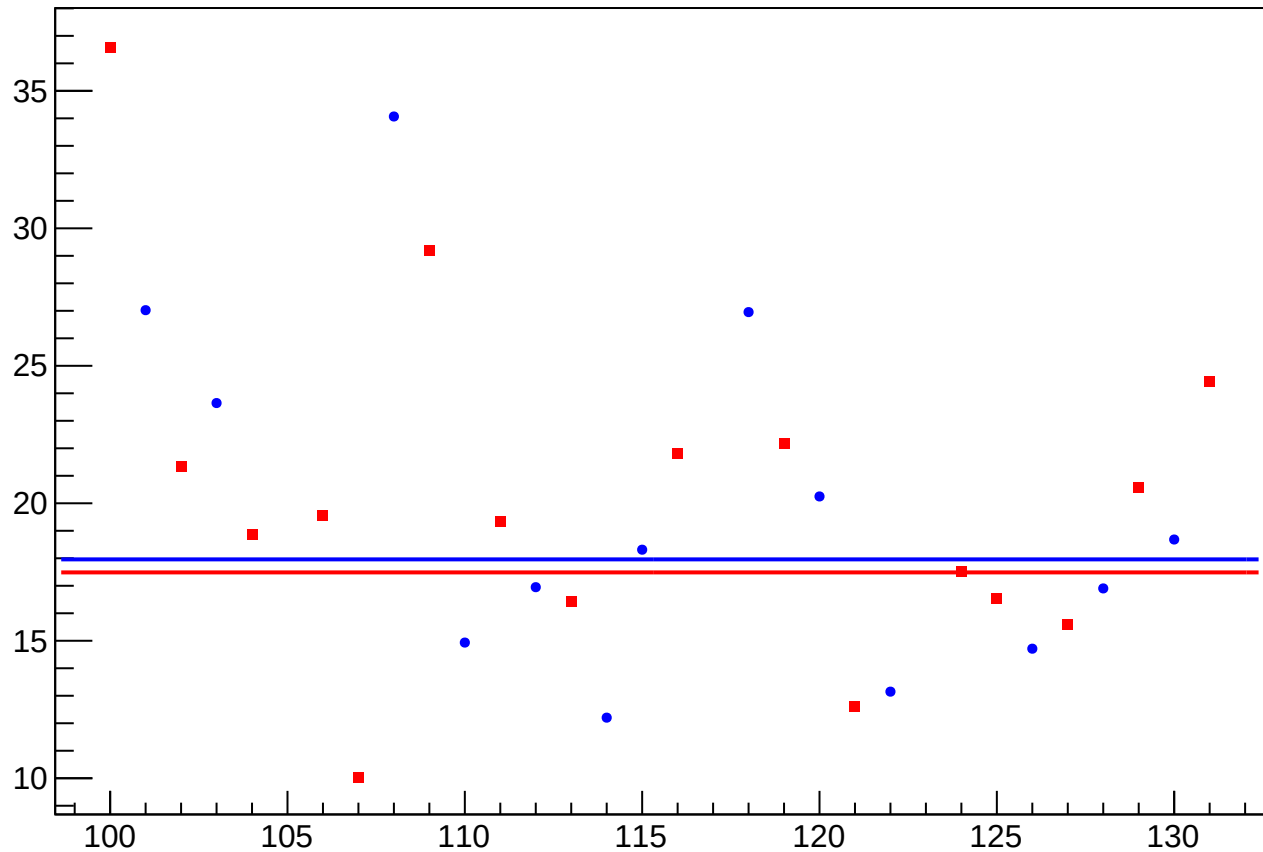
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.006 χ^2 /NDF: 27.5/28

- 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: 17.960+/-0.006 χ^2/NDF : 649256.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.486+/-0.005 χ^2/NDF : 744987.0/15

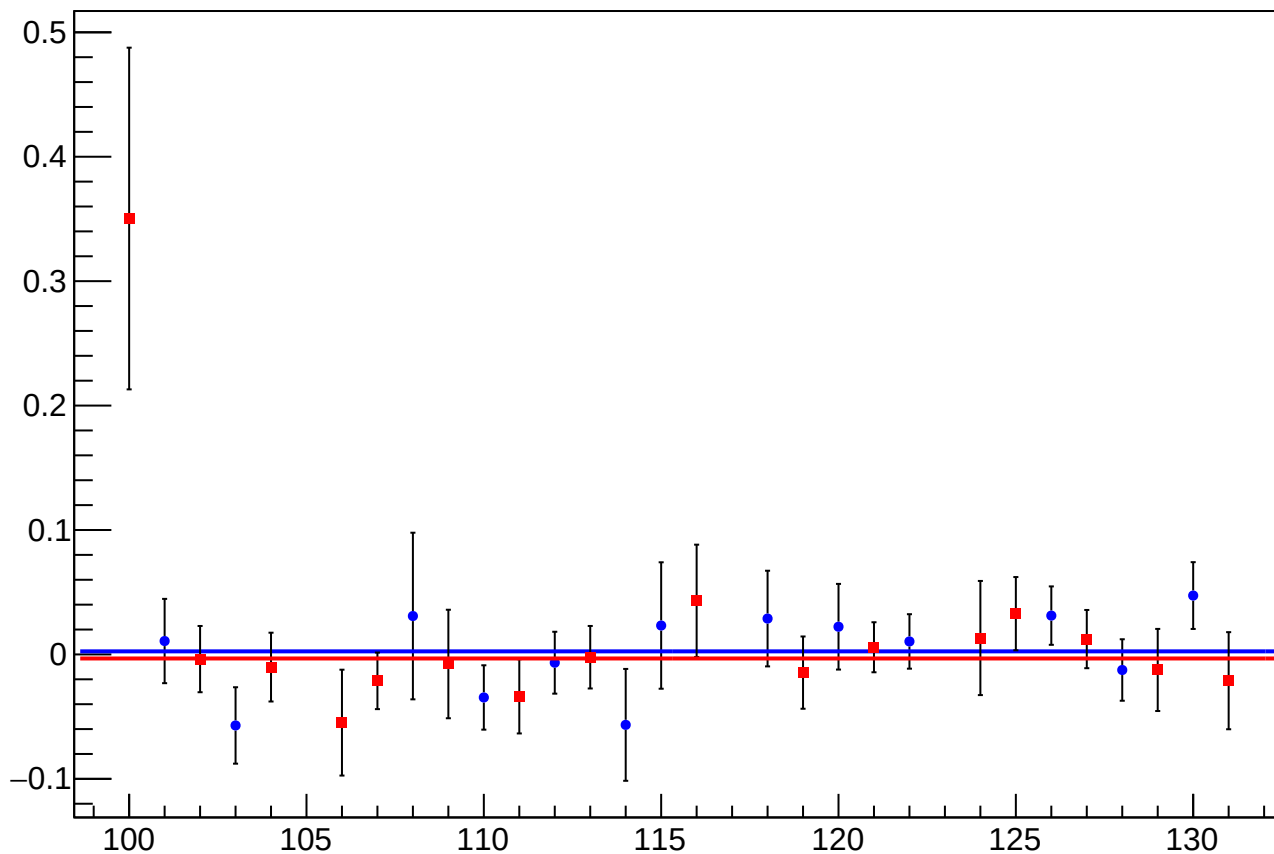
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.700+/-0.004 χ^2/NDF : 1397835.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.002+/-0.008 χ^2/NDF : 13.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.008 χ^2/NDF : 13.6/15

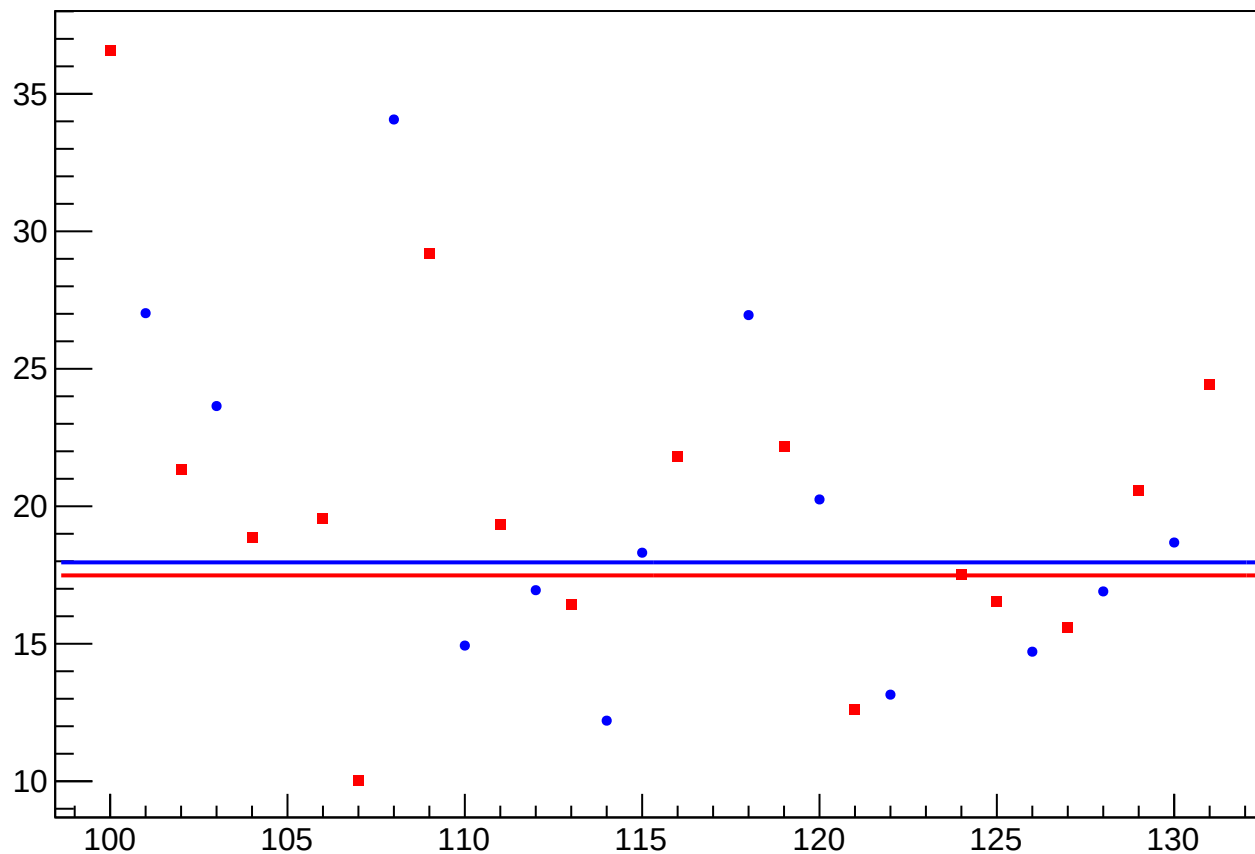
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.006 χ^2/NDF : 27.5/28

- 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: 17.960 $\pm$ 0.006 χ^2 /NDF: 649256.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.486 $\pm$ 0.005 χ^2 /NDF: 744987.0/15

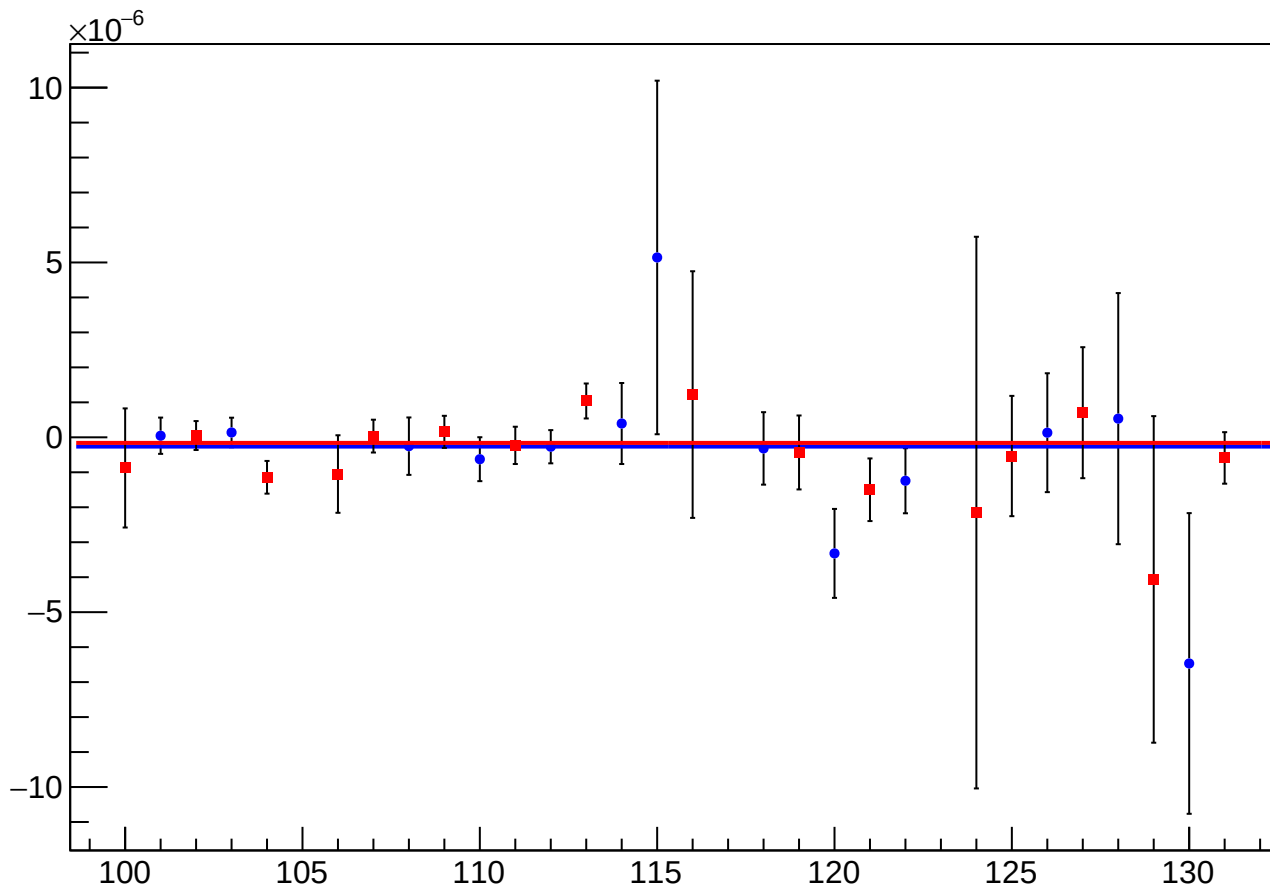
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.700 $\pm$ 0.004 χ^2 /NDF: 1397835.4/28

- 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: 12.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.7/15

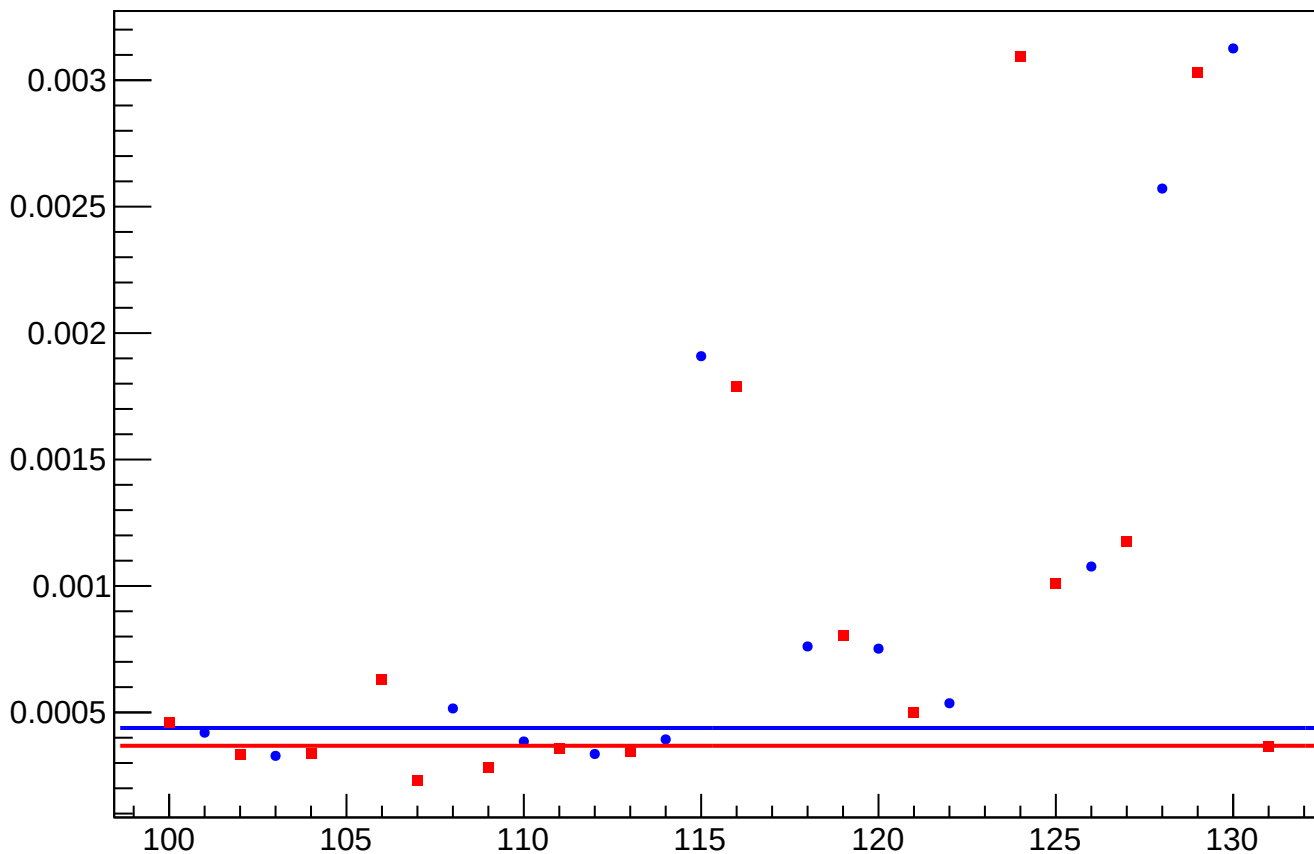
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 28.0/28

- 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 : 2543145.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2638667.4/15

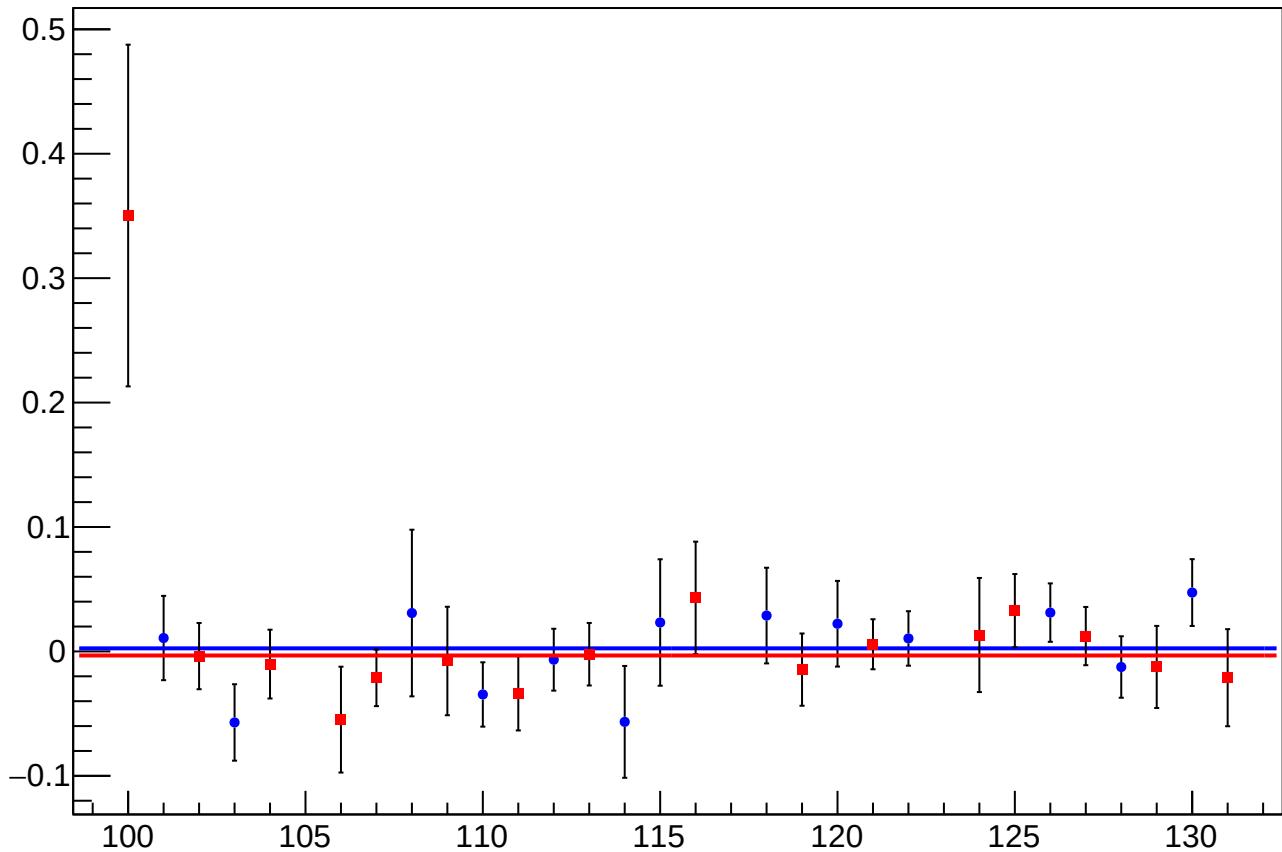
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5311942.5/28

- 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: 0.002 $\pm$ 0.008 χ^2 /NDF: 13.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.003 $\pm$ 0.008 χ^2 /NDF: 13.6/15

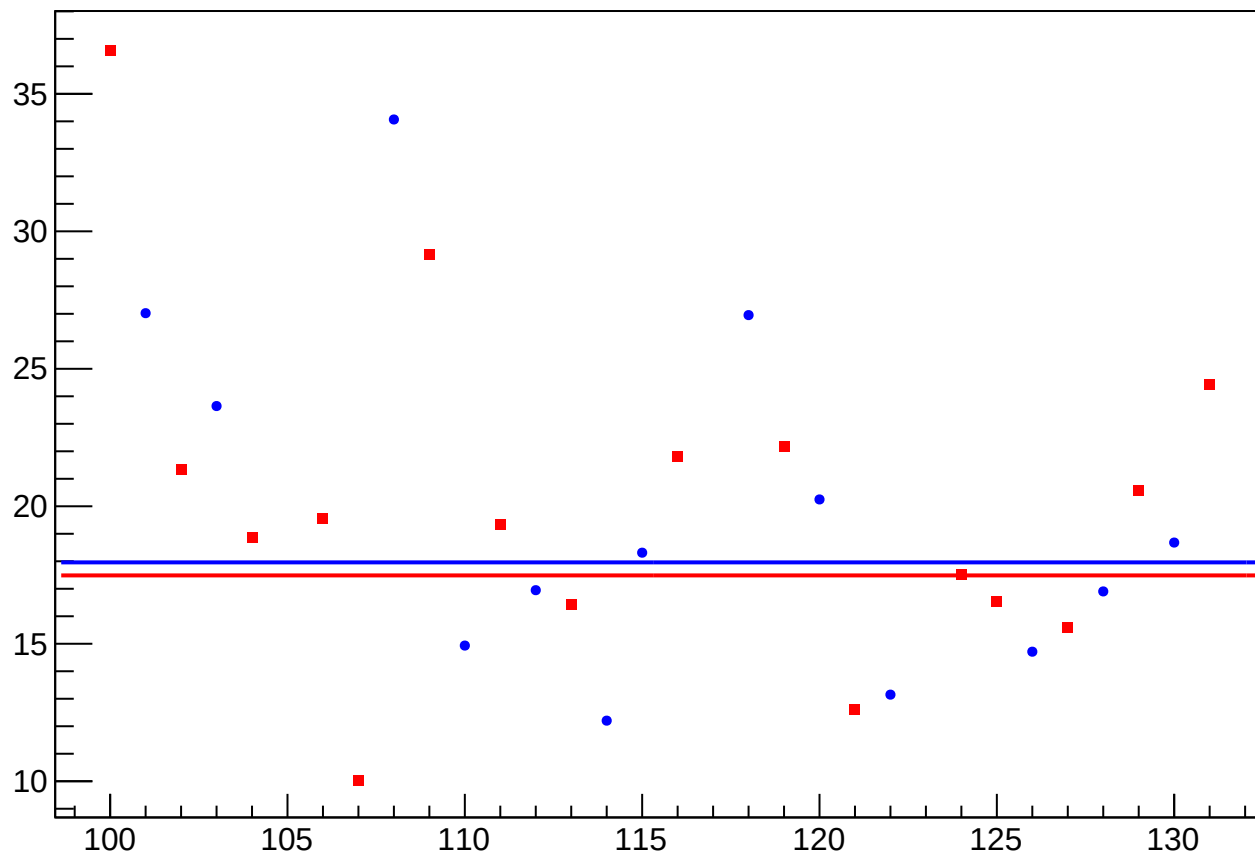
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.006 χ^2 /NDF: 27.5/28

- 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: 17.960 $\pm$ 0.006 χ^2 /NDF: 649251.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.486 $\pm$ 0.005 χ^2 /NDF: 744985.6/15

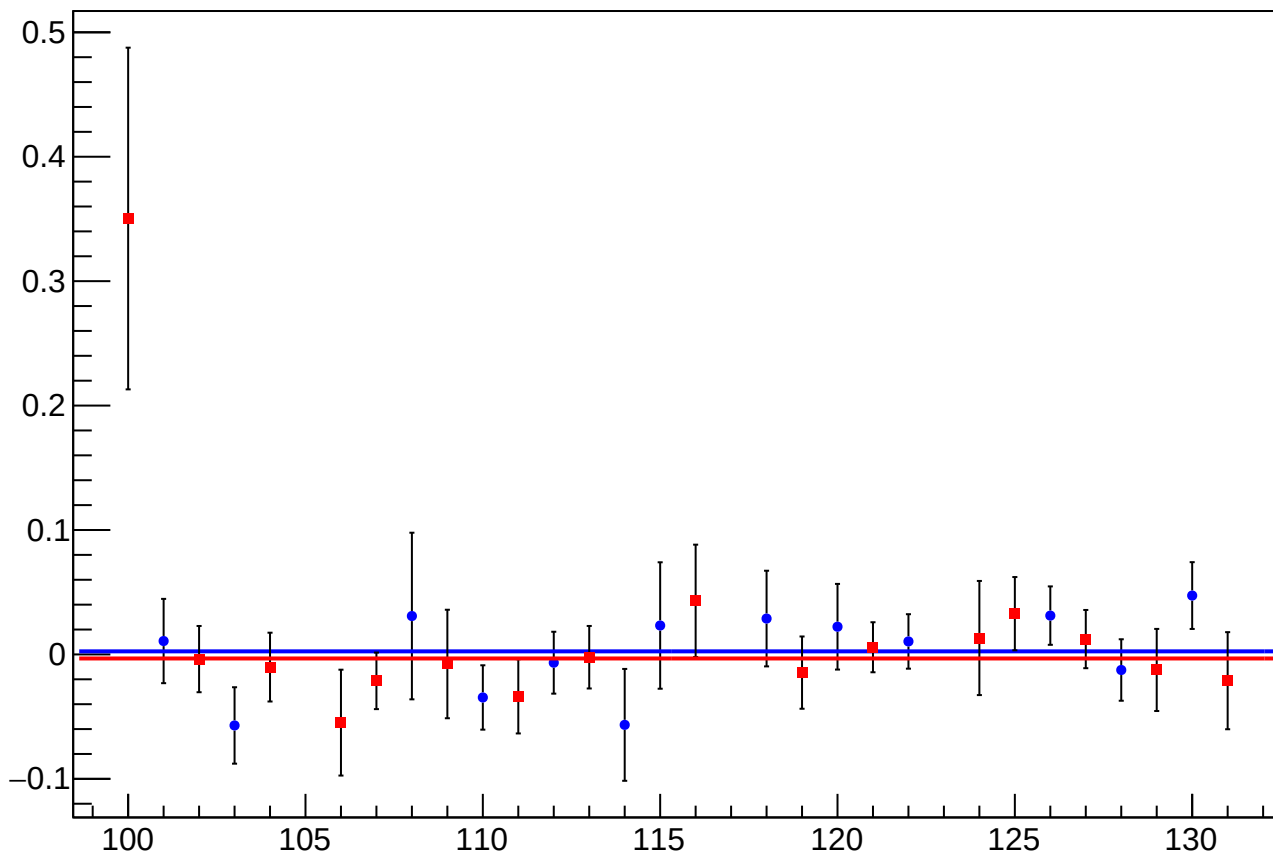
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.700 $\pm$ 0.004 χ^2 /NDF: 1397828.8/28

- 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: 0.002 $\pm$ 0.008 χ^2 /NDF: 13.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.003 $\pm$ 0.008 χ^2 /NDF: 13.6/15

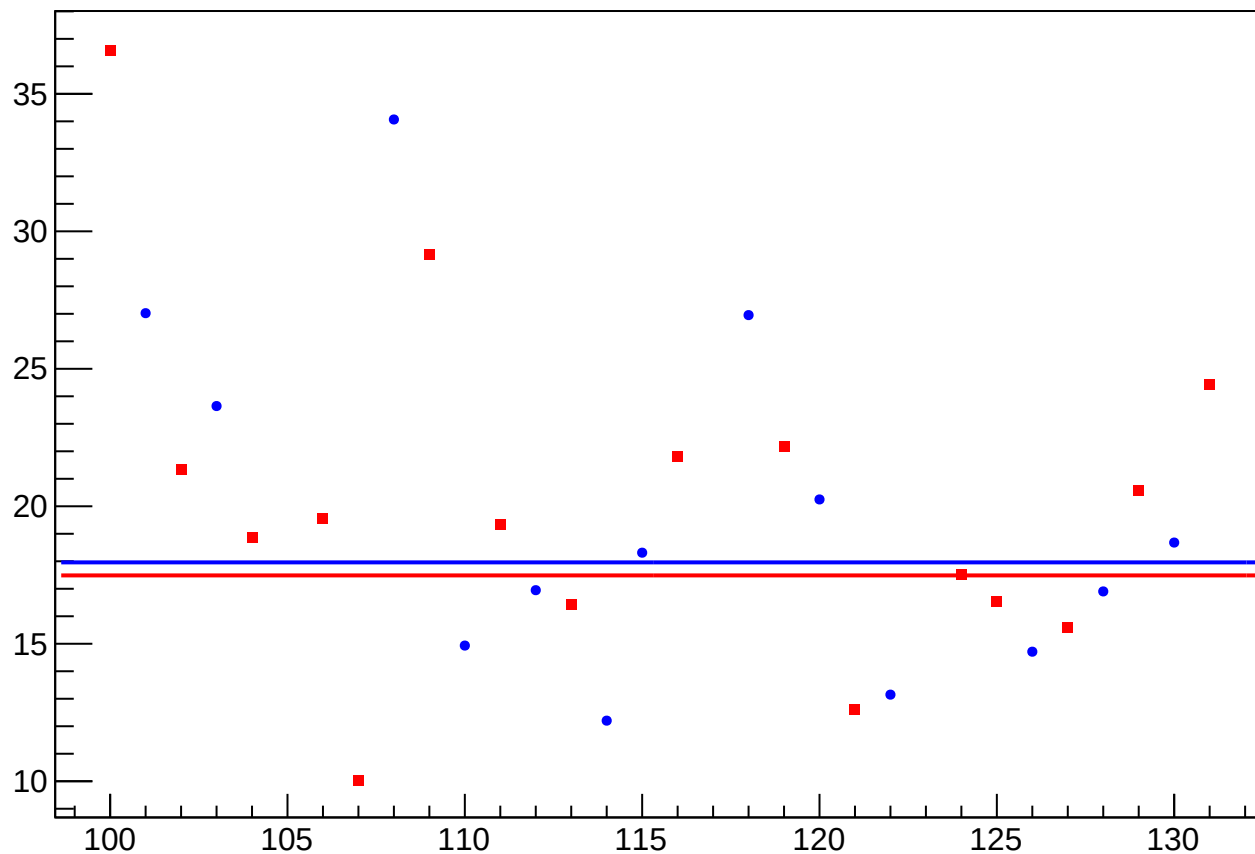
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.006 χ^2 /NDF: 27.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 17.960 $\pm$ 0.006 χ^2 /NDF: 649251.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.486 $\pm$ 0.005 χ^2 /NDF: 744985.6/15

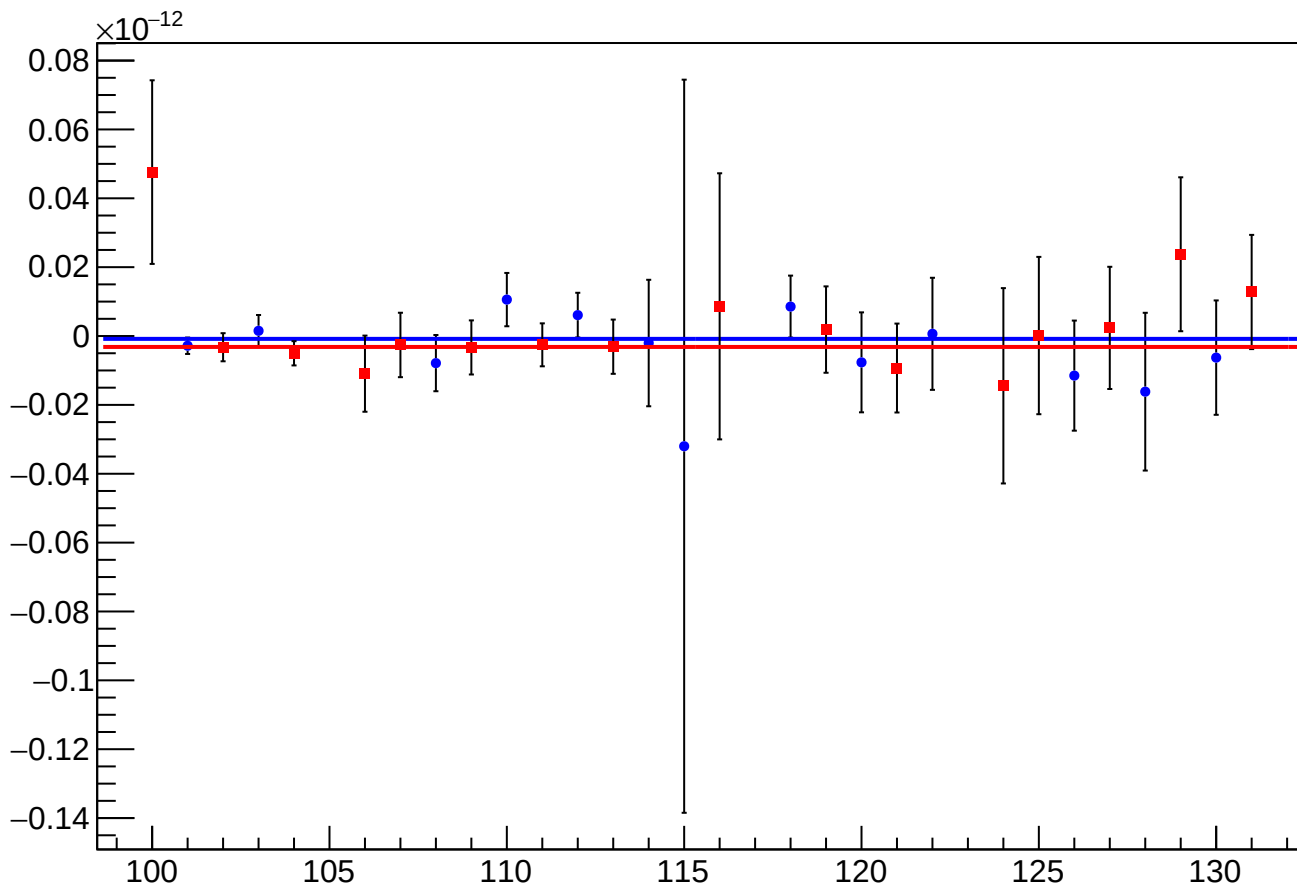
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.700 $\pm$ 0.004 χ^2 /NDF: 1397828.8/28

- 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: 7.4/12

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

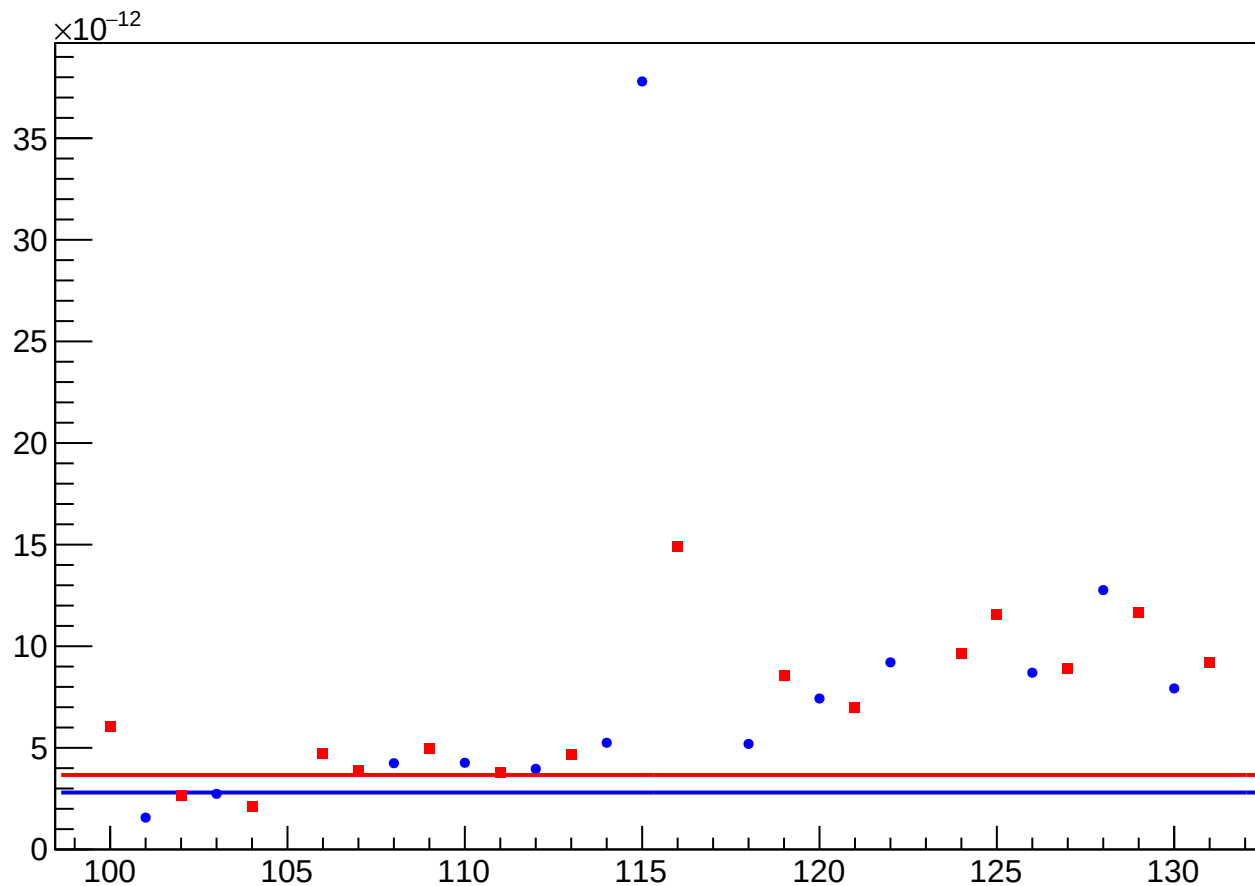
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.7/28

- 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 : 2481698.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2227855.2/15

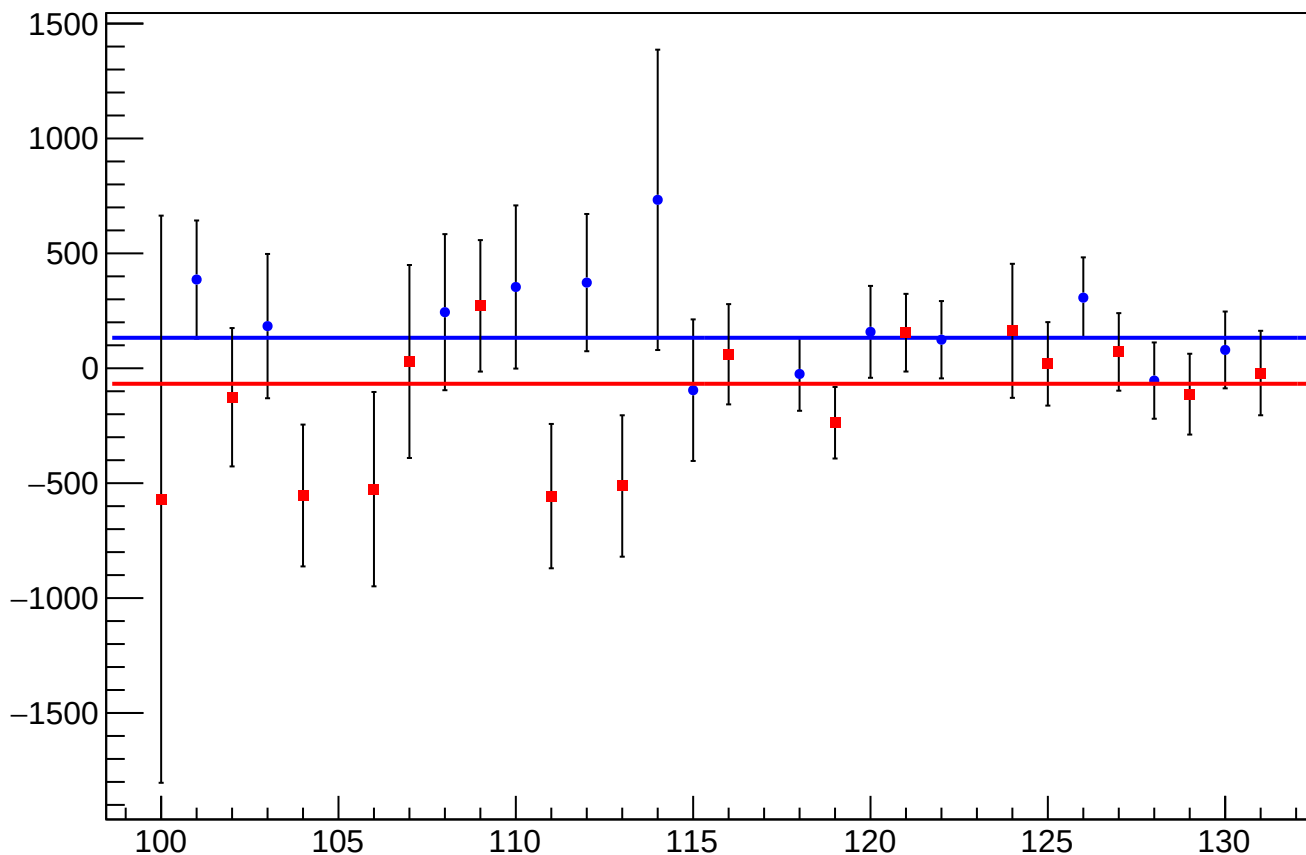
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4914681.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_mean vs Slug



Right In: 132.675 $\pm$ 60.868 χ^2 /NDF: 6.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -67.455 $\pm$ 57.465 χ^2 /NDF: 14.8/15

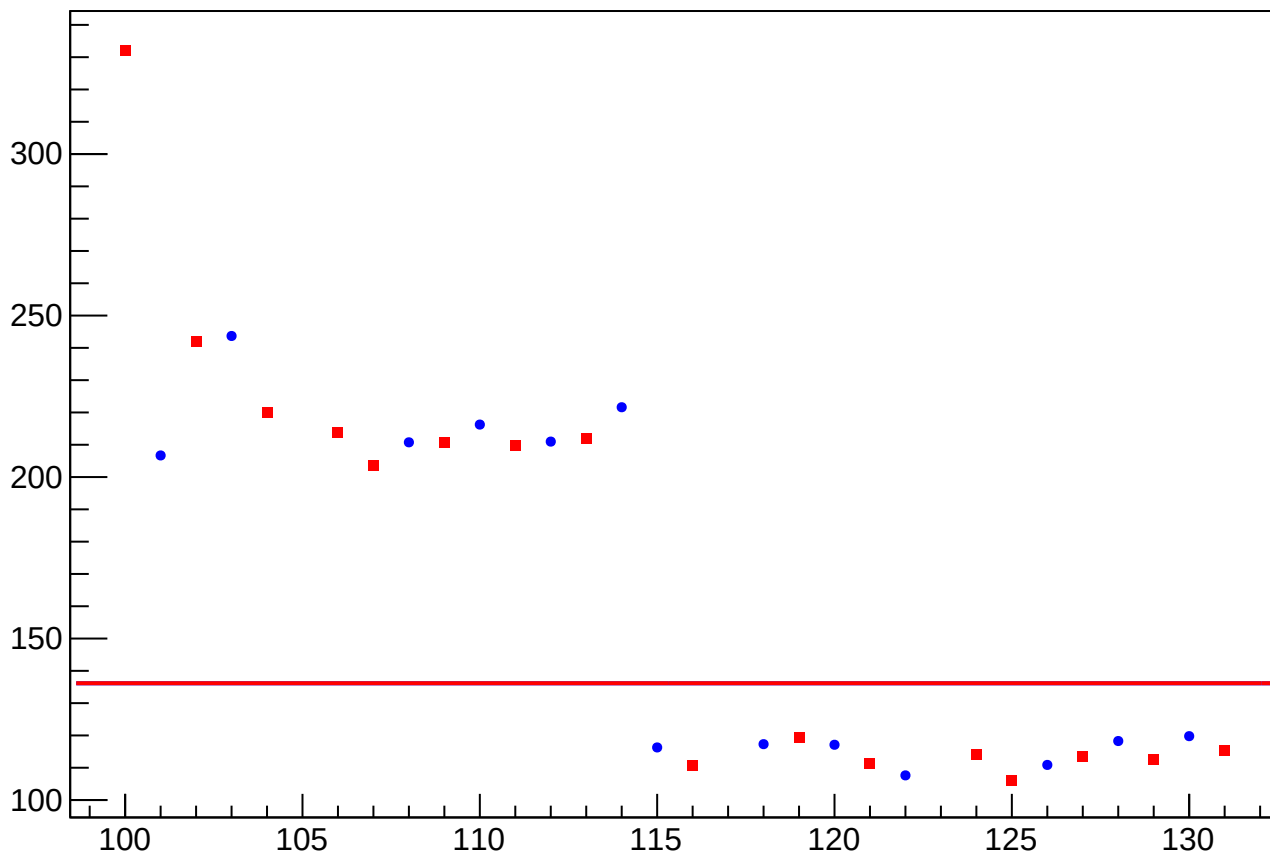
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26.859 $\pm$ 41.785 χ^2 /NDF: 27.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_avg_rms vs Slug



Right In: 136.137 $\pm$ 0.043 χ^2 /NDF: 938940.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 136.166 $\pm$ 0.041 χ^2 /NDF: 1187462.5/15

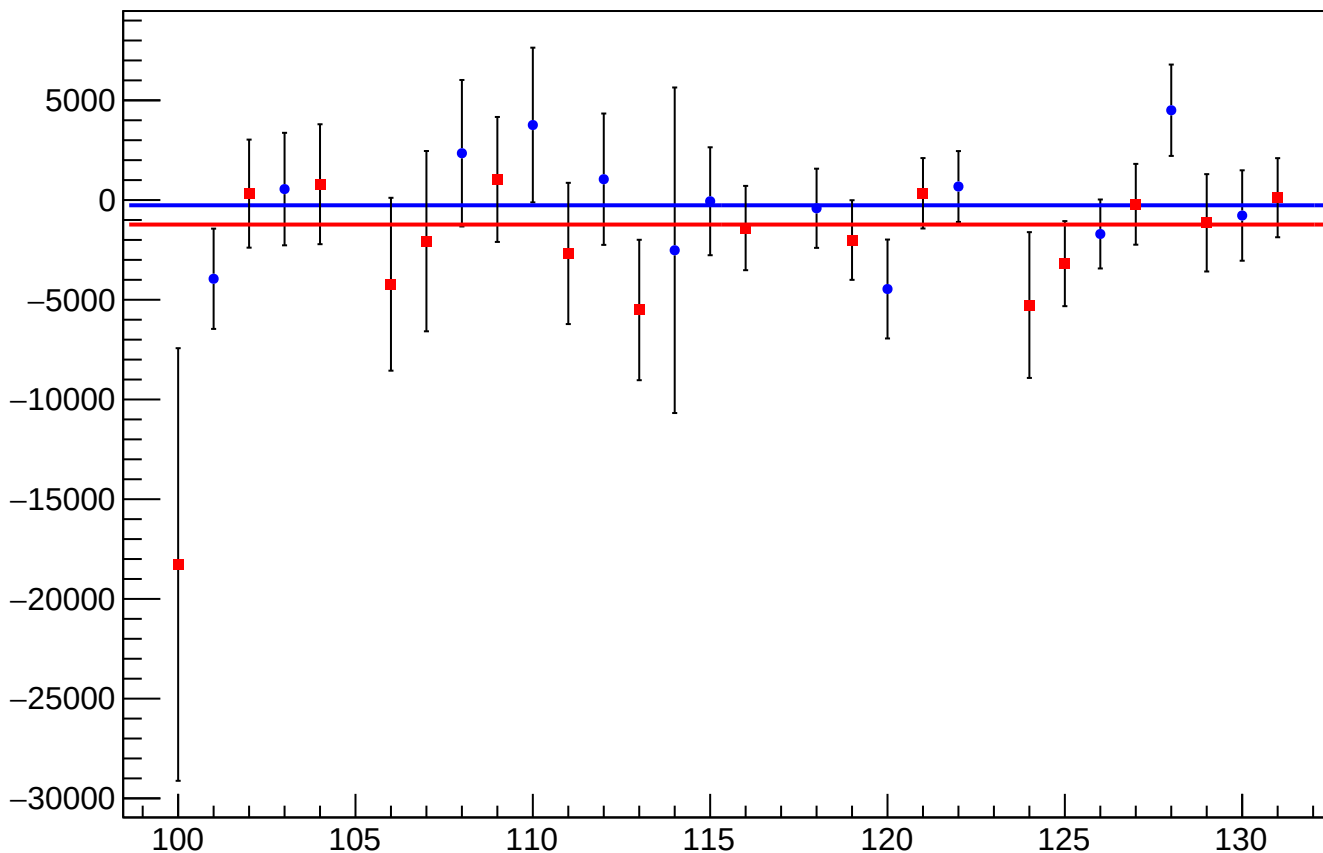
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 136.152 $\pm$ 0.030 χ^2 /NDF: 2126403.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_reg_correction_mean vs Slug



Right In: -262.769+/-686.630 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1228.812+/-648.759 χ^2/NDF : 9.7/15

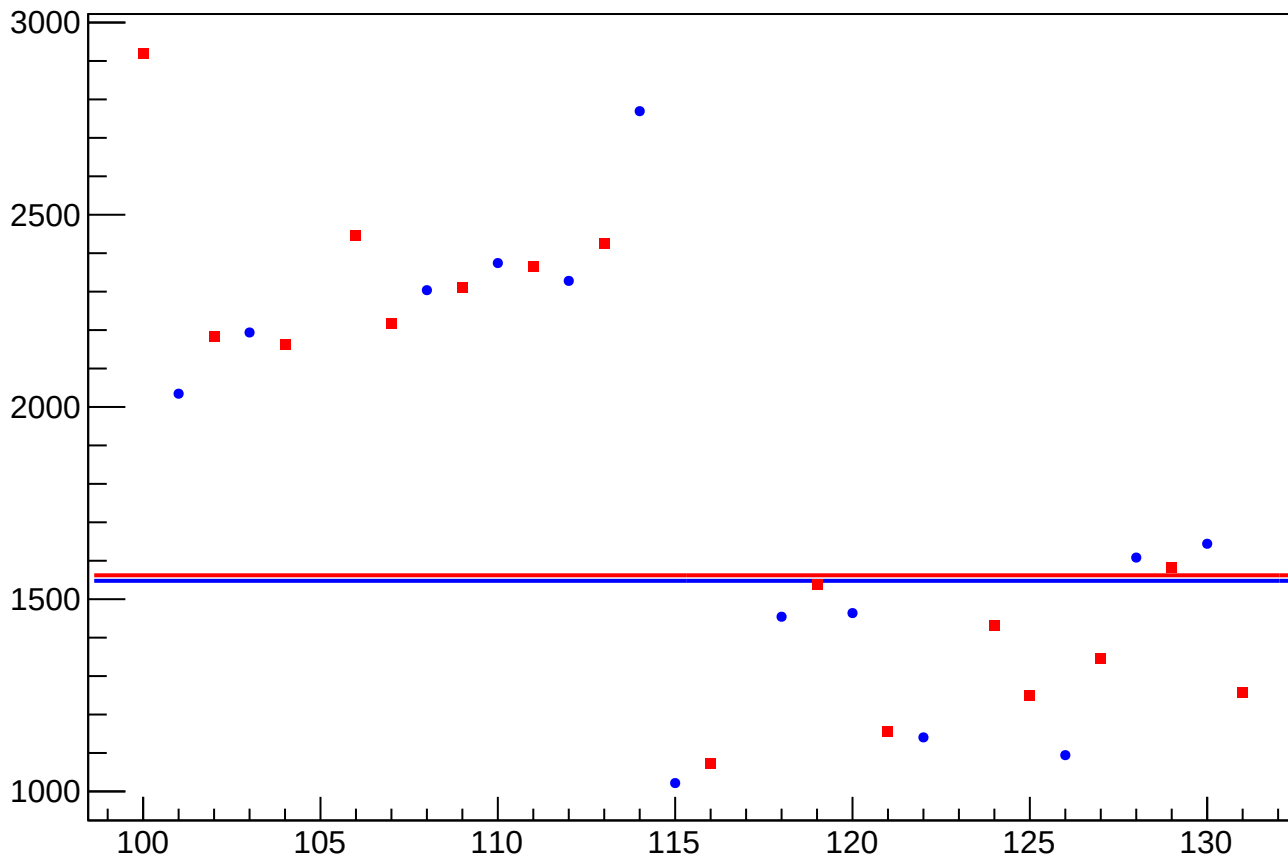
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -773.166+/-471.562 χ^2/NDF : 23.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_reg_correction_rms vs Slug



Right In: 1547.786+/-0.486 χ^2/NDF : 842490.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1562.169+/-0.459 χ^2/NDF : 1008668.5/15

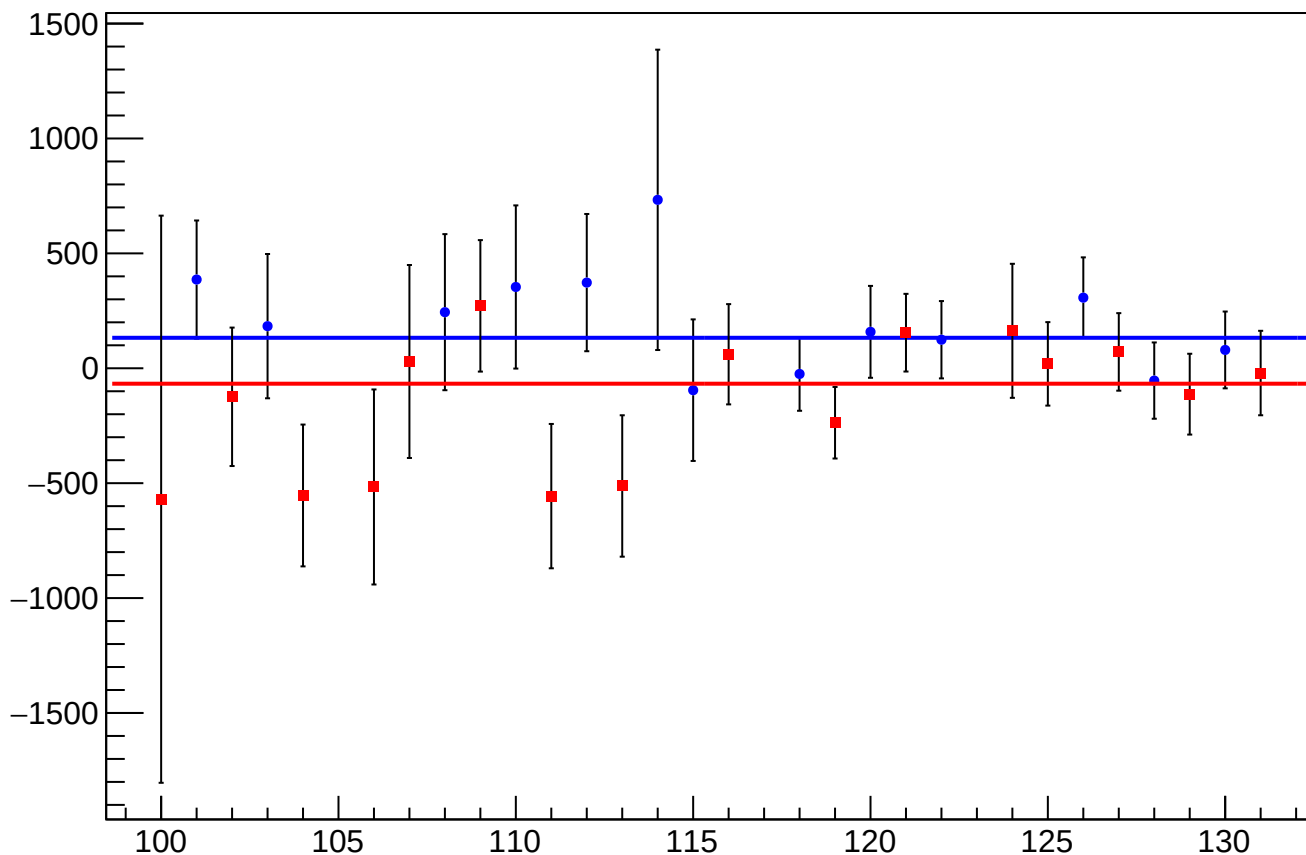
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1555.385+/-0.333 χ^2/NDF : 1851622.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_26_avg_mean vs Slug



Right In: 132.665 $\pm$ 60.868 χ^2 /NDF: 6.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -67.143 $\pm$ 57.470 χ^2 /NDF: 14.7/15

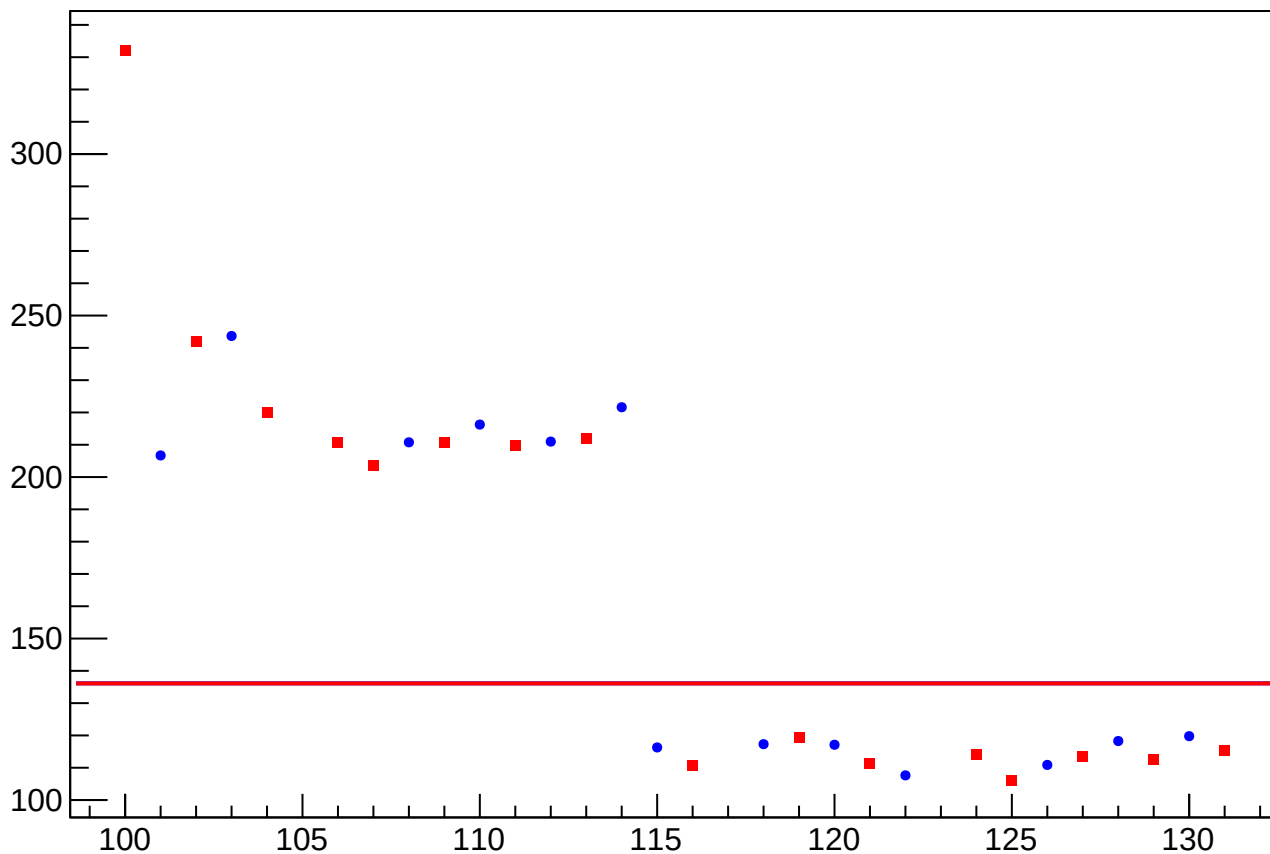
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.028 $\pm$ 41.787 χ^2 /NDF: 27.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_26_avg_rms vs Slug



Right In: 136.137+/-0.043 χ^2/NDF : 938943.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.100+/-0.041 χ^2/NDF : 1182097.6/15

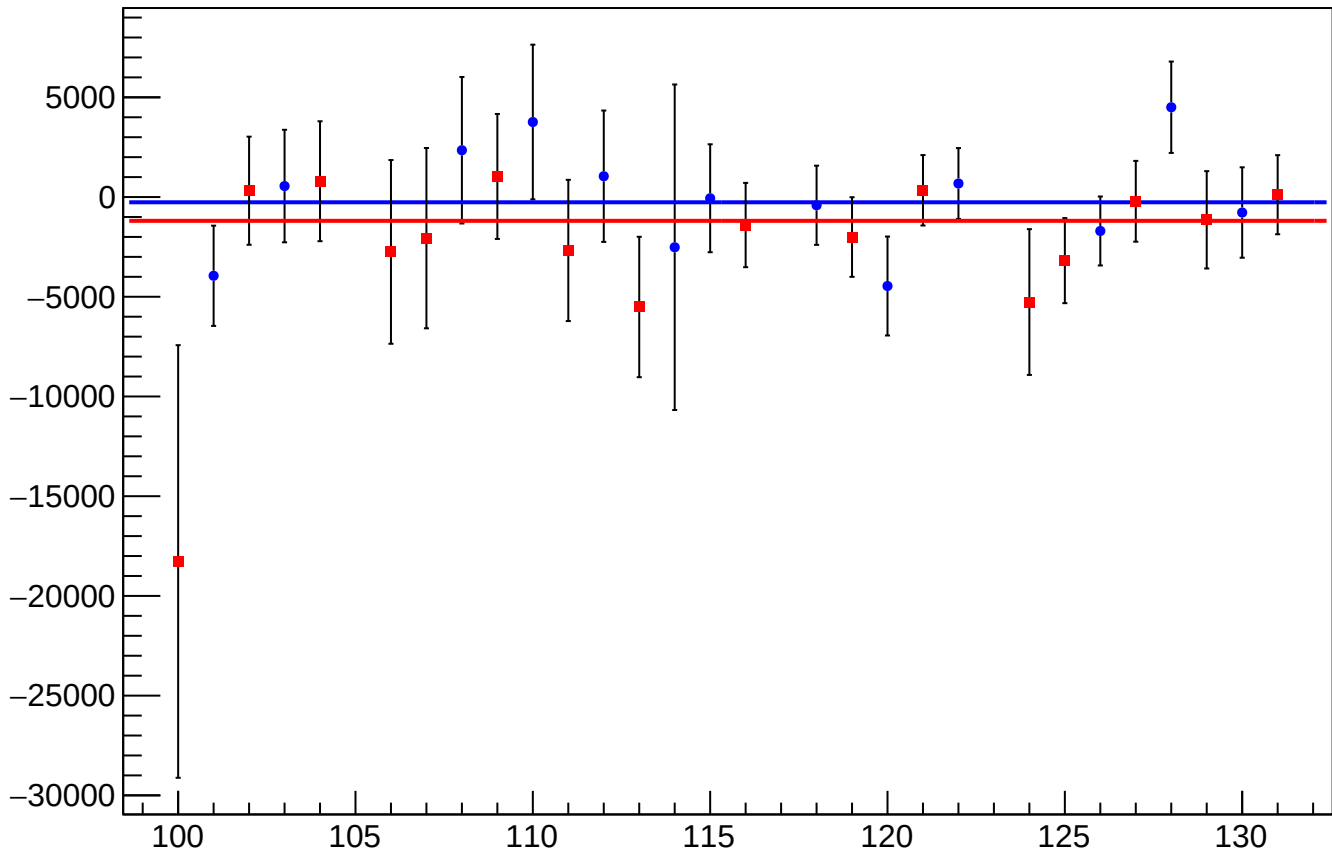
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.117+/-0.030 χ^2/NDF : 2121041.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_cor_correction_mean vs Slug



Right In: -262.711+/-686.632 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1192.262+/-649.620 χ^2/NDF : 9.3/15

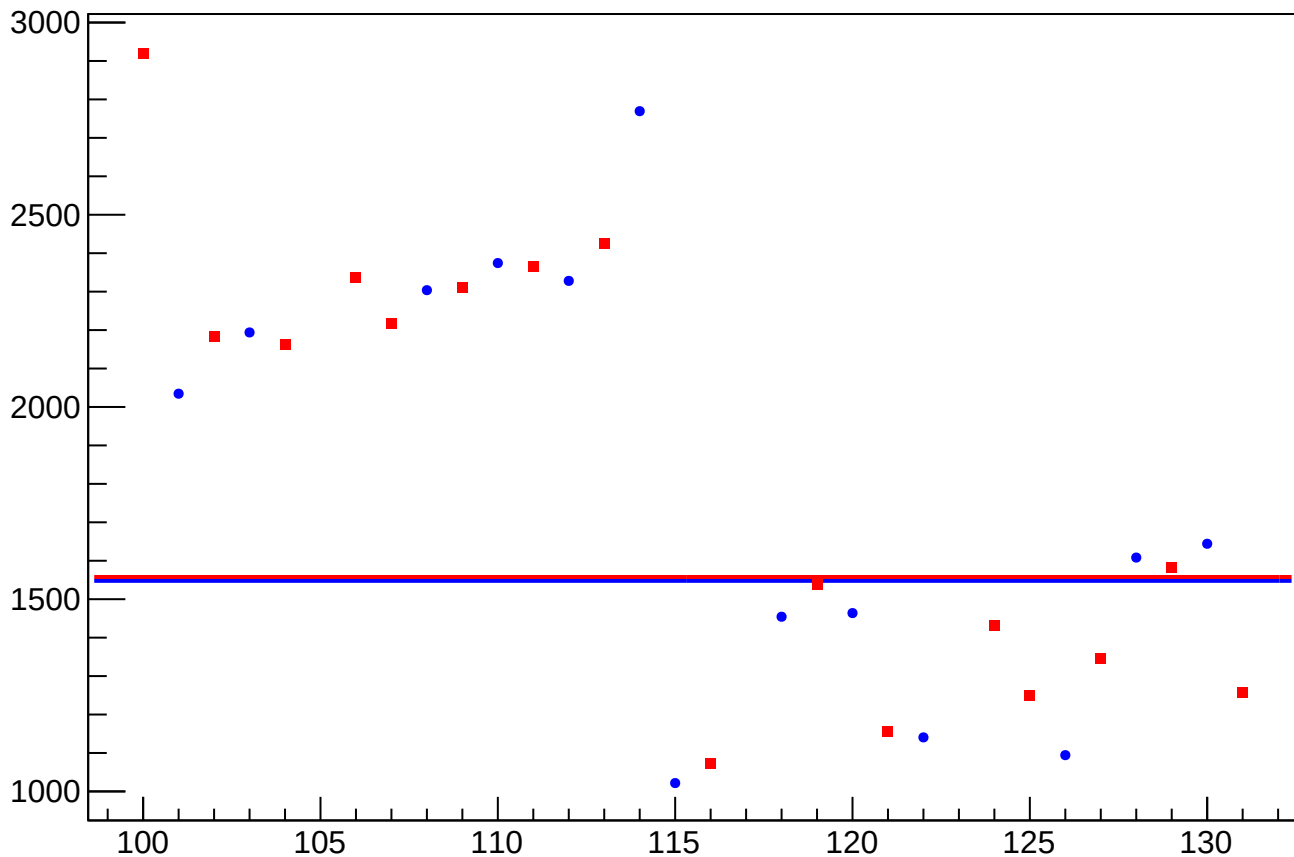
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -753.214+/-471.893 χ^2/NDF : 22.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_cor_correction_rms vs Slug



Right In: 1547.789+/-0.486 χ^2/NDF : 842517.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1557.755+/-0.459 χ^2/NDF : 982333.9/15

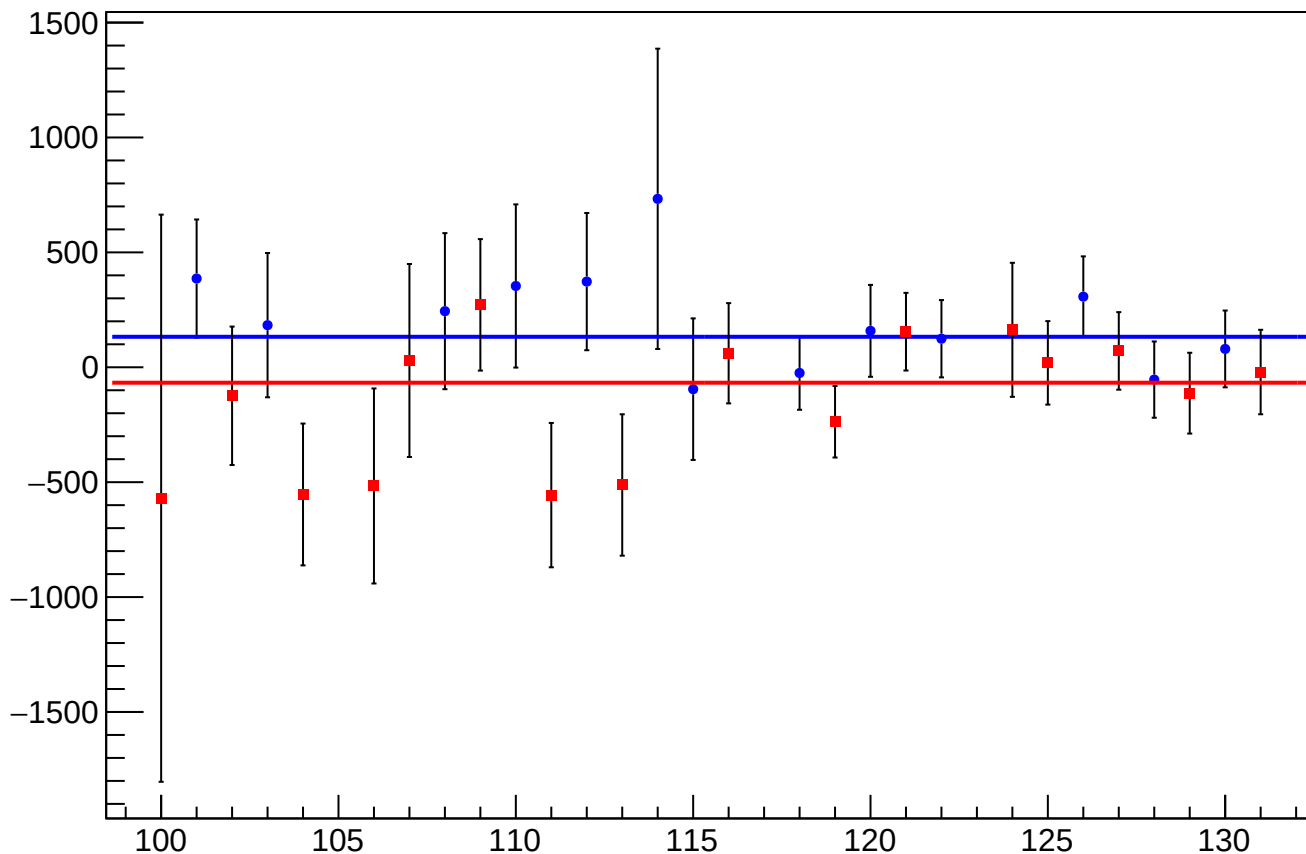
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1553.048+/-0.334 χ^2/NDF : 1825073.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_26_avg_mean vs Slug



Right In: 132.665 $\pm$ 60.868 χ^2 /NDF: 6.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -67.143 $\pm$ 57.470 χ^2 /NDF: 14.7/15

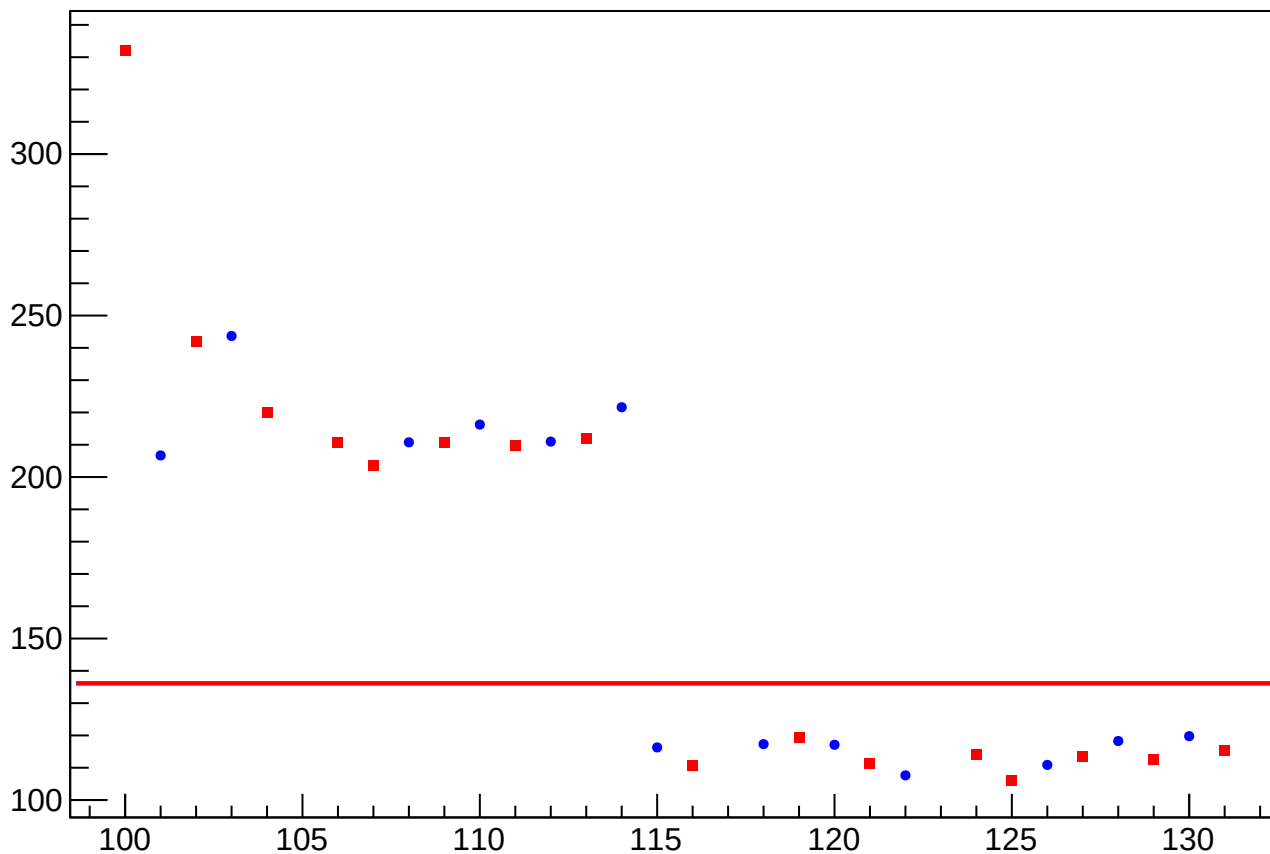
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.028 $\pm$ 41.787 χ^2 /NDF: 27.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_26_avg_rms vs Slug



Right In: 136.137 $\pm$ 0.043 χ^2 /NDF: 938943.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 136.100 $\pm$ 0.041 χ^2 /NDF: 1182097.6/15

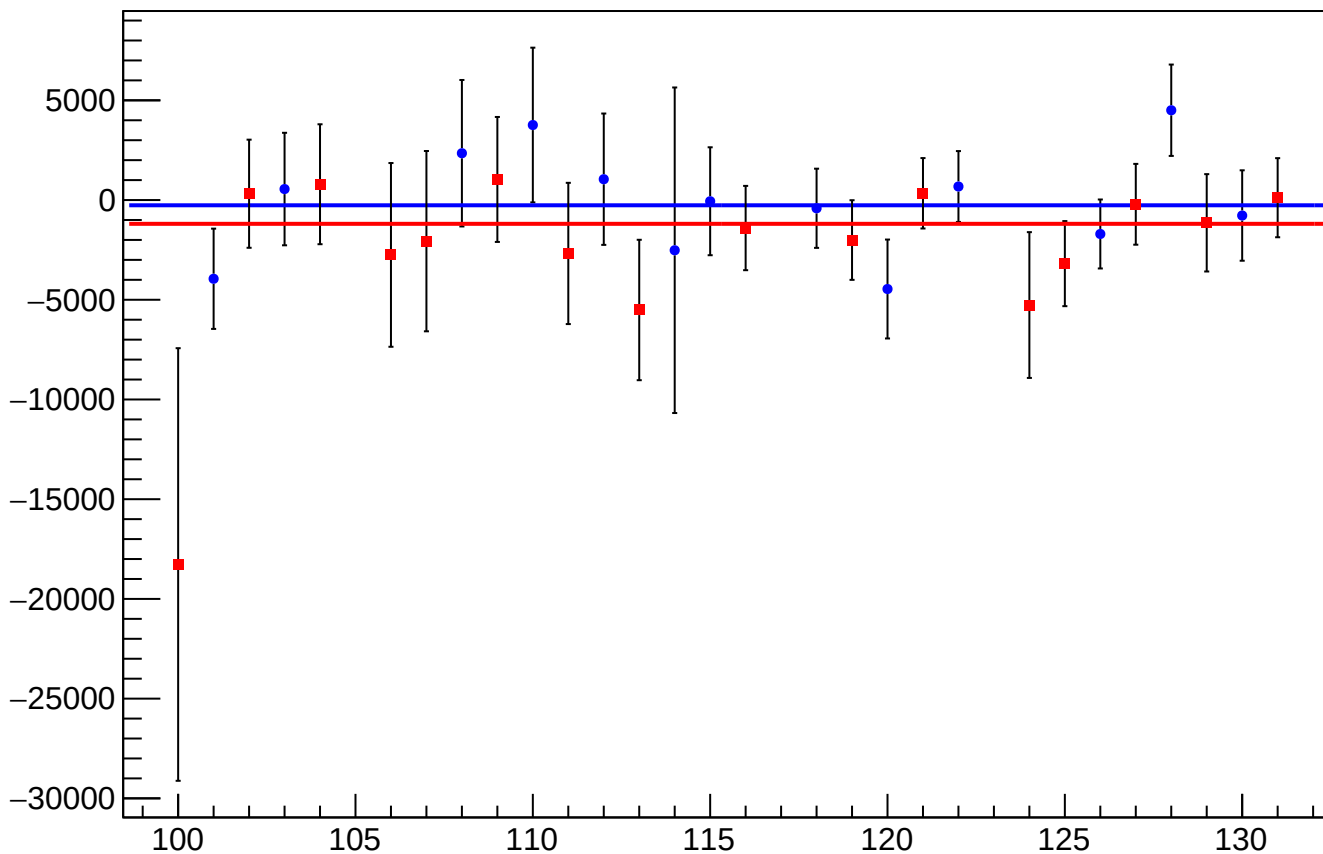
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 136.117 $\pm$ 0.030 χ^2 /NDF: 2121041.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_cor_correction_mean vs Slug



Right In: -262.711+/-686.632 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1192.262+/-649.620 χ^2/NDF : 9.3/15

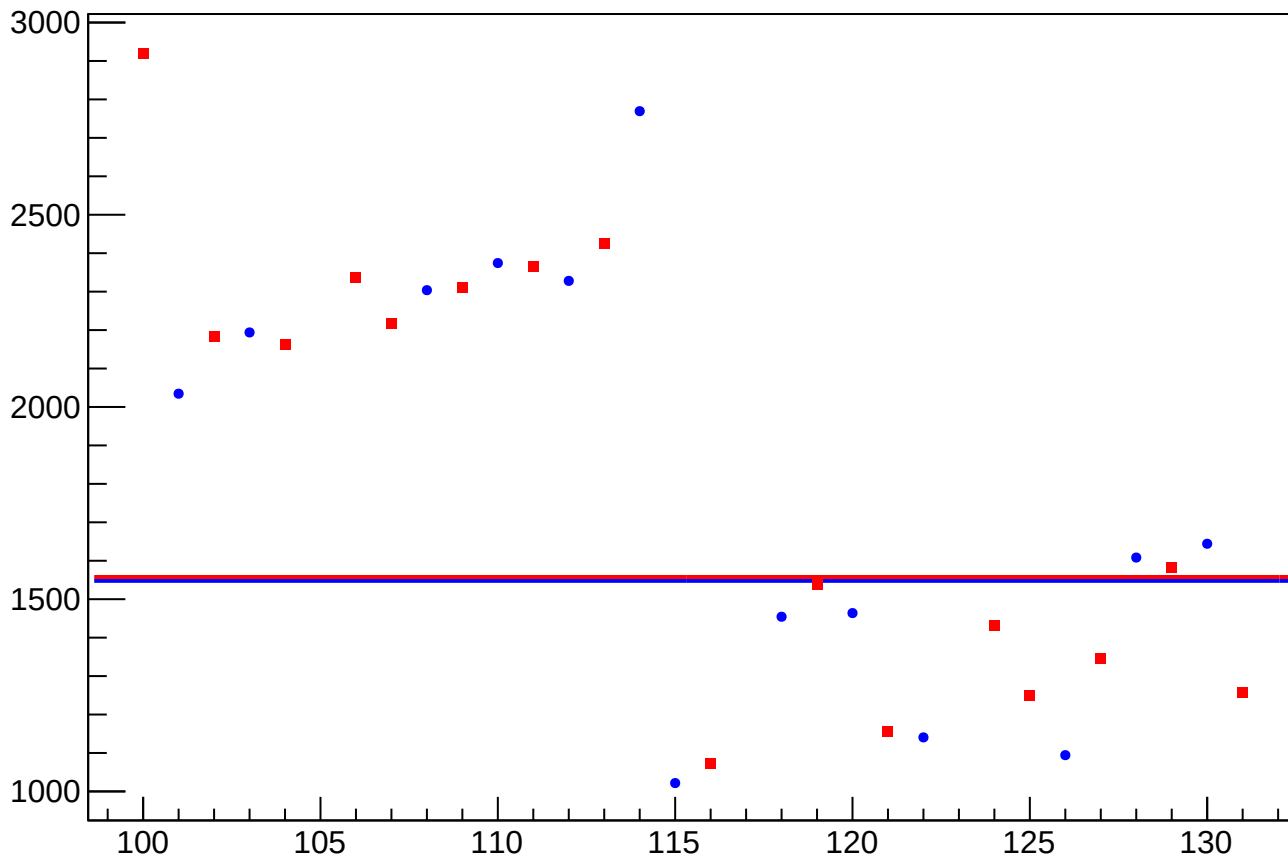
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -753.214+/-471.893 χ^2/NDF : 22.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_cor_correction_rms vs Slug



Right In: 1547.789+/-0.486 χ^2/NDF : 842517.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1557.755+/-0.459 χ^2/NDF : 982333.9/15

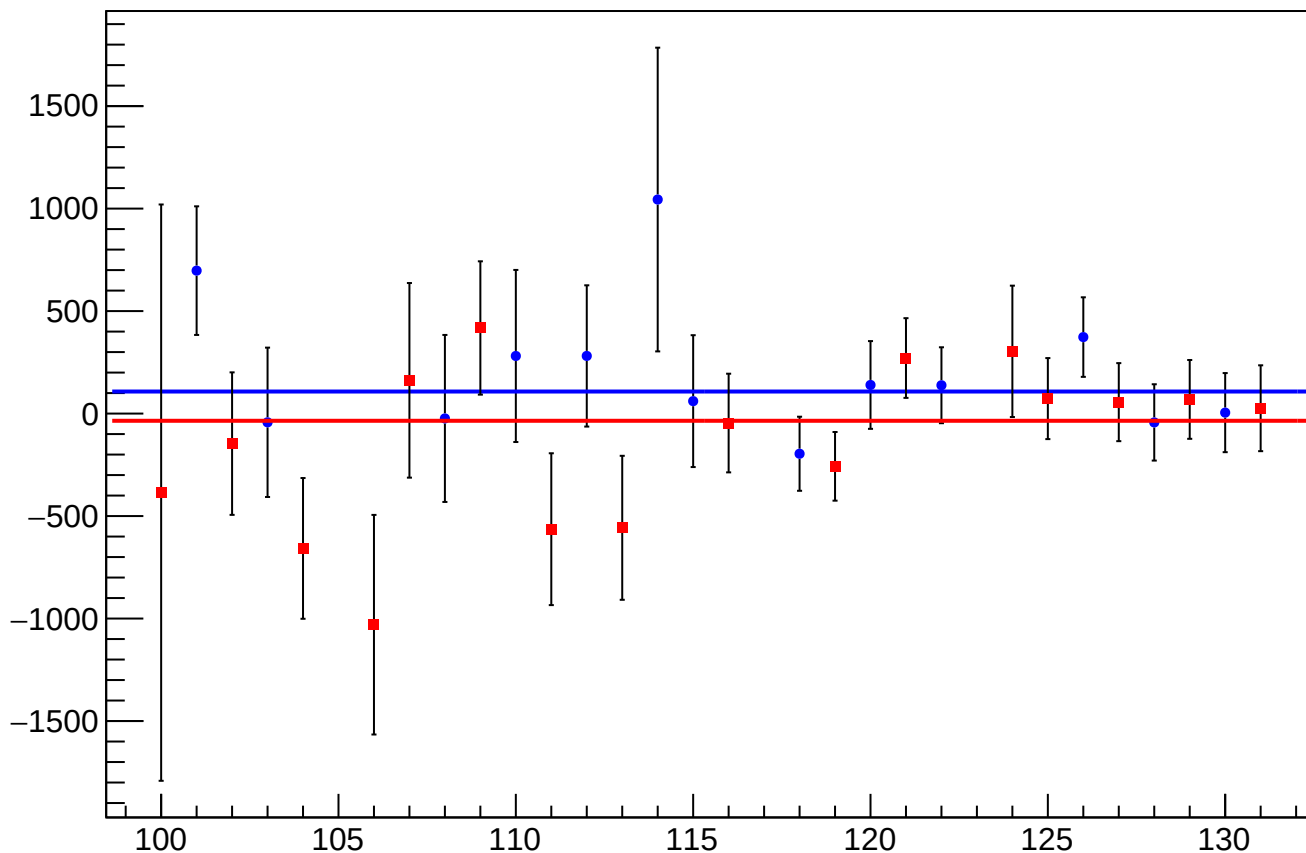
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1553.048+/-0.334 χ^2/NDF : 1825073.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_avg_mean vs Slug



Right In: 107.582 $\pm$ 68.492 χ^2 /NDF: 11.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -35.166 $\pm$ 64.261 χ^2 /NDF: 19.5/15

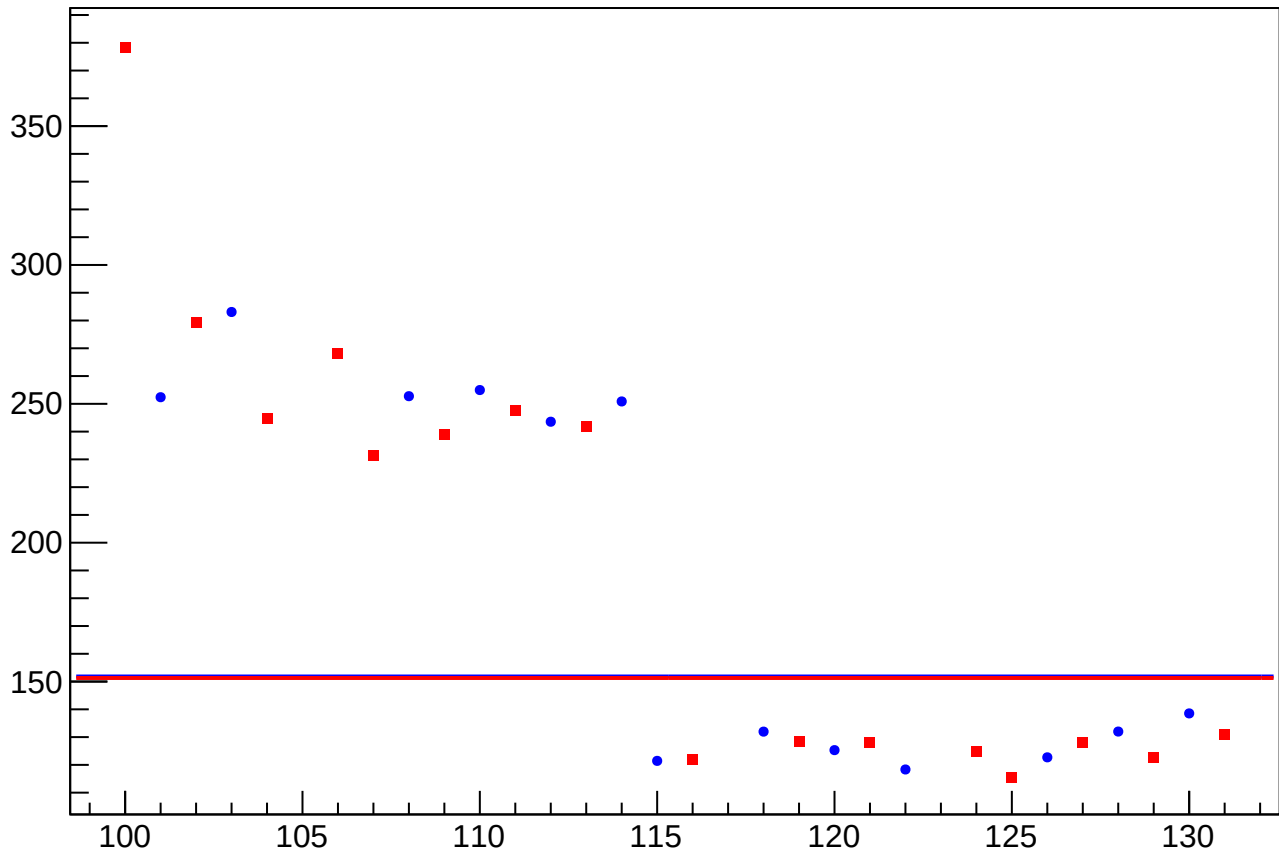
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 31.662 $\pm$ 46.864 χ^2 /NDF: 33.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_26_avg_rms vs Slug



Right In: 151.817+/-0.048 χ^2/NDF : 1101110.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.292+/-0.045 χ^2/NDF : 1304798.4/15

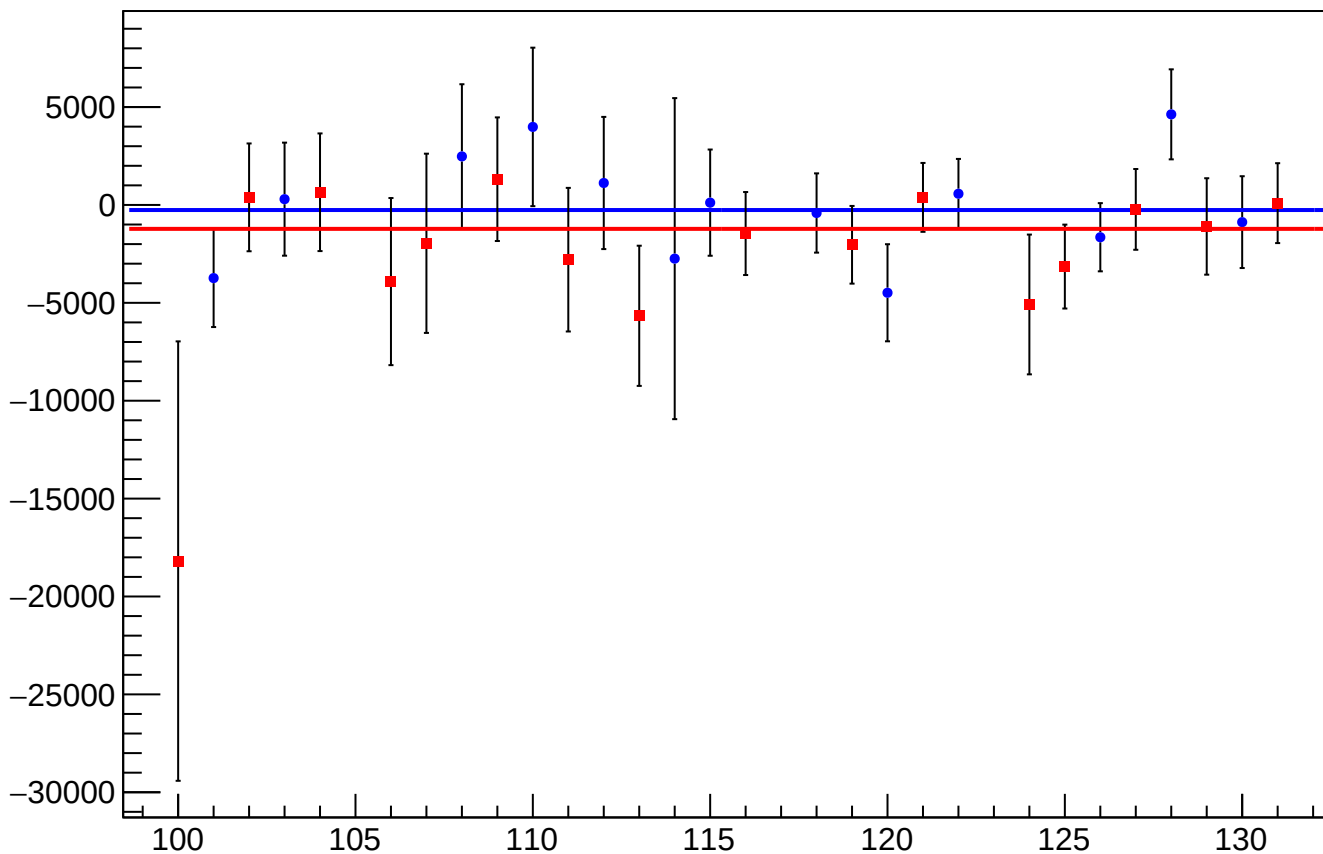
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.538+/-0.033 χ^2/NDF : 2405971.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_dit_correction_mean vs Slug



Right In: -259.725+/-694.037 χ^2/NDF : 12.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1221.858+/-653.475 χ^2/NDF : 9.5/15

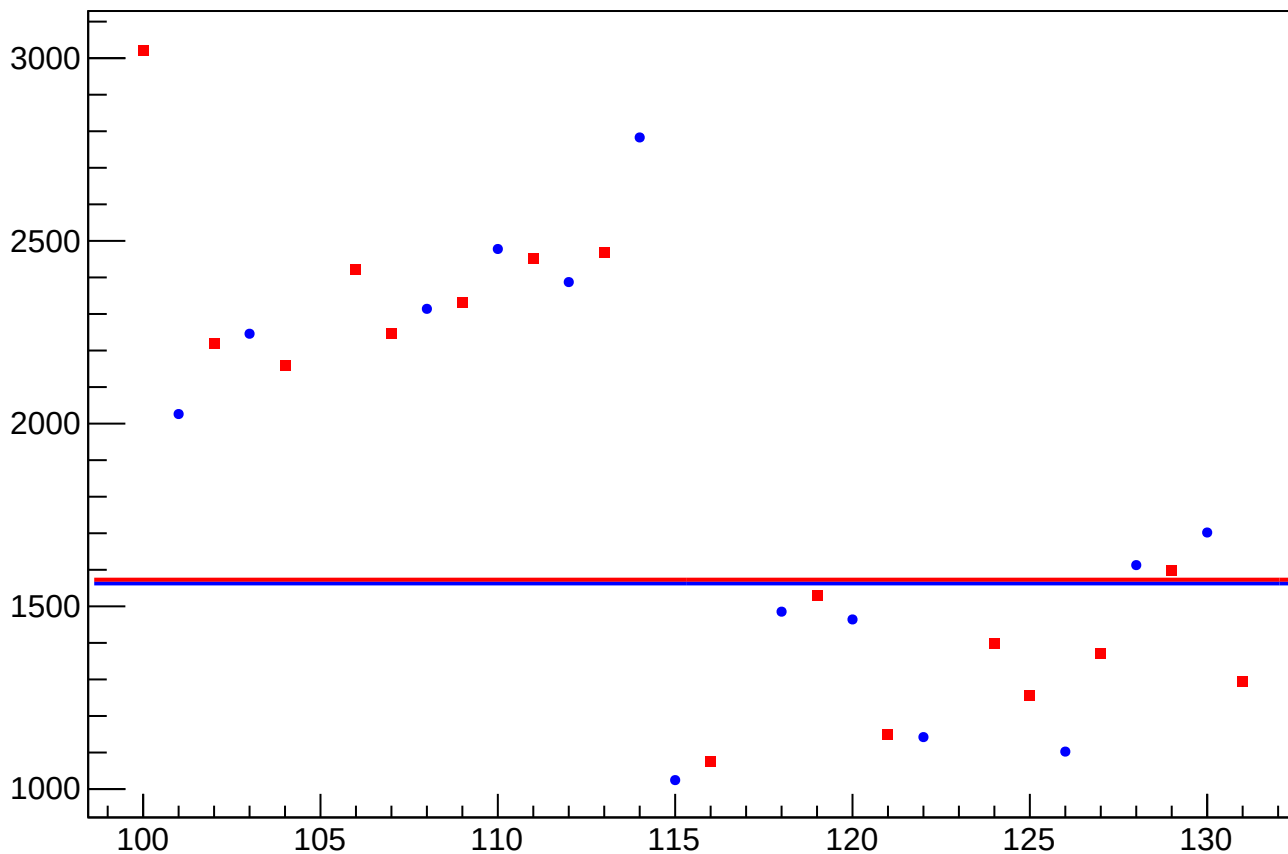
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -769.726+/-475.770 χ^2/NDF : 22.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_dit_correction_rms vs Slug



Right In: 1562.711 $\pm$ 0.491 χ^2 /NDF: 873672.3/12

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

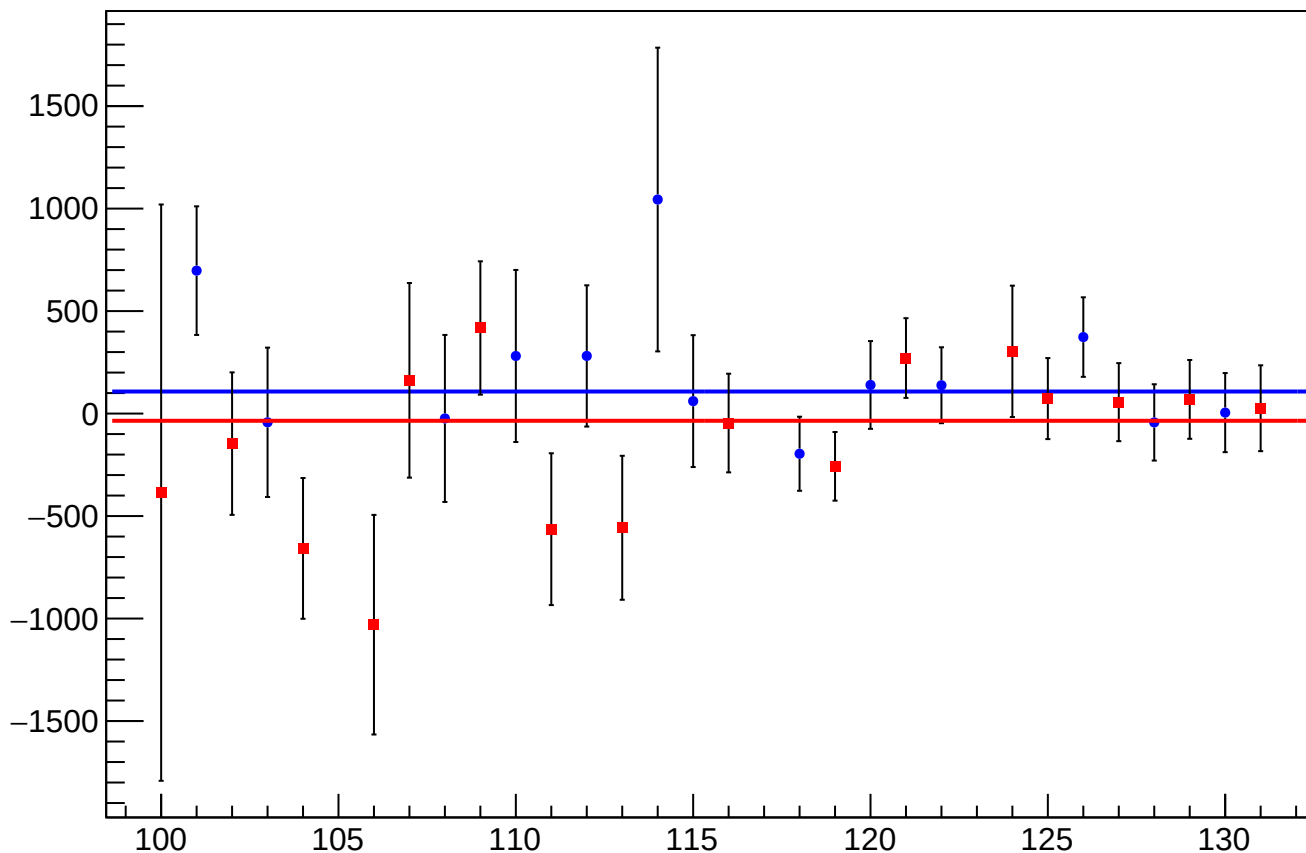
Right Out: 1572.982 $\pm$ 0.462 χ^2 /NDF: 1028629.0/15

All: 1568.155 $\pm$ 0.336 χ^2 /NDF: 1902533.5/28

- 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_26_avg_mean vs Slug



Right In: 107.581 $\pm$ 68.492 χ^2 /NDF: 11.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -35.166 $\pm$ 64.261 χ^2 /NDF: 19.5/15

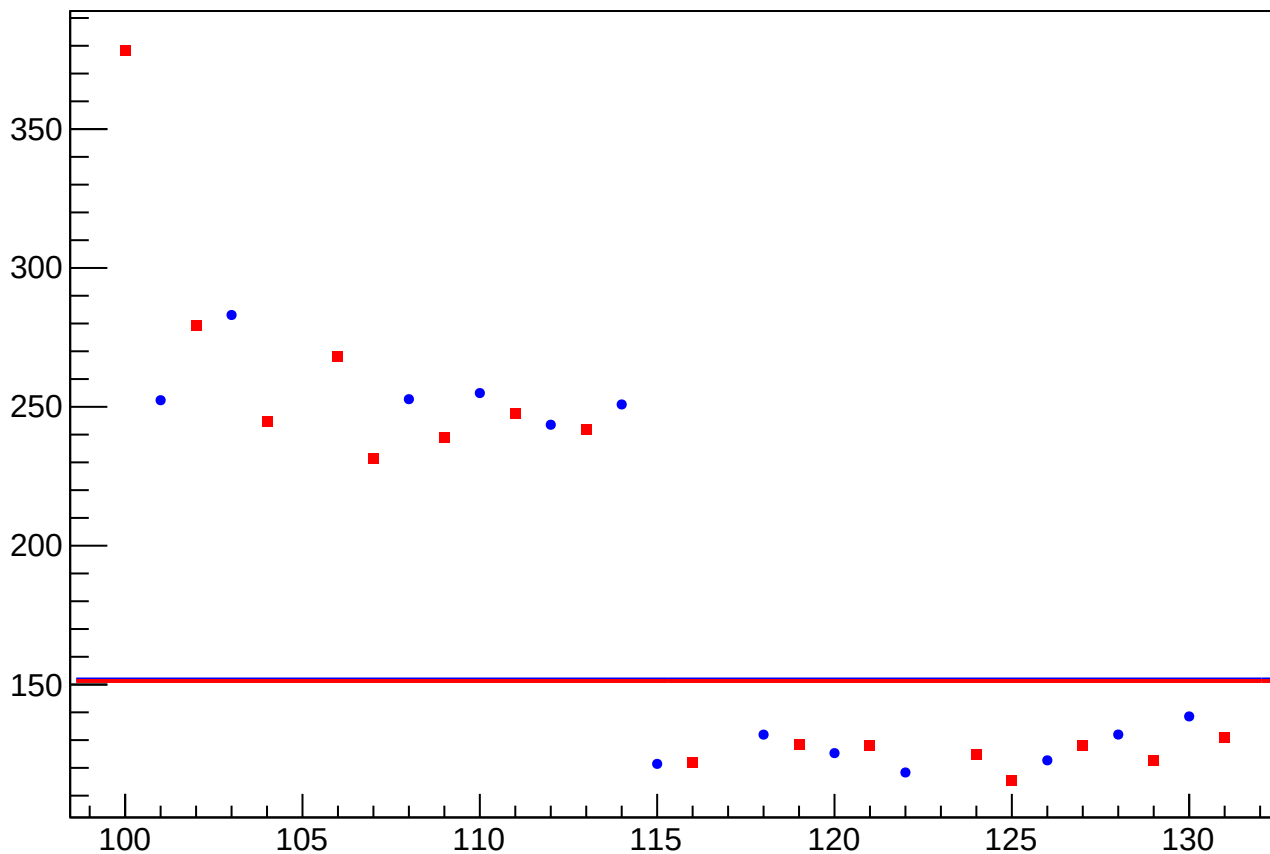
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 31.662 $\pm$ 46.864 χ^2 /NDF: 33.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_26_avg_rms vs Slug



Right In: 151.816+/-0.048 χ^2/NDF : 1101102.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.292+/-0.045 χ^2/NDF : 1304786.0/15

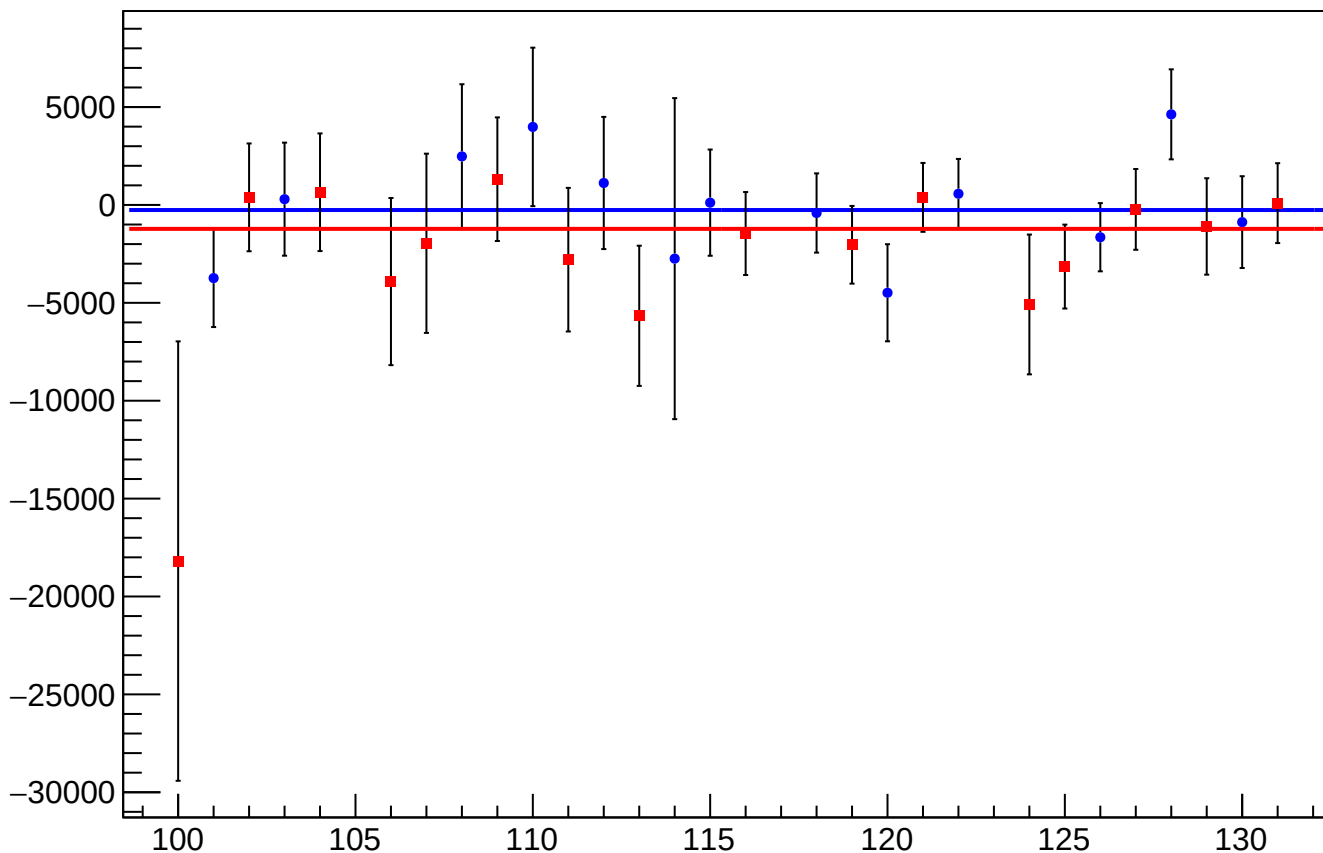
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.537+/-0.033 χ^2/NDF : 2405950.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_dit_correction_mean vs Slug



Right In: -259.721+/-694.035 χ^2 /NDF: 12.3/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1221.855+/-653.474 χ^2 /NDF: 9.5/15

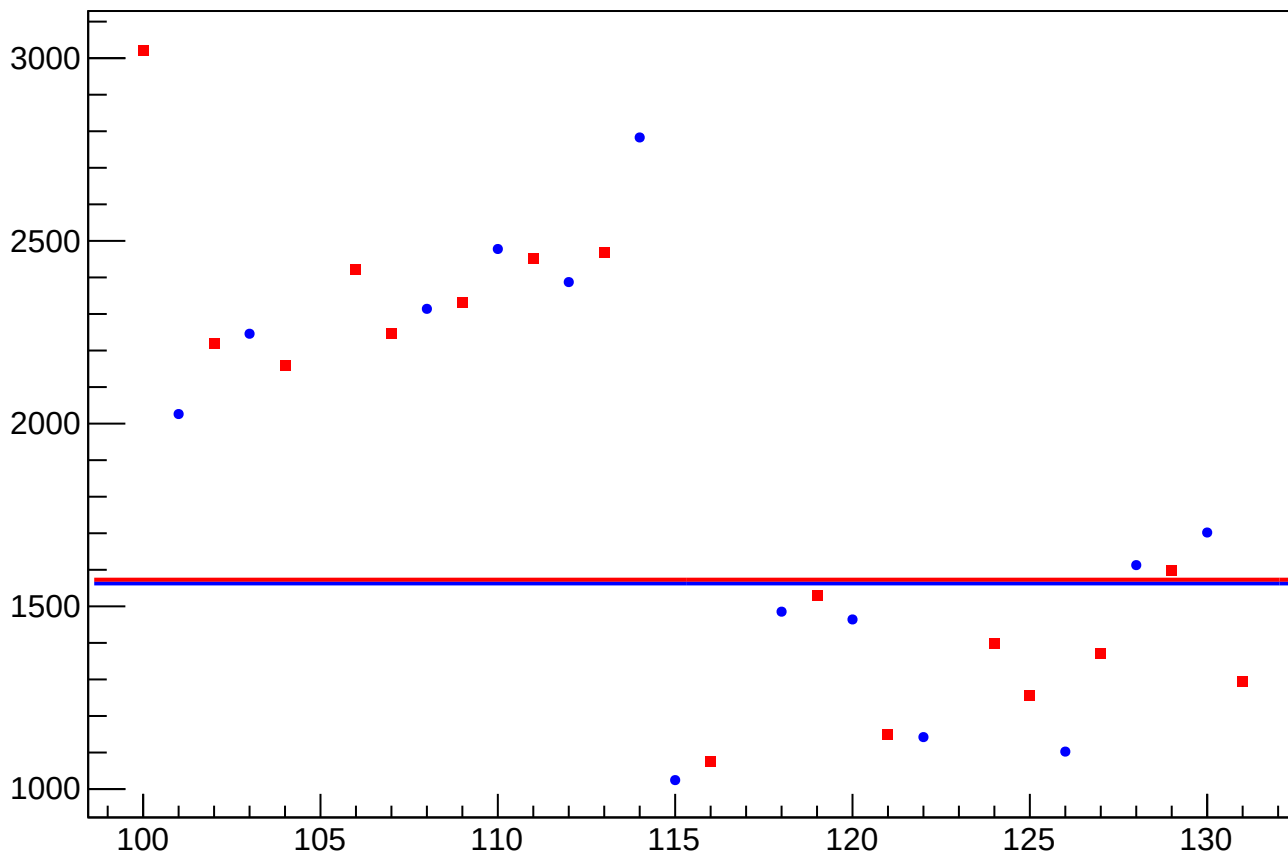
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -769.723+/-475.769 χ^2 /NDF: 22.7/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_dit_correction_rms vs Slug



Right In: 1562.708 $\pm$ 0.491 χ^2 /NDF: 873659.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1572.979 $\pm$ 0.462 χ^2 /NDF: 1028619.9/15

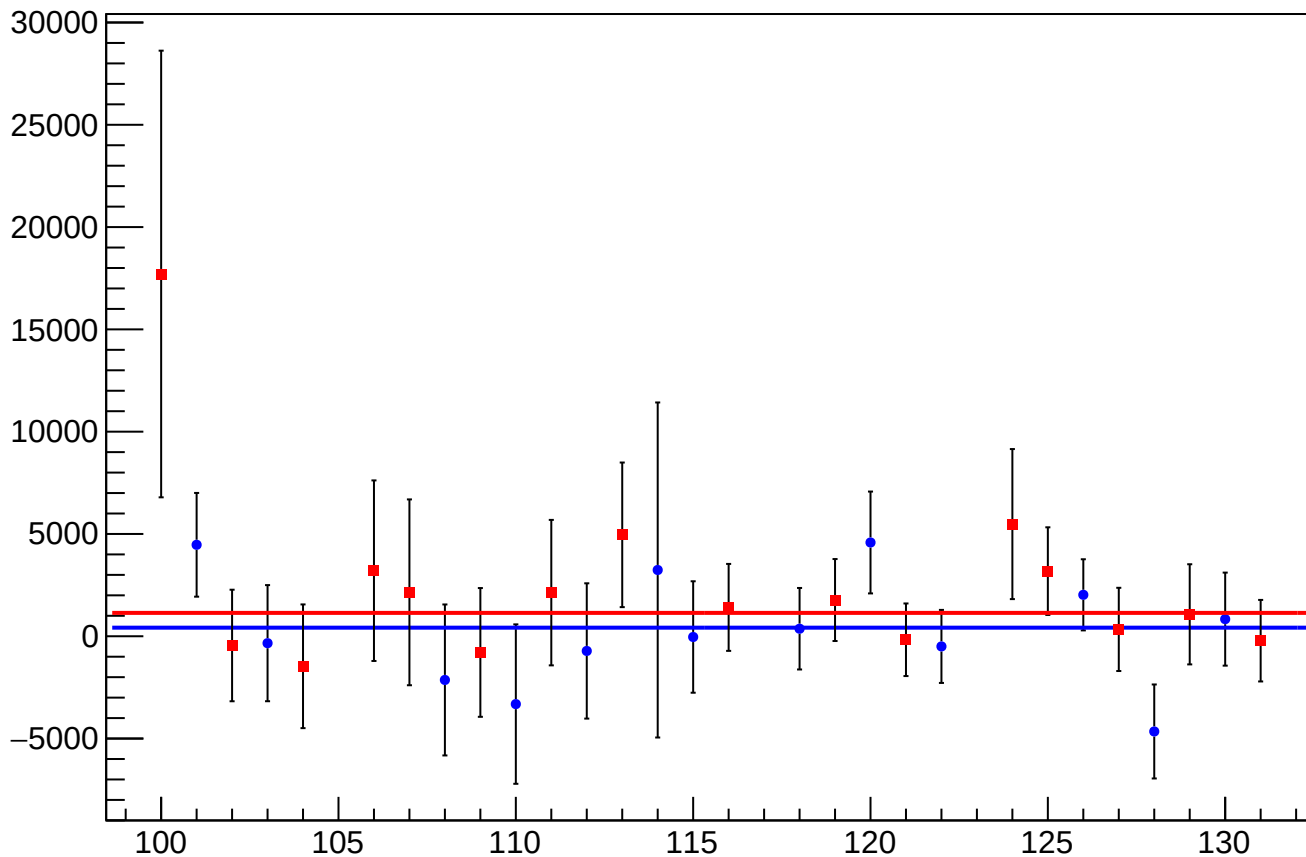
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1568.152 $\pm$ 0.336 χ^2 /NDF: 1902511.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_mean vs Slug



Right In: 419.800+/-689.880 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1142.154+/-651.811 χ^2/NDF : 8.9/15

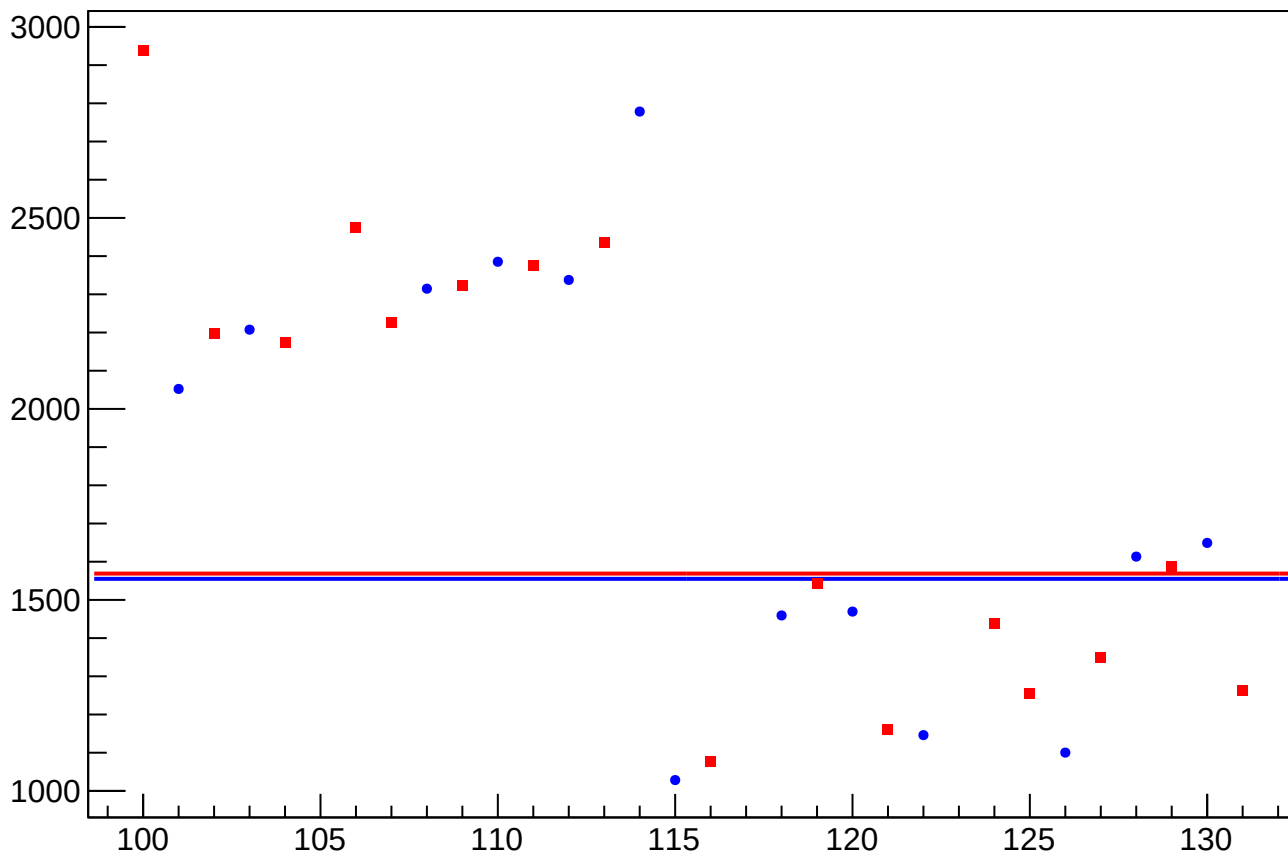
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 801.456+/-473.787 χ^2/NDF : 22.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_rms vs Slug



Right In: 1555.151+/-0.488 χ^2/NDF : 843252.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1568.942+/-0.461 χ^2/NDF : 1010087.8/15

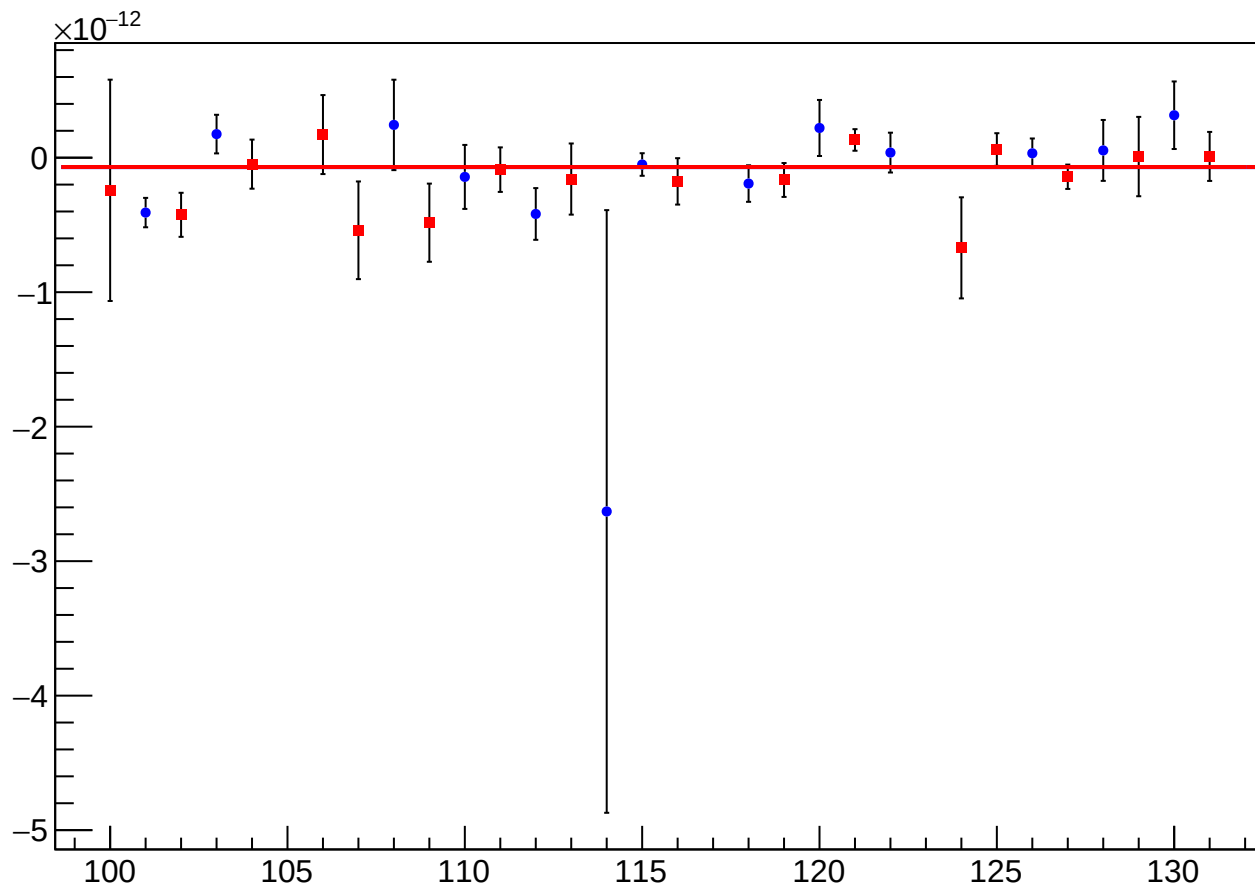
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1562.437+/-0.335 χ^2/NDF : 1853762.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 24.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 21.2/15

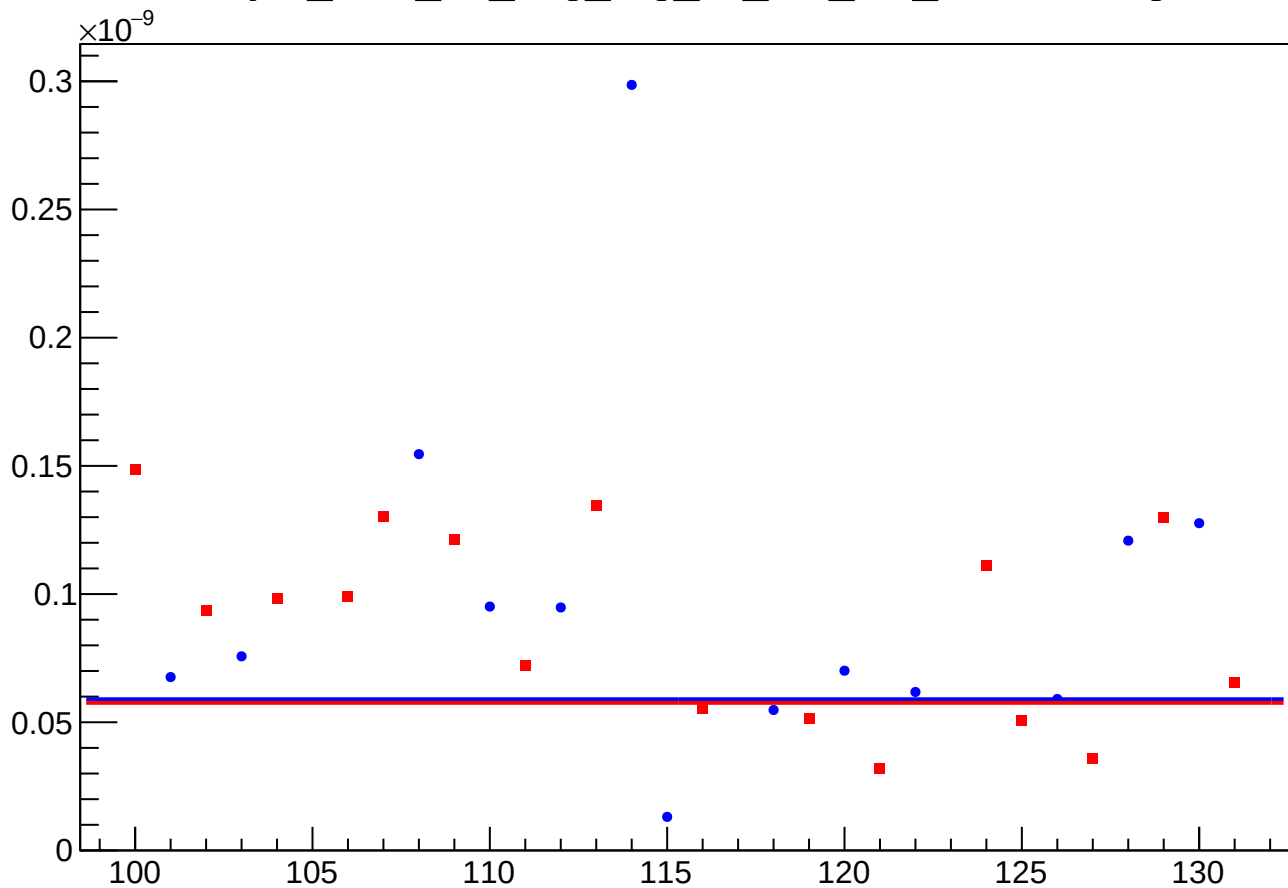
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 46.1/28

- 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 : 1244144.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1116270.7/15

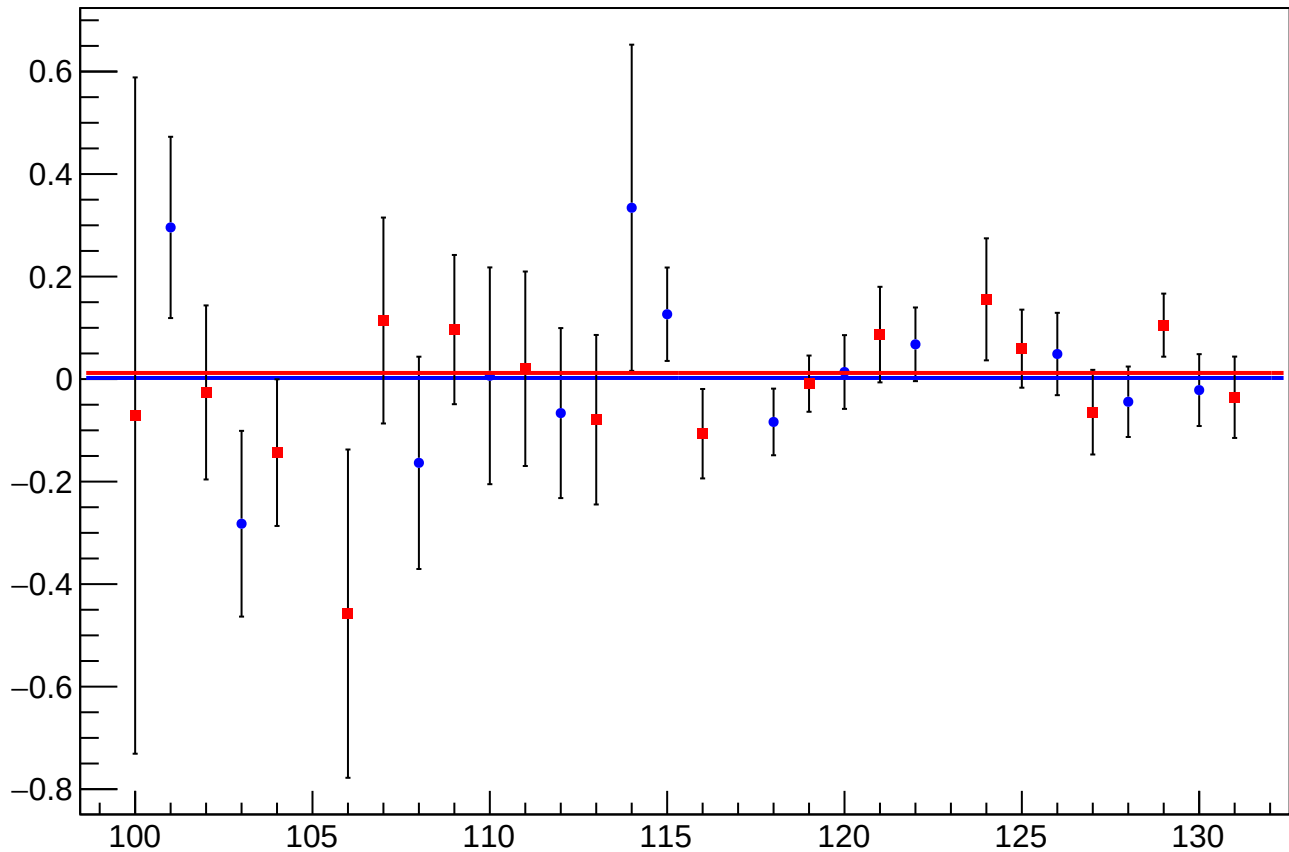
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2361562.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.026 χ^2 /NDF: 12.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.012 $\pm$ 0.025 χ^2 /NDF: 12.3/15

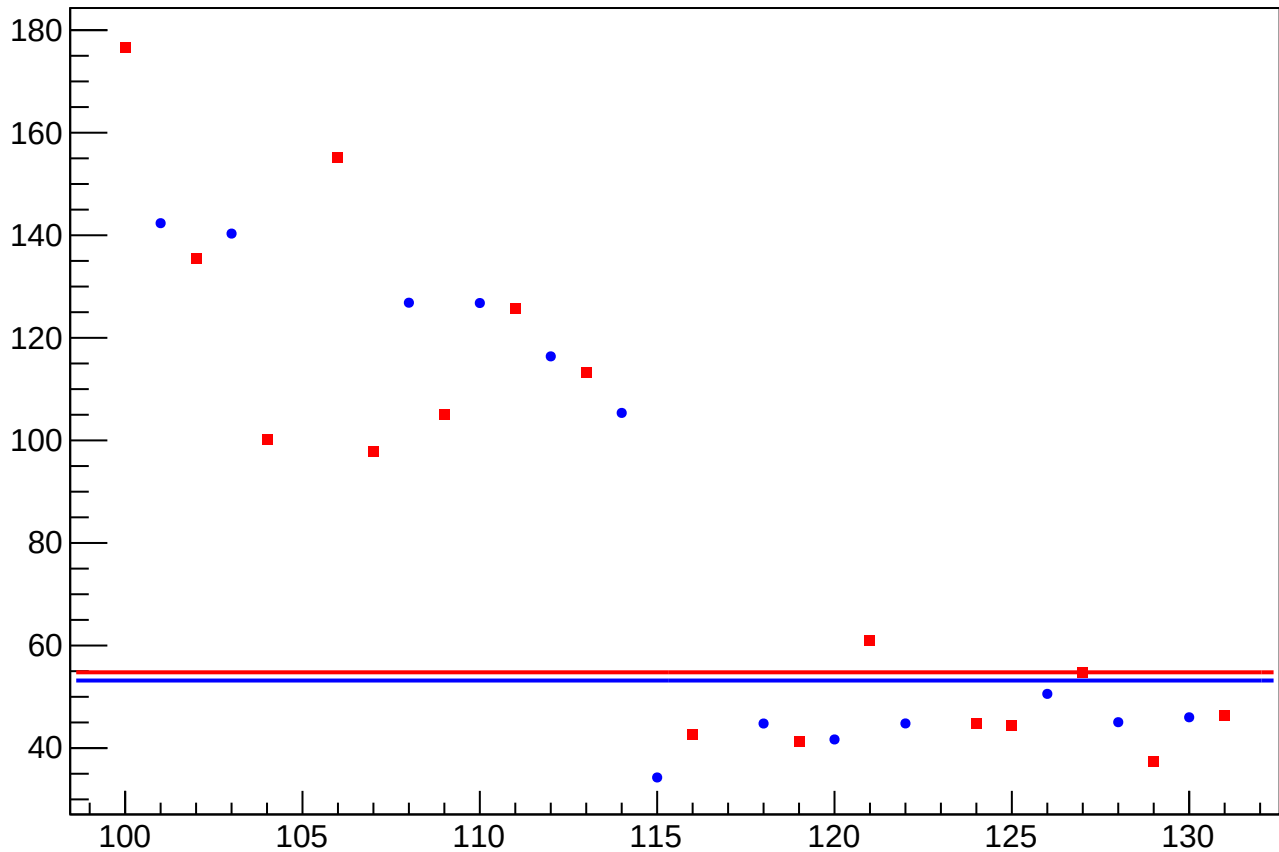
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.018 χ^2 /NDF: 24.9/28

- 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: 53.178+/-0.018 χ^2/NDF : 2059710.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.780+/-0.018 χ^2/NDF : 2182078.0/15

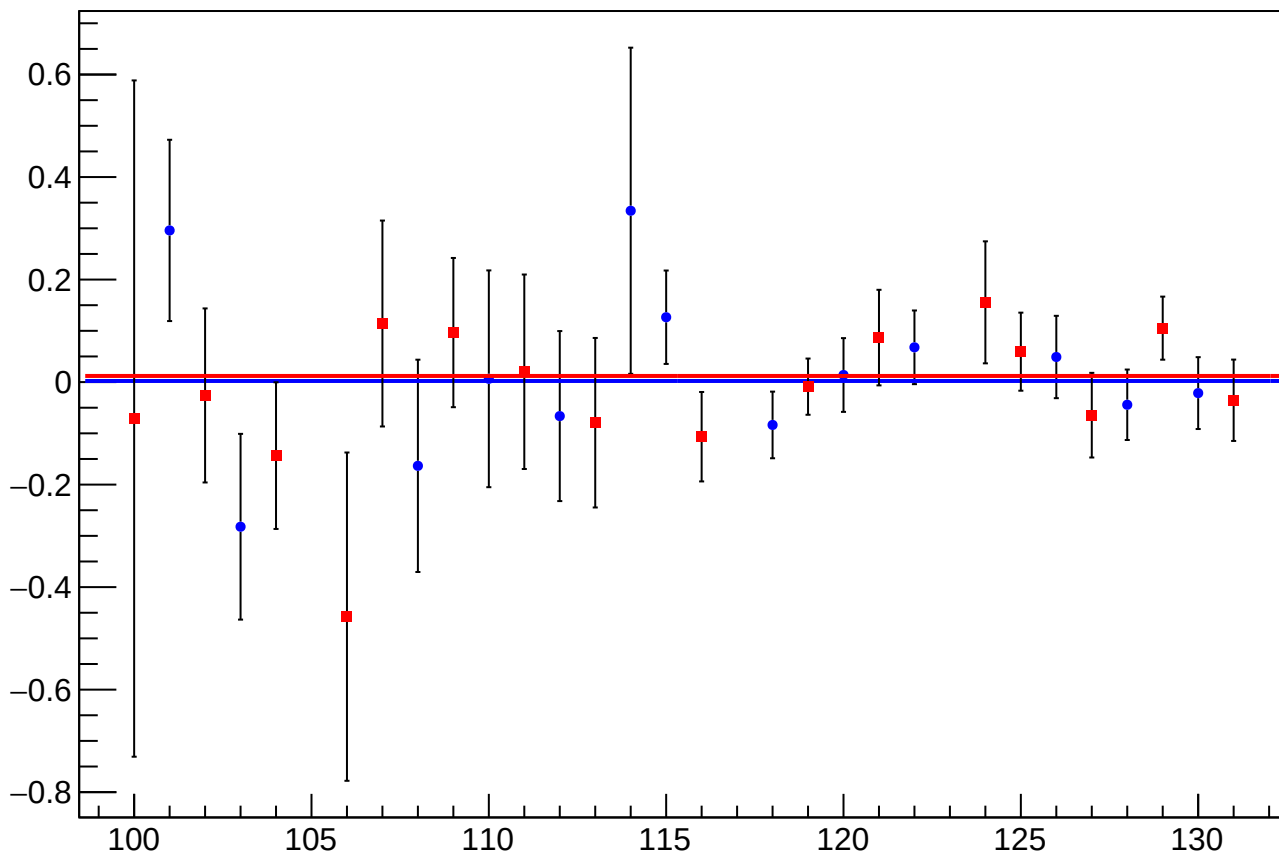
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.019+/-0.013 χ^2/NDF : 4245746.8/28

- 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: 0.002 $\pm$ 0.026 χ^2 /NDF: 12.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.012 $\pm$ 0.025 χ^2 /NDF: 12.3/15

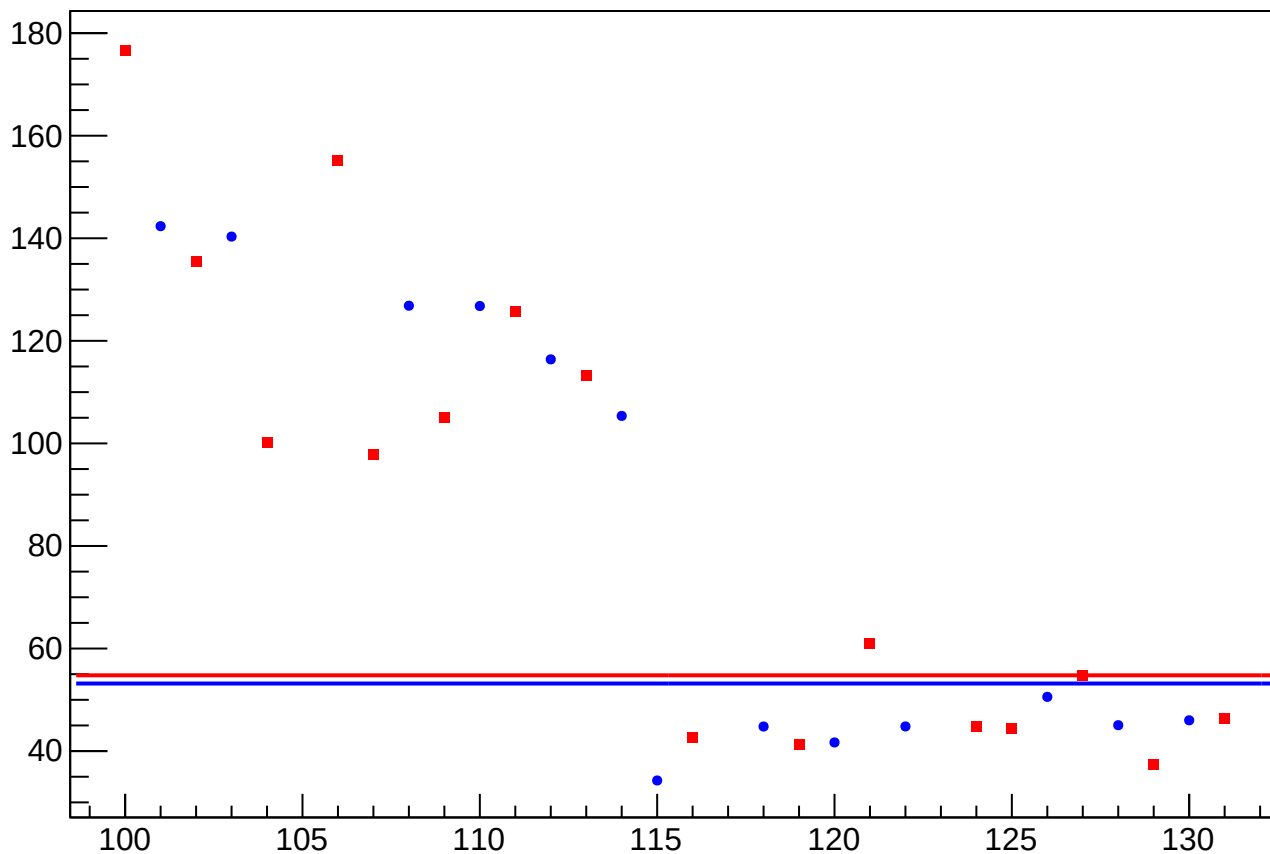
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.018 χ^2 /NDF: 24.9/28

- 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: 53.178+/-0.018 χ^2/NDF : 2059710.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.780+/-0.018 χ^2/NDF : 2182078.0/15

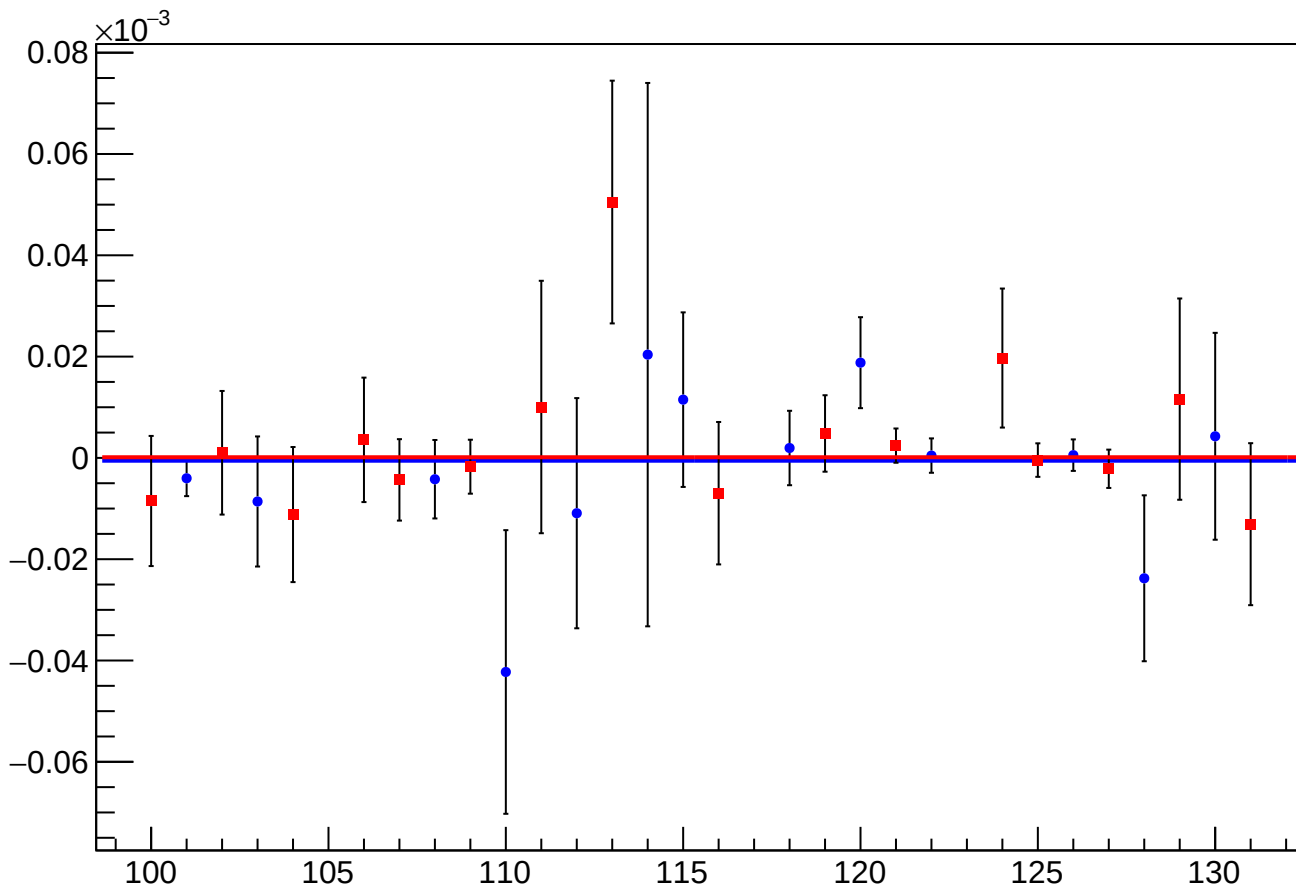
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.019+/-0.013 χ^2/NDF : 4245746.8/28

- 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: 11.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.8/15

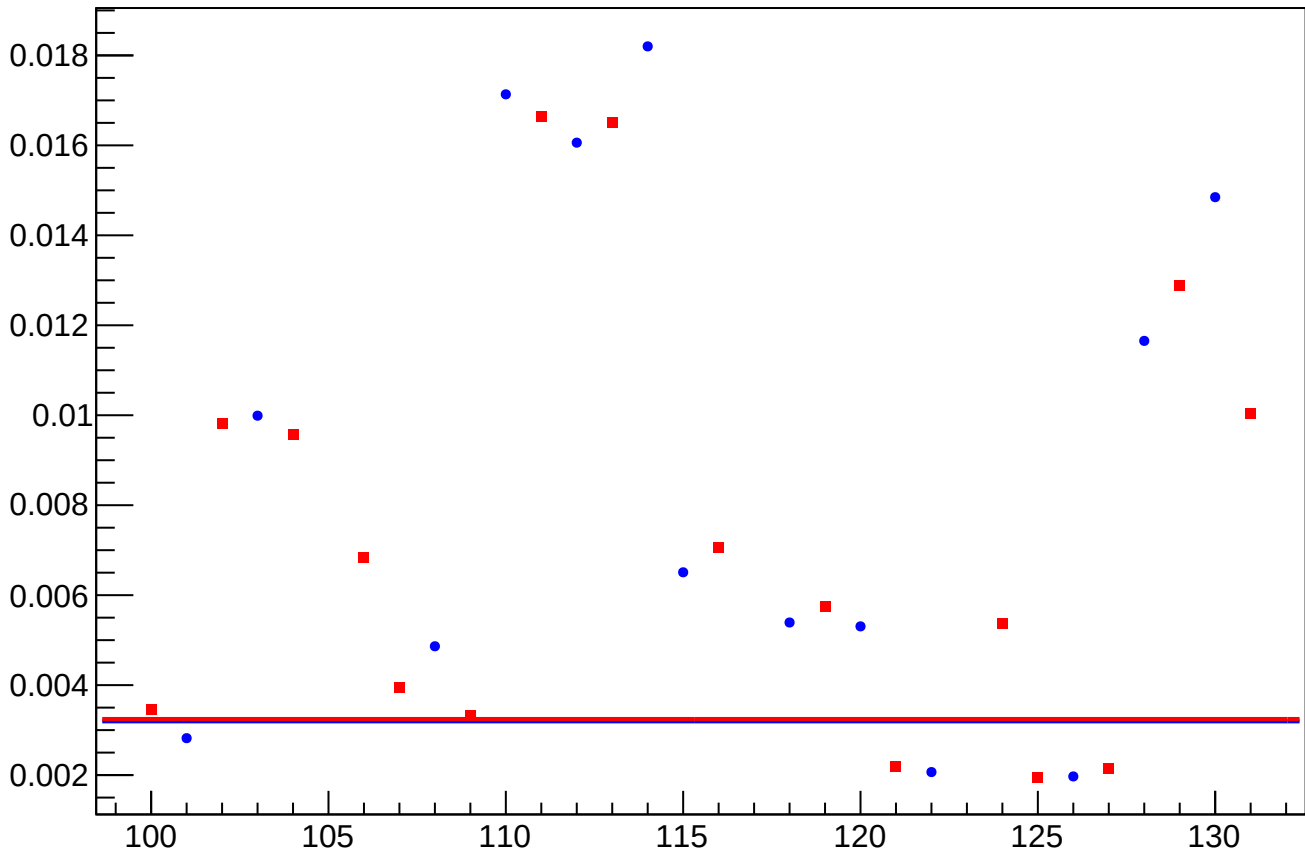
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.6/28

- 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 : 4047706.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 4327625.2/15

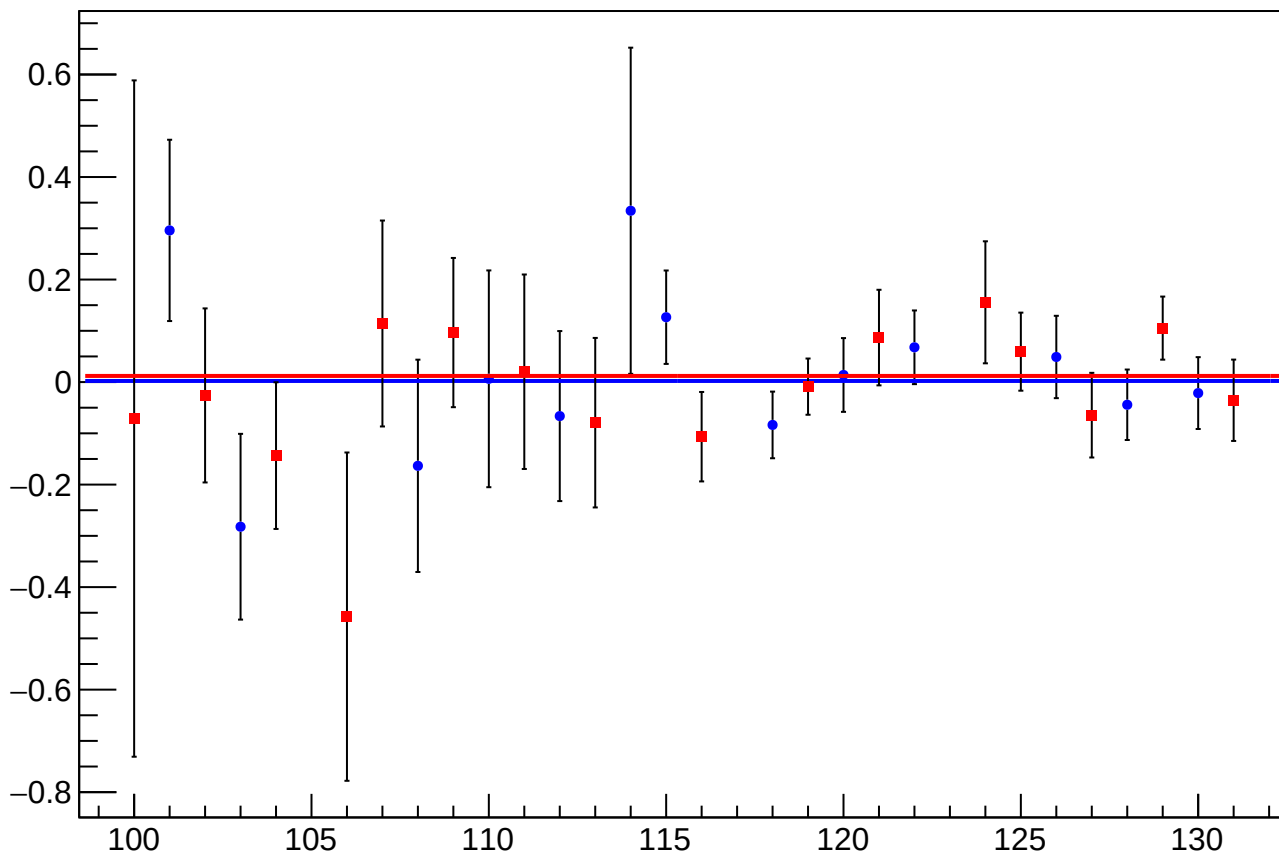
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 8376325.0/28

- 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: 0.002 $\pm$ 0.026 χ^2 /NDF: 12.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.012 $\pm$ 0.025 χ^2 /NDF: 12.3/15

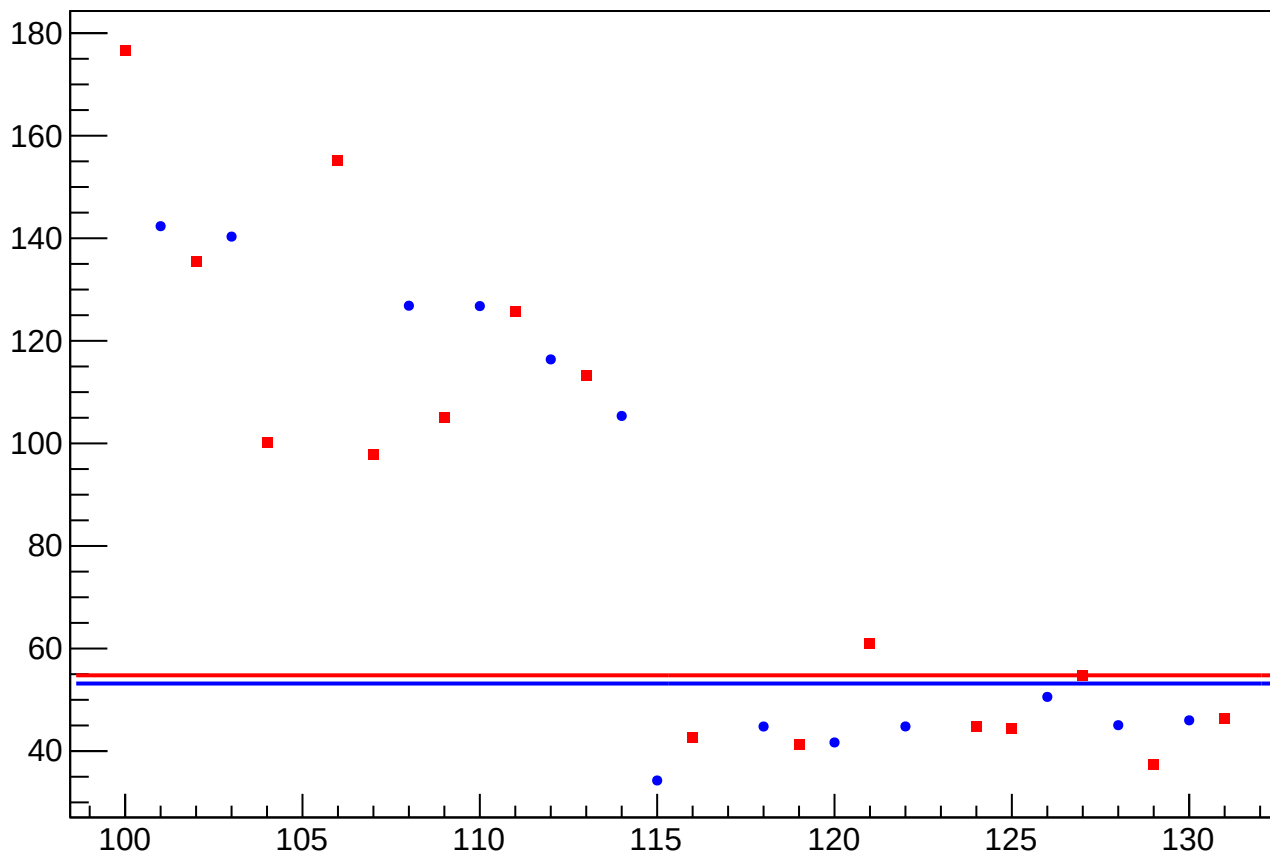
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.018 χ^2 /NDF: 24.9/28

- 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: 53.177+/-0.018 χ^2/NDF : 2059644.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.779+/-0.018 χ^2/NDF : 2182017.8/15

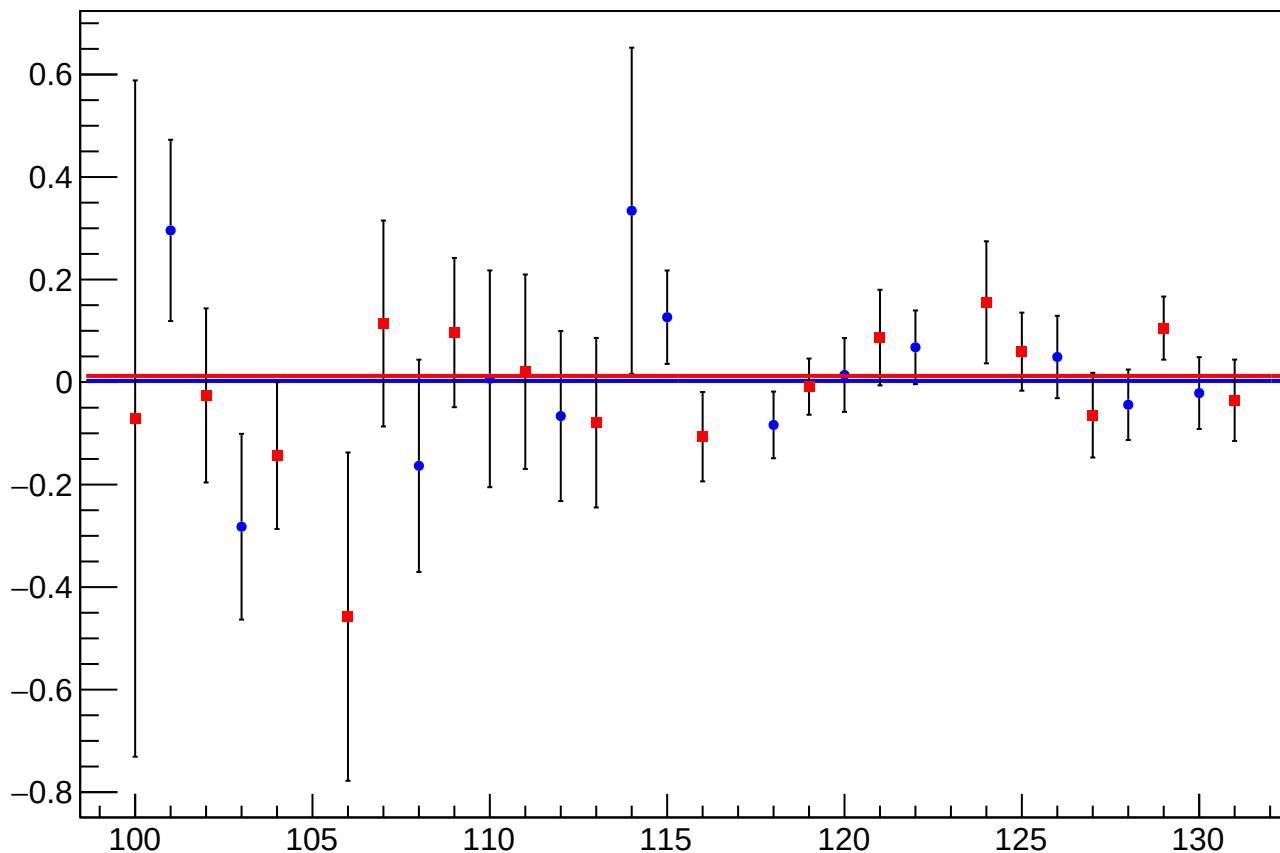
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.018+/-0.013 χ^2/NDF : 4245618.4/28

- 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: 0.002 $\pm$ 0.026 χ^2 /NDF: 12.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.012 $\pm$ 0.025 χ^2 /NDF: 12.3/15

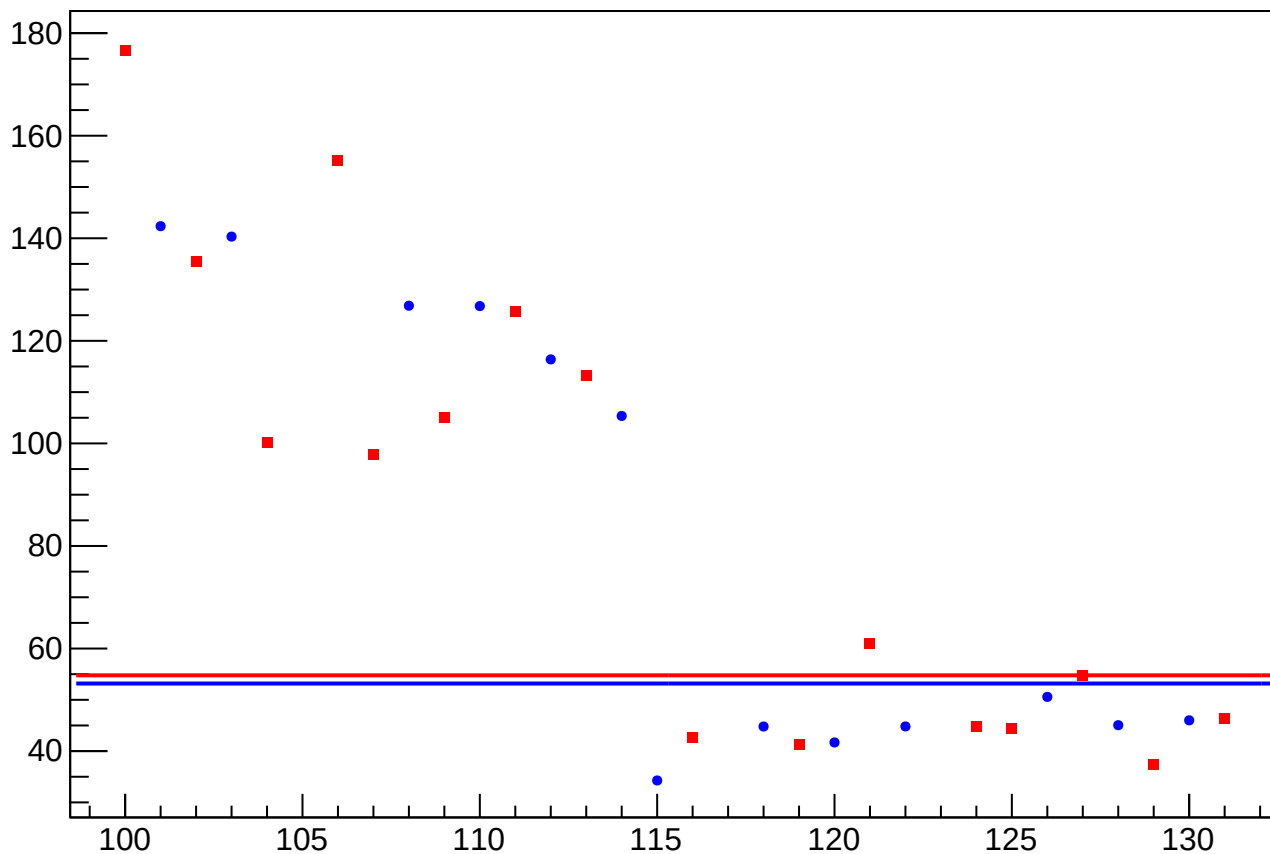
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.018 χ^2 /NDF: 24.9/28

- 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: 53.177+/-0.018 χ^2/NDF : 2059644.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.779+/-0.018 χ^2/NDF : 2182017.8/15

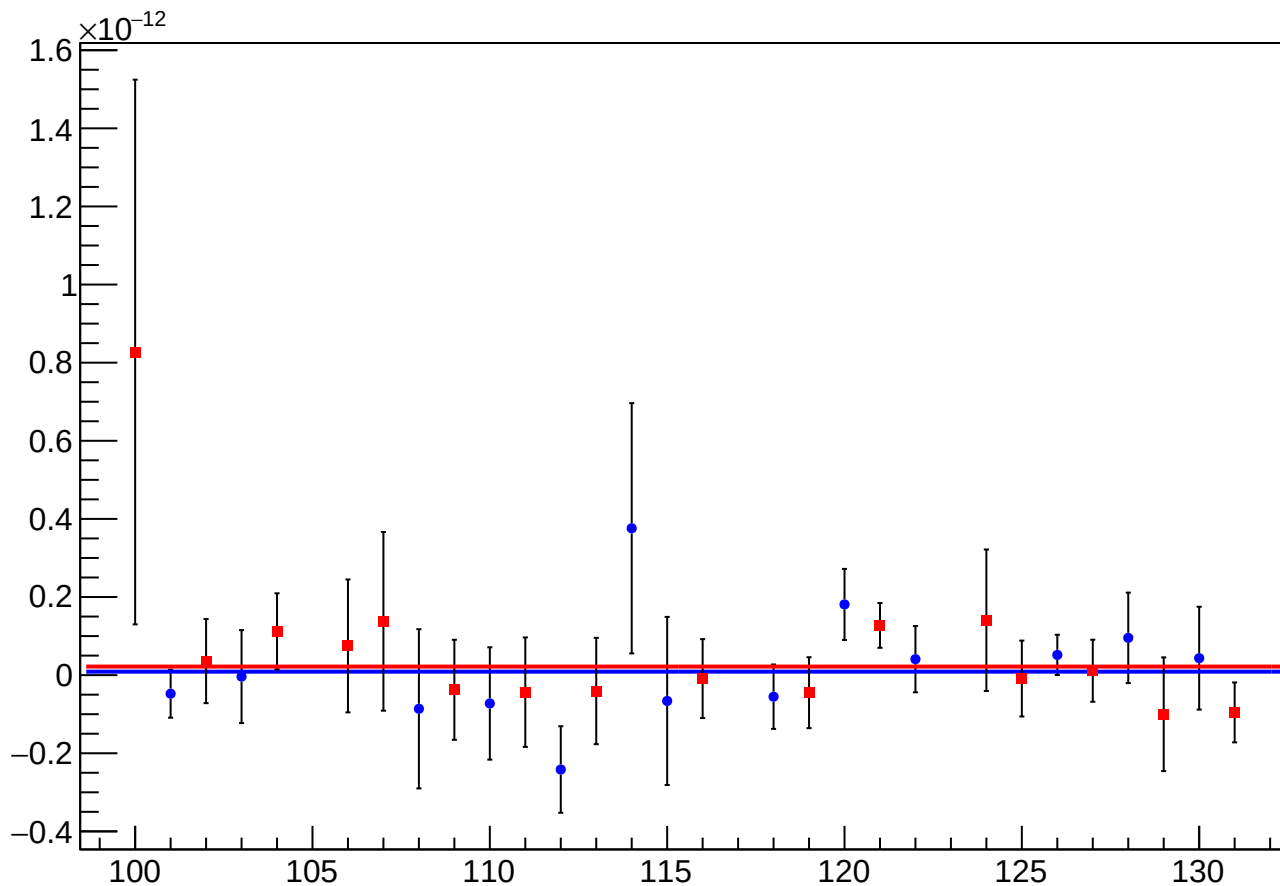
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.018+/-0.013 χ^2/NDF : 4245618.4/28

- 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 $\pm$ 0.000 χ^2 /NDF: 13.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.8/15

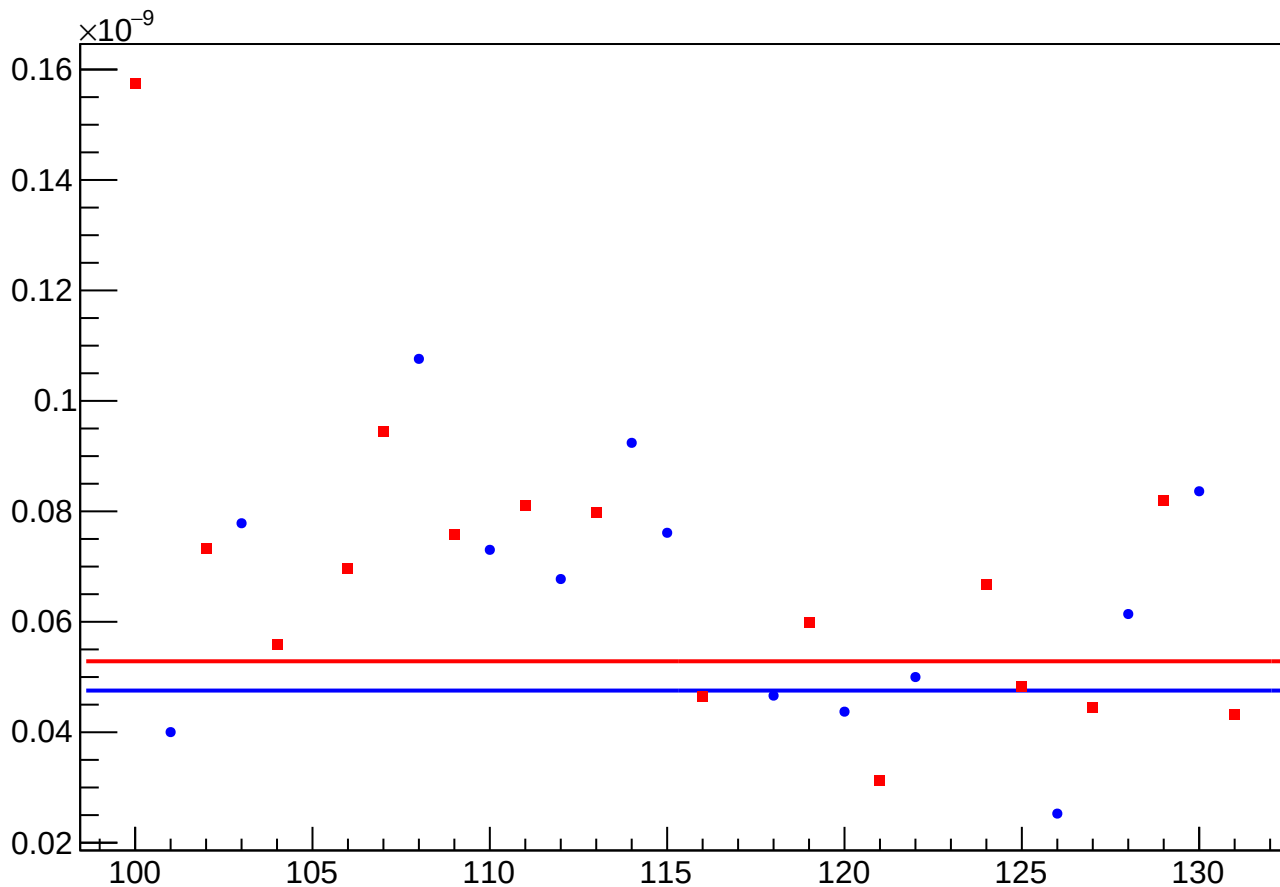
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 24.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1094560.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 881322.0/15

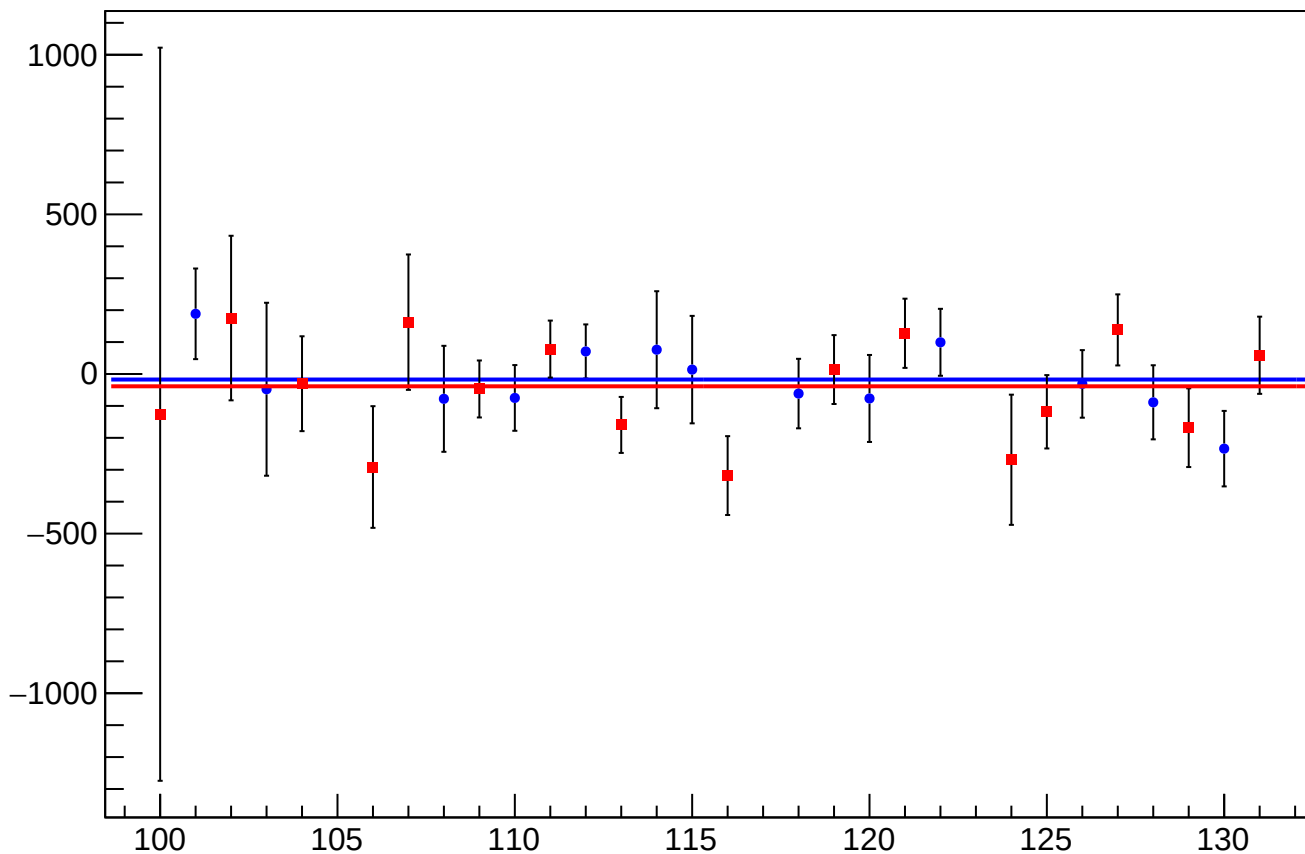
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2016429.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_mean vs Slug



Right In: -17.330 ± 34.048 χ^2/NDF : 9.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -38.542 ± 30.961 χ^2/NDF : 20.7/15

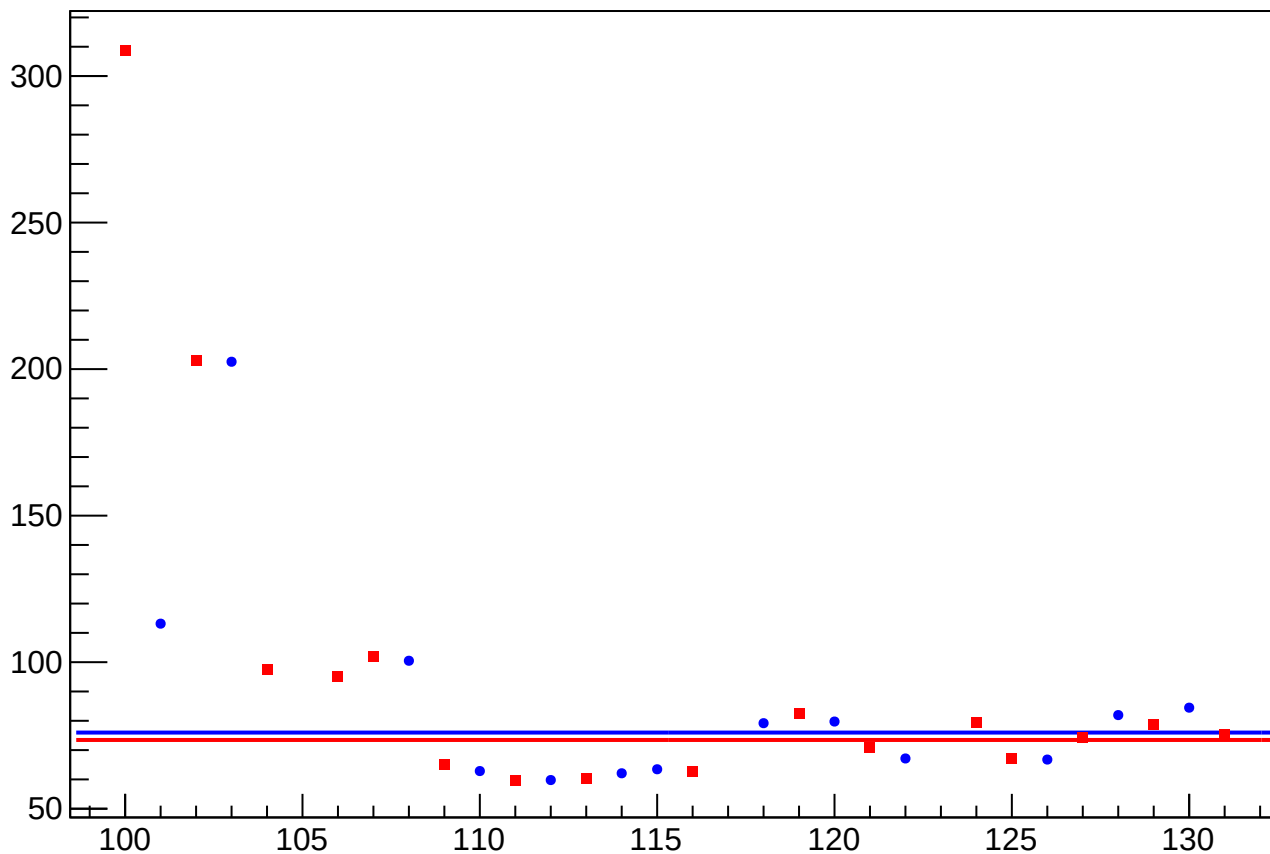
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -28.941 ± 22.907 χ^2/NDF : 30.2/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_rms vs Slug



Right In: 75.985+/-0.024 χ^2/NDF : 793417.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.459+/-0.022 χ^2/NDF : 853763.5/15

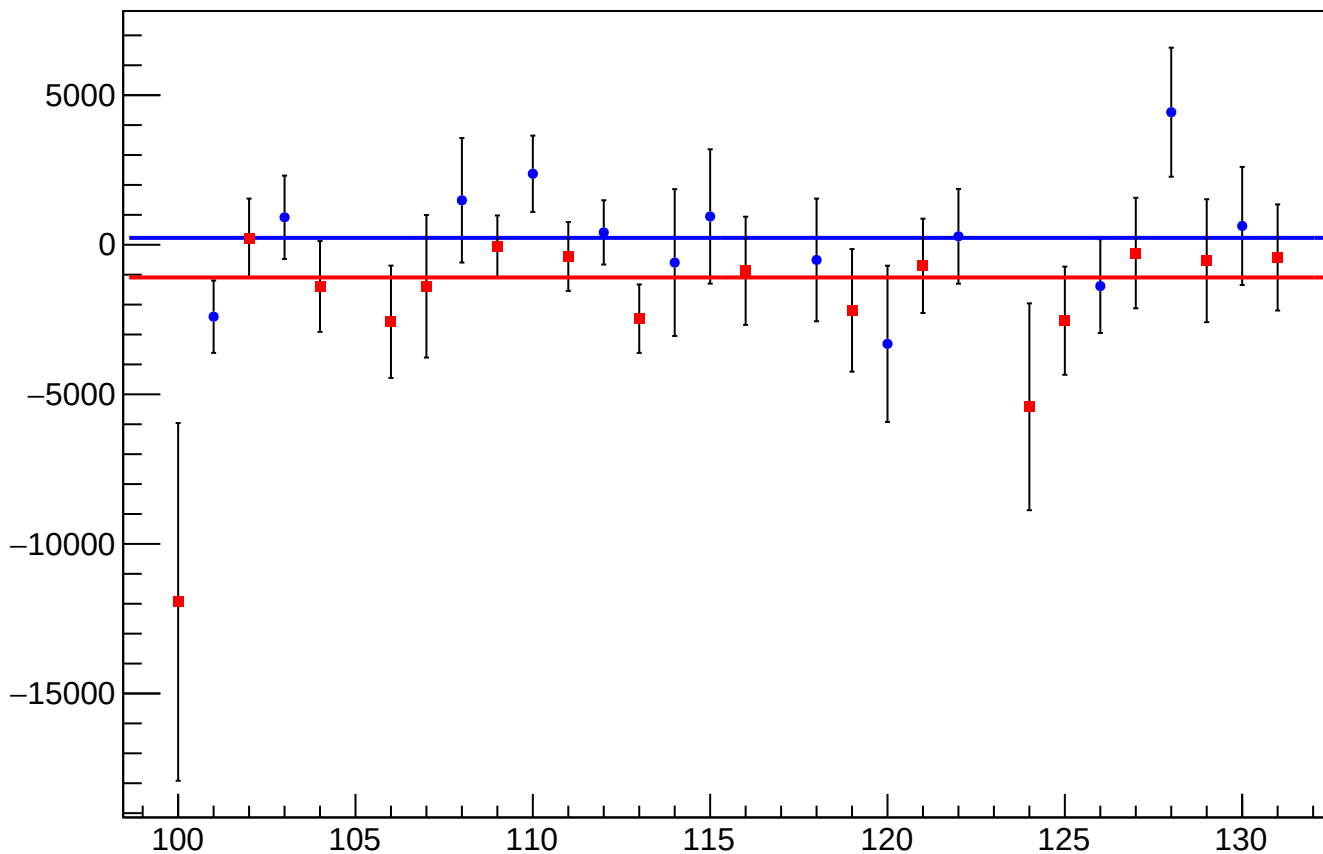
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.602+/-0.016 χ^2/NDF : 1653208.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_reg_correction_mean vs Slug



Right In: 231.032+/-450.100 χ^2/NDF : 15.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1092.619+/-404.499 χ^2/NDF : 10.7/15

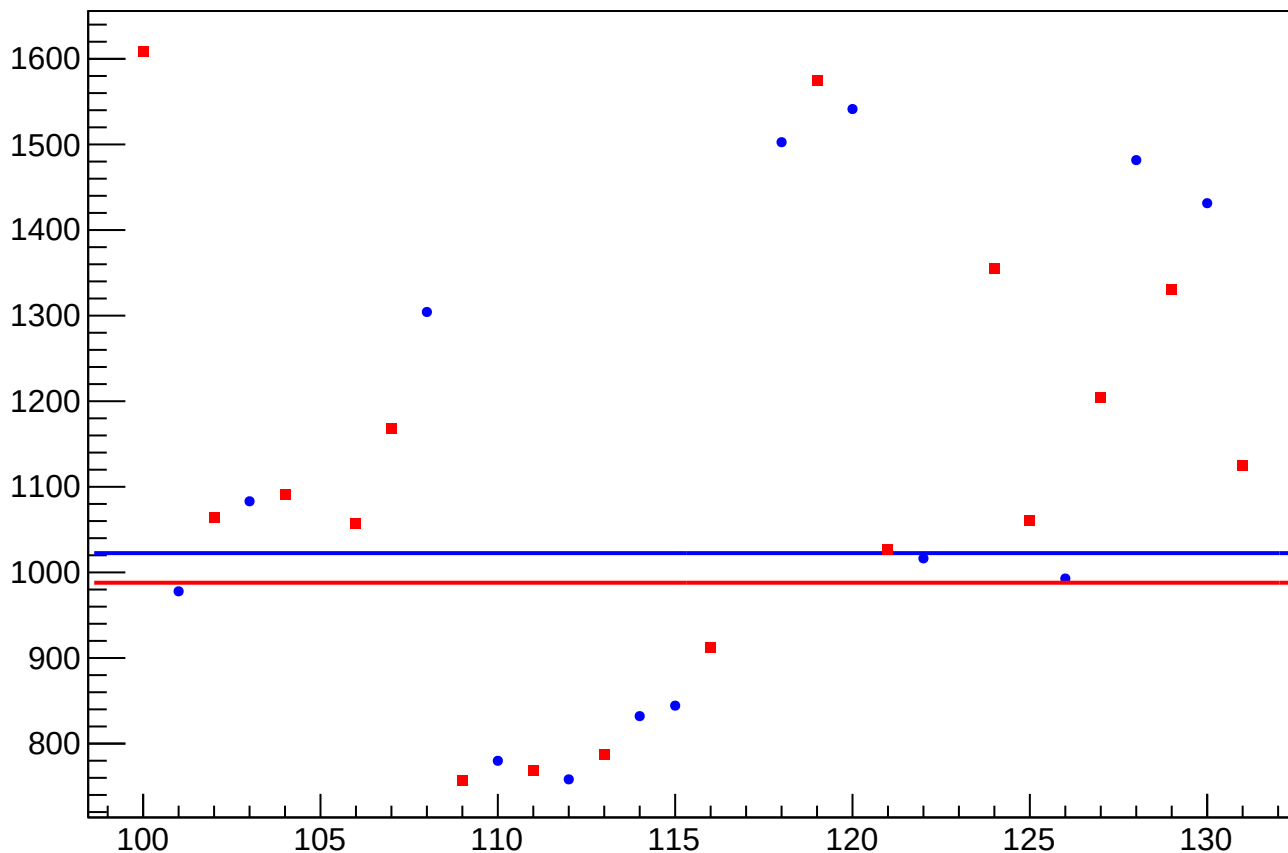
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -501.224+/-300.858 χ^2/NDF : 30.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_reg_correction_rms vs Slug



Right In: 1022.534+/-0.318 χ^2/NDF : 626912.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 987.951+/-0.286 χ^2/NDF : 572915.5/15

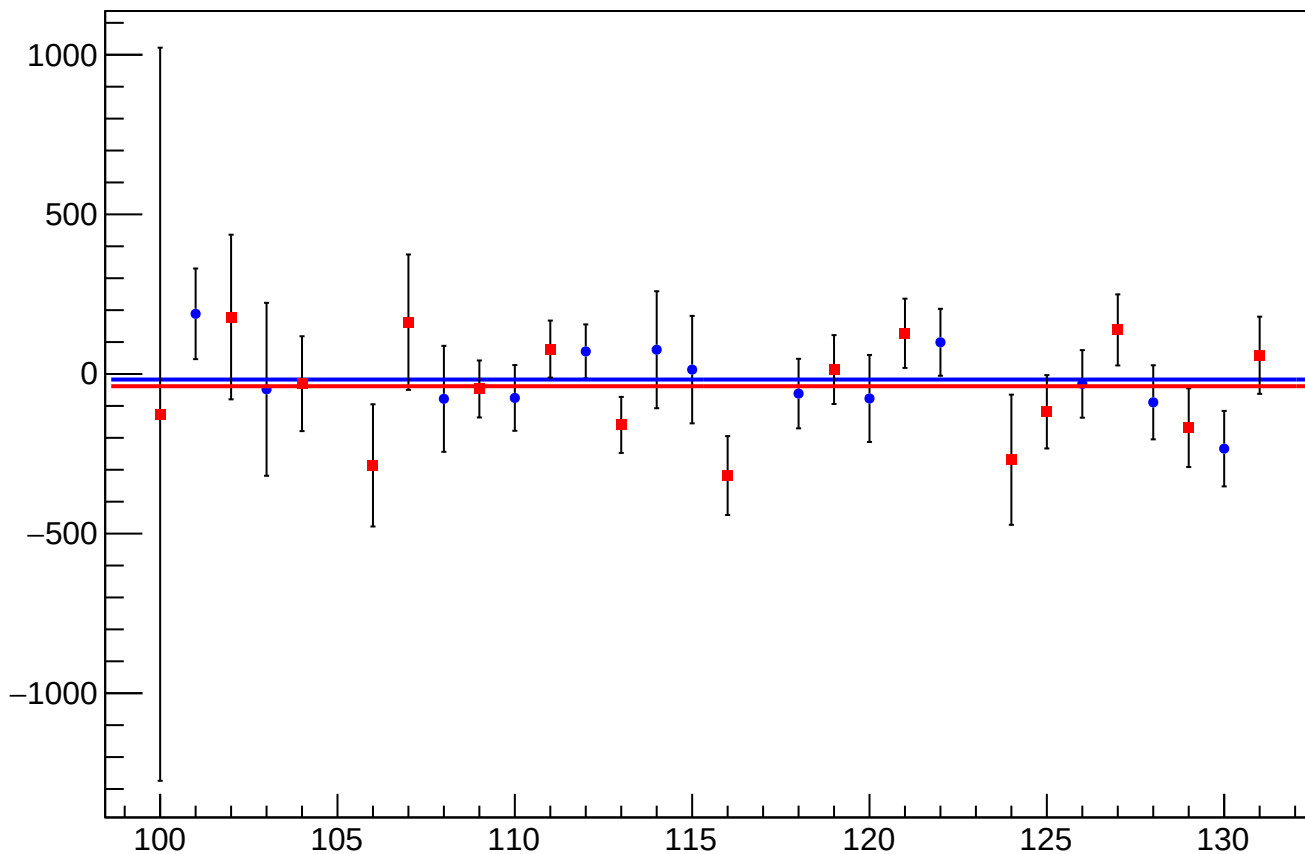
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1003.402+/-0.213 χ^2/NDF : 1206359.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_37_avg_mean vs Slug



Right In: -17.338+/-34.048 χ^2/NDF : 9.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.304+/-30.965 χ^2/NDF : 20.6/15

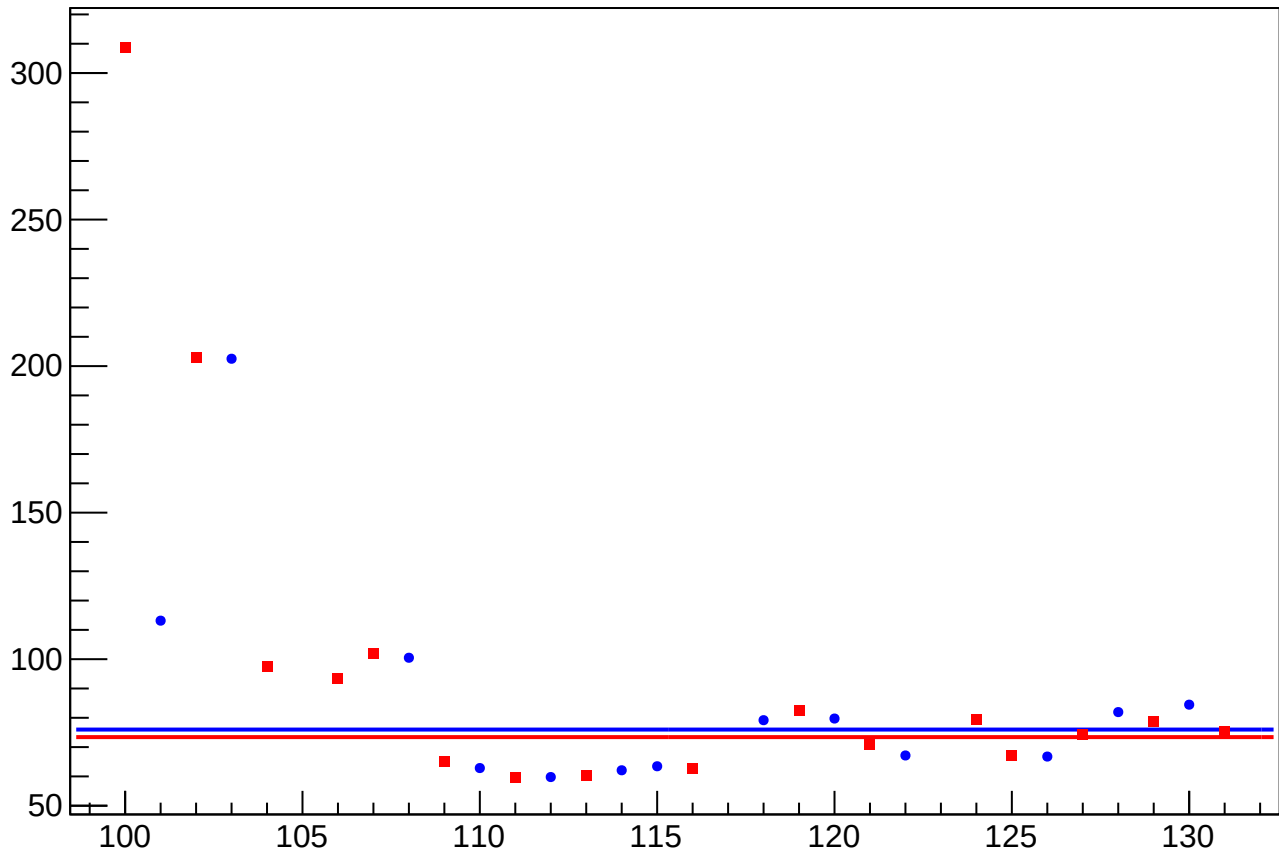
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.813+/-22.908 χ^2/NDF : 30.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_37_avg_rms vs Slug



Right In: 75.985 $\pm$ 0.024 χ^2 /NDF: 793419.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 73.409 $\pm$ 0.022 χ^2 /NDF: 849903.9/15

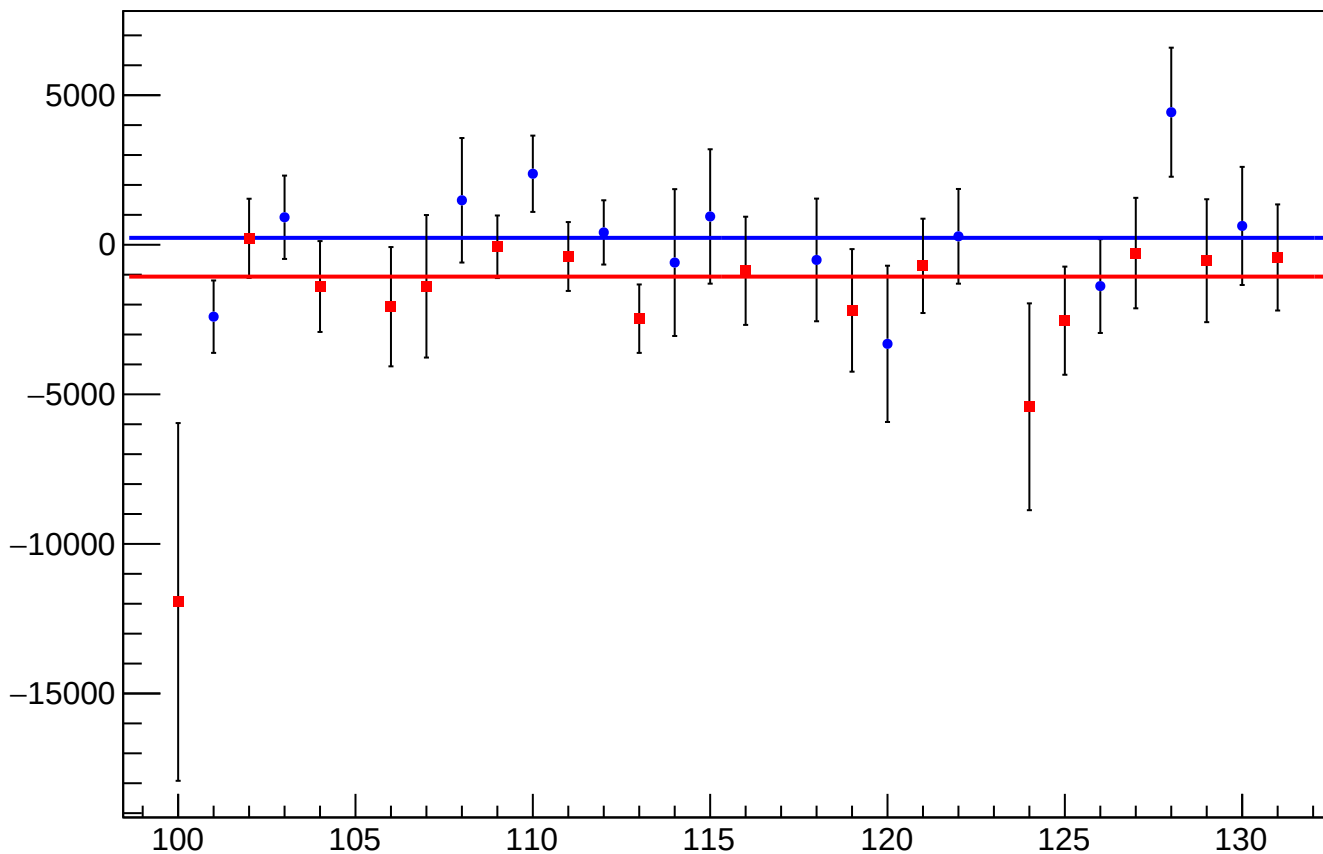
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 74.575 $\pm$ 0.016 χ^2 /NDF: 1649589.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_cor_correction_mean vs Slug



Right In: 231.061+/-450.105 χ^2/NDF : 15.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1064.731+/-405.594 χ^2/NDF : 10.3/15

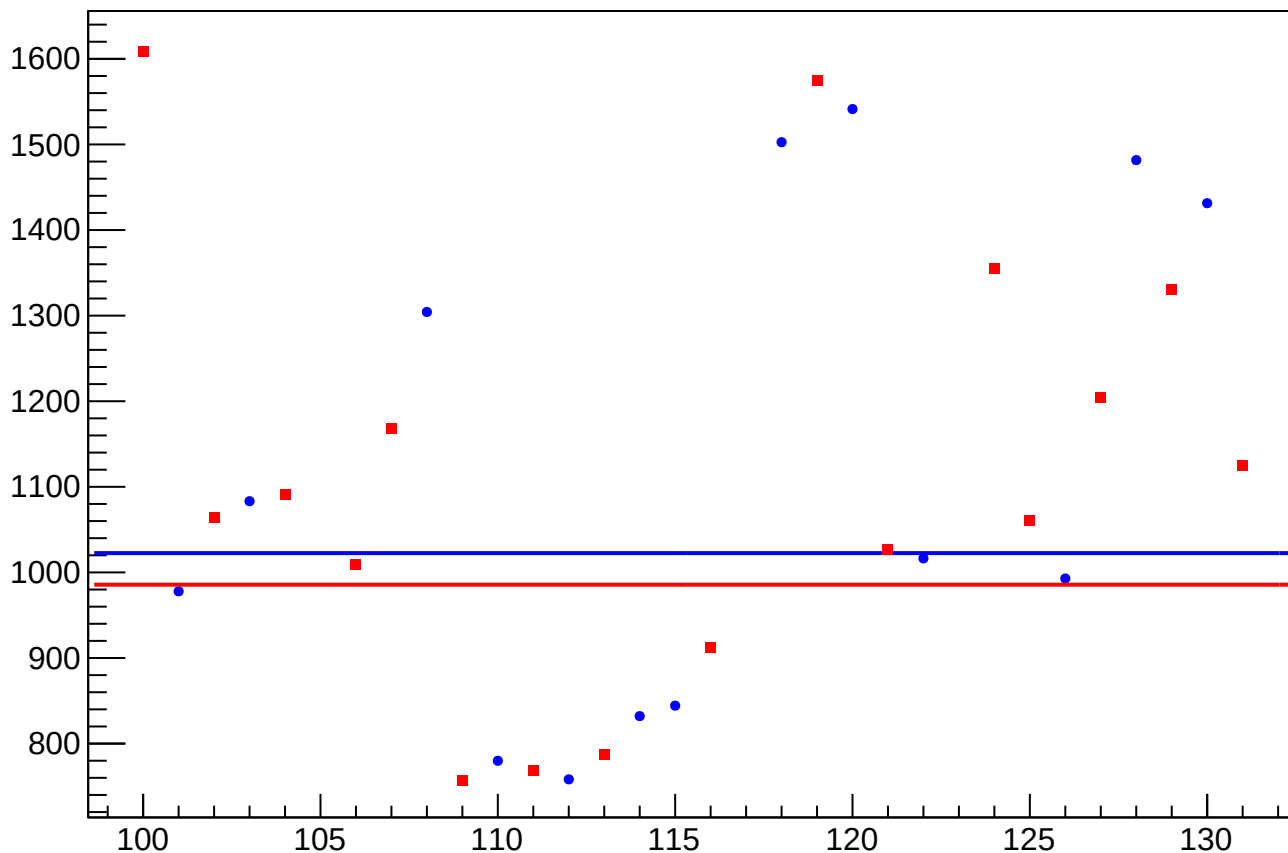
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -484.057+/-301.310 χ^2/NDF : 30.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_cor_correction_rms vs Slug



Right In: 1022.544+/-0.318 χ^2/NDF : 626926.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 985.654+/-0.287 χ^2/NDF : 570472.7/15

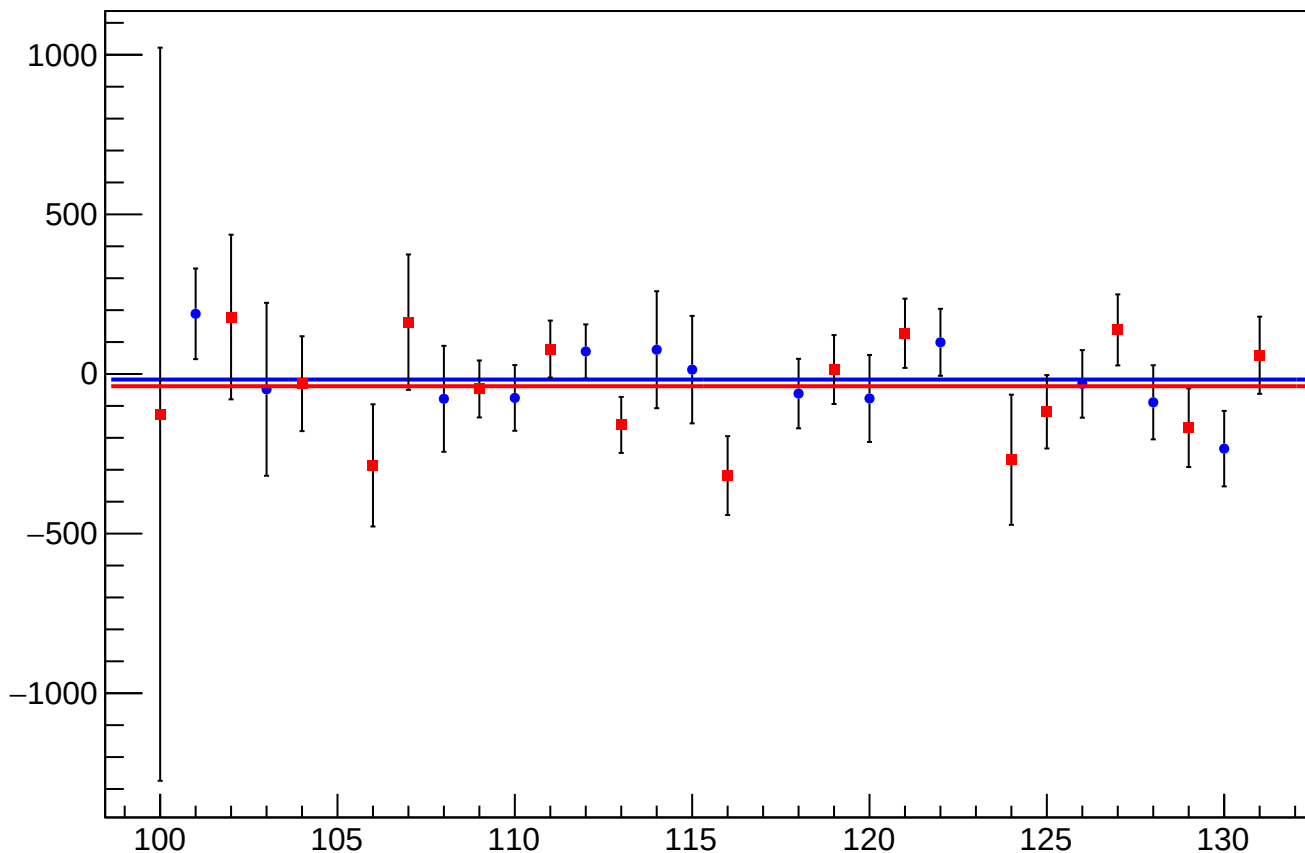
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1002.185+/-0.213 χ^2/NDF : 1204813.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_37_avg_mean vs Slug



Right In: -17.338+/-34.048 χ^2/NDF : 9.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.304+/-30.965 χ^2/NDF : 20.6/15

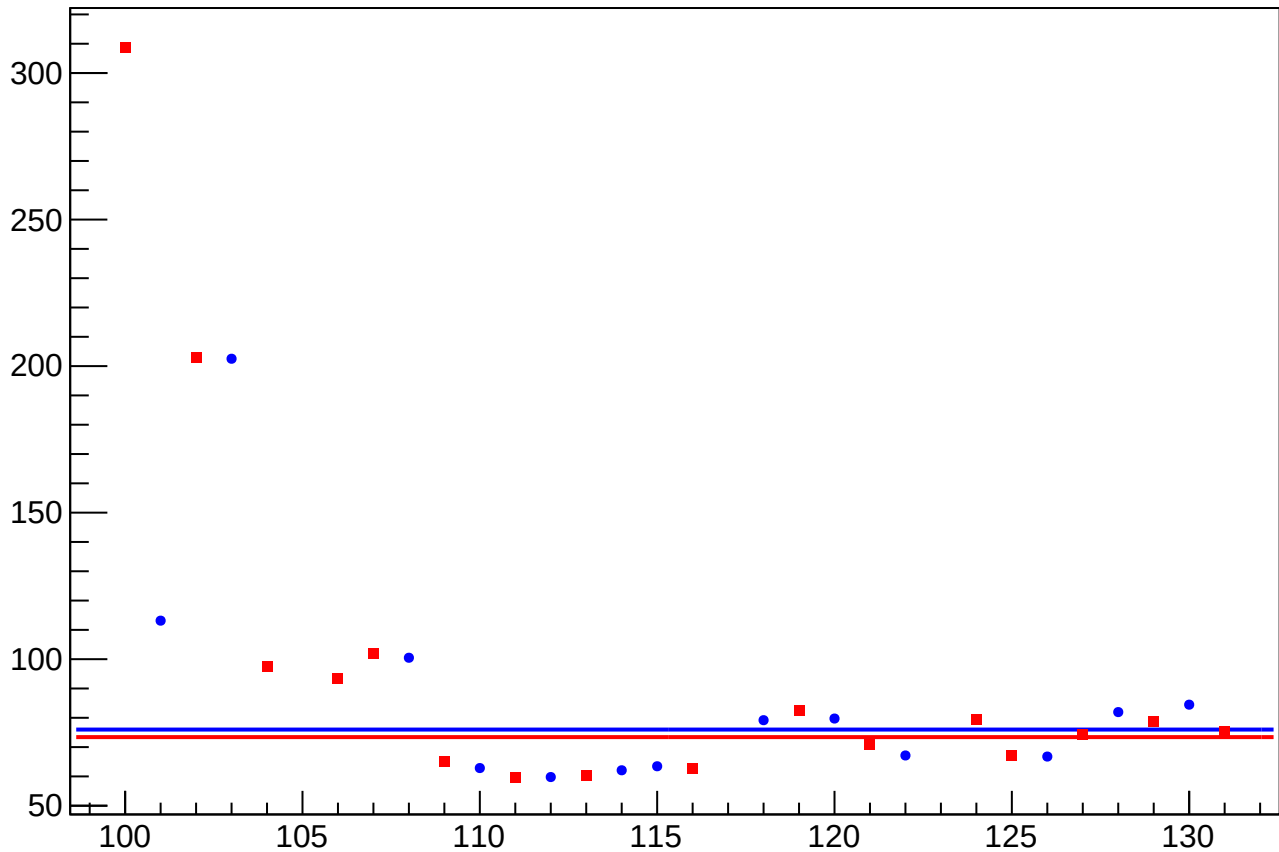
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.813+/-22.908 χ^2/NDF : 30.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_37_avg_rms vs Slug



Right In: 75.985+/-0.024 χ^2/NDF : 793419.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.409+/-0.022 χ^2/NDF : 849903.9/15

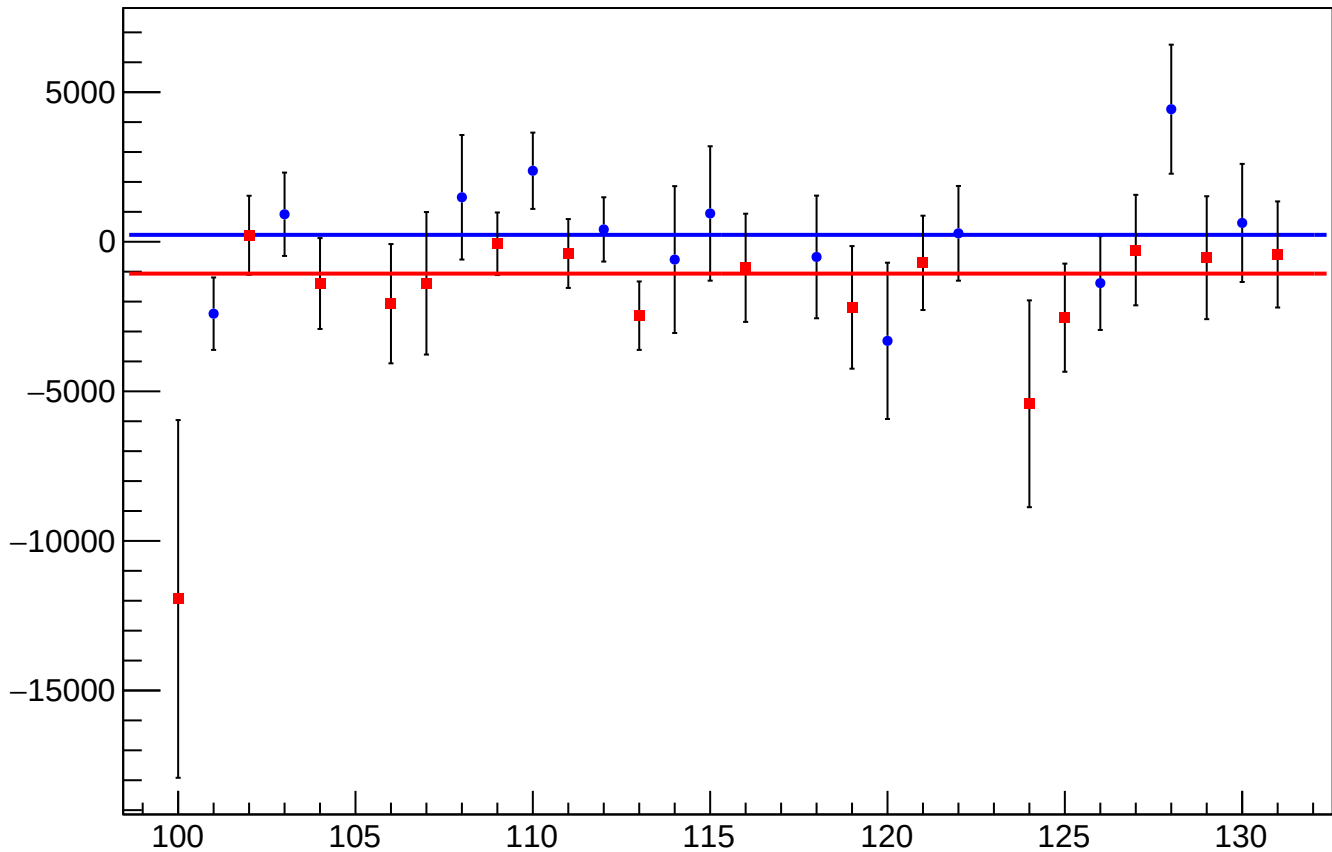
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.575+/-0.016 χ^2/NDF : 1649589.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_cor_correction_mean vs Slug



Right In: 231.061+/-450.105 χ^2/NDF : 15.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1064.731+/-405.594 χ^2/NDF : 10.3/15

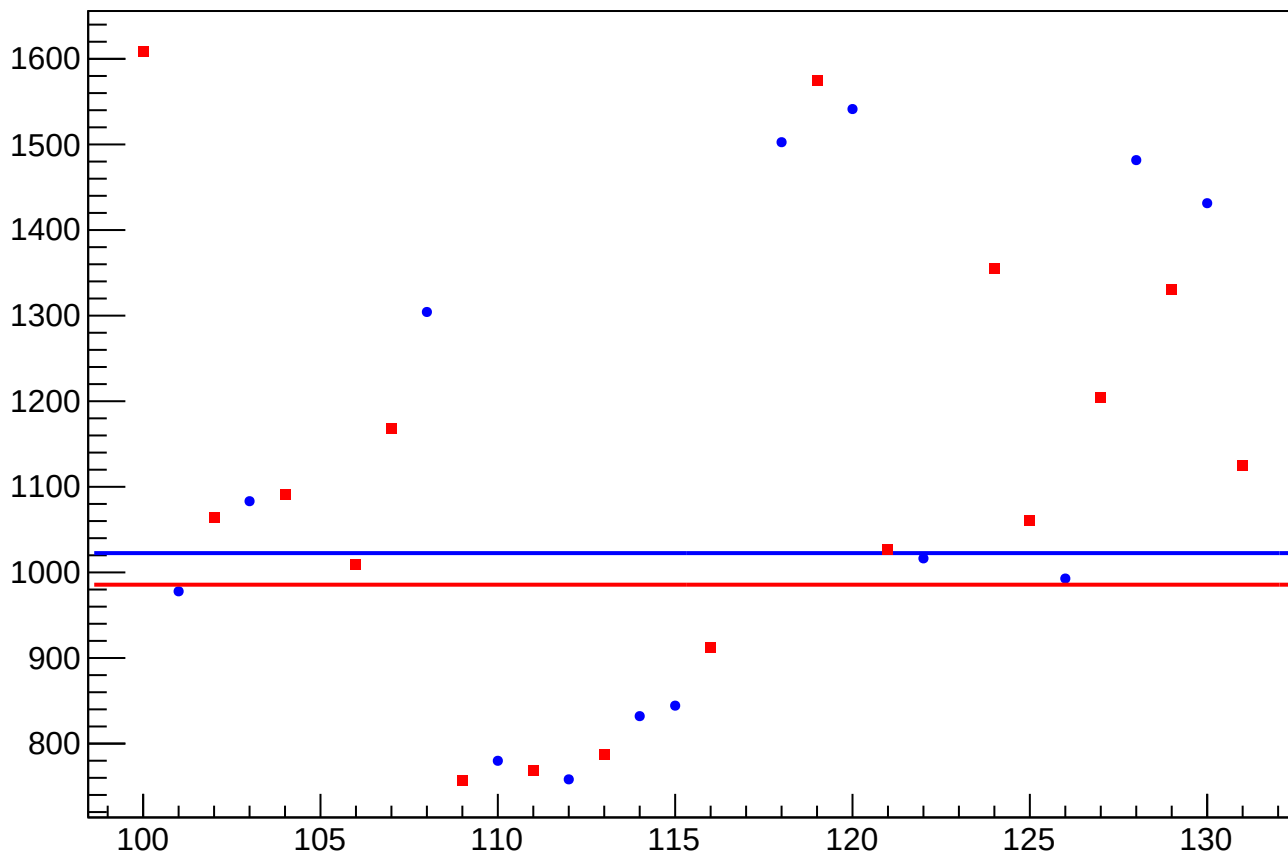
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -484.057+/-301.310 χ^2/NDF : 30.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_cor_correction_rms vs Slug



Right In: 1022.544+/-0.318 χ^2/NDF : 626926.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 985.654+/-0.287 χ^2/NDF : 570472.7/15

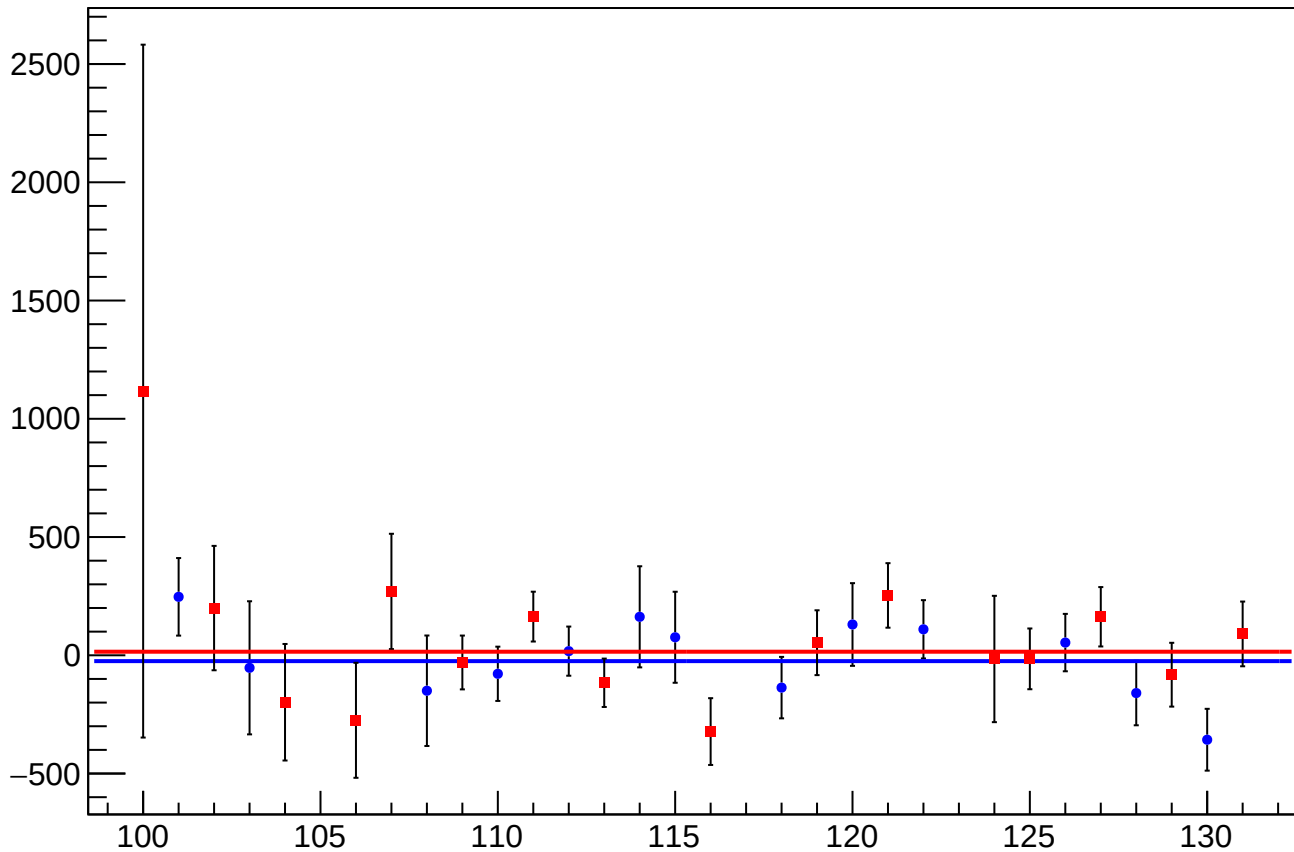
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1002.185+/-0.213 χ^2/NDF : 1204813.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_avg_mean vs Slug



Right In: -24.689 ± 40.042 χ^2/NDF : 15.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 15.131 ± 36.973 χ^2/NDF : 19.2/15

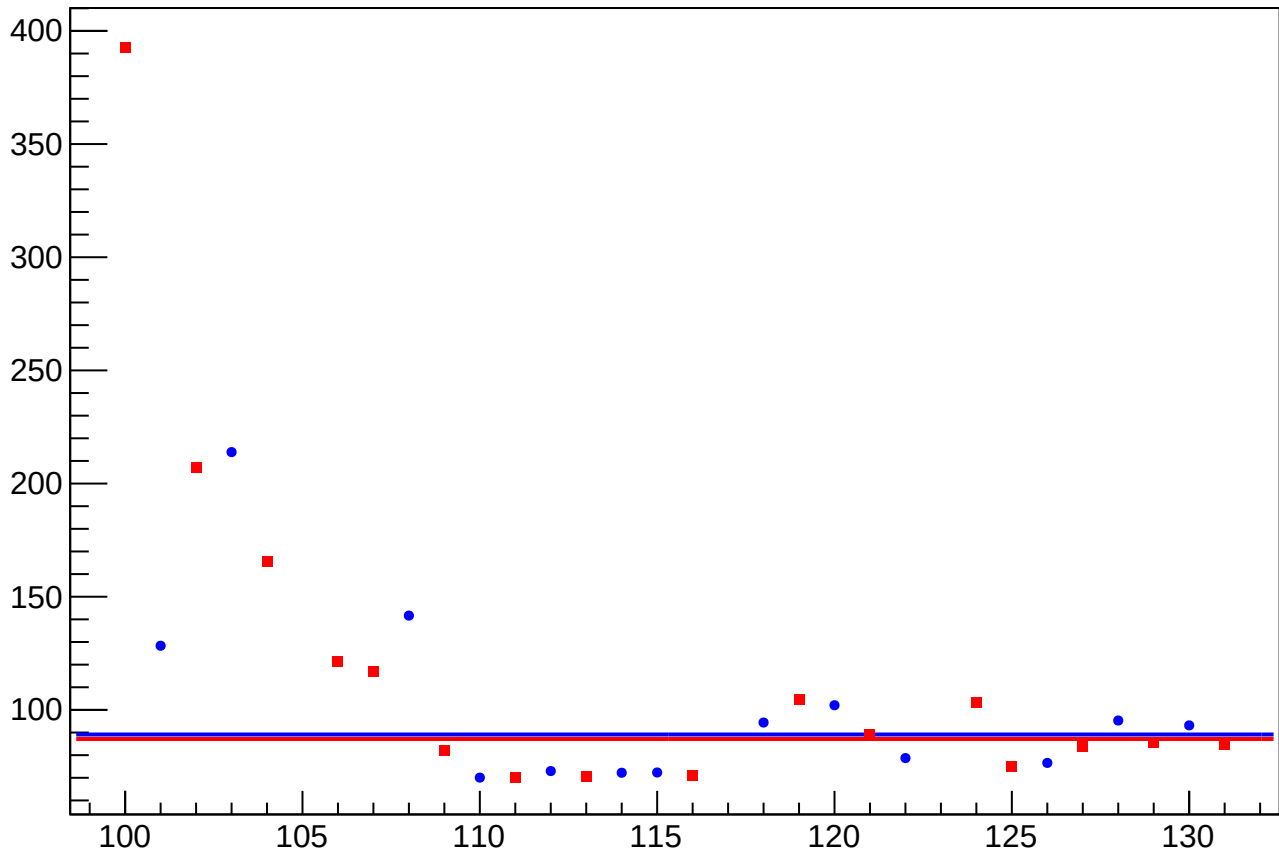
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.195 ± 27.164 χ^2/NDF : 34.8/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_avg_rms vs Slug



Right In: 89.128+/-0.028 χ^2/NDF : 795757.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.143+/-0.026 χ^2/NDF : 972270.4/15

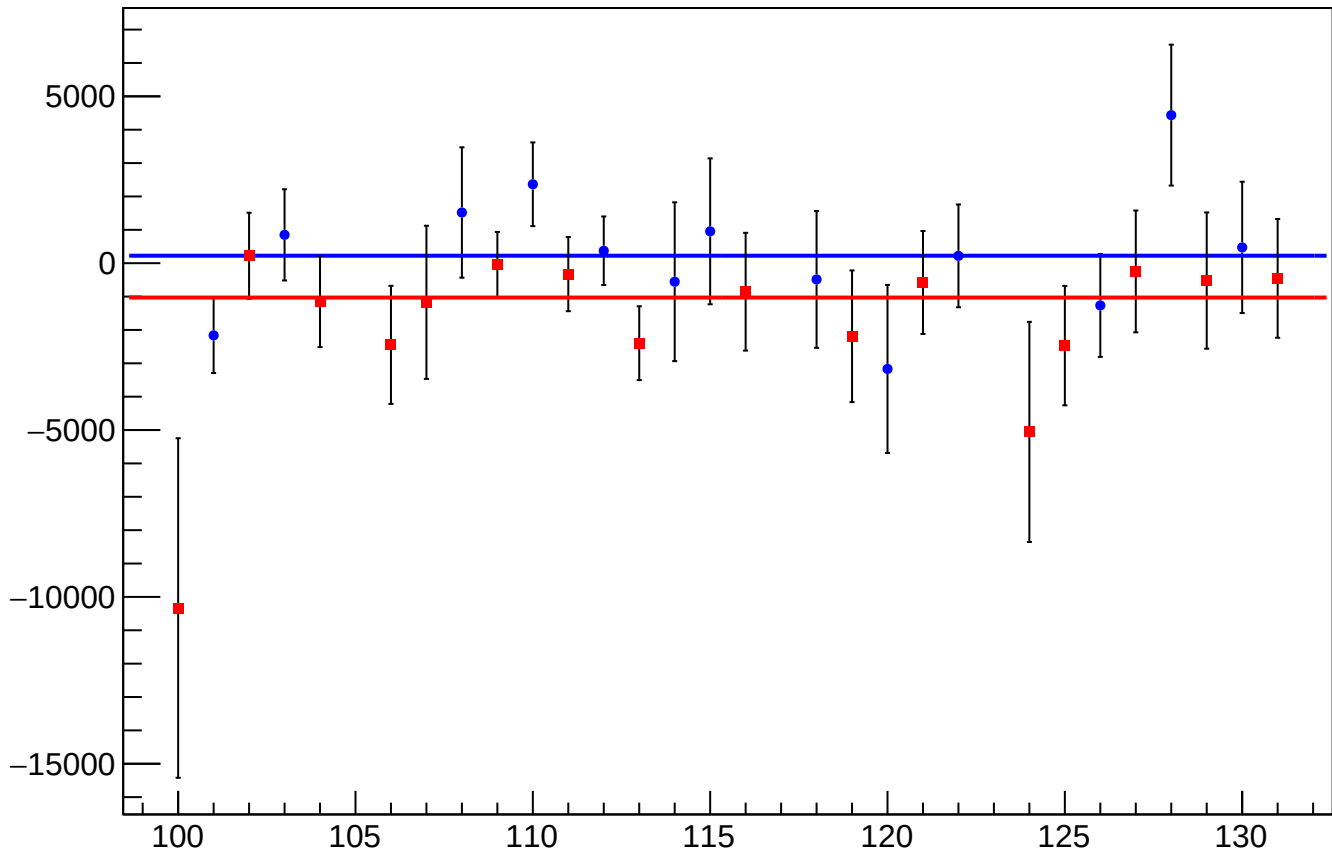
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.056+/-0.019 χ^2/NDF : 1770679.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_dit_correction_mean vs Slug



Right In: 224.027+/-435.561 χ^2/NDF : 15.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1029.795+/-388.809 χ^2/NDF : 10.8/15

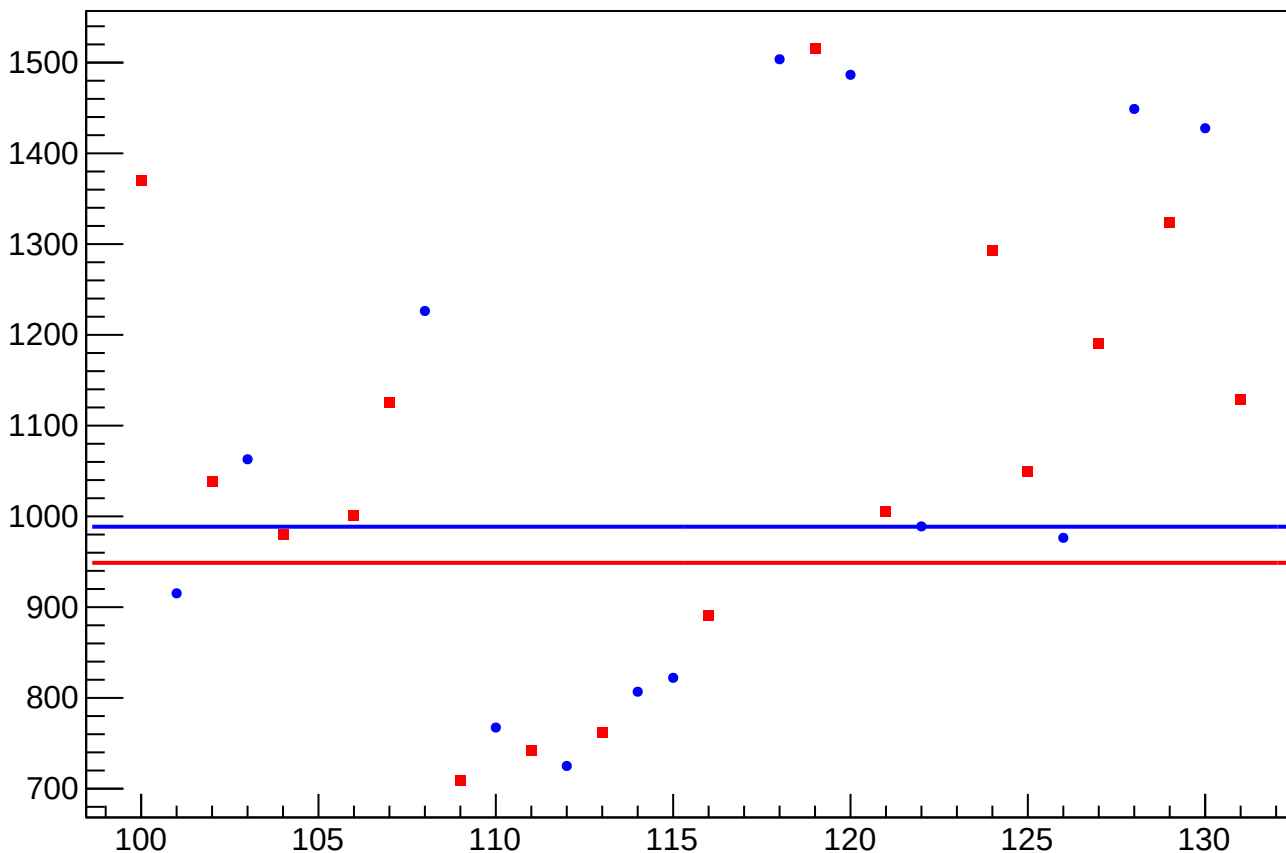
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -473.763+/-290.055 χ^2/NDF : 30.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_dit_correction_rms vs Slug



Right In: 988.627+/-0.308 χ^2/NDF : 660576.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 948.820+/-0.275 χ^2/NDF : 605081.7/15

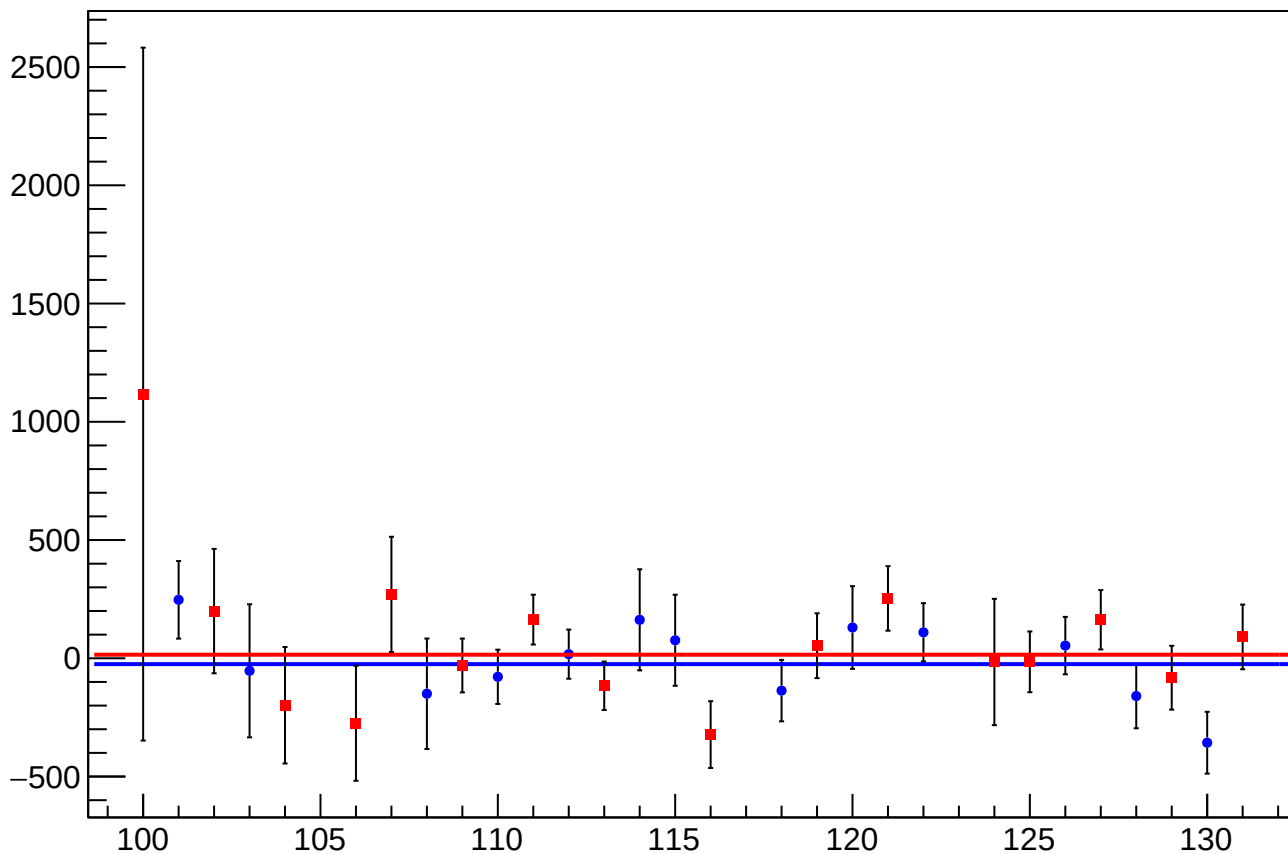
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 966.473+/-0.205 χ^2/NDF : 1274955.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_37_avg_mean vs Slug



Right In: -24.691 $\pm$ 40.042 χ^2 /NDF: 15.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.134 $\pm$ 36.973 χ^2 /NDF: 19.2/15

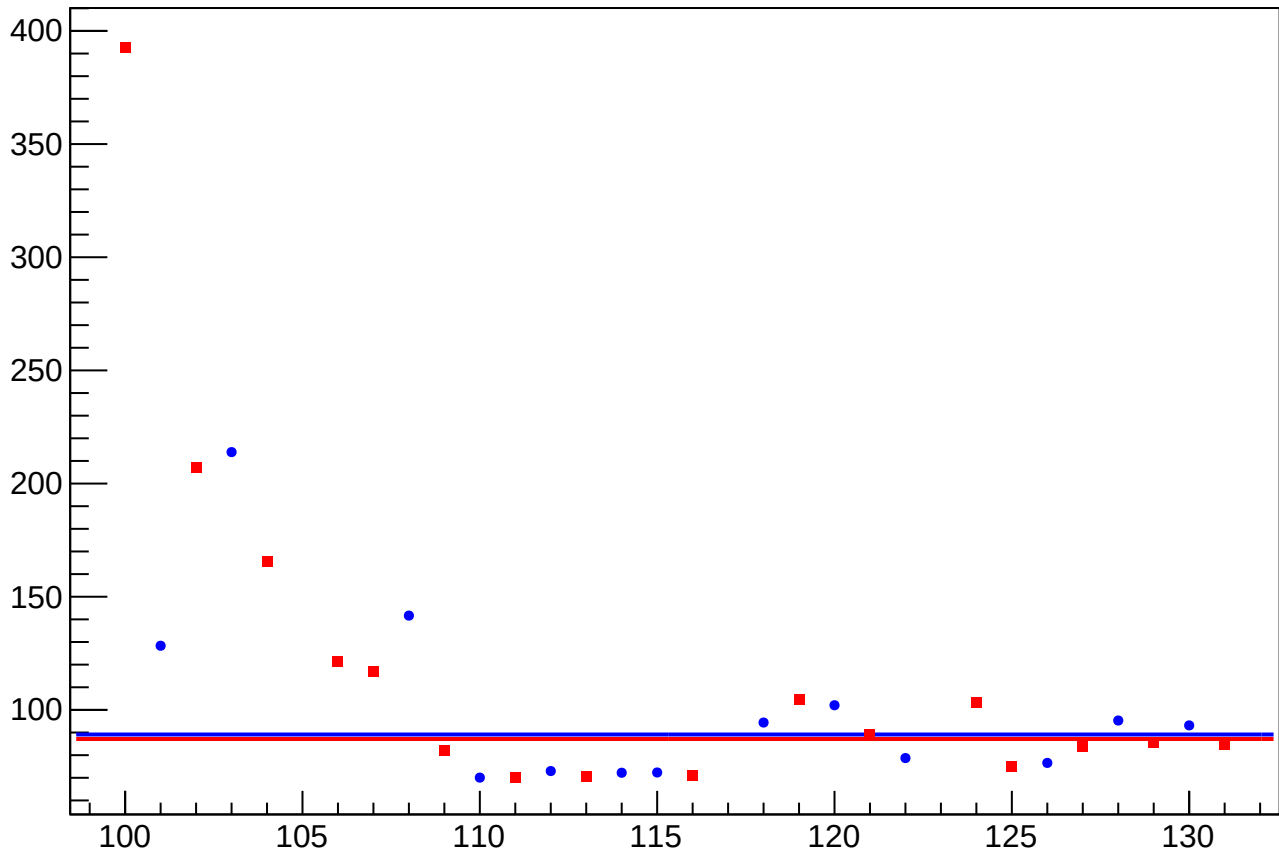
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.194 $\pm$ 27.164 χ^2 /NDF: 34.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_37_avg_rms vs Slug



Right In: 89.128+/-0.028 χ^2/NDF : 795741.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.143+/-0.026 χ^2/NDF : 972262.7/15

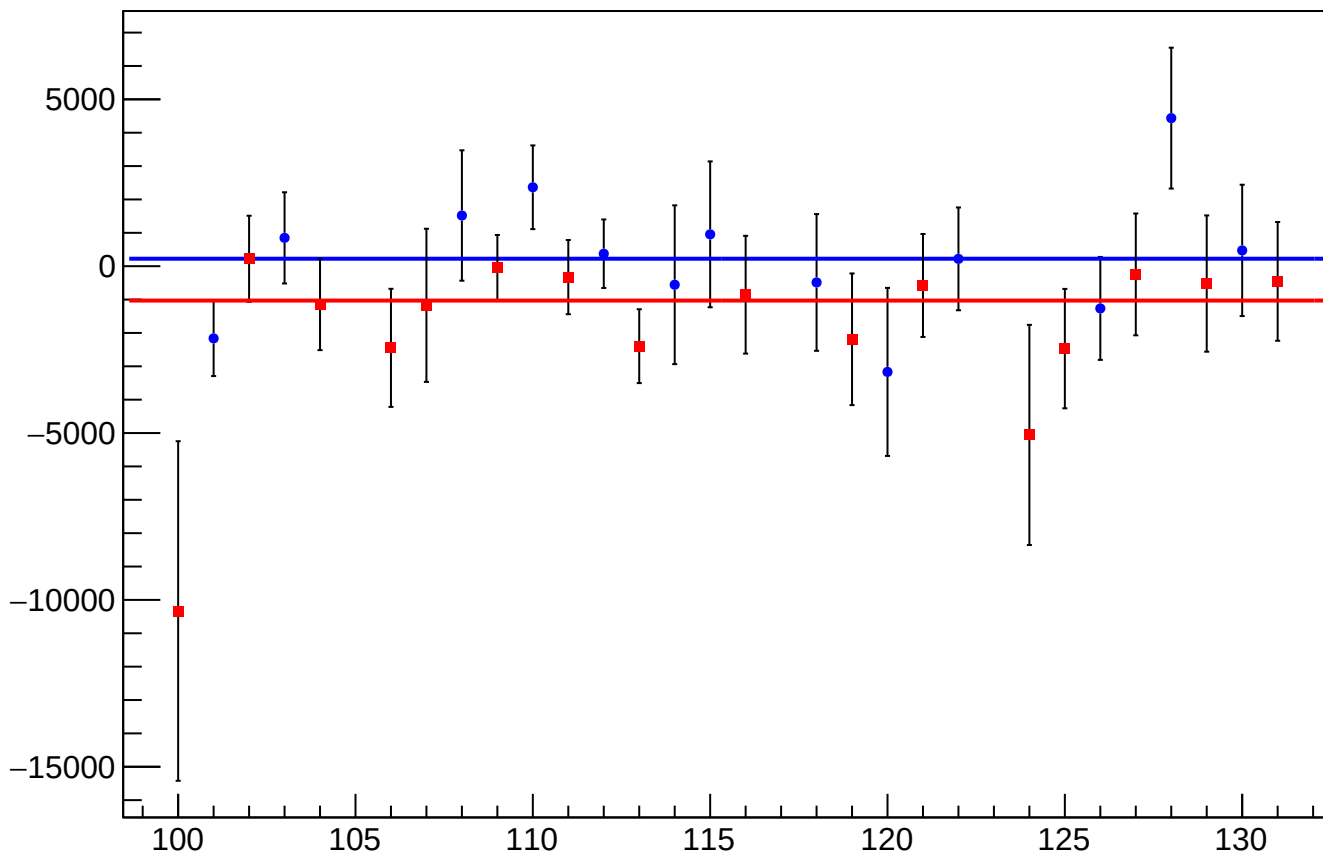
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.057+/-0.019 χ^2/NDF : 1770657.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_dit_correction_mean vs Slug



Right In: 224.026 $\pm$ 435.560 χ^2 /NDF: 15.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1029.793 $\pm$ 388.808 χ^2 /NDF: 10.8/15

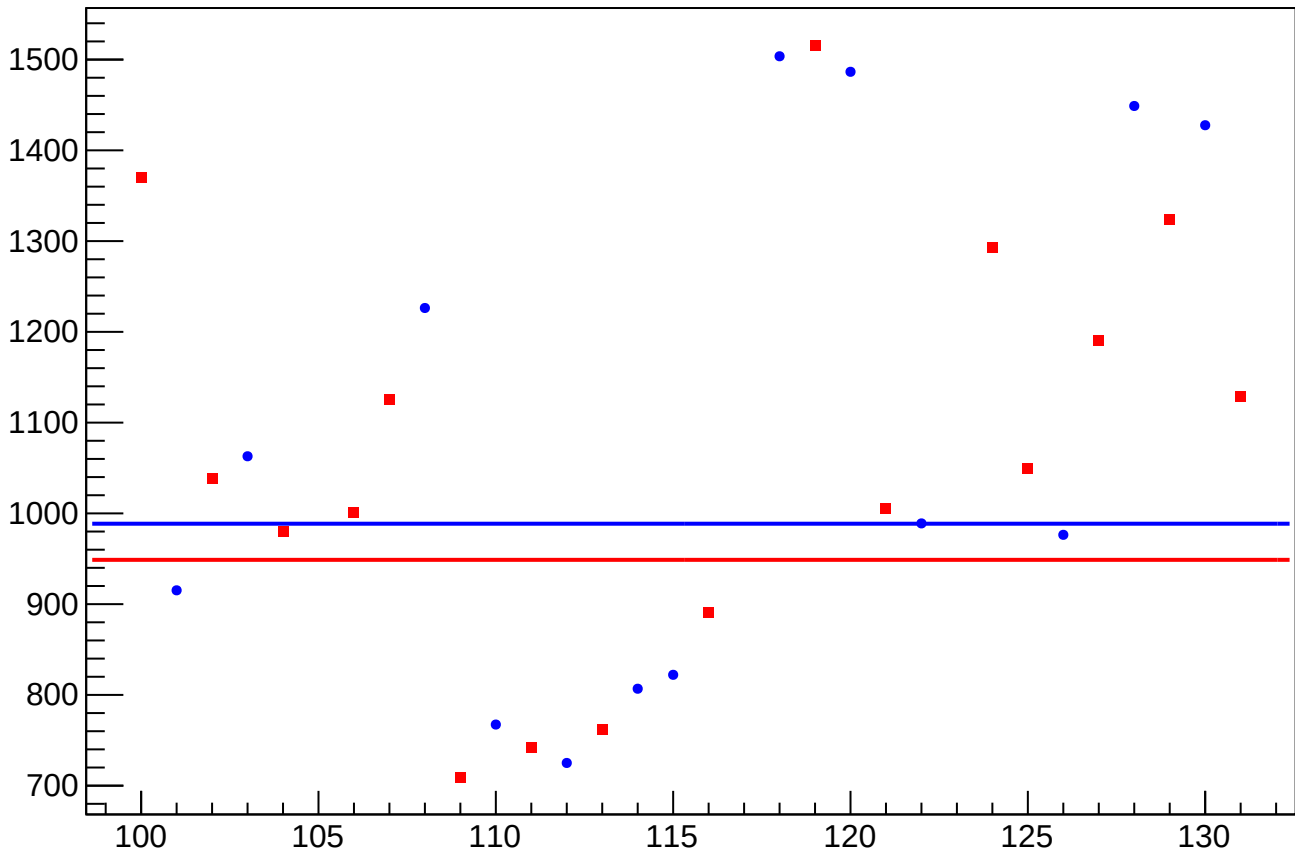
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -473.763 $\pm$ 290.055 χ^2 /NDF: 30.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_eigen_dit_correction_rms vs Slug



Right In: 988.625+/-0.308 χ^2/NDF : 660580.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 948.817+/-0.275 χ^2/NDF : 605082.2/15

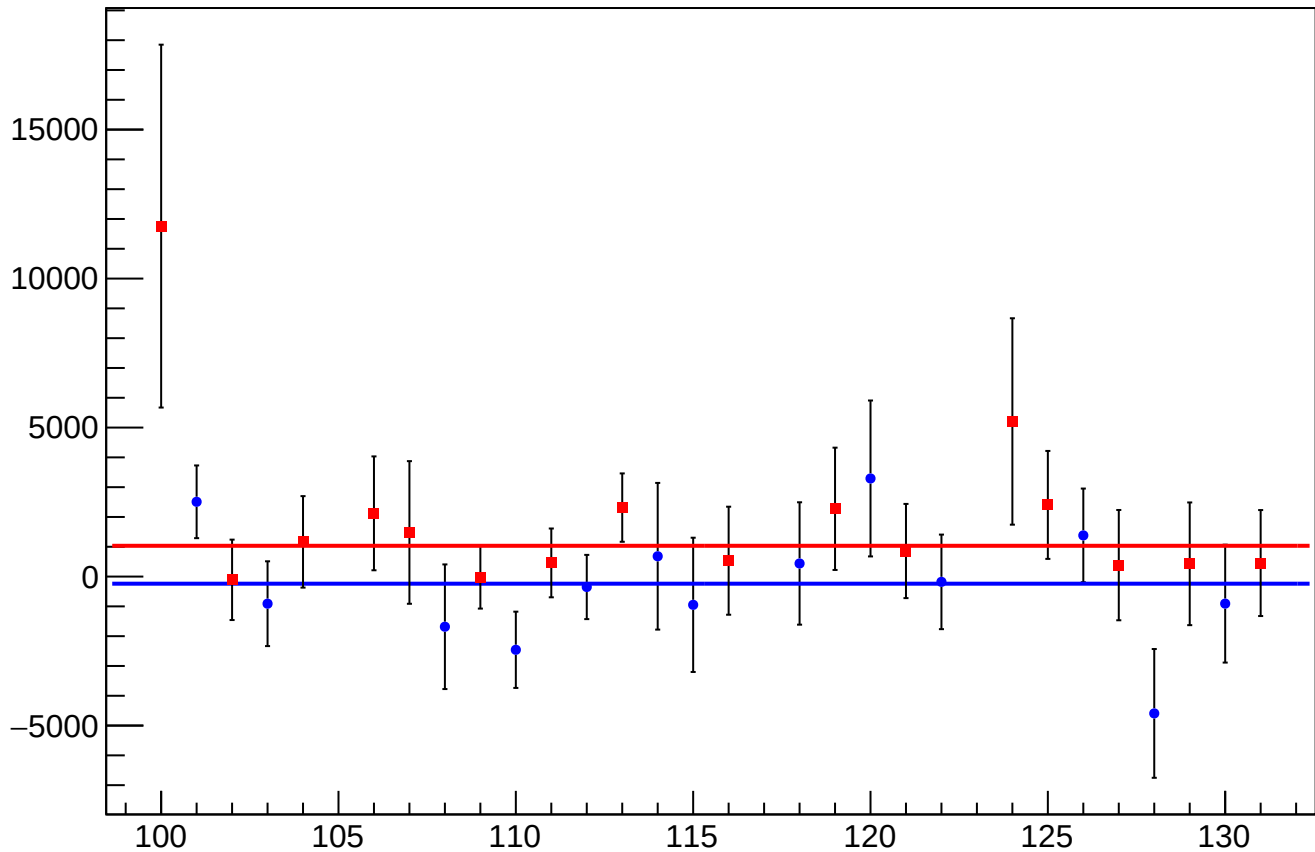
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 966.471+/-0.205 χ^2/NDF : 1274960.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_mean vs Slug



Right In: -238.912 ± 452.524 χ^2/NDF : 16.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1032.923 ± 406.844 χ^2/NDF : 9.5/15

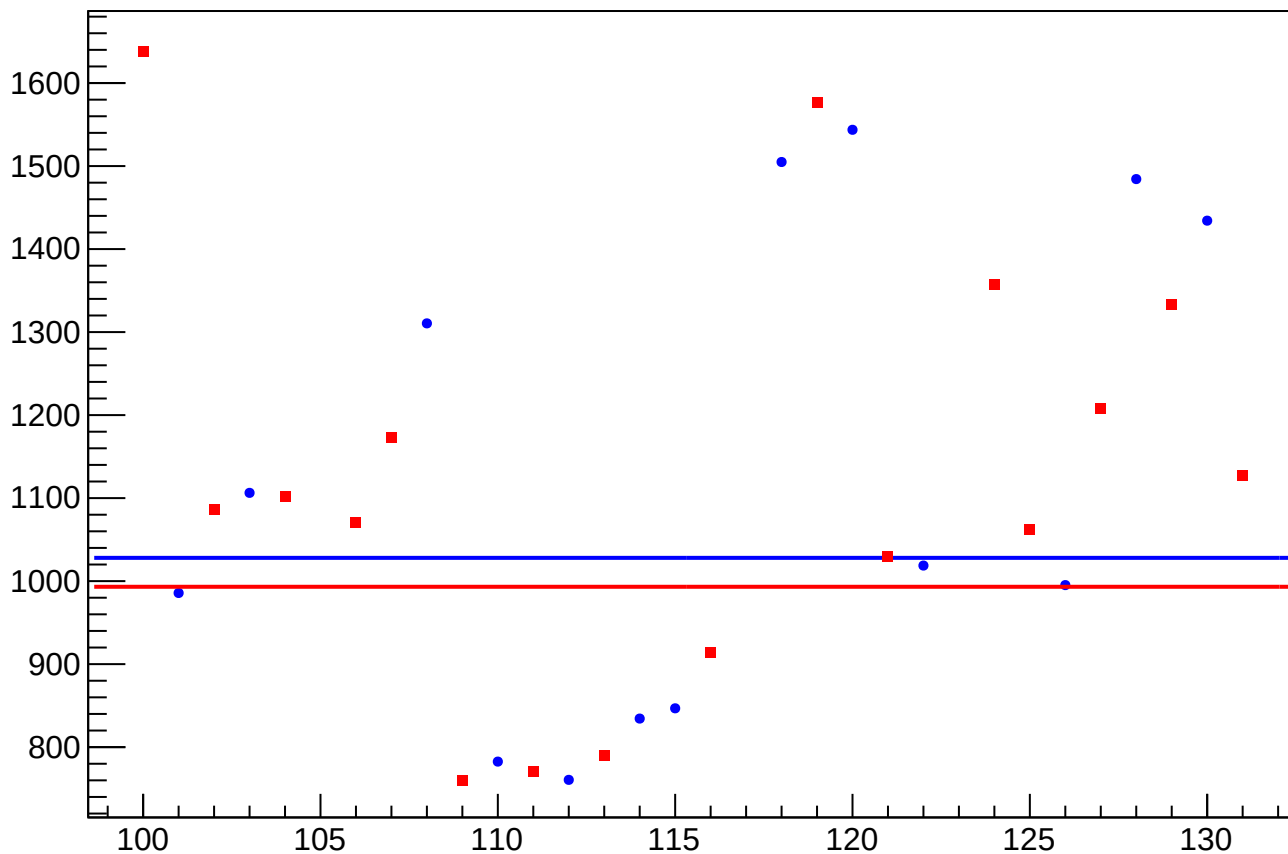
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 464.420 ± 302.547 χ^2/NDF : 30.1/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_rms vs Slug



Right In: 1028.036+/-0.320 χ^2/NDF : 627056.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 993.194+/-0.288 χ^2/NDF : 577184.2/15

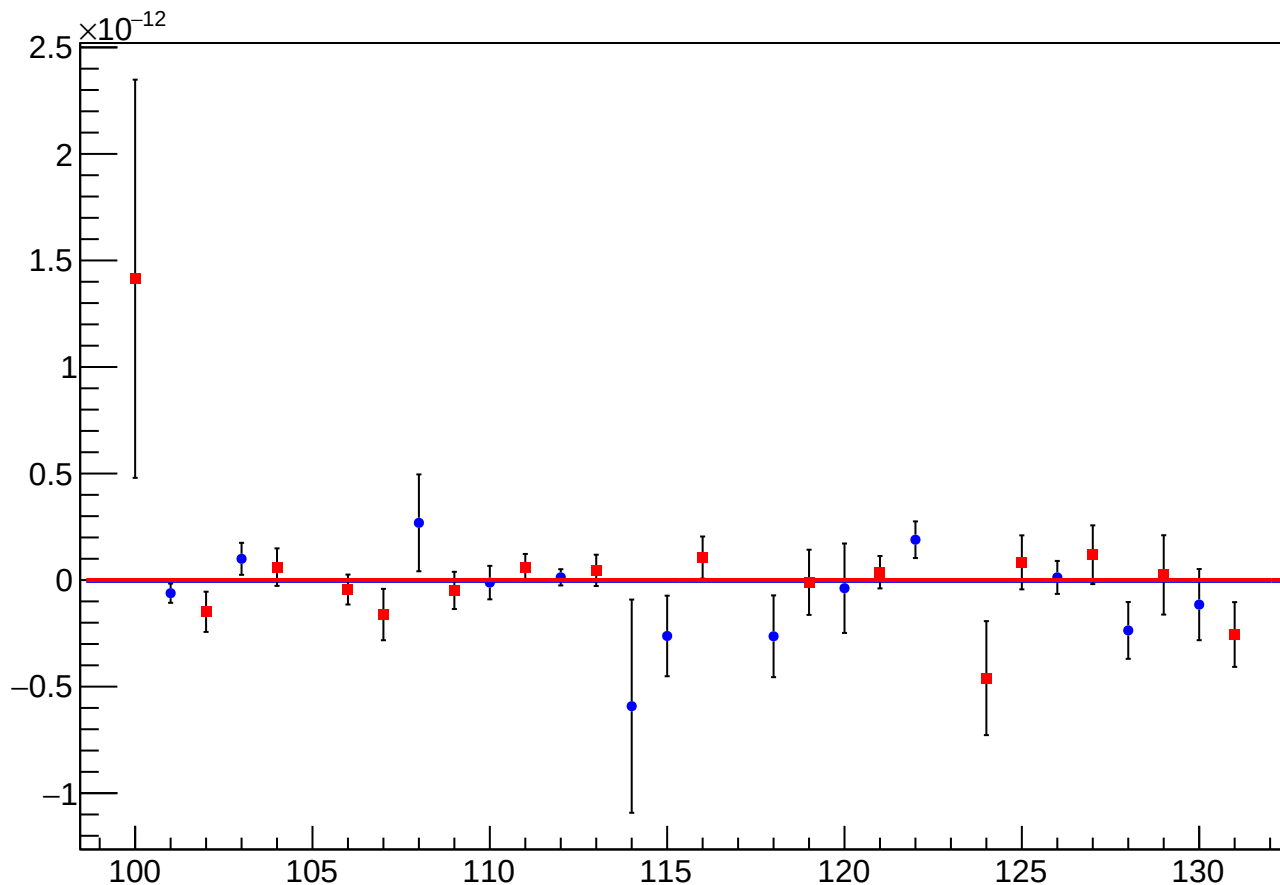
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1008.768+/-0.214 χ^2/NDF : 1210796.9/28

- 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+/-0.000 χ^2/NDF : 18.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.4/15

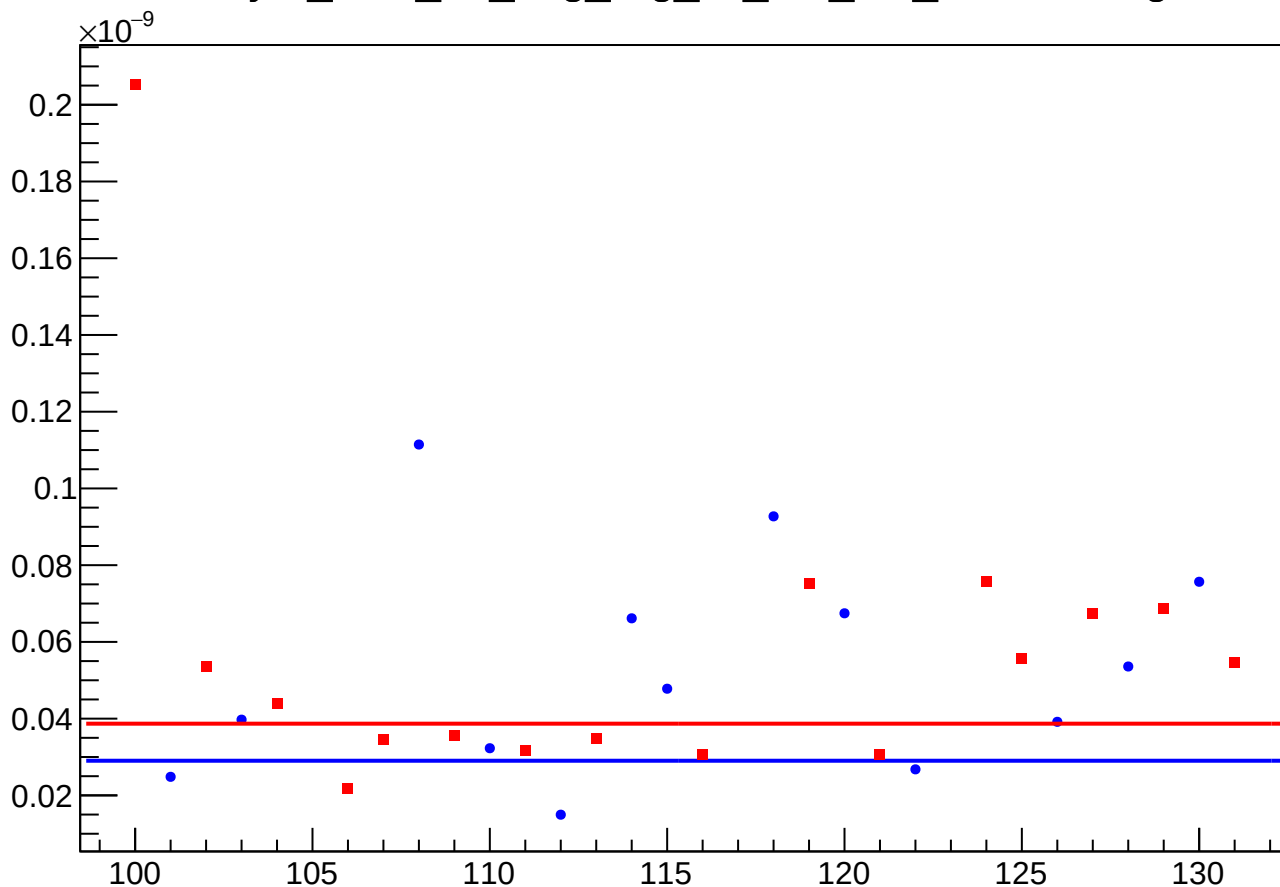
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 36.2/28

- sign 0.000+/-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 : 1174724.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 655553.8/15

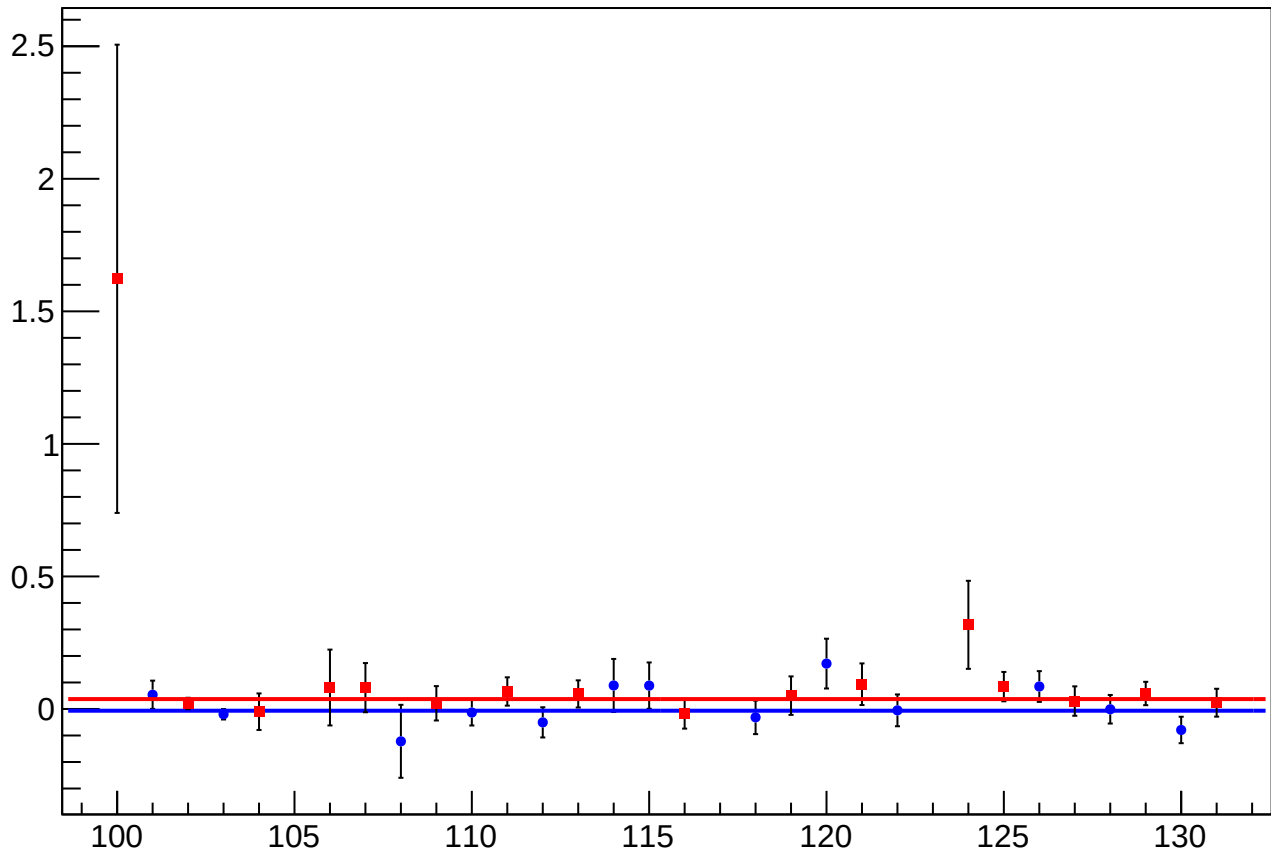
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1996387.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.007 ± 0.013 χ^2/NDF : 13.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.037 ± 0.013 χ^2/NDF : 10.5/15

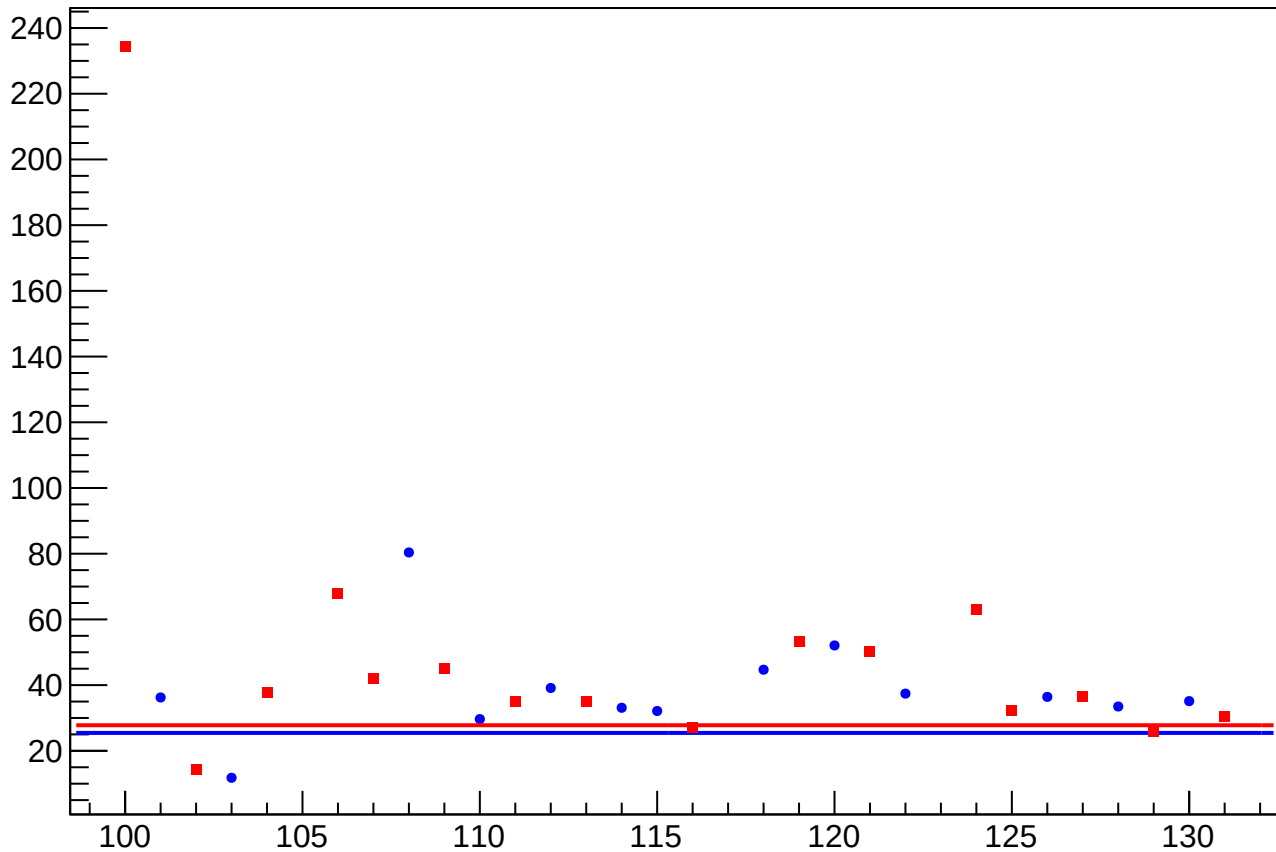
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.016 ± 0.009 χ^2/NDF : 29.5/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_dit_vs_cor_diff_rms vs Slug



Right In: 25.453+/-0.009 χ^2/NDF : 2136574.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.788+/-0.009 χ^2/NDF : 1936843.0/15

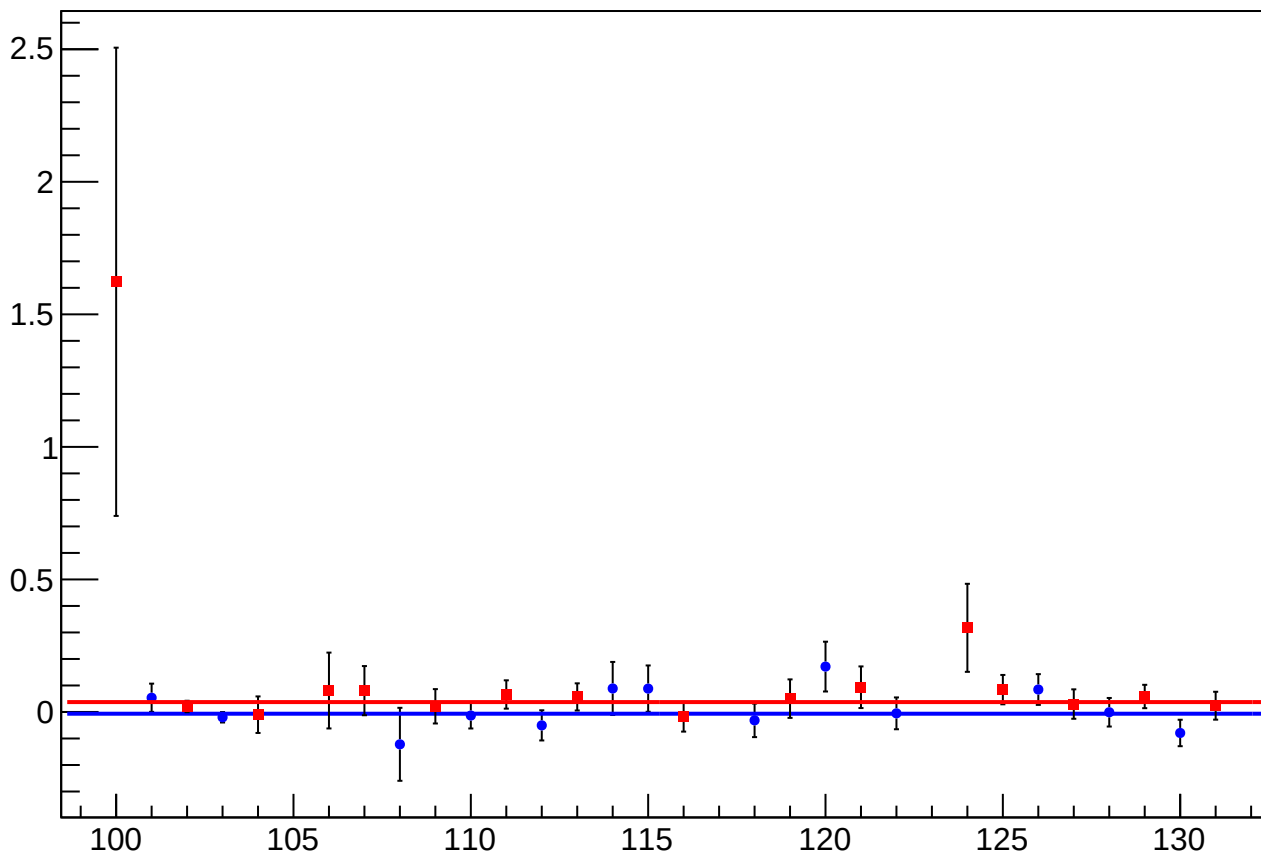
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.630+/-0.007 χ^2/NDF : 4104419.7/28

- 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 : 13.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.037 ± 0.013 χ^2/NDF : 10.5/15

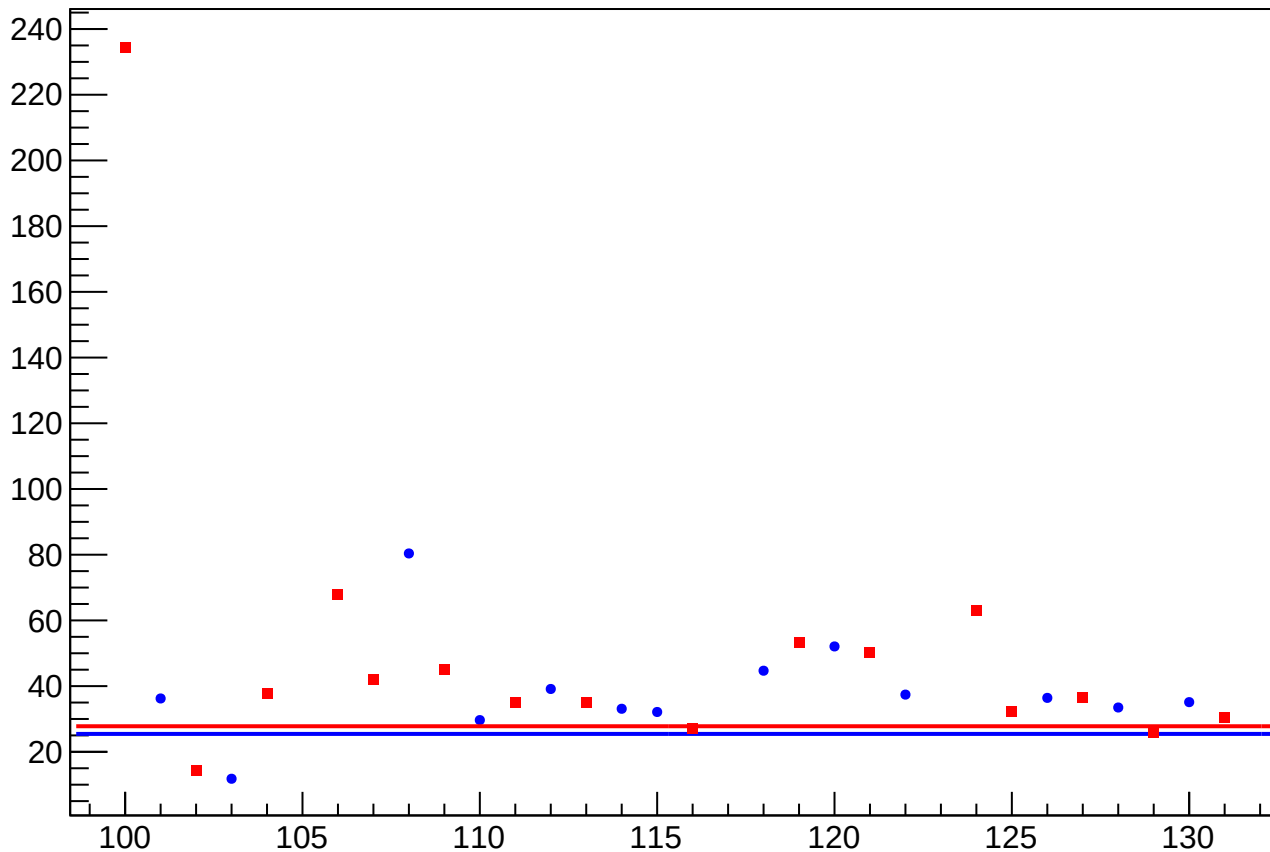
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.016 ± 0.009 χ^2/NDF : 29.5/28

- 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: 25.453+/-0.009 χ^2/NDF : 2136574.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.788+/-0.009 χ^2/NDF : 1936843.0/15

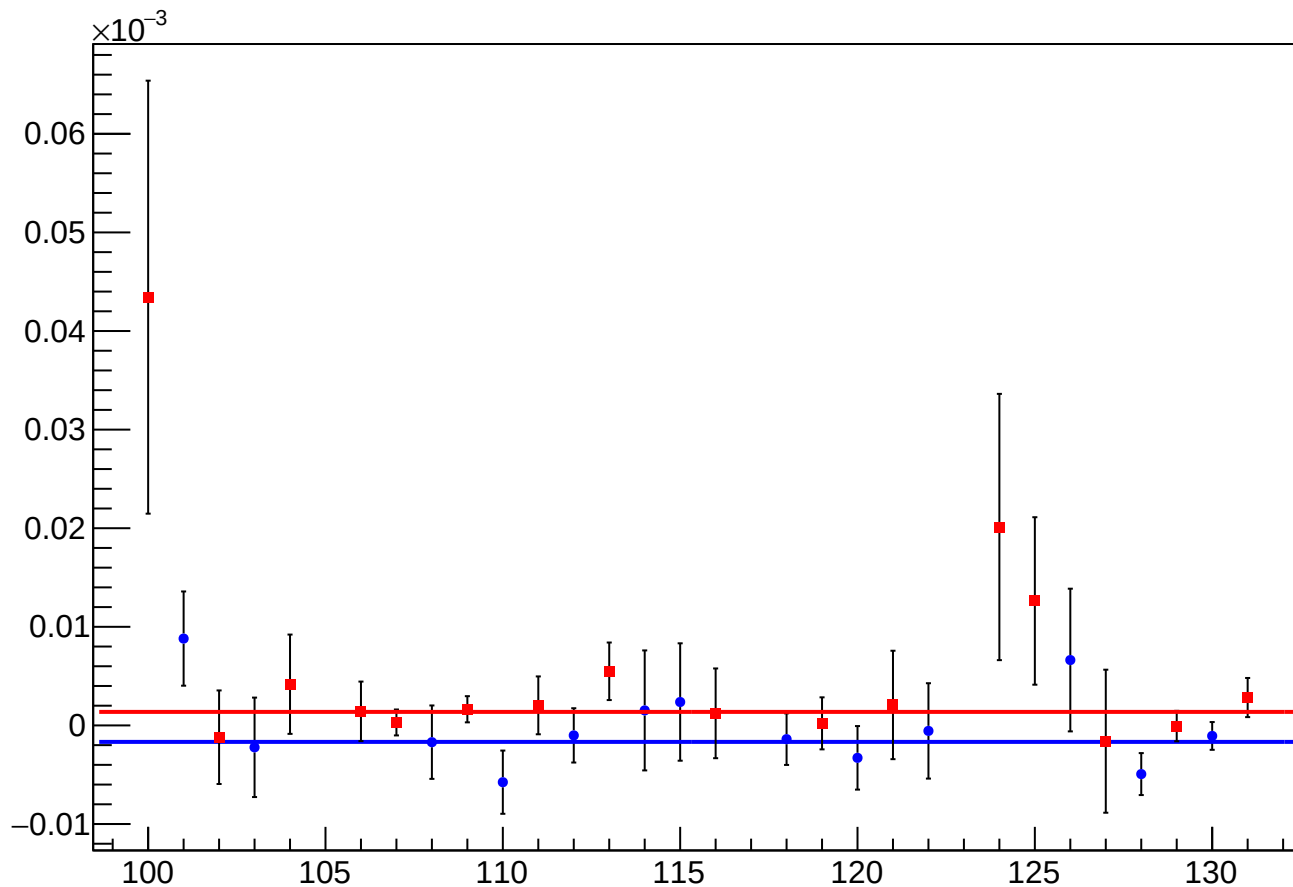
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.630+/-0.007 χ^2/NDF : 4104419.7/28

- 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: 11.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.5/15

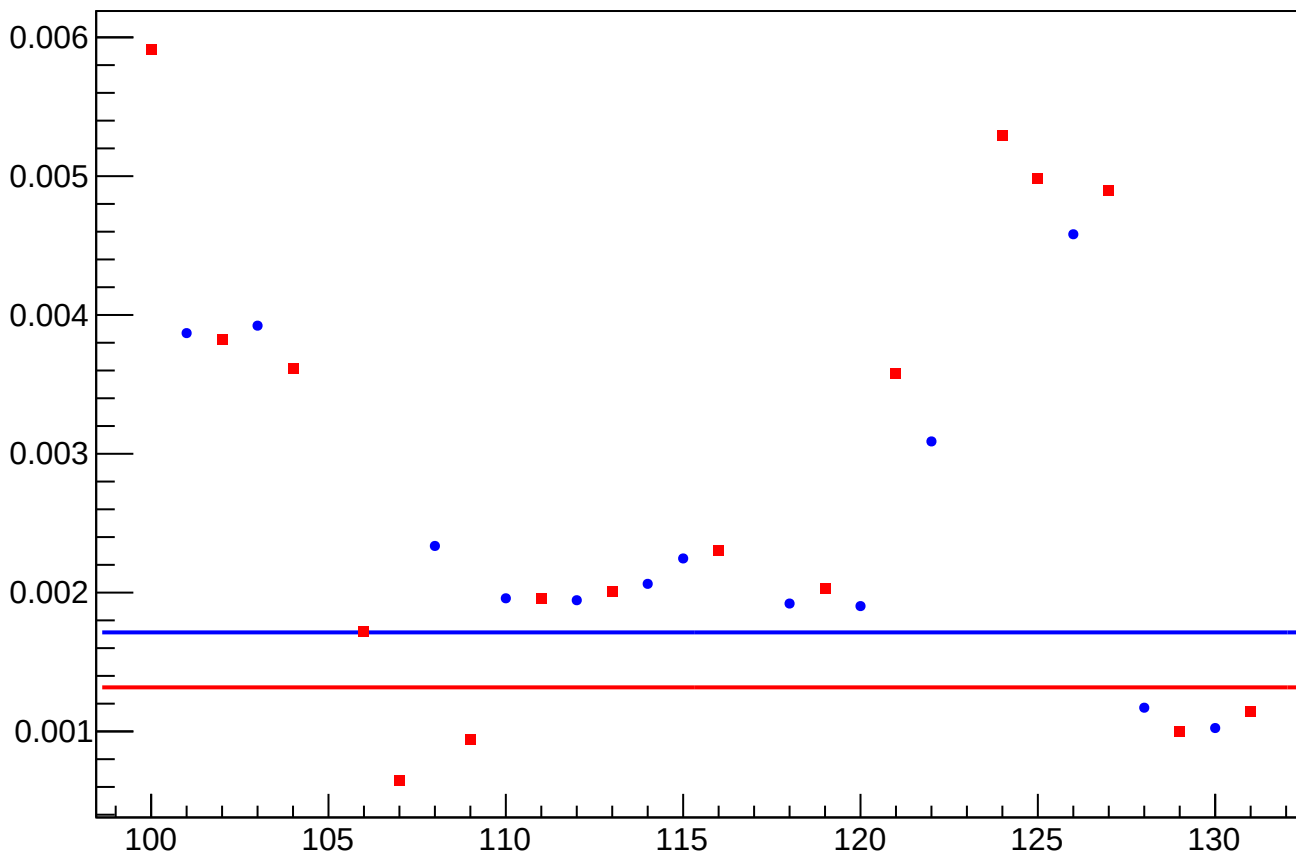
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 32.5/28

- 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 : 1999968.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3696329.2/15

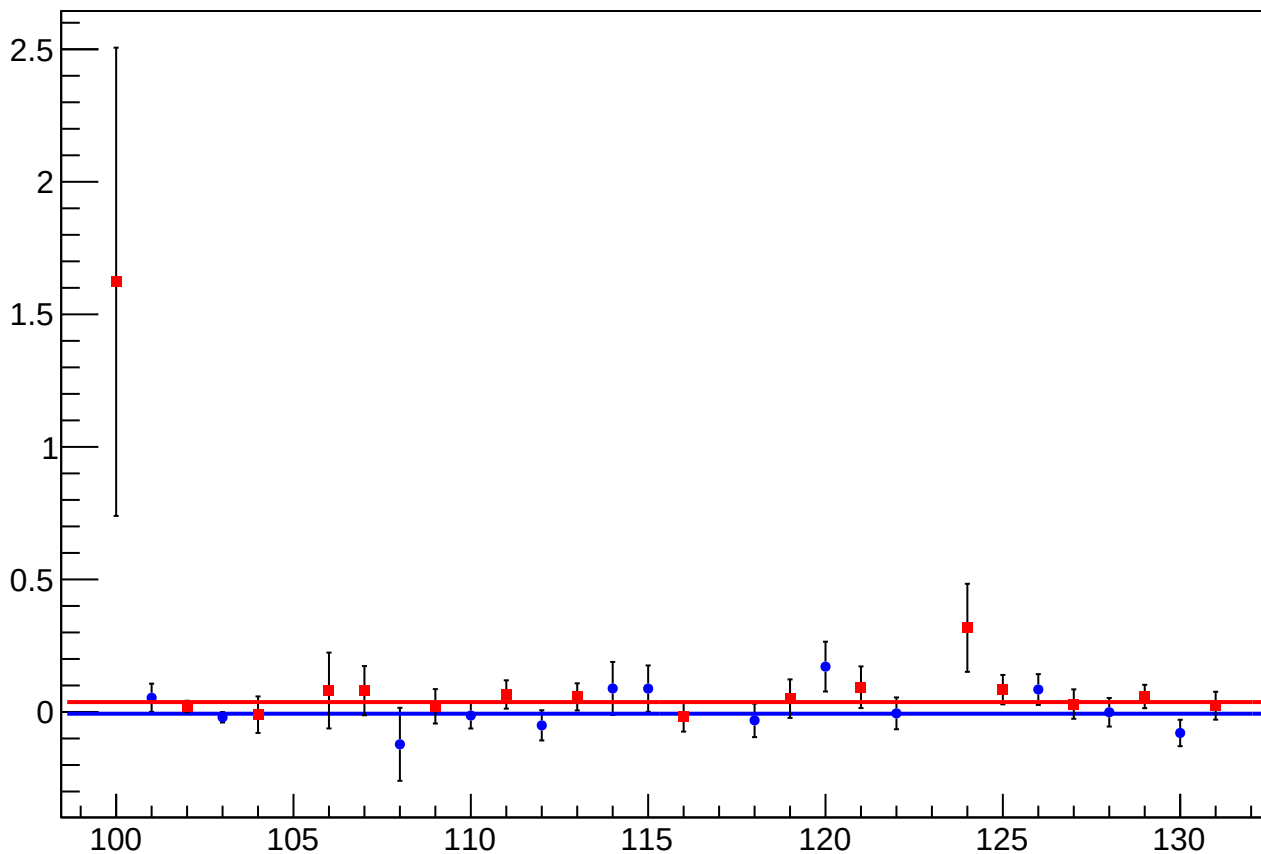
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5987059.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.007 ± 0.013 χ^2/NDF : 13.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.037 ± 0.013 χ^2/NDF : 10.5/15

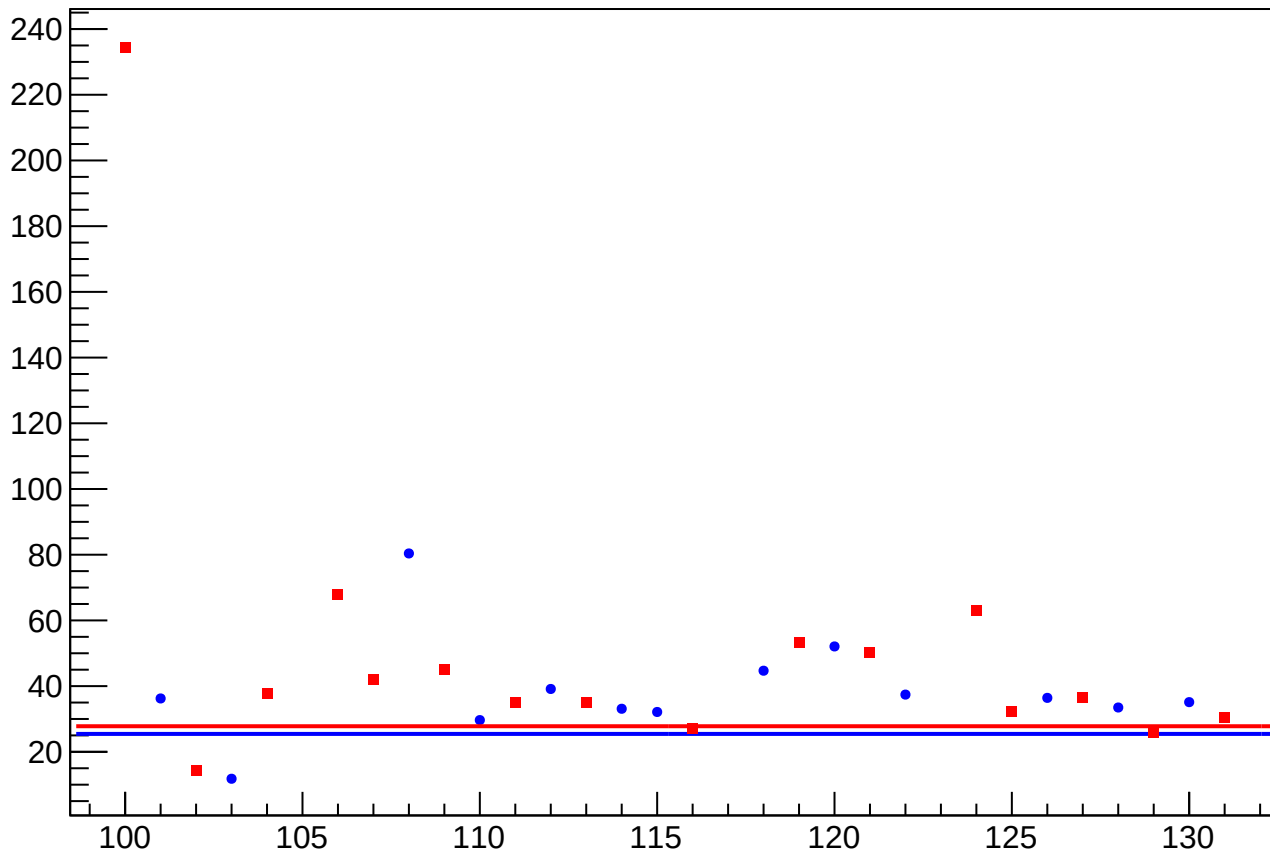
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.016 ± 0.009 χ^2/NDF : 29.5/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 25.453+/-0.009 χ^2/NDF : 2136885.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.791+/-0.009 χ^2/NDF : 1936330.2/15

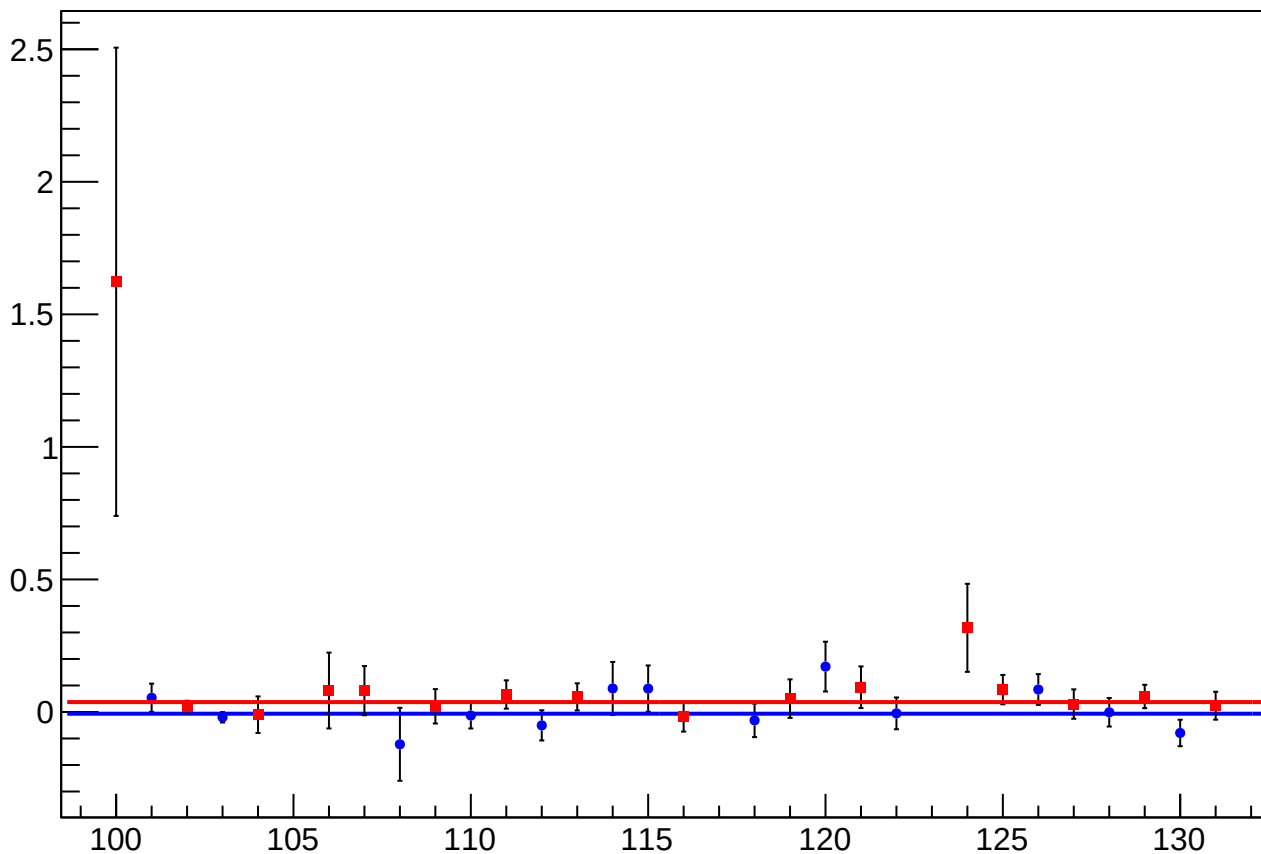
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.631+/-0.007 χ^2/NDF : 4104312.7/28

- 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 : 13.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.037 ± 0.013 χ^2/NDF : 10.5/15

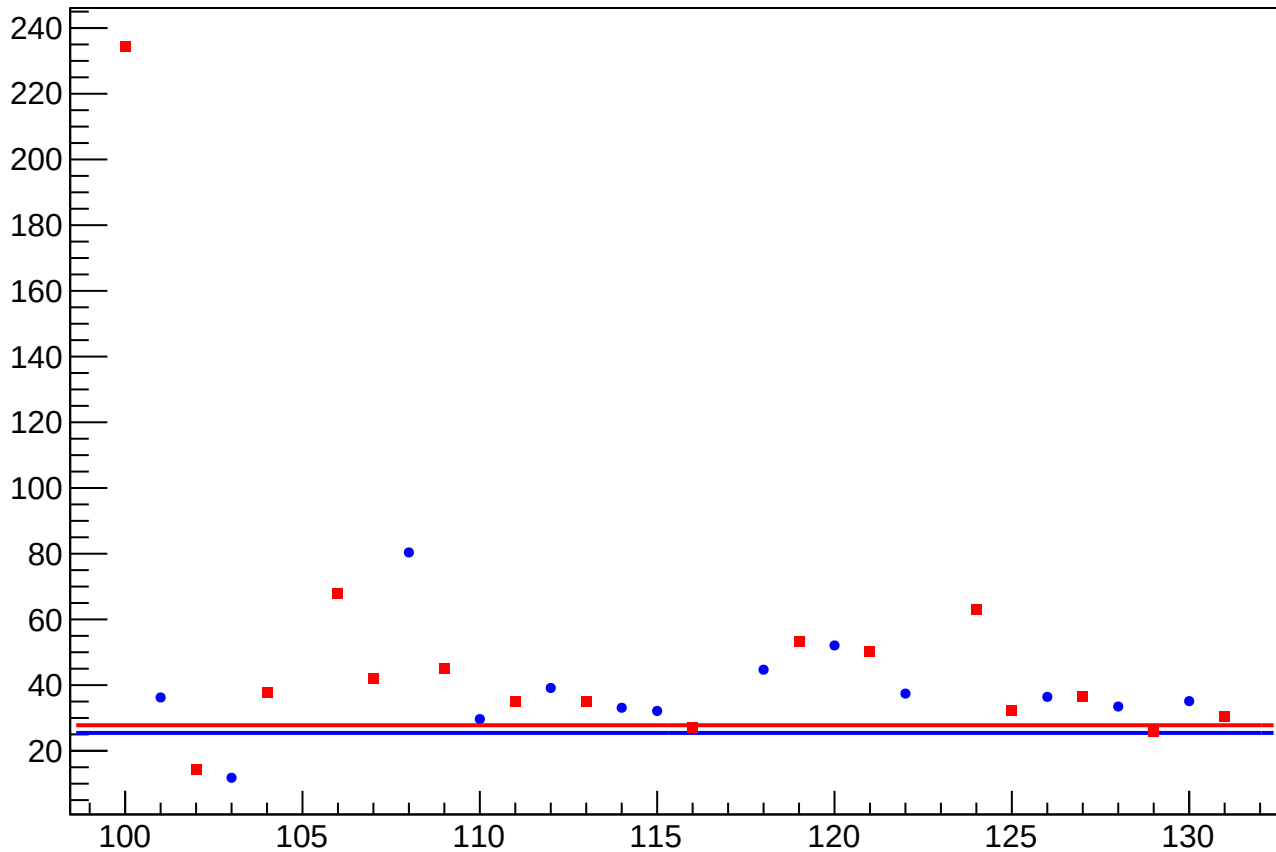
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.016 ± 0.009 χ^2/NDF : 29.5/28

- 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: 25.453+/-0.009 χ^2/NDF : 2136885.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.791+/-0.009 χ^2/NDF : 1936330.2/15

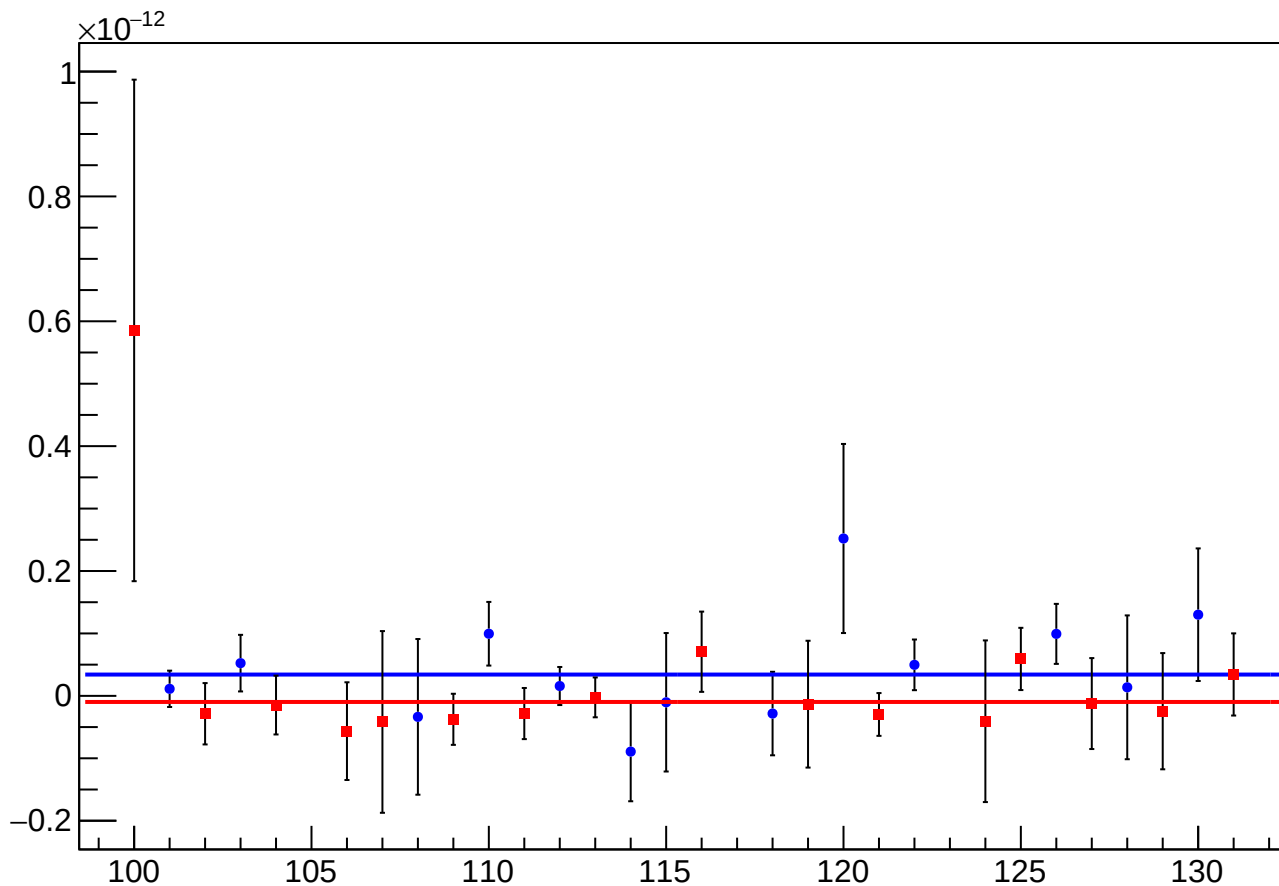
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.631+/-0.007 χ^2/NDF : 4104312.7/28

- 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: 11.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.8/15

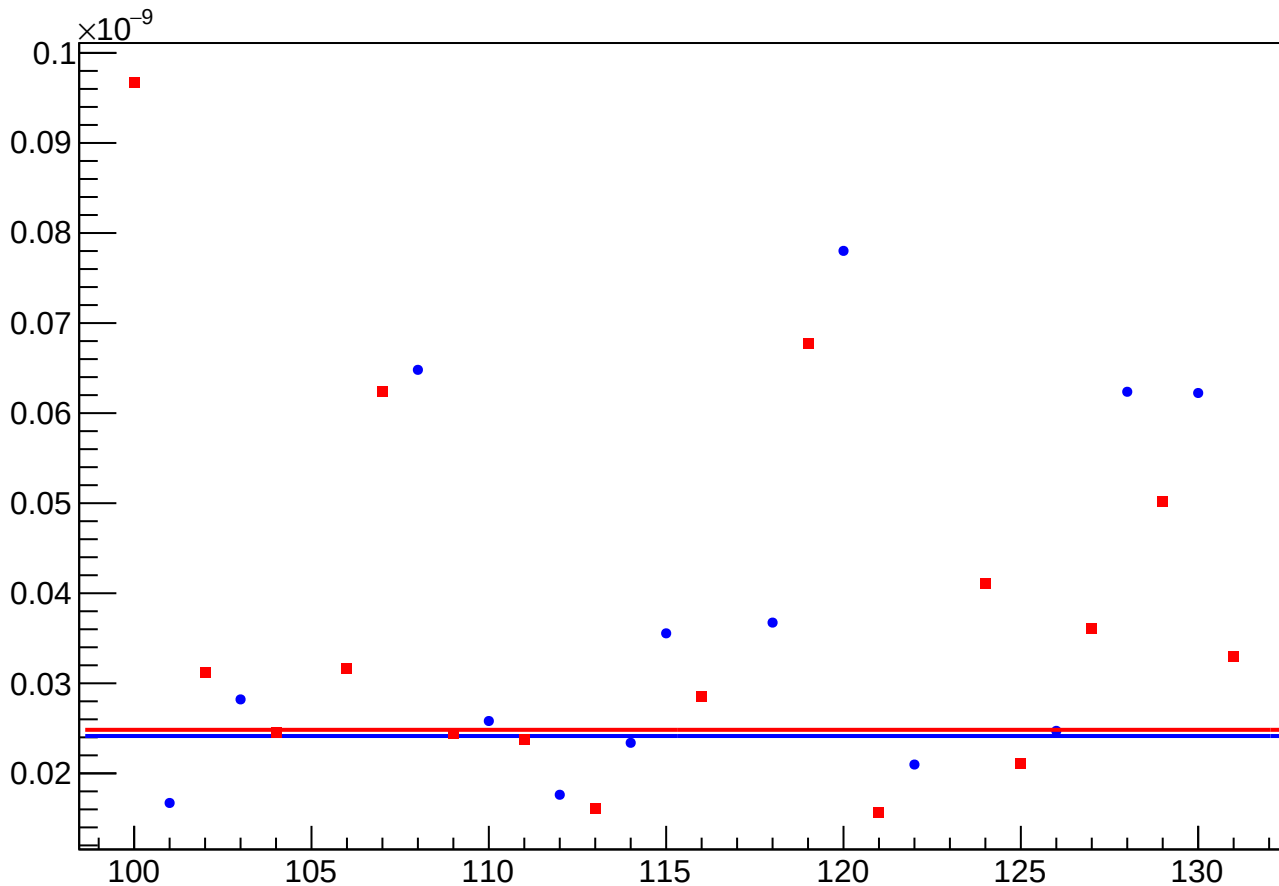
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 24.2/28

- 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 : 1288348.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1175028.8/15

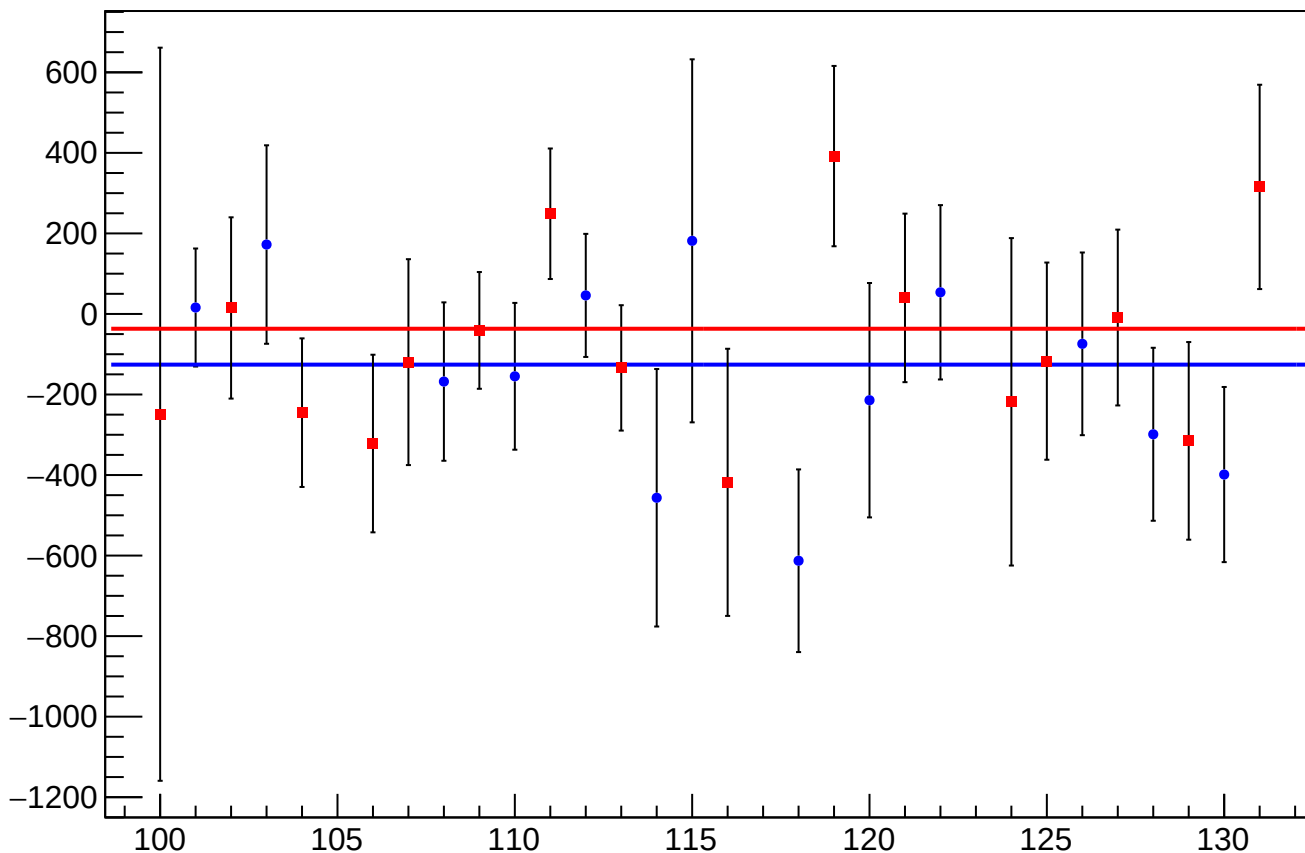
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2465825.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_mean vs Slug



Right In: -125.838 $\pm$ 58.587 χ^2 /NDF: 12.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -36.717 $\pm$ 54.166 χ^2 /NDF: 15.3/15

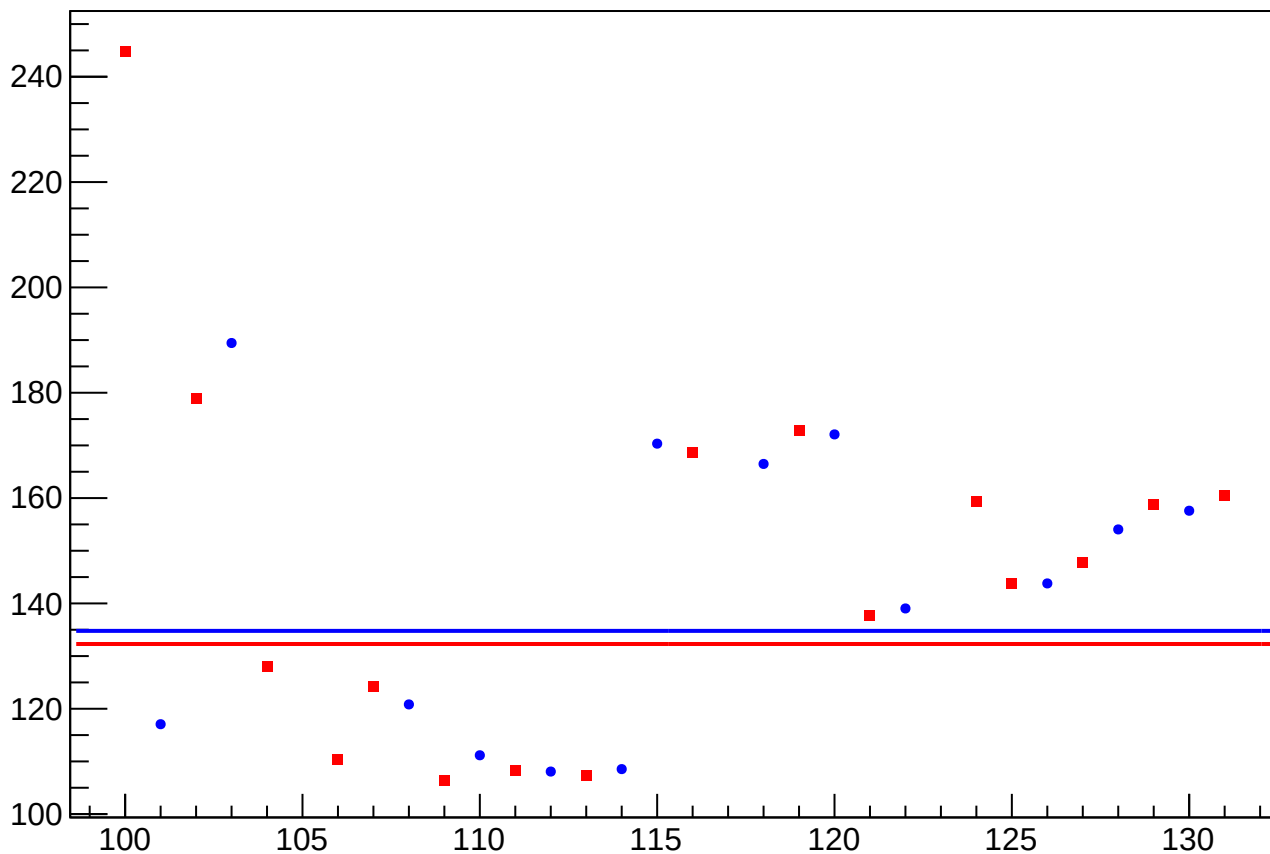
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -77.789 $\pm$ 39.772 χ^2 /NDF: 29.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_avg_rms vs Slug



Right In: 134.786 $\pm$ 0.041 χ^2 /NDF: 372234.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 132.294 $\pm$ 0.038 χ^2 /NDF: 460522.2/15

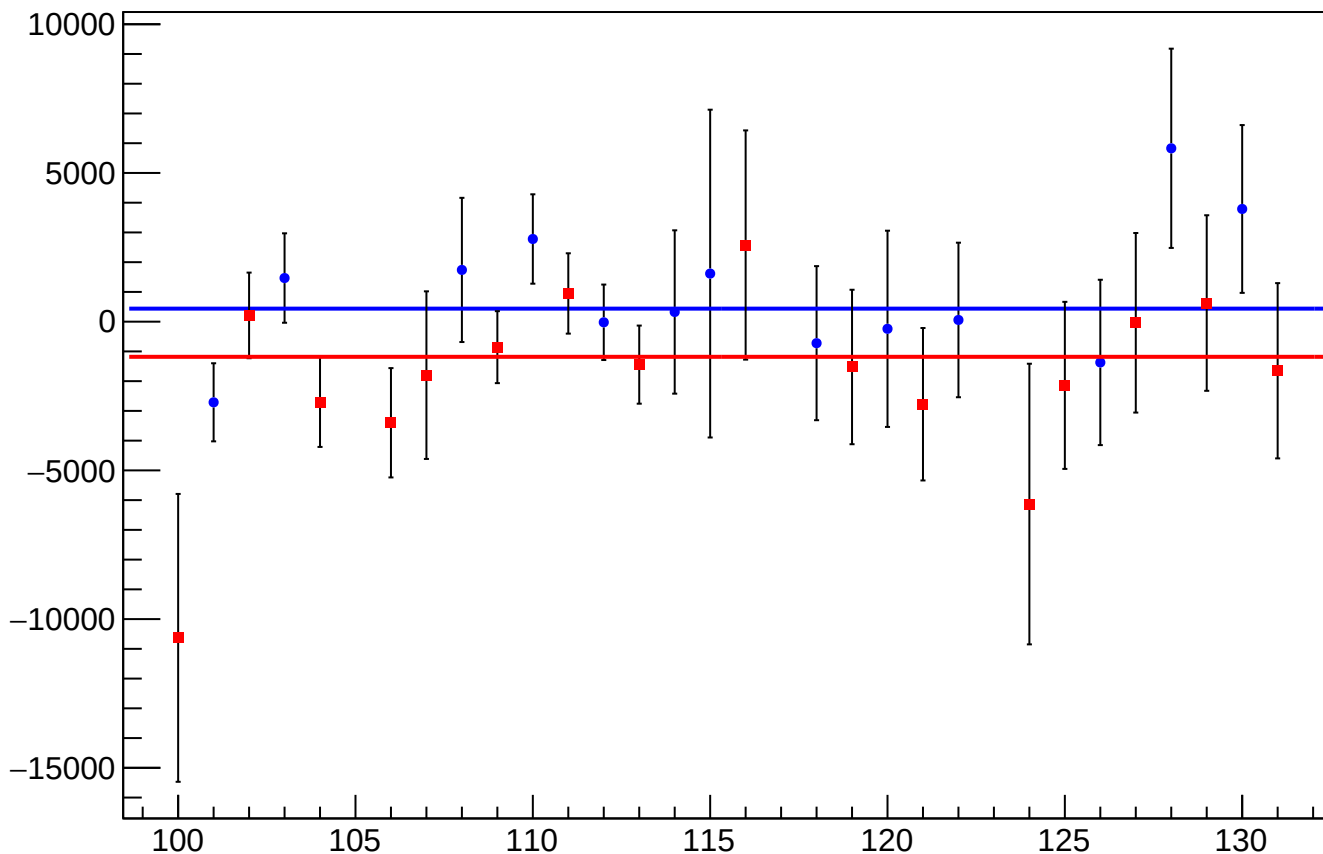
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 133.443 $\pm$ 0.028 χ^2 /NDF: 834707.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_reg_correction_mean vs Slug



Right In: 438.128+/-562.876 χ^2/NDF : 13.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1181.669+/-495.256 χ^2/NDF : 13.0/15

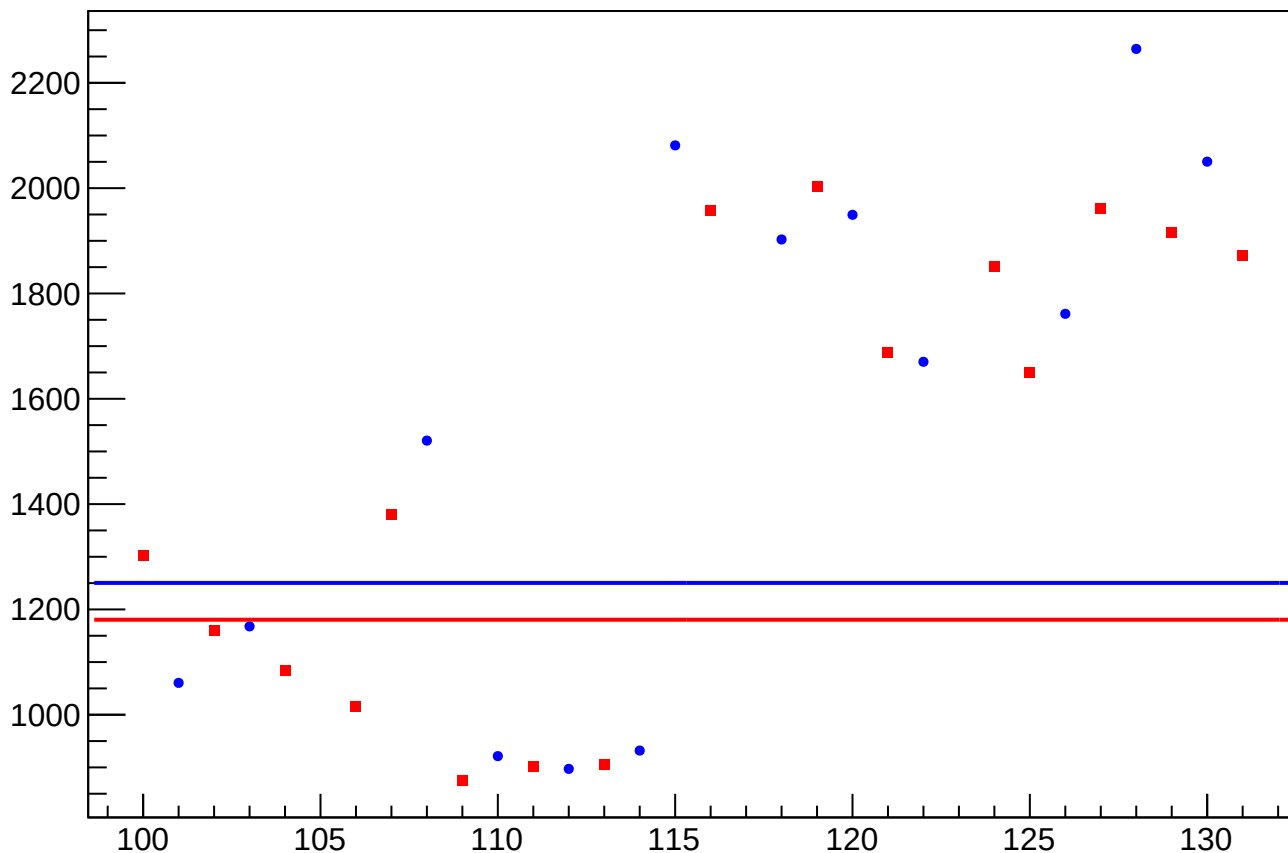
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -474.863+/-371.820 χ^2/NDF : 31.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_reg_correction_rms vs Slug



Right In: 1250.347+/-0.398 χ^2/NDF : 1076576.0/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

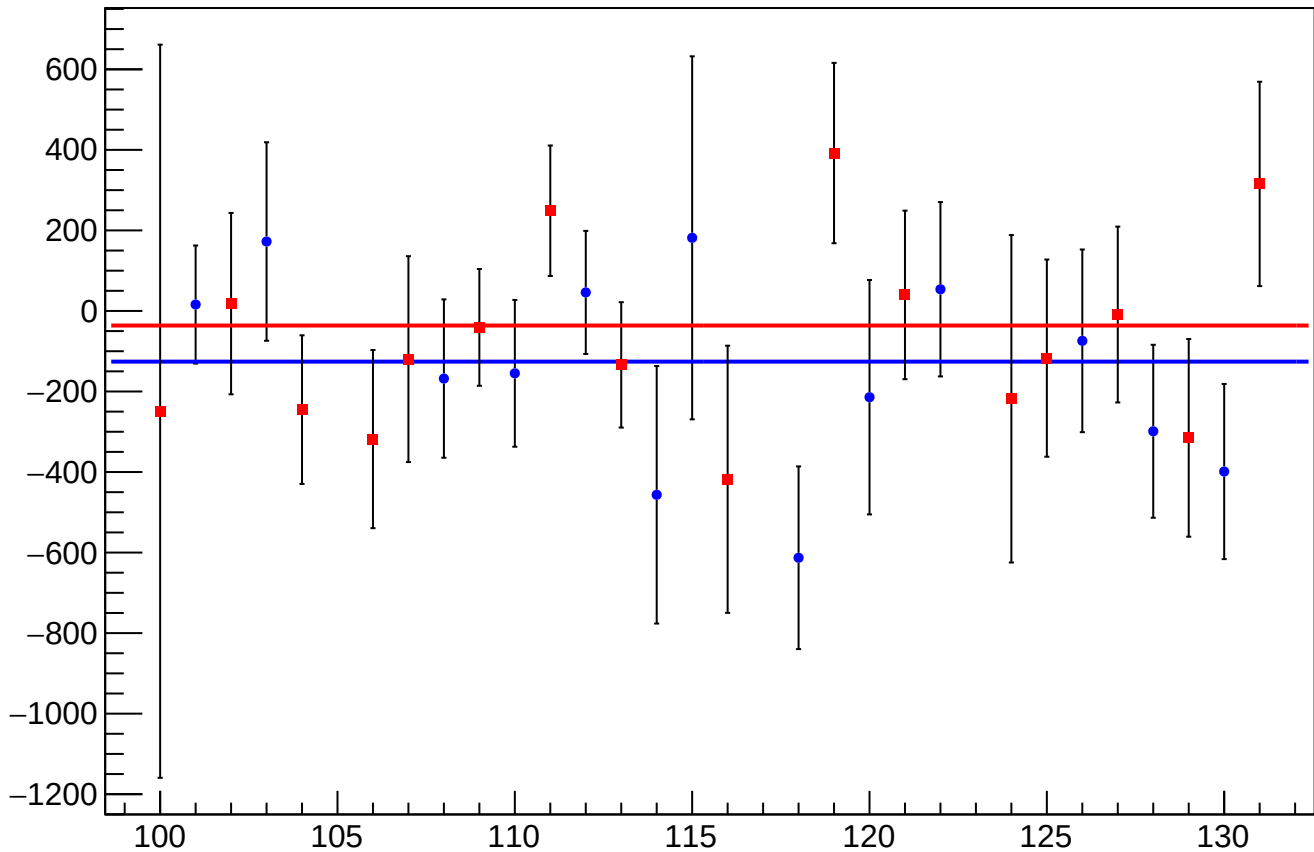
Right Out: 1180.435+/-0.350 χ^2/NDF : 1161377.6/15

All: 1210.942+/-0.263 χ^2/NDF : 2255344.5/28

- 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: -125.855+/-58.587 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.196+/-54.178 χ^2/NDF : 15.3/15

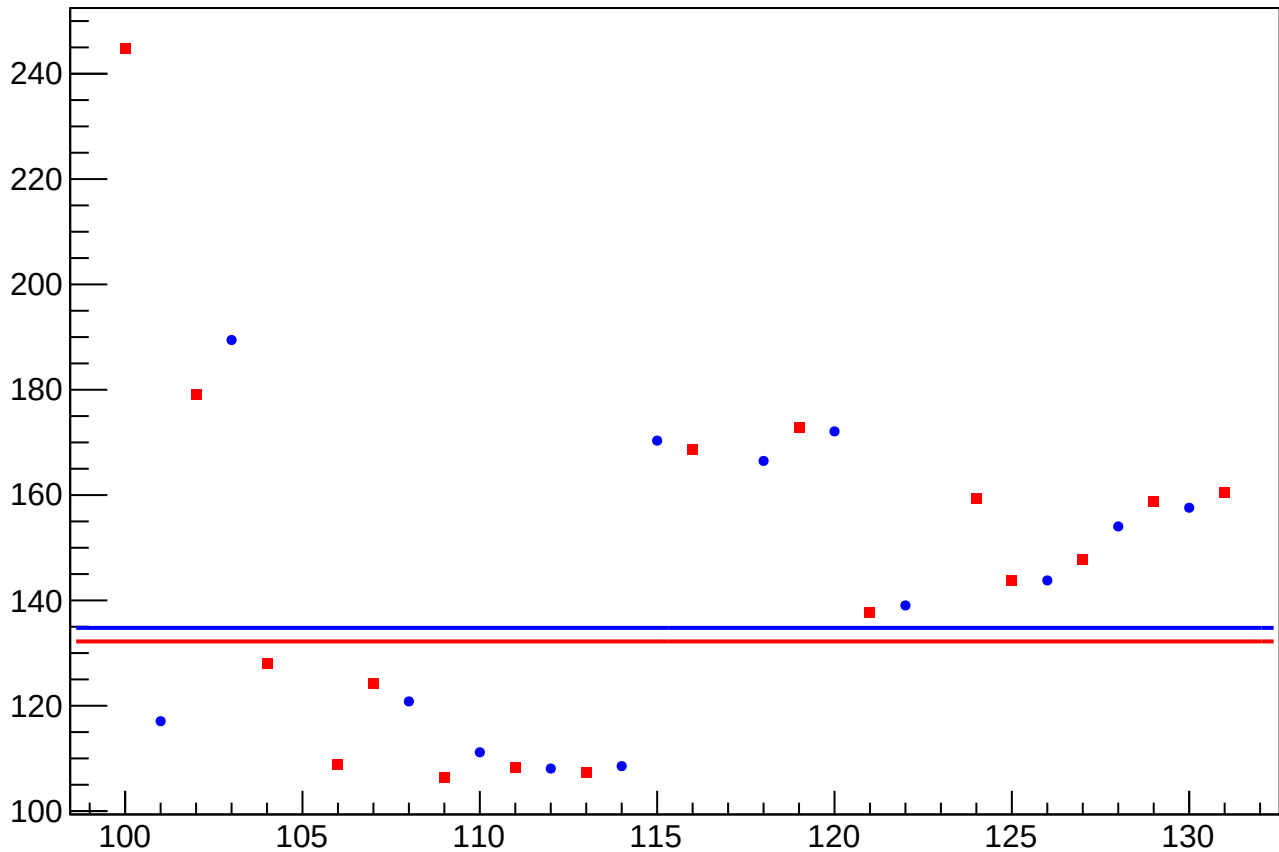
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -77.526+/-39.777 χ^2/NDF : 29.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_48_avg_rms vs Slug



Right In: 134.786 $\pm$ 0.041 χ^2 /NDF: 372237.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 132.209 $\pm$ 0.038 χ^2 /NDF: 463570.6/15

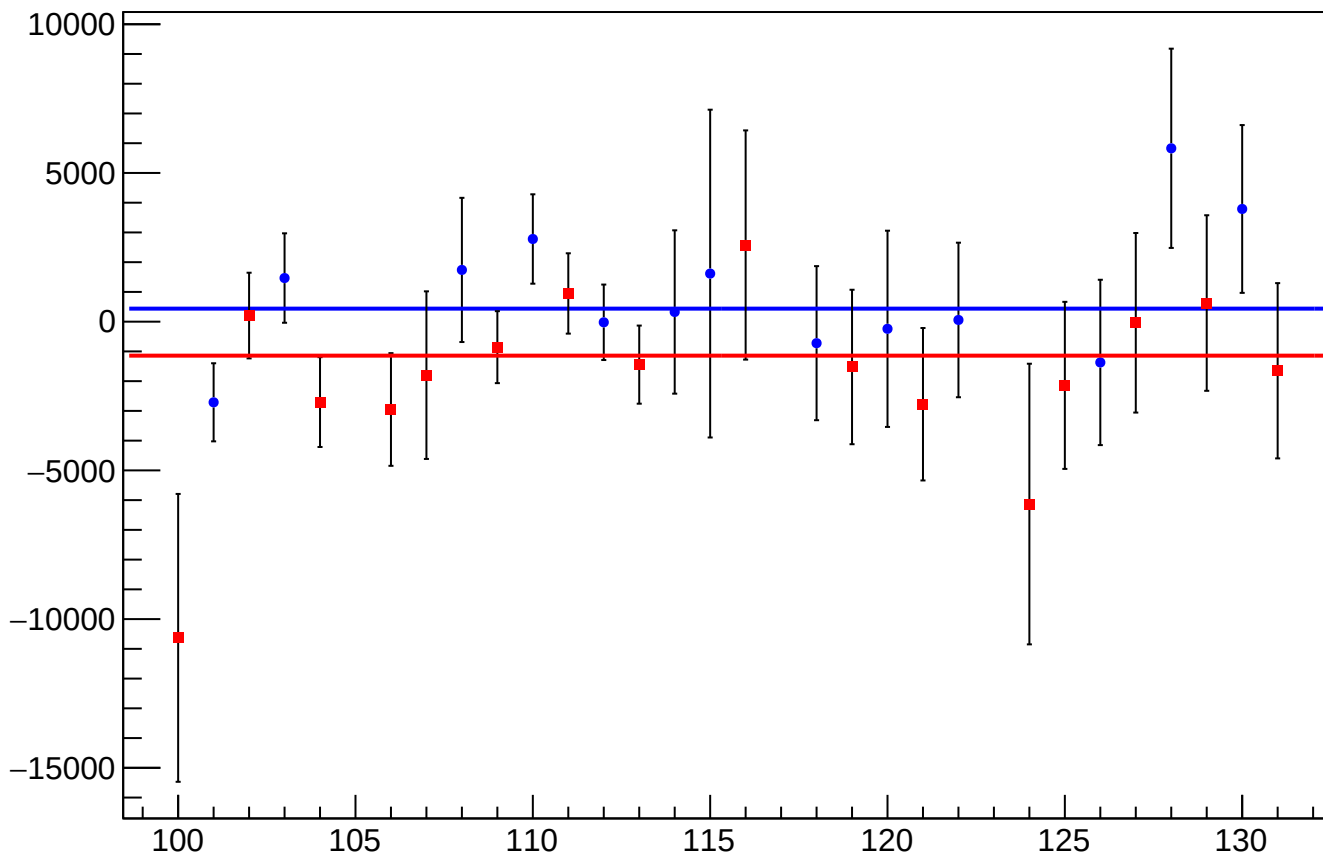
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 133.397 $\pm$ 0.028 χ^2 /NDF: 837895.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_cor_correction_mean vs Slug



Right In: 438.049+/-562.883 χ^2/NDF : 13.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1142.434+/-496.348 χ^2/NDF : 12.4/15

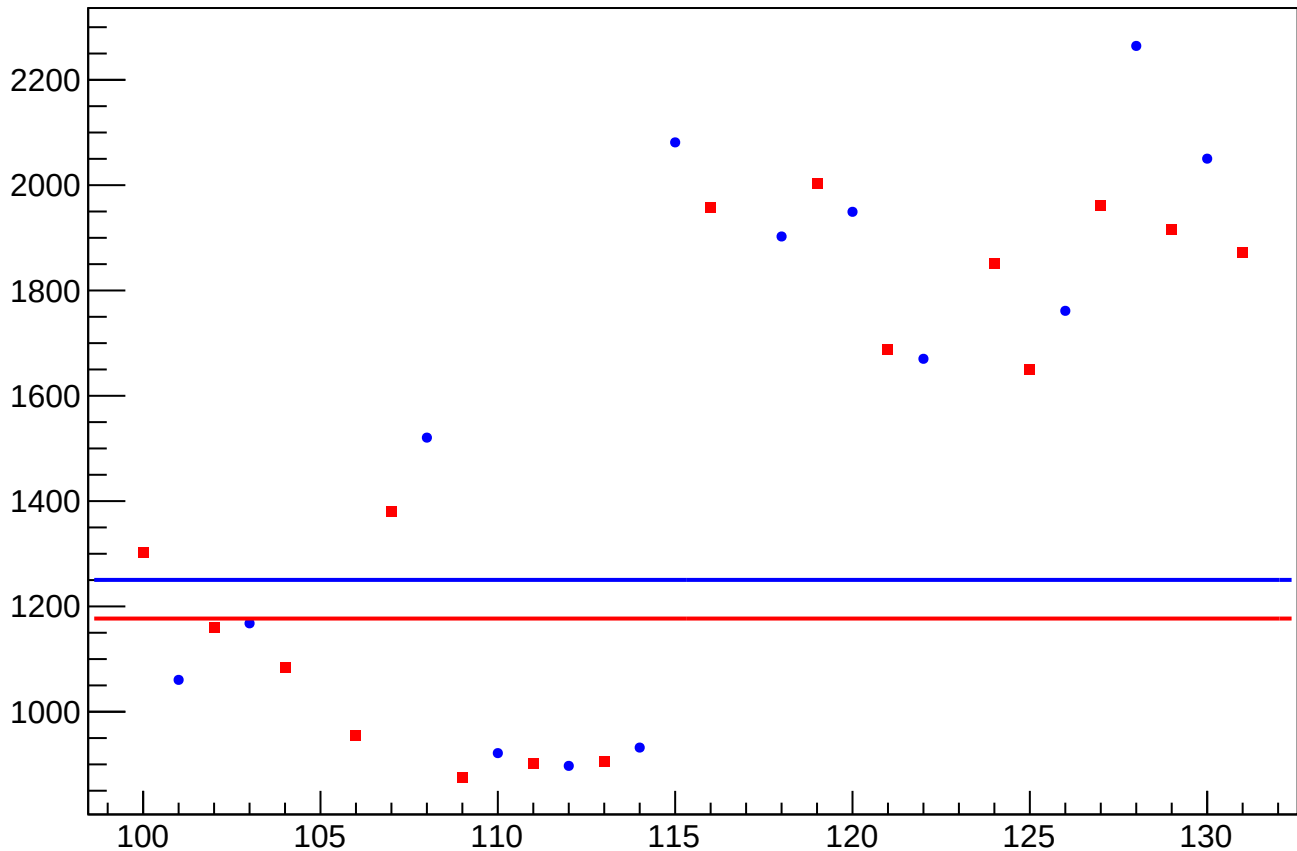
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -451.079+/-372.283 χ^2/NDF : 30.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_cor_correction_rms vs Slug



Right In: 1250.364+/-0.398 χ^2/NDF : 1076559.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

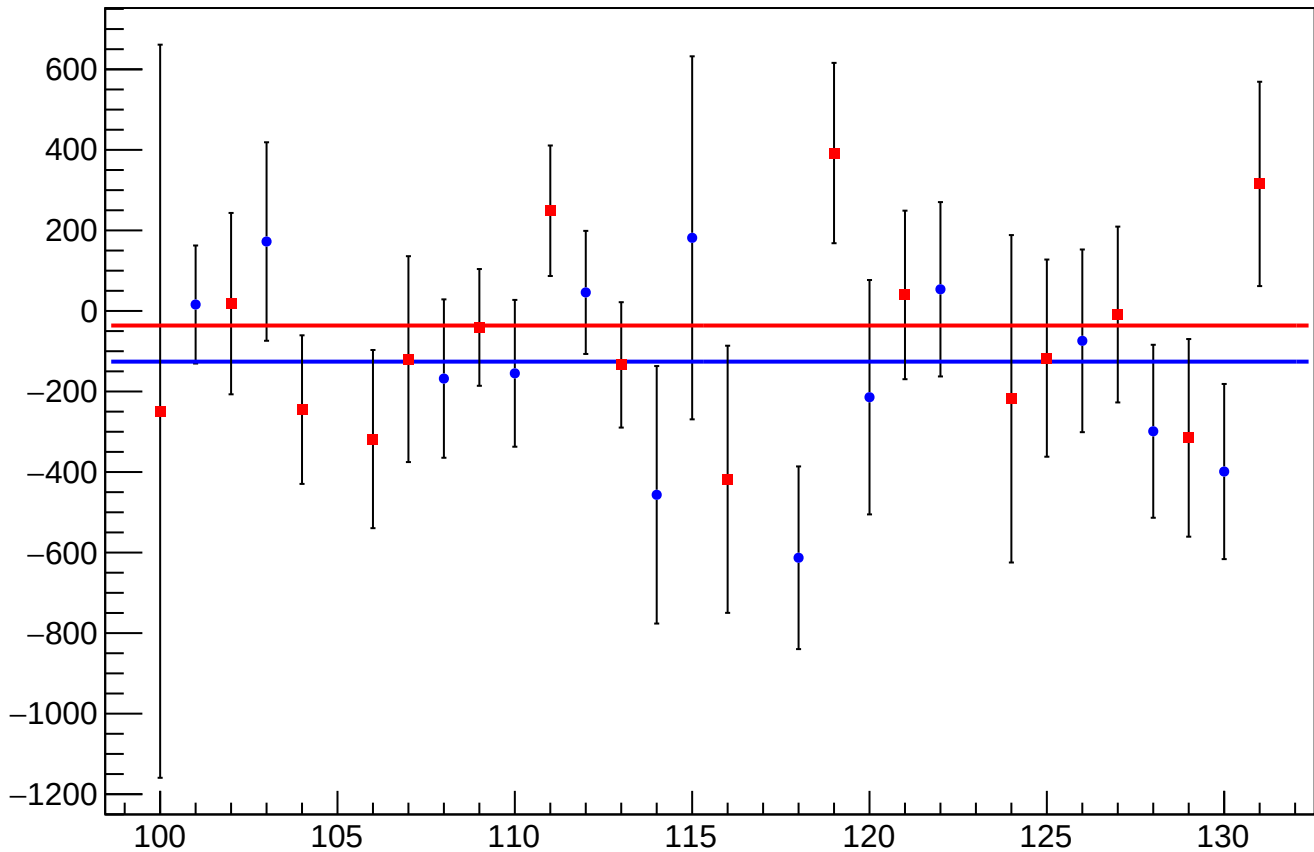
Right Out: 1176.969+/-0.351 χ^2/NDF : 1173789.2/15

All: 1209.074+/-0.263 χ^2/NDF : 2269478.3/28

- 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: -125.855+/-58.587 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.196+/-54.178 χ^2/NDF : 15.3/15

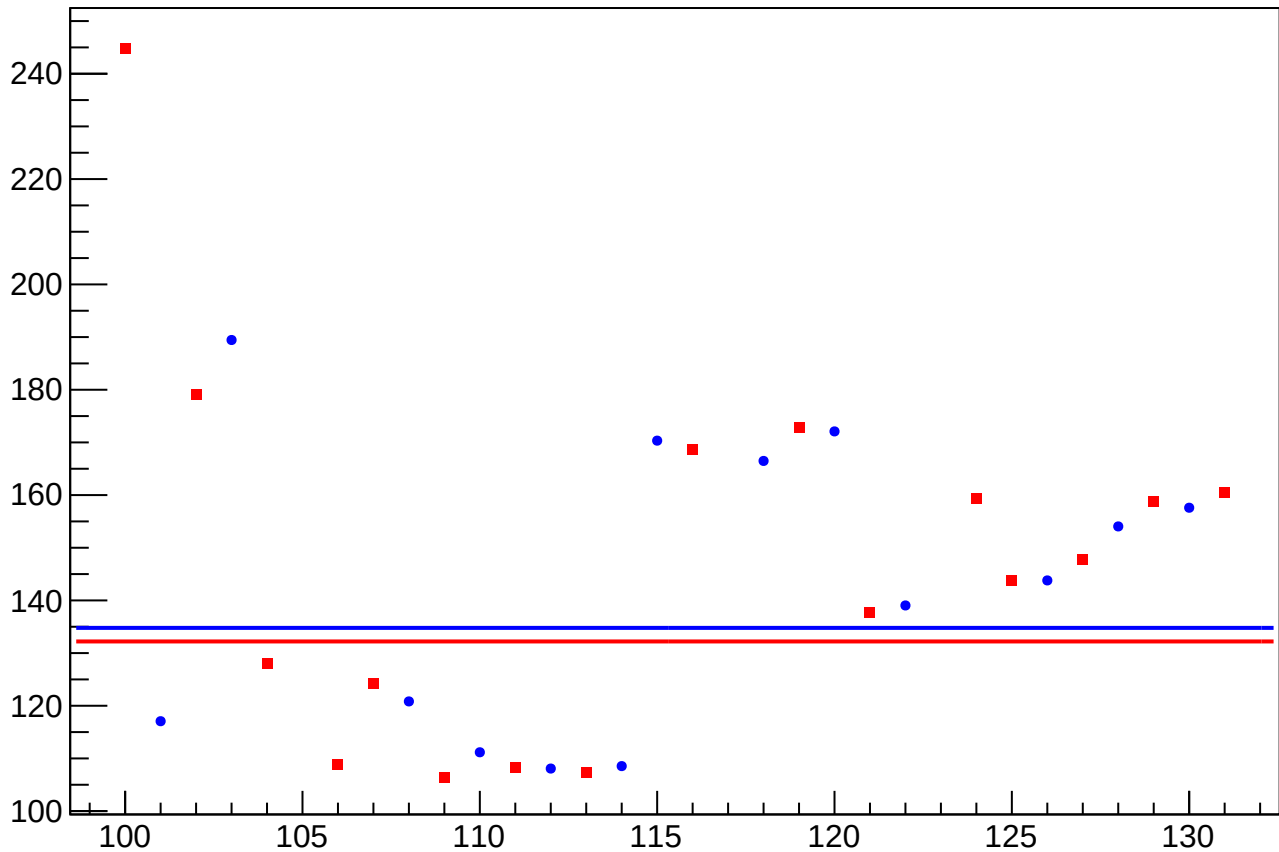
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -77.526+/-39.777 χ^2/NDF : 29.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_48_avg_rms vs Slug



Right In: 134.786 $\pm$ 0.041 χ^2 /NDF: 372237.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 132.209 $\pm$ 0.038 χ^2 /NDF: 463570.6/15

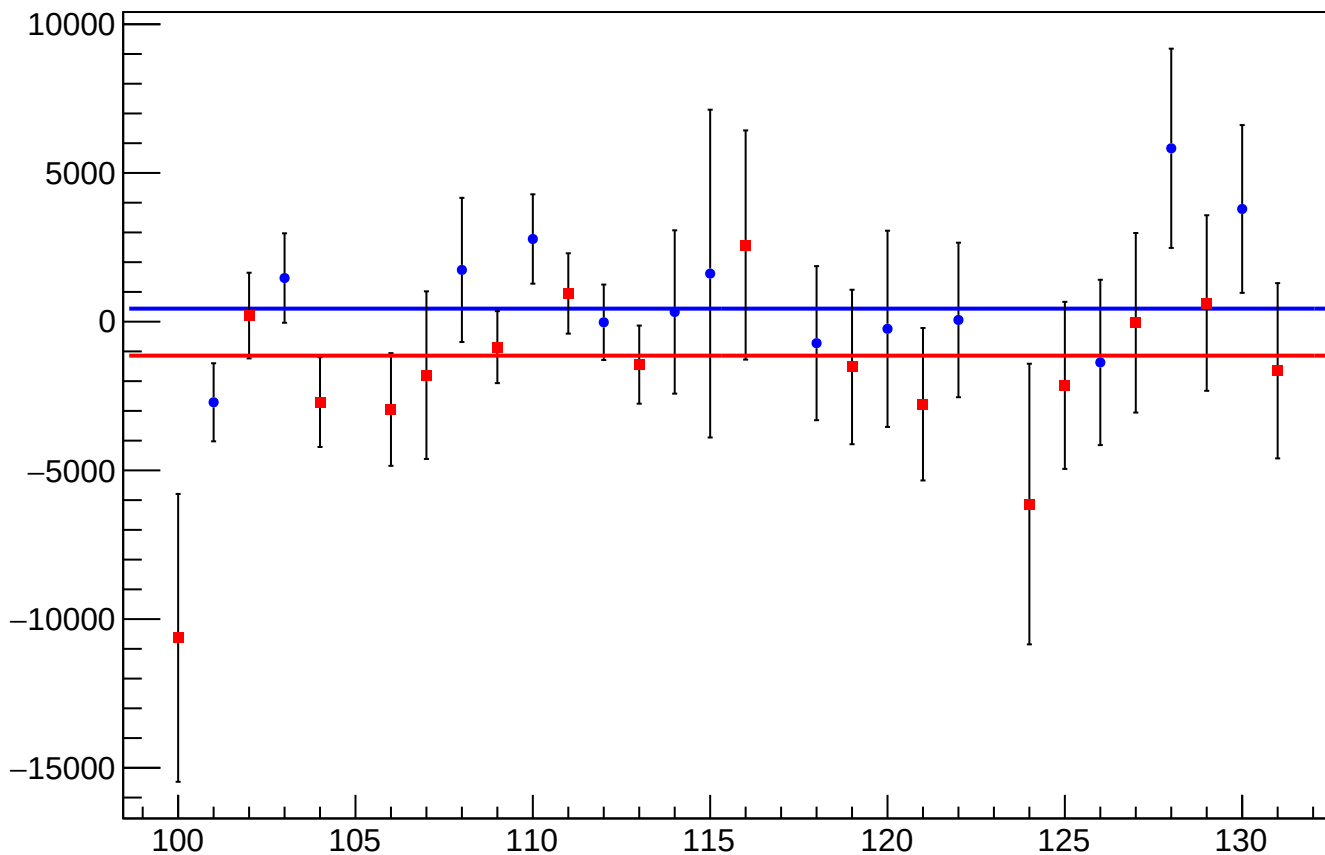
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 133.397 $\pm$ 0.028 χ^2 /NDF: 837895.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_eigen_cor_correction_mean vs Slug



Right In: 438.049+/-562.883 χ^2/NDF : 13.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1142.434+/-496.348 χ^2/NDF : 12.4/15

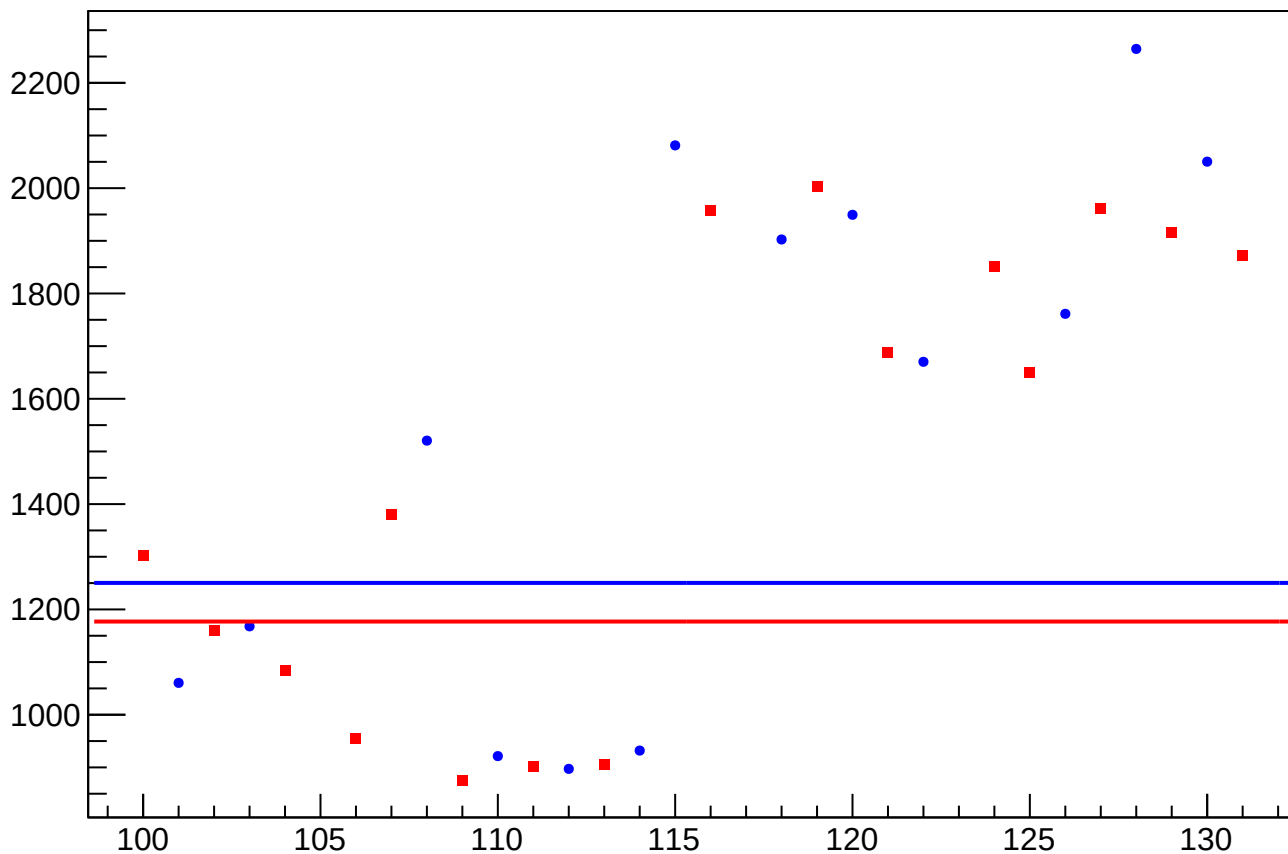
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -451.079+/-372.283 χ^2/NDF : 30.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_cor_correction_rms vs Slug



Right In: 1250.364+/-0.398 χ^2/NDF : 1076559.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

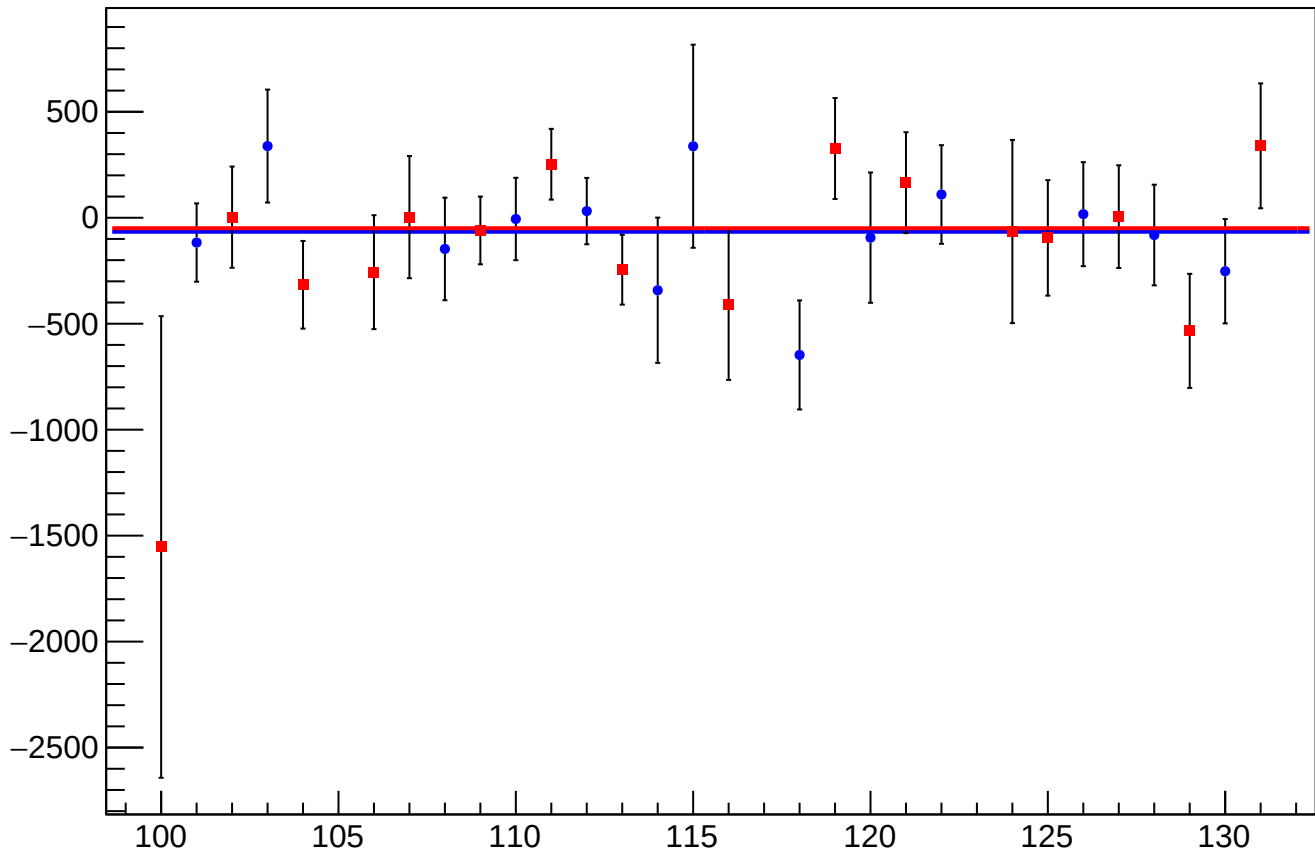
Right Out: 1176.969+/-0.351 χ^2/NDF : 1173789.2/15

All: 1209.074+/-0.263 χ^2/NDF : 2269478.3/28

- 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: -66.042 $\pm$ 65.154 χ^2 /NDF: 10.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -49.441 $\pm$ 59.356 χ^2 /NDF: 18.3/15

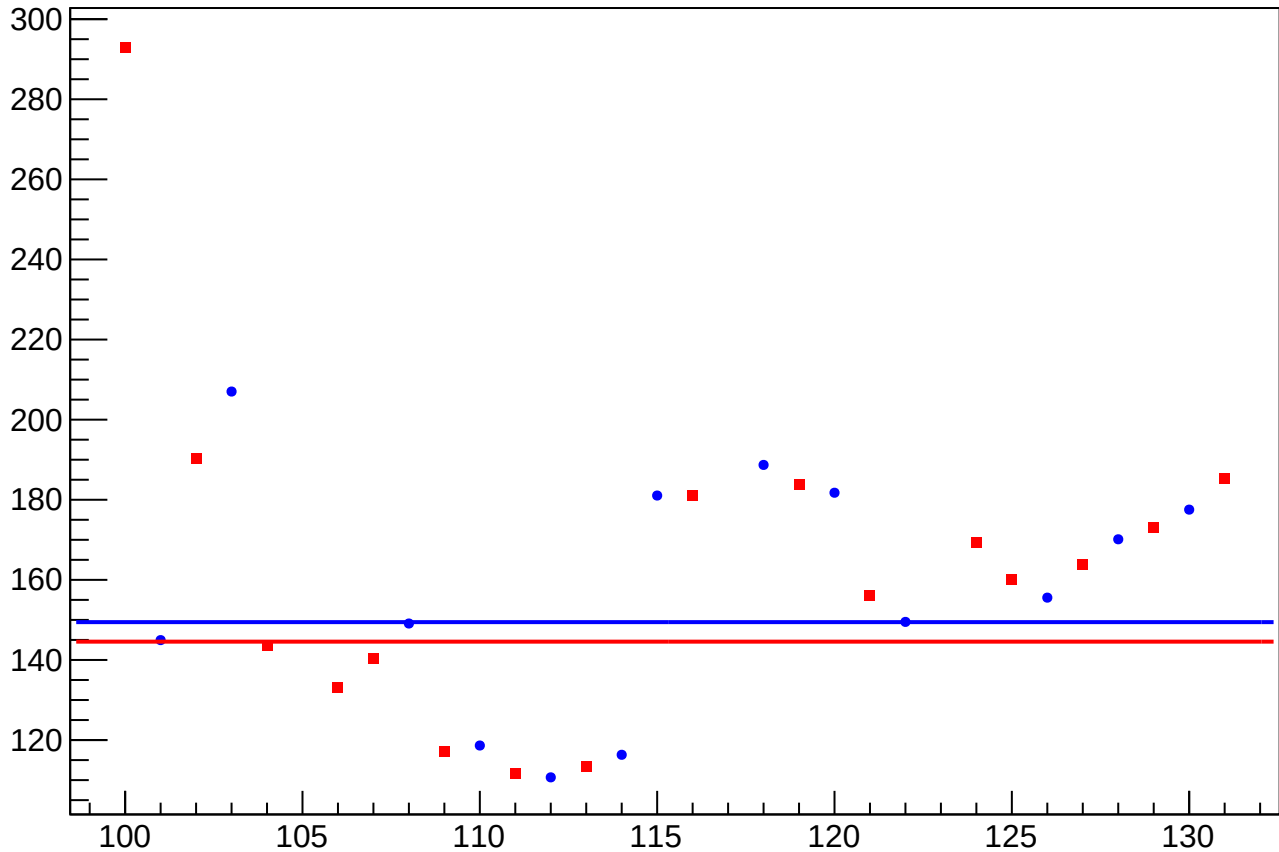
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -56.970 $\pm$ 43.878 χ^2 /NDF: 29.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_48_avg_rms vs Slug



Right In: 149.446 $\pm$ 0.046 χ^2 /NDF: 405793.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 144.573 $\pm$ 0.042 χ^2 /NDF: 489618.7/15

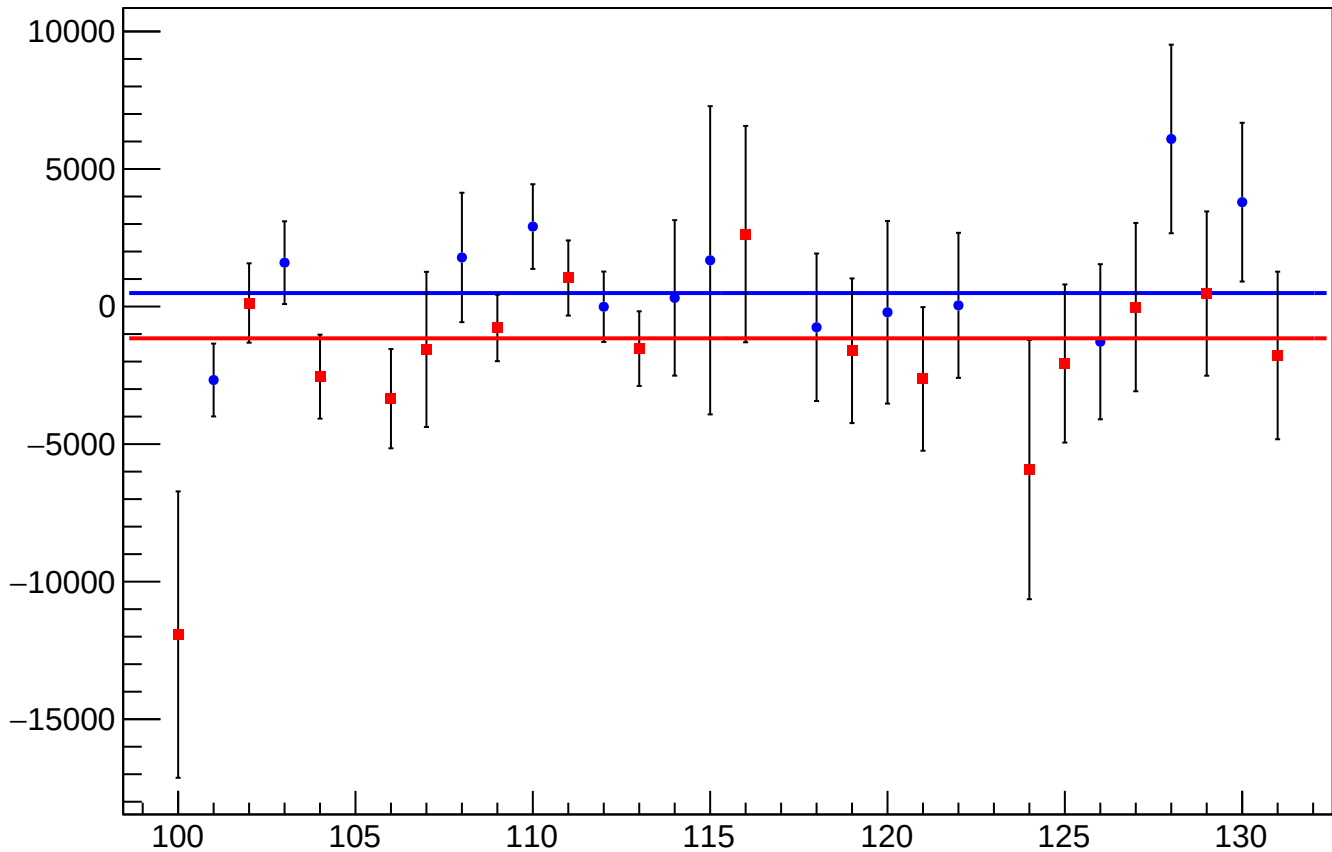
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 146.783 $\pm$ 0.031 χ^2 /NDF: 901526.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_dit_correction_mean vs Slug



Right In: 490.416 $\pm$ 569.027 χ^2 /NDF: 13.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1154.501 $\pm$ 500.470 χ^2 /NDF: 13.0/15

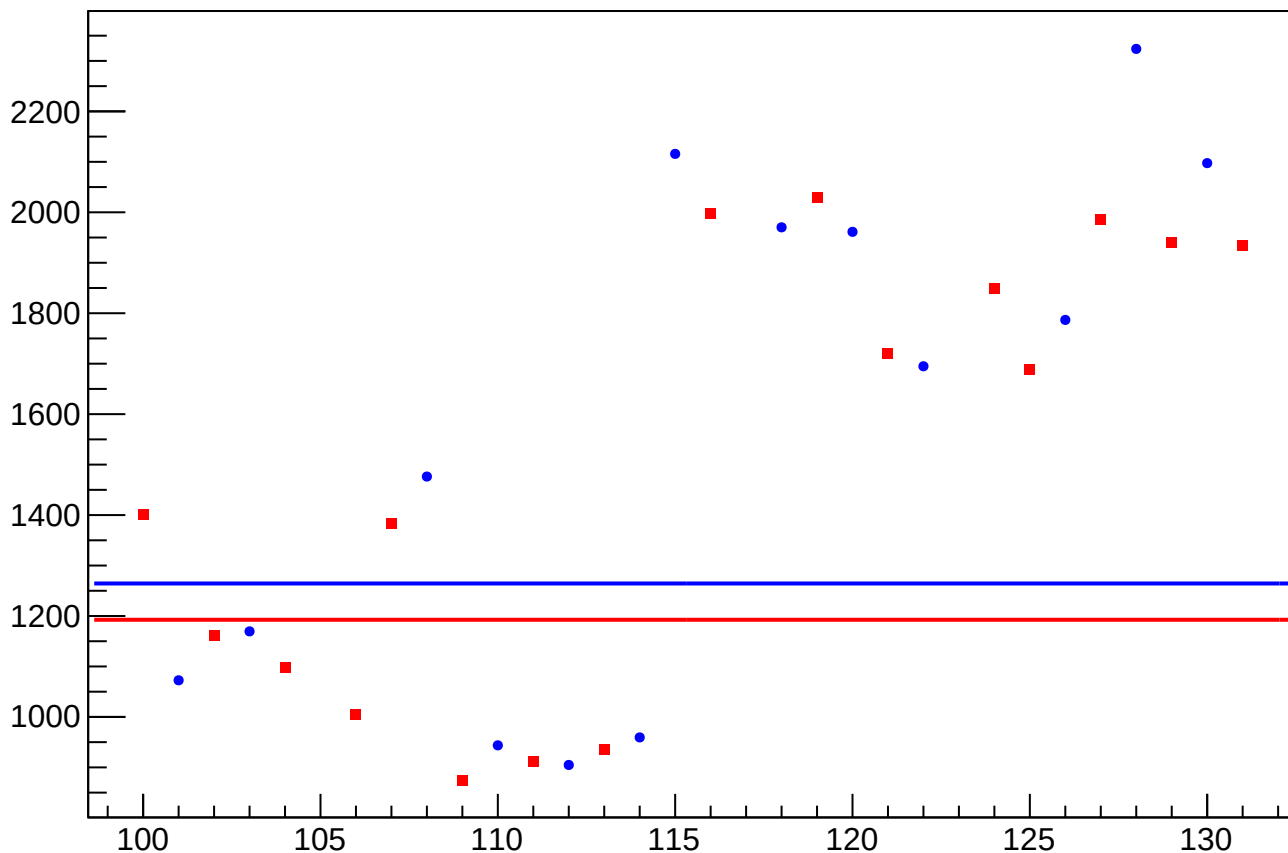
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -437.053 $\pm$ 375.799 χ^2 /NDF: 31.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_dit_correction_rms vs Slug



Right In: 1264.450+/-0.402 χ^2/NDF : 1087039.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

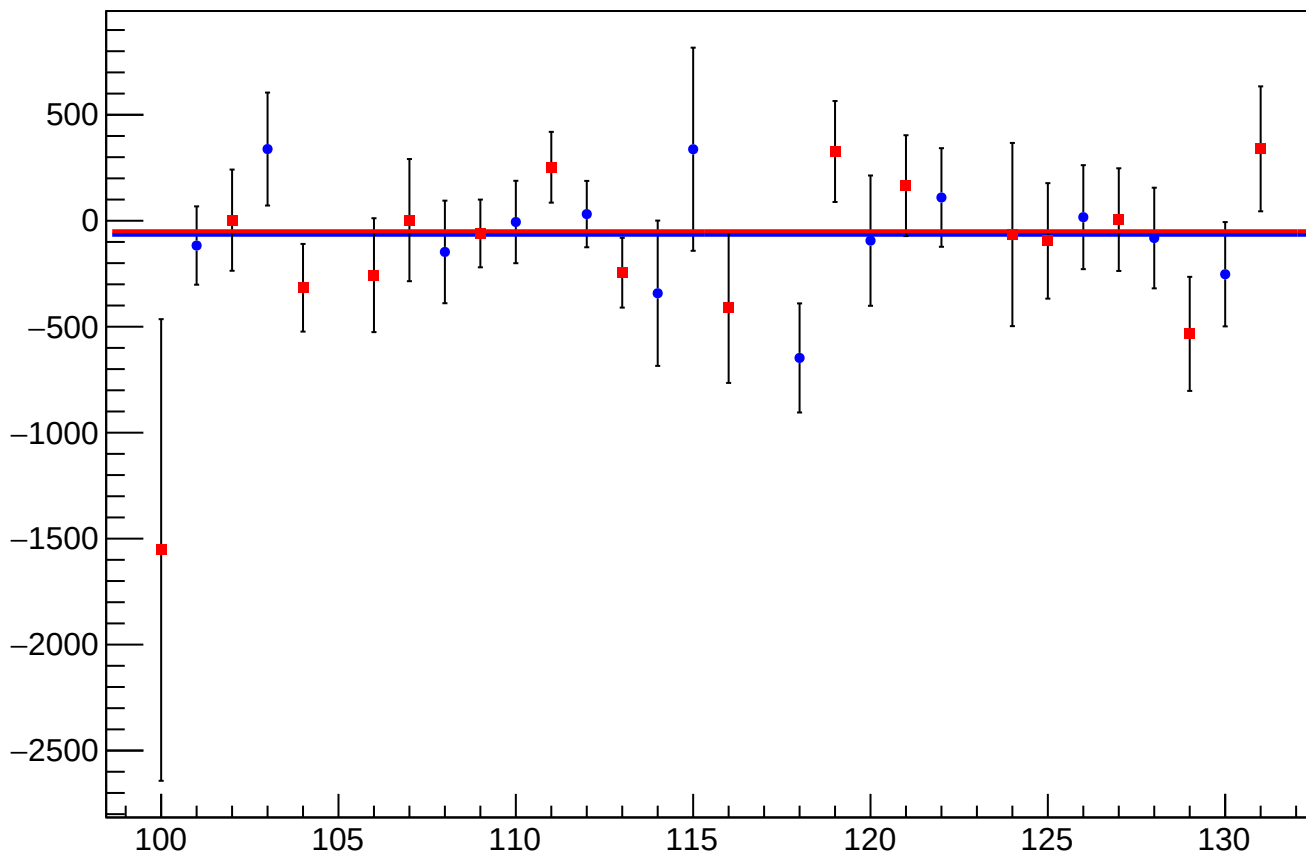
Right Out: 1192.523+/-0.354 χ^2/NDF : 1182095.1/15

All: 1223.895+/-0.266 χ^2/NDF : 2287152.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_48_avg_mean vs Slug



Right In: -66.042±/65.154 χ^2/NDF : 10.7/12

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: -49.440±/59.356 χ^2/NDF : 18.3/15

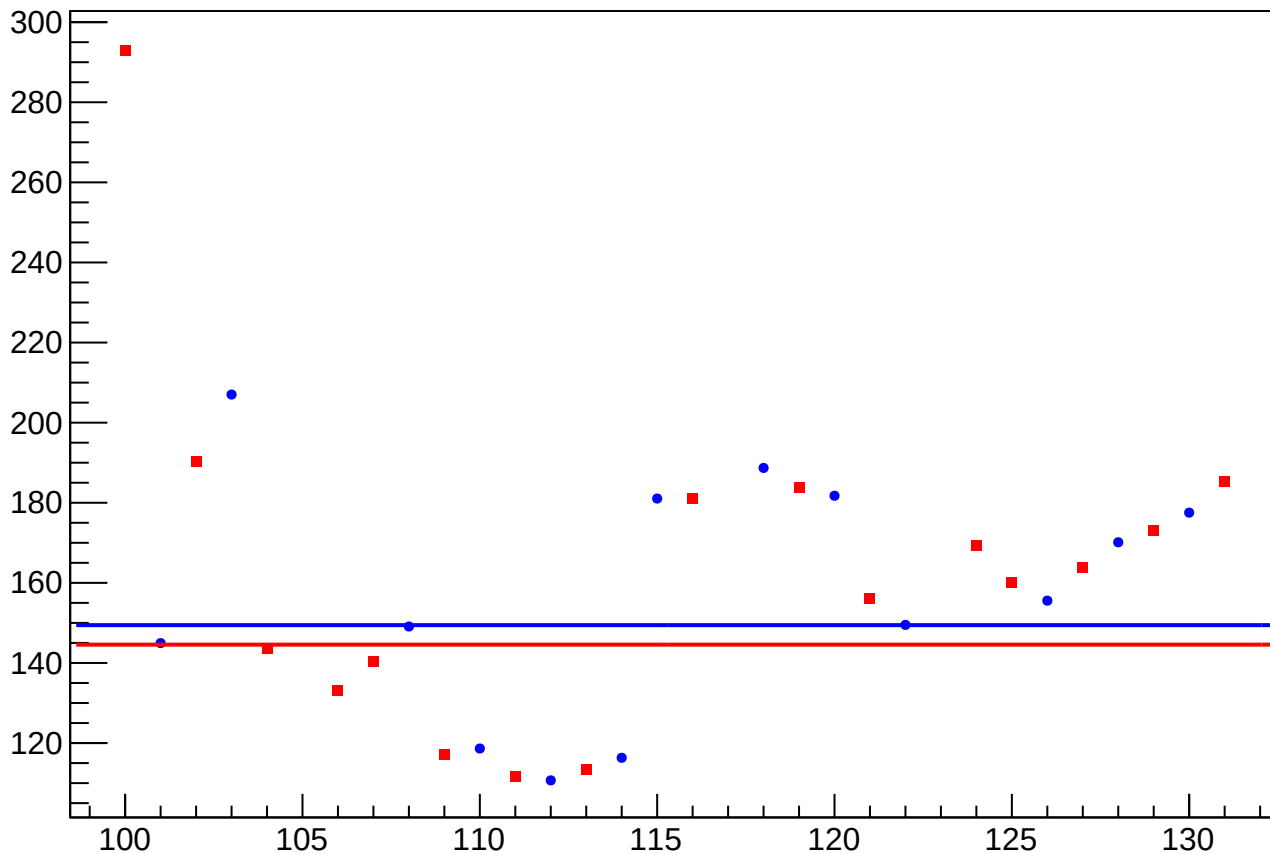
Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

+ sign 0.000±/0.000 χ^2/NDF : 0.0/0

All: -56.970±/43.878 χ^2/NDF : 29.1/28

- sign 0.000±/0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_48_avg_rms vs Slug



Right In: 149.446 $\pm$ 0.046 χ^2 /NDF: 405796.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 144.573 $\pm$ 0.042 χ^2 /NDF: 489619.8/15

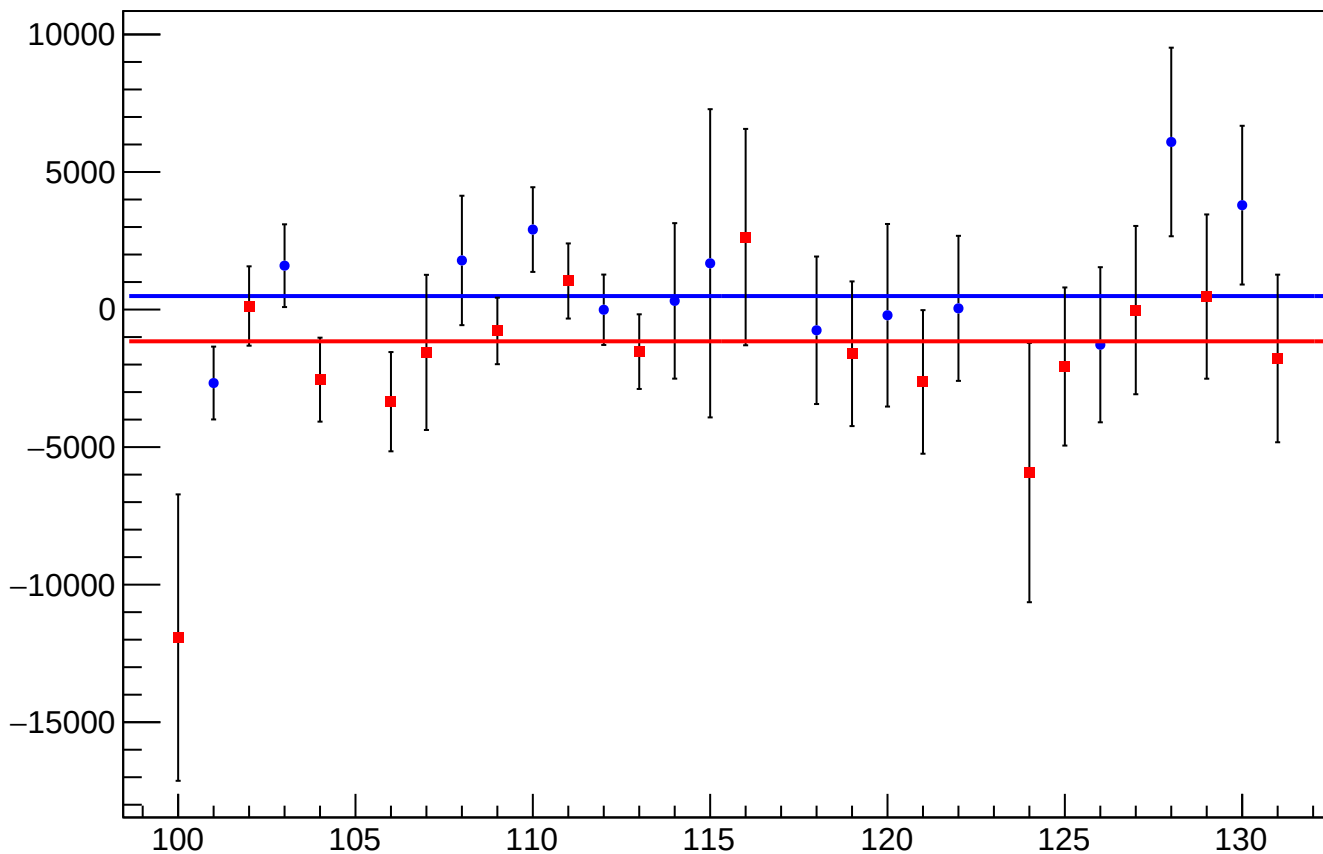
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 146.783 $\pm$ 0.031 χ^2 /NDF: 901530.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_eigen_dit_correction_mean vs Slug



Right In: 490.415 $\pm$ 569.026 χ^2 /NDF: 13.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1154.499 $\pm$ 500.469 χ^2 /NDF: 13.0/15

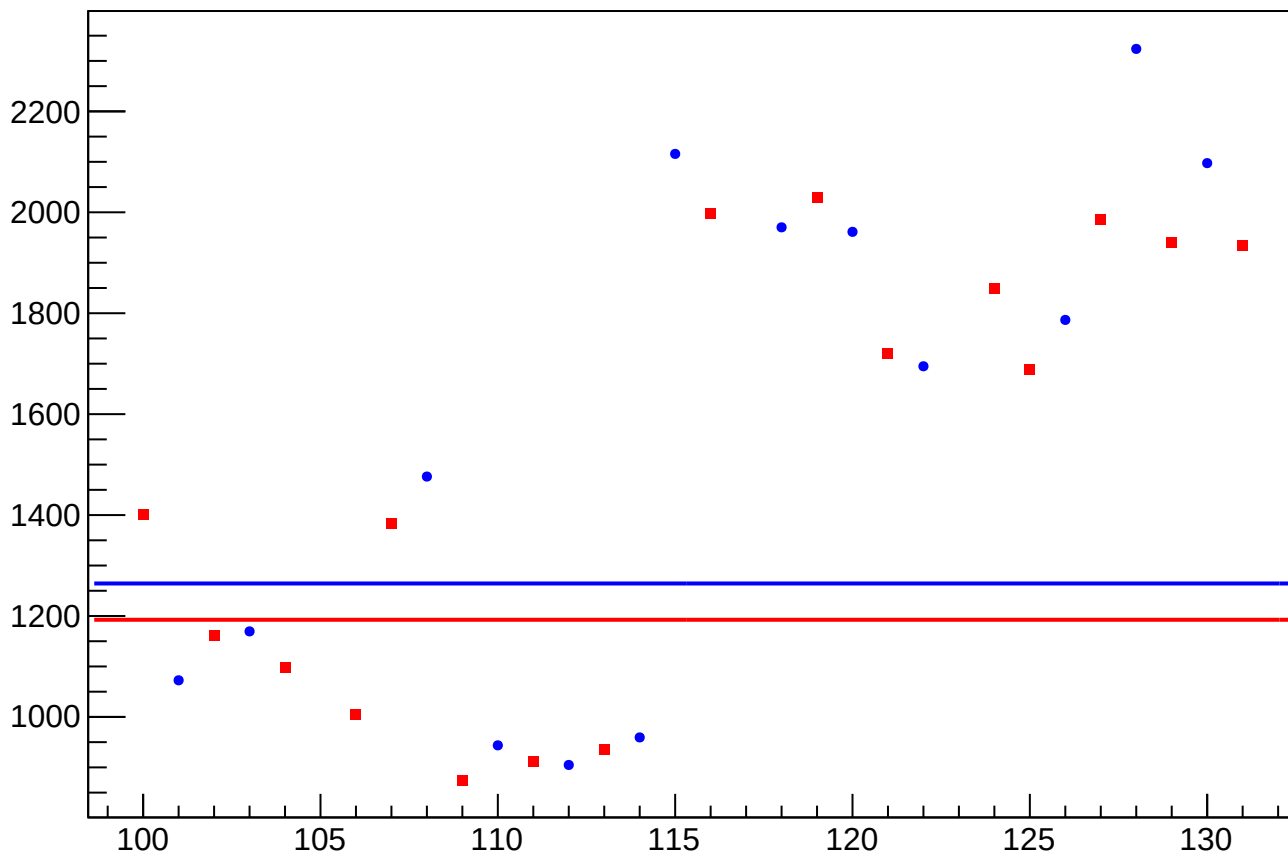
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -437.052 $\pm$ 375.799 χ^2 /NDF: 31.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_eigen_dit_correction_rms vs Slug



Right In: 1264.448 $\pm$ 0.402 χ^2 /NDF: 1087044.1/12

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

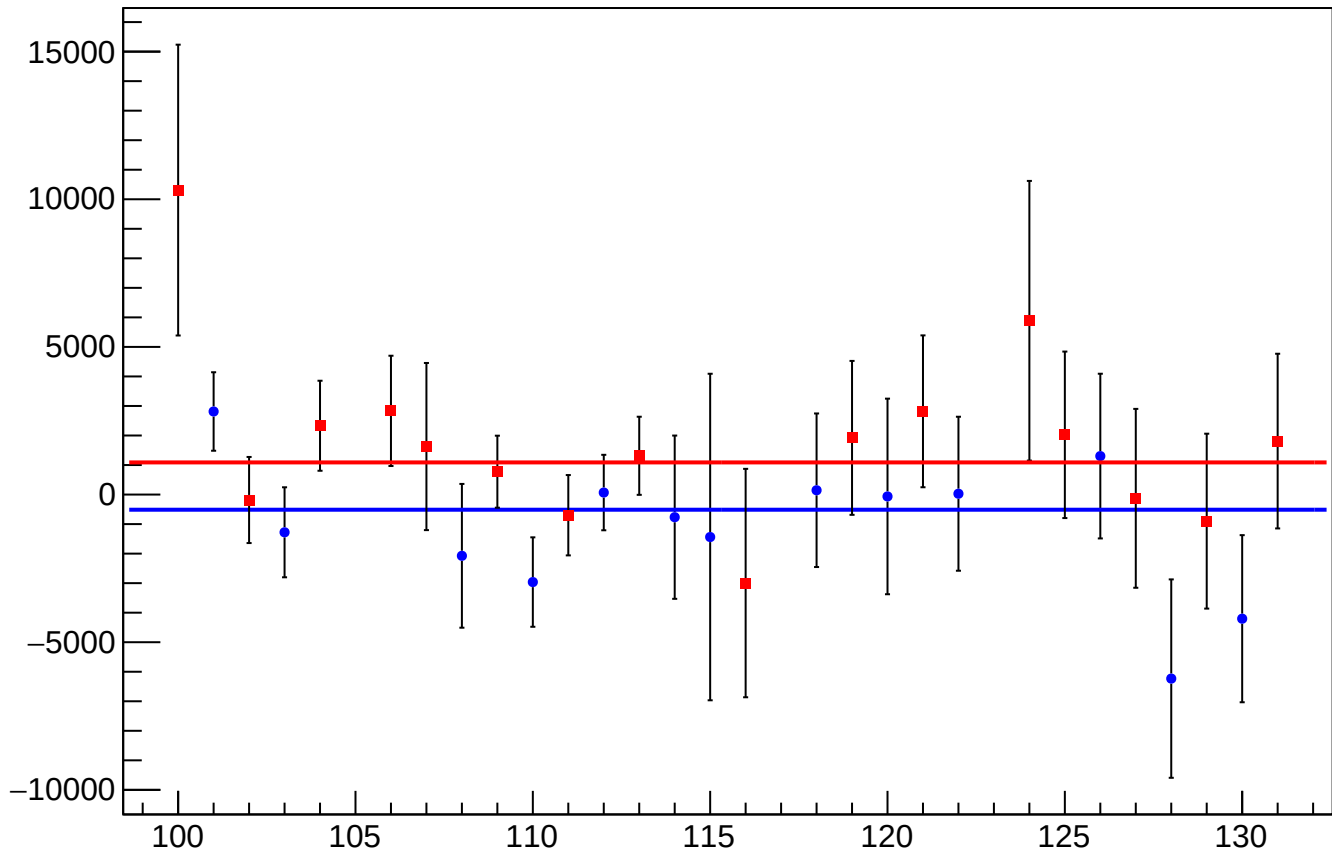
Right Out: 1192.522 $\pm$ 0.354 χ^2 /NDF: 1182098.6/15

All: 1223.894 $\pm$ 0.266 χ^2 /NDF: 2287160.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_mean vs Slug



Right In: -513.296+/-567.423 χ^2/NDF : 14.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1088.668+/-499.267 χ^2/NDF : 11.1/15

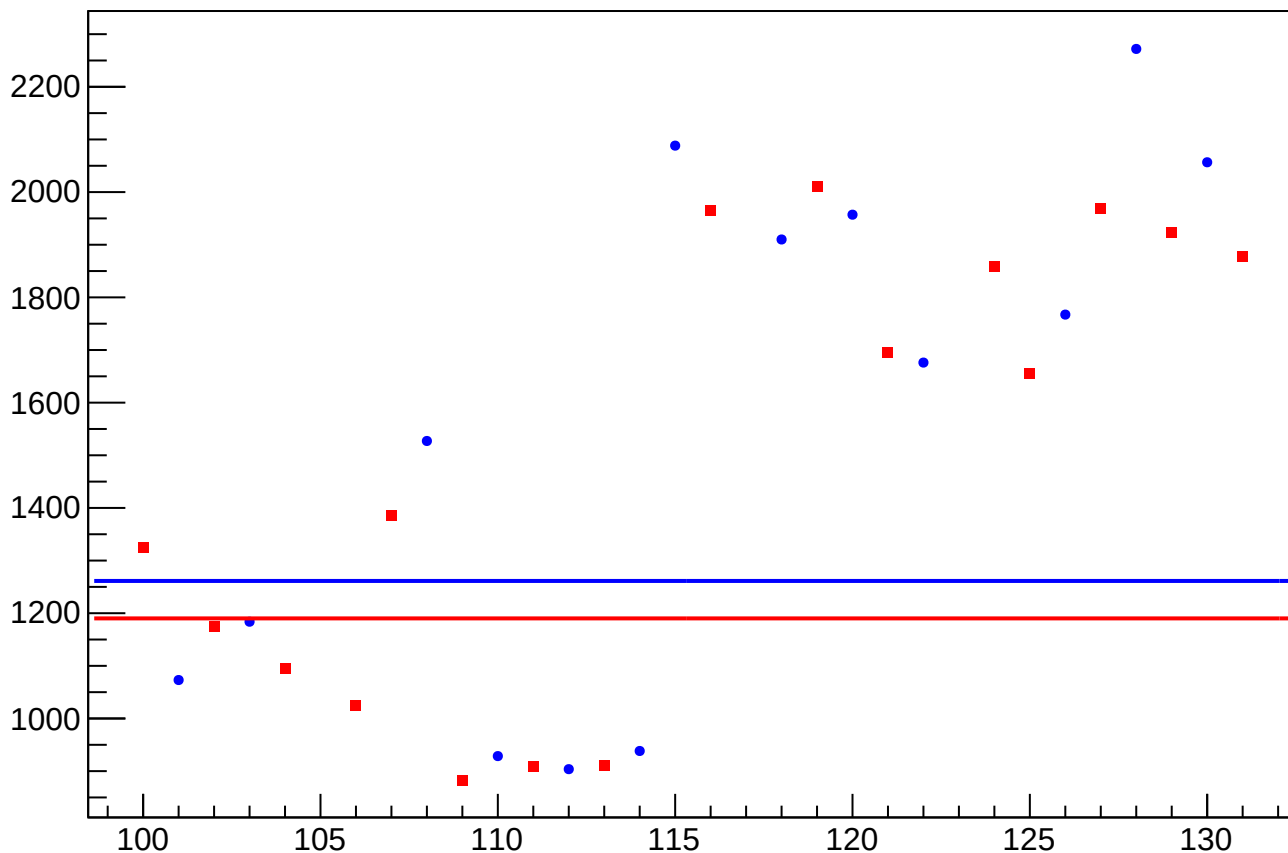
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 389.628+/-374.828 χ^2/NDF : 30.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_rms vs Slug



Right In: 1261.289 $\pm$ 0.401 χ^2 /NDF: 1062631.9/12

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

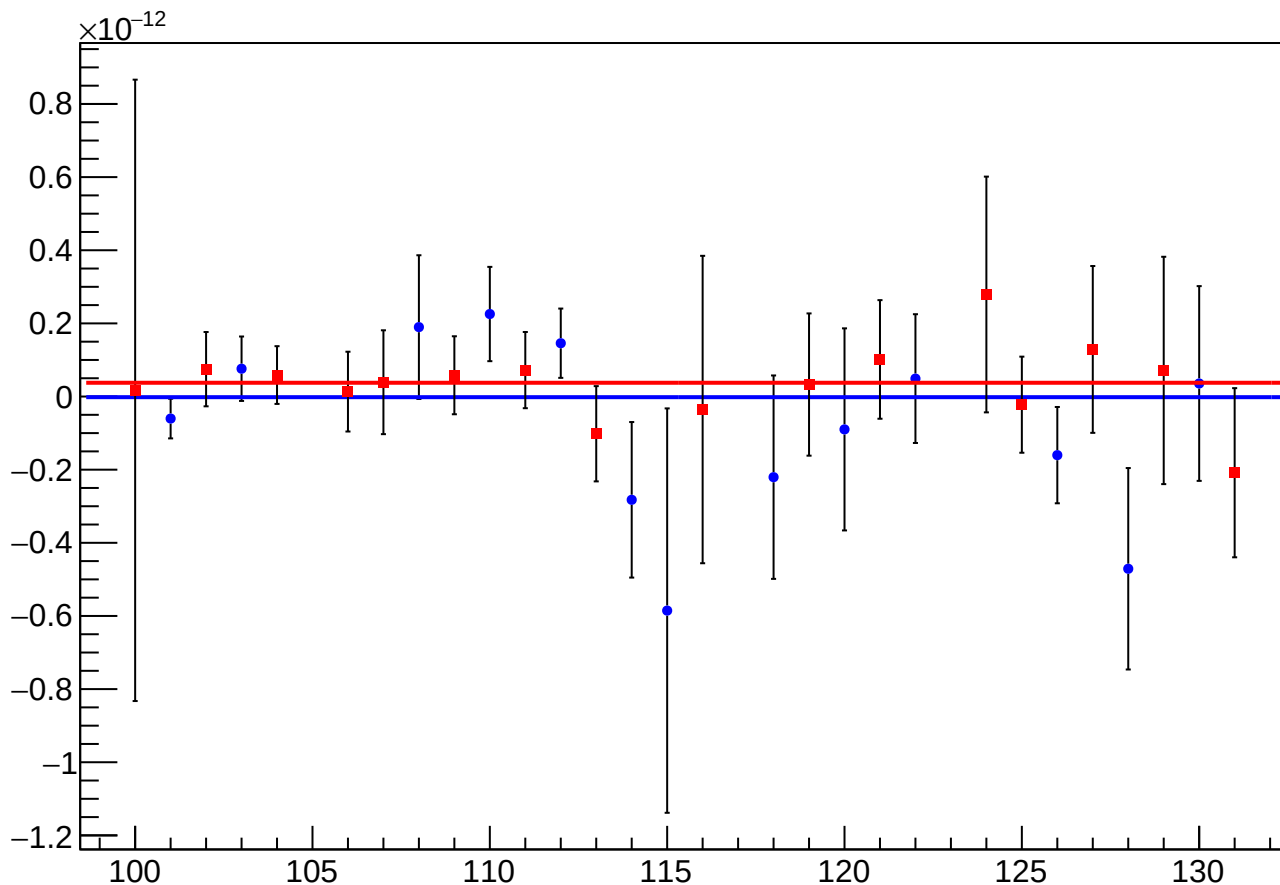
Right Out: 1190.138 $\pm$ 0.353 χ^2 /NDF: 1149688.6/15

All: 1221.186 $\pm$ 0.265 χ^2 /NDF: 2230045.1/28

- 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_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 16.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.8/15

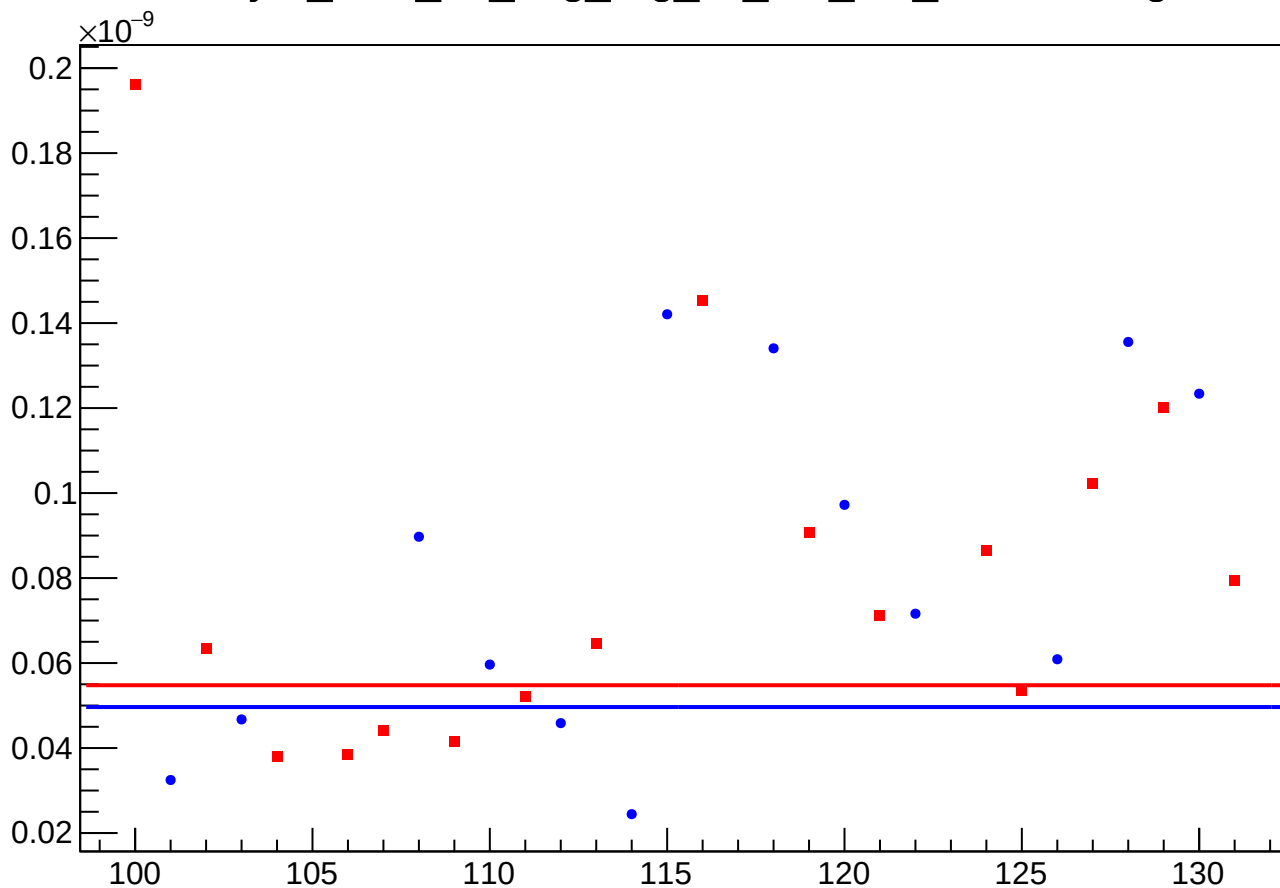
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.9/28

- 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 : 1022103.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 658205.9/15

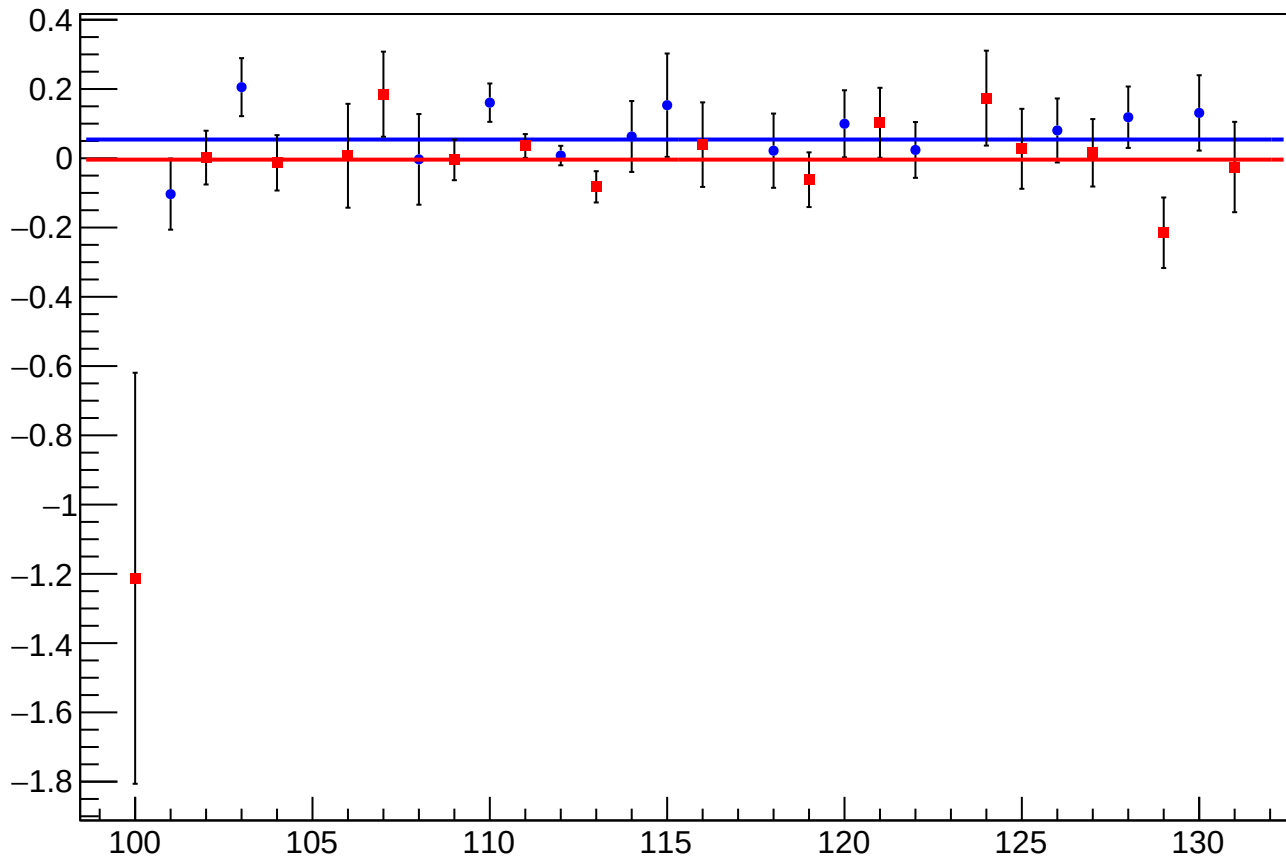
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1702068.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.054 $\pm$ 0.019 χ^2 /NDF: 14.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.004 $\pm$ 0.019 χ^2 /NDF: 18.8/15

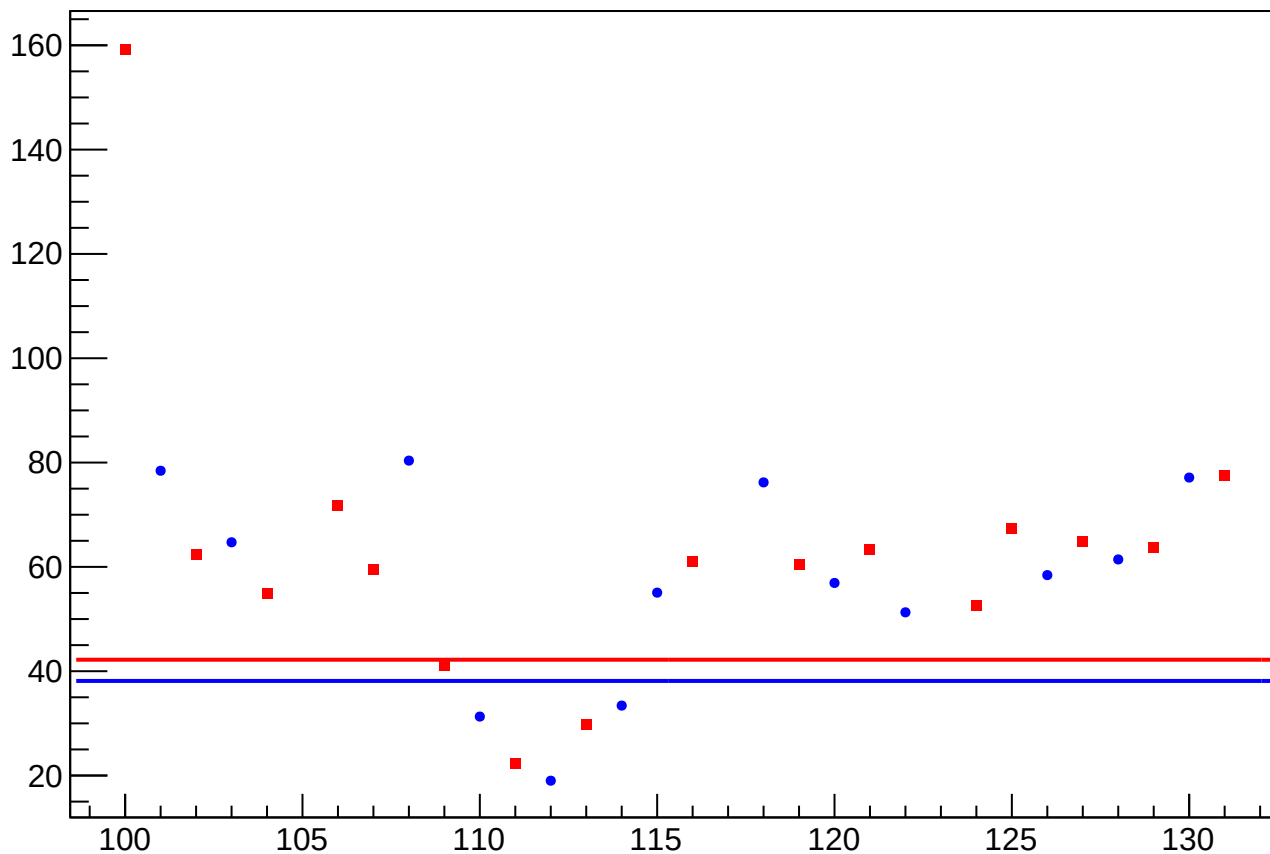
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.025 $\pm$ 0.014 χ^2 /NDF: 37.6/28

- 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: 38.135+/-0.014 χ^2/NDF : 2573349.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.201+/-0.013 χ^2/NDF : 1901099.8/15

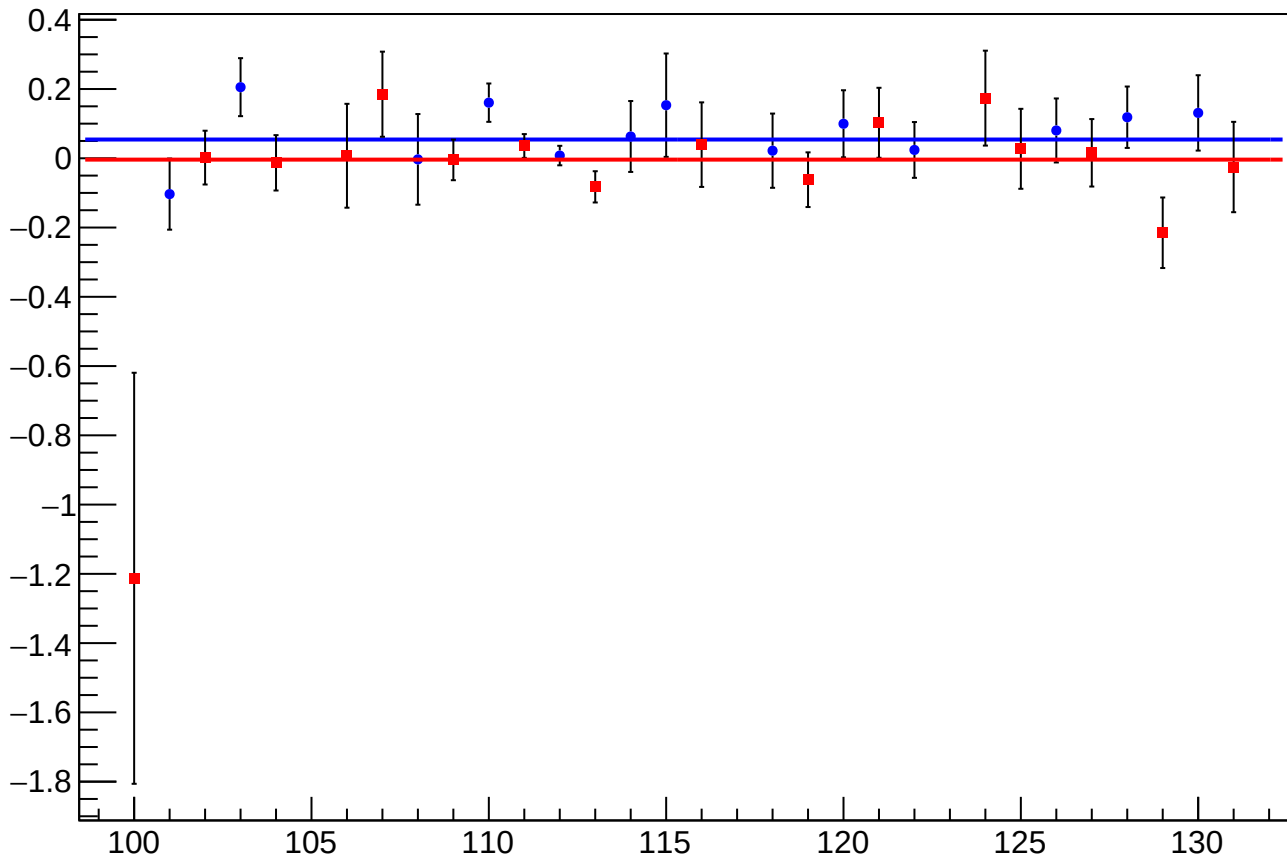
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.197+/-0.010 χ^2/NDF : 4519764.3/28

- 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: 0.054 $\pm$ 0.019 χ^2 /NDF: 14.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.004 $\pm$ 0.019 χ^2 /NDF: 18.8/15

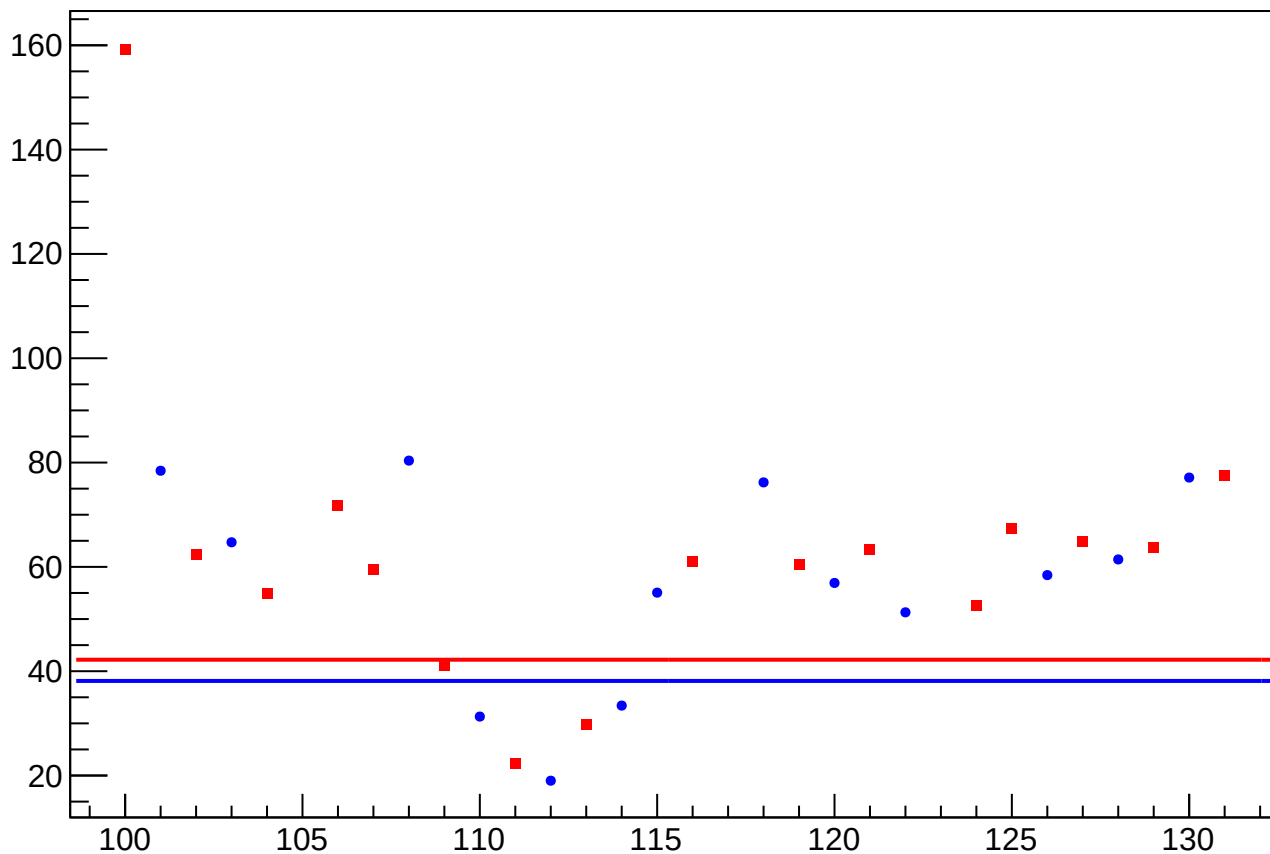
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.025 $\pm$ 0.014 χ^2 /NDF: 37.6/28

- 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: 38.135+/-0.014 χ^2/NDF : 2573349.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.201+/-0.013 χ^2/NDF : 1901099.8/15

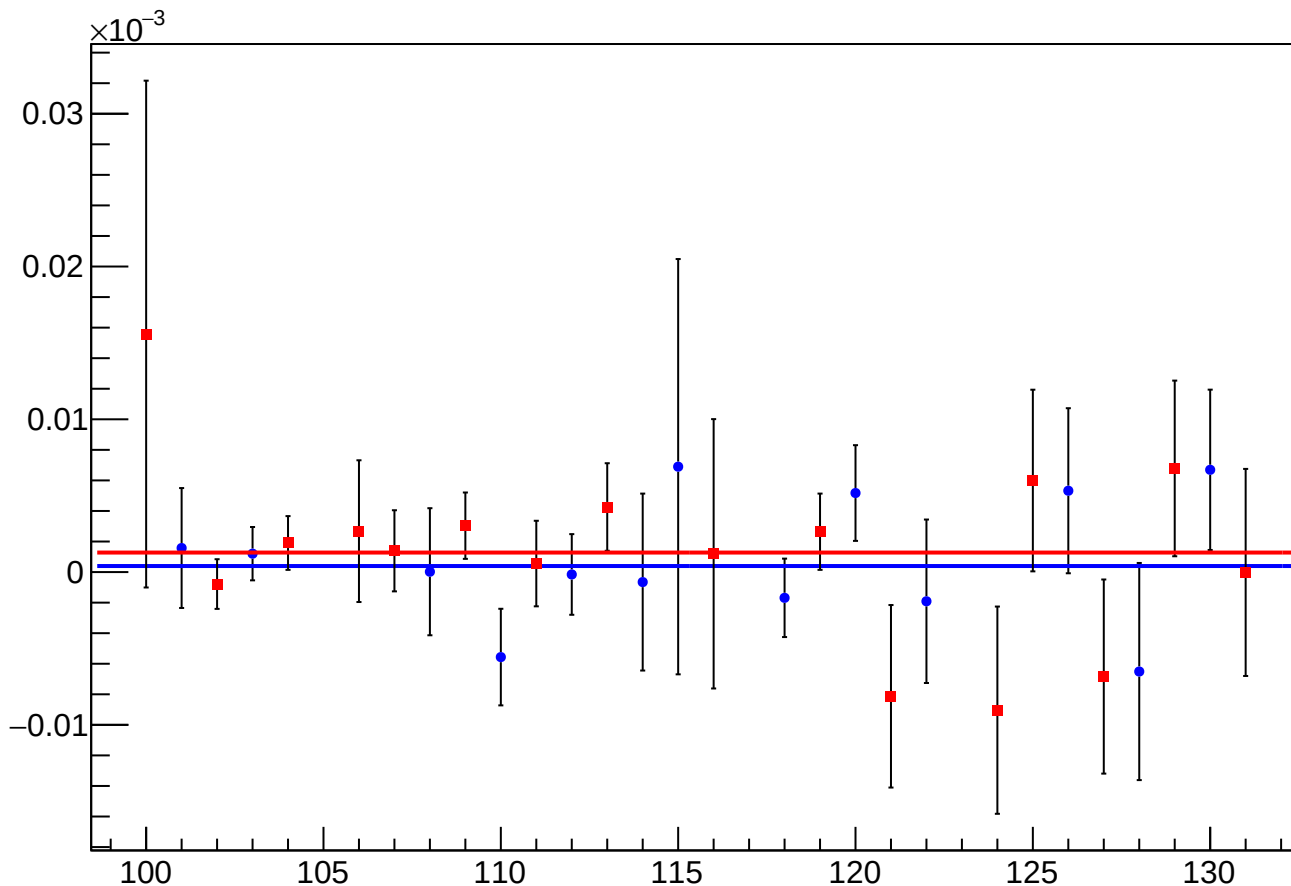
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.197+/-0.010 χ^2/NDF : 4519764.3/28

- 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: 10.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.7/15

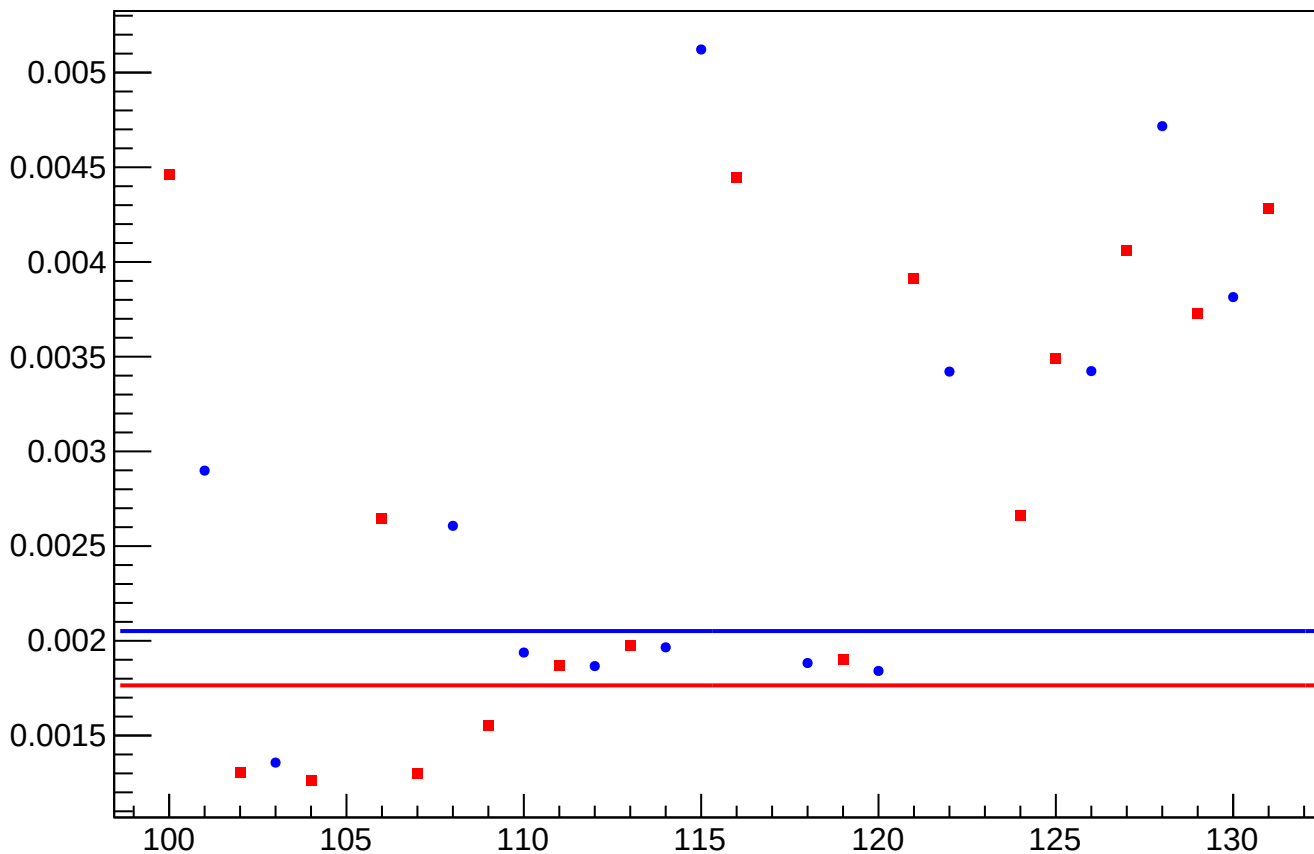
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.8/28

- 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 : 1345454.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1965305.2/15

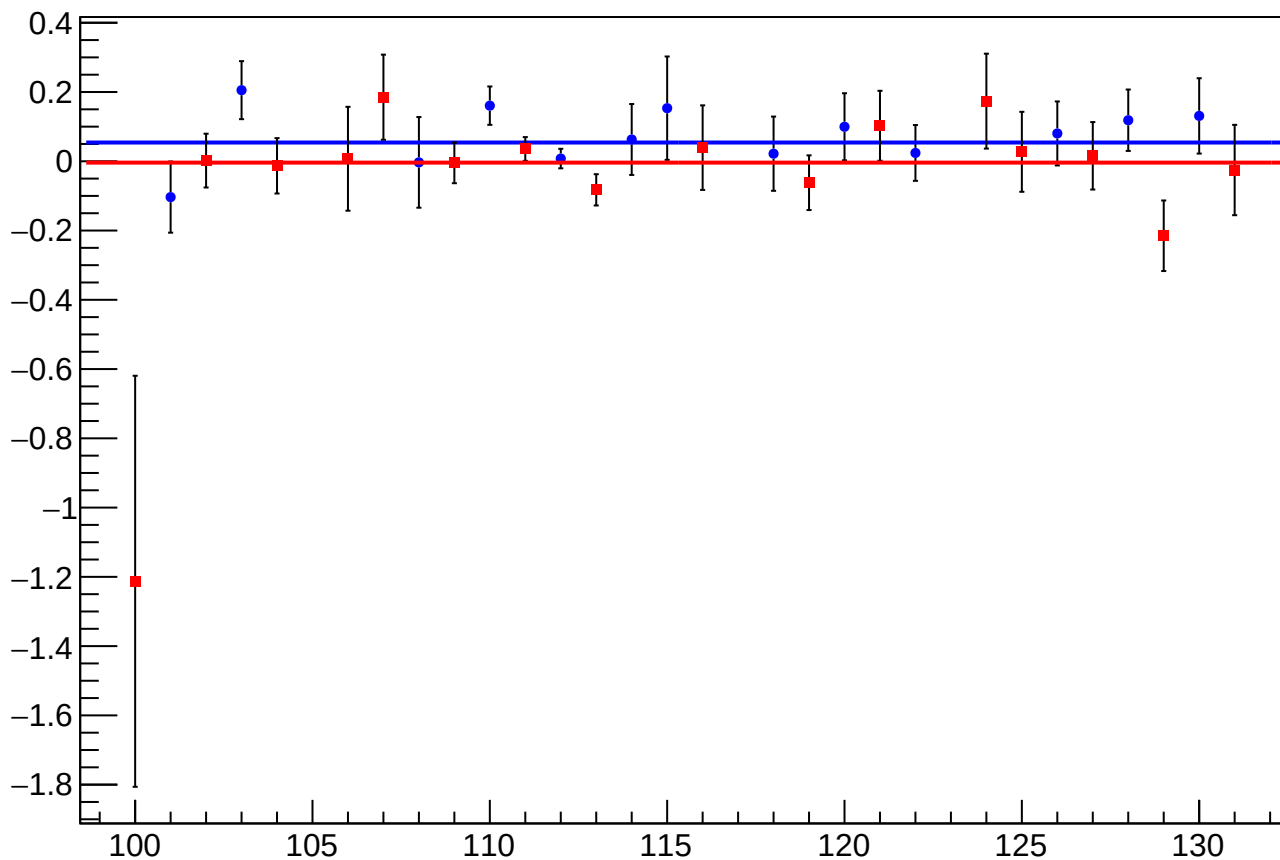
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3420708.8/28

- 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: 0.054 $\pm$ 0.019 χ^2 /NDF: 14.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.004 $\pm$ 0.019 χ^2 /NDF: 18.8/15

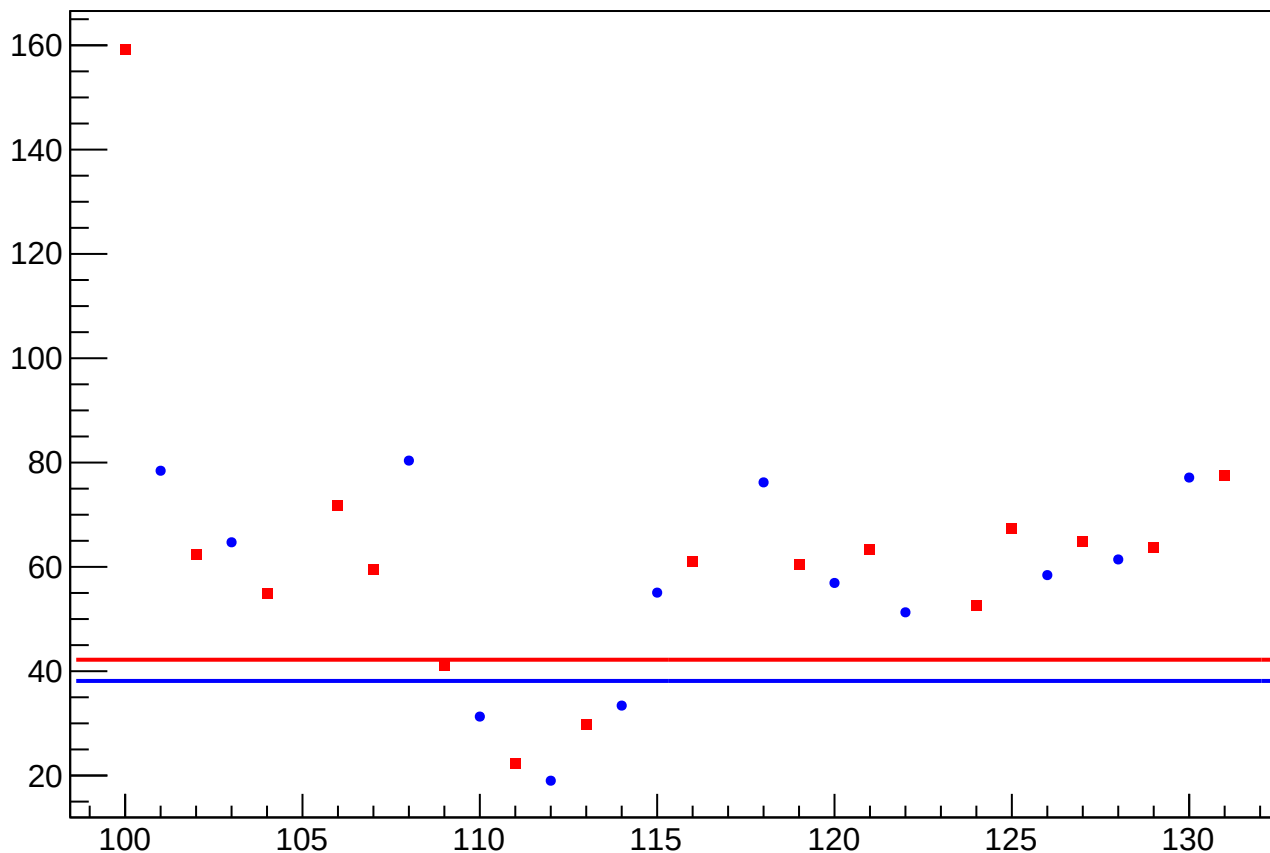
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.025 $\pm$ 0.014 χ^2 /NDF: 37.6/28

- 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: 38.134+/-0.014 χ^2/NDF : 2573482.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.200+/-0.013 χ^2/NDF : 1901236.9/15

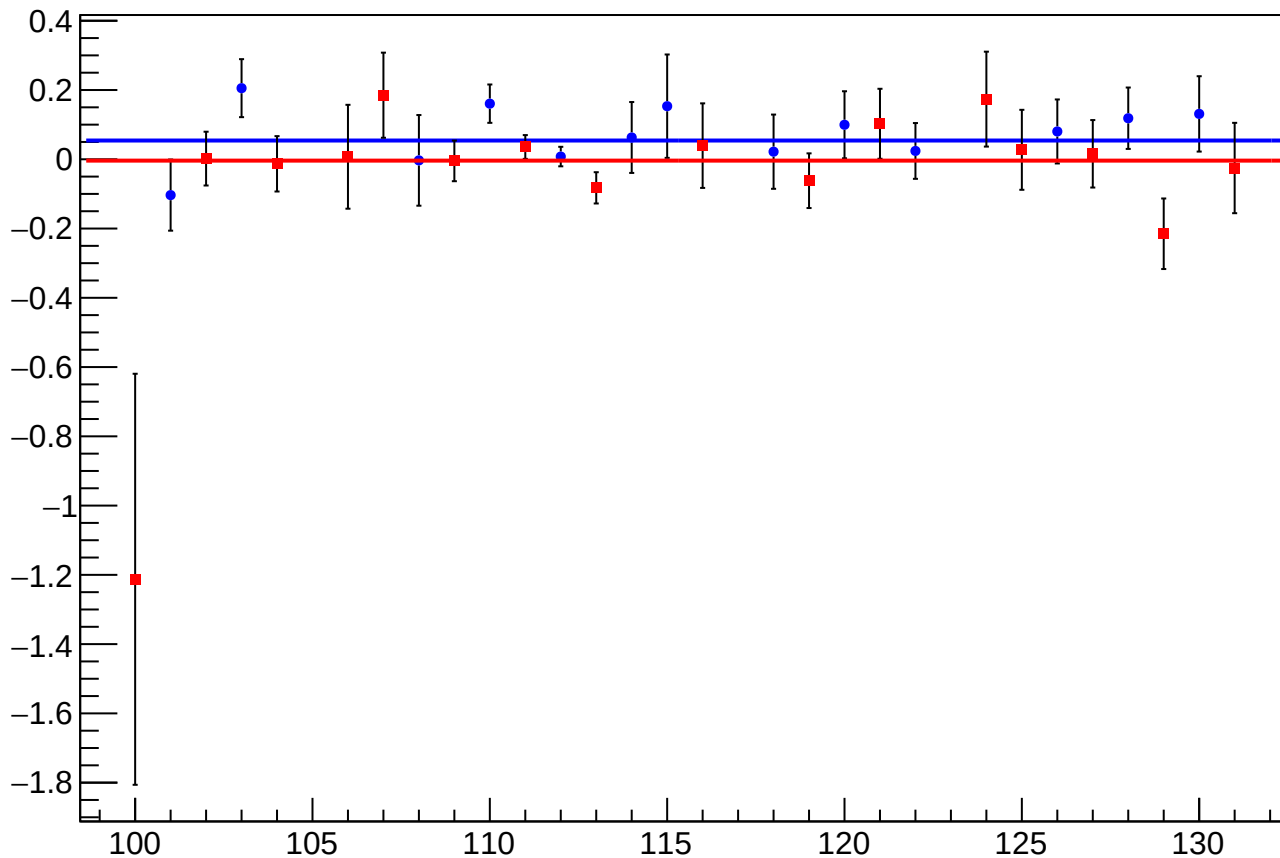
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.196+/-0.010 χ^2/NDF : 4520035.1/28

- 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: 0.054 $\pm$ 0.019 χ^2 /NDF: 14.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.004 $\pm$ 0.019 χ^2 /NDF: 18.8/15

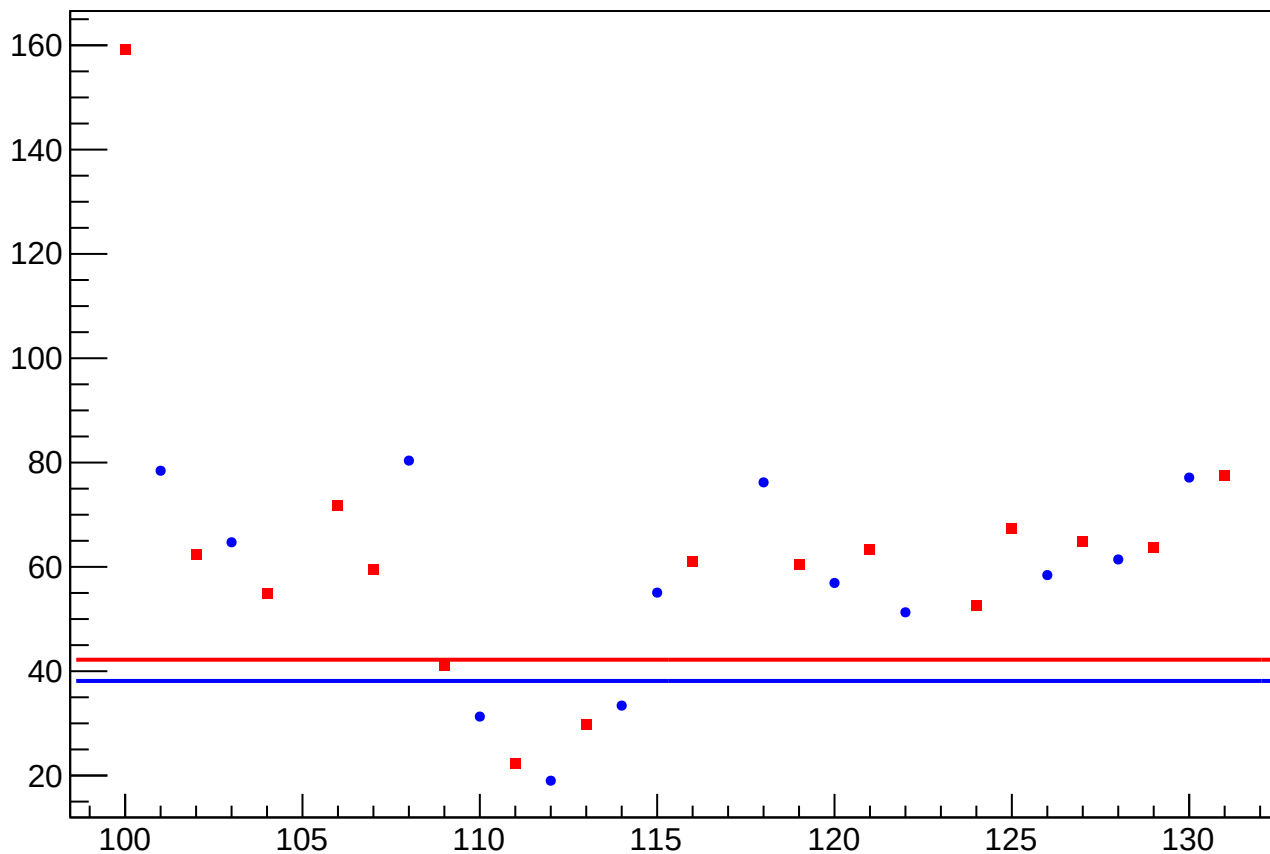
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.025 $\pm$ 0.014 χ^2 /NDF: 37.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 38.134+/-0.014 χ^2/NDF : 2573482.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.200+/-0.013 χ^2/NDF : 1901236.9/15

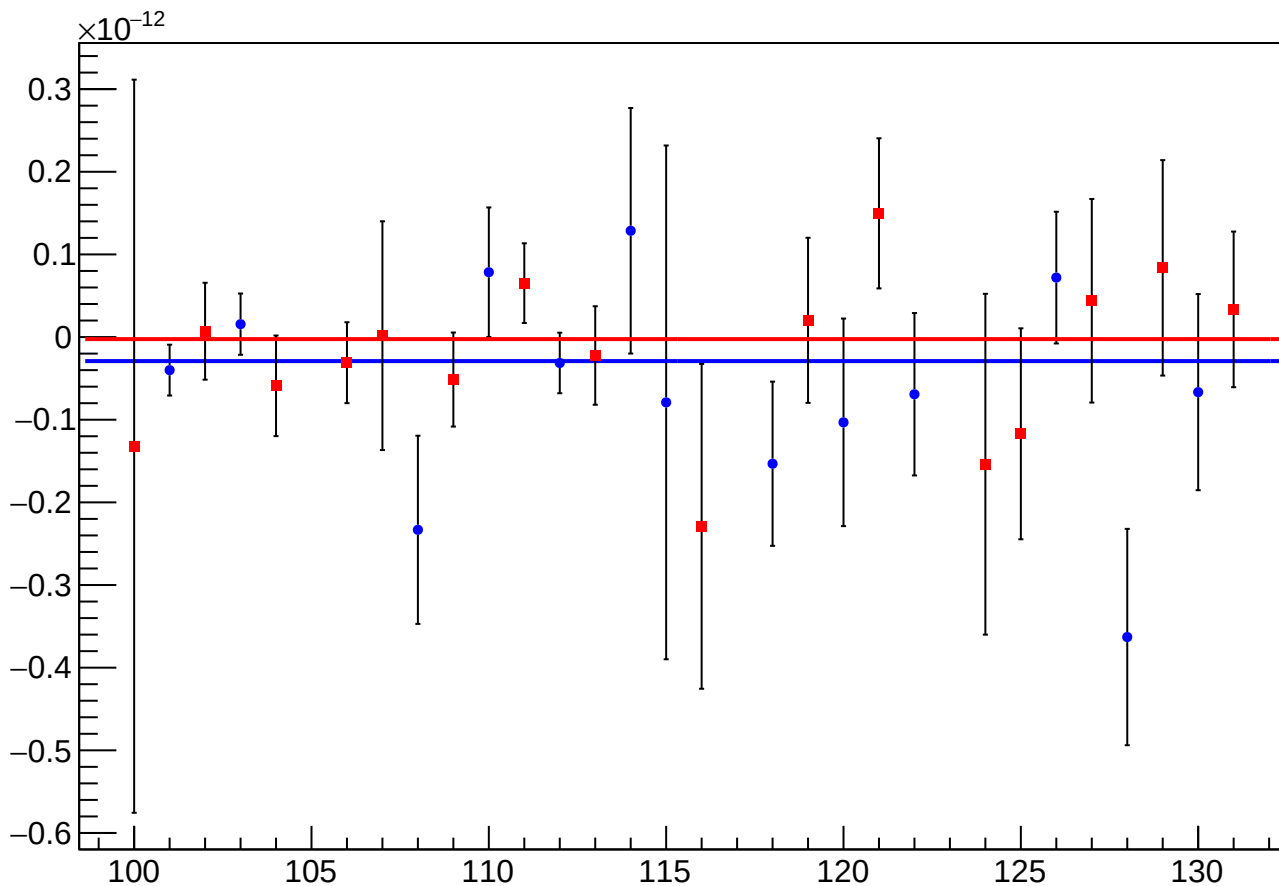
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.196+/-0.010 χ^2/NDF : 4520035.1/28

- 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 : 18.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.4/15

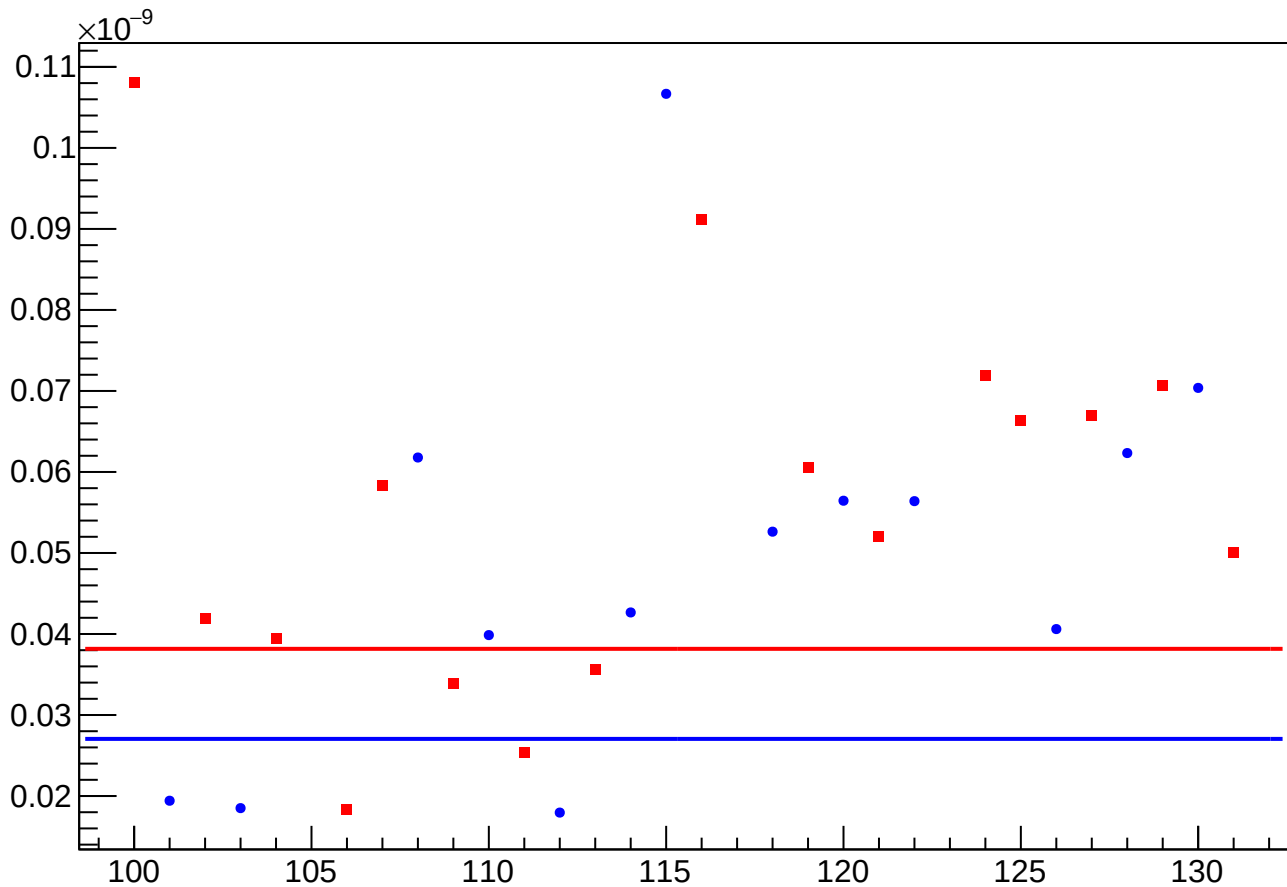
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1636483.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1295801.7/15

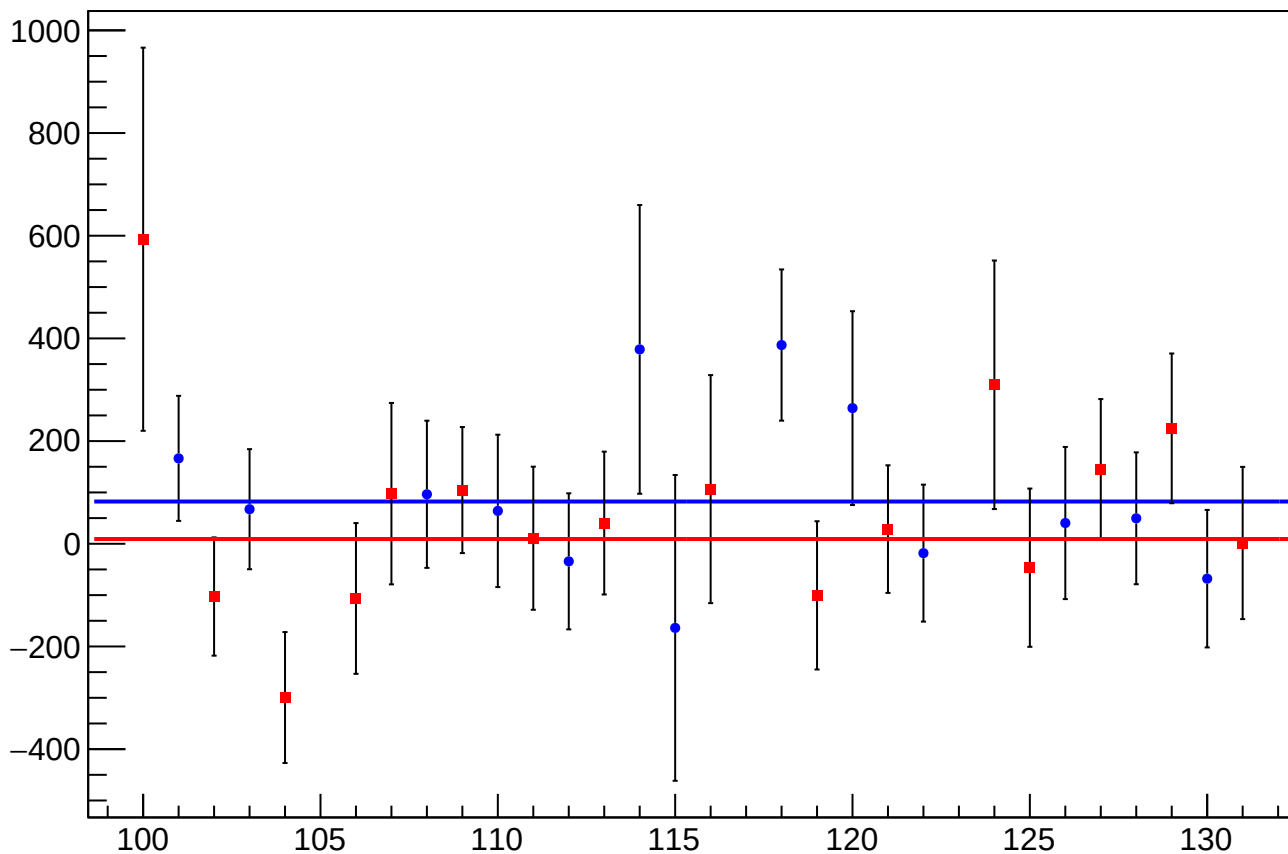
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3297585.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_dd_mean vs Slug



Right In: 82.318+/-40.561 χ^2/NDF : 10.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.287+/-37.010 χ^2/NDF : 16.4/15

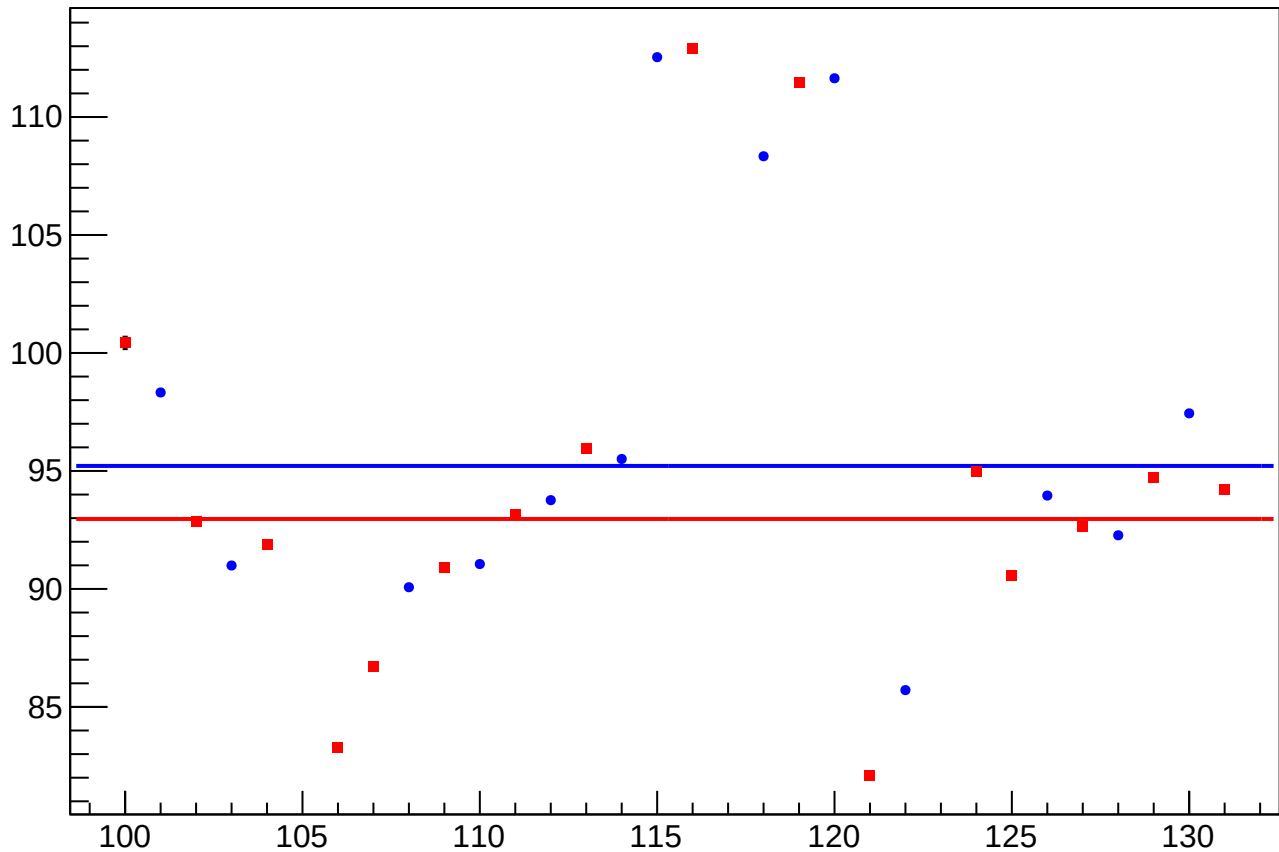
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.466+/-27.339 χ^2/NDF : 28.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_rms vs Slug



Right In: 95.213+/-0.029 χ^2/NDF : 58002.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.965+/-0.026 χ^2/NDF : 79011.2/15

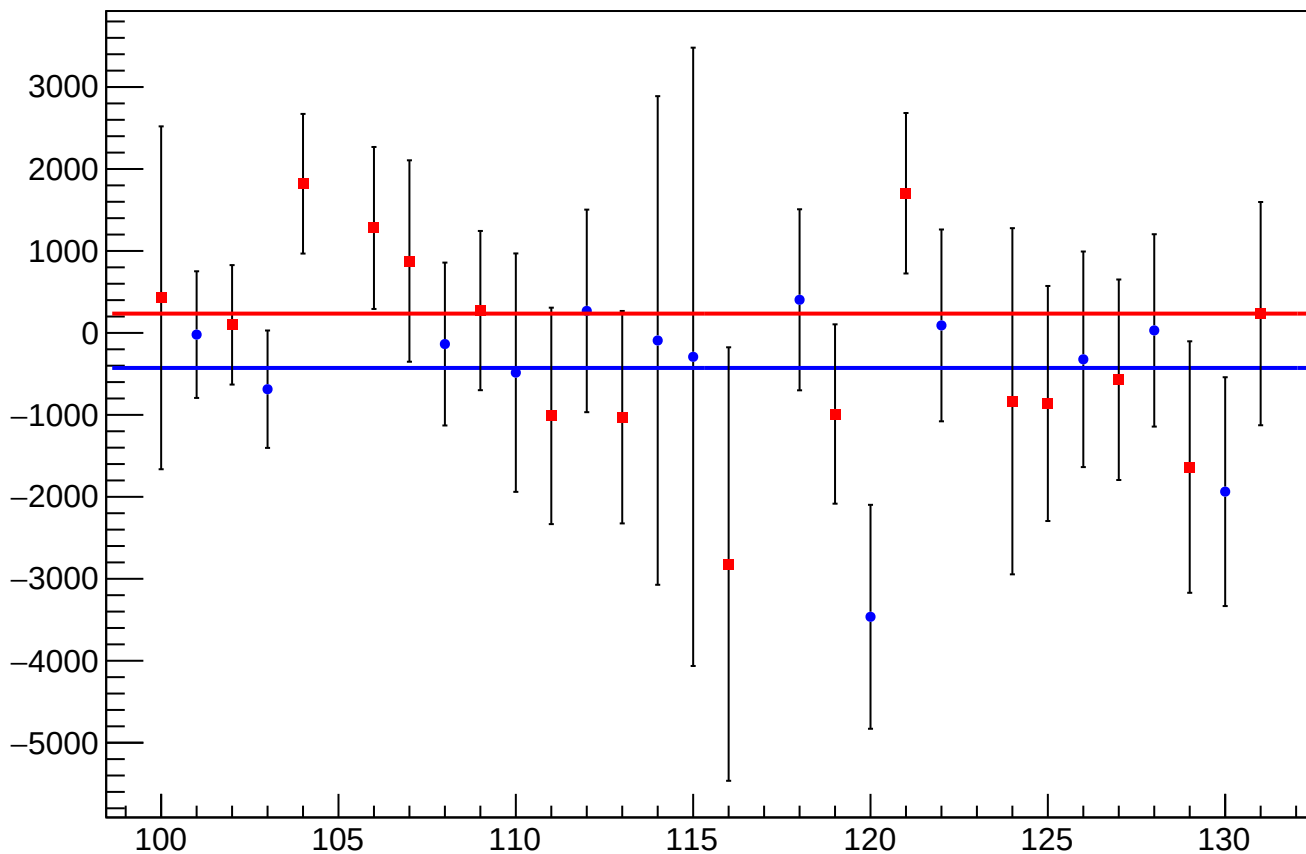
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.986+/-0.019 χ^2/NDF : 140366.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_reg_correction_mean vs Slug



Right In: -427.400+/-318.615 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 235.515+/-291.497 χ^2/NDF : 14.3/15

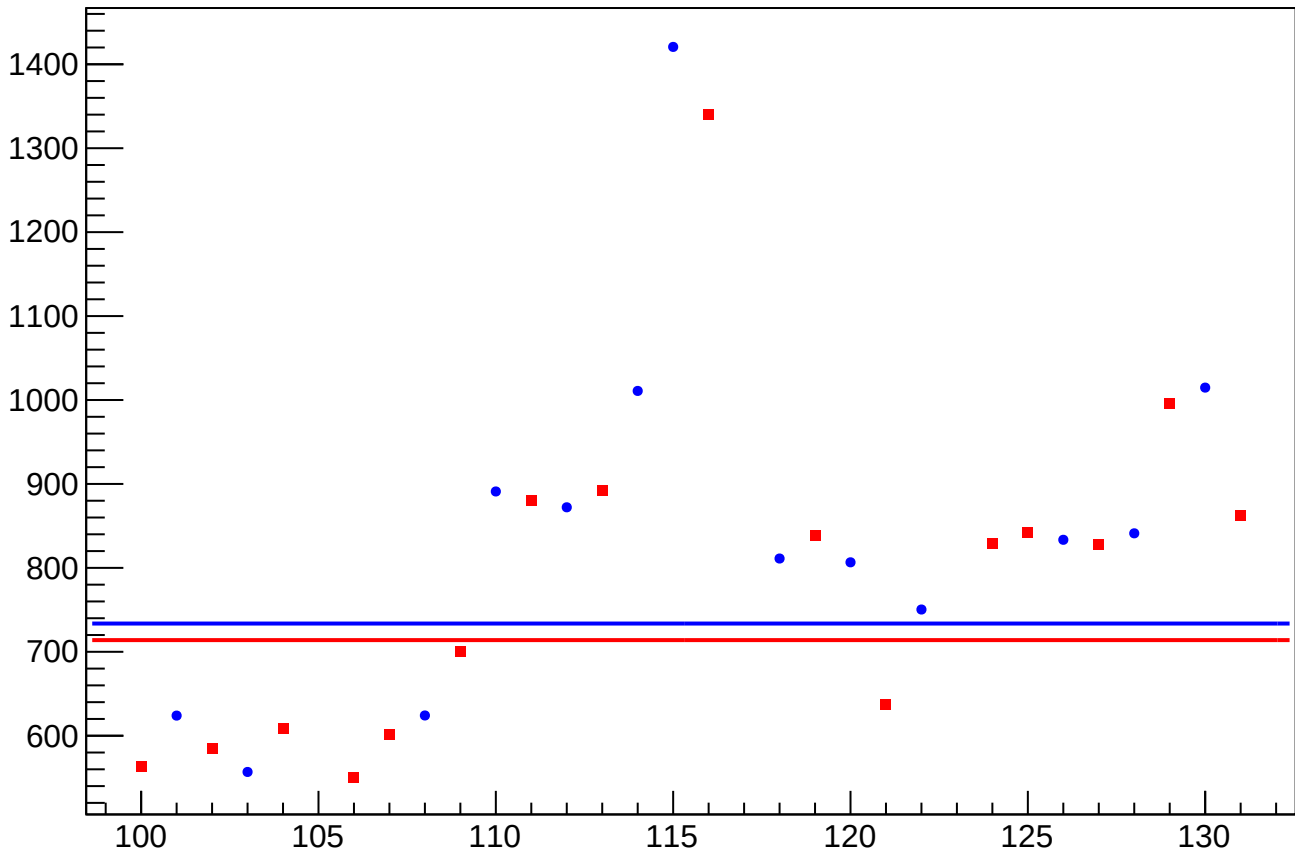
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -66.537+/-215.069 χ^2/NDF : 24.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_reg_correction_rms vs Slug



Right In: 733.675+/-0.225 χ^2/NDF : 444016.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 713.933+/-0.206 χ^2/NDF : 525018.2/15

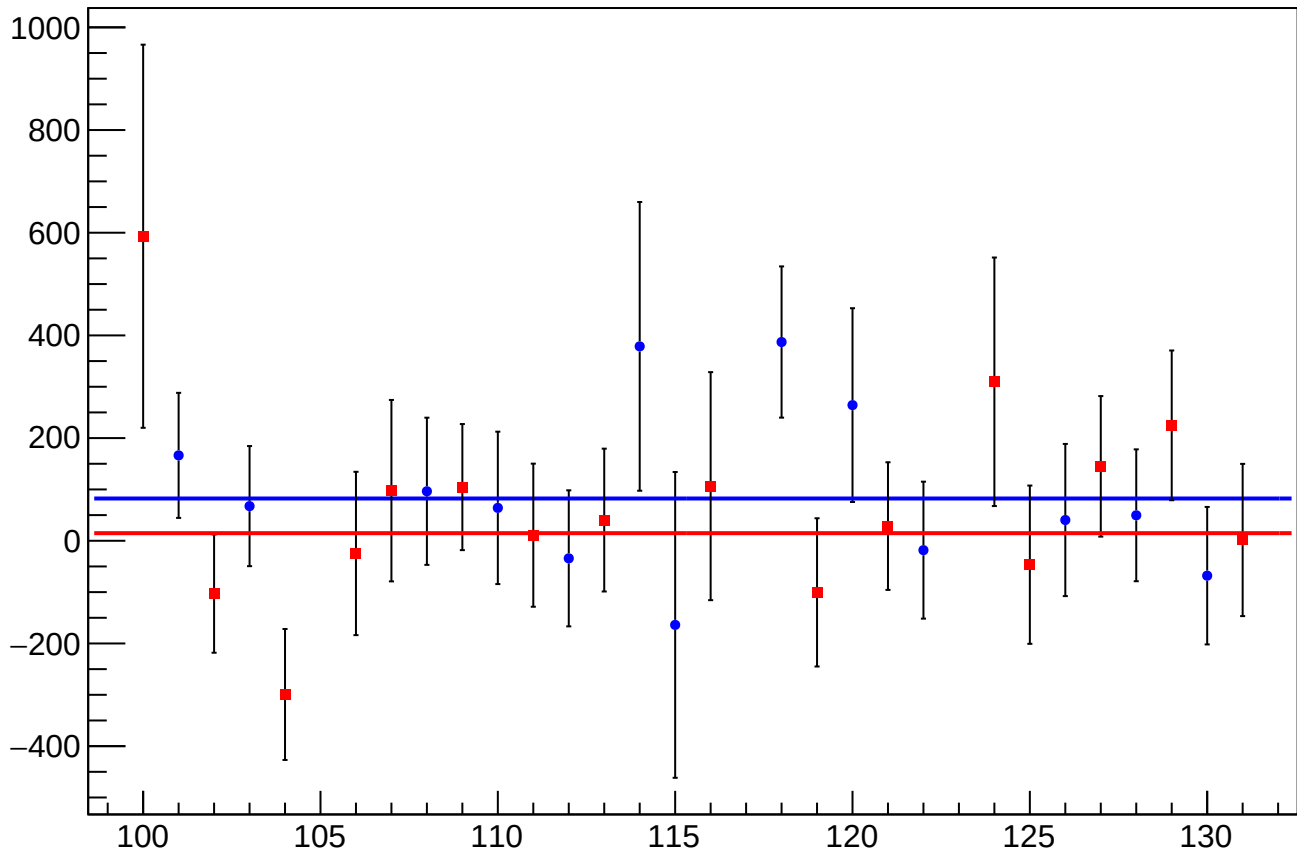
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 722.928+/-0.152 χ^2/NDF : 973214.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_dd_mean vs Slug



Right In: 82.344+/-40.561 χ^2/NDF : 10.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.843+/-37.185 χ^2/NDF : 15.8/15

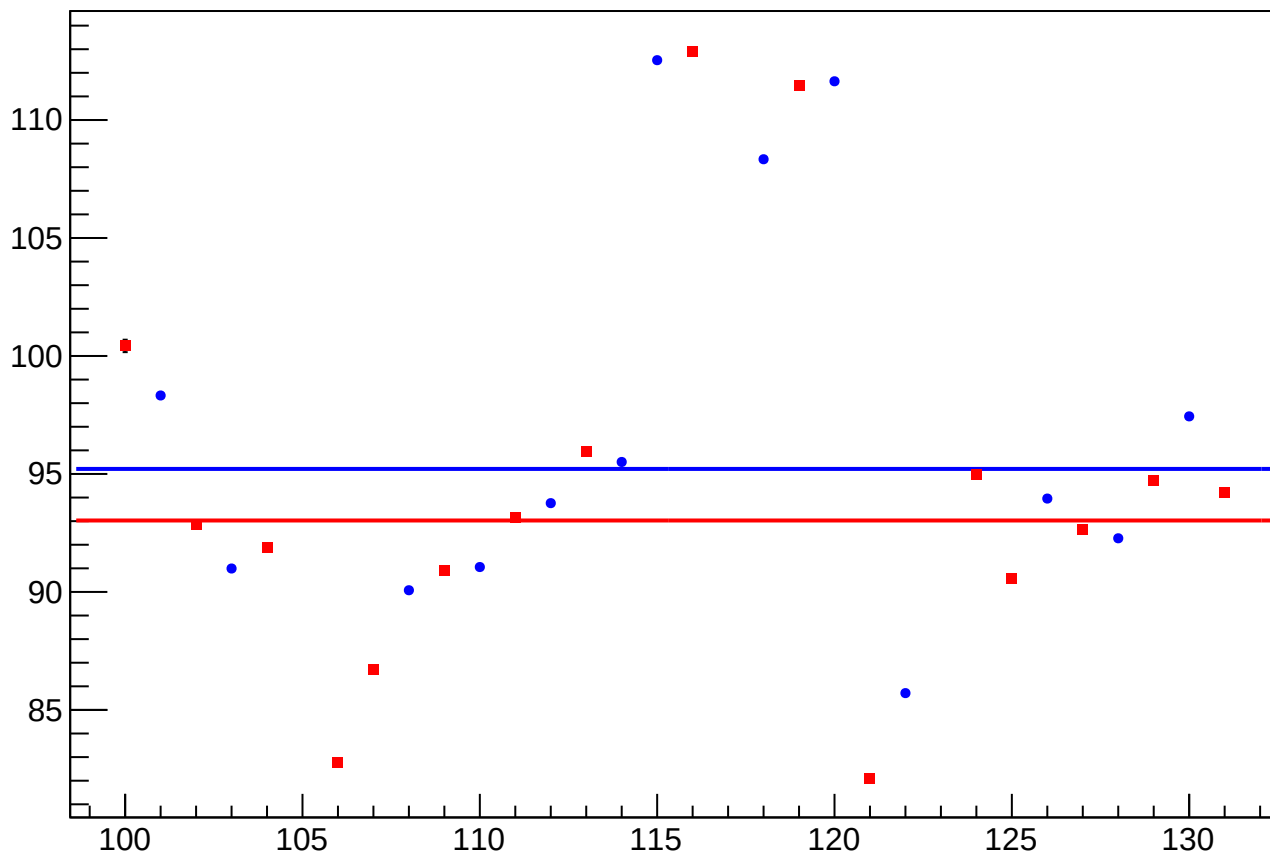
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.668+/-27.410 χ^2/NDF : 27.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_dd_rms vs Slug



Right In: 95.213+/-0.029 χ^2/NDF : 58002.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.028+/-0.026 χ^2/NDF : 78563.8/15

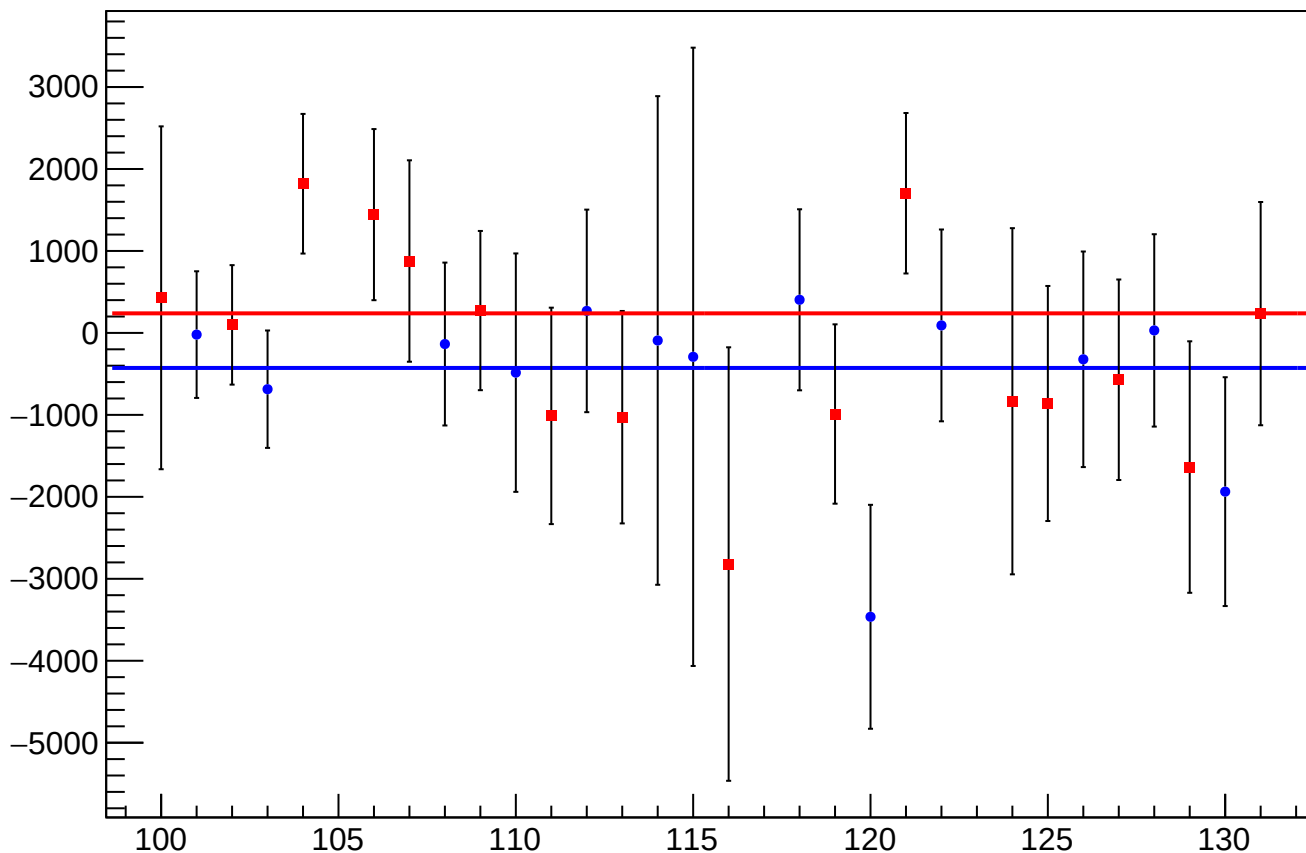
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.026+/-0.019 χ^2/NDF : 139720.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_cor_correction_mean vs Slug



Right In: -427.393 ± 318.614 χ^2/NDF : 7.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 238.688 ± 292.830 χ^2/NDF : 14.6/15

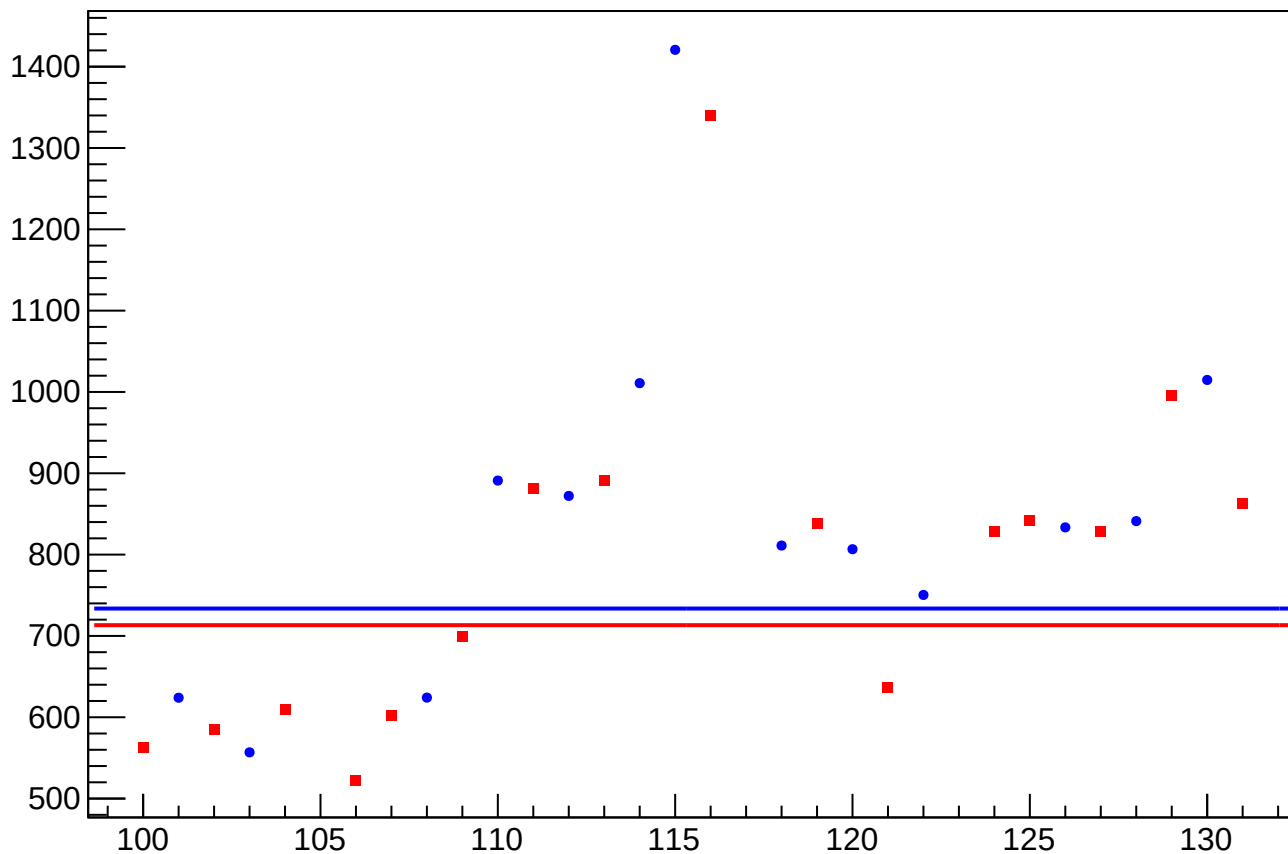
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -66.314 ± 215.602 χ^2/NDF : 24.8/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_cor_correction_rms vs Slug



Right In: 733.674+/-0.225 χ^2/NDF : 444021.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 713.234+/-0.207 χ^2/NDF : 537482.7/15

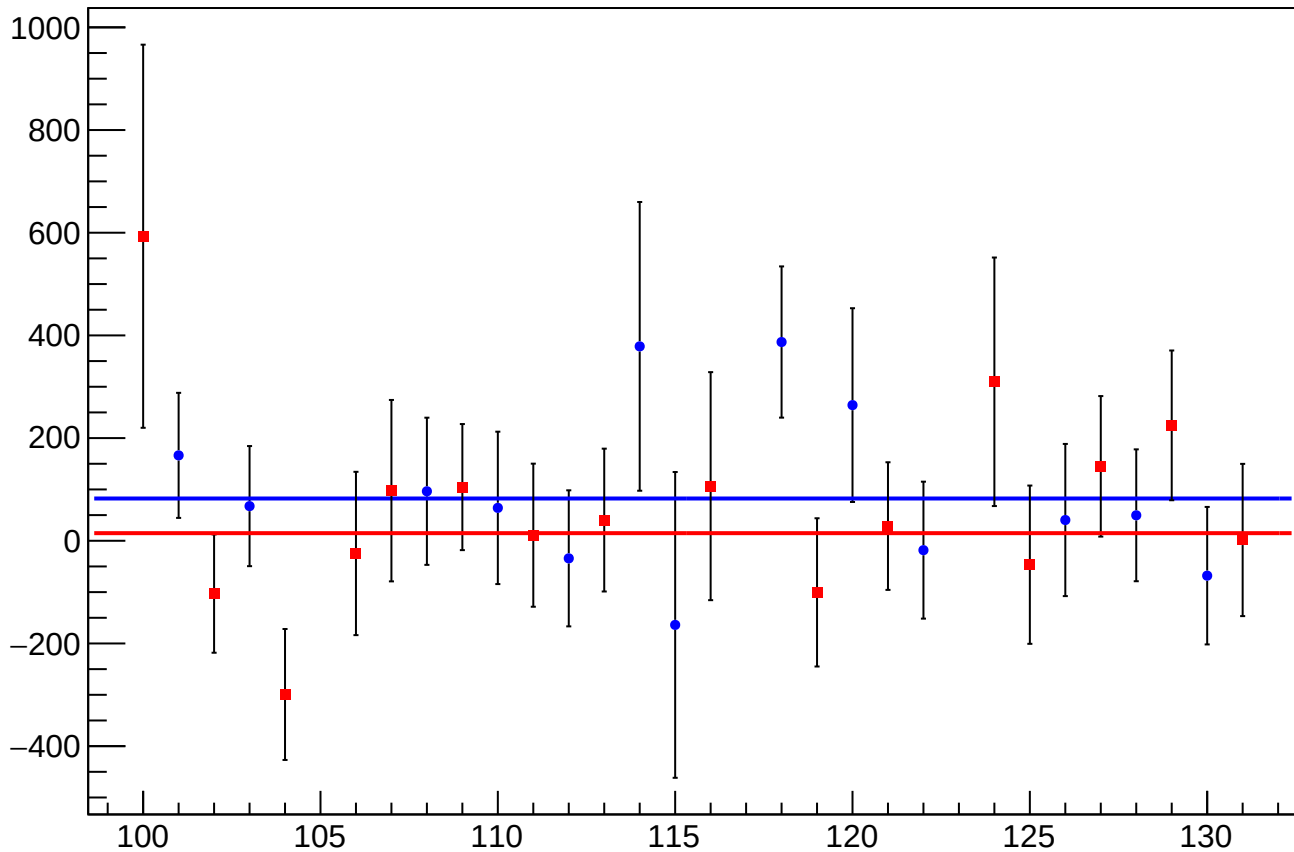
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 722.594+/-0.152 χ^2/NDF : 985965.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_dd_mean vs Slug



Right In: 82.344+/-40.561 χ^2/NDF : 10.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.843+/-37.185 χ^2/NDF : 15.8/15

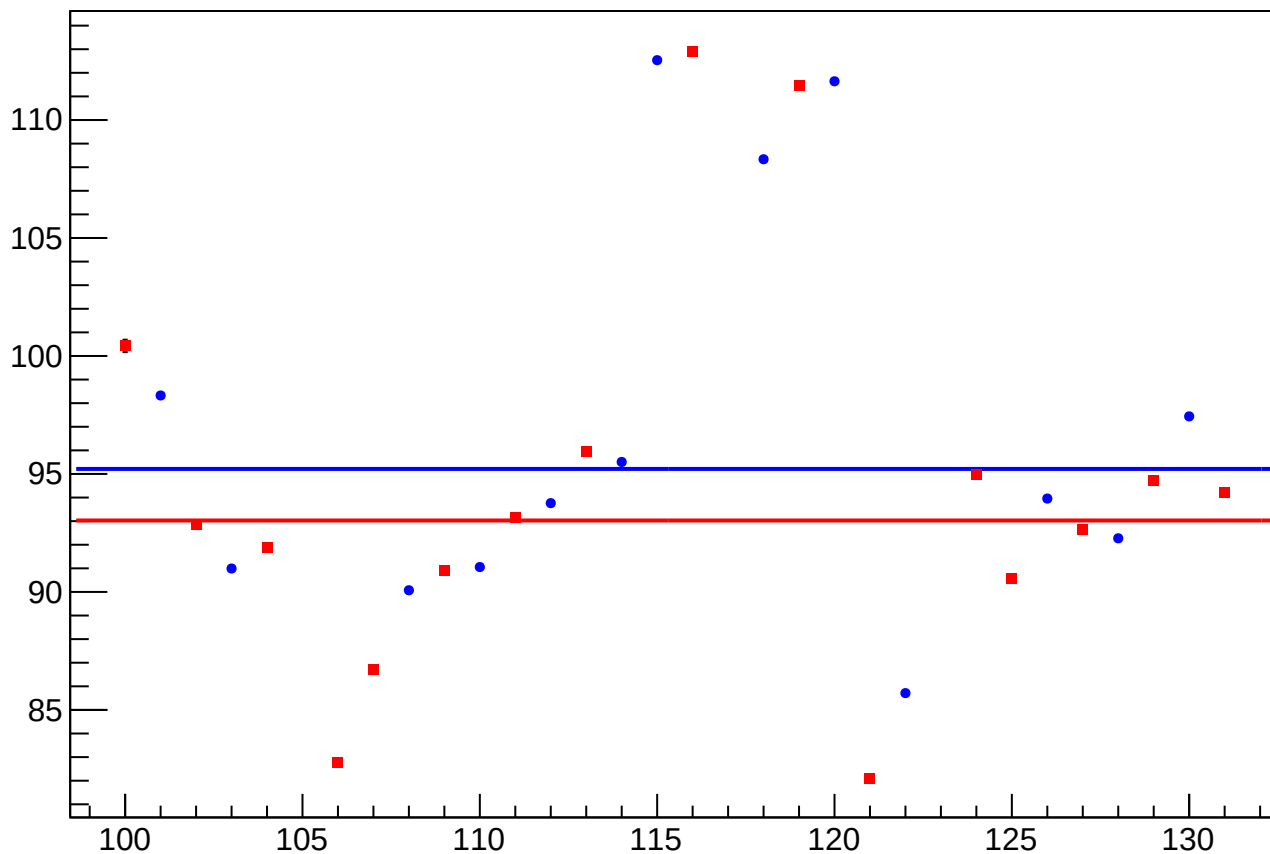
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.668+/-27.410 χ^2/NDF : 27.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_dd_rms vs Slug



Right In: 95.213+/-0.029 χ^2/NDF : 58002.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.028+/-0.026 χ^2/NDF : 78563.8/15

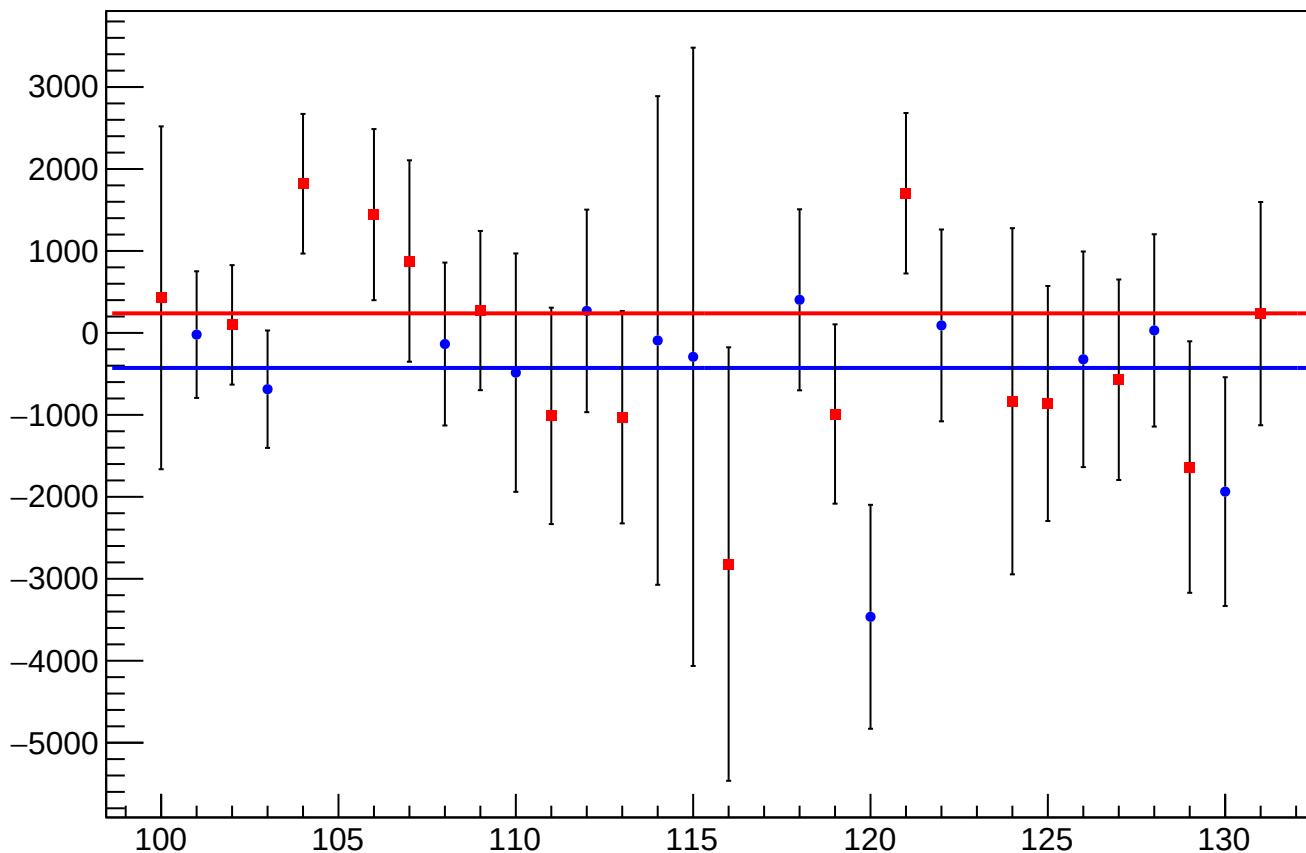
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.026+/-0.019 χ^2/NDF : 139720.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_cor_correction_mean vs Slug



Right In: -427.393+/-318.614 χ^2/NDF : 7.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 238.688+/-292.830 χ^2/NDF : 14.6/15

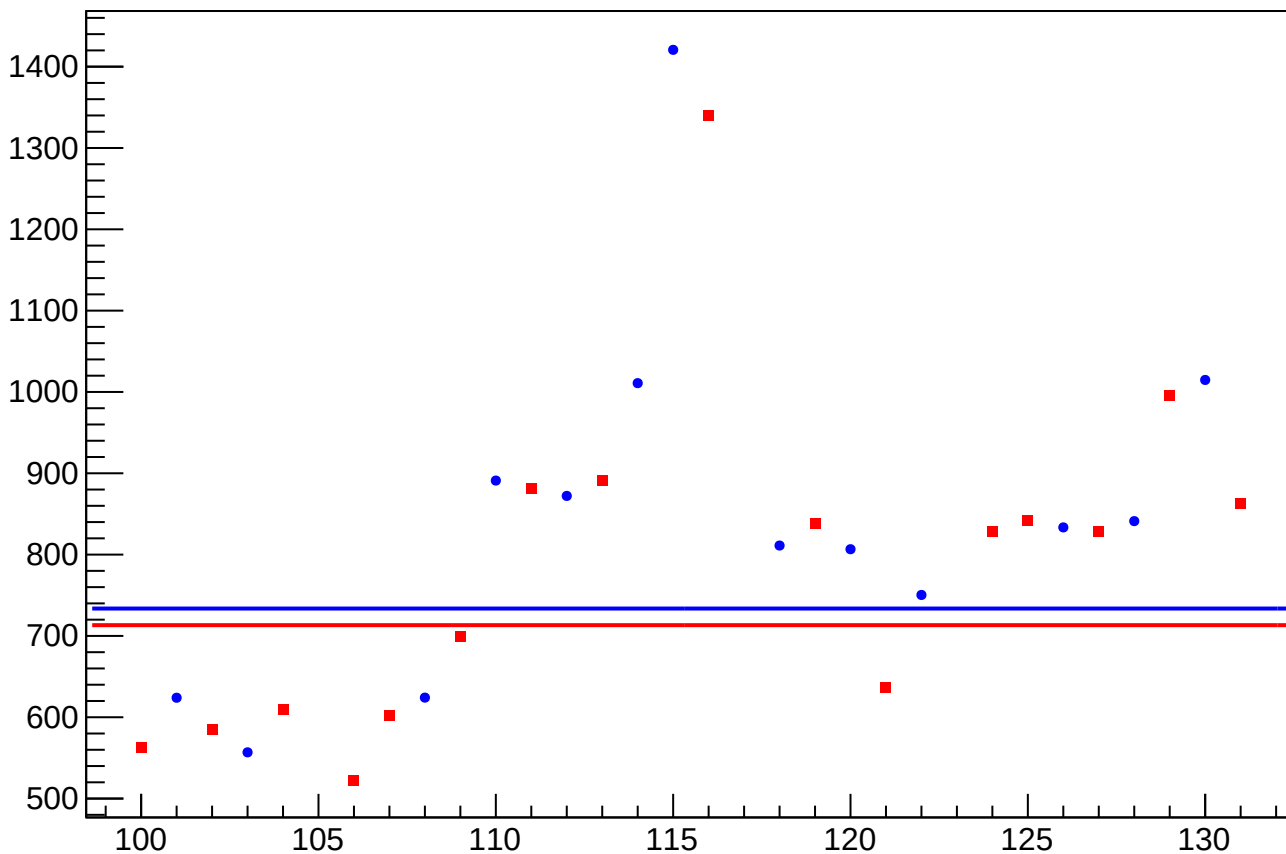
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -66.314+/-215.602 χ^2/NDF : 24.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_cor_correction_rms vs Slug



Right In: 733.674+/-0.225 χ^2/NDF : 444021.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 713.234+/-0.207 χ^2/NDF : 537482.7/15

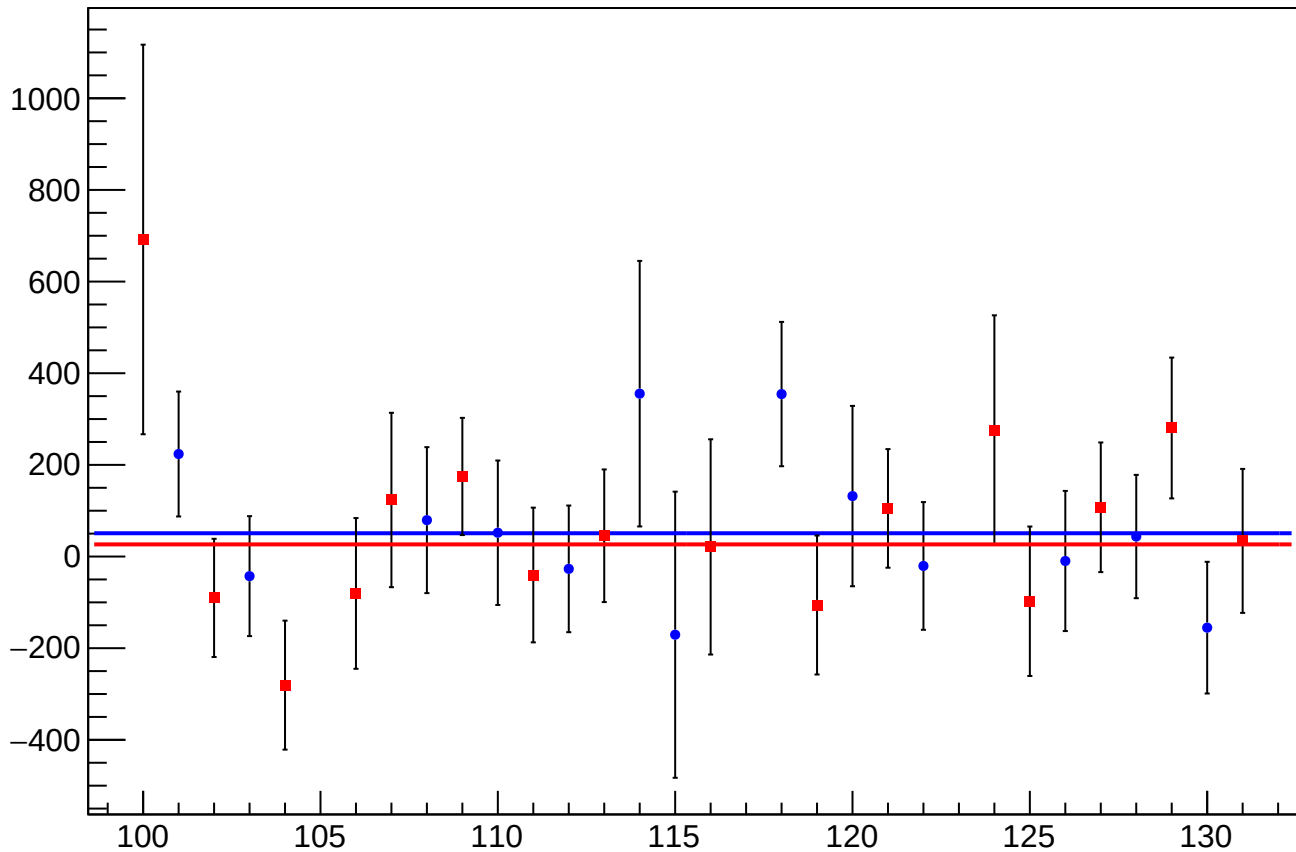
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 722.594+/-0.152 χ^2/NDF : 985965.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_mean vs Slug



Right In: 50.824+/-43.415 χ^2/NDF : 10.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.503+/-39.415 χ^2/NDF : 16.0/15

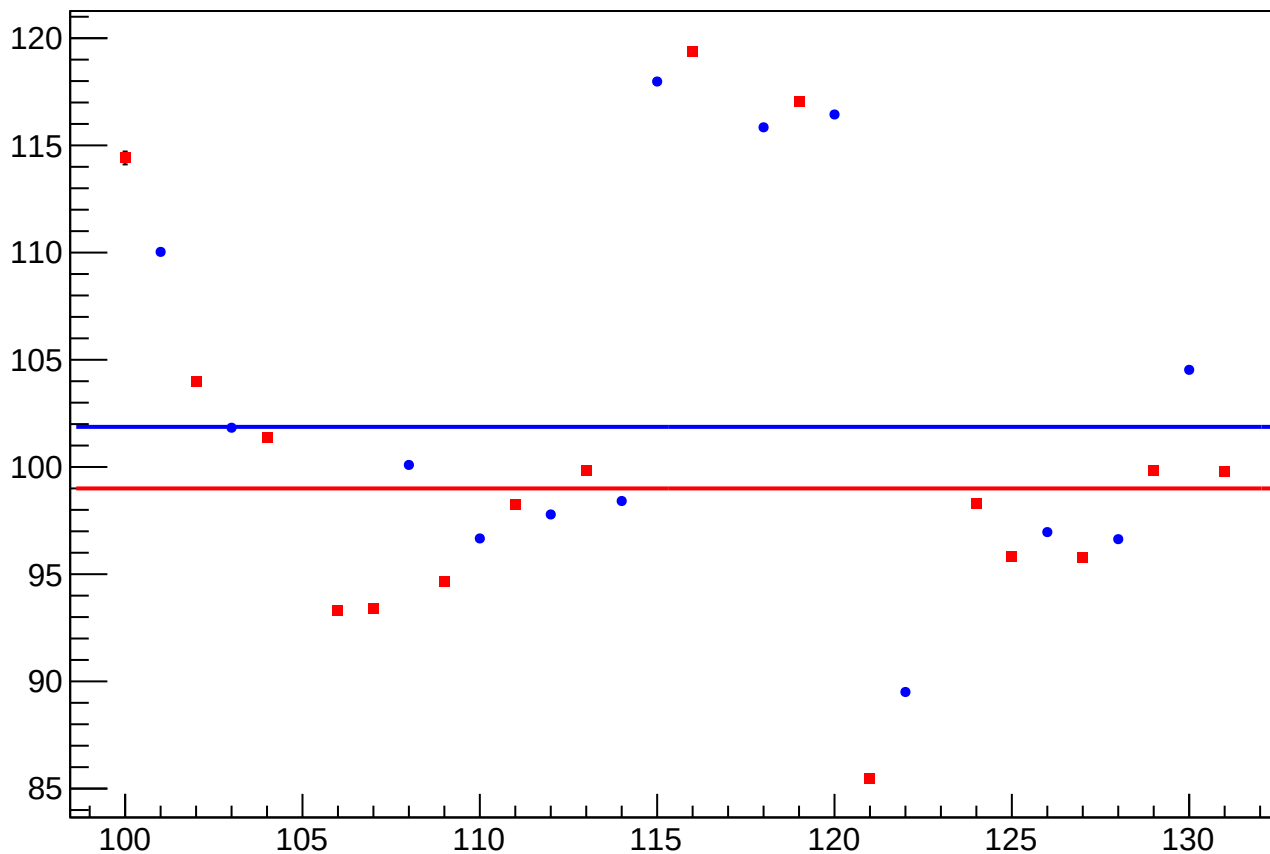
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.492+/-29.183 χ^2/NDF : 26.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_rms vs Slug



Right In: 101.871 $\pm$ 0.031 χ^2 /NDF: 65188.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 99.000 $\pm$ 0.028 χ^2 /NDF: 80057.5/15

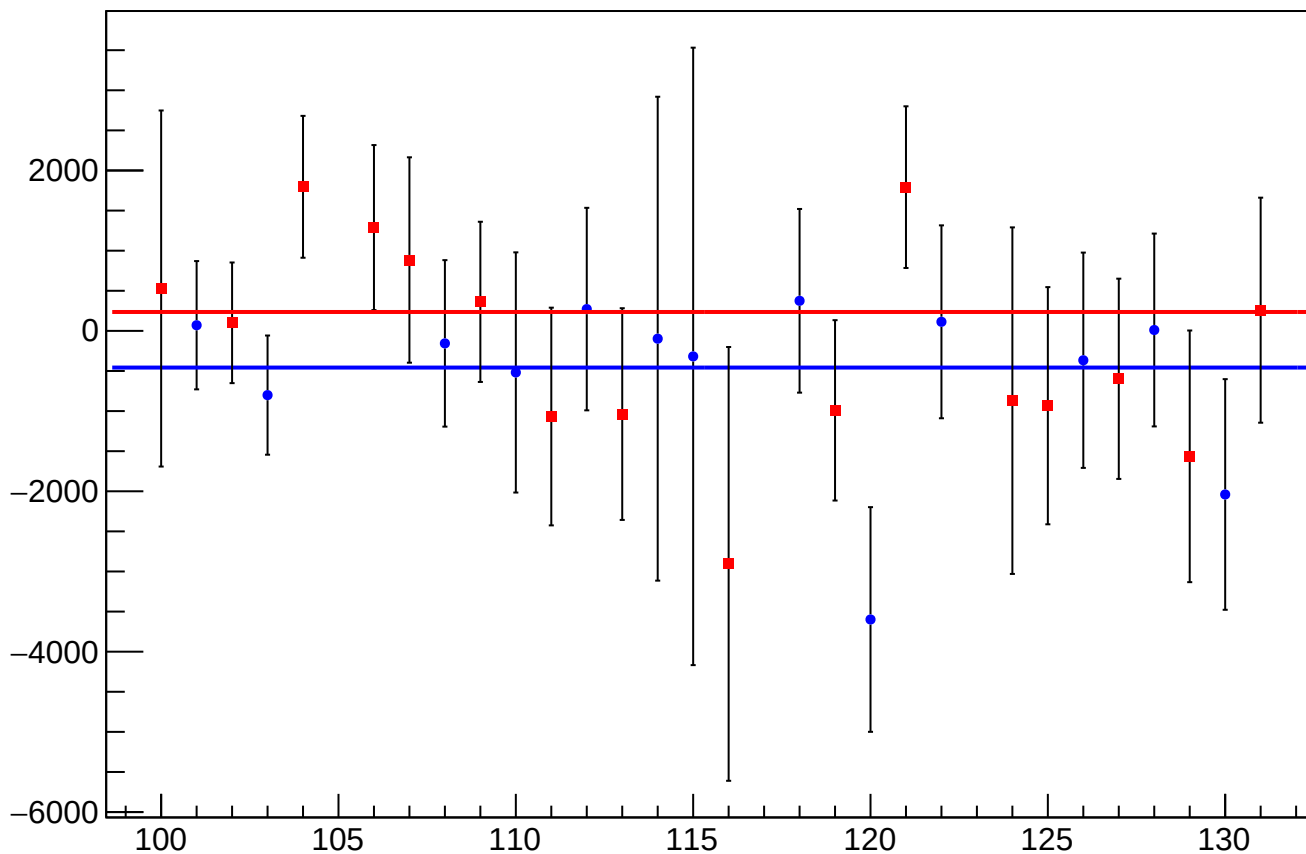
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.297 $\pm$ 0.021 χ^2 /NDF: 150042.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_dit_correction_mean vs Slug



Right In: -457.338 ± 328.859 χ^2/NDF : 8.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 235.744 ± 300.673 χ^2/NDF : 13.9/15

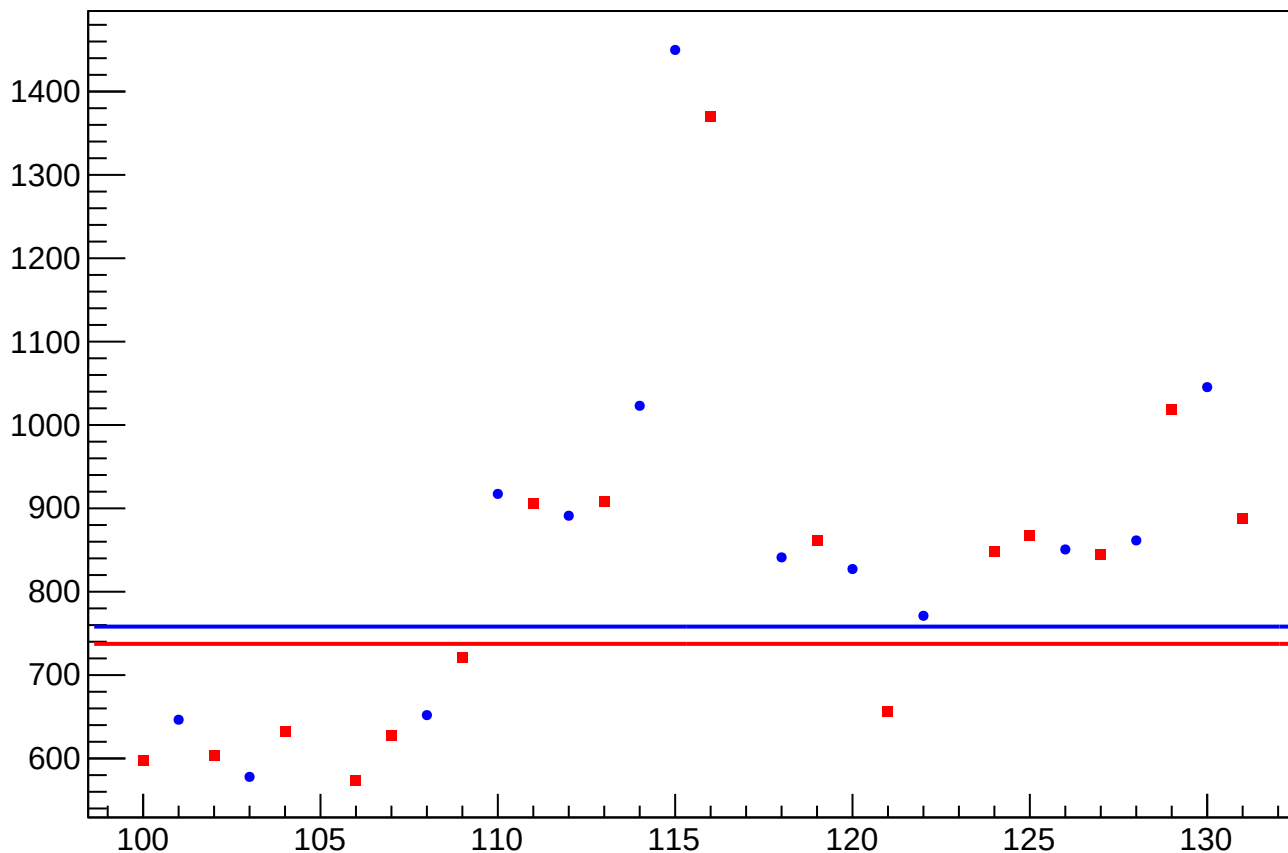
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -79.828 ± 221.905 χ^2/NDF : 24.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_dit_correction_rms vs Slug



Right In: 758.161+/-0.233 χ^2/NDF : 422089.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 737.449+/-0.213 χ^2/NDF : 498775.0/15

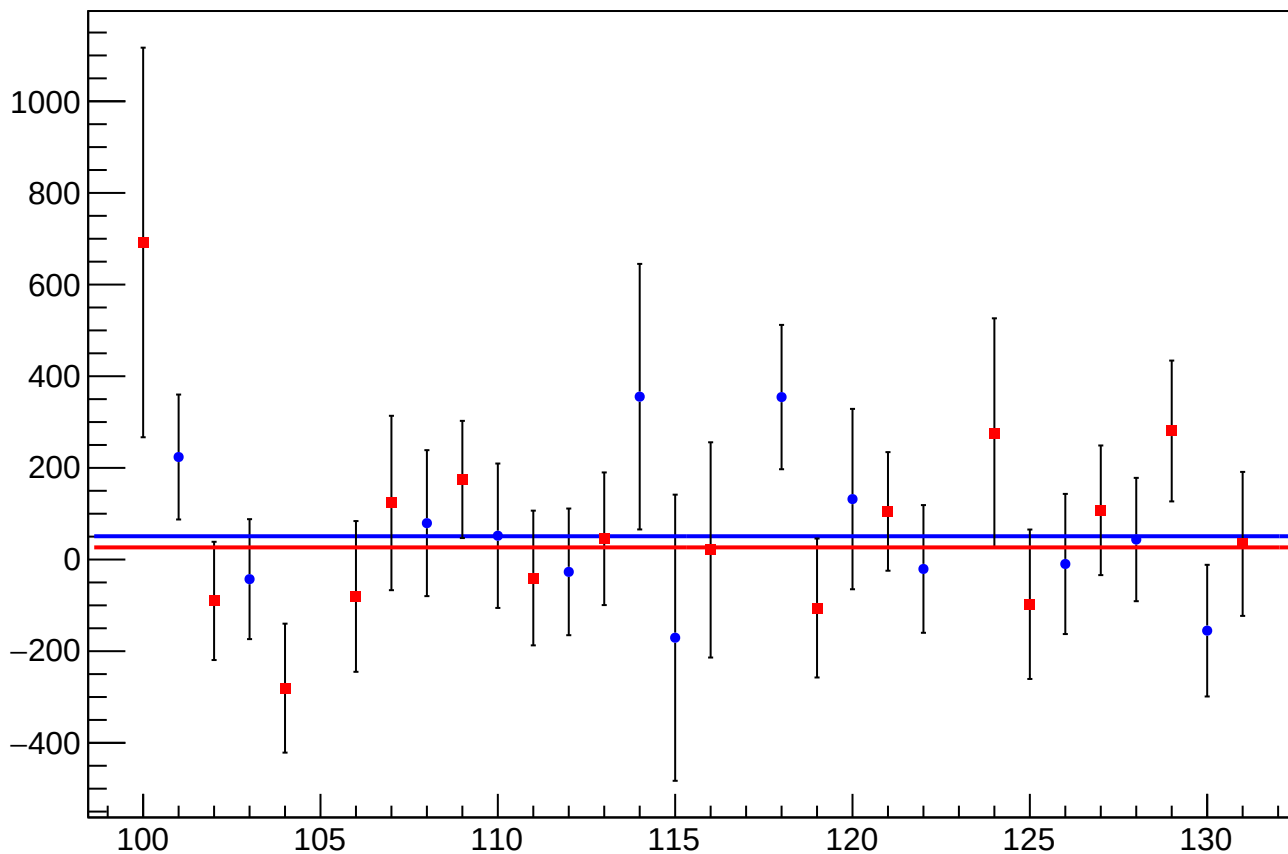
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 746.880+/-0.157 χ^2/NDF : 925185.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_dd_mean vs Slug



Right In: 50.825+/-43.415 χ^2/NDF : 10.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.505+/-39.415 χ^2/NDF : 16.0/15

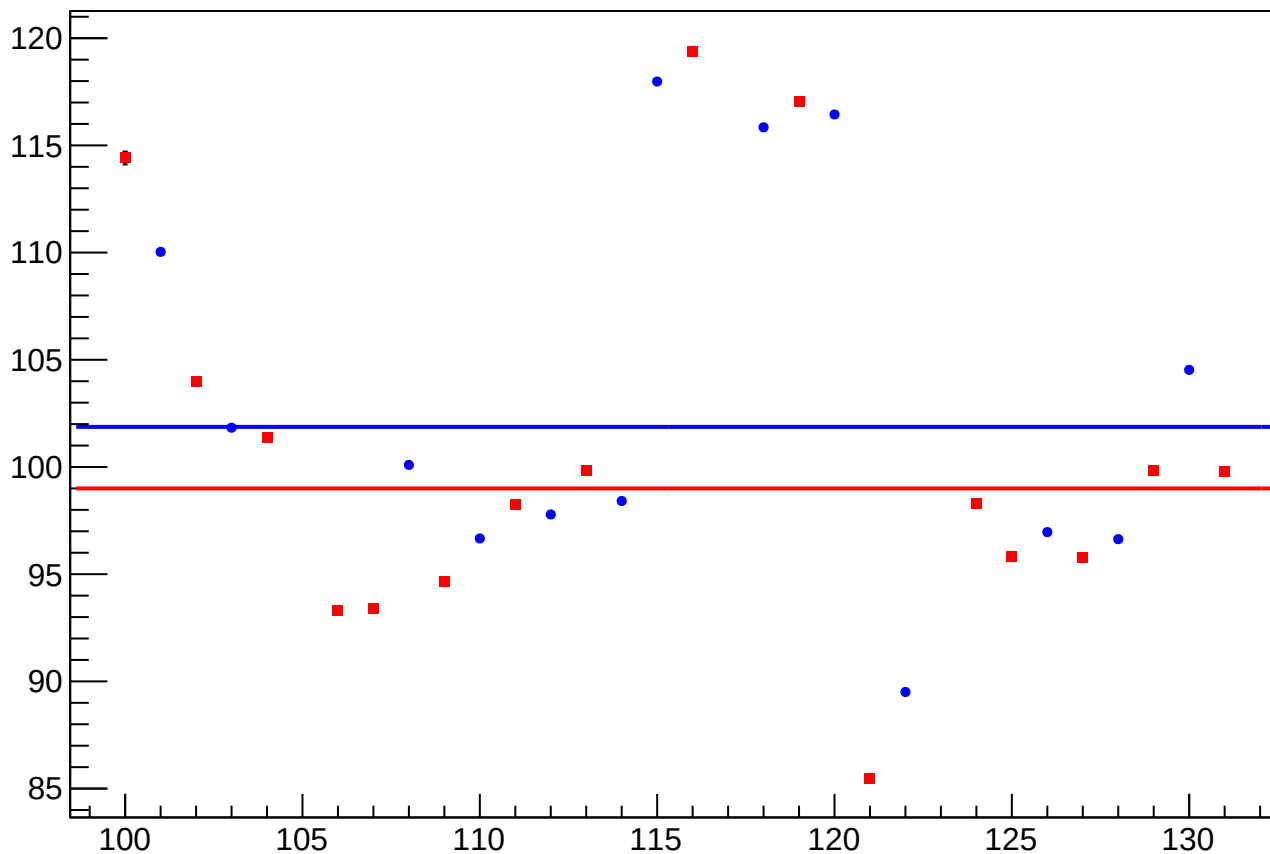
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.493+/-29.183 χ^2/NDF : 26.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_dd_rms vs Slug



Right In: 101.871 $\pm$ 0.031 χ^2 /NDF: 65188.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 98.999 $\pm$ 0.028 χ^2 /NDF: 80058.4/15

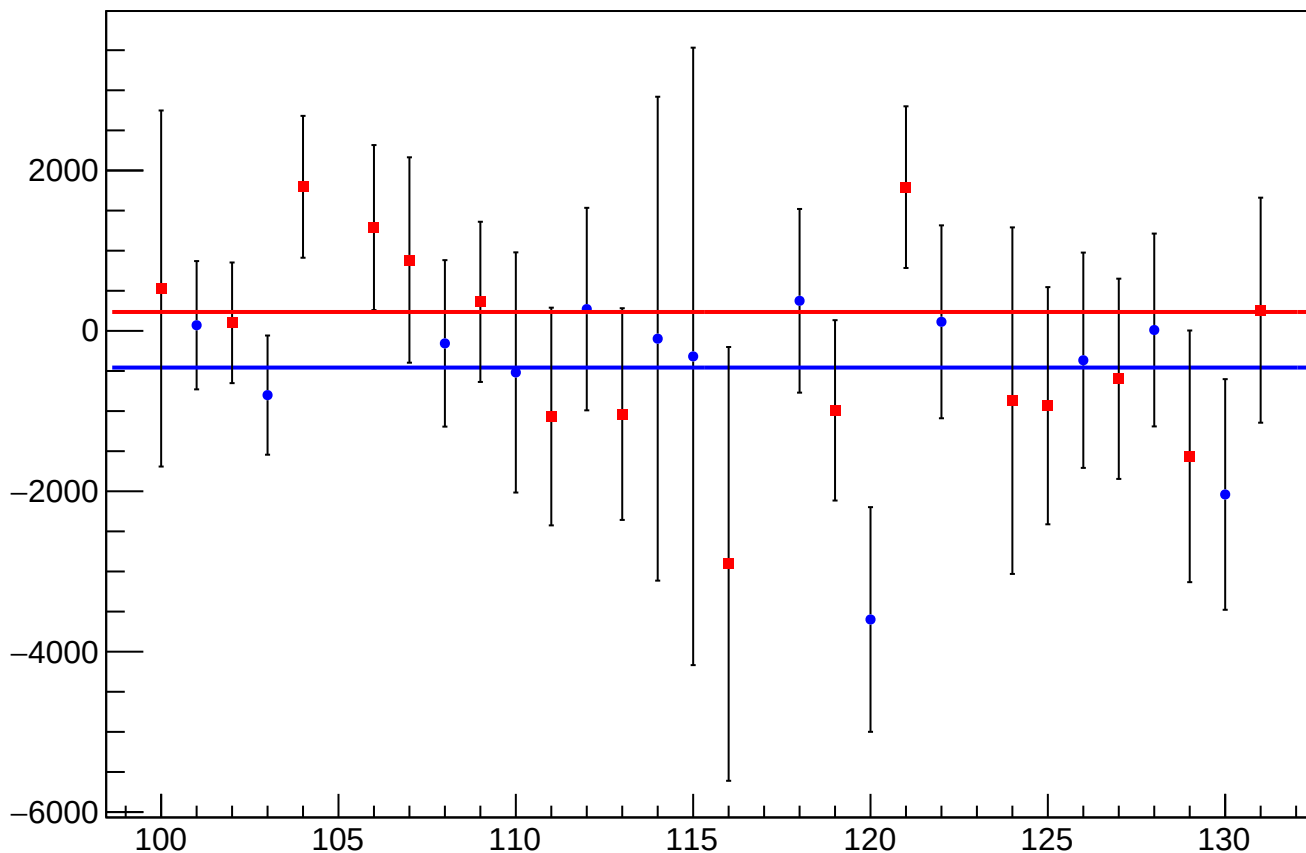
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.297 $\pm$ 0.021 χ^2 /NDF: 150043.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_dit_correction_mean vs Slug



Right In: -457.338+/-328.859 χ^2/NDF : 8.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 235.744+/-300.673 χ^2/NDF : 13.9/15

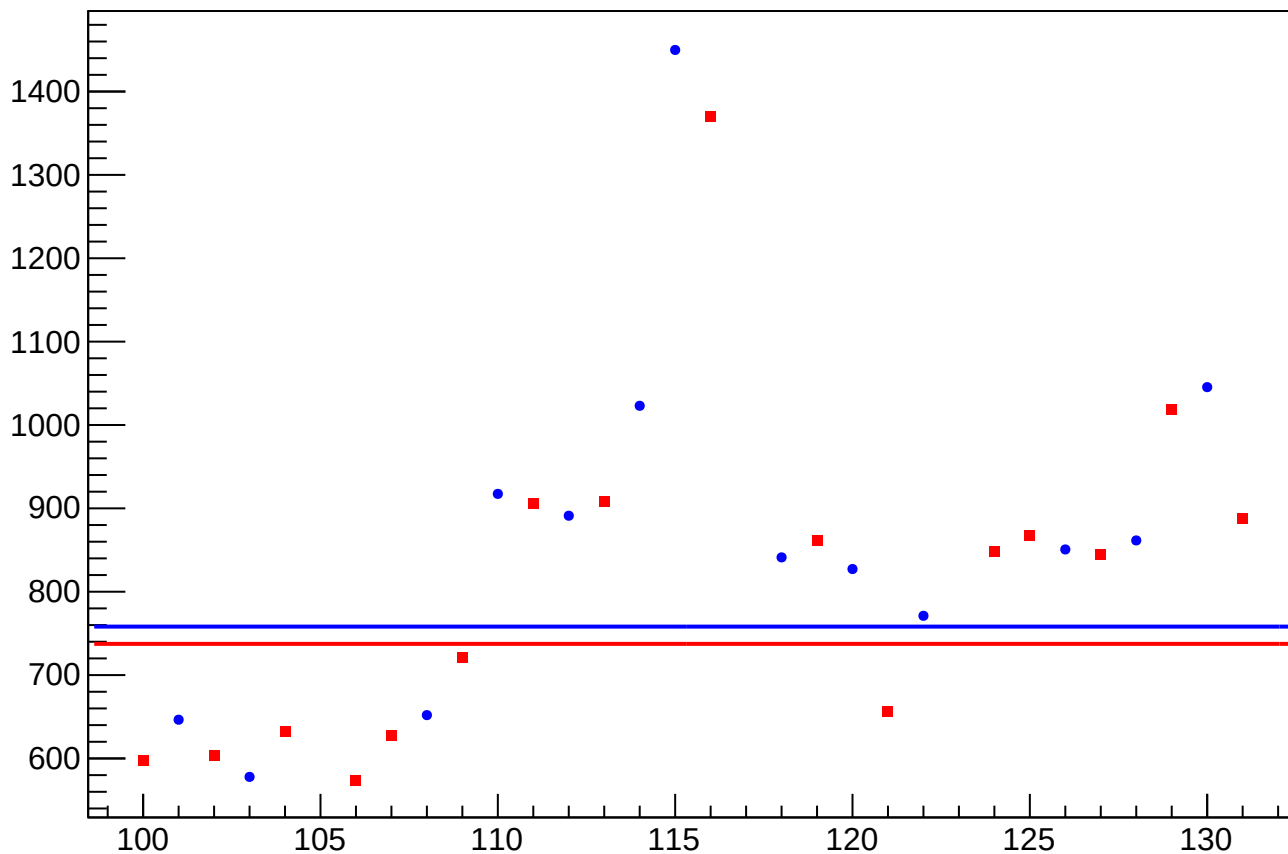
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -79.828+/-221.904 χ^2/NDF : 24.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_dit_correction_rms vs Slug



Right In: 758.160+/-0.233 χ^2/NDF : 422087.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 737.448+/-0.213 χ^2/NDF : 498773.4/15

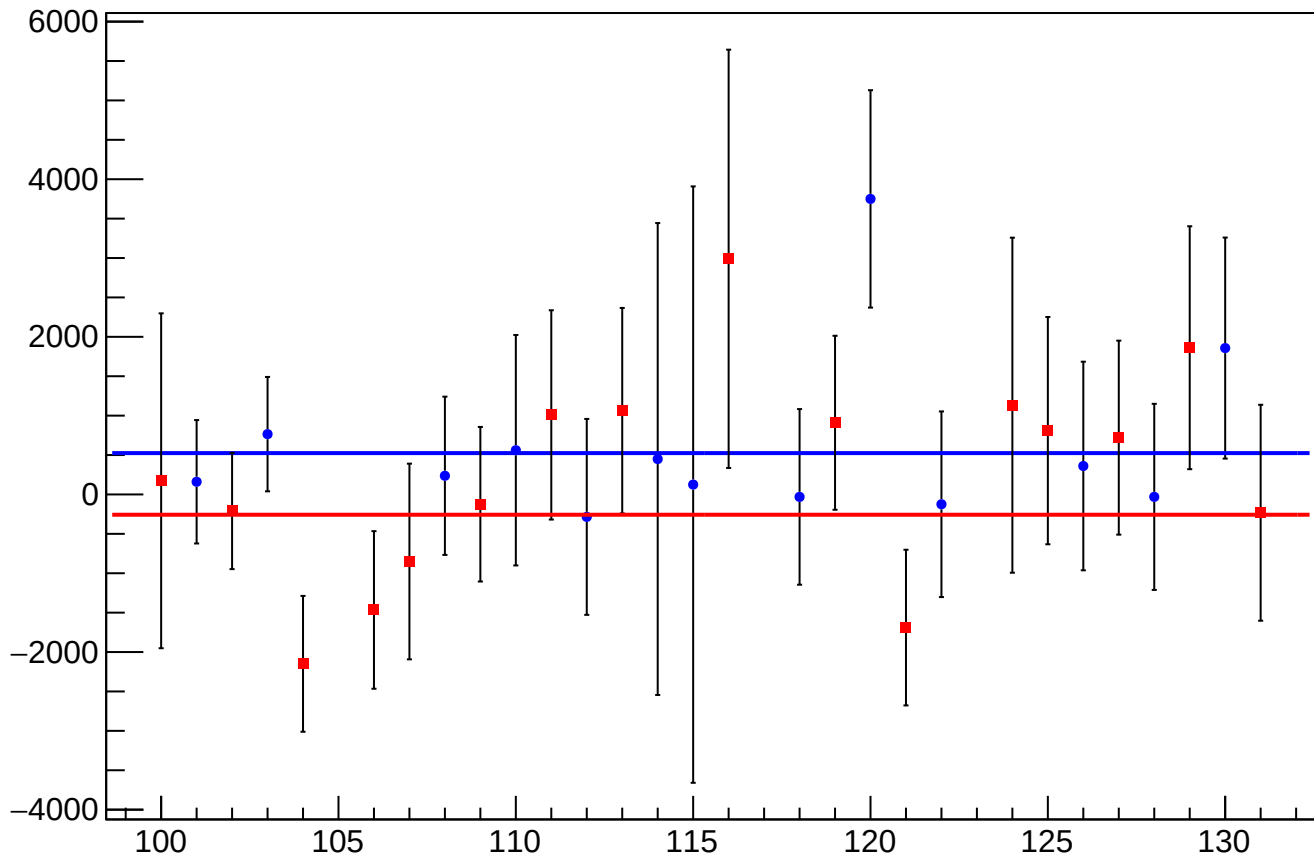
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 746.879+/-0.157 χ^2/NDF : 925182.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_mean vs Slug



Right In: 524.614+/-321.633 χ^2/NDF : 8.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -257.515+/-294.233 χ^2/NDF : 16.7/15

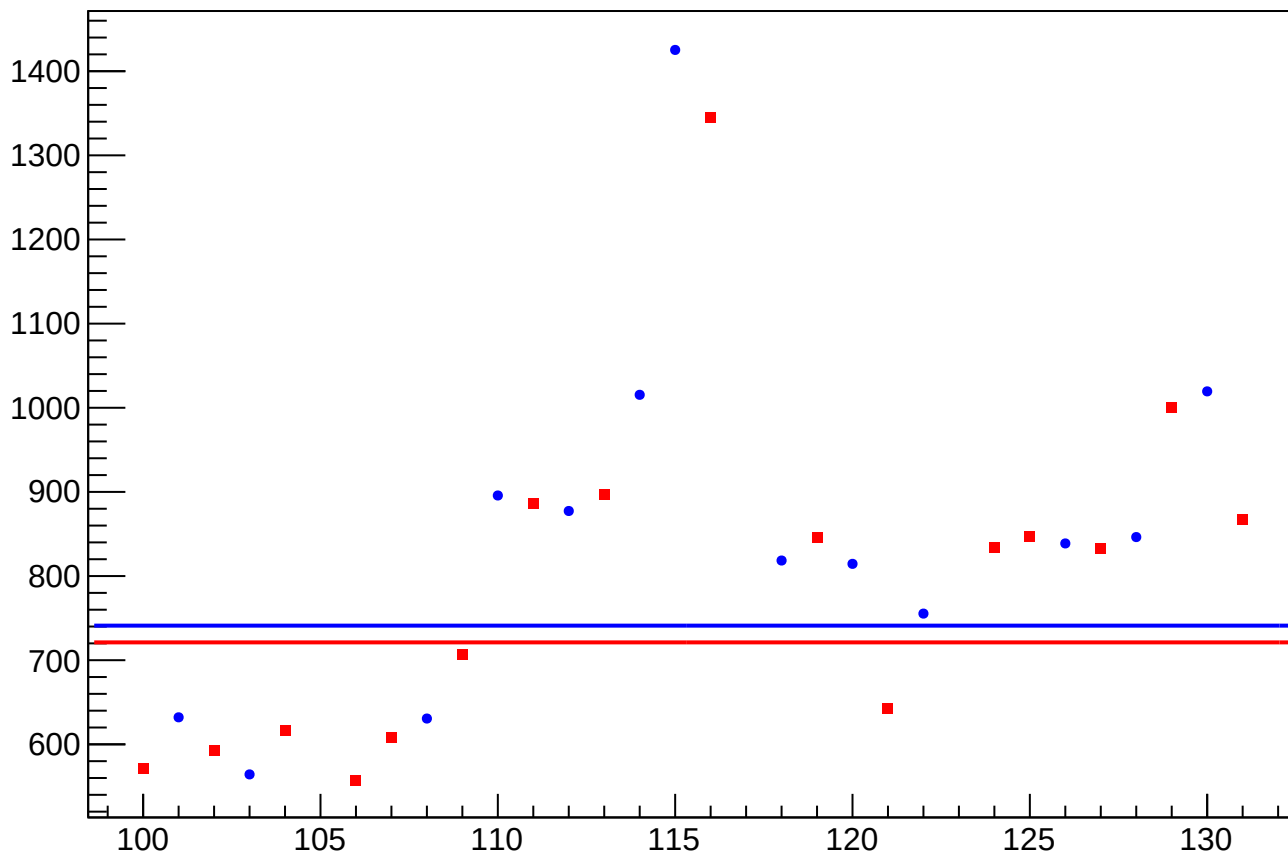
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.822+/-217.096 χ^2/NDF : 27.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_rms vs Slug



Right In: 741.075+/-0.227 χ^2/NDF : 431453.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 721.169+/-0.208 χ^2/NDF : 512105.1/15

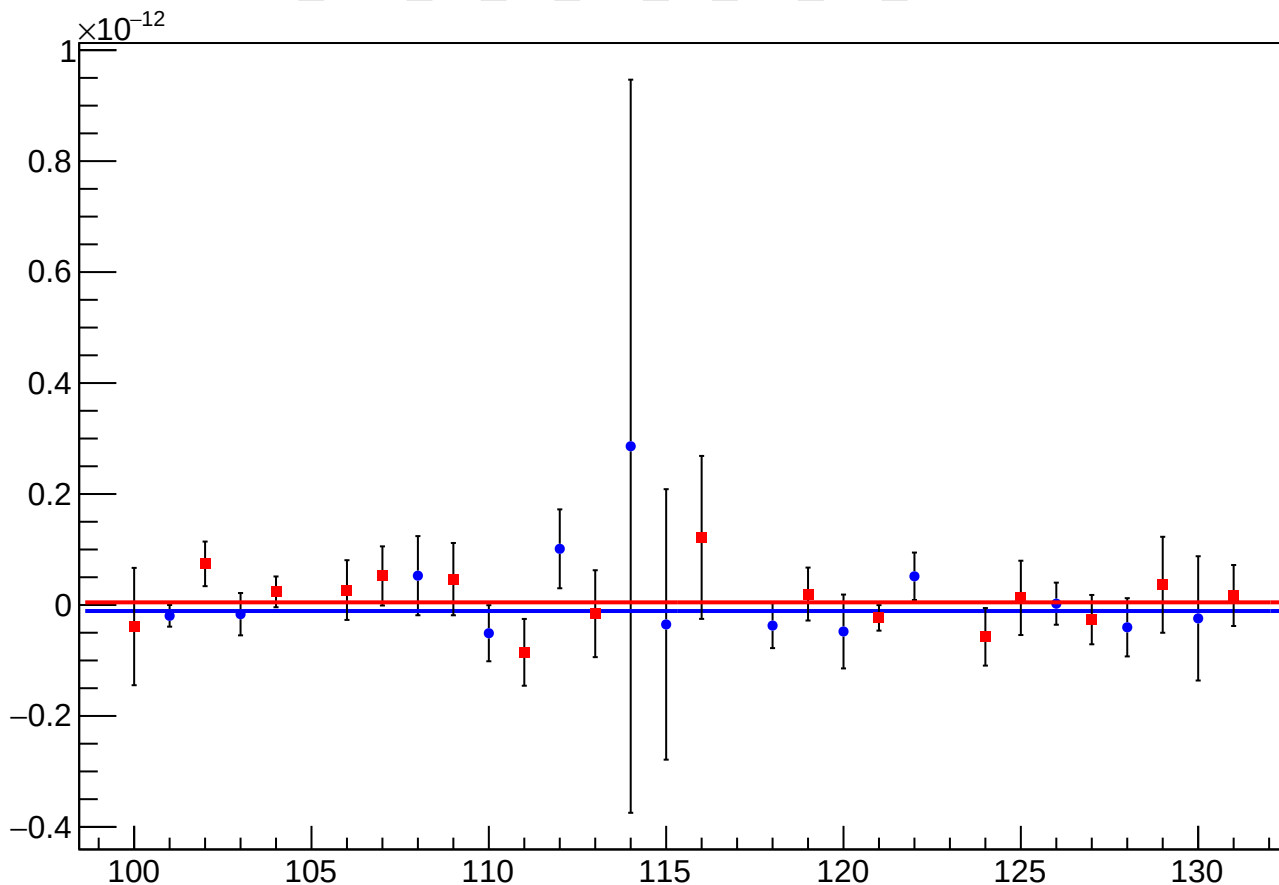
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 730.238+/-0.154 χ^2/NDF : 947729.5/28

- 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: 7.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 11.6/15

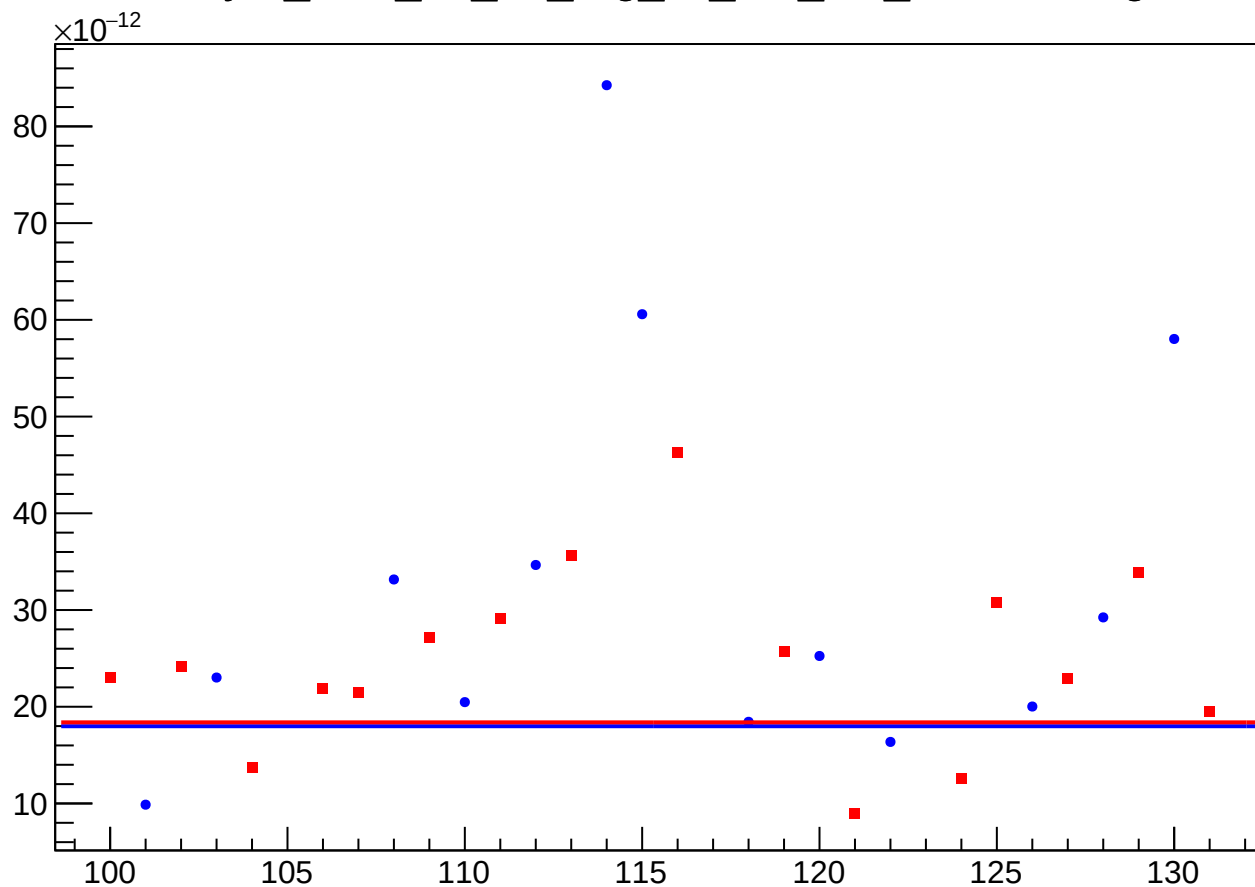
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 20.2/28

- 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 : 1047169.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 948940.5/15

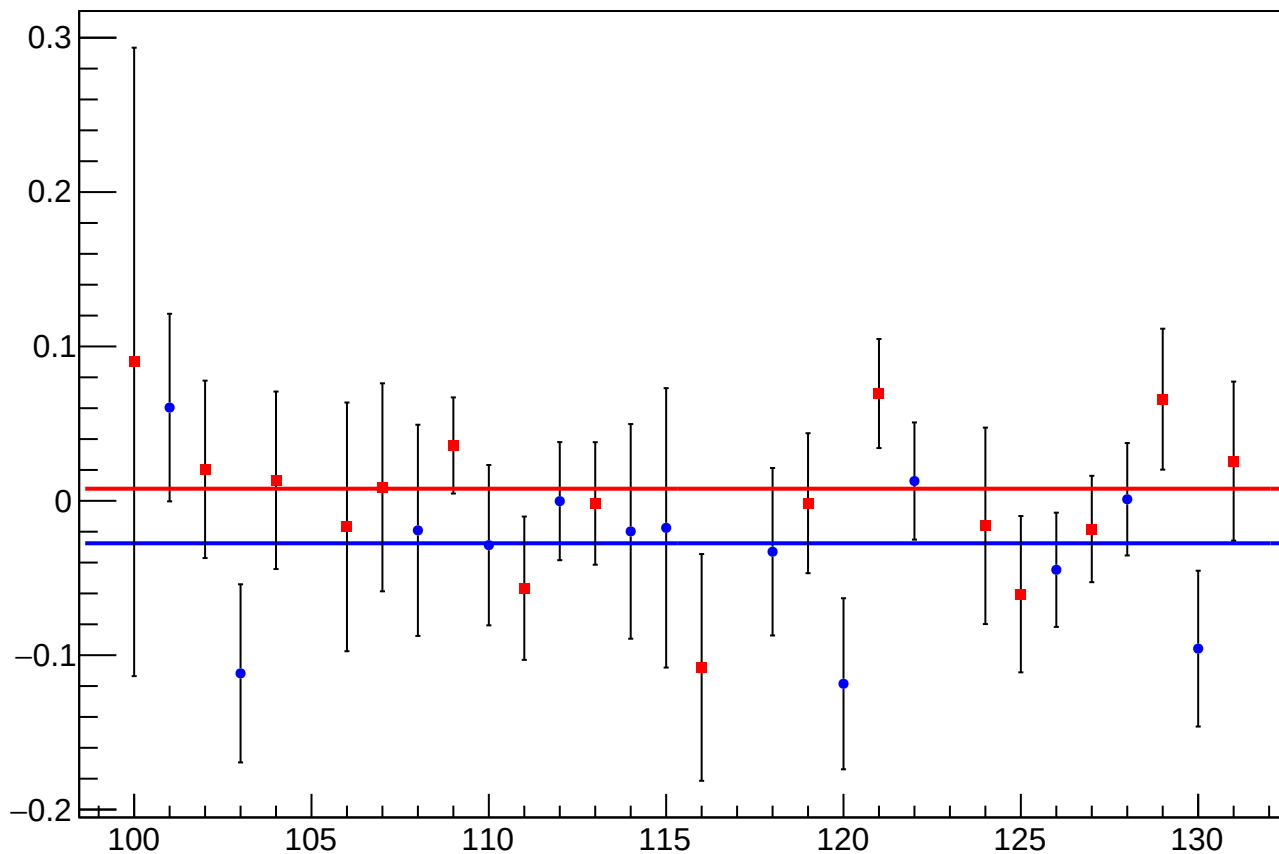
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1997220.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.028 ± 0.014 $\chi^2/\text{NDF}: 11.3/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.008 ± 0.012 $\chi^2/\text{NDF}: 13.0/15$

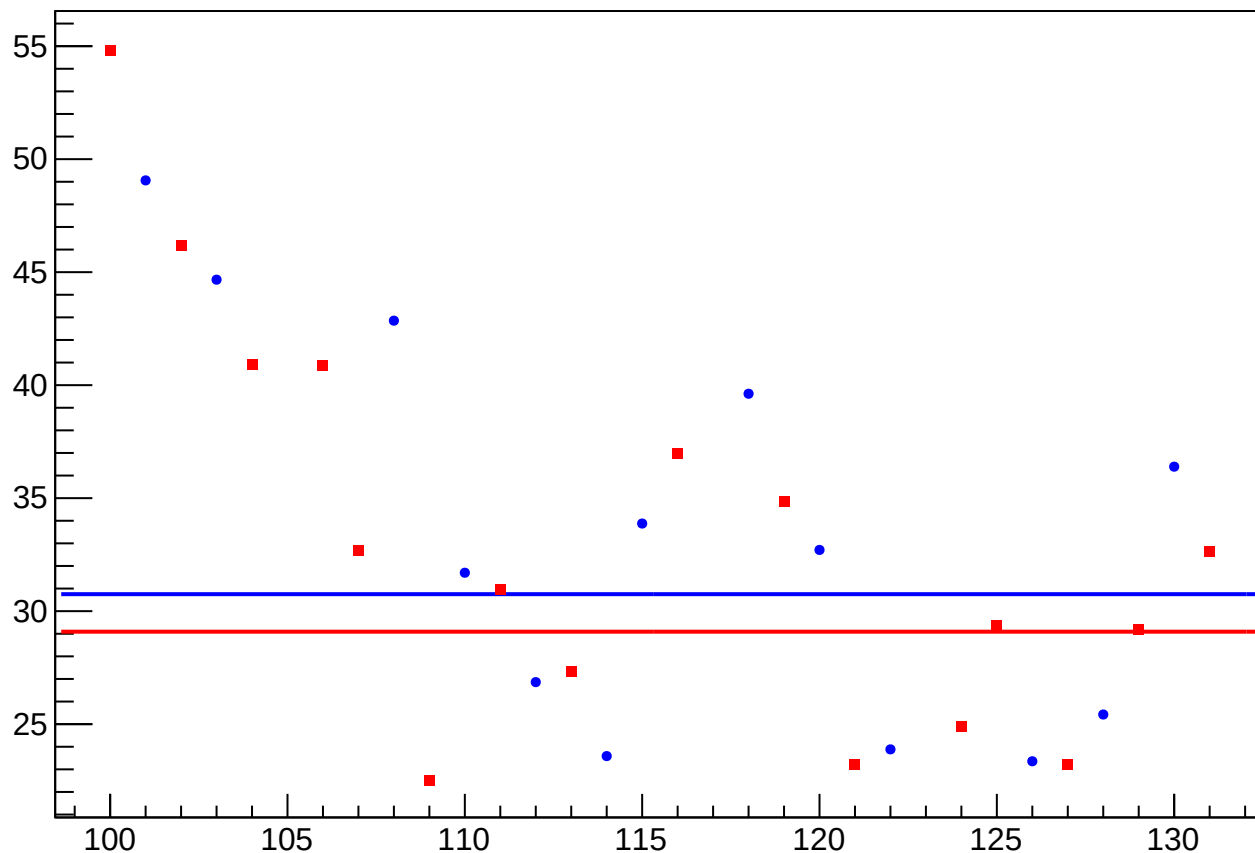
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.008 ± 0.009 $\chi^2/\text{NDF}: 28.0/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_15_dd_dit_vs_cor_diff_rms vs Slug



Right In: 30.752 $\pm$ 0.010 χ^2 /NDF: 674618.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 29.092 $\pm$ 0.008 χ^2 /NDF: 625677.8/15

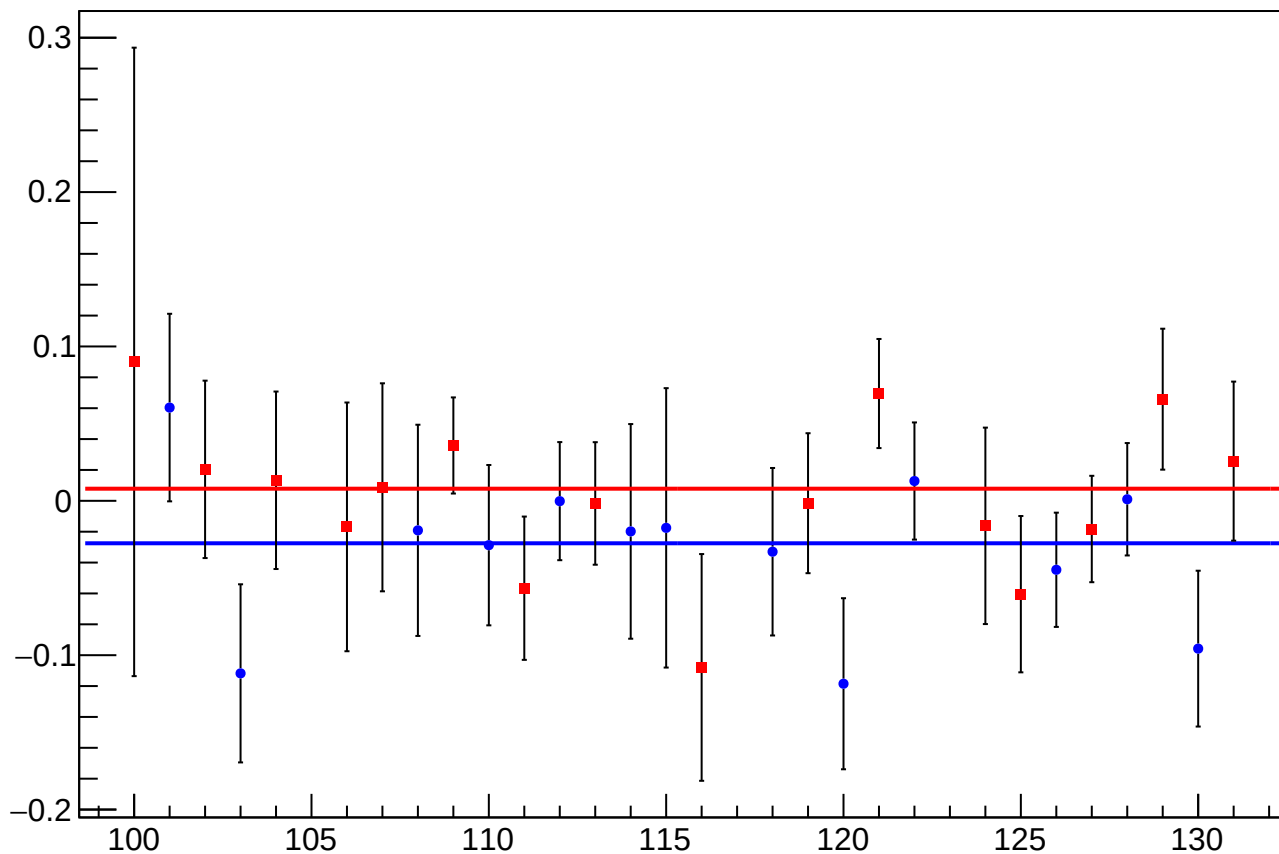
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 29.818 $\pm$ 0.006 χ^2 /NDF: 1317041.8/28

- 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: -0.028 ± 0.014 χ^2/NDF : 11.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.008 ± 0.012 χ^2/NDF : 13.0/15

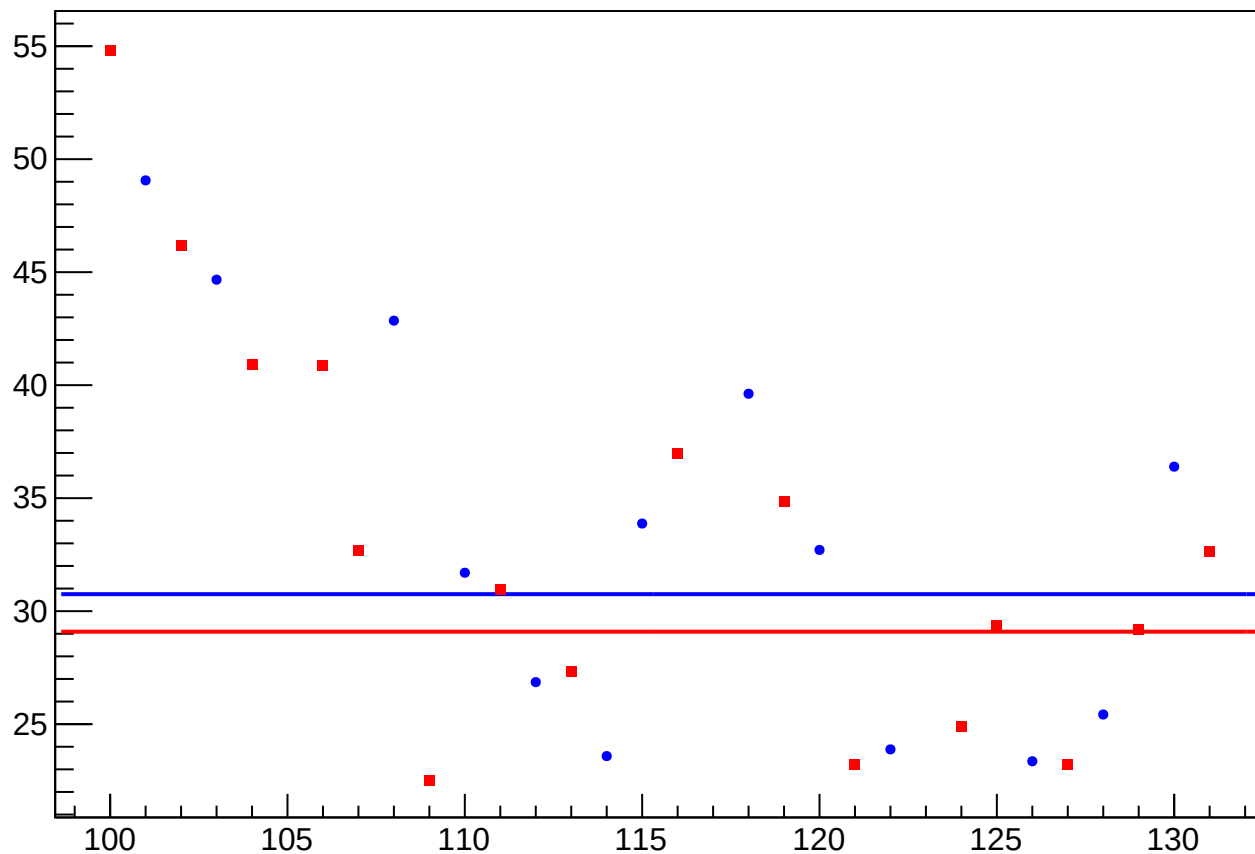
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 0.009 χ^2/NDF : 28.0/28

- 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: 30.752+/-0.010 χ^2/NDF : 674618.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.092+/-0.008 χ^2/NDF : 625677.8/15

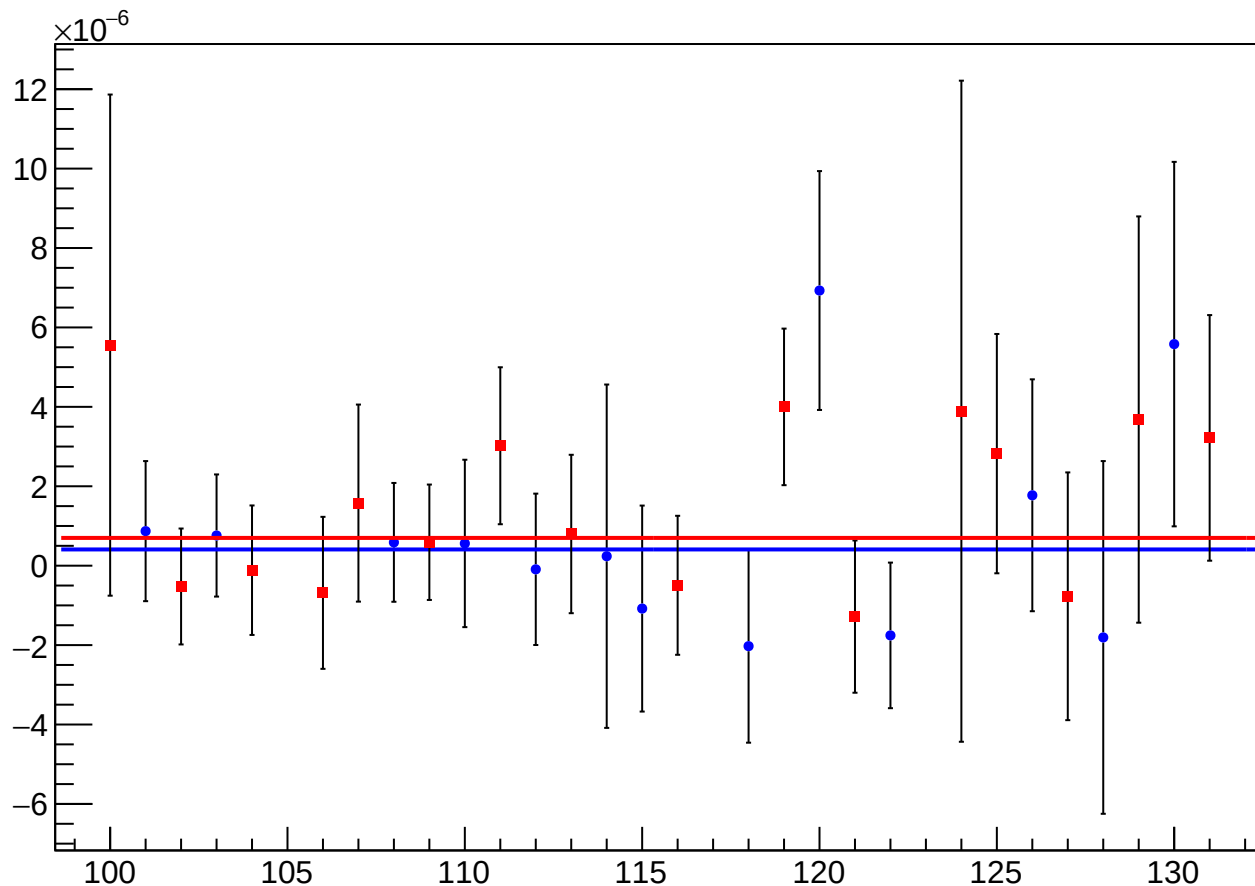
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.818+/-0.006 χ^2/NDF : 1317041.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.8/15

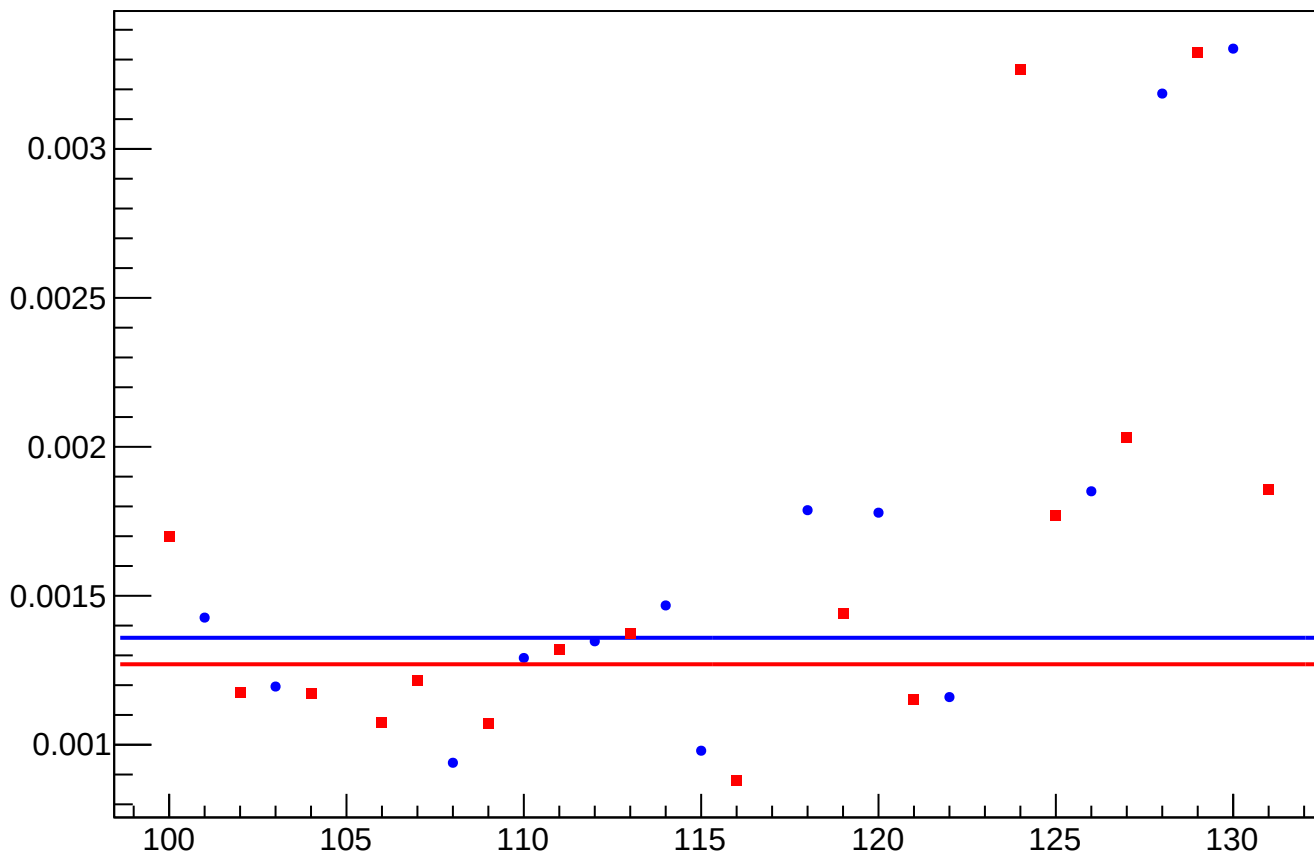
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 1120093.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 894706.4/15

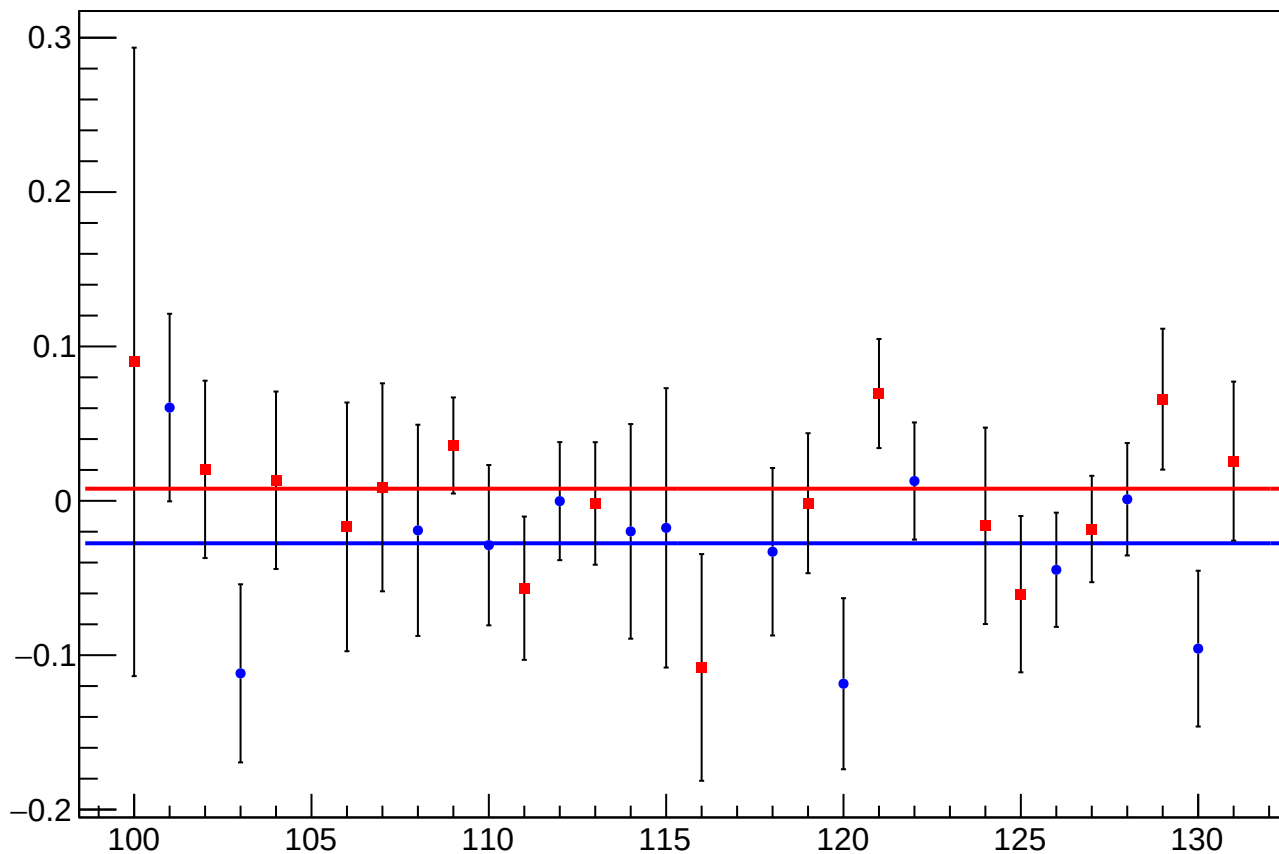
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2038848.2/28

- 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: -0.028 ± 0.014 χ^2/NDF : 11.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.008 ± 0.012 χ^2/NDF : 13.0/15

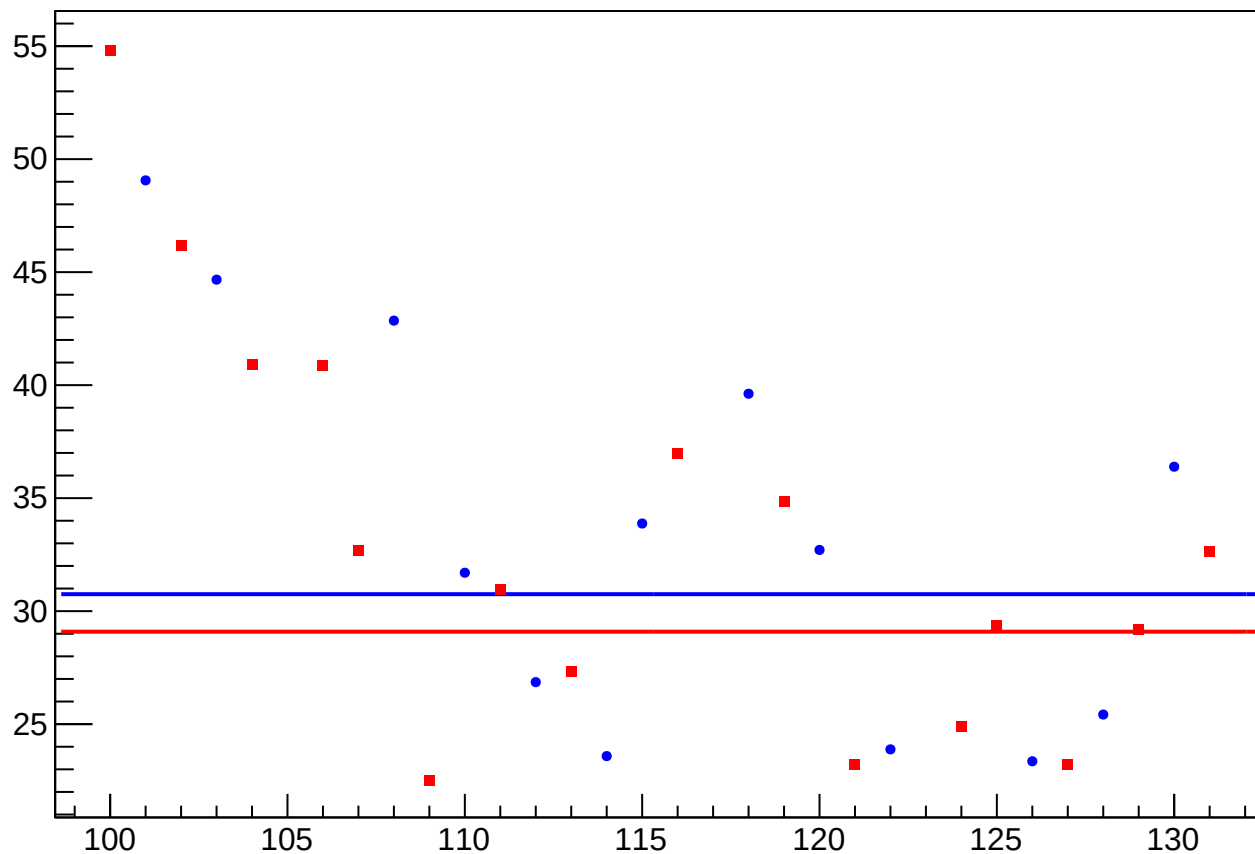
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 0.009 χ^2/NDF : 28.0/28

- 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: 30.750+/-0.010 χ^2/NDF : 674668.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.091+/-0.008 χ^2/NDF : 625752.9/15

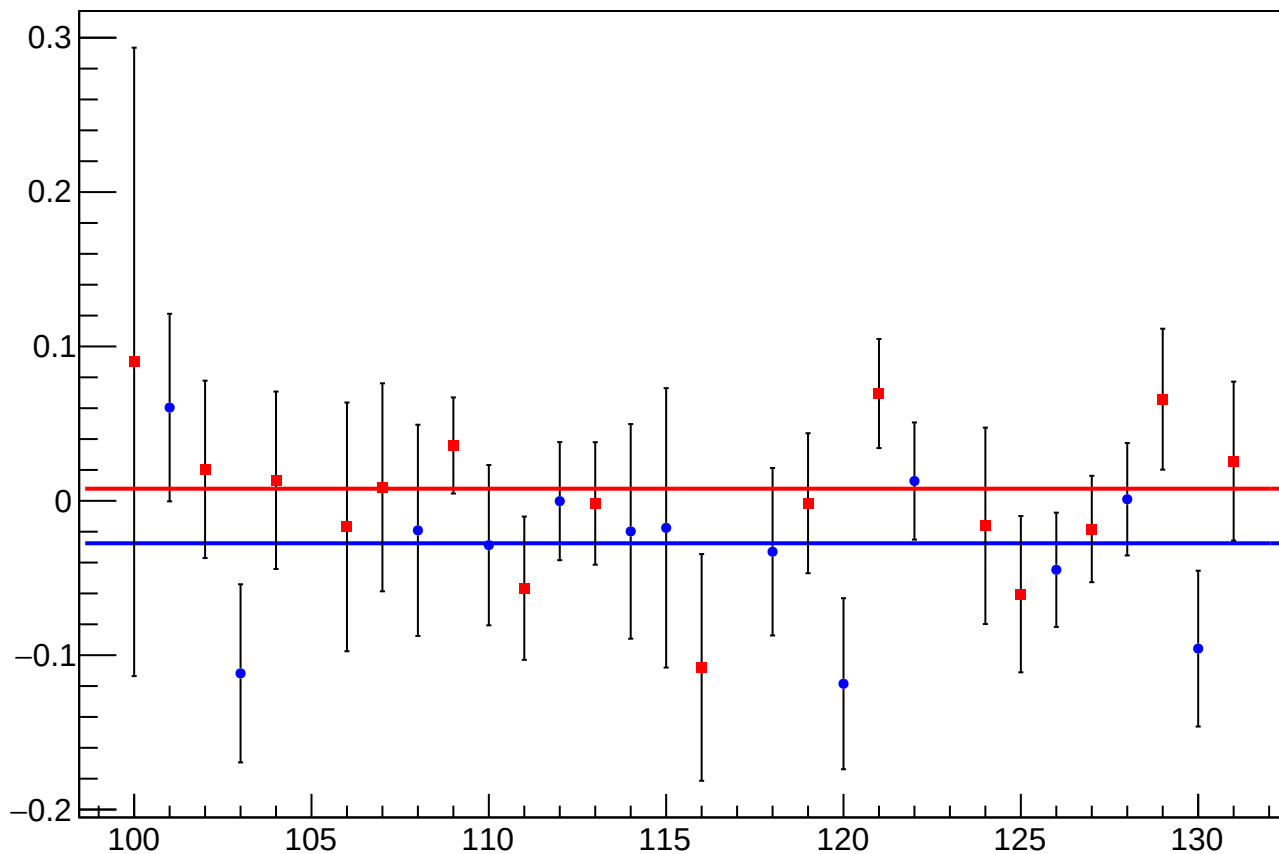
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.817+/-0.006 χ^2/NDF : 1317167.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.028 ± 0.014 χ^2/NDF : 11.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.008 ± 0.012 χ^2/NDF : 13.0/15

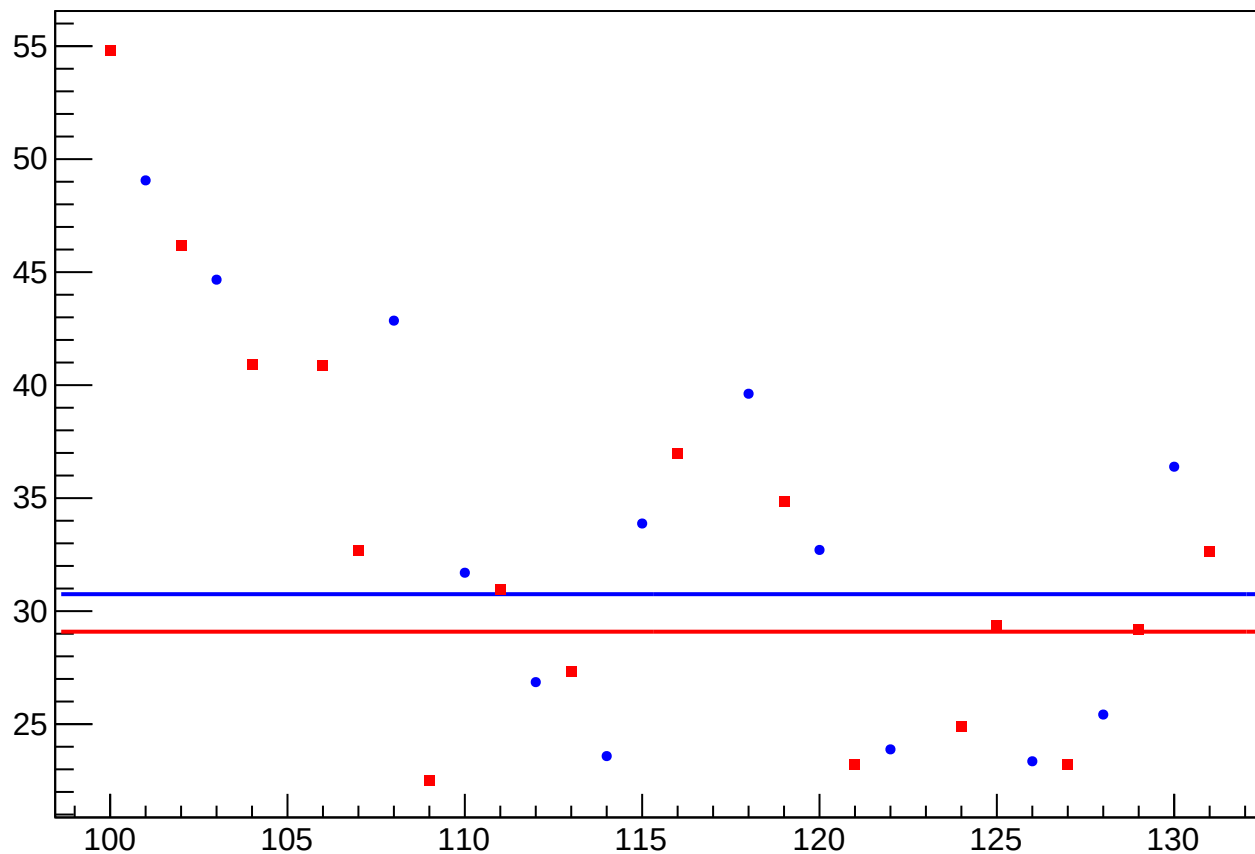
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 0.009 χ^2/NDF : 28.0/28

- 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: 30.750+/-0.010 χ^2/NDF : 674668.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.091+/-0.008 χ^2/NDF : 625752.9/15

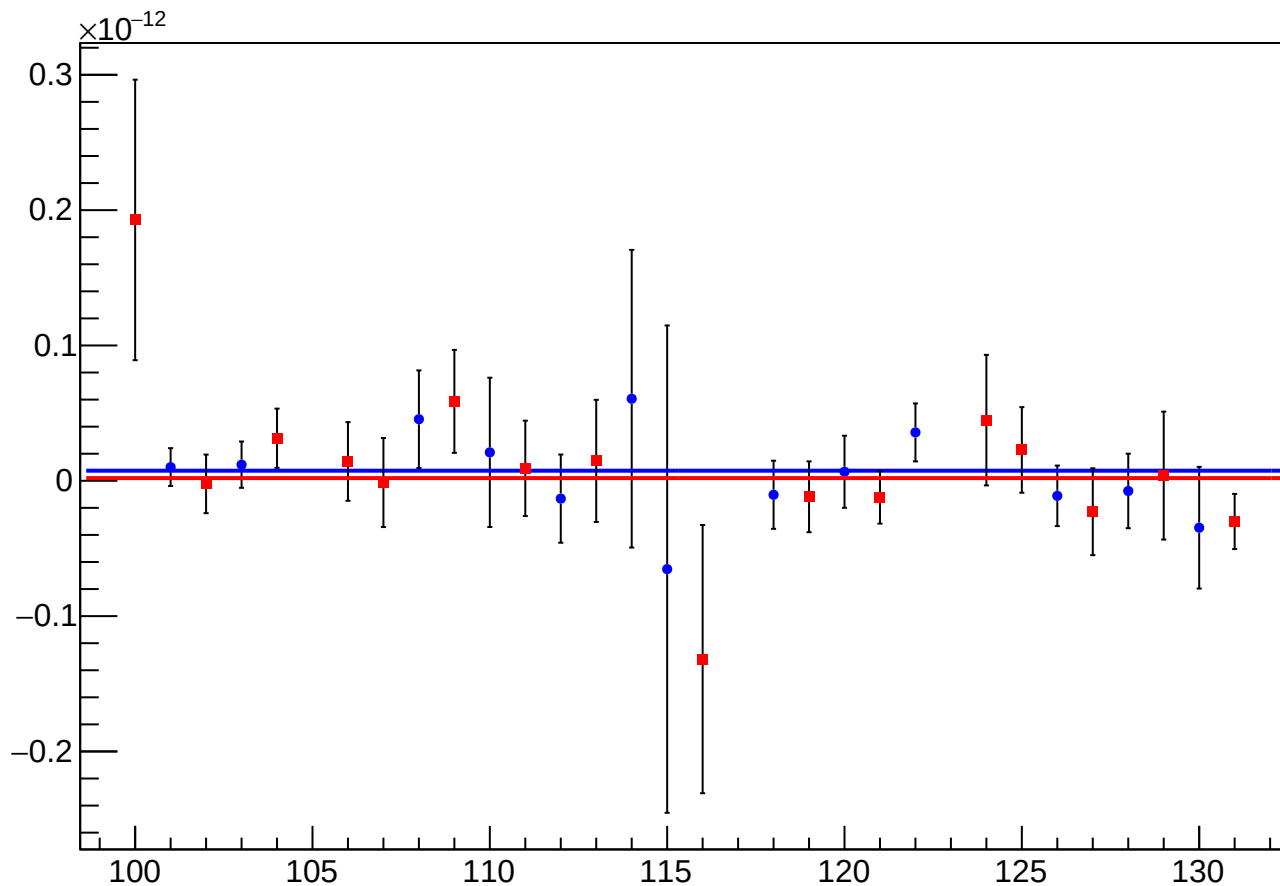
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.817+/-0.006 χ^2/NDF : 1317167.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.7/15

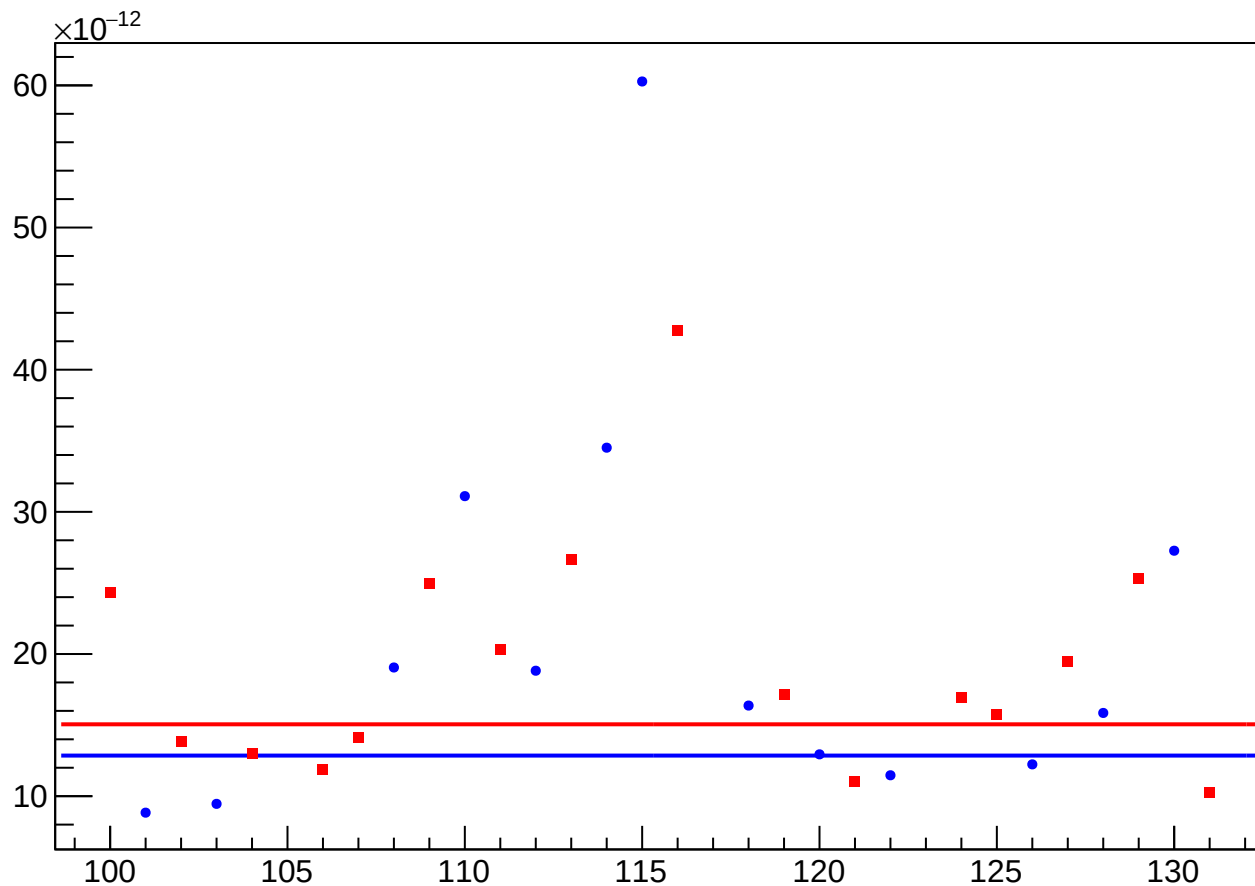
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 21.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1083207.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 880987.5/15

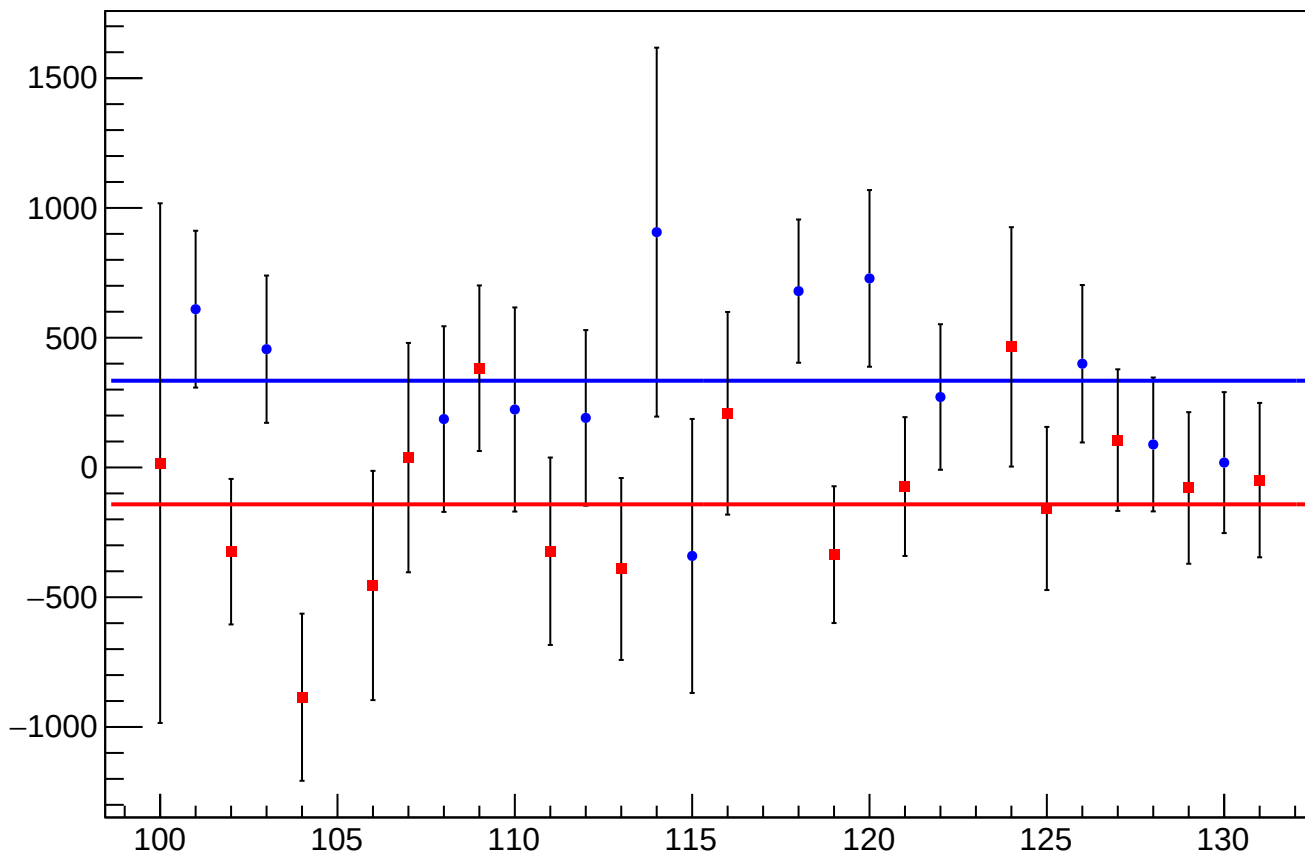
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2054840.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_mean vs Slug



Right In: 334.199+/-89.120 χ^2/NDF : 9.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -142.063+/-82.910 χ^2/NDF : 14.0/15

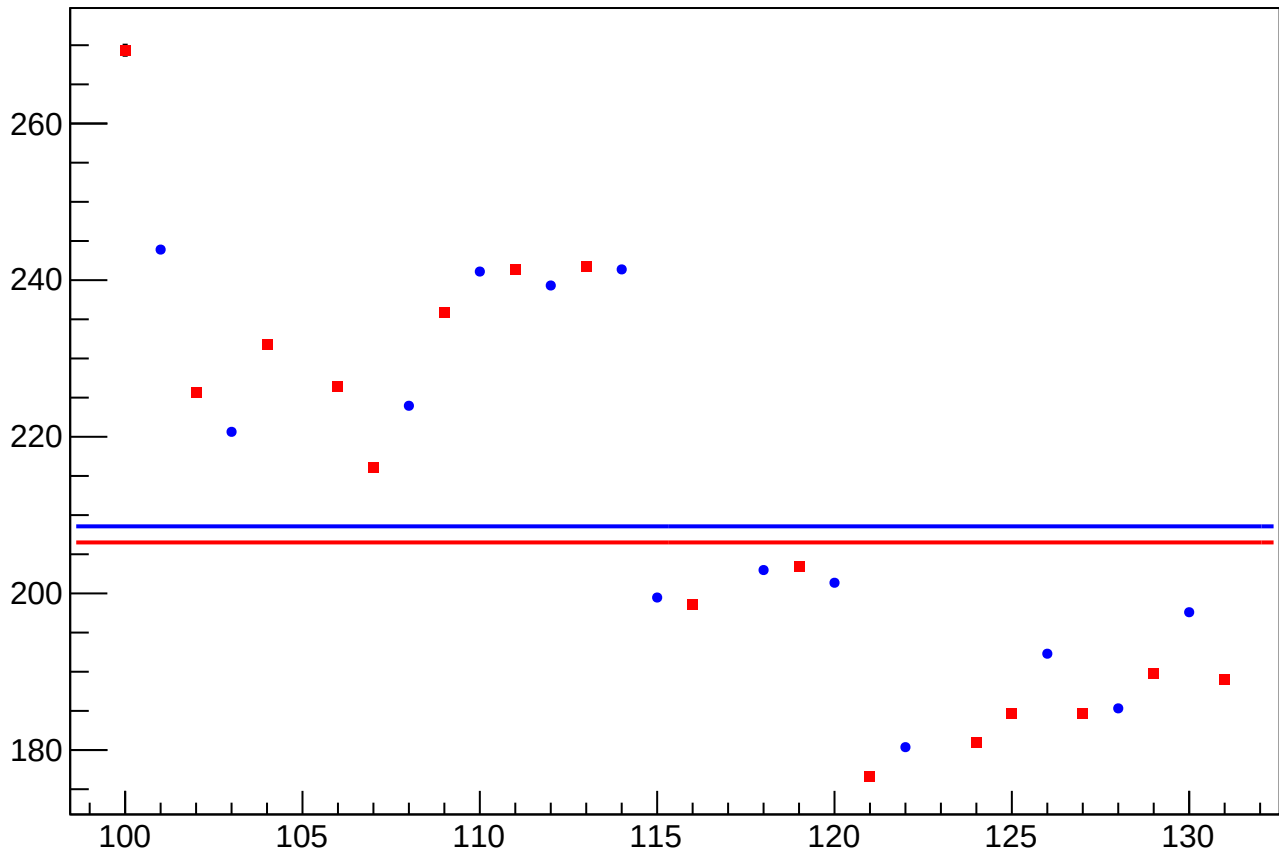
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.897+/-60.703 χ^2/NDF : 38.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_rms vs Slug



Right In: 208.564 $\pm$ 0.063 χ^2 /NDF: 116932.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 206.510 $\pm$ 0.059 χ^2 /NDF: 158475.4/15

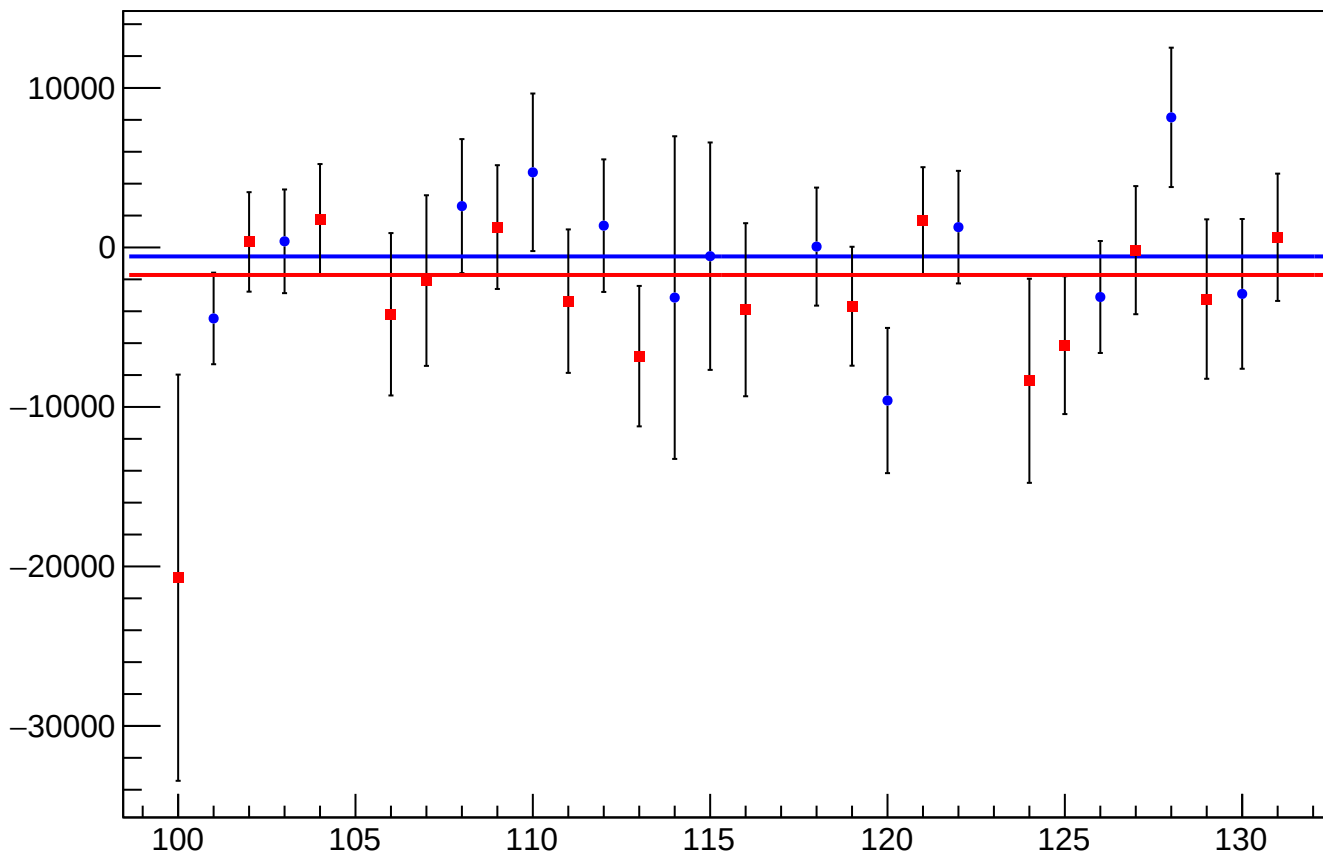
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 207.463 $\pm$ 0.043 χ^2 /NDF: 275978.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_reg_correction_mean vs Slug



Right In: -562.465+/-1131.256 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1725.254+/-1072.746 χ^2/NDF : 10.1/15

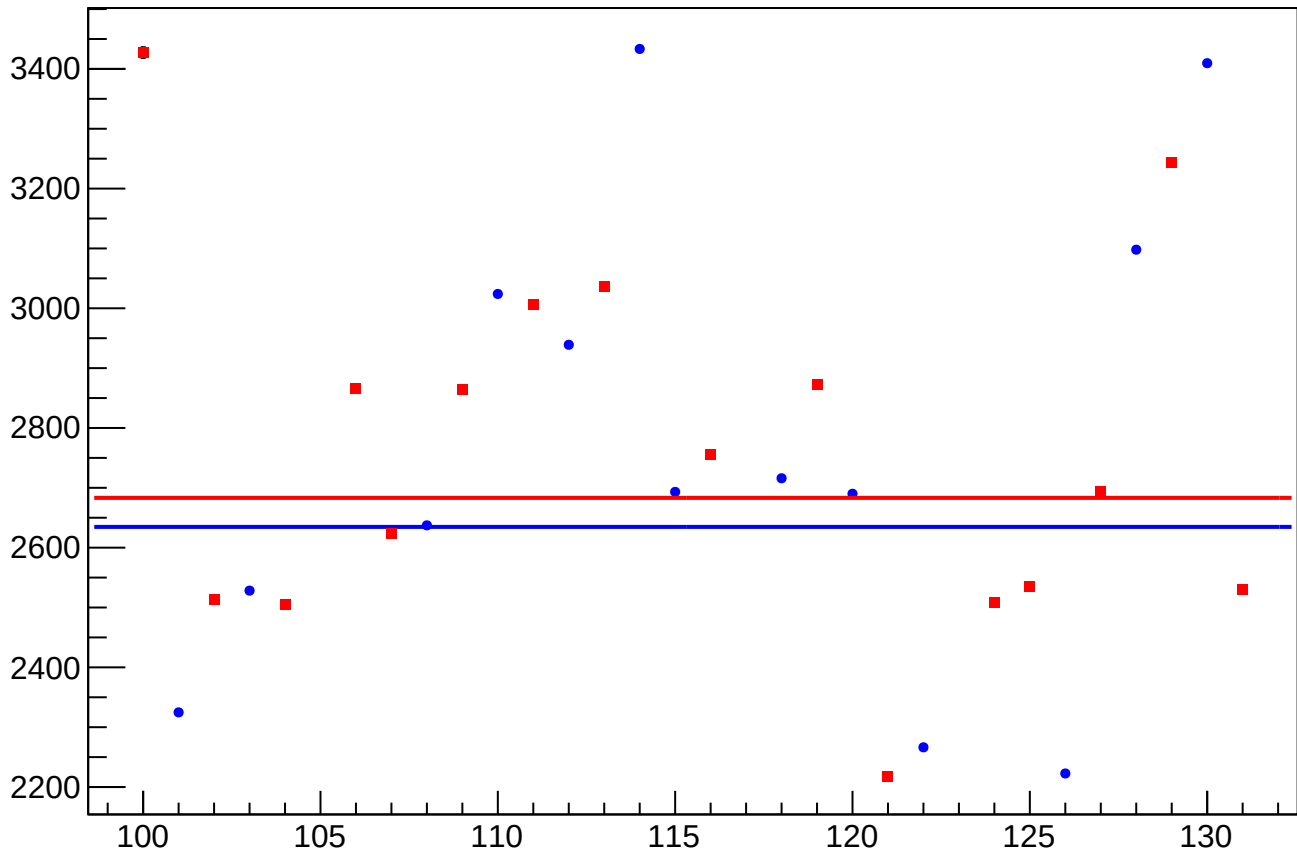
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1174.706+/-778.409 χ^2/NDF : 23.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_reg_correction_rms vs Slug



Right In: 2634.690+/-0.800 χ^2/NDF : 188758.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2683.212+/-0.759 χ^2/NDF : 123935.4/15

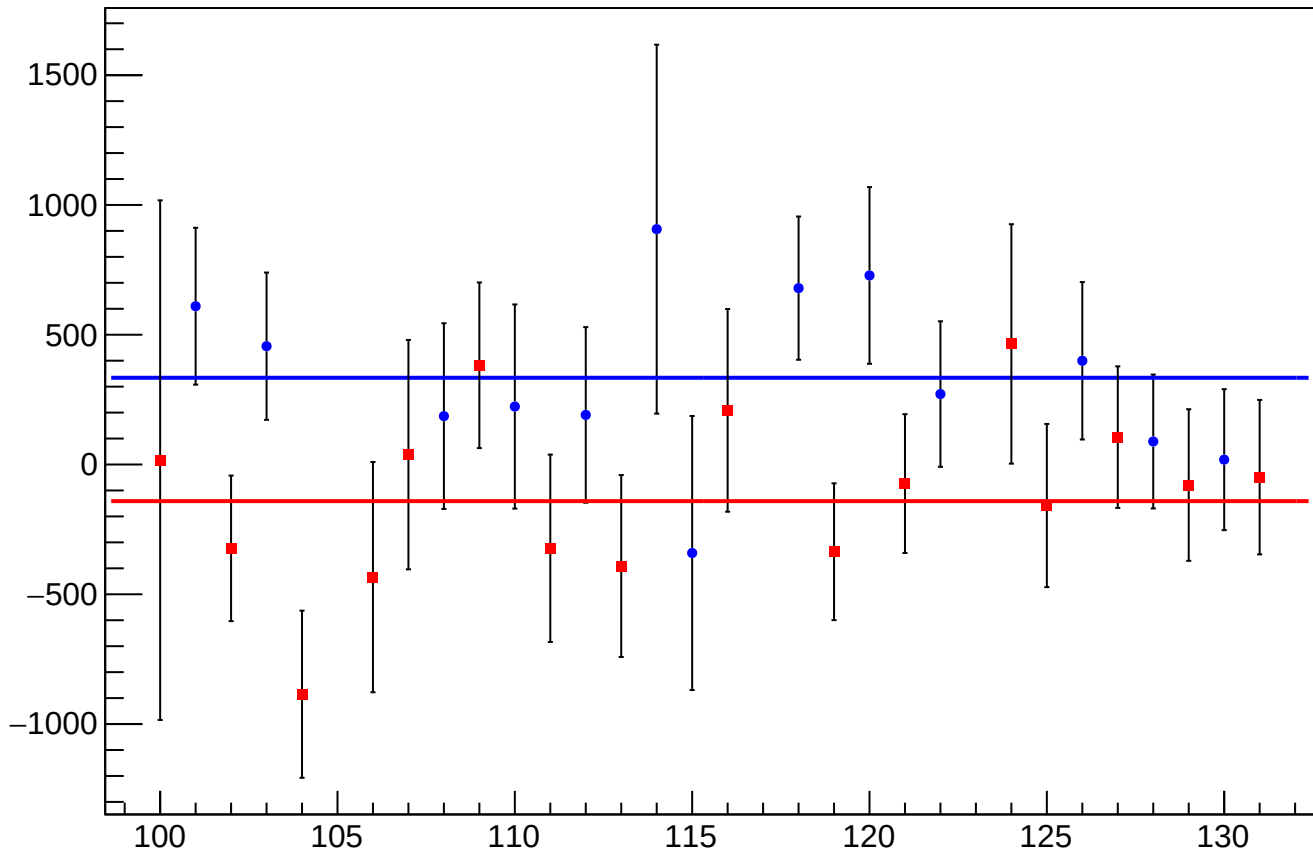
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2660.238+/-0.550 χ^2/NDF : 314630.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_26_dd_mean vs Slug



Right In: 334.215 $\pm$ 89.121 χ^2 /NDF: 9.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -141.094 $\pm$ 82.924 χ^2 /NDF: 13.9/15

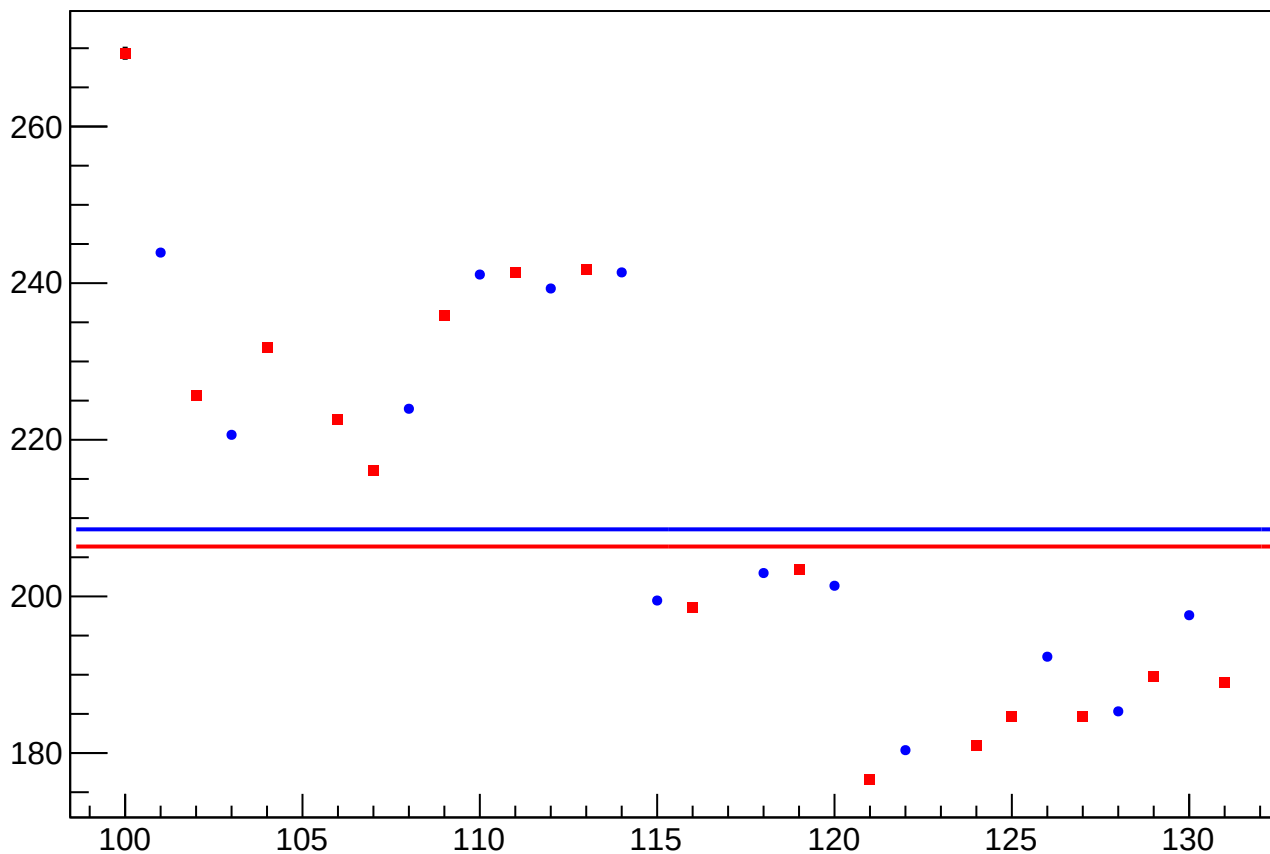
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 79.464 $\pm$ 60.709 χ^2 /NDF: 38.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_26_dd_rms vs Slug



Right In: 208.564 $\pm$ 0.063 χ^2 /NDF: 116933.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 206.371 $\pm$ 0.059 χ^2 /NDF: 157055.7/15

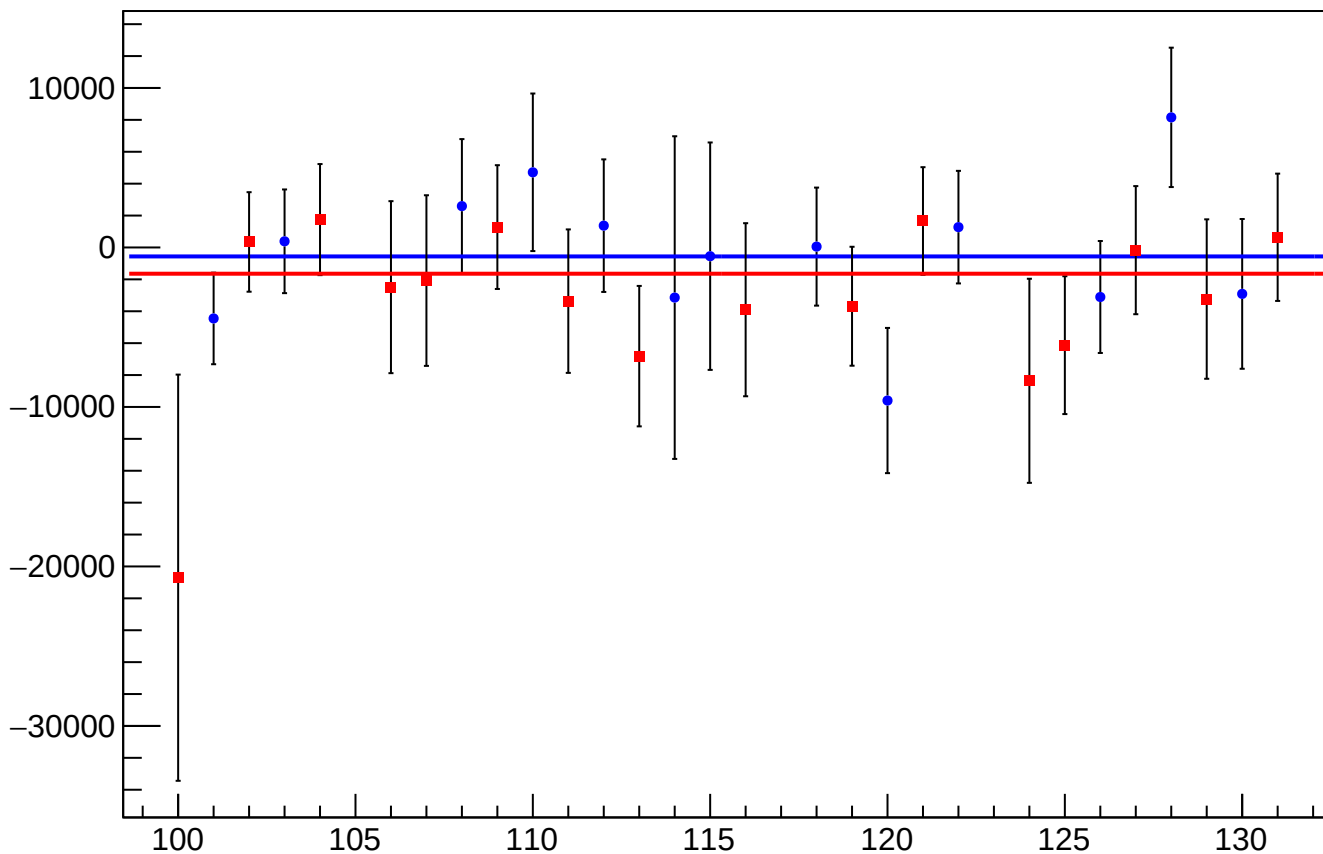
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 207.389 $\pm$ 0.043 χ^2 /NDF: 274638.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_cor_correction_mean vs Slug



Right In: -562.375+/-1131.259 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1646.147+/-1075.391 χ^2/NDF : 9.9/15

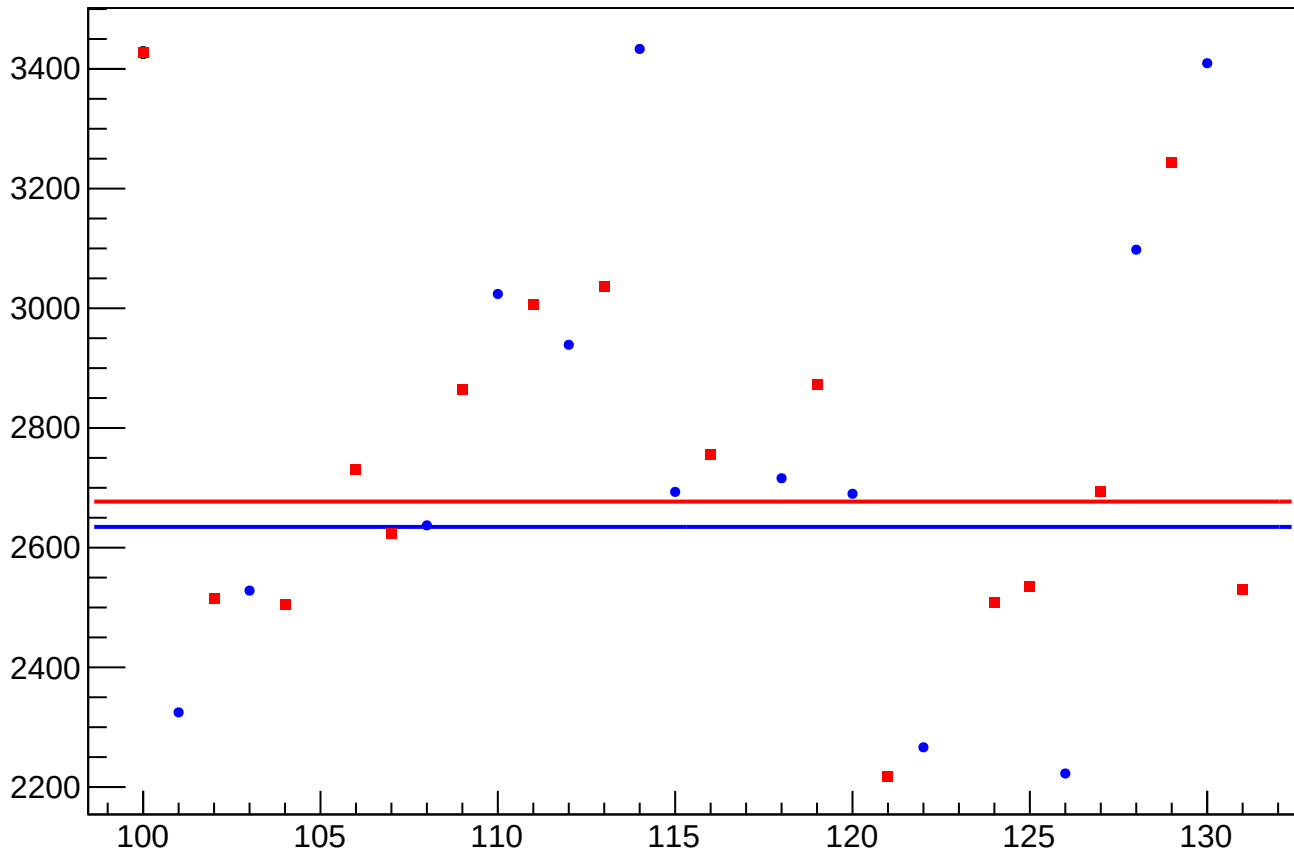
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1131.682+/-779.419 χ^2/NDF : 23.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_cor_correction_rms vs Slug



Right In: 2634.698+/-0.800 χ^2/NDF : 188755.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2677.025+/-0.760 χ^2/NDF : 121353.2/15

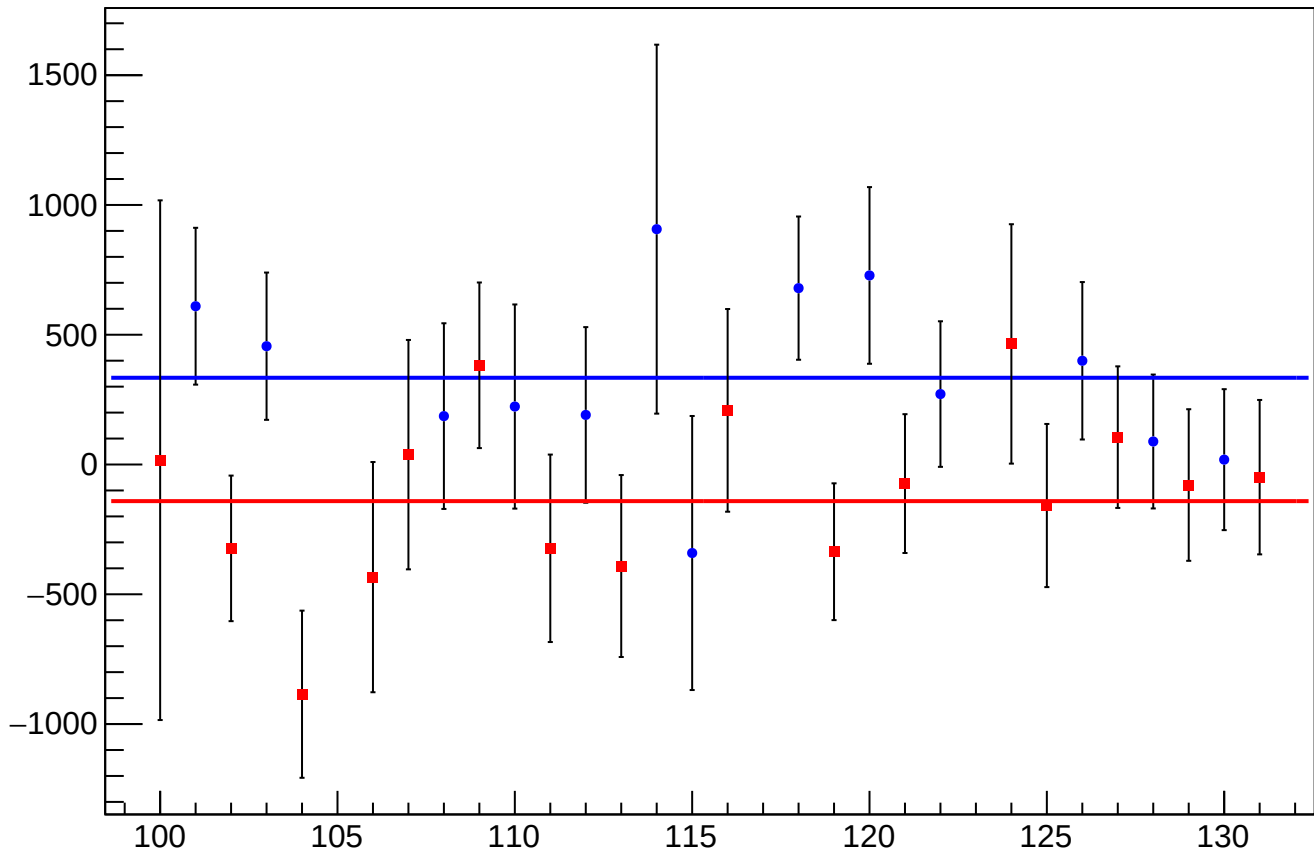
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2656.932+/-0.551 χ^2/NDF : 311579.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_26_dd_mean vs Slug



Right In: 334.215 $\pm$ 89.121 χ^2 /NDF: 9.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -141.094 $\pm$ 82.924 χ^2 /NDF: 13.9/15

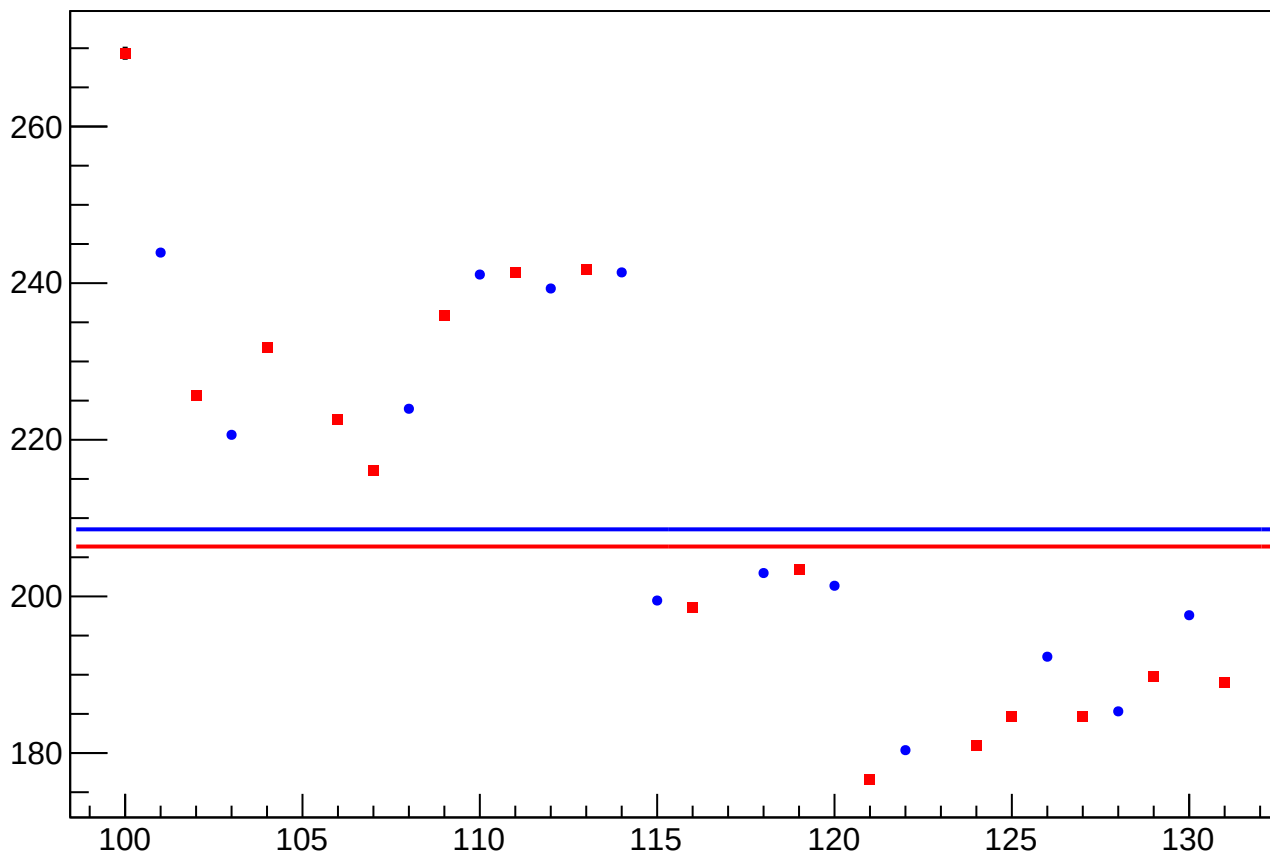
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 79.464 $\pm$ 60.709 χ^2 /NDF: 38.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_26_dd_rms vs Slug



Right In: 208.564 $\pm$ 0.063 χ^2 /NDF: 116933.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 206.371 $\pm$ 0.059 χ^2 /NDF: 157055.7/15

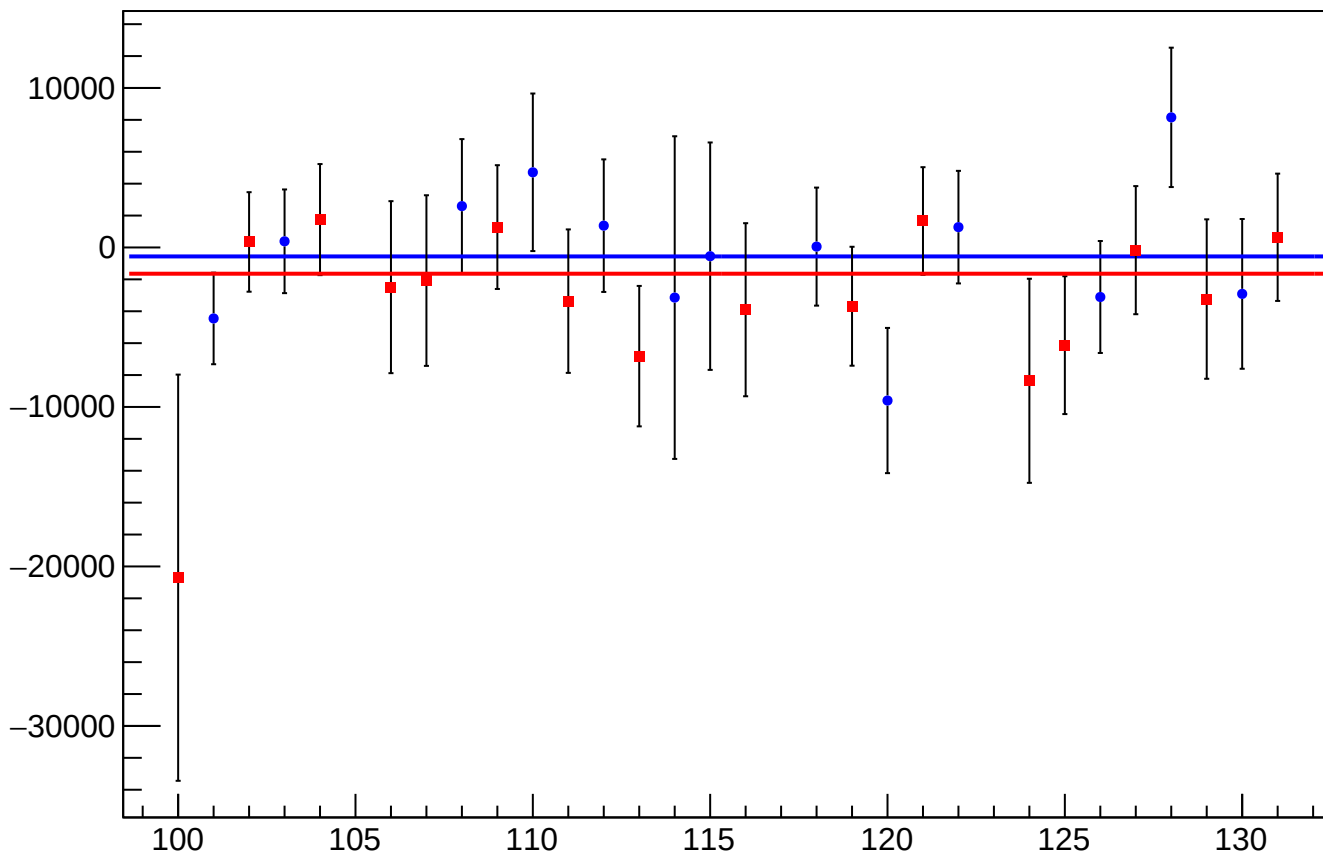
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 207.389 $\pm$ 0.043 χ^2 /NDF: 274638.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_cor_correction_mean vs Slug



Right In: -562.375+/-1131.259 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1646.147+/-1075.391 χ^2/NDF : 9.9/15

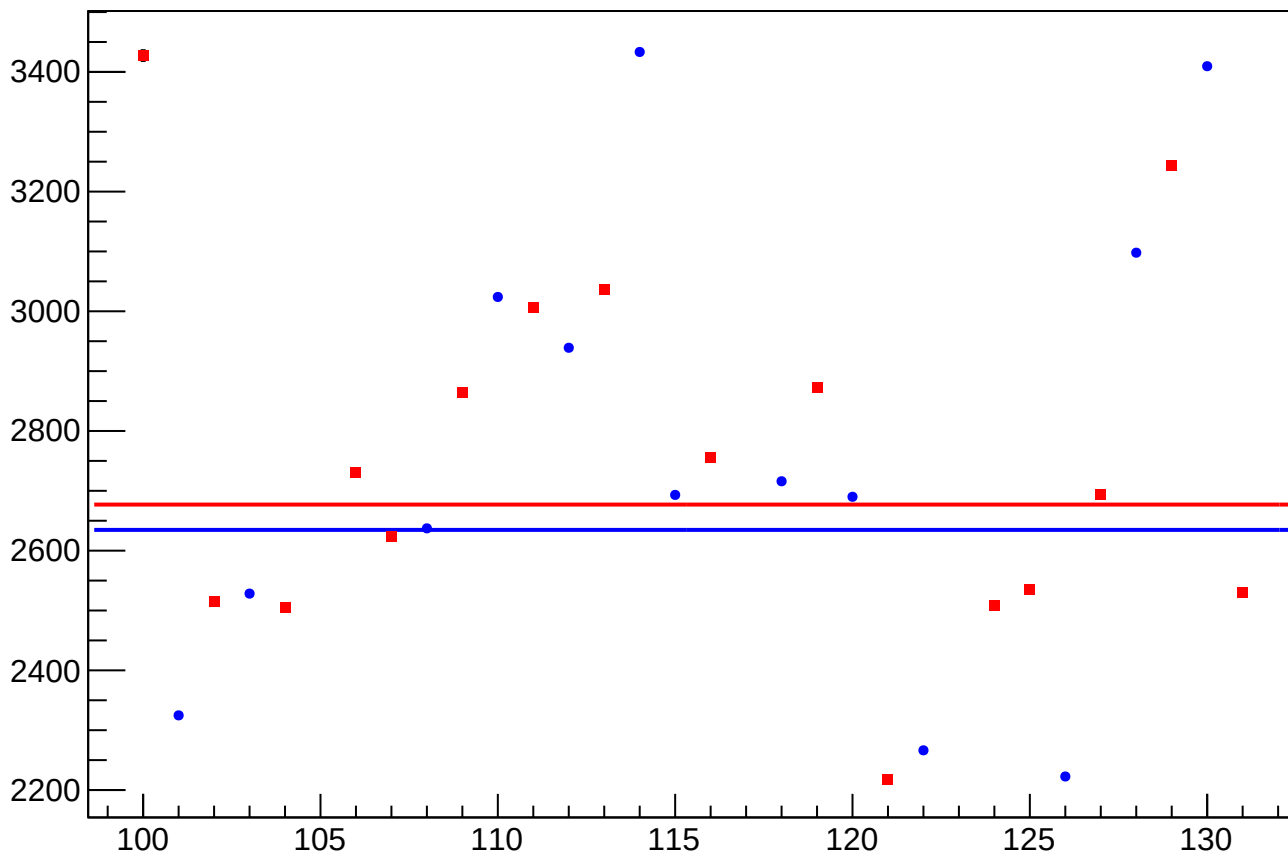
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1131.682+/-779.419 χ^2/NDF : 23.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_eigen_cor_correction_rms vs Slug



Right In: 2634.698+/-0.800 χ^2/NDF : 188755.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

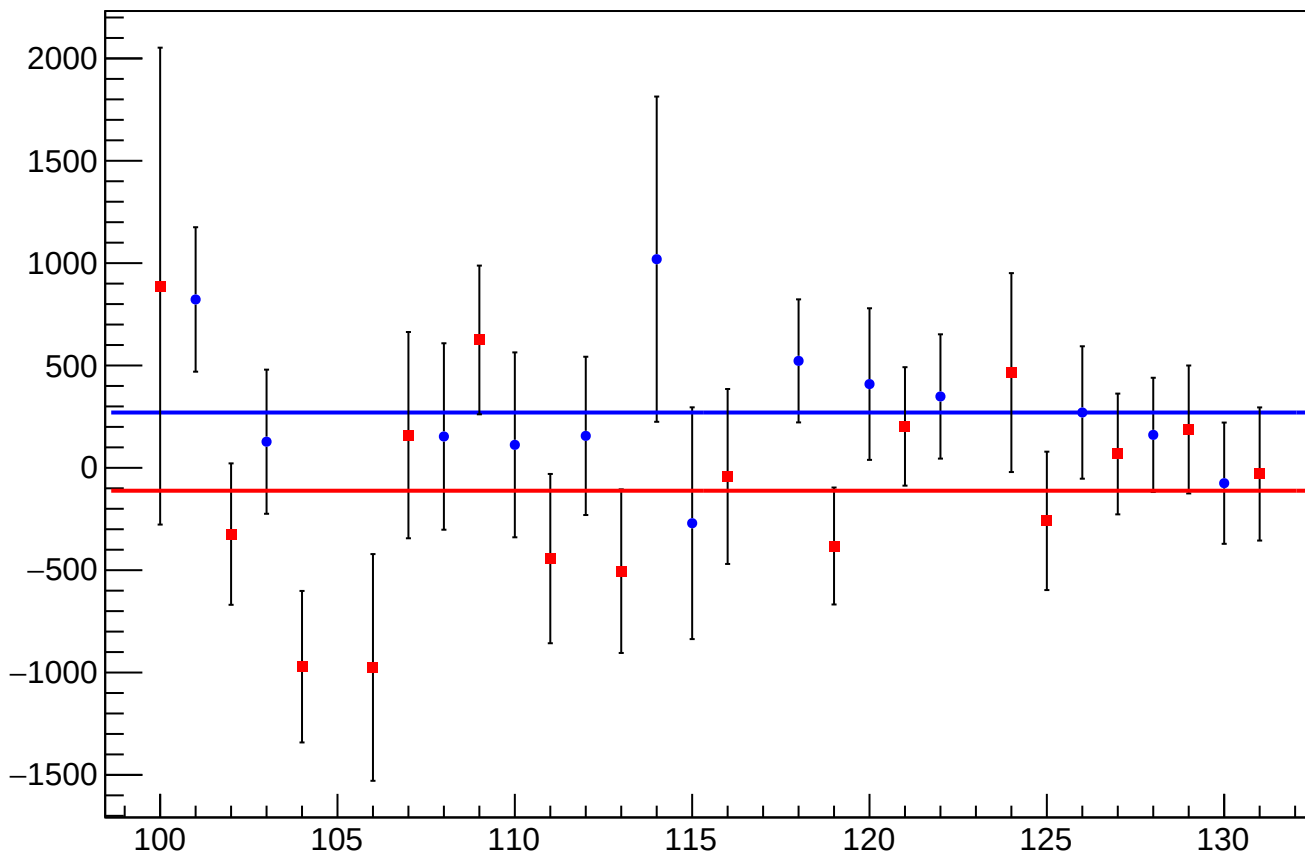
Right Out: 2677.025+/-0.760 χ^2/NDF : 121353.2/15

All: 2656.932+/-0.551 χ^2/NDF : 311579.7/28

- 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: 270.241 $\pm$ 99.888 χ^2 /NDF: 7.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -111.805 $\pm$ 92.388 χ^2 /NDF: 20.0/15

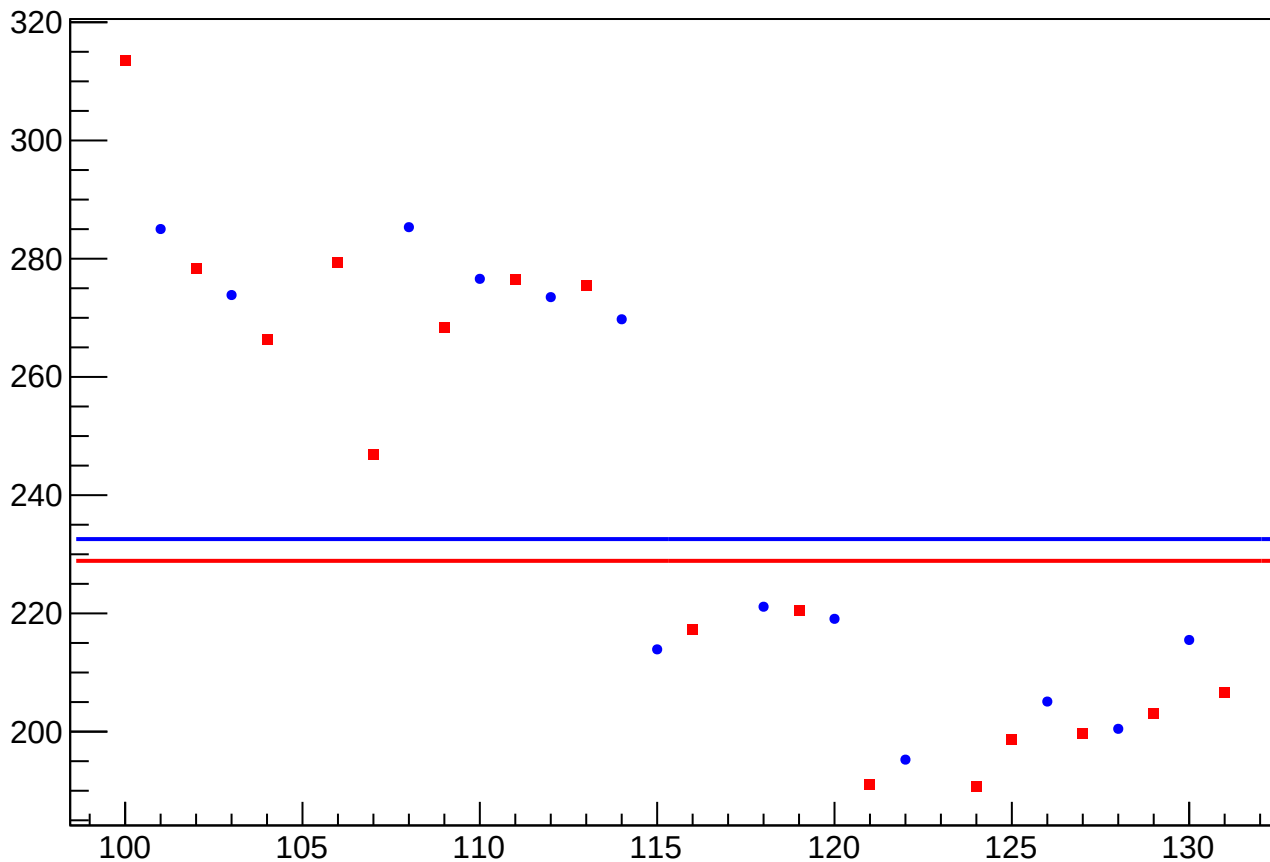
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 64.339 $\pm$ 67.825 χ^2 /NDF: 35.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_26_dd_rms vs Slug



Right In: 232.570 $\pm$ 0.071 χ^2 /NDF: 229781.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 228.890 $\pm$ 0.065 χ^2 /NDF: 276795.2/15

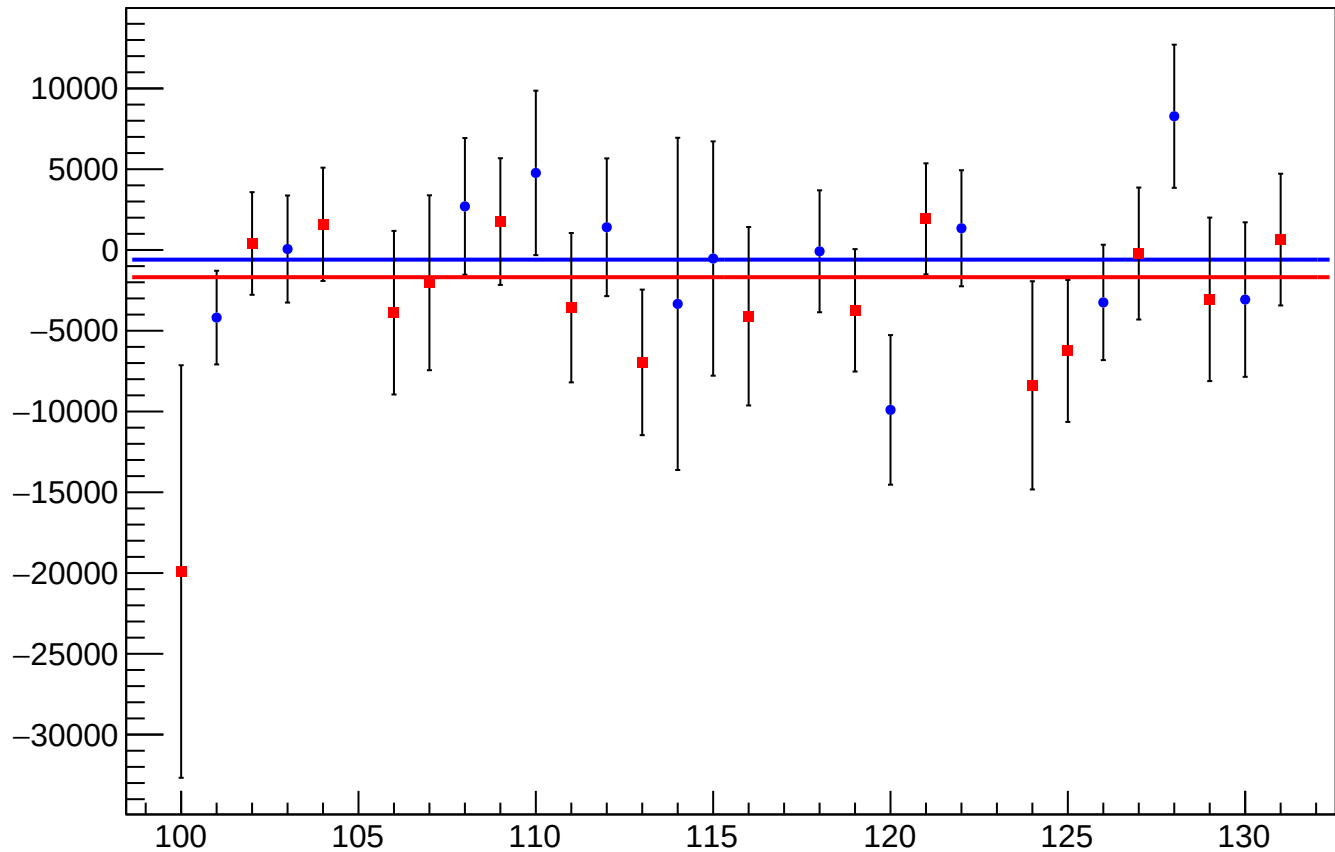
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 230.587 $\pm$ 0.048 χ^2 /NDF: 508040.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_dit_correction_mean vs Slug



Right In: -598.398 ± 1150.611 χ^2/NDF : 12.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1684.202 ± 1089.260 χ^2/NDF : 10.1/15

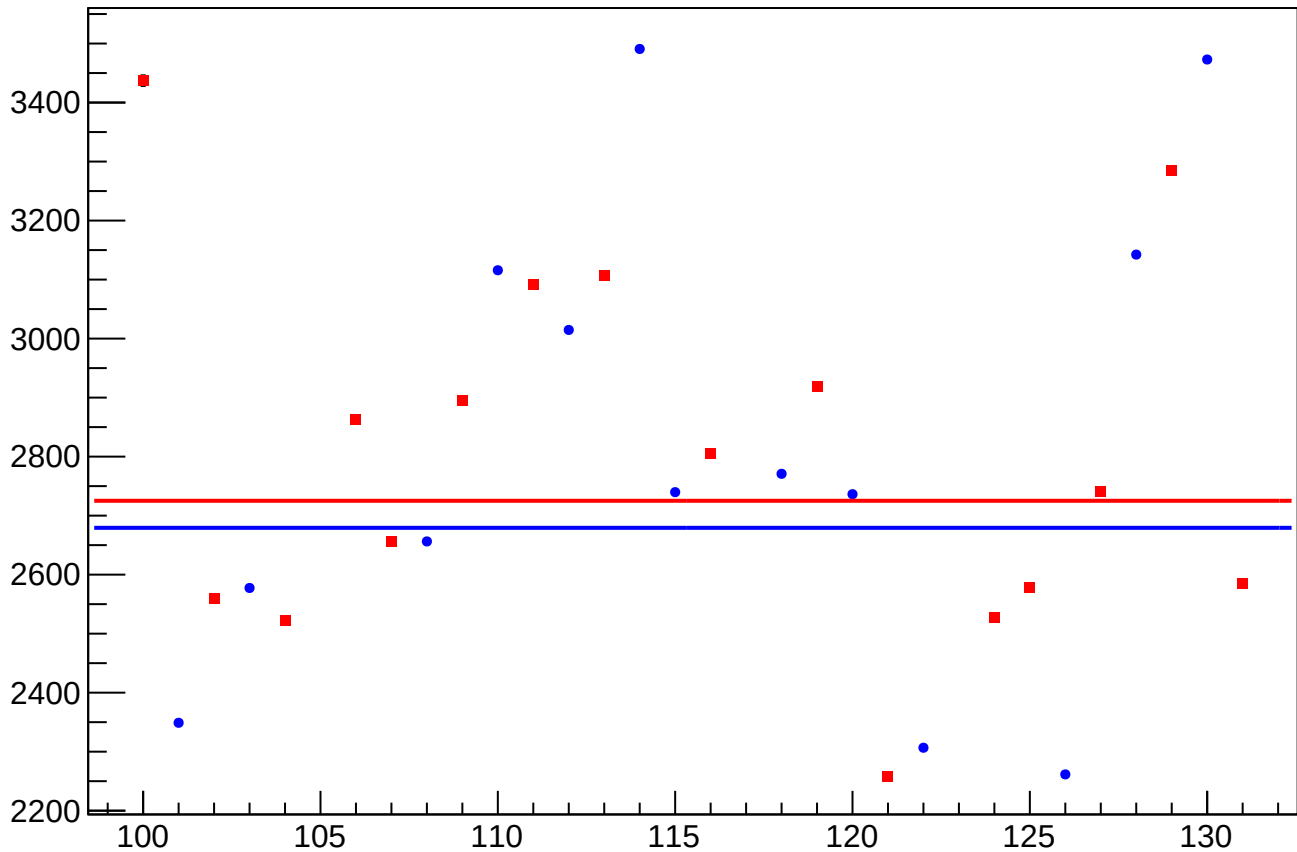
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1171.018 ± 791.023 χ^2/NDF : 23.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_dit_correction_rms vs Slug



Right In: 2679.340+/-0.814 χ^2/NDF : 194887.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

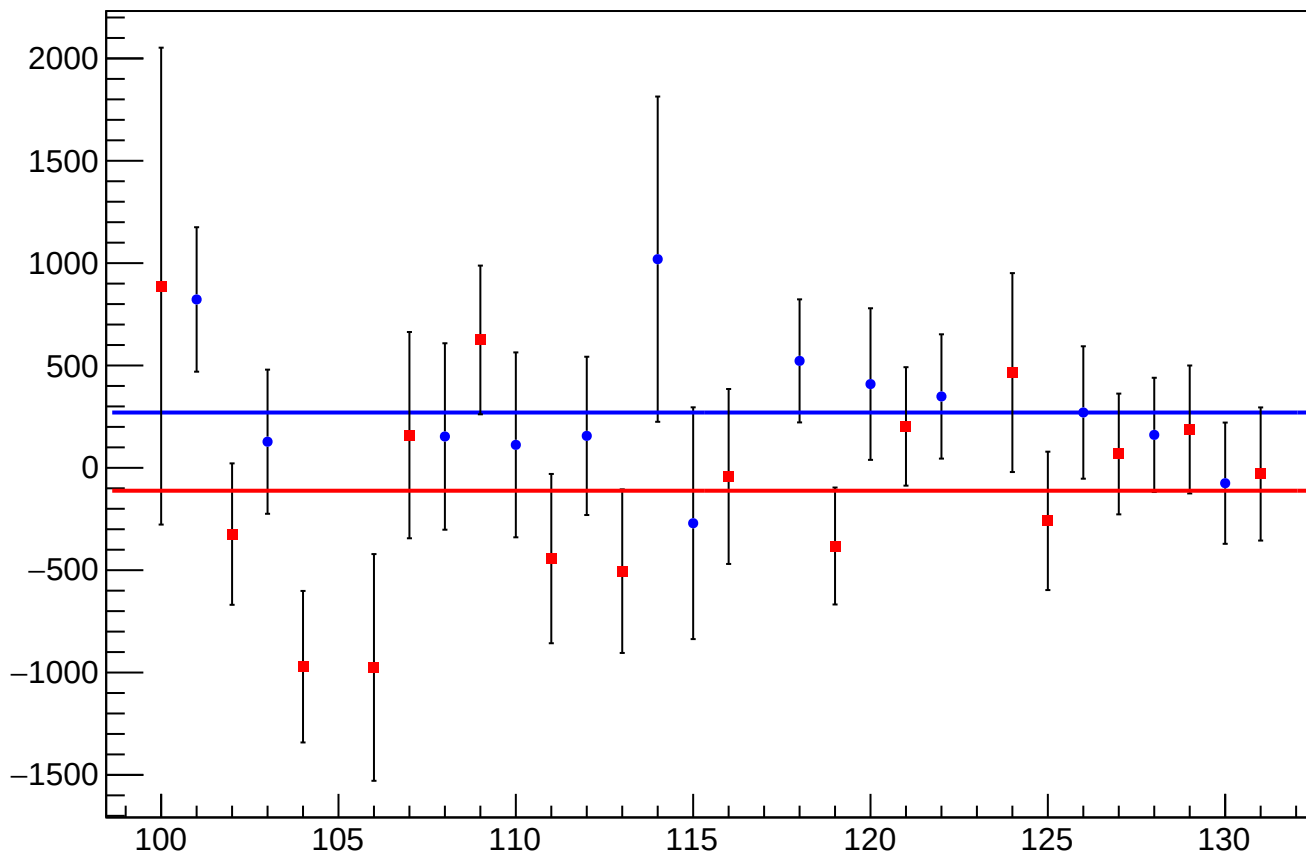
Right Out: 2725.166+/-0.770 χ^2/NDF : 124269.1/15

All: 2703.507+/-0.559 χ^2/NDF : 320829.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_26_dd_mean vs Slug



Right In: 270.238 +/- 99.887 χ^2/NDF : 7.1/12

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -111.801 +/- 92.388 χ^2/NDF : 20.0/15

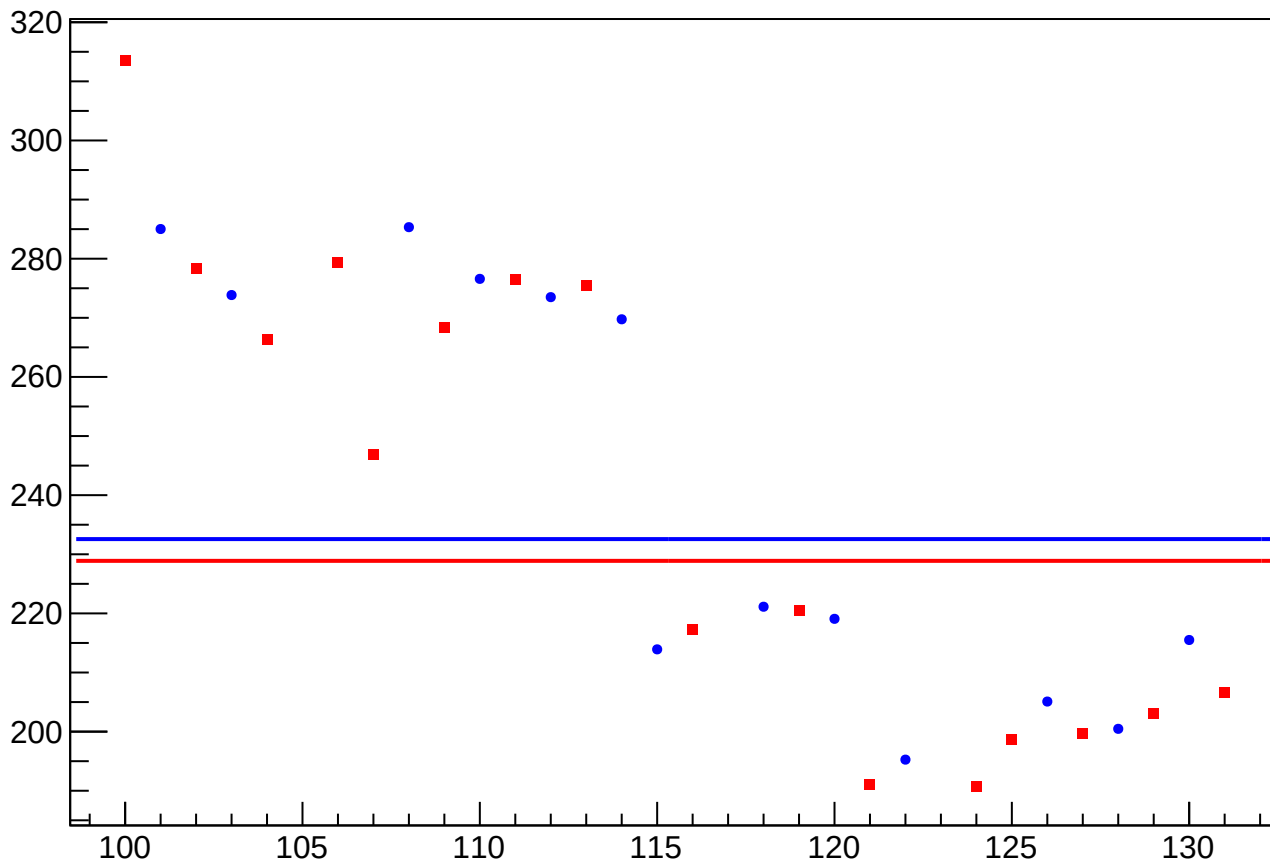
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 64.340 +/- 67.824 χ^2/NDF : 35.0/28

- sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_26_dd_rms vs Slug



Right In: 232.569 $\pm$ 0.071 χ^2 /NDF: 229780.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 228.889 $\pm$ 0.065 χ^2 /NDF: 276791.2/15

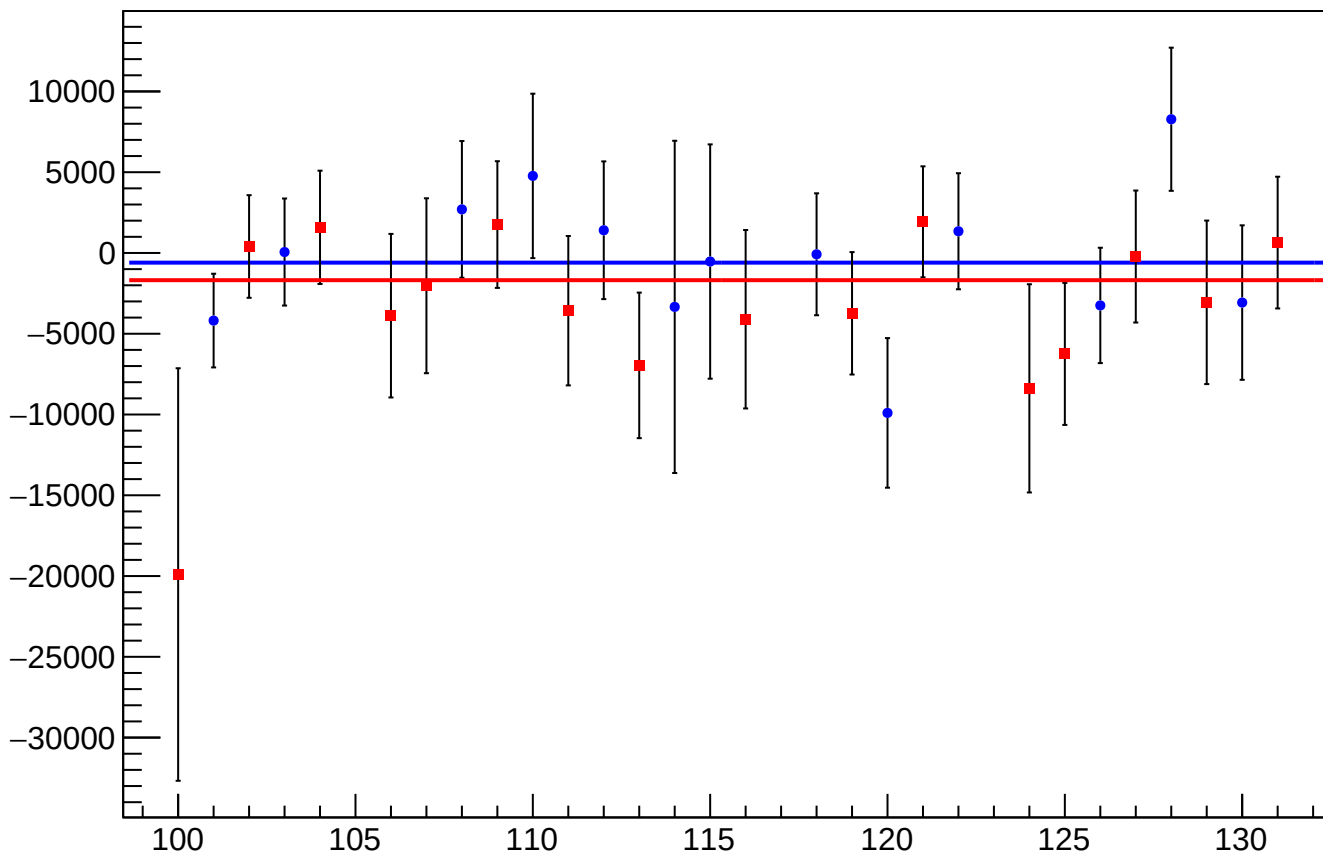
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 230.585 $\pm$ 0.048 χ^2 /NDF: 508034.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_dit_correction_mean vs Slug



Right In: -598.396+/-1150.609 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1684.197+/-1089.257 χ^2/NDF : 10.1/15

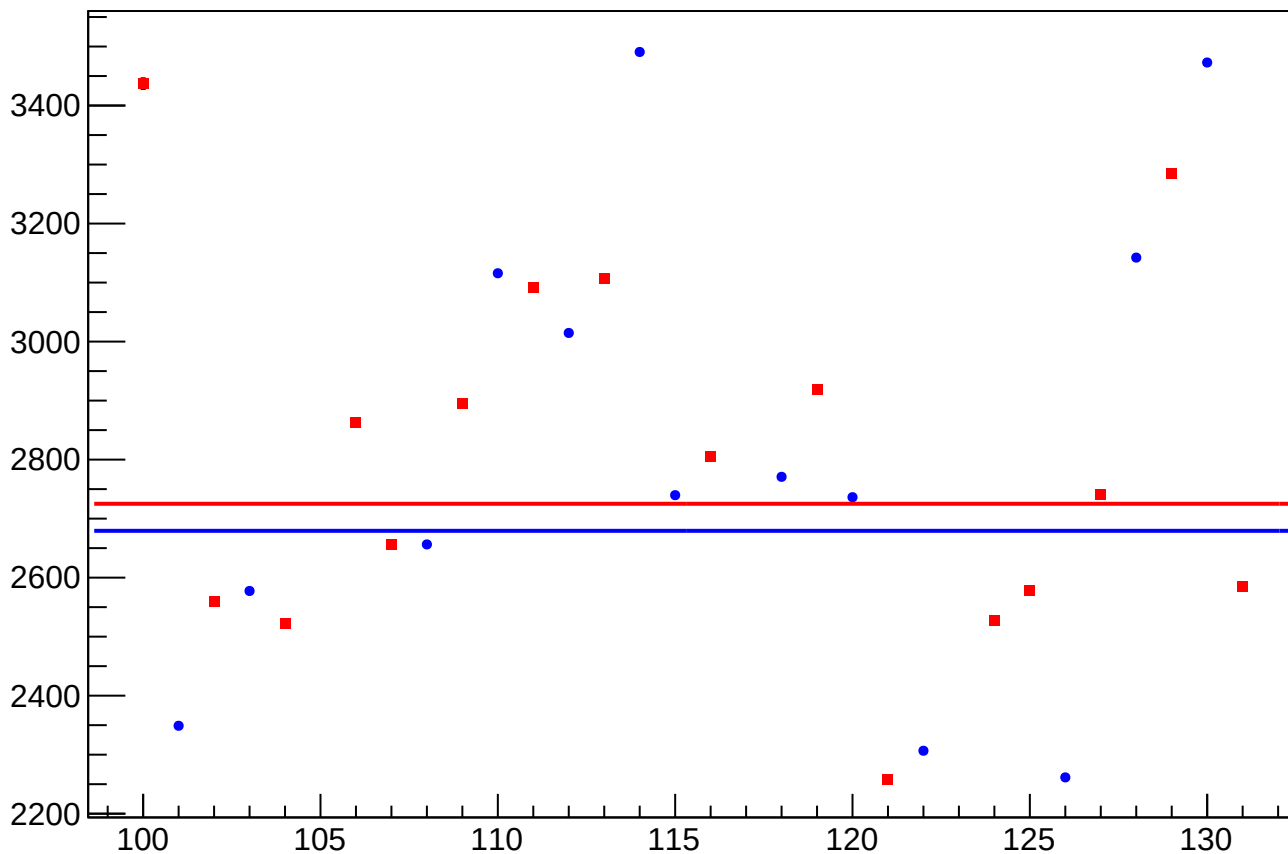
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1171.015+/-791.021 χ^2/NDF : 23.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_eigen_dit_correction_rms vs Slug



Right In: 2679.334+/-0.814 χ^2/NDF : 194883.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2725.160+/-0.770 χ^2/NDF : 124267.3/15

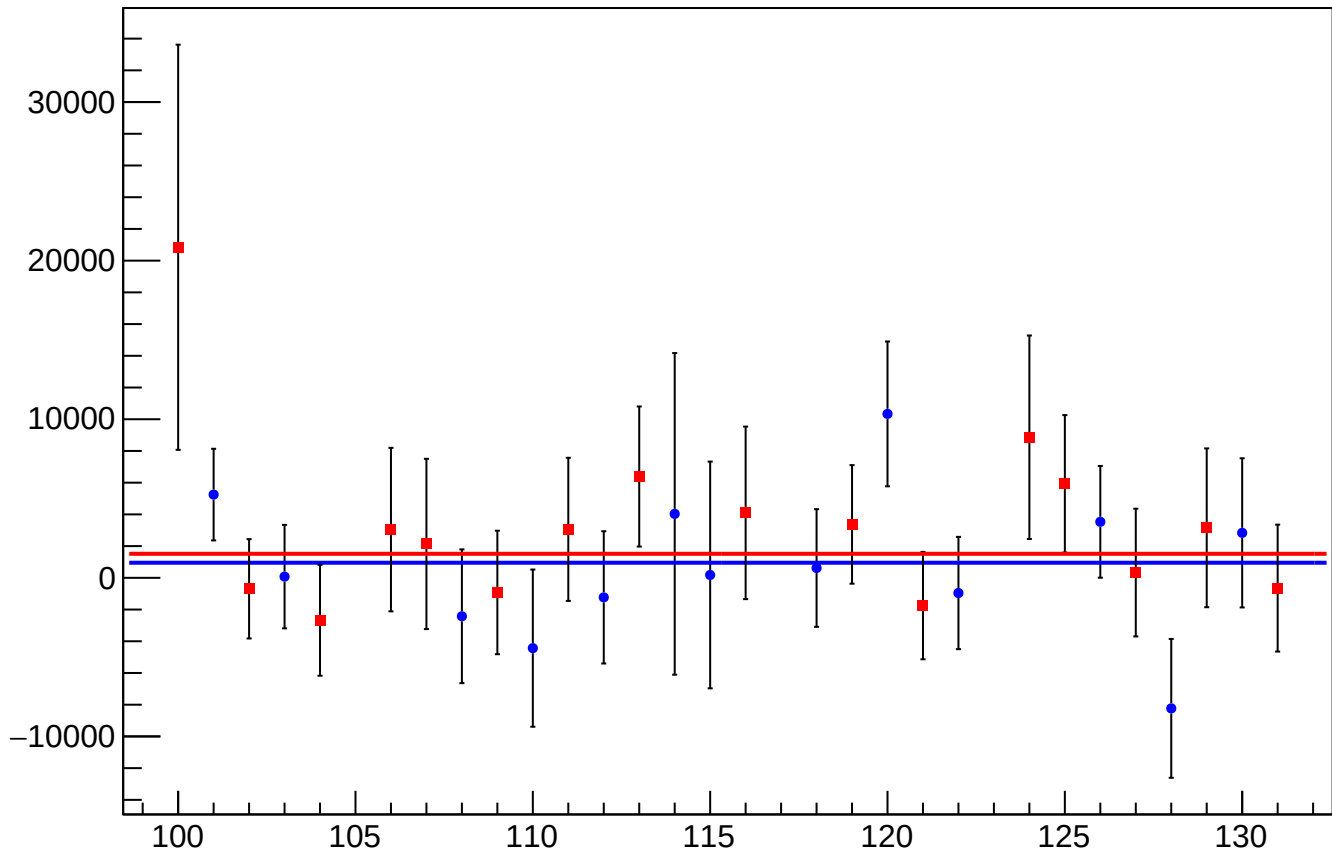
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2703.501+/-0.559 χ^2/NDF : 320823.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_mean vs Slug



Right In: 951.997 $\pm$ 1135.364 χ^2 /NDF: 14.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1515.496 $\pm$ 1076.605 χ^2 /NDF: 10.3/15

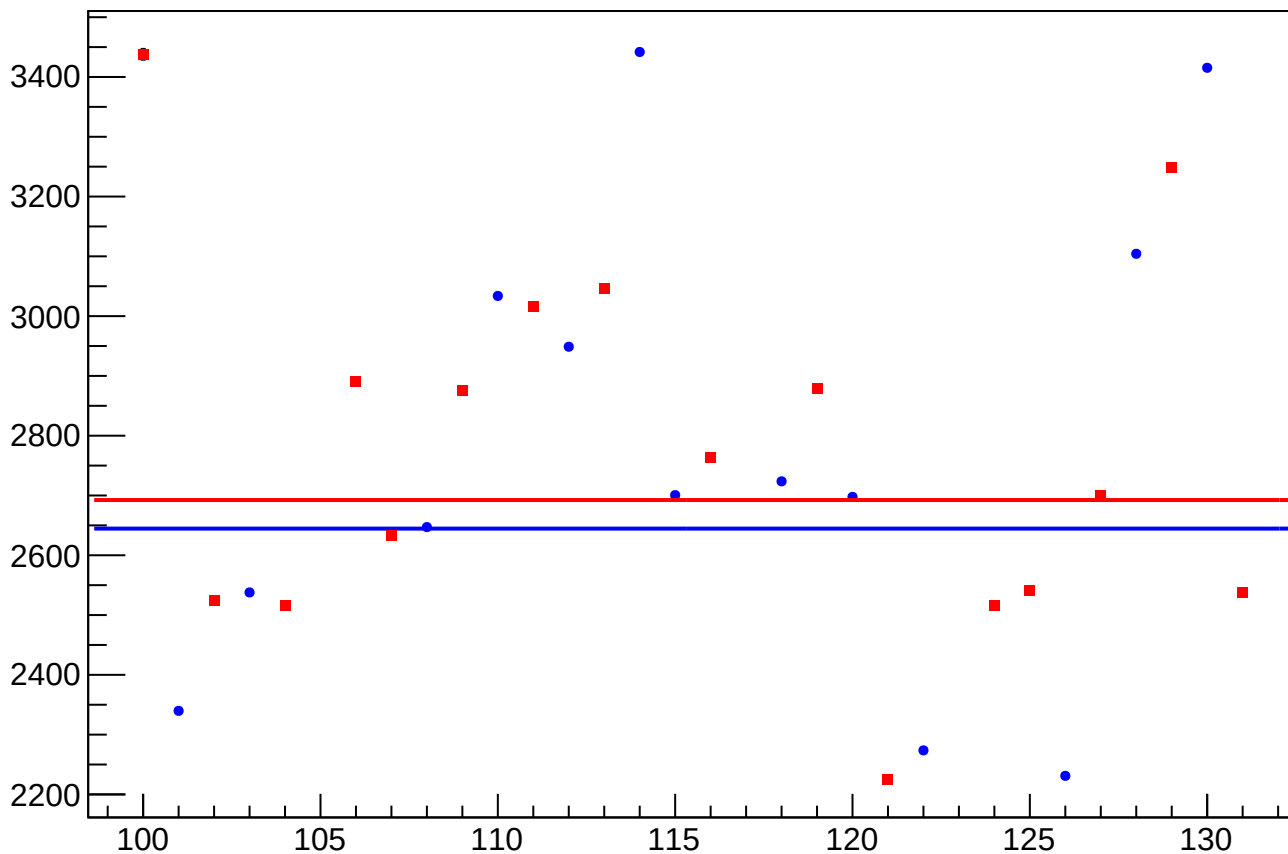
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1248.705 $\pm$ 781.222 χ^2 /NDF: 24.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_rms vs Slug



Right In: 2644.618 $\pm$ 0.803 χ^2 /NDF: 186319.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2692.397 $\pm$ 0.761 χ^2 /NDF: 123597.7/15

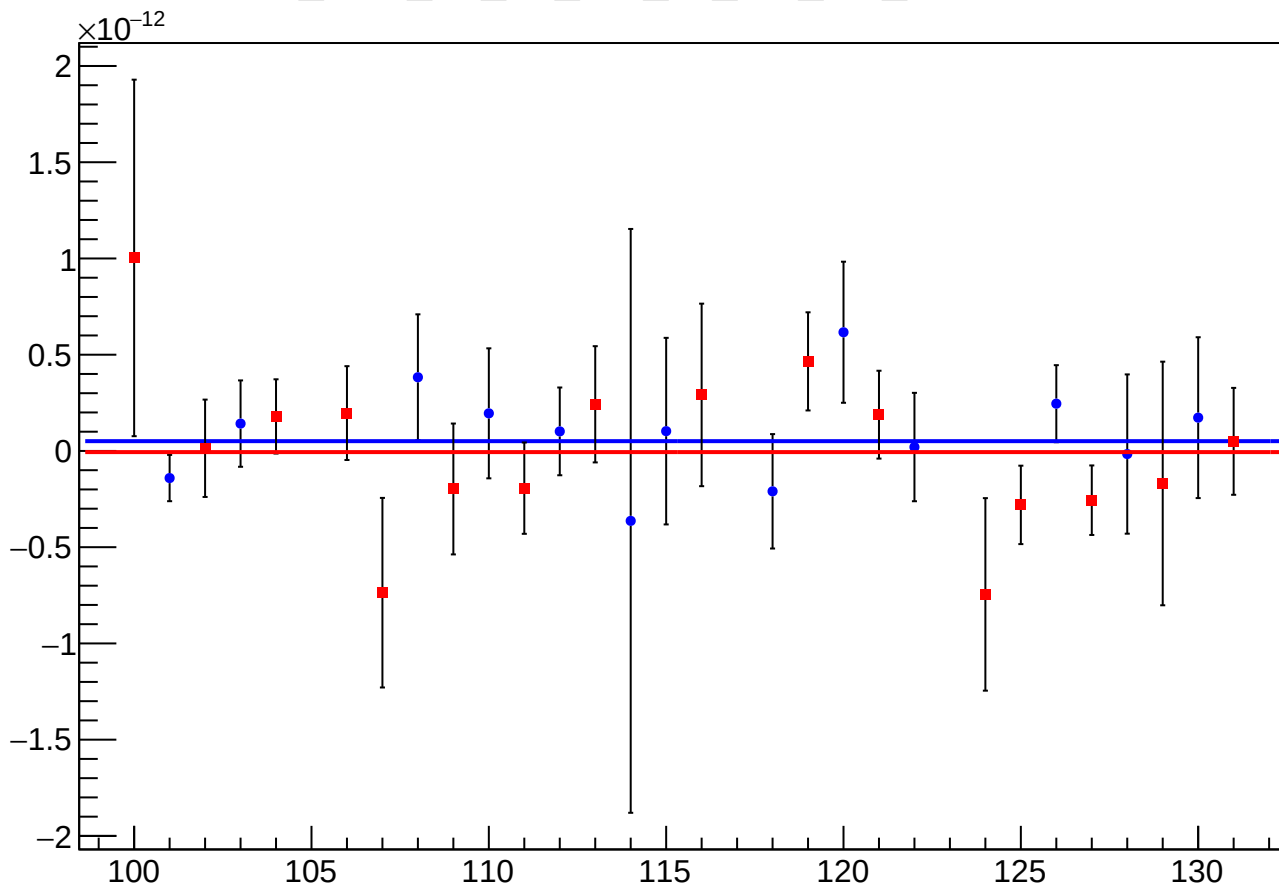
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2669.776 $\pm$ 0.552 χ^2 /NDF: 311781.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 8.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.2/15

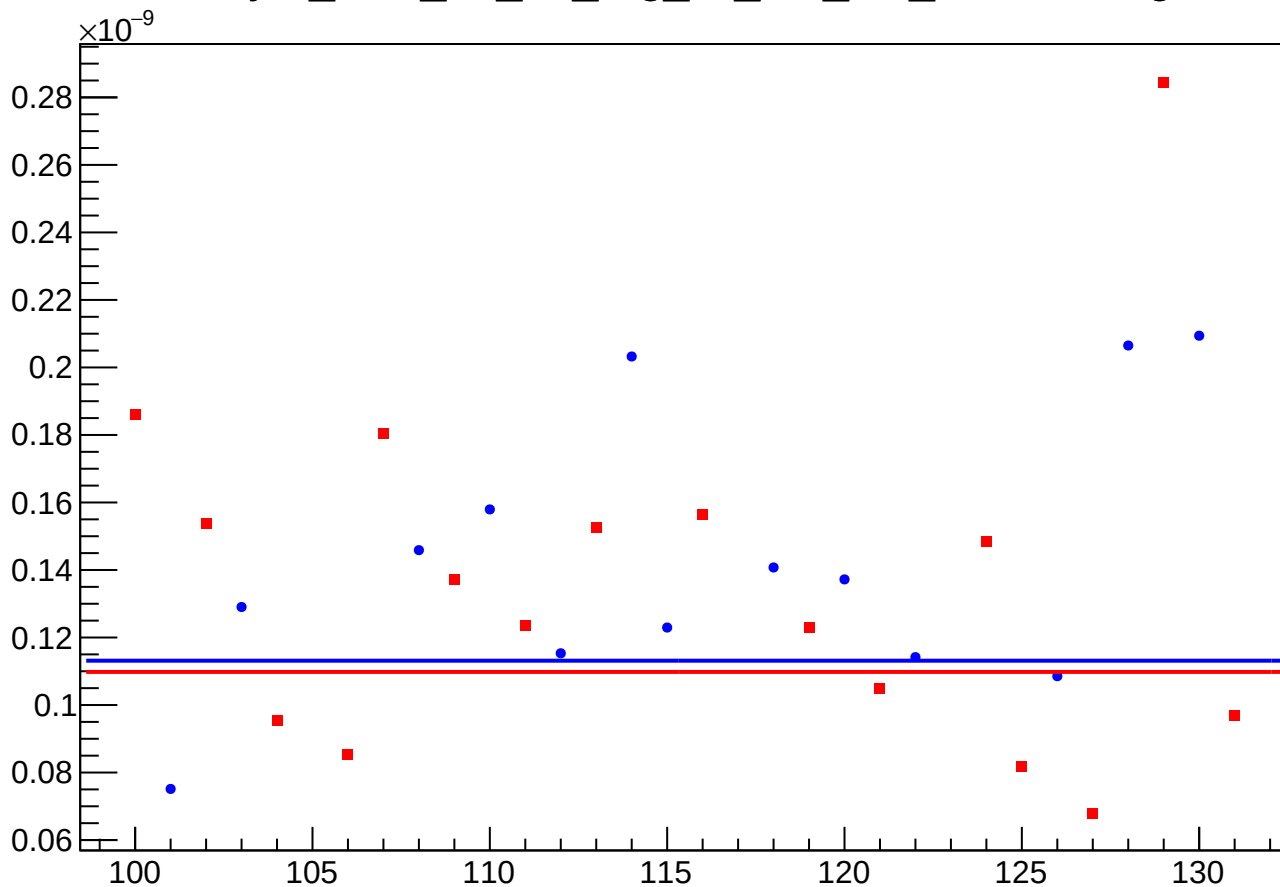
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.8/28

- sign 0.000+/-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 : 507937.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 545826.0/15

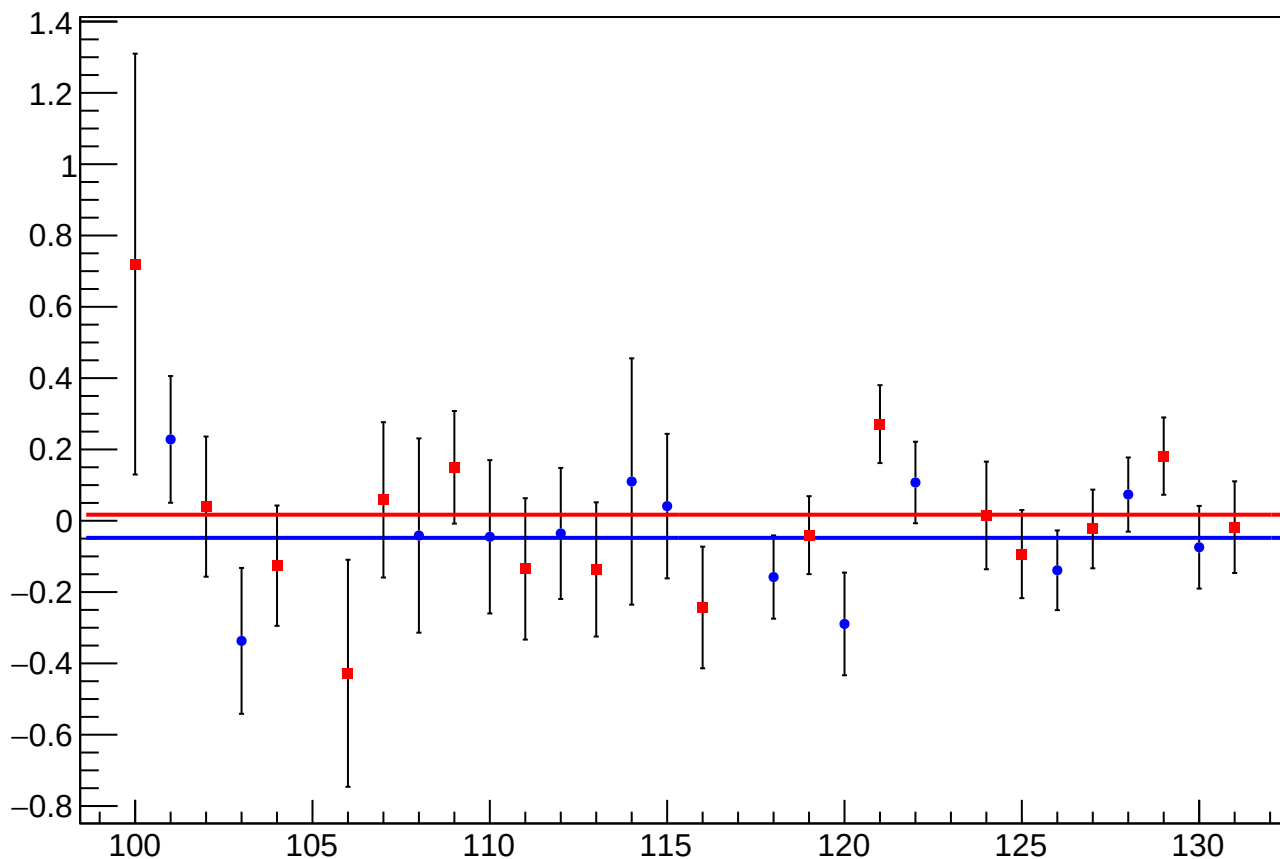
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1056044.2/28

- 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 $\pm$ 0.041 χ^2 /NDF: 12.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.017 $\pm$ 0.037 χ^2 /NDF: 17.4/15

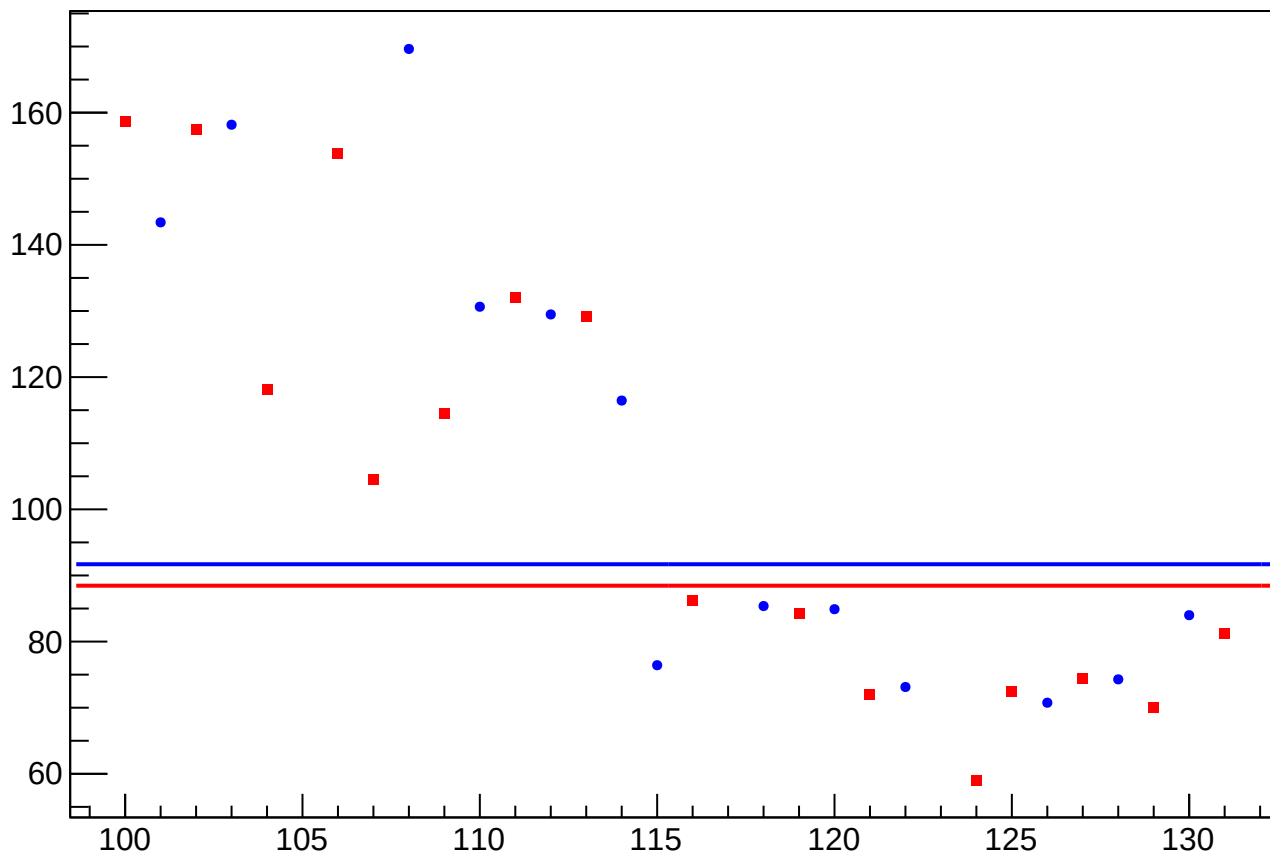
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.012 $\pm$ 0.027 χ^2 /NDF: 31.2/28

- 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: 91.698 $\pm$ 0.029 χ^2 /NDF: 914014.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 88.452 $\pm$ 0.026 χ^2 /NDF: 931319.6/15

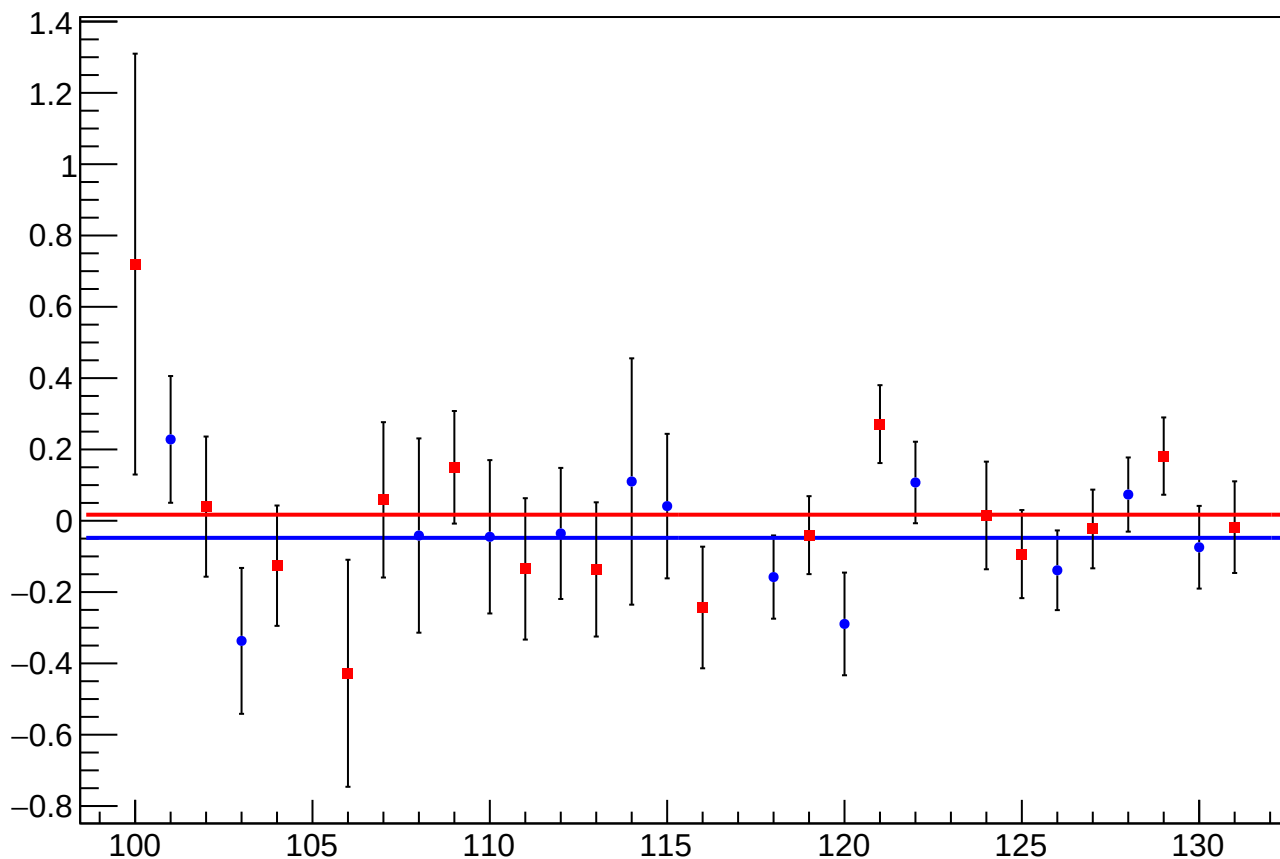
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 89.917 $\pm$ 0.019 χ^2 /NDF: 1852249.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.048+/-0.041 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.037 χ^2/NDF : 17.4/15

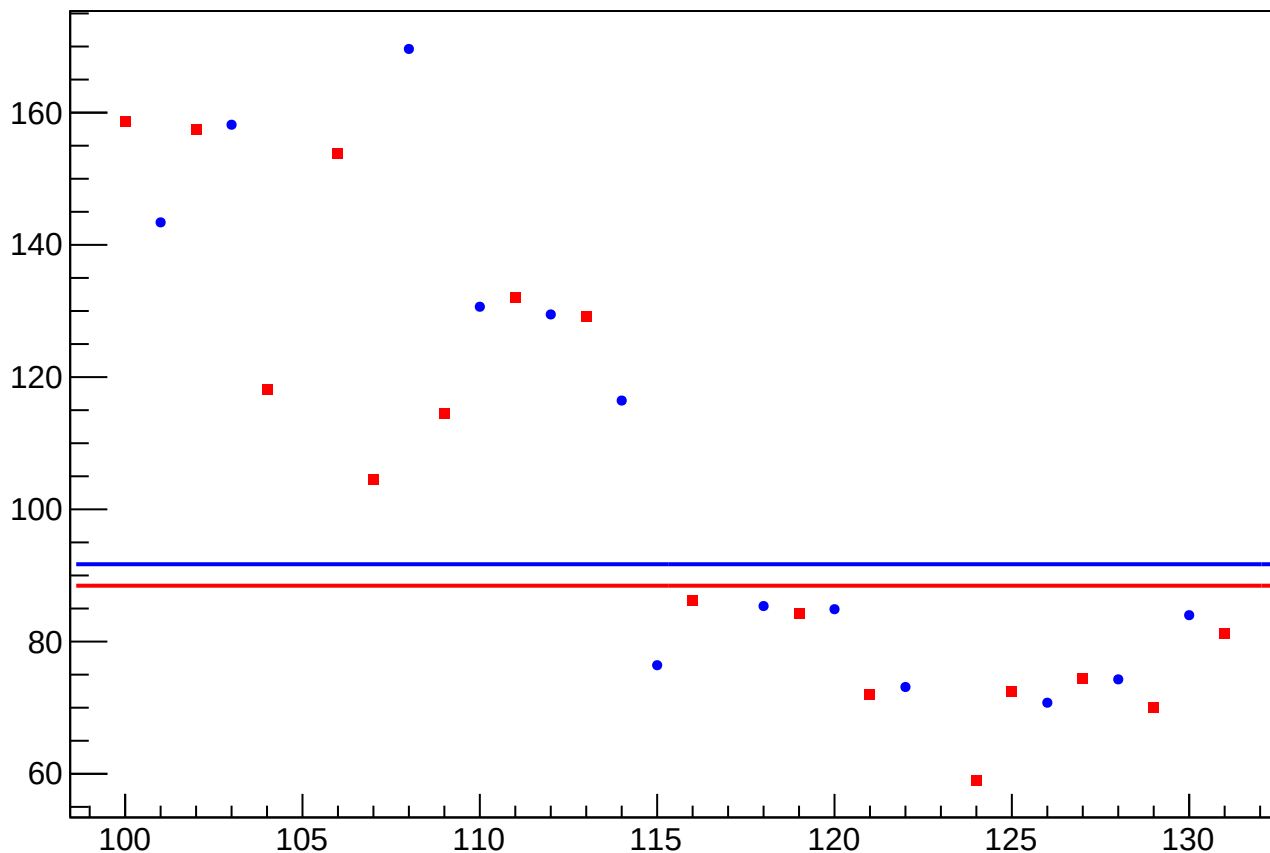
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.027 χ^2/NDF : 31.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 91.698 $\pm$ 0.029 χ^2 /NDF: 914014.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 88.452 $\pm$ 0.026 χ^2 /NDF: 931319.6/15

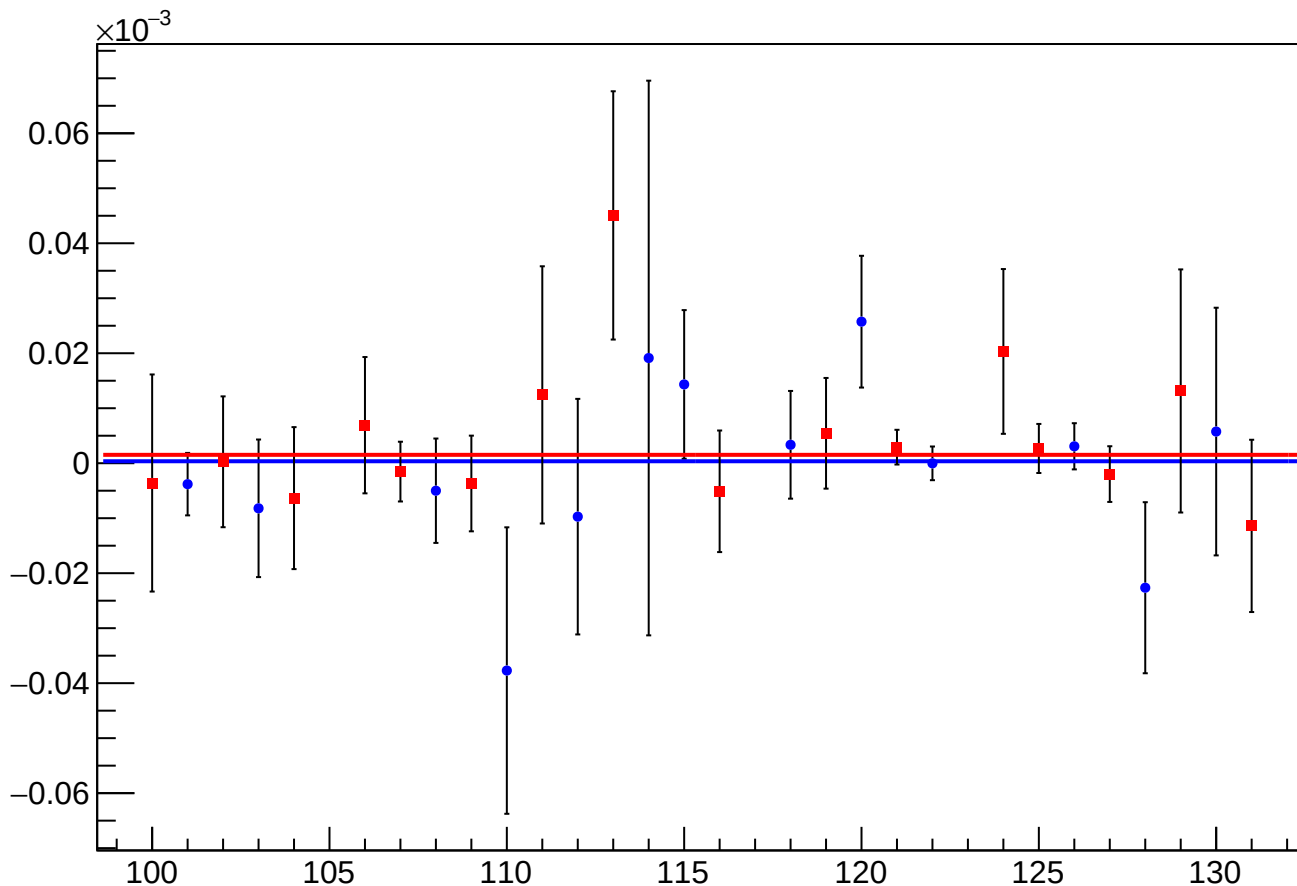
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 89.917 $\pm$ 0.019 χ^2 /NDF: 1852249.4/28

- 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: 12.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.0/15

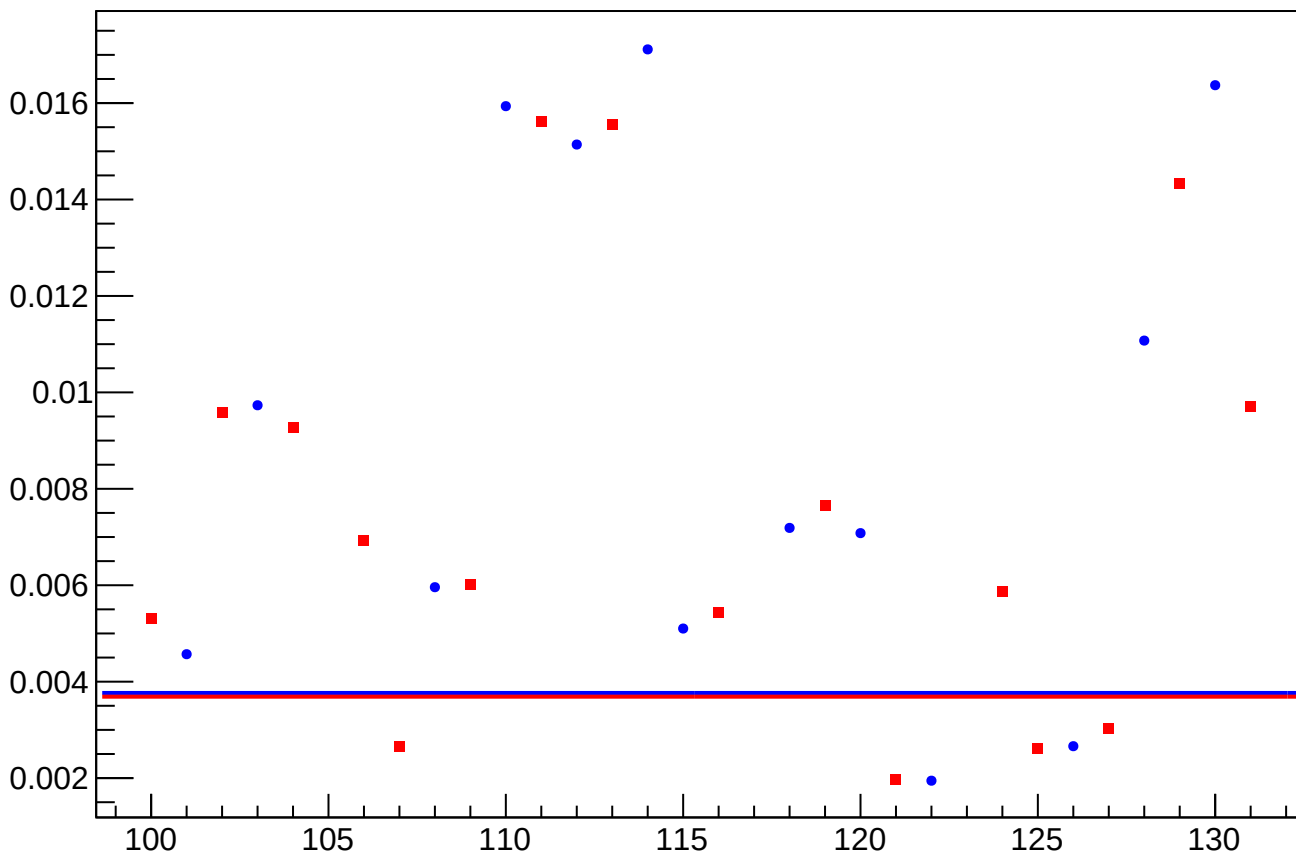
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 21.4/28

- 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 : 4071658.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 4201729.0/15

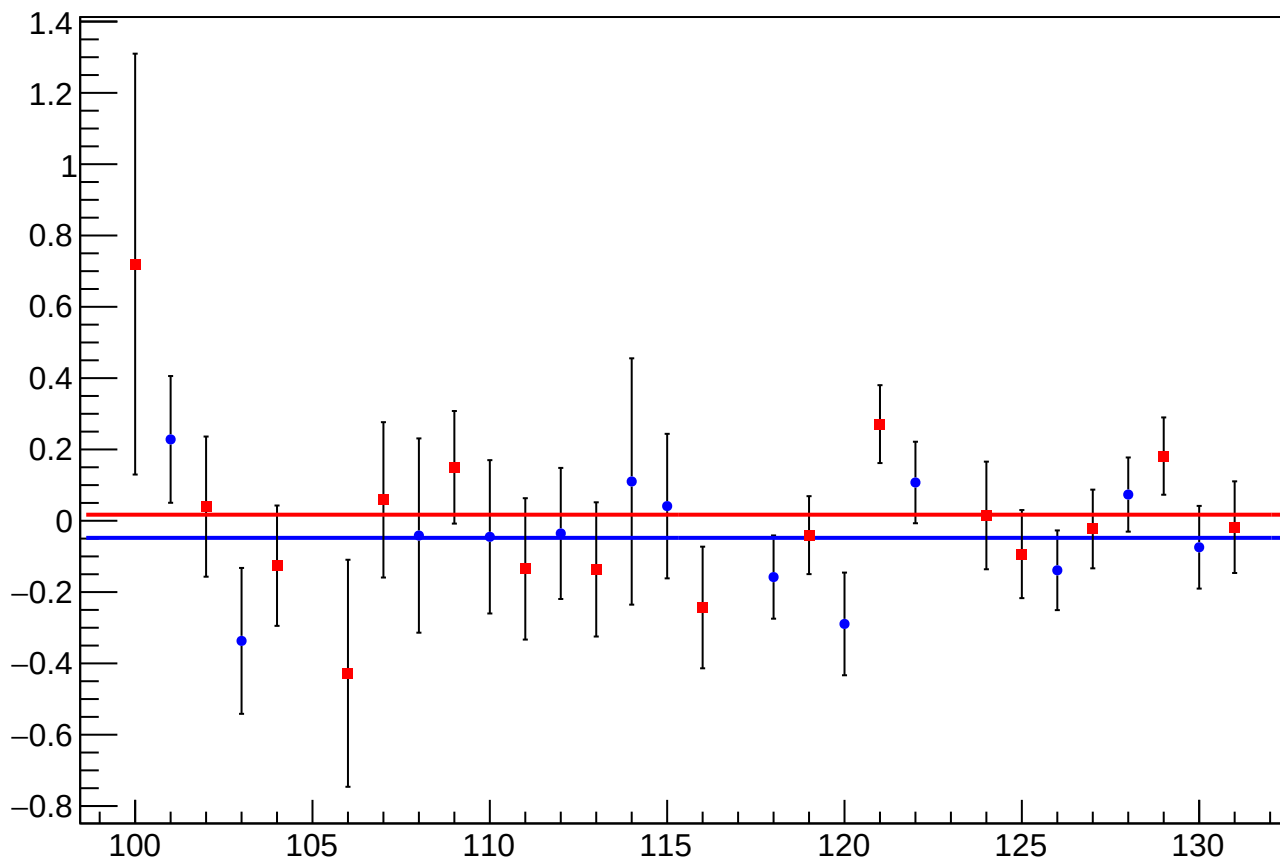
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 8274971.5/28

- 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 $\pm$ 0.041 χ^2 /NDF: 12.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.017 $\pm$ 0.037 χ^2 /NDF: 17.4/15

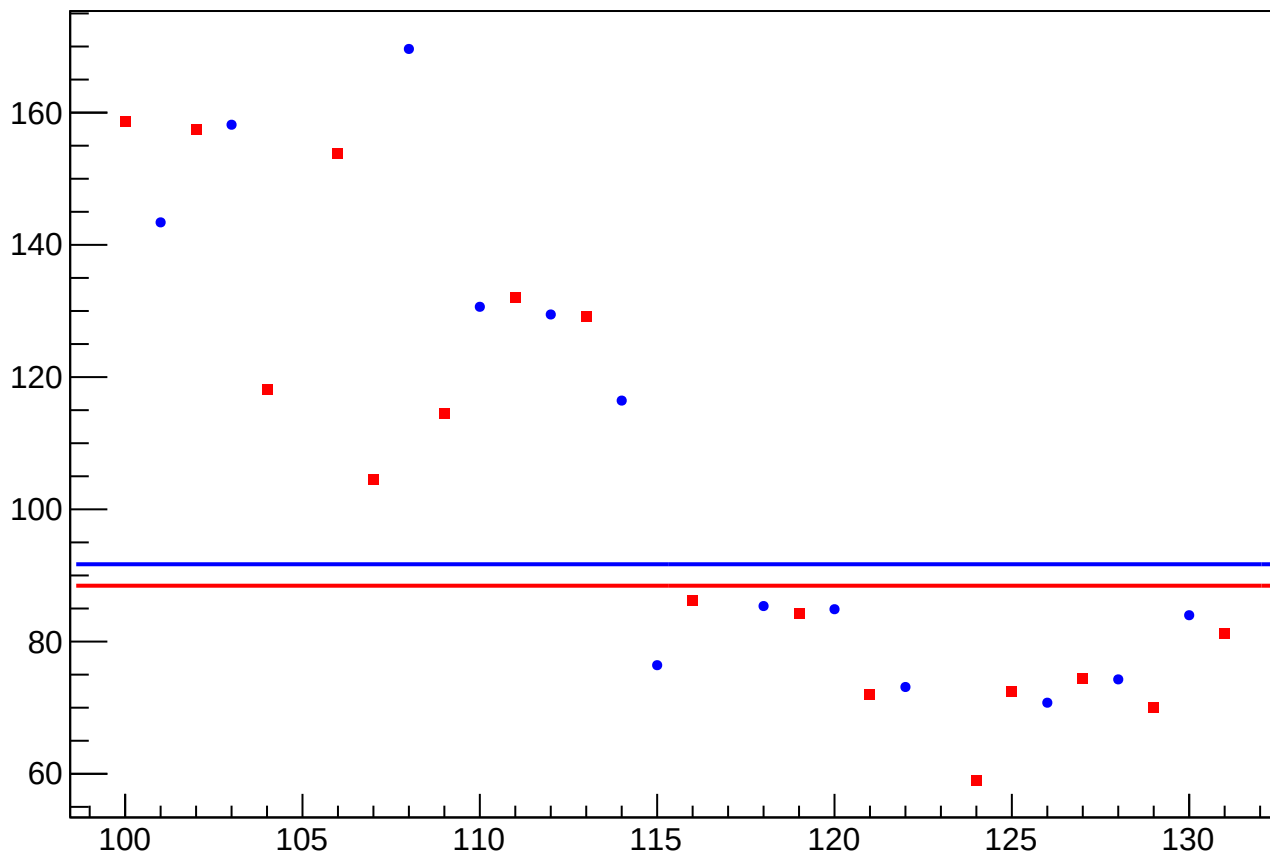
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.012 $\pm$ 0.027 χ^2 /NDF: 31.2/28

- 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: 91.695 $\pm$ 0.029 χ^2 /NDF: 914024.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 88.450 $\pm$ 0.026 χ^2 /NDF: 931329.2/15

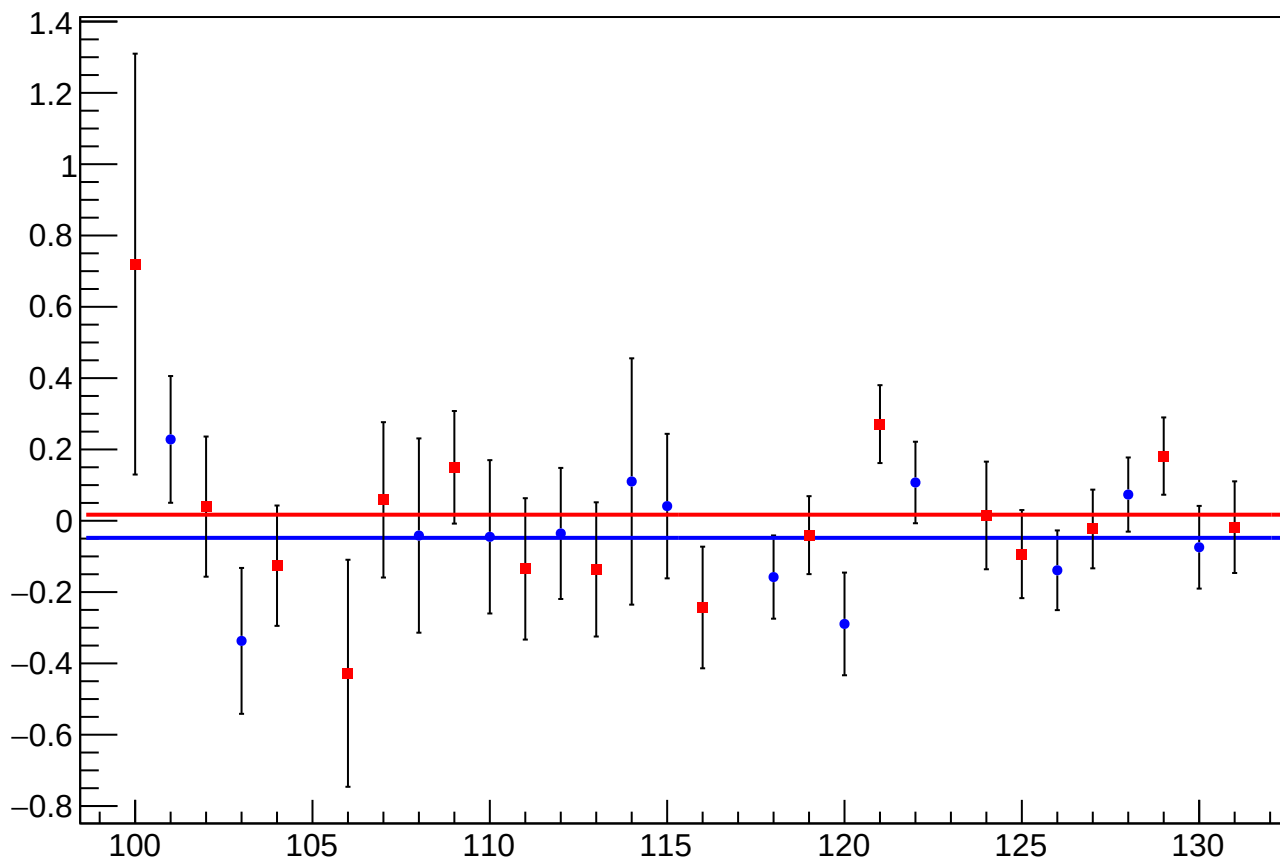
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 89.913 $\pm$ 0.019 χ^2 /NDF: 1852266.9/28

- 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+/-0.041 χ^2/NDF : 12.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.037 χ^2/NDF : 17.4/15

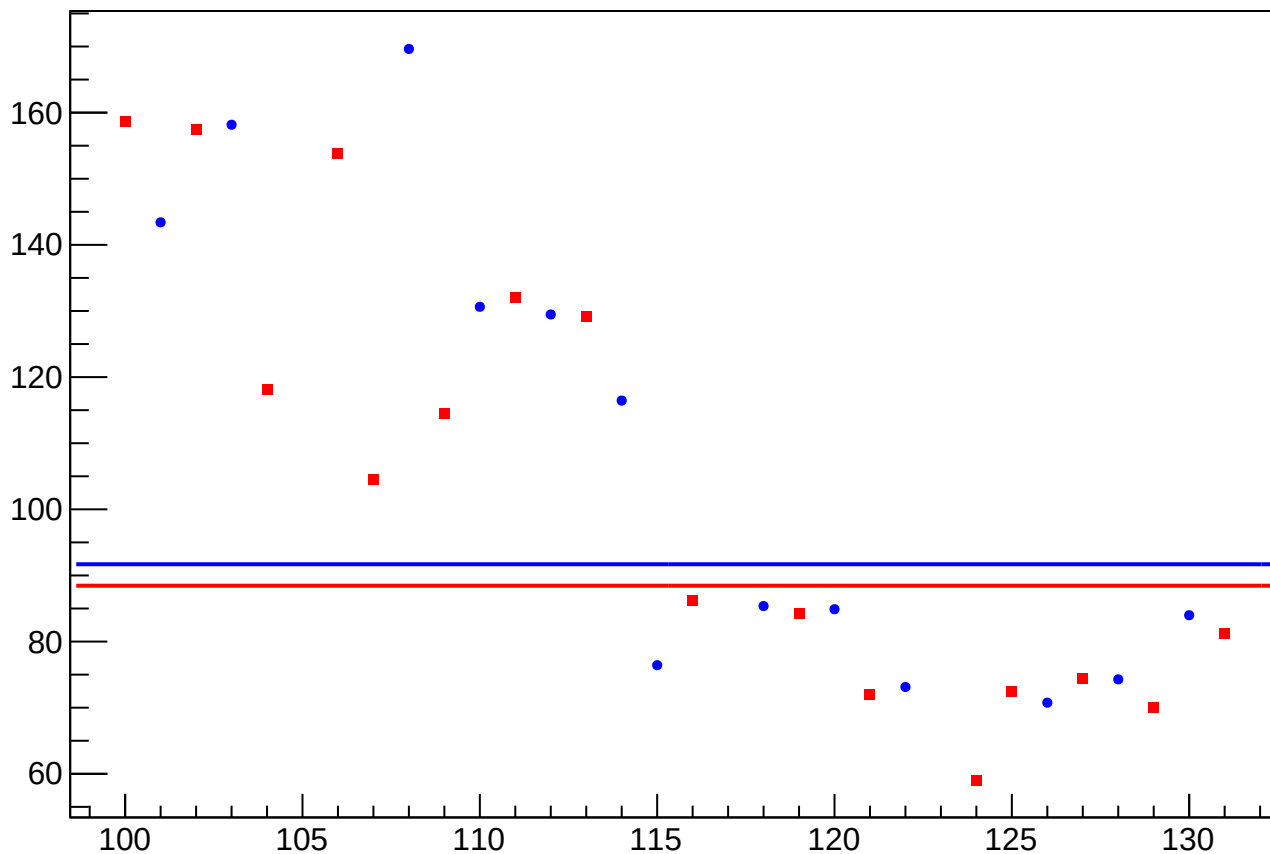
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.027 χ^2/NDF : 31.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 91.695+/-0.029 χ^2/NDF : 914024.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.450+/-0.026 χ^2/NDF : 931329.2/15

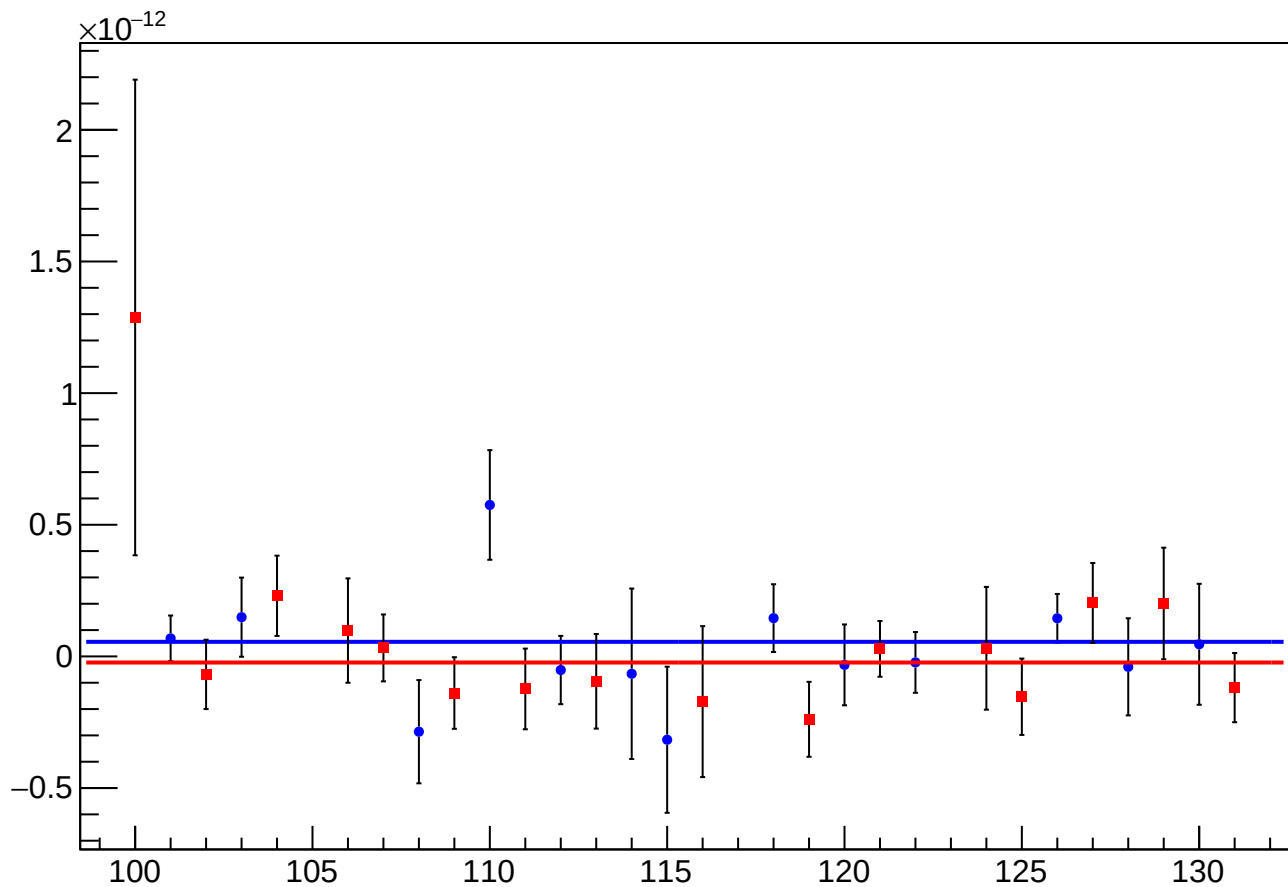
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

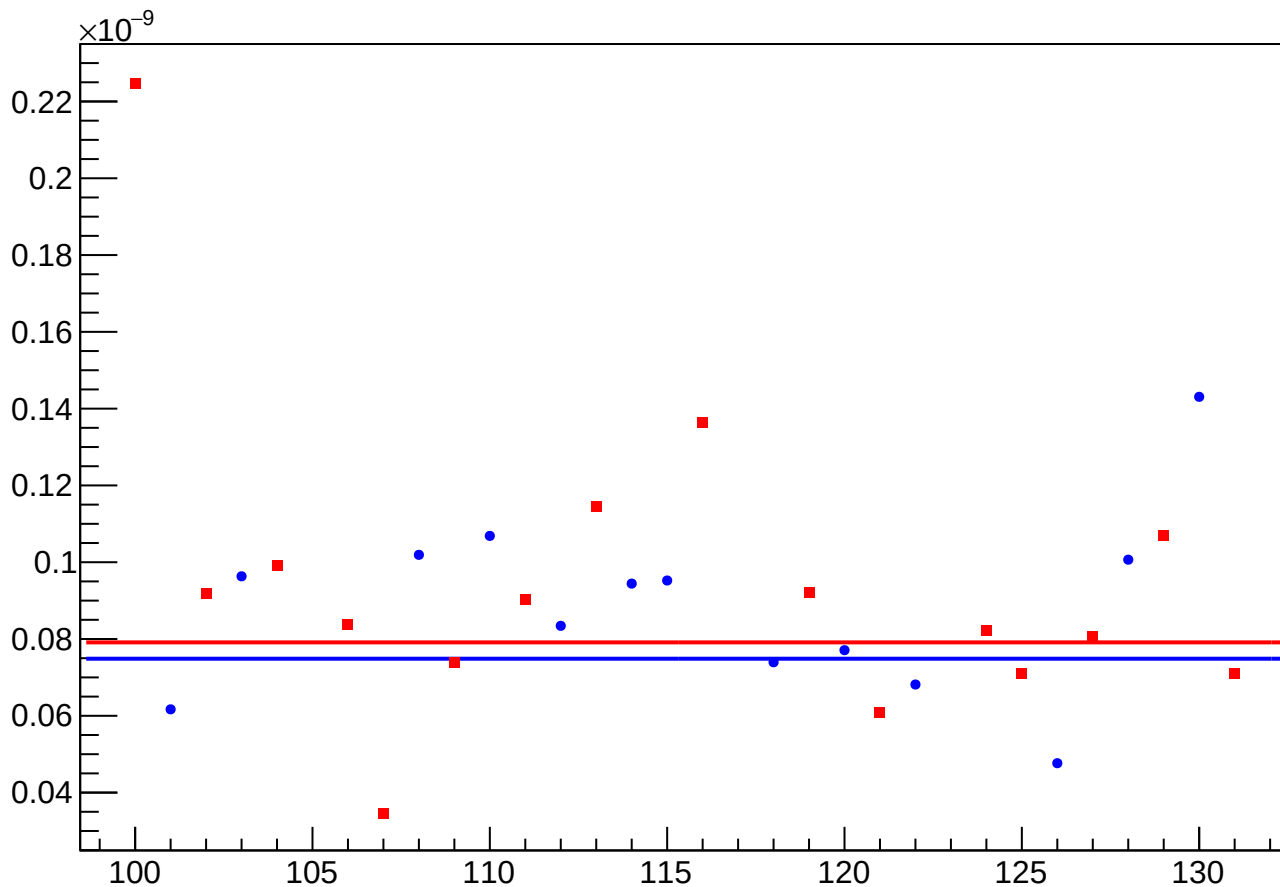
All: 89.913+/-0.019 χ^2/NDF : 1852266.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_eigen_cor_vs_cor_diff_mean vs Slug



asym_sam_26_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 595387.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 647904.6/15

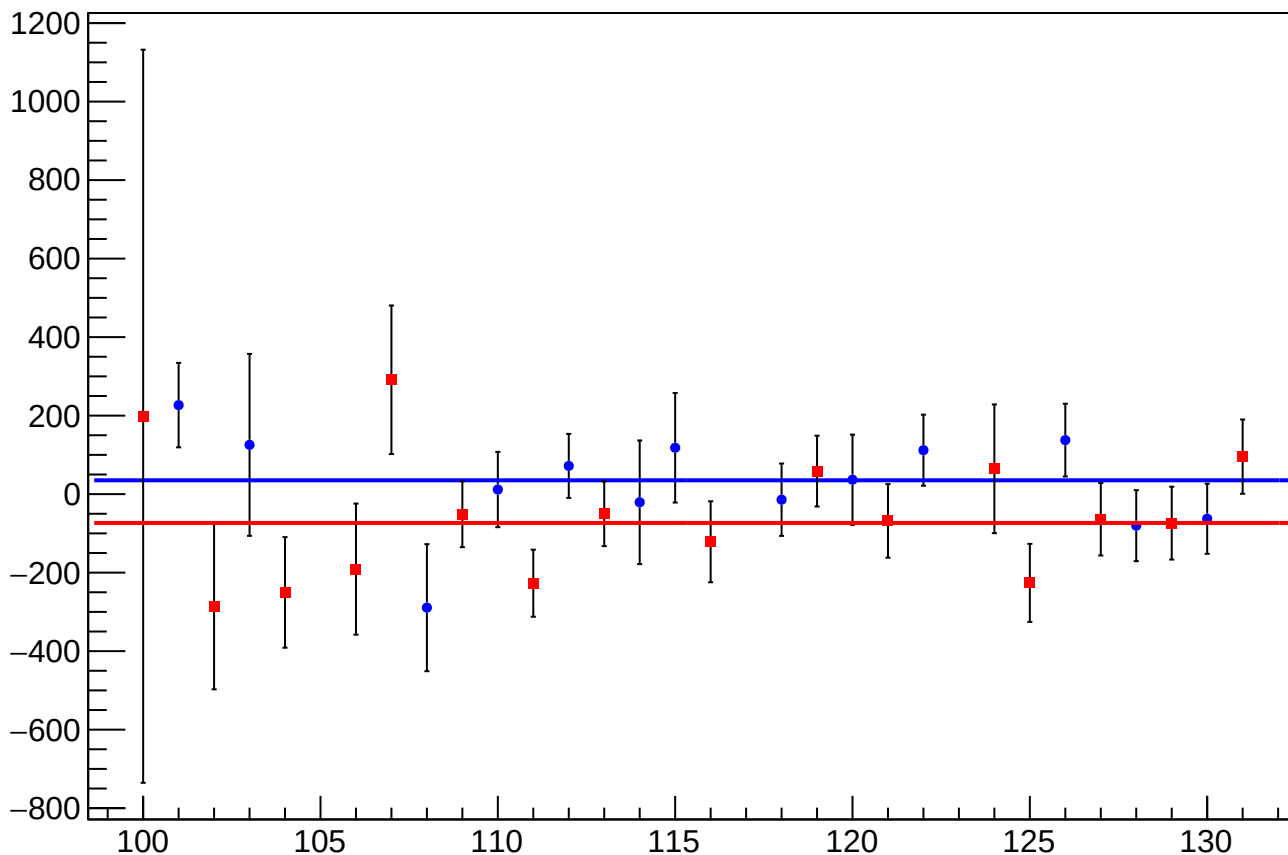
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1255143.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_mean vs Slug



Right In: 35.228 $\pm$ 29.189 χ^2 /NDF: 13.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -73.396 $\pm$ 26.943 χ^2 /NDF: 18.9/15

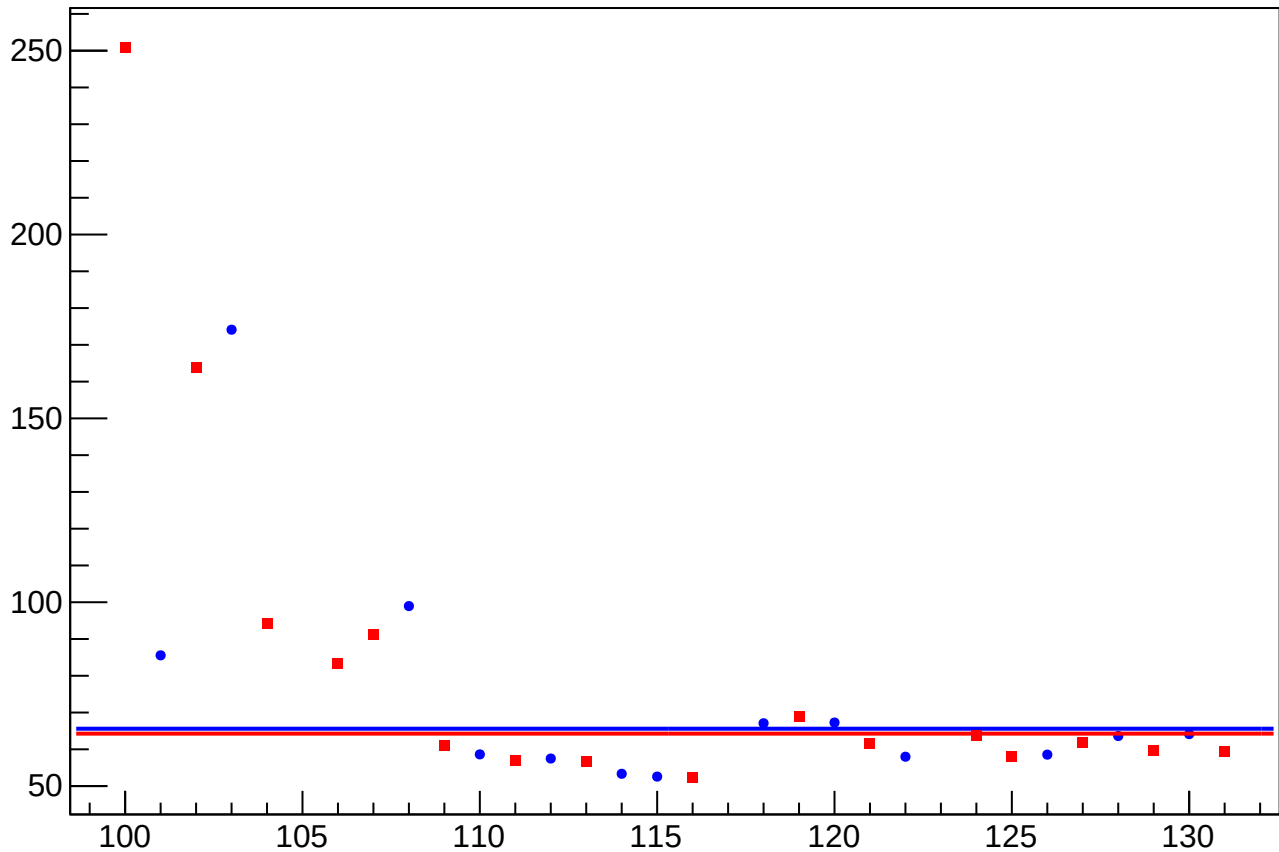
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -23.423 $\pm$ 19.798 χ^2 /NDF: 39.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_dd_rms vs Slug



Right In: 65.602 $\pm$ 0.021 χ^2 /NDF: 680505.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 64.263 $\pm$ 0.019 χ^2 /NDF: 771338.3/15

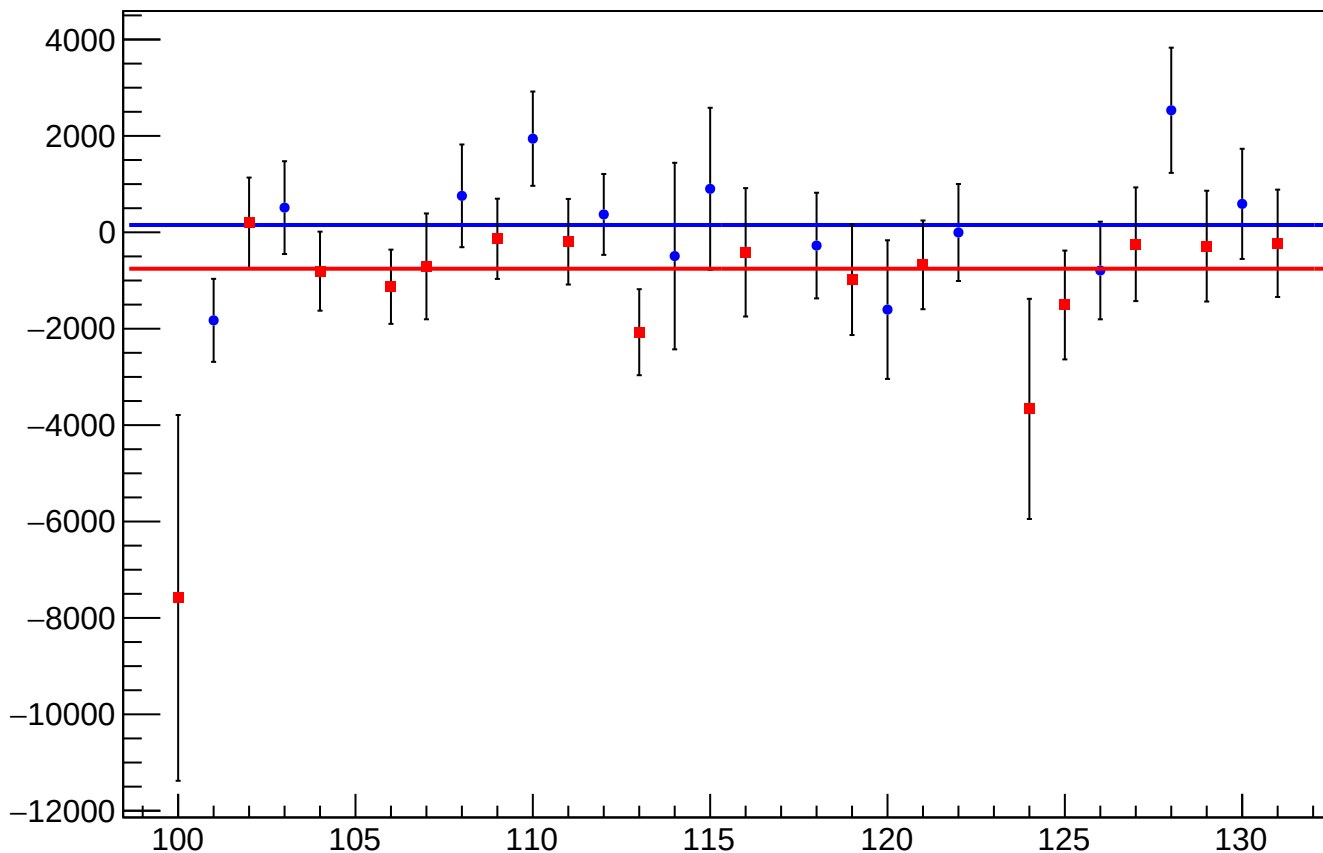
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 64.879 $\pm$ 0.014 χ^2 /NDF: 1454115.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_reg_correction_mean vs Slug



Right In: 151.677 $\pm$ 301.089 χ^2 /NDF: 15.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -755.387 $\pm$ 258.772 χ^2 /NDF: 10.4/15

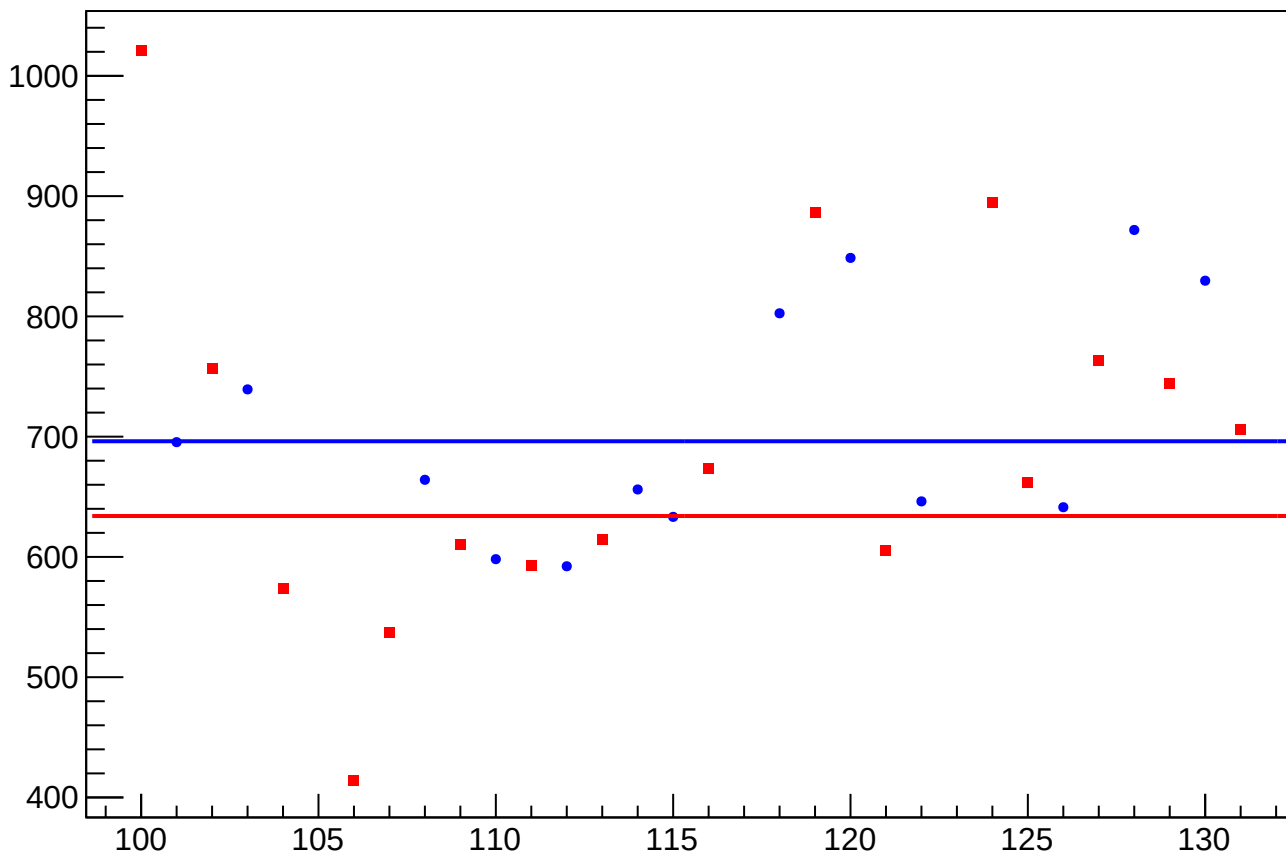
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -370.026 $\pm$ 196.250 χ^2 /NDF: 31.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_reg_correction_rms vs Slug



Right In: 696.182 $\pm$ 0.213 χ^2 /NDF: 176269.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 634.021 $\pm$ 0.183 χ^2 /NDF: 429122.9/15

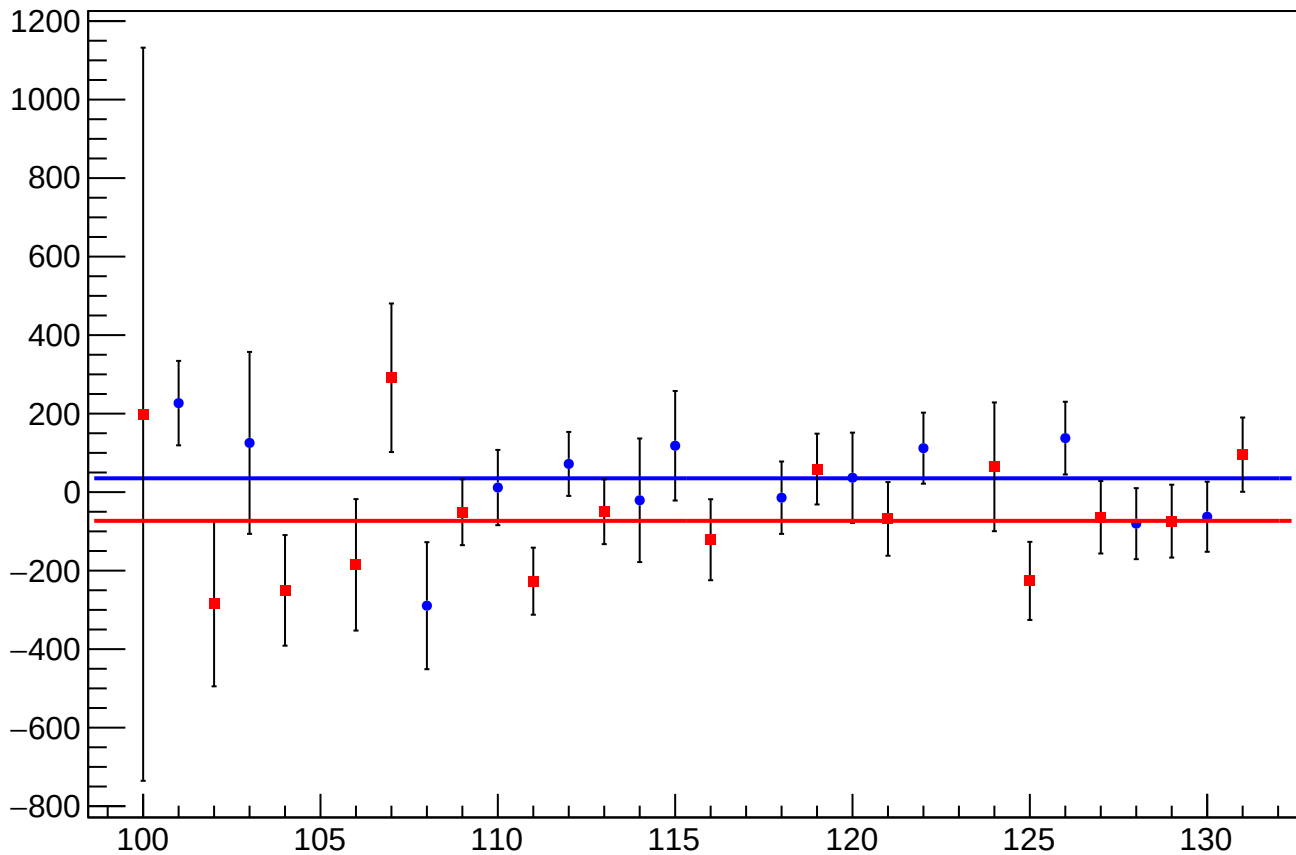
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 660.430 $\pm$ 0.139 χ^2 /NDF: 654423.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_dd_mean vs Slug



Right In: 35.221+/-29.189 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -73.175+/-26.945 χ^2/NDF : 18.8/15

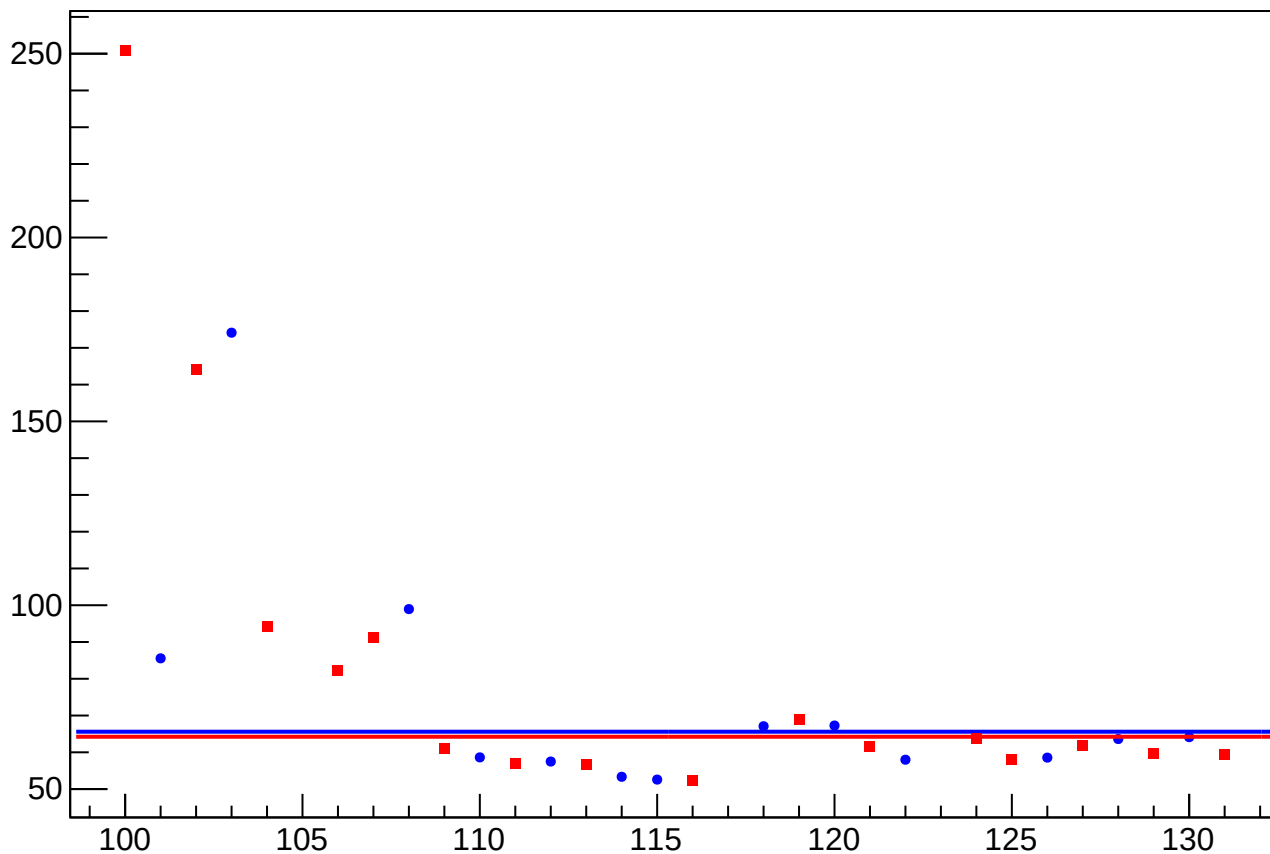
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.304+/-19.799 χ^2/NDF : 39.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_37_dd_rms vs Slug



Right In: 65.602 $\pm$ 0.021 χ^2 /NDF: 680507.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 64.234 $\pm$ 0.019 χ^2 /NDF: 768681.4/15

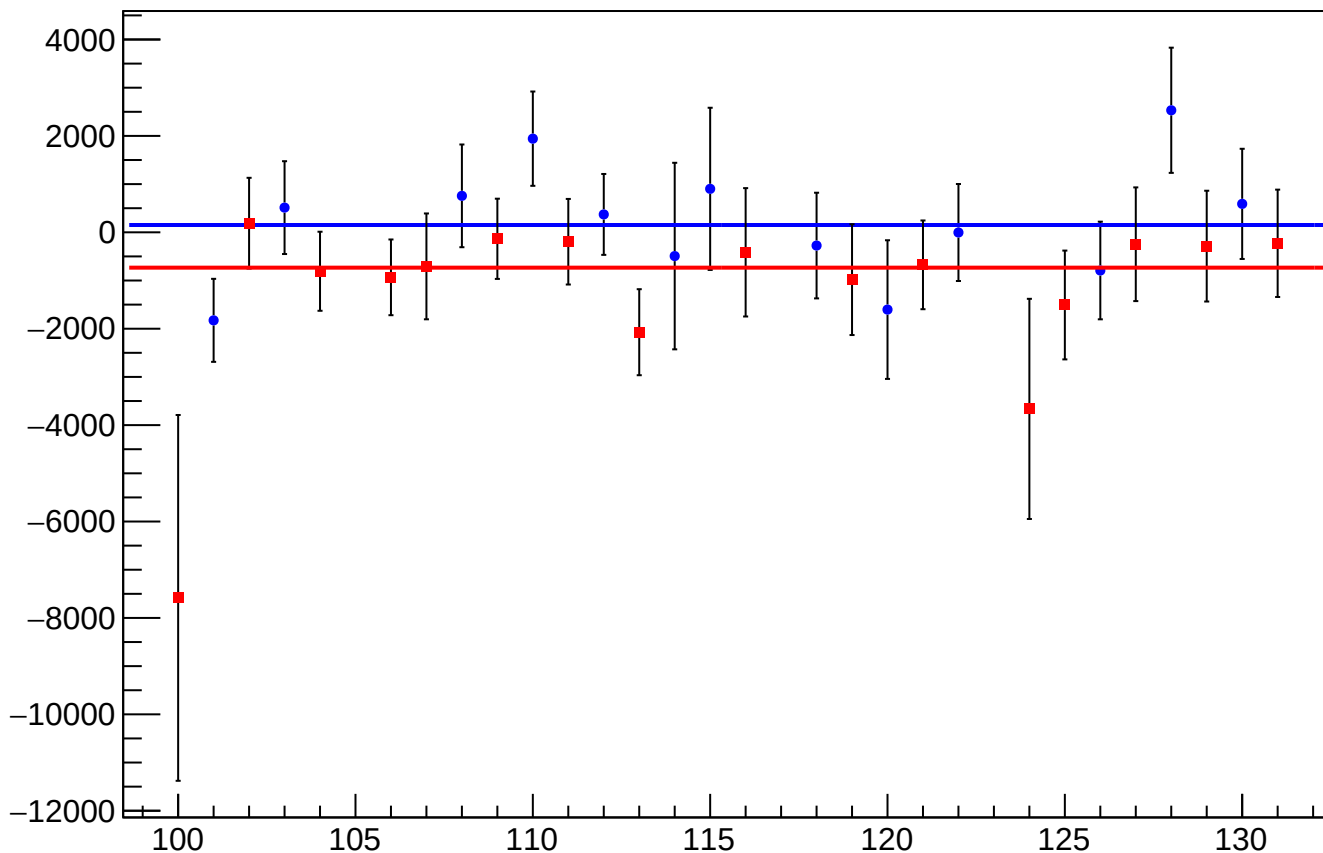
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 64.863 $\pm$ 0.014 χ^2 /NDF: 1451561.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_cor_correction_mean vs Slug



Right In: 151.686 $\pm$ 301.092 χ^2 /NDF: 15.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -733.198 $\pm$ 259.366 χ^2 /NDF: 10.2/15

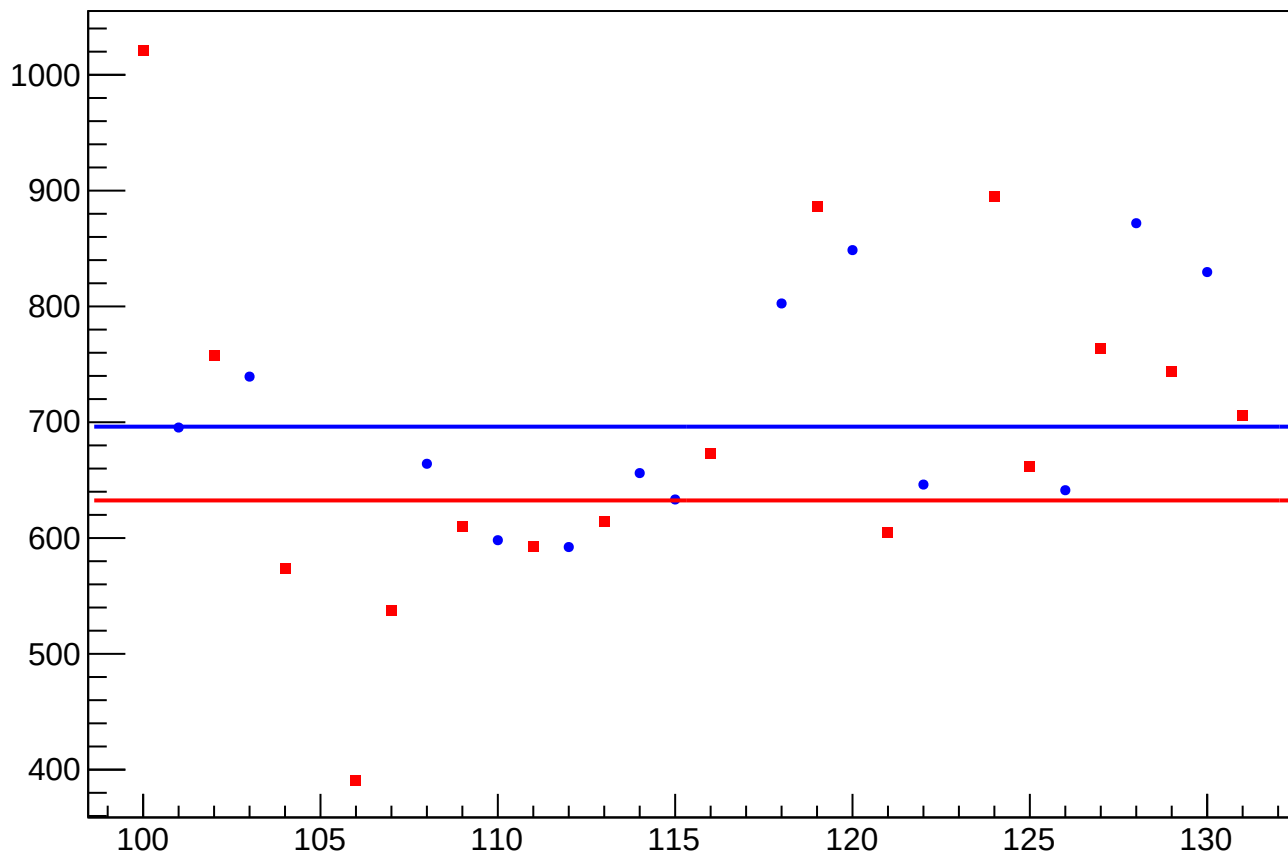
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -356.274 $\pm$ 196.510 χ^2 /NDF: 30.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_cor_correction_rms vs Slug



Right In: 696.189+/-0.213 χ^2/NDF : 176284.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 632.478+/-0.183 χ^2/NDF : 458172.4/15

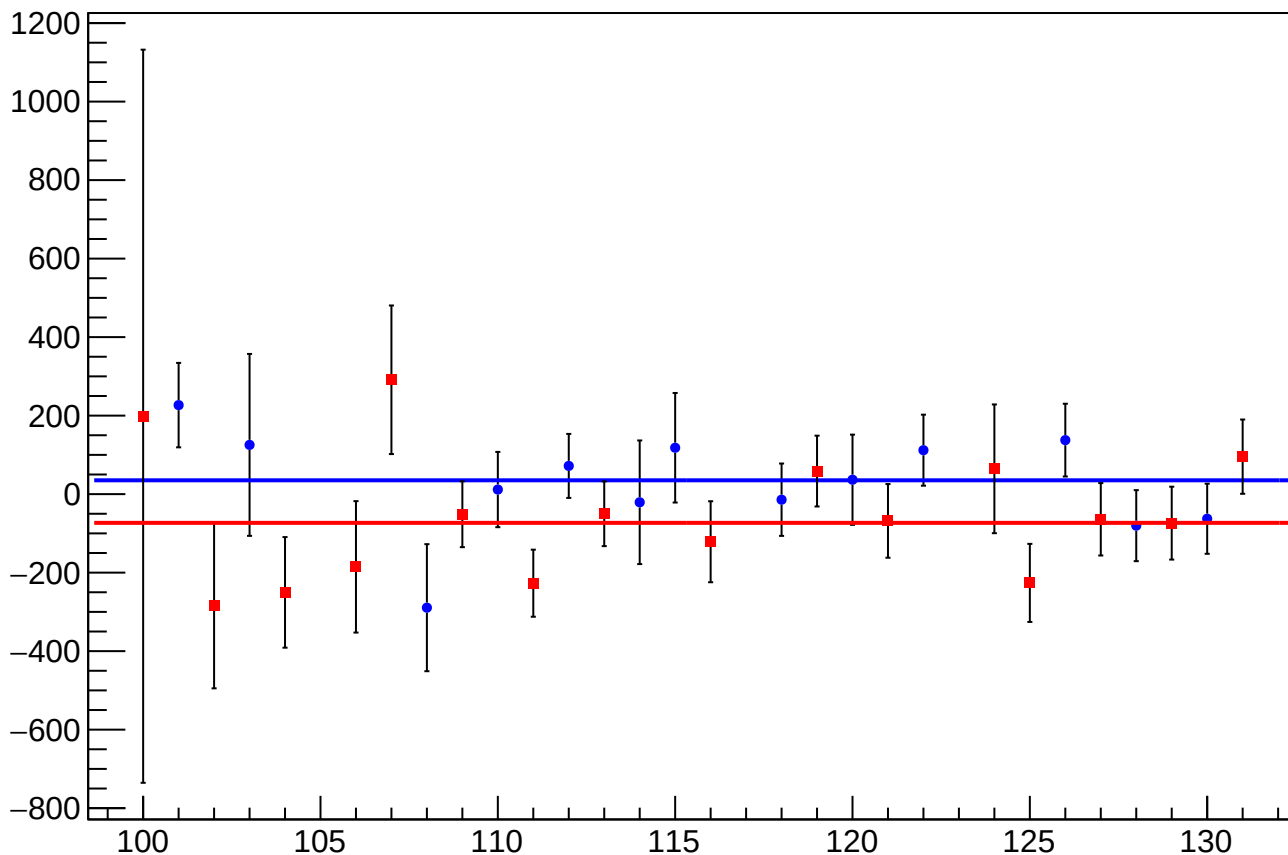
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 659.616+/-0.139 χ^2/NDF : 685862.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_37_dd_mean vs Slug



Right In: 35.221+/-29.189 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -73.175+/-26.945 χ^2/NDF : 18.8/15

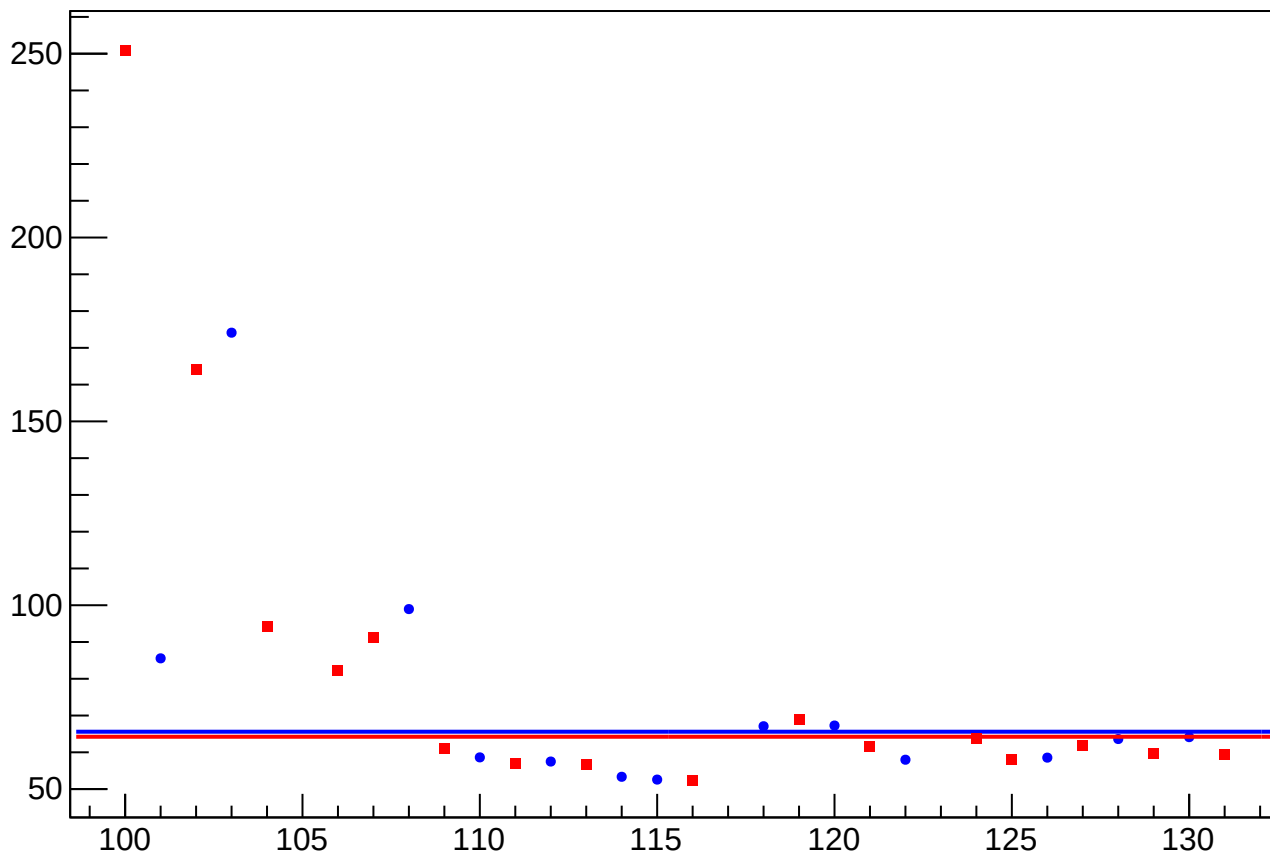
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.304+/-19.799 χ^2/NDF : 39.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_37_dd_rms vs Slug



Right In: 65.602 $\pm$ 0.021 χ^2 /NDF: 680507.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 64.234 $\pm$ 0.019 χ^2 /NDF: 768681.4/15

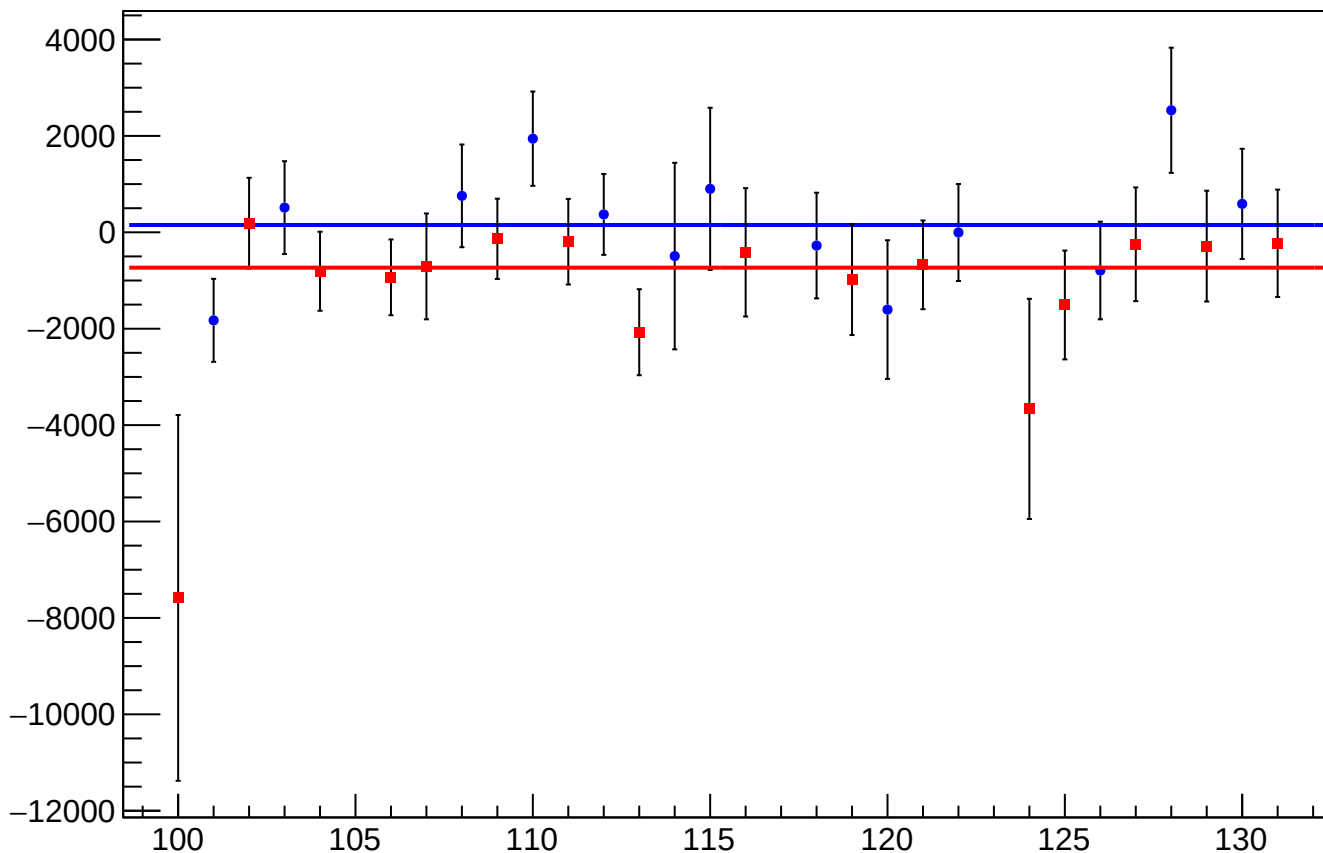
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 64.863 $\pm$ 0.014 χ^2 /NDF: 1451561.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_cor_correction_mean vs Slug



Right In: 151.686+/-301.092 χ^2/NDF : 15.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -733.198+/-259.366 χ^2/NDF : 10.2/15

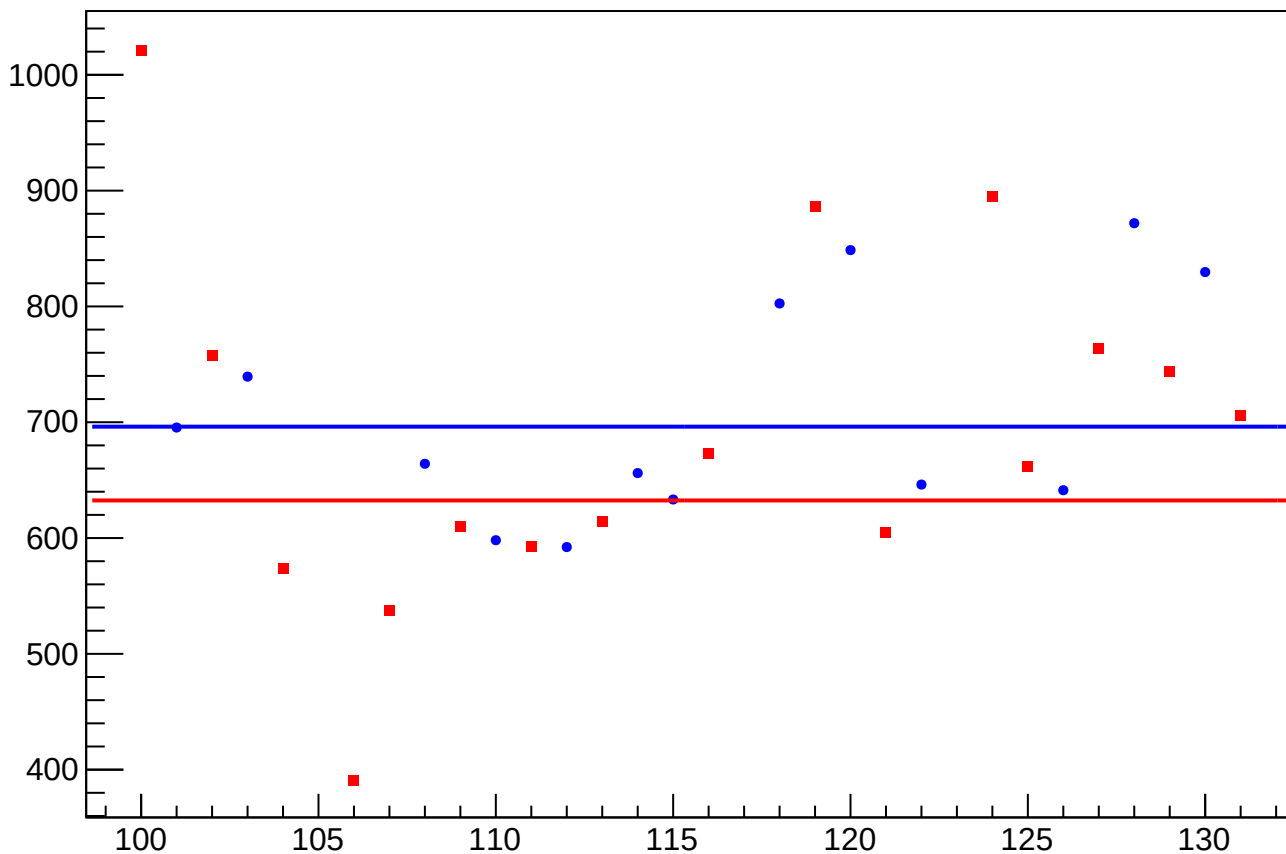
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -356.274+/-196.510 χ^2/NDF : 30.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_eigen_cor_correction_rms vs Slug



Right In: 696.189+/-0.213 χ^2/NDF : 176284.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 632.478+/-0.183 χ^2/NDF : 458172.4/15

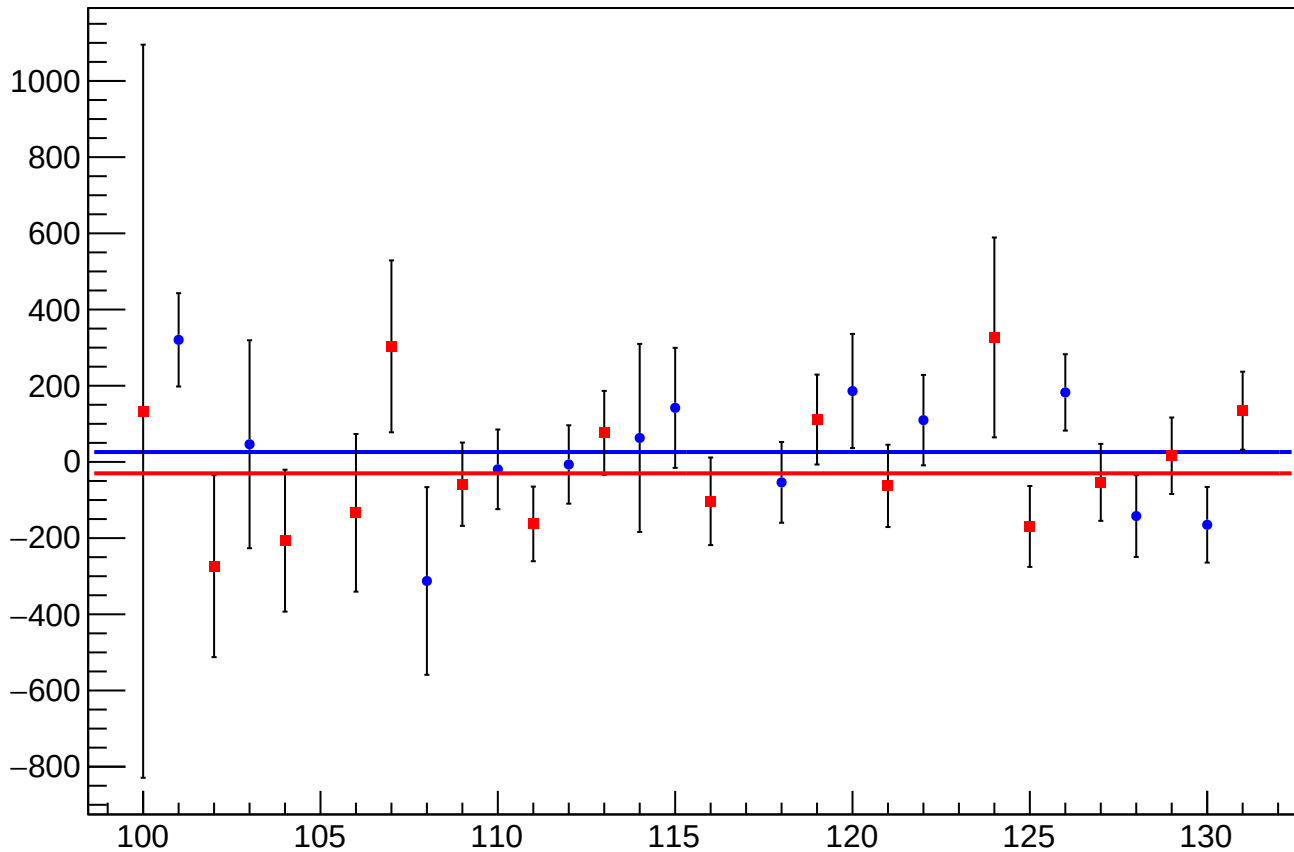
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 659.616+/-0.139 χ^2/NDF : 685862.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_mean vs Slug



Right In: 25.948 $\pm$ 34.678 χ^2 /NDF: 19.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -29.921 $\pm$ 31.785 χ^2 /NDF: 15.6/15

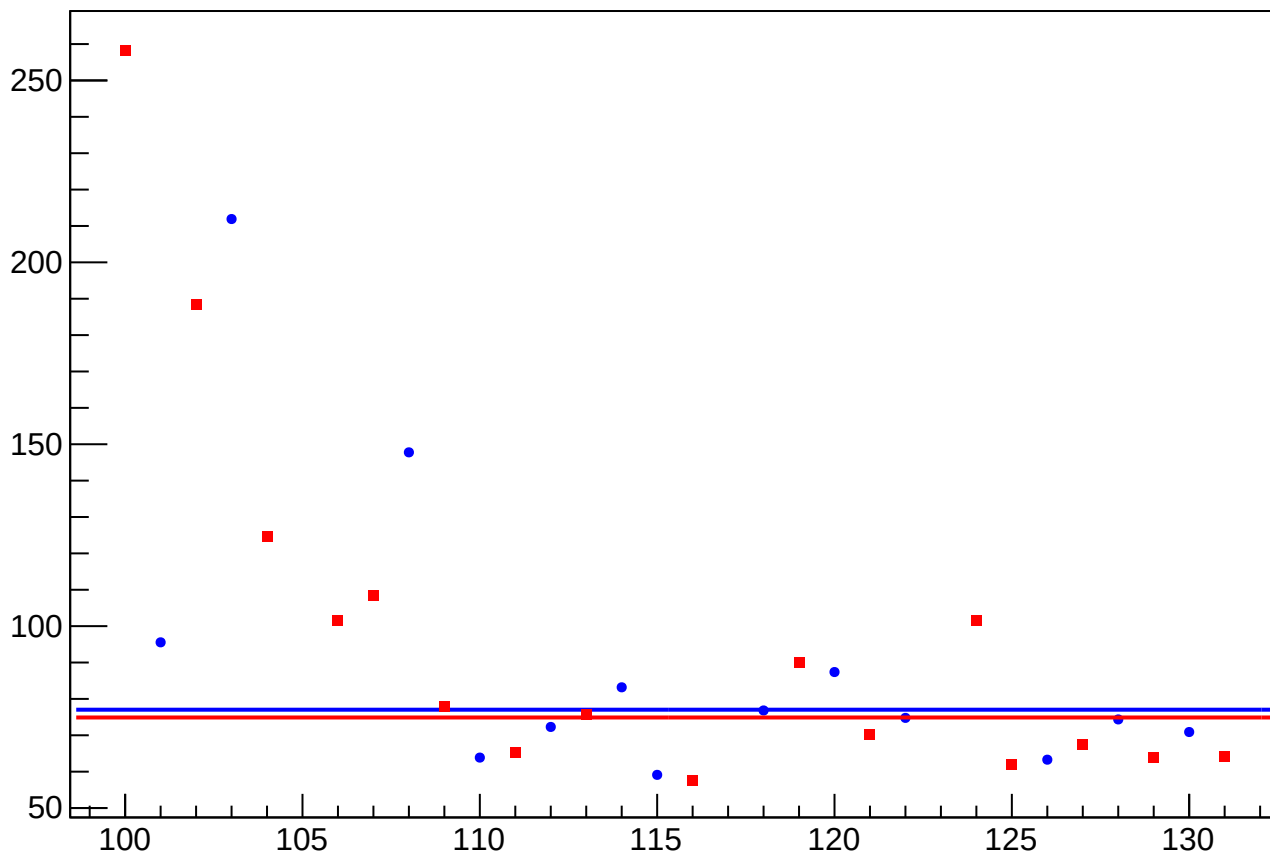
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4.414 $\pm$ 23.431 χ^2 /NDF: 36.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_37_dd_rms vs Slug



Right In: 77.032 $\pm$ 0.025 χ^2 /NDF: 818871.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 74.891 $\pm$ 0.022 χ^2 /NDF: 955788.9/15

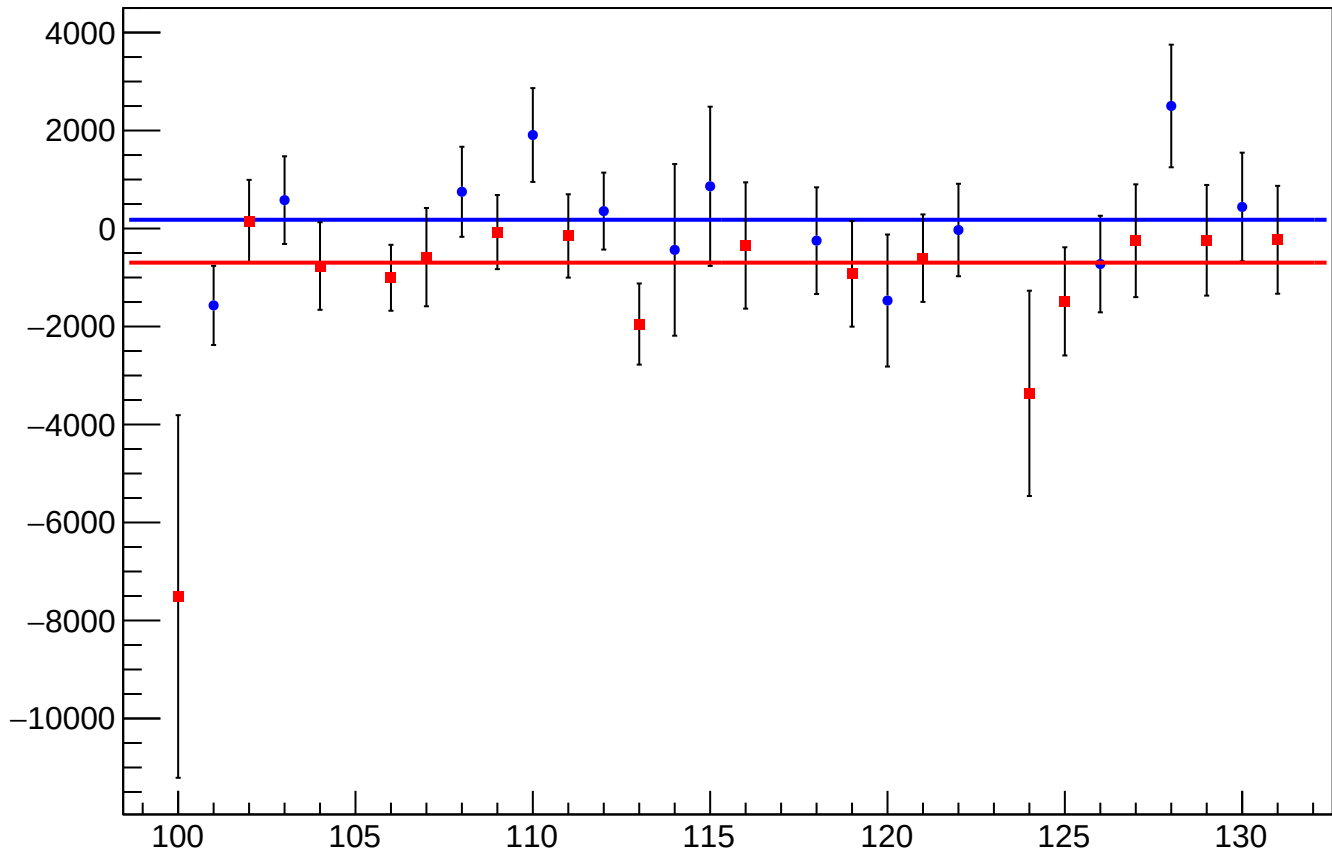
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 75.869 $\pm$ 0.017 χ^2 /NDF: 1778801.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_dit_correction_mean vs Slug



Right In: 178.408 $\pm$ 284.144 χ^2 /NDF: 14.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -696.523 $\pm$ 245.062 χ^2 /NDF: 10.8/15

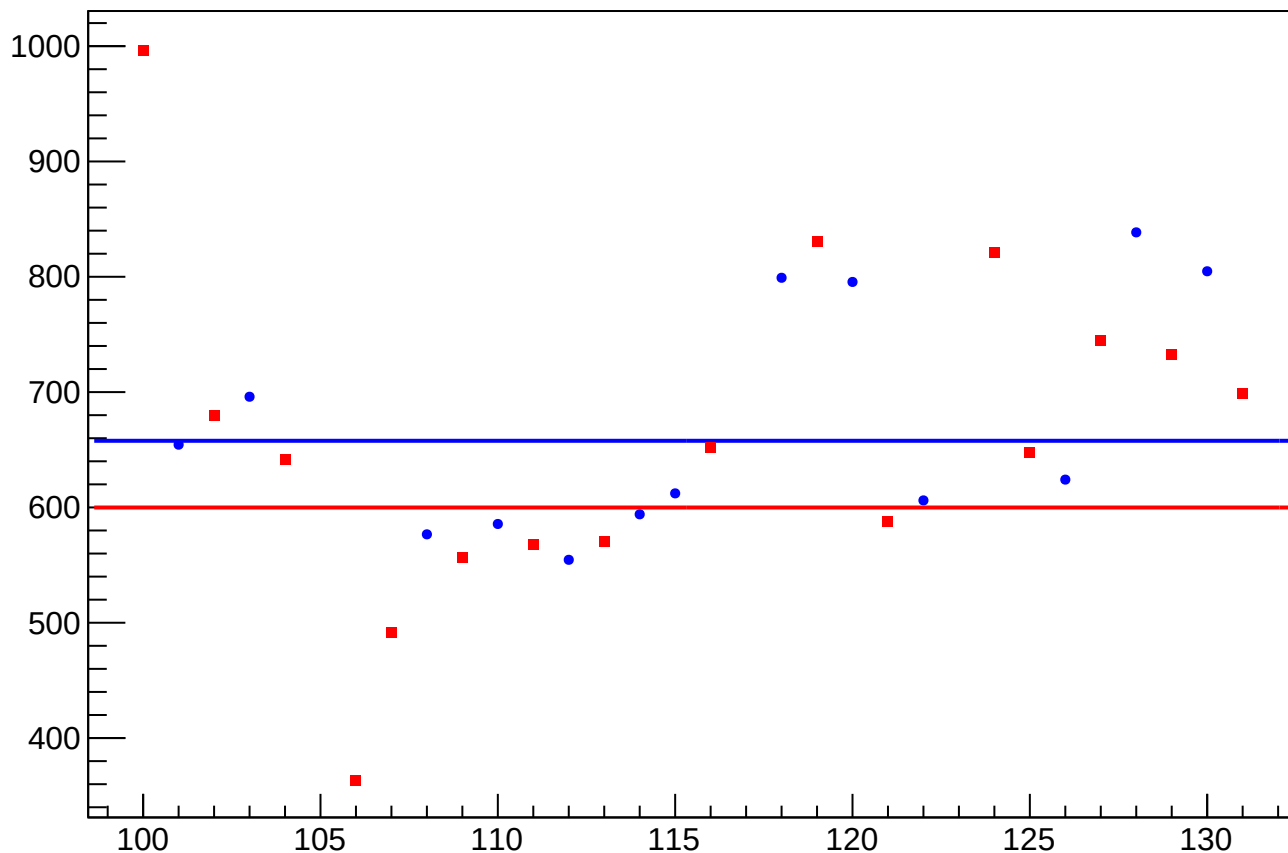
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -323.322 $\pm$ 185.577 χ^2 /NDF: 31.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_dit_correction_rms vs Slug



Right In: 657.779 $\pm$ 0.201 χ^2 /NDF: 209332.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 599.926 $\pm$ 0.173 χ^2 /NDF: 524280.3/15

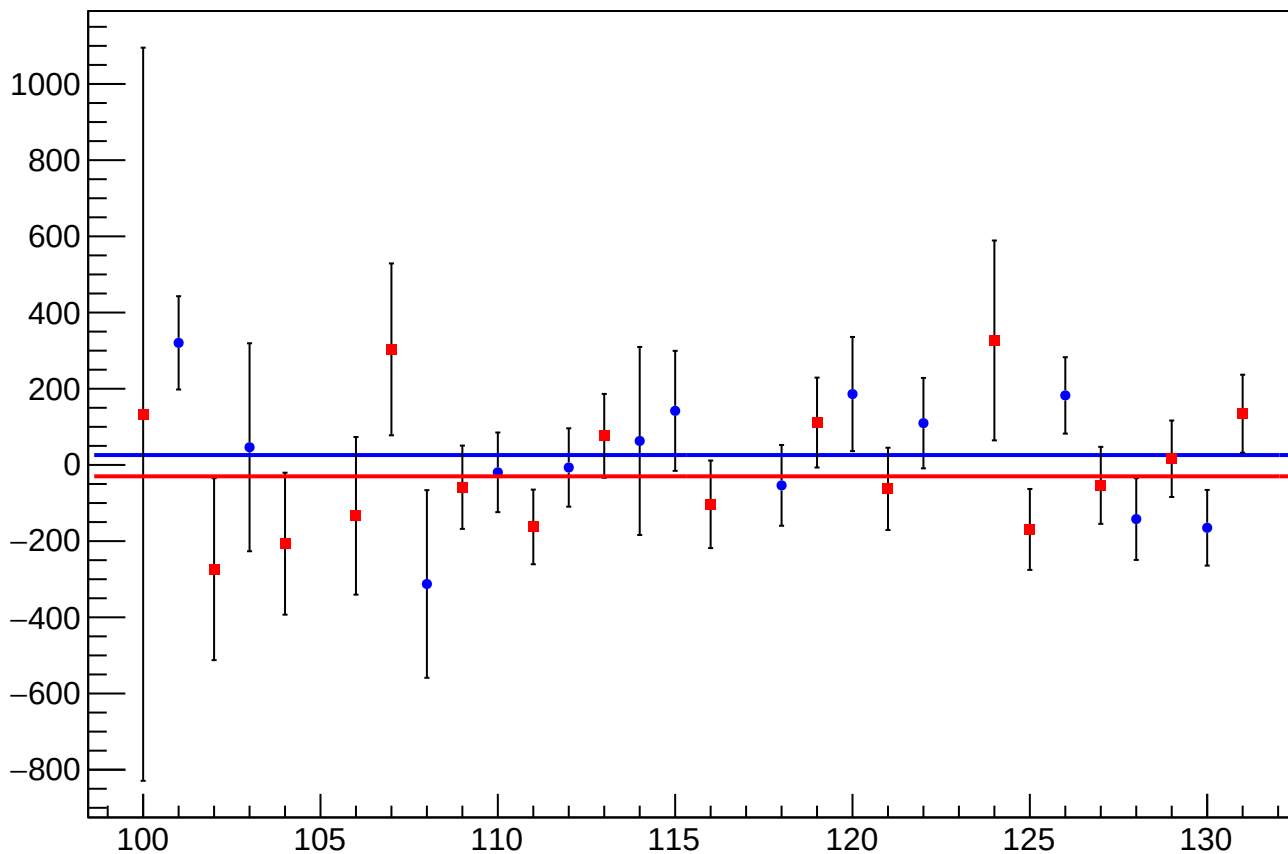
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 624.603 $\pm$ 0.131 χ^2 /NDF: 781158.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_37_dd_mean vs Slug



Right In: 25.947 $\pm$ 34.678 χ^2 /NDF: 19.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -29.920 $\pm$ 31.785 χ^2 /NDF: 15.6/15

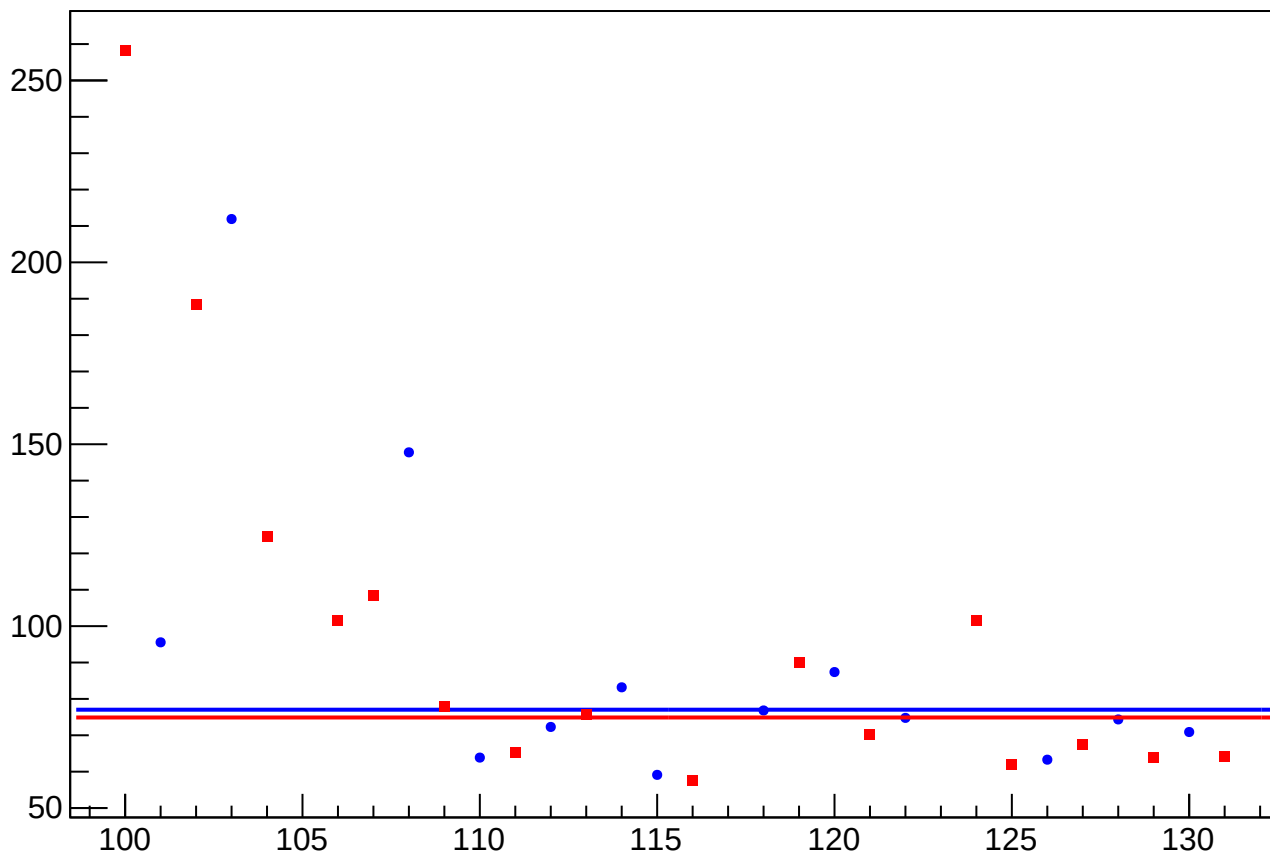
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4.414 $\pm$ 23.431 χ^2 /NDF: 36.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_37_dd_rms vs Slug



Right In: 77.032+/-0.025 χ^2/NDF : 818869.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.892+/-0.022 χ^2/NDF : 955774.6/15

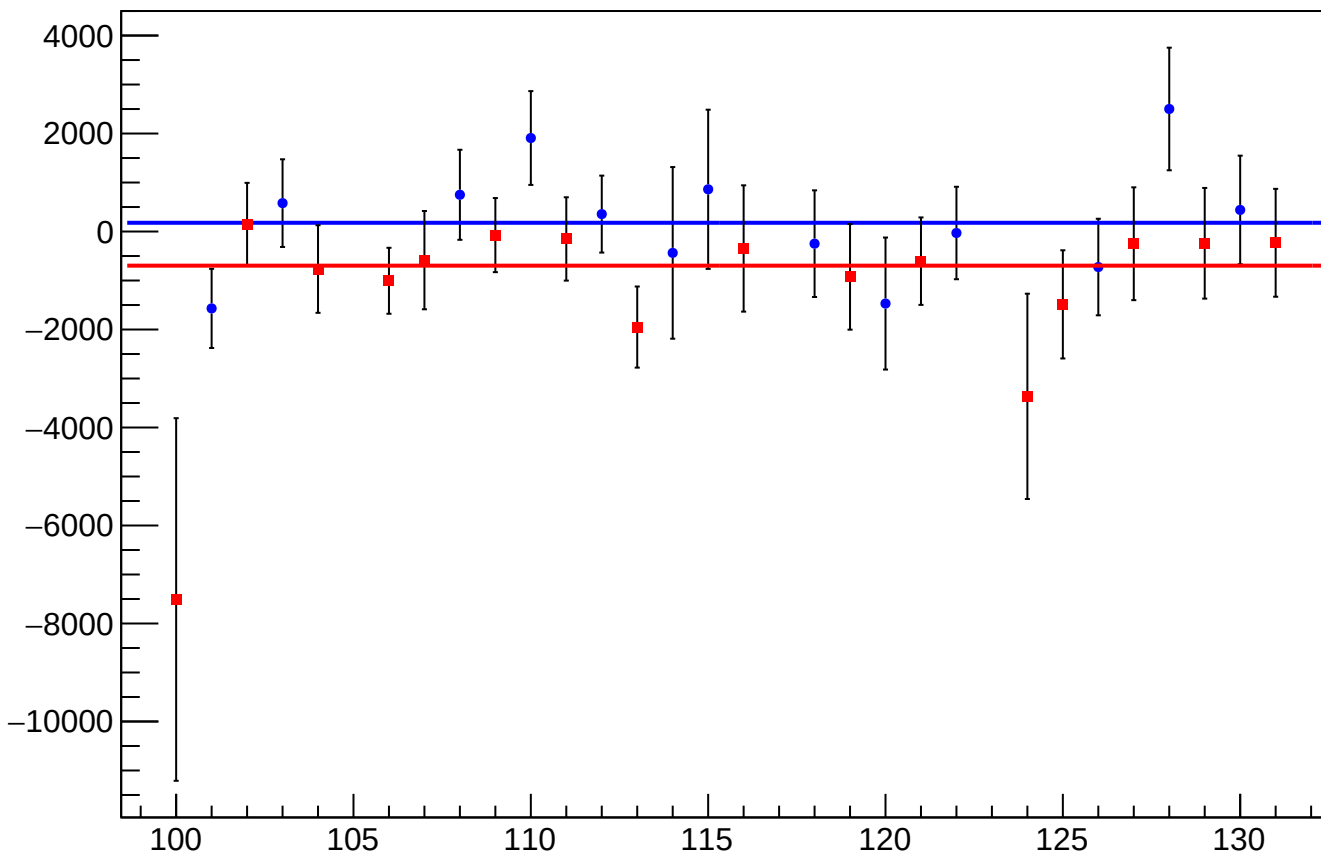
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.869+/-0.017 χ^2/NDF : 1778784.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_eigen_dit_correction_mean vs Slug



Right In: 178.407 $\pm$ 284.144 χ^2 /NDF: 14.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -696.522 $\pm$ 245.061 χ^2 /NDF: 10.8/15

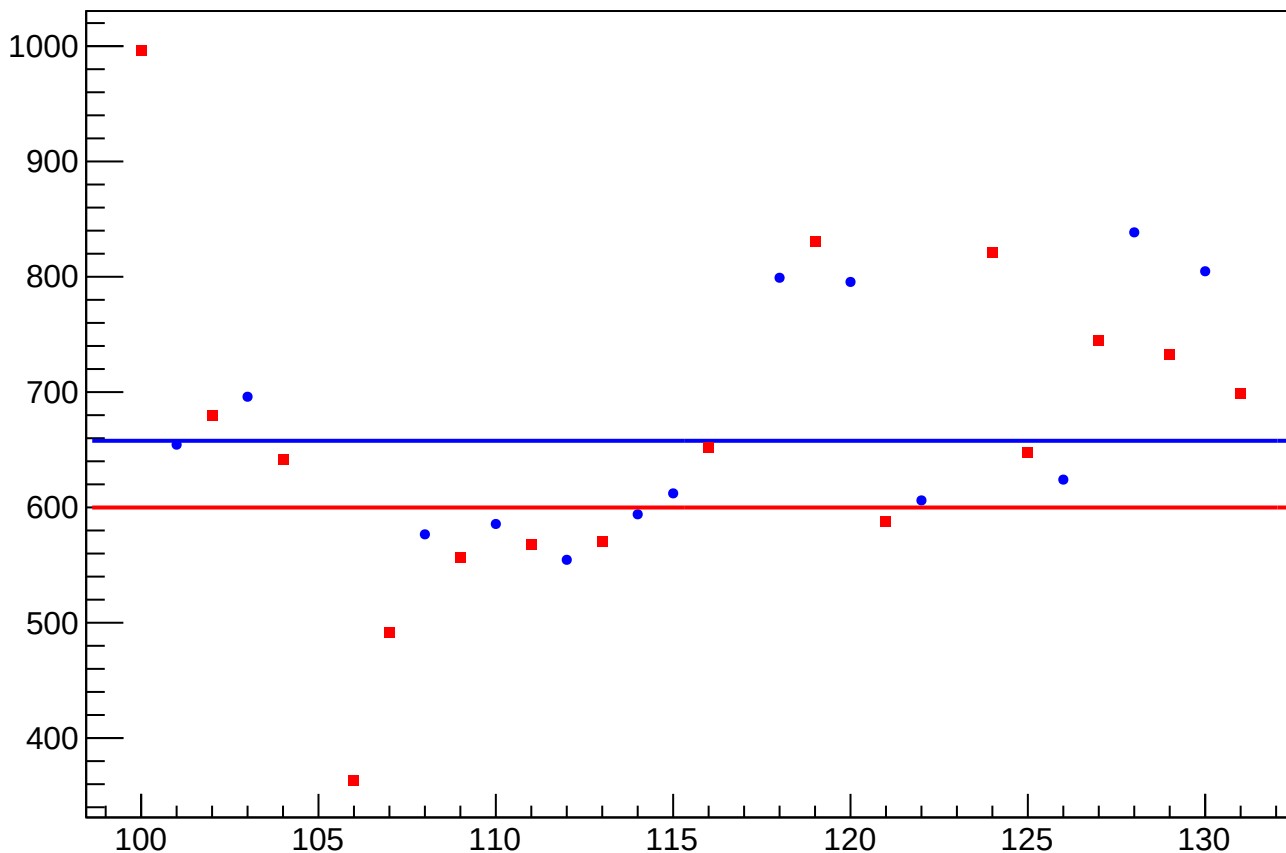
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -323.322 $\pm$ 185.577 χ^2 /NDF: 31.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_dit_correction_rms vs Slug



Right In: 657.779+/-0.201 χ^2/NDF : 209336.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 599.925+/-0.173 χ^2/NDF : 524282.4/15

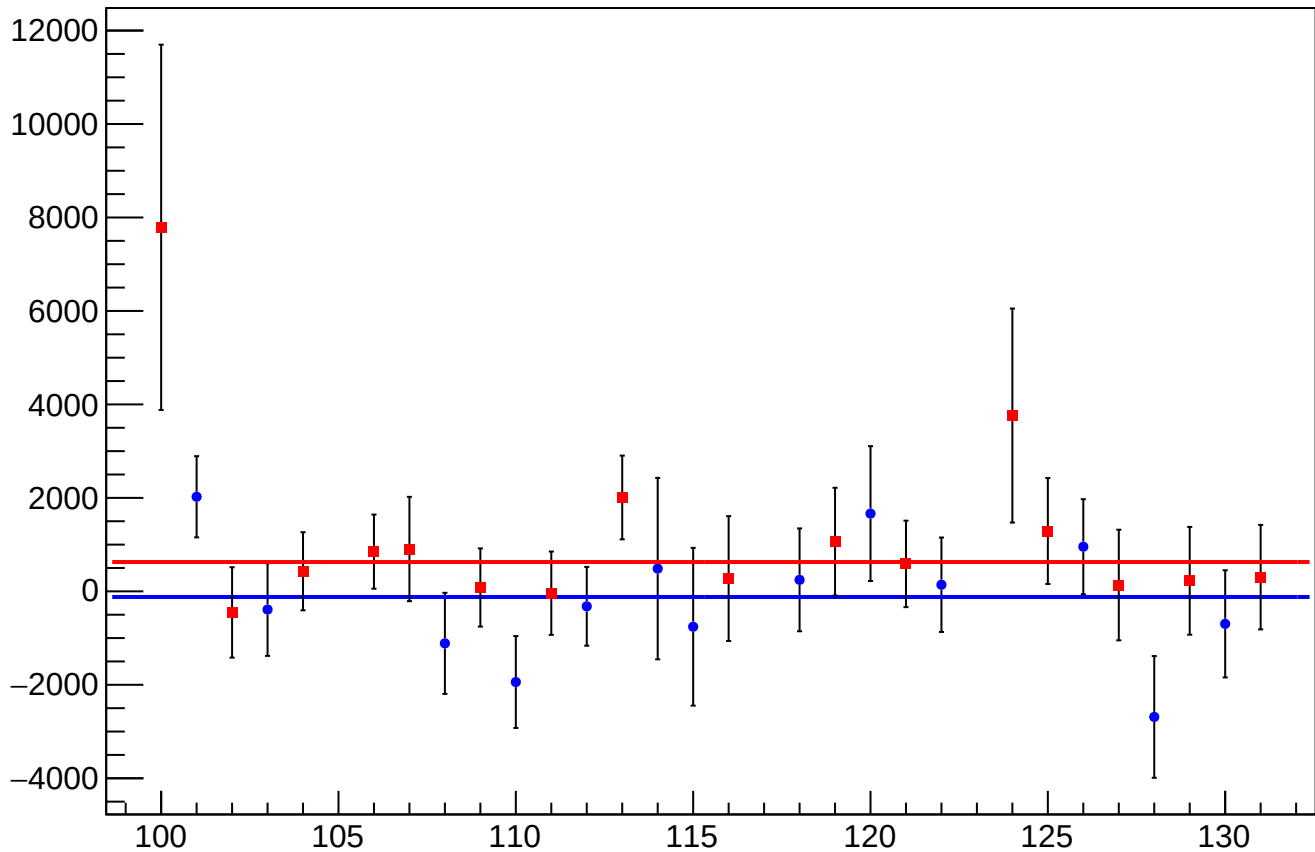
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 624.603+/-0.131 χ^2/NDF : 781164.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_mean vs Slug



Right In: -120.816+/-303.485 χ^2 /NDF: 17.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 627.189+/-261.662 χ^2 /NDF: 11.0/15

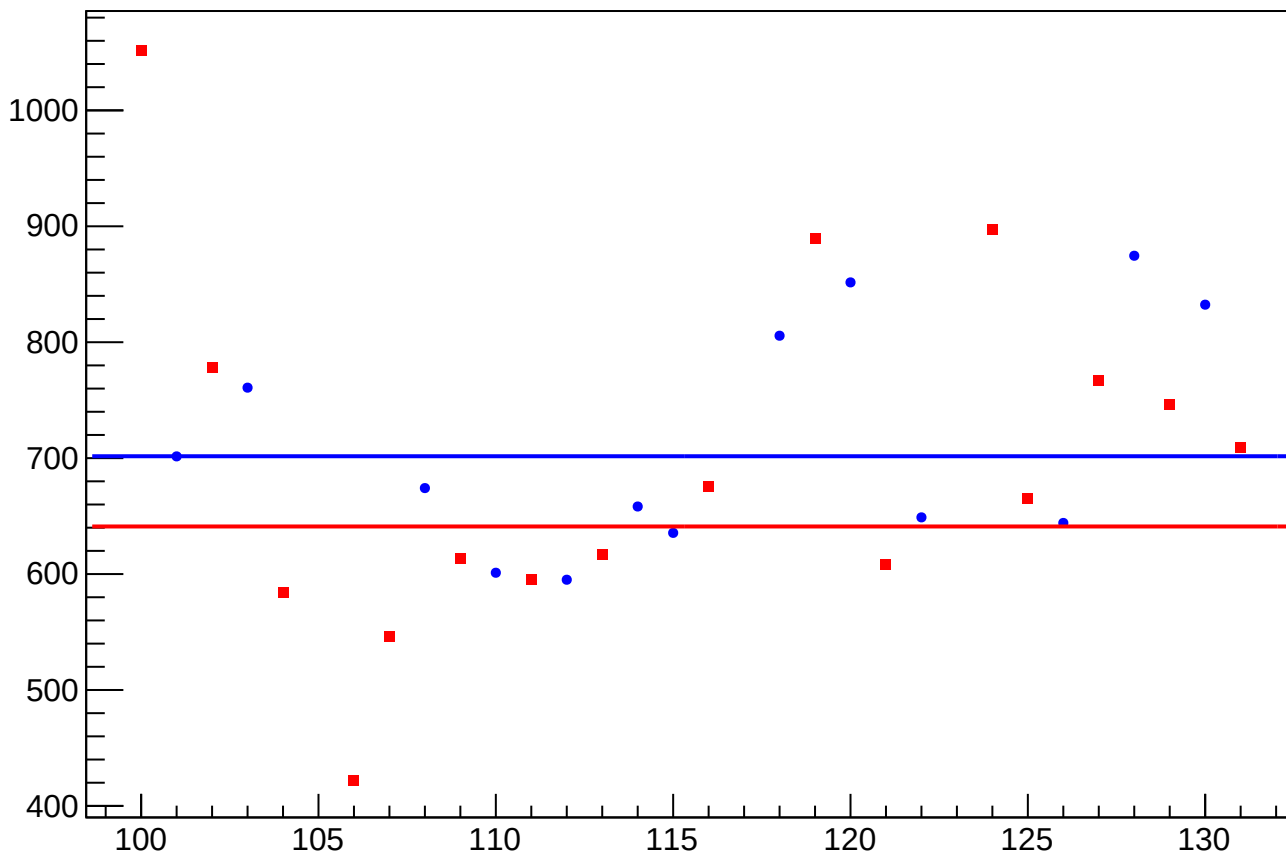
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 308.240+/-198.173 χ^2 /NDF: 32.1/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_rms vs Slug



Right In: 701.641 $\pm$ 0.215 χ^2 /NDF: 177872.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 641.054 $\pm$ 0.185 χ^2 /NDF: 415902.4/15

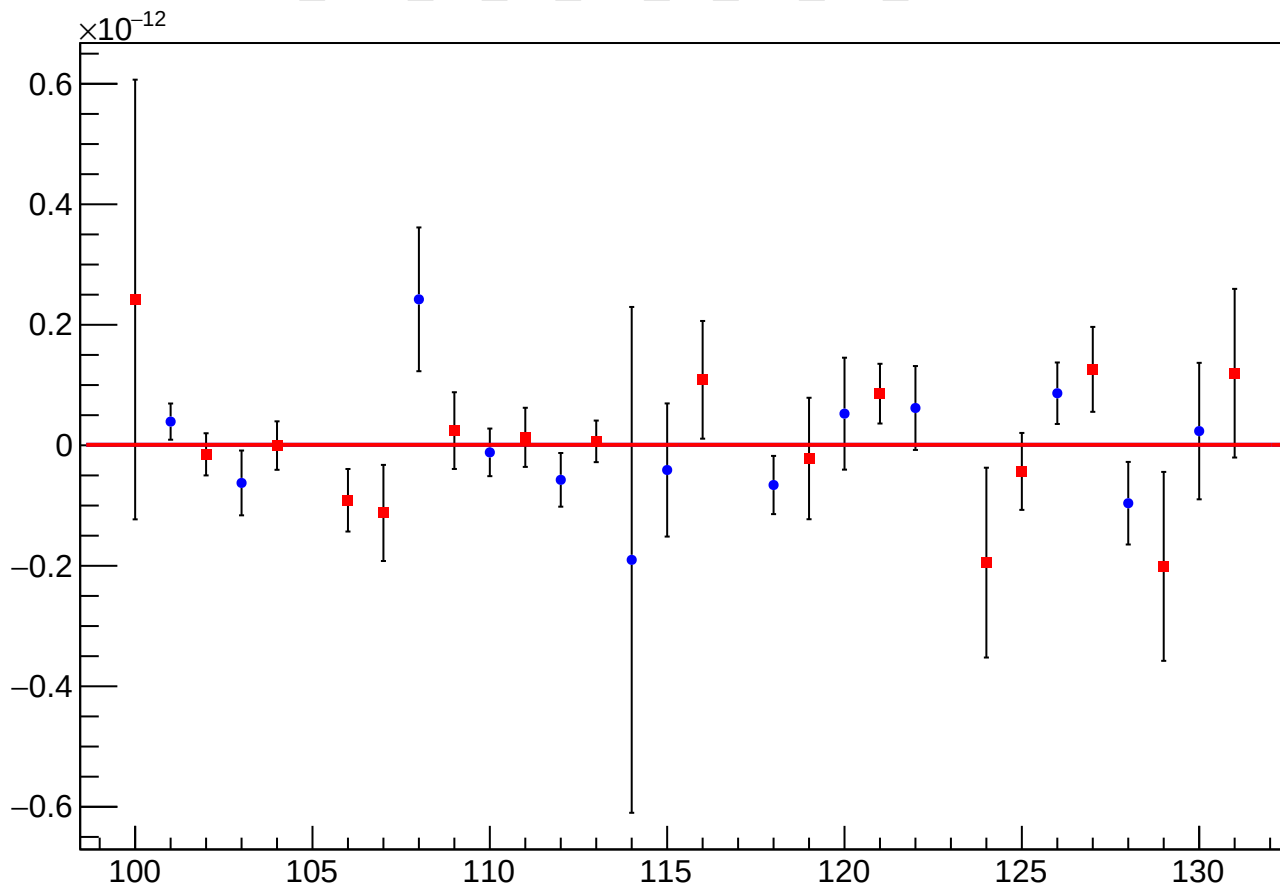
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 666.888 $\pm$ 0.140 χ^2 /NDF: 639497.9/28

- 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 $\pm$ 0.000 χ^2 /NDF: 17.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.8/15

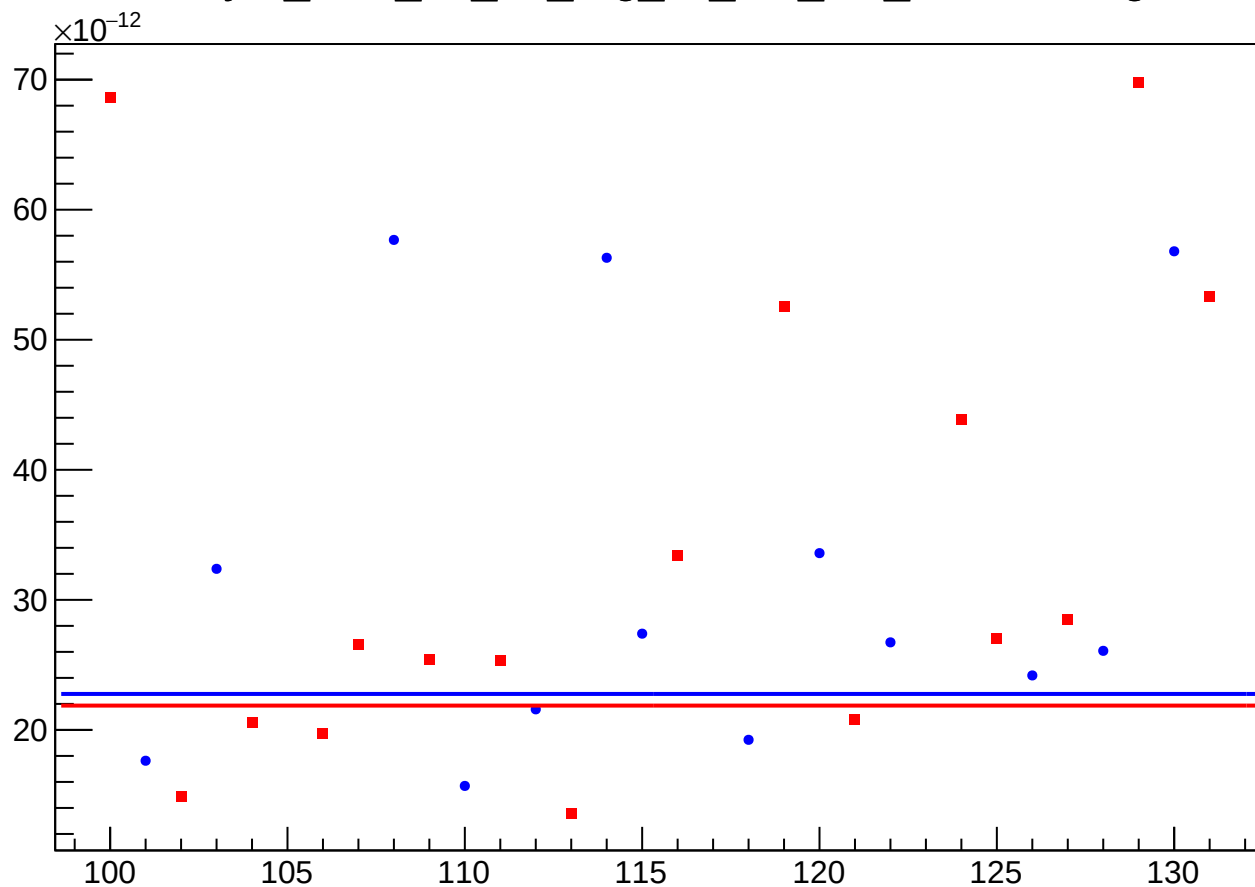
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 34.9/28

- sign 0.000 $\pm$ 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 : 606657.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 828963.3/15

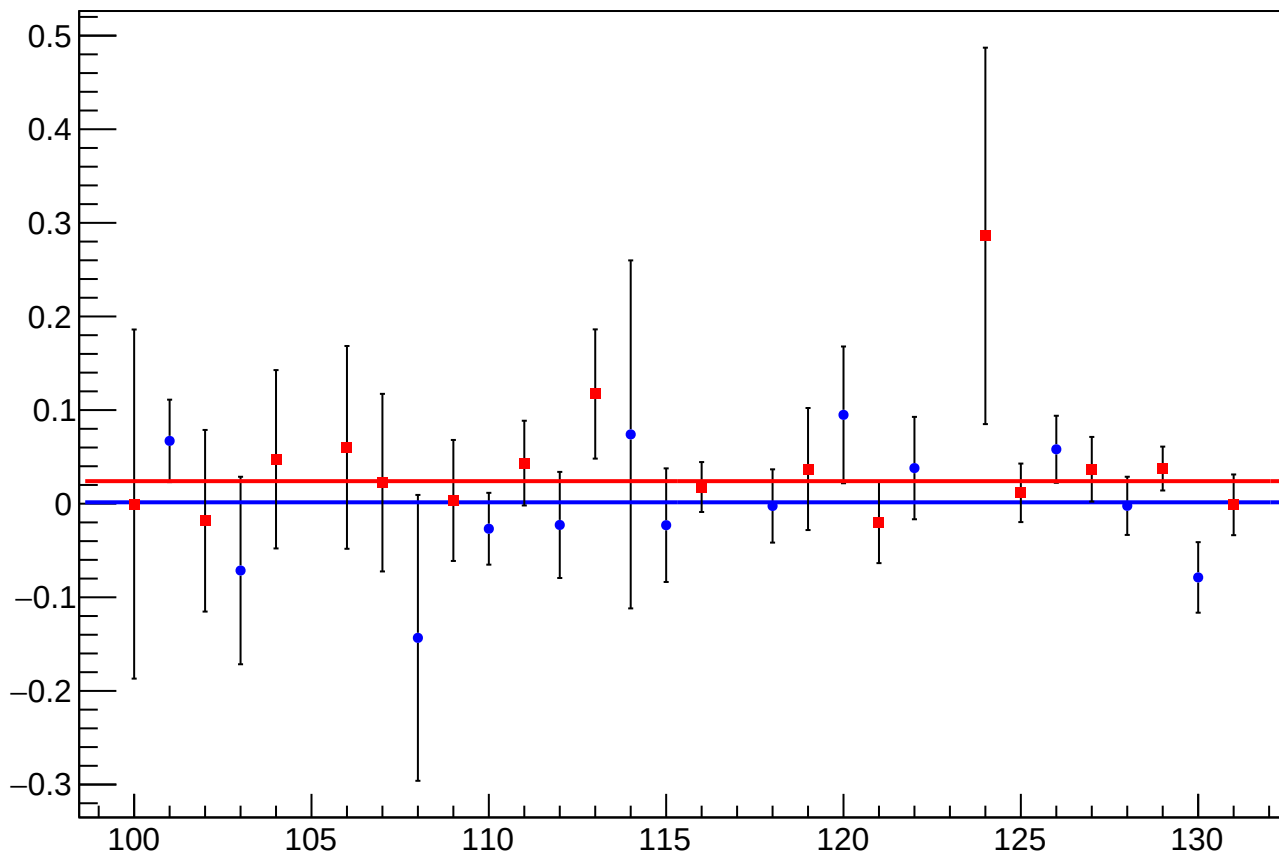
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1439157.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.001 $\pm$ 0.013 χ^2 /NDF: 13.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.024 $\pm$ 0.011 χ^2 /NDF: 6.5/15

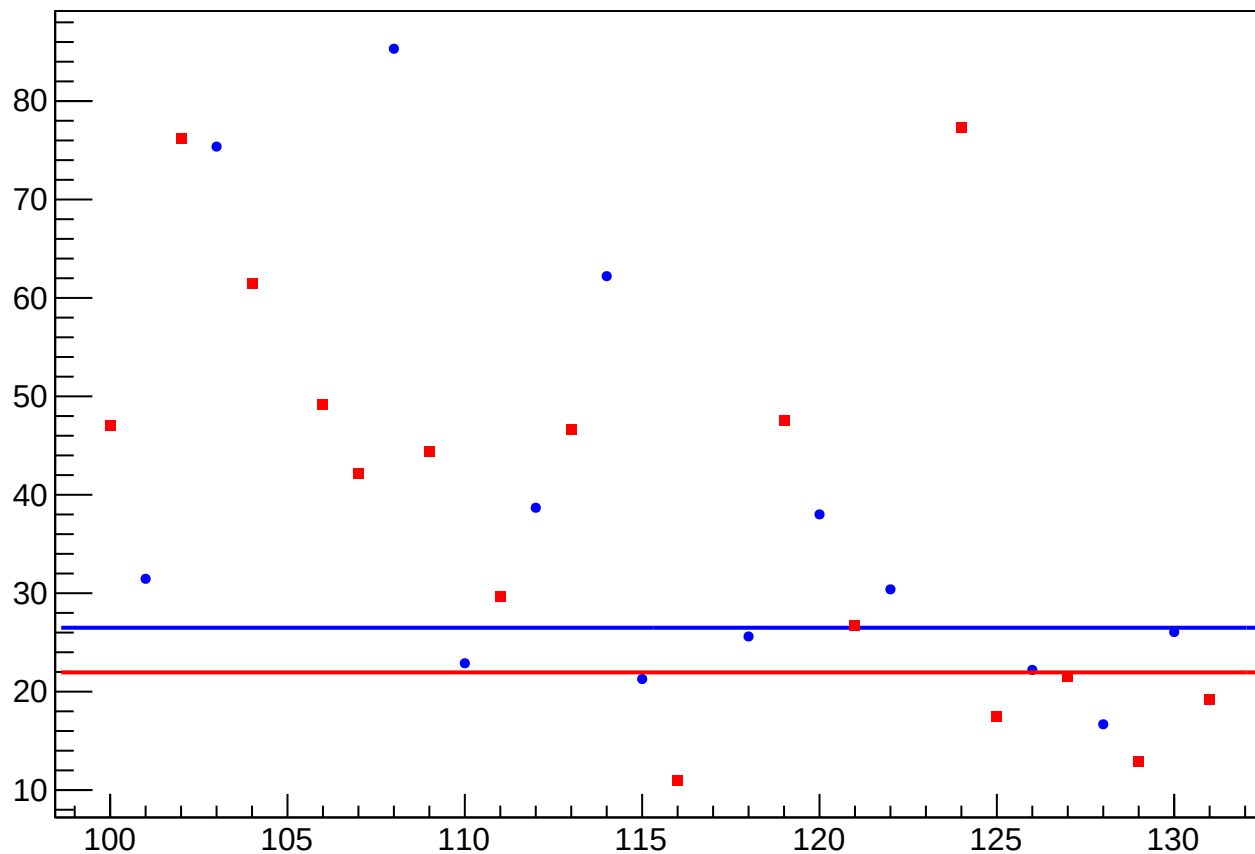
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.015 $\pm$ 0.008 χ^2 /NDF: 22.1/28

- 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: 26.492+/-0.009 χ^2/NDF : 1286919.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.956+/-0.008 χ^2/NDF : 2958110.4/15

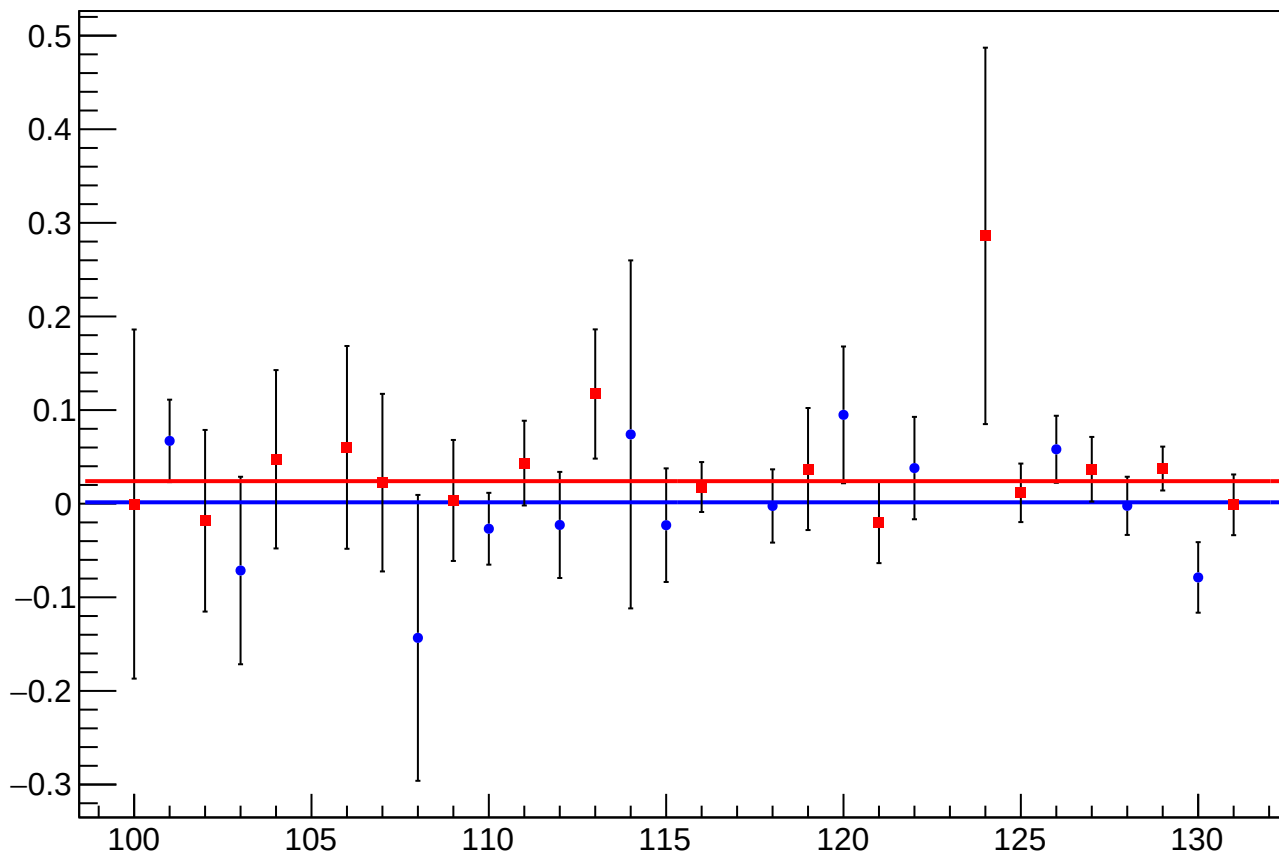
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.804+/-0.006 χ^2/NDF : 4382618.1/28

- 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: 0.001 $\pm$ 0.013 χ^2 /NDF: 13.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.024 $\pm$ 0.011 χ^2 /NDF: 6.5/15

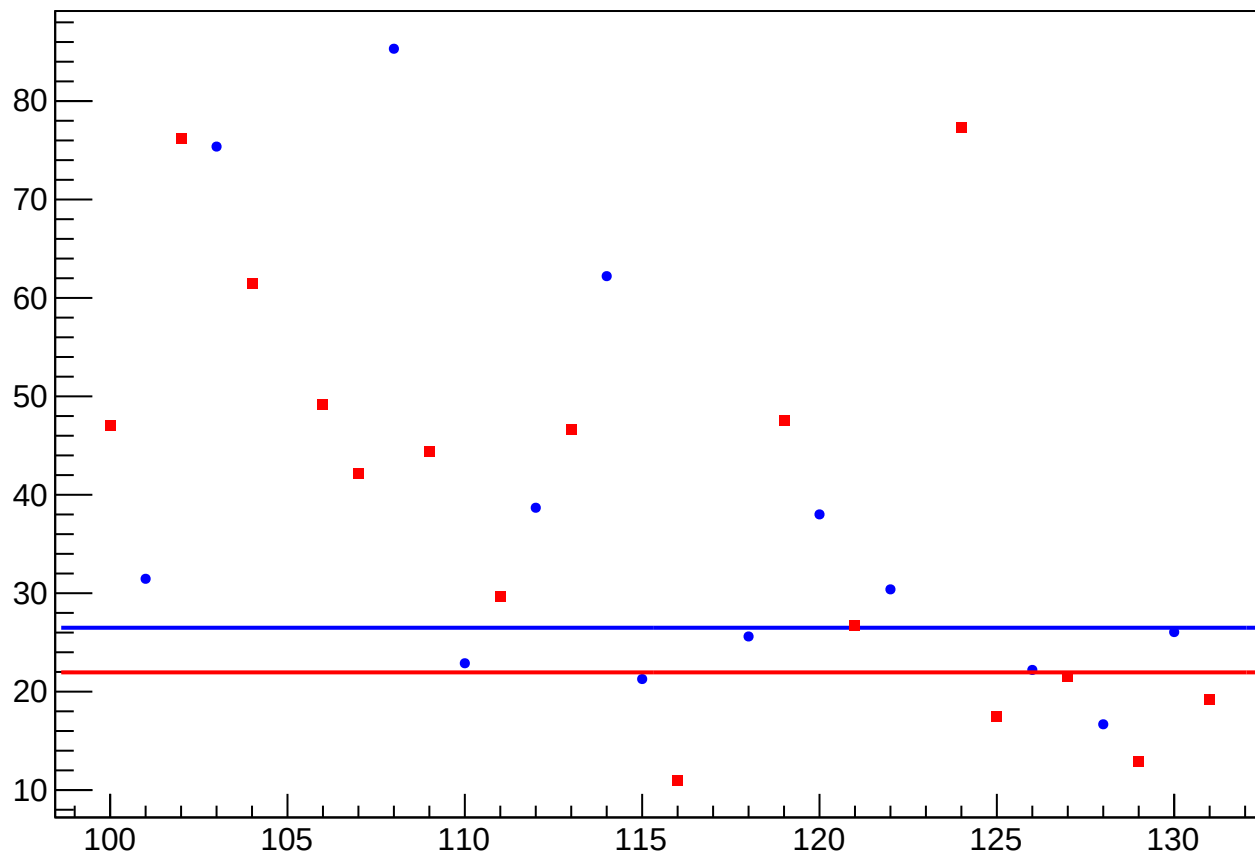
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.015 $\pm$ 0.008 χ^2 /NDF: 22.1/28

- 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: 26.492+/-0.009 χ^2/NDF : 1286919.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.956+/-0.008 χ^2/NDF : 2958110.4/15

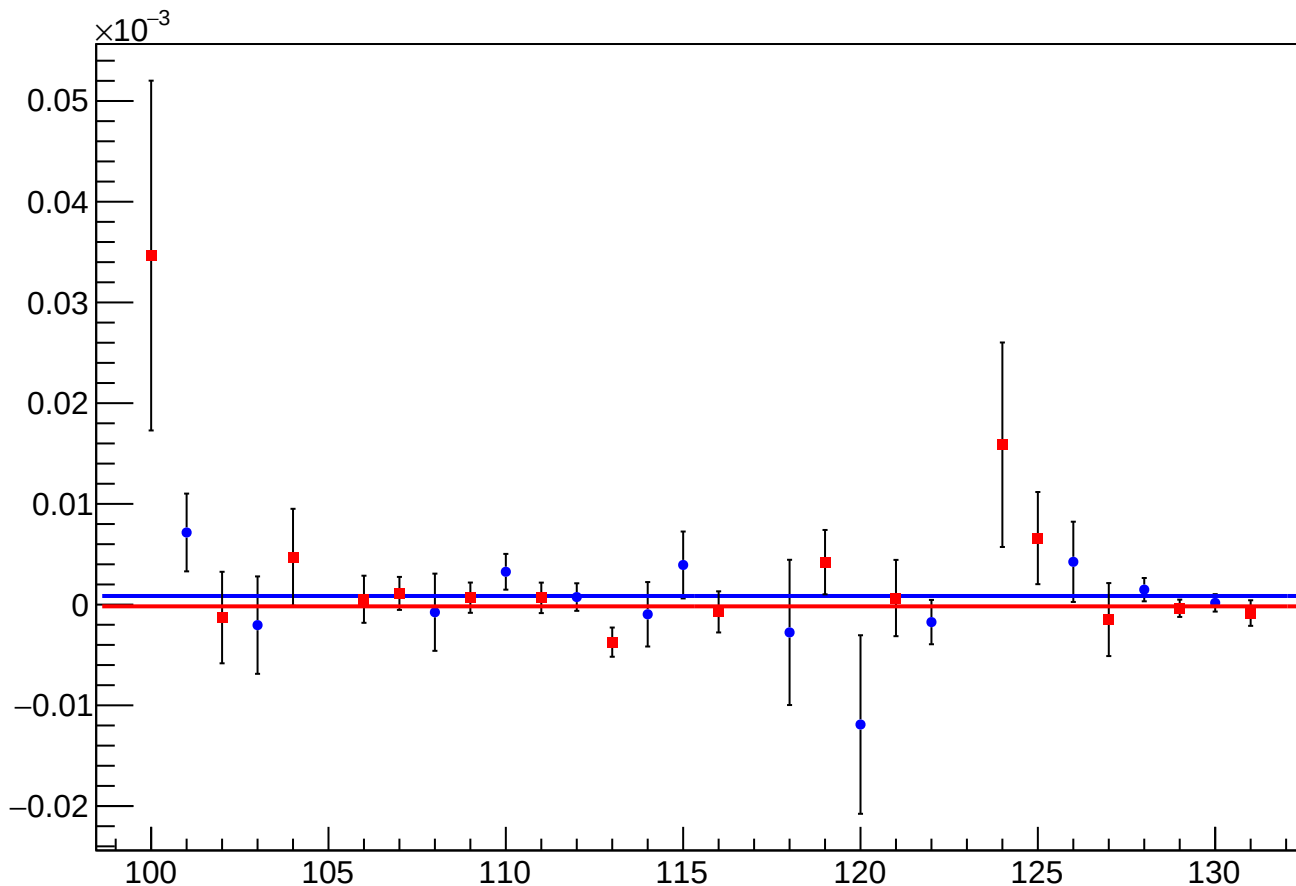
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

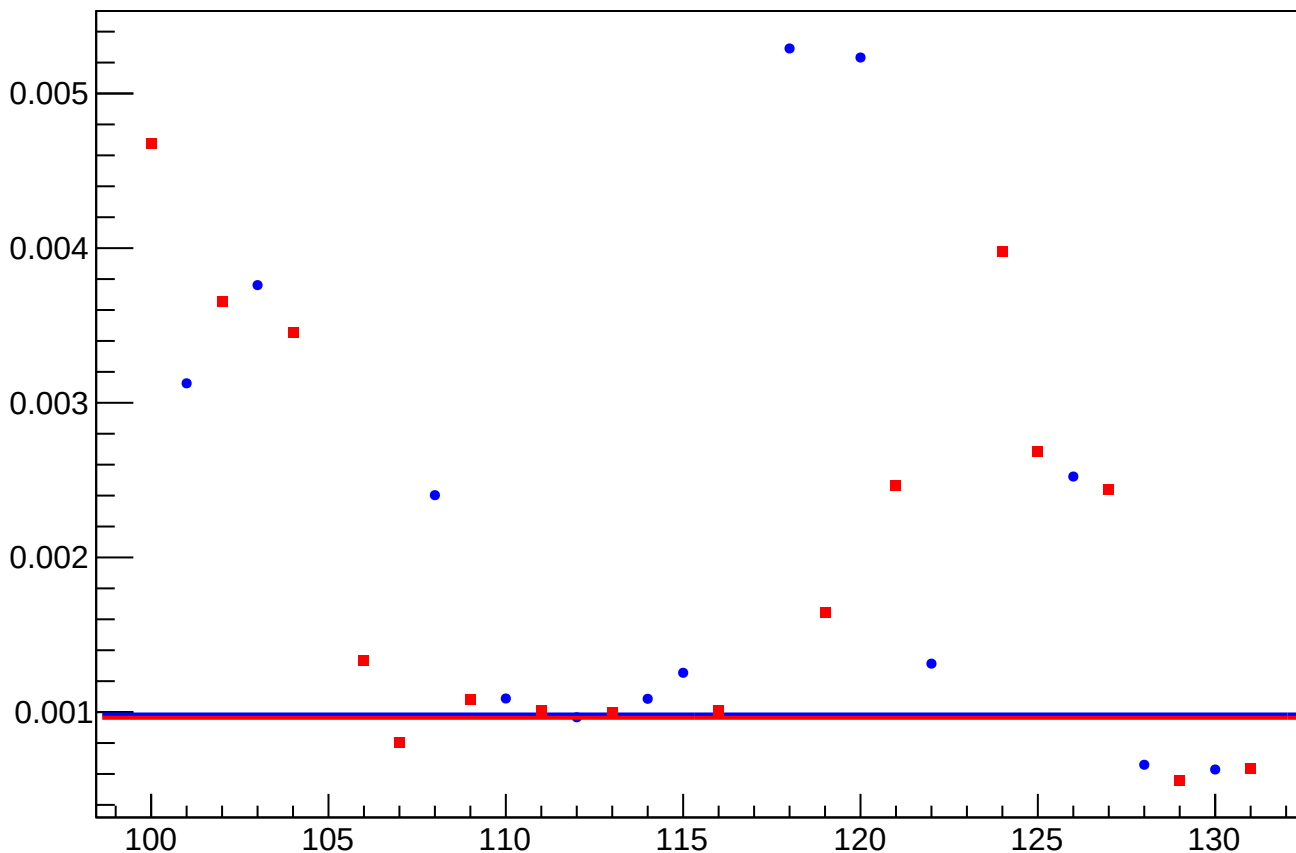
All: 23.804+/-0.006 χ^2/NDF : 4382618.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_eigen_dit_vs_dit_diff_mean vs Slug



asym_sam_37_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 3583066.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3196713.6/15

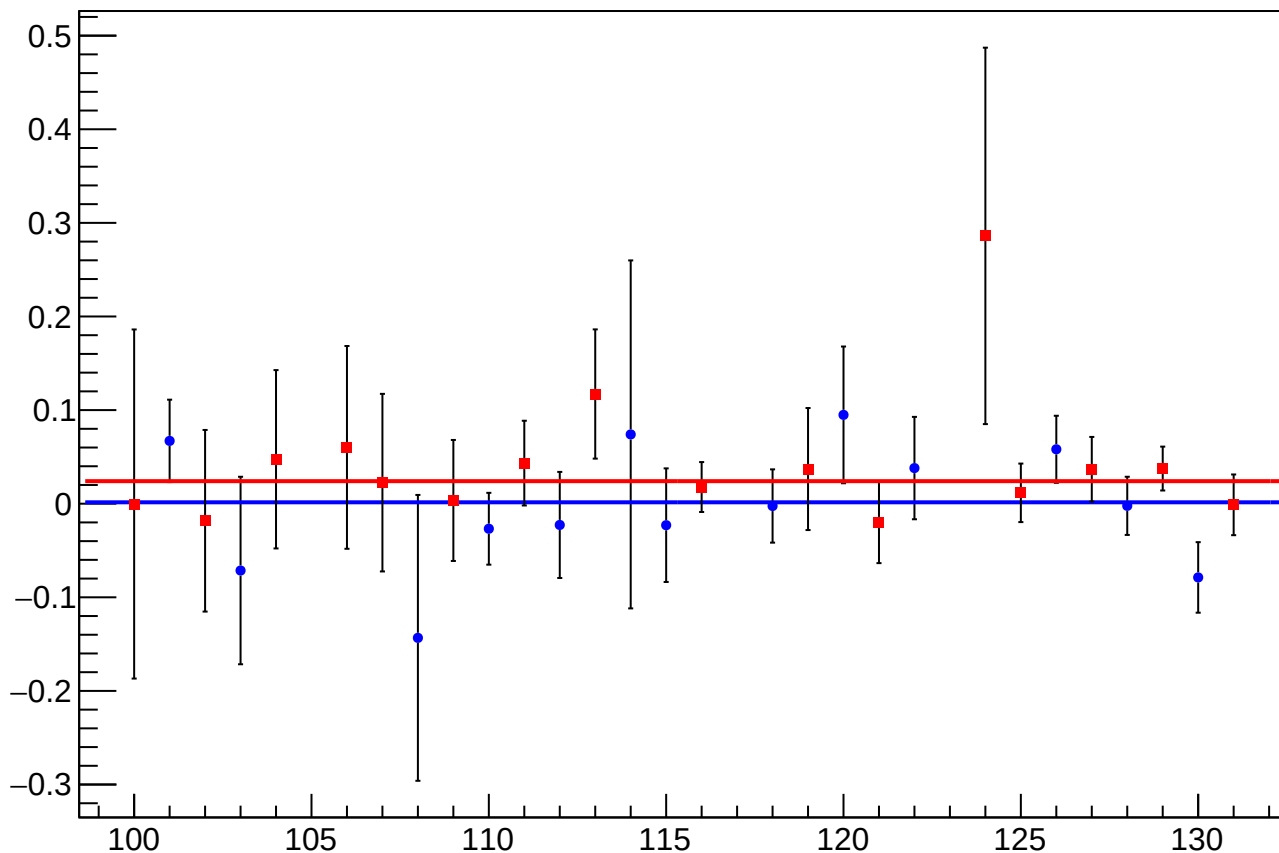
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6781606.8/28

- 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: 0.001 $\pm$ 0.013 χ^2 /NDF: 13.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.024 $\pm$ 0.011 χ^2 /NDF: 6.5/15

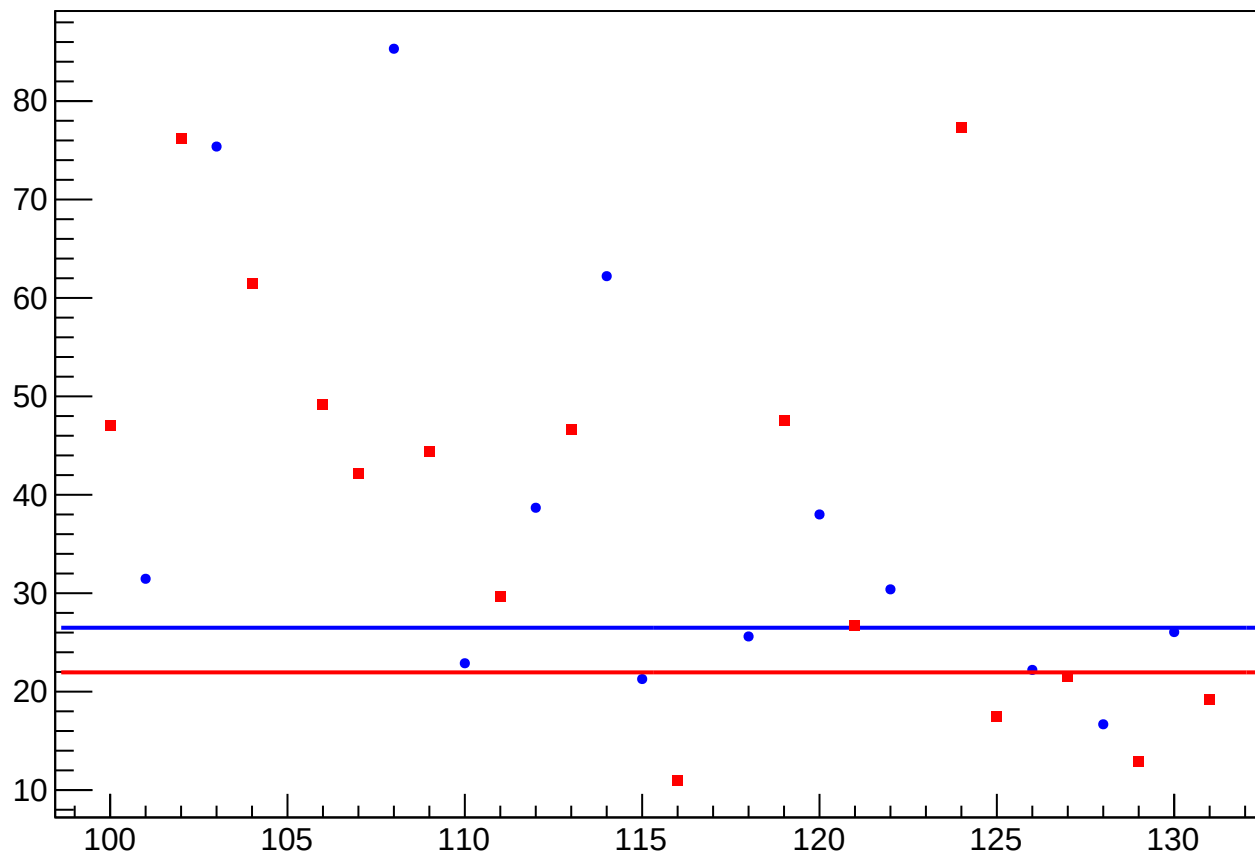
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.015 $\pm$ 0.008 χ^2 /NDF: 22.1/28

- 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: 26.492 $\pm$ 0.009 χ^2 /NDF: 1286877.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.957 $\pm$ 0.008 χ^2 /NDF: 2957970.7/15

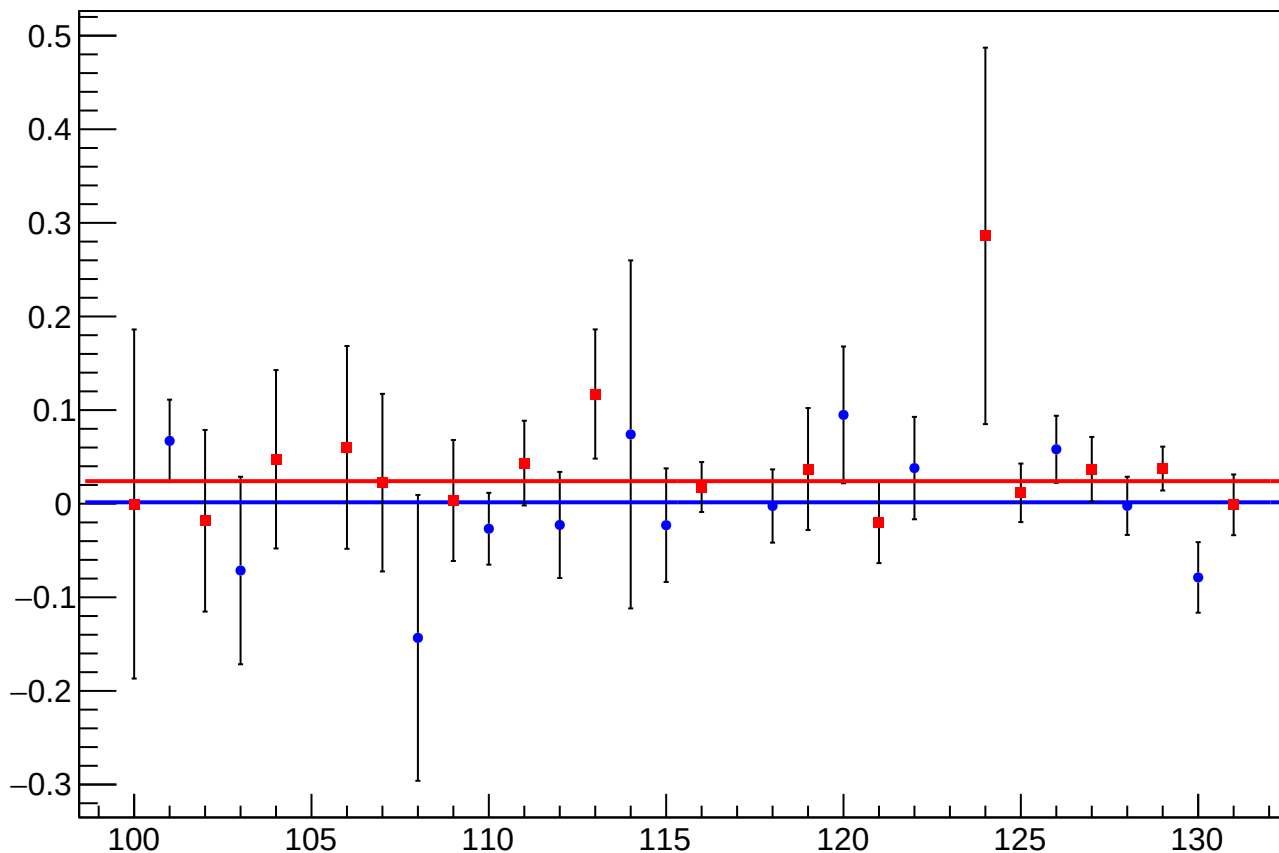
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.805 $\pm$ 0.006 χ^2 /NDF: 4382432.0/28

- 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: 0.001+/-0.013 χ^2/NDF : 13.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.024+/-0.011 χ^2/NDF : 6.5/15

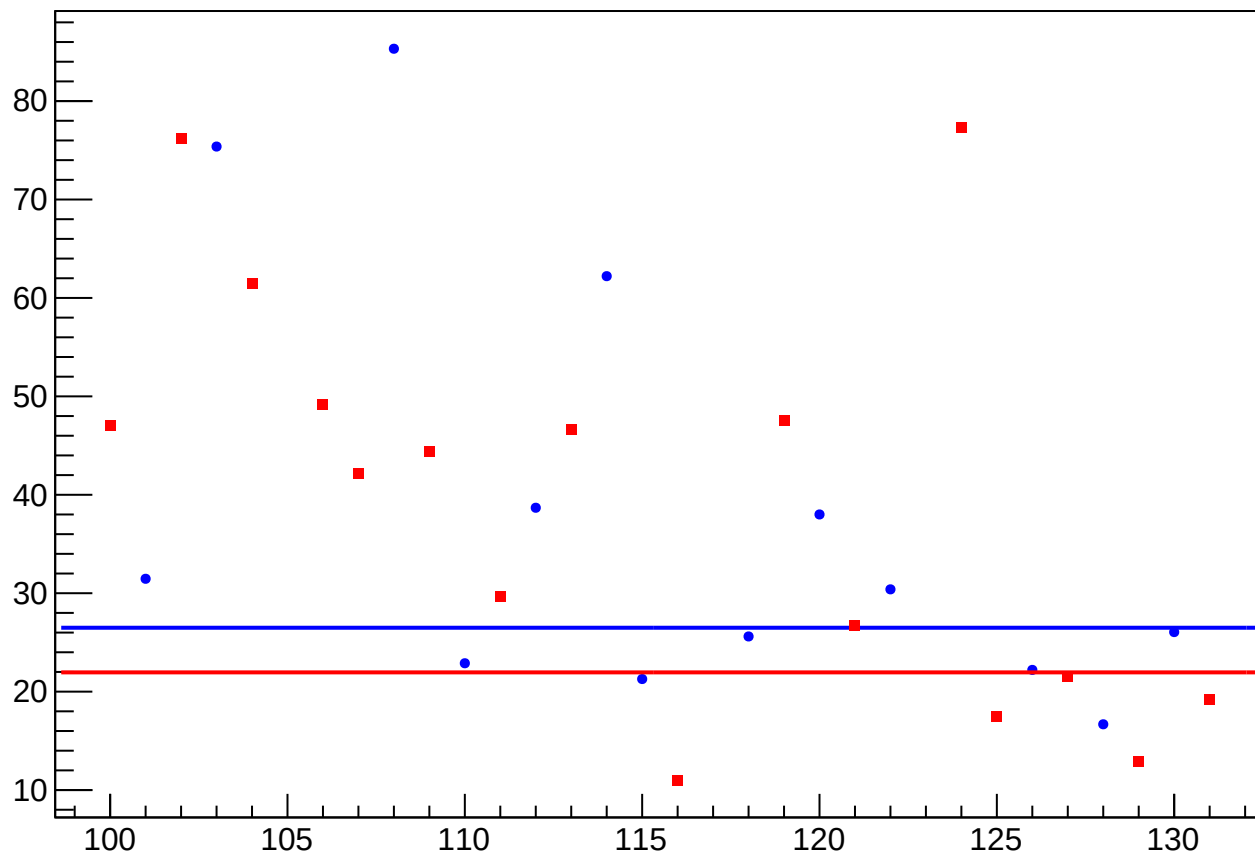
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.008 χ^2/NDF : 22.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 26.492+/-0.009 χ^2/NDF : 1286877.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.957+/-0.008 χ^2/NDF : 2957970.7/15

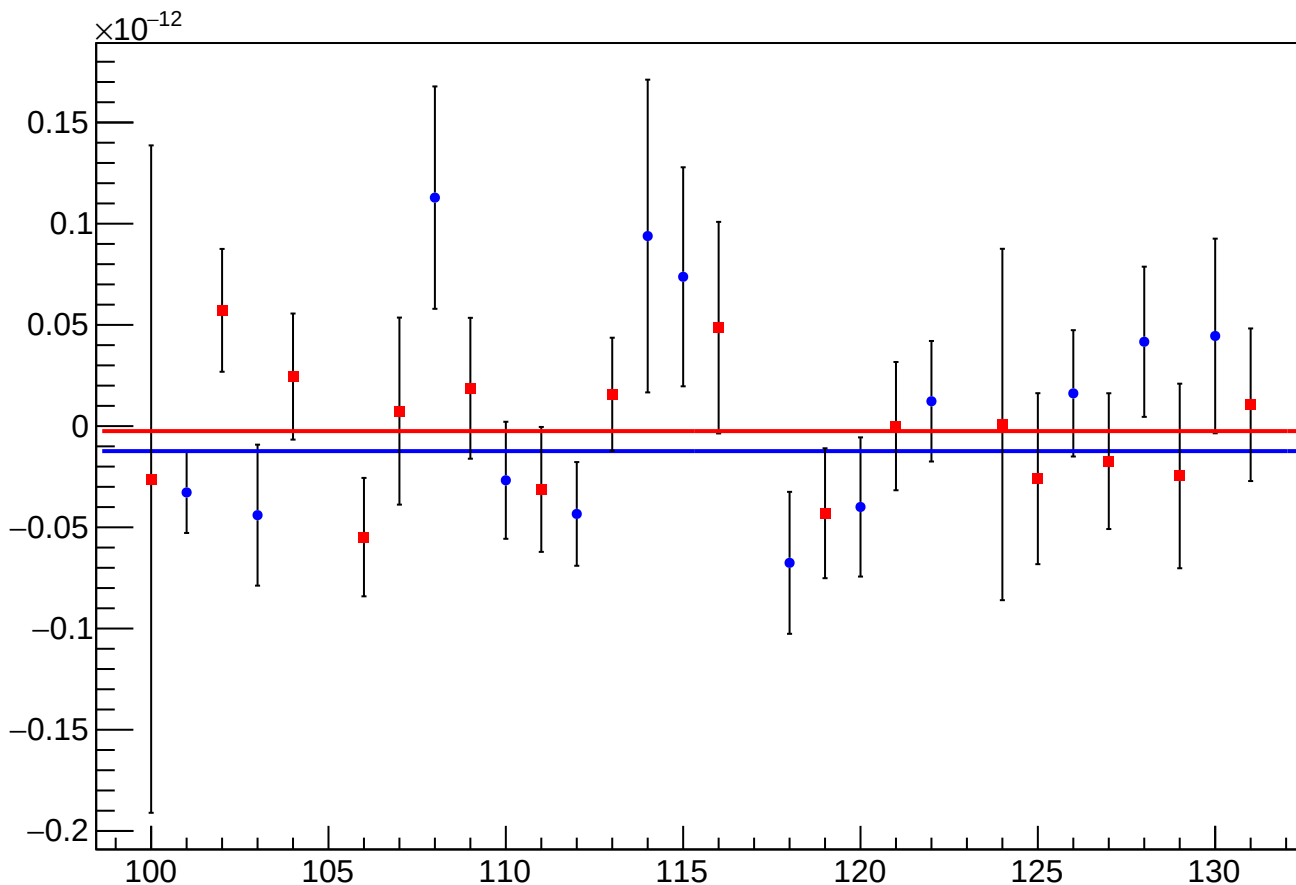
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.805+/-0.006 χ^2/NDF : 4382432.0/28

- sign 0.000+/-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: 21.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 13.0/15

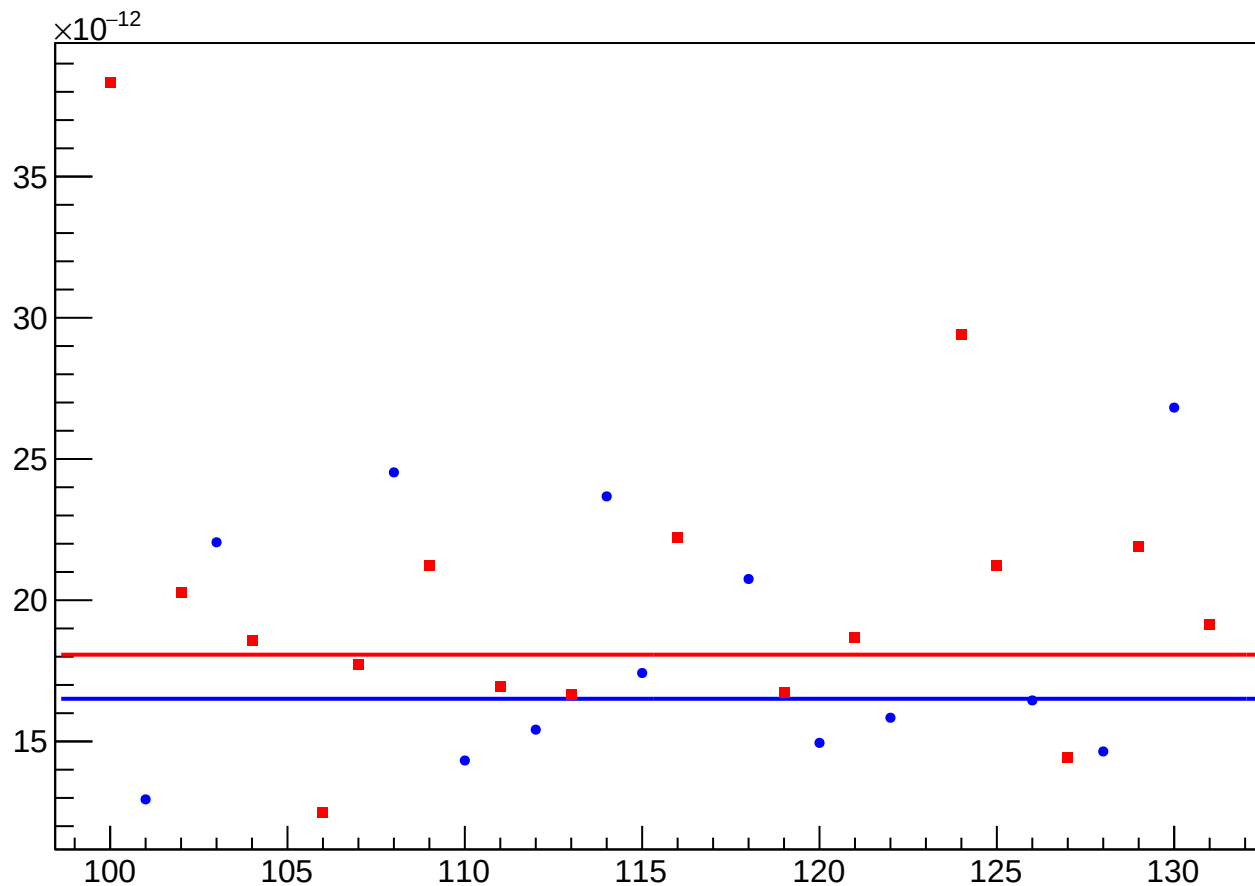
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 34.9/28

- 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 : 320773.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 239798.1/15

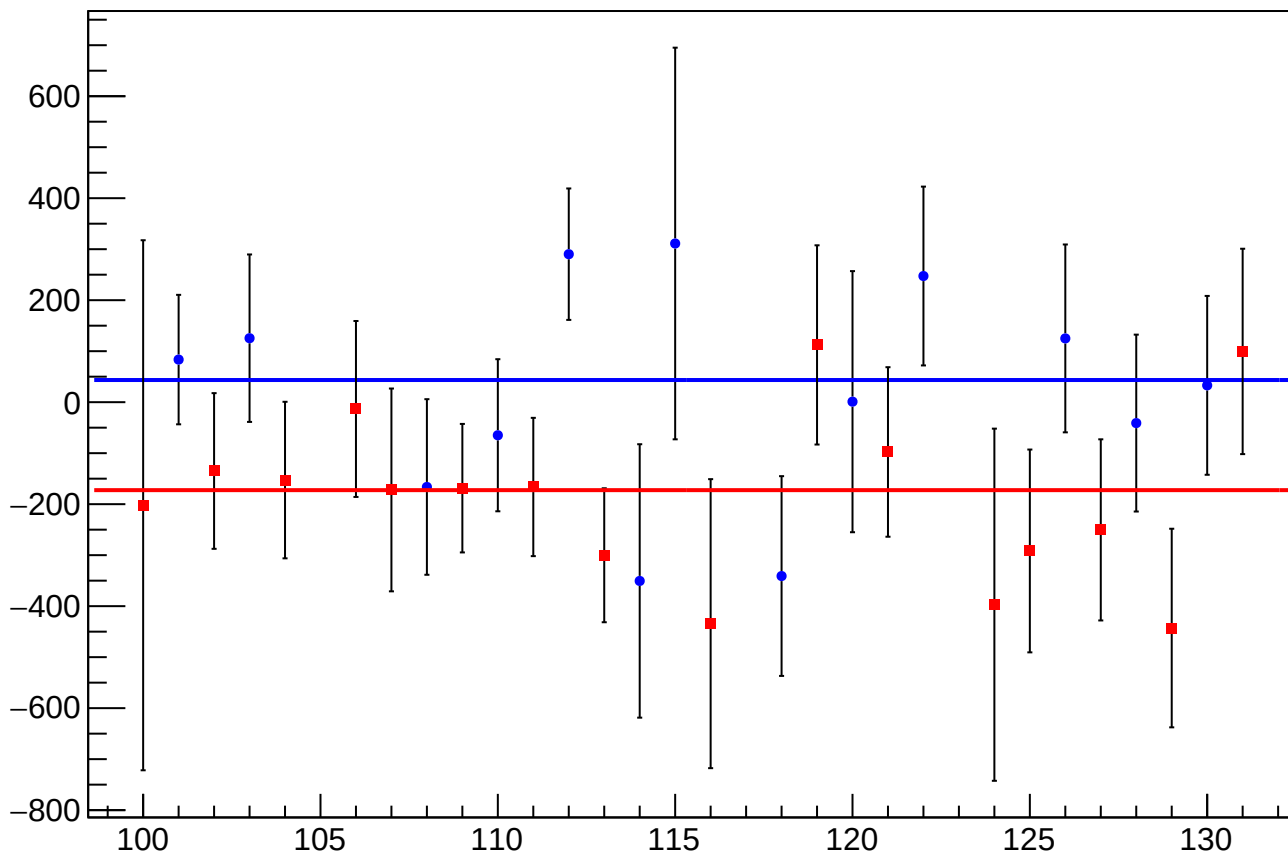
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 589723.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_mean vs Slug



Right In: 43.447 $\pm$ 48.345 χ^2 /NDF: 14.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -172.502 $\pm$ 44.084 χ^2 /NDF: 9.8/15

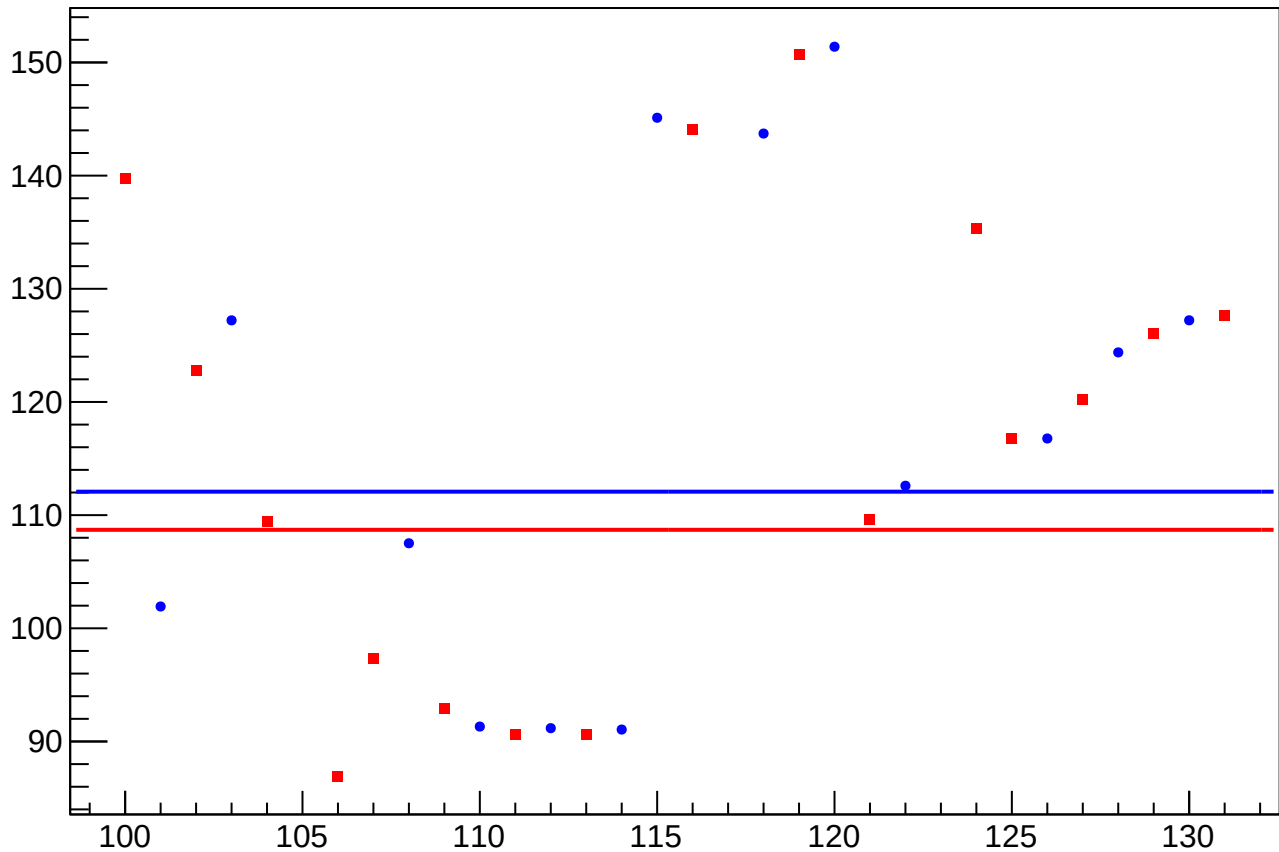
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -74.460 $\pm$ 32.575 χ^2 /NDF: 35.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_dd_rms vs Slug



Right In: 112.073 ± 0.034 χ^2/NDF : 275304.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 108.704 ± 0.031 χ^2/NDF : 348621.5/15

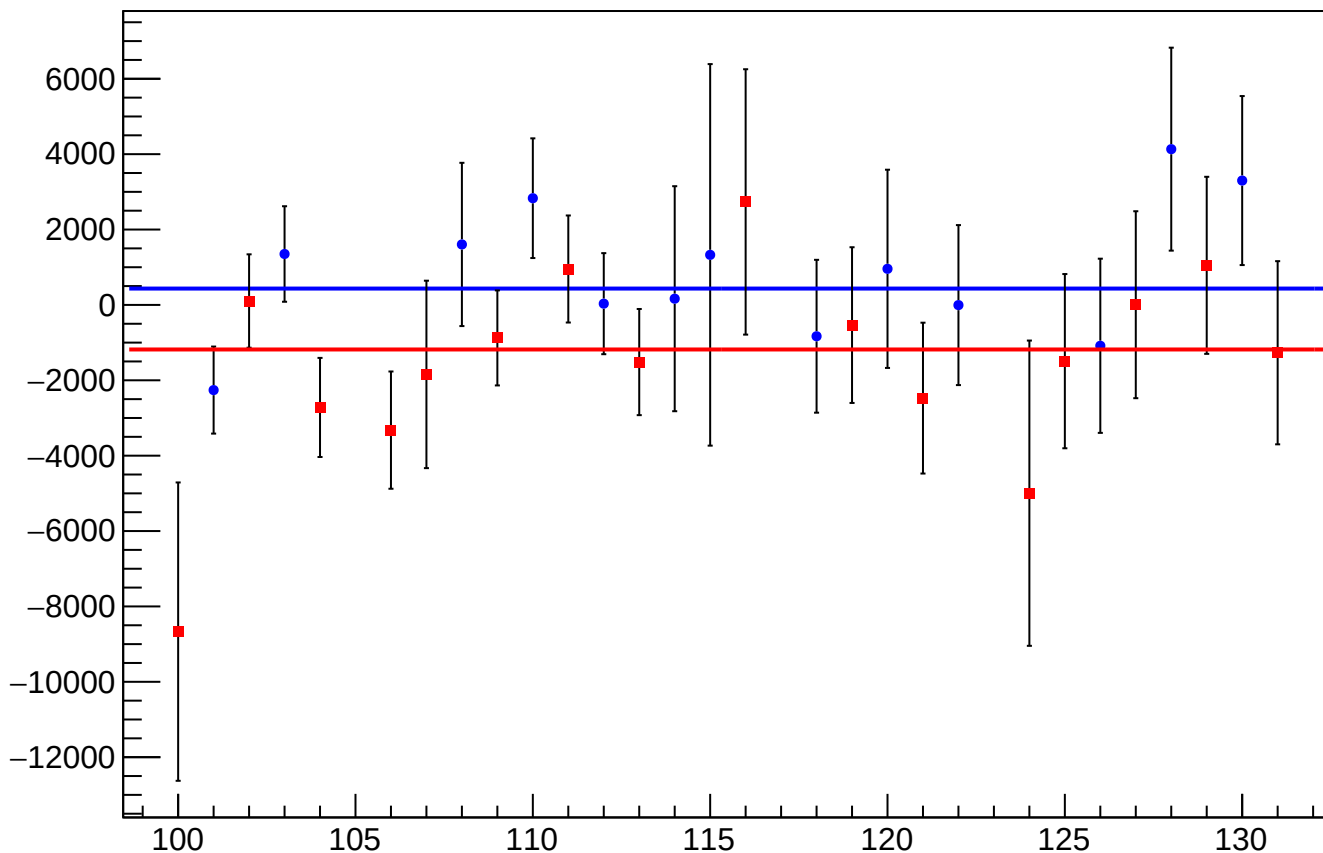
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 110.234 ± 0.023 χ^2/NDF : 629231.9/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_reg_correction_mean vs Slug



Right In: 433.897 $\pm$ 511.386 χ^2 /NDF: 13.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1182.304 $\pm$ 455.299 χ^2 /NDF: 14.2/15

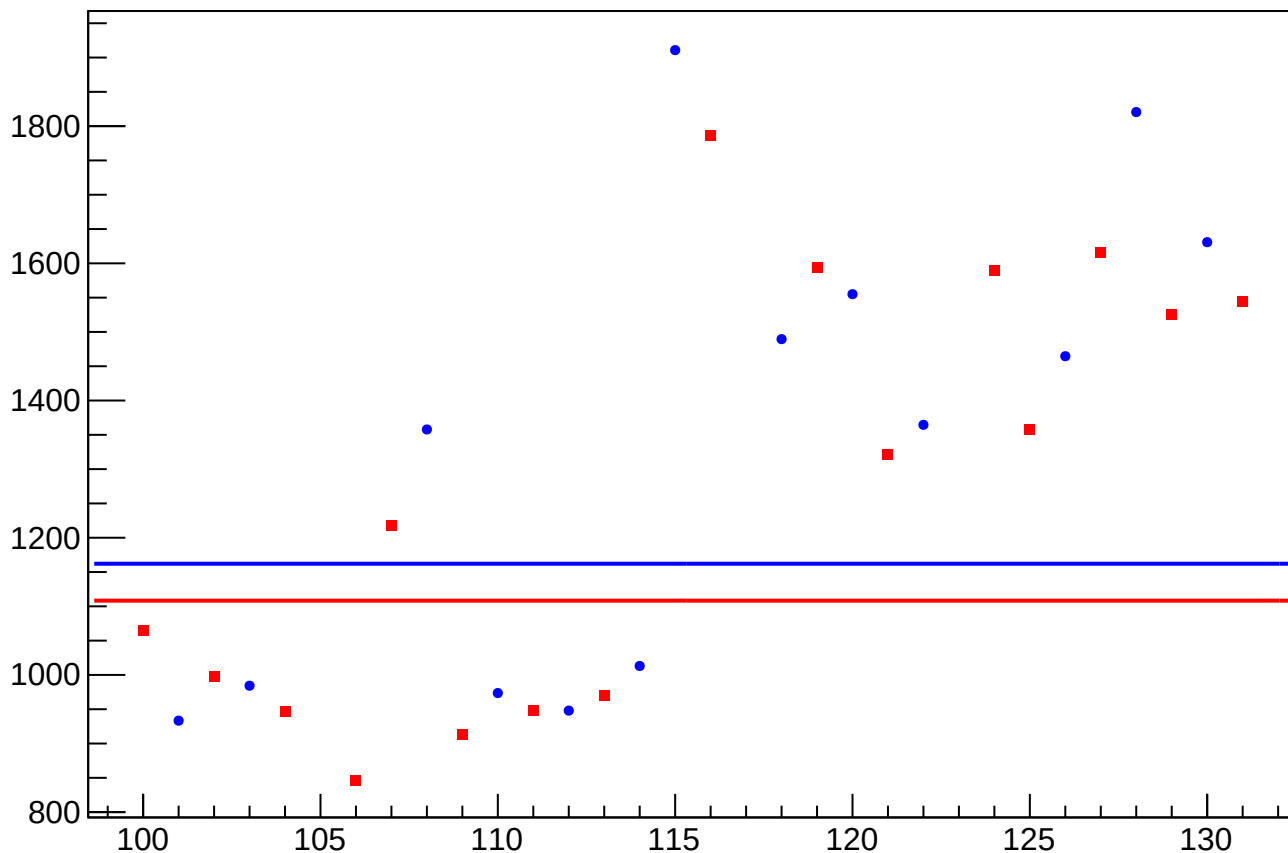
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -467.660 $\pm$ 340.052 χ^2 /NDF: 32.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_reg_correction_rms vs Slug



Right In: 1162.133+/-0.362 χ^2/NDF : 618380.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1108.297+/-0.322 χ^2/NDF : 668831.6/15

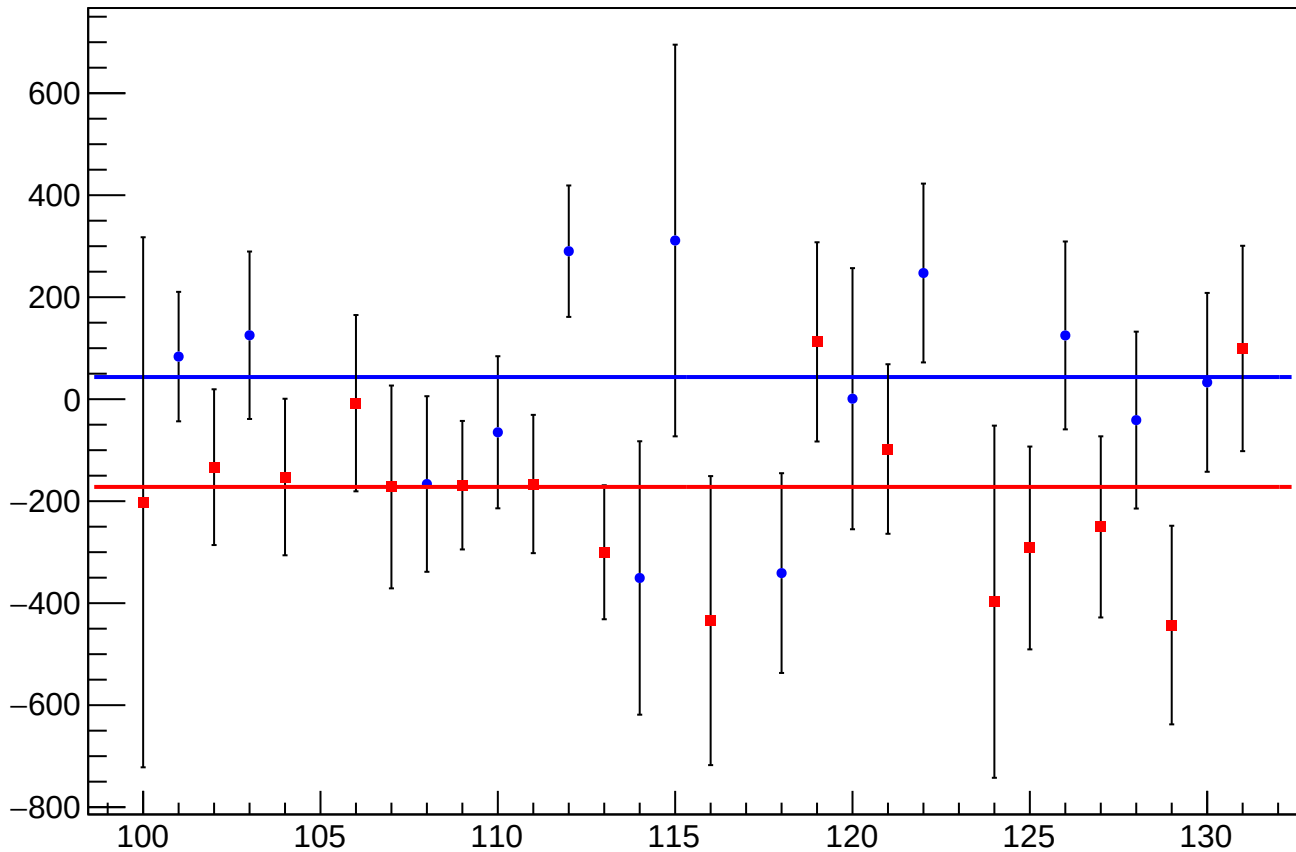
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1132.102+/-0.240 χ^2/NDF : 1299576.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_48_dd_mean vs Slug



Right In: 43.429 $\pm$ 48.345 χ^2 /NDF: 14.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -172.039 $\pm$ 44.091 χ^2 /NDF: 9.9/15

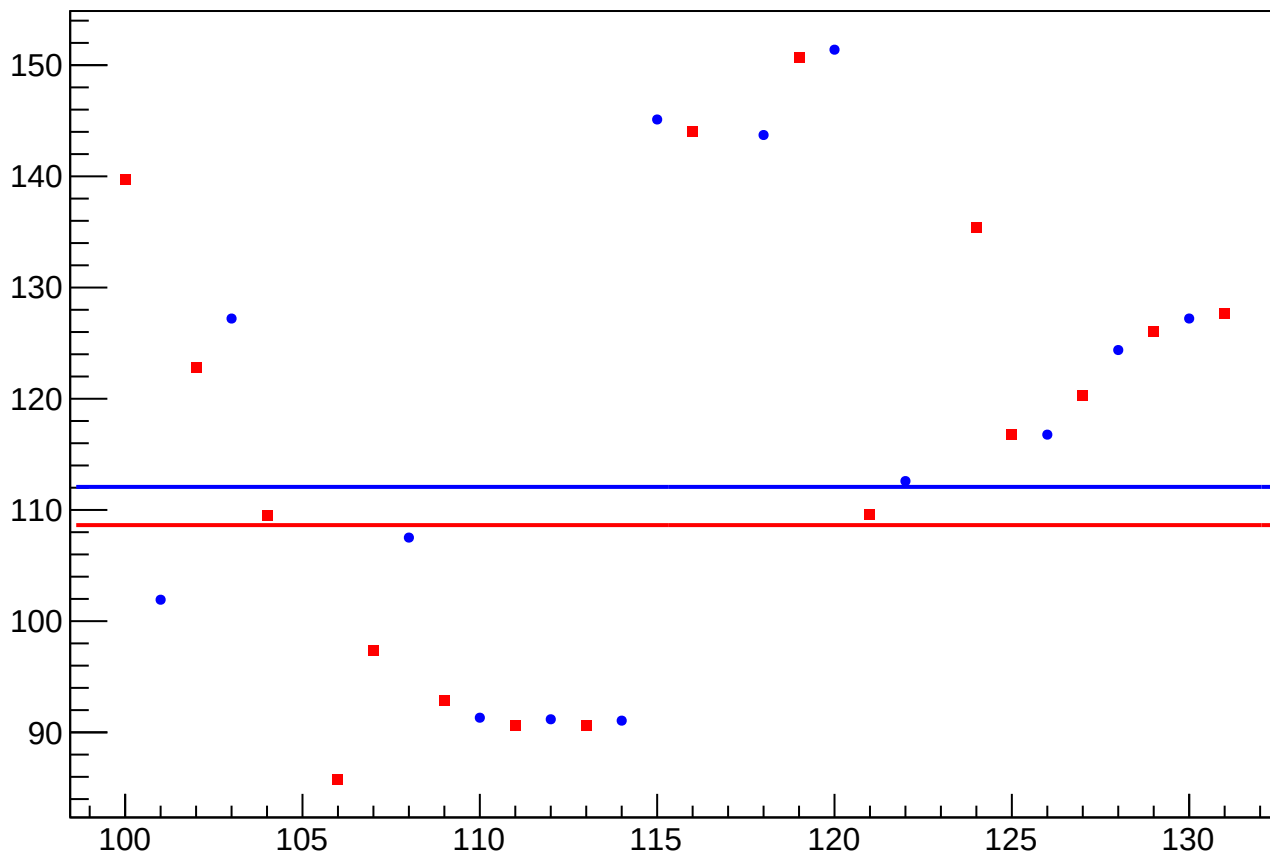
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -74.198 $\pm$ 32.577 χ^2 /NDF: 35.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_48_dd_rms vs Slug



Right In: 112.074 $\pm$ 0.034 χ^2 /NDF: 275305.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 108.637 $\pm$ 0.031 χ^2 /NDF: 352026.1/15

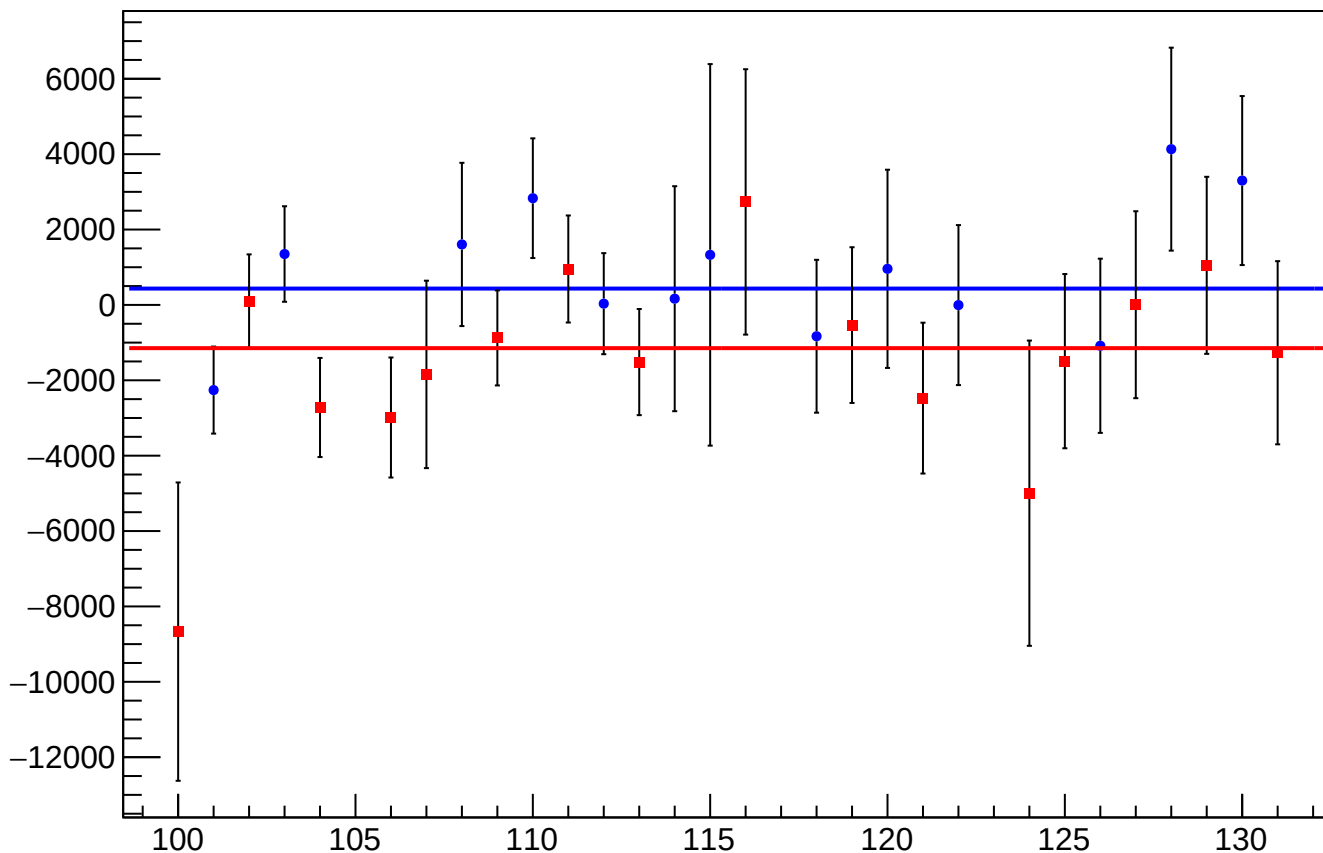
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 110.198 $\pm$ 0.023 χ^2 /NDF: 632847.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_cor_correction_mean vs Slug



Right In: 433.780+/-511.391 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1146.933+/-456.216 χ^2/NDF : 13.5/15

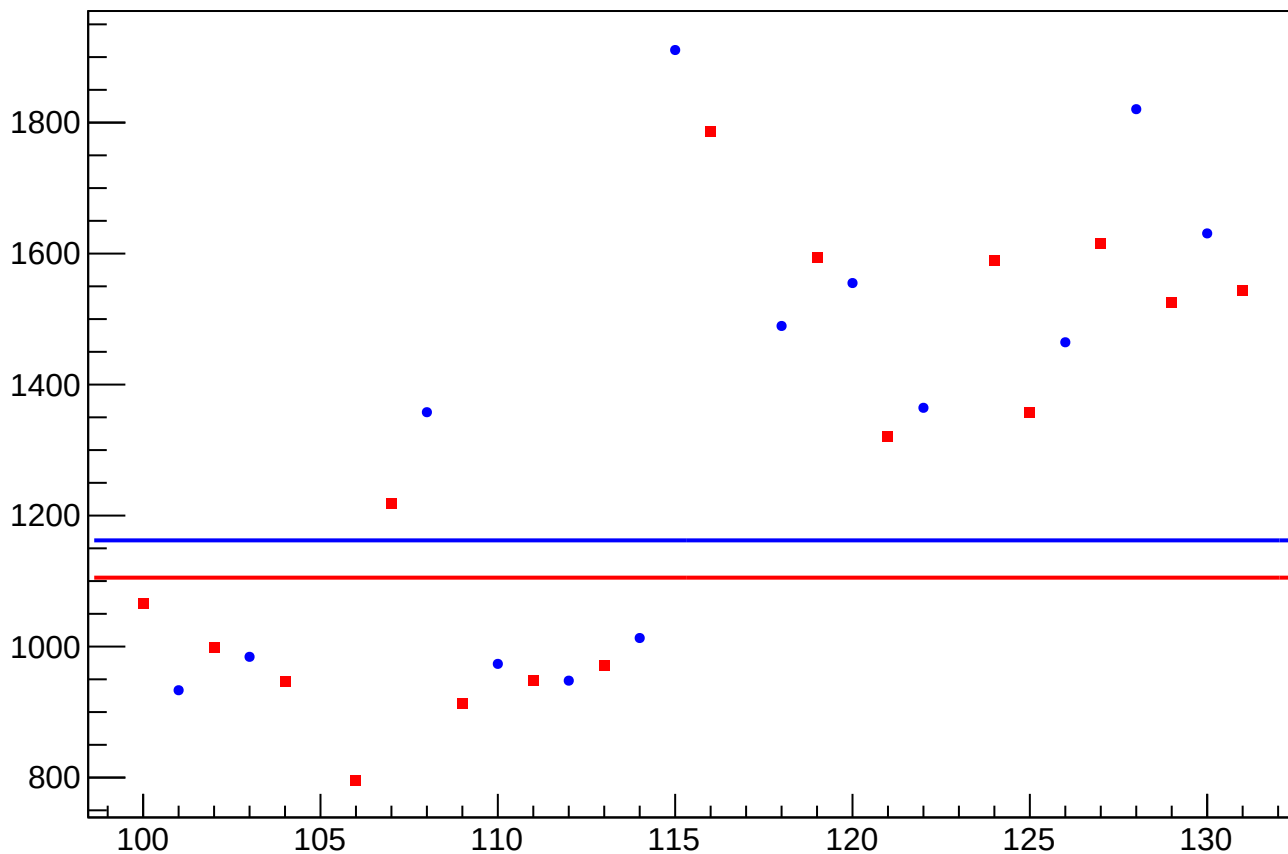
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -446.419+/-340.435 χ^2/NDF : 31.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_cor_correction_rms vs Slug



Right In: 1162.146 $\pm$ 0.362 χ^2 /NDF: 618348.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1105.233 $\pm$ 0.323 χ^2 /NDF: 688912.9/15

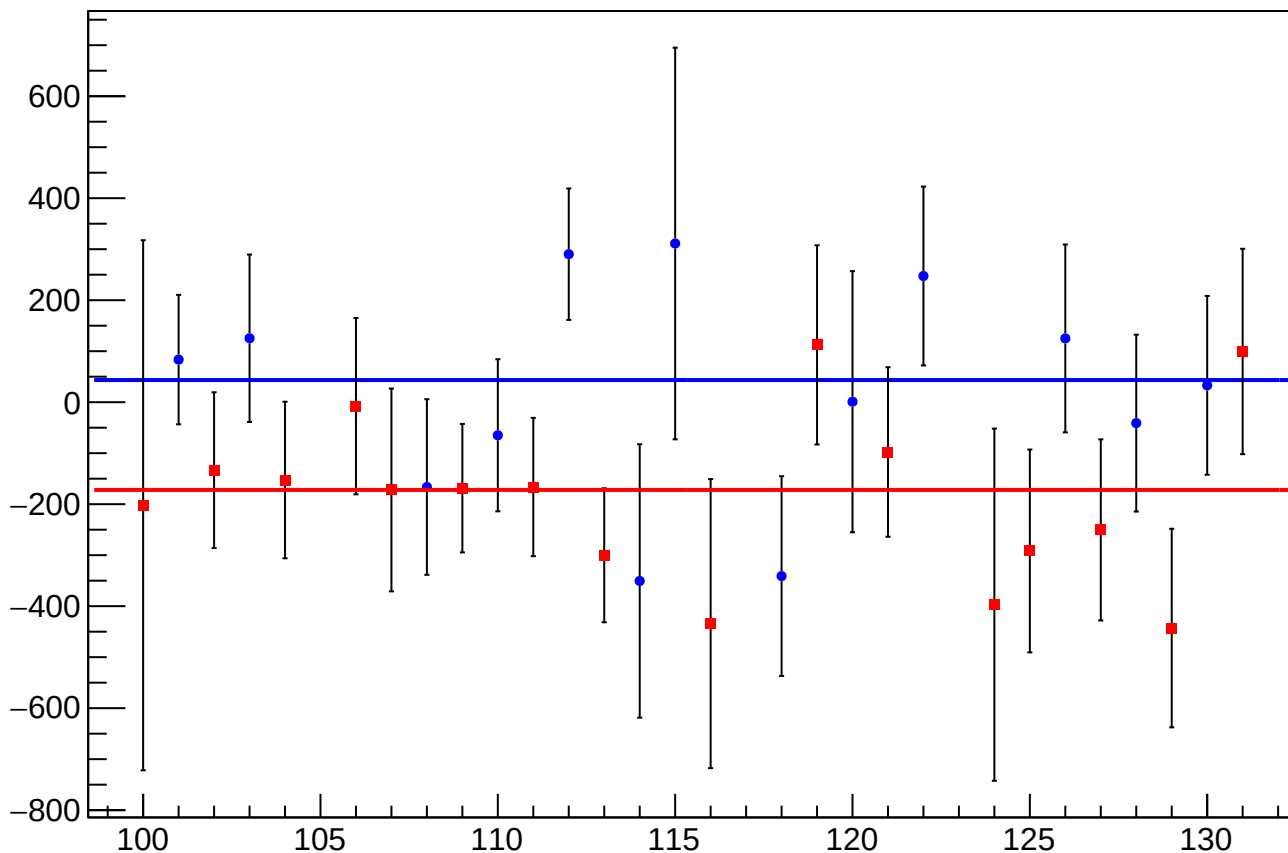
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1130.455 $\pm$ 0.241 χ^2 /NDF: 1321054.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_48_dd_mean vs Slug



Right In: 43.429 $\pm$ 48.345 χ^2 /NDF: 14.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -172.039 $\pm$ 44.091 χ^2 /NDF: 9.9/15

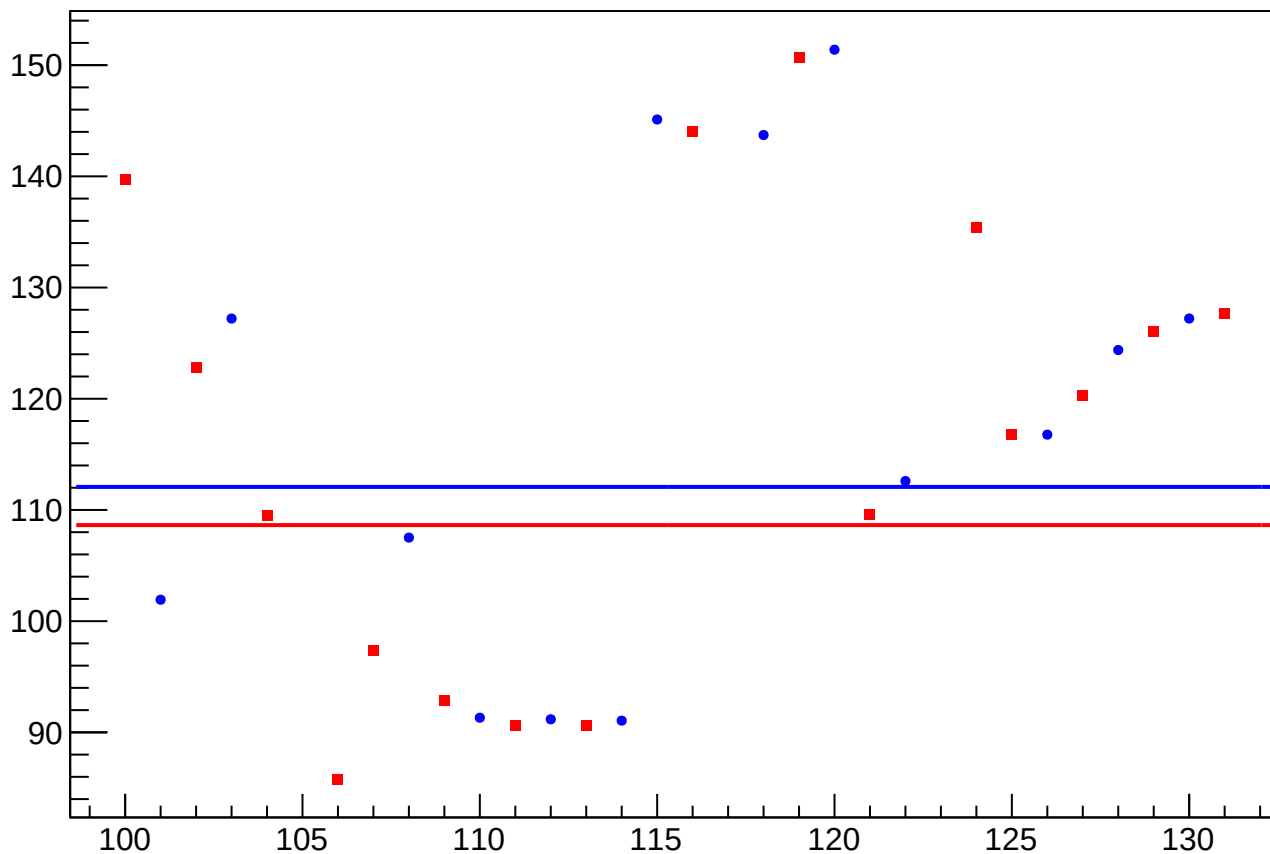
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -74.198 $\pm$ 32.577 χ^2 /NDF: 35.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_48_dd_rms vs Slug



Right In: 112.074 ± 0.034 χ^2/NDF : 275305.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 108.637 ± 0.031 χ^2/NDF : 352026.1/15

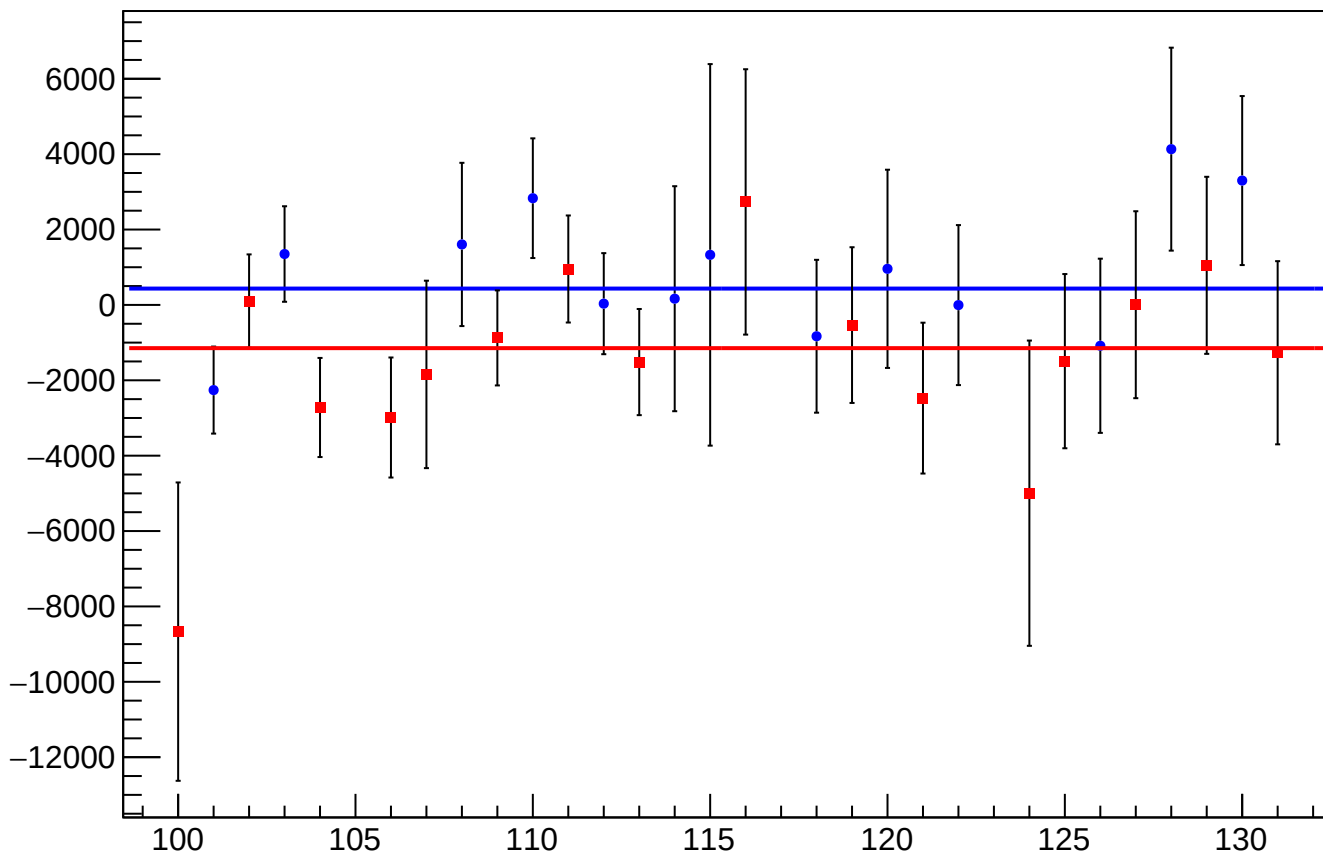
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 110.198 ± 0.023 χ^2/NDF : 632847.2/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_eigen_cor_correction_mean vs Slug



Right In: 433.780+/-511.391 χ^2/NDF : 13.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1146.933+/-456.216 χ^2/NDF : 13.5/15

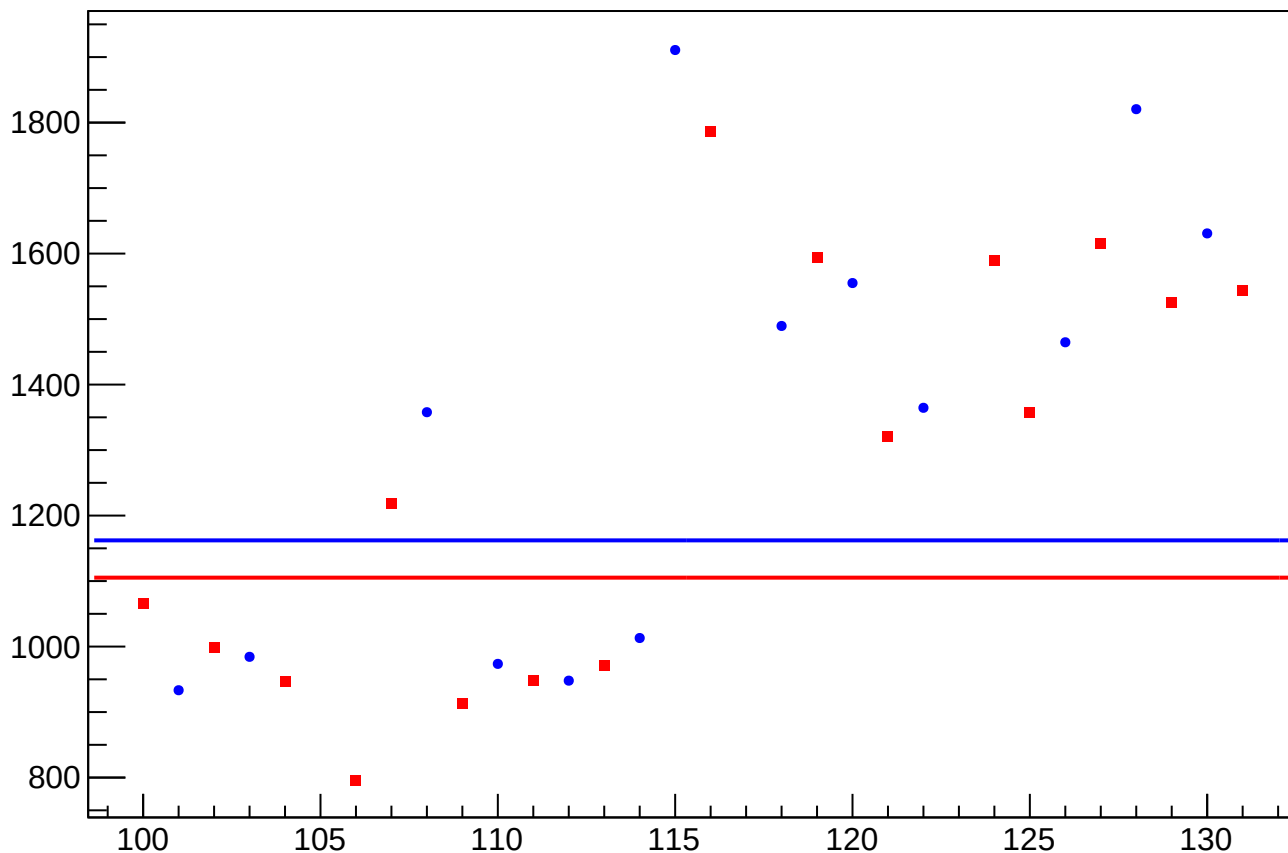
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -446.419+/-340.435 χ^2/NDF : 31.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_eigen_cor_correction_rms vs Slug



Right In: 1162.146 $\pm$ 0.362 χ^2 /NDF: 618348.4/12

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

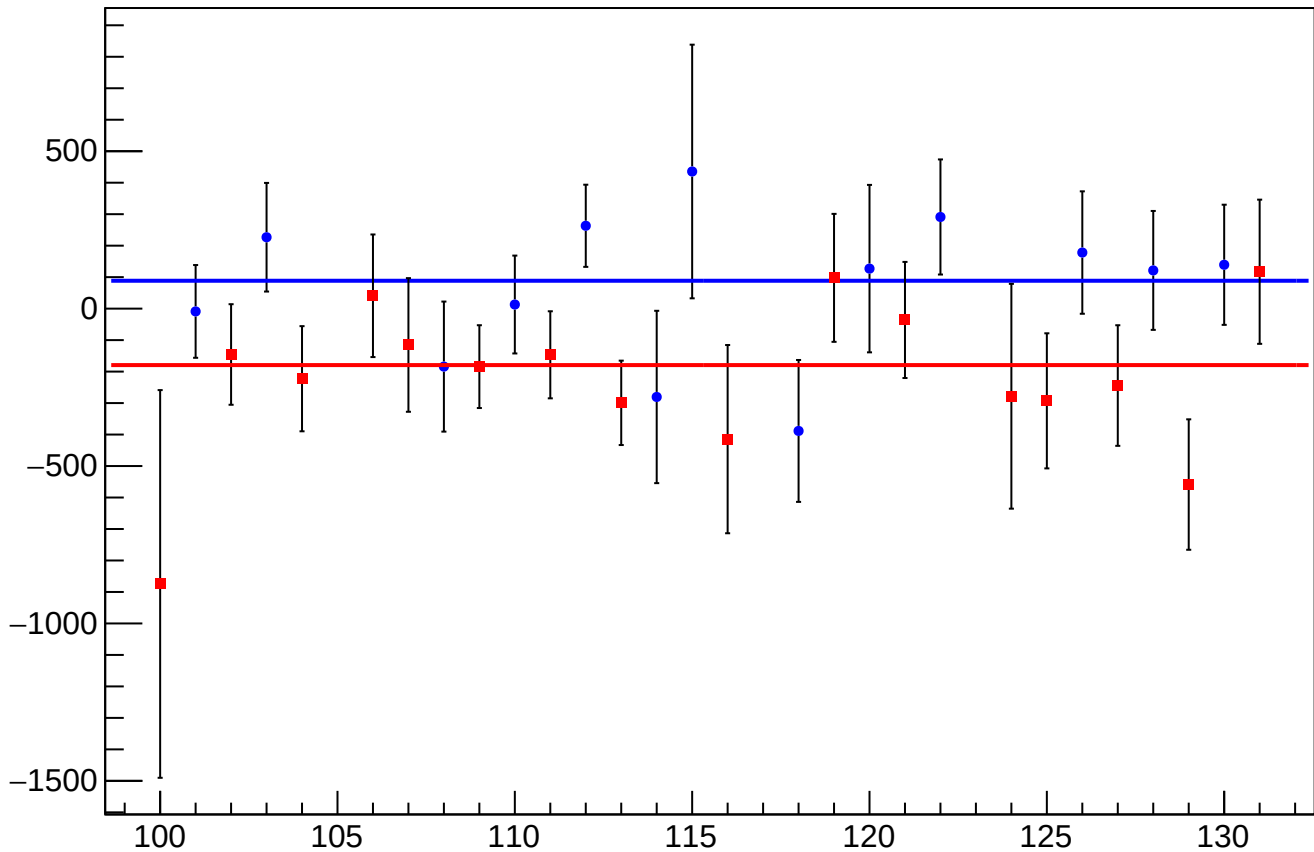
Right Out: 1105.233 $\pm$ 0.323 χ^2 /NDF: 688912.9/15

All: 1130.455 $\pm$ 0.241 χ^2 /NDF: 1321054.6/28

- 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_48_dd_mean vs Slug



Right In: 88.537+/-52.098 χ^2/NDF : 13.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -179.341+/-46.826 χ^2/NDF : 12.2/15

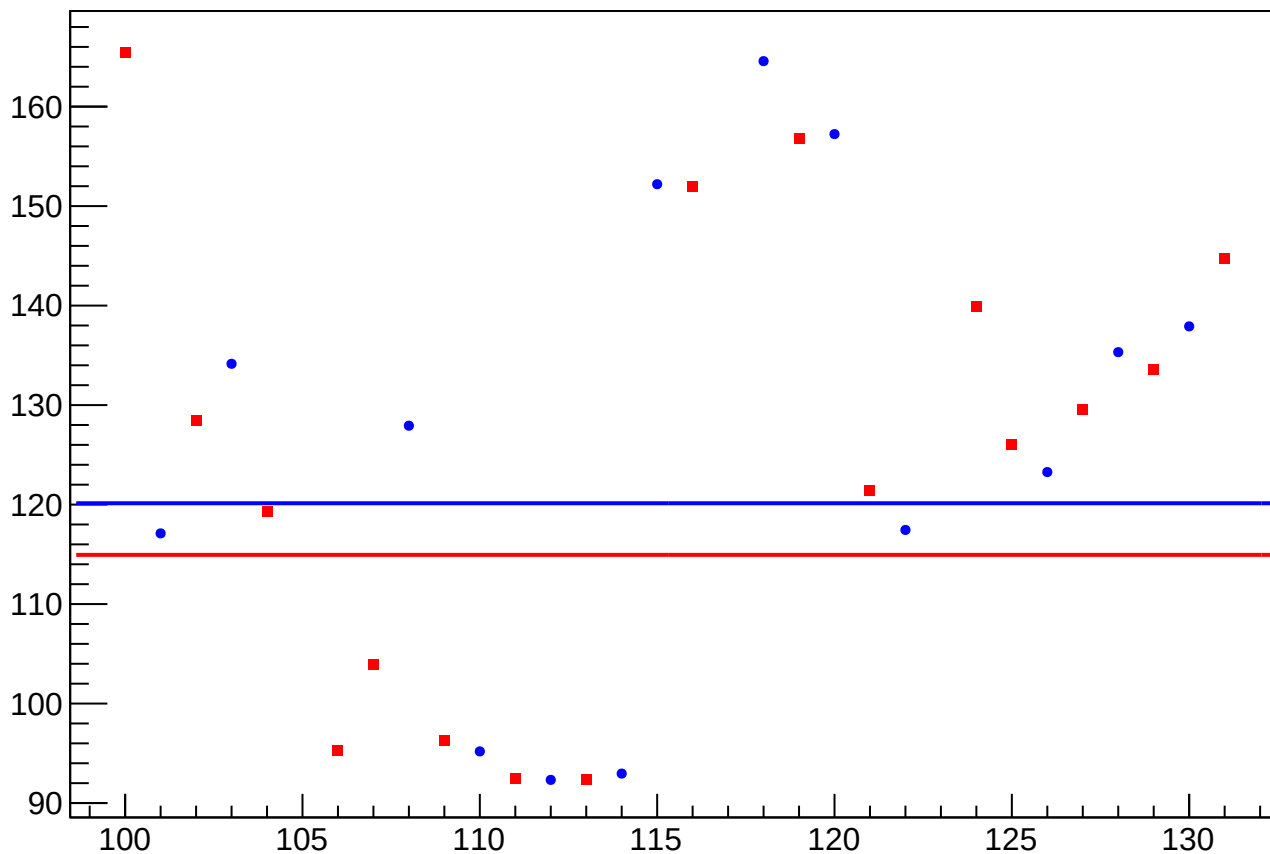
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -59.636+/-34.826 χ^2/NDF : 40.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_dd_rms vs Slug



Right In: 120.133 $\pm$ 0.037 χ^2 /NDF: 339491.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 114.946 $\pm$ 0.033 χ^2 /NDF: 399773.8/15

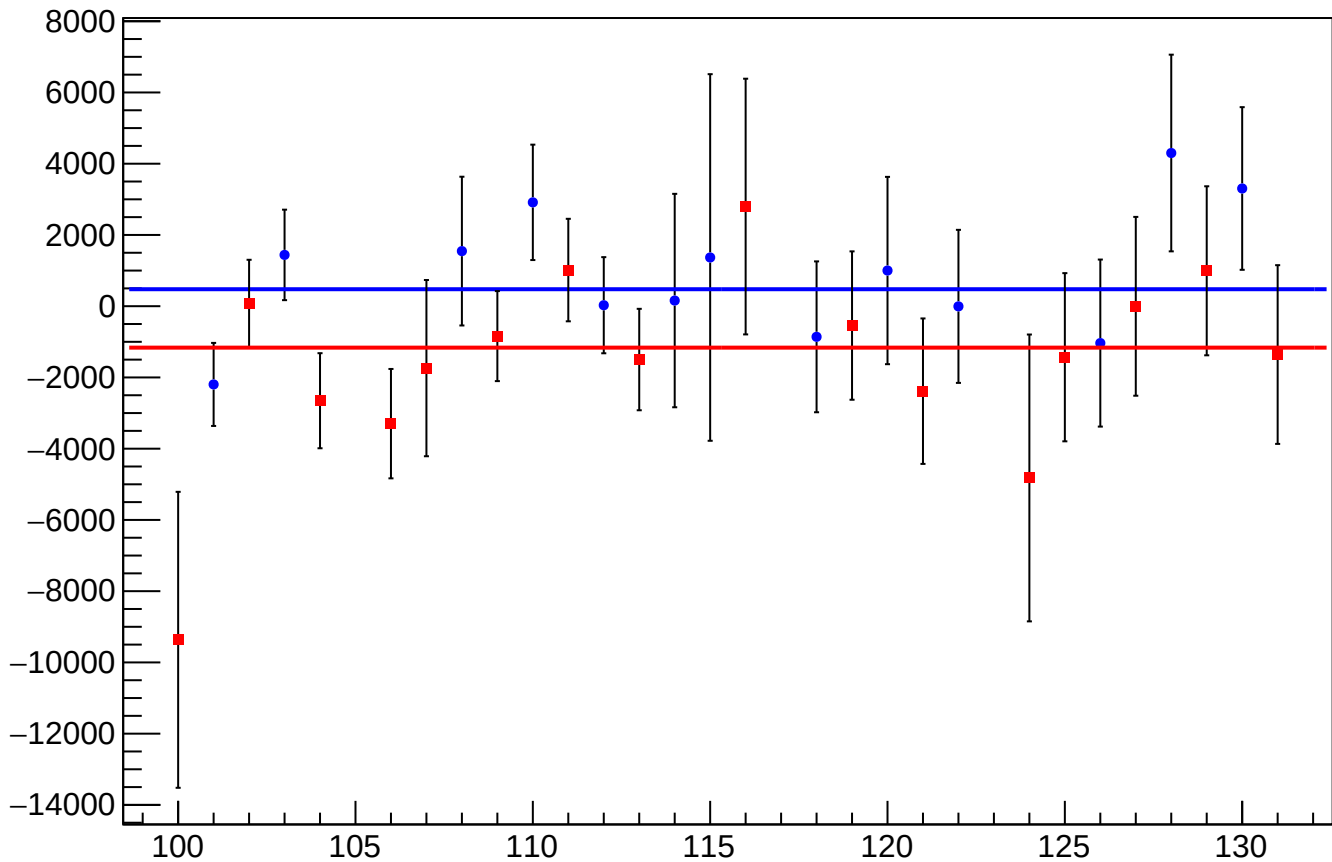
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 117.264 $\pm$ 0.025 χ^2 /NDF: 750229.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_dit_correction_mean vs Slug



Right In: 476.576 $\pm$ 516.120 χ^2 /NDF: 12.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1163.293 $\pm$ 458.973 χ^2 /NDF: 14.1/15

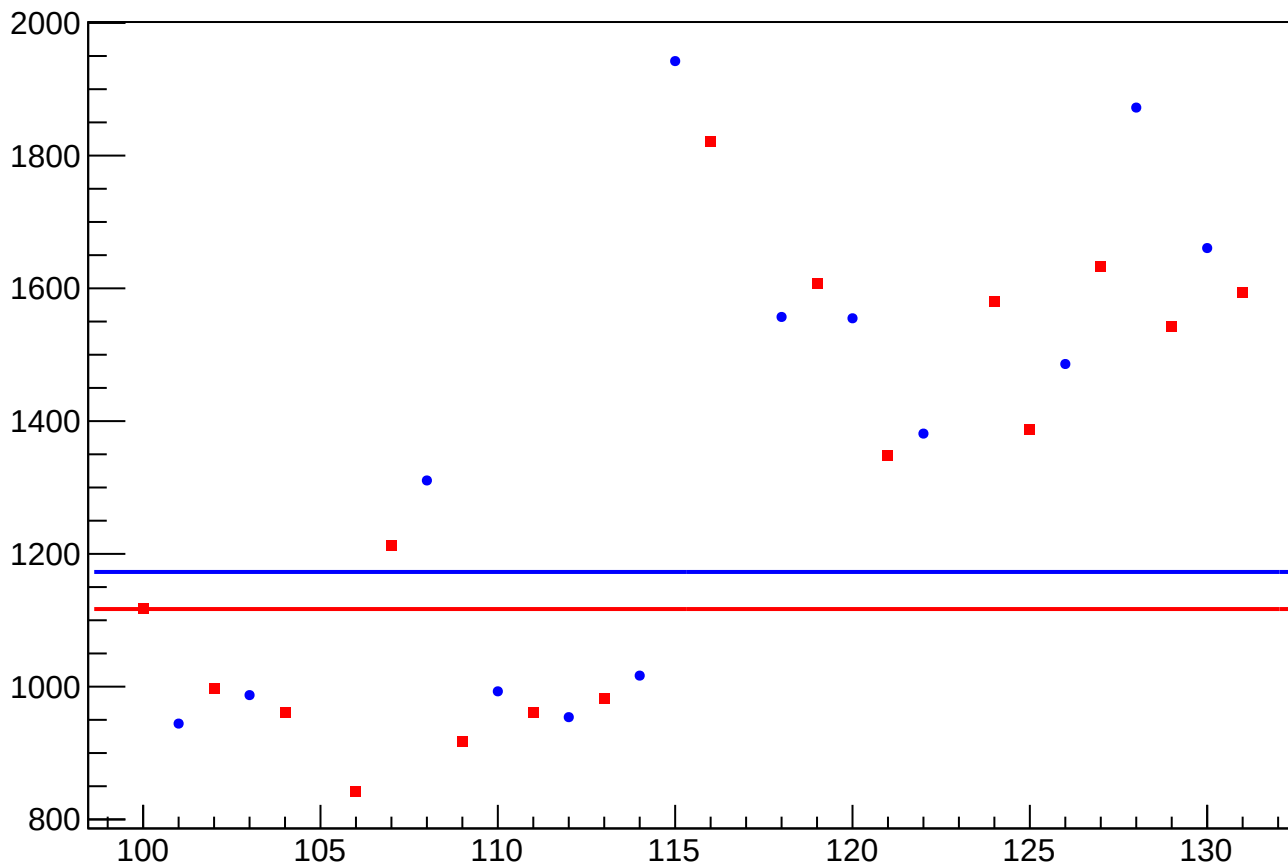
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -439.137 $\pm$ 342.975 χ^2 /NDF: 32.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_dit_correction_rms vs Slug



Right In: 1172.781+/-0.365 χ^2/NDF : 637895.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

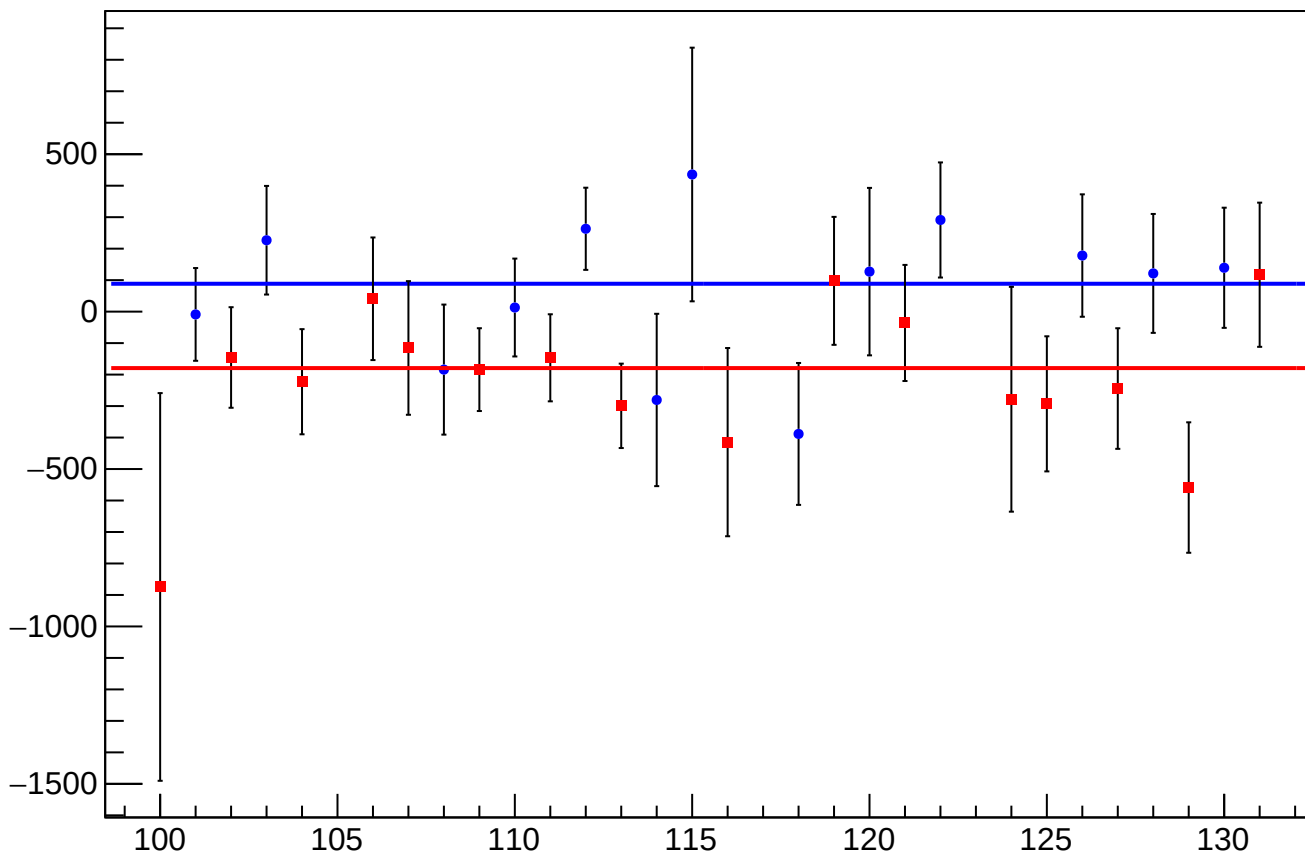
Right Out: 1116.918+/-0.325 χ^2/NDF : 691447.6/15

All: 1141.586+/-0.243 χ^2/NDF : 1342426.4/28

- 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: 88.538+/-52.098 χ^2/NDF : 13.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -179.341+/-46.826 χ^2/NDF : 12.2/15

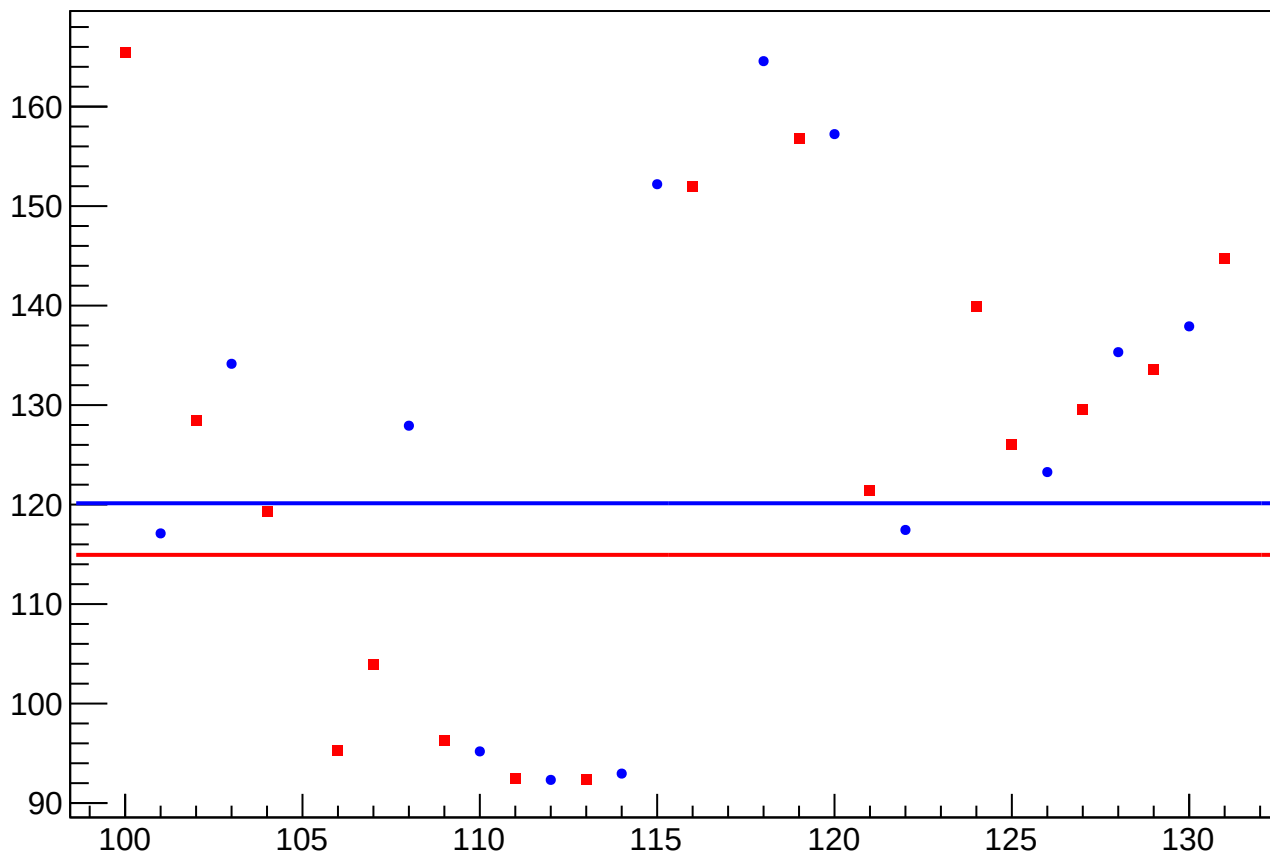
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -59.637+/-34.826 χ^2/NDF : 40.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_48_dd_rms vs Slug



Right In: 120.133 $\pm$ 0.037 χ^2 /NDF: 339496.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 114.946 $\pm$ 0.033 χ^2 /NDF: 399777.5/15

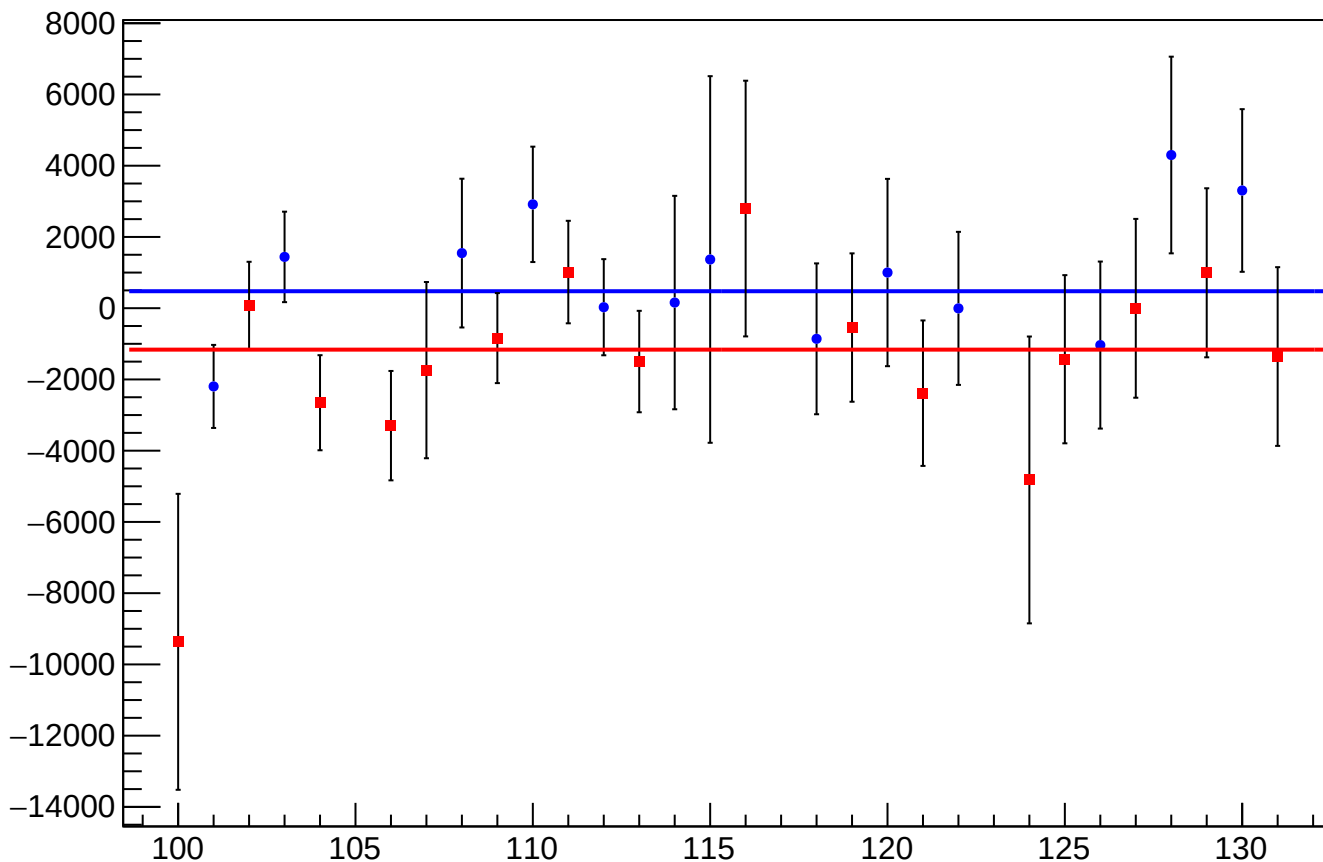
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 117.264 $\pm$ 0.025 χ^2 /NDF: 750238.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_dit_correction_mean vs Slug



Right In: 476.576 $\pm$ 516.120 χ^2 /NDF: 12.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1163.293 $\pm$ 458.973 χ^2 /NDF: 14.1/15

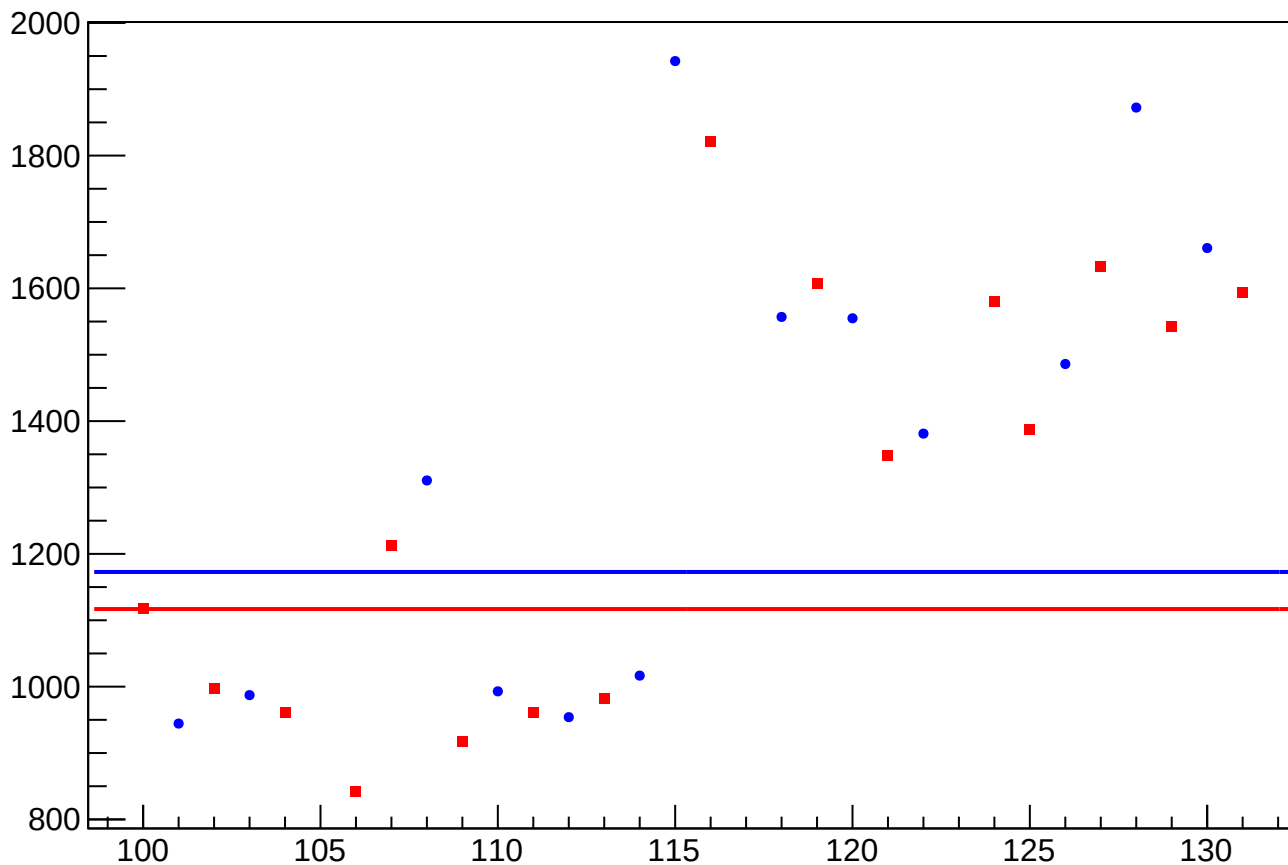
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -439.137 $\pm$ 342.975 χ^2 /NDF: 32.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_dit_correction_rms vs Slug



Right In: 1172.781+/-0.365 χ^2/NDF : 637896.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

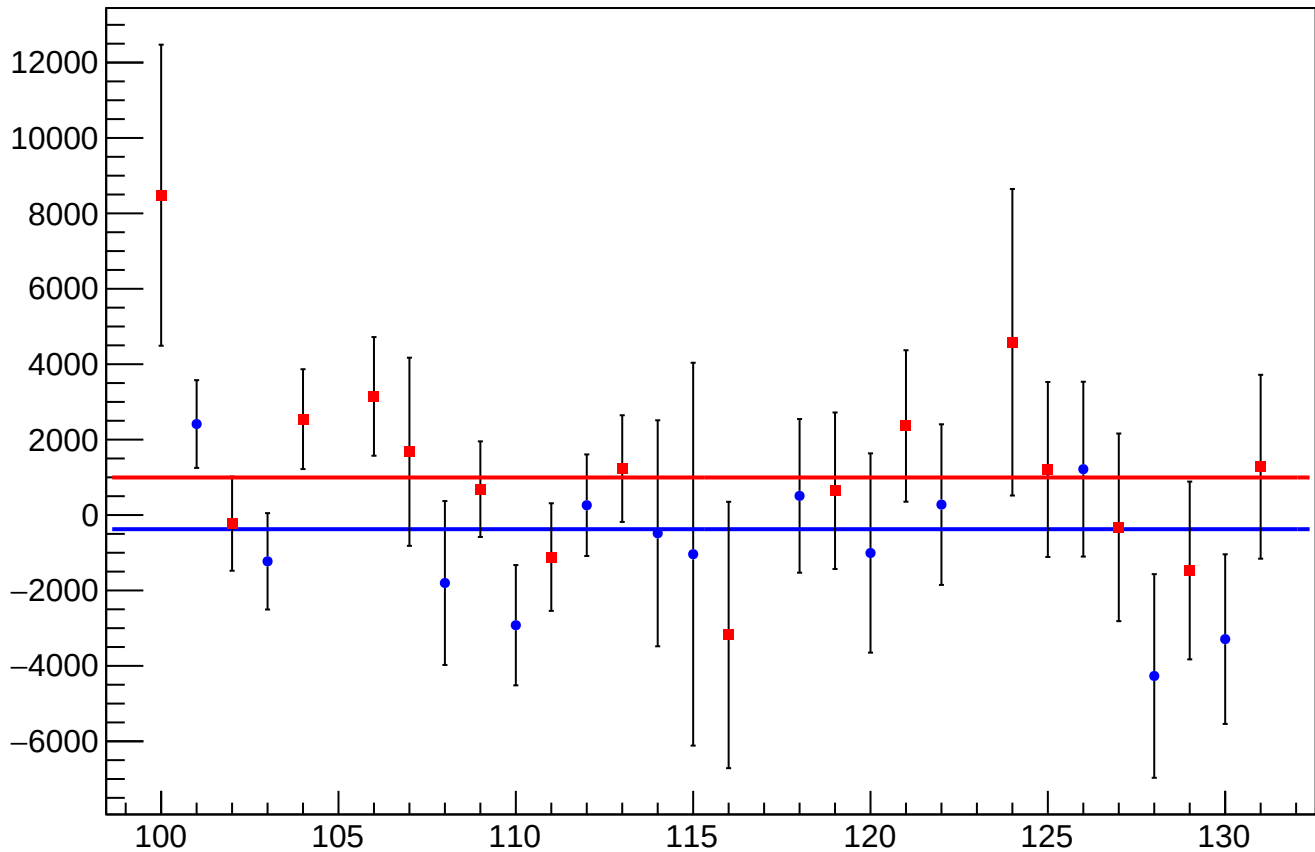
Right Out: 1116.918+/-0.325 χ^2/NDF : 691449.5/15

All: 1141.586+/-0.243 χ^2/NDF : 1342430.1/28

- 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_mean vs Slug



Right In: -375.206 $\pm$ 514.181 χ^2 /NDF: 14.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 996.370 $\pm$ 457.910 χ^2 /NDF: 14.1/15

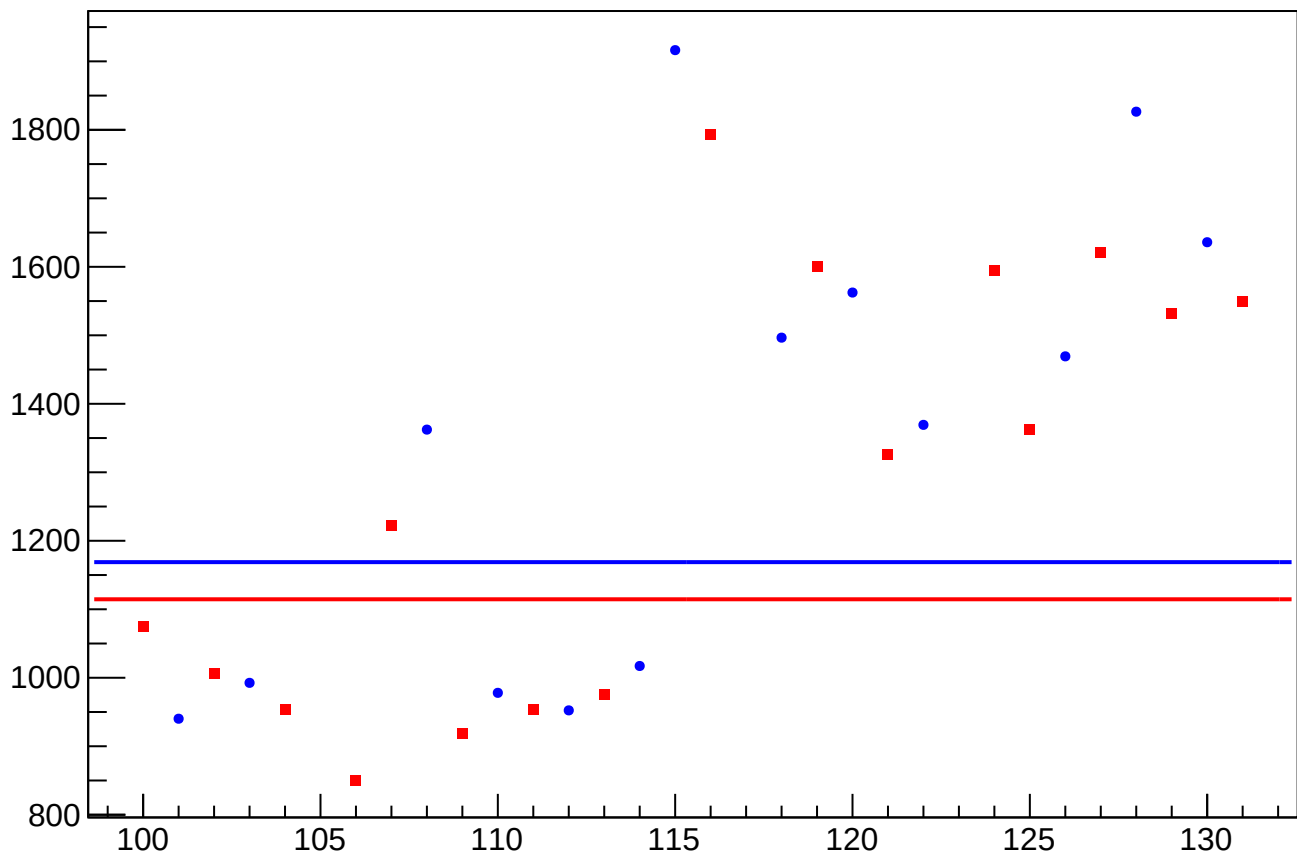
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 389.714 $\pm$ 341.962 χ^2 /NDF: 32.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_rms vs Slug



Right In: 1168.819 $\pm$ 0.364 χ^2 /NDF: 612182.4/12

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

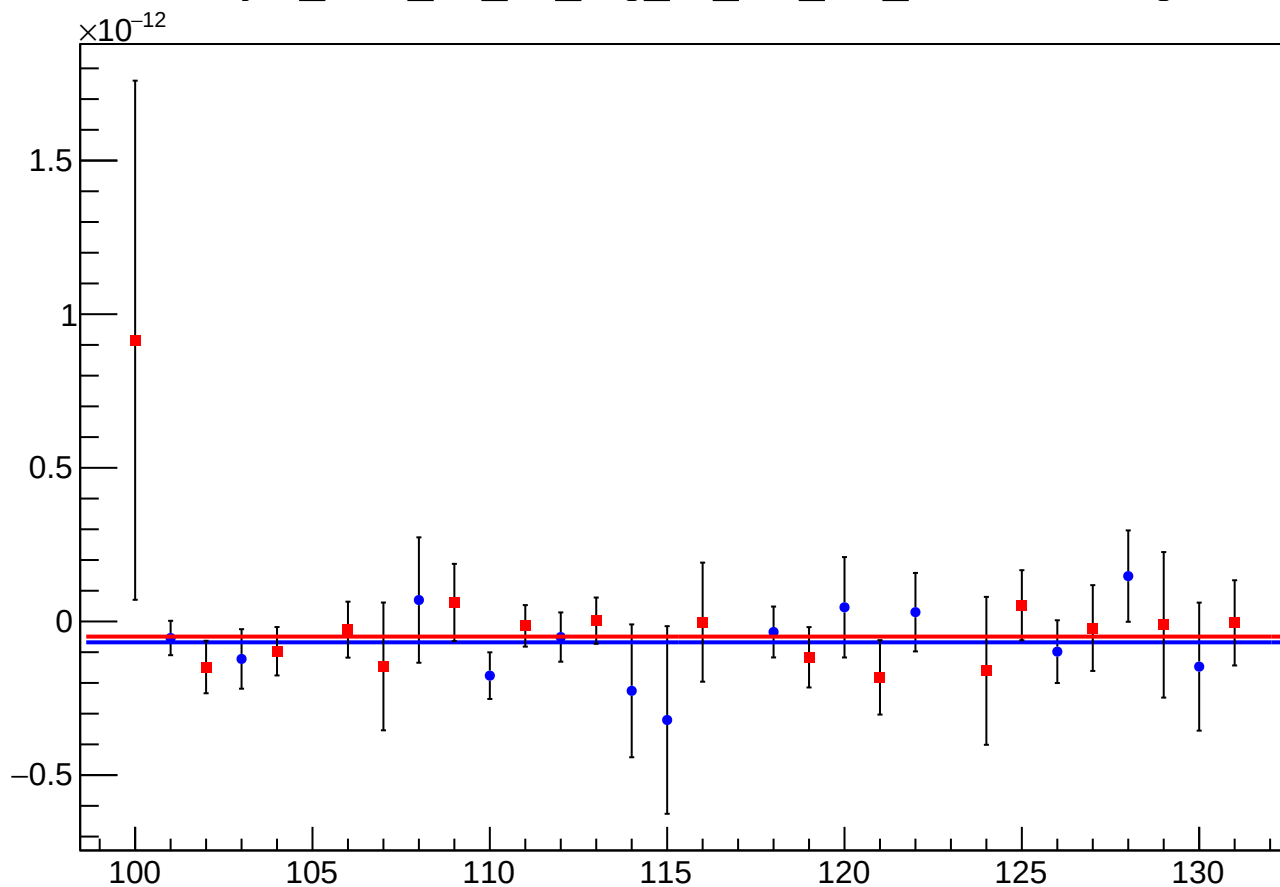
Right Out: 1114.582 $\pm$ 0.324 χ^2 /NDF: 663430.7/15

All: 1138.572 $\pm$ 0.242 χ^2 /NDF: 1288023.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 7.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 7.7/15

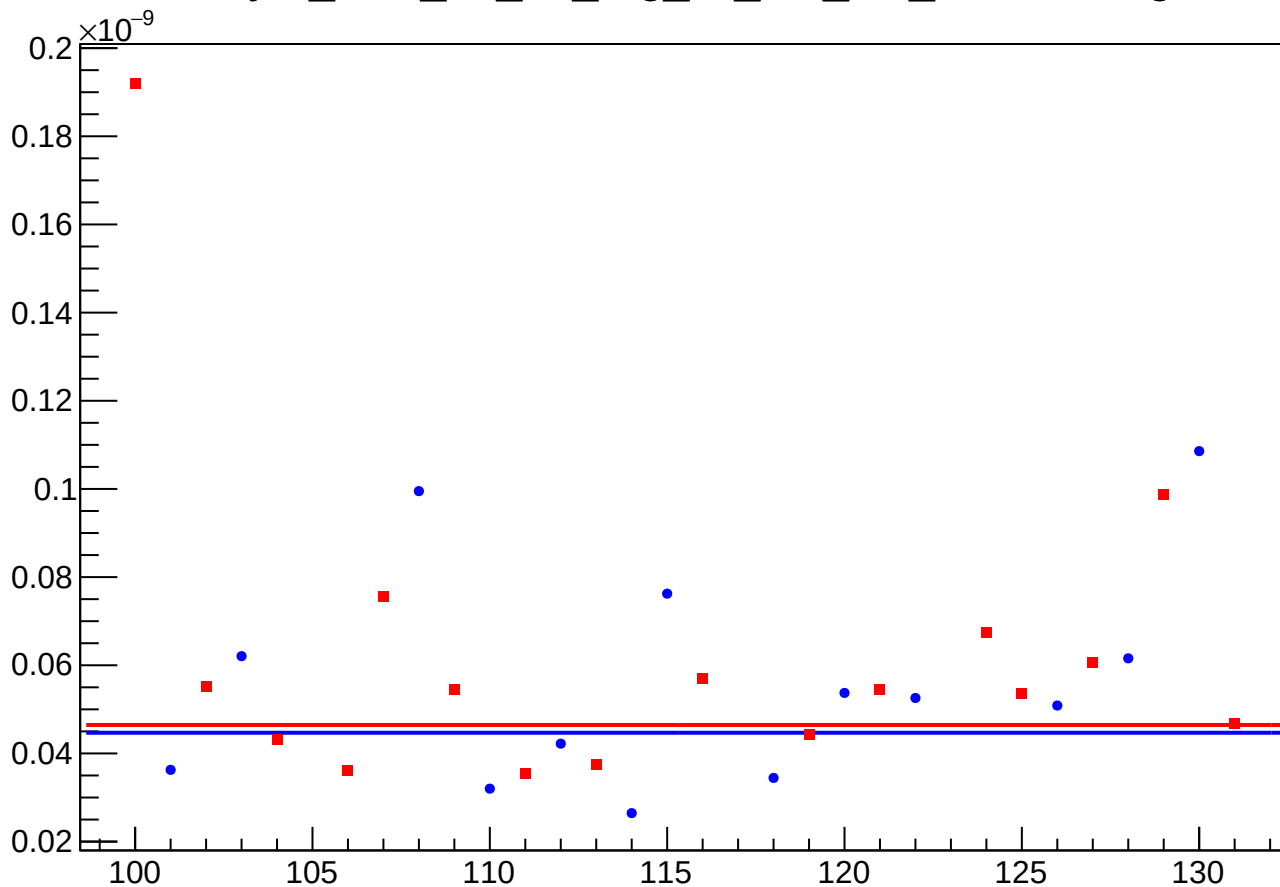
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 15.7/28

- 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 $\pm$ 0.000 χ^2 /NDF: 612866.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 395059.1/15

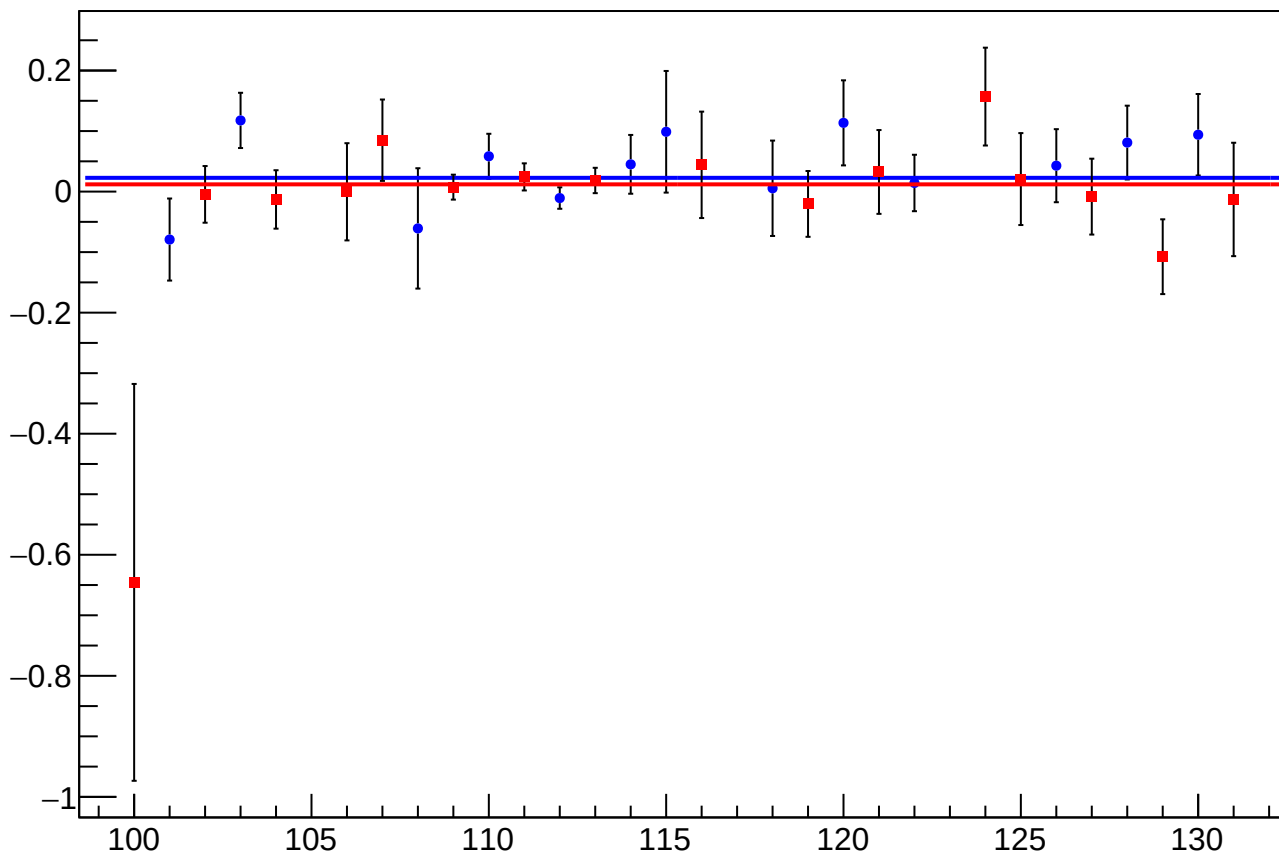
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1011890.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.023 $\pm$ 0.012 χ^2 /NDF: 16.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.012 $\pm$ 0.010 χ^2 /NDF: 13.8/15

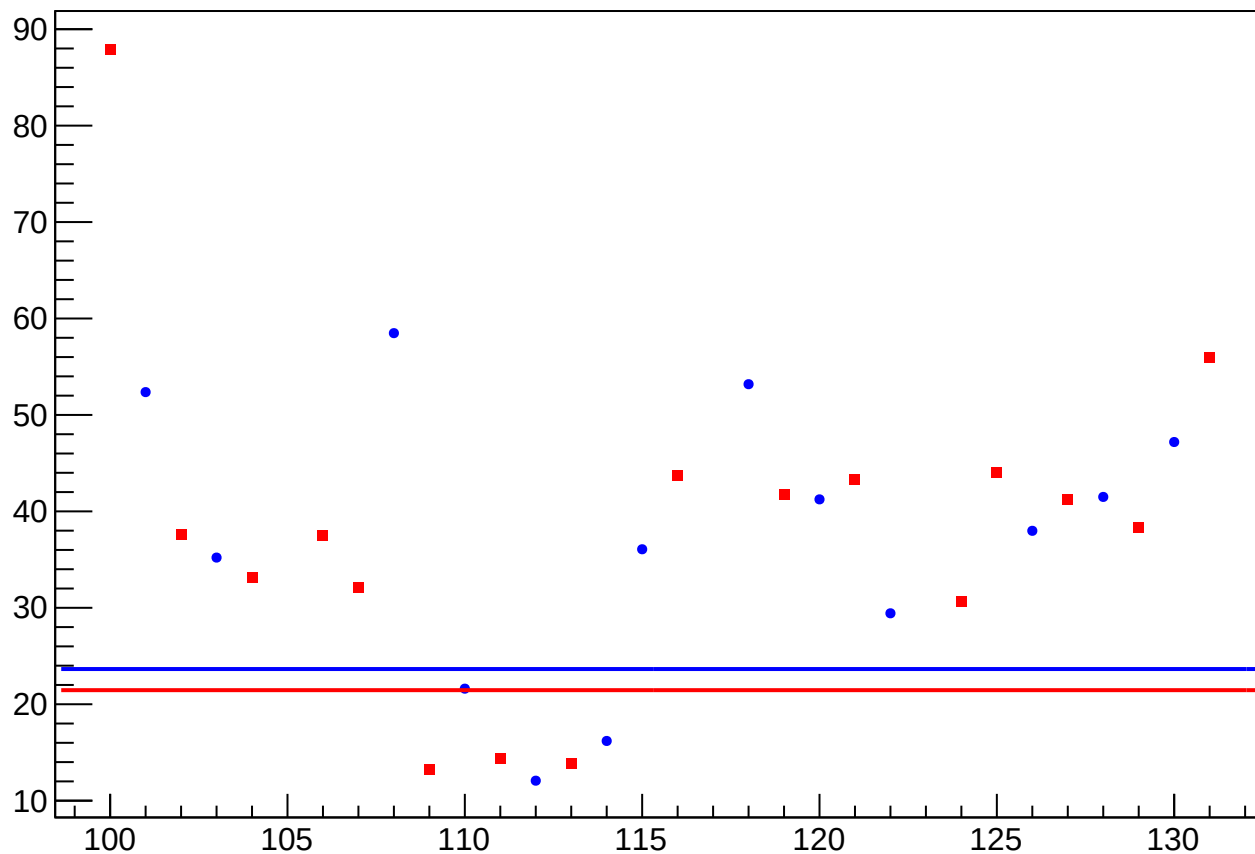
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.016 $\pm$ 0.008 χ^2 /NDF: 30.7/28

- 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: 23.651+/-0.009 χ^2/NDF : 2634922.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.460+/-0.007 χ^2/NDF : 2775880.0/15

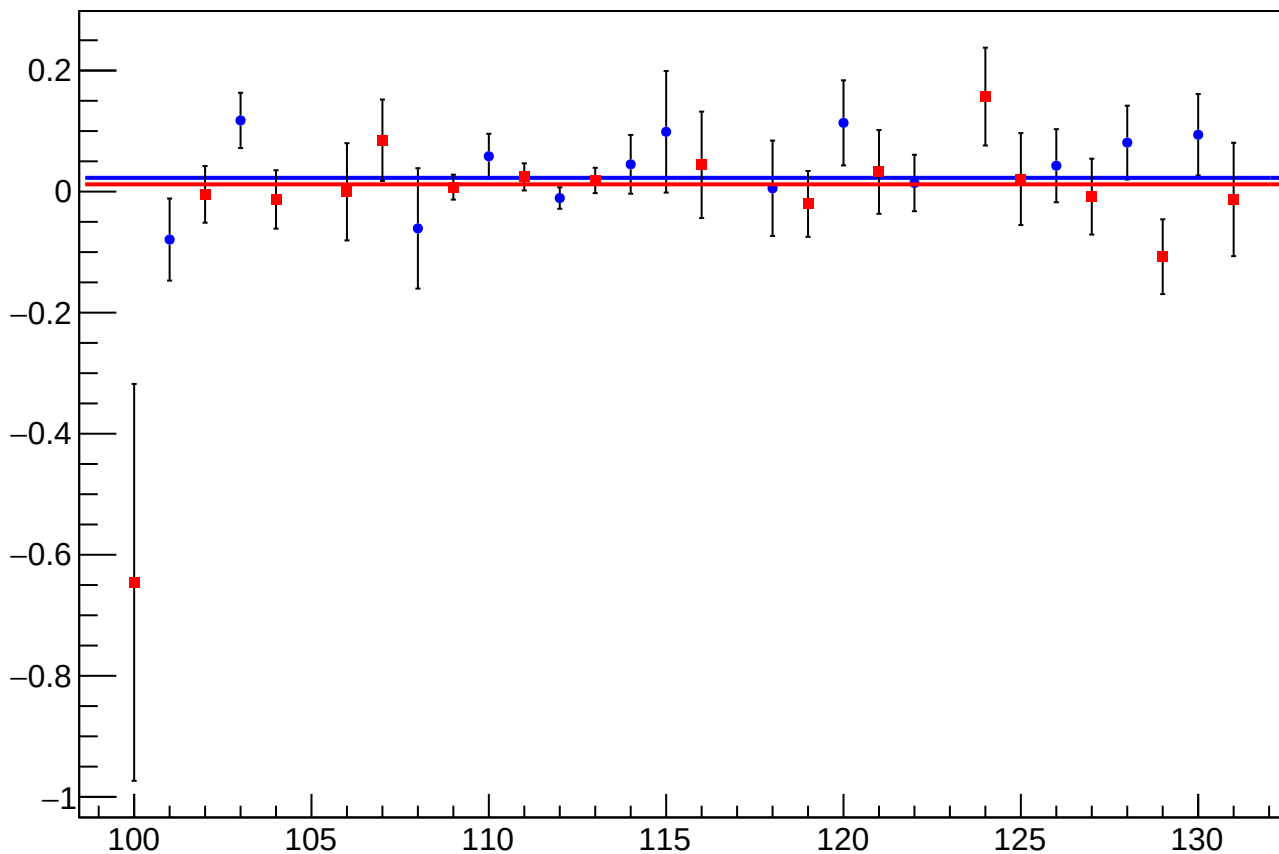
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.374+/-0.006 χ^2/NDF : 5448957.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.023+/-0.012 χ^2/NDF : 16.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.010 χ^2/NDF : 13.8/15

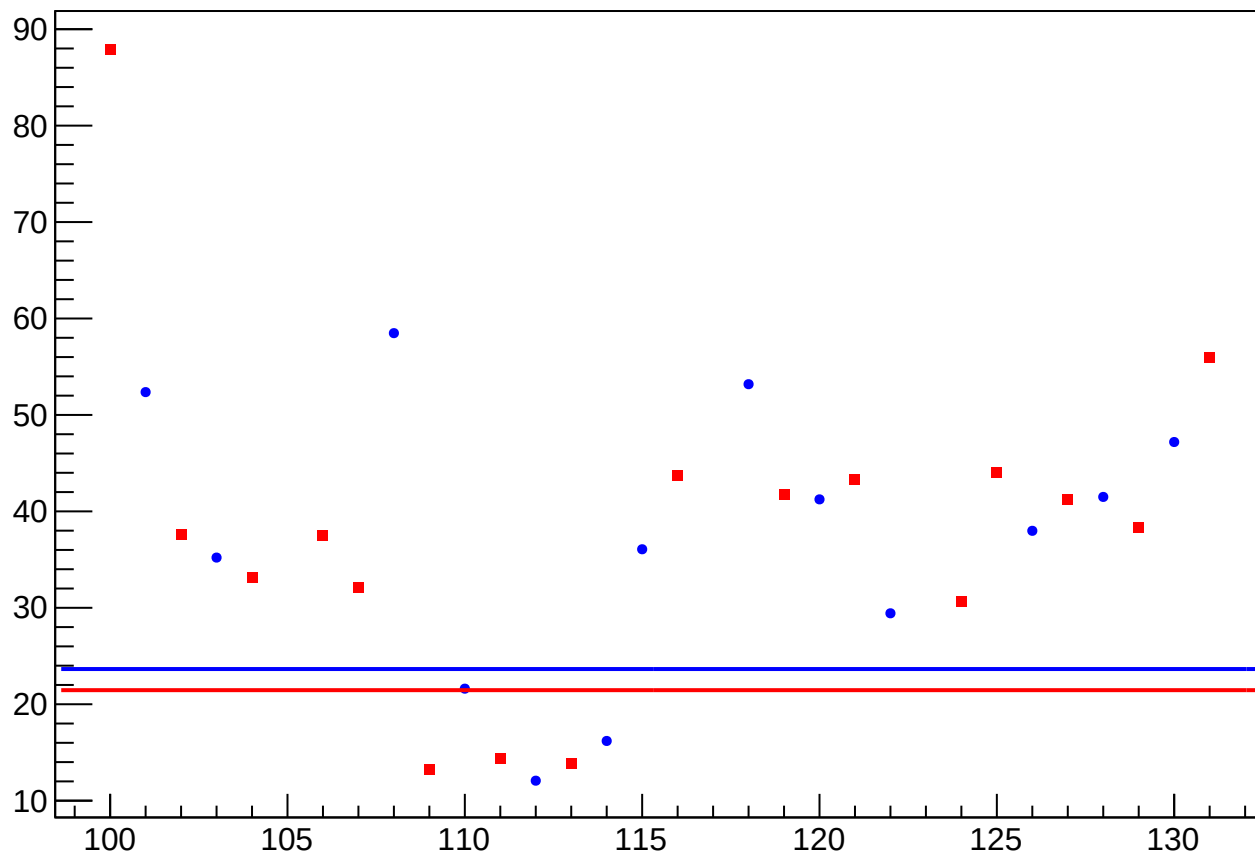
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.008 χ^2/NDF : 30.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 23.651+/-0.009 χ^2/NDF : 2634922.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.460+/-0.007 χ^2/NDF : 2775880.0/15

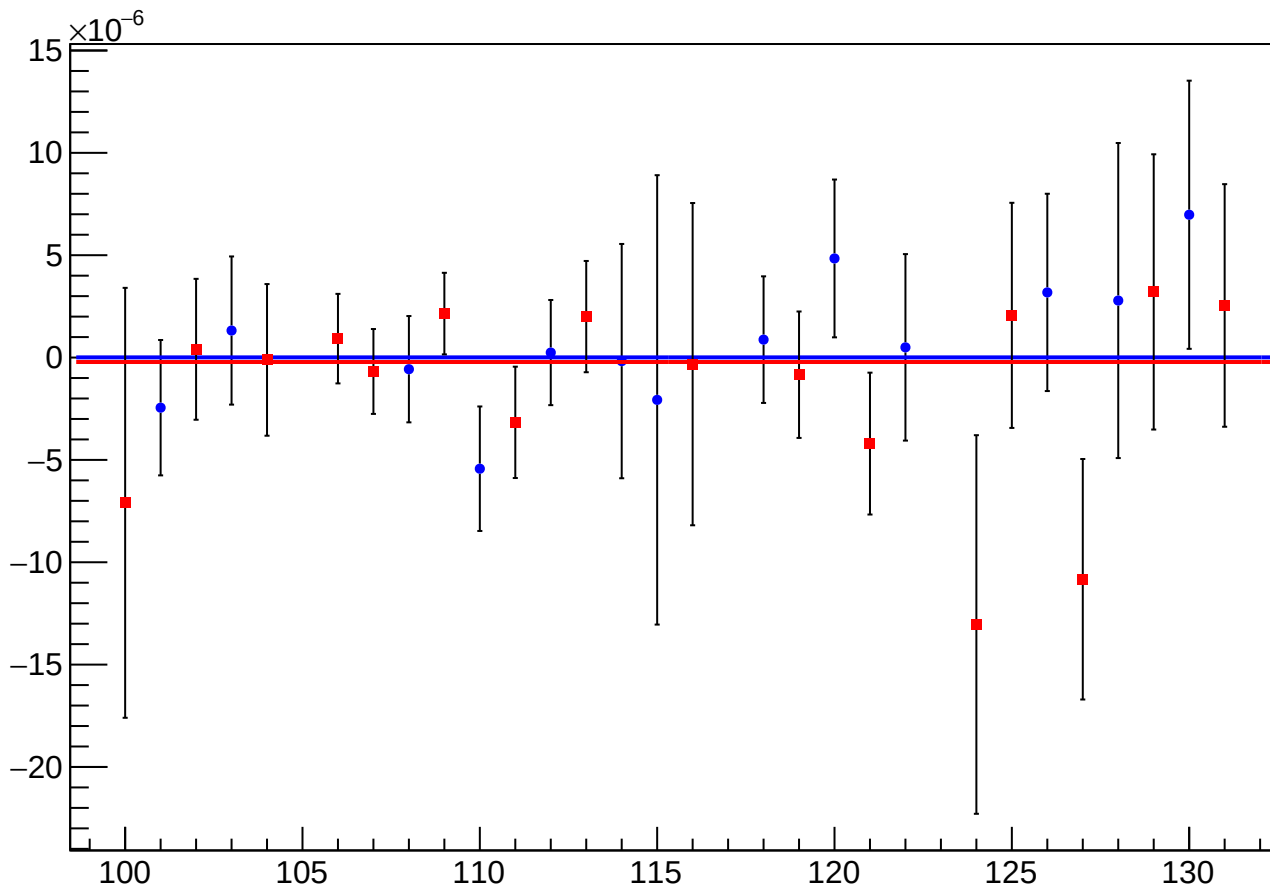
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.374+/-0.006 χ^2/NDF : 5448957.3/28

- 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: 7.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.2/15

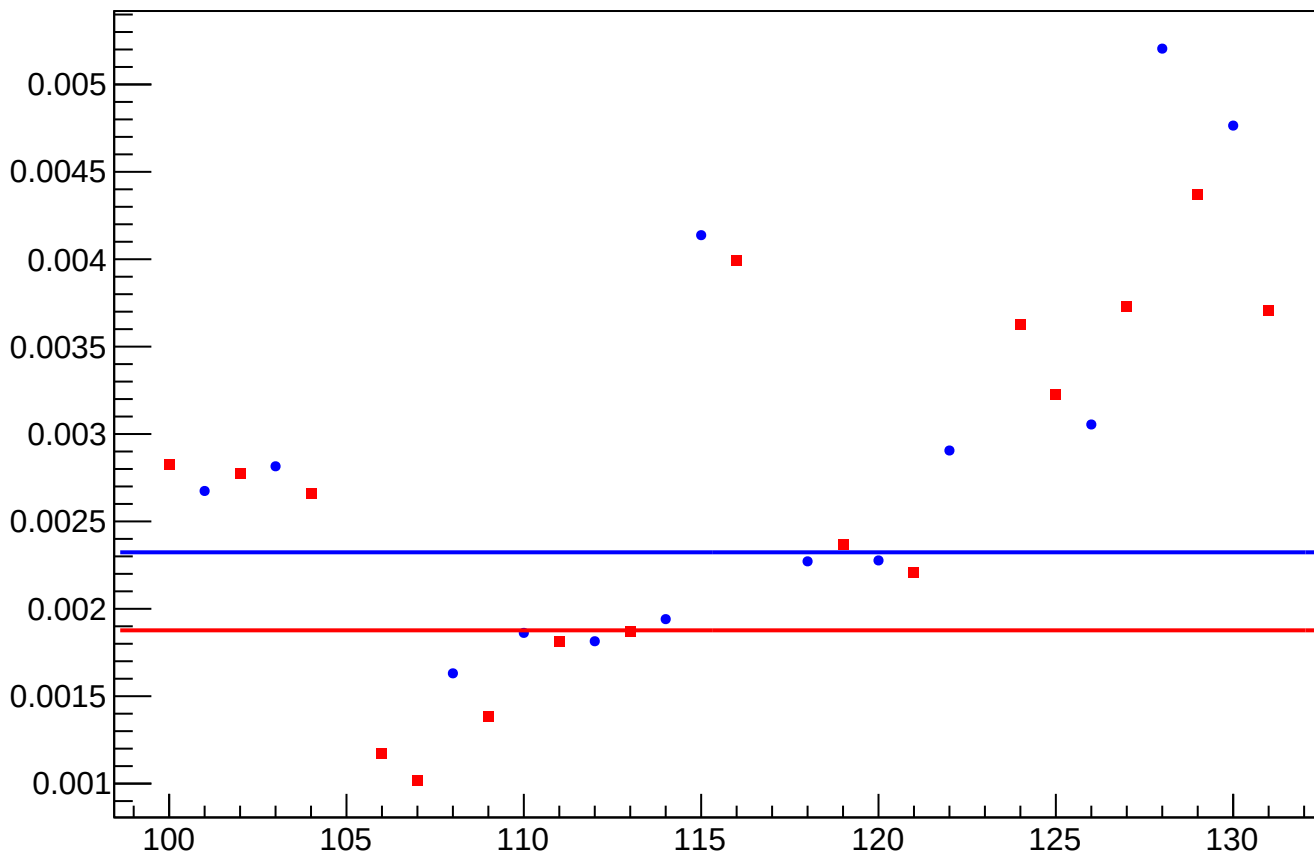
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.6/28

- 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 : 1027610.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1987368.9/15

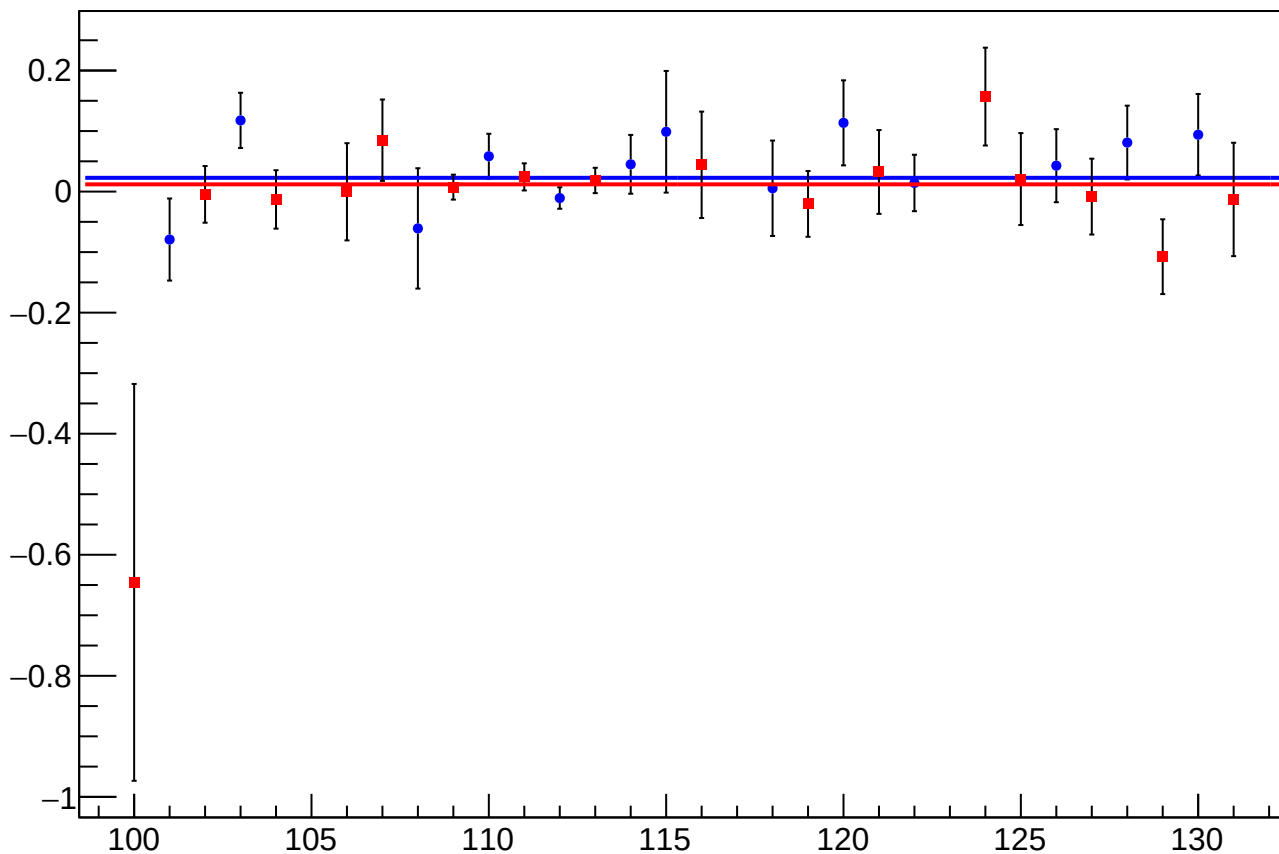
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3239571.6/28

- 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: 0.023 $\pm$ 0.012 χ^2 /NDF: 16.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.012 $\pm$ 0.010 χ^2 /NDF: 13.8/15

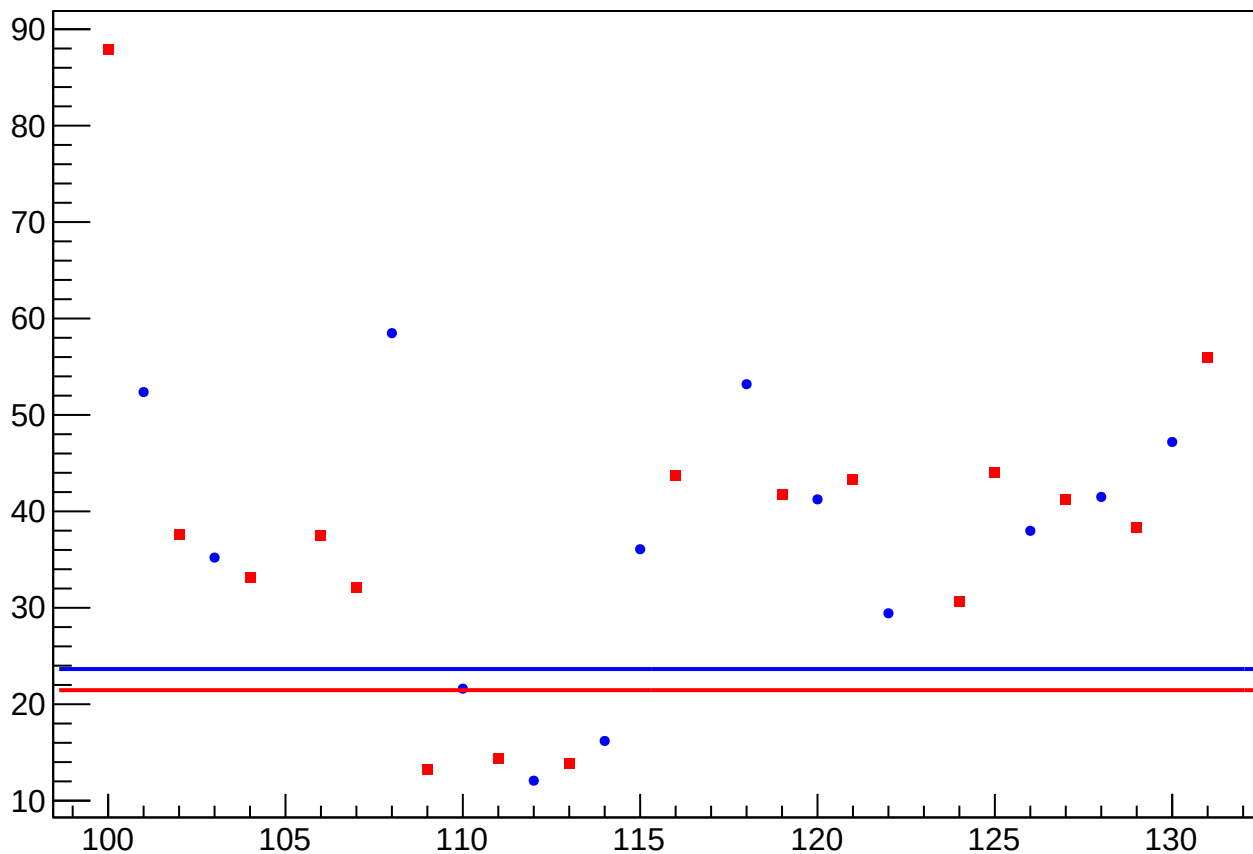
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.016 $\pm$ 0.008 χ^2 /NDF: 30.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 23.650+/-0.009 χ^2/NDF : 2635282.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.460+/-0.007 χ^2/NDF : 2775970.7/15

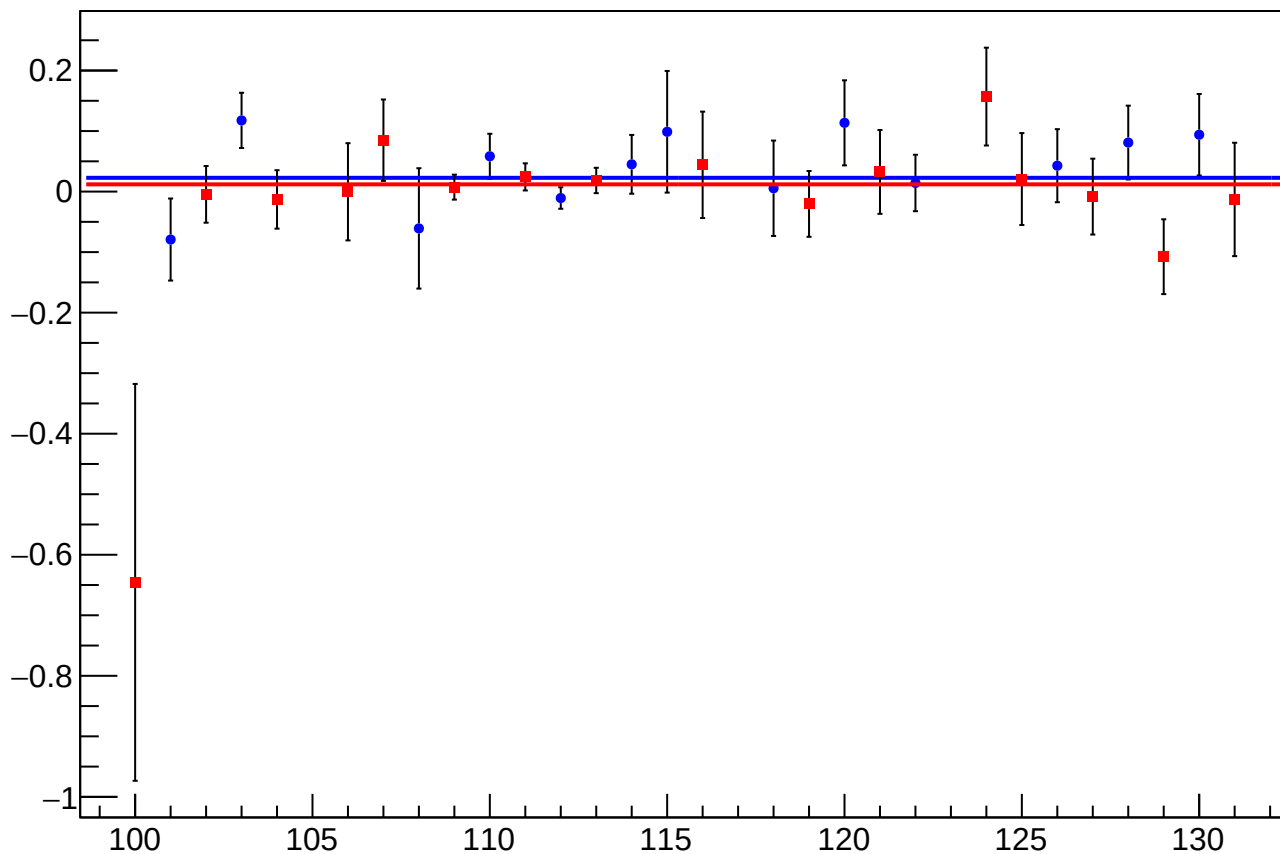
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.373+/-0.006 χ^2/NDF : 5449369.4/28

- 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: 0.023+/-0.012 χ^2/NDF : 16.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.010 χ^2/NDF : 13.8/15

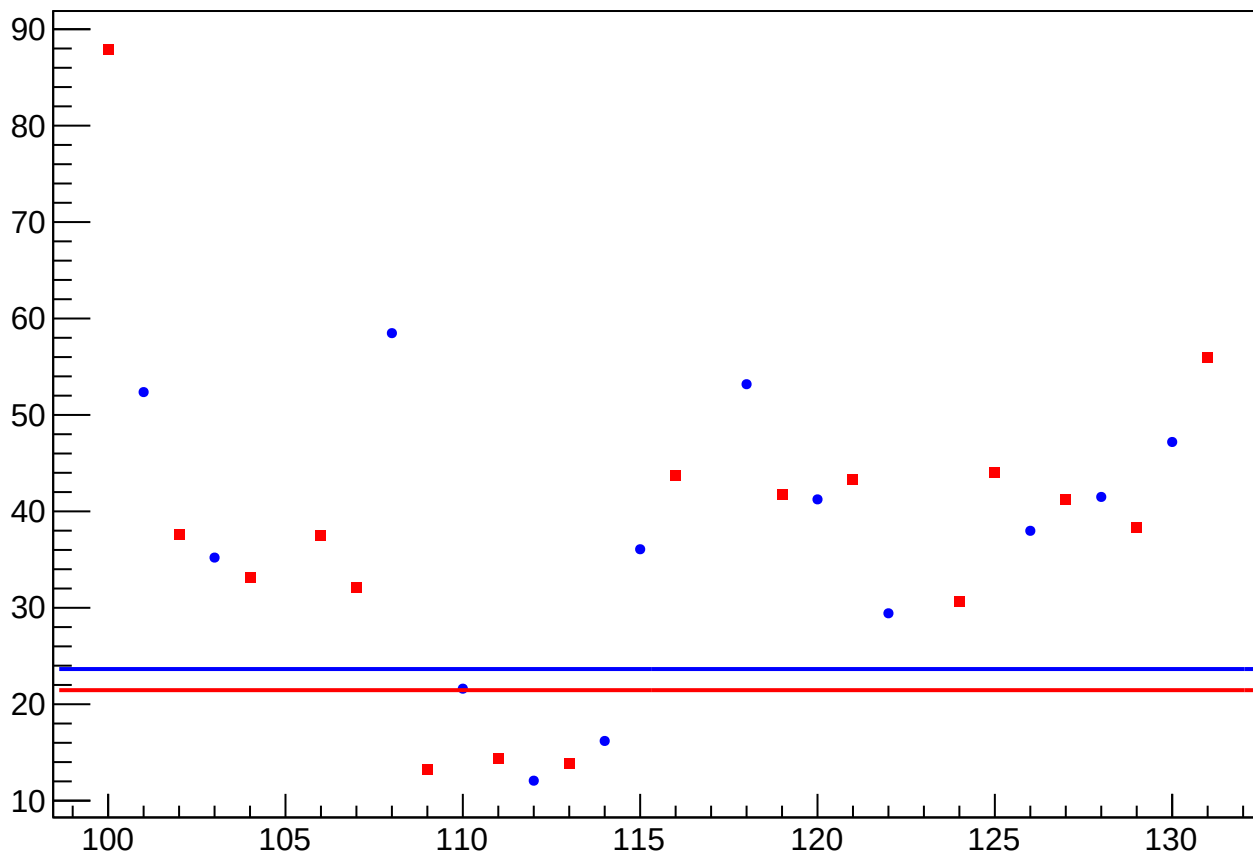
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.008 χ^2/NDF : 30.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 23.650+/-0.009 χ^2/NDF : 2635282.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.460+/-0.007 χ^2/NDF : 2775970.7/15

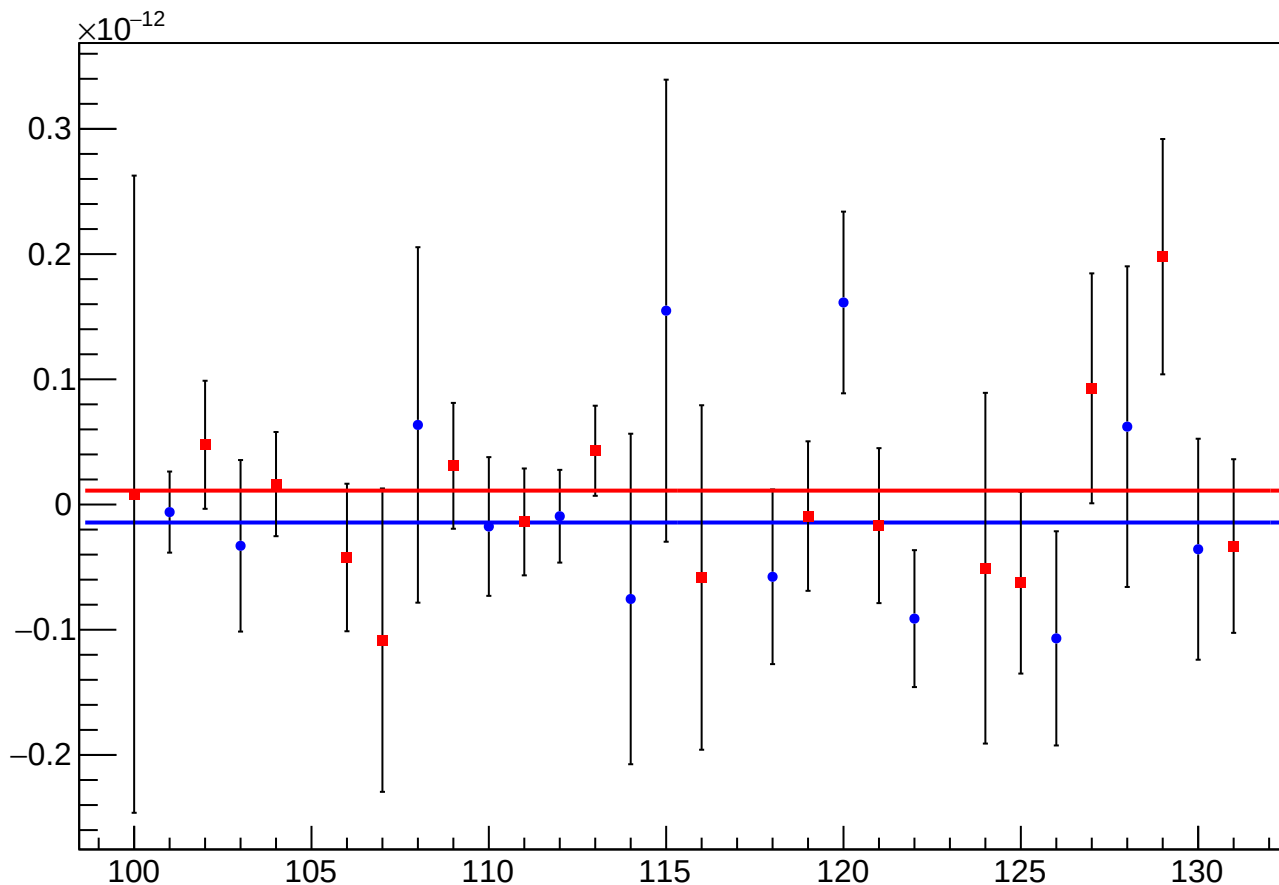
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.373+/-0.006 χ^2/NDF : 5449369.4/28

- 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 : 11.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.6/15

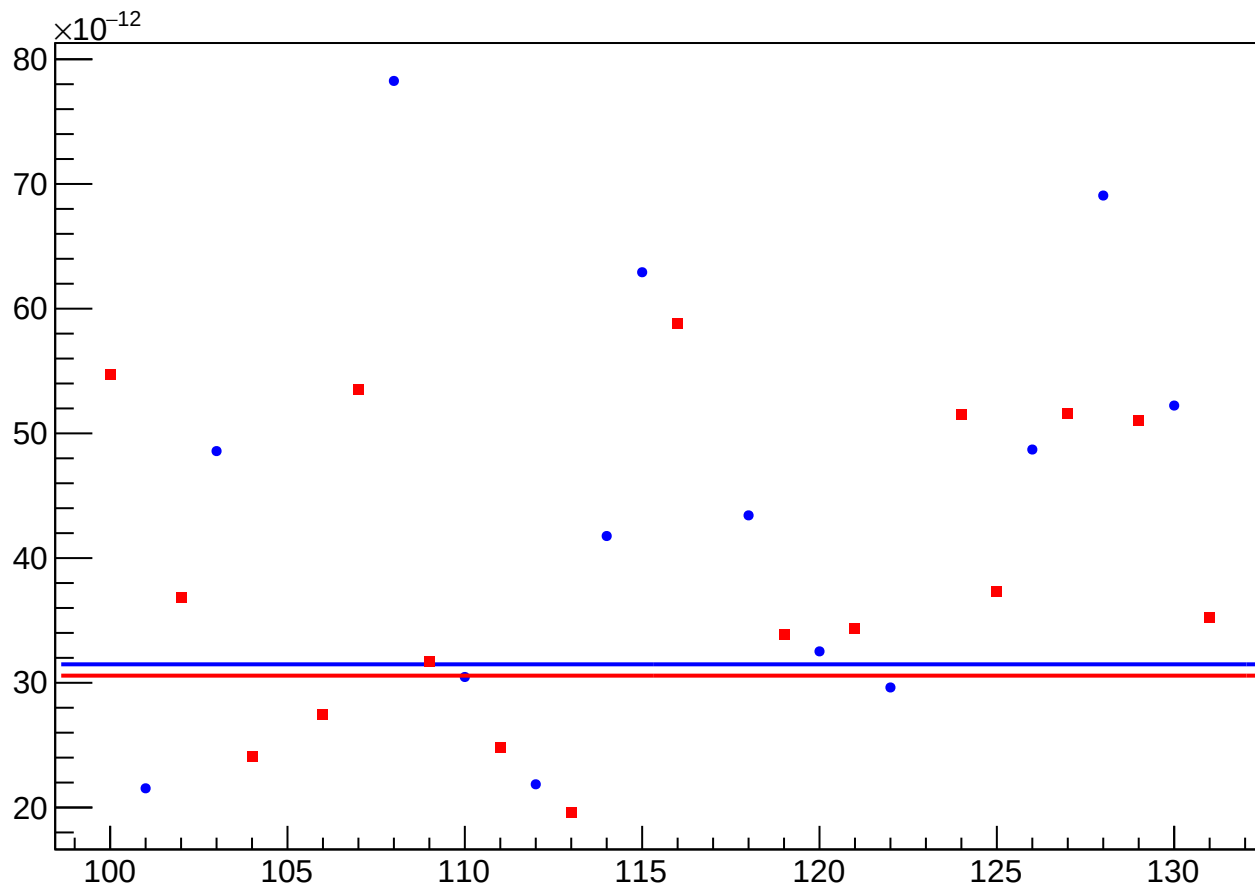
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.1/28

- 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+/-0.000 χ^2/NDF : 1161615.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 766812.1/15

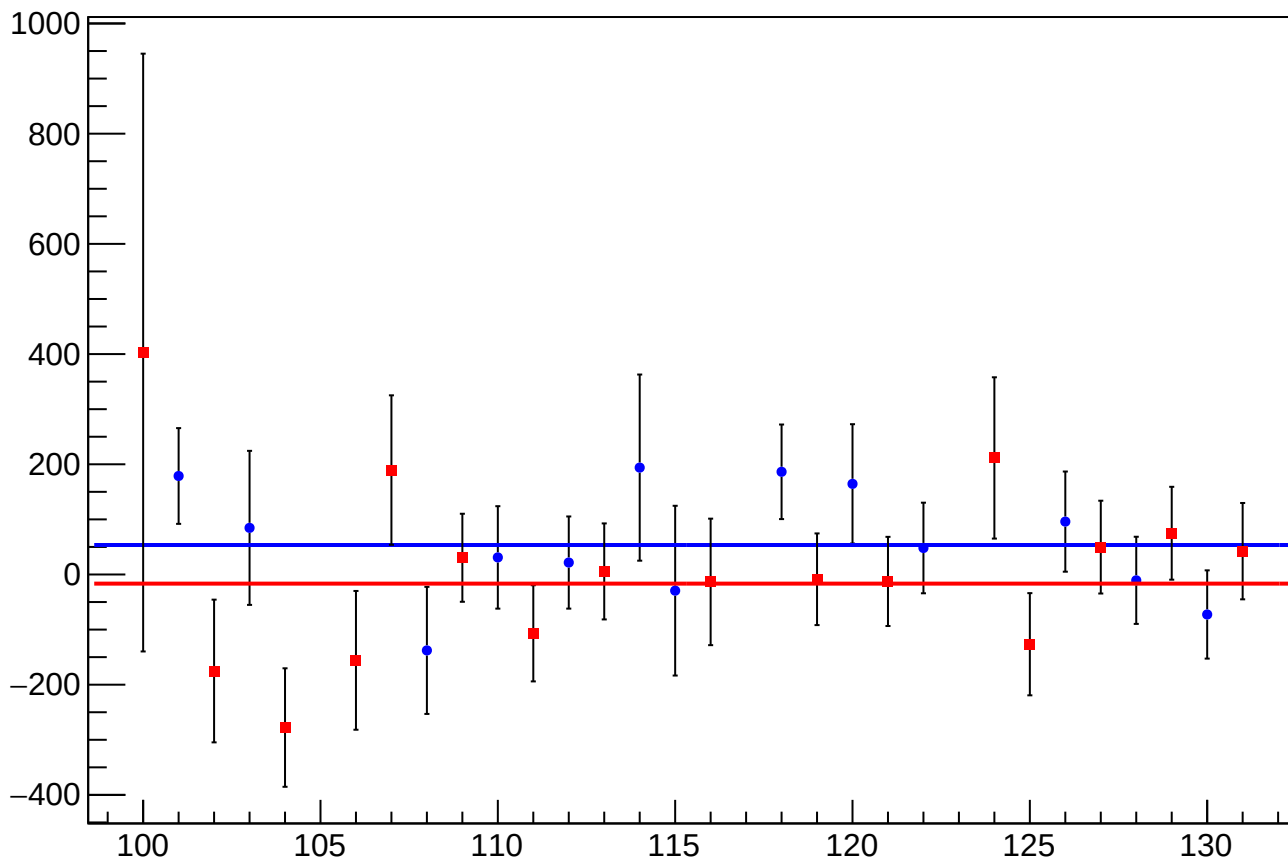
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1931570.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_mean vs Slug



Right In: 53.509 $\pm$ 26.721 χ^2 /NDF: 12.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -16.582 $\pm$ 24.728 χ^2 /NDF: 19.1/15

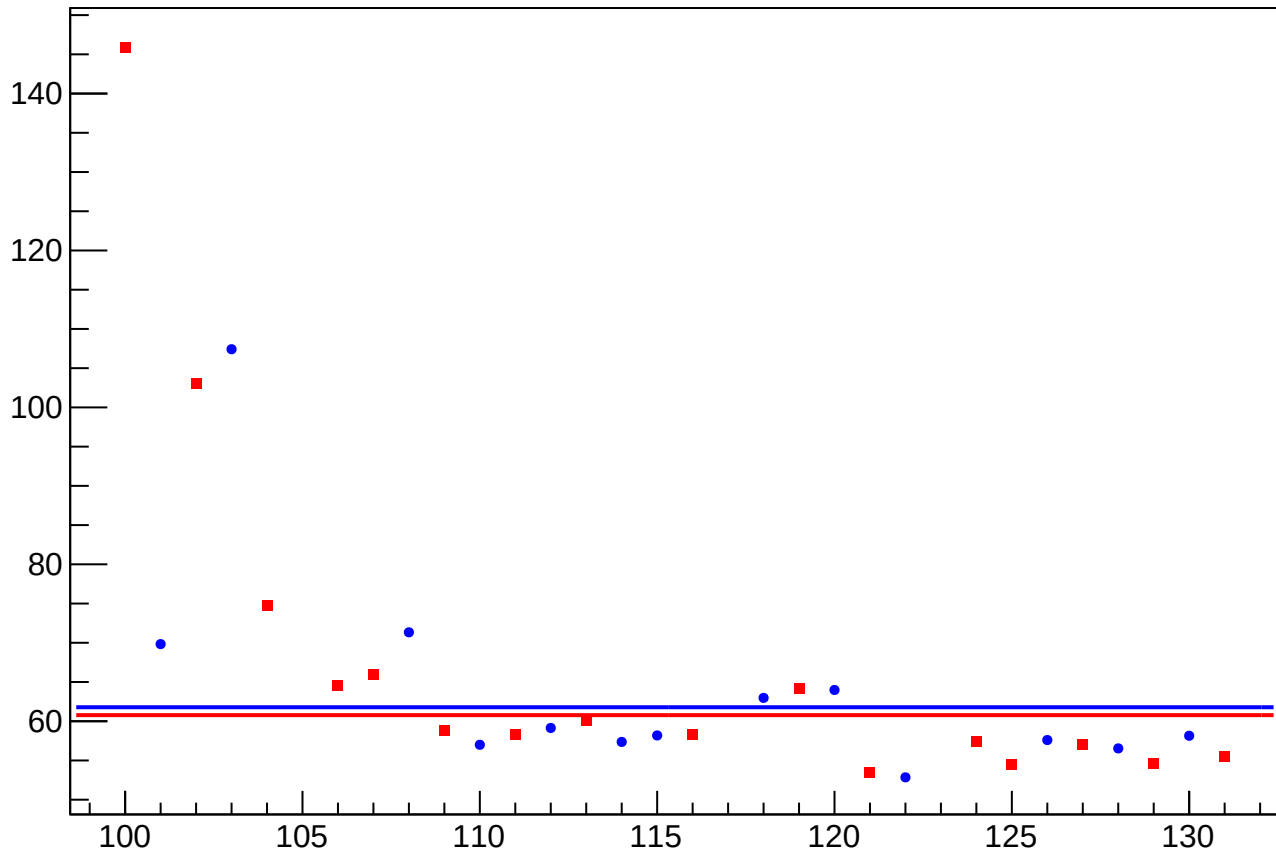
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 15.751 $\pm$ 18.149 χ^2 /NDF: 35.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_13_57_dd_rms vs Slug



Right In: 61.784+/-0.019 χ^2/NDF : 295722.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.777+/-0.017 χ^2/NDF : 357187.2/15

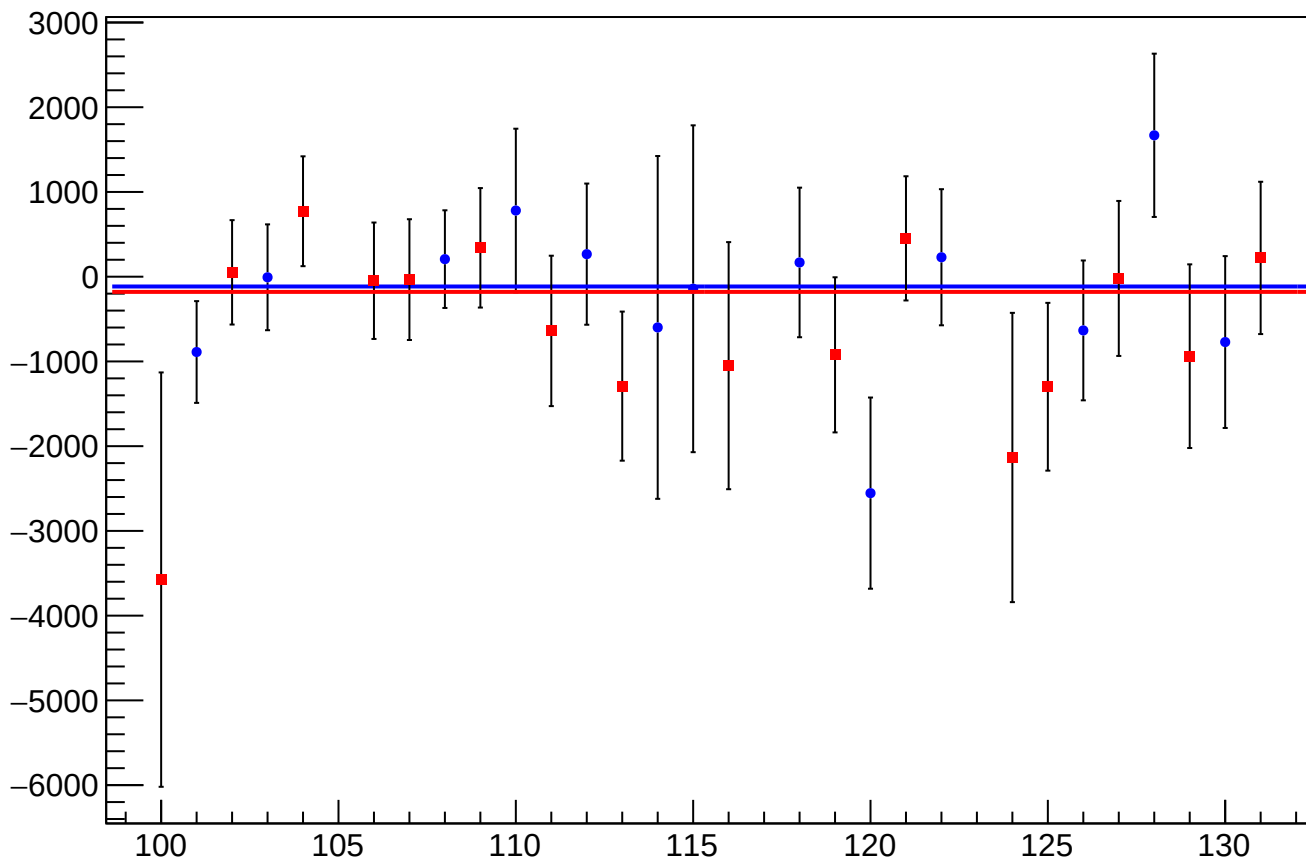
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.241+/-0.013 χ^2/NDF : 654439.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_reg_correction_mean vs Slug



Right In: -115.673 ± 232.412 χ^2/NDF : 12.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -179.280 ± 213.109 χ^2/NDF : 11.8/15

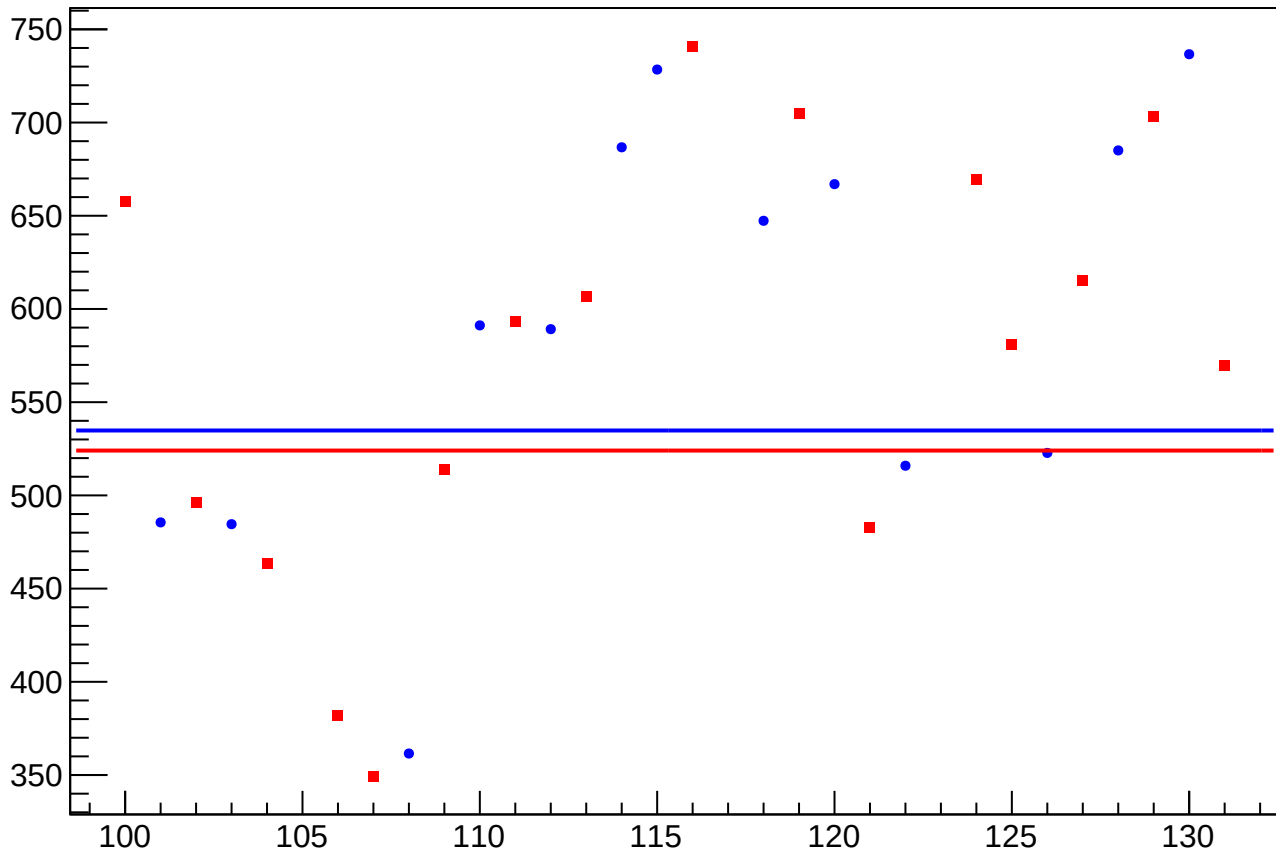
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -150.227 ± 157.072 χ^2/NDF : 24.2/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_reg_correction_rms vs Slug



Right In: 534.814+/-0.164 χ^2/NDF : 443326.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 524.047+/-0.151 χ^2/NDF : 493445.0/15

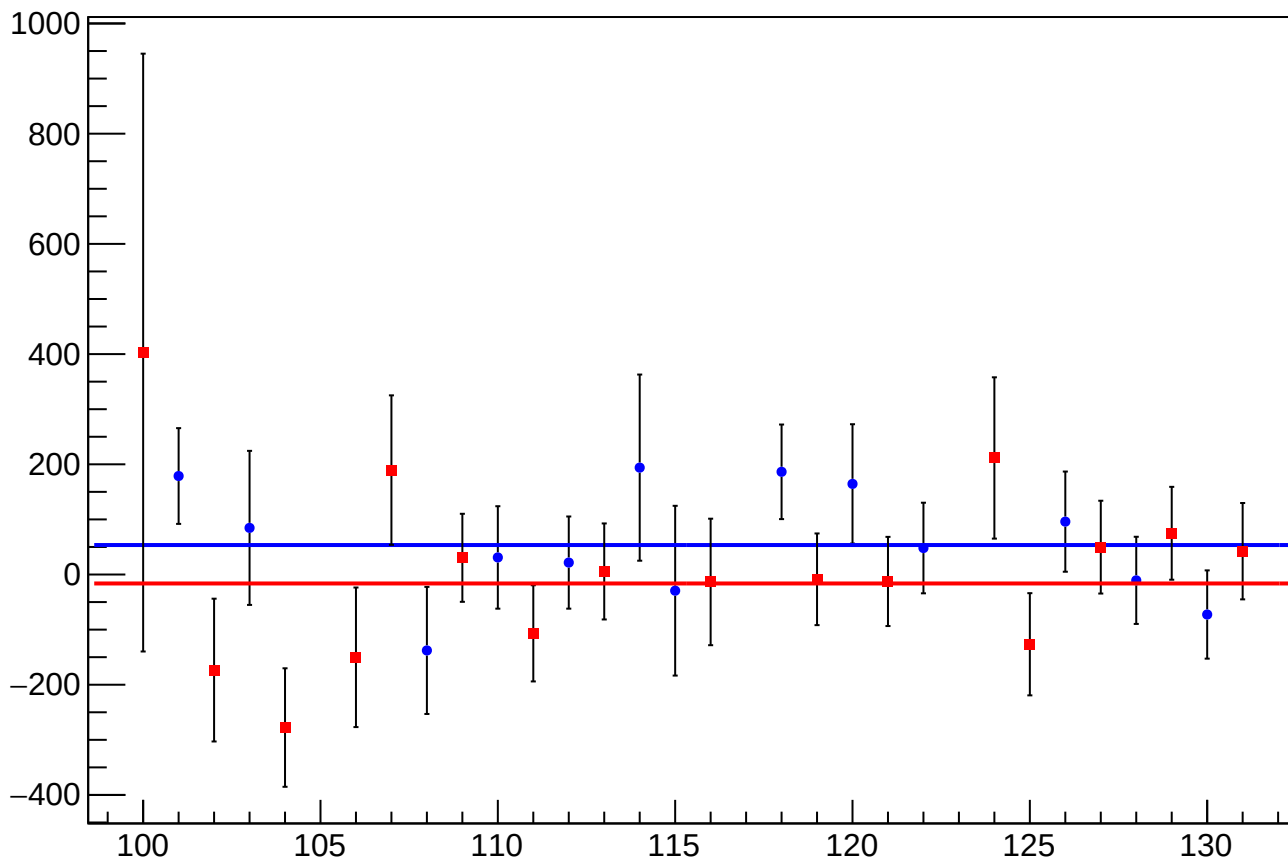
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 528.965+/-0.111 χ^2/NDF : 939103.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_13_57_dd_mean vs Slug



Right In: 53.511+/-26.721 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.239+/-24.733 χ^2/NDF : 19.0/15

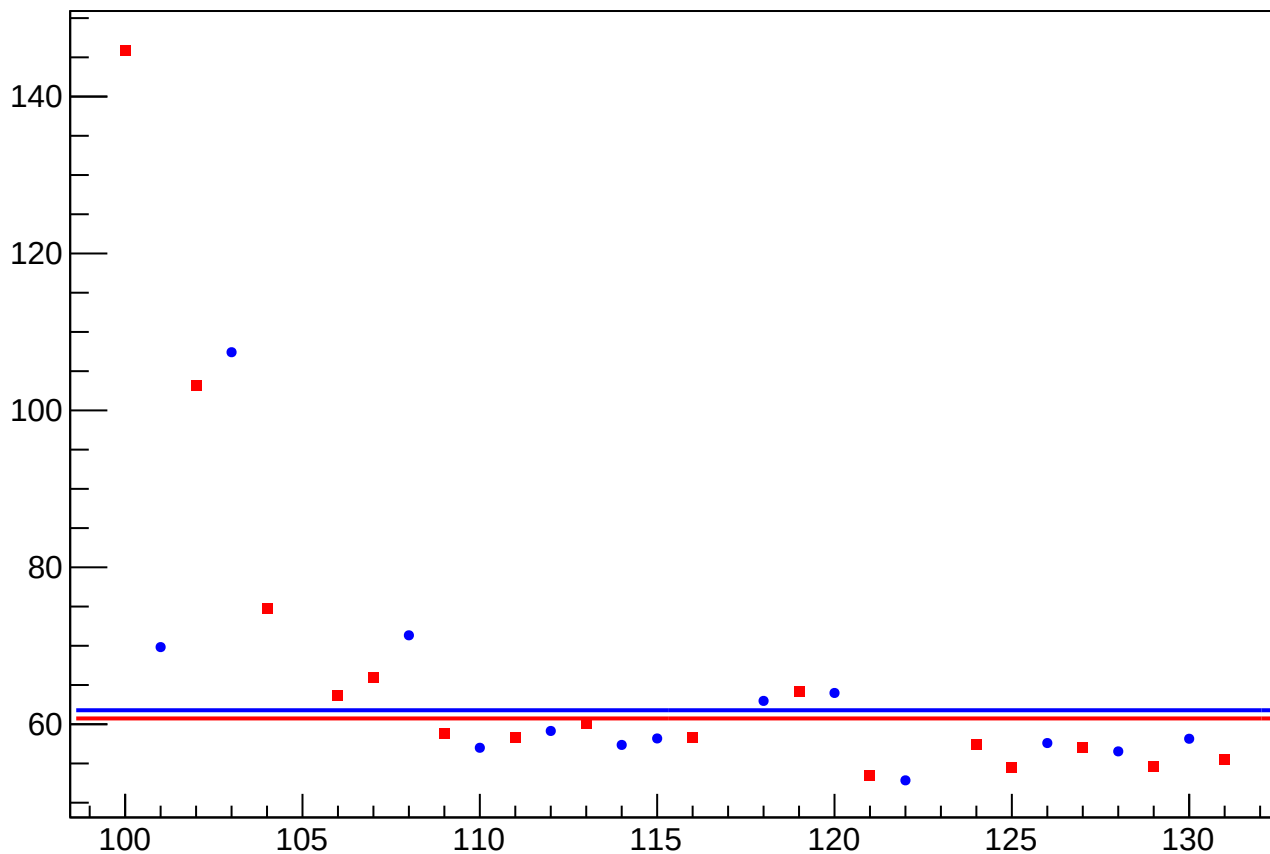
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.945+/-18.151 χ^2/NDF : 35.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_13_57_dd_rms vs Slug



Right In: 61.784 $\pm$ 0.019 χ^2 /NDF: 295724.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 60.738 $\pm$ 0.017 χ^2 /NDF: 356571.2/15

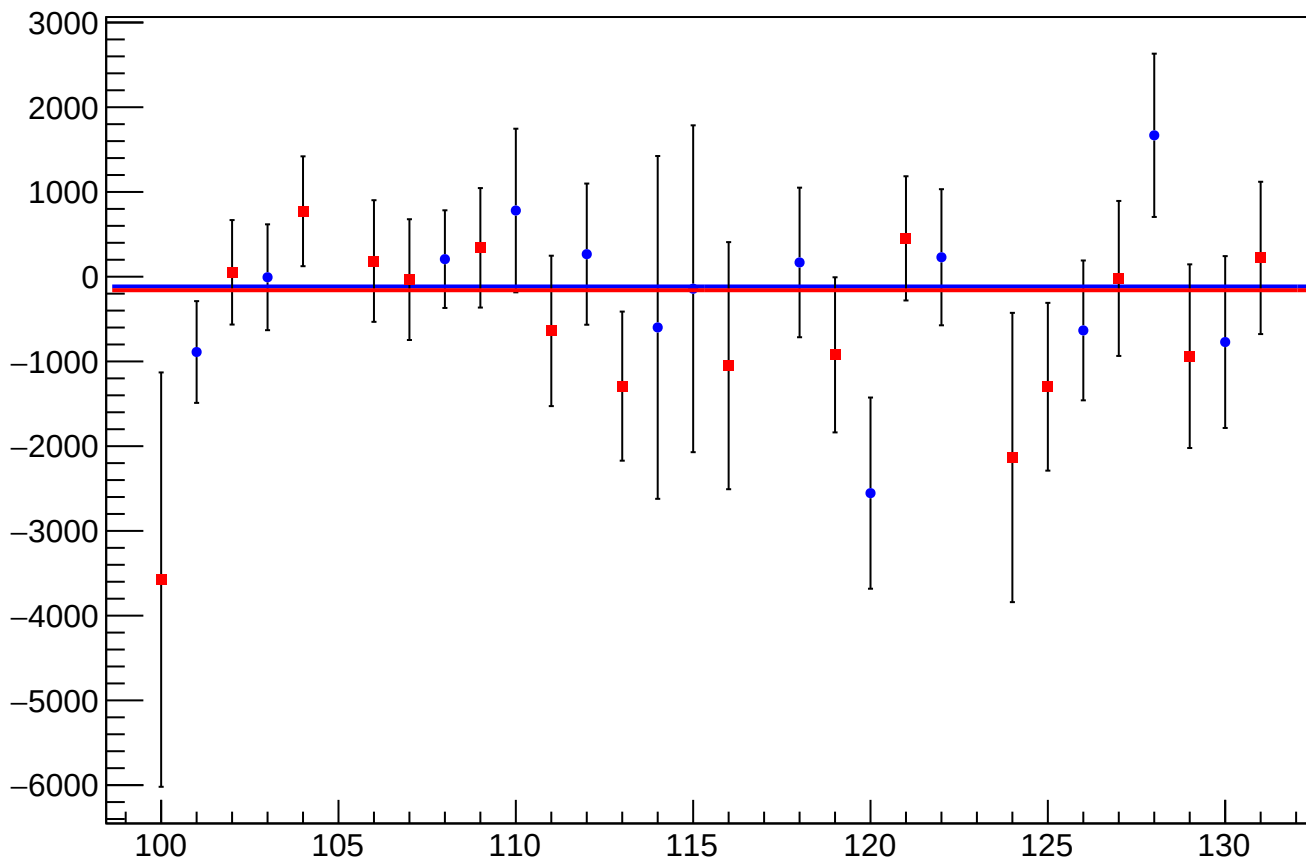
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 61.220 $\pm$ 0.013 χ^2 /NDF: 653946.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_cor_correction_mean vs Slug



Right In: -115.605 $\pm$ 232.414 χ^2 /NDF: 12.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -159.720 $\pm$ 214.002 χ^2 /NDF: 12.0/15

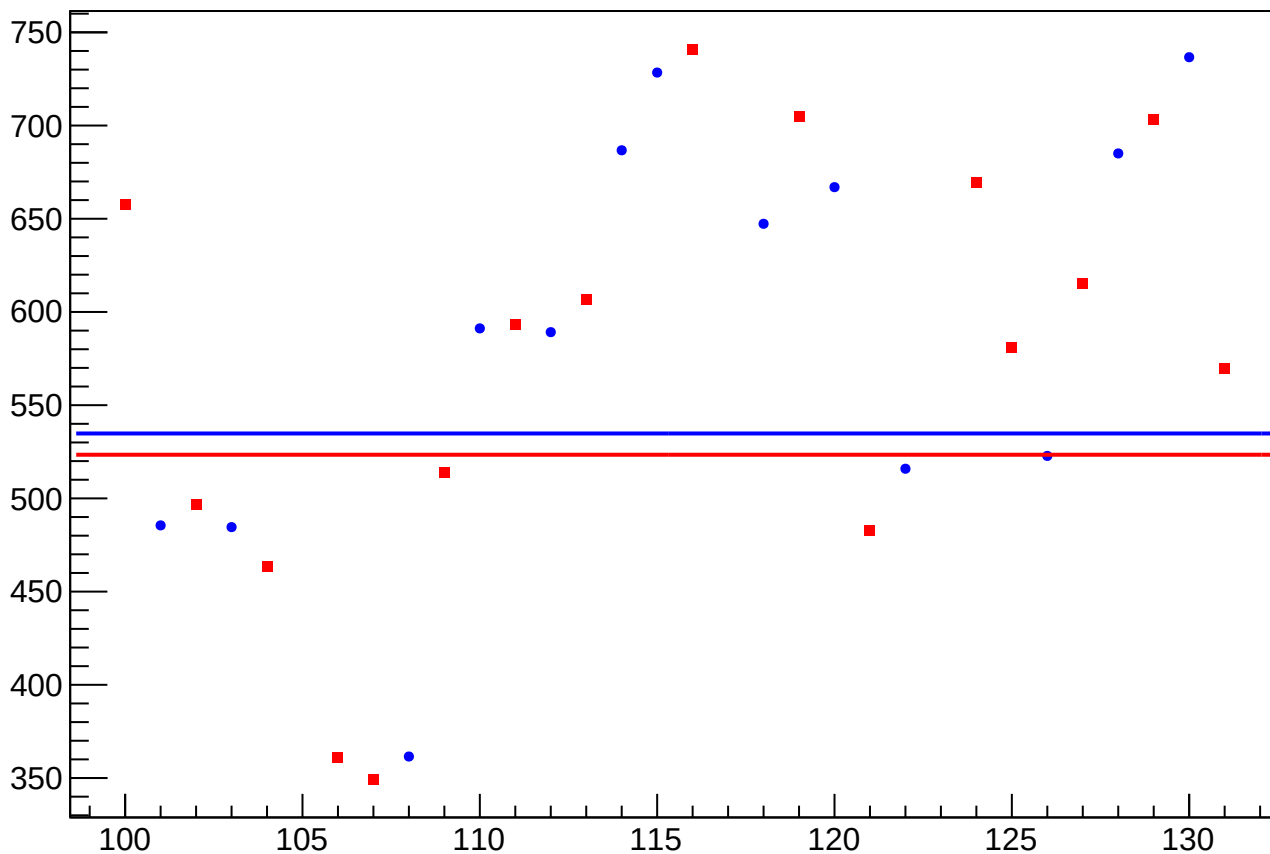
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -139.479 $\pm$ 157.429 χ^2 /NDF: 24.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_cor_correction_rms vs Slug



Right In: 534.819+/-0.164 χ^2/NDF : 443308.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 523.414+/-0.151 χ^2/NDF : 510876.3/15

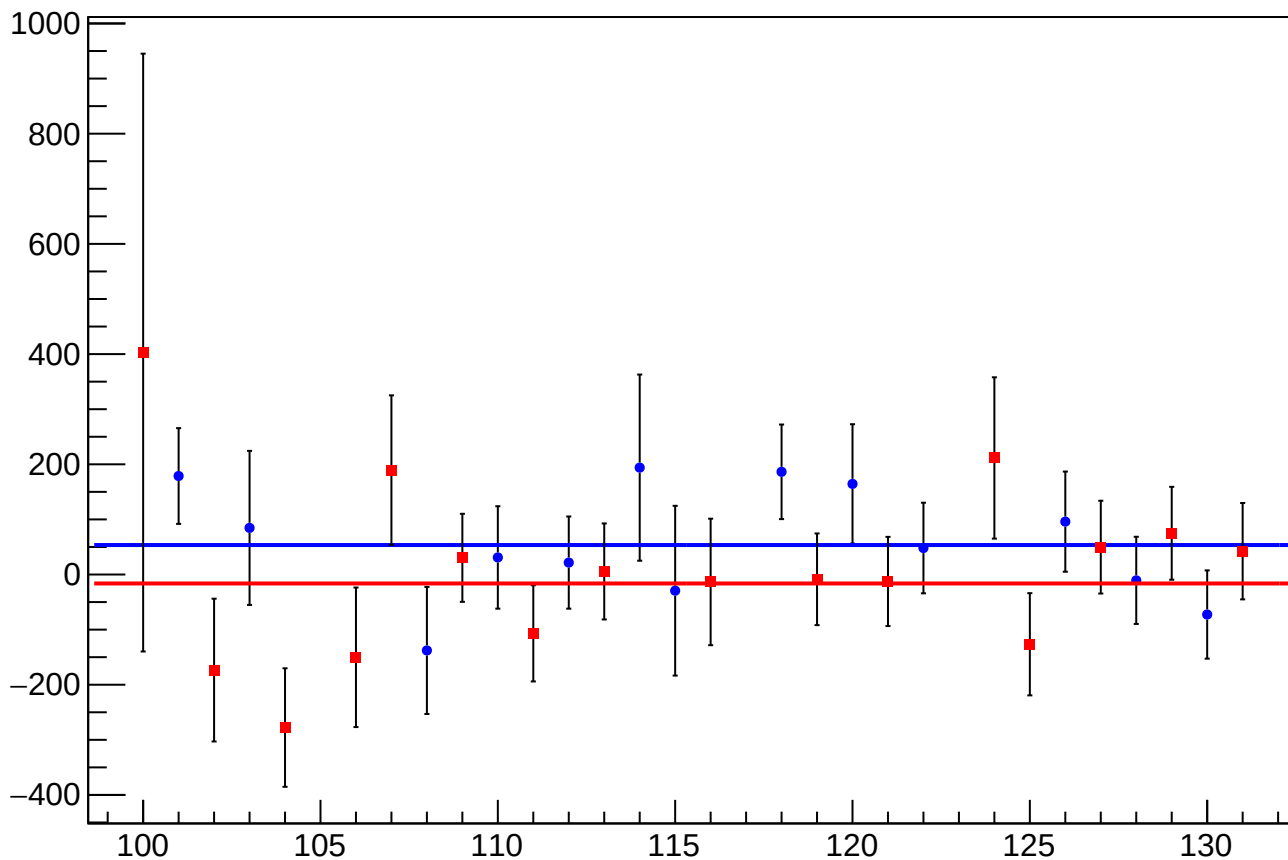
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 528.647+/-0.111 χ^2/NDF : 956791.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_13_57_dd_mean vs Slug



Right In: 53.511+/-26.721 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.239+/-24.733 χ^2/NDF : 19.0/15

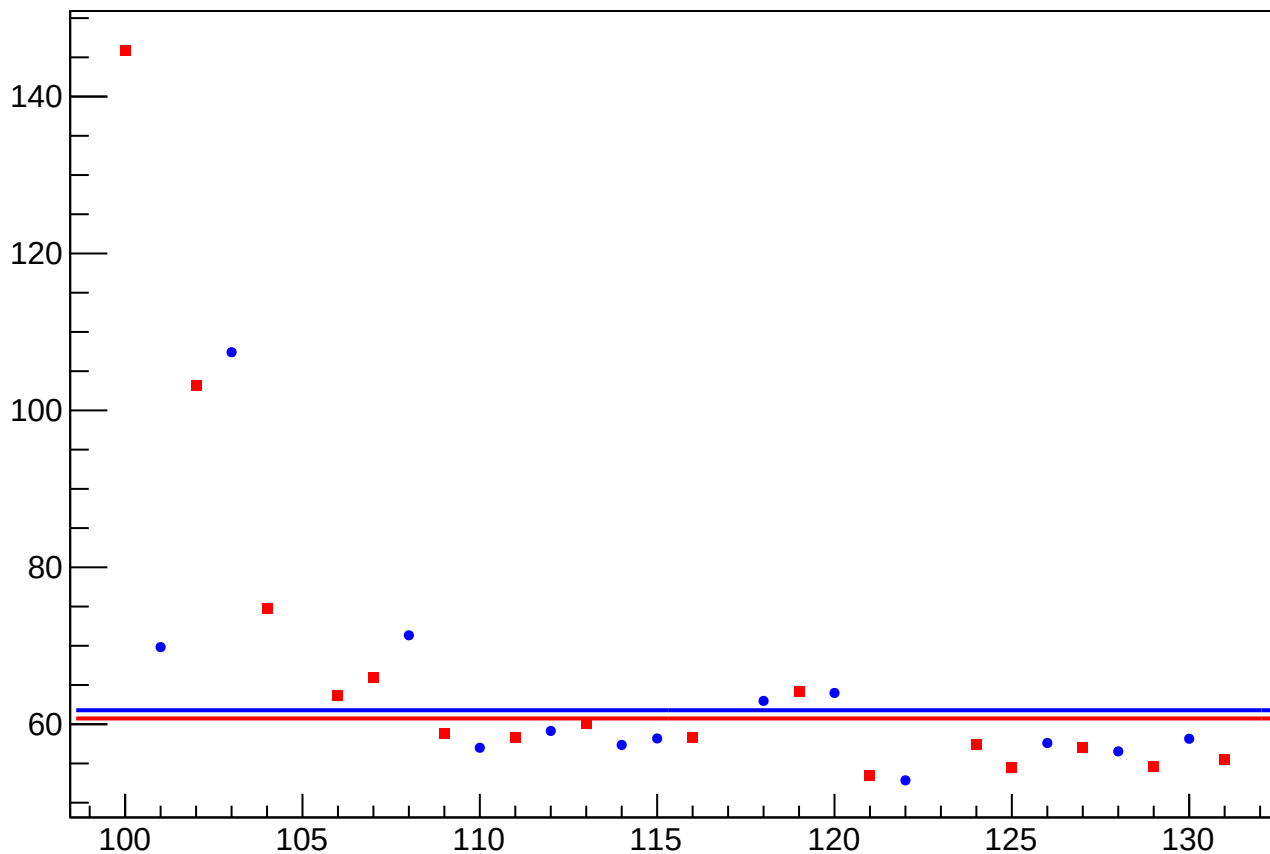
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.945+/-18.151 χ^2/NDF : 35.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_13_57_dd_rms vs Slug



Right In: 61.784 $\pm$ 0.019 χ^2 /NDF: 295724.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 60.738 $\pm$ 0.017 χ^2 /NDF: 356571.2/15

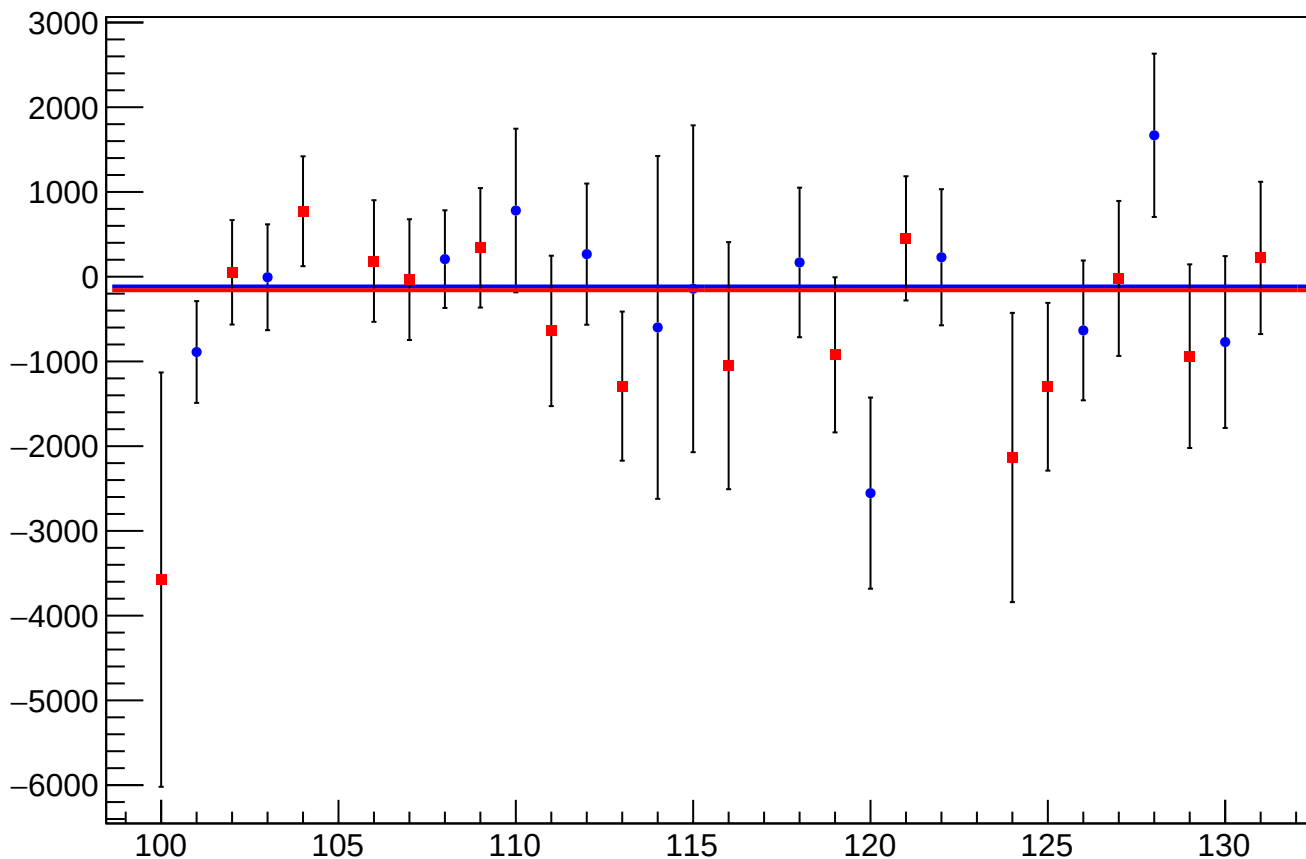
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 61.220 $\pm$ 0.013 χ^2 /NDF: 653946.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_cor_correction_mean vs Slug



Right In: -115.605 $\pm$ 232.414 χ^2 /NDF: 12.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -159.720 $\pm$ 214.002 χ^2 /NDF: 12.0/15

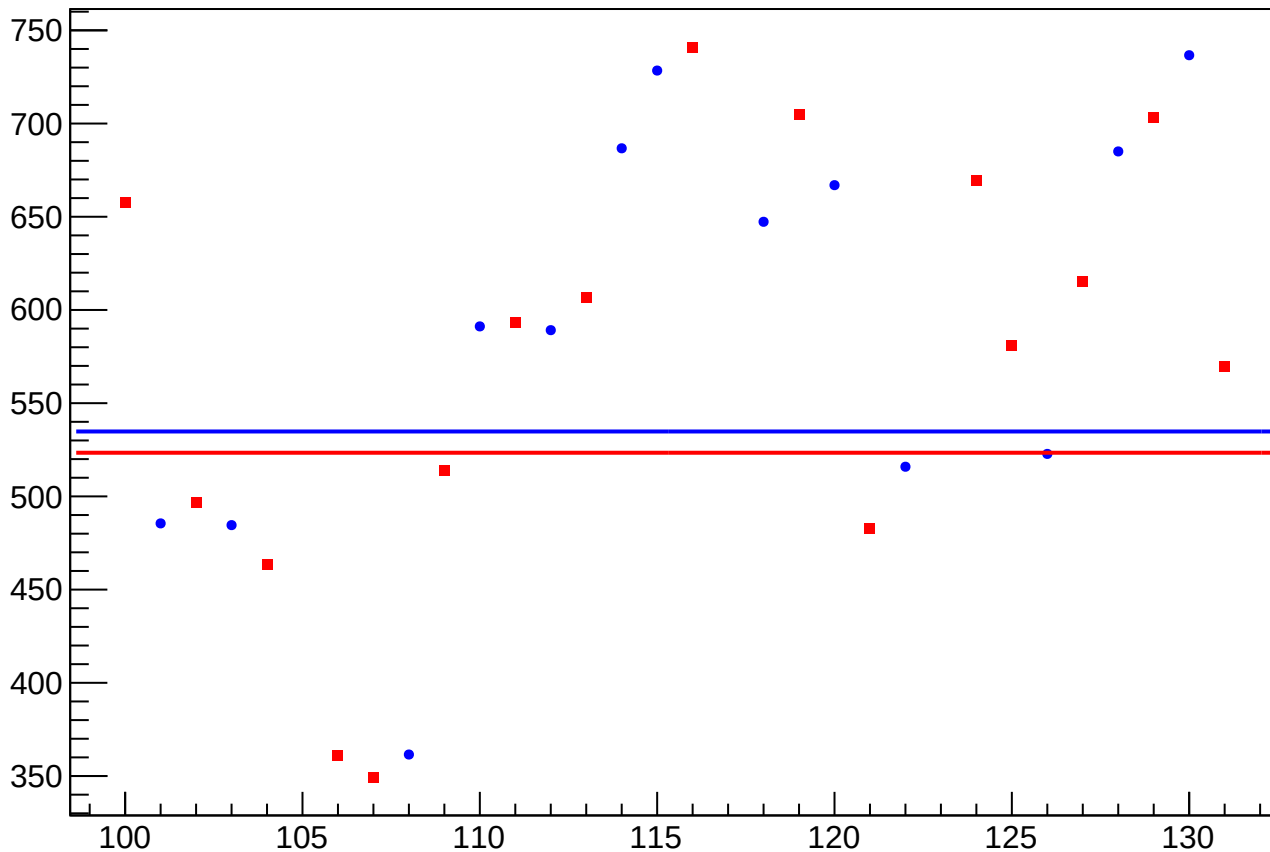
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -139.479 $\pm$ 157.429 χ^2 /NDF: 24.3/28

- 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: 534.819+/-0.164 χ^2/NDF : 443308.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 523.414+/-0.151 χ^2/NDF : 510876.3/15

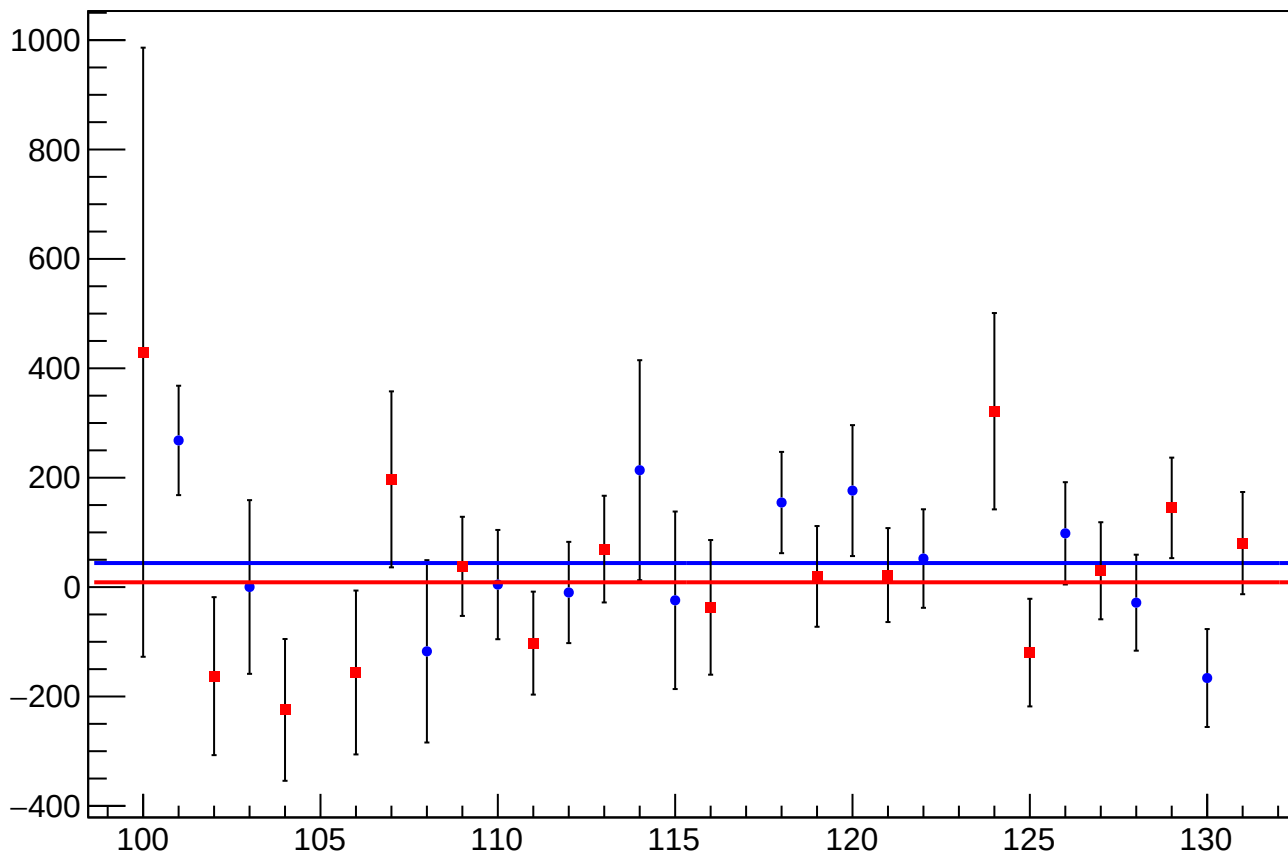
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 528.647+/-0.111 χ^2/NDF : 956791.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_13_57_dd_mean vs Slug



Right In: 43.986 $\pm$ 29.694 χ^2/NDF : 16.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 8.790 $\pm$ 27.241 χ^2/NDF : 17.4/15

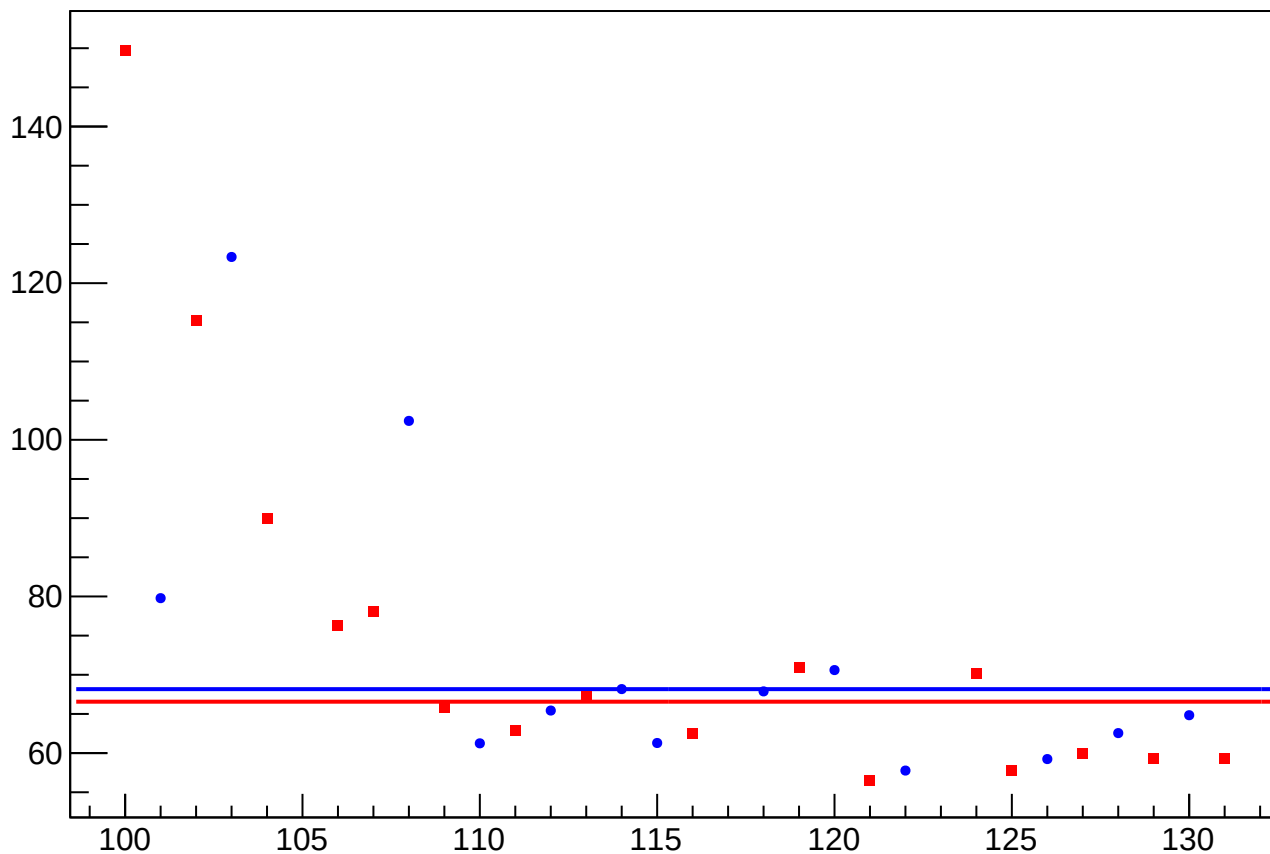
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 24.875 $\pm$ 20.074 χ^2/NDF : 34.8/28

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_13_57_dd_rms vs Slug



Right In: 68.165 $\pm$ 0.021 χ^2 /NDF: 424559.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 66.564 $\pm$ 0.019 χ^2 /NDF: 445705.0/15

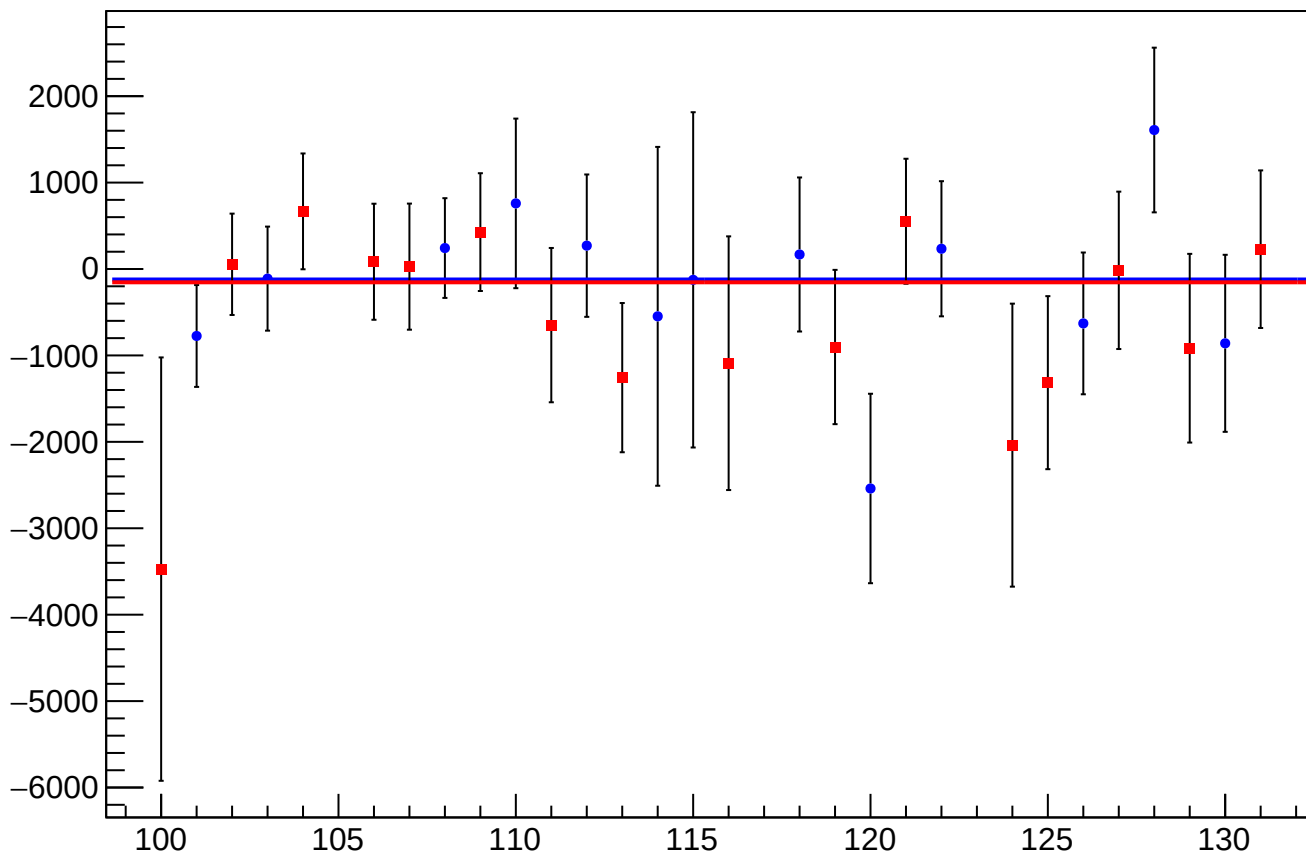
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 67.296 $\pm$ 0.014 χ^2 /NDF: 873423.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_dit_correction_mean vs Slug



Right In: -121.468 ± 229.729 χ^2/NDF : 12.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -153.822 ± 211.296 χ^2/NDF : 11.7/15

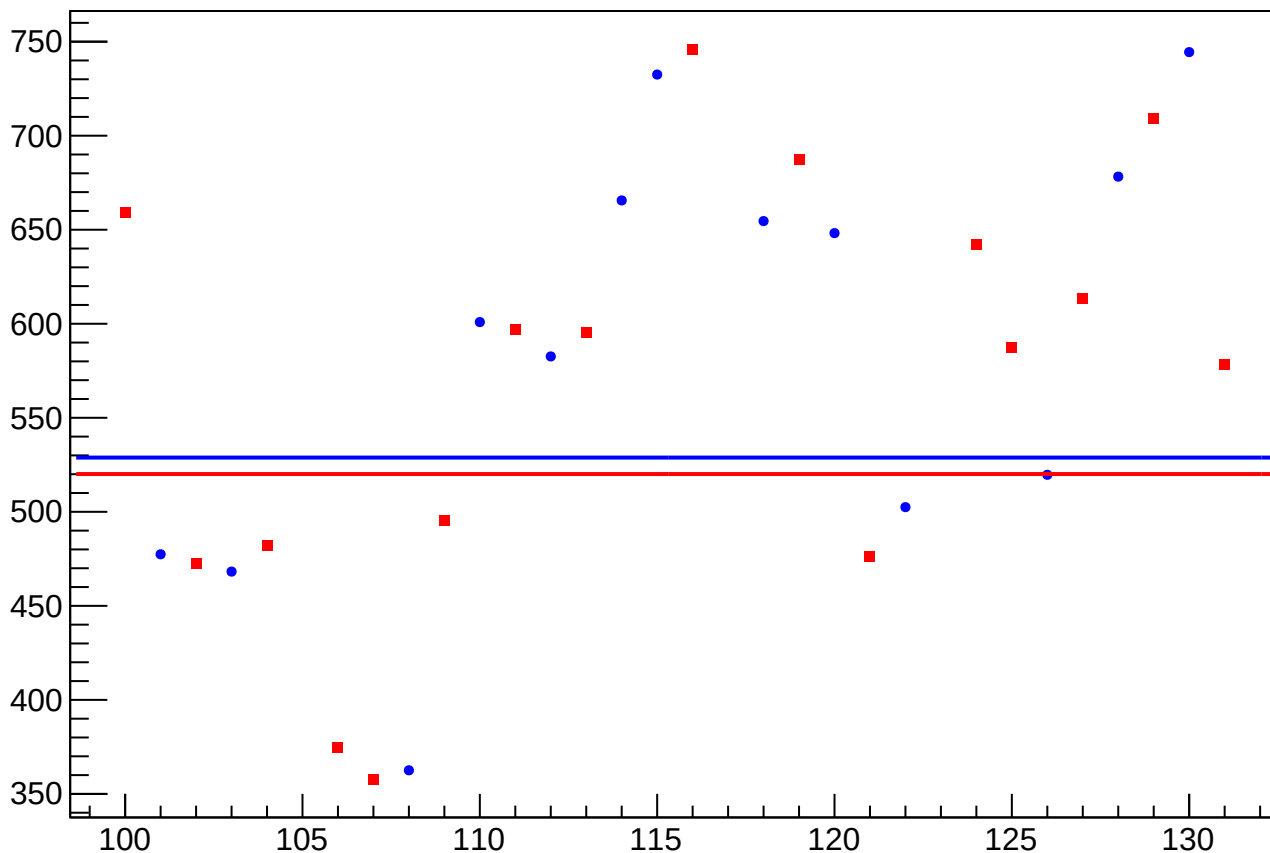
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -138.995 ± 155.518 χ^2/NDF : 23.8/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_dit_correction_rms vs Slug



Right In: 528.845+/-0.162 χ^2/NDF : 456518.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

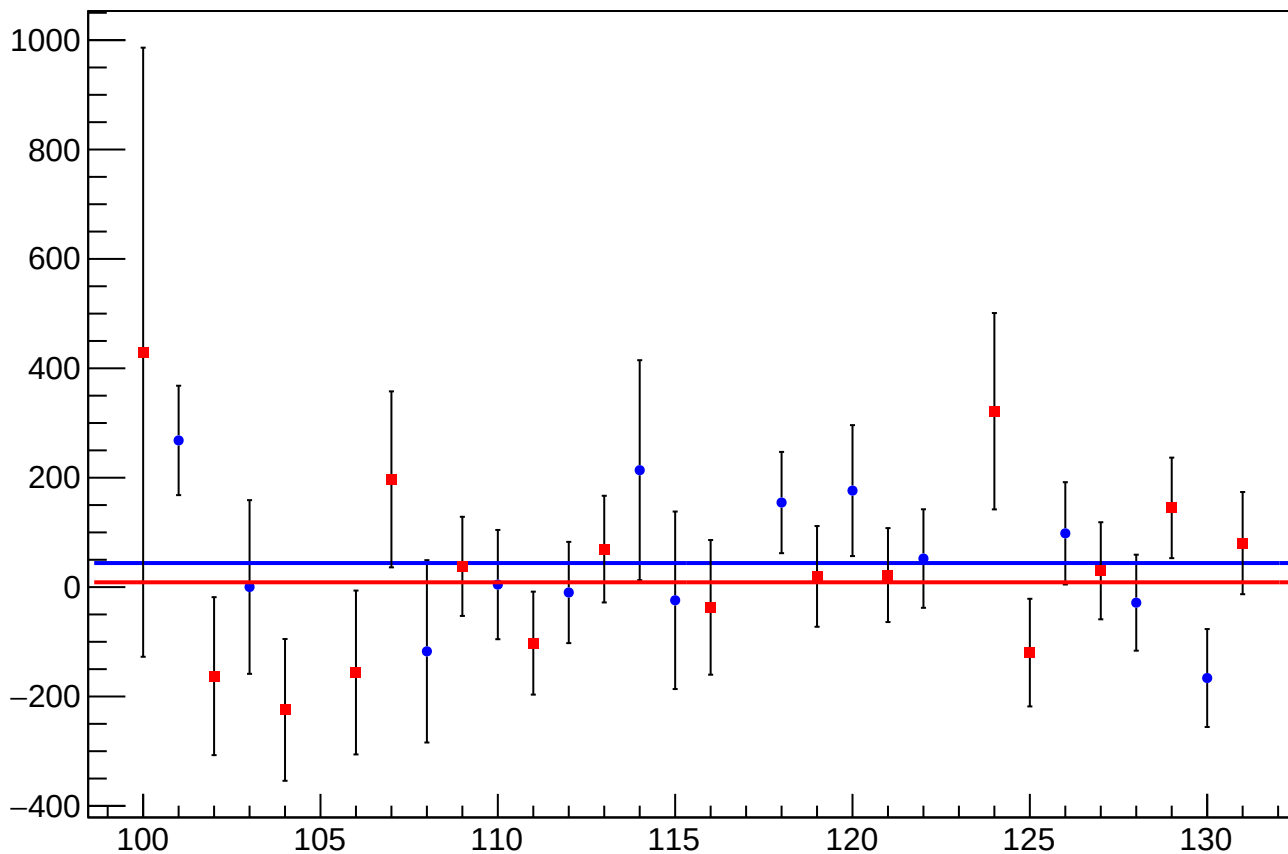
Right Out: 520.089+/-0.149 χ^2/NDF : 485836.0/15

All: 524.102+/-0.110 χ^2/NDF : 943928.2/28

- 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: 43.987 $\pm$ 29.694 χ^2 /NDF: 16.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.791 $\pm$ 27.241 χ^2 /NDF: 17.4/15

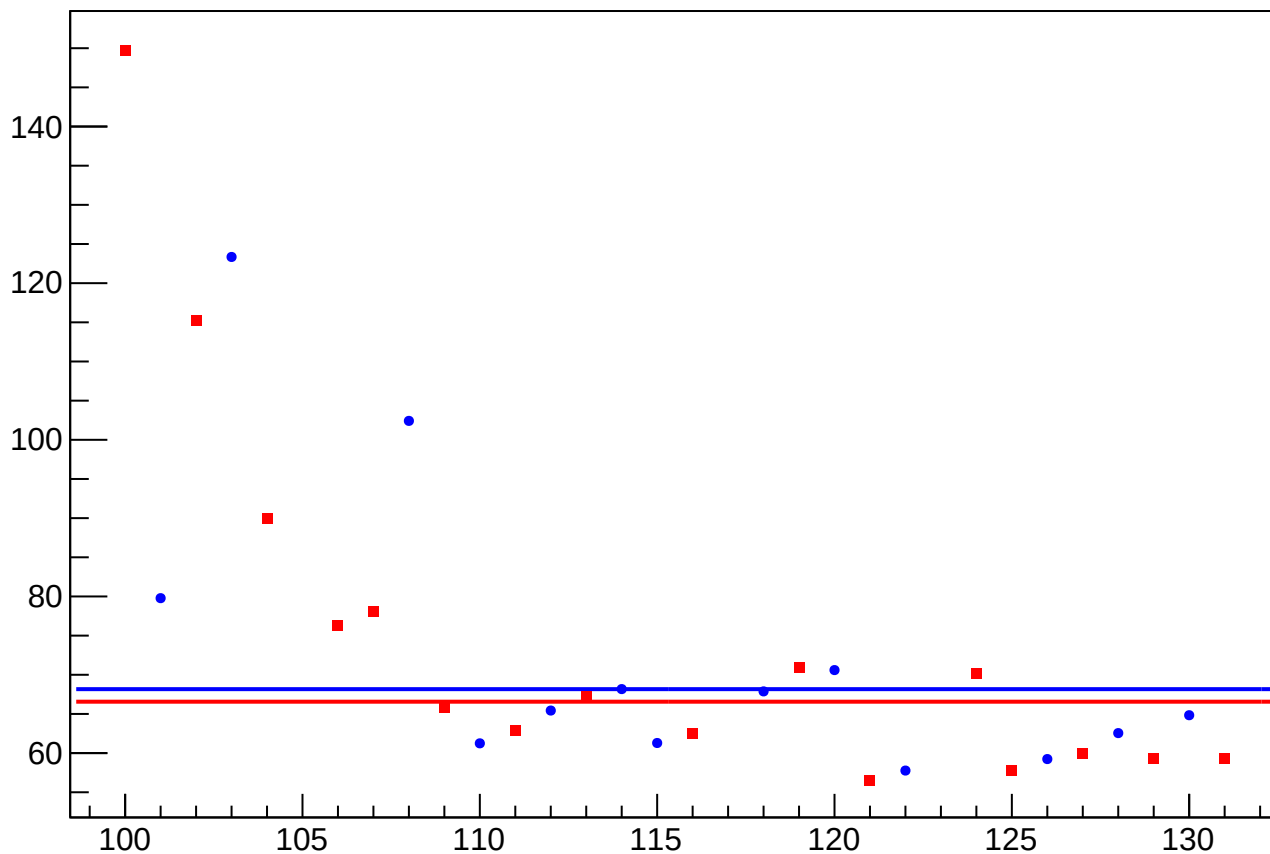
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.875 $\pm$ 20.074 χ^2 /NDF: 34.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_13_57_dd_rms vs Slug



Right In: 68.165 $\pm$ 0.021 χ^2 /NDF: 424563.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 66.564 $\pm$ 0.019 χ^2 /NDF: 445705.9/15

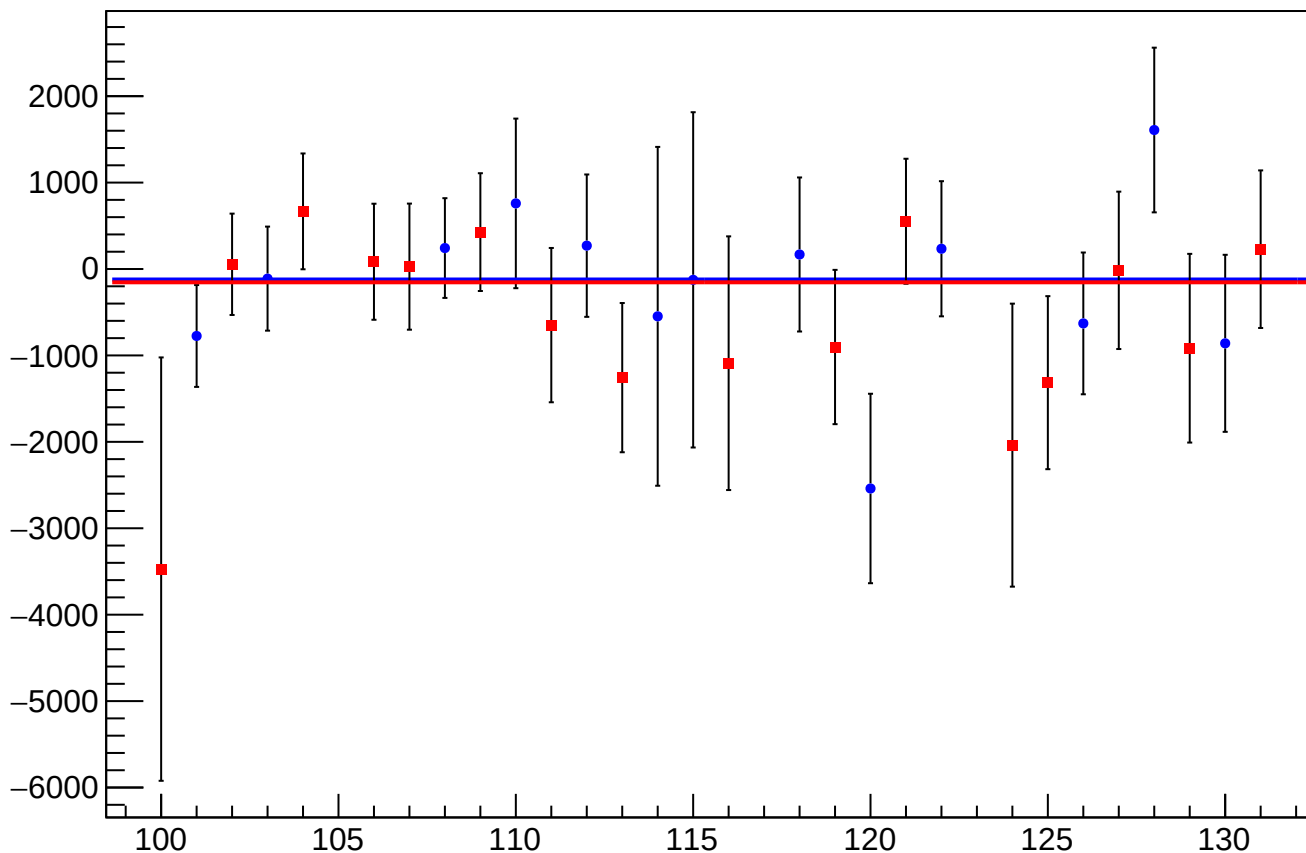
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 67.296 $\pm$ 0.014 χ^2 /NDF: 873428.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_dit_correction_mean vs Slug



Right In: -121.467 $\pm$ 229.729 χ^2 /NDF: 12.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -153.820 $\pm$ 211.296 χ^2 /NDF: 11.7/15

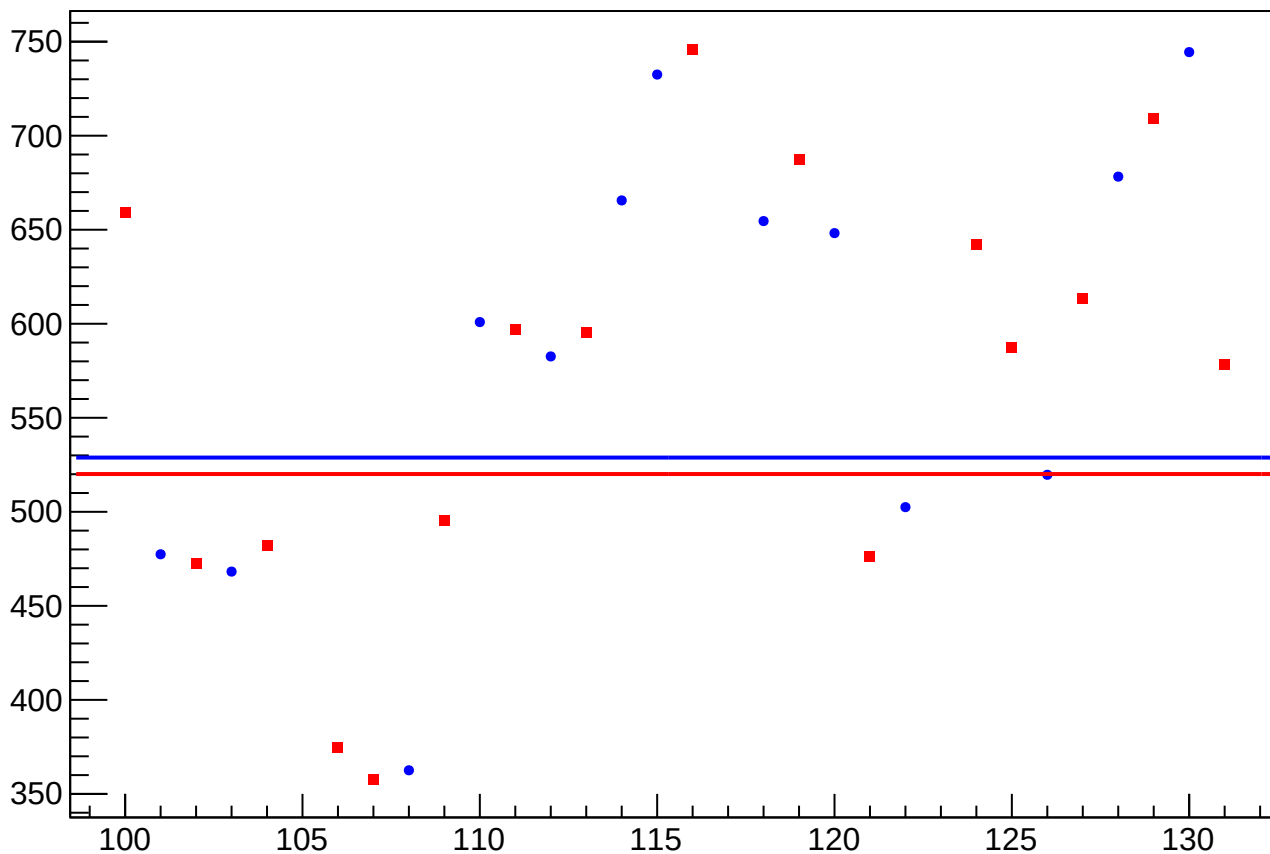
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -138.994 $\pm$ 155.518 χ^2 /NDF: 23.8/28

- 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: 528.844+/-0.162 χ^2/NDF : 456522.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 520.088+/-0.149 χ^2/NDF : 485838.0/15

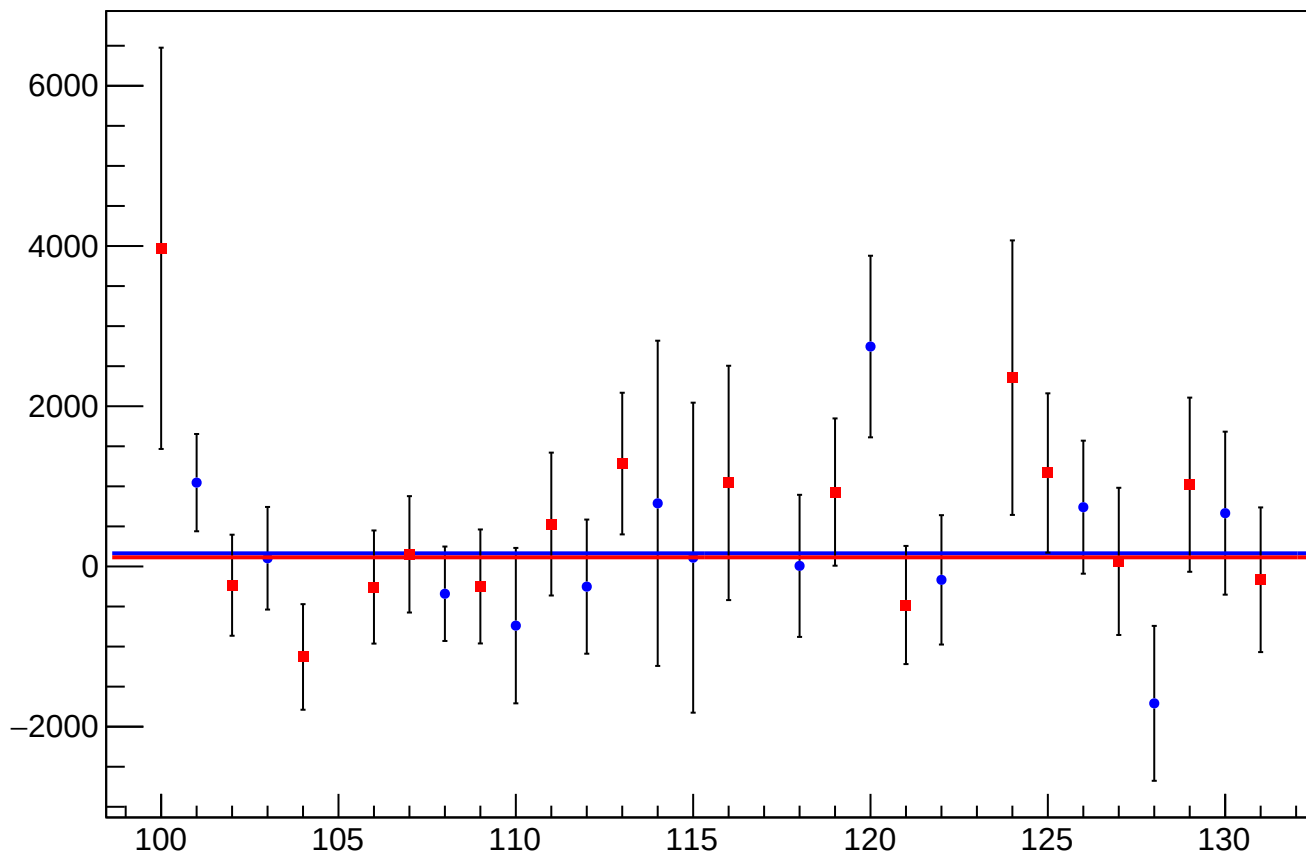
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.101+/-0.110 χ^2/NDF : 943934.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_mean vs Slug



Right In: 163.649 $\pm$ 235.060 χ^2 /NDF: 13.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 114.061 $\pm$ 215.726 χ^2 /NDF: 14.2/15

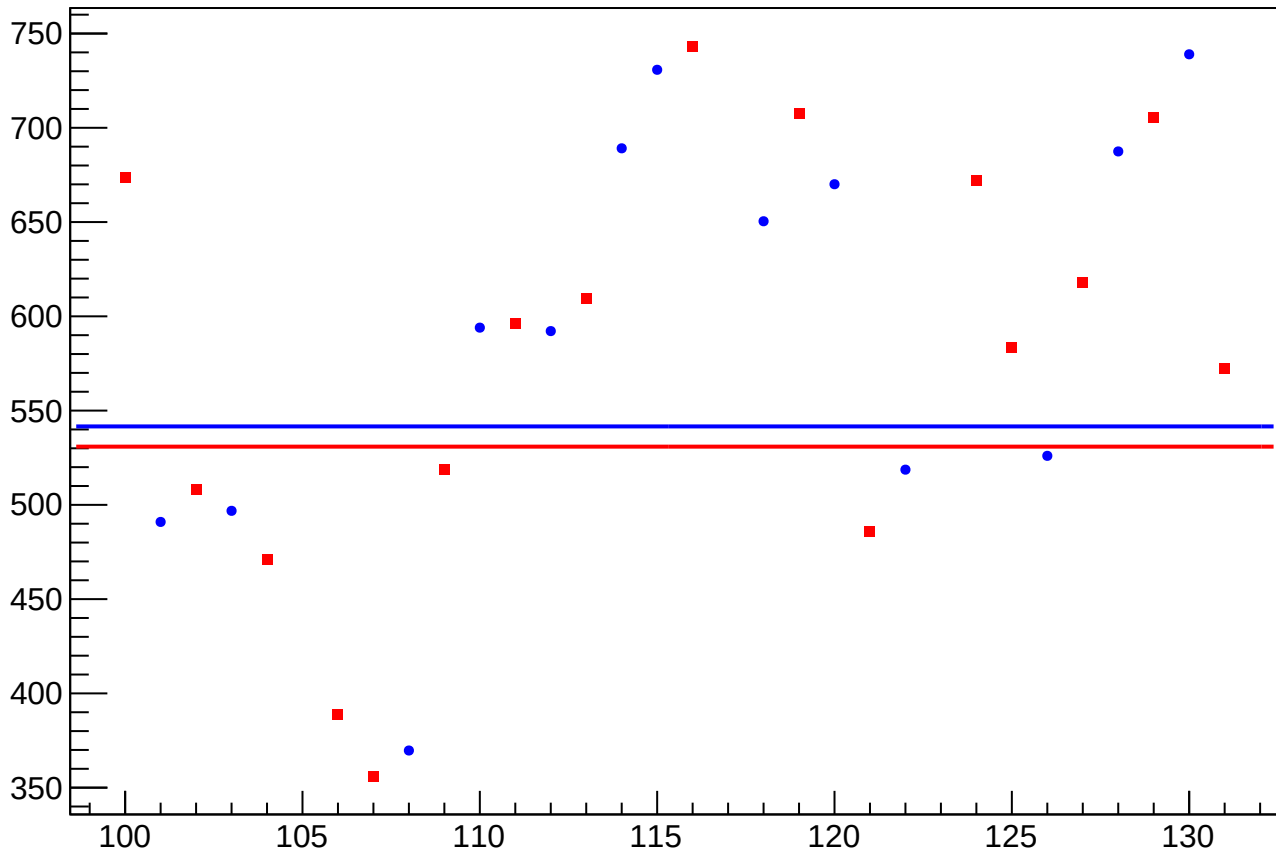
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 136.732 $\pm$ 158.938 χ^2 /NDF: 28.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_rms vs Slug



Right In: 541.606+/-0.166 χ^2/NDF : 415605.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 530.882+/-0.153 χ^2/NDF : 466455.2/15

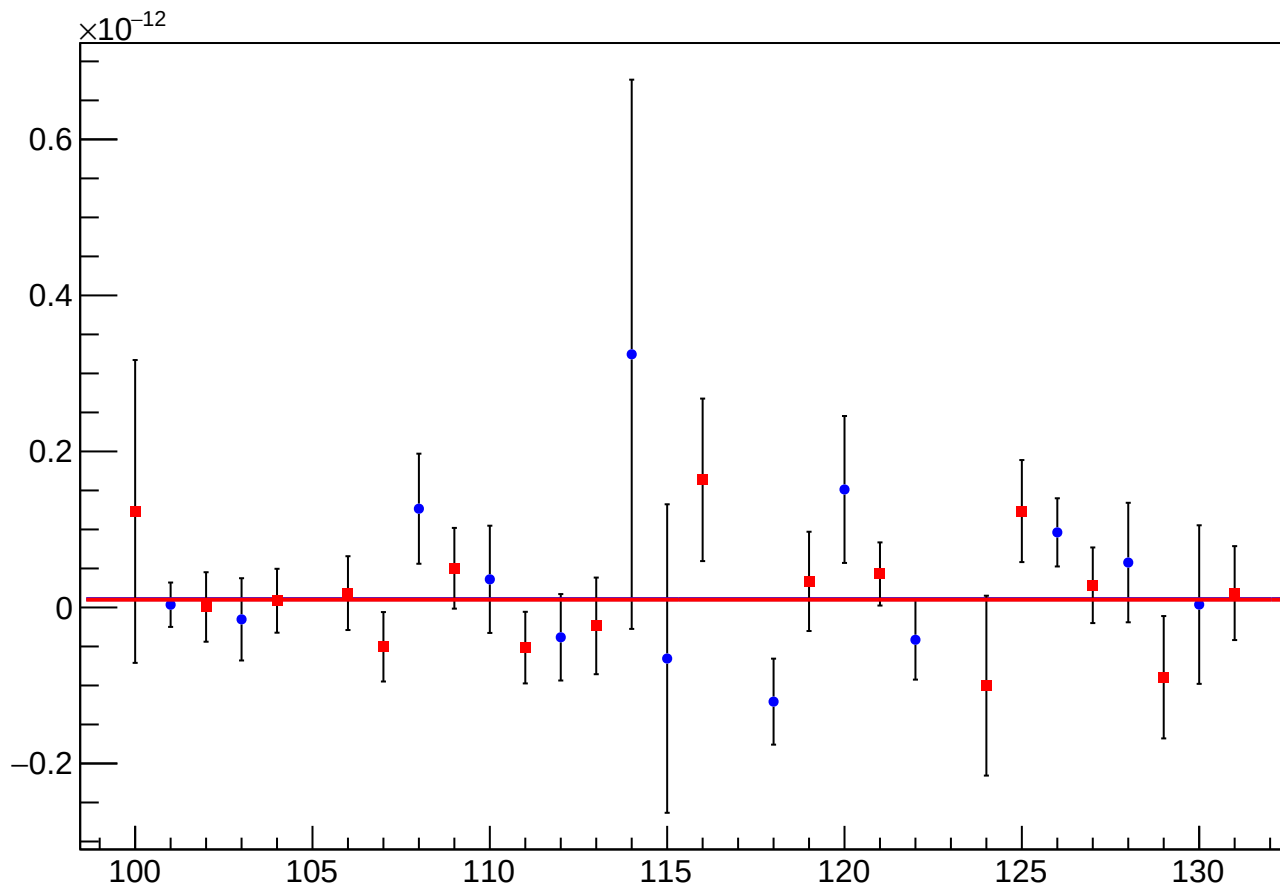
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 535.785+/-0.112 χ^2/NDF : 884320.4/28

- 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: 18.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.6/15

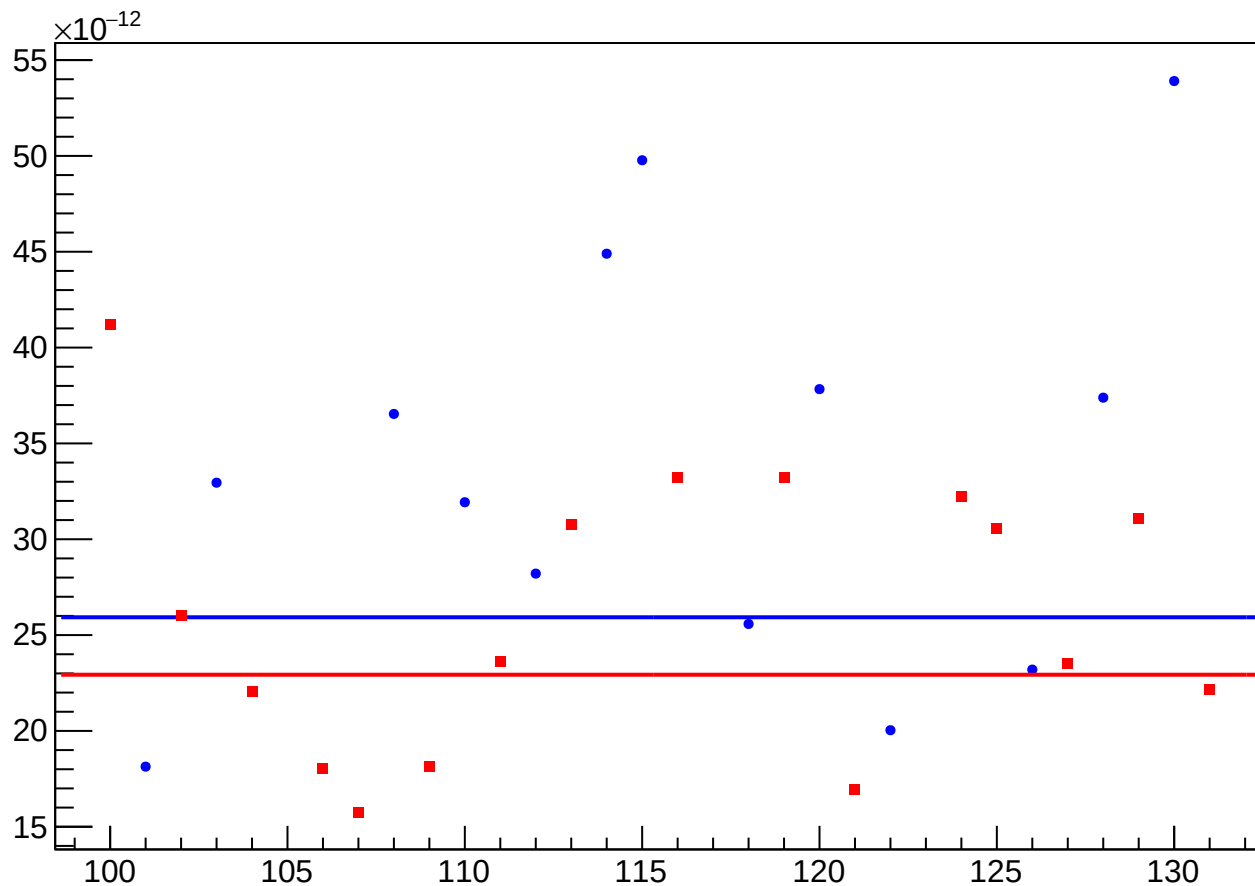
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 31.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 547129.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 329007.2/15

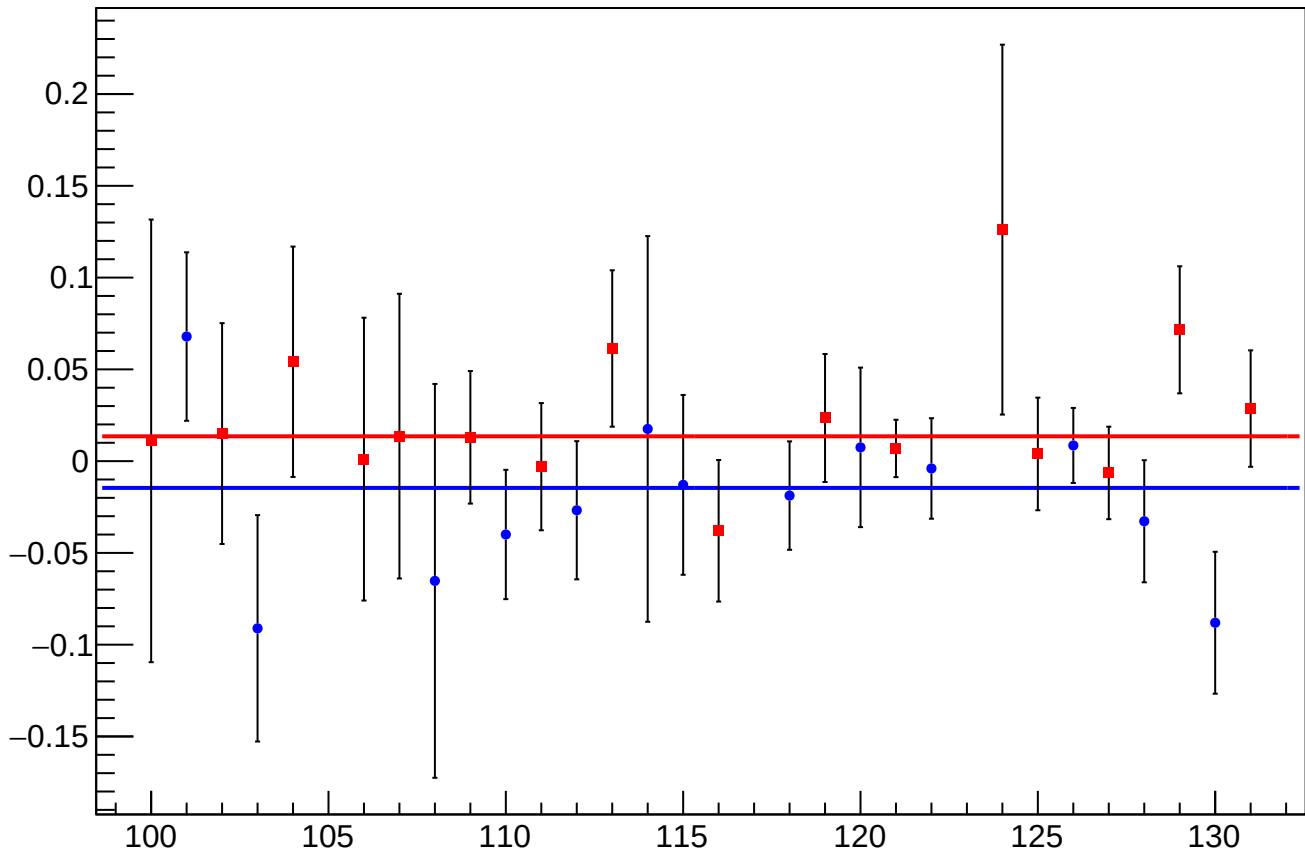
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 917039.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.015 ± 0.010 χ^2/NDF : 11.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.014 ± 0.009 χ^2/NDF : 9.0/15

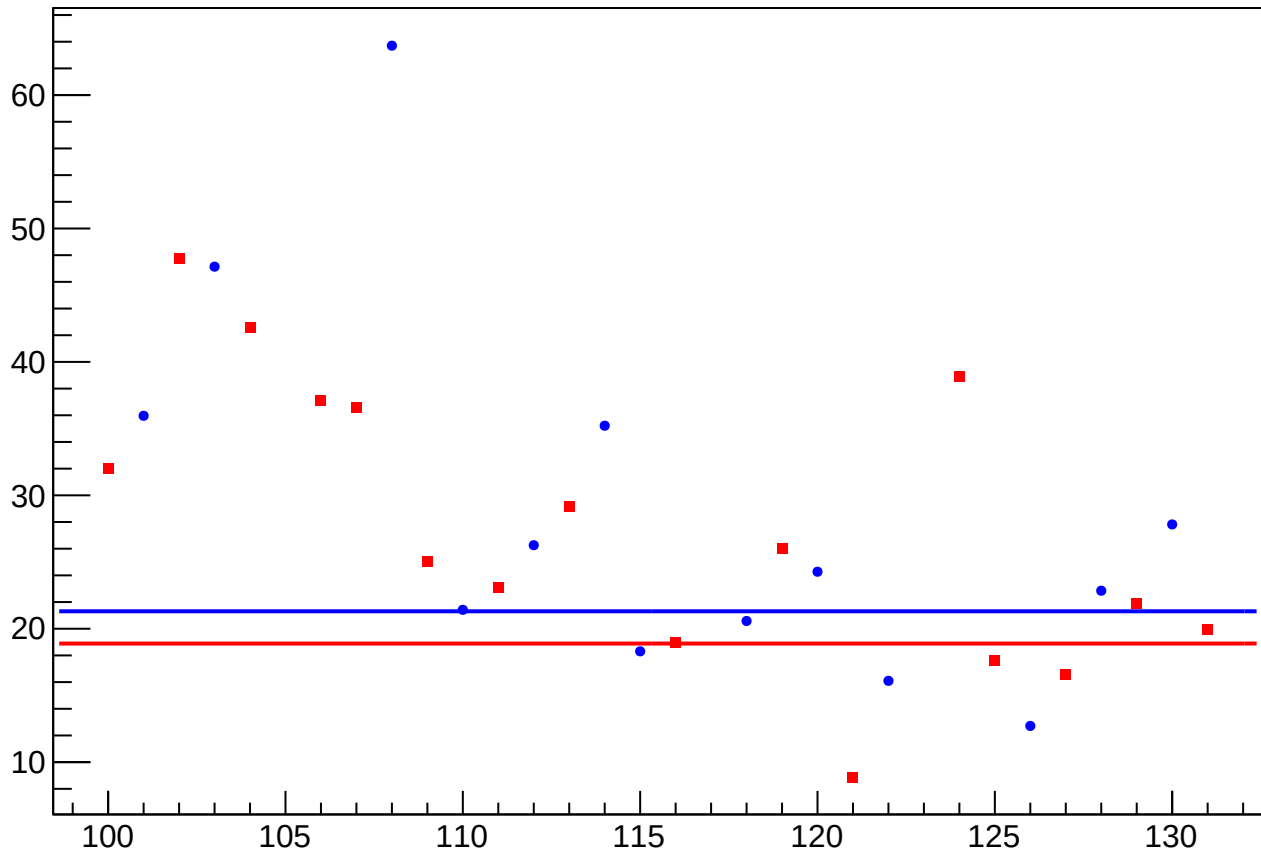
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.007 χ^2/NDF : 24.8/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_dit_vs_cor_diff_rms vs Slug



Right In: 21.307+/-0.007 χ^2/NDF : 1441692.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.891+/-0.006 χ^2/NDF : 2216025.2/15

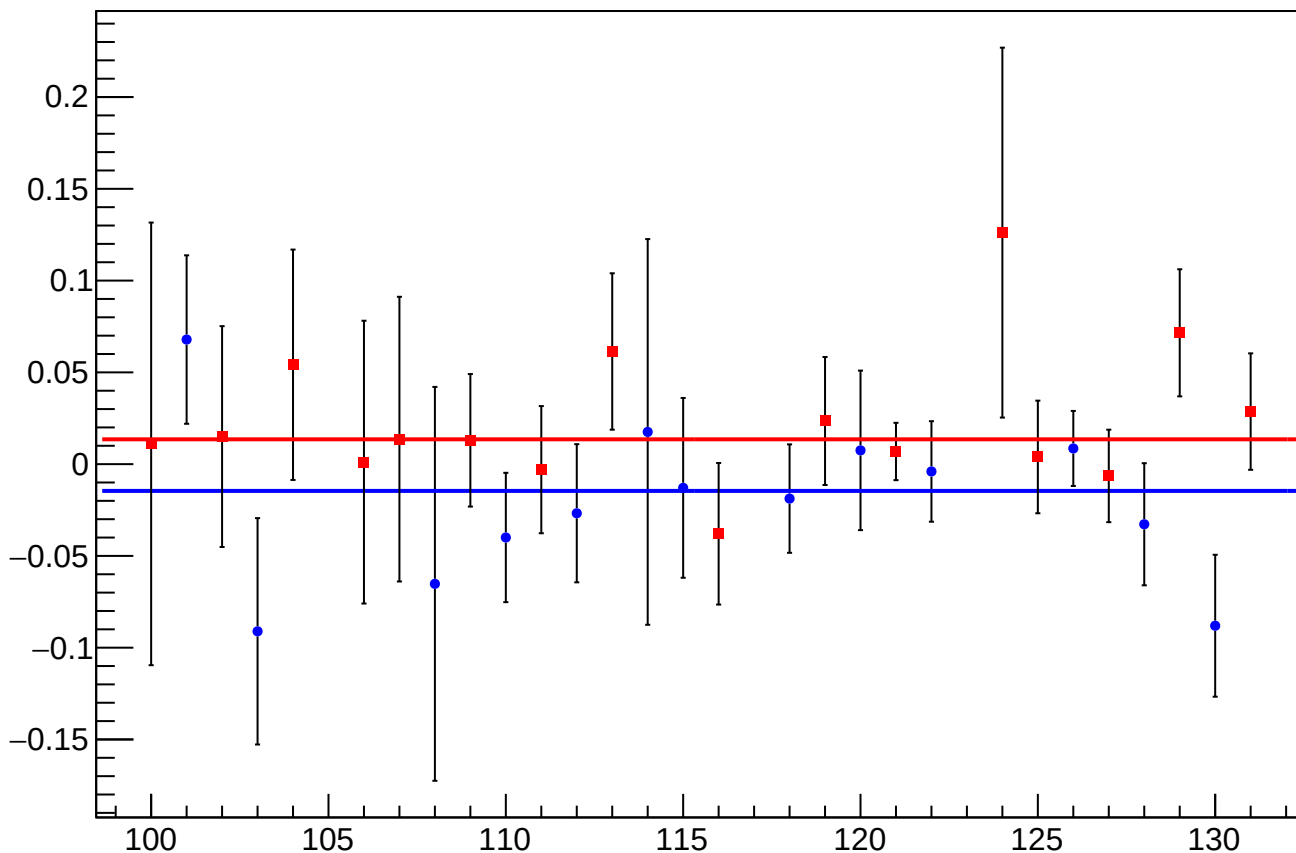
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.920+/-0.005 χ^2/NDF : 3723557.7/28

- 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: -0.015 $\pm$ 0.010 χ^2 /NDF: 11.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.014 $\pm$ 0.009 χ^2 /NDF: 9.0/15

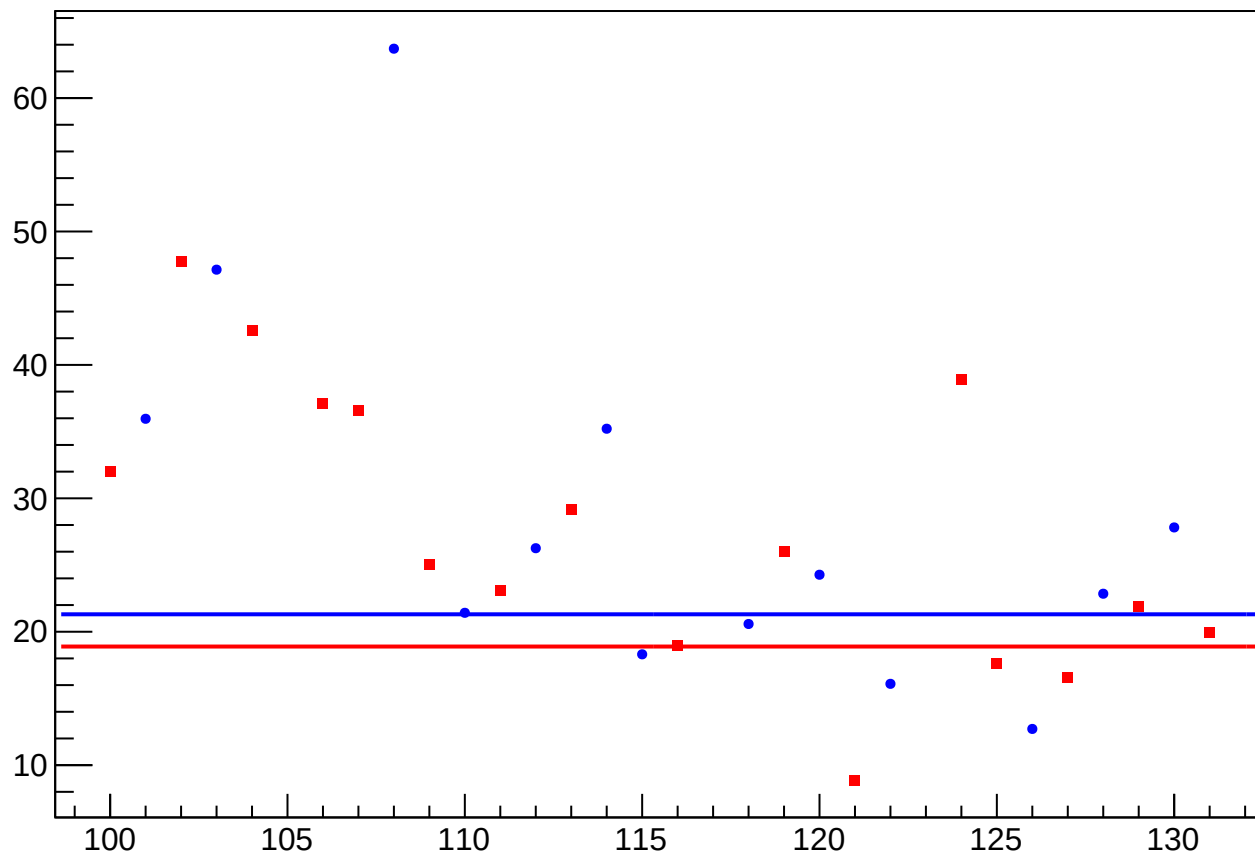
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.007 χ^2 /NDF: 24.8/28

- 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: 21.307+/-0.007 χ^2/NDF : 1441692.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.891+/-0.006 χ^2/NDF : 2216025.2/15

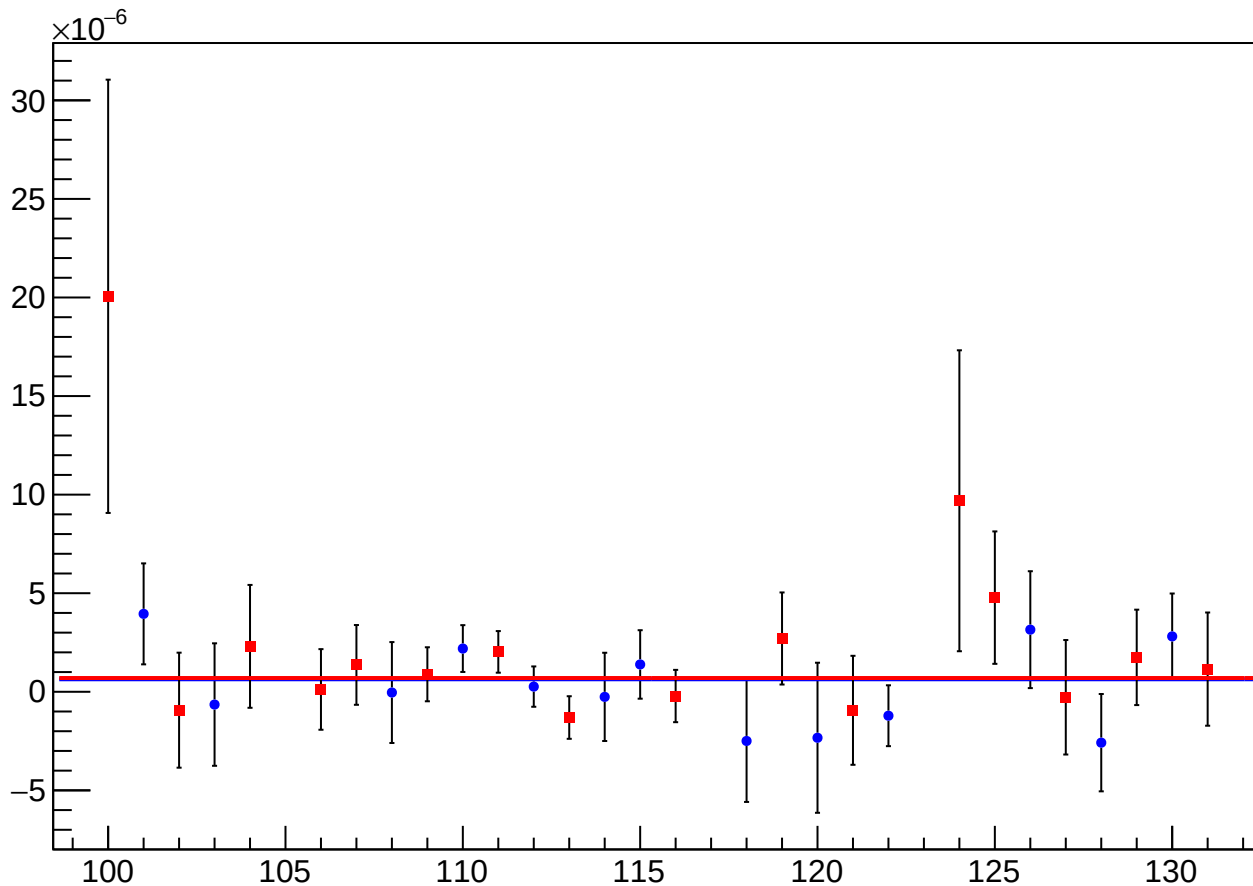
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.920+/-0.005 χ^2/NDF : 3723557.7/28

- 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+/-0.000 χ^2/NDF : 10.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.7/15

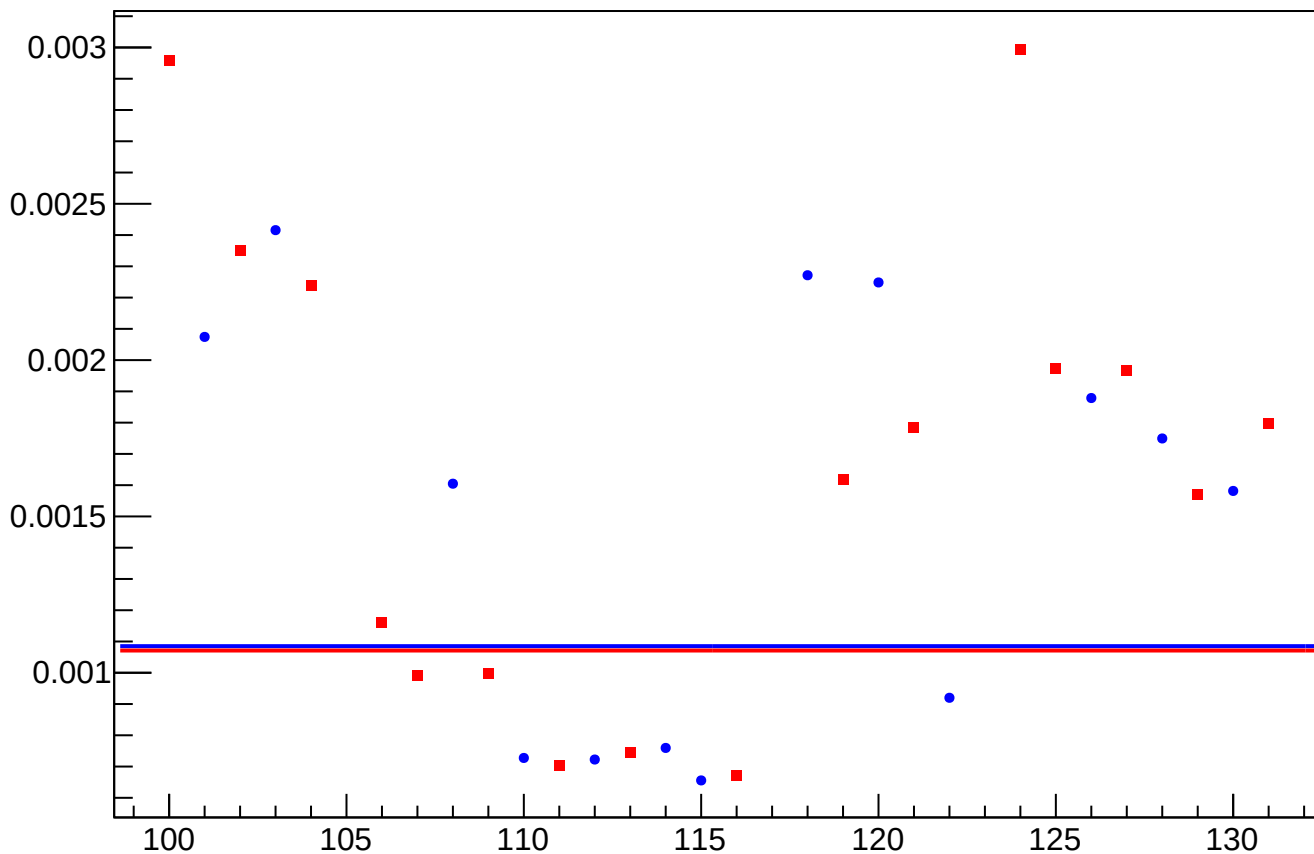
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.3/28

- sign 0.000+/-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 : 2241615.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2257516.2/15

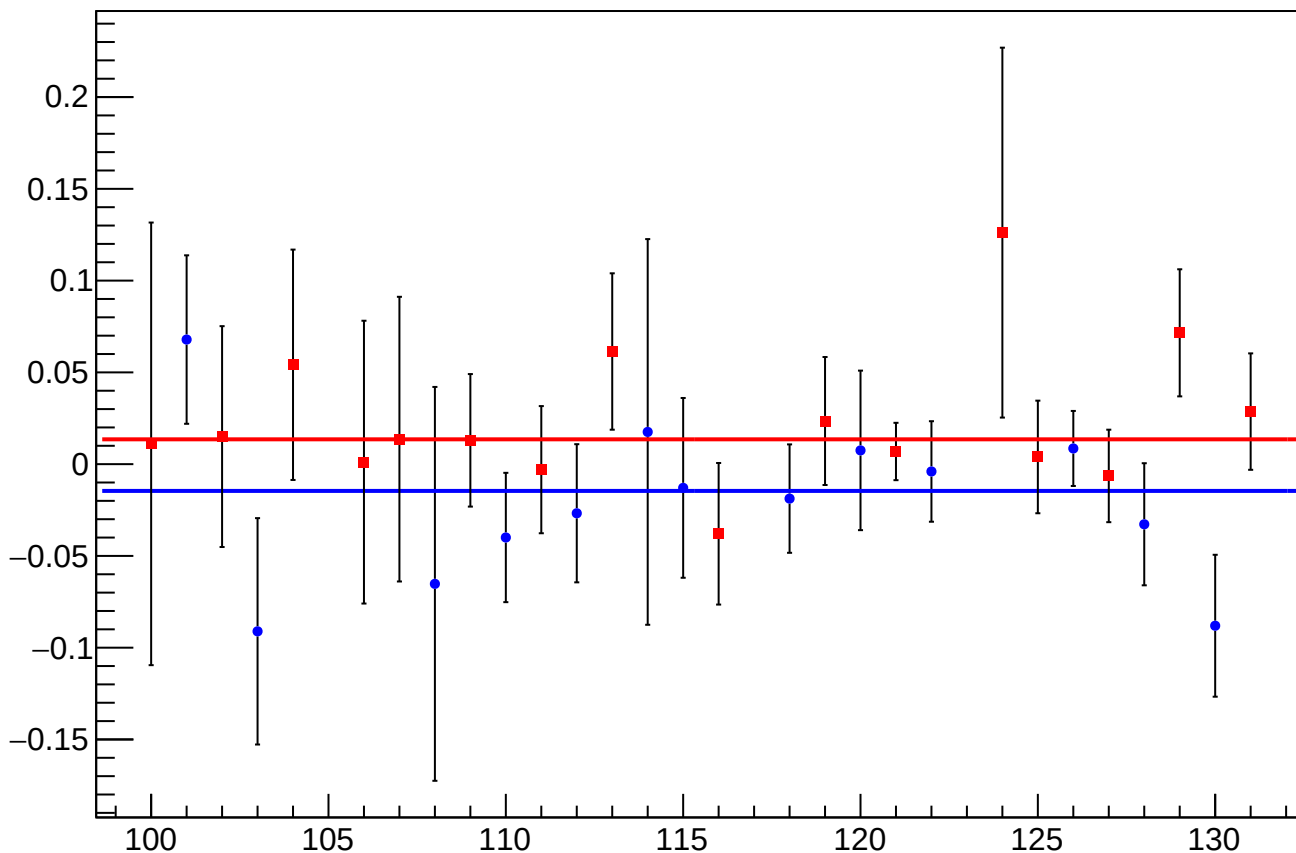
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4499908.8/28

- 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: -0.015 $\pm$ 0.010 χ^2 /NDF: 11.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.014 $\pm$ 0.009 χ^2 /NDF: 9.0/15

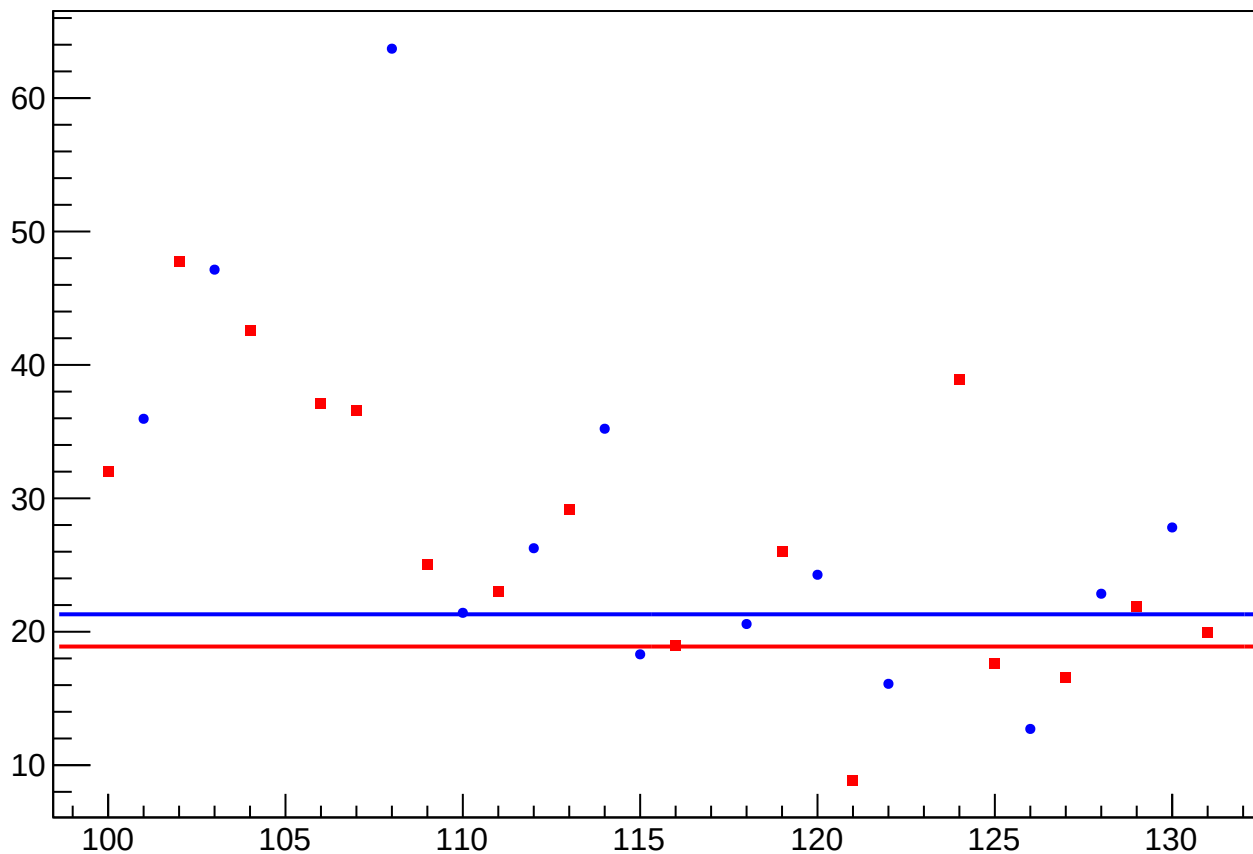
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.007 χ^2 /NDF: 24.8/28

- 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: 21.308 $\pm$ 0.007 χ^2 /NDF: 1441517.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.892 $\pm$ 0.006 χ^2 /NDF: 2215700.7/15

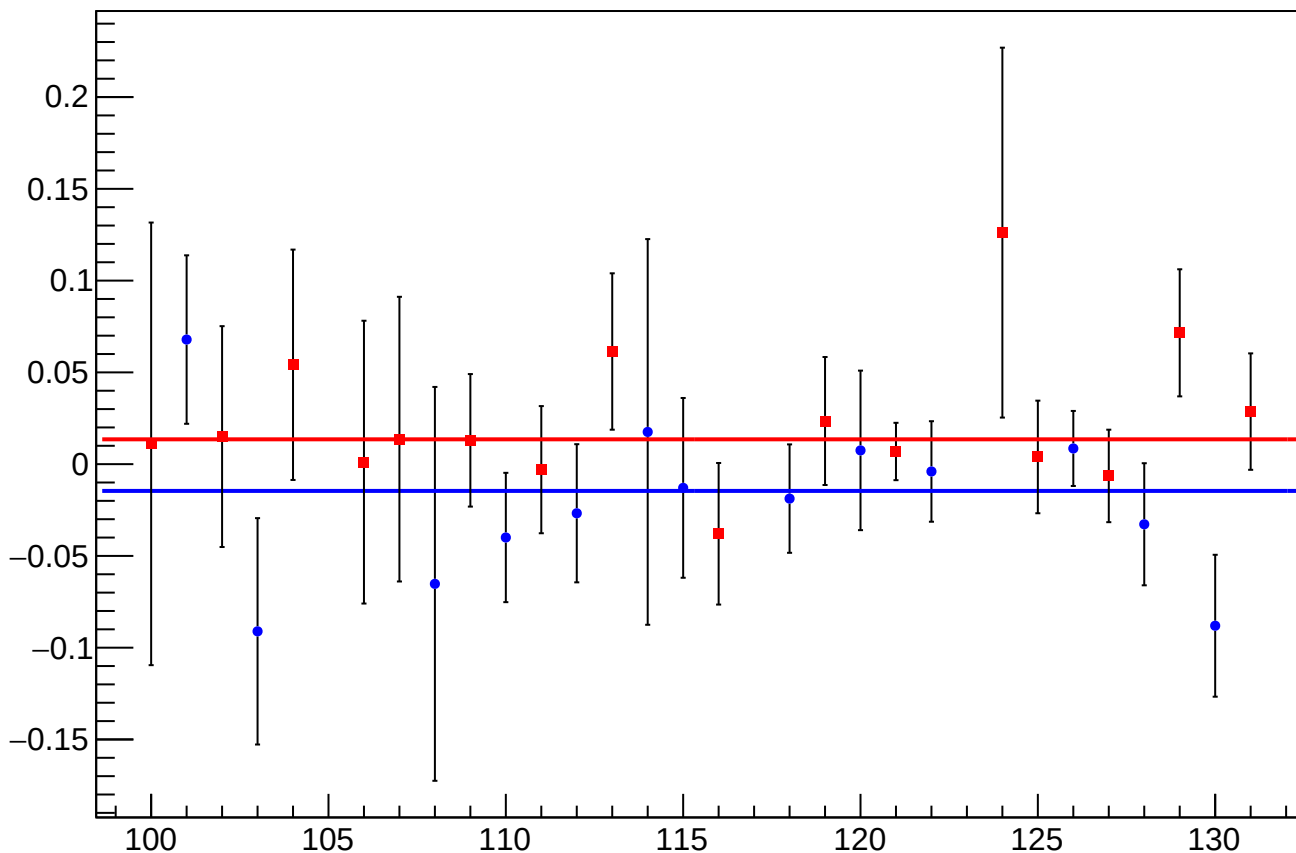
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.920 $\pm$ 0.005 χ^2 /NDF: 3723045.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.015 $\pm$ 0.010 χ^2 /NDF: 11.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.014 $\pm$ 0.009 χ^2 /NDF: 9.0/15

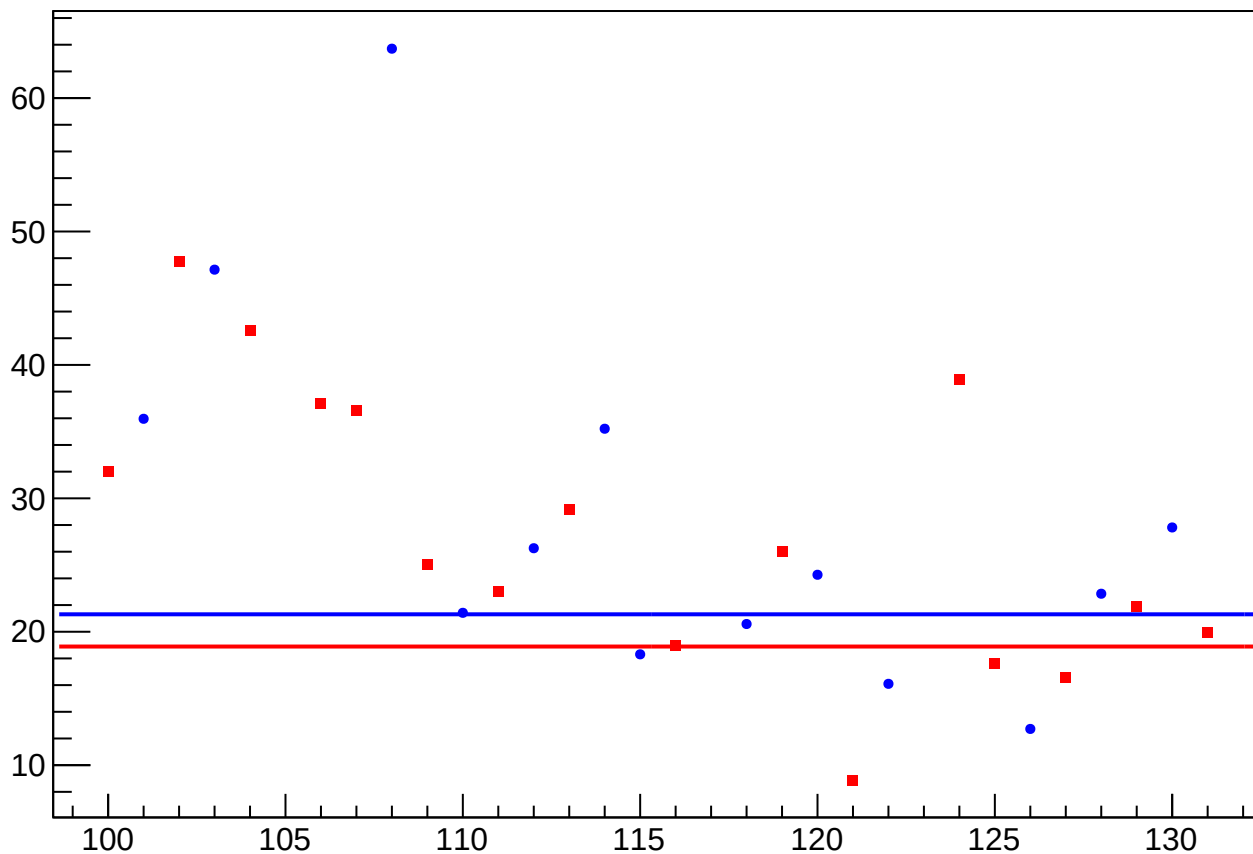
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.007 χ^2 /NDF: 24.8/28

- 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: 21.308 $\pm$ 0.007 χ^2 /NDF: 1441517.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.892 $\pm$ 0.006 χ^2 /NDF: 2215700.7/15

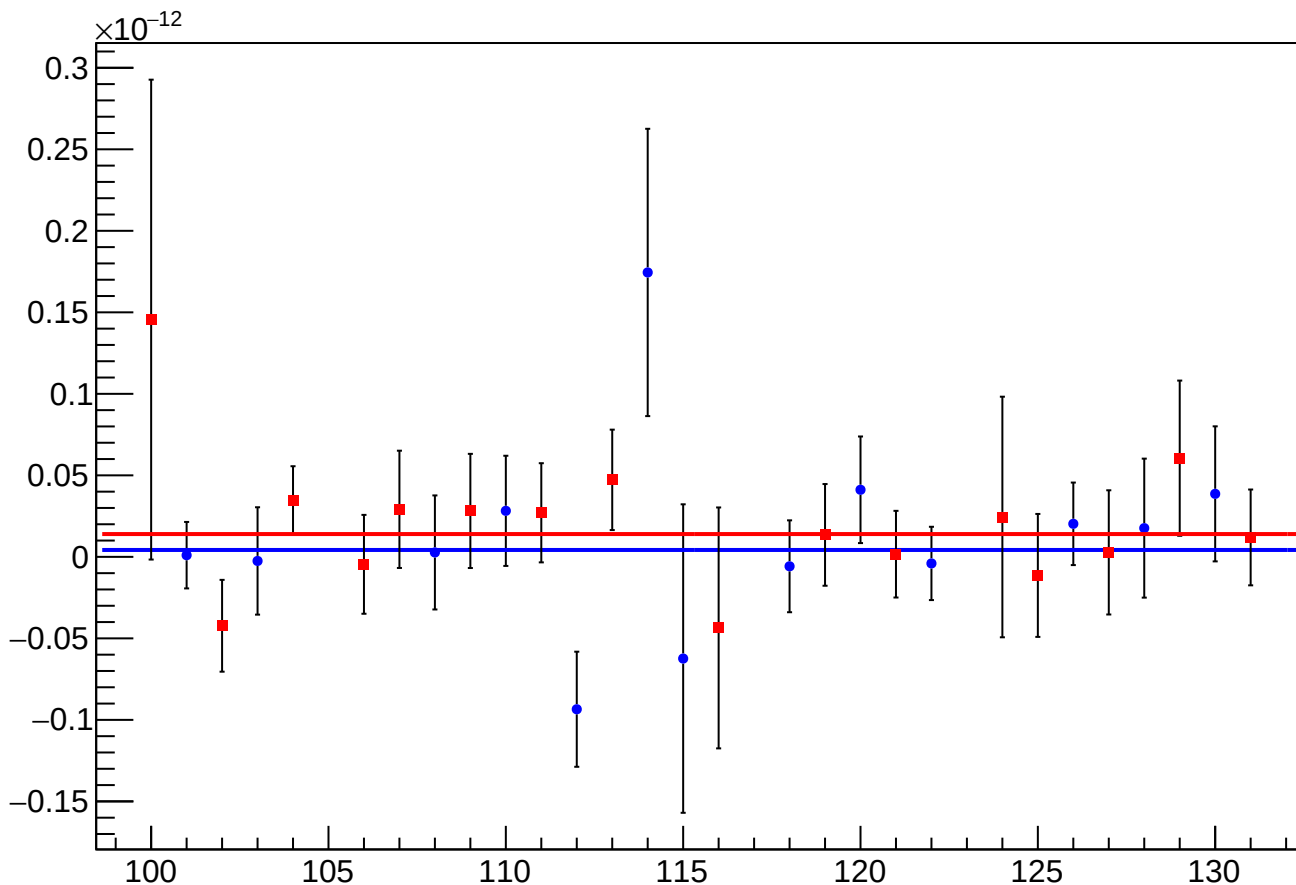
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.920 $\pm$ 0.005 χ^2 /NDF: 3723045.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 15.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 10.2/15

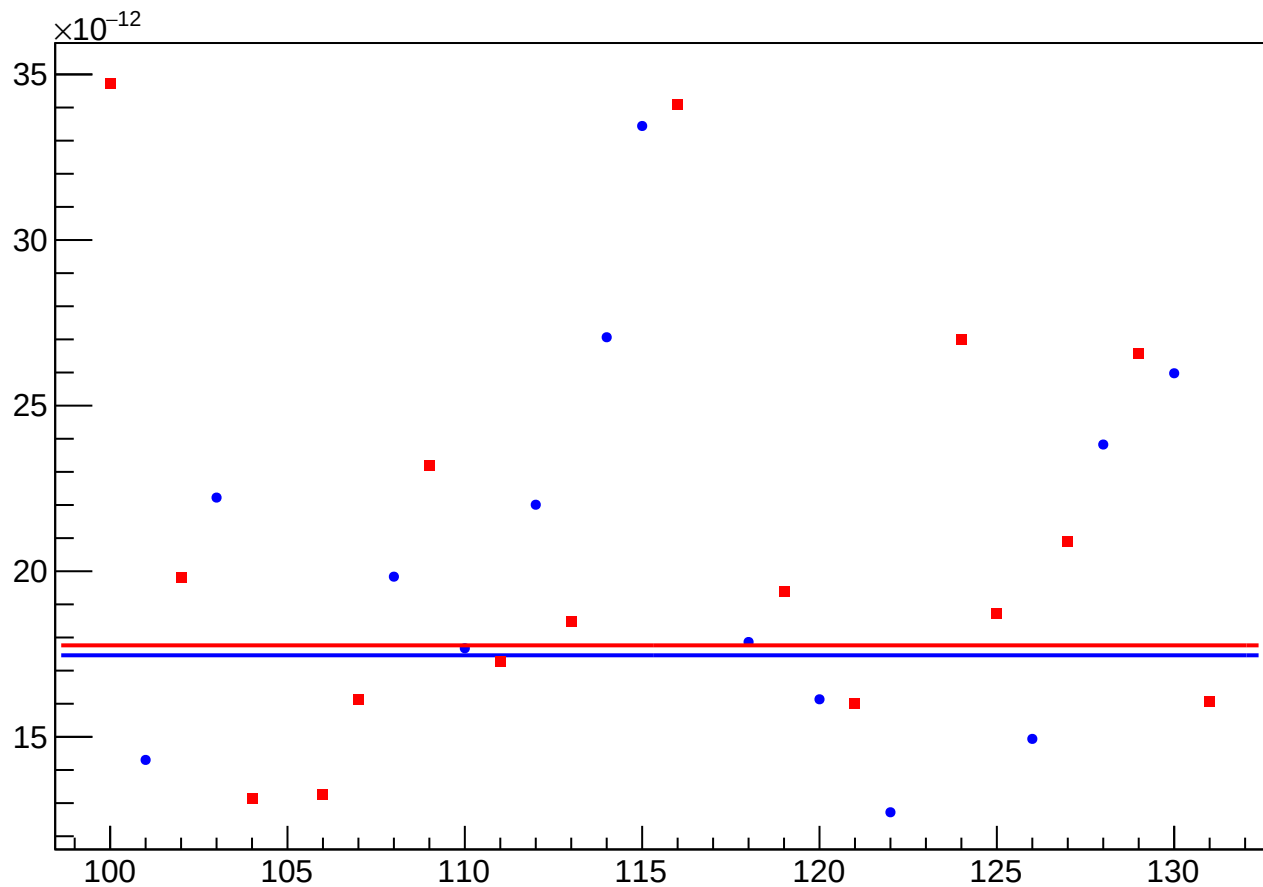
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 26.0/28

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 454603.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 465083.9/15

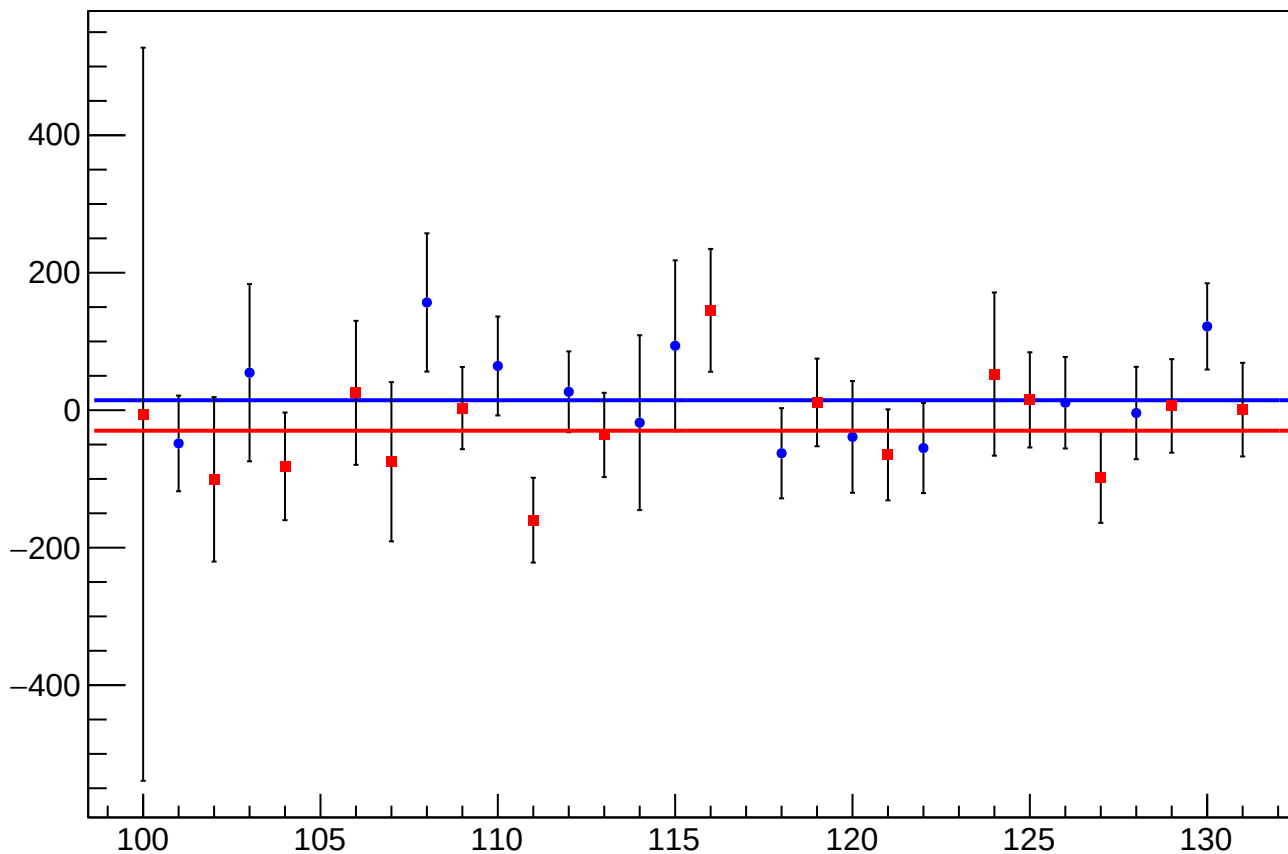
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 920908.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_mean vs Slug



Right In: 14.483+/-20.890 χ^2/NDF : 9.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.843+/-19.078 χ^2/NDF : 12.9/15

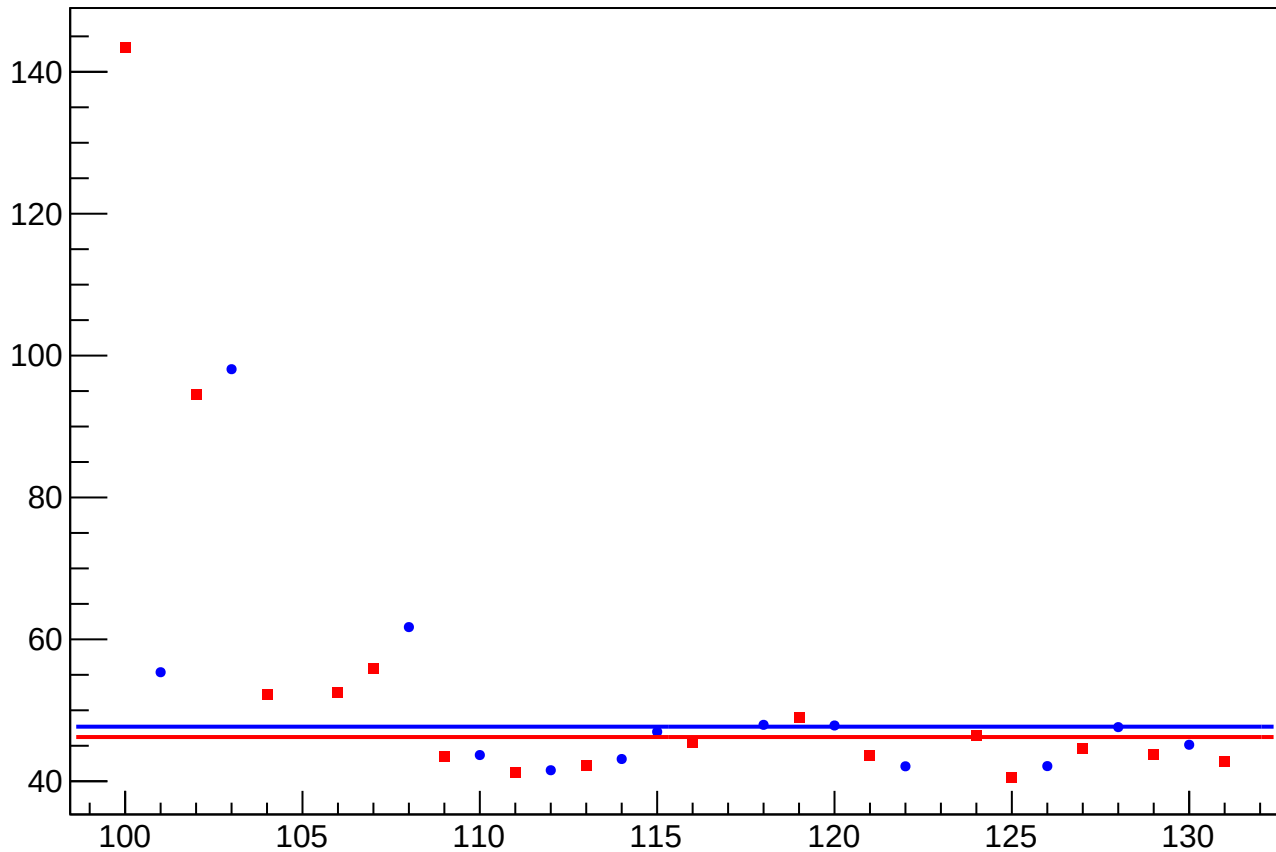
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.686+/-14.087 χ^2/NDF : 25.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_rms vs Slug



Right In: 47.691+/-0.015 χ^2/NDF : 431013.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.230+/-0.013 χ^2/NDF : 480942.9/15

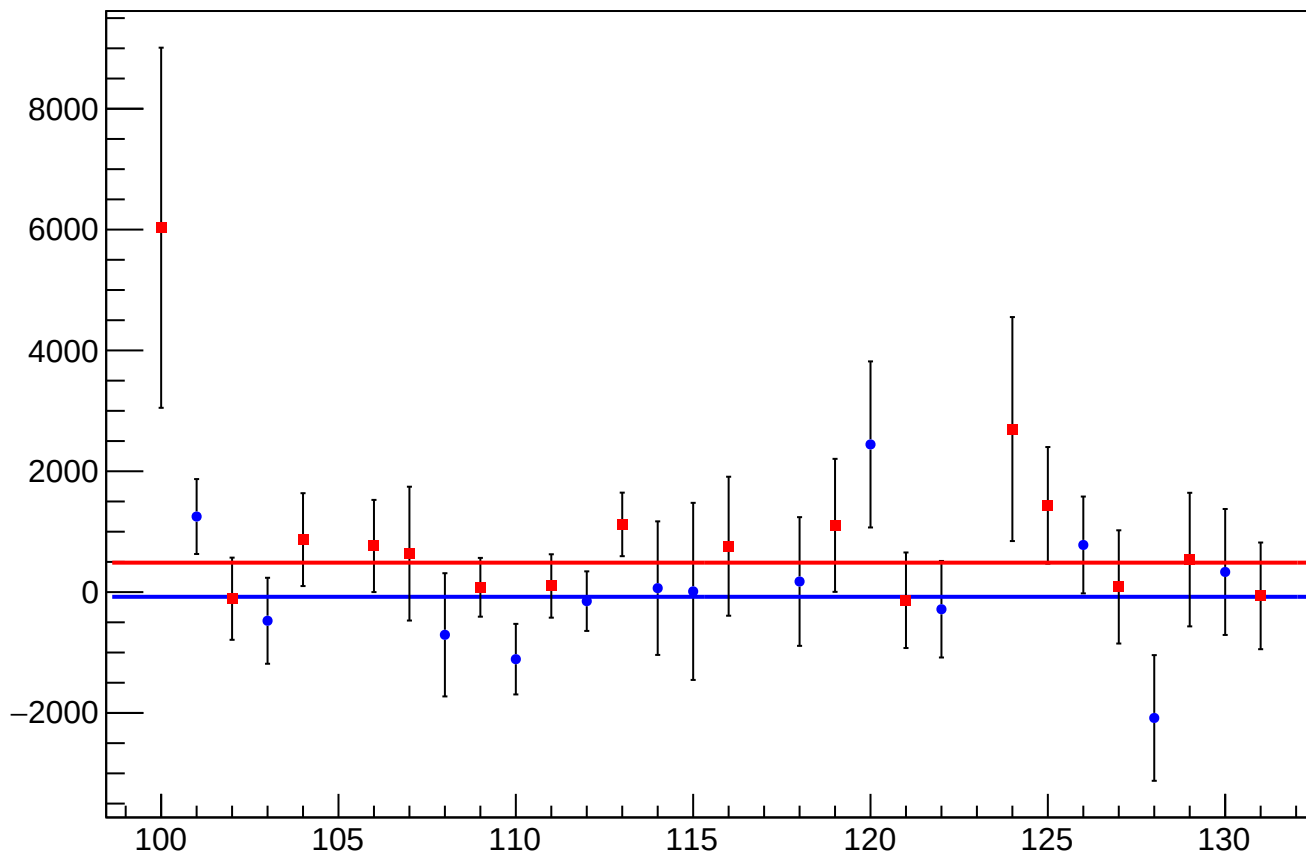
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.895+/-0.010 χ^2/NDF : 917287.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_reg_correction_mean vs Slug



Right In: -77.732 $\pm$ 222.235 χ^2 /NDF: 17.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 487.456 $\pm$ 197.012 χ^2 /NDF: 11.3/15

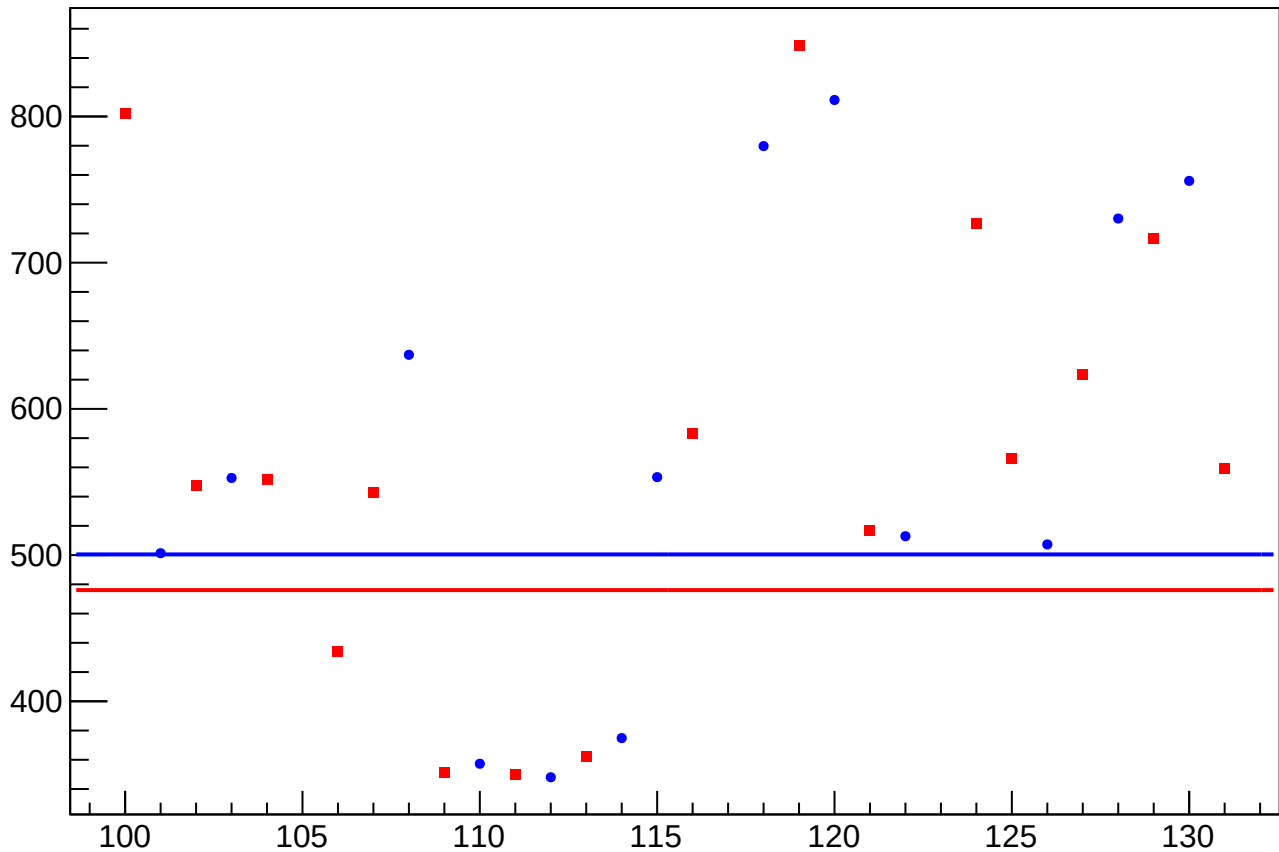
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 238.743 $\pm$ 147.423 χ^2 /NDF: 31.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_reg_correction_rms vs Slug



Right In: 500.465+/-0.157 χ^2/NDF : 844657.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 476.069+/-0.139 χ^2/NDF : 886428.9/15

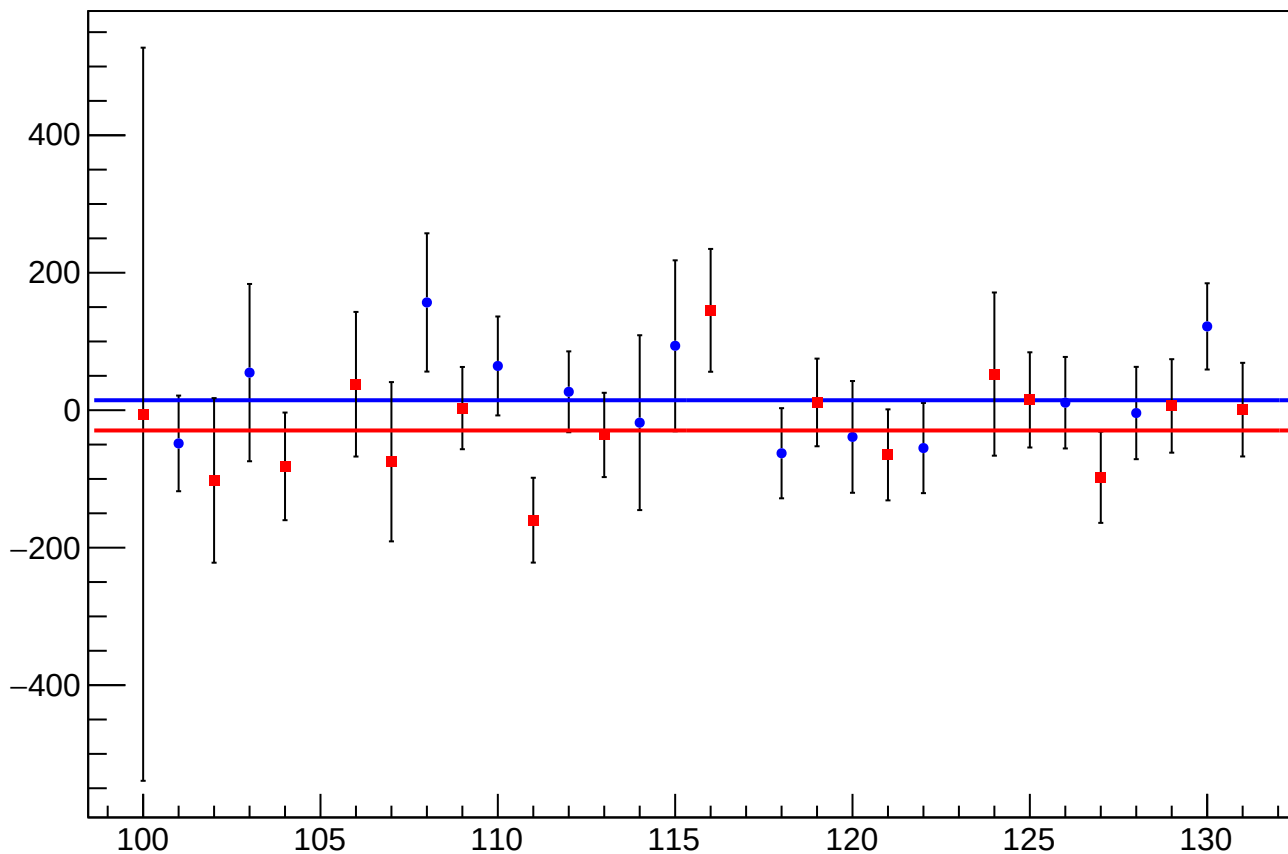
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 486.805+/-0.104 χ^2/NDF : 1744582.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_37_dd_mean vs Slug



Right In: 14.490 $\pm$ 20.890 χ^2 /NDF: 9.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -29.488 $\pm$ 19.081 χ^2 /NDF: 13.1/15

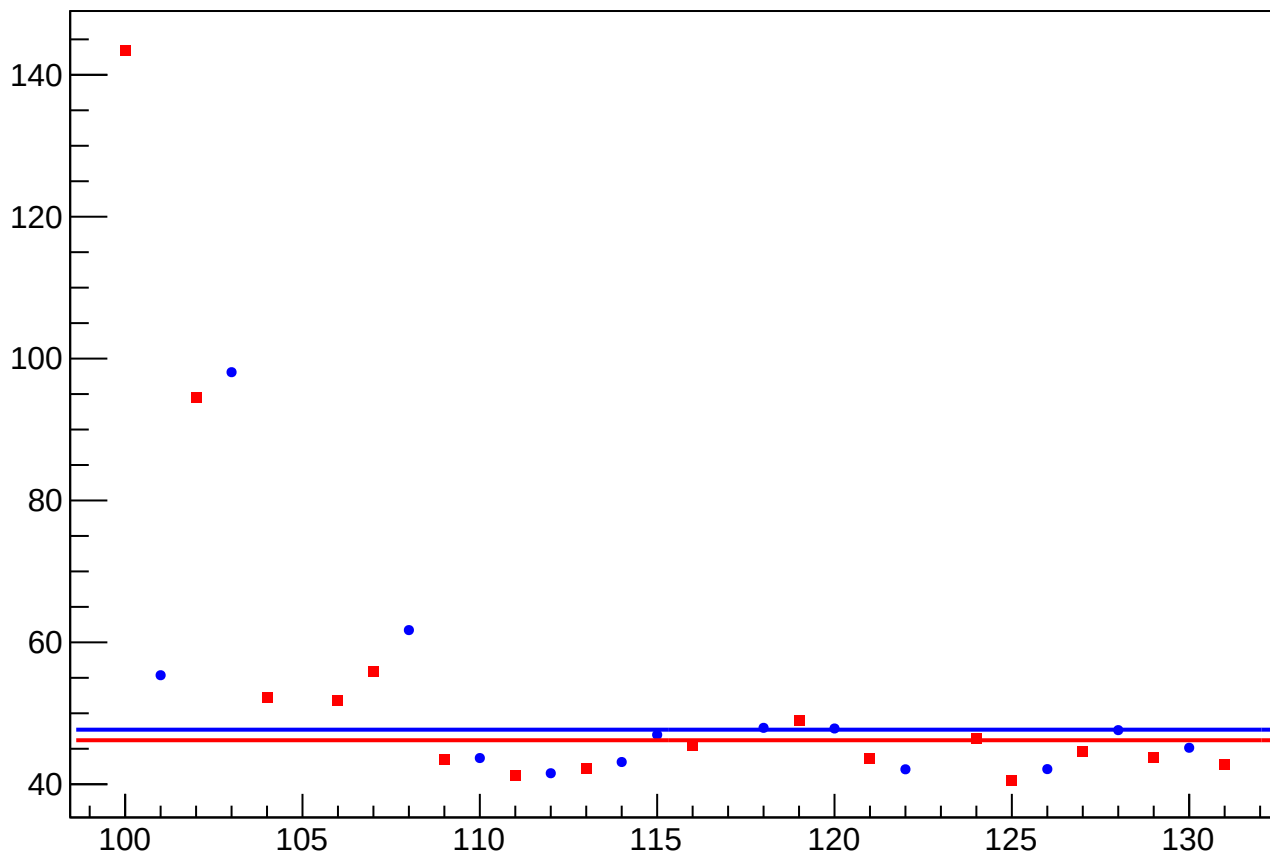
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -9.486 $\pm$ 14.089 χ^2 /NDF: 25.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_15_37_dd_rms vs Slug



Right In: 47.691+/-0.015 χ^2/NDF : 431016.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.202+/-0.013 χ^2/NDF : 479376.7/15

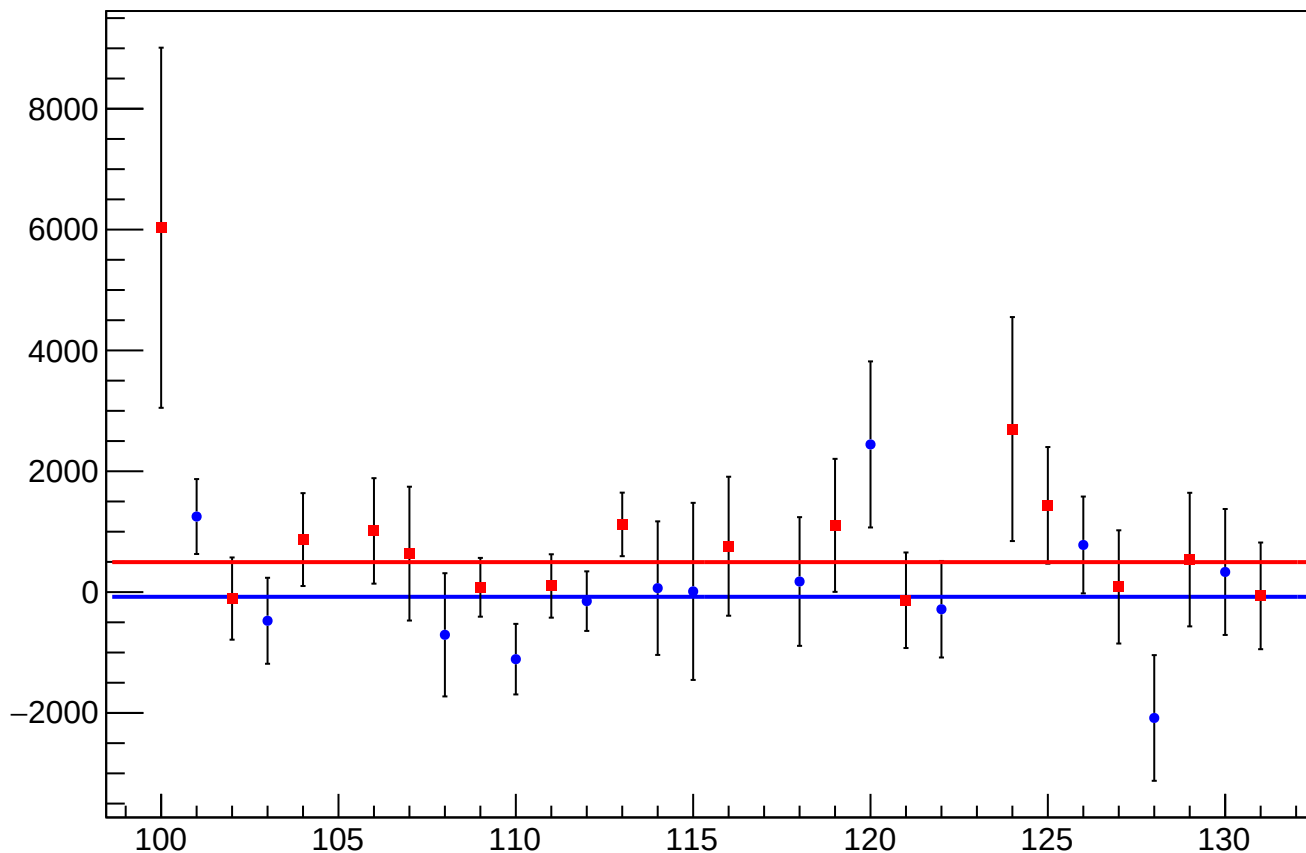
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.879+/-0.010 χ^2/NDF : 915935.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_cor_correction_mean vs Slug



Right In: -77.732 ± 222.237 χ^2/NDF : 17.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 496.275 ± 198.598 χ^2/NDF : 11.5/15

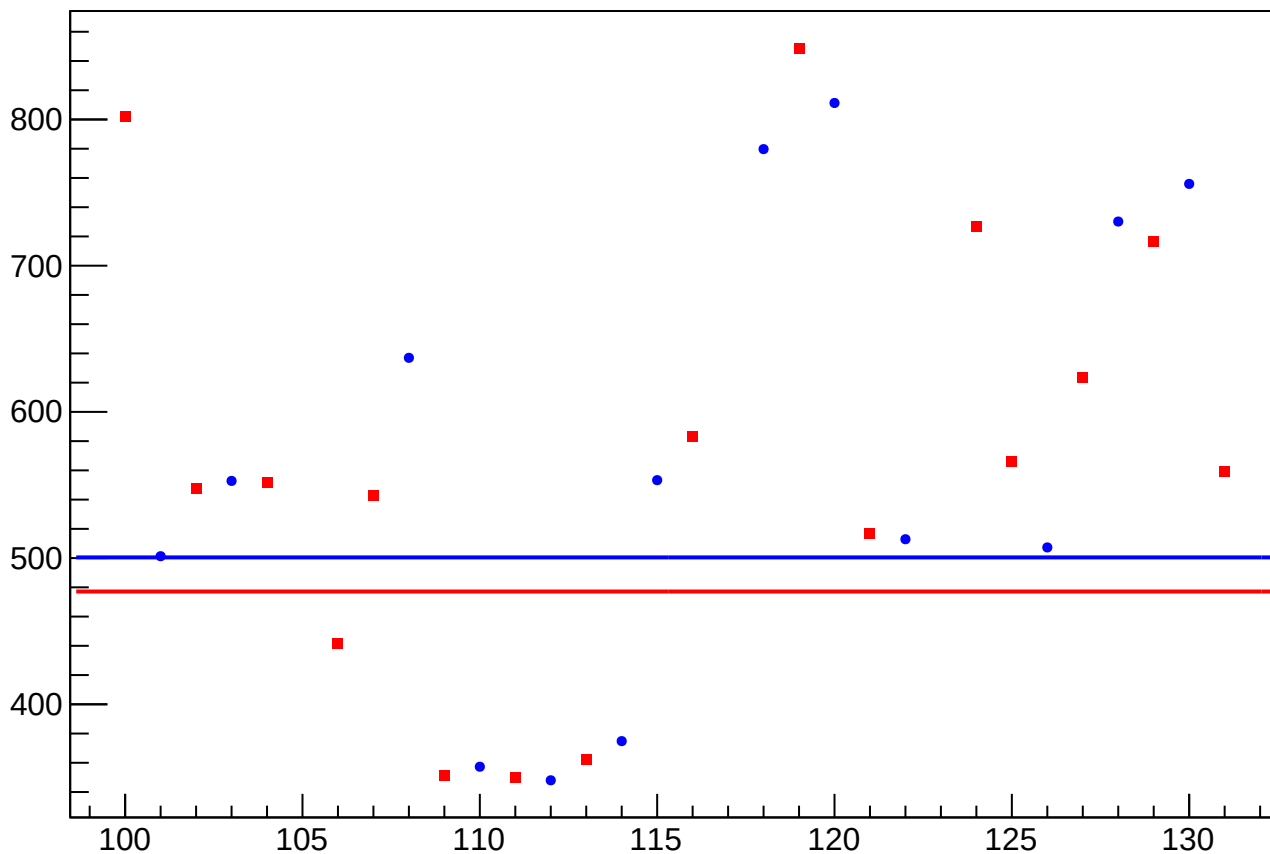
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 241.414 ± 148.085 χ^2/NDF : 32.2/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_cor_correction_rms vs Slug



Right In: 500.469+/-0.157 χ^2/NDF : 844680.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 477.144+/-0.140 χ^2/NDF : 883690.3/15

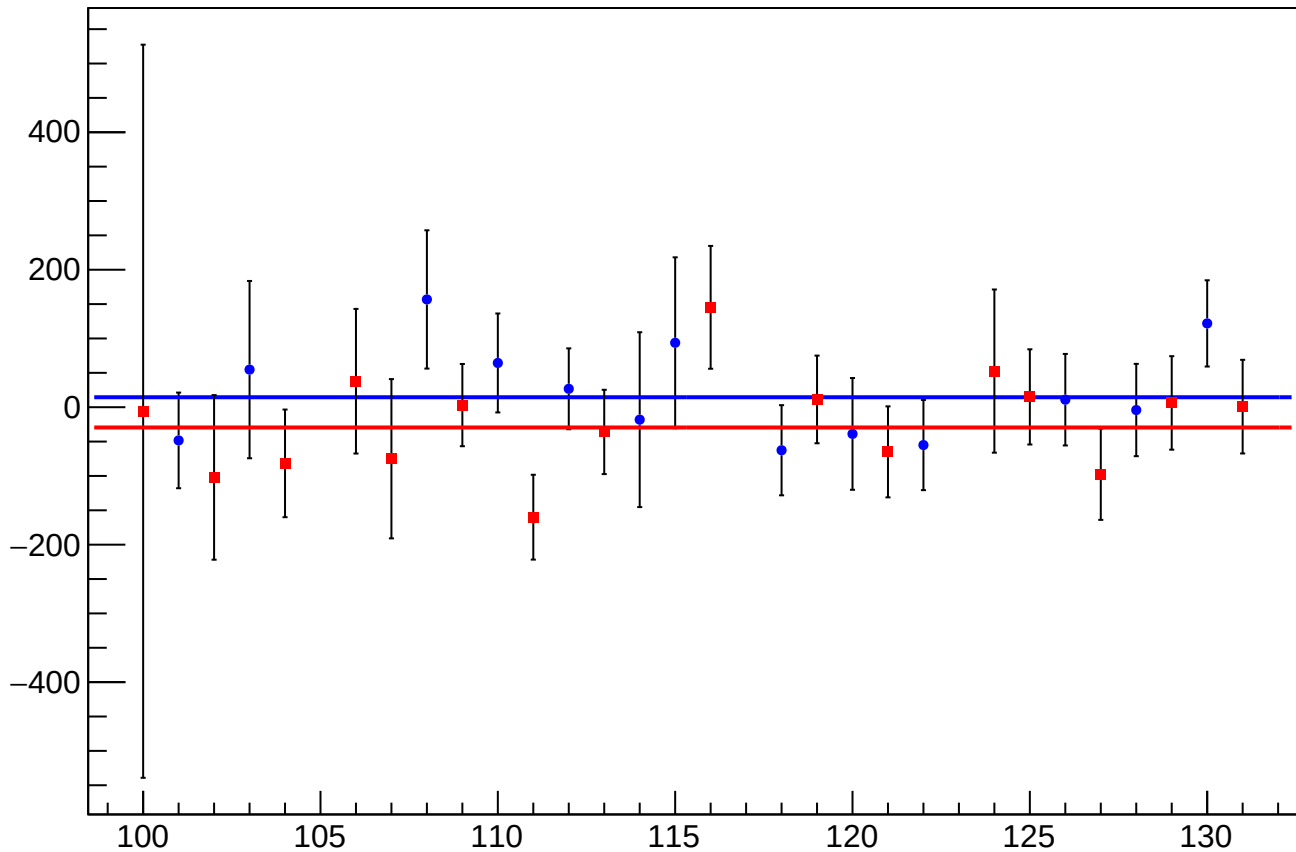
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 487.500+/-0.105 χ^2/NDF : 1740620.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_37_dd_mean vs Slug



Right In: 14.490 $\pm$ 20.890 χ^2 /NDF: 9.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -29.488 $\pm$ 19.081 χ^2 /NDF: 13.1/15

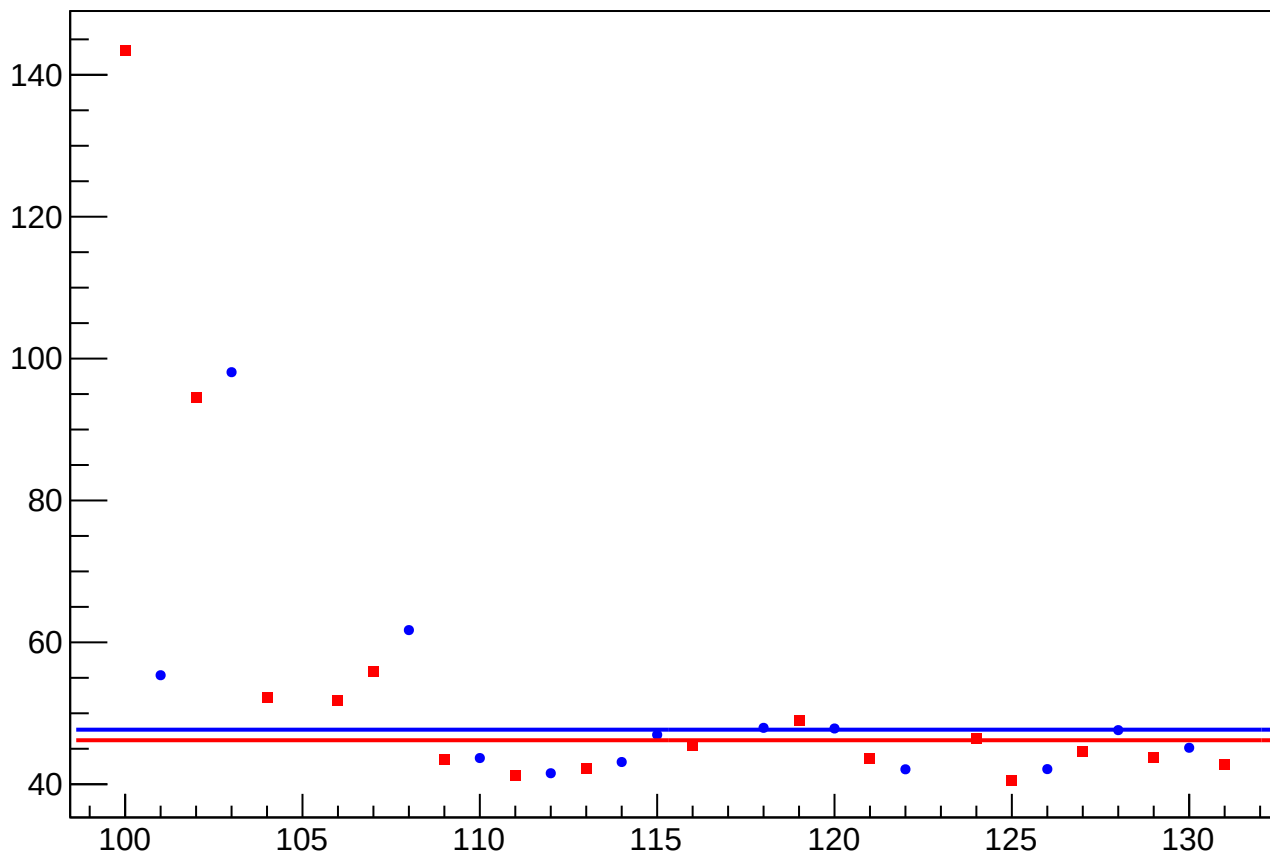
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -9.486 $\pm$ 14.089 χ^2 /NDF: 25.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_15_37_dd_rms vs Slug



Right In: 47.691 $\pm$ 0.015 χ^2 /NDF: 431016.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 46.202 $\pm$ 0.013 χ^2 /NDF: 479376.7/15

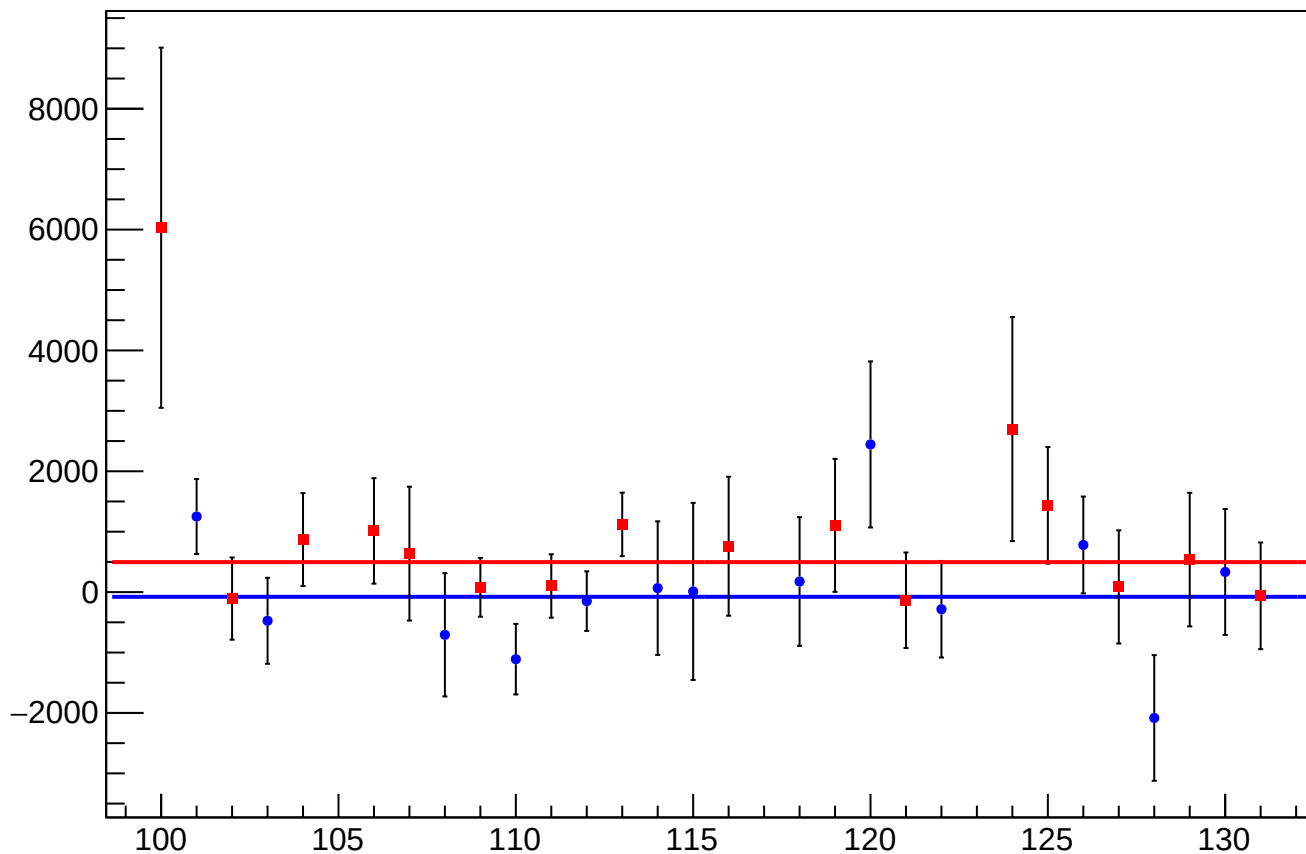
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 46.879 $\pm$ 0.010 χ^2 /NDF: 915935.3/28

- 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: -77.732 $\pm$ 222.237 χ^2 /NDF: 17.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 496.275 $\pm$ 198.598 χ^2 /NDF: 11.5/15

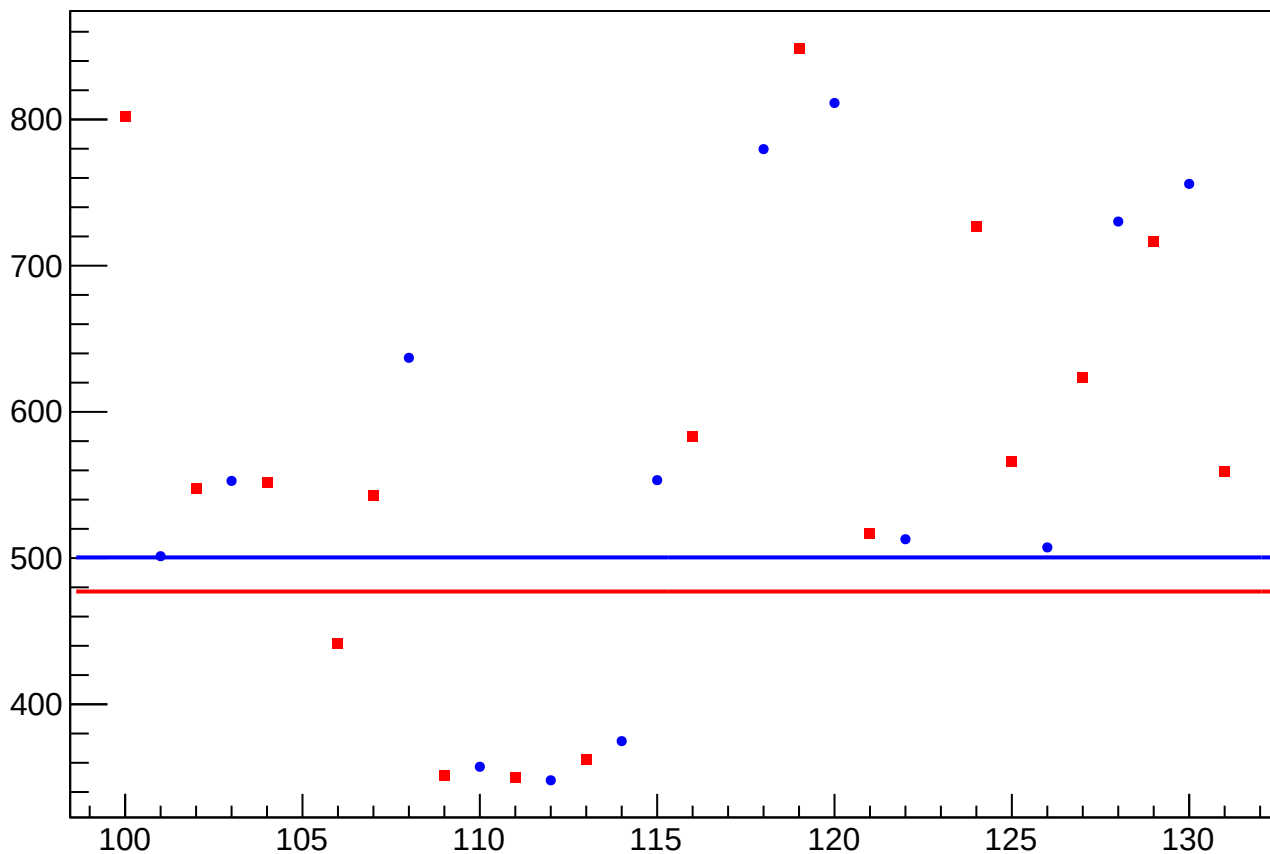
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 241.414 $\pm$ 148.085 χ^2 /NDF: 32.2/28

- 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: 500.469+/-0.157 χ^2/NDF : 844680.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 477.144+/-0.140 χ^2/NDF : 883690.3/15

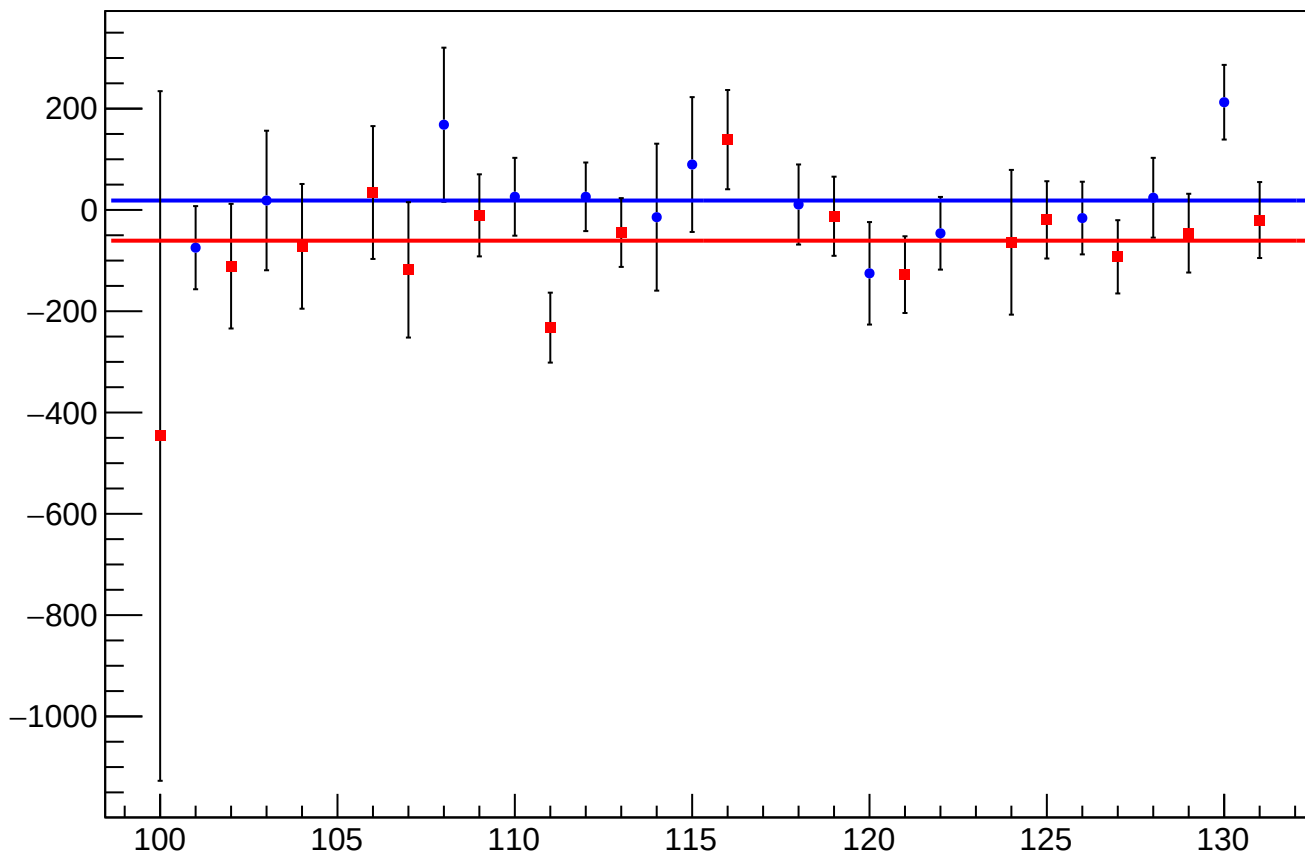
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 487.500+/-0.105 χ^2/NDF : 1740620.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_37_dd_mean vs Slug



Right In: 18.573 ± 24.065 χ^2/NDF : 12.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -60.686 ± 22.225 χ^2/NDF : 14.0/15

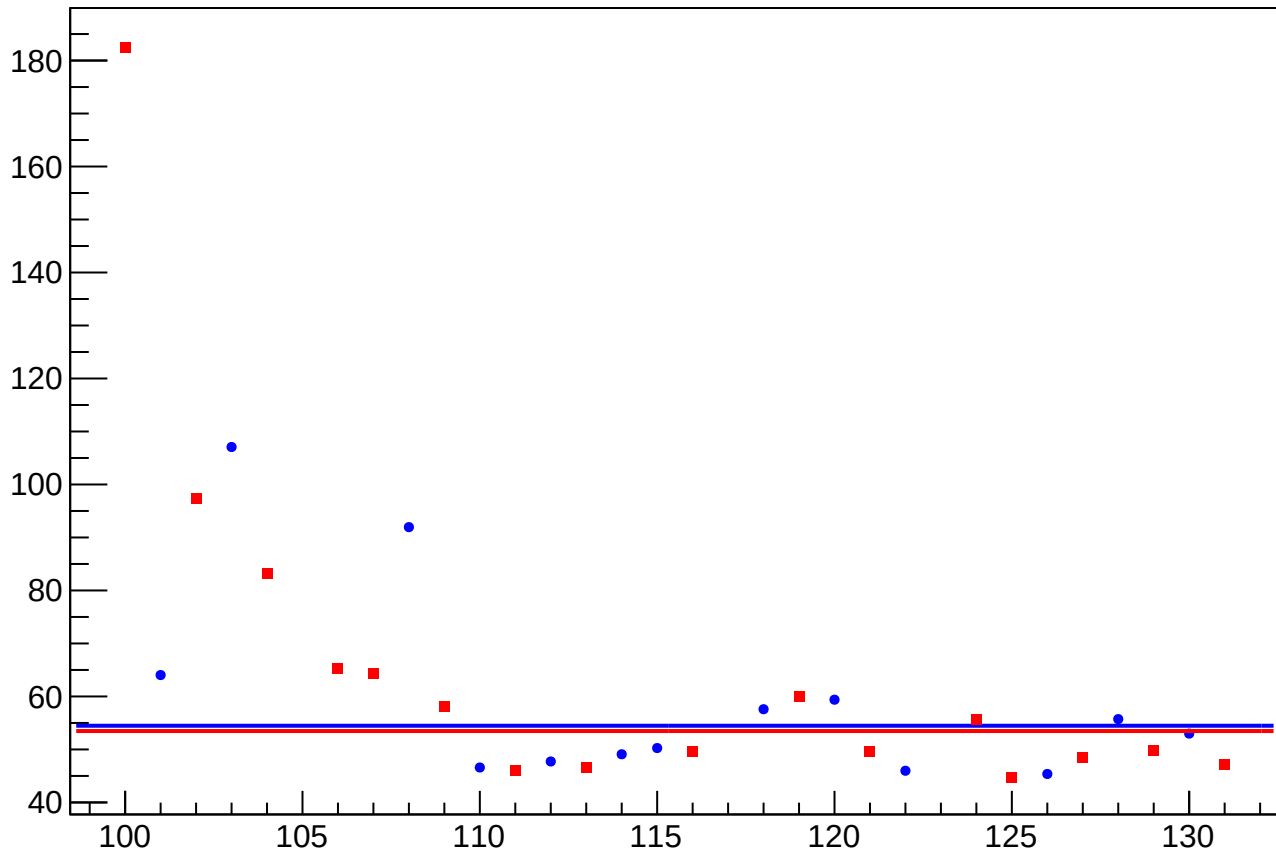
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -24.202 ± 16.327 χ^2/NDF : 32.4/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_37_dd_rms vs Slug



Right In: 54.474+/-0.017 χ^2/NDF : 555049.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.475+/-0.016 χ^2/NDF : 599745.0/15

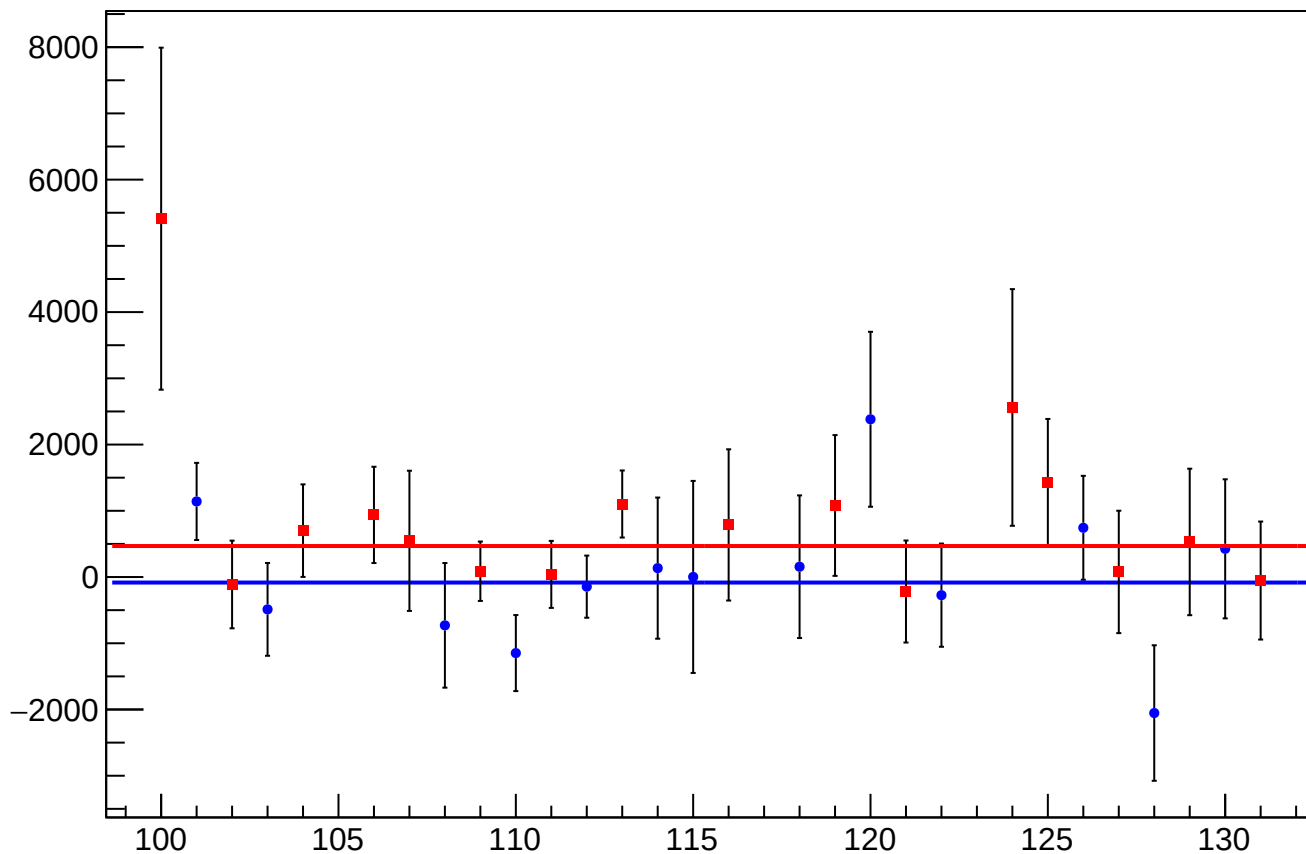
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.935+/-0.012 χ^2/NDF : 1156654.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_dit_correction_mean vs Slug



Right In: -83.199 $\pm$ 215.059 χ^2 /NDF: 17.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 468.191 $\pm$ 188.872 χ^2 /NDF: 12.1/15

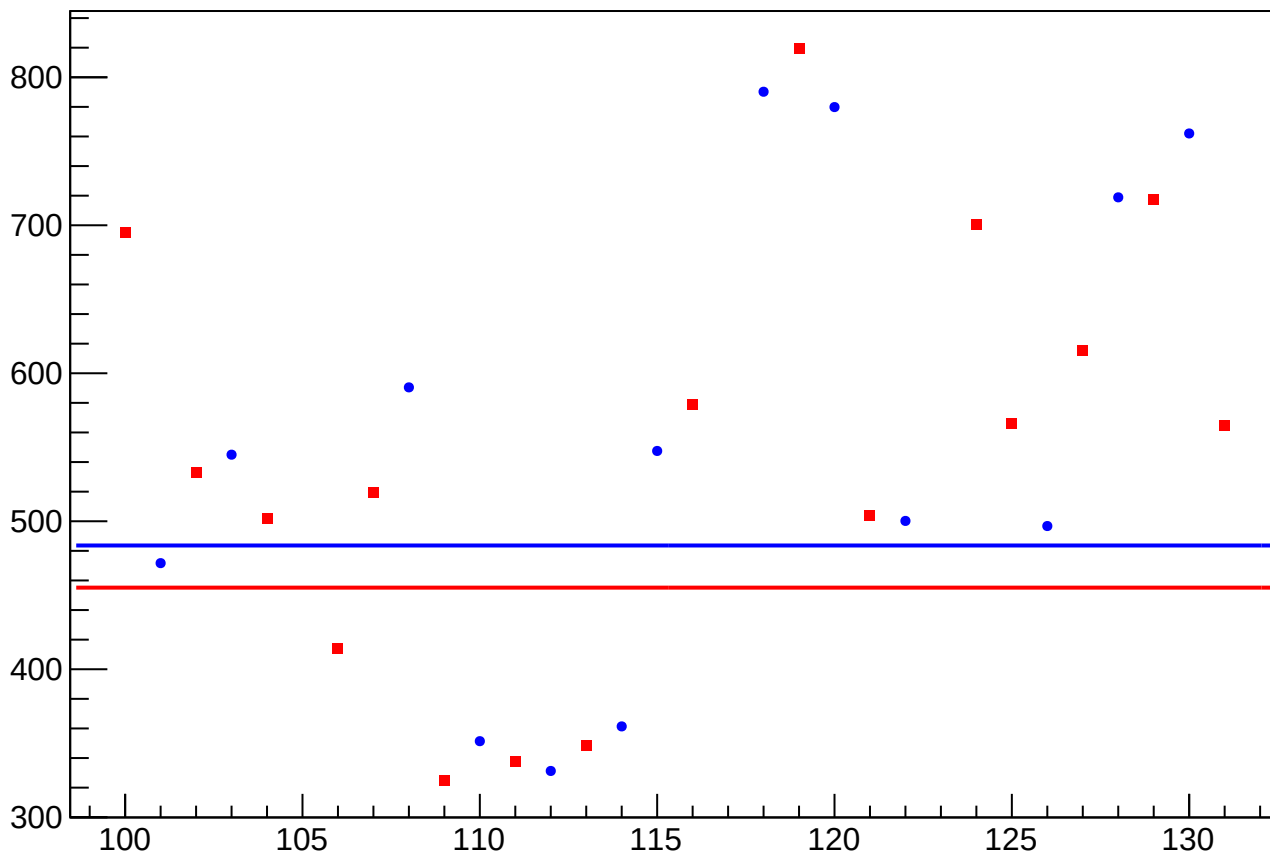
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 228.092 $\pm$ 141.913 χ^2 /NDF: 33.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_dit_correction_rms vs Slug



Right In: 483.627 $\pm$ 0.152 χ^2 /NDF: 899914.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 455.149 $\pm$ 0.134 χ^2 /NDF: 965939.4/15

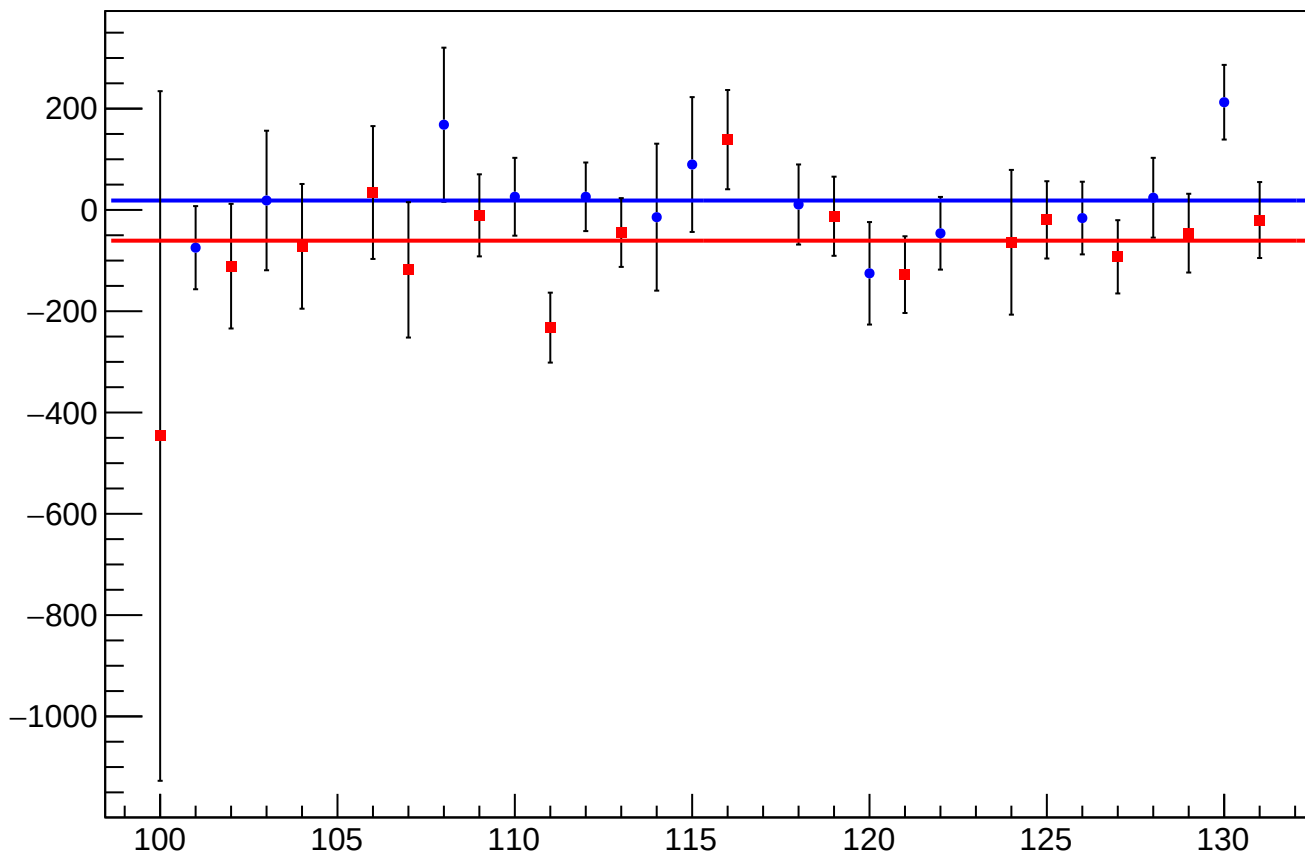
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 467.549 $\pm$ 0.100 χ^2 /NDF: 1885653.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_37_dd_mean vs Slug



Right In: 18.574 $\pm$ 24.065 χ^2 /NDF: 12.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -60.687 $\pm$ 22.225 χ^2 /NDF: 14.0/15

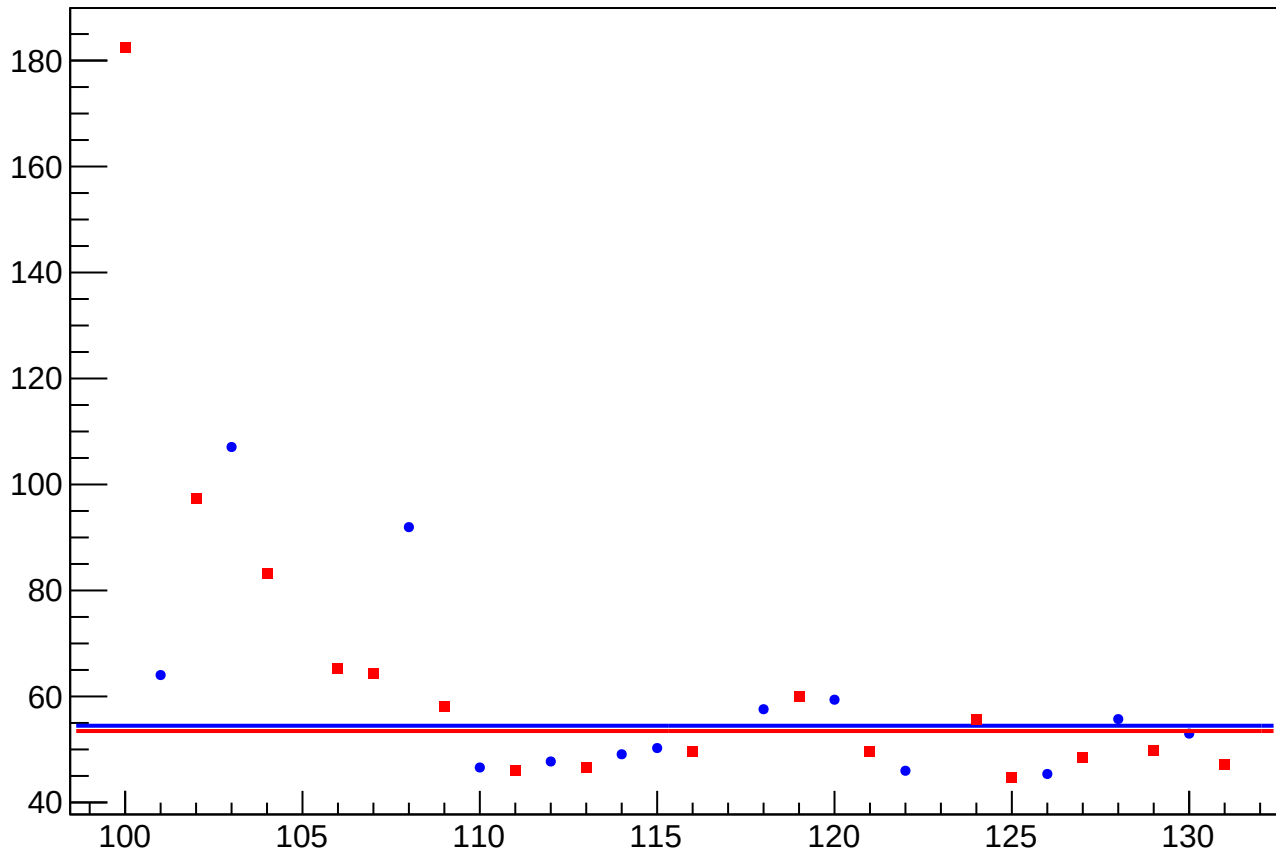
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -24.203 $\pm$ 16.327 χ^2 /NDF: 32.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_37_dd_rms vs Slug



Right In: 54.474+/-0.017 χ^2/NDF : 555042.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.475+/-0.016 χ^2/NDF : 599744.2/15

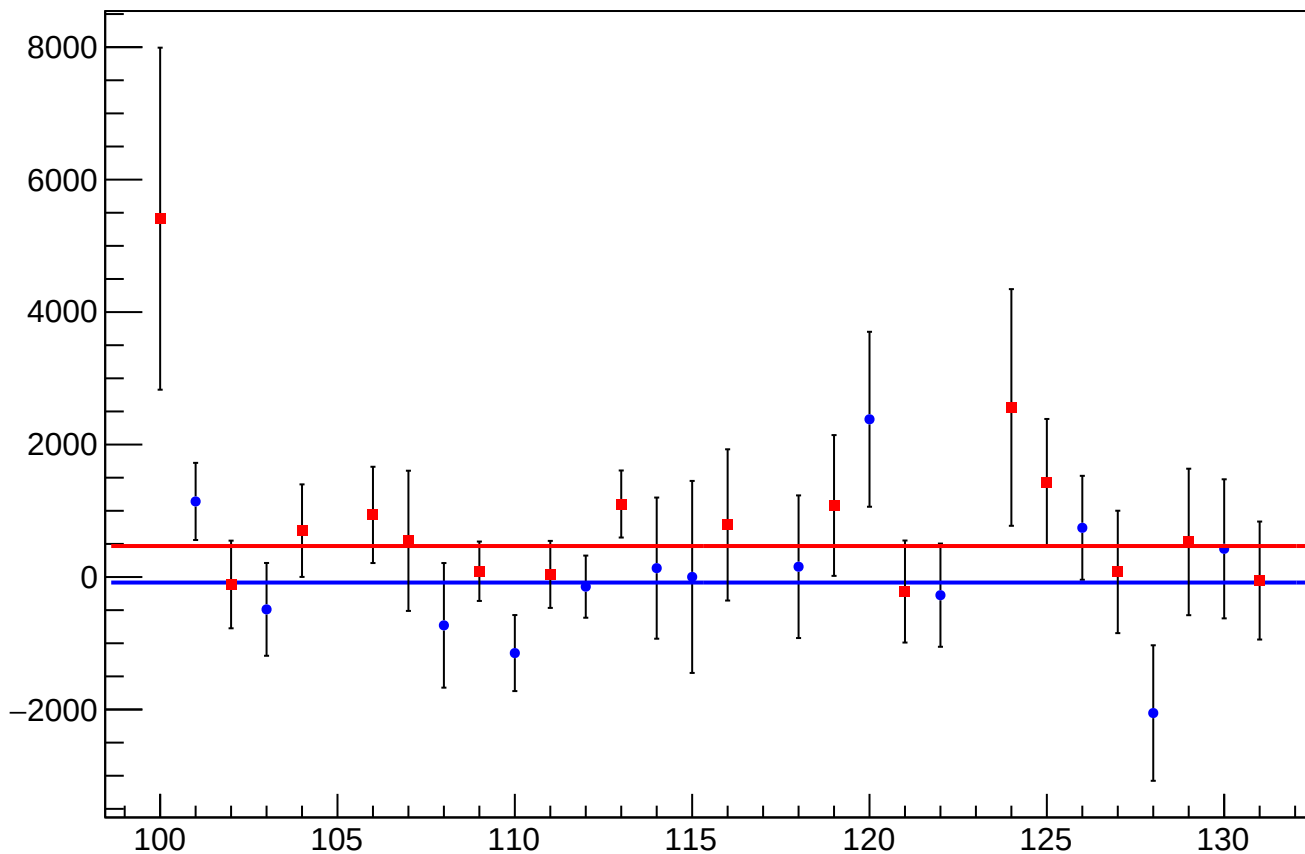
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.935+/-0.012 χ^2/NDF : 1156646.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_dit_correction_mean vs Slug



Right In: -83.199+/-215.058 χ^2/NDF : 17.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 468.190+/-188.871 χ^2/NDF : 12.1/15

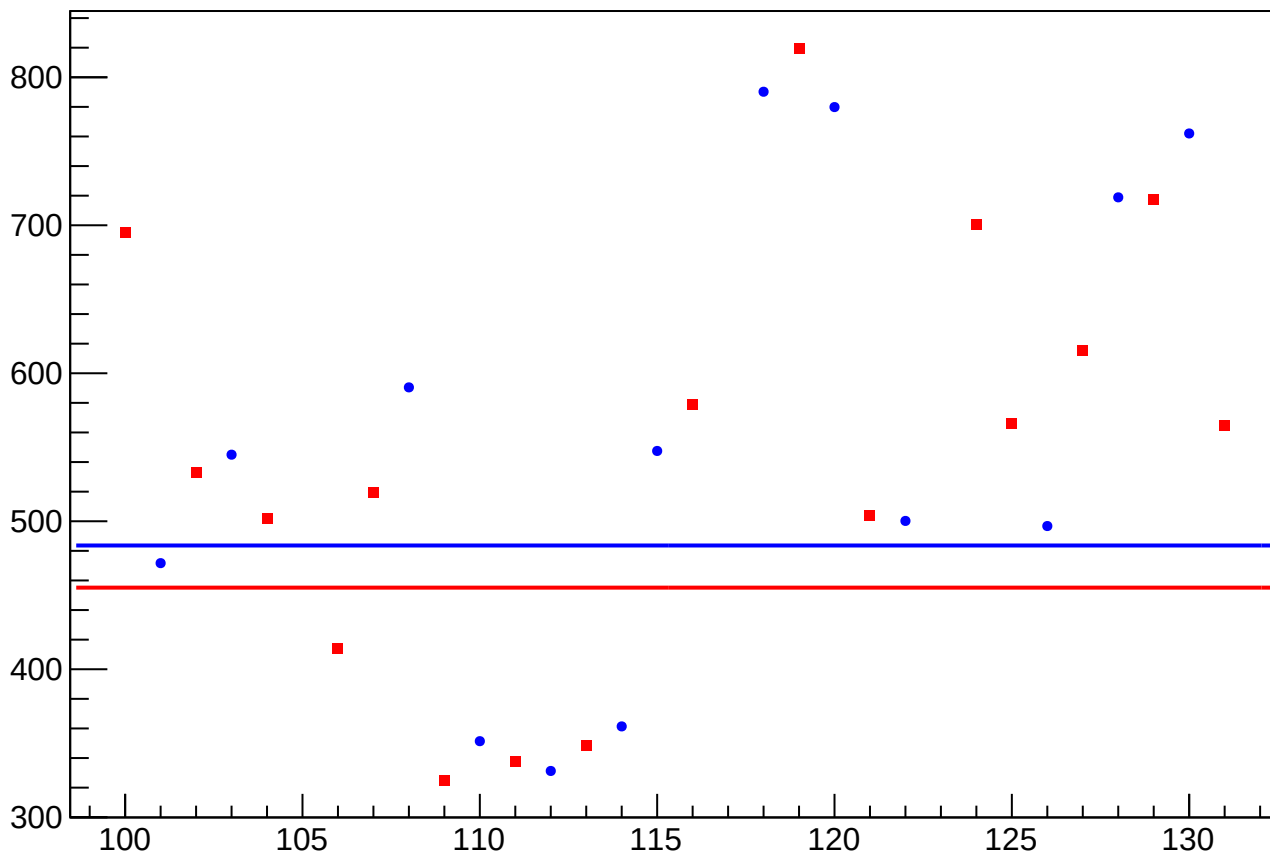
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.092+/-141.912 χ^2/NDF : 33.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_dit_correction_rms vs Slug



Right In: 483.626+/-0.152 χ^2/NDF : 899917.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

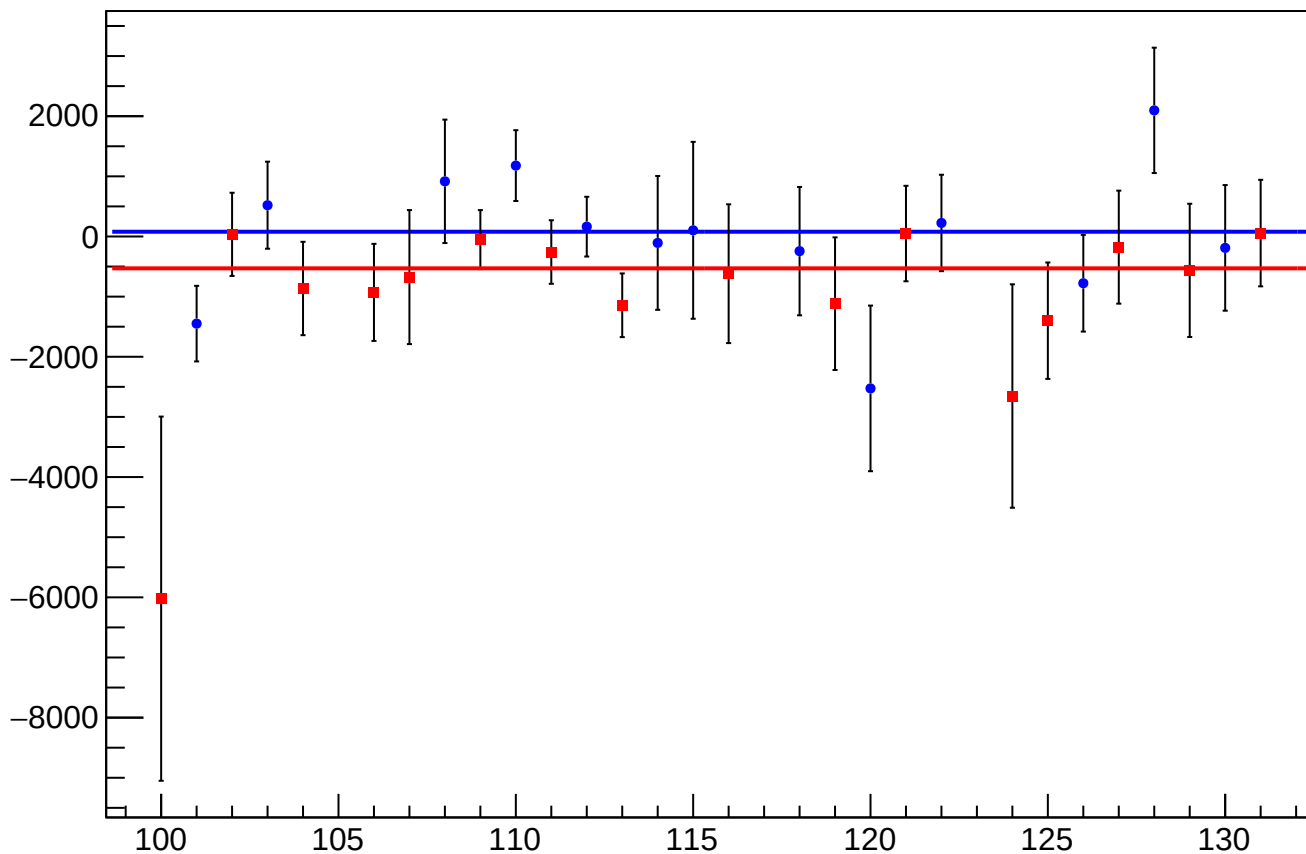
Right Out: 455.148+/-0.134 χ^2/NDF : 965937.8/15

All: 467.548+/-0.100 χ^2/NDF : 1885653.9/28

- 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: 79.038+/-223.907 χ^2 /NDF: 19.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -529.590+/-199.028 χ^2 /NDF: 10.5/15

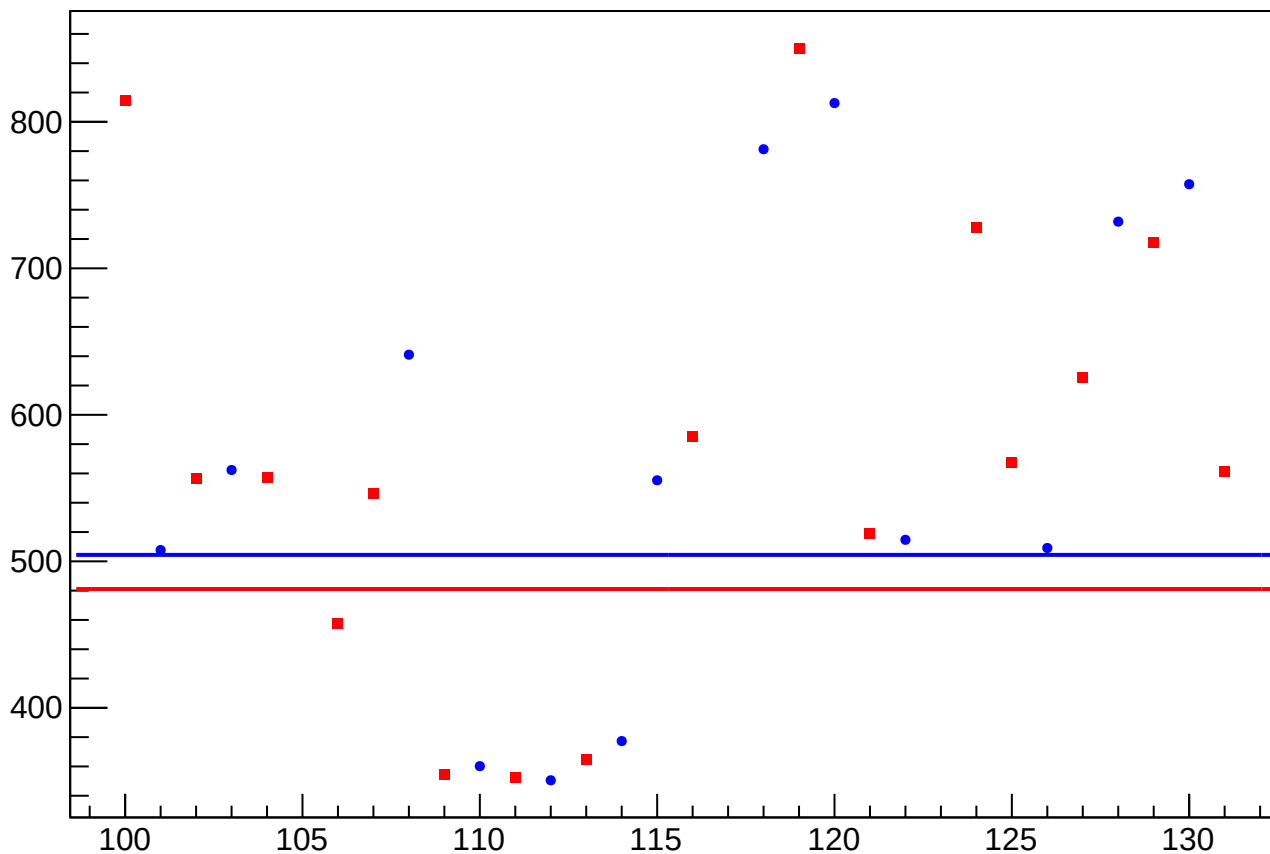
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -260.956+/-148.756 χ^2 /NDF: 33.8/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_rms vs Slug



Right In: 504.403 $\pm$ 0.158 χ^2 /NDF: 836768.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 481.097 $\pm$ 0.141 χ^2 /NDF: 874055.3/15

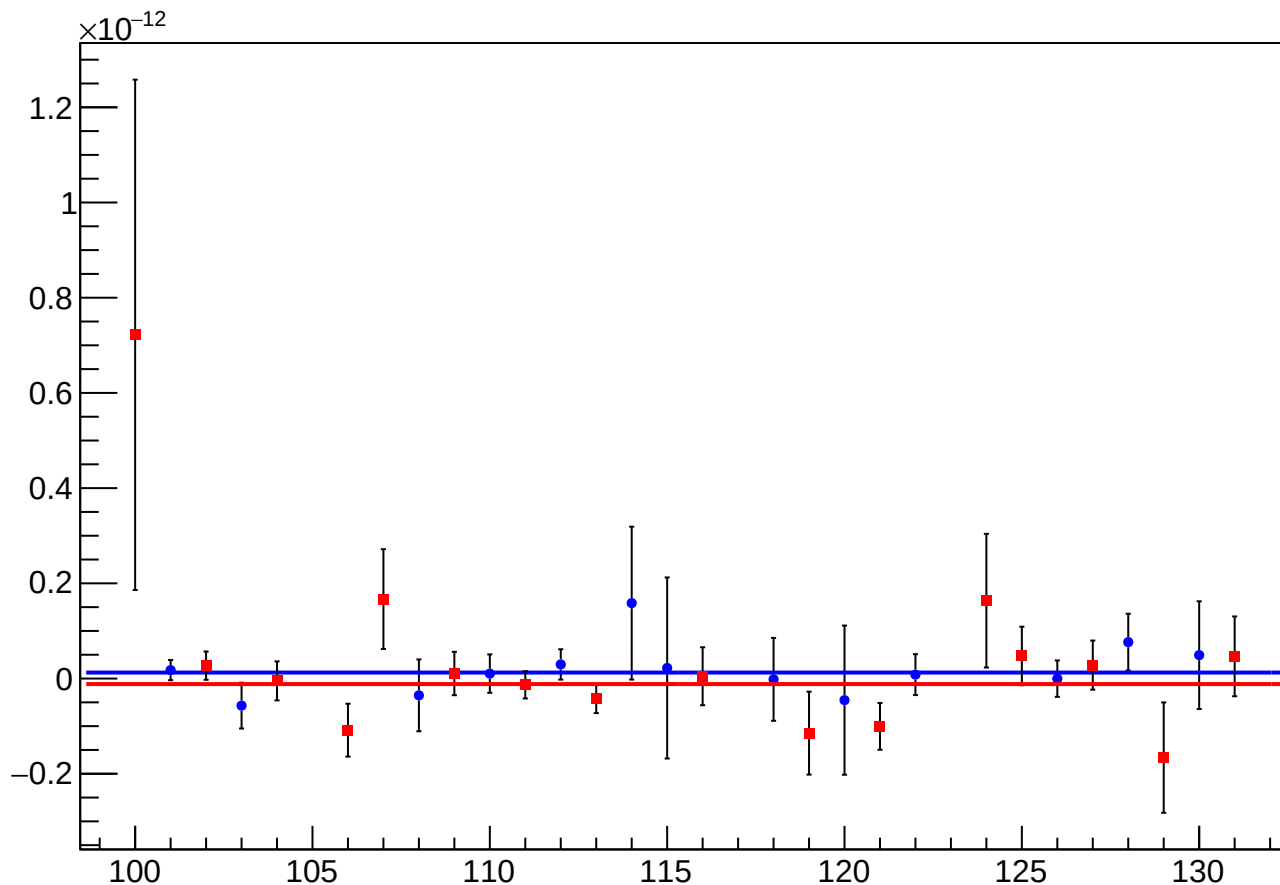
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 491.384 $\pm$ 0.105 χ^2 /NDF: 1722927.5/28

- sign 0.000 $\pm$ 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: 5.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.9/15

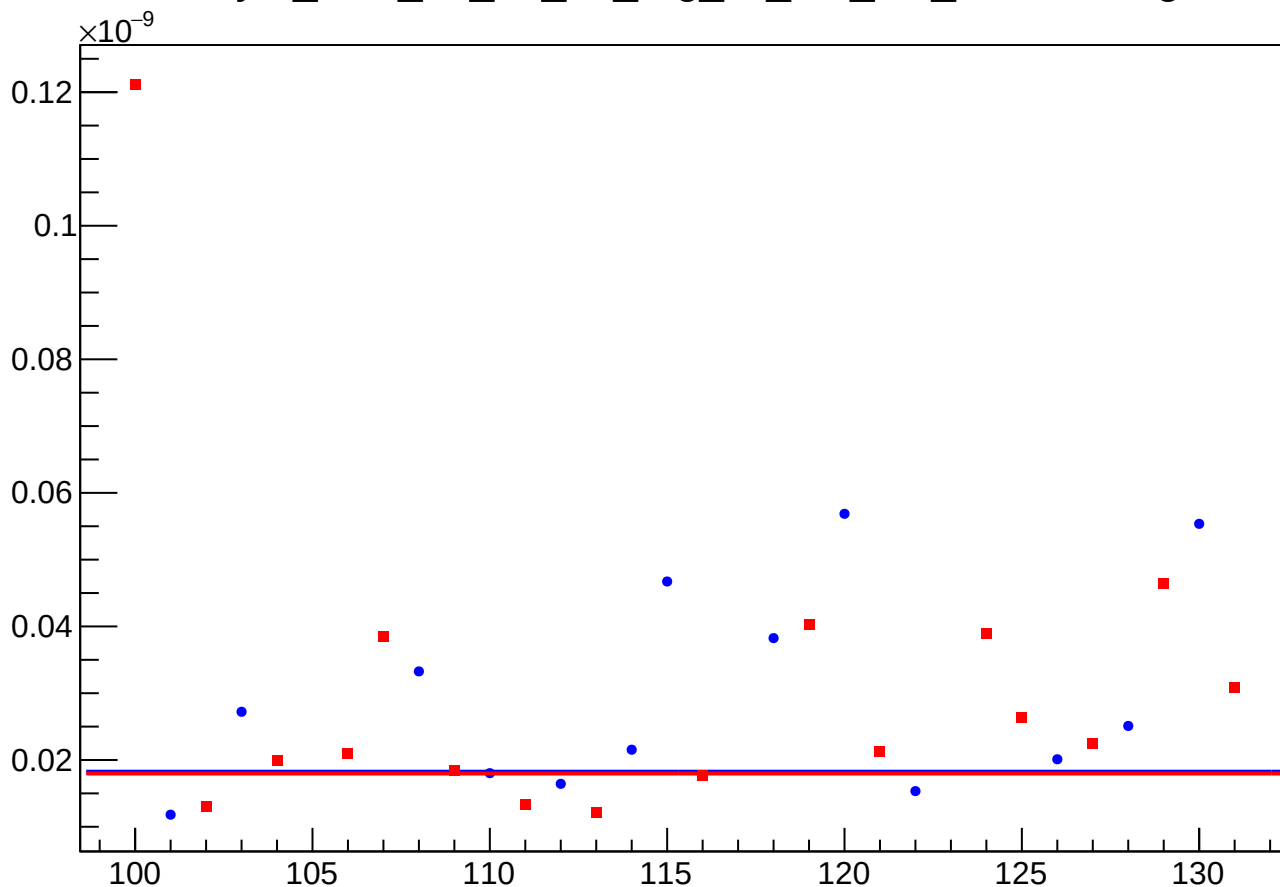
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 28.0/28

- 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 $\pm$ 0.000 χ^2 /NDF: 867460.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 746740.7/15

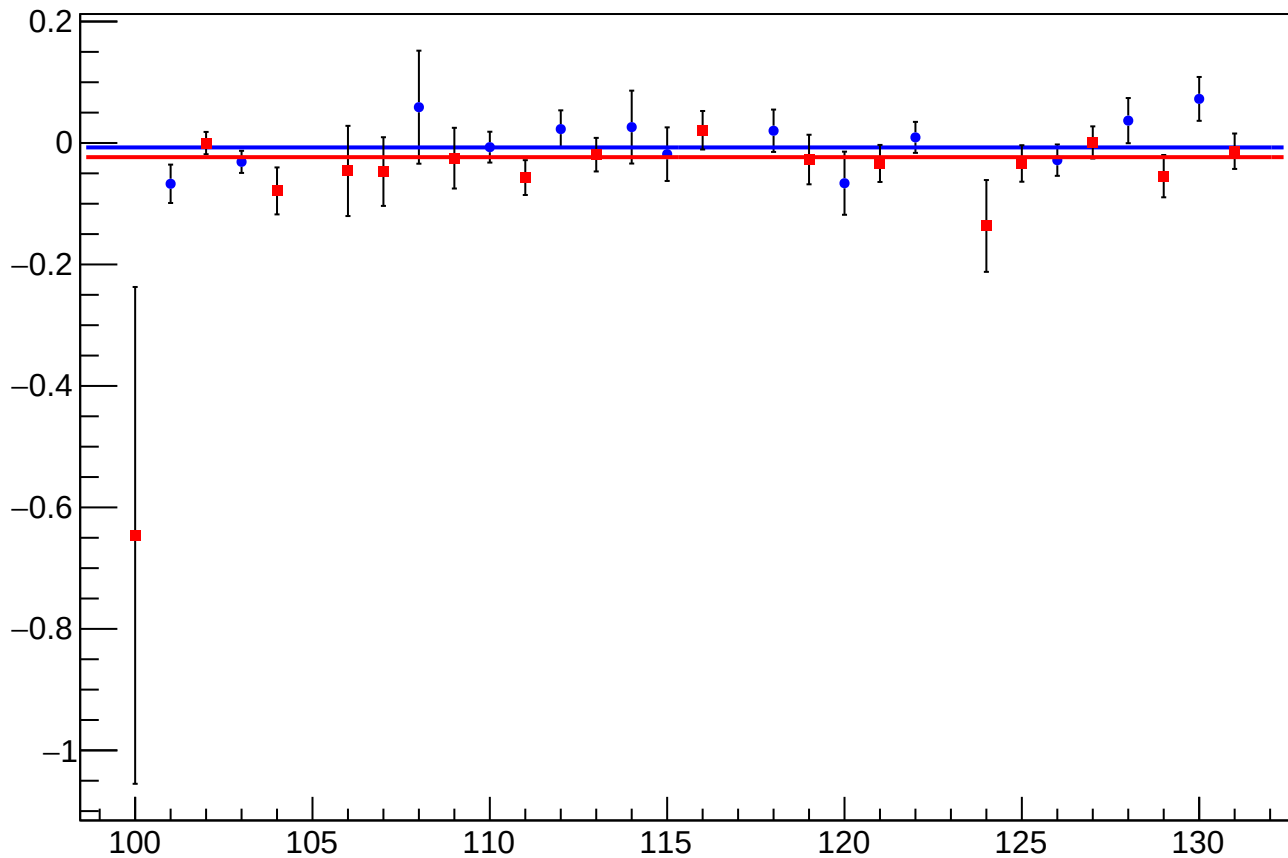
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1614668.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.007 ± 0.009 χ^2/NDF : 16.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.023 ± 0.008 χ^2/NDF : 13.9/15

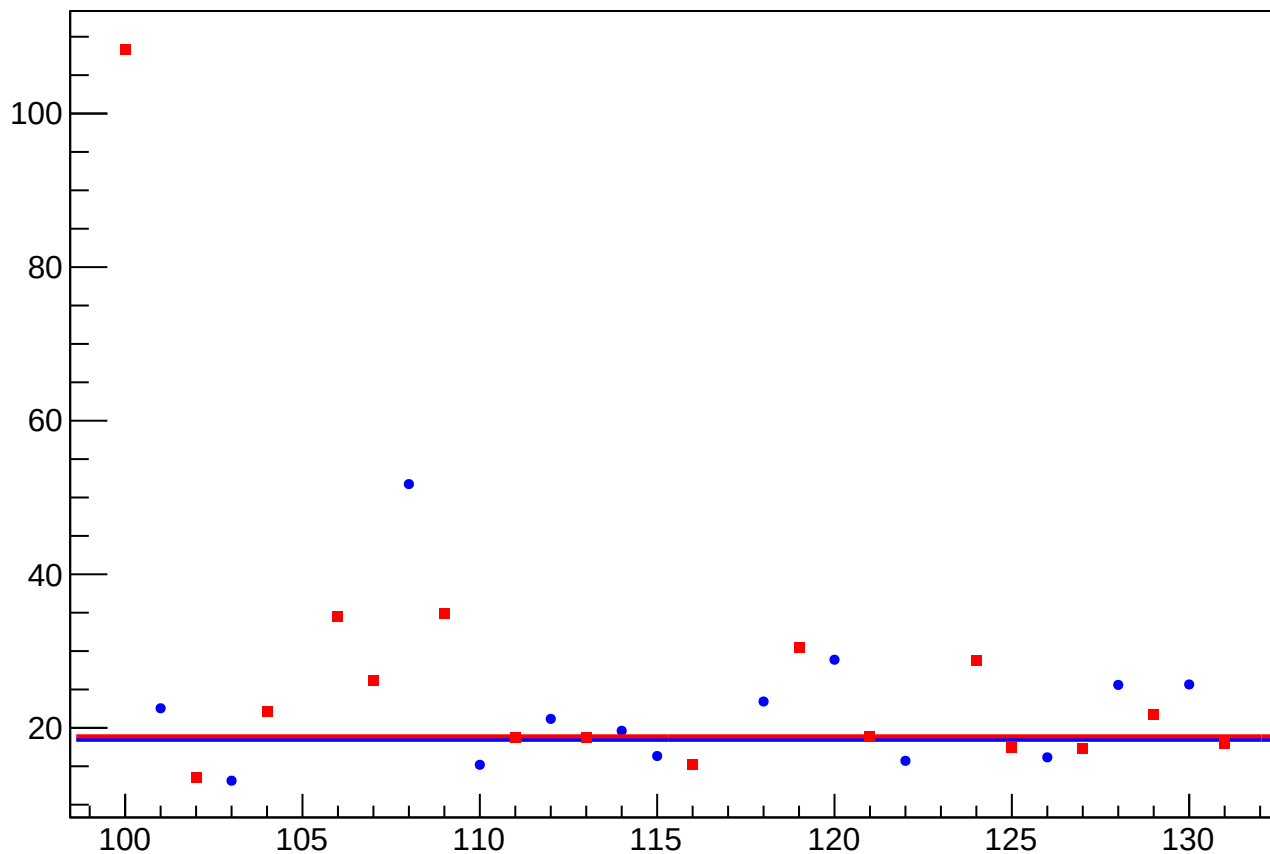
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.006 χ^2/NDF : 32.1/28

- 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: 18.448+/-0.006 χ^2/NDF : 828210.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.906+/-0.006 χ^2/NDF : 849775.9/15

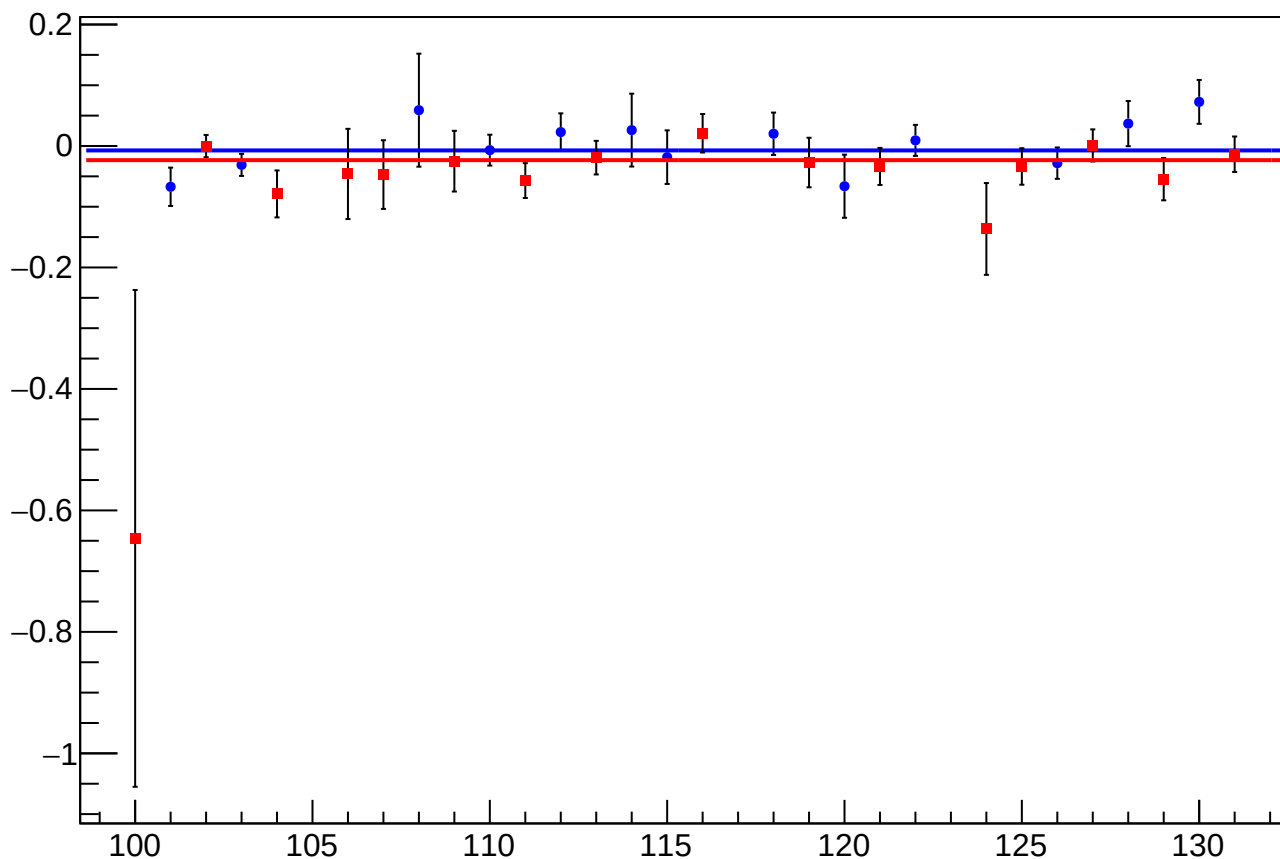
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.687+/-0.004 χ^2/NDF : 1680879.8/28

- 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: -0.007 ± 0.009 χ^2/NDF : 16.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.023 ± 0.008 χ^2/NDF : 13.9/15

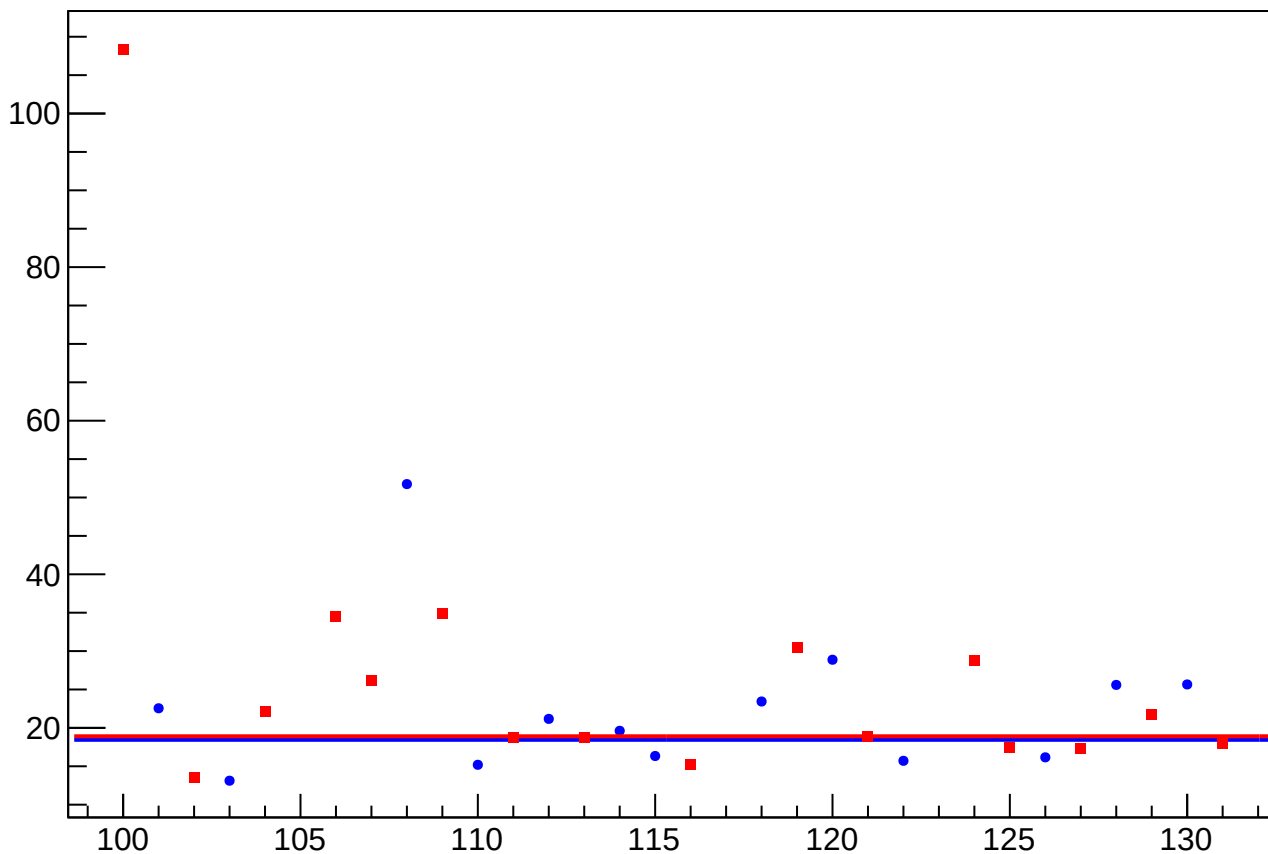
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.006 χ^2/NDF : 32.1/28

- 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: 18.448+/-0.006 χ^2/NDF : 828210.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.906+/-0.006 χ^2/NDF : 849775.9/15

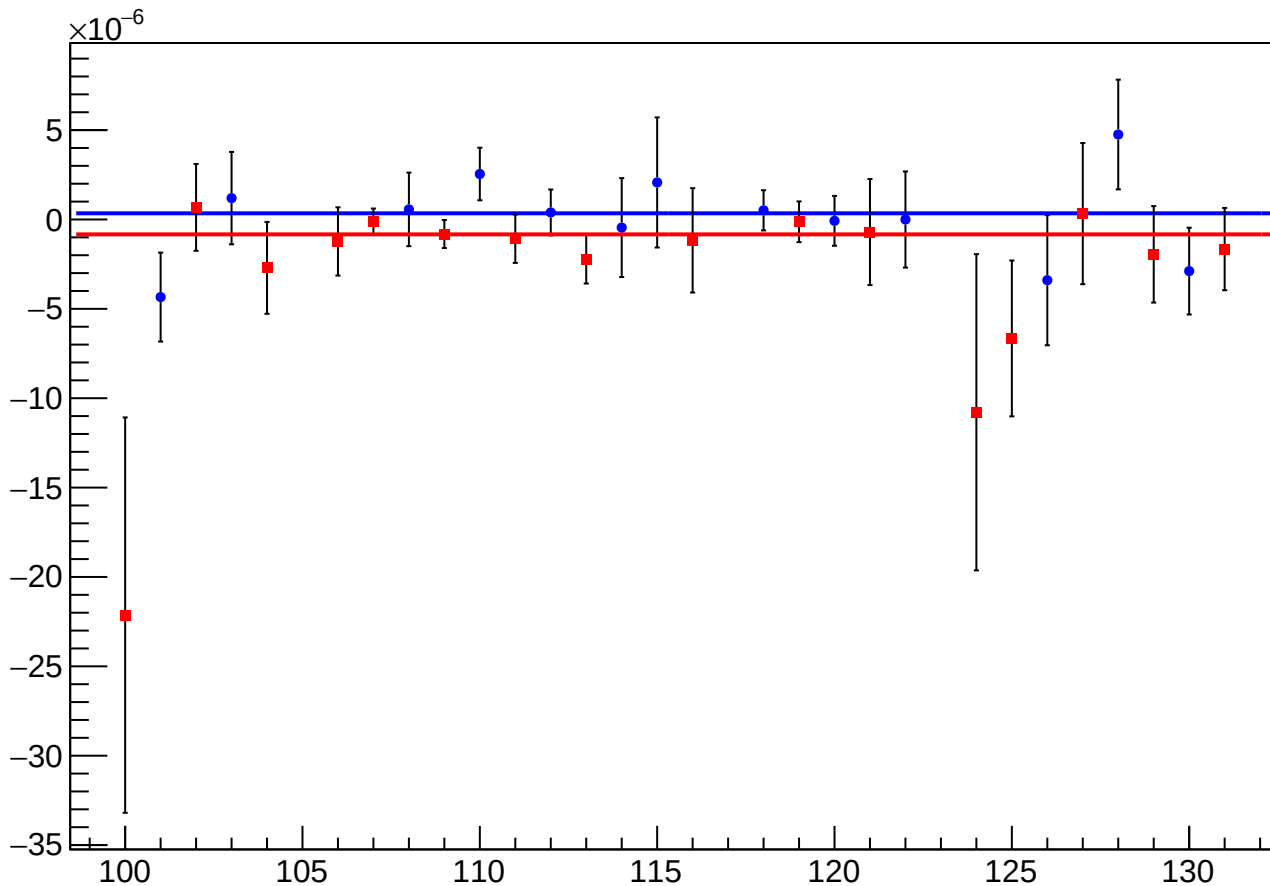
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.687+/-0.004 χ^2/NDF : 1680879.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.2/12

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

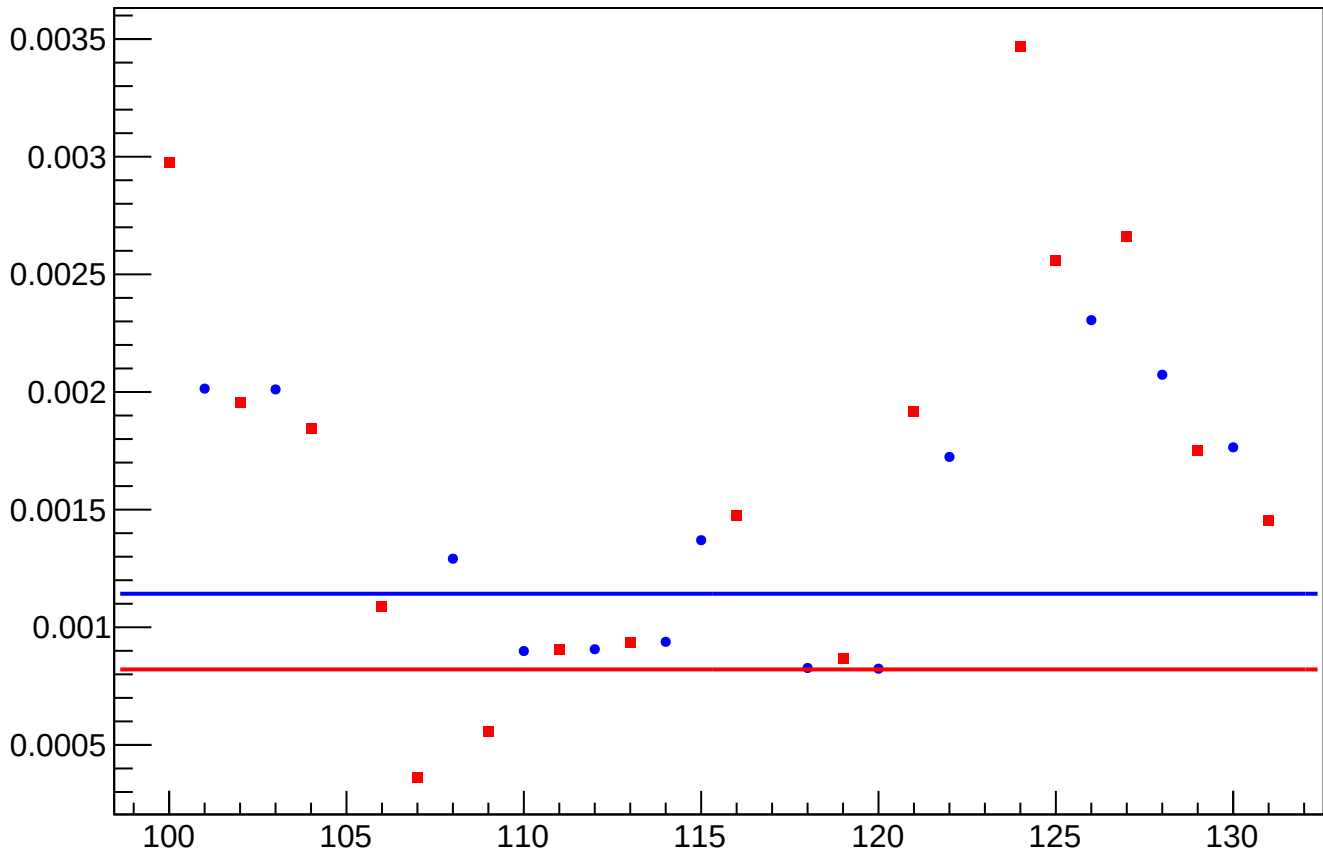
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 25.0/28

- sign 0.000 $\pm$ 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 : 1497593.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3595666.7/15

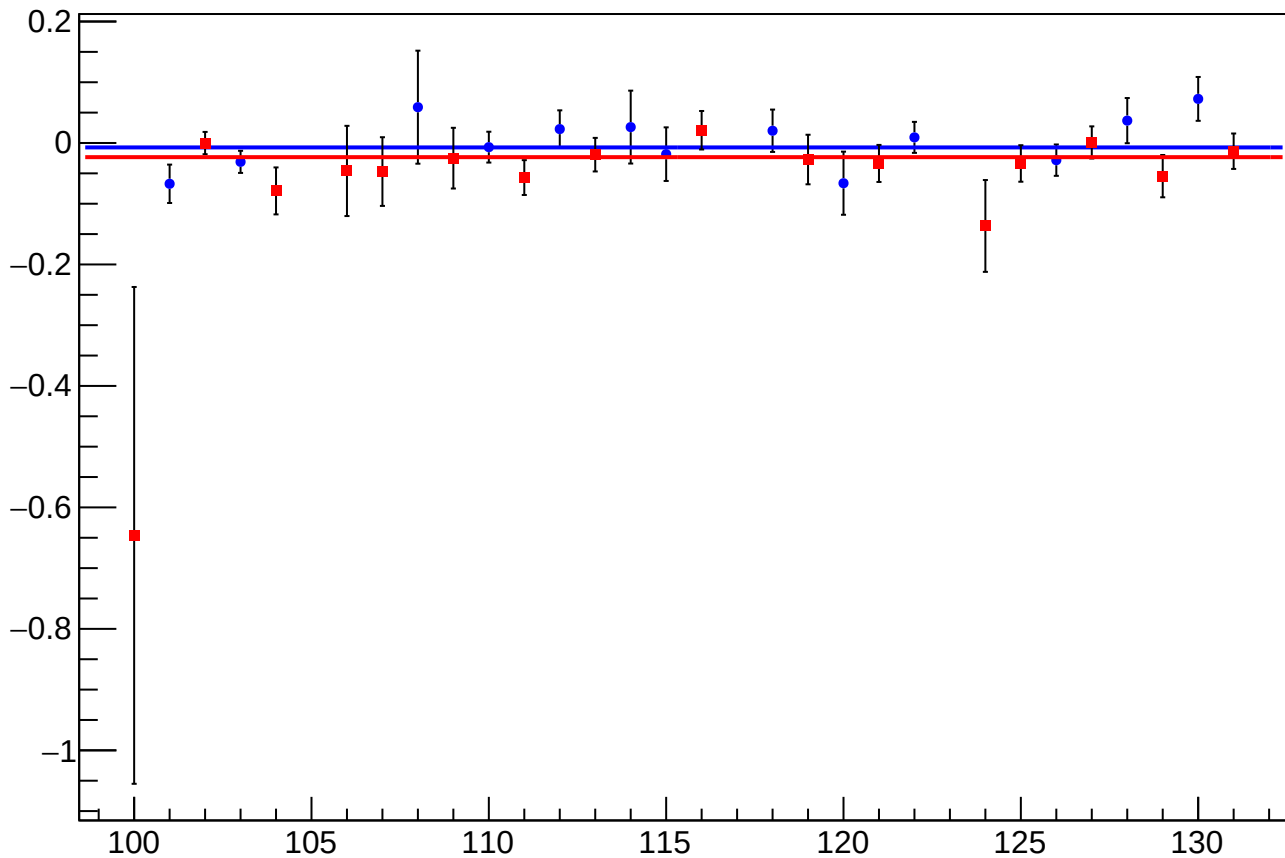
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5577336.0/28

- 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: -0.007 $\pm$ 0.009 χ^2 /NDF: 16.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.023 $\pm$ 0.008 χ^2 /NDF: 13.9/15

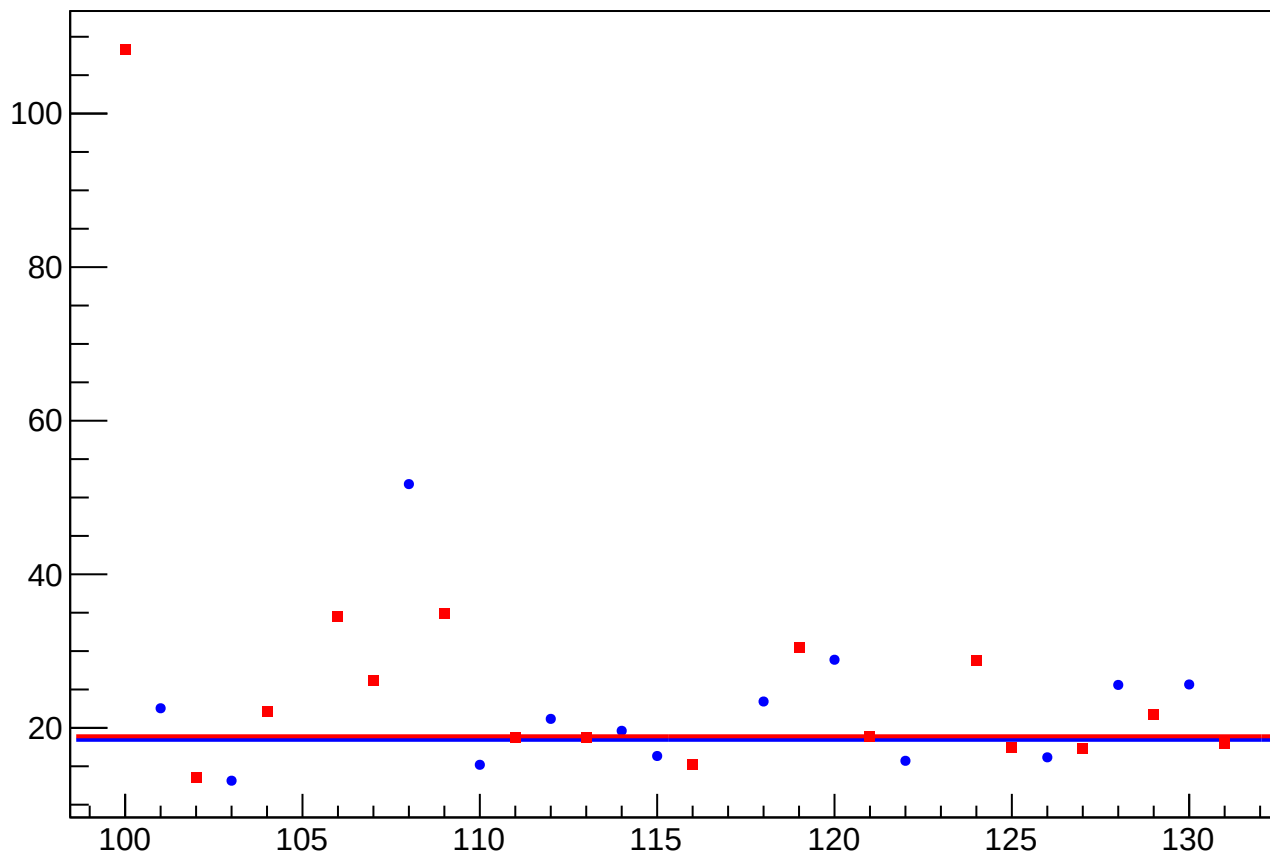
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.016 $\pm$ 0.006 χ^2 /NDF: 32.1/28

- 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: 18.449+/-0.006 χ^2/NDF : 828089.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.907+/-0.006 χ^2/NDF : 849642.4/15

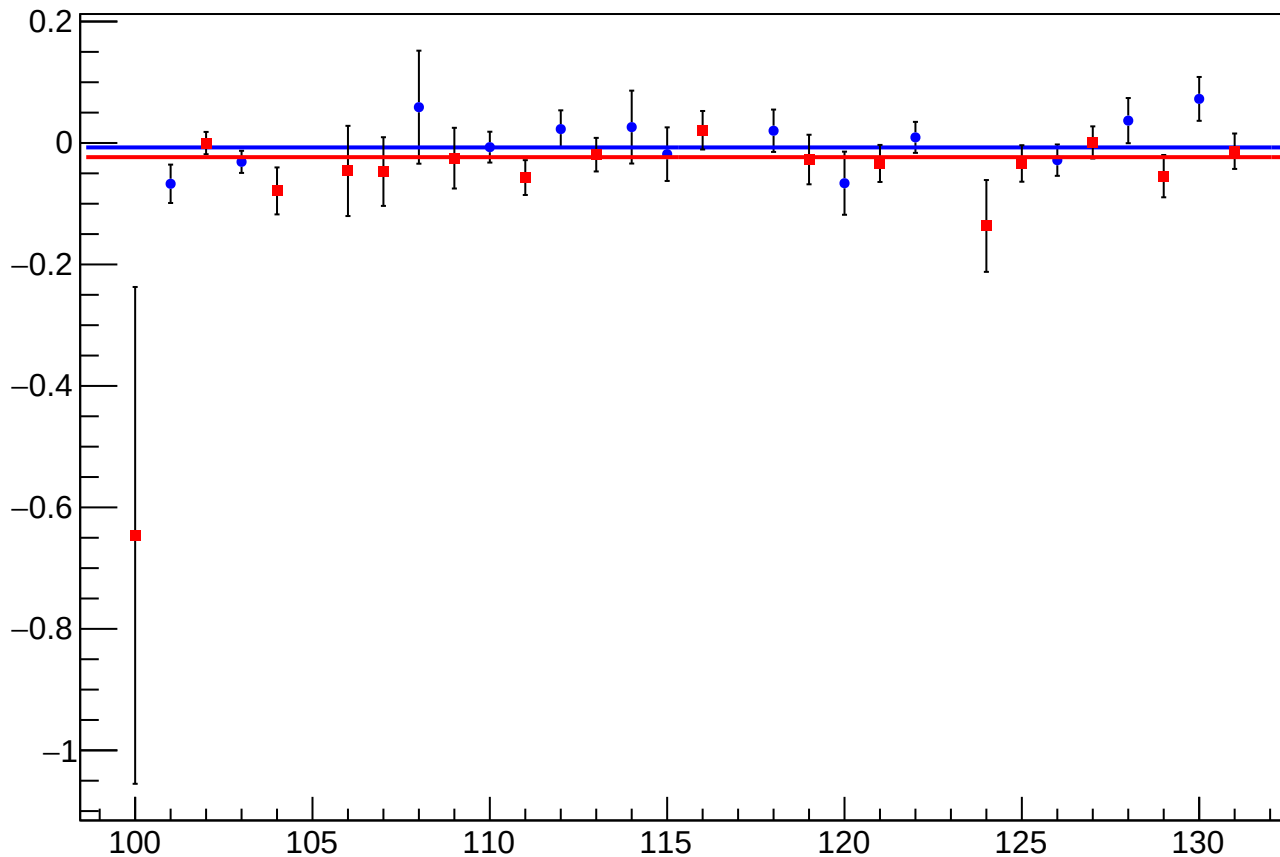
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.688+/-0.004 χ^2/NDF : 1680623.7/28

- 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: -0.007 $\pm$ 0.009 χ^2 /NDF: 16.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.008 χ^2 /NDF: 13.9/15

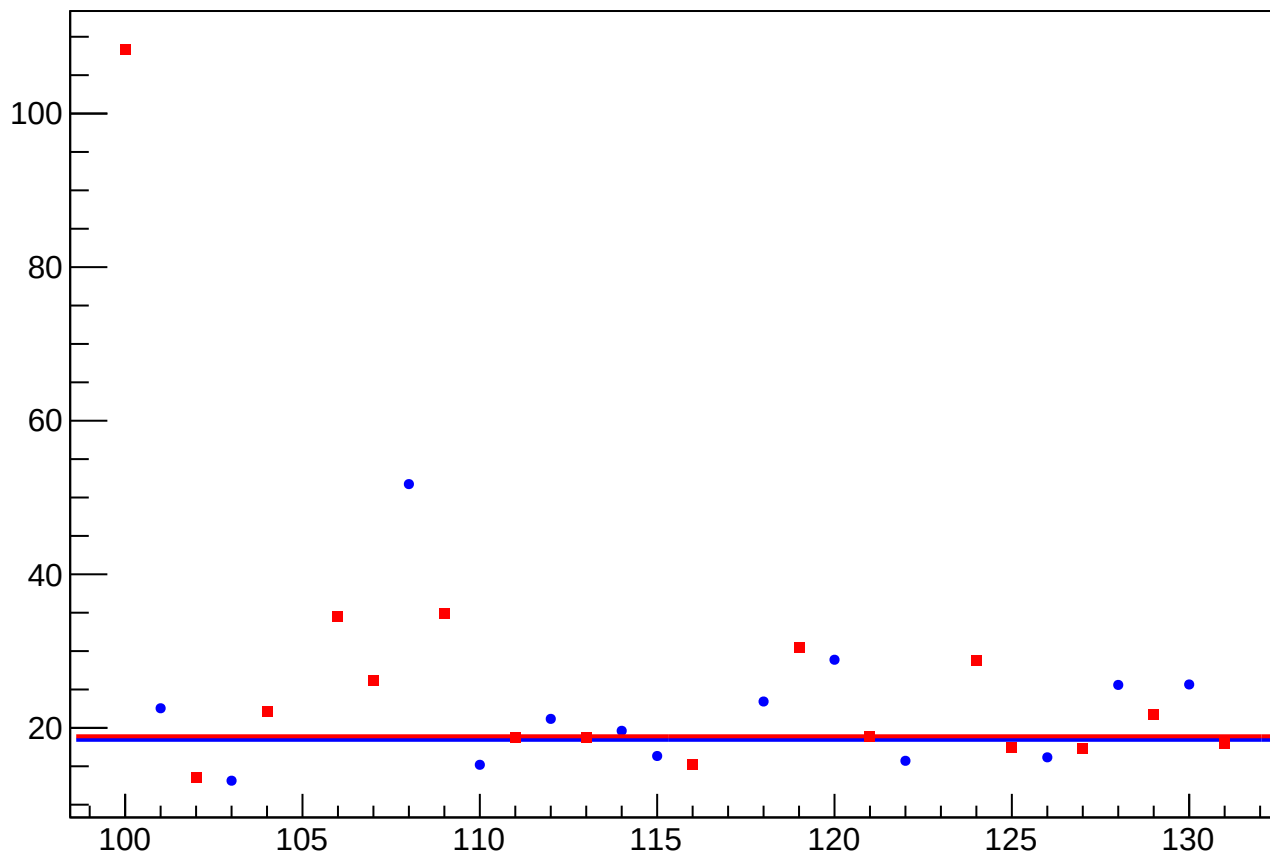
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.016 $\pm$ 0.006 χ^2 /NDF: 32.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 18.449+/-0.006 χ^2/NDF : 828089.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.907+/-0.006 χ^2/NDF : 849642.4/15

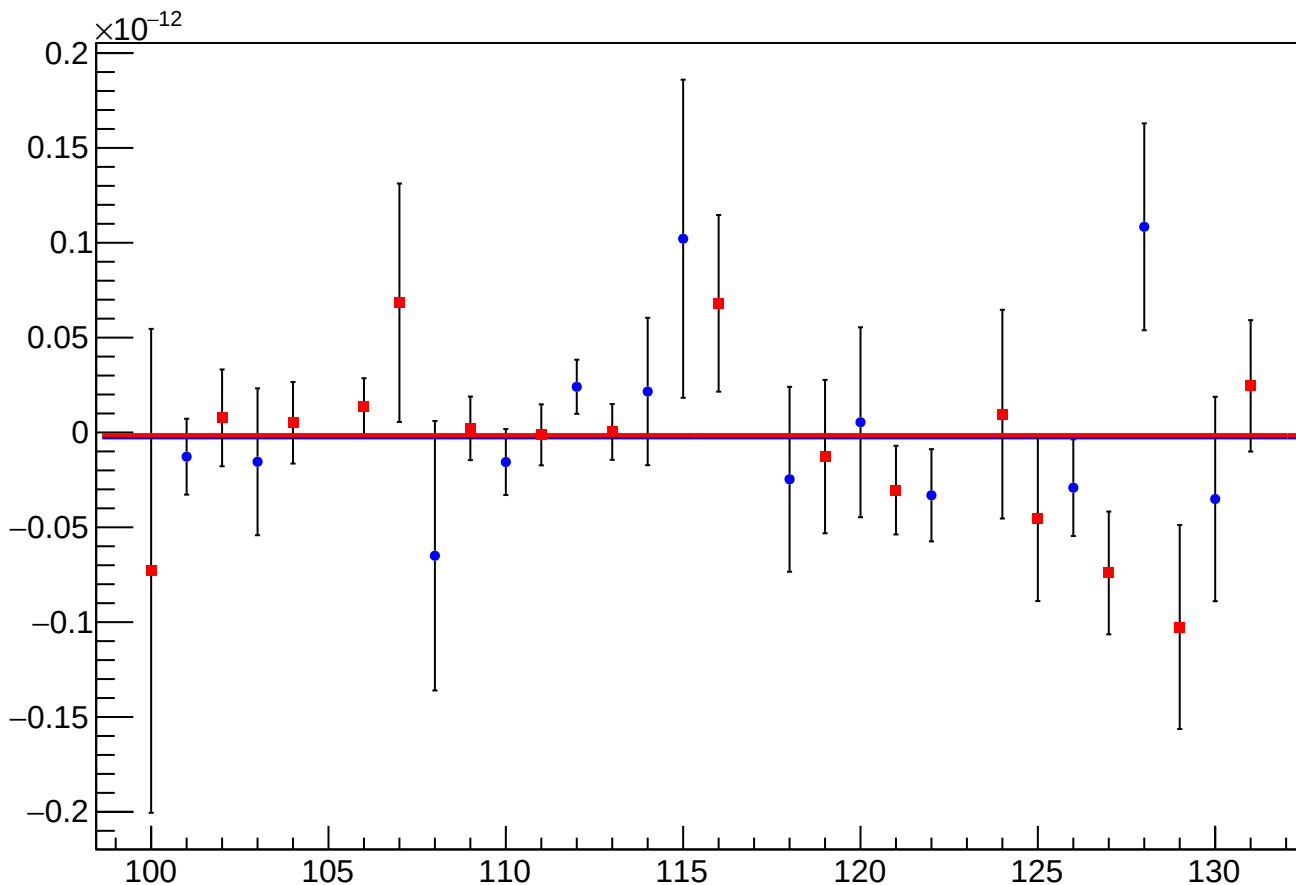
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.688+/-0.004 χ^2/NDF : 1680623.7/28

- 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: 14.5/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 16.9/15

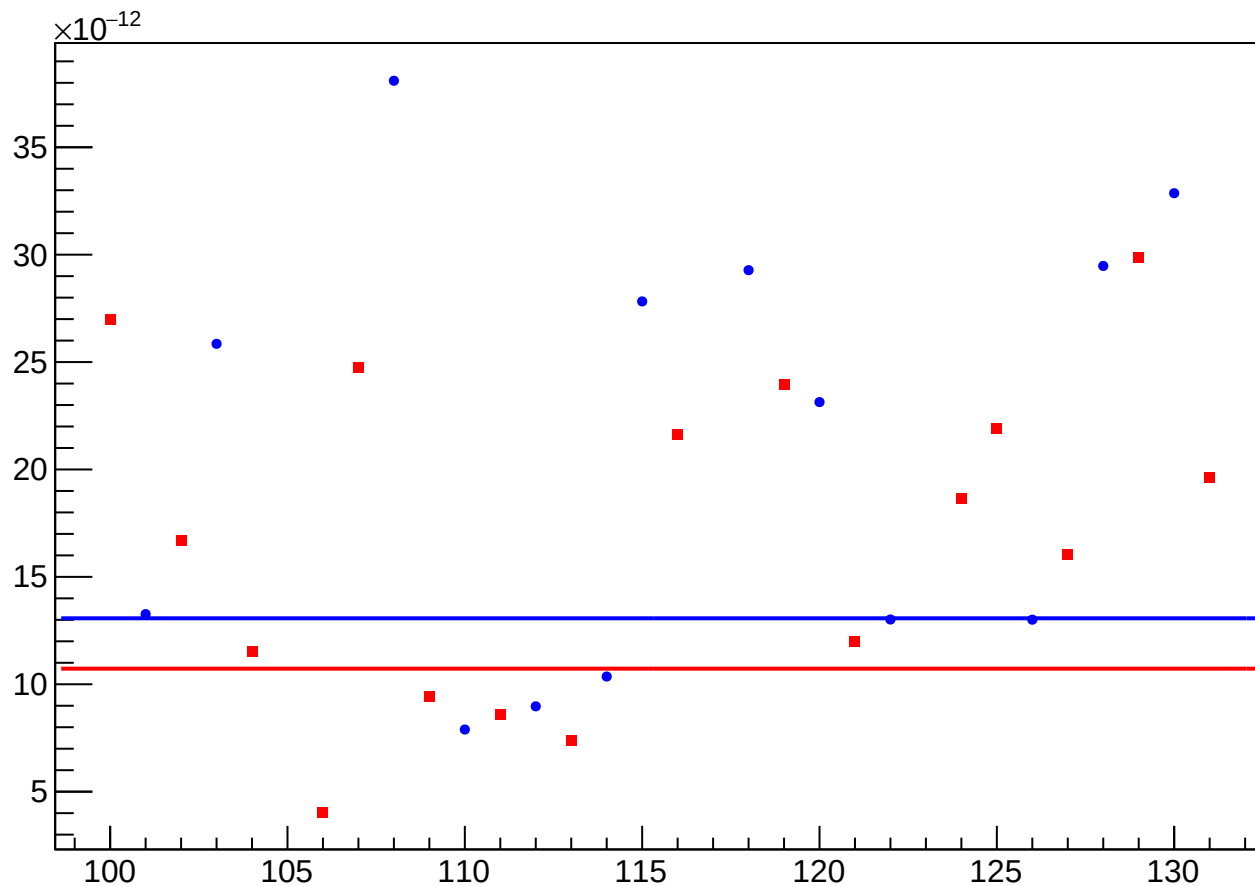
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 31.5/28

- 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 $\pm$ 0.000 χ^2 /NDF: 1633154.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1743800.6/15

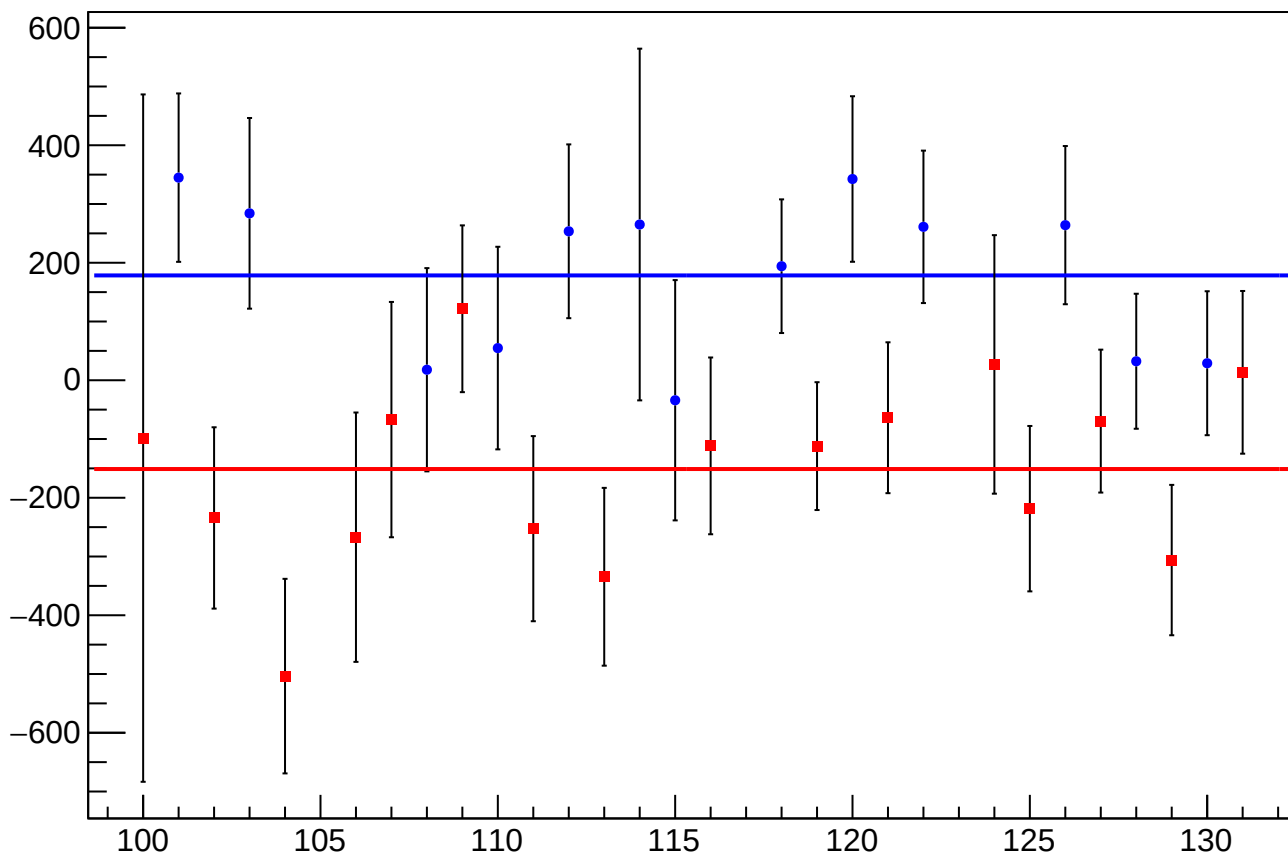
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3491238.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_24_68_dd_mean vs Slug



Right In: 178.437 $\pm$ 40.190 χ^2 /NDF: 9.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -151.097 $\pm$ 37.706 χ^2 /NDF: 15.8/15

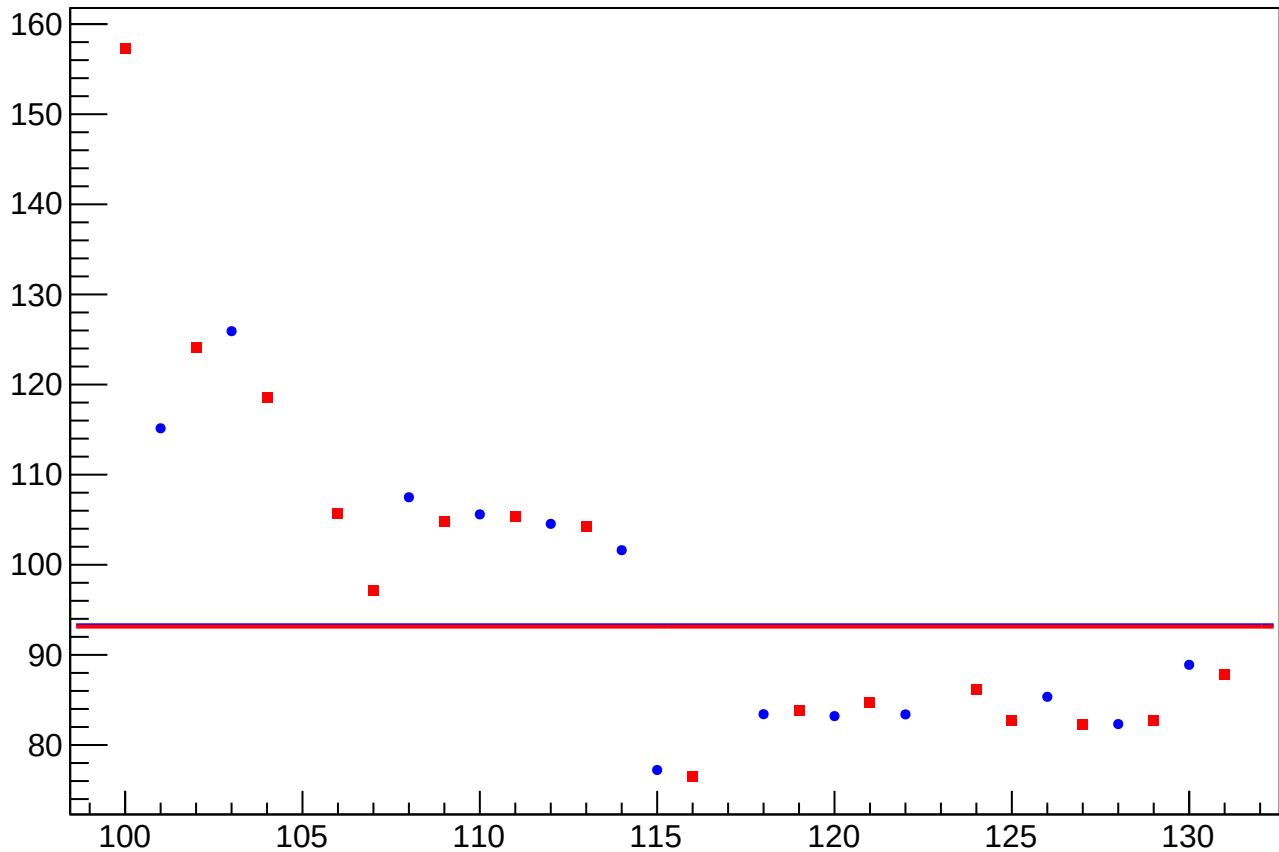
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.169 $\pm$ 27.498 χ^2 /NDF: 61.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_24_68_dd_rms vs Slug



Right In: 93.283+/-0.028 χ^2/NDF : 241171.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.138+/-0.027 χ^2/NDF : 288296.2/15

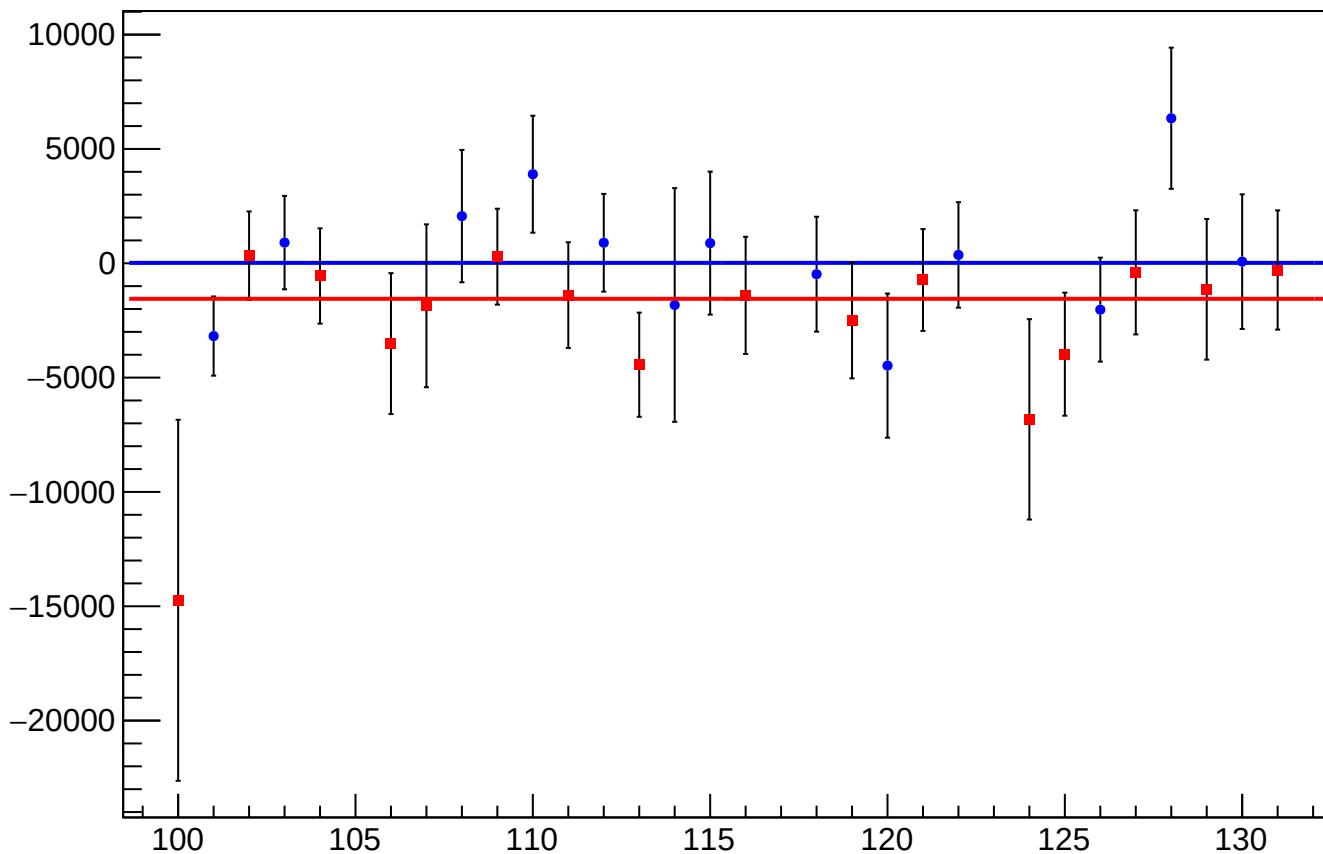
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.206+/-0.019 χ^2/NDF : 529481.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_reg_correction_mean vs Slug



Right In: 17.785+/-695.713 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1553.542+/-646.260 χ^2/NDF : 9.7/15

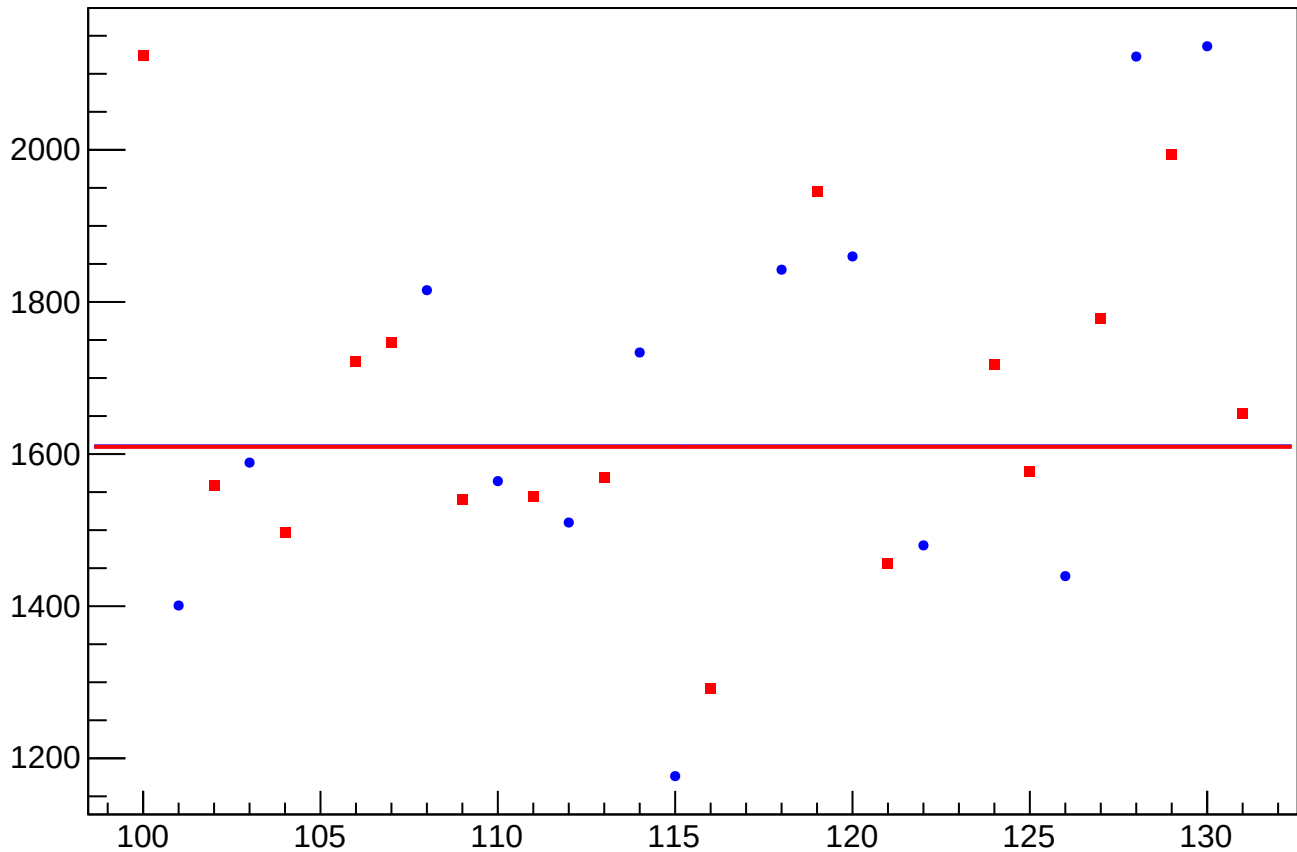
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -825.704+/-473.493 χ^2/NDF : 26.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_reg_correction_rms vs Slug



Right In: 1610.169+/-0.492 χ^2/NDF : 250453.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

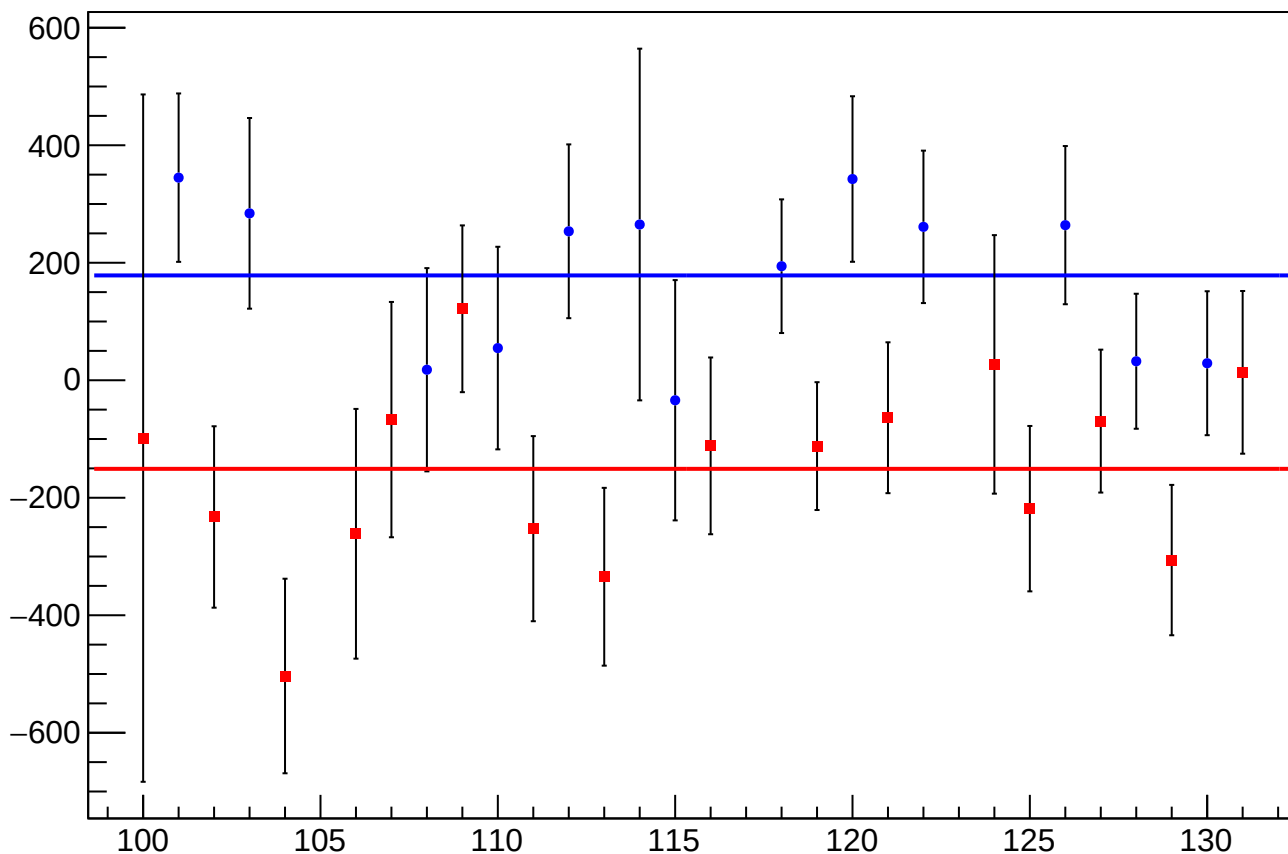
Right Out: 1609.580+/-0.457 χ^2/NDF : 142336.5/15

All: 1609.853+/-0.335 χ^2/NDF : 392791.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_24_68_dd_mean vs Slug



Right In: 178.436 $\pm$ 40.190 χ^2 /NDF: 9.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -150.788 $\pm$ 37.708 χ^2 /NDF: 15.7/15

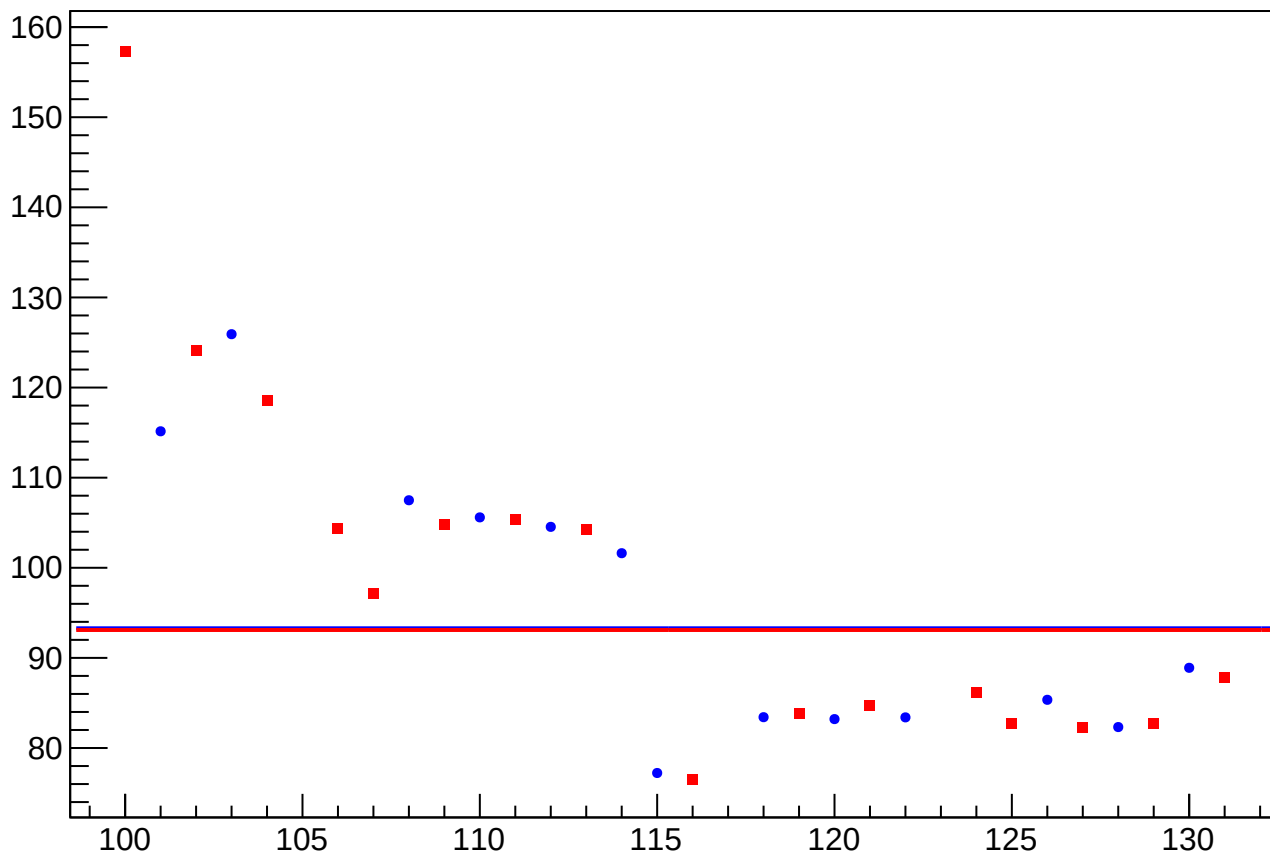
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.346 $\pm$ 27.499 χ^2 /NDF: 61.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_24_68_dd_rms vs Slug



Right In: 93.283+/-0.028 χ^2/NDF : 241173.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.098+/-0.027 χ^2/NDF : 287143.8/15

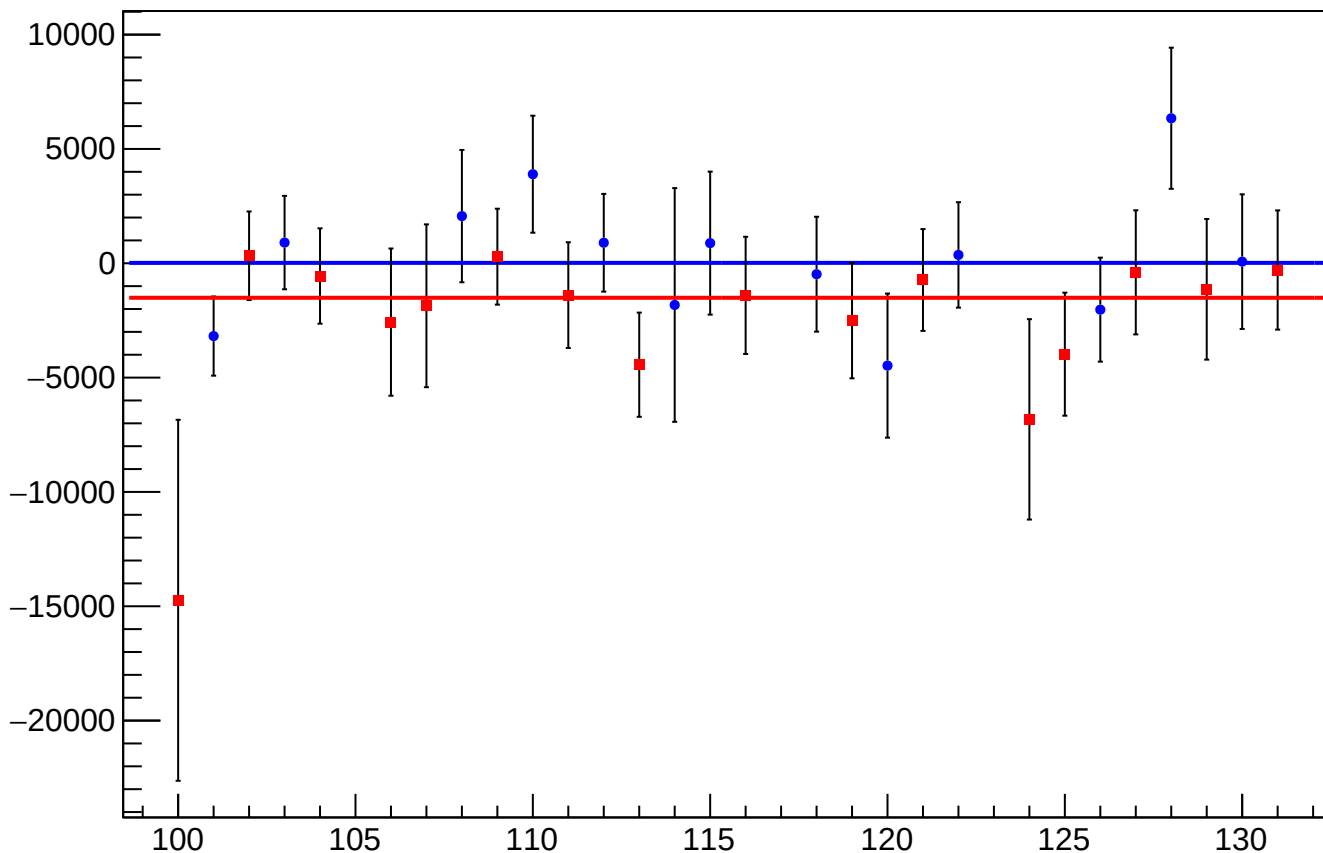
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.185+/-0.019 χ^2/NDF : 528339.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_cor_correction_mean vs Slug



Right In: 17.834+/-695.716 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1508.801+/-647.489 χ^2/NDF : 9.4/15

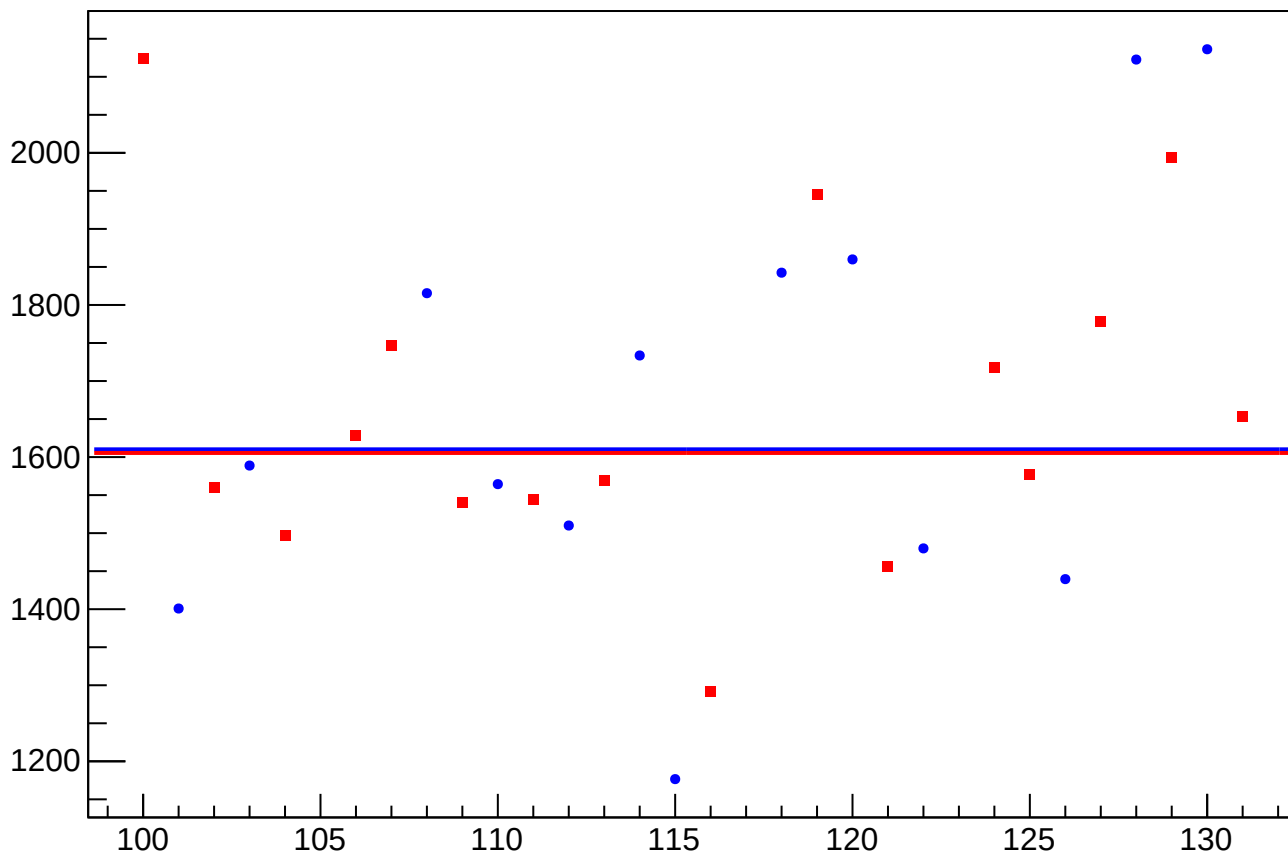
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -800.226+/-473.977 χ^2/NDF : 25.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_cor_correction_rms vs Slug



Right In: 1610.176 $\pm$ 0.492 χ^2 /NDF: 250452.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1605.434 $\pm$ 0.458 χ^2 /NDF: 139607.6/15

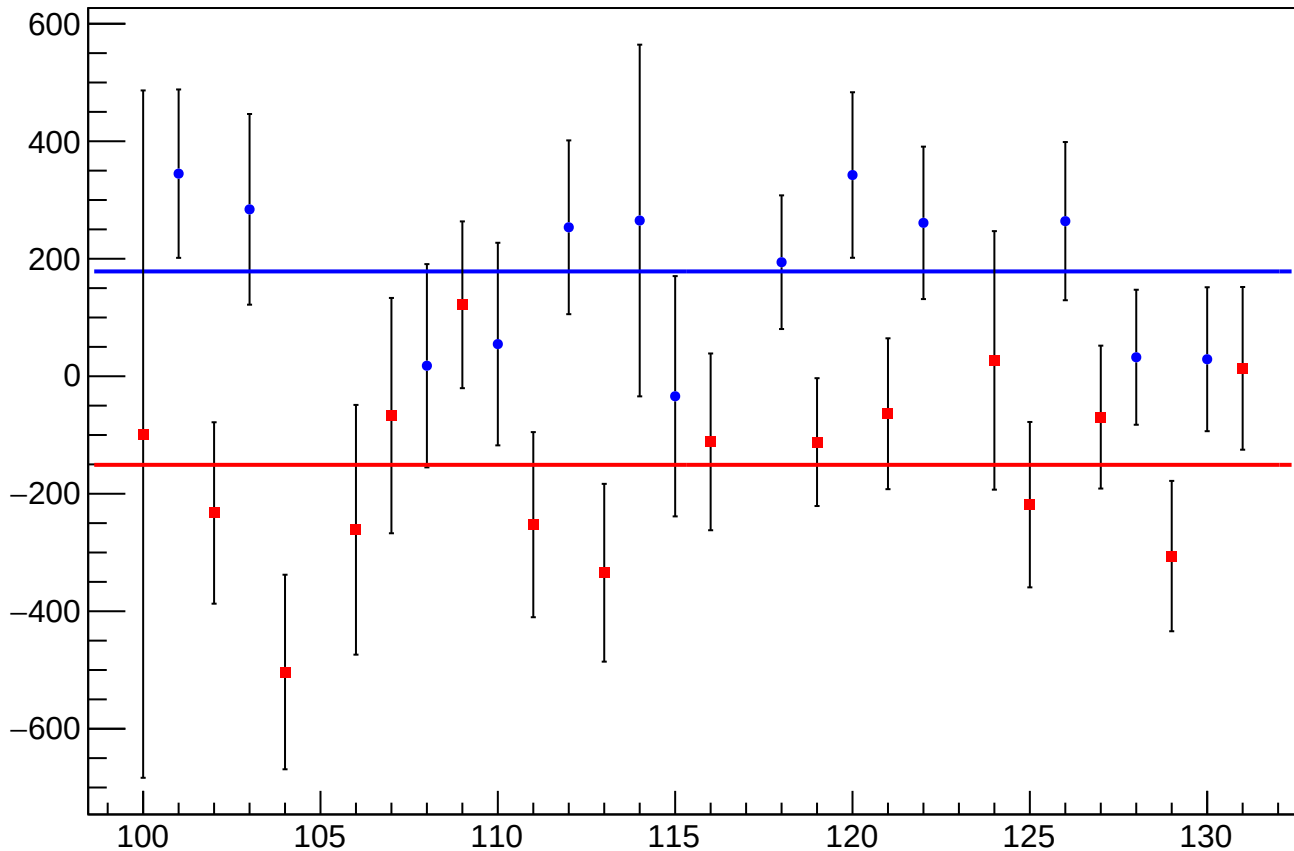
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1607.635 $\pm$ 0.335 χ^2 /NDF: 390110.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_24_68_dd_mean vs Slug



Right In: 178.436 $\pm$ 40.190 χ^2 /NDF: 9.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -150.788 $\pm$ 37.708 χ^2 /NDF: 15.7/15

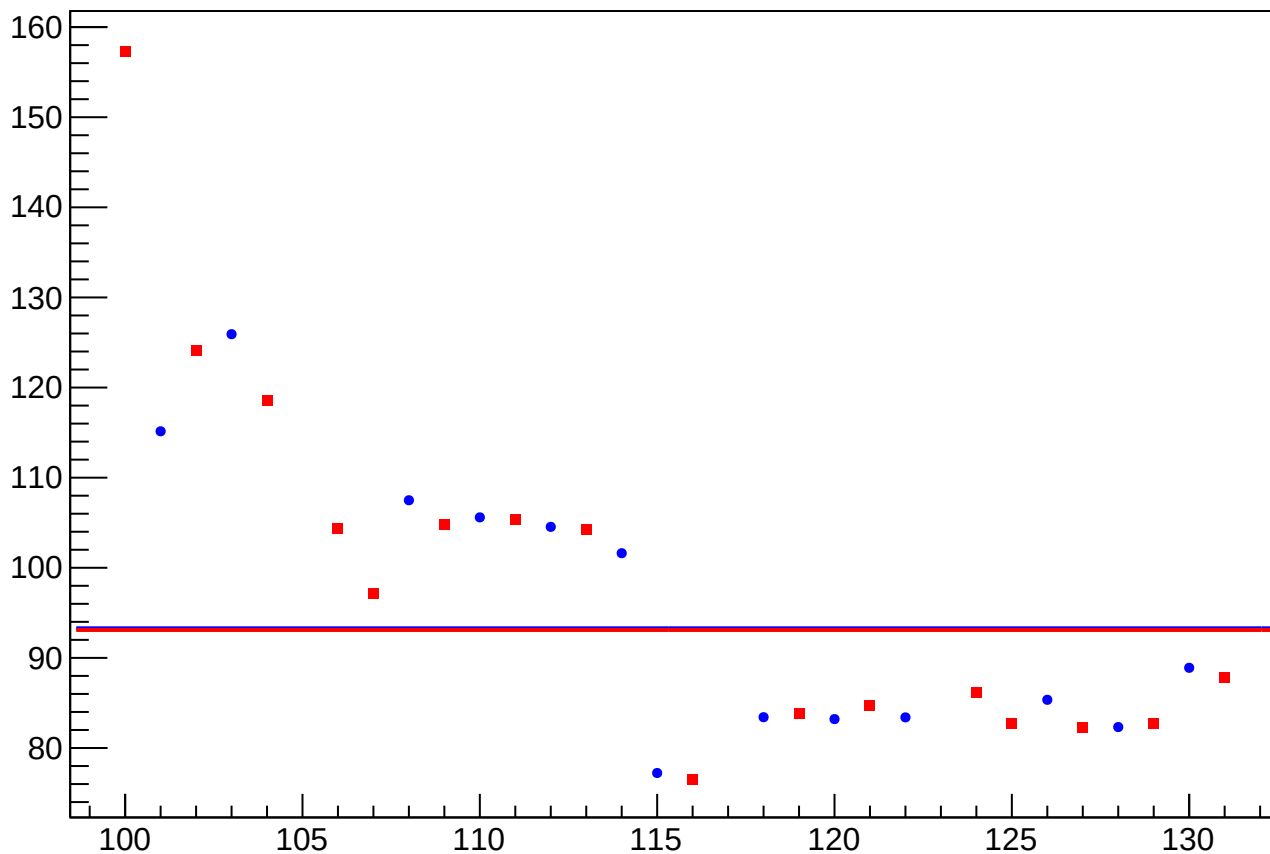
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.346 $\pm$ 27.499 χ^2 /NDF: 61.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_24_68_dd_rms vs Slug



Right In: 93.283+/-0.028 χ^2/NDF : 241173.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.098+/-0.027 χ^2/NDF : 287143.8/15

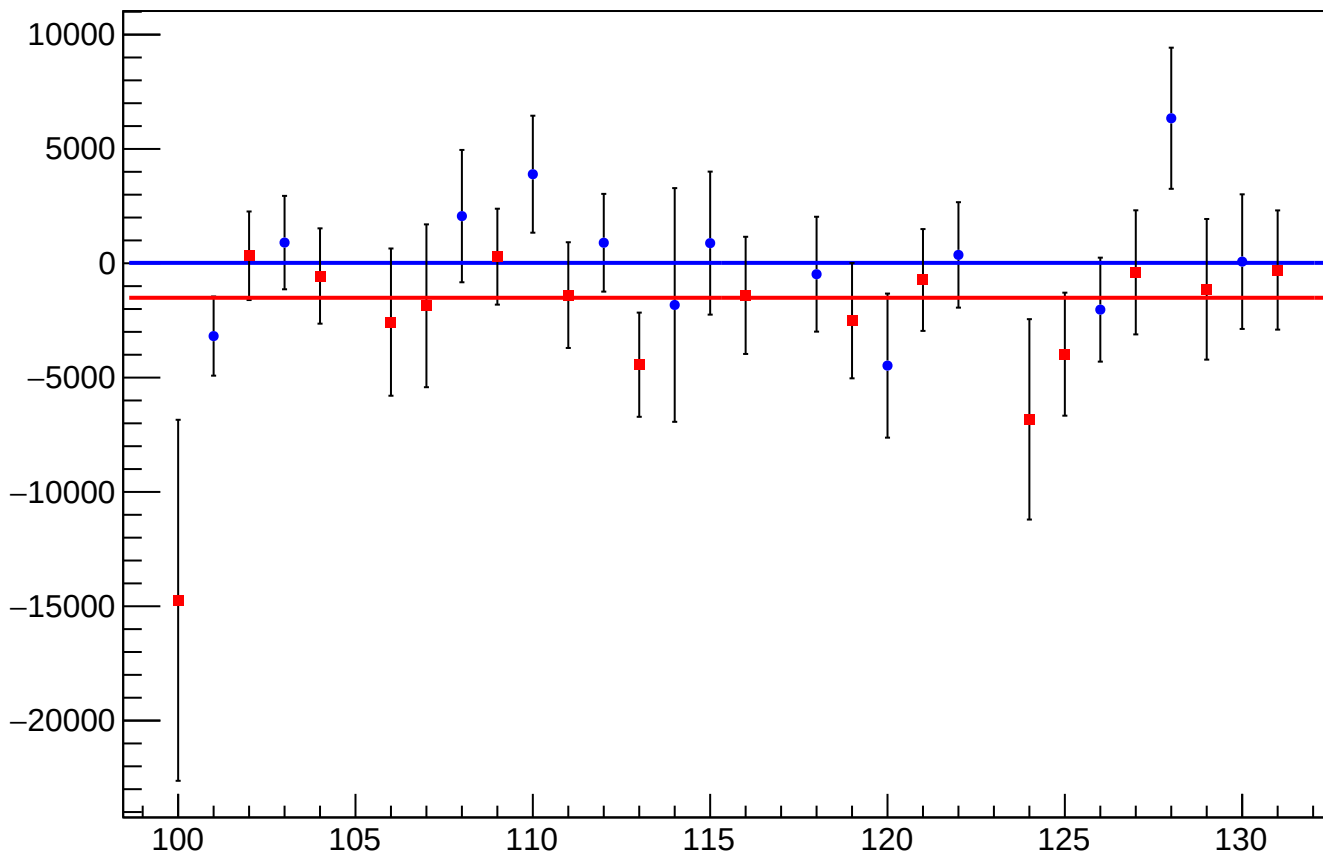
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.185+/-0.019 χ^2/NDF : 528339.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_eigen_cor_correction_mean vs Slug



Right In: 17.834+/-695.716 χ^2/NDF : 13.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1508.801+/-647.489 χ^2/NDF : 9.4/15

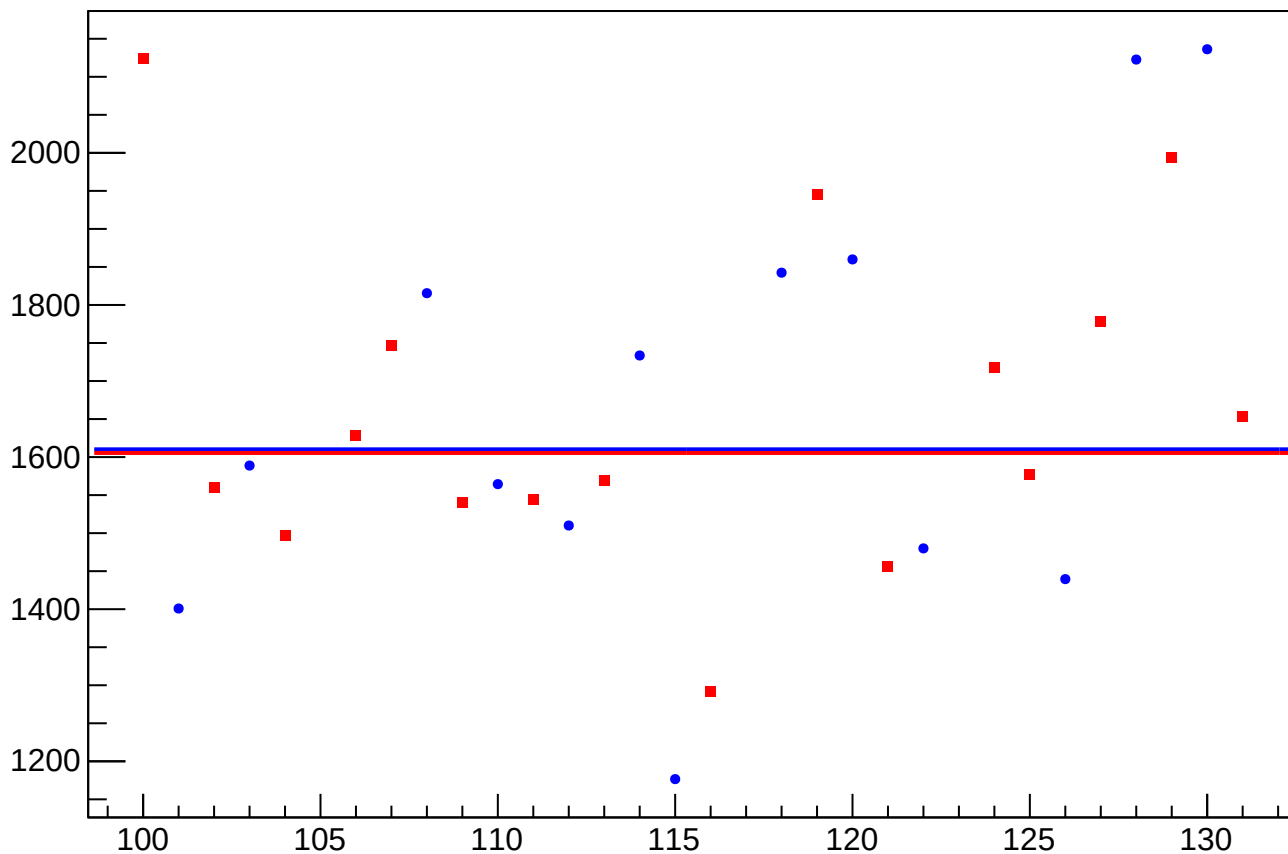
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -800.226+/-473.977 χ^2/NDF : 25.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_eigen_cor_correction_rms vs Slug



Right In: 1610.176+/-0.492 χ^2/NDF : 250452.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1605.434+/-0.458 χ^2/NDF : 139607.6/15

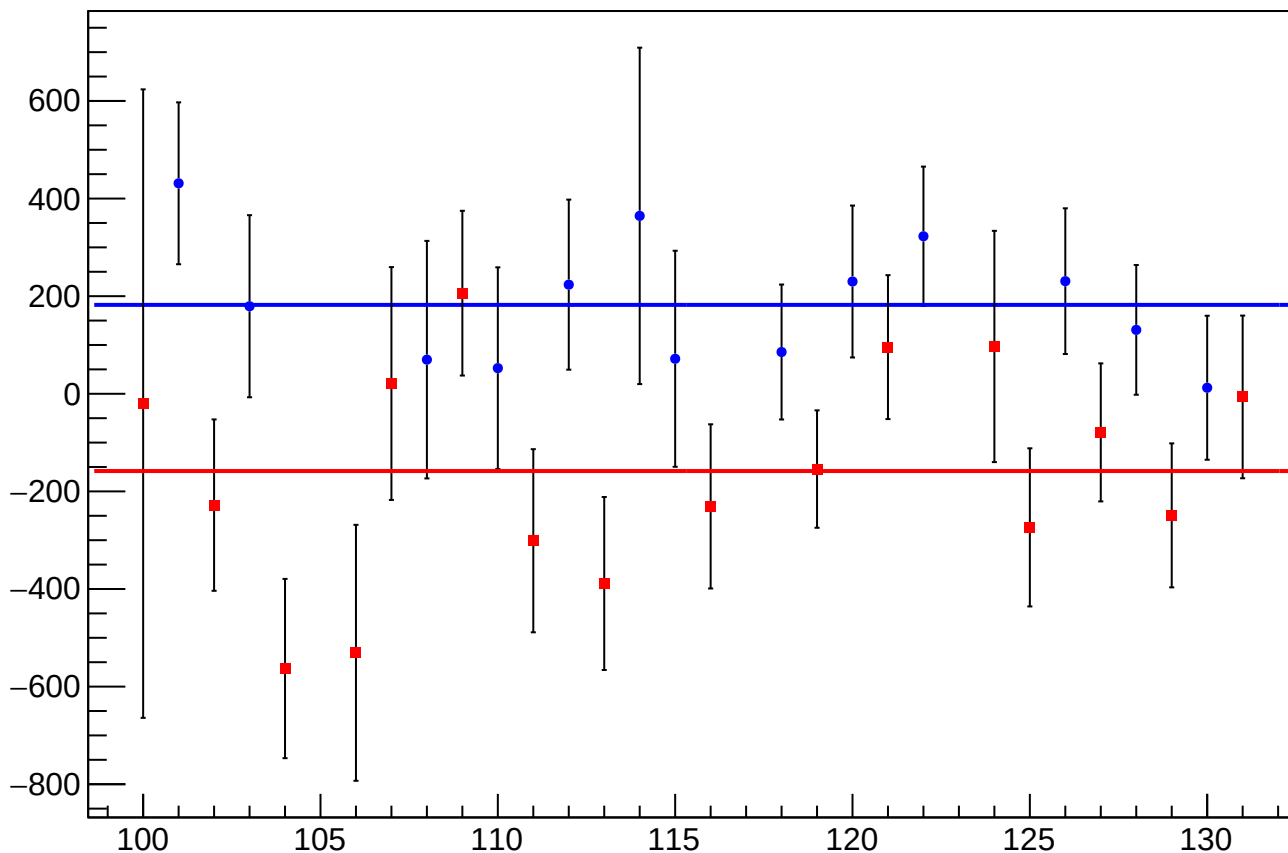
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1607.635+/-0.335 χ^2/NDF : 390110.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_24_68_dd_mean vs Slug



Right In: 182.172 $\pm$ 46.765 χ^2 /NDF: 6.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -158.275 $\pm$ 43.425 χ^2 /NDF: 20.9/15

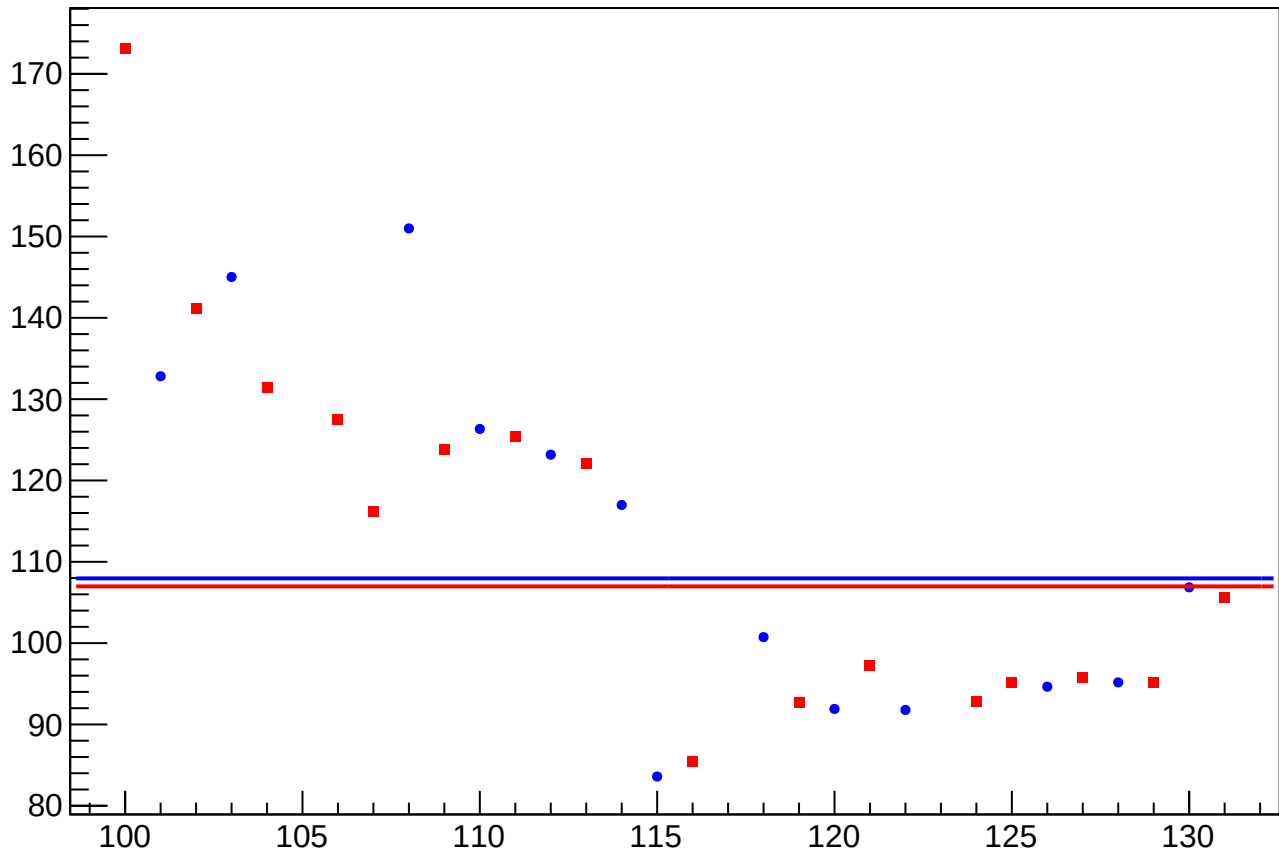
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.641 $\pm$ 31.822 χ^2 /NDF: 56.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_24_68_dd_rms vs Slug



Right In: 107.961 $\pm$ 0.033 χ^2 /NDF: 330051.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 106.976 $\pm$ 0.031 χ^2 /NDF: 314295.4/15

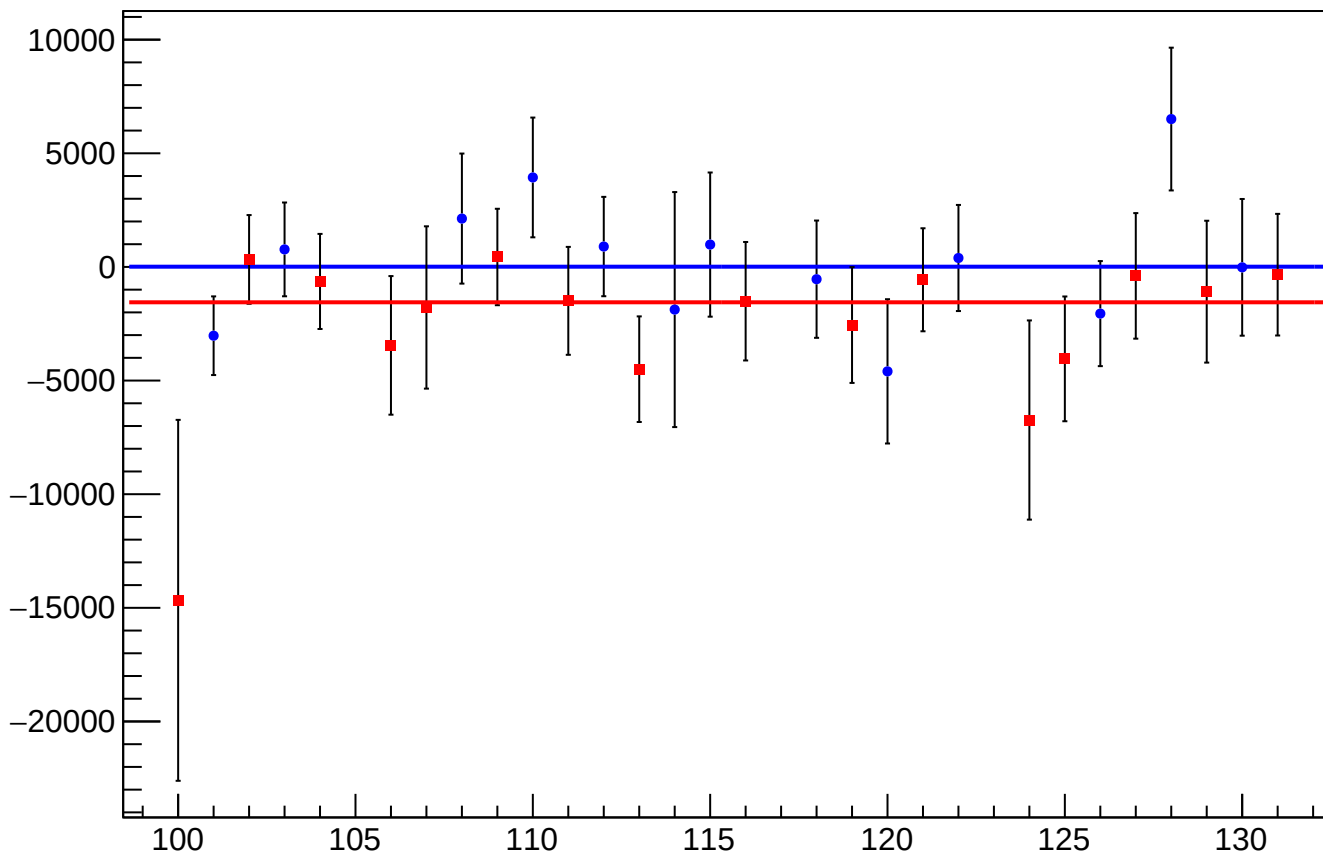
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 107.432 $\pm$ 0.023 χ^2 /NDF: 644822.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_dit_correction_mean vs Slug



Right In: 10.540+/-704.795 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1556.114+/-654.890 χ^2/NDF : 9.7/15

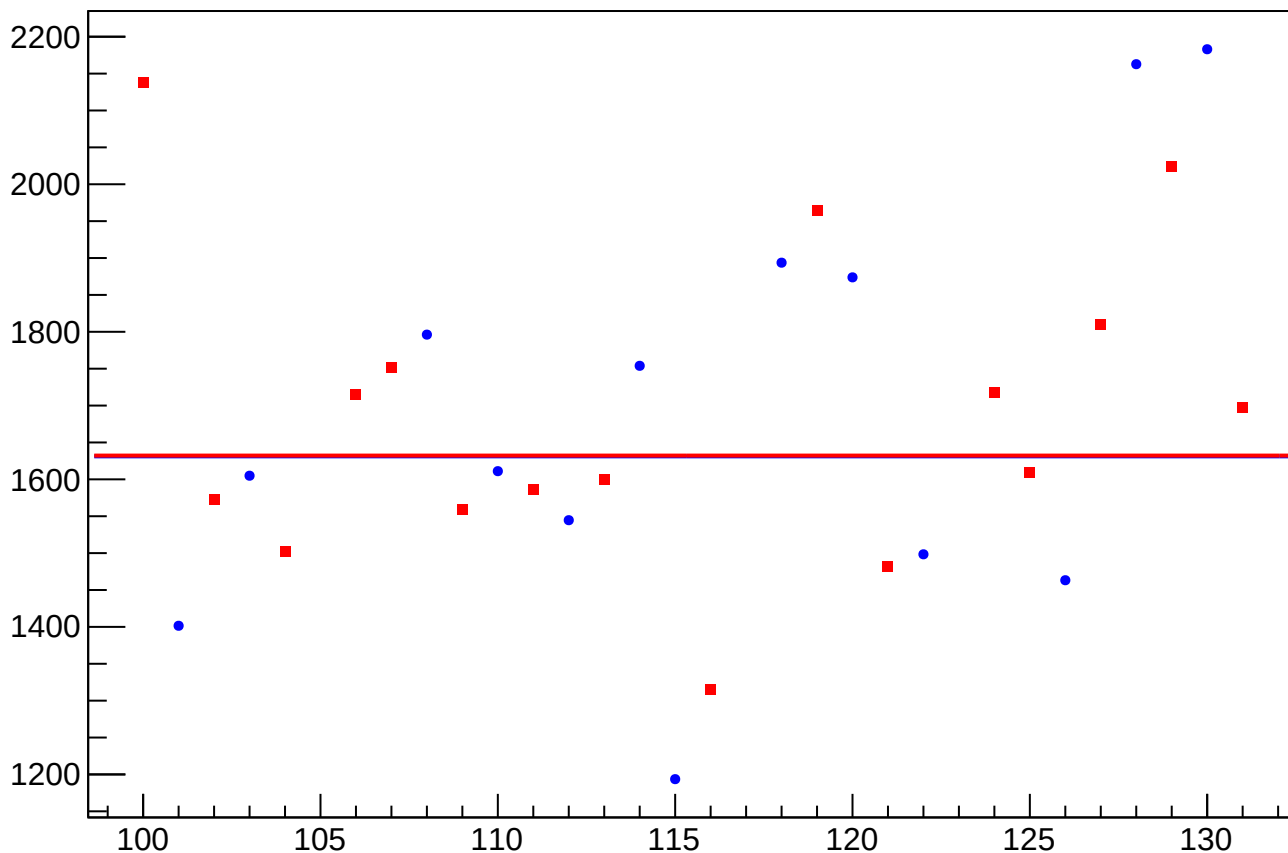
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -830.211+/-479.750 χ^2/NDF : 26.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_dit_correction_rms vs Slug



Right In: 1631.172+/-0.498 χ^2/NDF : 258664.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1632.210+/-0.463 χ^2/NDF : 139031.0/15

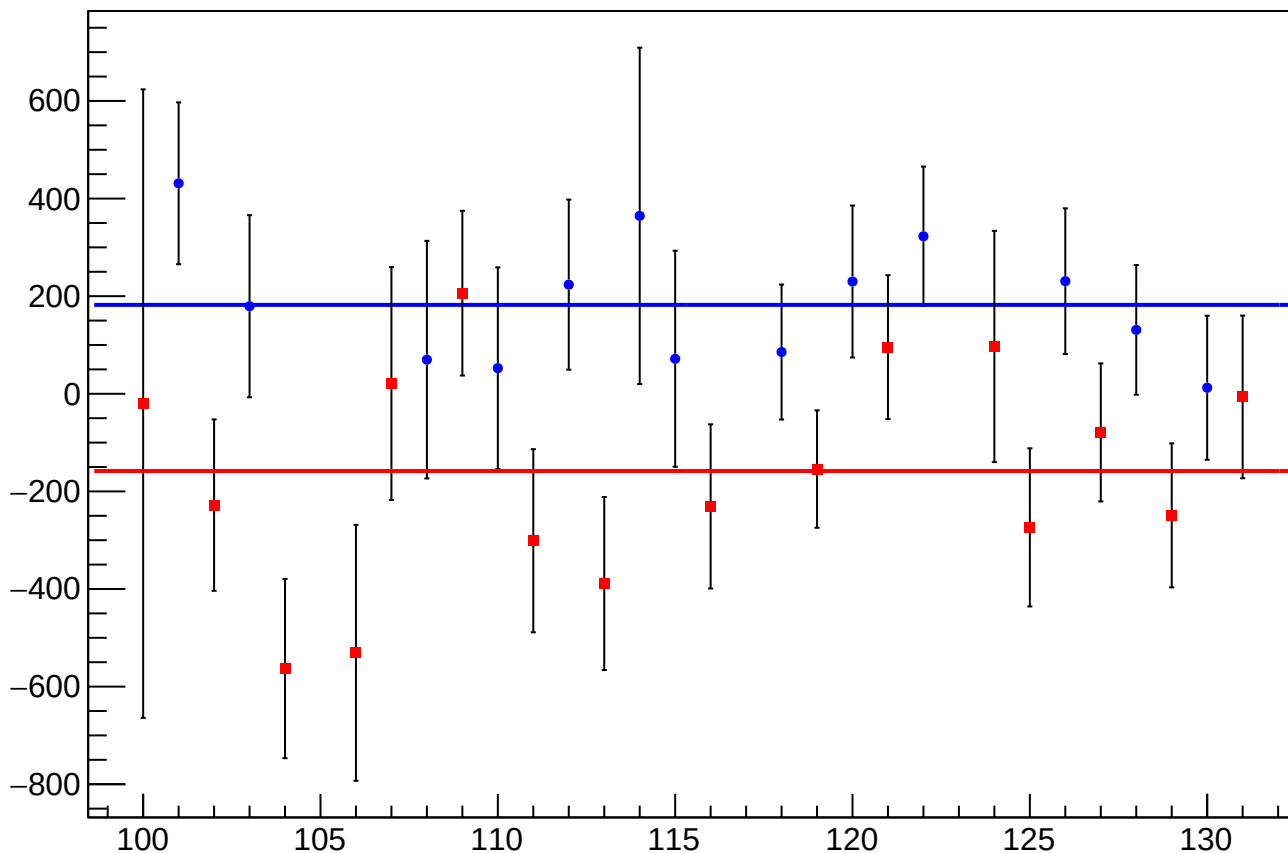
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1631.729+/-0.339 χ^2/NDF : 397697.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_24_68_dd_mean vs Slug



Right In: 182.171 $\pm$ 46.765 χ^2 /NDF: 6.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -158.272 $\pm$ 43.425 χ^2 /NDF: 20.9/15

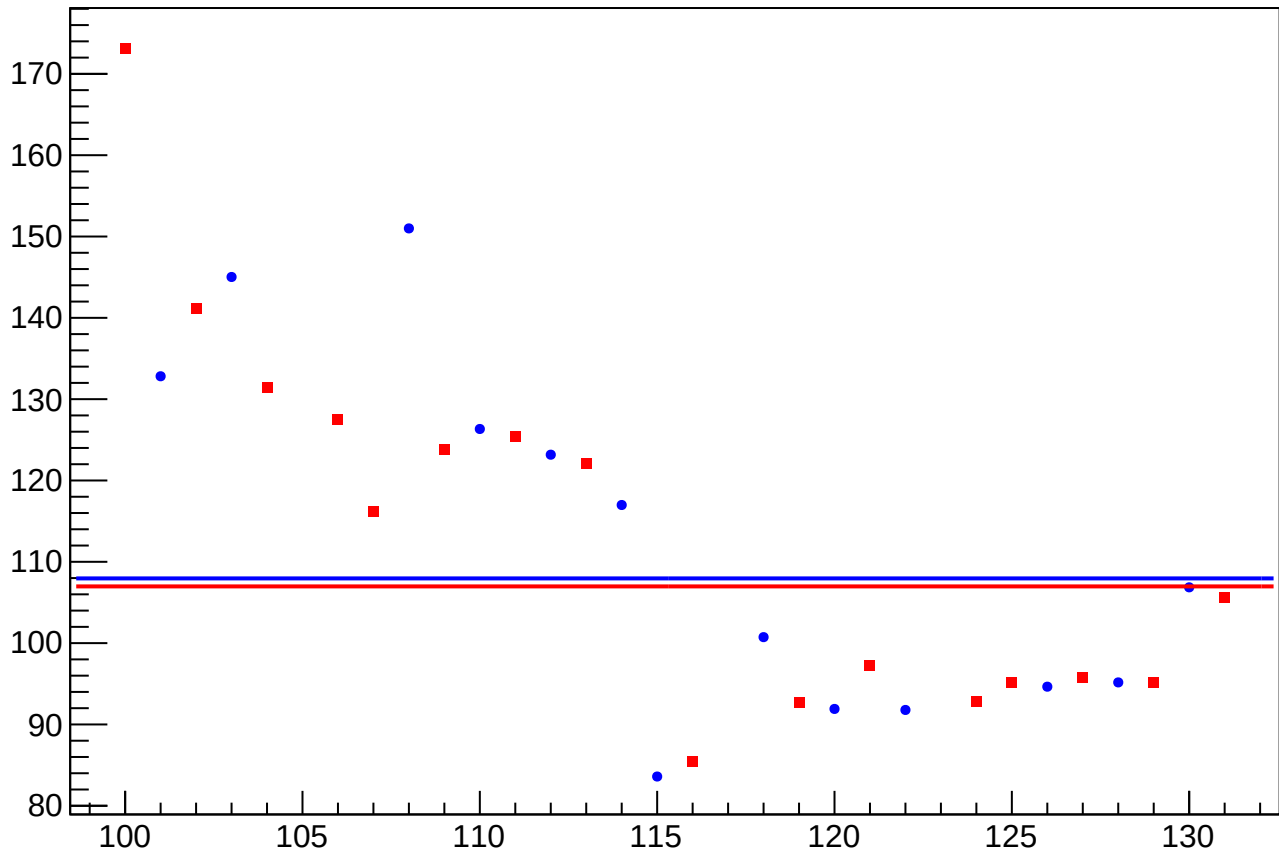
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.640 $\pm$ 31.821 χ^2 /NDF: 56.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_24_68_dd_rms vs Slug



Right In: 107.959+/-0.033 χ^2/NDF : 330054.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.975+/-0.031 χ^2/NDF : 314296.1/15

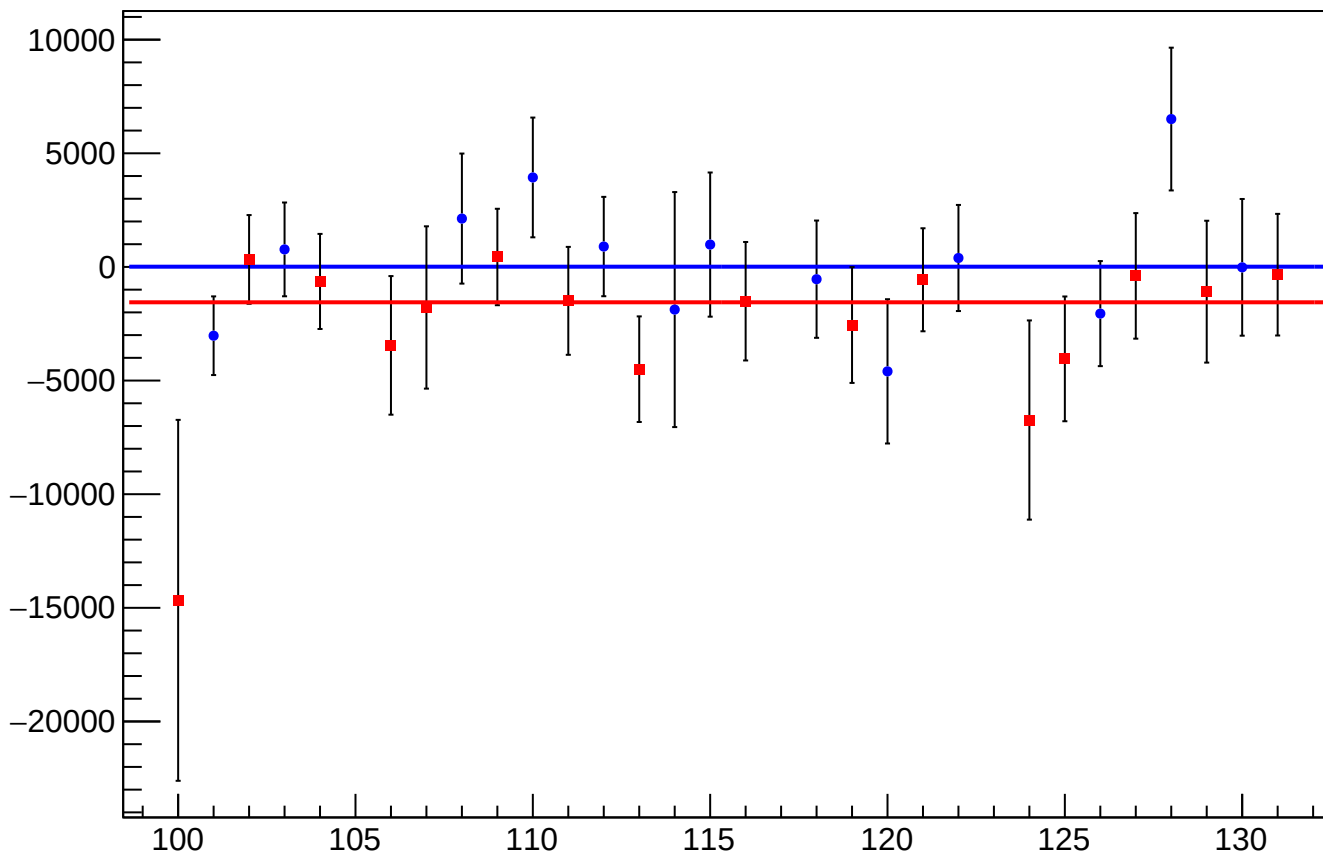
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.431+/-0.023 χ^2/NDF : 644826.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_eigen_dit_correction_mean vs Slug



Right In: 10.543+/-704.794 χ^2 /NDF: 13.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1556.111+/-654.888 χ^2 /NDF: 9.7/15

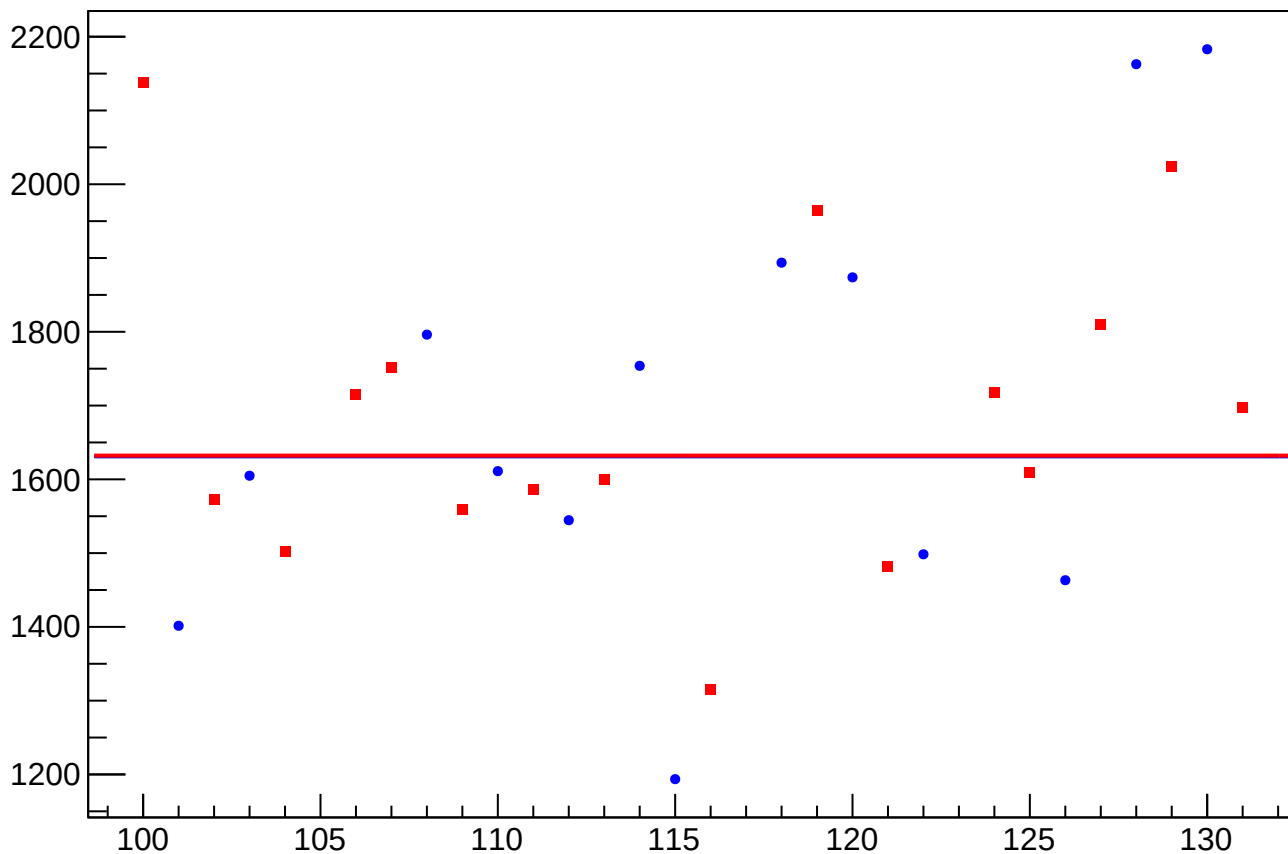
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -830.209+/-479.750 χ^2 /NDF: 26.0/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_dit_correction_rms vs Slug



Right In: 1631.169+/-0.498 χ^2/NDF : 258662.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1632.206+/-0.463 χ^2/NDF : 139031.0/15

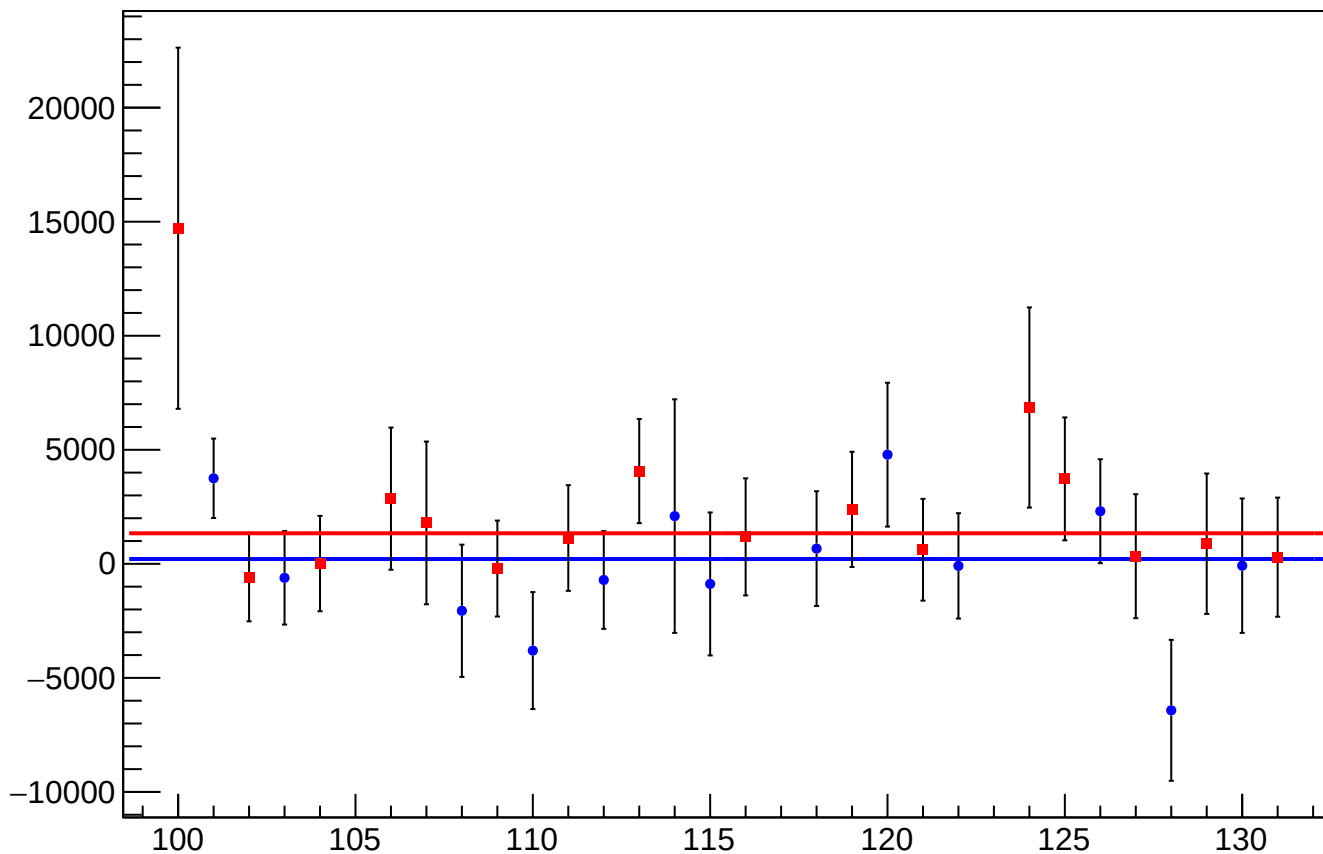
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1631.726+/-0.339 χ^2/NDF : 397695.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_mean vs Slug



Right In: 212.435+/-697.478 χ^2/NDF : 15.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1339.963+/-647.859 χ^2/NDF : 9.4/15

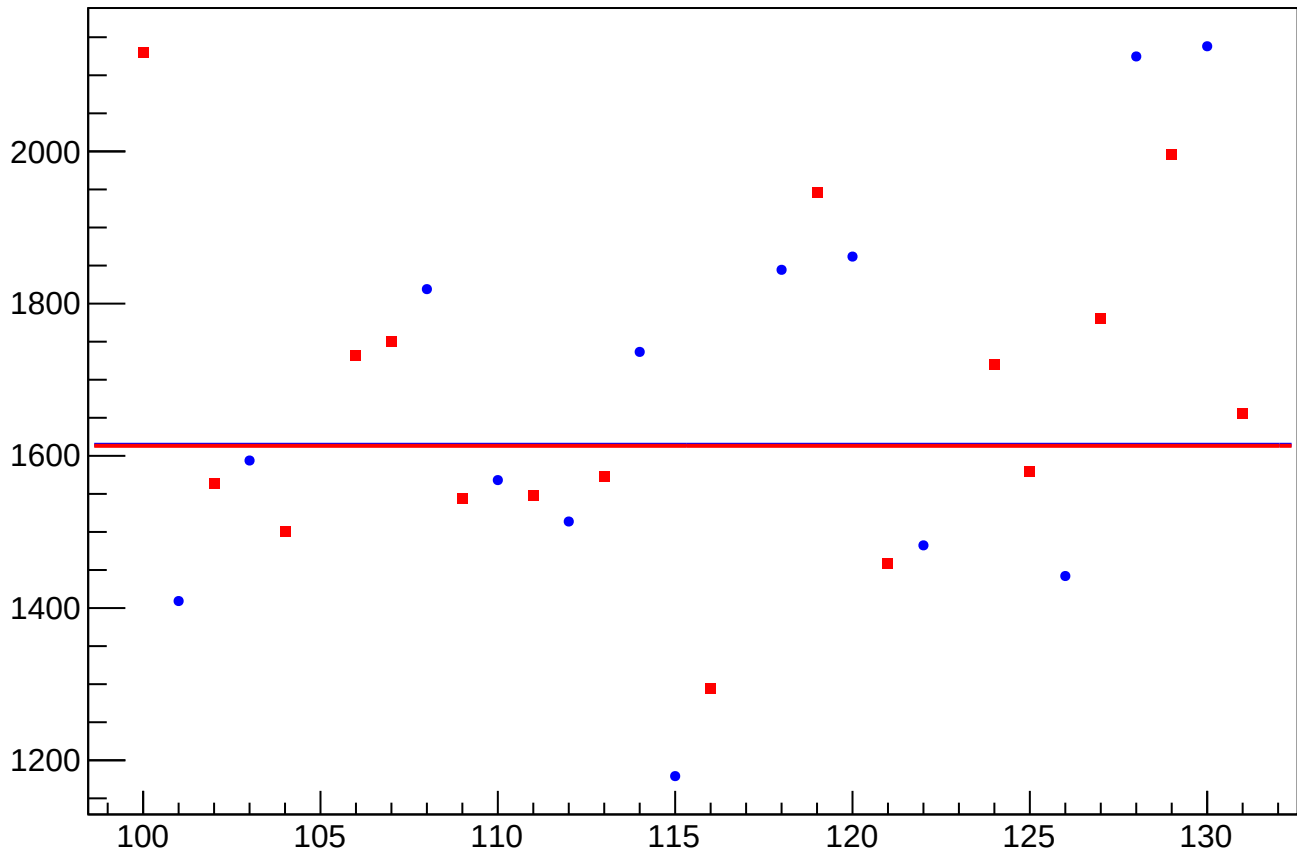
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 817.728+/-474.679 χ^2/NDF : 26.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_rms vs Slug



Right In: 1614.527 $\pm$ 0.493 χ^2 /NDF: 247464.5/12

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

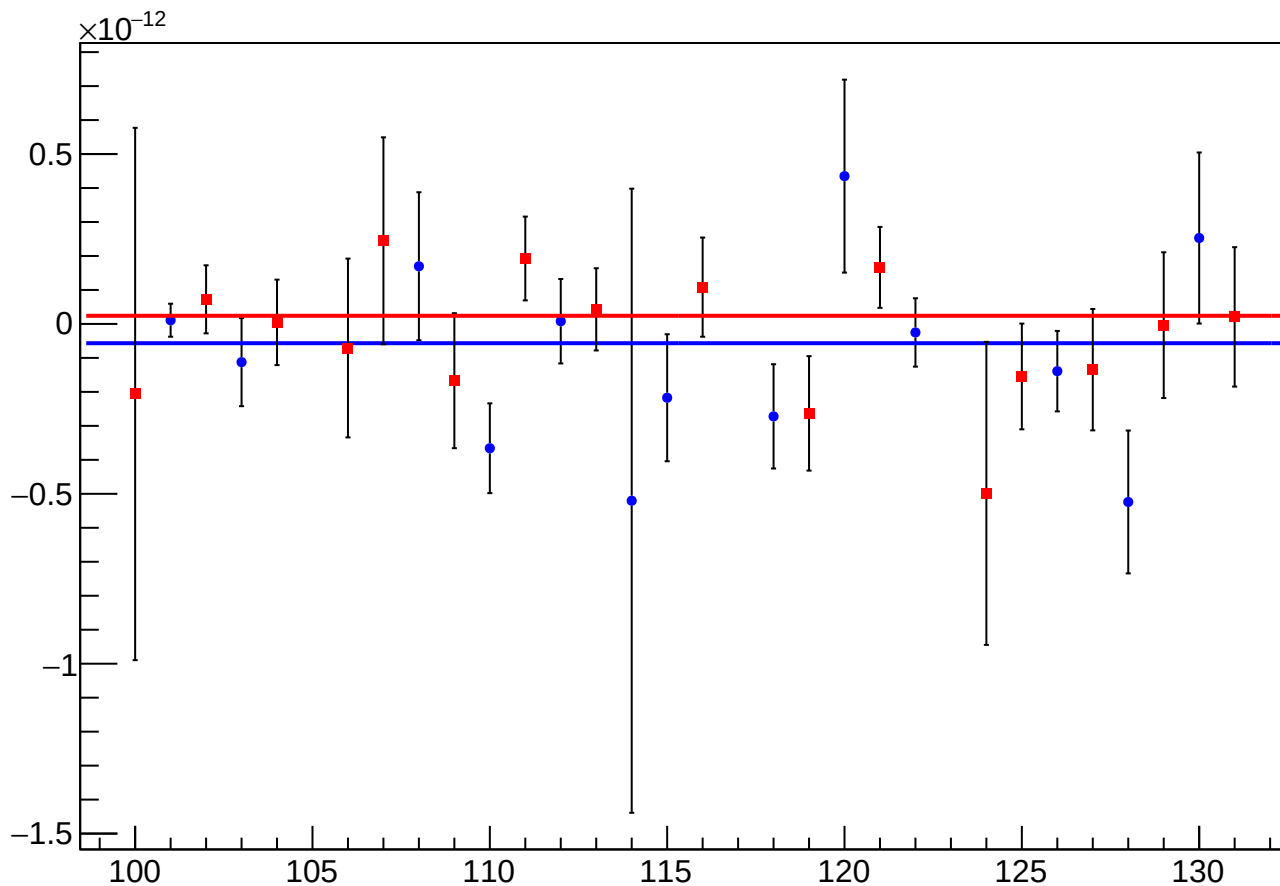
Right Out: 1613.177 $\pm$ 0.458 χ^2 /NDF: 141513.7/15

All: 1613.802 $\pm$ 0.336 χ^2 /NDF: 388982.2/28

- 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_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 21.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.0/15

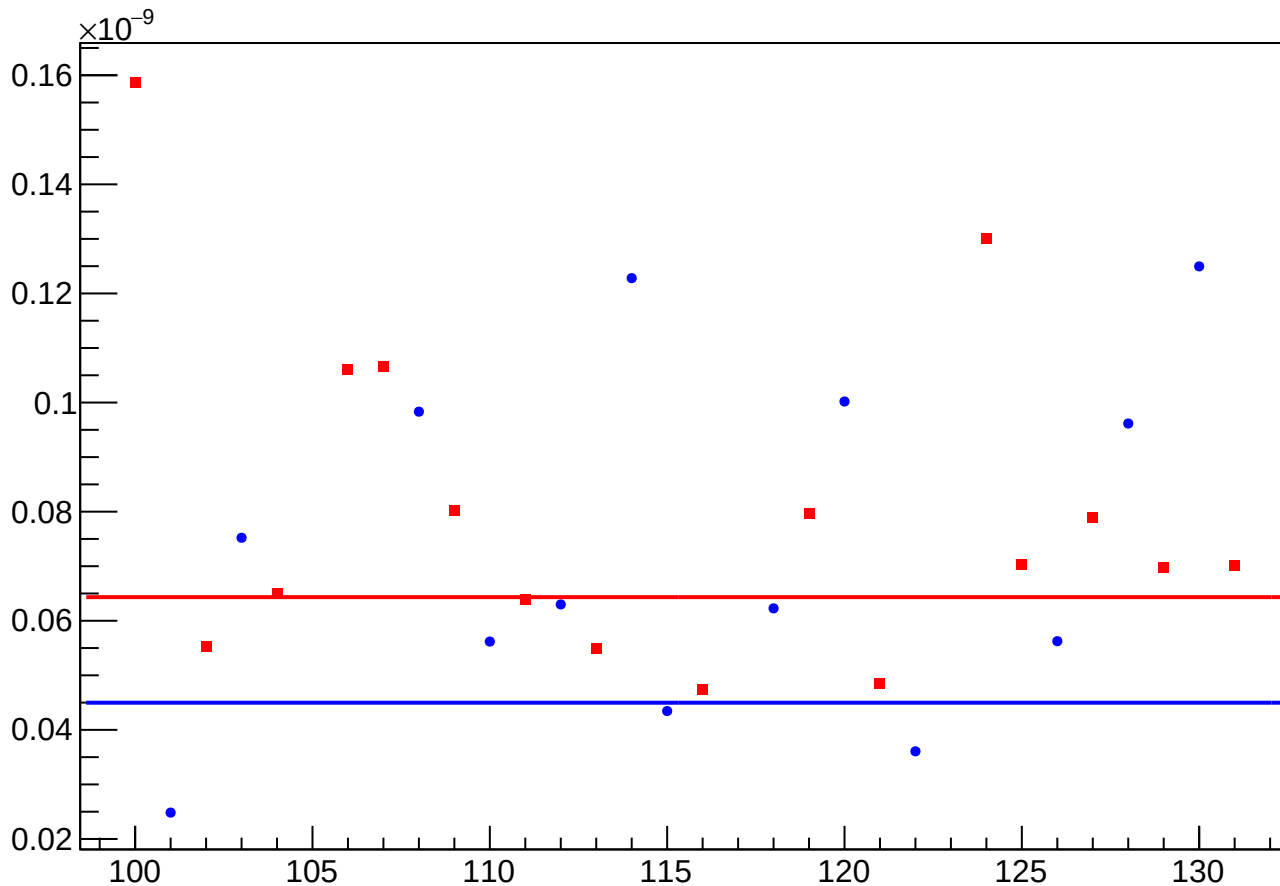
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 36.4/28

- 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+/-0.000 χ^2/NDF : 1099288.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 300102.8/15

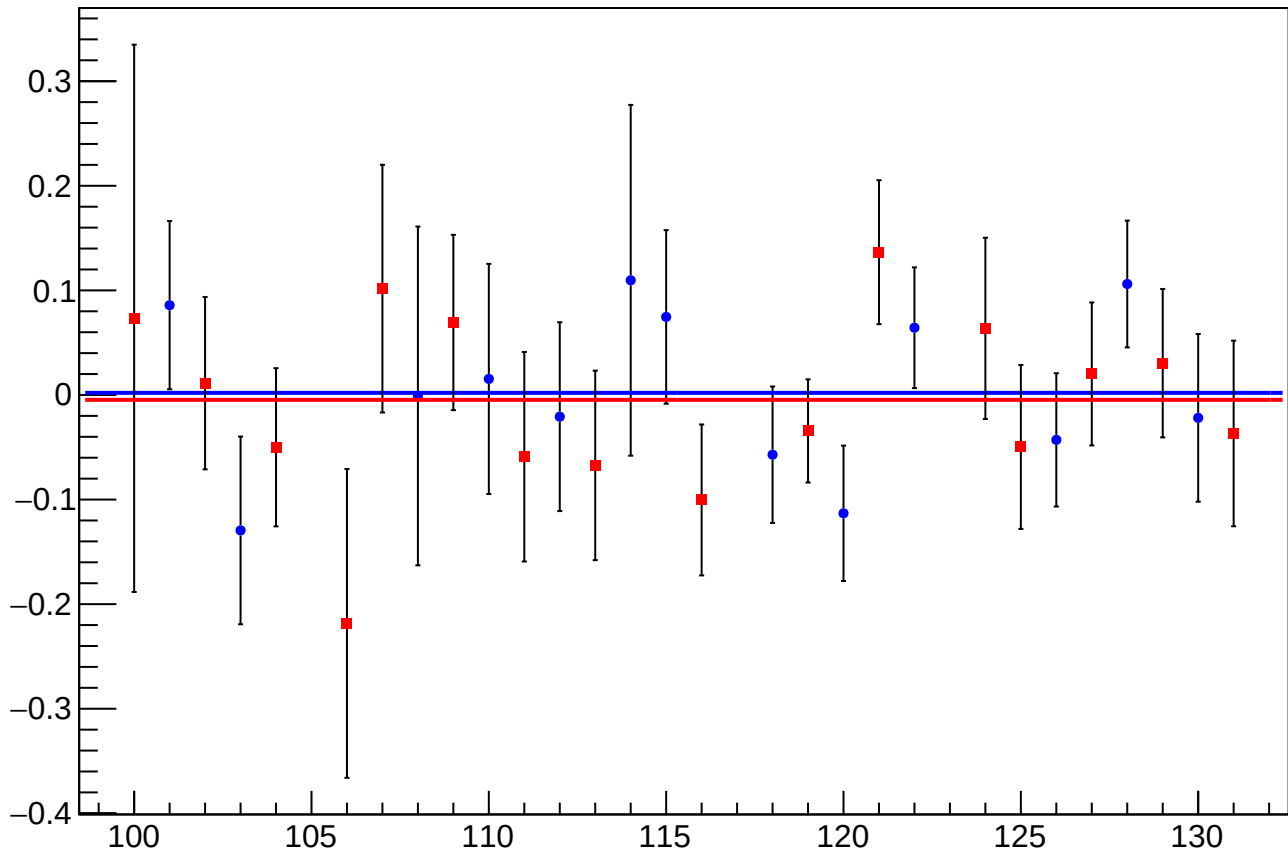
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1678176.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.022 χ^2 /NDF: 13.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 0.020 χ^2 /NDF: 12.7/15

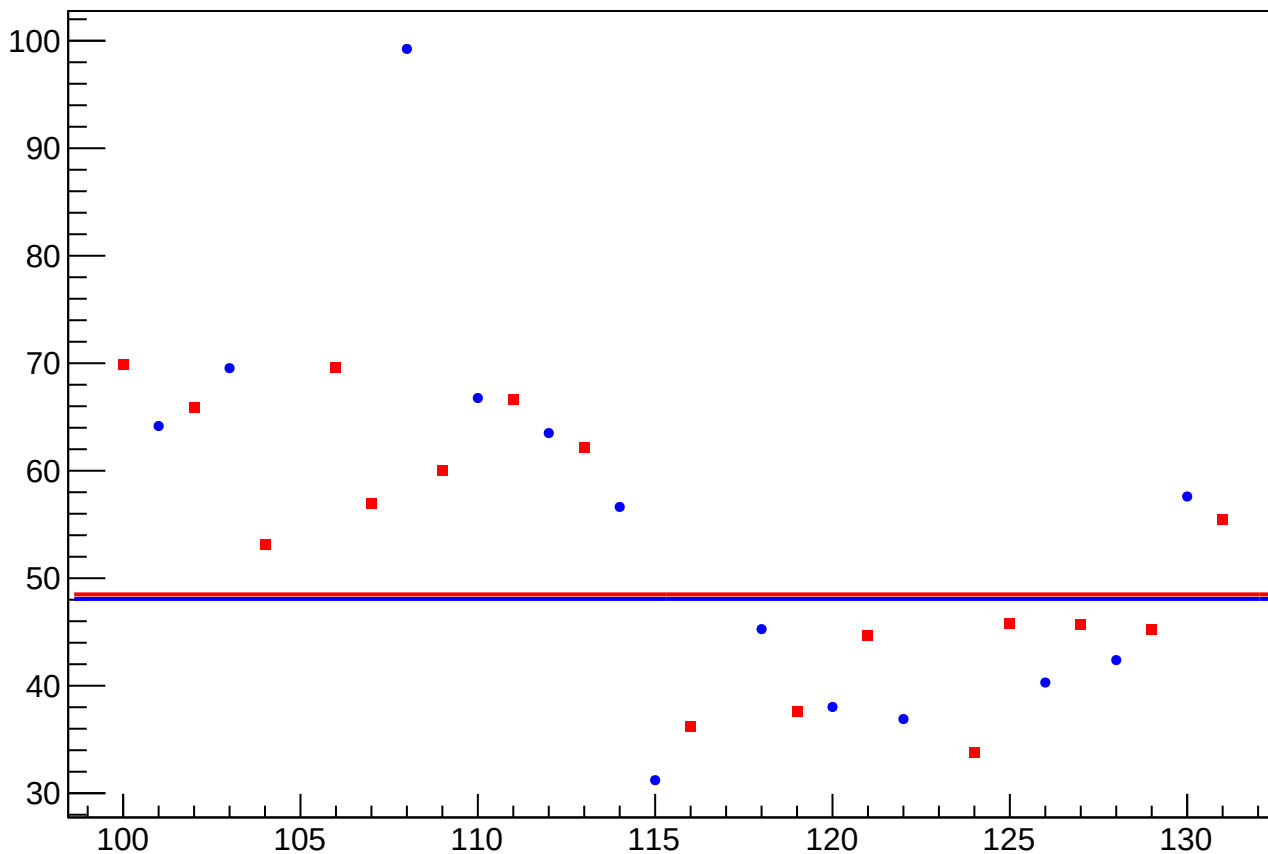
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.002 $\pm$ 0.015 χ^2 /NDF: 26.0/28

- 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: 48.075 $\pm$ 0.015 χ^2 /NDF: 800678.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 48.499 $\pm$ 0.014 χ^2 /NDF: 551424.8/15

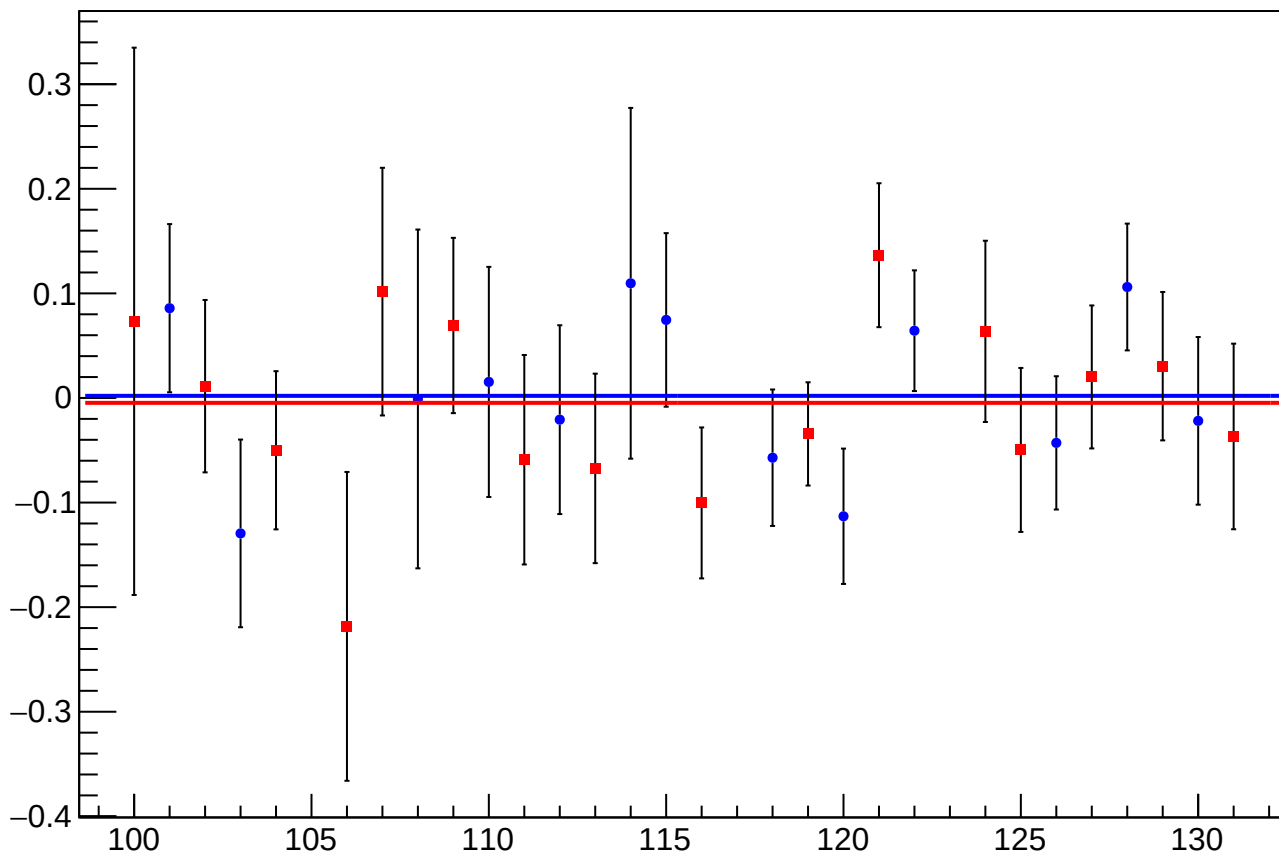
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 48.301 $\pm$ 0.010 χ^2 /NDF: 1352515.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.022 χ^2 /NDF: 13.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.005 $\pm$ 0.020 χ^2 /NDF: 12.7/15

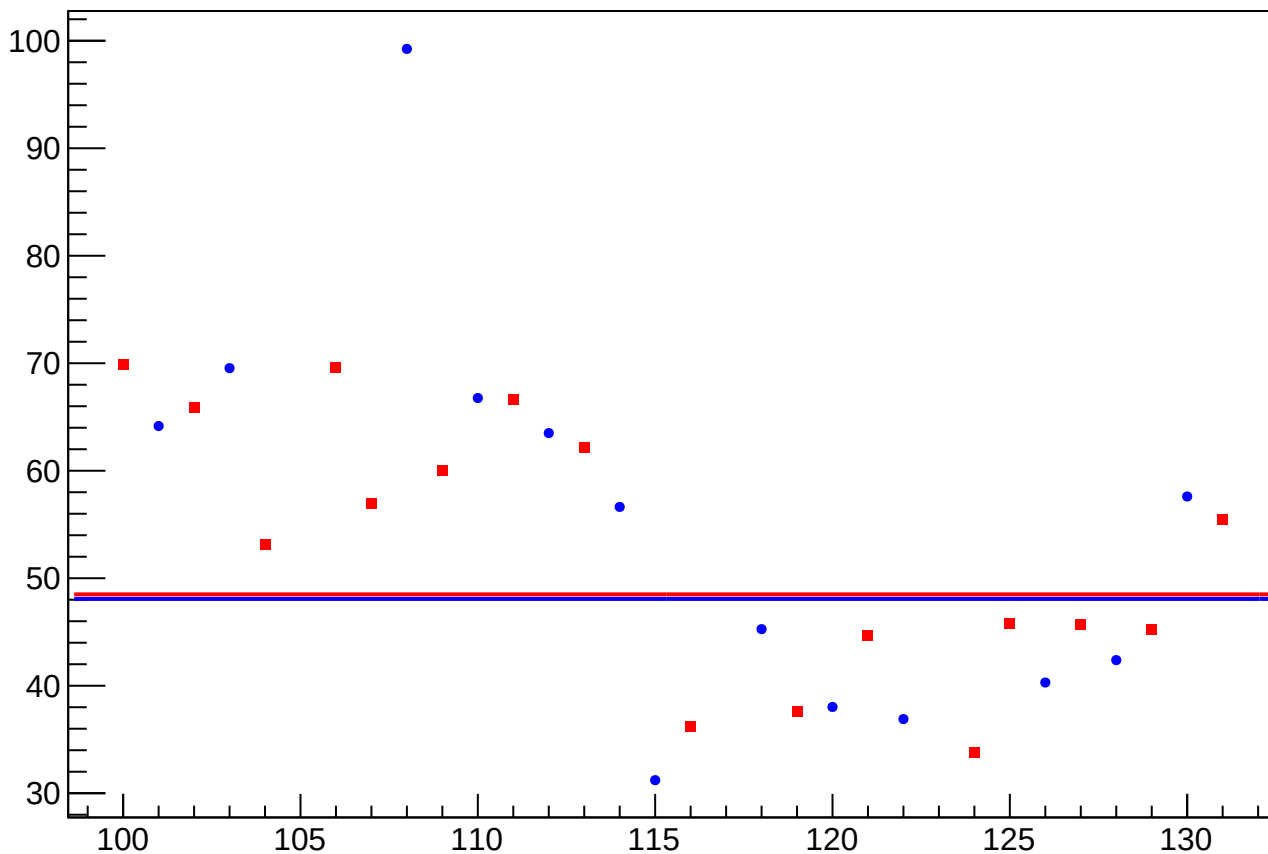
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.002 $\pm$ 0.015 χ^2 /NDF: 26.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 48.075+/-0.015 χ^2/NDF : 800678.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.499+/-0.014 χ^2/NDF : 551424.8/15

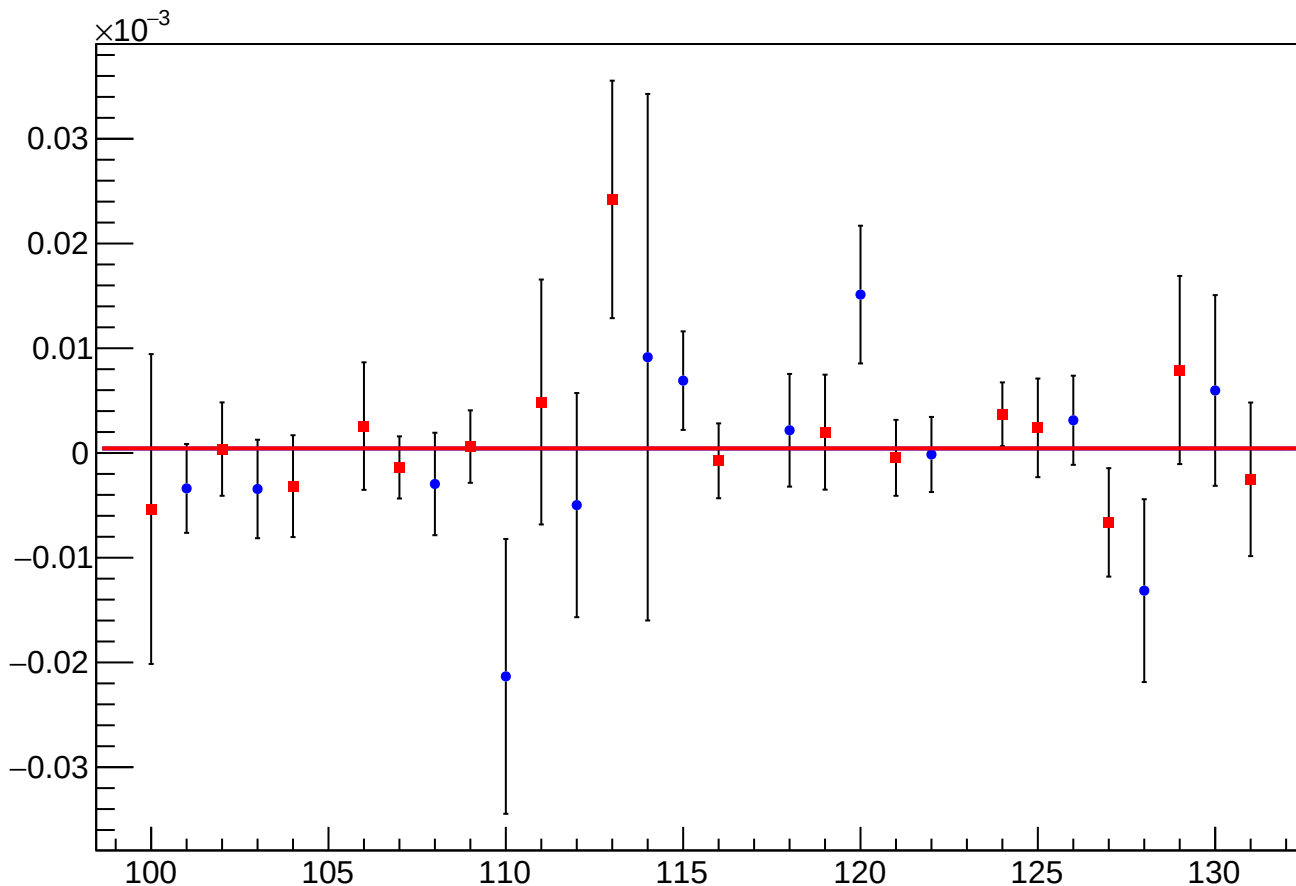
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.301+/-0.010 χ^2/NDF : 1352515.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.0/15

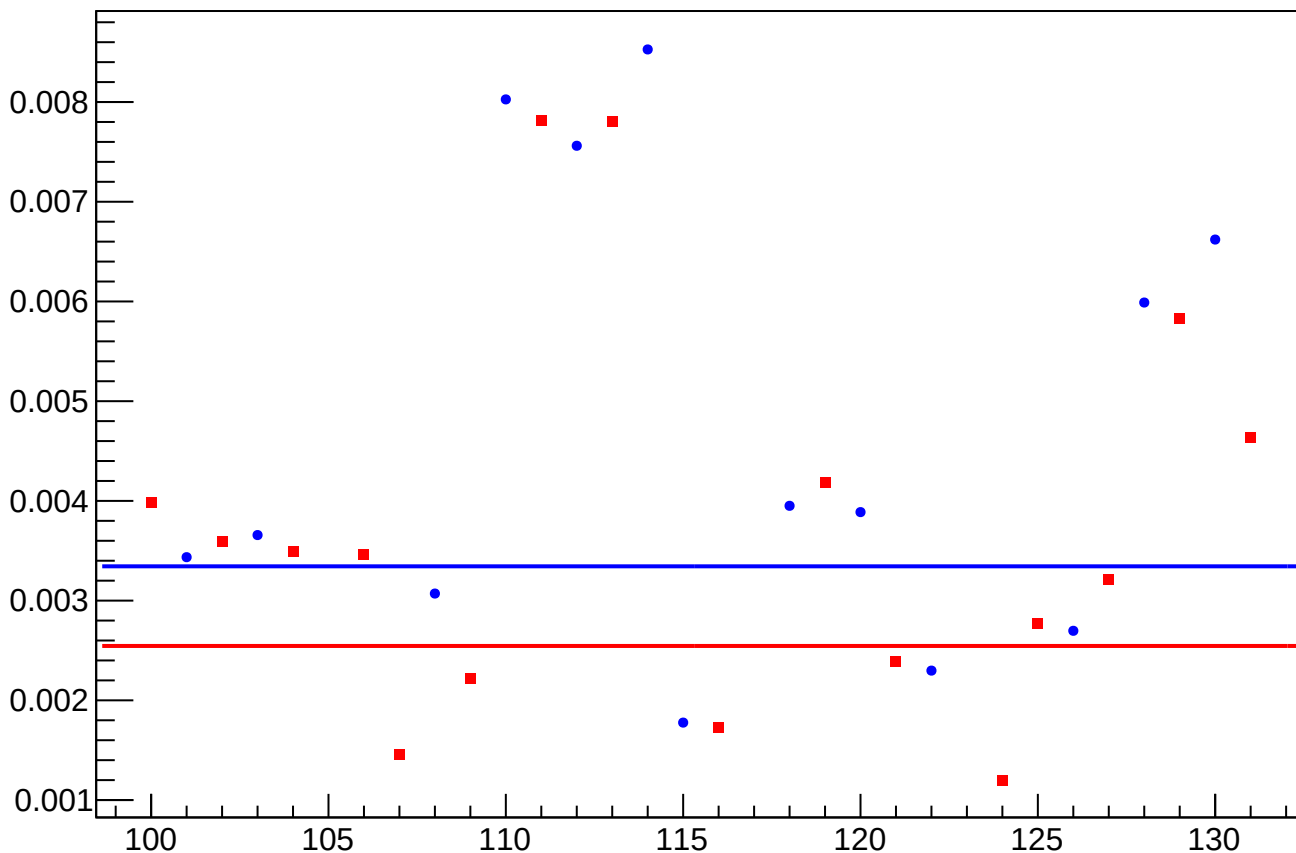
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 25.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 1586579.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2520263.4/15

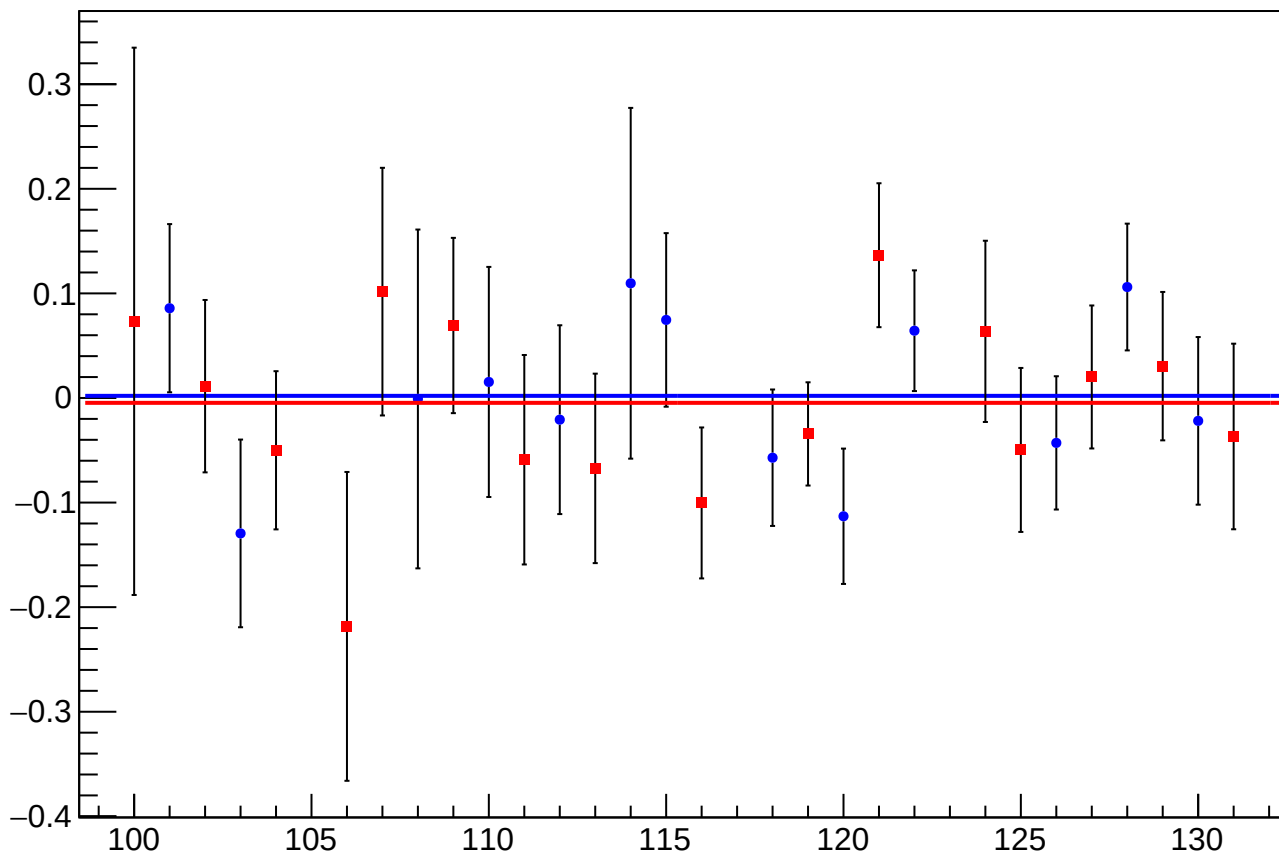
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4449317.3/28

- 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: 0.002 ± 0.022 χ^2/NDF : 13.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.005 ± 0.020 χ^2/NDF : 12.7/15

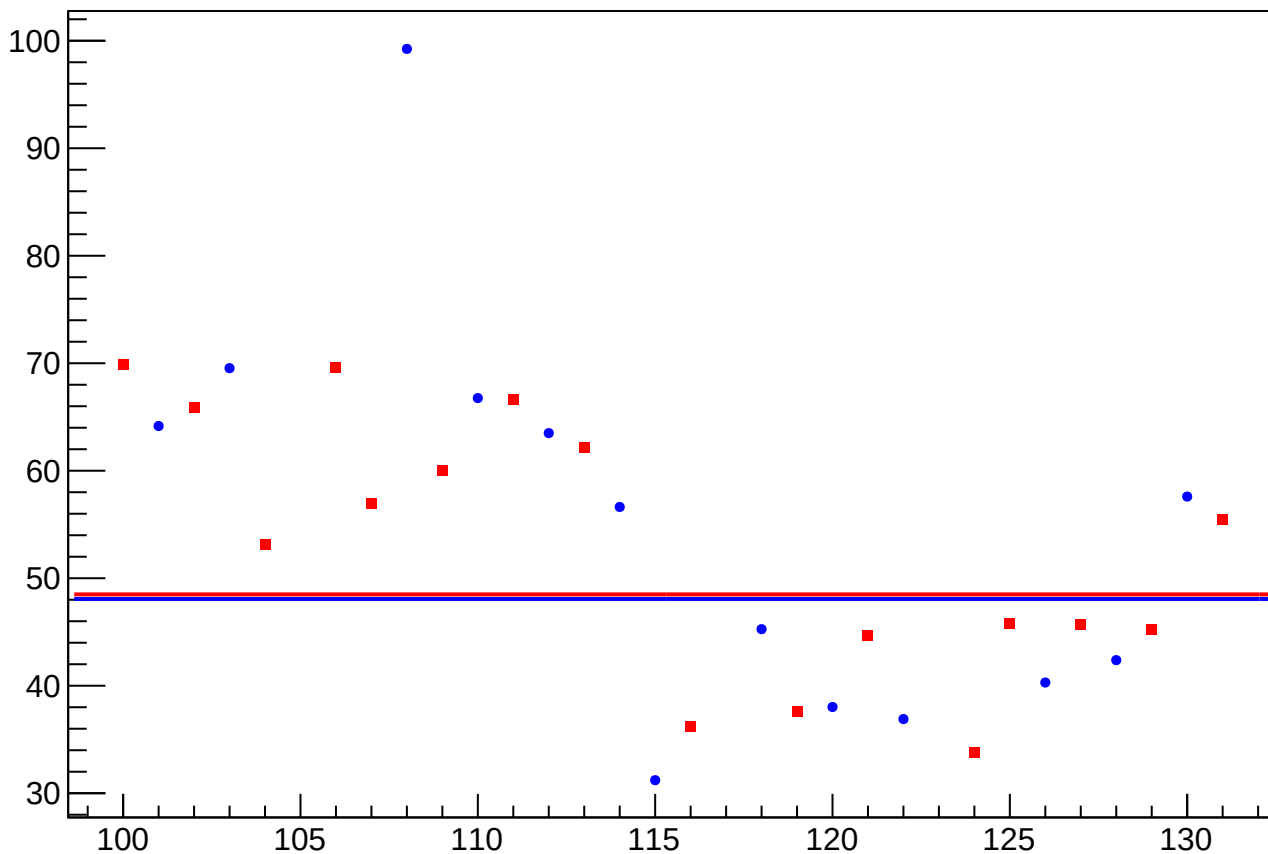
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.002 ± 0.015 χ^2/NDF : 26.0/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 48.073+/-0.015 χ^2/NDF : 800658.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.497+/-0.014 χ^2/NDF : 551420.8/15

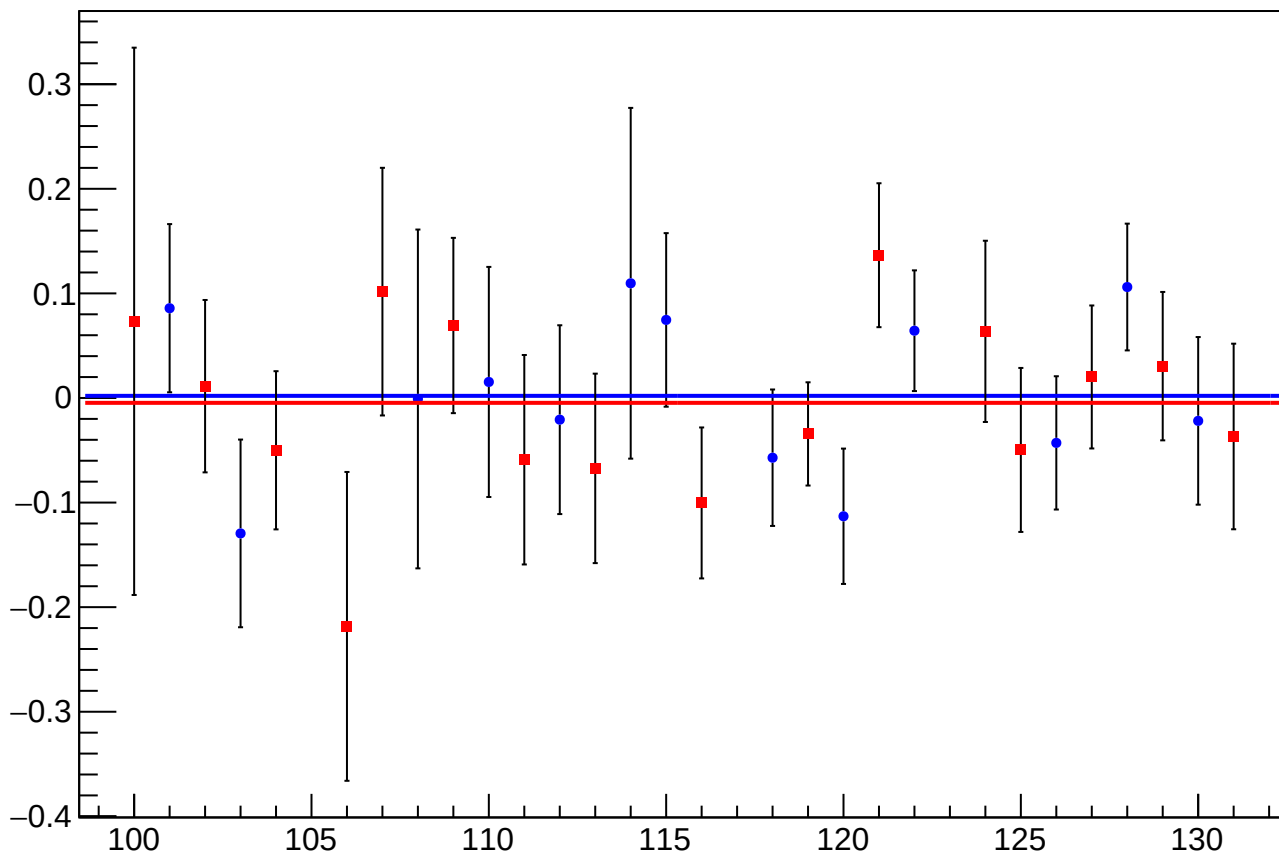
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.300+/-0.010 χ^2/NDF : 1352492.1/28

- 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: 0.002 $\pm$ 0.022 χ^2 /NDF: 13.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 0.020 χ^2 /NDF: 12.7/15

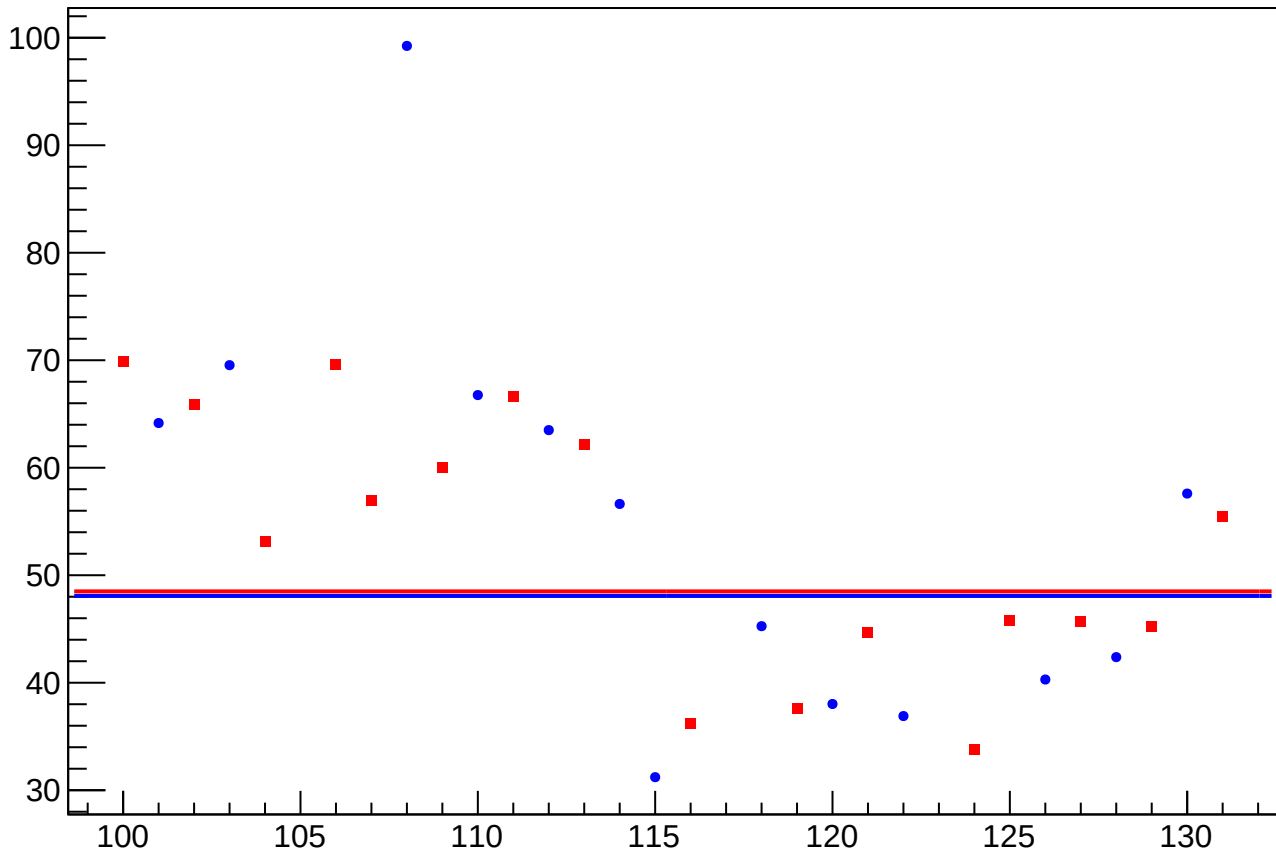
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.002 $\pm$ 0.015 χ^2 /NDF: 26.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 48.073+/-0.015 χ^2/NDF : 800658.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.497+/-0.014 χ^2/NDF : 551420.8/15

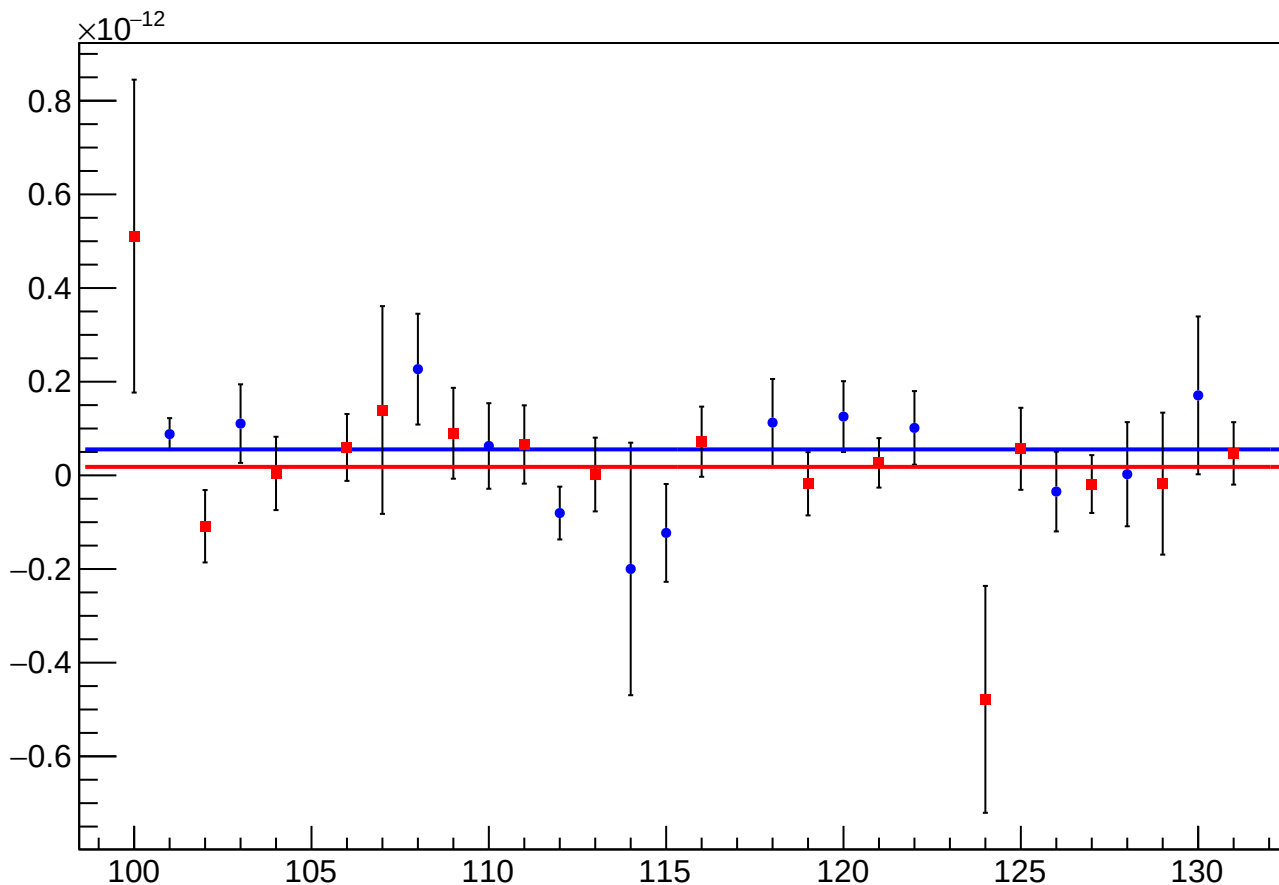
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.300+/-0.010 χ^2/NDF : 1352492.1/28

- sign 0.000+/-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: 16.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.3/15

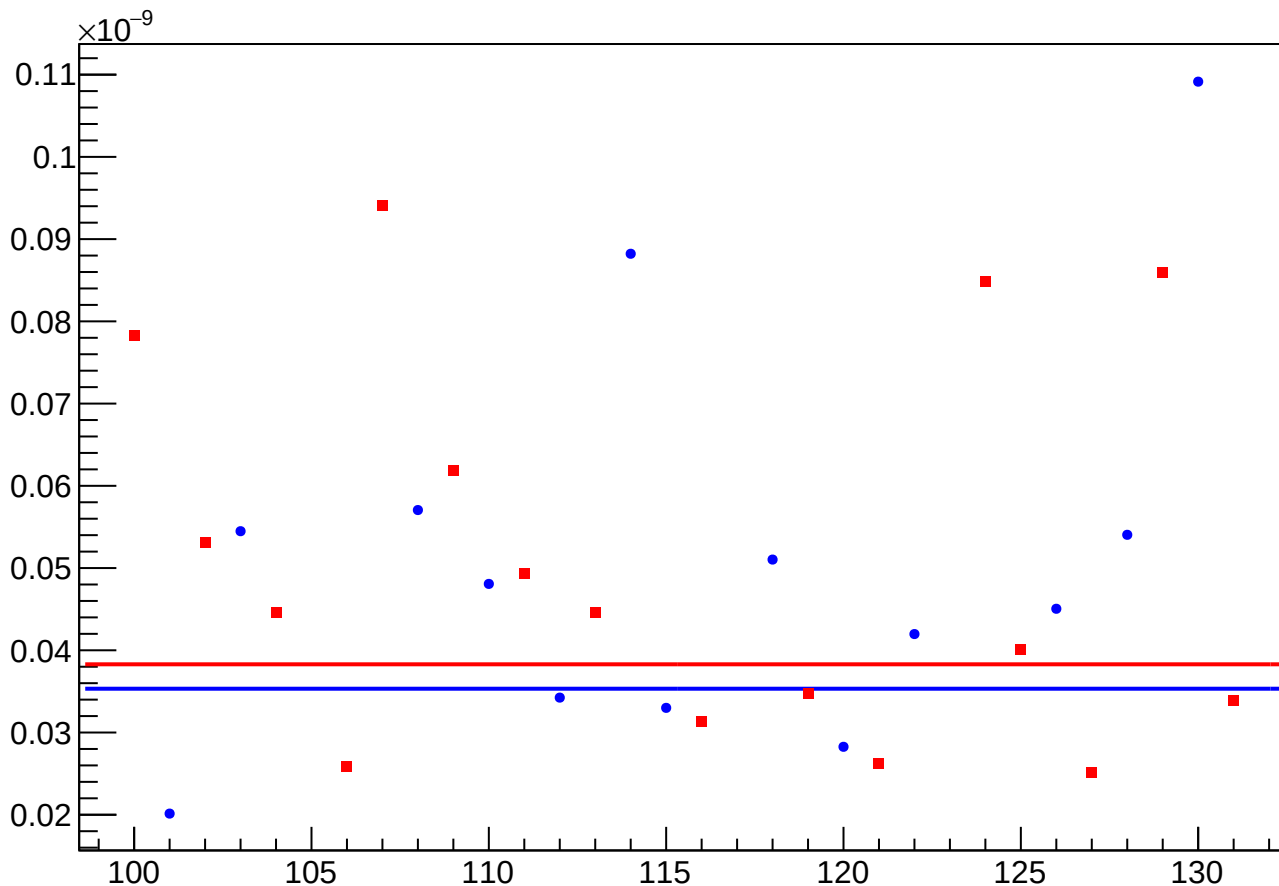
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 30.4/28

- 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 : 1241385.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 965754.3/15

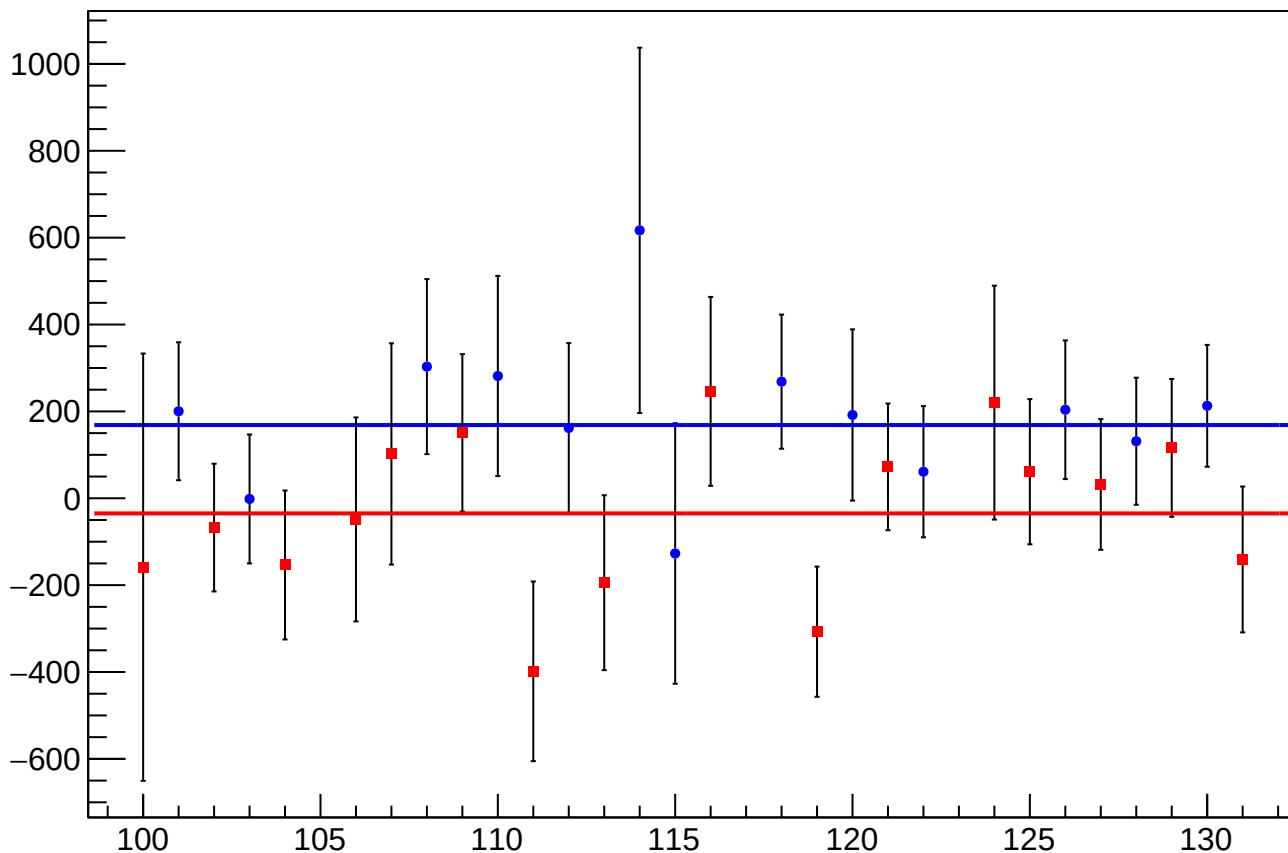
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2227940.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_mean vs Slug



Right In: 168.597 $\pm$ 48.810 χ^2 /NDF: 5.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -34.852 $\pm$ 45.736 χ^2 /NDF: 13.9/15

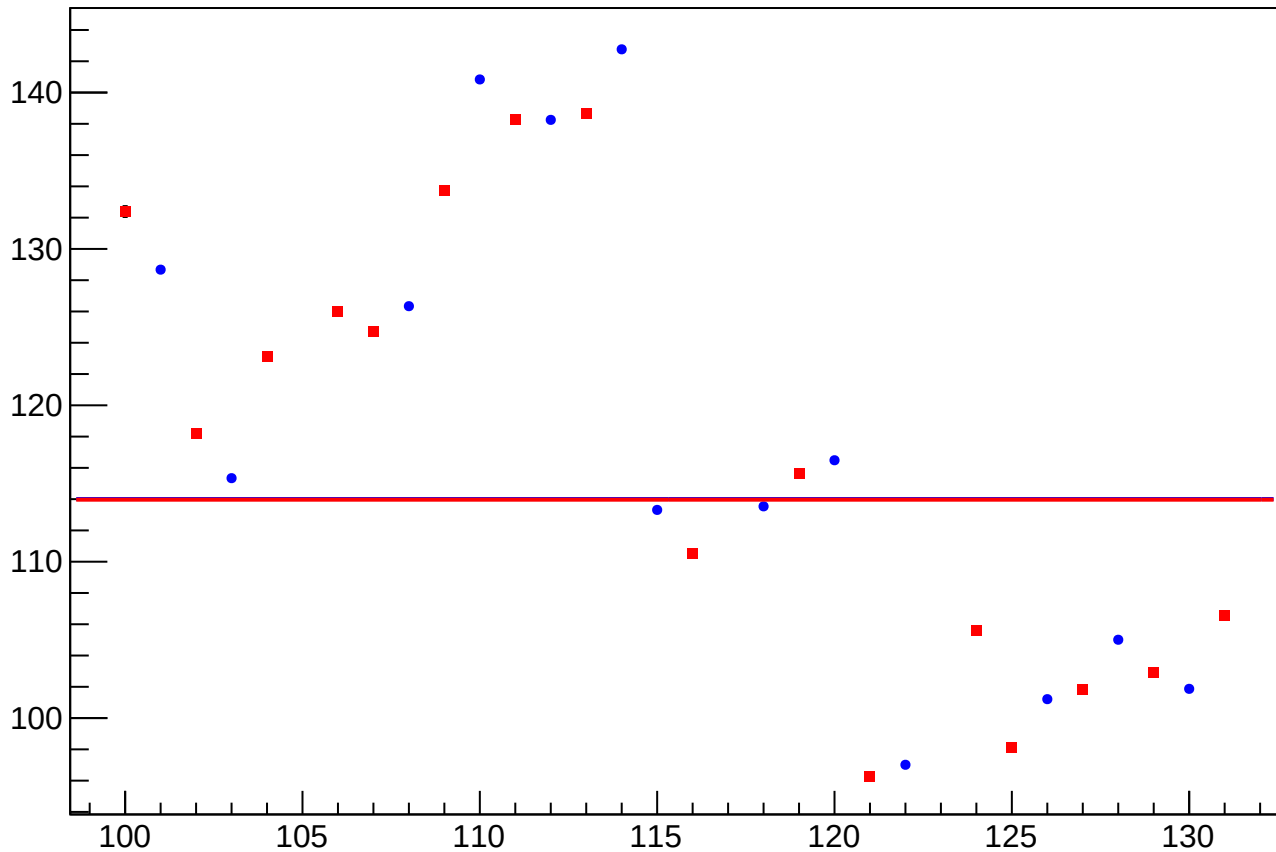
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 60.264 $\pm$ 33.374 χ^2 /NDF: 28.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_48_dd_rms vs Slug



Right In: 114.007 $\pm$ 0.035 χ^2 /NDF: 152974.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 113.967 $\pm$ 0.032 χ^2 /NDF: 177196.3/15

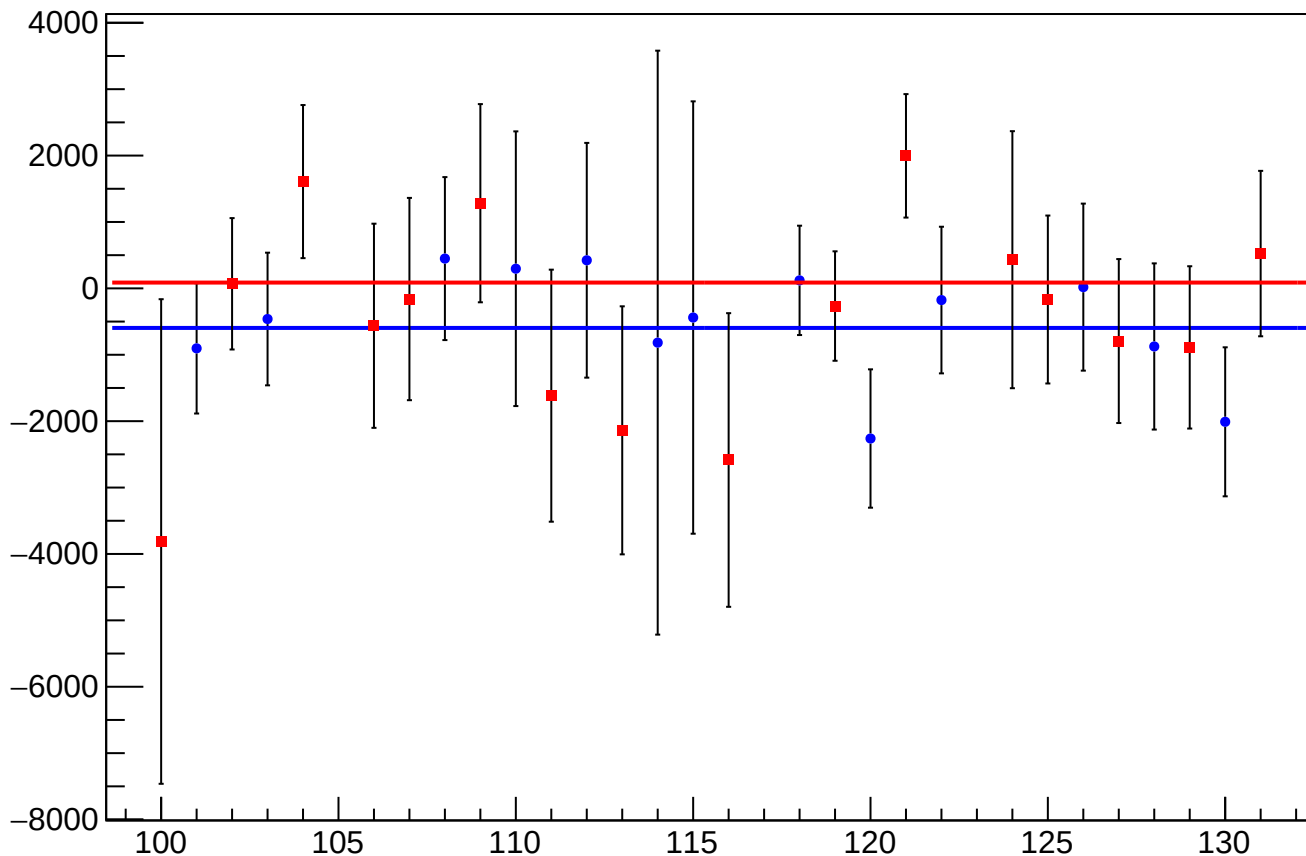
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 113.985 $\pm$ 0.024 χ^2 /NDF: 330171.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_reg_correction_mean vs Slug



Right In: -595.758+/-339.340 χ^2 /NDF: 6.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 87.331+/-325.970 χ^2 /NDF: 13.2/15

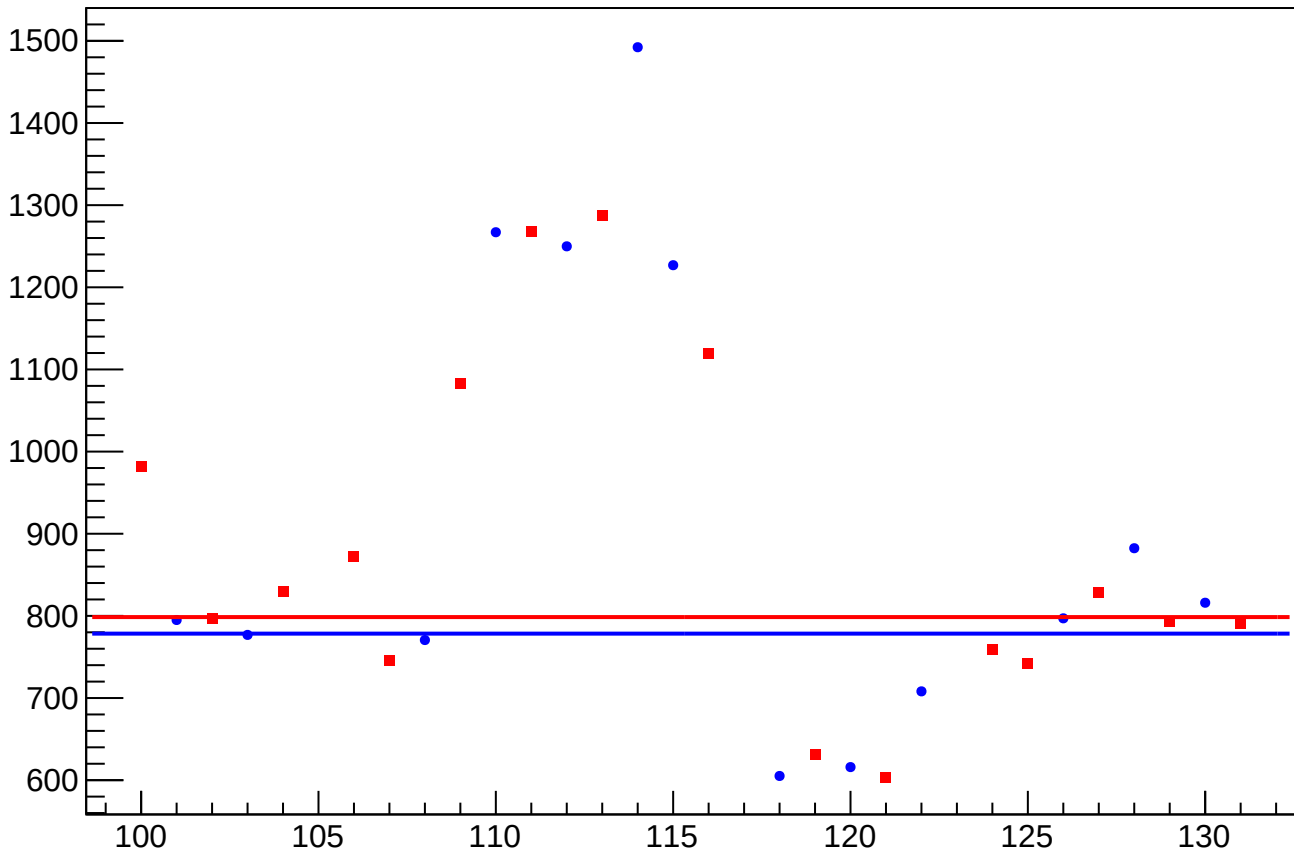
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -240.491+/-235.080 χ^2 /NDF: 22.0/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_reg_correction_rms vs Slug



Right In: 778.398+/-0.240 χ^2/NDF : 506963.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 798.547+/-0.230 χ^2/NDF : 564245.8/15

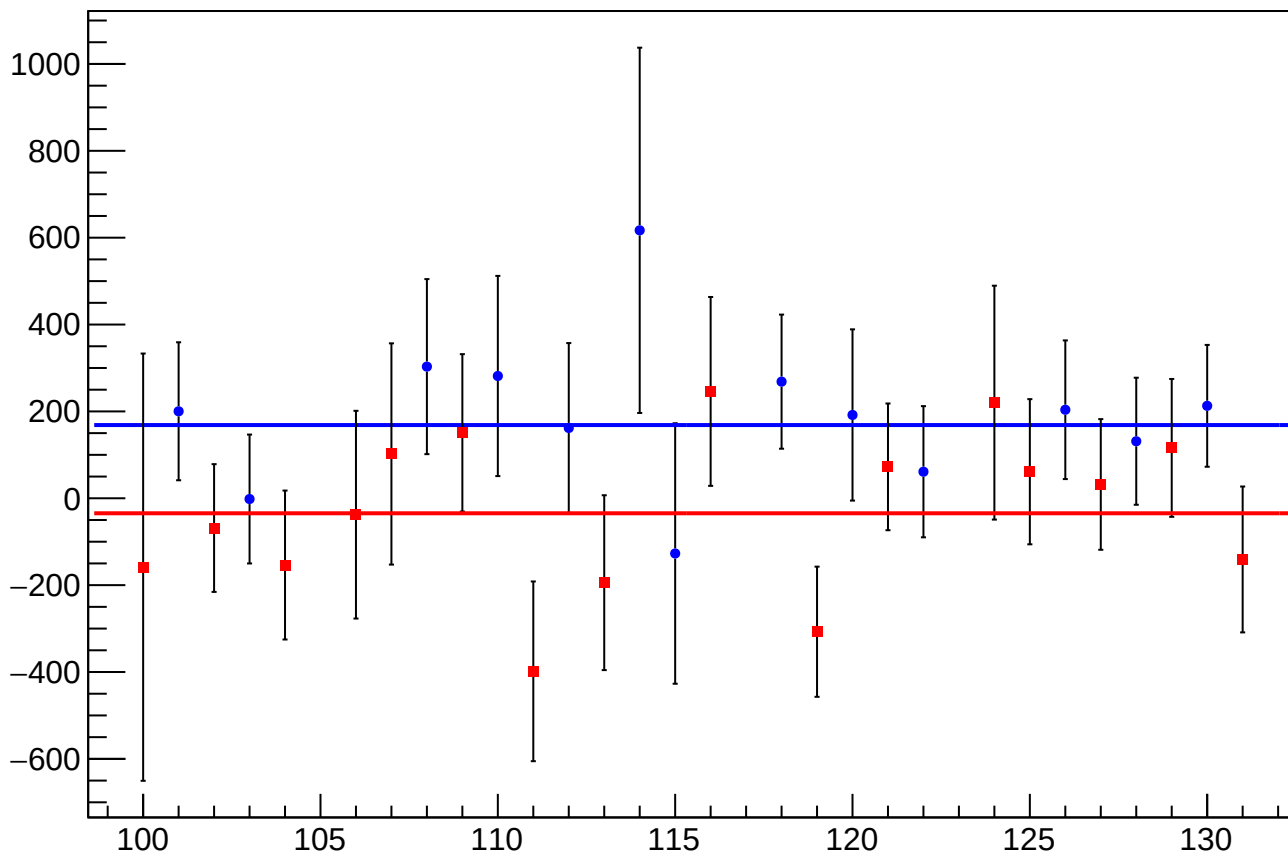
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 788.877+/-0.166 χ^2/NDF : 1074876.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_26_48_dd_mean vs Slug



Right In: 168.590 $\pm$ 48.810 χ^2 /NDF: 5.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -34.542 $\pm$ 45.769 χ^2 /NDF: 13.9/15

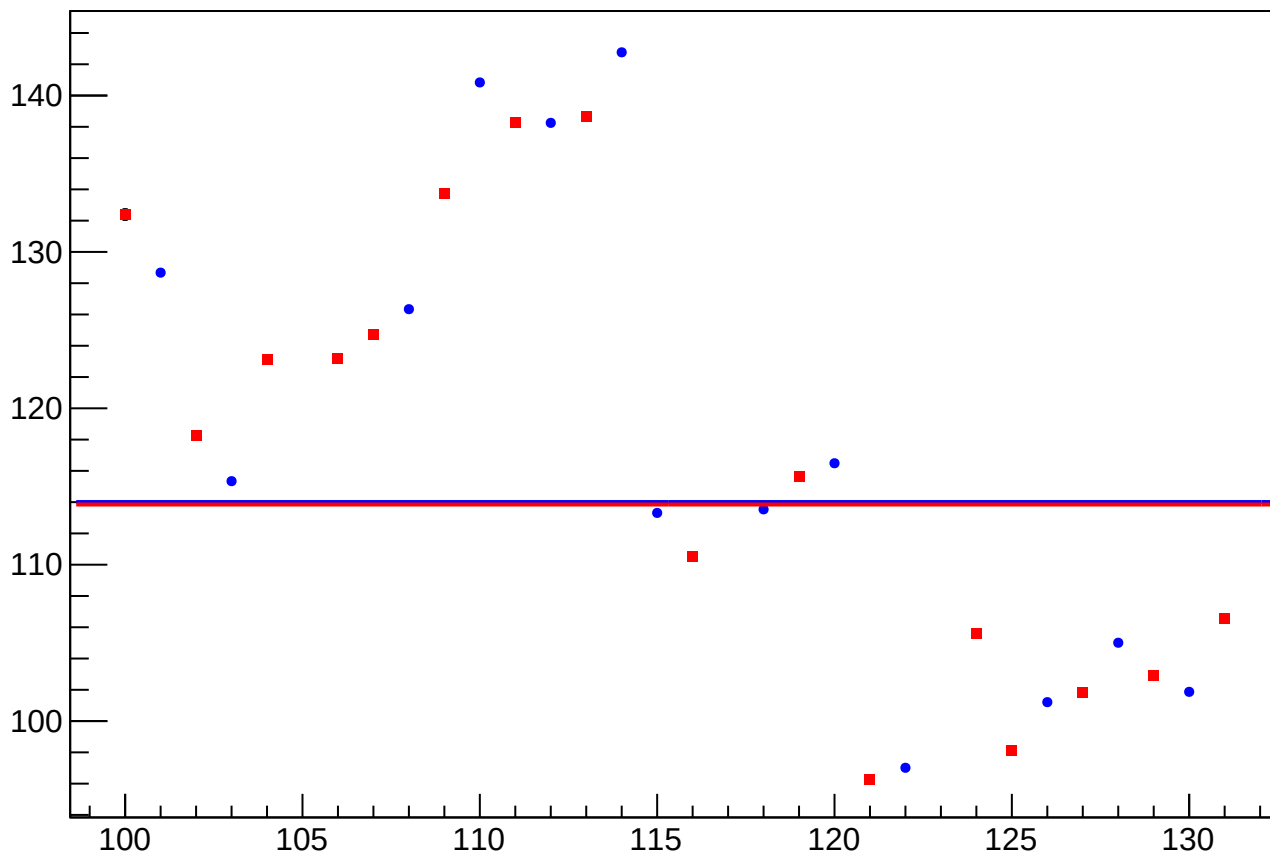
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 60.498 $\pm$ 33.387 χ^2 /NDF: 28.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_26_48_dd_rms vs Slug



Right In: 114.007 $\pm$ 0.035 χ^2 /NDF: 152974.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 113.849 $\pm$ 0.032 χ^2 /NDF: 174908.8/15

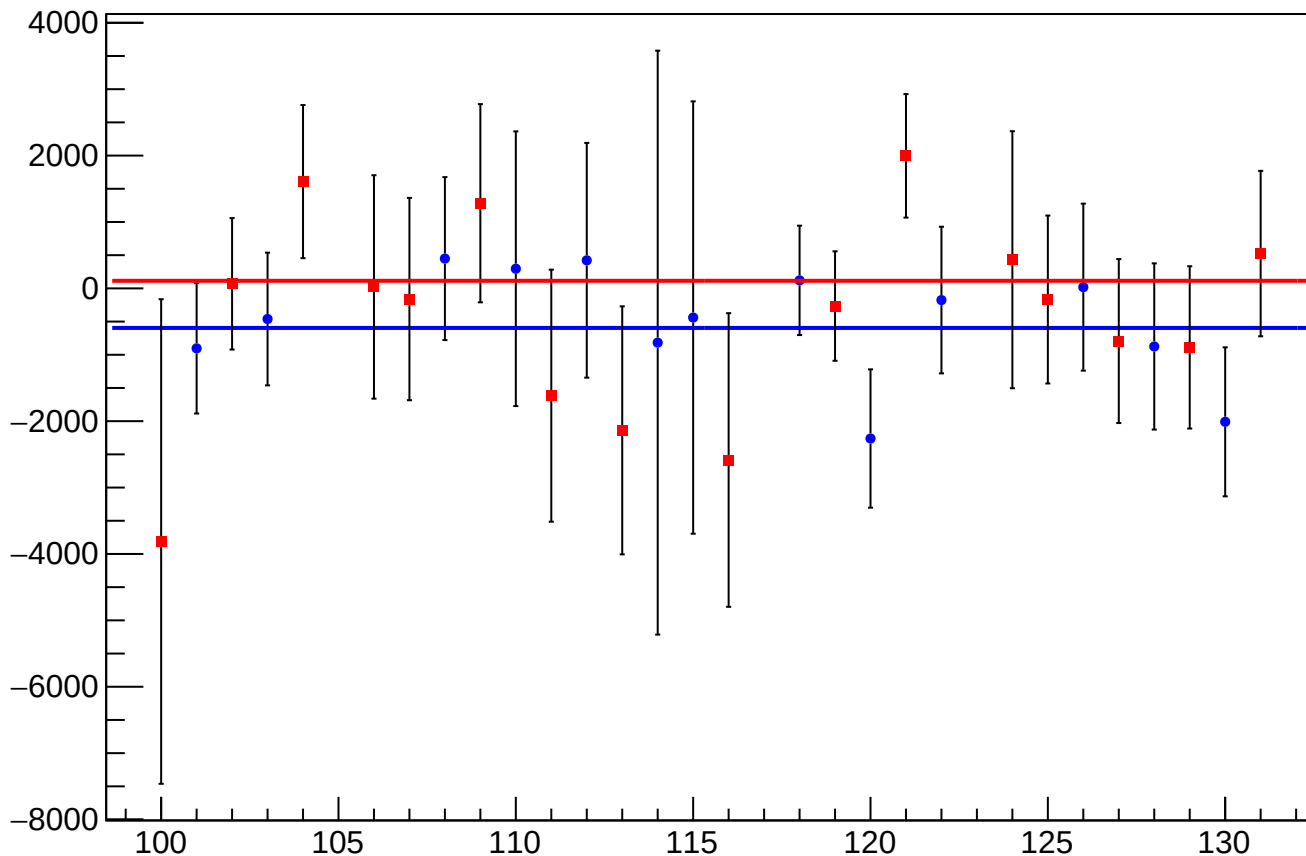
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 113.923 $\pm$ 0.024 χ^2 /NDF: 327894.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_cor_correction_mean vs Slug



Right In: -595.735+/-339.341 χ^2/NDF : 6.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.271+/-327.209 χ^2/NDF : 13.0/15

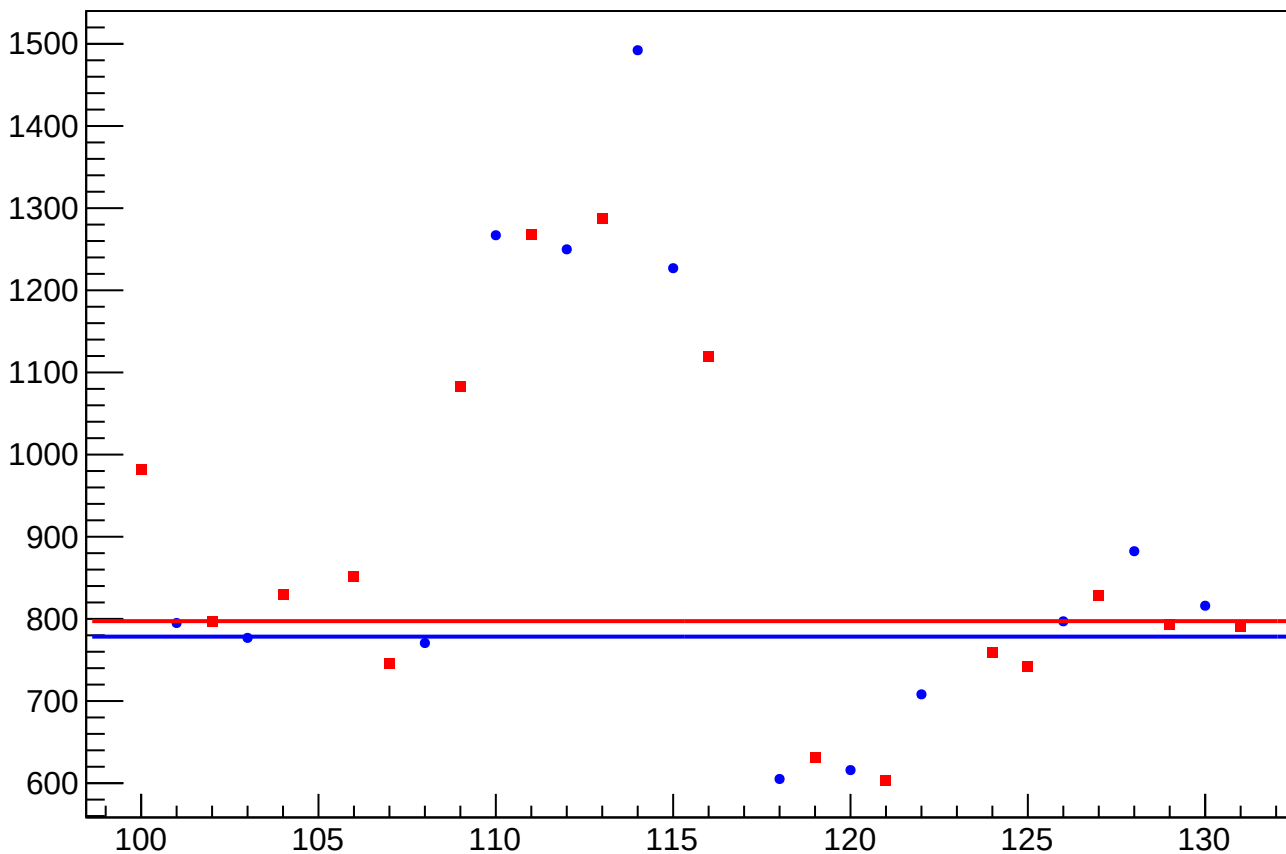
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -227.814+/-235.544 χ^2/NDF : 21.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_cor_correction_rms vs Slug



Right In: 778.399+/-0.240 χ^2/NDF : 506969.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 797.258+/-0.231 χ^2/NDF : 561562.4/15

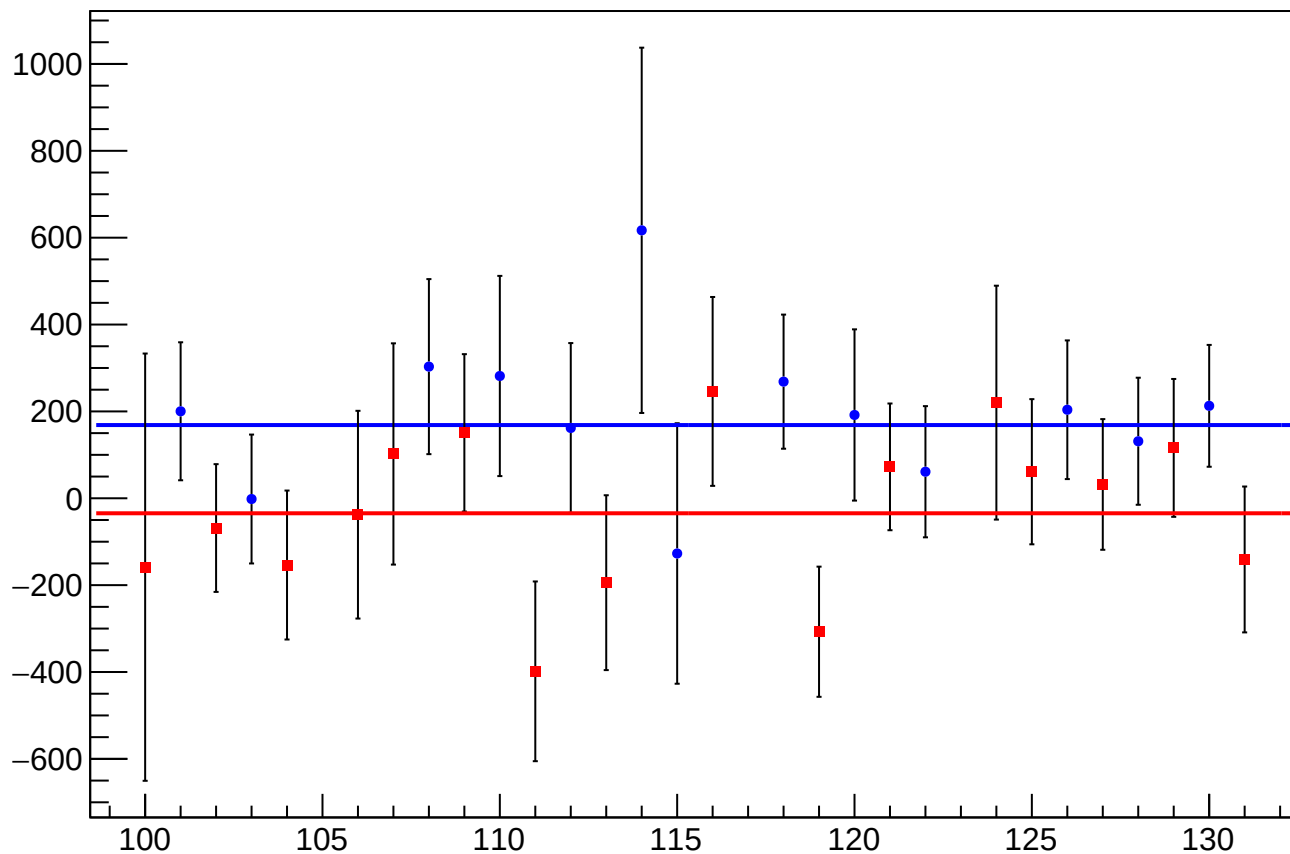
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 788.172+/-0.167 χ^2/NDF : 1071733.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_26_48_dd_mean vs Slug



Right In: 168.590 $\pm$ 48.810 χ^2 /NDF: 5.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -34.542 $\pm$ 45.769 χ^2 /NDF: 13.9/15

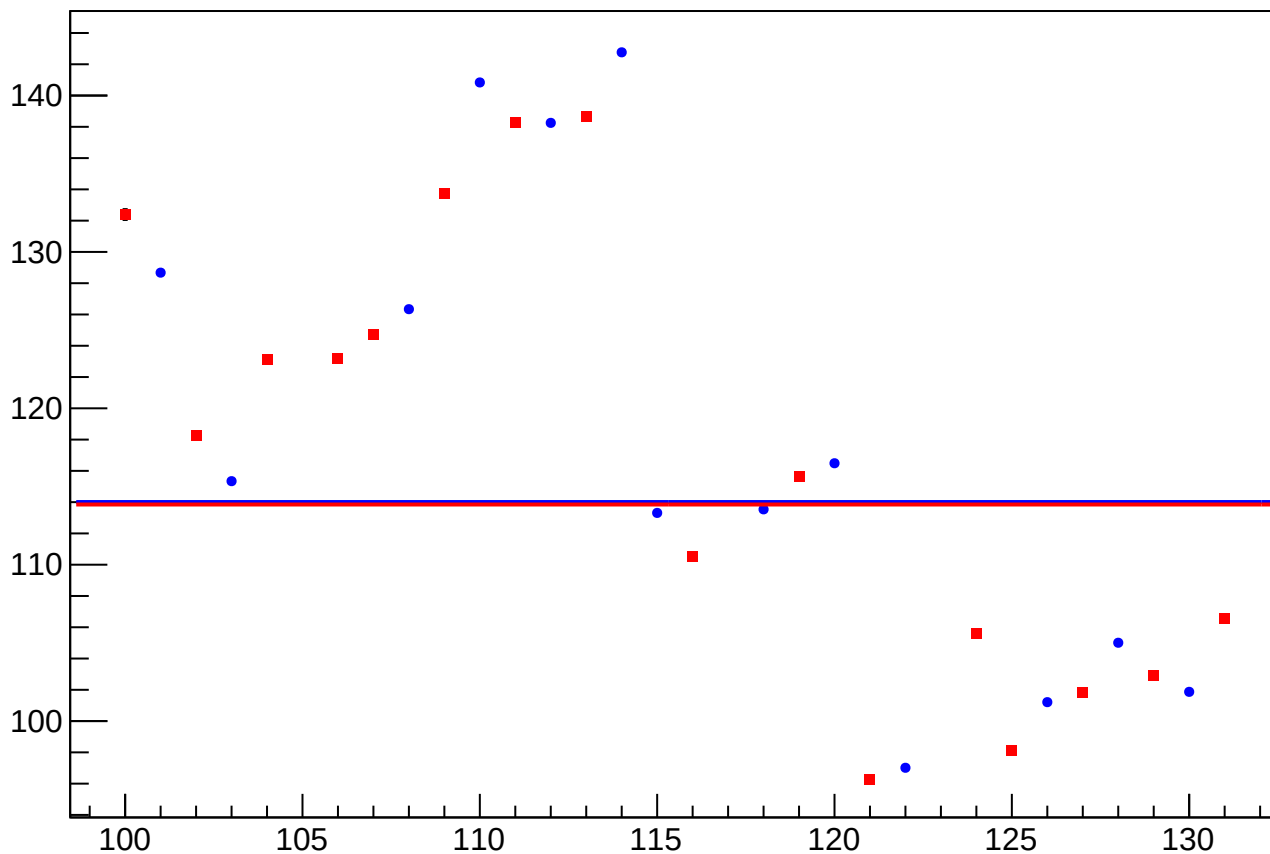
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 60.498 $\pm$ 33.387 χ^2 /NDF: 28.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_26_48_dd_rms vs Slug



Right In: 114.007 $\pm$ 0.035 χ^2 /NDF: 152974.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 113.849 $\pm$ 0.032 χ^2 /NDF: 174908.8/15

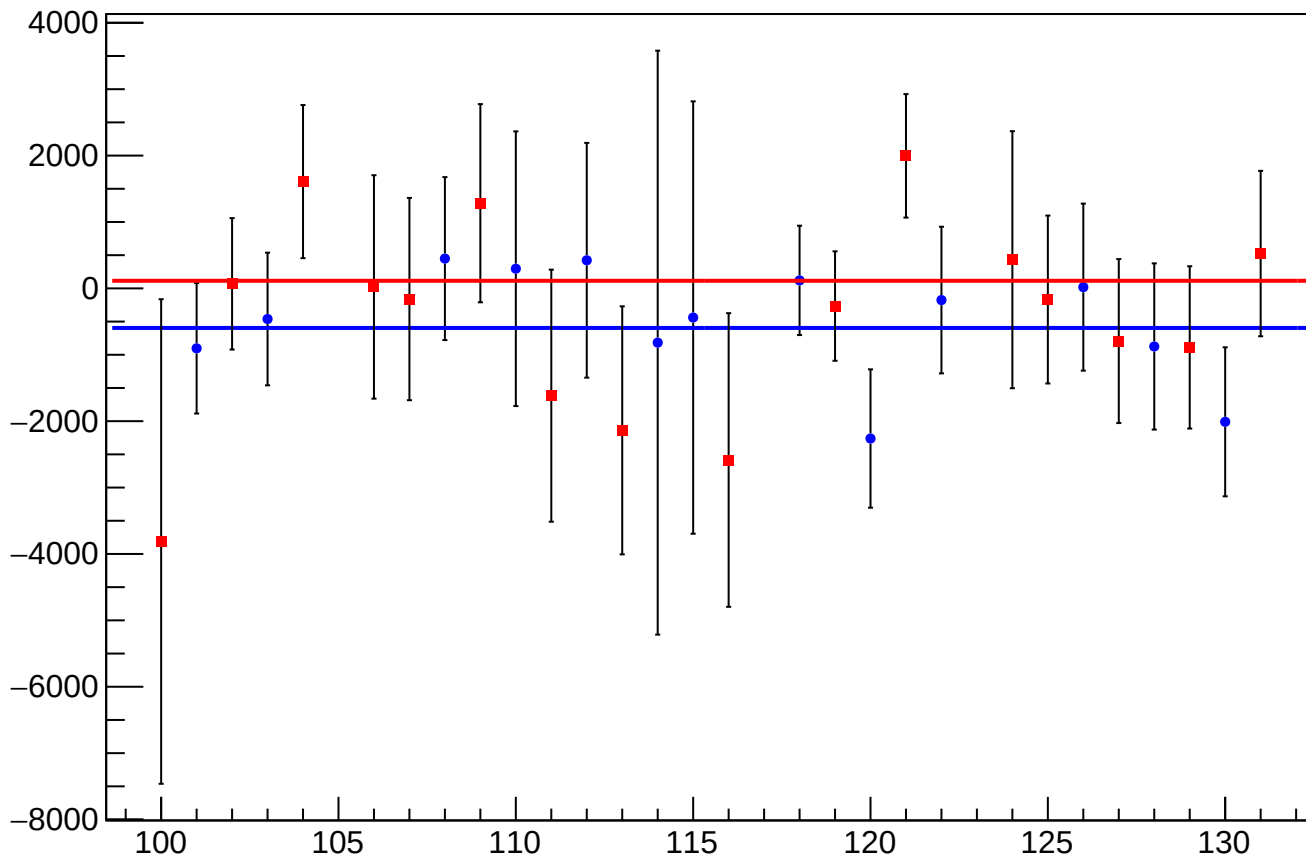
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 113.923 $\pm$ 0.024 χ^2 /NDF: 327894.4/28

- 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: -595.735+/-339.341 χ^2 /NDF: 6.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 114.271+/-327.209 χ^2 /NDF: 13.0/15

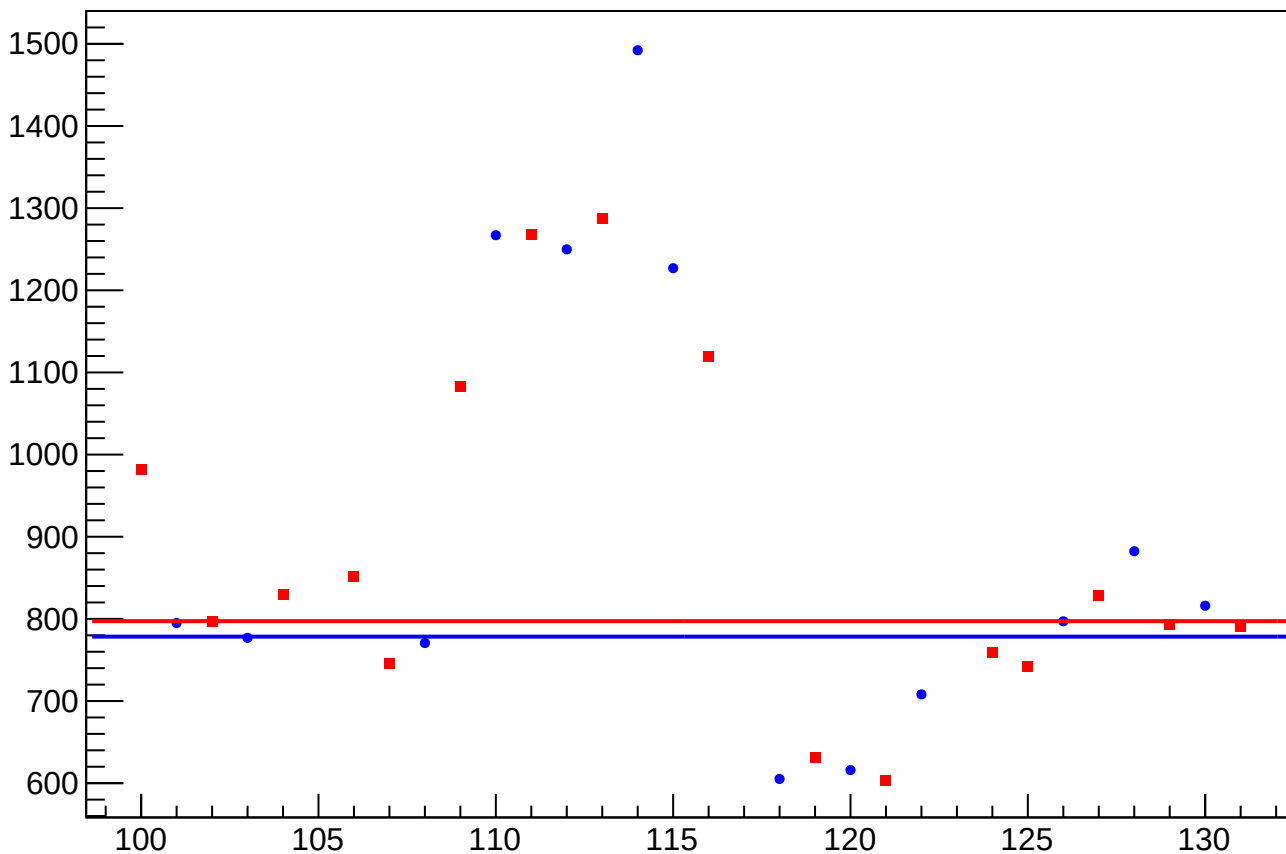
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -227.814+/-235.544 χ^2 /NDF: 21.9/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_eigen_cor_correction_rms vs Slug



Right In: 778.399 $\pm$ 0.240 χ^2 /NDF: 506969.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 797.258 $\pm$ 0.231 χ^2 /NDF: 561562.4/15

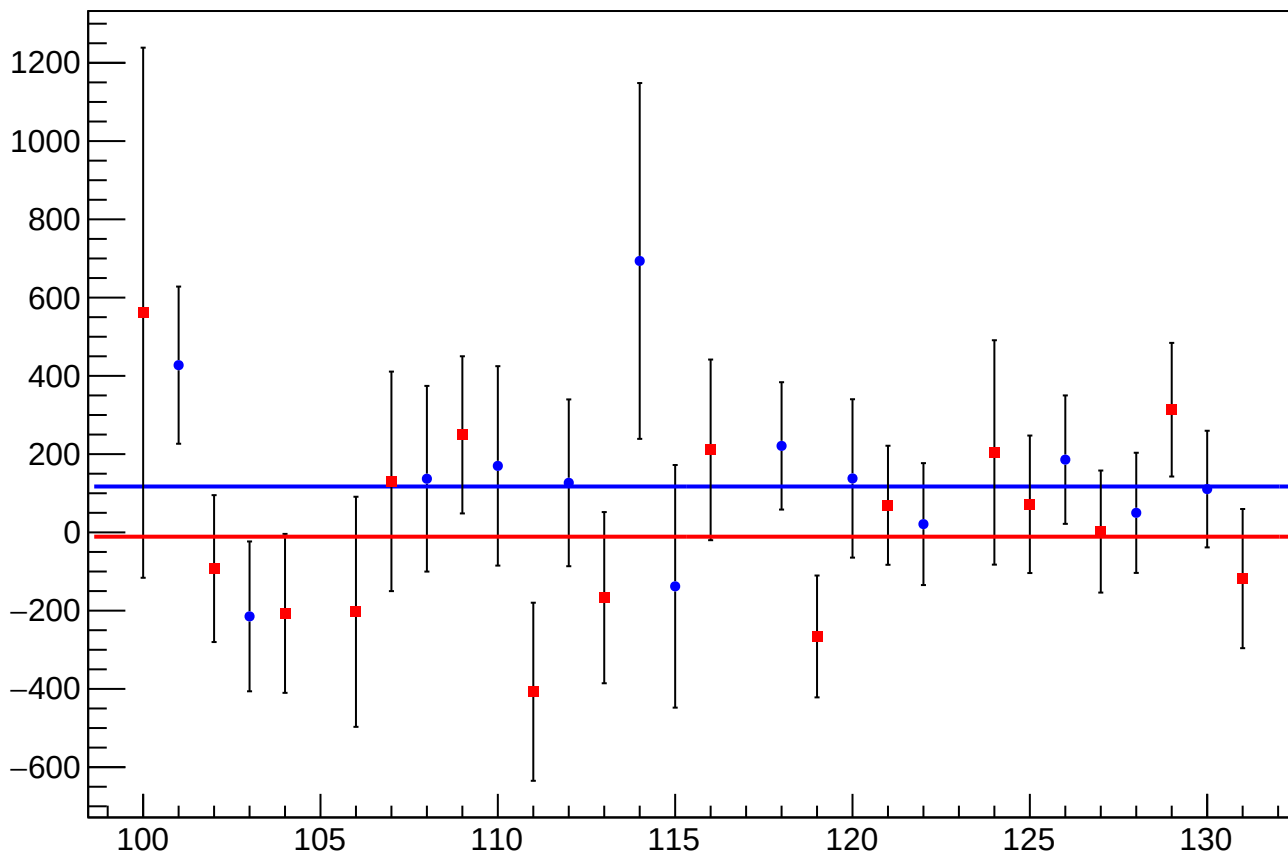
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 788.172 $\pm$ 0.167 χ^2 /NDF: 1071733.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_26_48_dd_mean vs Slug



Right In: 117.270 $\pm$ 53.419 χ^2 /NDF: 8.9/12

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -10.976 $\pm$ -50.069 χ^2 /NDF: 16.4/15

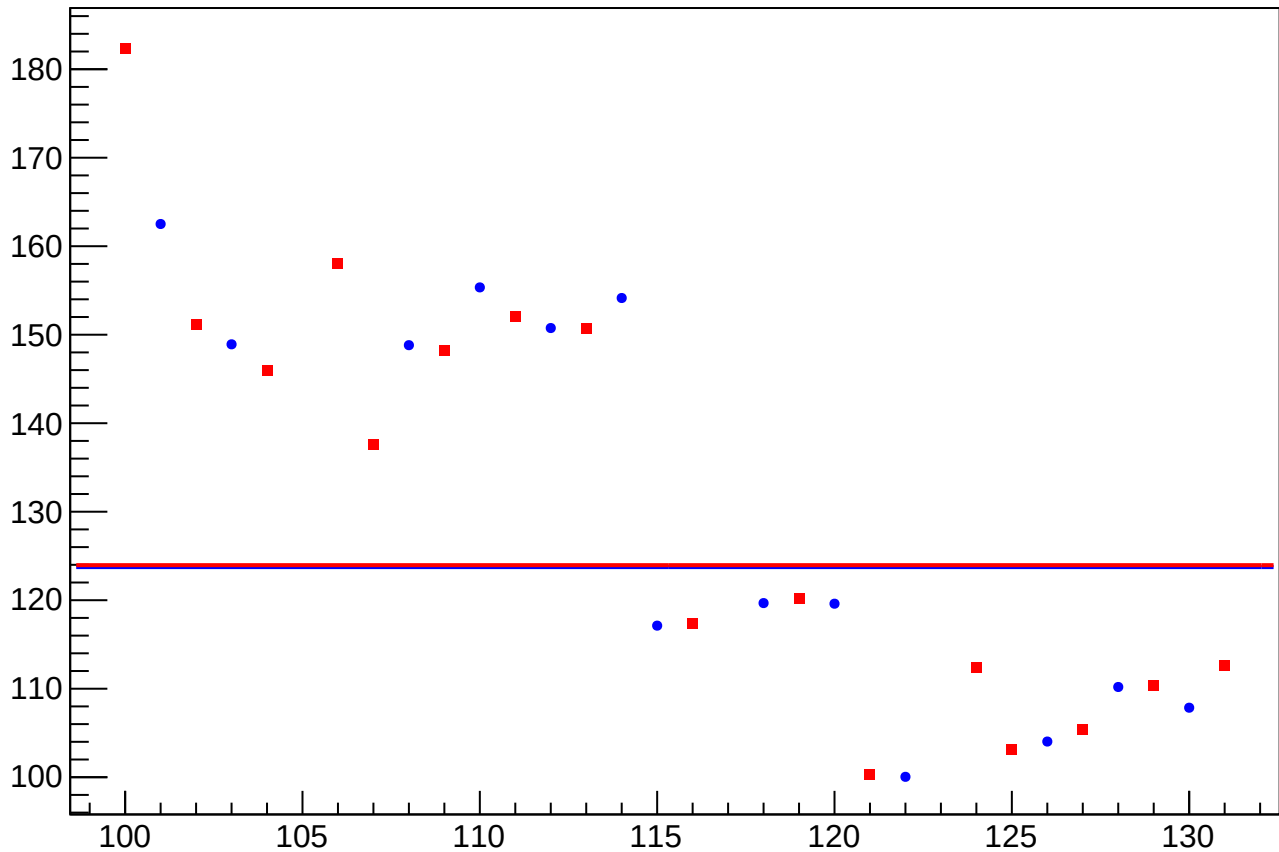
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: 48.999 $\pm$ -36.531 χ^2 /NDF: 28.3/28

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_26_48_dd_rms vs Slug



Right In: 123.742 $\pm$ 0.038 χ^2 /NDF: 319695.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 123.961 $\pm$ 0.035 χ^2 /NDF: 333027.0/15

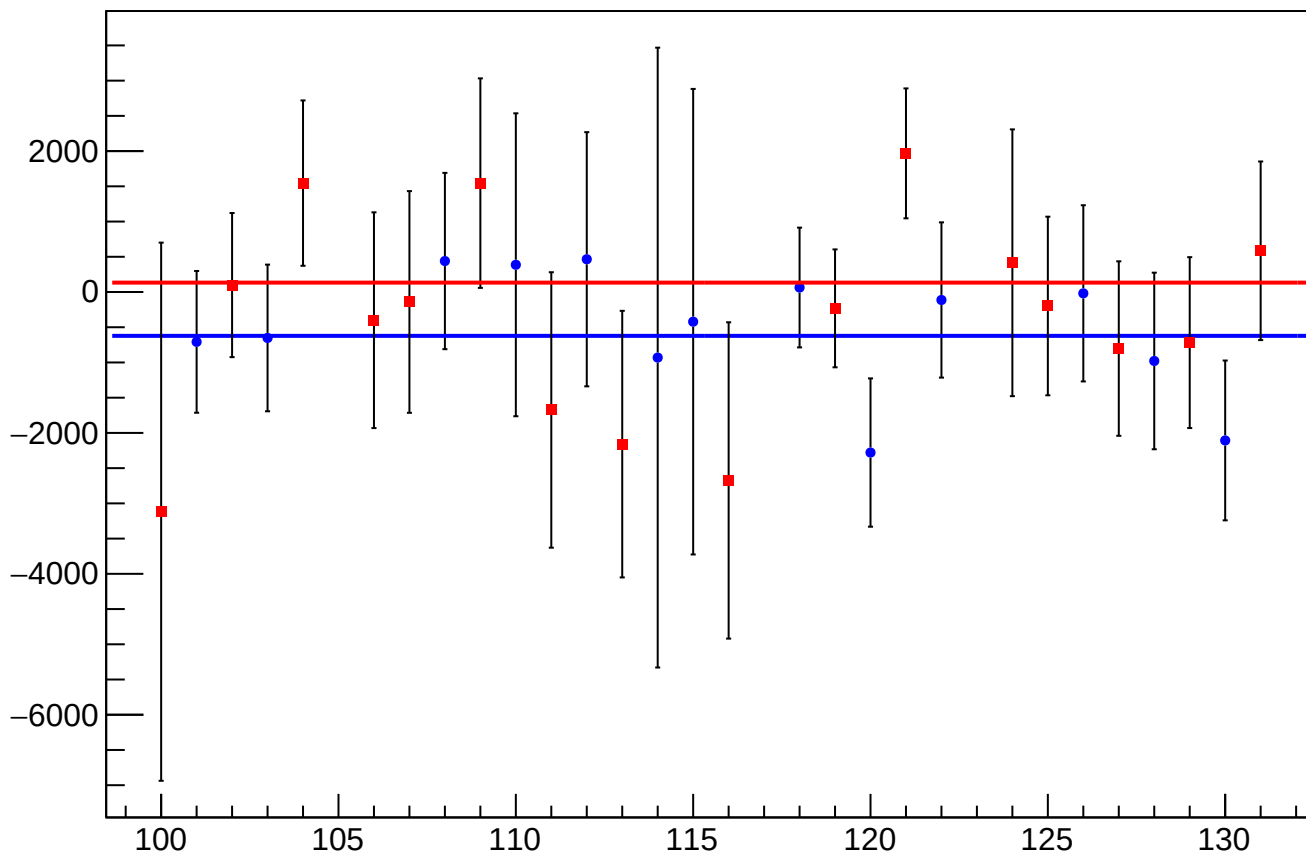
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 123.859 $\pm$ 0.026 χ^2 /NDF: 652740.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_dit_correction_mean vs Slug



Right In: -622.260 $\pm$ 345.420 χ^2 /NDF: 6.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 133.306 $\pm$ 329.075 χ^2 /NDF: 12.5/15

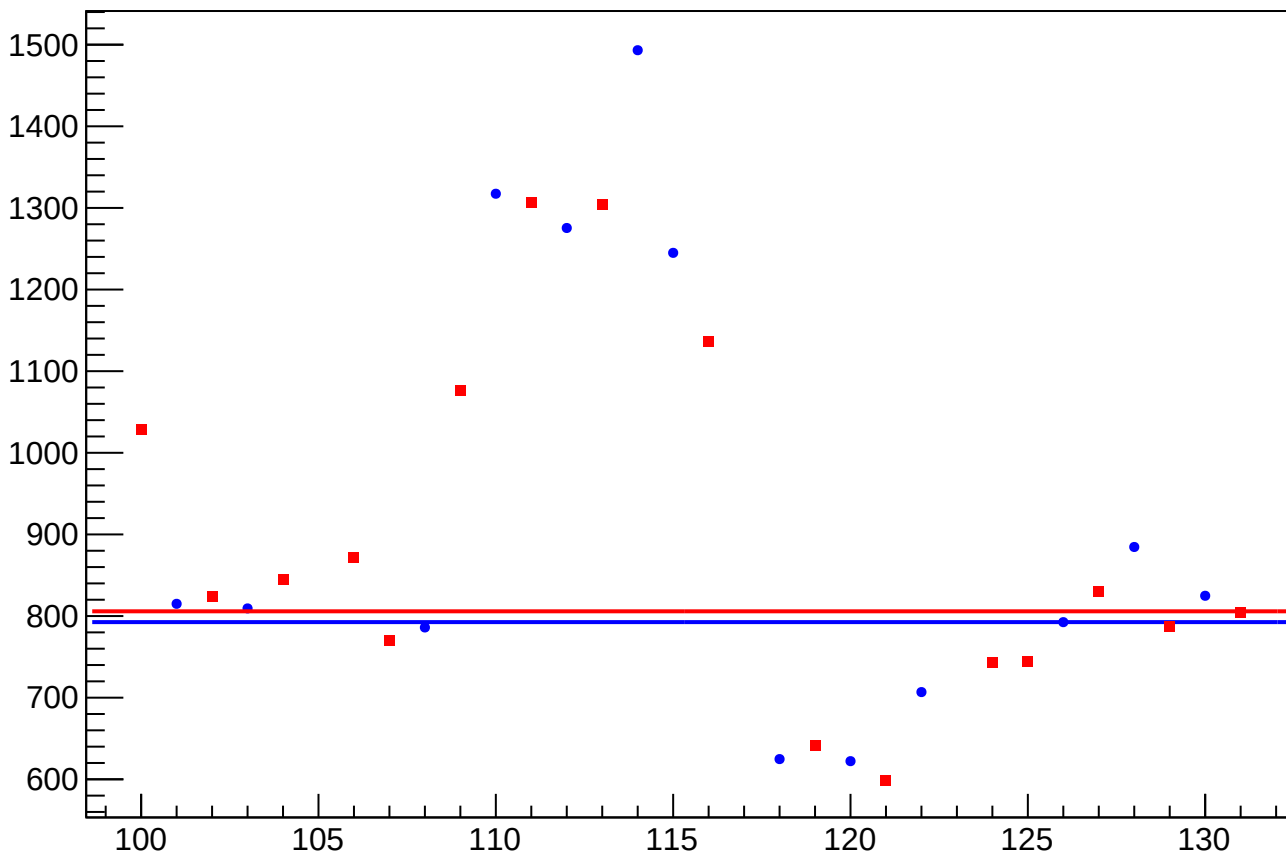
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -226.178 $\pm$ 238.260 χ^2 /NDF: 21.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_dit_correction_rms vs Slug



Right In: 792.574+/-0.244 χ^2/NDF : 507169.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 805.805+/-0.233 χ^2/NDF : 580169.8/15

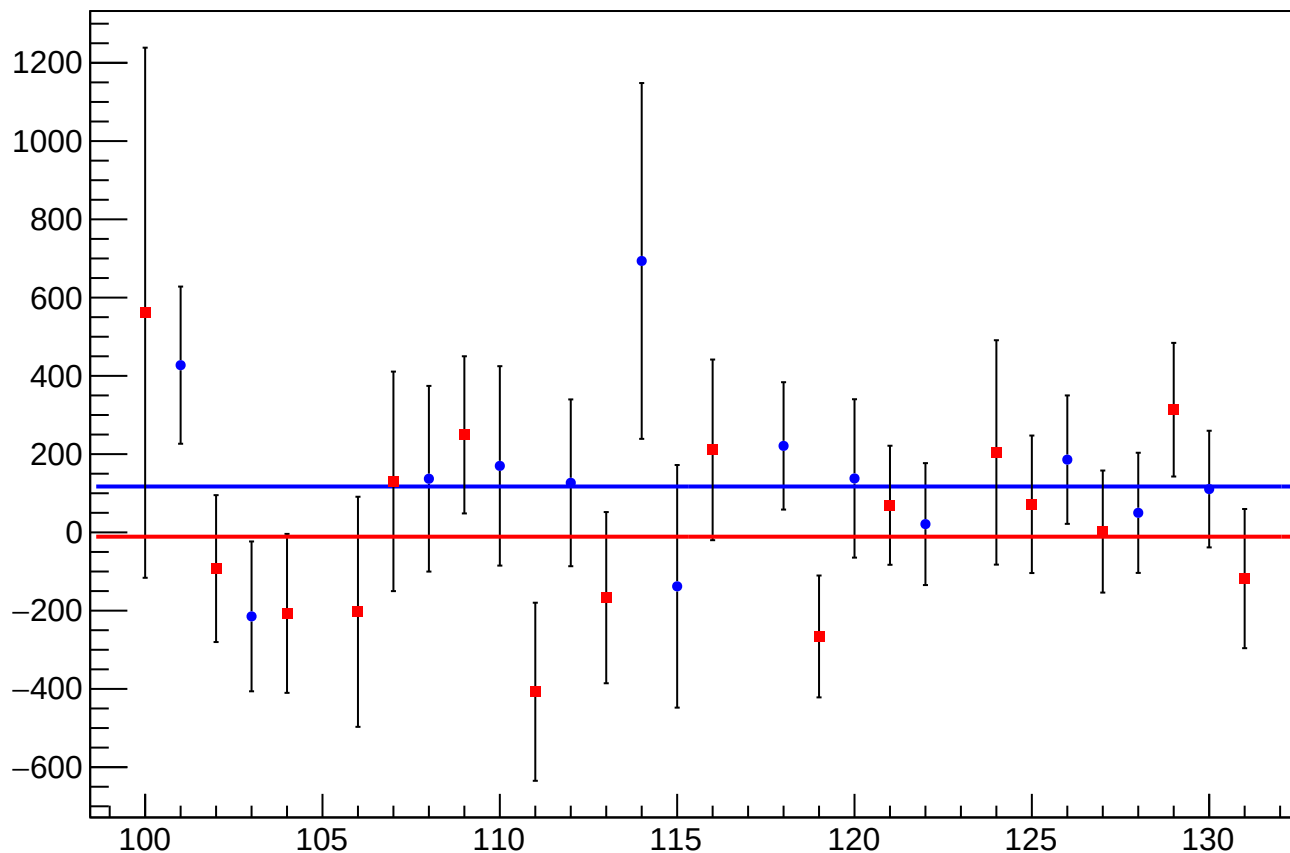
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 799.510+/-0.168 χ^2/NDF : 1088877.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_26_48_dd_mean vs Slug



Right In: 117.268 $\pm$ 53.419 χ^2 /NDF: 8.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -10.976 $\pm$ 50.069 χ^2 /NDF: 16.4/15

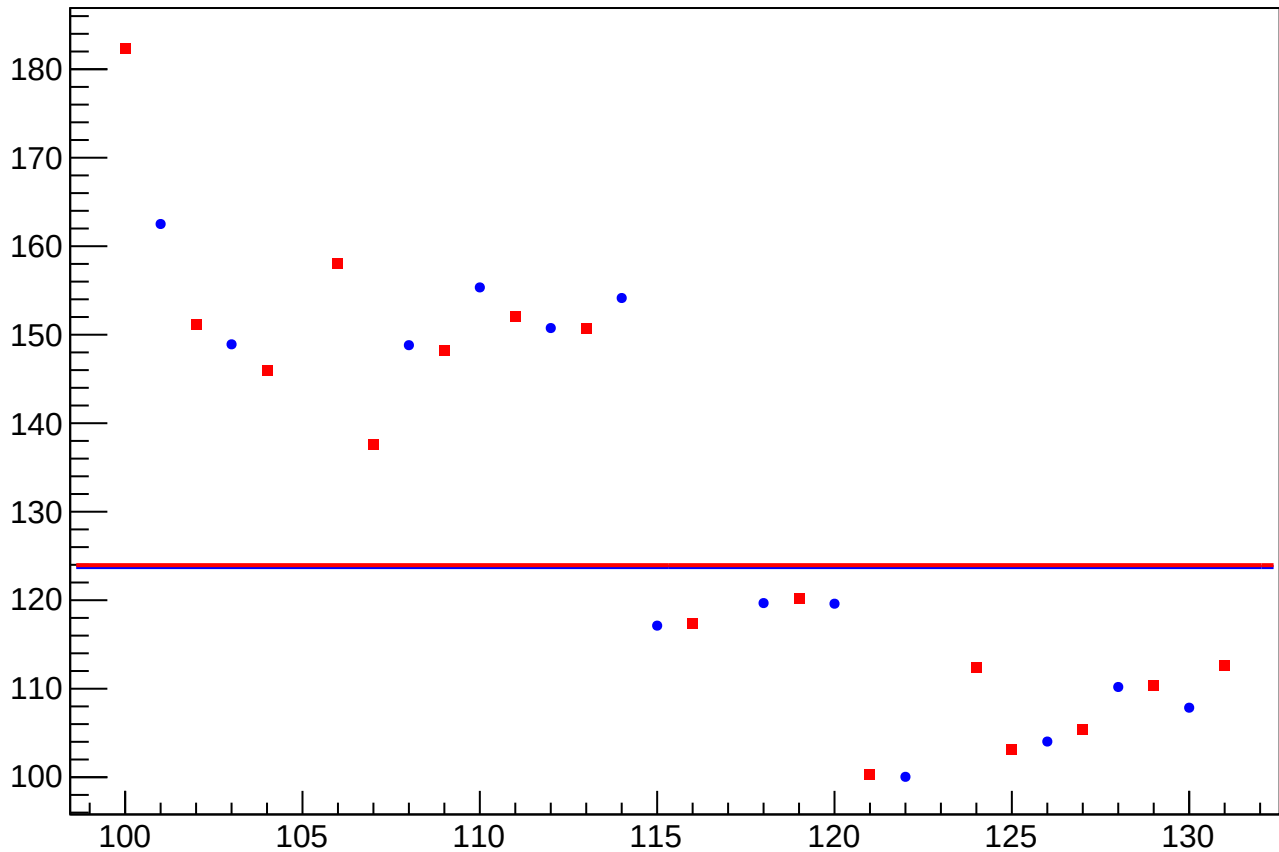
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 48.998 $\pm$ 36.531 χ^2 /NDF: 28.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_26_48_dd_rms vs Slug



Right In: 123.743+/-0.038 χ^2/NDF : 319685.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.961+/-0.035 χ^2/NDF : 333019.3/15

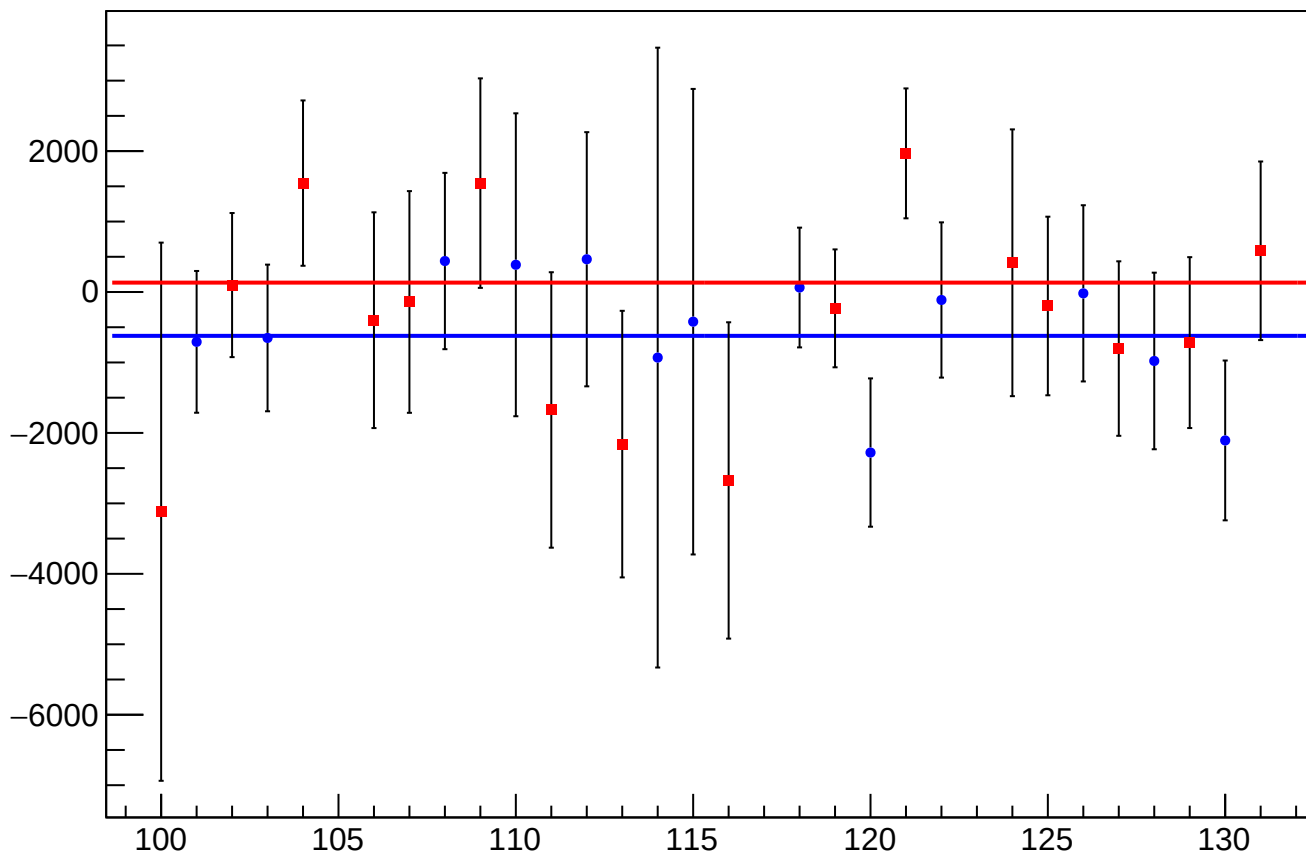
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.859+/-0.026 χ^2/NDF : 652722.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_dit_correction_mean vs Slug



Right In: -622.259+/-345.420 χ^2/NDF : 6.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.306+/-329.075 χ^2/NDF : 12.5/15

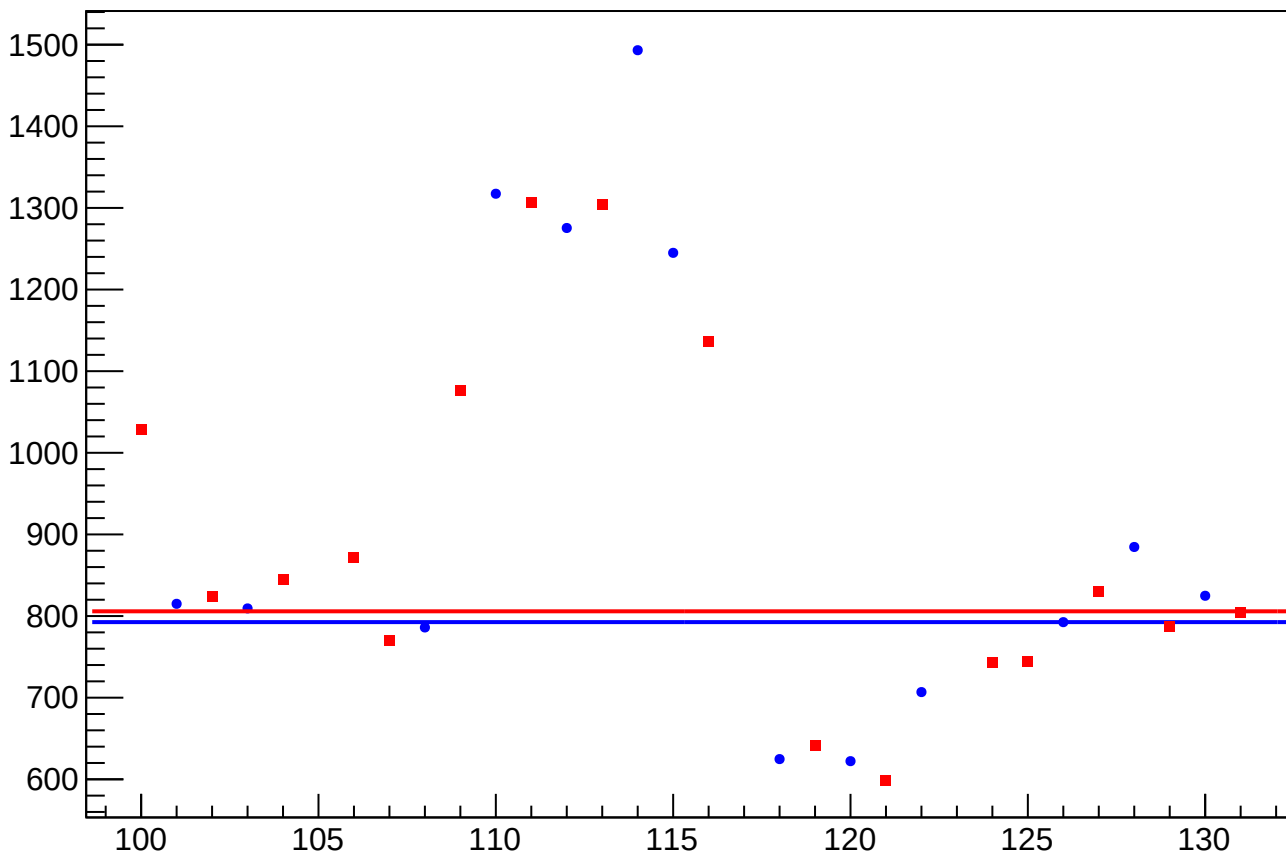
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -226.177+/-238.260 χ^2/NDF : 21.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_dit_correction_rms vs Slug



Right In: 792.574+/-0.244 χ^2/NDF : 507163.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 805.805+/-0.233 χ^2/NDF : 580162.7/15

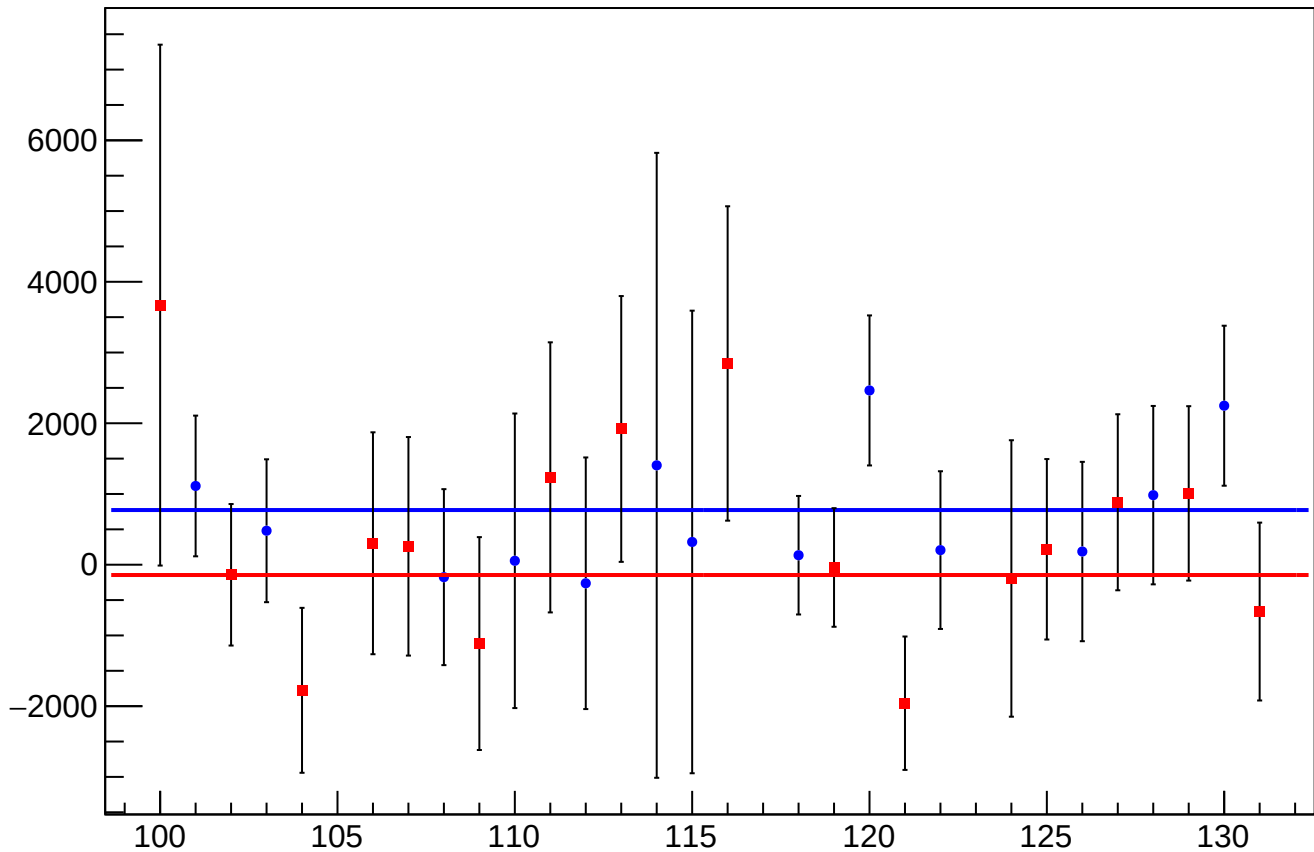
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 799.510+/-0.168 χ^2/NDF : 1088864.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_mean vs Slug



Right In: 772.955 $\pm$ 343.426 χ^2 /NDF: 6.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -145.685 $\pm$ 329.776 χ^2 /NDF: 12.7/15

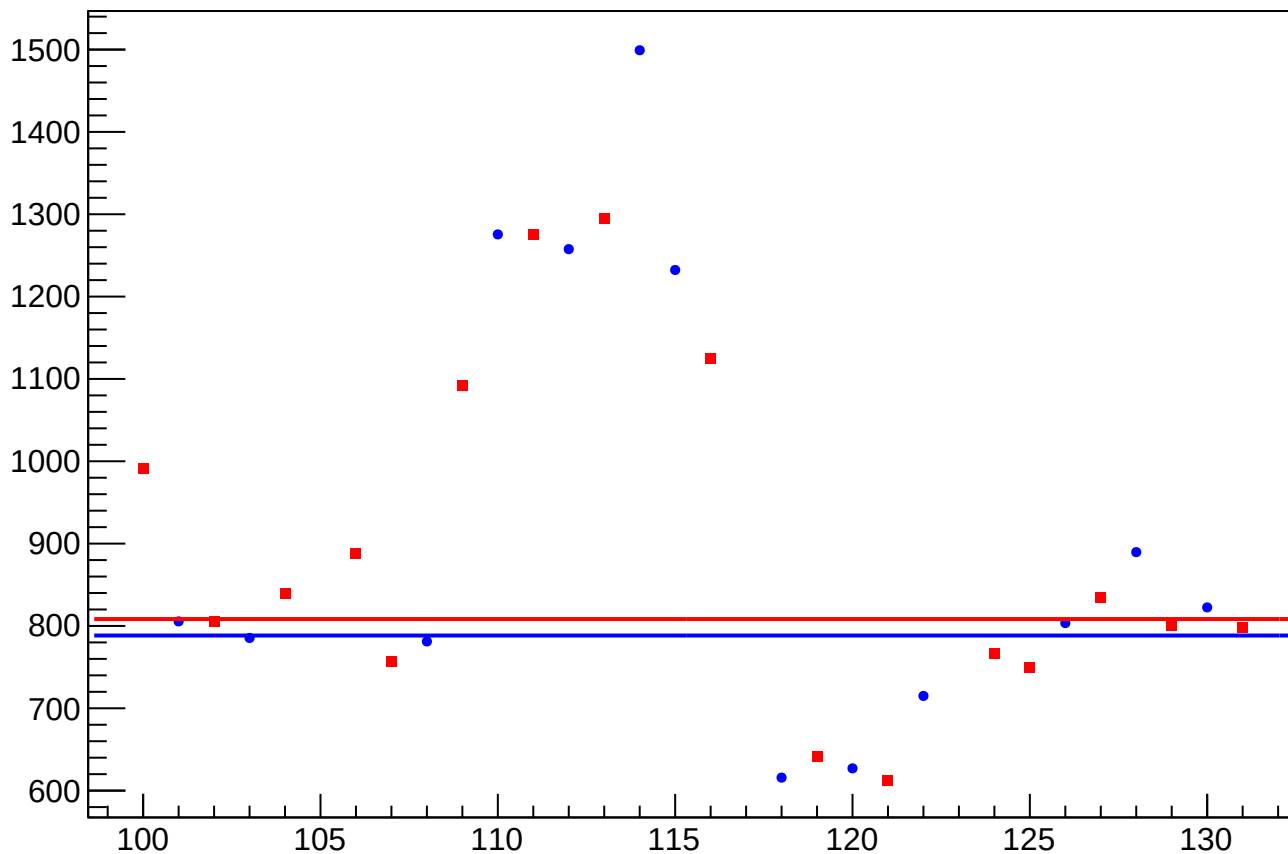
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 295.016 $\pm$ 237.866 χ^2 /NDF: 23.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_rms vs Slug



Right In: 788.365 $\pm$ 0.243 χ^2 /NDF: 492759.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 808.367 $\pm$ 0.233 χ^2 /NDF: 550925.1/15

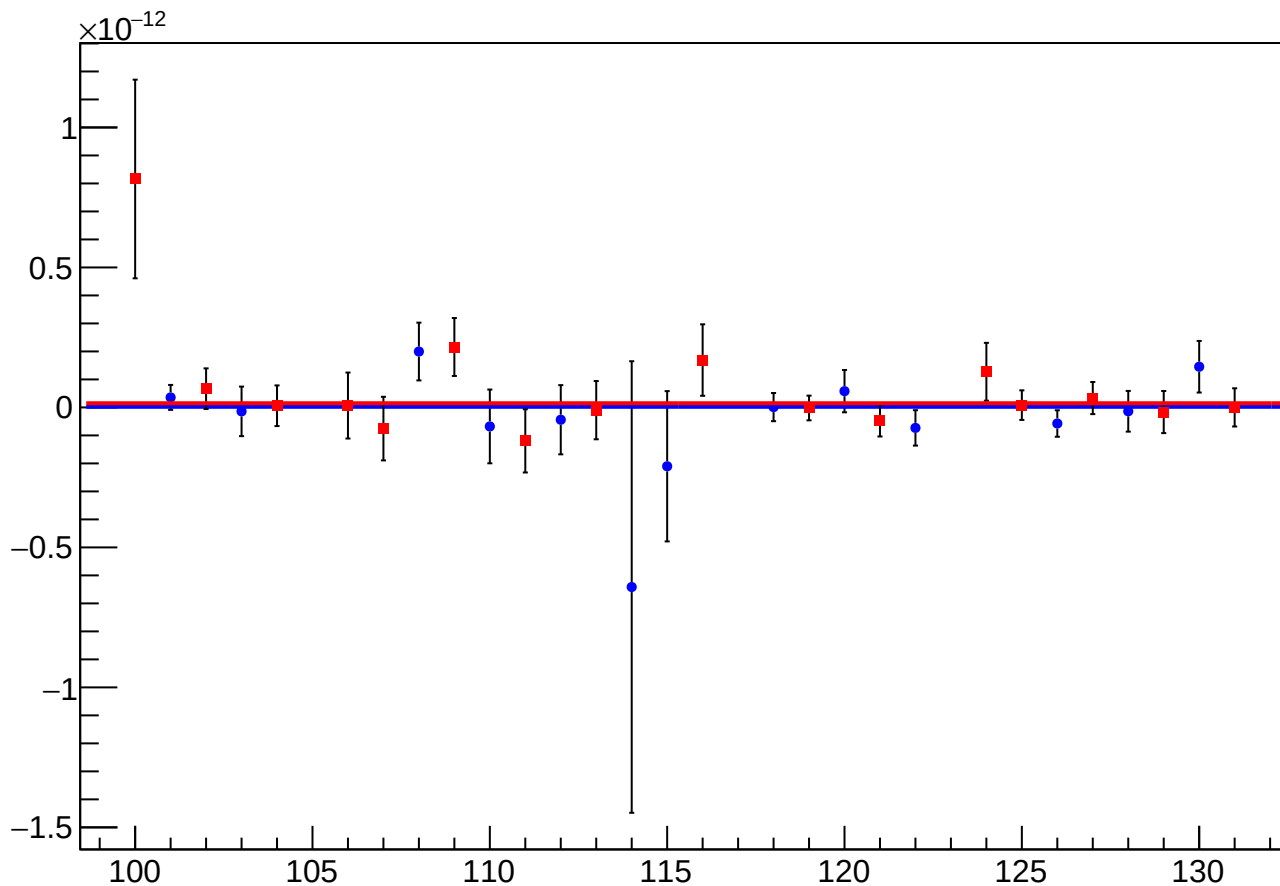
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 798.771 $\pm$ 0.168 χ^2 /NDF: 1047214.7/28

- 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 : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.8/15

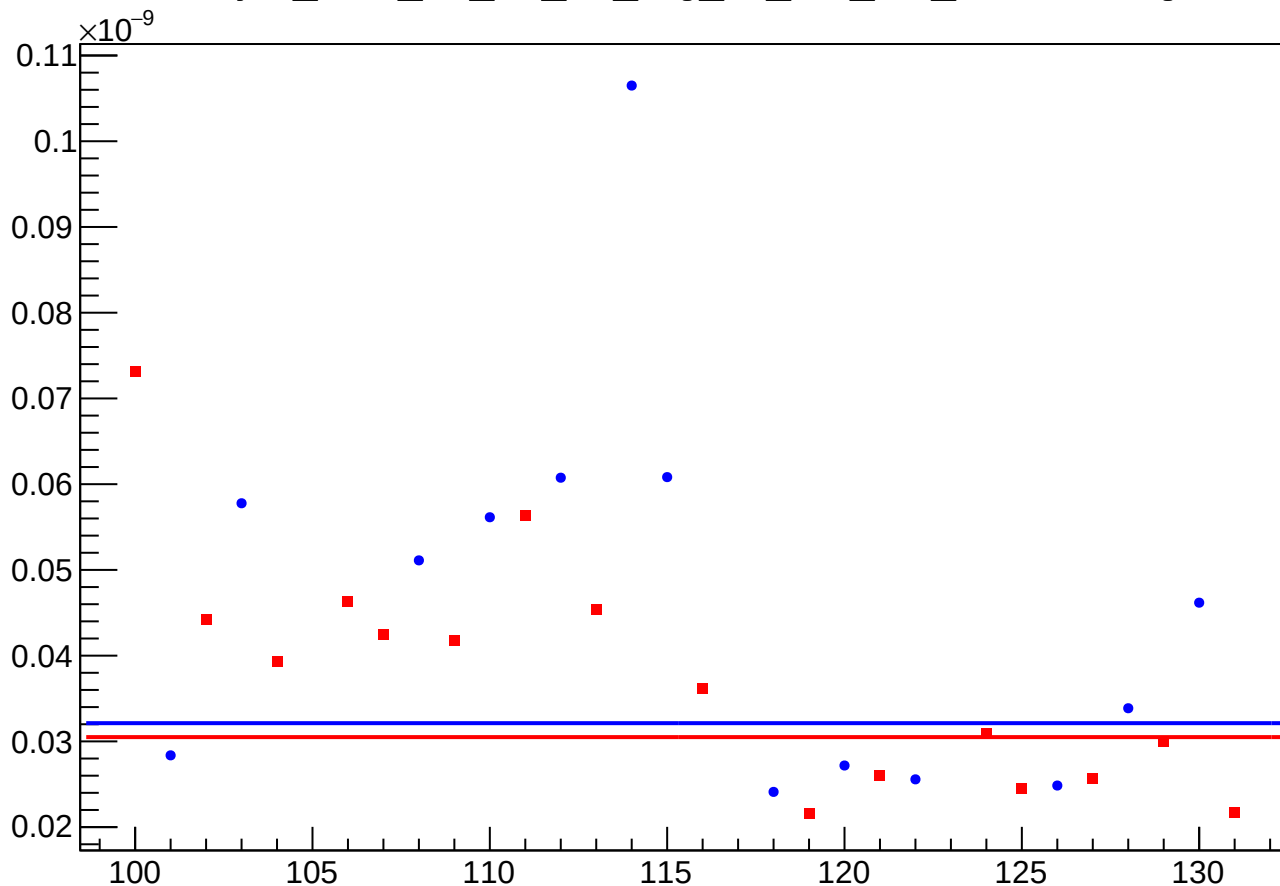
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.0/28

- 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 : 639433.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 528128.6/15

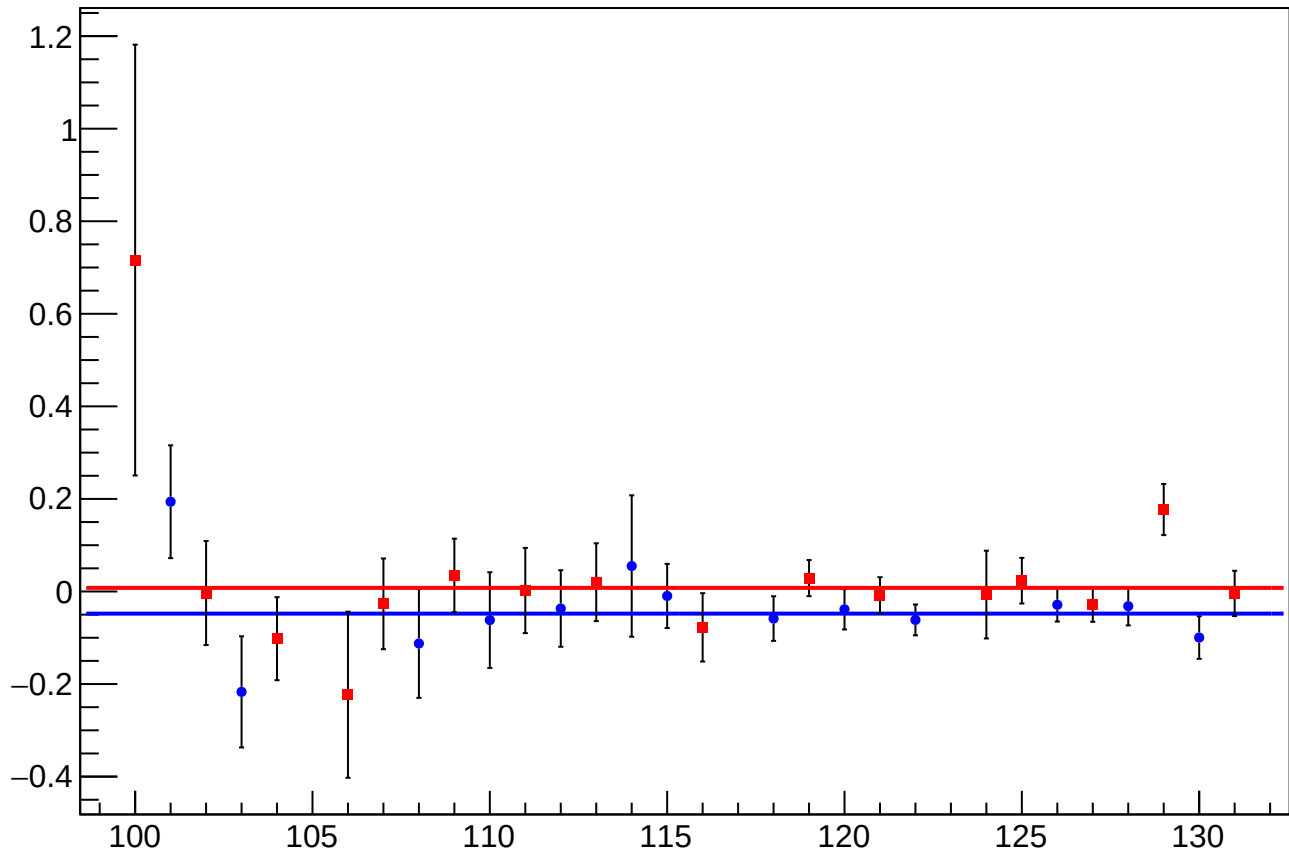
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1174484.8/28

- 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: -0.048 $\pm$ 0.015 χ^2 /NDF: 9.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.008 $\pm$ 0.015 χ^2 /NDF: 18.0/15

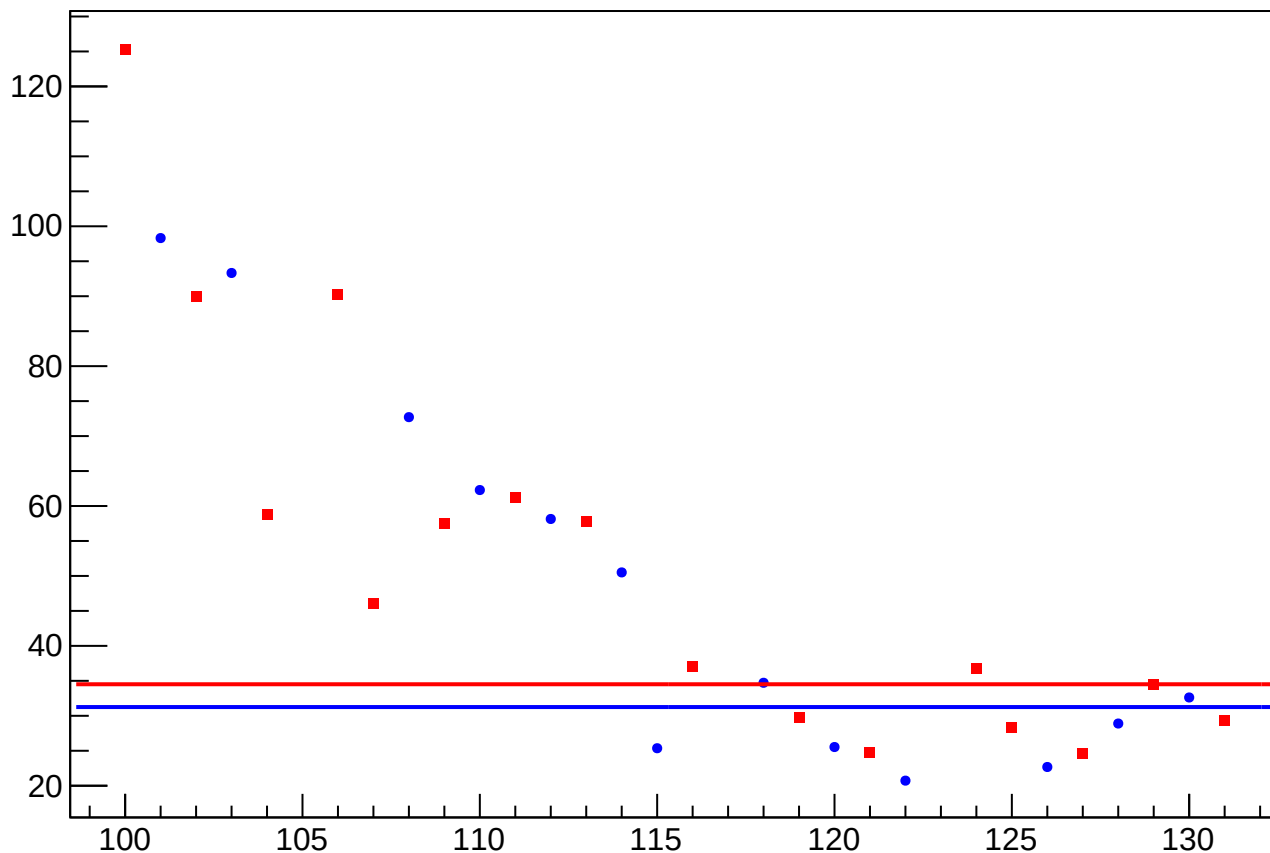
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.020 $\pm$ 0.011 χ^2 /NDF: 33.7/28

- 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: 31.252+/-0.011 χ^2/NDF : 2191948.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.511+/-0.011 χ^2/NDF : 1773580.9/15

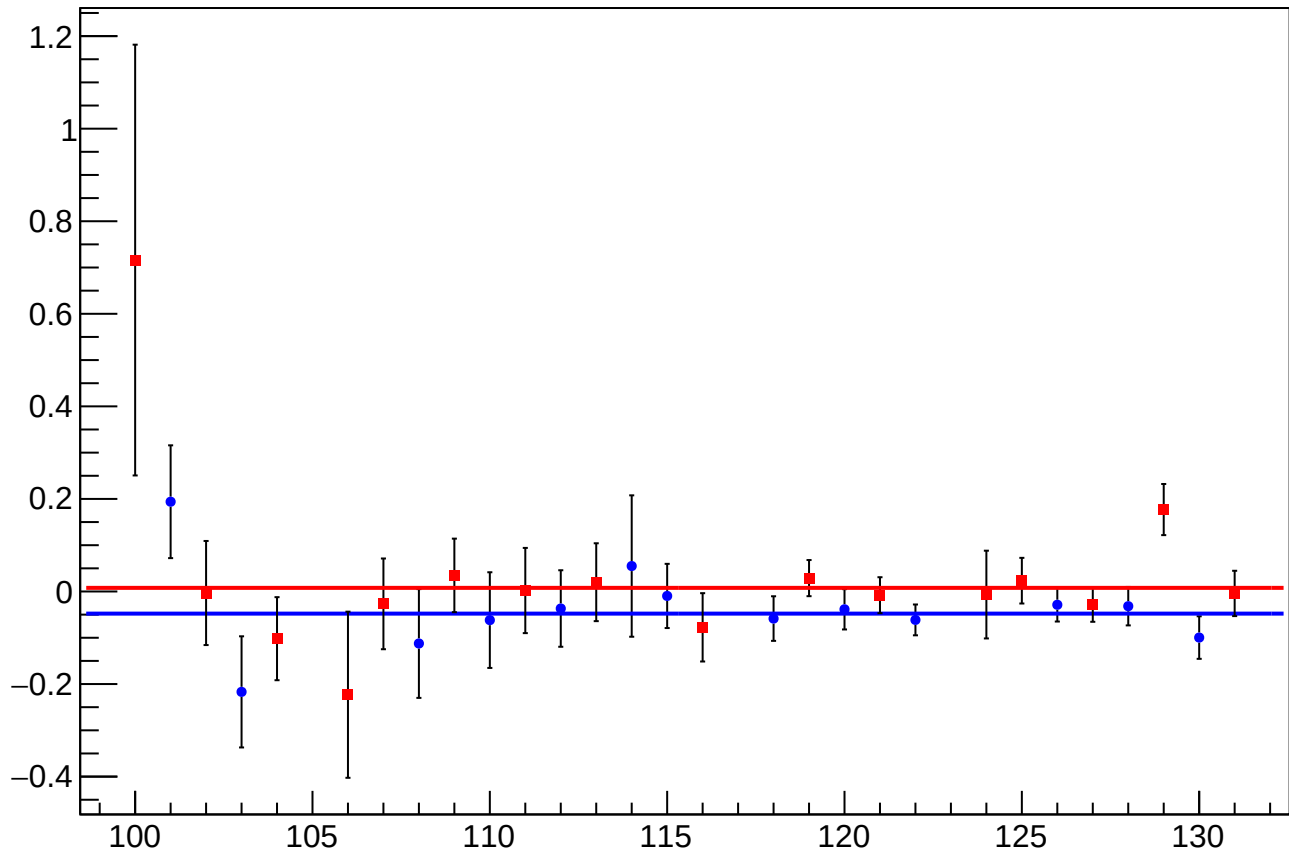
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.859+/-0.008 χ^2/NDF : 4011362.7/28

- 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: -0.048 $\pm$ 0.015 χ^2 /NDF: 9.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.008 $\pm$ 0.015 χ^2 /NDF: 18.0/15

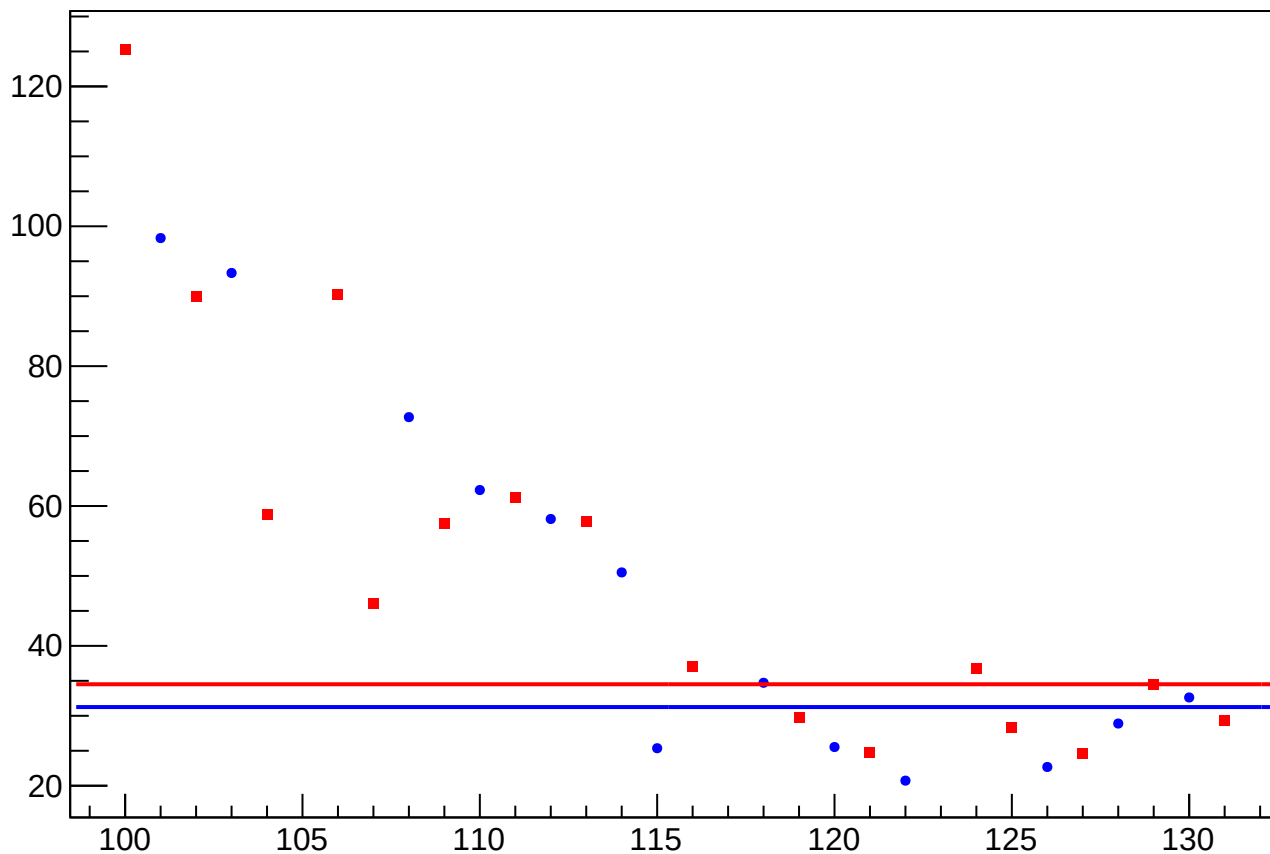
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.020 $\pm$ 0.011 χ^2 /NDF: 33.7/28

- 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: 31.252 $\pm$ 0.011 χ^2 /NDF: 2191948.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 34.511 $\pm$ 0.011 χ^2 /NDF: 1773580.9/15

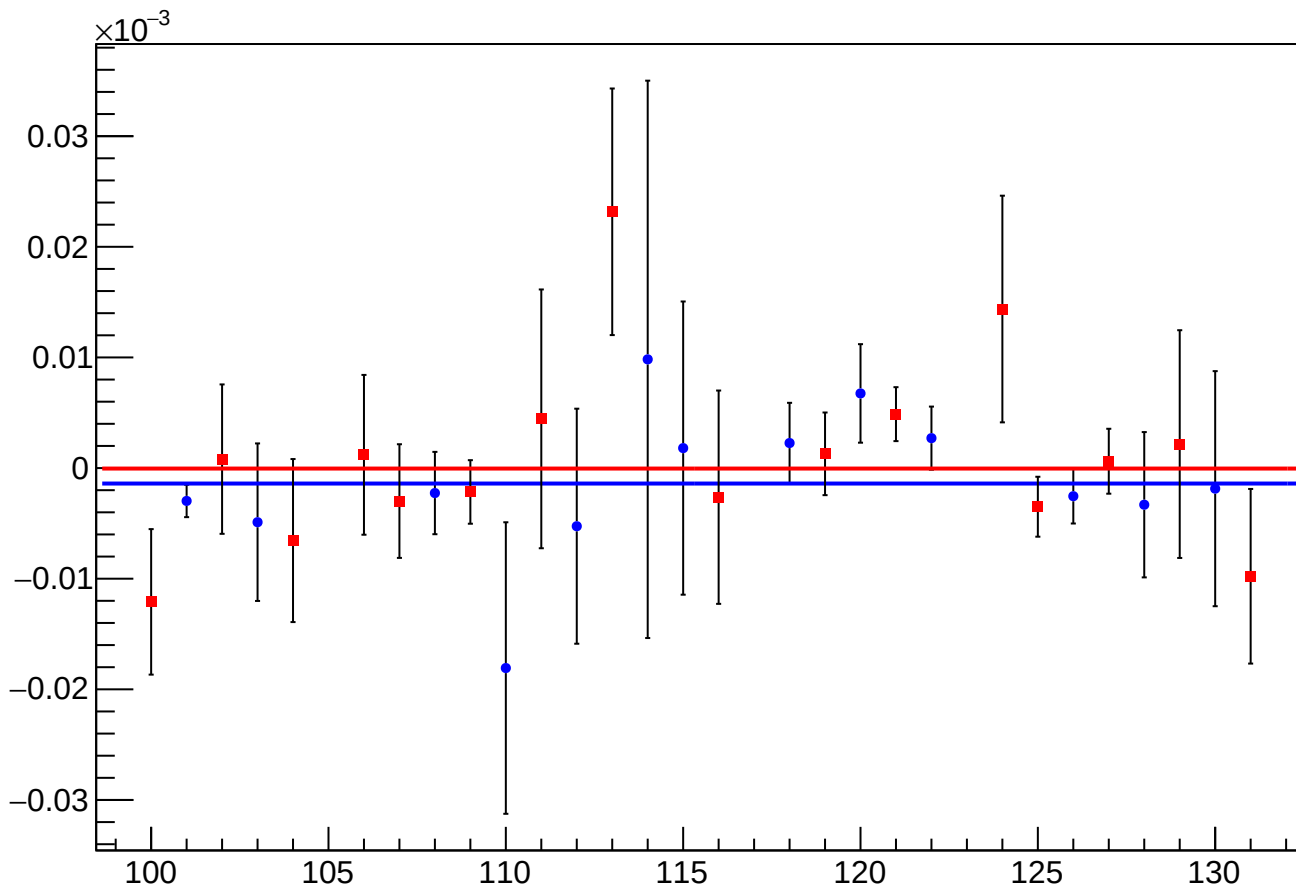
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.859 $\pm$ 0.008 χ^2 /NDF: 4011362.7/28

- sign 0.000 $\pm$ 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 $\pm$ 0.000 χ^2 /NDF: 10.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 19.0/15

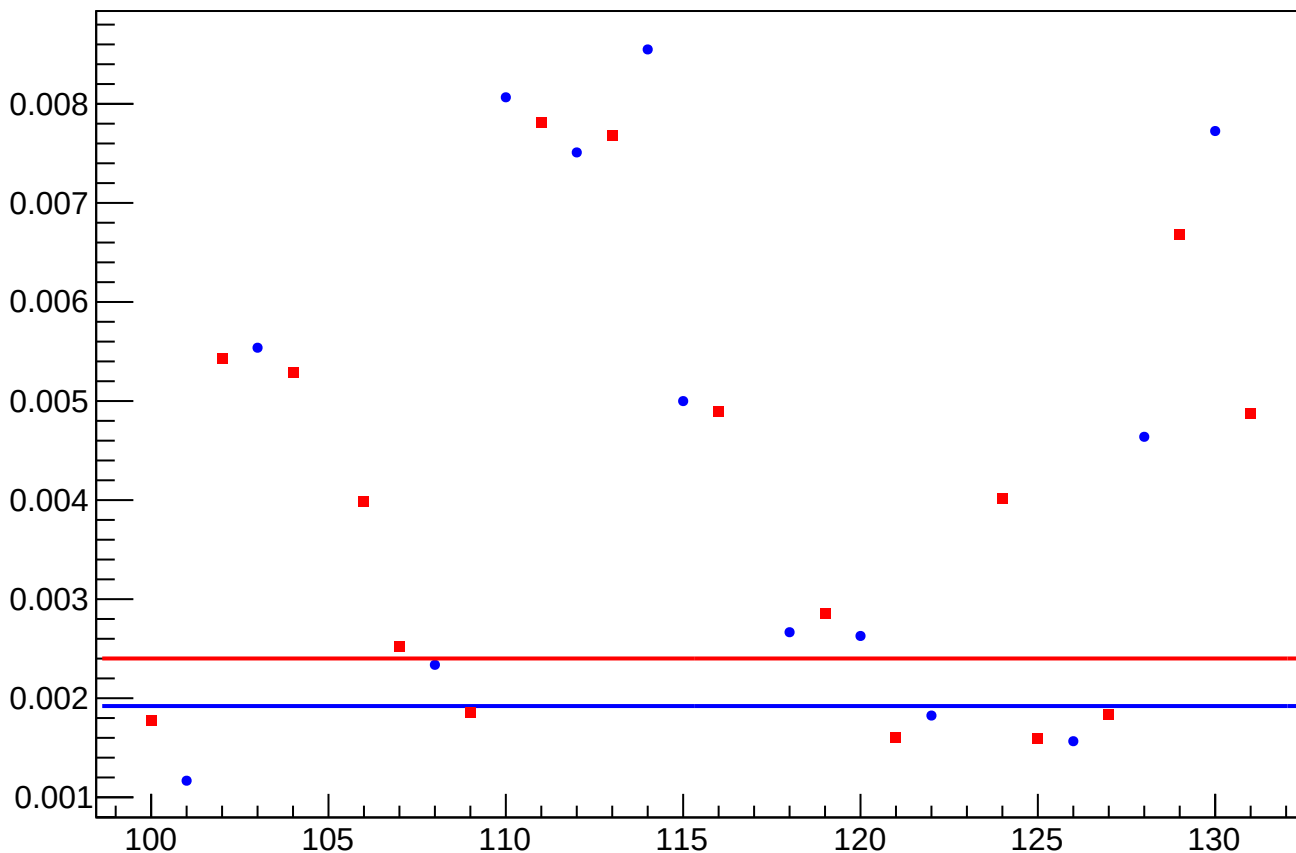
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 30.0/28

- sign 0.000 $\pm$ 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 : 3423117.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2997415.8/15

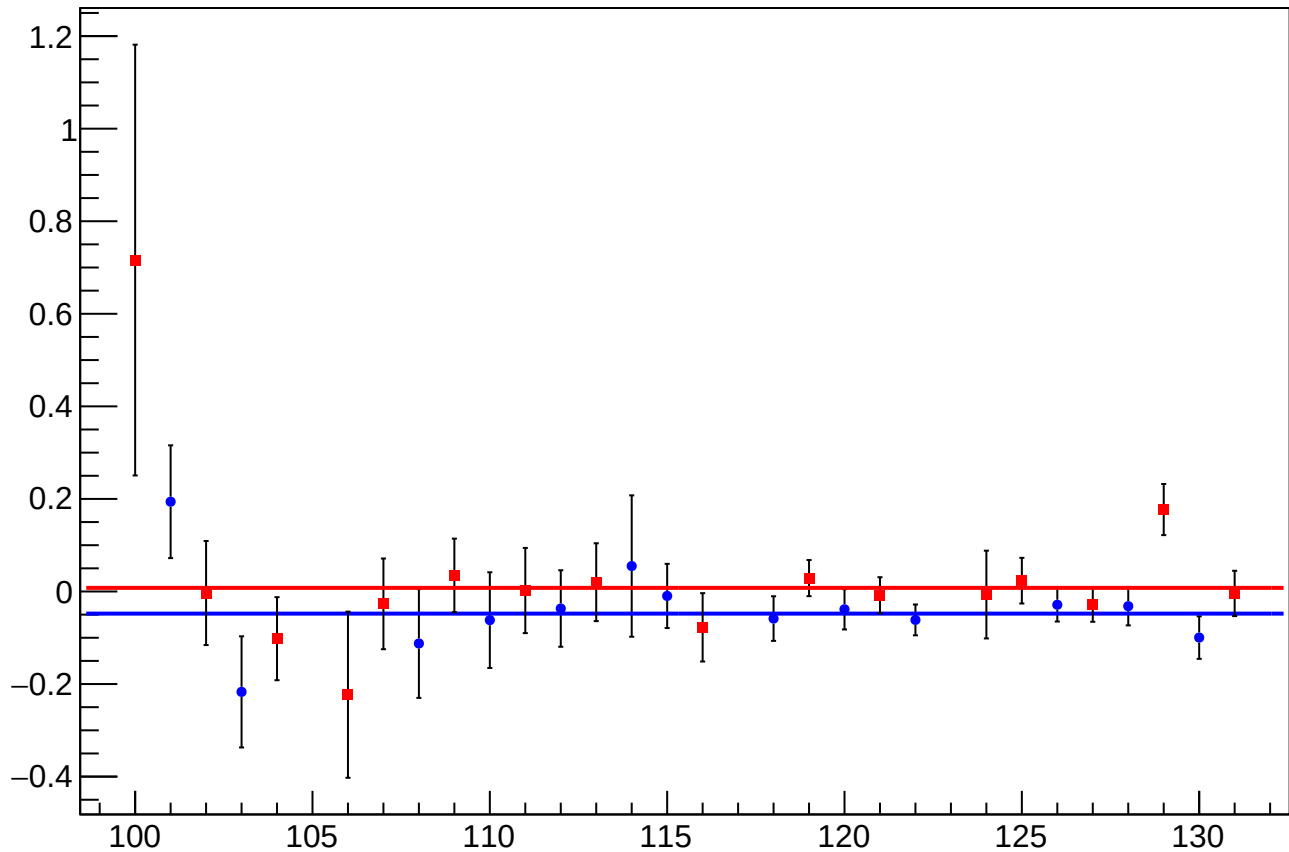
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6627039.4/28

- 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: -0.048 $\pm$ 0.015 χ^2 /NDF: 9.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.008 $\pm$ 0.015 χ^2 /NDF: 18.0/15

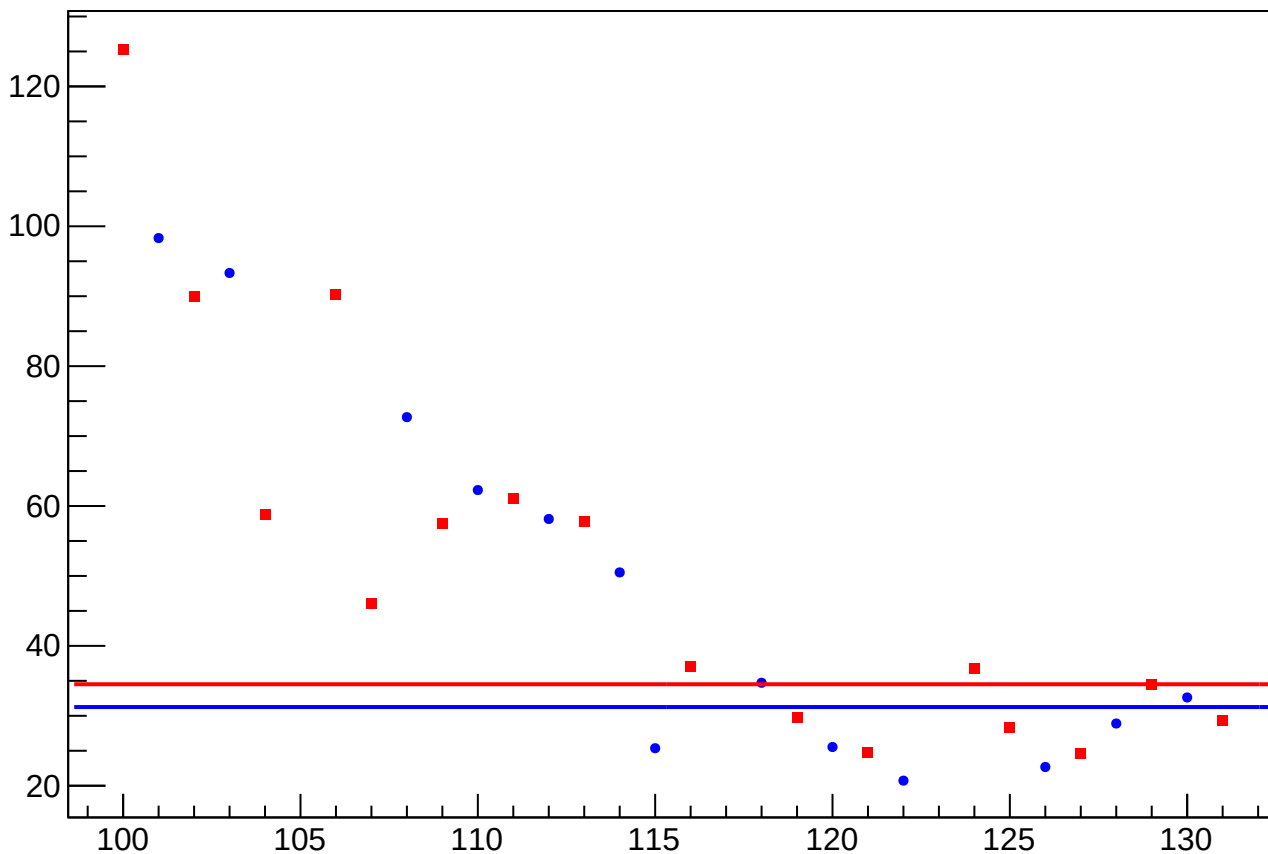
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.020 $\pm$ 0.011 χ^2 /NDF: 33.7/28

- 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: 31.252+/-0.011 χ^2/NDF : 2191921.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.512+/-0.011 χ^2/NDF : 1773492.3/15

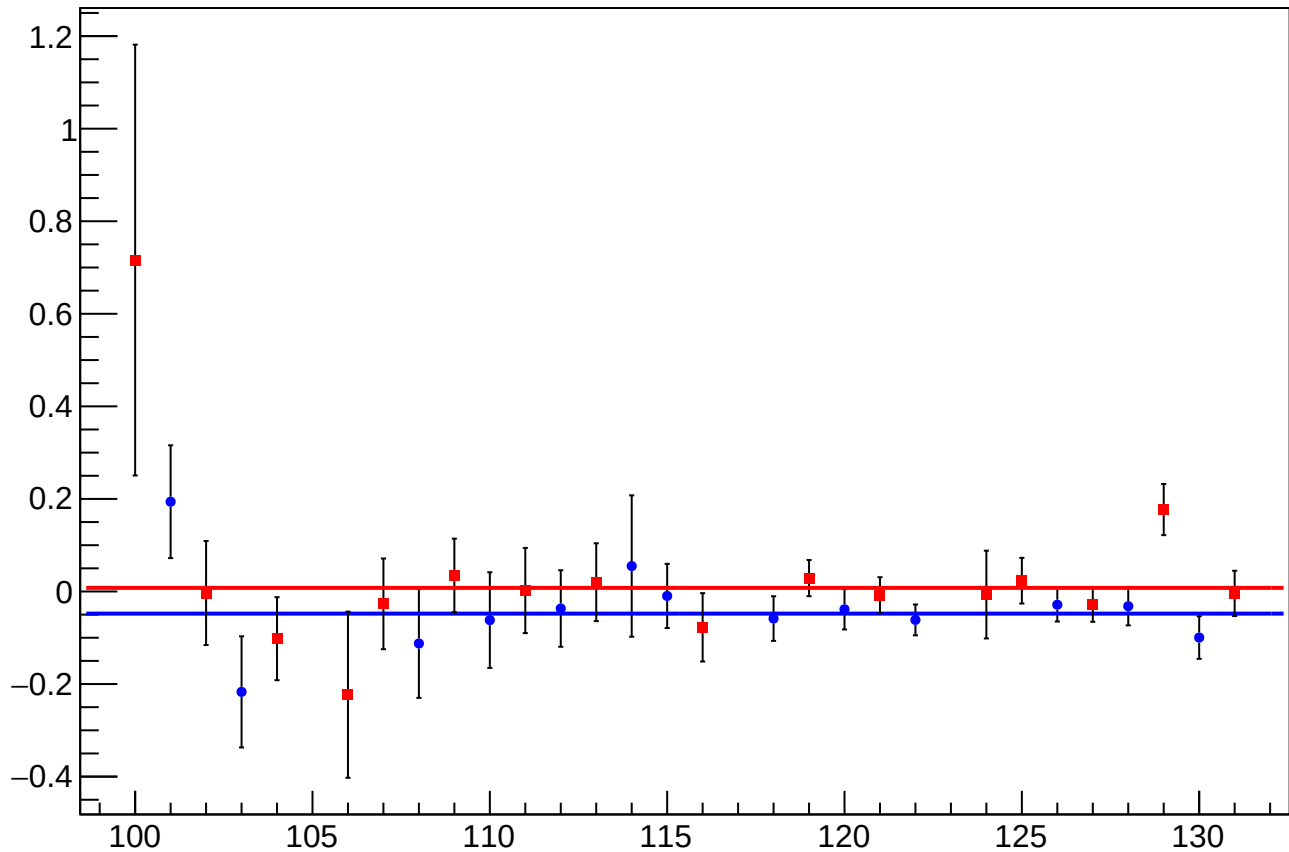
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.859+/-0.008 χ^2/NDF : 4011251.9/28

- 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: -0.048 $\pm$ 0.015 χ^2 /NDF: 9.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.008 $\pm$ 0.015 χ^2 /NDF: 18.0/15

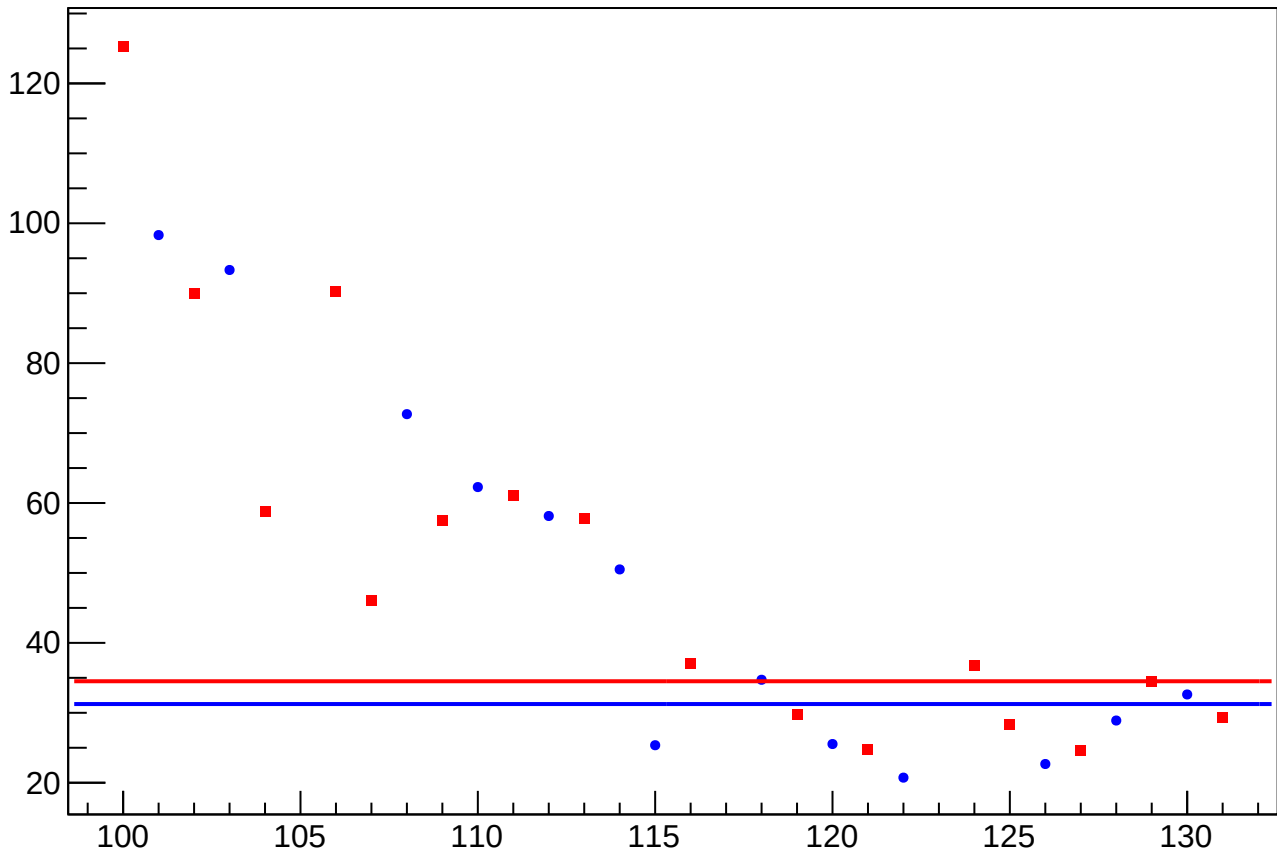
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.020 $\pm$ 0.011 χ^2 /NDF: 33.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 31.252+/-0.011 χ^2/NDF : 2191921.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.512+/-0.011 χ^2/NDF : 1773492.3/15

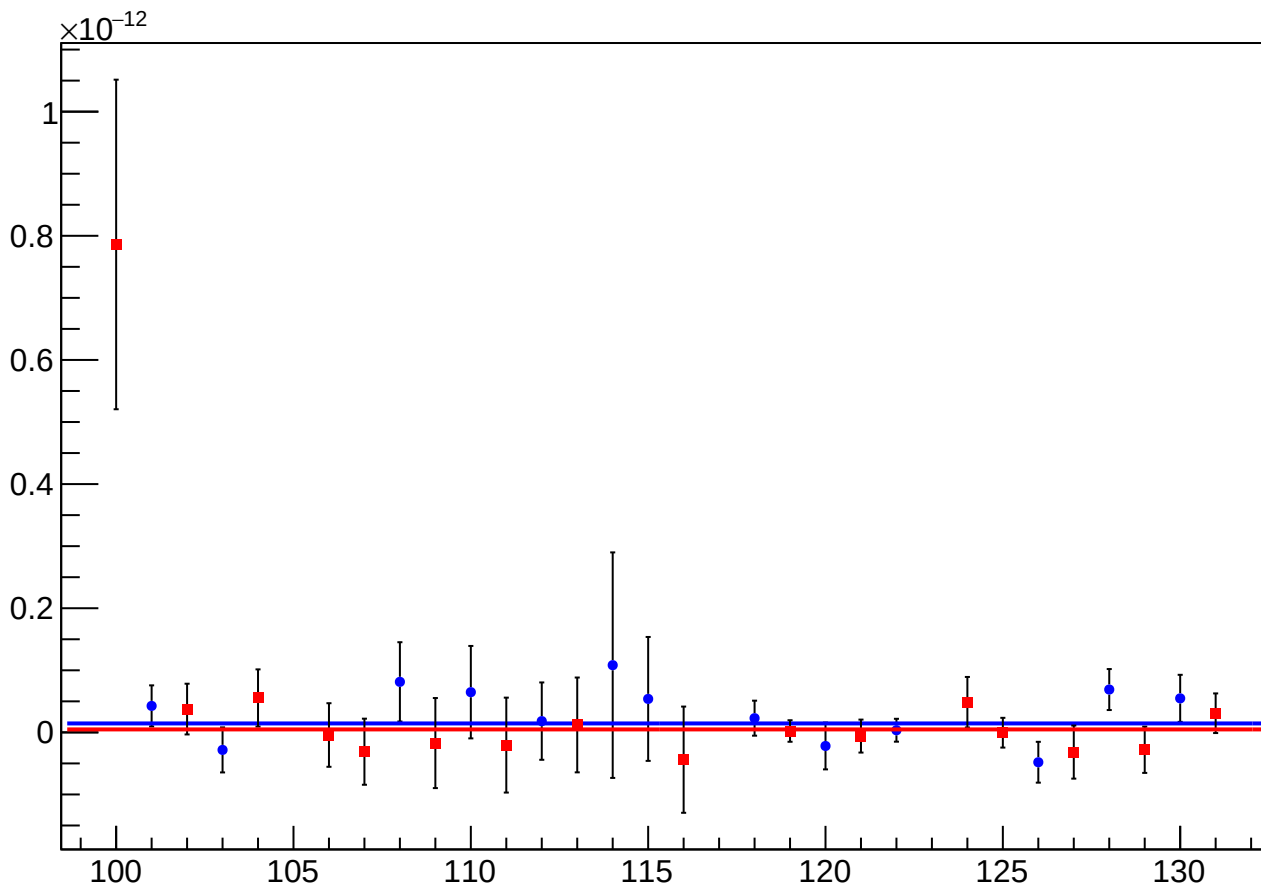
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.859+/-0.008 χ^2/NDF : 4011251.9/28

- 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: 13.0/12

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

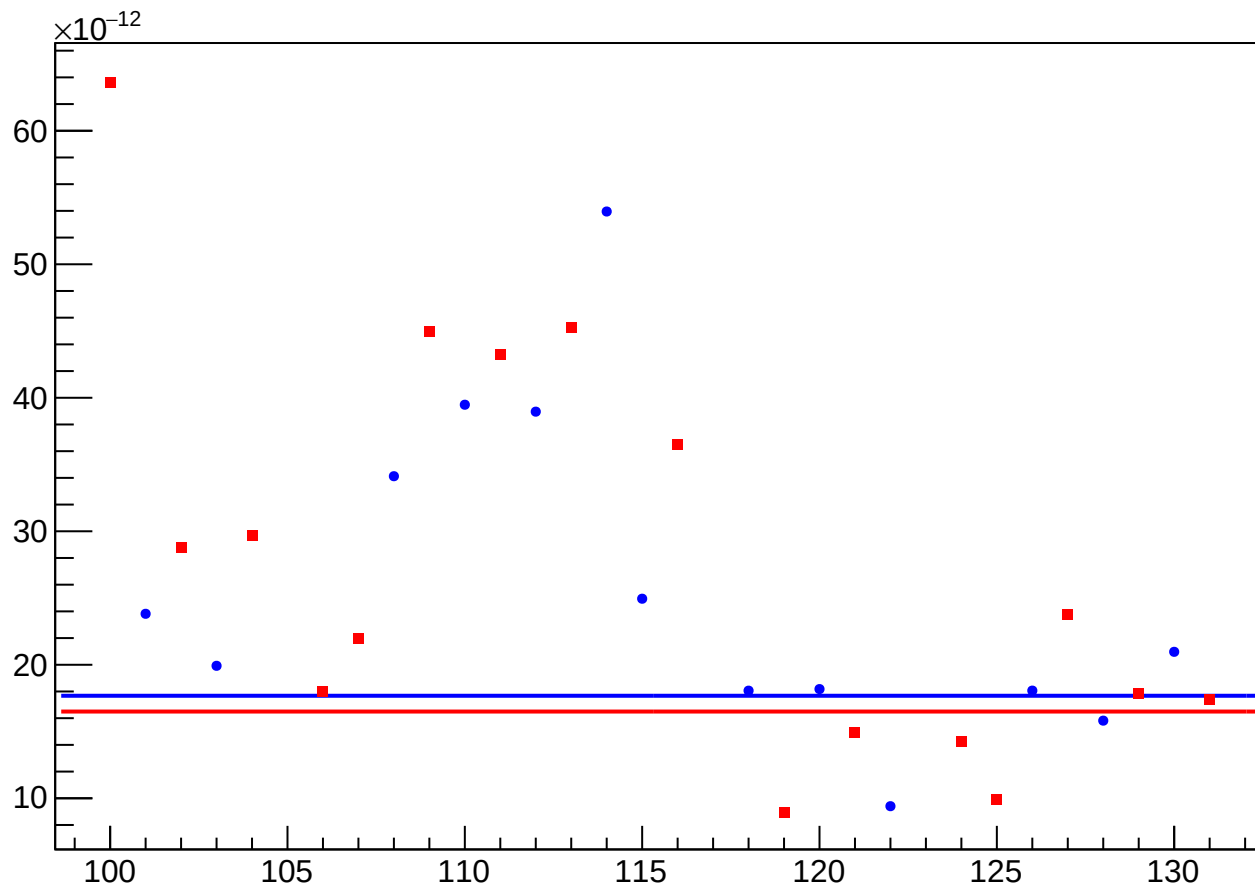
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 28.6/28

- 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 : 1129466.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1982854.8/15

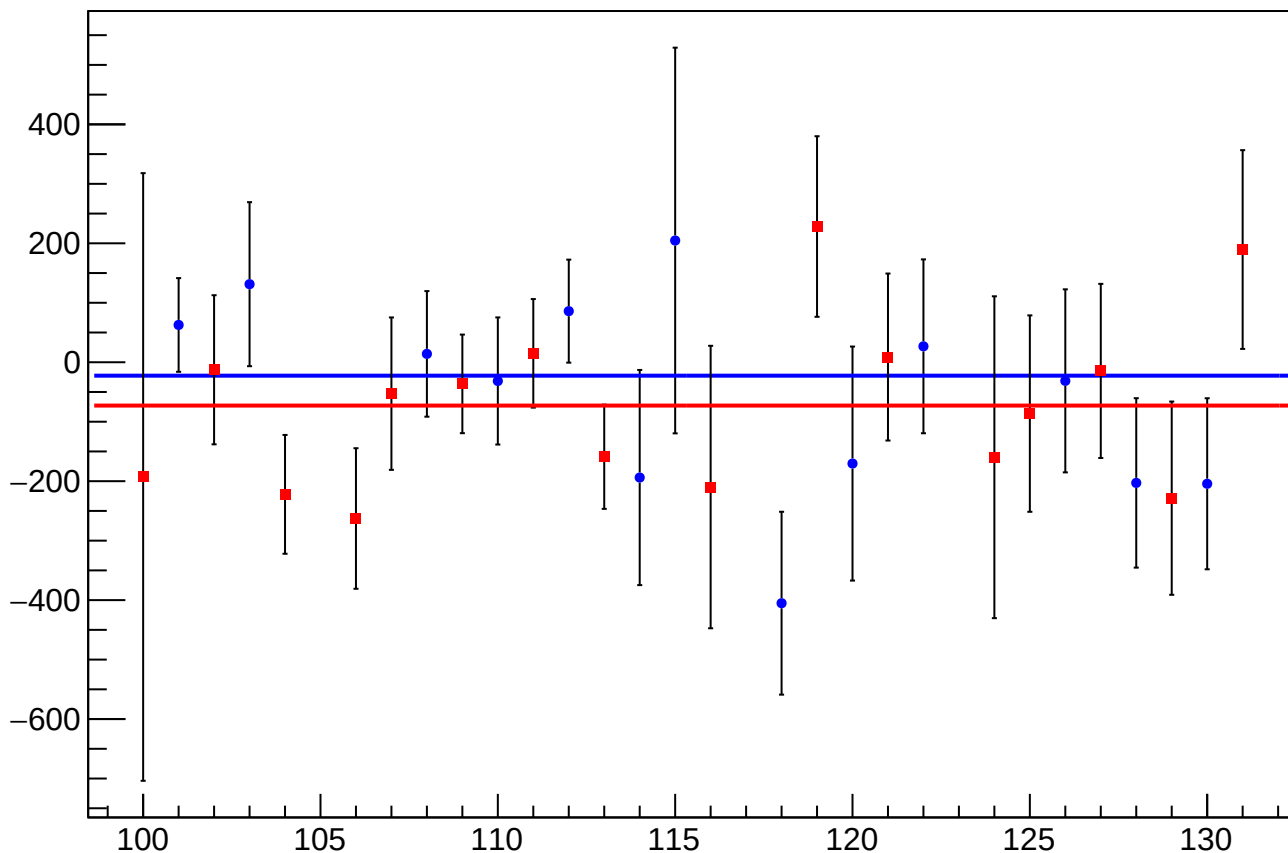
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3127402.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_mean vs Slug



Right In: -22.577 ± 34.941 χ^2/NDF : 15.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -72.860 ± 31.971 χ^2/NDF : 15.5/15

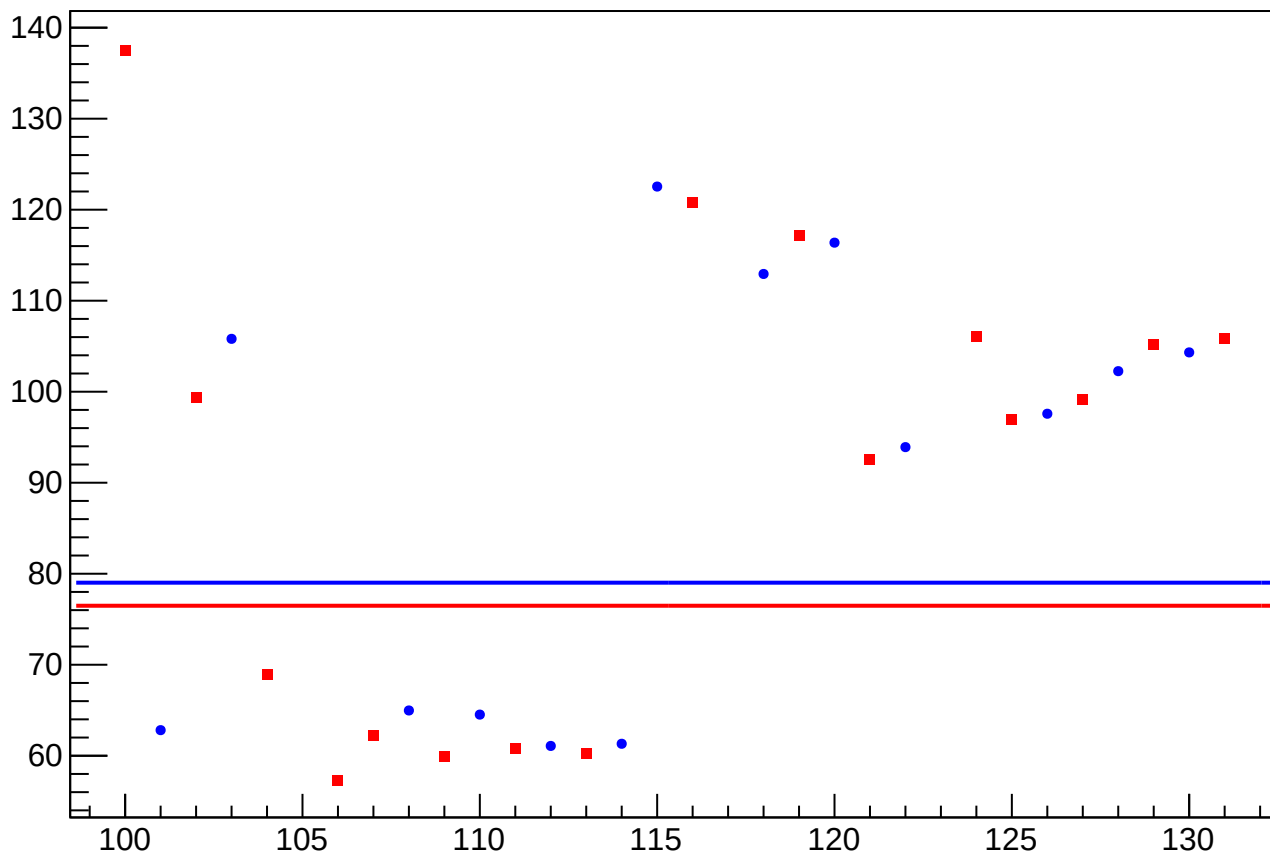
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -49.946 ± 23.587 χ^2/NDF : 32.2/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_rms vs Slug



Right In: 79.017+/-0.025 χ^2/NDF : 707691.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.483+/-0.023 χ^2/NDF : 857087.3/15

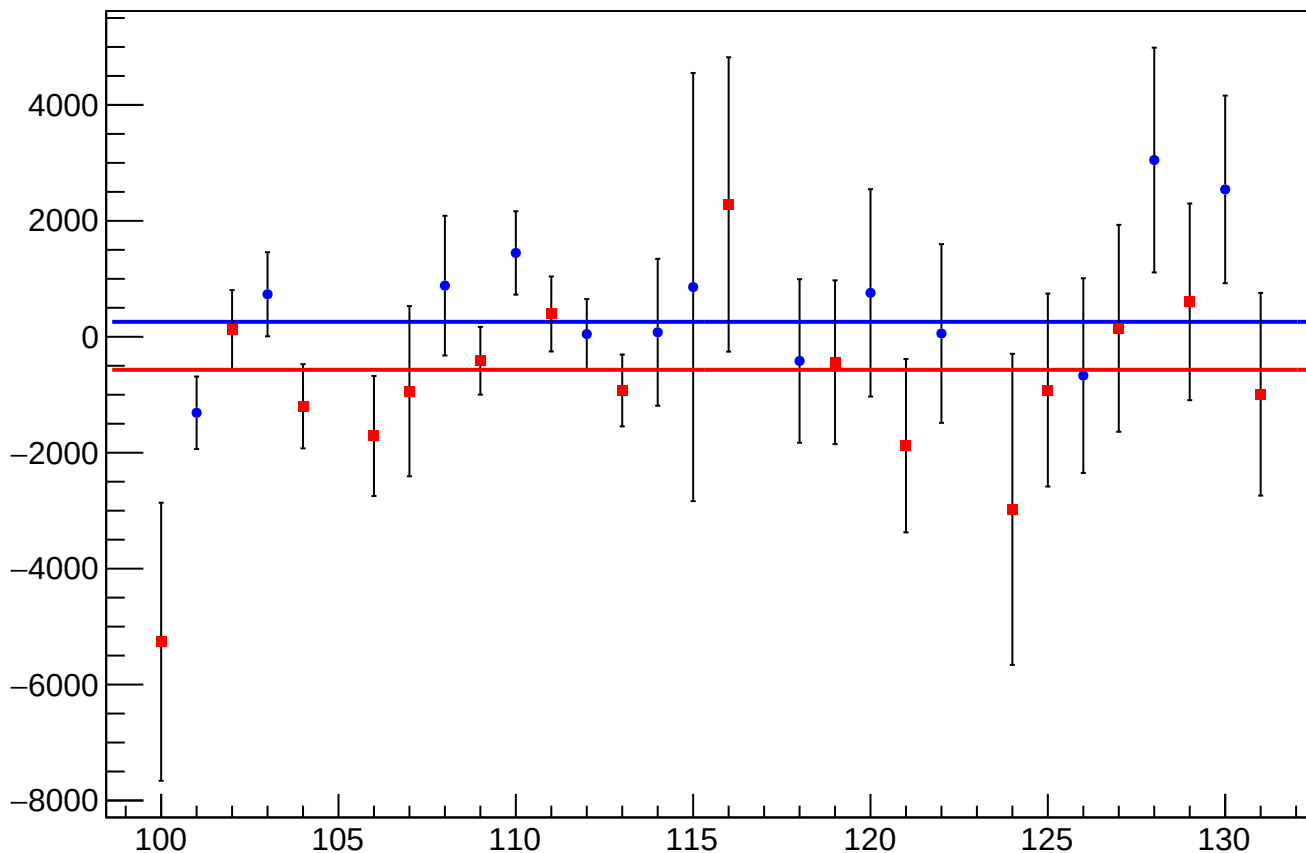
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.637+/-0.017 χ^2/NDF : 1570503.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_reg_correction_mean vs Slug



Right In: 257.593 $\pm$ 280.069 χ^2 /NDF: 14.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -569.621 $\pm$ 249.188 χ^2 /NDF: 13.1/15

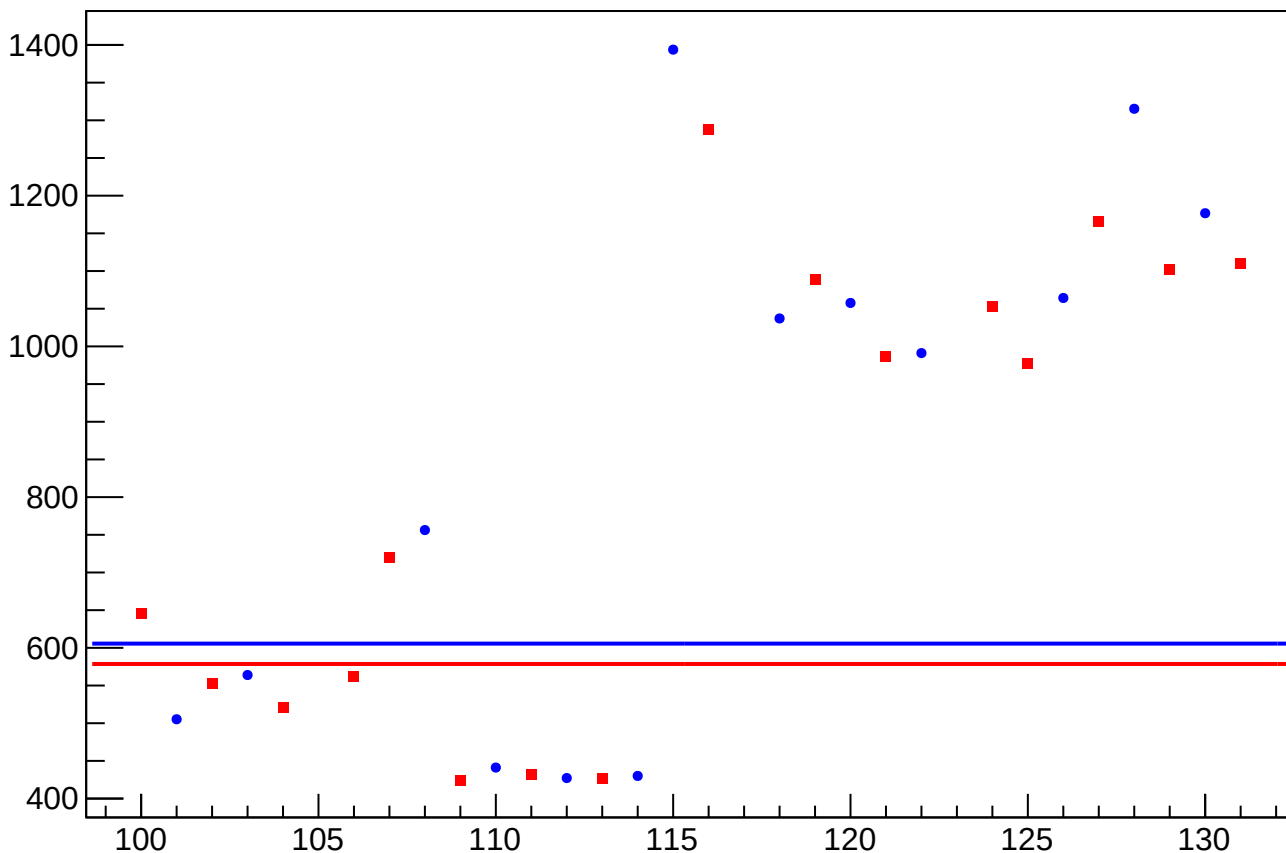
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -204.117 $\pm$ 186.167 χ^2 /NDF: 32.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_reg_correction_rms vs Slug



Right In: 605.633+/-0.198 χ^2/NDF : 1603864.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 578.588+/-0.176 χ^2/NDF : 1733611.8/15

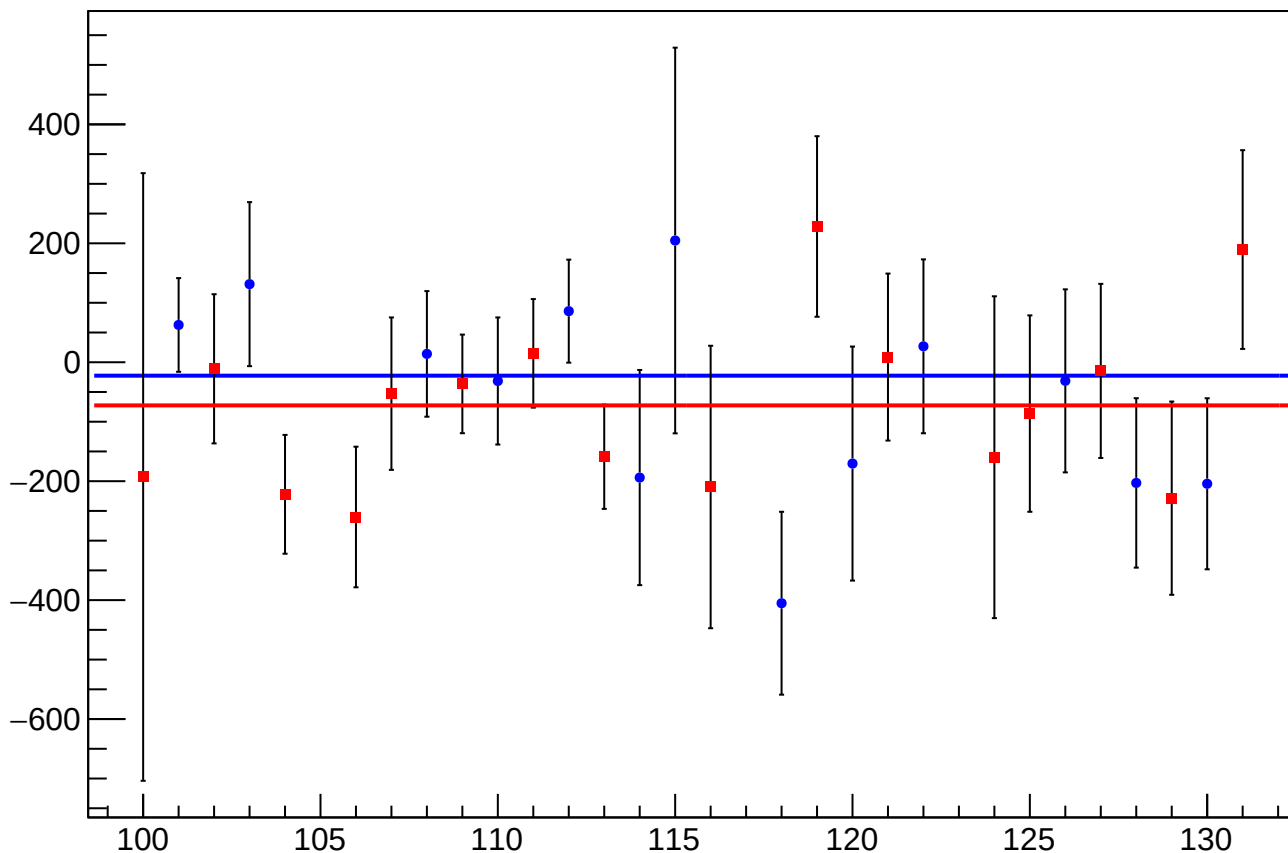
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 590.538+/-0.132 χ^2/NDF : 3347885.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_1548_avg_mean vs Slug



Right In: -22.582 $\pm$ 34.941 χ^2 /NDF: 15.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -72.557 $\pm$ 31.973 χ^2 /NDF: 15.4/15

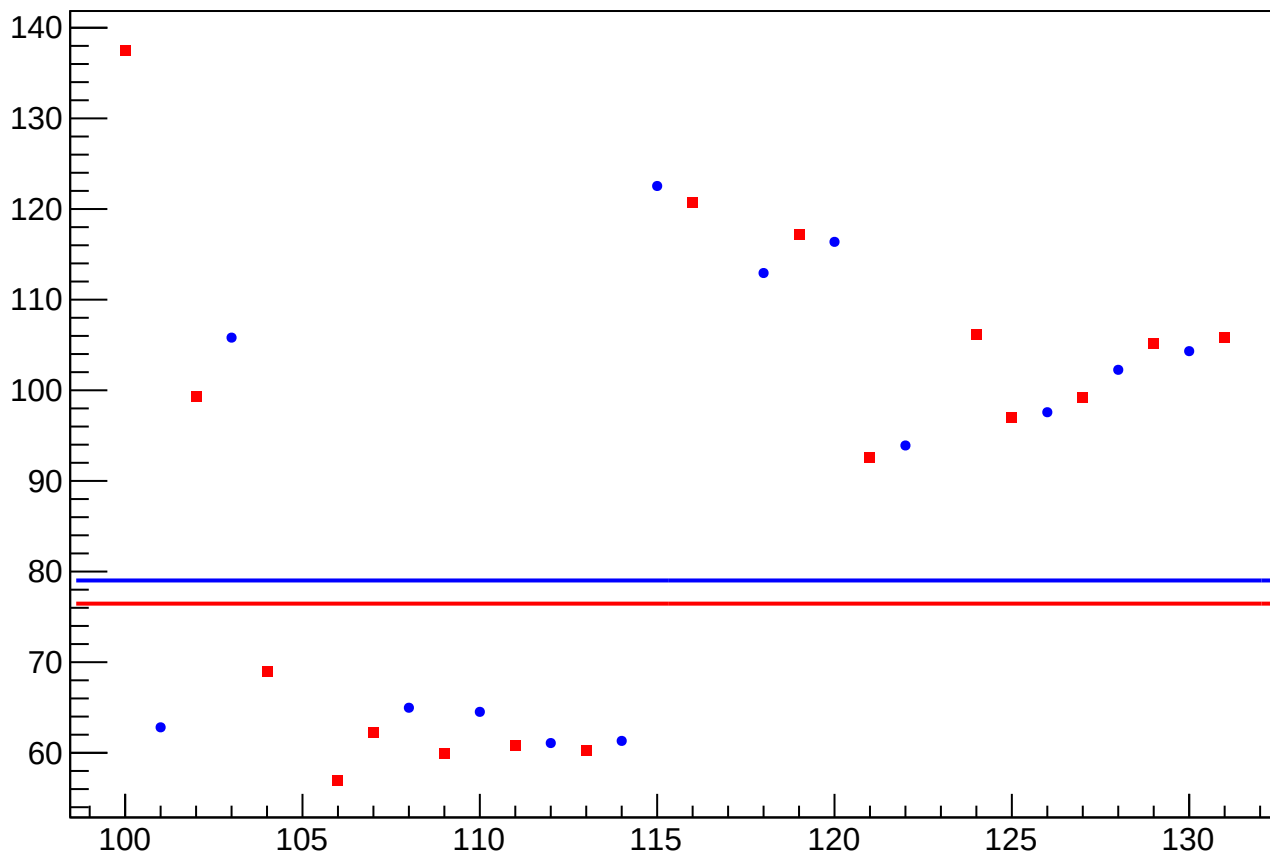
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -49.781 $\pm$ 23.588 χ^2 /NDF: 32.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_1548_avg_rms vs Slug



Right In: 79.017+/-0.025 χ^2/NDF : 707693.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.461+/-0.023 χ^2/NDF : 859073.5/15

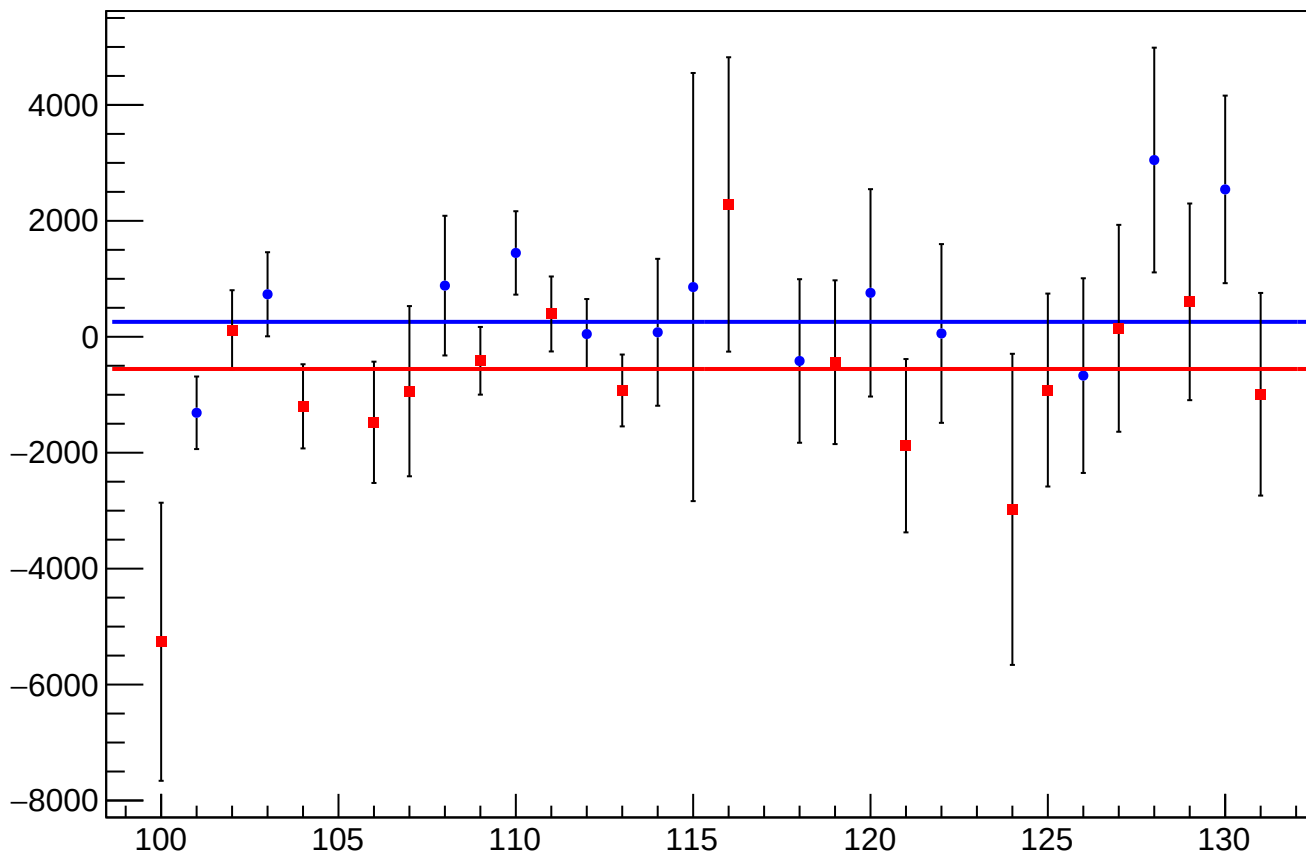
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.626+/-0.017 χ^2/NDF : 1572589.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_cor_correction_mean vs Slug



Right In: 257.567 $\pm$ 280.074 χ^2 /NDF: 14.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -555.497 $\pm$ 249.357 χ^2 /NDF: 12.6/15

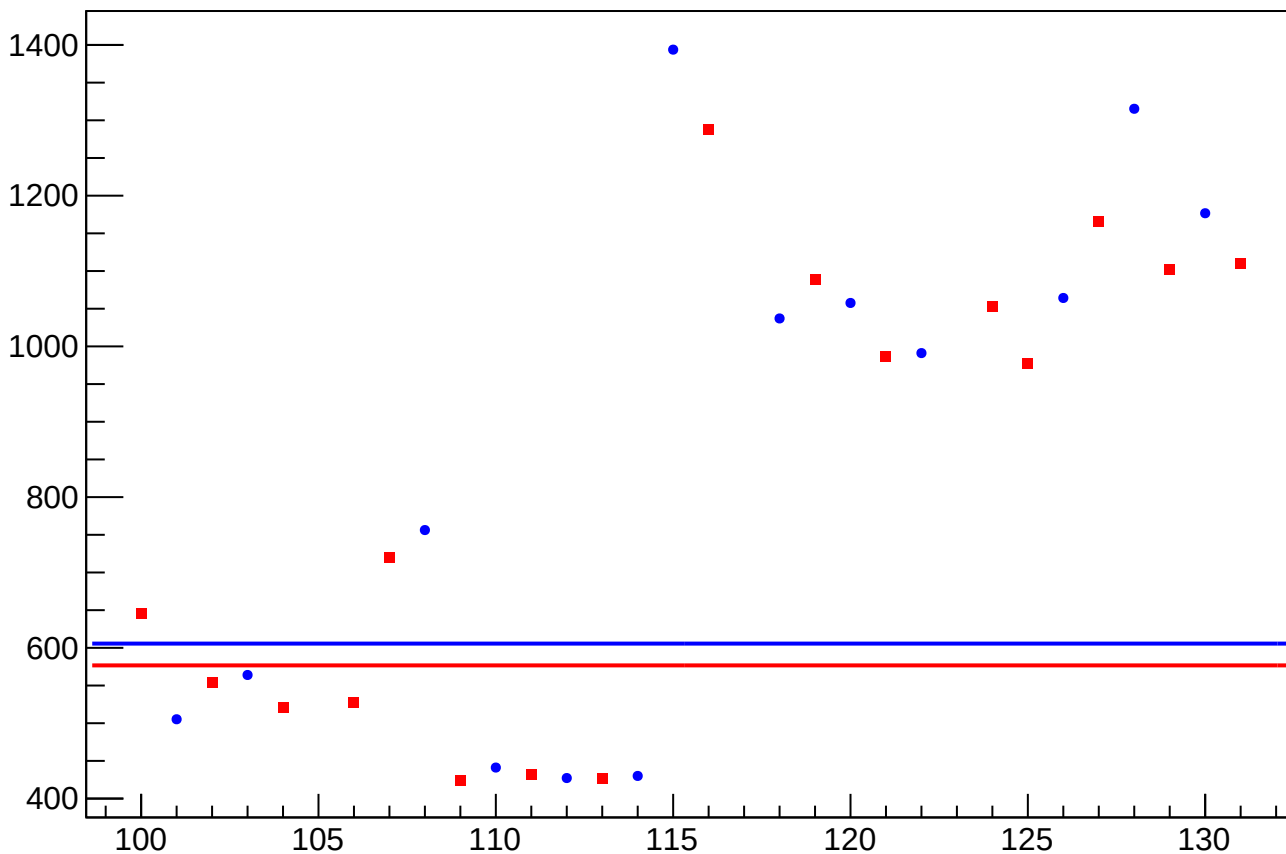
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -195.979 $\pm$ 186.239 χ^2 /NDF: 31.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_cor_correction_rms vs Slug



Right In: 605.643+/-0.198 χ^2/NDF : 1603843.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

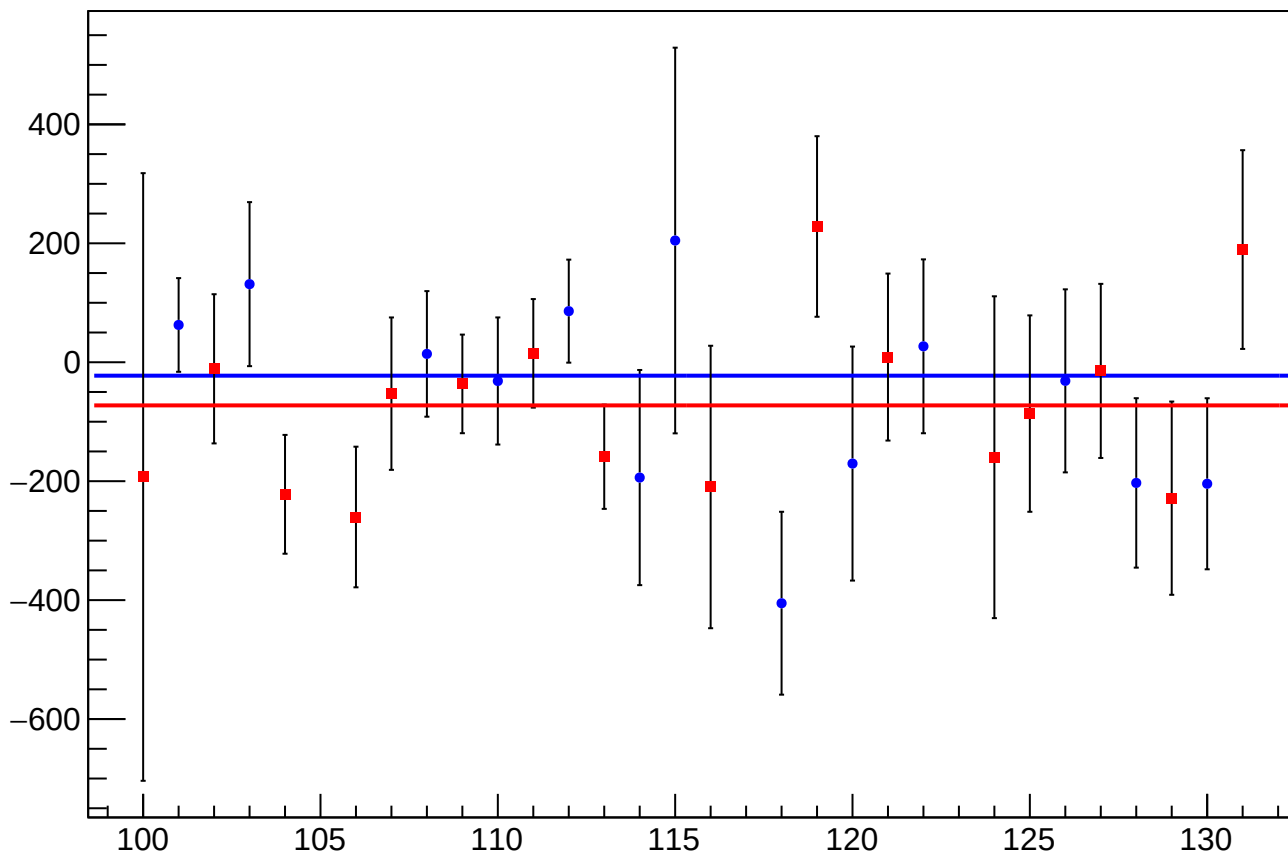
Right Out: 576.723+/-0.176 χ^2/NDF : 1737660.8/15

All: 589.511+/-0.132 χ^2/NDF : 3353399.1/28

- 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: -22.582 ± 34.941 χ^2/NDF : 15.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -72.557 ± 31.973 χ^2/NDF : 15.4/15

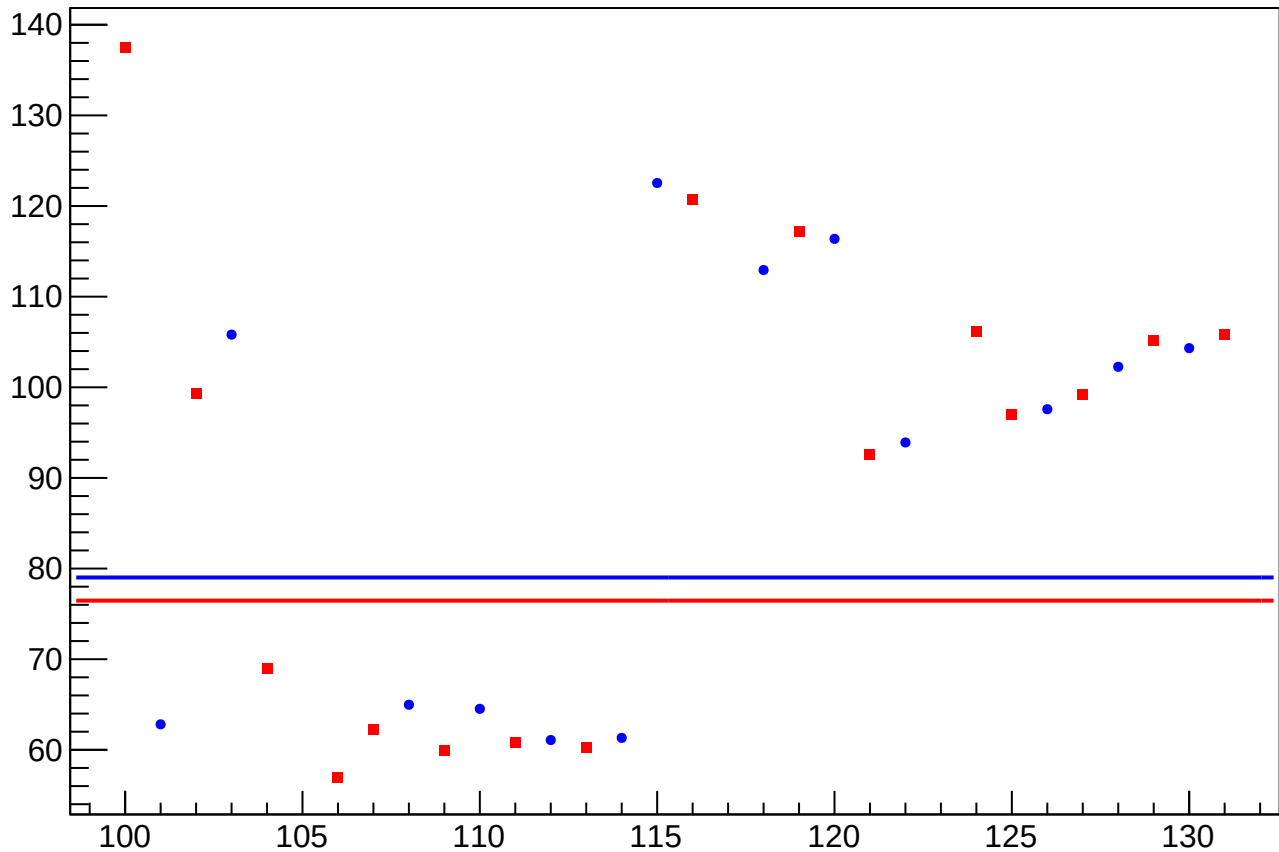
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -49.781 ± 23.588 χ^2/NDF : 32.1/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_1548_avg_rms vs Slug



Right In: 79.017 $\pm$ 0.025 χ^2 /NDF: 707693.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 76.461 $\pm$ 0.023 χ^2 /NDF: 859073.5/15

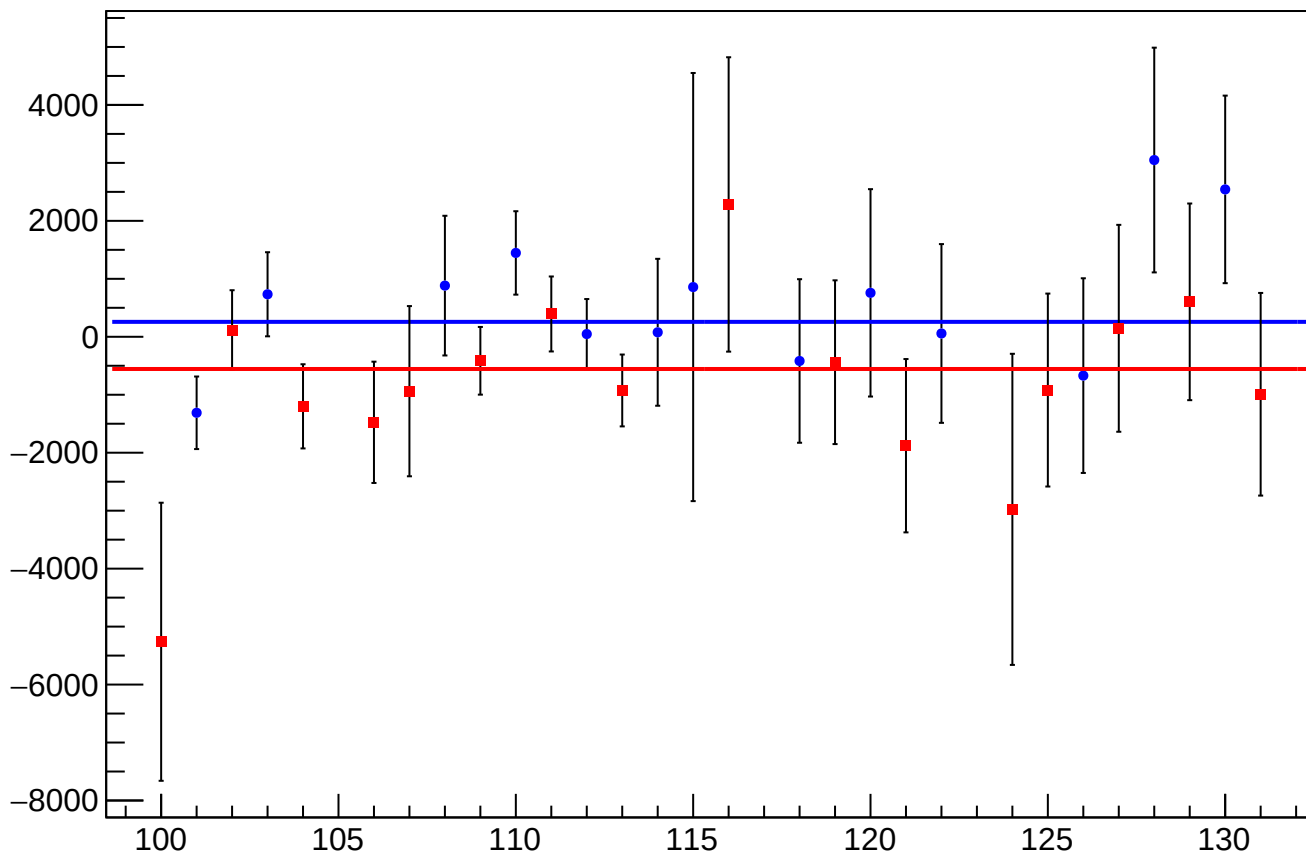
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 77.626 $\pm$ 0.017 χ^2 /NDF: 1572589.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_eigen_cor_correction_mean vs Slug



Right In: 257.567 $\pm$ 280.074 χ^2 /NDF: 14.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -555.497 $\pm$ 249.357 χ^2 /NDF: 12.6/15

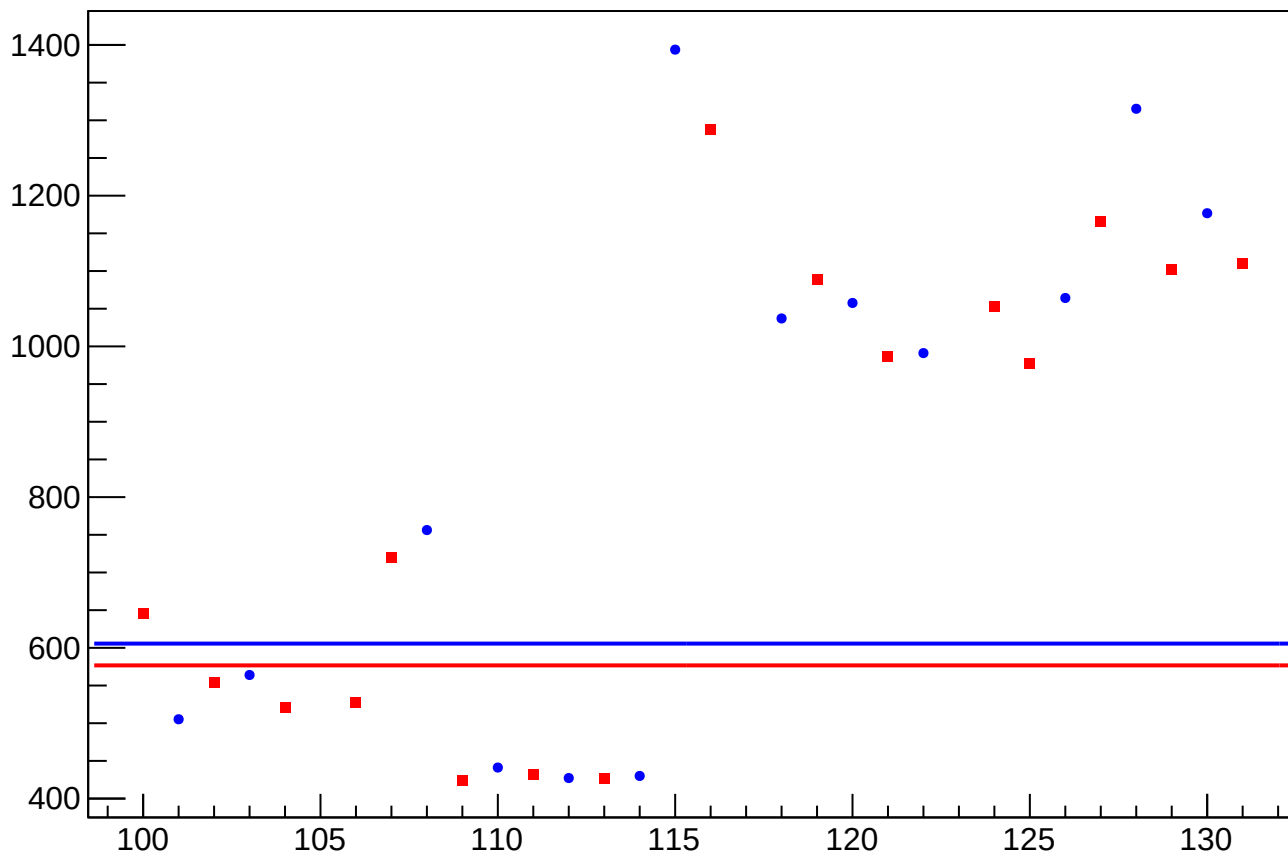
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -195.979 $\pm$ 186.239 χ^2 /NDF: 31.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_eigen_cor_correction_rms vs Slug



Right In: 605.643+/-0.198 χ^2/NDF : 1603843.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 576.723+/-0.176 χ^2/NDF : 1737660.8/15

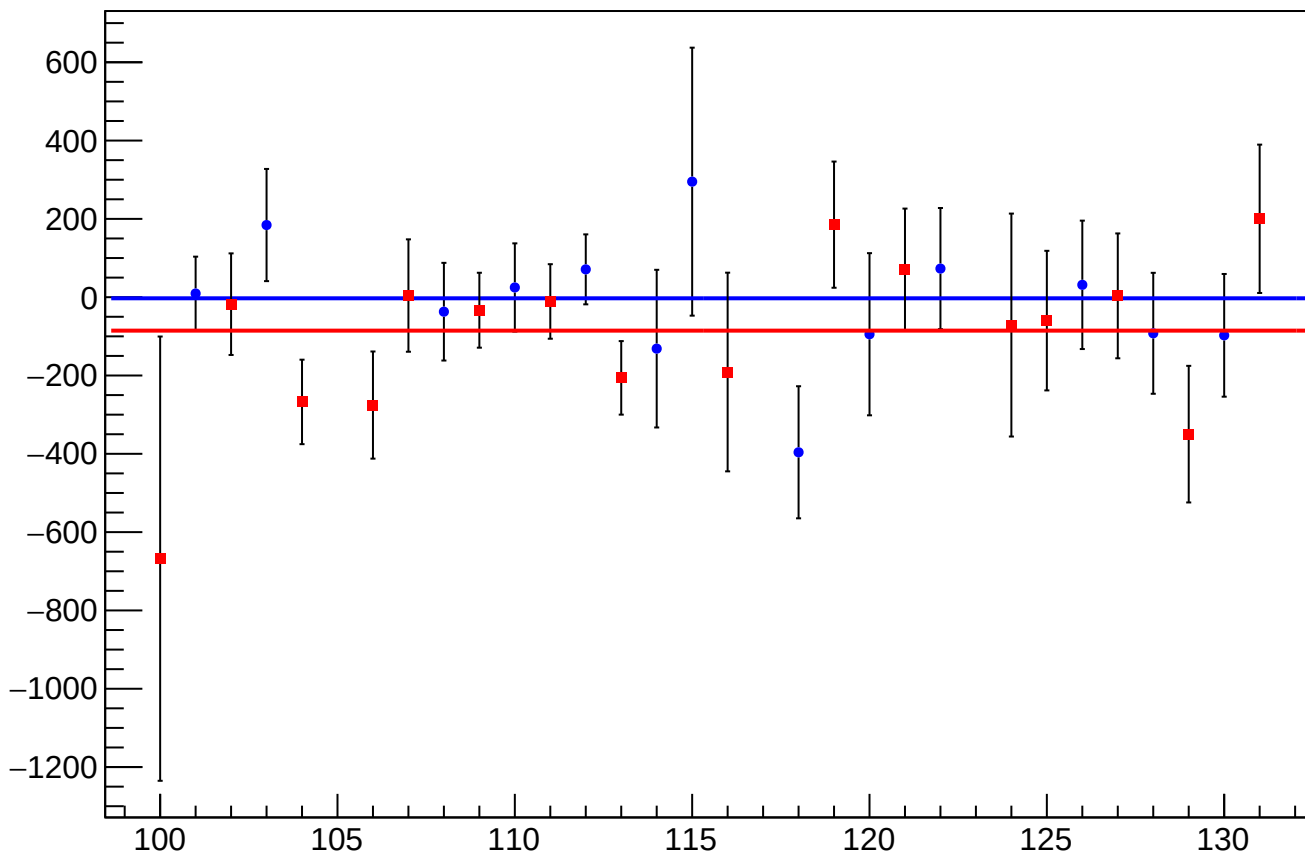
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 589.511+/-0.132 χ^2/NDF : 3353399.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1548_avg_mean vs Slug



Right In: -2.820+/-38.255 χ^2/NDF : 10.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -85.401+/-34.862 χ^2/NDF : 18.0/15

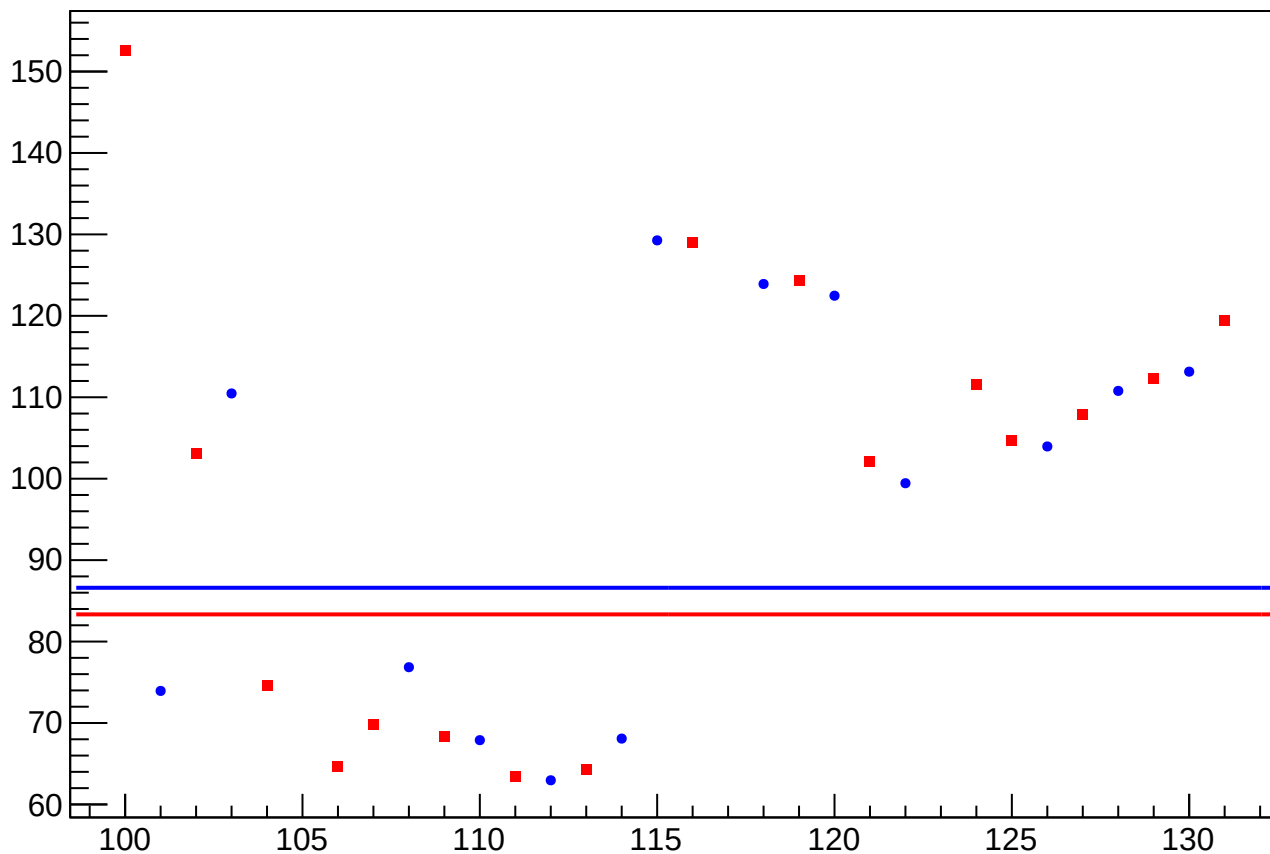
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.935+/-25.767 χ^2/NDF : 30.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1548_avg_rms vs Slug



Right In: 86.605 ± 0.027 χ^2/NDF : 647585.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 83.337 ± 0.025 χ^2/NDF : 809905.7/15

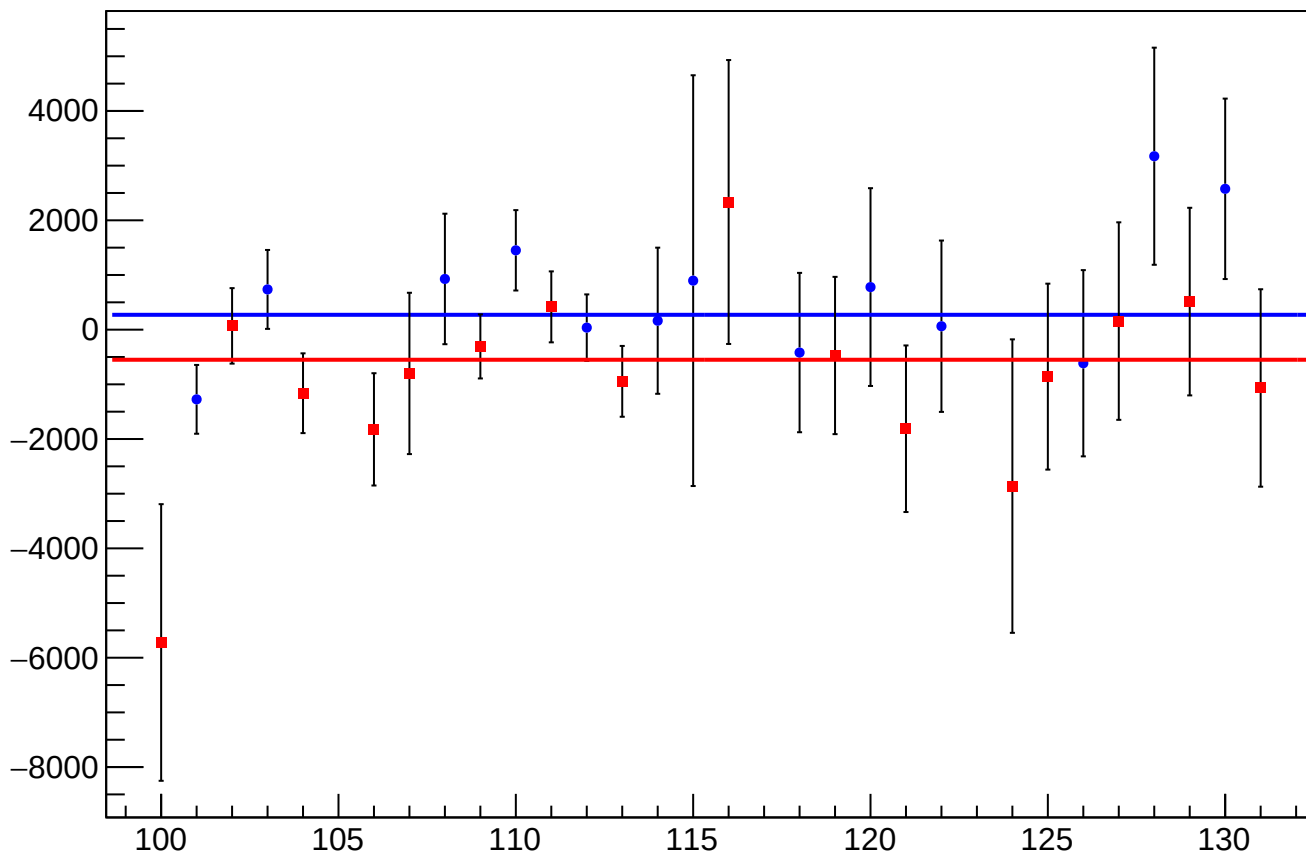
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 84.820 ± 0.018 χ^2/NDF : 1465465.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_dit_correction_mean vs Slug



Right In: 271.759 $\pm$ 283.008 χ^2 /NDF: 14.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -550.394 $\pm$ 252.296 χ^2 /NDF: 13.3/15

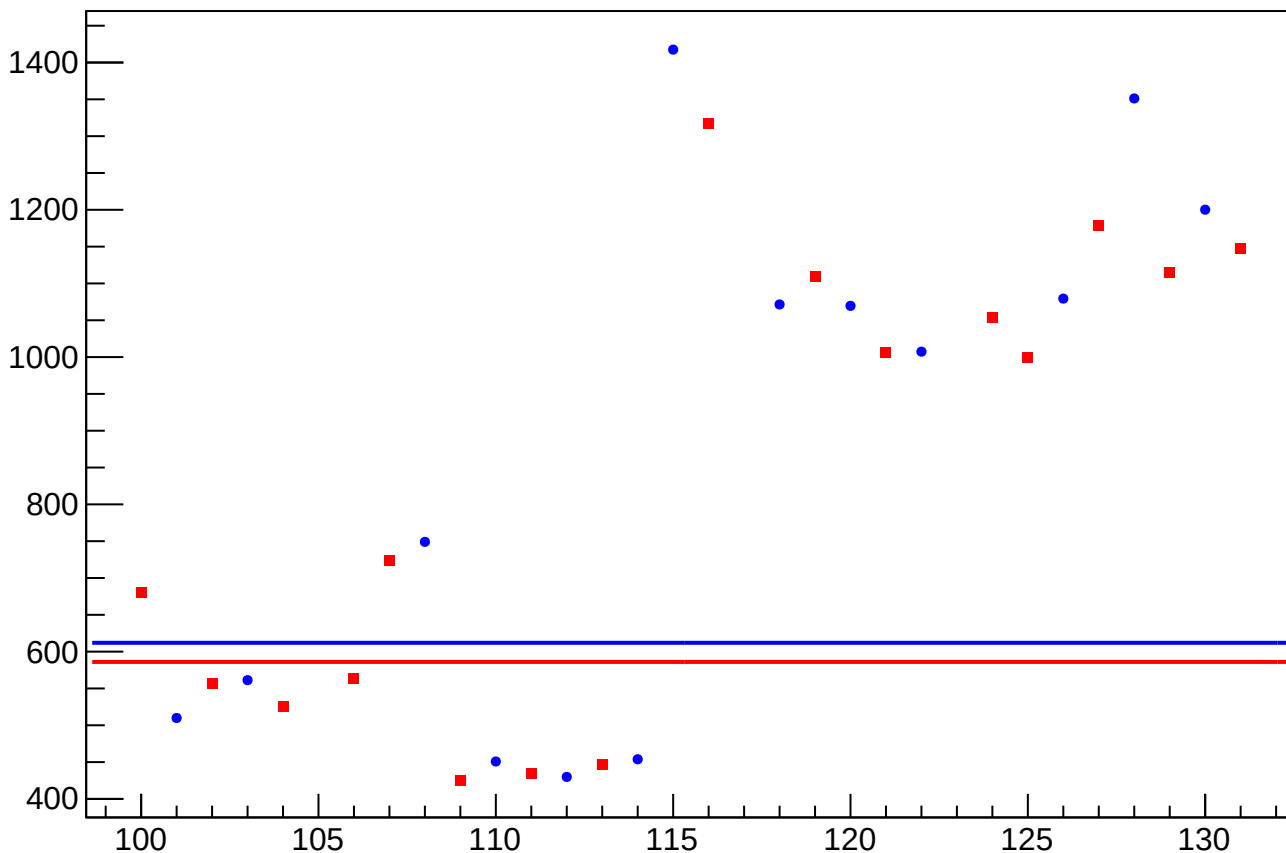
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -186.333 $\pm$ 188.326 χ^2 /NDF: 32.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_dit_correction_rms vs Slug



Right In: 612.012+/-0.200 χ^2/NDF : 1620698.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 586.022+/-0.178 χ^2/NDF : 1744005.1/15

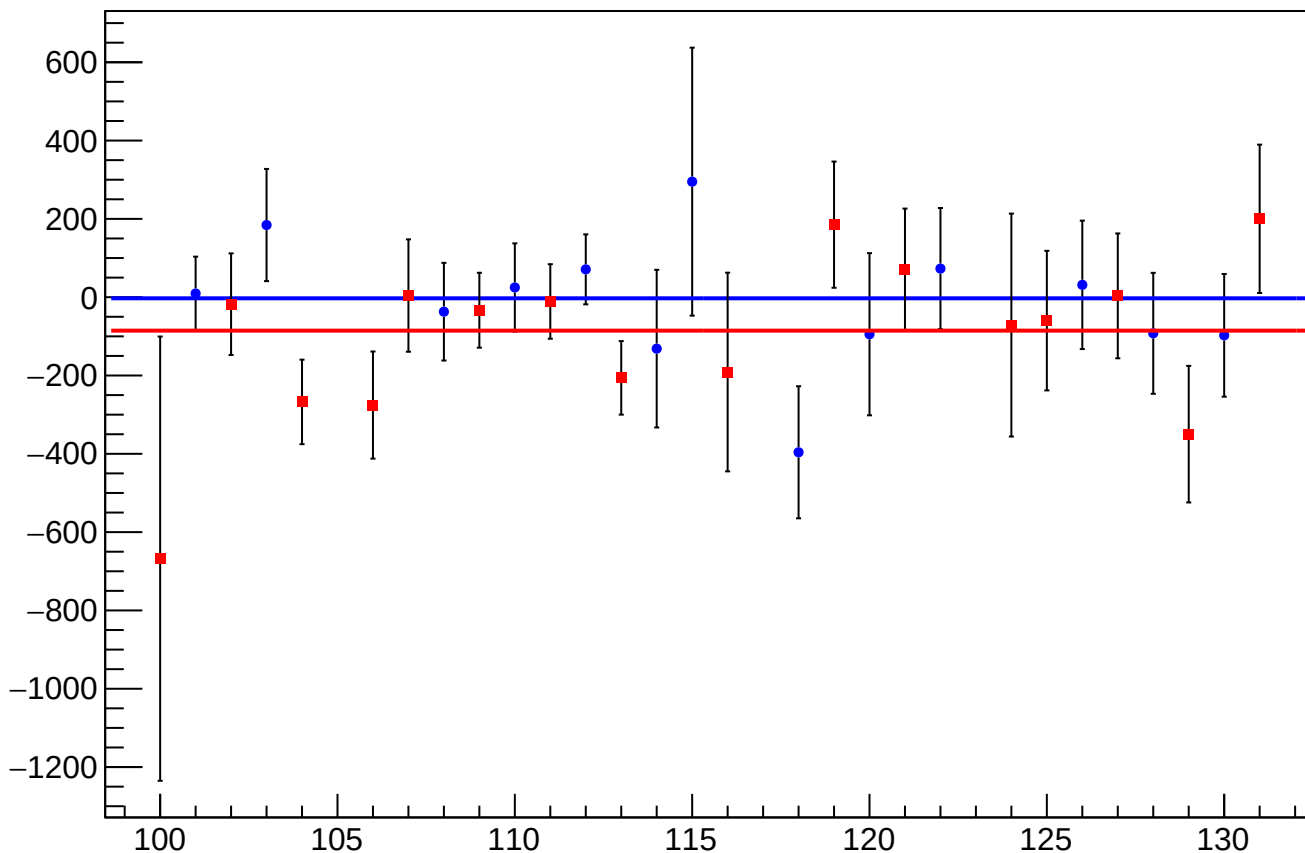
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 597.531+/-0.133 χ^2/NDF : 3374101.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1548_avg_mean vs Slug



Right In: -2.820+/-38.255 χ^2/NDF : 10.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -85.401+/-34.862 χ^2/NDF : 18.0/15

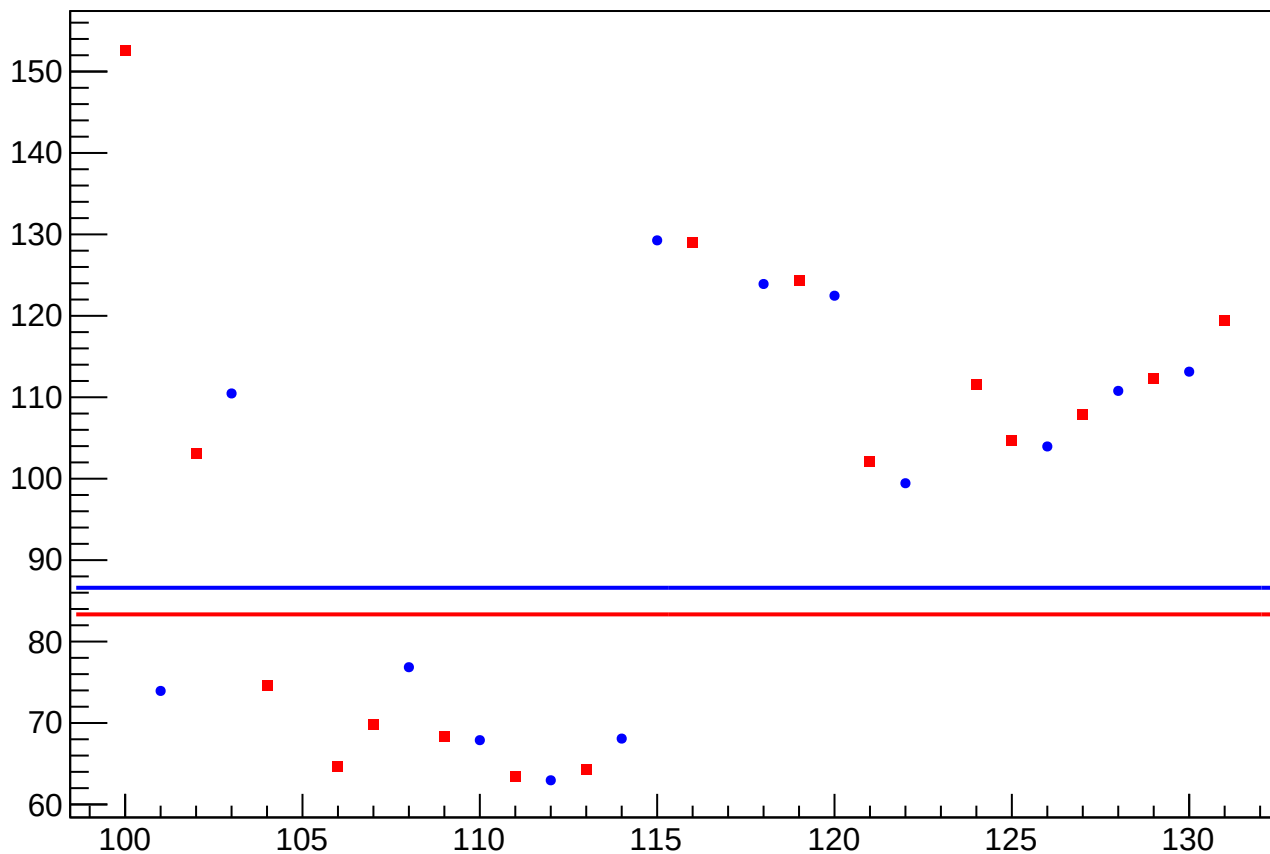
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.935+/-25.767 χ^2/NDF : 30.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1548_avg_rms vs Slug



Right In: 86.605+/-0.027 χ^2/NDF : 647587.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.337+/-0.025 χ^2/NDF : 809906.1/15

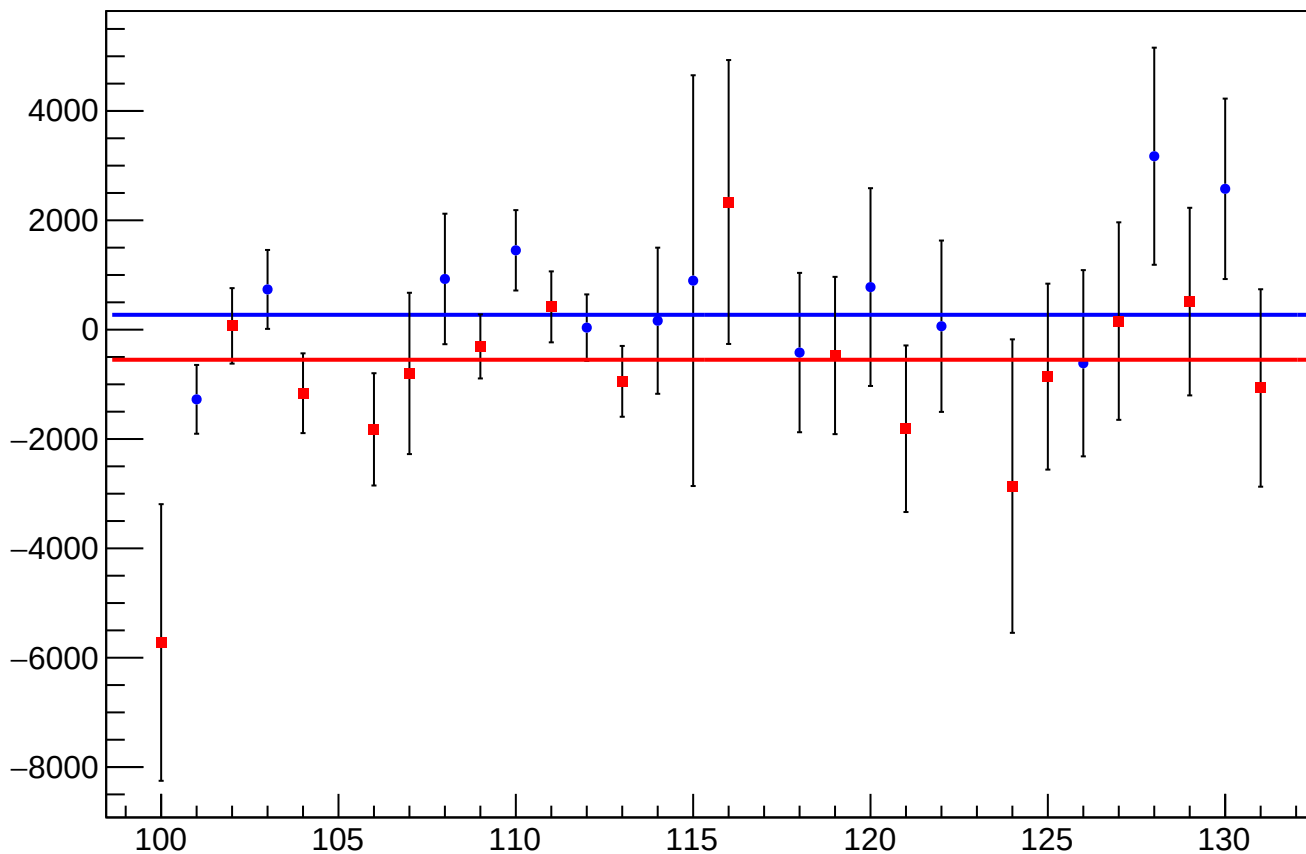
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.820+/-0.018 χ^2/NDF : 1465467.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_dit_correction_mean vs Slug



Right In: 271.758+/-283.008 χ^2/NDF : 14.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -550.393+/-252.296 χ^2/NDF : 13.3/15

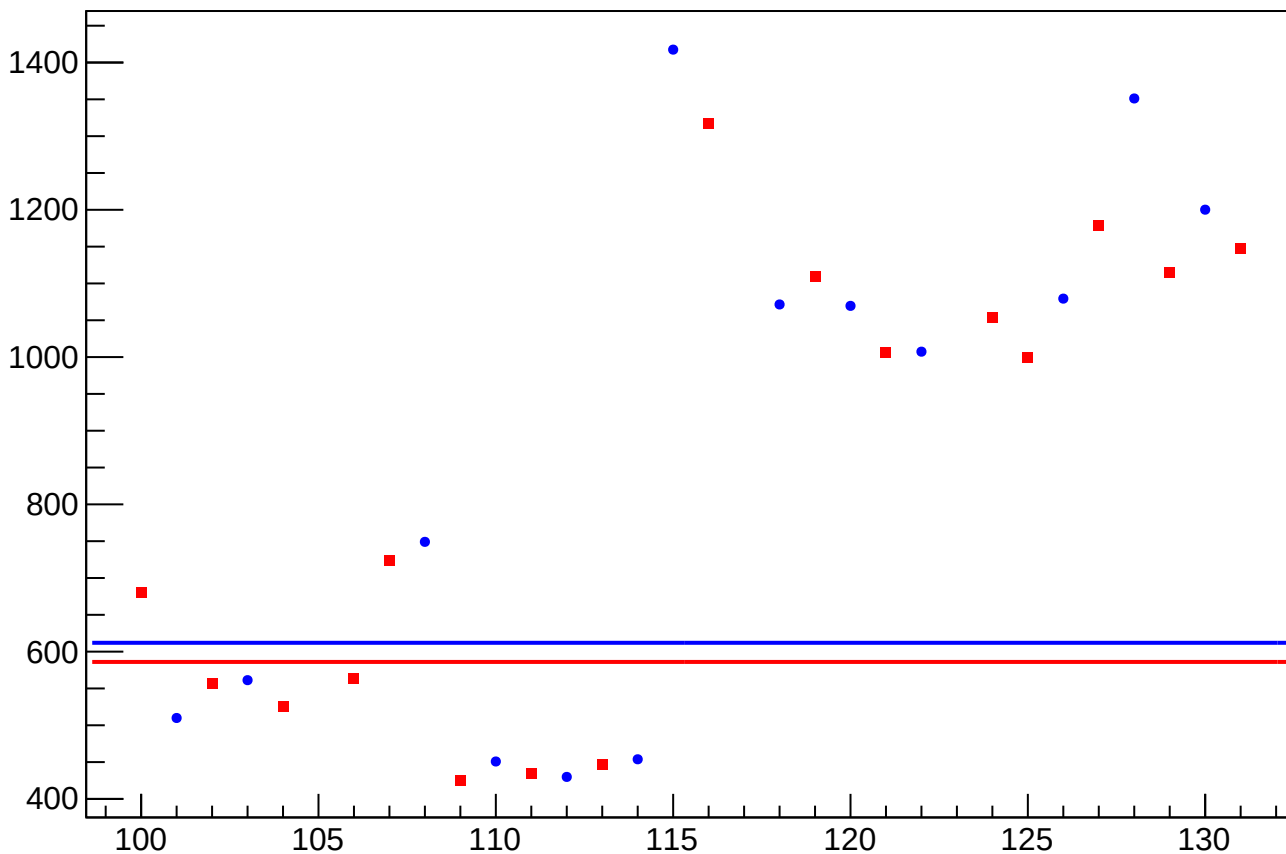
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -186.333+/-188.326 χ^2/NDF : 32.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_dit_correction_rms vs Slug



Right In: 612.011+/-0.200 χ^2/NDF : 1620703.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 586.022+/-0.178 χ^2/NDF : 1744008.7/15

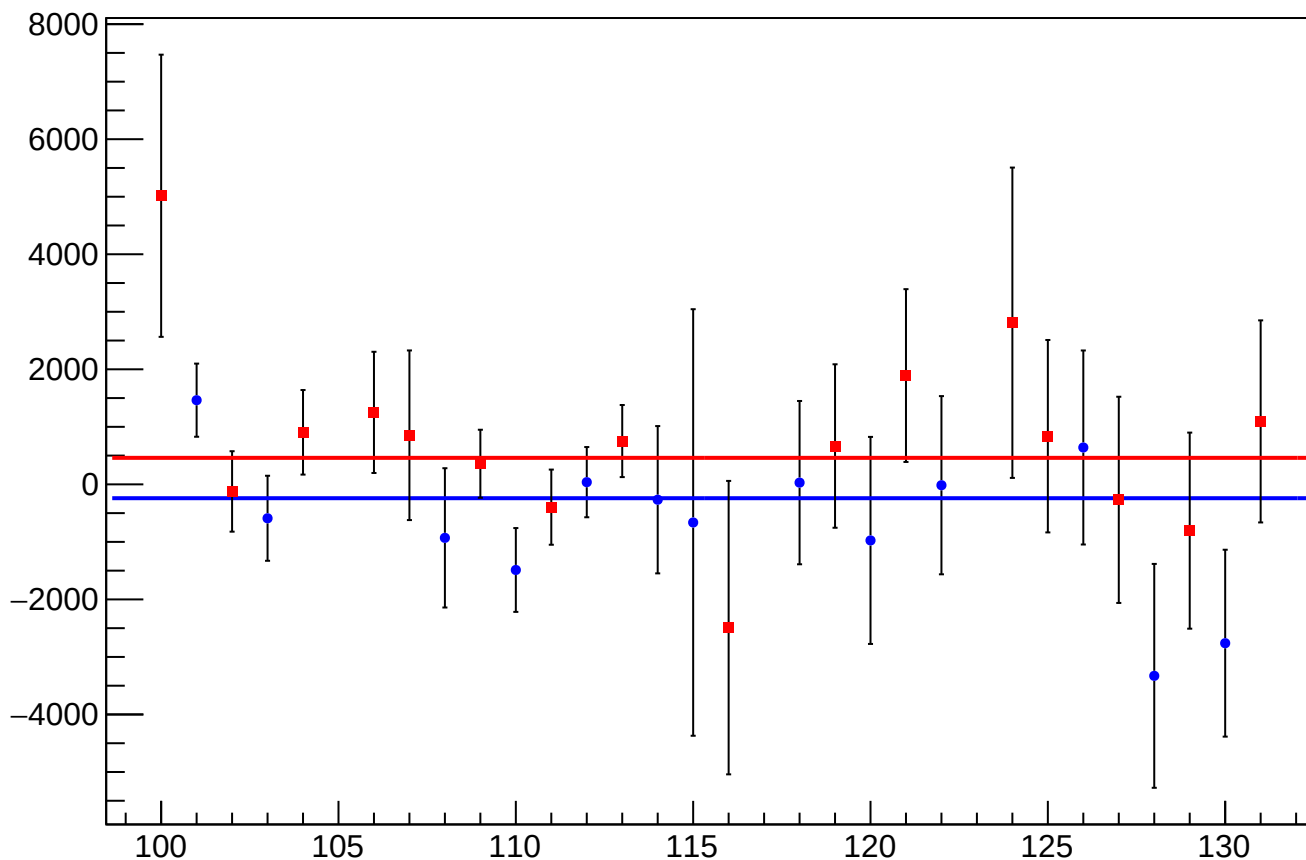
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 597.530+/-0.133 χ^2/NDF : 3374110.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_mean vs Slug



Right In: -240.608+/-283.362 χ^2/NDF : 16.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 460.879+/-252.050 χ^2/NDF : 11.0/15

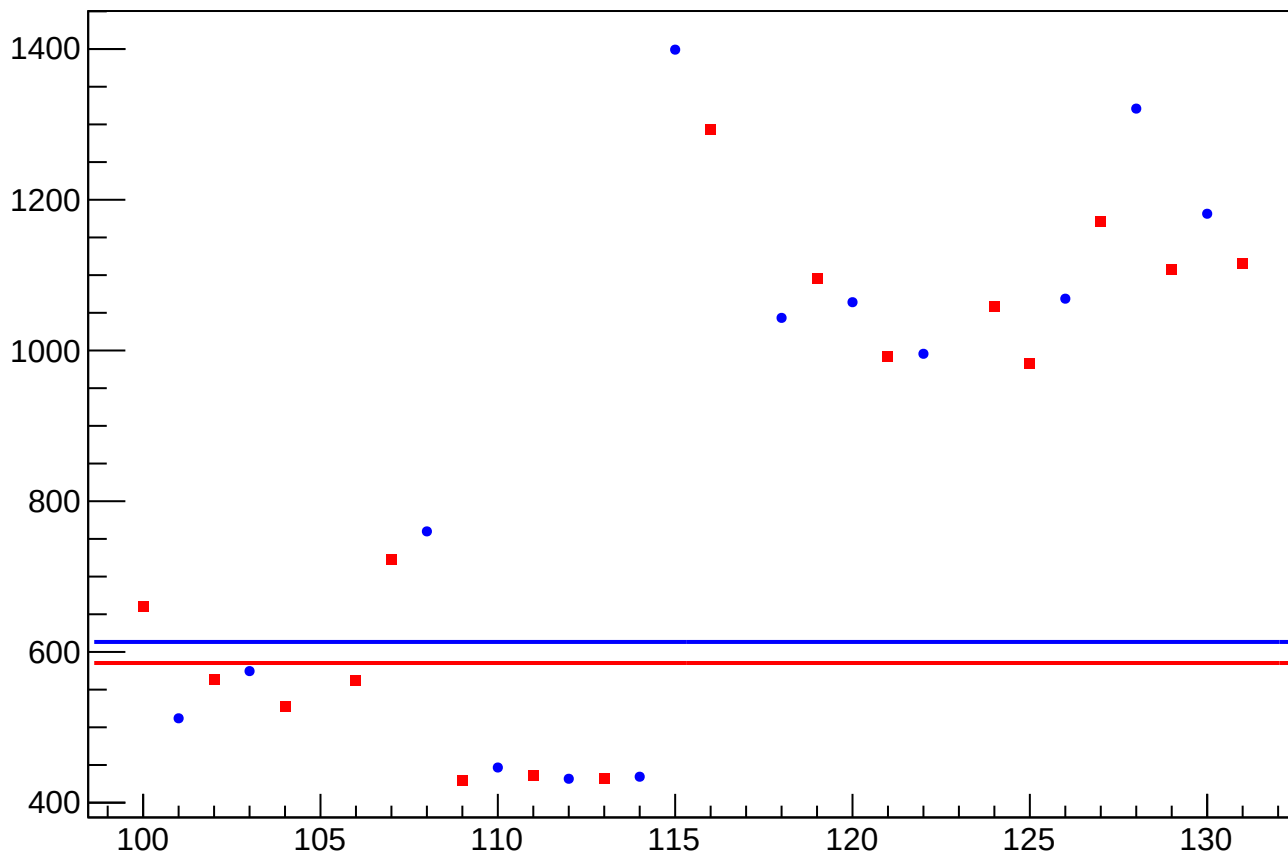
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.020+/-188.327 χ^2/NDF : 30.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_rms vs Slug



Right In: 613.268+/-0.200 χ^2/NDF : 1582136.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 585.327+/-0.178 χ^2/NDF : 1713003.8/15

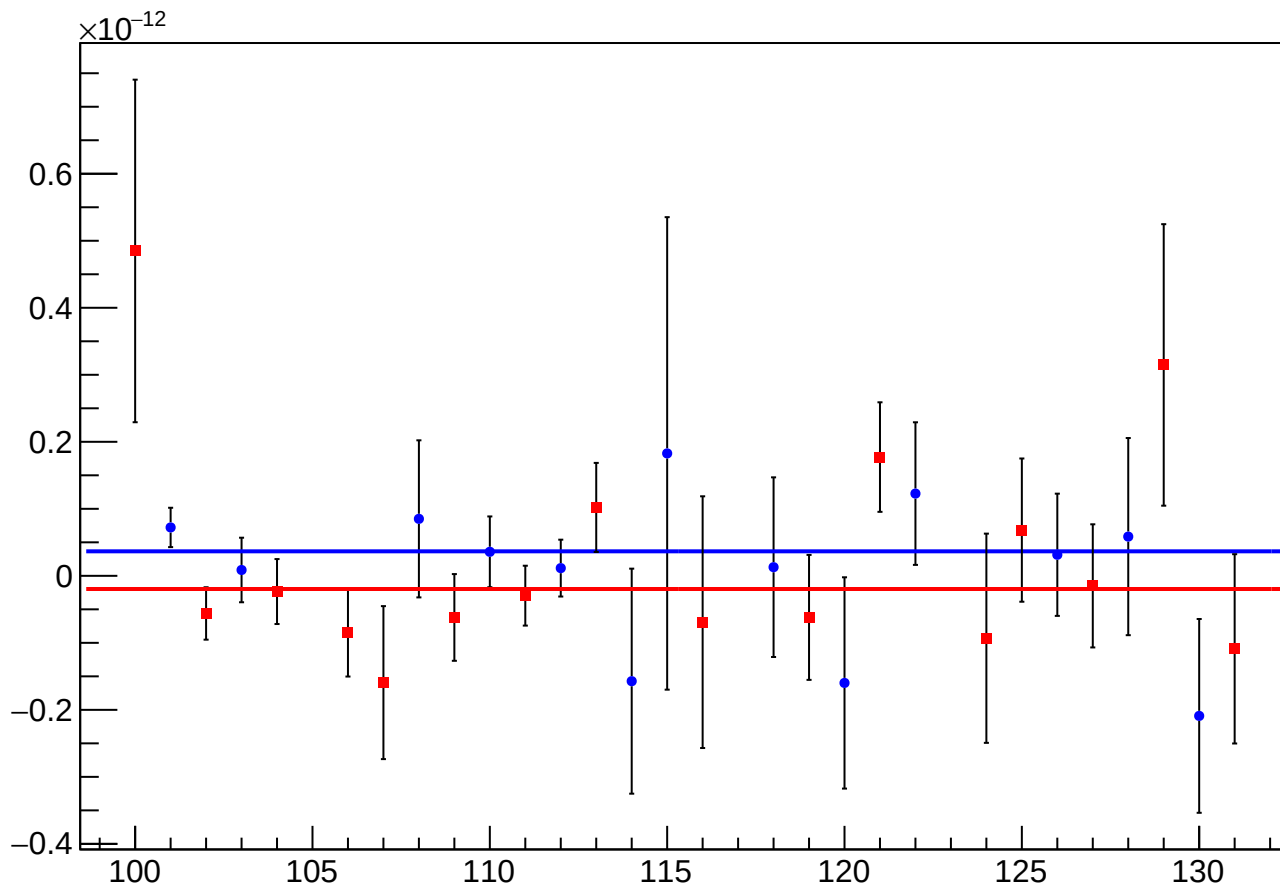
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 597.669+/-0.133 χ^2/NDF : 3305995.9/28

- sign 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: 9.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.0/15

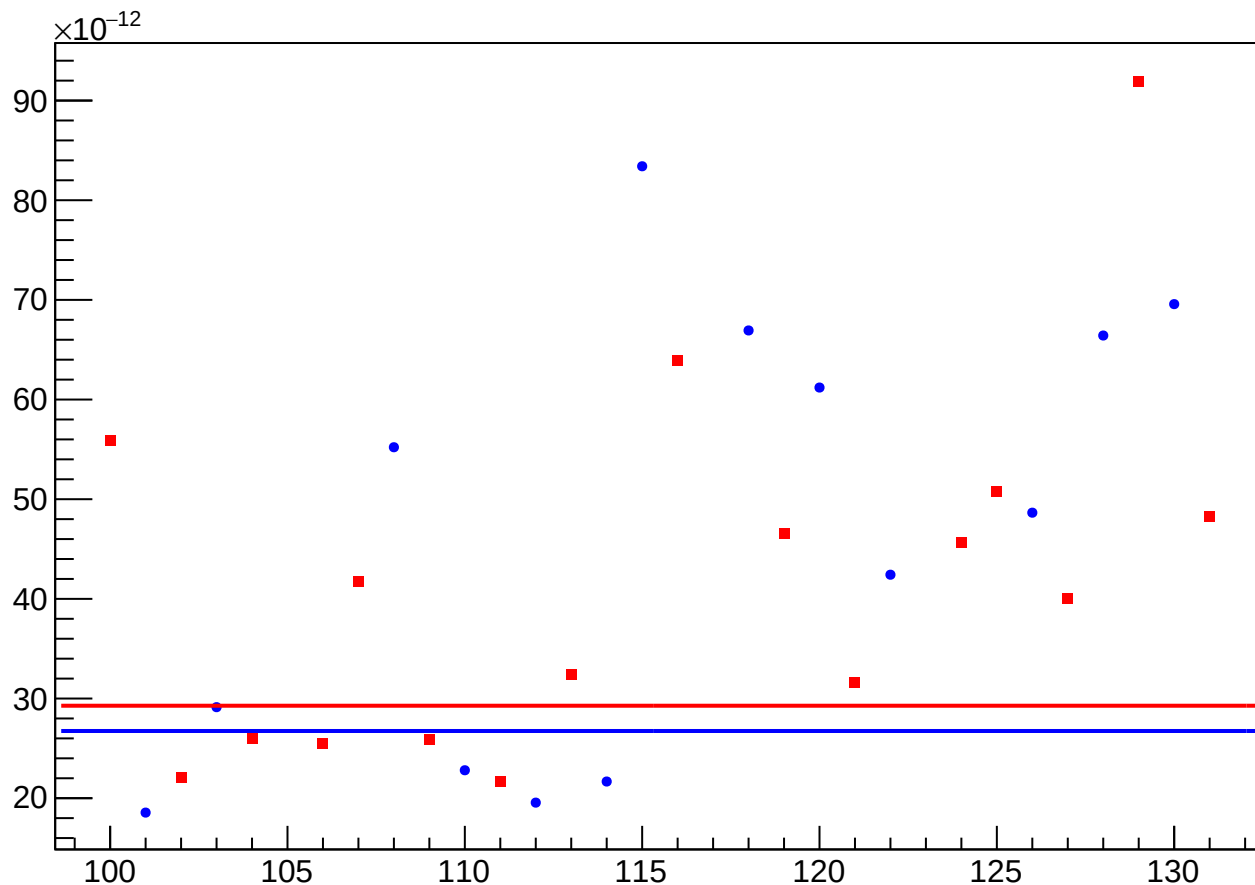
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 34.8/28

- 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 : 1155584.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 680372.1/15

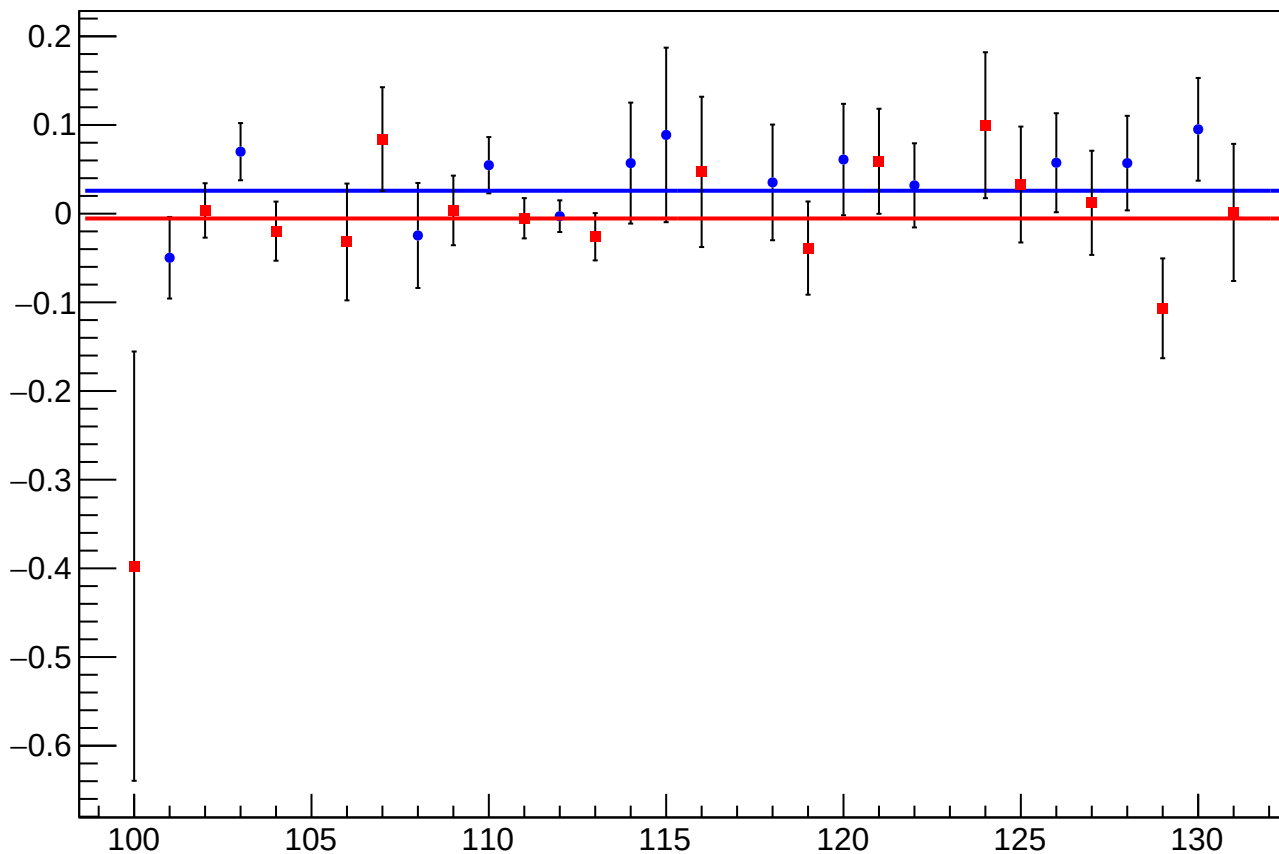
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1855254.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.026 $\pm$ 0.011 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 0.011 χ^2 /NDF: 13.3/15

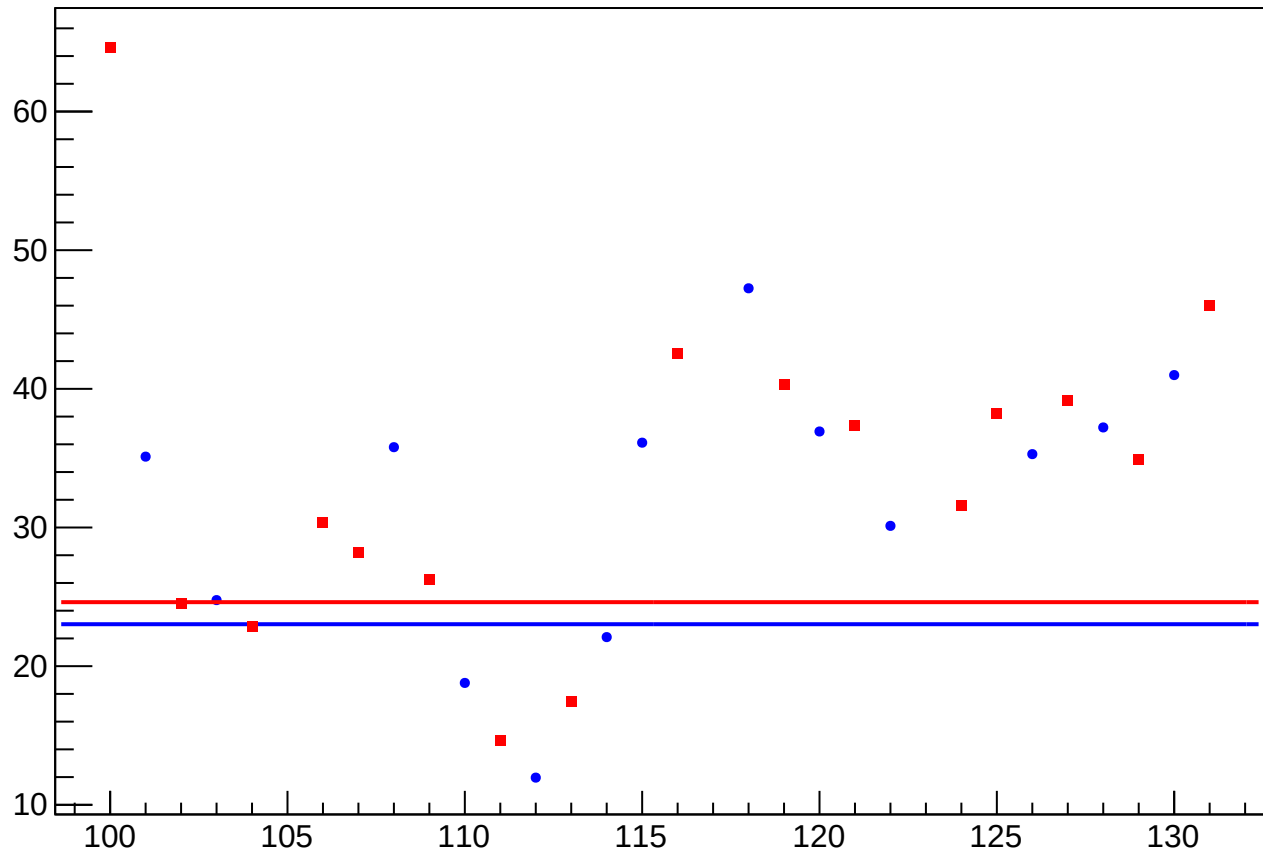
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.008 χ^2 /NDF: 29.1/28

- 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: 23.026+/-0.008 χ^2/NDF : 1923456.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.616+/-0.008 χ^2/NDF : 1423593.0/15

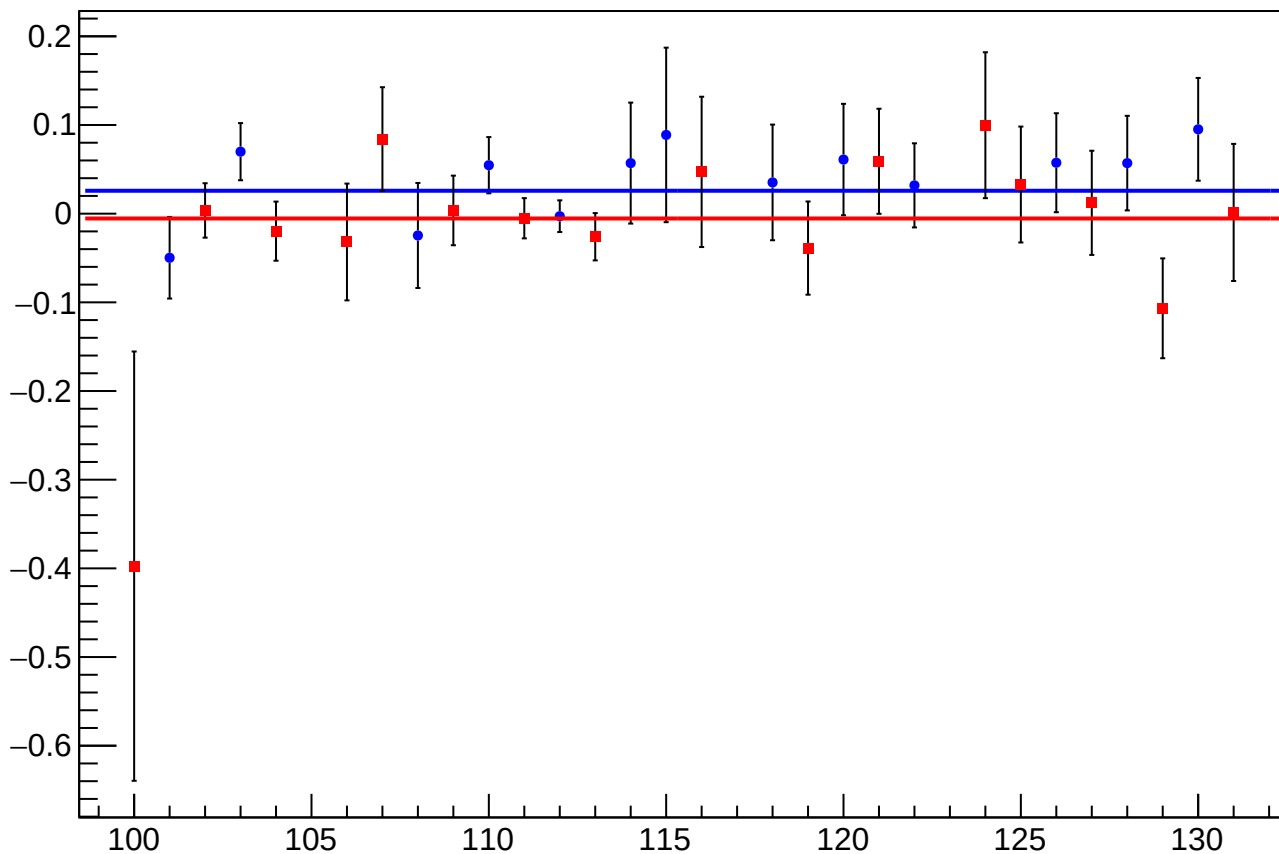
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.839+/-0.006 χ^2/NDF : 3367914.4/28

- 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: 0.026 $\pm$ 0.011 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 0.011 χ^2 /NDF: 13.3/15

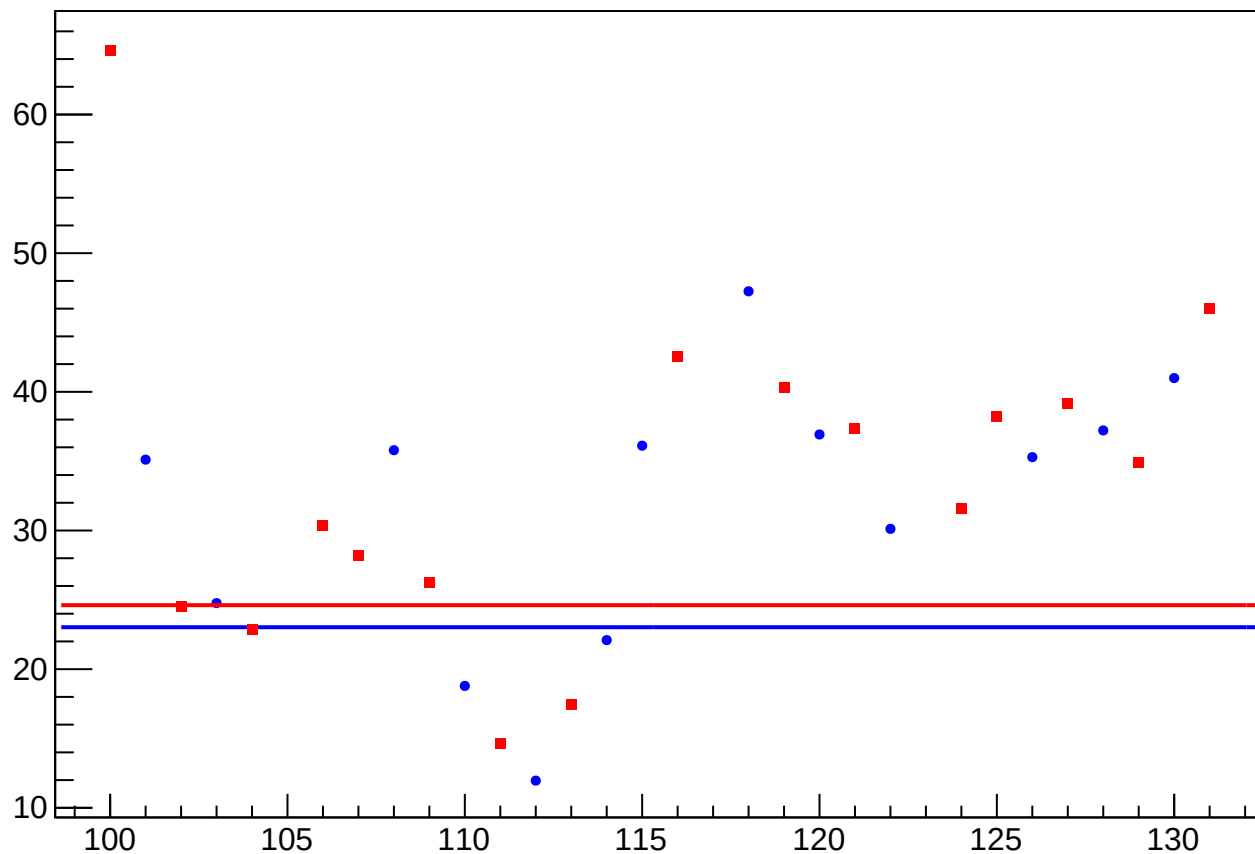
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.008 χ^2 /NDF: 29.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 23.026+/-0.008 χ^2/NDF : 1923456.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.616+/-0.008 χ^2/NDF : 1423593.0/15

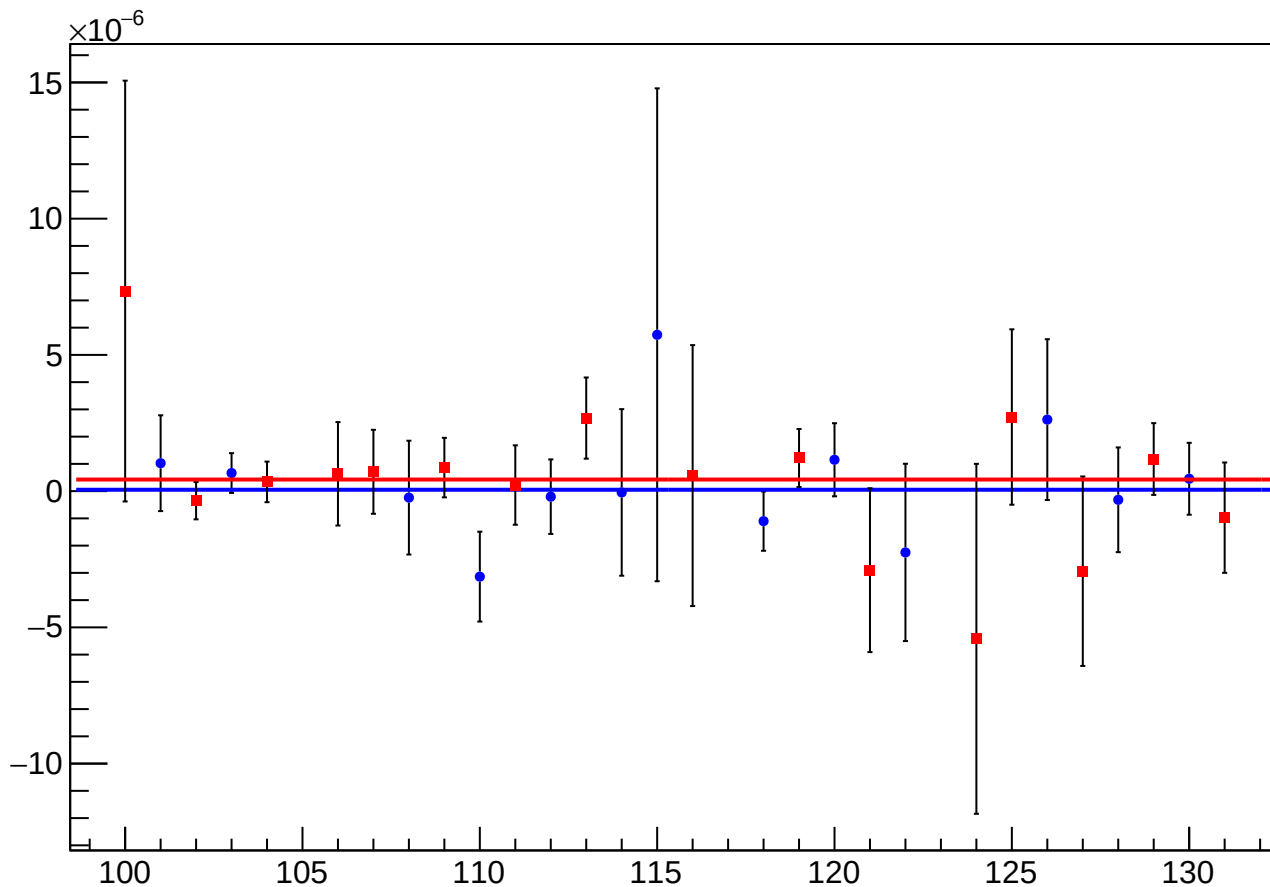
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.839+/-0.006 χ^2/NDF : 3367914.4/28

- 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: 8.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.5/15

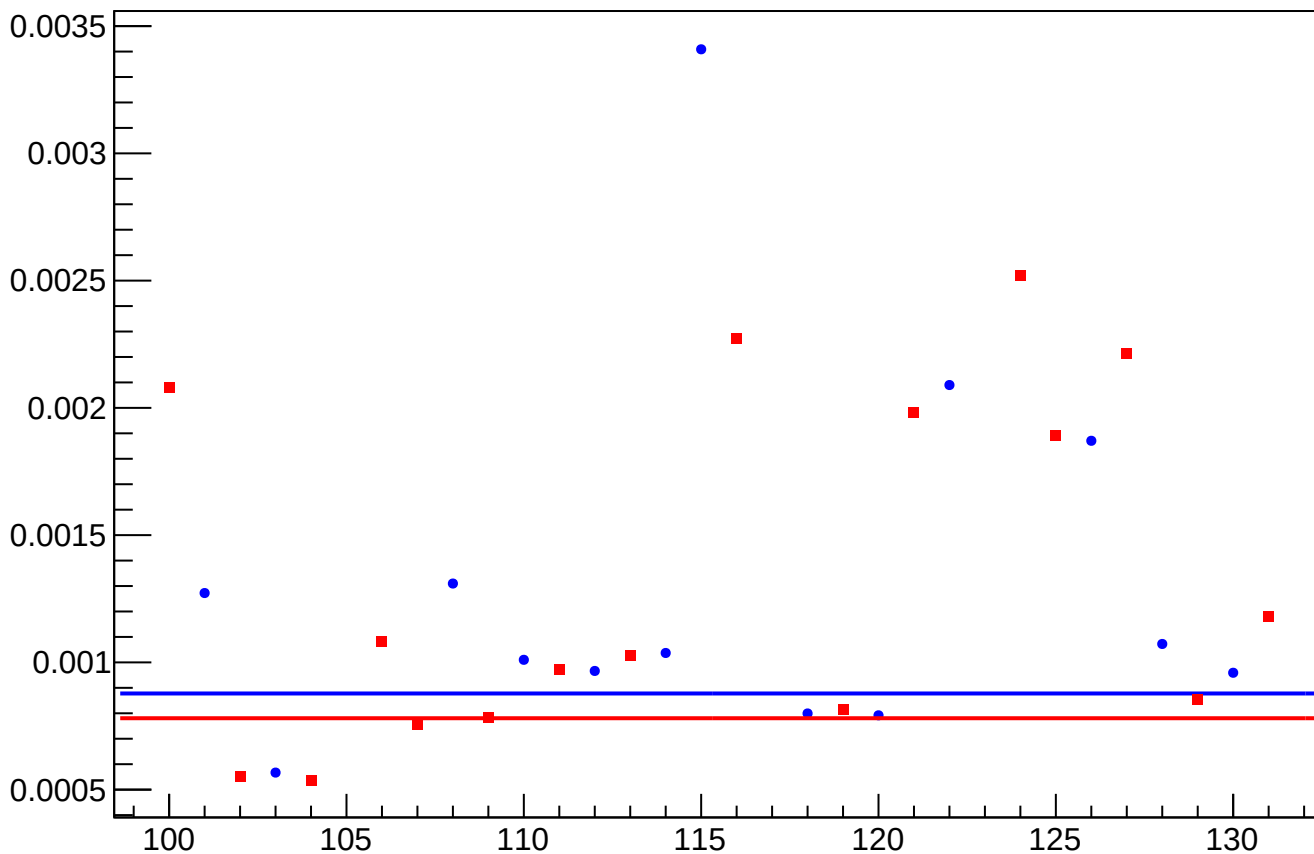
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.4/28

- 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 : 1283560.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1964208.3/15

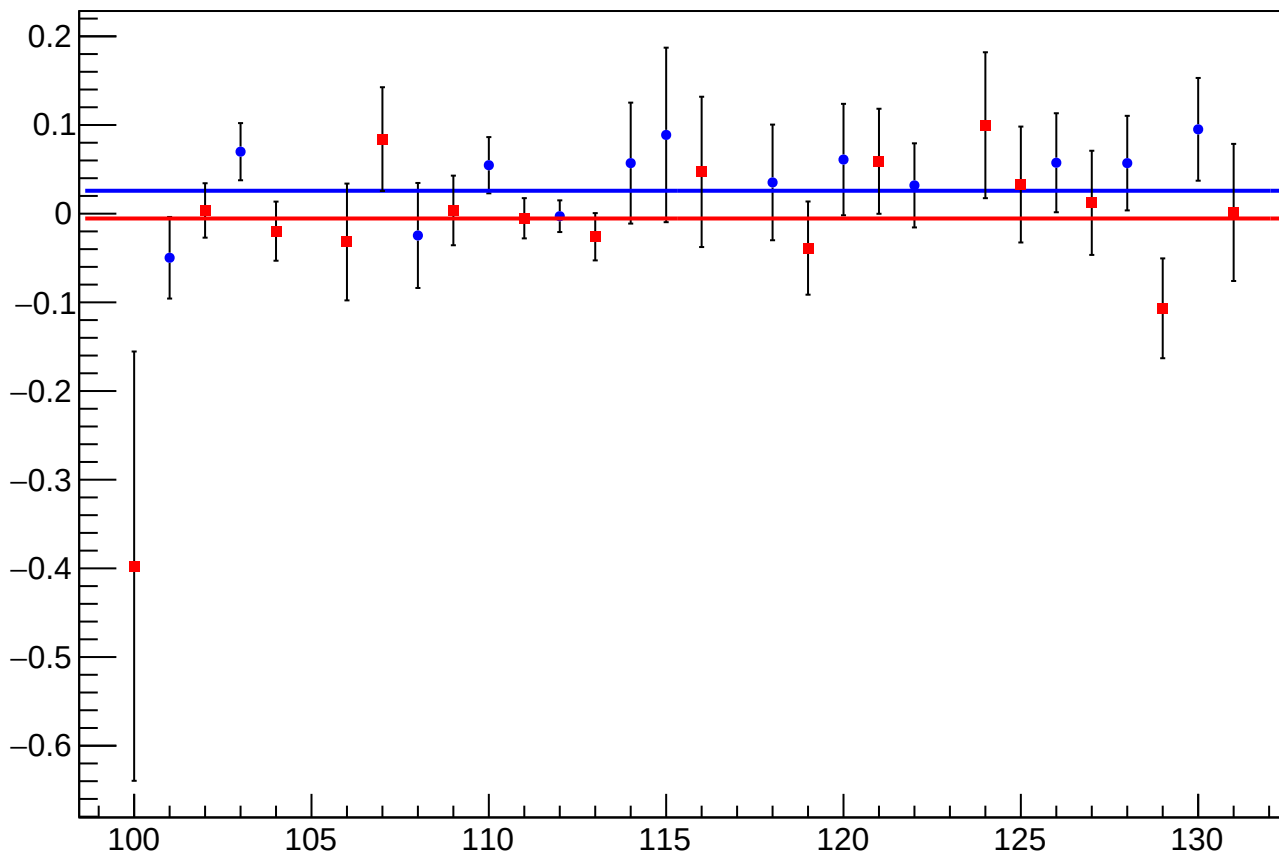
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3313631.2/28

- 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: 0.026 $\pm$ 0.011 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.005 $\pm$ 0.011 χ^2 /NDF: 13.3/15

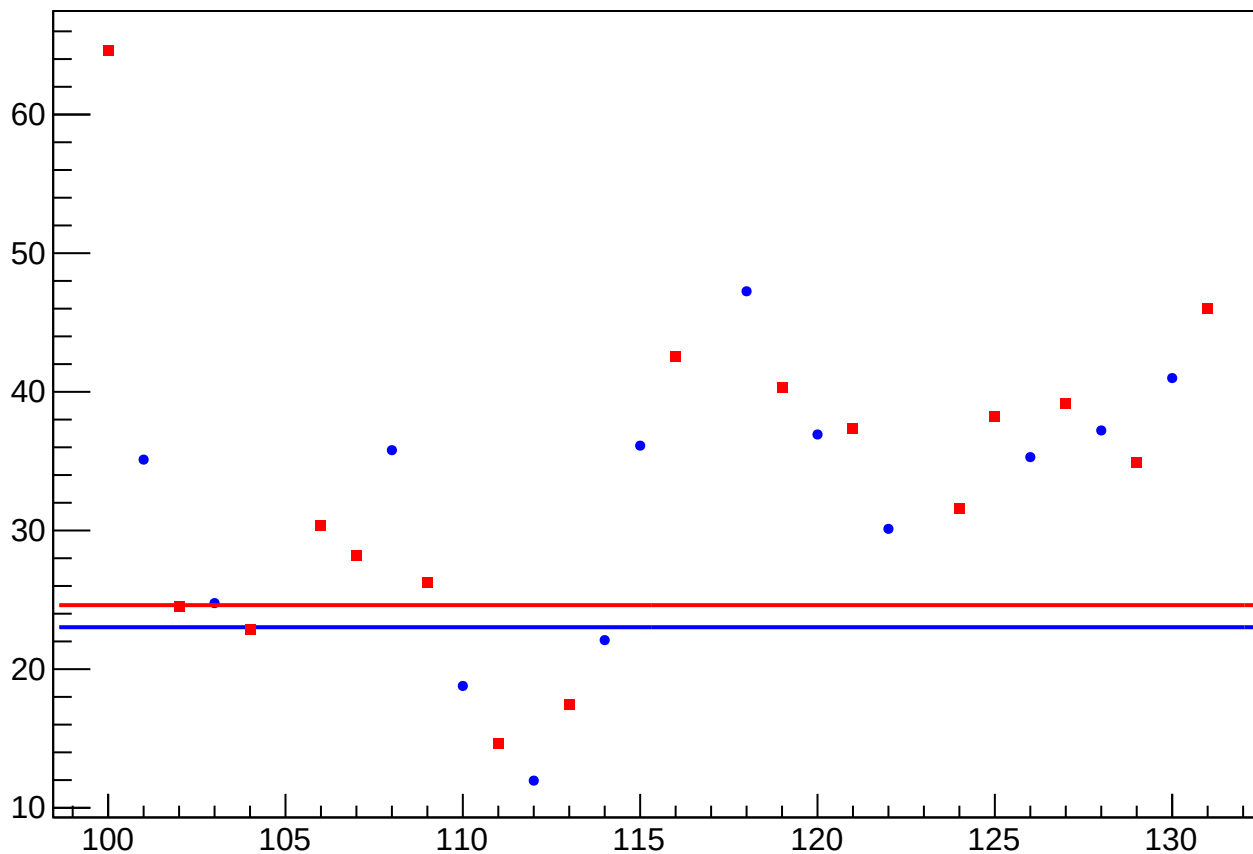
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.008 χ^2 /NDF: 29.1/28

- 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: 23.025+/-0.008 χ^2/NDF : 1923608.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.616+/-0.008 χ^2/NDF : 1423709.4/15

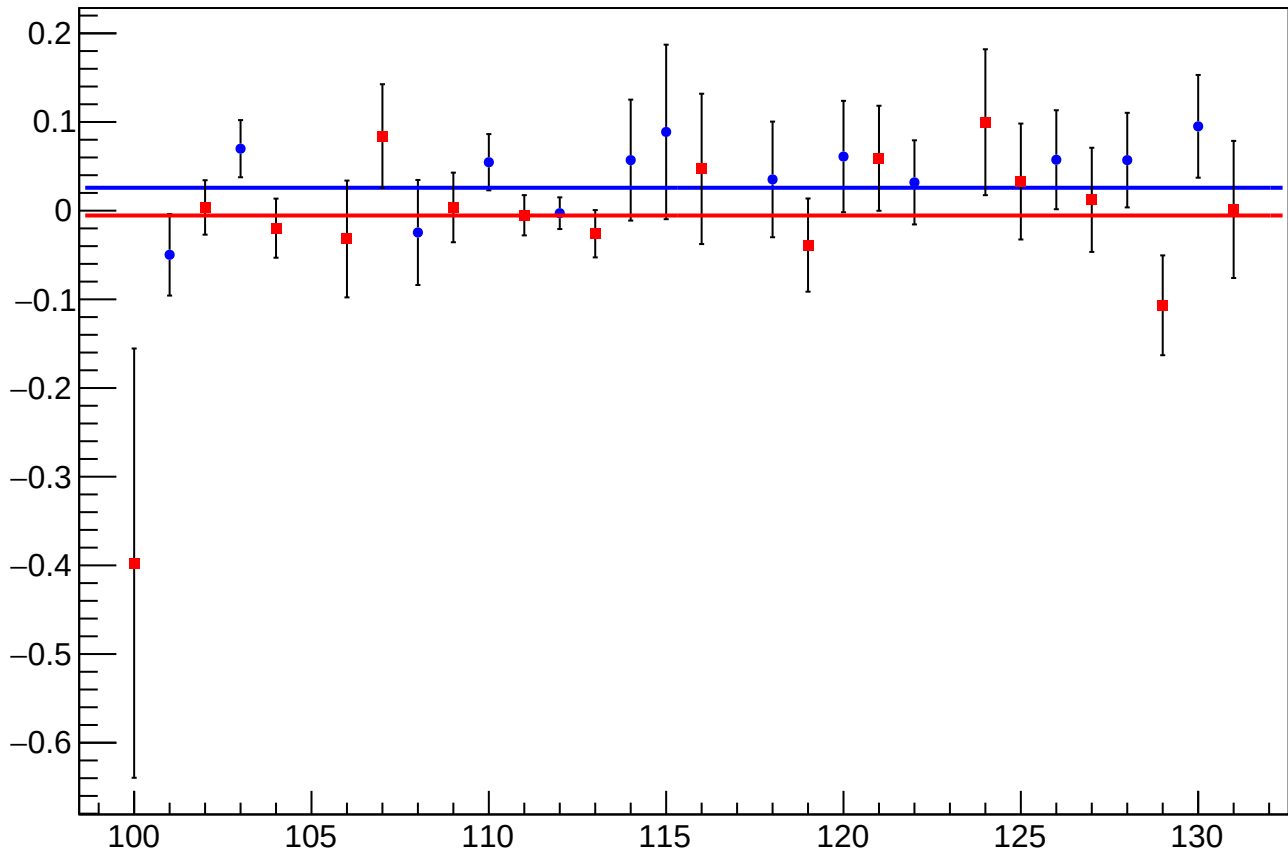
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.838+/-0.006 χ^2/NDF : 3368186.8/28

- 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: 0.026 $\pm$ 0.011 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.005 $\pm$ 0.011 χ^2 /NDF: 13.3/15

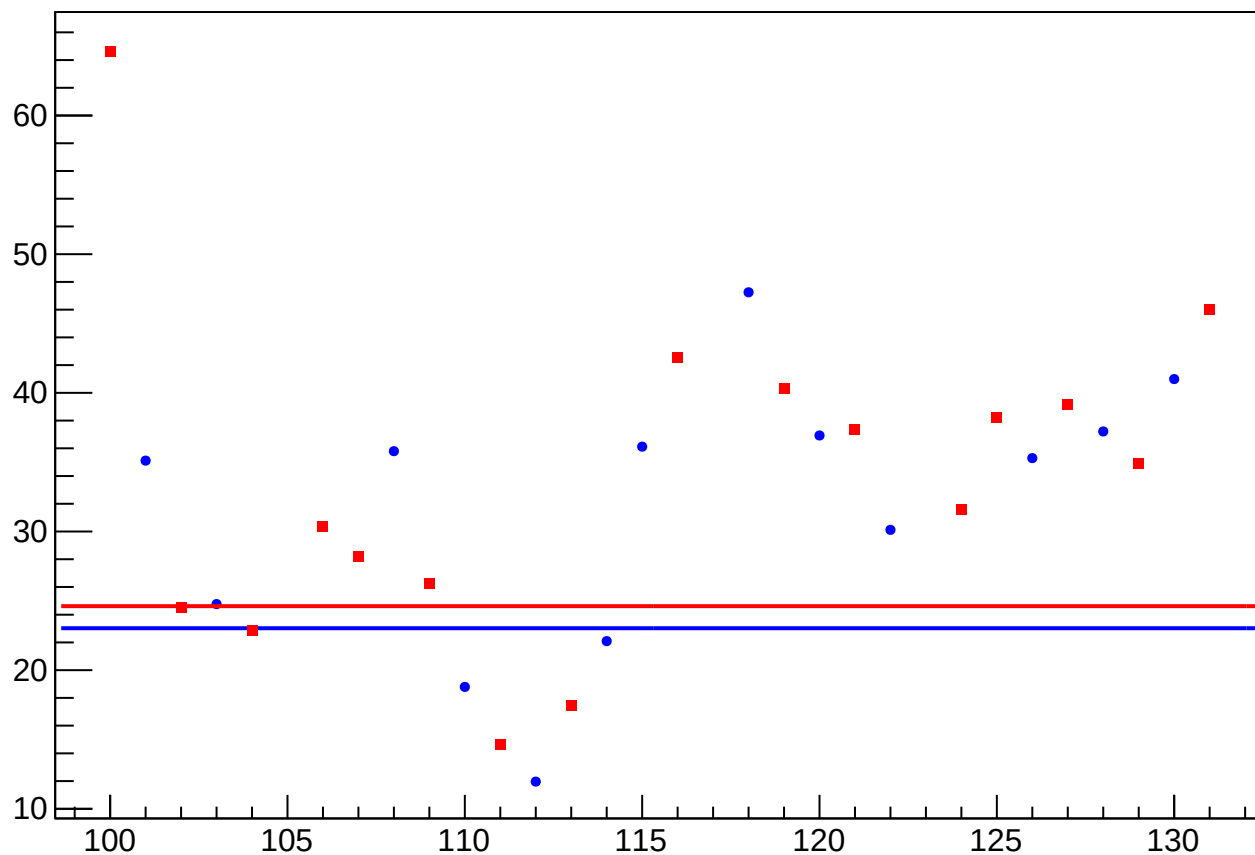
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.008 χ^2 /NDF: 29.1/28

- 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: 23.025+/-0.008 χ^2/NDF : 1923608.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.616+/-0.008 χ^2/NDF : 1423709.4/15

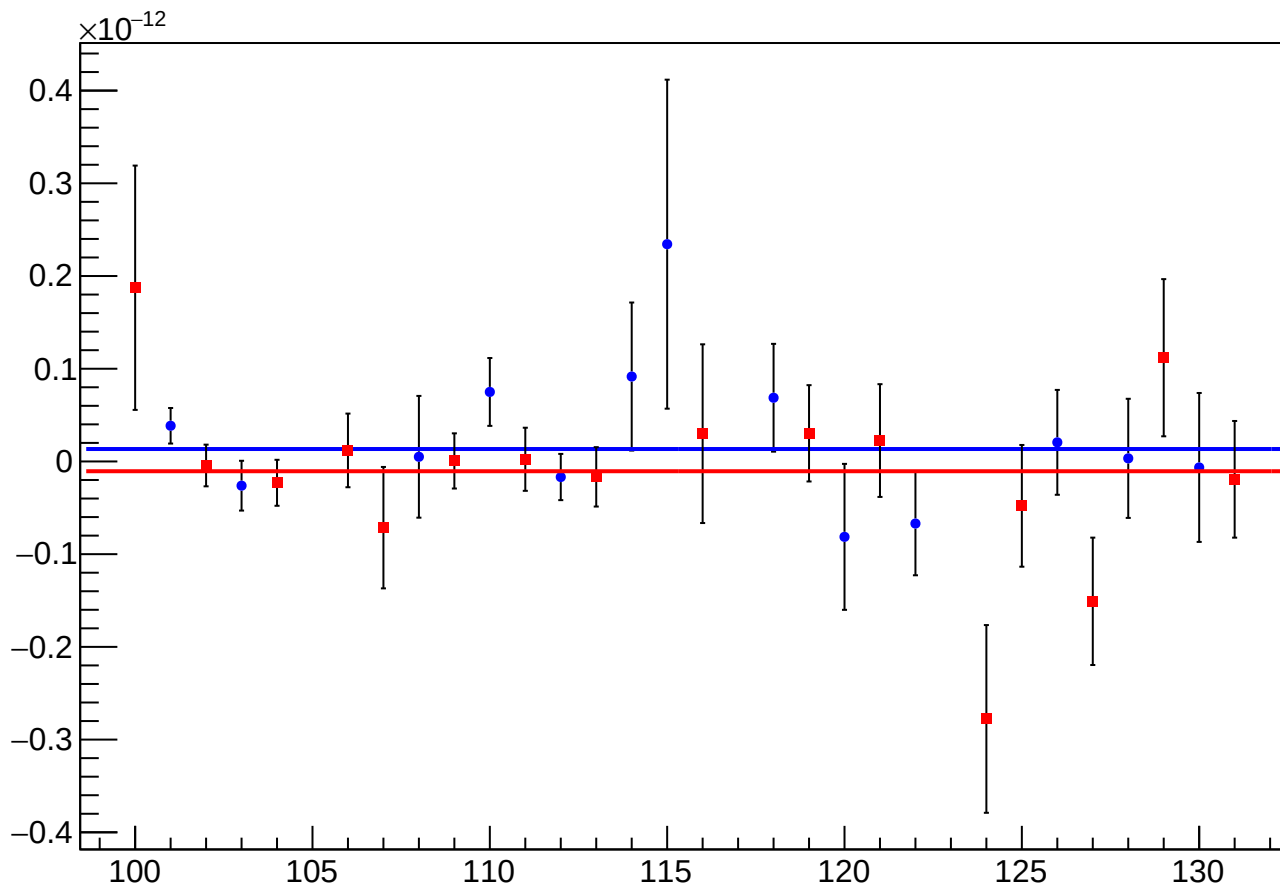
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.838+/-0.006 χ^2/NDF : 3368186.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.7/15

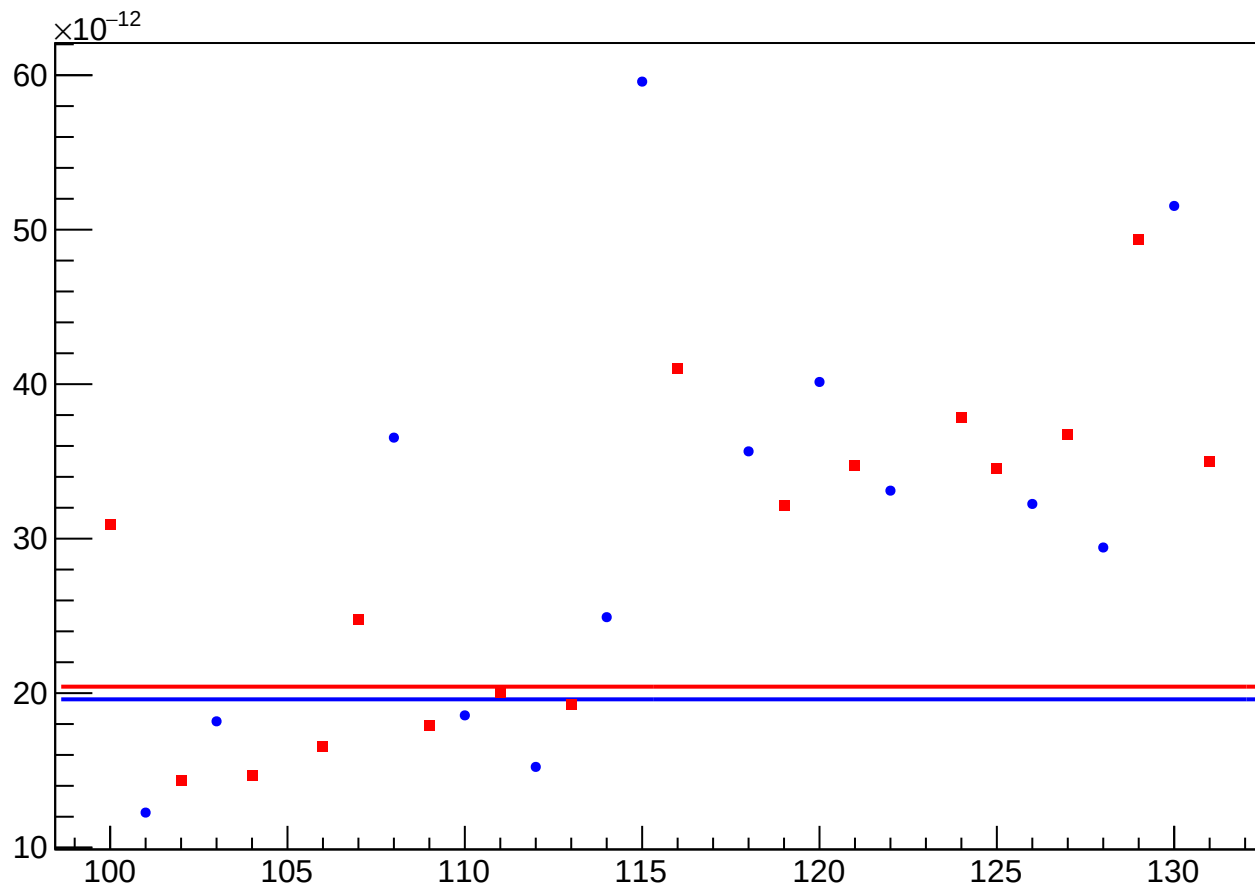
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 36.5/28

- 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 : 1473732.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1223145.9/15

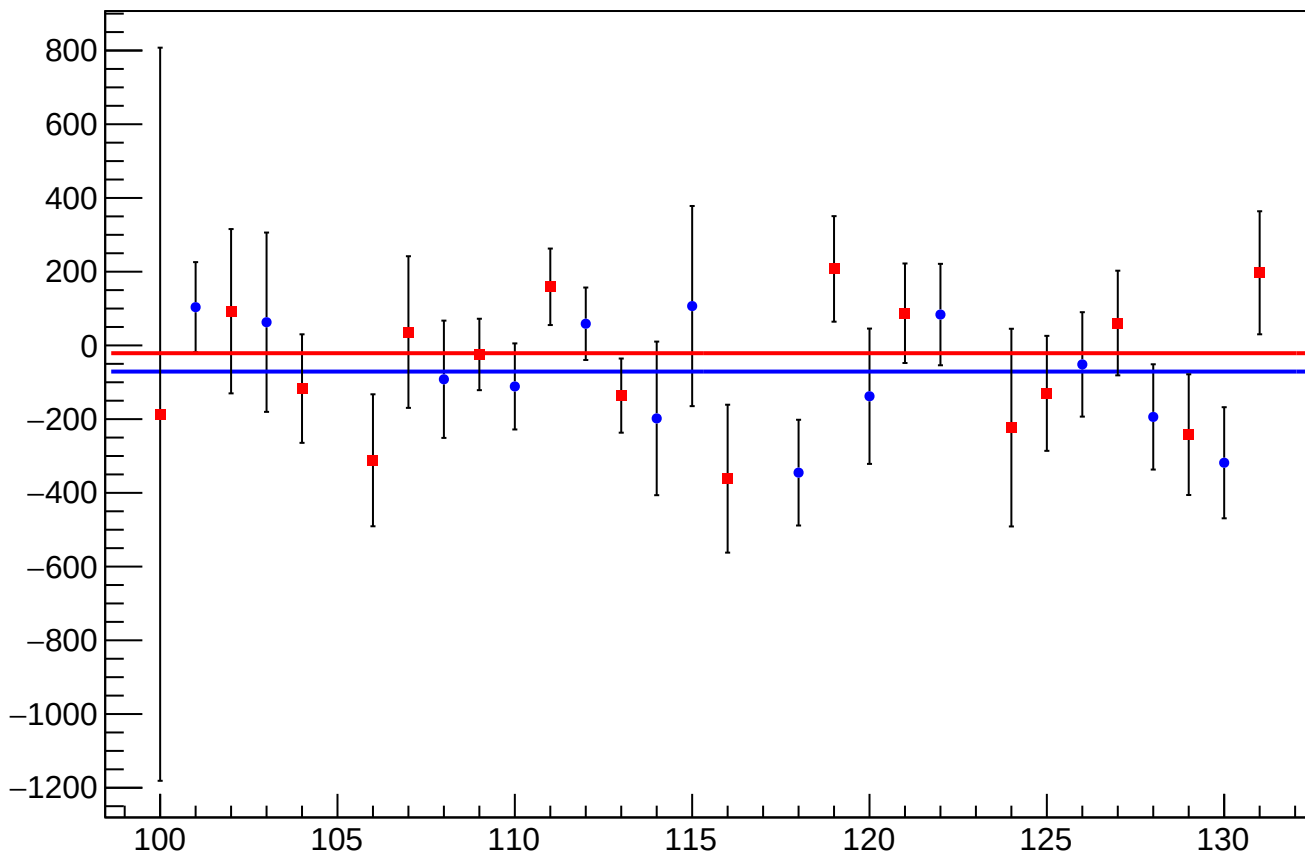
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2702770.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_mean vs Slug



Right In: -70.960+/-40.457 χ^2/NDF : 13.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.126+/-37.093 χ^2/NDF : 18.7/15

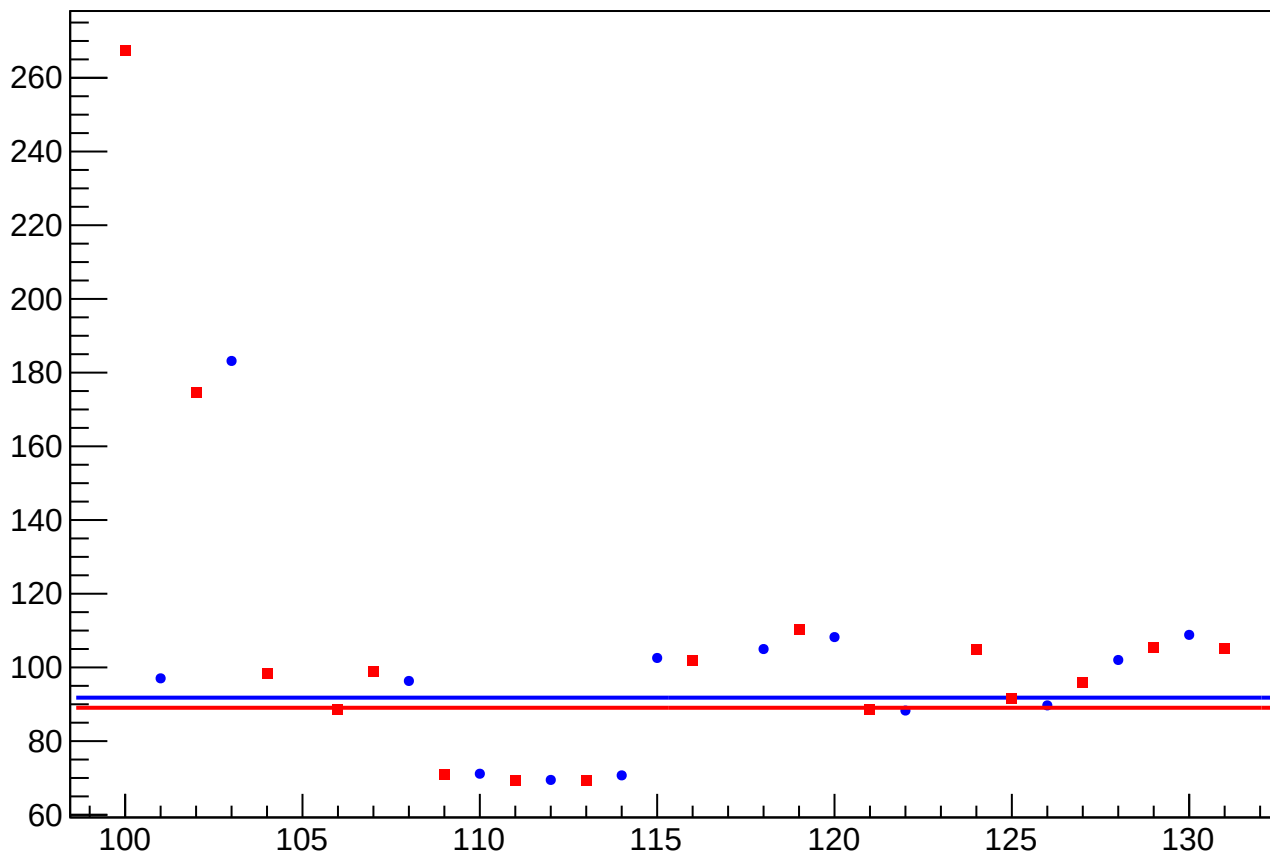
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.885+/-27.341 χ^2/NDF : 33.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_rms vs Slug



Right In: 91.796+/-0.029 χ^2/NDF : 547496.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.052+/-0.026 χ^2/NDF : 694278.9/15

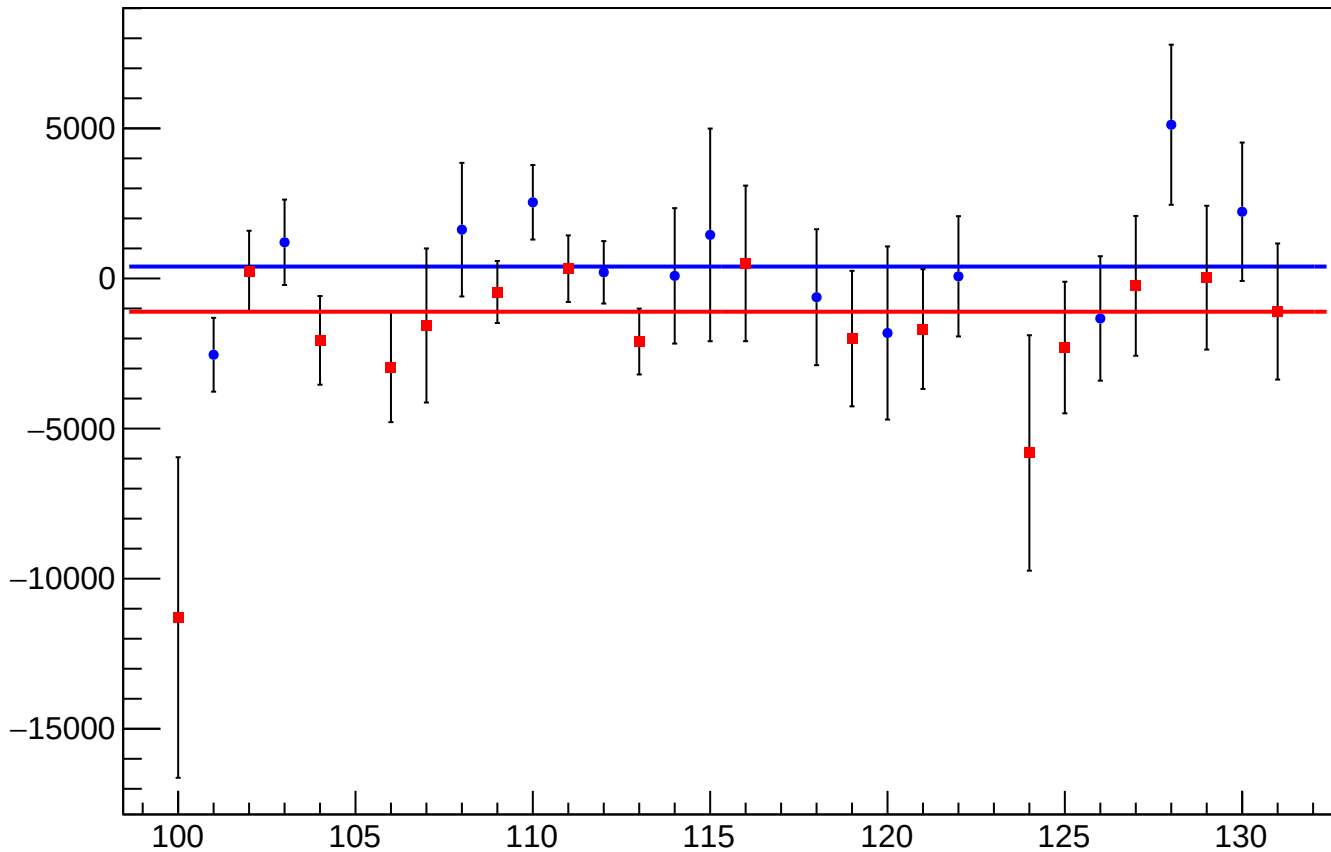
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.305+/-0.019 χ^2/NDF : 1246772.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_reg_correction_mean vs Slug



Right In: 396.455+/-480.402 χ^2/NDF : 14.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1107.510+/-426.612 χ^2/NDF : 11.7/15

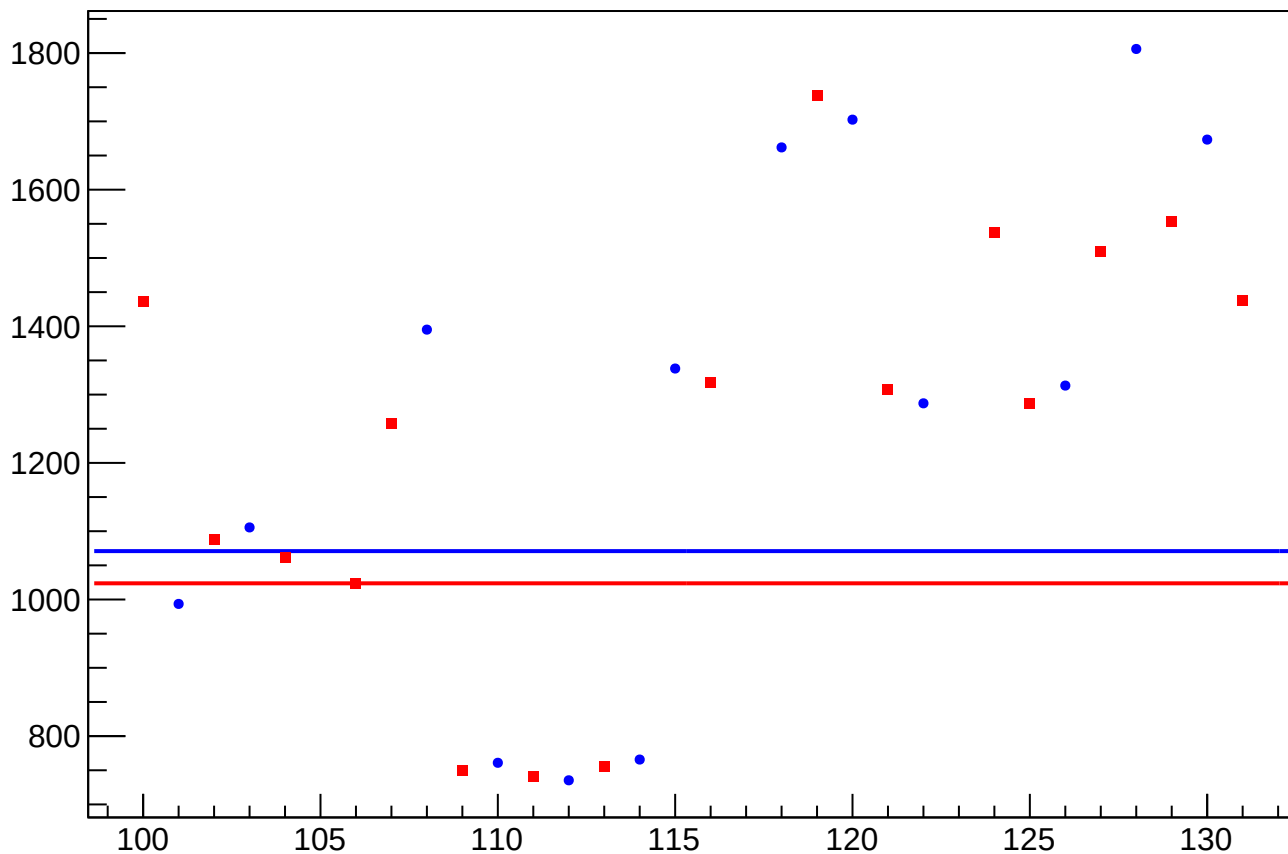
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -444.407+/-318.990 χ^2/NDF : 31.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_reg_correction_rms vs Slug



Right In: 1070.862 $\pm$ 0.340 χ^2 /NDF: 1003780.8/12

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

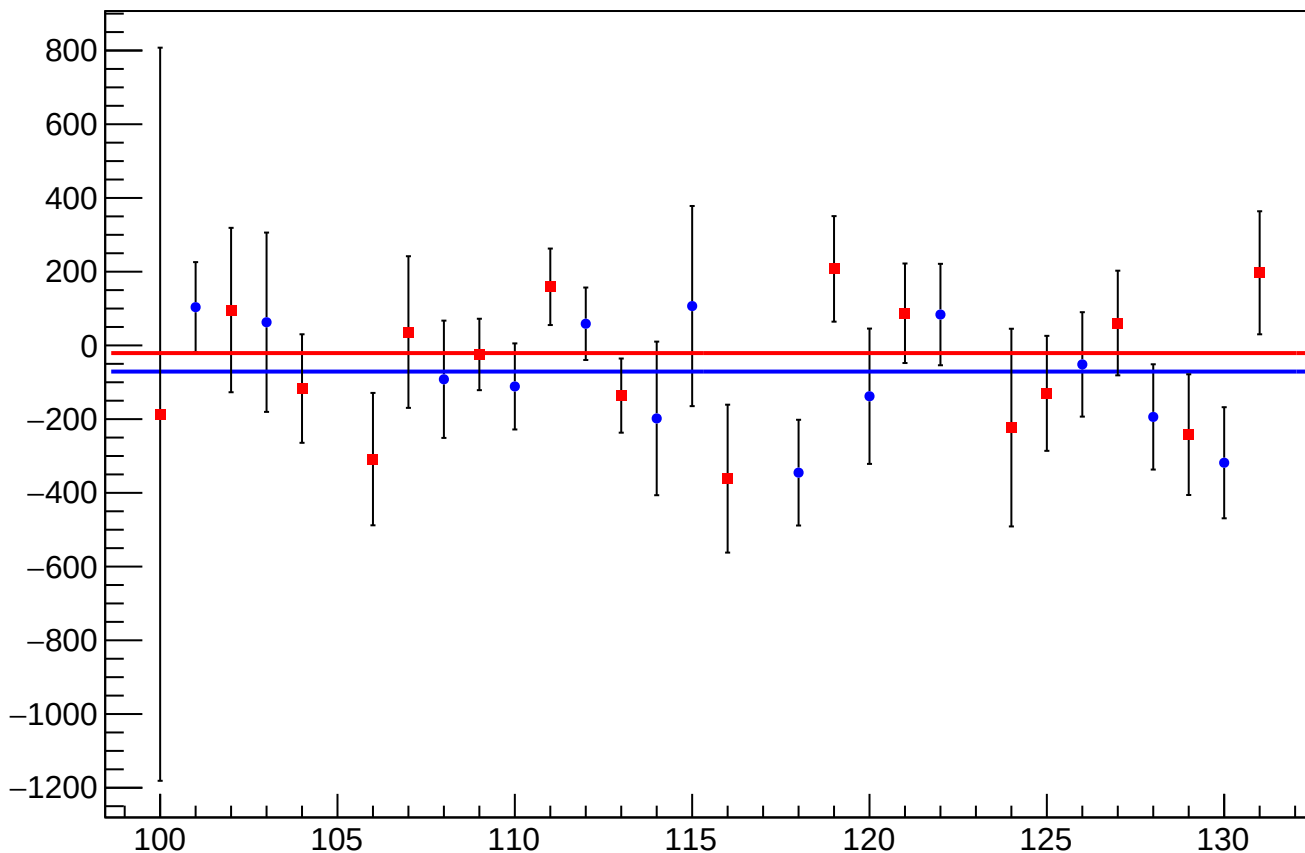
Right Out: 1023.704 $\pm$ 0.302 χ^2 /NDF: 1005812.3/15

All: 1044.496 $\pm$ 0.226 χ^2 /NDF: 2020368.1/28

- 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: -70.976+/-40.457 χ^2/NDF : 13.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.827+/-37.098 χ^2/NDF : 18.7/15

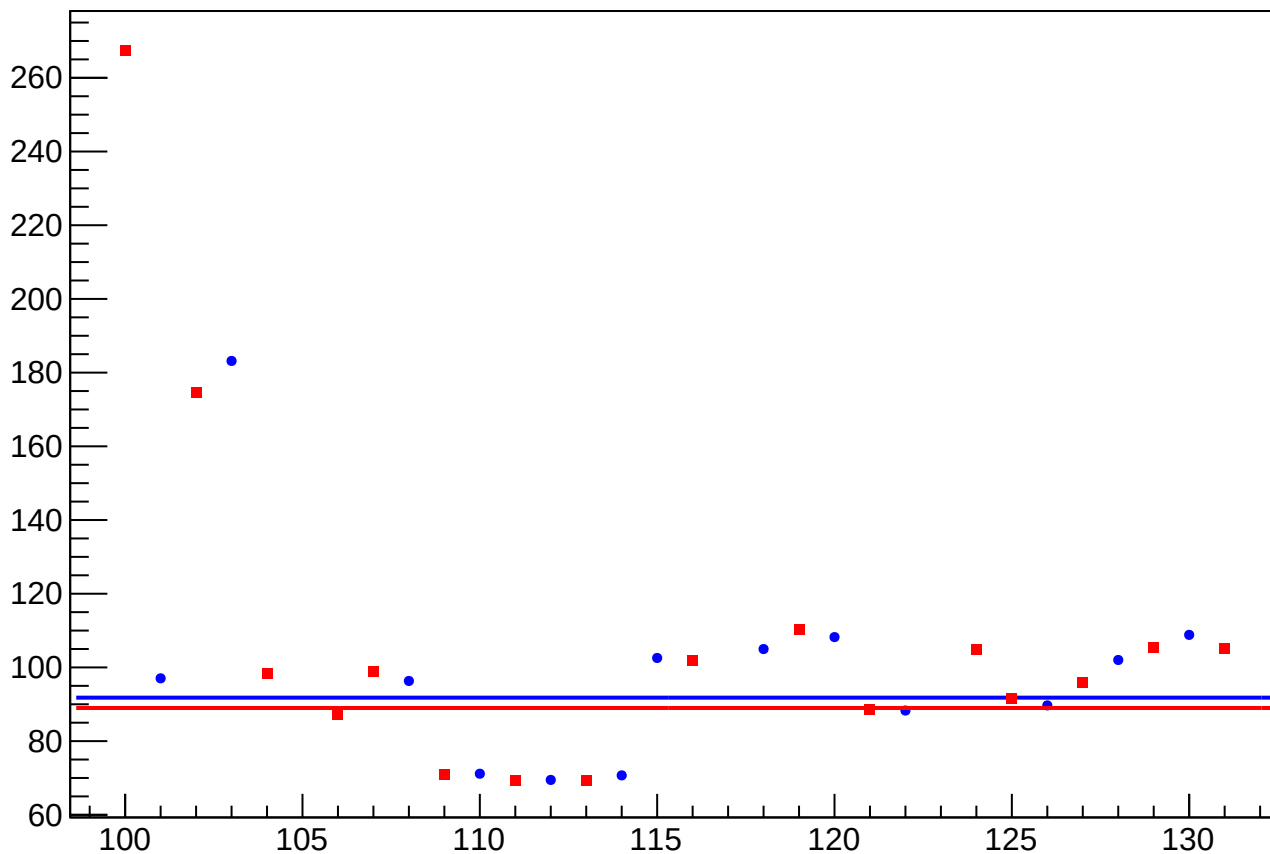
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.734+/-27.343 χ^2/NDF : 33.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_3748_avg_rms vs Slug



Right In: 91.796 $\pm$ 0.029 χ^2 /NDF: 547499.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 88.996 $\pm$ 0.026 χ^2 /NDF: 694692.5/15

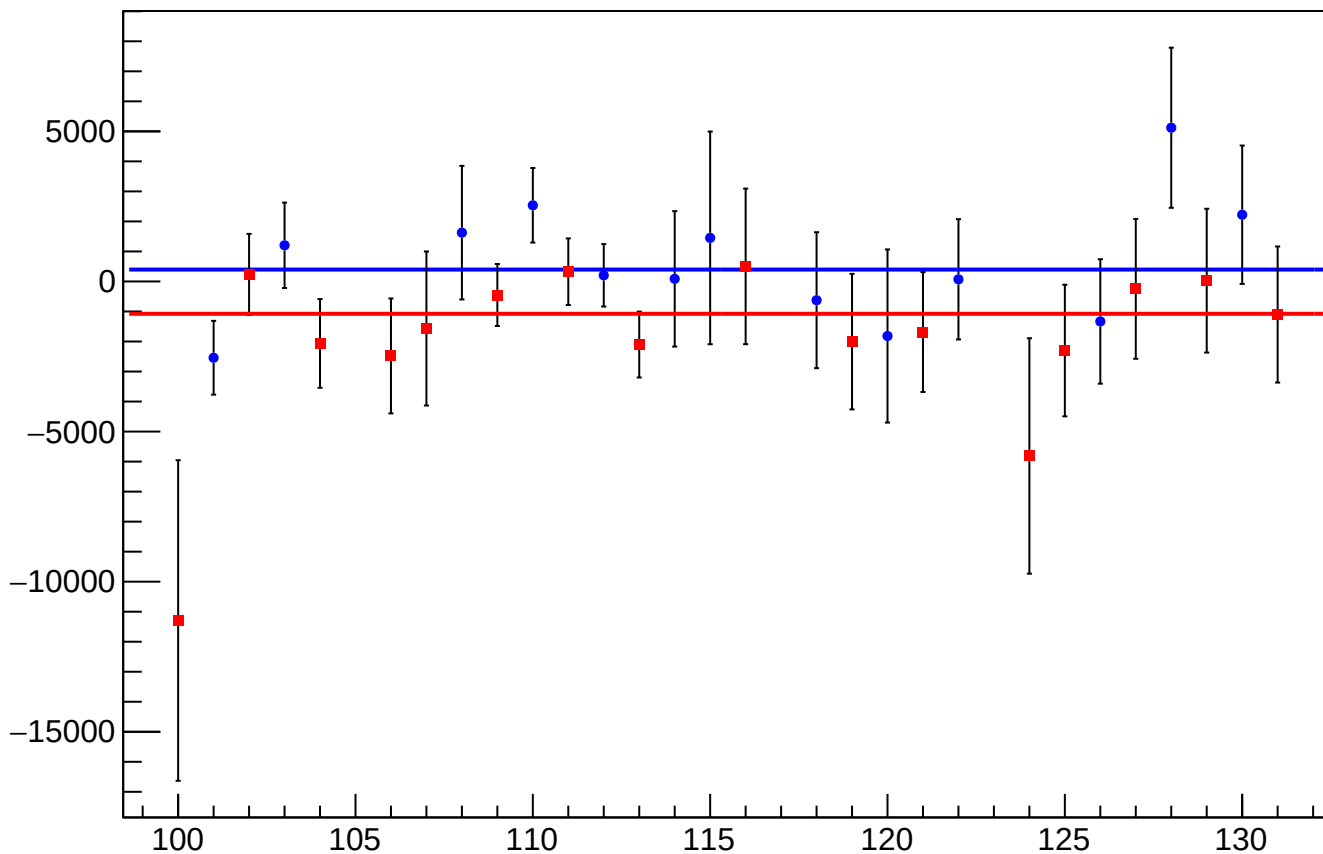
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 90.275 $\pm$ 0.019 χ^2 /NDF: 1247394.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_cor_correction_mean vs Slug



Right In: 396.438 $\pm$ 480.408 χ^2 /NDF: 14.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1076.659 $\pm$ 427.587 χ^2 /NDF: 11.2/15

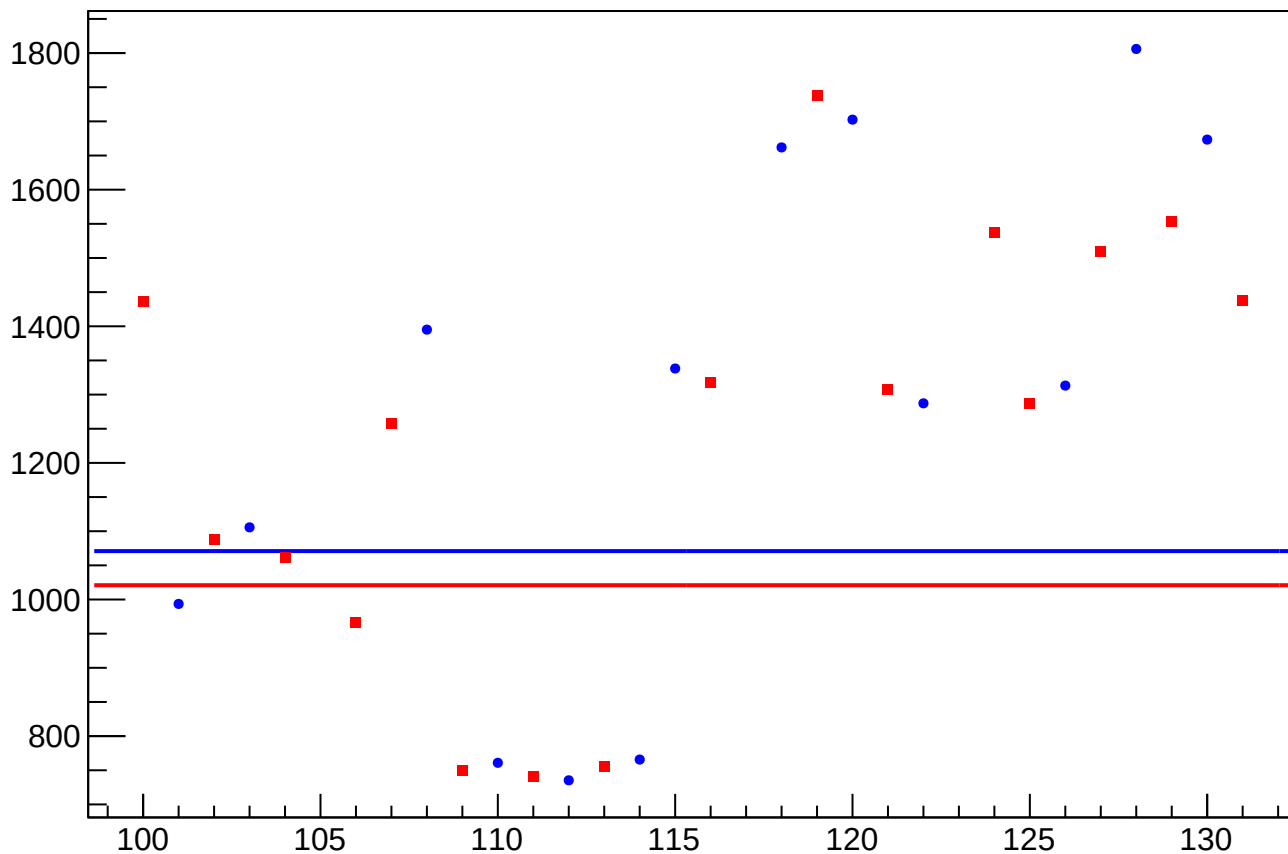
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -425.515 $\pm$ 319.399 χ^2 /NDF: 31.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_cor_correction_rms vs Slug



Right In: 1070.873+/-0.340 χ^2/NDF : 1003789.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

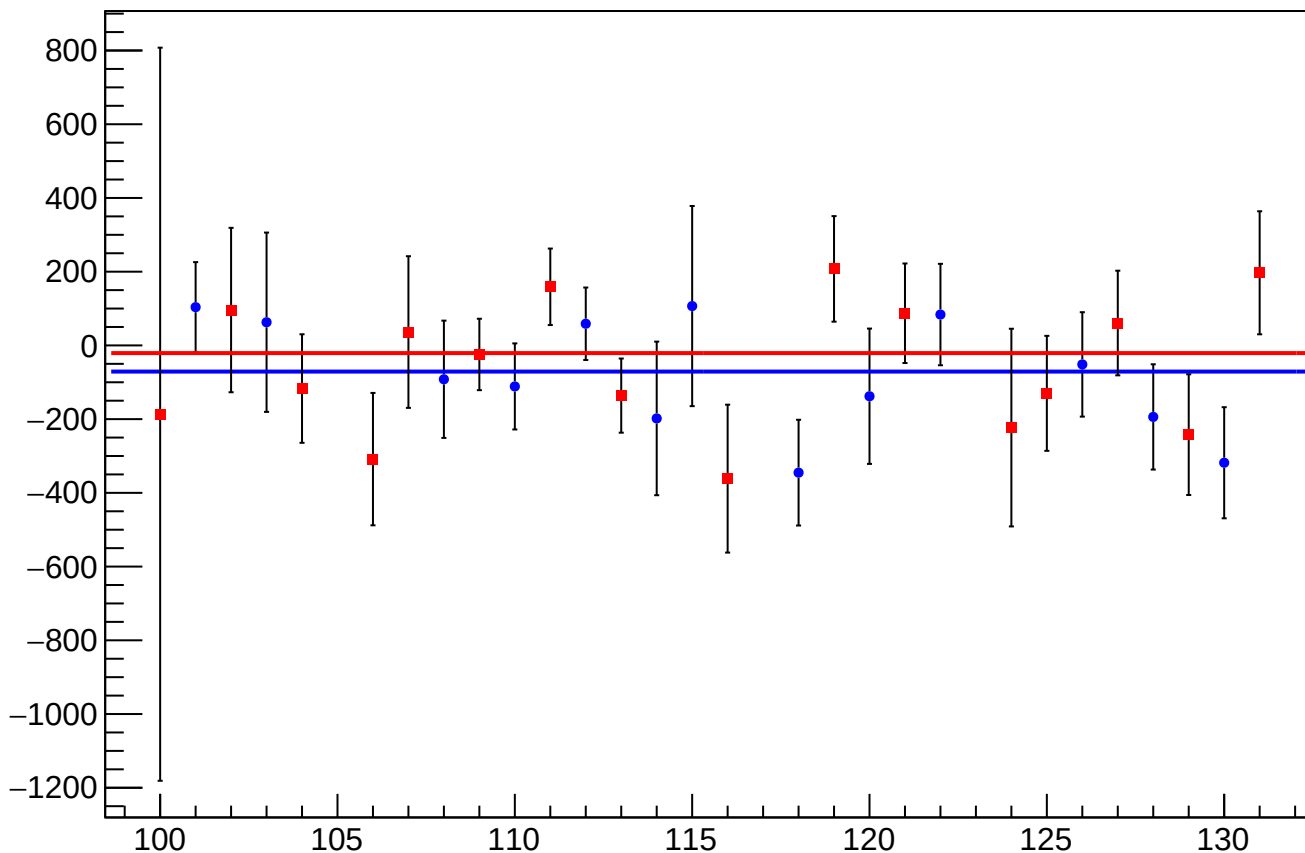
Right Out: 1020.932+/-0.302 χ^2/NDF : 1007586.6/15

All: 1043.007+/-0.226 χ^2/NDF : 2023436.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_3748_avg_mean vs Slug



Right In: -70.976 $\pm$ 40.457 χ^2 /NDF: 13.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -20.827 $\pm$ 37.098 χ^2 /NDF: 18.7/15

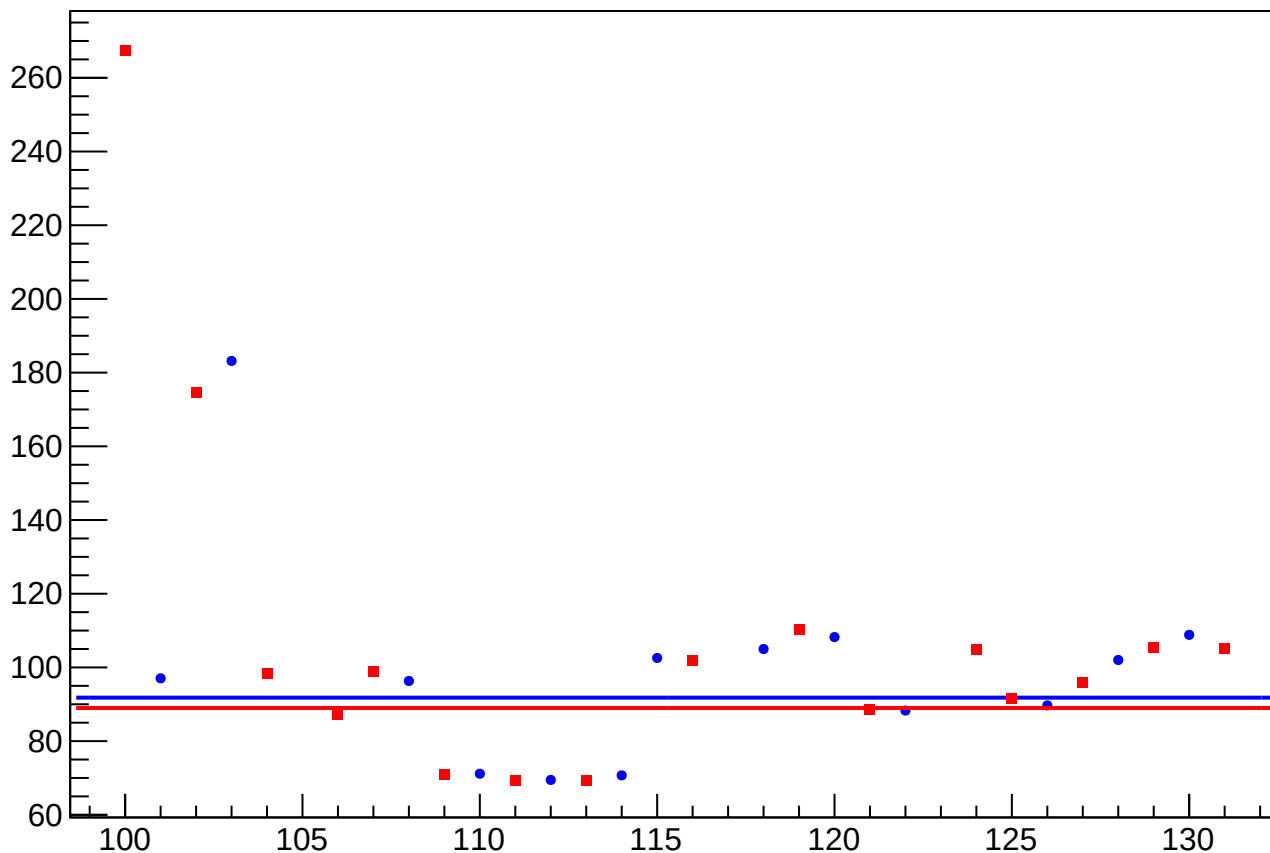
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -43.734 $\pm$ 27.343 χ^2 /NDF: 33.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_3748_avg_rms vs Slug



Right In: 91.796+/-0.029 χ^2/NDF : 547499.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.996+/-0.026 χ^2/NDF : 694692.5/15

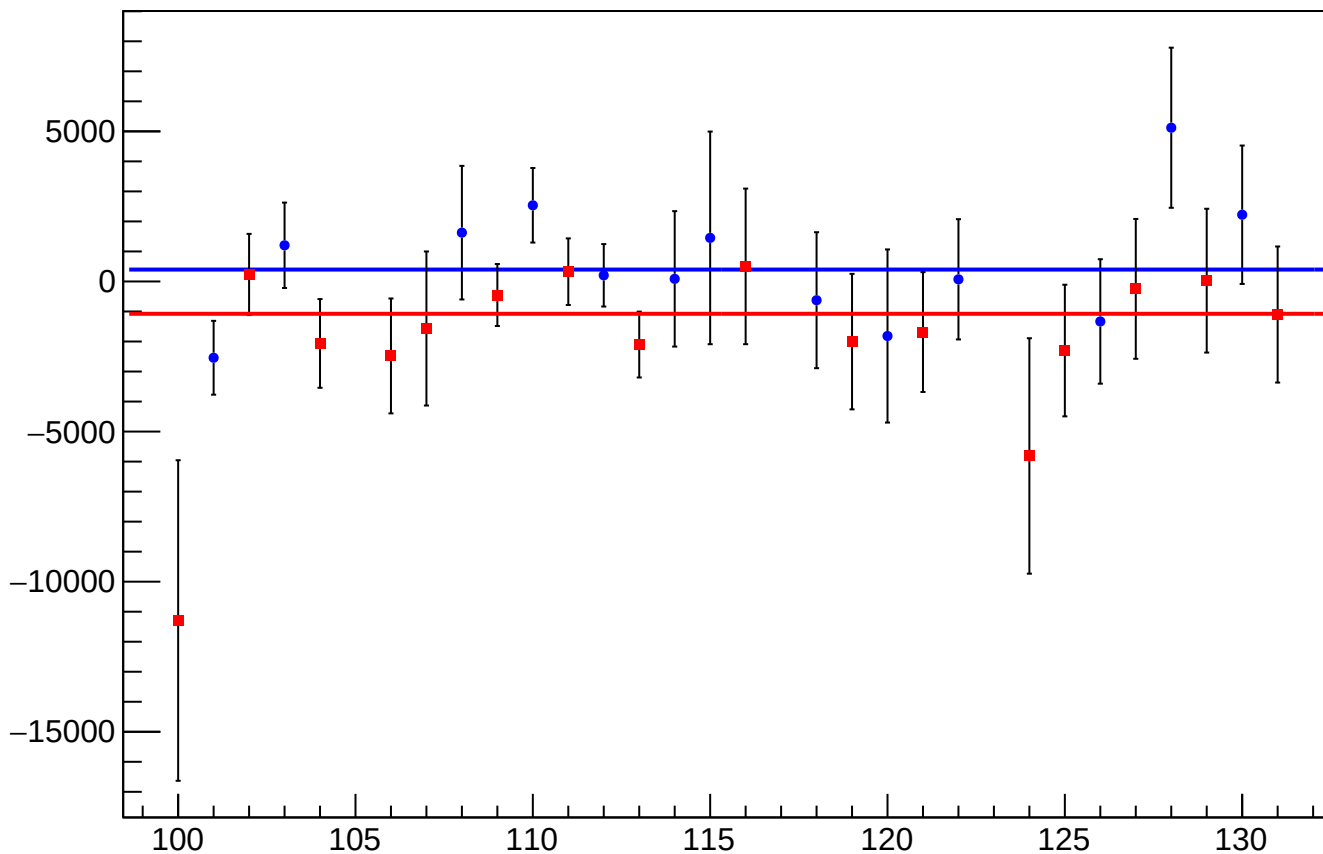
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.275+/-0.019 χ^2/NDF : 1247394.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_cor_correction_mean vs Slug



Right In: 396.438+/-480.408 χ^2/NDF : 14.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1076.659+/-427.587 χ^2/NDF : 11.2/15

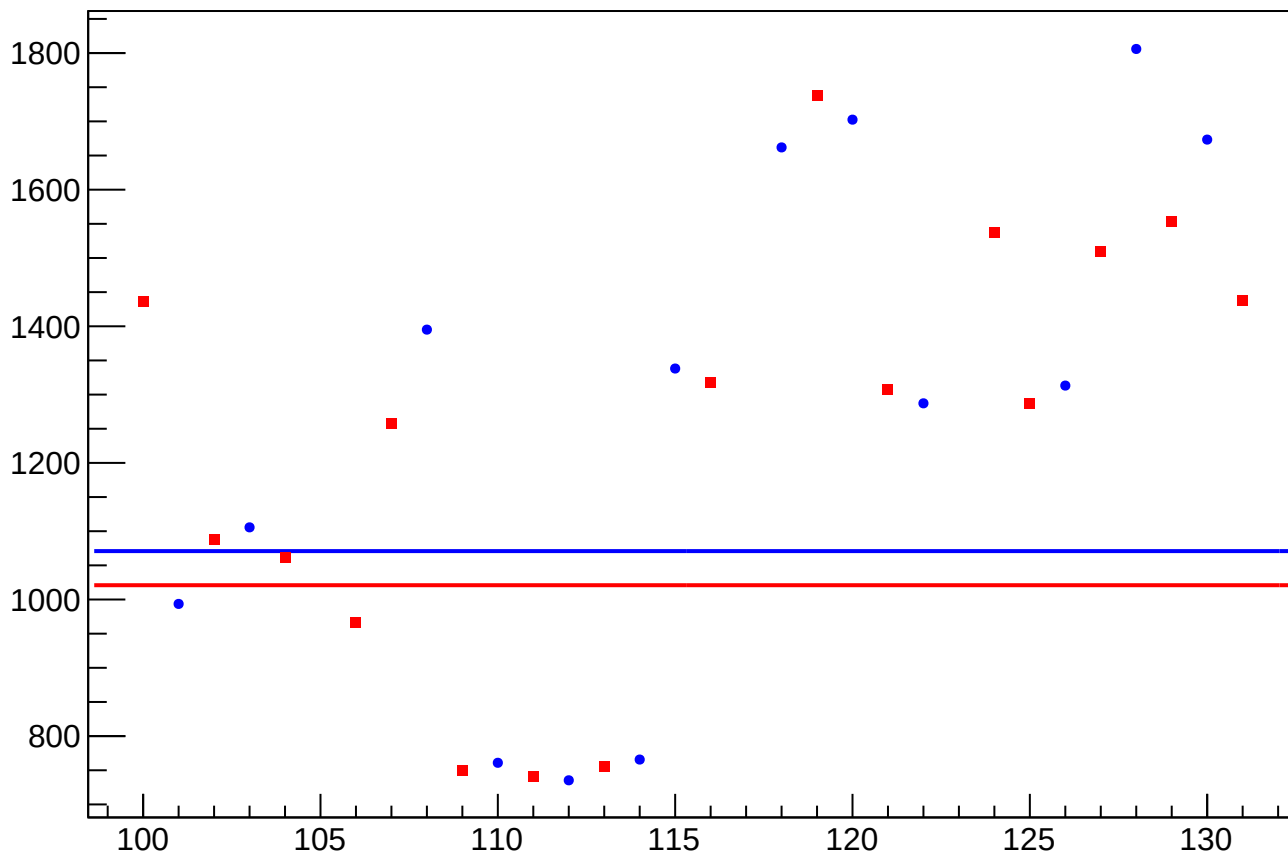
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -425.515+/-319.399 χ^2/NDF : 31.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_cor_correction_rms vs Slug



Right In: 1070.873+/-0.340 χ^2/NDF : 1003789.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

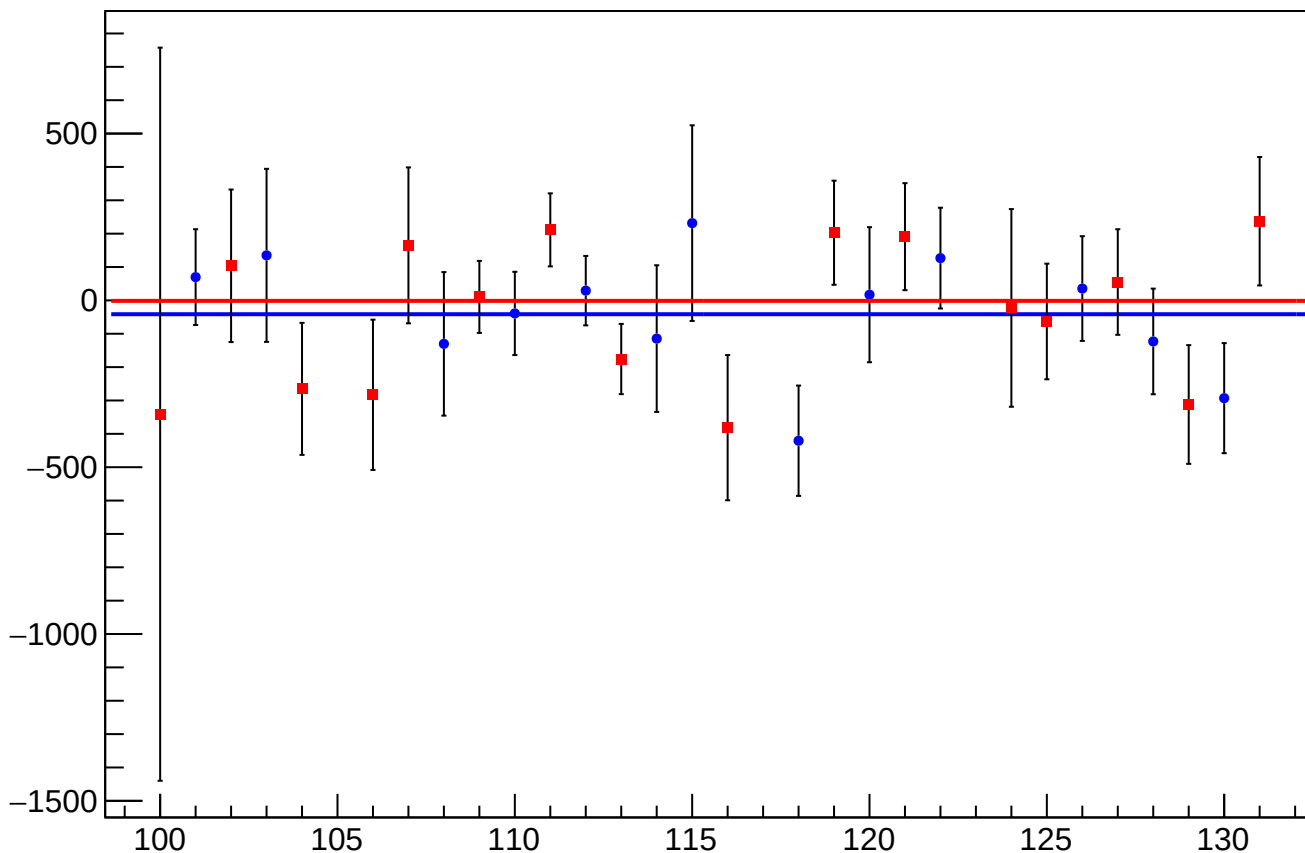
Right Out: 1020.932+/-0.302 χ^2/NDF : 1007586.6/15

All: 1043.007+/-0.226 χ^2/NDF : 2023436.1/28

- 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: -41.470 ± 44.901 χ^2/NDF : 12.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.441 ± 41.258 χ^2/NDF : 21.7/15

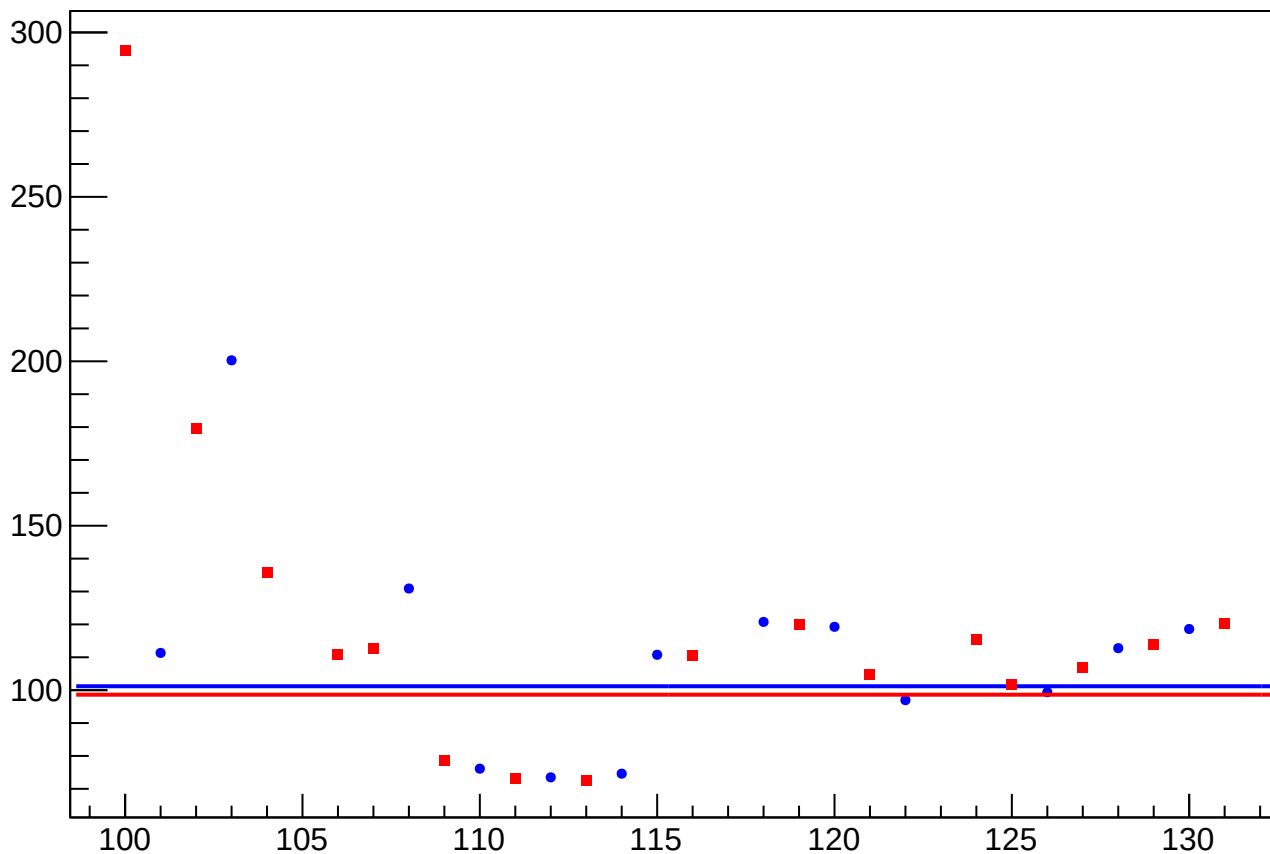
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -19.766 ± 30.380 χ^2/NDF : 34.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3748_avg_rms vs Slug



Right In: 101.192 $\pm$ 0.032 χ^2 /NDF: 672756.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 98.625 $\pm$ 0.029 χ^2 /NDF: 799434.7/15

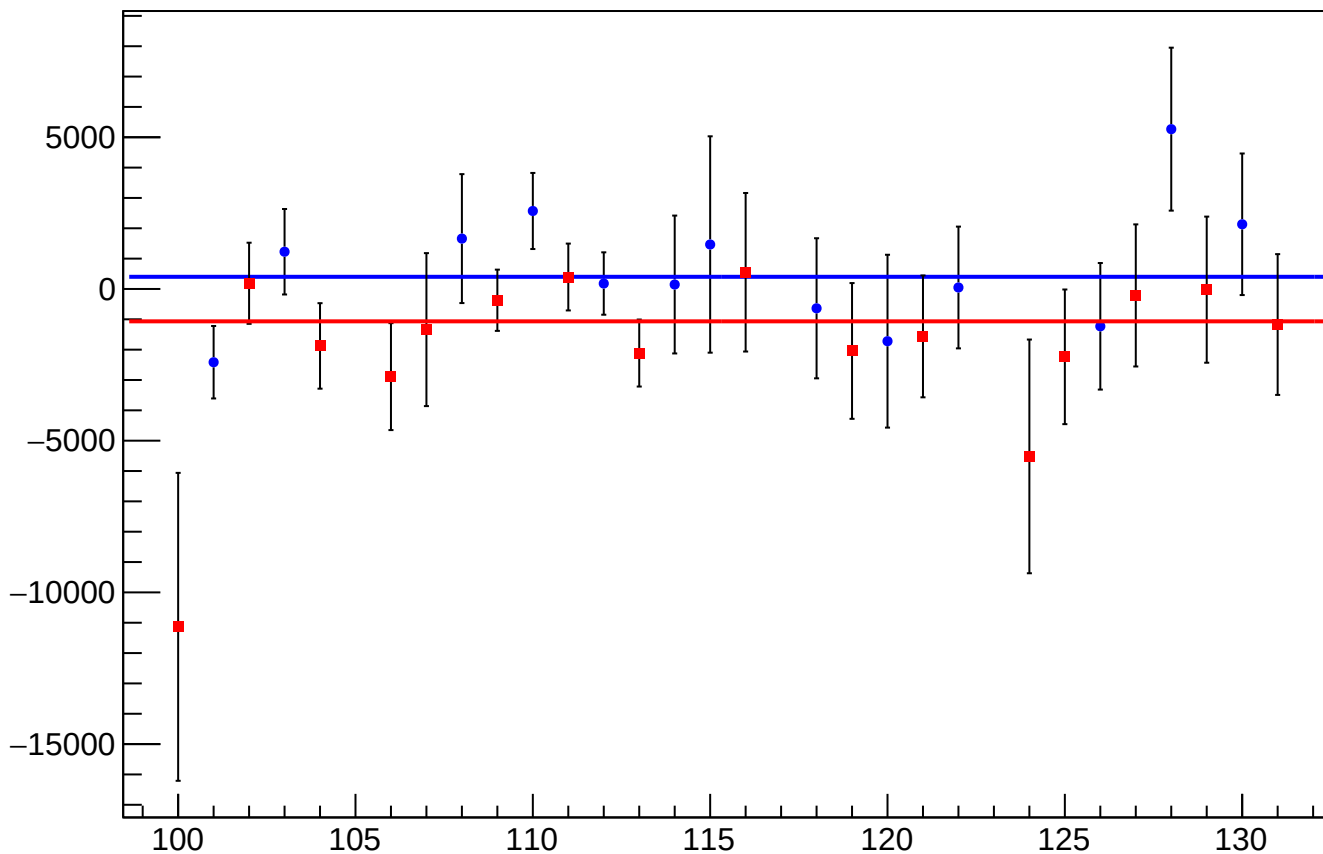
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 99.800 $\pm$ 0.021 χ^2 /NDF: 1475734.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_dit_correction_mean vs Slug



Right In: 400.883+/-477.115 χ^2/NDF : 14.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1066.889+/-422.082 χ^2/NDF : 11.9/15

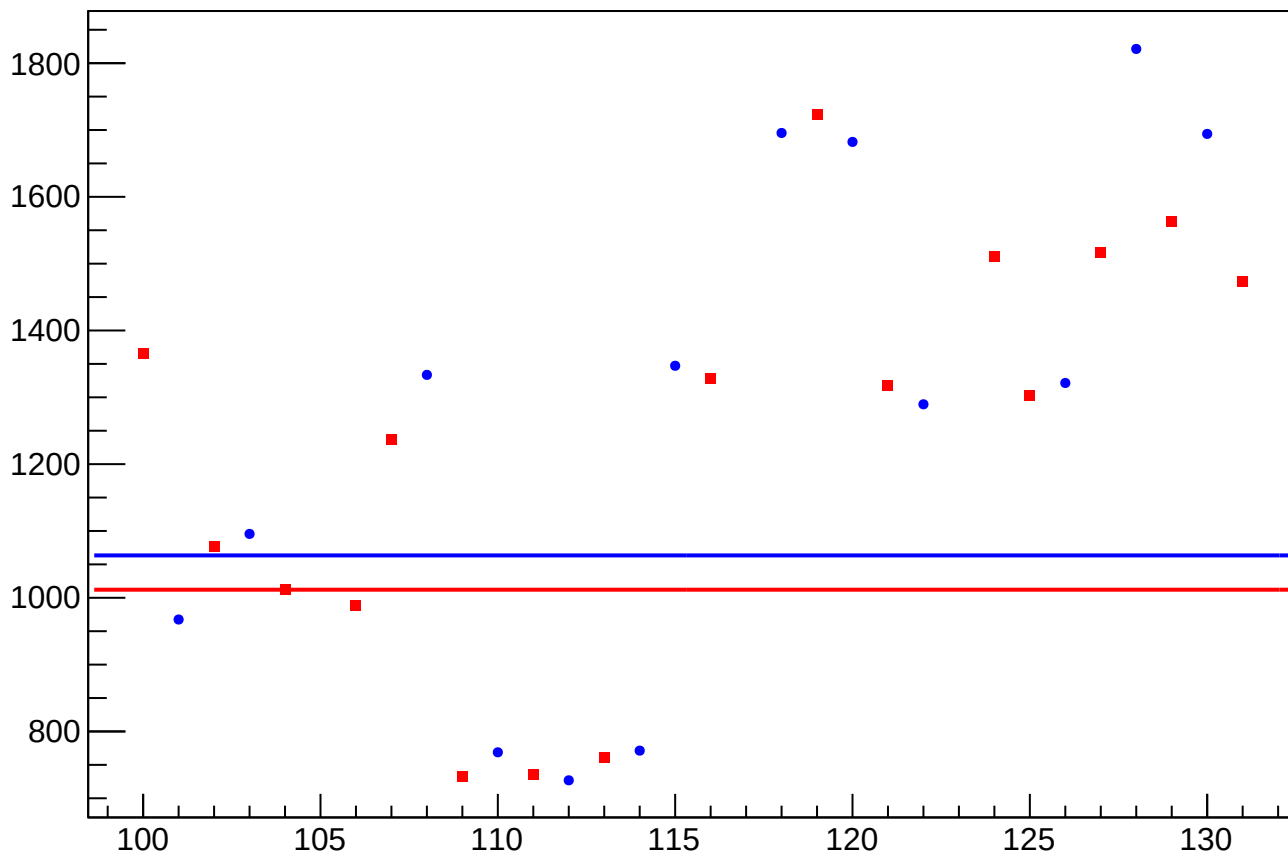
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -422.498+/-316.132 χ^2/NDF : 31.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_dit_correction_rms vs Slug



Right In: 1063.436 $\pm$ 0.337 χ^2 /NDF: 1022681.7/12

+ 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

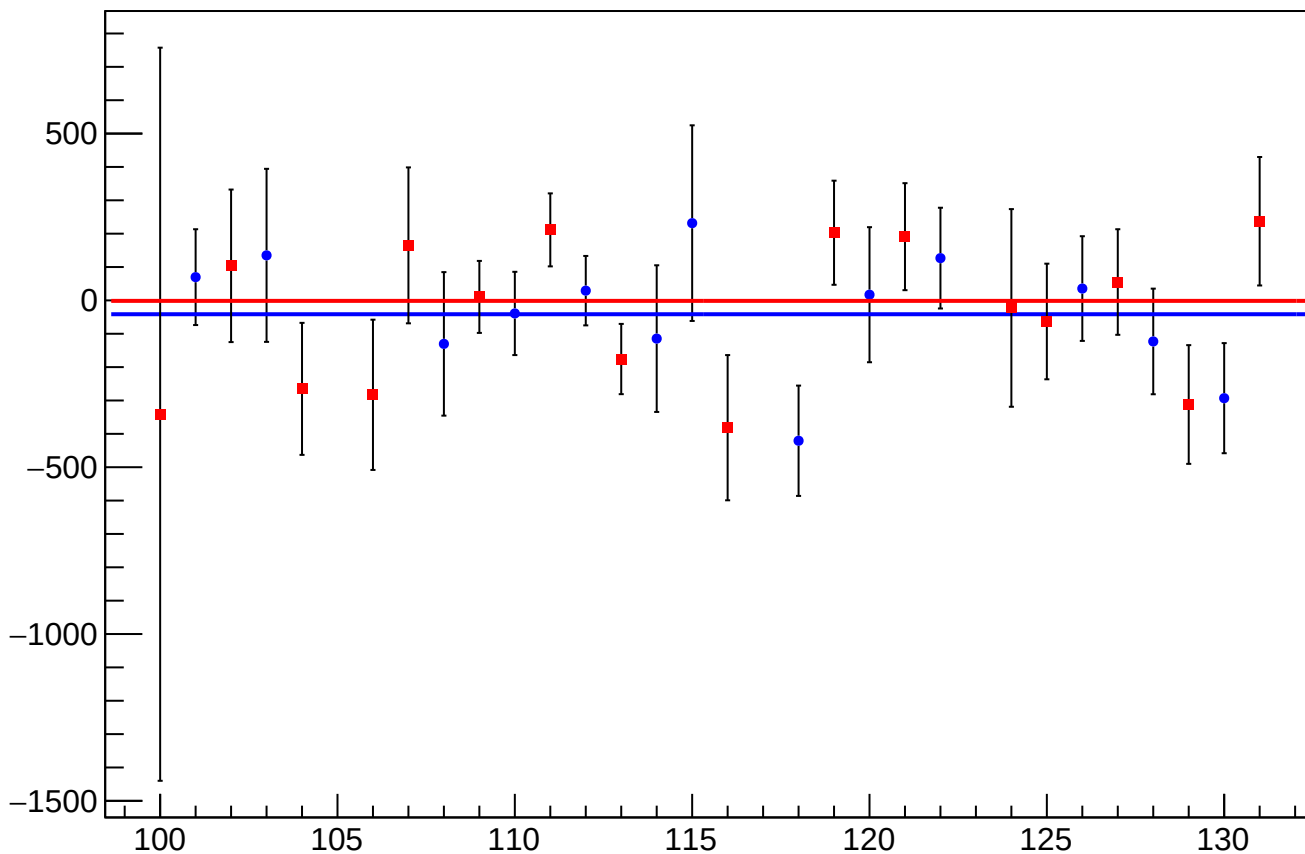
All: 1034.646 $\pm$ 0.224 χ^2 /NDF: 2069741.4/28

Right Out: 1012.114 $\pm$ 0.298 χ^2 /NDF: 1034078.2/15

- 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_3748_avg_mean vs Slug



Right In: -41.471 ± 44.901 χ^2/NDF : 12.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.439 ± 41.258 χ^2/NDF : 21.7/15

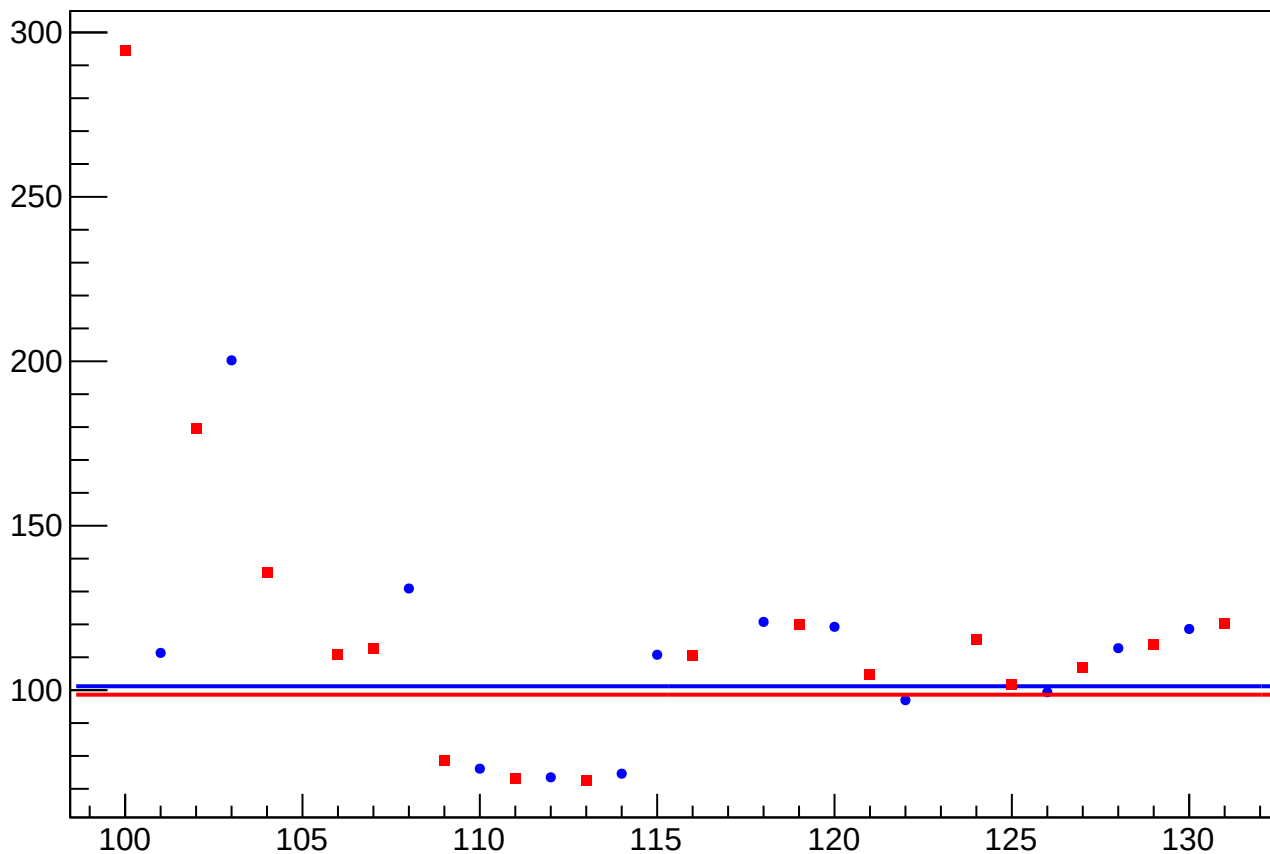
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -19.765 ± 30.380 χ^2/NDF : 34.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_3748_avg_rms vs Slug



Right In: 101.192+/-0.032 χ^2/NDF : 672755.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.625+/-0.029 χ^2/NDF : 799433.4/15

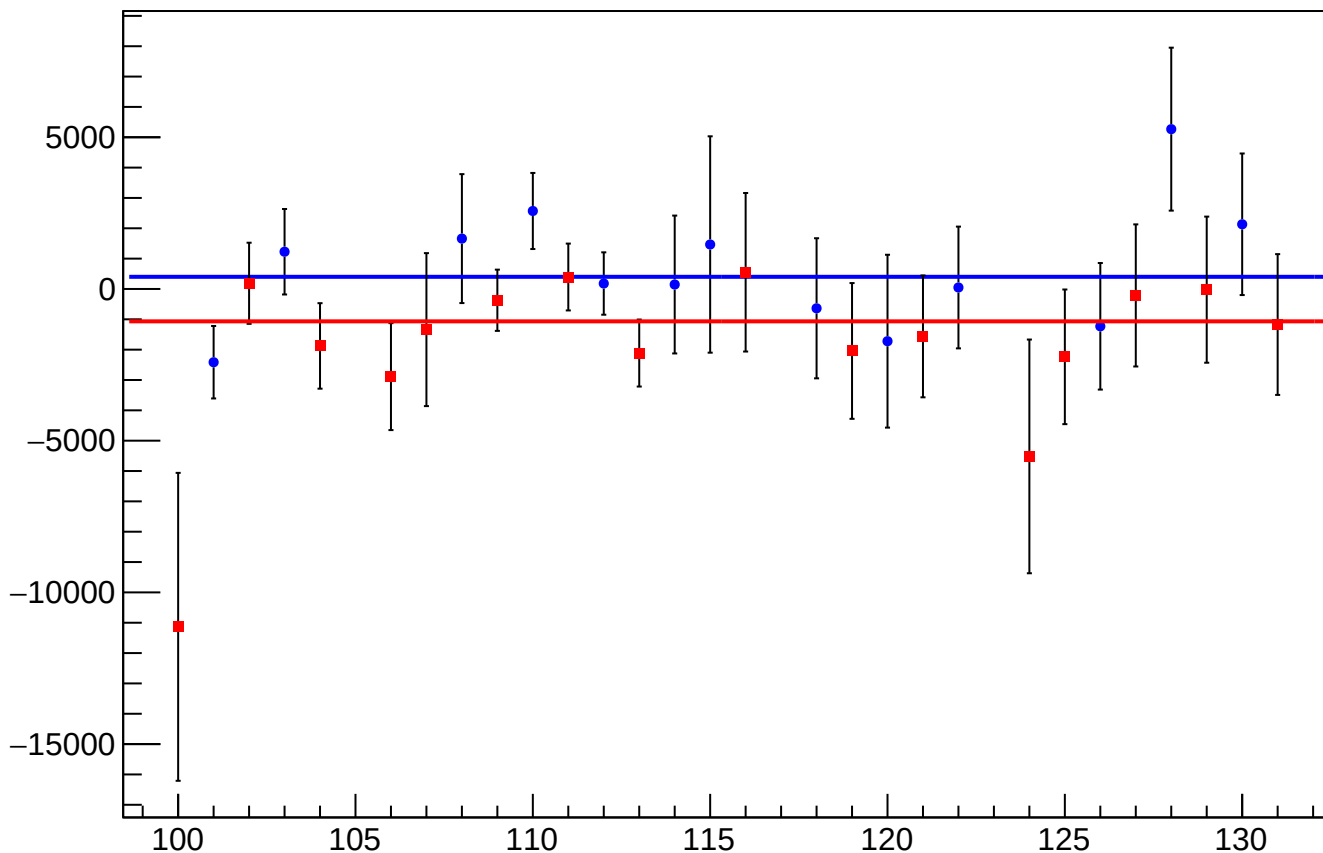
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.800+/-0.021 χ^2/NDF : 1475733.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_dit_correction_mean vs Slug



Right In: 400.882 $\pm$ 477.114 χ^2 /NDF: 14.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1066.887 $\pm$ 422.081 χ^2 /NDF: 11.9/15

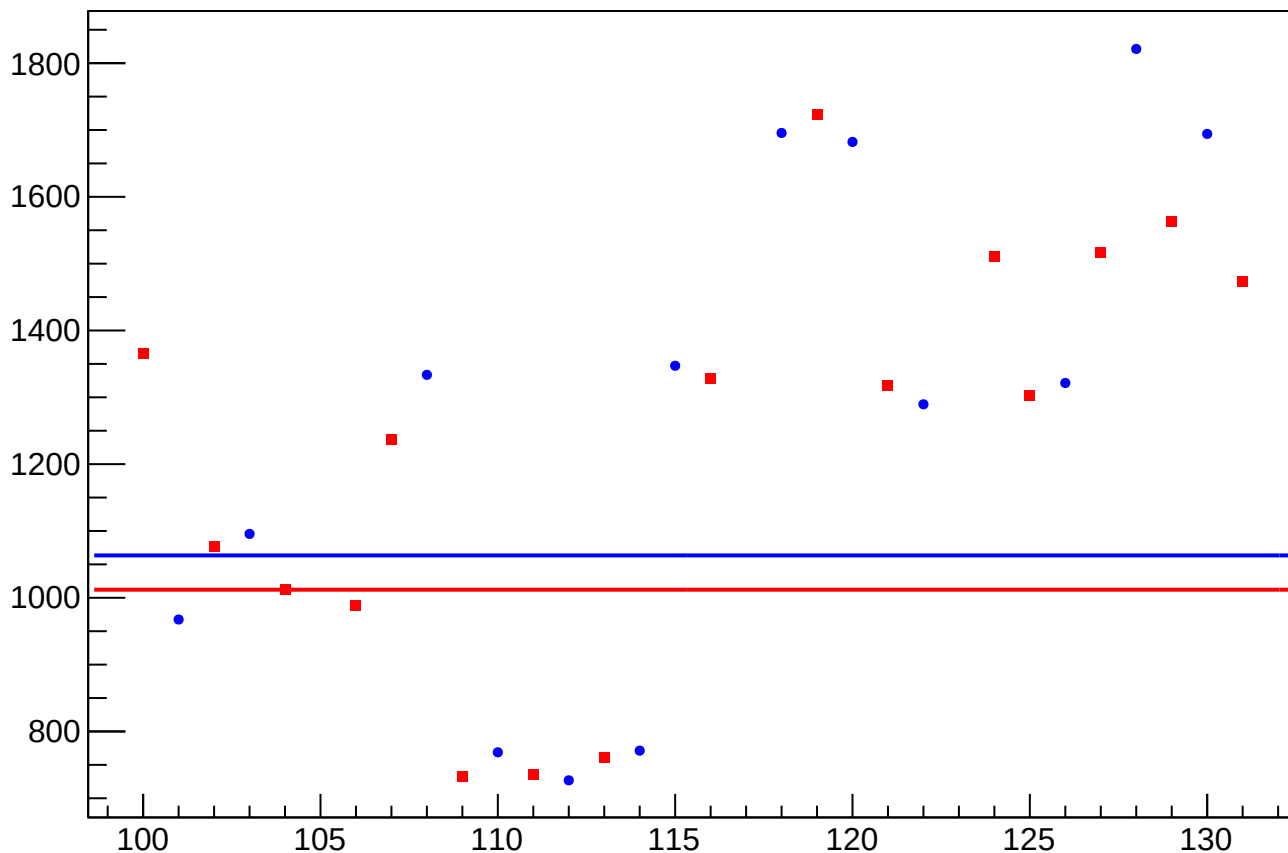
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -422.497 $\pm$ 316.131 χ^2 /NDF: 31.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_dit_correction_rms vs Slug



Right In: 1063.434 $\pm$ 0.337 χ^2 /NDF: 1022687.2/12

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

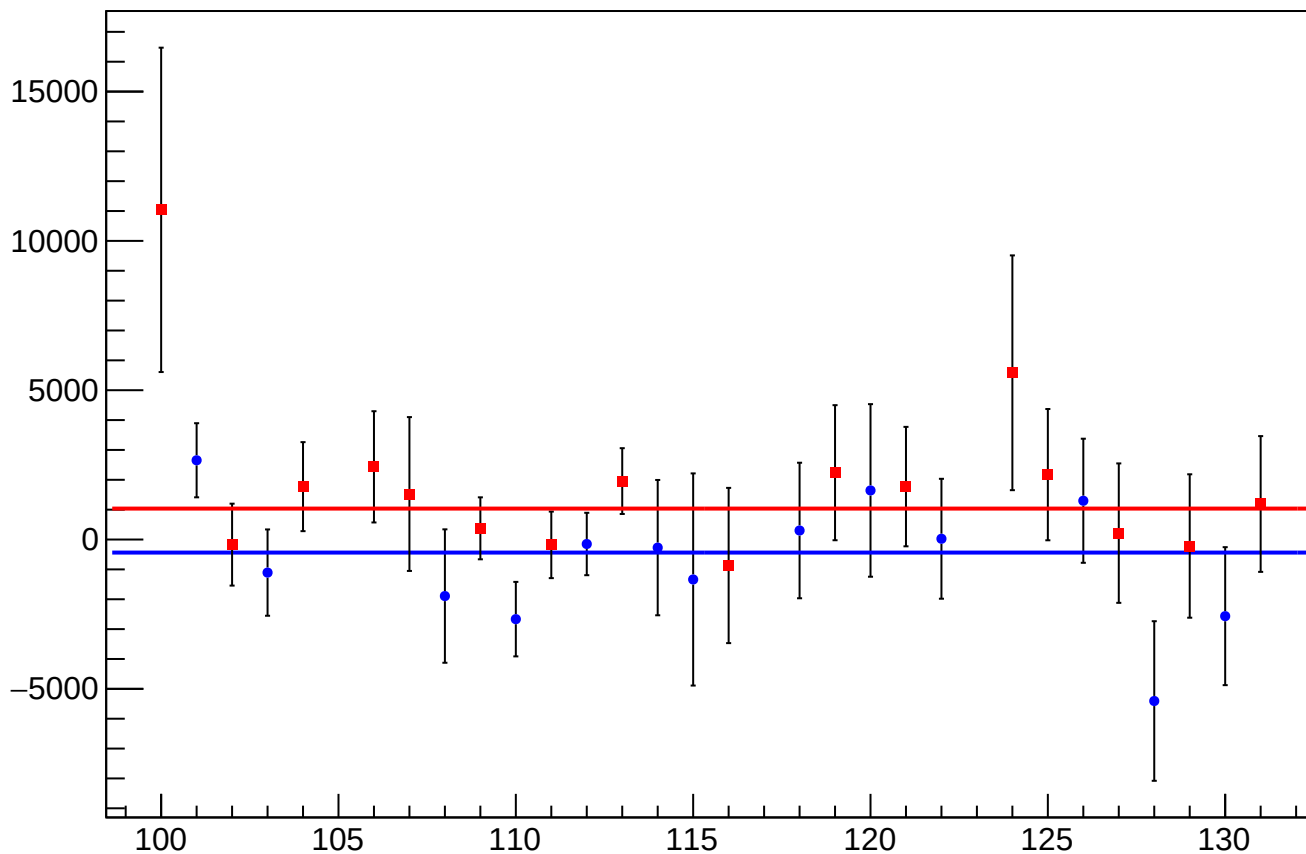
Right Out: 1012.113 $\pm$ 0.298 χ^2 /NDF: 1034080.9/15

All: 1034.644 $\pm$ 0.224 χ^2 /NDF: 2069749.4/28

Left 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_sam_3748_avg_mean vs Slug



Right In: -436.844+/-483.221 χ^2/NDF : 15.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1036.135+/-429.178 χ^2/NDF : 10.3/15

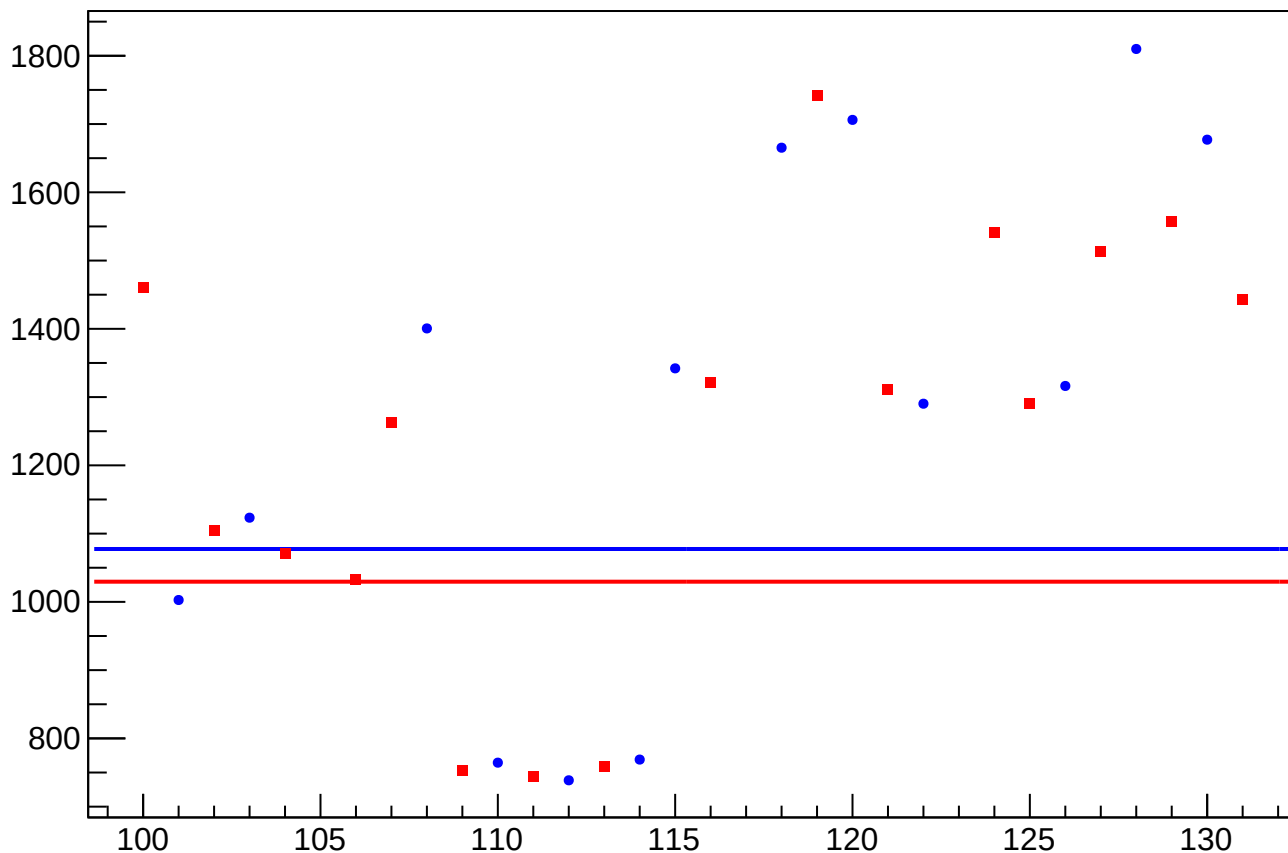
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 386.588+/-320.887 χ^2/NDF : 31.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_rms vs Slug



Right In: 1077.462 $\pm$ 0.342 χ^2 /NDF: 998465.7/12

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

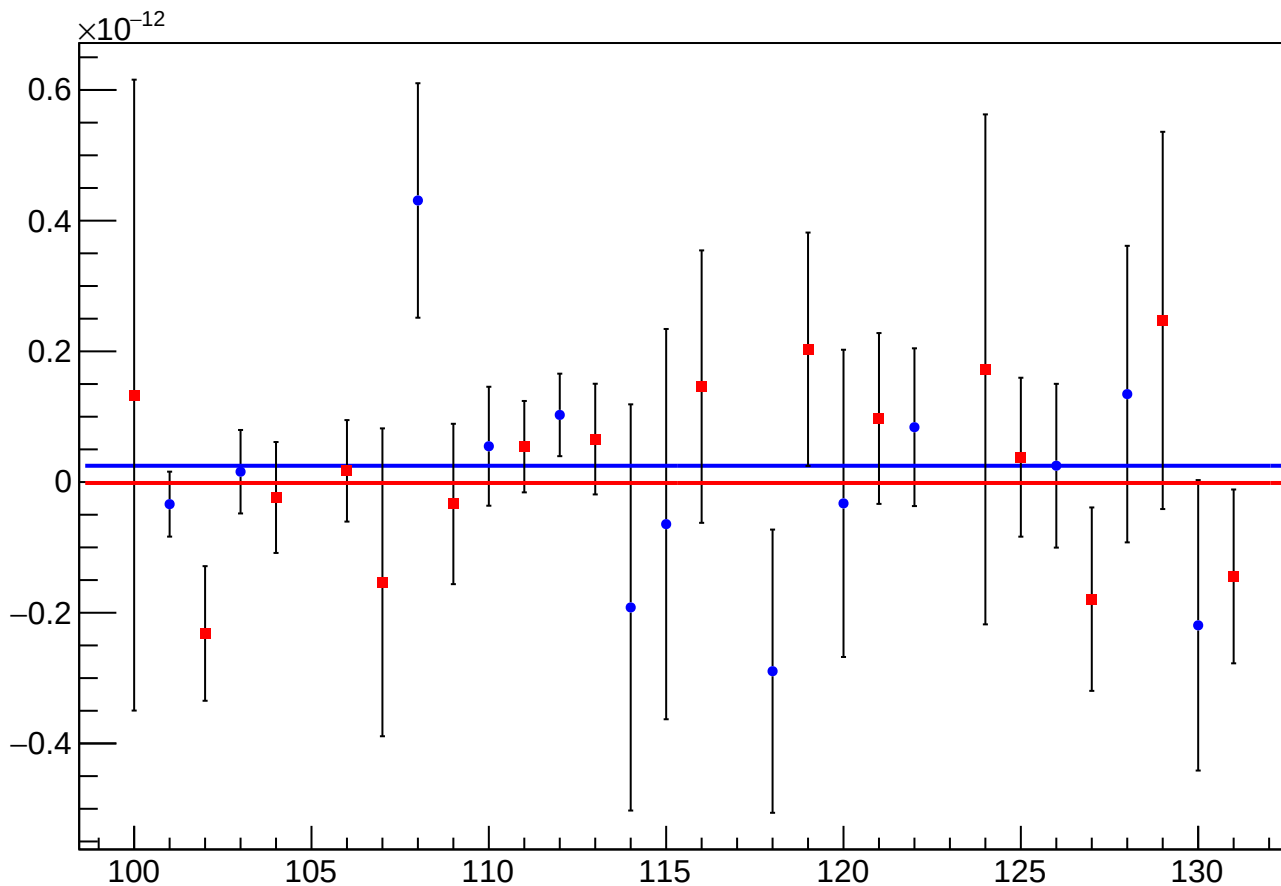
Right Out: 1029.566 $\pm$ 0.303 χ^2 /NDF: 1003369.3/15

All: 1050.687 $\pm$ 0.227 χ^2 /NDF: 2012819.4/28

- 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+/-0.000 χ^2/NDF : 12.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.1/15

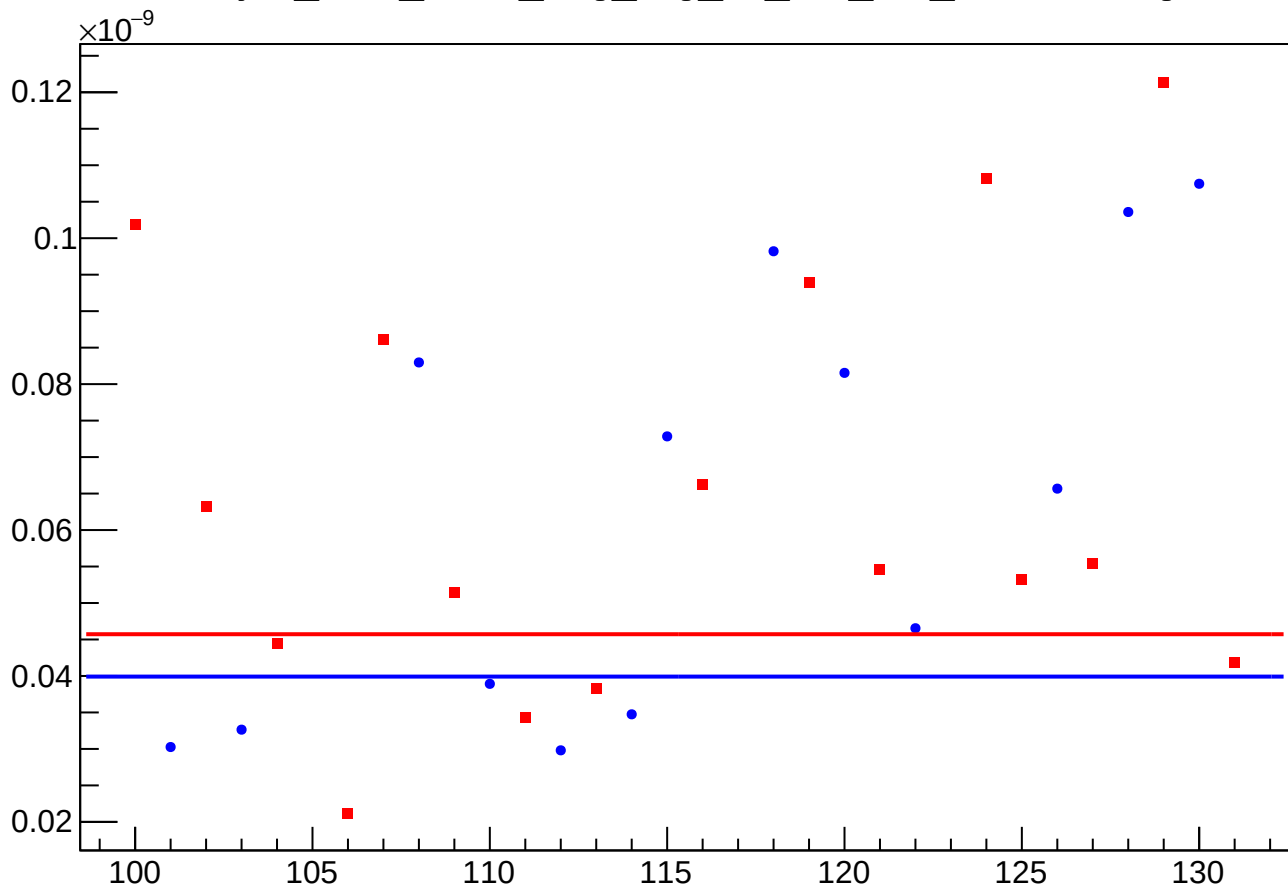
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.1/28

- sign 0.000+/-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: 933221.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 799037.4/15

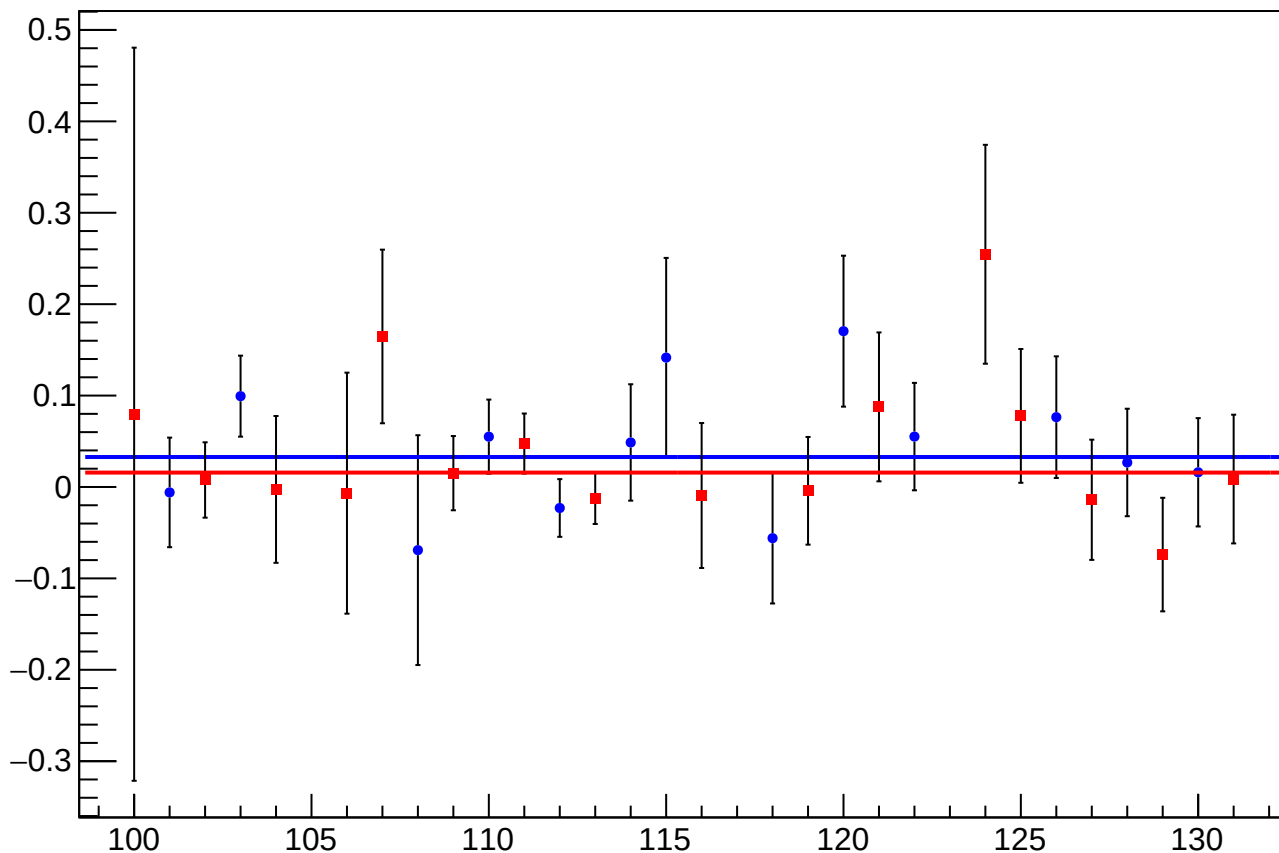
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1772985.3/28

- 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: 0.033 $\pm$ 0.015 χ^2 /NDF: 12.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.016 $\pm$ 0.014 χ^2 /NDF: 12.5/15

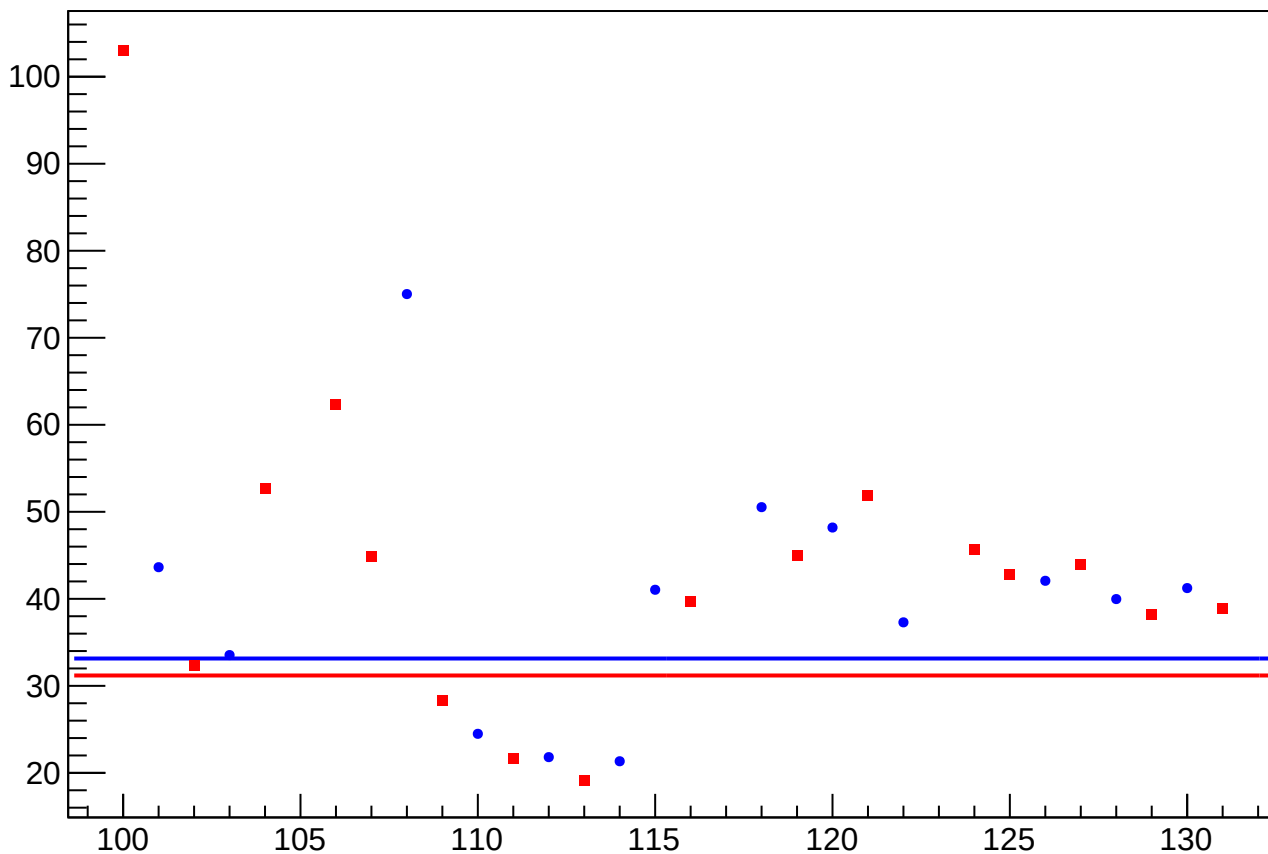
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.023 $\pm$ 0.010 χ^2 /NDF: 26.0/28

- 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: 33.142+/-0.011 χ^2/NDF : 1006937.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.191+/-0.010 χ^2/NDF : 1369928.2/15

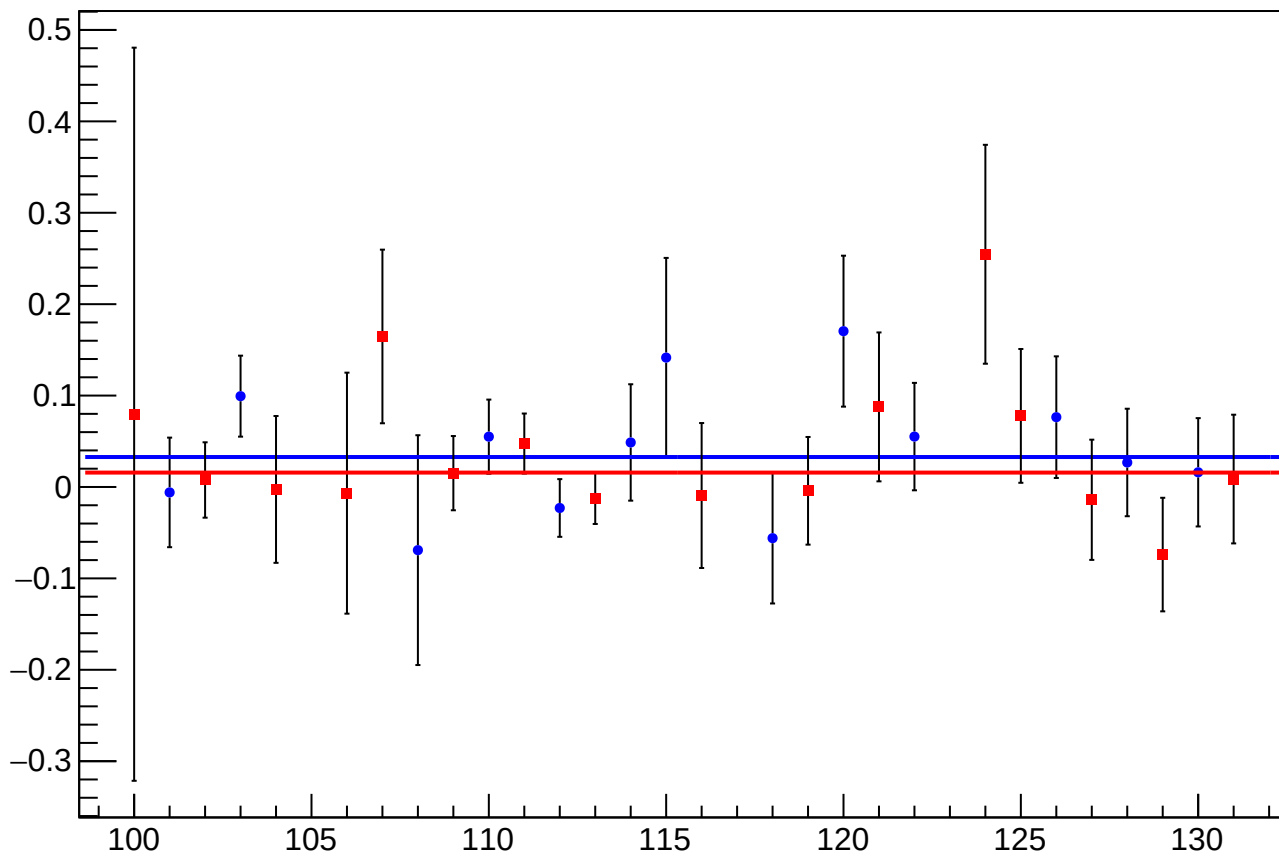
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.061+/-0.007 χ^2/NDF : 2394685.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.033+/-0.015 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.014 χ^2/NDF : 12.5/15

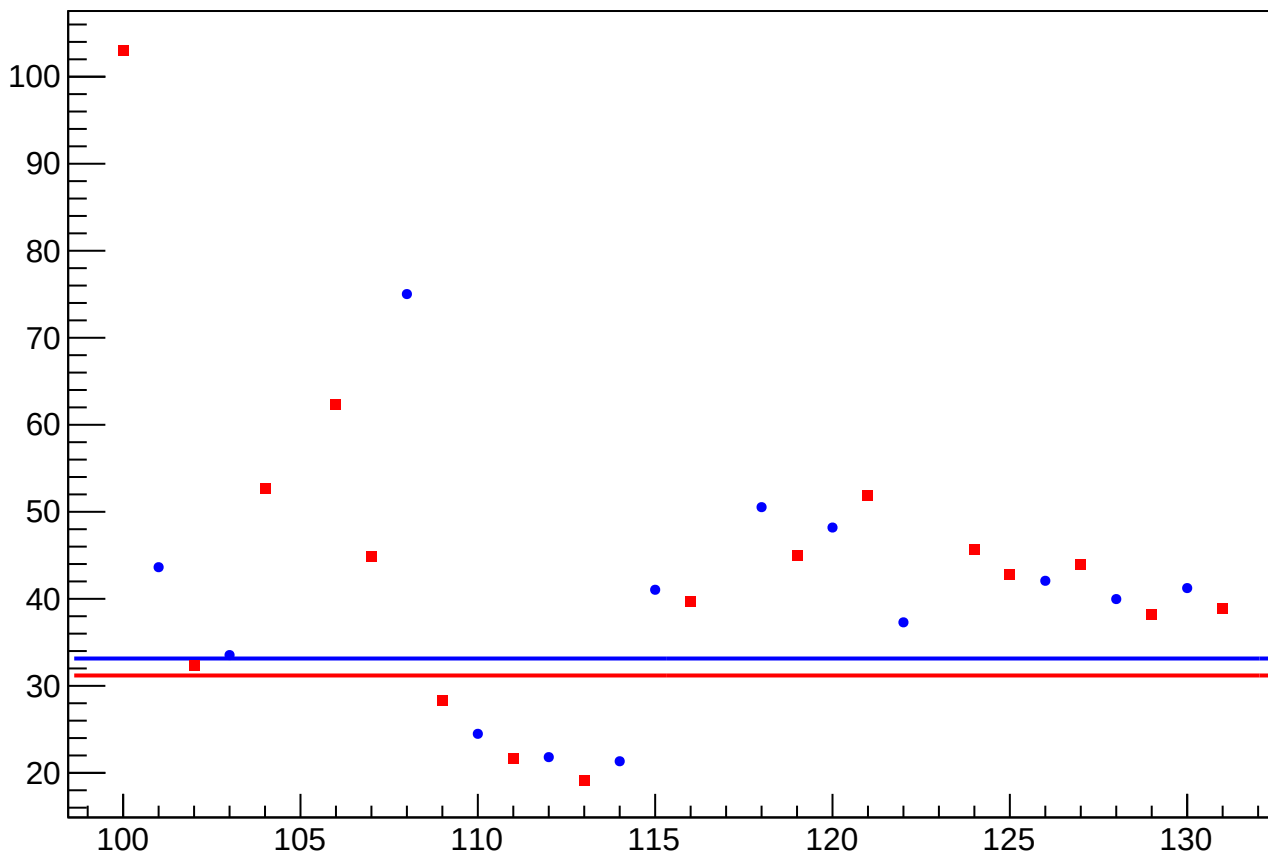
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.010 χ^2/NDF : 26.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 33.142 $\pm$ 0.011 χ^2 /NDF: 1006937.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 31.191 $\pm$ 0.010 χ^2 /NDF: 1369928.2/15

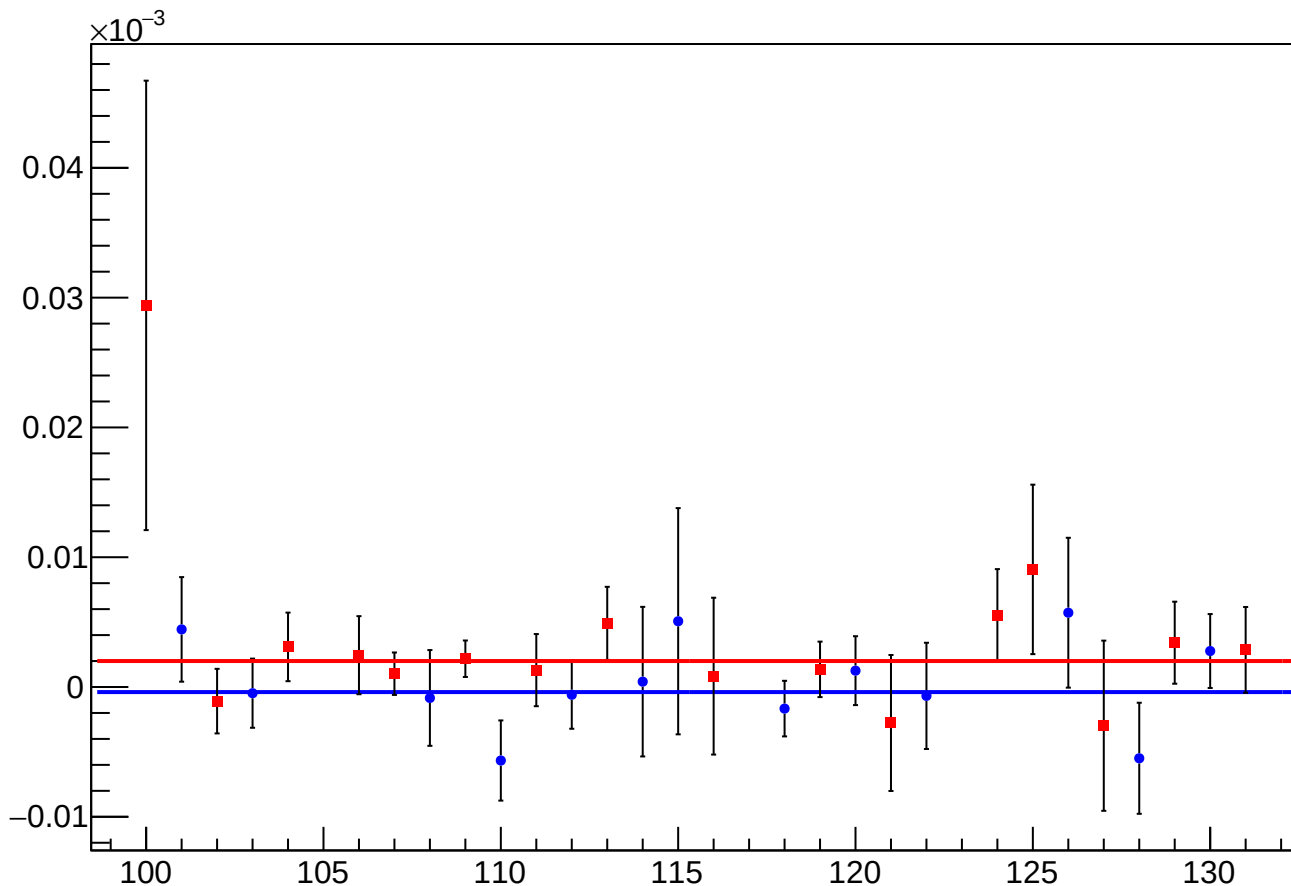
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.061 $\pm$ 0.007 χ^2 /NDF: 2394685.8/28

- sign 0.000 $\pm$ 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: 9.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.7/15

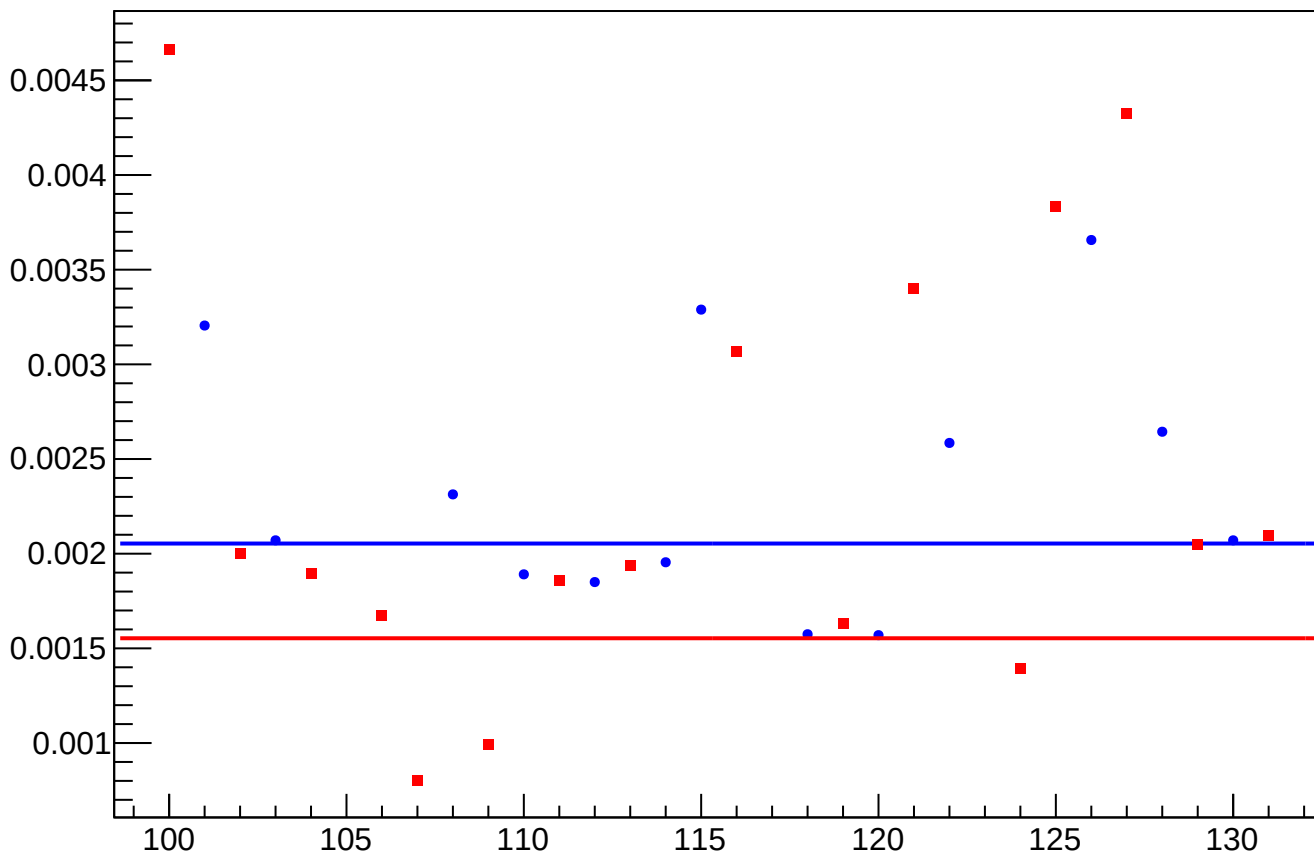
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.4/28

- 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 : 624448.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2054318.3/15

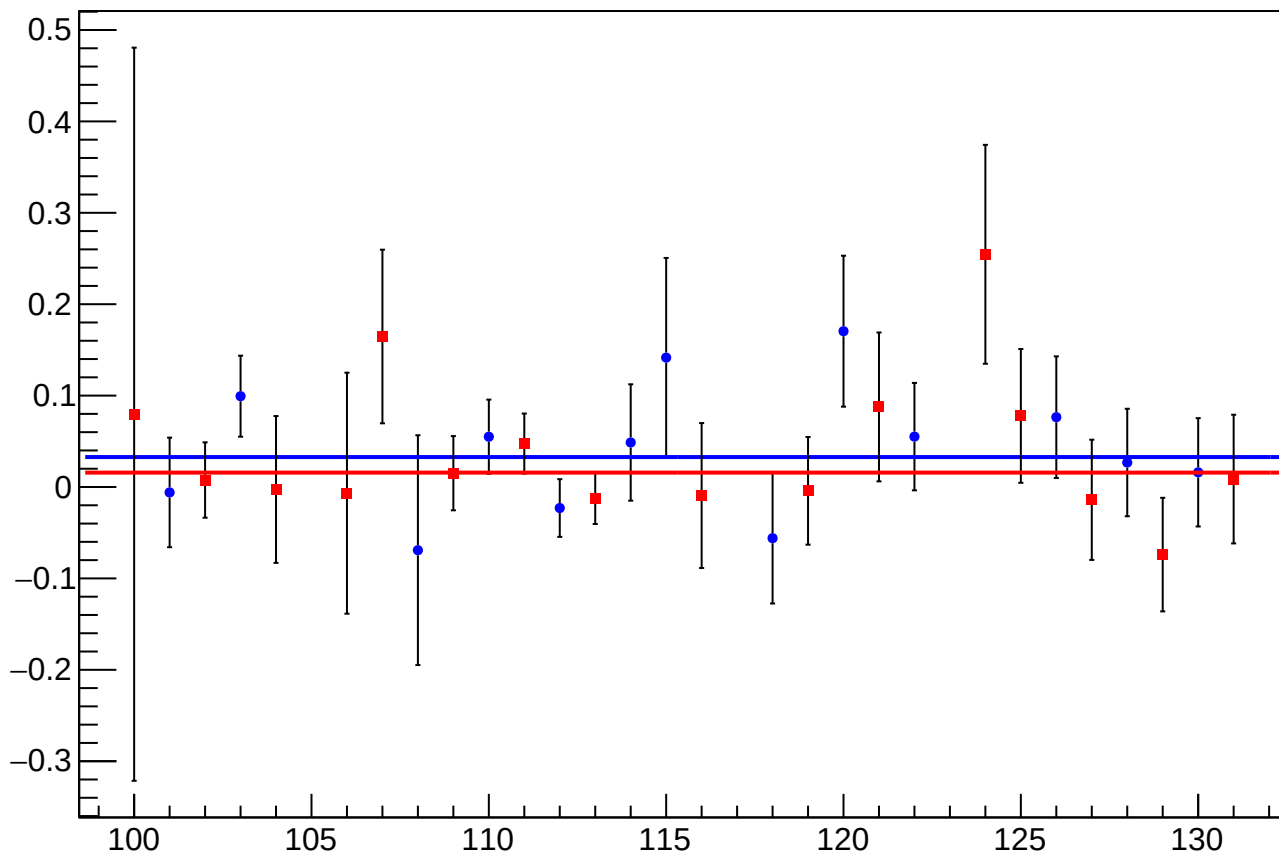
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3064163.4/28

- 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: 0.033+/-0.015 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.014 χ^2/NDF : 12.5/15

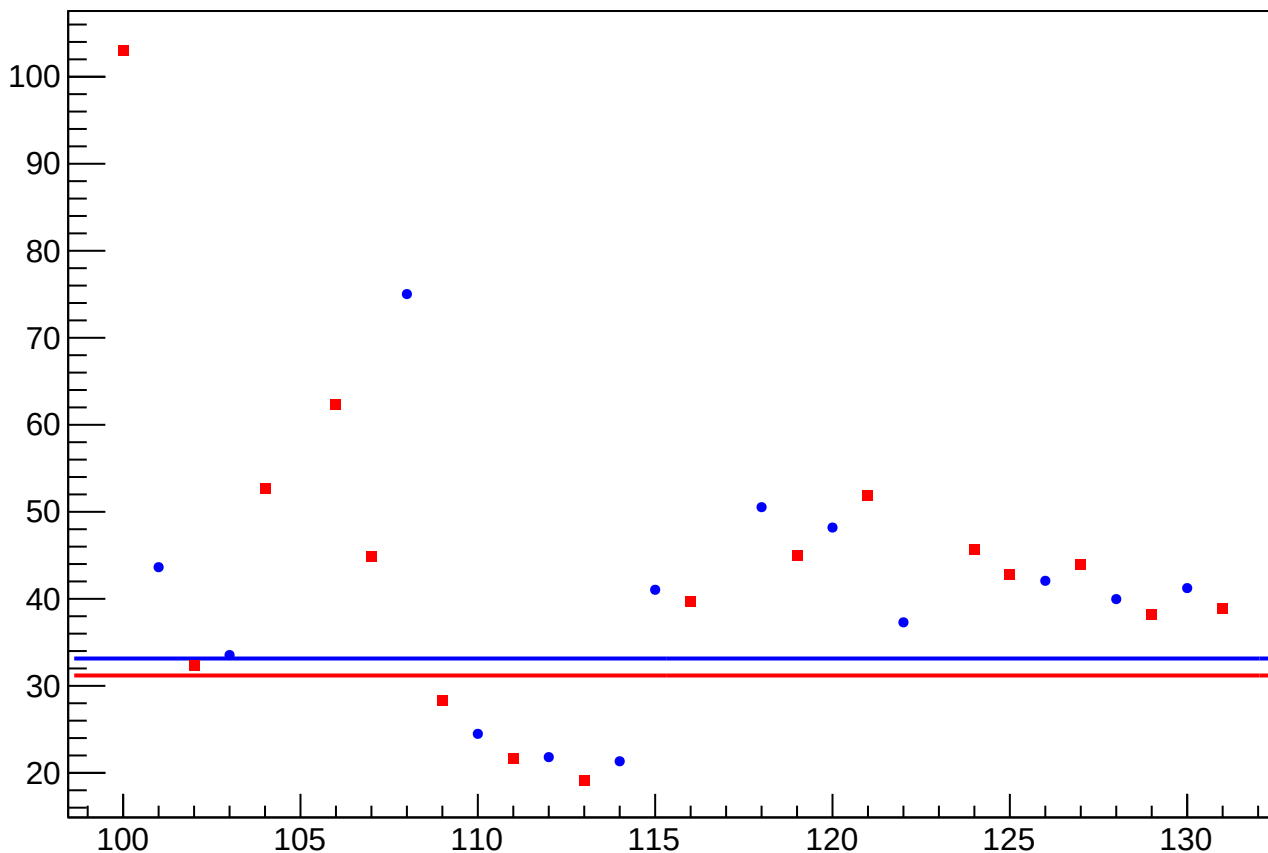
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.010 χ^2/NDF : 26.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 33.143+/-0.011 χ^2/NDF : 1006906.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.192+/-0.010 χ^2/NDF : 1369887.6/15

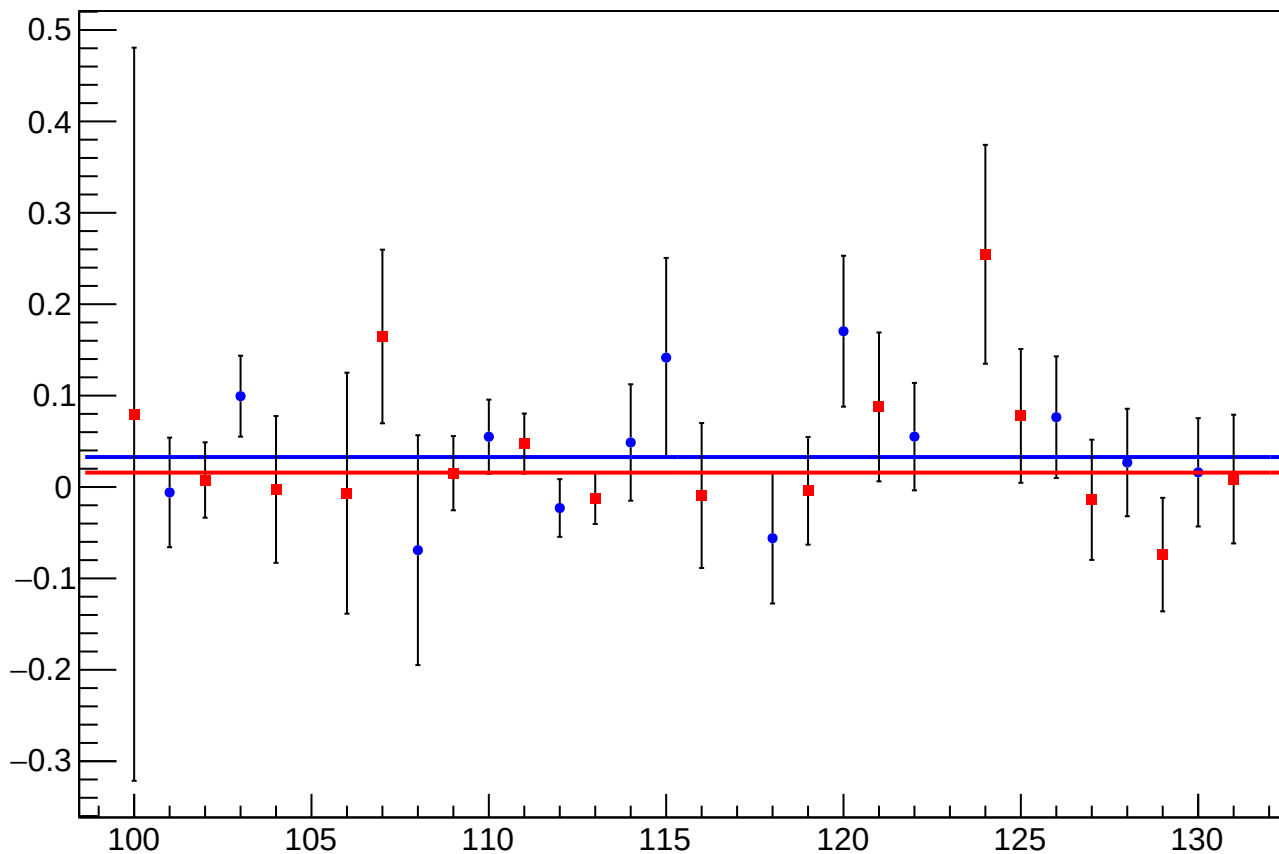
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.062+/-0.007 χ^2/NDF : 2394614.0/28

- 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: 0.033+/-0.015 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.014 χ^2/NDF : 12.5/15

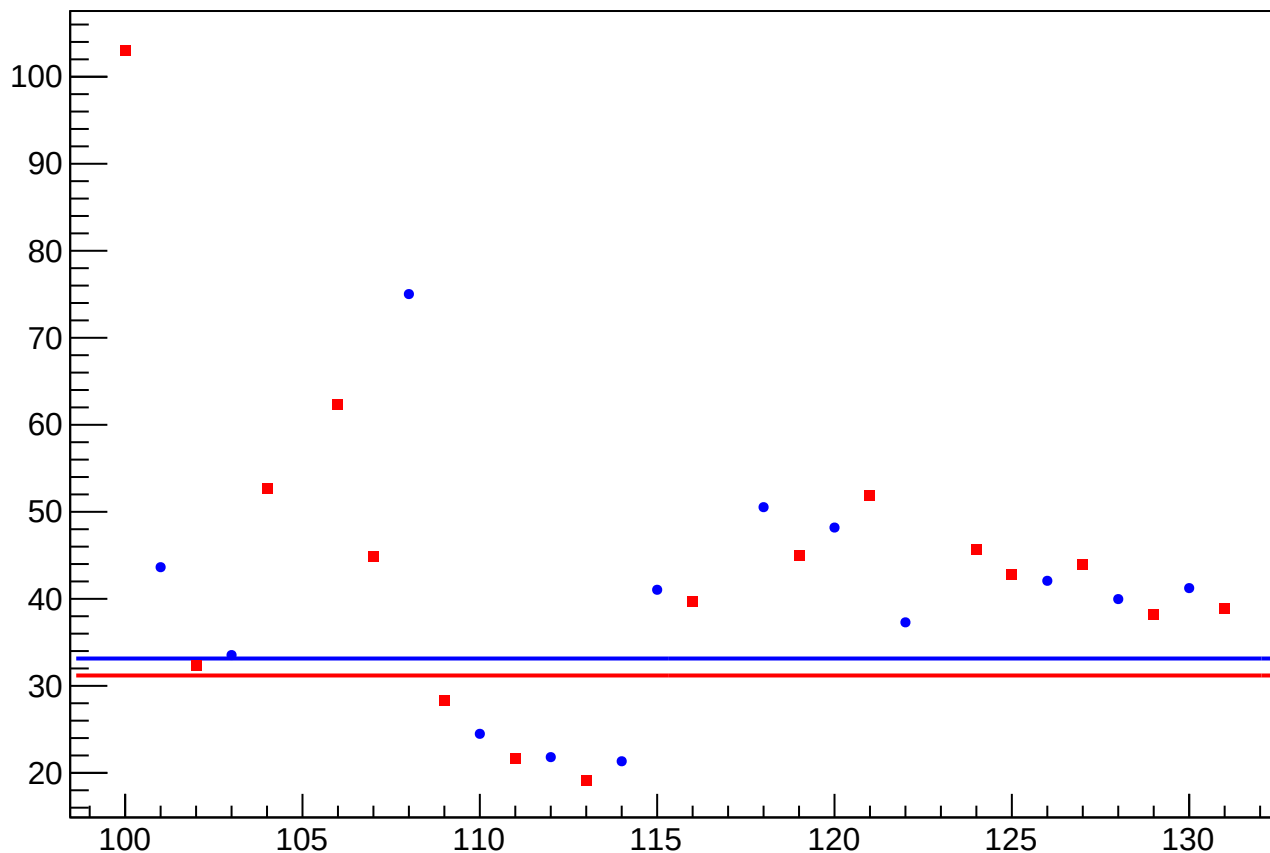
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.010 χ^2/NDF : 26.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 33.143+/-0.011 χ^2/NDF : 1006906.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.192+/-0.010 χ^2/NDF : 1369887.6/15

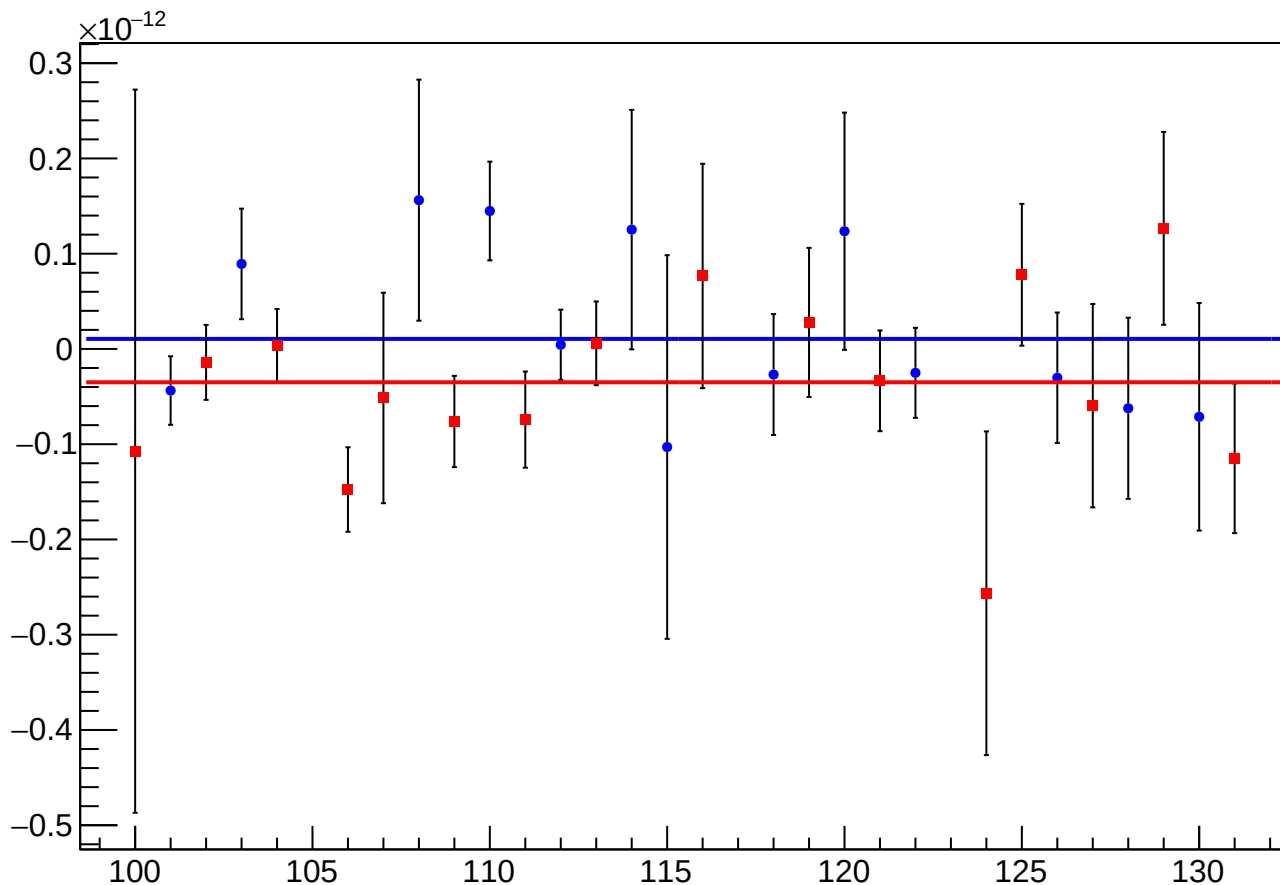
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.062+/-0.007 χ^2/NDF : 2394614.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 16.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.1/15

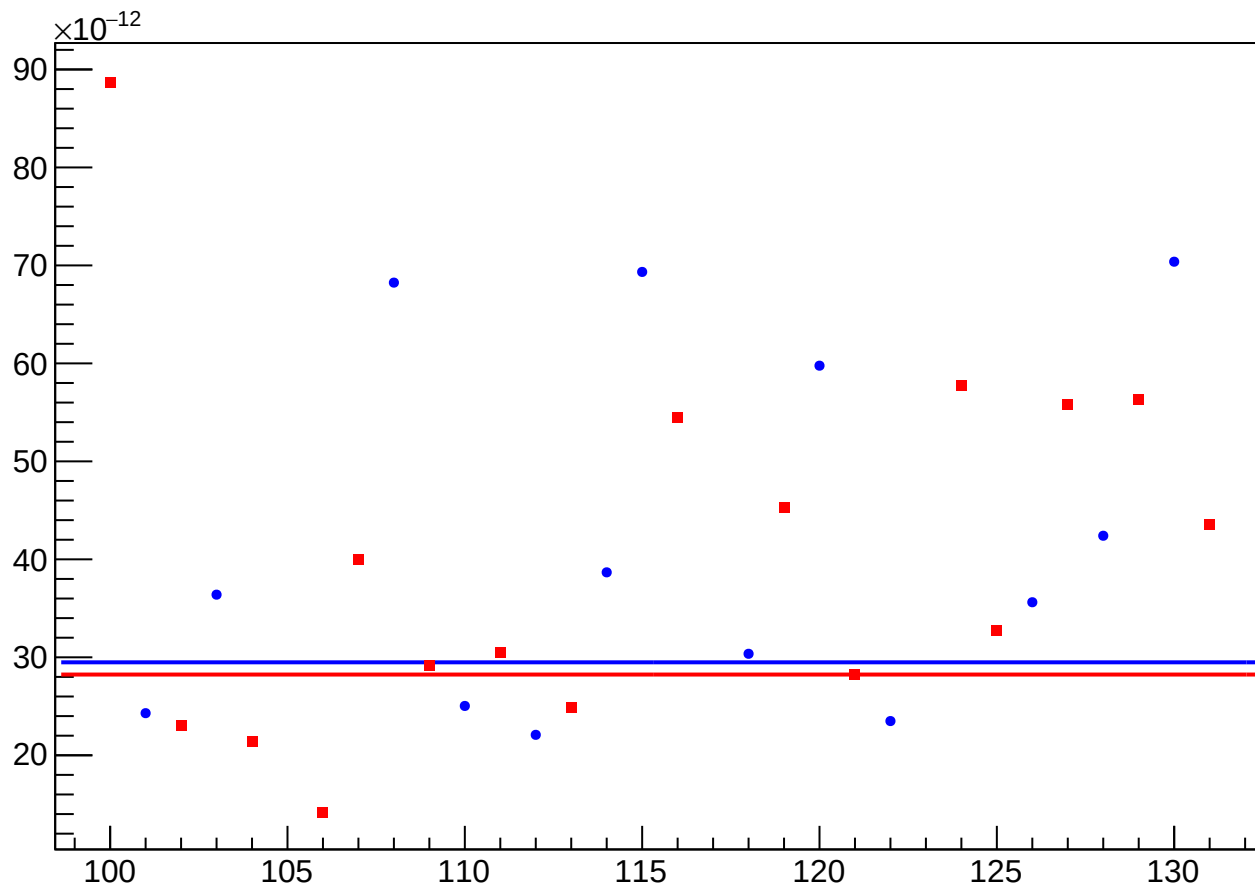
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 39.7/28

- sign 0.000+/-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 : 880455.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1014301.9/15

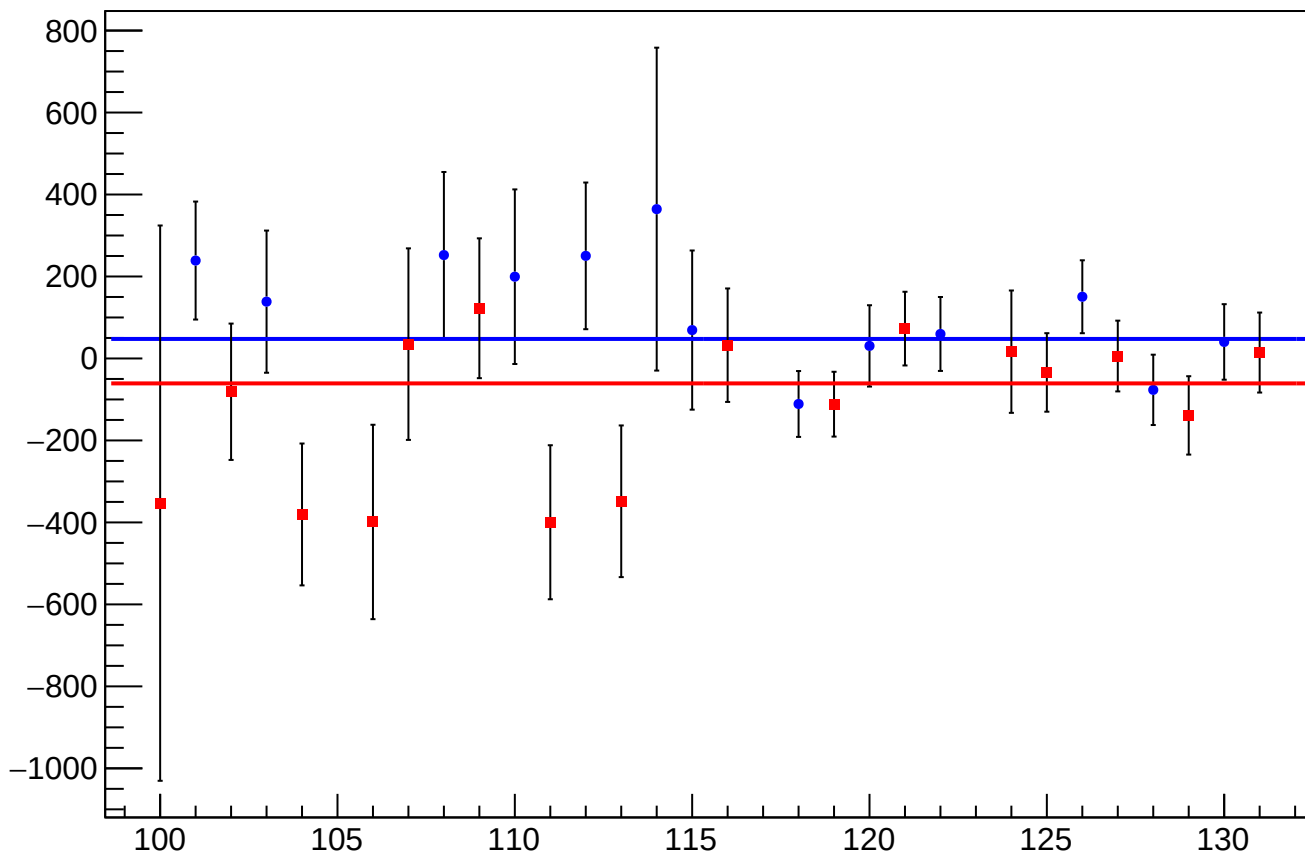
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1900816.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_mean vs Slug



Right In: 47.630+/-32.418 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -60.839+/-31.036 χ^2/NDF : 17.9/15

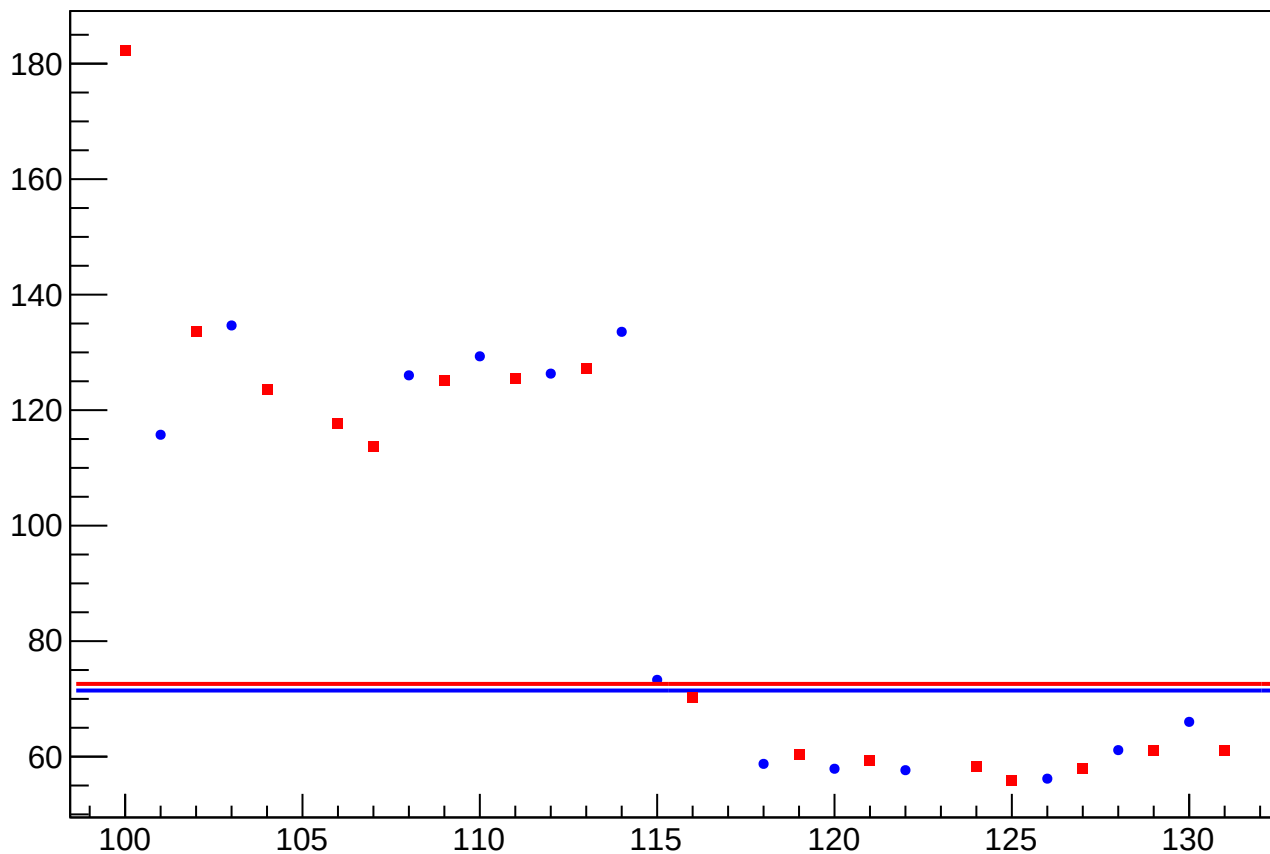
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.966+/-22.419 χ^2/NDF : 36.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_rms vs Slug



Right In: 71.449+/-0.023 χ^2/NDF : 1214562.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.595+/-0.022 χ^2/NDF : 1436687.4/15

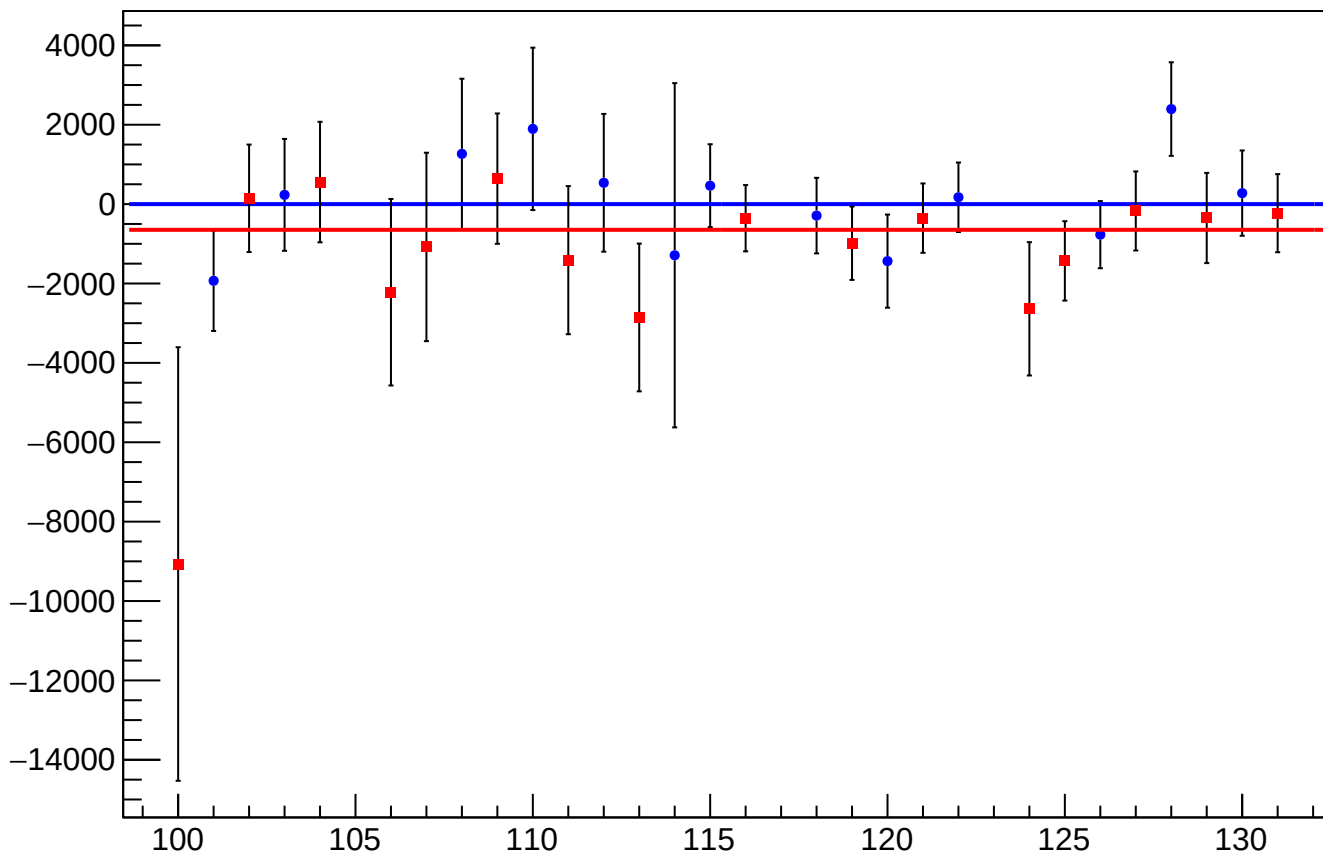
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.047+/-0.016 χ^2/NDF : 2652553.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_reg_correction_mean vs Slug



Right In: -0.125 ± 332.012 χ^2/NDF : 10.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -647.739 ± 310.079 χ^2/NDF : 8.9/15

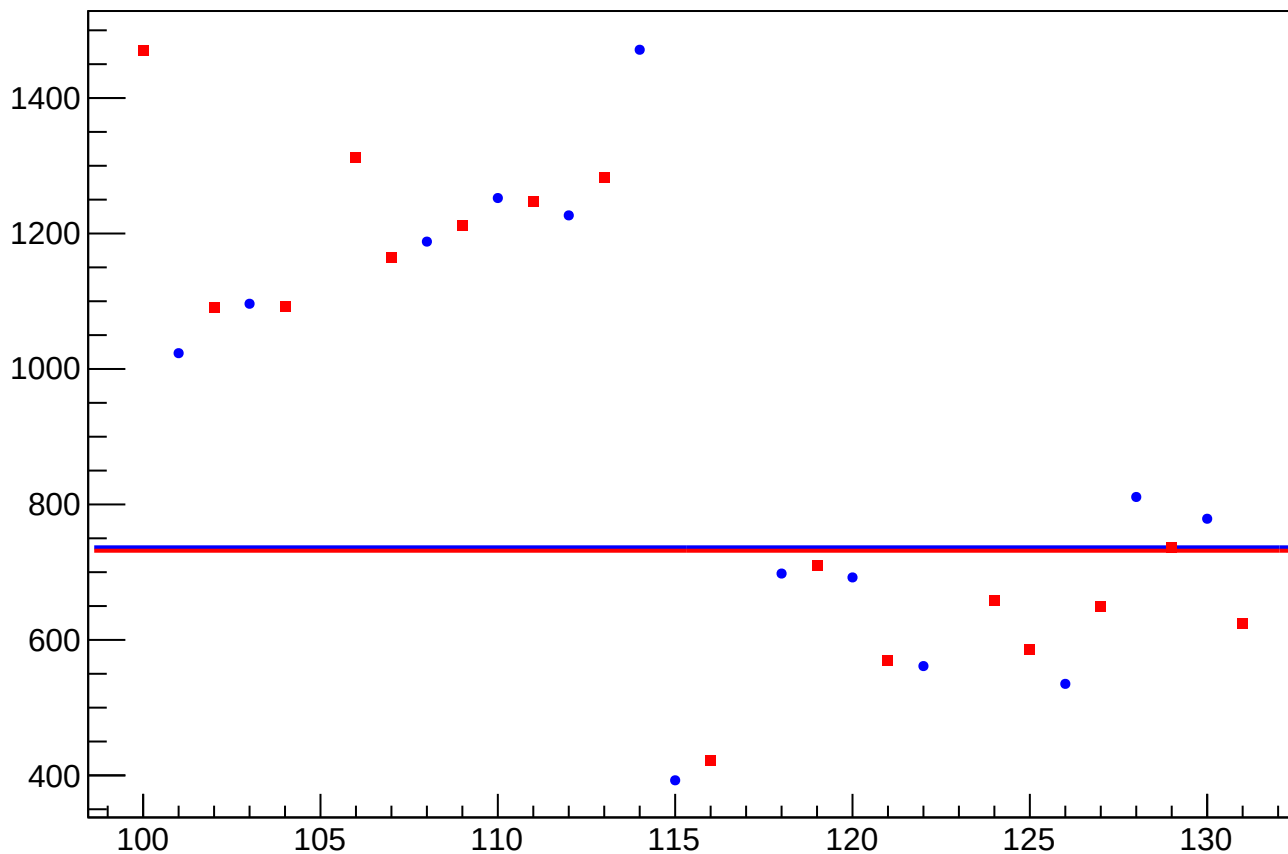
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -346.028 ± 226.616 χ^2/NDF : 21.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_reg_correction_rms vs Slug



Right In: 736.683 $\pm$ 0.235 χ^2 /NDF: 1118711.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 731.673 $\pm$ 0.219 χ^2 /NDF: 1407202.2/15

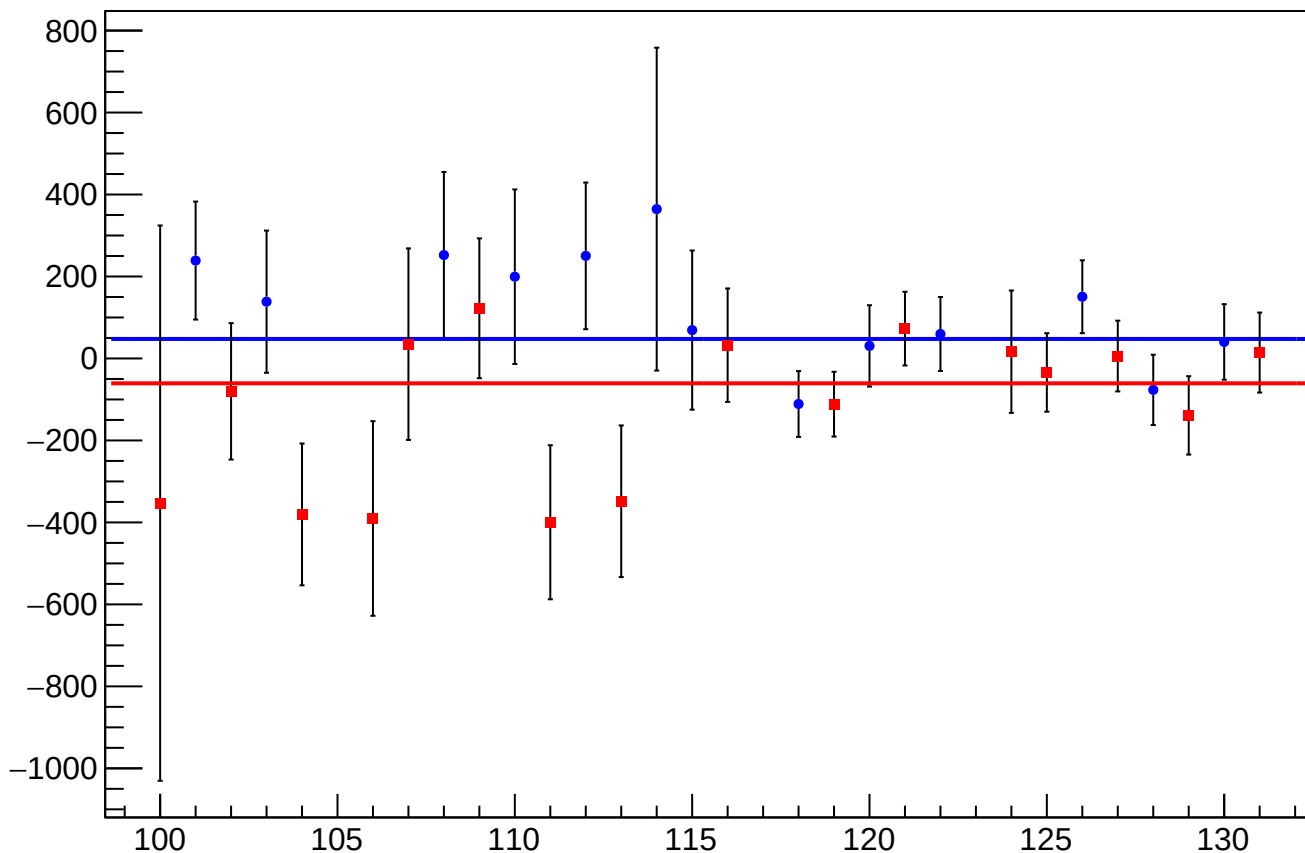
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 734.007 $\pm$ 0.160 χ^2 /NDF: 2526156.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_1526_avg_mean vs Slug



Right In: 47.625+/-32.418 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -60.637+/-31.037 χ^2/NDF : 17.8/15

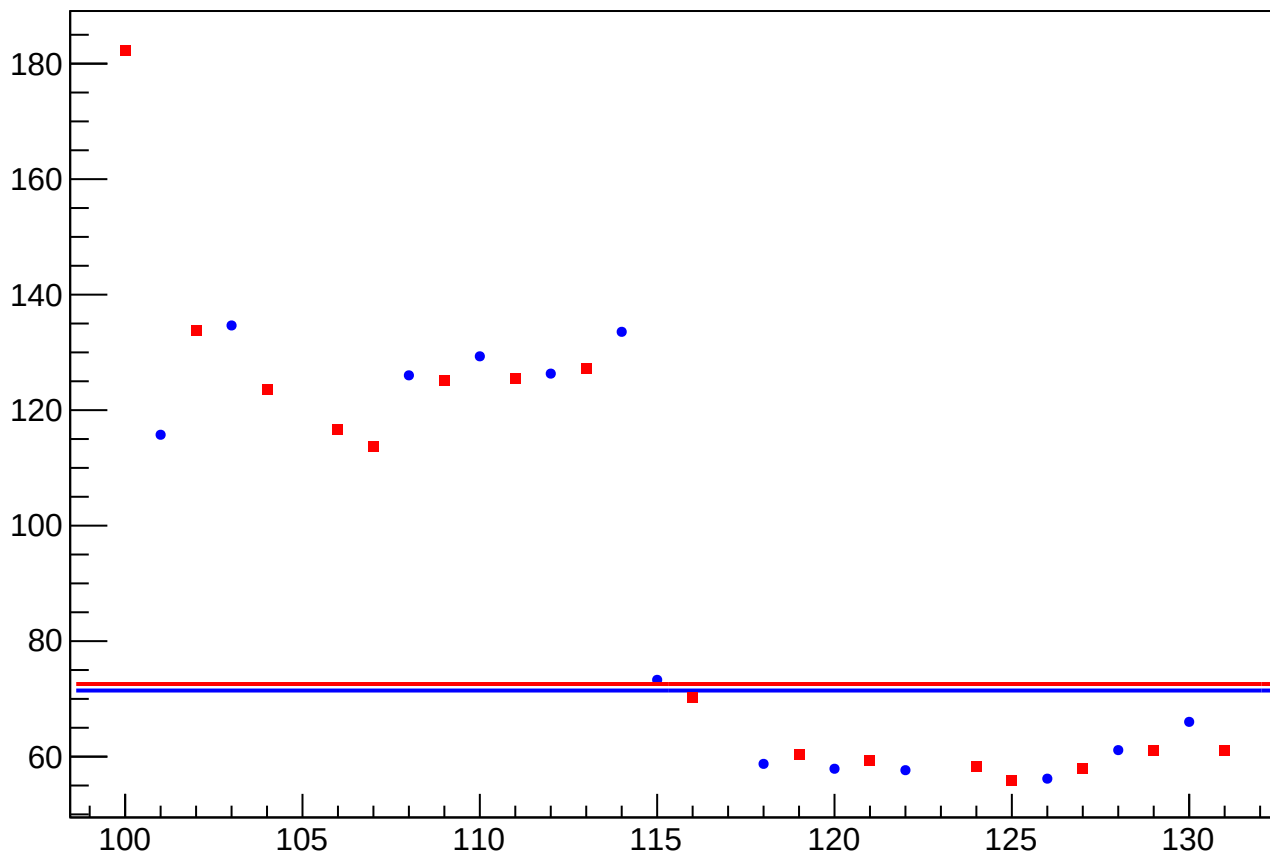
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.861+/-22.419 χ^2/NDF : 36.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_1526_avg_rms vs Slug



Right In: 71.449+/-0.023 χ^2/NDF : 1214564.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.576+/-0.022 χ^2/NDF : 1433656.8/15

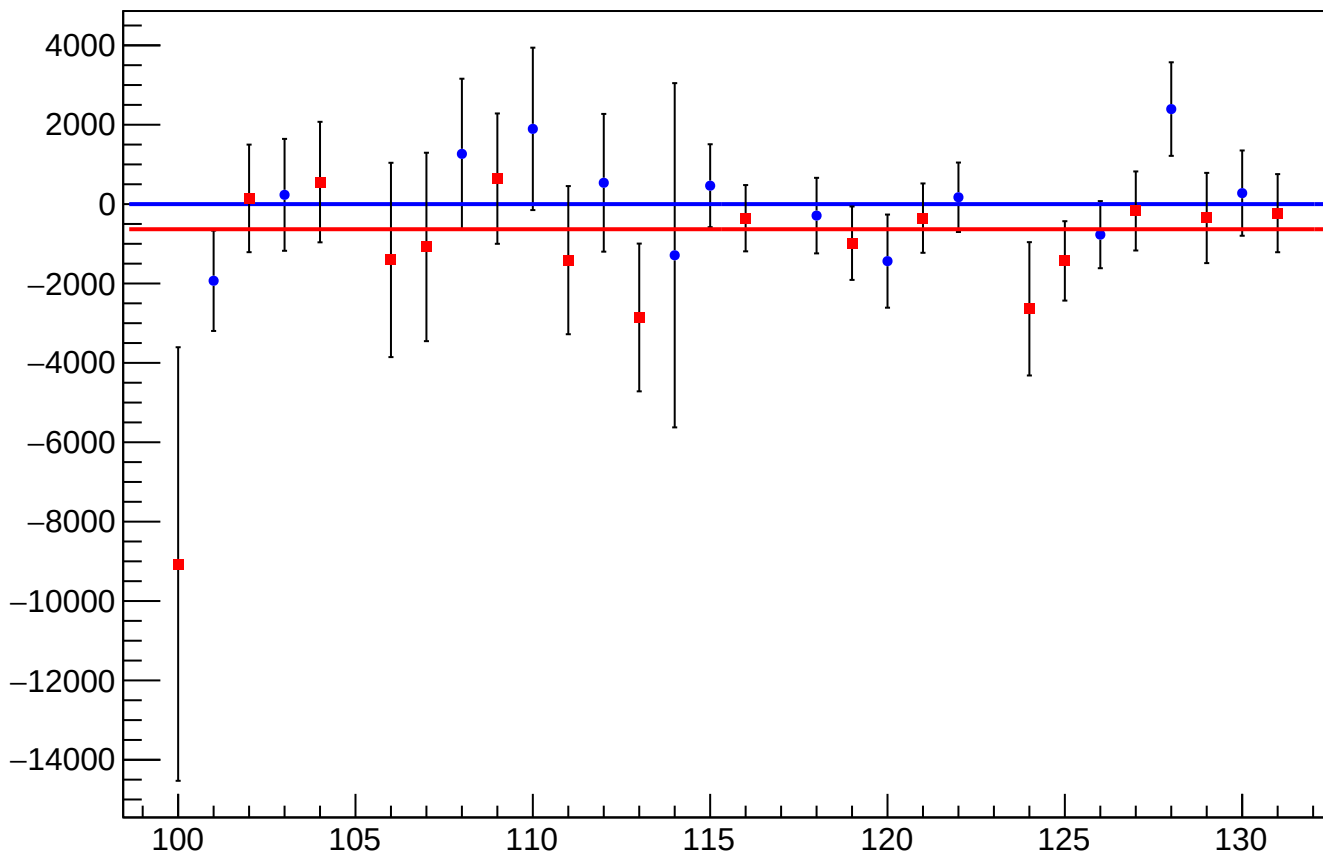
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.037+/-0.016 χ^2/NDF : 2649482.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_cor_correction_mean vs Slug



Right In: -0.092 ± 332.013 χ^2/NDF : 10.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -632.691 ± 310.303 χ^2/NDF : 8.5/15

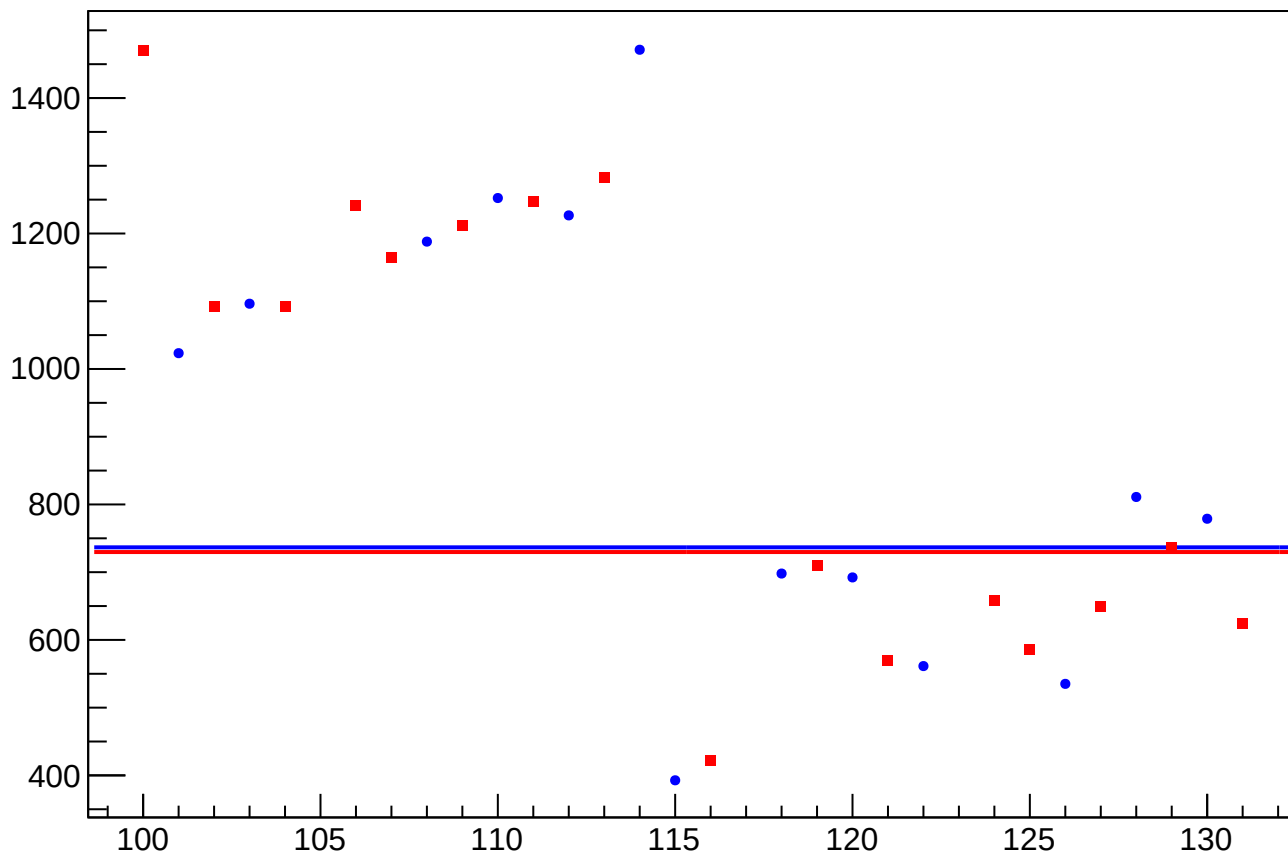
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -337.749 ± 226.704 χ^2/NDF : 21.2/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_cor_correction_rms vs Slug



Right In: 736.683 $\pm$ 0.235 χ^2 /NDF: 1118745.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 729.734 $\pm$ 0.219 χ^2 /NDF: 1371711.0/15

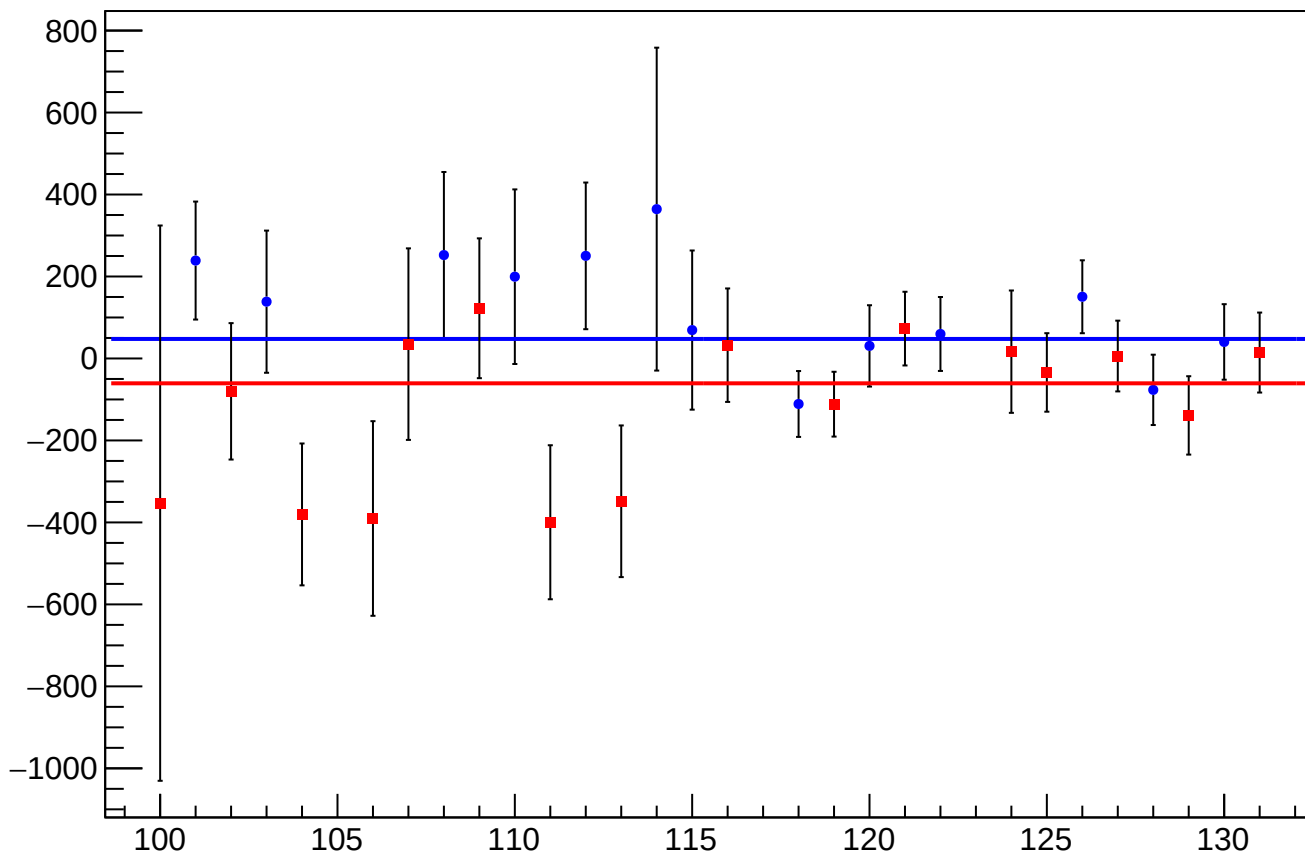
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 732.974 $\pm$ 0.160 χ^2 /NDF: 2490924.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_1526_avg_mean vs Slug



Right In: 47.625+/-32.418 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -60.637+/-31.037 χ^2/NDF : 17.8/15

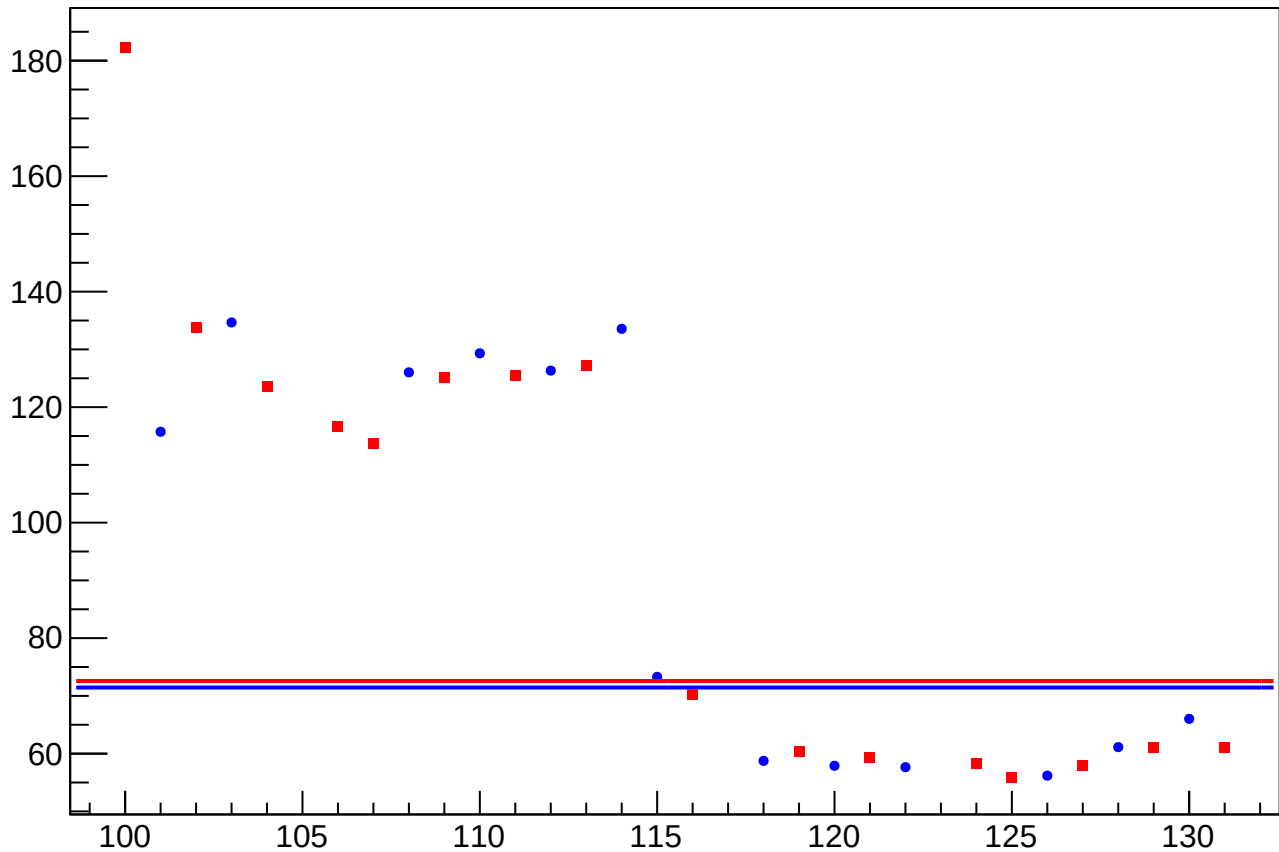
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.861+/-22.419 χ^2/NDF : 36.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_1526_avg_rms vs Slug



Right In: 71.449+/-0.023 χ^2/NDF : 1214564.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.576+/-0.022 χ^2/NDF : 1433656.8/15

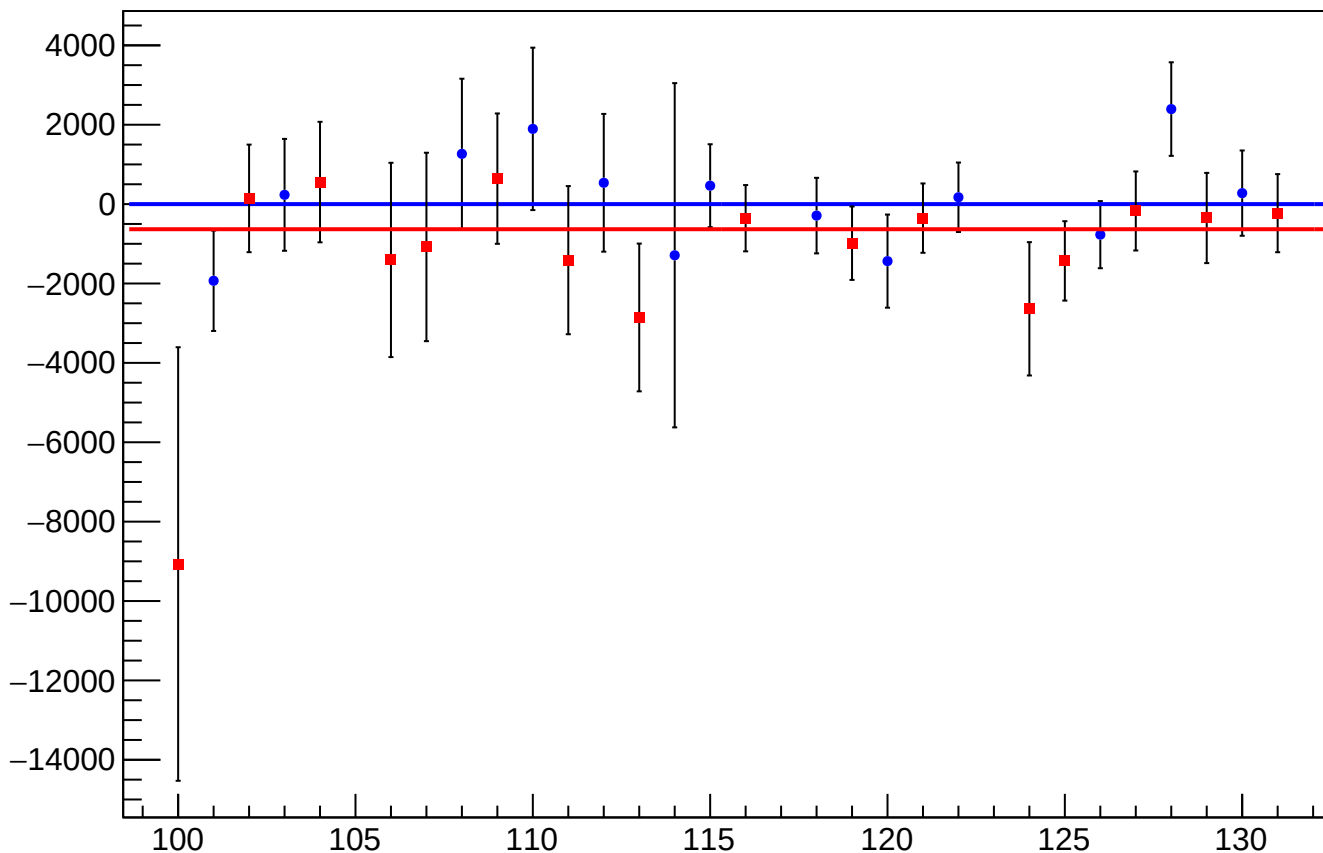
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.037+/-0.016 χ^2/NDF : 2649482.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_cor_correction_mean vs Slug



Right In: -0.092+/-332.013 χ^2/NDF : 10.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -632.691+/-310.303 χ^2/NDF : 8.5/15

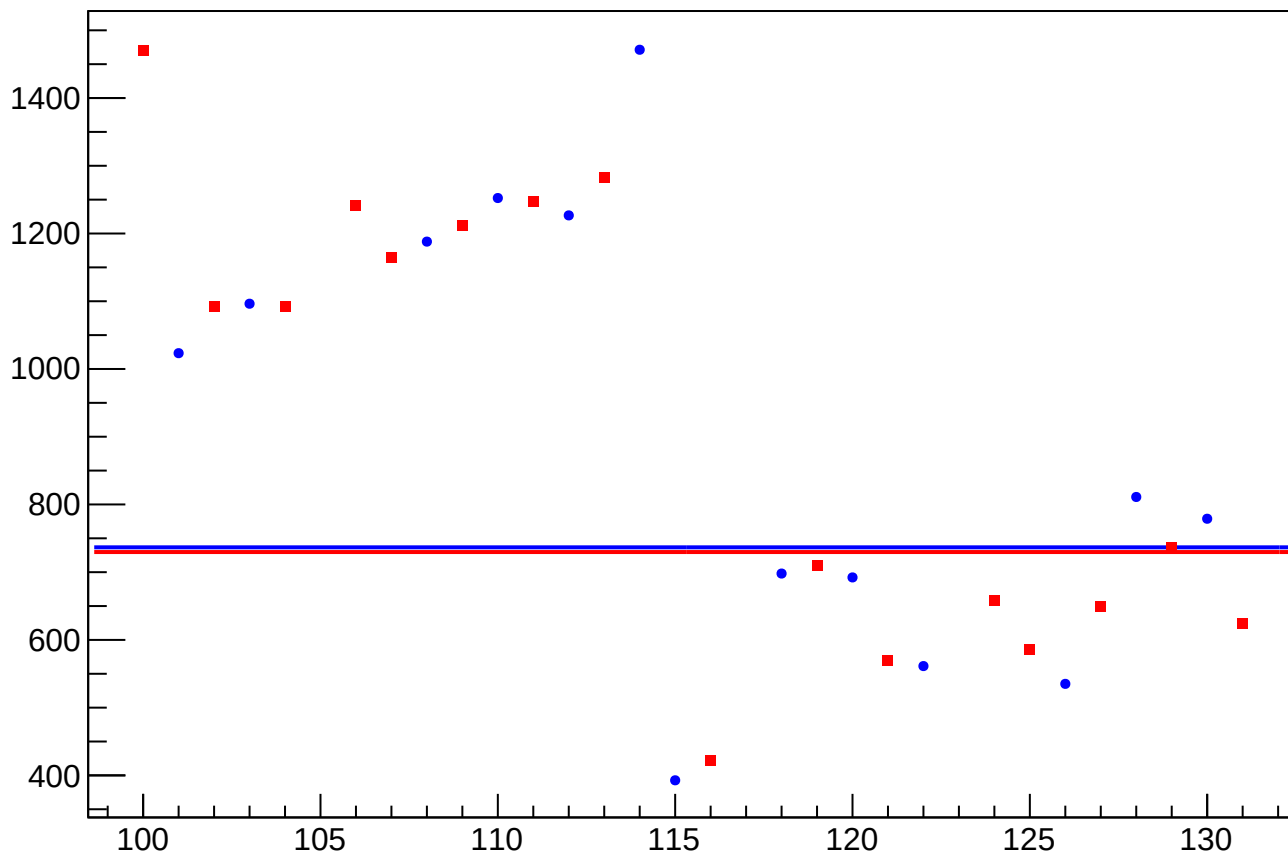
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -337.749+/-226.704 χ^2/NDF : 21.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_cor_correction_rms vs Slug



Right In: 736.683+/-0.235 χ^2/NDF : 1118745.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 729.734+/-0.219 χ^2/NDF : 1371711.0/15

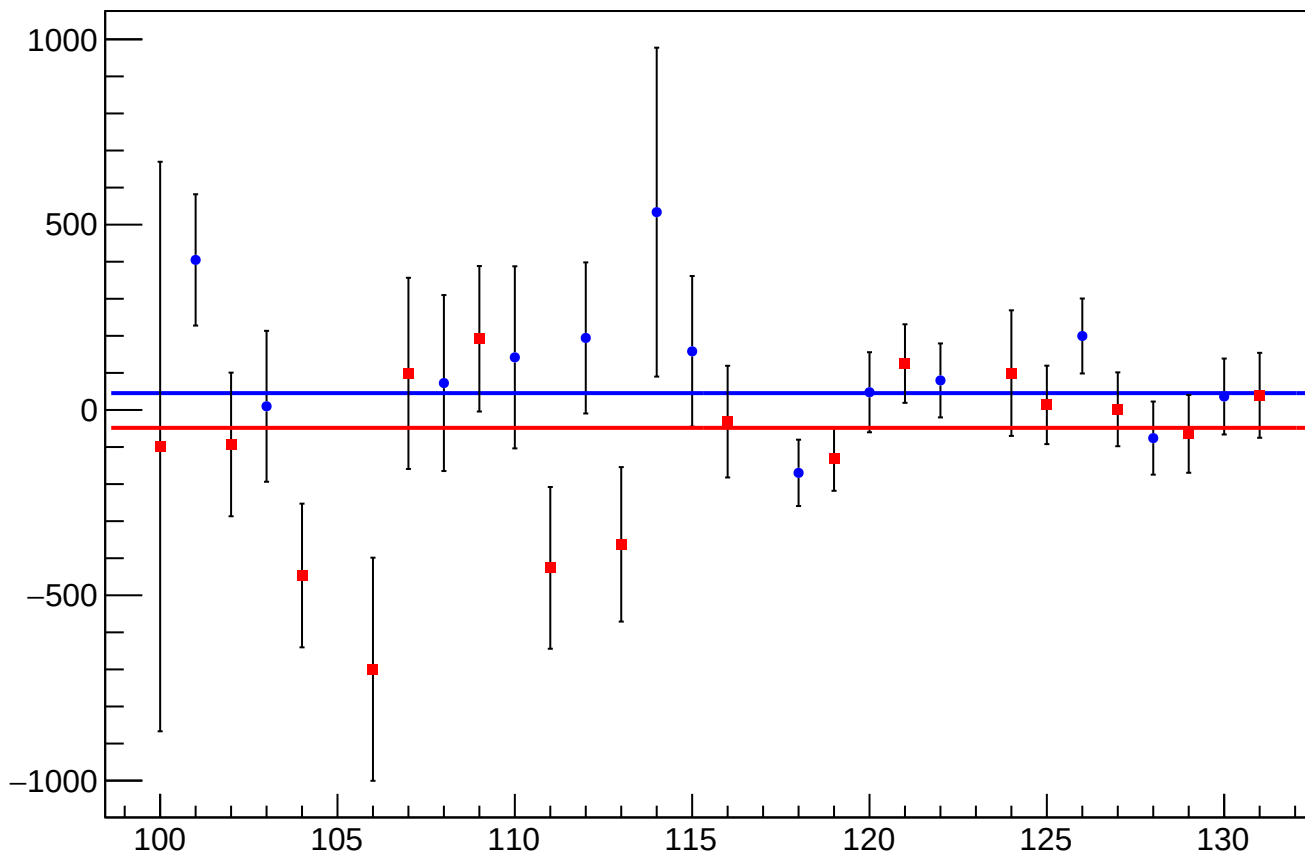
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 732.974+/-0.160 χ^2/NDF : 2490924.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1526_avg_mean vs Slug



Right In: 45.450 $\pm$ 36.498 χ^2 /NDF: 16.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -48.244 $\pm$ 35.113 χ^2 /NDF: 21.7/15

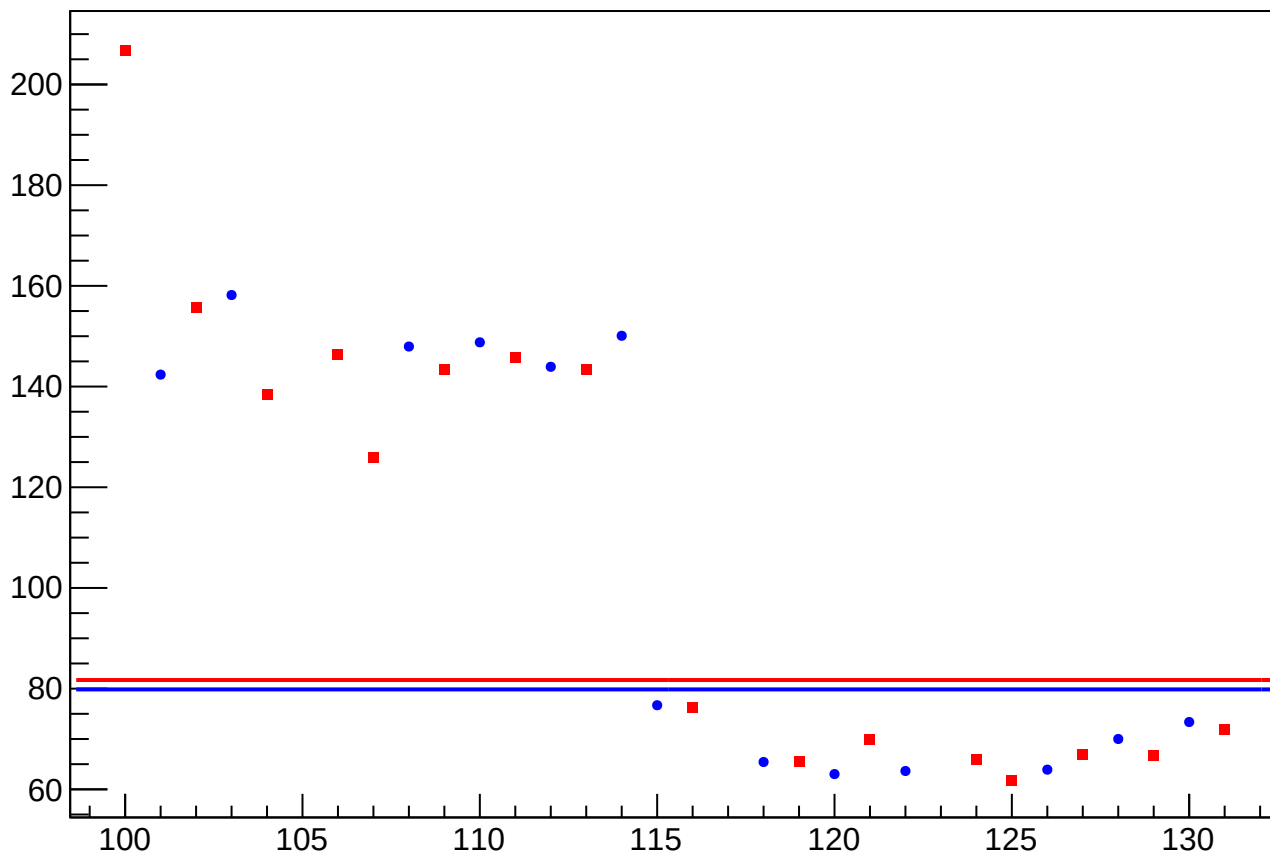
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.208 $\pm$ 25.304 χ^2 /NDF: 41.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_1526_avg_rms vs Slug



Right In: 79.847 $\pm$ 0.026 χ^2 /NDF: 1346574.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 81.716 $\pm$ 0.025 χ^2 /NDF: 1497334.8/15

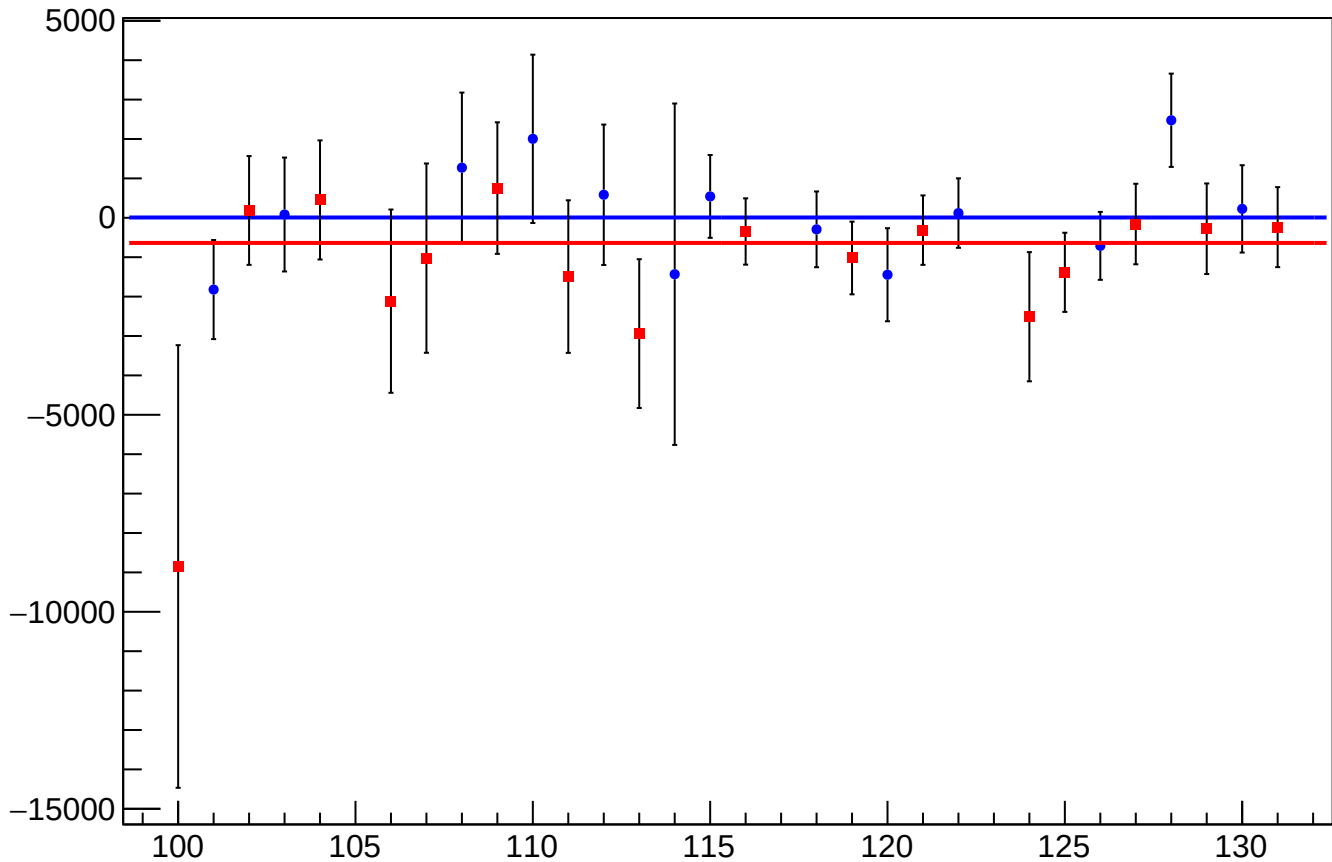
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 80.817 $\pm$ 0.018 χ^2 /NDF: 2846631.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_dit_correction_mean vs Slug



Right In: 7.786 ± 336.406 χ^2/NDF : 10.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -638.077 ± 313.409 χ^2/NDF : 8.6/15

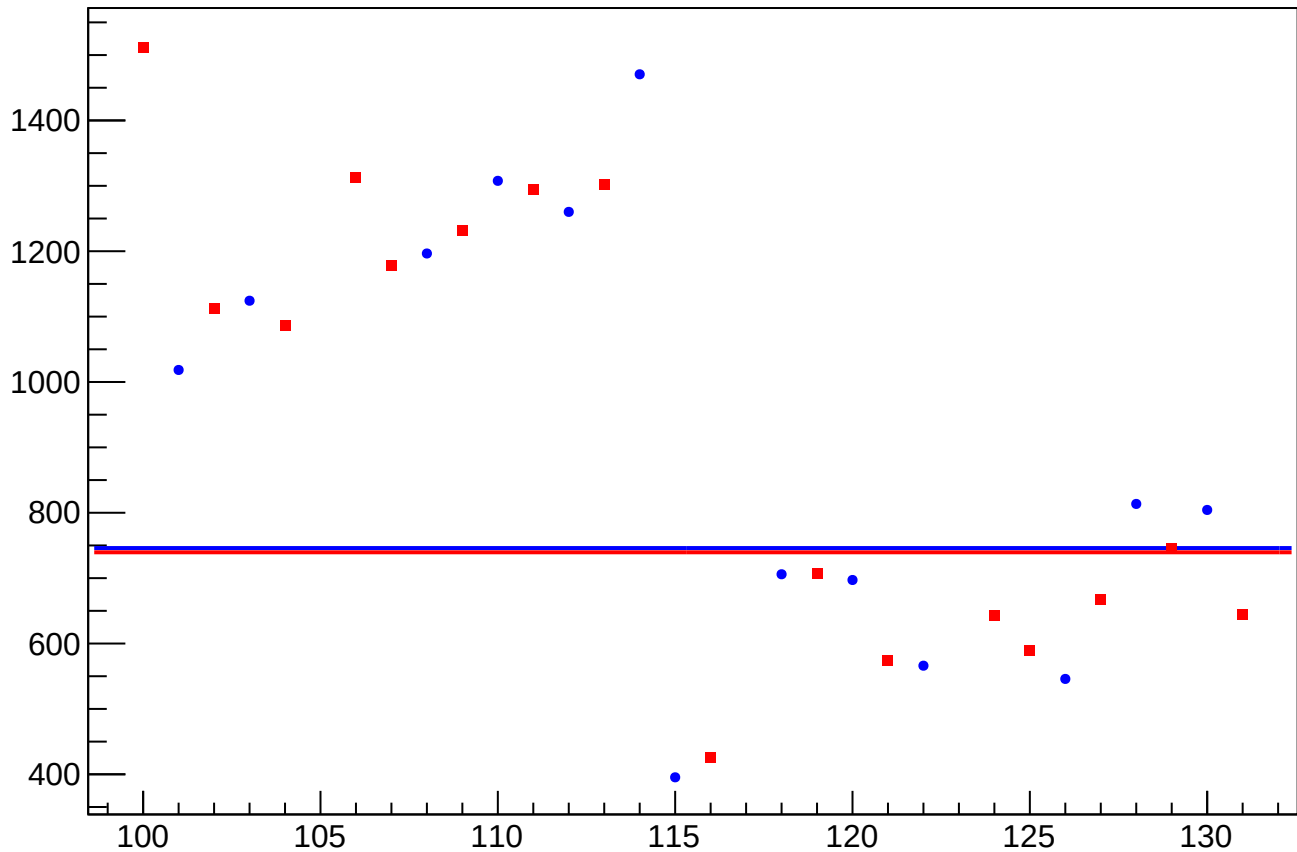
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -337.975 ± 229.313 χ^2/NDF : 21.2/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_dit_correction_rms vs Slug



Right In: 746.021+/-0.238 χ^2/NDF : 1135955.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 739.539+/-0.222 χ^2/NDF : 1424419.6/15

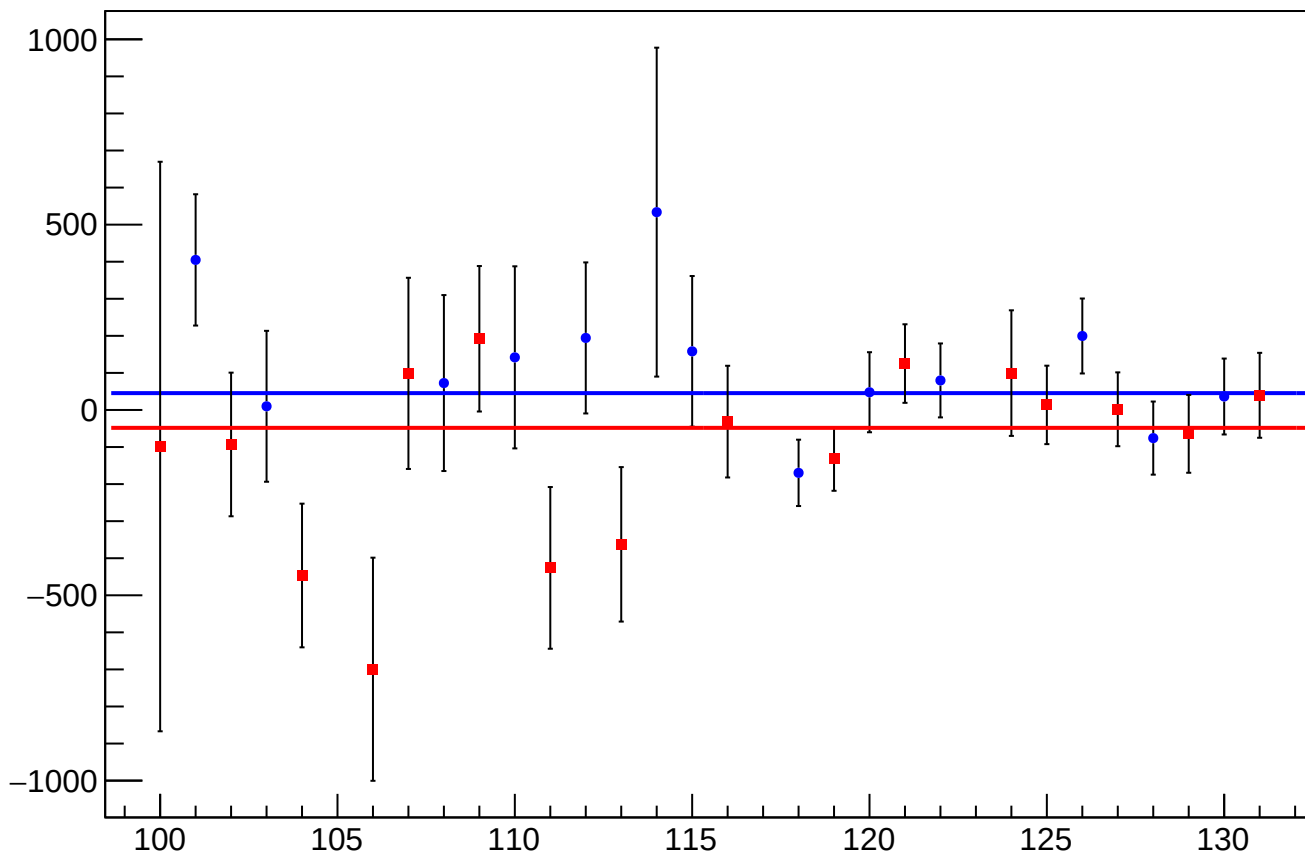
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 742.551+/-0.162 χ^2/NDF : 2560772.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1526_avg_mean vs Slug



Right In: 45.449+/-36.498 χ^2/NDF : 16.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -48.244+/-35.113 χ^2/NDF : 21.7/15

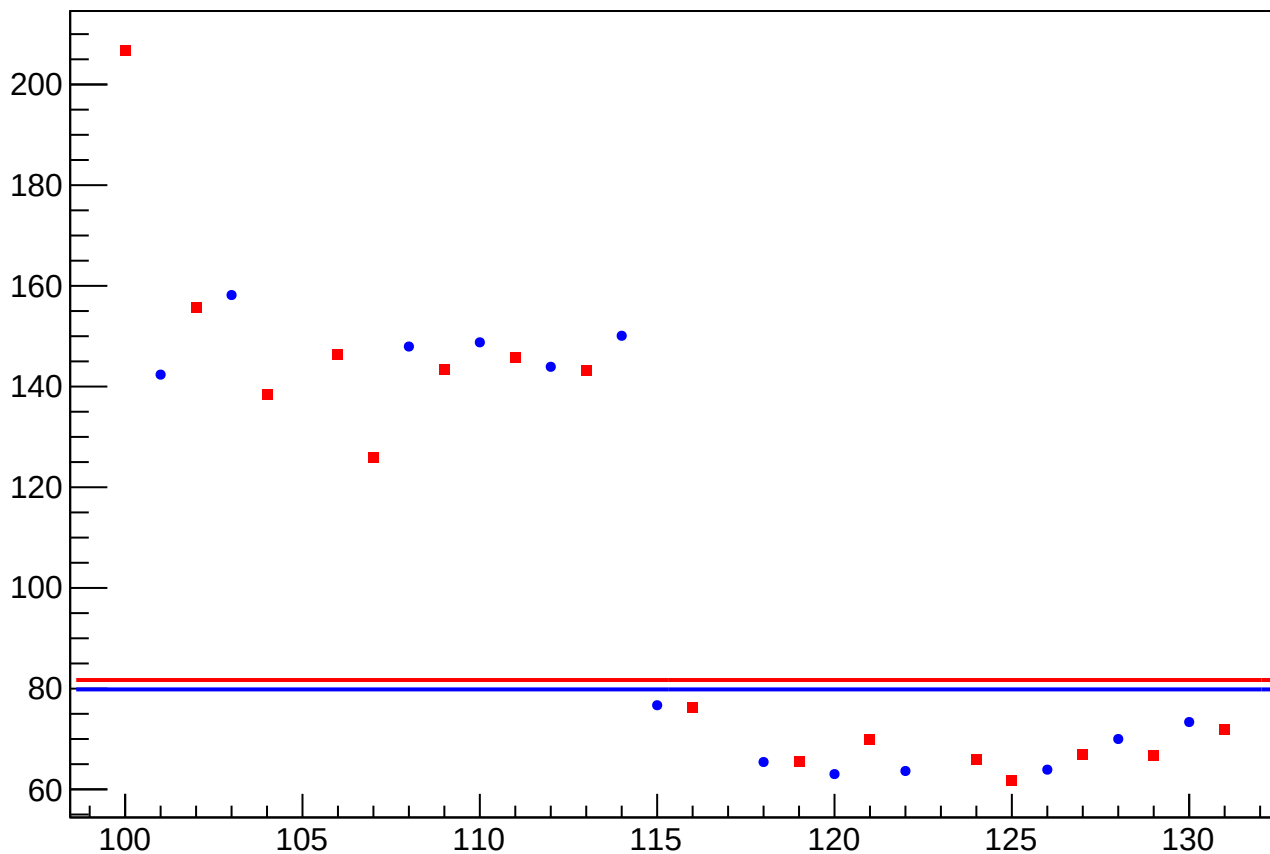
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.208+/-25.304 χ^2/NDF : 41.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1526_avg_rms vs Slug



Right In: 79.846+/-0.026 χ^2/NDF : 1346570.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.715+/-0.025 χ^2/NDF : 1497334.2/15

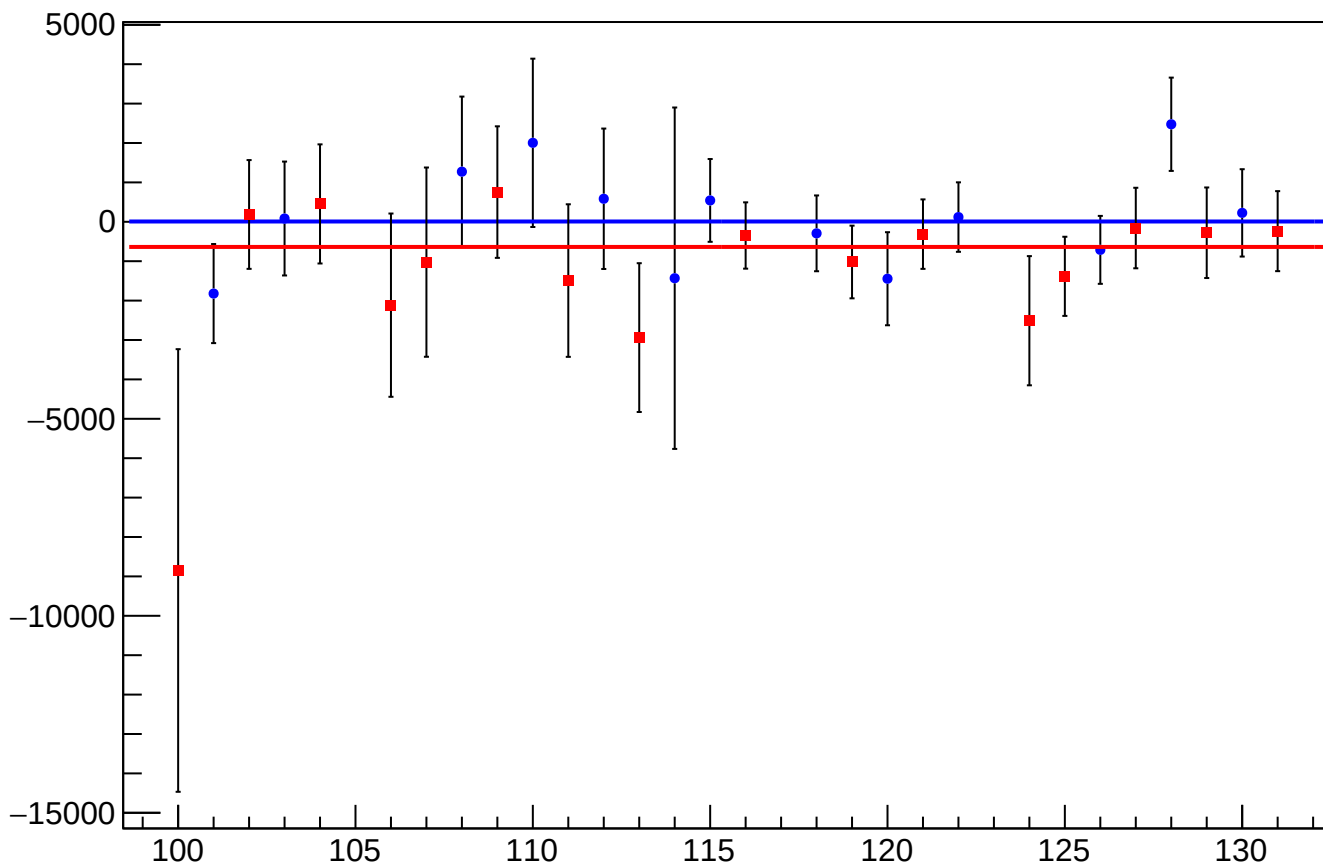
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.817+/-0.018 χ^2/NDF : 2846628.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_dit_correction_mean vs Slug



Right In: 7.788+/-336.405 χ^2/NDF : 10.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -638.076+/-313.408 χ^2/NDF : 8.6/15

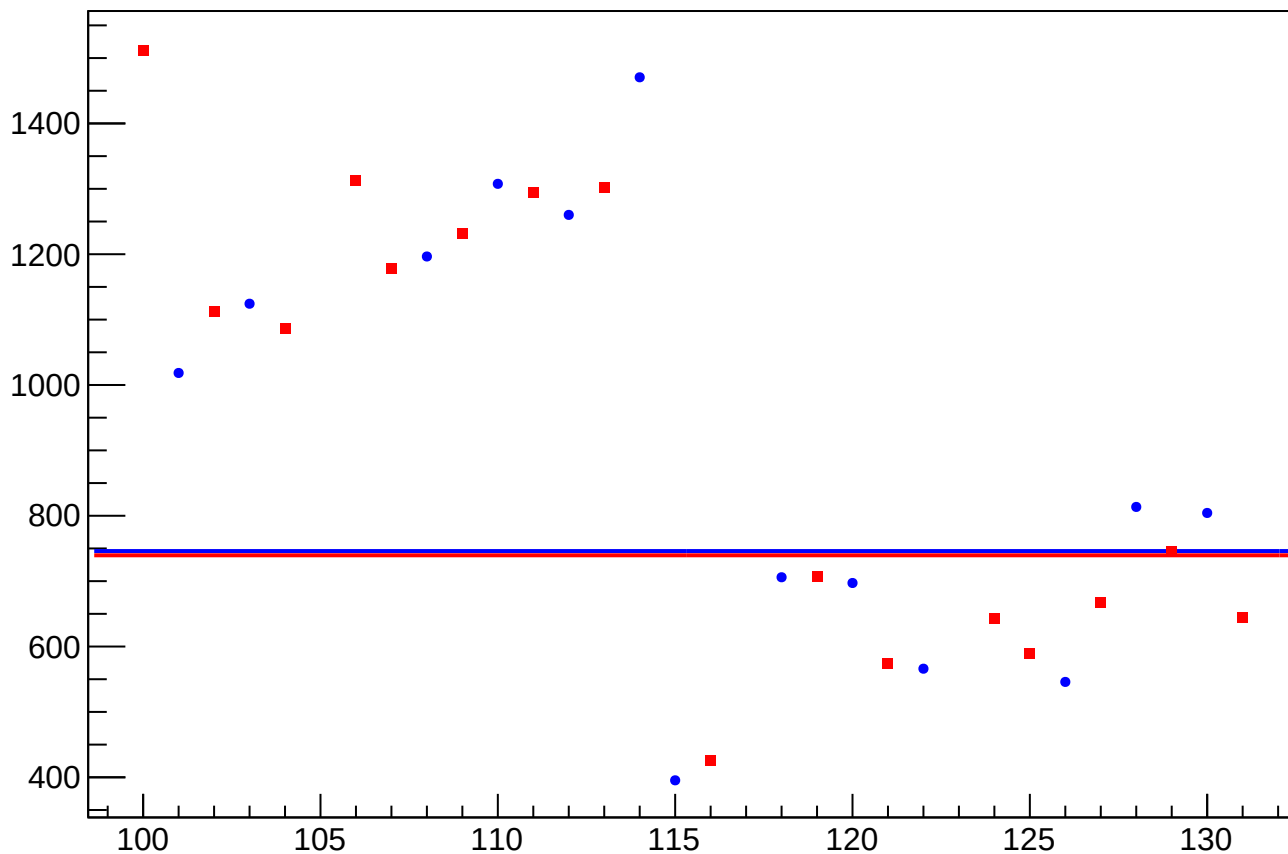
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -337.973+/-229.313 χ^2/NDF : 21.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_dit_correction_rms vs Slug



Right In: 746.020+/-0.238 χ^2/NDF : 1135940.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 739.538+/-0.222 χ^2/NDF : 1424407.9/15

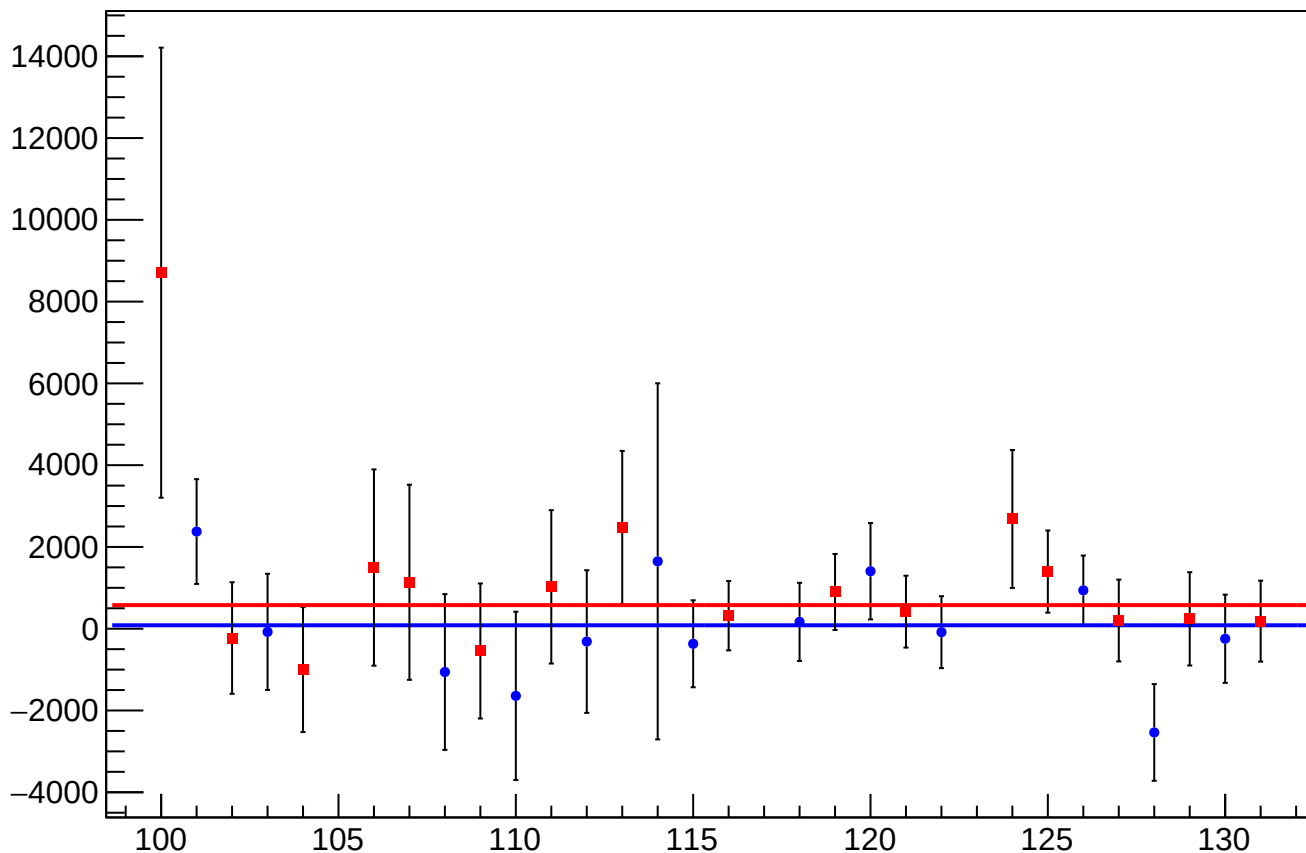
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 742.550+/-0.162 χ^2/NDF : 2560746.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_mean vs Slug



Right In: 83.851+/-334.299 χ^2/NDF : 12.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 577.054+/-312.234 χ^2/NDF : 8.2/15

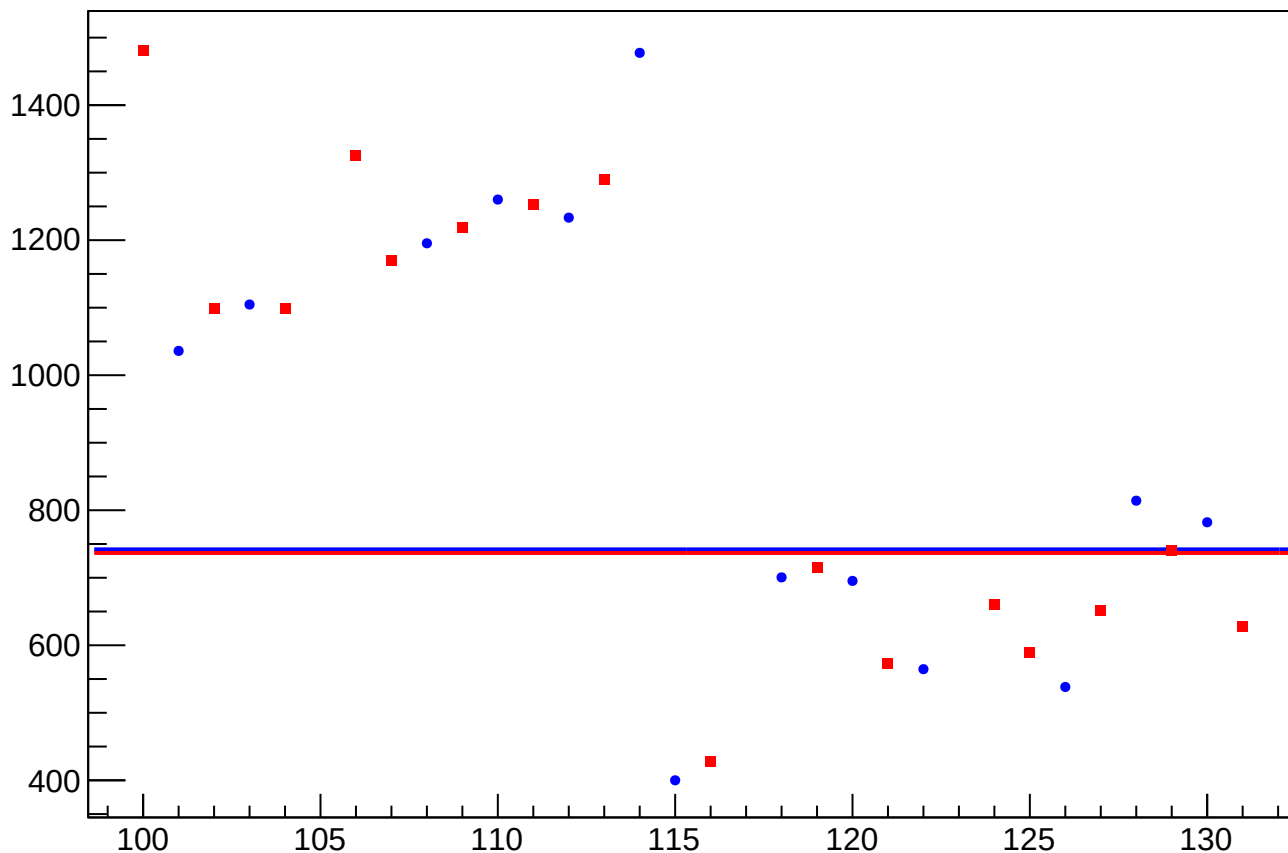
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 347.265+/-228.185 χ^2/NDF : 21.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_rms vs Slug



Right In: 742.027+/-0.236 χ^2/NDF : 1111611.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 736.764+/-0.221 χ^2/NDF : 1395043.8/15

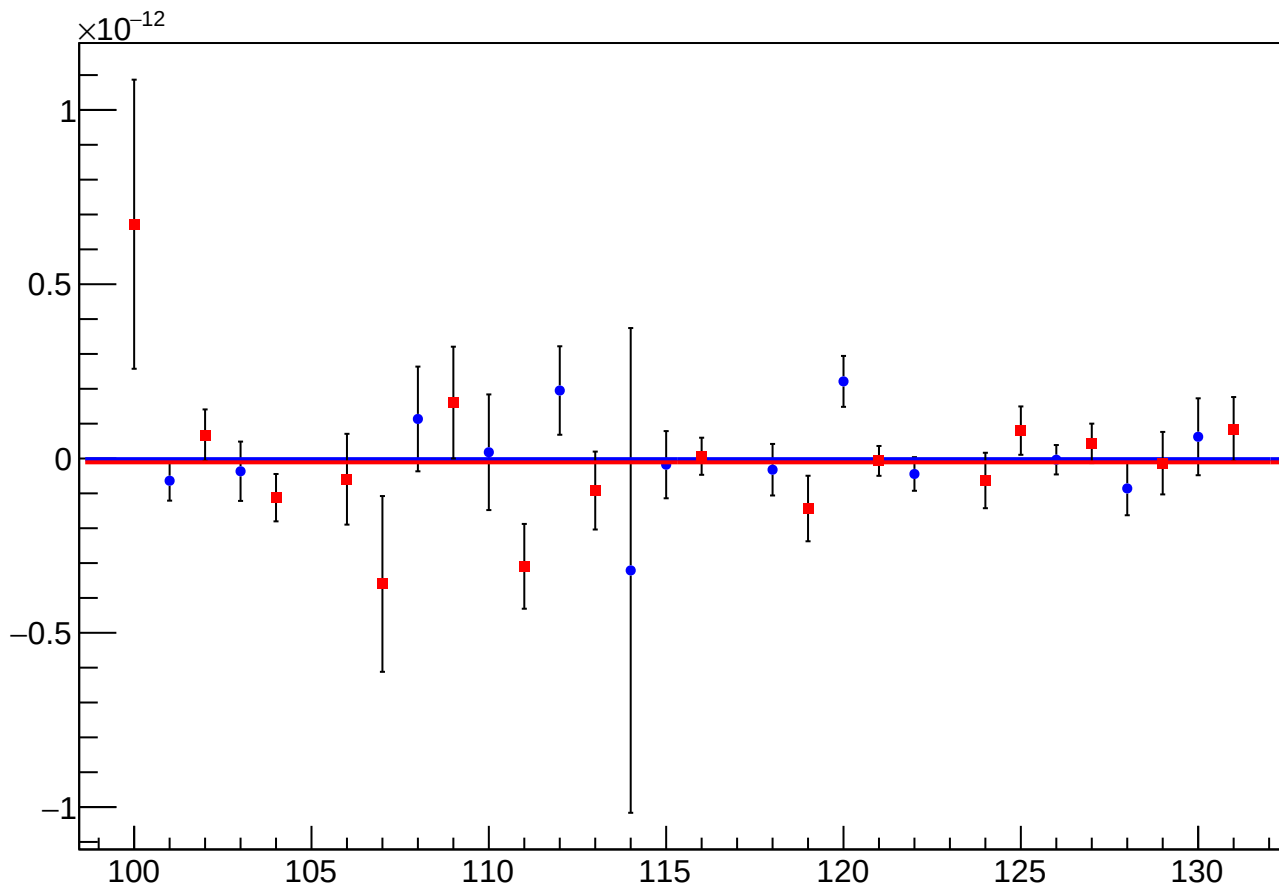
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 739.216+/-0.161 χ^2/NDF : 2506920.1/28

- 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+/-0.000 χ^2 /NDF: 16.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 22.0/15

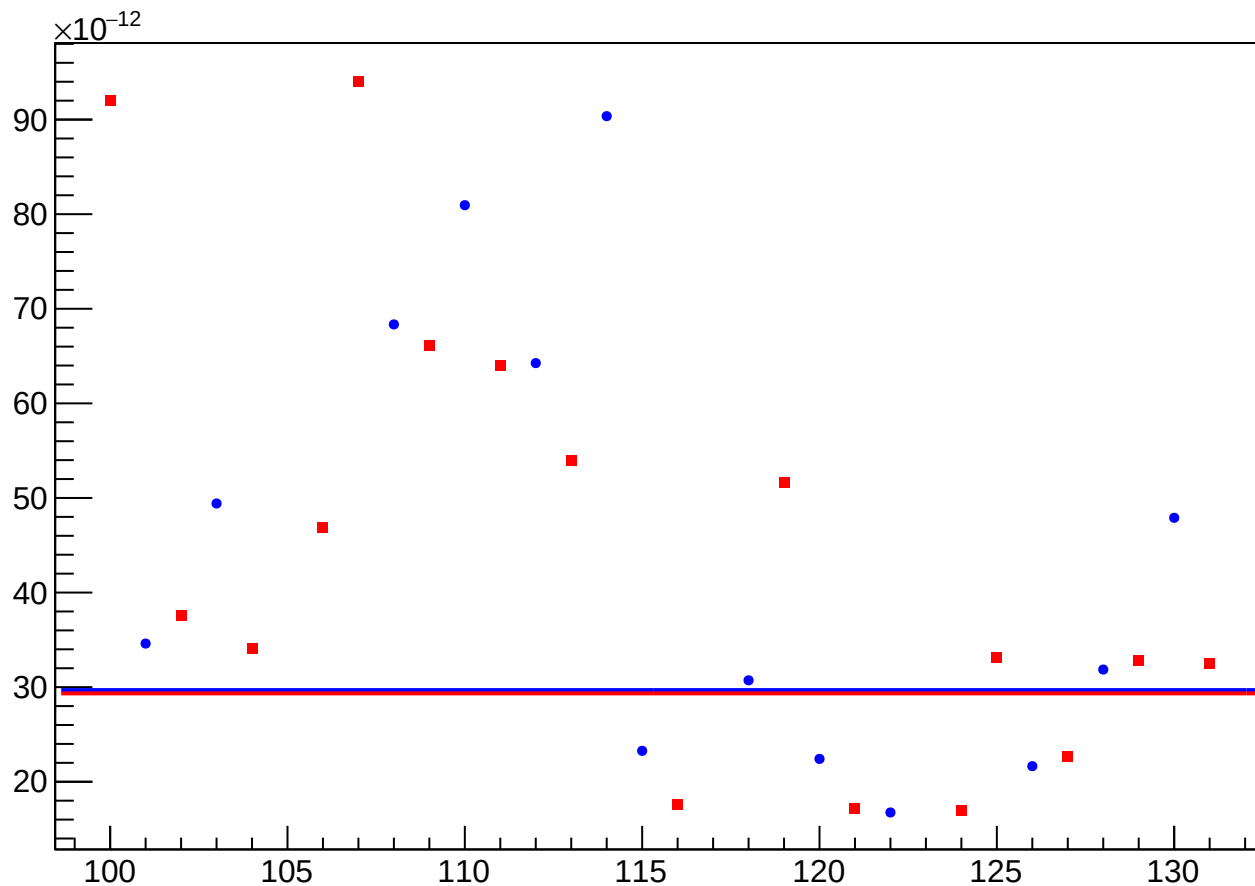
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 38.5/28

- sign 0.000+/-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 : 911137.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1071353.9/15

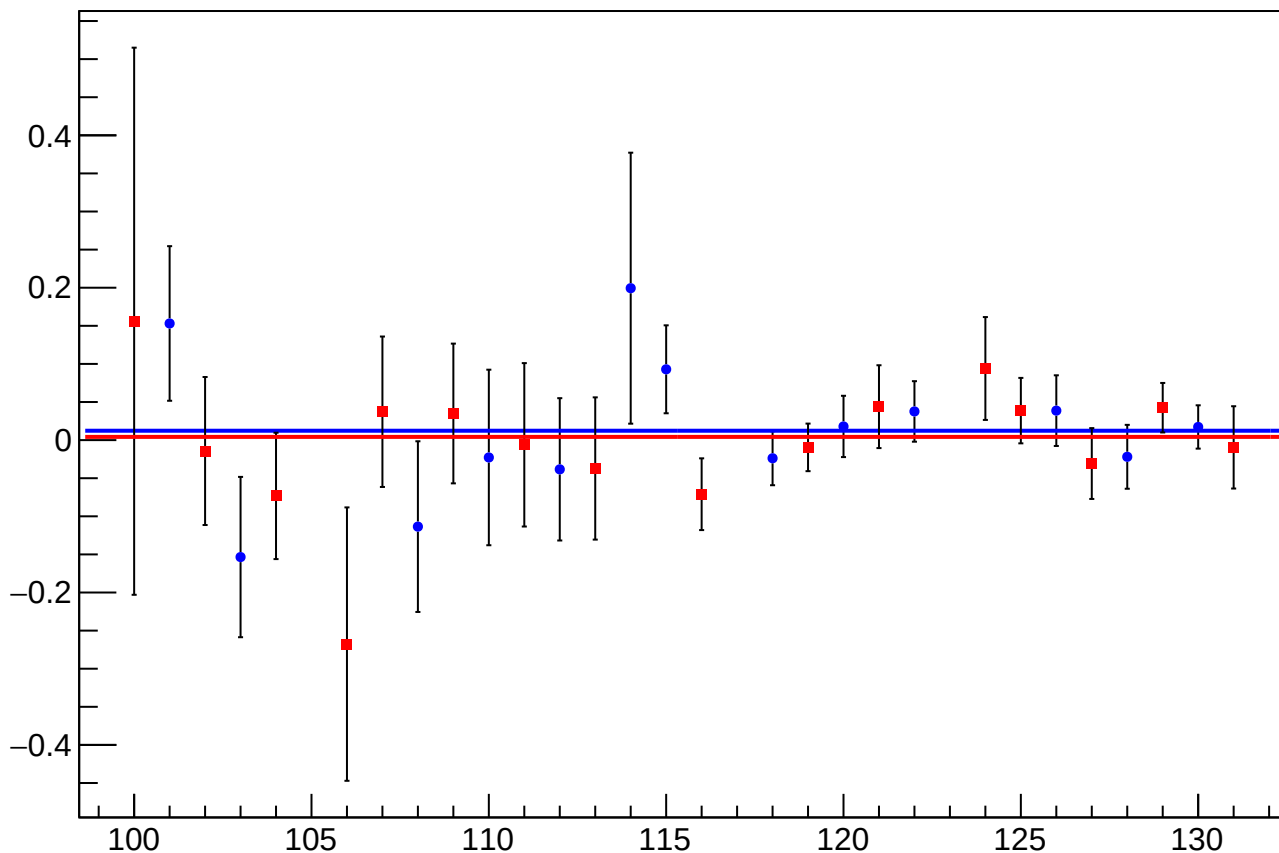
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1982787.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.012 ± 0.014 χ^2/NDF : 11.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.004 ± 0.014 χ^2/NDF : 11.5/15

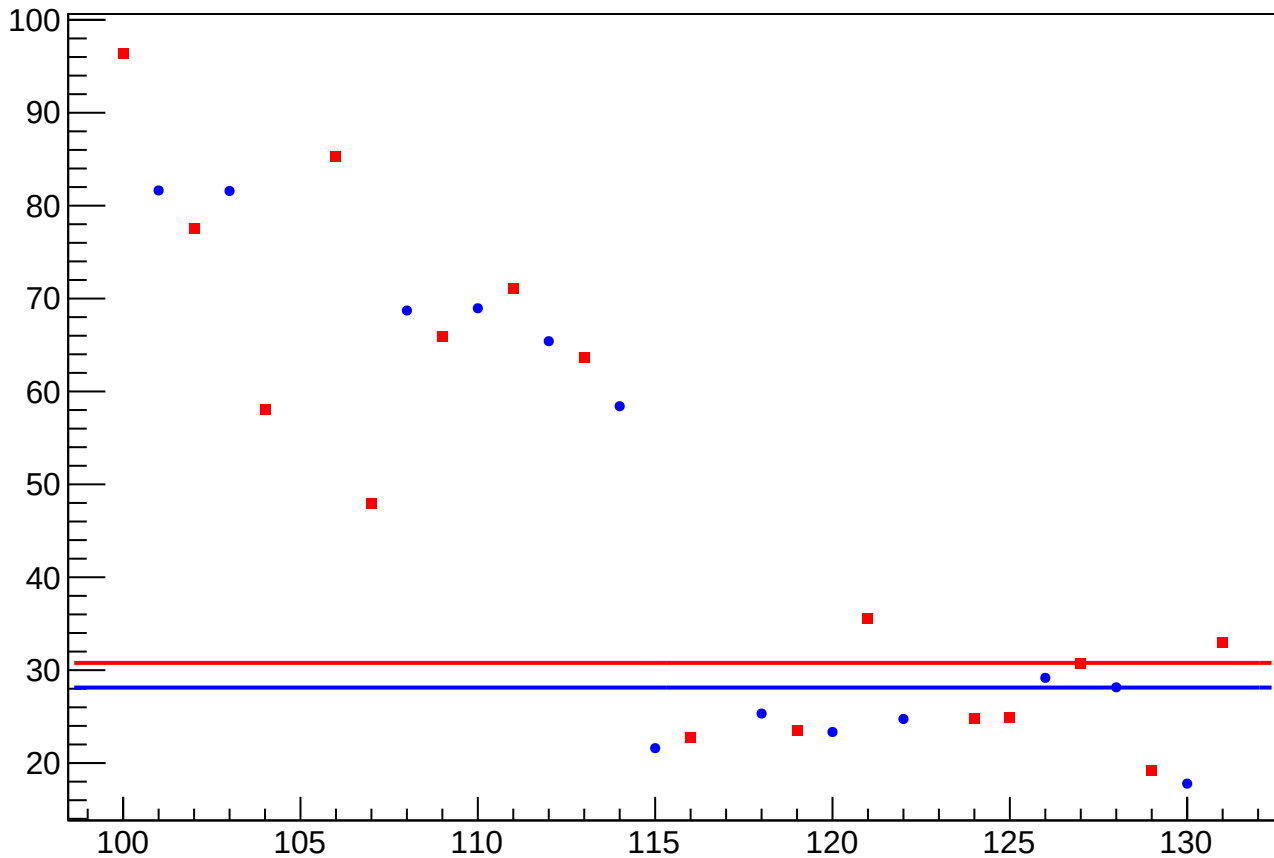
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.008 ± 0.010 χ^2/NDF : 23.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_dit_vs_cor_diff_rms vs Slug



Right In: 28.127+/-0.010 χ^2/NDF : 2309640.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.784+/-0.010 χ^2/NDF : 2311047.7/15

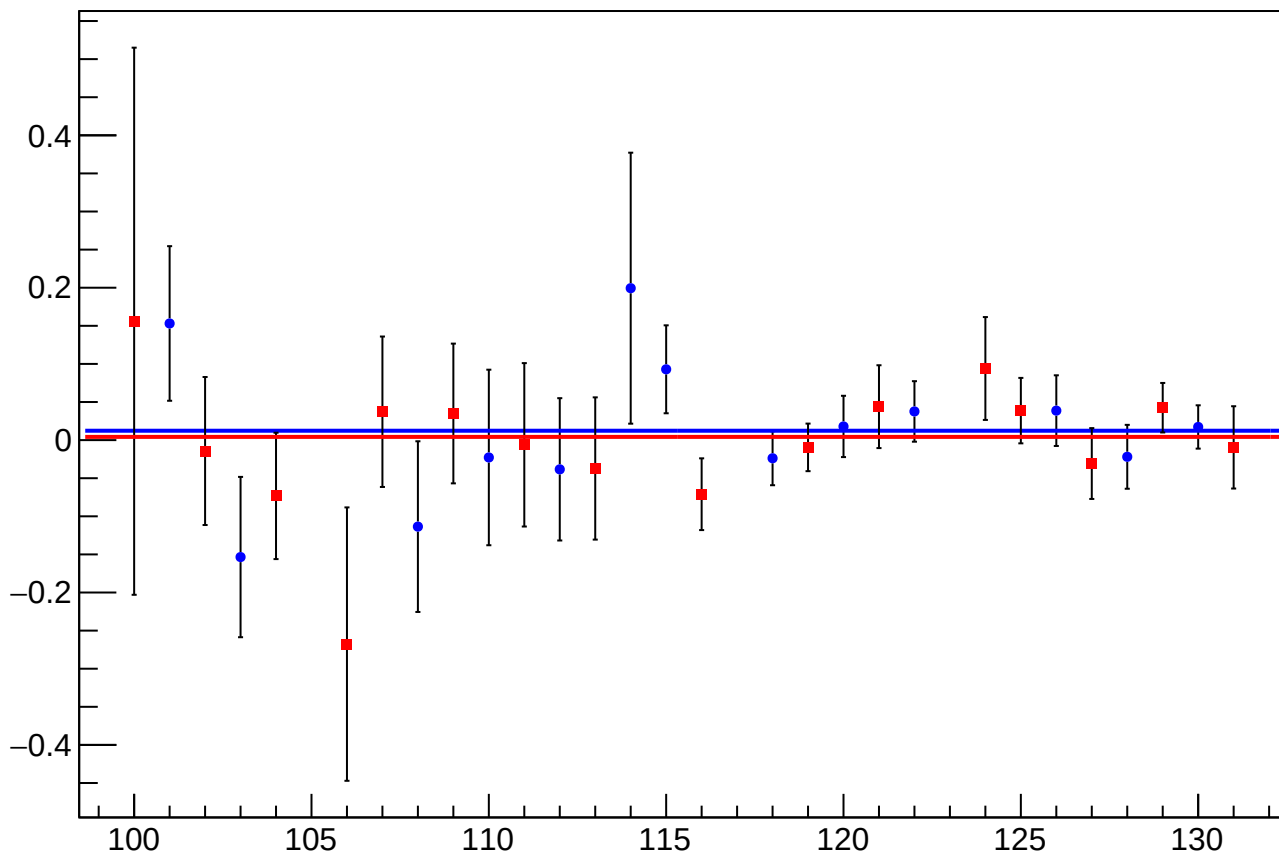
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.447+/-0.007 χ^2/NDF : 4656520.7/28

- 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: 0.012 $\pm$ 0.014 χ^2 /NDF: 11.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.014 χ^2 /NDF: 11.5/15

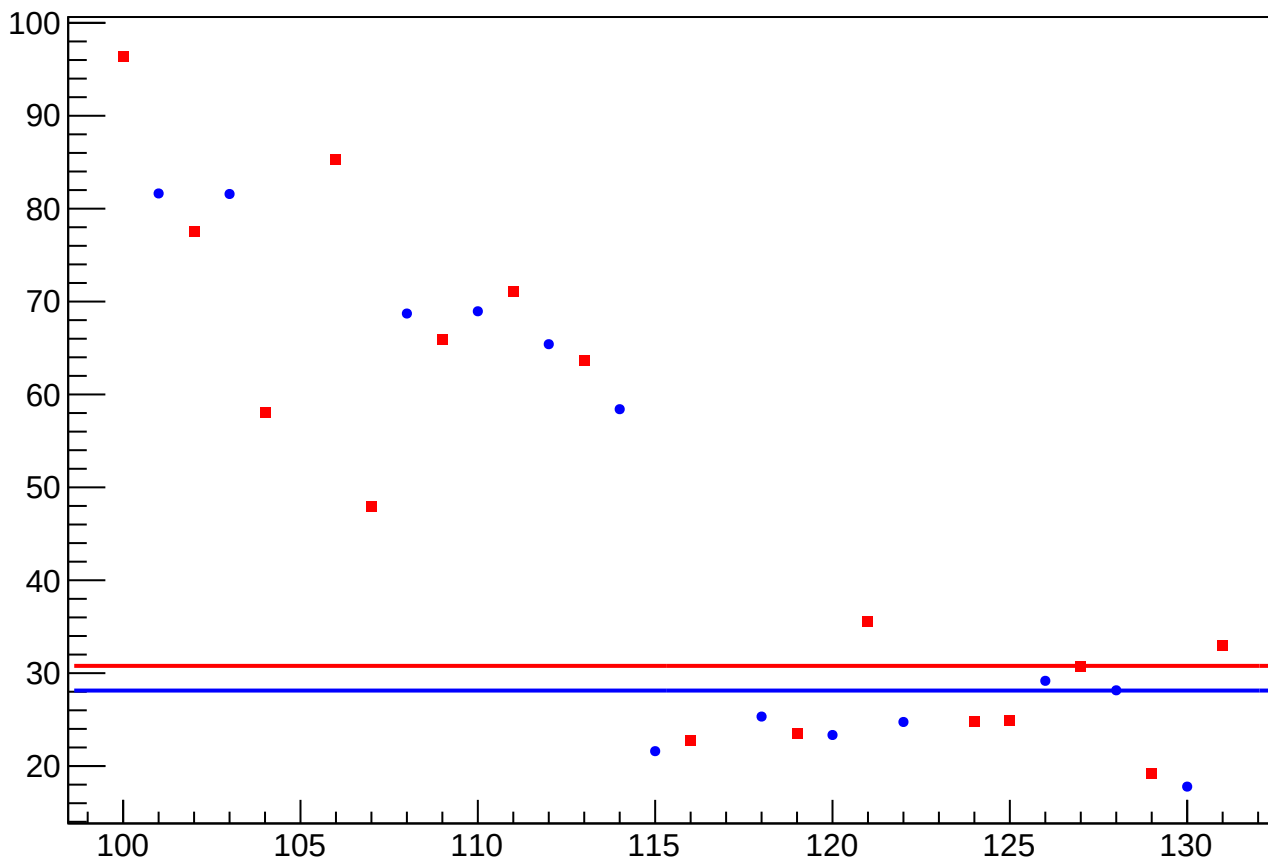
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.010 χ^2 /NDF: 23.3/28

- 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: 28.127+/-0.010 χ^2/NDF : 2309640.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.784+/-0.010 χ^2/NDF : 2311047.7/15

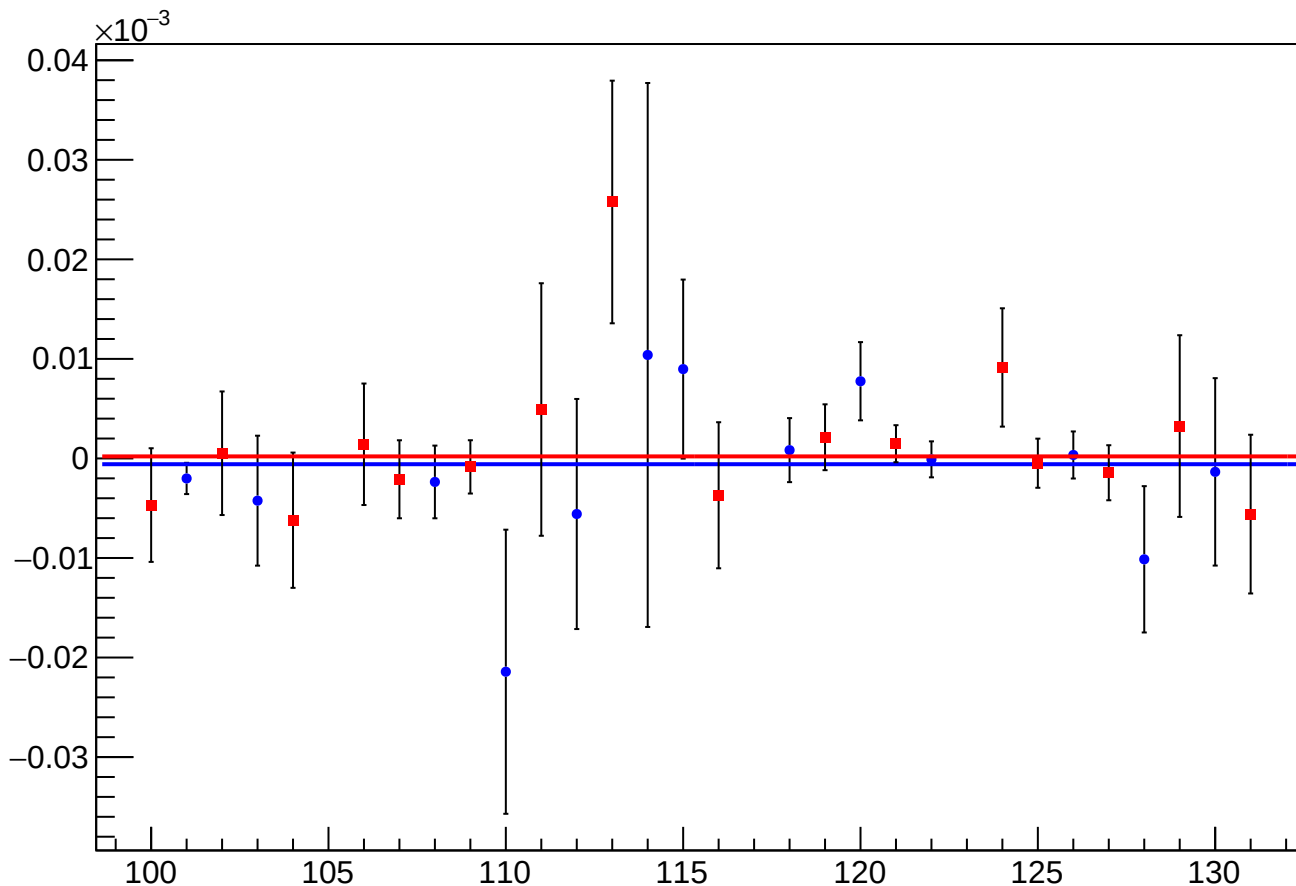
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.447+/-0.007 χ^2/NDF : 4656520.7/28

- 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 : 11.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 11.1/15

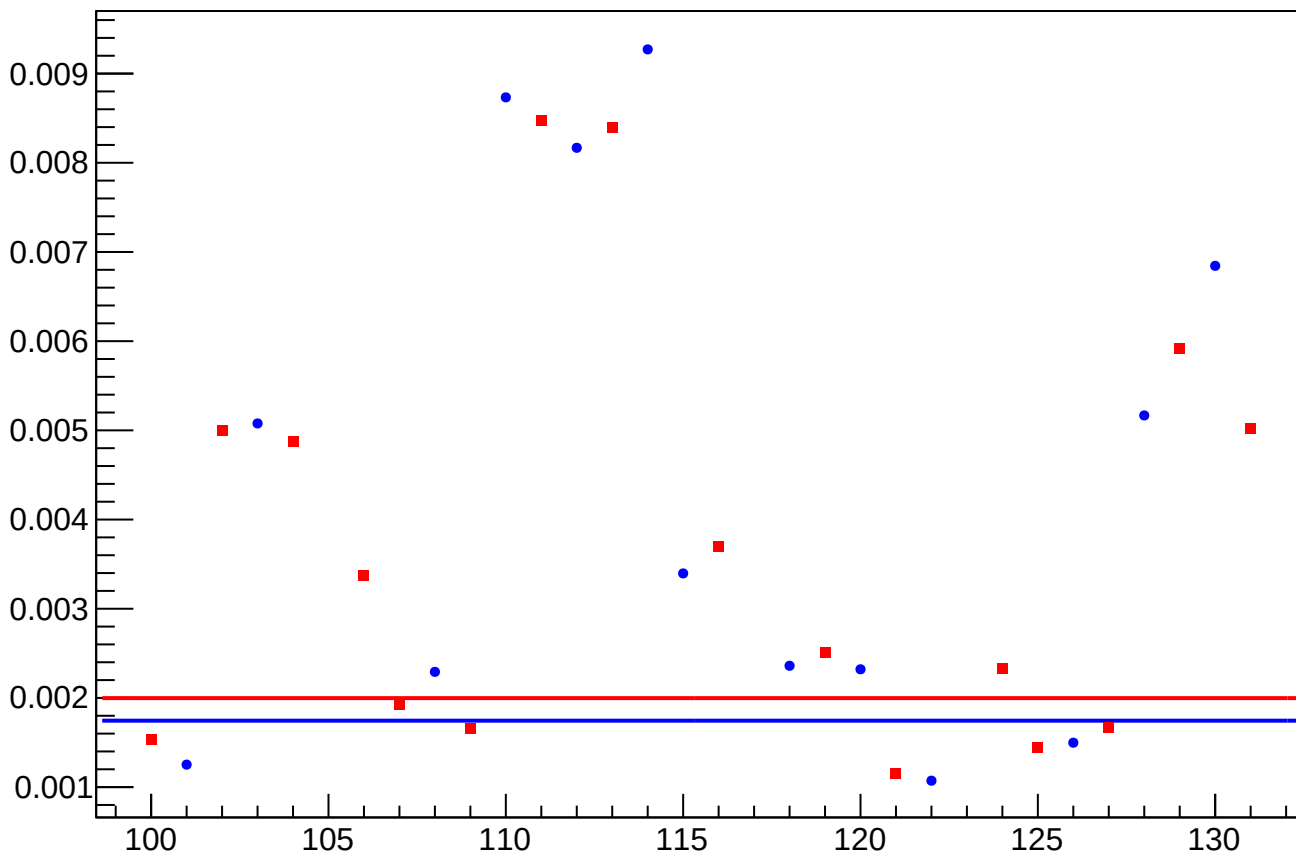
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 23.1/28

- 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 : 3515281.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3402229.7/15

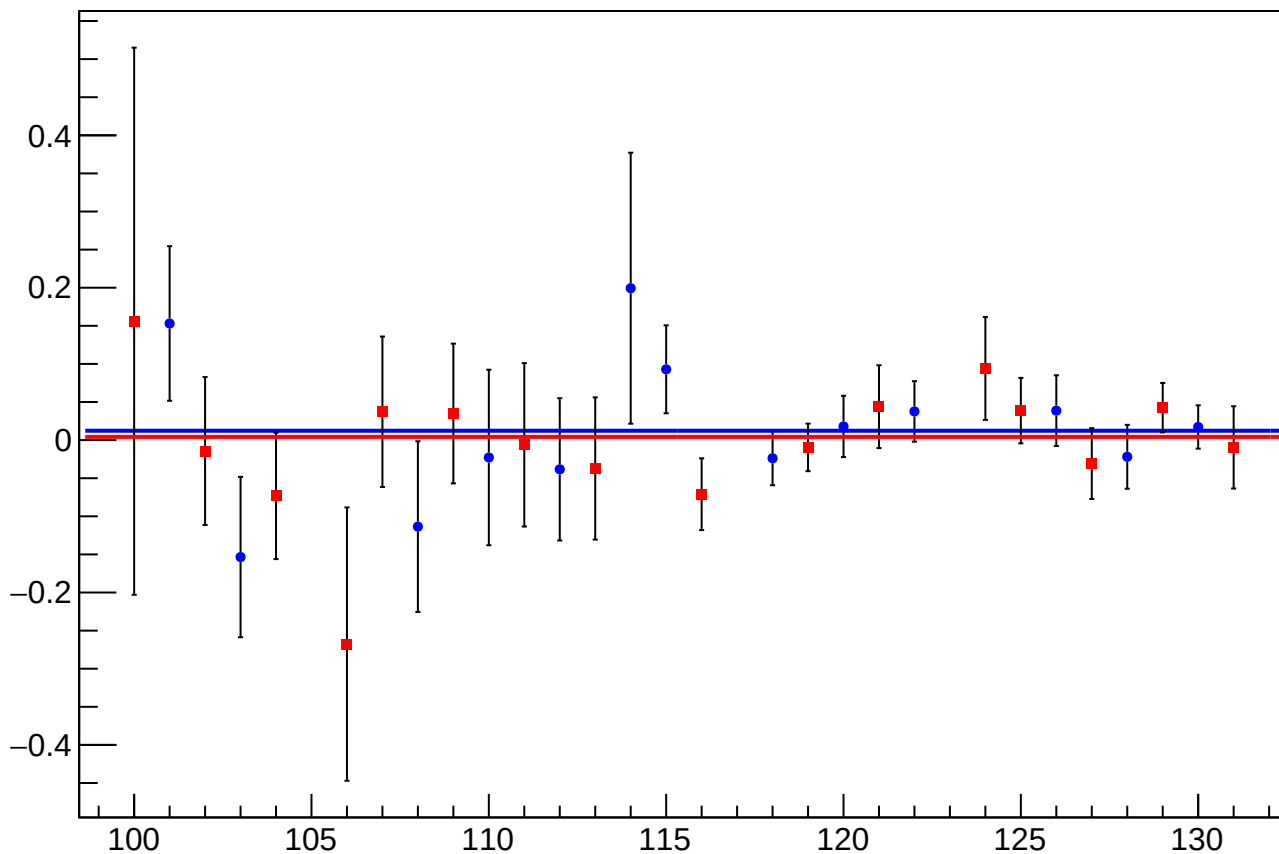
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6990002.6/28

- 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: 0.012 $\pm$ 0.014 χ^2 /NDF: 11.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.014 χ^2 /NDF: 11.5/15

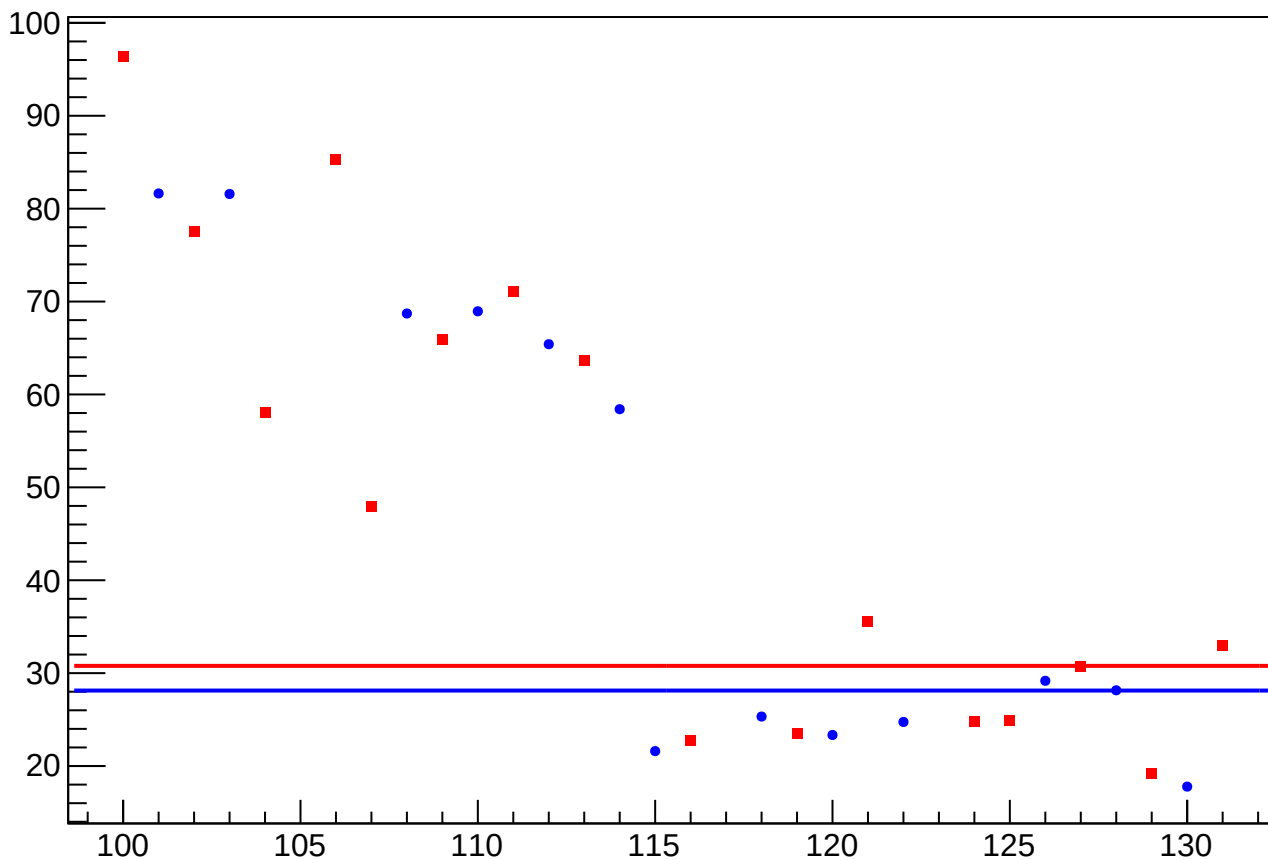
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.010 χ^2 /NDF: 23.3/28

- 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: 28.125+/-0.010 χ^2/NDF : 2309807.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.782+/-0.010 χ^2/NDF : 2311187.3/15

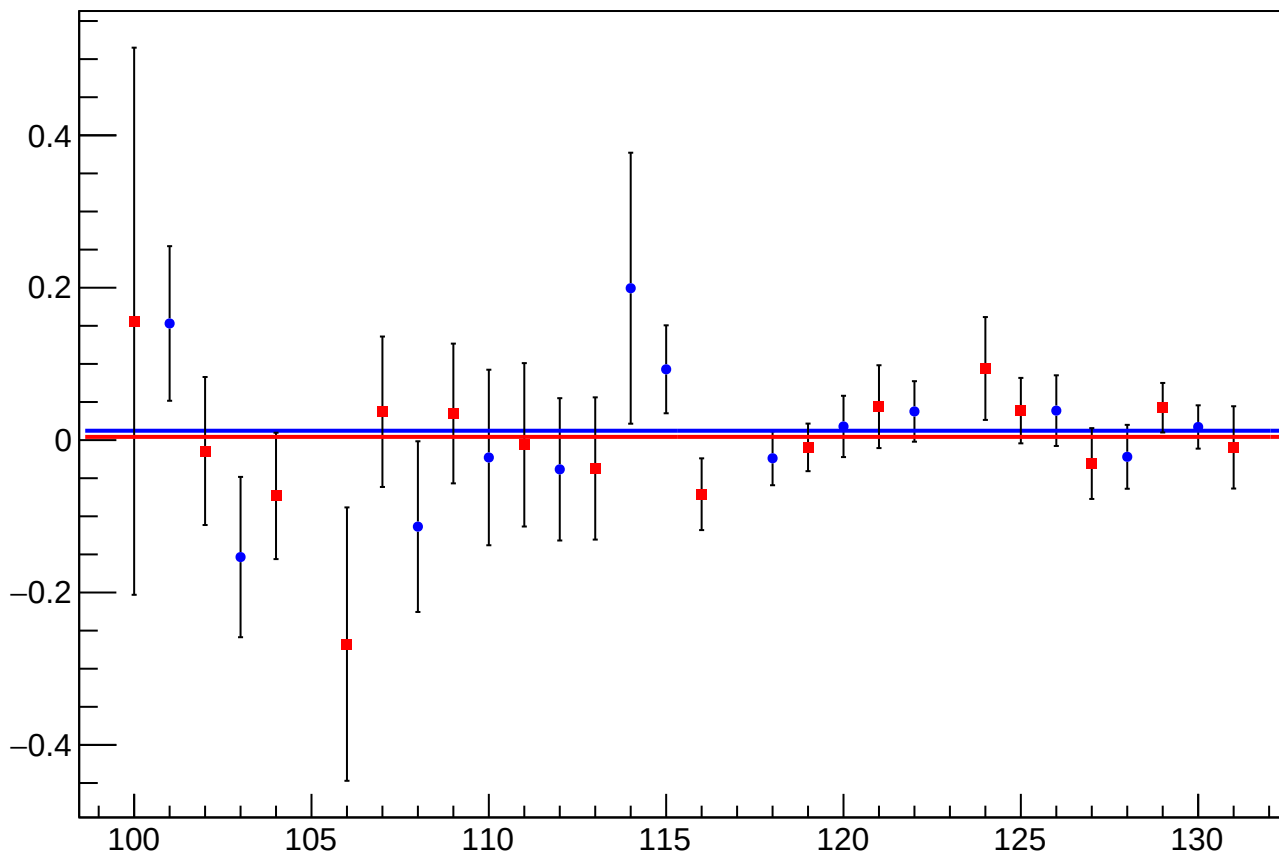
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.445+/-0.007 χ^2/NDF : 4656830.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.012 $\pm$ 0.014 χ^2 /NDF: 11.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.014 χ^2 /NDF: 11.5/15

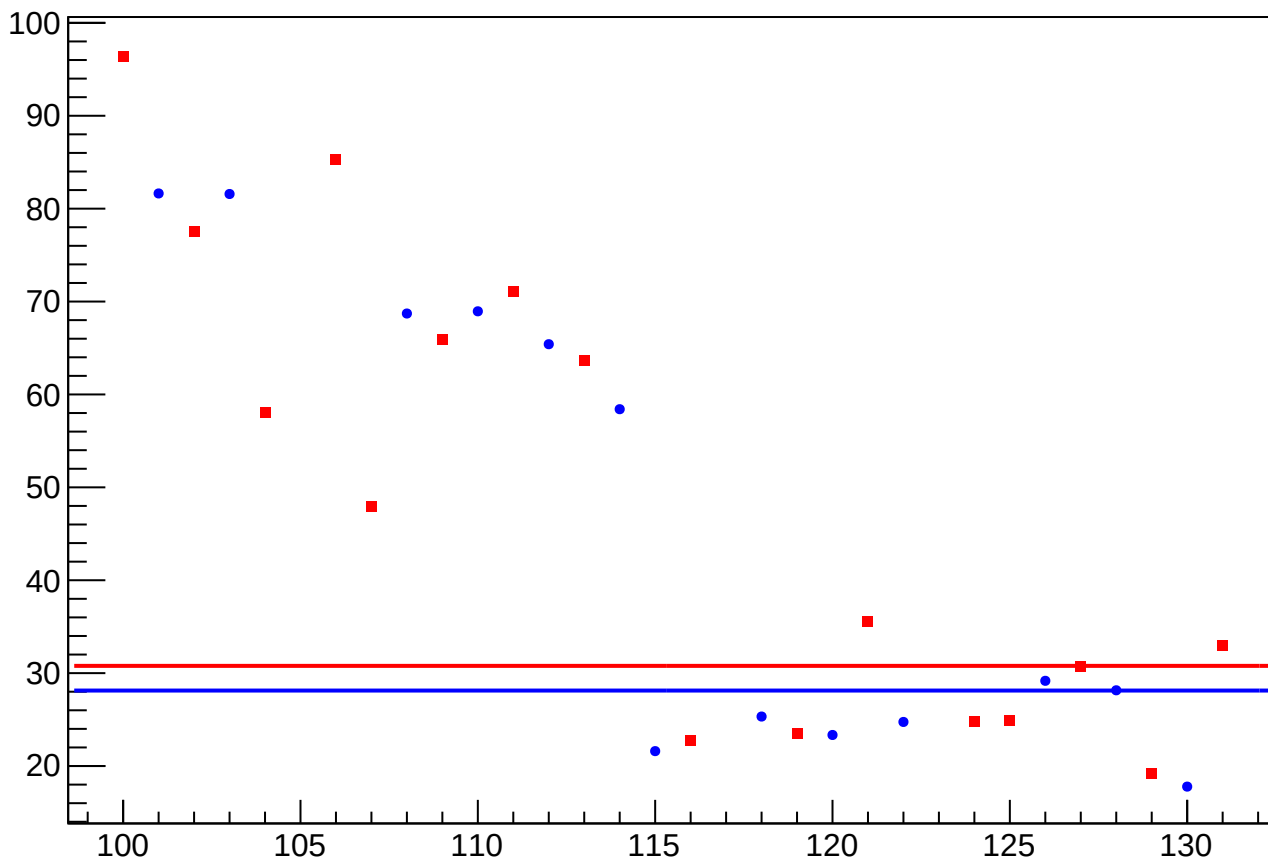
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.010 χ^2 /NDF: 23.3/28

- 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: 28.125+/-0.010 χ^2/NDF : 2309807.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.782+/-0.010 χ^2/NDF : 2311187.3/15

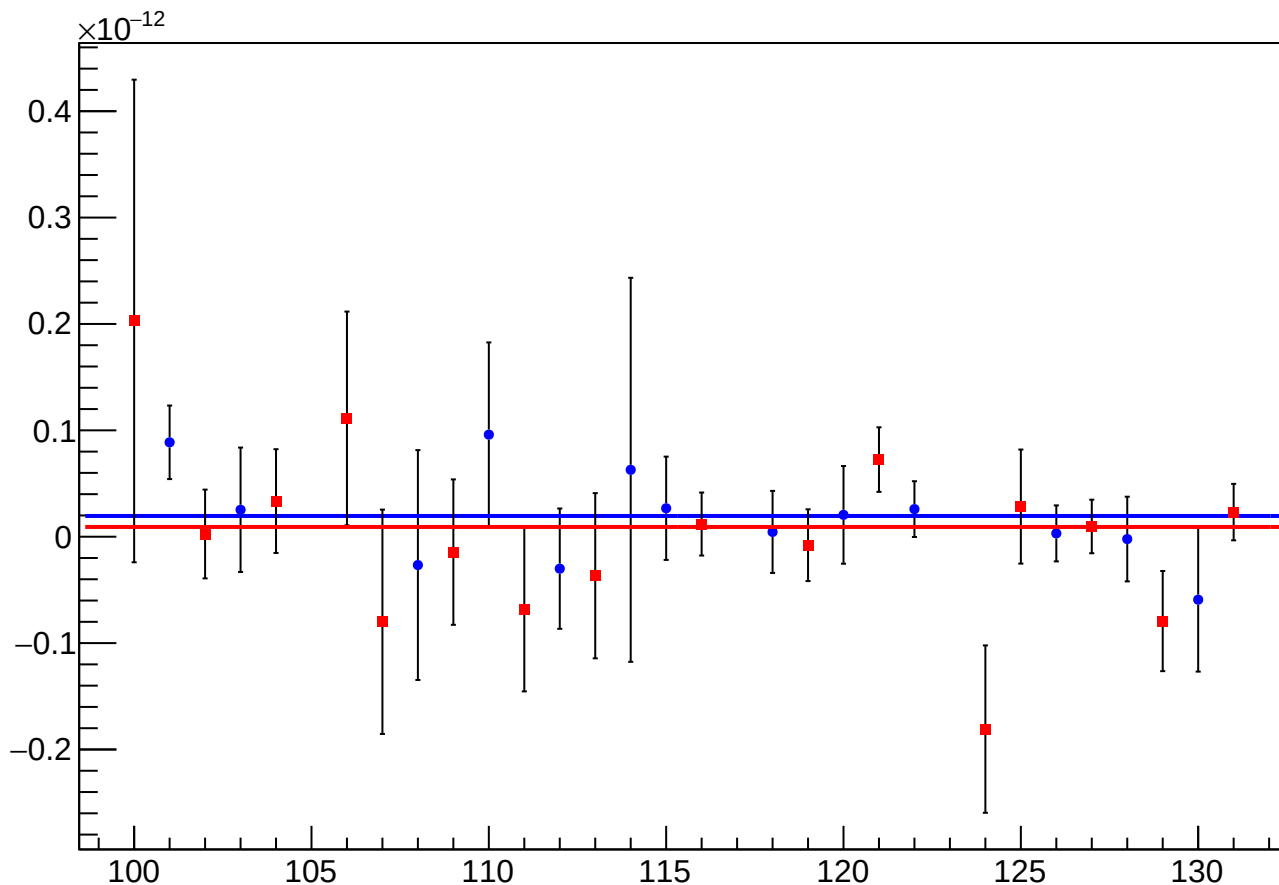
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.445+/-0.007 χ^2/NDF : 4656830.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.6/15

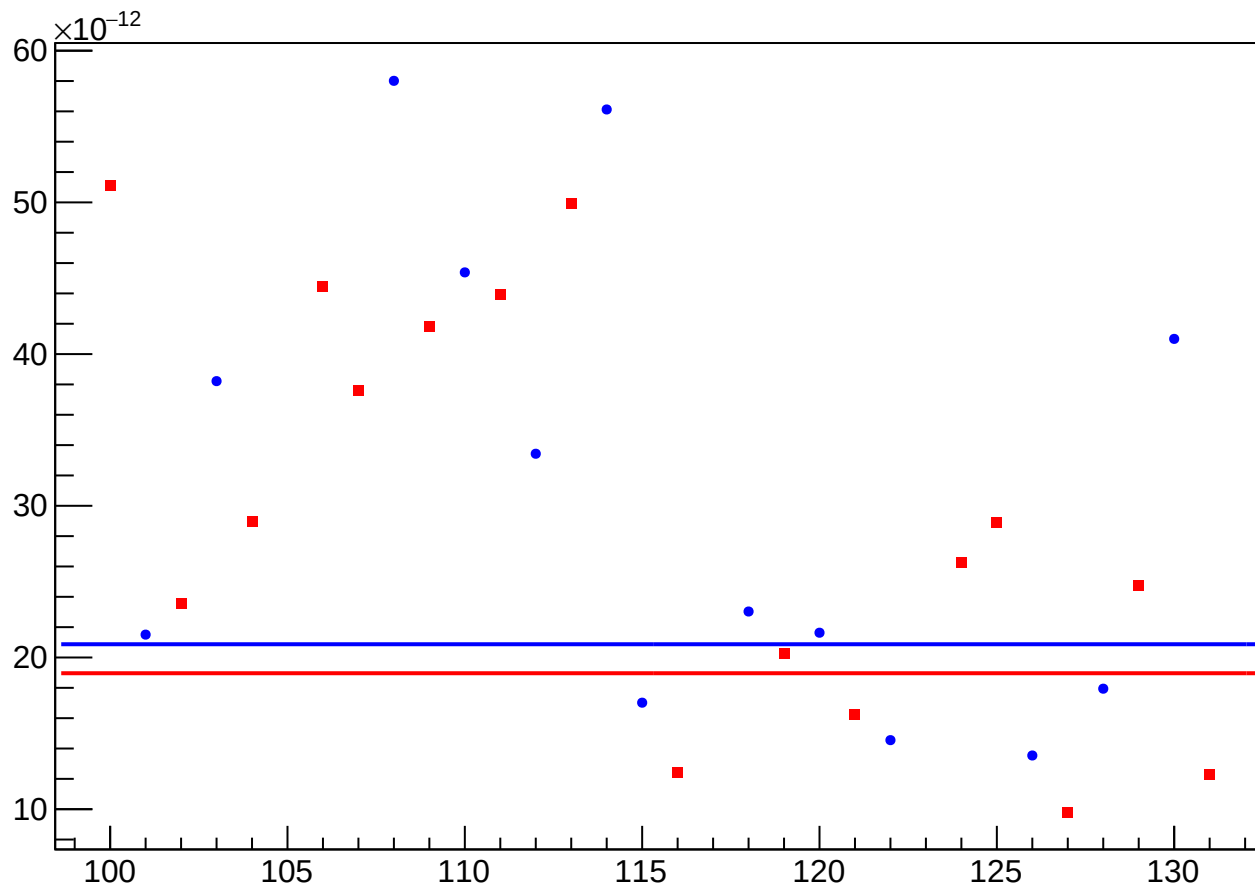
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 27.1/28

- 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 : 1226768.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1720279.2/15

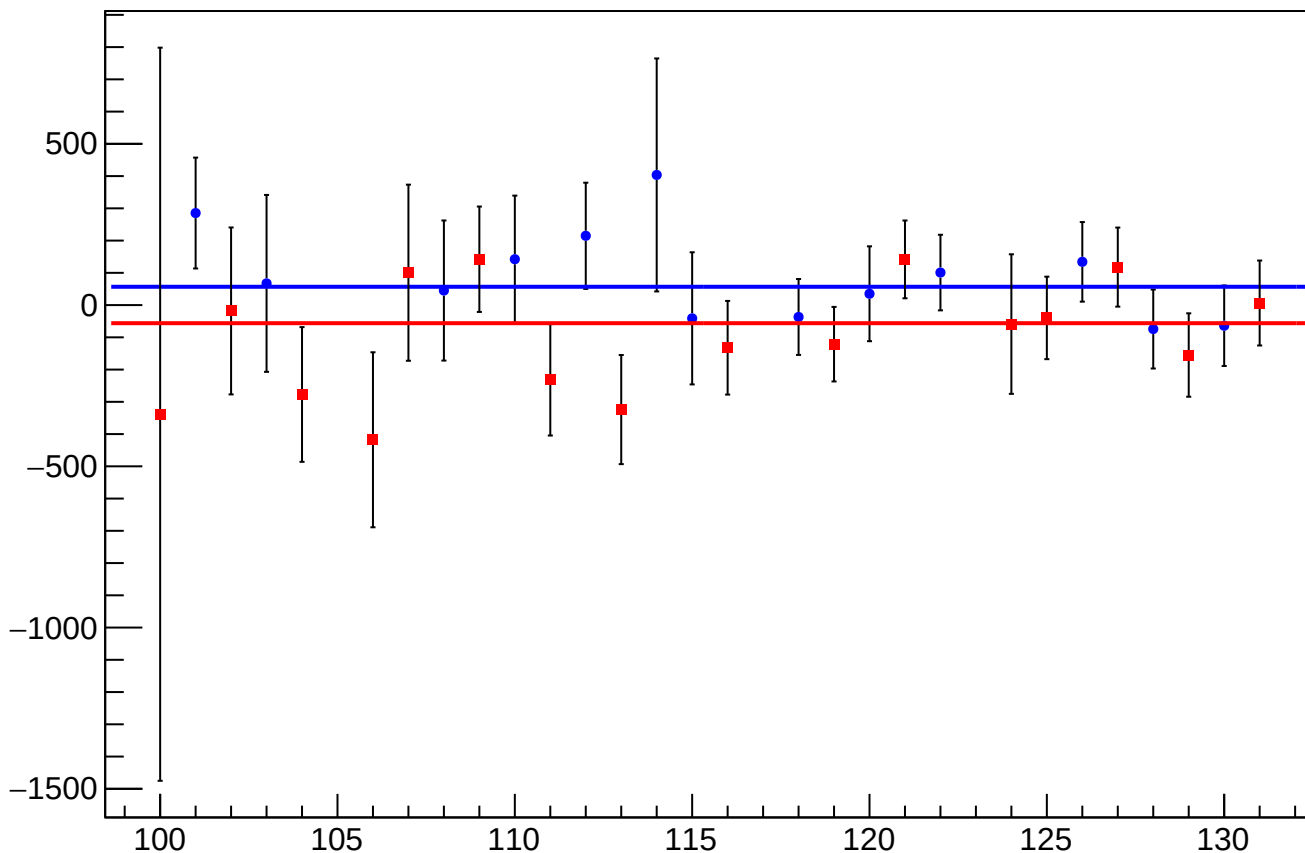
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2975573.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_mean vs Slug



Right In: 56.810+/-42.634 χ^2/NDF : 7.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -56.151+/-39.875 χ^2/NDF : 14.4/15

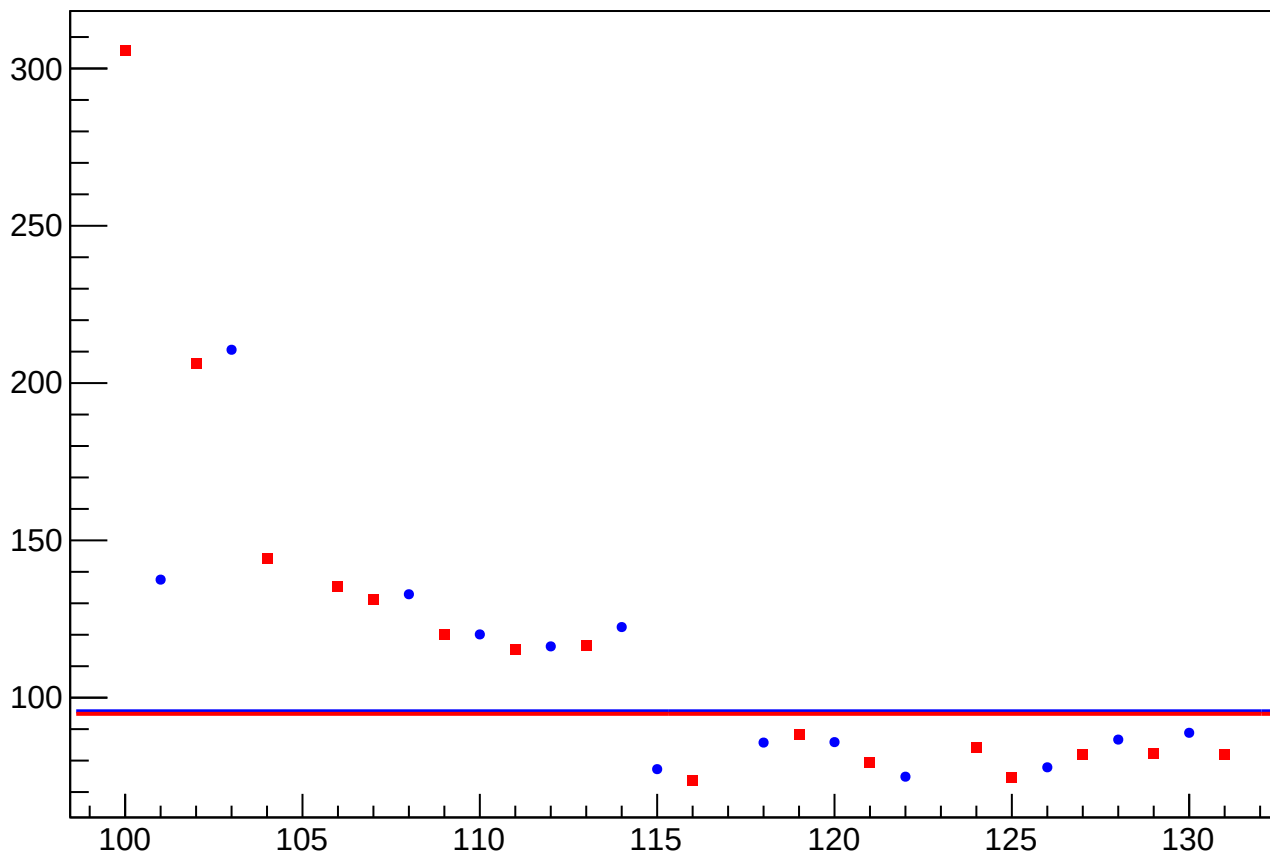
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.443+/-29.123 χ^2/NDF : 25.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_rms vs Slug



Right In: 95.664 $\pm$ 0.030 χ^2 /NDF: 761946.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 94.869 $\pm$ 0.028 χ^2 /NDF: 936277.4/15

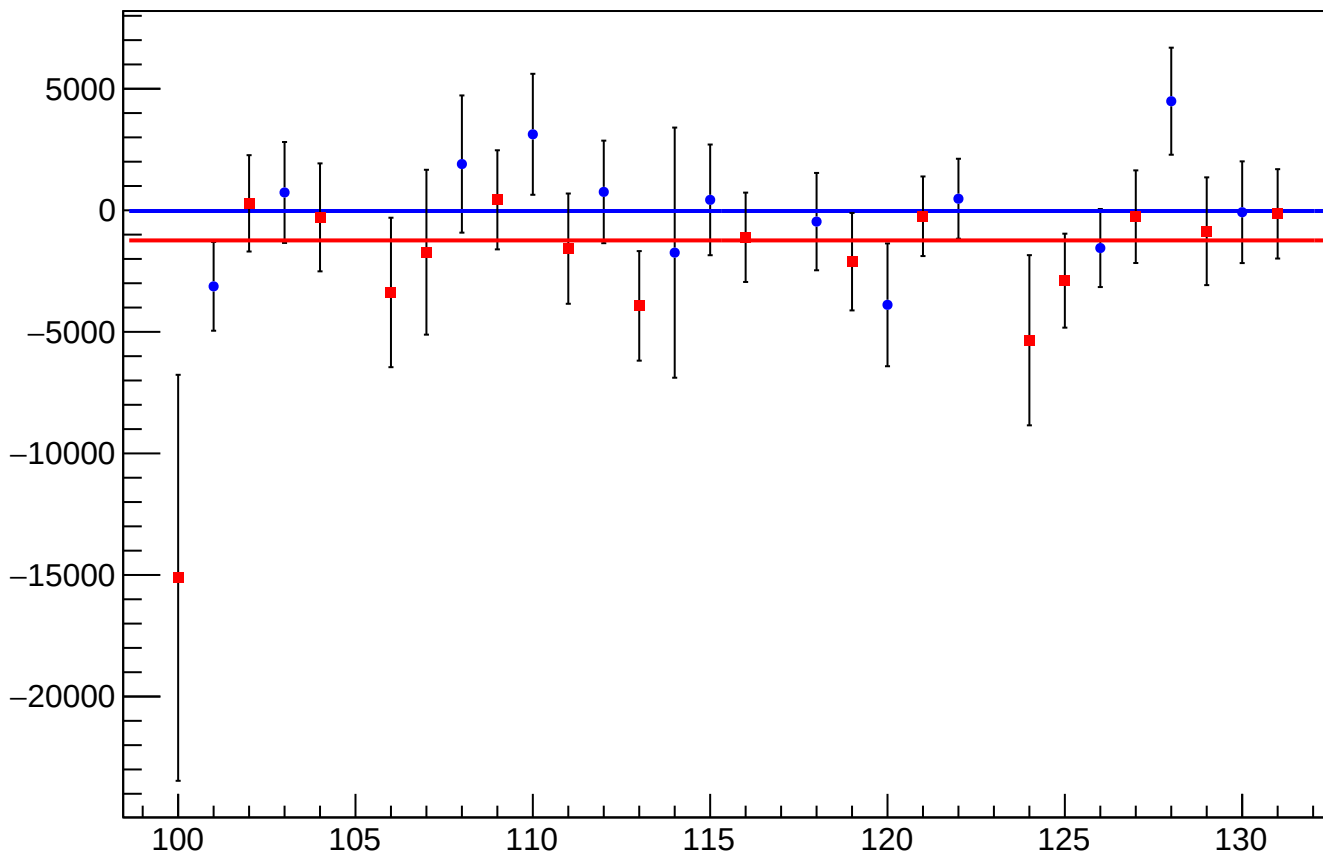
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 95.240 $\pm$ 0.021 χ^2 /NDF: 1698594.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_reg_correction_mean vs Slug



Right In: -28.189+/-589.918 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1238.239+/-547.237 χ^2/NDF : 9.5/15

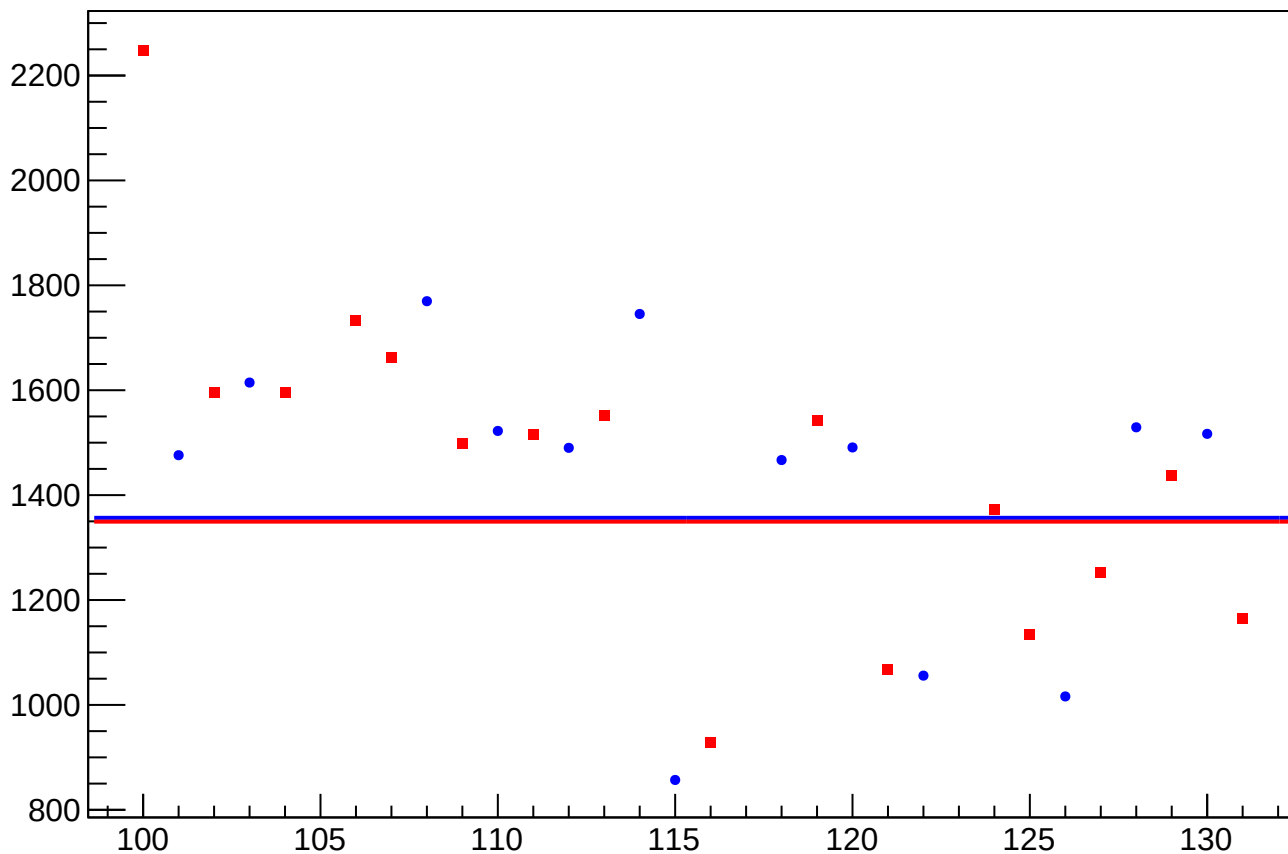
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -678.567+/-401.196 χ^2/NDF : 24.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_reg_correction_rms vs Slug



Right In: 1356.712 $\pm$ 0.417 χ^2 /NDF: 399558.5/12

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

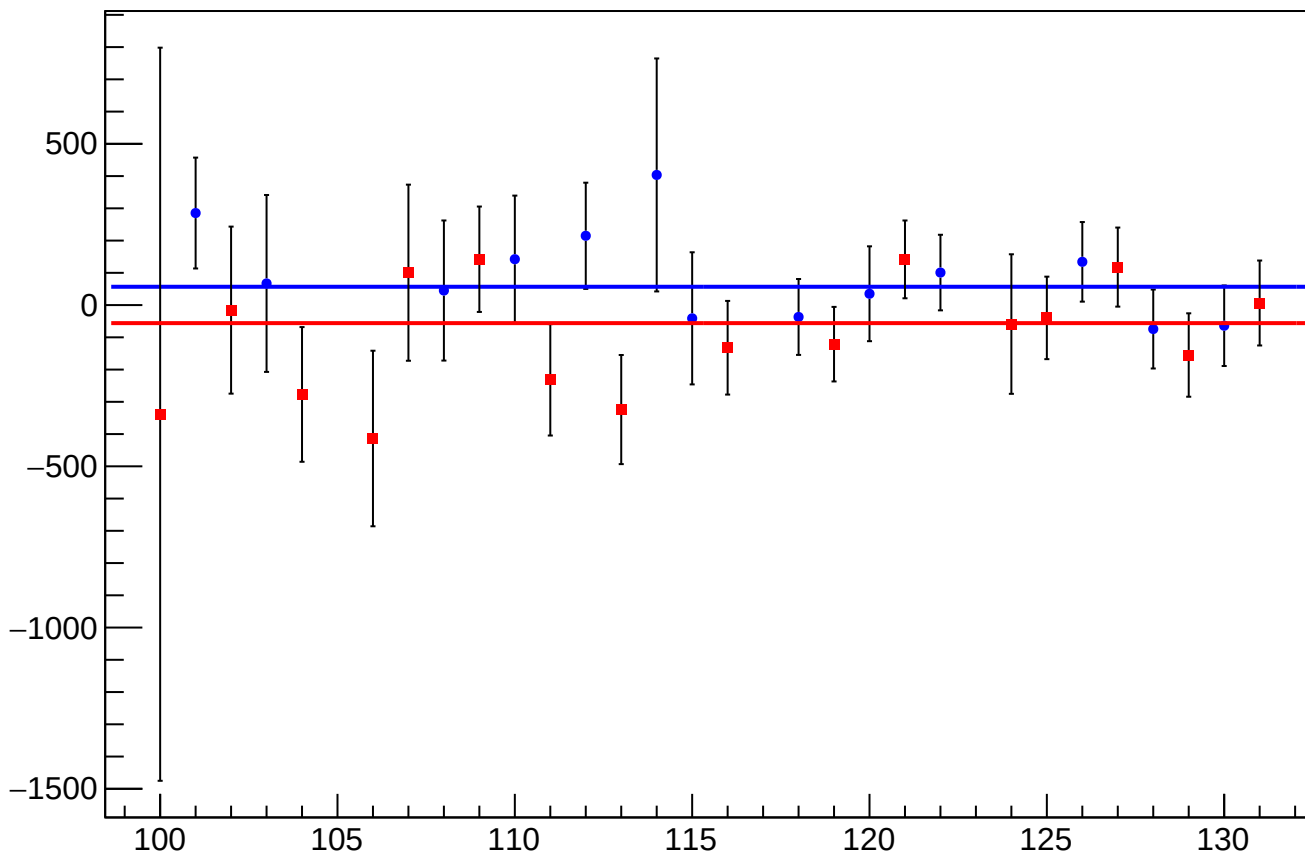
Right Out: 1349.440 $\pm$ 0.387 χ^2 /NDF: 400927.5/15

All: 1352.804 $\pm$ 0.284 χ^2 /NDF: 800649.4/28

- 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_3726_avg_mean vs Slug



Right In: 56.803+/-42.634 χ^2/NDF : 7.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -55.954+/-39.878 χ^2/NDF : 14.4/15

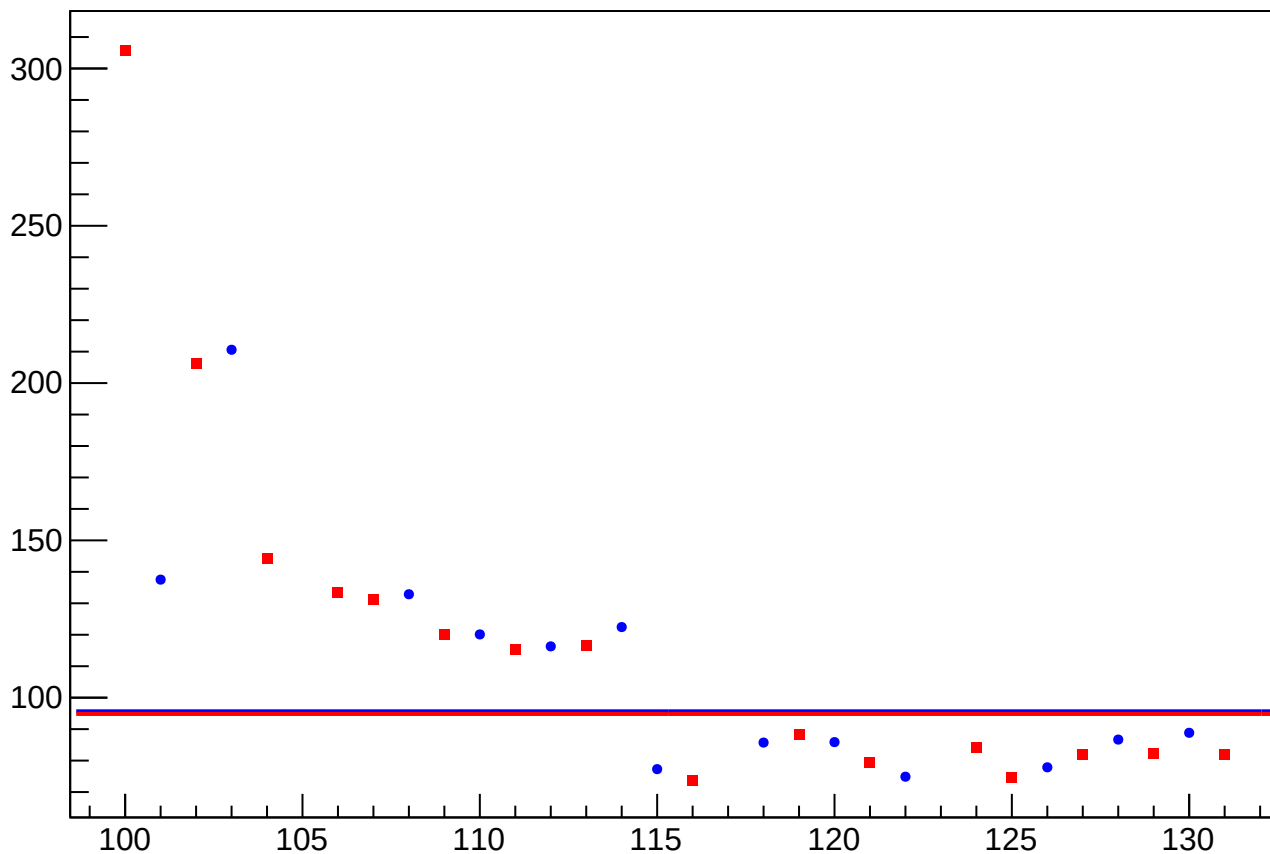
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.337+/-29.124 χ^2/NDF : 25.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_3726_avg_rms vs Slug



Right In: 95.664+/-0.030 χ^2/NDF : 761948.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.821+/-0.028 χ^2/NDF : 932154.4/15

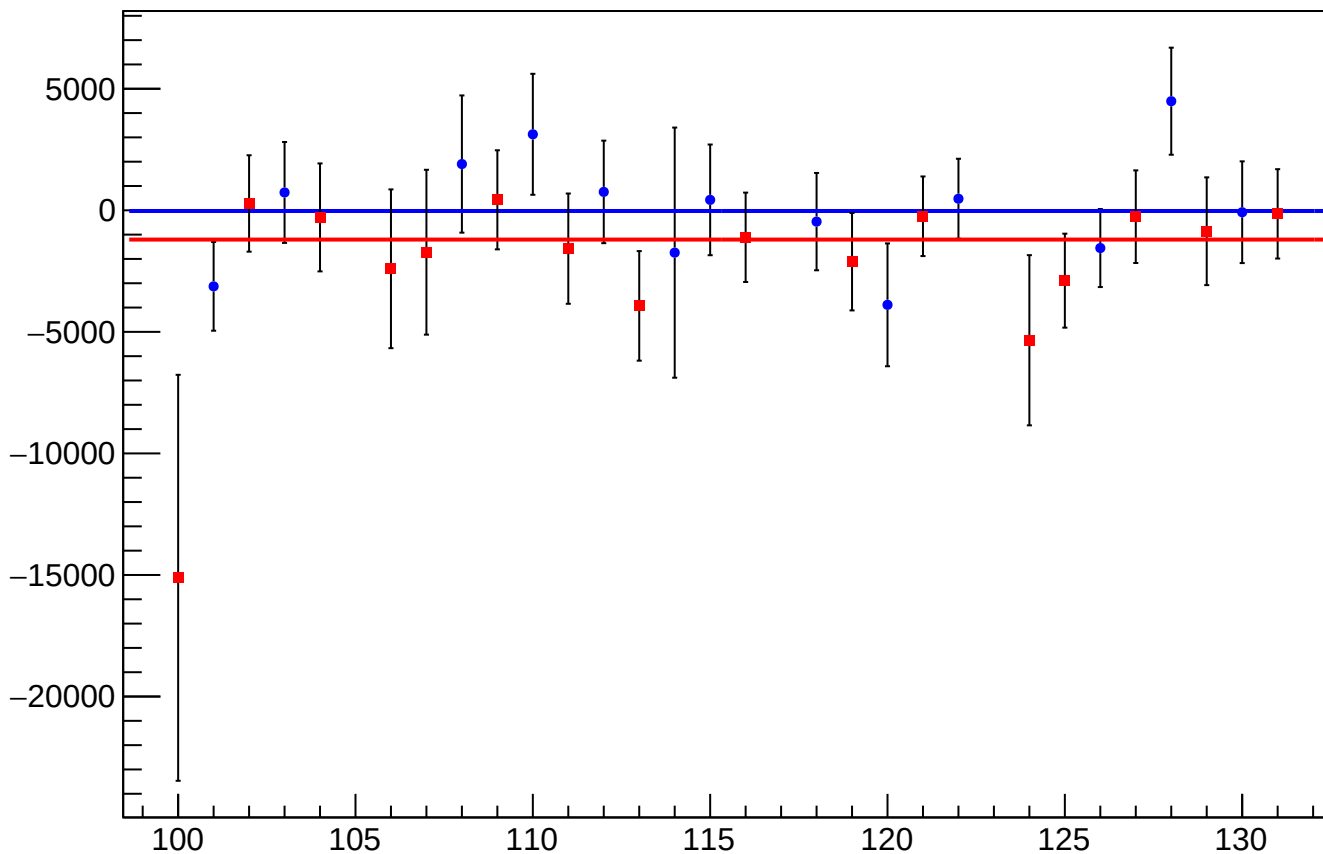
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.215+/-0.021 χ^2/NDF : 1694520.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_cor_correction_mean vs Slug



Right In: -28.124+/-589.921 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1203.658+/-548.257 χ^2/NDF : 9.1/15

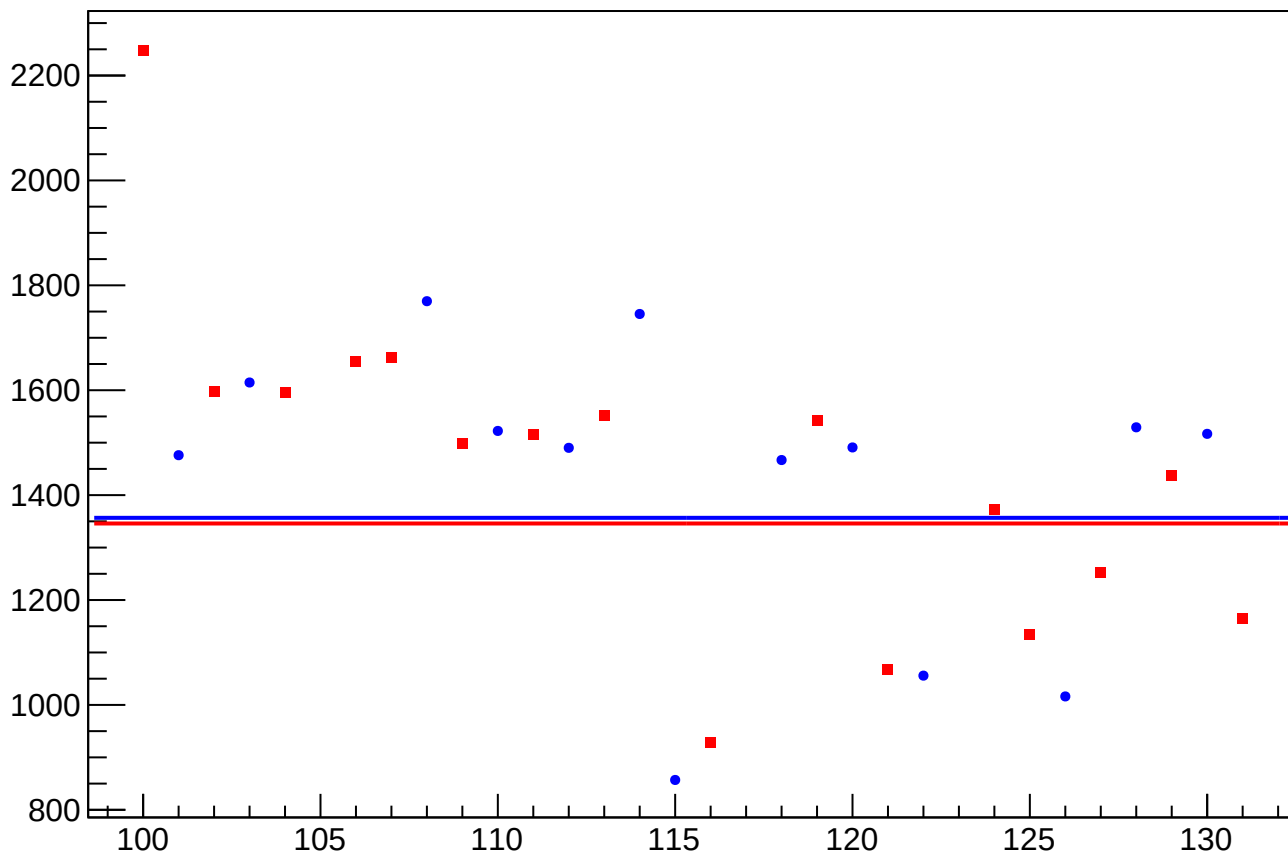
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -658.865+/-401.599 χ^2/NDF : 24.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_cor_correction_rms vs Slug



Right In: 1356.718+/-0.417 χ^2/NDF : 399581.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1345.911+/-0.388 χ^2/NDF : 387444.4/15

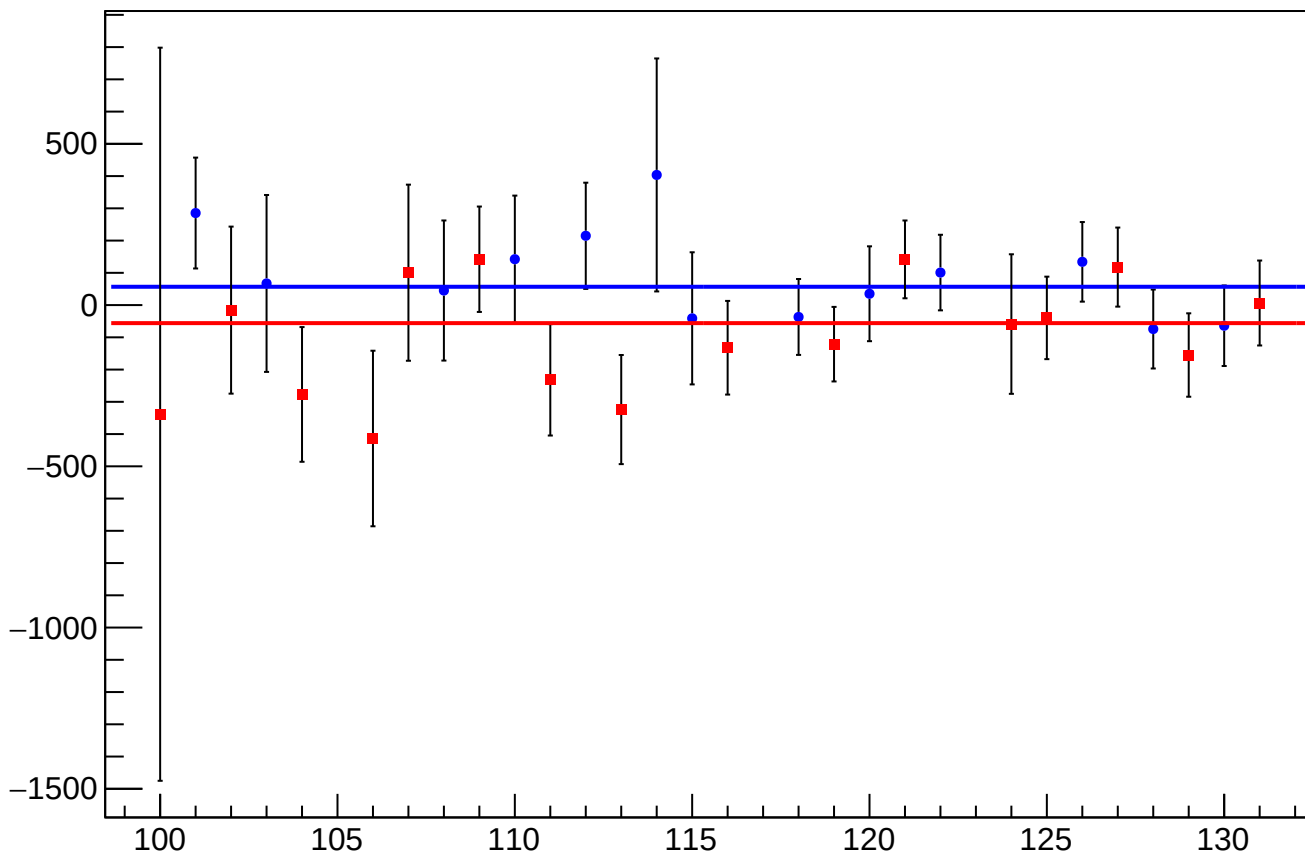
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.919+/-0.284 χ^2/NDF : 787386.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_3726_avg_mean vs Slug



Right In: 56.803+/-42.634 χ^2/NDF : 7.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -55.954+/-39.878 χ^2/NDF : 14.4/15

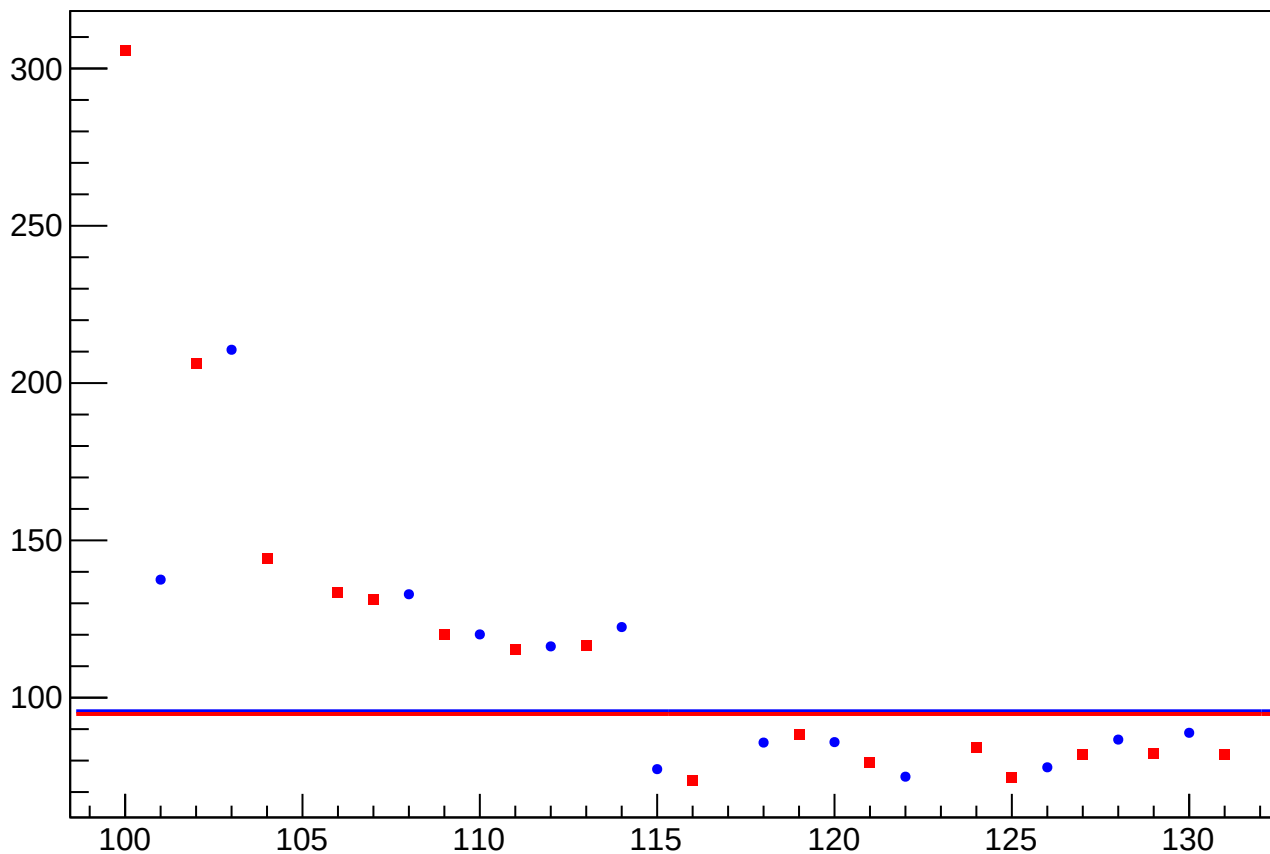
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.337+/-29.124 χ^2/NDF : 25.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_3726_avg_rms vs Slug



Right In: 95.664+/-0.030 χ^2/NDF : 761948.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.821+/-0.028 χ^2/NDF : 932154.4/15

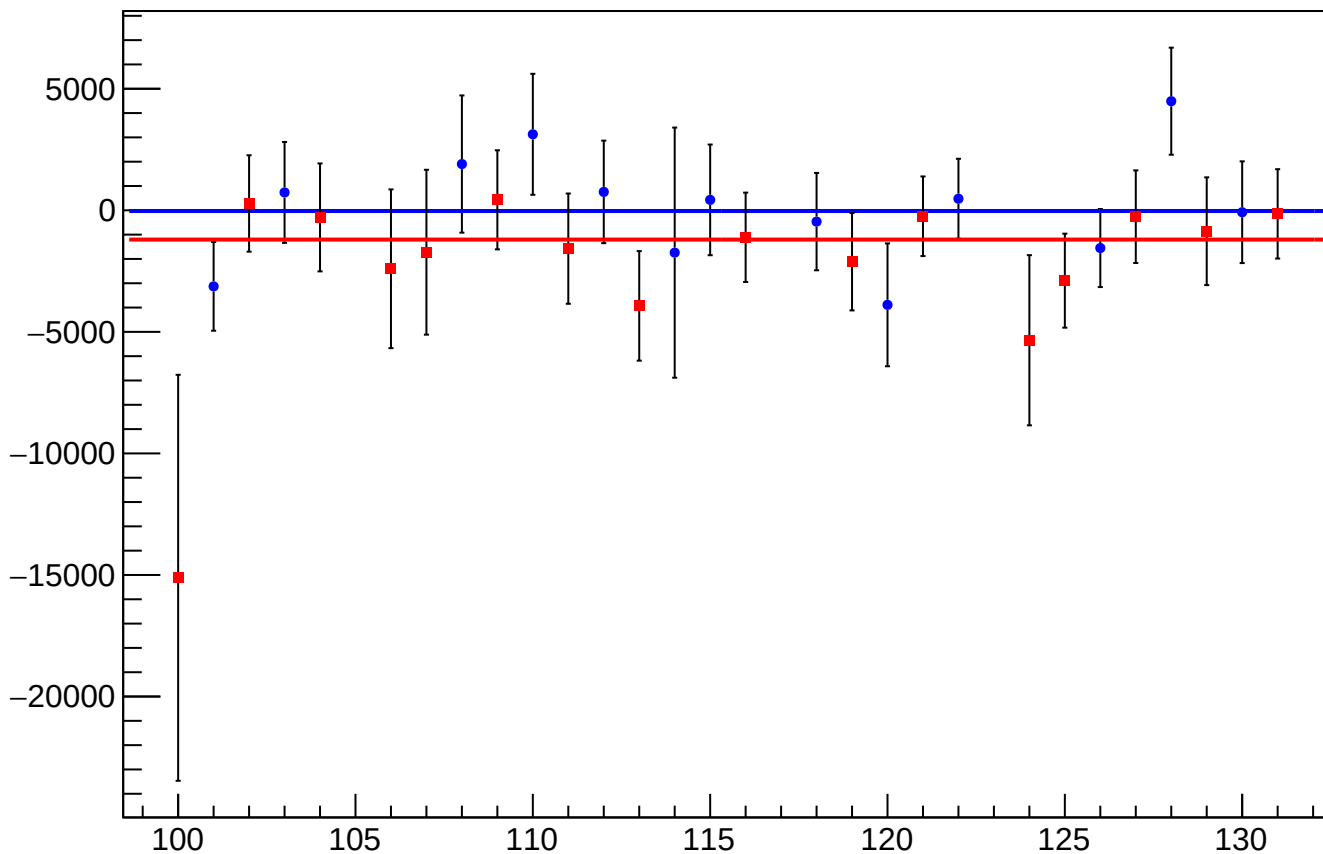
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.215+/-0.021 χ^2/NDF : 1694520.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_cor_correction_mean vs Slug



Right In: -28.124 ± 589.921 χ^2/NDF : 13.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1203.658 ± 548.257 χ^2/NDF : 9.1/15

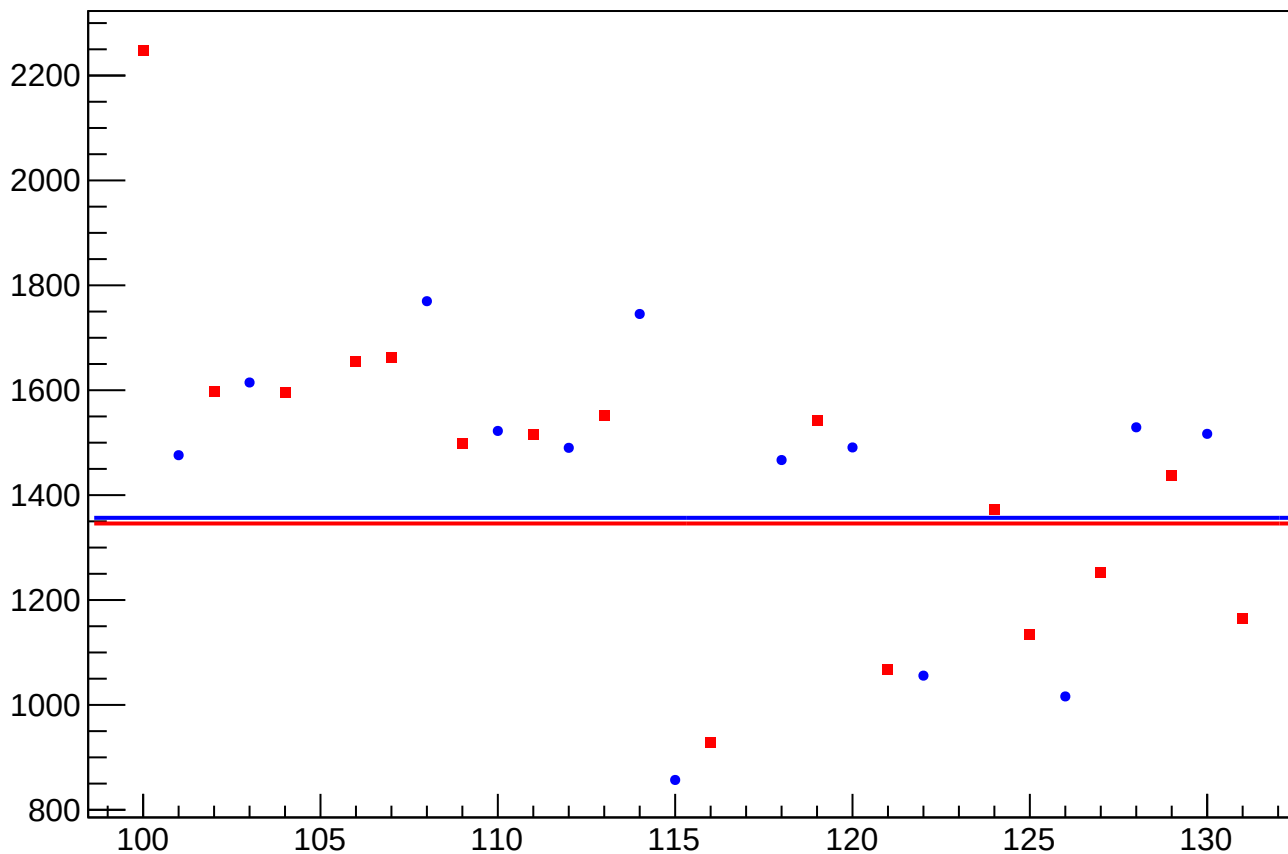
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -658.865 ± 401.599 χ^2/NDF : 24.2/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_cor_correction_rms vs Slug



Right In: 1356.718+/-0.417 χ^2/NDF : 399581.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1345.911+/-0.388 χ^2/NDF : 387444.4/15

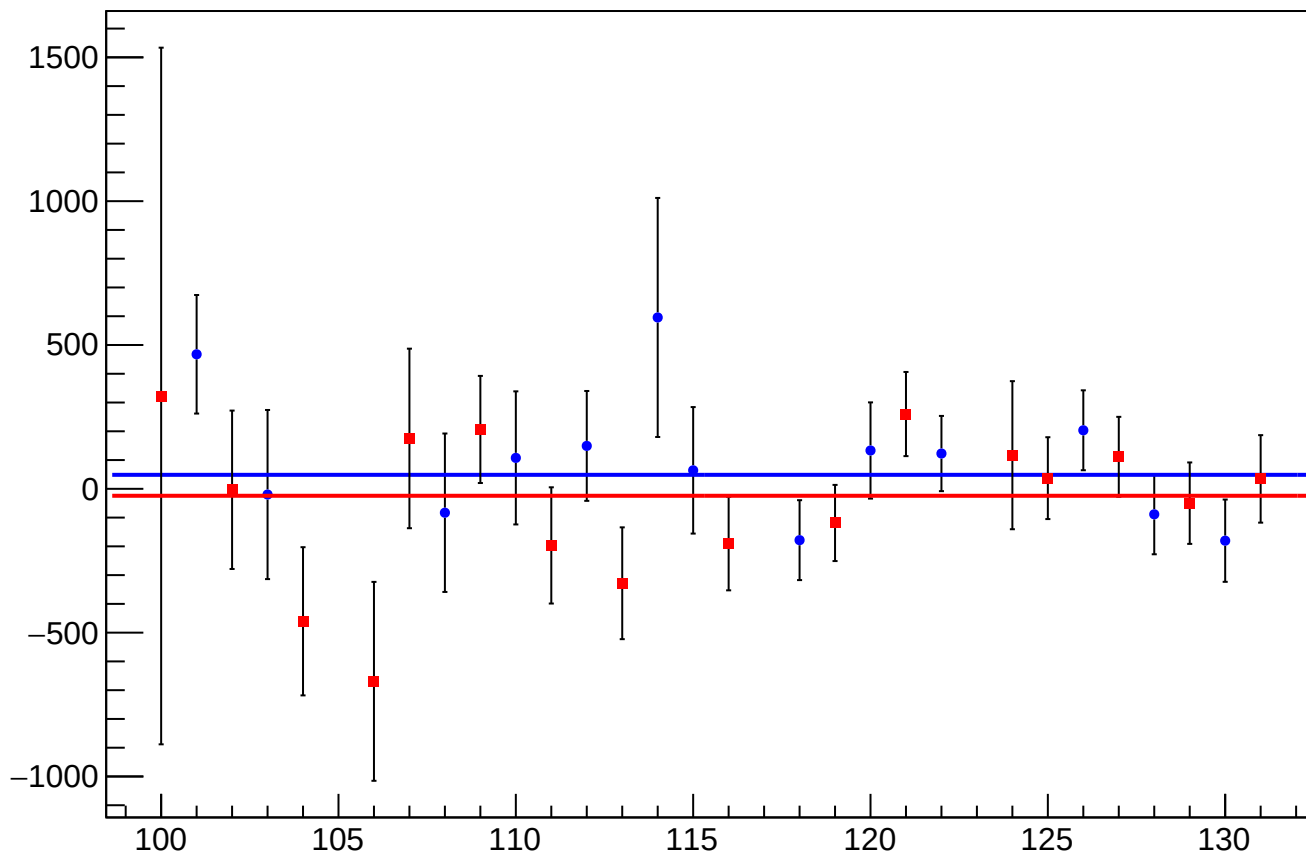
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.919+/-0.284 χ^2/NDF : 787386.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3726_avg_mean vs Slug



Right In: 48.638+/-48.826 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.157+/-45.714 χ^2/NDF : 18.5/15

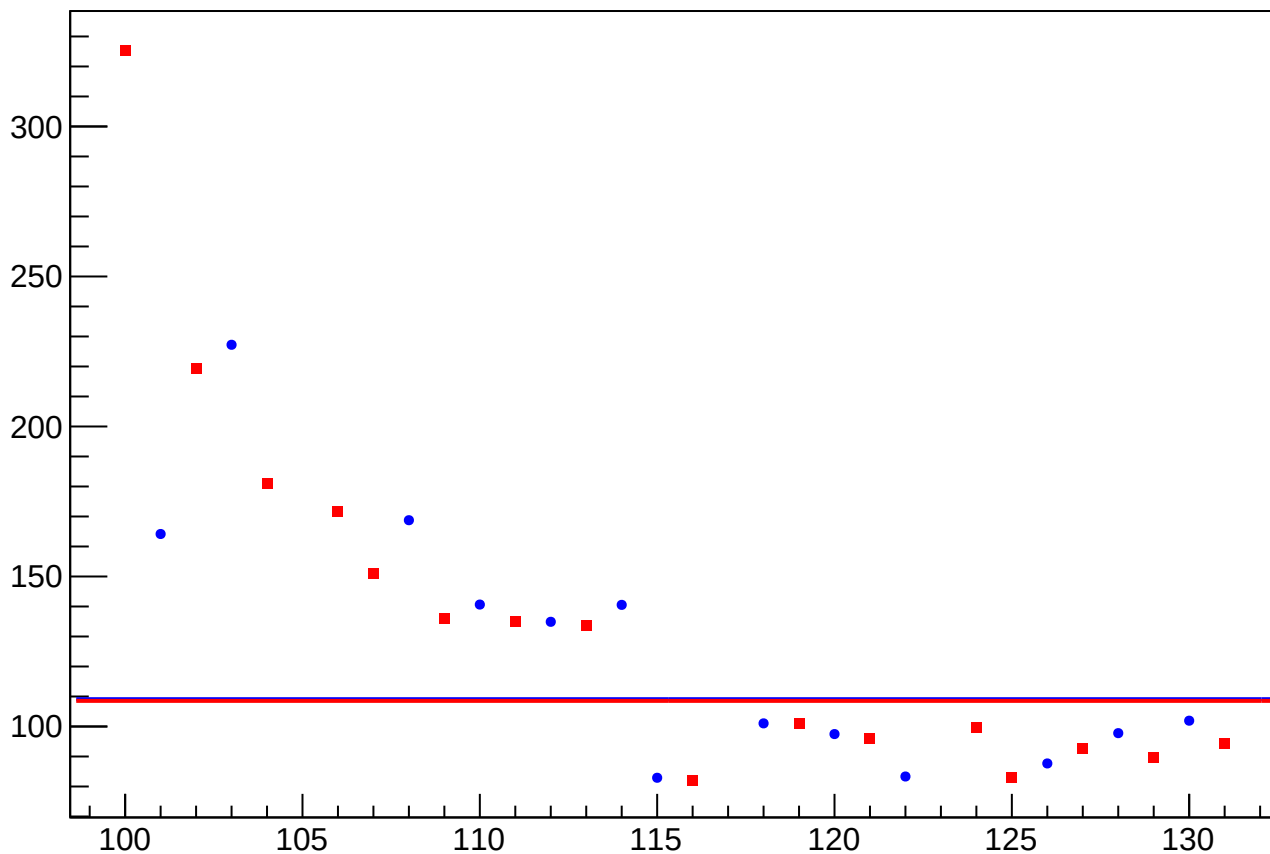
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.848+/-33.371 χ^2/NDF : 34.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3726_avg_rms vs Slug



Right In: 109.104 $\pm$ 0.035 χ^2 /NDF: 833026.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 108.543 $\pm$ 0.032 χ^2 /NDF: 981340.8/15

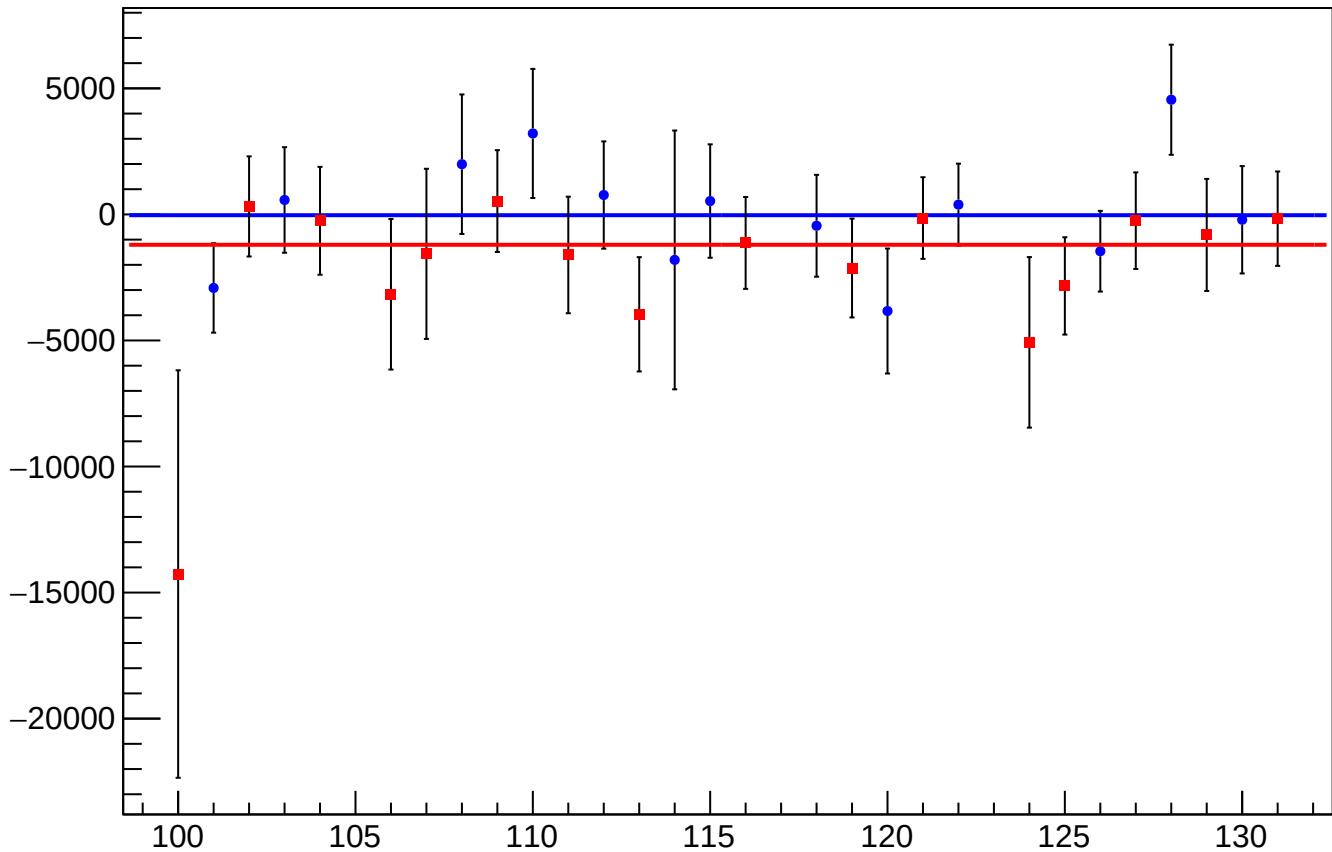
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 108.805 $\pm$ 0.024 χ^2 /NDF: 1814508.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_dit_correction_mean vs Slug



Right In: -31.068+/-588.053 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1204.274+/-544.419 χ^2/NDF : 9.4/15

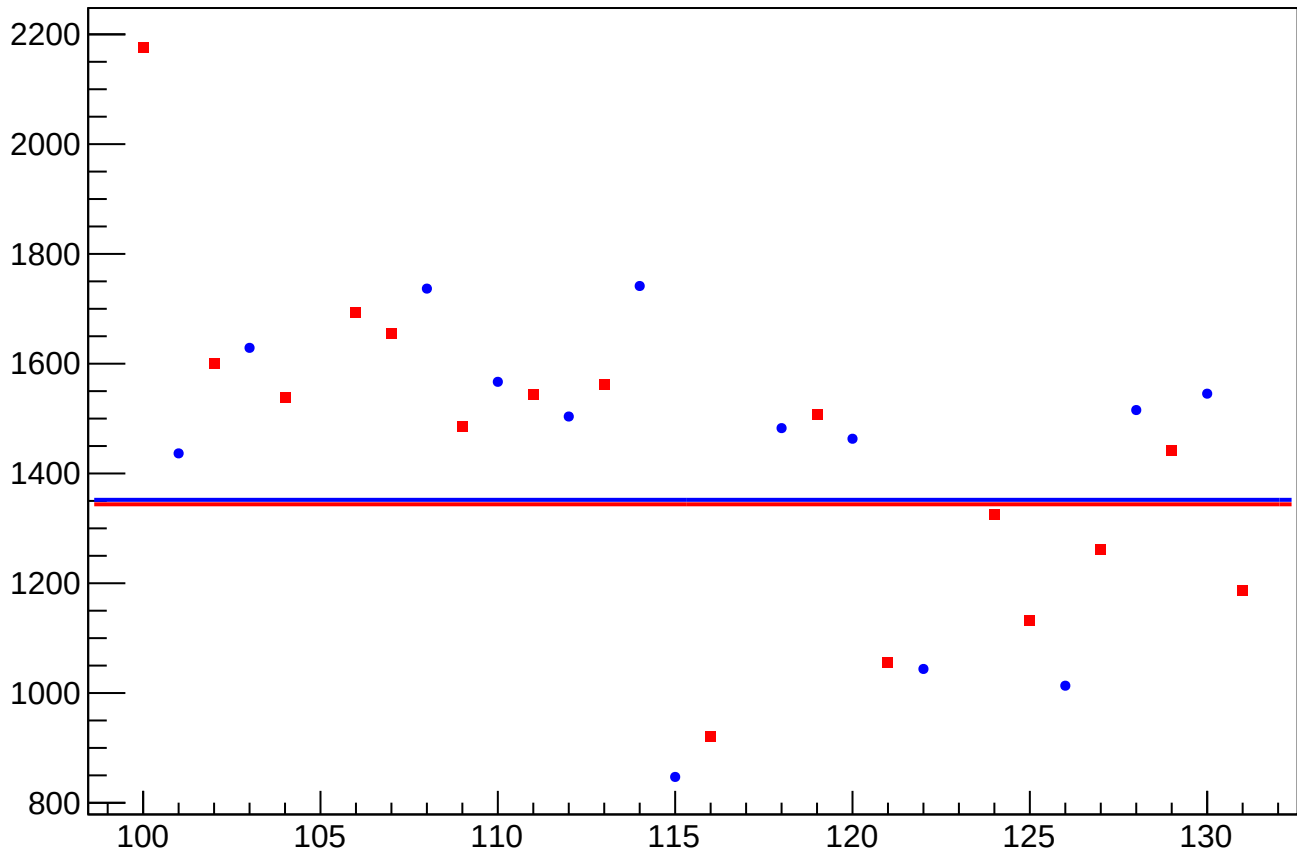
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -662.808+/-399.498 χ^2/NDF : 24.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_dit_correction_rms vs Slug



Right In: 1351.988+/-0.416 χ^2/NDF : 416177.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

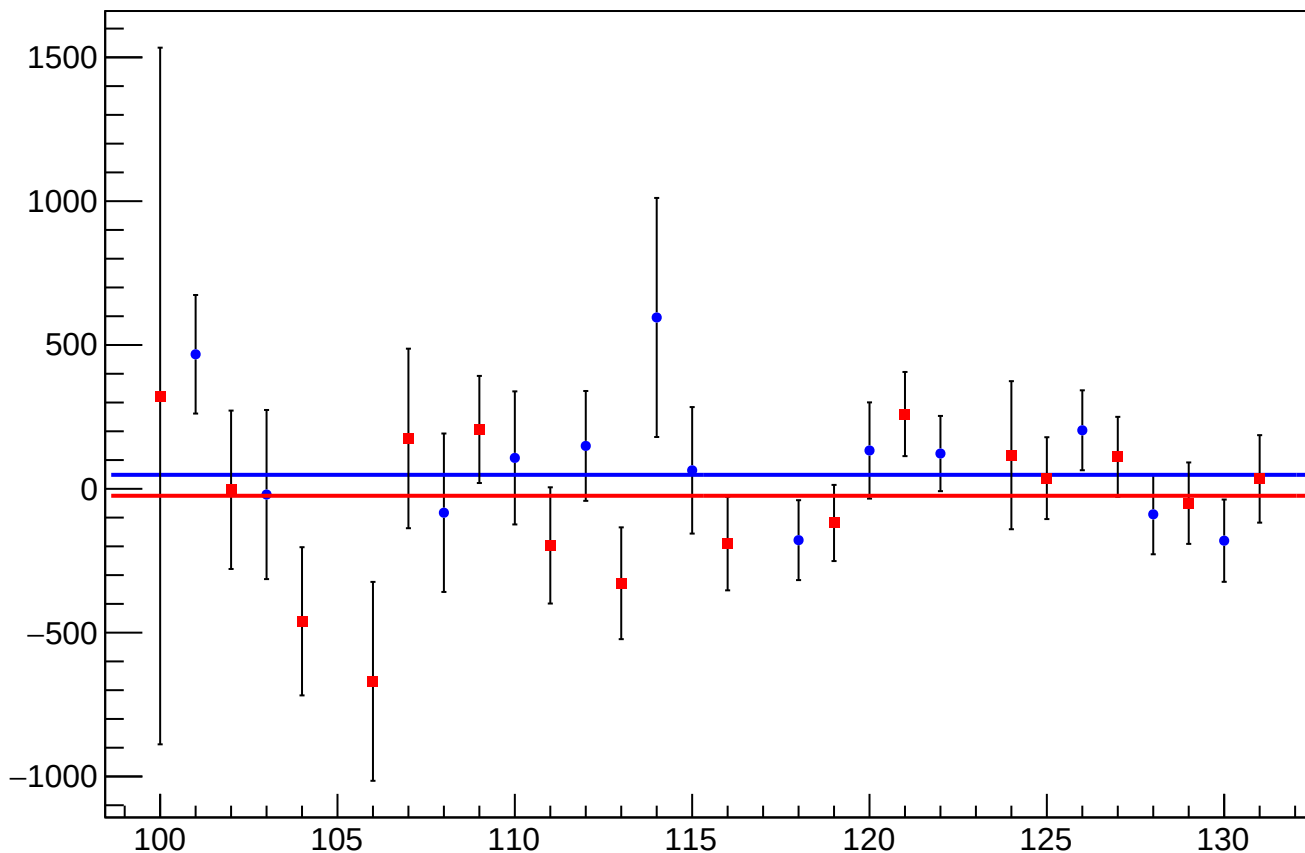
Right Out: 1343.829+/-0.385 χ^2/NDF : 390139.6/15

All: 1347.595+/-0.282 χ^2/NDF : 806524.9/28

- 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: 48.636+/-48.826 χ^2/NDF : 14.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.153+/-45.714 χ^2/NDF : 18.5/15

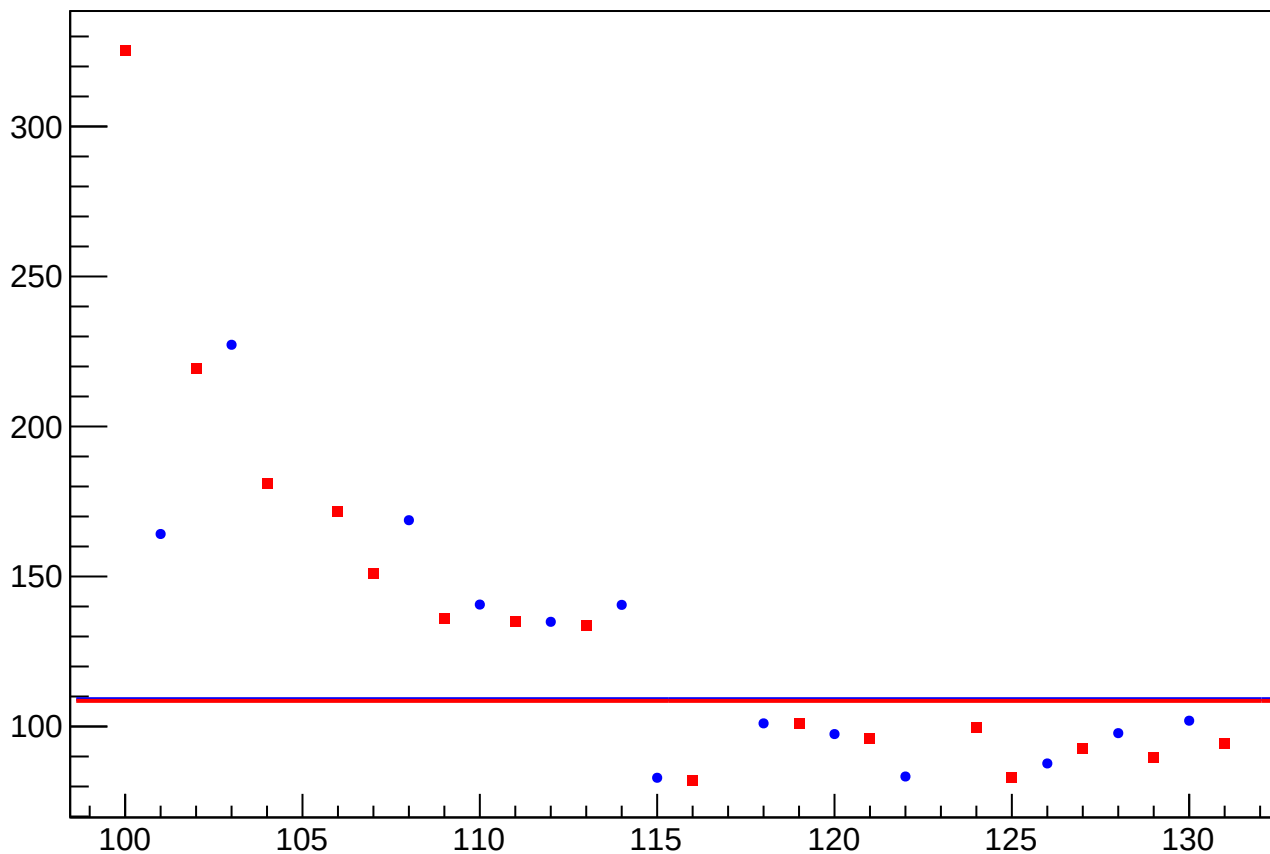
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.849+/-33.371 χ^2/NDF : 34.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_3726_avg_rms vs Slug



Right In: 109.104 $\pm$ 0.035 χ^2 /NDF: 833023.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 108.543 $\pm$ 0.032 χ^2 /NDF: 981339.7/15

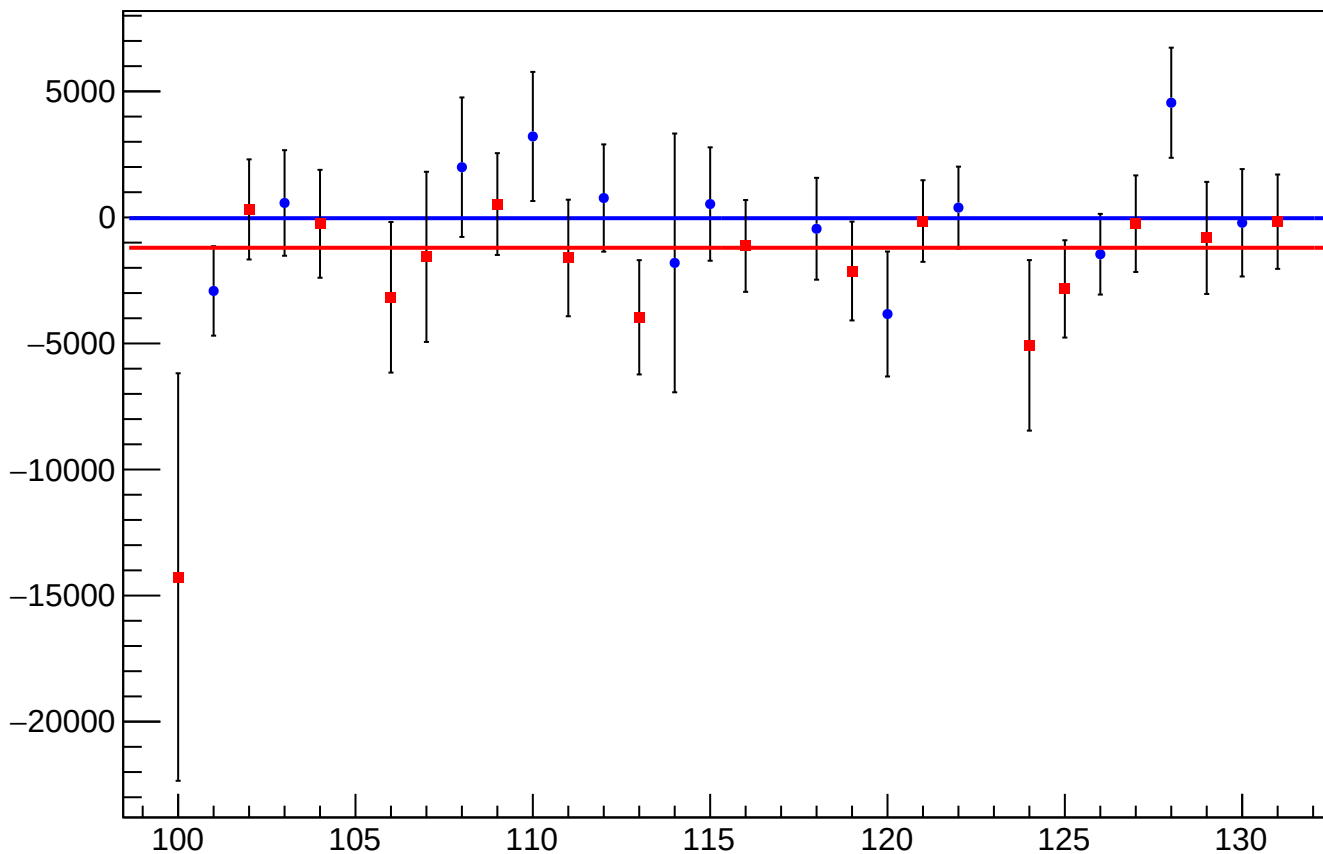
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 108.805 $\pm$ 0.024 χ^2 /NDF: 1814503.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_dit_correction_mean vs Slug



Right In: -31.066 ± 588.051 χ^2/NDF : 12.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1204.271 ± 544.417 χ^2/NDF : 9.4/15

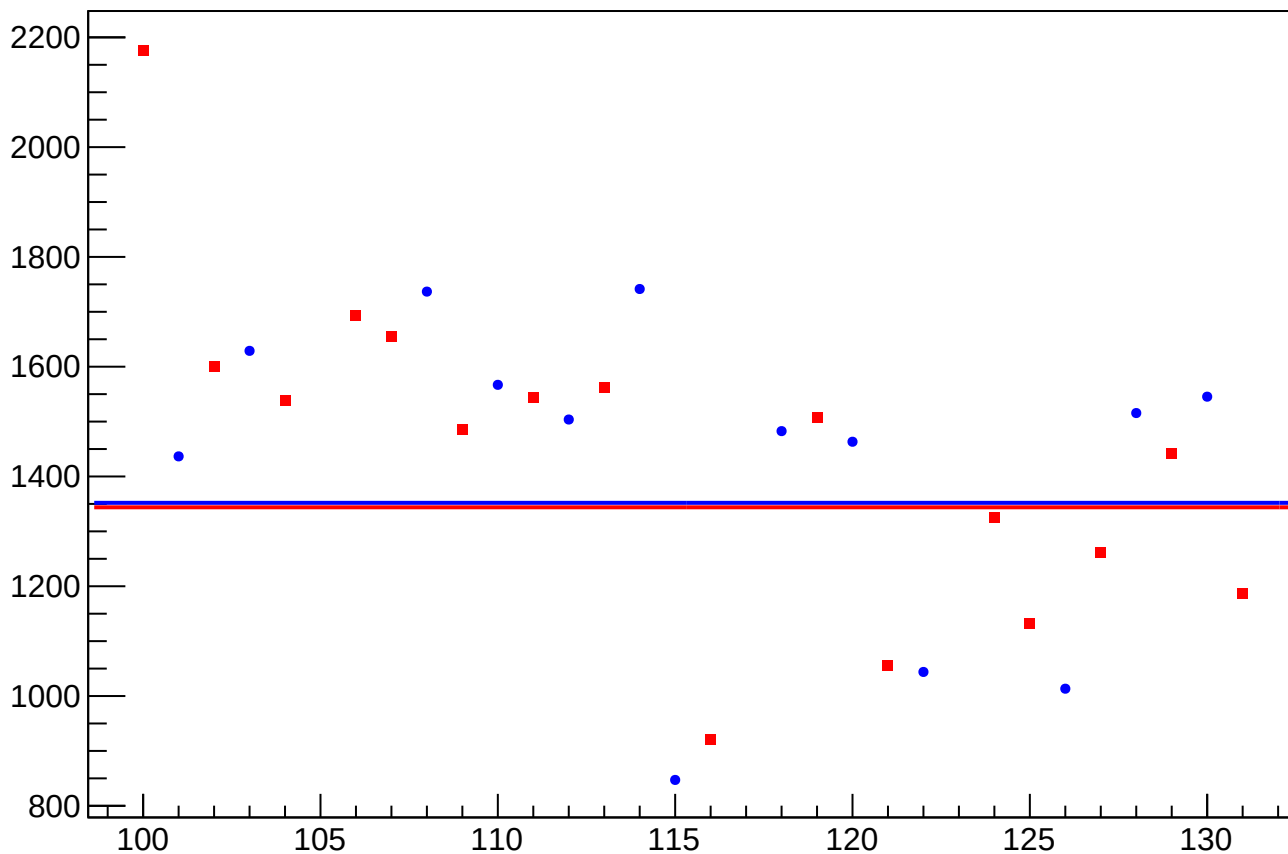
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -662.805 ± 399.497 χ^2/NDF : 24.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_dit_correction_rms vs Slug



Right In: 1351.985 $\pm$ 0.416 χ^2 /NDF: 416172.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1343.825 $\pm$ 0.385 χ^2 /NDF: 390135.9/15

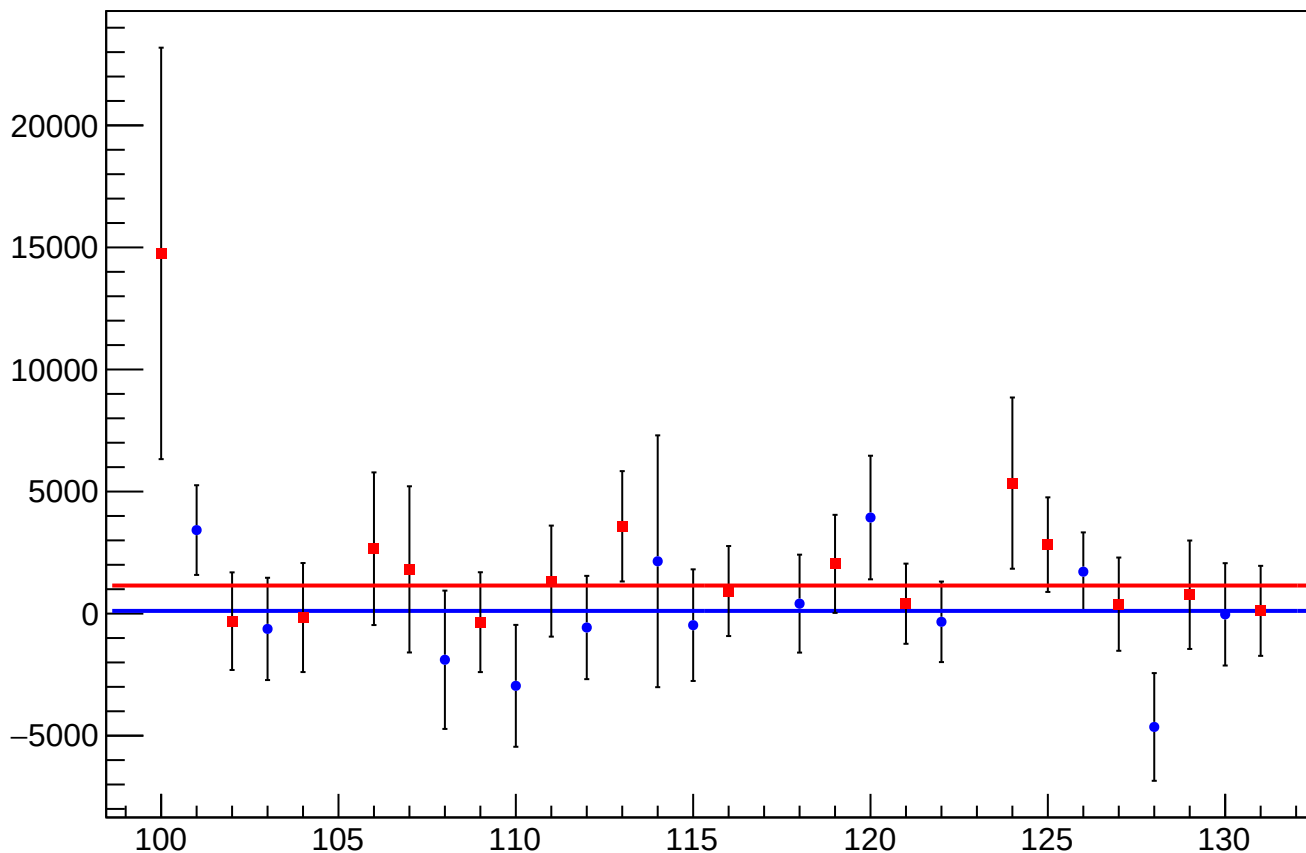
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1347.591 $\pm$ 0.282 χ^2 /NDF: 806515.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_mean vs Slug



Right In: 111.154 $\pm$ 592.096 χ^2 /NDF: 13.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1150.512 $\pm$ 549.356 χ^2 /NDF: 8.6/15

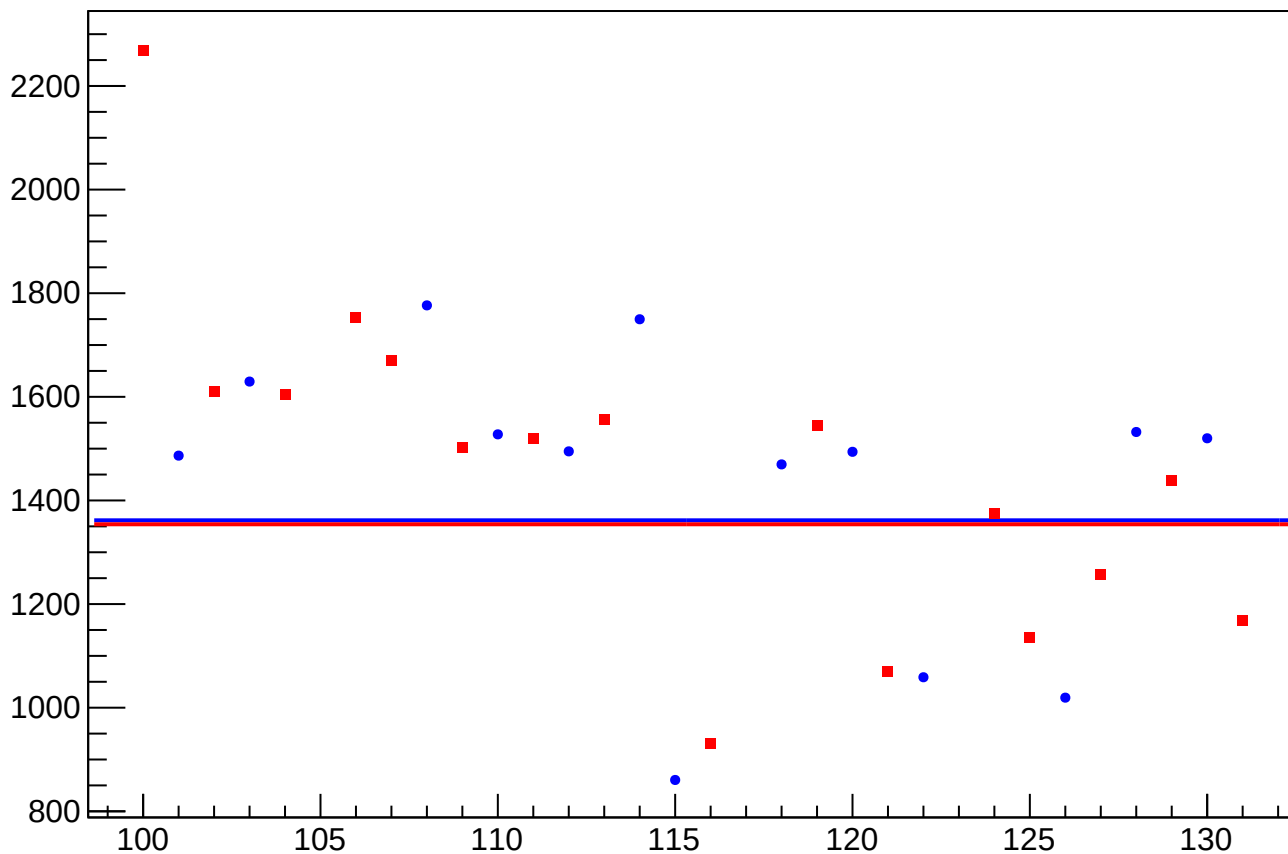
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 669.696 $\pm$ 402.716 χ^2 /NDF: 23.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_rms vs Slug



Right In: 1361.656+/-0.419 χ^2/NDF : 401414.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1354.009+/-0.388 χ^2/NDF : 405327.8/15

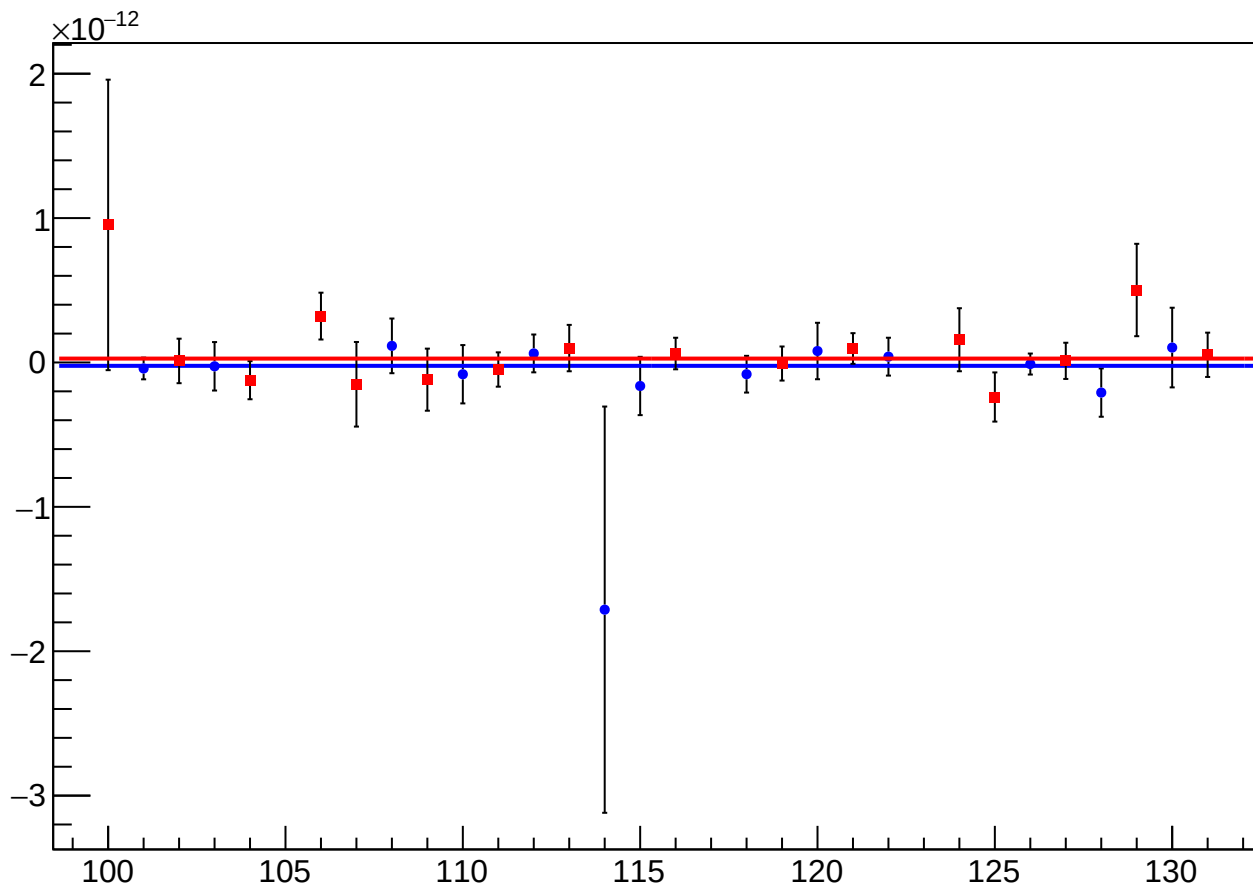
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1357.546+/-0.285 χ^2/NDF : 806922.0/28

- 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+/-0.000 χ^2 /NDF: 5.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 12.5/15

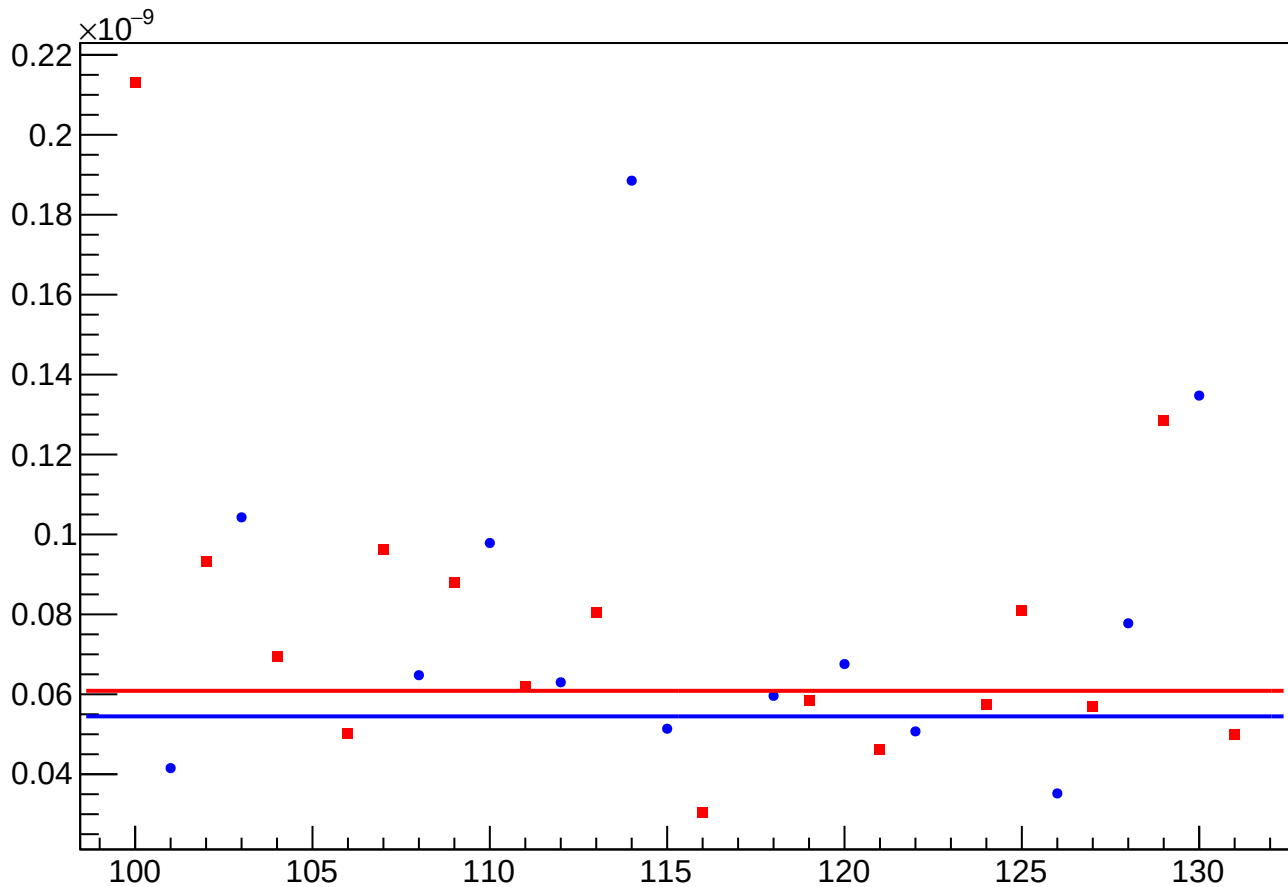
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 18.7/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 723040.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 565654.1/15

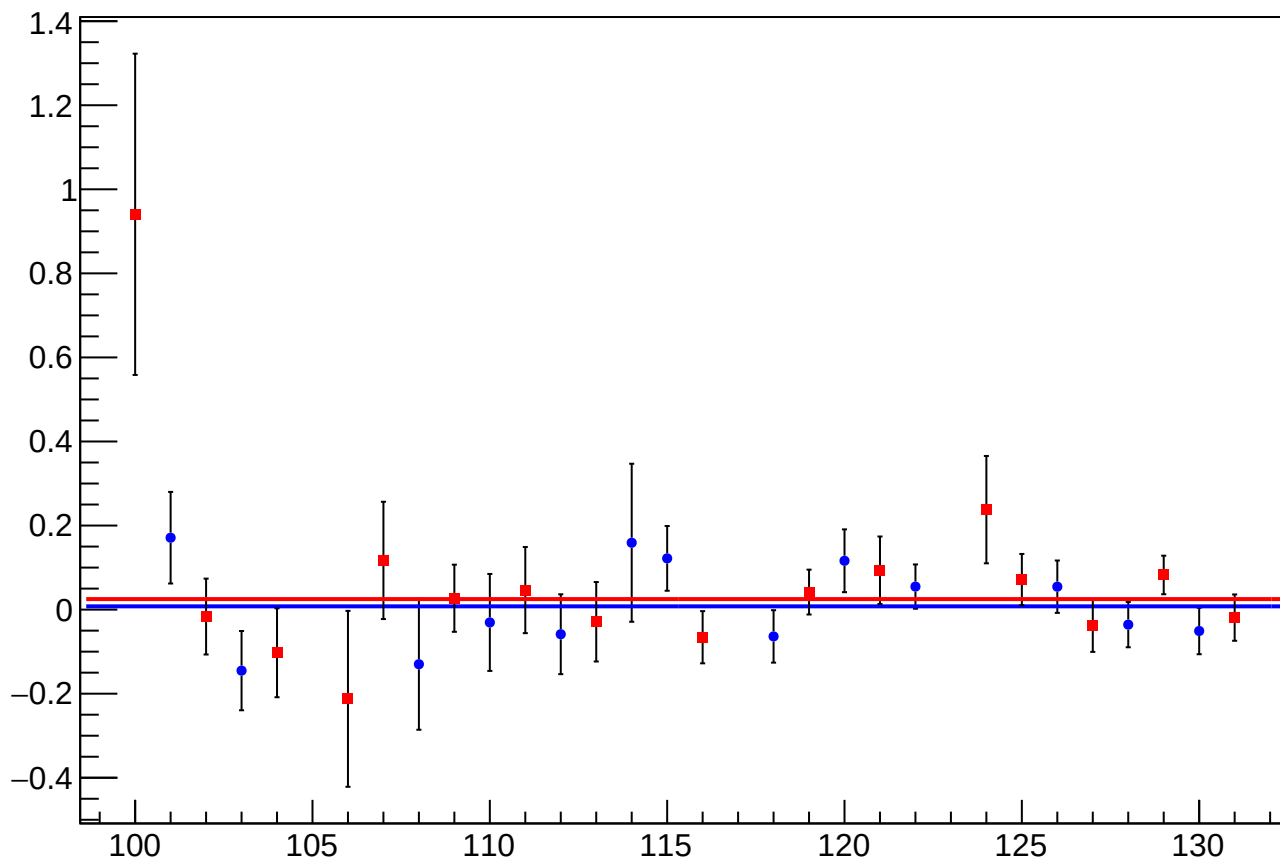
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1317861.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.008 $\pm$ 0.021 χ^2 /NDF: 15.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.025 $\pm$ 0.019 χ^2 /NDF: 19.1/15

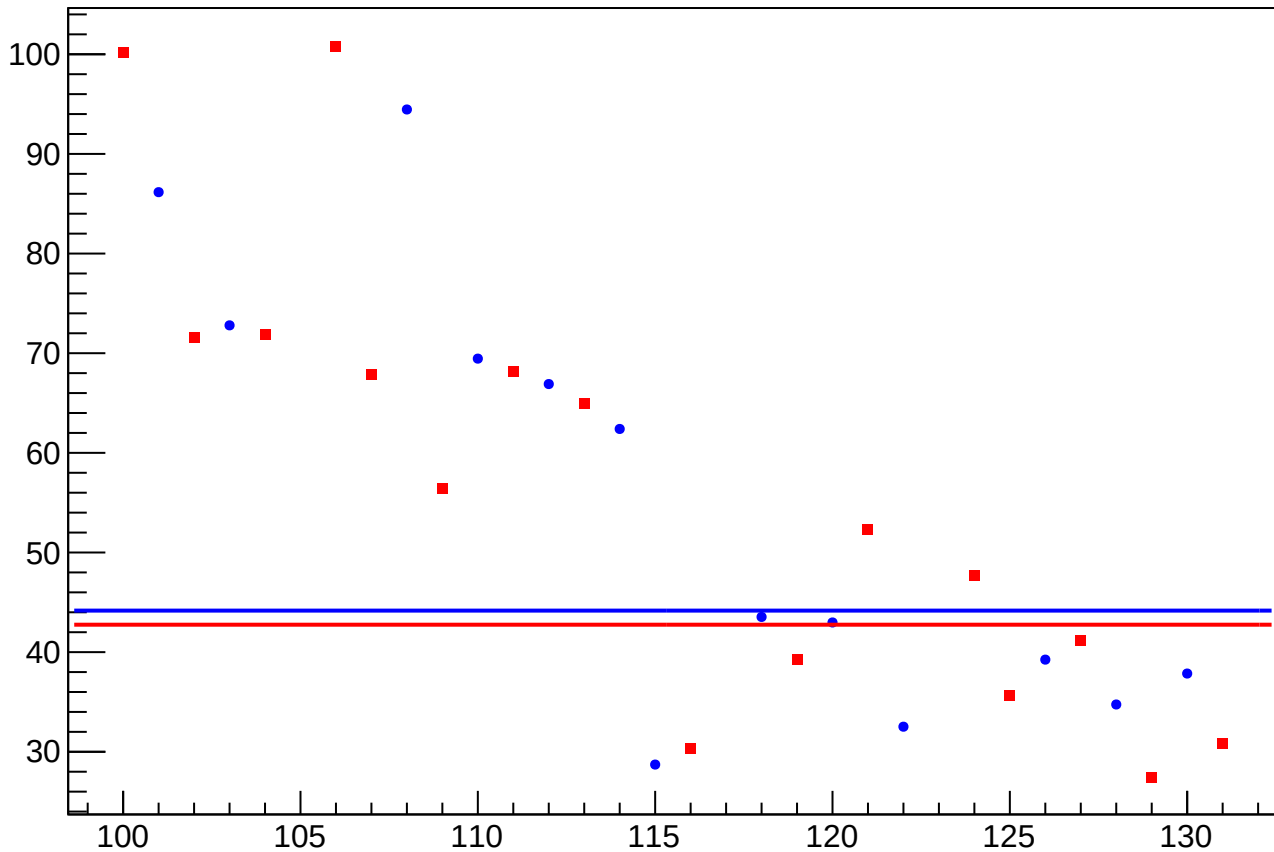
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.014 χ^2 /NDF: 35.1/28

- 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: 44.168+/-0.015 χ^2/NDF : 1197808.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.754+/-0.013 χ^2/NDF : 1377038.4/15

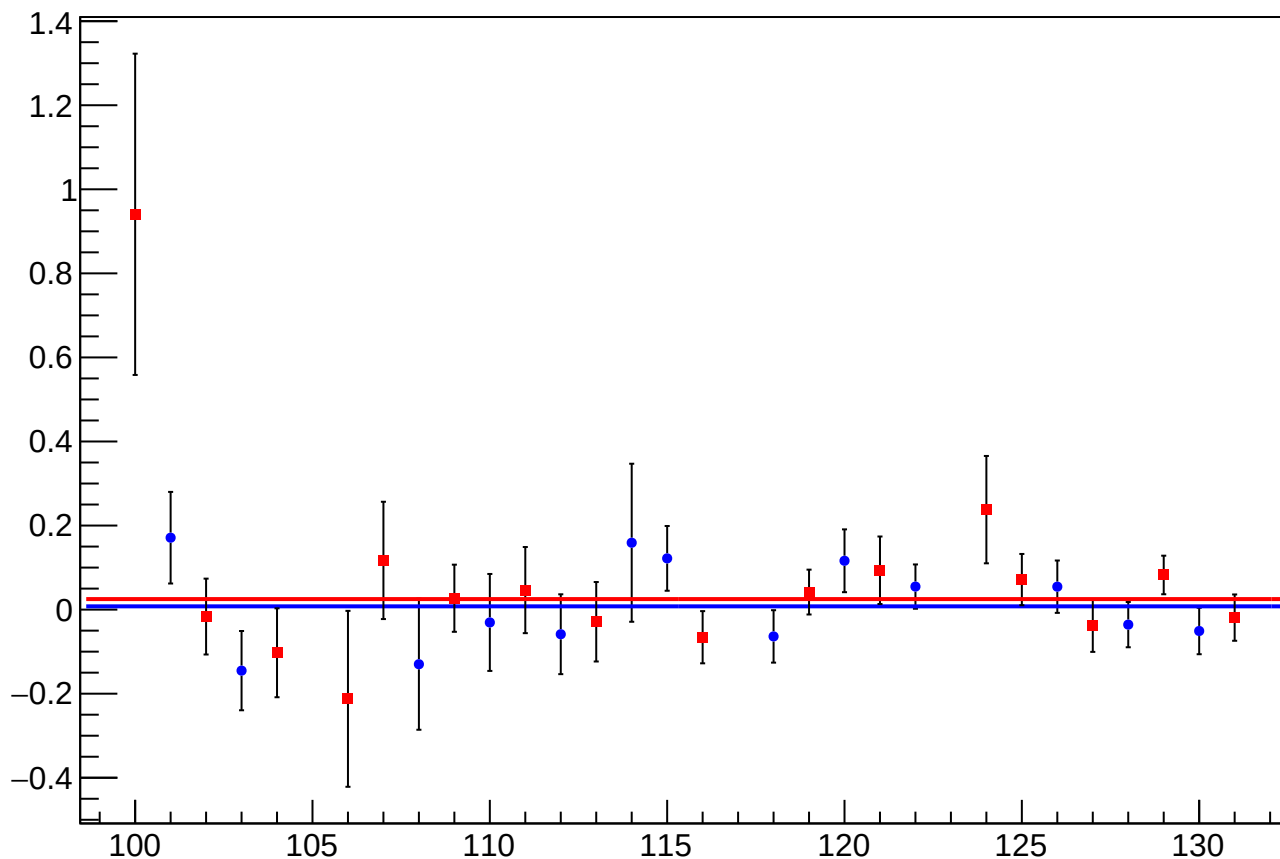
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.397+/-0.010 χ^2/NDF : 2579972.3/28

- 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 $\pm$ 0.021 χ^2 /NDF: 15.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.025 $\pm$ 0.019 χ^2 /NDF: 19.1/15

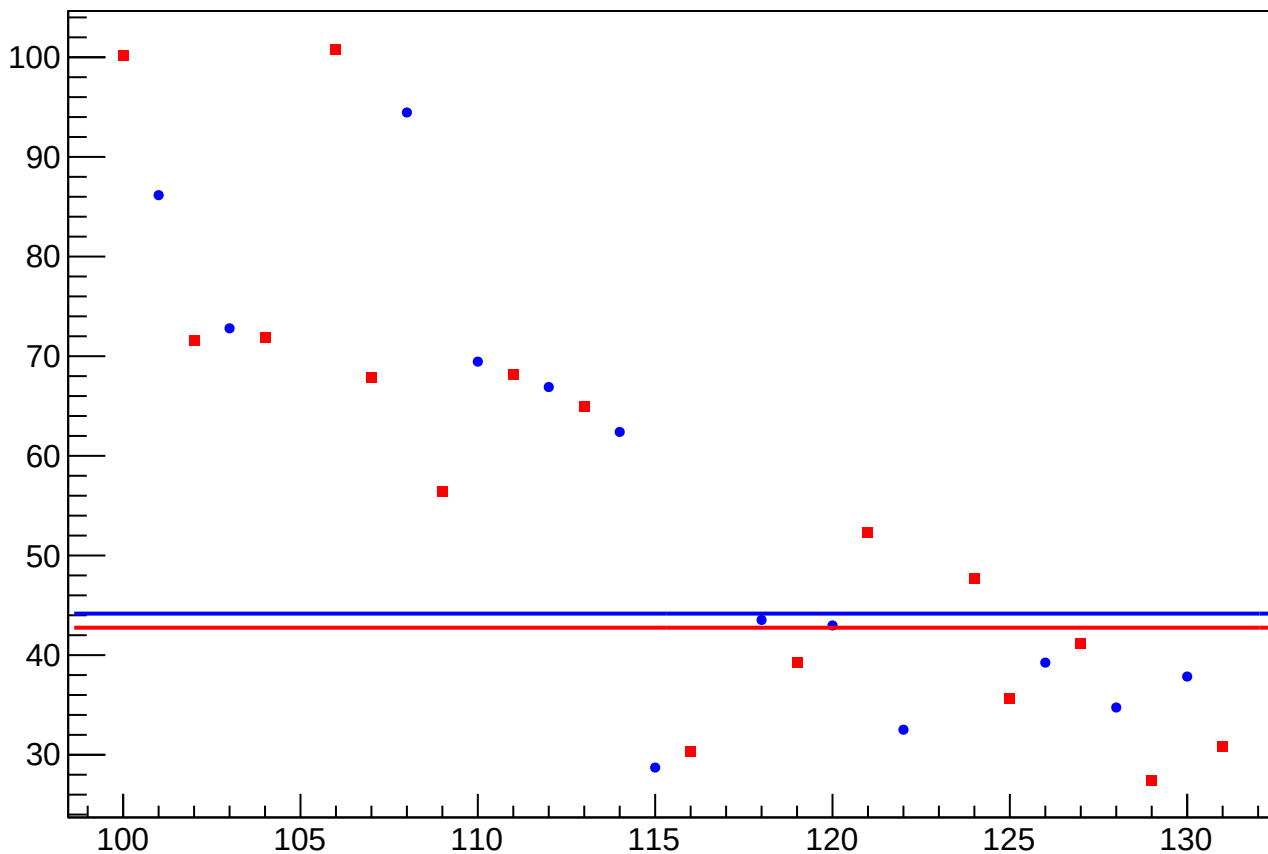
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.014 χ^2 /NDF: 35.1/28

- 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: 44.168+/-0.015 χ^2/NDF : 1197808.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.754+/-0.013 χ^2/NDF : 1377038.4/15

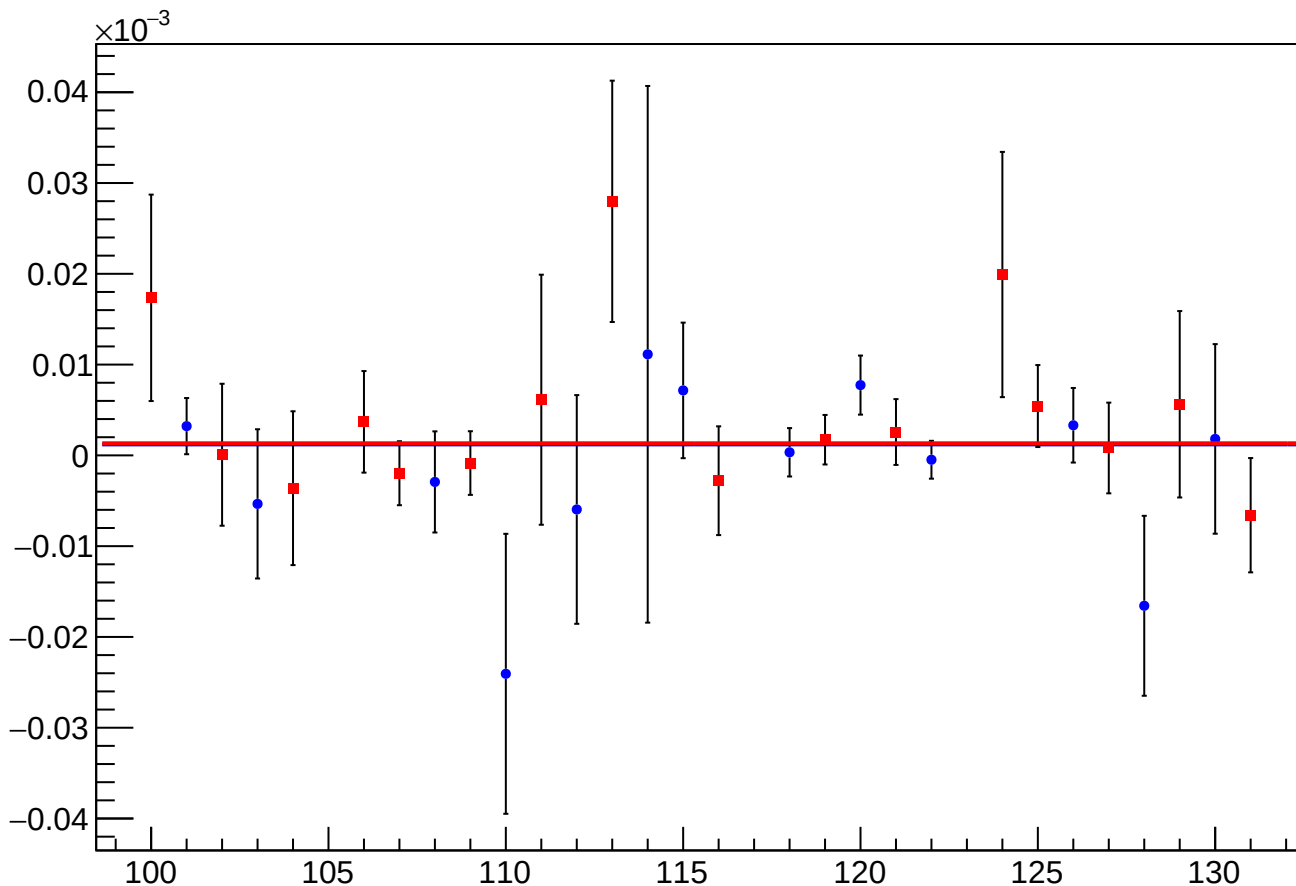
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.397+/-0.010 χ^2/NDF : 2579972.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.0/15

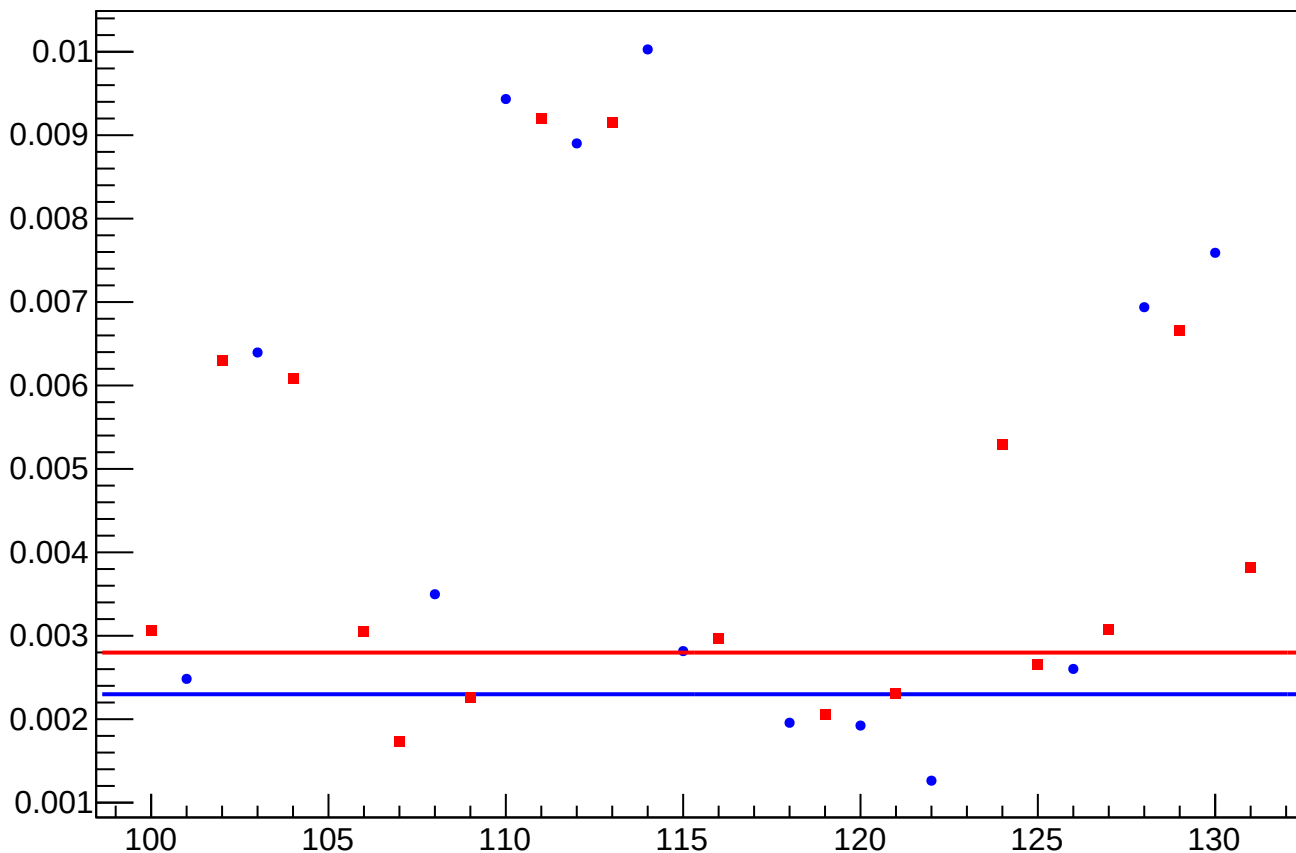
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 26.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 3236428.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2424056.8/15

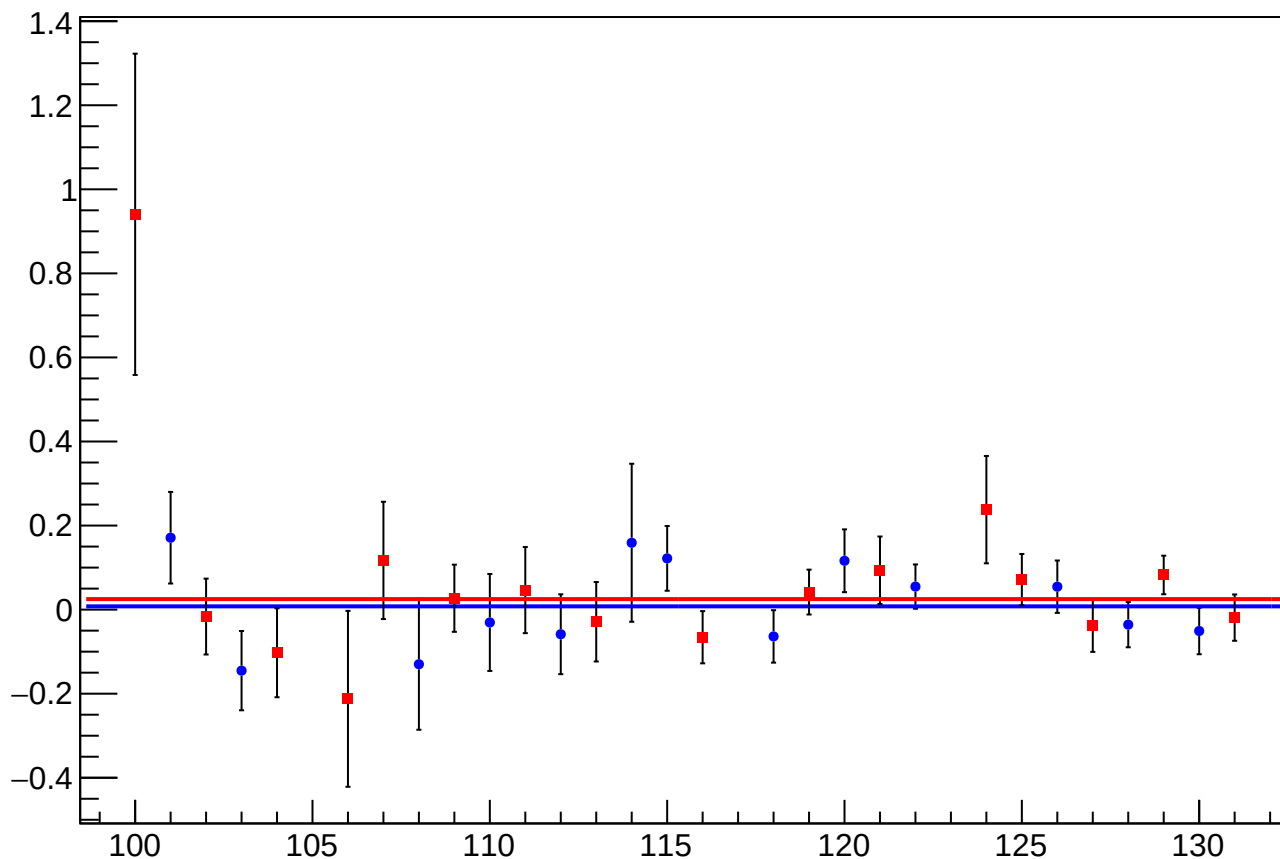
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 5825818.2/28

- 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 $\pm$ 0.021 χ^2 /NDF: 15.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.025 $\pm$ 0.019 χ^2 /NDF: 19.1/15

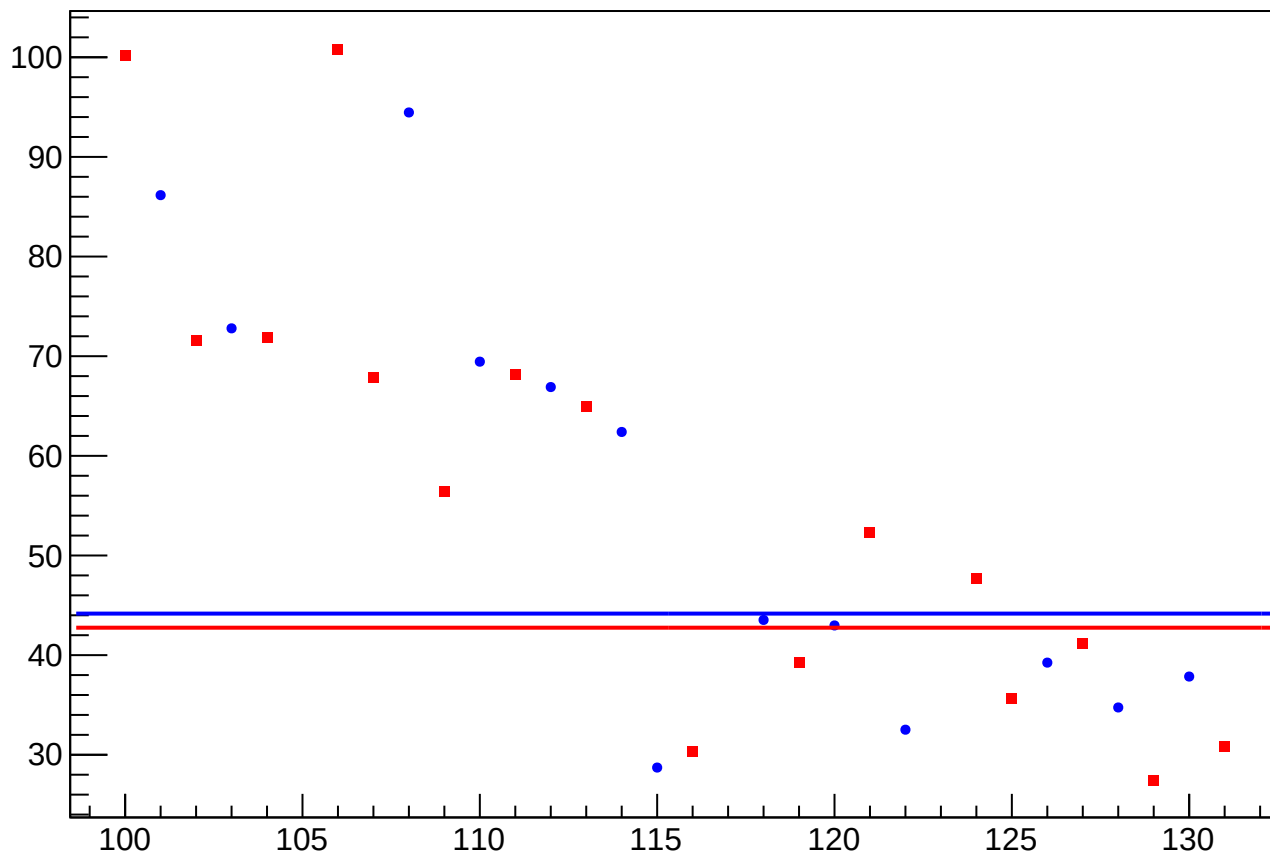
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.014 χ^2 /NDF: 35.1/28

- 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: 44.169 ± 0.015 $\chi^2/\text{NDF}: 1197766.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 42.754 ± 0.013 $\chi^2/\text{NDF}: 1376968.4/15$

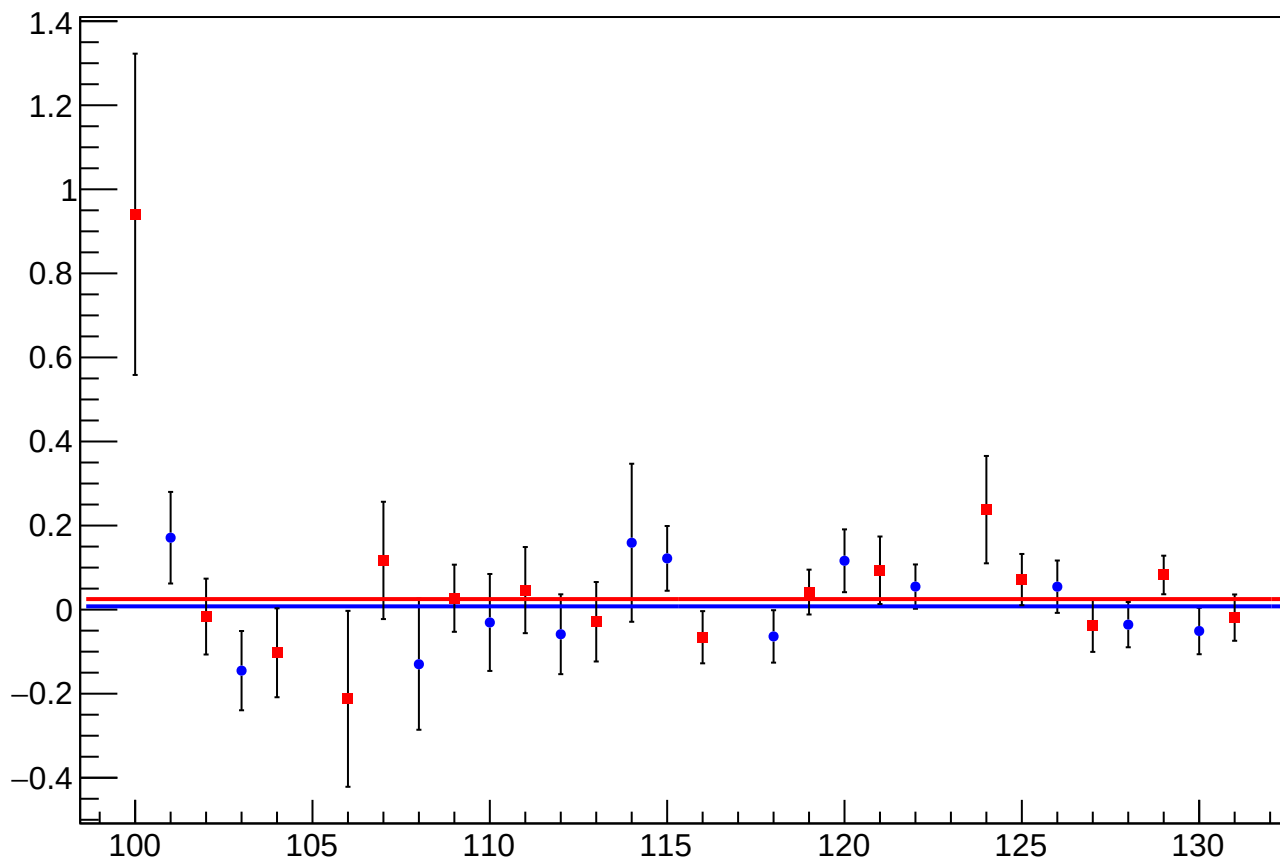
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 43.397 ± 0.010 $\chi^2/\text{NDF}: 2579857.1/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.008 $\pm$ 0.021 χ^2 /NDF: 15.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.025 $\pm$ 0.019 χ^2 /NDF: 19.1/15

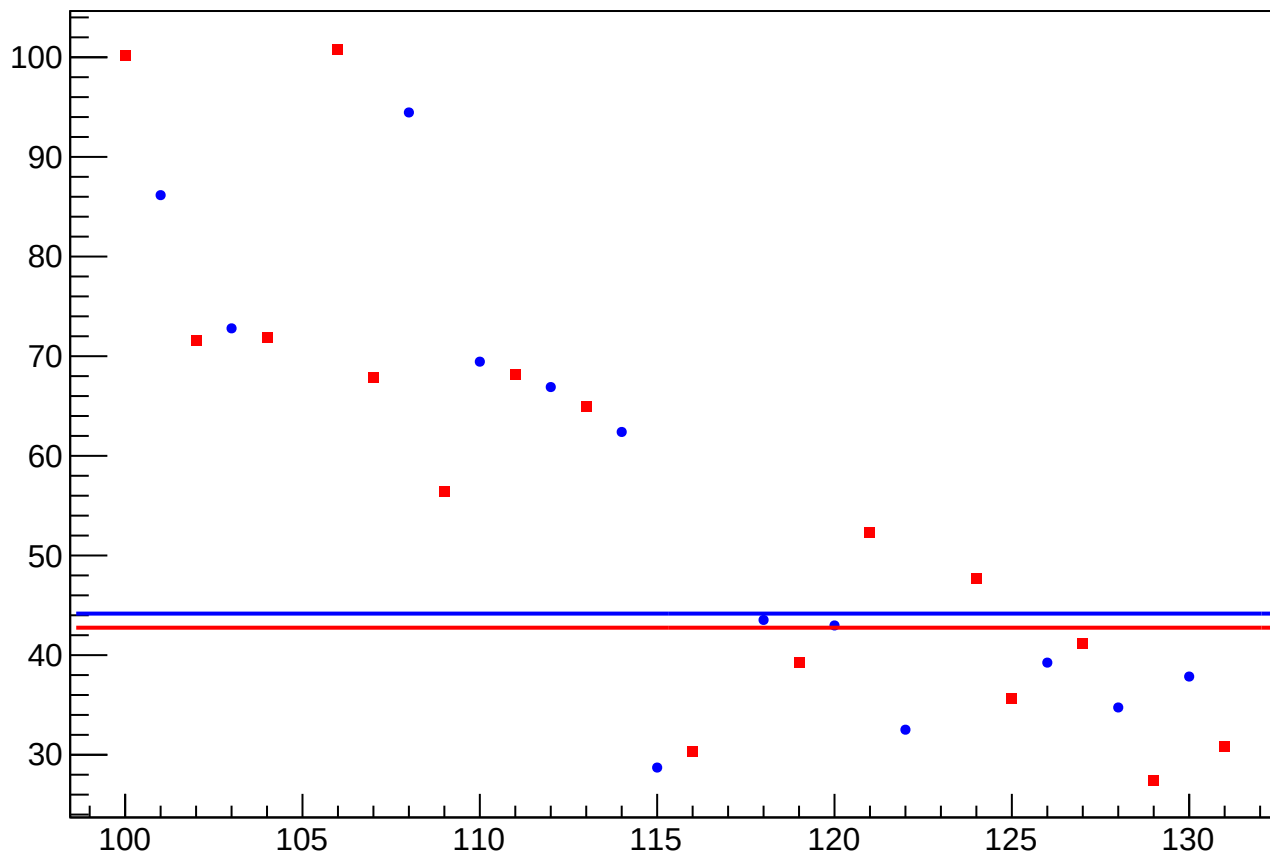
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.014 χ^2 /NDF: 35.1/28

- 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: 44.169 ± 0.015 $\chi^2/\text{NDF}: 1197766.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 42.754 ± 0.013 $\chi^2/\text{NDF}: 1376968.4/15$

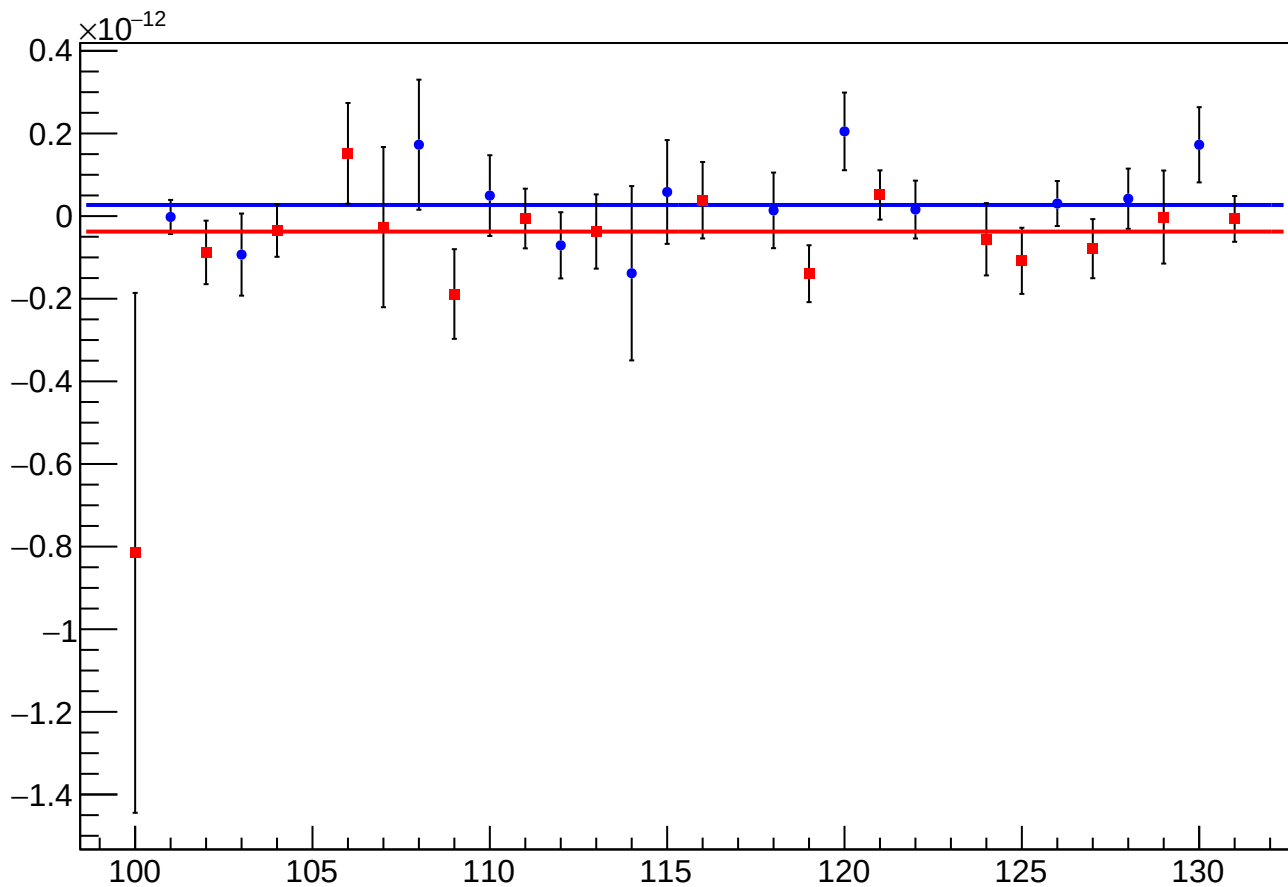
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 43.397 ± 0.010 $\chi^2/\text{NDF}: 2579857.1/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_3726_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 11.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.2/15

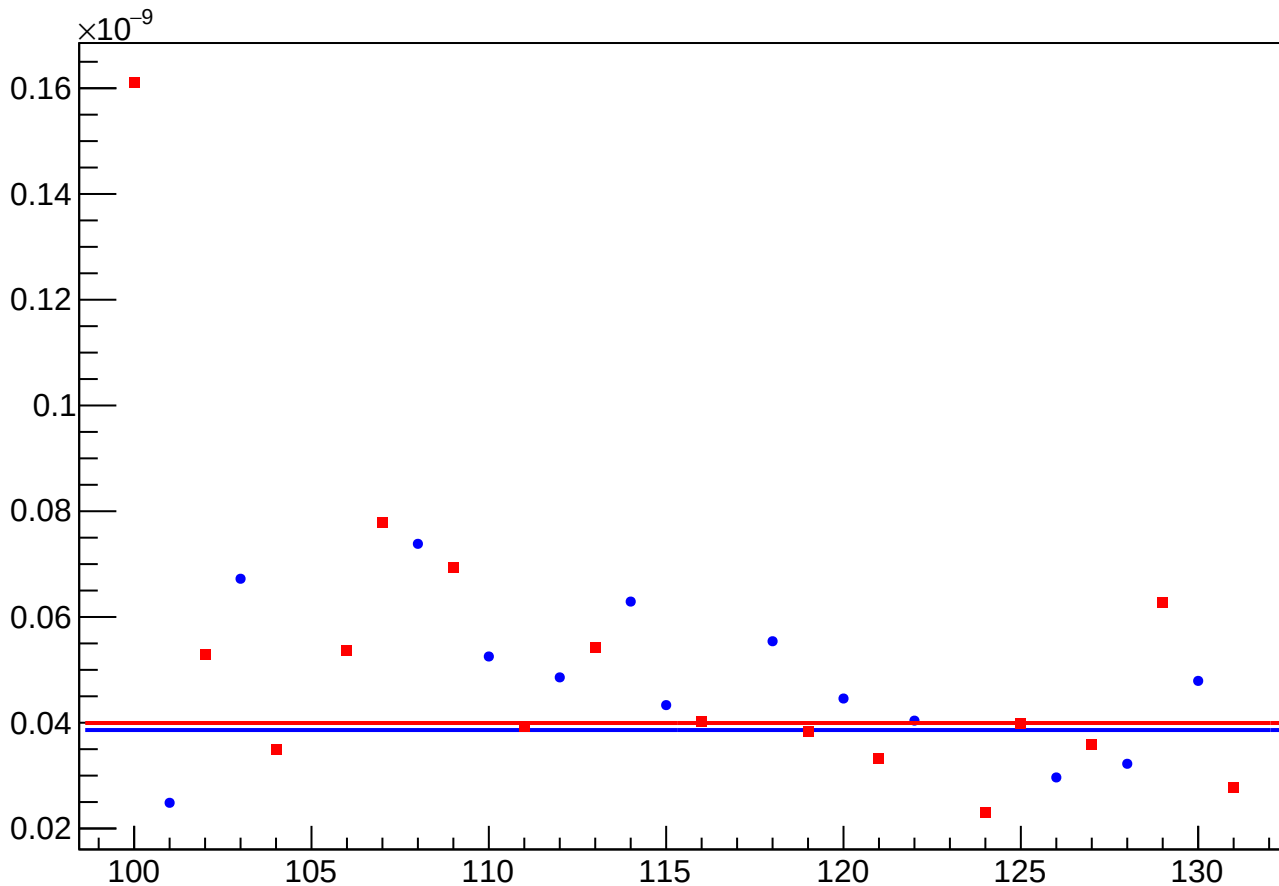
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.2/28

- 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 : 757017.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 729516.7/15

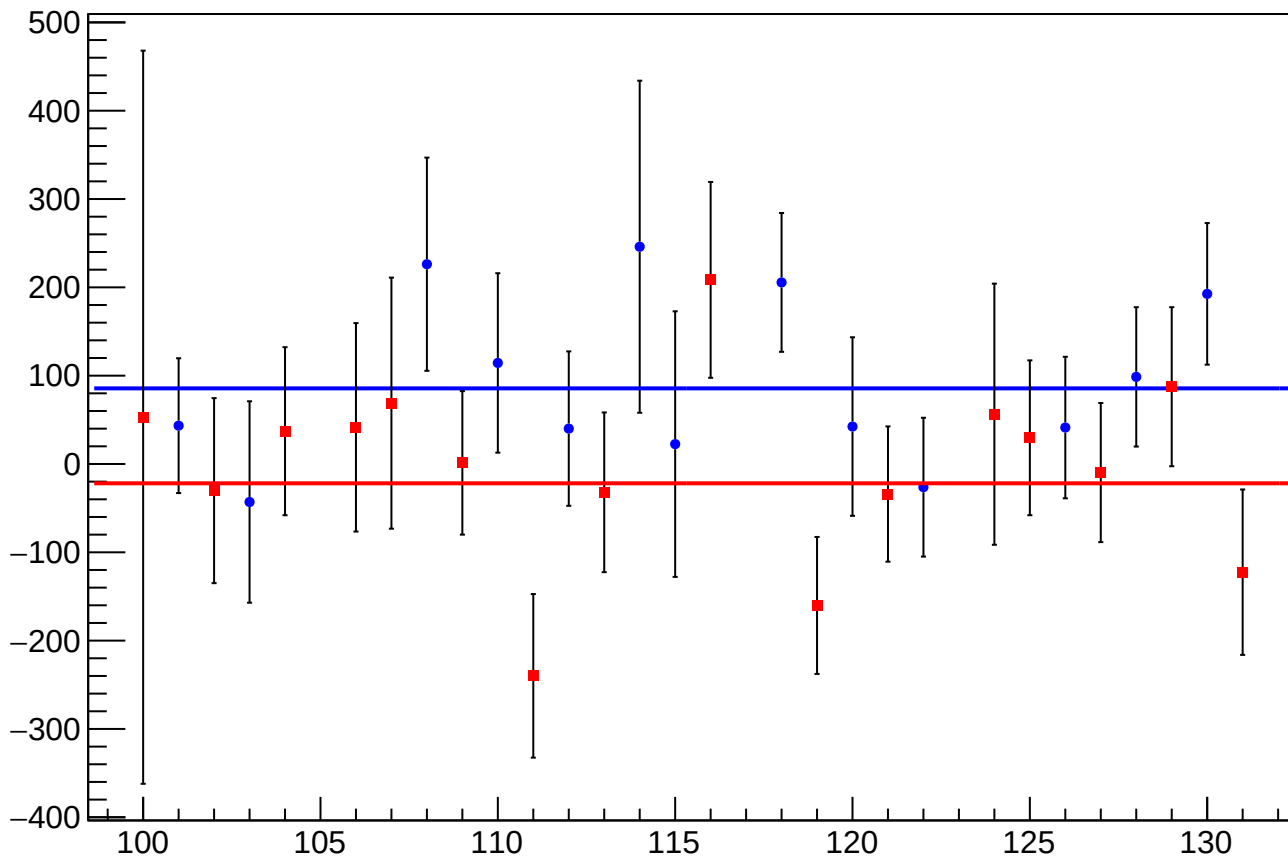
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1490567.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_mean vs Slug



Right In: 85.610 $\pm$ 25.725 χ^2 /NDF: 10.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -21.869 $\pm$ 24.170 χ^2 /NDF: 17.6/15

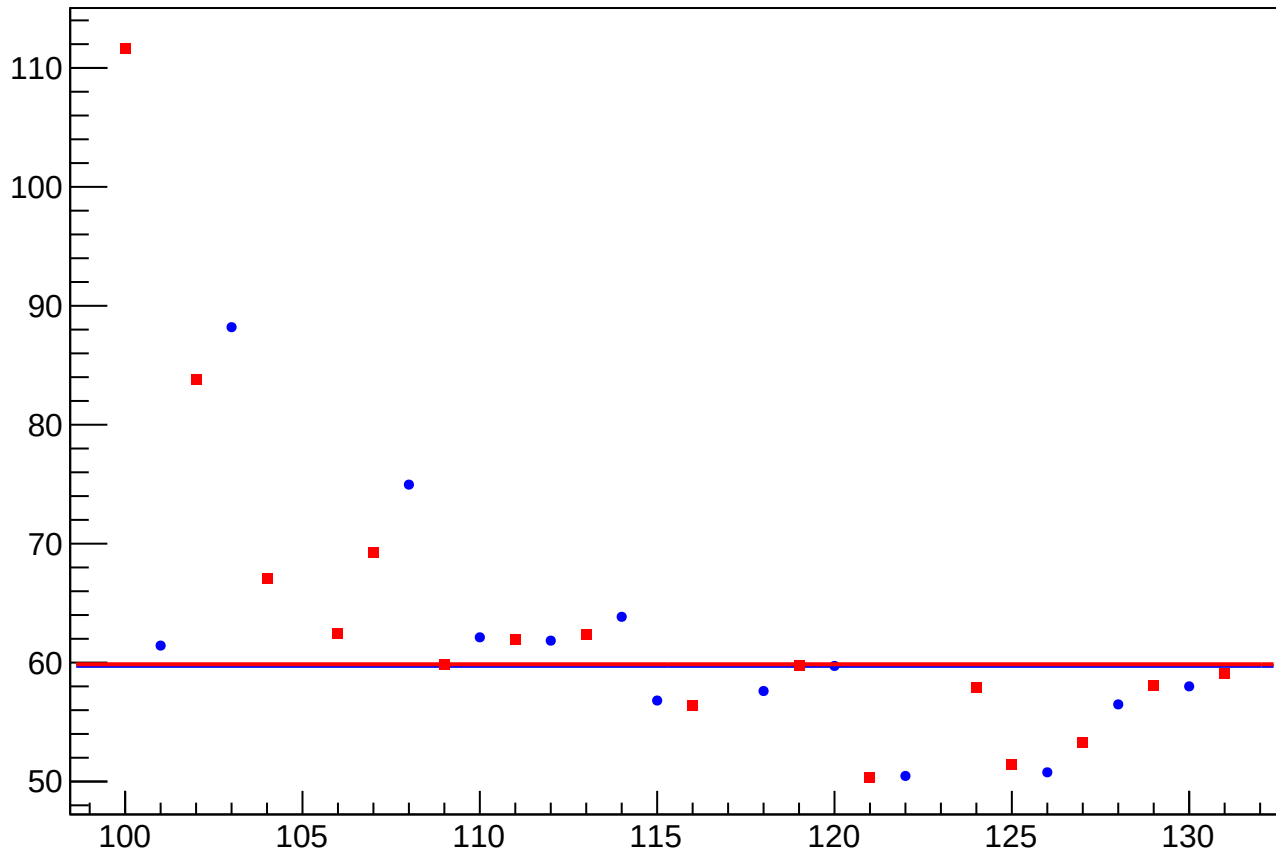
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.526 $\pm$ 17.615 χ^2 /NDF: 37.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_48_dd_rms vs Slug



Right In: 59.727+/-0.018 χ^2/NDF : 220050.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.861+/-0.017 χ^2/NDF : 225797.8/15

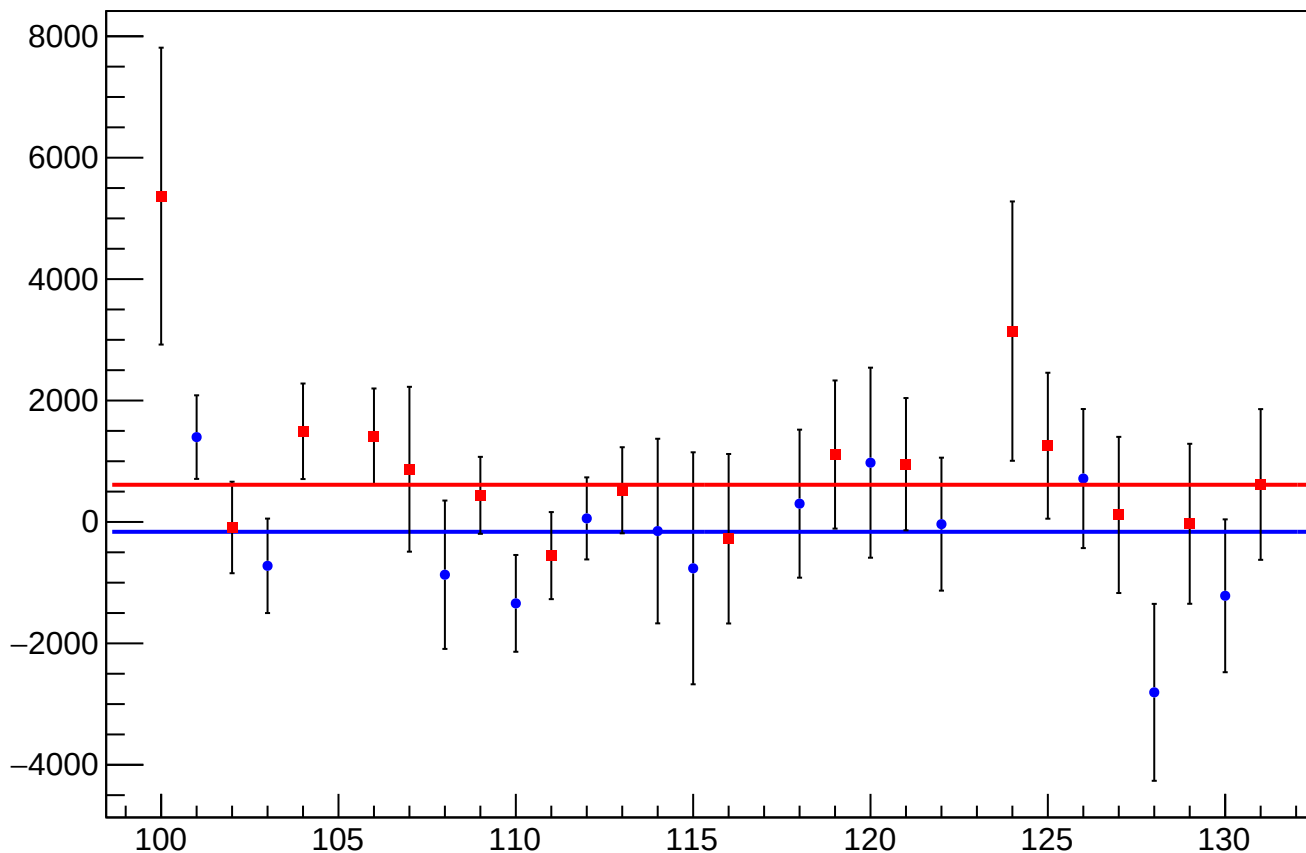
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.798+/-0.012 χ^2/NDF : 445877.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_reg_correction_mean vs Slug



Right In: -162.124+/-280.835 χ^2 /NDF: 13.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 612.647+/-243.434 χ^2 /NDF: 12.4/15

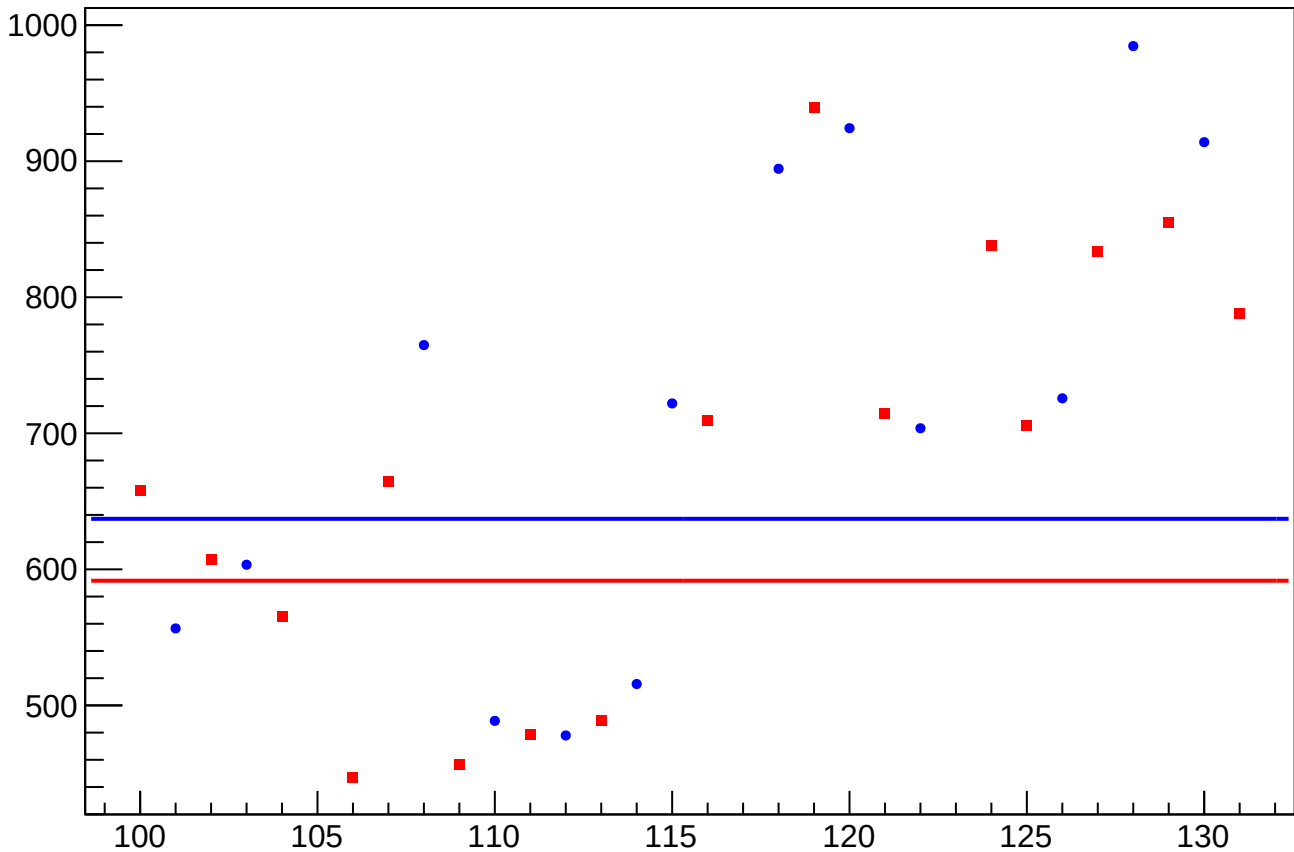
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 280.254+/-183.946 χ^2 /NDF: 30.4/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_reg_correction_rms vs Slug



Right In: 637.139+/-0.199 χ^2/NDF : 636317.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 591.631+/-0.172 χ^2/NDF : 707008.4/15

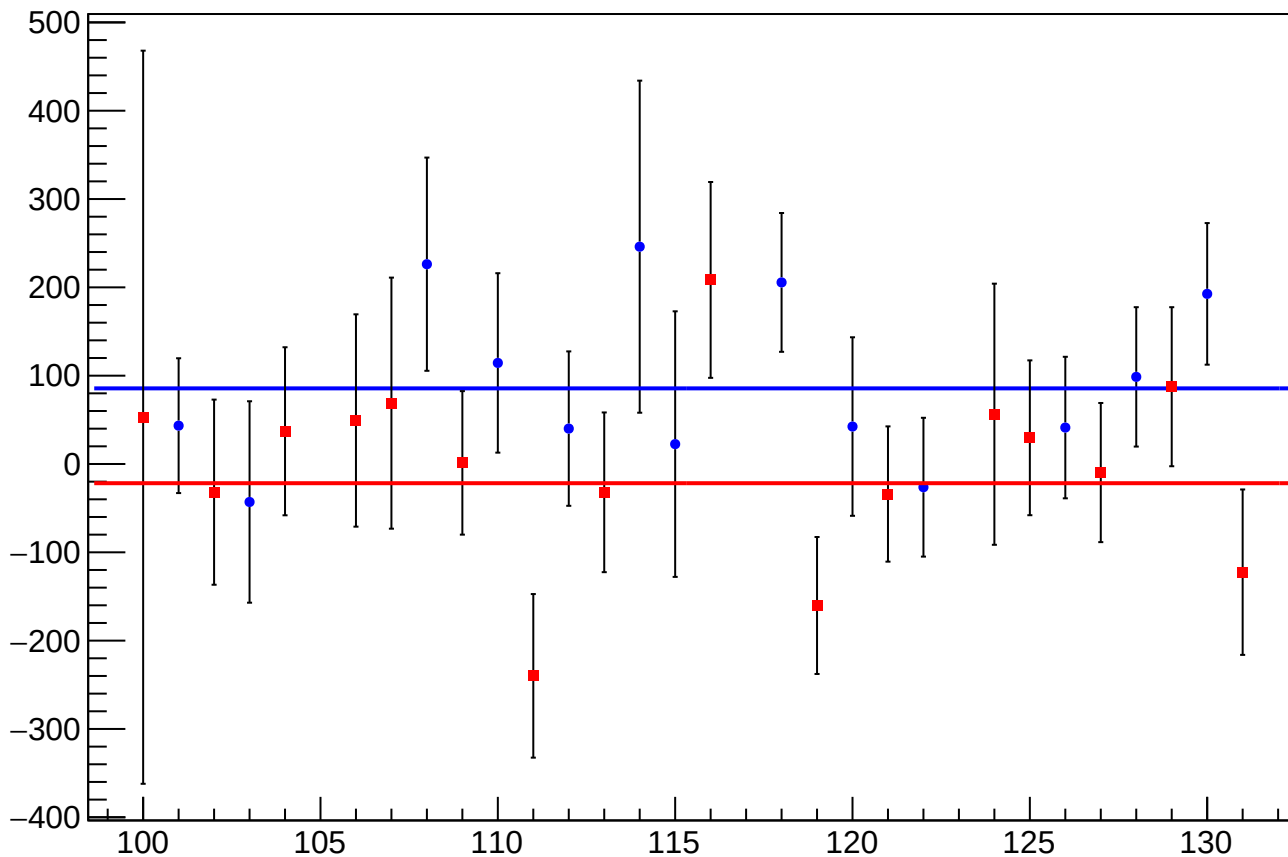
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 611.155+/-0.130 χ^2/NDF : 1373312.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_48_dd_mean vs Slug



Right In: 85.618 $\pm$ 25.725 χ^2 /NDF: 10.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -21.751 $\pm$ 24.189 χ^2 /NDF: 17.6/15

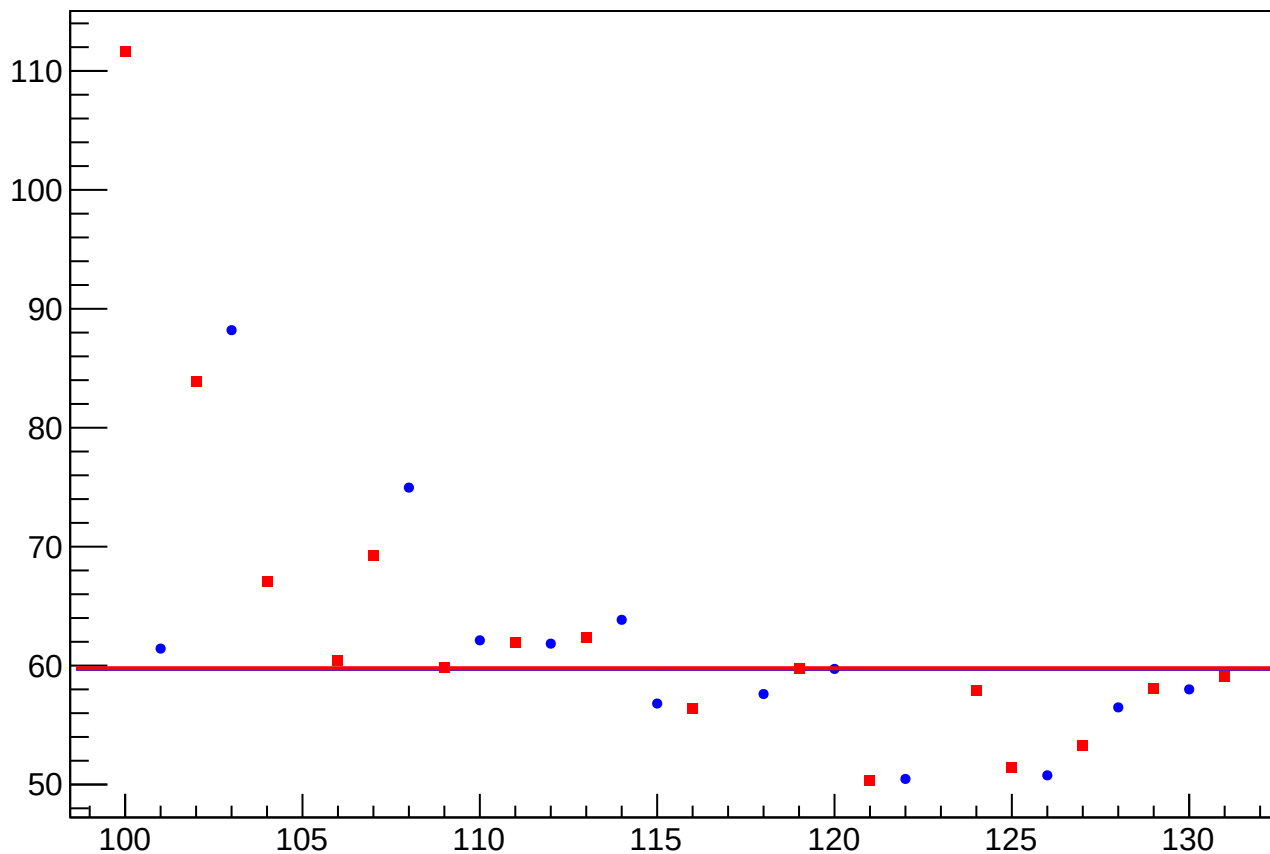
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.635 $\pm$ 17.622 χ^2 /NDF: 37.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_15_48_dd_rms vs Slug



Right In: 59.727+/-0.018 χ^2/NDF : 220053.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.775+/-0.017 χ^2/NDF : 225072.2/15

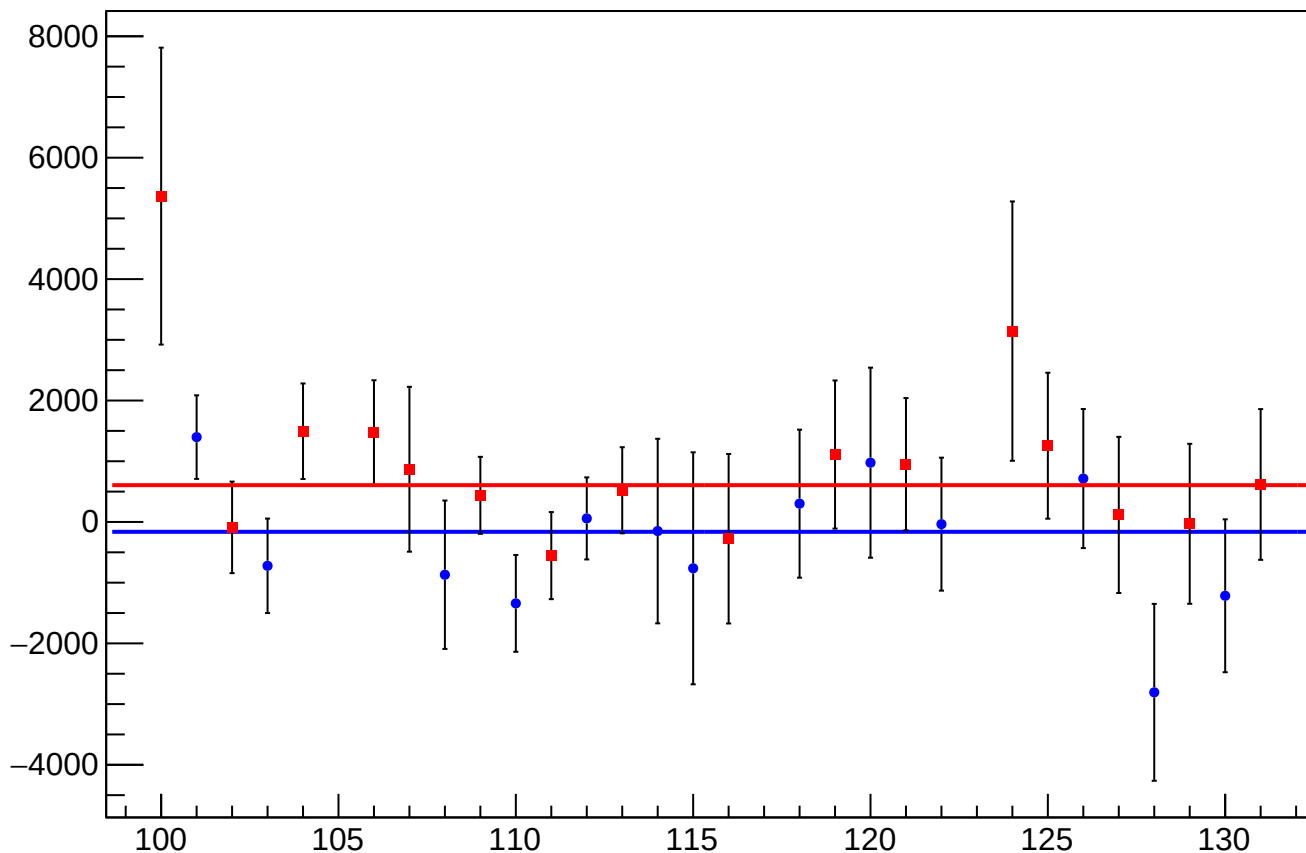
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.752+/-0.012 χ^2/NDF : 445129.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_cor_correction_mean vs Slug



Right In: -162.076+/-280.838 χ^2 /NDF: 13.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 606.040+/-245.294 χ^2 /NDF: 12.4/15

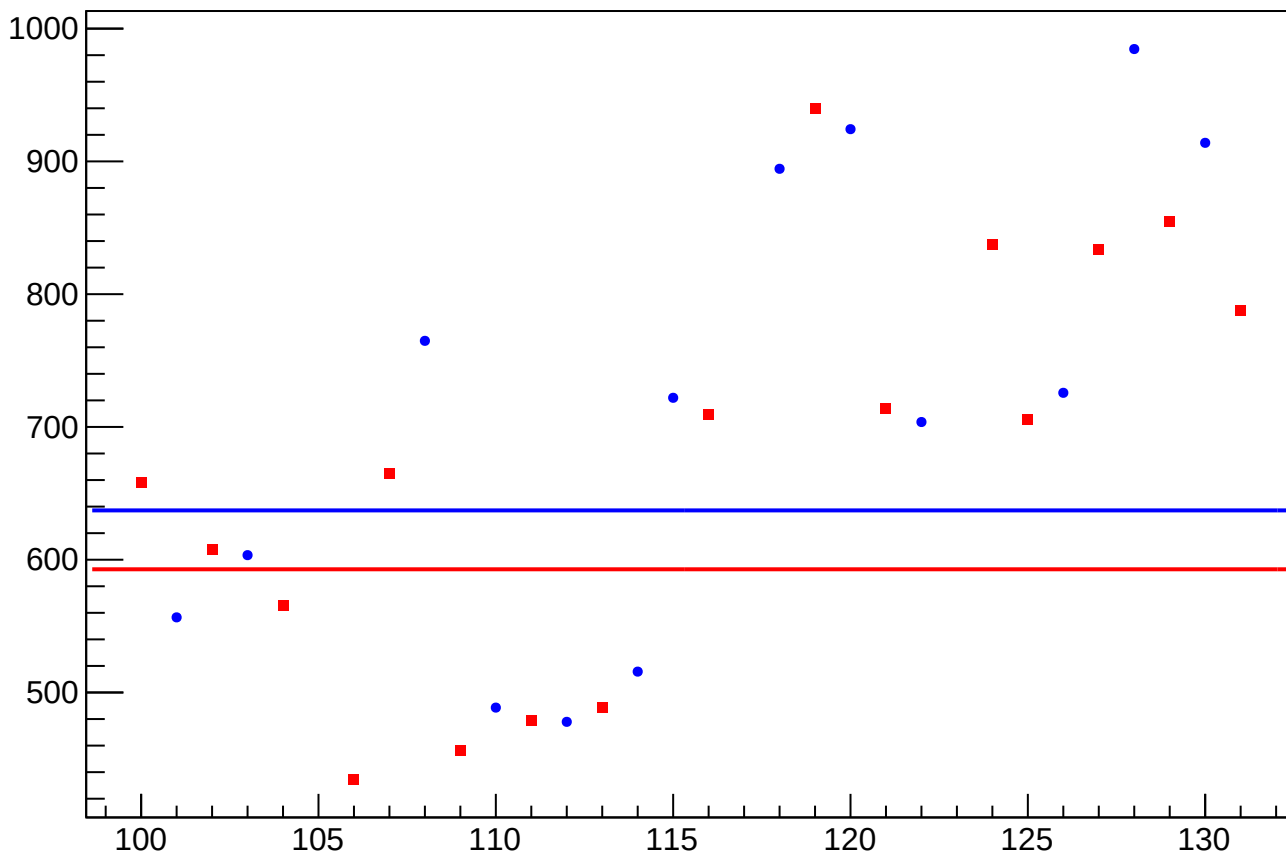
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 273.637+/-184.746 χ^2 /NDF: 30.3/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_cor_correction_rms vs Slug



Right In: 637.146+/-0.199 χ^2/NDF : 636307.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 592.790+/-0.173 χ^2/NDF : 707171.5/15

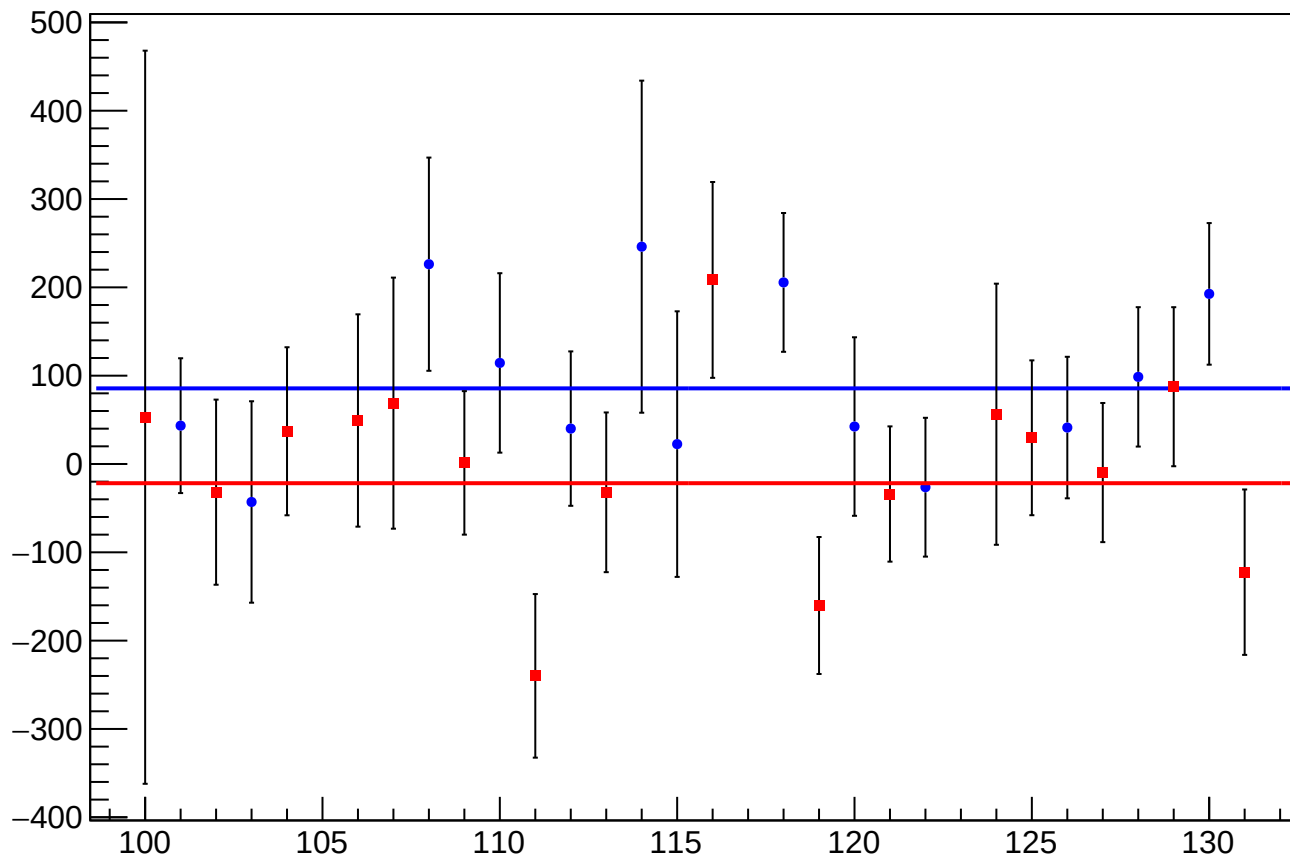
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 611.985+/-0.131 χ^2/NDF : 1371779.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_48_dd_mean vs Slug



Right In: 85.618 $\pm$ 25.725 χ^2 /NDF: 10.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -21.751 $\pm$ 24.189 χ^2 /NDF: 17.6/15

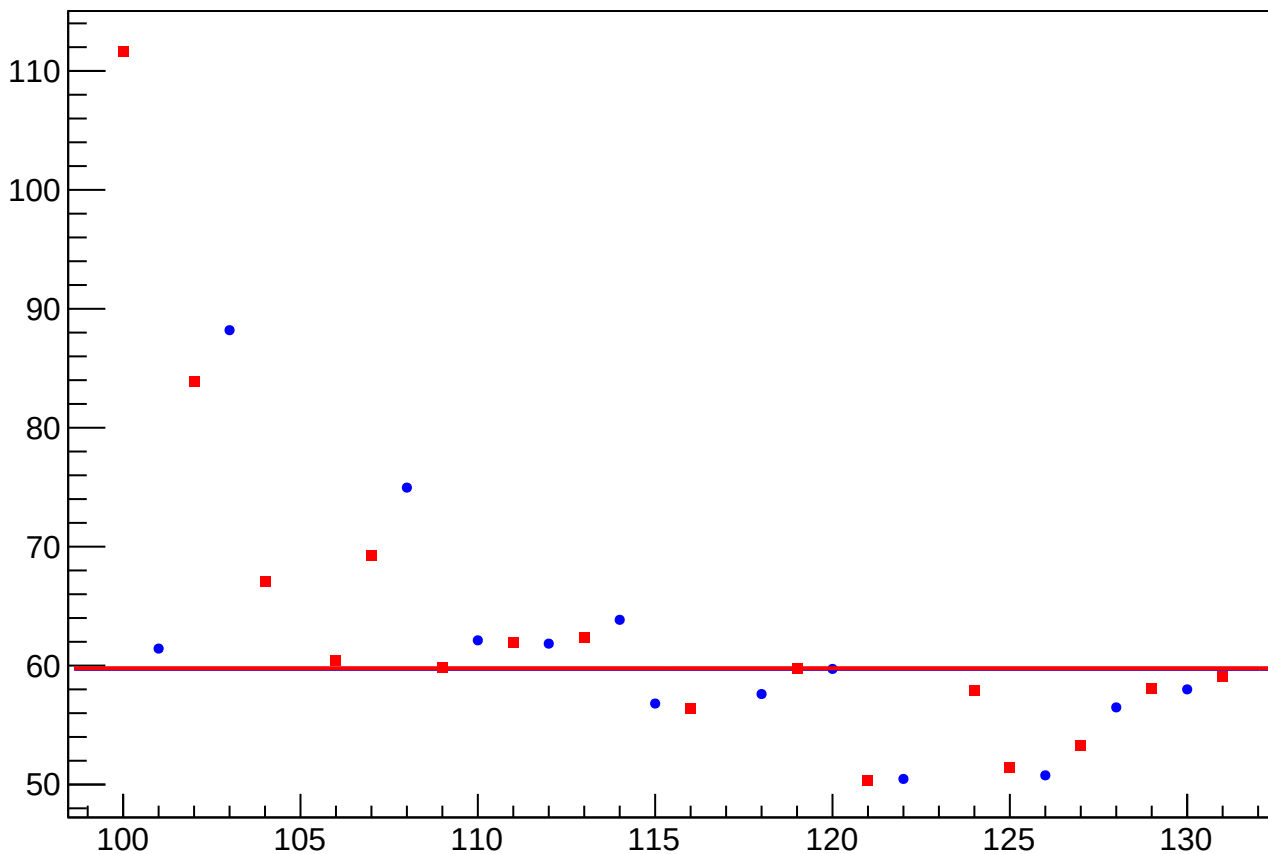
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.635 $\pm$ 17.622 χ^2 /NDF: 37.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_15_48_dd_rms vs Slug



Right In: 59.727 $\pm$ 0.018 χ^2 /NDF: 220053.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 59.775 $\pm$ 0.017 χ^2 /NDF: 225072.2/15

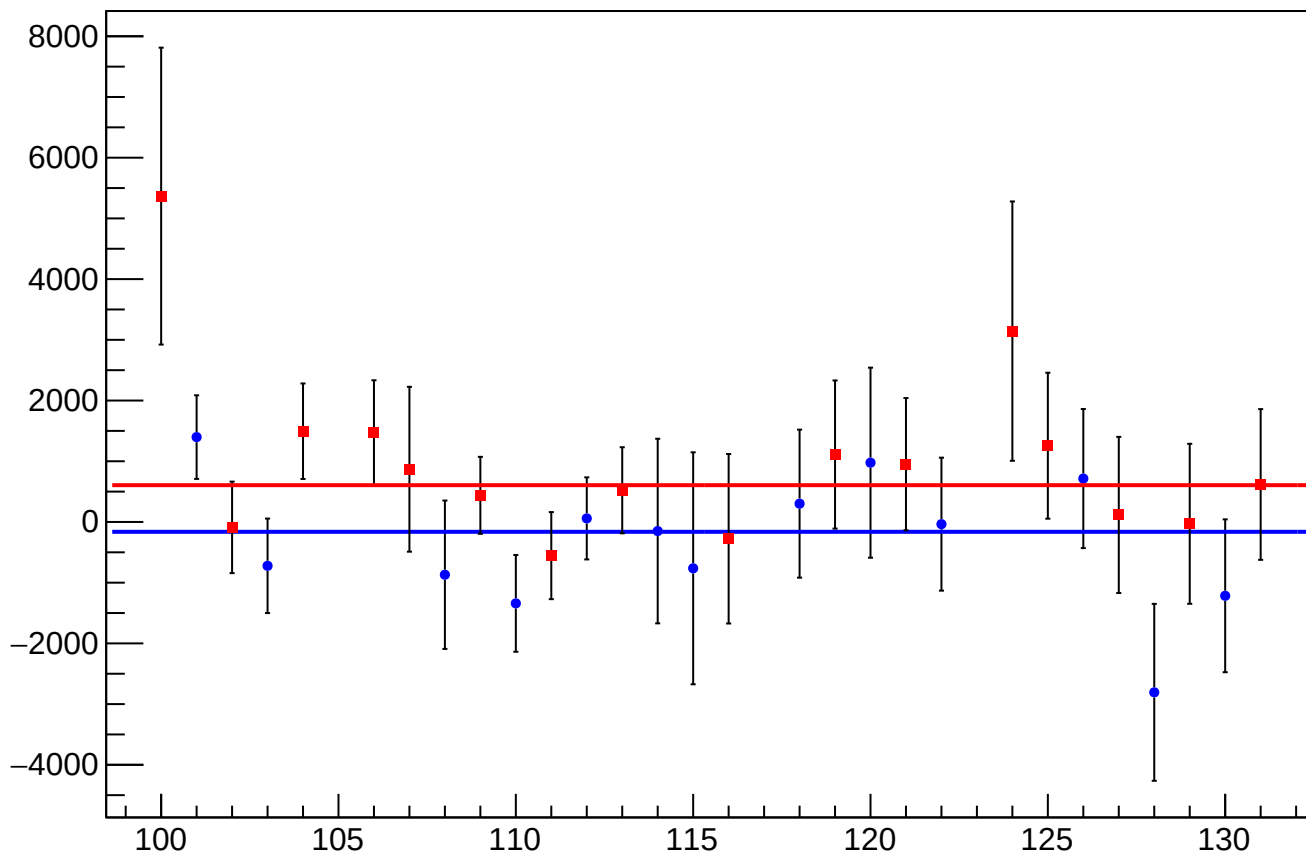
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 59.752 $\pm$ 0.012 χ^2 /NDF: 445129.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_cor_correction_mean vs Slug



Right In: -162.076+/-280.838 χ^2/NDF : 13.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 606.040+/-245.294 χ^2/NDF : 12.4/15

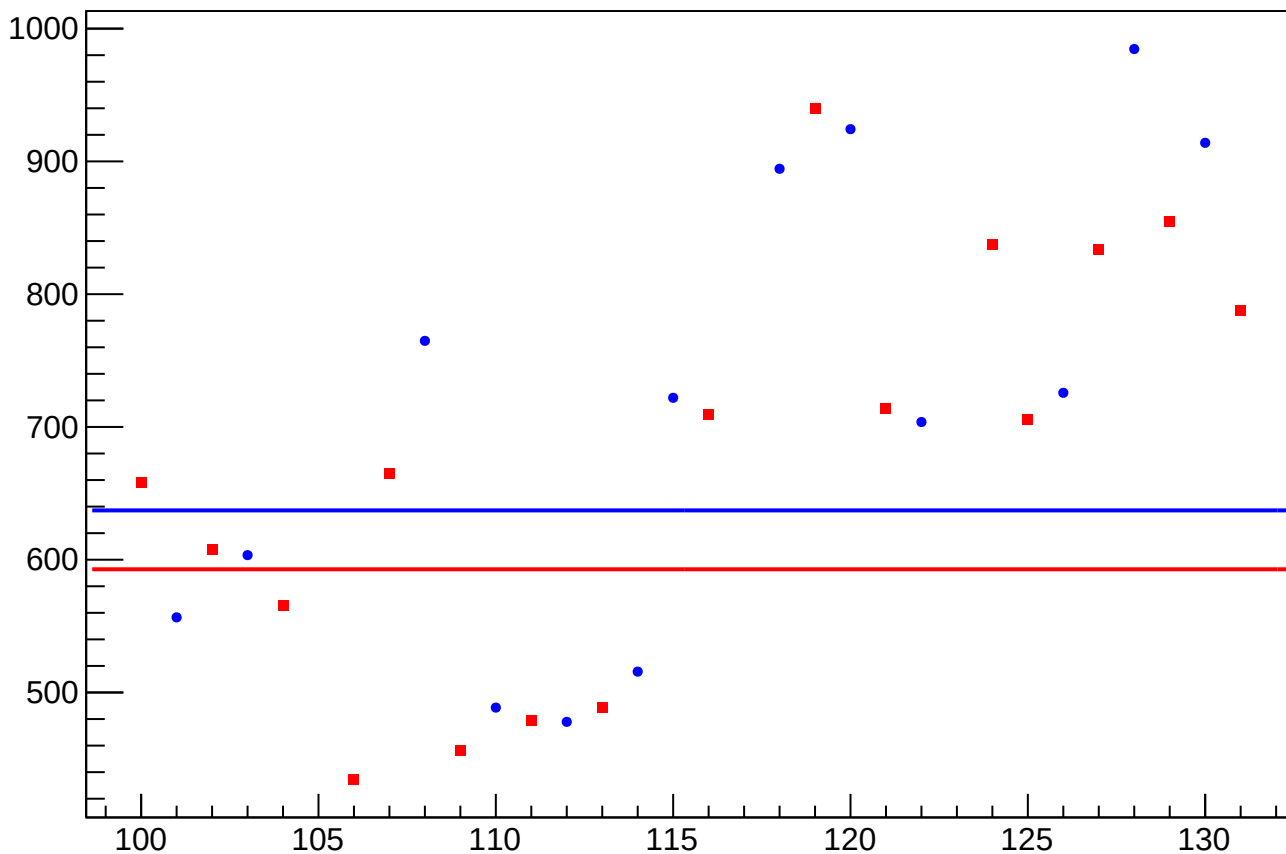
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 273.637+/-184.746 χ^2/NDF : 30.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_eigen_cor_correction_rms vs Slug



Right In: 637.146+/-0.199 χ^2/NDF : 636307.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 592.790+/-0.173 χ^2/NDF : 707171.5/15

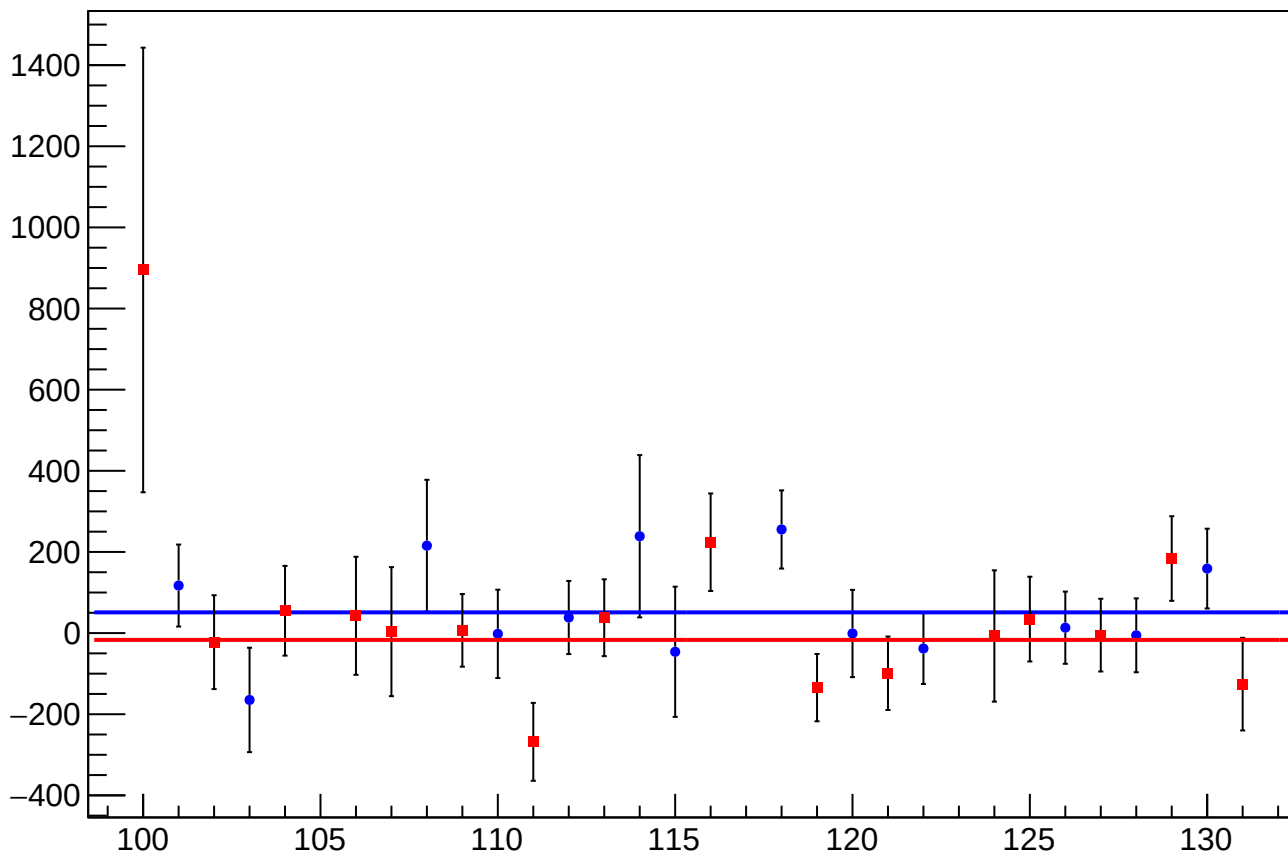
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 611.985+/-0.131 χ^2/NDF : 1371779.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_48_dd_mean vs Slug



Right In: 51.050 ± 29.581 χ^2/NDF : 13.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.759 ± 27.212 χ^2/NDF : 22.4/15

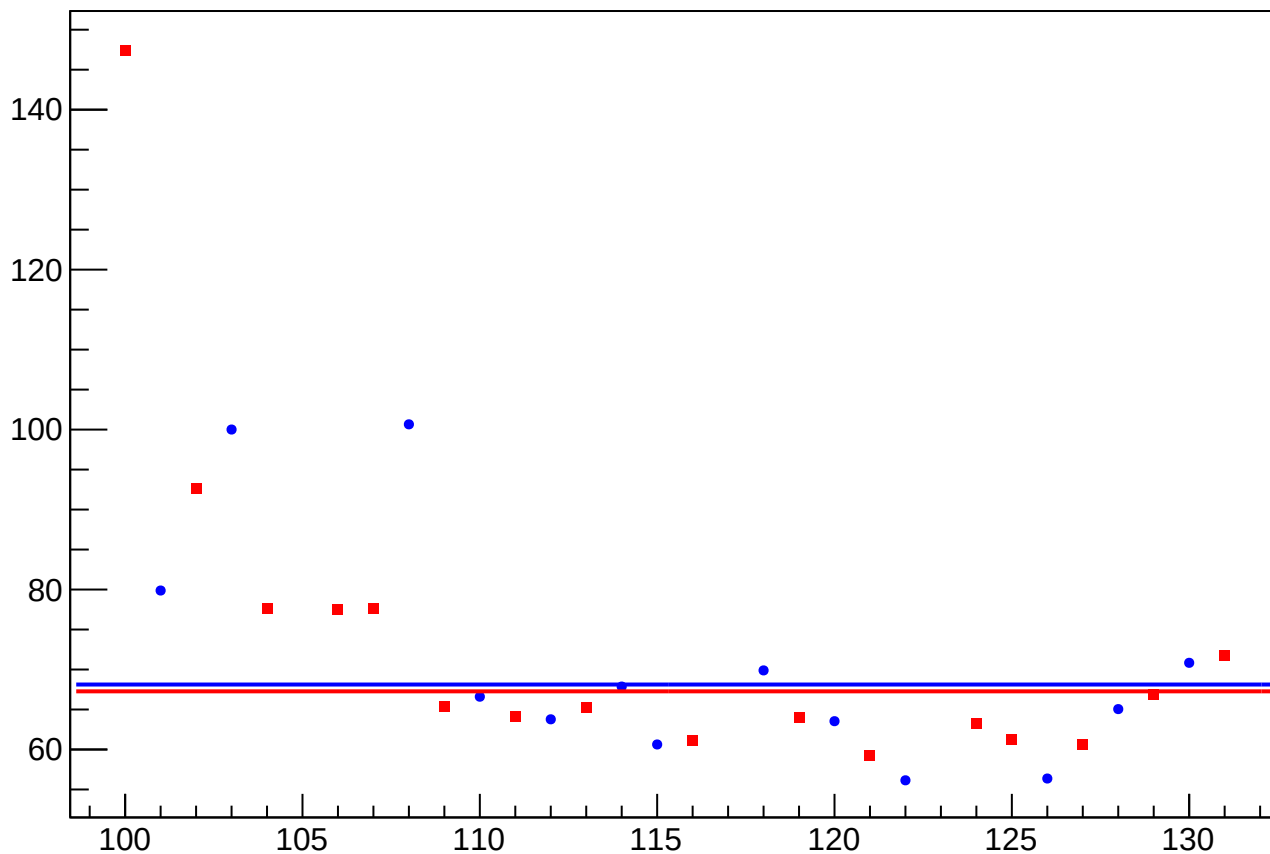
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 14.321 ± 20.027 χ^2/NDF : 38.5/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_48_dd_rms vs Slug



Right In: 68.124 $\pm$ 0.021 χ^2 /NDF: 319972.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 67.271 $\pm$ 0.019 χ^2 /NDF: 225188.7/15

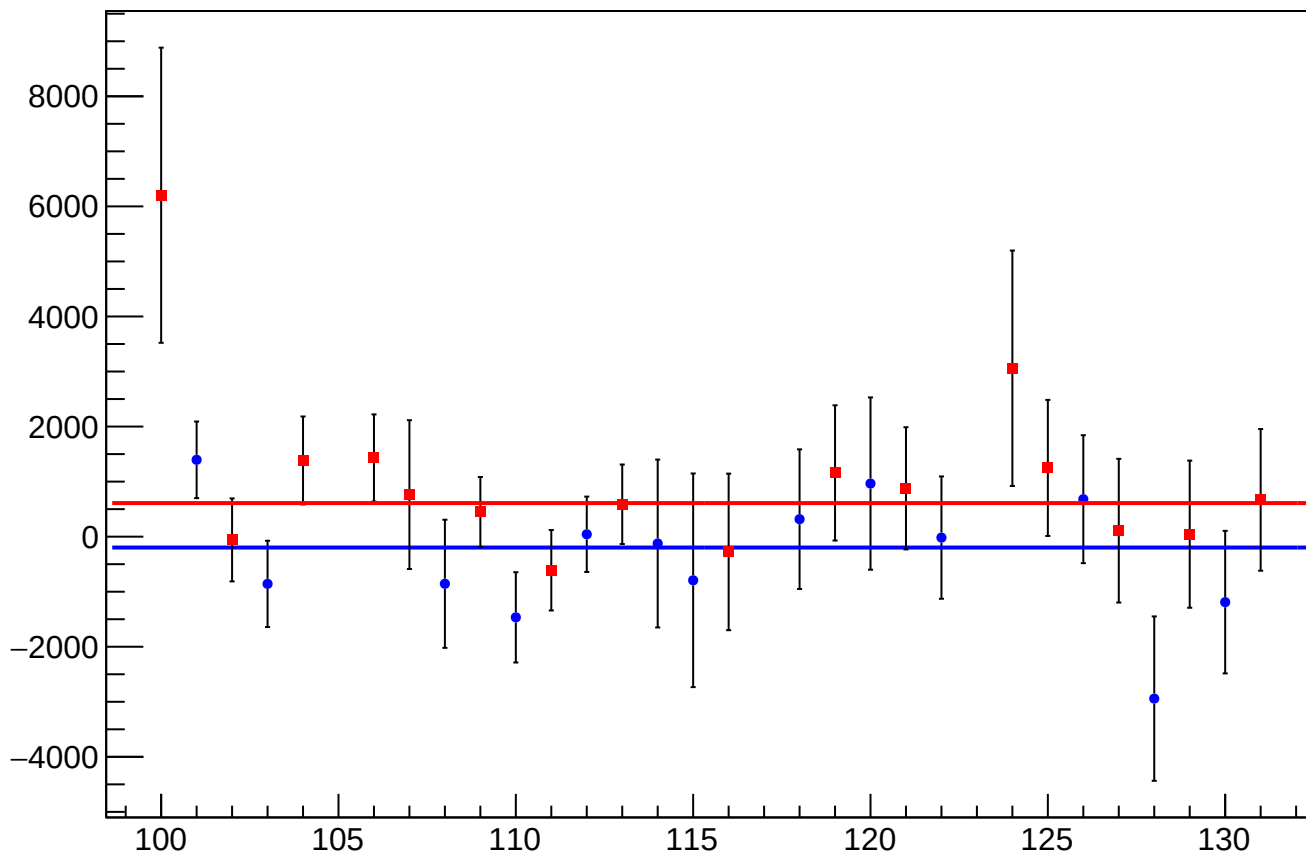
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 67.662 $\pm$ 0.014 χ^2 /NDF: 546061.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_dit_correction_mean vs Slug



Right In: -197.755+/-284.313 χ^2 /NDF: 14.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 610.026+/-246.421 χ^2 /NDF: 12.6/15

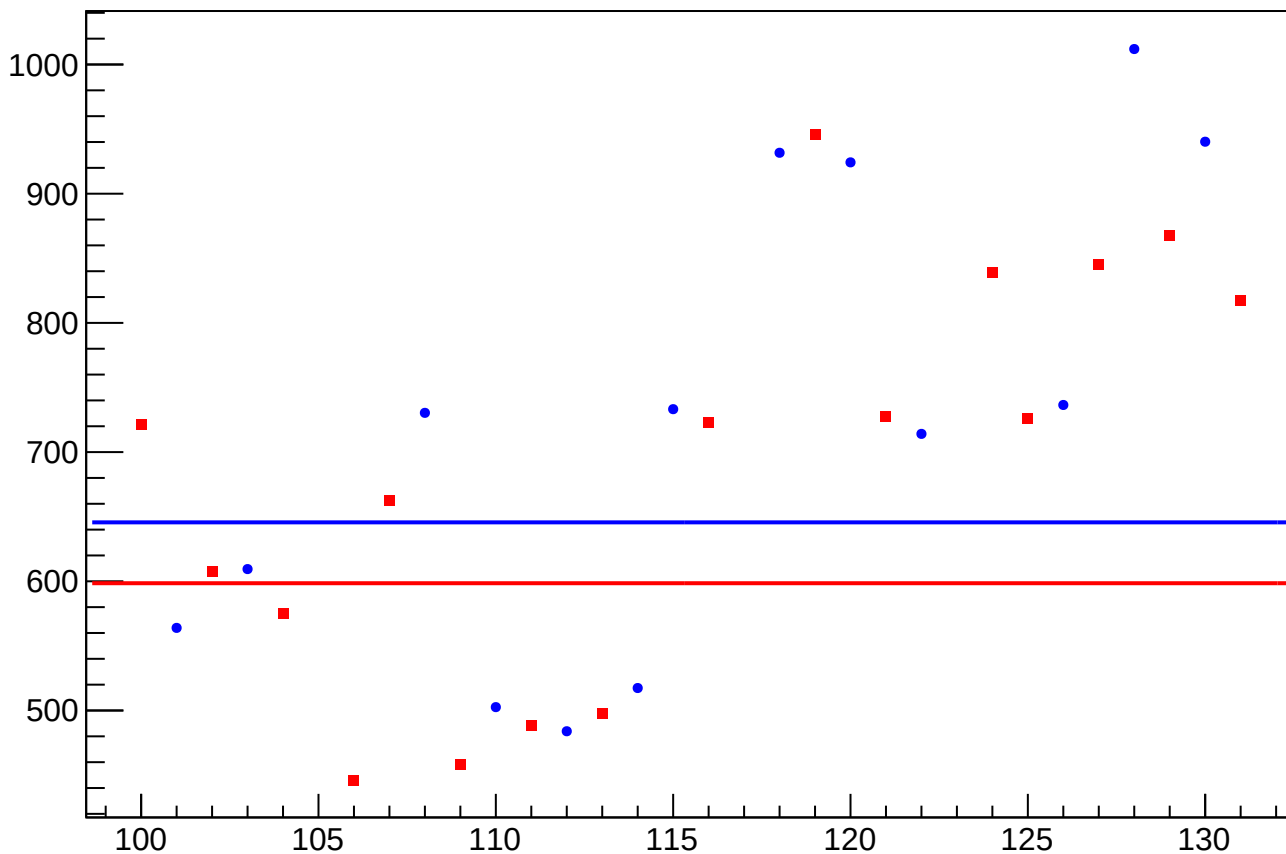
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 263.515+/-186.212 χ^2 /NDF: 31.3/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_dit_correction_rms vs Slug



Right In: 645.619+/-0.201 χ^2/NDF : 641863.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

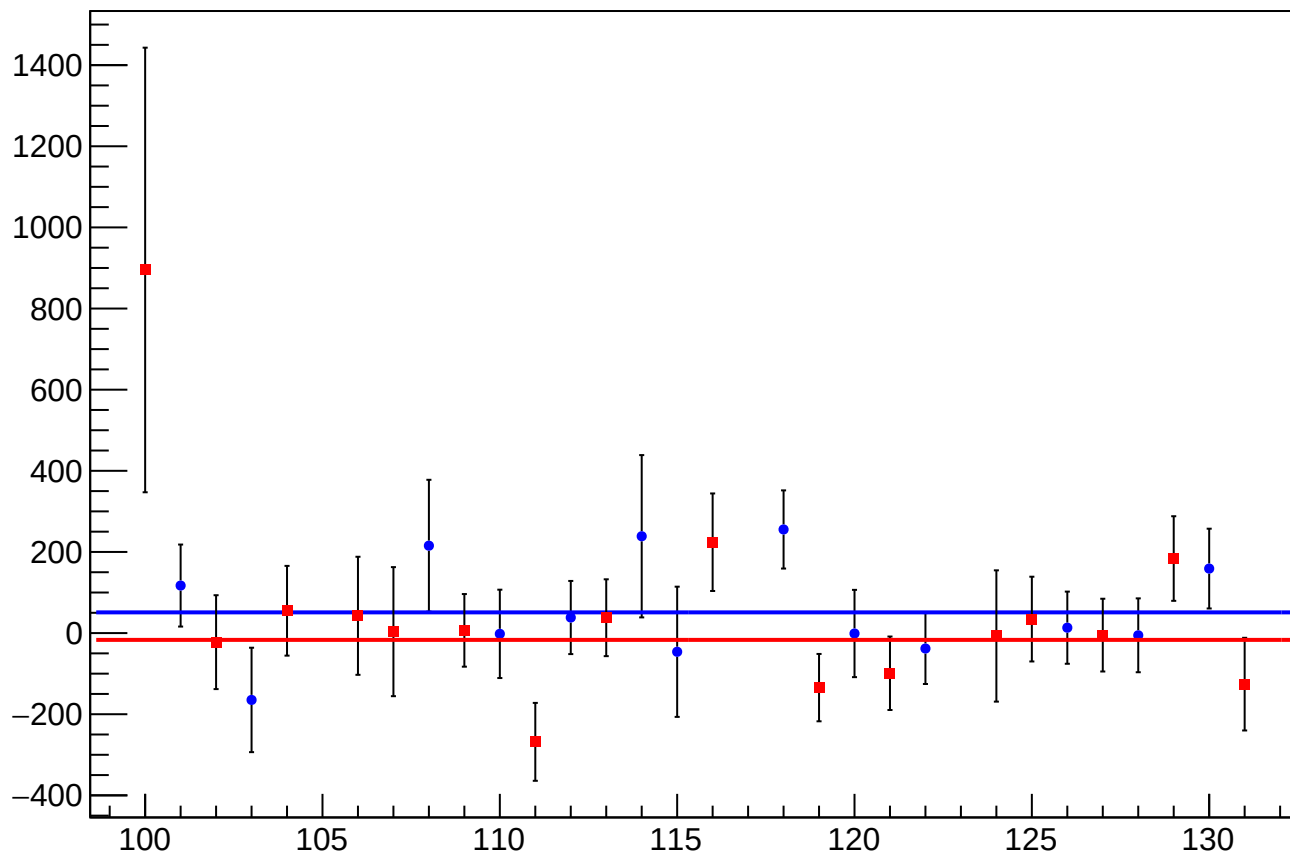
Right Out: 598.516+/-0.174 χ^2/NDF : 726204.9/15

All: 618.721+/-0.132 χ^2/NDF : 1399415.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_48_dd_mean vs Slug



Right In: 51.050 $\pm$ 29.581 χ^2 /NDF: 13.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -16.759 $\pm$ 27.212 χ^2 /NDF: 22.4/15

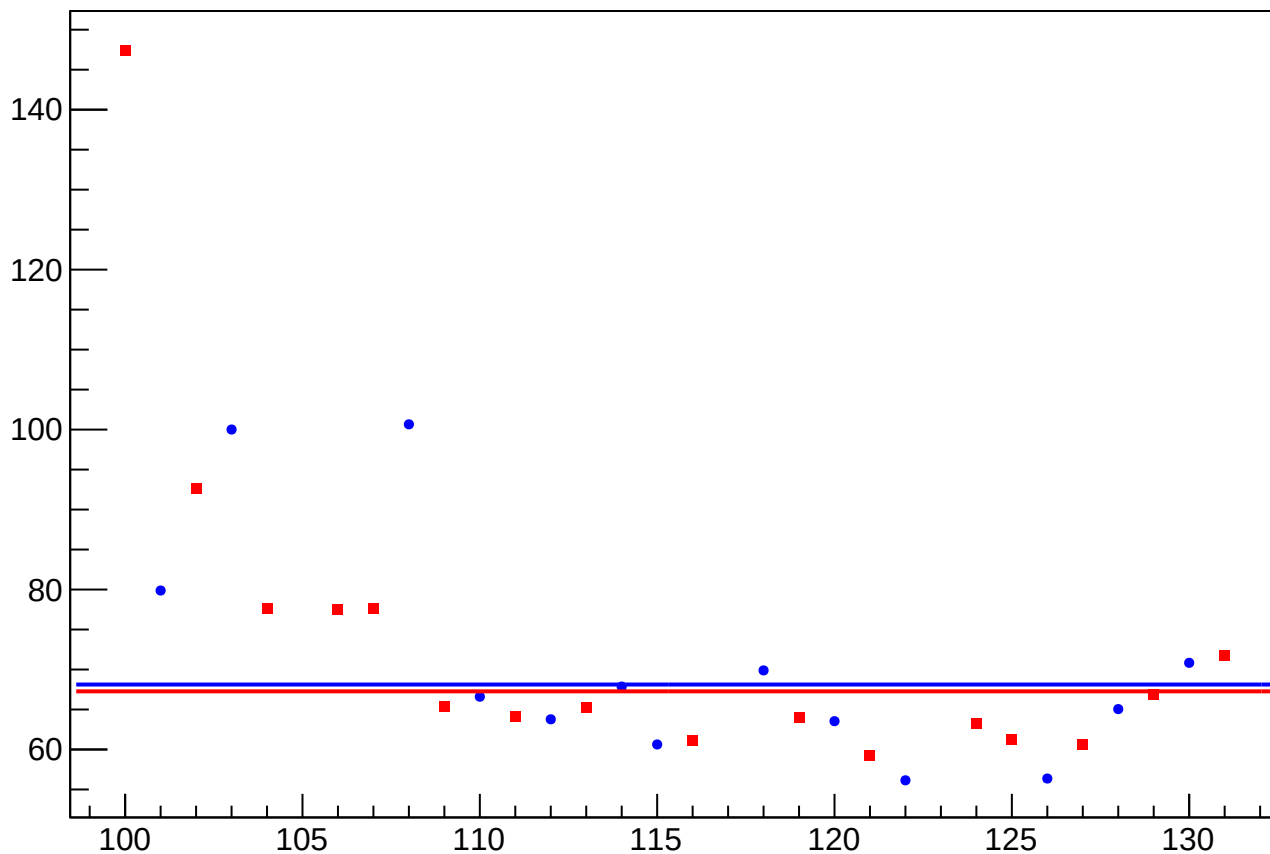
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.321 $\pm$ 20.027 χ^2 /NDF: 38.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_48_dd_rms vs Slug



Right In: 68.123+/-0.021 χ^2/NDF : 319977.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.271+/-0.019 χ^2/NDF : 225193.4/15

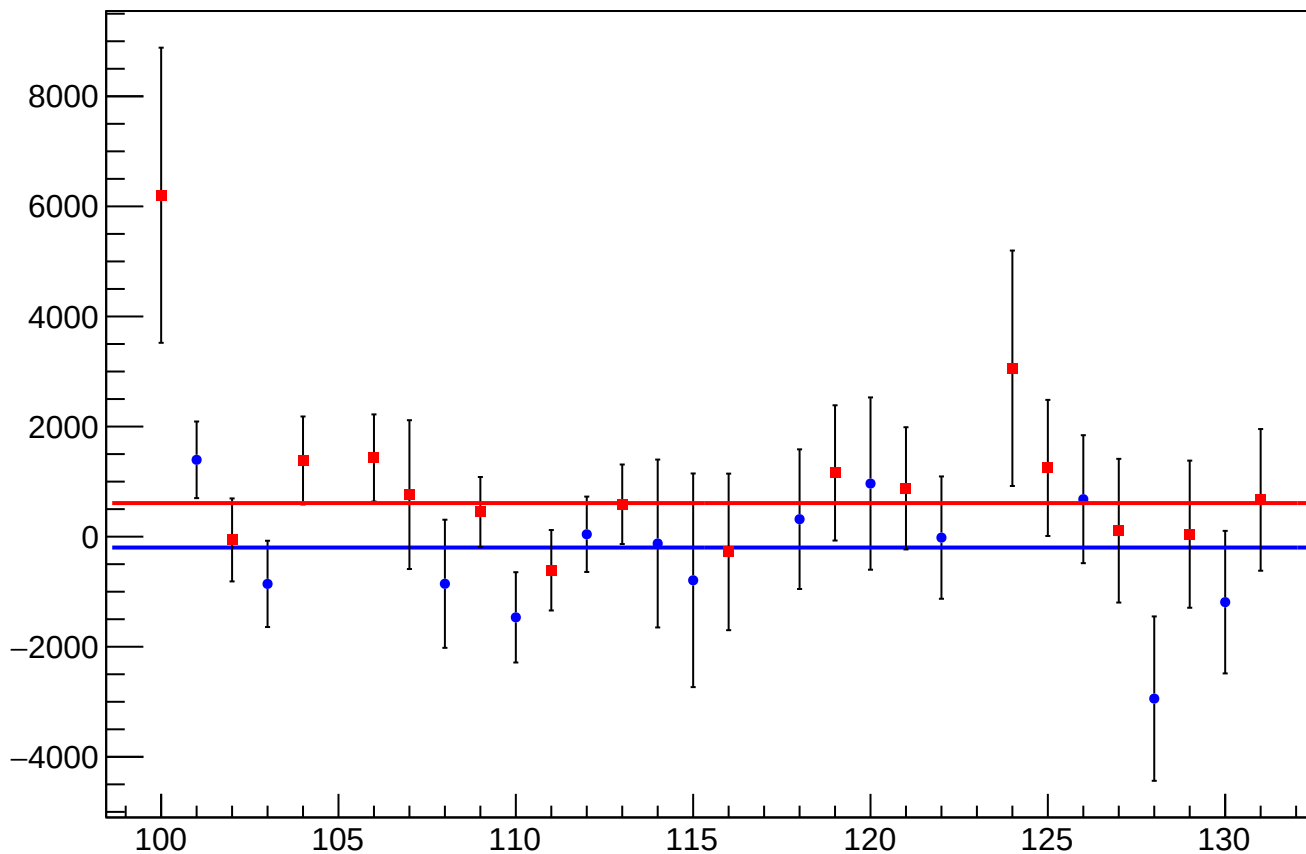
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.662+/-0.014 χ^2/NDF : 546070.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_eigen_dit_correction_mean vs Slug



Right In: -197.755 $\pm$ 284.312 χ^2 /NDF: 14.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 610.025 $\pm$ 246.420 χ^2 /NDF: 12.6/15

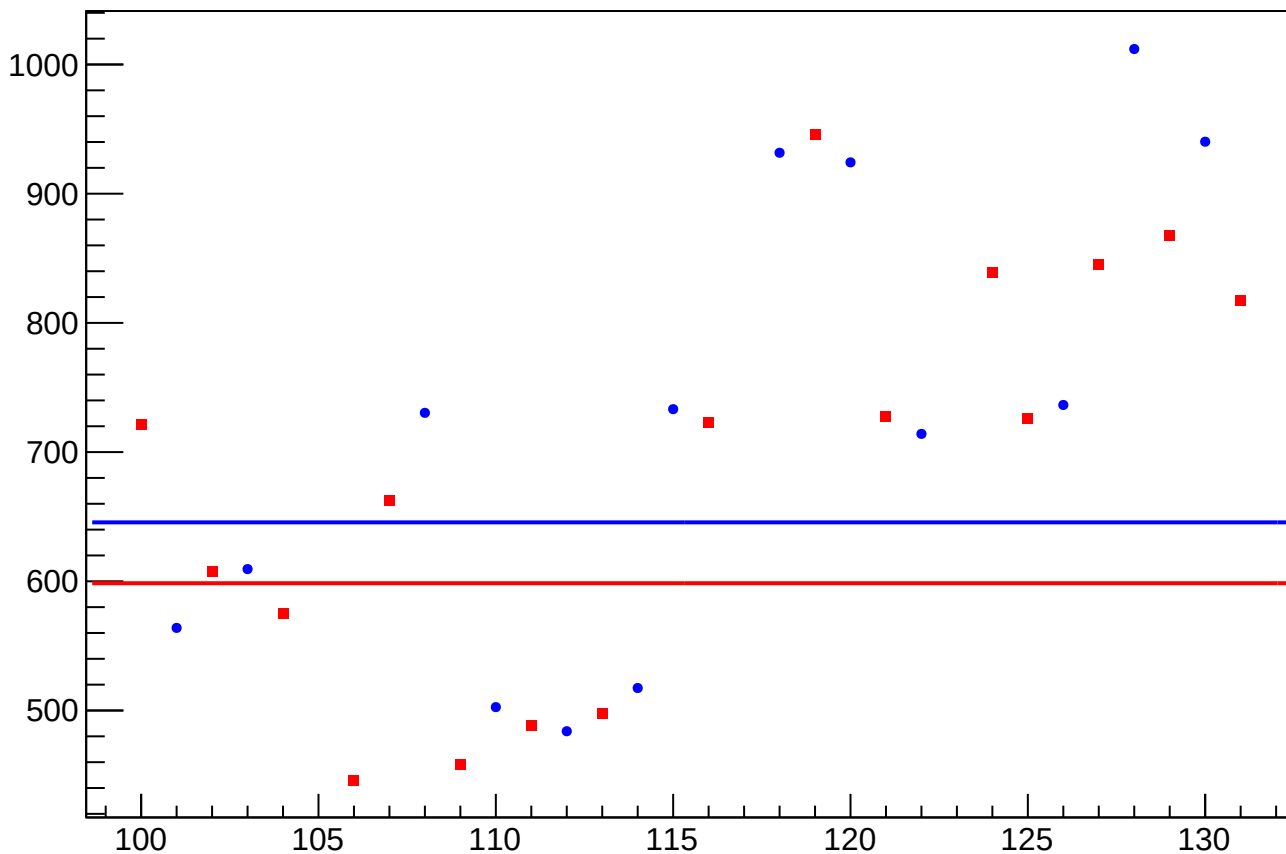
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 263.514 $\pm$ 186.212 χ^2 /NDF: 31.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_dit_correction_rms vs Slug



Right In: 645.618+/-0.201 χ^2/NDF : 641866.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

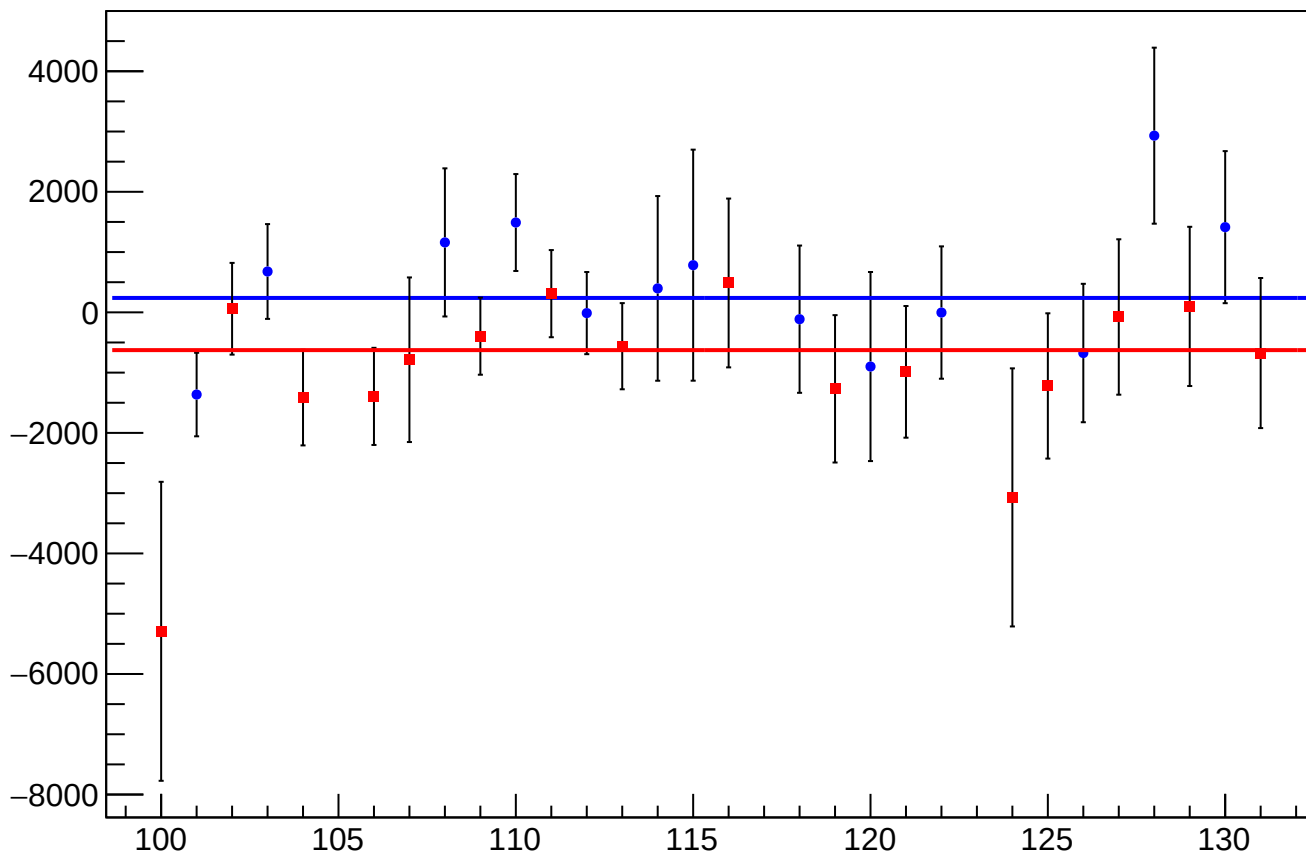
Right Out: 598.515+/-0.174 χ^2/NDF : 726207.4/15

All: 618.721+/-0.132 χ^2/NDF : 1399421.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_mean vs Slug



Right In: 239.067 $\pm$ 282.615 χ^2 /NDF: 14.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -626.667 $\pm$ 245.344 χ^2 /NDF: 11.1/15

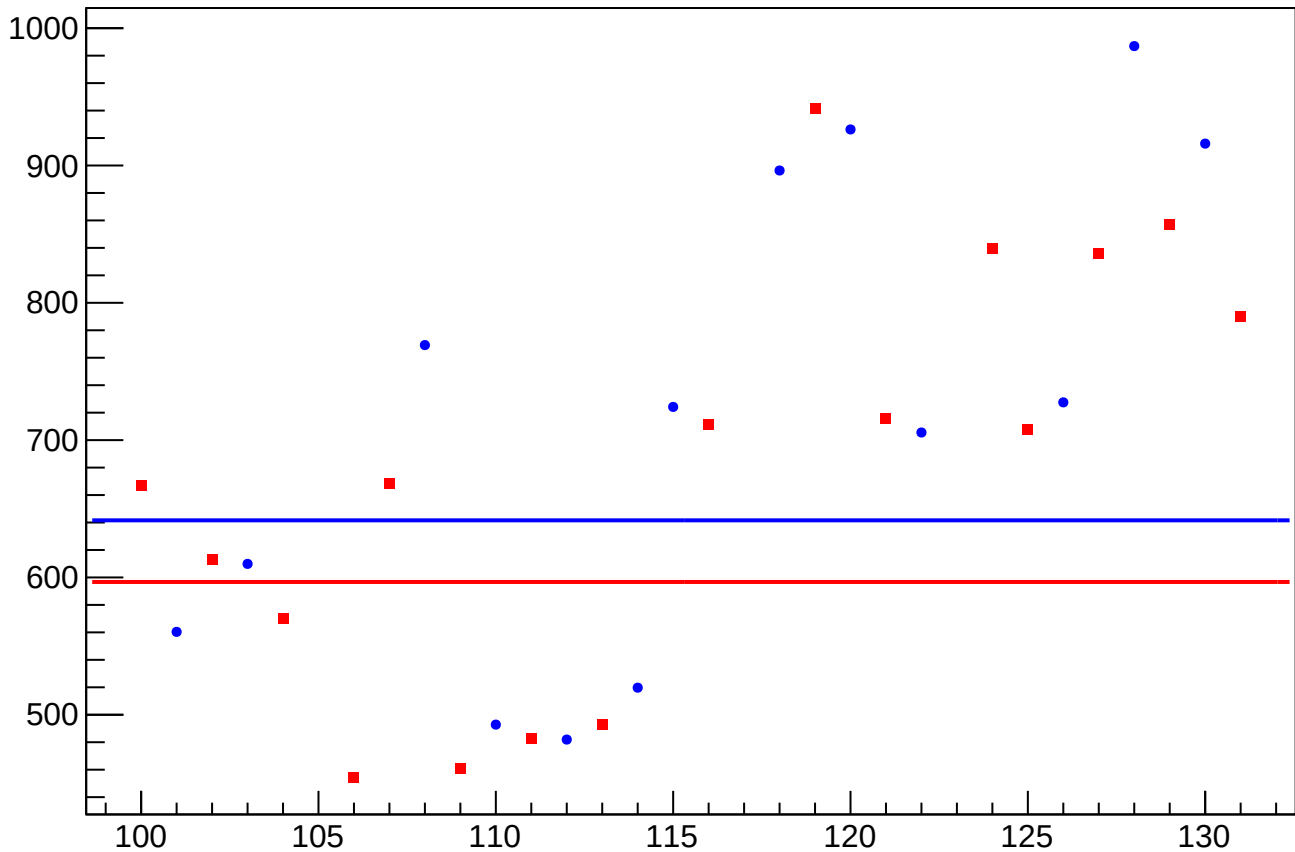
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -254.613 $\pm$ 185.270 χ^2 /NDF: 30.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_rms vs Slug



Right In: 641.586 ± 0.200 χ^2/NDF : 624157.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 596.709 ± 0.173 χ^2/NDF : 688862.3/15

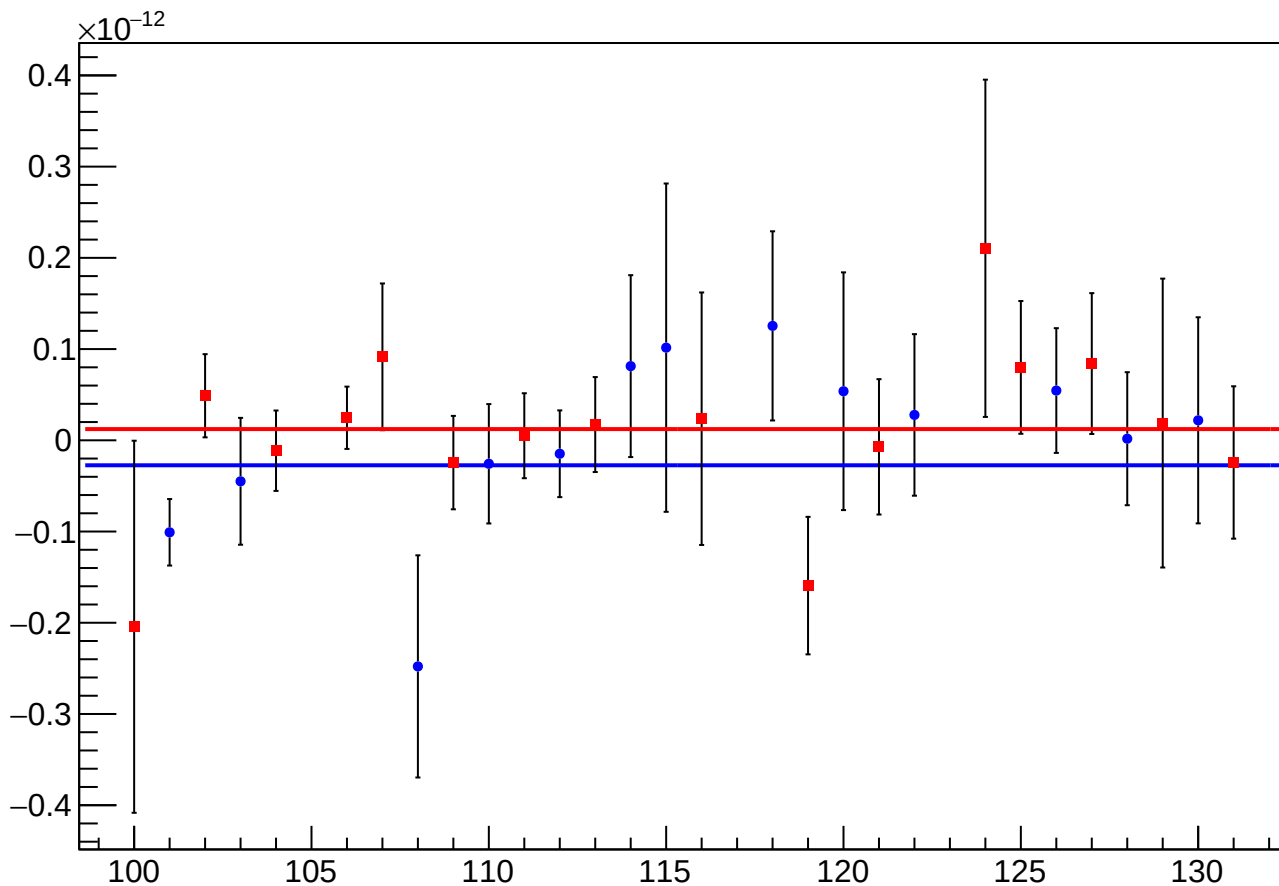
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 615.995 ± 0.131 χ^2/NDF : 1341778.1/28

- sign 0.000 ± 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: 13.9/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 12.0/15

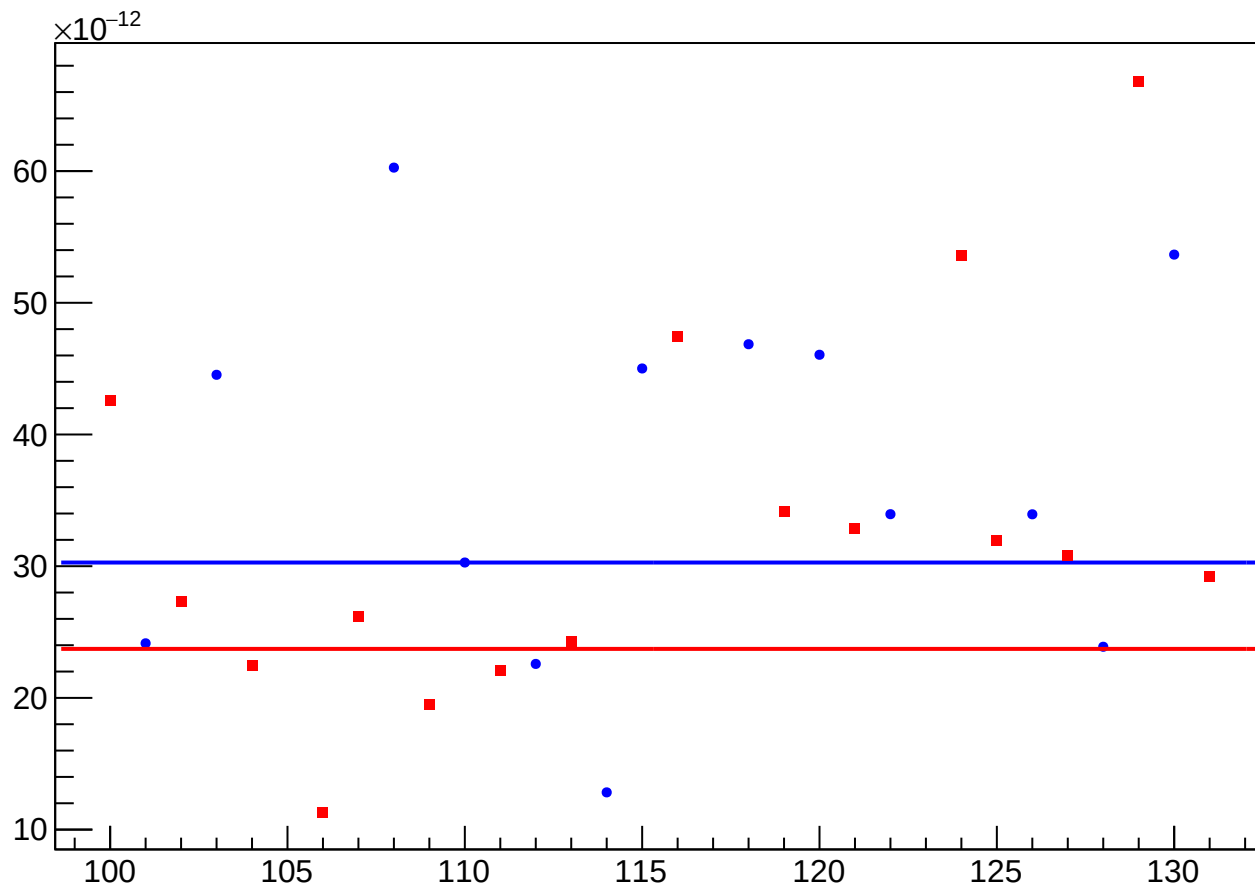
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 28.5/28

- 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 : 579808.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 693356.3/15

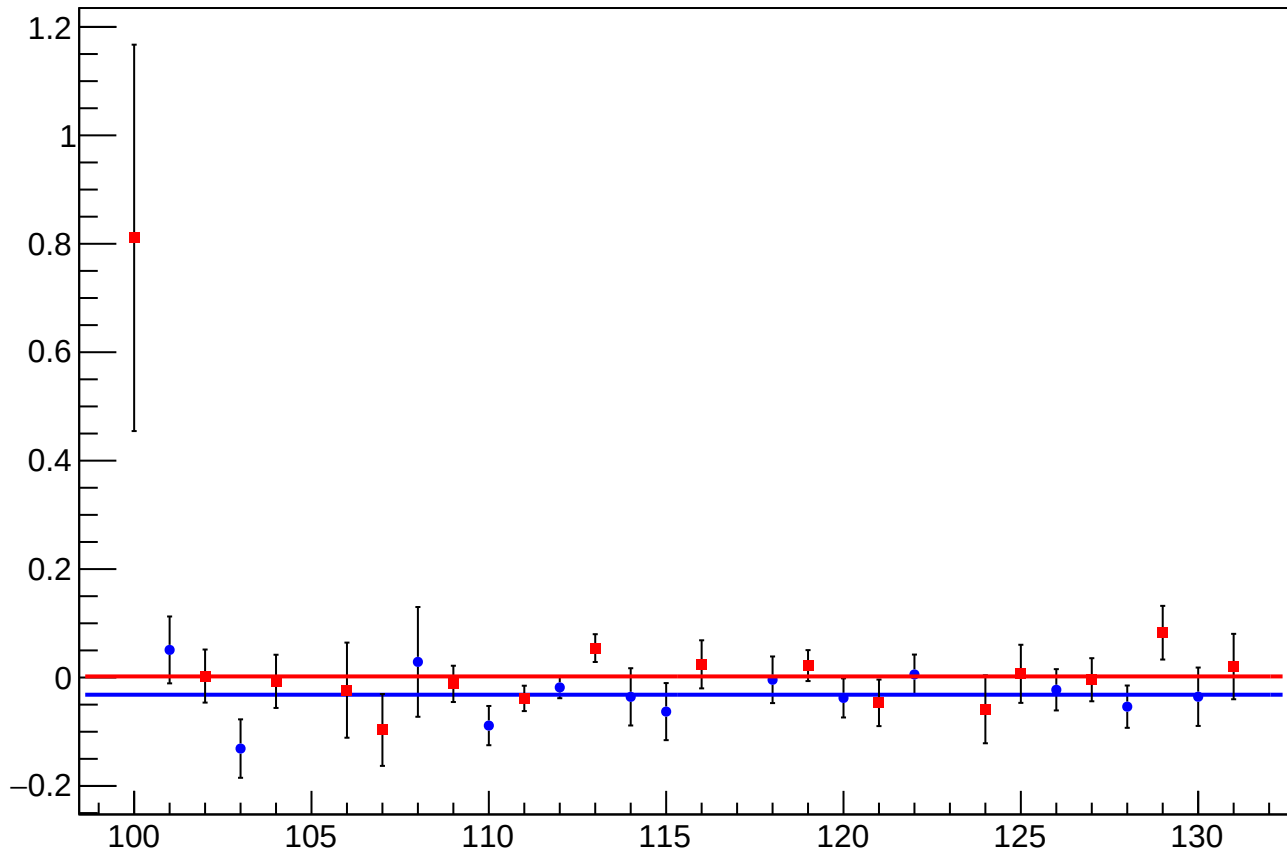
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1411408.4/28

- 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: -0.032 $\pm$ 0.011 χ^2/NDF : 10.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.002 $\pm$ 0.010 χ^2/NDF : 20.6/15

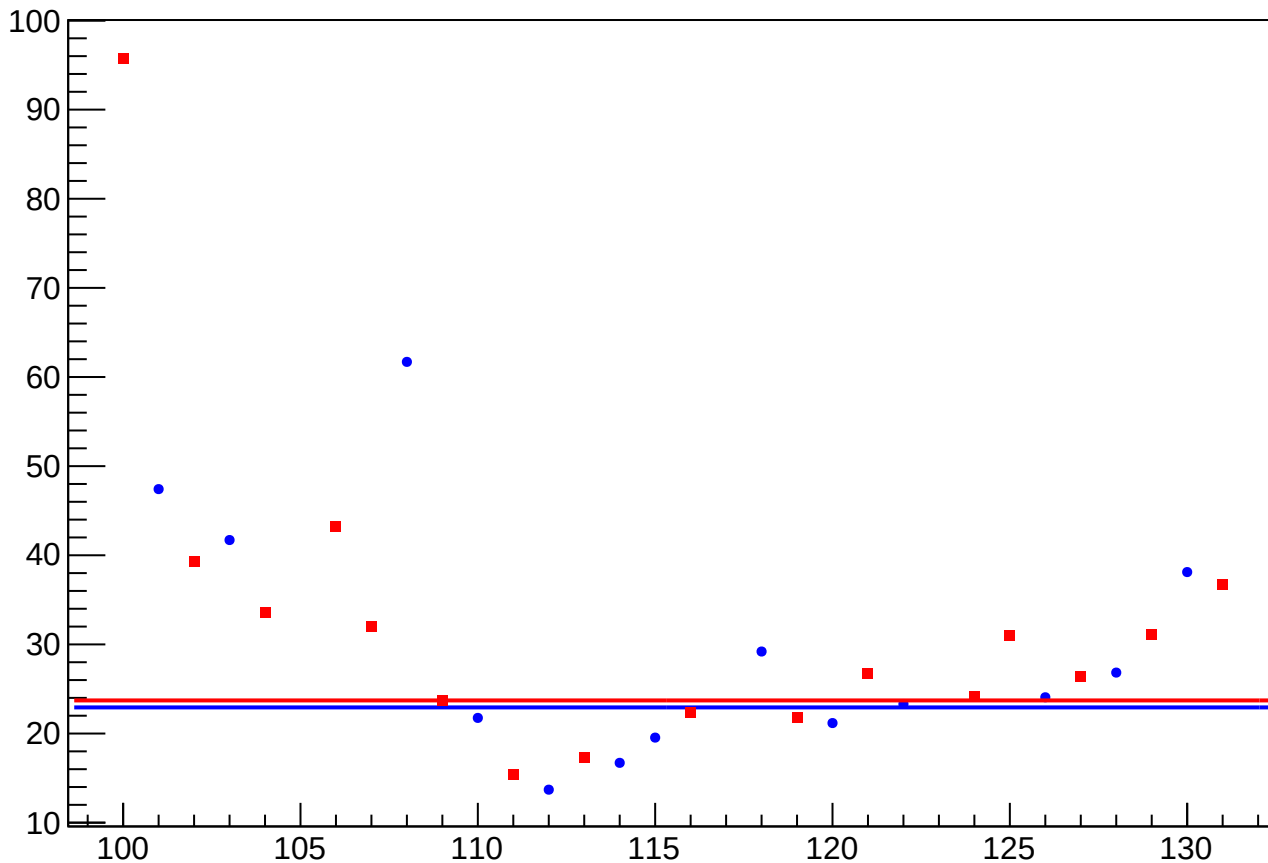
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.014 $\pm$ 0.007 χ^2/NDF : 36.4/28

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_dit_vs_cor_diff_rms vs Slug



Right In: 22.932+/-0.008 χ^2 /NDF: 1546995.3/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 23.715+/-0.007 χ^2 /NDF: 1077972.2/15

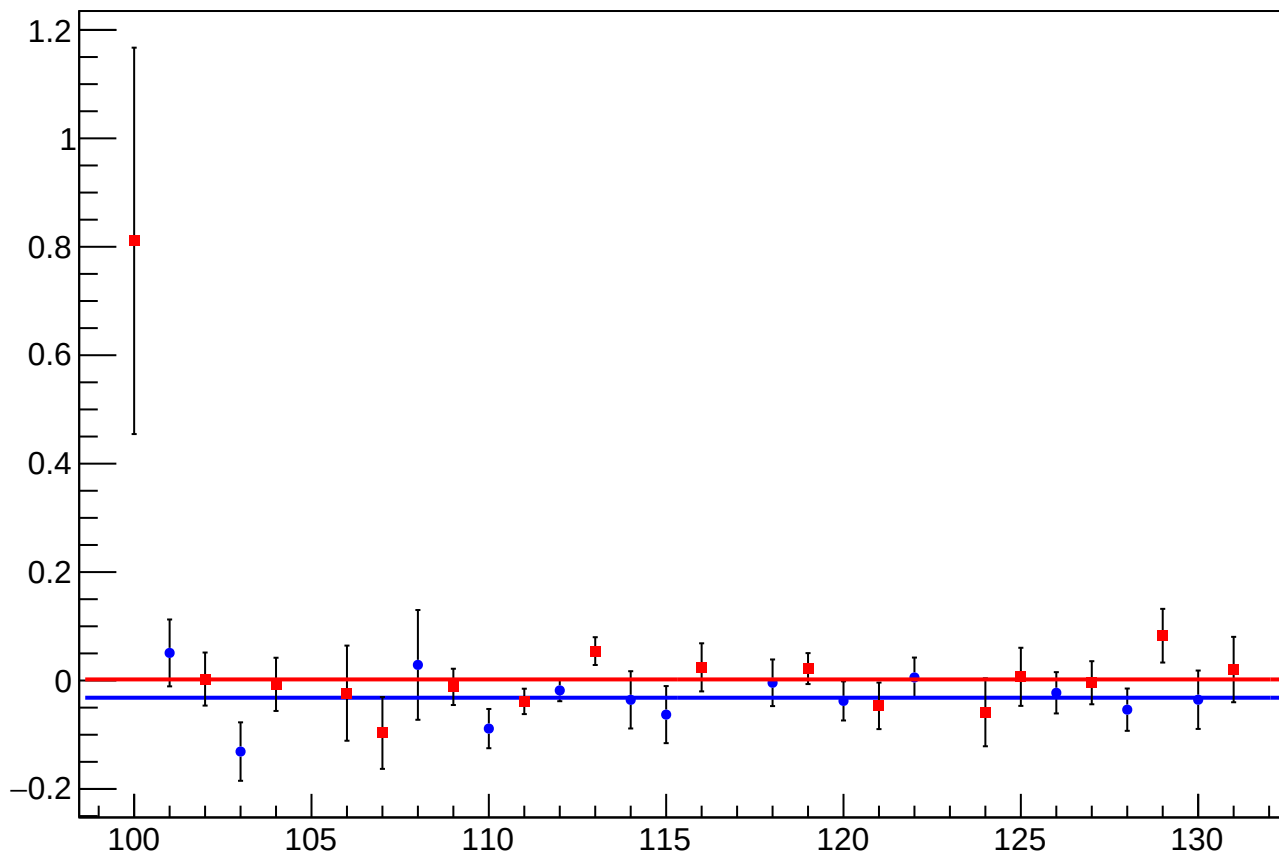
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 23.349+/-0.005 χ^2 /NDF: 2630496.3/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.032±/0.011 χ^2/NDF : 10.7/12

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: 0.002±/0.010 χ^2/NDF : 20.6/15

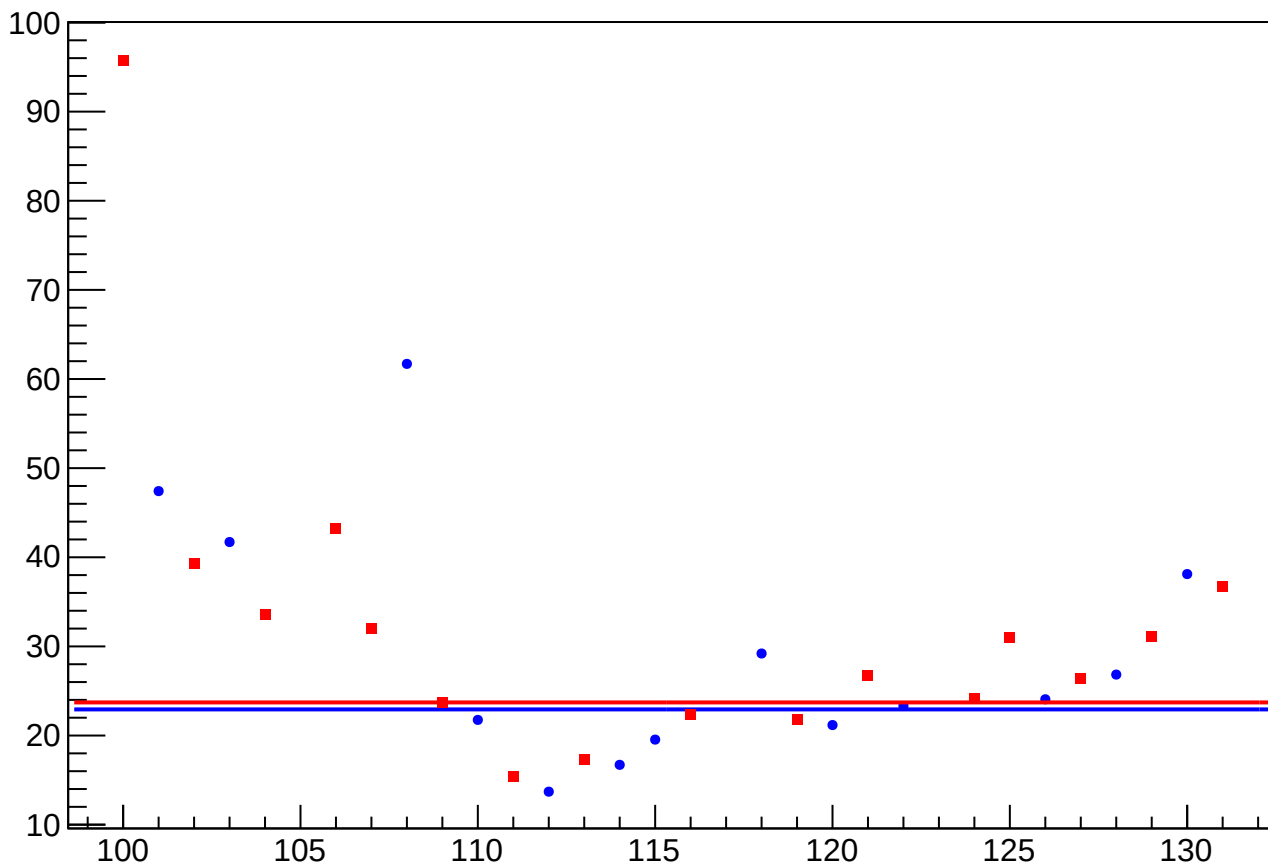
Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

+ sign 0.000±/0.000 χ^2/NDF : 0.0/0

All: -0.014±/0.007 χ^2/NDF : 36.4/28

- 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: 22.932+/-0.008 χ^2/NDF : 1546995.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.715+/-0.007 χ^2/NDF : 1077972.2/15

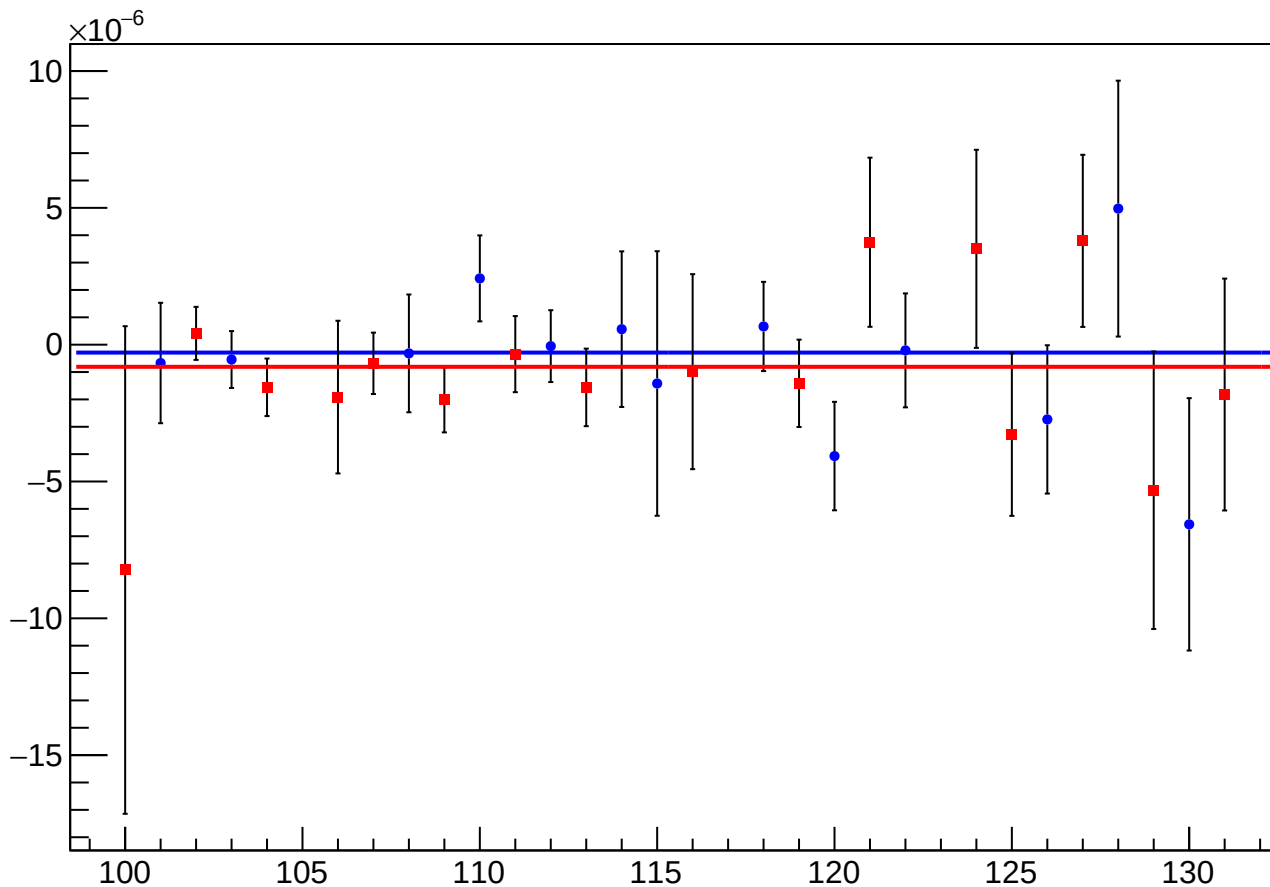
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.349+/-0.005 χ^2/NDF : 2630496.3/28

- 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 ± 0.000 χ^2/NDF : 11.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 11.8/15

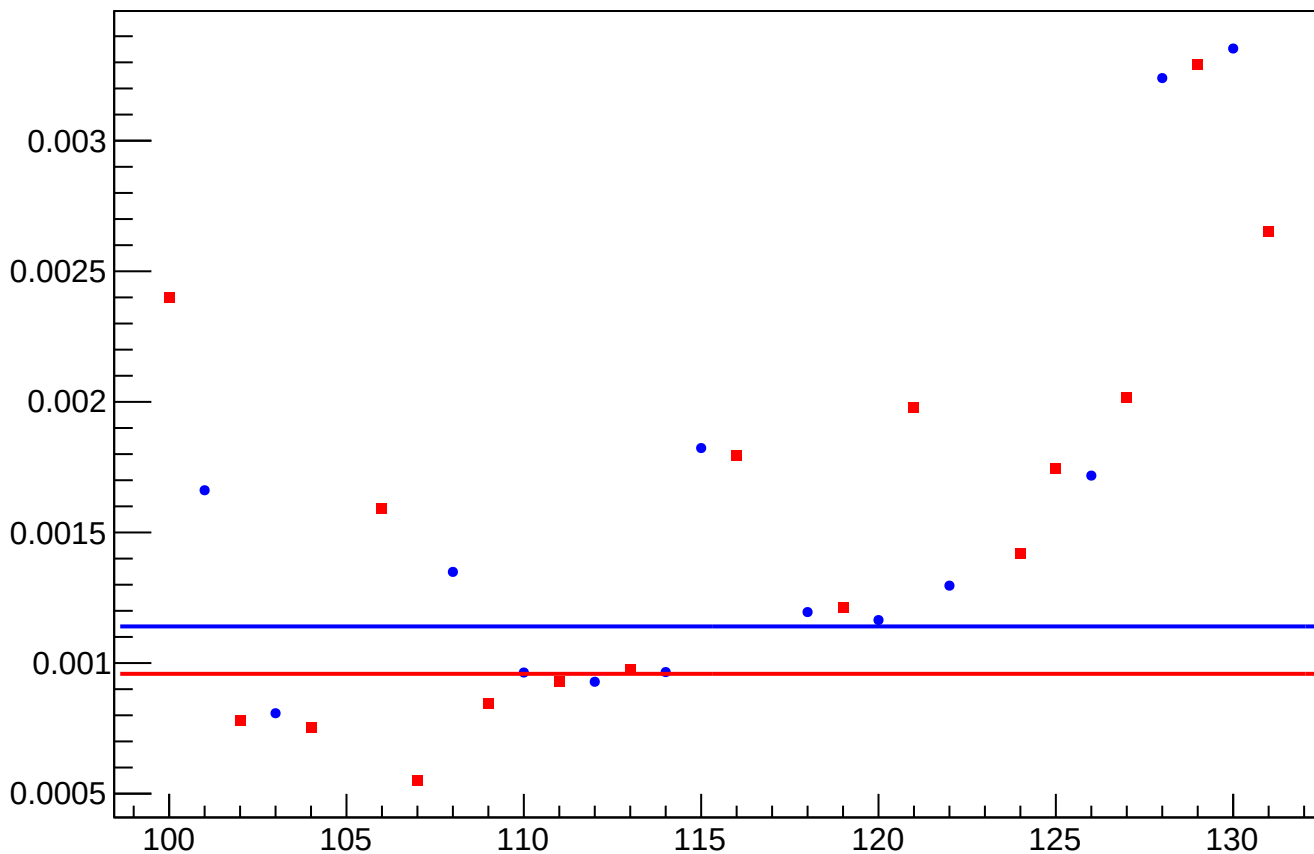
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 23.6/28

- sign 0.000 ± 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 : 1428589.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2103564.6/15

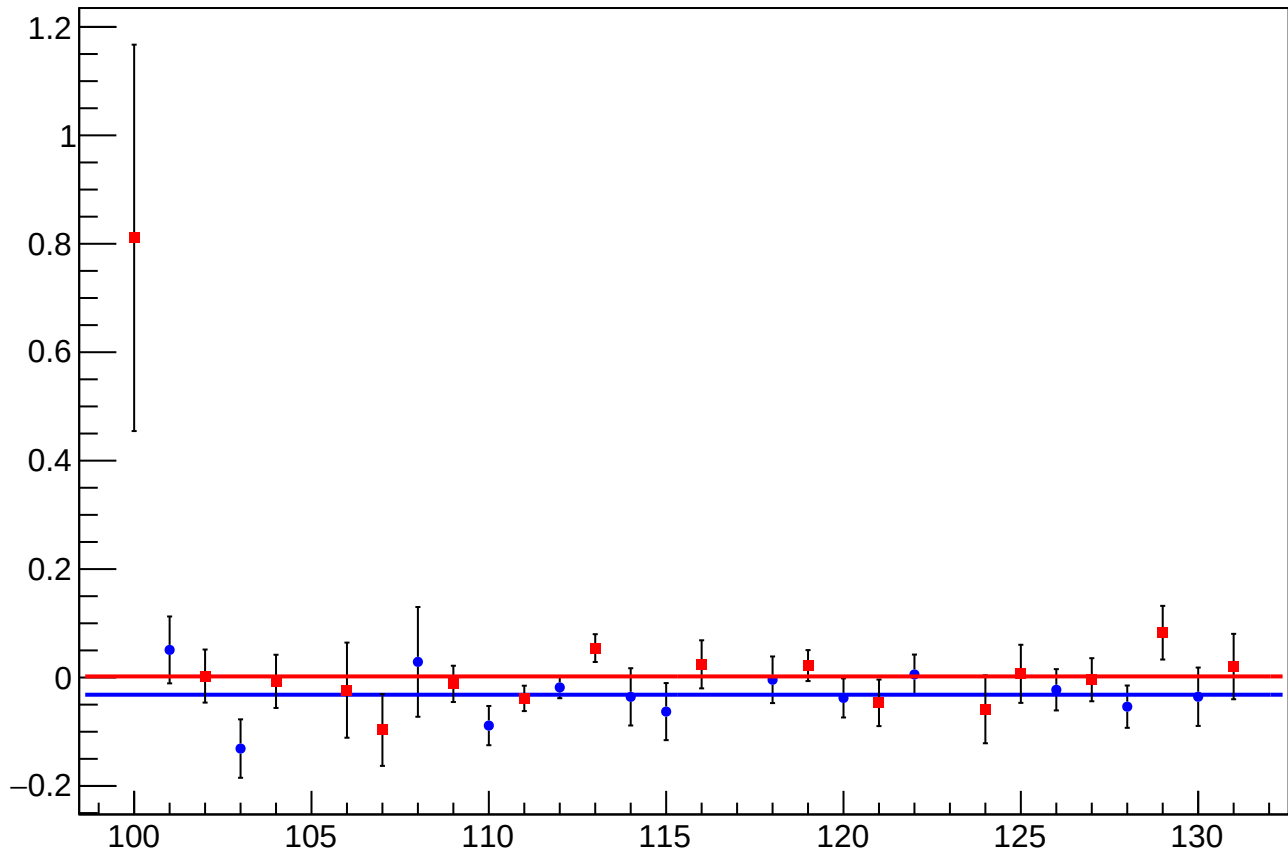
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3676171.8/28

- 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: -0.032 ± 0.011 χ^2/NDF : 10.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.002 ± 0.010 χ^2/NDF : 20.6/15

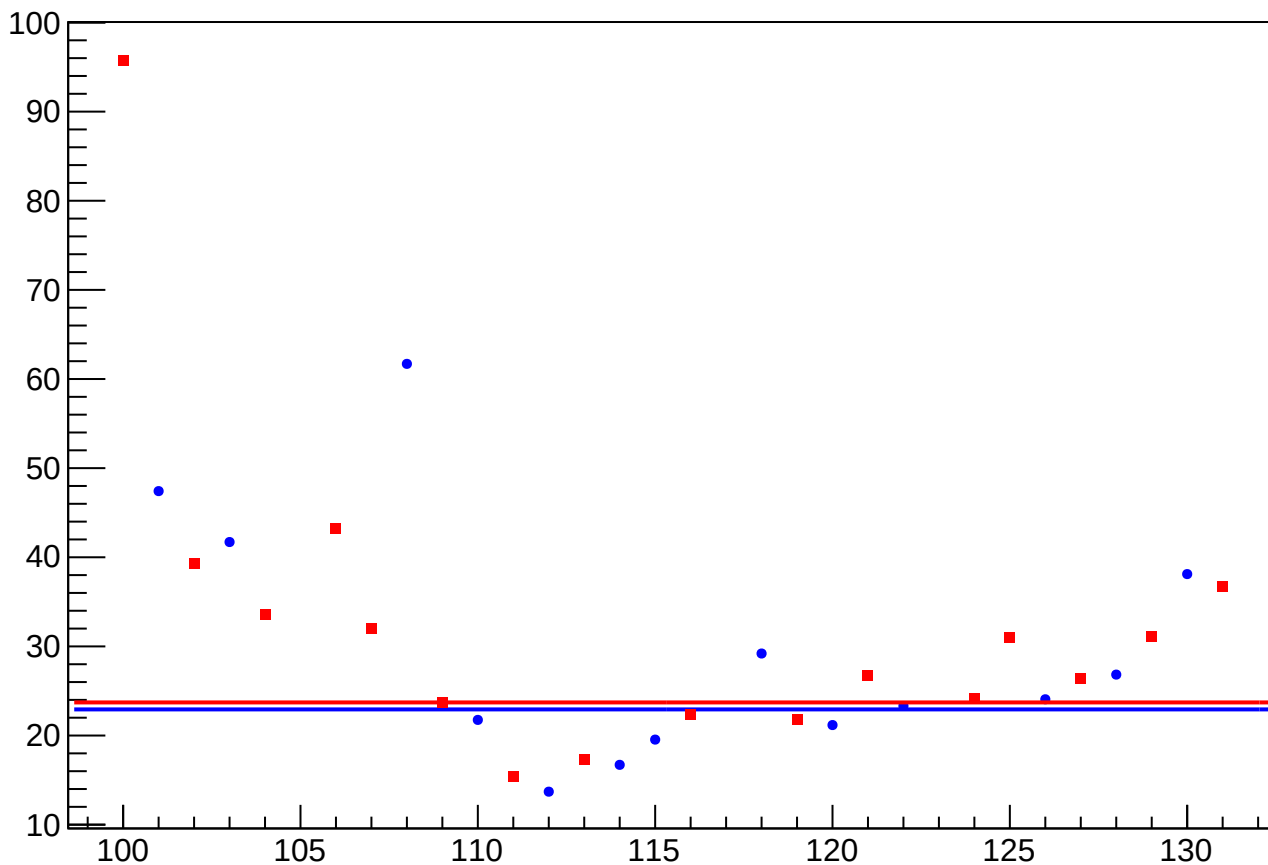
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.014 ± 0.007 χ^2/NDF : 36.4/28

- 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: 22.931+/-0.008 χ^2/NDF : 1547011.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.715+/-0.007 χ^2/NDF : 1078004.5/15

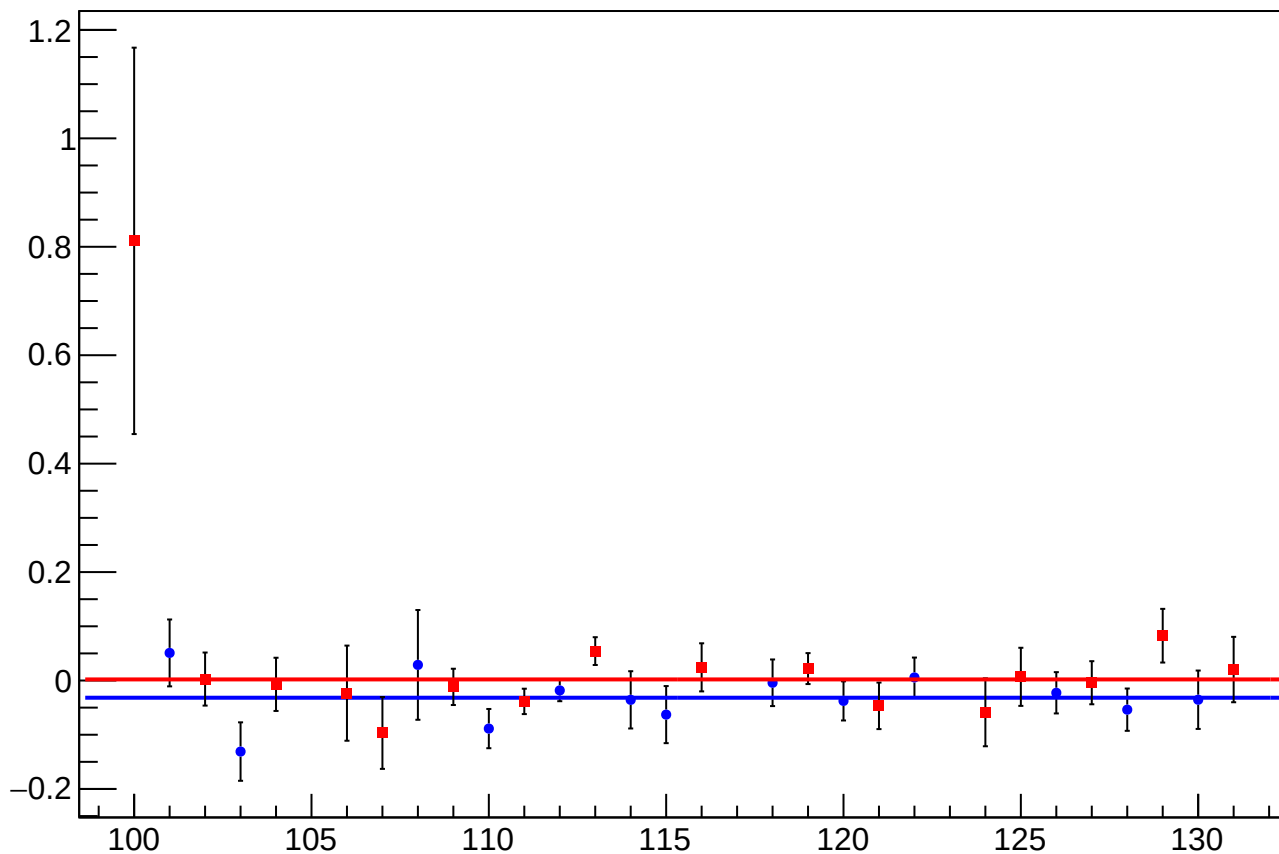
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.349+/-0.005 χ^2/NDF : 2630544.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.032 $\pm$ 0.011 χ^2 /NDF: 10.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.010 χ^2 /NDF: 20.6/15

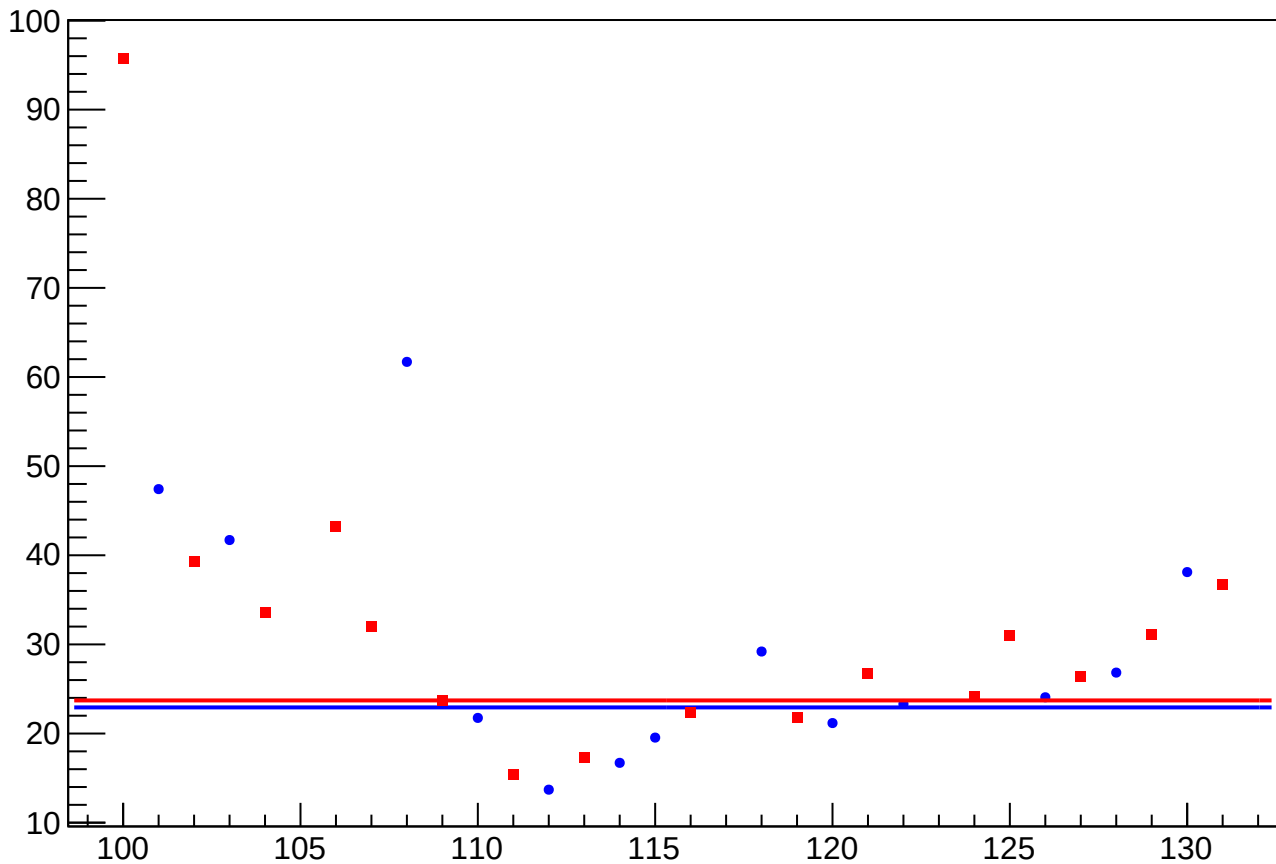
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.014 $\pm$ 0.007 χ^2 /NDF: 36.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 22.931+/-0.008 χ^2/NDF : 1547011.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.715+/-0.007 χ^2/NDF : 1078004.5/15

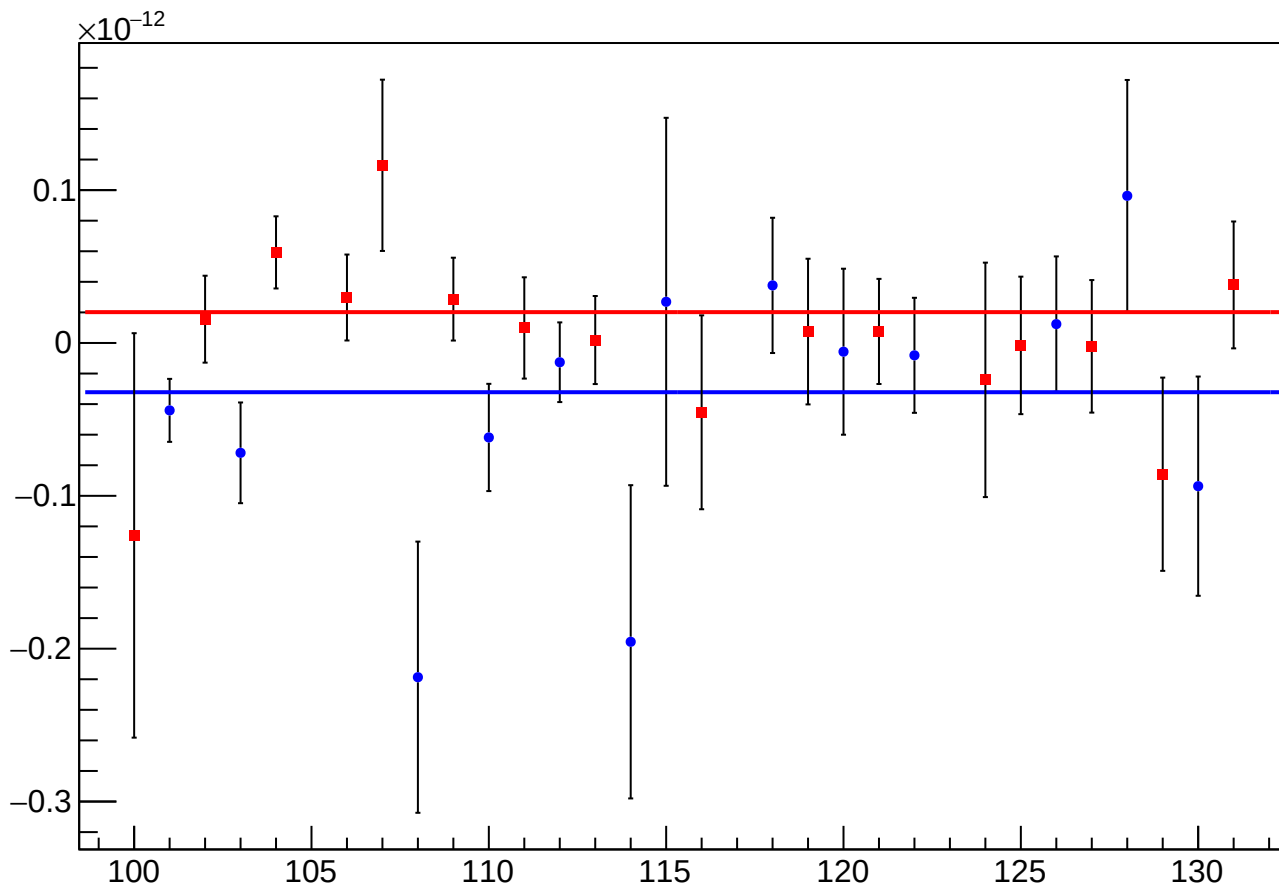
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.349+/-0.005 χ^2/NDF : 2630544.0/28

- 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: 18.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 12.7/15

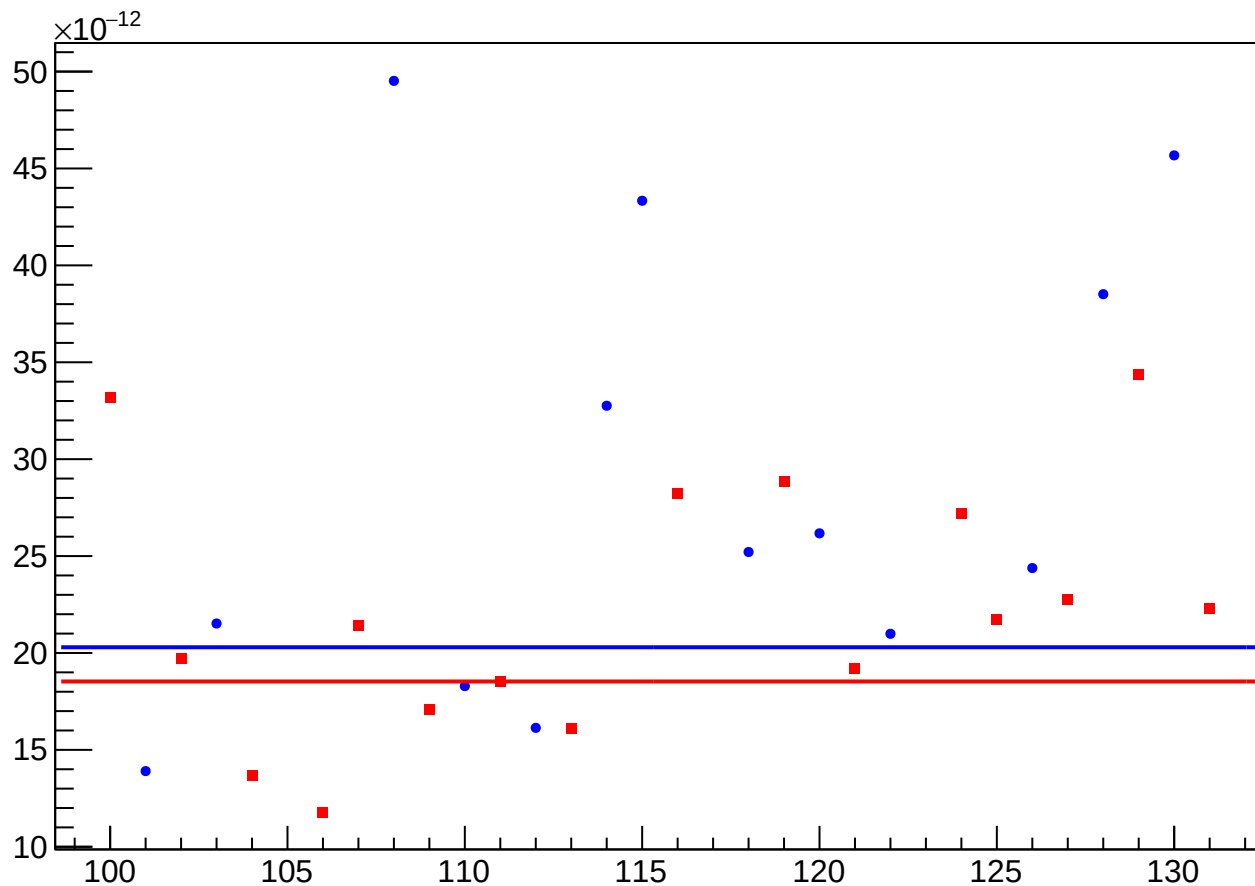
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 44.1/28

- 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 : 1004329.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 590410.8/15

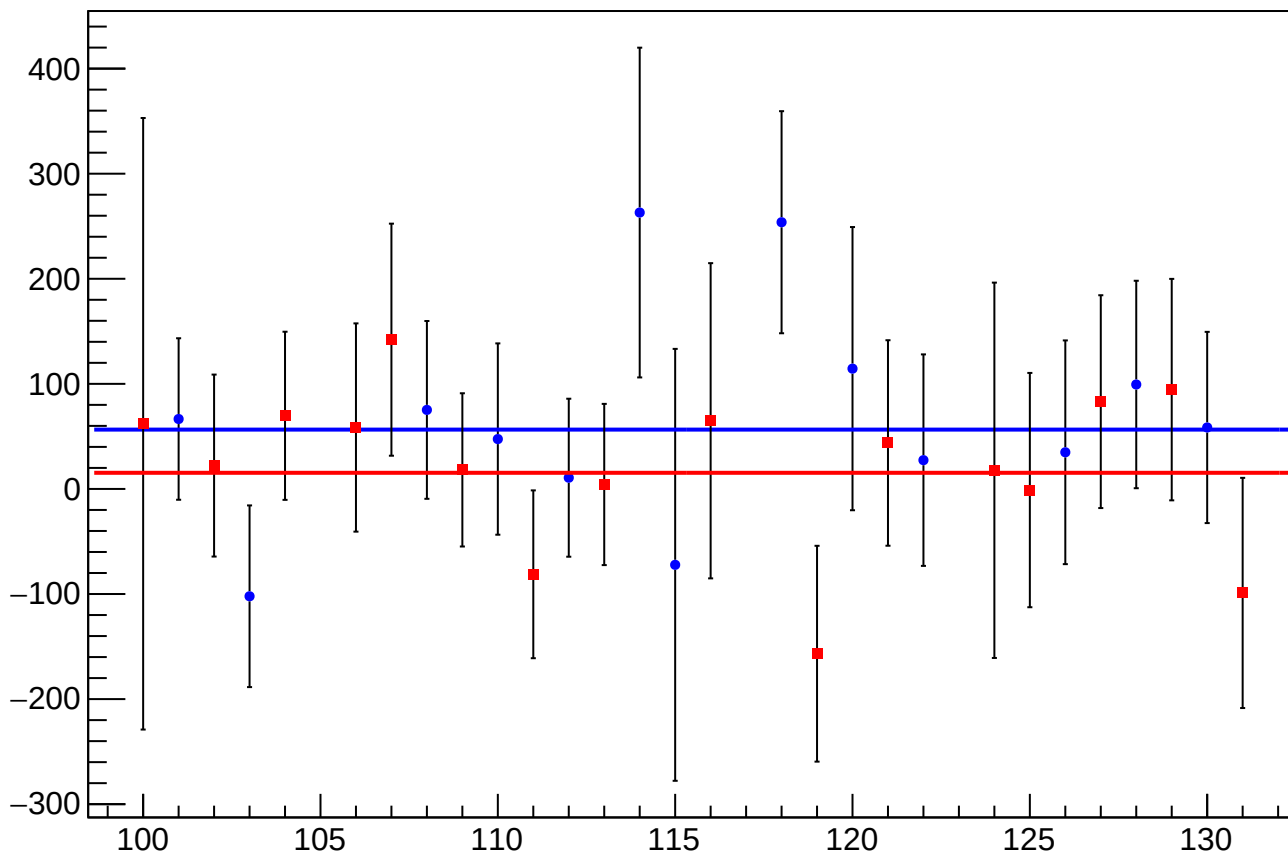
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1624988.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_mean vs Slug



Right In: 56.467 $\pm$ 27.119 χ^2 /NDF: 9.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.358 $\pm$ 24.794 χ^2 /NDF: 8.6/15

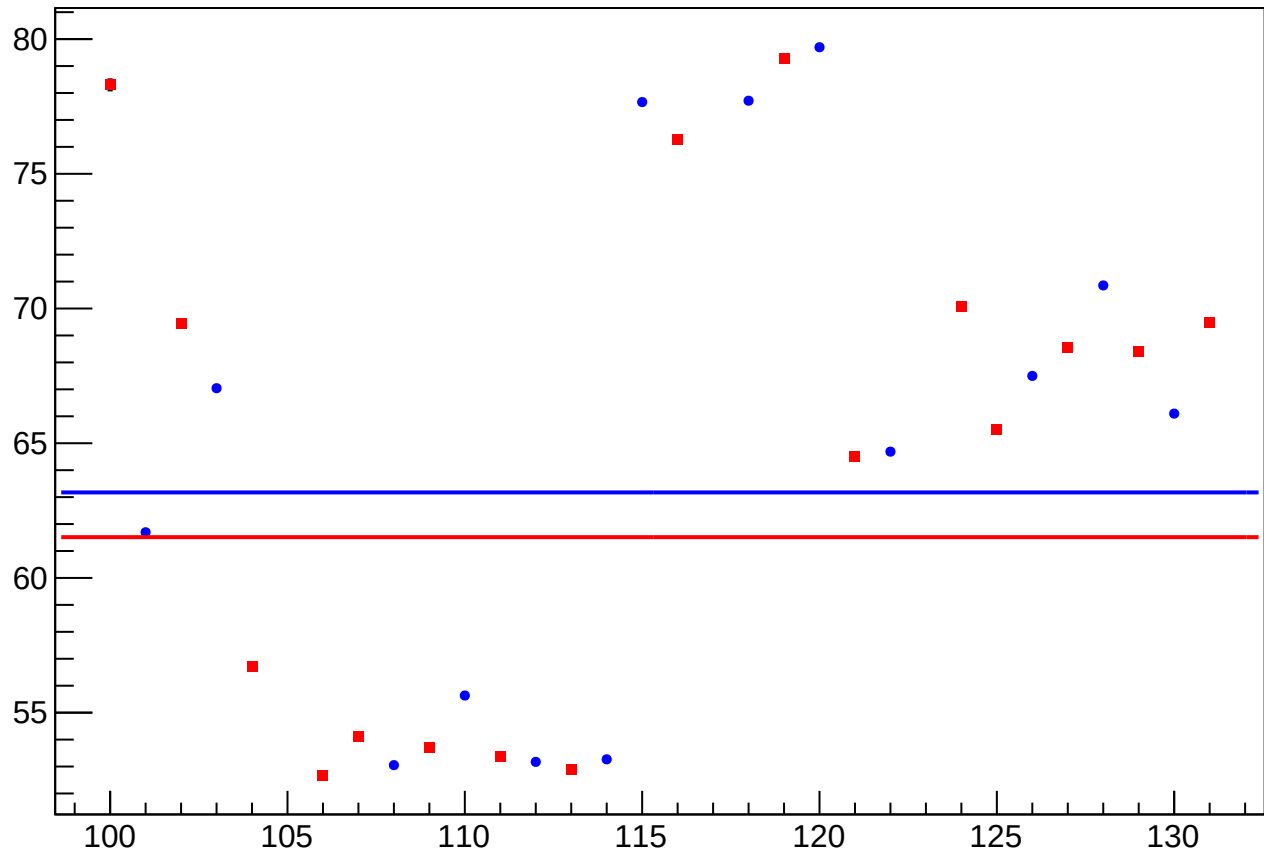
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.075 $\pm$ 18.299 χ^2 /NDF: 19.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_48_dd_rms vs Slug



Right In: 63.174+/-0.019 χ^2/NDF : 186257.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.514+/-0.018 χ^2/NDF : 241721.8/15

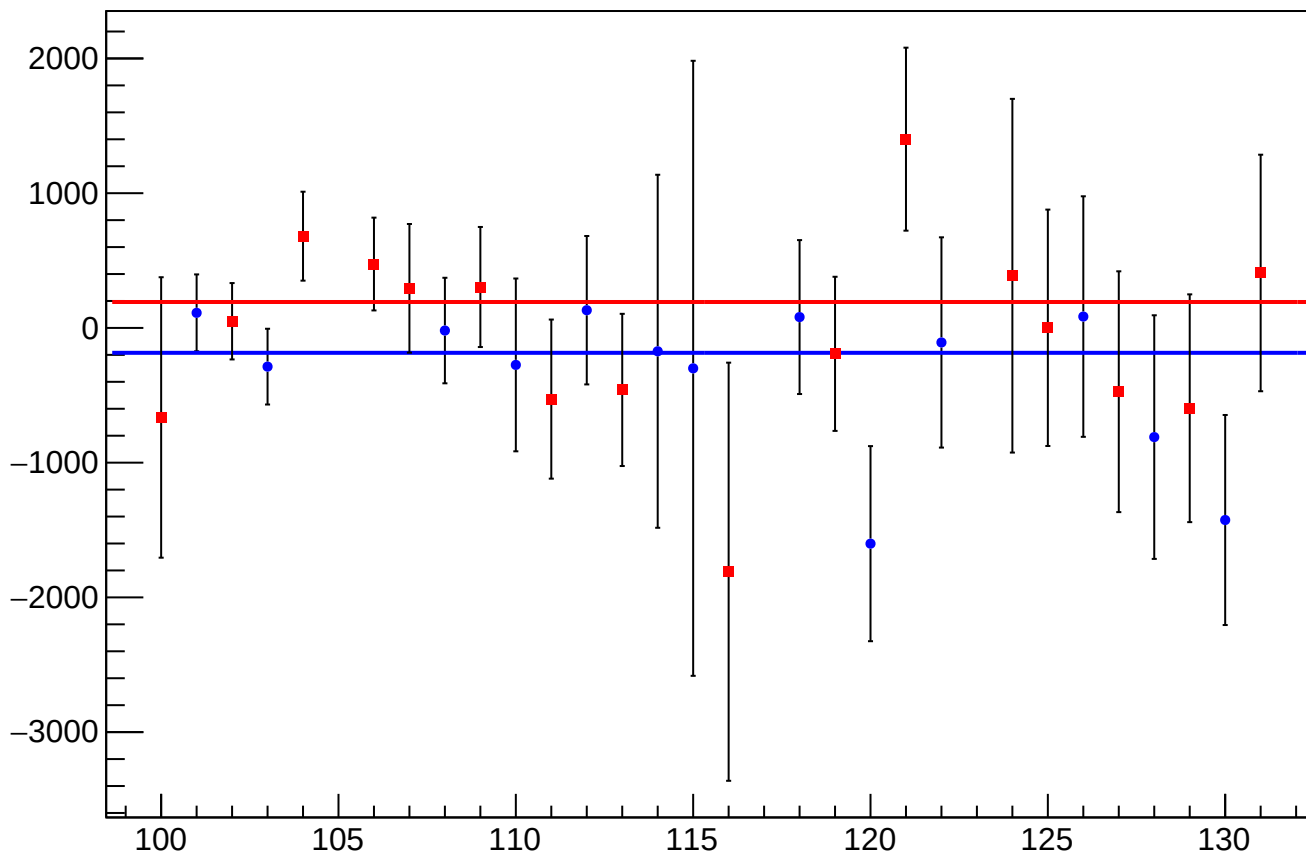
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.270+/-0.013 χ^2/NDF : 432060.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_reg_correction_mean vs Slug



Right In: -184.724+/-143.305 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 192.479+/-131.444 χ^2/NDF : 13.6/15

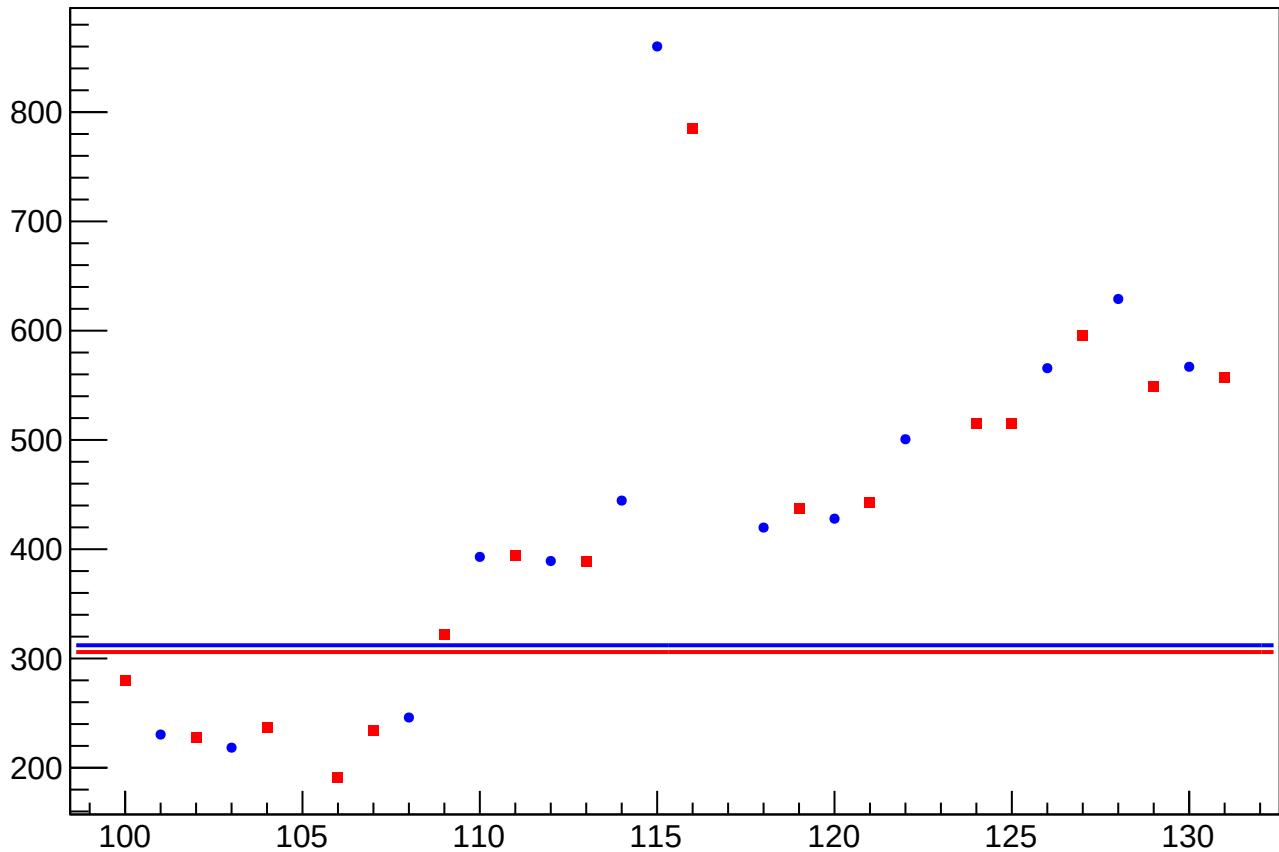
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.131+/-96.867 χ^2/NDF : 26.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_reg_correction_rms vs Slug



Right In: 312.089 $\pm$ 0.101 χ^2 /NDF: 1509836.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 305.887 $\pm$ 0.093 χ^2 /NDF: 1681376.7/15

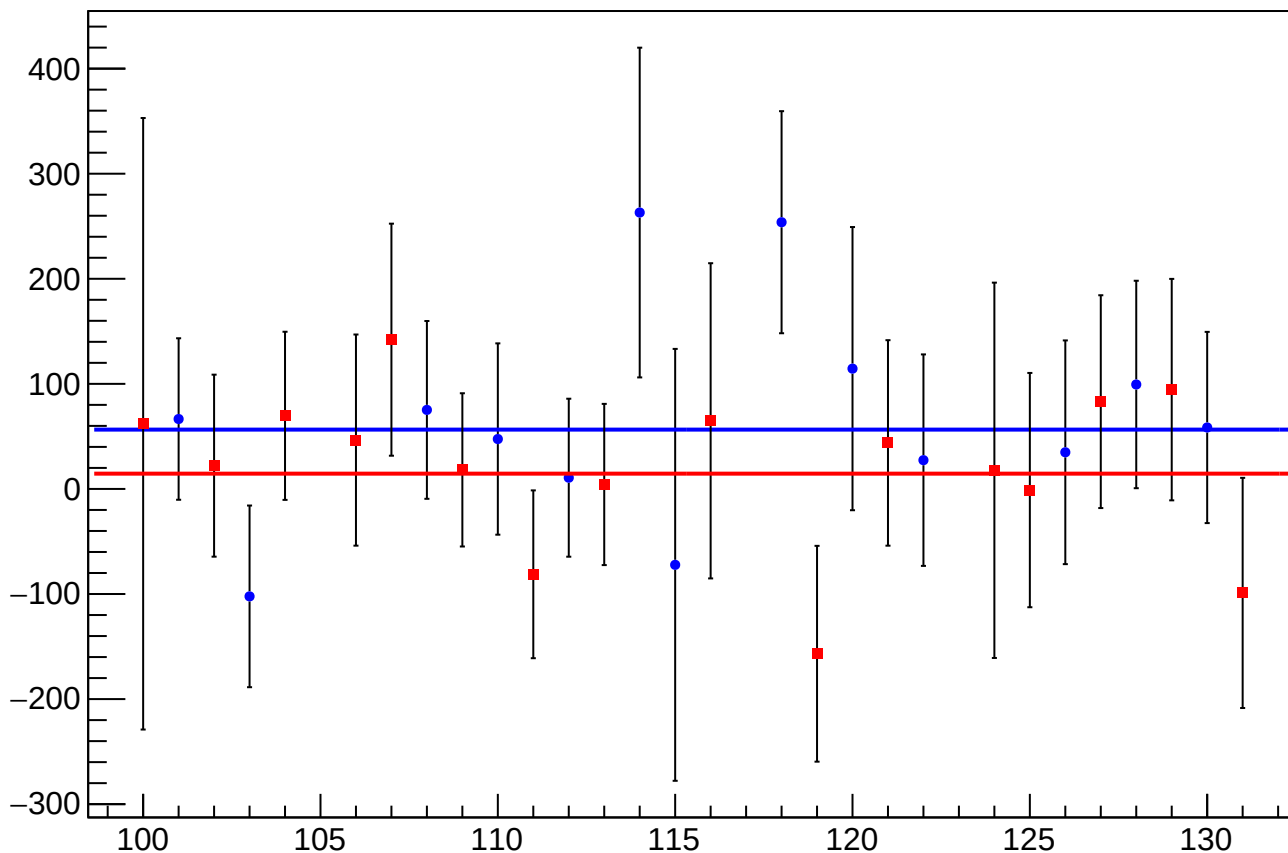
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 308.721 $\pm$ 0.068 χ^2 /NDF: 3193247.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_48_dd_mean vs Slug



Right In: 56.461 $\pm$ 27.119 χ^2 /NDF: 9.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.545 $\pm$ 24.816 χ^2 /NDF: 8.5/15

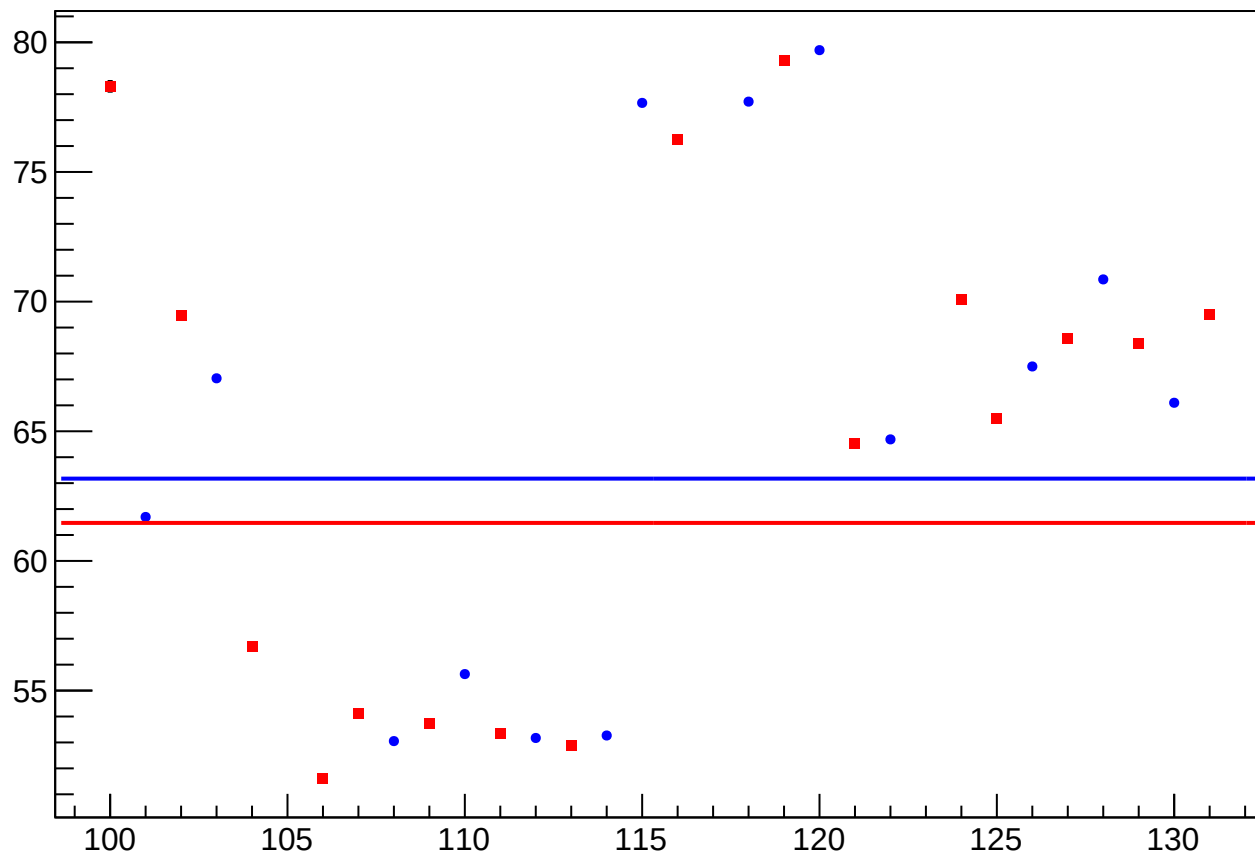
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.648 $\pm$ 18.308 χ^2 /NDF: 19.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_48_dd_rms vs Slug



Right In: 63.174 ± 0.019 χ^2/NDF : 186257.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 61.466 ± 0.018 χ^2/NDF : 245290.6/15

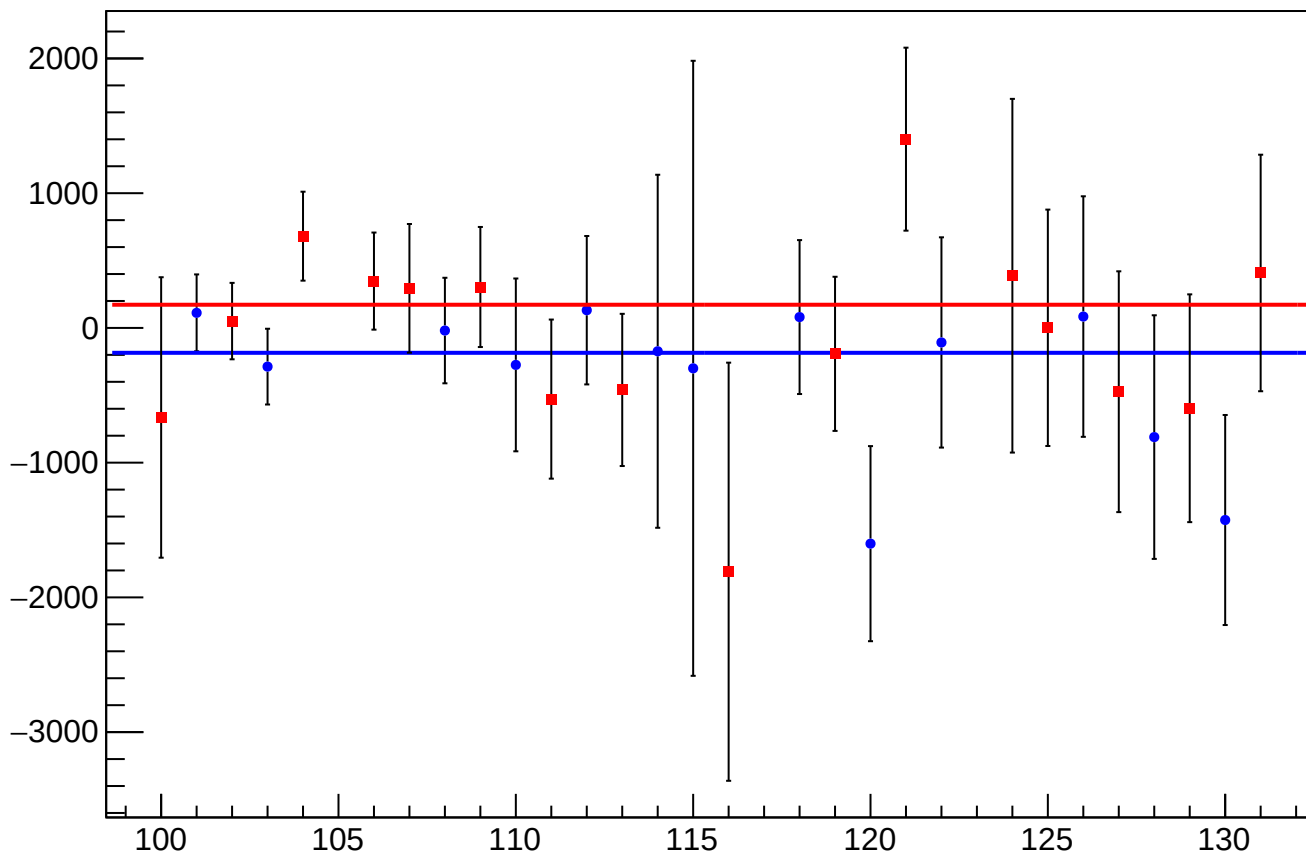
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 62.244 ± 0.013 χ^2/NDF : 435867.5/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_cor_correction_mean vs Slug



Right In: -184.706+/-143.306 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.092+/-132.304 χ^2/NDF : 13.1/15

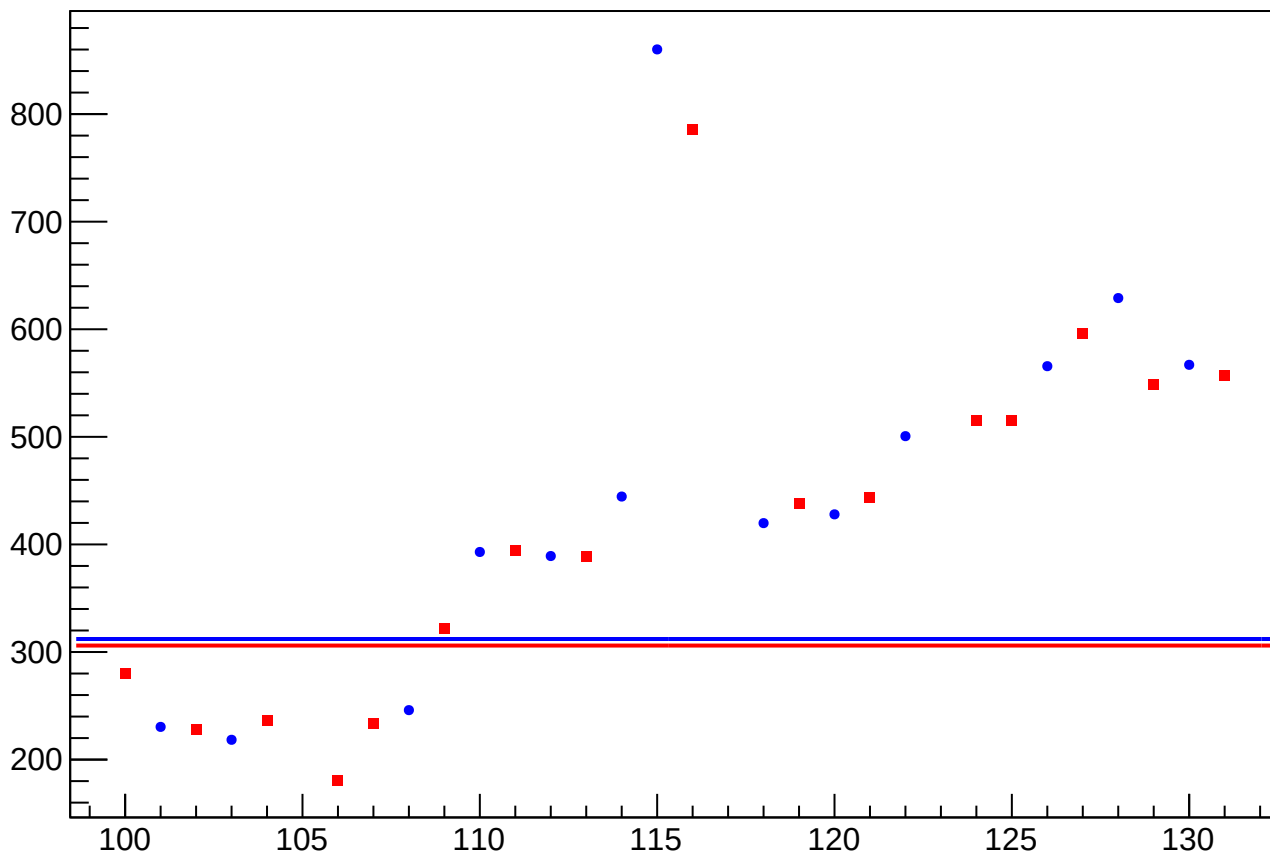
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.914+/-97.210 χ^2/NDF : 25.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_cor_correction_rms vs Slug



Right In: 312.093+/-0.101 χ^2/NDF : 1509785.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

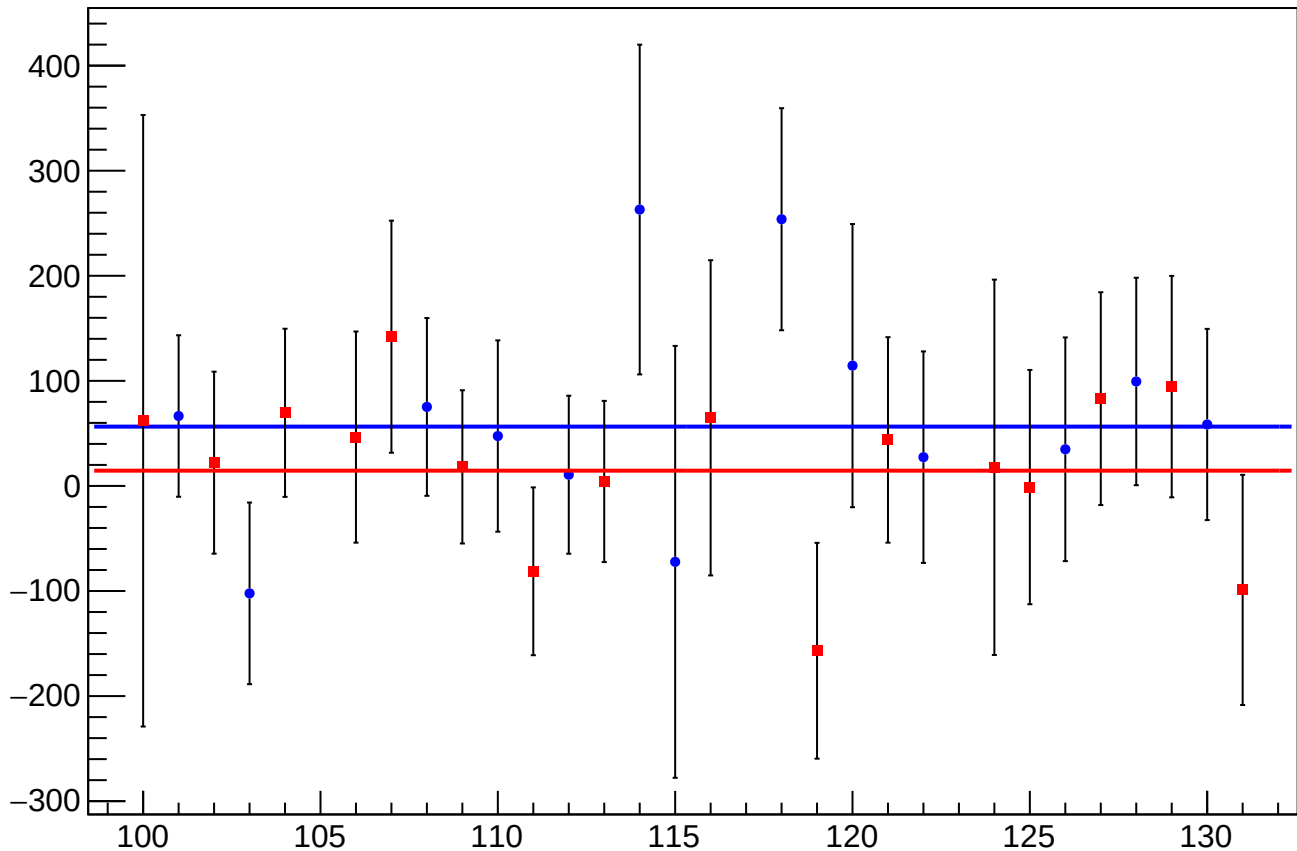
Right Out: 306.002+/-0.094 χ^2/NDF : 1700106.4/15

All: 308.805+/-0.069 χ^2/NDF : 3211841.9/28

- 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: 56.461 $\pm$ 27.119 χ^2 /NDF: 9.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.545 $\pm$ 24.816 χ^2 /NDF: 8.5/15

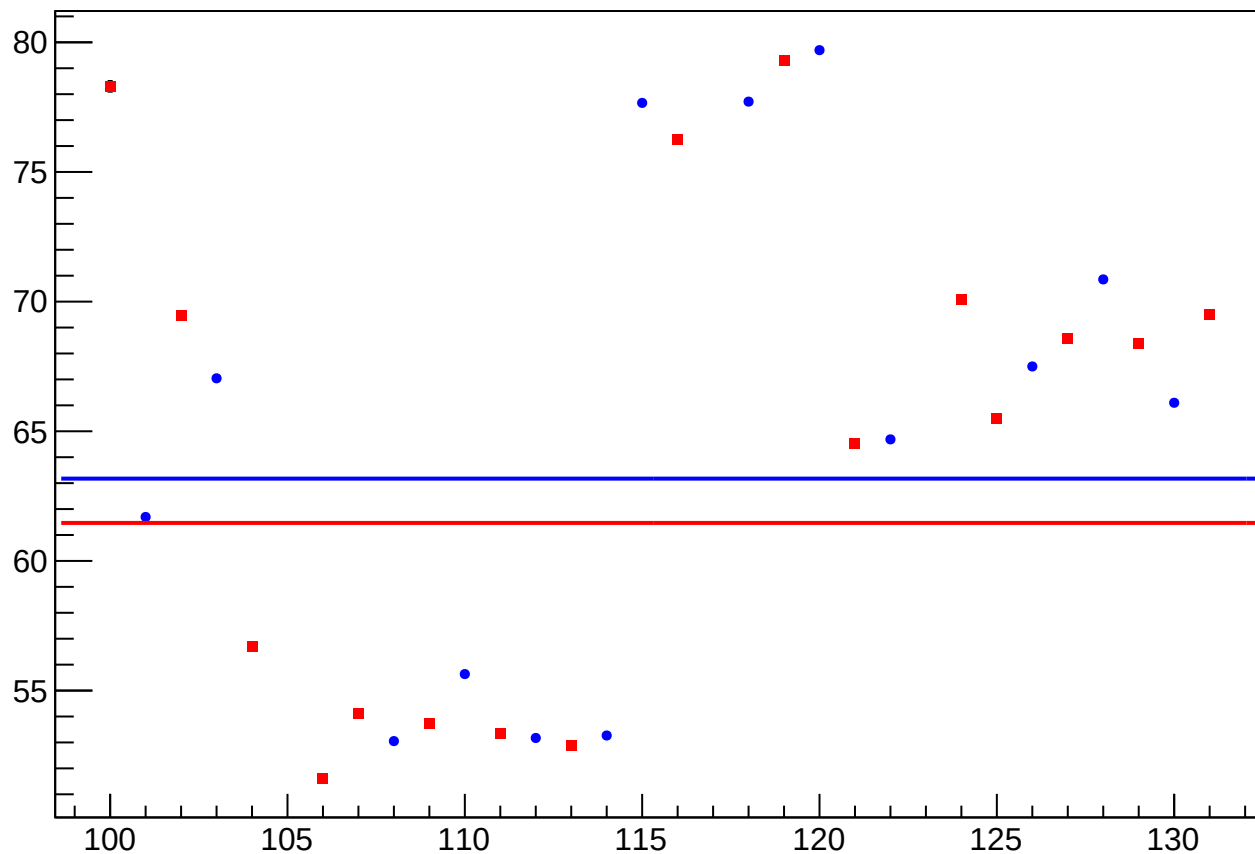
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.648 $\pm$ 18.308 χ^2 /NDF: 19.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_37_48_dd_rms vs Slug



Right In: 63.174 ± 0.019 χ^2/NDF : 186257.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 61.466 ± 0.018 χ^2/NDF : 245290.6/15

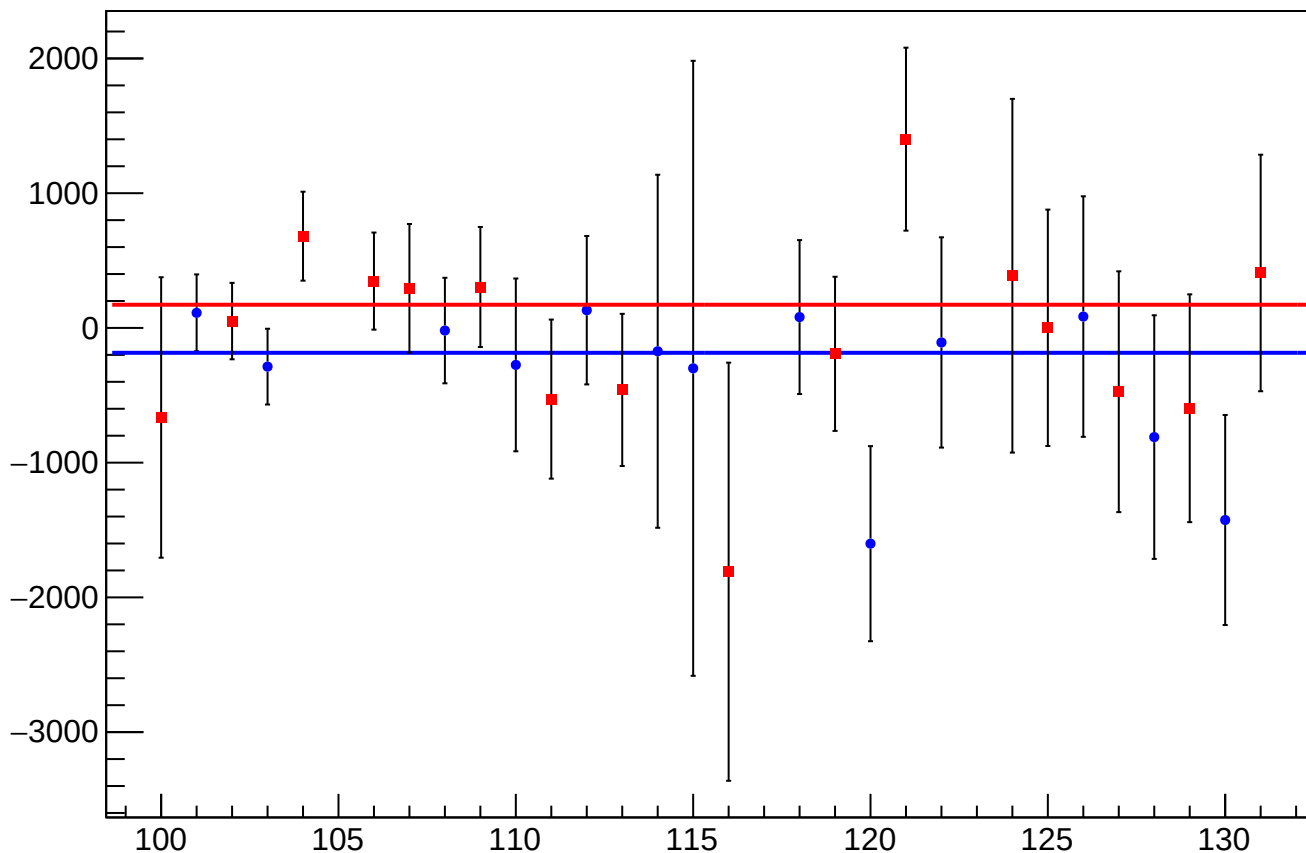
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 62.244 ± 0.013 χ^2/NDF : 435867.5/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_cor_correction_mean vs Slug



Right In: -184.706+/-143.306 χ^2/NDF : 8.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.092+/-132.304 χ^2/NDF : 13.1/15

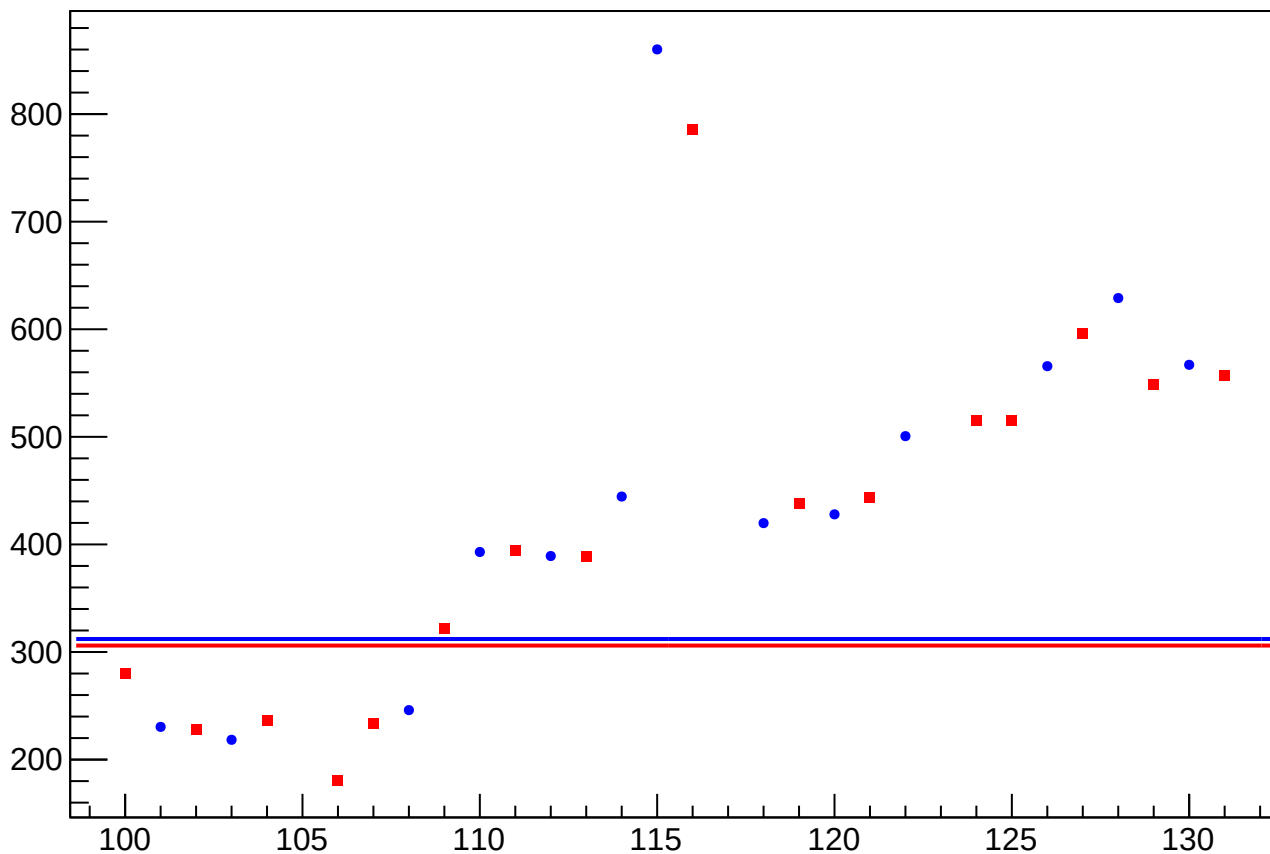
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.914+/-97.210 χ^2/NDF : 25.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_cor_correction_rms vs Slug



Right In: 312.093+/-0.101 χ^2/NDF : 1509785.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

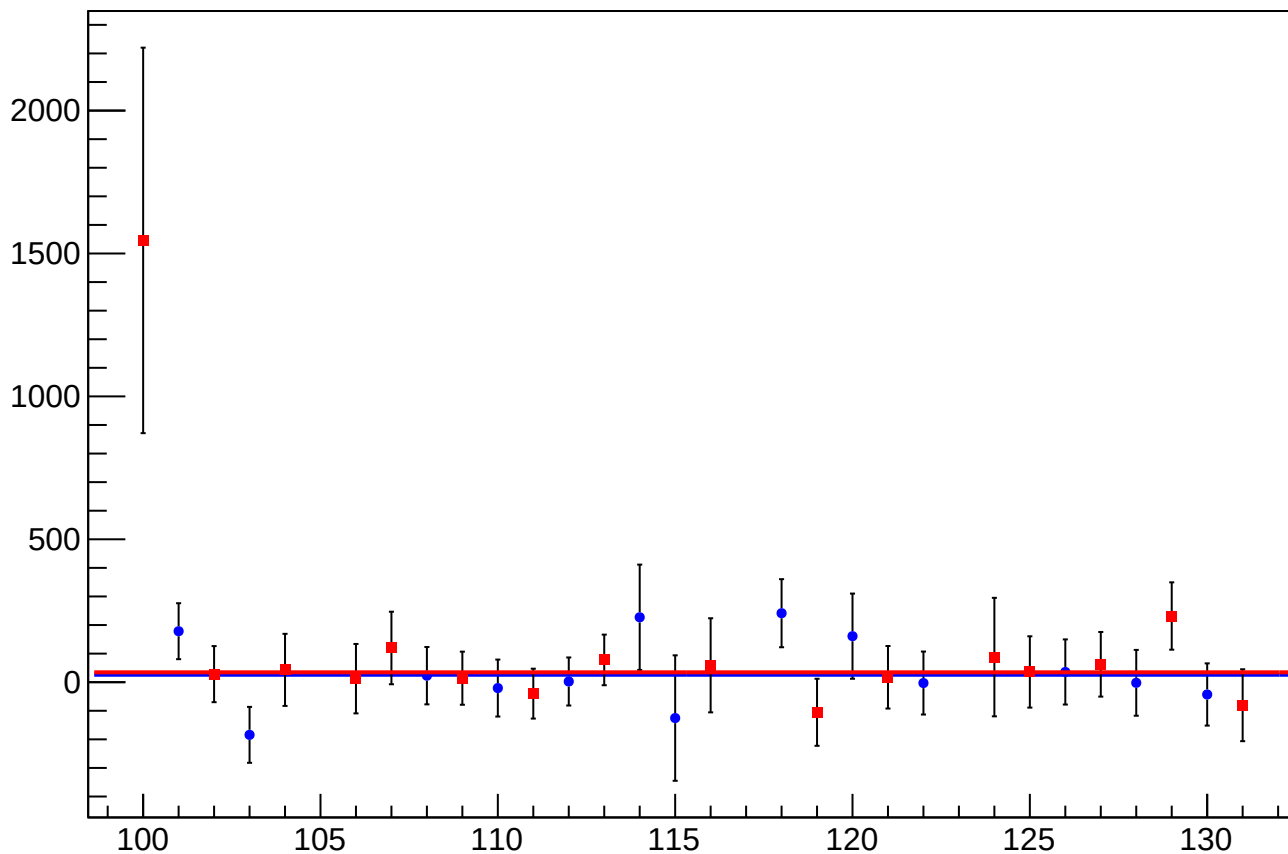
Right Out: 306.002+/-0.094 χ^2/NDF : 1700106.4/15

All: 308.805+/-0.069 χ^2/NDF : 3211841.9/28

- 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: 26.066 $\pm$ 31.082 χ^2 /NDF: 13.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 34.609 $\pm$ 29.267 χ^2 /NDF: 11.8/15

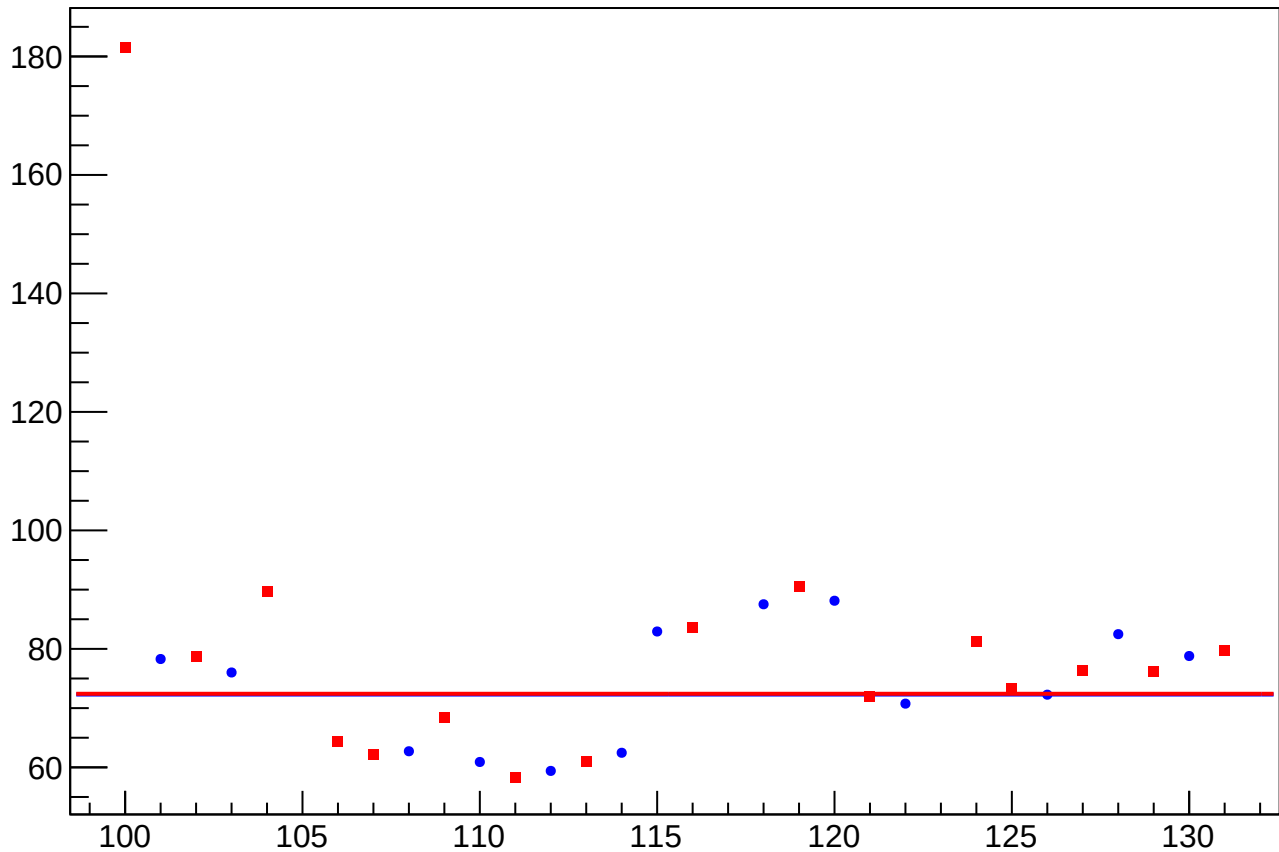
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.594 $\pm$ 21.308 χ^2 /NDF: 25.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_37_48_dd_rms vs Slug



Right In: 72.293+/-0.022 χ^2/NDF : 190605.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.419+/-0.021 χ^2/NDF : 281364.6/15

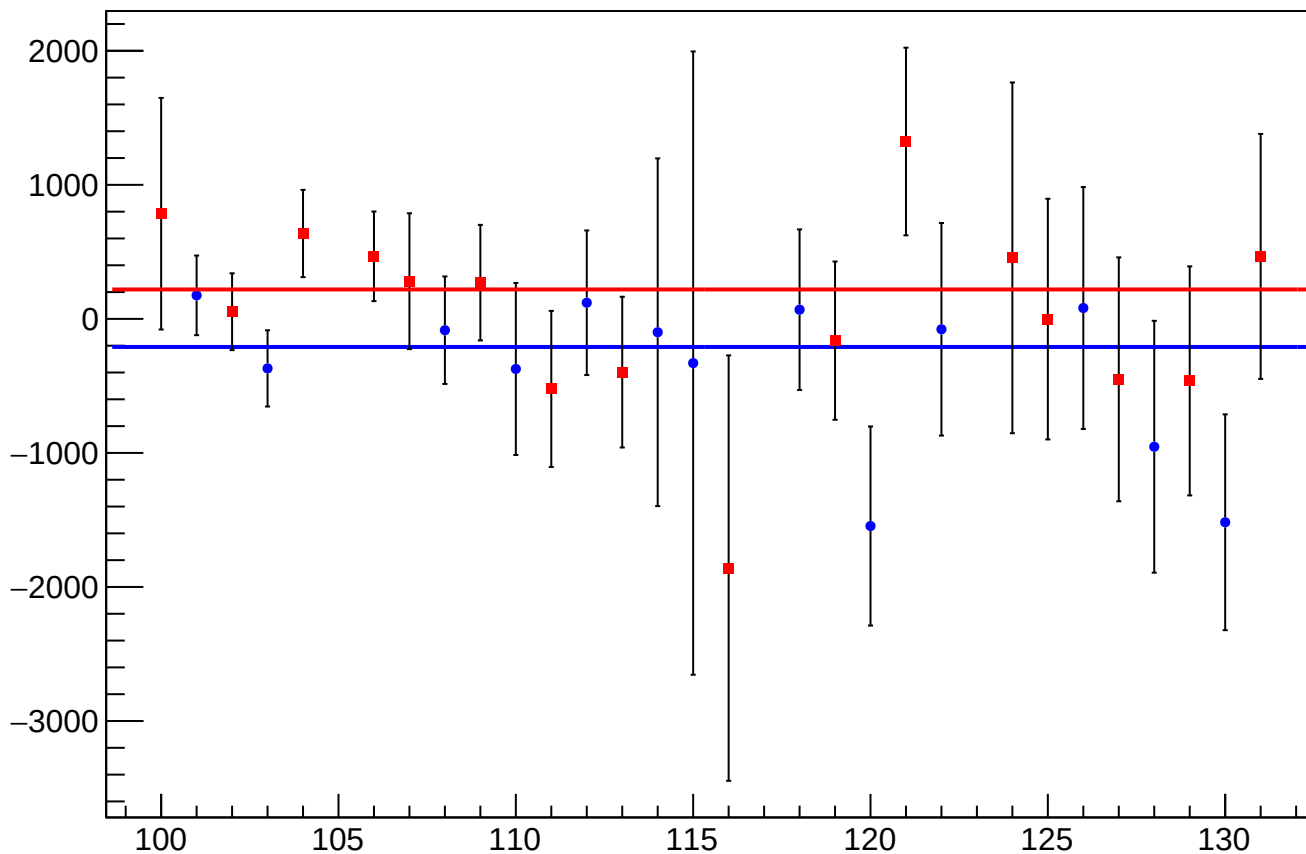
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.360+/-0.015 χ^2/NDF : 471987.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_dit_correction_mean vs Slug



Right In: -209.475+/-146.415 χ^2 /NDF: 9.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 219.564+/-131.083 χ^2 /NDF: 11.8/15

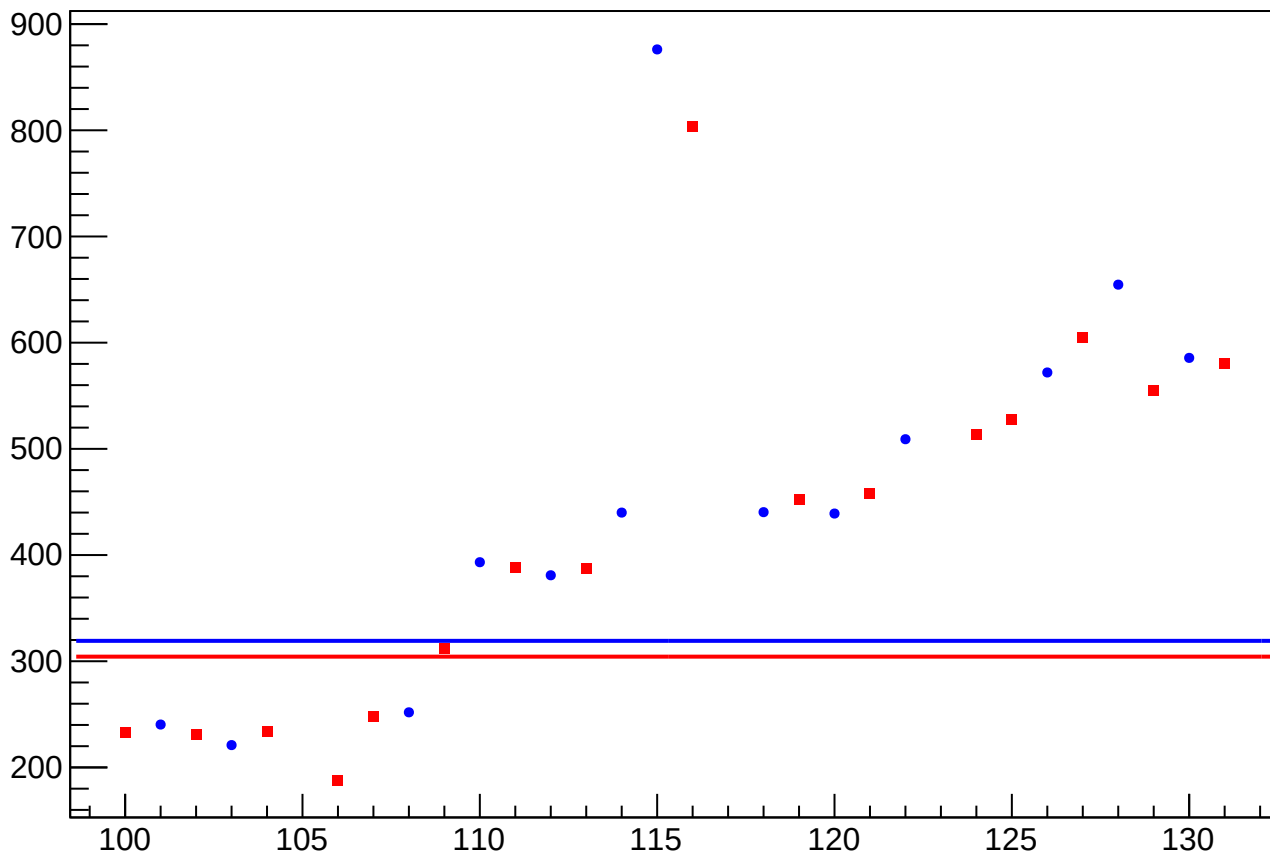
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 28.676+/-97.662 χ^2 /NDF: 25.9/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_dit_correction_rms vs Slug



Right In: 319.203 $\pm$ 0.104 χ^2 /NDF: 1499944.1/12

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

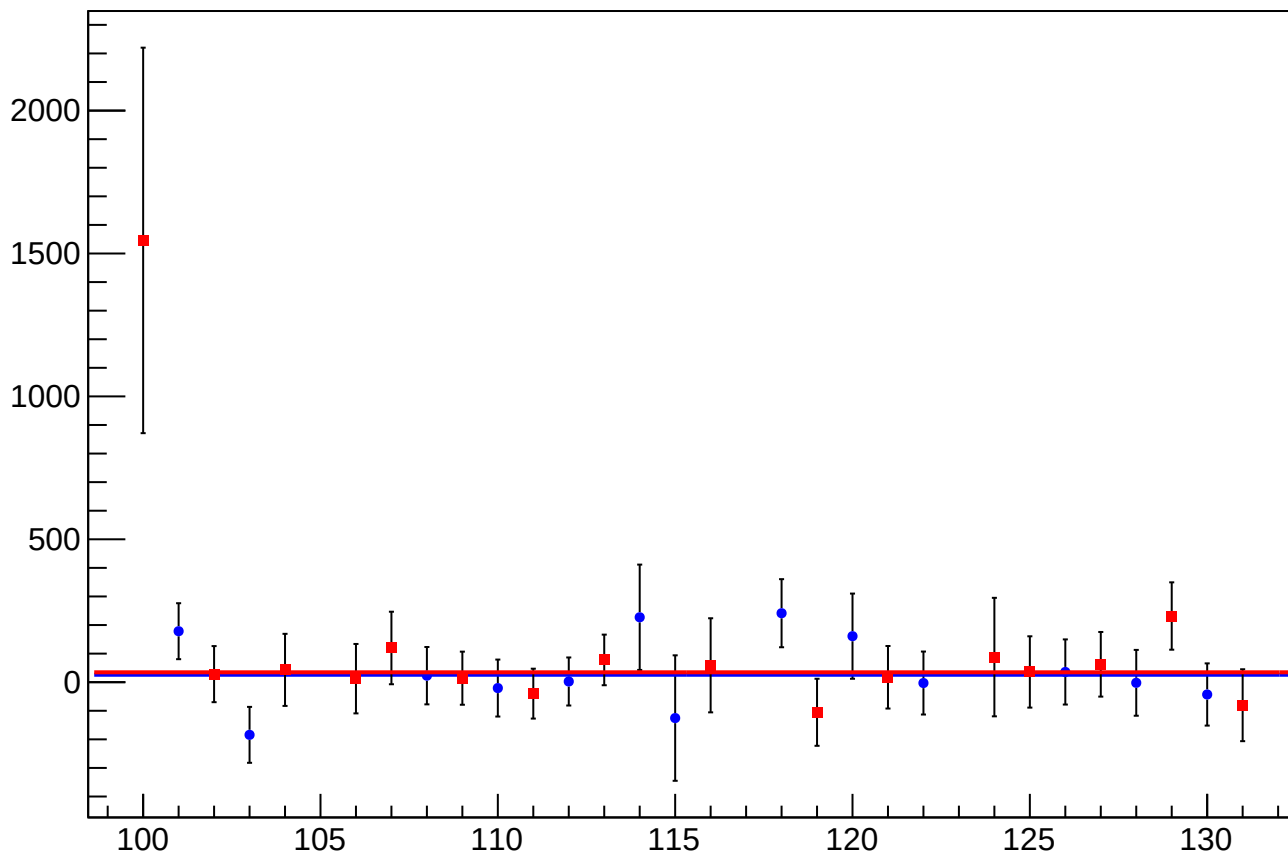
Right Out: 304.328 $\pm$ 0.093 χ^2 /NDF: 1762028.9/15

All: 310.946 $\pm$ 0.069 χ^2 /NDF: 3273432.4/28

- 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_37_48_dd_mean vs Slug



Right In: 26.066 $\pm$ 31.082 χ^2 /NDF: 13.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 34.610 $\pm$ 29.267 χ^2 /NDF: 11.8/15

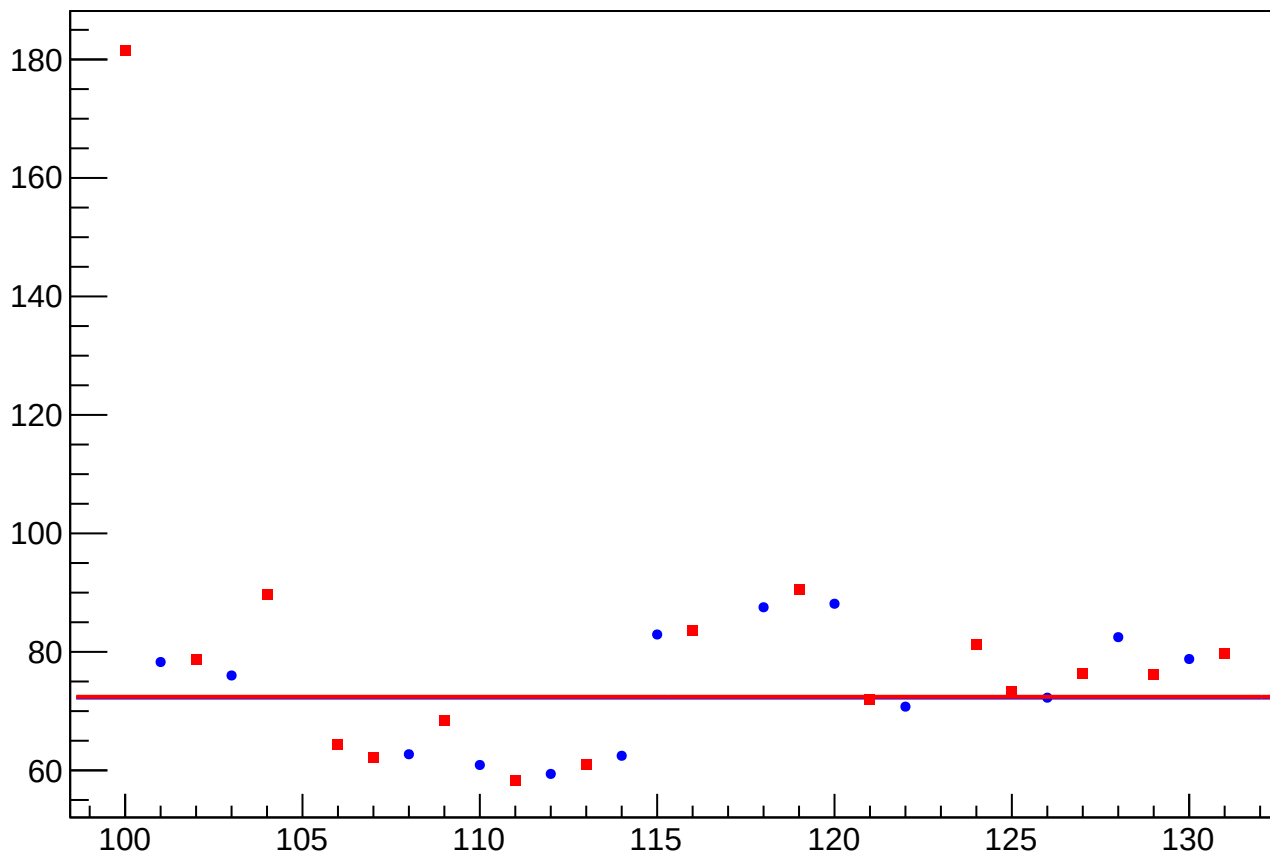
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.595 $\pm$ 21.308 χ^2 /NDF: 25.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_37_48_dd_rms vs Slug



Right In: 72.293+/-0.022 χ^2/NDF : 190604.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.420+/-0.021 χ^2/NDF : 281368.2/15

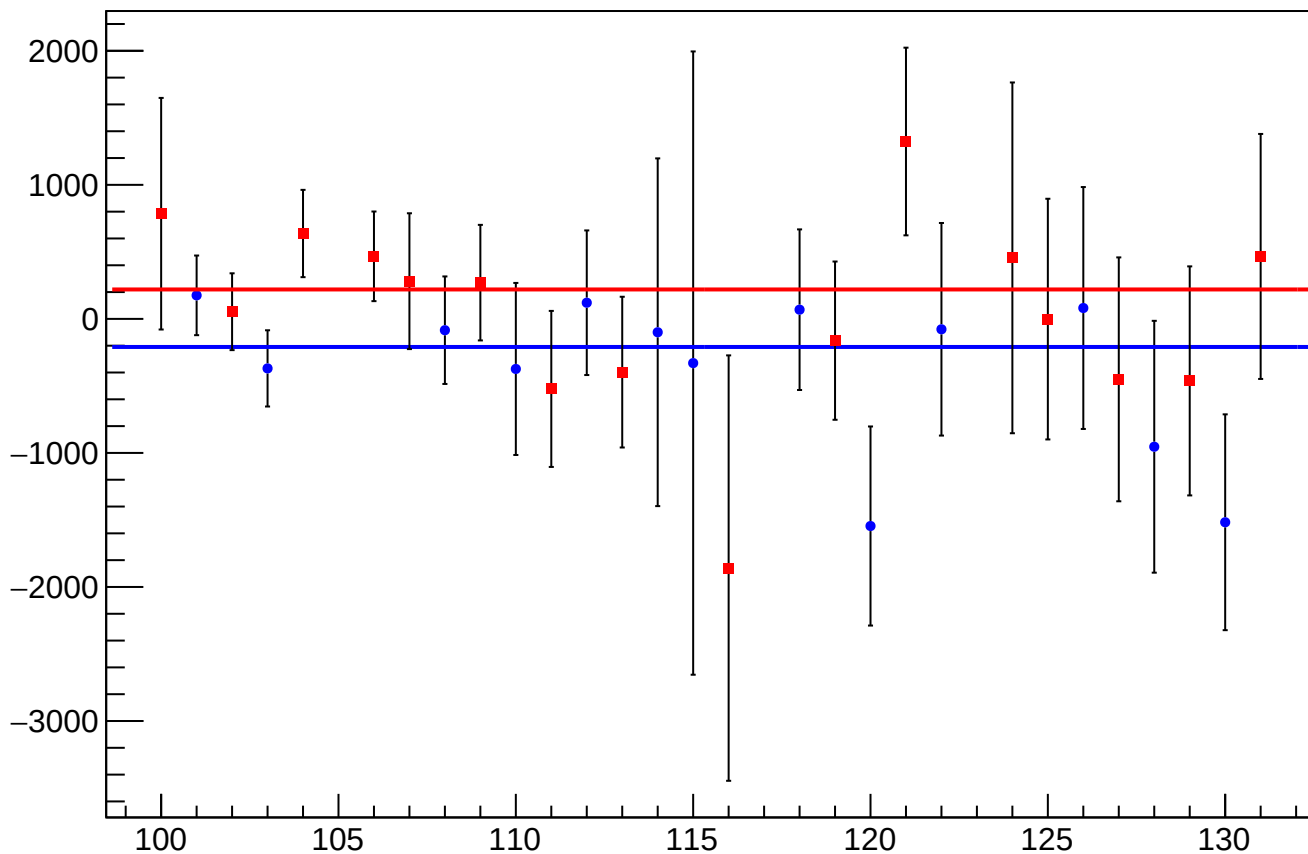
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.360+/-0.015 χ^2/NDF : 471990.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_dit_correction_mean vs Slug



Right In: -209.475+/-146.415 χ^2/NDF : 9.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 219.564+/-131.083 χ^2/NDF : 11.8/15

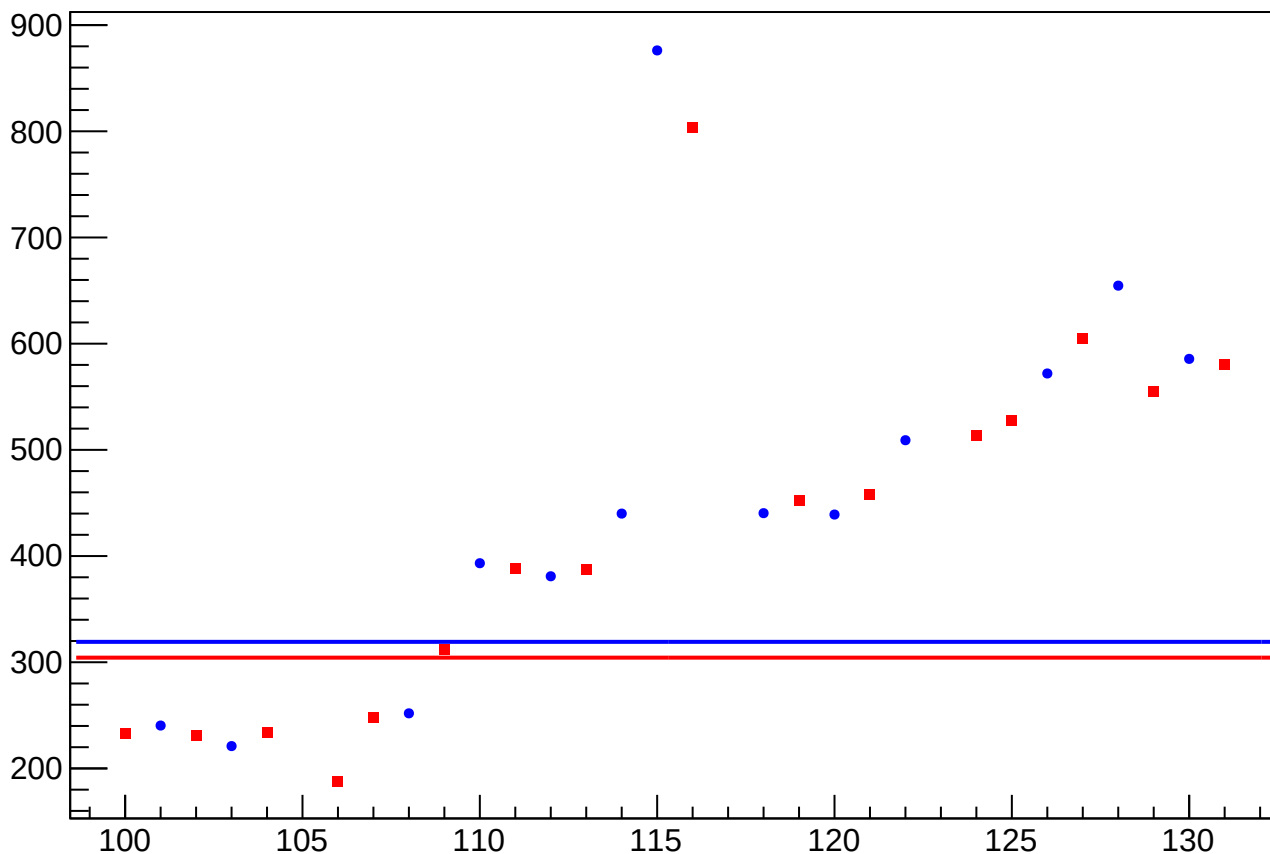
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.676+/-97.662 χ^2/NDF : 25.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_dit_correction_rms vs Slug



Right In: 319.203+/-0.104 χ^2/NDF : 1499944.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

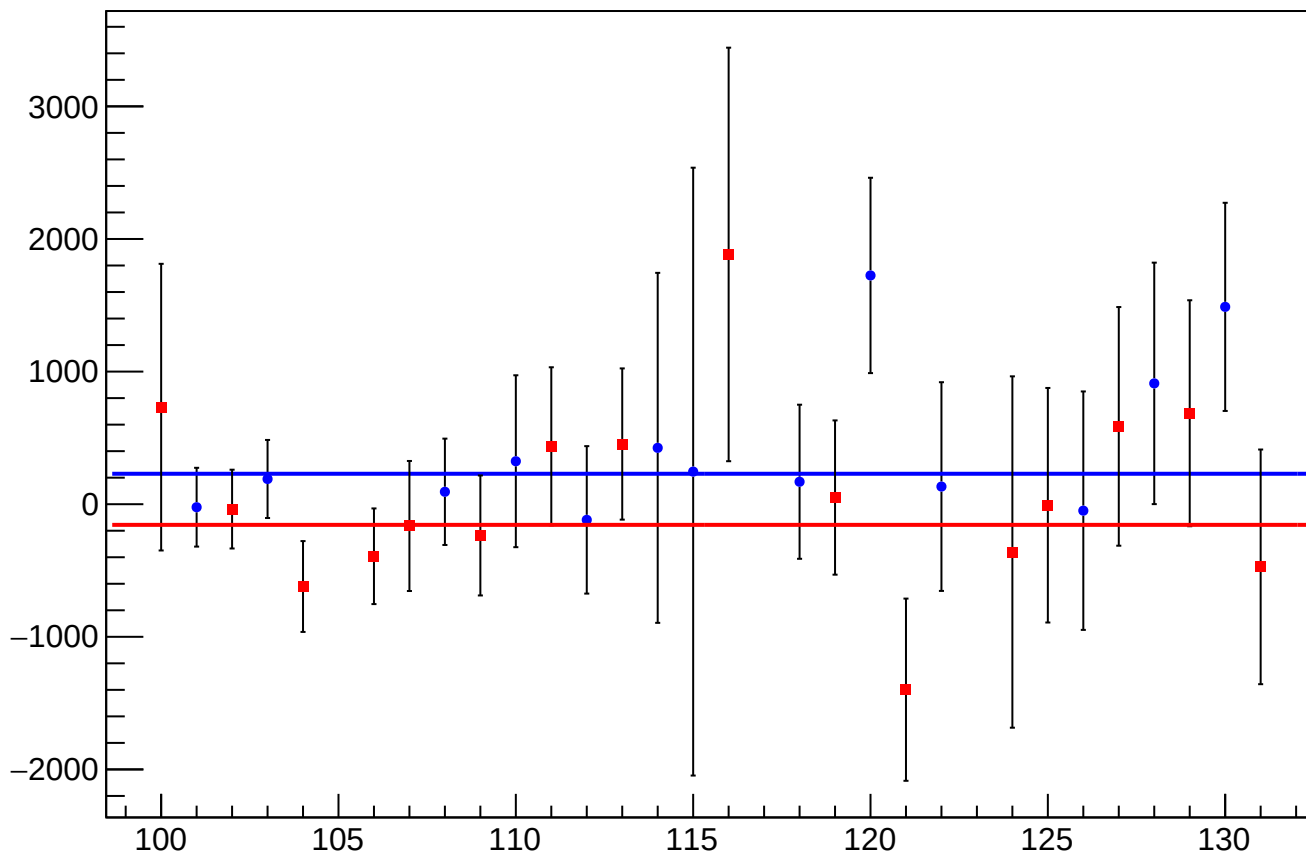
Right Out: 304.328+/-0.093 χ^2/NDF : 1762028.0/15

All: 310.946+/-0.069 χ^2/NDF : 3273432.3/28

- 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: 229.551 $\pm$ 147.505 χ^2 /NDF: 8.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -155.787 $\pm$ 135.382 χ^2 /NDF: 12.2/15

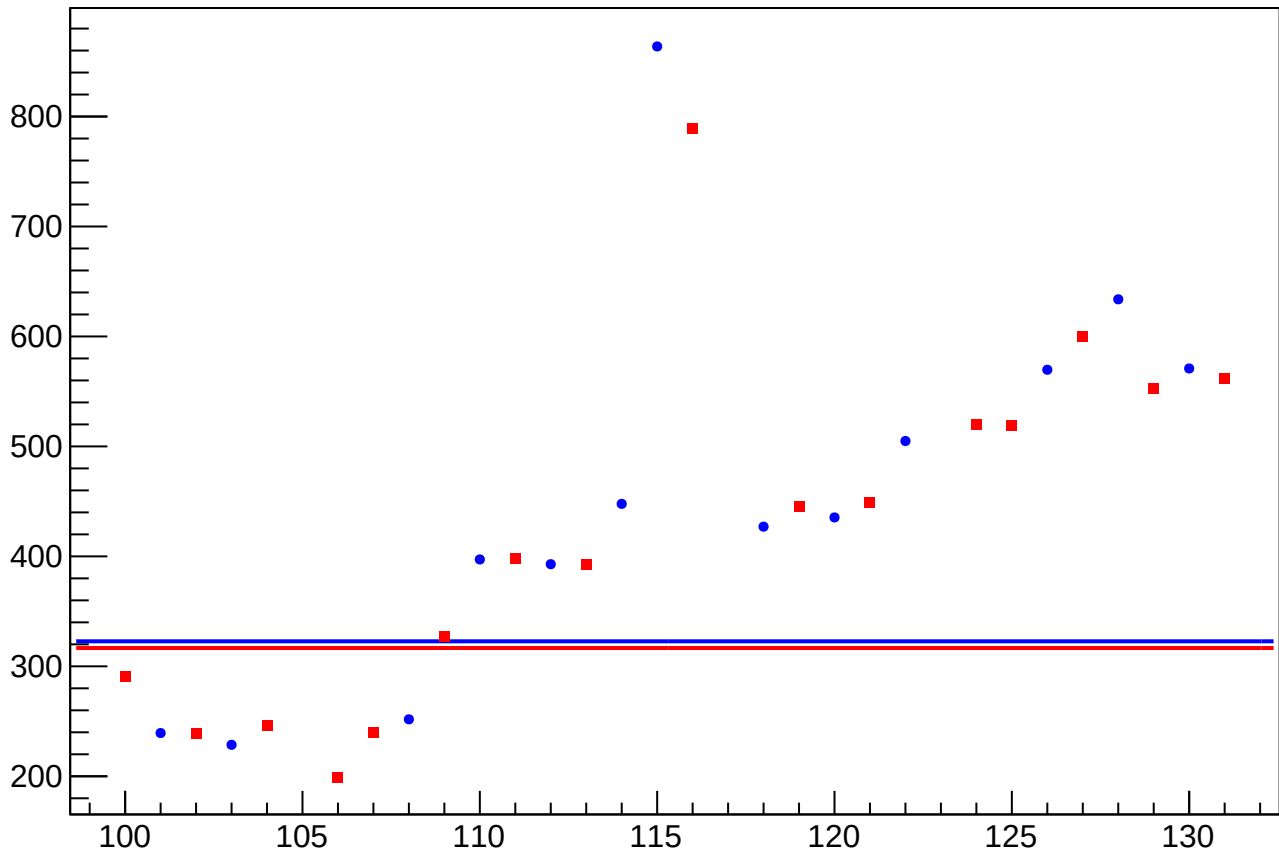
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.399 $\pm$ 99.741 χ^2 /NDF: 24.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_rms vs Slug



Right In: 322.763+/-0.104 χ^2/NDF : 1414973.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

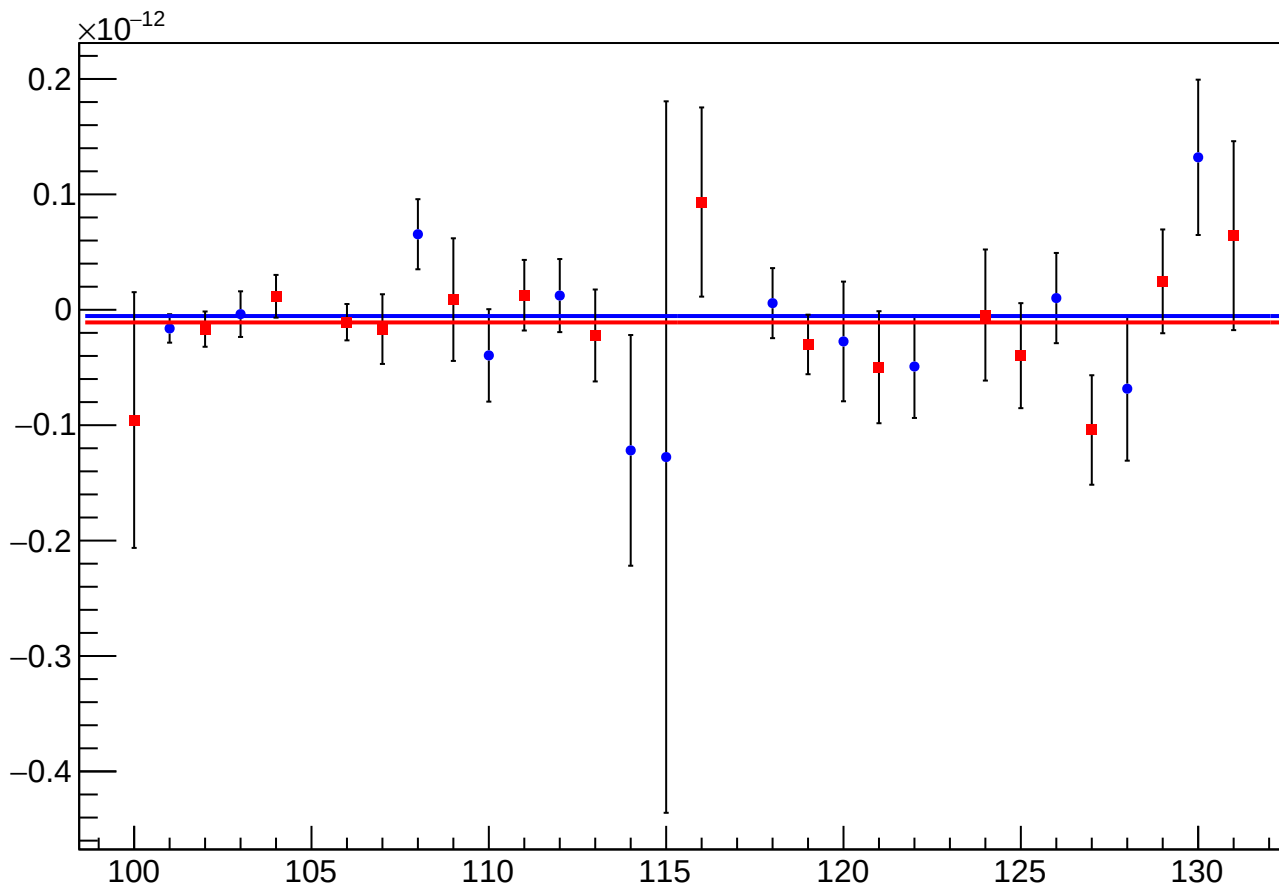
Right Out: 316.651+/-0.096 χ^2/NDF : 1571674.3/15

All: 319.446+/-0.071 χ^2/NDF : 2988510.9/28

- 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_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 15.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 11.6/15

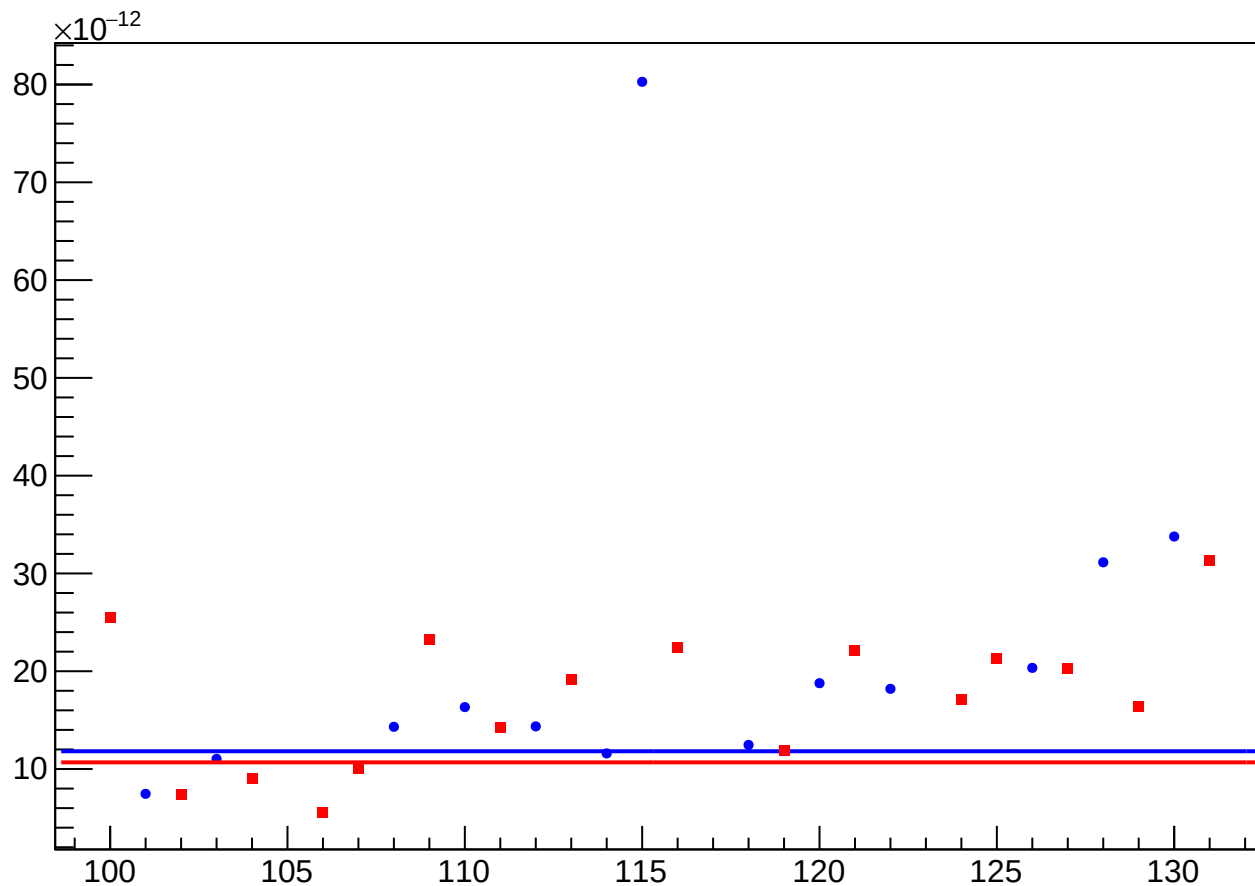
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 27.3/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 981485.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1122488.6/15

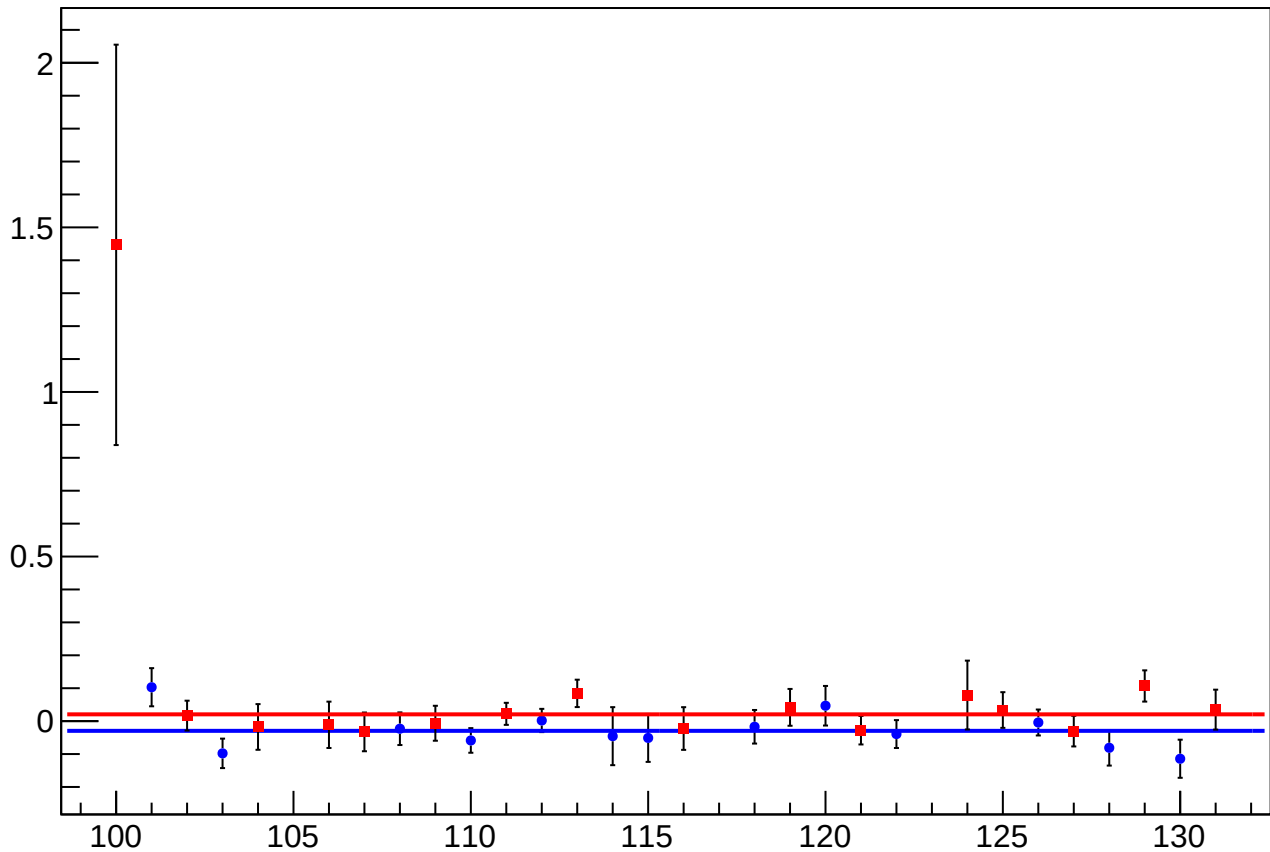
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2125318.7/28

- 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: -0.030 ± 0.013 χ^2/NDF : 14.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.021 ± 0.013 χ^2/NDF : 16.2/15

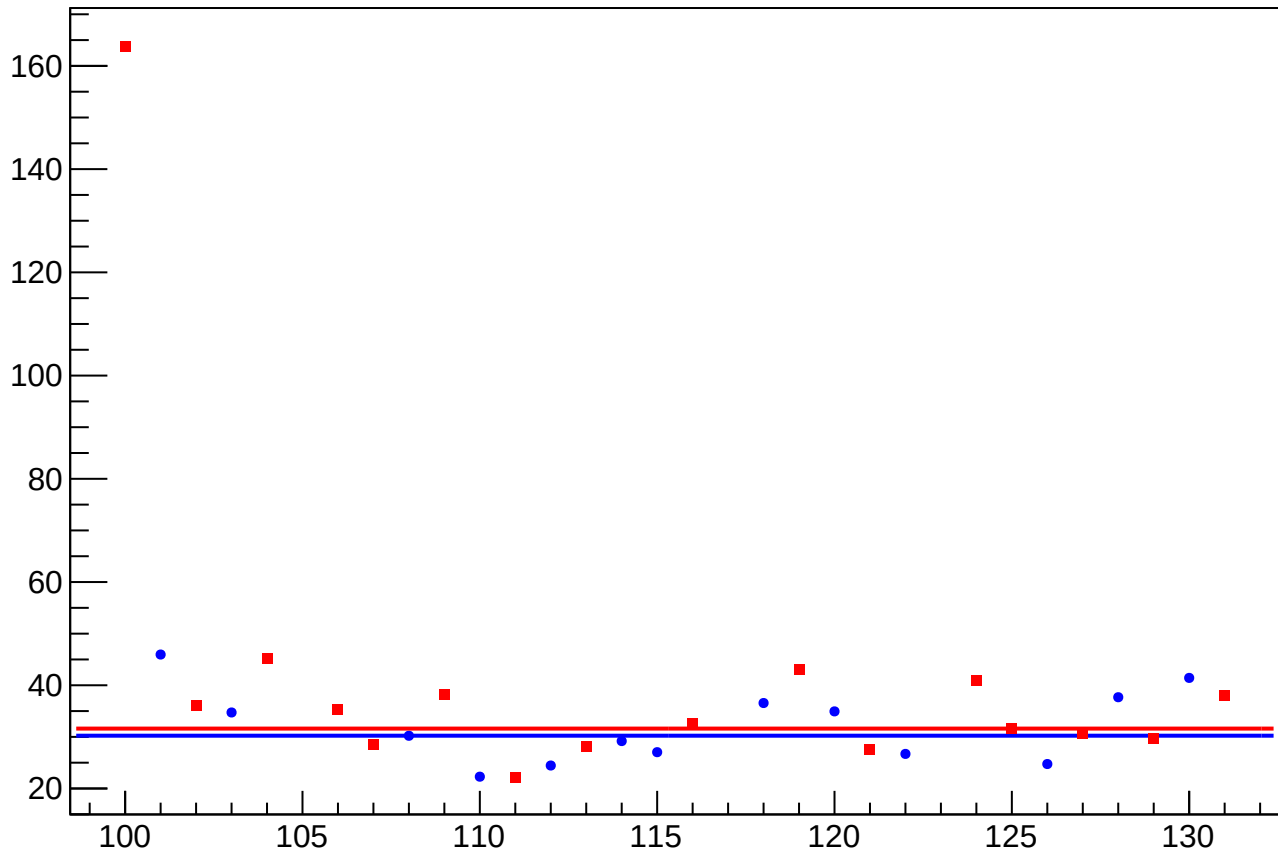
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.009 χ^2/NDF : 37.6/28

- 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: 30.230+/-0.009 χ^2/NDF : 523964.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.607+/-0.009 χ^2/NDF : 551280.1/15

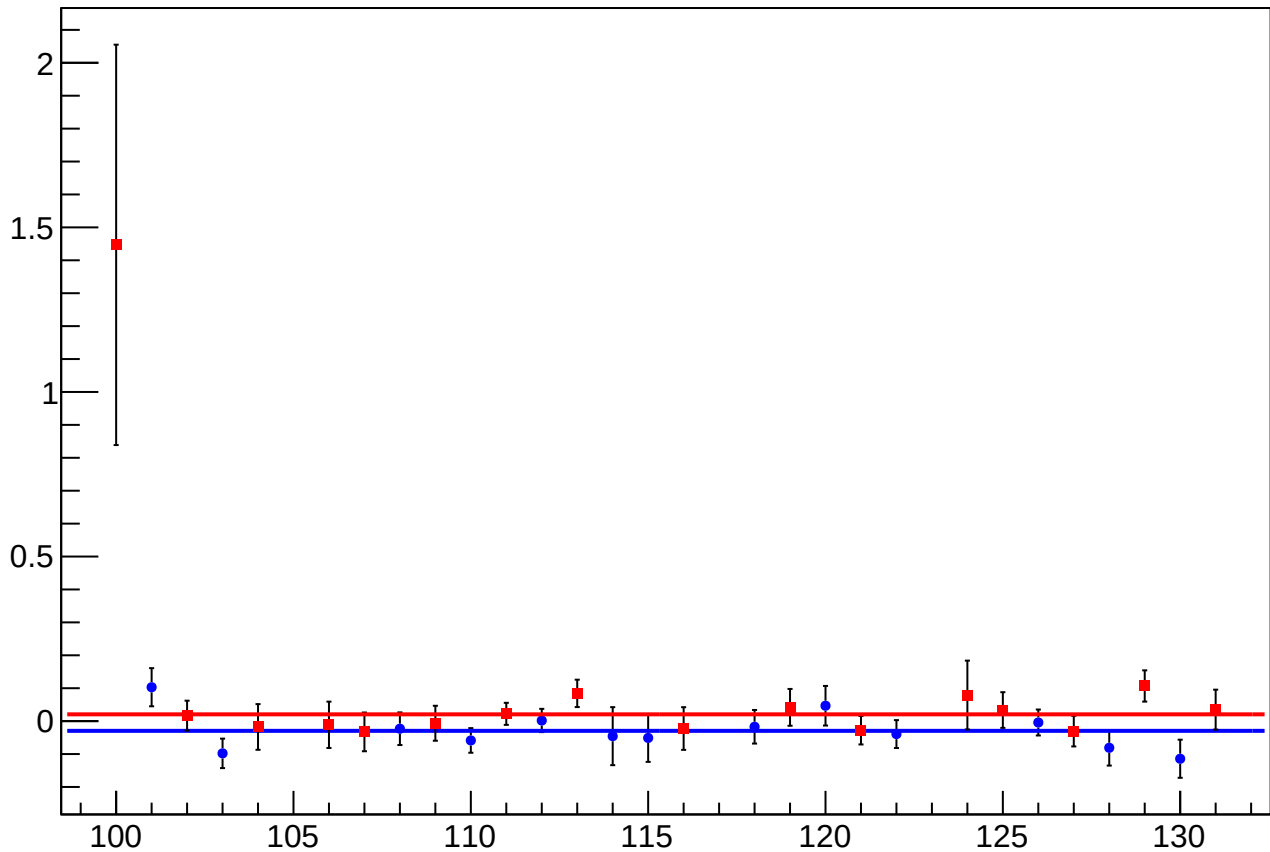
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.929+/-0.007 χ^2/NDF : 1085907.2/28

- 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: -0.030 $\pm$ 0.013 χ^2 /NDF: 14.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.021 $\pm$ 0.013 χ^2 /NDF: 16.2/15

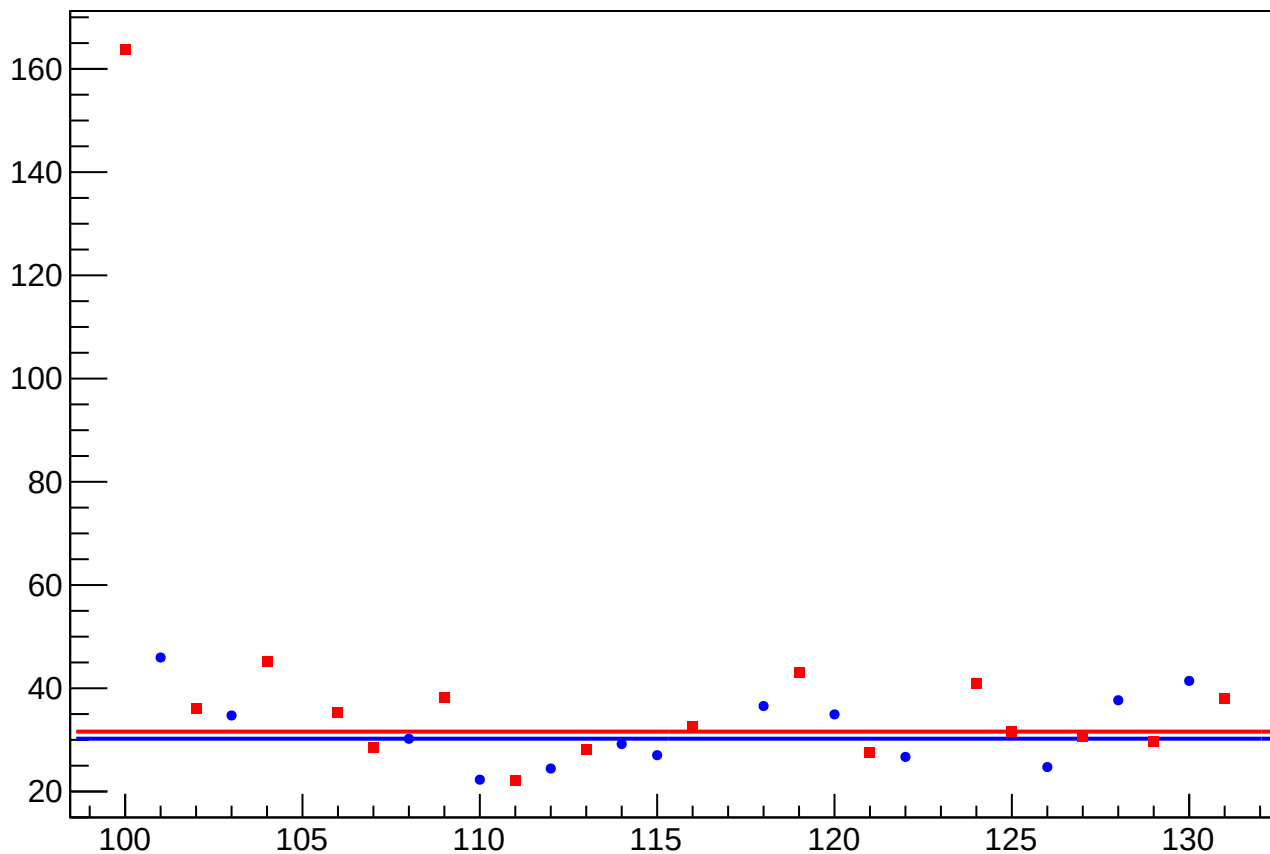
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.004 $\pm$ 0.009 χ^2 /NDF: 37.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 30.230 $\pm$ 0.009 χ^2 /NDF: 523964.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.607 $\pm$ 0.009 χ^2 /NDF: 551280.1/15

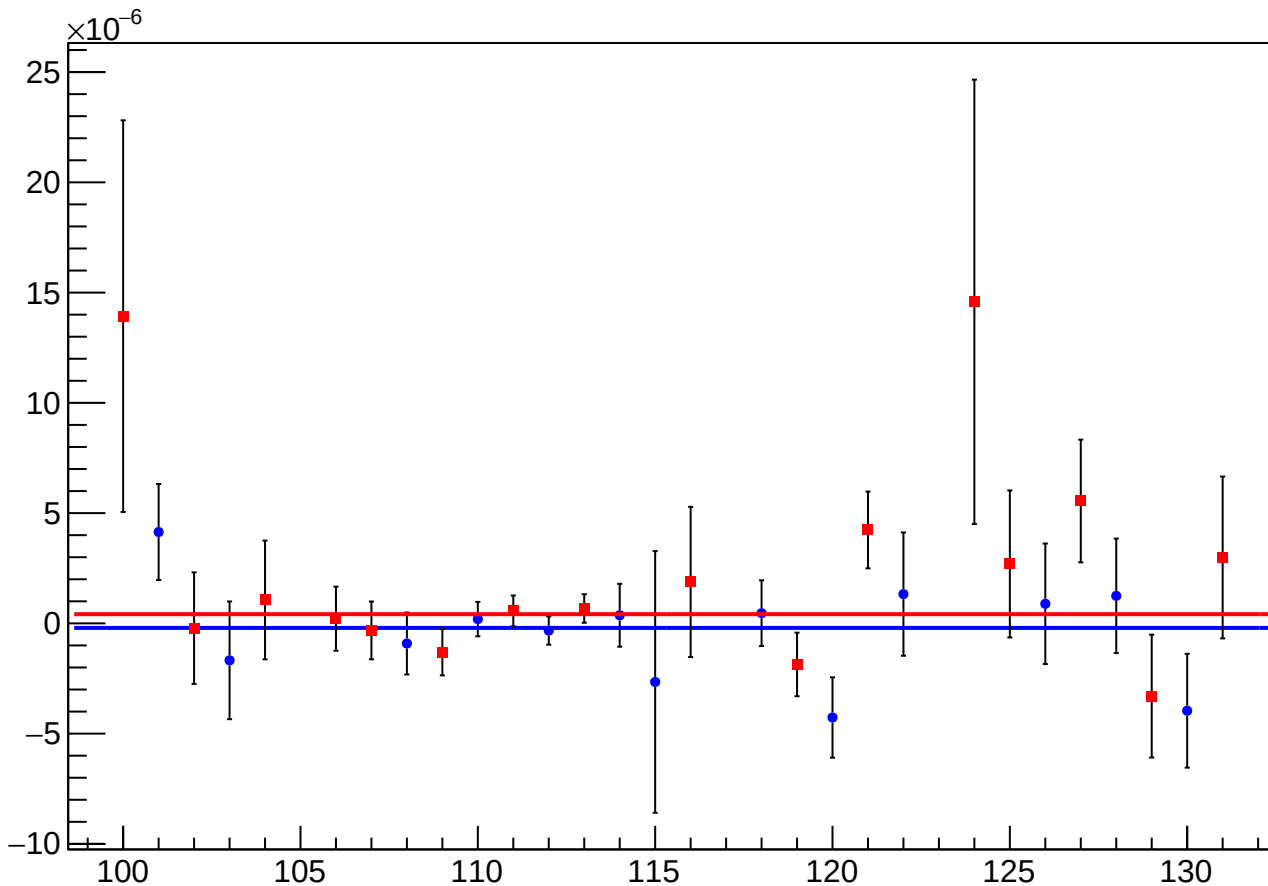
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.929 $\pm$ 0.007 χ^2 /NDF: 1085907.2/28

- 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 : 13.2/12

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

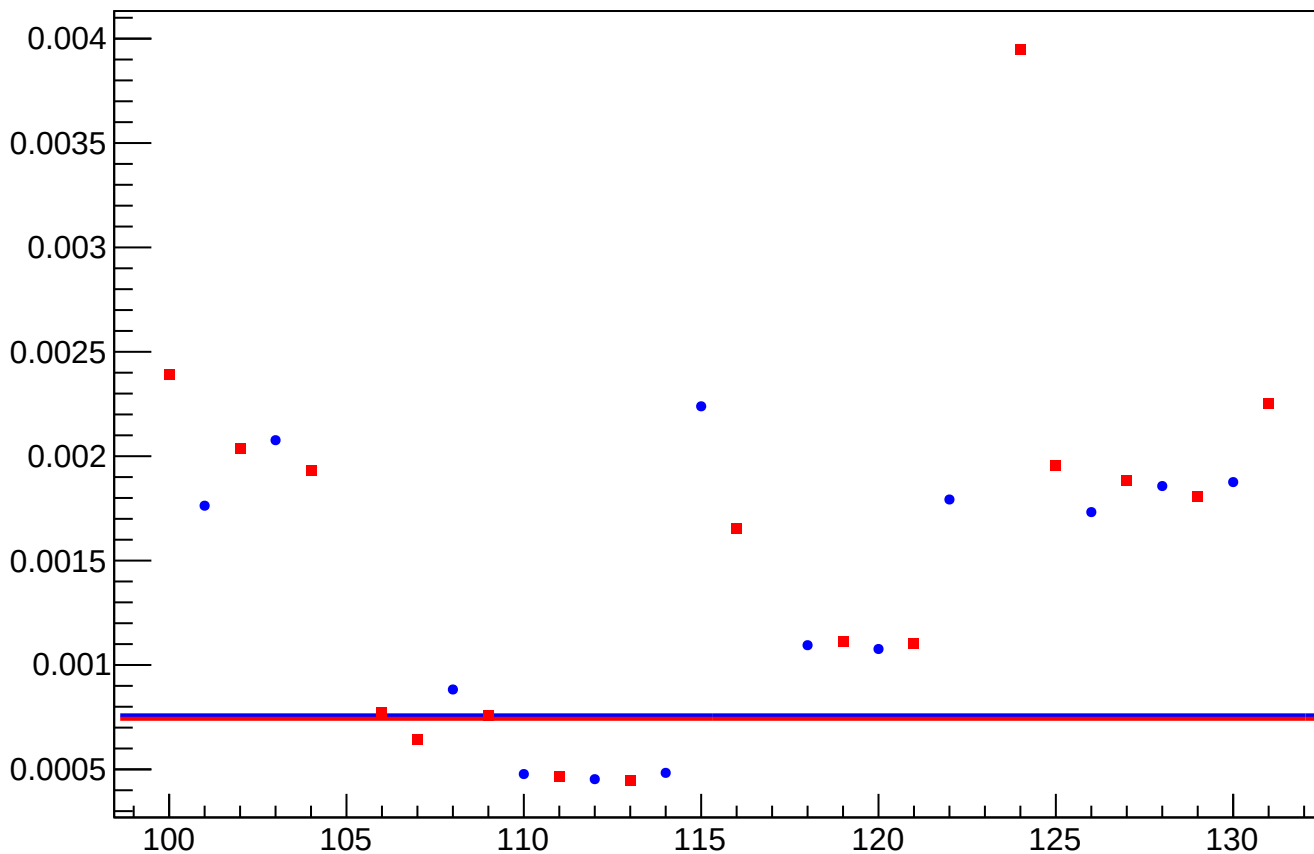
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 35.9/28

- 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 : 3264738.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3524127.7/15

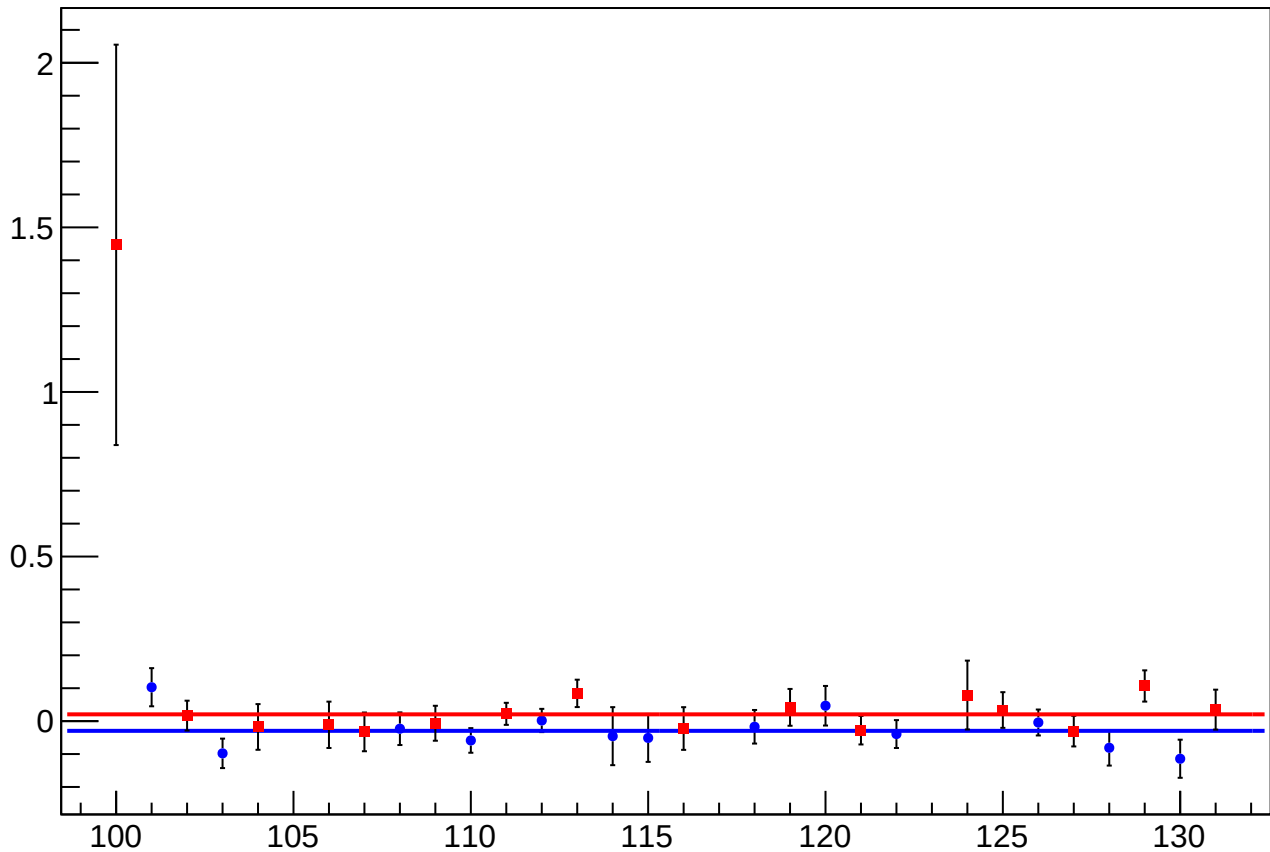
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6790877.6/28

- 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: -0.030 ± 0.013 χ^2/NDF : 14.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.021 ± 0.013 χ^2/NDF : 16.2/15

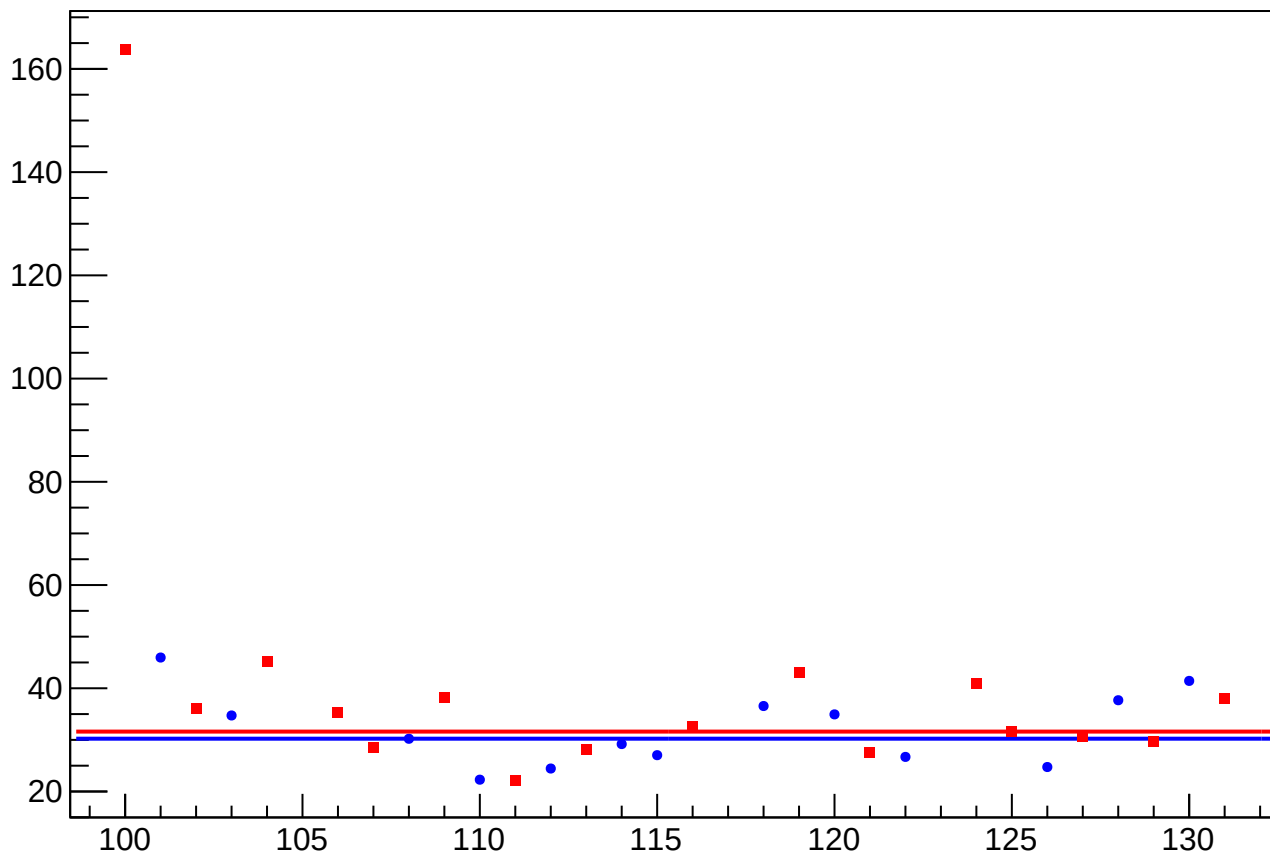
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.009 χ^2/NDF : 37.6/28

- 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: 30.230+/-0.009 χ^2/NDF : 523944.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.607+/-0.009 χ^2/NDF : 551280.3/15

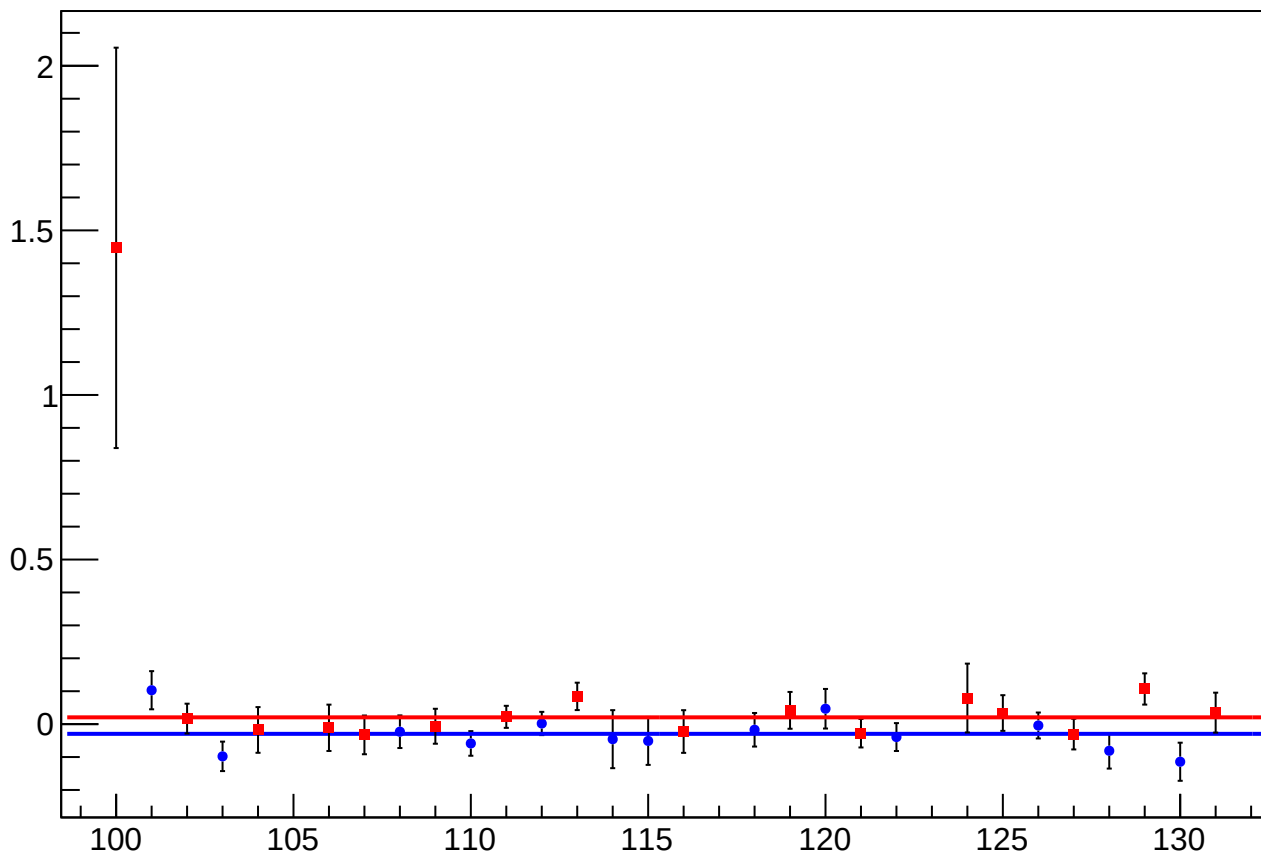
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

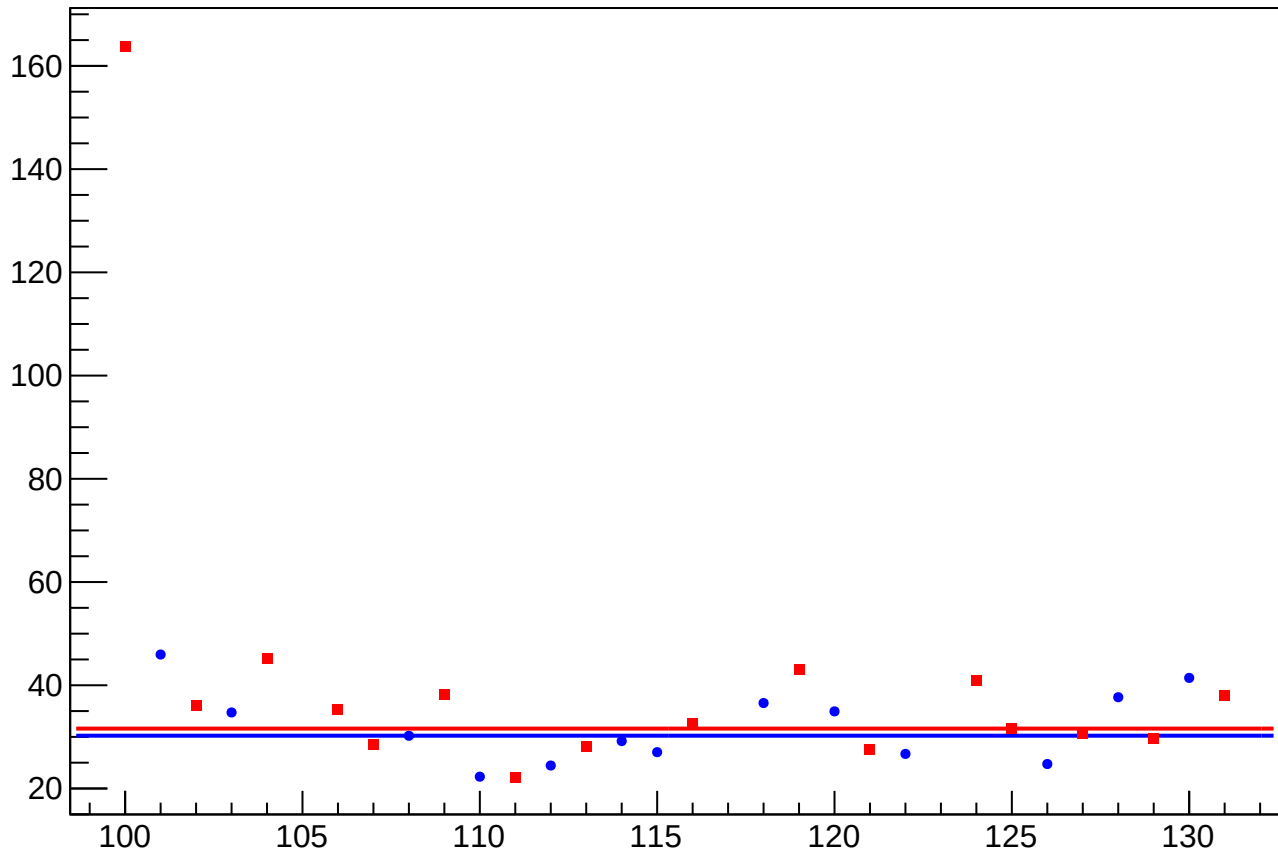
All: 30.929+/-0.007 χ^2/NDF : 1085887.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 30.230 ± 0.009 $\chi^2/\text{NDF}: 523944.7/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 31.607 ± 0.009 $\chi^2/\text{NDF}: 551280.3/15$

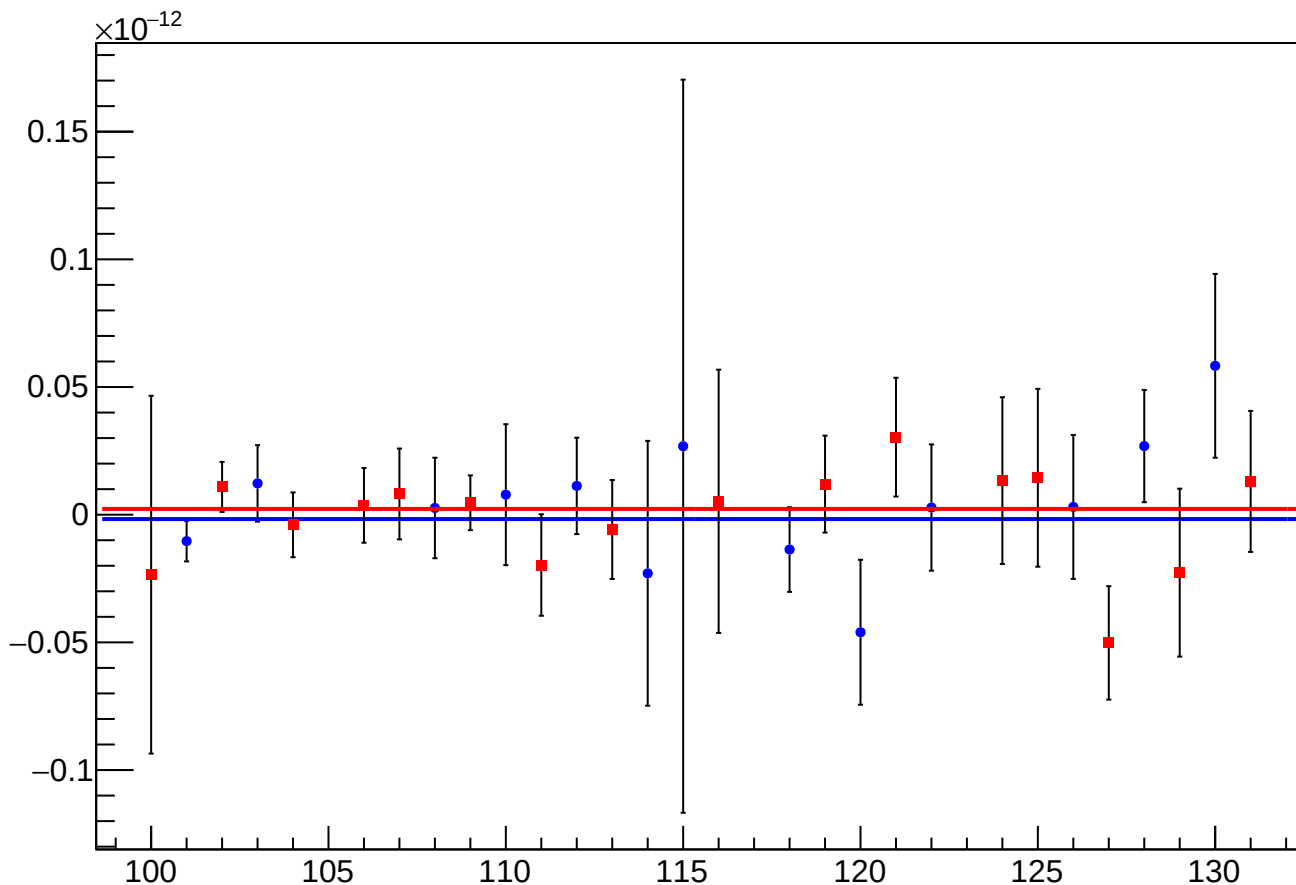
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 30.929 ± 0.007 $\chi^2/\text{NDF}: 1085887.1/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 10.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.0/15

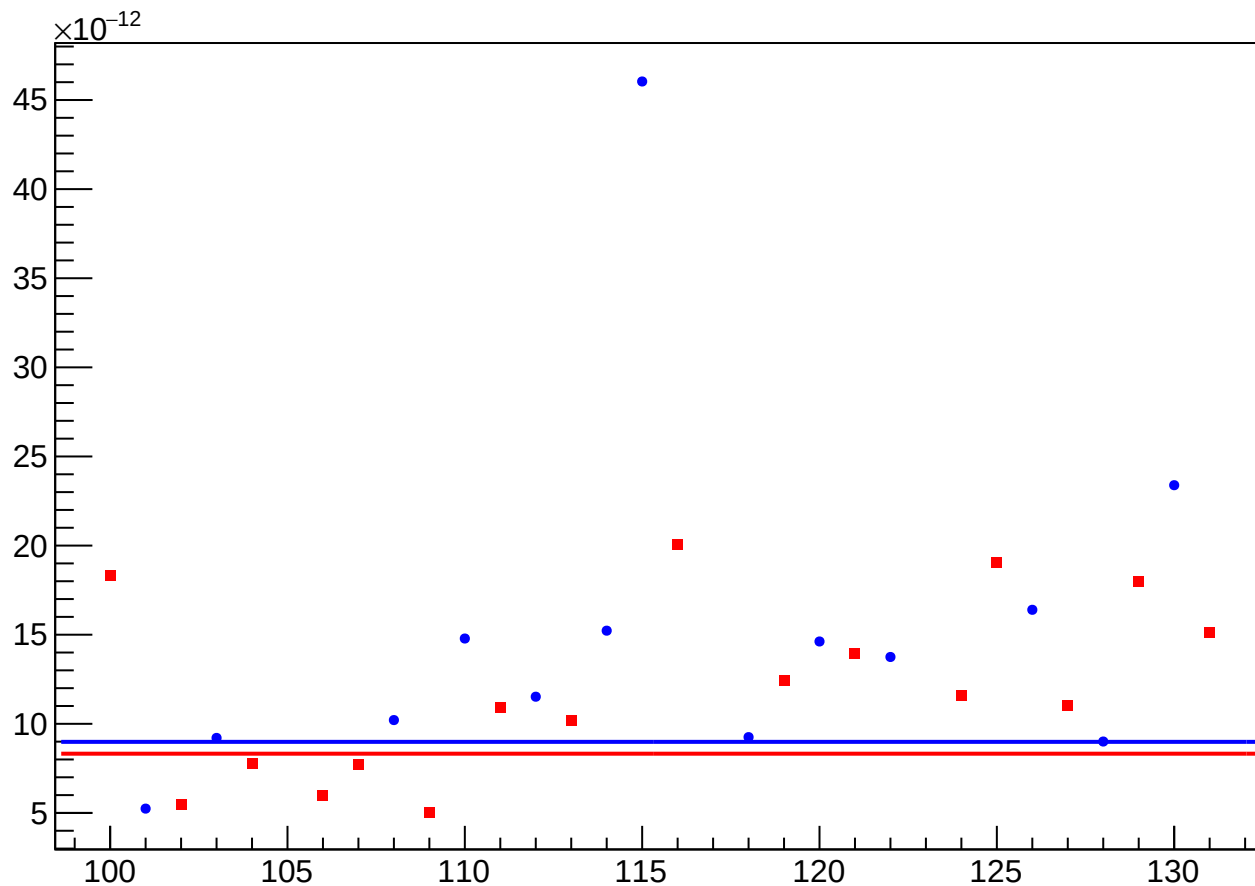
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1350040.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1358040.3/15

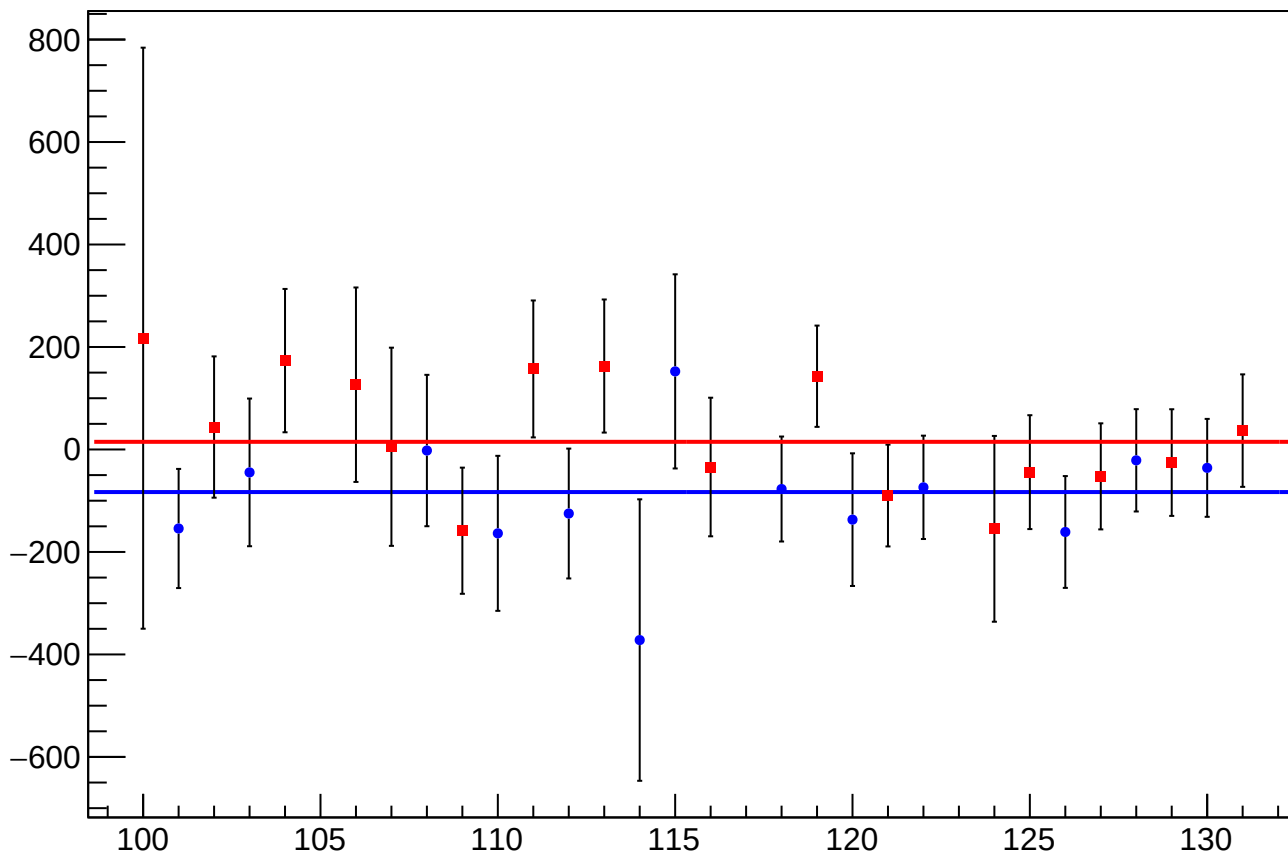
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2727080.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_mean vs Slug



Right In: -83.103 $\pm$ 34.056 χ^2 /NDF: 5.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.925 $\pm$ 31.925 χ^2 /NDF: 10.9/15

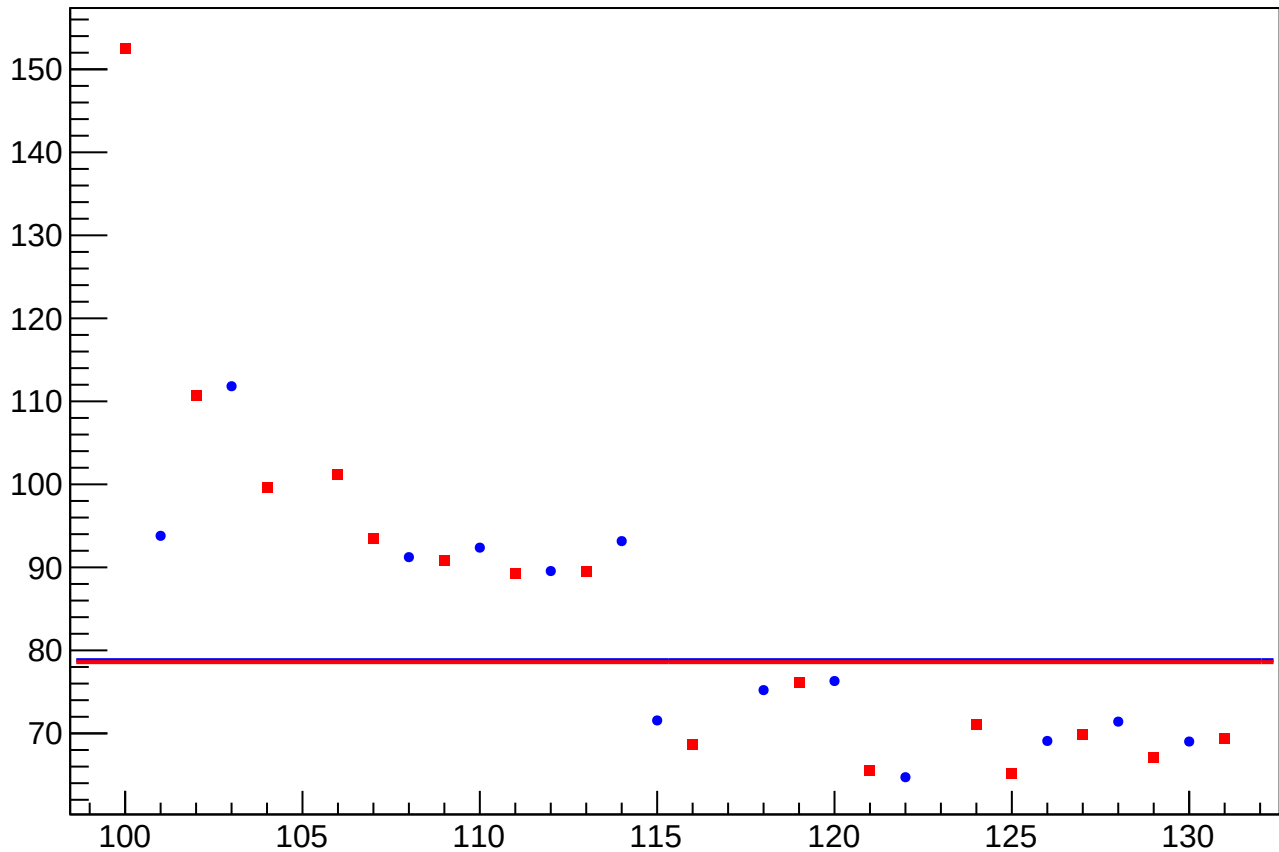
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -30.927 $\pm$ 23.291 χ^2 /NDF: 20.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_26_dd_rms vs Slug



Right In: 78.822+/-0.024 χ^2/NDF : 281279.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.580+/-0.023 χ^2/NDF : 406547.5/15

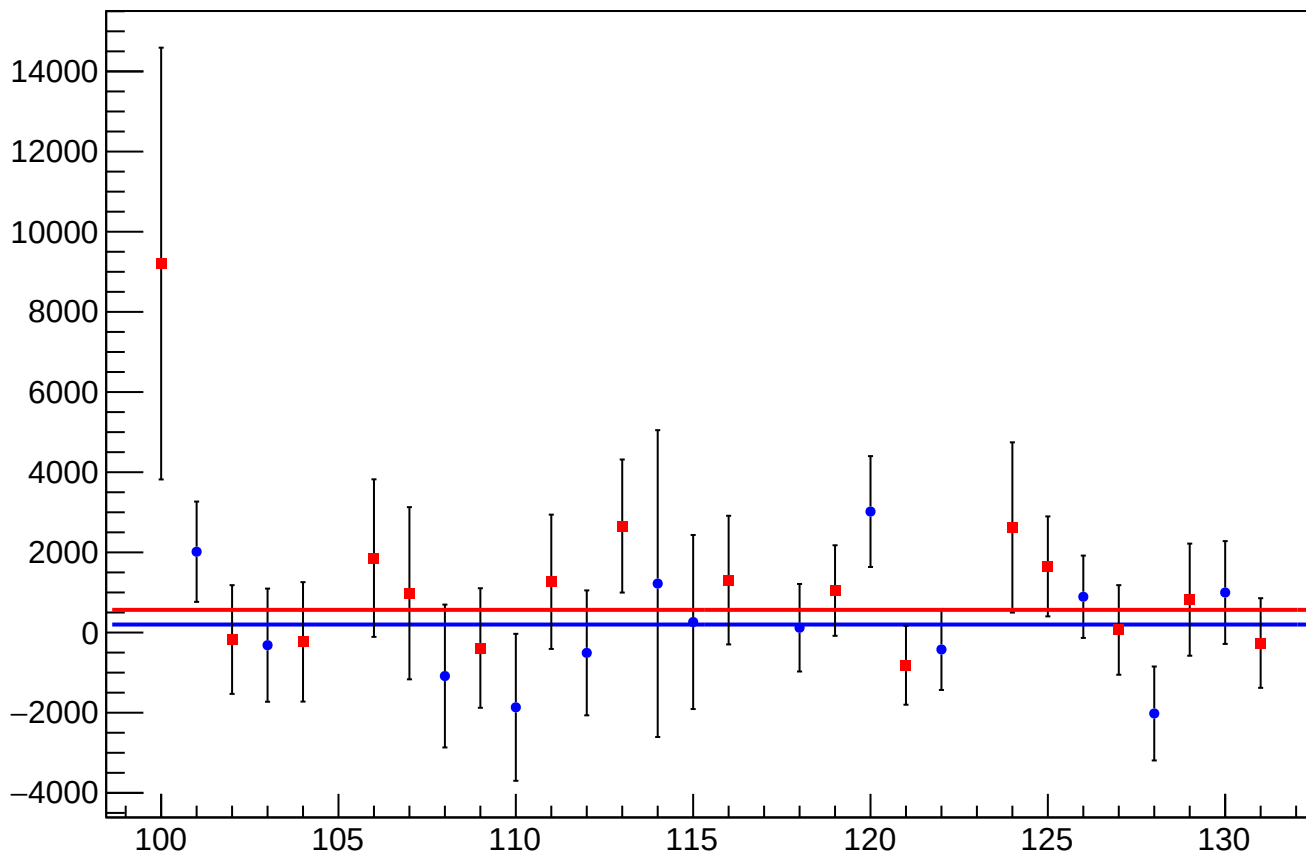
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.693+/-0.016 χ^2/NDF : 687881.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_reg_correction_mean vs Slug



Right In: 199.748 $\pm$ 376.071 χ^2 /NDF: 13.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 566.031 $\pm$ 356.826 χ^2 /NDF: 10.6/15

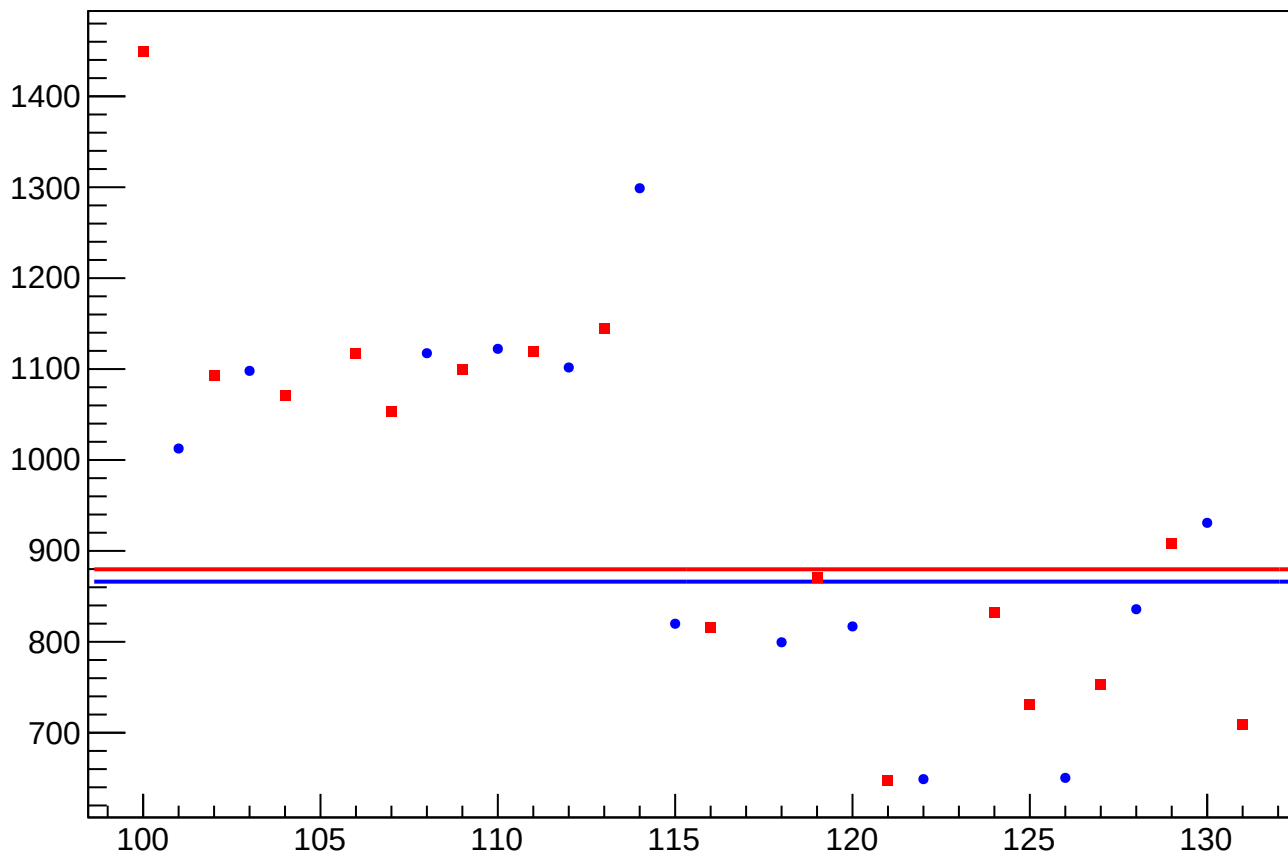
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 392.501 $\pm$ 258.850 χ^2 /NDF: 24.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_reg_correction_rms vs Slug



Right In: 866.186+/-0.266 χ^2/NDF : 429437.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 879.771+/-0.252 χ^2/NDF : 498820.8/15

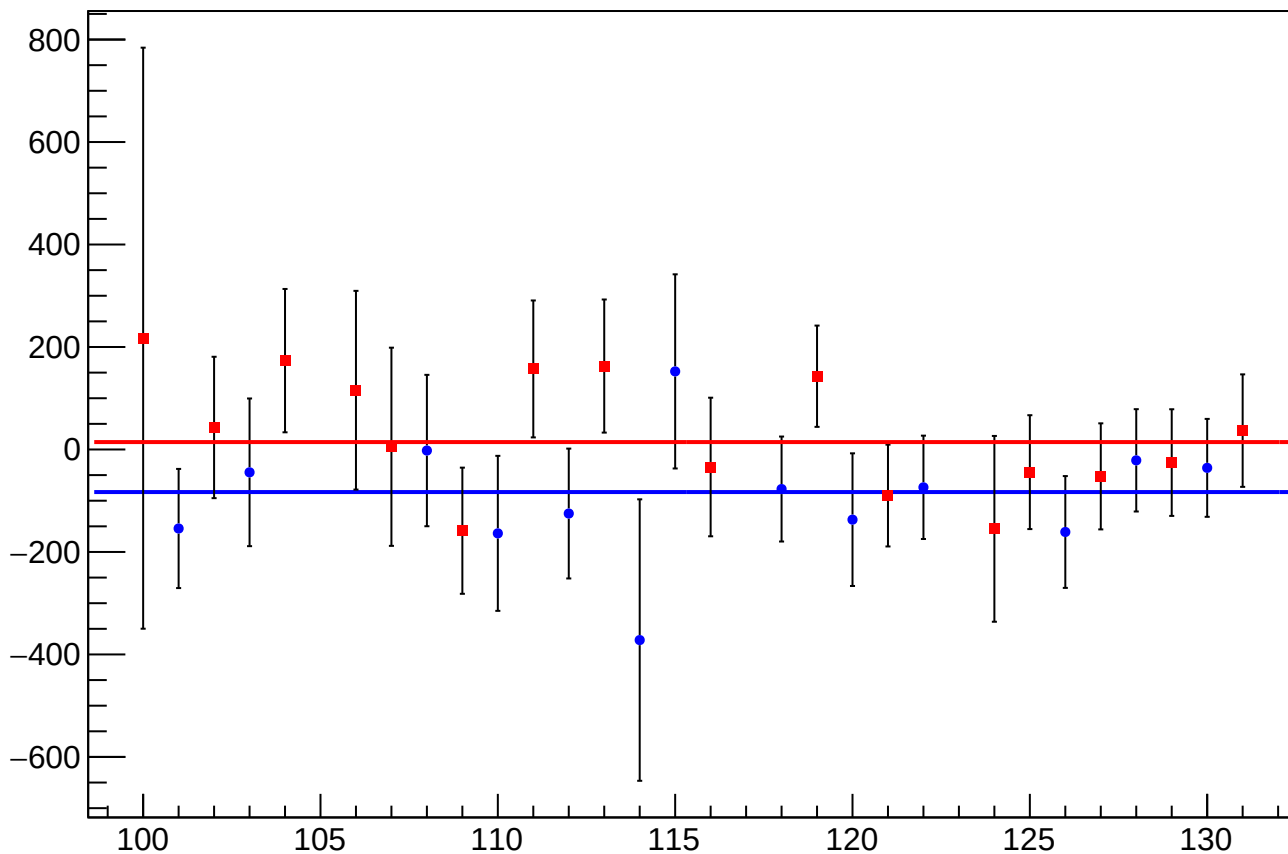
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 873.335+/-0.183 χ^2/NDF : 929631.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_26_dd_mean vs Slug



Right In: -83.096 $\pm$ 34.056 χ^2 /NDF: 5.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.453 $\pm$ 31.945 χ^2 /NDF: 10.8/15

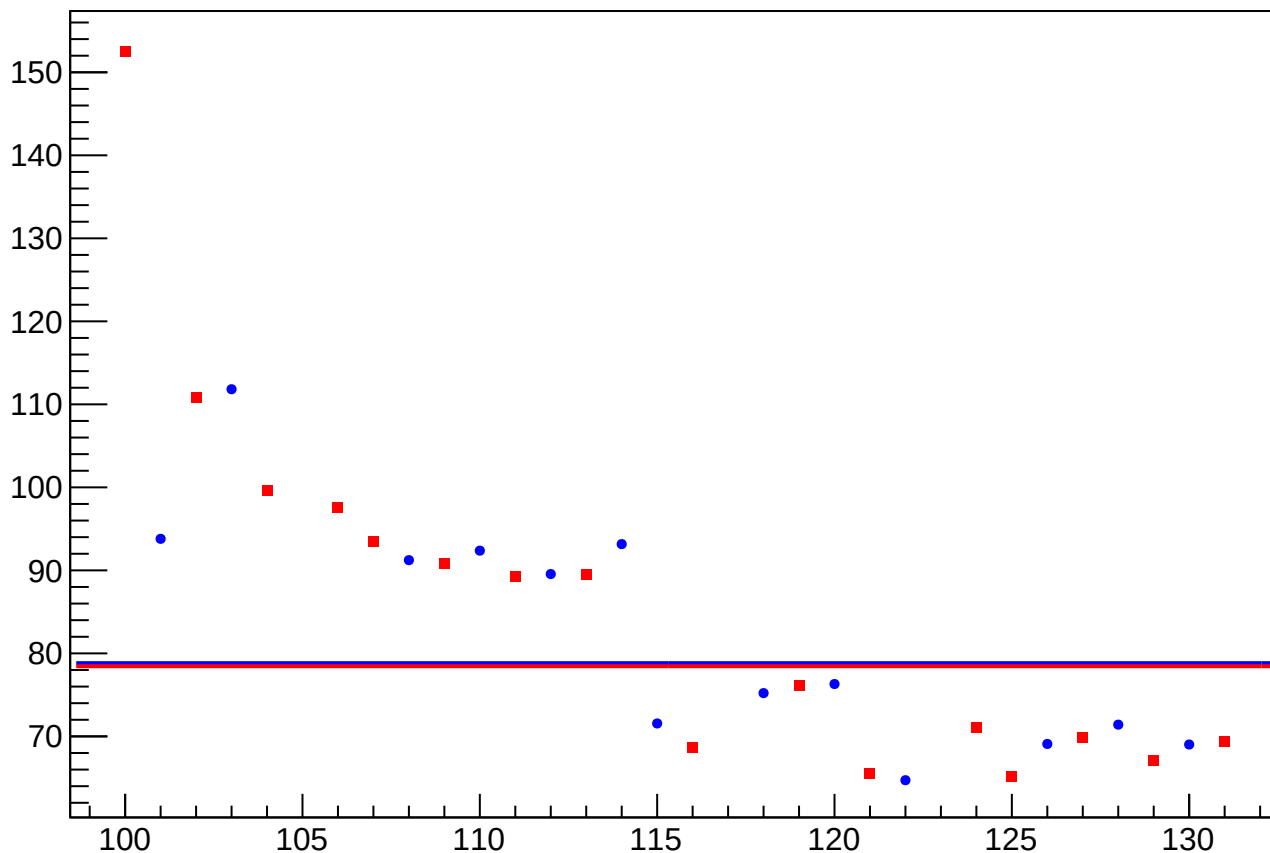
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -31.205 $\pm$ 23.299 χ^2 /NDF: 20.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_15_26_dd_rms vs Slug



Right In: 78.822+/-0.024 χ^2/NDF : 281282.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.454+/-0.023 χ^2/NDF : 397429.7/15

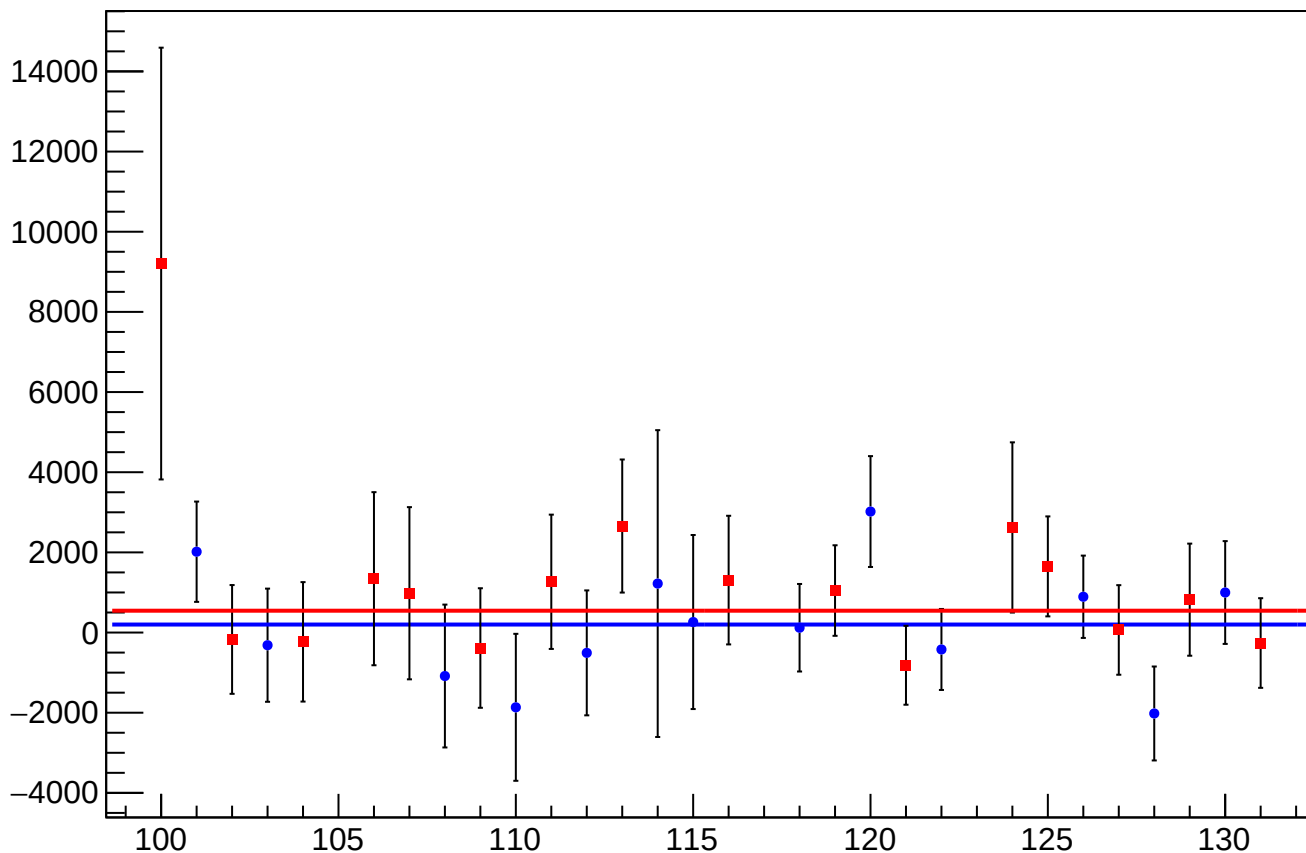
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.626+/-0.016 χ^2/NDF : 678836.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_cor_correction_mean vs Slug



Right In: 199.714 $\pm$ 376.072 χ^2 /NDF: 13.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 544.840 $\pm$ 357.854 χ^2 /NDF: 10.3/15

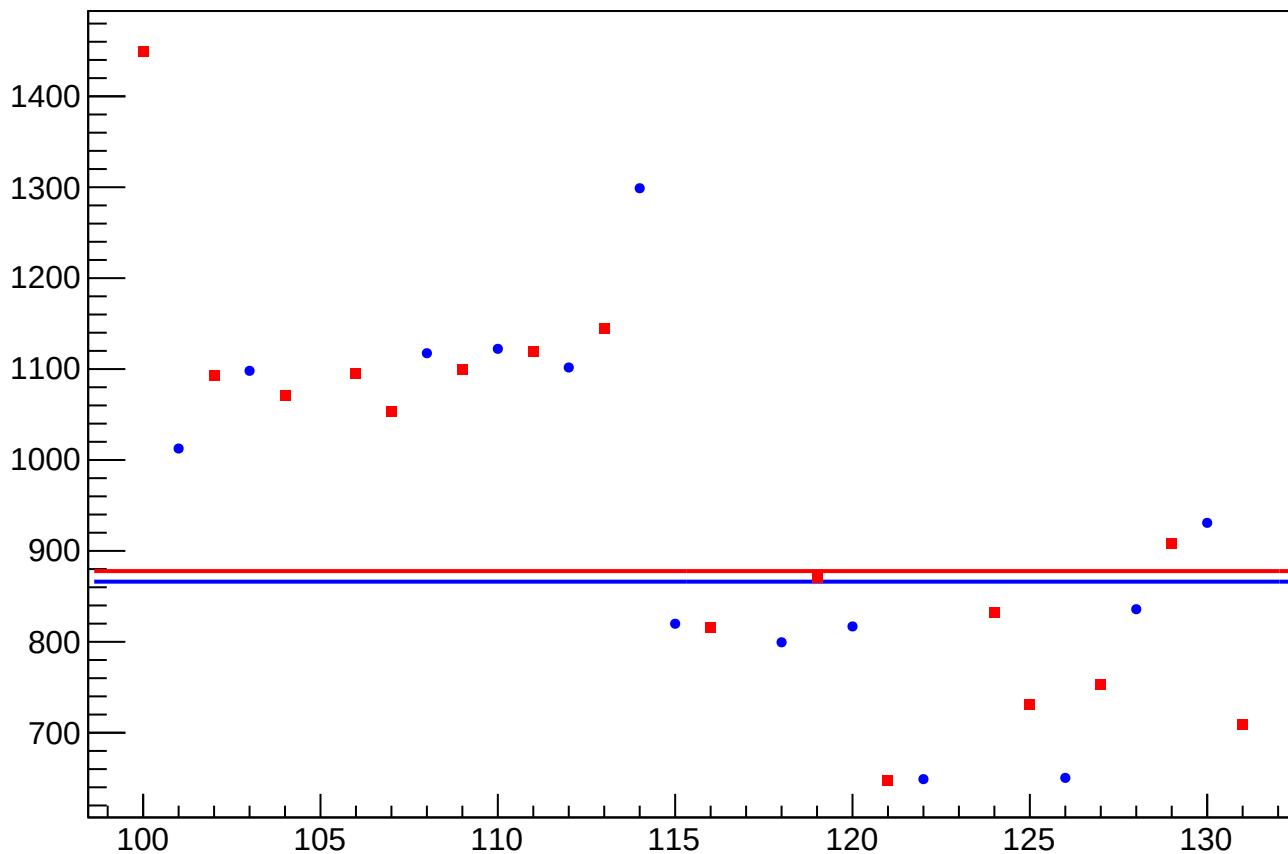
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 380.839 $\pm$ 259.242 χ^2 /NDF: 24.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_cor_correction_rms vs Slug



Right In: 866.188+/-0.266 χ^2/NDF : 429459.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 877.820+/-0.253 χ^2/NDF : 489544.1/15

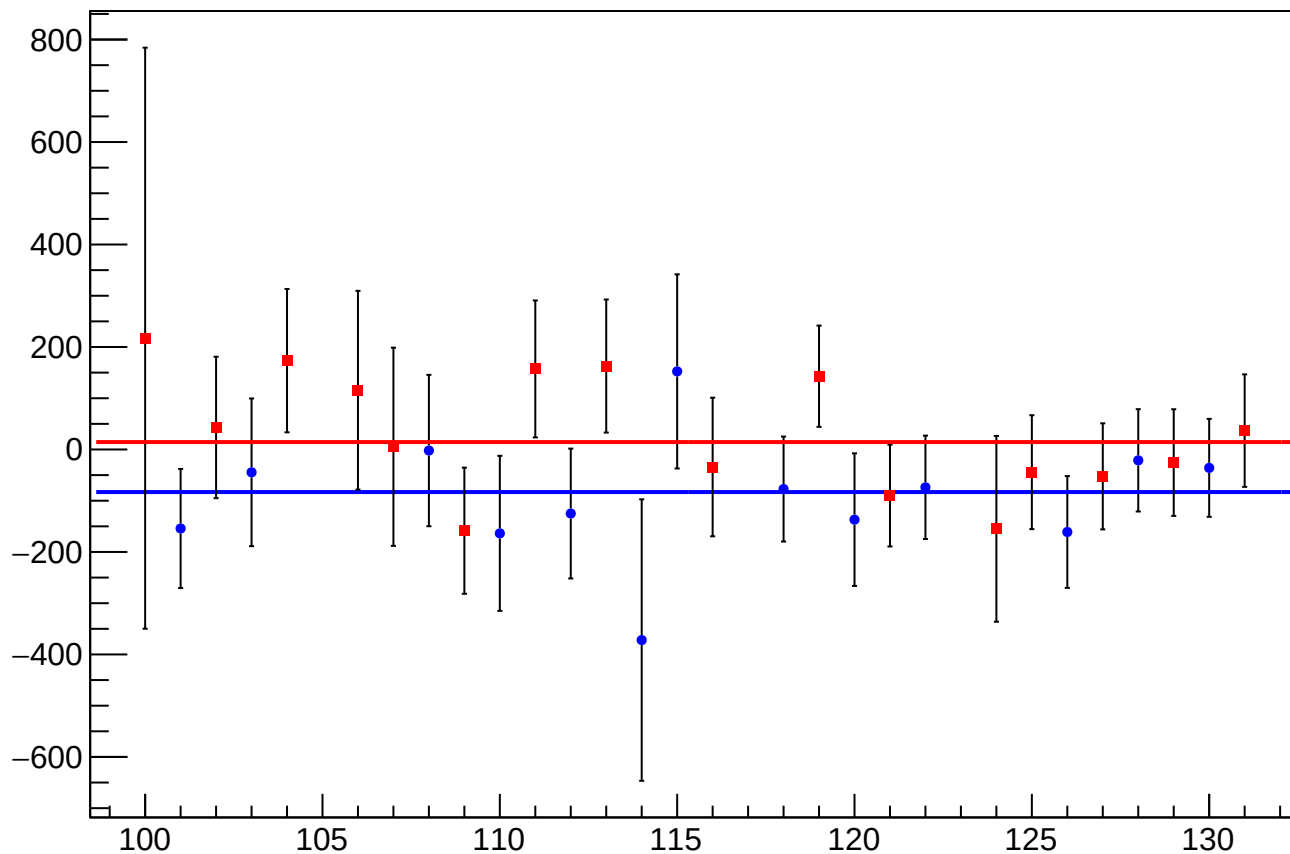
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 872.293+/-0.183 χ^2/NDF : 920007.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_26_dd_mean vs Slug



Right In: -83.096 $\pm$ 34.056 χ^2 /NDF: 5.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.453 $\pm$ 31.945 χ^2 /NDF: 10.8/15

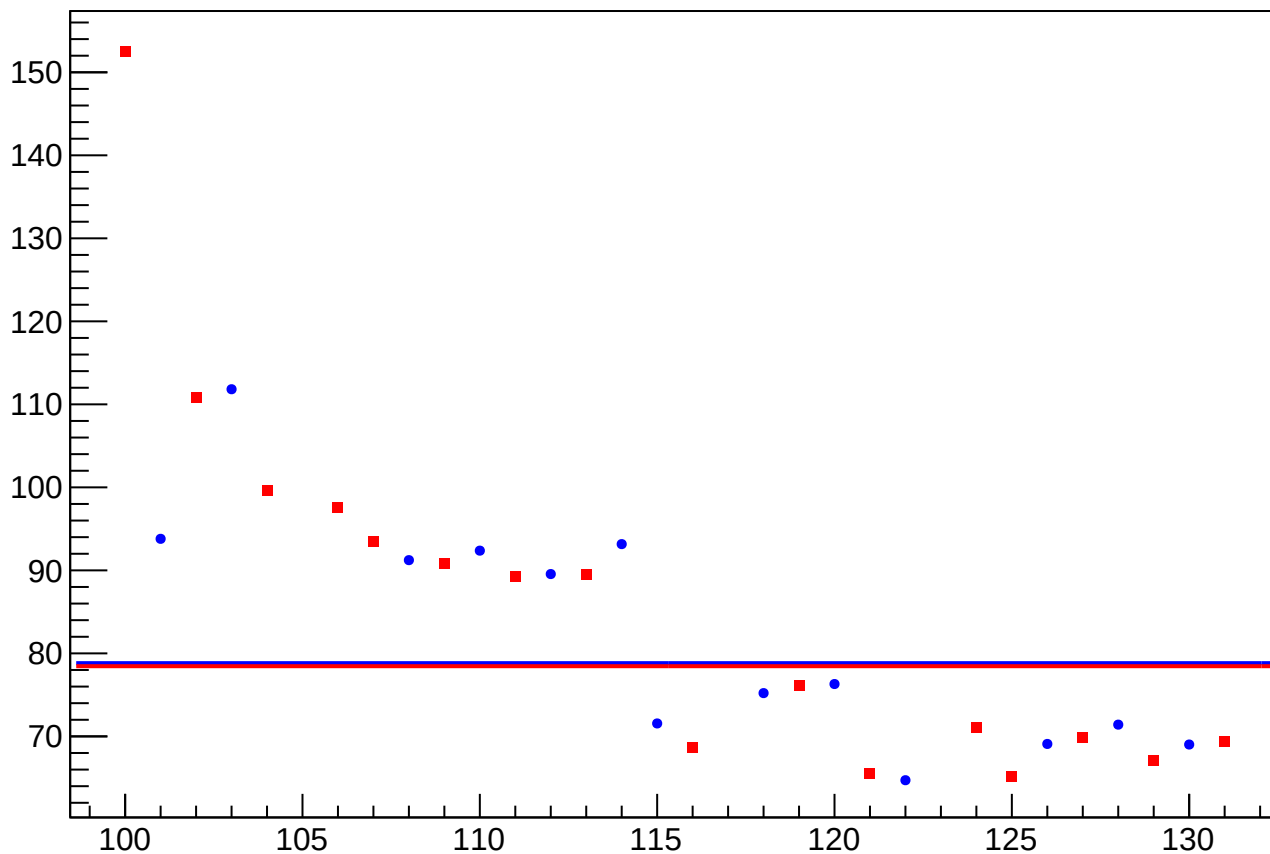
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -31.205 $\pm$ 23.299 χ^2 /NDF: 20.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_15_26_dd_rms vs Slug



Right In: 78.822 $\pm$ 0.024 χ^2 /NDF: 281282.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 78.454 $\pm$ 0.023 χ^2 /NDF: 397429.7/15

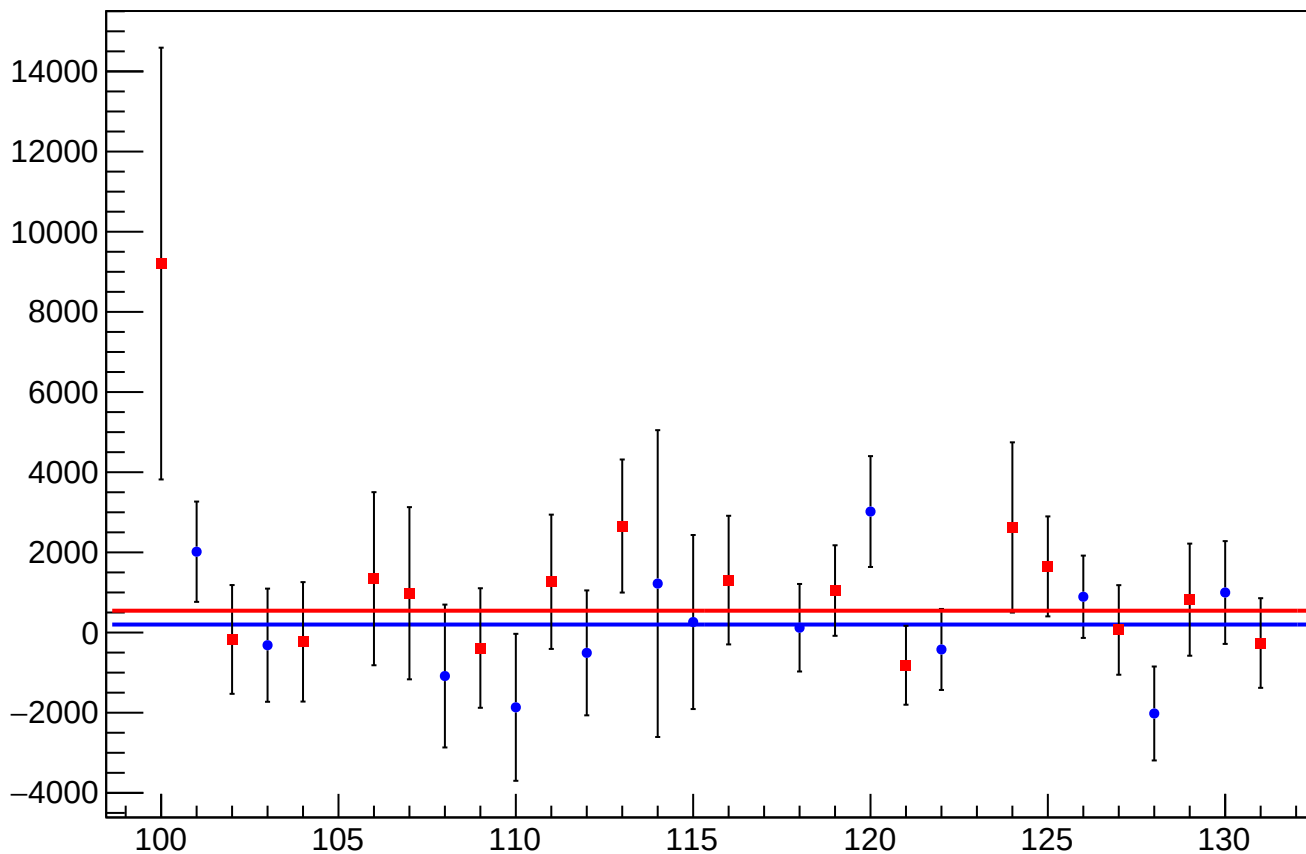
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 78.626 $\pm$ 0.016 χ^2 /NDF: 678836.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_cor_correction_mean vs Slug



Right In: 199.714+/-376.072 χ^2/NDF : 13.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 544.840+/-357.854 χ^2/NDF : 10.3/15

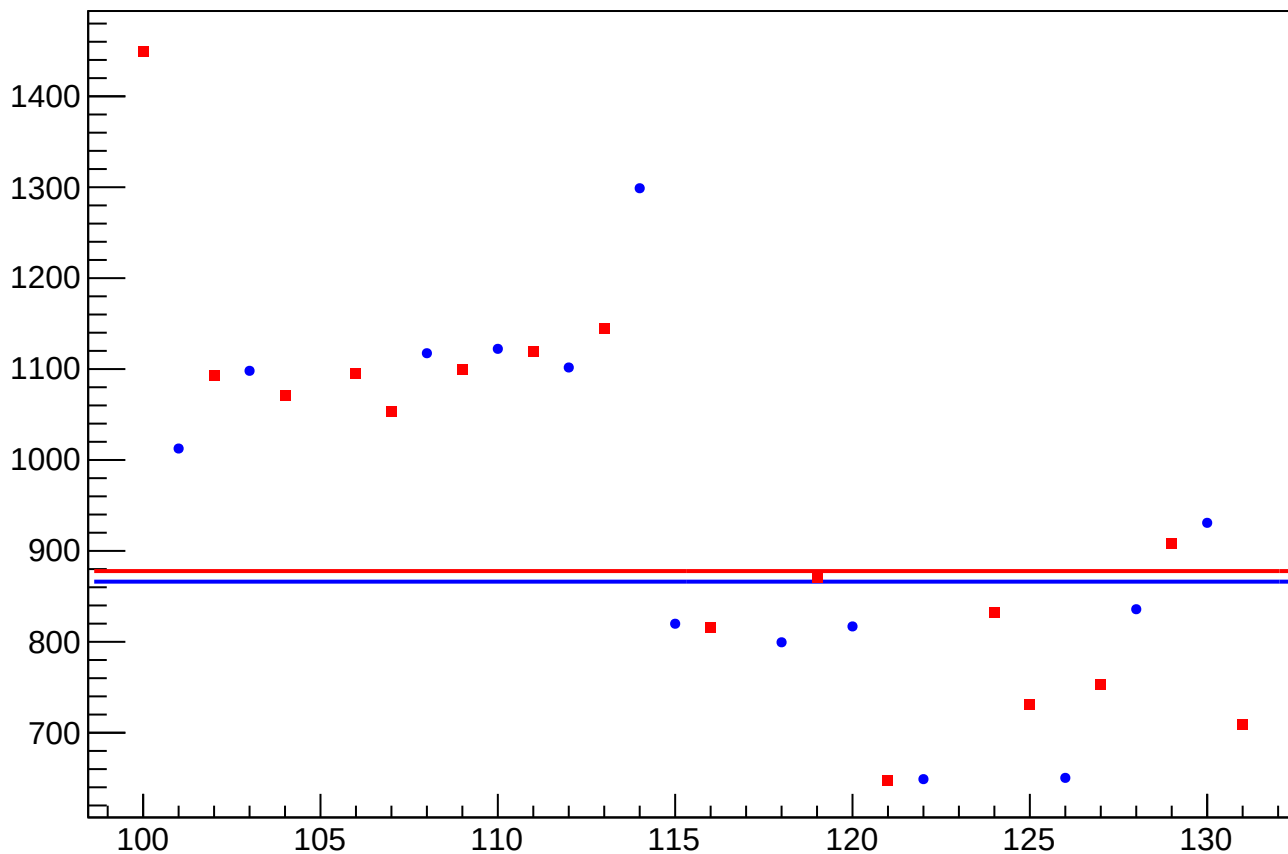
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 380.839+/-259.242 χ^2/NDF : 24.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_eigen_cor_correction_rms vs Slug



Right In: 866.188+/-0.266 χ^2/NDF : 429459.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 877.820+/-0.253 χ^2/NDF : 489544.1/15

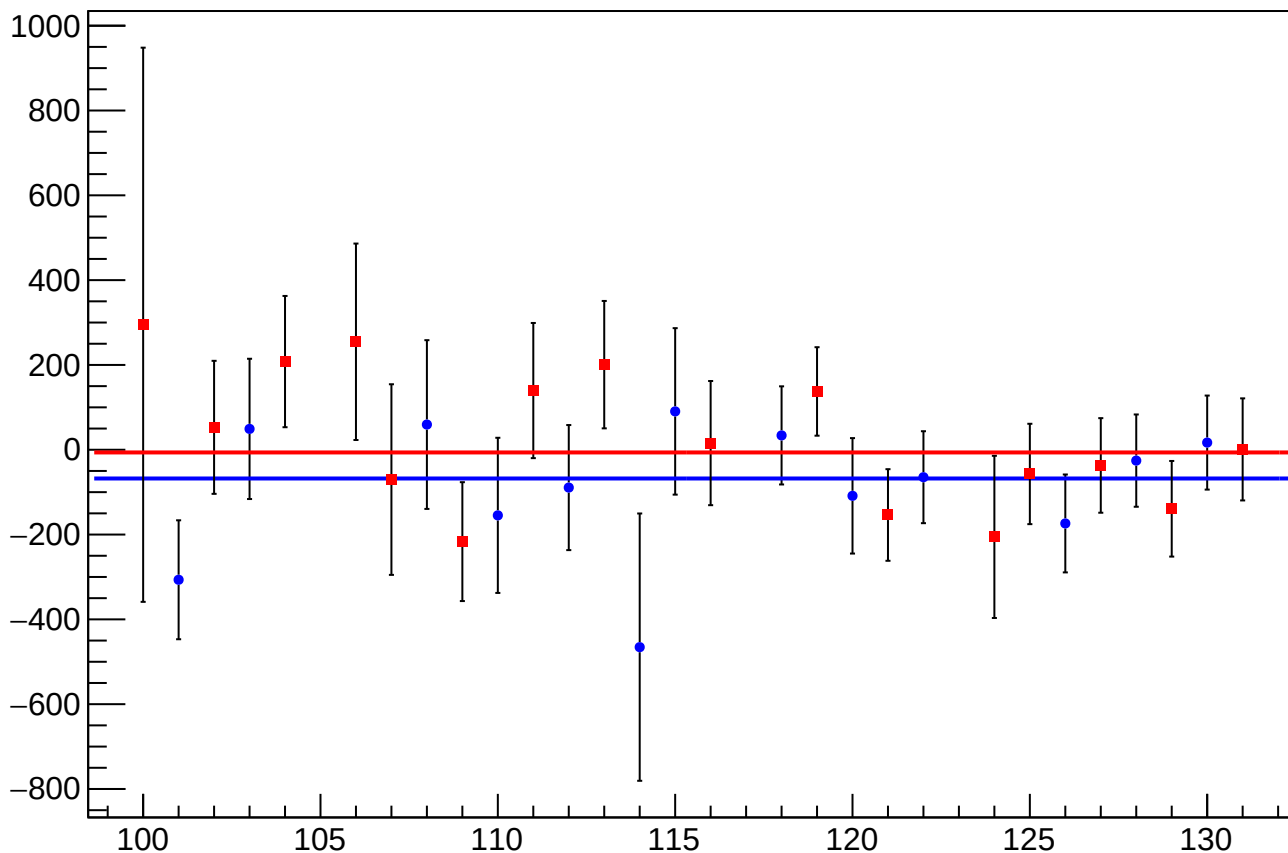
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 872.293+/-0.183 χ^2/NDF : 920007.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_mean vs Slug



Right In: -67.776 ± 38.375 χ^2/NDF : 8.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.361 ± 35.163 χ^2/NDF : 15.1/15

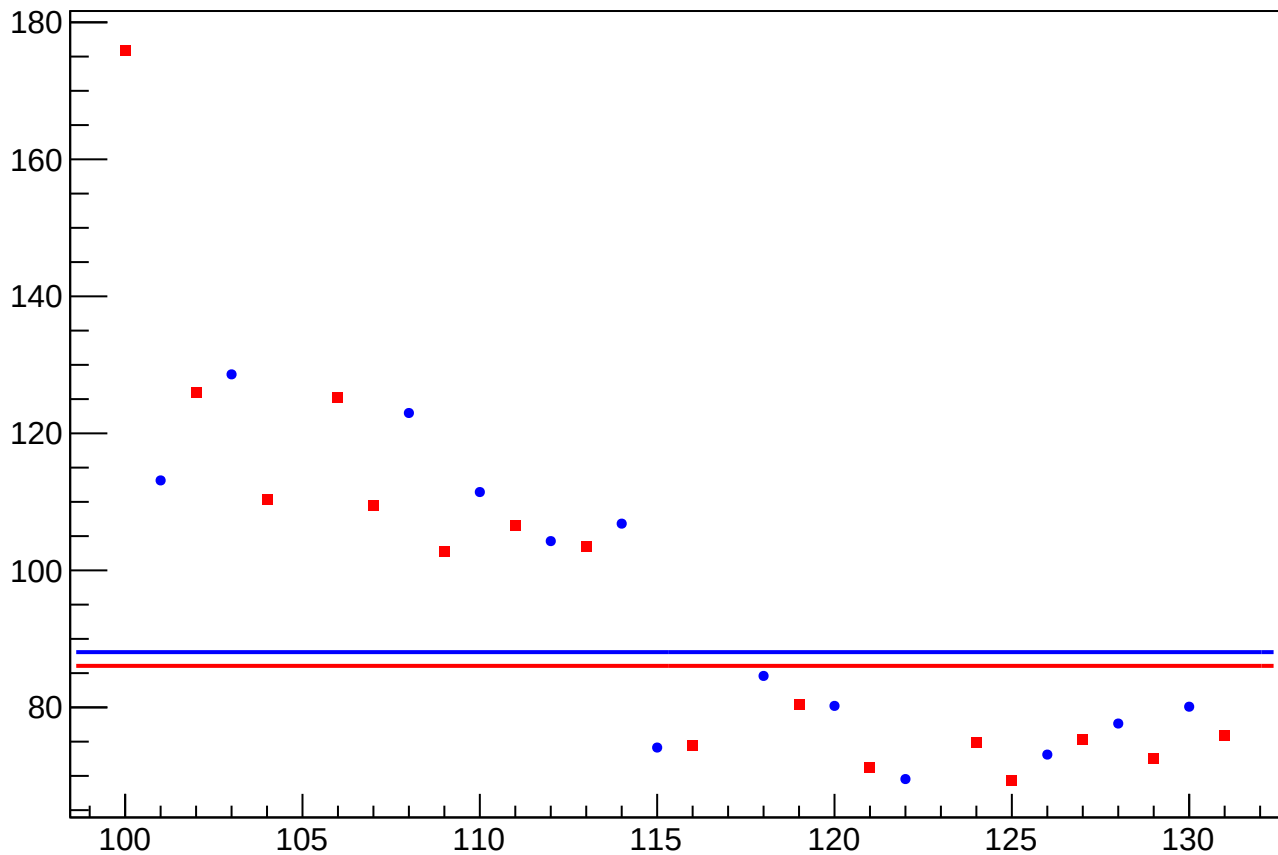
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.391 ± 25.925 χ^2/NDF : 25.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_rms vs Slug



Right In: 88.066+/-0.027 χ^2/NDF : 448653.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.060+/-0.025 χ^2/NDF : 548111.4/15

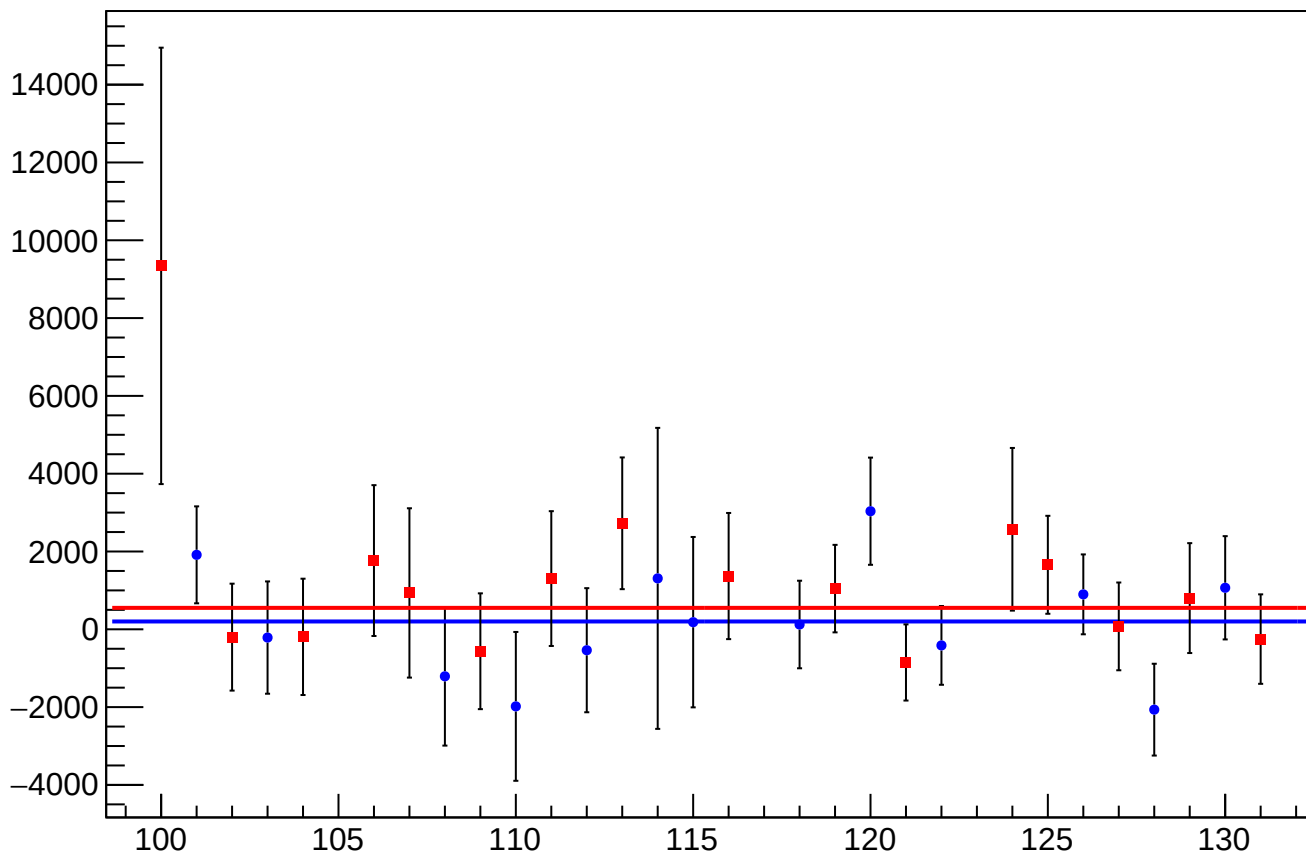
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.976+/-0.018 χ^2/NDF : 999735.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_dit_correction_mean vs Slug



Right In: 201.389+/-380.511 χ^2/NDF : 13.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 551.171+/-359.507 χ^2/NDF : 10.7/15

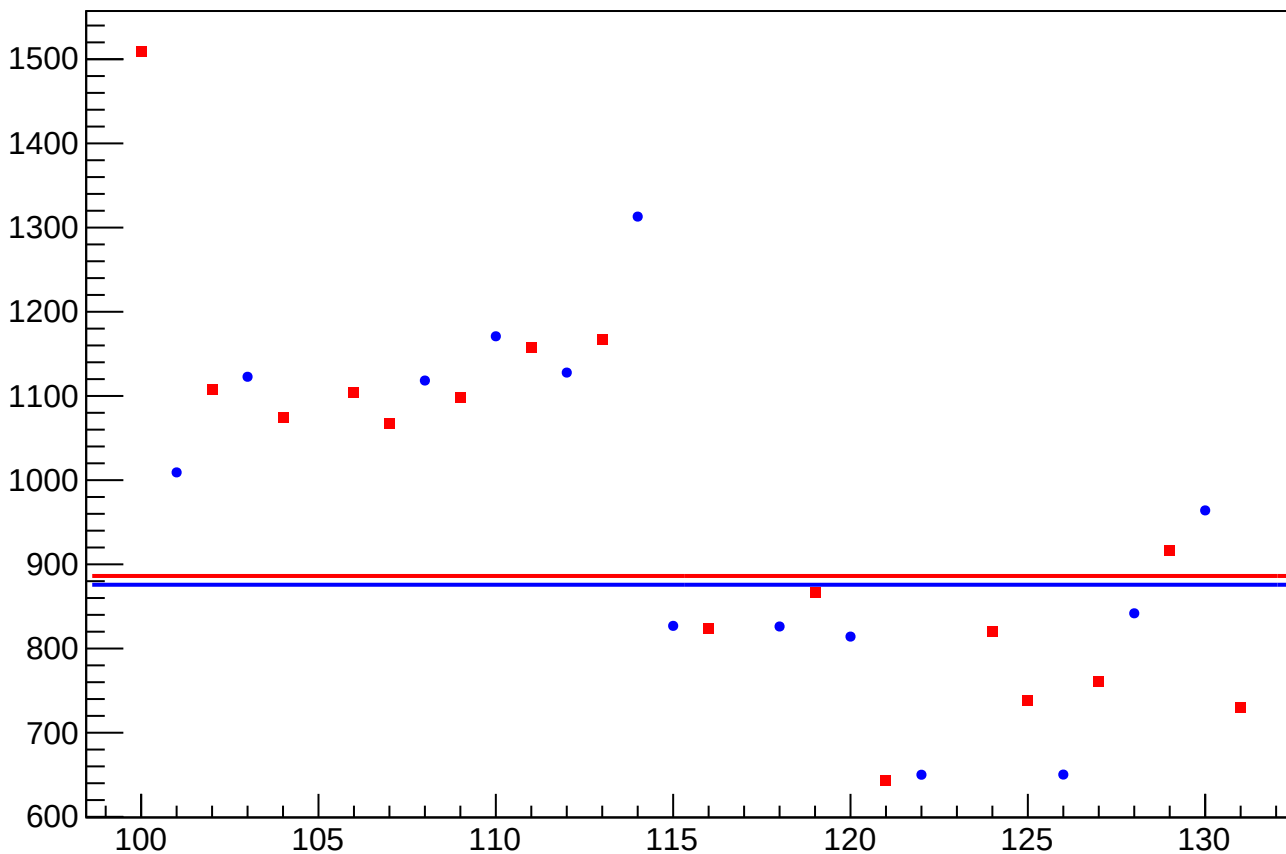
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 386.200+/-261.320 χ^2/NDF : 24.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_dit_correction_rms vs Slug



Right In: 875.755 $\pm$ 0.269 χ^2 /NDF: 456859.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 886.189 $\pm$ 0.254 χ^2 /NDF: 511022.7/15

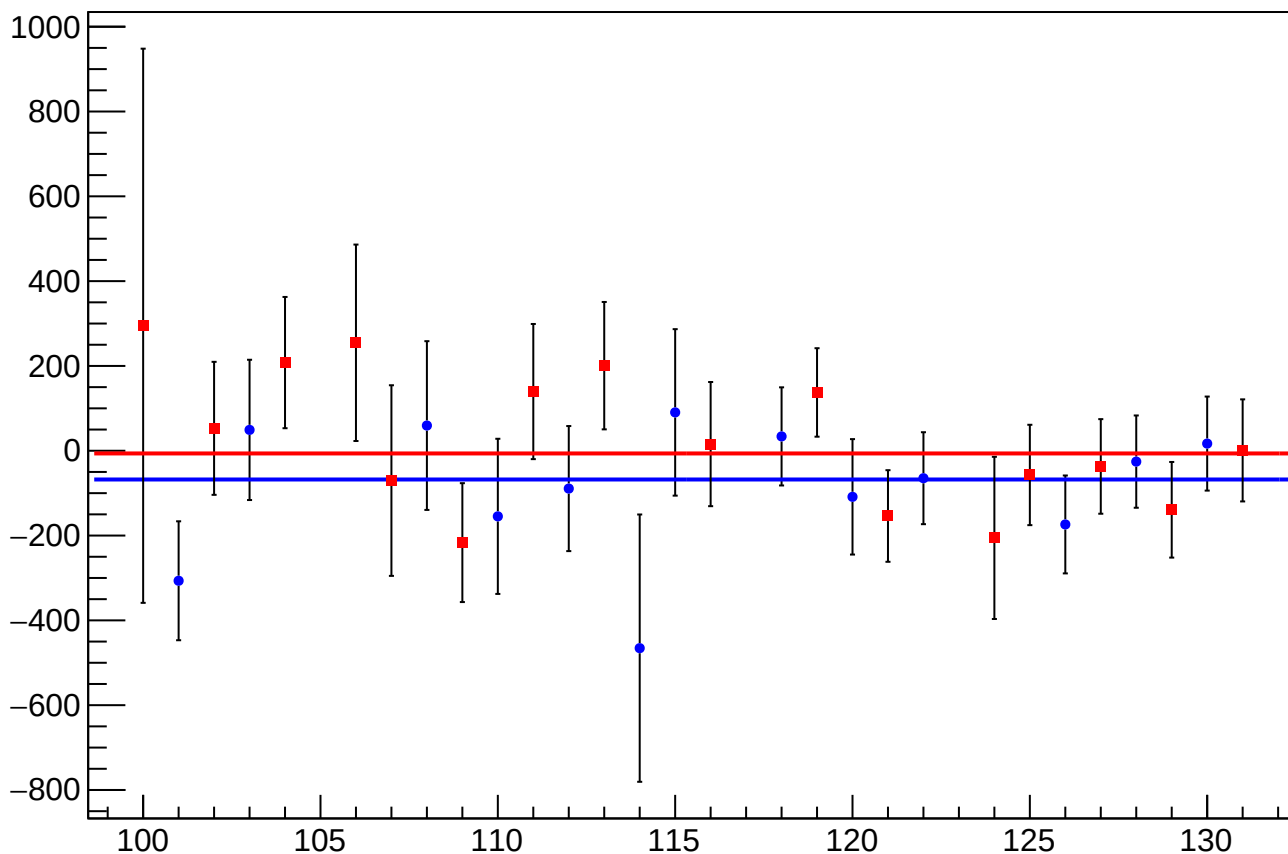
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 881.268 $\pm$ 0.185 χ^2 /NDF: 968676.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_26_dd_mean vs Slug



Right In: -67.775+/-38.374 χ^2/NDF : 8.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.361+/-35.163 χ^2/NDF : 15.1/15

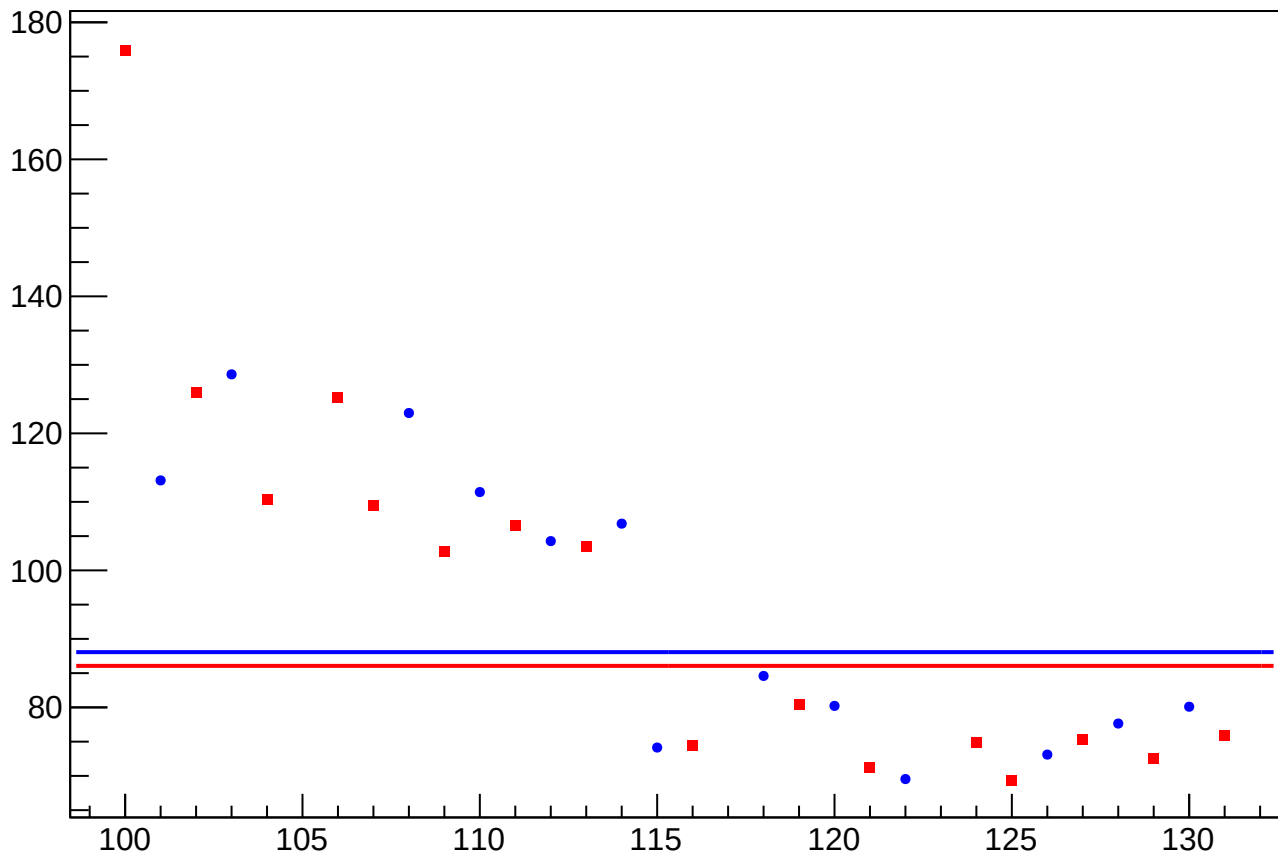
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.391+/-25.925 χ^2/NDF : 25.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_26_dd_rms vs Slug



Right In: 88.065+/-0.027 χ^2/NDF : 448647.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.060+/-0.025 χ^2/NDF : 548100.3/15

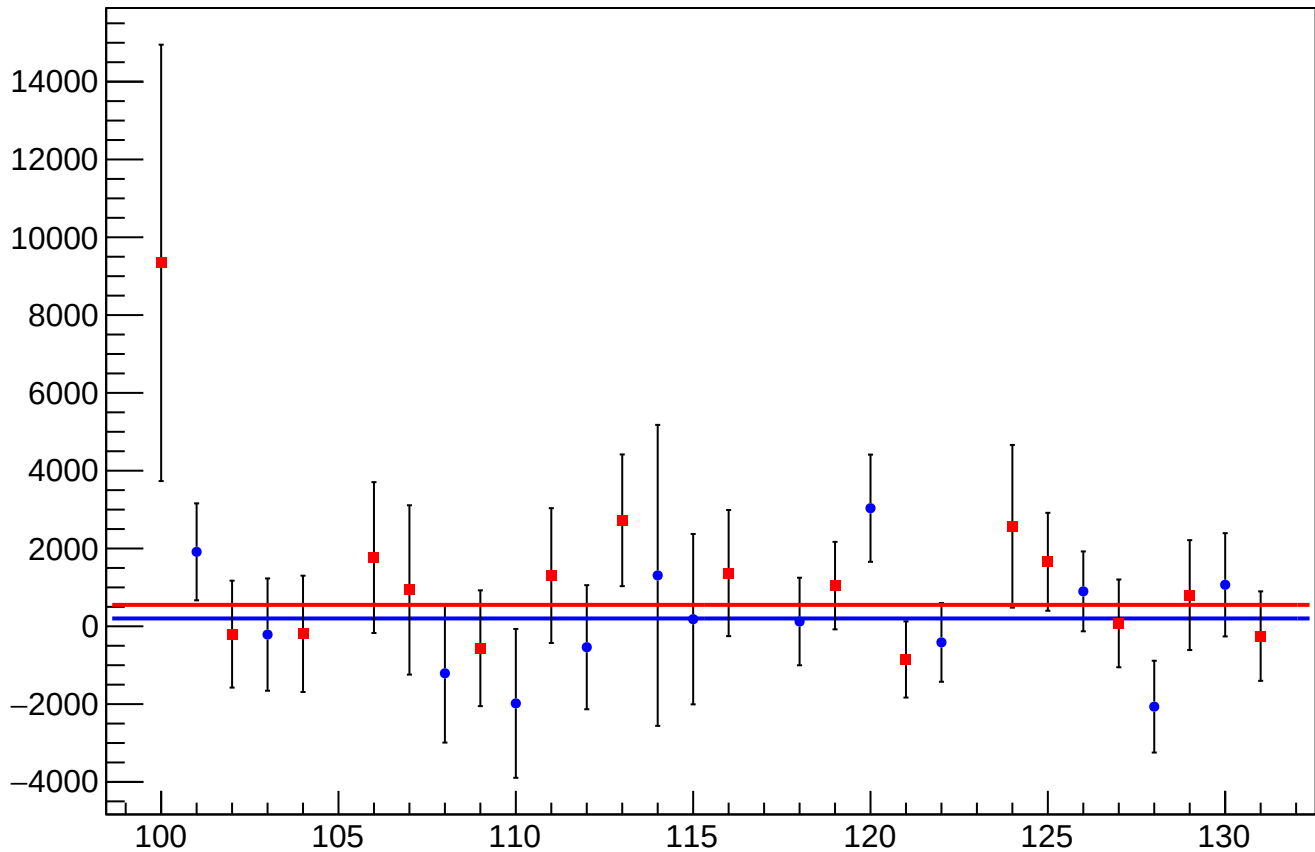
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.975+/-0.018 χ^2/NDF : 999717.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_eigen_dit_correction_mean vs Slug



Right In: 201.388+/-380.510 χ^2/NDF : 13.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 551.170+/-359.506 χ^2/NDF : 10.7/15

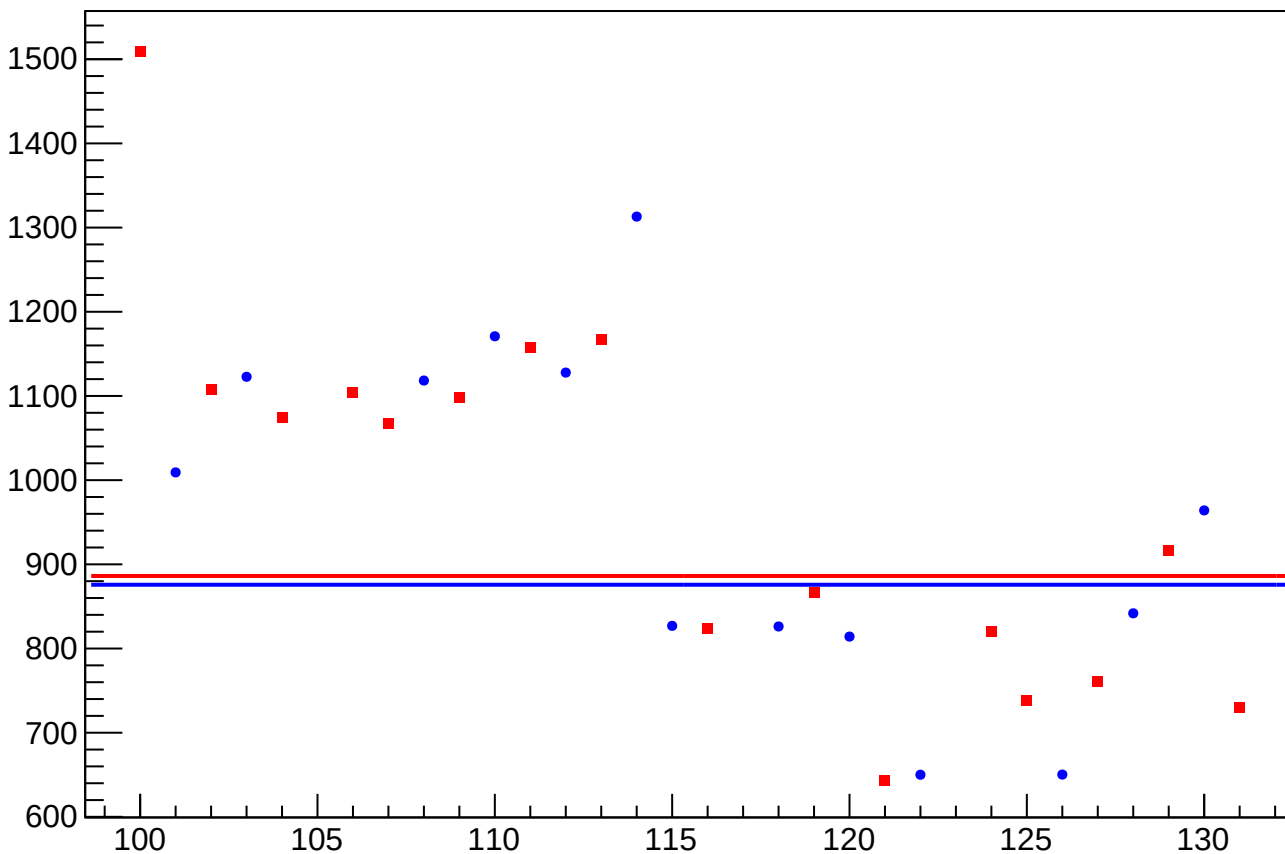
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 386.198+/-261.319 χ^2/NDF : 24.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_eigen_dit_correction_rms vs Slug



Right In: 875.752+/-0.269 χ^2/NDF : 456850.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 886.186+/-0.254 χ^2/NDF : 511017.7/15

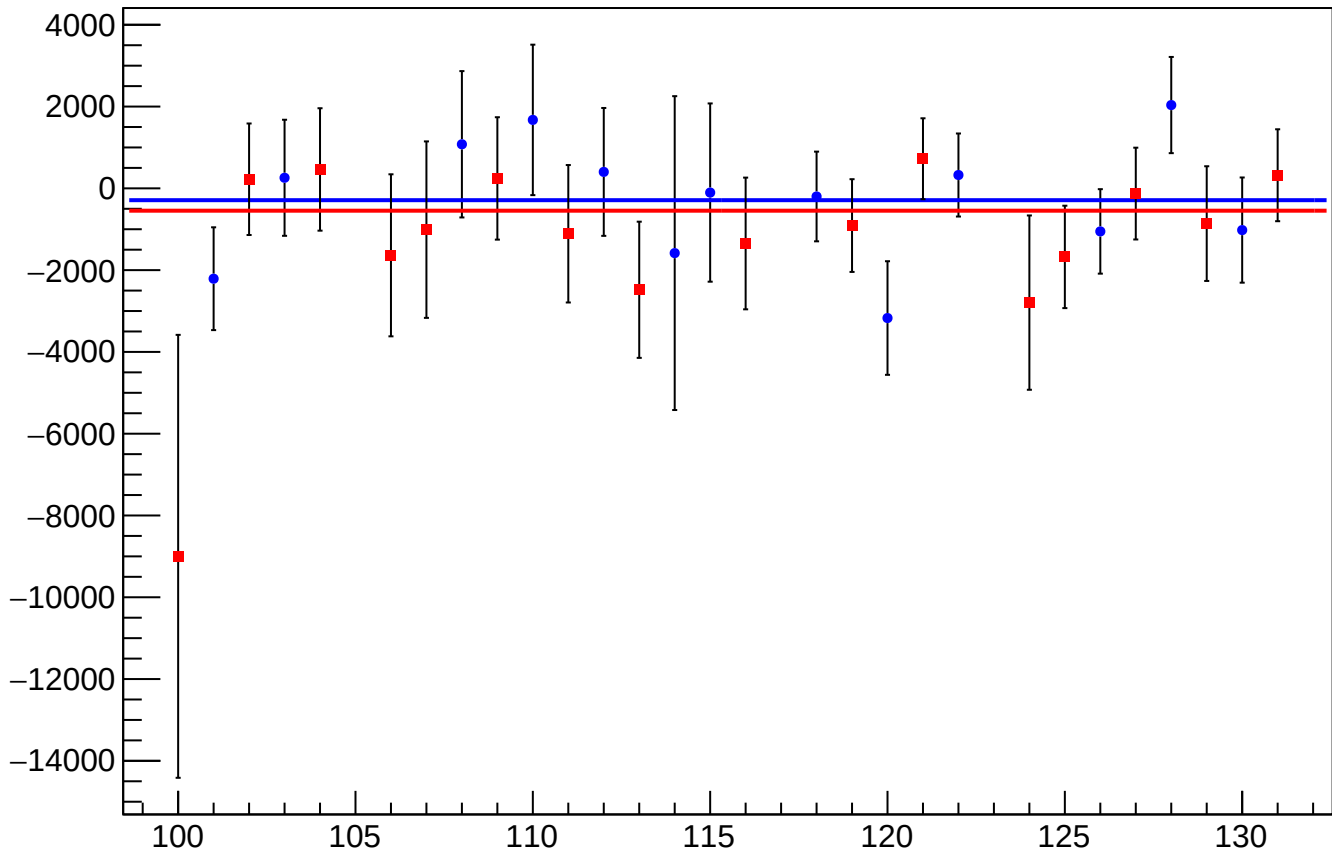
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 881.265+/-0.185 χ^2/NDF : 968663.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_mean vs Slug



Right In: -289.347 ± 377.745 χ^2/NDF : 14.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -546.311 ± 358.397 χ^2/NDF : 10.0/15

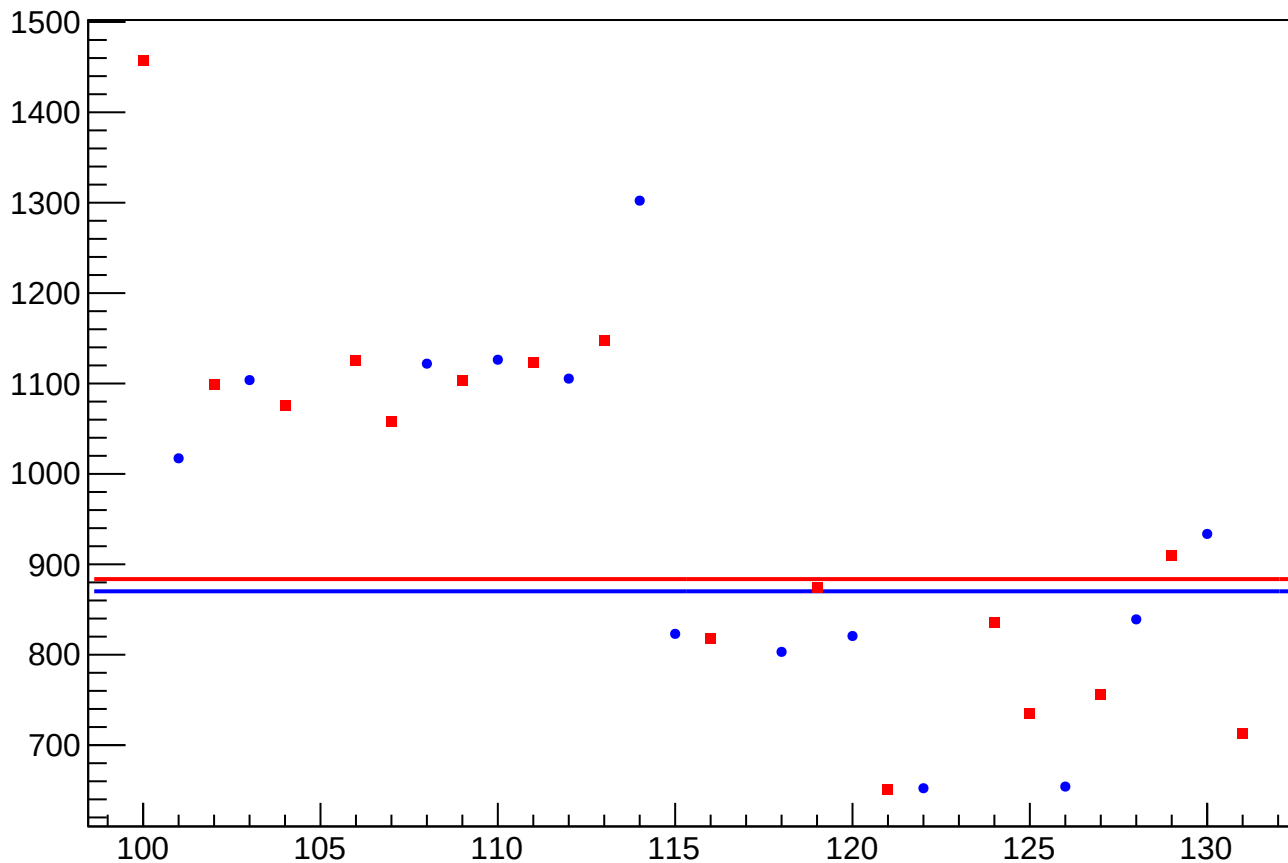
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -424.578 ± 259.996 χ^2/NDF : 24.2/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_rms vs Slug



Right In: 870.152+/-0.267 χ^2/NDF : 427296.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 883.664+/-0.253 χ^2/NDF : 497873.8/15

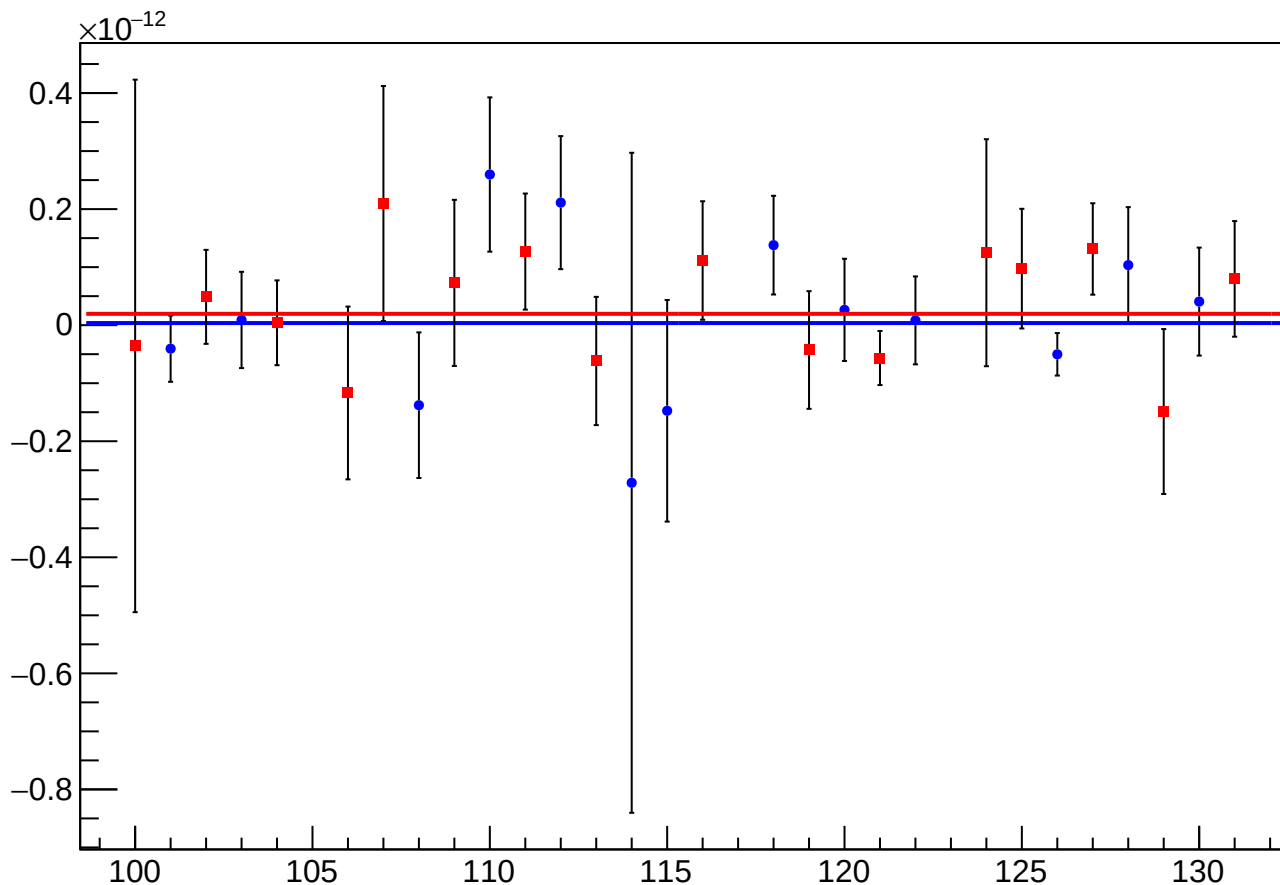
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 877.263+/-0.184 χ^2/NDF : 926517.4/28

- 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: 15.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.2/15

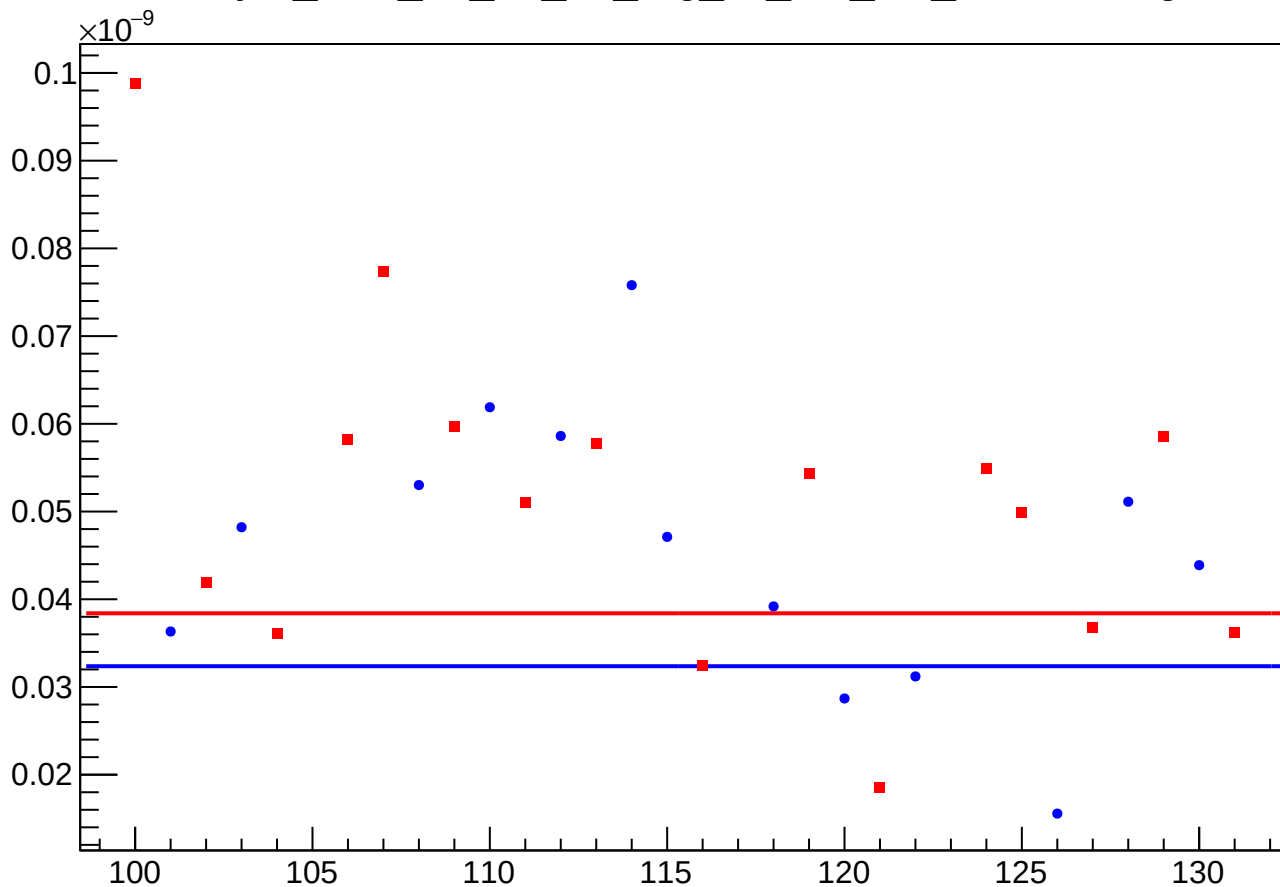
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 28.1/28

- 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: 902348.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 787826.4/15

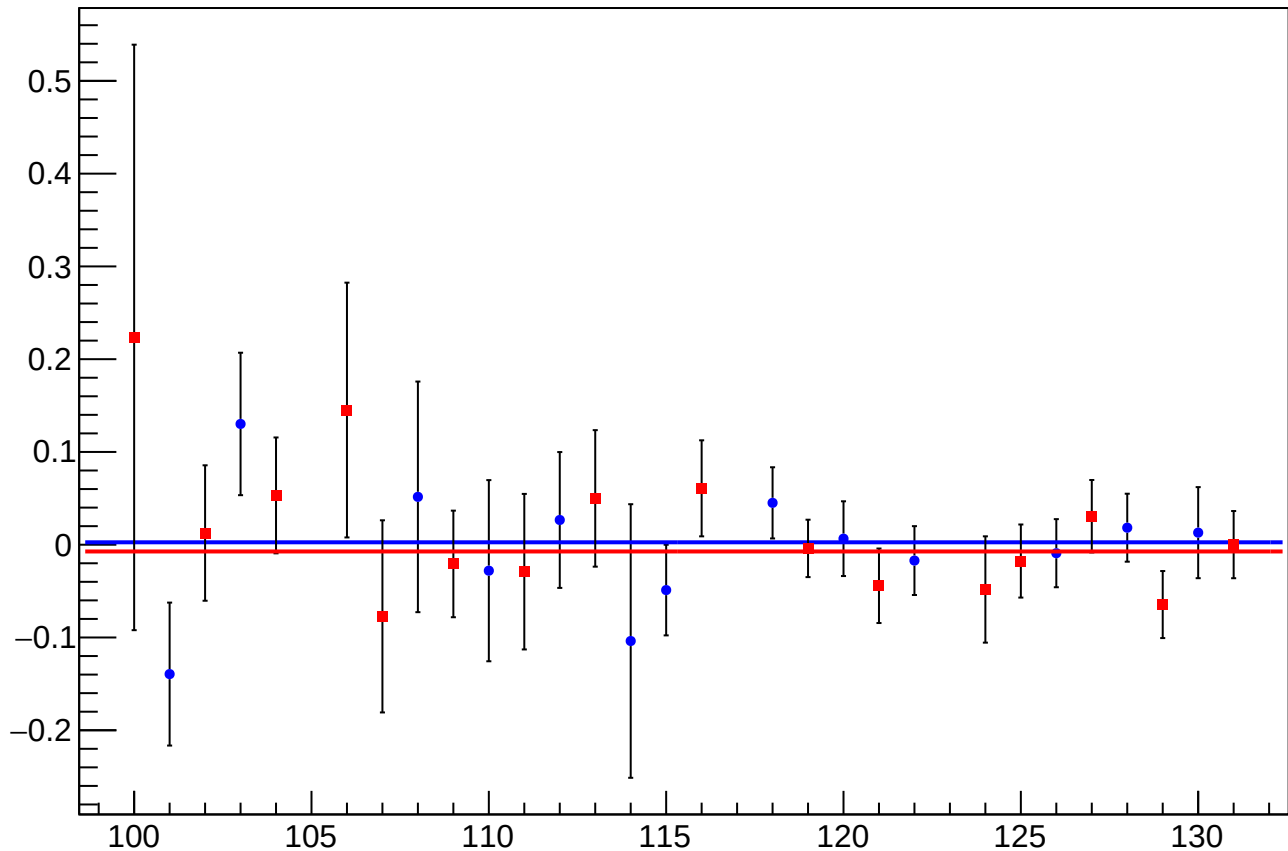
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1758921.2/28

- 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: 0.003 $\pm$ 0.014 χ^2 /NDF: 10.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.007 $\pm$ 0.012 χ^2 /NDF: 10.6/15

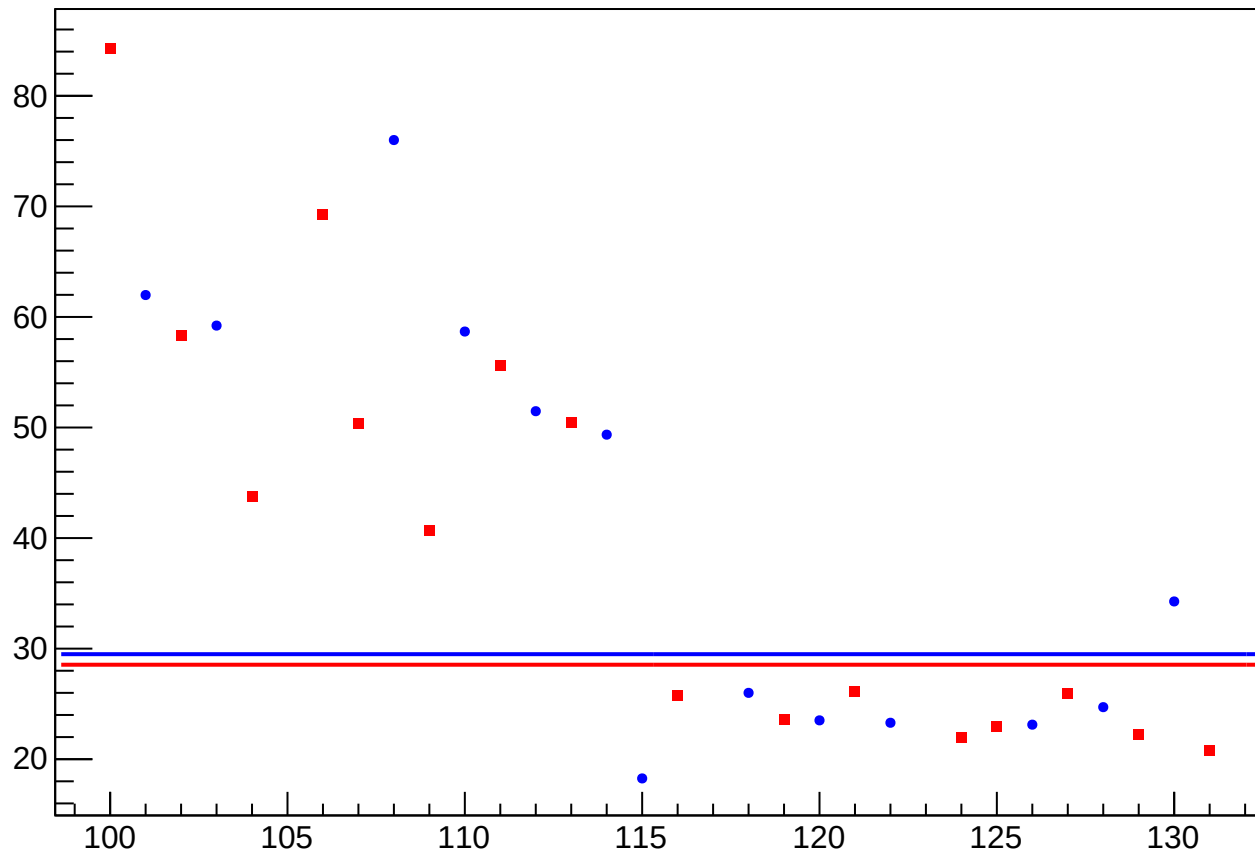
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.003 $\pm$ 0.009 χ^2 /NDF: 20.9/28

- 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: 29.499+/-0.010 χ^2/NDF : 1665954.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.545+/-0.009 χ^2/NDF : 1545911.9/15

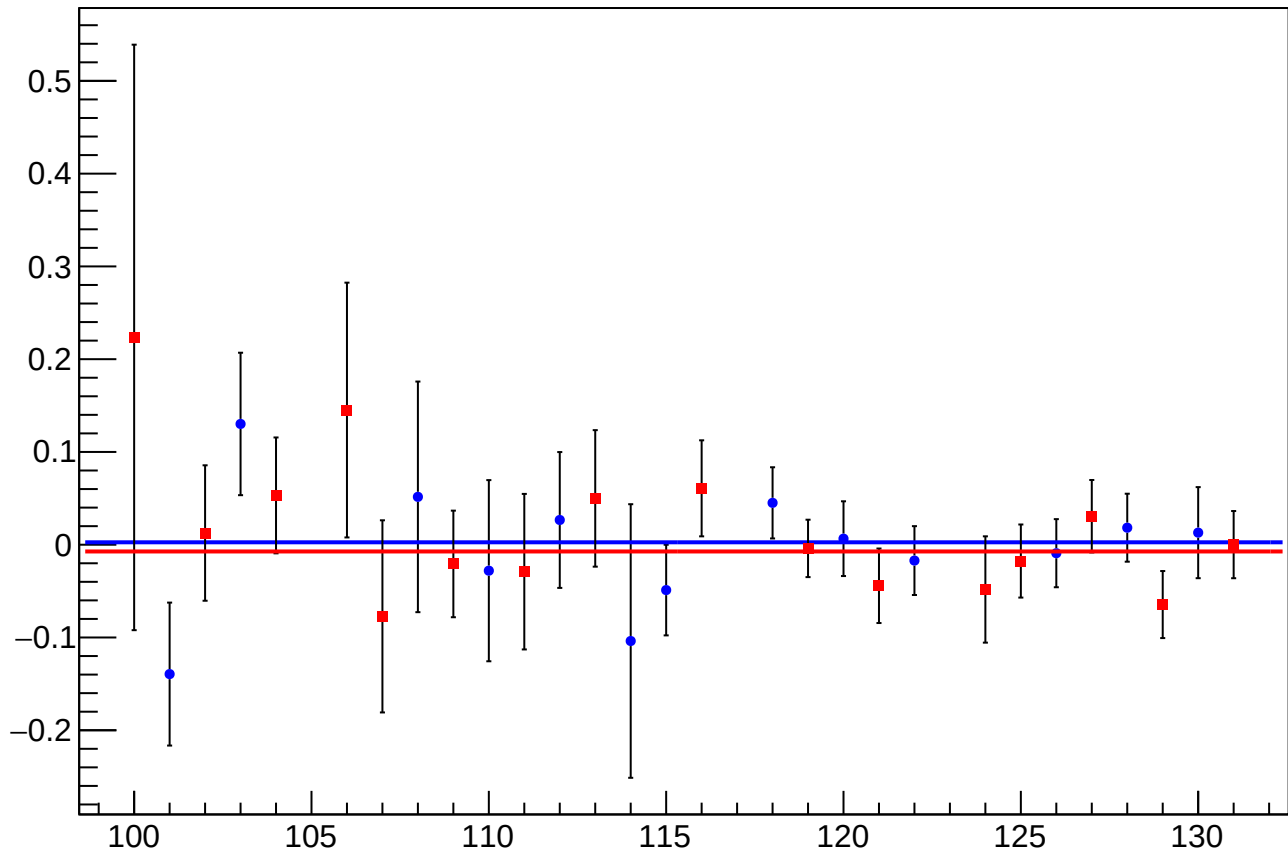
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.967+/-0.007 χ^2/NDF : 3217020.6/28

- 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: 0.003 $\pm$ 0.014 χ^2 /NDF: 10.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.007 $\pm$ 0.012 χ^2 /NDF: 10.6/15

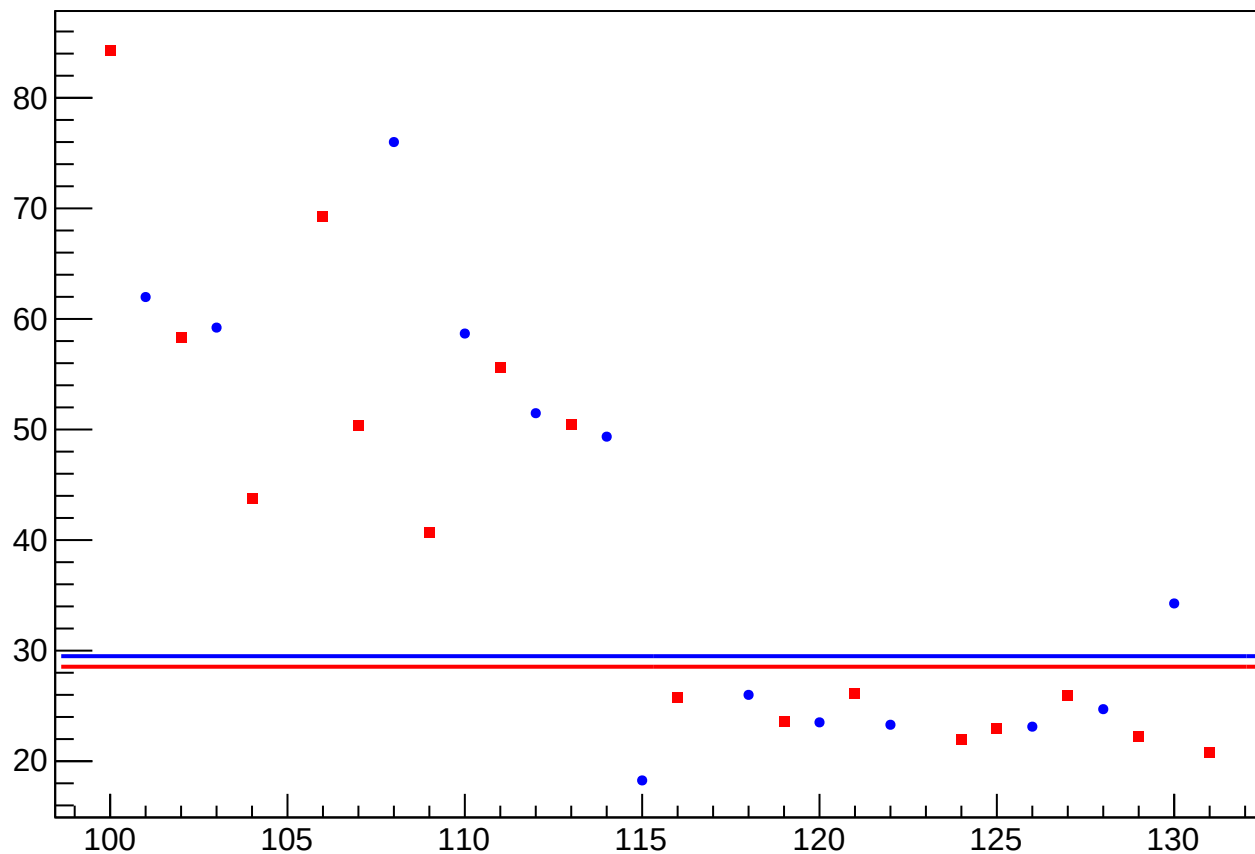
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.003 $\pm$ 0.009 χ^2 /NDF: 20.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 29.499+/-0.010 χ^2/NDF : 1665954.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.545+/-0.009 χ^2/NDF : 1545911.9/15

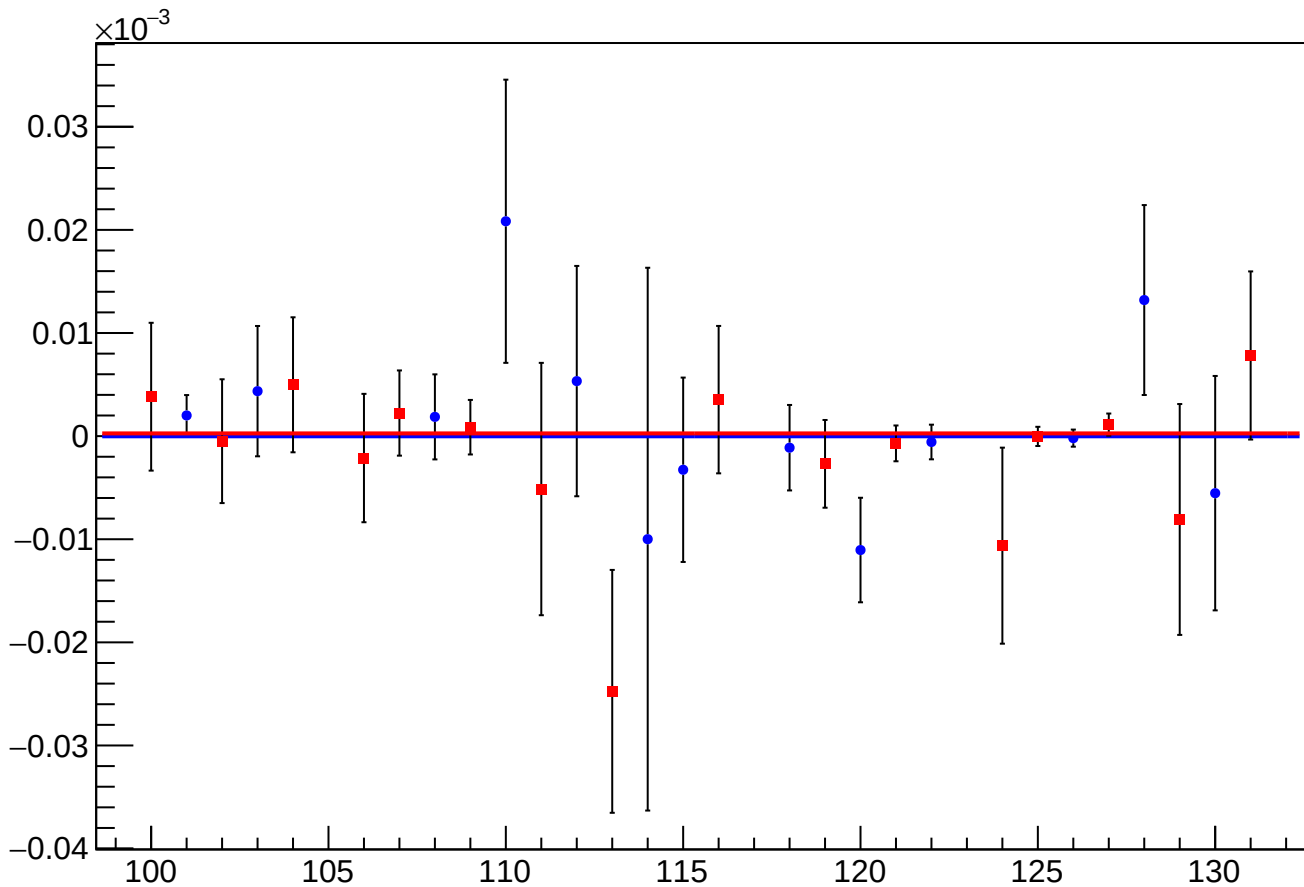
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.967+/-0.007 χ^2/NDF : 3217020.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.4/15

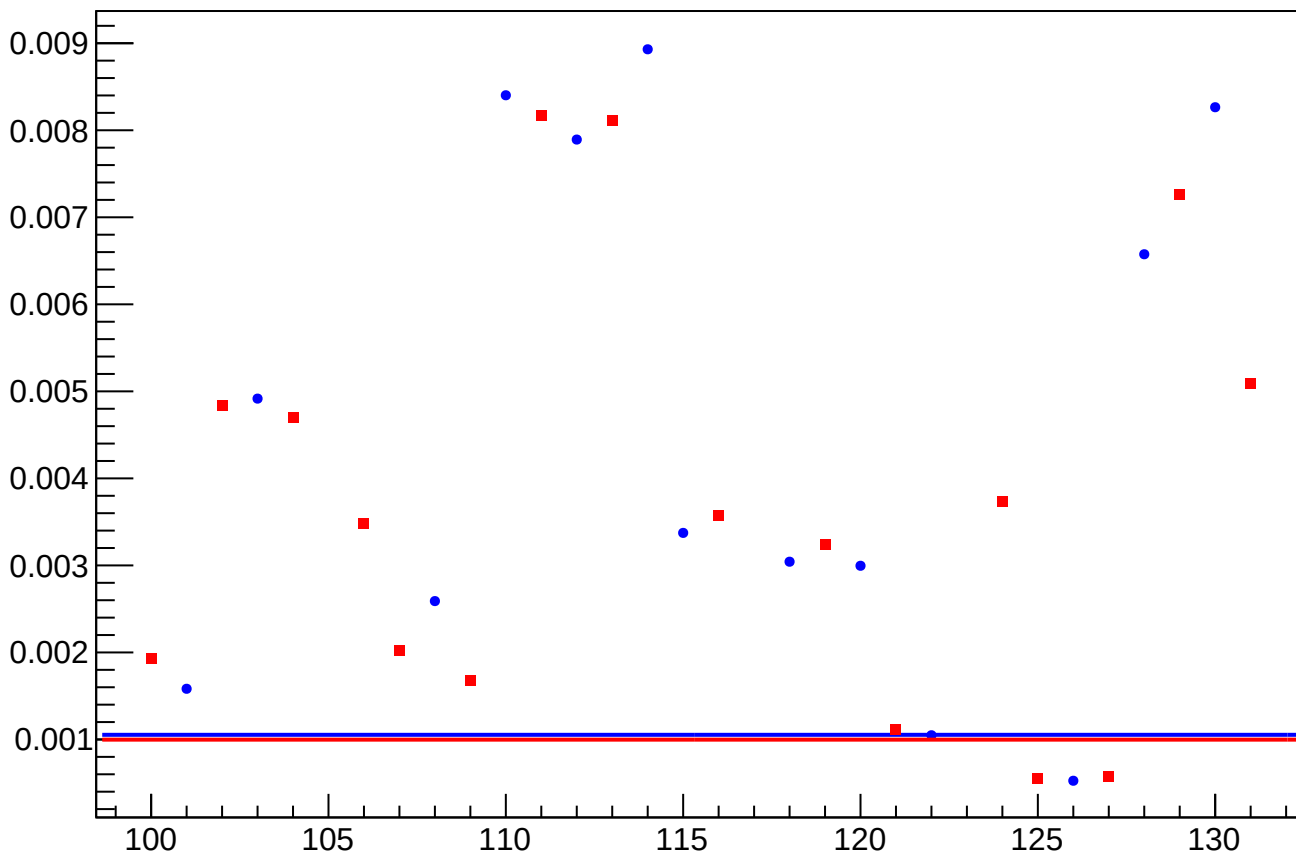
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 5892869.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 6376230.2/15

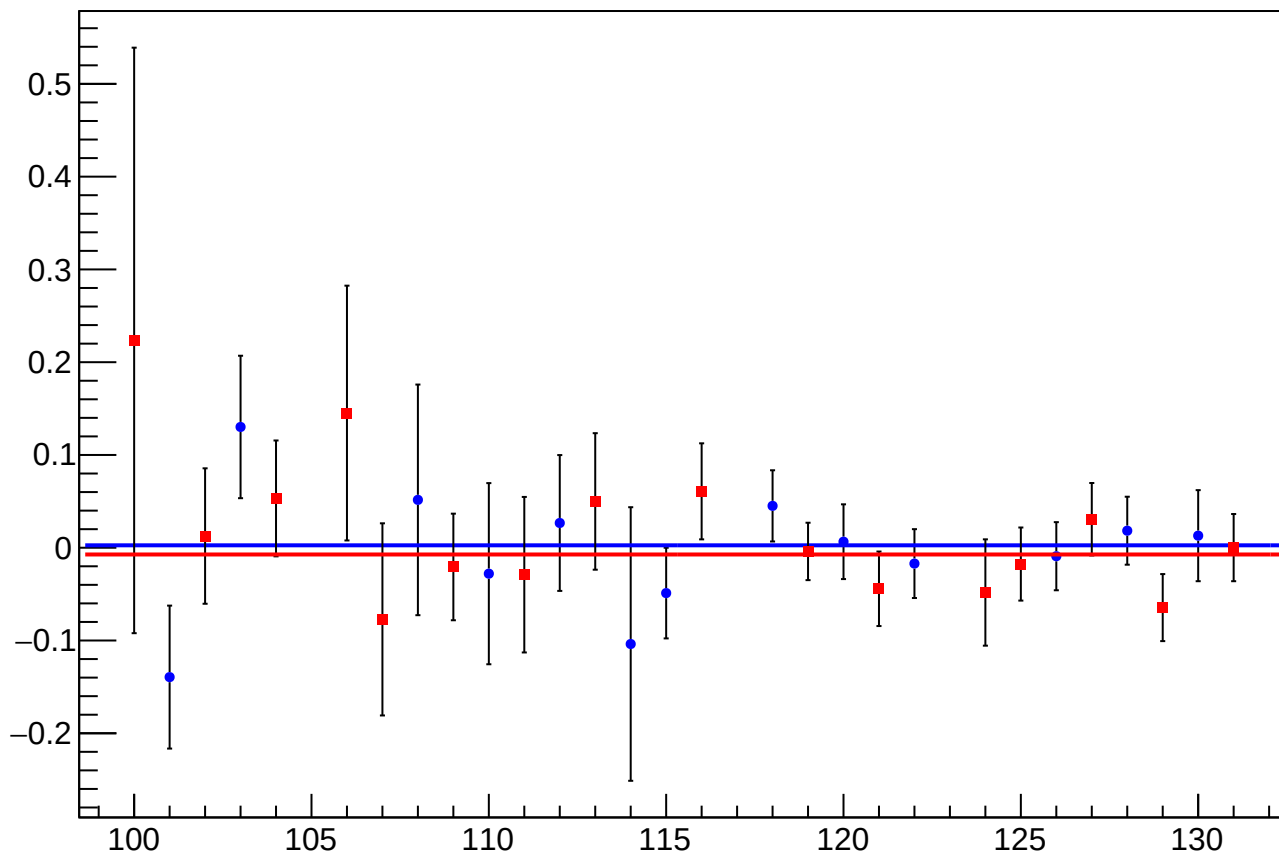
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 12276816.7/28

- 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: 0.003 $\pm$ 0.014 χ^2 /NDF: 10.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.007 $\pm$ 0.012 χ^2 /NDF: 10.6/15

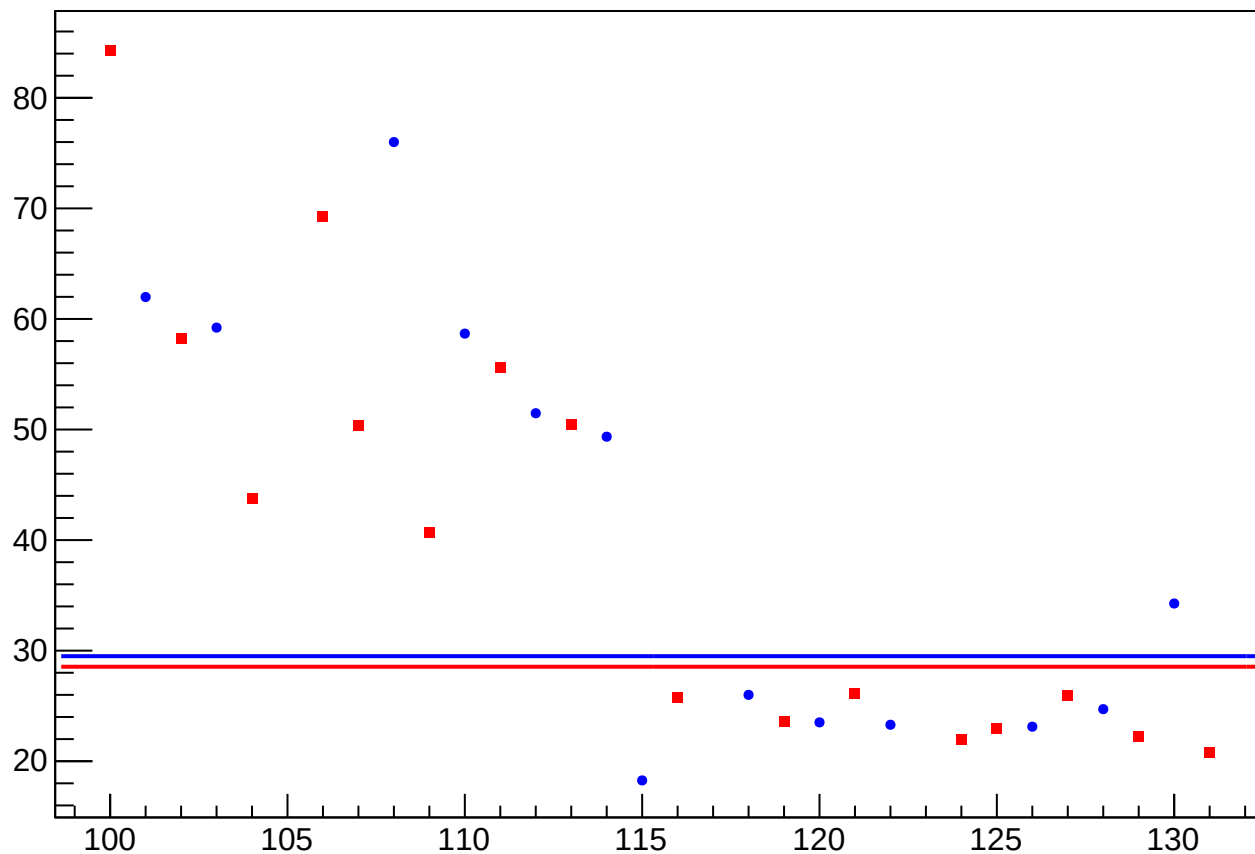
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.003 $\pm$ 0.009 χ^2 /NDF: 20.9/28

- 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: 29.499+/-0.010 χ^2/NDF : 1665776.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.544+/-0.009 χ^2/NDF : 1545902.6/15

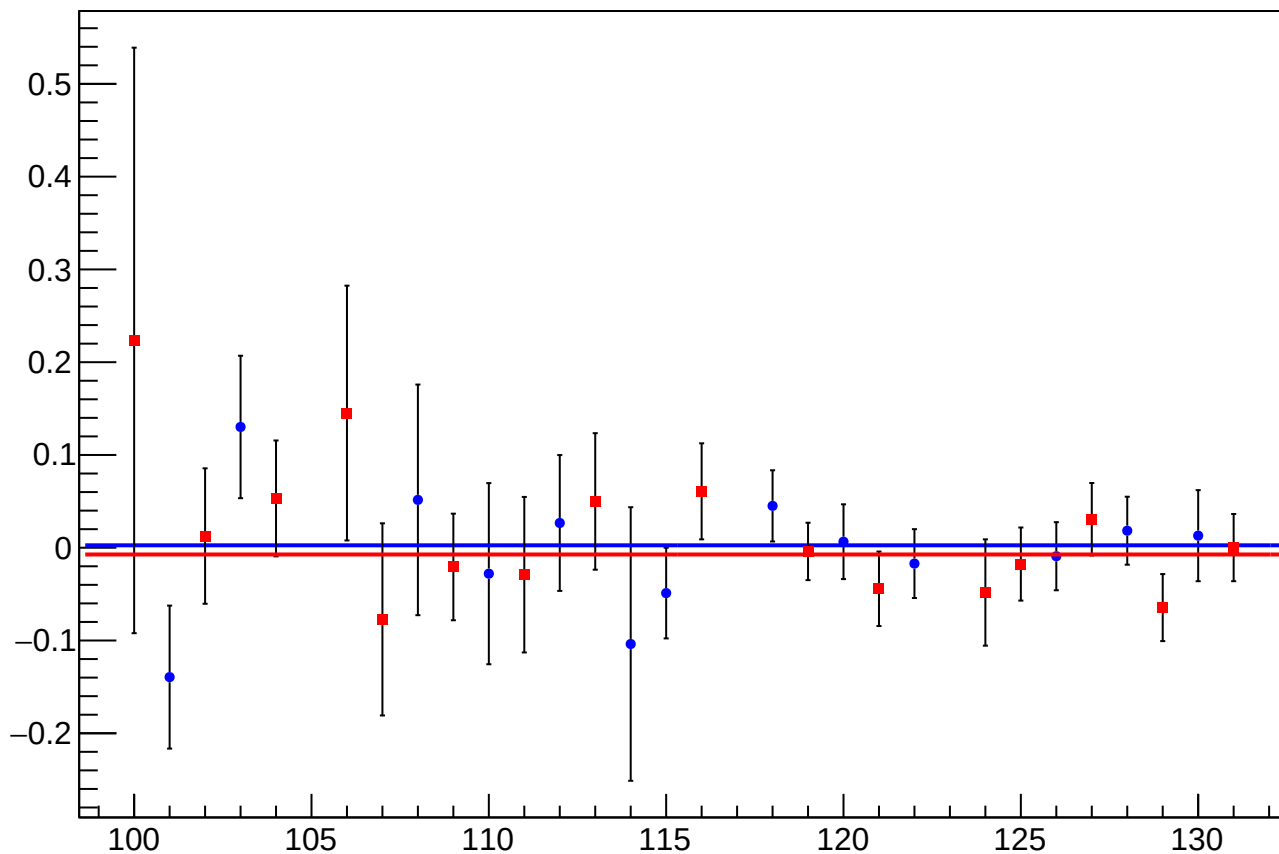
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.967+/-0.007 χ^2/NDF : 3216841.8/28

- 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: 0.003 $\pm$ 0.014 χ^2 /NDF: 10.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.007 $\pm$ 0.012 χ^2 /NDF: 10.6/15

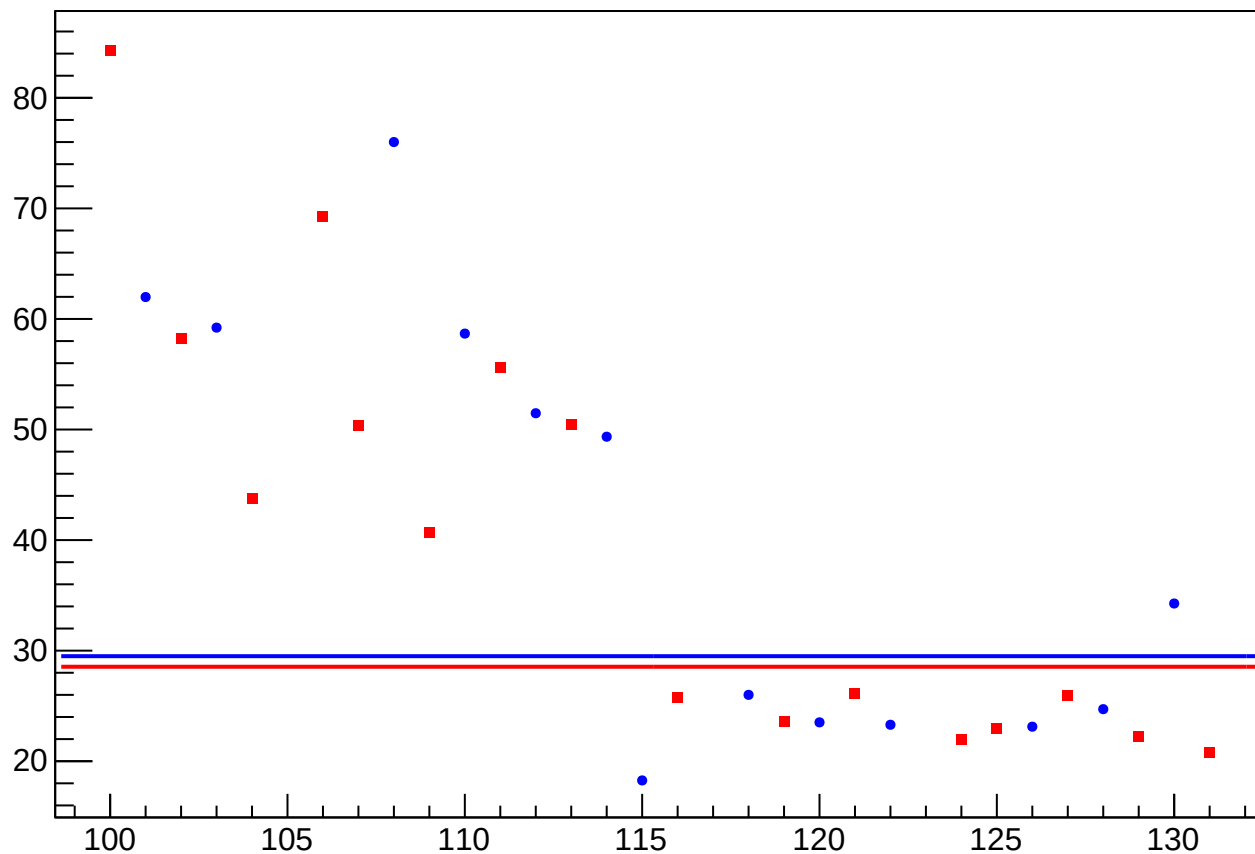
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.003 $\pm$ 0.009 χ^2 /NDF: 20.9/28

- 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: 29.499+/-0.010 χ^2/NDF : 1665776.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.544+/-0.009 χ^2/NDF : 1545902.6/15

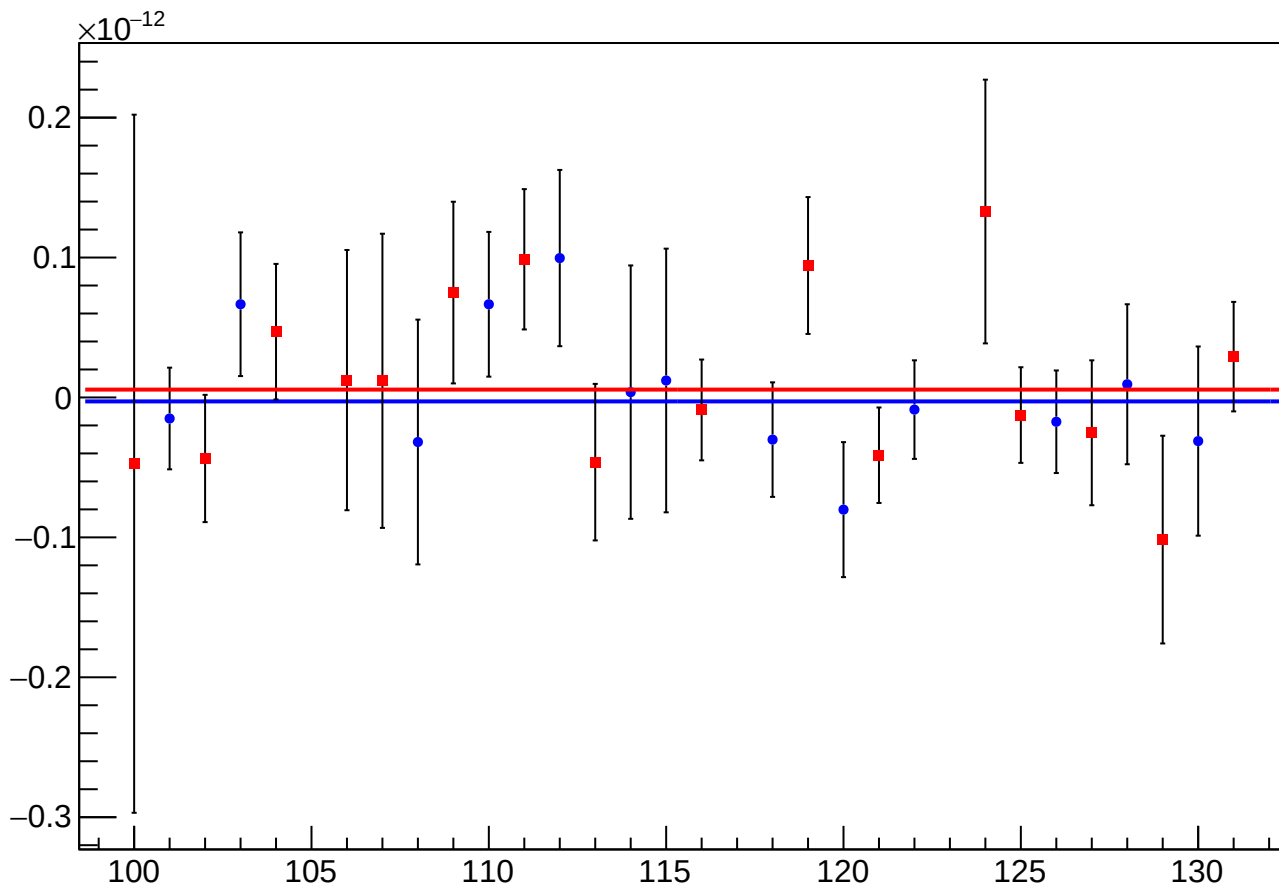
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.967+/-0.007 χ^2/NDF : 3216841.8/28

- 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 : 10.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.7/15

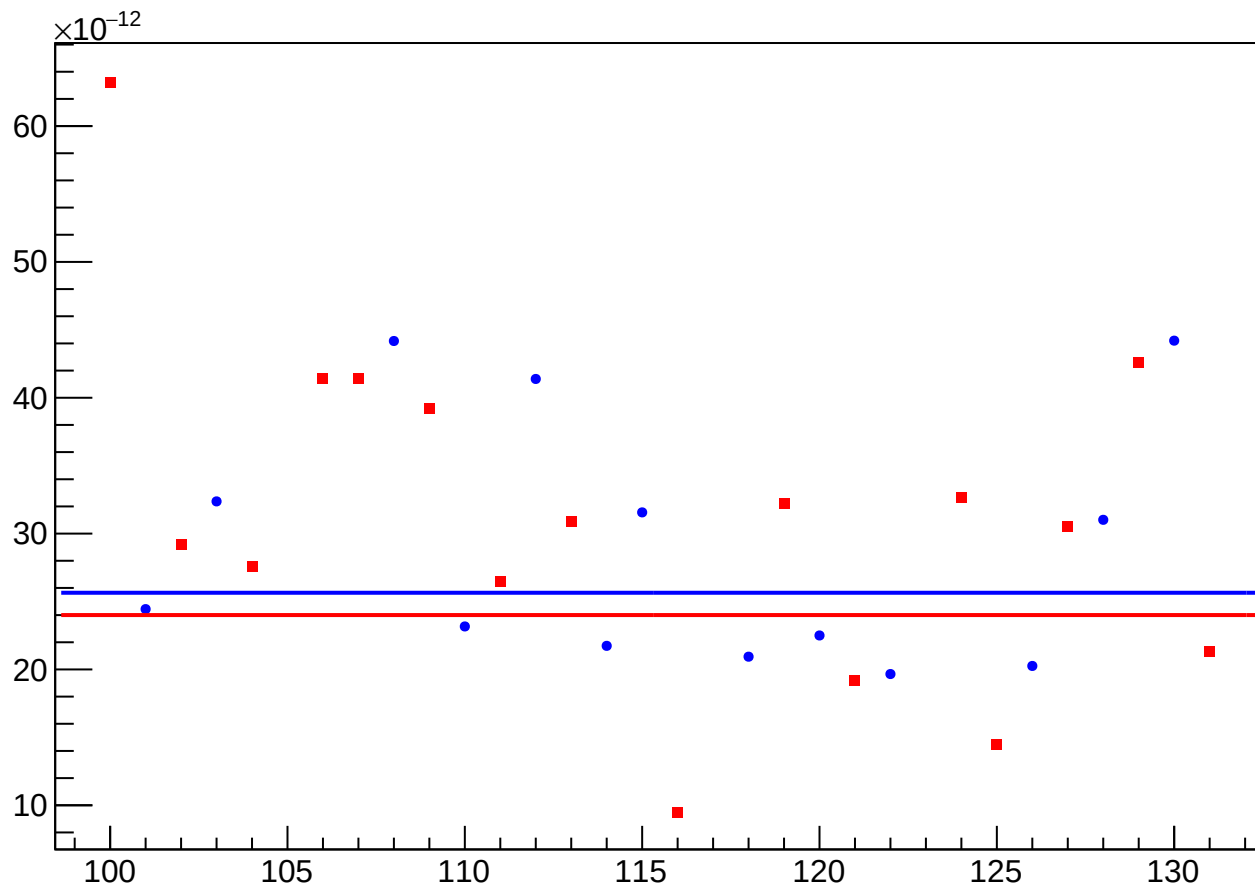
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.8/28

- 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: 571621.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1119366.4/15

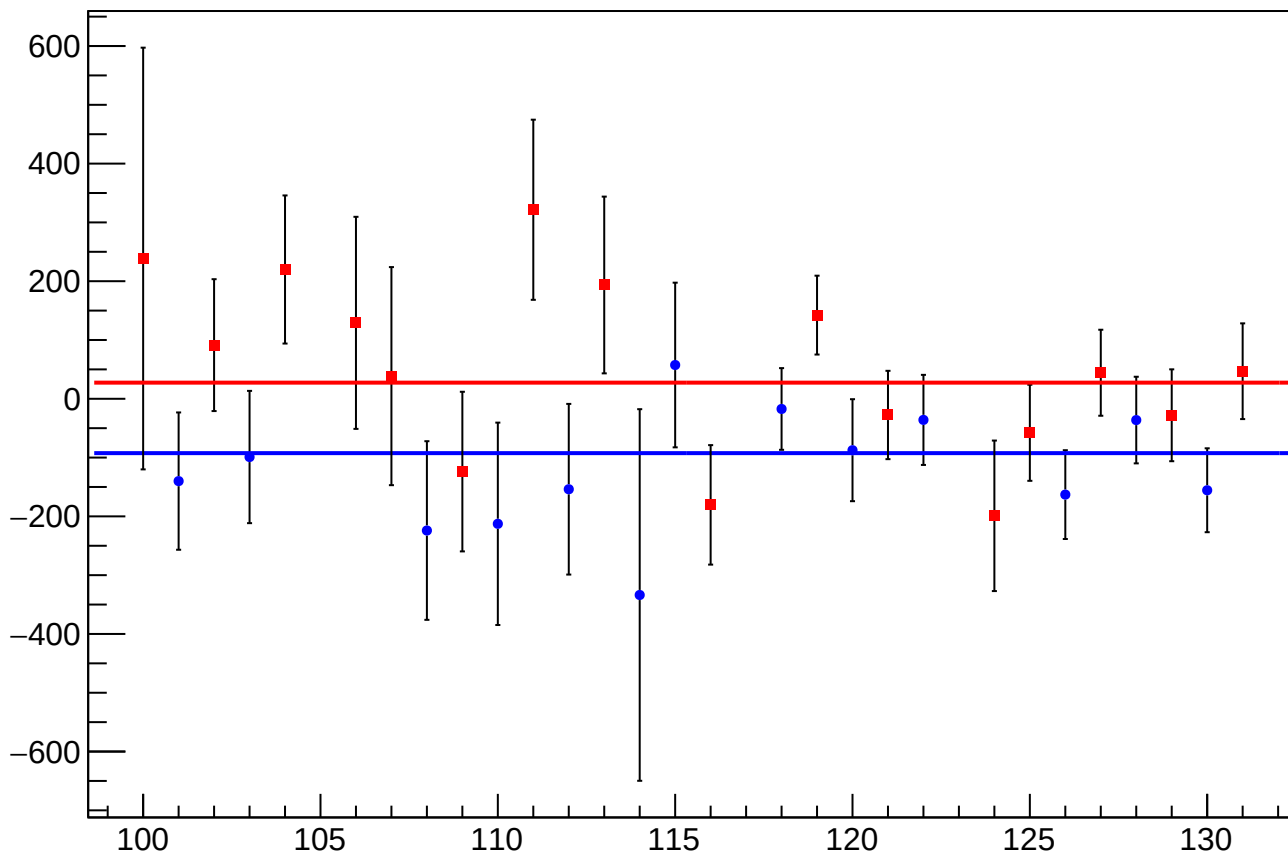
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1706408.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_26_dd_mean vs Slug



Right In: -92.445+/-26.684 χ^2 /NDF: 7.3/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 27.459+/-25.318 χ^2 /NDF: 22.0/15

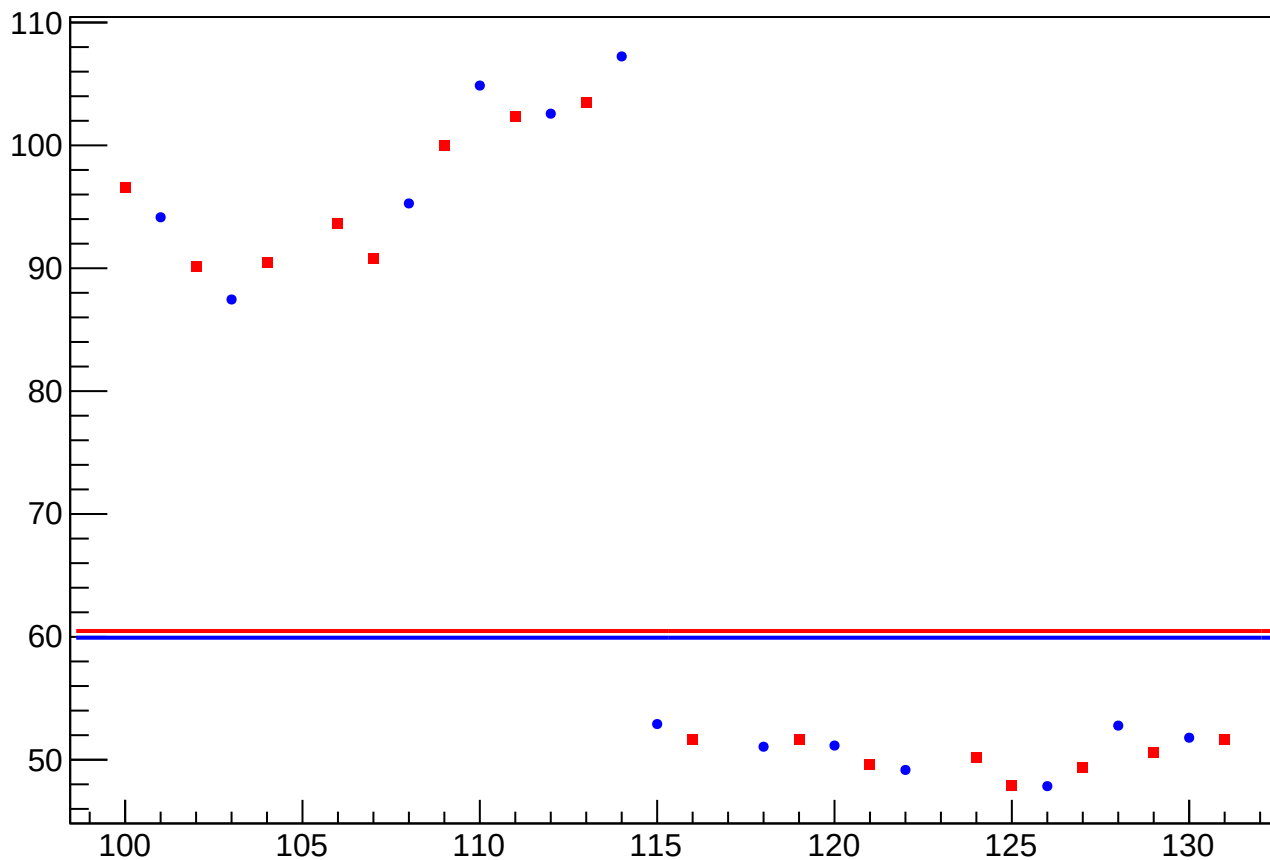
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -29.346+/-18.367 χ^2 /NDF: 39.9/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_26_dd_rms vs Slug



Right In: 59.932+/-0.019 χ^2/NDF : 947132.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.477+/-0.018 χ^2/NDF : 1130441.6/15

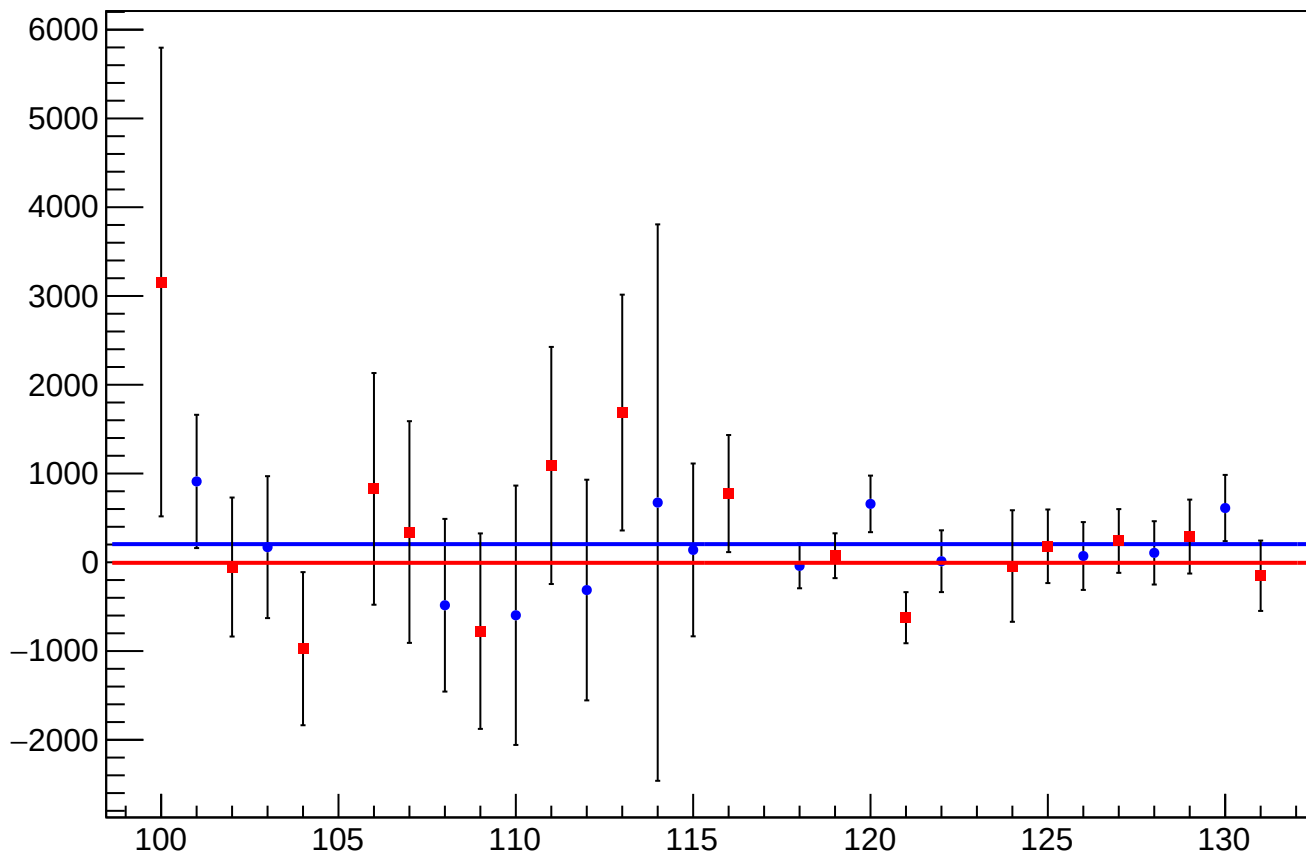
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.219+/-0.013 χ^2/NDF : 2078013.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_reg_correction_mean vs Slug



Right In: 204.554 $\pm$ 126.623 χ^2 /NDF: 6.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -6.070 $\pm$ 124.435 χ^2 /NDF: 13.4/15

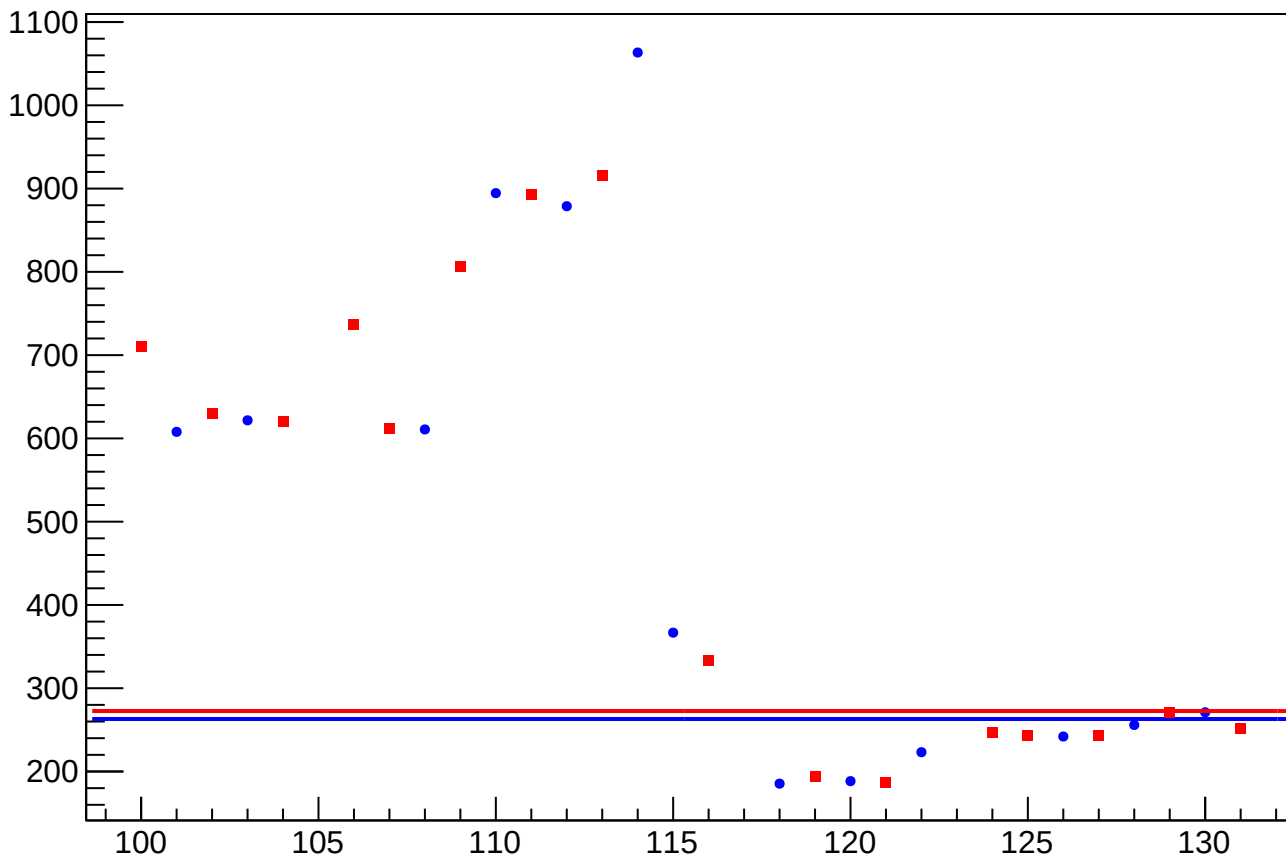
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 97.406 $\pm$ 88.752 χ^2 /NDF: 21.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_reg_correction_rms vs Slug



Right In: 263.058+/-0.090 χ^2/NDF : 2430925.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 272.616+/-0.088 χ^2/NDF : 2992656.0/15

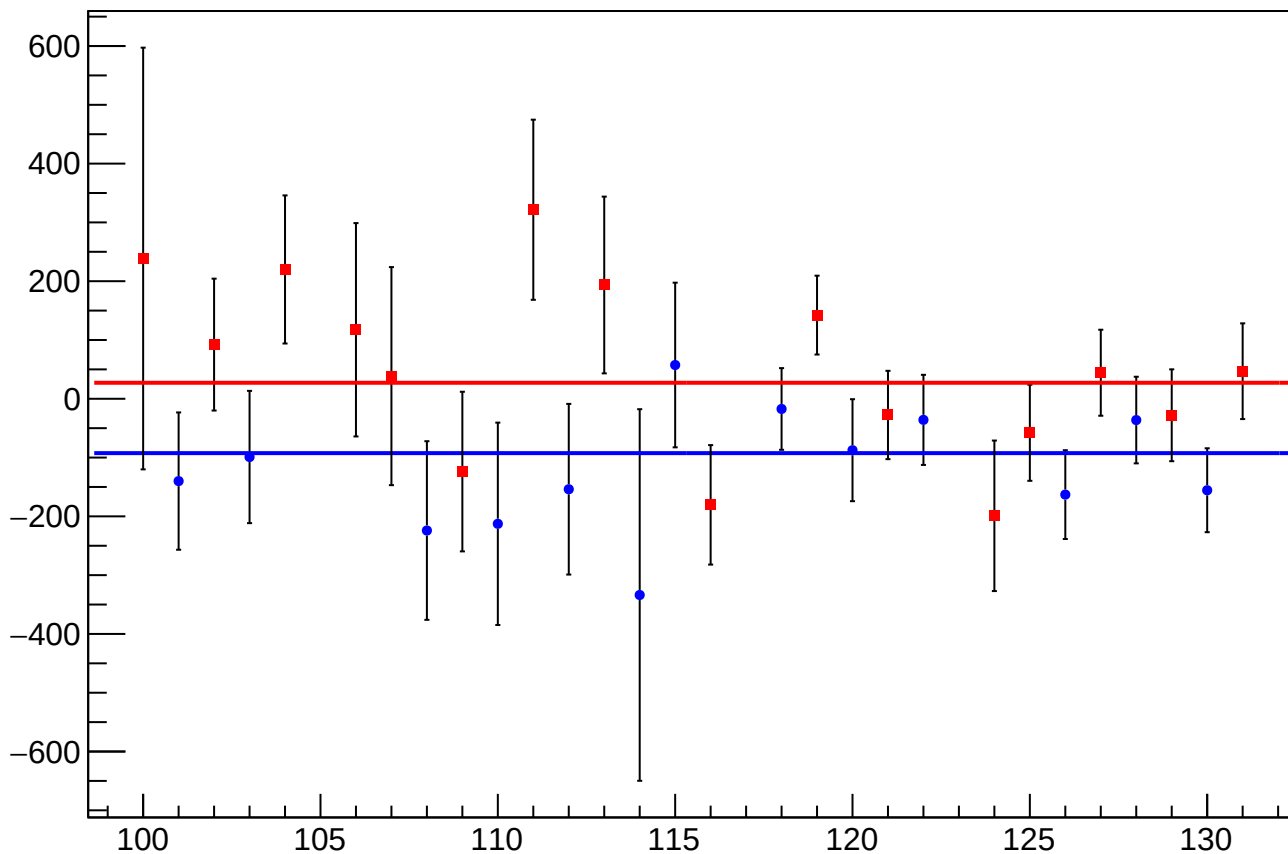
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 267.920+/-0.063 χ^2/NDF : 5429378.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_37_26_dd_mean vs Slug



Right In: -92.446 $\pm$ 26.684 χ^2 /NDF: 7.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.251 $\pm$ 25.321 χ^2 /NDF: 21.9/15

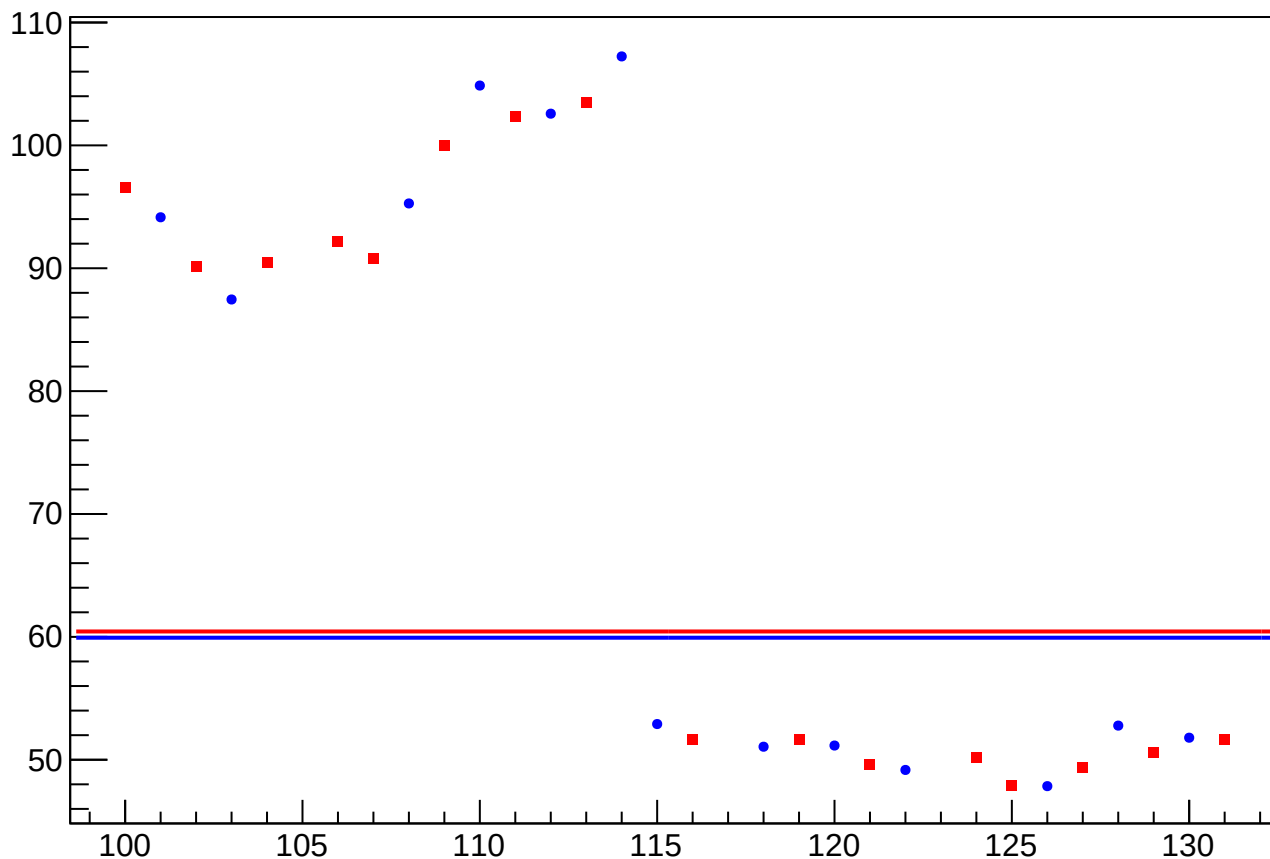
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -29.463 $\pm$ 18.368 χ^2 /NDF: 39.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_26_dd_rms vs Slug



Right In: 59.932+/-0.019 χ^2/NDF : 947133.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.440+/-0.018 χ^2/NDF : 1123729.1/15

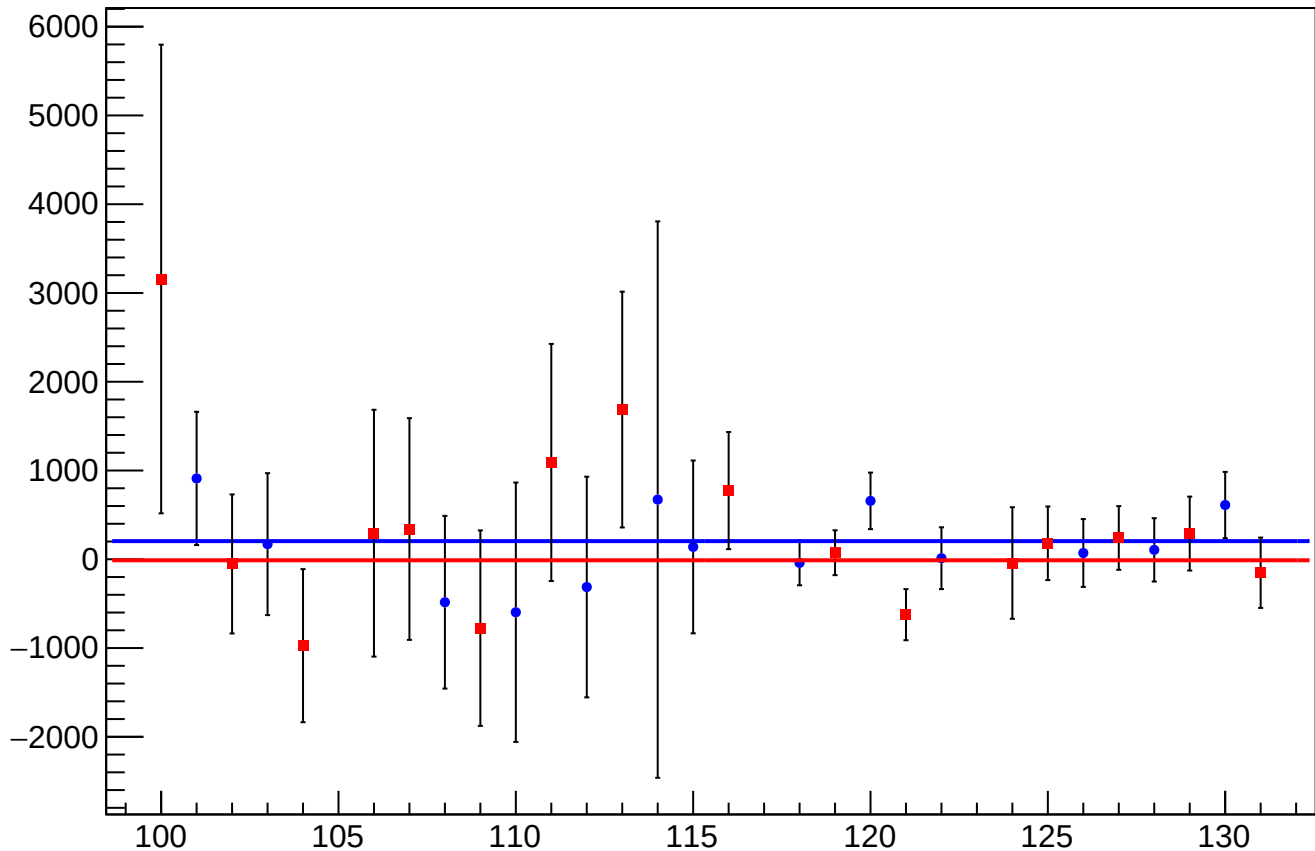
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.200+/-0.013 χ^2/NDF : 2071243.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_cor_correction_mean vs Slug



Right In: 204.550 $\pm$ 126.623 χ^2 /NDF: 6.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -11.216 $\pm$ 124.504 χ^2 /NDF: 13.0/15

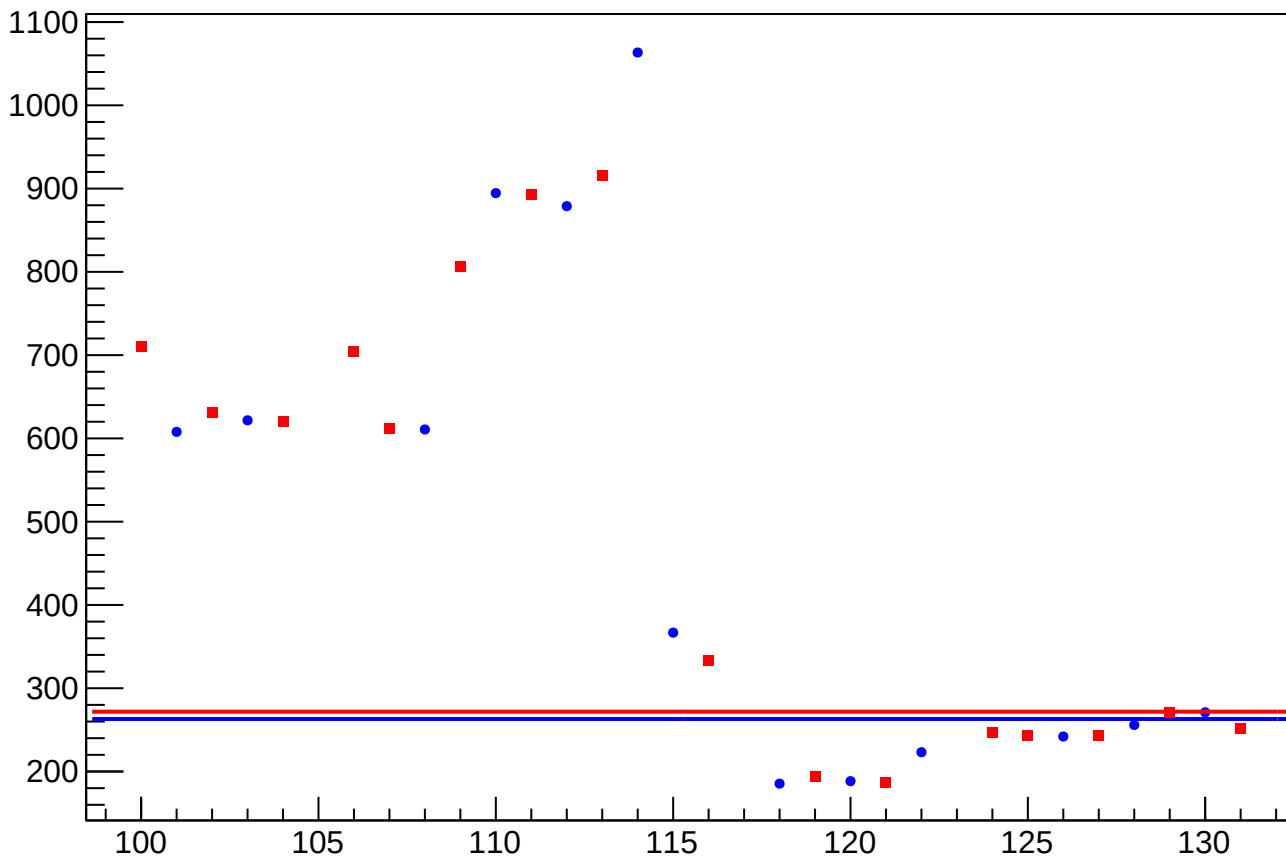
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 94.847 $\pm$ 88.777 χ^2 /NDF: 21.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_cor_correction_rms vs Slug



Right In: 263.057+/-0.090 χ^2/NDF : 2430941.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 271.856+/-0.088 χ^2/NDF : 2933093.1/15

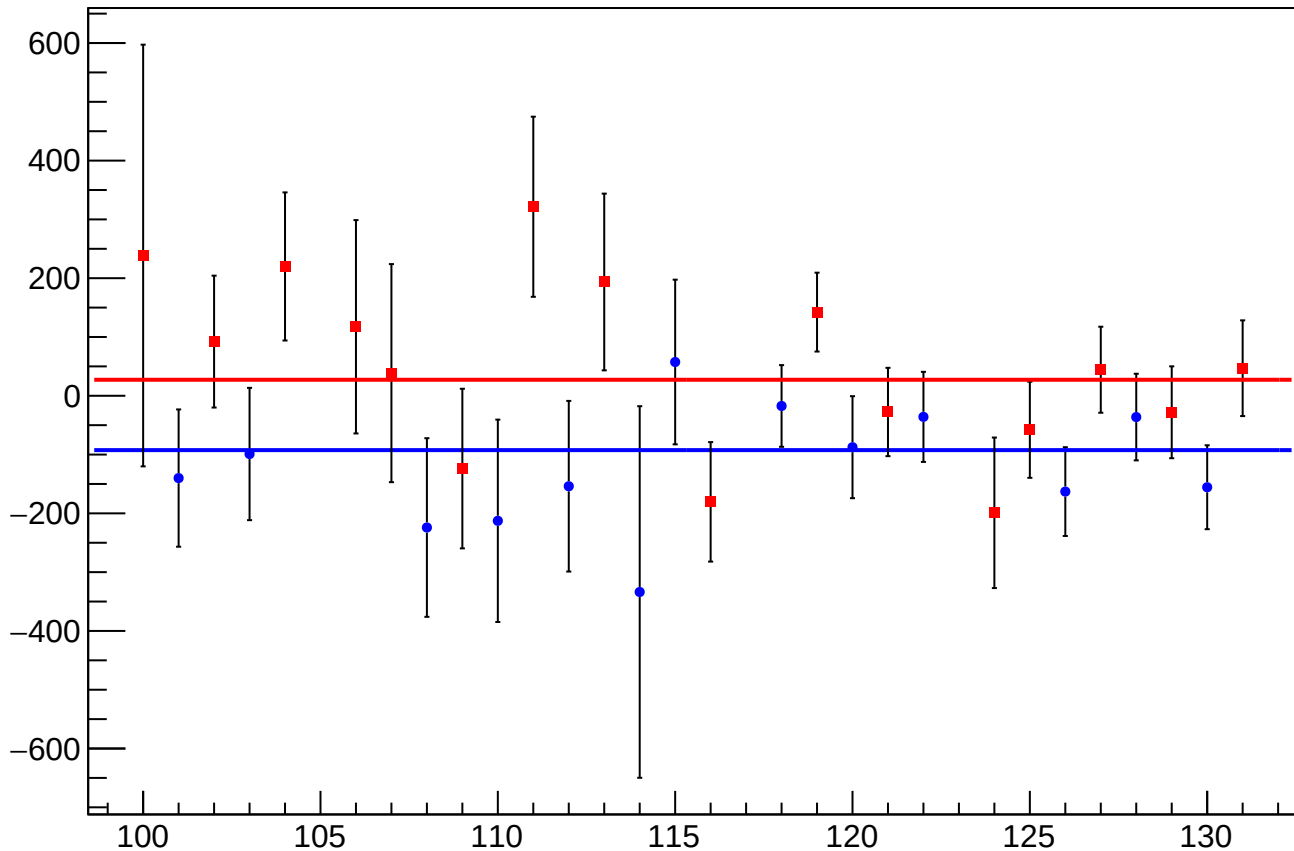
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 267.531+/-0.063 χ^2/NDF : 5368945.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_37_26_dd_mean vs Slug



Right In: -92.446 $\pm$ 26.684 χ^2 /NDF: 7.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.251 $\pm$ 25.321 χ^2 /NDF: 21.9/15

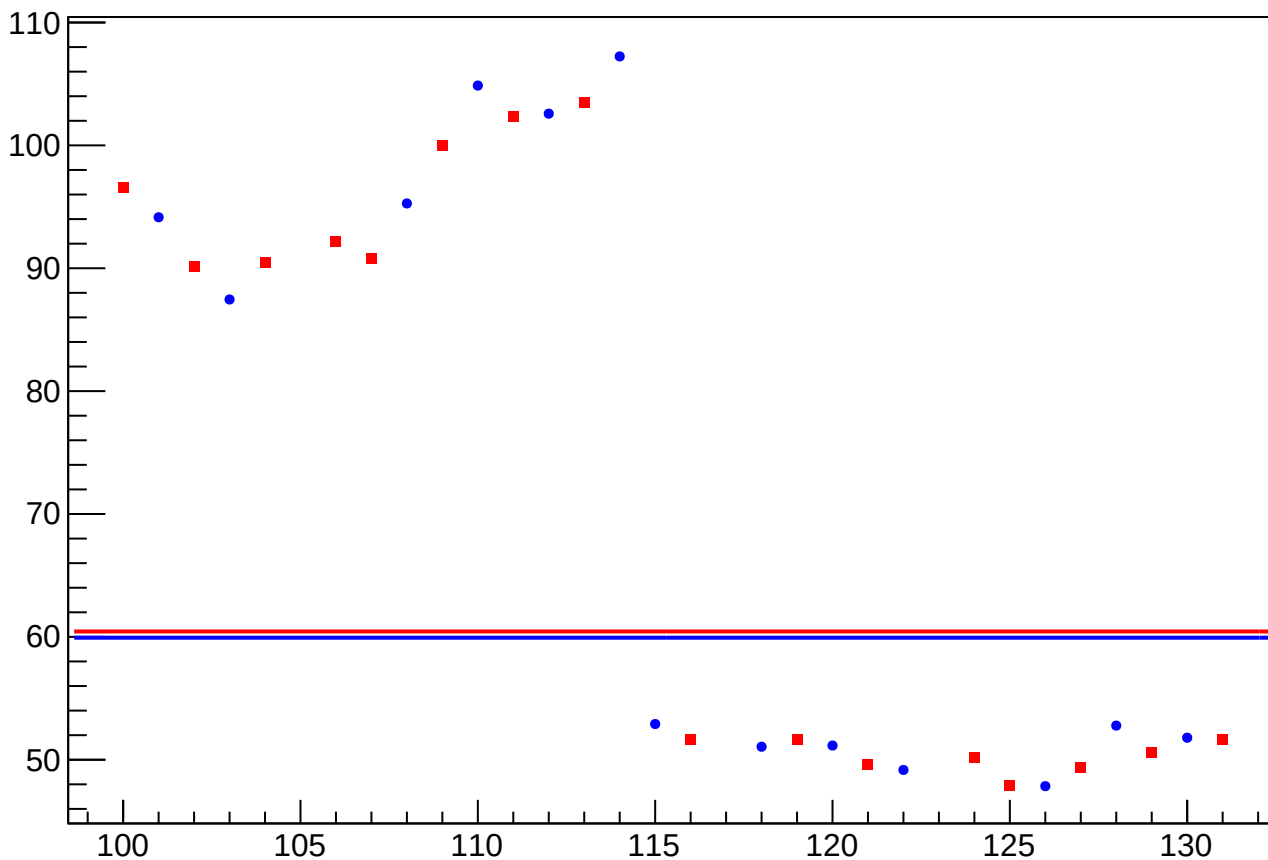
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -29.463 $\pm$ 18.368 χ^2 /NDF: 39.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_37_26_dd_rms vs Slug



Right In: 59.932 $\pm$ 0.019 χ^2 /NDF: 947133.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 60.440 $\pm$ 0.018 χ^2 /NDF: 1123729.1/15

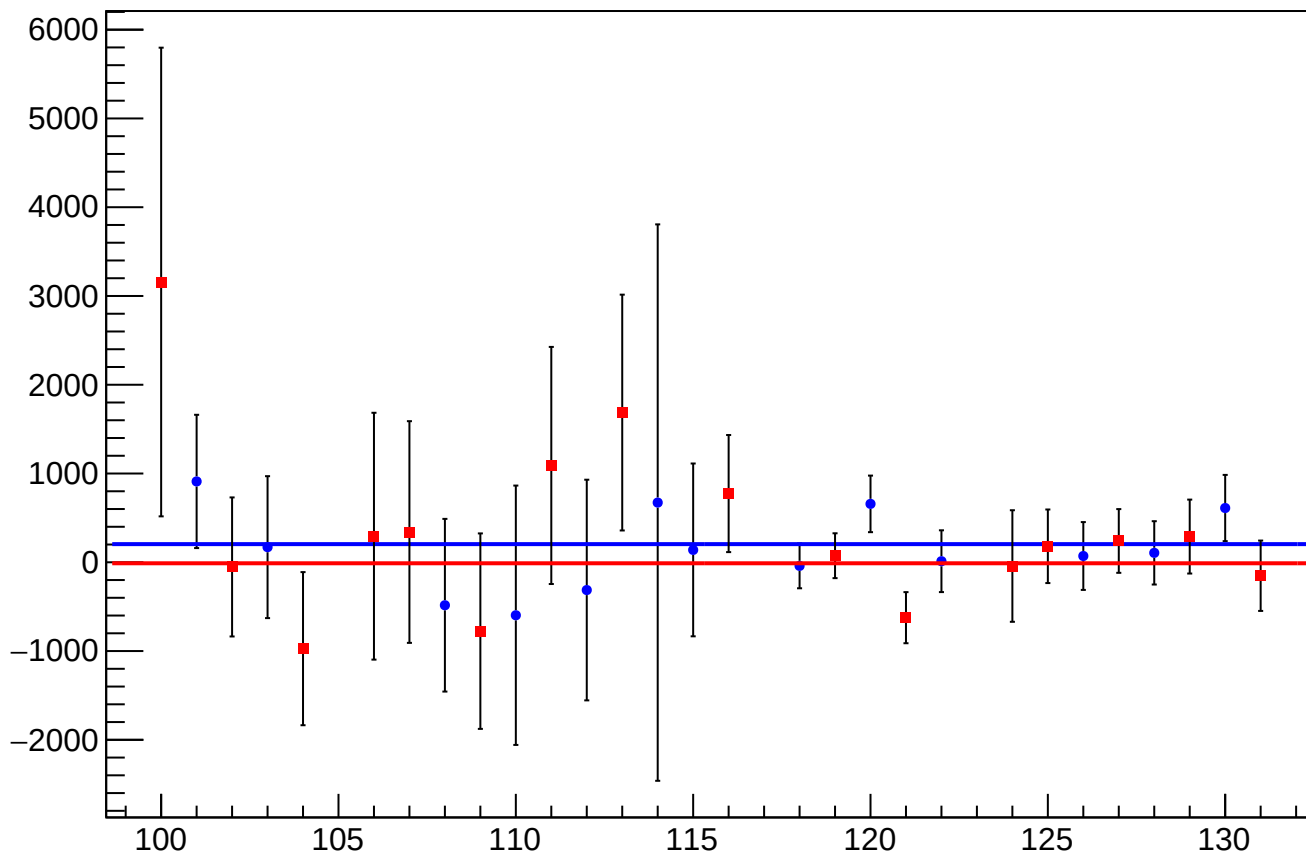
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 60.200 $\pm$ 0.013 χ^2 /NDF: 2071243.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_cor_correction_mean vs Slug



Right In: 204.550+/-126.623 χ^2/NDF : 6.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.216+/-124.504 χ^2/NDF : 13.0/15

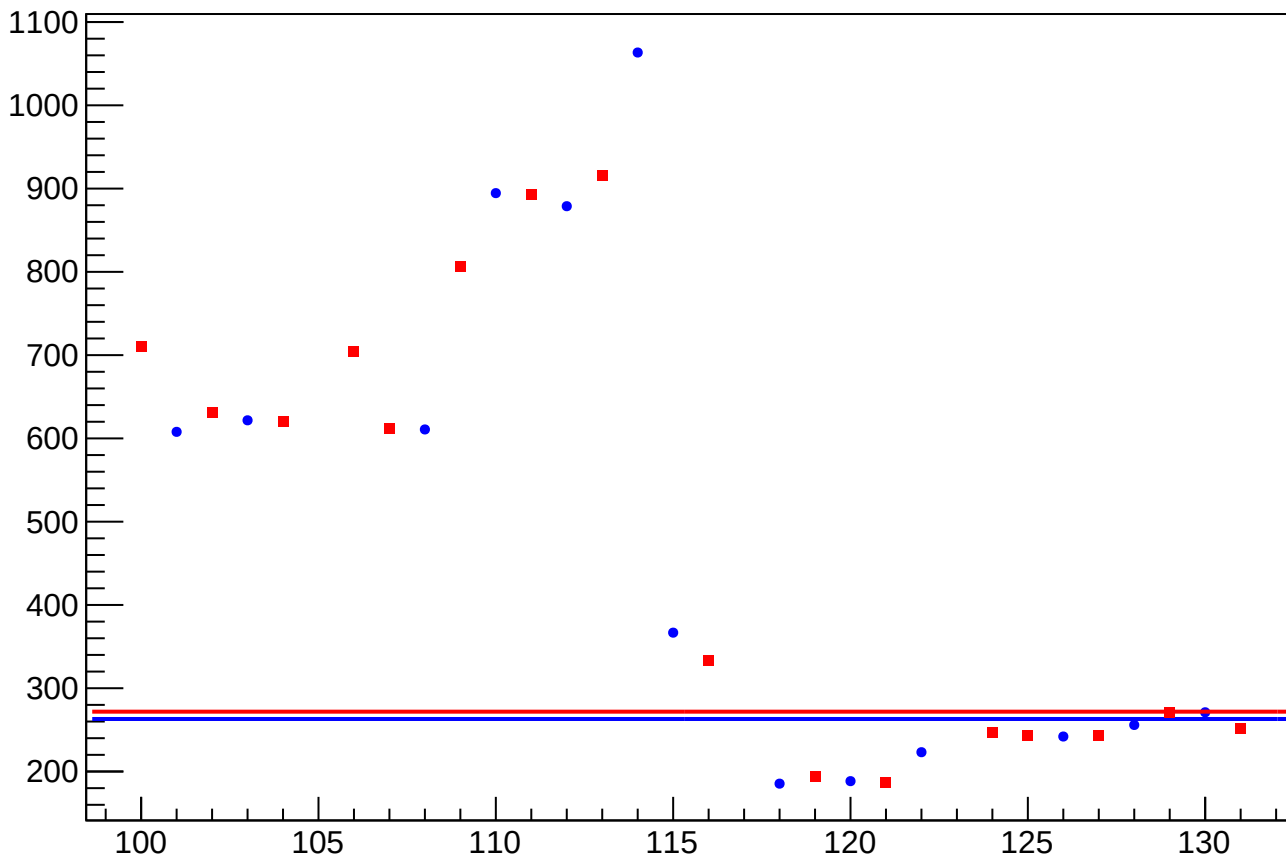
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.847+/-88.777 χ^2/NDF : 21.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_eigen_cor_correction_rms vs Slug



Right In: 263.057+/-0.090 χ^2/NDF : 2430941.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 271.856+/-0.088 χ^2/NDF : 2933093.1/15

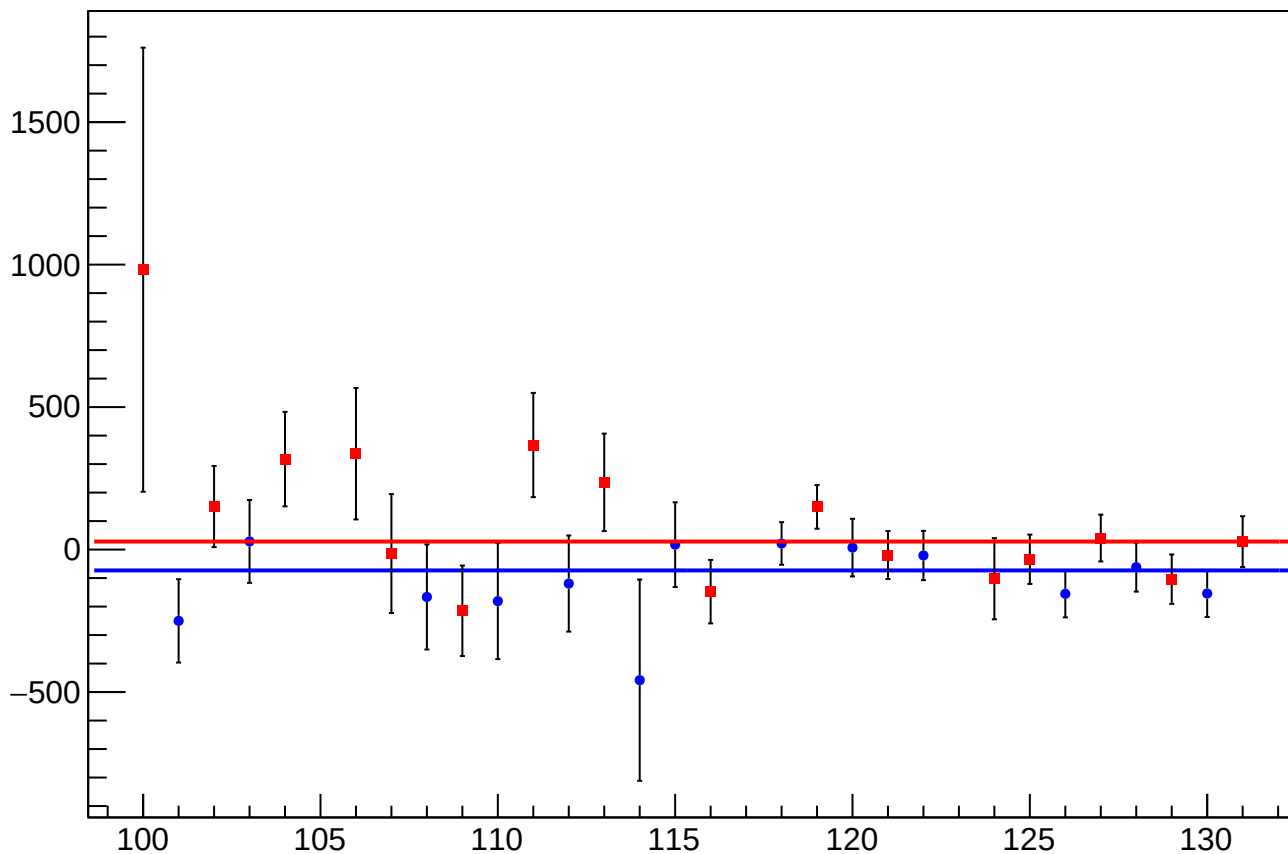
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 267.531+/-0.063 χ^2/NDF : 5368945.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_26_dd_mean vs Slug



Right In: -73.142 ± 30.499 χ^2/NDF : 8.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 28.159 ± 28.685 χ^2/NDF : 23.4/15

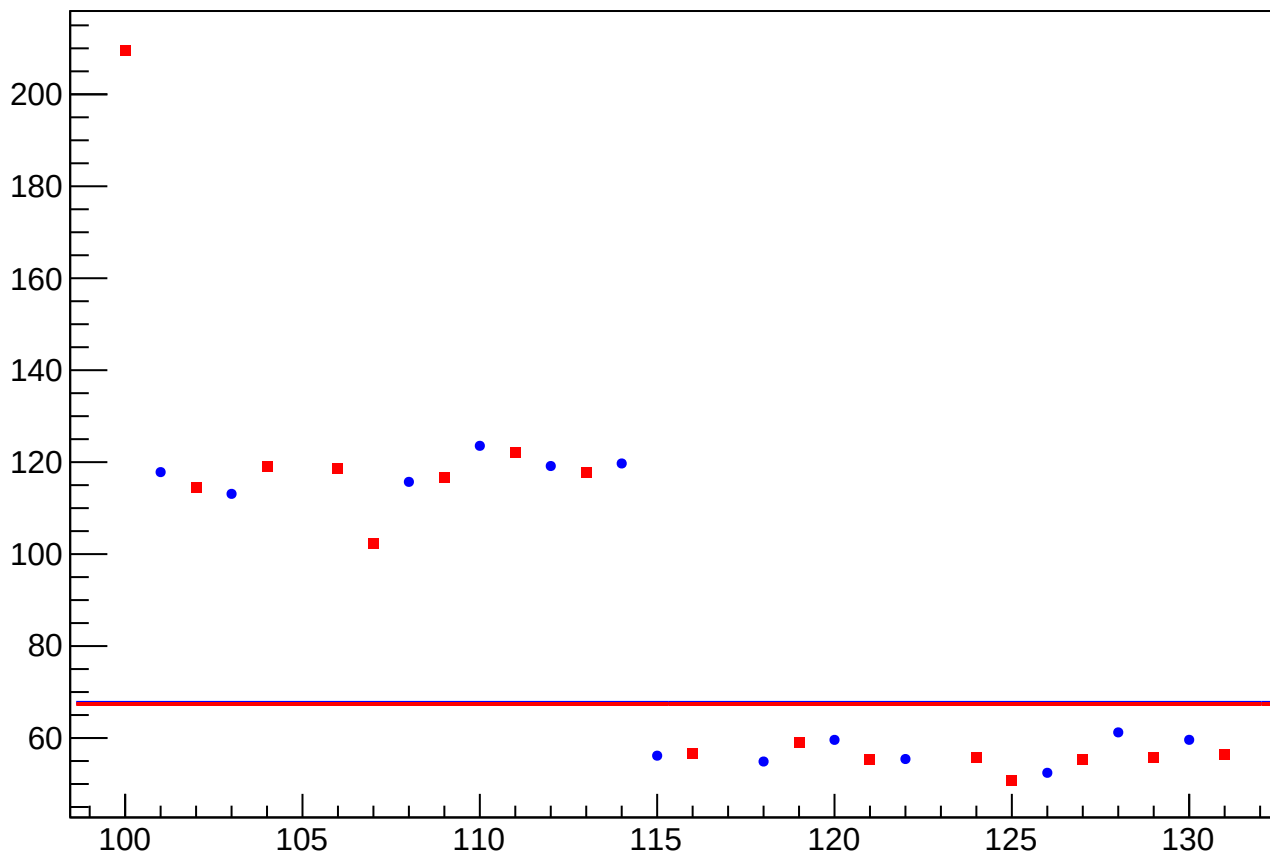
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -19.390 ± 20.895 χ^2/NDF : 37.9/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_26_dd_rms vs Slug



Right In: 67.640 $\pm$ 0.022 χ^2 /NDF: 1168296.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.402 $\pm$ 0.020 χ^2 /NDF: 1460612.7/15

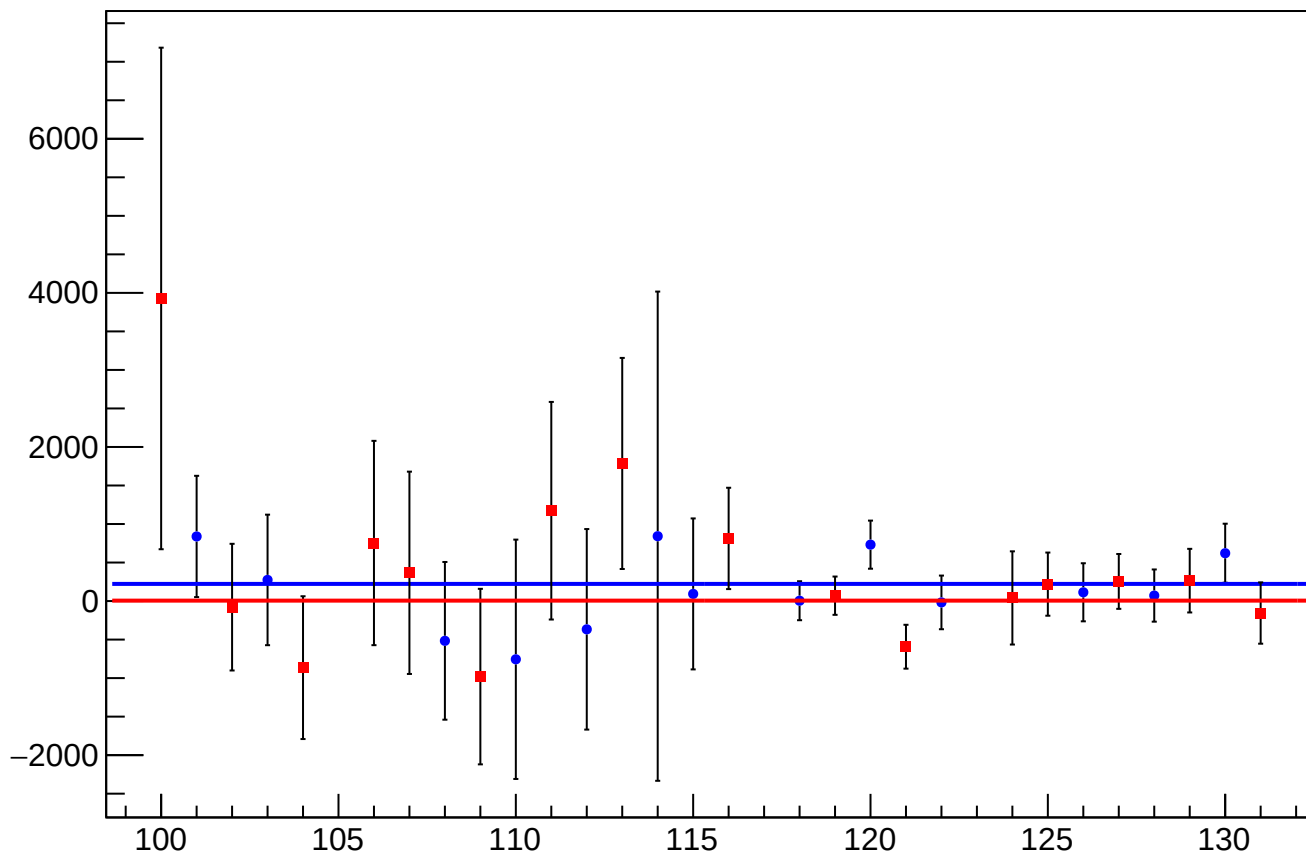
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 67.514 $\pm$ 0.015 χ^2 /NDF: 2628973.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_dit_correction_mean vs Slug



Right In: 222.643 $\pm$ 126.168 χ^2 /NDF: 7.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.609 $\pm$ 123.738 χ^2 /NDF: 13.2/15

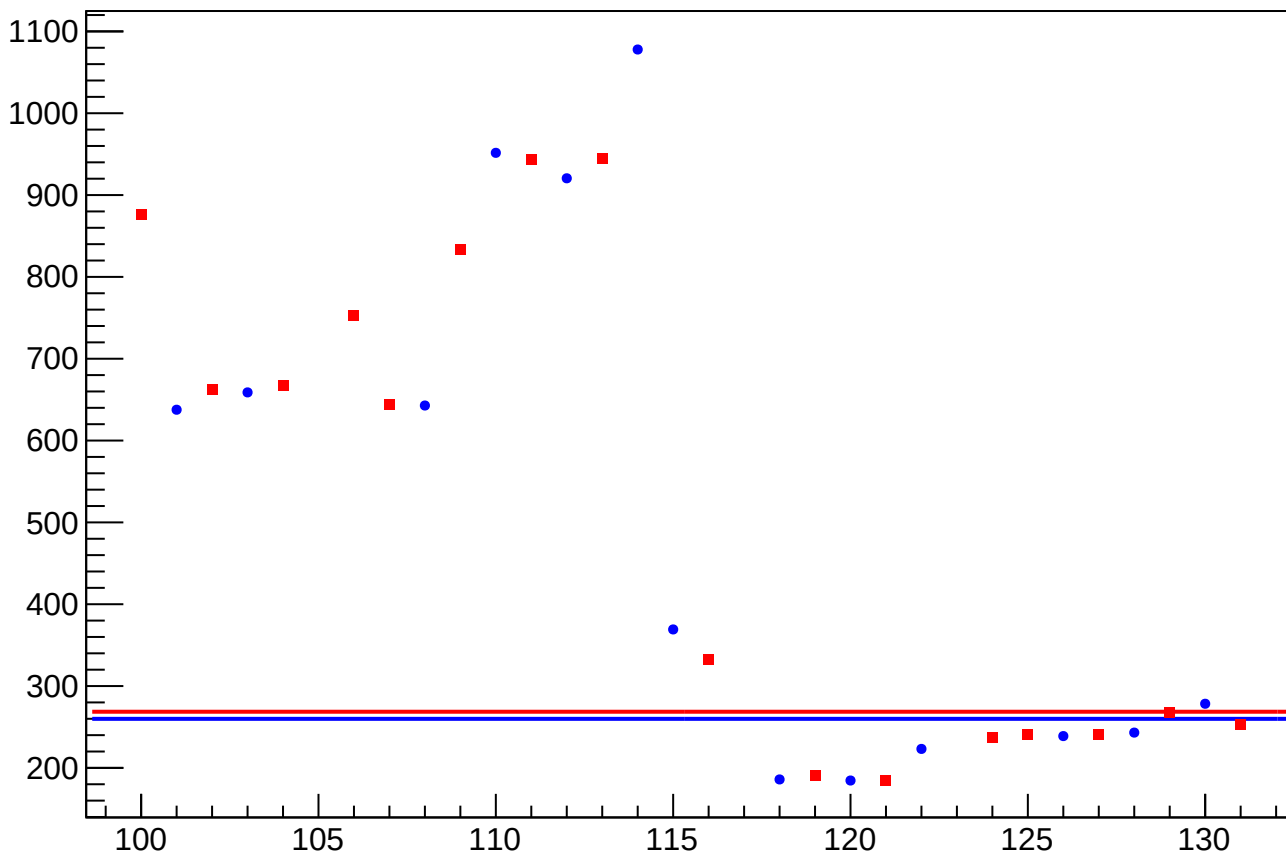
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 112.016 $\pm$ 88.343 χ^2 /NDF: 21.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_dit_correction_rms vs Slug



Right In: 259.930+/-0.089 χ^2/NDF : 2579357.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

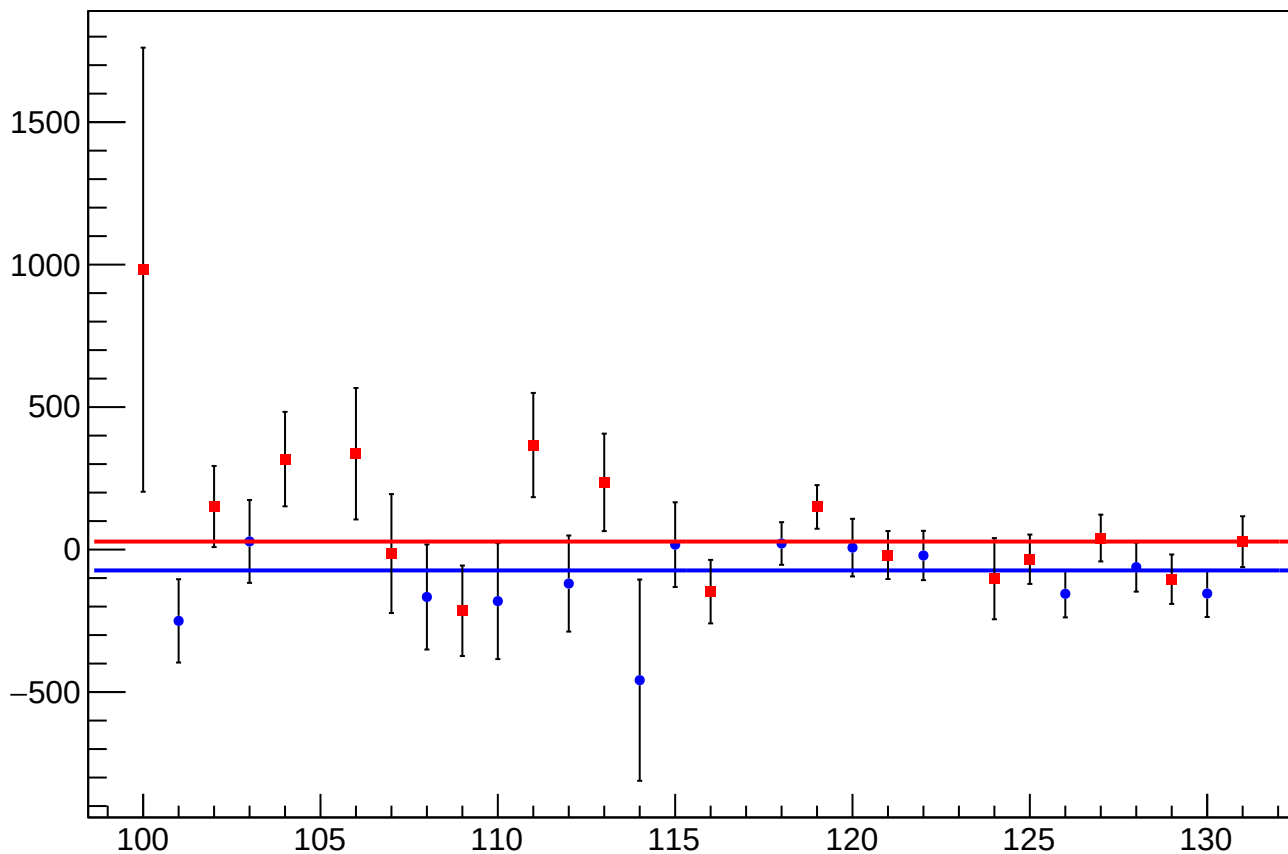
Right Out: 268.624+/-0.087 χ^2/NDF : 3184481.8/15

All: 264.361+/-0.062 χ^2/NDF : 5768680.6/28

- 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_26_dd_mean vs Slug



Right In: -73.142 $\pm$ 30.499 χ^2 /NDF: 8.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 28.163 $\pm$ 28.685 χ^2 /NDF: 23.4/15

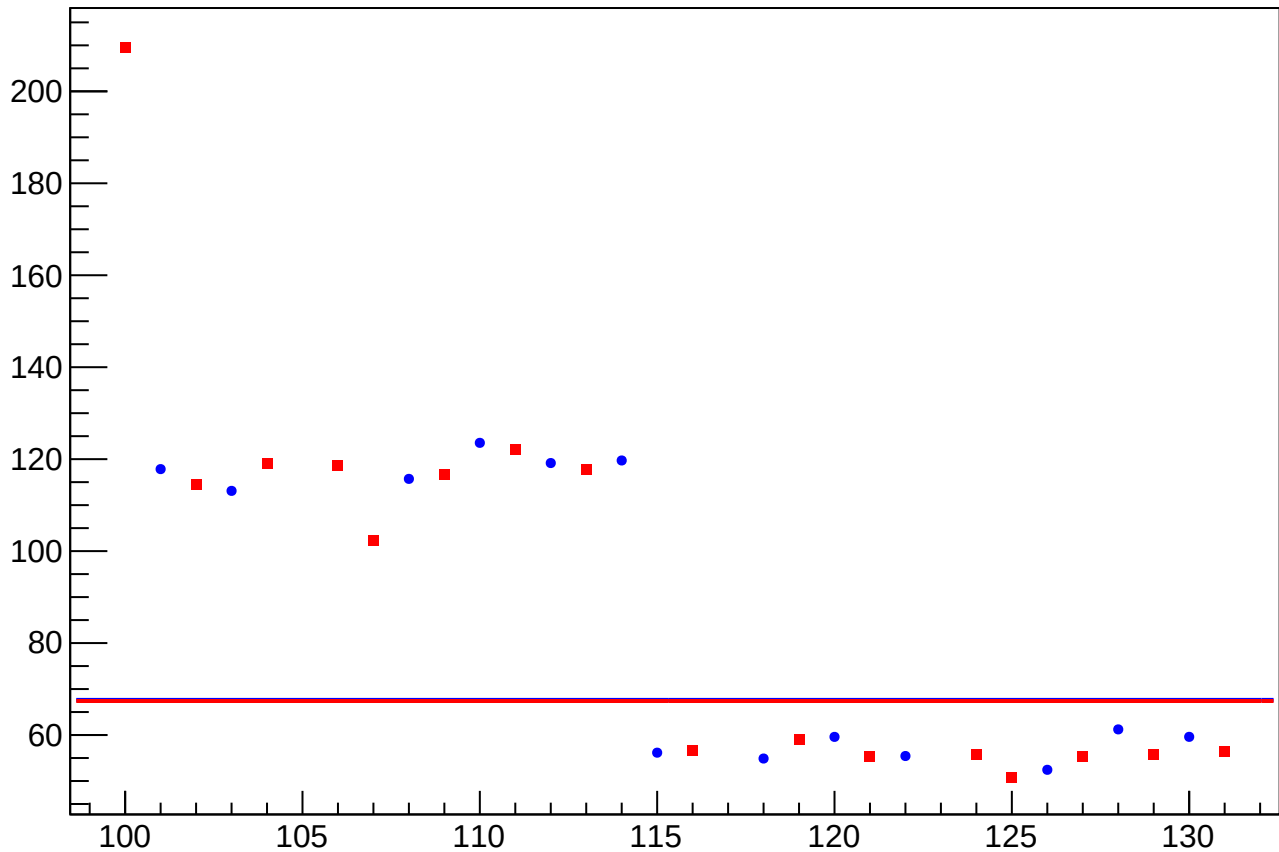
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -19.388 $\pm$ 20.895 χ^2 /NDF: 37.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_37_26_dd_rms vs Slug



Right In: 67.639+/-0.022 χ^2/NDF : 1168291.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.402+/-0.020 χ^2/NDF : 1460598.5/15

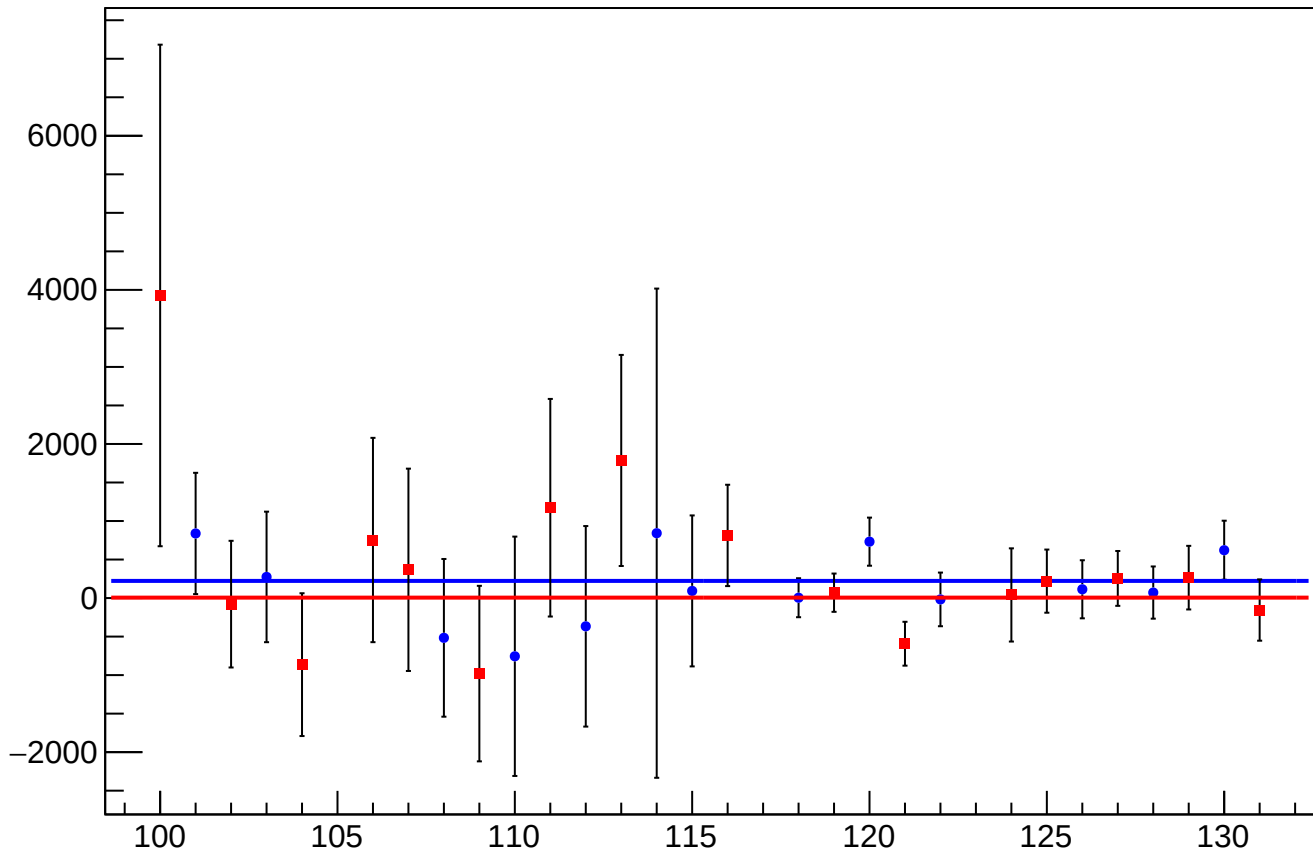
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.513+/-0.015 χ^2/NDF : 2628953.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_eigen_dit_correction_mean vs Slug



Right In: 222.642 $\pm$ 126.167 χ^2 /NDF: 7.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.611 $\pm$ 123.738 χ^2 /NDF: 13.2/15

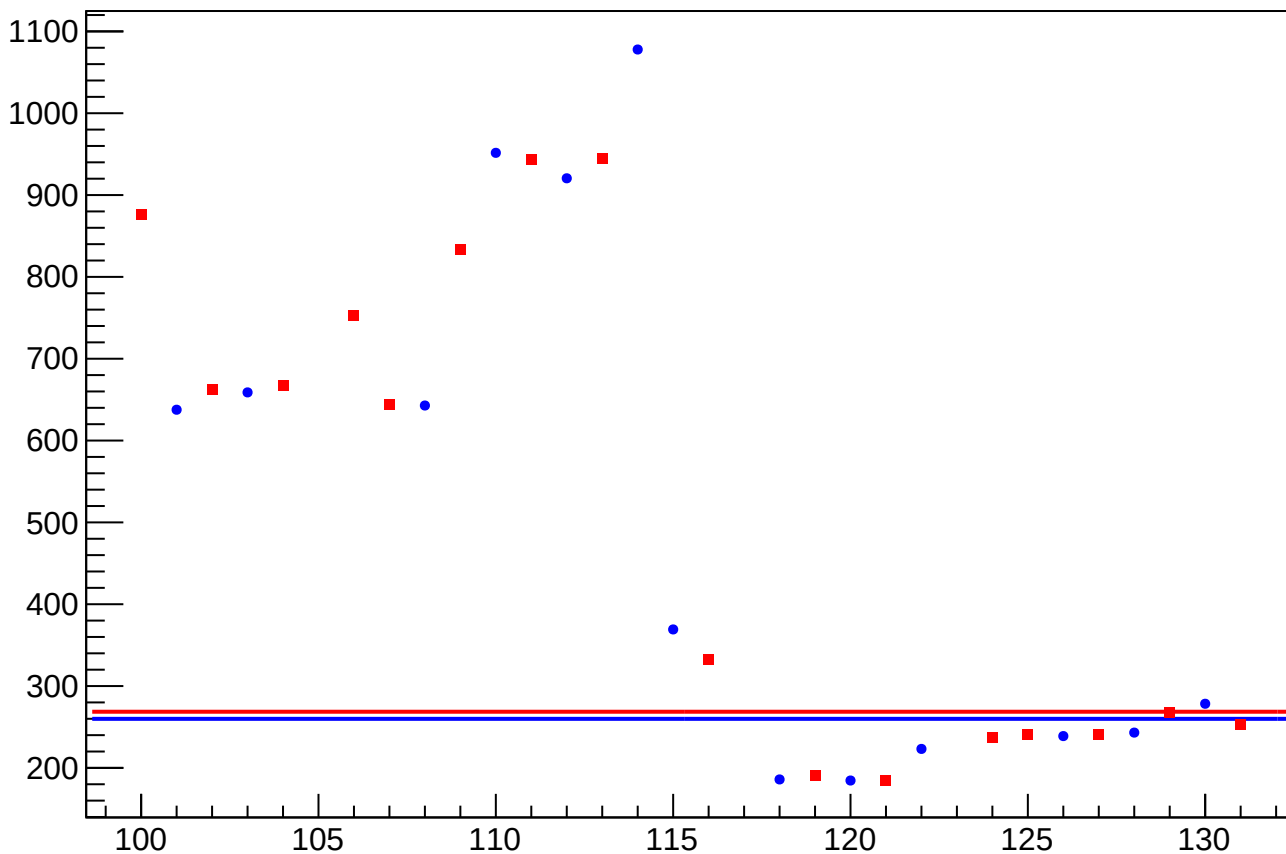
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 112.017 $\pm$ 88.342 χ^2 /NDF: 21.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_dit_correction_rms vs Slug



Right In: 259.929 $\pm$ 0.089 χ^2 /NDF: 2579352.1/12

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

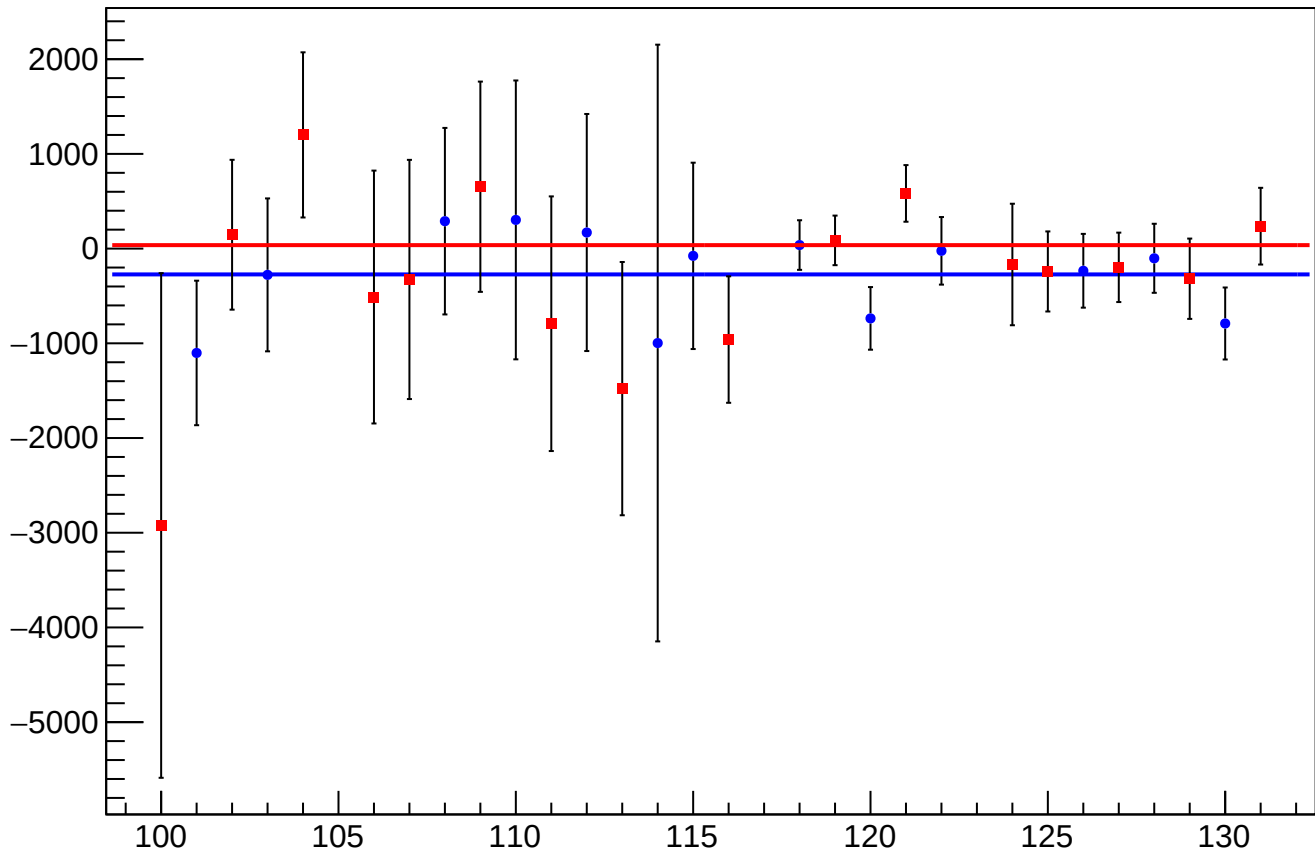
Right Out: 268.624 $\pm$ 0.087 χ^2 /NDF: 3184468.5/15

All: 264.361 $\pm$ 0.062 χ^2 /NDF: 5768662.3/28

- 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: -272.525 ± 130.030 χ^2/NDF : 7.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 36.596 ± 127.696 χ^2/NDF : 12.7/15

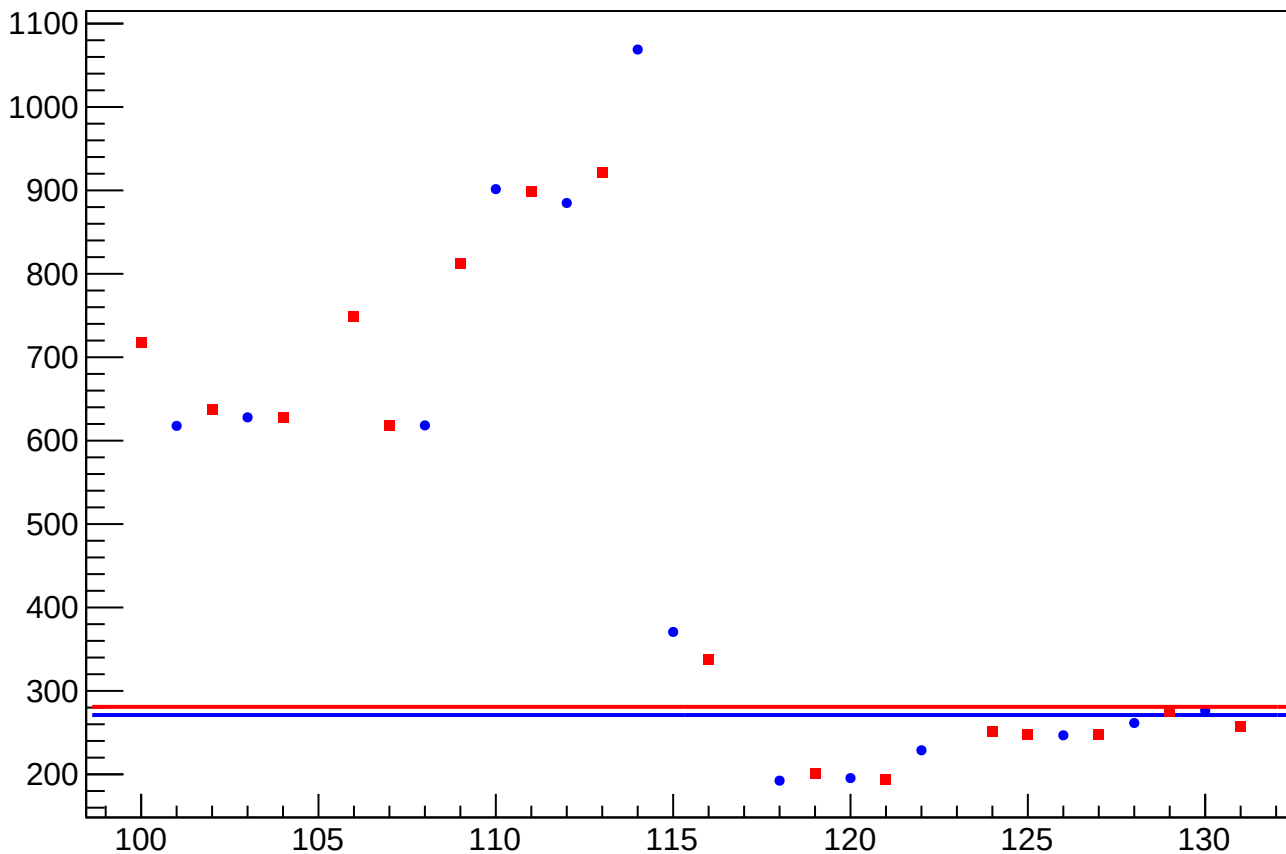
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -115.166 ± 91.109 χ^2/NDF : 23.5/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_rms vs Slug



Right In: 271.085+/-0.092 χ^2/NDF : 2371426.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

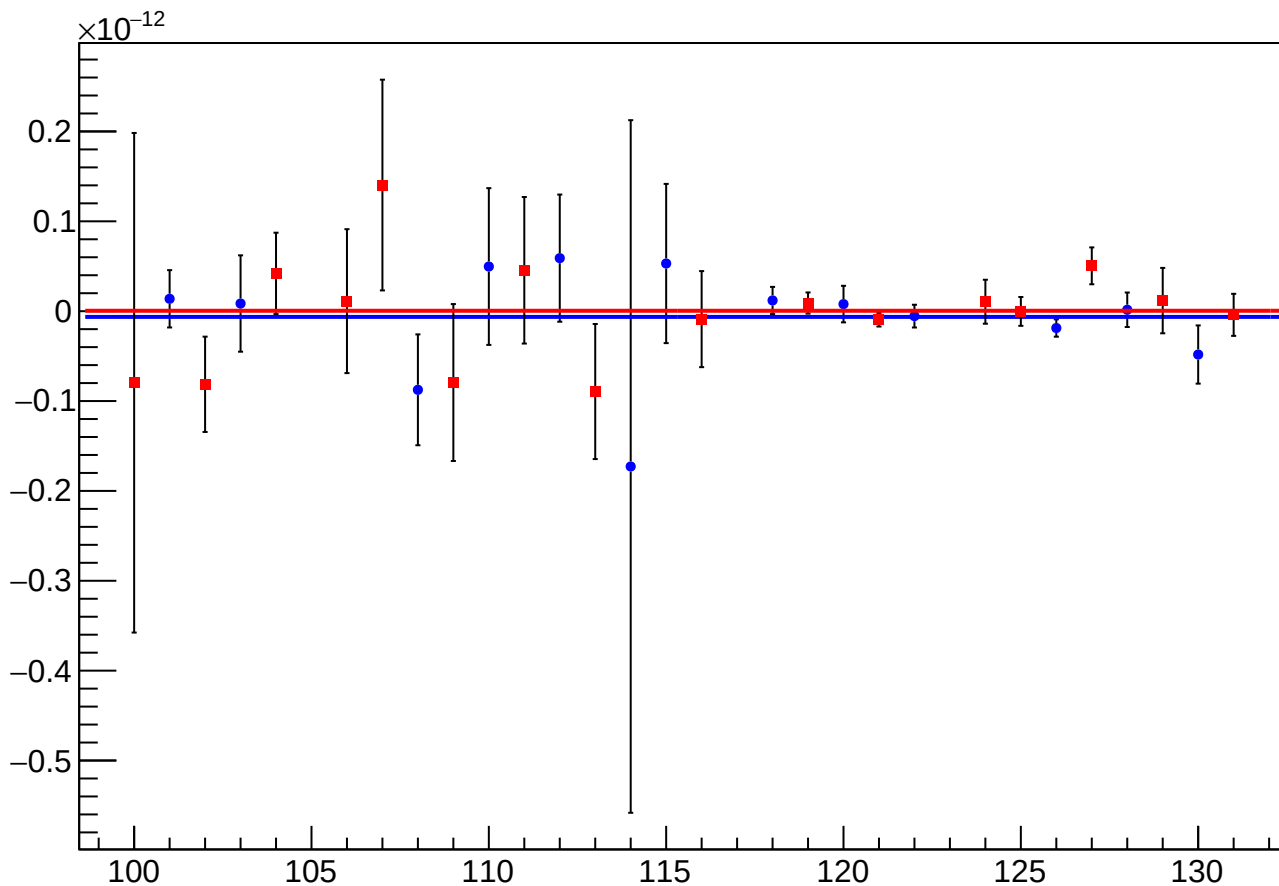
Right Out: 280.879+/-0.090 χ^2/NDF : 2914839.2/15

All: 276.071+/-0.064 χ^2/NDF : 5292041.5/28

- 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: 9.6/12

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

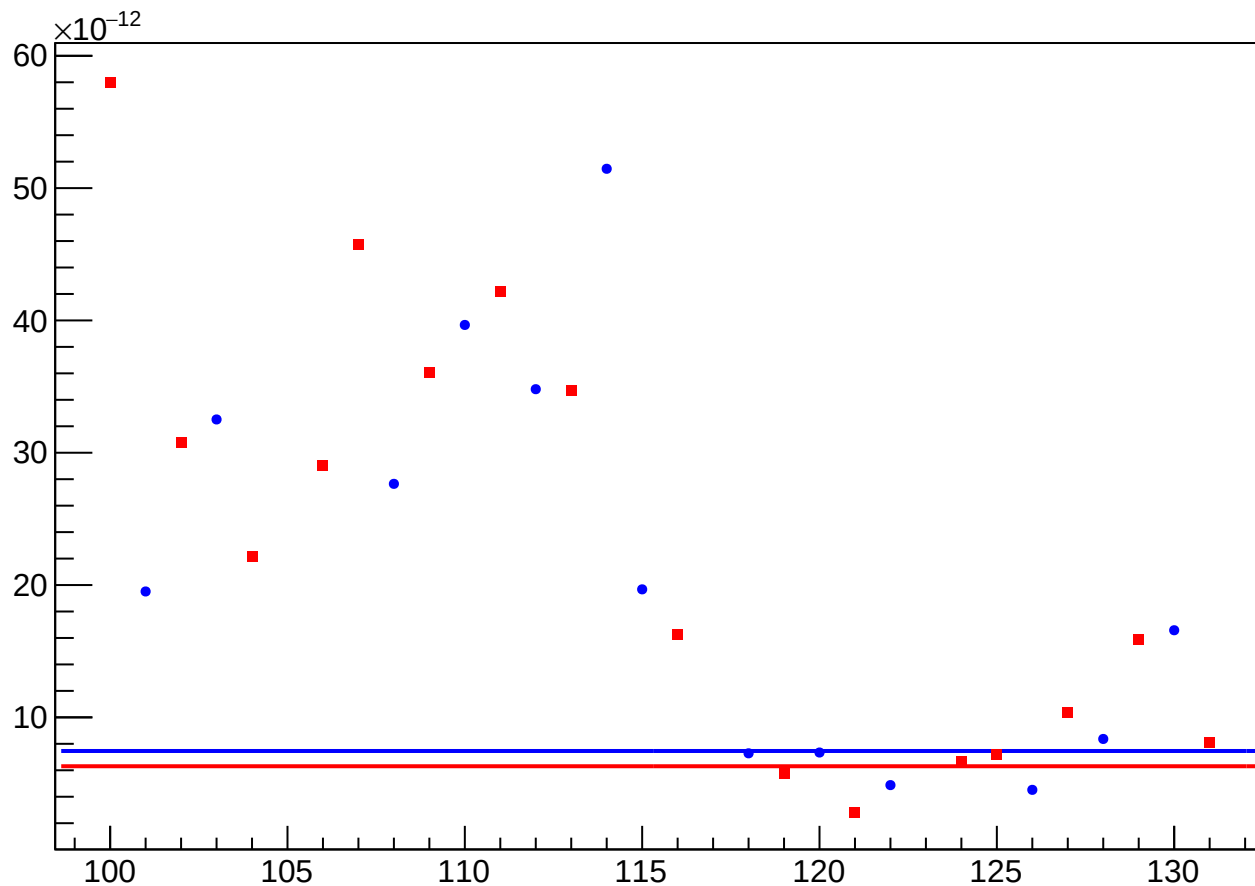
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 26.2/28

- 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 : 2004089.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2774976.6/15

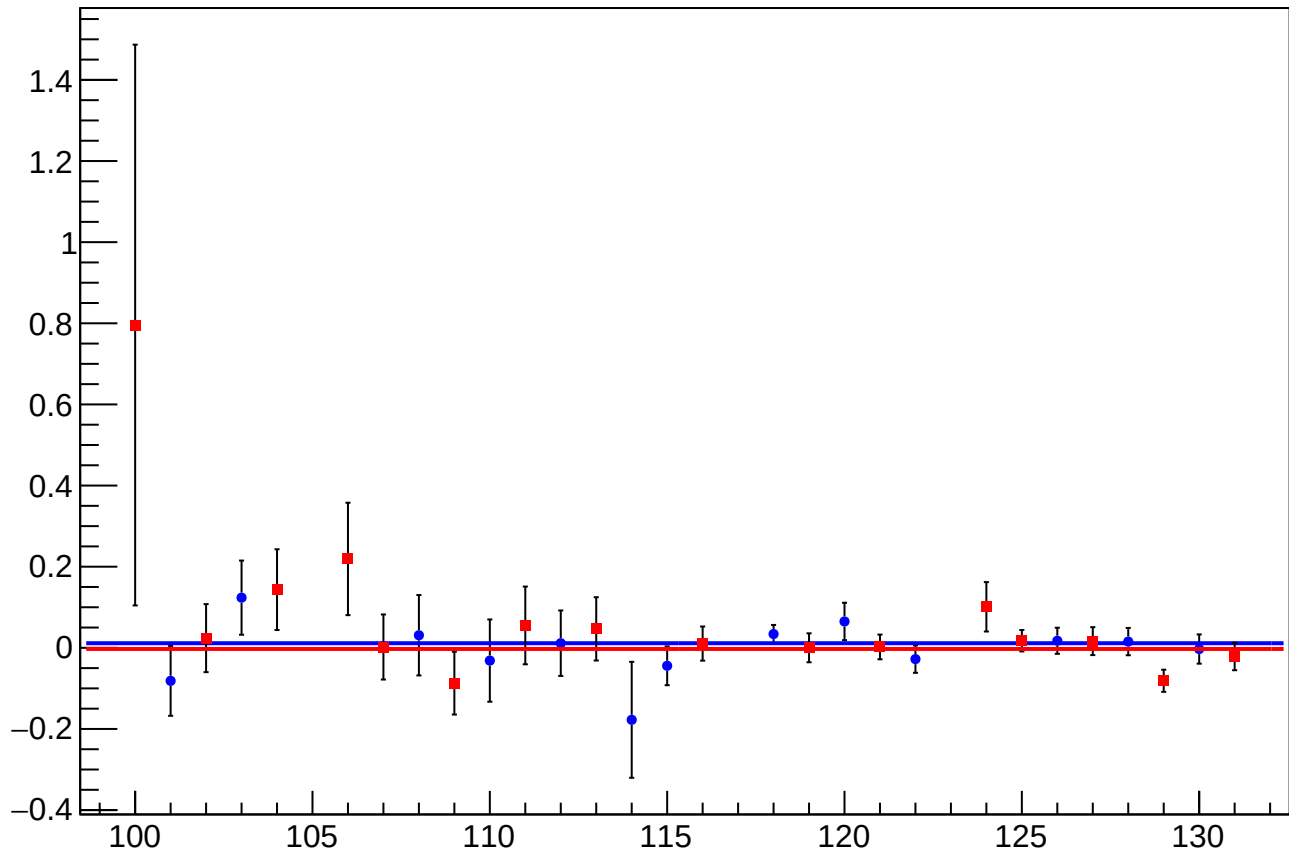
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4822797.5/28

- 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: 0.011 $\pm$ 0.012 χ^2 /NDF: 9.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.003 $\pm$ 0.011 χ^2 /NDF: 20.6/15

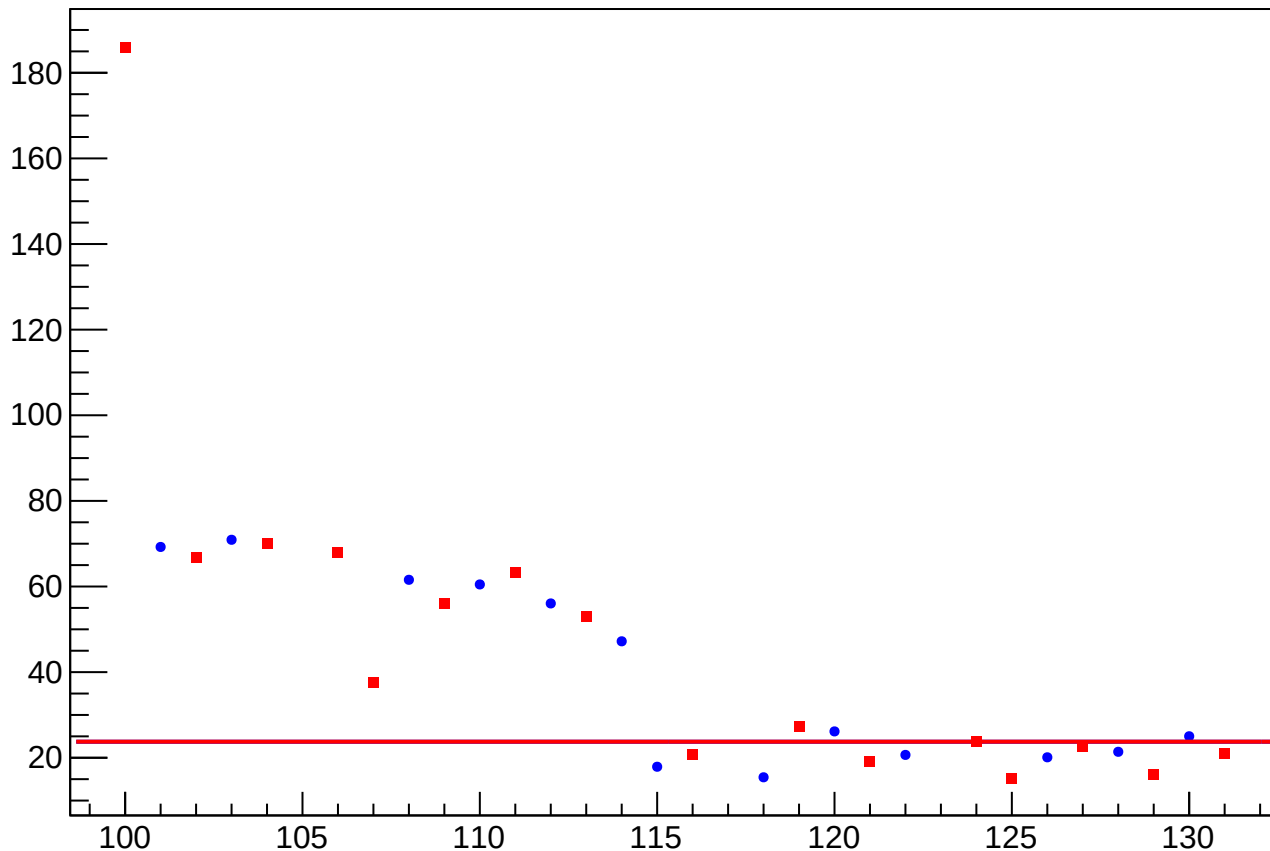
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.008 χ^2 /NDF: 31.3/28

- 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: 23.740 $\pm$ 0.008 χ^2 /NDF: 2384935.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 23.759 $\pm$ 0.008 χ^2 /NDF: 2762442.1/15

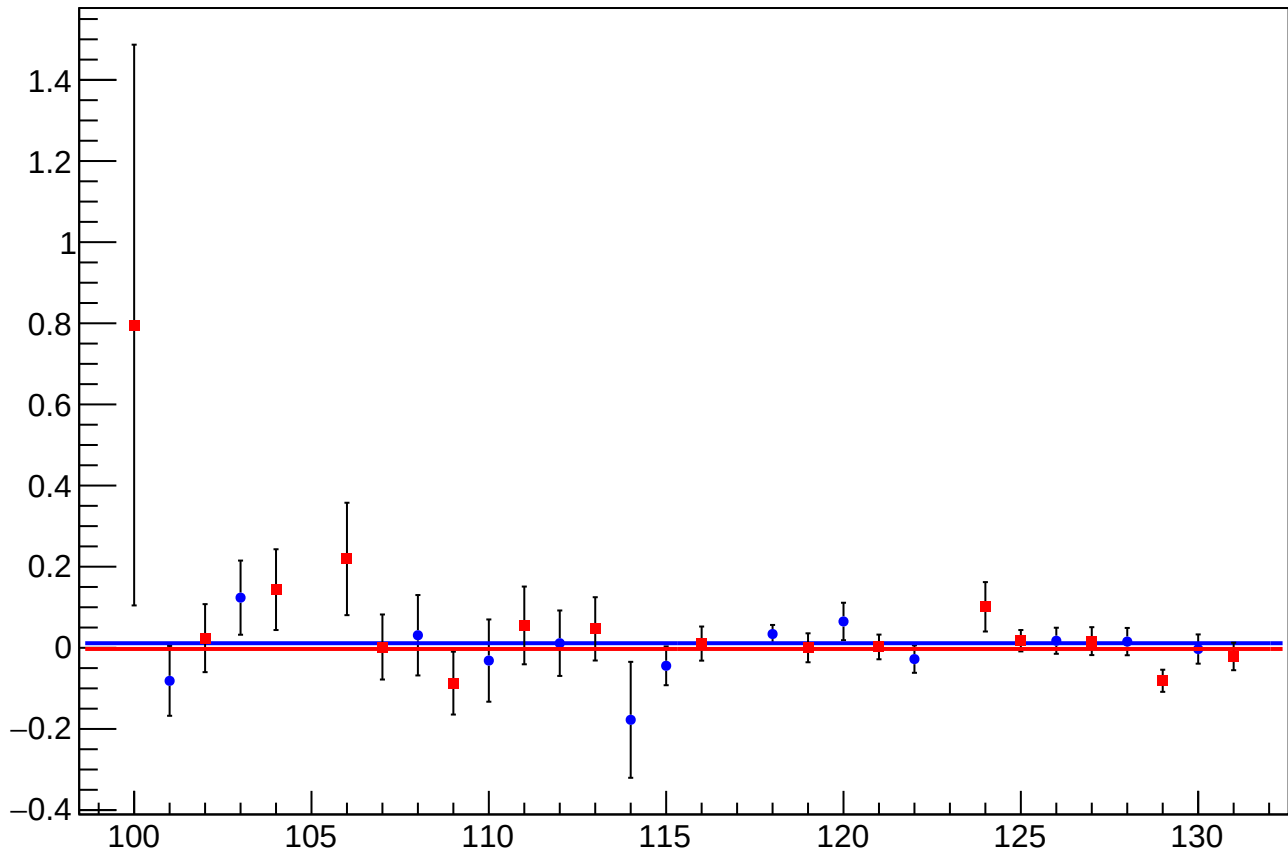
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.750 $\pm$ 0.006 χ^2 /NDF: 5147379.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.011 $\pm$ 0.012 χ^2 /NDF: 9.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.011 χ^2 /NDF: 20.6/15

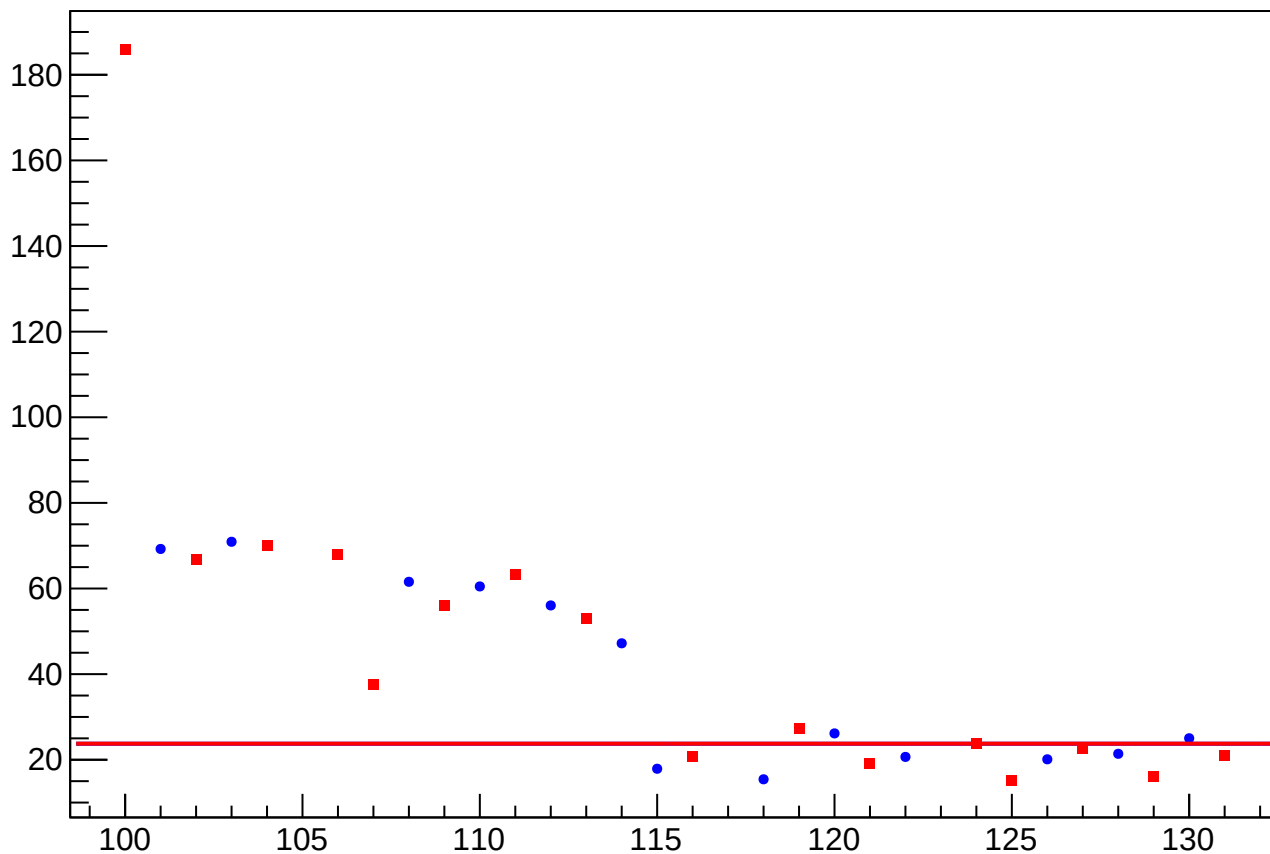
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.008 χ^2 /NDF: 31.3/28

- 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: 23.740+/-0.008 χ^2/NDF : 2384935.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.759+/-0.008 χ^2/NDF : 2762442.1/15

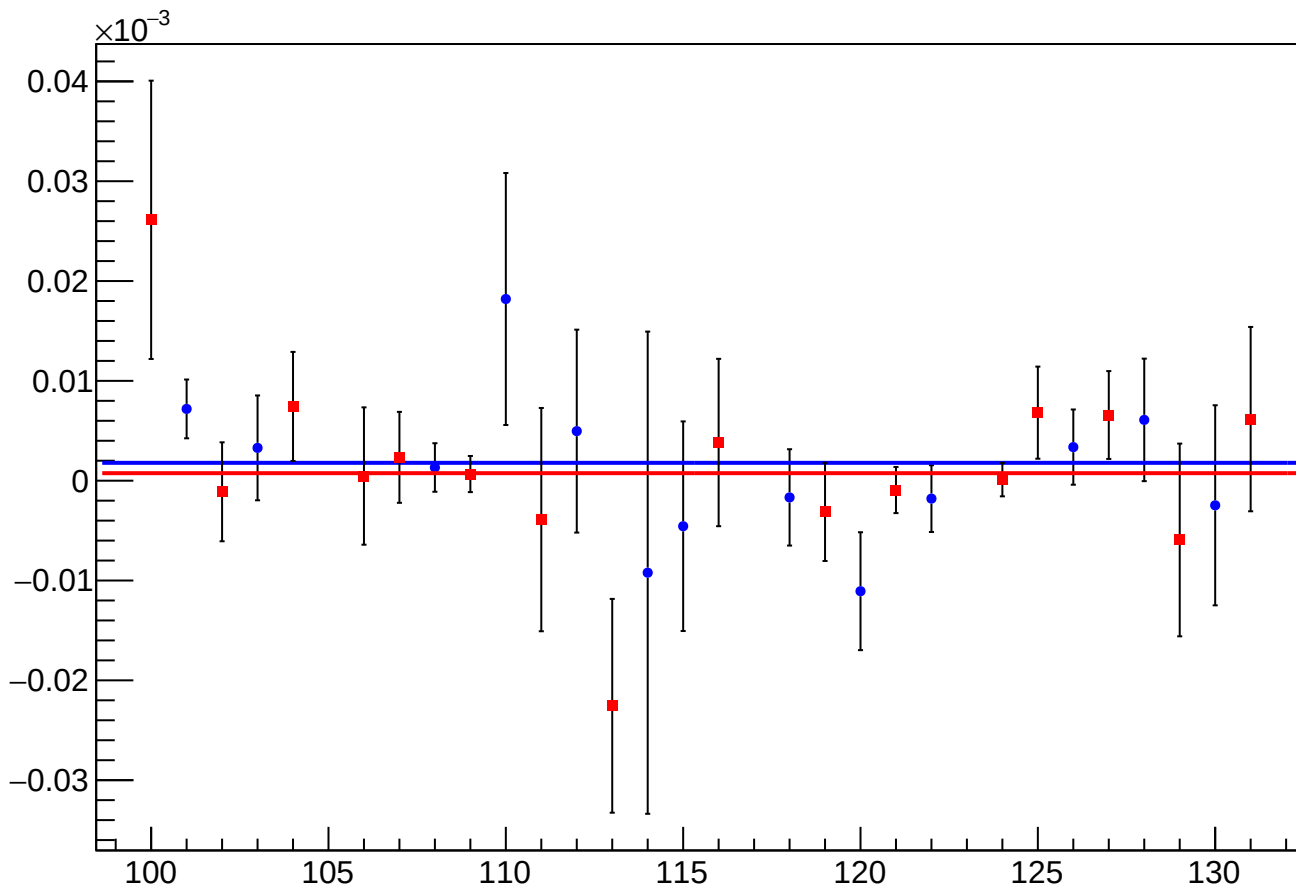
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.750+/-0.006 χ^2/NDF : 5147379.9/28

- 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: 13.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.7/15

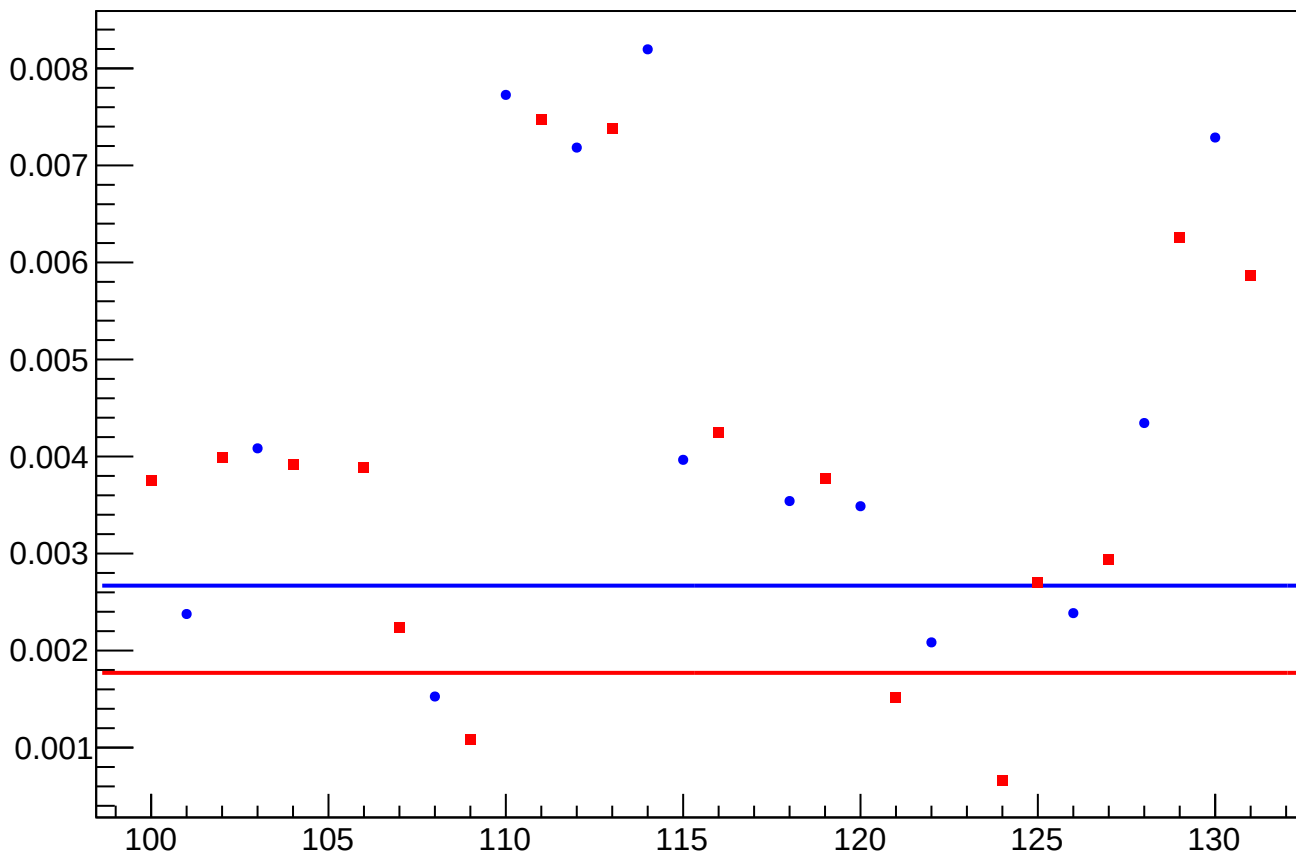
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 29.3/28

- 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 : 2208241.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 4775693.6/15

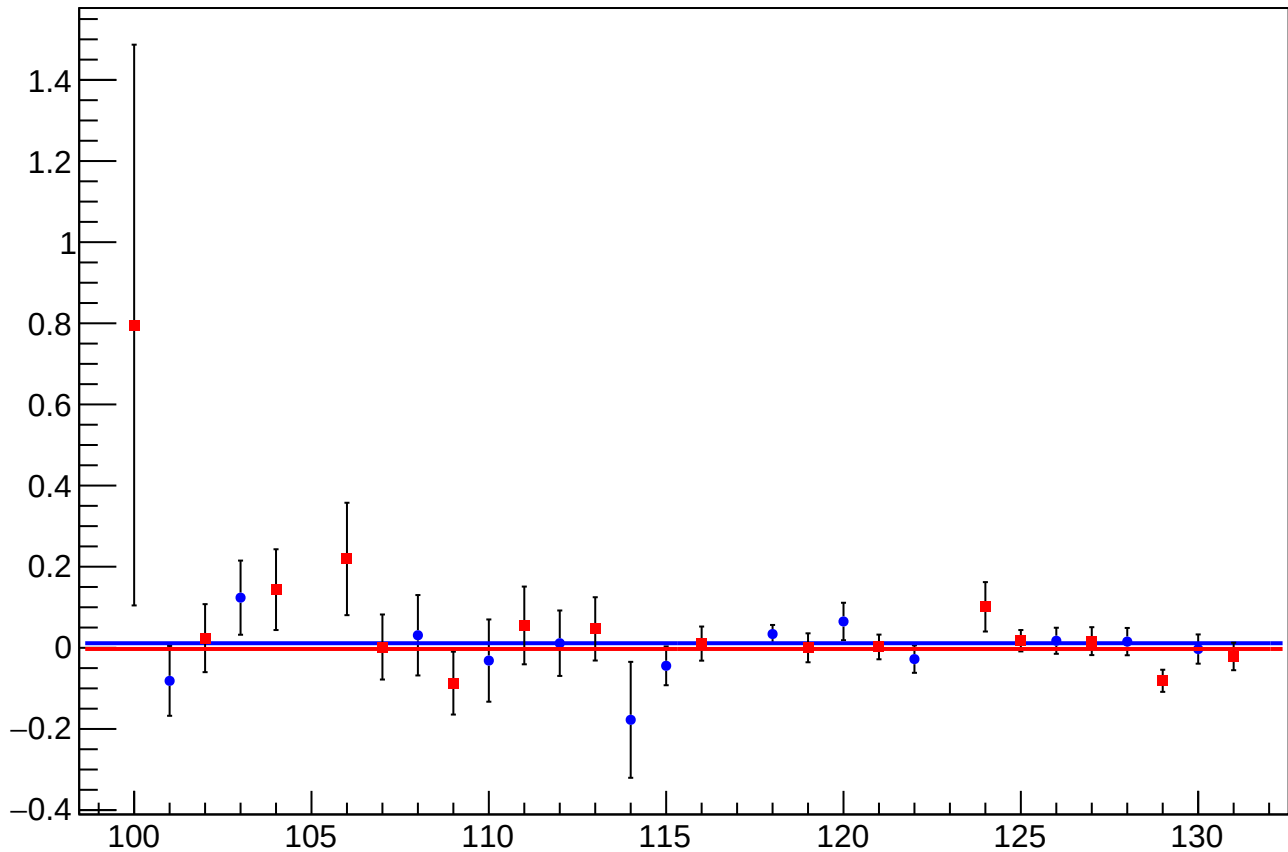
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 7639426.6/28

- 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: 0.011+/-0.012 χ^2/NDF : 9.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.011 χ^2/NDF : 20.6/15

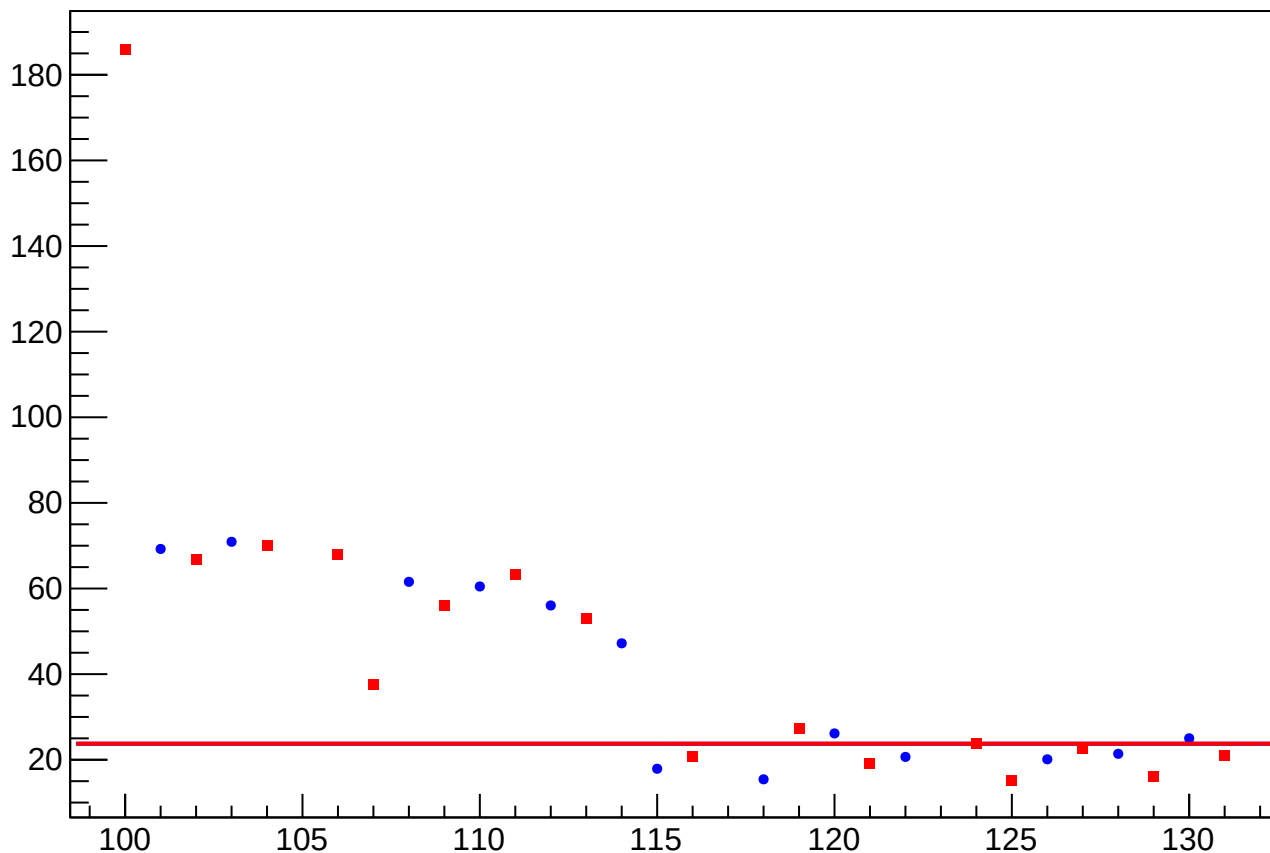
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.008 χ^2/NDF : 31.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 23.739+/-0.008 χ^2/NDF : 2384933.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.758+/-0.008 χ^2/NDF : 2762388.9/15

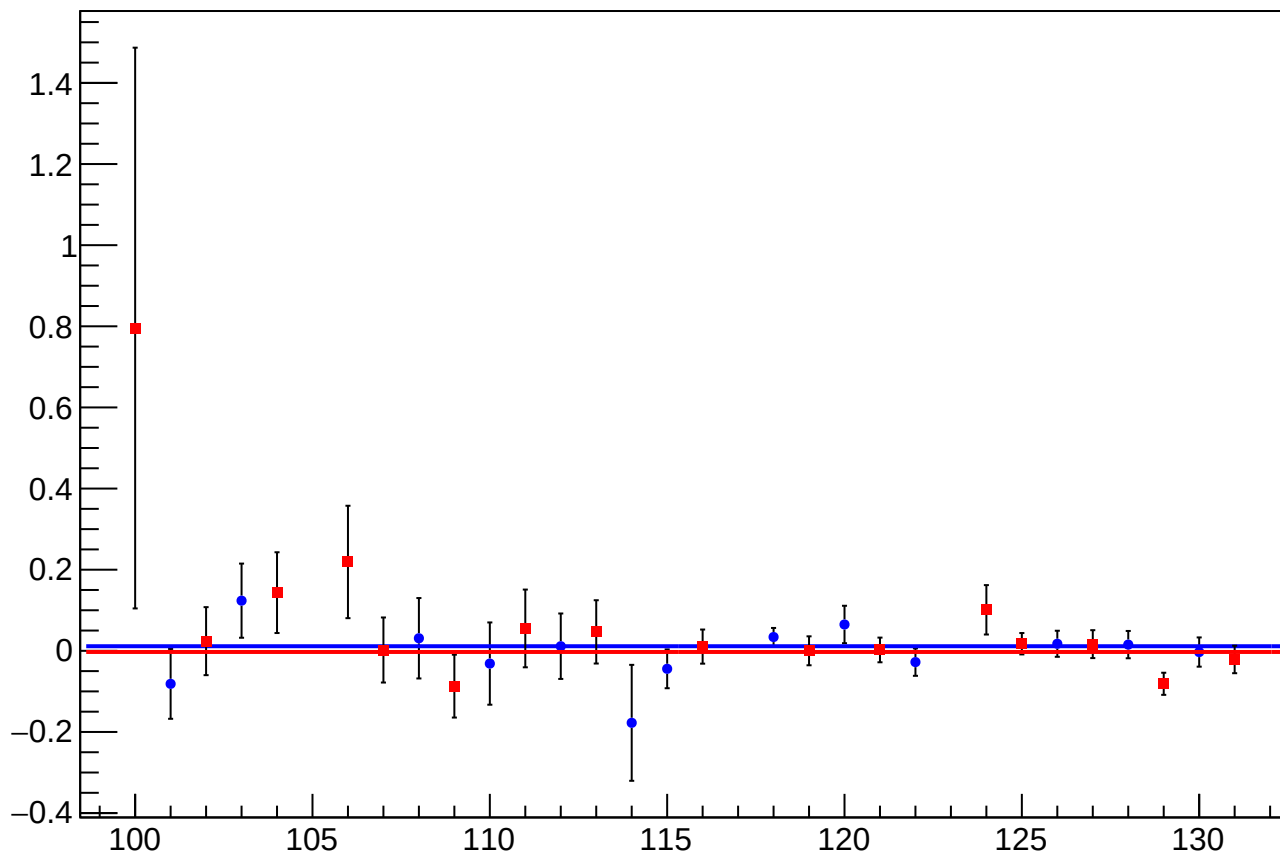
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.749+/-0.006 χ^2/NDF : 5147325.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.011 $\pm$ 0.012 χ^2 /NDF: 9.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.011 χ^2 /NDF: 20.6/15

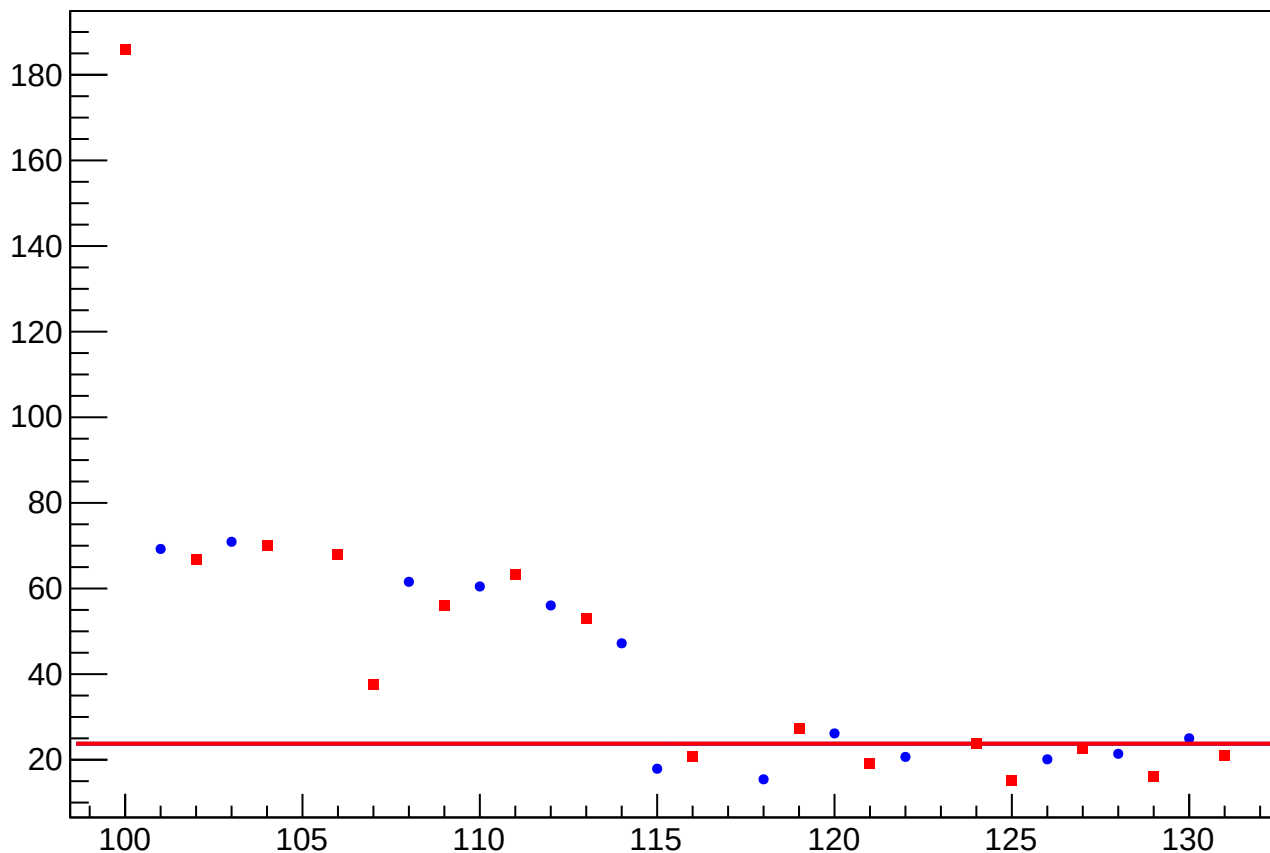
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.008 χ^2 /NDF: 31.3/28

- 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: 23.739+/-0.008 χ^2/NDF : 2384933.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.758+/-0.008 χ^2/NDF : 2762388.9/15

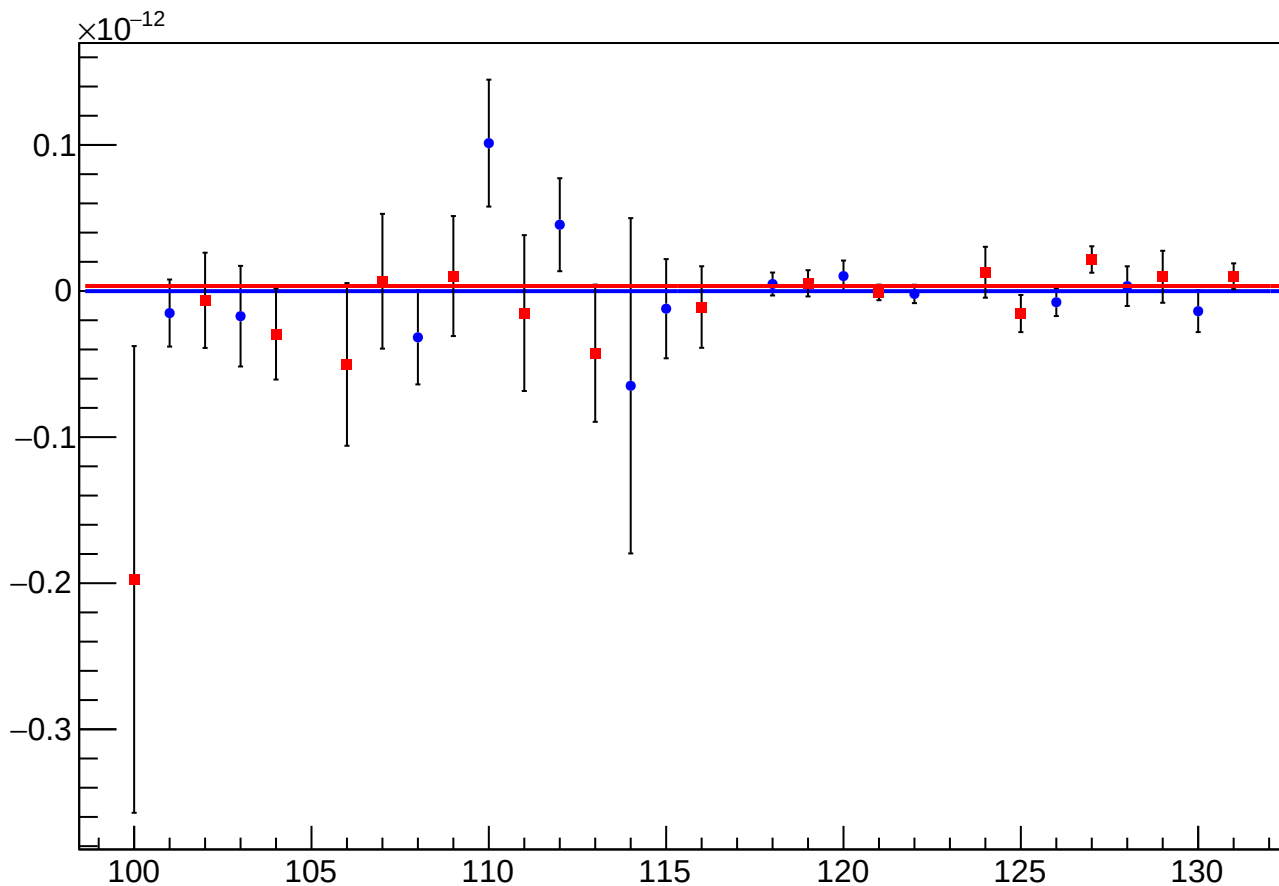
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.749+/-0.006 χ^2/NDF : 5147325.6/28

- sign 0.000+/-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 : 12.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 13.0/15

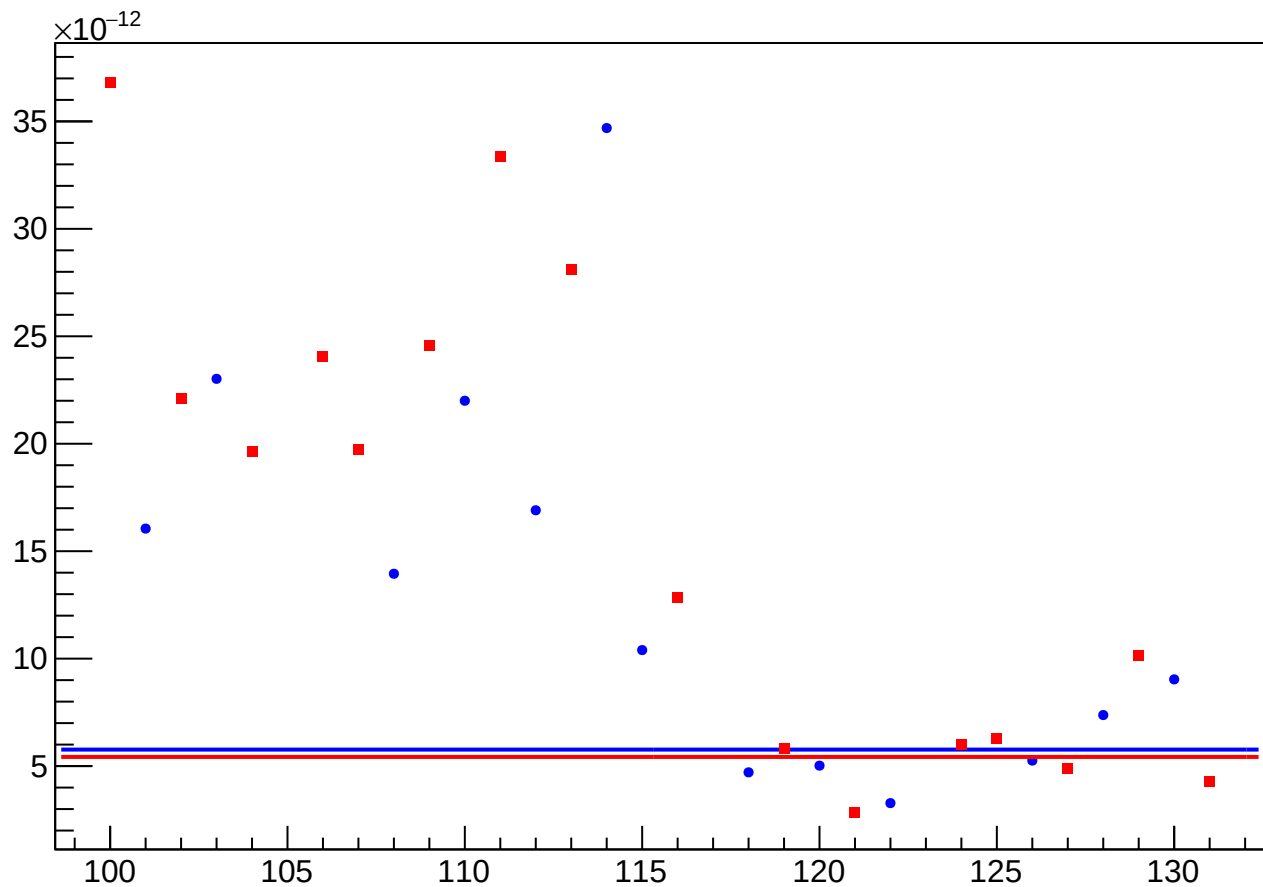
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 26.1/28

- 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 : 2218072.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3697230.8/15

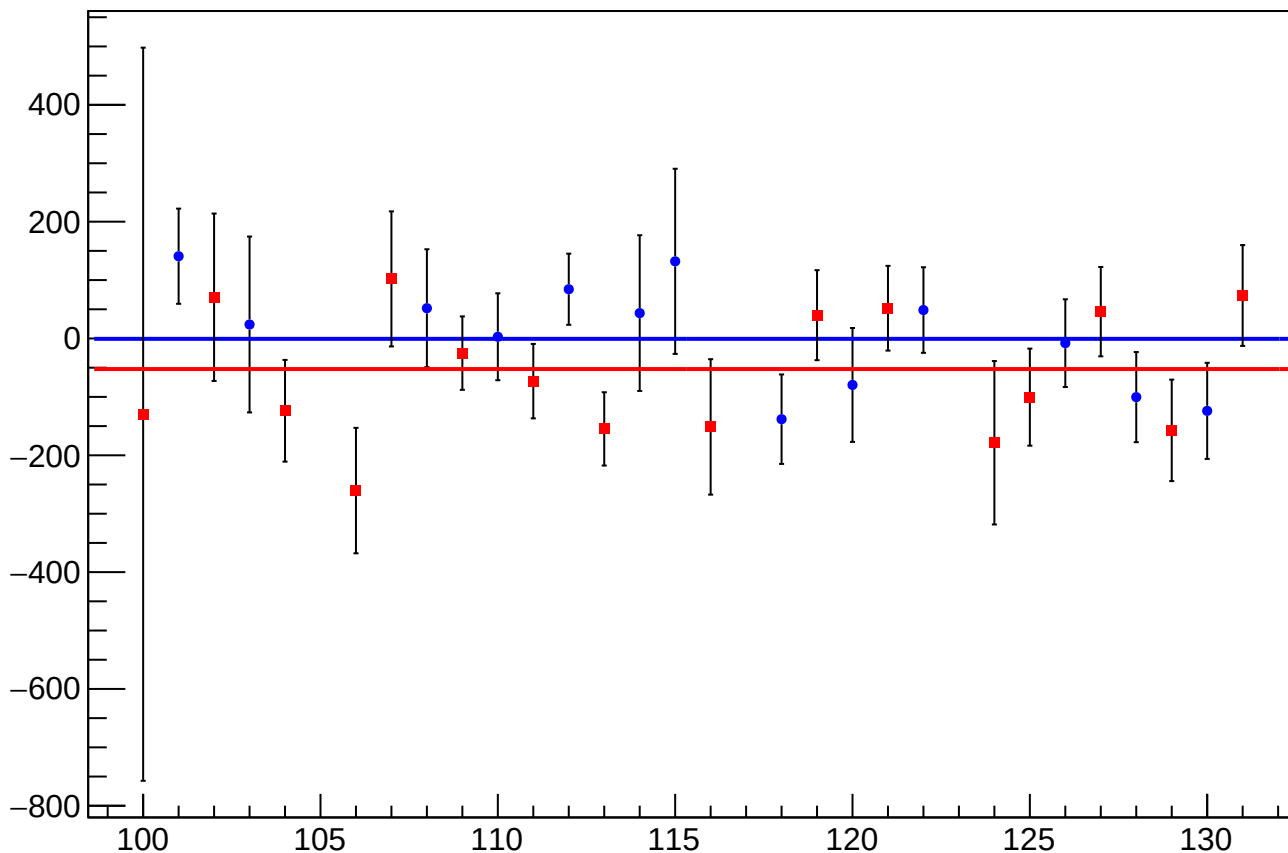
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5925115.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_mean vs Slug



Right In: -0.599+/-23.609 χ^2/NDF : 14.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -52.327+/-21.494 χ^2/NDF : 20.5/15

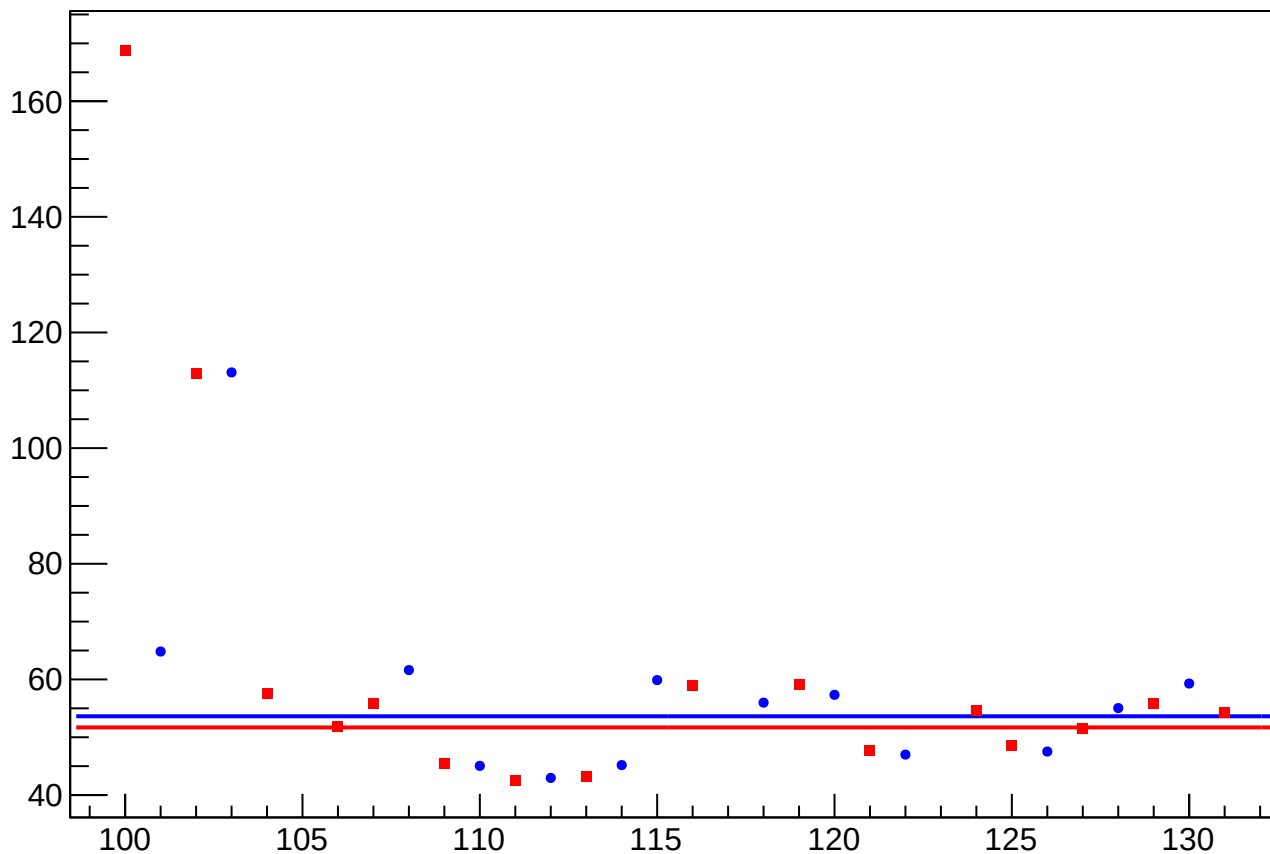
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.883+/-15.894 χ^2/NDF : 37.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_rms vs Slug



Right In: 53.625+/-0.017 χ^2/NDF : 505878.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.697+/-0.015 χ^2/NDF : 587326.6/15

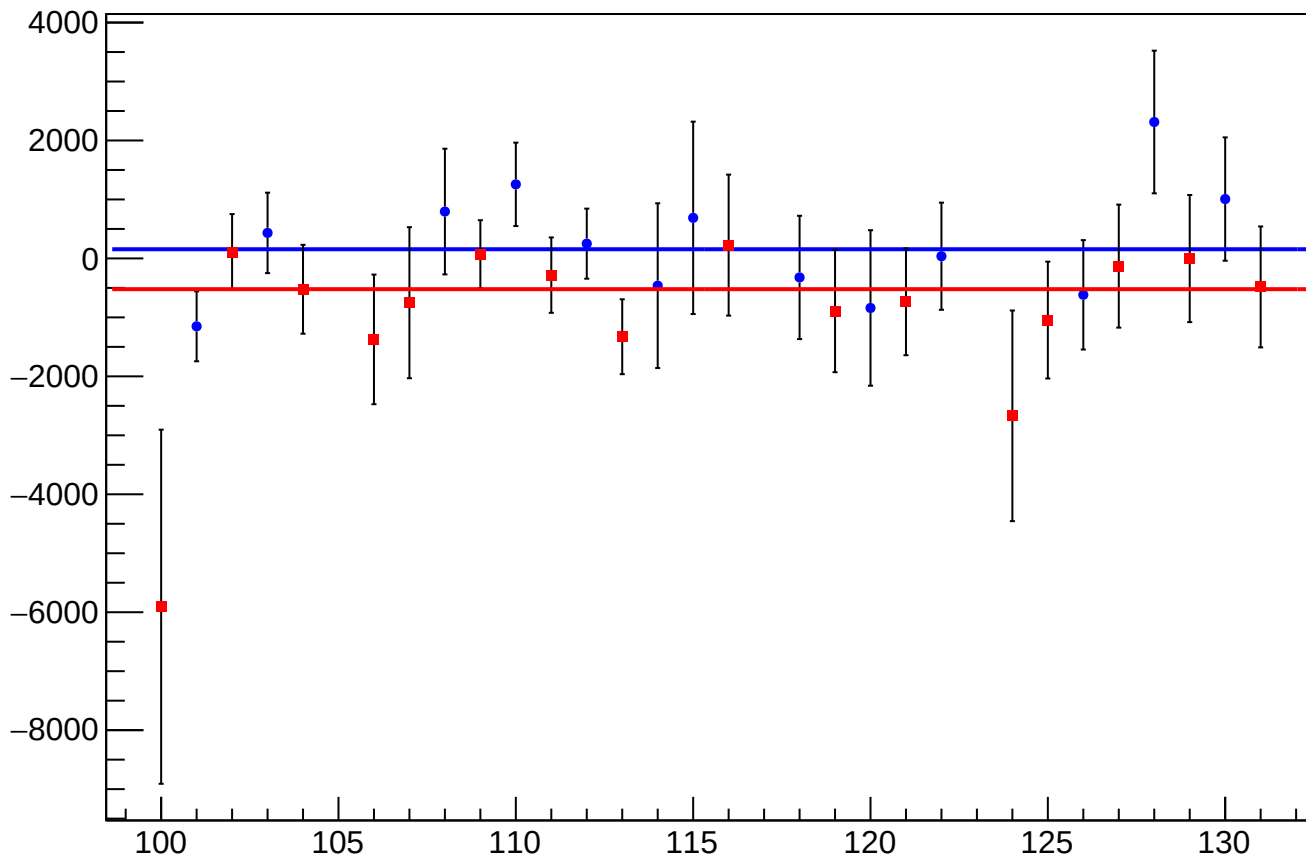
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.571+/-0.011 χ^2/NDF : 1100496.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_reg_correction_mean vs Slug



Right In: 155.670 $\pm$ 242.179 χ^2 /NDF: 13.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -521.481 $\pm$ 220.433 χ^2 /NDF: 10.3/15

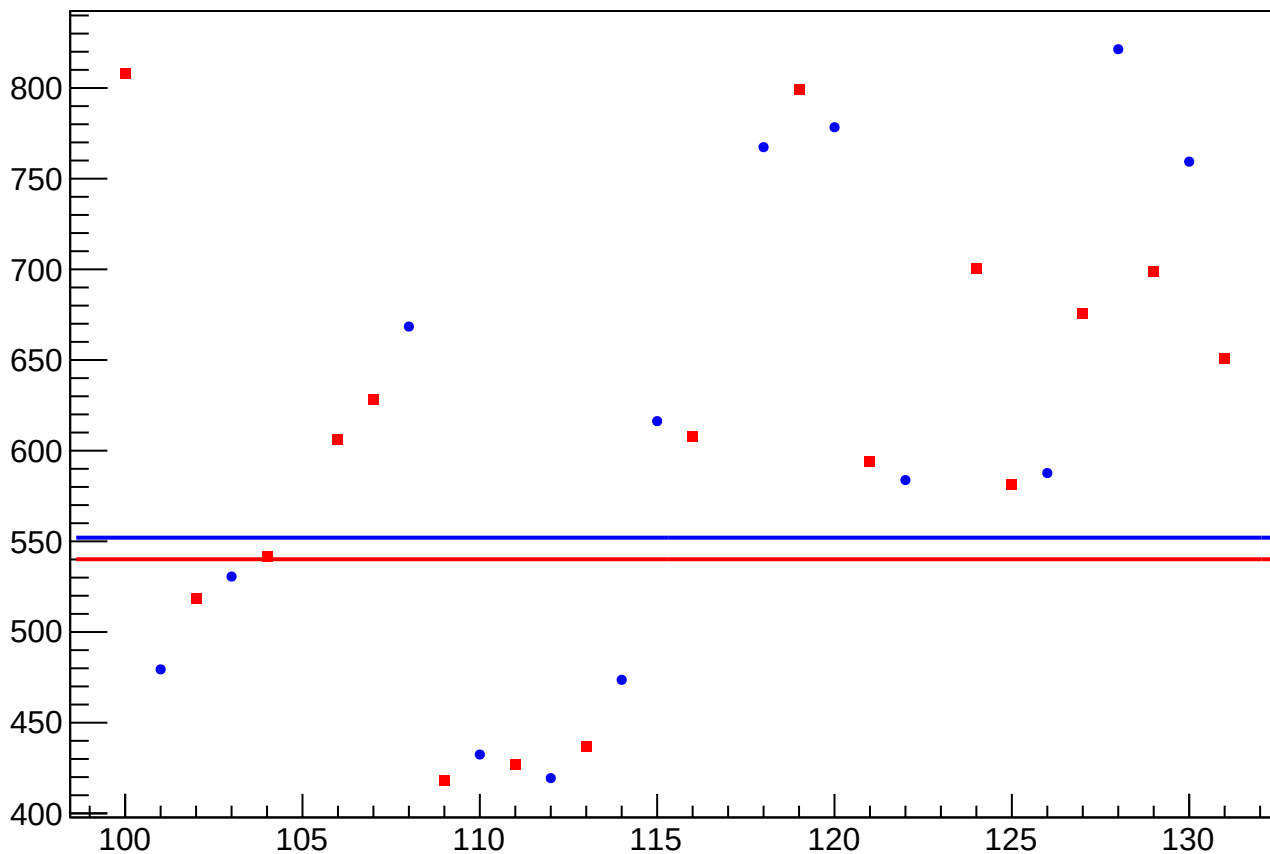
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -214.665 $\pm$ 163.017 χ^2 /NDF: 28.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_reg_correction_rms vs Slug



Right In: 552.036 $\pm$ 0.171 χ^2 /NDF: 548903.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 540.140 $\pm$ 0.156 χ^2 /NDF: 498407.4/15

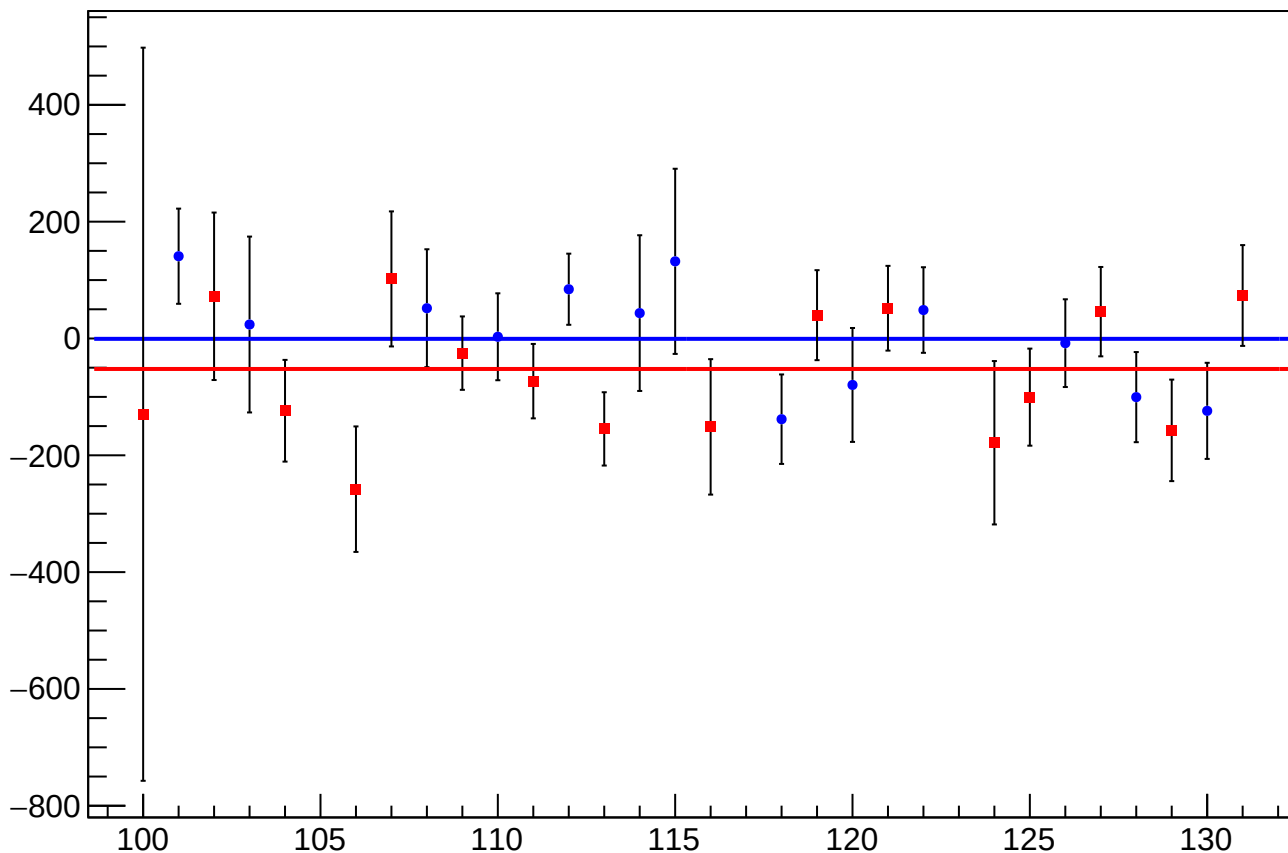
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 545.531 $\pm$ 0.115 χ^2 /NDF: 1049949.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_1357_avg_mean vs Slug



Right In: -0.604+/-23.609 χ^2/NDF : 14.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -52.186+/-21.495 χ^2/NDF : 20.5/15

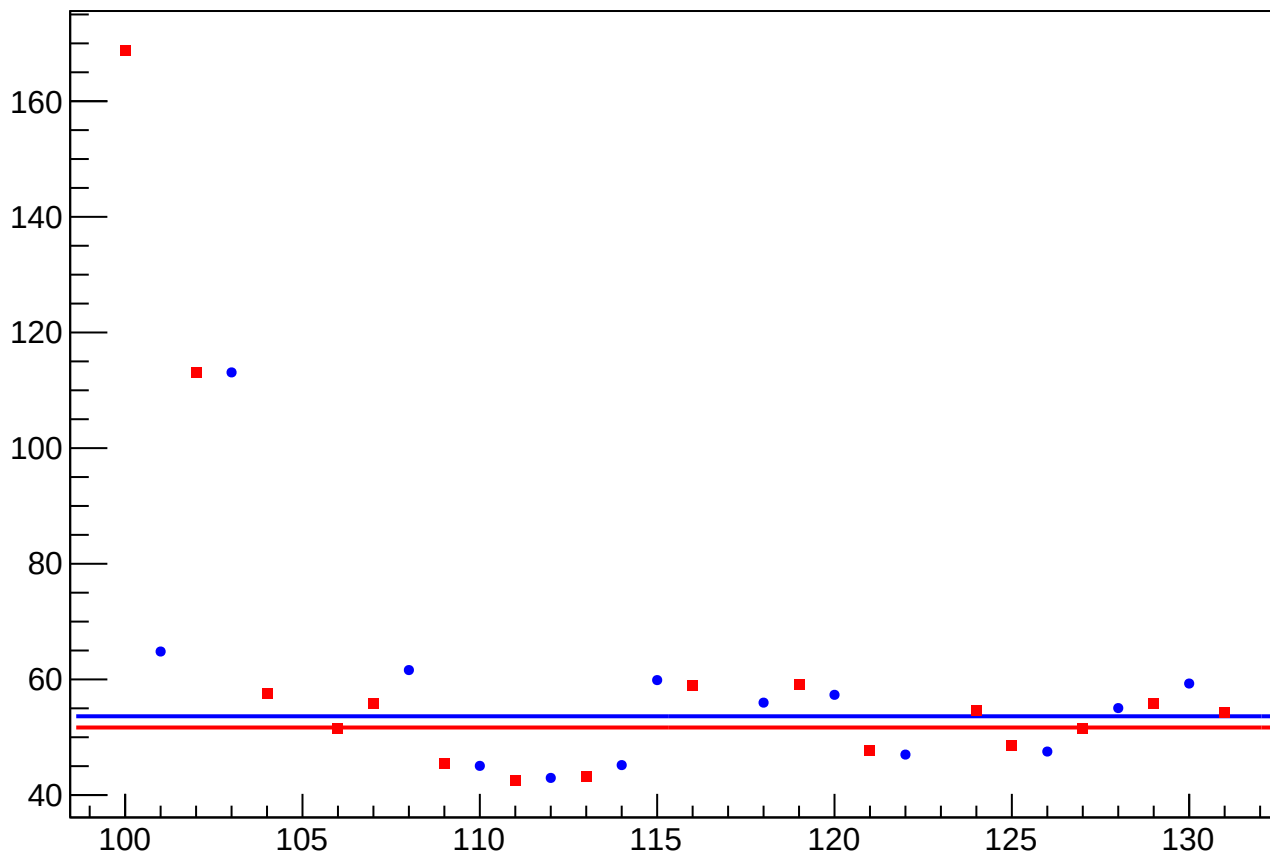
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.807+/-15.894 χ^2/NDF : 37.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_1357_avg_rms vs Slug



Right In: 53.625+/-0.017 χ^2/NDF : 505880.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.685+/-0.015 χ^2/NDF : 587562.0/15

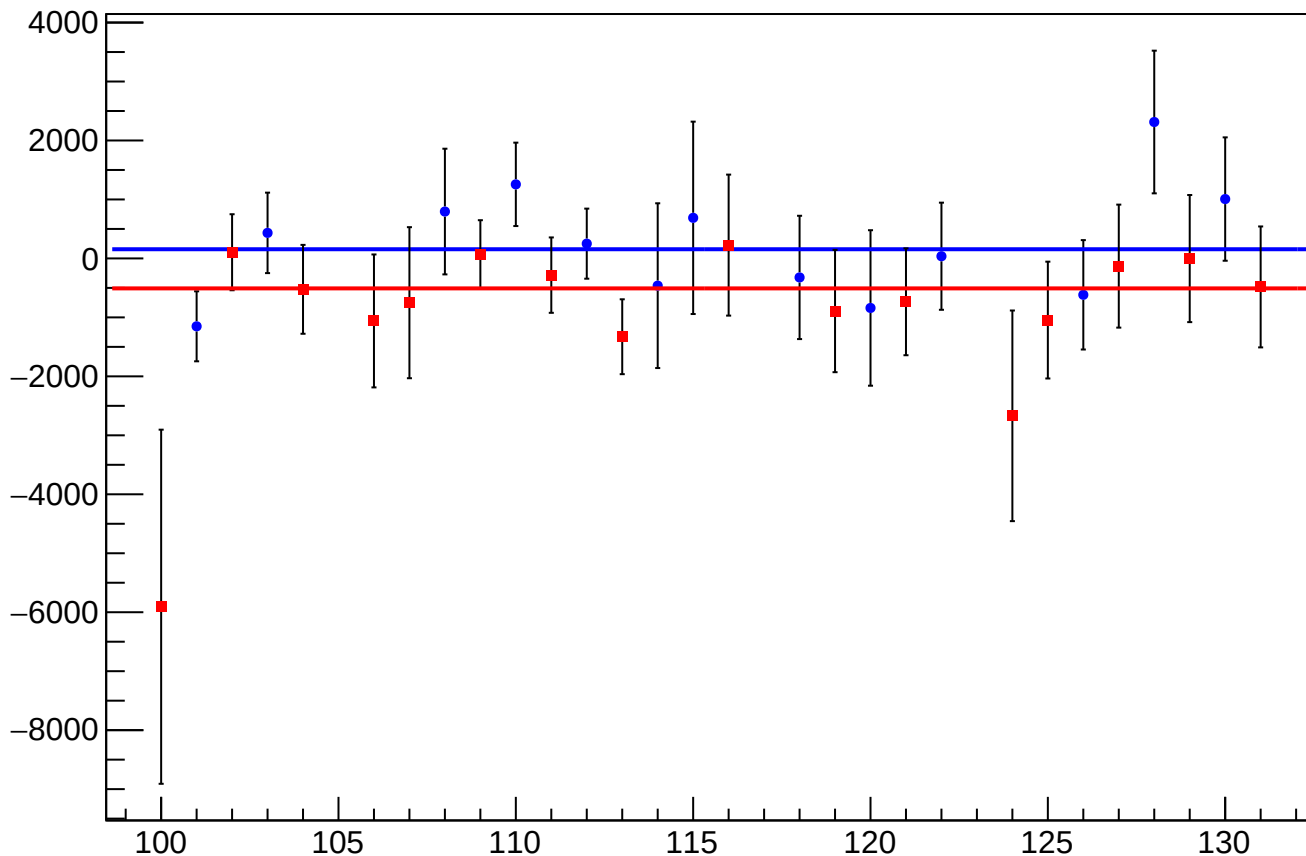
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.564+/-0.011 χ^2/NDF : 1100828.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_cor_correction_mean vs Slug



Right In: 155.708 $\pm$ 242.182 χ^2 /NDF: 13.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -508.345 $\pm$ 220.677 χ^2 /NDF: 9.9/15

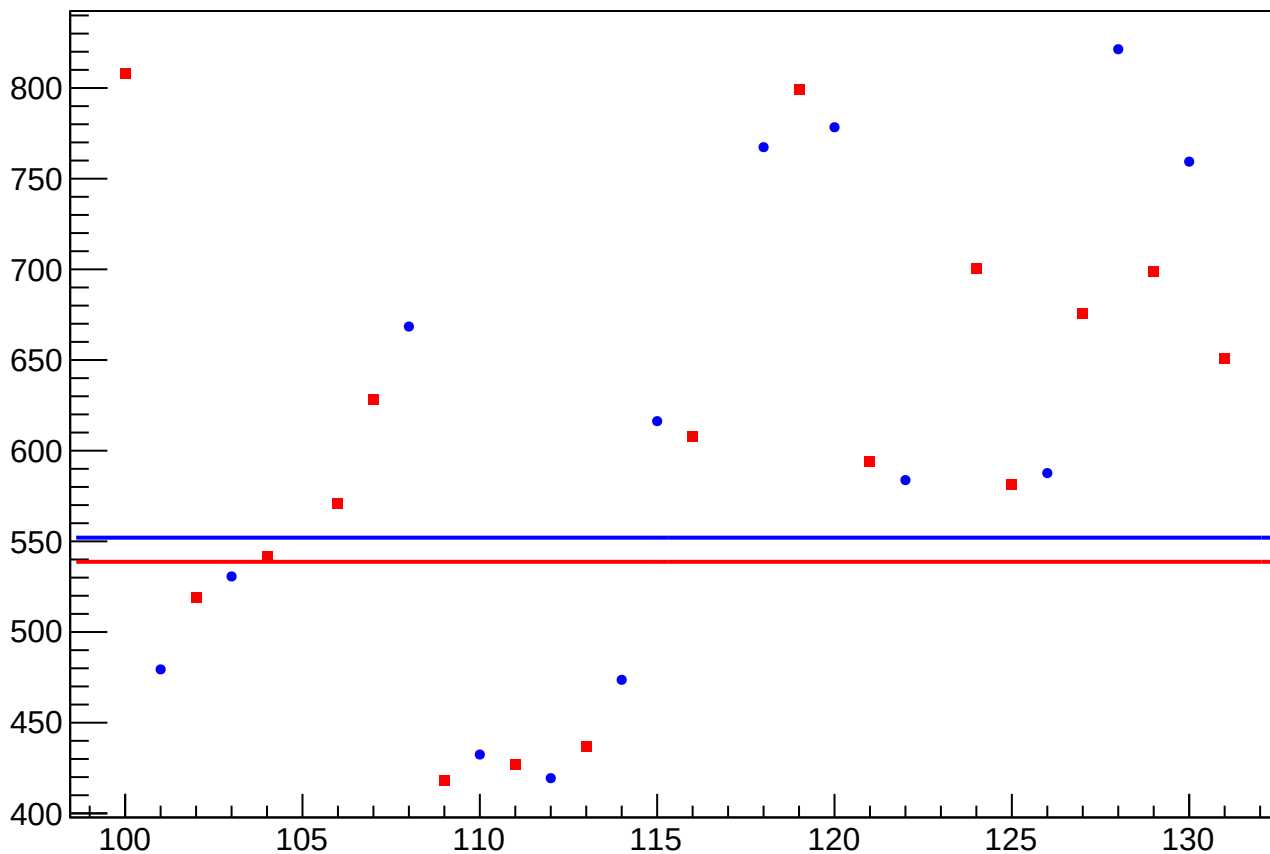
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -207.105 $\pm$ 163.116 χ^2 /NDF: 27.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_cor_correction_rms vs Slug



Right In: 552.044+/-0.171 χ^2/NDF : 548892.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

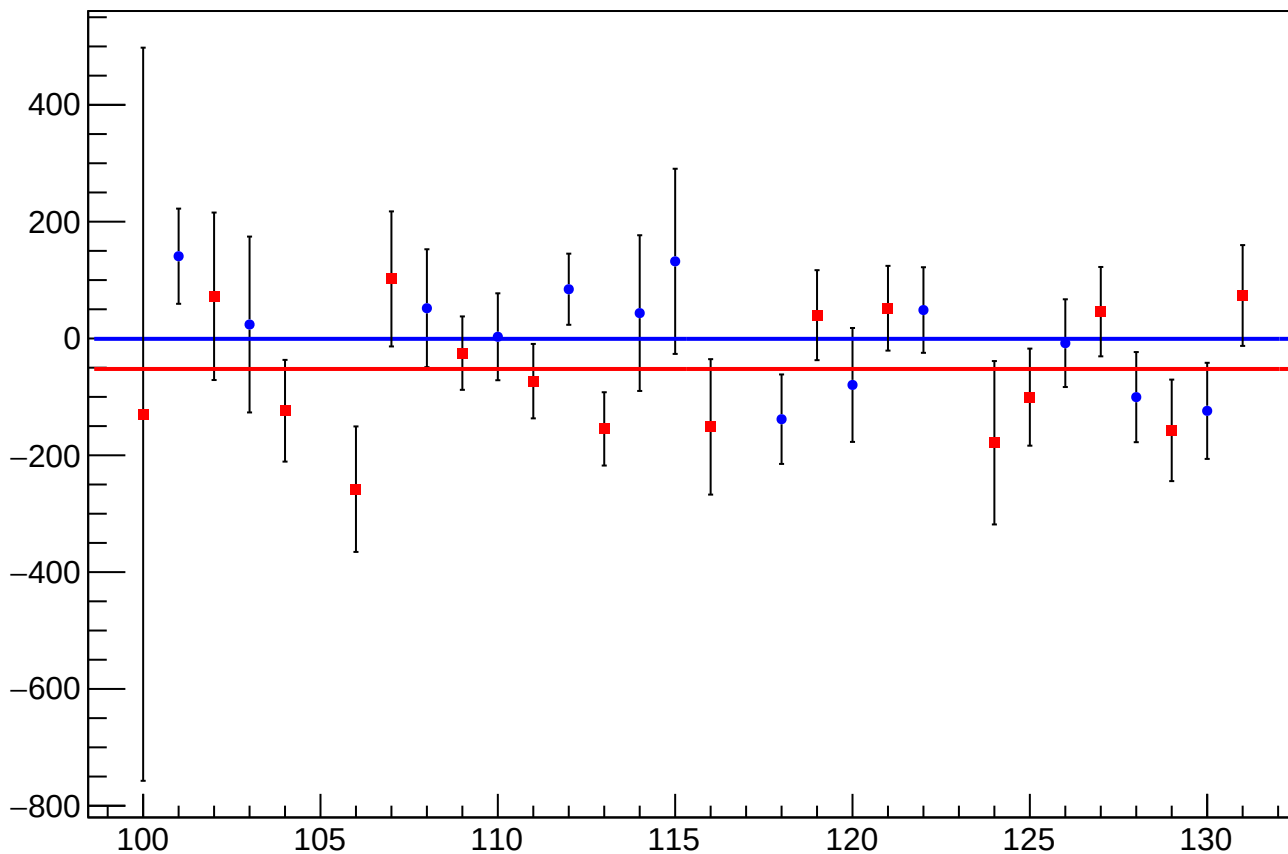
Right Out: 538.712+/-0.156 χ^2/NDF : 492475.8/15

All: 544.760+/-0.115 χ^2/NDF : 1044679.7/28

- 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: -0.604 $\pm$ 23.609 χ^2 /NDF: 14.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -52.186 $\pm$ 21.495 χ^2 /NDF: 20.5/15

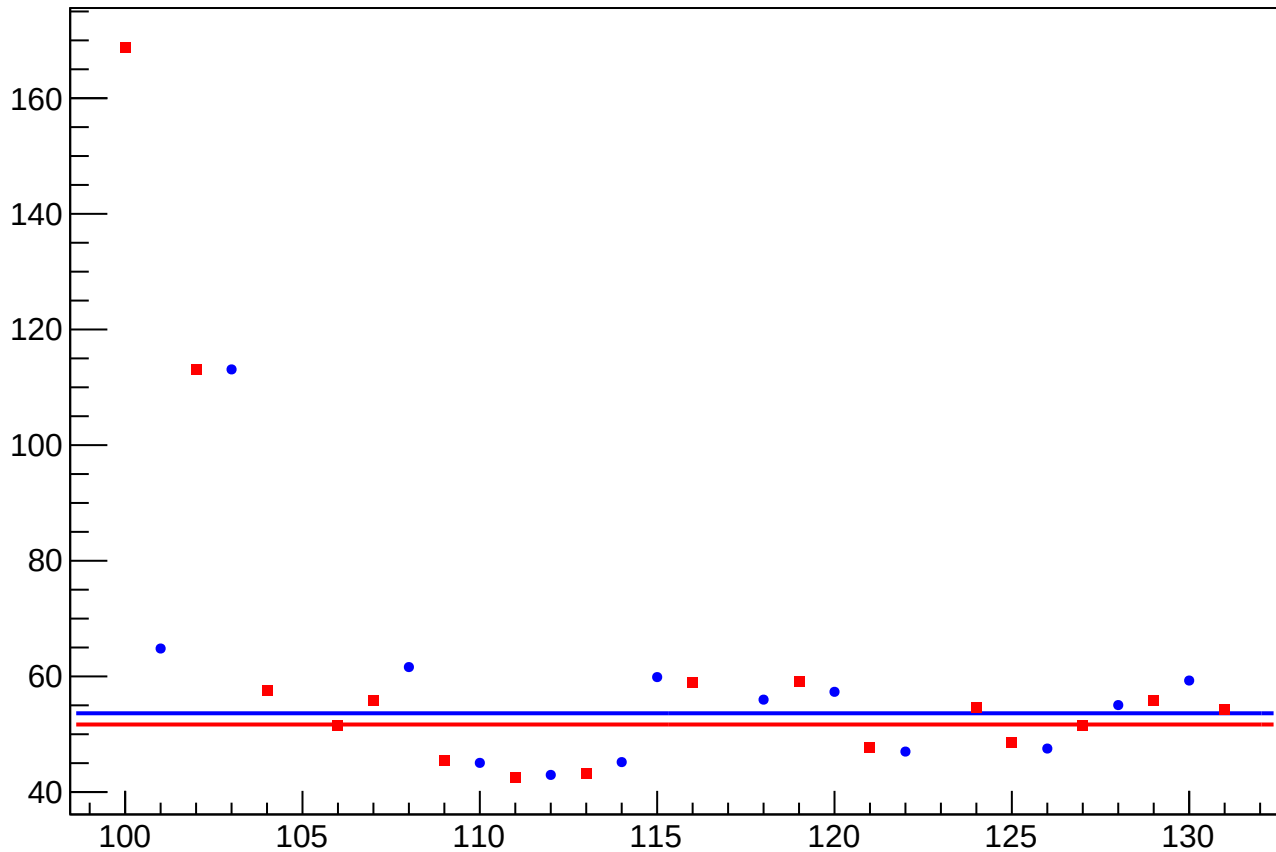
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -28.807 $\pm$ 15.894 χ^2 /NDF: 37.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_1357_avg_rms vs Slug



Right In: 53.625+/-0.017 χ^2/NDF : 505880.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.685+/-0.015 χ^2/NDF : 587562.0/15

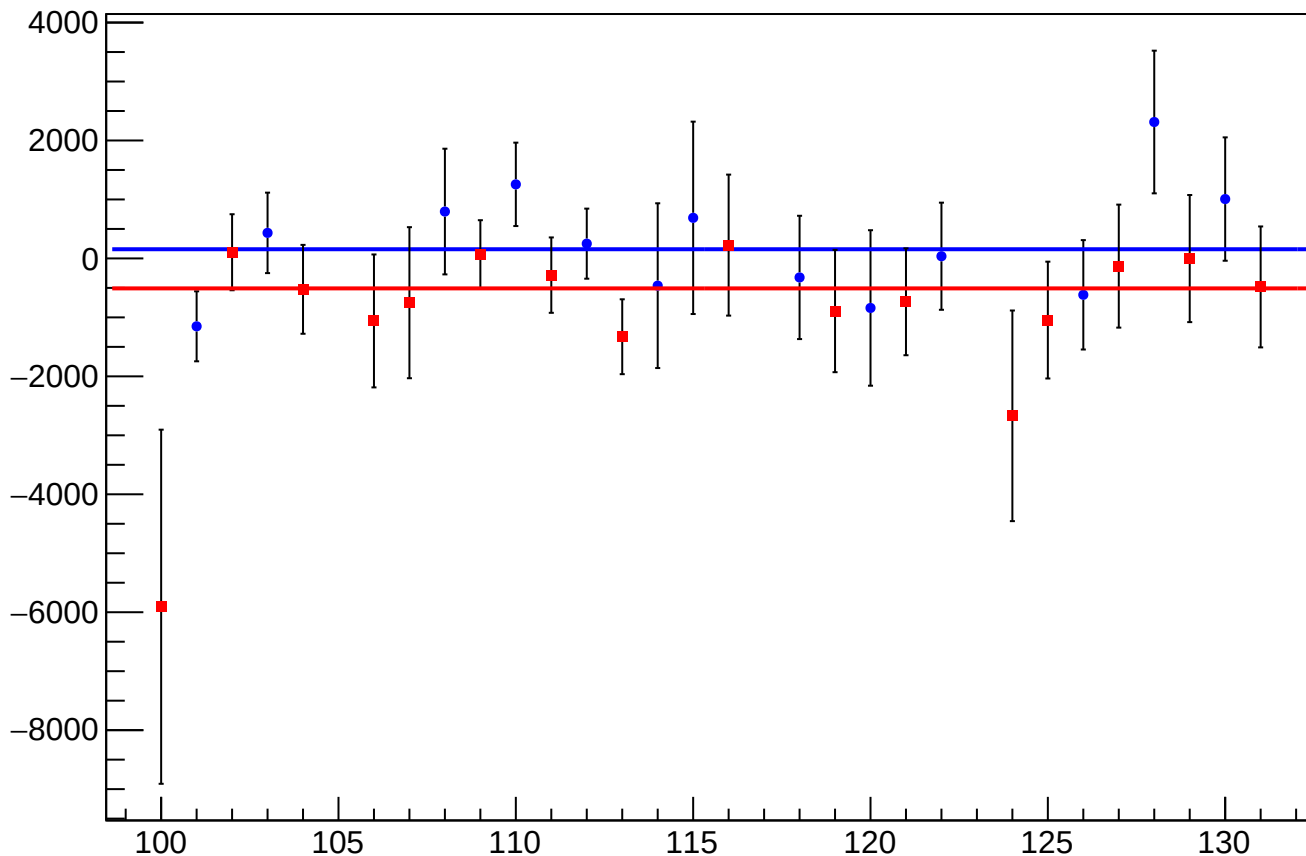
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.564+/-0.011 χ^2/NDF : 1100828.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_eigen_cor_correction_mean vs Slug



Right In: 155.708 ± 242.182 $\chi^2/\text{NDF}: 13.5/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -508.345 ± 220.677 $\chi^2/\text{NDF}: 9.9/15$

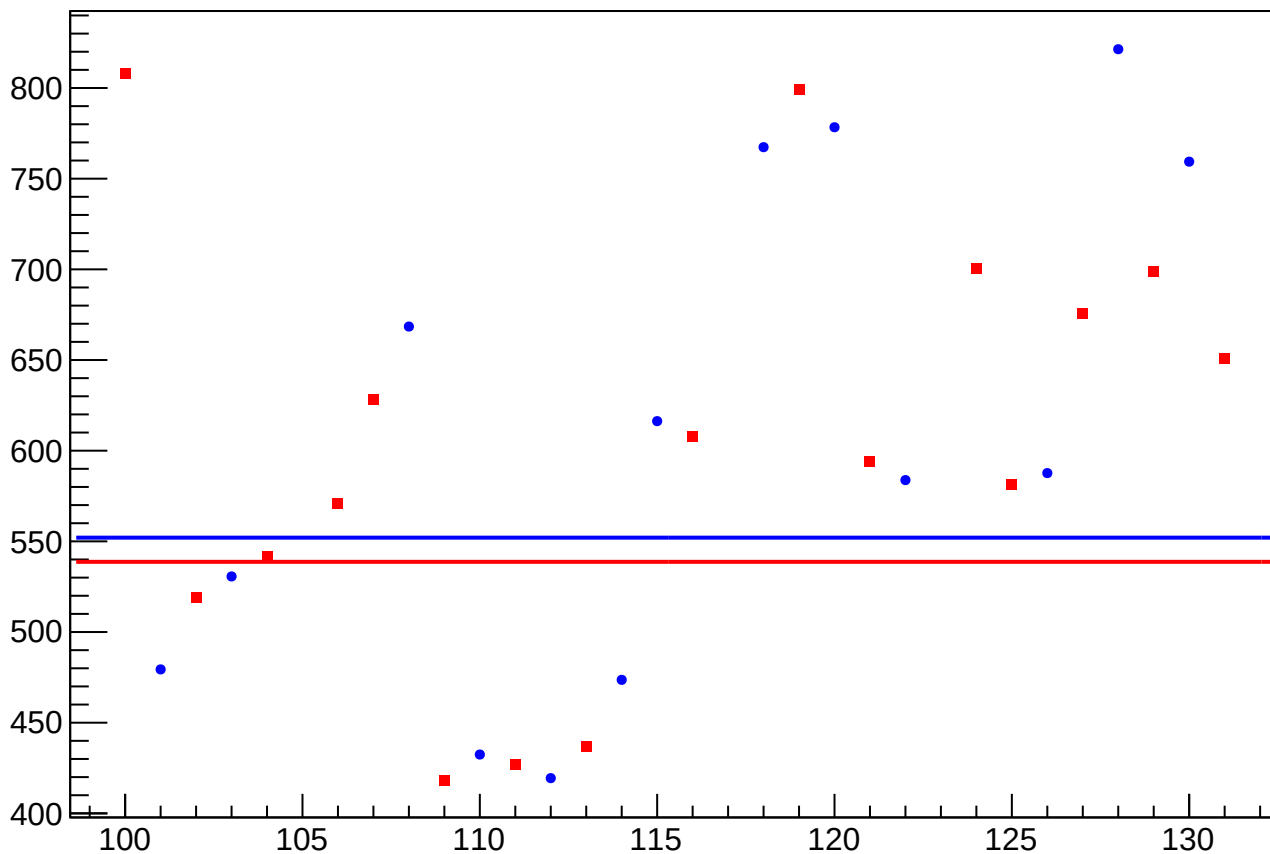
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -207.105 ± 163.116 $\chi^2/\text{NDF}: 27.5/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_1357_avg_eigen_cor_correction_rms vs Slug



Right In: 552.044+/-0.171 χ^2/NDF : 548892.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 538.712+/-0.156 χ^2/NDF : 492475.8/15

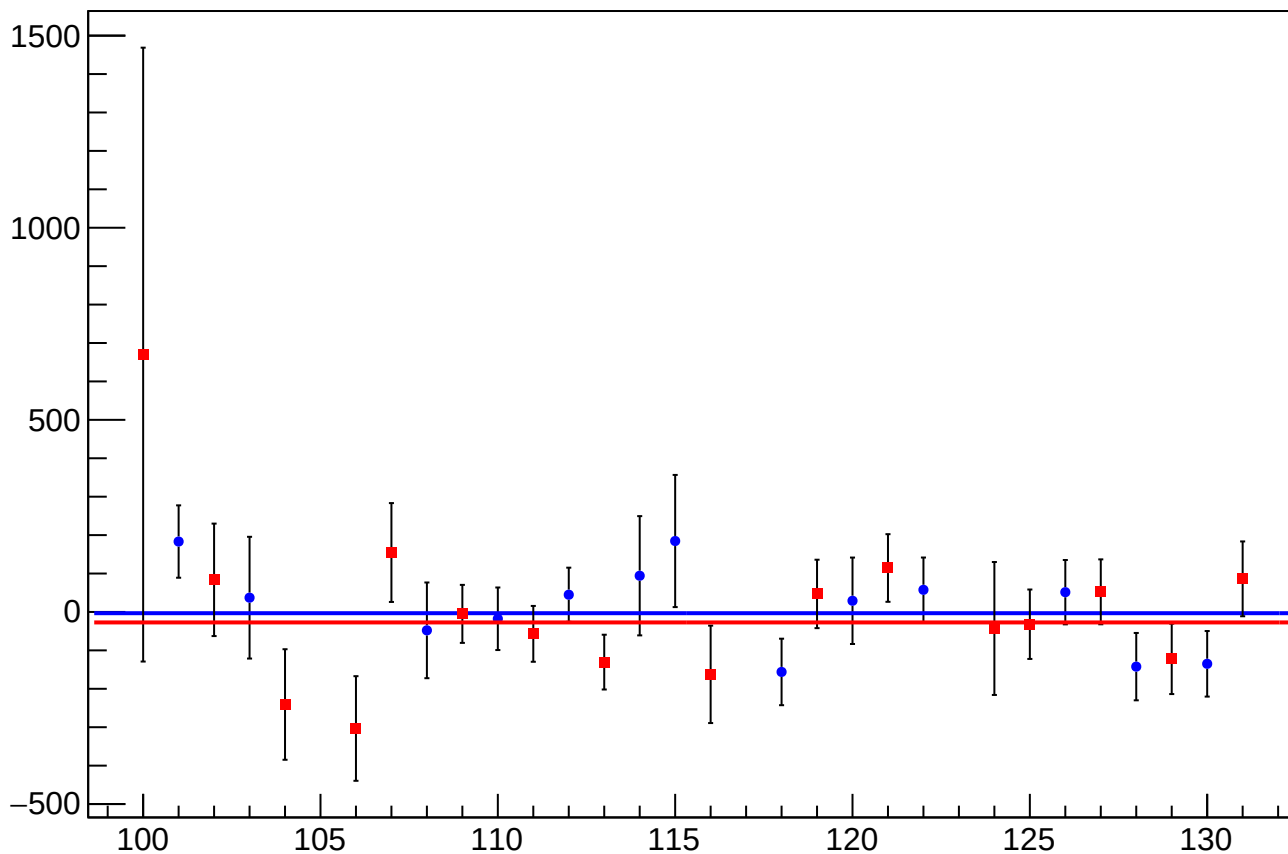
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 544.760+/-0.115 χ^2/NDF : 1044679.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_avg_mean vs Slug



Right In: -3.240 ± 26.641 χ^2/NDF : 15.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -27.297 ± 24.919 χ^2/NDF : 19.8/15

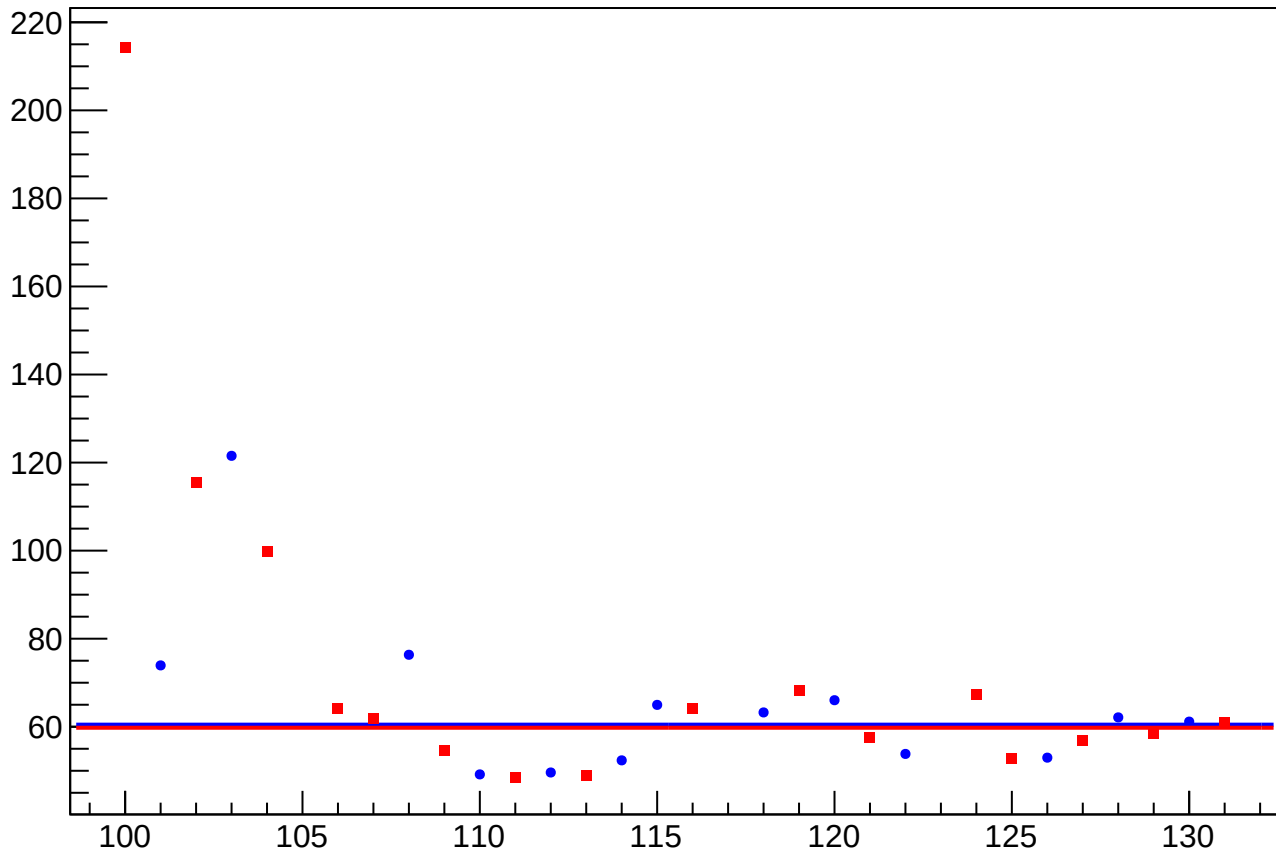
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.071 ± 18.199 χ^2/NDF : 35.4/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_avg_rms vs Slug



Right In: 60.478+/-0.019 χ^2/NDF : 499530.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.774+/-0.018 χ^2/NDF : 667155.3/15

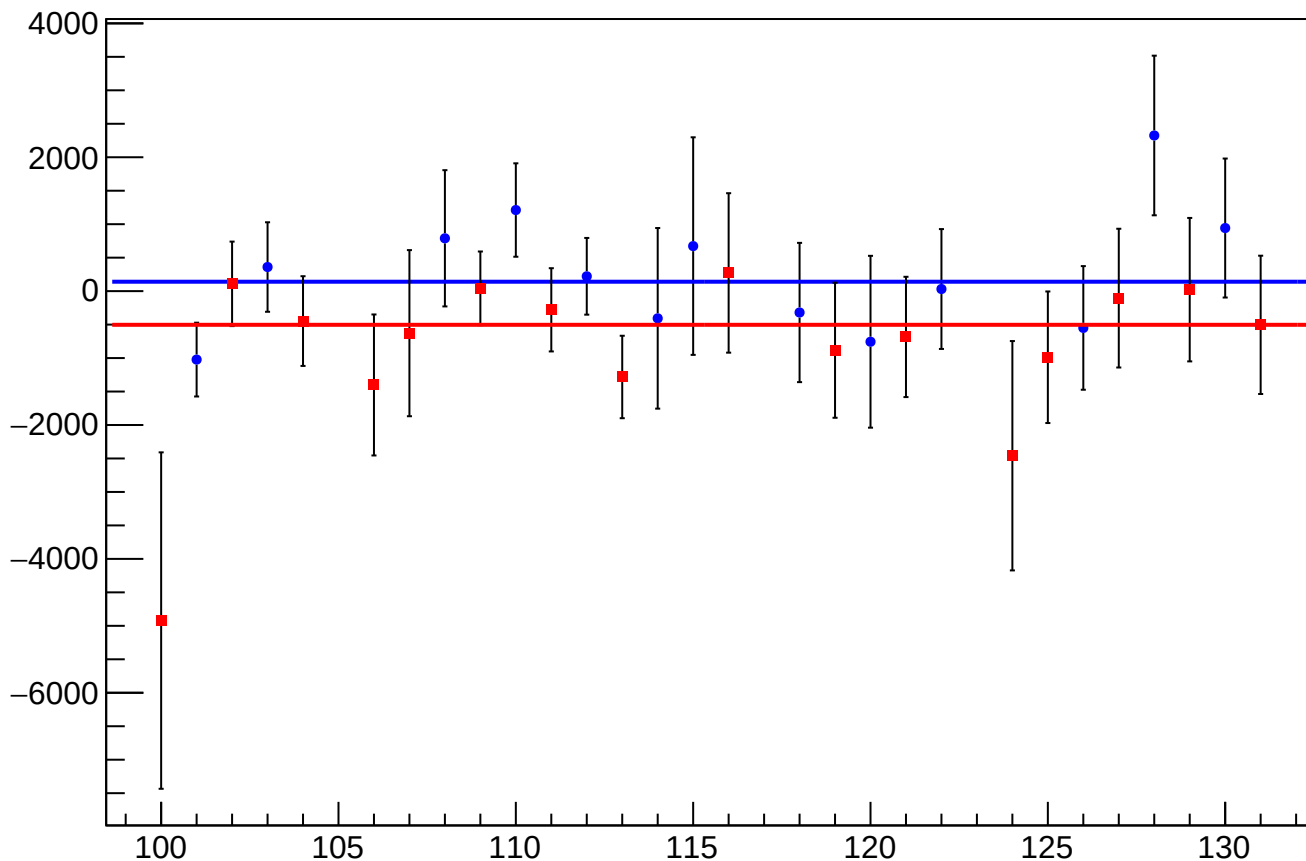
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.102+/-0.013 χ^2/NDF : 1167430.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_dit_correction_mean vs Slug



Right In: 140.607 $\pm$ 235.023 χ^2 /NDF: 12.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -503.162 $\pm$ 213.143 χ^2 /NDF: 10.0/15

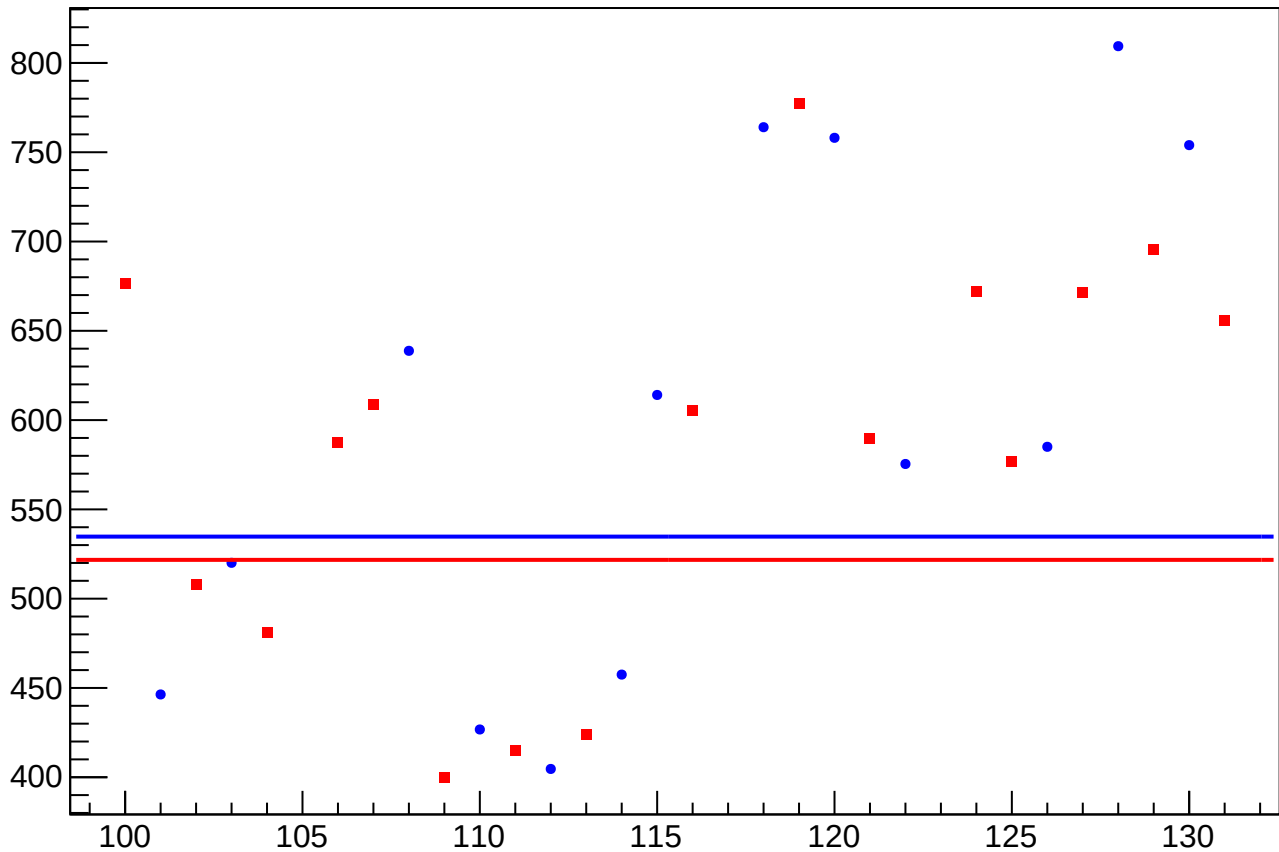
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -212.632 $\pm$ 157.885 χ^2 /NDF: 27.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_dit_correction_rms vs Slug



Right In: 534.754+/-0.166 χ^2/NDF : 598708.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 521.728+/-0.151 χ^2/NDF : 539633.6/15

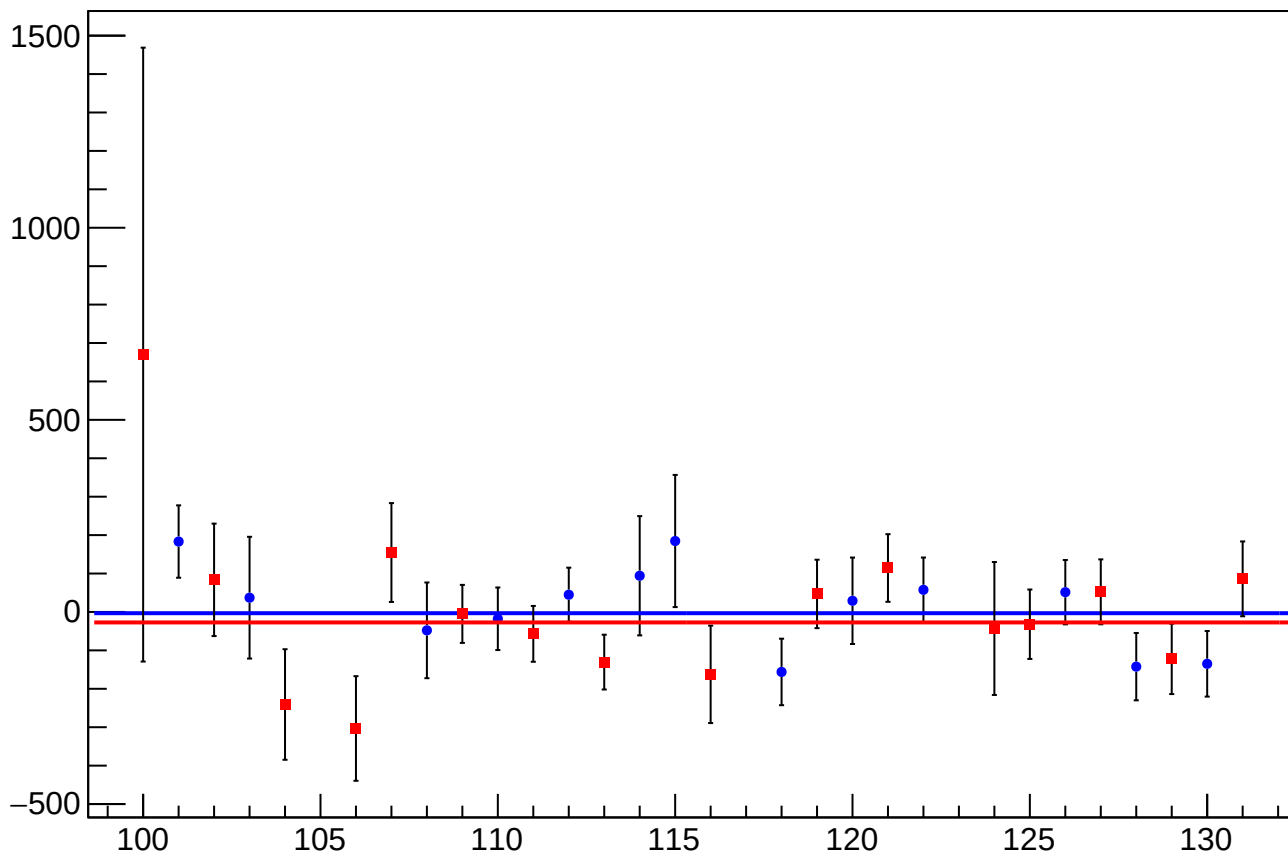
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 527.607+/-0.112 χ^2/NDF : 1141712.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1357_avg_mean vs Slug



Right In: -3.242 ± 26.641 χ^2/NDF : 15.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -27.296 ± 24.919 χ^2/NDF : 19.8/15

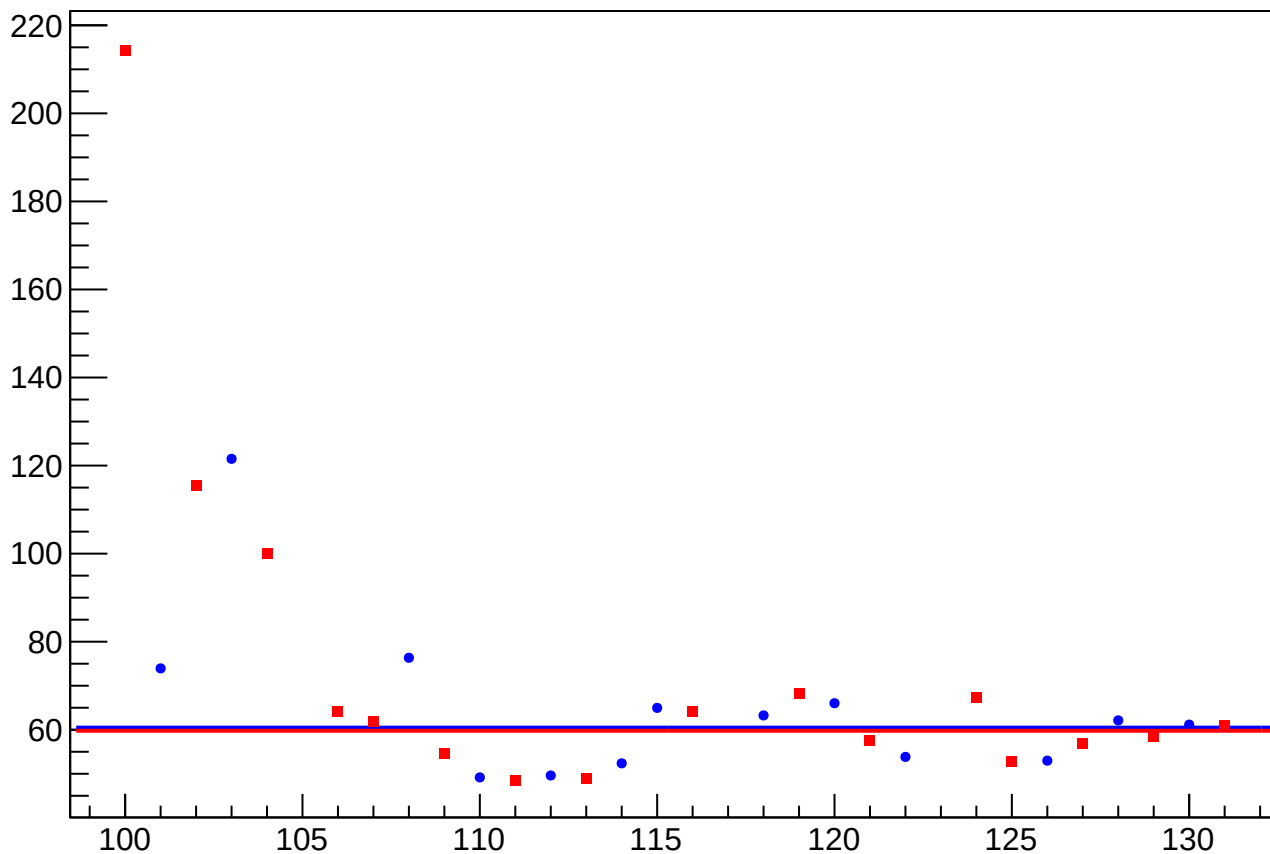
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.071 ± 18.199 χ^2/NDF : 35.4/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1357_avg_rms vs Slug



Right In: 60.478+/-0.019 χ^2/NDF : 499528.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.774+/-0.018 χ^2/NDF : 667154.1/15

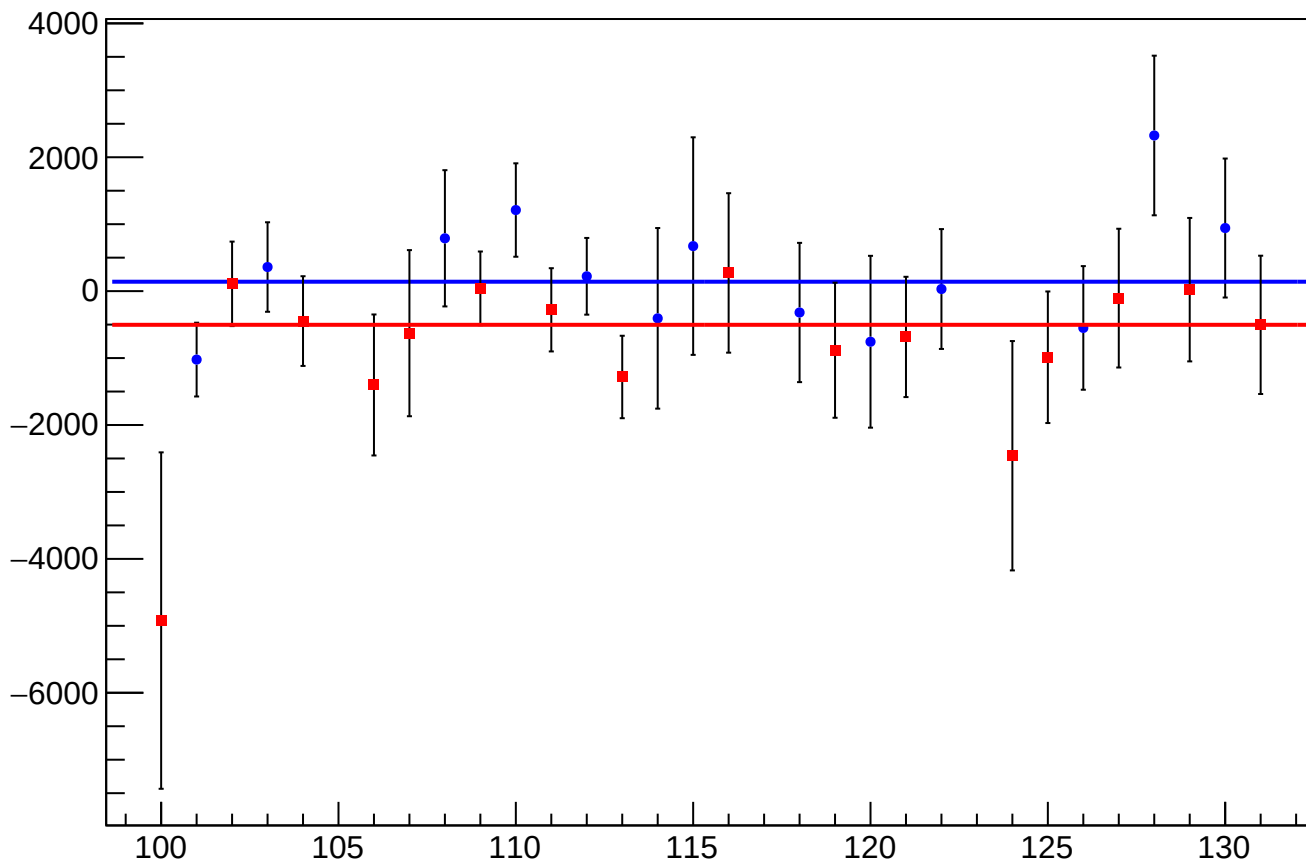
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.102+/-0.013 χ^2/NDF : 1167427.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_eigen_dit_correction_mean vs Slug



Right In: 140.606 $\pm$ 235.022 χ^2 /NDF: 12.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -503.161 $\pm$ 213.142 χ^2 /NDF: 10.0/15

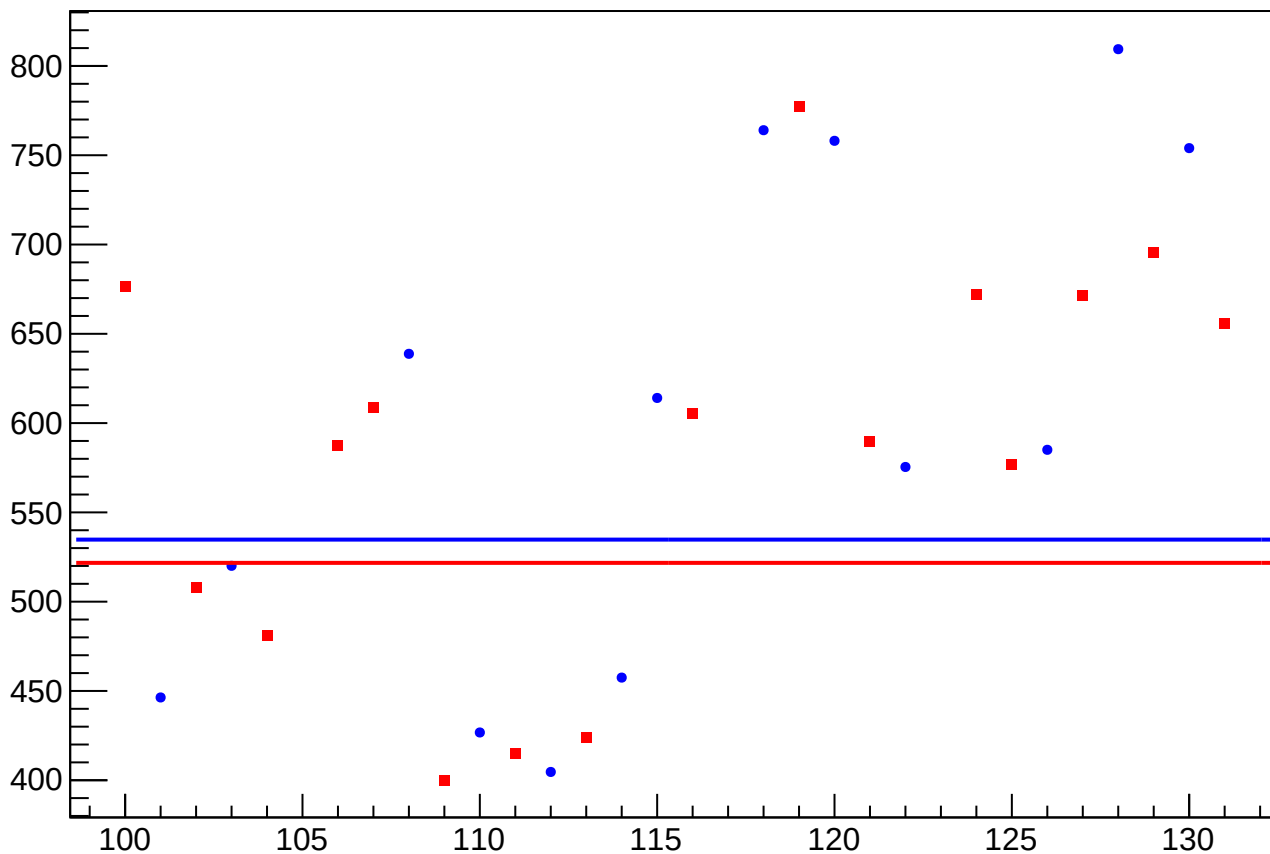
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -212.632 $\pm$ 157.884 χ^2 /NDF: 27.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_dit_correction_rms vs Slug



Right In: 534.753+/-0.166 χ^2/NDF : 598714.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 521.727+/-0.151 χ^2/NDF : 539636.2/15

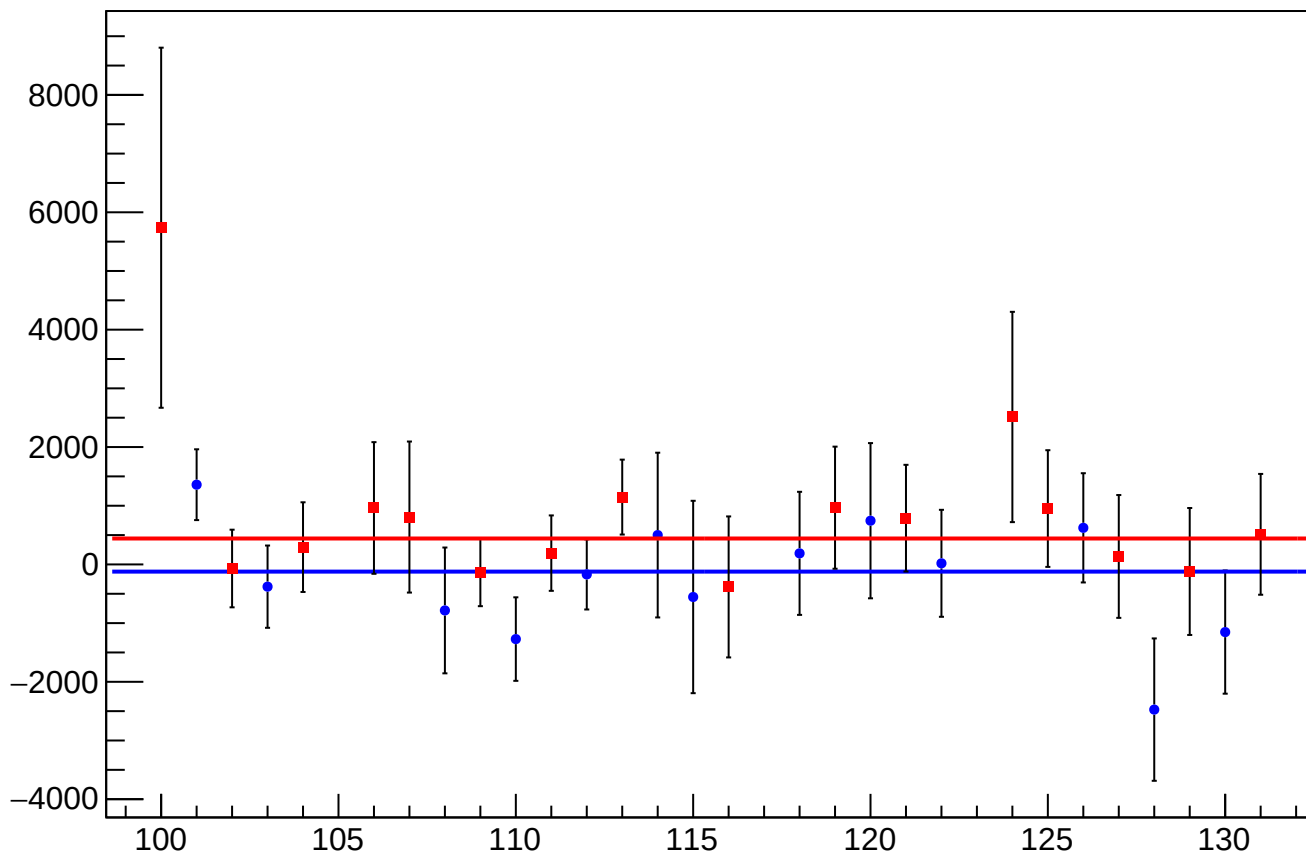
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 527.606+/-0.112 χ^2/NDF : 1141721.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_mean vs Slug



Right In: -122.427+/-244.418 χ^2 /NDF: 15.3/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 441.705+/-222.379 χ^2 /NDF: 9.1/15

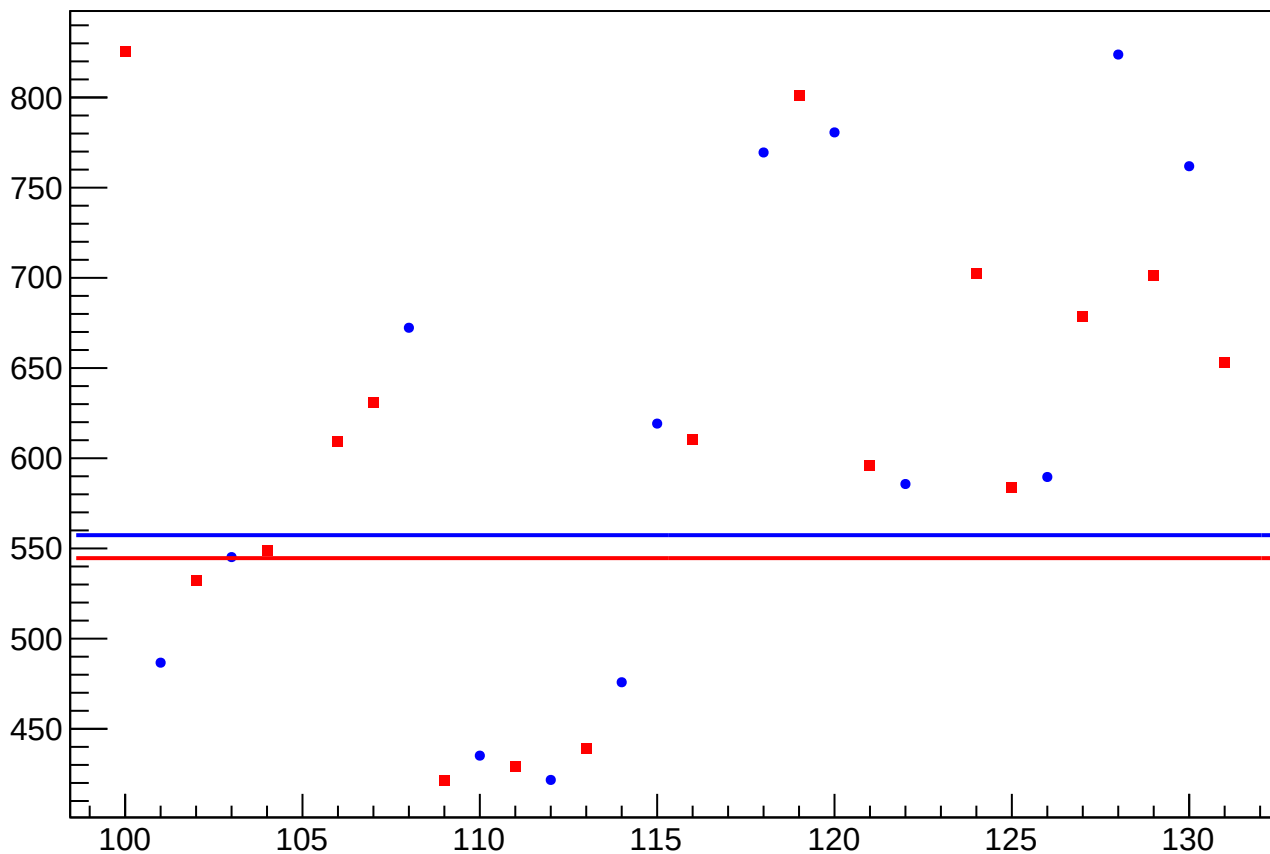
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 186.215+/-164.487 χ^2 /NDF: 27.3/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_rms vs Slug



Right In: 557.359+/-0.173 χ^2/NDF : 538528.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 544.628+/-0.157 χ^2/NDF : 492529.6/15

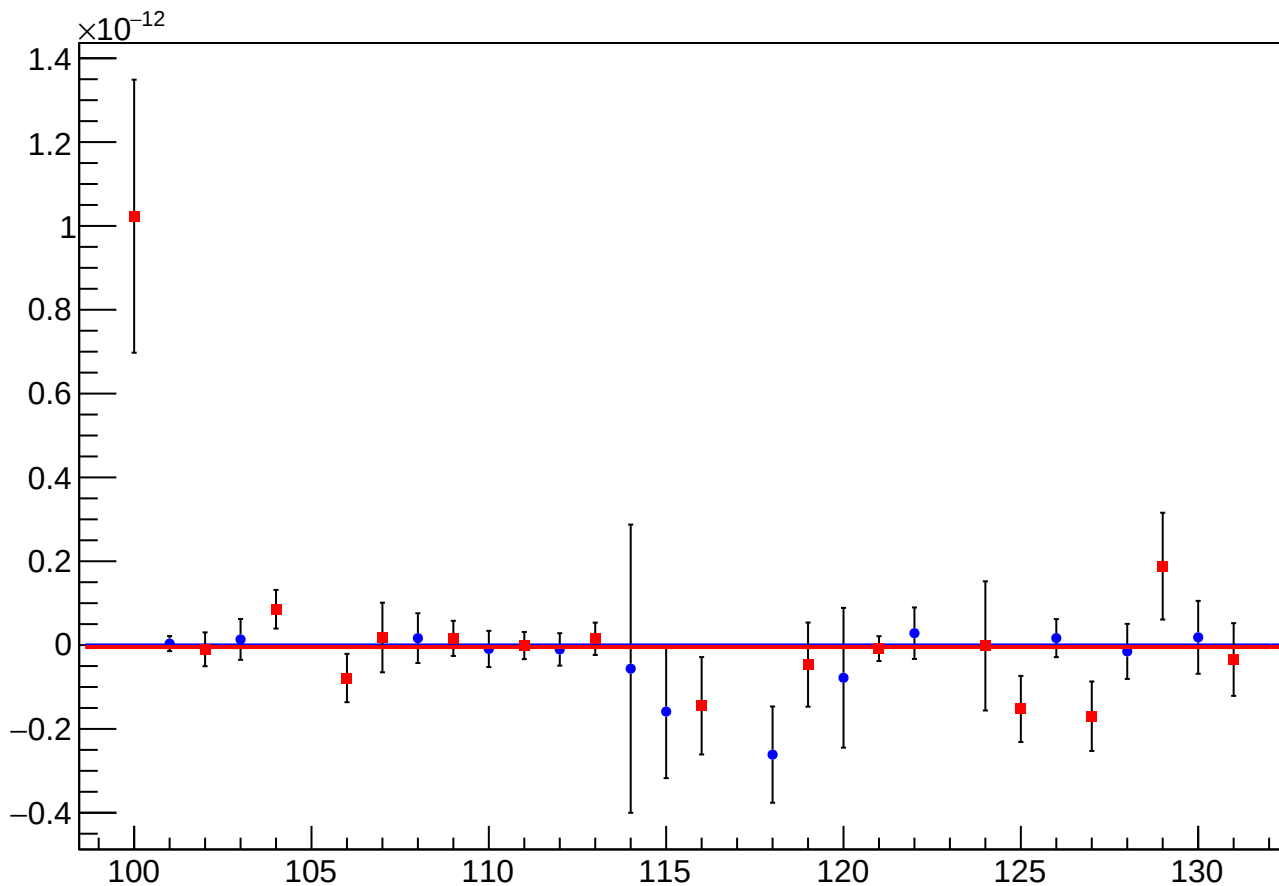
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 550.394+/-0.116 χ^2/NDF : 1034027.2/28

- 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 : 7.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 27.6/15

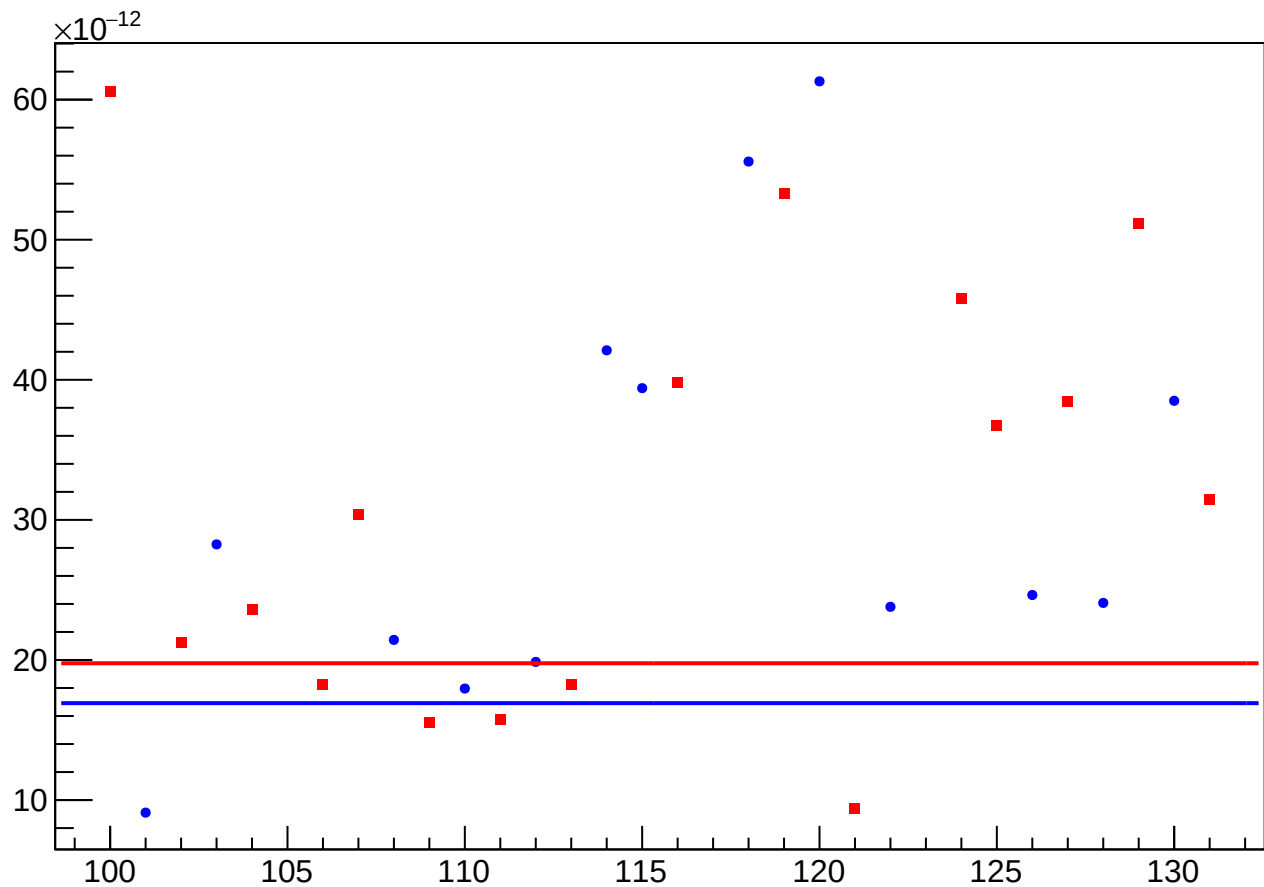
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 34.8/28

- 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 : 1161811.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1071579.5/15

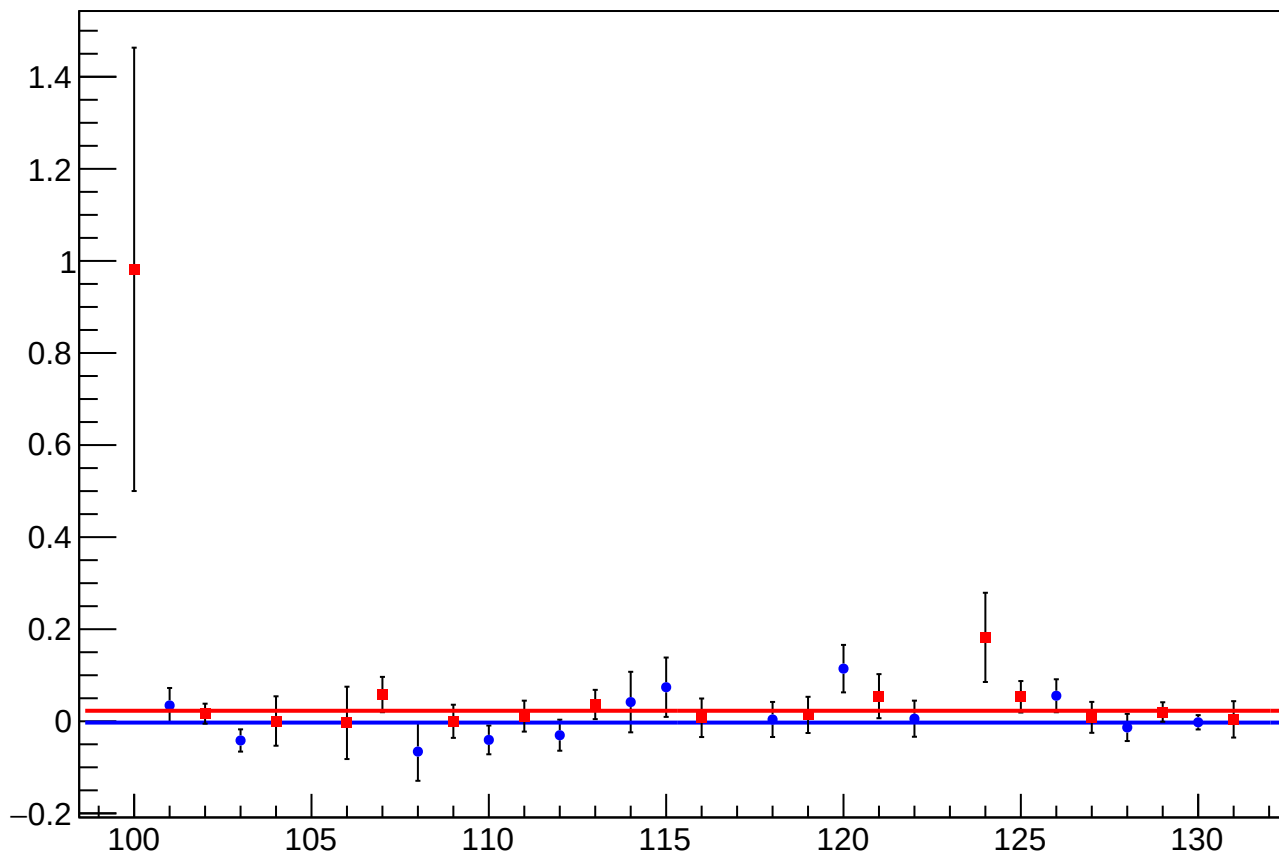
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2281424.3/28

- 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 : 16.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.023+/-0.009 χ^2/NDF : 10.4/15

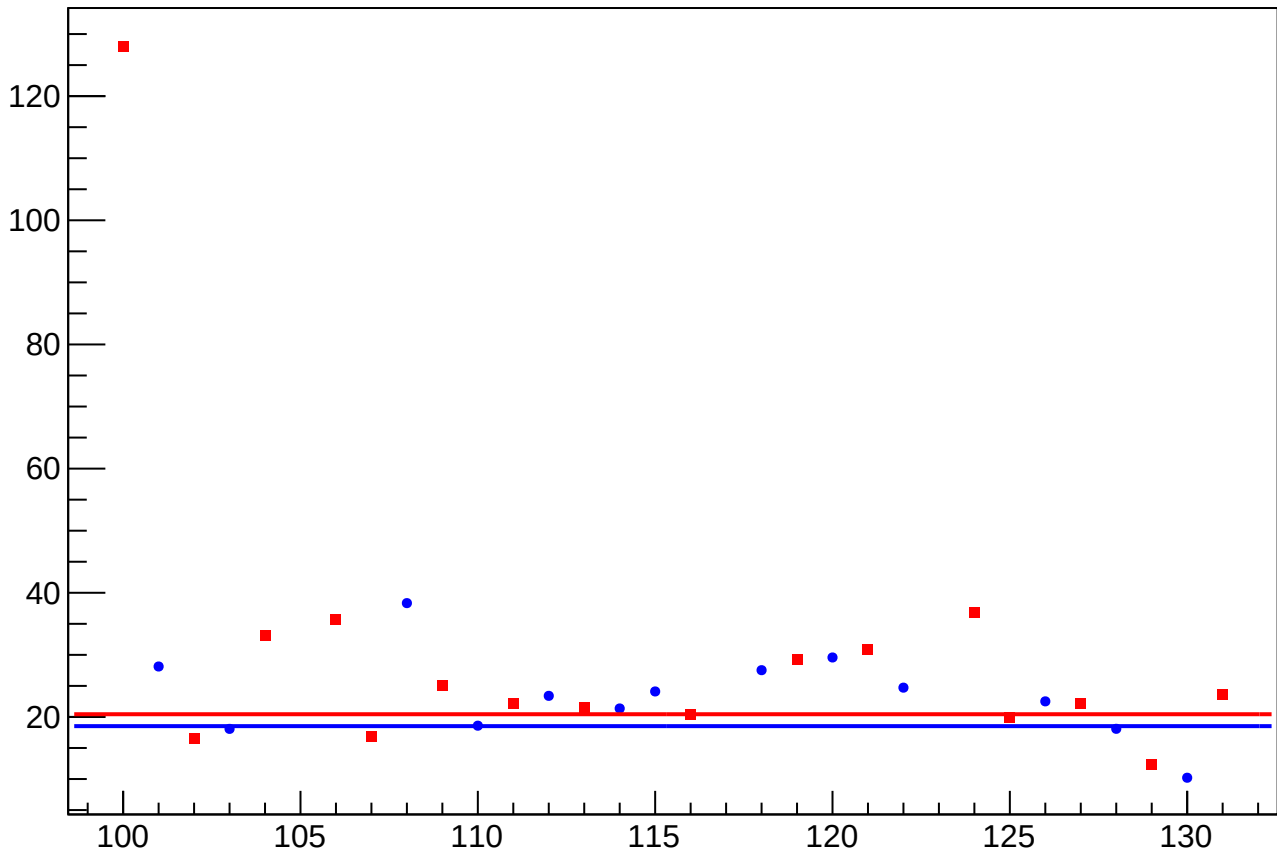
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.006 χ^2/NDF : 31.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_dit_vs_cor_diff_rms vs Slug



Right In: 18.519+/-0.006 χ^2/NDF : 1232840.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.437+/-0.006 χ^2/NDF : 966565.5/15

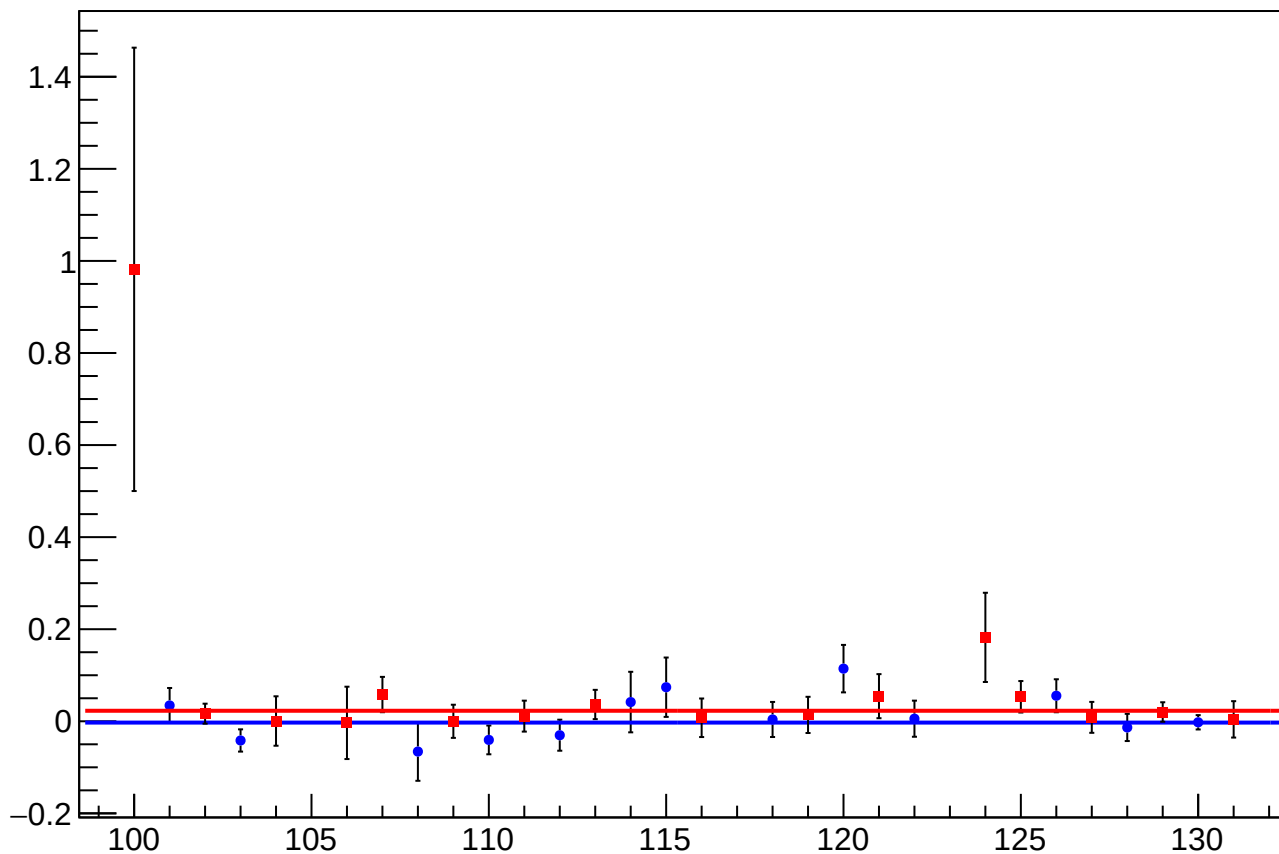
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.461+/-0.004 χ^2/NDF : 2245633.7/28

- 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 : 16.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.023+/-0.009 χ^2/NDF : 10.4/15

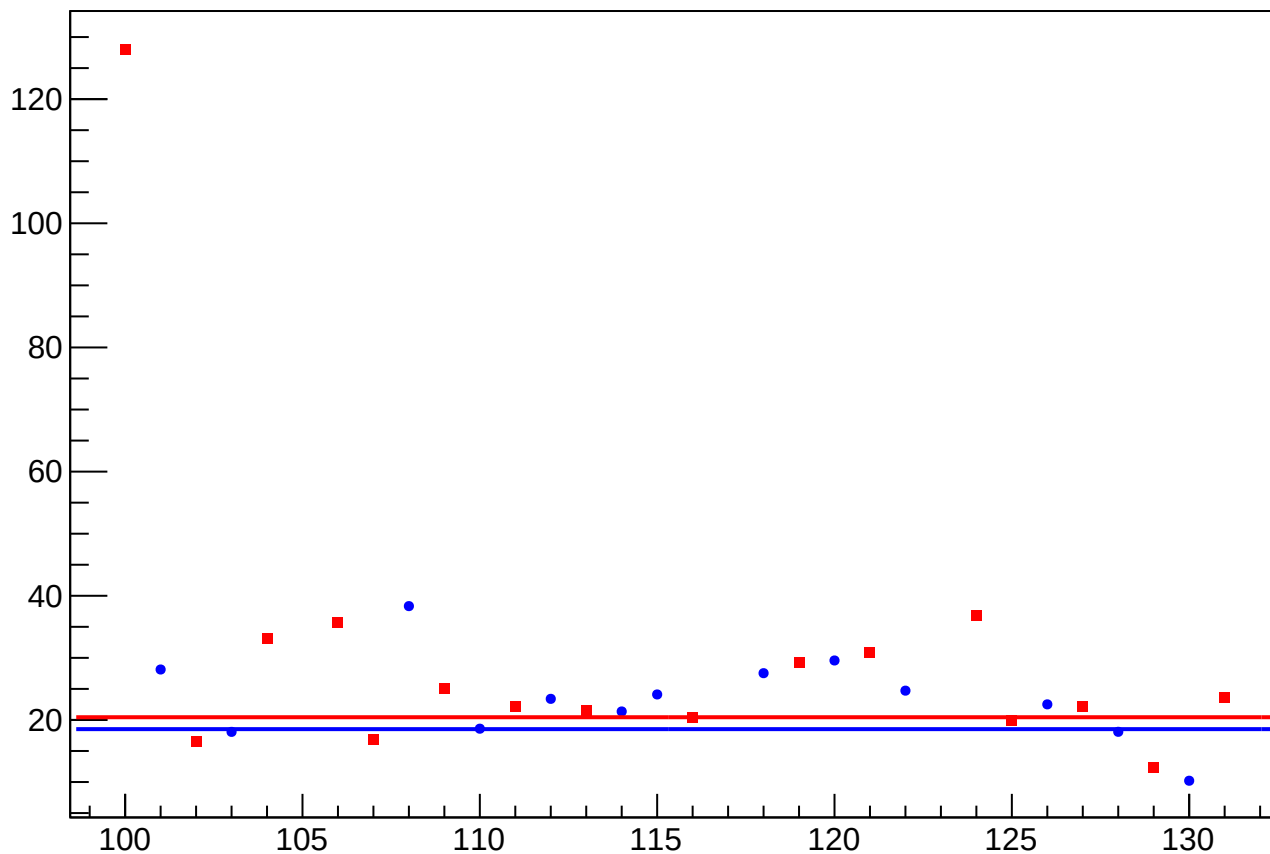
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.006 χ^2/NDF : 31.1/28

- 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: 18.519+/-0.006 χ^2/NDF : 1232840.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.437+/-0.006 χ^2/NDF : 966565.5/15

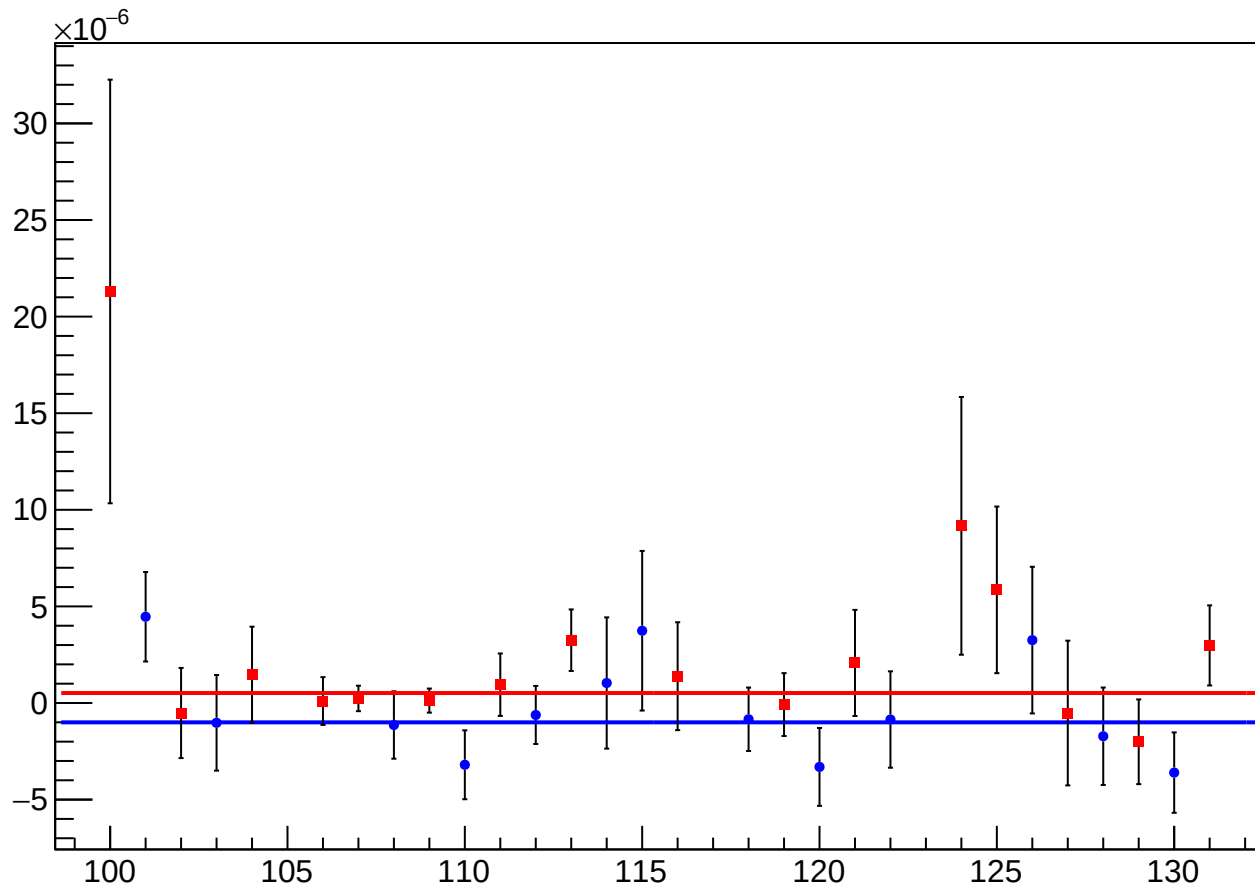
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.461+/-0.004 χ^2/NDF : 2245633.7/28

- 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: 13.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 14.2/15

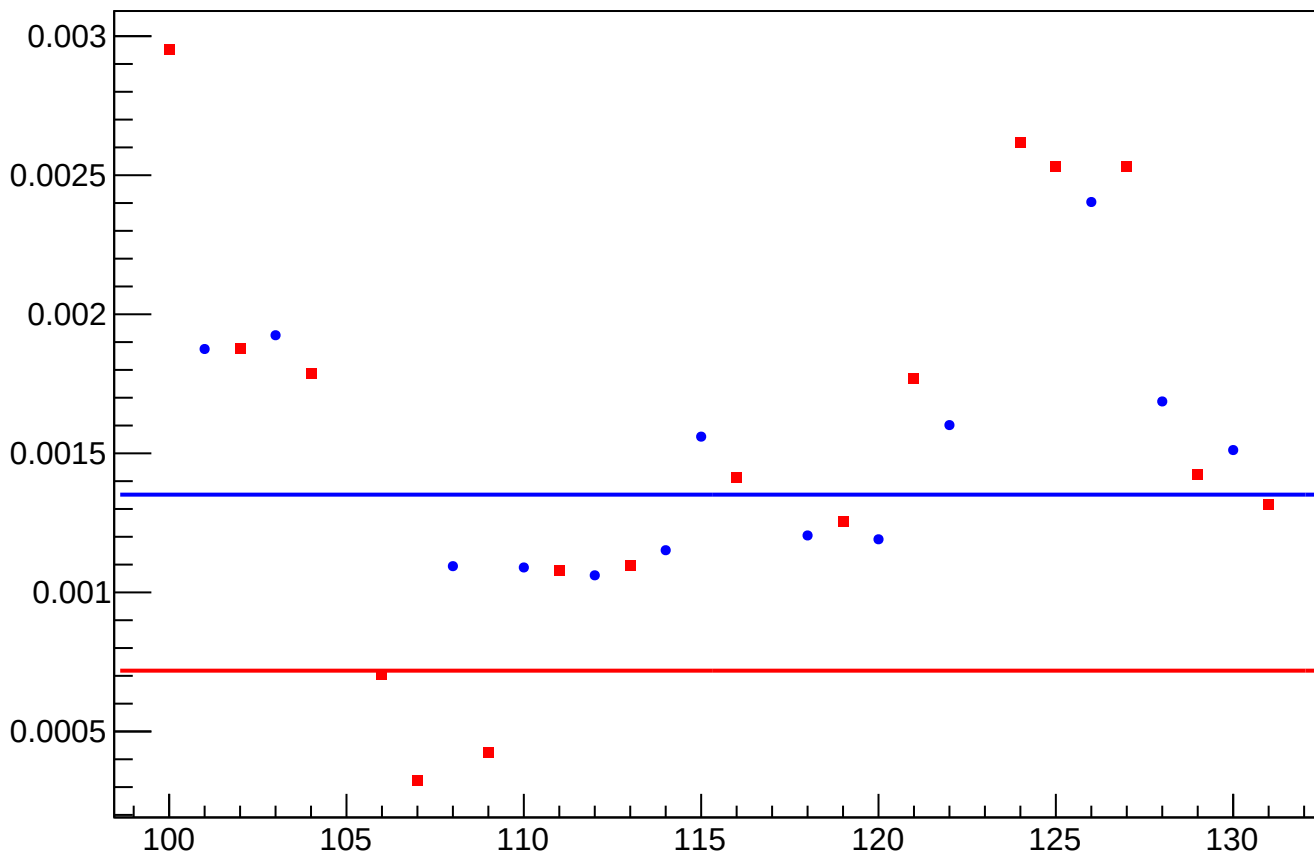
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 32.1/28

- 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 : 632426.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4312552.2/15

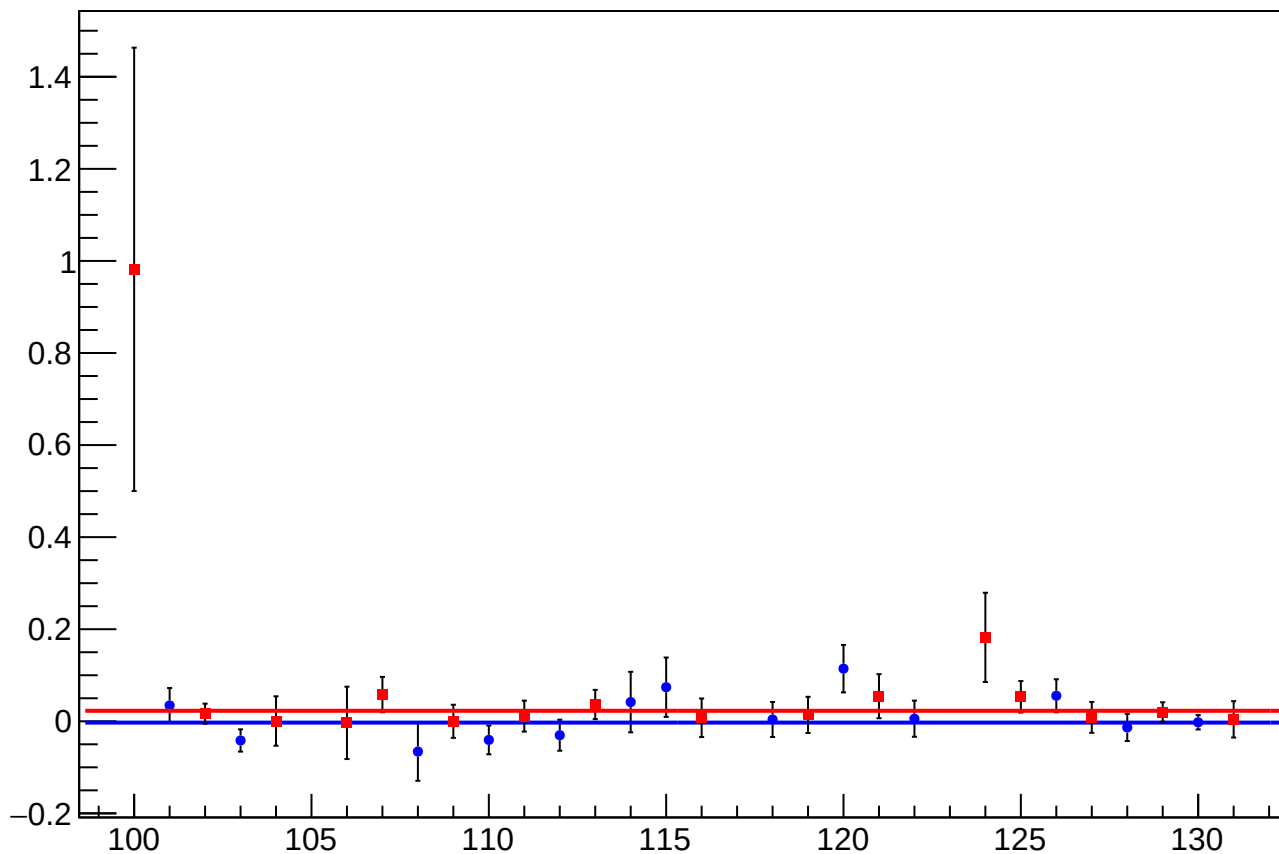
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6608071.4/28

- 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 : 16.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.023+/-0.009 χ^2/NDF : 10.4/15

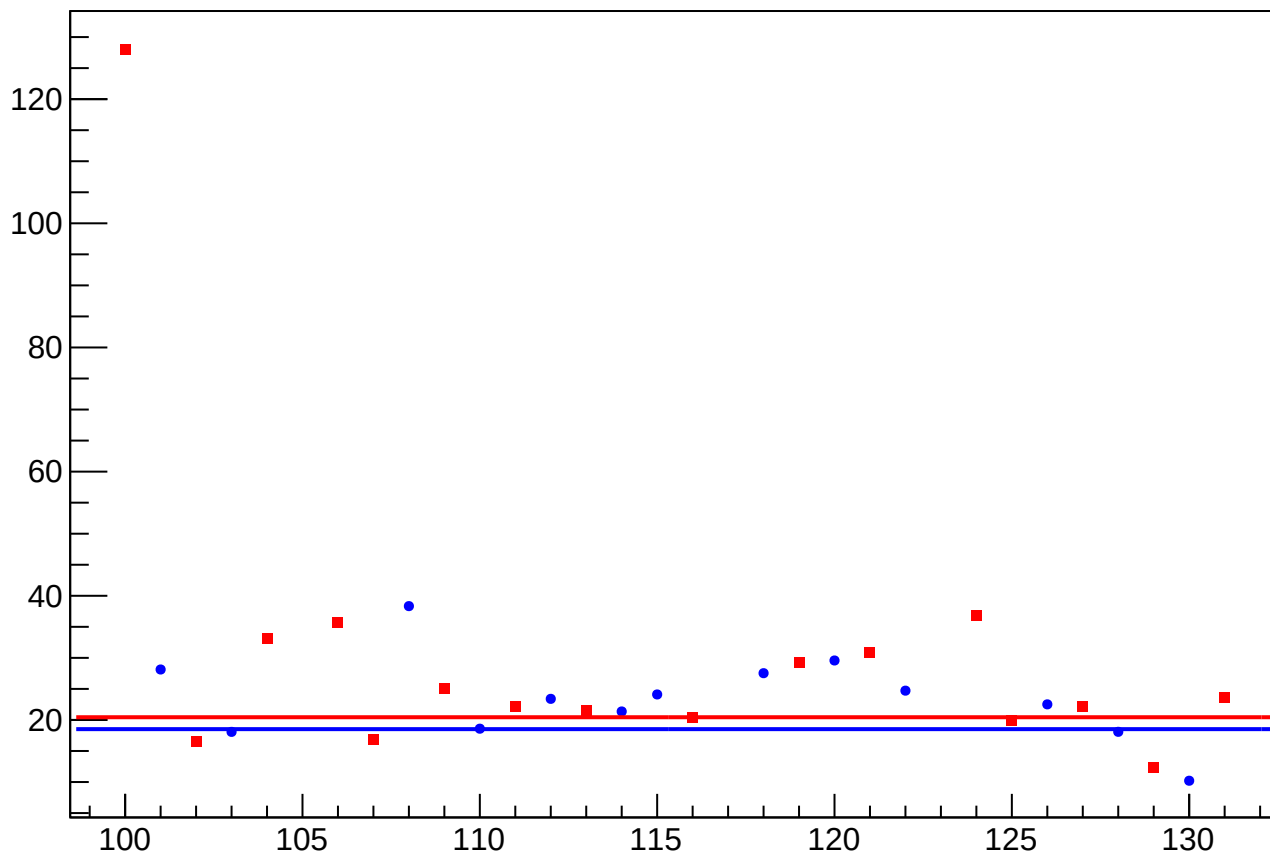
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.006 χ^2/NDF : 31.1/28

- 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: 18.519+/-0.006 χ^2/NDF : 1232755.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.437+/-0.006 χ^2/NDF : 966564.0/15

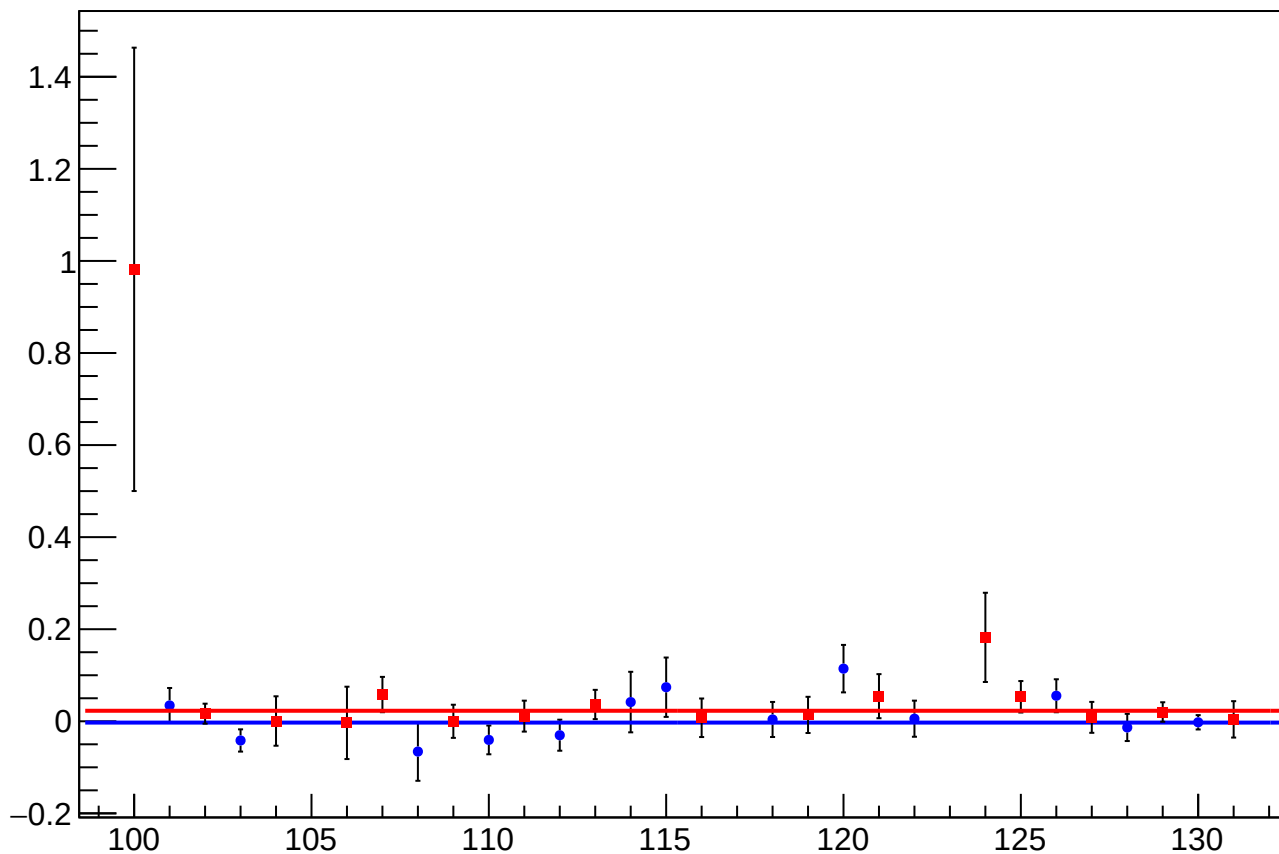
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.461+/-0.004 χ^2/NDF : 2245534.8/28

- 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 : 16.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.023+/-0.009 χ^2/NDF : 10.4/15

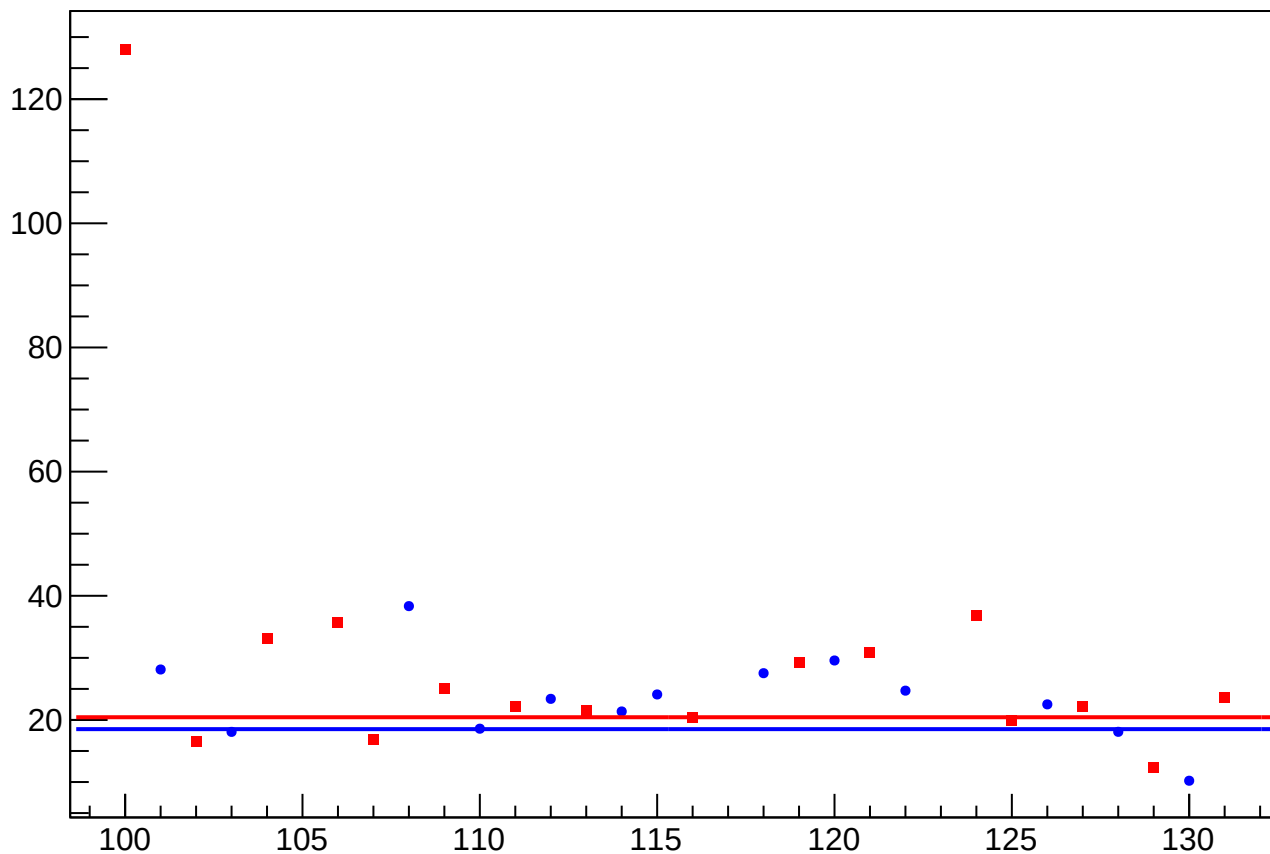
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.006 χ^2/NDF : 31.1/28

- 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: 18.519+/-0.006 χ^2/NDF : 1232755.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.437+/-0.006 χ^2/NDF : 966564.0/15

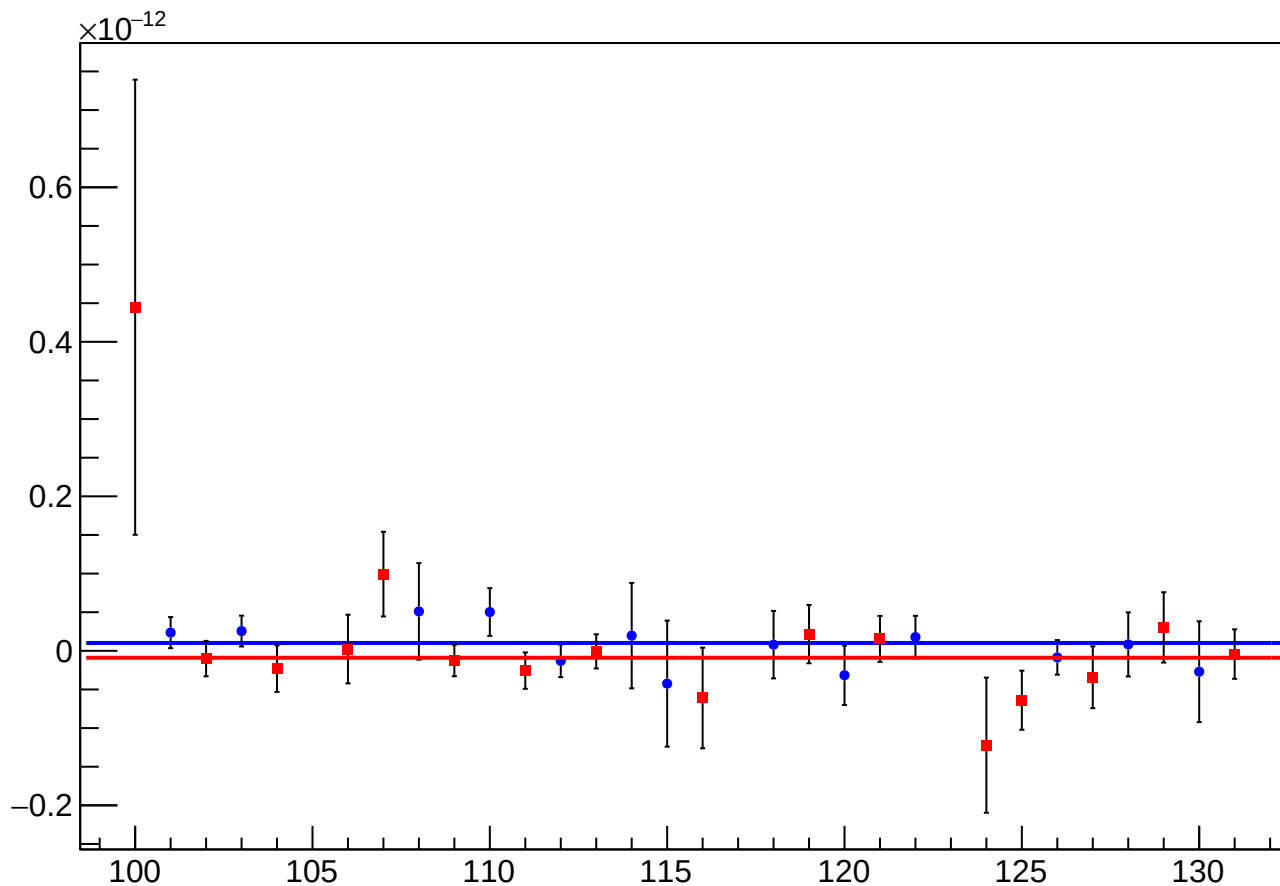
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.461+/-0.004 χ^2/NDF : 2245534.8/28

- 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 : 7.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.1/15

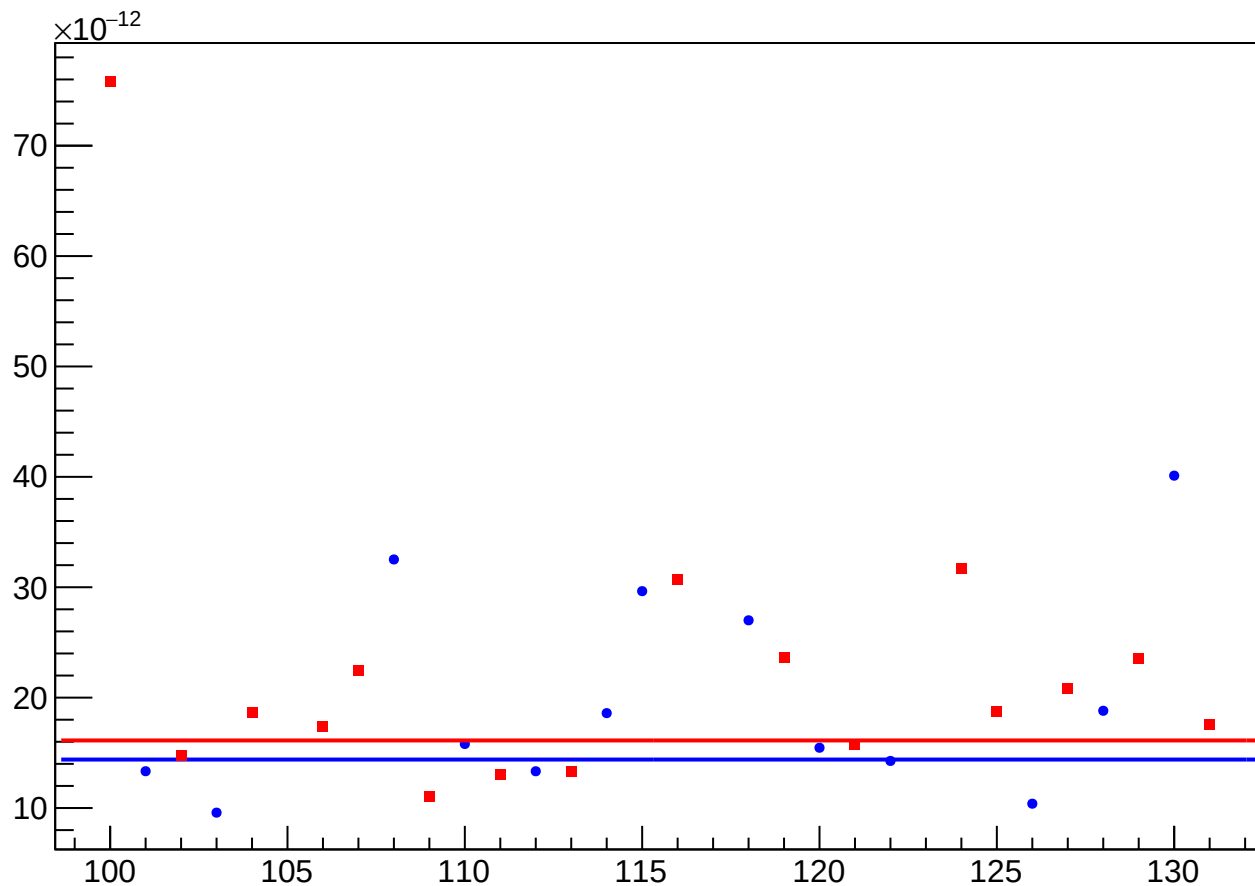
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.8/28

- 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 : 942389.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 659874.5/15

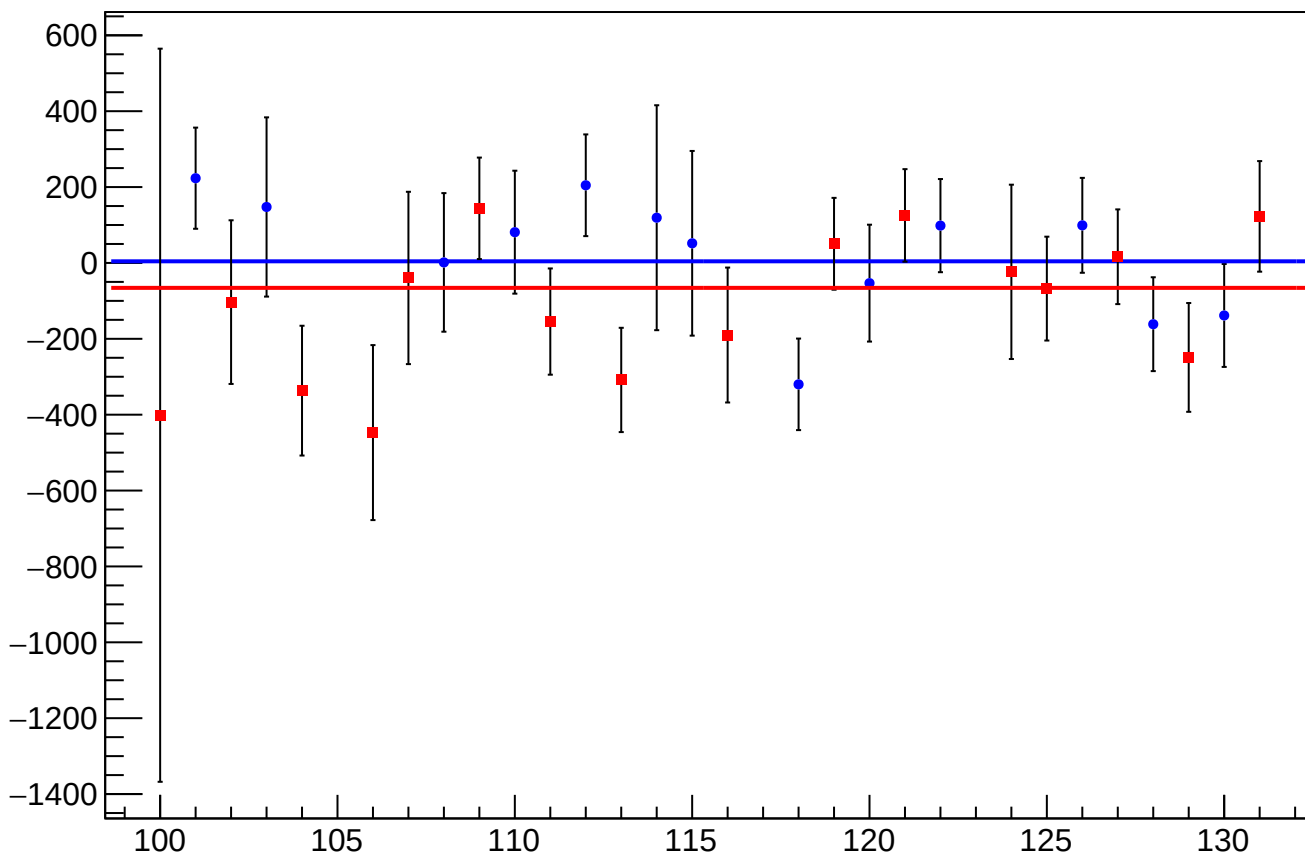
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1646087.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_mean vs Slug



Right In: 4.290+/-41.277 χ^2 /NDF: 17.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -65.693+/-39.100 χ^2 /NDF: 19.0/15

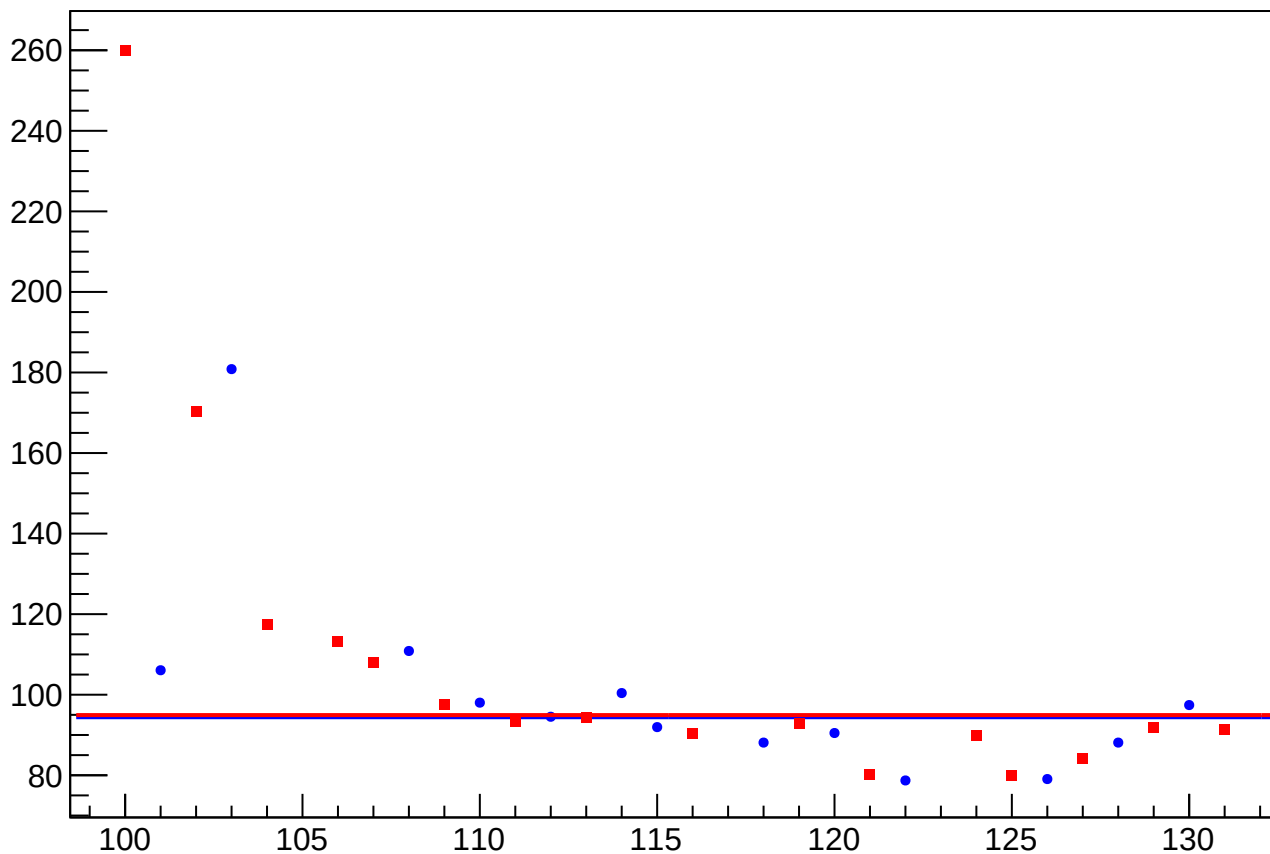
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -32.595+/-28.386 χ^2 /NDF: 37.7/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_2468_avg_rms vs Slug



Right In: 94.413+/-0.029 χ^2/NDF : 376937.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.940+/-0.028 χ^2/NDF : 430399.2/15

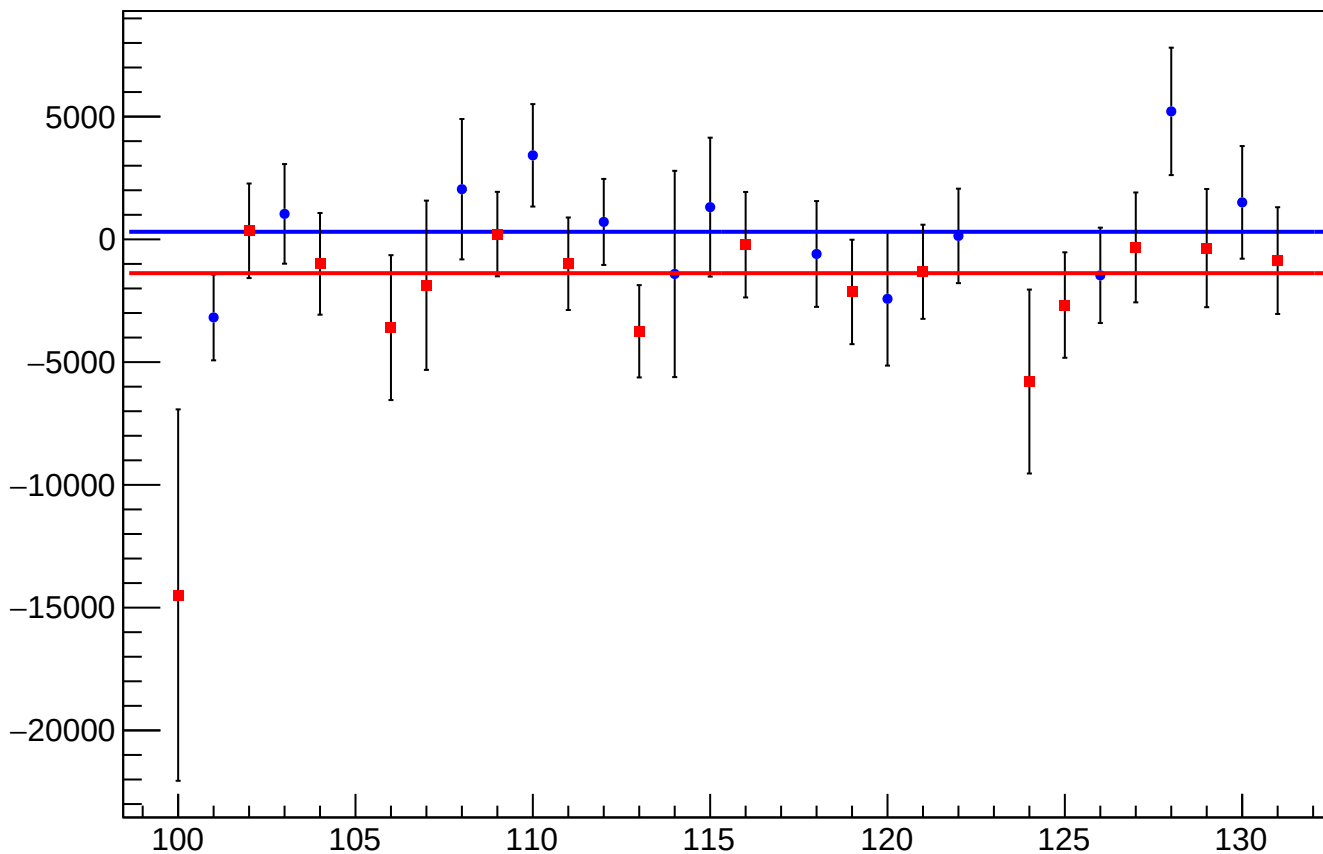
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.691+/-0.020 χ^2/NDF : 807508.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_reg_correction_mean vs Slug



Right In: 308.281 $\pm$ 613.846 χ^2 /NDF: 12.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1376.737 $\pm$ 558.718 χ^2 /NDF: 9.5/15

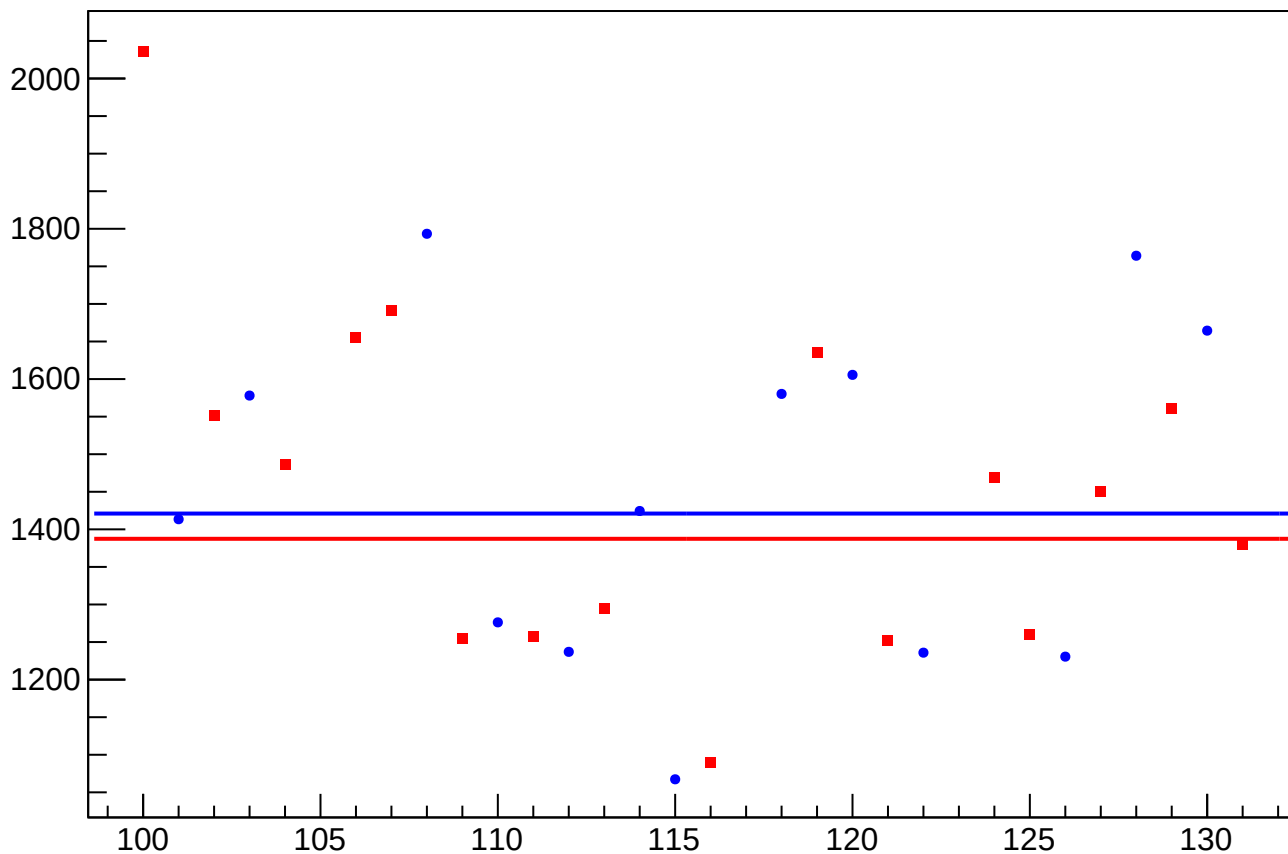
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -613.275 $\pm$ 413.191 χ^2 /NDF: 26.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_reg_correction_rms vs Slug



Right In: 1421.014+/-0.434 χ^2/NDF : 224264.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

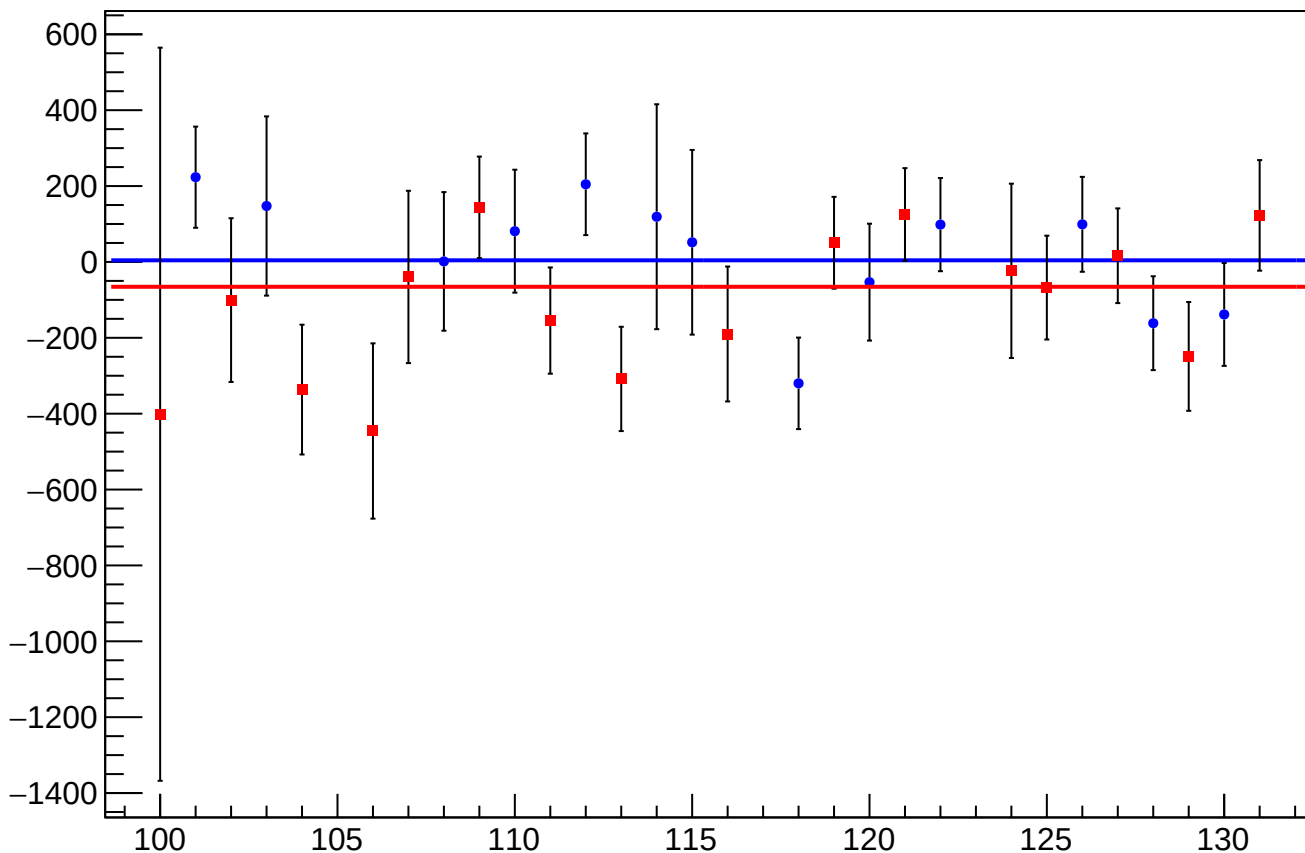
Right Out: 1387.413+/-0.395 χ^2/NDF : 187397.1/15

All: 1402.637+/-0.292 χ^2/NDF : 414939.2/28

- 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_2468_avg_mean vs Slug



Right In: 4.278+/-41.277 χ^2 /NDF: 17.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -65.510+/-39.103 χ^2 /NDF: 19.0/15

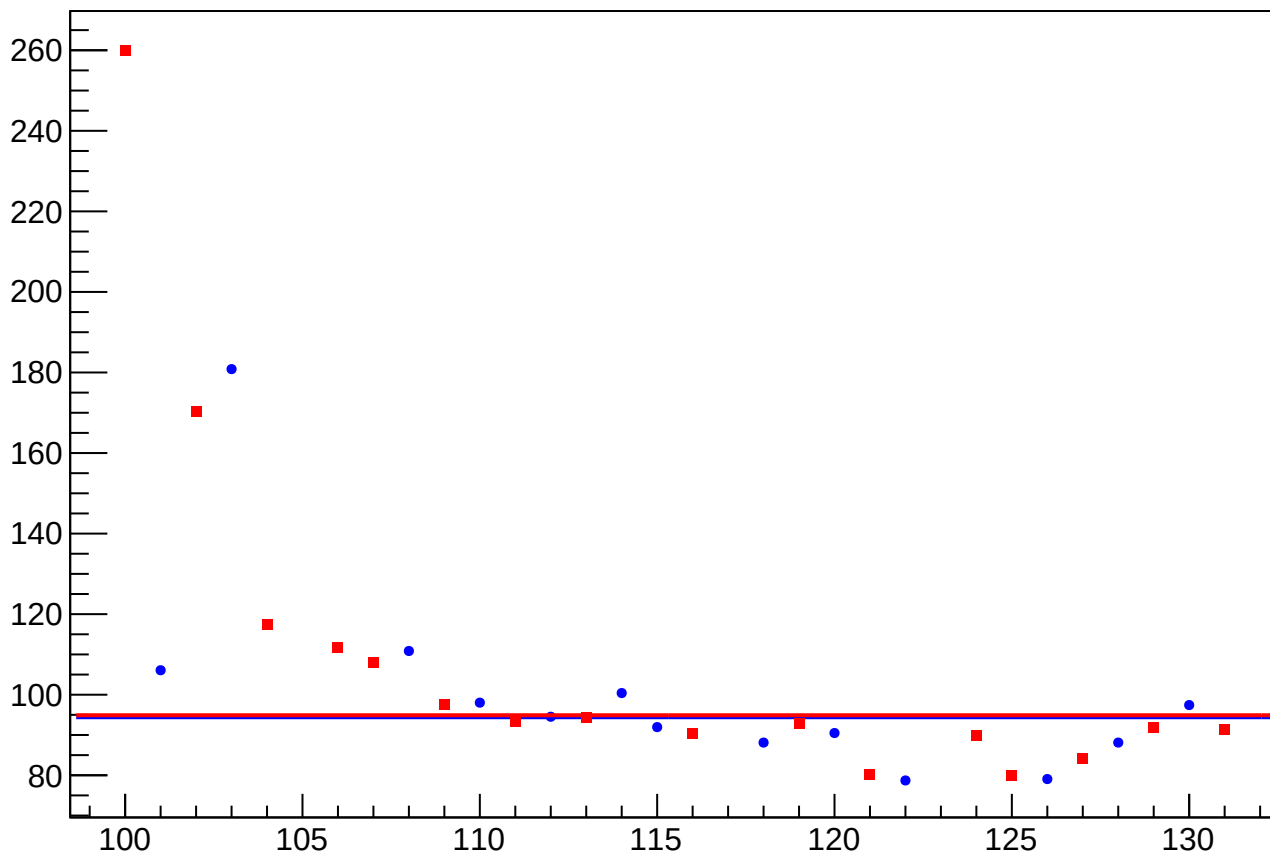
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -32.502+/-28.387 χ^2 /NDF: 37.6/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_2468_avg_rms vs Slug



Right In: 94.413+/-0.029 χ^2/NDF : 376940.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.901+/-0.028 χ^2/NDF : 428922.2/15

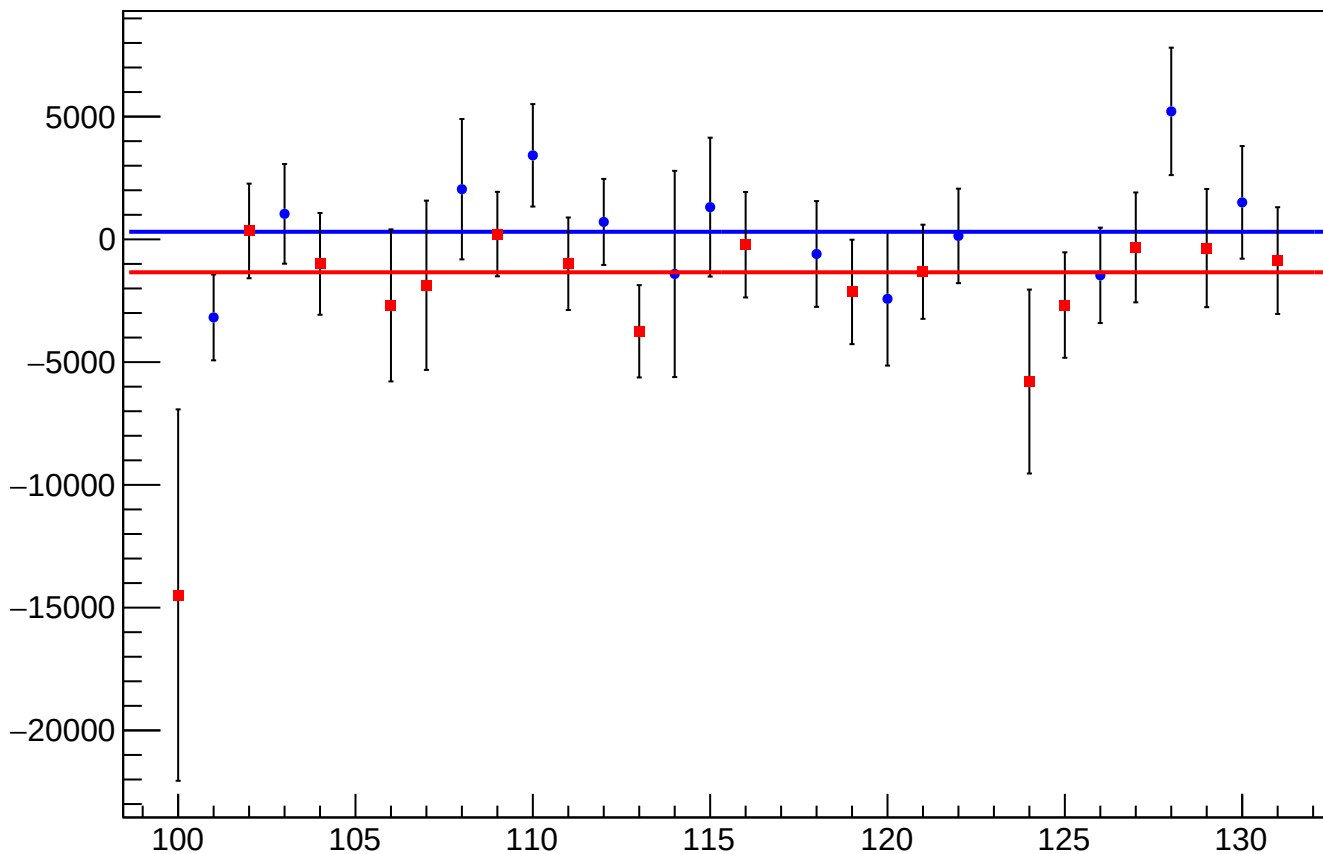
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.670+/-0.020 χ^2/NDF : 806010.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_cor_correction_mean vs Slug



Right In: 308.344+/-613.850 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1340.591+/-559.670 χ^2/NDF : 9.1/15

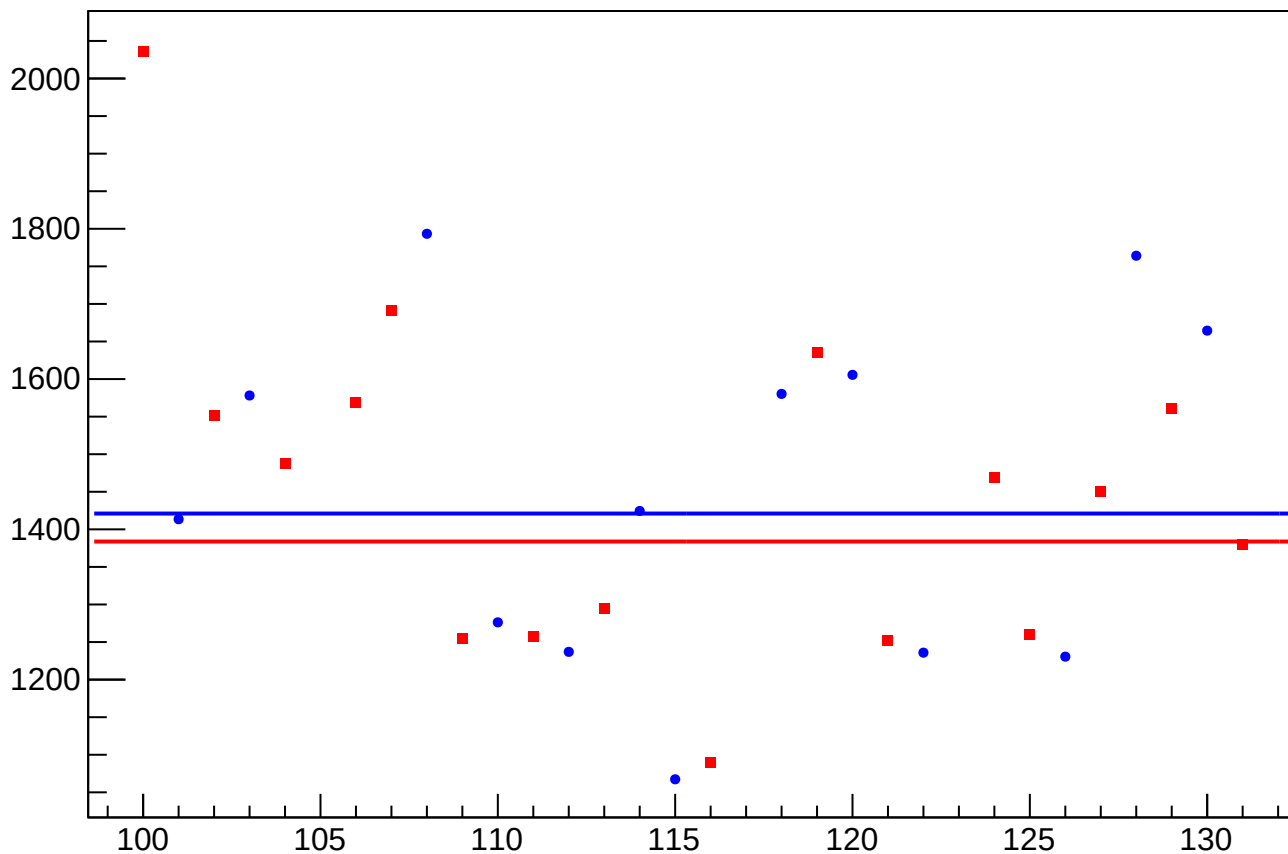
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -592.092+/-413.577 χ^2/NDF : 26.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_cor_correction_rms vs Slug



Right In: 1421.022+/-0.434 χ^2/NDF : 224280.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1383.773+/-0.396 χ^2/NDF : 177872.2/15

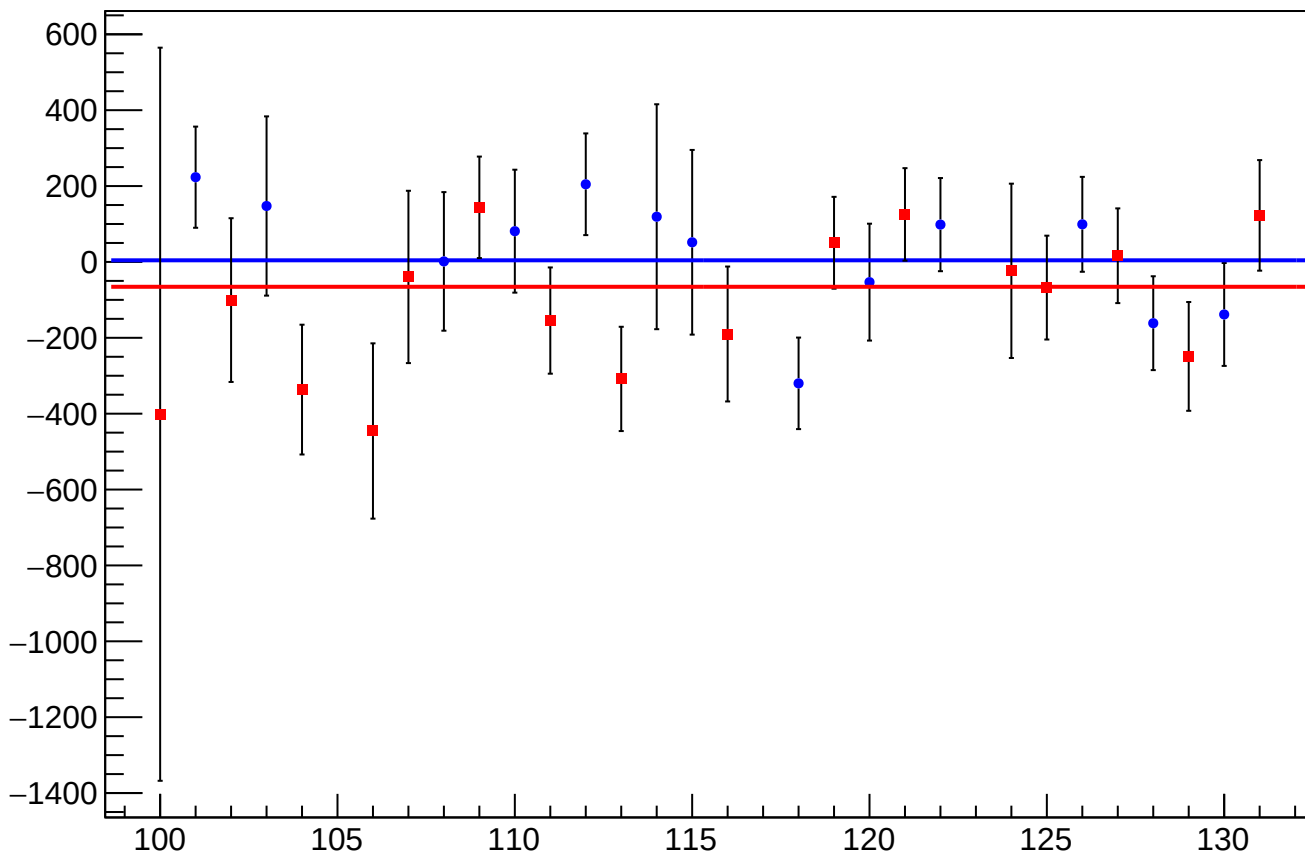
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1400.682+/-0.292 χ^2/NDF : 406173.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_2468_avg_mean vs Slug



Right In: 4.278+/-41.277 χ^2 /NDF: 17.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -65.510+/-39.103 χ^2 /NDF: 19.0/15

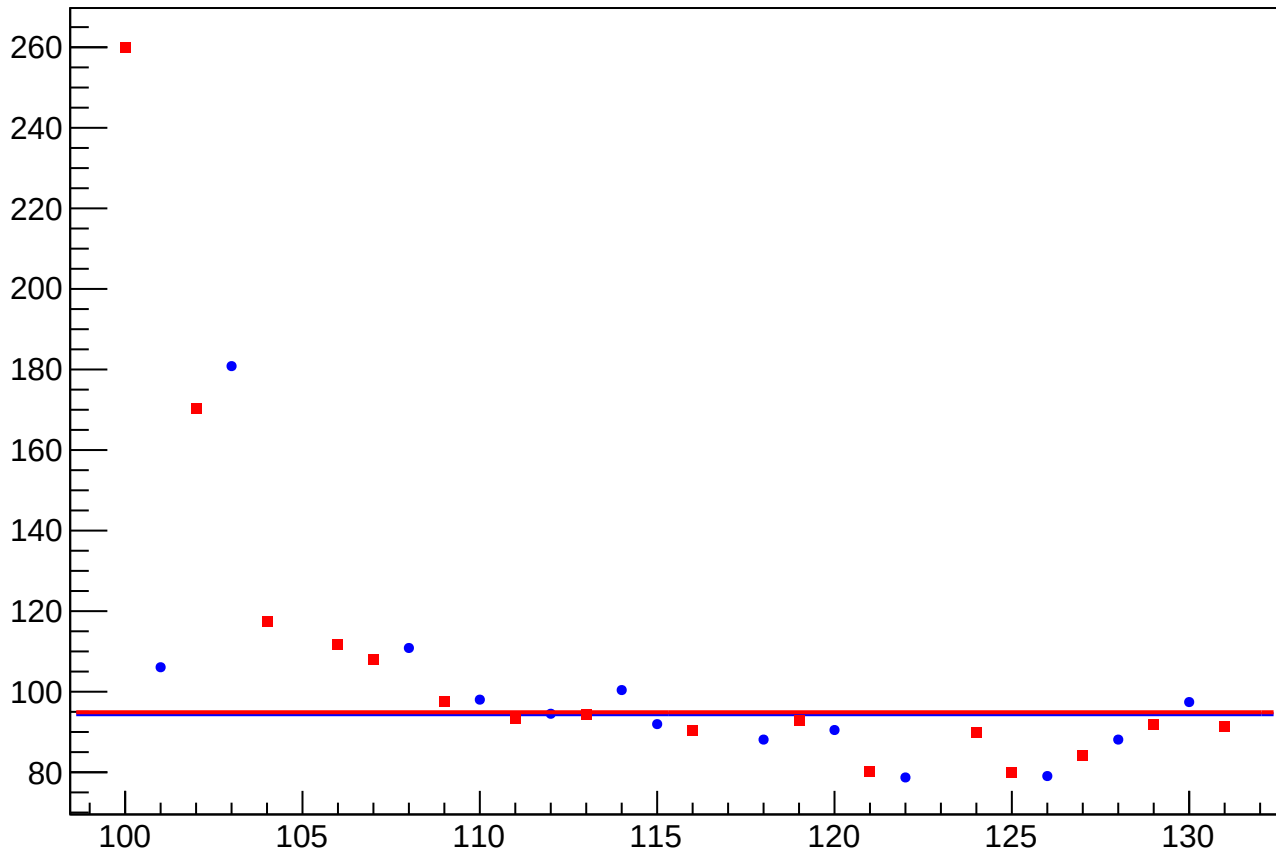
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -32.502+/-28.387 χ^2 /NDF: 37.6/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_2468_avg_rms vs Slug



Right In: 94.413+/-0.029 χ^2/NDF : 376940.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.901+/-0.028 χ^2/NDF : 428922.2/15

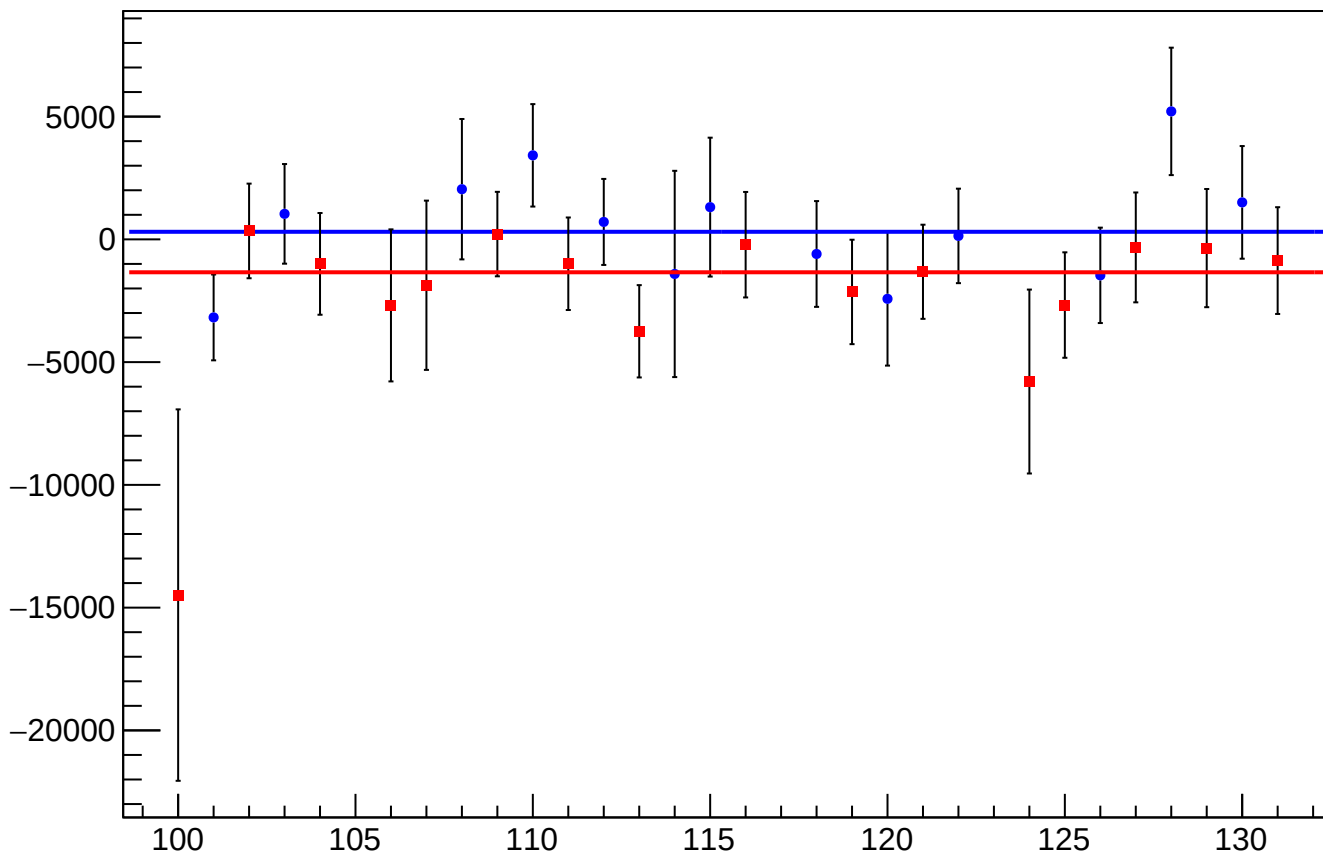
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.670+/-0.020 χ^2/NDF : 806010.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_cor_correction_mean vs Slug



Right In: 308.344+/-613.850 χ^2/NDF : 12.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1340.591+/-559.670 χ^2/NDF : 9.1/15

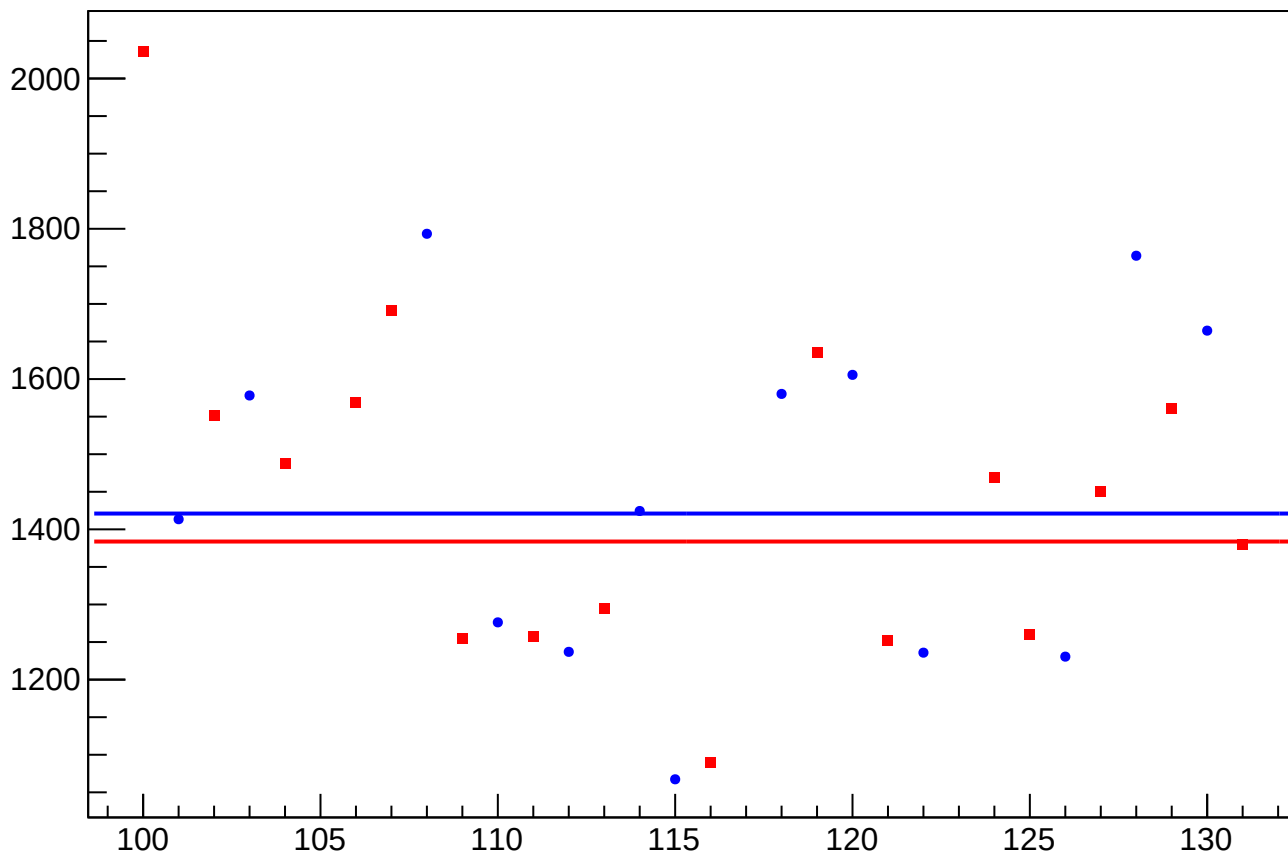
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -592.092+/-413.577 χ^2/NDF : 26.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_cor_correction_rms vs Slug



Right In: 1421.022+/-0.434 χ^2/NDF : 224280.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1383.773+/-0.396 χ^2/NDF : 177872.2/15

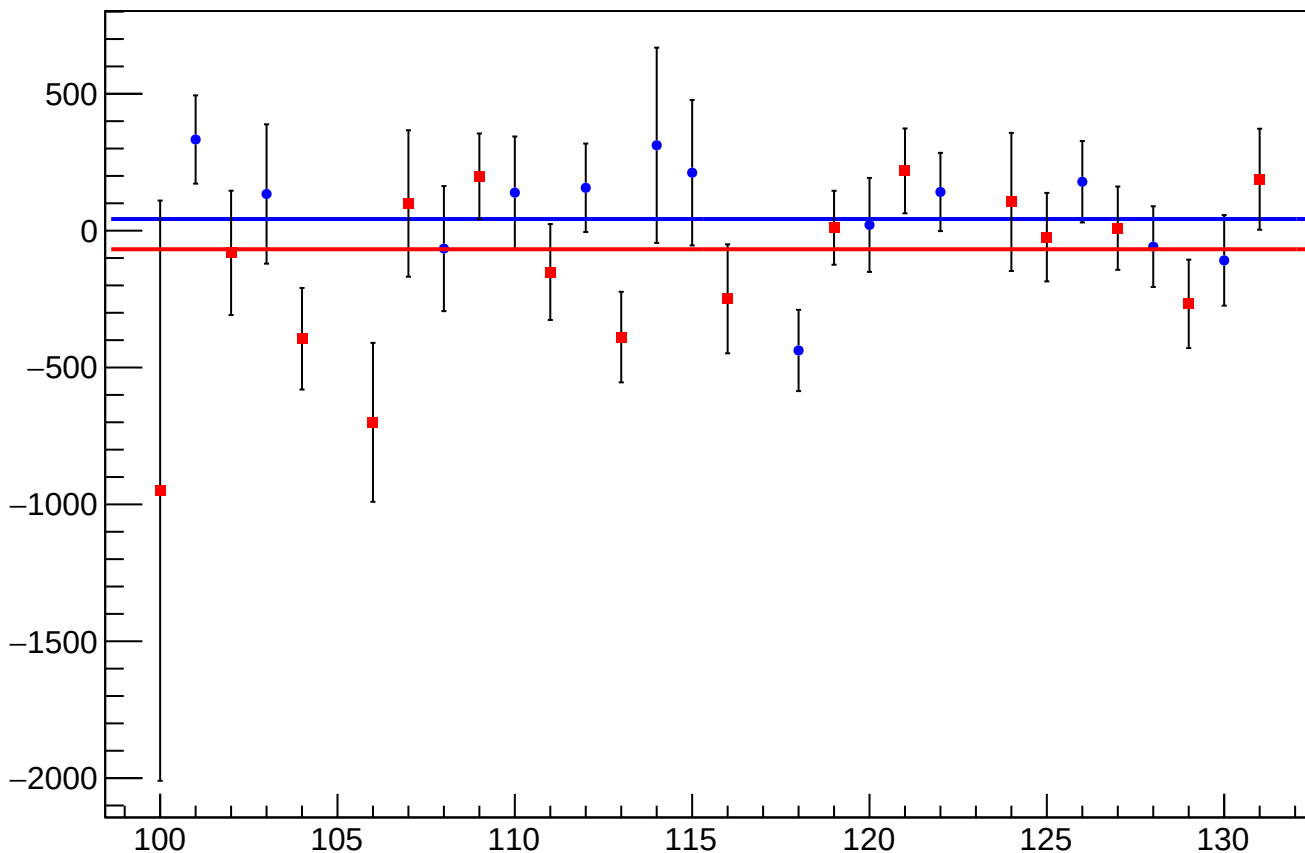
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1400.682+/-0.292 χ^2/NDF : 406173.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_2468_avg_mean vs Slug



Right In: 42.542 $\pm$ 49.197 χ^2 /NDF: 18.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -67.890 $\pm$ 46.040 χ^2 /NDF: 24.7/15

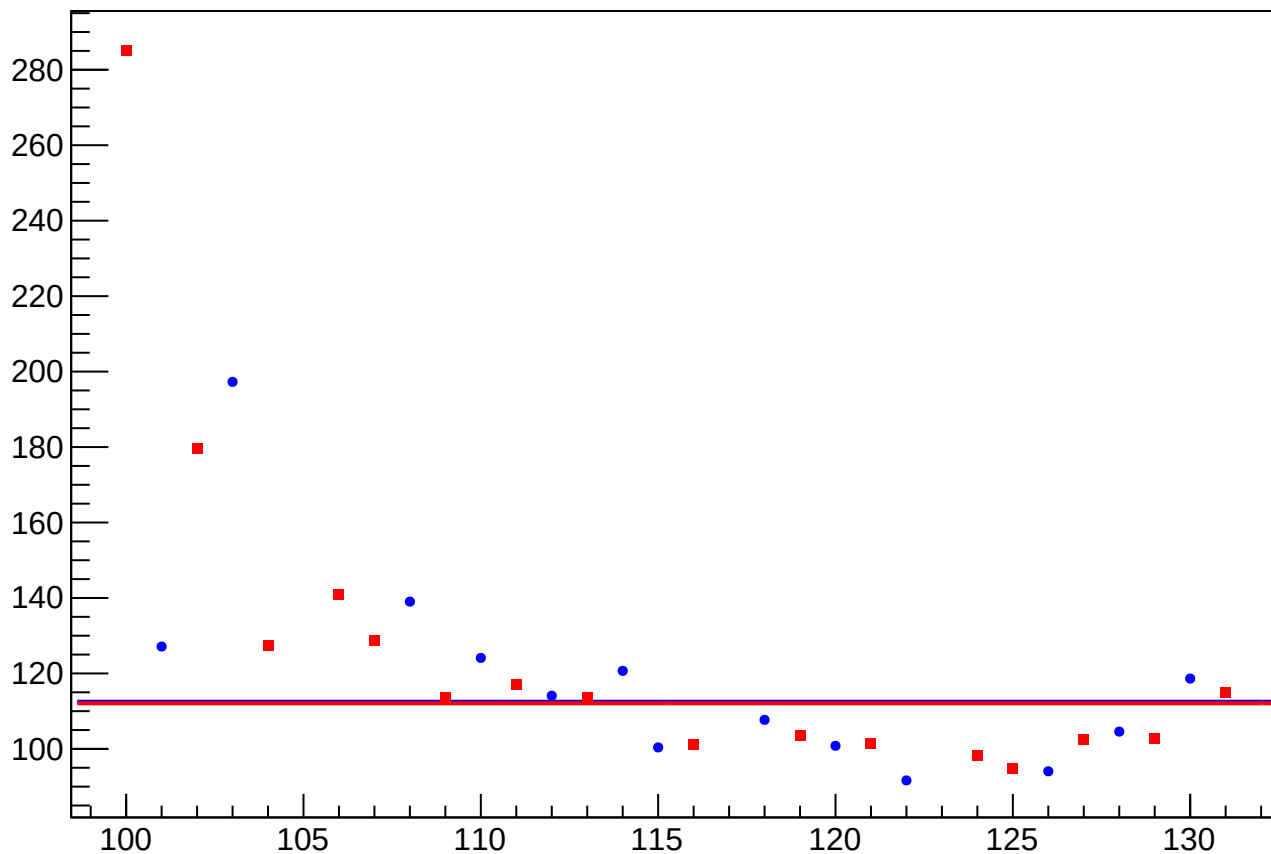
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -16.331 $\pm$ 33.616 χ^2 /NDF: 45.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_2468_avg_rms vs Slug



Right In: 112.506 $\pm$ 0.035 χ^2 /NDF: 370401.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 112.089 $\pm$ 0.033 χ^2 /NDF: 341504.0/15

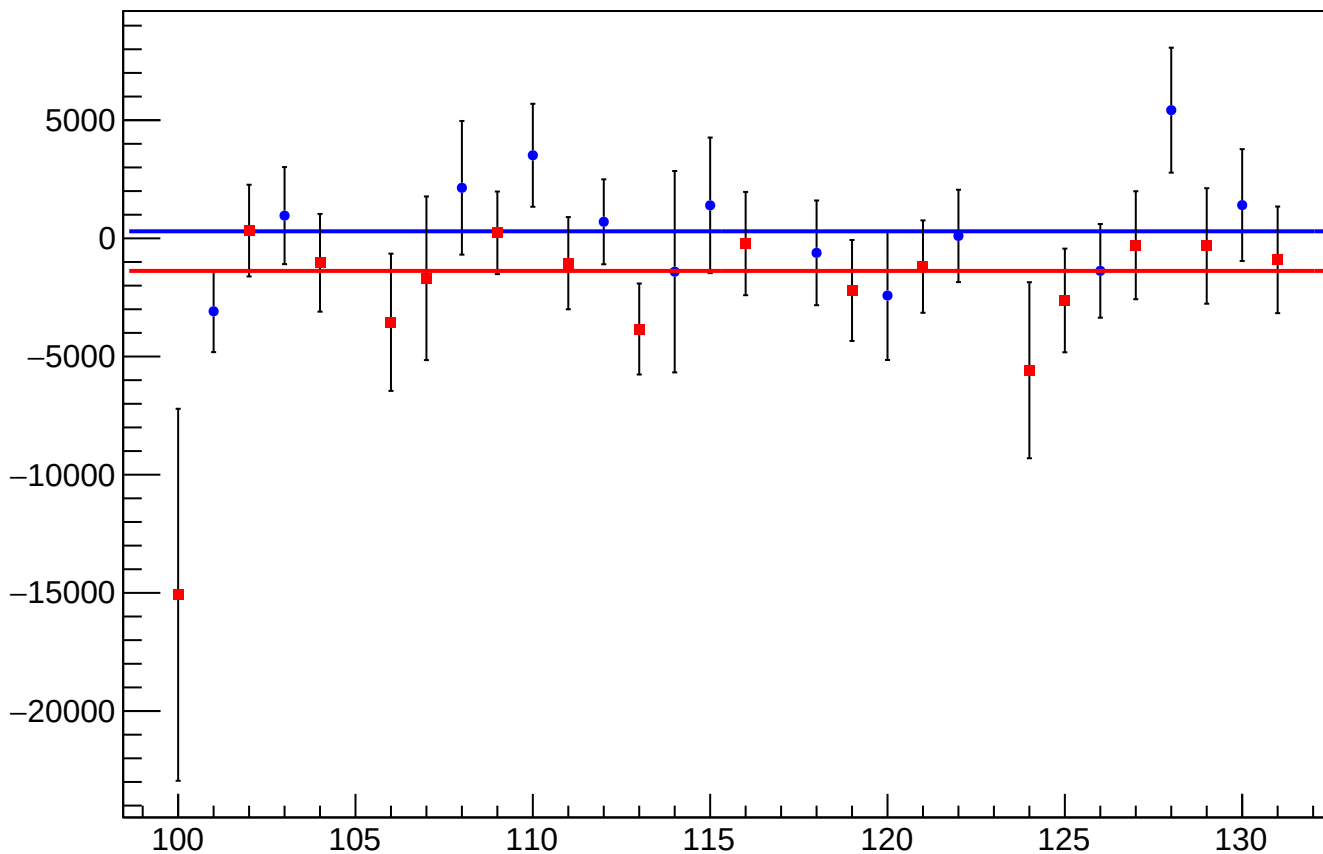
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 112.284 $\pm$ 0.024 χ^2 /NDF: 711982.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_dit_correction_mean vs Slug



Right In: 298.248+/-623.751 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1377.054+/-567.583 χ^2/NDF : 9.4/15

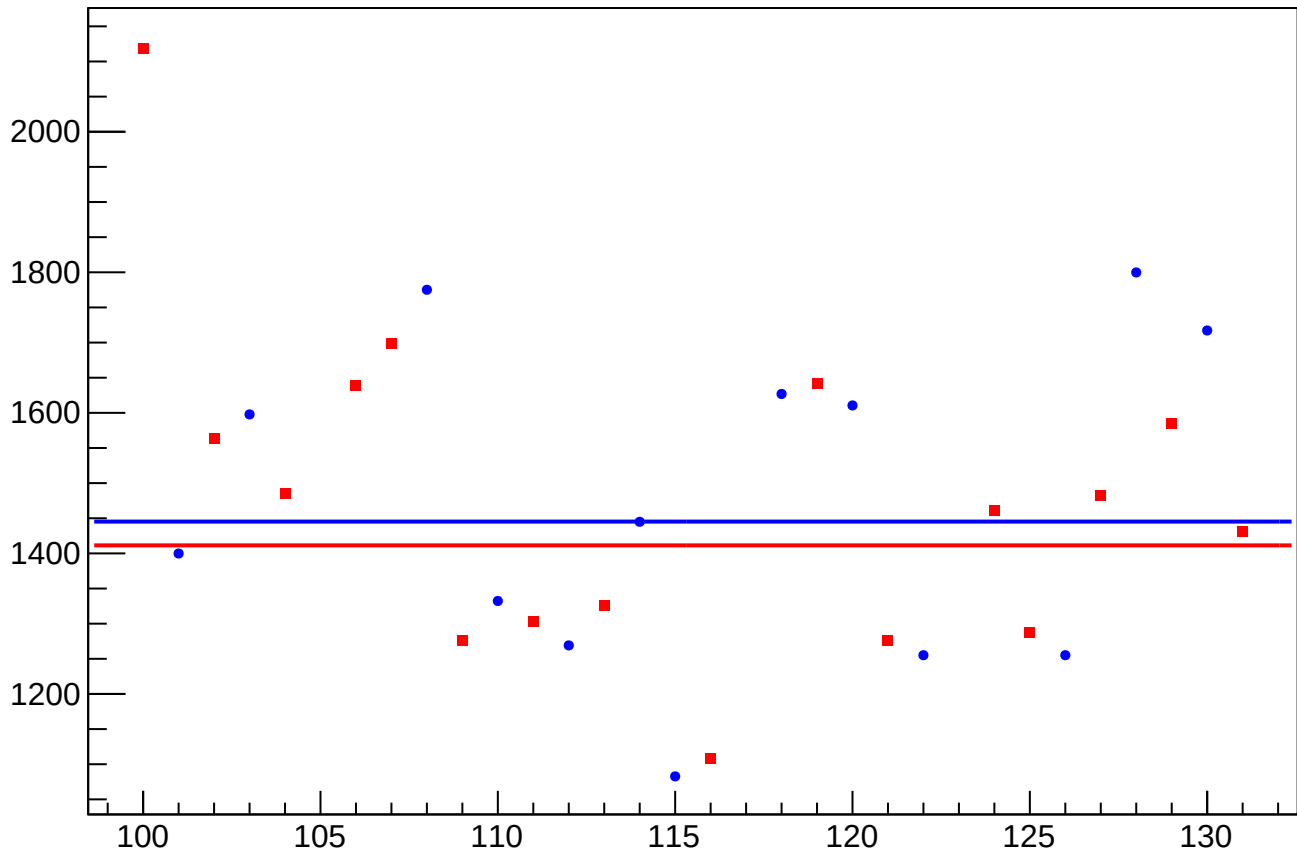
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -618.213+/-419.798 χ^2/NDF : 26.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_dit_correction_rms vs Slug



Right In: 1445.273 $\pm$ 0.441 χ^2 /NDF: 216709.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1411.428 $\pm$ 0.401 χ^2 /NDF: 169218.0/15

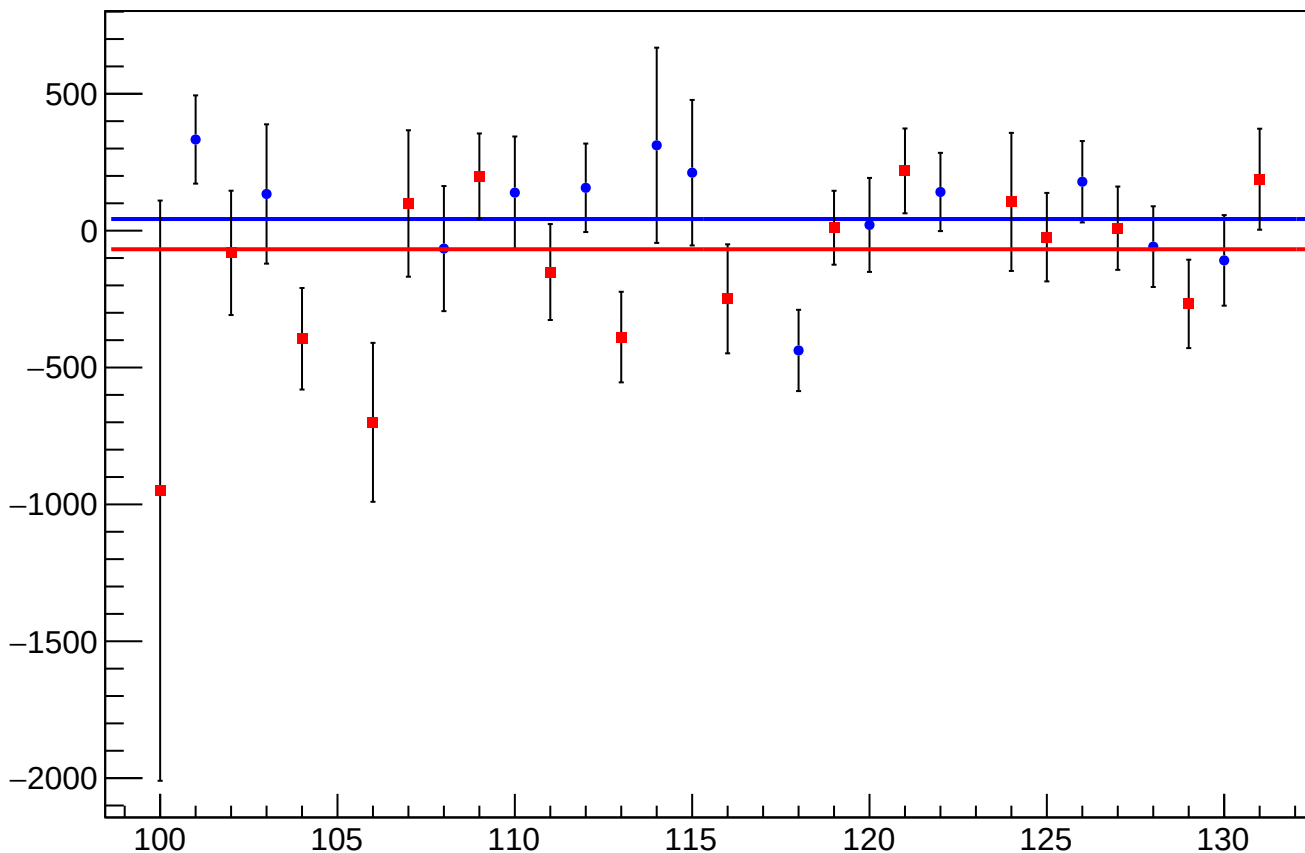
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1426.758 $\pm$ 0.297 χ^2 /NDF: 389148.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_2468_avg_mean vs Slug



Right In: 42.540 $\pm$ 49.197 χ^2 /NDF: 18.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -67.888 $\pm$ 46.040 χ^2 /NDF: 24.7/15

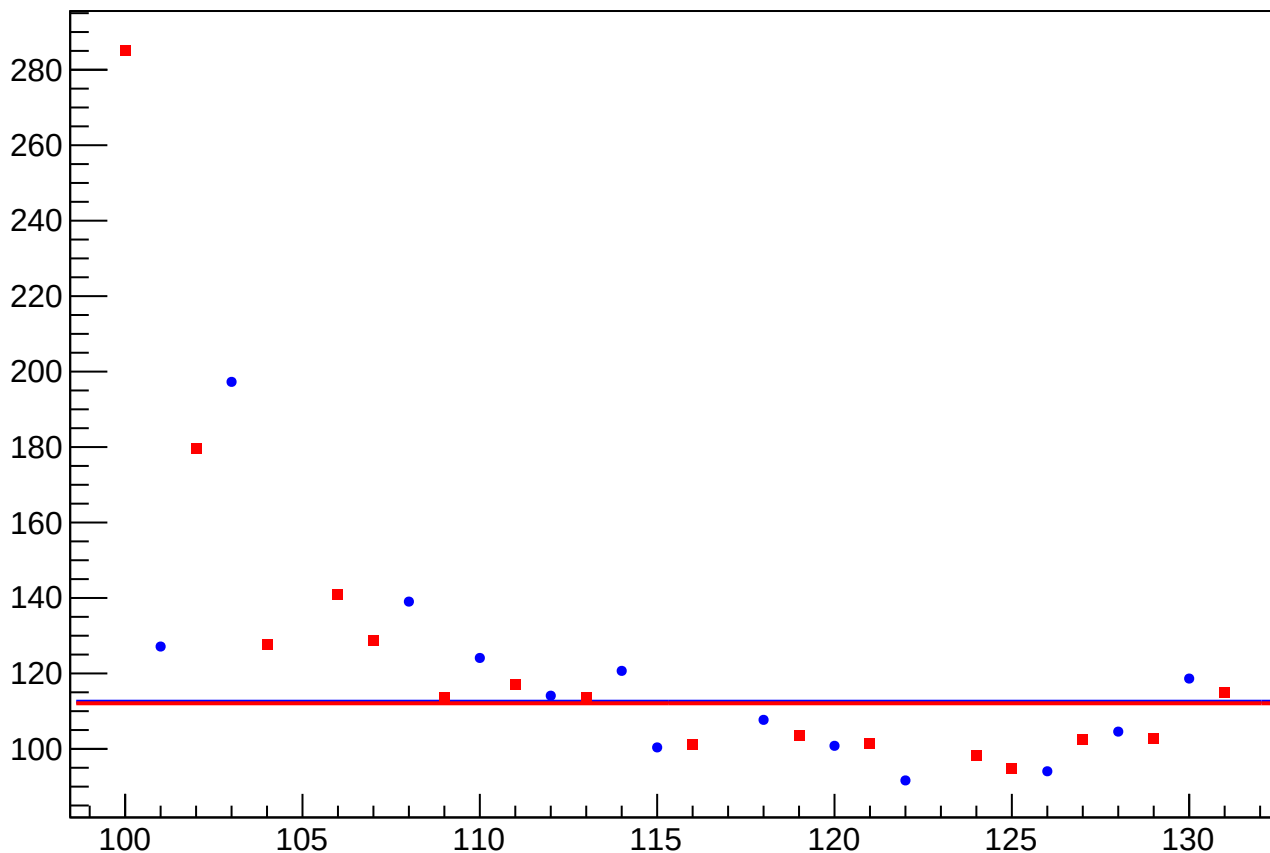
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -16.331 $\pm$ 33.616 χ^2 /NDF: 45.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_2468_avg_rms vs Slug



Right In: 112.505 $\pm$ 0.035 χ^2 /NDF: 370396.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 112.089 $\pm$ 0.033 χ^2 /NDF: 341503.5/15

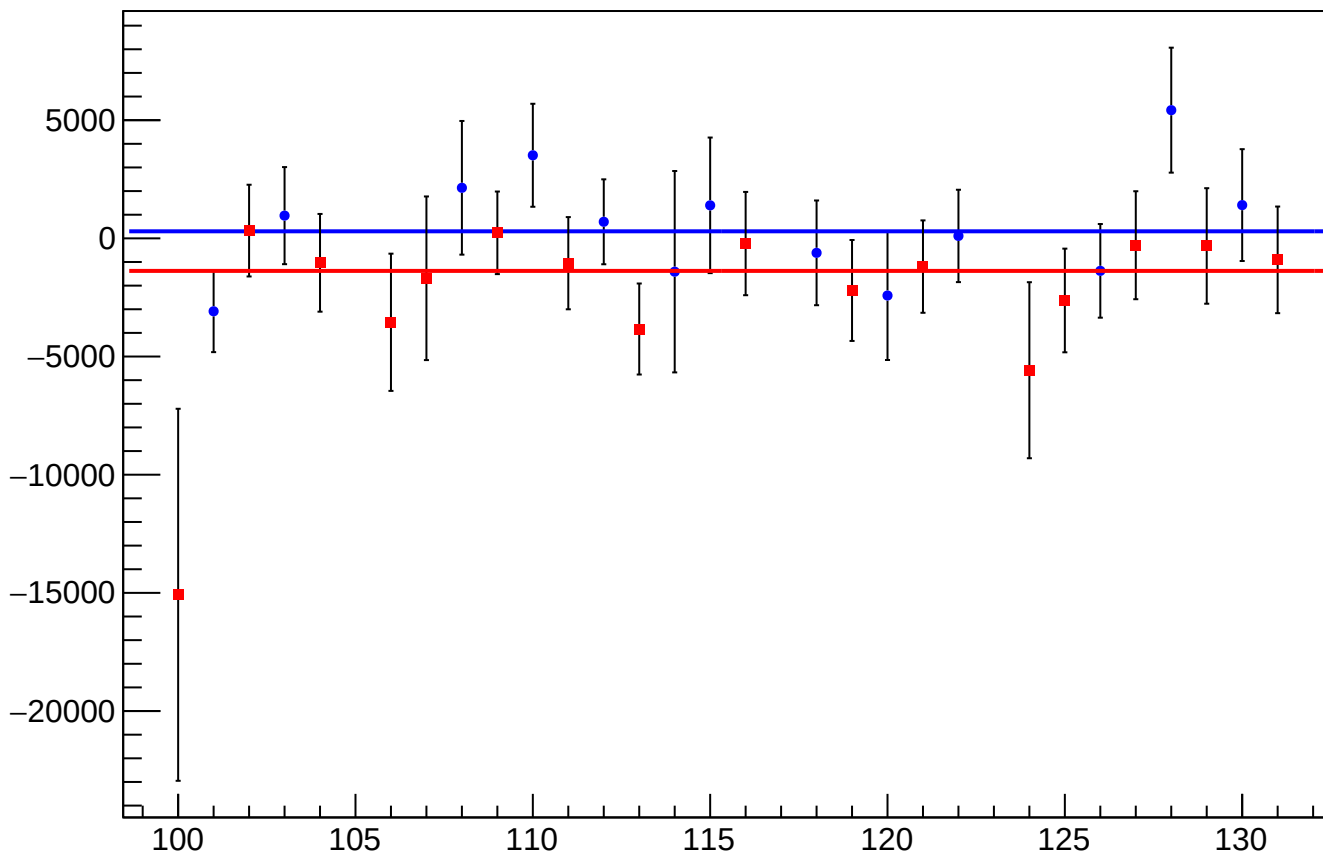
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 112.283 $\pm$ 0.024 χ^2 /NDF: 711976.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_dit_correction_mean vs Slug



Right In: 298.251+/-623.750 χ^2/NDF : 12.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1377.051+/-567.582 χ^2/NDF : 9.4/15

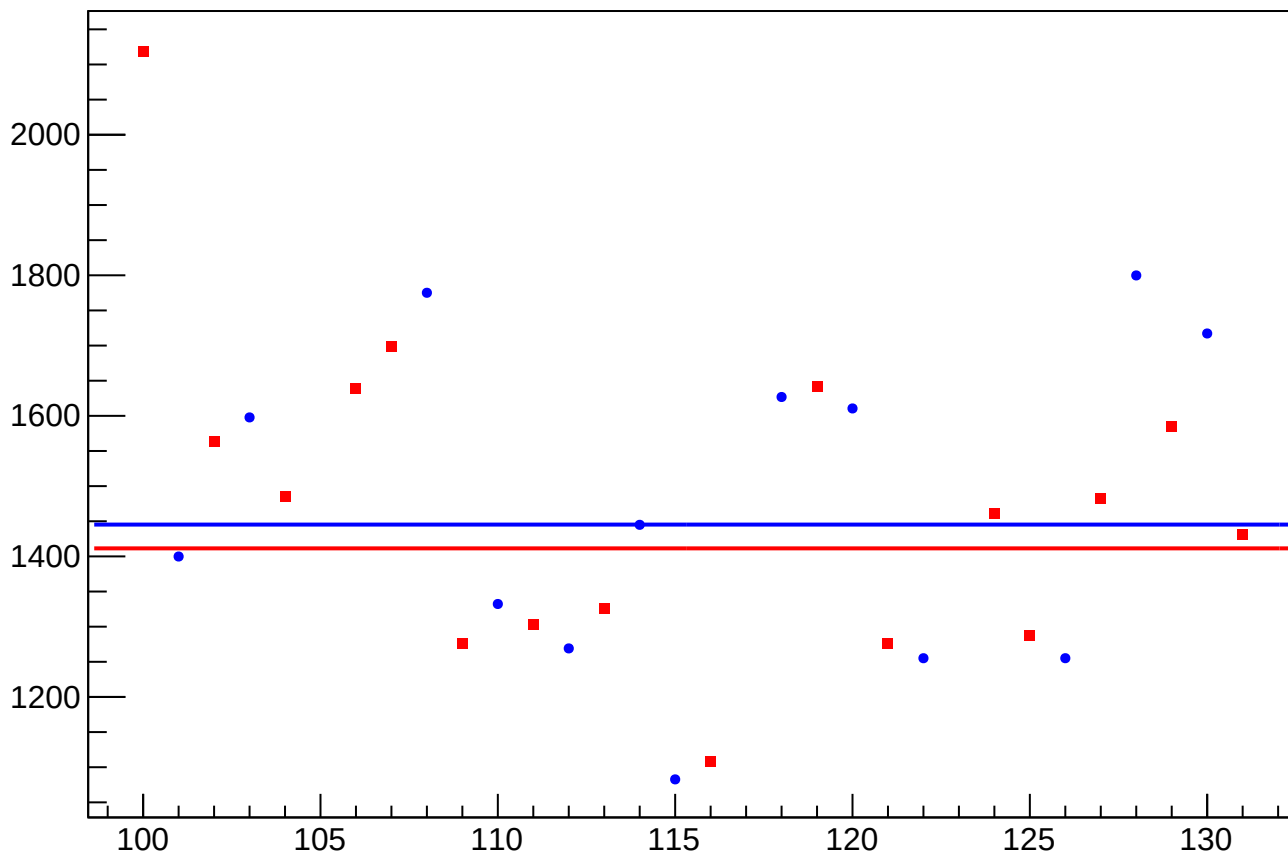
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -618.211+/-419.797 χ^2/NDF : 26.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_dit_correction_rms vs Slug



Right In: 1445.269 $\pm$ 0.441 χ^2 /NDF: 216709.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1411.424 $\pm$ 0.401 χ^2 /NDF: 169218.7/15

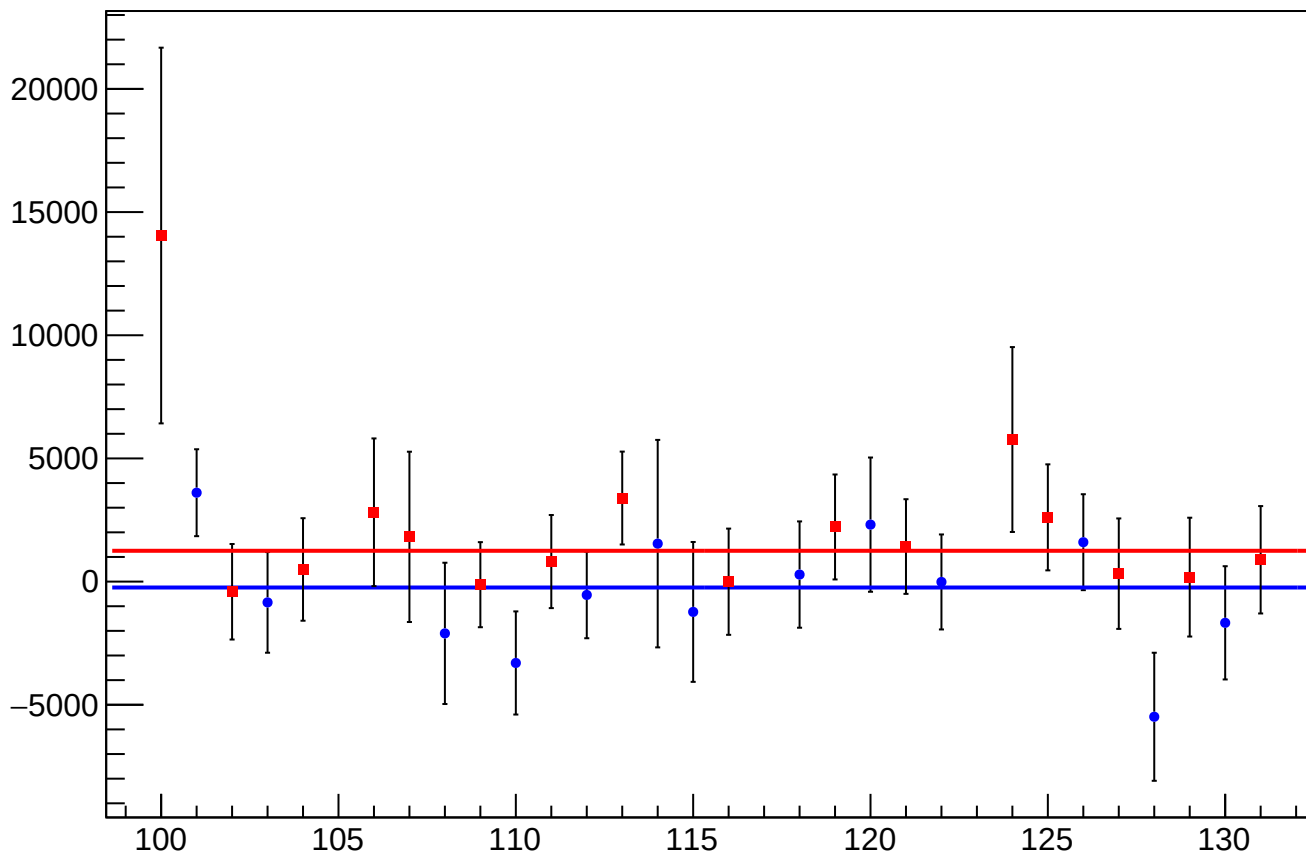
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1426.755 $\pm$ 0.297 χ^2 /NDF: 389149.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_mean vs Slug



Right In: -239.804+/-616.110 χ^2/NDF : 14.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1250.828+/-560.721 χ^2/NDF : 8.8/15

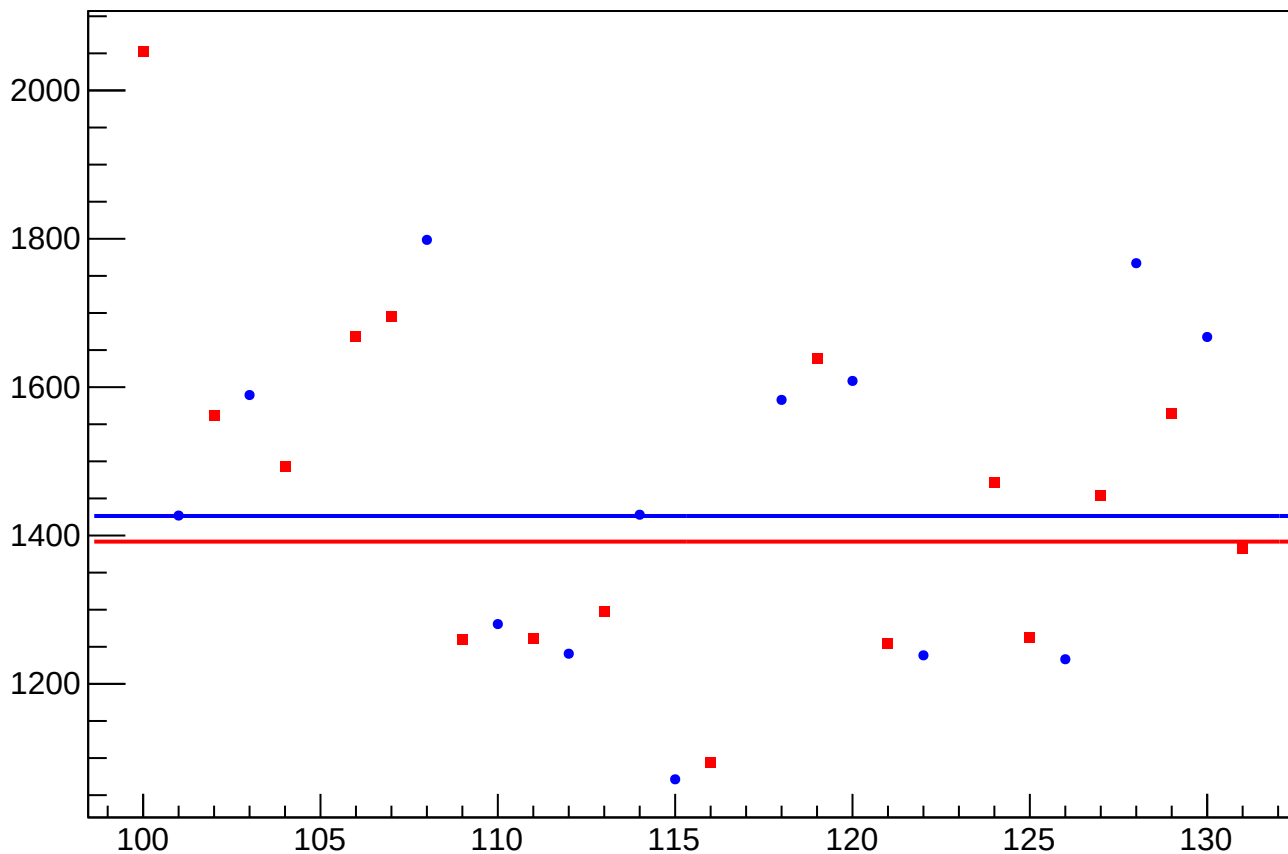
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 575.515+/-414.692 χ^2/NDF : 26.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_rms vs Slug



Right In: 1426.334+/-0.436 χ^2/NDF : 224252.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1391.808+/-0.396 χ^2/NDF : 188805.3/15

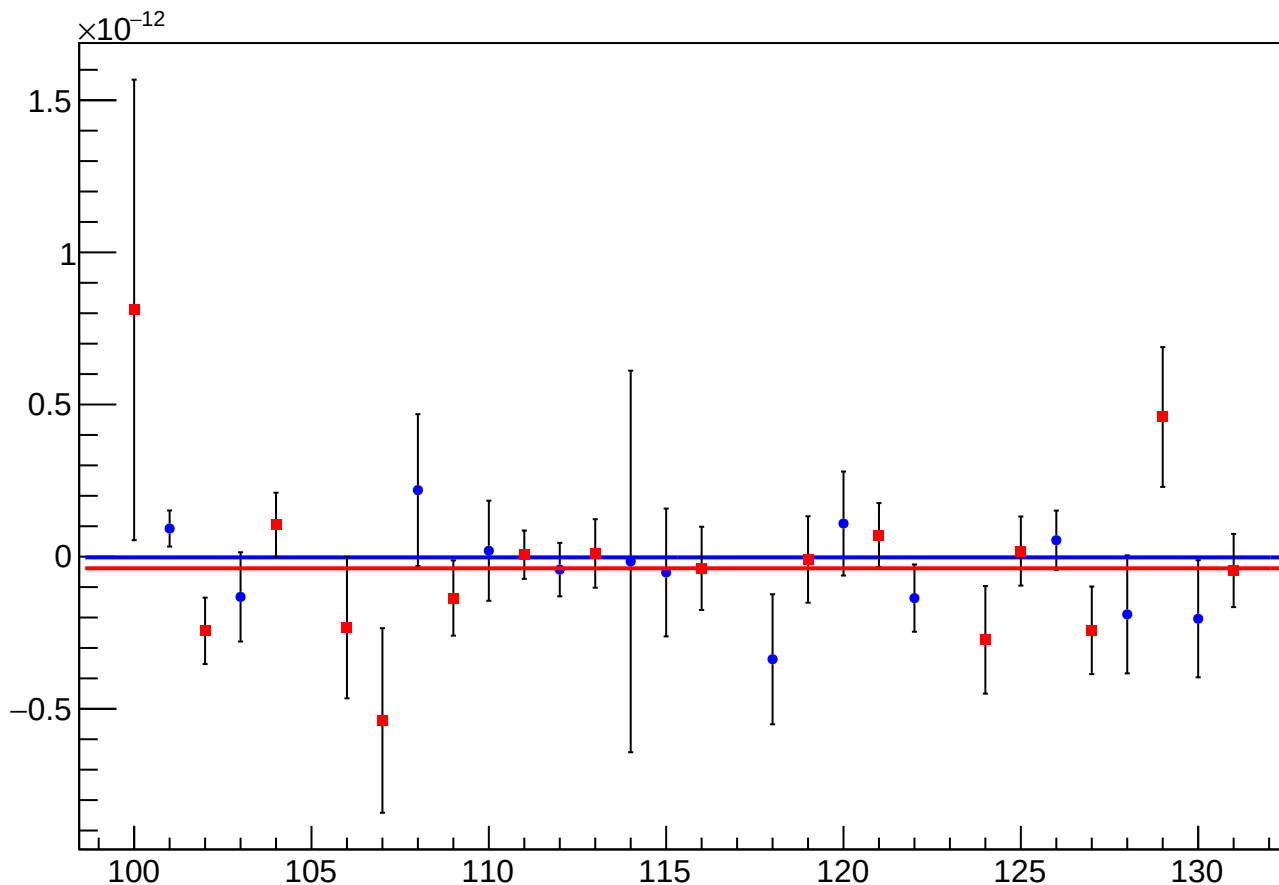
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1407.450+/-0.293 χ^2/NDF : 416493.6/28

- 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+/-0.000 χ^2 /NDF: 11.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 21.0/15

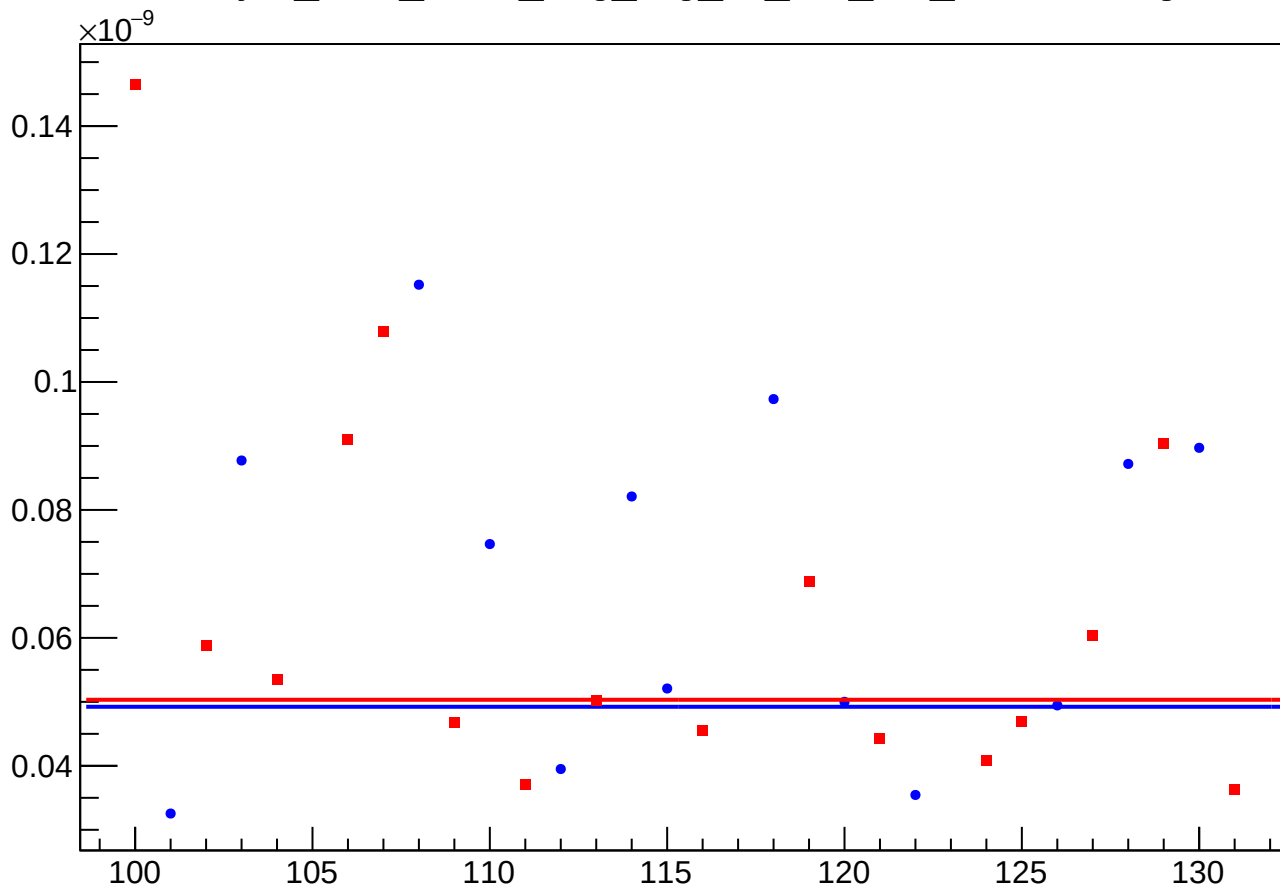
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 32.7/28

- sign 0.000+/-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 : 811688.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 384259.7/15

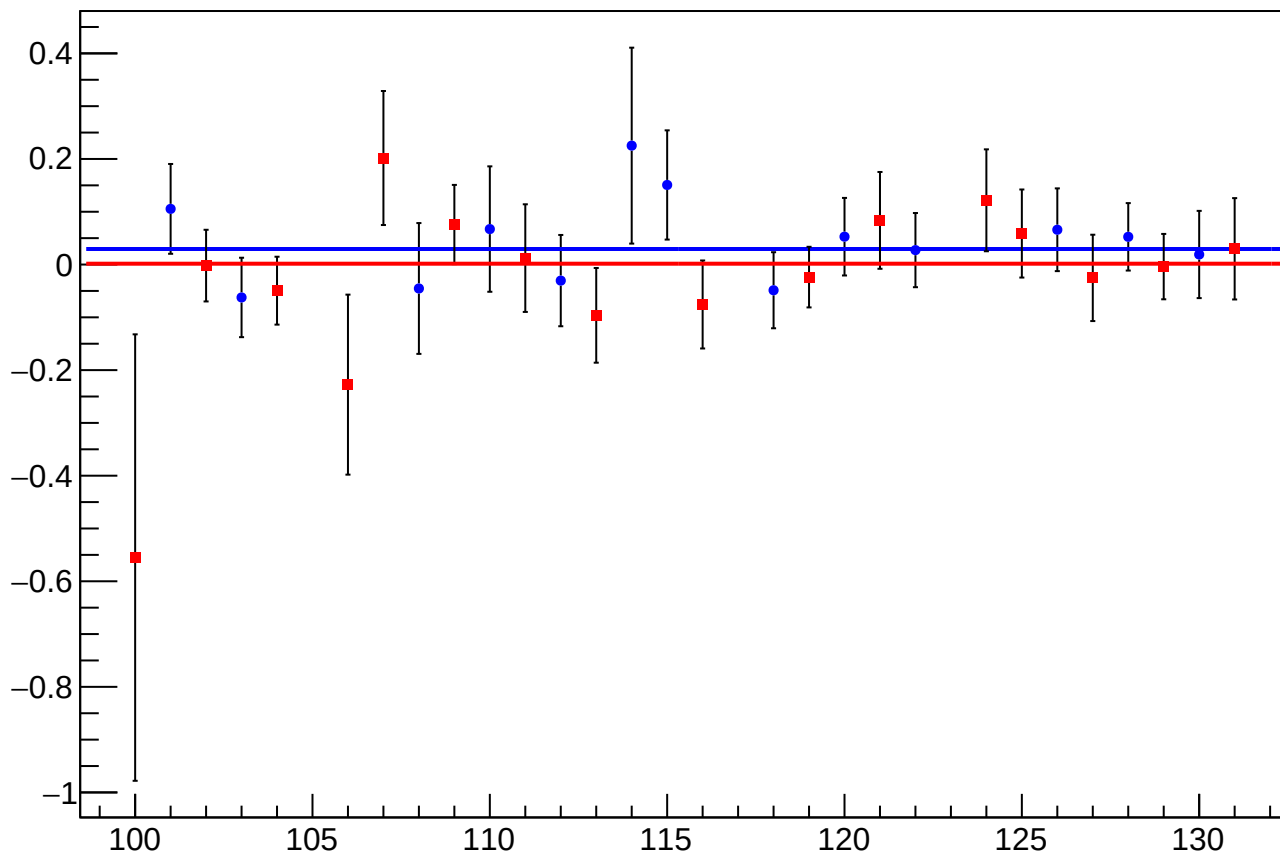
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1197012.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.029+/-0.023 χ^2/NDF : 7.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.021 χ^2/NDF : 12.9/15

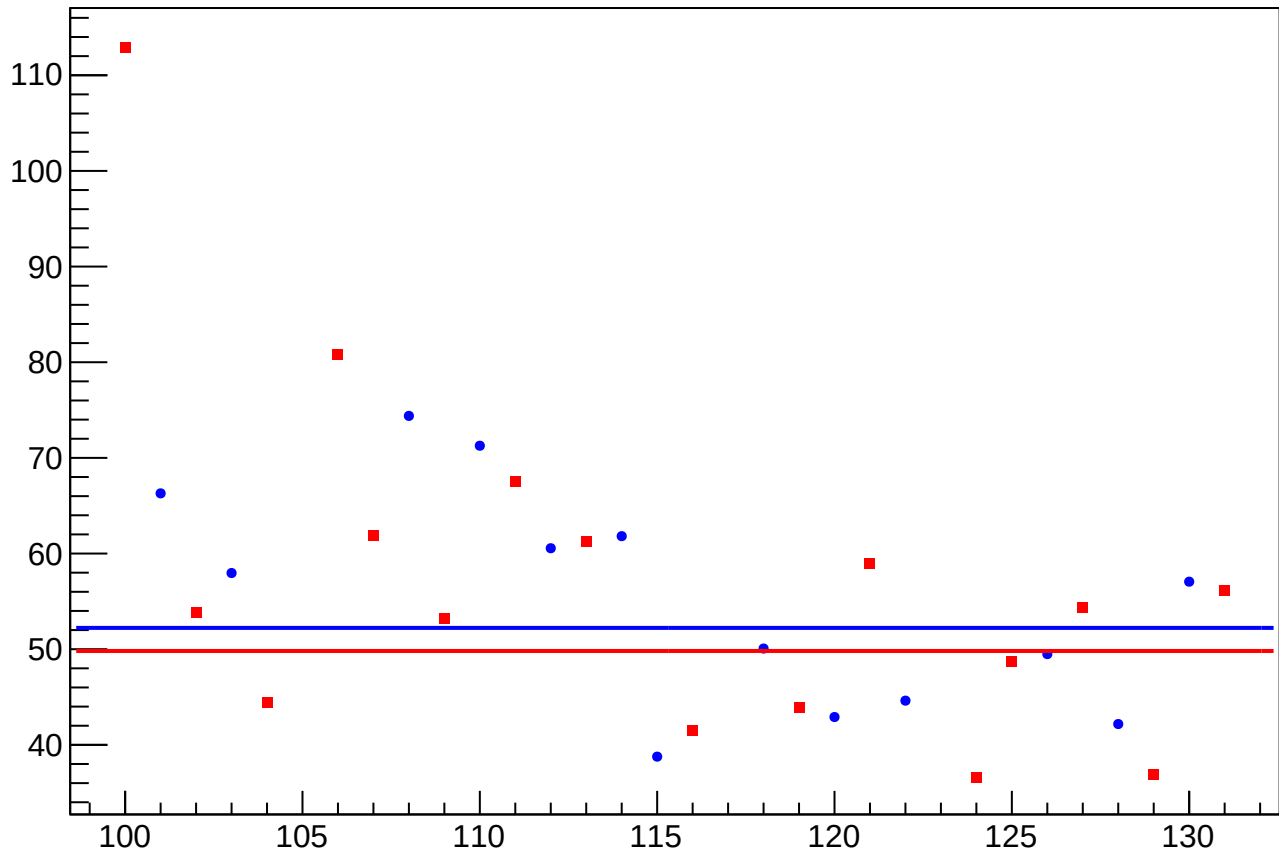
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.016 χ^2/NDF : 21.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_dit_vs_cor_diff_rms vs Slug



Right In: 52.228+/-0.016 χ^2/NDF : 355597.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.815+/-0.015 χ^2/NDF : 447970.5/15

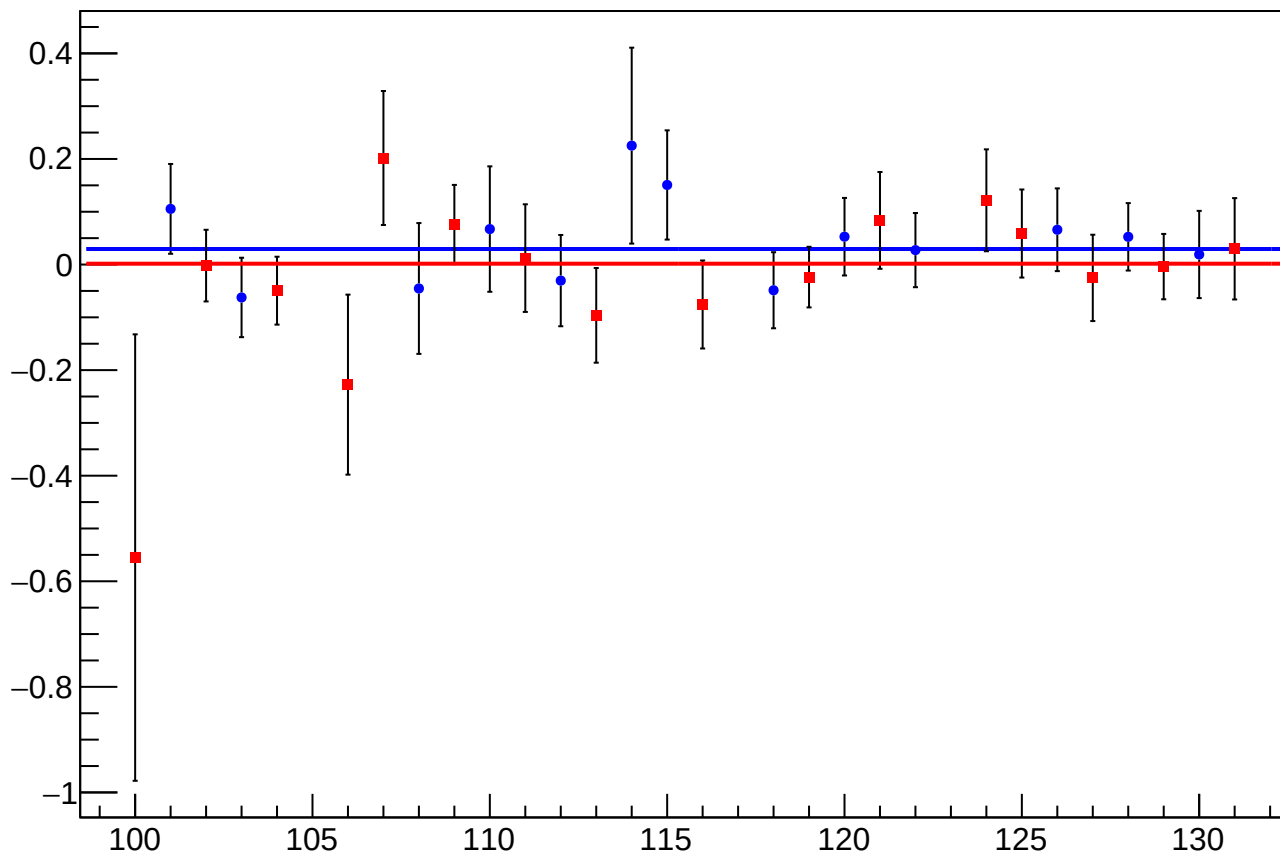
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.889+/-0.011 χ^2/NDF : 815471.7/28

- 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: 0.029+/-0.023 χ^2/NDF : 7.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.021 χ^2/NDF : 12.9/15

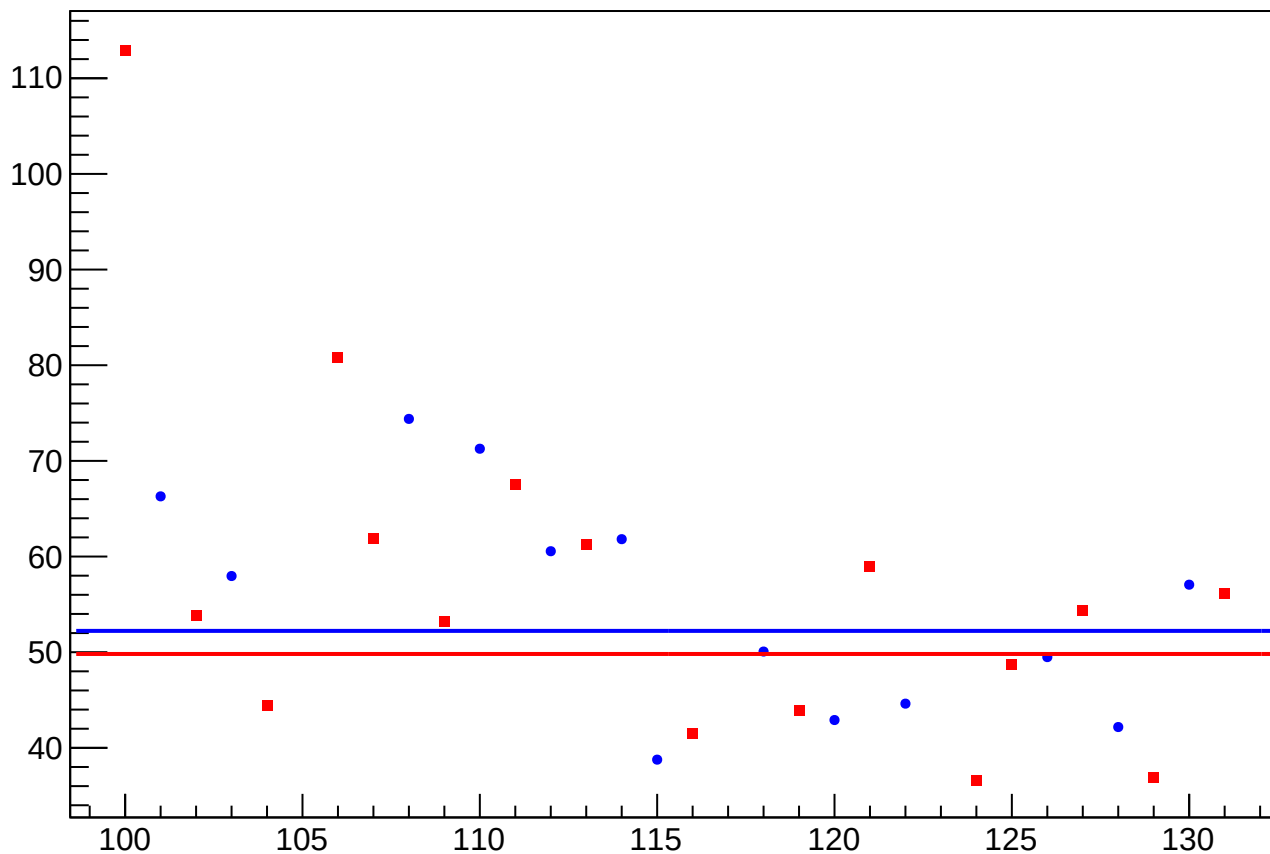
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.016 χ^2/NDF : 21.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 52.228+/-0.016 χ^2/NDF : 355597.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.815+/-0.015 χ^2/NDF : 447970.5/15

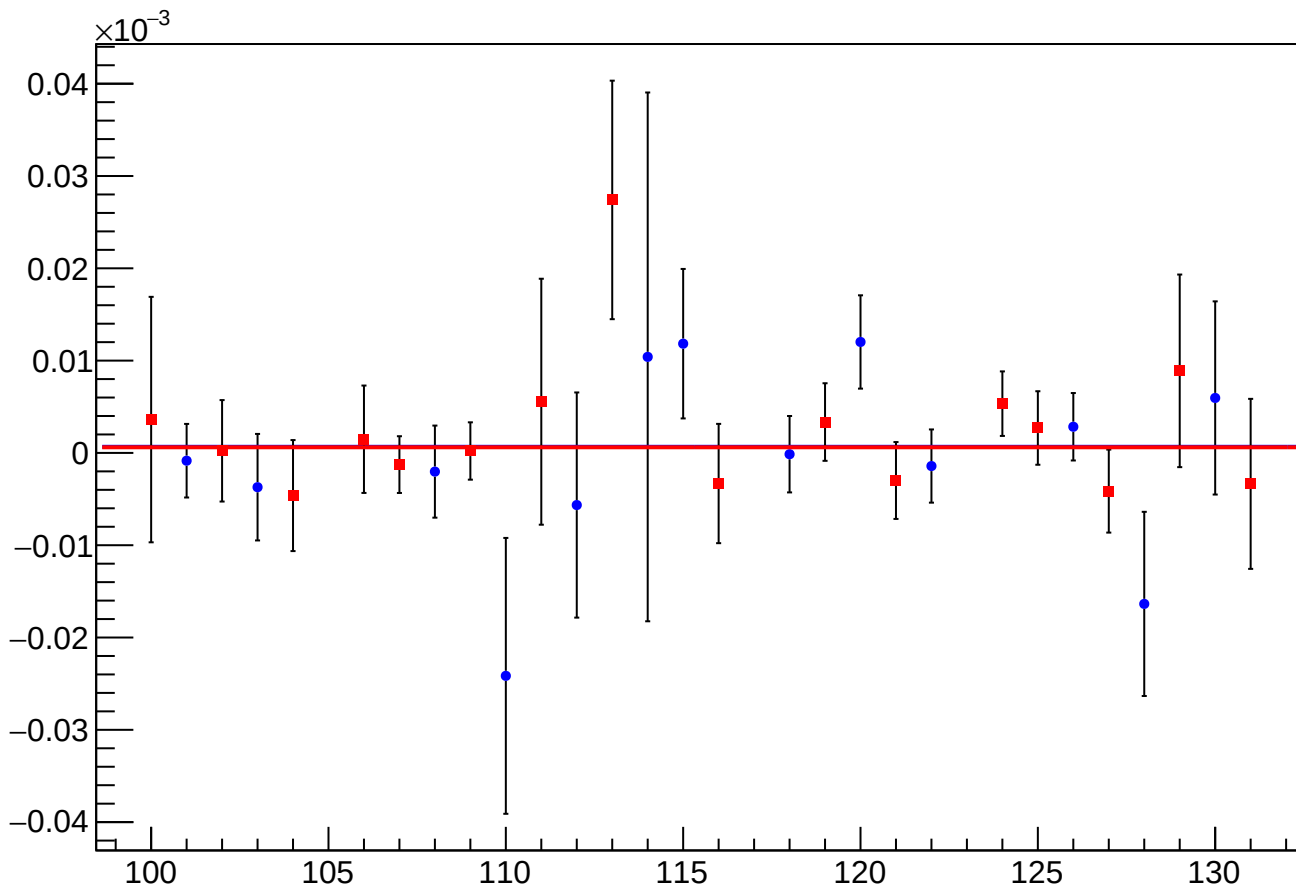
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.889+/-0.011 χ^2/NDF : 815471.7/28

- 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+/-0.000 χ^2/NDF : 14.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.2/15

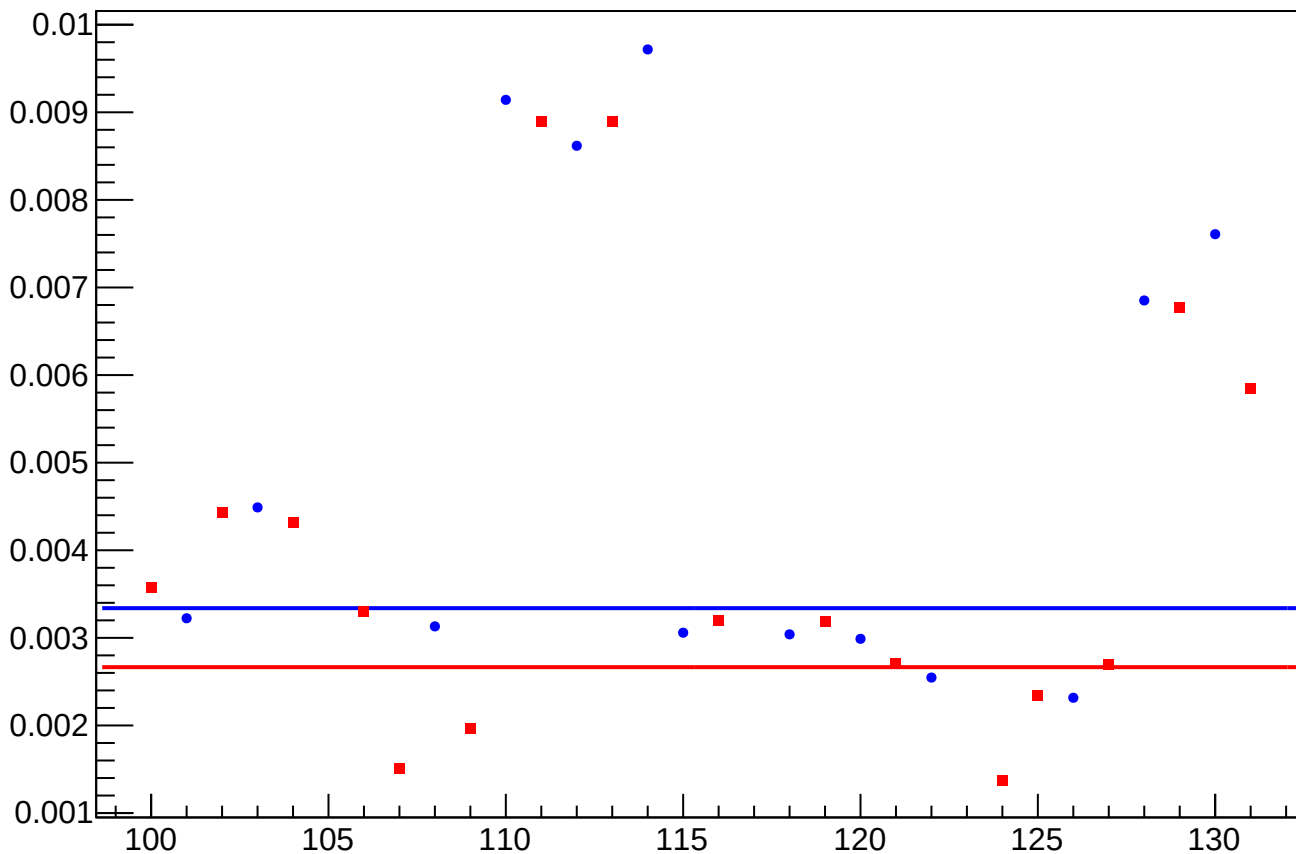
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.2/28

- sign 0.000+/-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 : 1699736.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2560402.2/15

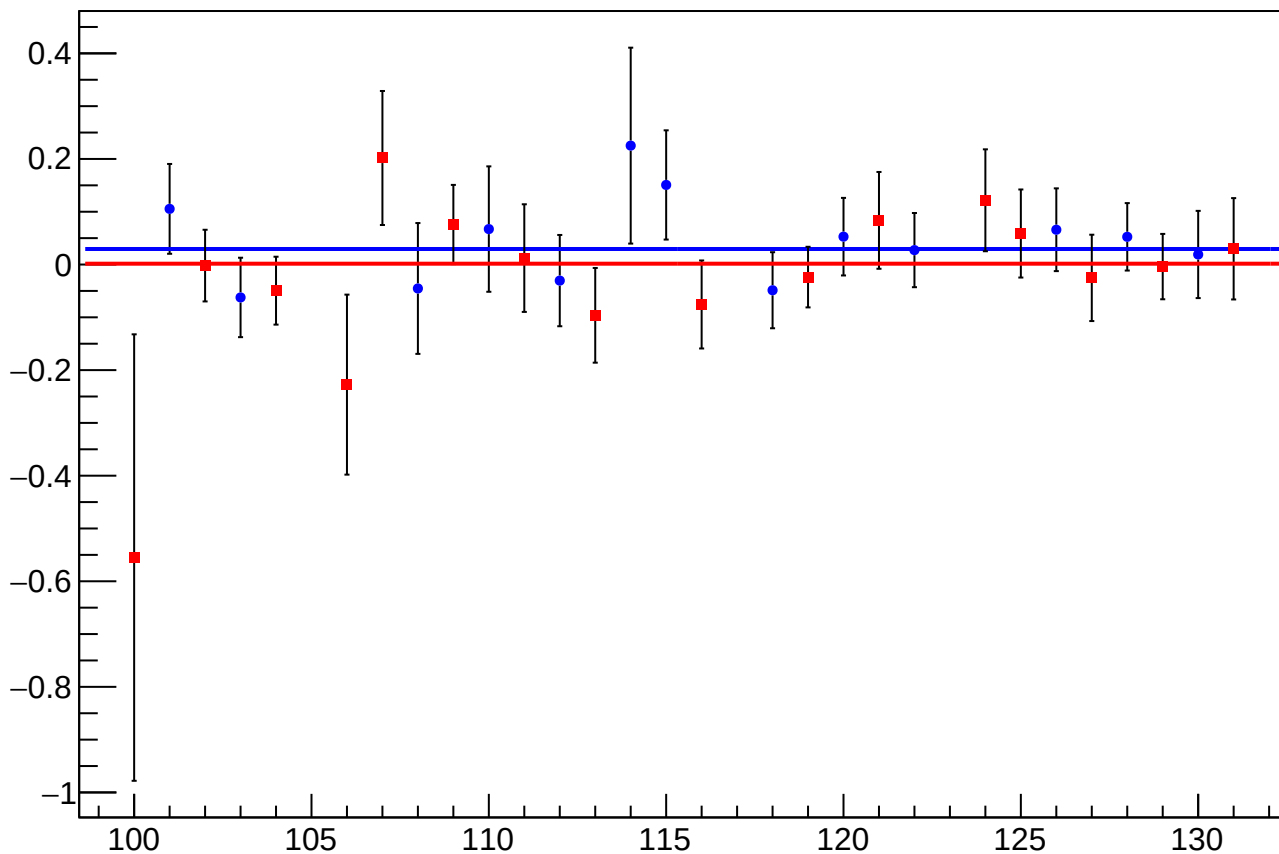
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4493125.7/28

- 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: 0.029 $\pm$ 0.023 χ^2 /NDF: 7.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.002 $\pm$ 0.021 χ^2 /NDF: 12.9/15

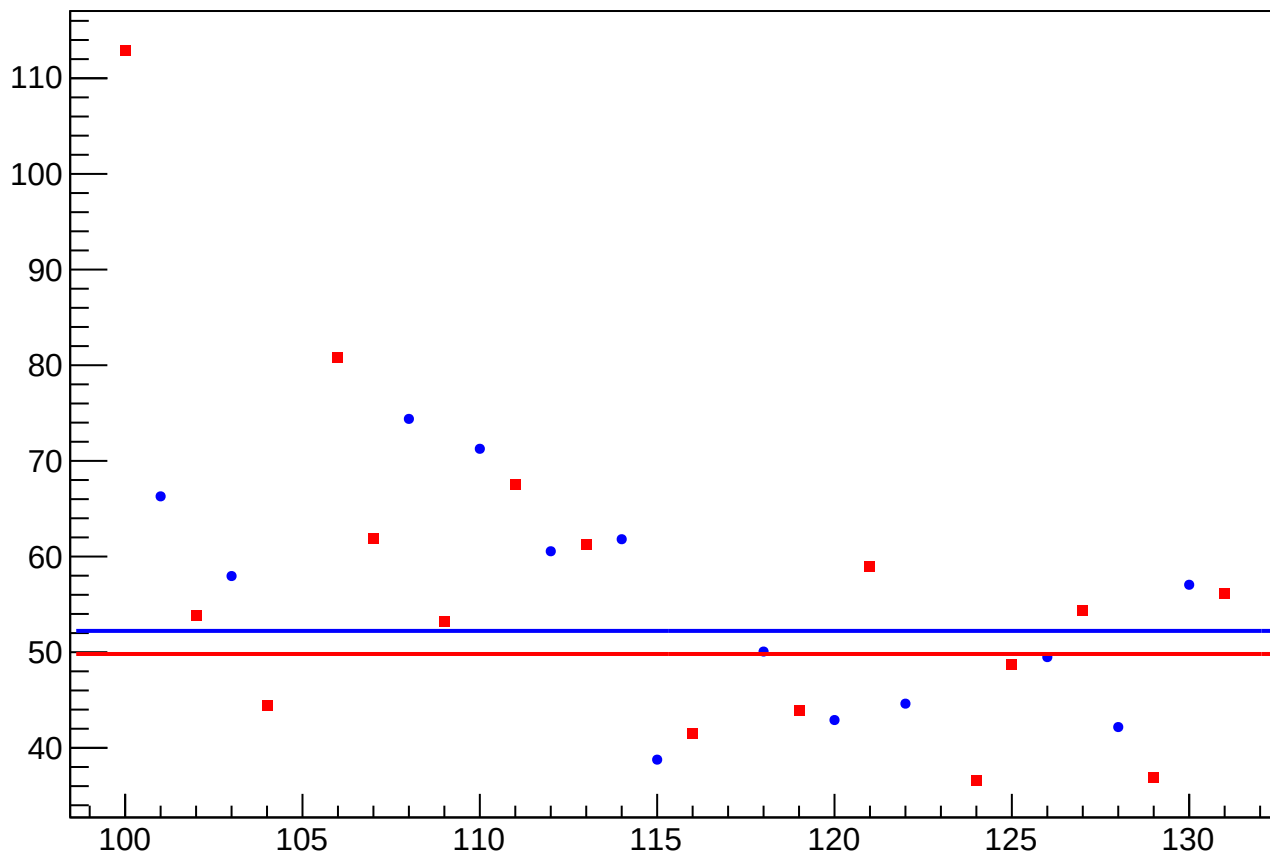
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.016 χ^2 /NDF: 21.1/28

- 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: 52.227 $\pm$ 0.016 χ^2 /NDF: 355559.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 49.814 $\pm$ 0.015 χ^2 /NDF: 447965.5/15

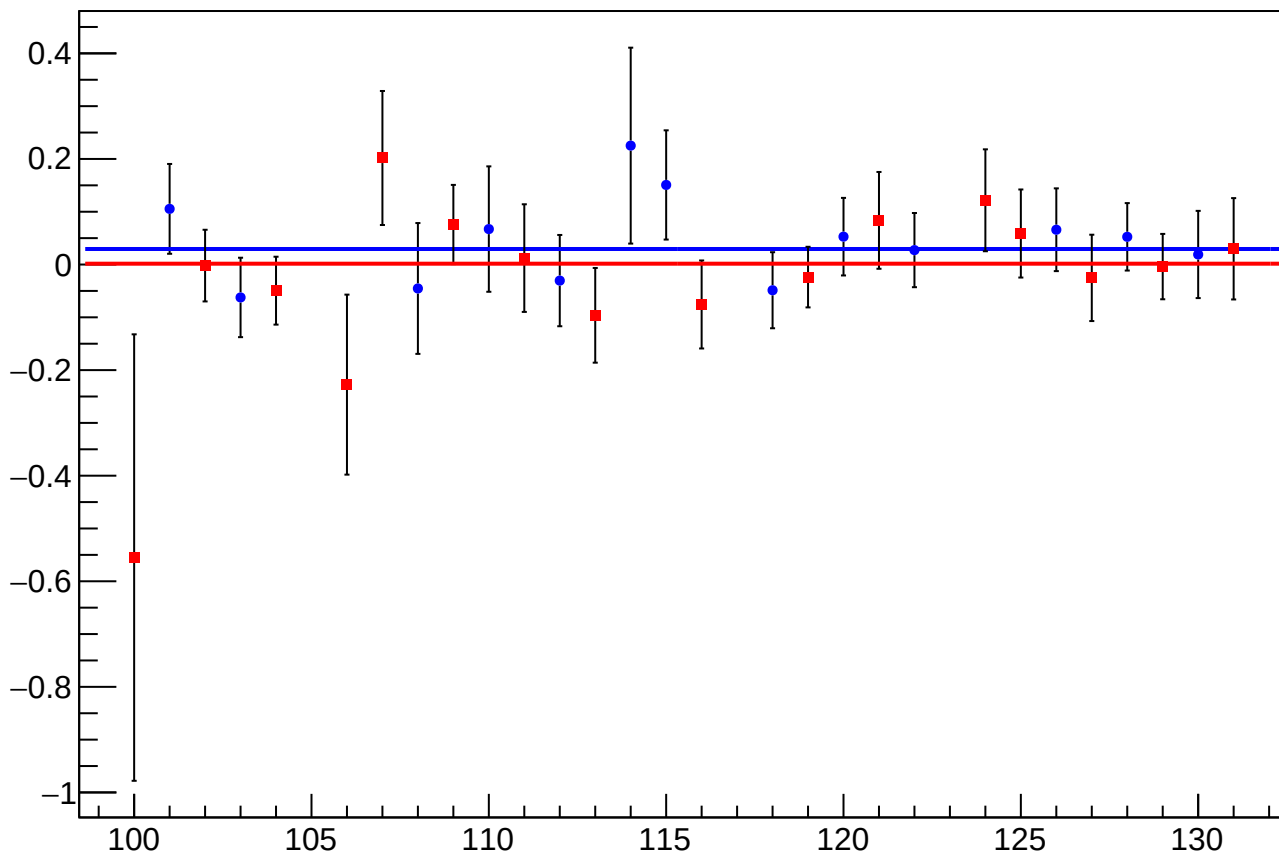
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 50.888 $\pm$ 0.011 χ^2 /NDF: 815428.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.029 $\pm$ 0.023 χ^2 /NDF: 7.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.002 $\pm$ 0.021 χ^2 /NDF: 12.9/15

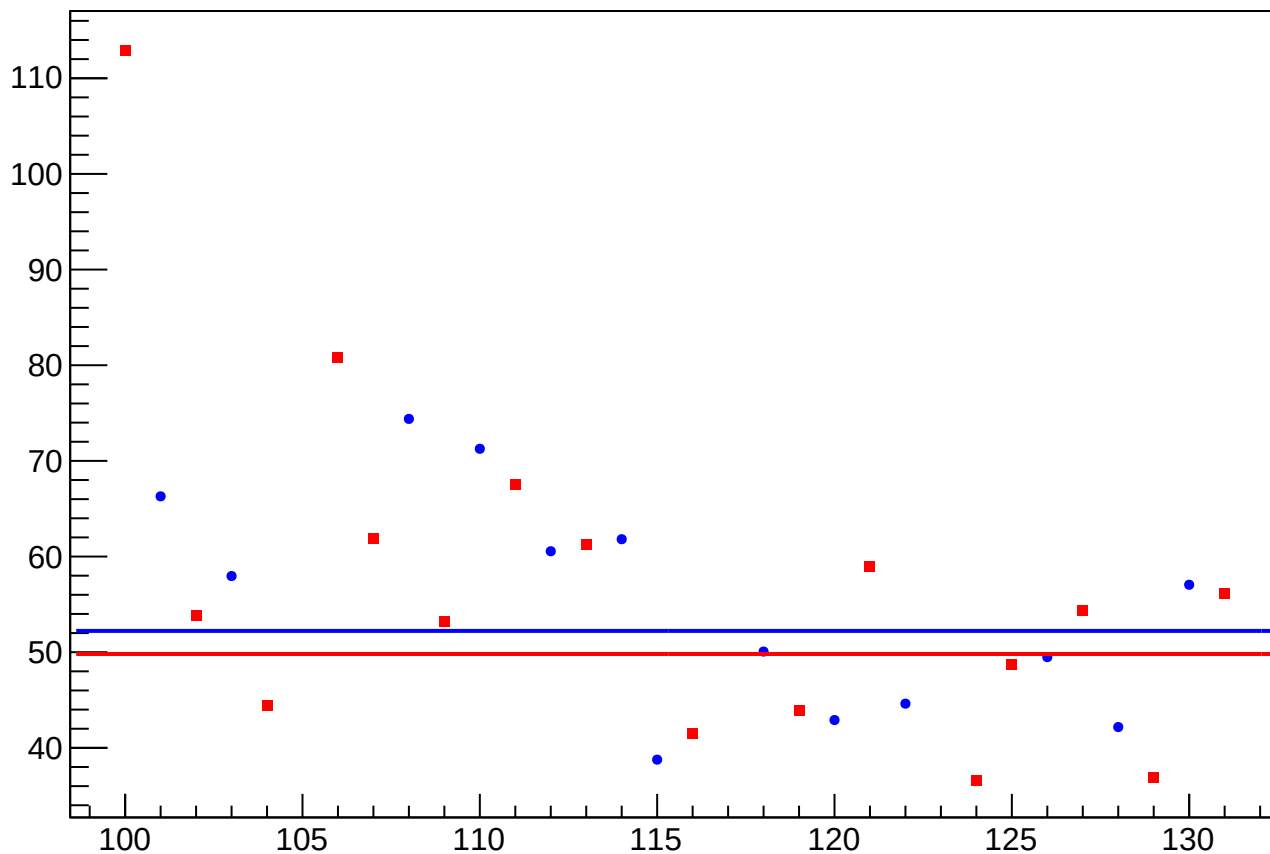
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.016 χ^2 /NDF: 21.1/28

- 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: 52.227 $\pm$ 0.016 χ^2 /NDF: 355559.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 49.814 $\pm$ 0.015 χ^2 /NDF: 447965.5/15

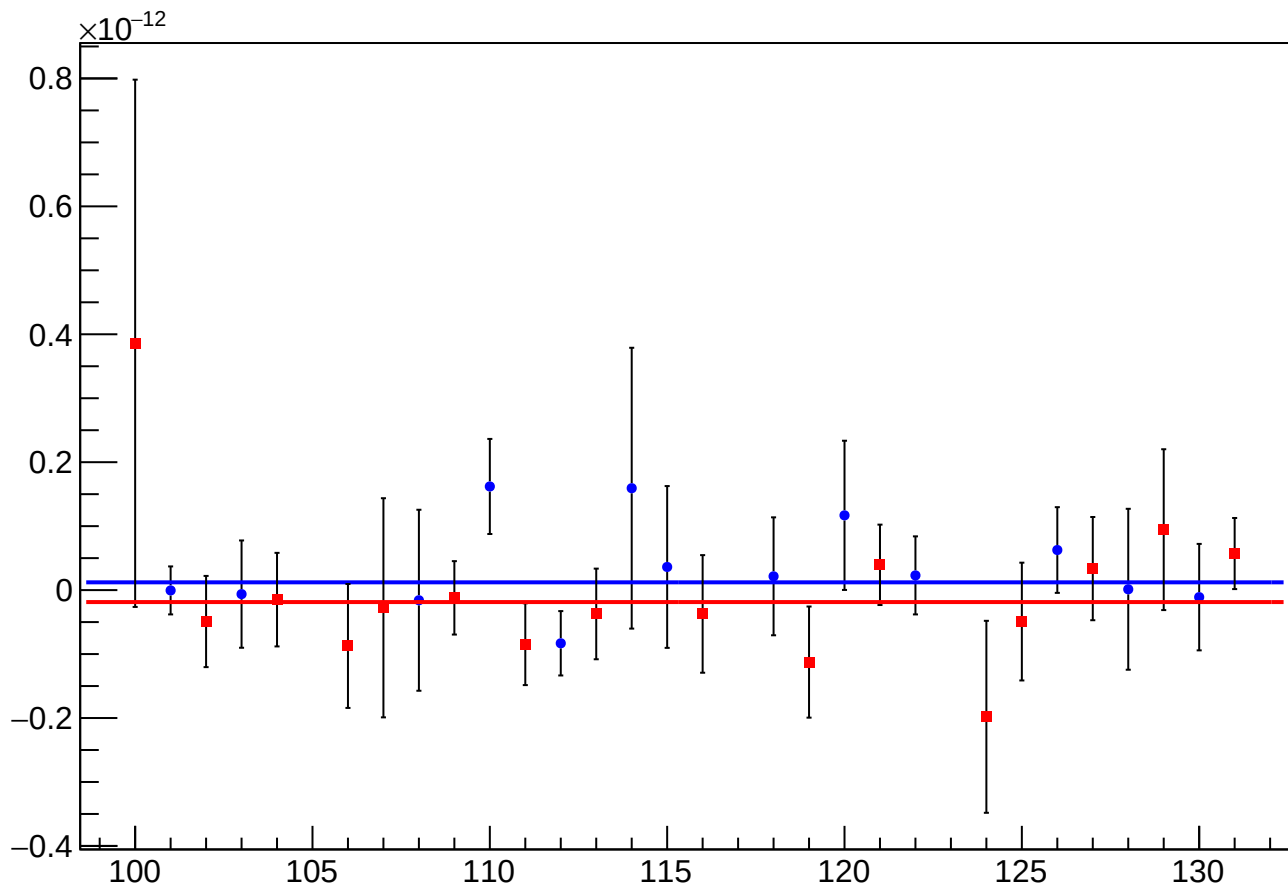
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

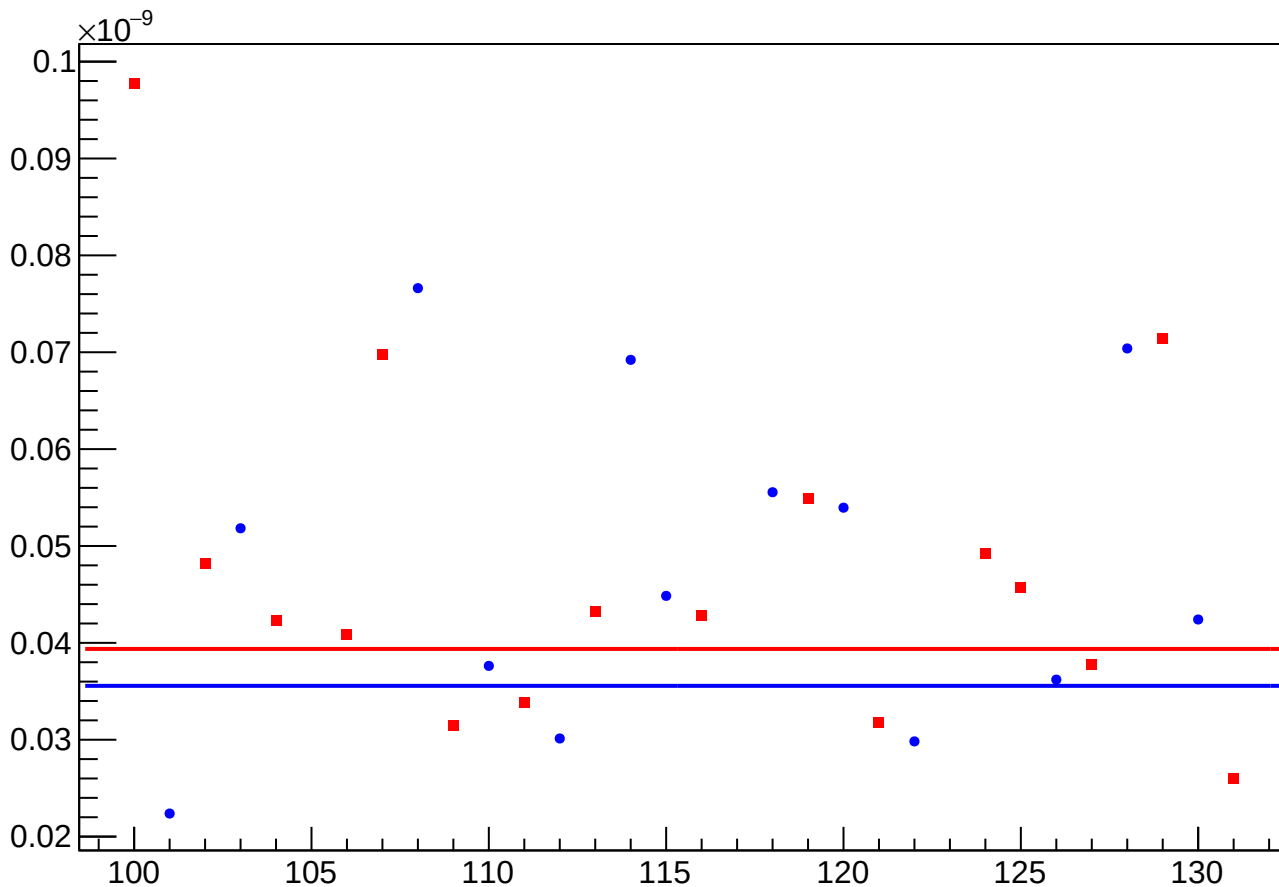
All: 50.888 $\pm$ 0.011 χ^2 /NDF: 815428.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_cor_vs_cor_diff_mean vs Slug



asym_sam_2468_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 901422.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 556666.0/15

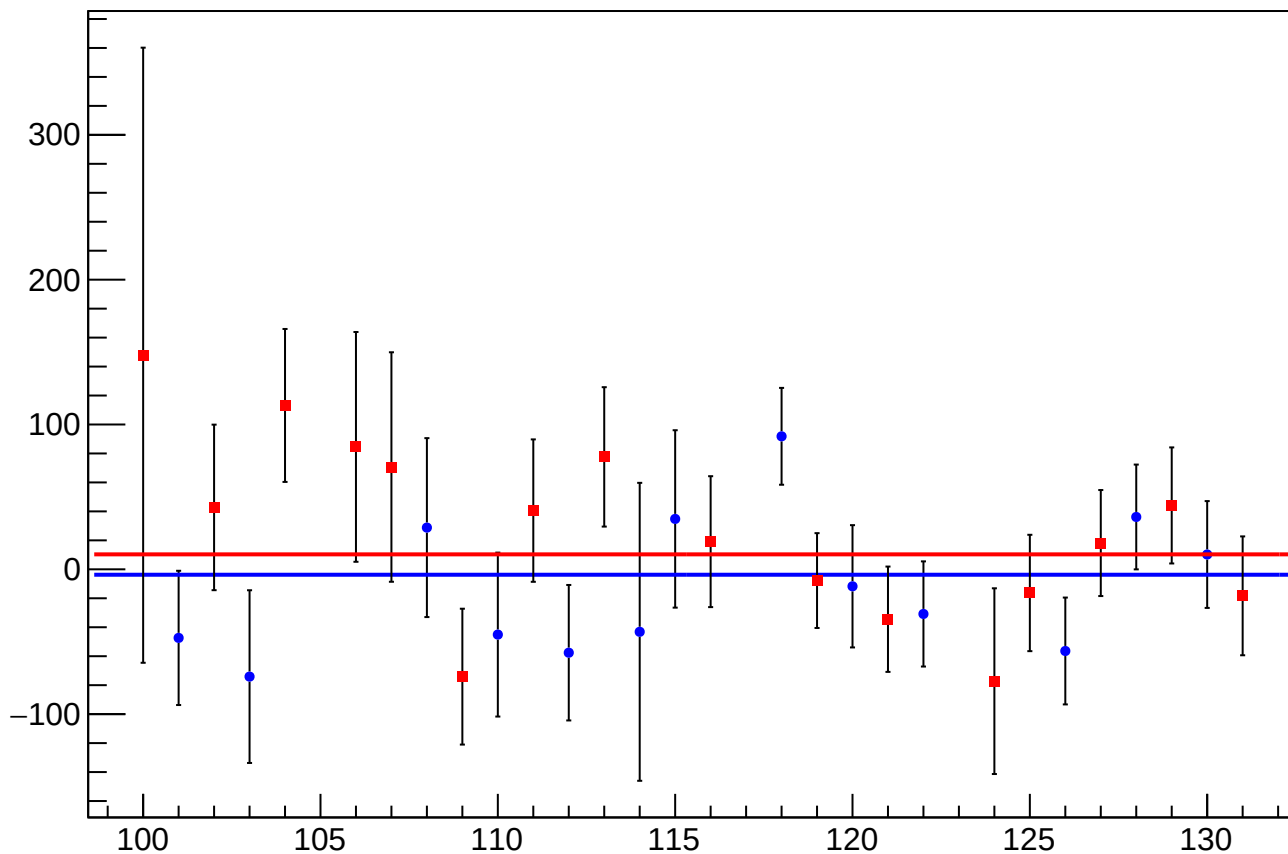
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1493940.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_2468_dd_mean vs Slug



Right In: -3.745+/-12.322 χ^2/NDF : 17.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.329+/-11.697 χ^2/NDF : 17.0/15

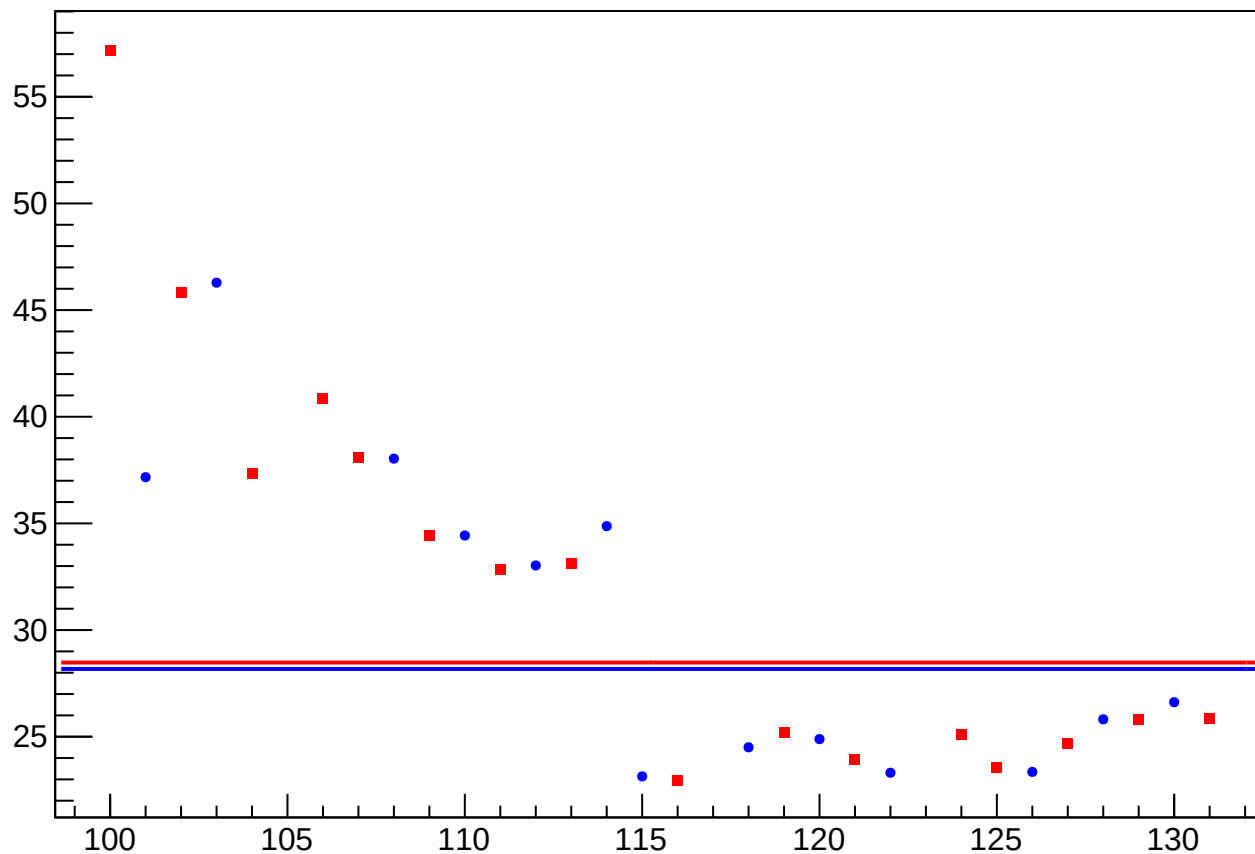
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.658+/-8.483 χ^2/NDF : 34.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_2468_dd_rms vs Slug



Right In: 28.177+/-0.009 χ^2/NDF : 497107.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.478+/-0.008 χ^2/NDF : 577004.8/15

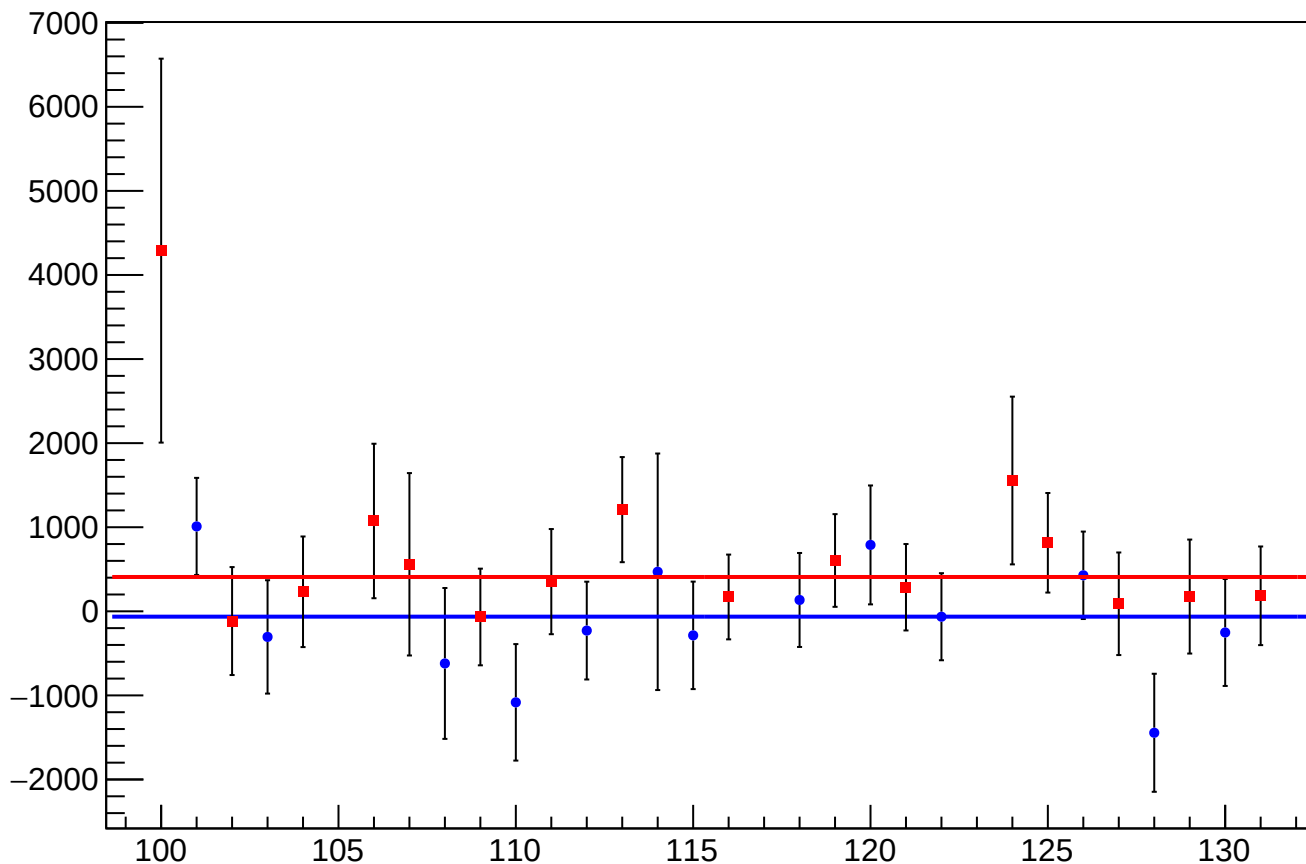
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.335+/-0.006 χ^2/NDF : 1074740.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_reg_correction_mean vs Slug



Right In: -63.547 $\pm$ 177.970 χ^2 /NDF: 12.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 408.282 $\pm$ 162.756 χ^2 /NDF: 9.2/15

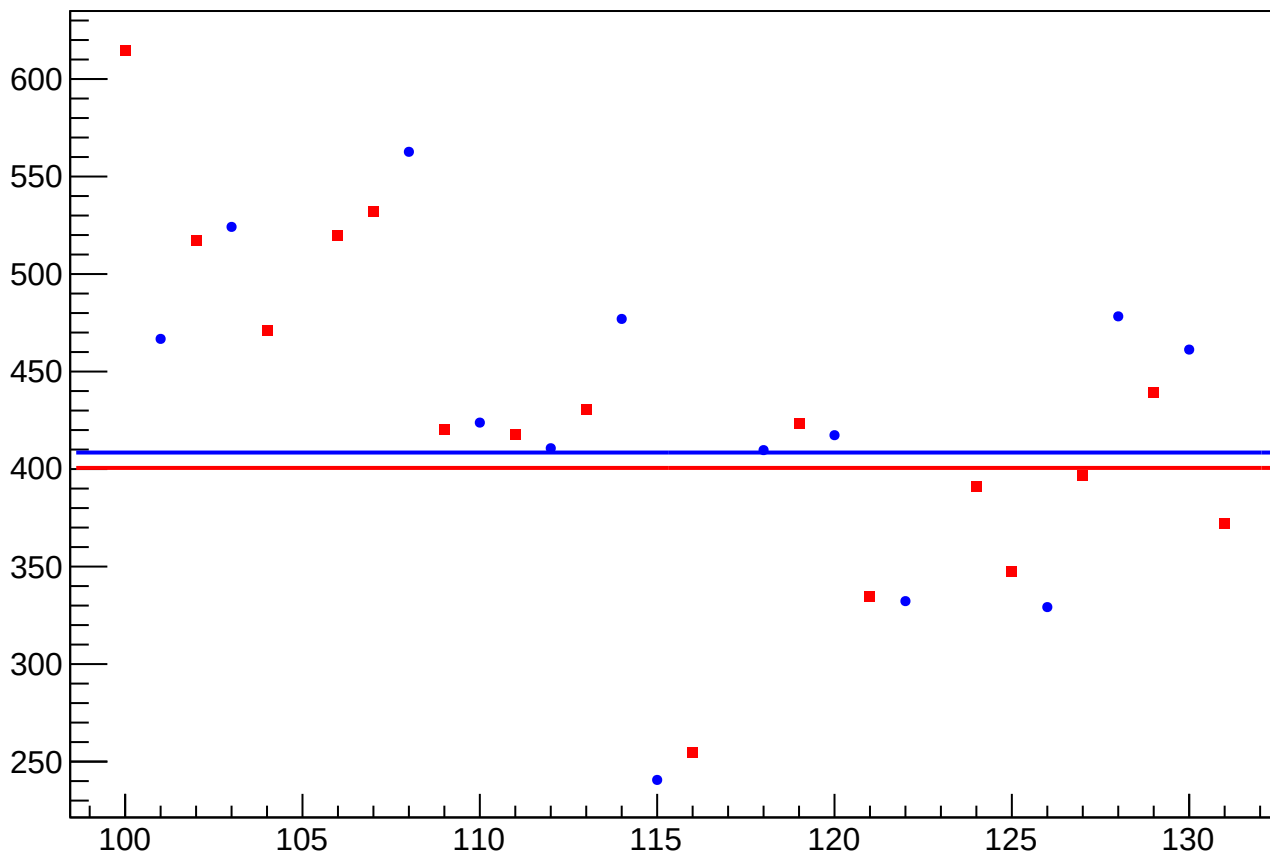
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 193.394 $\pm$ 120.105 χ^2 /NDF: 26.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_reg_correction_rms vs Slug



Right In: 408.472 $\pm$ 0.126 χ^2 /NDF: 405809.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 400.584 $\pm$ 0.115 χ^2 /NDF: 408897.1/15

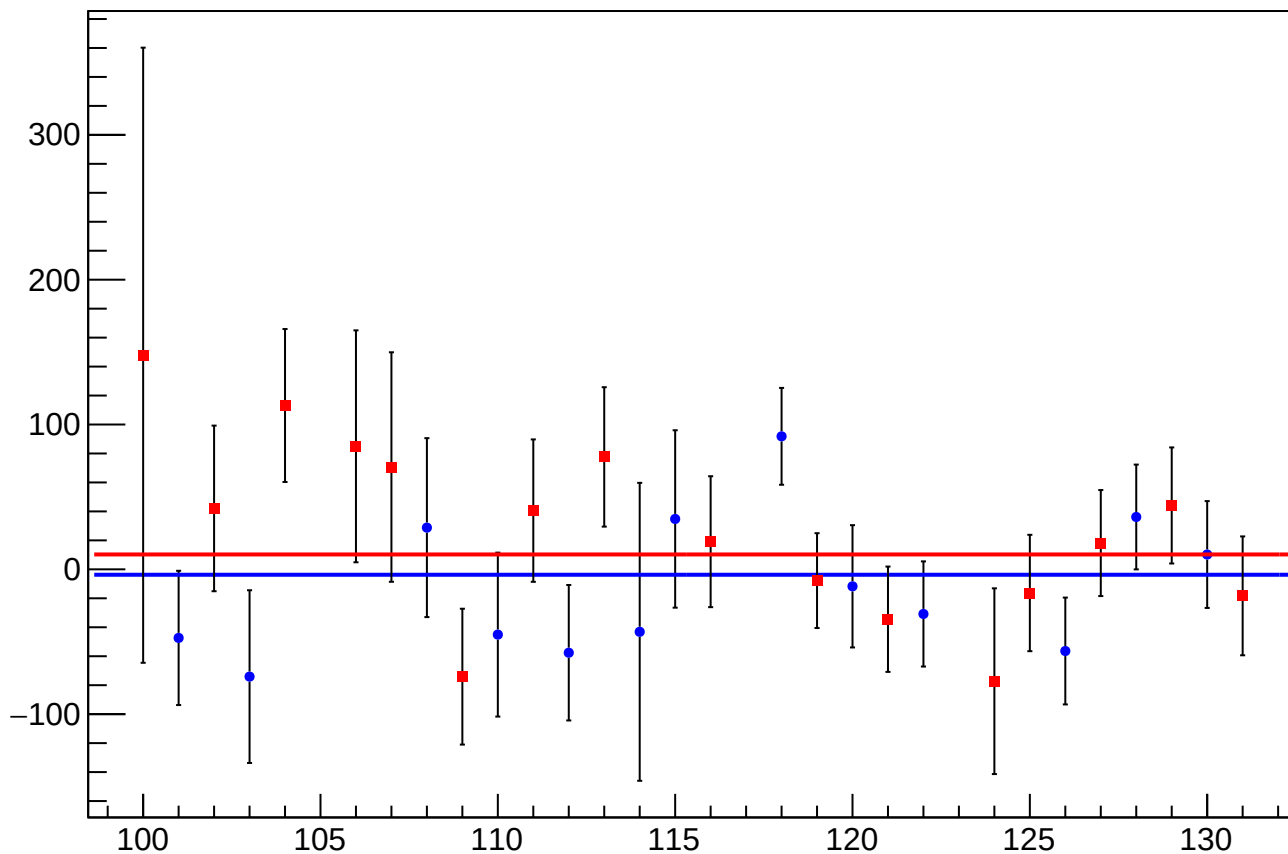
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 404.176 $\pm$ 0.085 χ^2 /NDF: 816846.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_1357_2468_dd_mean vs Slug



Right In: -3.742+/-12.322 χ^2/NDF : 17.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.274+/-11.699 χ^2/NDF : 16.9/15

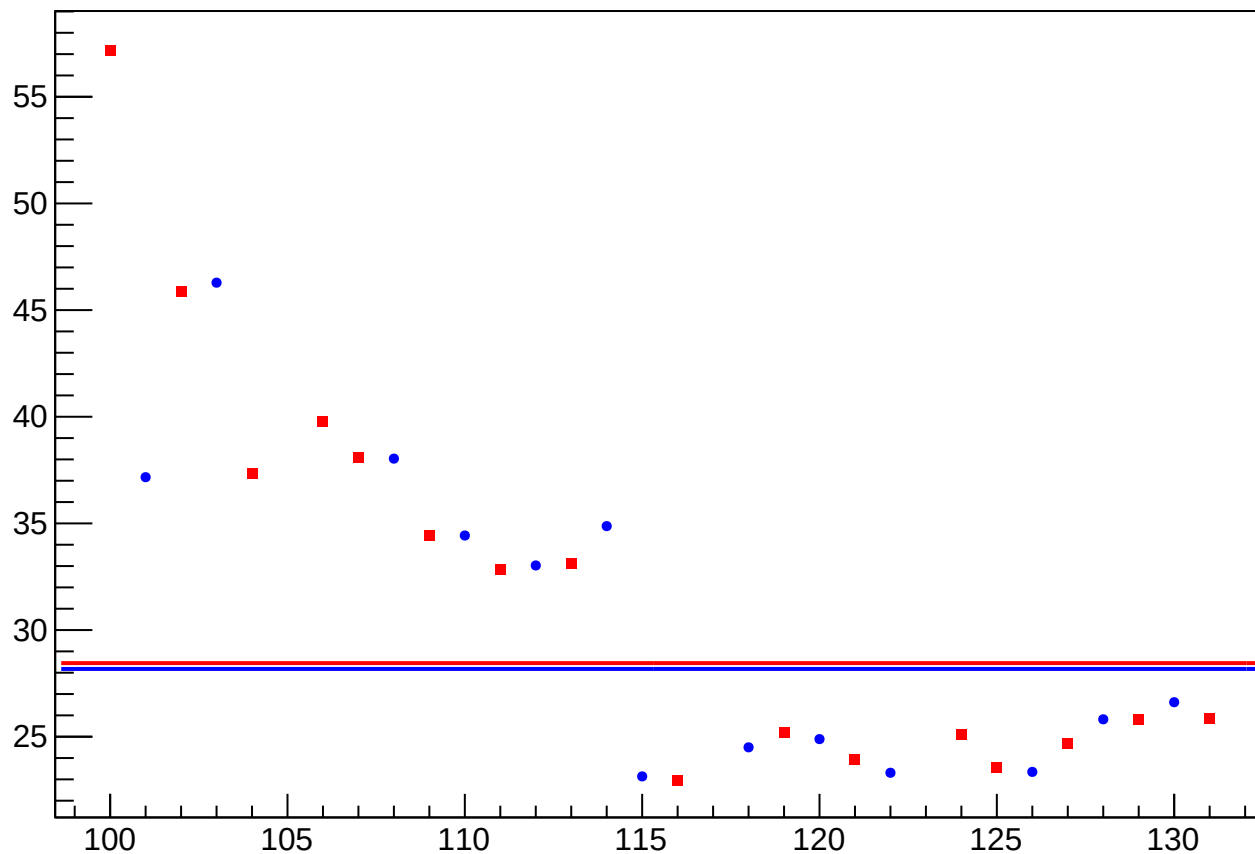
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.629+/-8.484 χ^2/NDF : 34.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_1357_2468_dd_rms vs Slug



Right In: 28.177+/-0.009 χ^2 /NDF: 497111.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 28.450+/-0.008 χ^2 /NDF: 568354.6/15

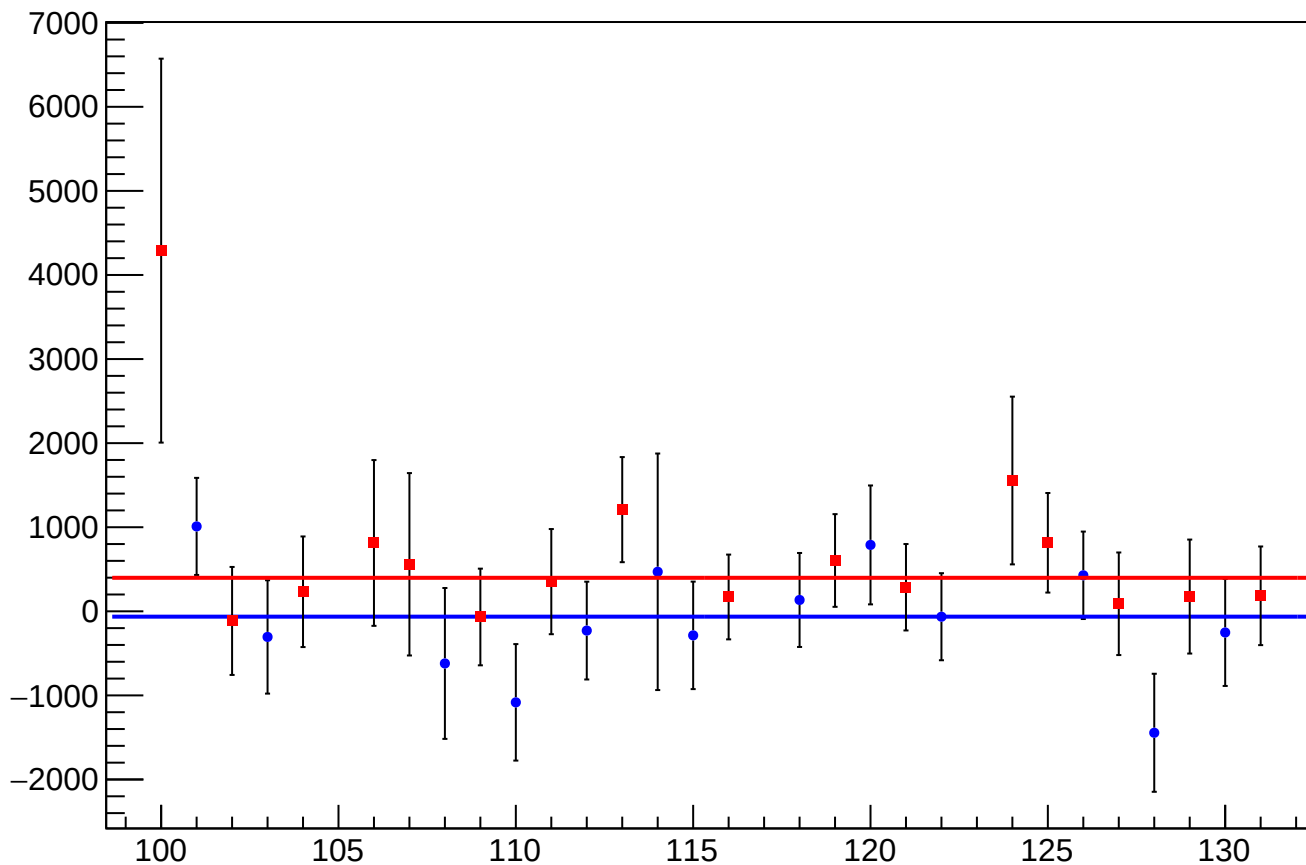
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 28.320+/-0.006 χ^2 /NDF: 1065982.7/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_cor_correction_mean vs Slug



Right In: -63.560 $\pm$ 177.971 χ^2 /NDF: 12.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 398.502 $\pm$ 163.098 χ^2 /NDF: 8.9/15

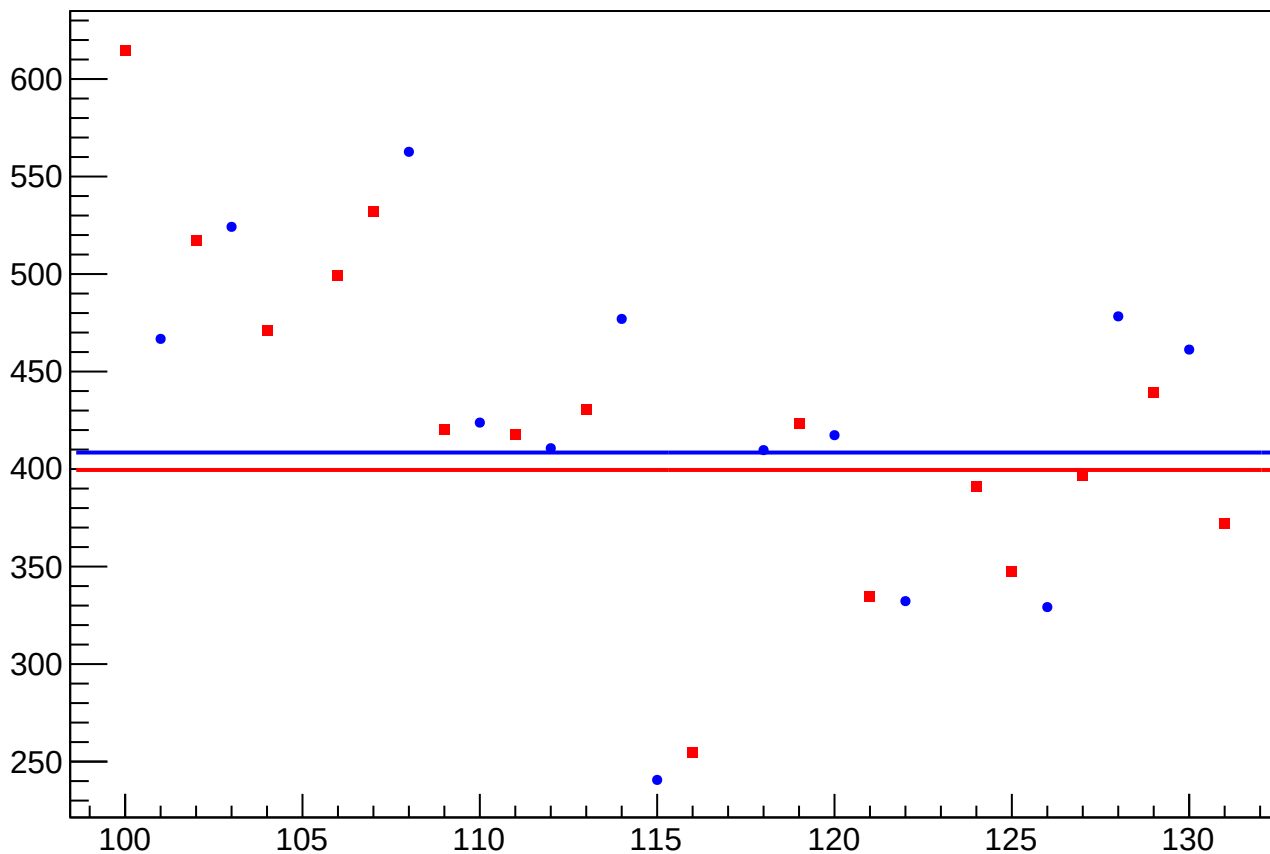
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 187.582 $\pm$ 120.242 χ^2 /NDF: 25.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_cor_correction_rms vs Slug



Right In: 408.473+/-0.126 χ^2/NDF : 405832.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 399.541+/-0.115 χ^2/NDF : 395456.6/15

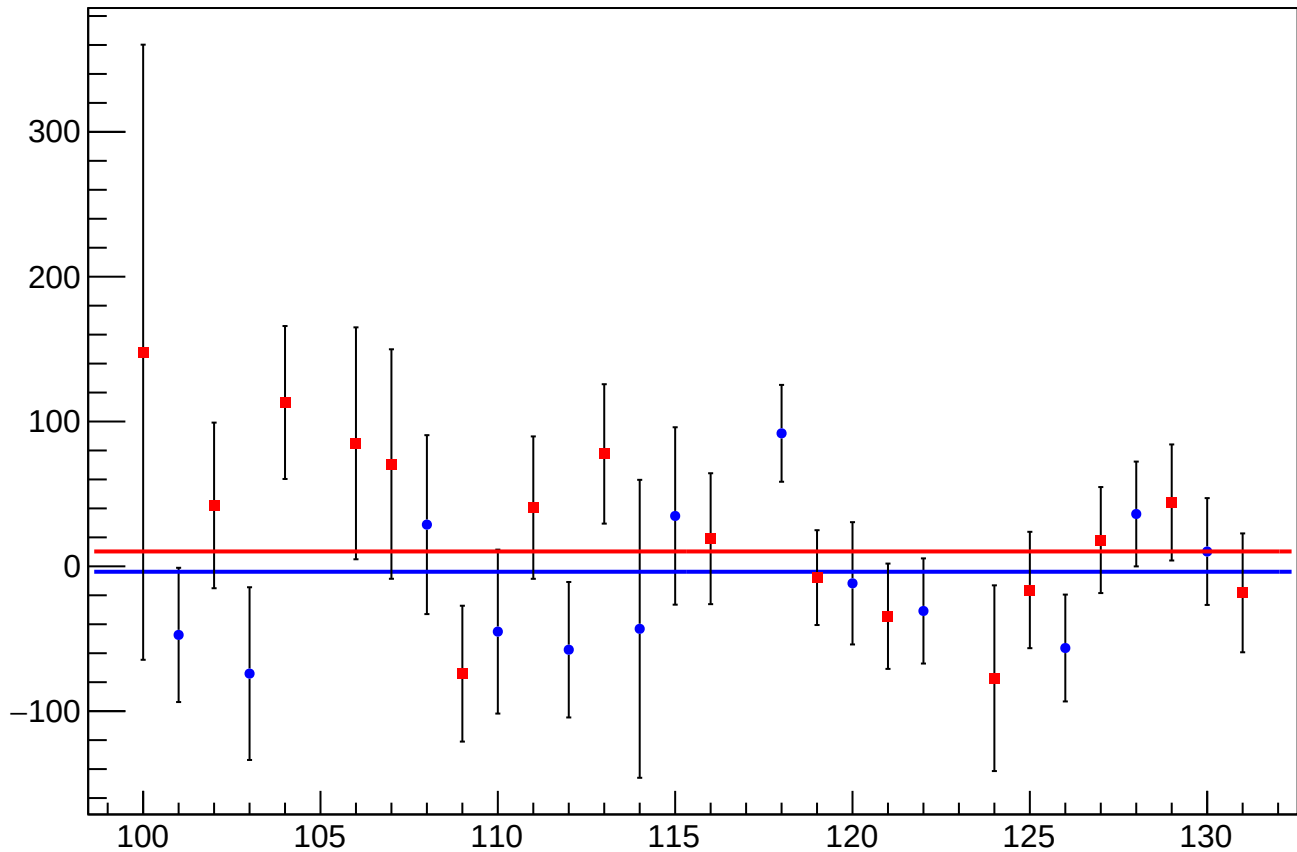
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 403.618+/-0.085 χ^2/NDF : 804027.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_1357_2468_dd_mean vs Slug



Right In: -3.742+/-12.322 χ^2/NDF : 17.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.274+/-11.699 χ^2/NDF : 16.9/15

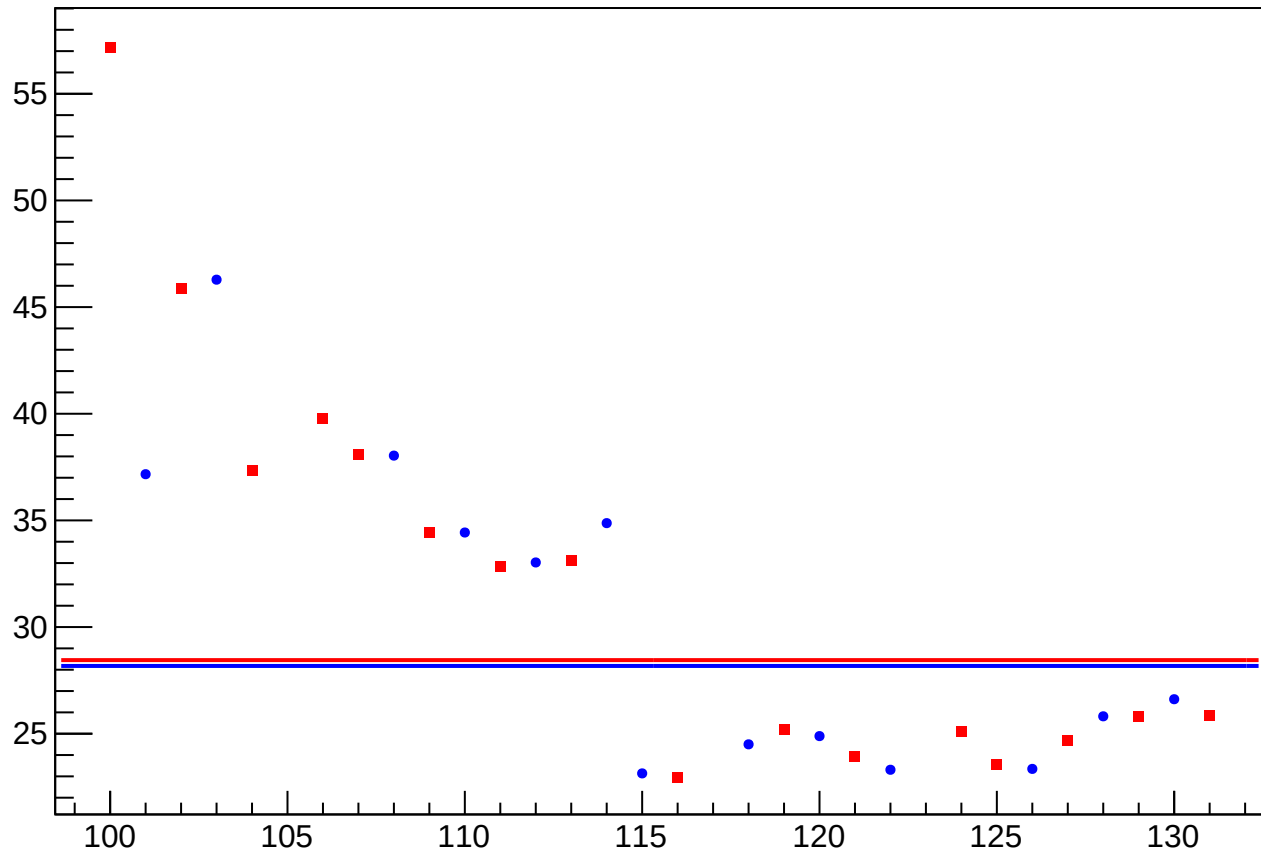
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.629+/-8.484 χ^2/NDF : 34.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_1357_2468_dd_rms vs Slug



Right In: 28.177+/-0.009 χ^2 /NDF: 497111.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 28.450+/-0.008 χ^2 /NDF: 568354.6/15

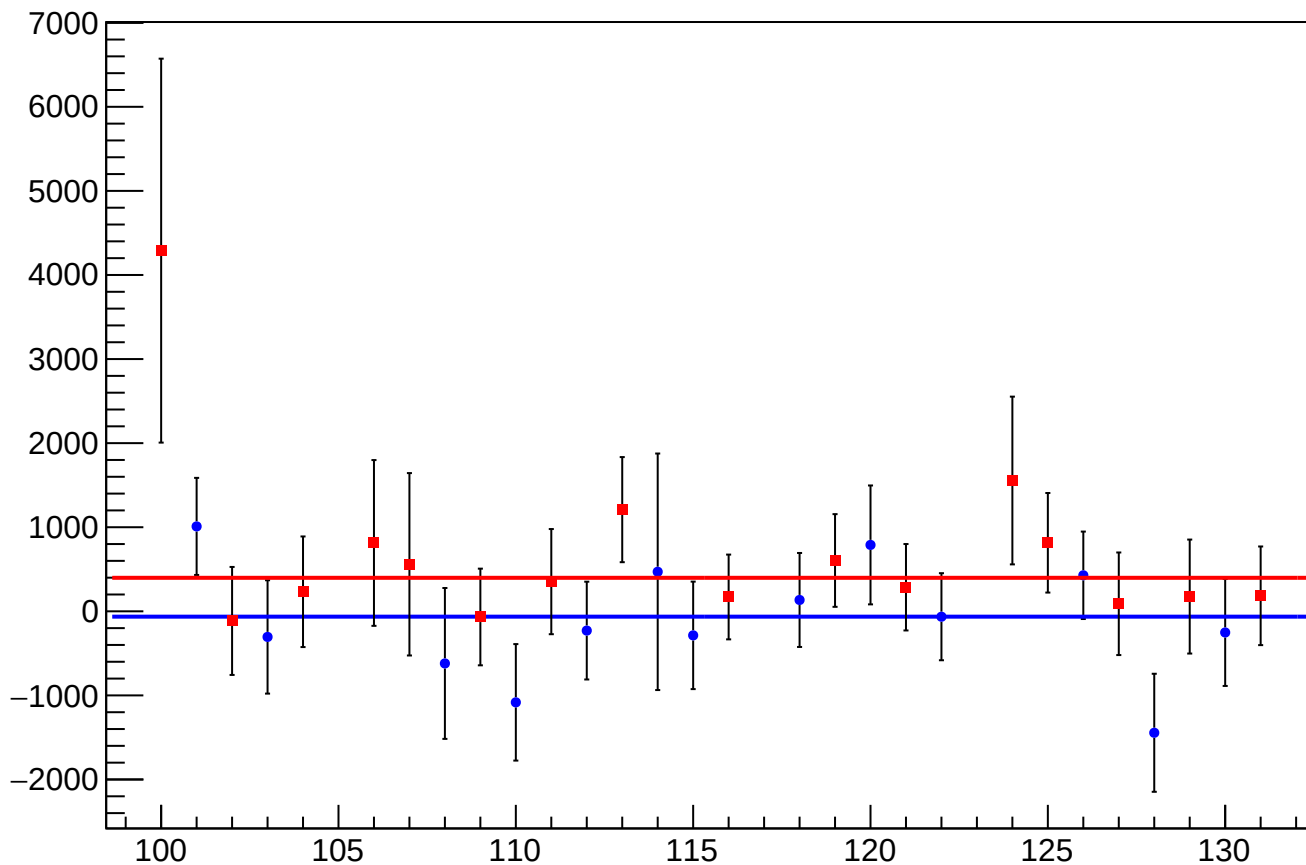
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 28.320+/-0.006 χ^2 /NDF: 1065982.7/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_cor_correction_mean vs Slug



Right In: -63.560 $\pm$ 177.971 χ^2 /NDF: 12.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 398.502 $\pm$ 163.098 χ^2 /NDF: 8.9/15

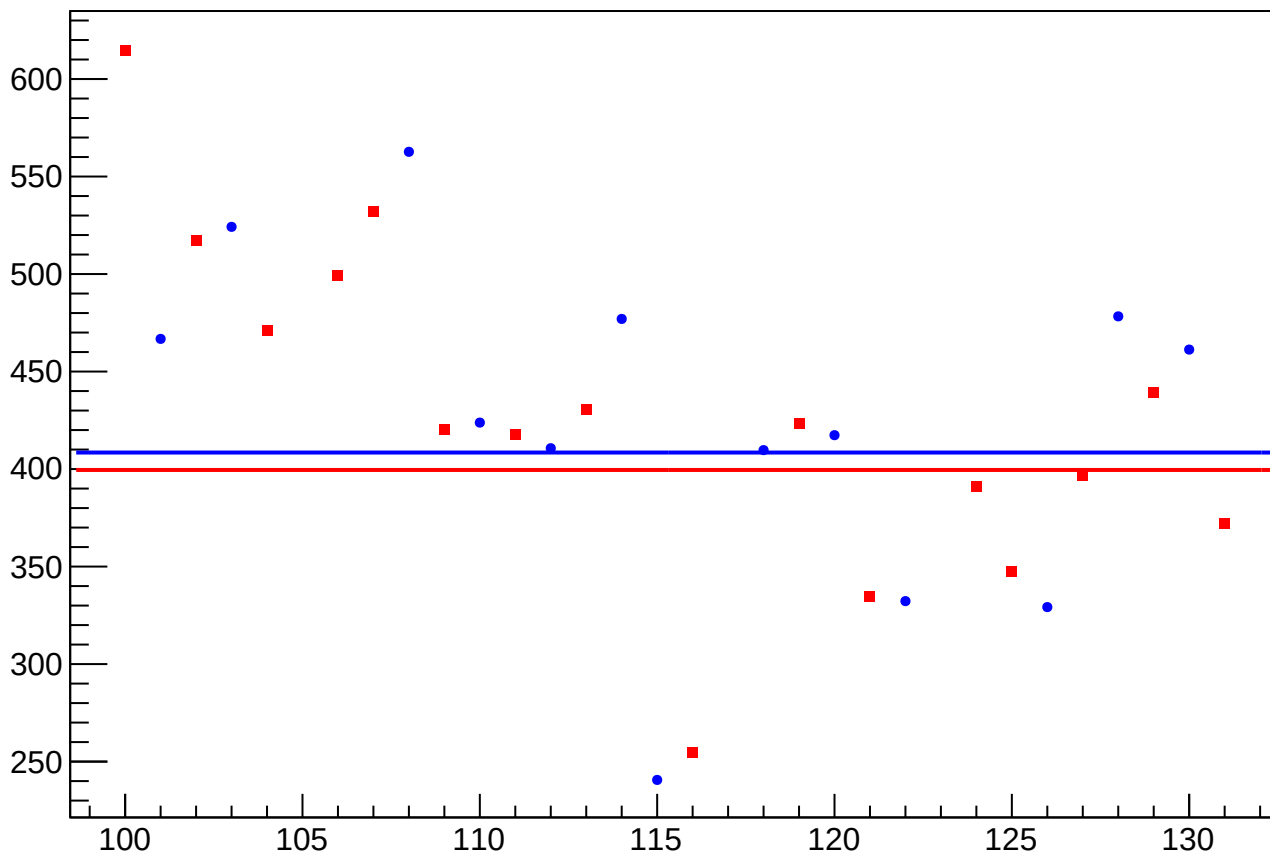
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 187.582 $\pm$ 120.242 χ^2 /NDF: 25.5/28

- 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: 408.473+/-0.126 χ^2/NDF : 405832.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 399.541+/-0.115 χ^2/NDF : 395456.6/15

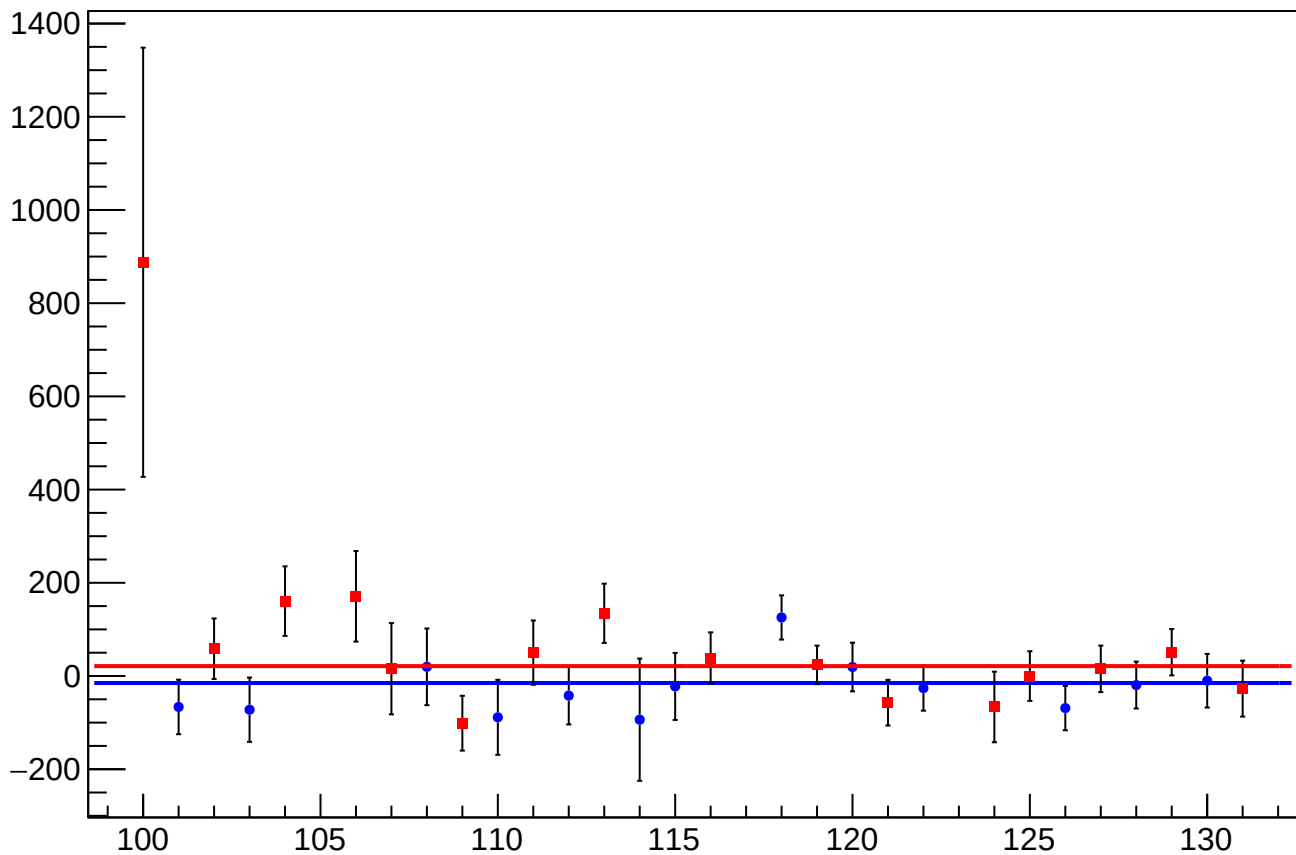
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 403.618+/-0.085 χ^2/NDF : 804027.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -14.993 ± 16.454 χ^2/NDF : 13.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 21.262 ± 15.217 χ^2/NDF : 22.6/15

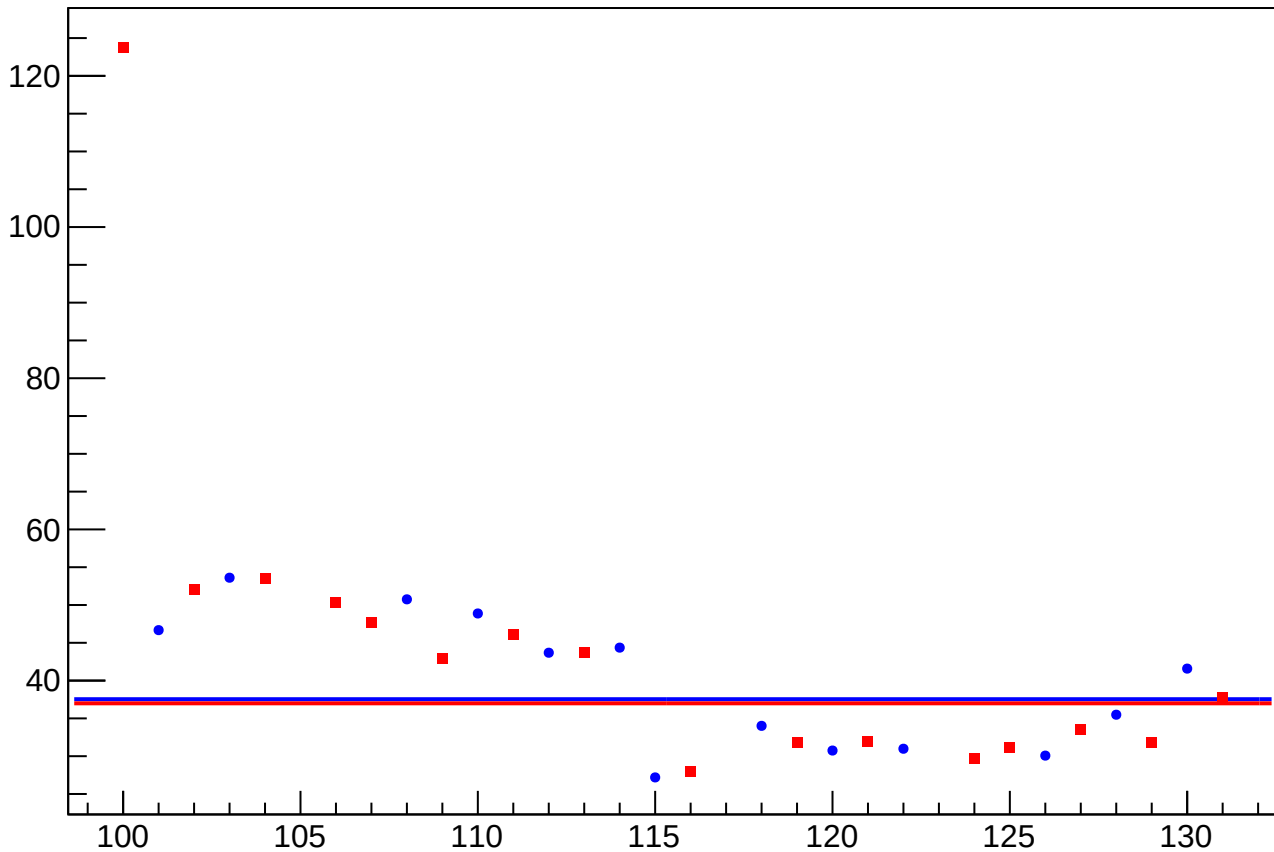
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 4.548 ± 11.172 χ^2/NDF : 38.9/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 37.538+/-0.012 χ^2 /NDF: 459081.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 36.994+/-0.011 χ^2 /NDF: 596241.7/15

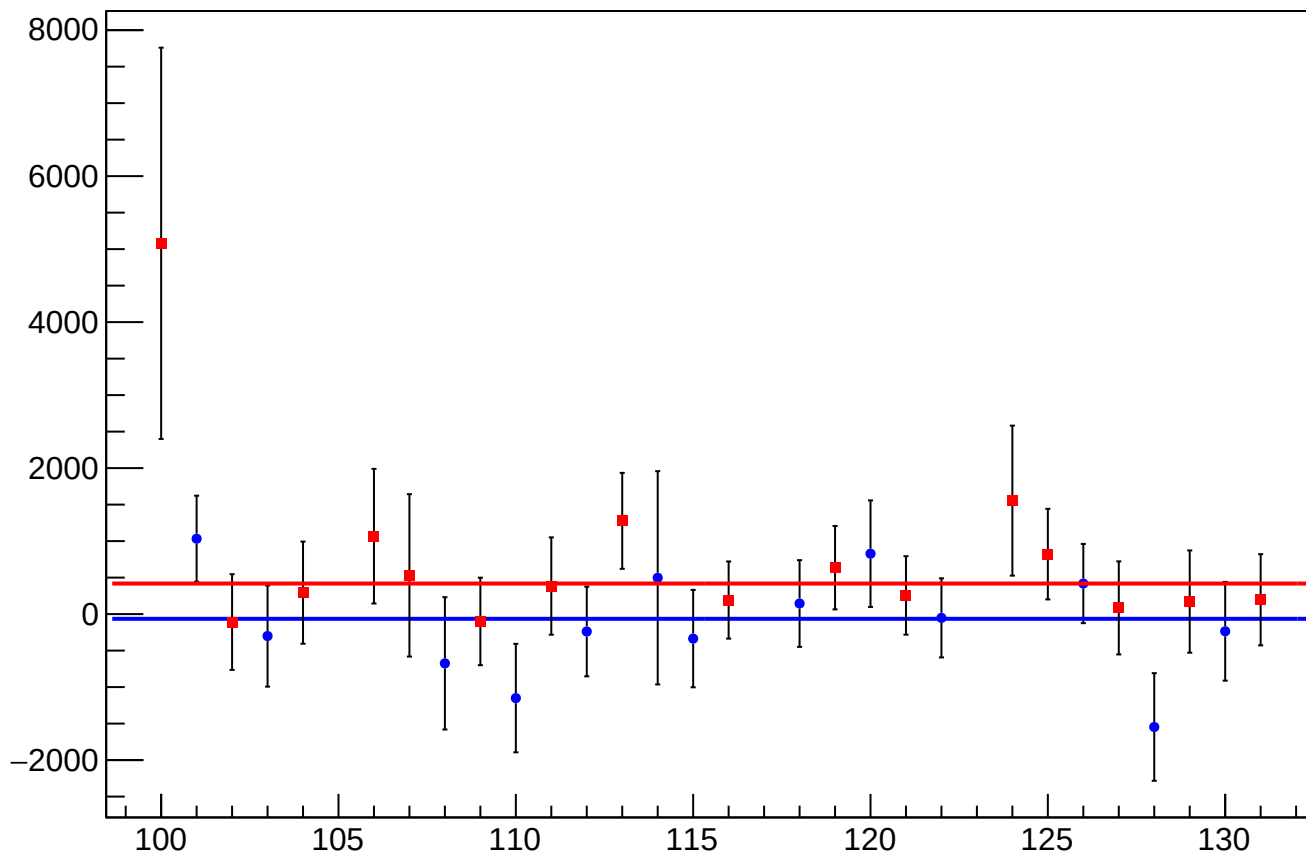
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 37.245+/-0.008 χ^2 /NDF: 1056501.3/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_dit_correction_mean vs Slug



Right In: -64.552 $\pm$ 186.052 χ^2 /NDF: 13.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 418.826 $\pm$ 170.137 χ^2 /NDF: 9.3/15

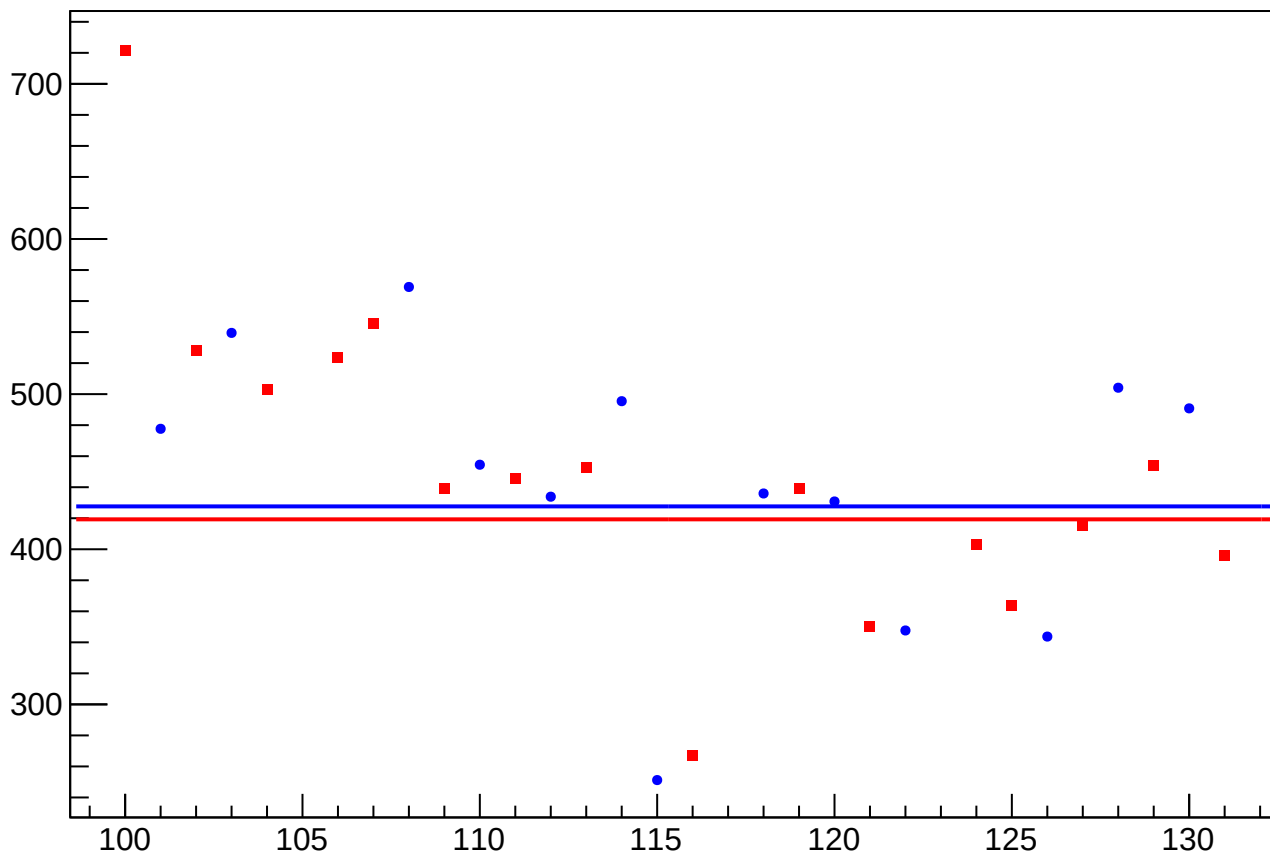
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 198.693 $\pm$ 125.555 χ^2 /NDF: 26.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_dit_correction_rms vs Slug



Right In: 427.631+/-0.132 χ^2/NDF : 392944.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

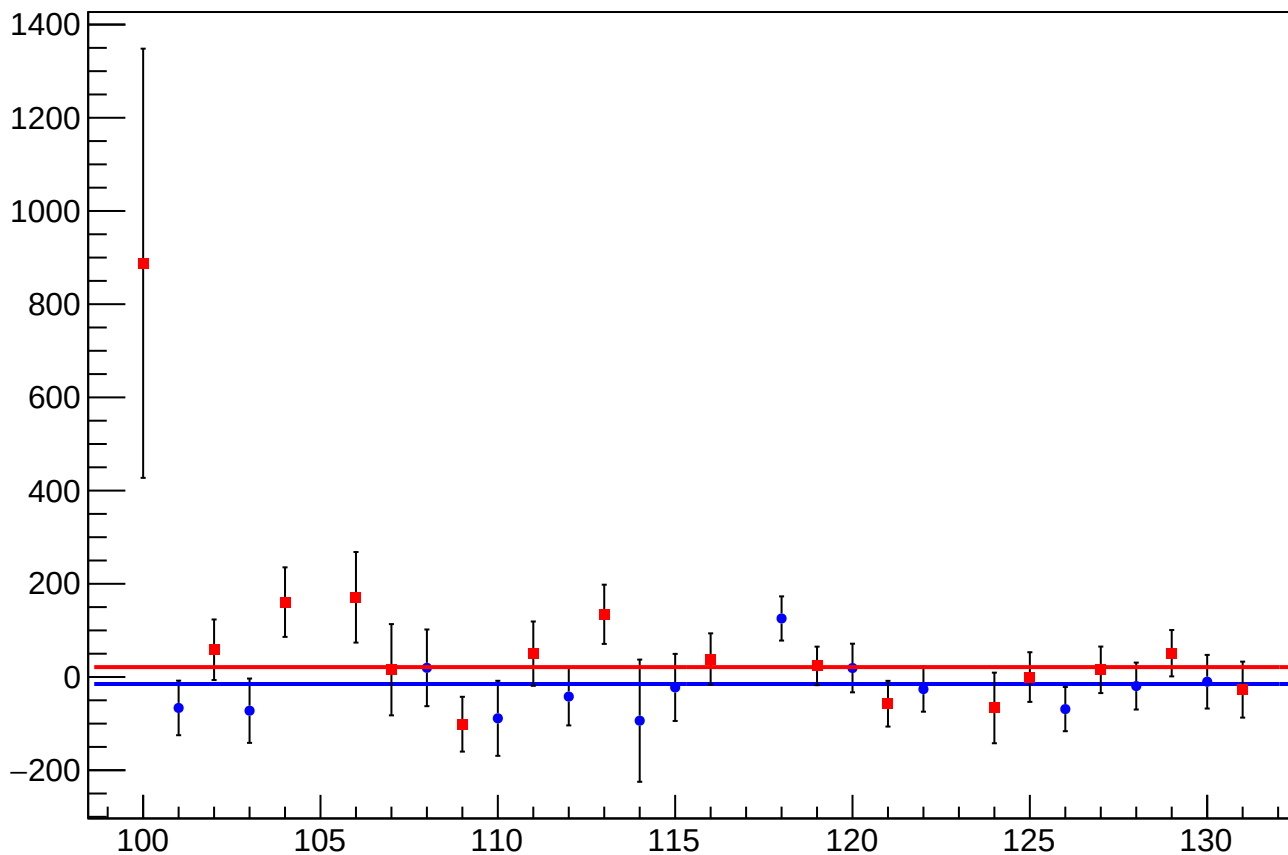
Right Out: 419.283+/-0.120 χ^2/NDF : 395961.6/15

All: 423.085+/-0.089 χ^2/NDF : 791099.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -14.993 $\pm$ 16.453 χ^2 /NDF: 13.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.261 $\pm$ 15.217 χ^2 /NDF: 22.6/15

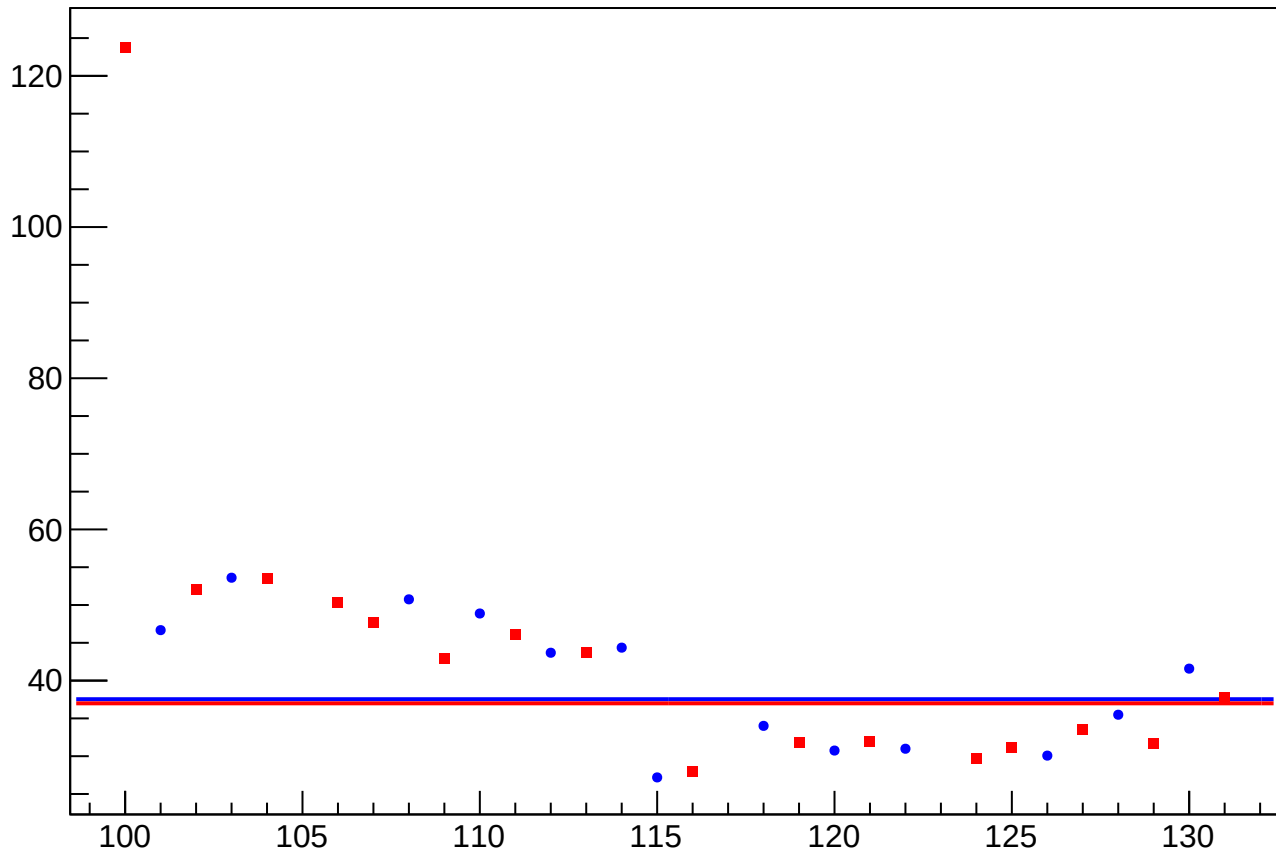
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.548 $\pm$ 11.172 χ^2 /NDF: 38.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 37.538 $\pm$ 0.012 χ^2 /NDF: 459047.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 36.994 $\pm$ 0.011 χ^2 /NDF: 596218.7/15

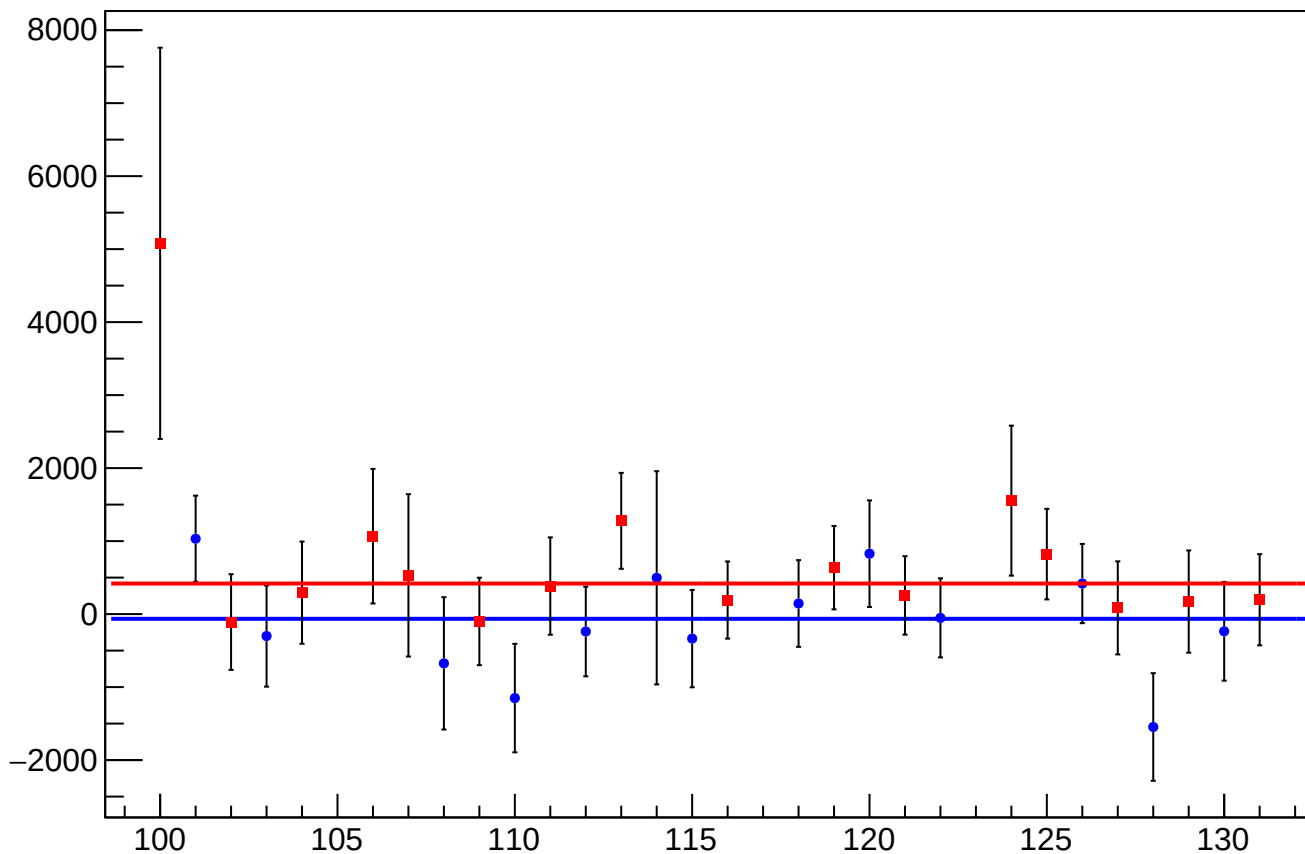
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.244 $\pm$ 0.008 χ^2 /NDF: 1056443.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_dit_correction_mean vs Slug



Right In: -64.554 $\pm$ 186.052 χ^2 /NDF: 13.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 418.825 $\pm$ 170.136 χ^2 /NDF: 9.3/15

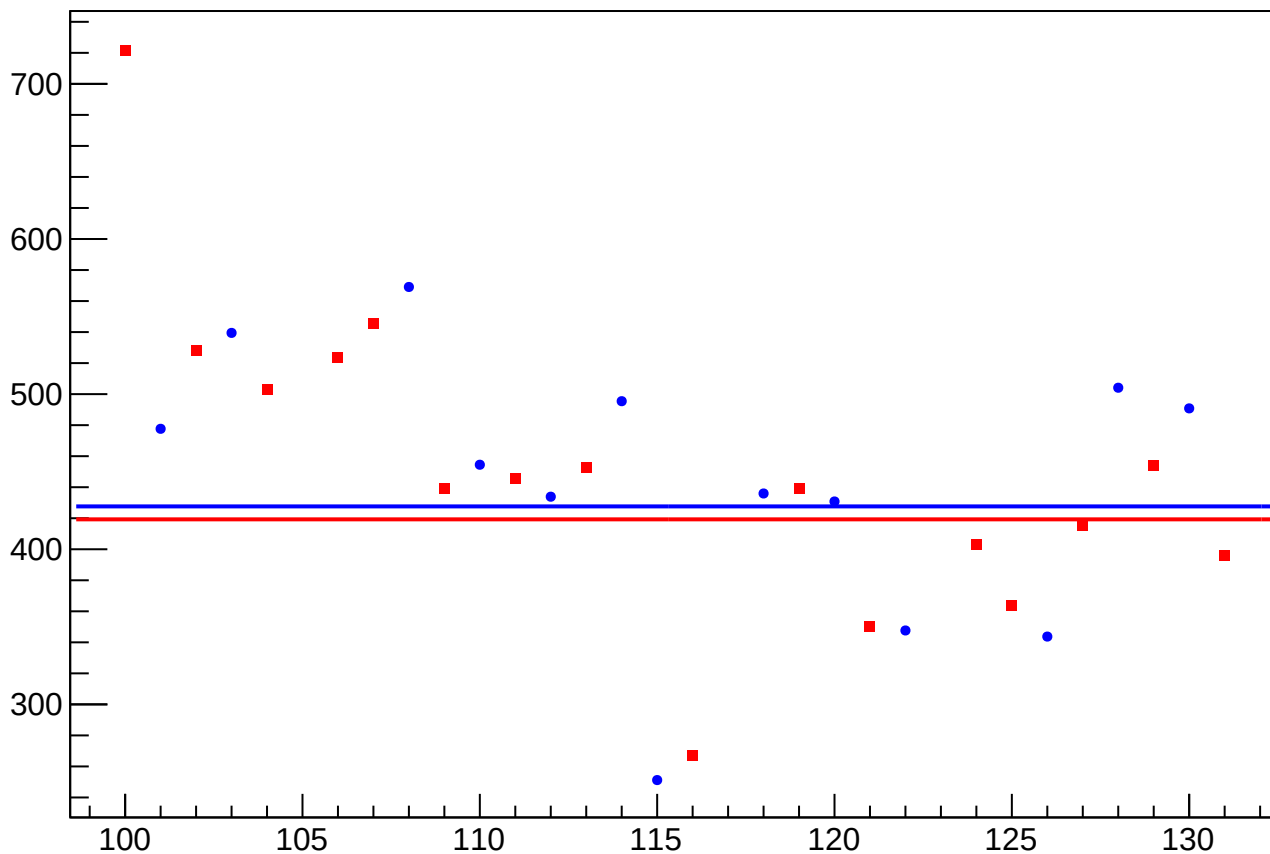
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 198.691 $\pm$ 125.555 χ^2 /NDF: 26.0/28

- 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: 427.630 ± 0.132 χ^2/NDF : 392935.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 419.282 ± 0.120 χ^2/NDF : 395954.9/15

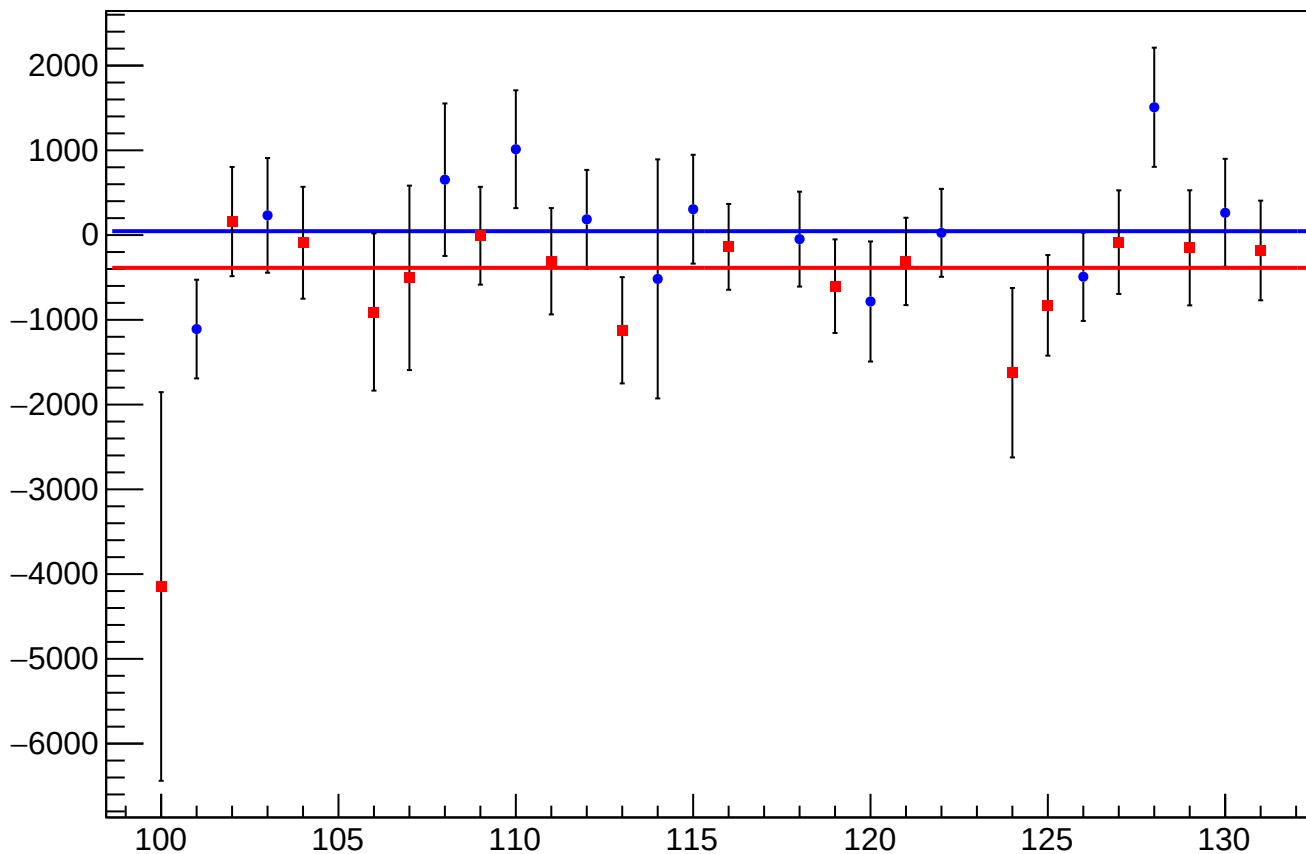
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 423.084 ± 0.089 χ^2/NDF : 791082.9/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_mean vs Slug



Right In: 45.912 $\pm$ 178.553 χ^2 /NDF: 13.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -386.630 $\pm$ 163.268 χ^2 /NDF: 8.8/15

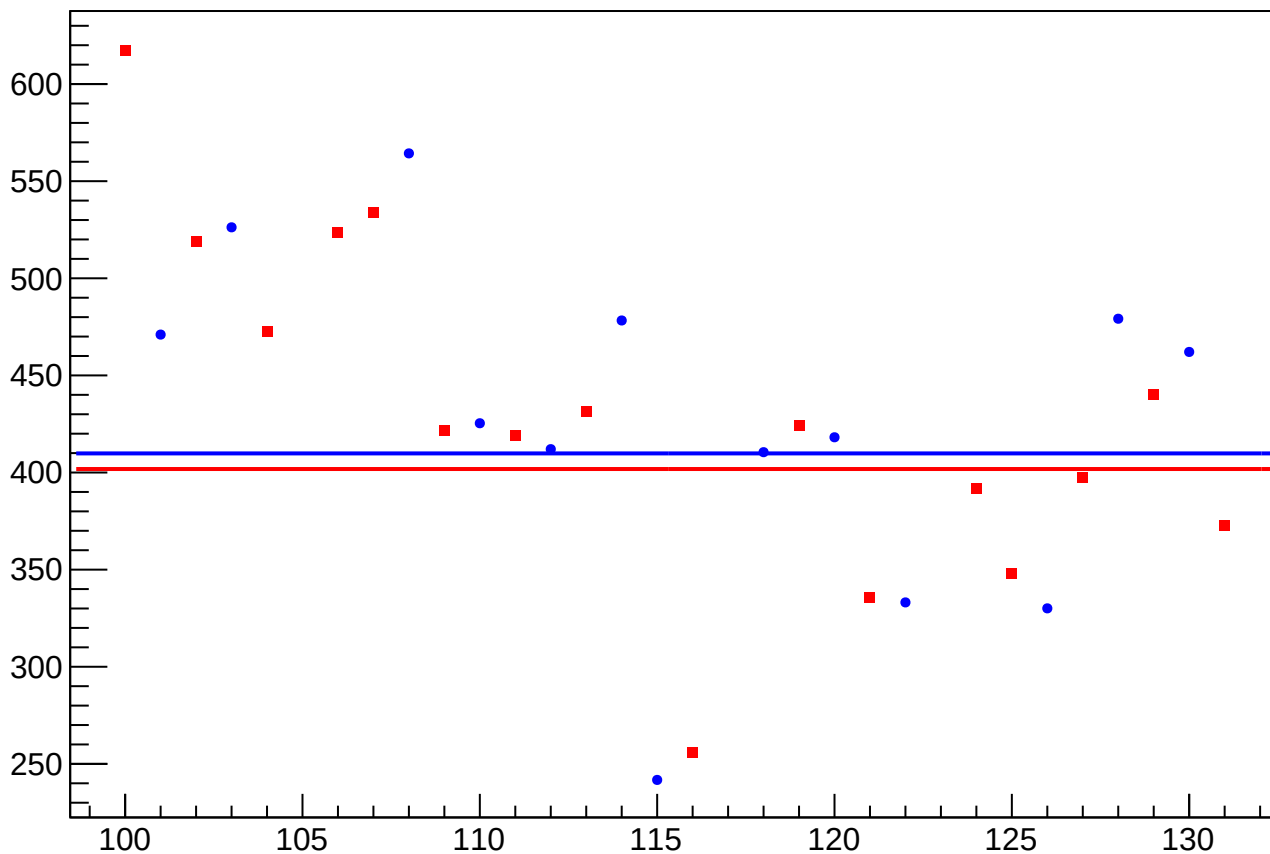
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -189.662 $\pm$ 120.490 χ^2 /NDF: 25.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_rms vs Slug



Right In: 409.844+/-0.126 χ^2/NDF : 406720.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 401.807+/-0.115 χ^2/NDF : 409581.2/15

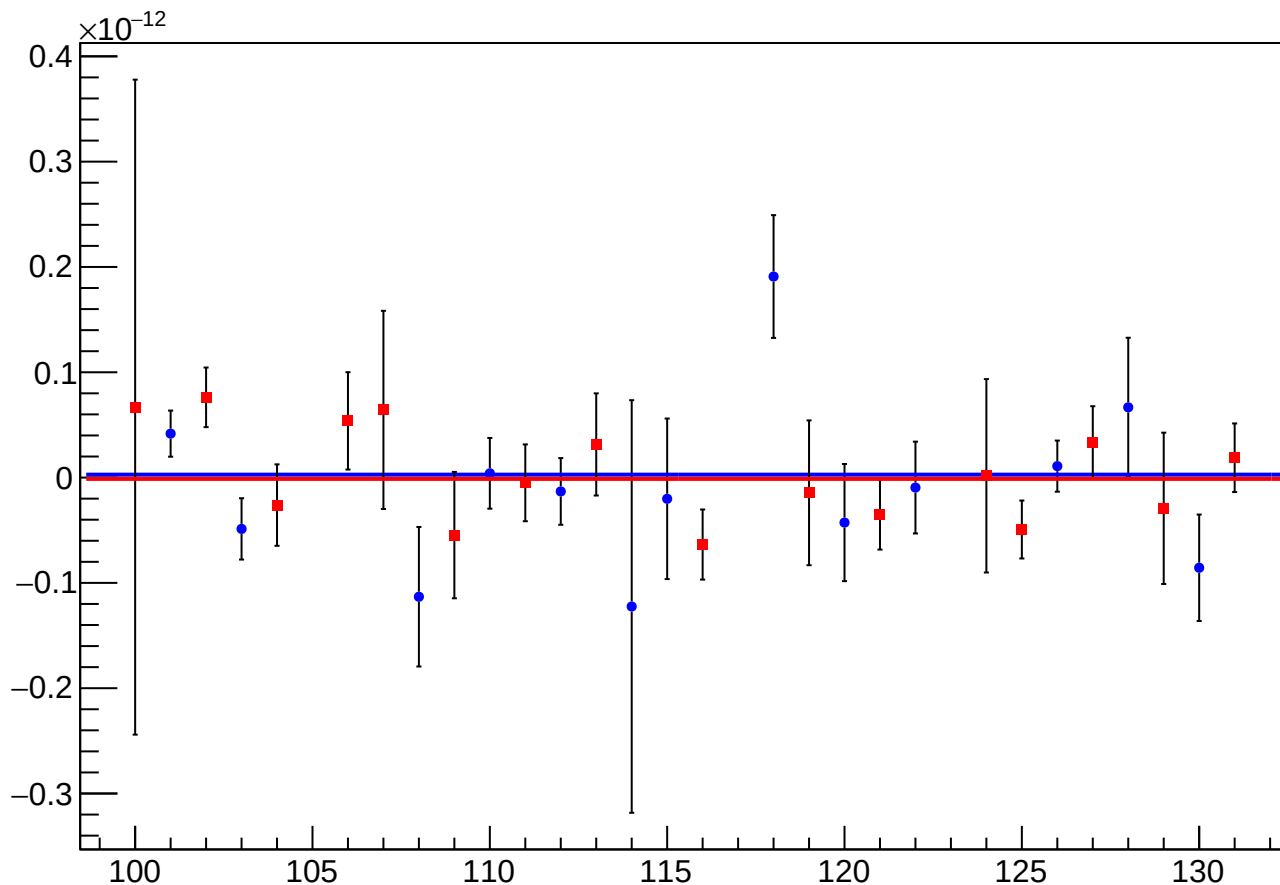
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 405.467+/-0.085 χ^2/NDF : 818508.3/28

- 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: 25.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.3/15

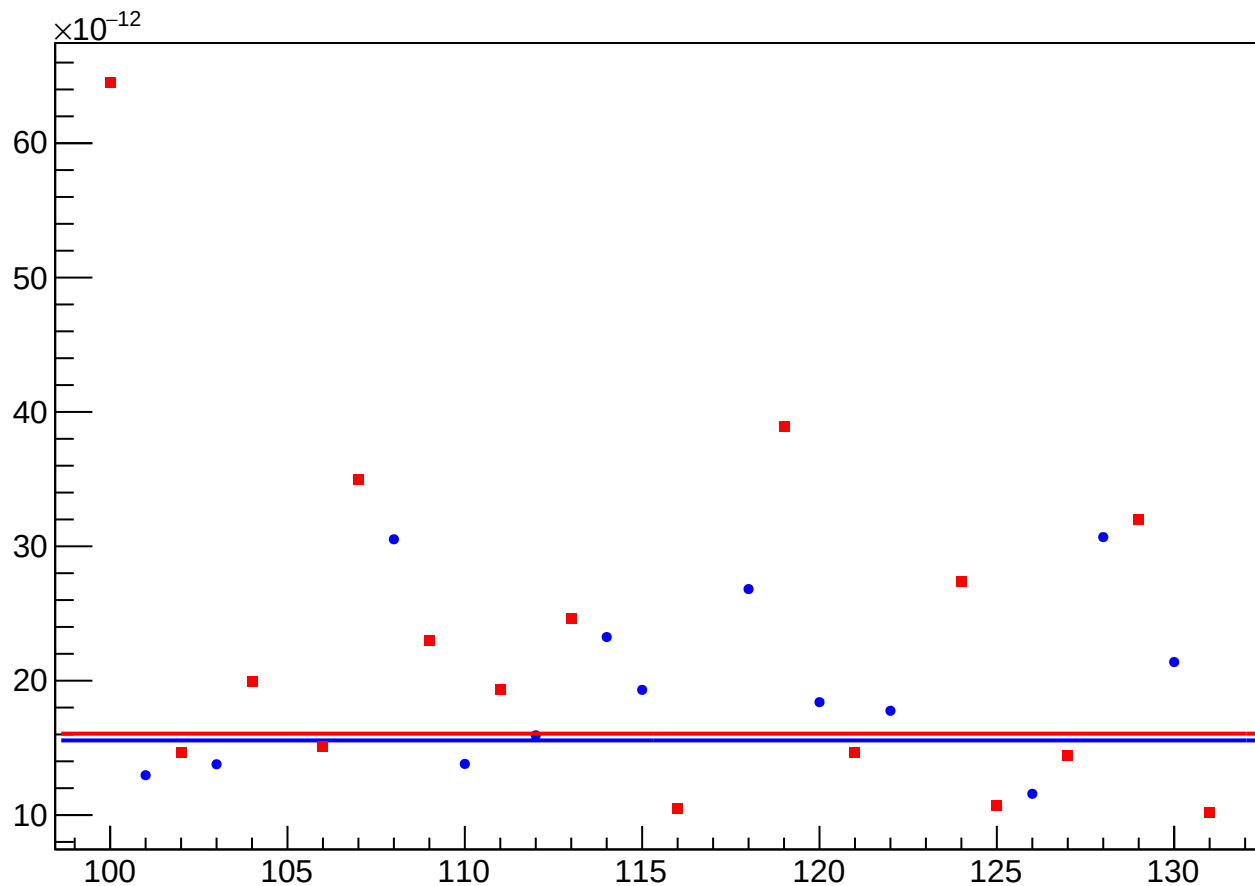
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 45.8/28

- 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 : 421306.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 817801.8/15

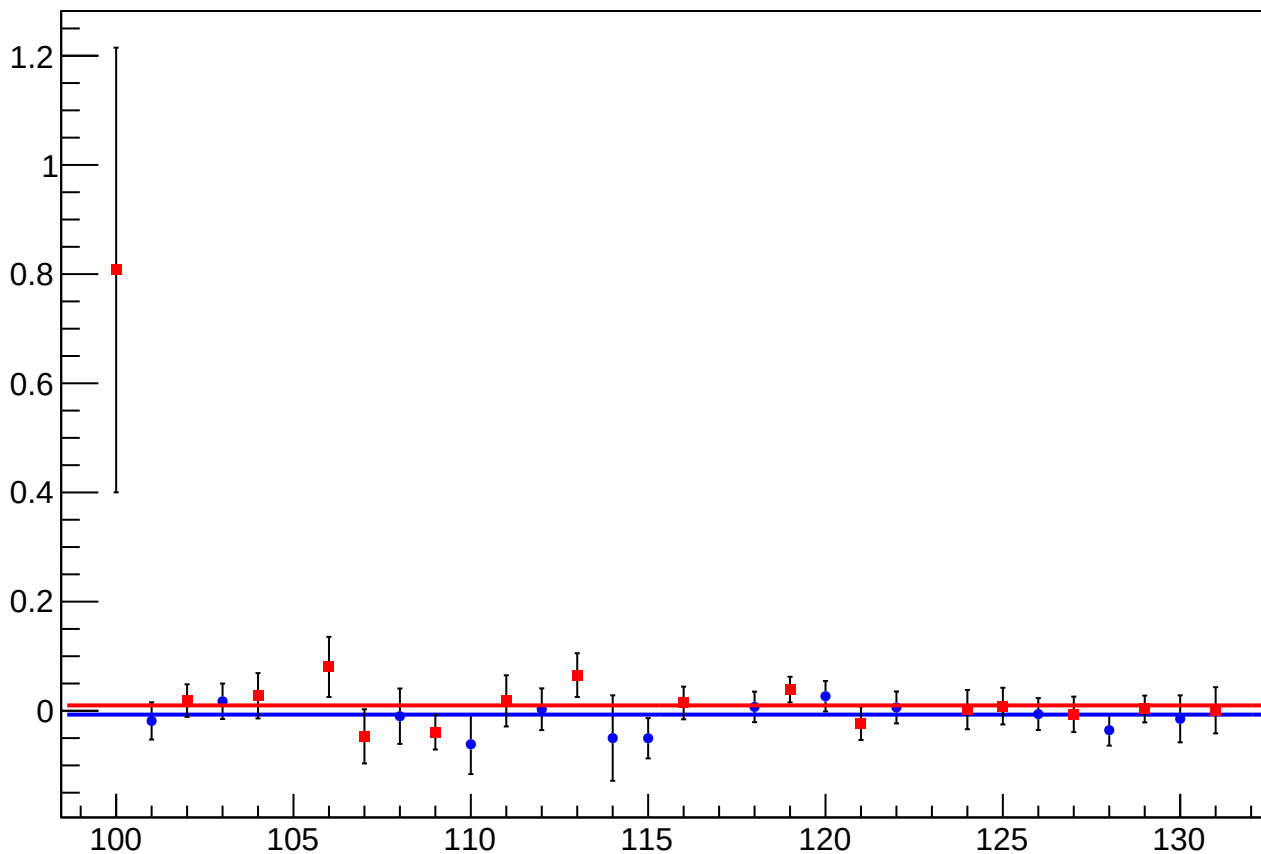
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1241456.6/28

- 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: -0.007 $\pm$ 0.010 χ^2 /NDF: 6.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.009 χ^2 /NDF: 14.4/15

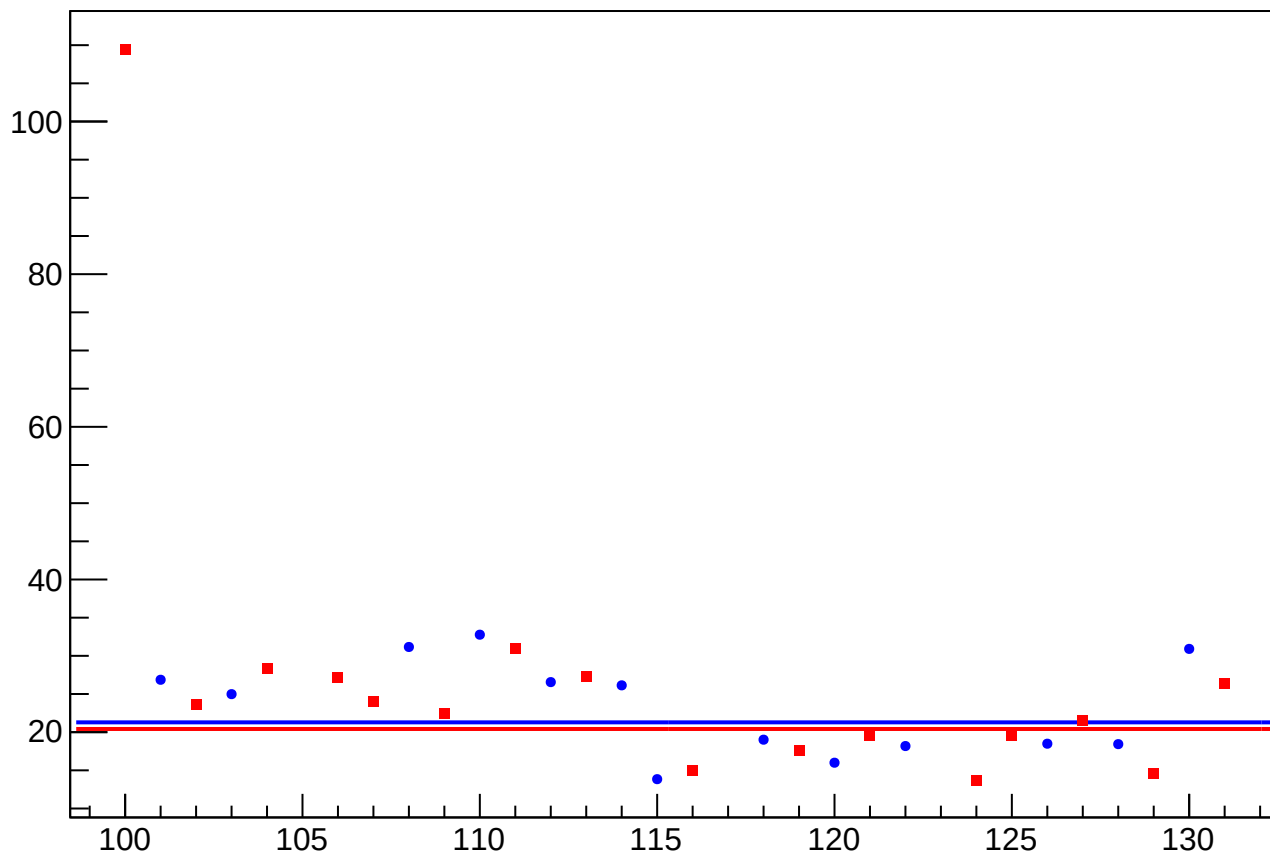
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.006 χ^2 /NDF: 22.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_dit_vs_cor_diff_rms vs Slug



Right In: 21.286+/-0.007 χ^2/NDF : 616679.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.419+/-0.006 χ^2/NDF : 723407.5/15

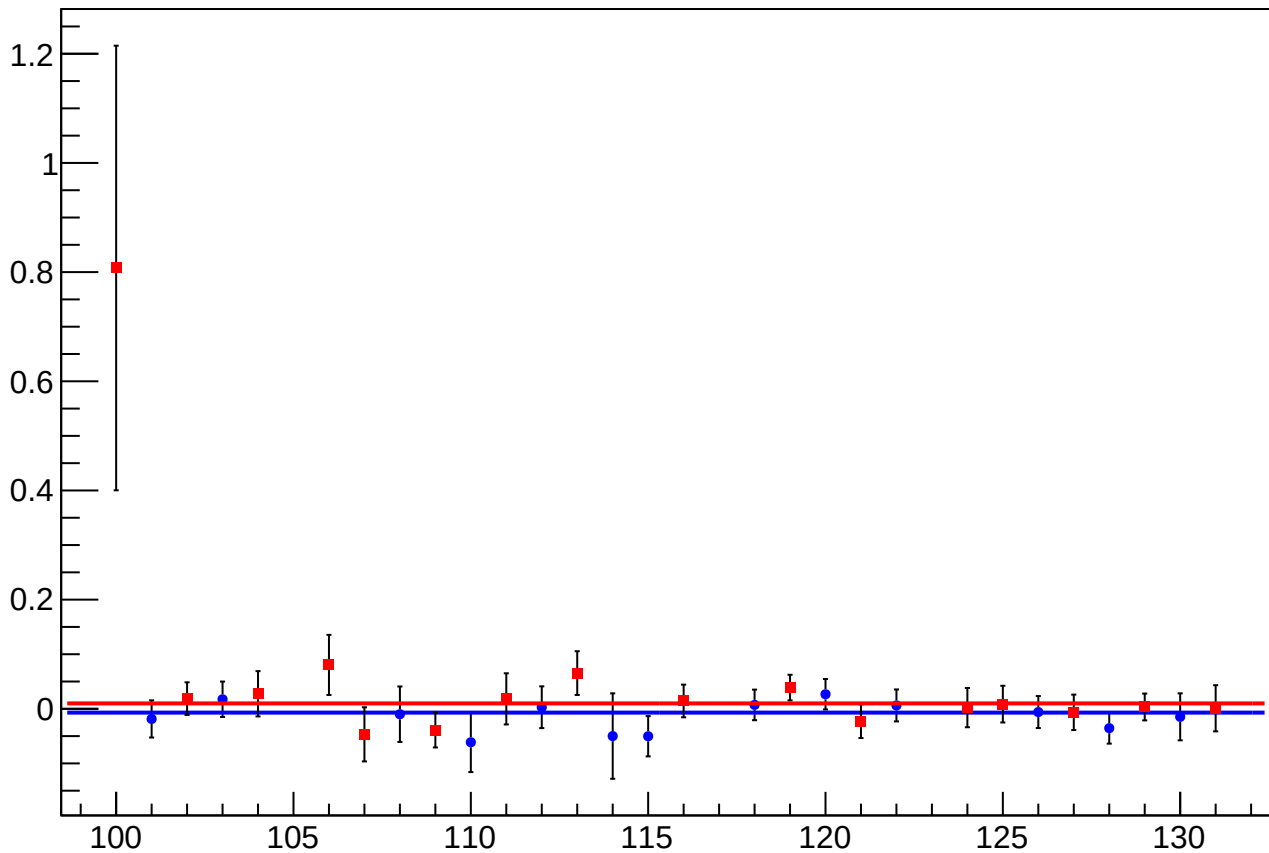
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.807+/-0.005 χ^2/NDF : 1349065.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.007 ± 0.010 χ^2/NDF : 6.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.010 ± 0.009 χ^2/NDF : 14.4/15

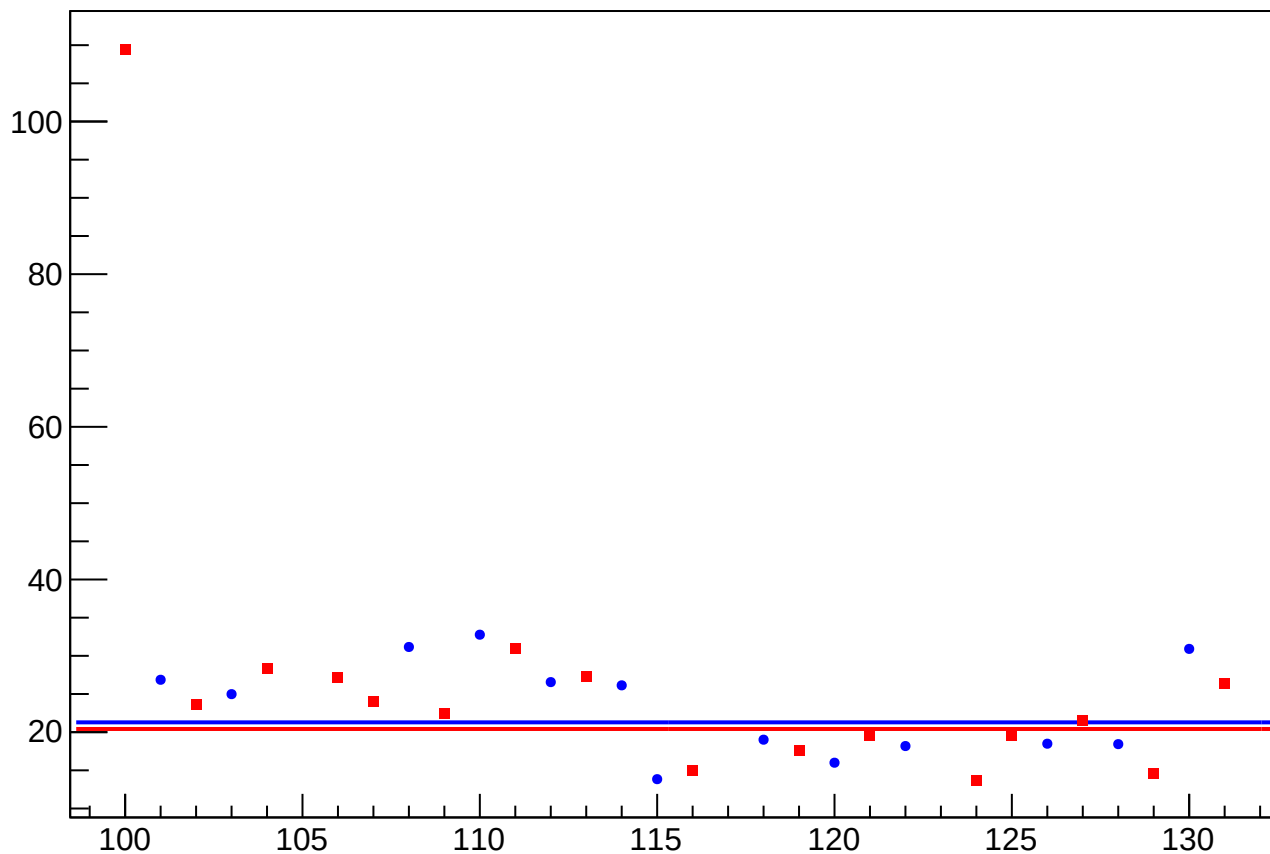
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.006 χ^2/NDF : 22.5/28

- 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: 21.286+/-0.007 χ^2/NDF : 616679.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.419+/-0.006 χ^2/NDF : 723407.5/15

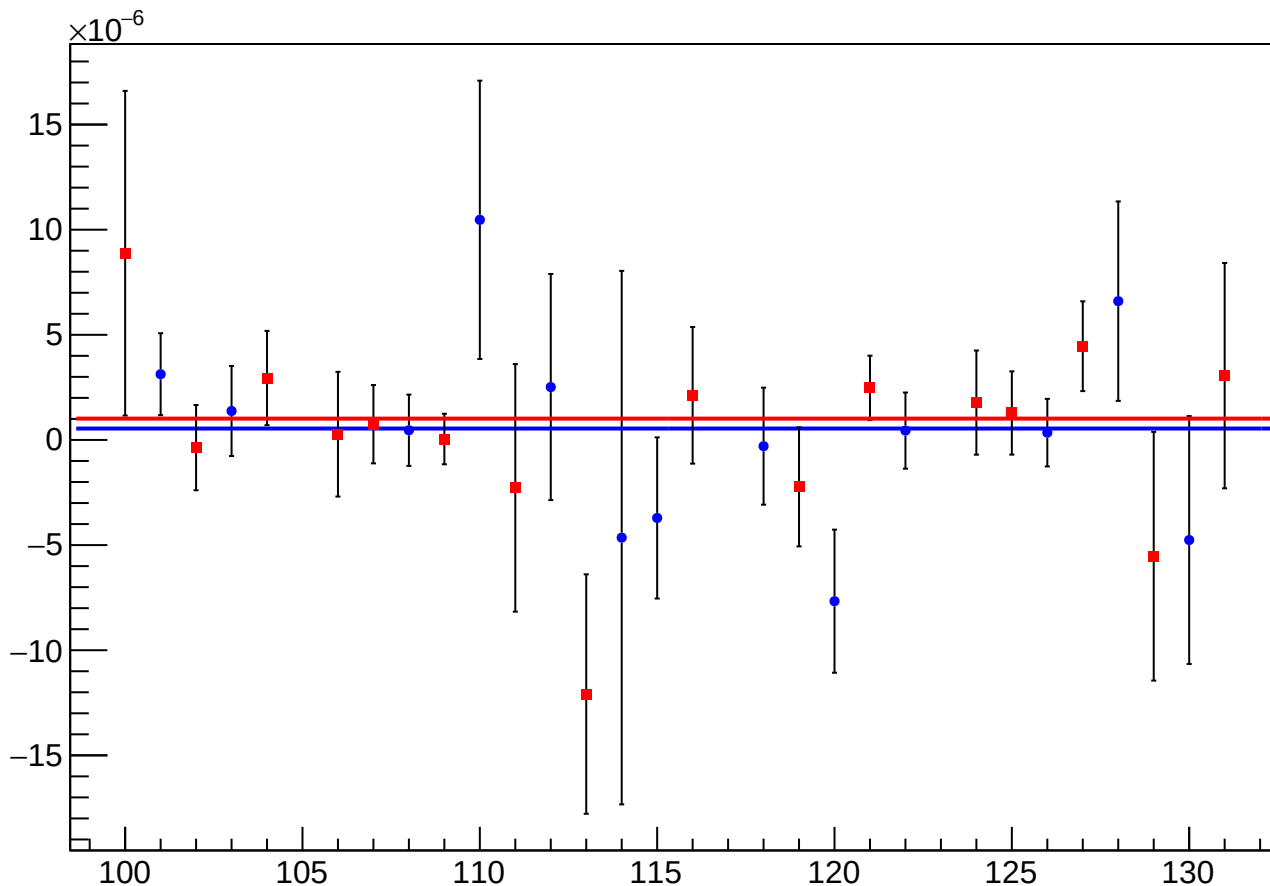
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.807+/-0.005 χ^2/NDF : 1349065.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.1/12

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

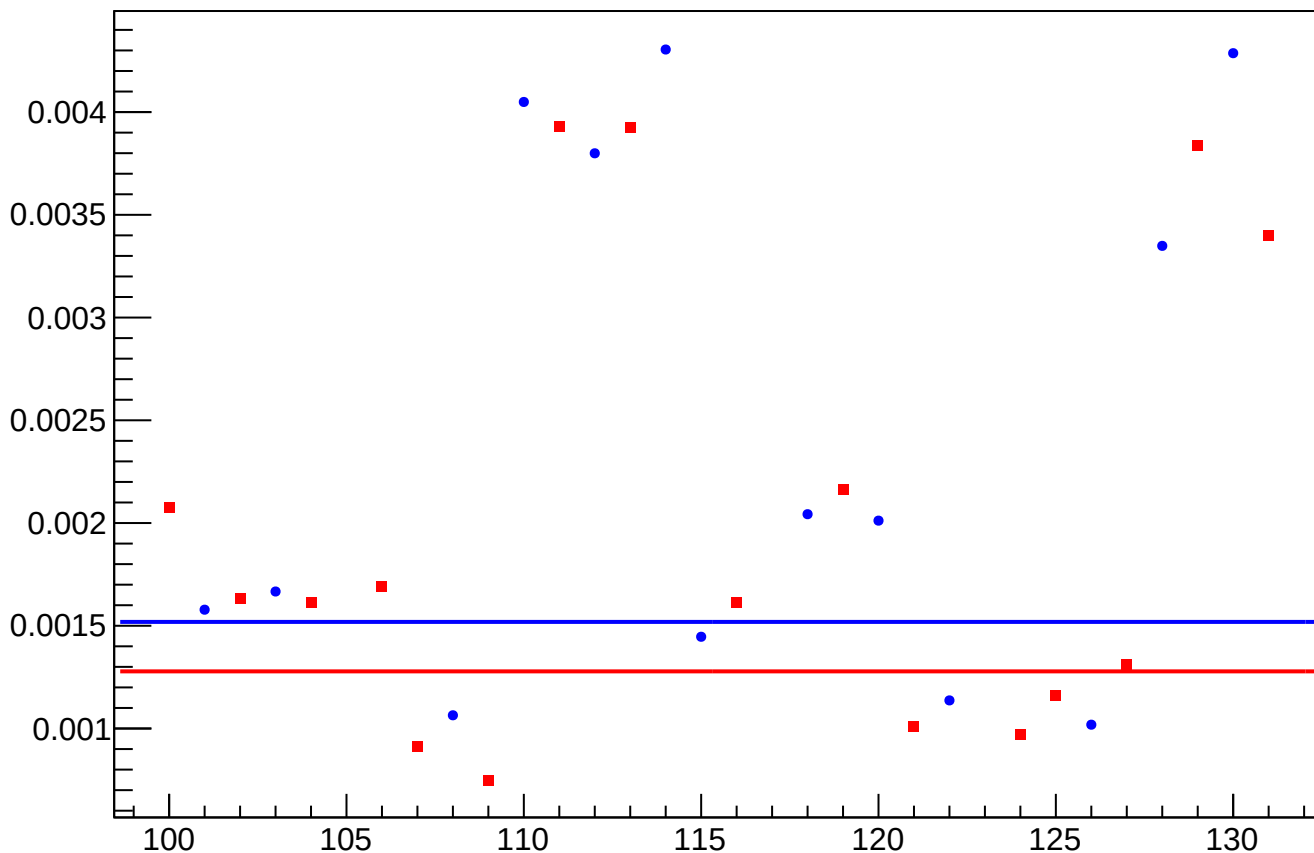
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 29.3/28

- 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 : 2038986.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2476541.3/15

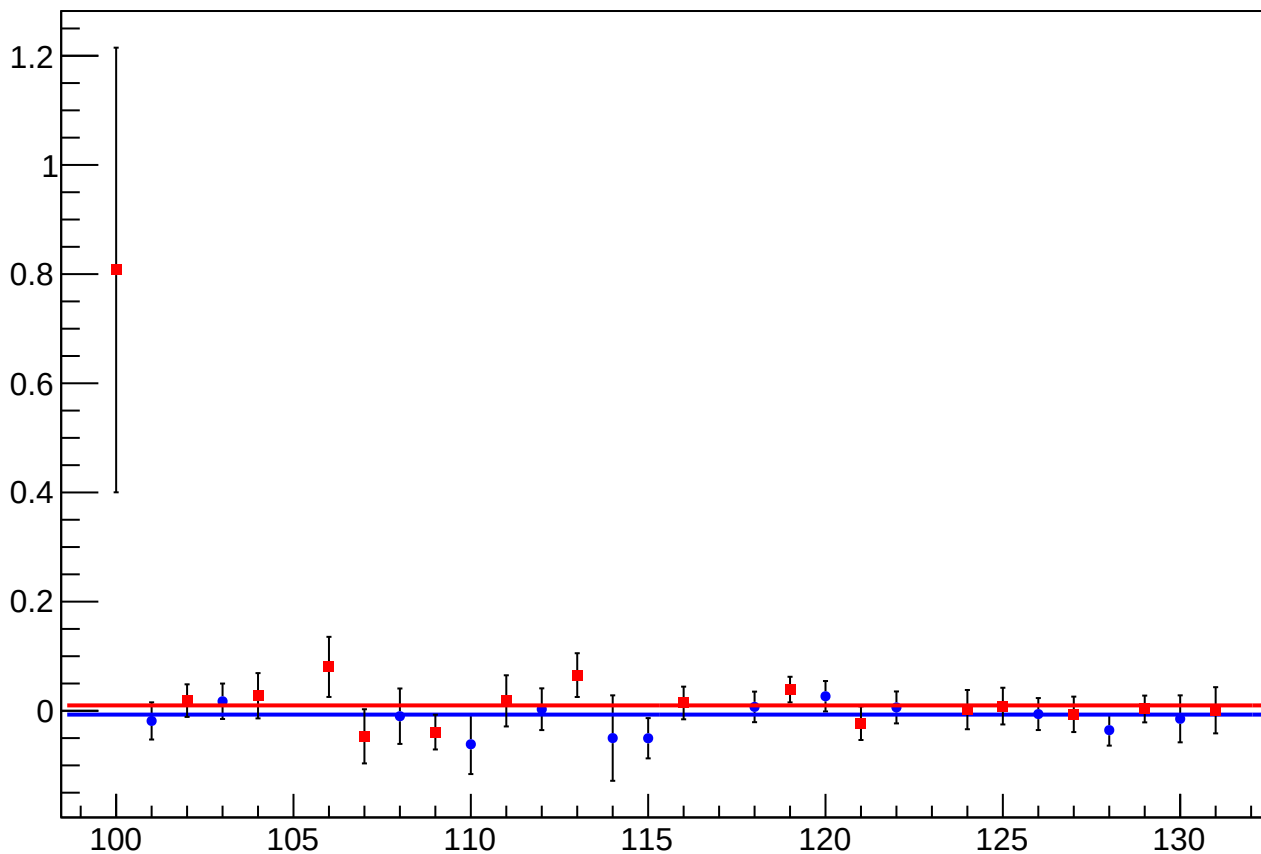
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4651413.0/28

- 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: -0.007 $\pm$ 0.010 χ^2 /NDF: 6.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.009 χ^2 /NDF: 14.4/15

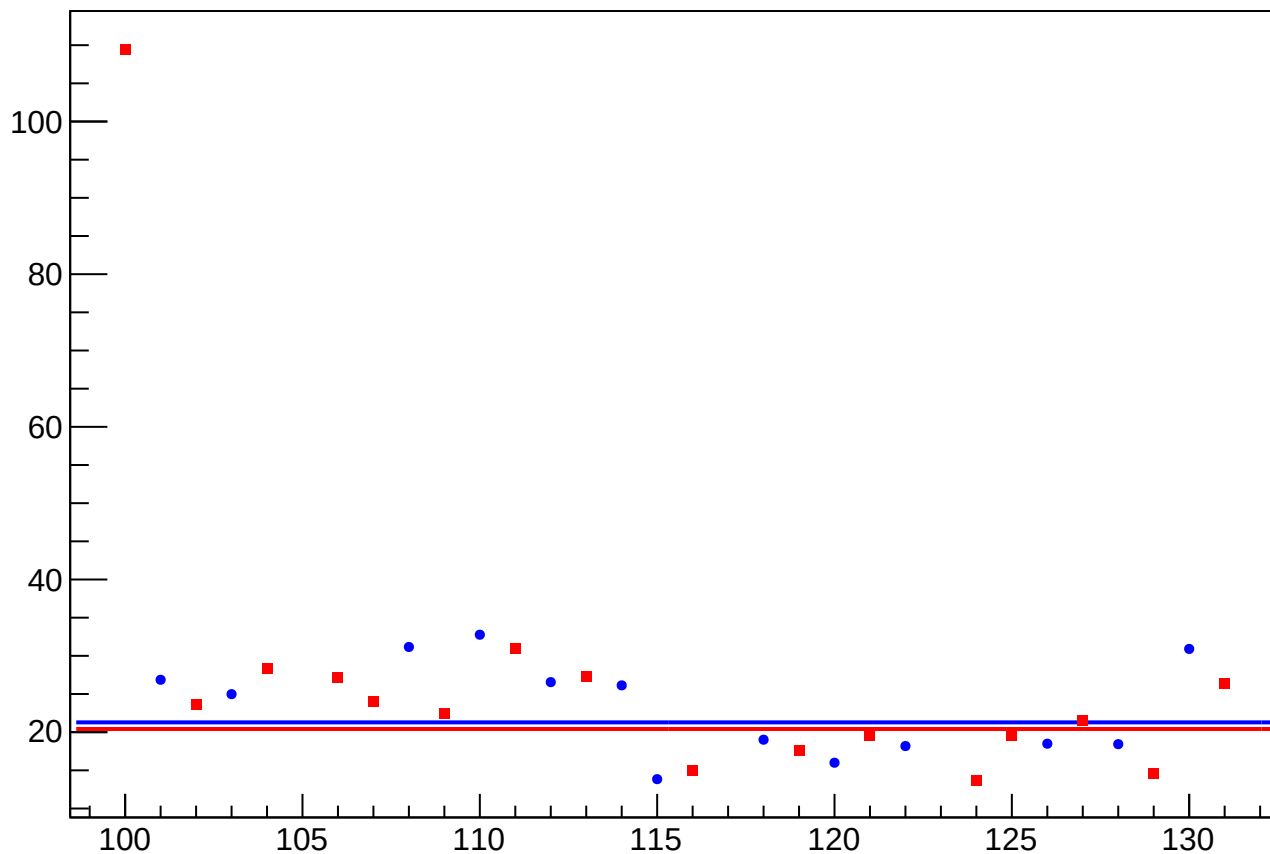
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.006 χ^2 /NDF: 22.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 21.285 ± 0.007 $\chi^2/\text{NDF}: 616594.9/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 20.418 ± 0.006 $\chi^2/\text{NDF}: 723416.8/15$

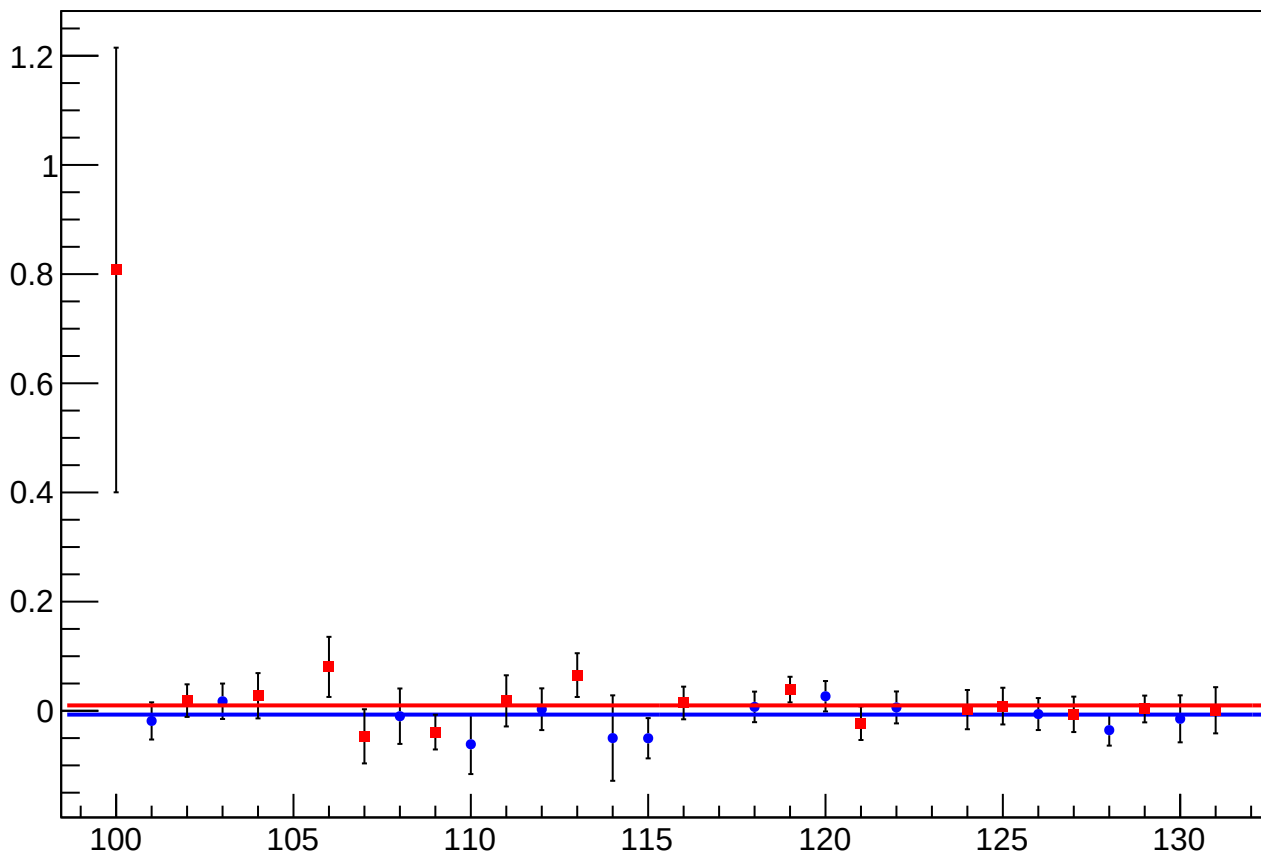
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 20.806 ± 0.005 $\chi^2/\text{NDF}: 1348993.9/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.007 $\pm$ 0.010 χ^2 /NDF: 6.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.009 χ^2 /NDF: 14.4/15

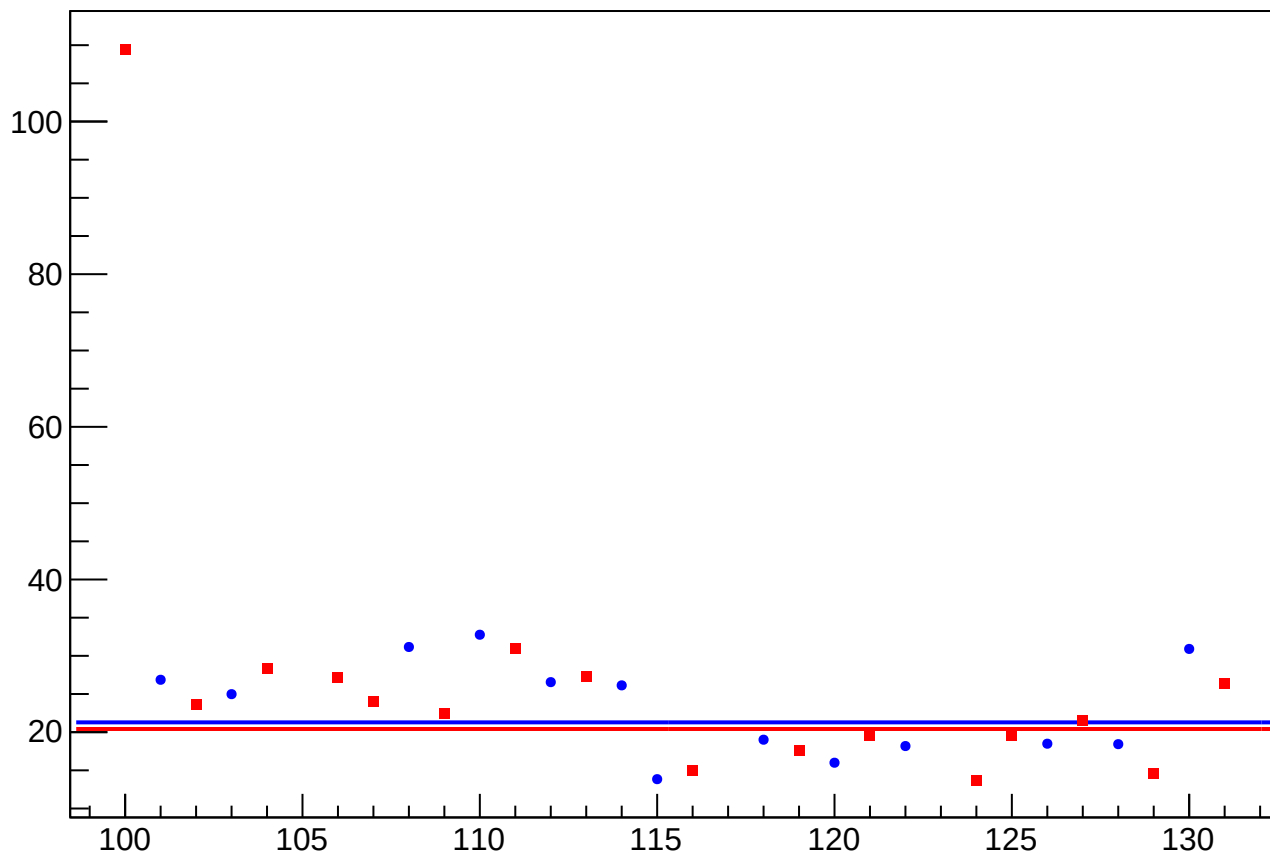
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.006 χ^2 /NDF: 22.5/28

- 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: 21.285+/-0.007 χ^2/NDF : 616594.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.418+/-0.006 χ^2/NDF : 723416.8/15

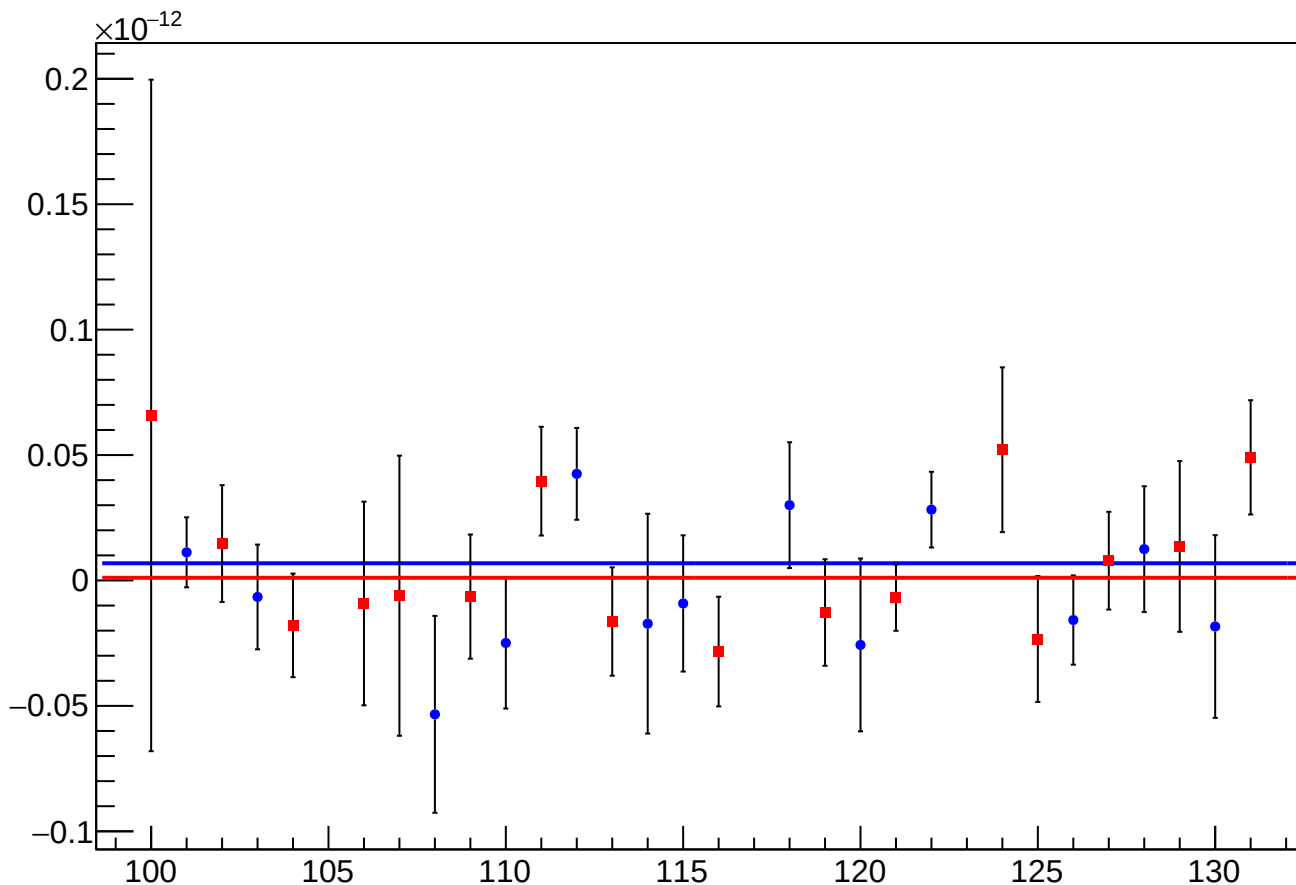
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.806+/-0.005 χ^2/NDF : 1348993.9/28

- 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: 14.7/12

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

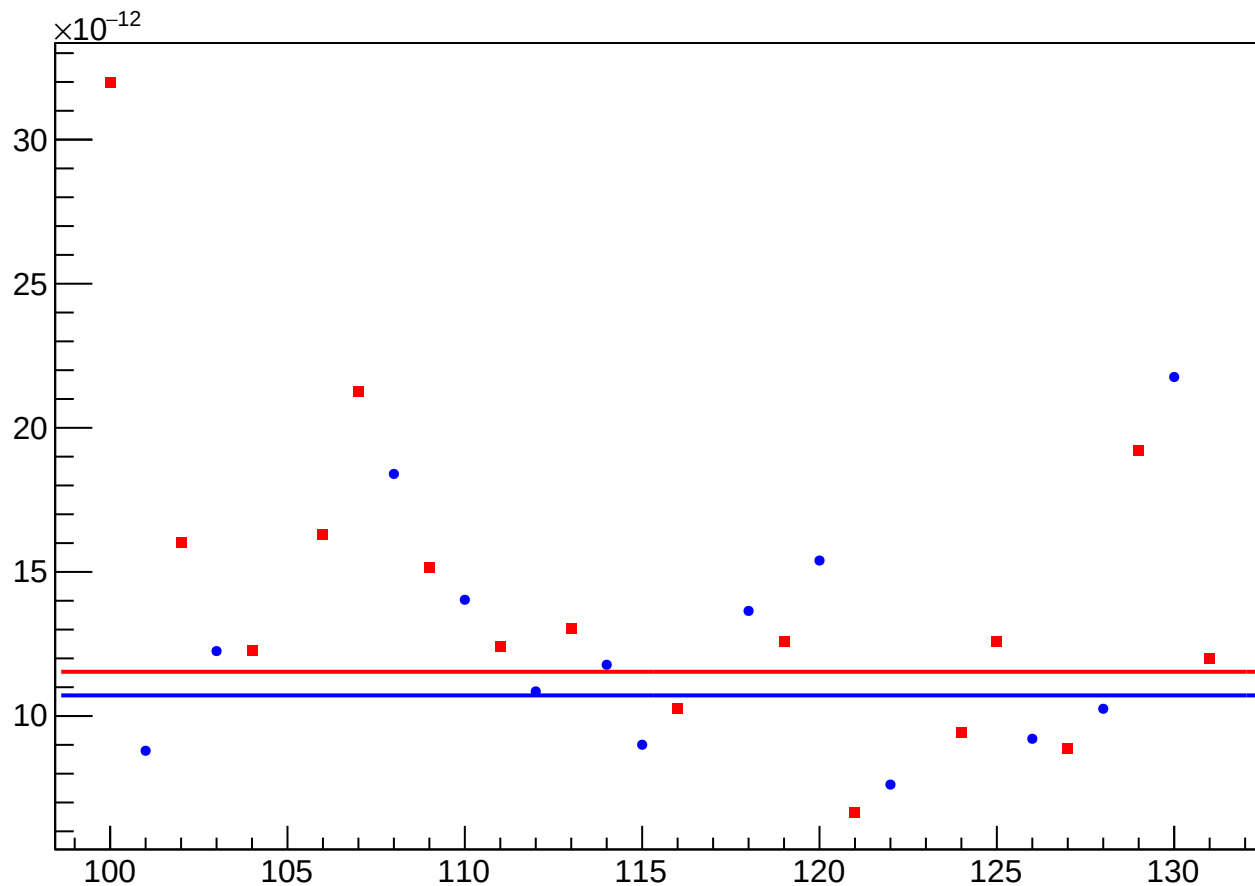
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 31.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 514252.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 704623.5/15

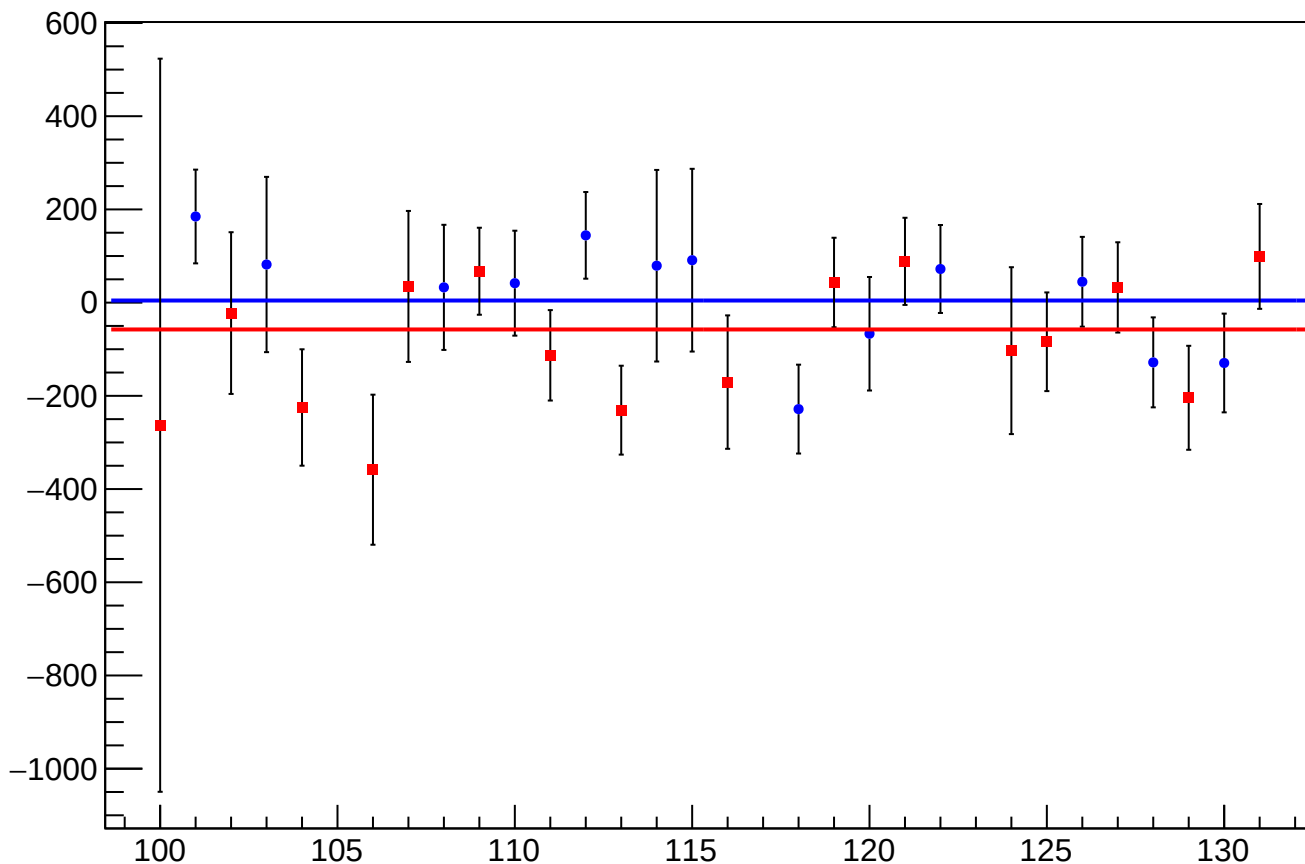
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1237630.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_mean vs Slug



Right In: 4.525+/-31.300 χ^2/NDF : 16.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -57.582+/-29.302 χ^2/NDF : 20.0/15

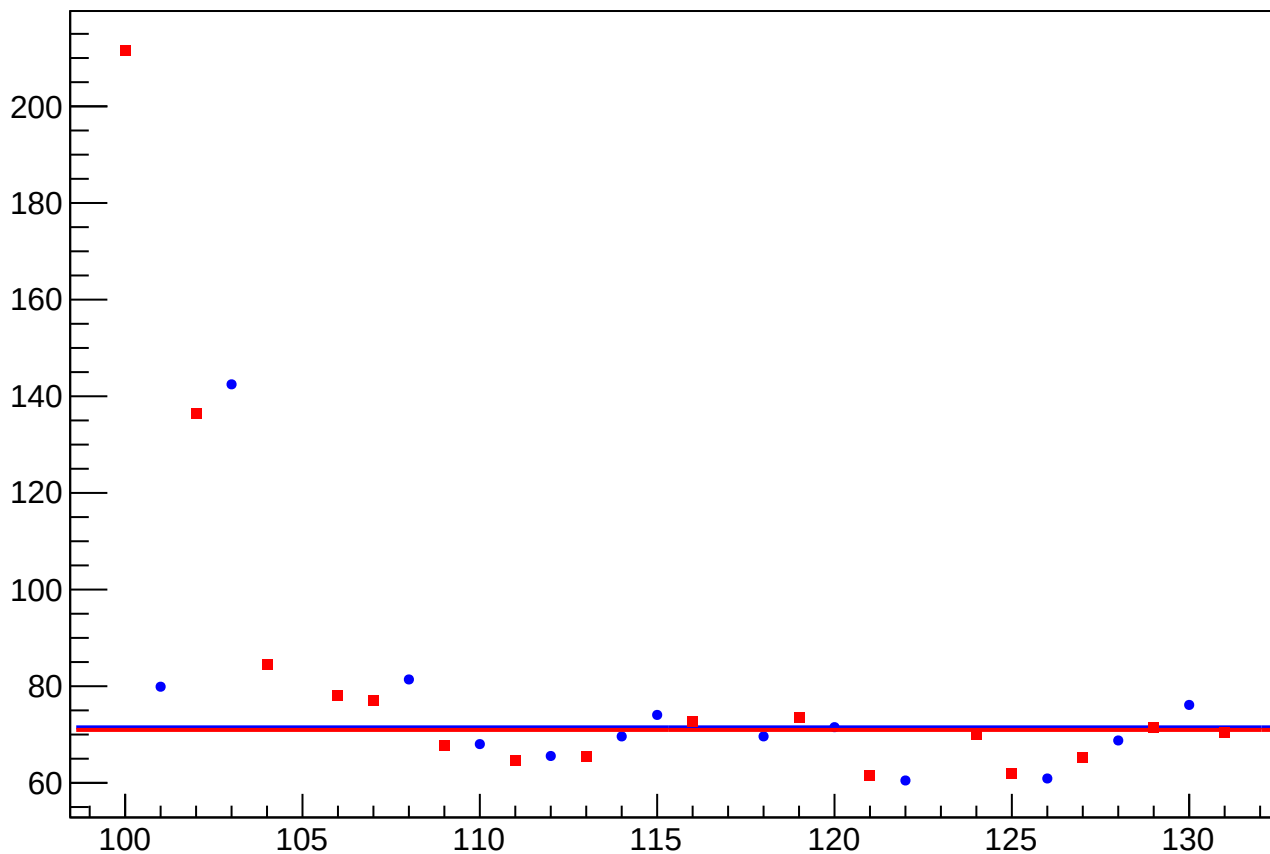
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.574+/-21.391 χ^2/NDF : 38.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_rms vs Slug



Right In: 71.487+/-0.022 χ^2/NDF : 377859.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.957+/-0.021 χ^2/NDF : 440069.6/15

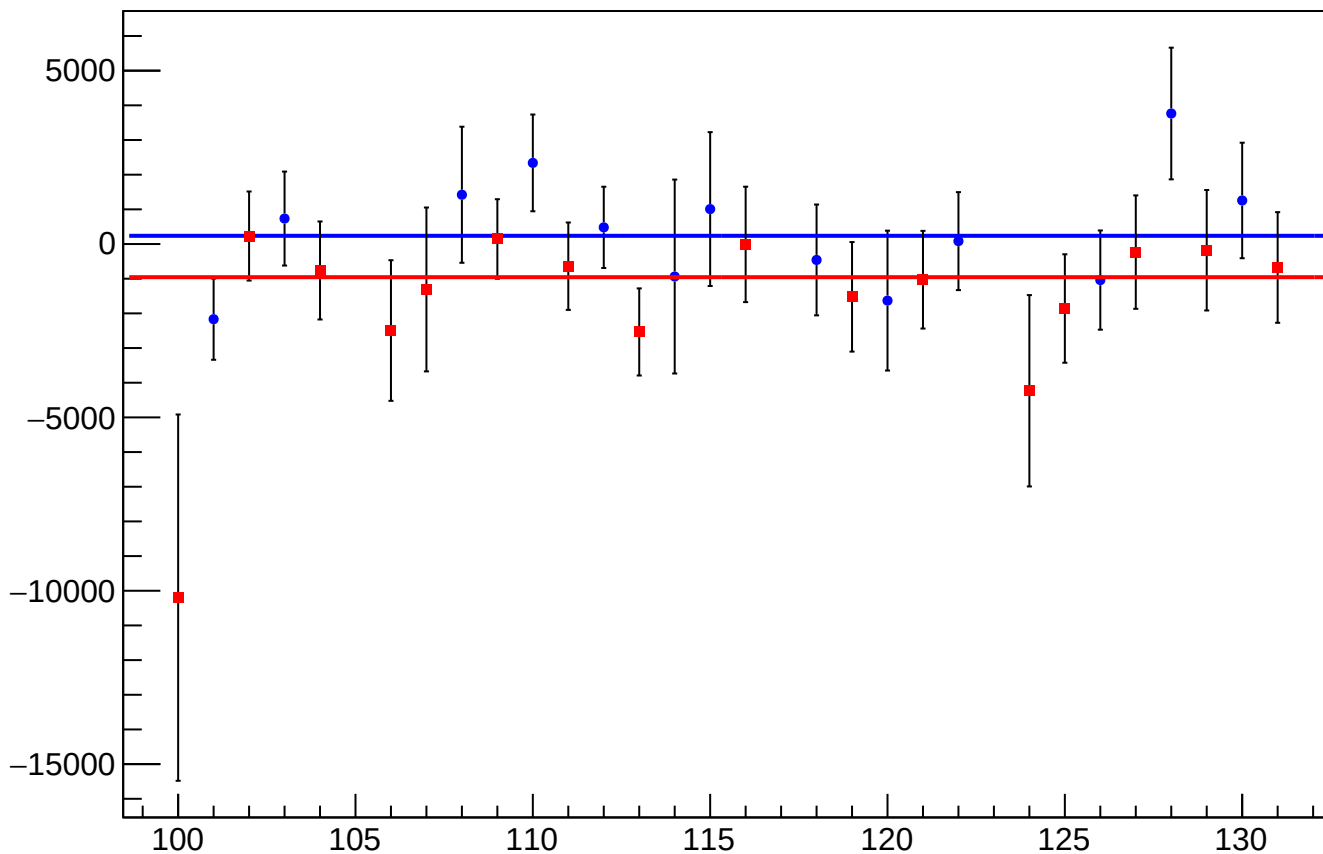
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.204+/-0.015 χ^2/NDF : 818234.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_reg_correction_mean vs Slug



Right In: 237.383+/-431.477 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -956.127+/-392.459 χ^2/NDF : 9.7/15

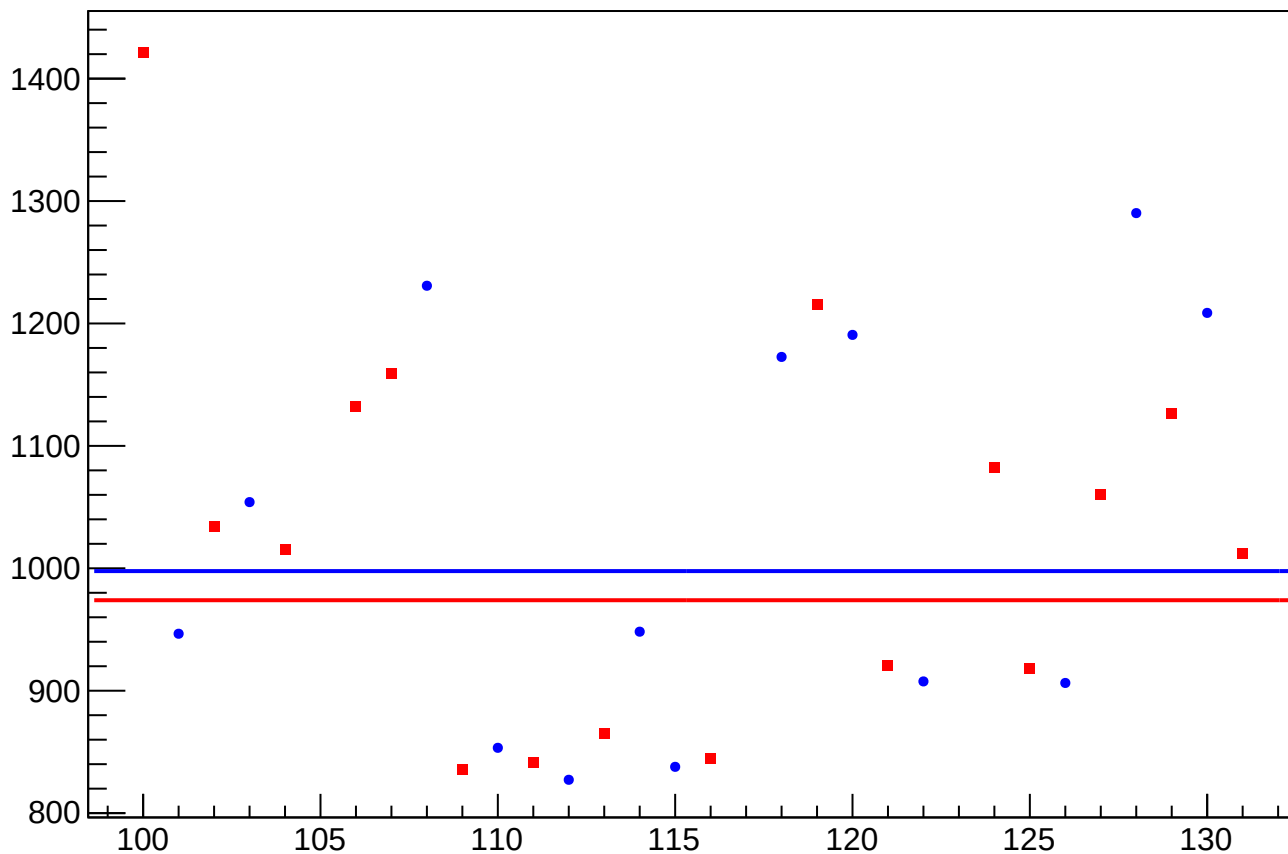
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -415.765+/-290.327 χ^2/NDF : 26.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_reg_correction_rms vs Slug



Right In: 997.723+/-0.305 χ^2/NDF : 248325.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 973.926+/-0.278 χ^2/NDF : 200688.8/15

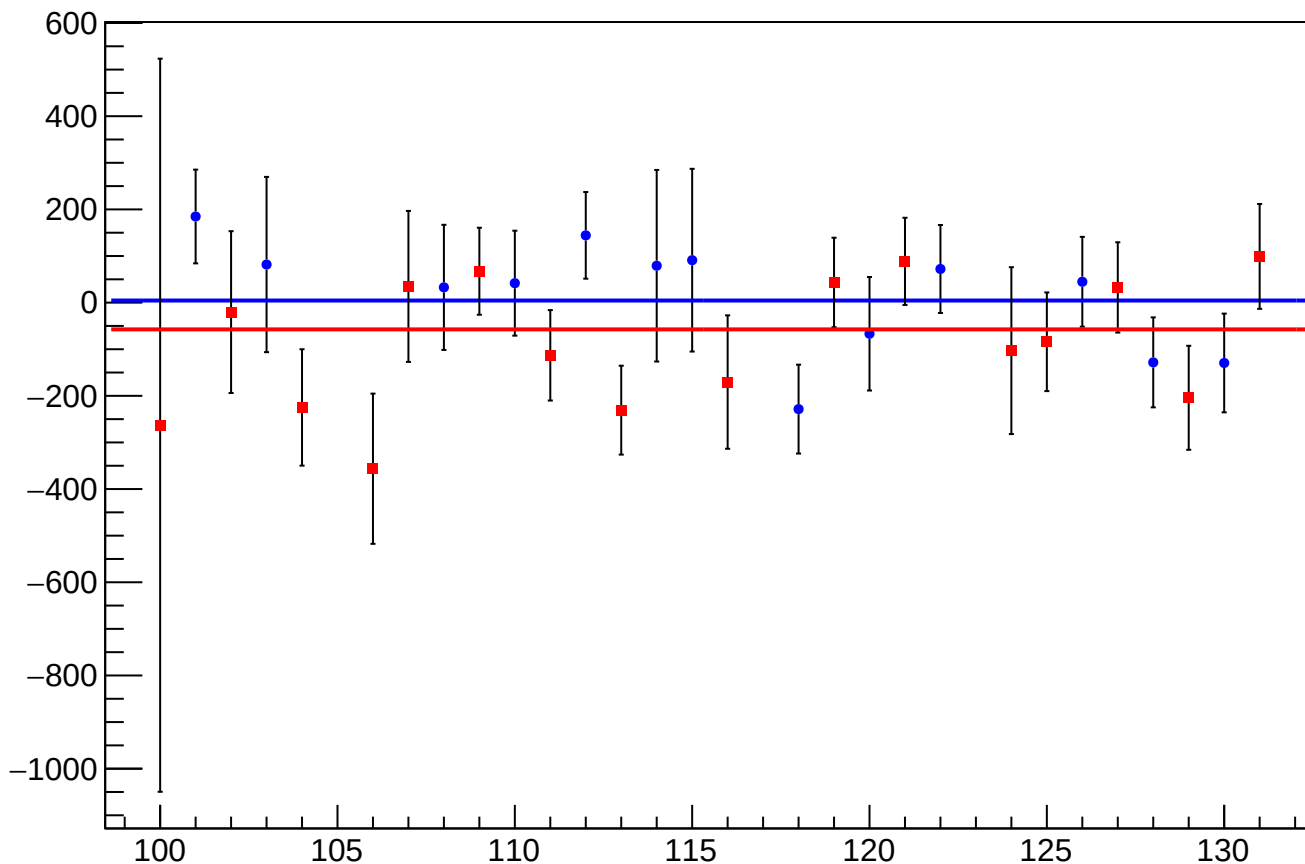
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 984.700+/-0.205 χ^2/NDF : 452343.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_12345678_avg_mean vs Slug



Right In: 4.517+/-31.300 χ^2/NDF : 16.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -57.428+/-29.304 χ^2/NDF : 19.9/15

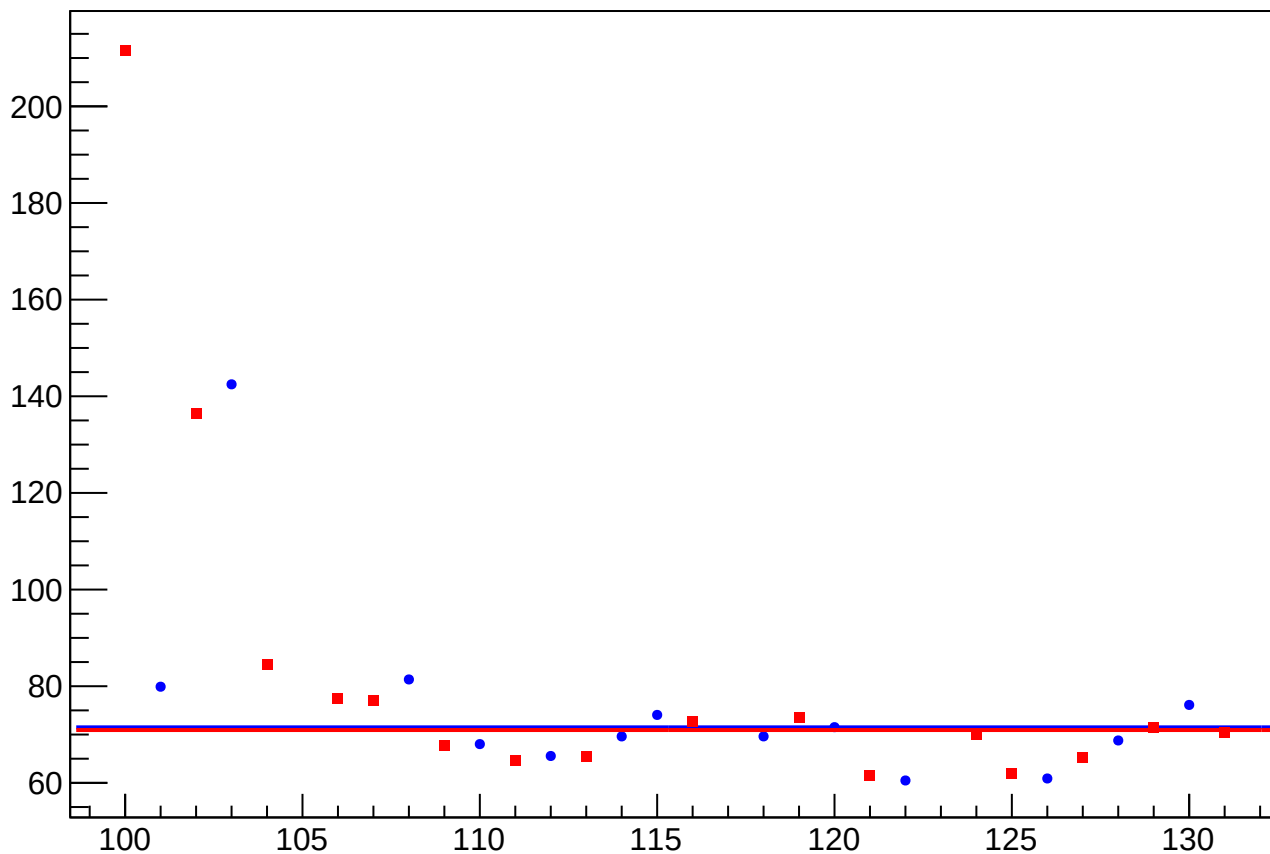
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.494+/-21.392 χ^2/NDF : 38.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_12345678_avg_rms vs Slug



Right In: 71.487+/-0.022 χ^2/NDF : 377862.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.933+/-0.021 χ^2/NDF : 439602.0/15

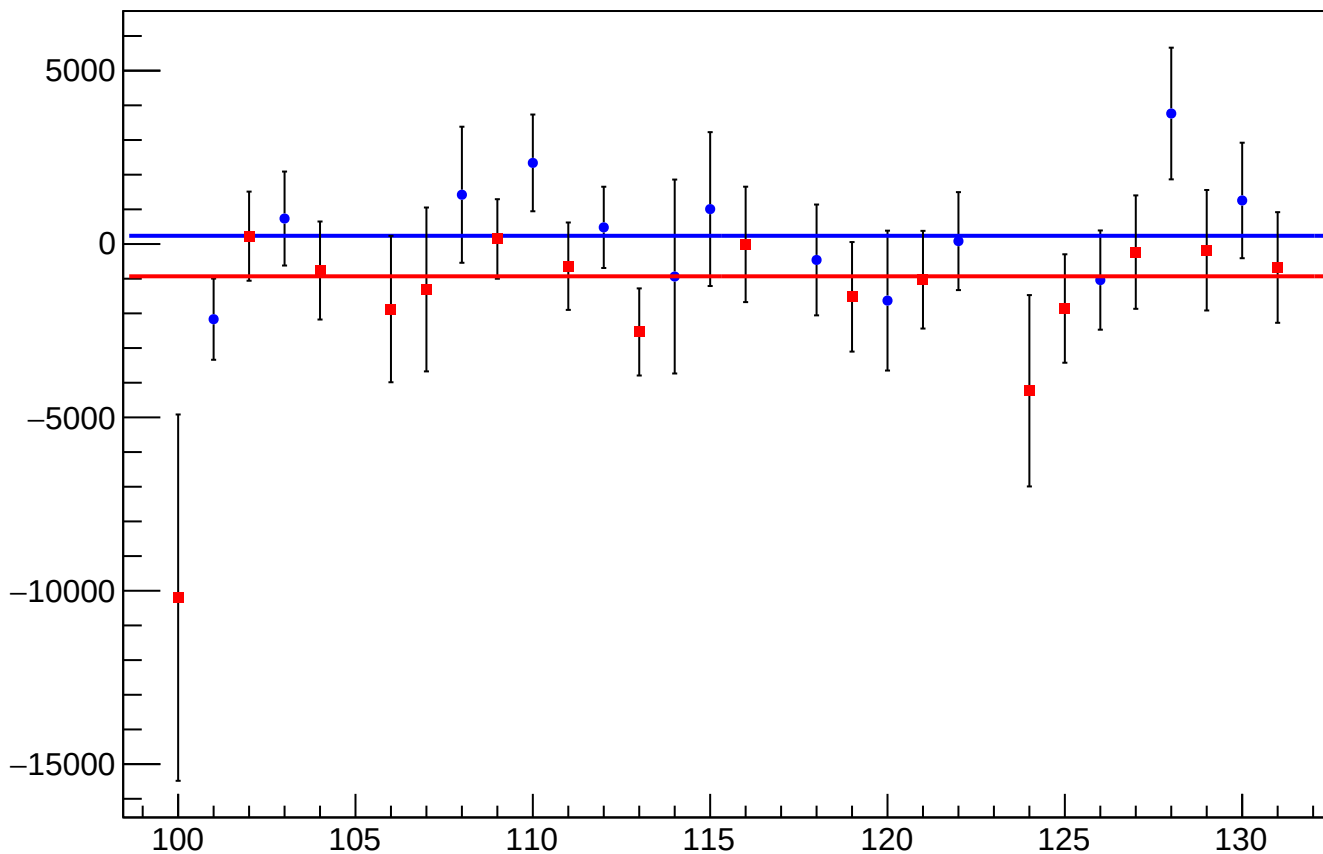
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.192+/-0.015 χ^2/NDF : 817797.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_cor_correction_mean vs Slug



Right In: 237.433+/-431.481 χ^2/NDF : 13.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -930.806+/-393.058 χ^2/NDF : 9.3/15

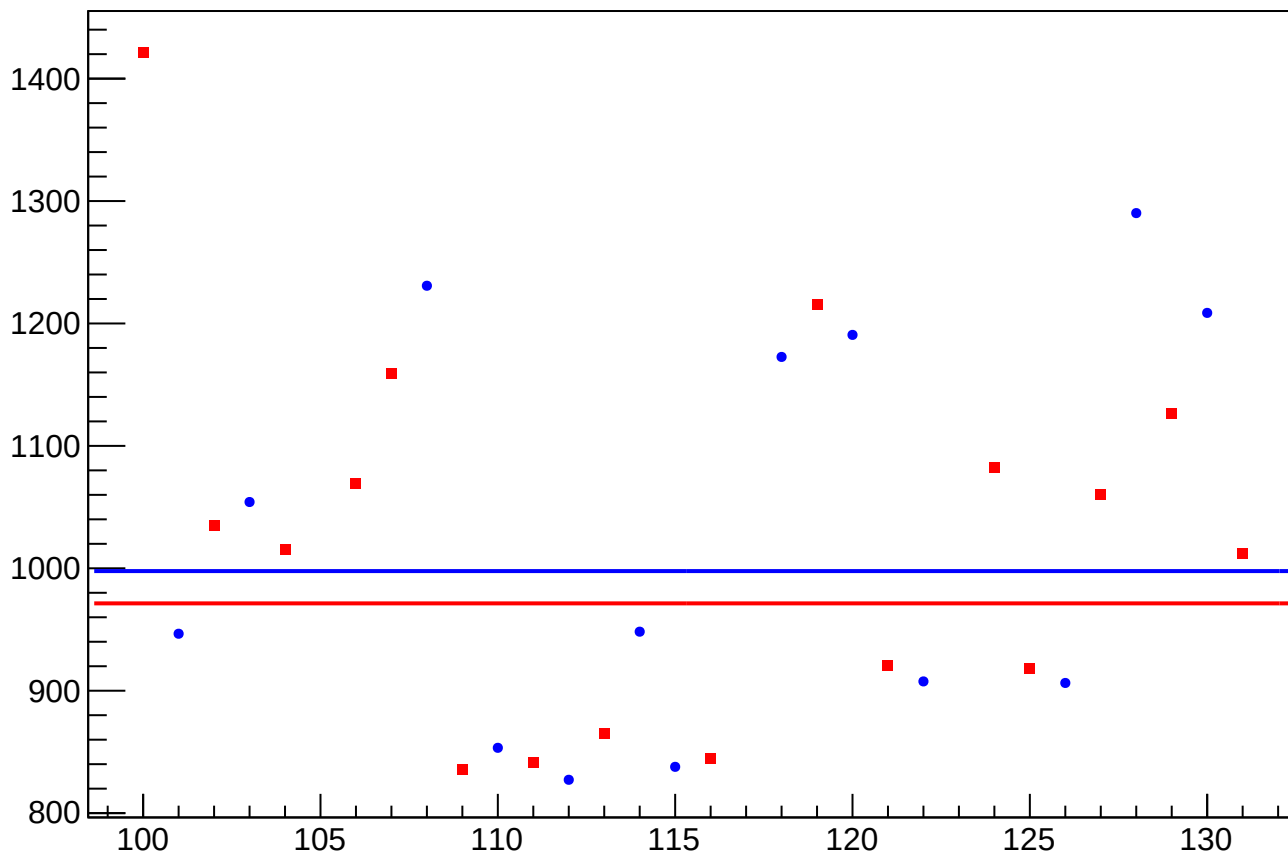
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -401.007+/-290.570 χ^2/NDF : 26.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_cor_correction_rms vs Slug



Right In: 997.731+/-0.305 χ^2/NDF : 248335.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 971.355+/-0.278 χ^2/NDF : 192633.2/15

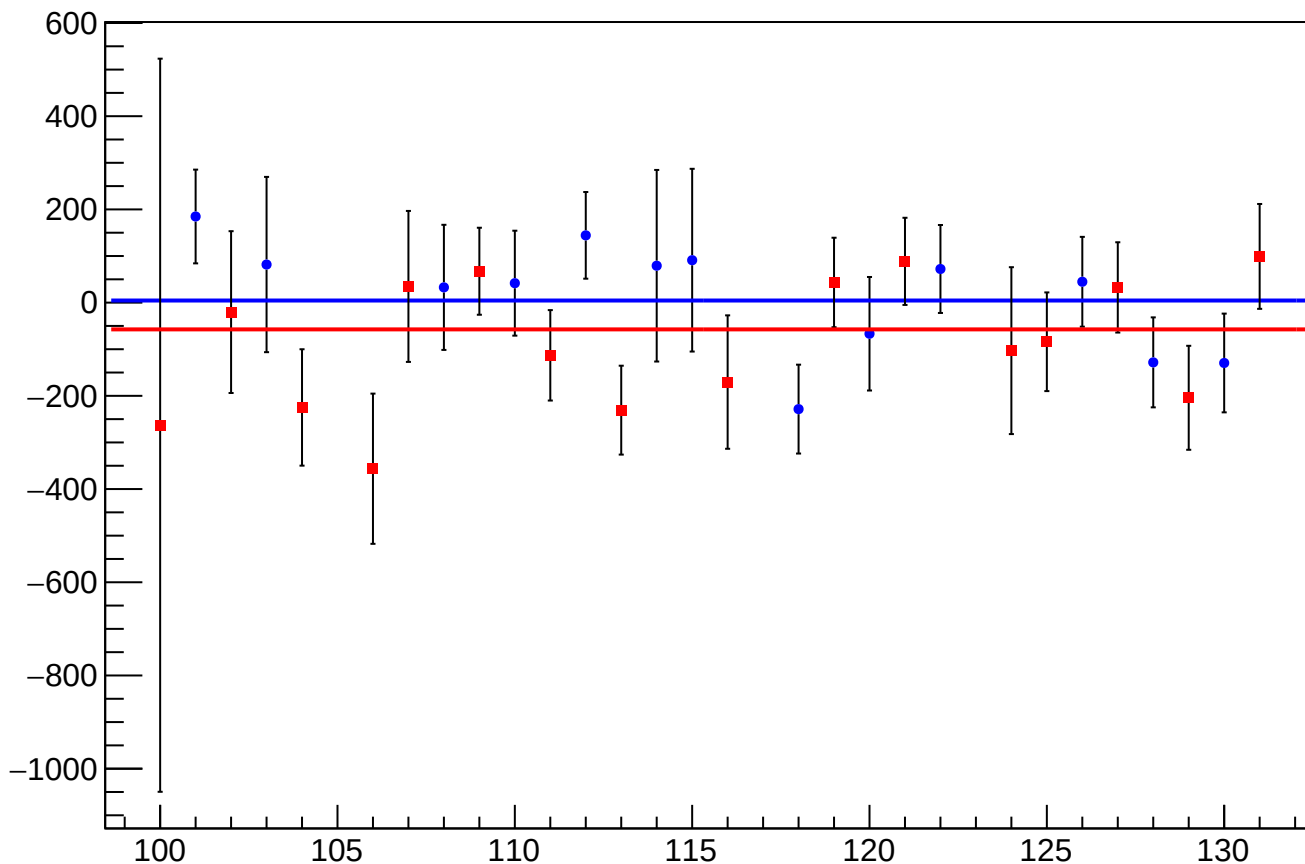
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 983.316+/-0.205 χ^2/NDF : 445052.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_12345678_avg_mean vs Slug



Right In: 4.517+/-31.300 χ^2 /NDF: 16.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -57.428+/-29.304 χ^2 /NDF: 19.9/15

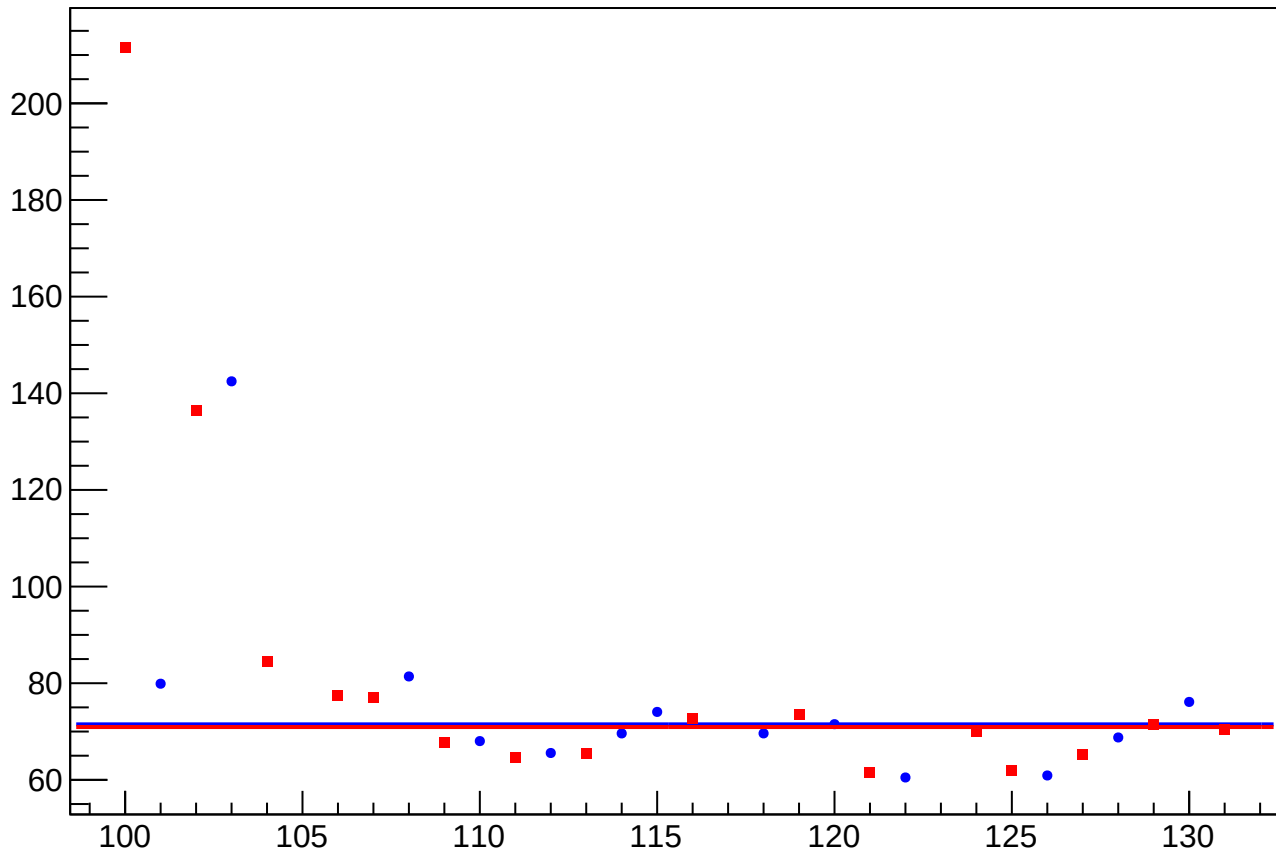
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -28.494+/-21.392 χ^2 /NDF: 38.6/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_12345678_avg_rms vs Slug



Right In: 71.487+/-0.022 χ^2/NDF : 377862.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.933+/-0.021 χ^2/NDF : 439602.0/15

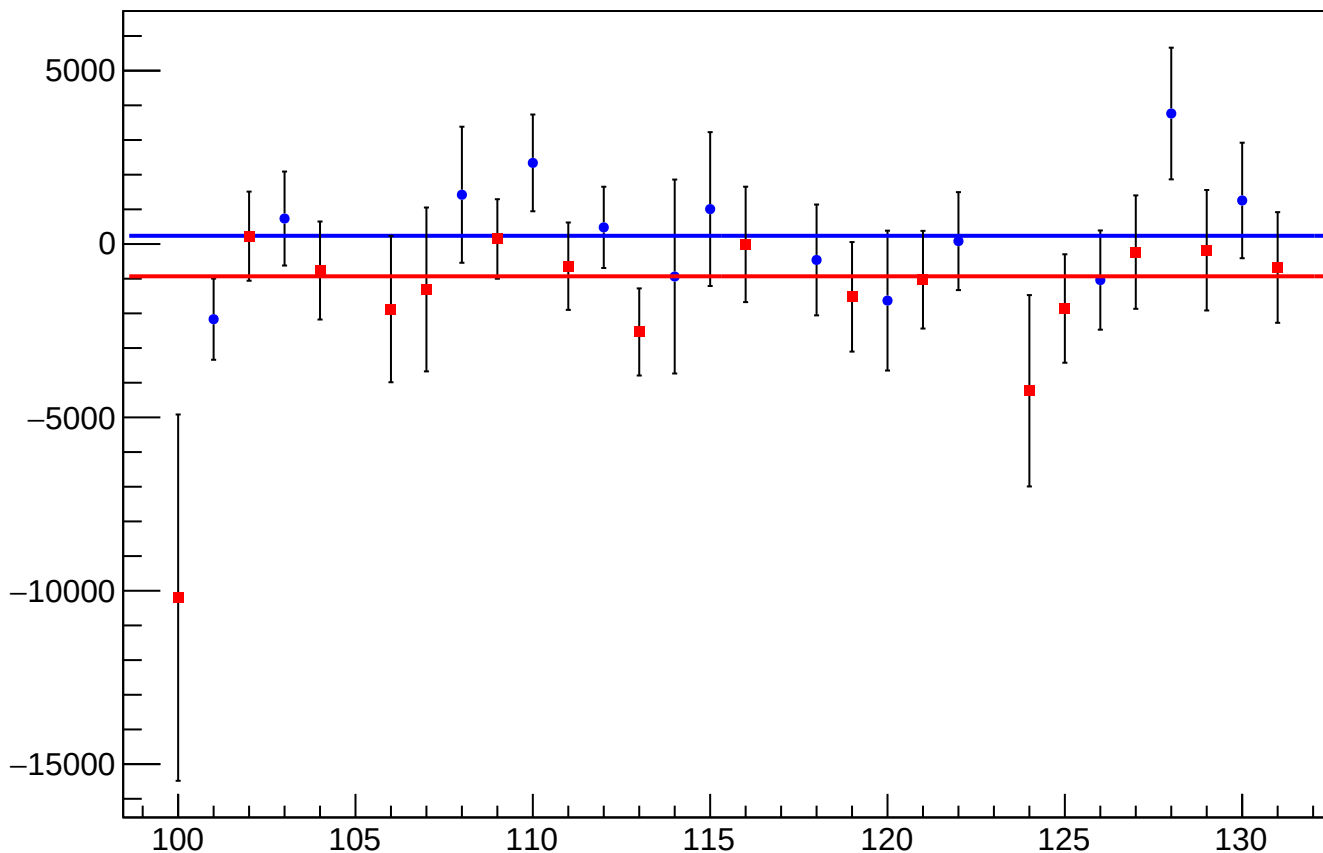
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.192+/-0.015 χ^2/NDF : 817797.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_eigen_cor_correction_mean vs Slug



Right In: 237.433 $\pm$ 431.481 χ^2 /NDF: 13.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -930.806 $\pm$ 393.058 χ^2 /NDF: 9.3/15

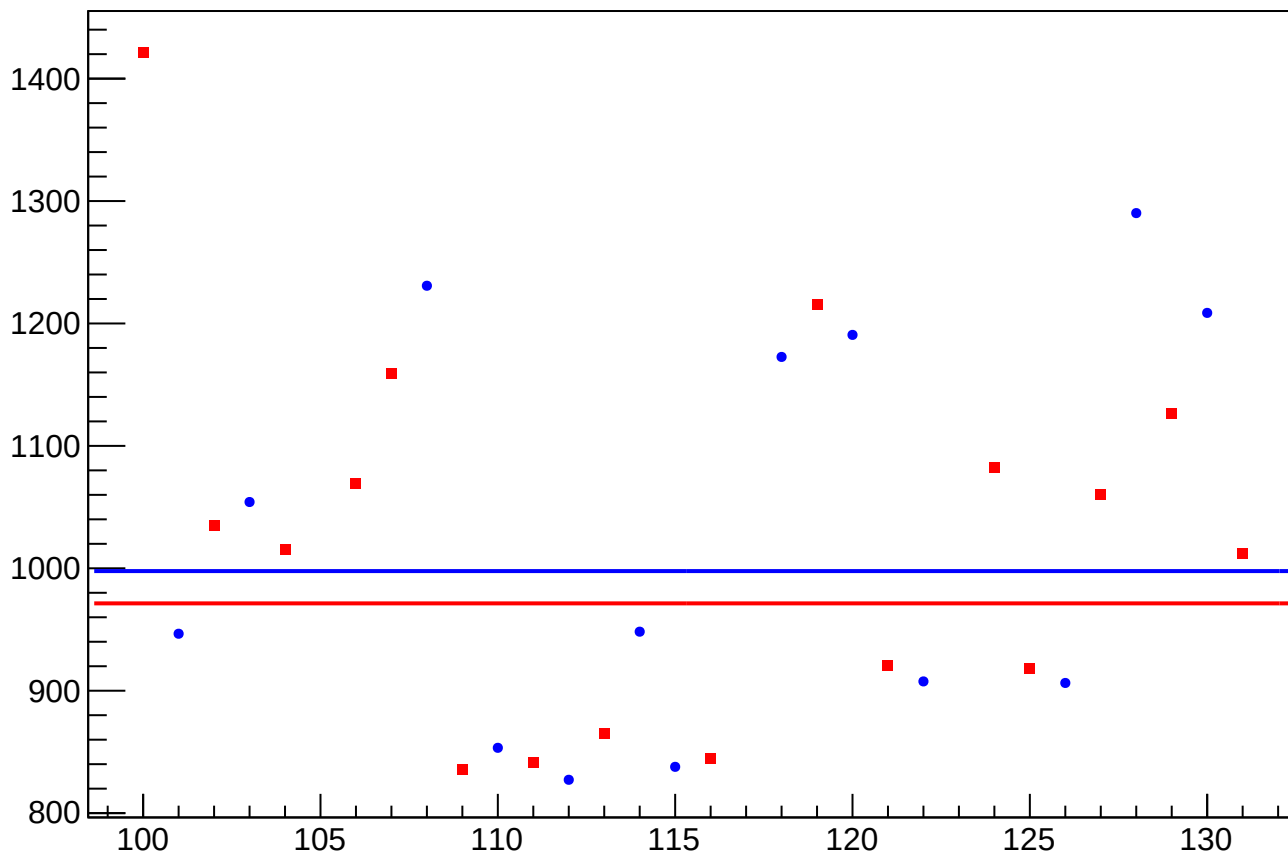
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -401.007 $\pm$ 290.570 χ^2 /NDF: 26.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_cor_correction_rms vs Slug



Right In: 997.731+/-0.305 χ^2/NDF : 248335.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 971.355+/-0.278 χ^2/NDF : 192633.2/15

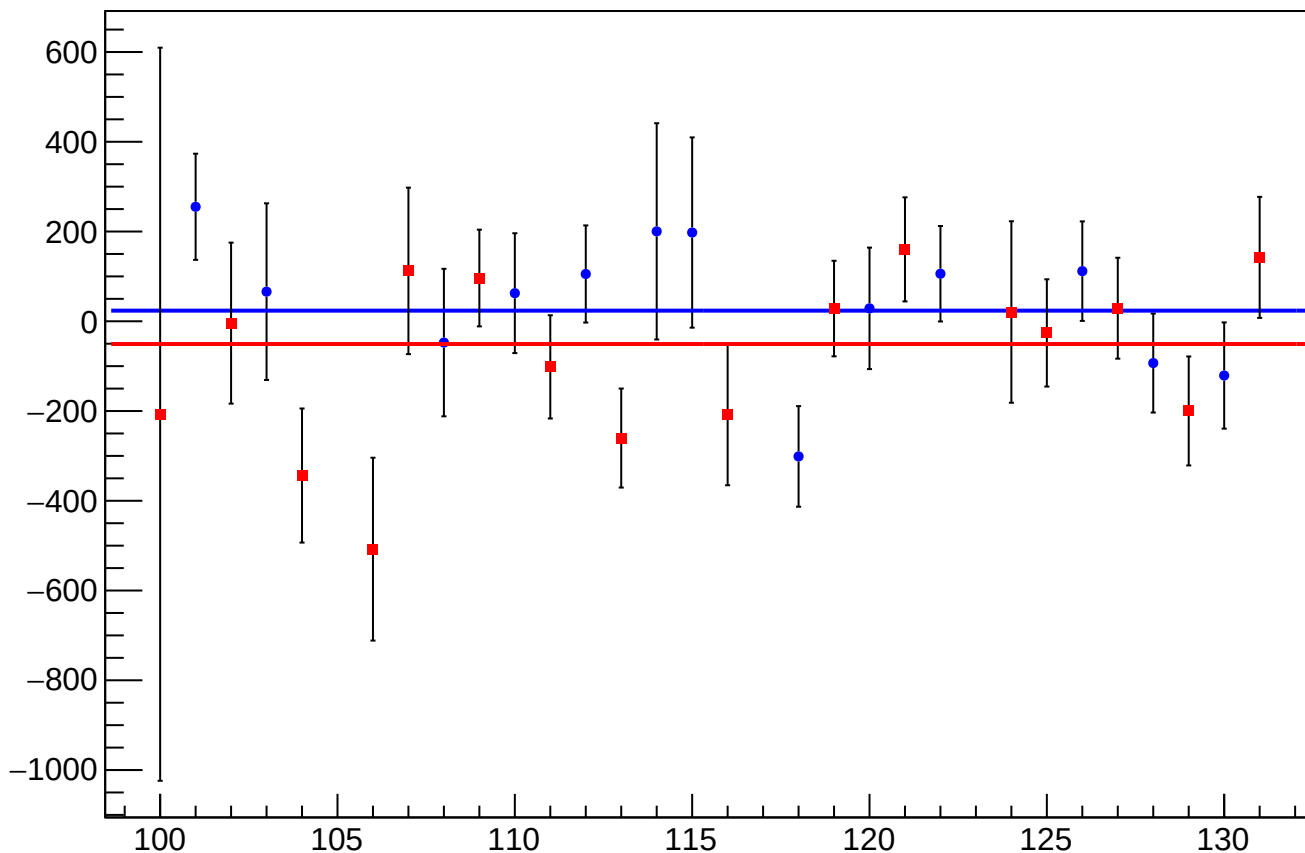
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 983.316+/-0.205 χ^2/NDF : 445052.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_12345678_avg_mean vs Slug



Right In: 23.697+/-35.976 χ^2/NDF : 18.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -50.686+/-33.829 χ^2/NDF : 24.5/15

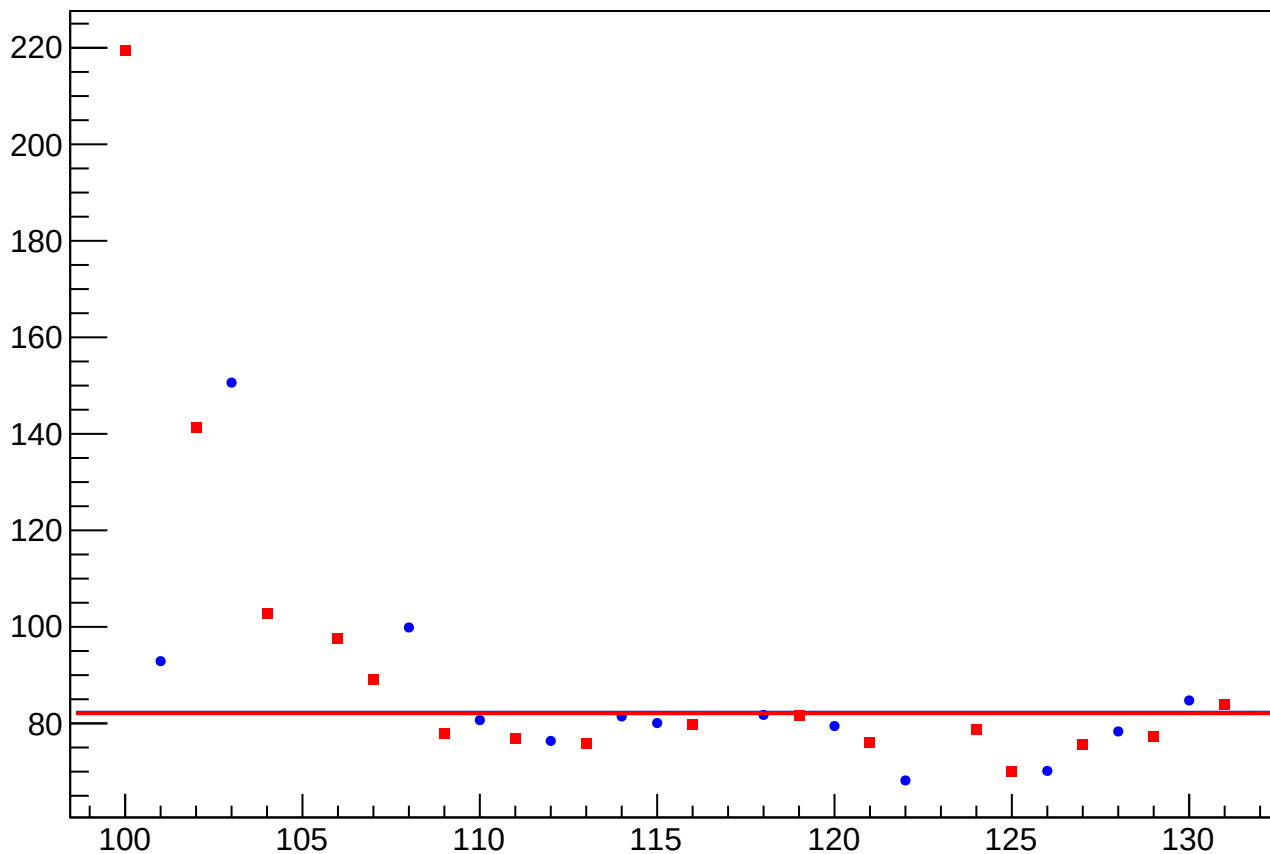
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.780+/-24.645 χ^2/NDF : 44.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_12345678_avg_rms vs Slug



Right In: 82.202 $\pm$ 0.025 χ^2 /NDF: 350028.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 82.101 $\pm$ 0.024 χ^2 /NDF: 377635.7/15

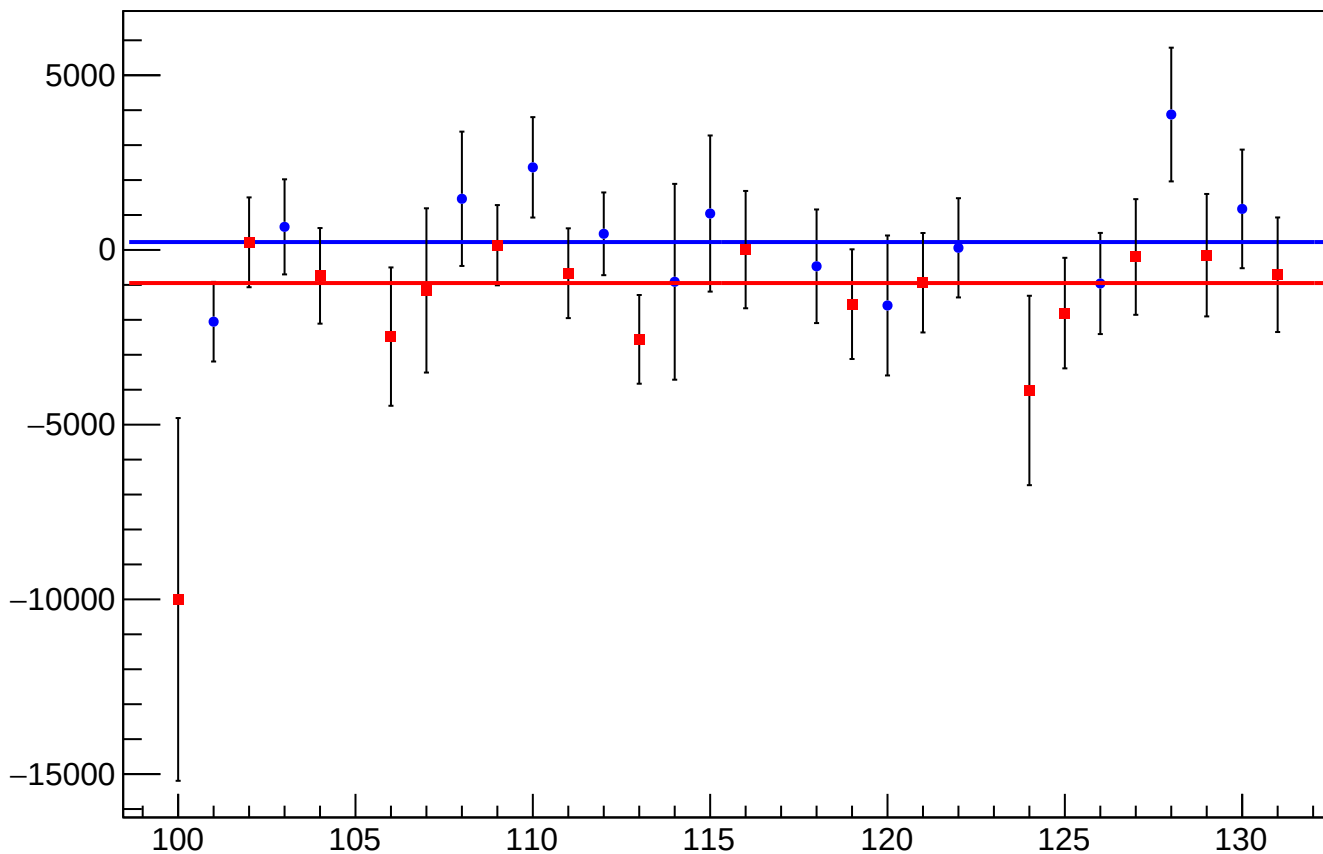
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 82.148 $\pm$ 0.017 χ^2 /NDF: 727672.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_dit_correction_mean vs Slug



Right In: 225.933+/-433.223 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -947.294+/-393.724 χ^2/NDF : 9.5/15

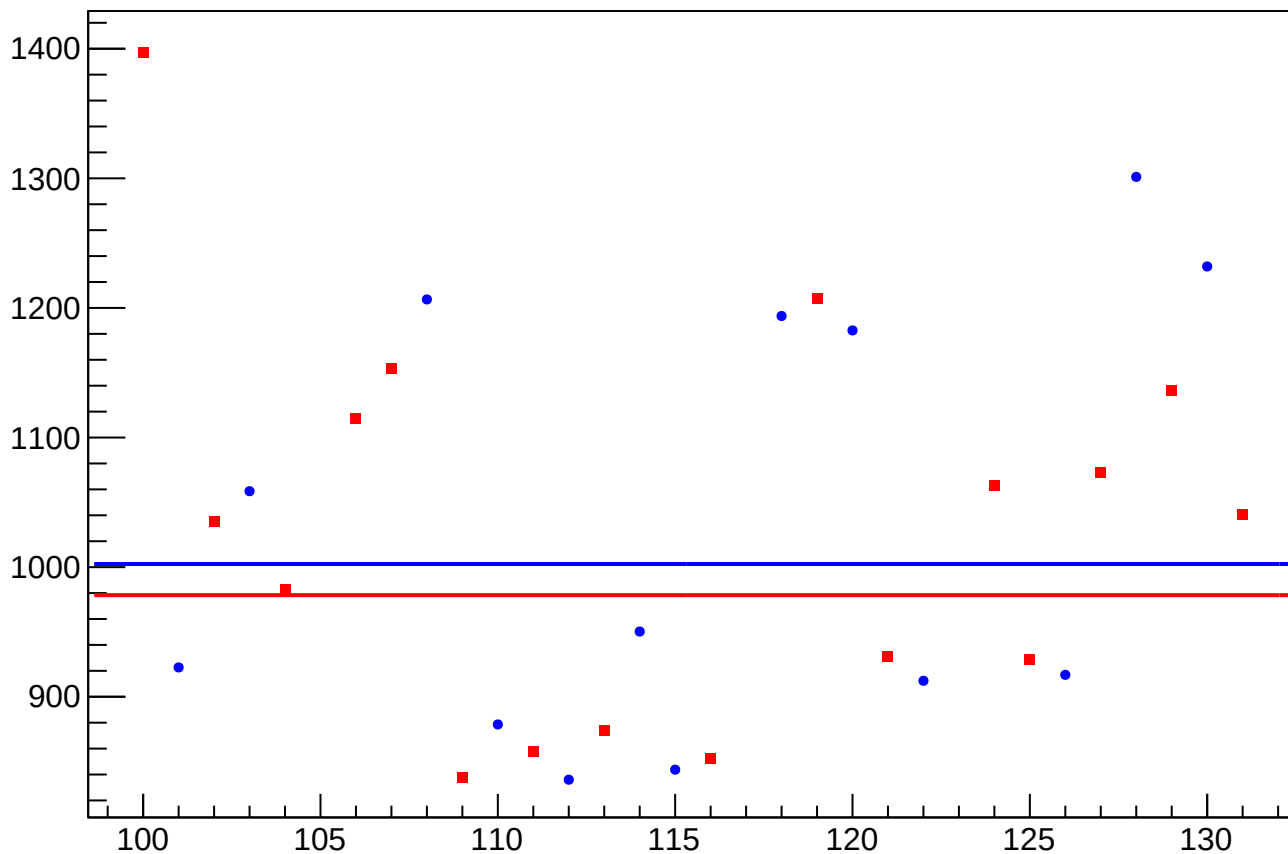
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -416.592+/-291.371 χ^2/NDF : 26.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_dit_correction_rms vs Slug



Right In: 1002.430+/-0.306 χ^2/NDF : 245210.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 978.382+/-0.278 χ^2/NDF : 184287.5/15

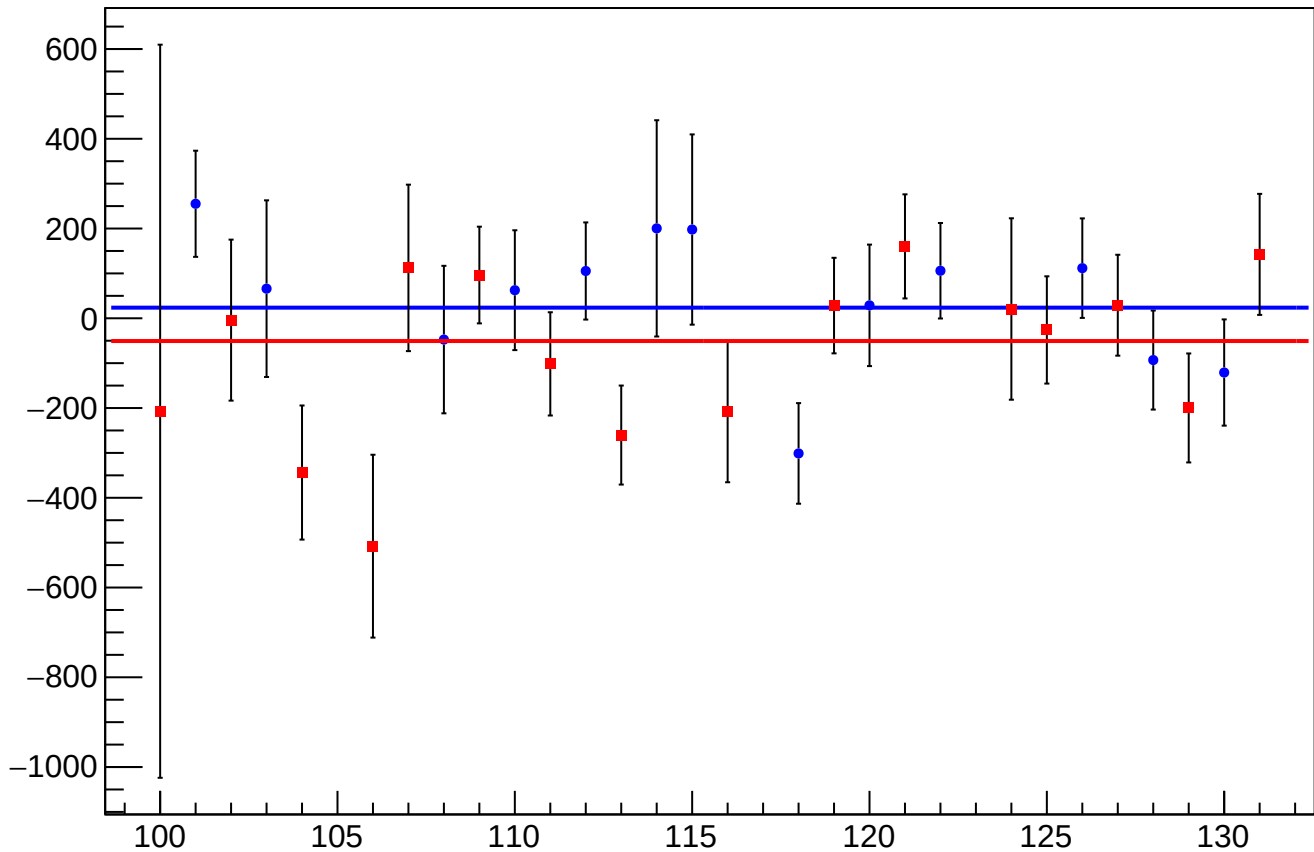
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 989.260+/-0.206 χ^2/NDF : 432873.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_12345678_avg_mean vs Slug



Right In: 23.695+/-35.976 χ^2/NDF : 18.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -50.684+/-33.829 χ^2/NDF : 24.5/15

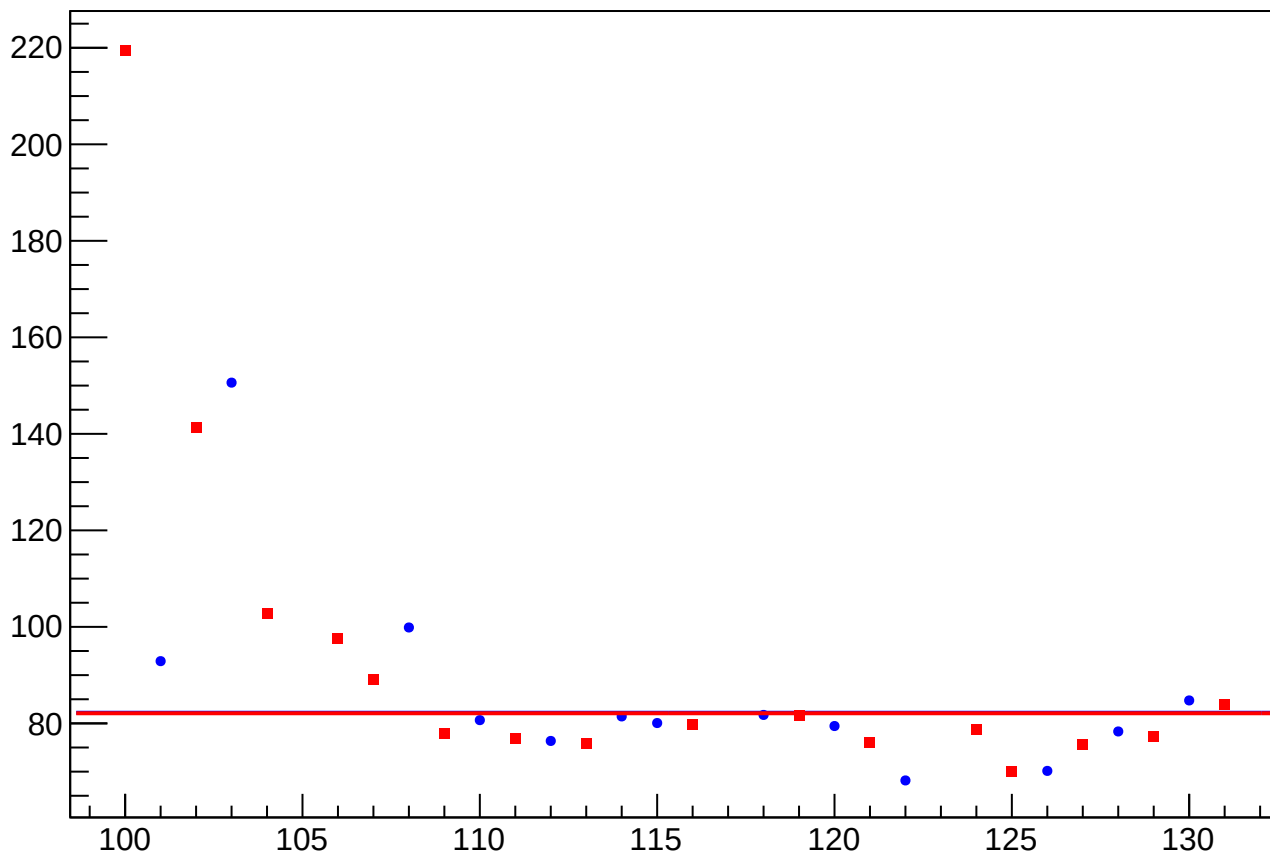
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.780+/-24.645 χ^2/NDF : 44.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_12345678_avg_rms vs Slug



Right In: 82.202+/-0.025 χ^2/NDF : 350031.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.100+/-0.024 χ^2/NDF : 377644.5/15

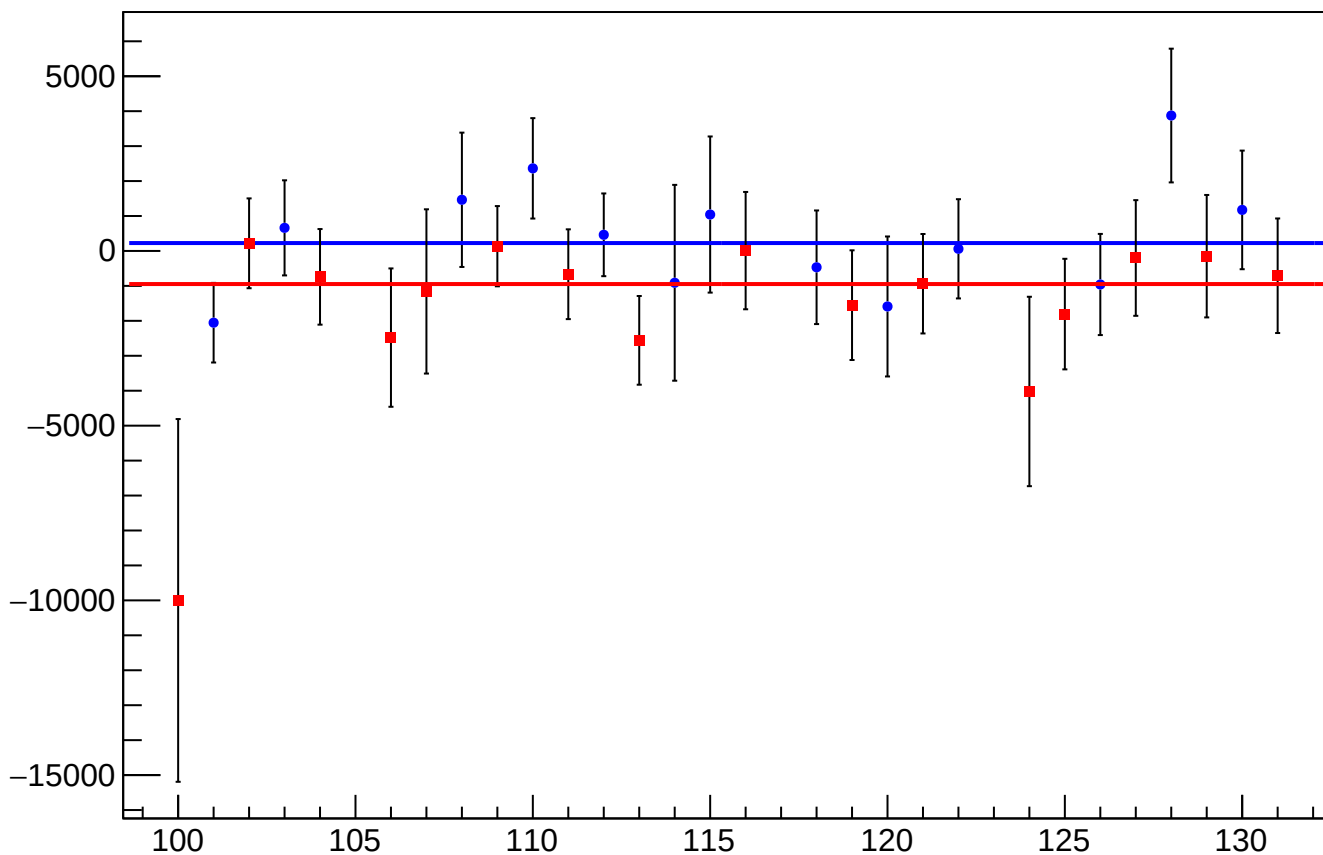
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.148+/-0.017 χ^2/NDF : 727684.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_eigen_dit_correction_mean vs Slug



Right In: 225.934+/-433.222 χ^2/NDF : 12.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -947.292+/-393.723 χ^2/NDF : 9.5/15

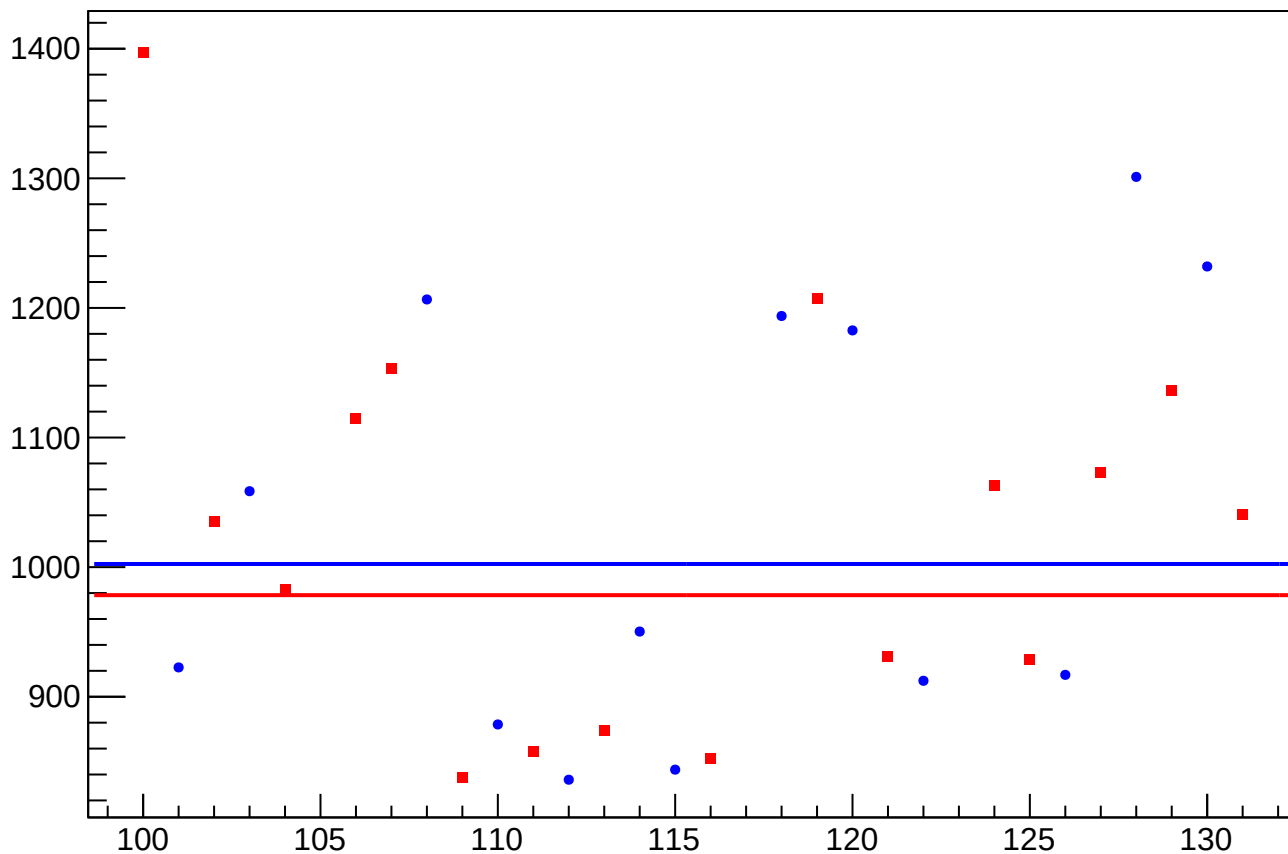
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -416.590+/-291.370 χ^2/NDF : 26.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_eigen_dit_correction_rms vs Slug



Right In: 1002.427+/-0.306 χ^2/NDF : 245213.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 978.379+/-0.278 χ^2/NDF : 184290.0/15

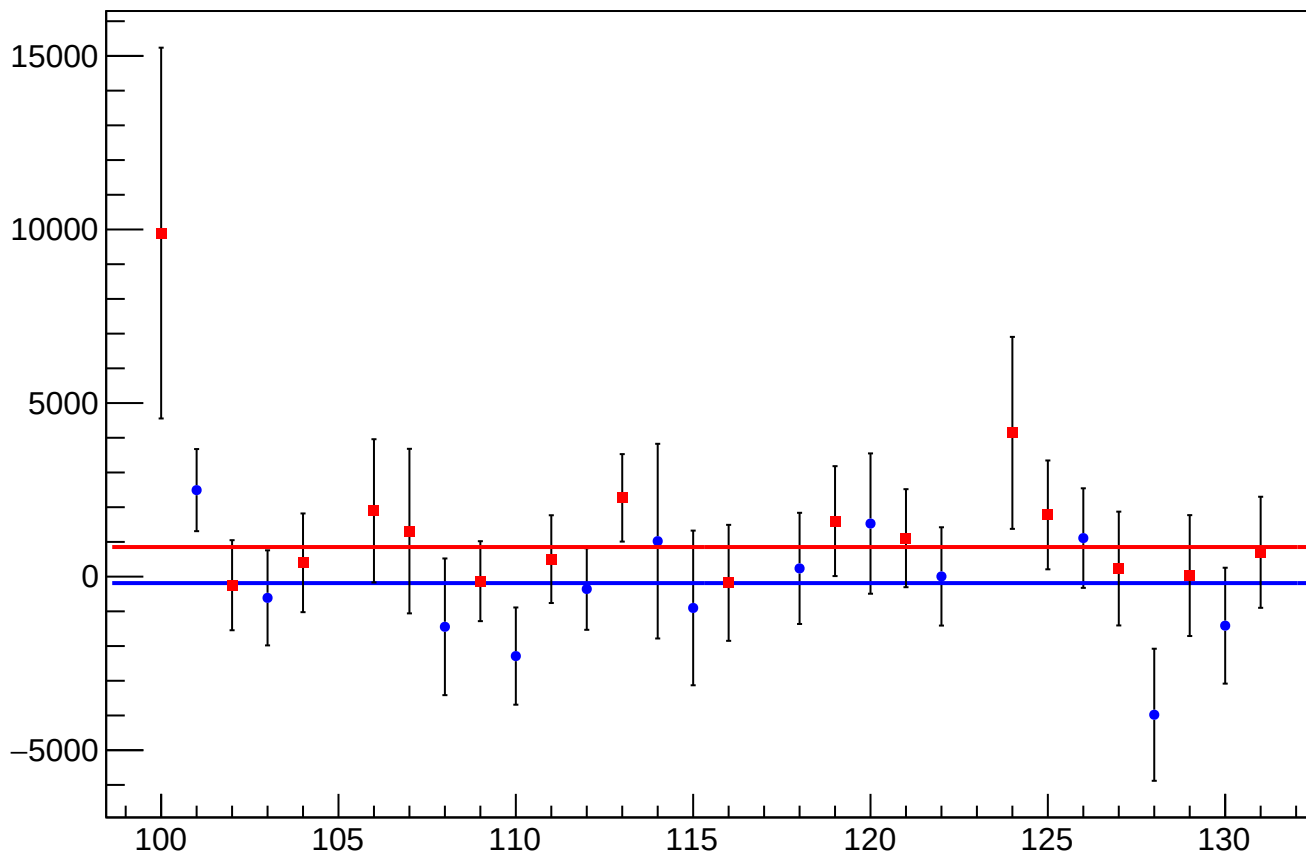
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 989.257+/-0.206 χ^2/NDF : 432878.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_mean vs Slug



Right In: -186.287 ± 433.426 χ^2/NDF : 14.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 852.460 ± 394.177 χ^2/NDF : 8.8/15

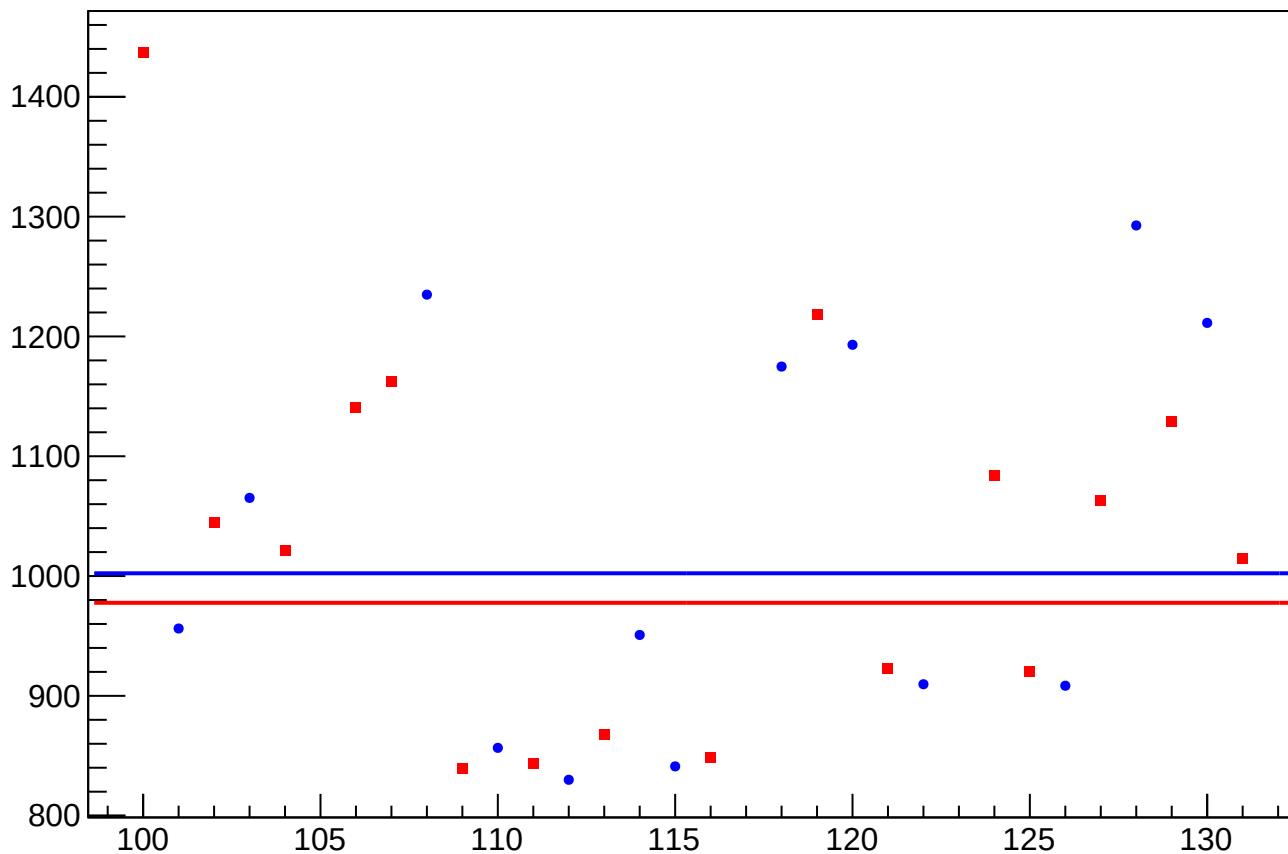
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 382.239 ± 291.616 χ^2/NDF : 26.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_rms vs Slug



Right In: 1002.301+/-0.306 χ^2/NDF : 247080.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 977.670+/-0.279 χ^2/NDF : 201636.4/15

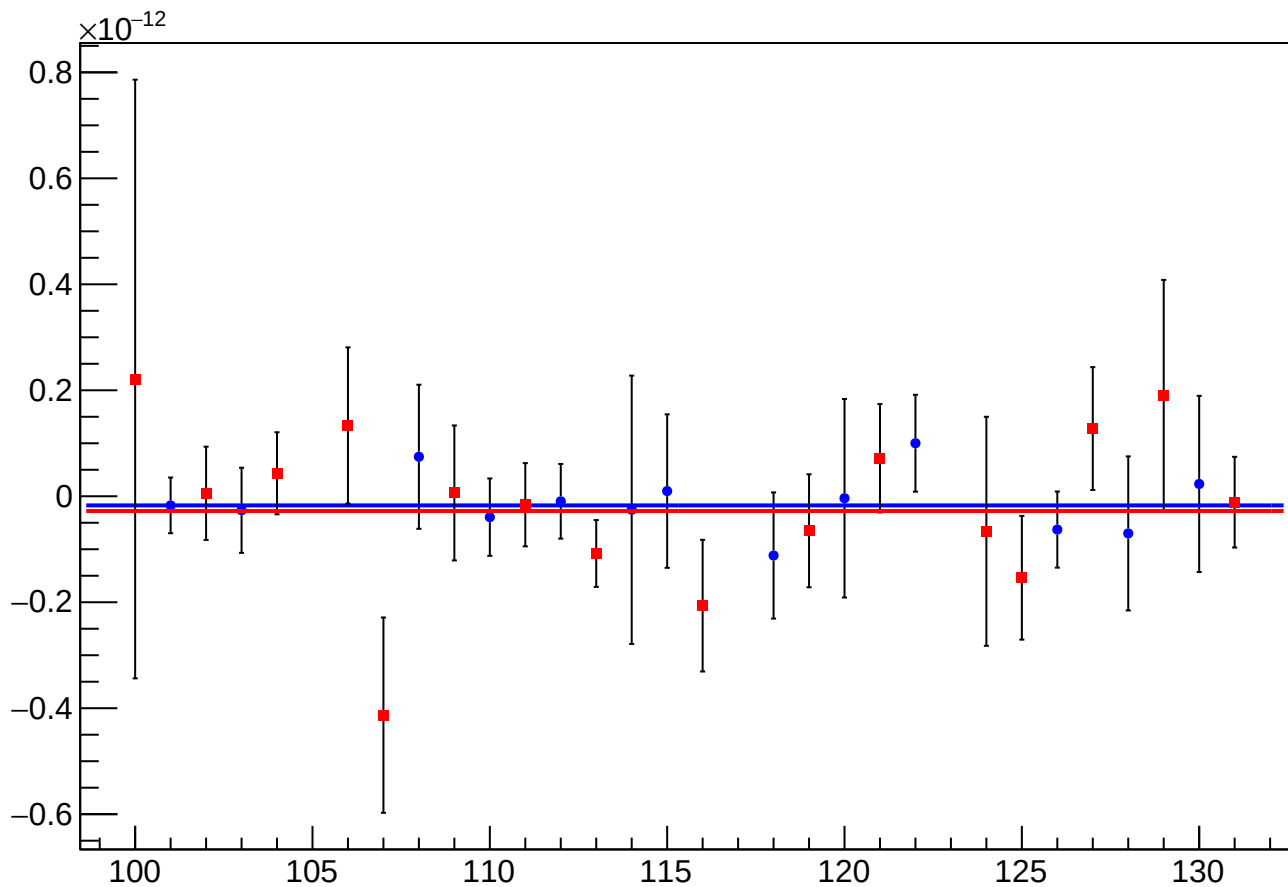
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 988.820+/-0.206 χ^2/NDF : 452251.9/28

- 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 : 3.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.6/15

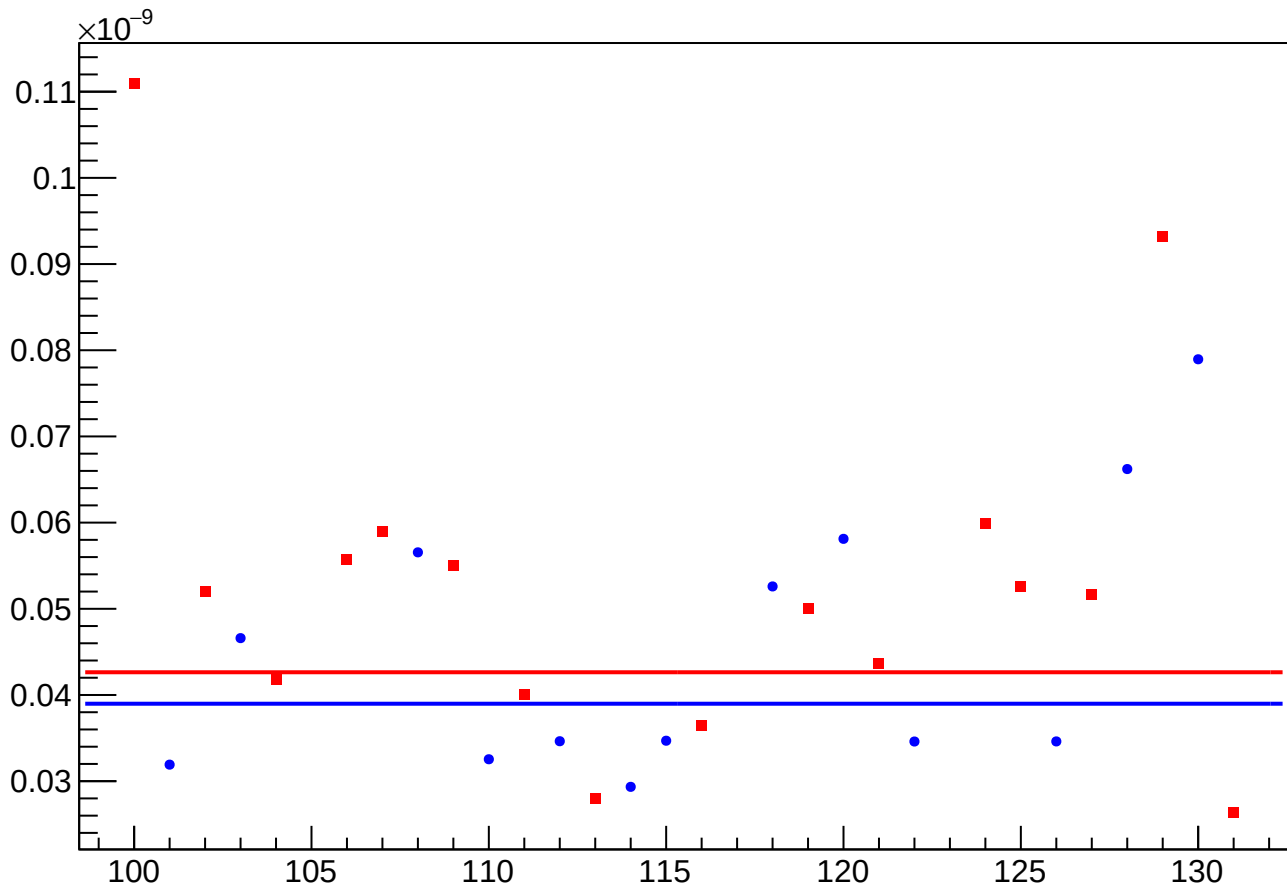
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.2/28

- 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 : 360025.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 446200.4/15

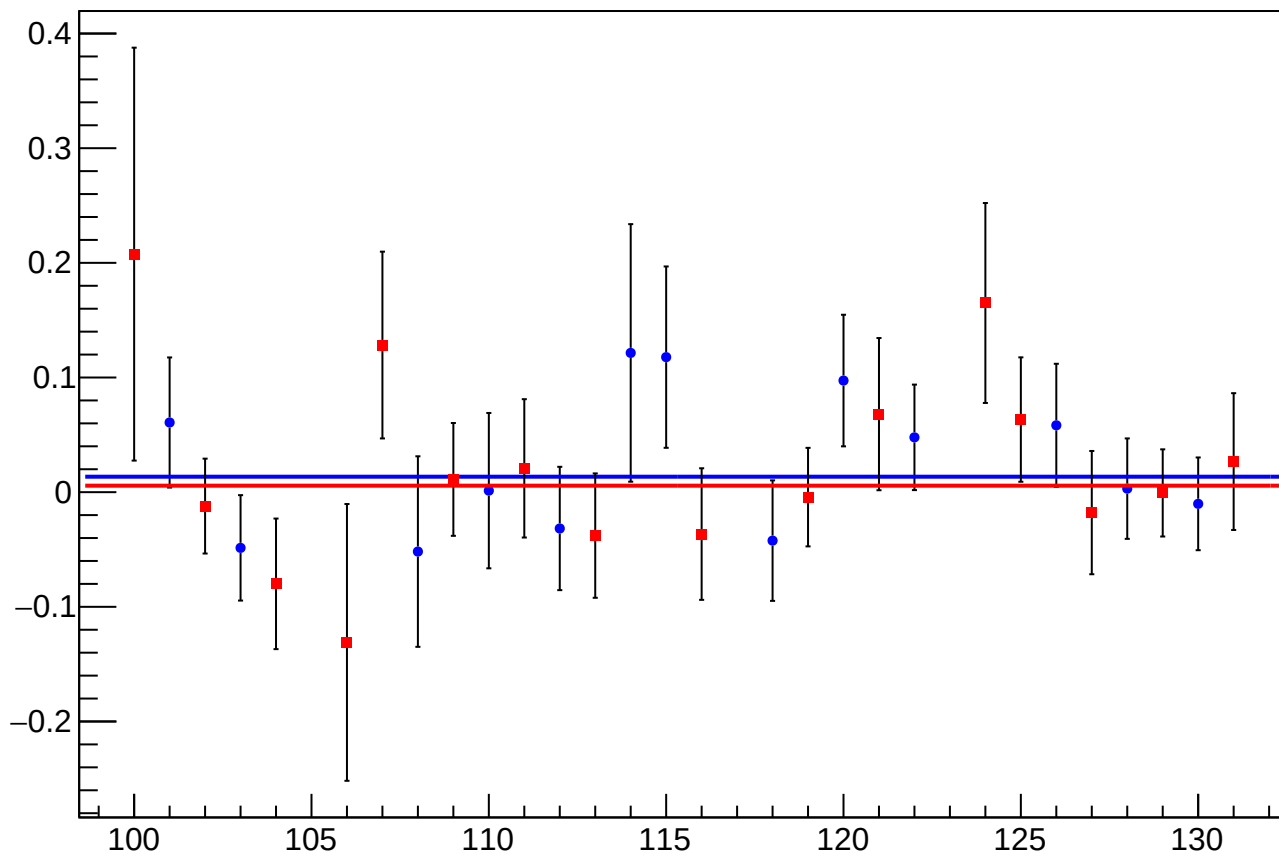
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 825826.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.013 $\pm$ 0.015 χ^2 /NDF: 11.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.006 $\pm$ 0.014 χ^2 /NDF: 14.3/15

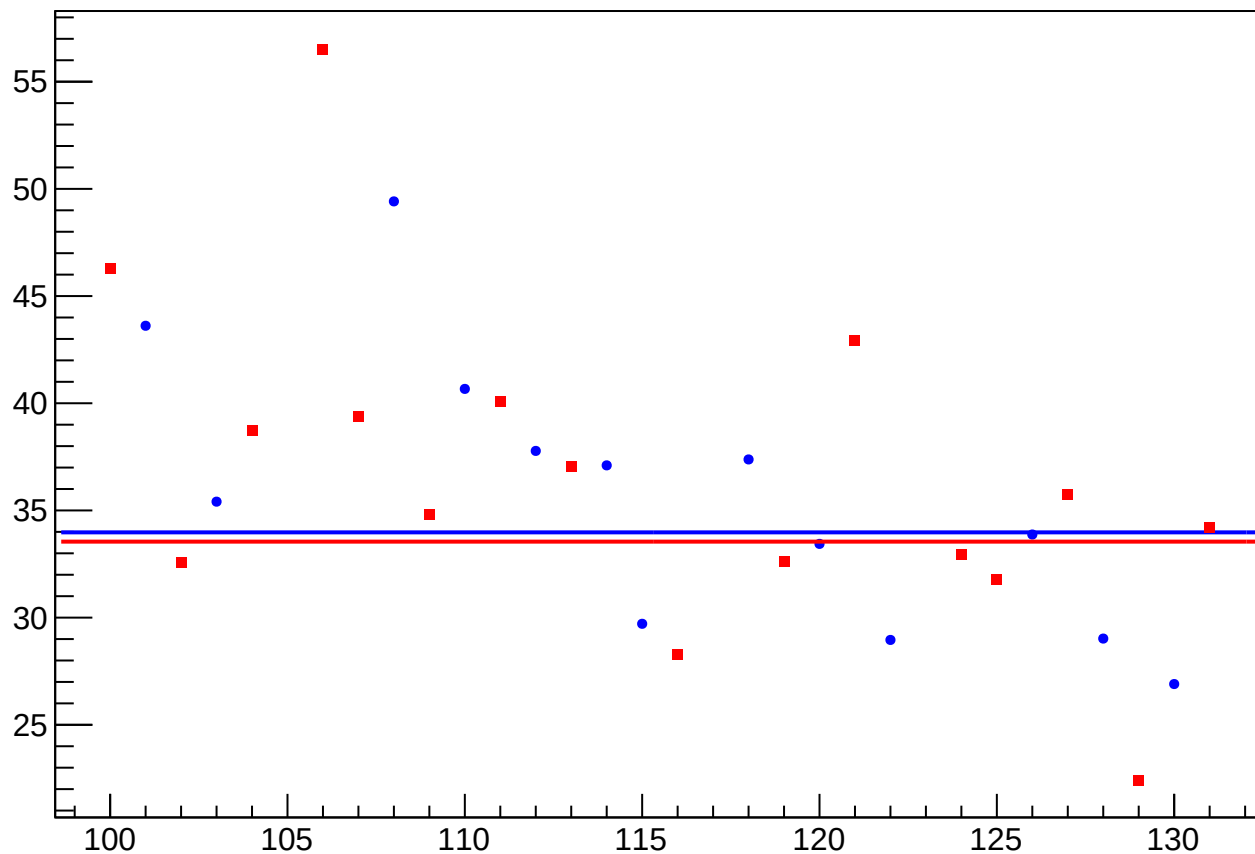
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.010 χ^2 /NDF: 25.9/28

- 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: 33.977 ± 0.011 $\chi^2/\text{NDF}: 284724.2/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 33.545 ± 0.010 $\chi^2/\text{NDF}: 378787.5/15$

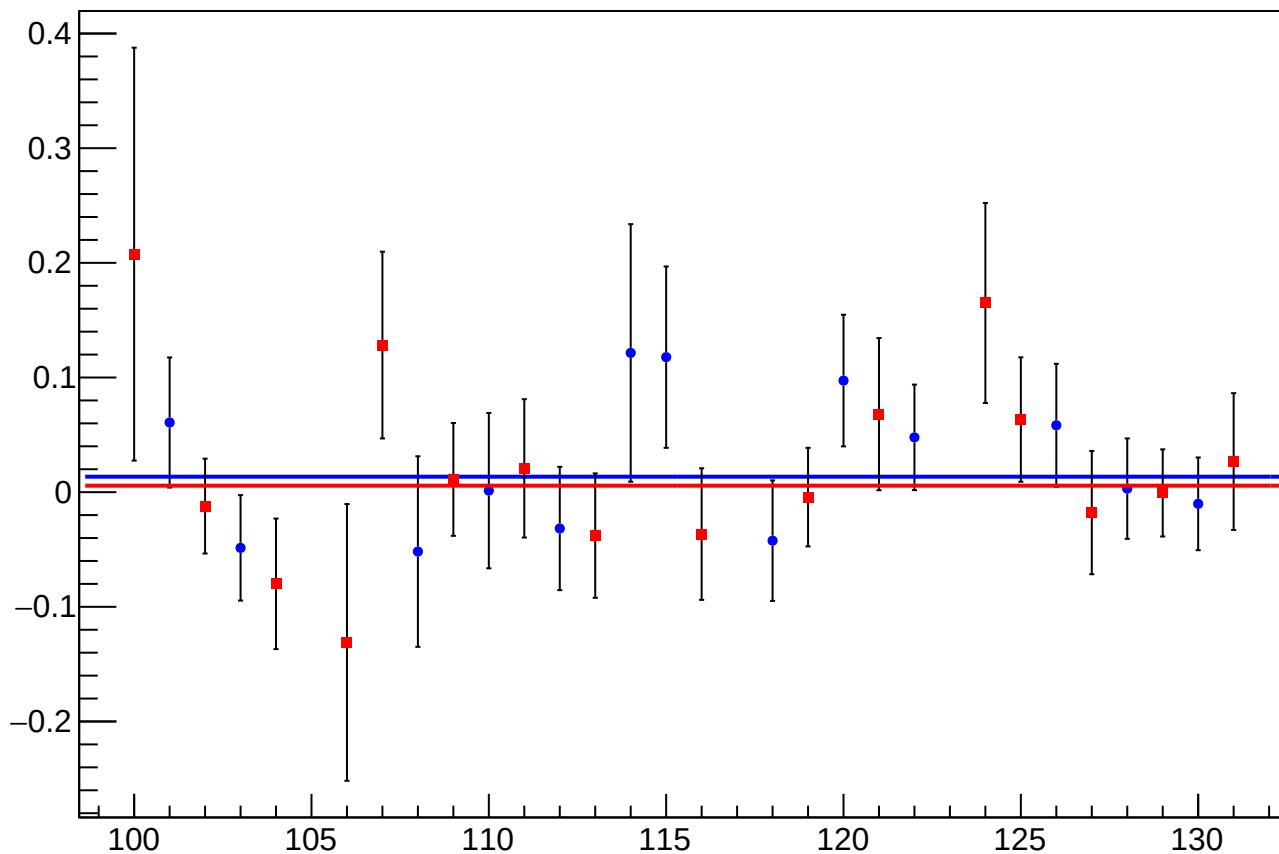
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 33.745 ± 0.007 $\chi^2/\text{NDF}: 664384.6/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.013 $\pm$ 0.015 χ^2 /NDF: 11.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.006 $\pm$ 0.014 χ^2 /NDF: 14.3/15

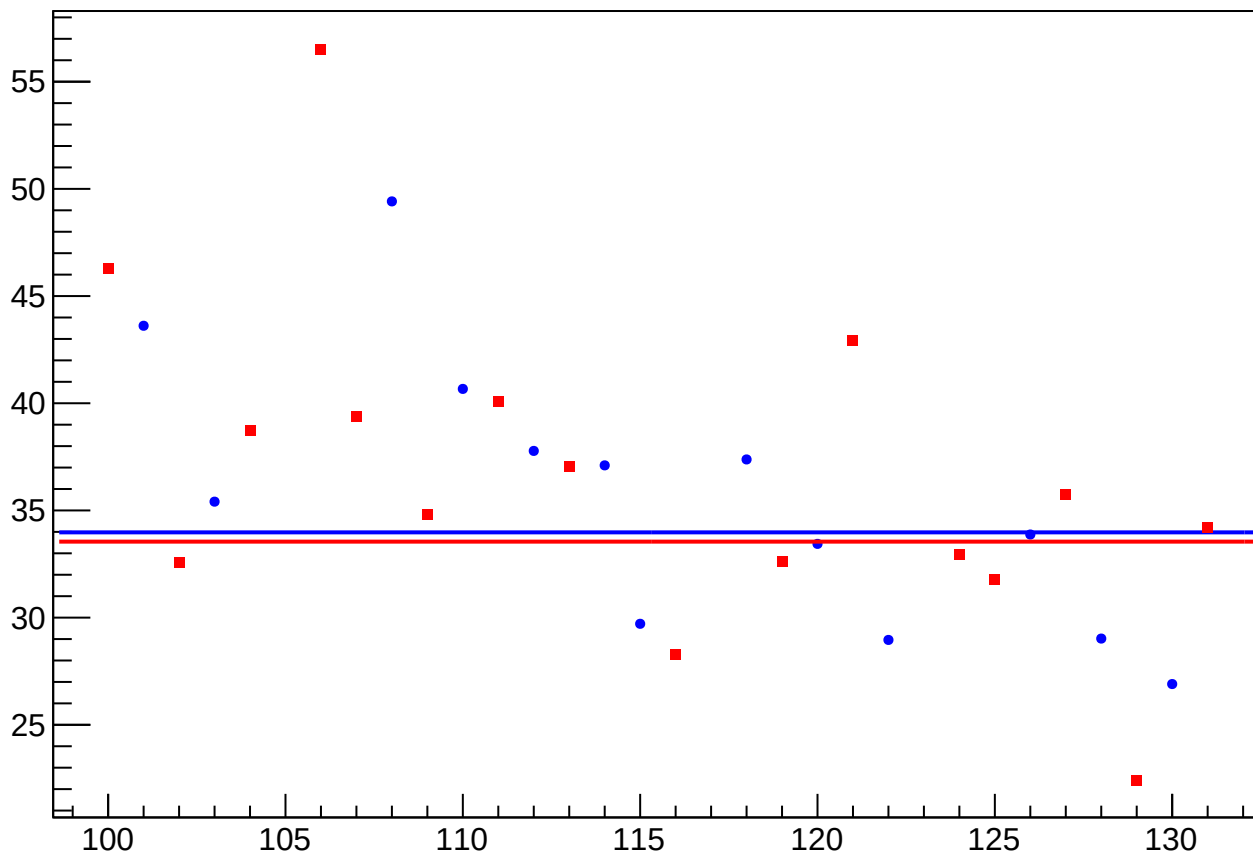
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.010 χ^2 /NDF: 25.9/28

- 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: 33.977 $\pm$ 0.011 χ^2 /NDF: 284724.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 33.545 $\pm$ 0.010 χ^2 /NDF: 378787.5/15

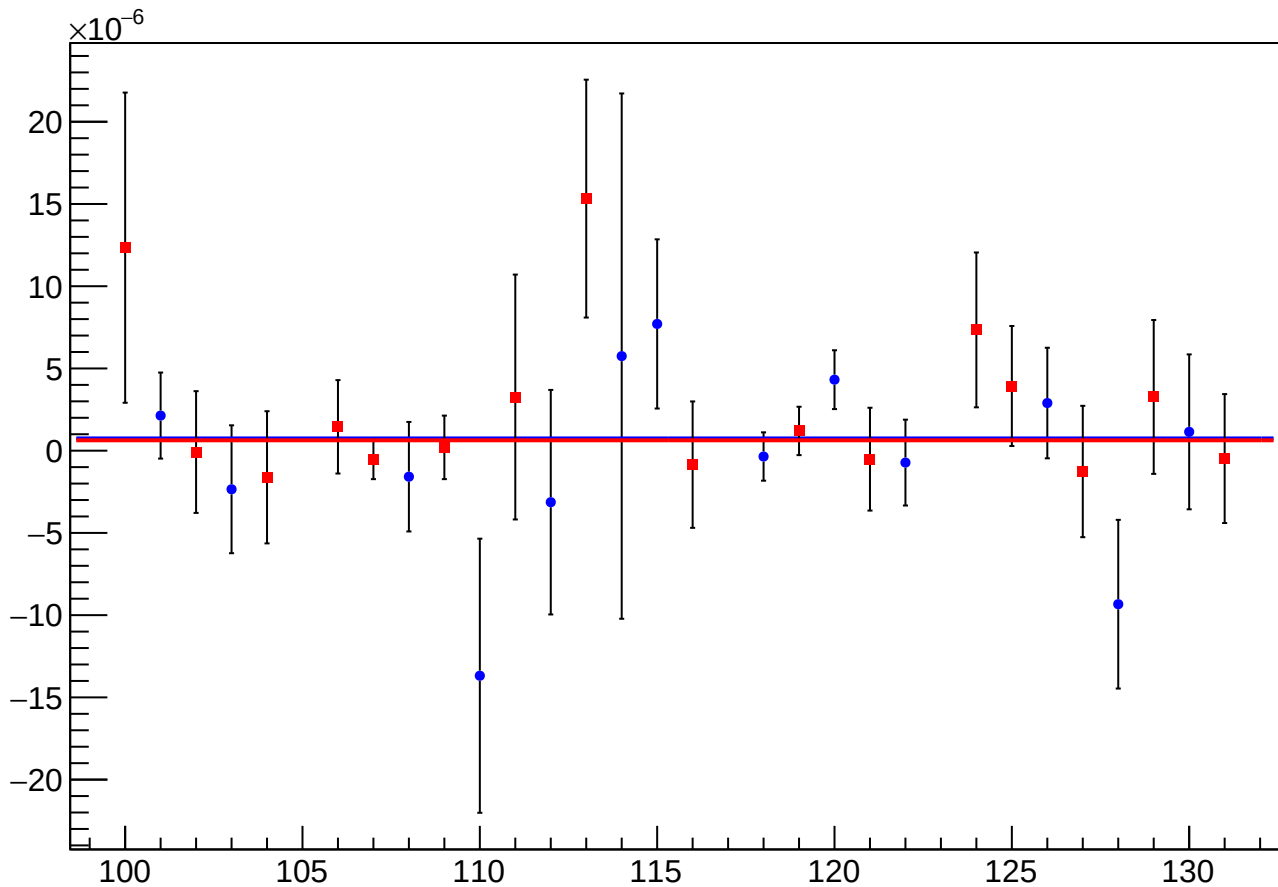
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.745 $\pm$ 0.007 χ^2 /NDF: 664384.6/28

- 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: 15.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.1/15

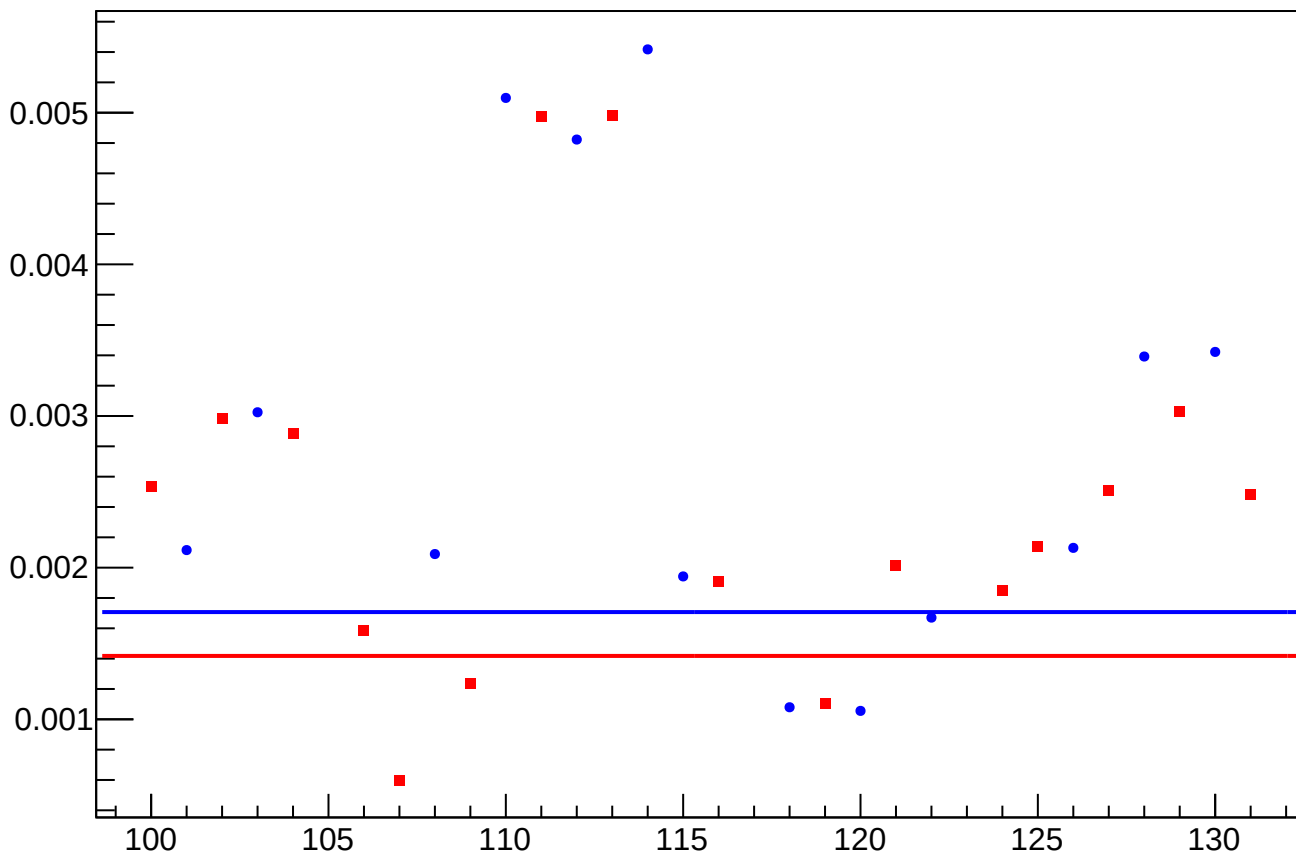
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 26.9/28

- 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 : 2308051.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3361060.4/15

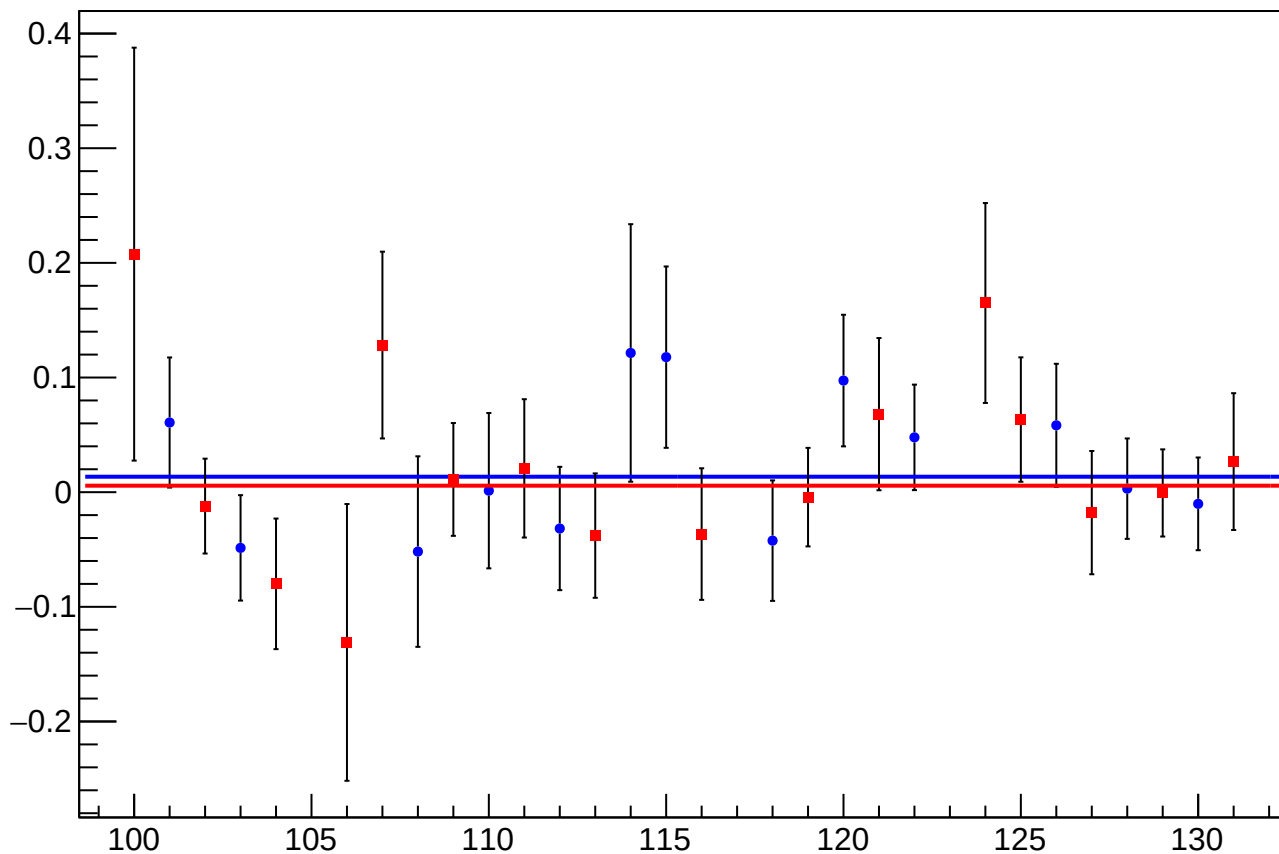
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5816155.7/28

- 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: 0.013 $\pm$ 0.015 χ^2 /NDF: 11.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.006 $\pm$ 0.014 χ^2 /NDF: 14.3/15

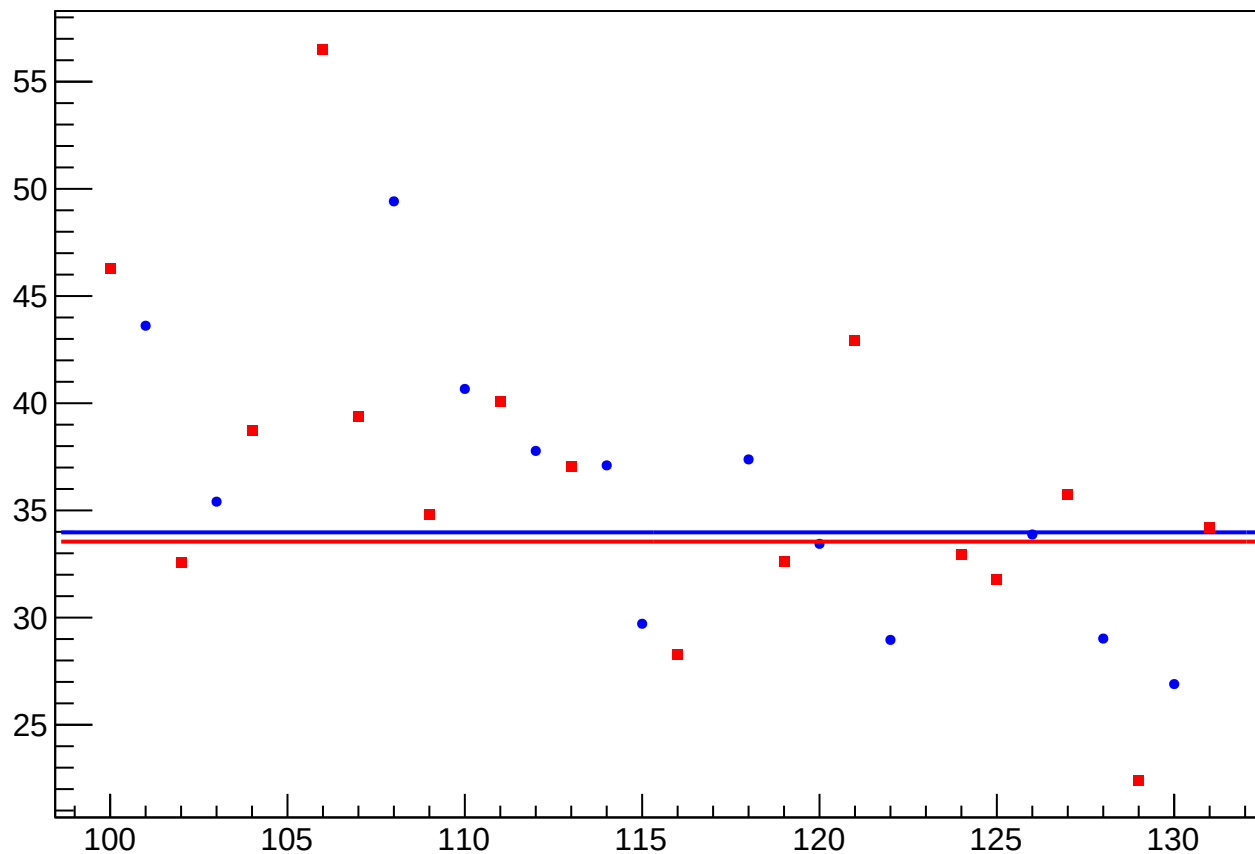
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.010 χ^2 /NDF: 25.9/28

- 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: 33.977 $\pm$ 0.011 χ^2 /NDF: 284785.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 33.544 $\pm$ 0.010 χ^2 /NDF: 378820.8/15

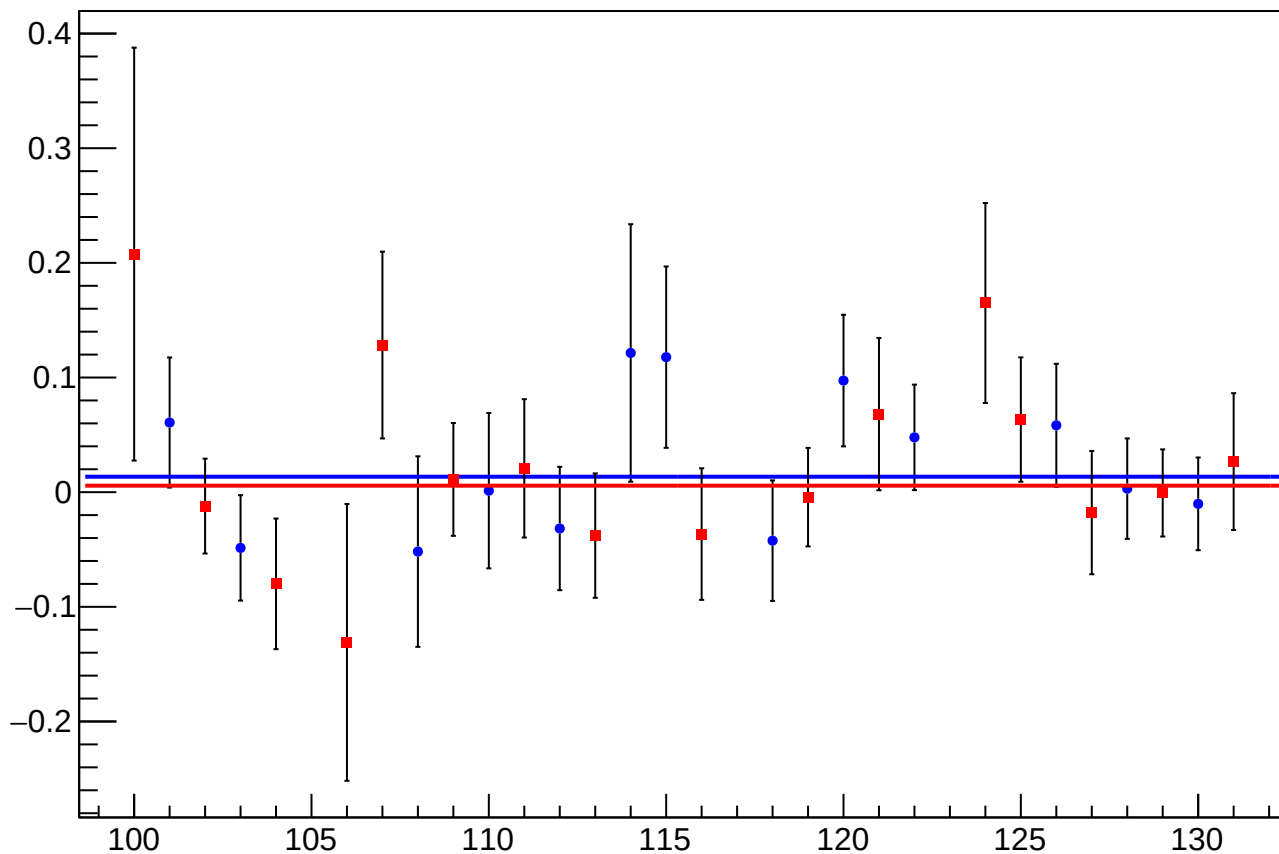
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.745 $\pm$ 0.007 χ^2 /NDF: 664477.7/28

- 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: 0.013 $\pm$ 0.015 χ^2 /NDF: 11.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.006 $\pm$ 0.014 χ^2 /NDF: 14.3/15

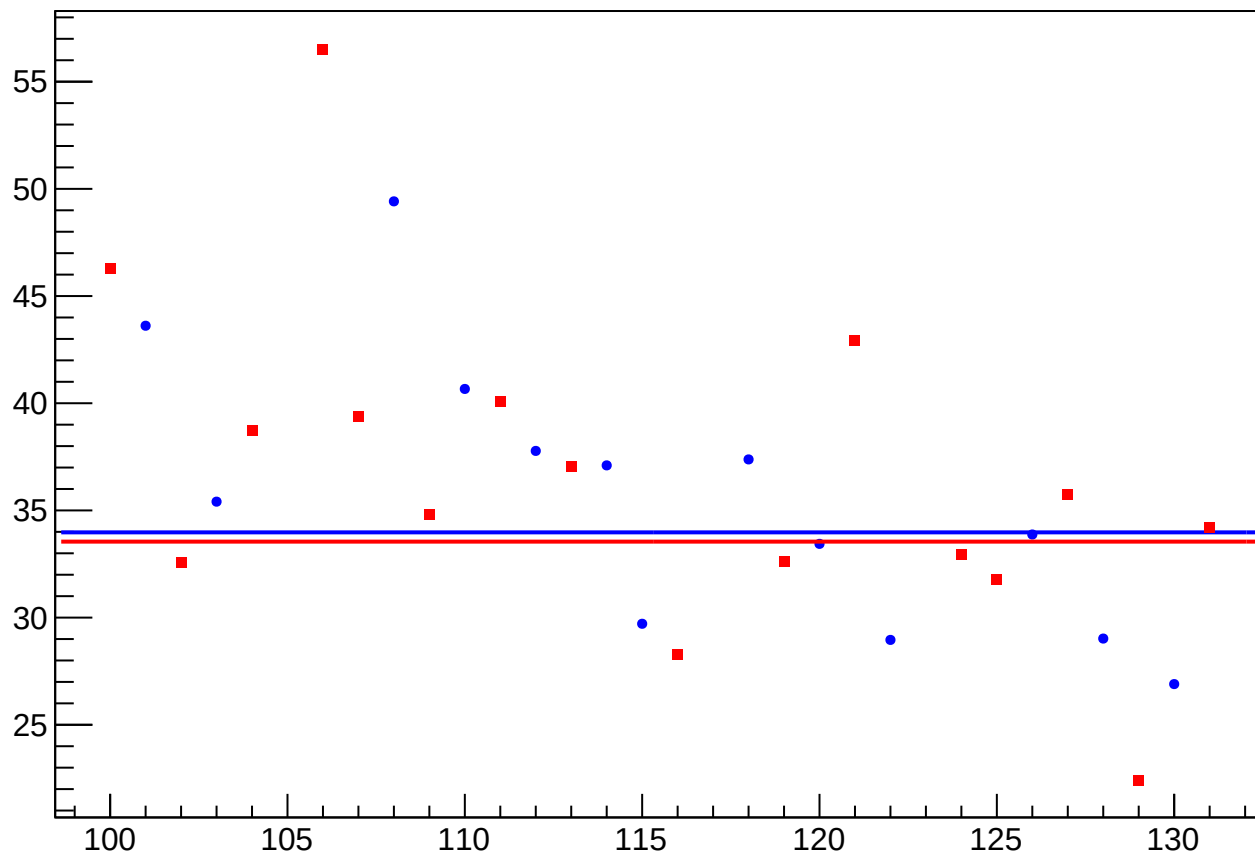
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.010 χ^2 /NDF: 25.9/28

- 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: 33.977 ± 0.011 $\chi^2/\text{NDF}: 284785.3/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 33.544 ± 0.010 $\chi^2/\text{NDF}: 378820.8/15$

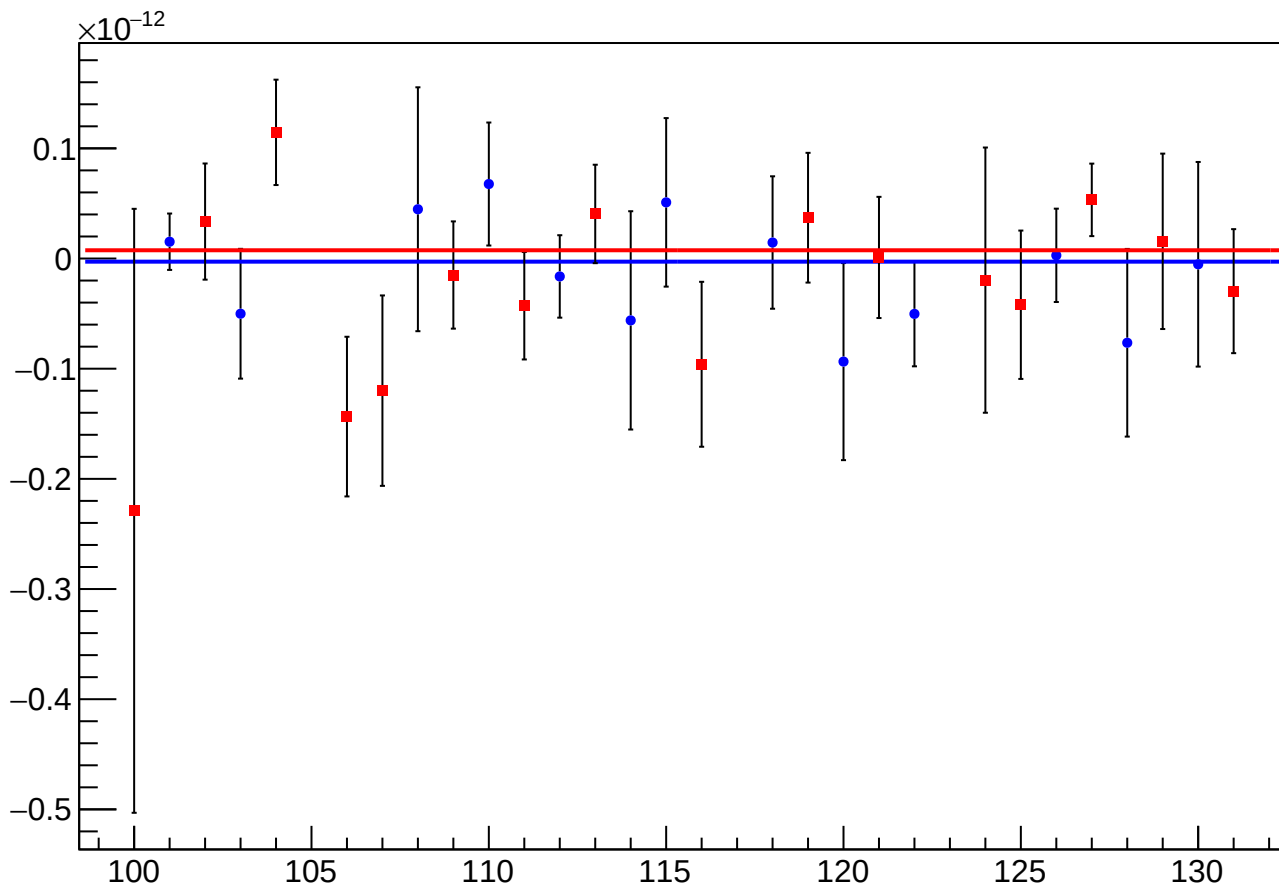
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 33.745 ± 0.007 $\chi^2/\text{NDF}: 664477.7/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 6.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 19.5/15

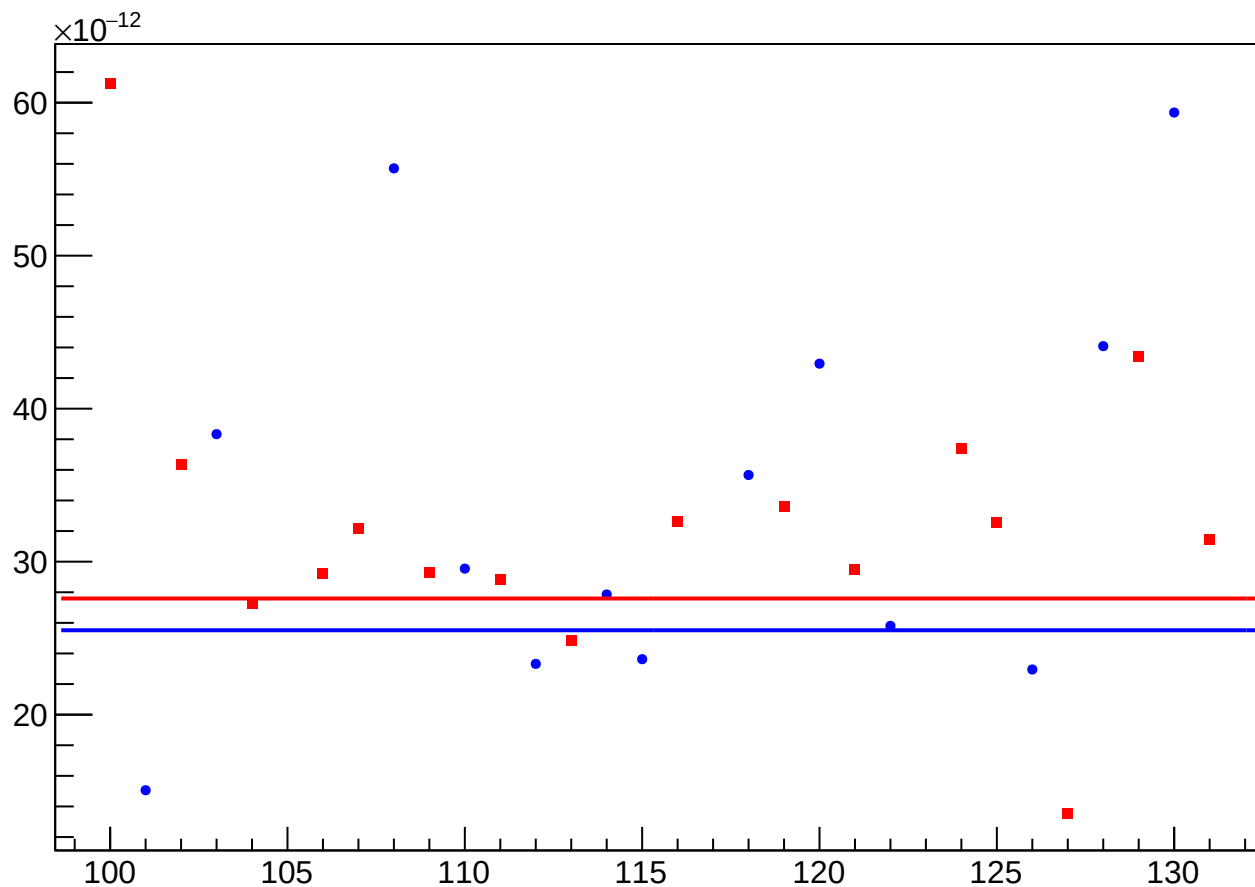
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 26.5/28

- sign 0.000+/-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 : 1097873.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 612847.4/15

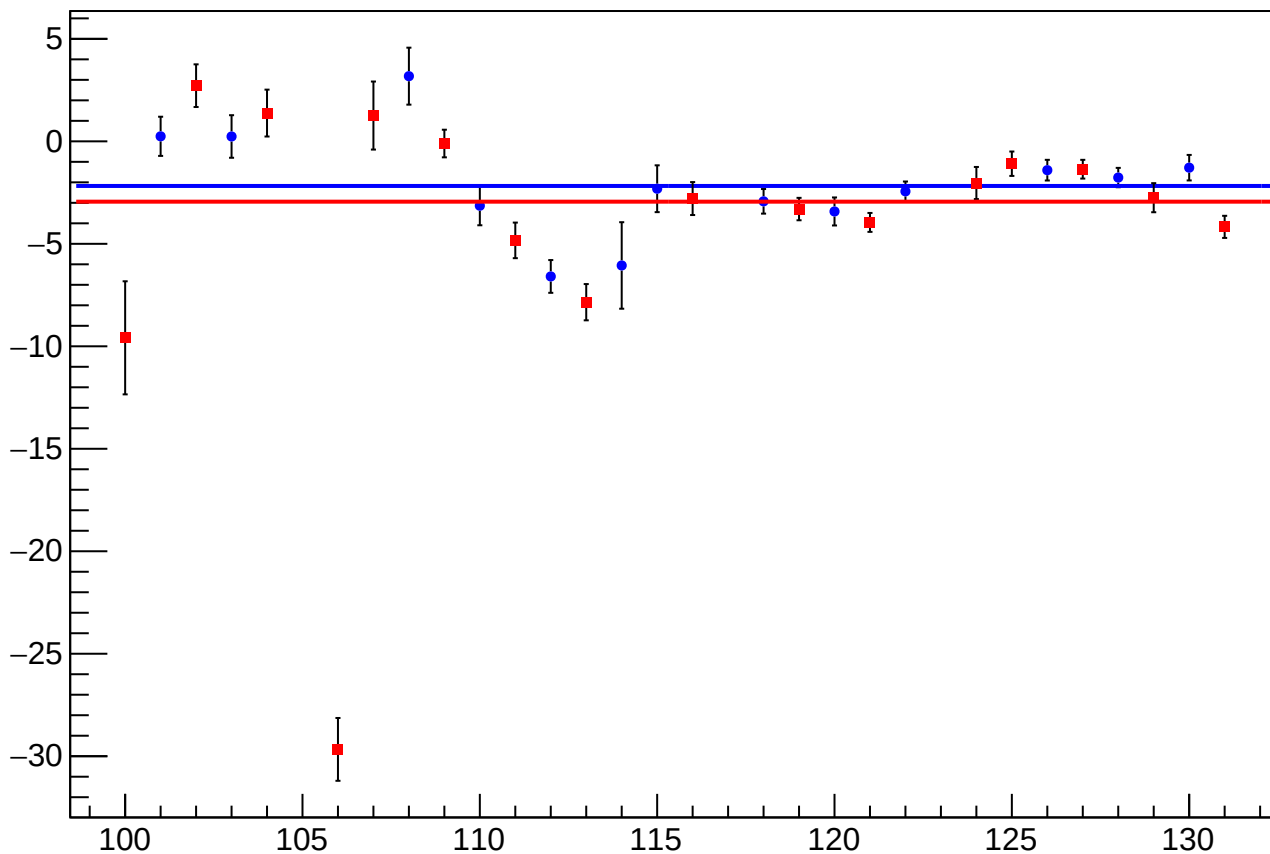
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1731880.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug



Right In: -2.177 ± 0.194 χ^2/NDF : 71.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.943 ± 0.178 χ^2/NDF : 446.9/15

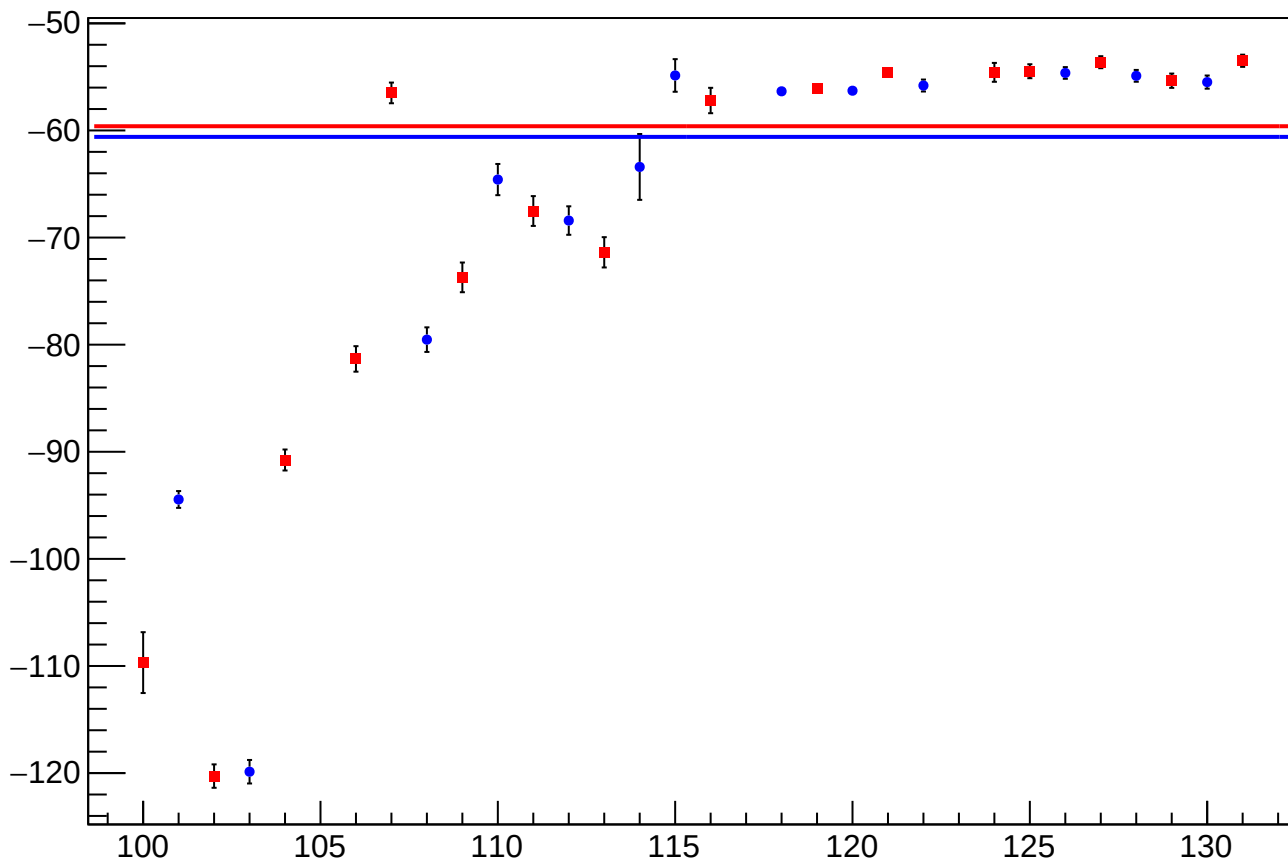
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.595 ± 0.131 χ^2/NDF : 527.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -60.601 ± 0.182 χ^2/NDF : 5706.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -59.607 ± 0.180 χ^2/NDF : 5533.2/15

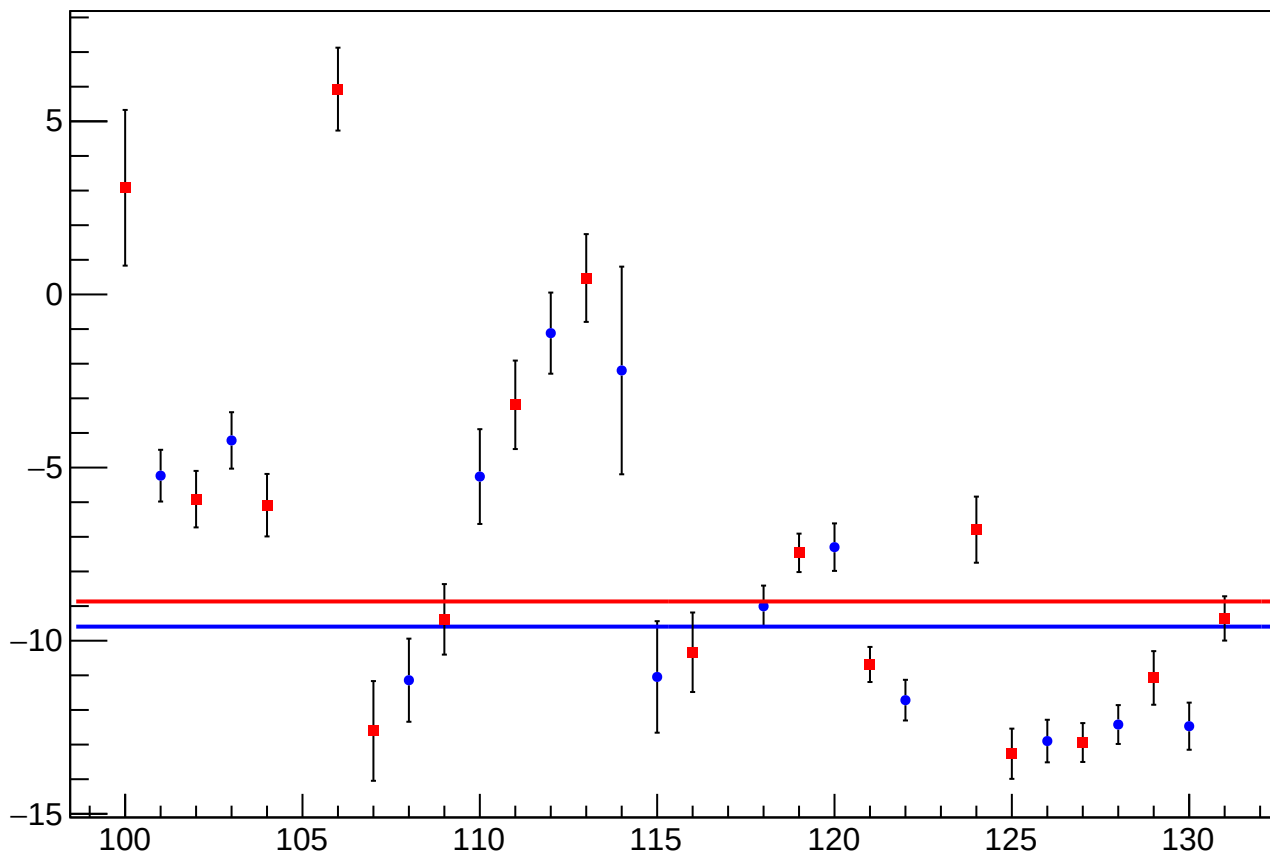
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -60.098 ± 0.128 χ^2/NDF : 11254.8/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: -9.593 ± 0.215 χ^2/NDF : 245.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.867 ± 0.202 χ^2/NDF : 408.6/15

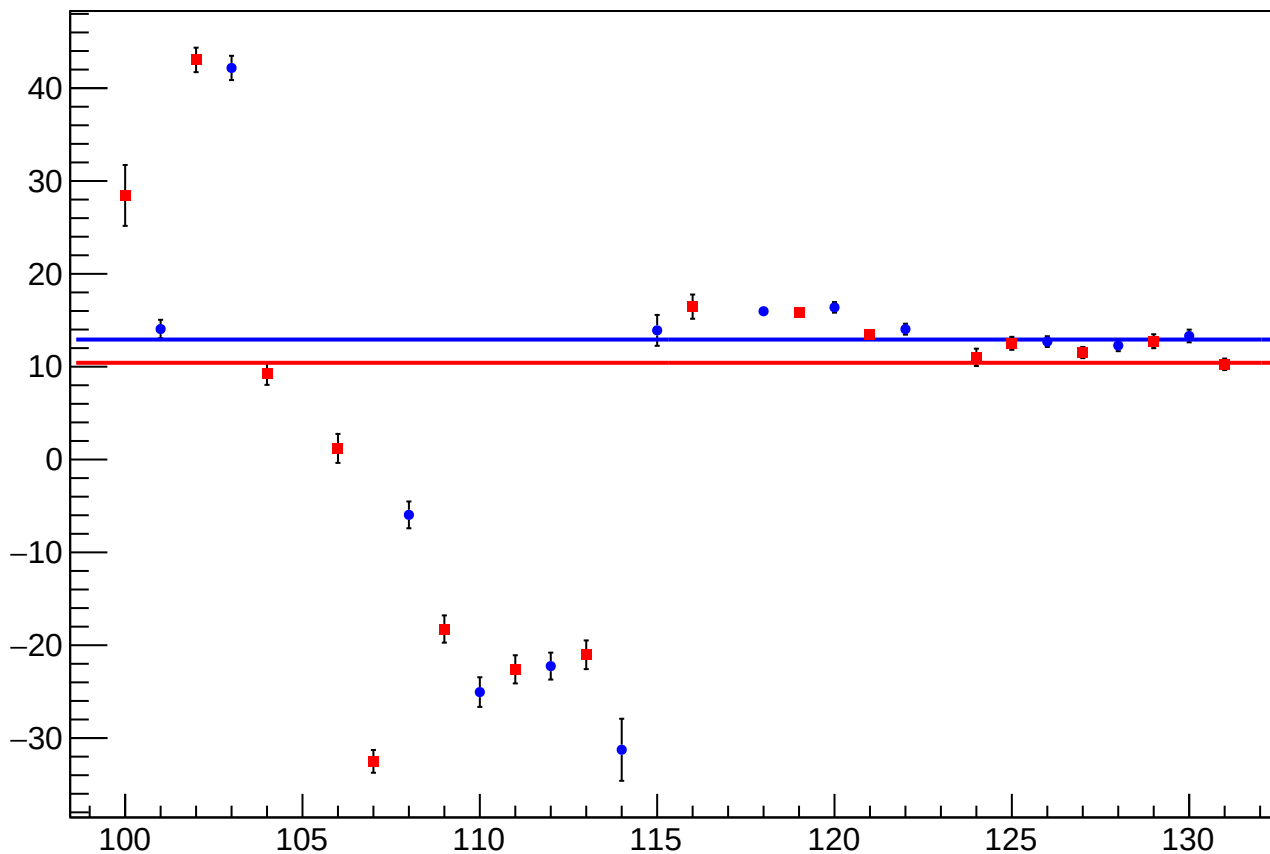
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.207 ± 0.147 χ^2/NDF : 660.5/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 12.923+/-0.215 χ^2 /NDF: 2086.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 10.419+/-0.207 χ^2 /NDF: 3396.5/15

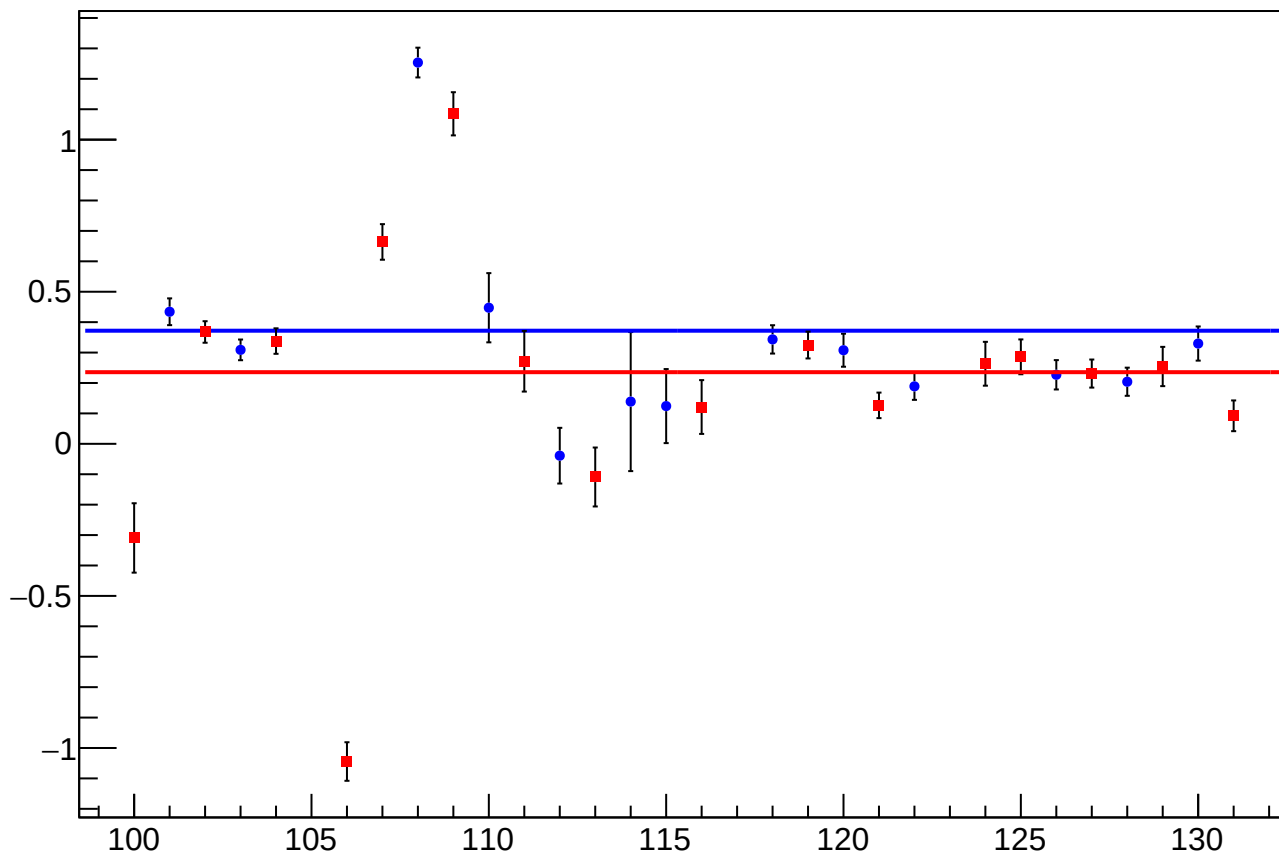
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 11.622+/-0.149 χ^2 /NDF: 5553.3/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.372 $\pm$ 0.015 χ^2 /NDF: 397.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.236 $\pm$ 0.014 χ^2 /NDF: 681.6/15

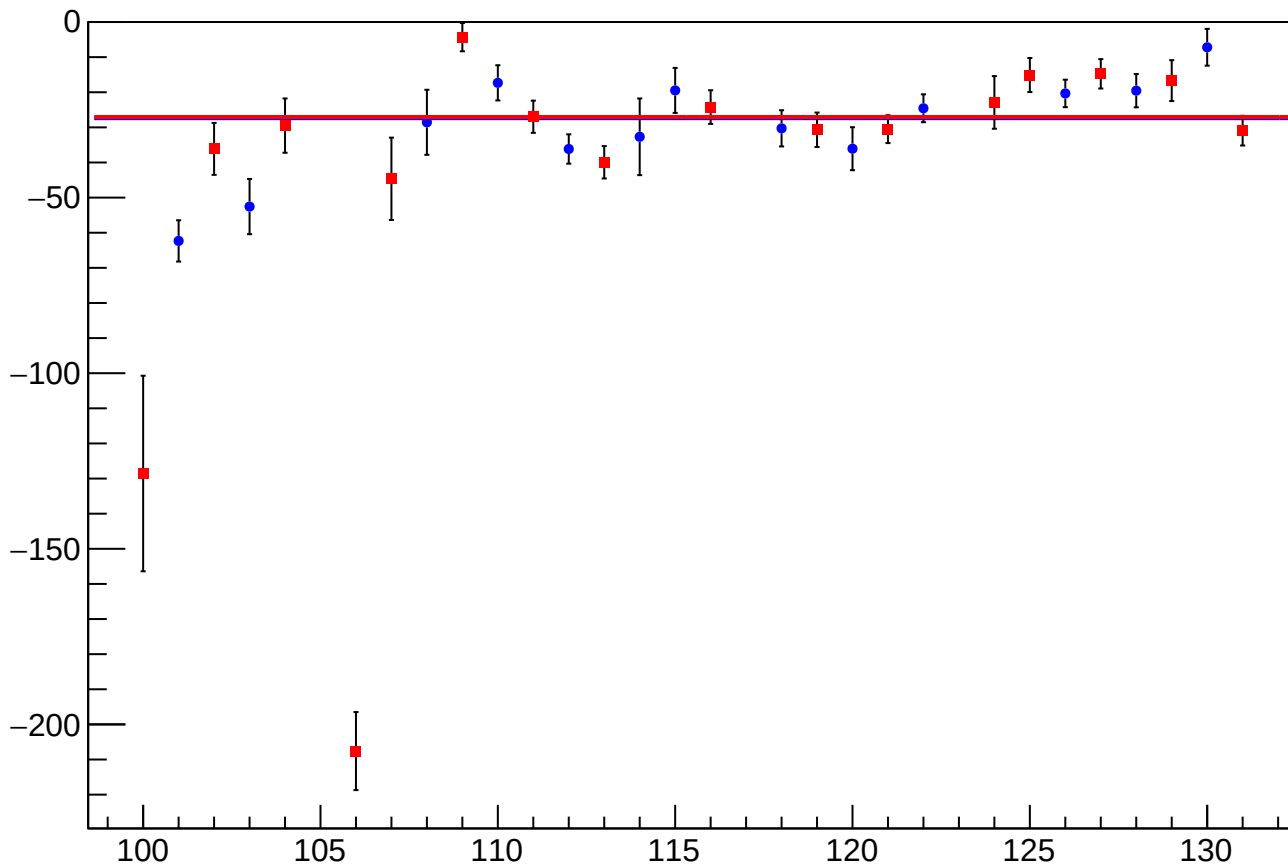
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.300 $\pm$ 0.010 χ^2 /NDF: 1124.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: -27.385 $\pm$ 1.473 χ^2 /NDF: 79.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -27.050 $\pm$ 1.336 χ^2 /NDF: 341.7/15

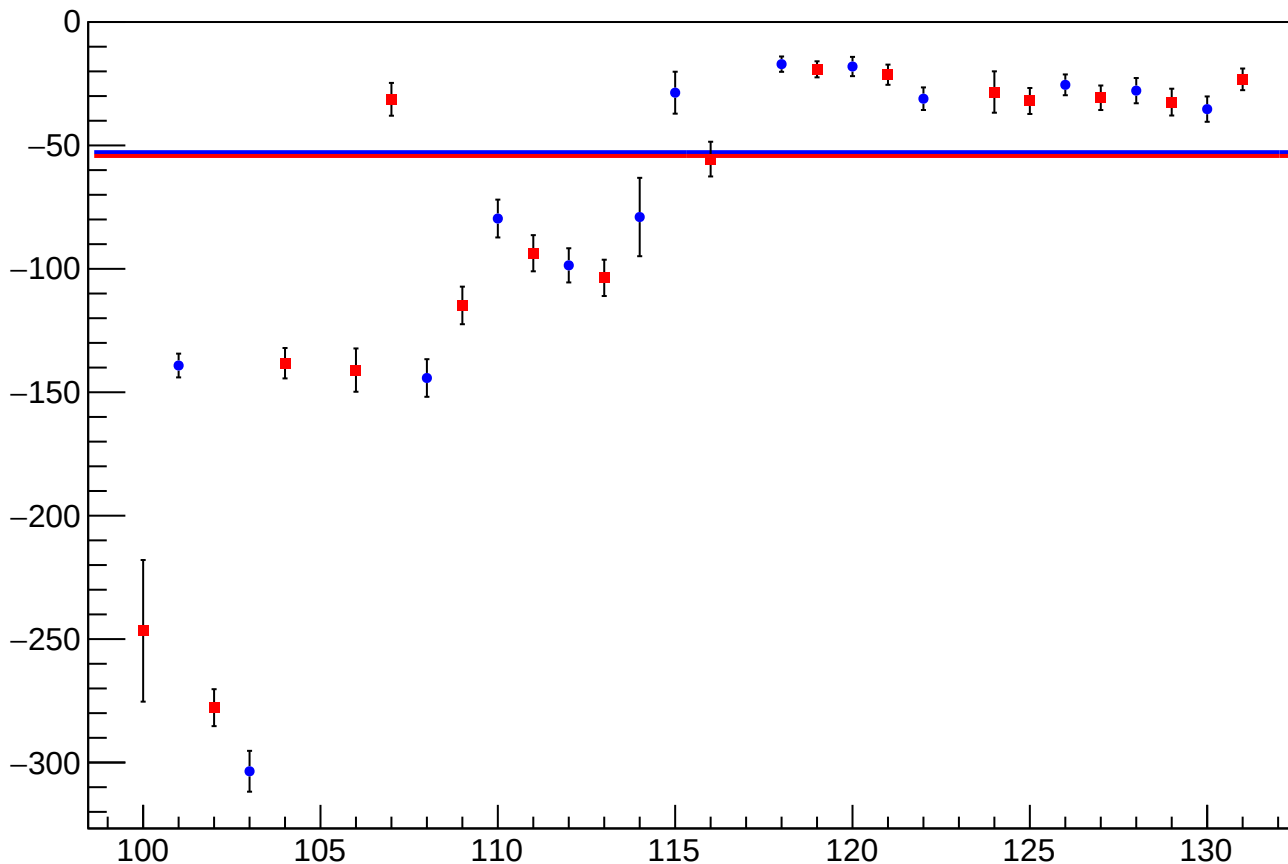
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -27.201 $\pm$ 0.990 χ^2 /NDF: 421.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -52.732 ± 1.443 χ^2/NDF : 1762.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -54.265 ± 1.434 χ^2/NDF : 1666.9/15

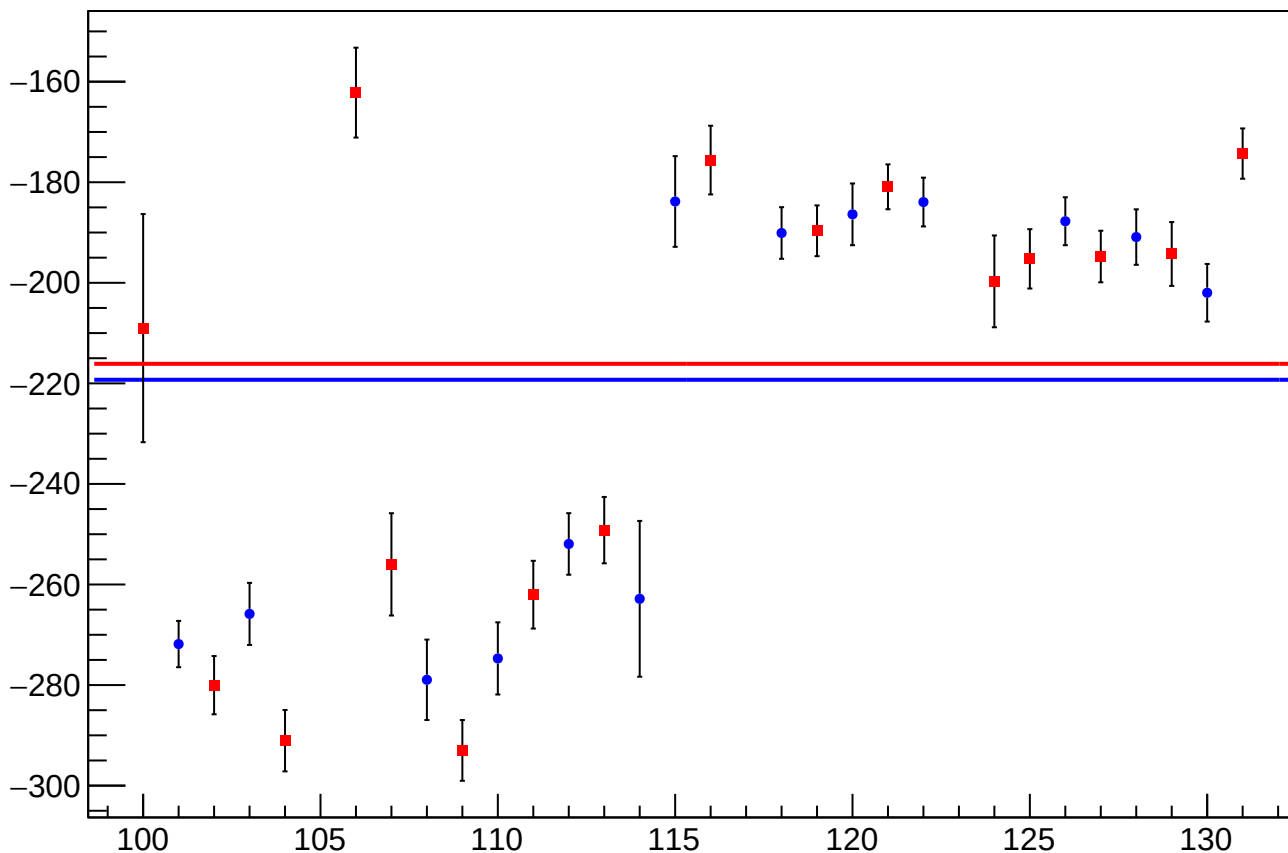
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -53.504 ± 1.017 χ^2/NDF : 3429.9/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -219.282 ± 1.653 χ^2/NDF : 547.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -216.111 ± 1.567 χ^2/NDF : 797.7/15

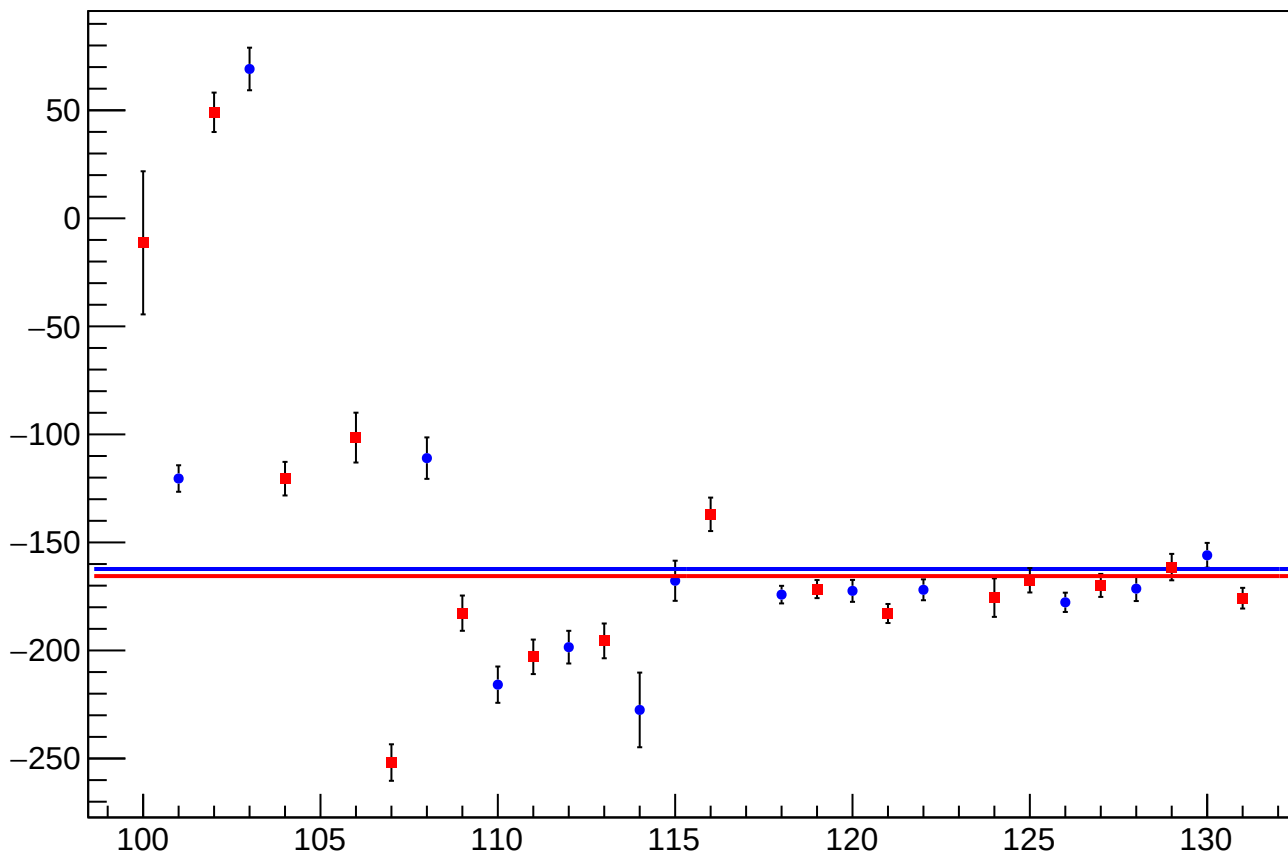
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -217.611 ± 1.137 χ^2/NDF : 1347.5/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -162.296+/-1.697 χ^2/NDF : 736.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -165.575+/-1.639 χ^2/NDF : 822.7/15

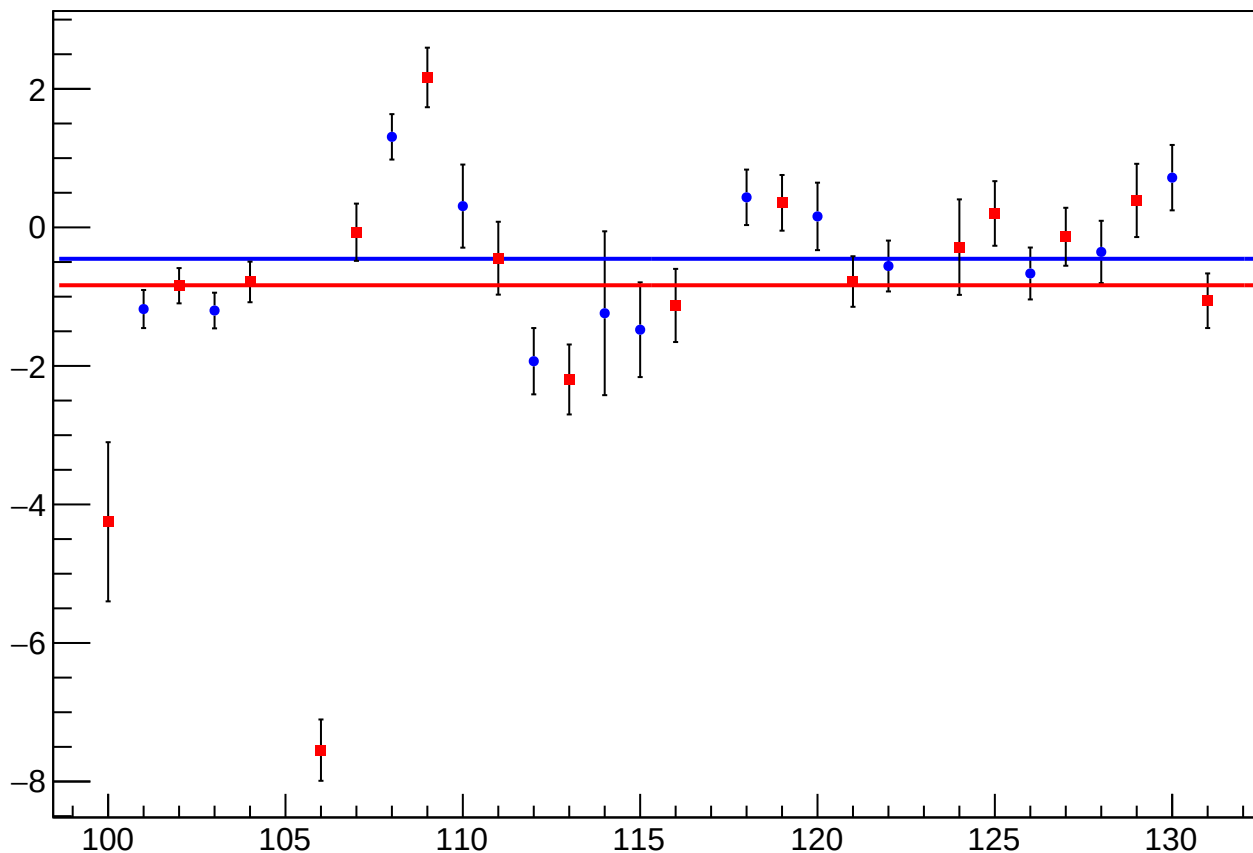
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -163.992+/-1.179 χ^2/NDF : 1561.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: -0.453 ± 0.110 χ^2/NDF : 71.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.835 ± 0.105 χ^2/NDF : 321.8/15

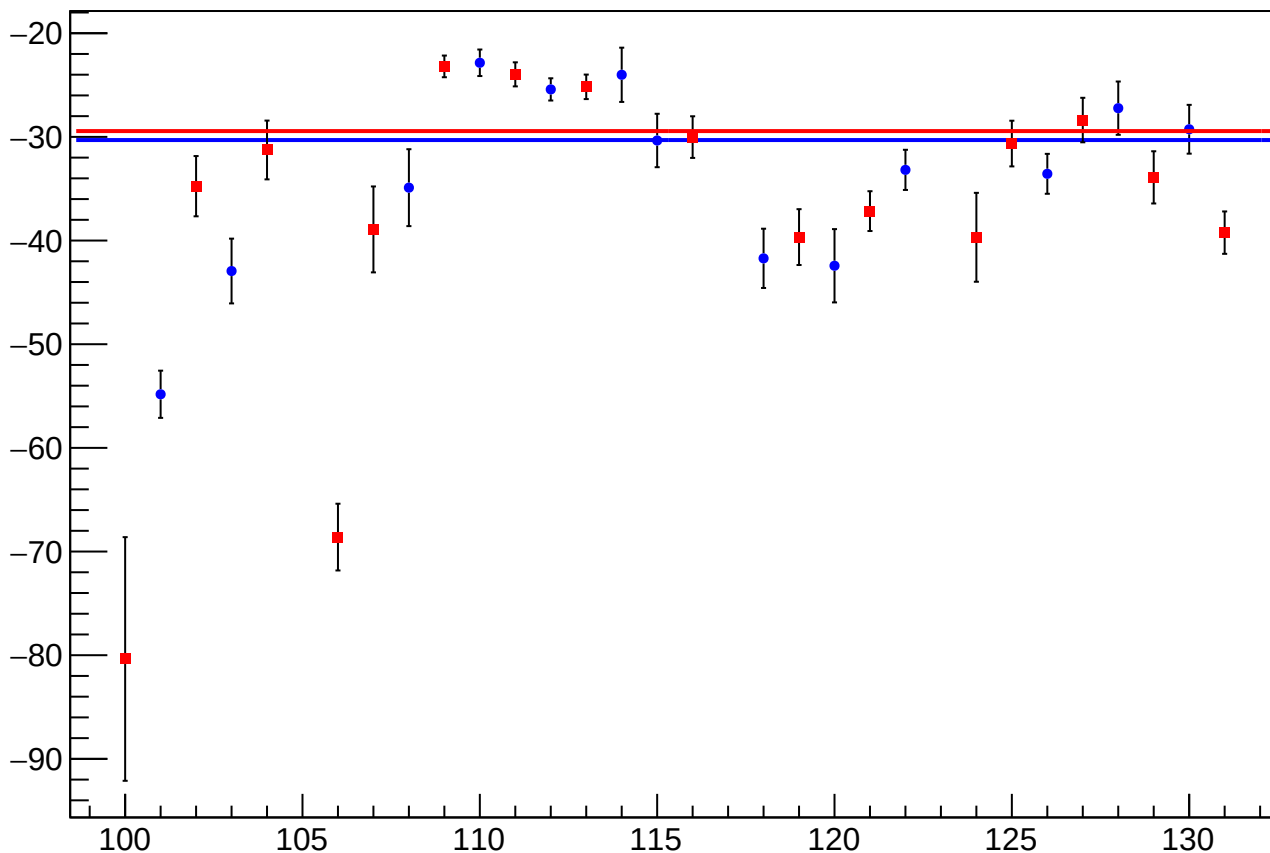
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.655 ± 0.076 χ^2/NDF : 399.2/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm1X_slope vs Slug



Right In: -30.305 ± 0.558 χ^2/NDF : 228.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -29.440 ± 0.482 χ^2/NDF : 309.7/15

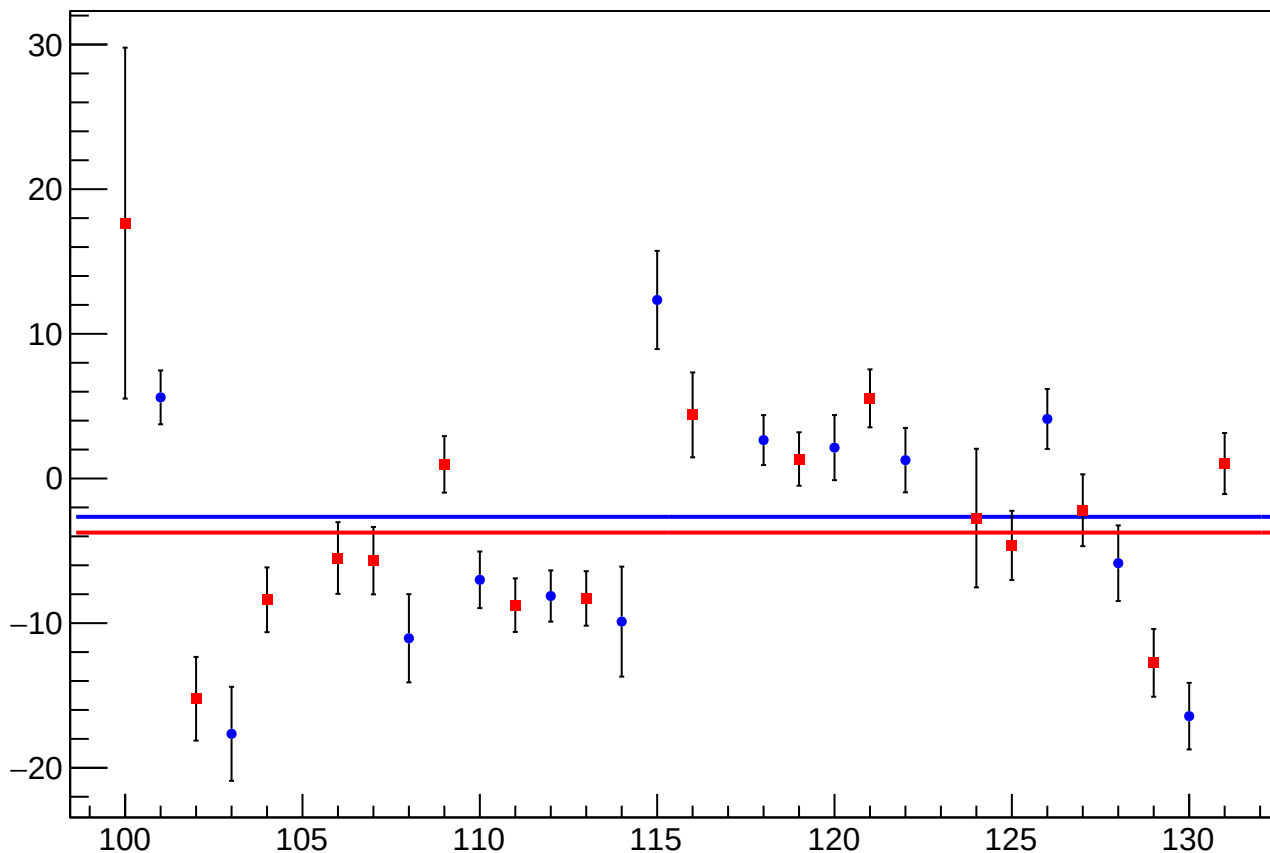
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -29.810 ± 0.365 χ^2/NDF : 539.9/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -2.649 ± 0.629 χ^2/NDF : 151.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.739 ± 0.582 χ^2/NDF : 100.6/15

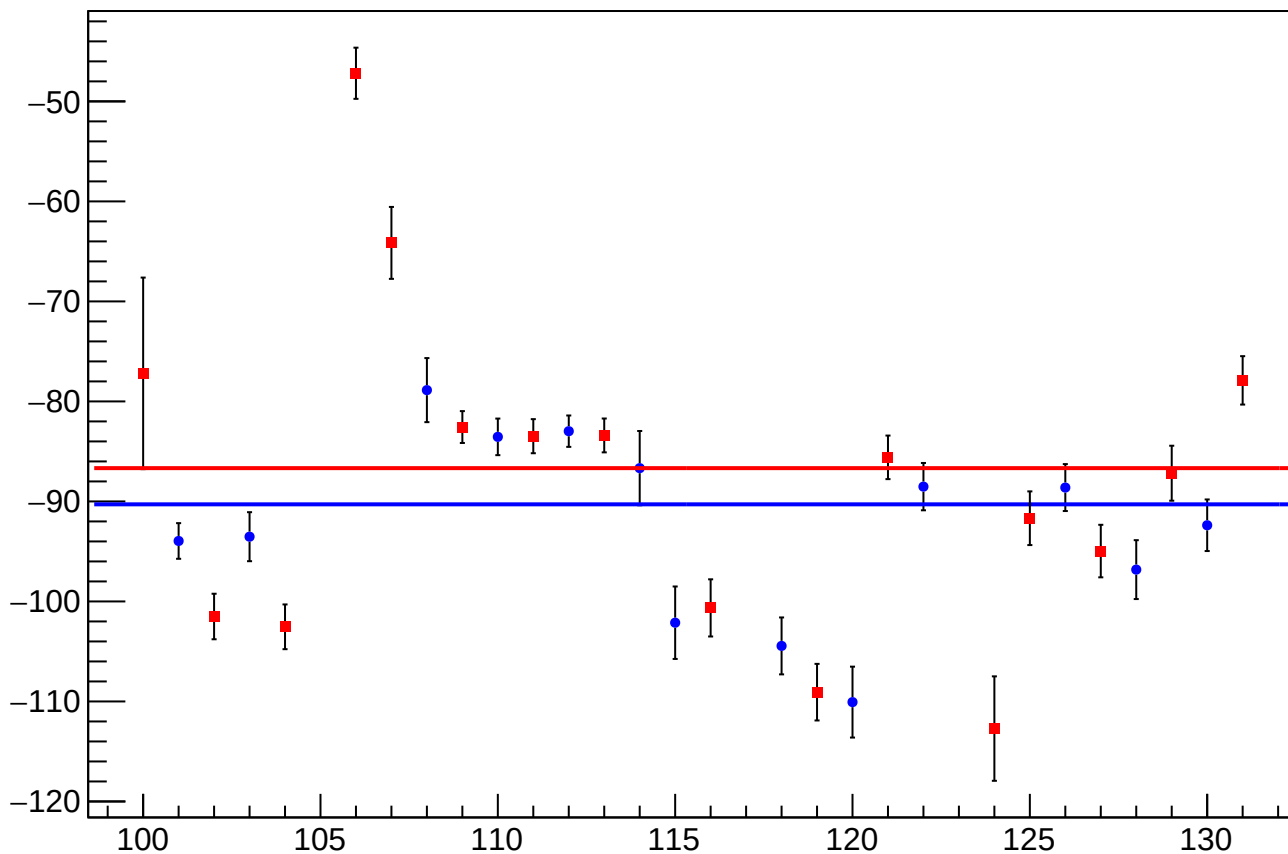
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.236 ± 0.427 χ^2/NDF : 253.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -90.291+/-0.665 χ^2/NDF : 128.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -86.671+/-0.597 χ^2/NDF : 523.4/15

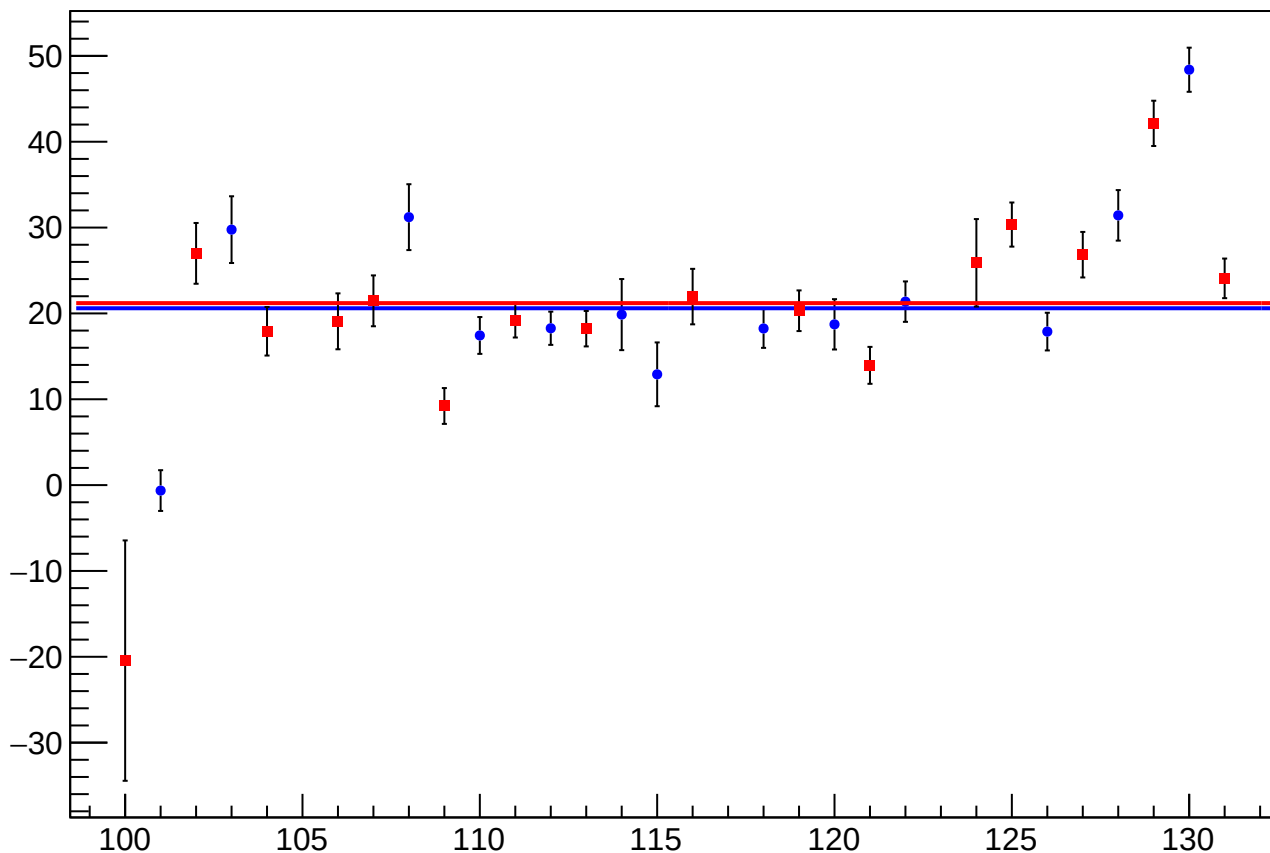
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -88.287+/-0.444 χ^2/NDF : 668.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 20.600 $\pm$ 0.727 χ^2 /NDF: 234.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.199 $\pm$ 0.662 χ^2 /NDF: 143.5/15

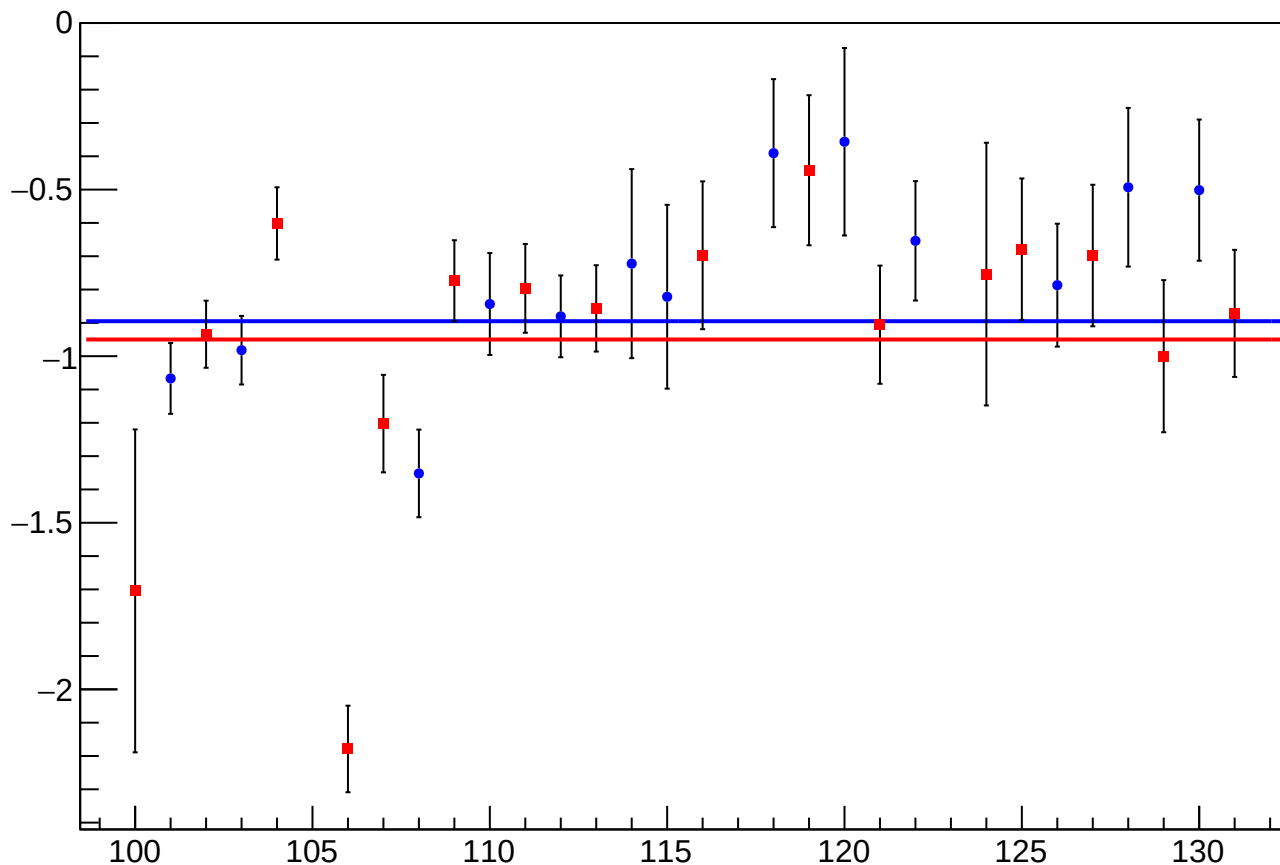
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.927 $\pm$ 0.489 χ^2 /NDF: 378.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.895 ± 0.044 χ^2/NDF : 33.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.950 ± 0.039 χ^2/NDF : 119.1/15

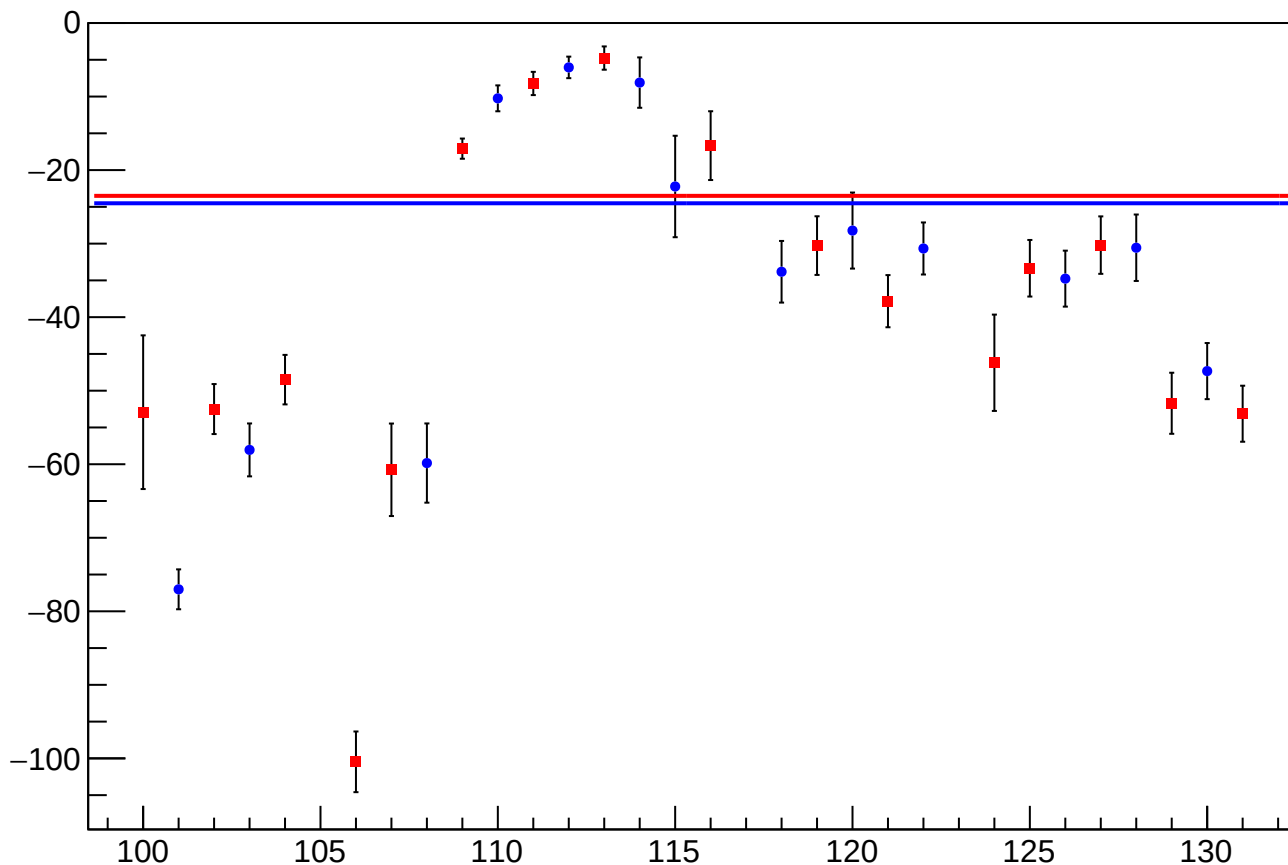
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.926 ± 0.029 χ^2/NDF : 153.2/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm1X_slope vs Slug



Right In: -24.513+/-0.816 χ^2/NDF : 805.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.504+/-0.695 χ^2/NDF : 923.9/15

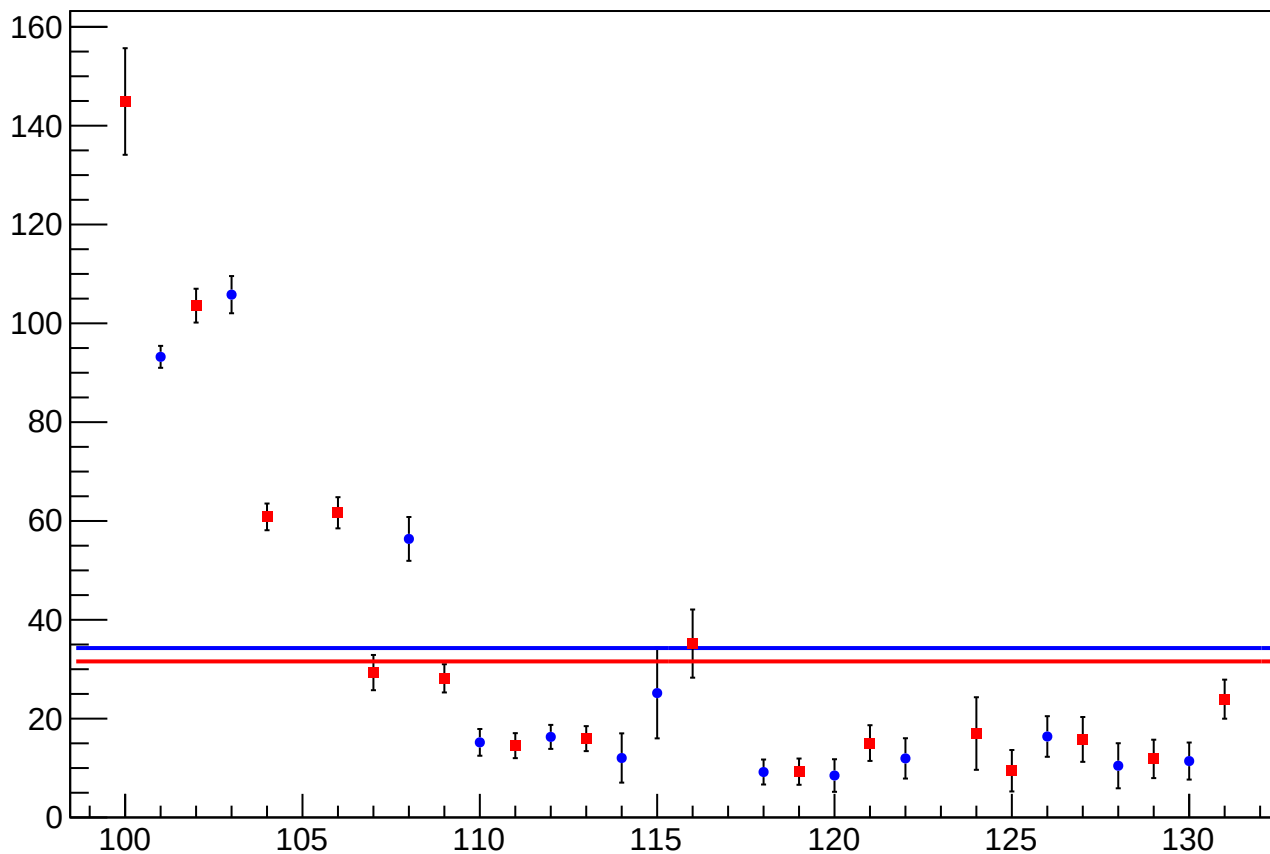
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.929+/-0.529 χ^2/NDF : 1730.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 34.283+/-0.925 χ^2/NDF : 1489.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.579+/-0.864 χ^2/NDF : 1011.8/15

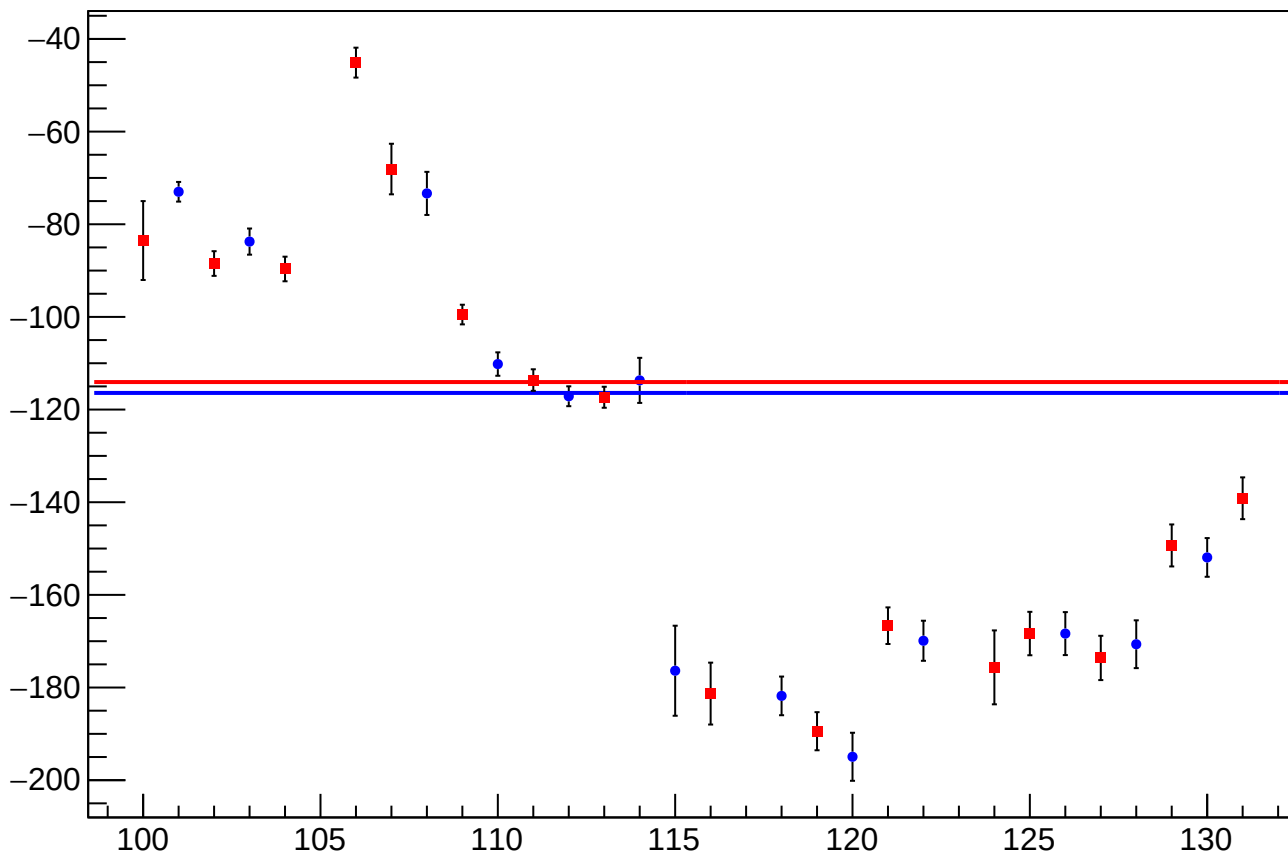
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.840+/-0.631 χ^2/NDF : 2505.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -116.409 $\pm$ 0.949 χ^2 /NDF: 1618.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -114.061 $\pm$ 0.852 χ^2 /NDF: 1820.5/15

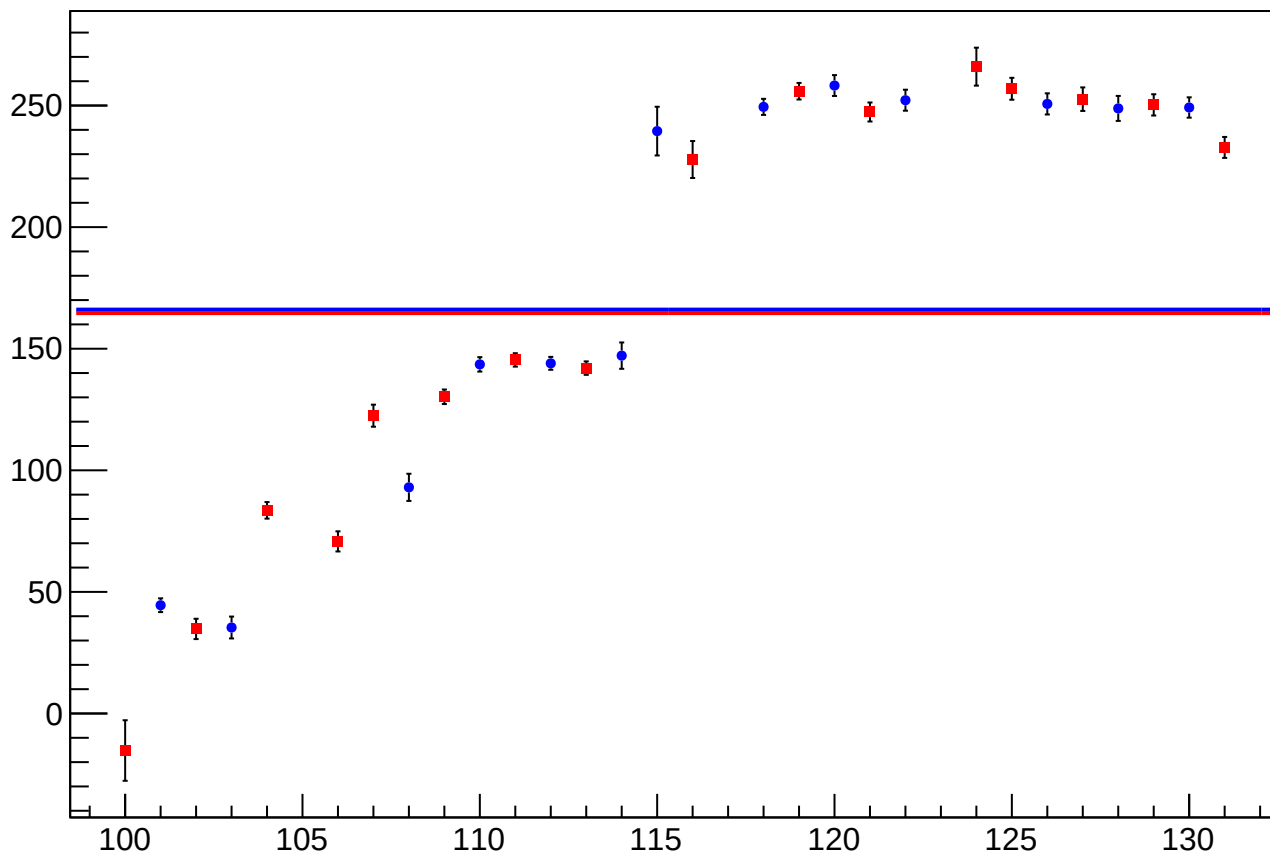
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -115.109 $\pm$ 0.634 χ^2 /NDF: 3442.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 166.075+/-1.082 χ^2/NDF : 5585.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 164.653+/-0.993 χ^2/NDF : 5374.0/15

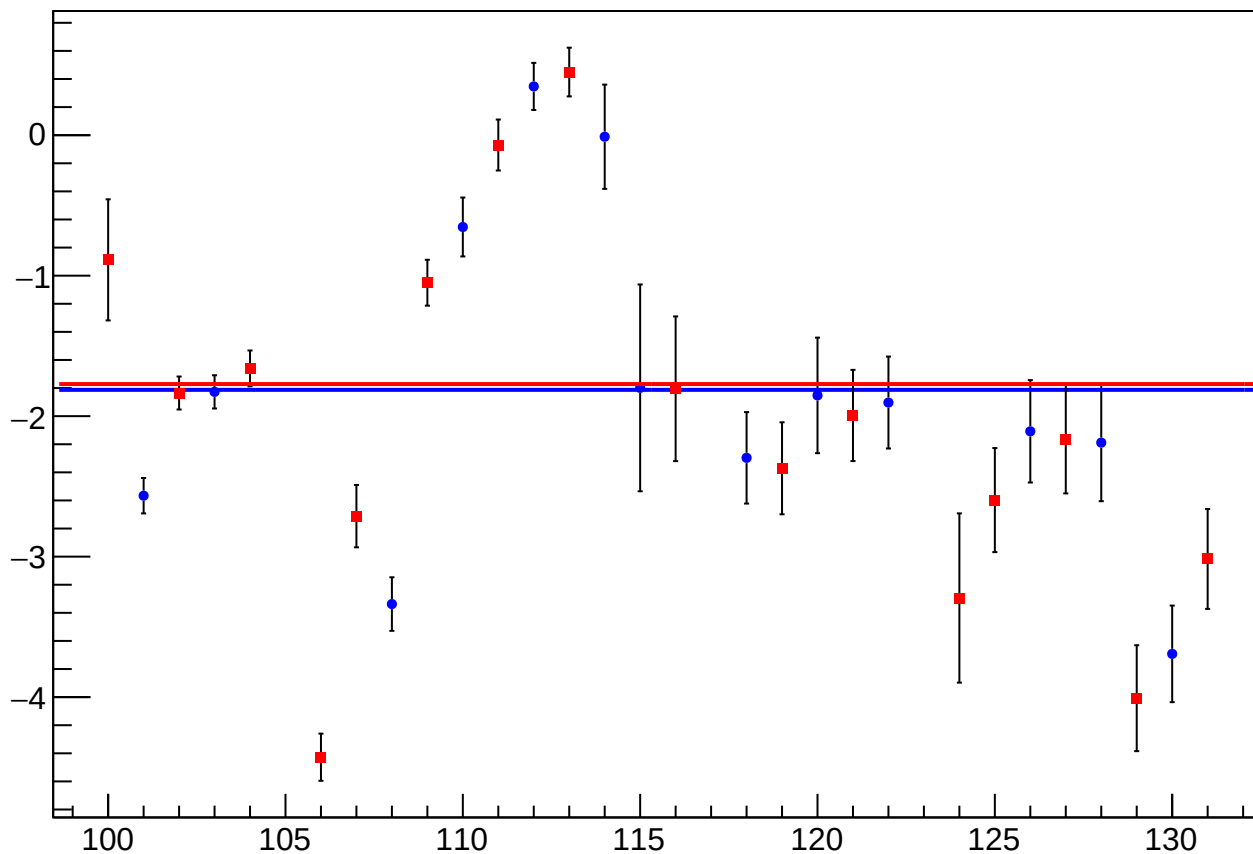
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.303+/-0.731 χ^2/NDF : 10960.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.813 ± 0.060 χ^2/NDF : 353.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.772 ± 0.053 χ^2/NDF : 608.5/15

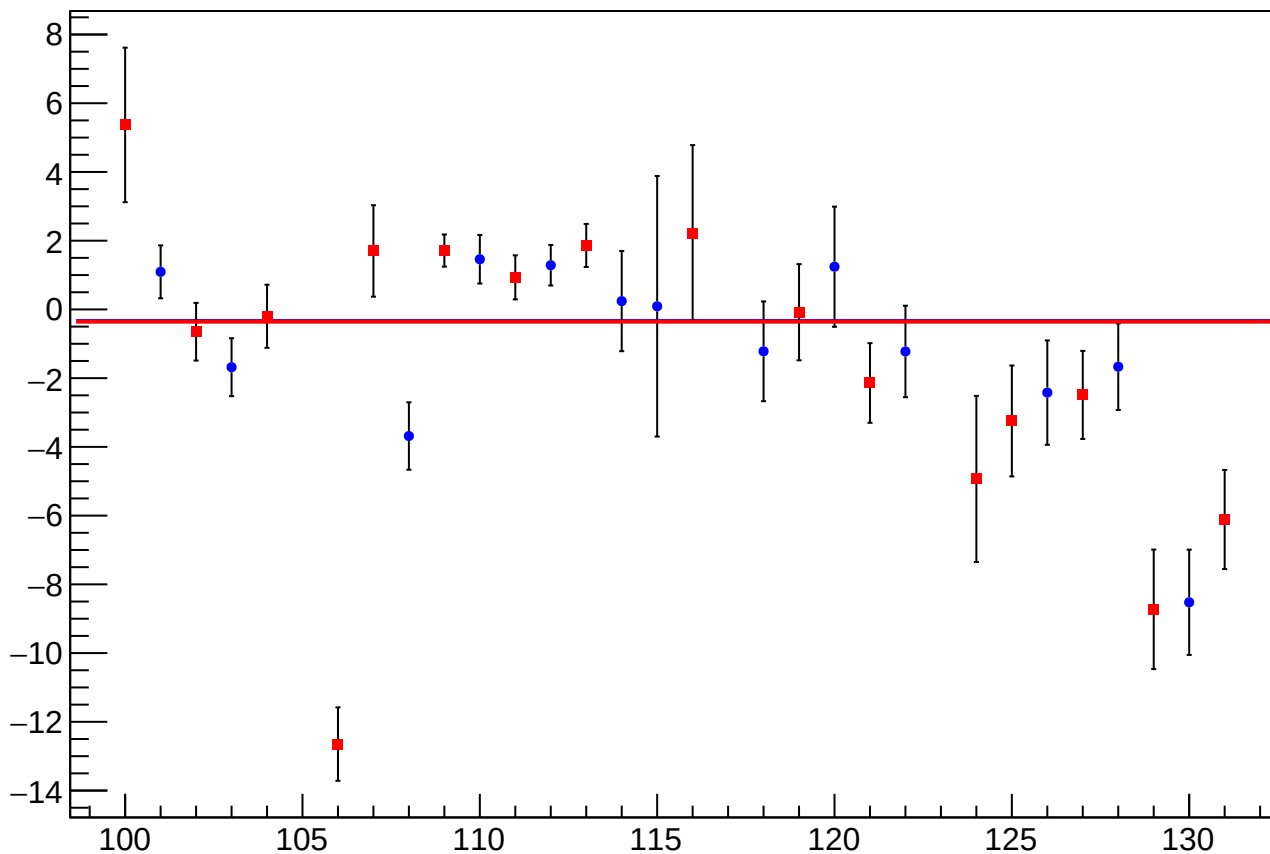
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.790 ± 0.040 χ^2/NDF : 962.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: -0.340 ± 0.284 χ^2/NDF : 65.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.355 ± 0.241 χ^2/NDF : 229.7/15

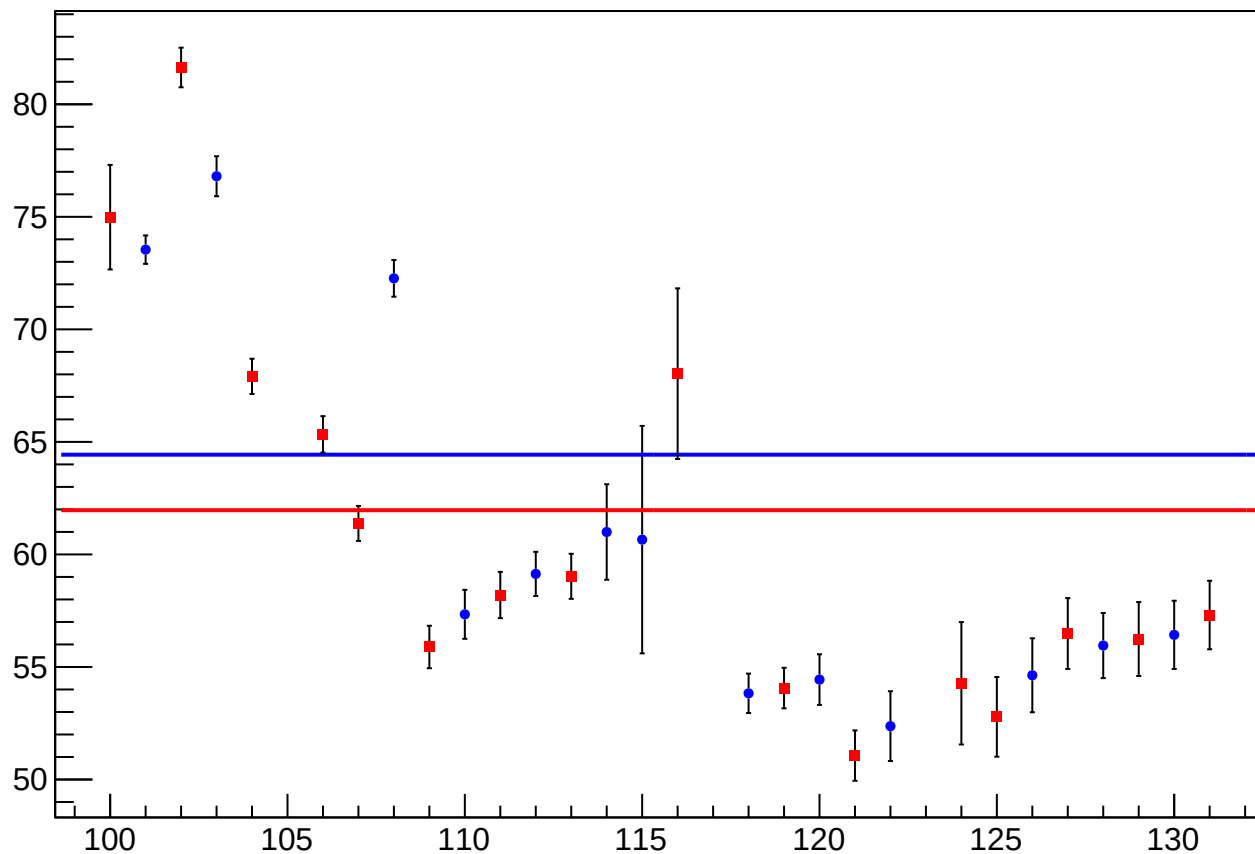
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.349 ± 0.184 χ^2/NDF : 294.7/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 64.433+/-0.299 χ^2/NDF : 952.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.966+/-0.276 χ^2/NDF : 912.7/15

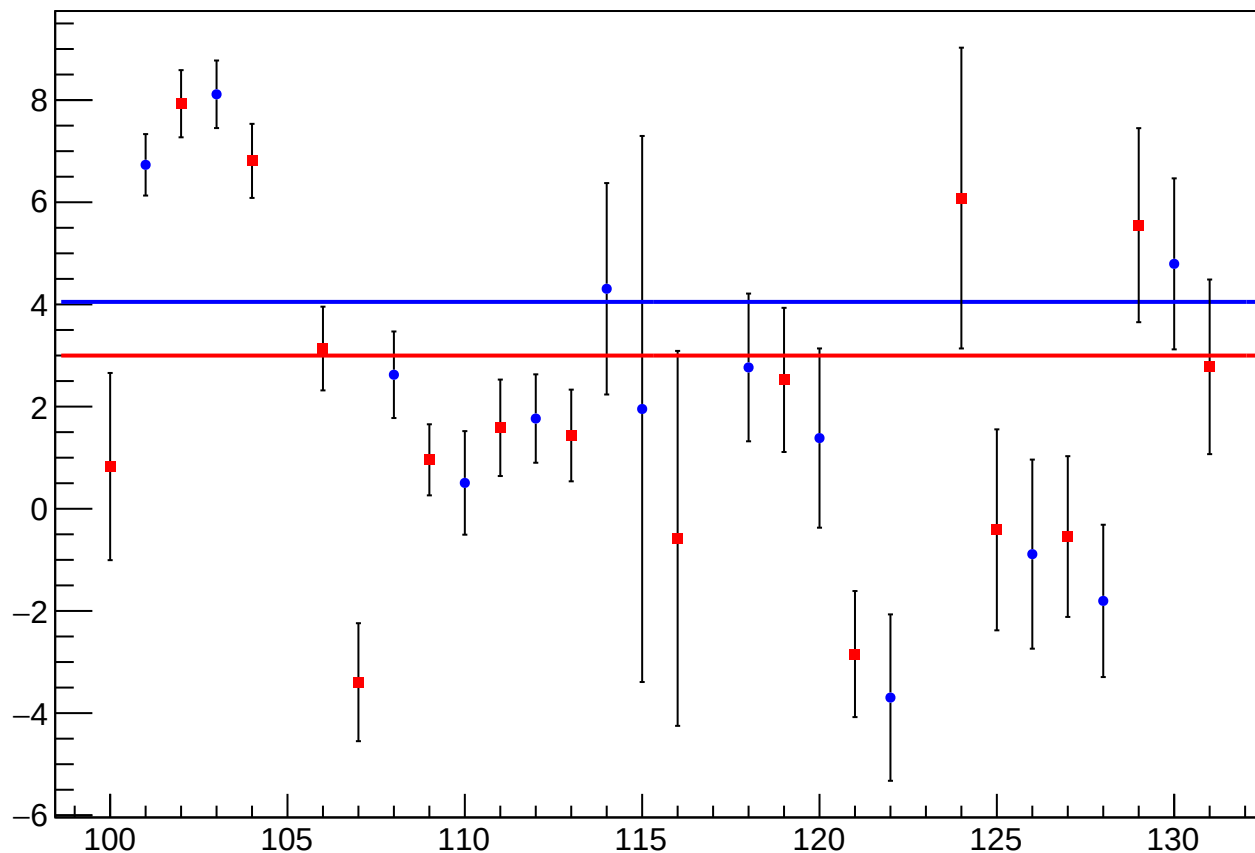
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.103+/-0.203 χ^2/NDF : 1901.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 4.050 ± 0.297 χ^2/NDF : 128.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.999 ± 0.269 χ^2/NDF : 164.3/15

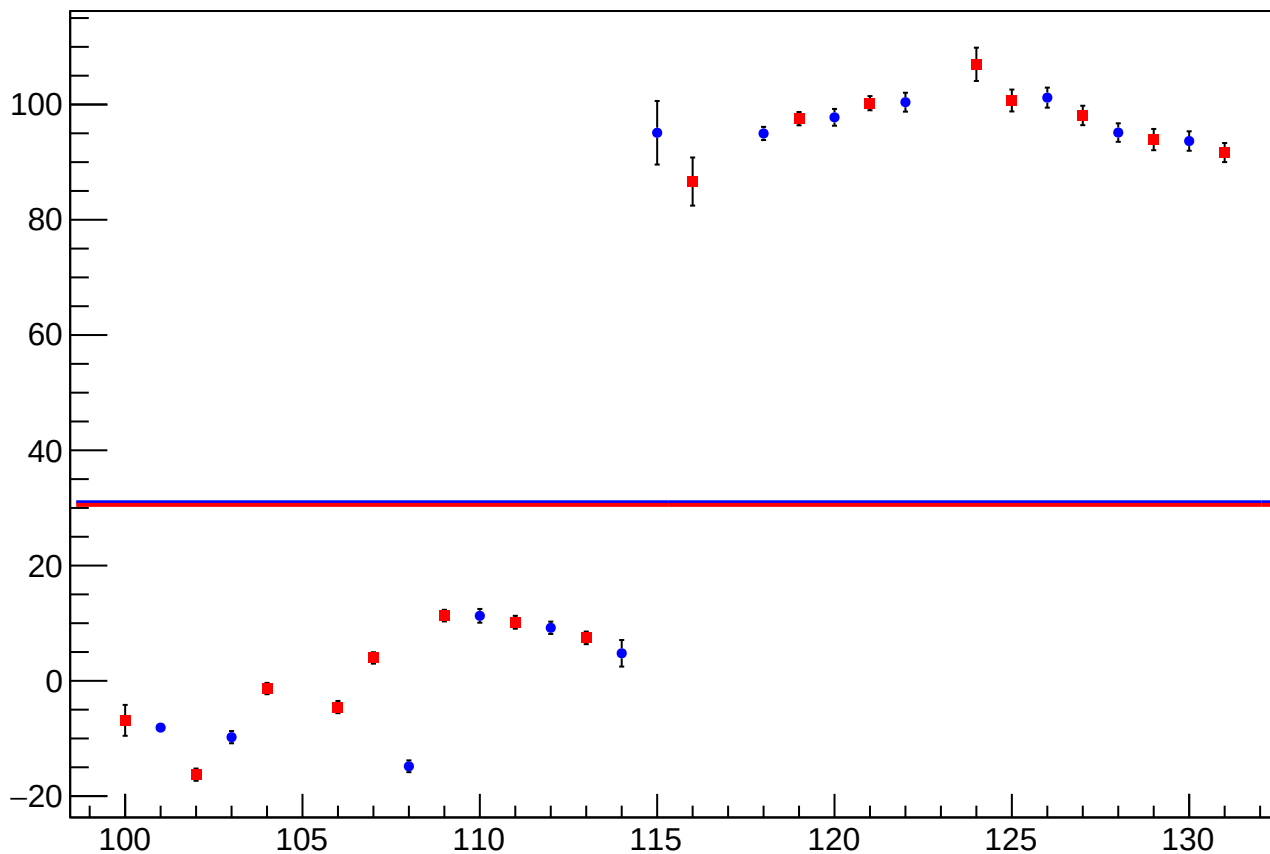
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 3.472 ± 0.200 χ^2/NDF : 299.5/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 30.980 $\pm$ 0.356 χ^2 /NDF: 18438.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 30.534 $\pm$ 0.325 χ^2 /NDF: 19122.3/15

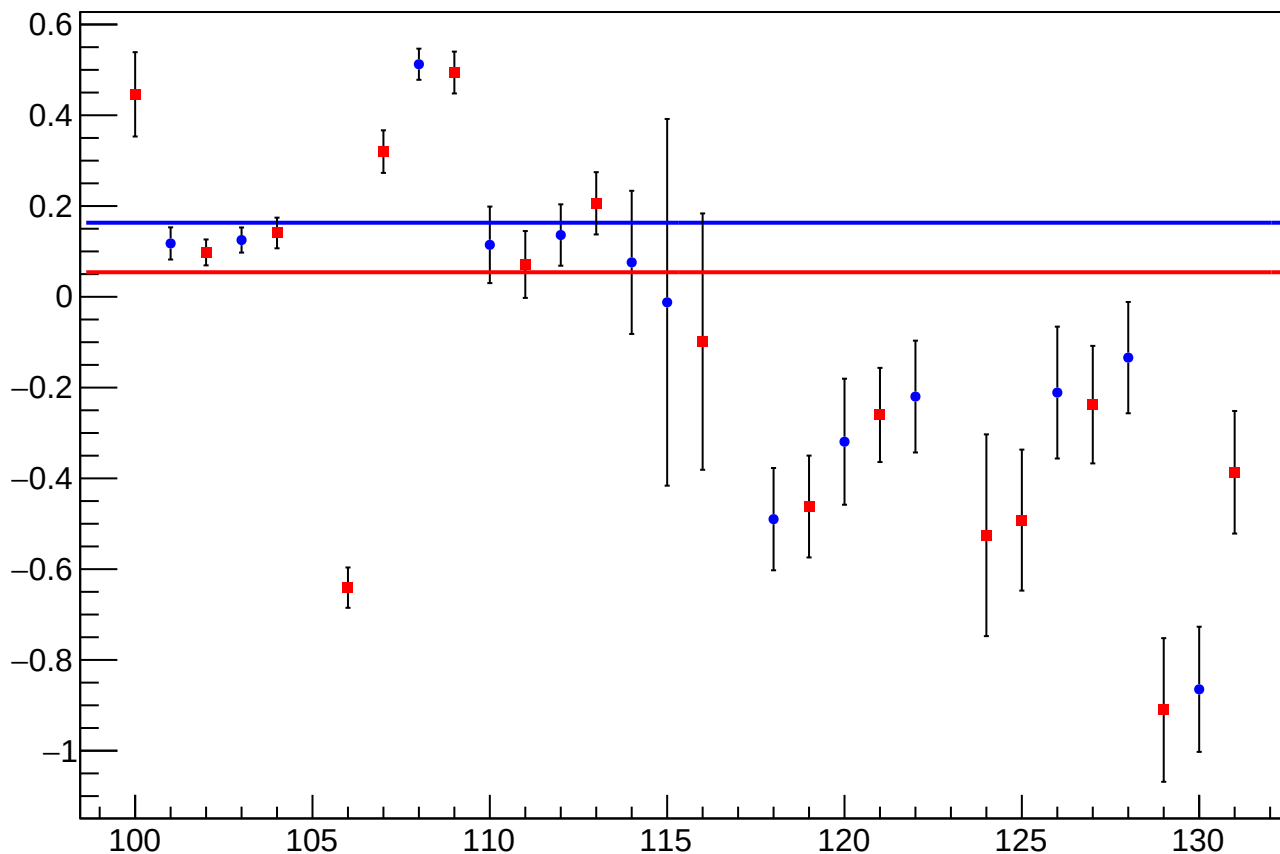
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.736 $\pm$ 0.240 χ^2 /NDF: 37561.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.163 $\pm$ 0.016 χ^2 /NDF: 231.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.054 $\pm$ 0.015 χ^2 /NDF: 502.0/15

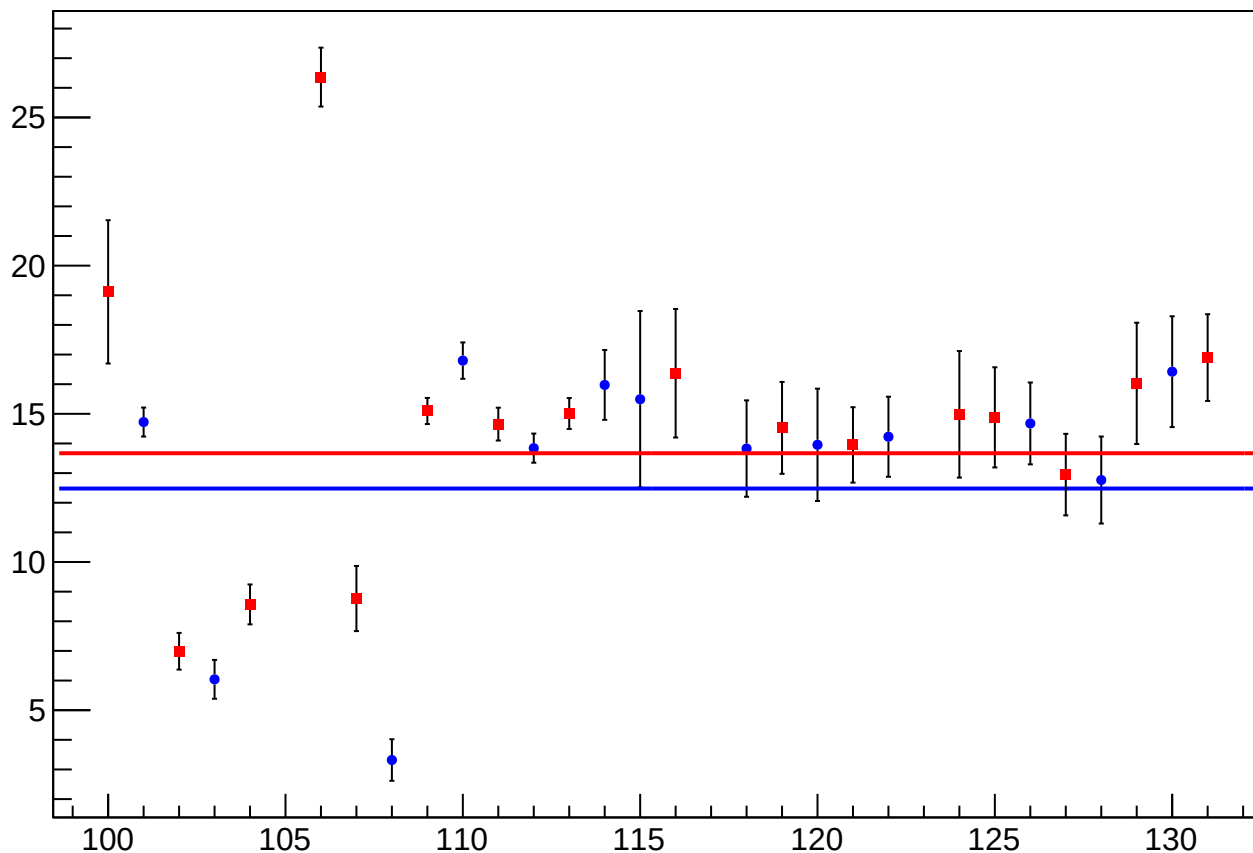
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.104 $\pm$ 0.011 χ^2 /NDF: 757.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam6_diff_bpm1X_slope vs Slug



Right In: 12.479 $\pm$ 0.232 χ^2 /NDF: 365.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.670 $\pm$ 0.213 χ^2 /NDF: 391.6/15

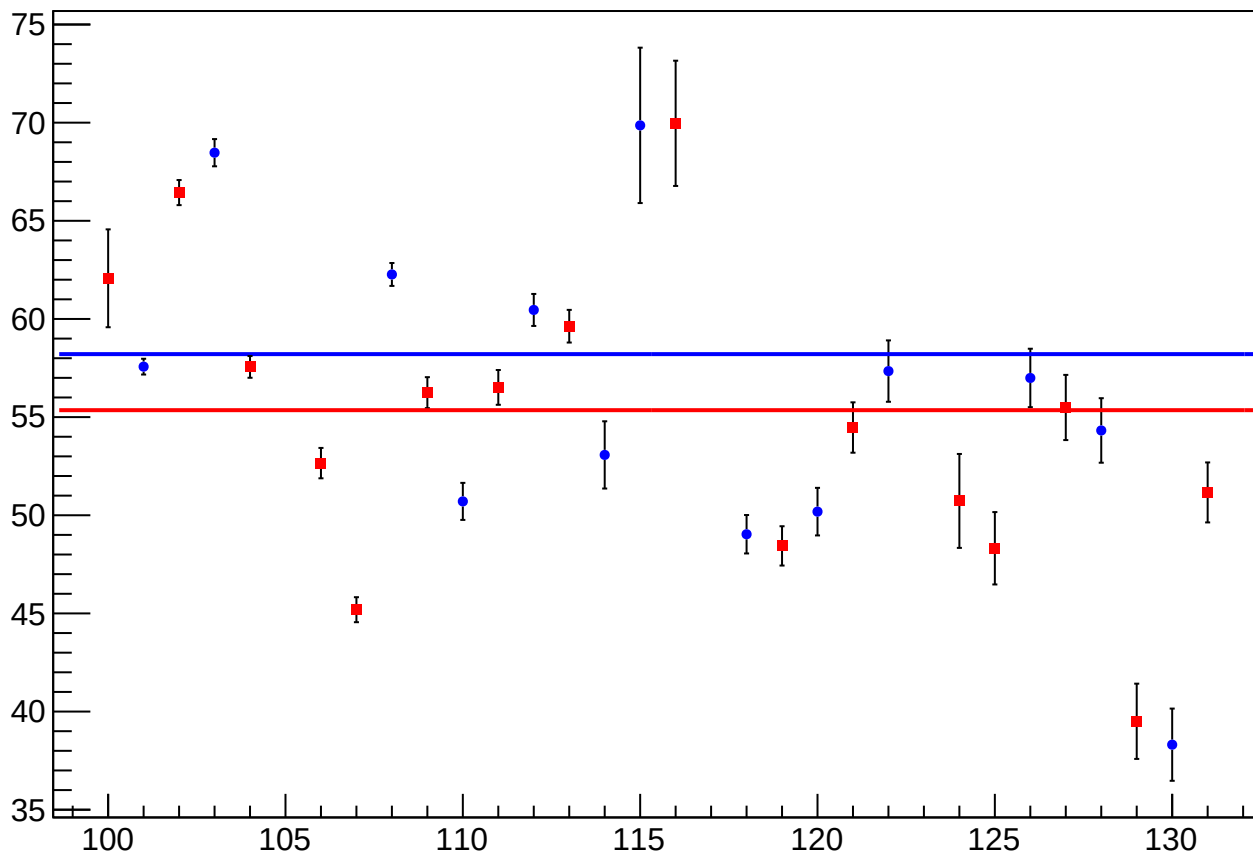
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.124 $\pm$ 0.157 χ^2 /NDF: 771.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 58.209+/-0.239 χ^2/NDF : 613.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.353+/-0.239 χ^2/NDF : 783.5/15

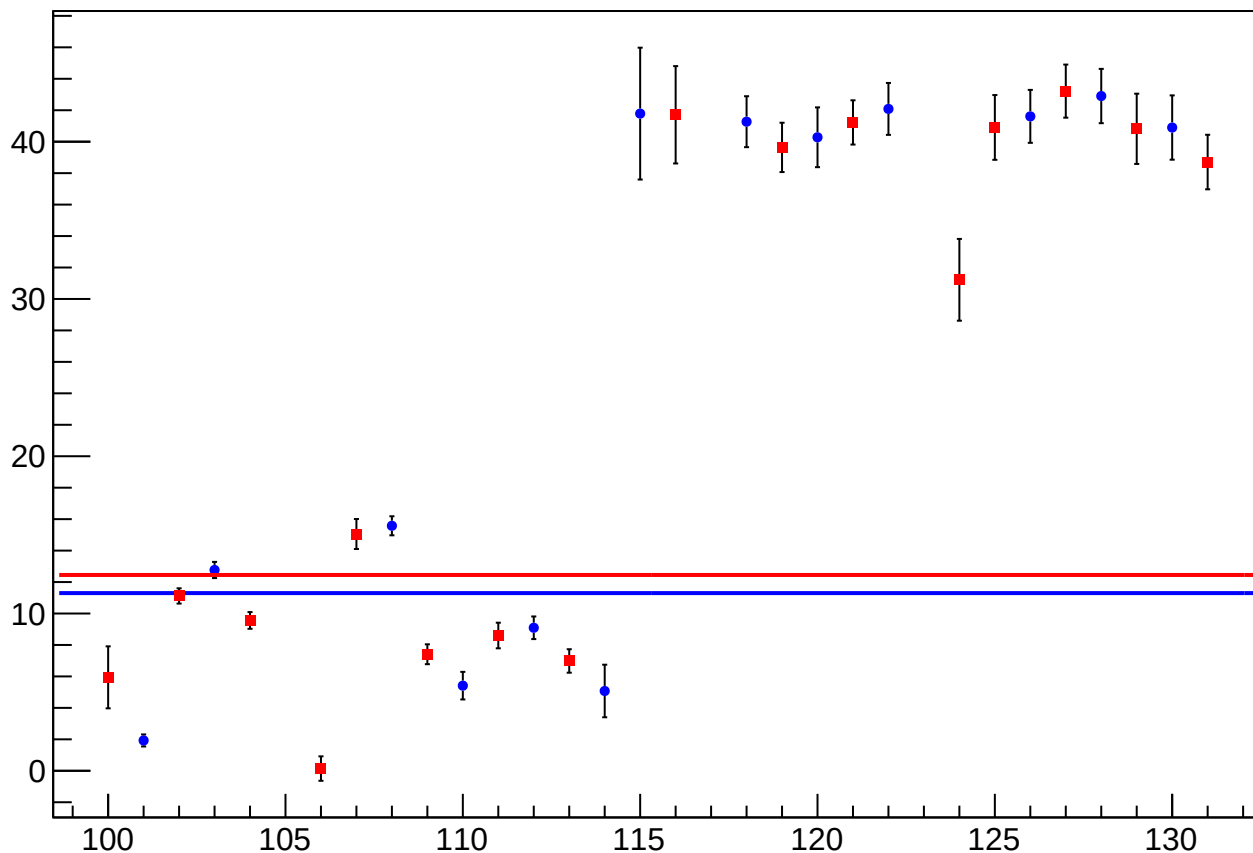
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.778+/-0.169 χ^2/NDF : 1468.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: 11.298+/-0.230 χ^2/NDF : 2570.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.451+/-0.230 χ^2/NDF : 2220.2/15

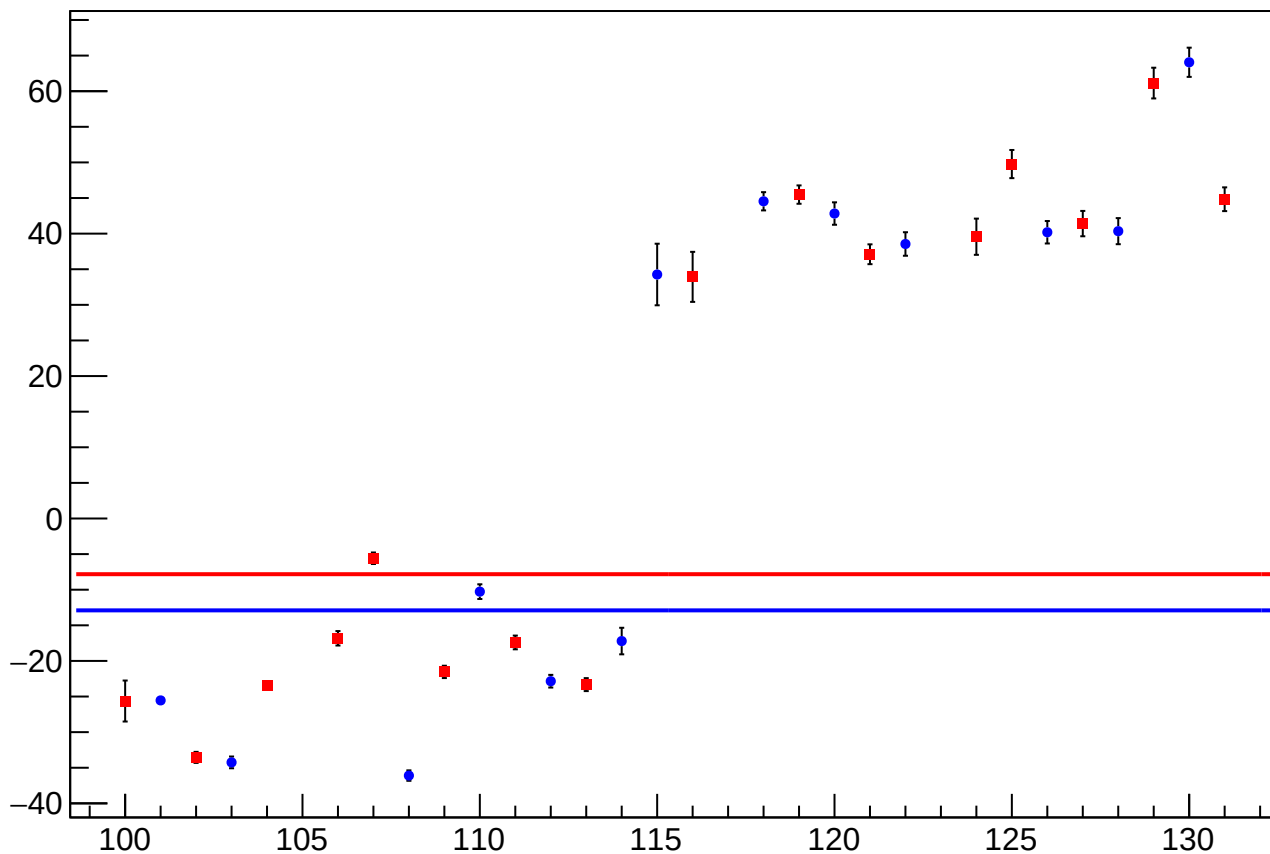
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.874+/-0.163 χ^2/NDF : 4803.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: -12.901 ± 0.288 χ^2/NDF : 10161.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.821 ± 0.283 χ^2/NDF : 9250.5/15

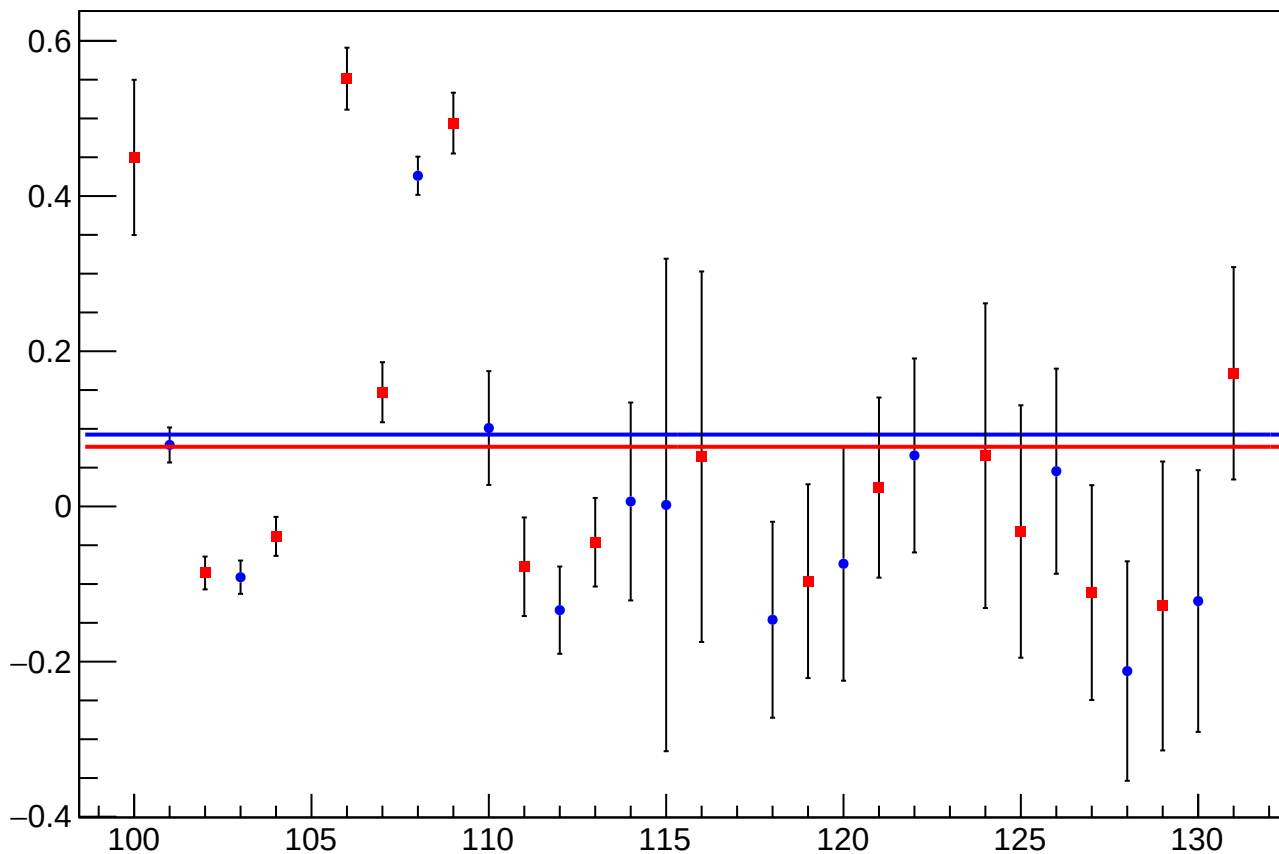
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -10.316 ± 0.202 χ^2/NDF : 19569.8/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.093 $\pm$ 0.012 χ^2 /NDF: 285.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.077 $\pm$ 0.012 χ^2 /NDF: 368.5/15

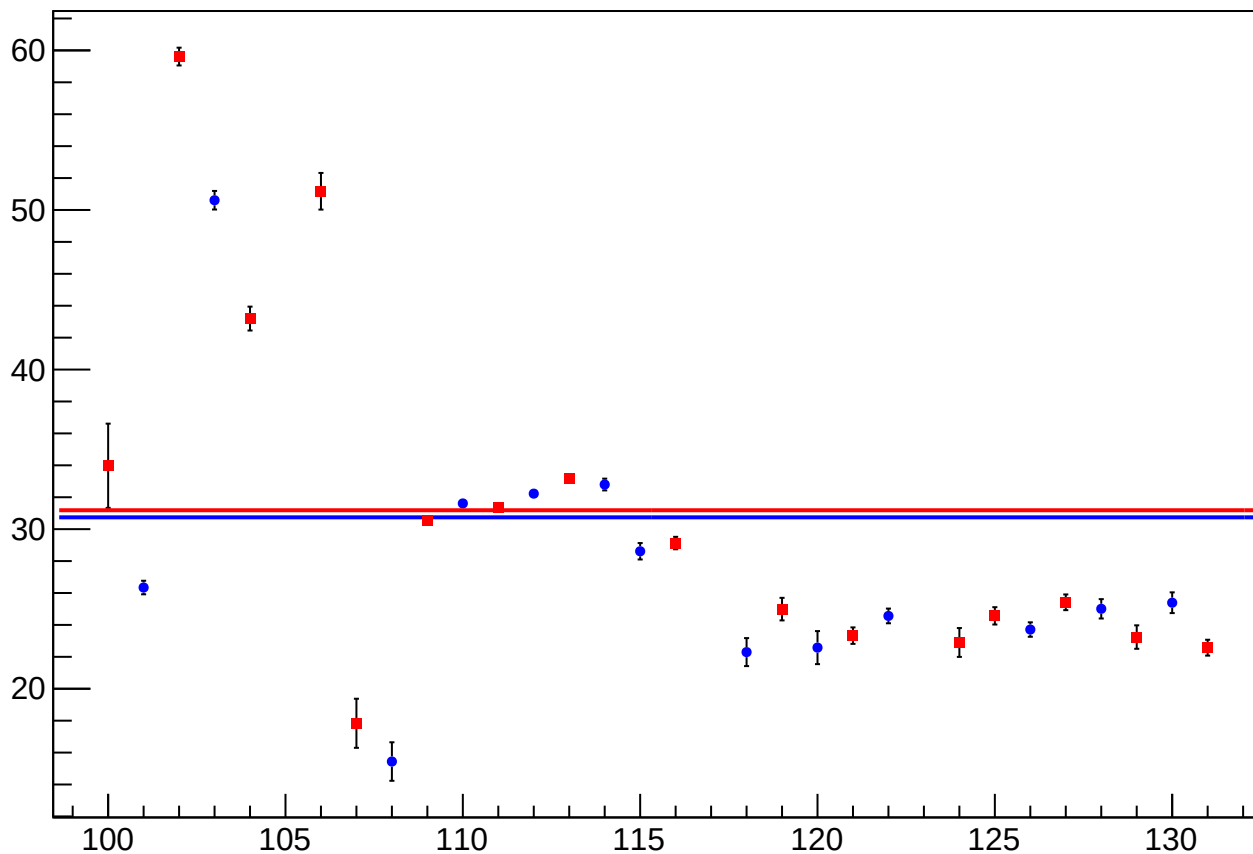
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.085 $\pm$ 0.009 χ^2 /NDF: 654.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 30.741 $\pm$ 0.100 χ^2 /NDF: 2318.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.185 $\pm$ 0.082 χ^2 /NDF: 4506.7/15

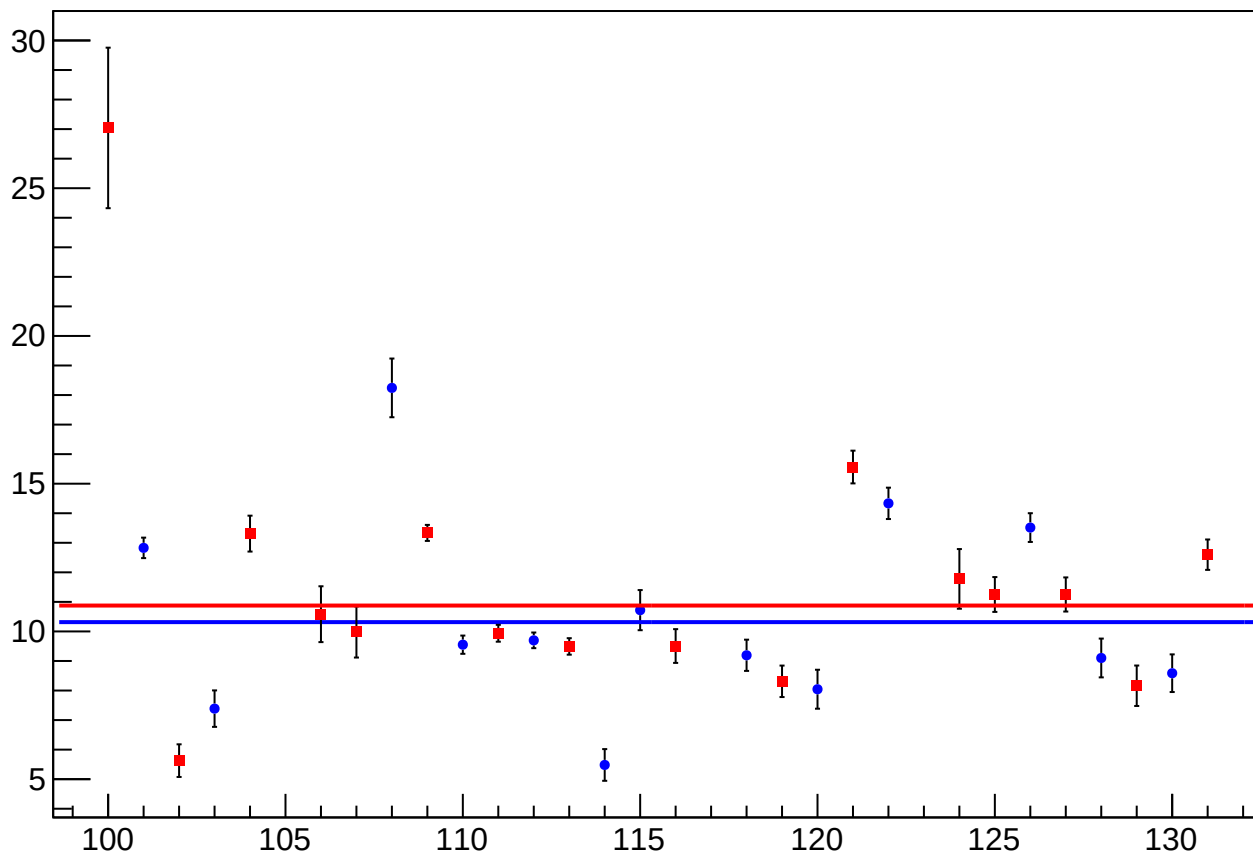
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 31.005 $\pm$ 0.063 χ^2 /NDF: 6837.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.315+/-0.128 χ^2 /NDF: 359.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 10.876+/-0.120 χ^2 /NDF: 389.5/15

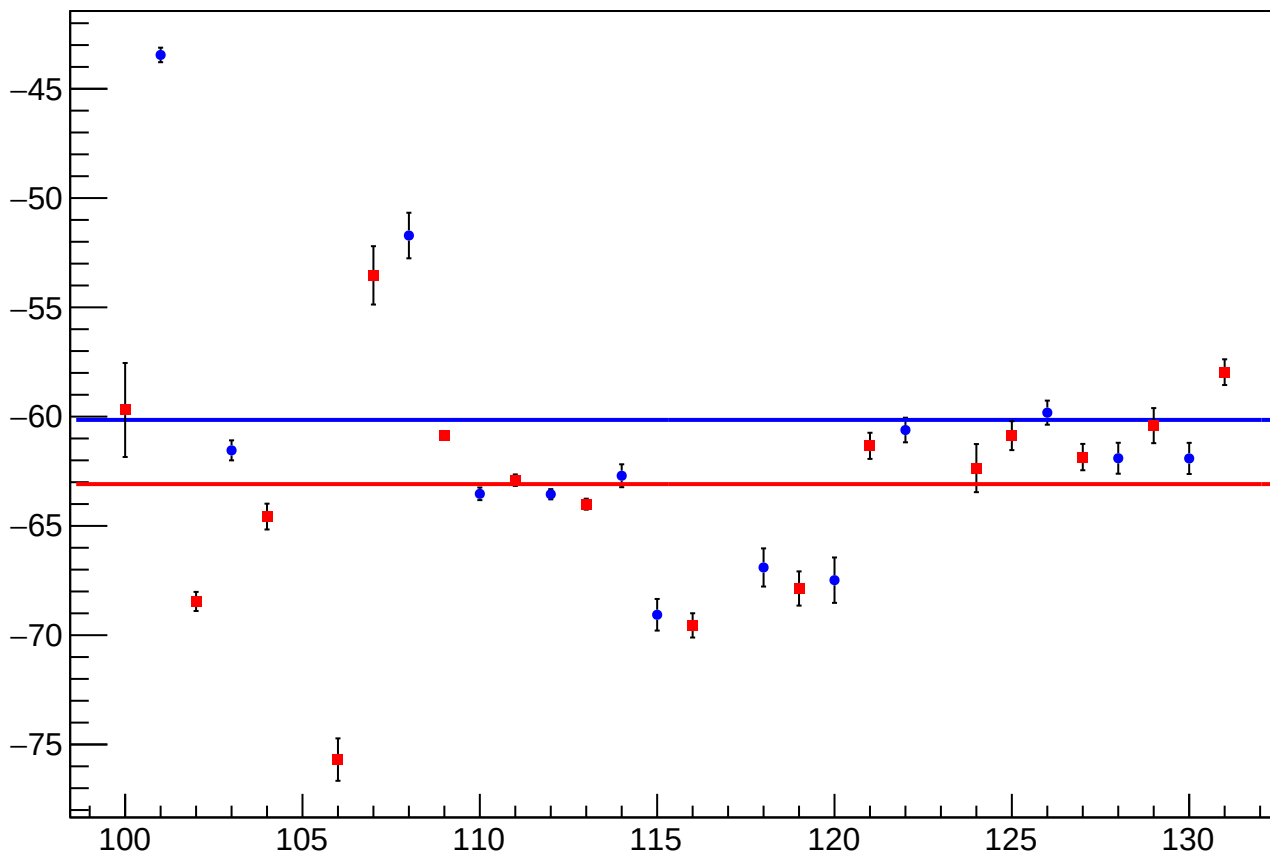
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 10.615+/-0.087 χ^2 /NDF: 759.4/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -60.150 ± 0.126 χ^2/NDF : 3243.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -63.087 ± 0.112 χ^2/NDF : 783.9/15

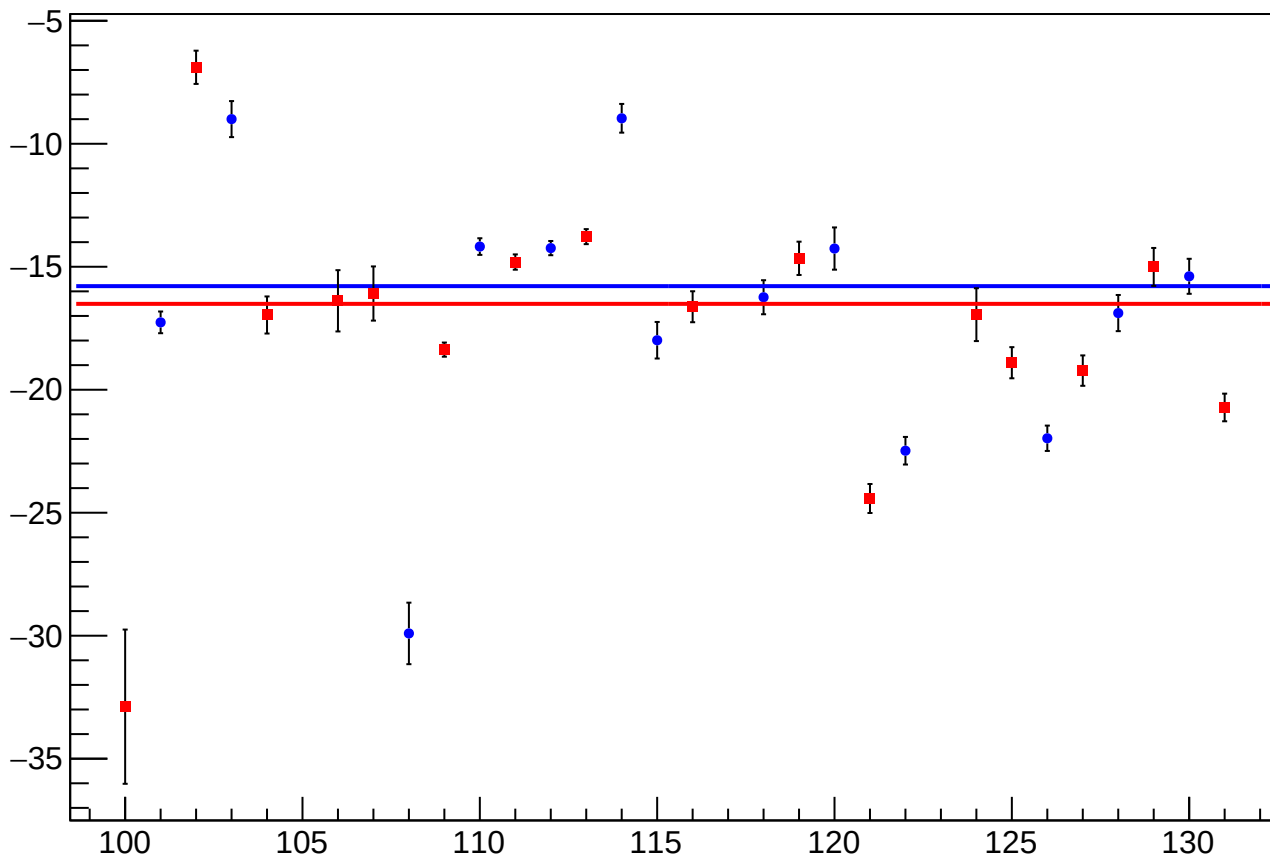
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -61.788 ± 0.084 χ^2/NDF : 4331.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -15.788 ± 0.145 χ^2/NDF : 713.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.509 ± 0.132 χ^2/NDF : 663.7/15

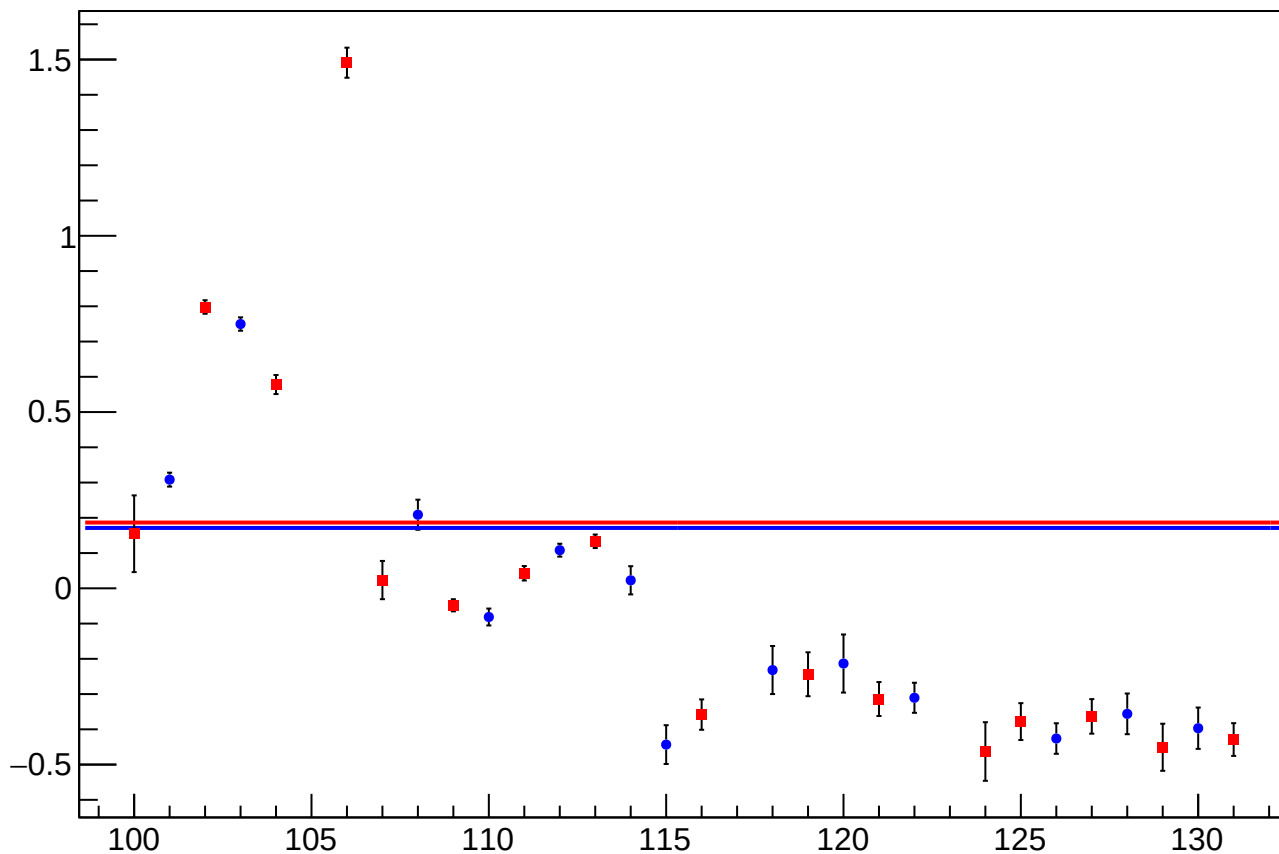
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.182 ± 0.098 χ^2/NDF : 1390.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: 0.171+/-0.009 χ^2/NDF : 1789.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.187+/-0.008 χ^2/NDF : 3299.1/15

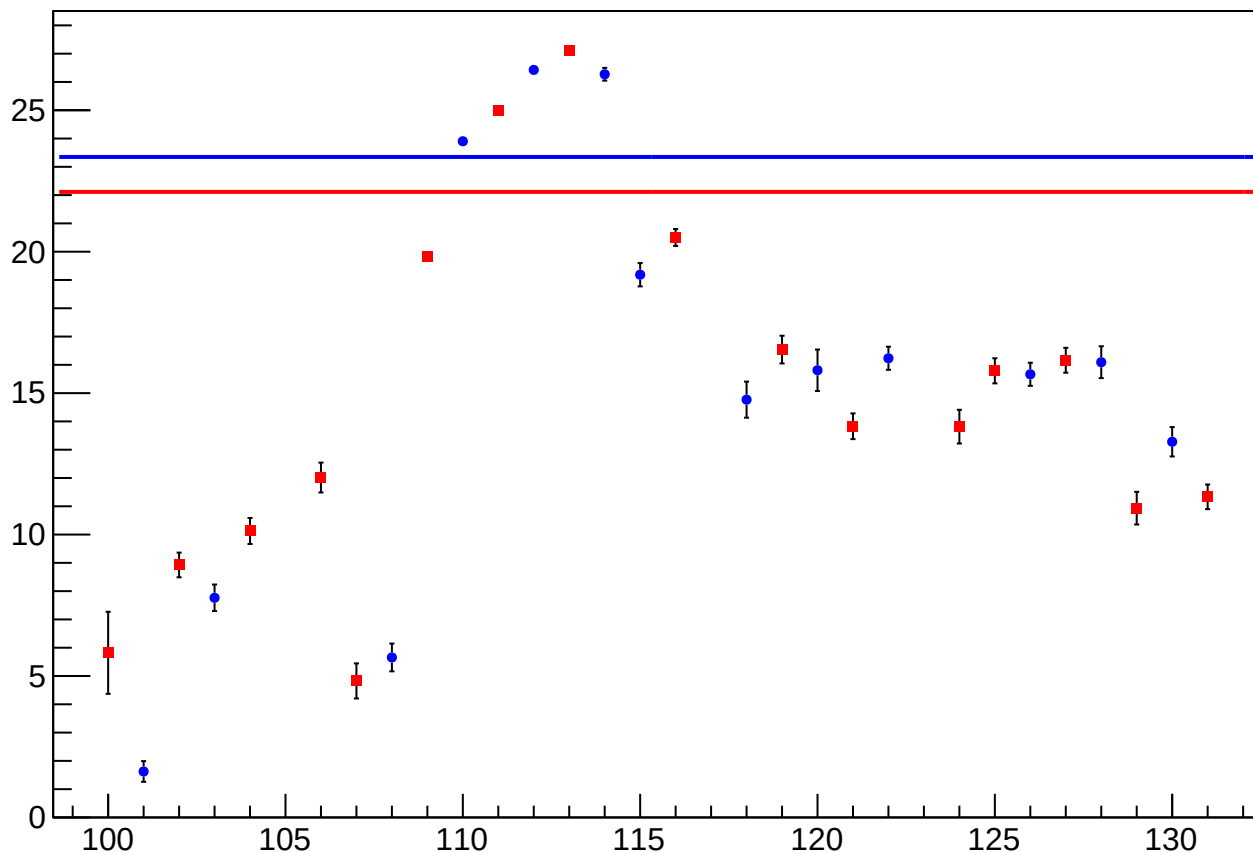
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.180+/-0.006 χ^2/NDF : 5090.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 23.348 $\pm$ 0.059 χ^2 /NDF: 8973.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.114 $\pm$ 0.047 χ^2 /NDF: 9368.2/15

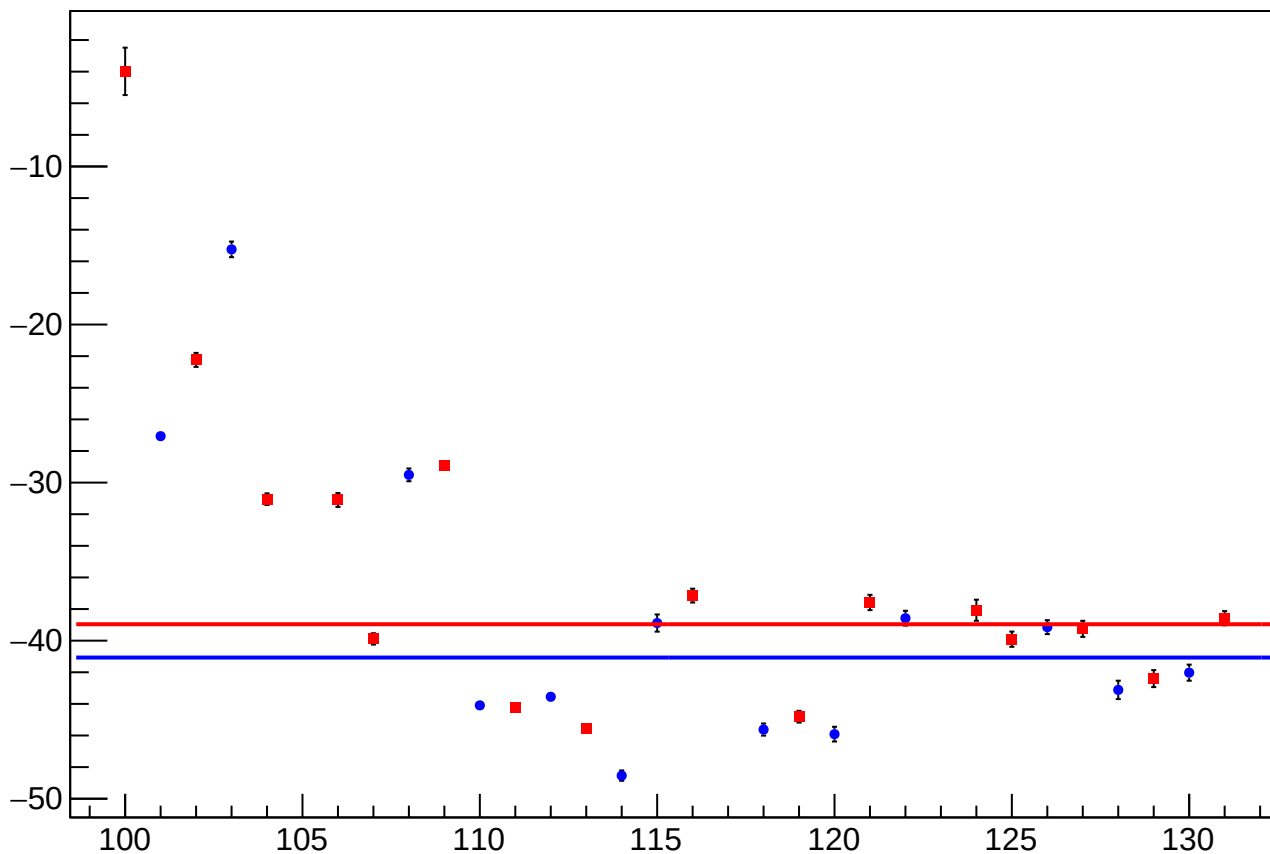
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.591 $\pm$ 0.037 χ^2 /NDF: 18608.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -41.069+/-0.083 χ^2/NDF : 7234.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.961+/-0.074 χ^2/NDF : 9729.5/15

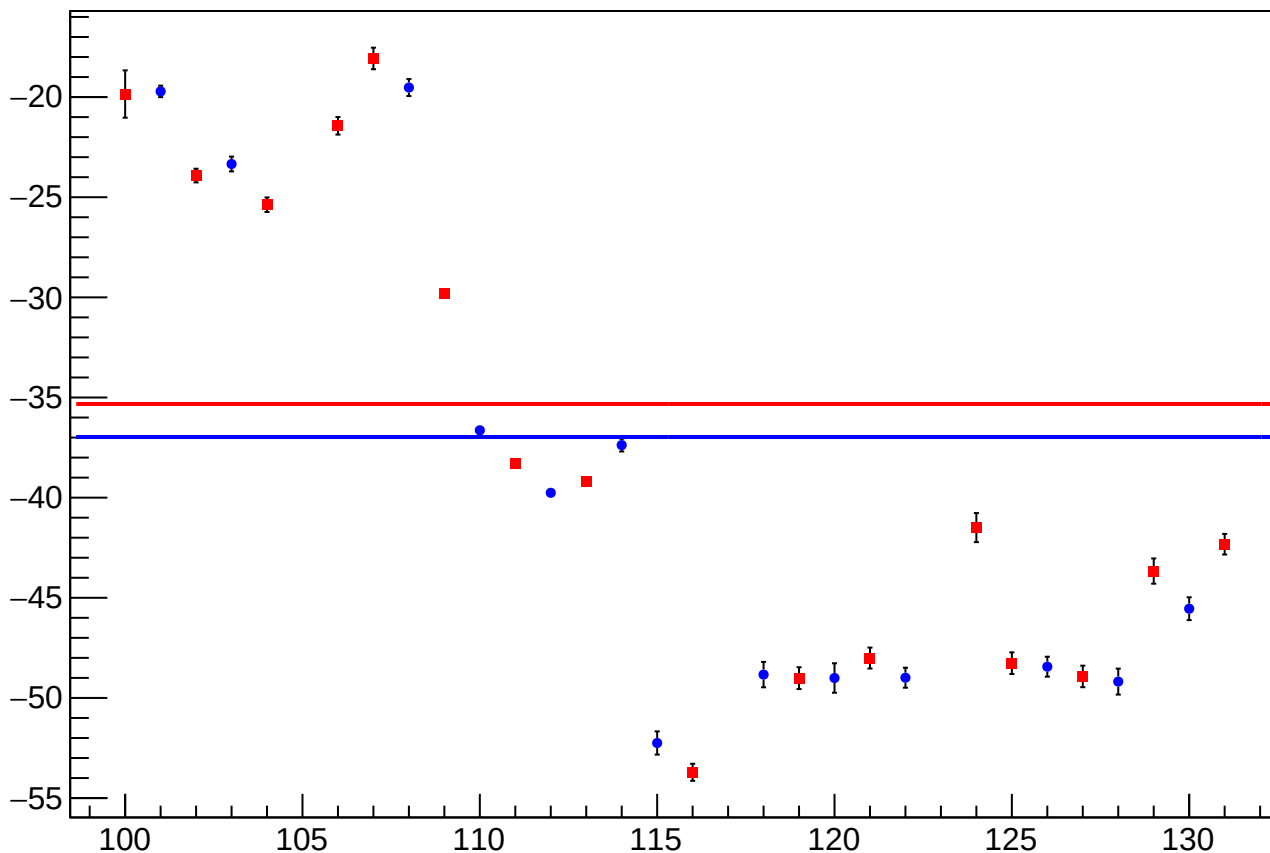
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.894+/-0.055 χ^2/NDF : 17327.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -36.973 ± 0.079 $\chi^2/\text{NDF}: 10193.3/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -35.323 ± 0.066 $\chi^2/\text{NDF}: 12209.2/15$

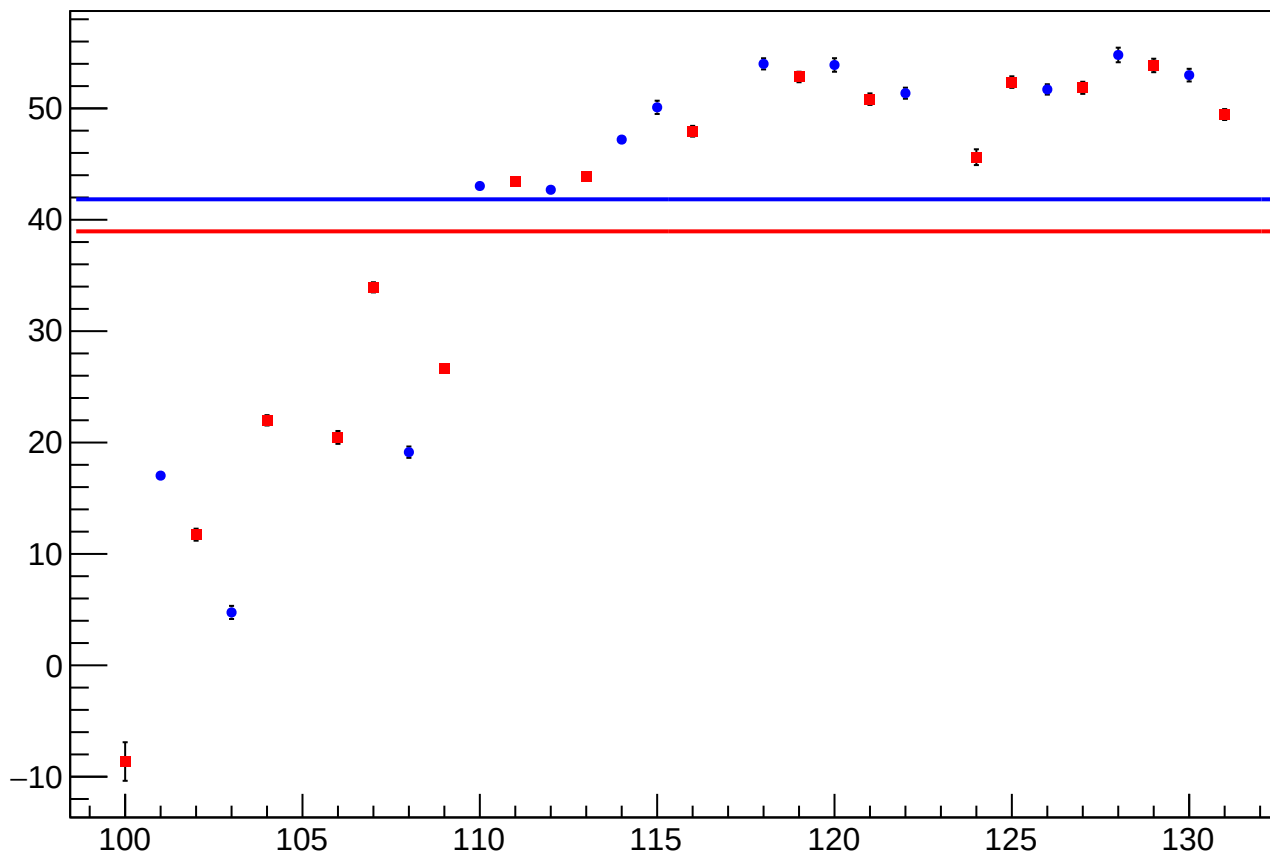
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -36.001 ± 0.051 $\chi^2/\text{NDF}: 22660.0/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 41.836+/-0.093 χ^2 /NDF: 13287.3/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 38.960+/-0.081 χ^2 /NDF: 16649.8/15

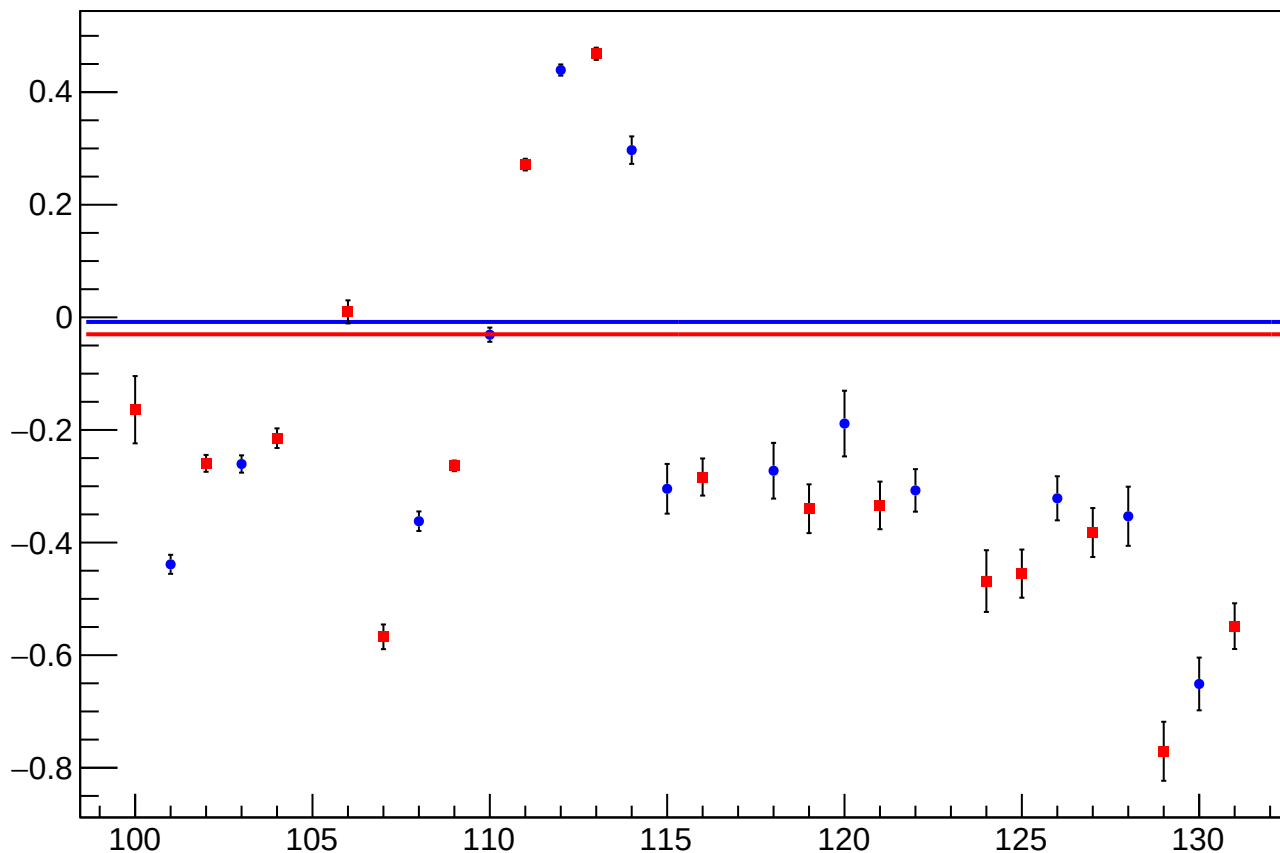
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 40.206+/-0.061 χ^2 /NDF: 30482.4/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.008 $\pm$ 0.006 χ^2 /NDF: 3956.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.030 $\pm$ 0.005 χ^2 /NDF: 5290.4/15

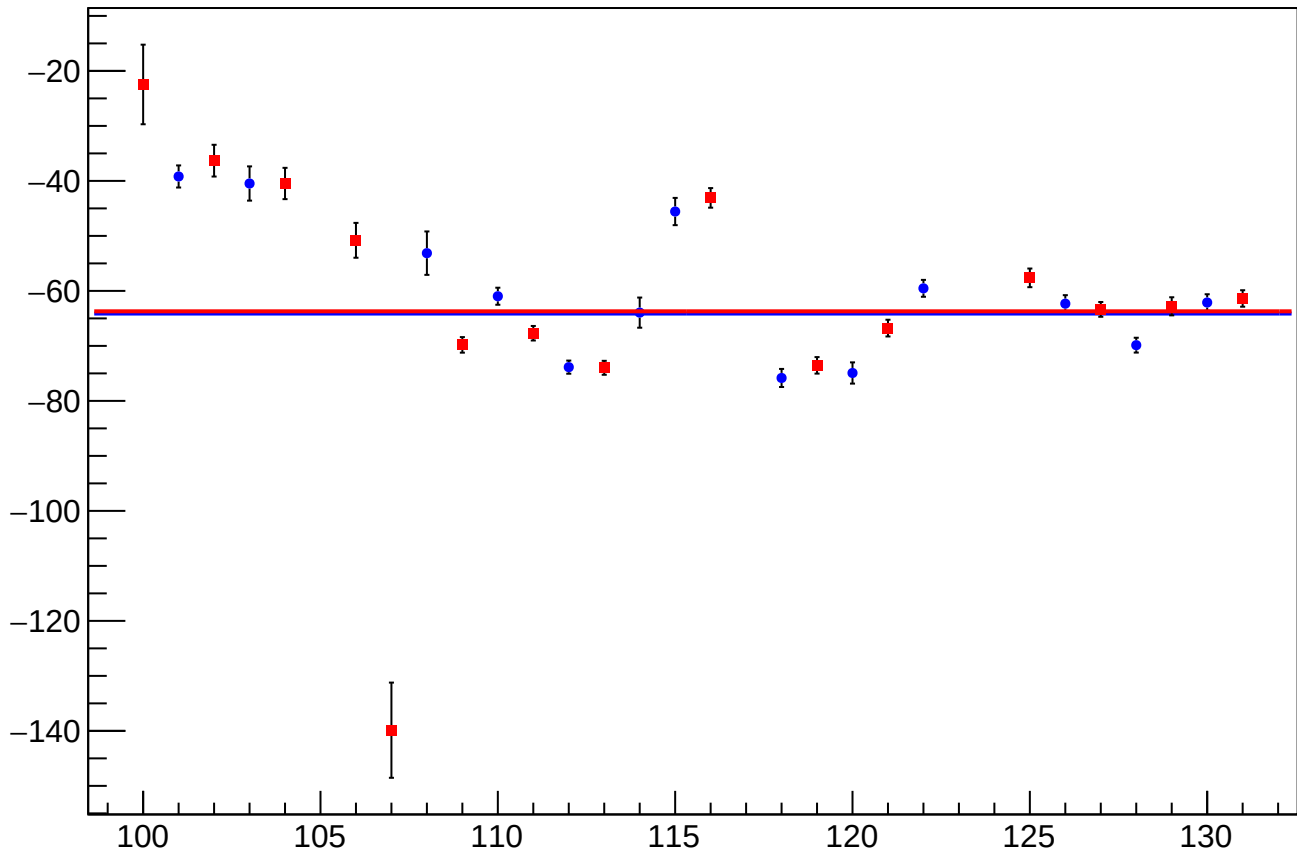
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.021 $\pm$ 0.004 χ^2 /NDF: 9255.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_diff_bpm1X_slope vs Slug



Right In: -64.117 ± 0.482 χ^2/NDF : 458.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -63.712 ± 0.448 χ^2/NDF : 573.0/14

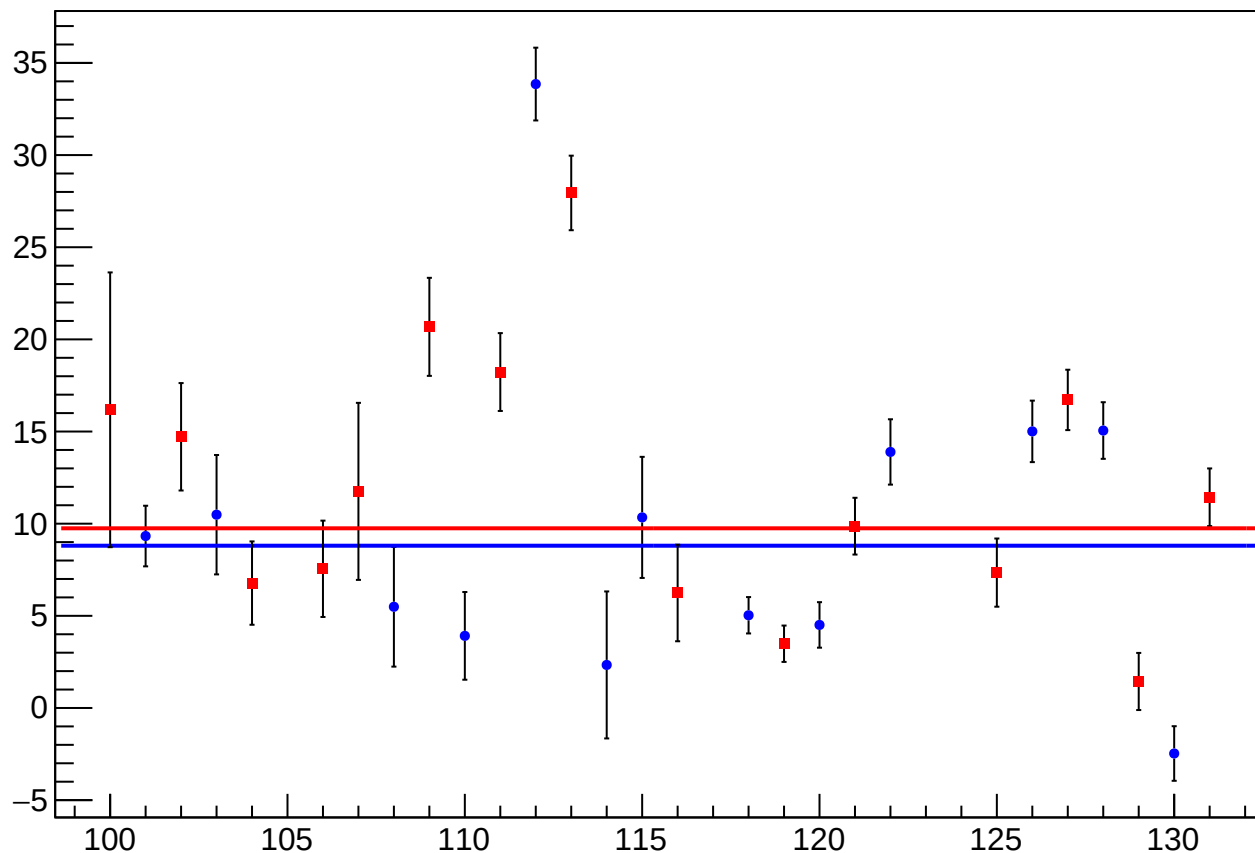
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -63.900 ± 0.328 χ^2/NDF : 1032.0/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 8.805 $\pm$ 0.477 χ^2 /NDF: 292.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.749 $\pm$ 0.487 χ^2 /NDF: 212.0/14

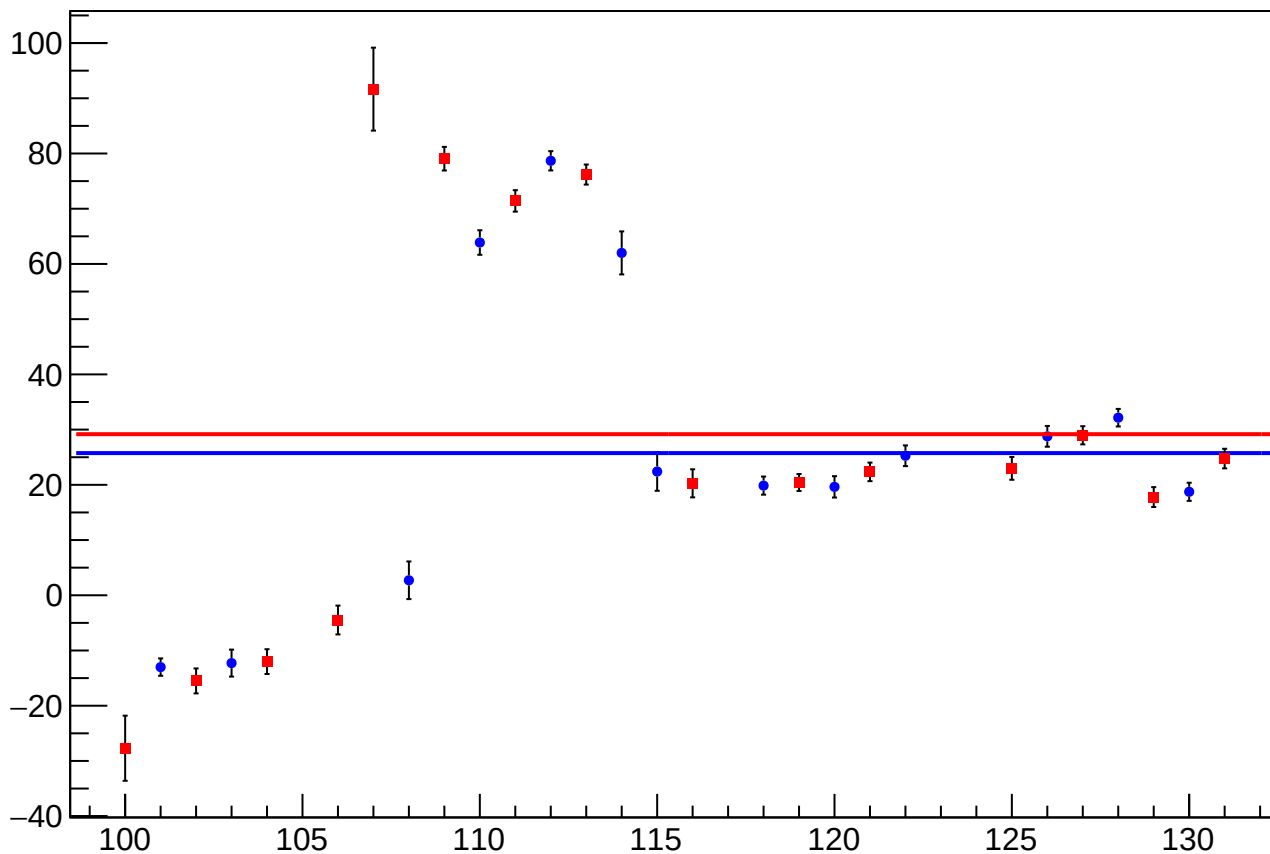
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.267 $\pm$ 0.341 χ^2 /NDF: 506.6/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 25.748+/-0.550 χ^2/NDF : 2256.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.173+/-0.532 χ^2/NDF : 2858.5/14

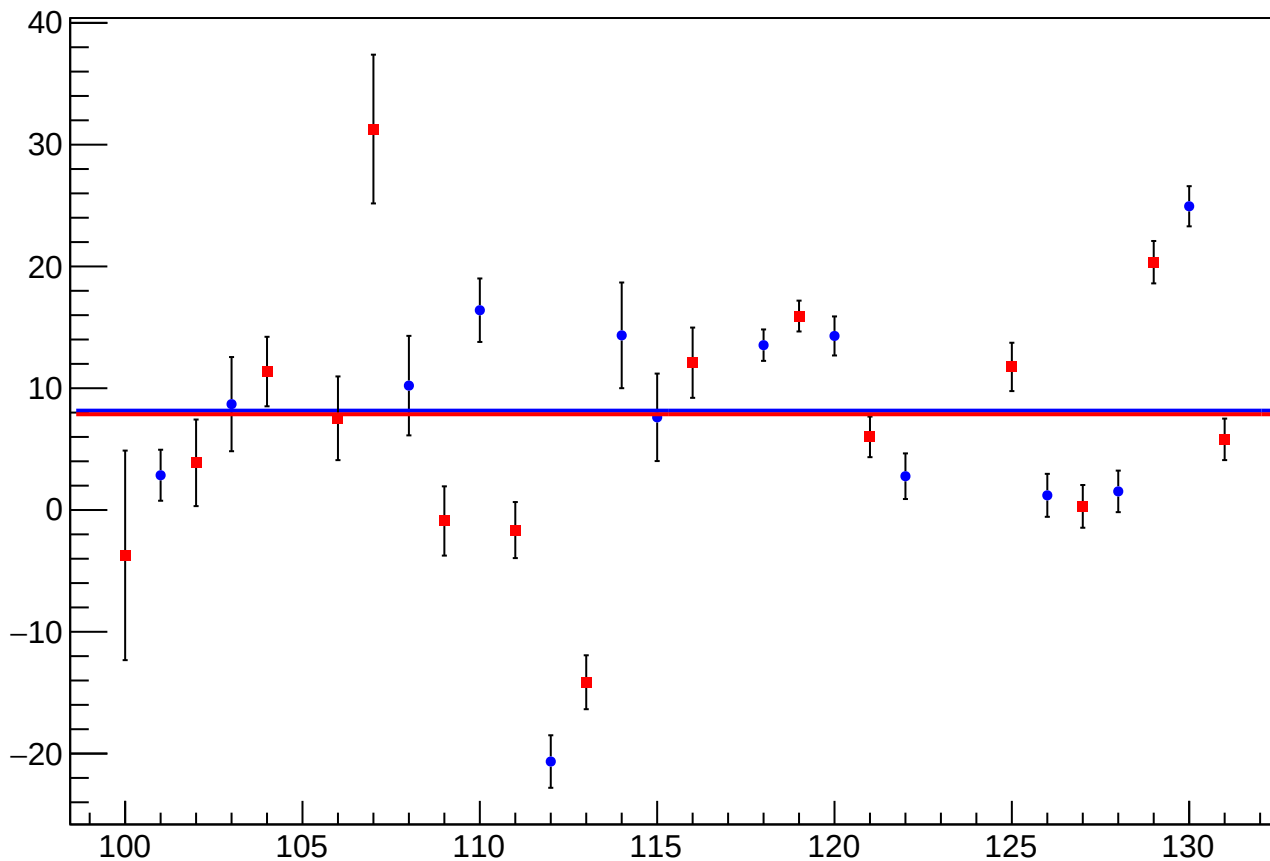
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.518+/-0.382 χ^2/NDF : 5134.7/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 8.158 $\pm$ 0.563 χ^2 /NDF: 371.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.862 $\pm$ 0.559 χ^2 /NDF: 264.0/14

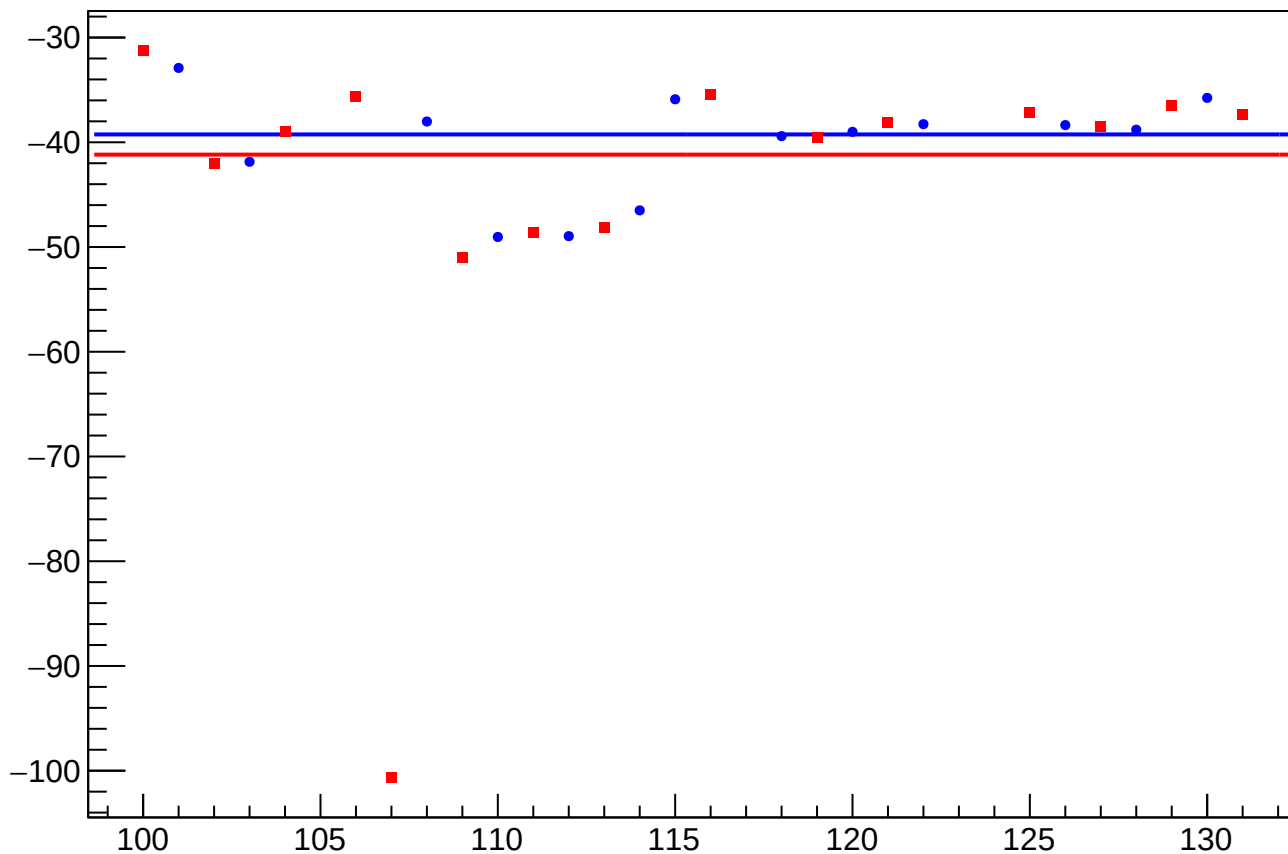
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.009 $\pm$ 0.397 χ^2 /NDF: 635.8/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.249 $\pm$ 0.038 χ^2 /NDF: 14707.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -41.177 $\pm$ 0.037 χ^2 /NDF: 54667.5/14

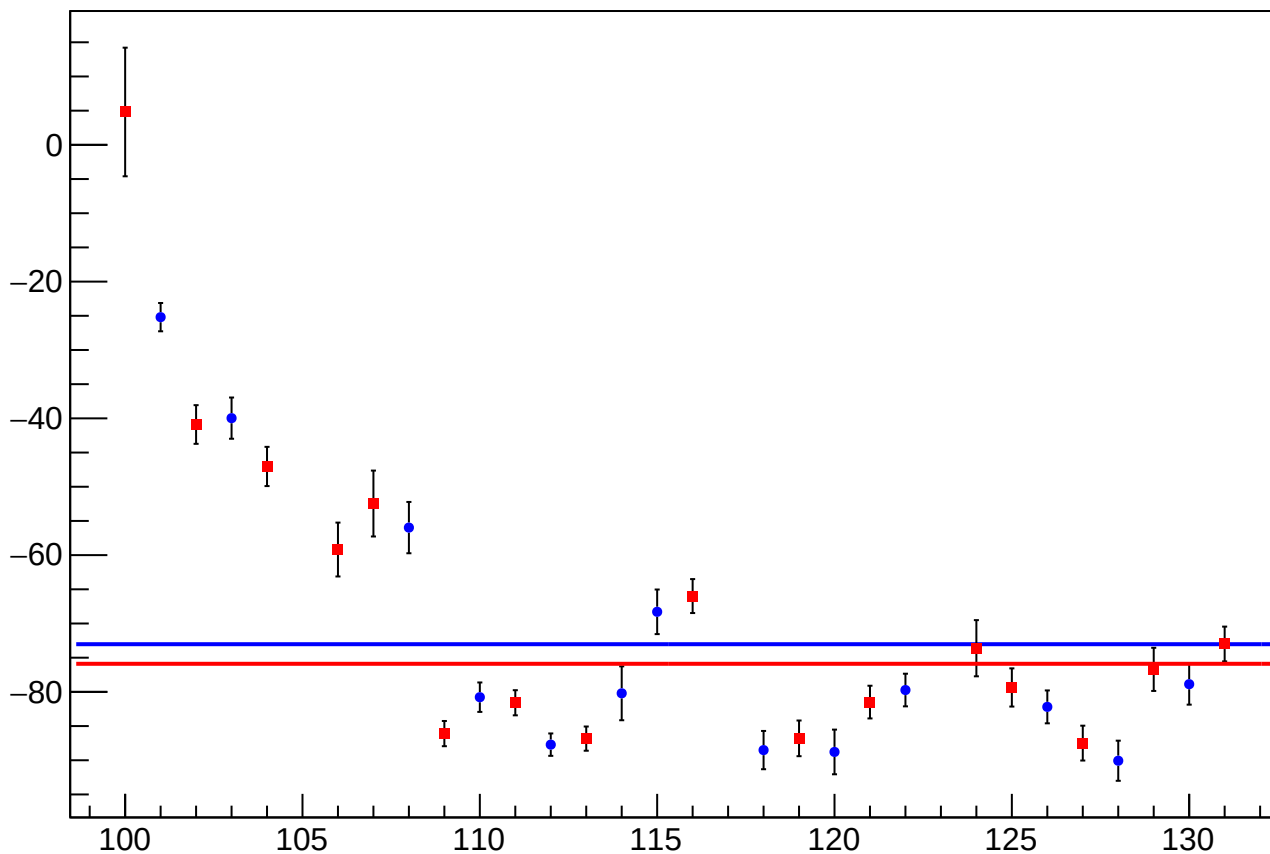
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -40.256 $\pm$ 0.026 χ^2 /NDF: 70698.3/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_diff_bpm1X_slope vs Slug



Right In: -73.027 ± 0.714 χ^2/NDF : 887.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -75.893 ± 0.652 χ^2/NDF : 511.0/15

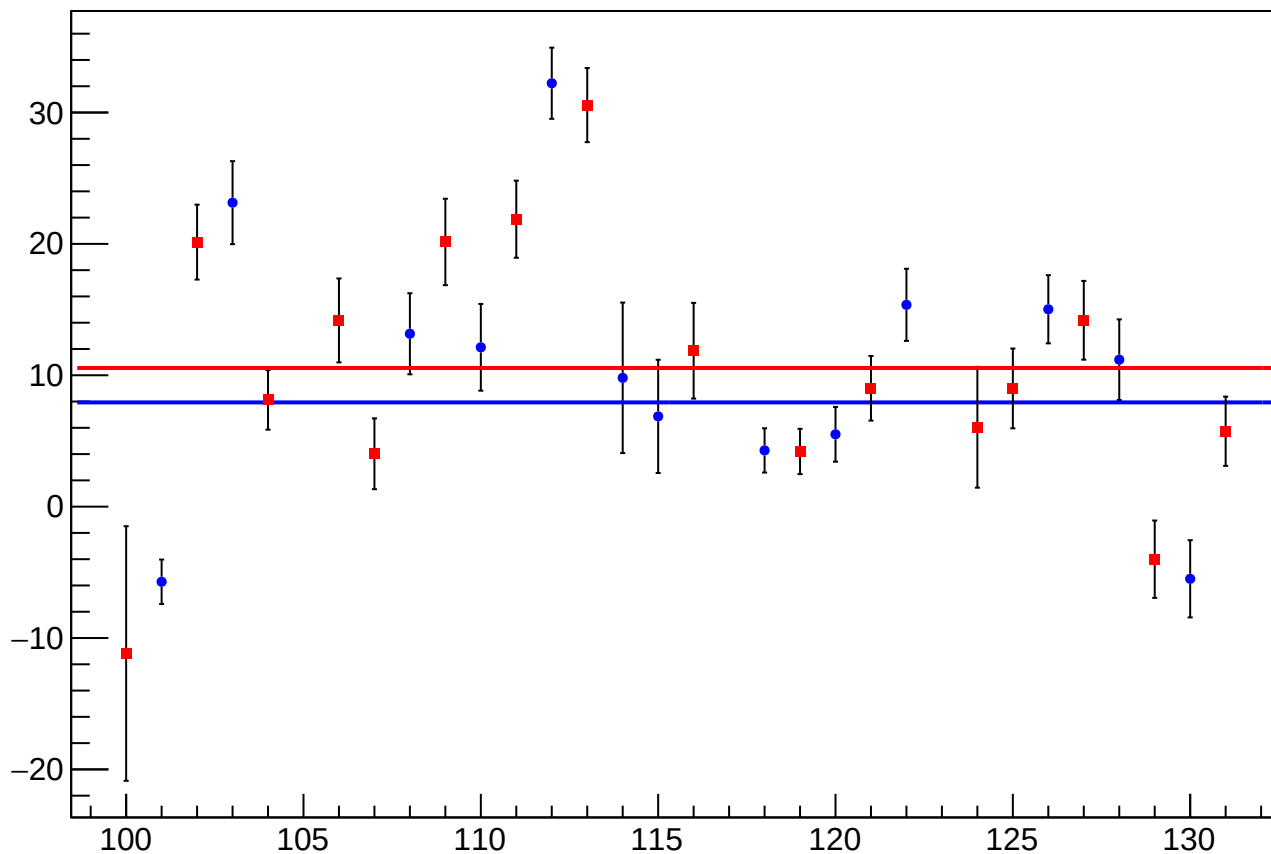
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -74.592 ± 0.481 χ^2/NDF : 1407.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 7.935+/-0.716 χ^2/NDF : 216.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.555+/-0.707 χ^2/NDF : 142.9/15

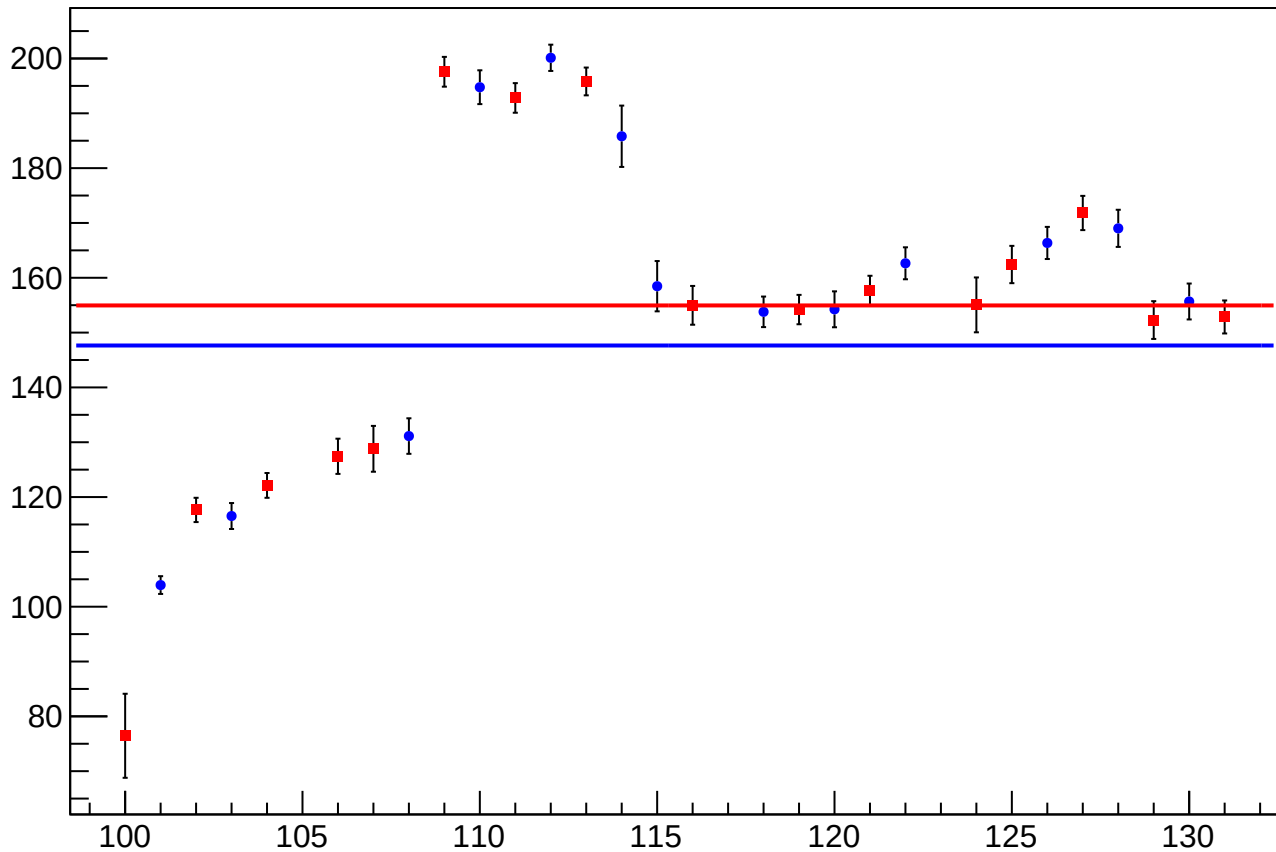
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.262+/-0.503 χ^2/NDF : 365.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 147.646 $\pm$ 0.779 χ^2 /NDF: 1813.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 154.954 $\pm$ 0.749 χ^2 /NDF: 1450.3/15

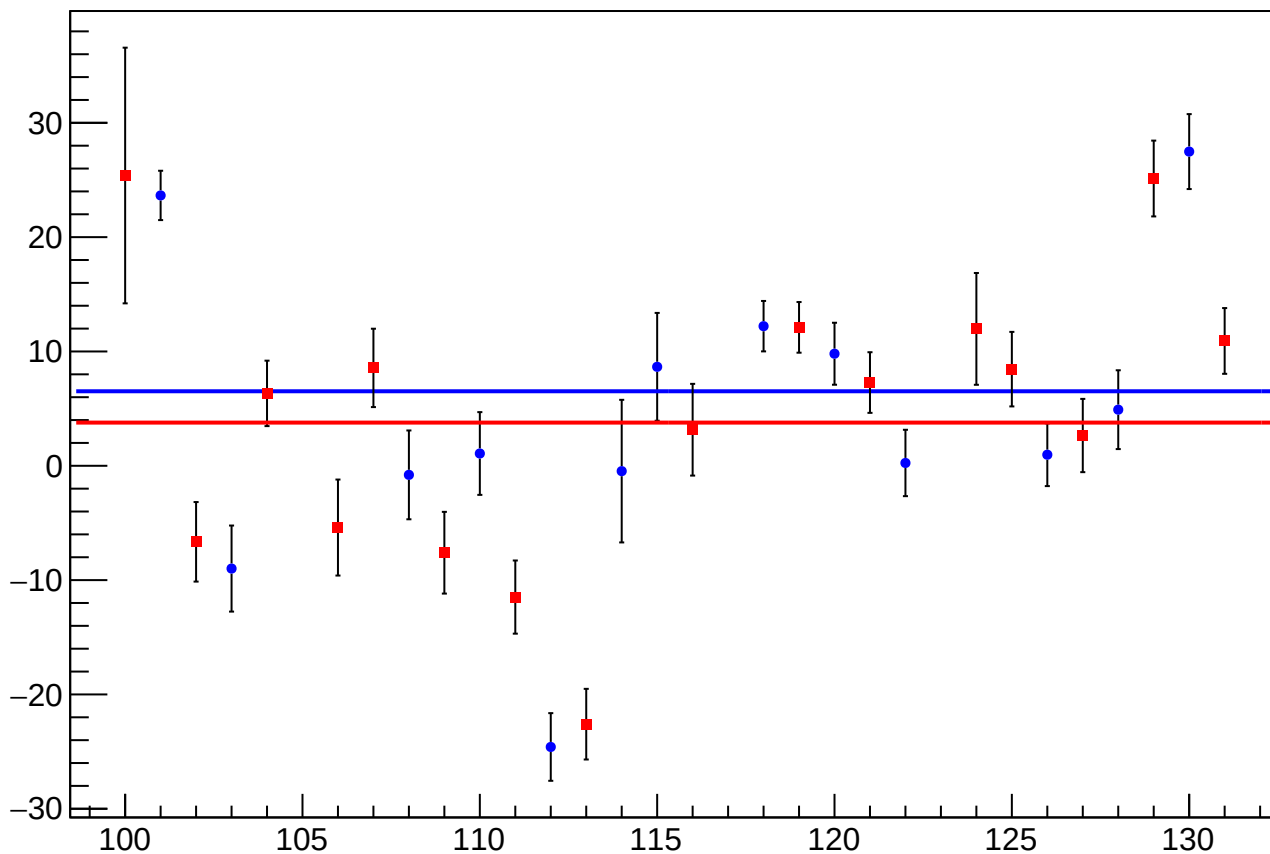
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 151.439 $\pm$ 0.540 χ^2 /NDF: 3309.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 6.519+/-0.850 χ^2/NDF : 255.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.778+/-0.820 χ^2/NDF : 194.5/15

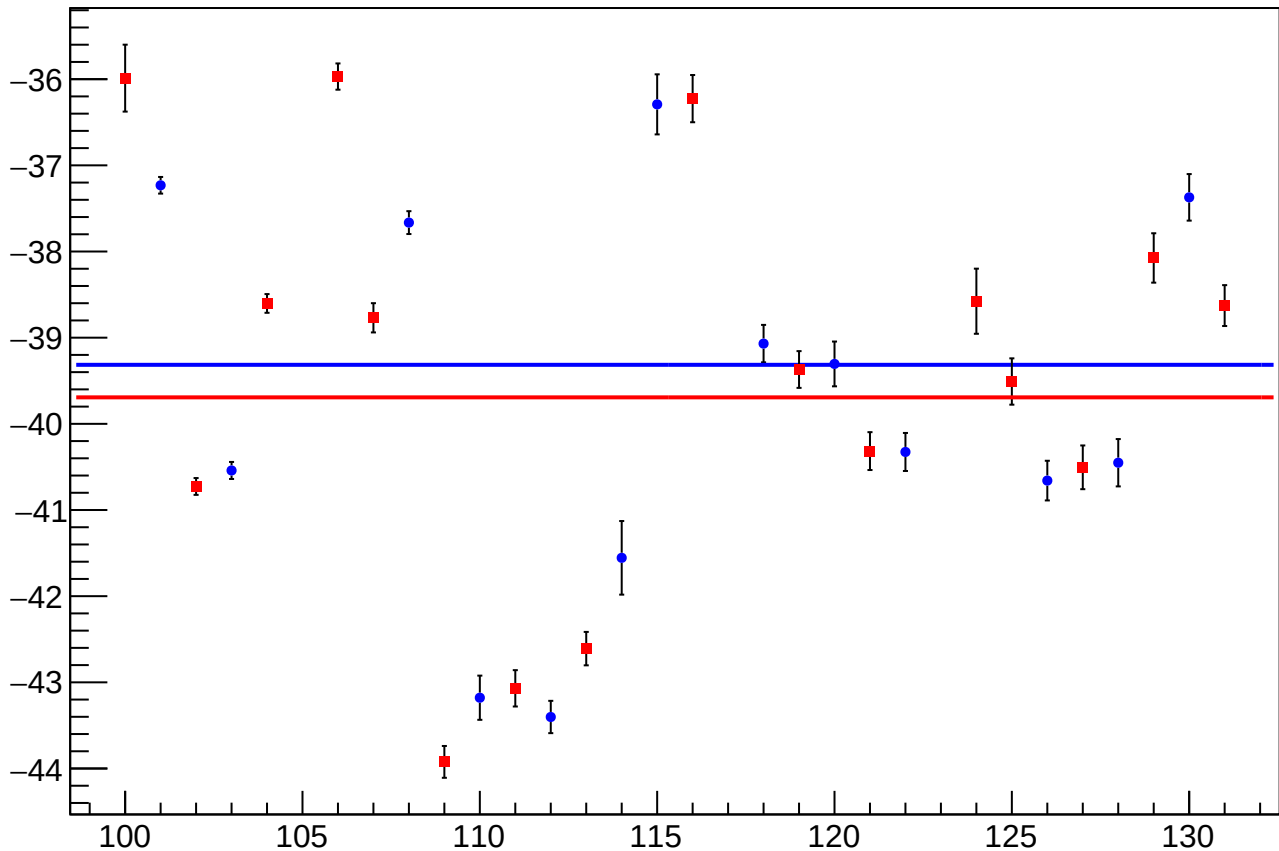
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.098+/-0.590 χ^2/NDF : 455.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -39.315 ± 0.048 χ^2/NDF : 1704.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -39.693 ± 0.046 χ^2/NDF : 2179.5/15

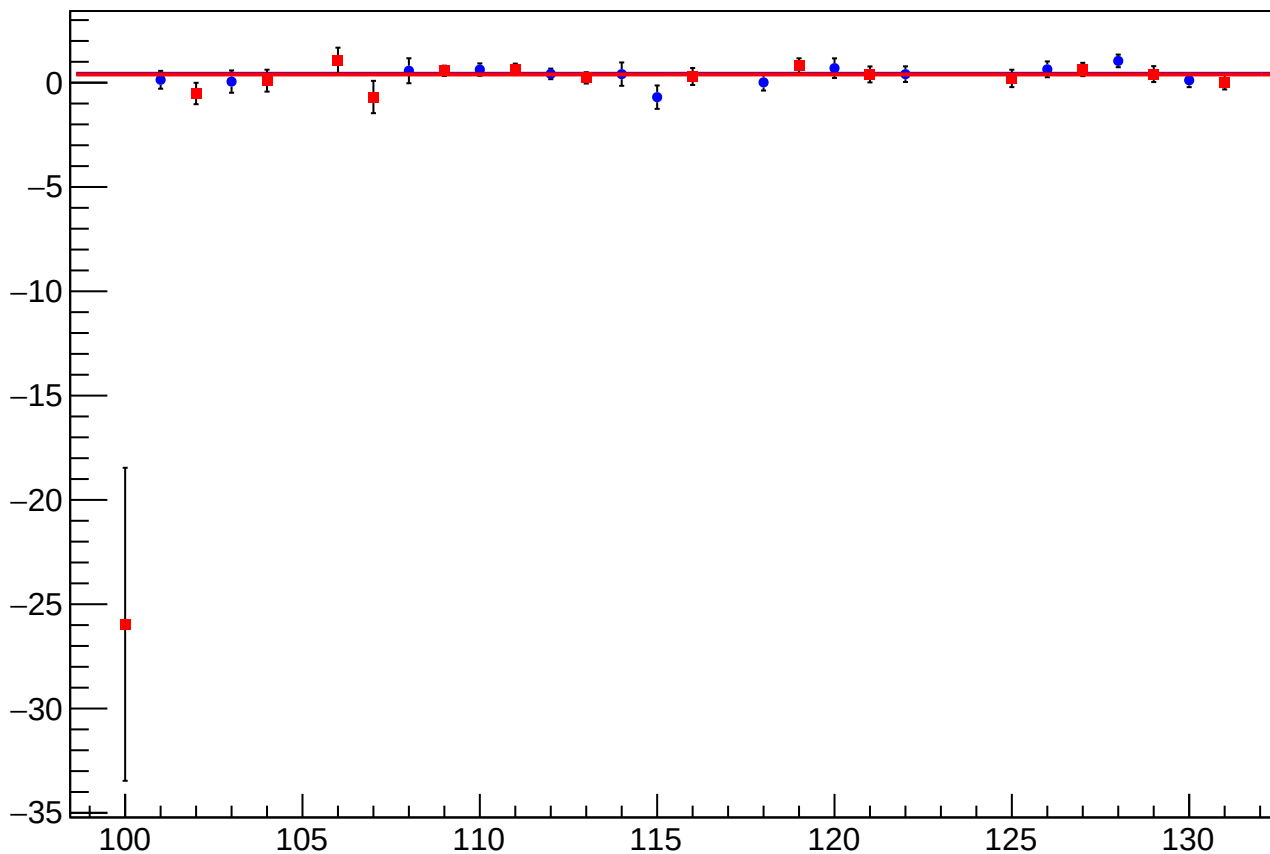
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.514 ± 0.033 χ^2/NDF : 3915.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: 0.425+/-0.105 χ^2/NDF : 12.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.394+/-0.097 χ^2/NDF : 23.9/14

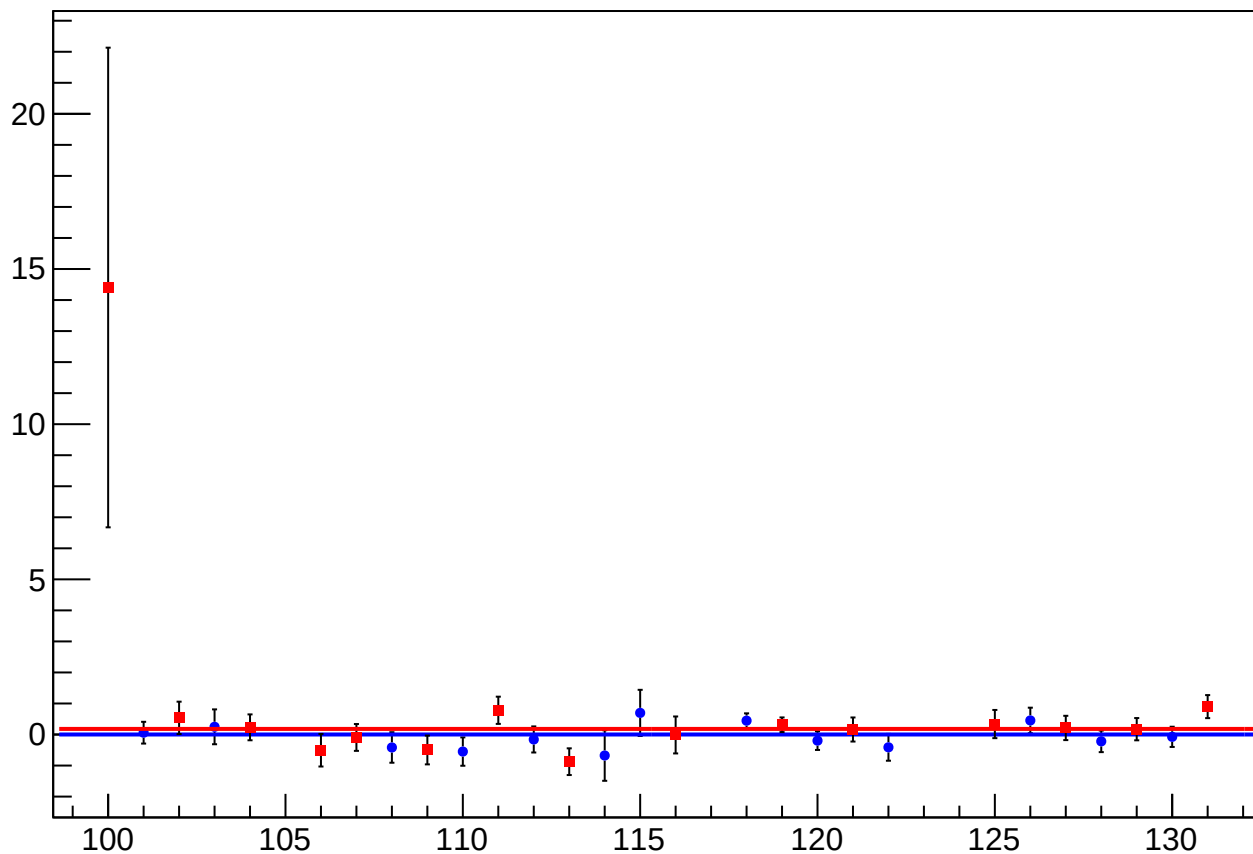
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.408+/-0.071 χ^2/NDF : 36.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.001 ± 0.107 χ^2/NDF : 10.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.181 ± 0.107 χ^2/NDF : 20.3/14

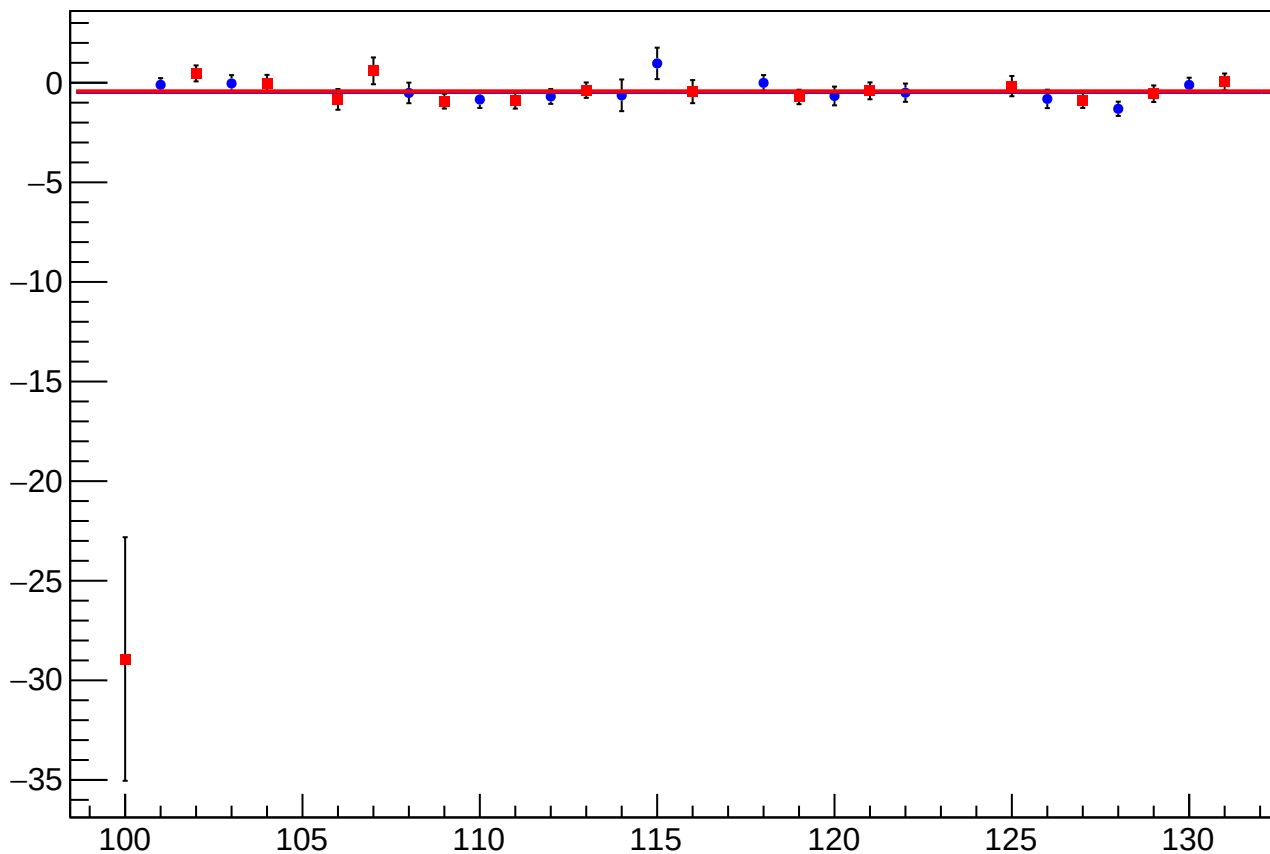
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.091 ± 0.076 χ^2/NDF : 32.4/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: -0.461 ± 0.119 χ^2/NDF : 15.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.431 ± 0.115 χ^2/NDF : 37.3/14

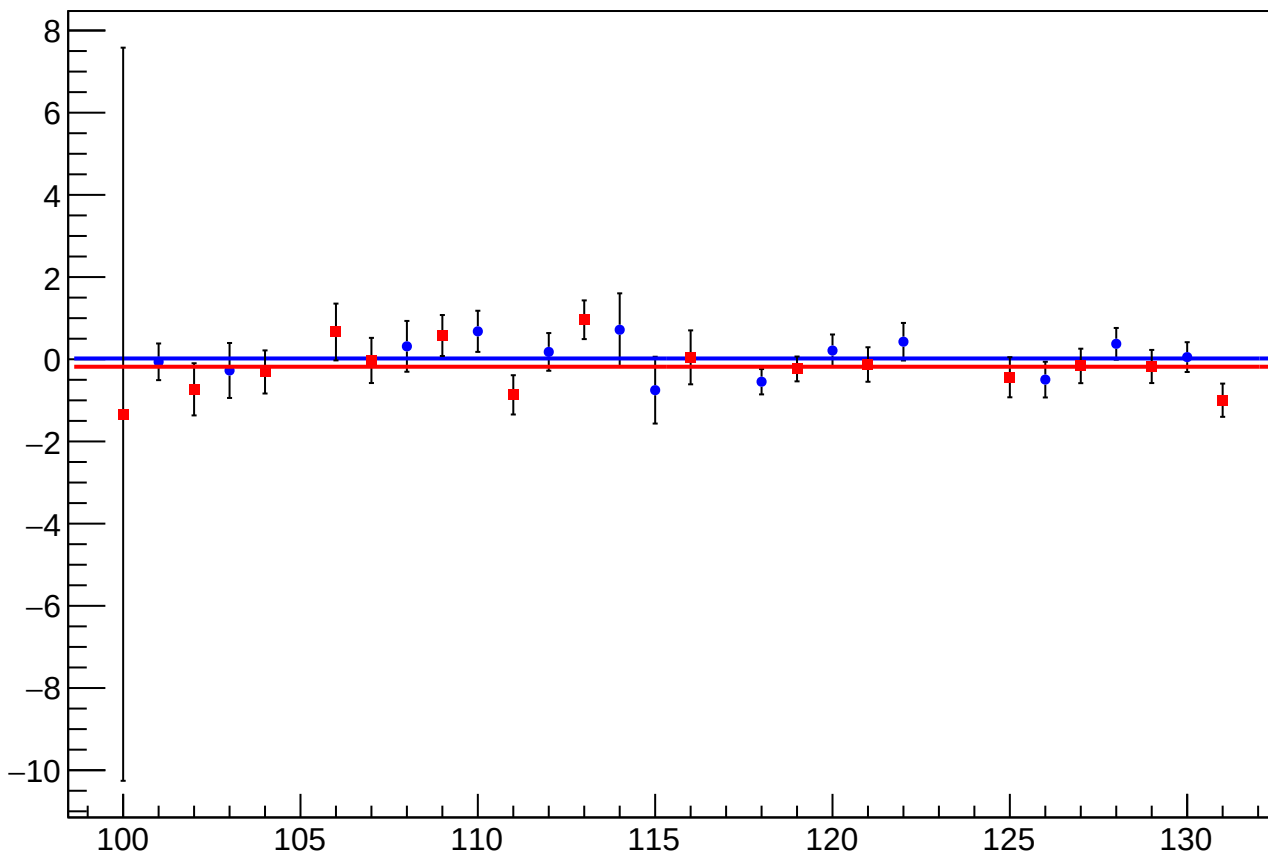
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.446 ± 0.083 χ^2/NDF : 52.7/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: 0.019+/-0.126 χ^2/NDF : 10.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.182+/-0.123 χ^2/NDF : 17.2/14

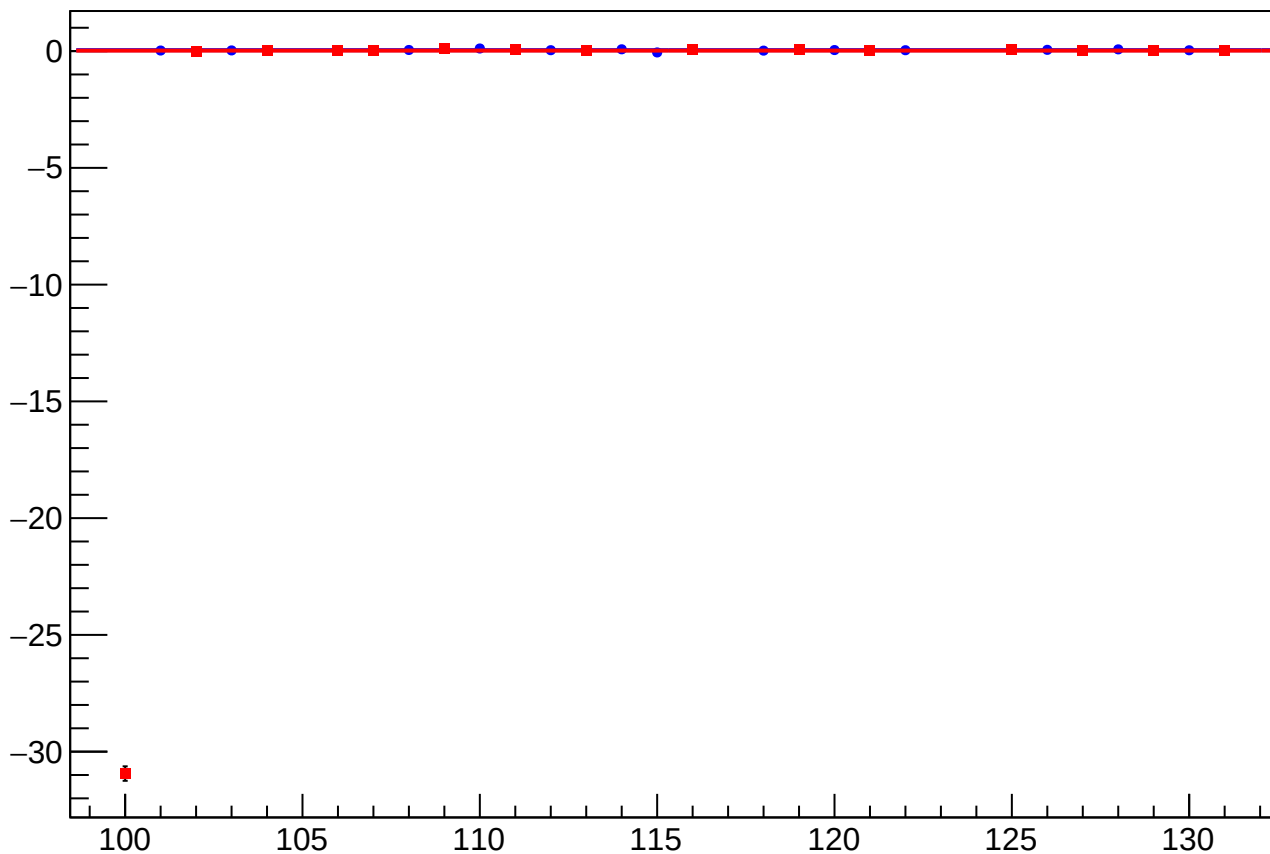
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.083+/-0.088 χ^2/NDF : 29.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: 0.041+/-0.008 χ^2/NDF : 10.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.022+/-0.007 χ^2/NDF : 10010.8/14

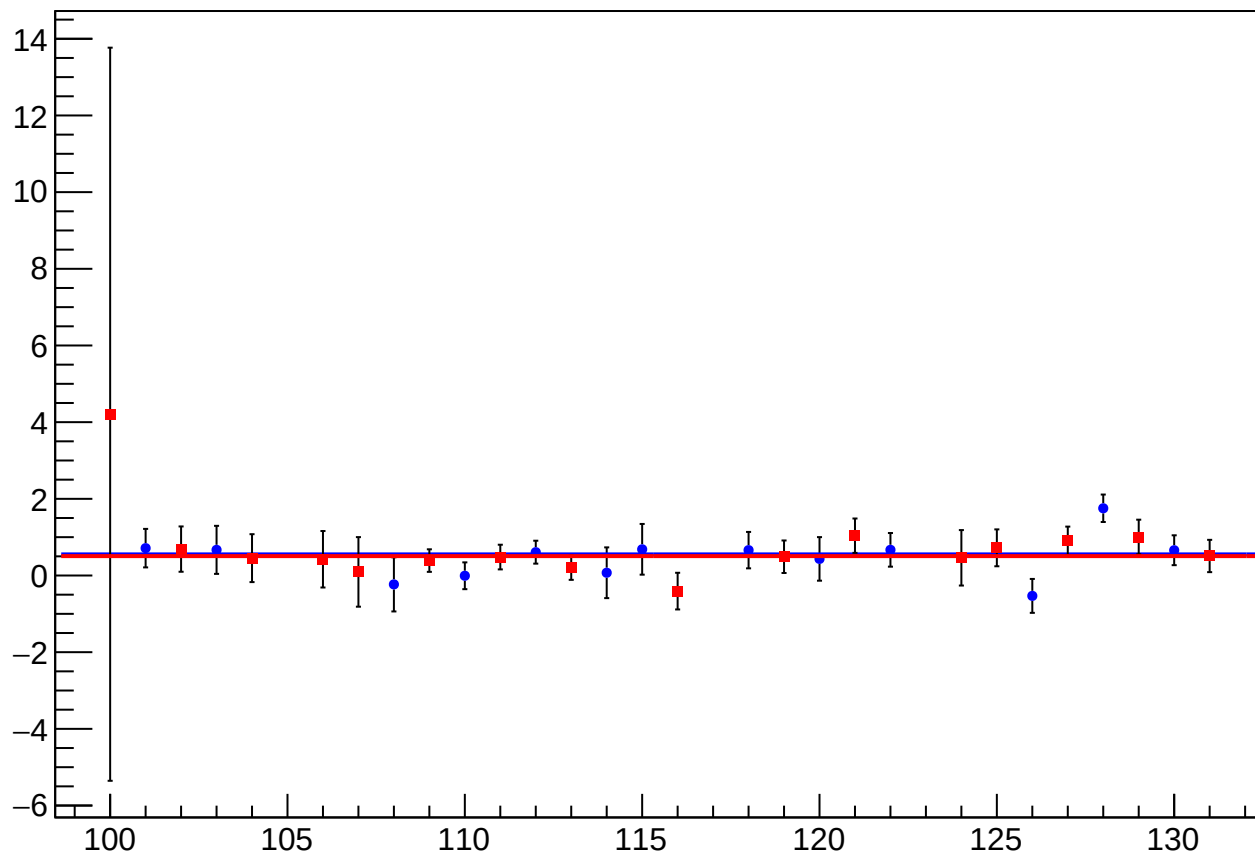
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.005 χ^2/NDF : 10023.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_dsr_diff_bpm1X_slope vs Slug



Right In: 0.550+/-0.124 χ^2/NDF : 22.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.506+/-0.113 χ^2/NDF : 9.1/15

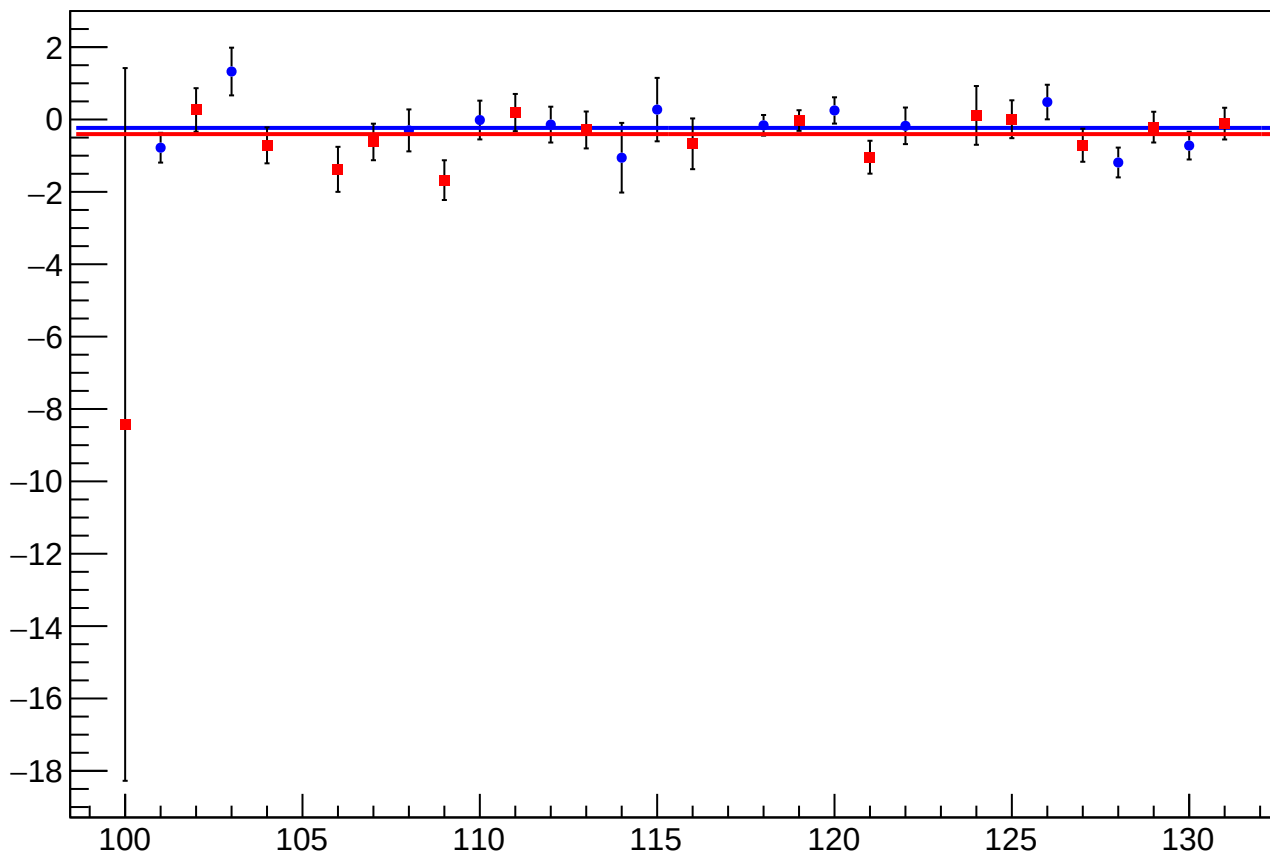
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.526+/-0.084 χ^2/NDF : 31.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.233 ± 0.127 χ^2/NDF : 19.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.404 ± 0.125 χ^2/NDF : 17.7/15

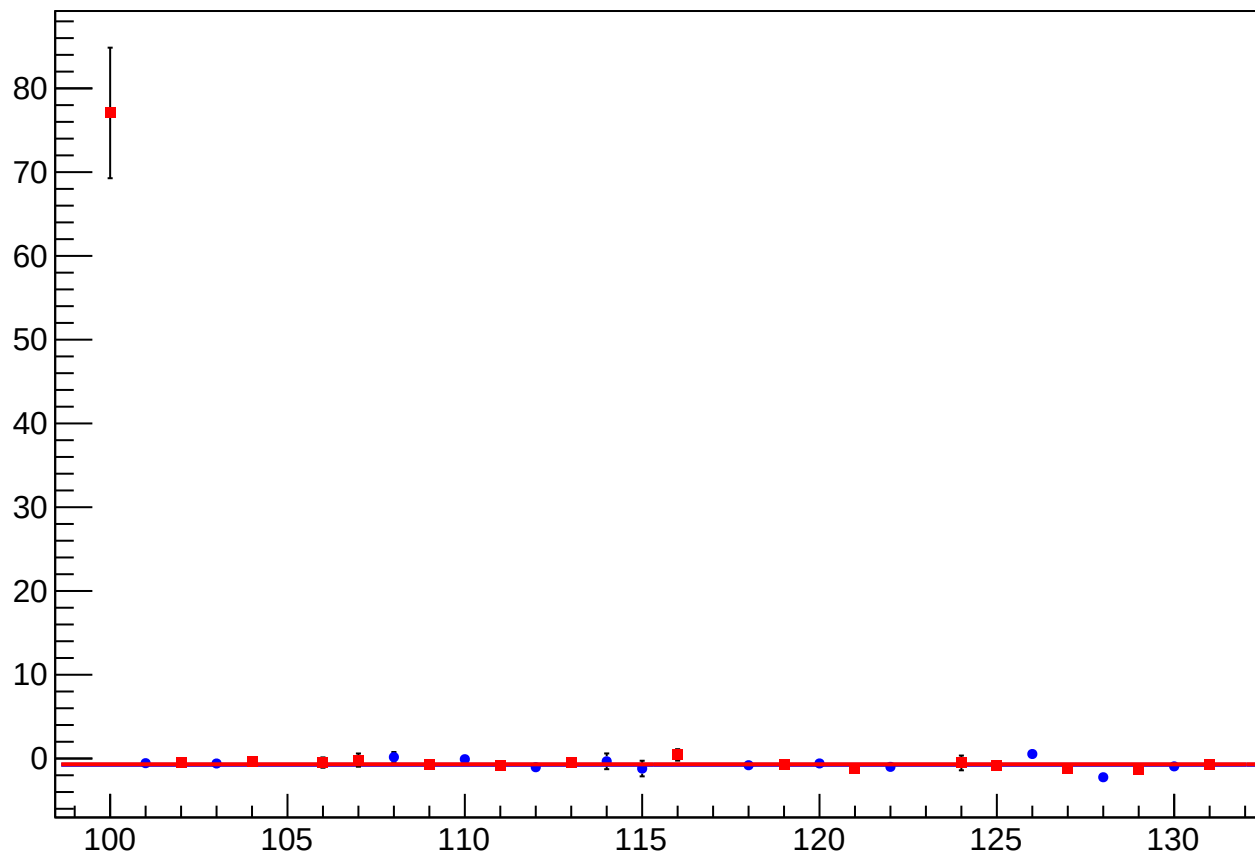
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.320 ± 0.089 χ^2/NDF : 38.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.750 ± 0.141 χ^2/NDF : 23.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.687 ± 0.134 χ^2/NDF : 108.0/15

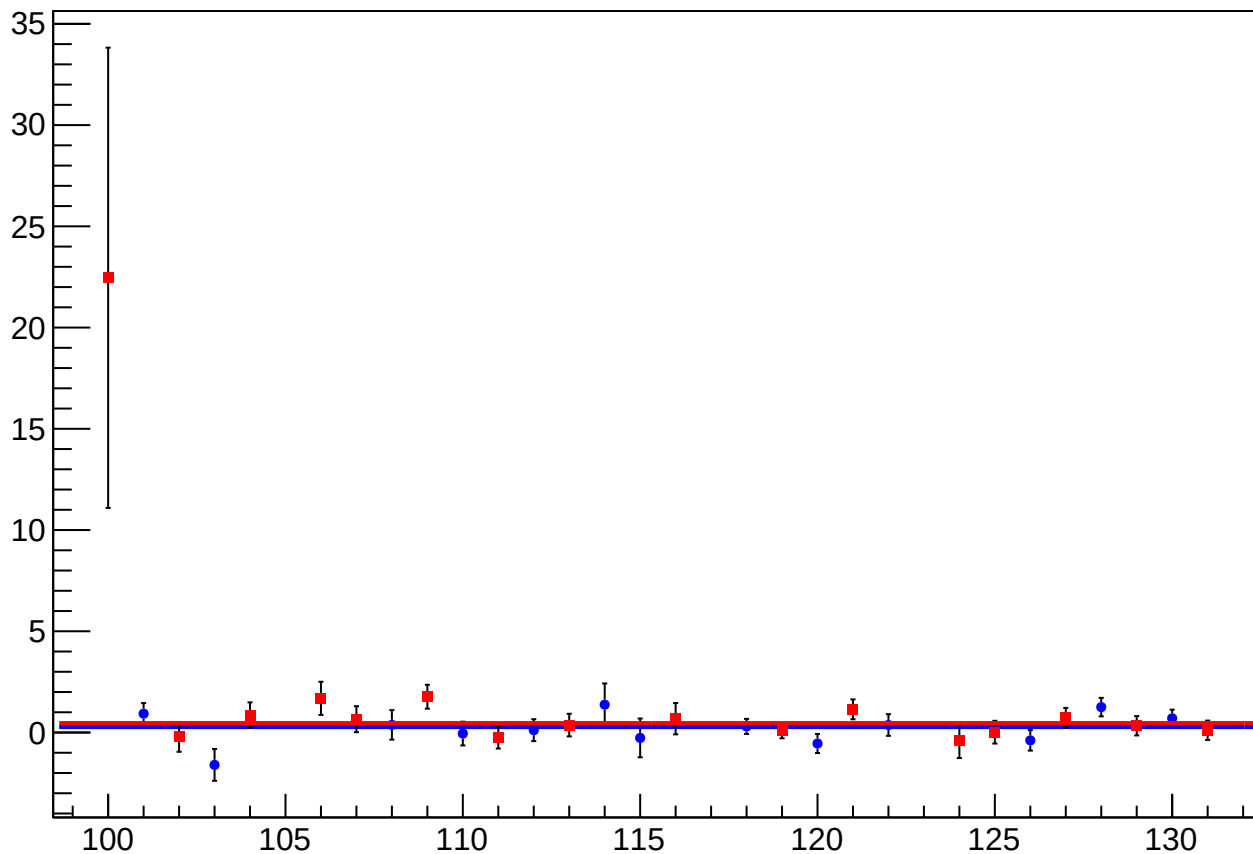
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.717 ± 0.097 χ^2/NDF : 131.9/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.269 ± 0.149 χ^2/NDF : 19.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.467 ± 0.144 χ^2/NDF : 19.5/15

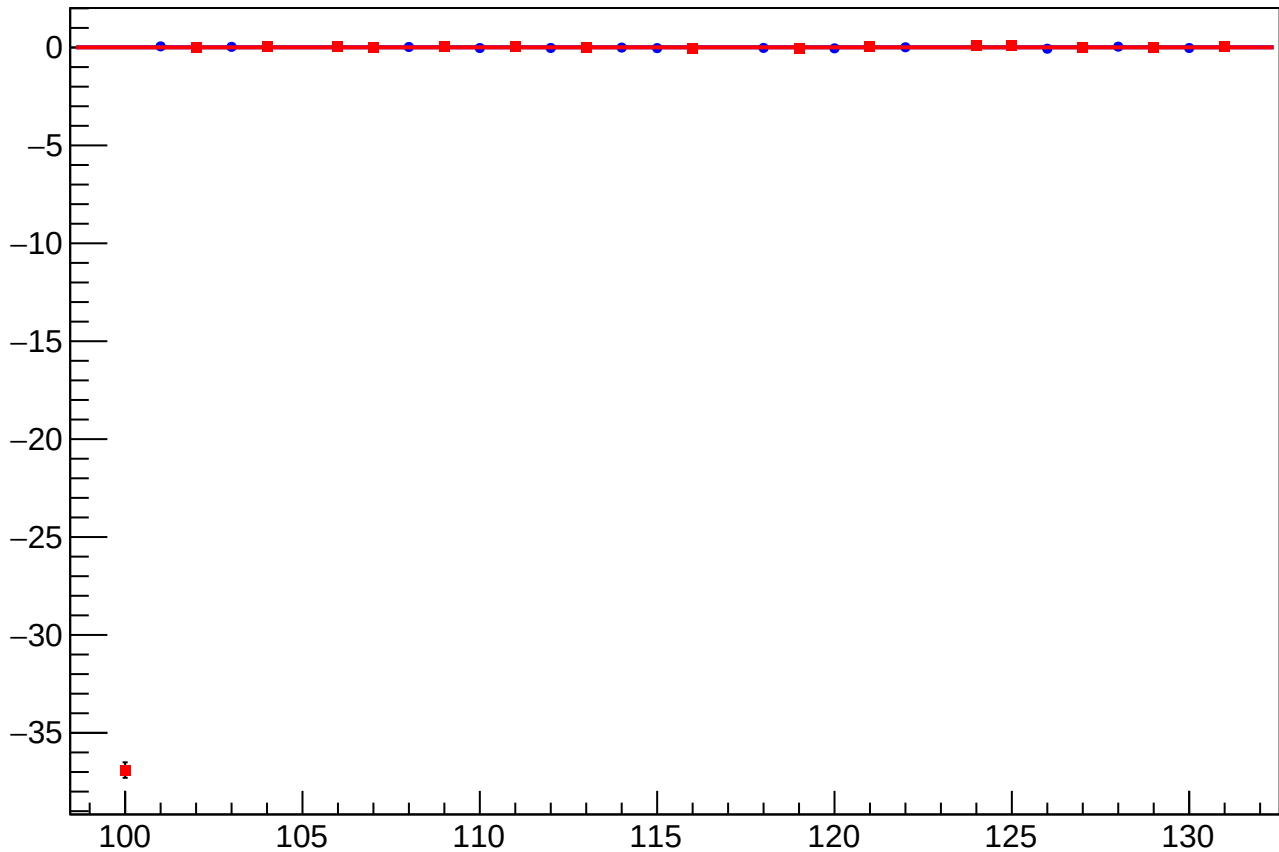
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.372 ± 0.104 χ^2/NDF : 39.8/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.011 $\pm$ 0.009 χ^2 /NDF: 14.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.009 χ^2 /NDF: 8750.8/15

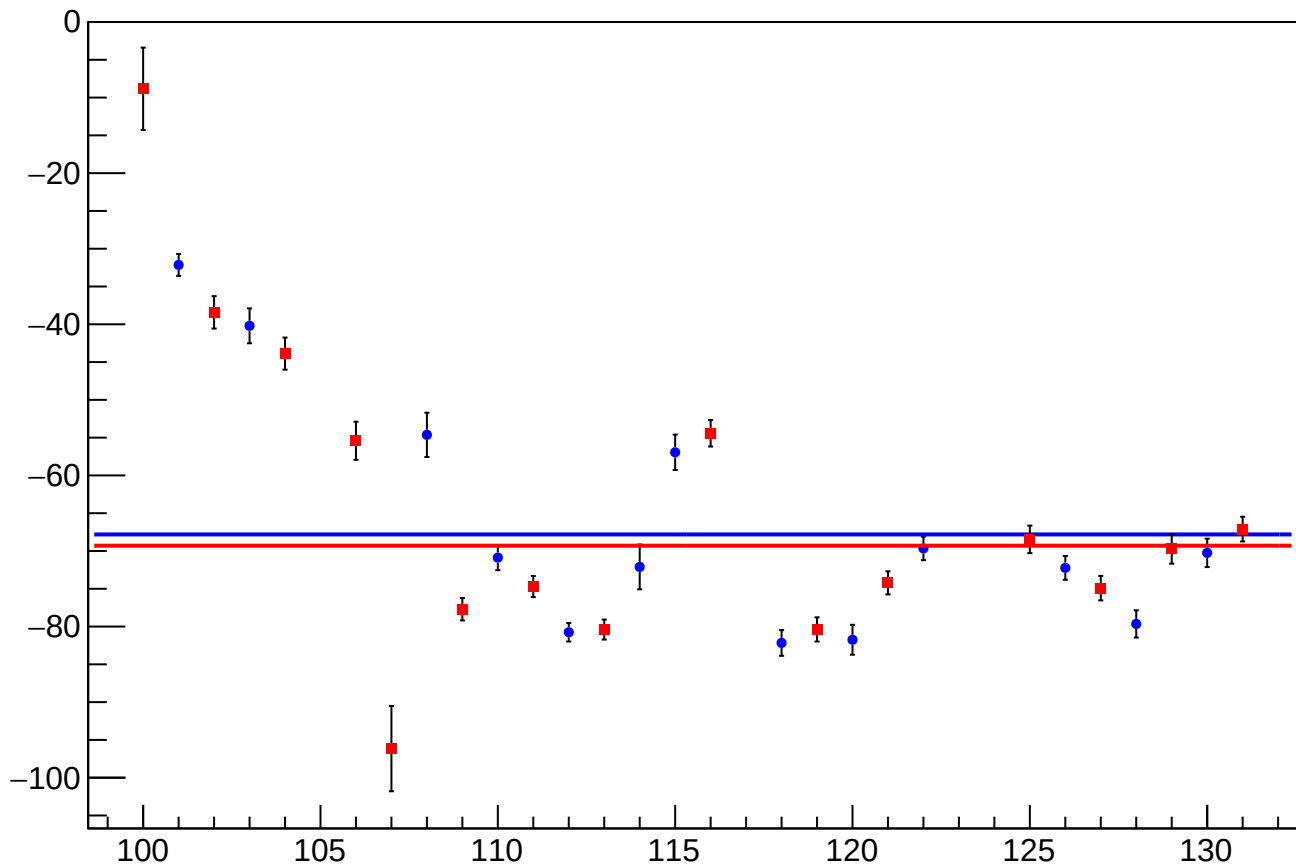
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.006 χ^2 /NDF: 8765.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_diff_bpm1X_slope vs Slug



Right In: -67.808 ± 0.494 $\chi^2/\text{NDF}: 1075.5/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -69.300 ± 0.463 $\chi^2/\text{NDF}: 788.6/14$

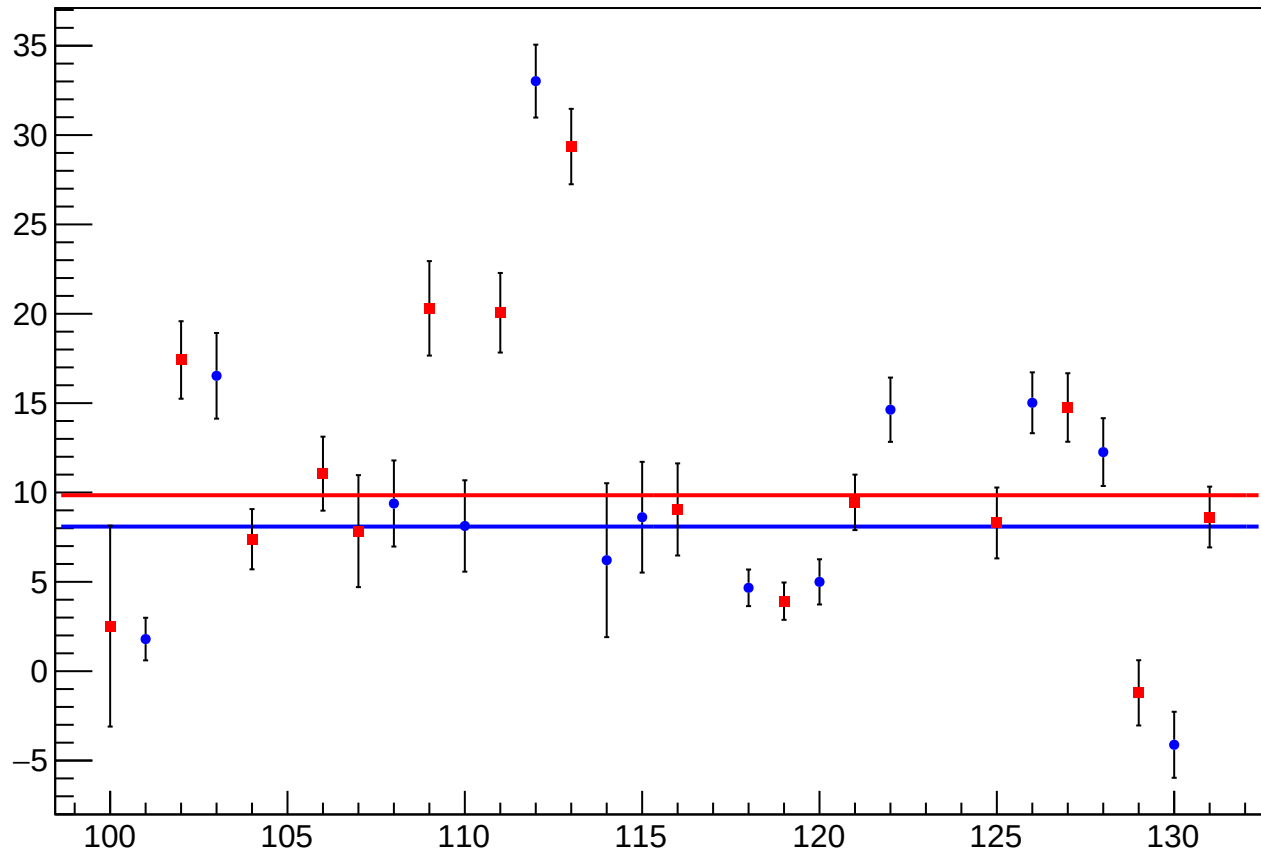
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -68.603 ± 0.338 $\chi^2/\text{NDF}: 1869.0/27$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 8.093+/-0.476 χ^2/NDF : 285.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.846+/-0.490 χ^2/NDF : 215.7/14

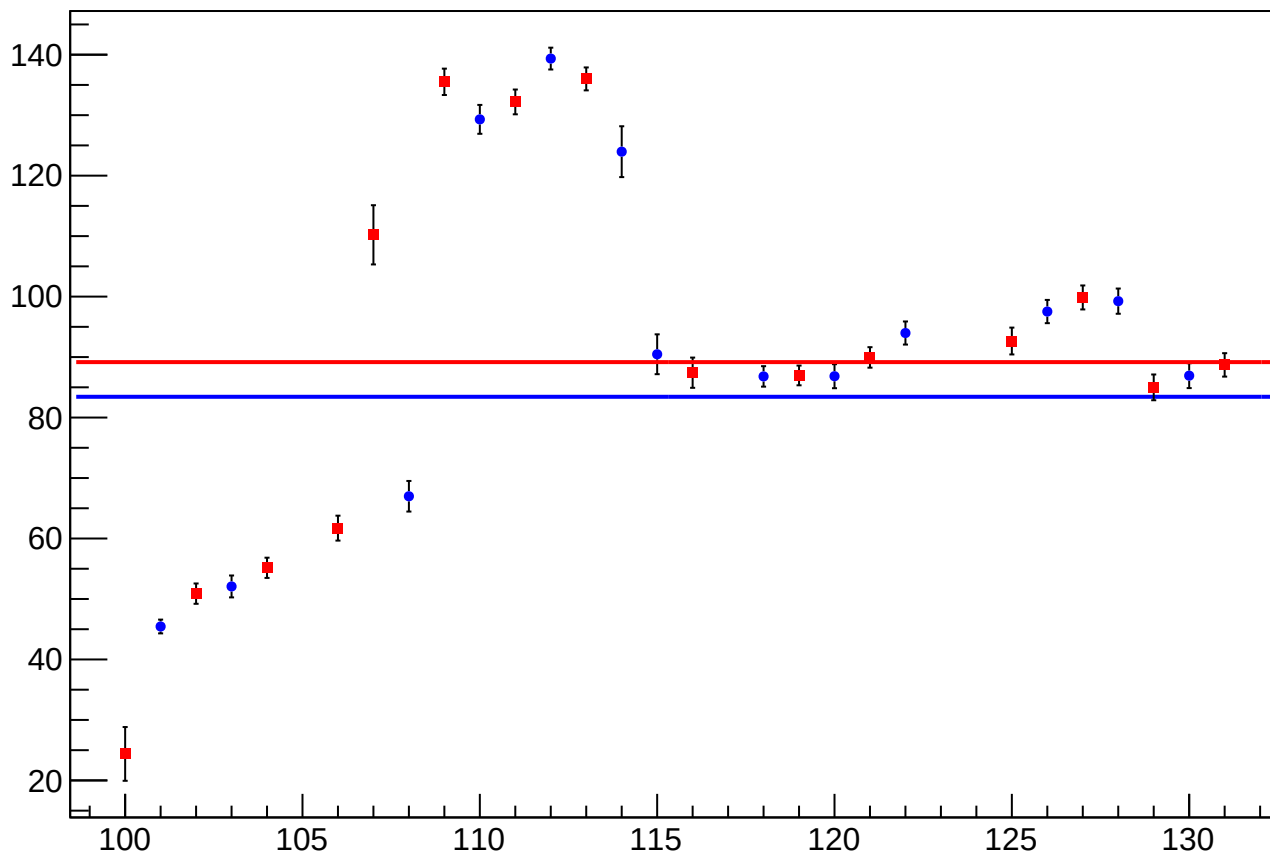
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.944+/-0.342 χ^2/NDF : 508.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 83.434+/-0.536 χ^2/NDF : 3030.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.168+/-0.527 χ^2/NDF : 2881.9/14

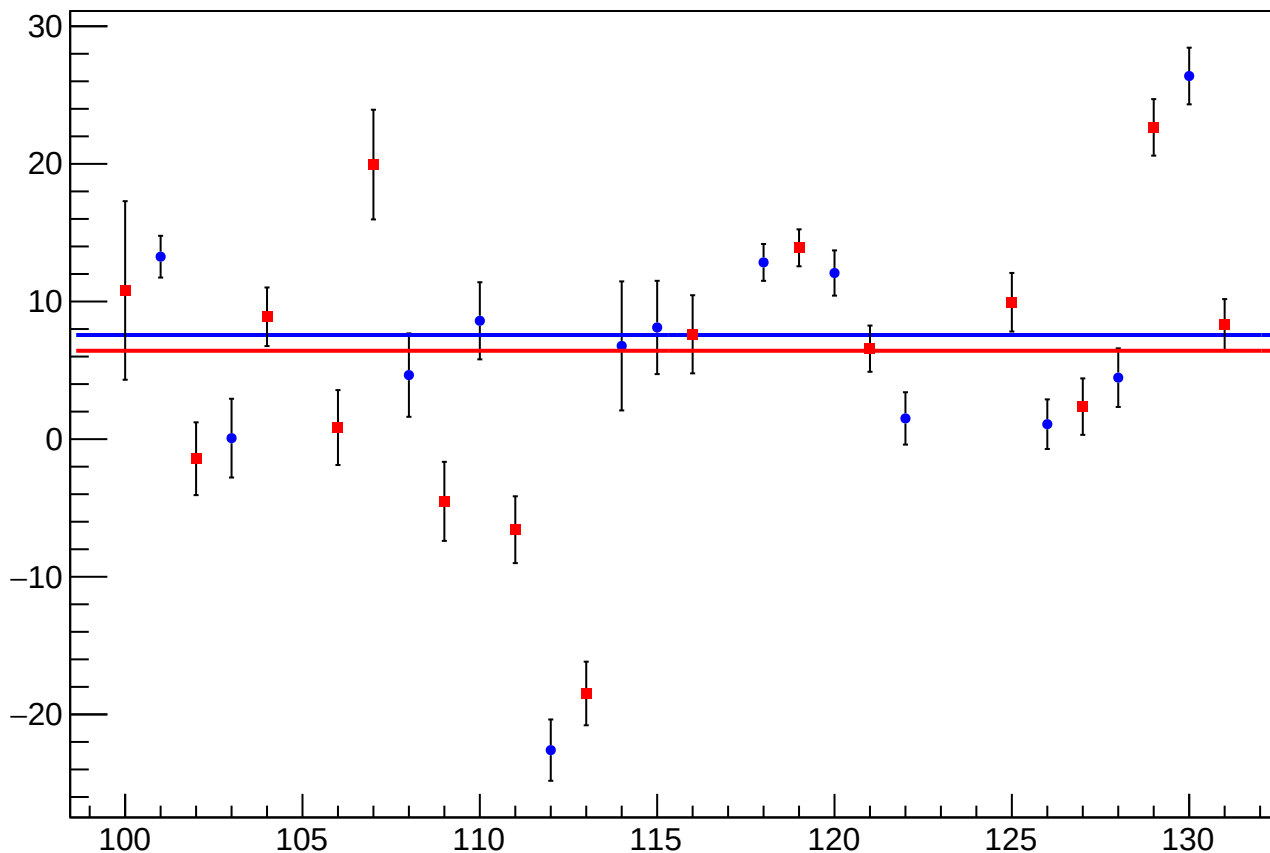
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.349+/-0.376 χ^2/NDF : 5970.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 7.567+/-0.568 χ^2/NDF : 337.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.422+/-0.569 χ^2/NDF : 287.0/14

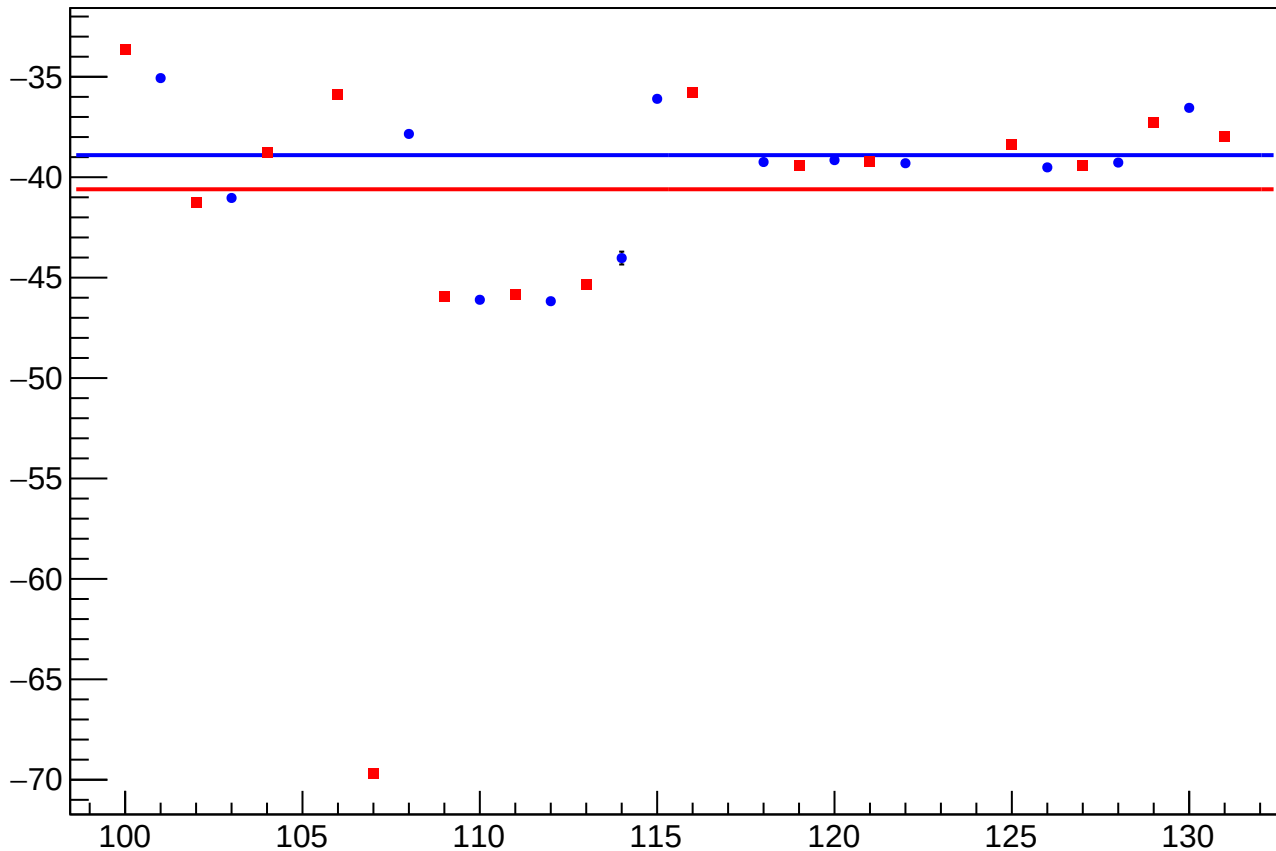
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.995+/-0.402 χ^2/NDF : 626.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -38.901±/0.034 χ^2/NDF : 8665.1/12

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: -40.600±/0.033 χ^2/NDF : 30409.0/14

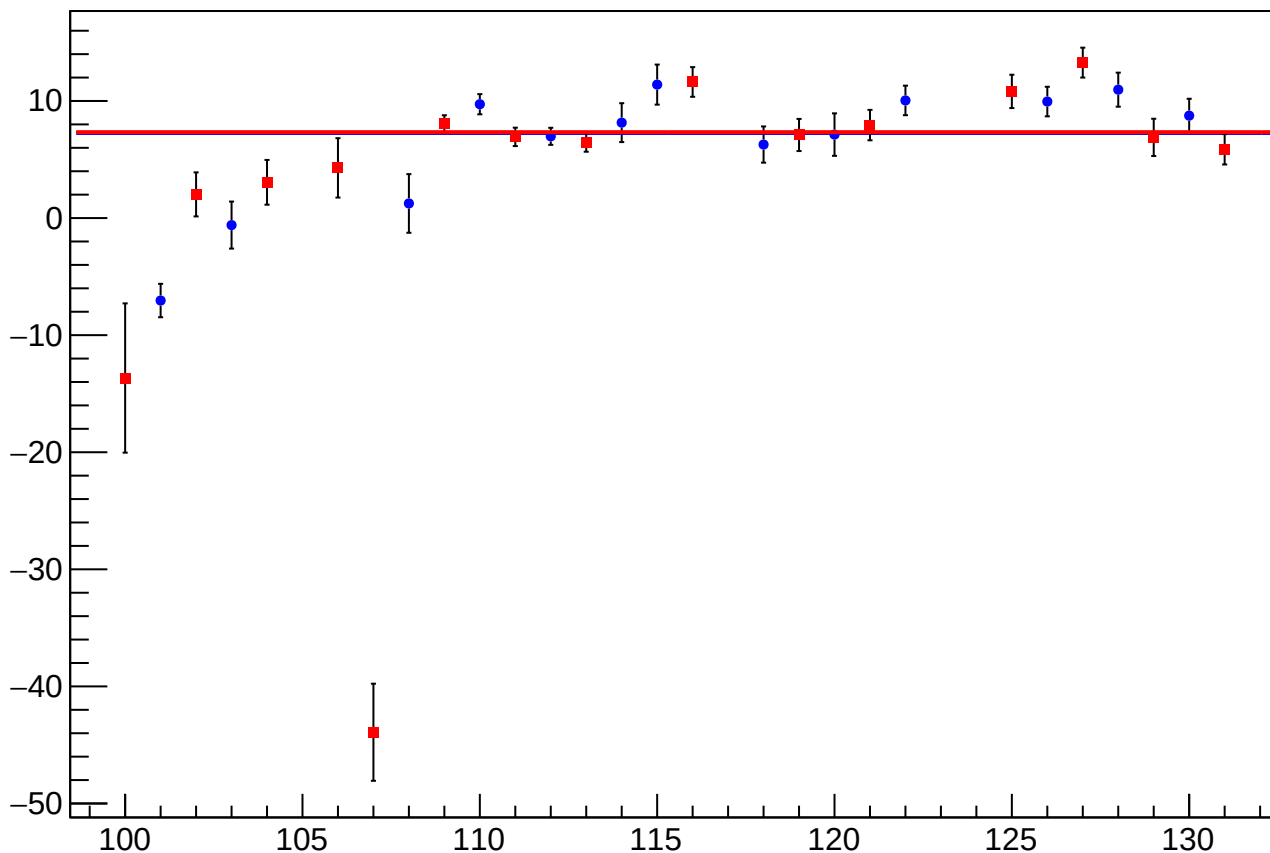
Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

+ sign 0.000±/0.000 χ^2/NDF : 0.0/0

All: -39.779±/0.024 χ^2/NDF : 40333.1/27

- sign 0.000±/0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 7.269 $\pm$ 0.359 χ^2 /NDF: 153.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.336 $\pm$ 0.318 χ^2 /NDF: 221.4/14

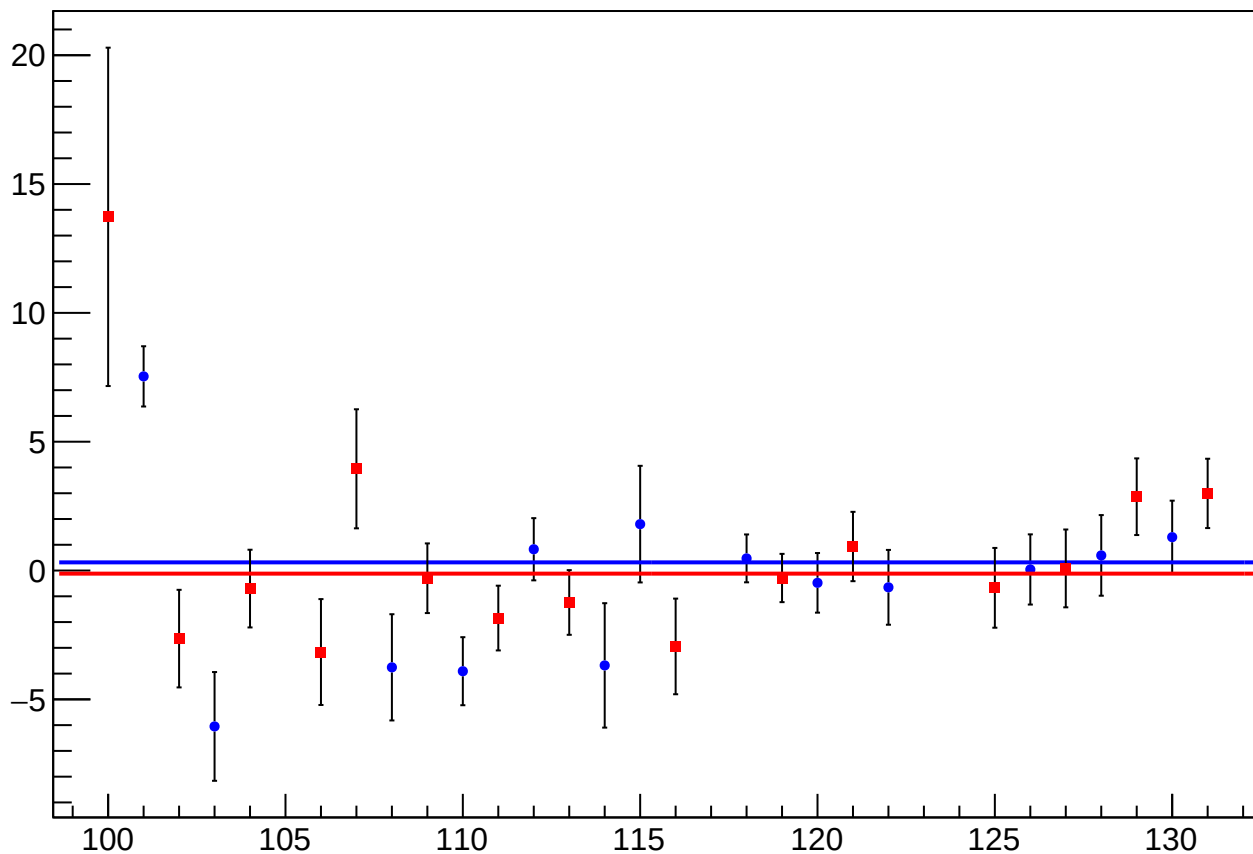
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.307 $\pm$ 0.238 χ^2 /NDF: 374.7/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.317 $\pm$ 0.388 χ^2 /NDF: 66.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.120 $\pm$ 0.383 χ^2 /NDF: 26.8/14

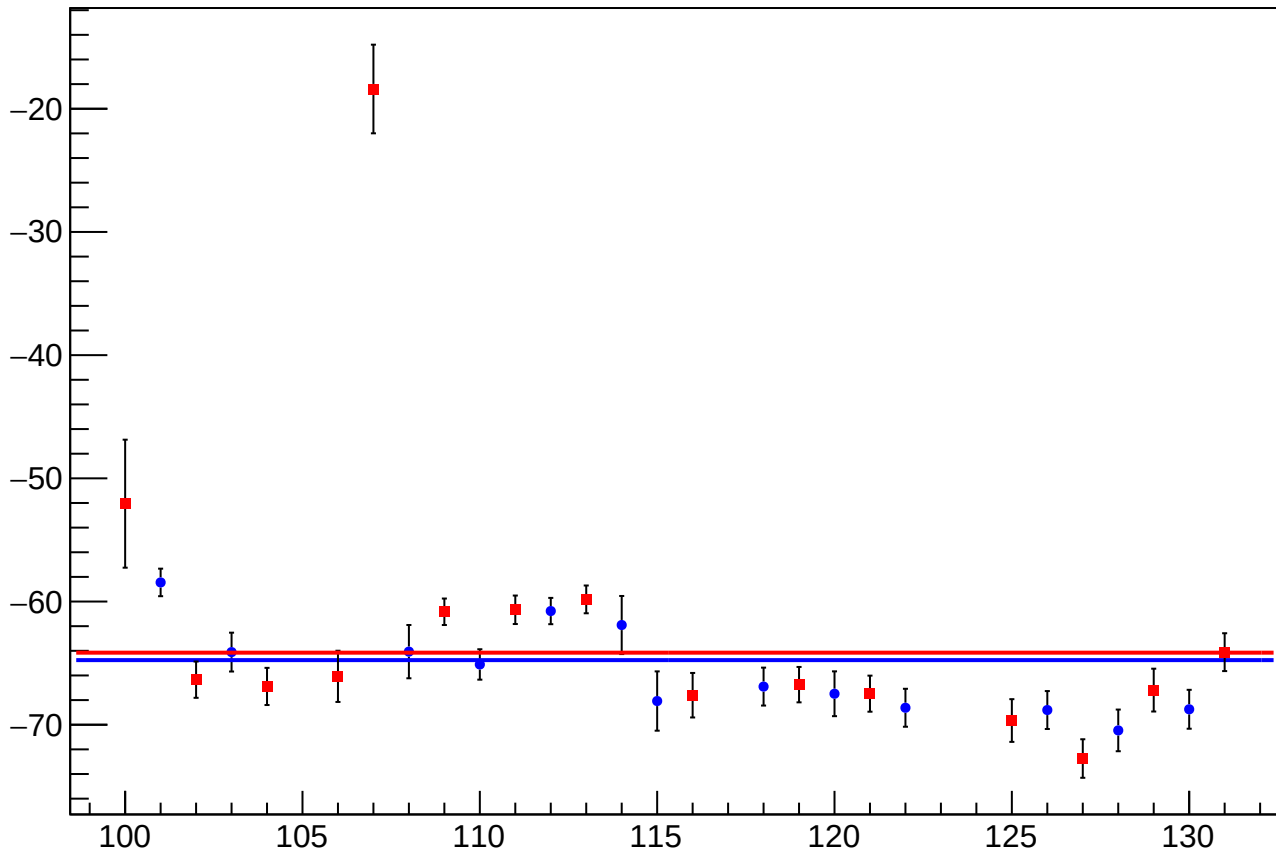
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.096 $\pm$ 0.272 χ^2 /NDF: 93.7/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -64.755 ± 0.422 χ^2/NDF : 84.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -64.150 ± 0.395 χ^2/NDF : 262.2/14

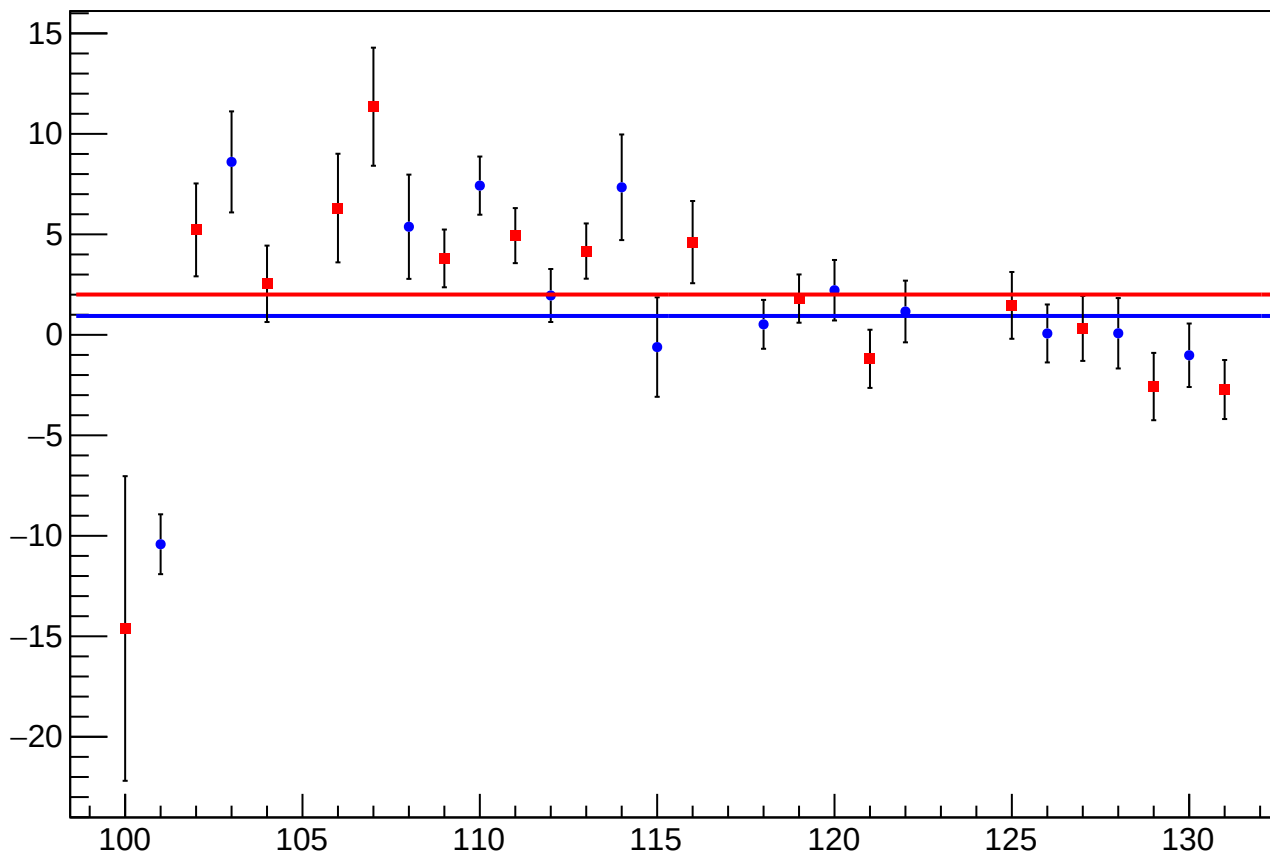
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -64.433 ± 0.288 χ^2/NDF : 348.0/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: 0.940 $\pm$ 0.453 χ^2 /NDF: 100.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.006 $\pm$ 0.436 χ^2 /NDF: 53.7/14

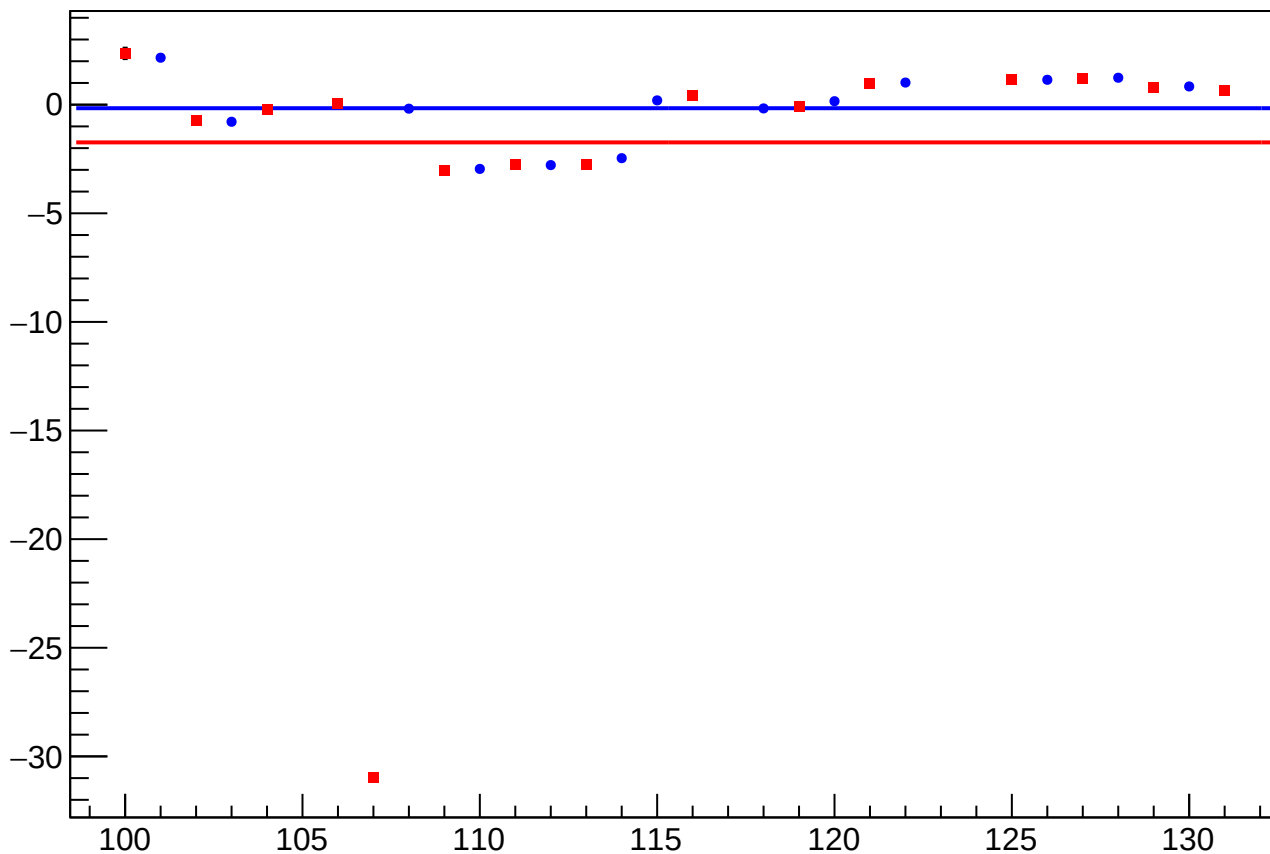
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.493 $\pm$ 0.314 χ^2 /NDF: 157.0/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: -0.162 ± 0.028 $\chi^2/\text{NDF}: 3583.2/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.736 ± 0.026 $\chi^2/\text{NDF}: 44434.9/14$

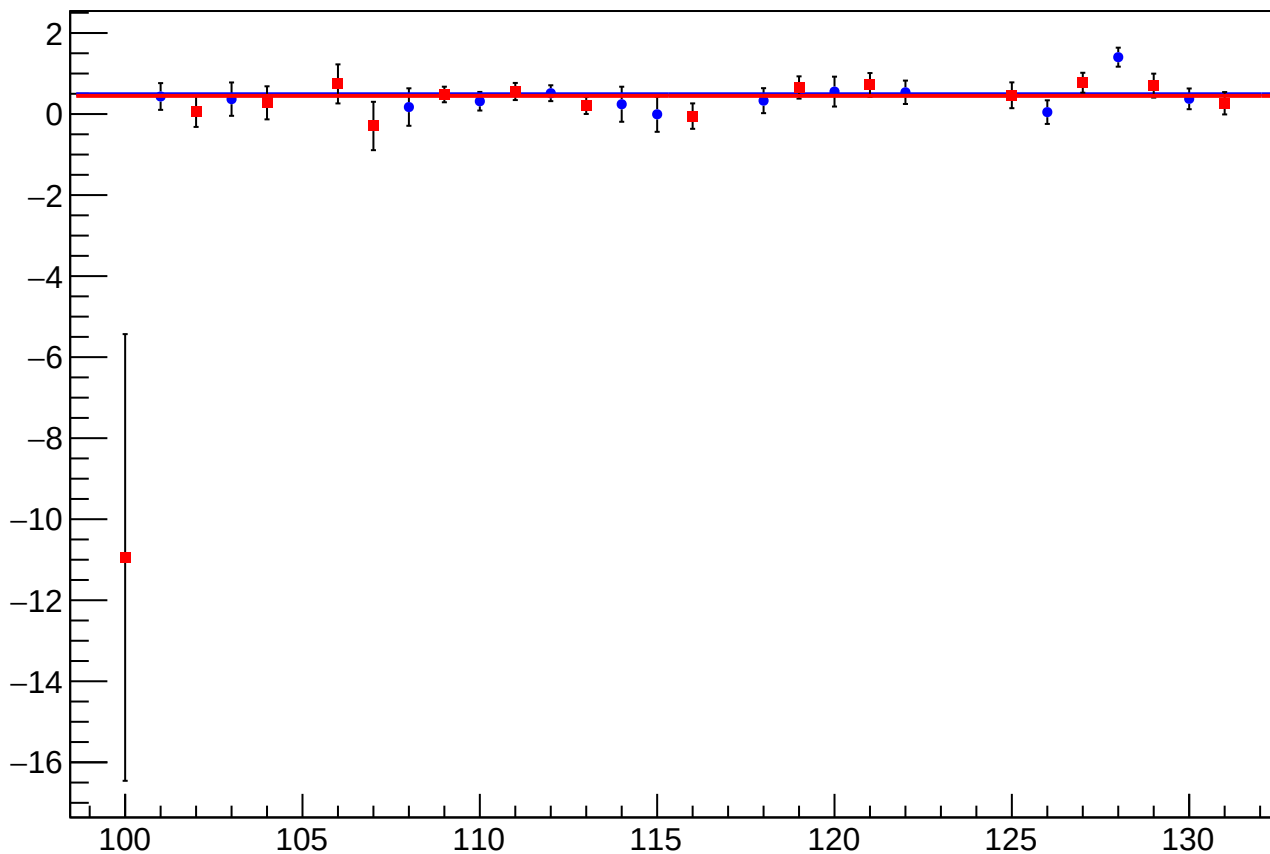
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.001 ± 0.019 $\chi^2/\text{NDF}: 49673.0/27$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: 0.488+/-0.081 χ^2/NDF : 20.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.449+/-0.075 χ^2/NDF : 15.7/14

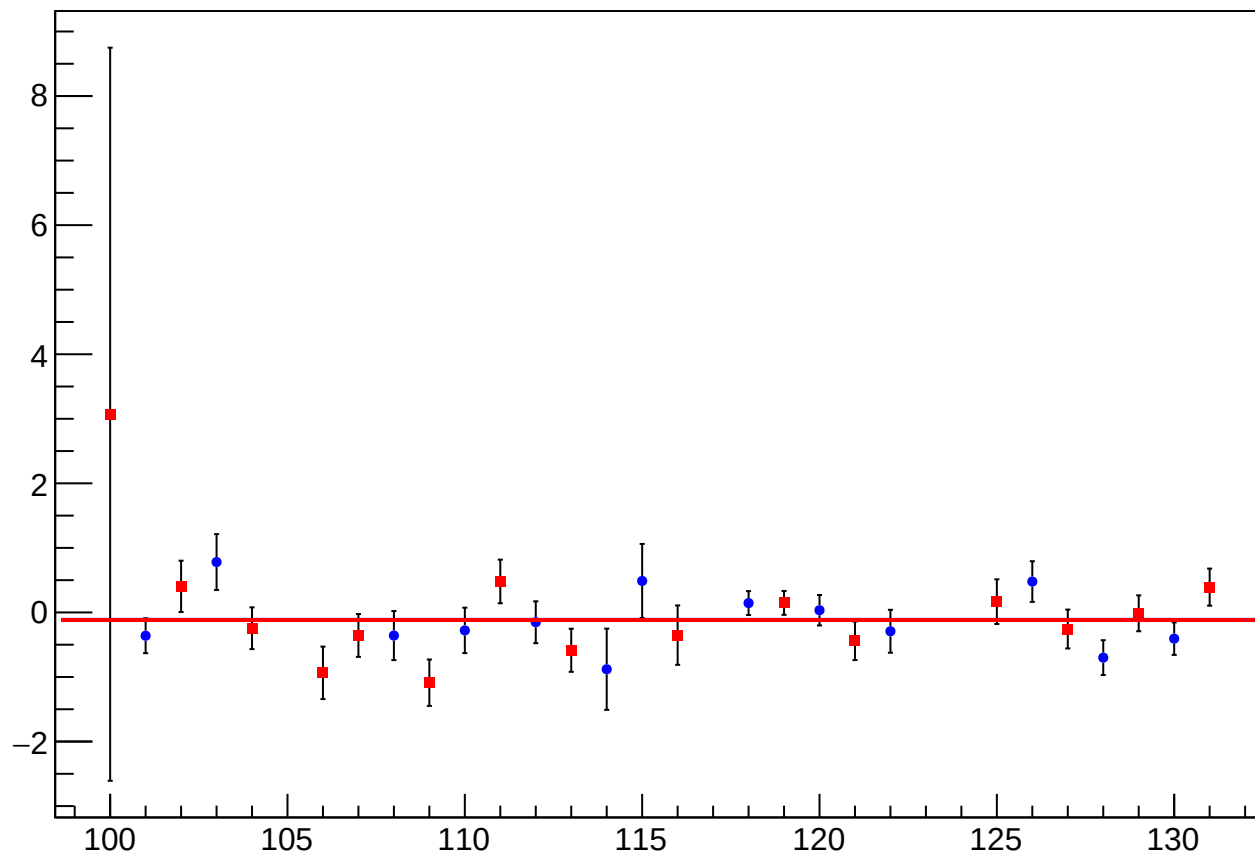
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.467+/-0.055 χ^2/NDF : 36.7/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.115 ± 0.083 χ^2/NDF : 20.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.118 ± 0.083 χ^2/NDF : 26.8/14

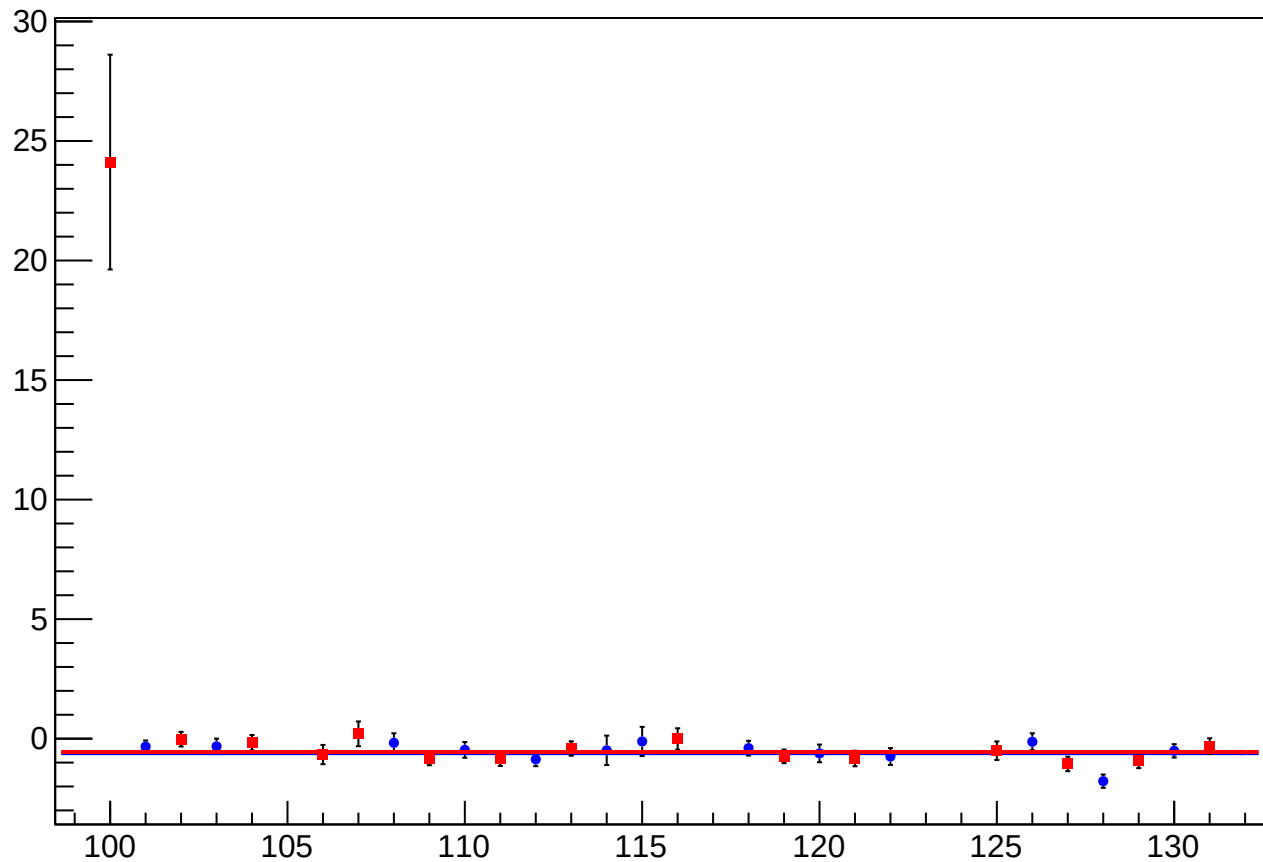
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.116 ± 0.059 χ^2/NDF : 47.4/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: -0.605 ± 0.092 χ^2/NDF : 25.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.556 ± 0.089 χ^2/NDF : 45.9/14

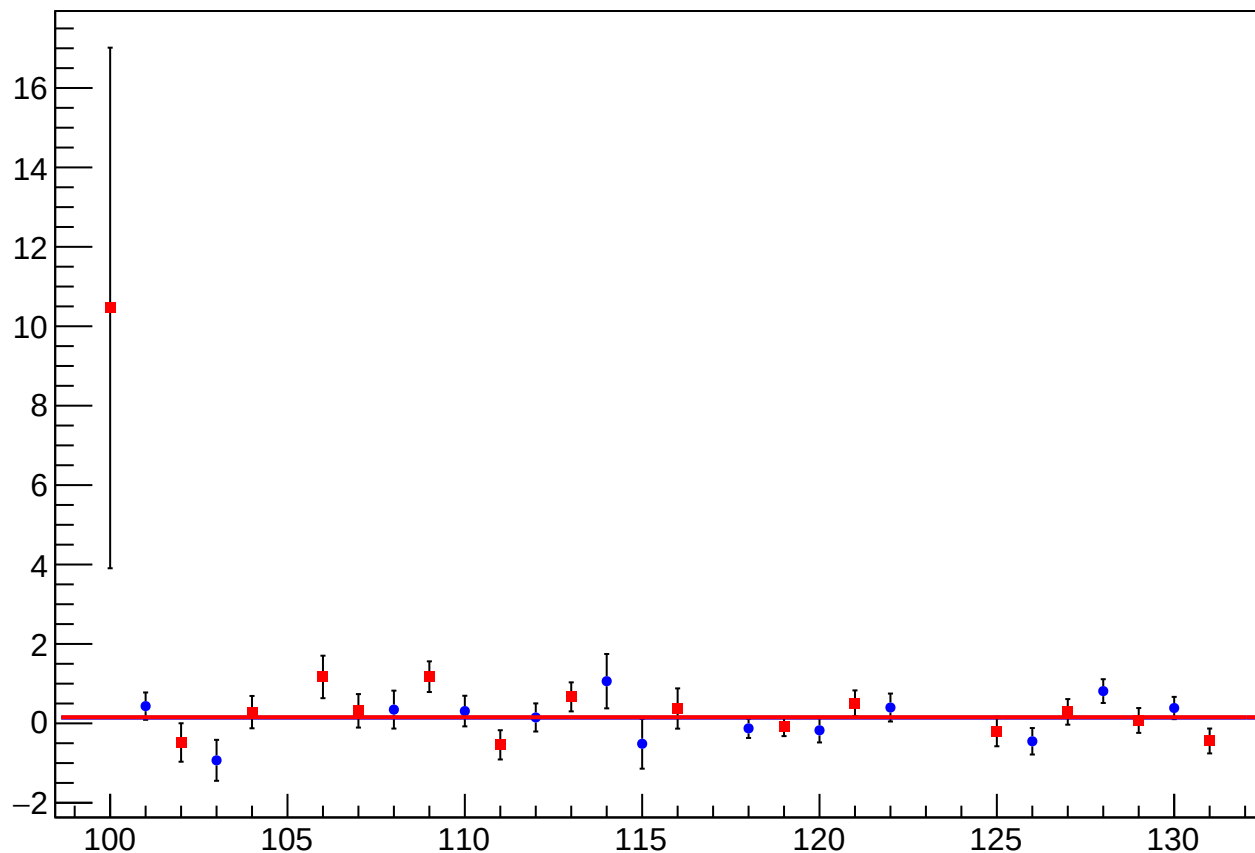
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.580 ± 0.064 χ^2/NDF : 71.2/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.144+/-0.098 χ^2/NDF : 20.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.155+/-0.096 χ^2/NDF : 27.8/14

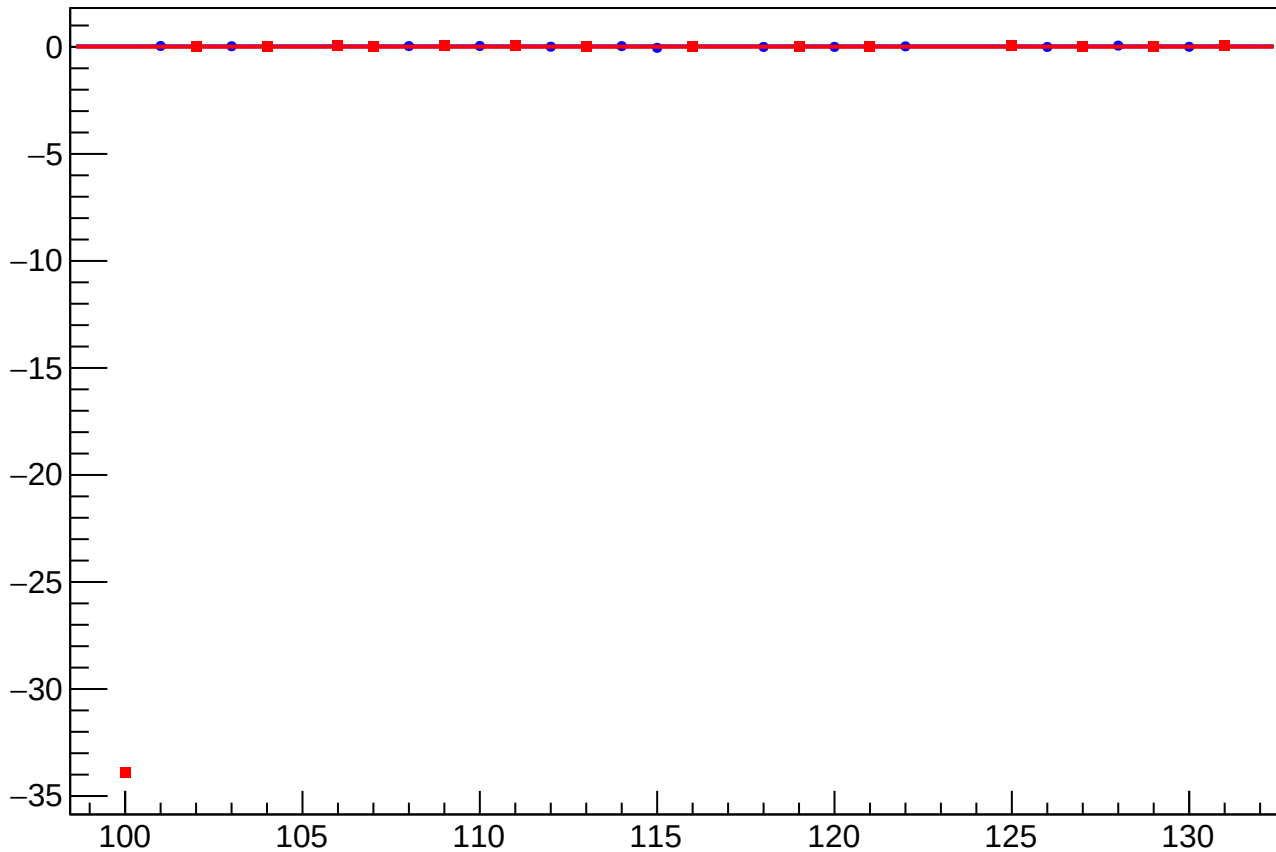
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.150+/-0.068 χ^2/NDF : 47.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: 0.026+/-0.006 χ^2/NDF : 11.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.006 χ^2/NDF : 22260.0/14

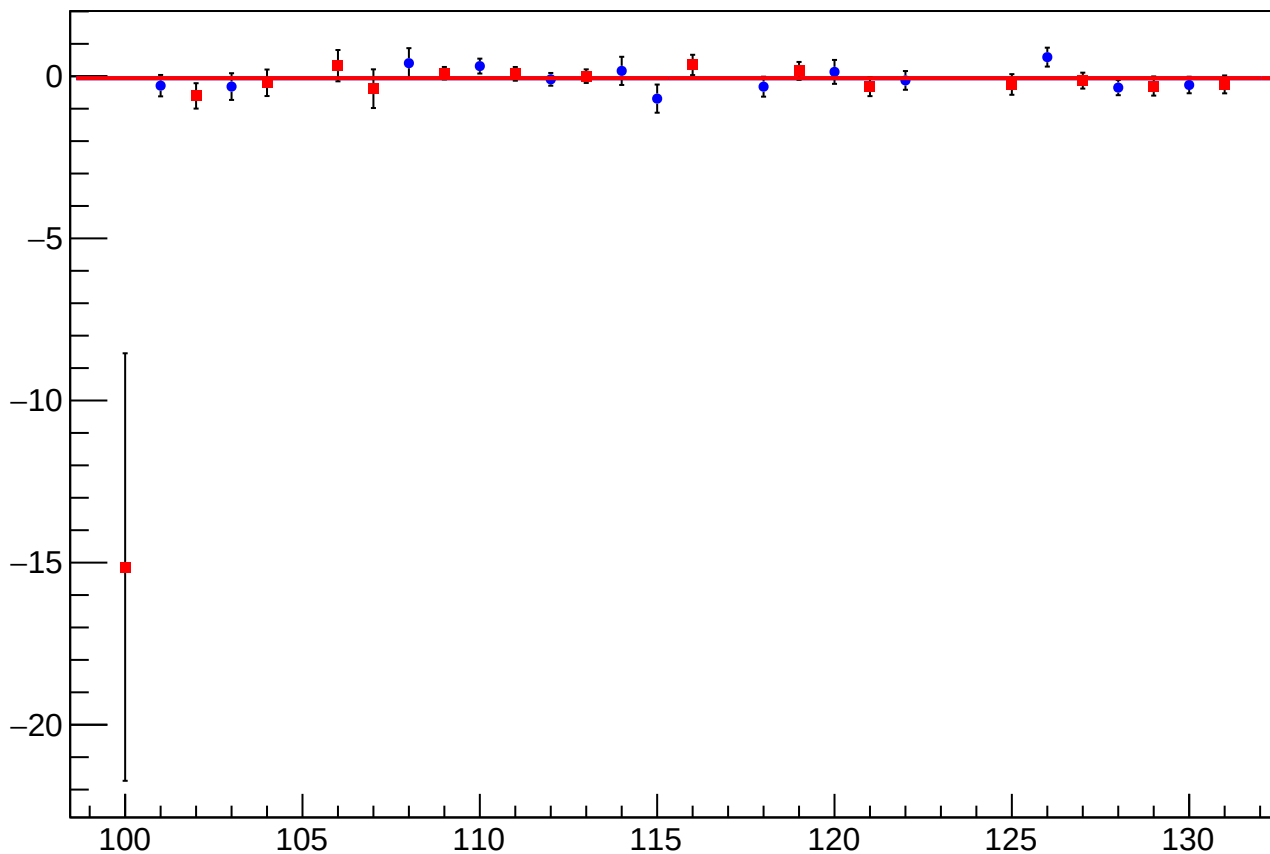
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.004 χ^2/NDF : 22274.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



Right In: -0.063 ± 0.082 $\chi^2/\text{NDF}: 15.2/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.058 ± 0.075 $\chi^2/\text{NDF}: 14.1/14$

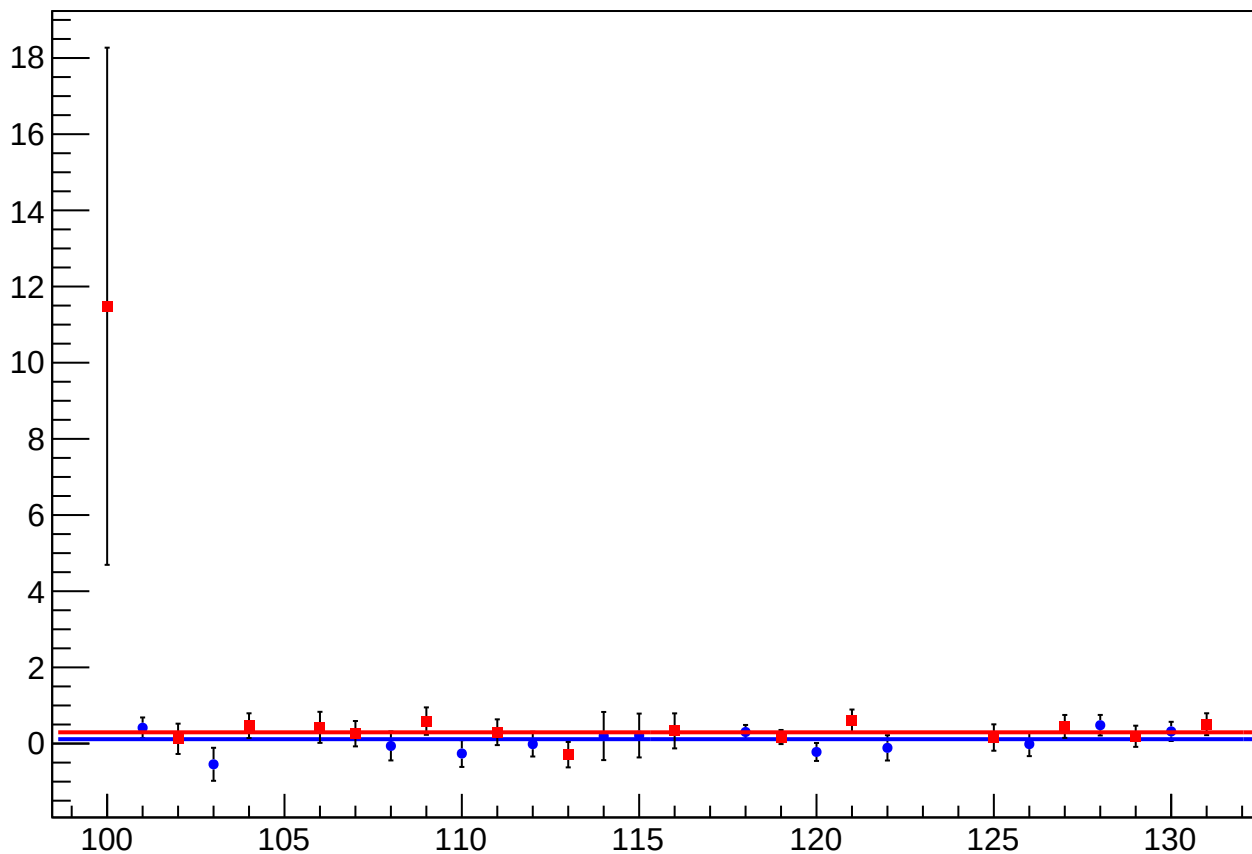
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.060 ± 0.055 $\chi^2/\text{NDF}: 29.3/27$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.115 ± 0.083 χ^2/NDF : 11.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.295 ± 0.083 χ^2/NDF : 9.6/14

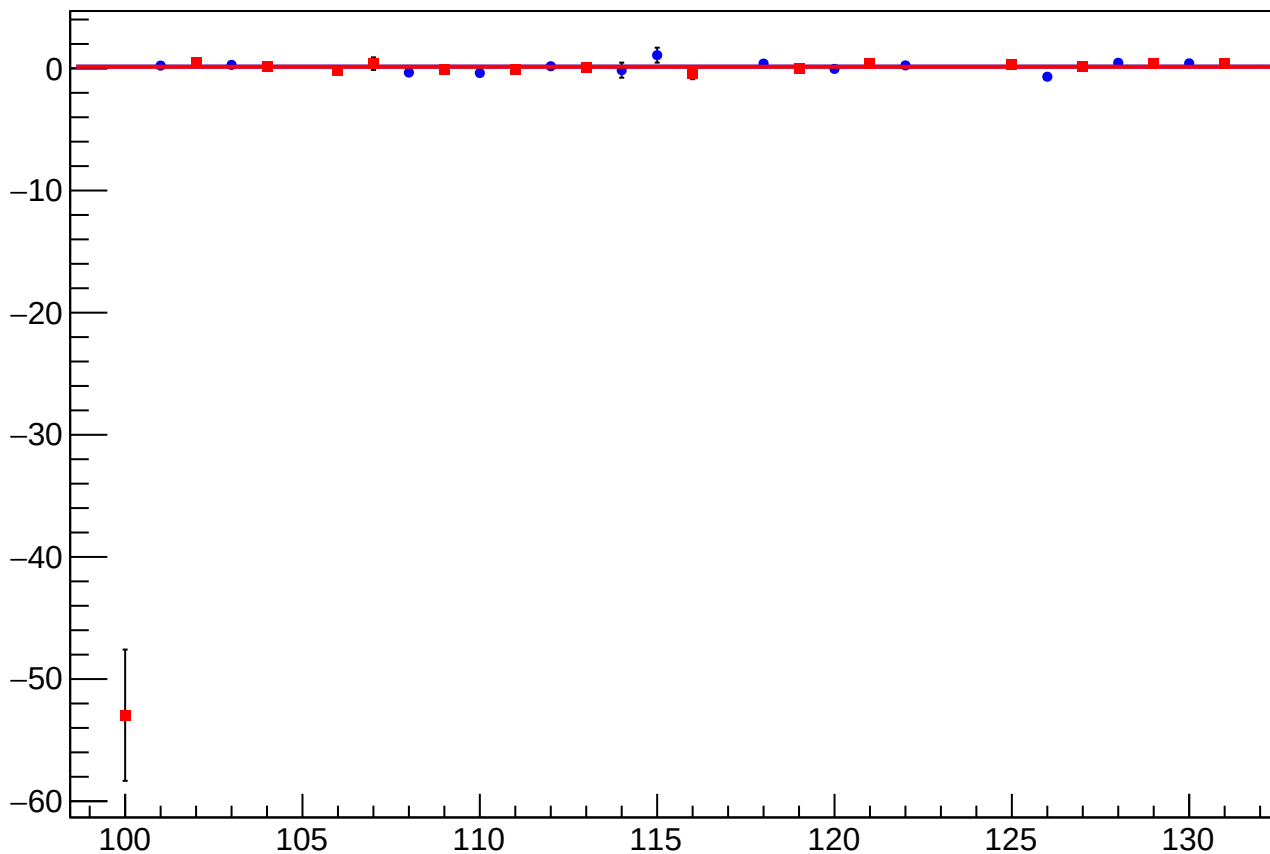
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.206 ± 0.059 χ^2/NDF : 23.3/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.145 $\pm$ 0.092 χ^2 /NDF: 15.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.136 $\pm$ 0.089 χ^2 /NDF: 104.9/14

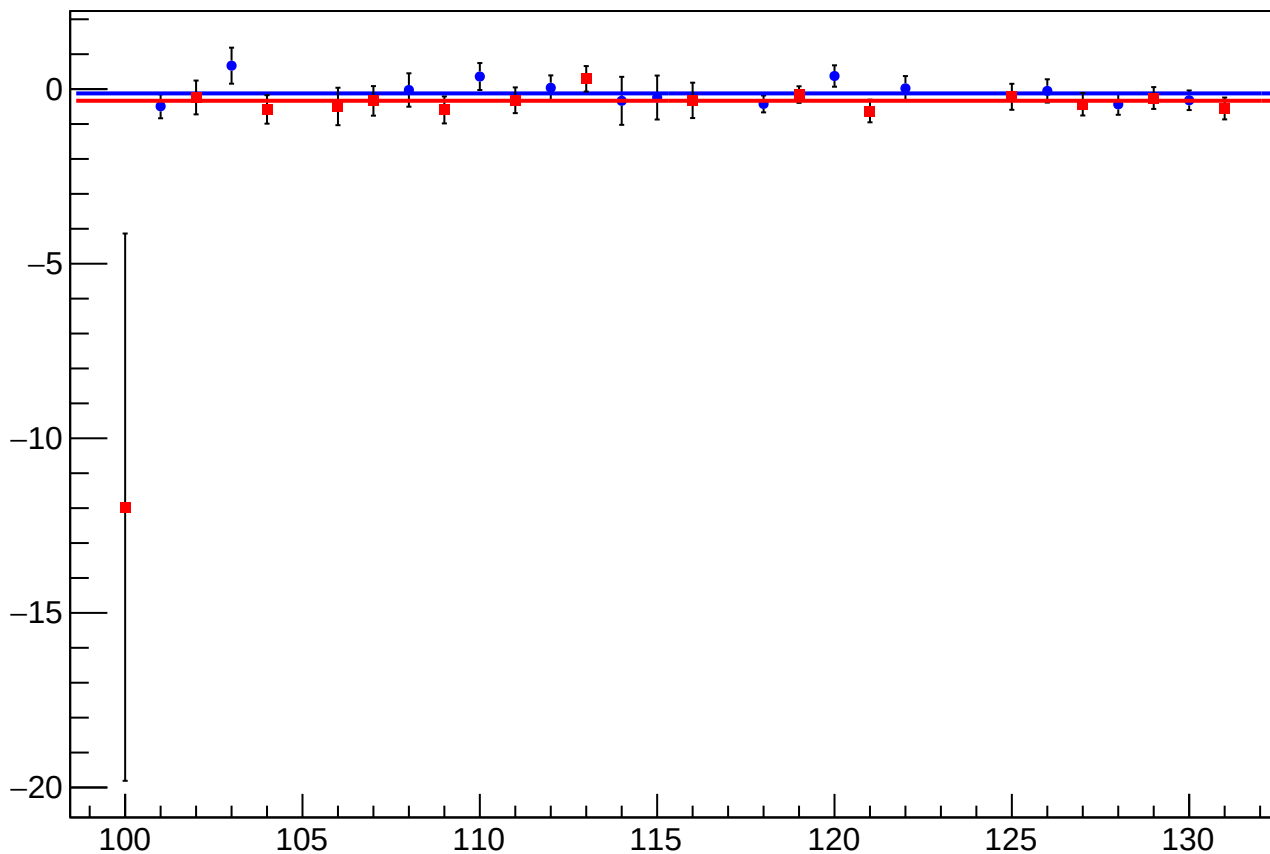
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.140 $\pm$ 0.064 χ^2 /NDF: 120.4/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.123 ± 0.098 χ^2/NDF : 11.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.334 ± 0.096 χ^2/NDF : 8.3/14

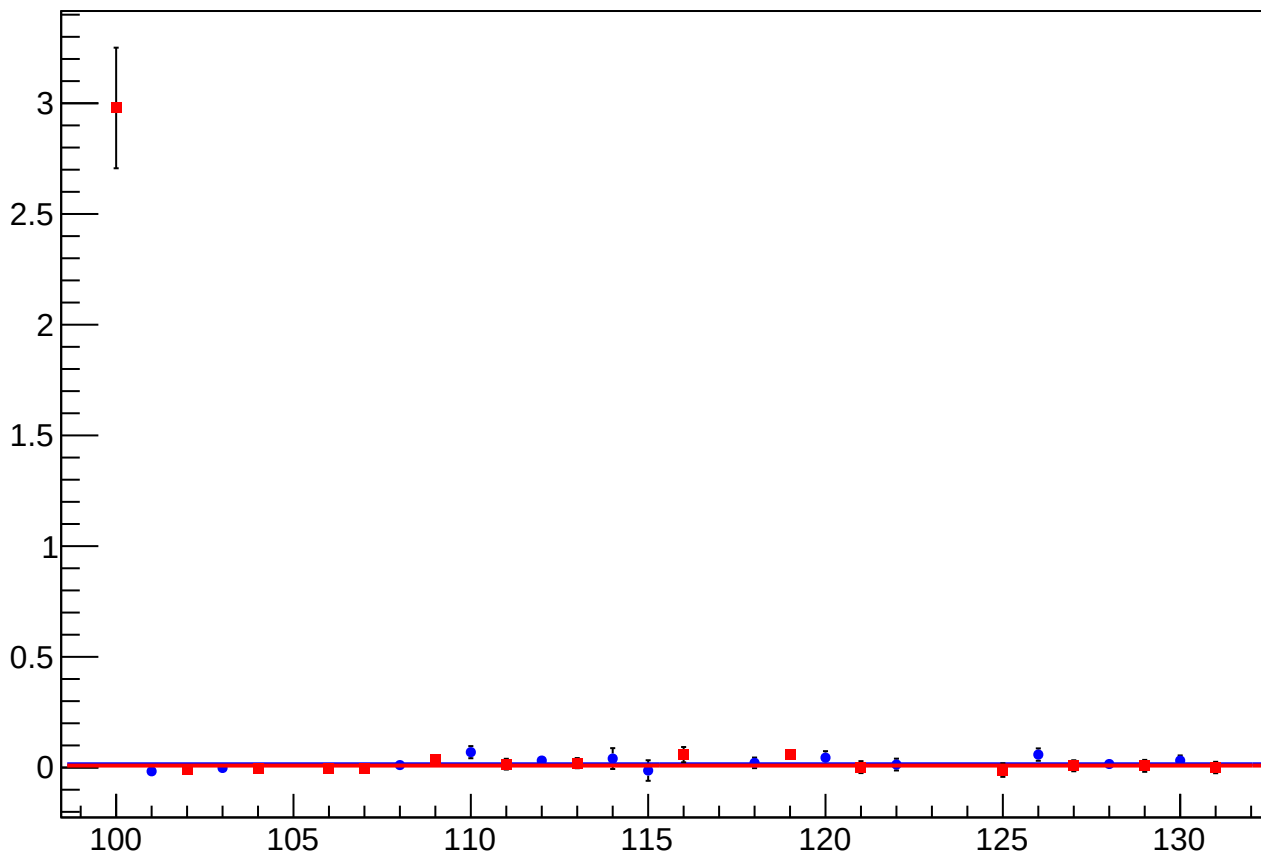
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.231 ± 0.068 χ^2/NDF : 22.1/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: 0.015 $\pm$ 0.006 χ^2 /NDF: 15.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.009 $\pm$ 0.006 χ^2 /NDF: 131.6/14

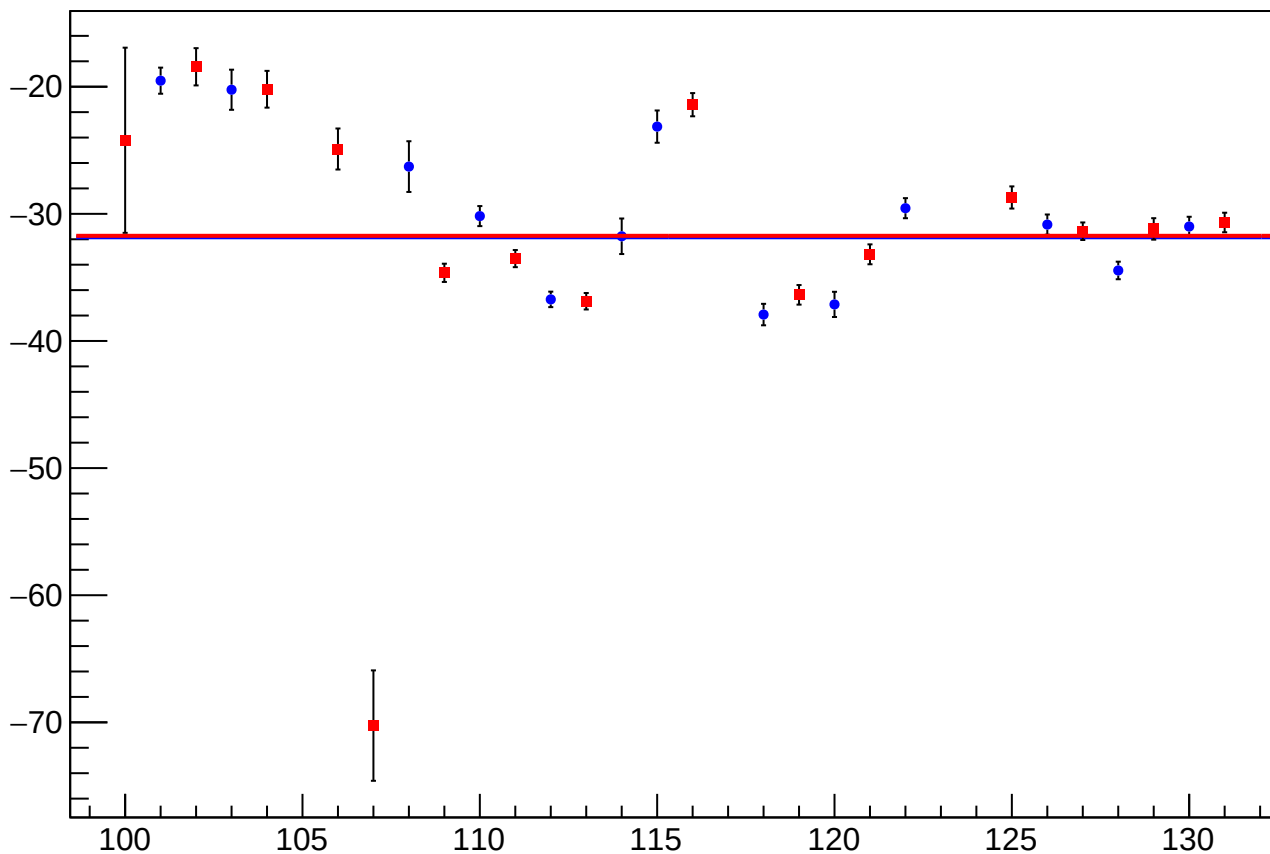
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.004 χ^2 /NDF: 147.3/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_left_avg_diff_bpm1X_slope vs Slug



Right In: -31.843 ± 0.247 χ^2/NDF : 427.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -31.728 ± 0.230 χ^2/NDF : 512.2/14

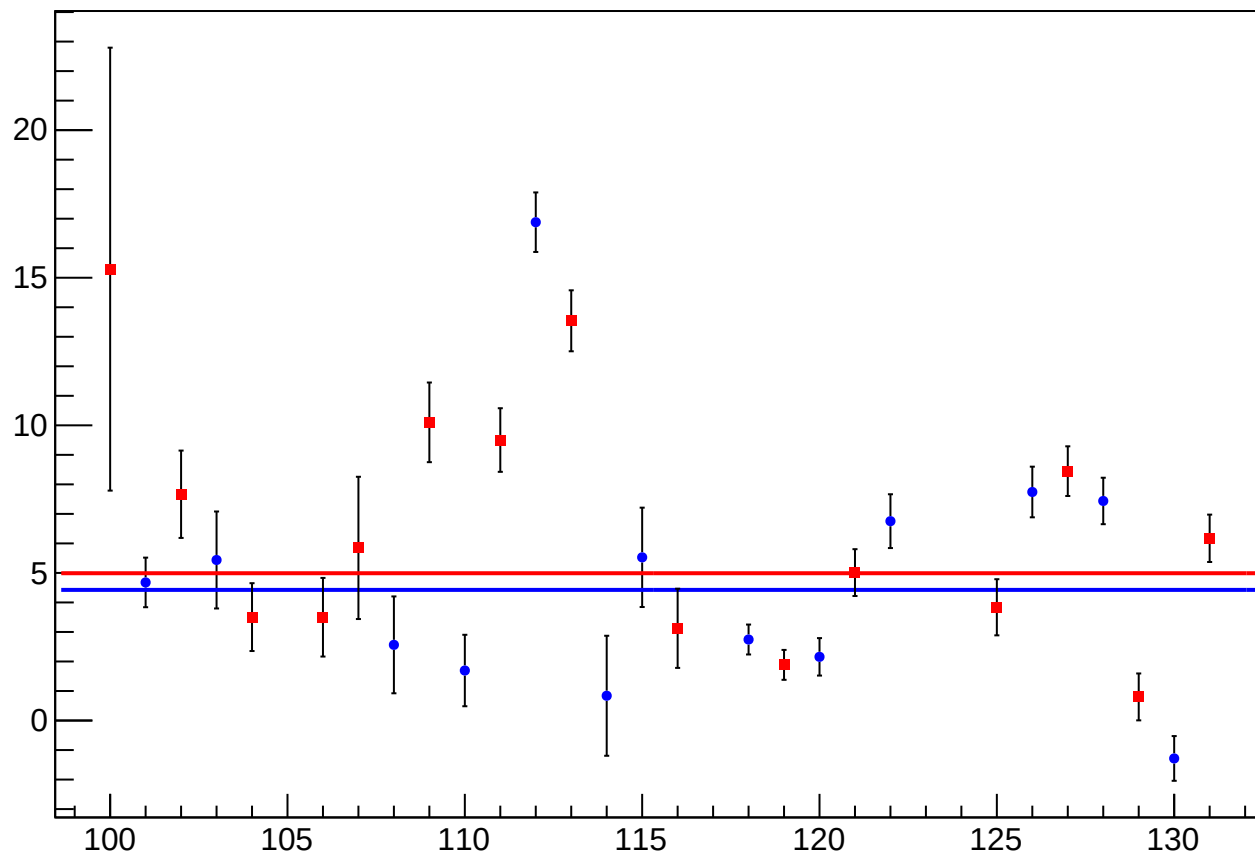
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.781 ± 0.168 χ^2/NDF : 939.7/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 4.425+/-0.245 χ^2/NDF : 279.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.990+/-0.250 χ^2/NDF : 196.5/14

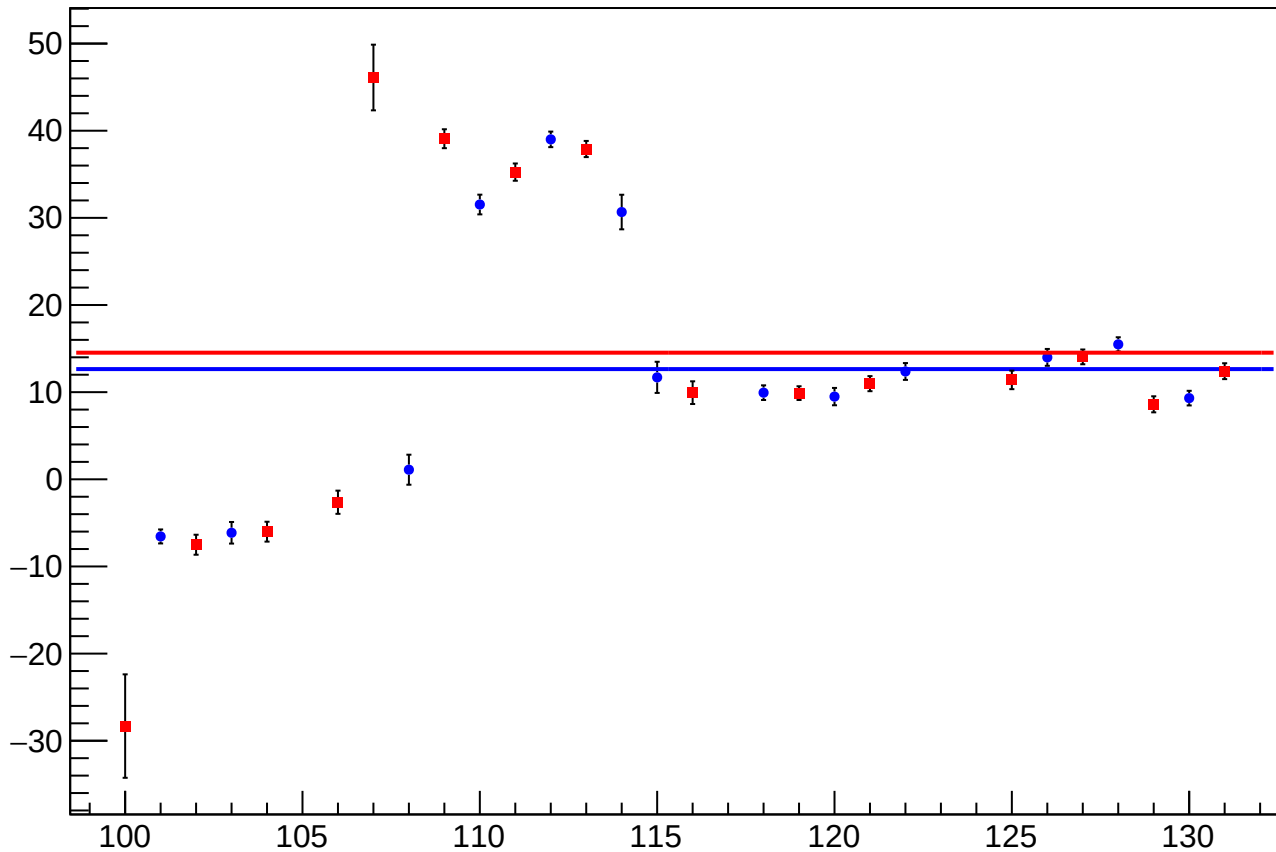
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.702+/-0.175 χ^2/NDF : 478.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 12.647 $\pm$ 0.281 χ^2 /NDF: 2132.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.530 $\pm$ 0.273 χ^2 /NDF: 2685.2/14

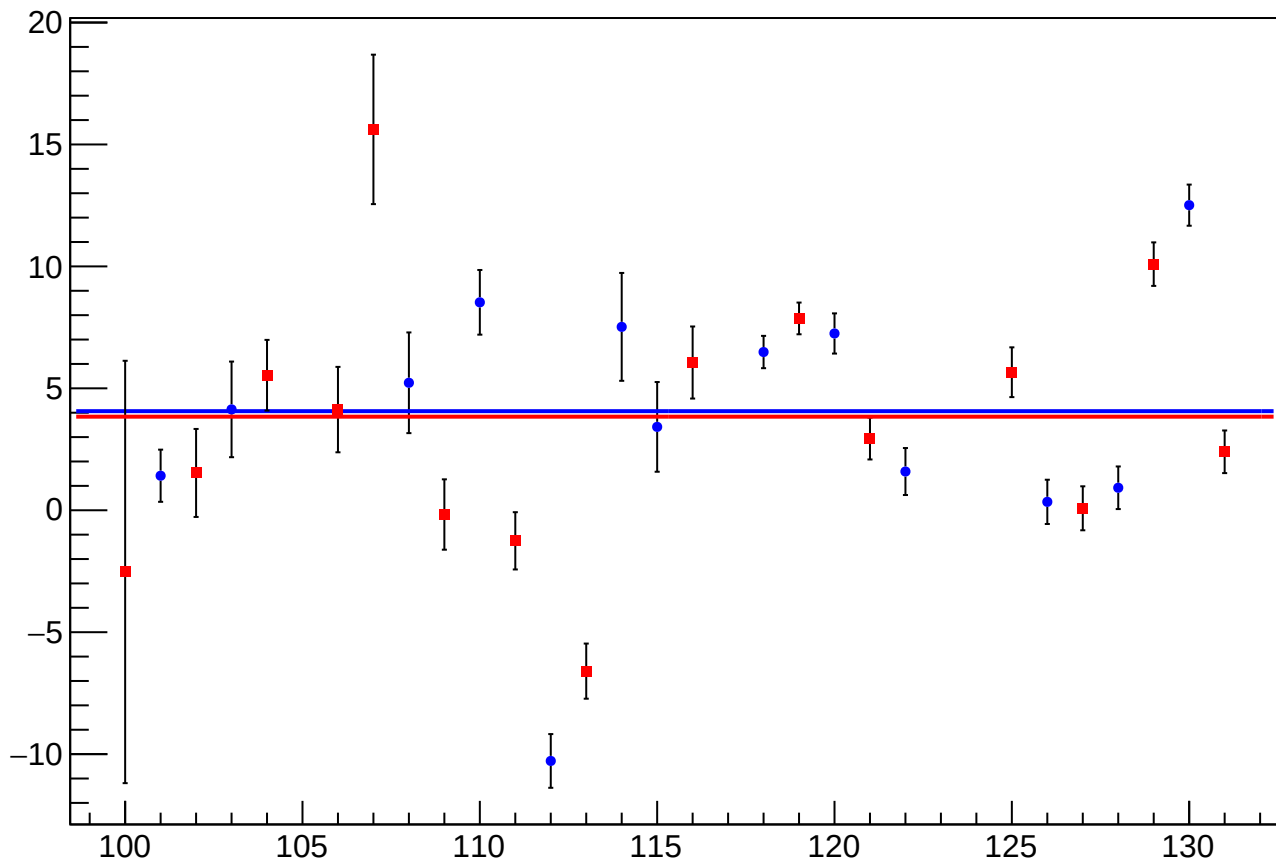
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.617 $\pm$ 0.196 χ^2 /NDF: 4840.4/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.063+/-0.288 χ^2/NDF : 354.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.838+/-0.287 χ^2/NDF : 244.2/14

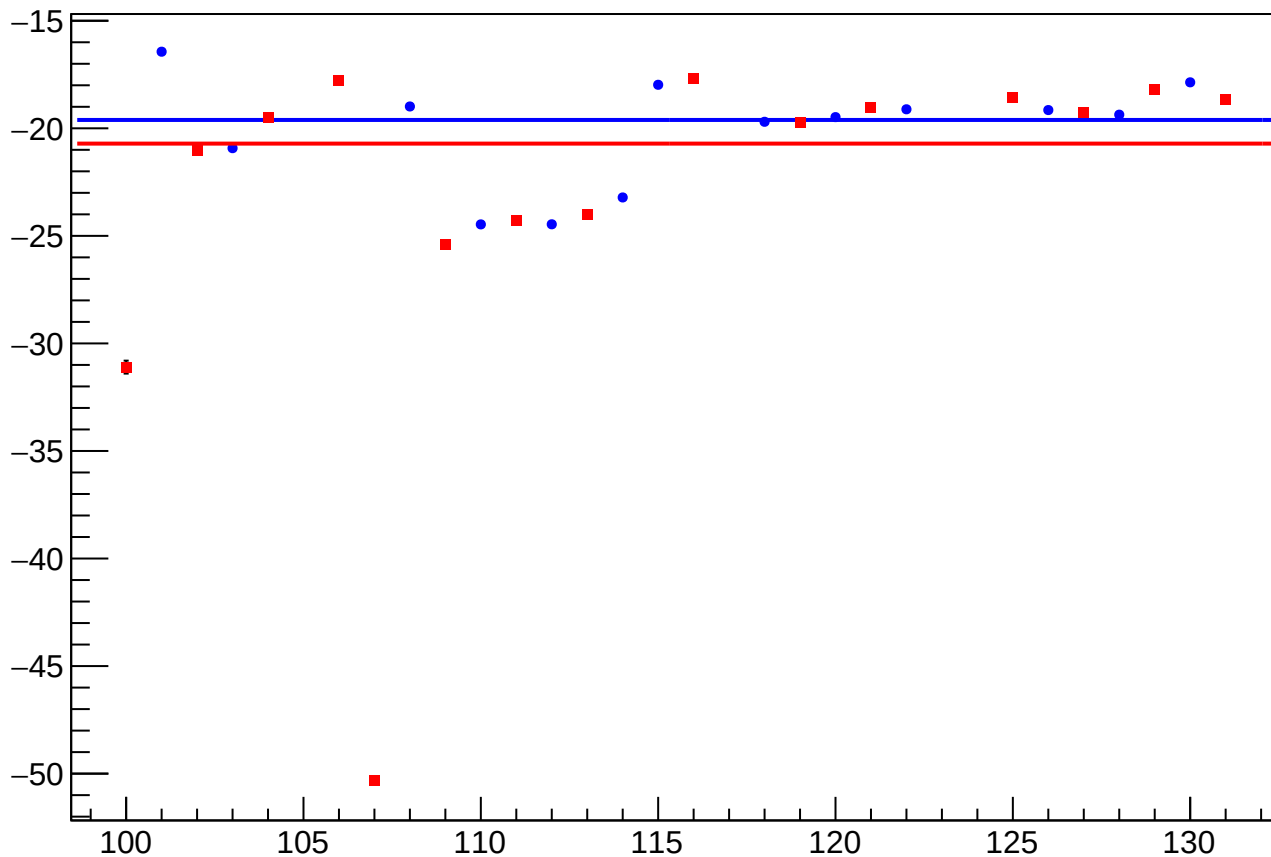
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.950+/-0.203 χ^2/NDF : 599.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.611 $\pm$ 0.020 χ^2 /NDF: 14071.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -20.711 $\pm$ 0.019 χ^2 /NDF: 53835.9/14

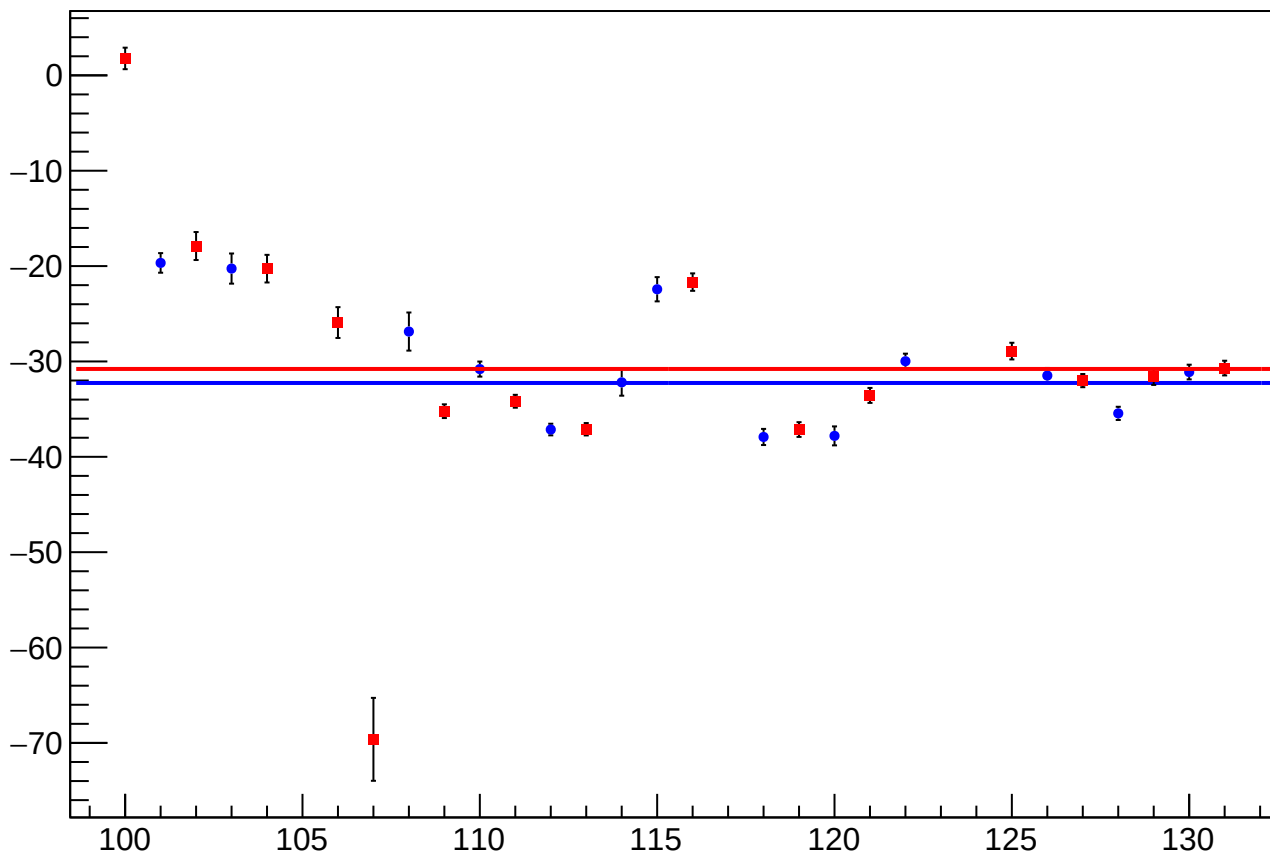
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -20.183 $\pm$ 0.014 χ^2 /NDF: 69548.5/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: -32.256 ± 0.247 χ^2/NDF : 450.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -30.787 ± 0.226 χ^2/NDF : 1397.4/14

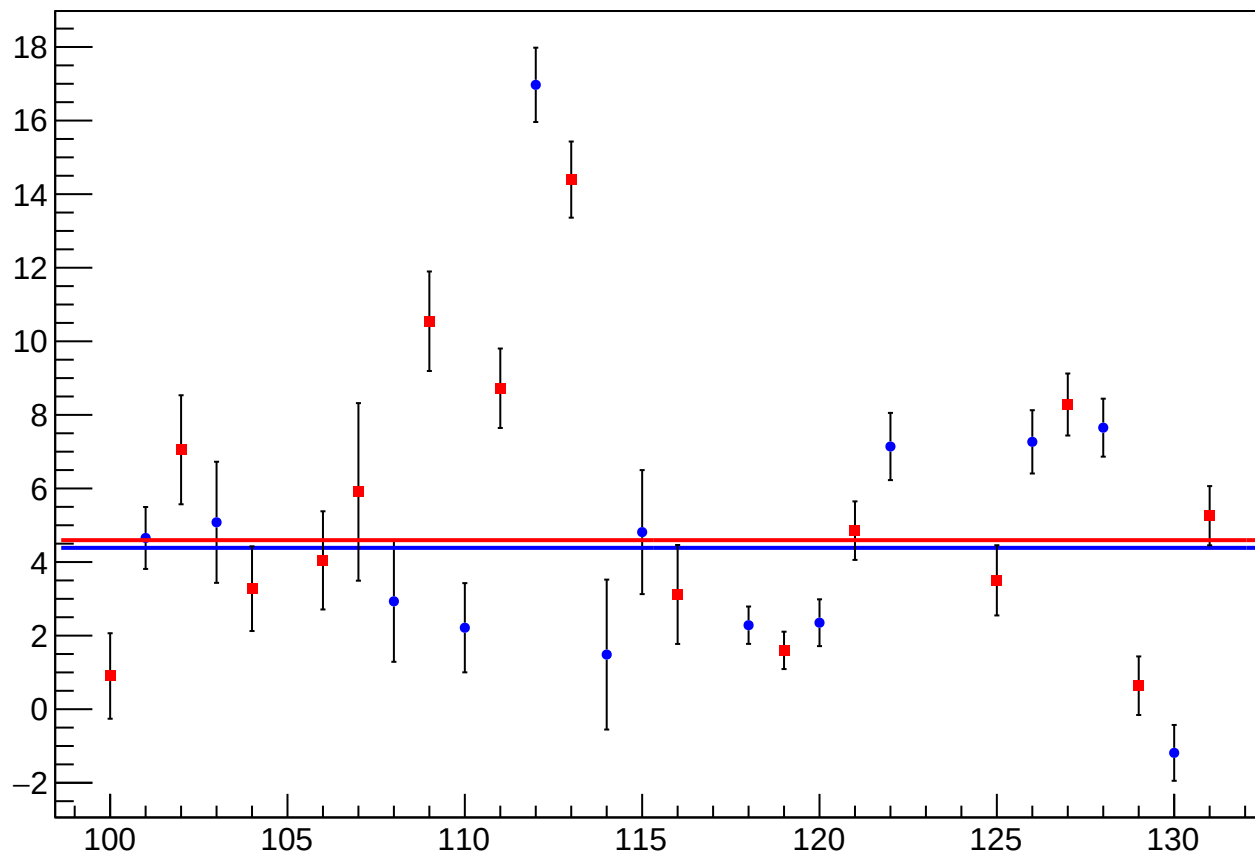
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.455 ± 0.167 χ^2/NDF : 1867.3/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 4.386+/-0.245 χ^2/NDF : 280.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.595+/-0.245 χ^2/NDF : 220.2/14

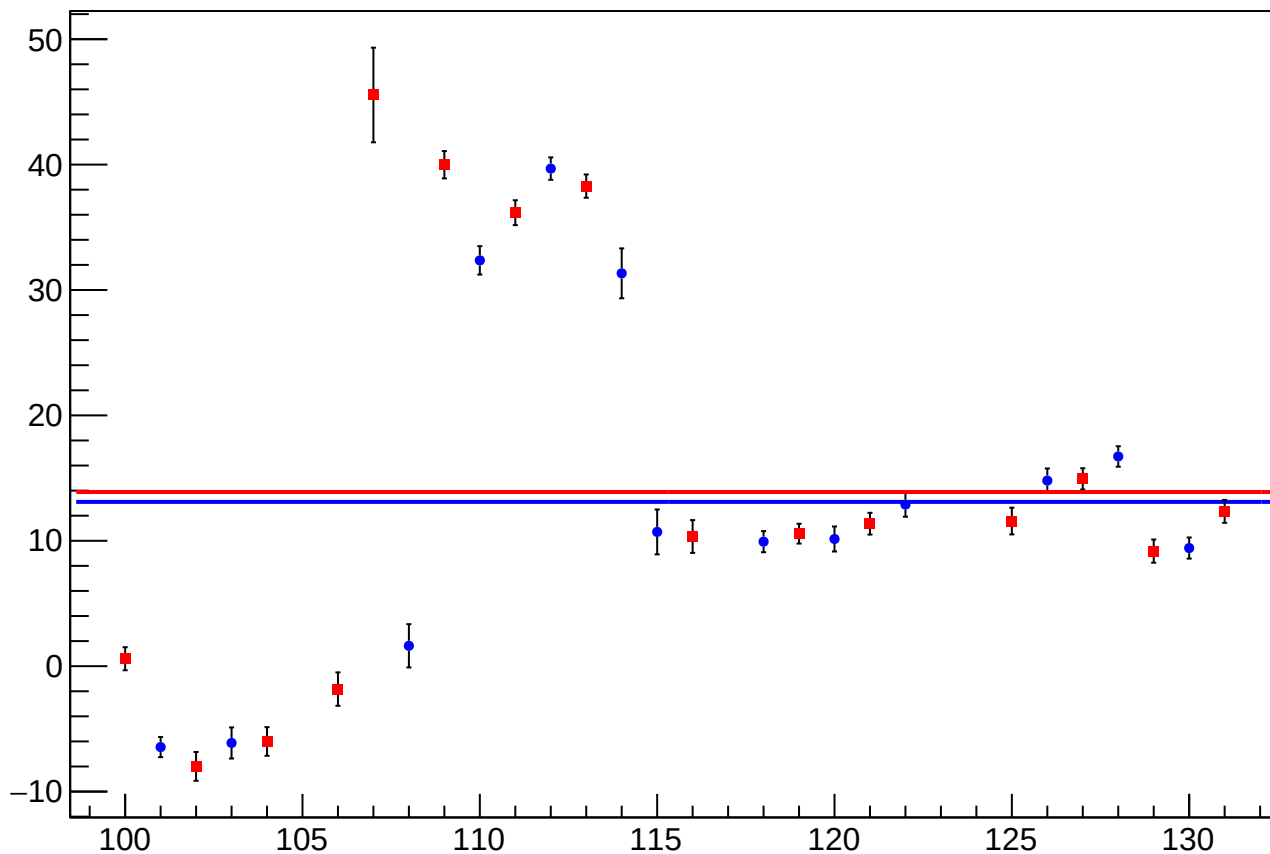
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.490+/-0.173 χ^2/NDF : 500.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 13.101 $\pm$ 0.282 χ^2 /NDF: 2199.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.889 $\pm$ 0.262 χ^2 /NDF: 2920.9/14

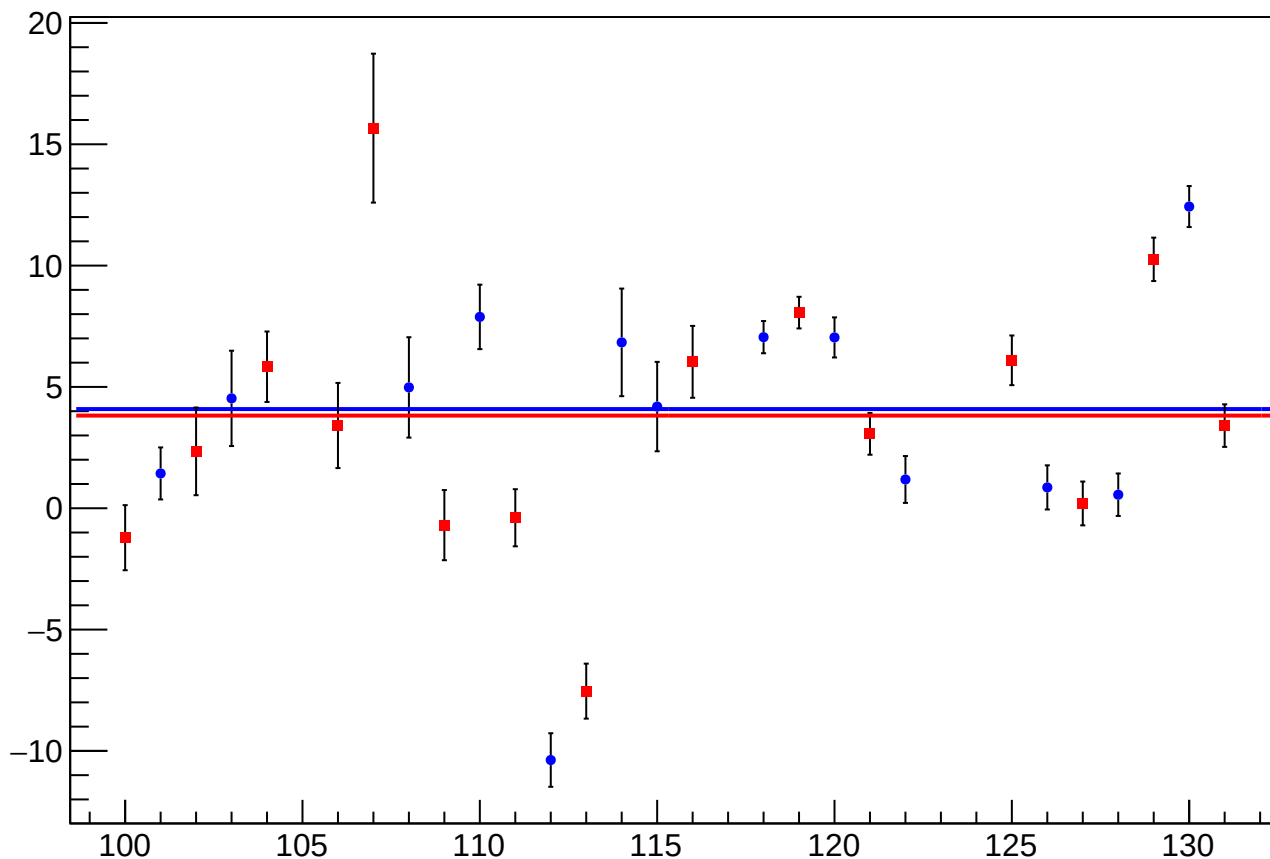
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.524 $\pm$ 0.192 χ^2 /NDF: 5124.2/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.087 $\pm$ 0.289 χ^2 /NDF: 356.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.819 $\pm$ 0.281 χ^2 /NDF: 273.1/14

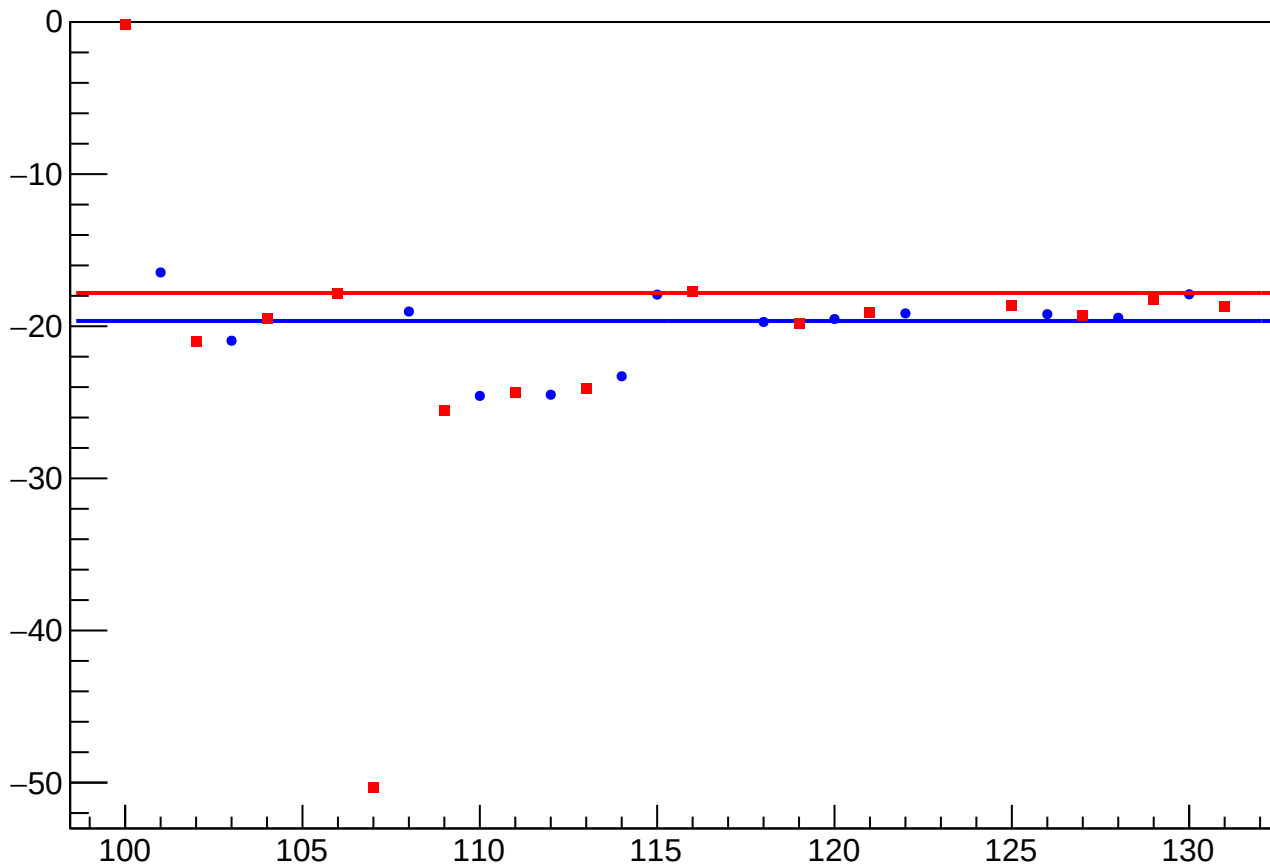
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.950 $\pm$ 0.202 χ^2 /NDF: 629.5/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.651 $\pm$ 0.020 χ^2 /NDF: 14146.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -17.812 $\pm$ 0.018 χ^2 /NDF: 219604.6/14

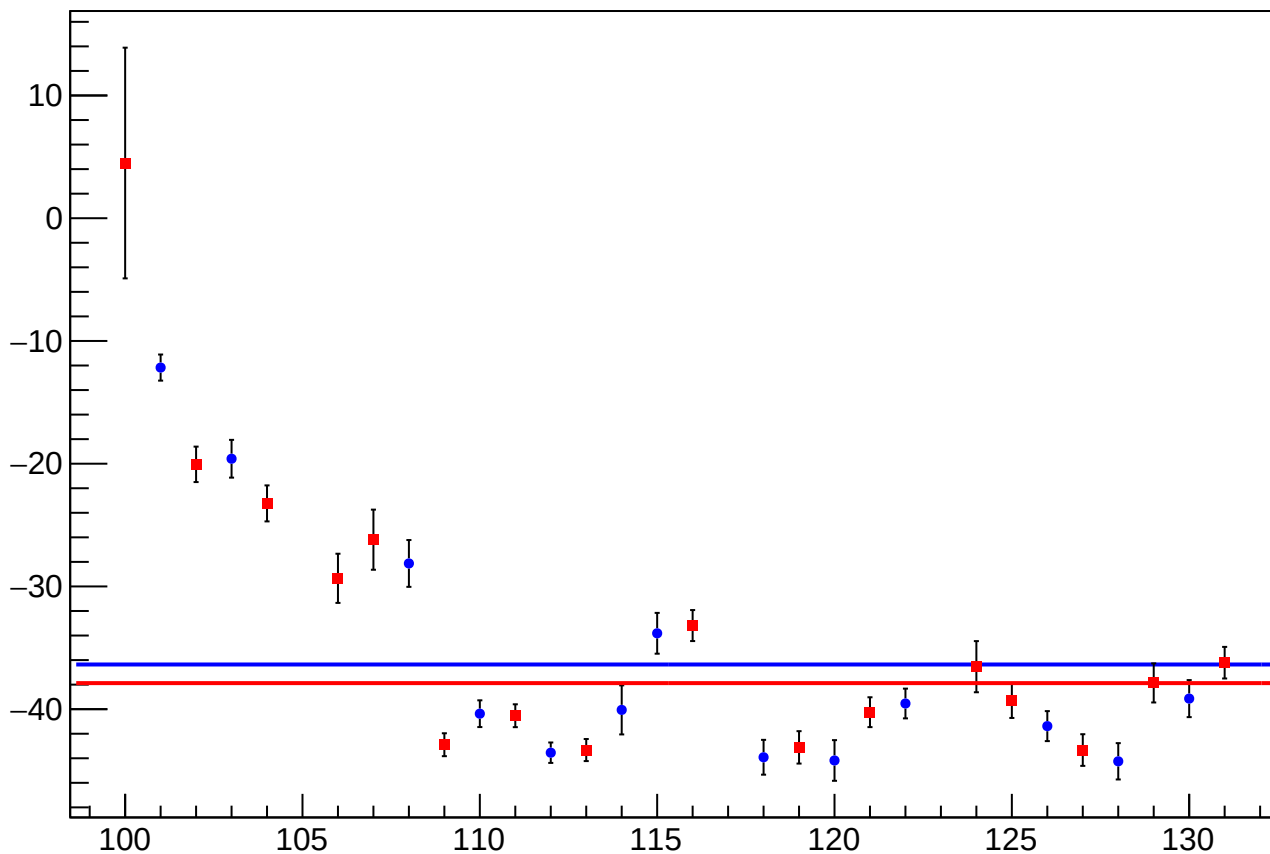
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -18.628 $\pm$ 0.013 χ^2 /NDF: 238642.5/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: -36.359 ± 0.363 χ^2/NDF : 854.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -37.877 ± 0.331 χ^2/NDF : 441.4/15

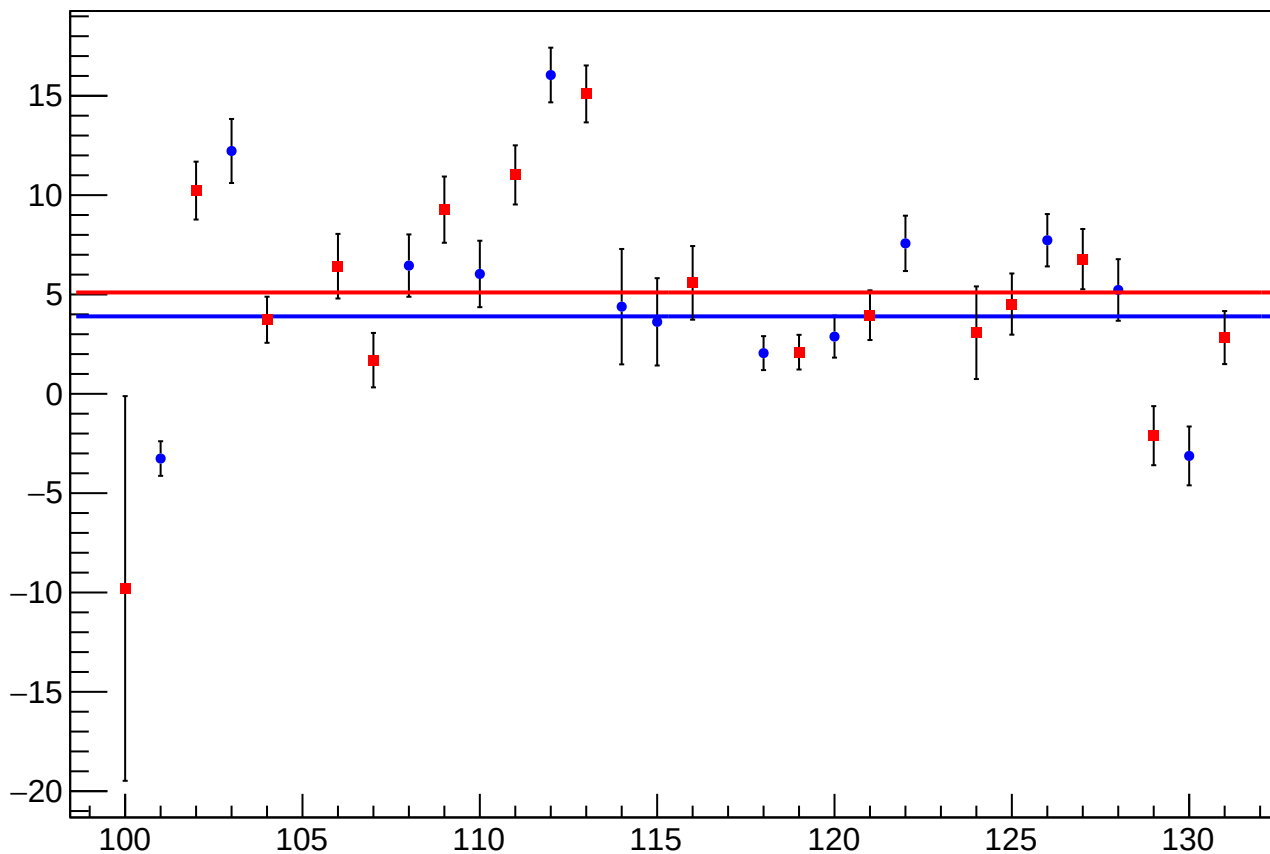
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -37.187 ± 0.245 χ^2/NDF : 1305.5/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 3.898+/-0.364 χ^2/NDF : 220.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.102+/-0.360 χ^2/NDF : 135.0/15

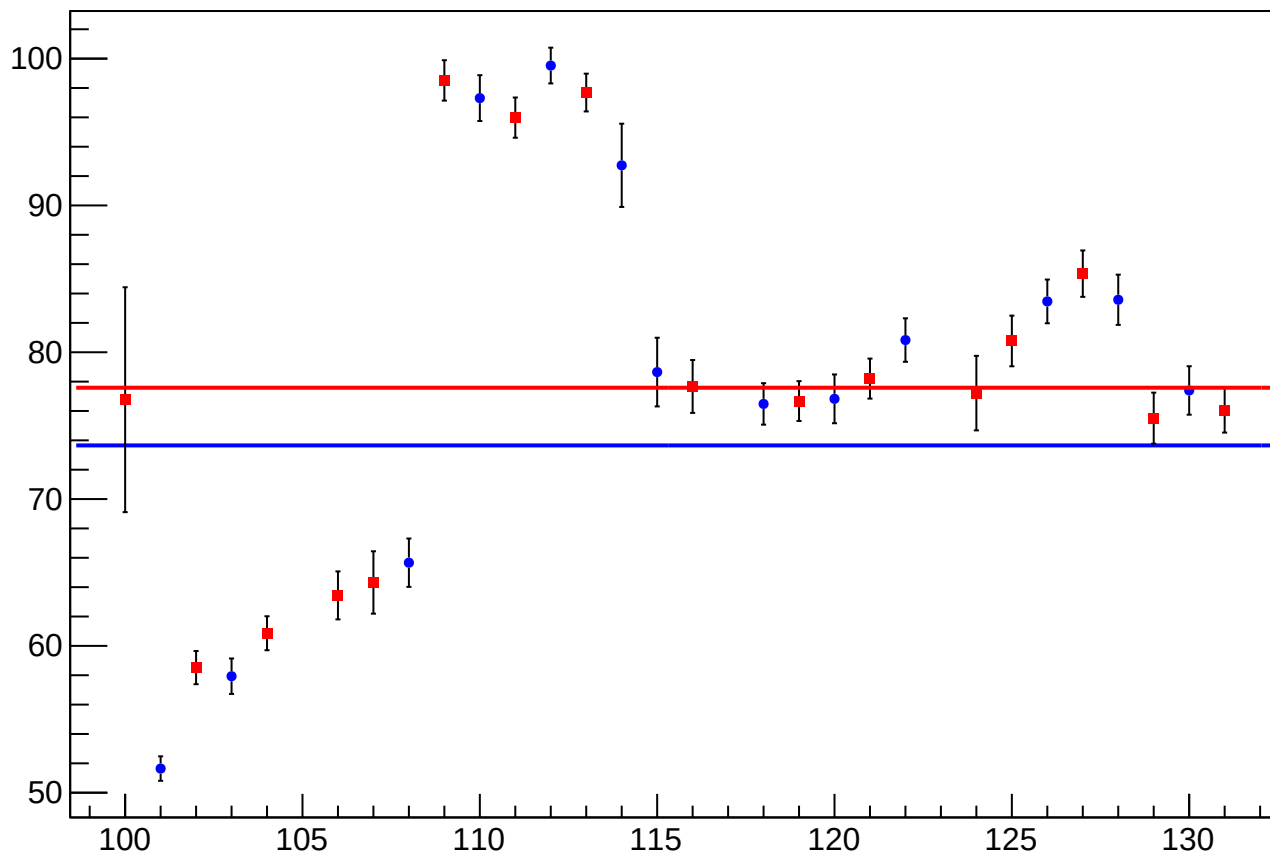
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.507+/-0.256 χ^2/NDF : 361.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 73.654+/-0.396 χ^2/NDF : 1735.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.585+/-0.382 χ^2/NDF : 1293.7/15

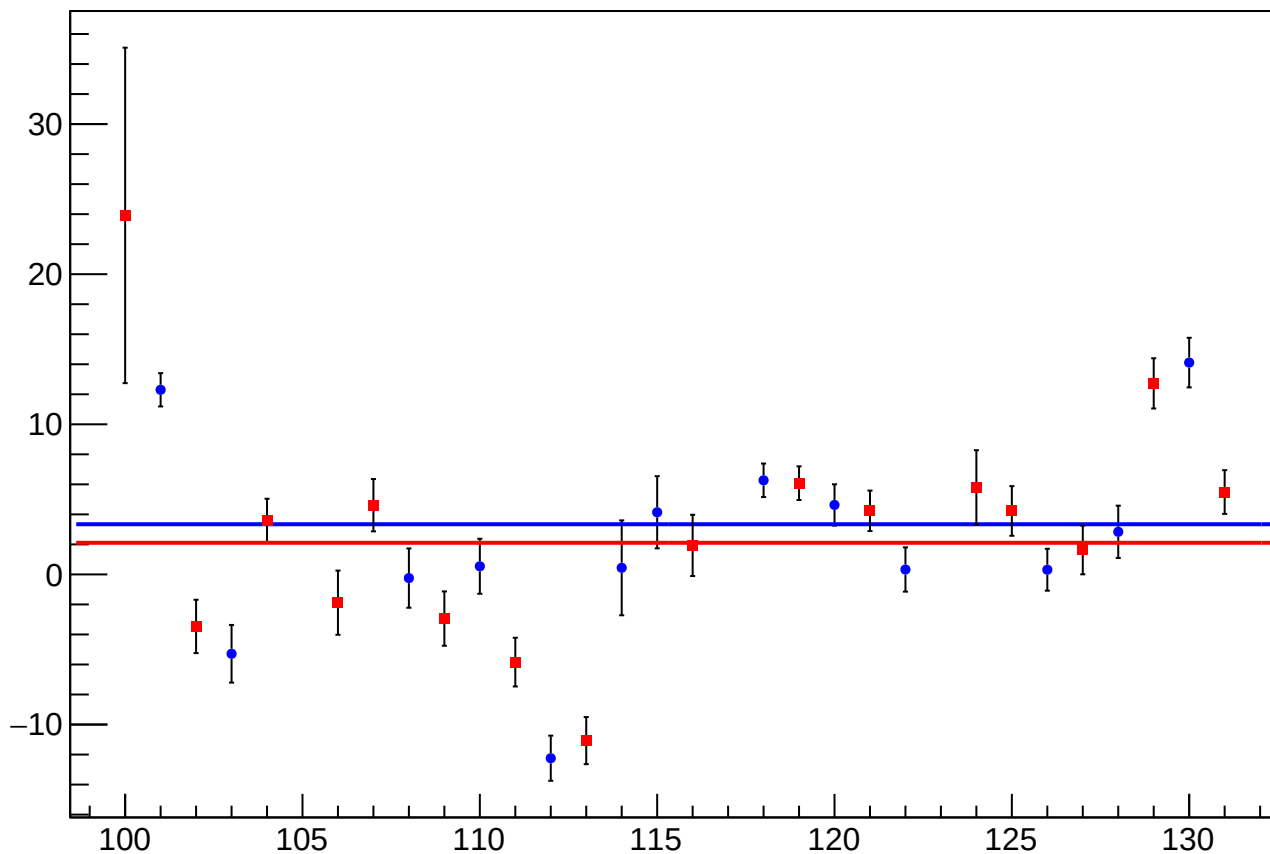
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.691+/-0.275 χ^2/NDF : 3080.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 3.343 ± 0.432 χ^2/NDF : 258.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.108 ± 0.417 χ^2/NDF : 187.2/15

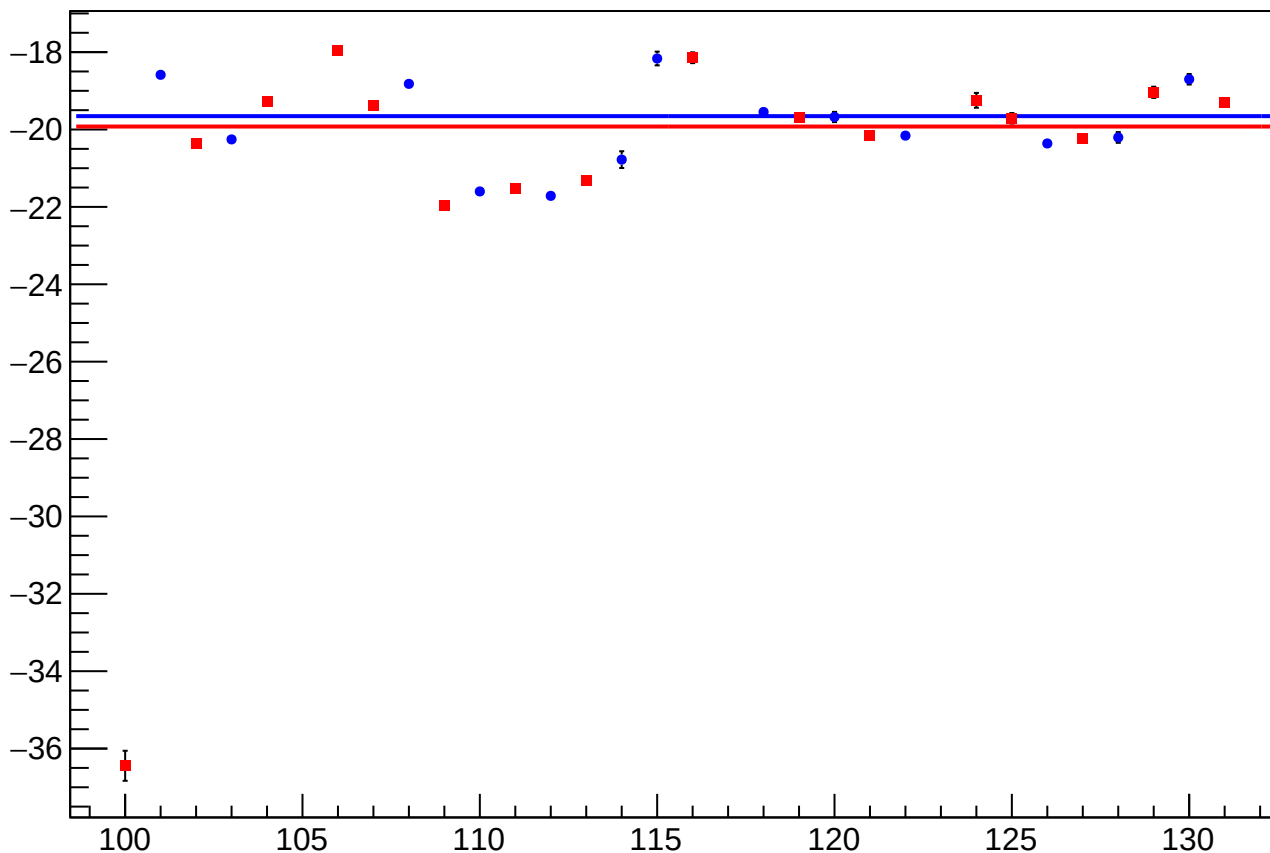
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 2.703 ± 0.300 χ^2/NDF : 450.0/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -19.654 ± 0.025 $\chi^2/\text{NDF}: 1670.2/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -19.923 ± 0.023 $\chi^2/\text{NDF}: 3853.9/15$

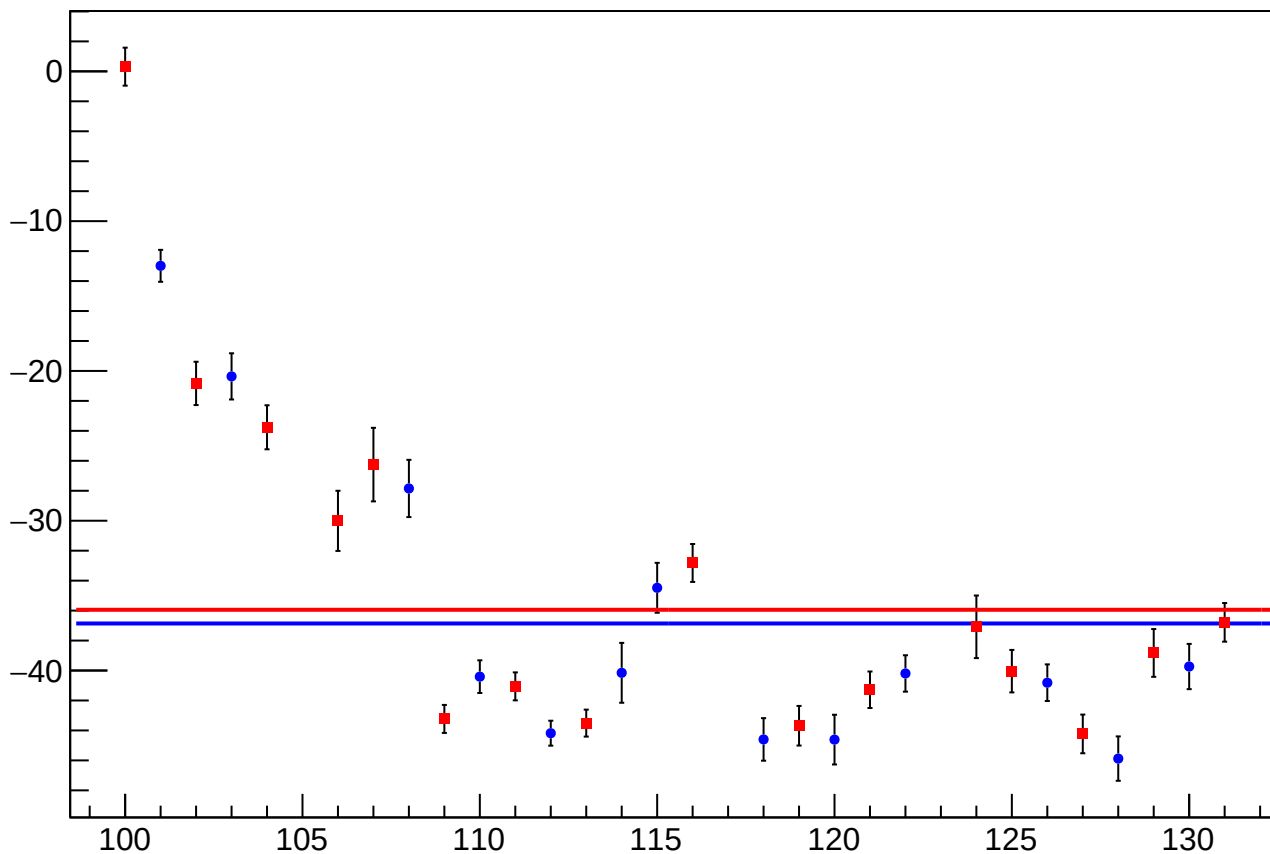
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -19.796 ± 0.017 $\chi^2/\text{NDF}: 5586.2/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_right_dd_diff_bpm1X_slope vs Slug



Right In: -36.860 ± 0.364 χ^2/NDF : 841.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.944 ± 0.321 χ^2/NDF : 1294.9/15

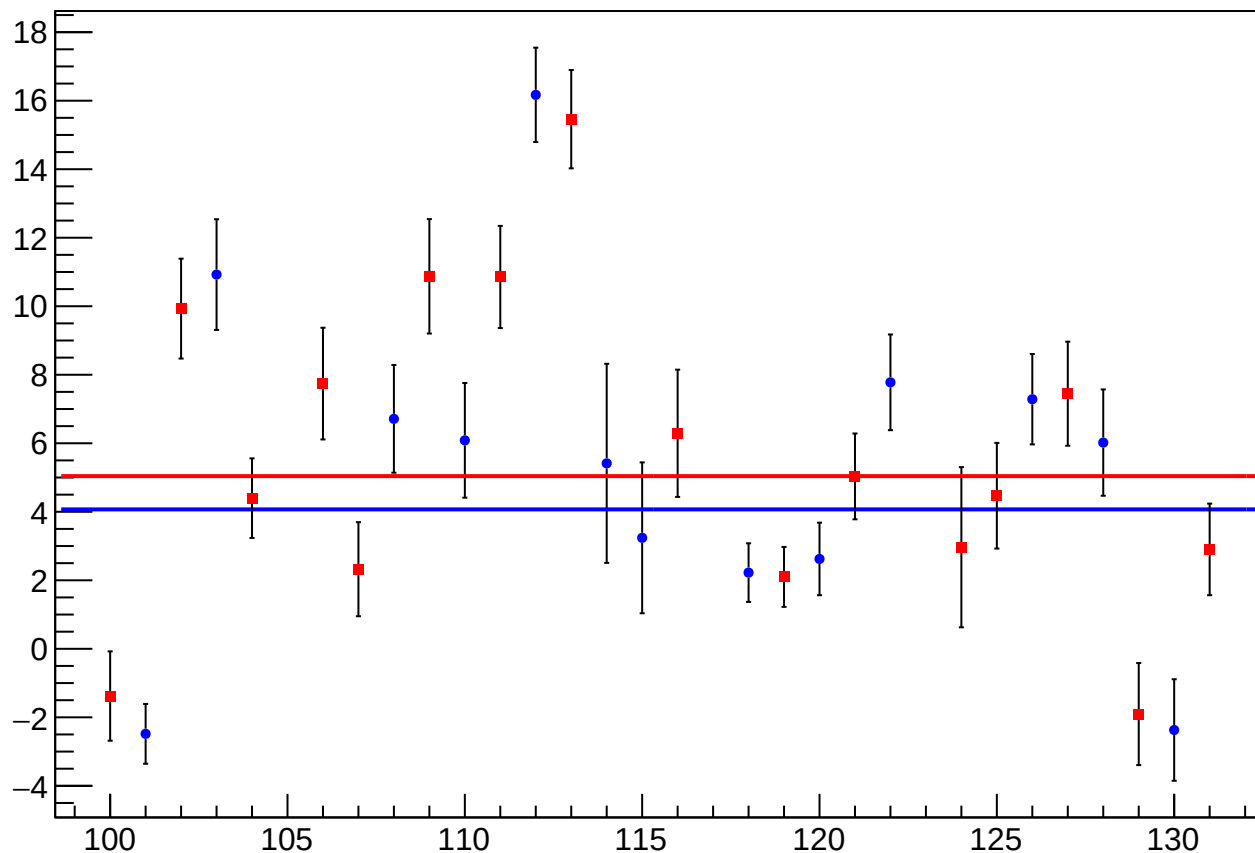
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.346 ± 0.241 χ^2/NDF : 2140.0/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 4.070 $\pm$ 0.365 χ^2 /NDF: 196.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.041 $\pm$ 0.348 χ^2 /NDF: 162.1/15

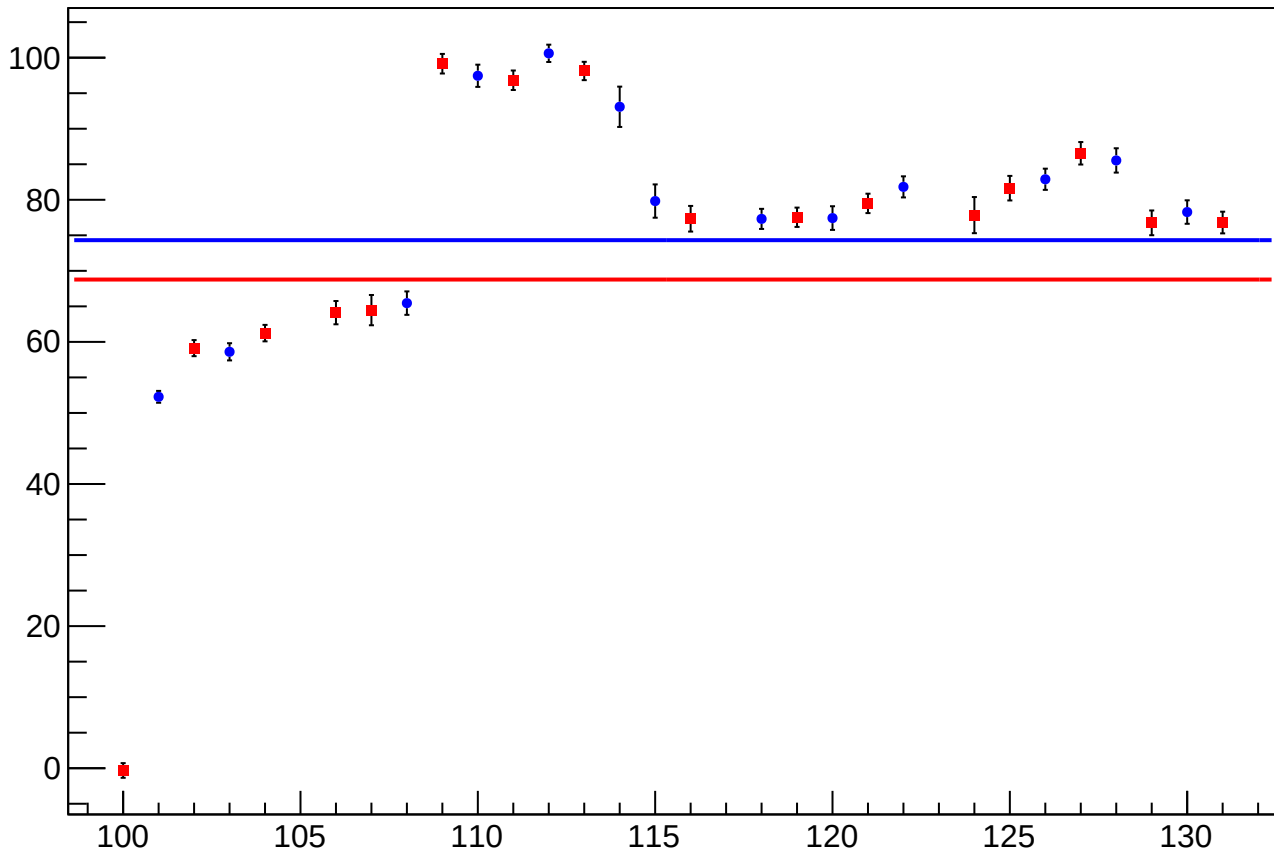
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.579 $\pm$ 0.252 χ^2 /NDF: 362.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 74.316 $\pm$ 0.397 χ^2 /NDF: 1744.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 68.775 $\pm$ 0.359 χ^2 /NDF: 6389.8/15

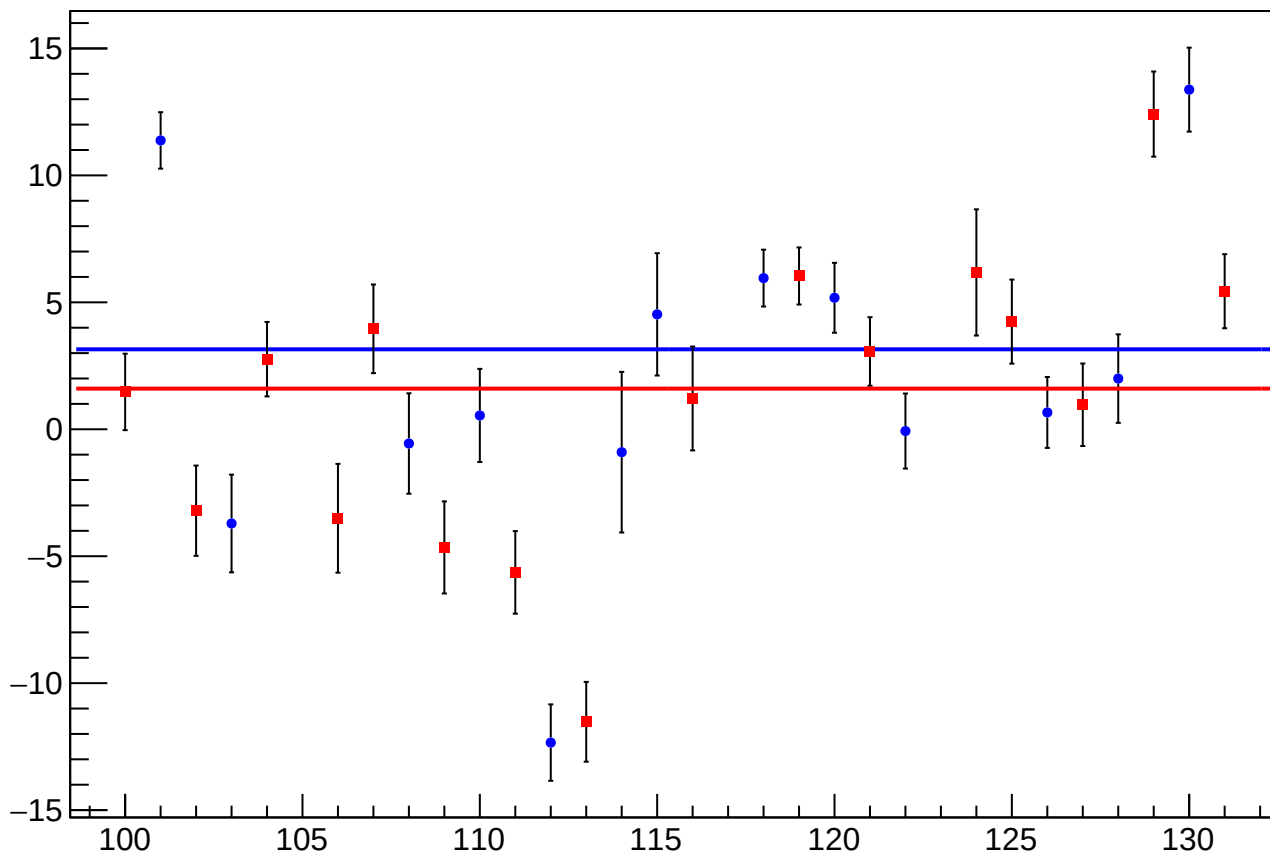
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 71.271 $\pm$ 0.266 χ^2 /NDF: 8241.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 3.149 $\pm$ 0.433 χ^2 /NDF: 236.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.601 $\pm$ 0.403 χ^2 /NDF: 188.3/15

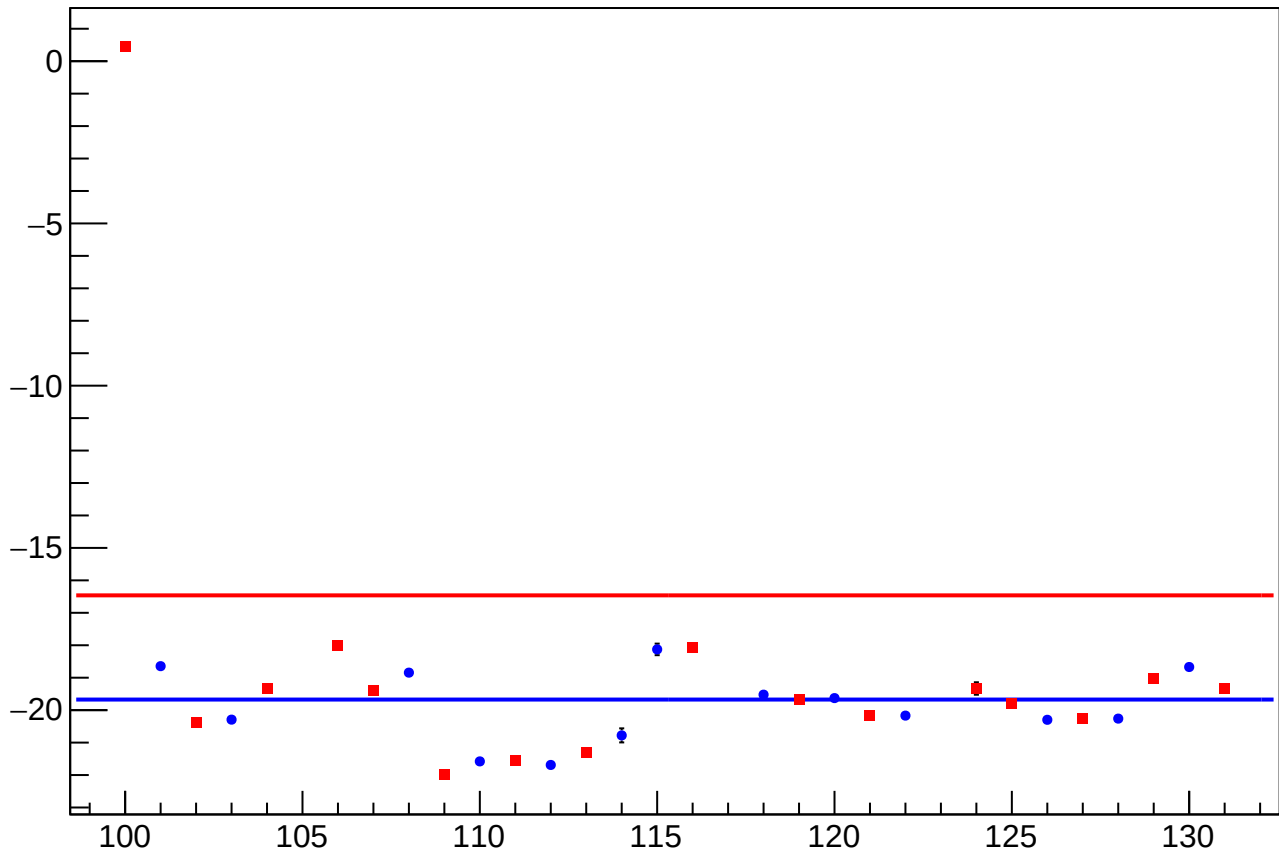
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.320 $\pm$ 0.295 χ^2 /NDF: 431.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -19.674 ± 0.025 $\chi^2/\text{NDF}: 1613.7/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -16.462 ± 0.021 $\chi^2/\text{NDF}: 127742.6/15$

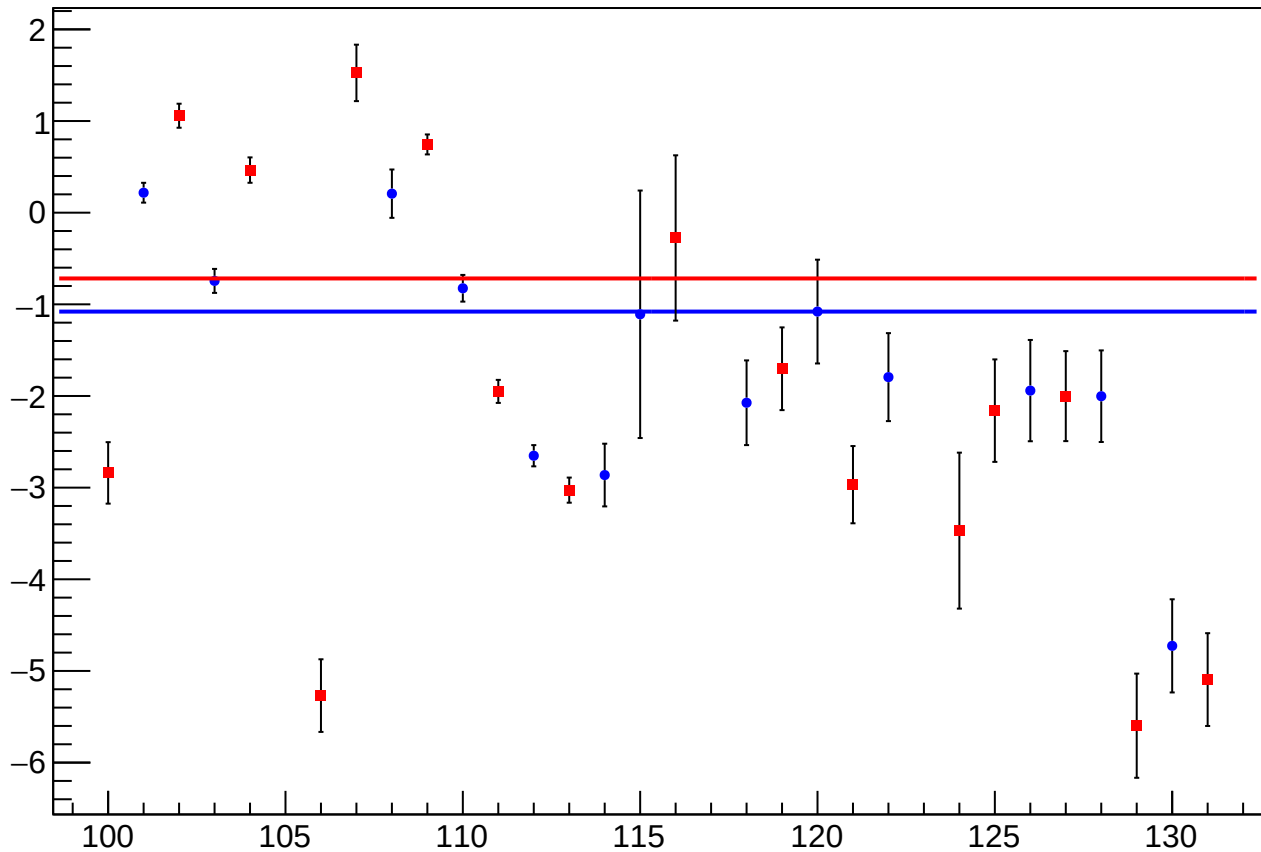
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -17.843 ± 0.016 $\chi^2/\text{NDF}: 138965.9/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: -1.079 ± 0.057 $\chi^2/\text{NDF}: 453.0/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.718 ± 0.052 $\chi^2/\text{NDF}: 1247.4/15$

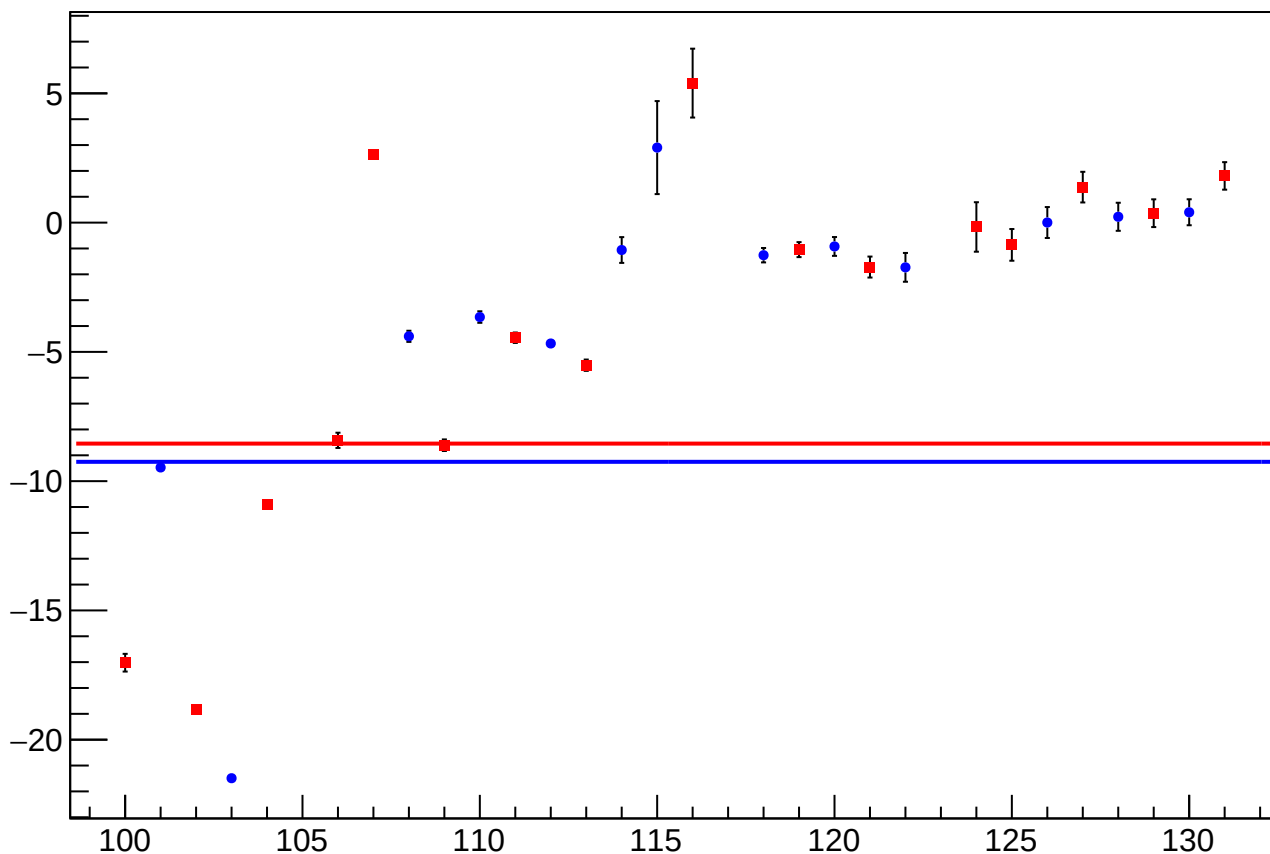
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.885 ± 0.038 $\chi^2/\text{NDF}: 1722.3/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -9.252+/-0.059 χ^2/NDF : 12247.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.547+/-0.060 χ^2/NDF : 13620.8/15

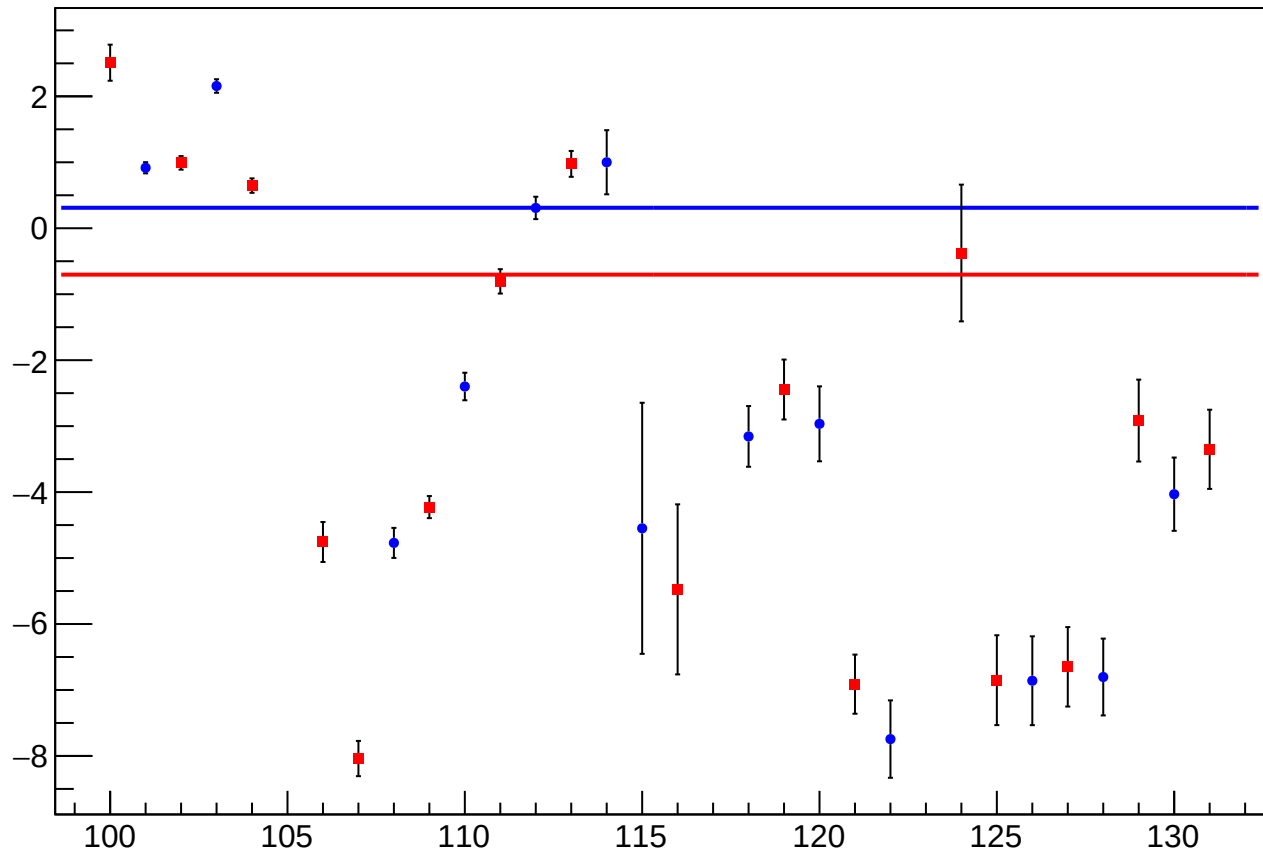
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.905+/-0.042 χ^2/NDF : 25938.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 0.311+/-0.055 χ^2/NDF : 1651.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.703+/-0.055 χ^2/NDF : 2443.3/15

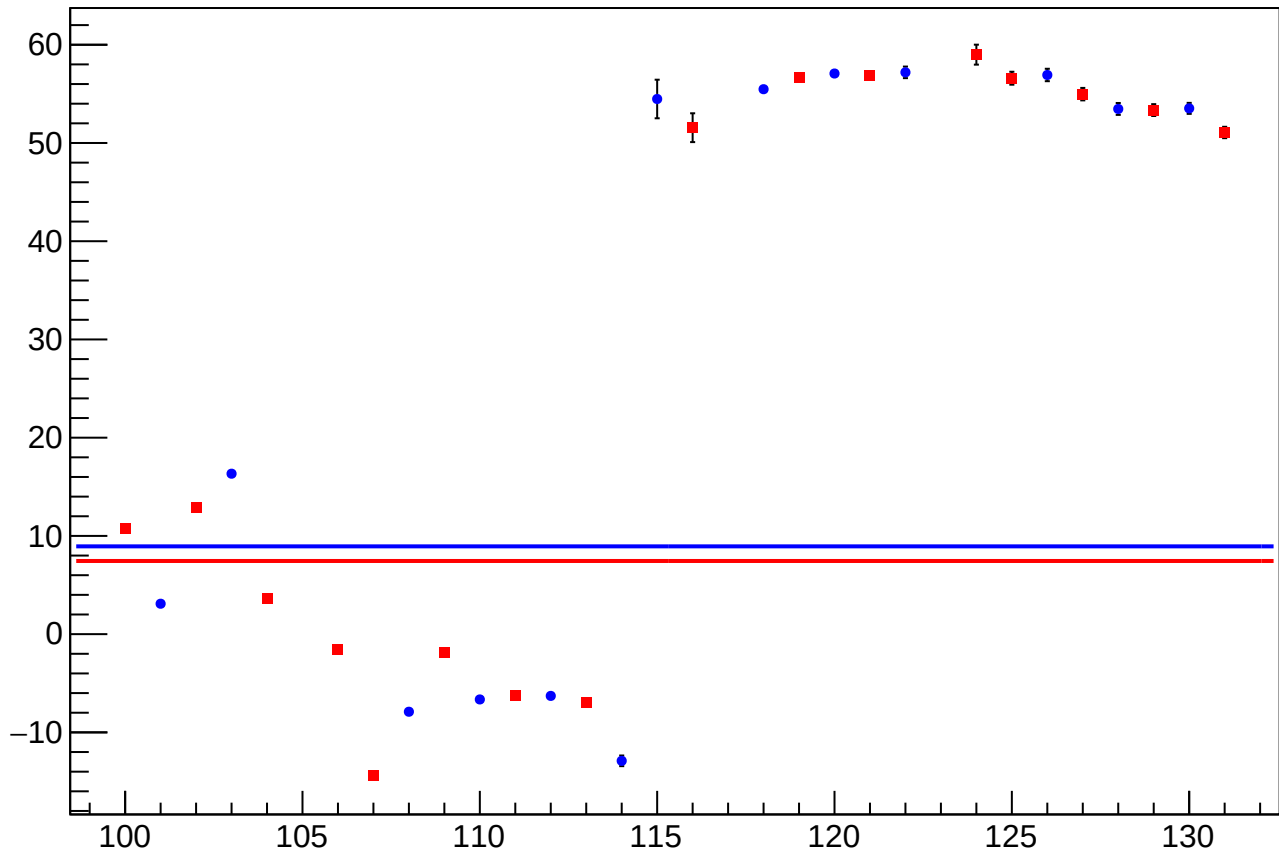
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.192+/-0.039 χ^2/NDF : 4265.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 8.937 $\pm$ 0.071 χ^2 /NDF: 71034.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.448 $\pm$ 0.071 χ^2 /NDF: 77117.7/15

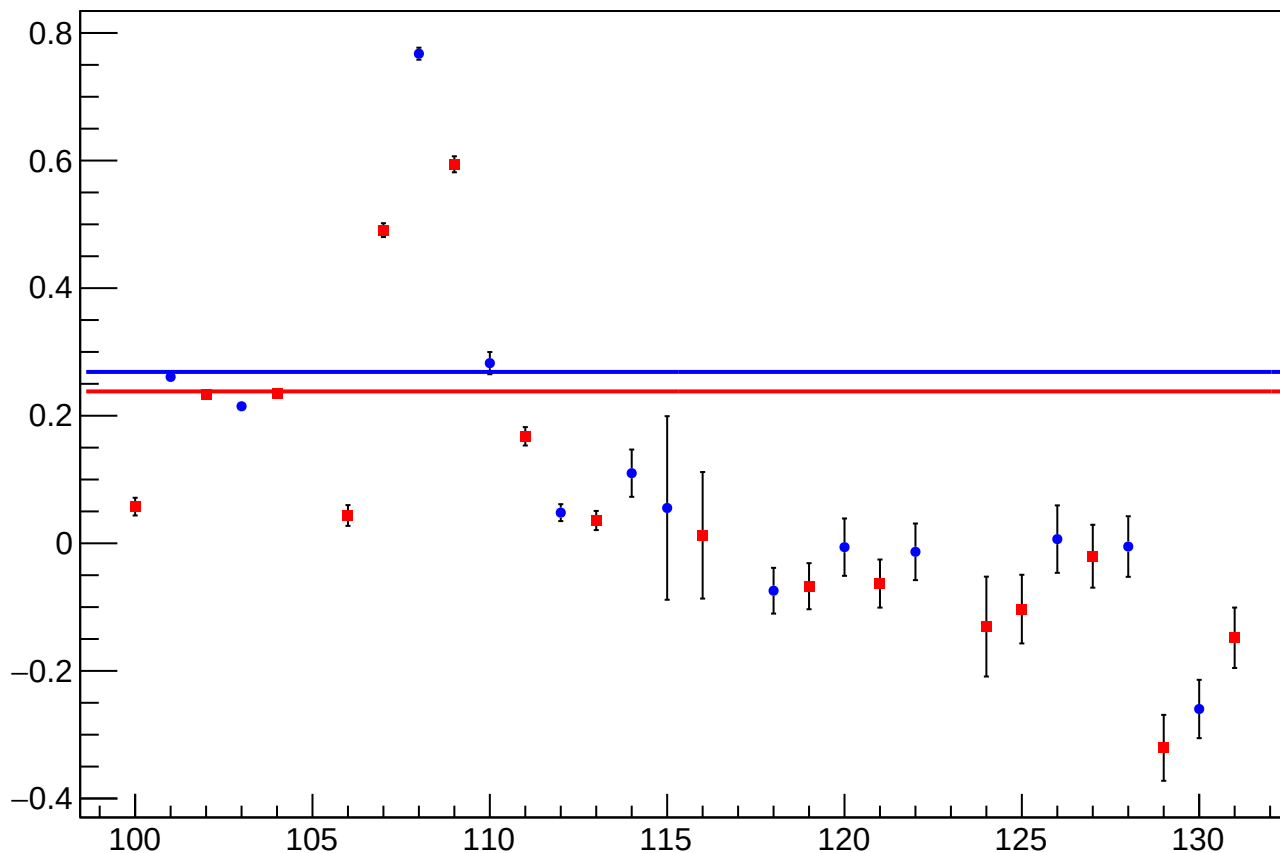
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.191 $\pm$ 0.050 χ^2 /NDF: 148370.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.269 $\pm$ 0.003 χ^2 /NDF: 3618.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.238 $\pm$ 0.003 χ^2 /NDF: 2276.2/15

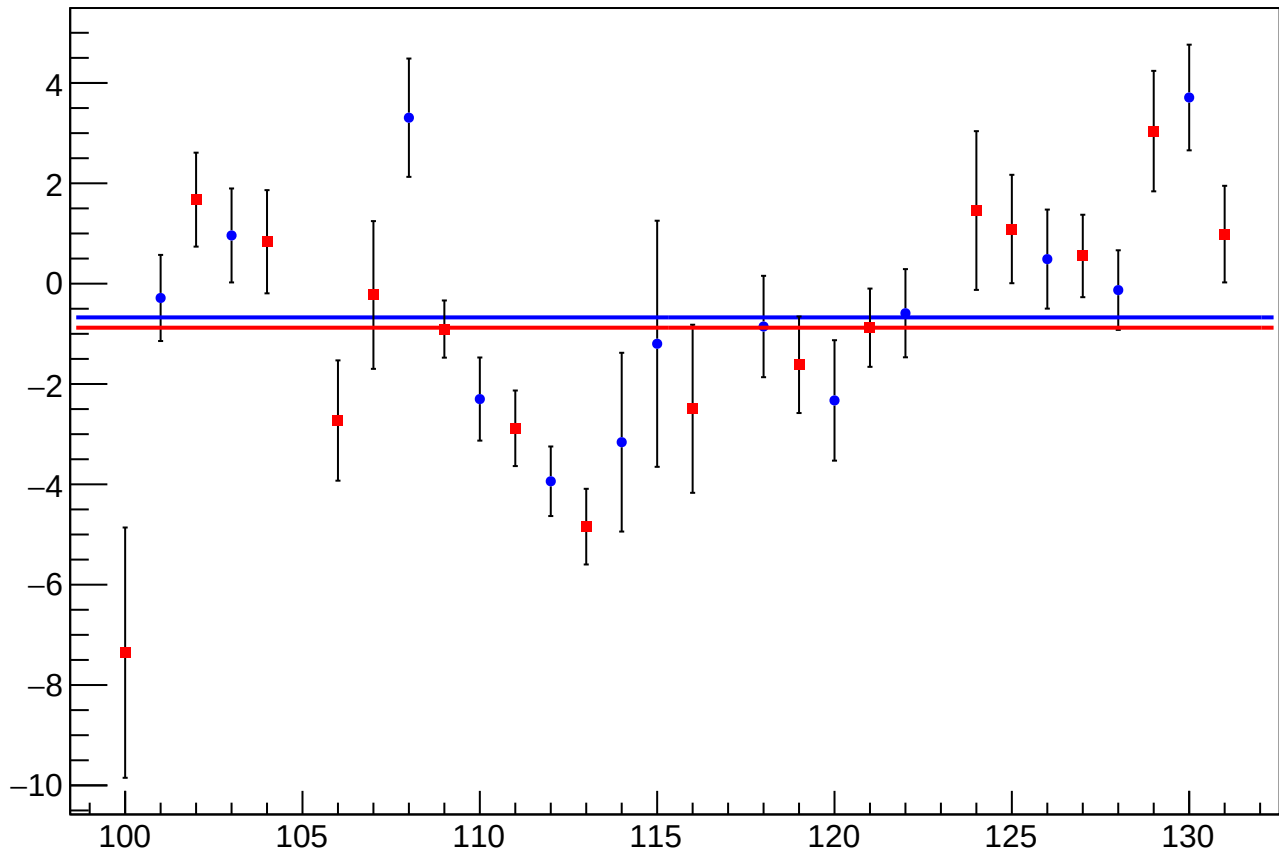
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.253 $\pm$ 0.002 χ^2 /NDF: 5951.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: -0.673 ± 0.270 χ^2/NDF : 63.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.878 ± 0.238 χ^2/NDF : 78.7/15

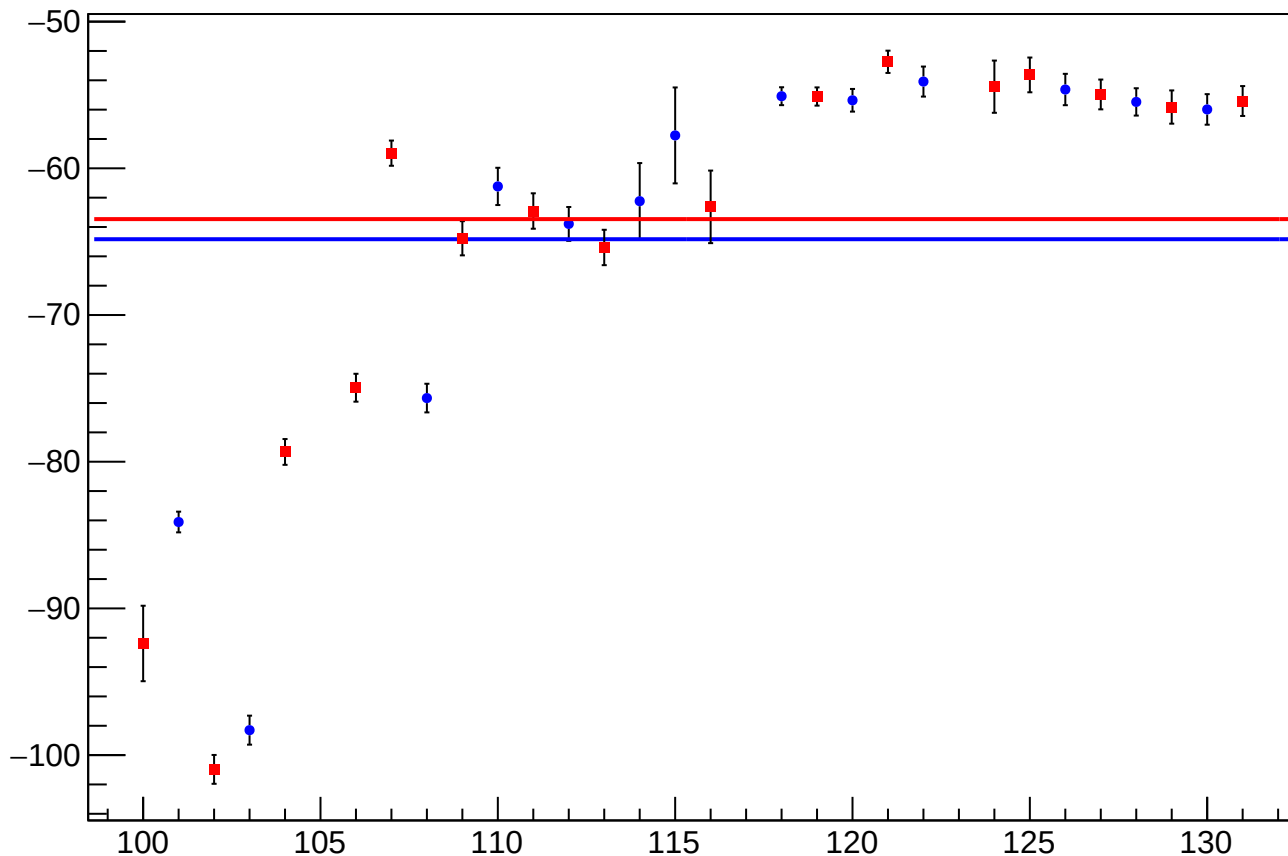
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.788 ± 0.179 χ^2/NDF : 142.9/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -64.833 ± 0.268 χ^2/NDF : 2808.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -63.462 ± 0.256 χ^2/NDF : 2739.0/15

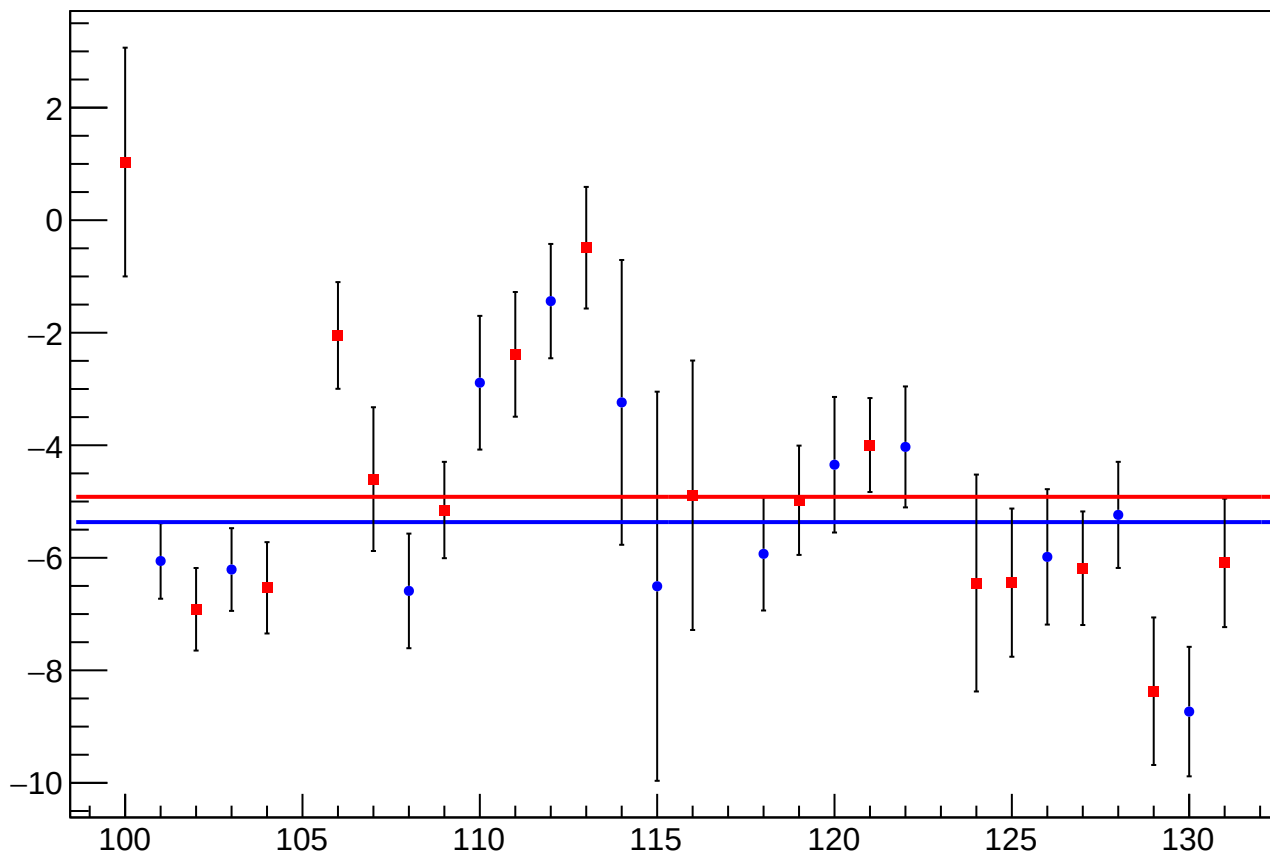
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -64.116 ± 0.185 χ^2/NDF : 5561.5/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: -5.366 ± 0.288 χ^2/NDF : 35.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.916 ± 0.265 χ^2/NDF : 64.0/15

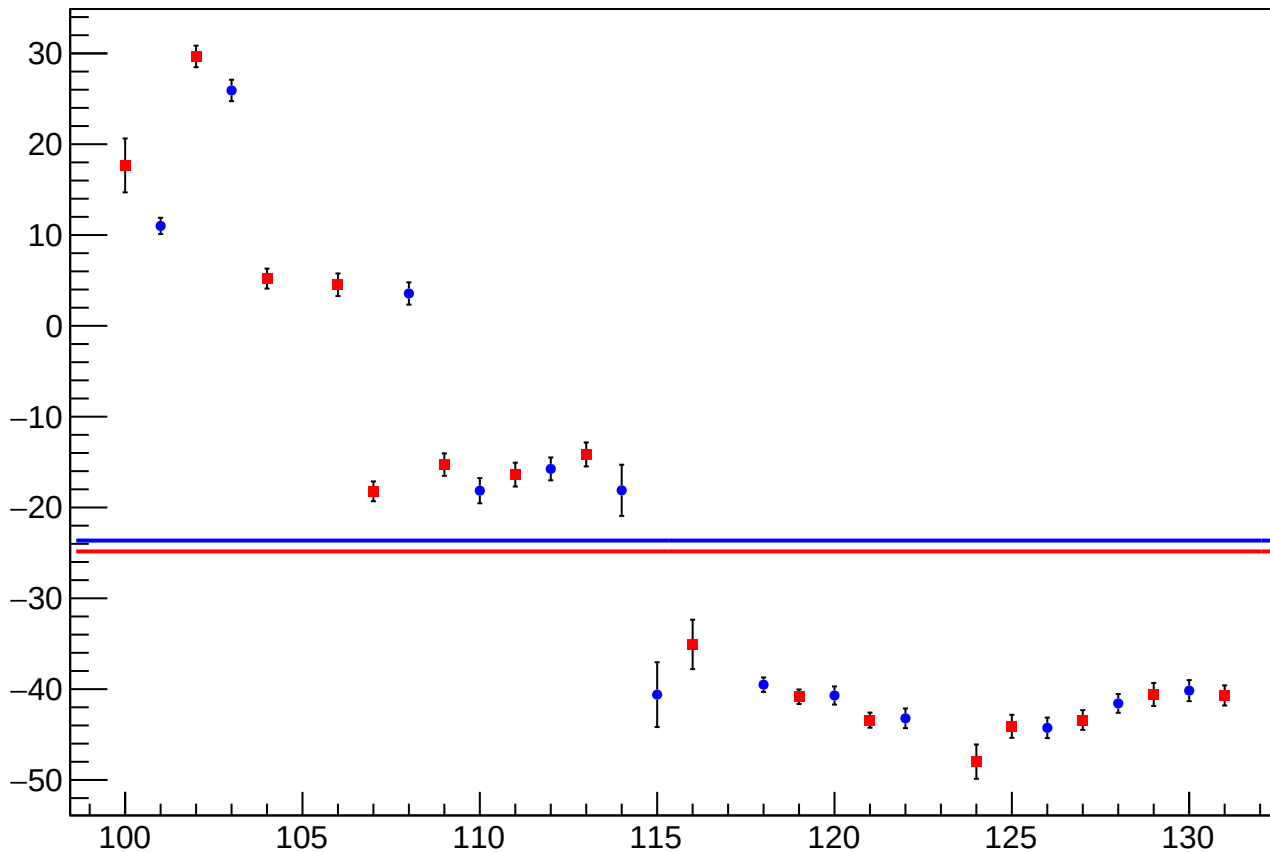
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.123 ± 0.195 χ^2/NDF : 100.7/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -23.641 ± 0.318 χ^2/NDF : 5691.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -24.839 ± 0.298 χ^2/NDF : 5768.0/15

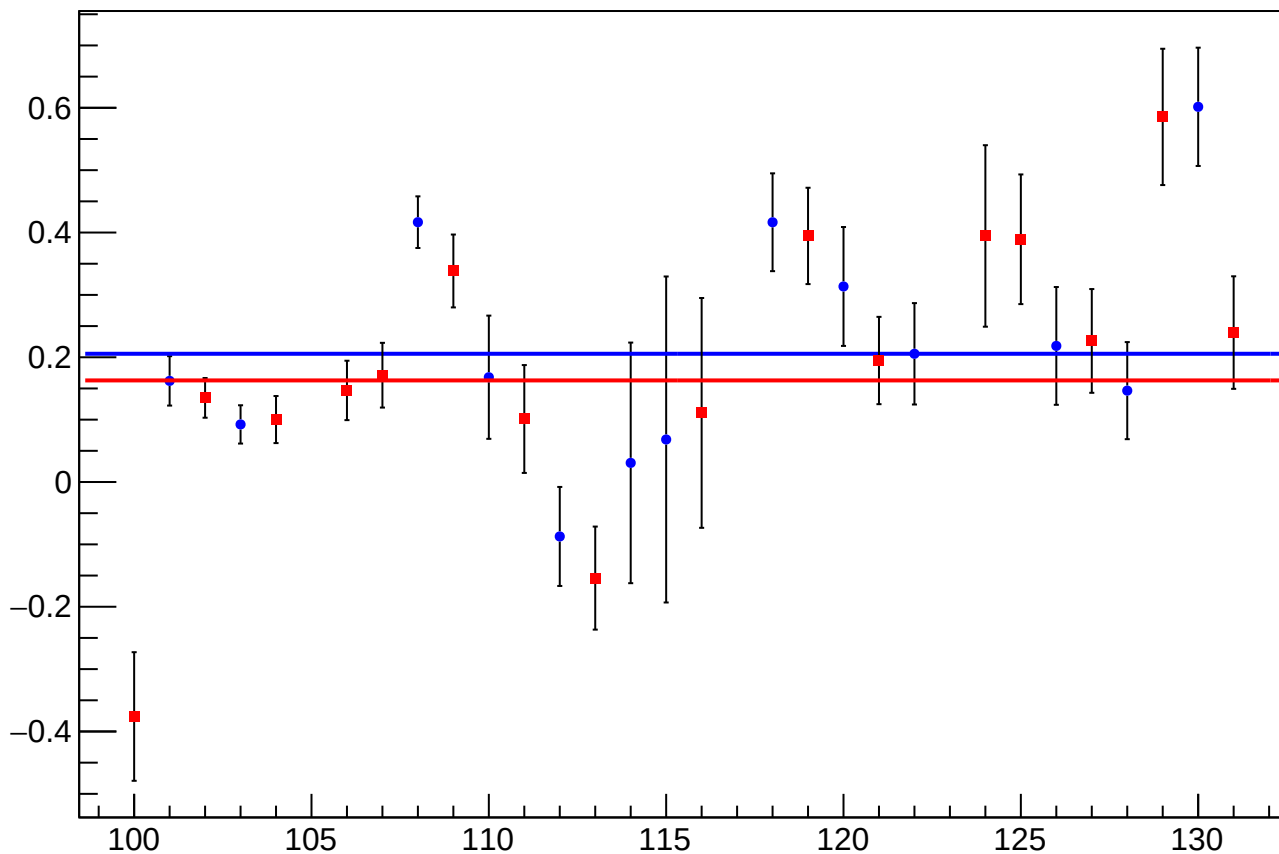
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -24.279 ± 0.217 χ^2/NDF : 11467.2/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.206 $\pm$ 0.017 χ^2 /NDF: 82.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.163 $\pm$ 0.016 χ^2 /NDF: 88.1/15

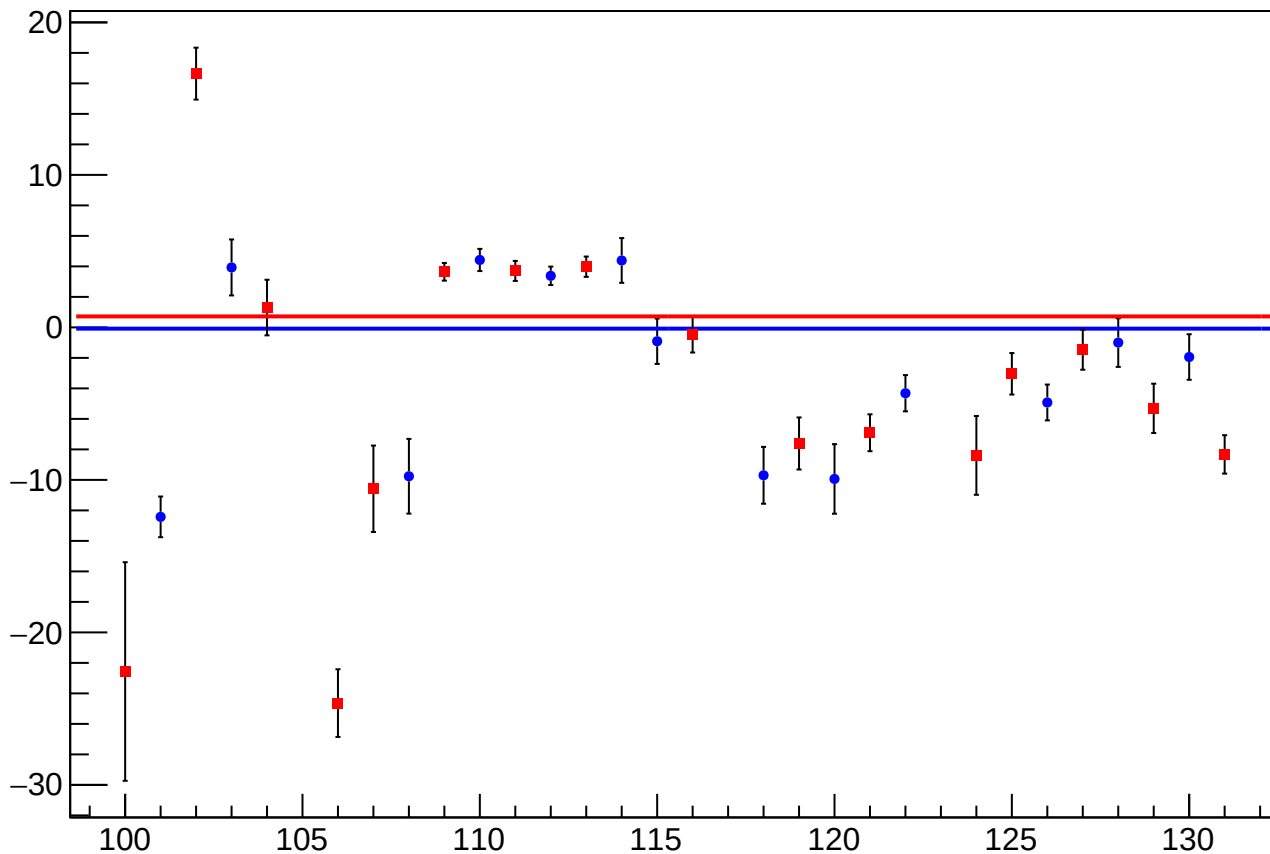
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.182 $\pm$ 0.012 χ^2 /NDF: 173.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: -0.081 ± 0.327 χ^2/NDF : 263.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.720 ± 0.282 χ^2/NDF : 467.6/15

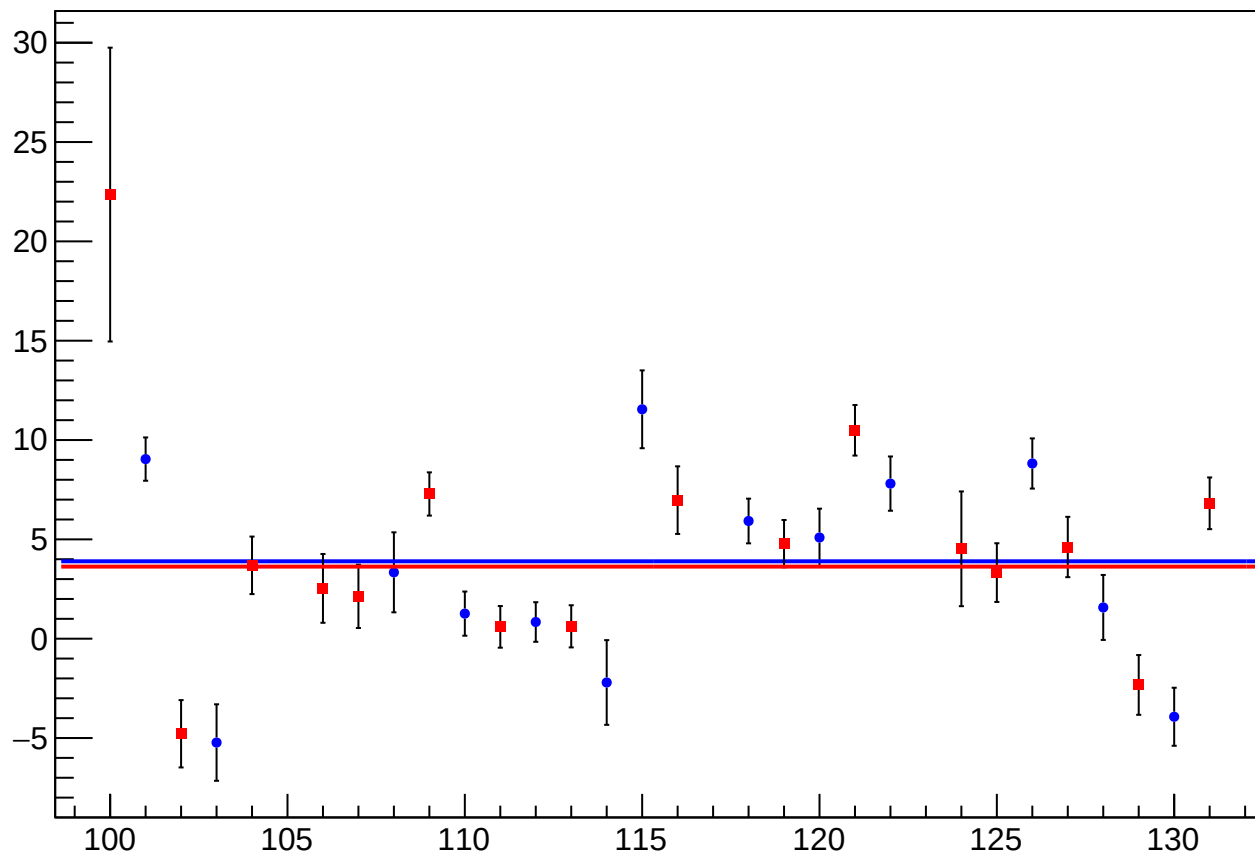
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.379 ± 0.214 χ^2/NDF : 735.0/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.896+/-0.380 χ^2/NDF : 141.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.629+/-0.355 χ^2/NDF : 116.2/15

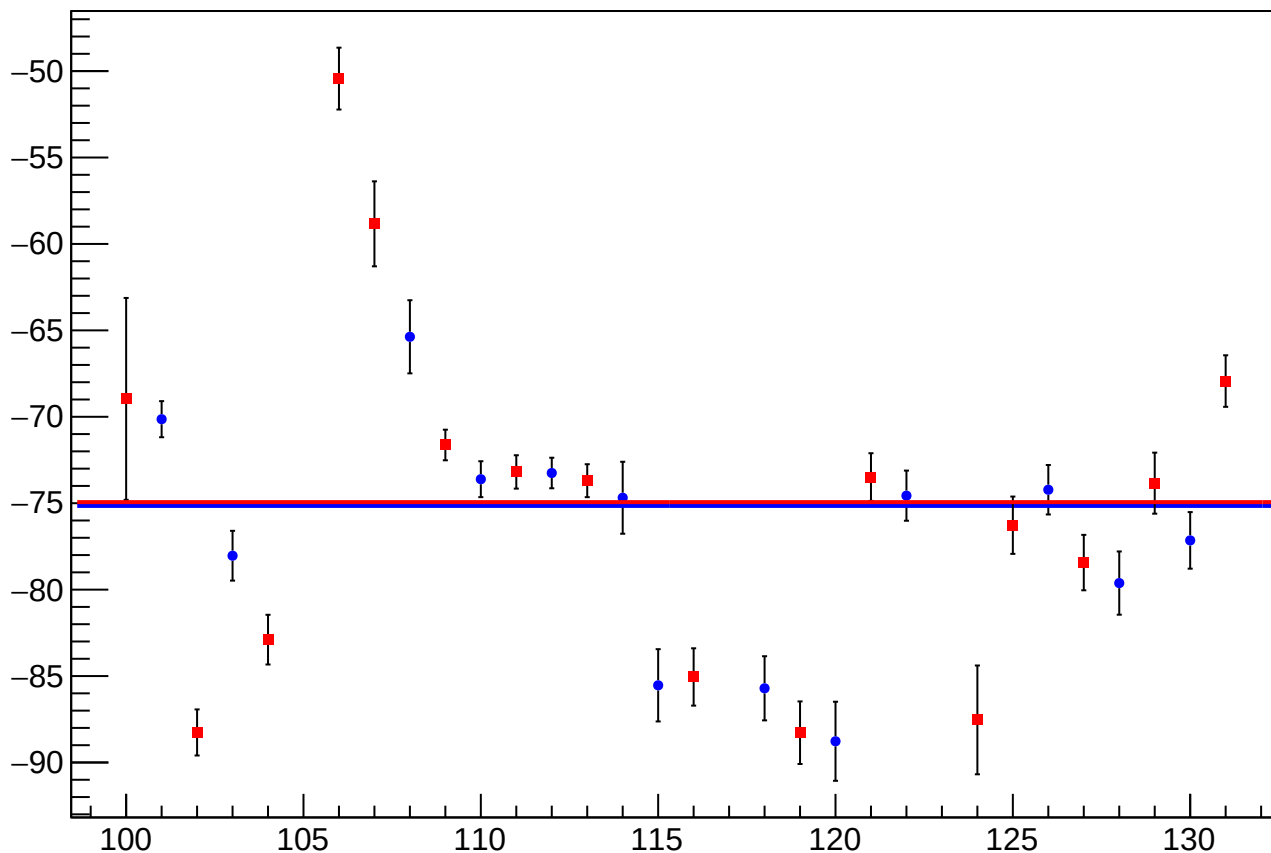
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.753+/-0.259 χ^2/NDF : 257.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -75.156 ± 0.395 χ^2/NDF : 155.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -74.937 ± 0.358 χ^2/NDF : 517.3/15

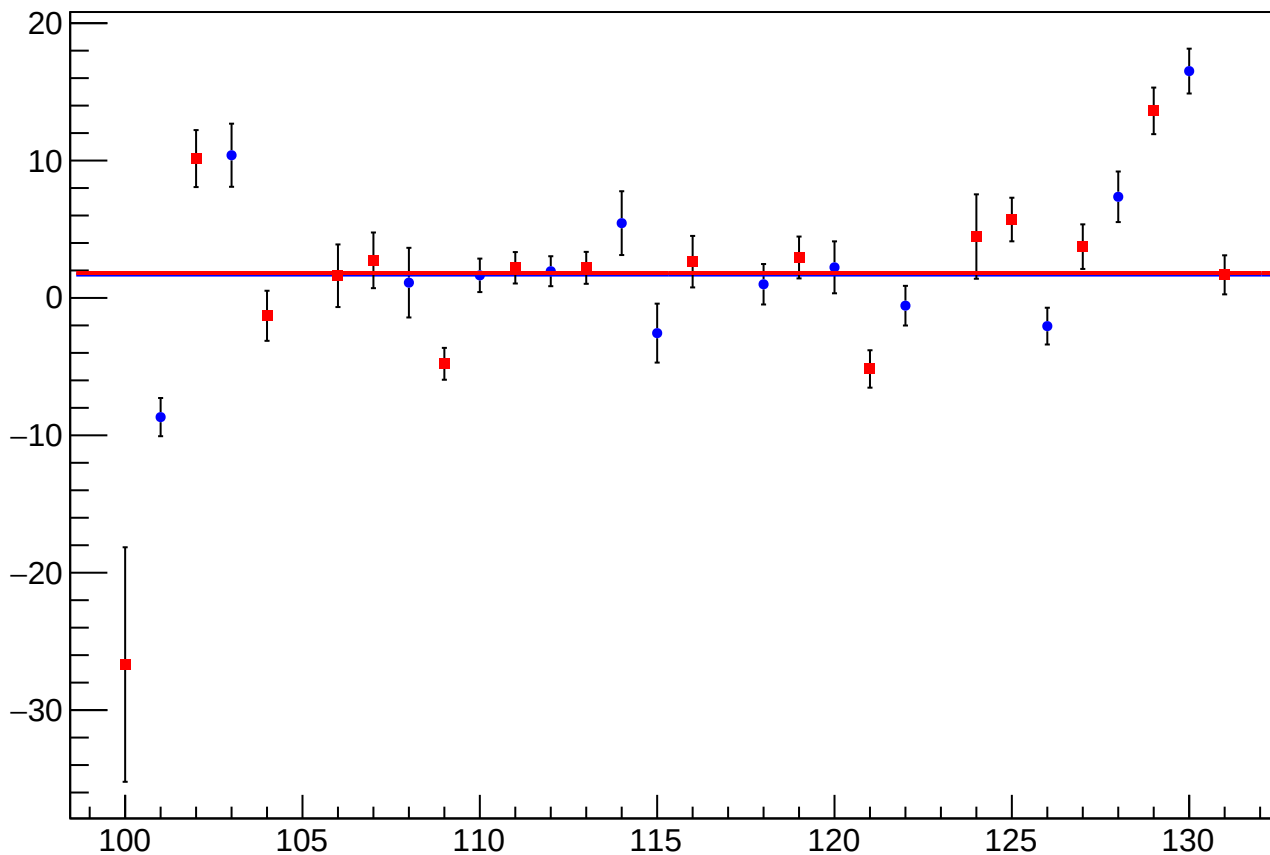
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -75.035 ± 0.265 χ^2/NDF : 673.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 1.701 $\pm$ 0.437 χ^2 /NDF: 179.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.815 $\pm$ 0.401 χ^2 /NDF: 146.8/15

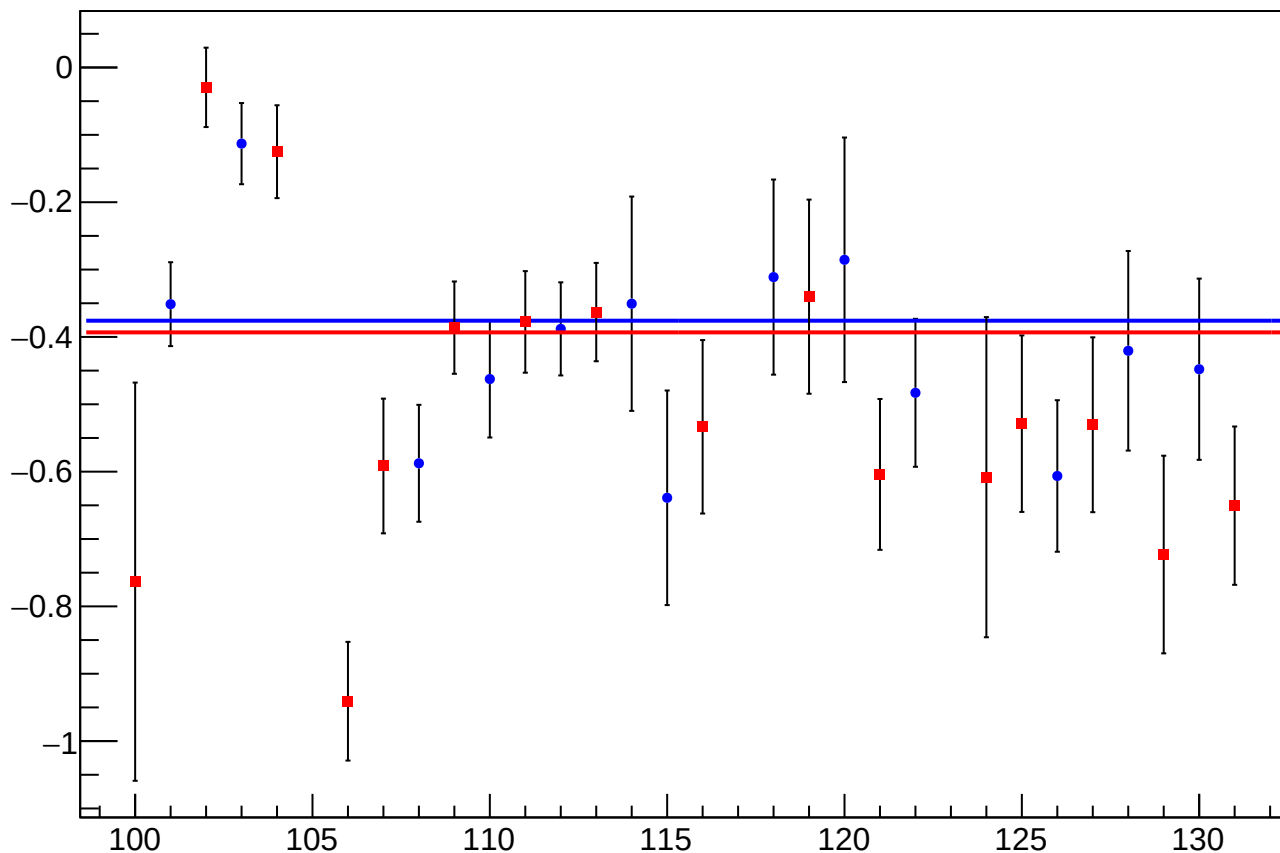
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.763 $\pm$ 0.296 χ^2 /NDF: 325.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.376 ± 0.026 χ^2/NDF : 34.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.393 ± 0.024 χ^2/NDF : 115.3/15

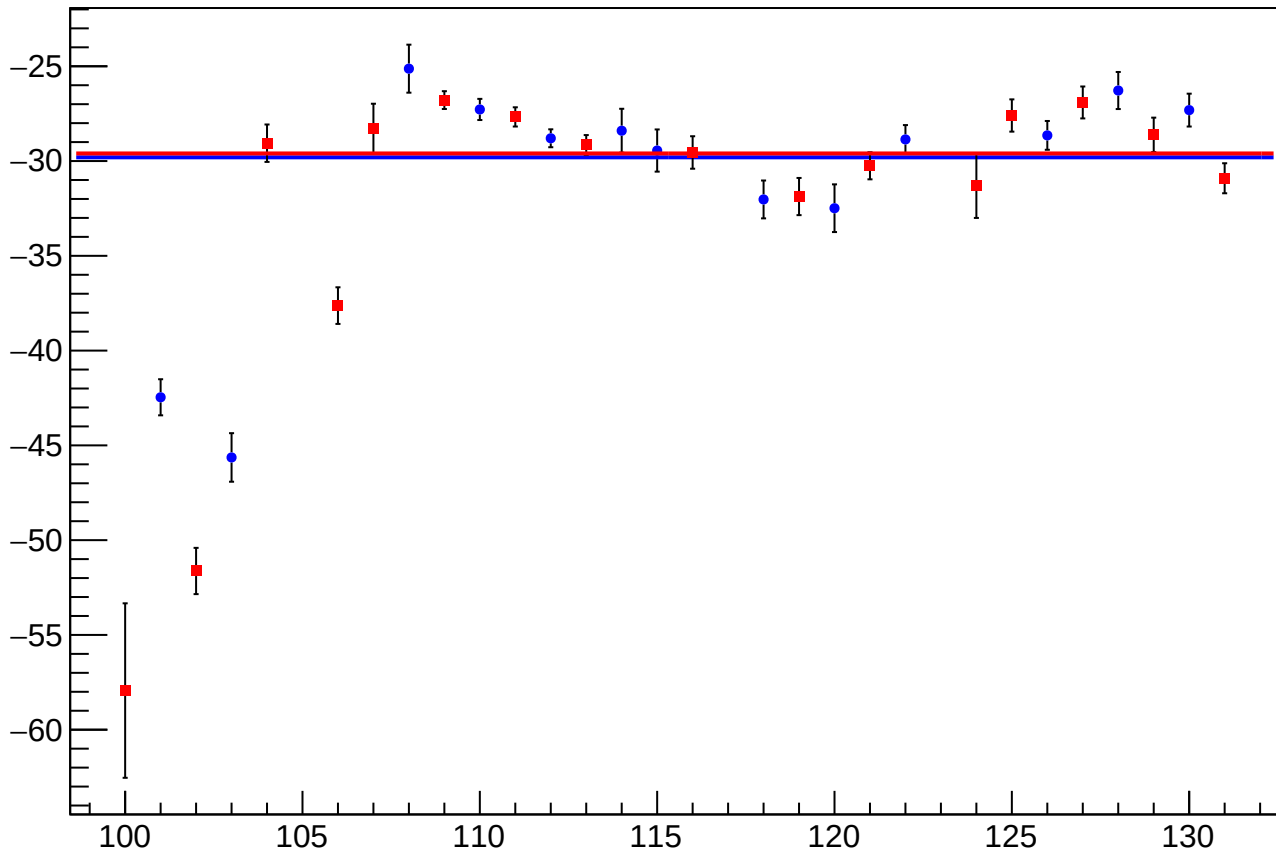
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.385 ± 0.018 χ^2/NDF : 150.4/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: -29.804 ± 0.229 χ^2/NDF : 404.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -29.599 ± 0.197 χ^2/NDF : 512.1/15

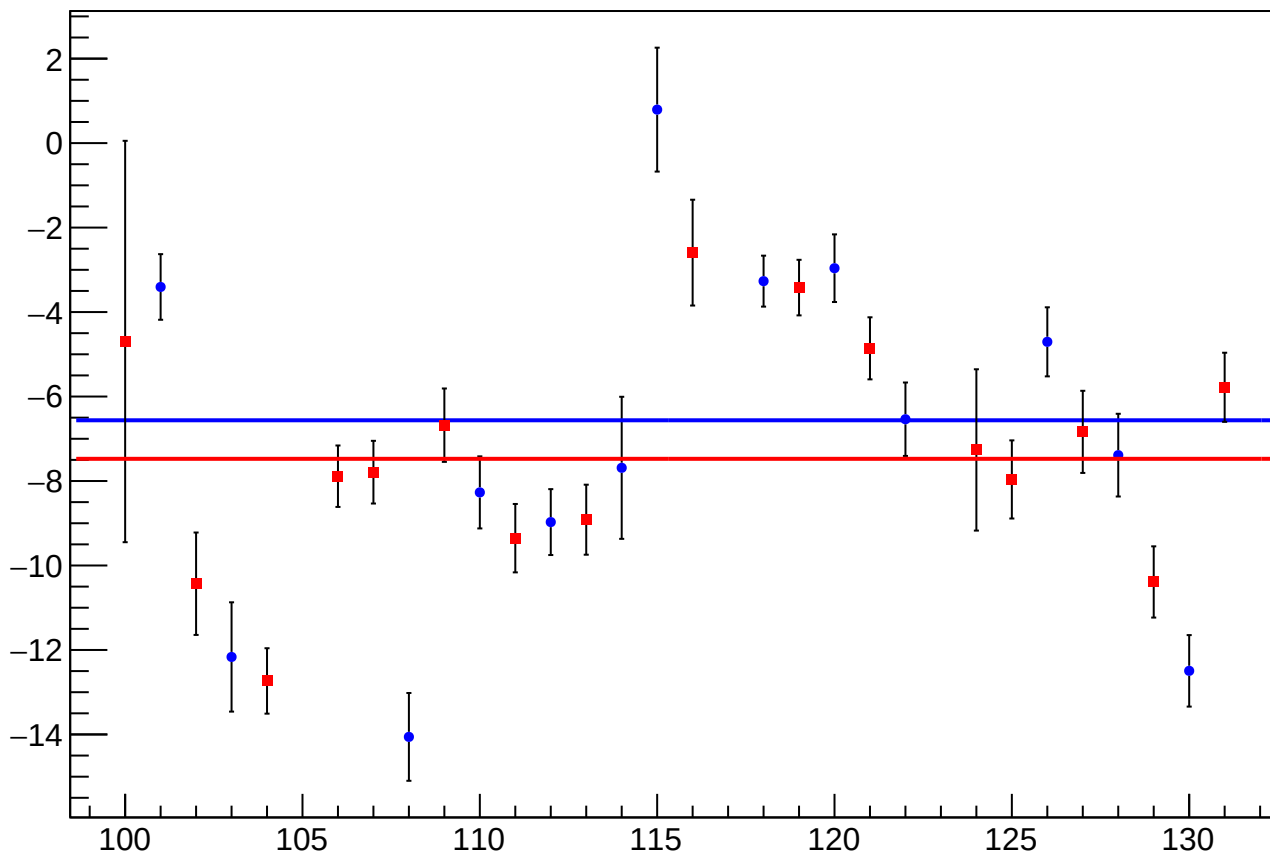
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -29.686 ± 0.149 χ^2/NDF : 917.0/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -6.562 ± 0.246 χ^2/NDF : 231.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.475 ± 0.220 χ^2/NDF : 144.9/15

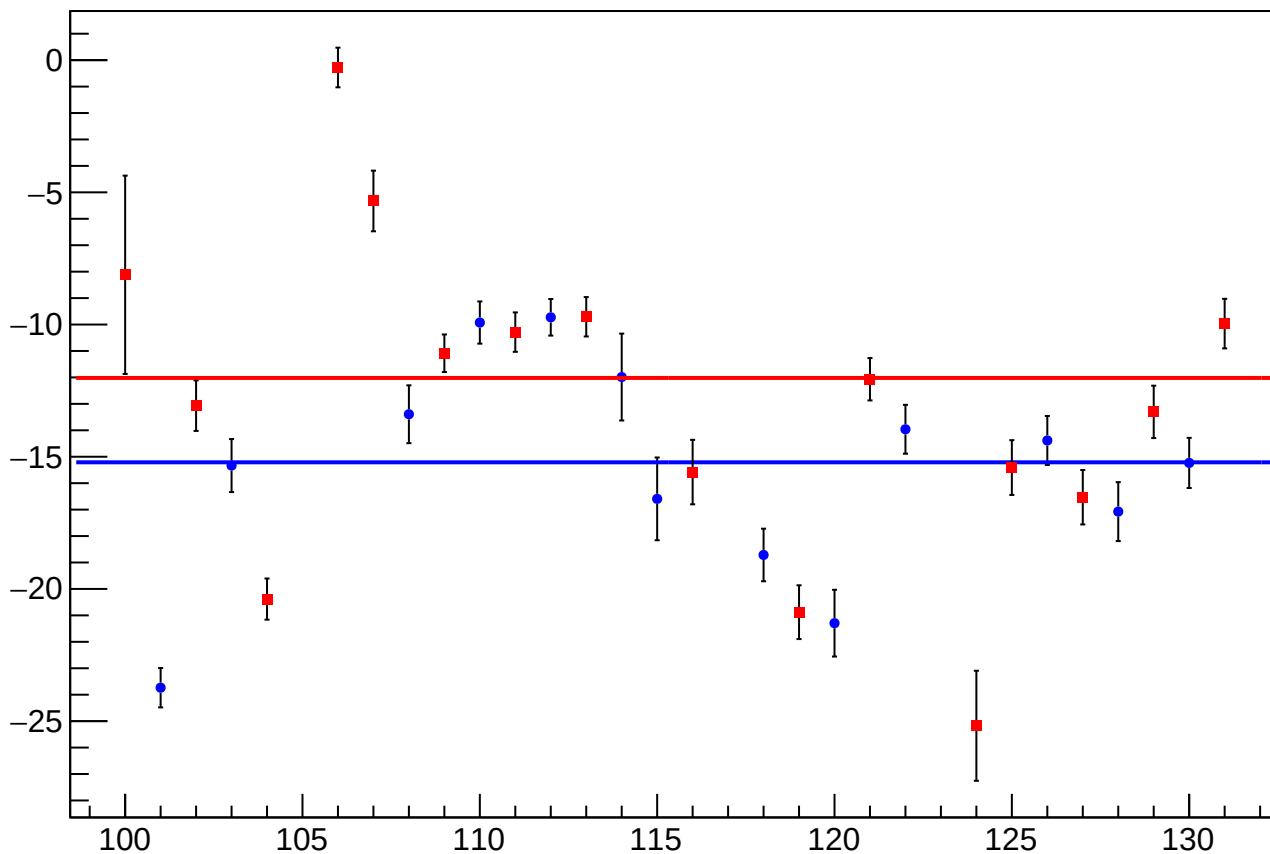
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.068 ± 0.164 χ^2/NDF : 384.0/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: -15.211 ± 0.268 χ^2/NDF : 286.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -12.019 ± 0.233 χ^2/NDF : 574.5/15

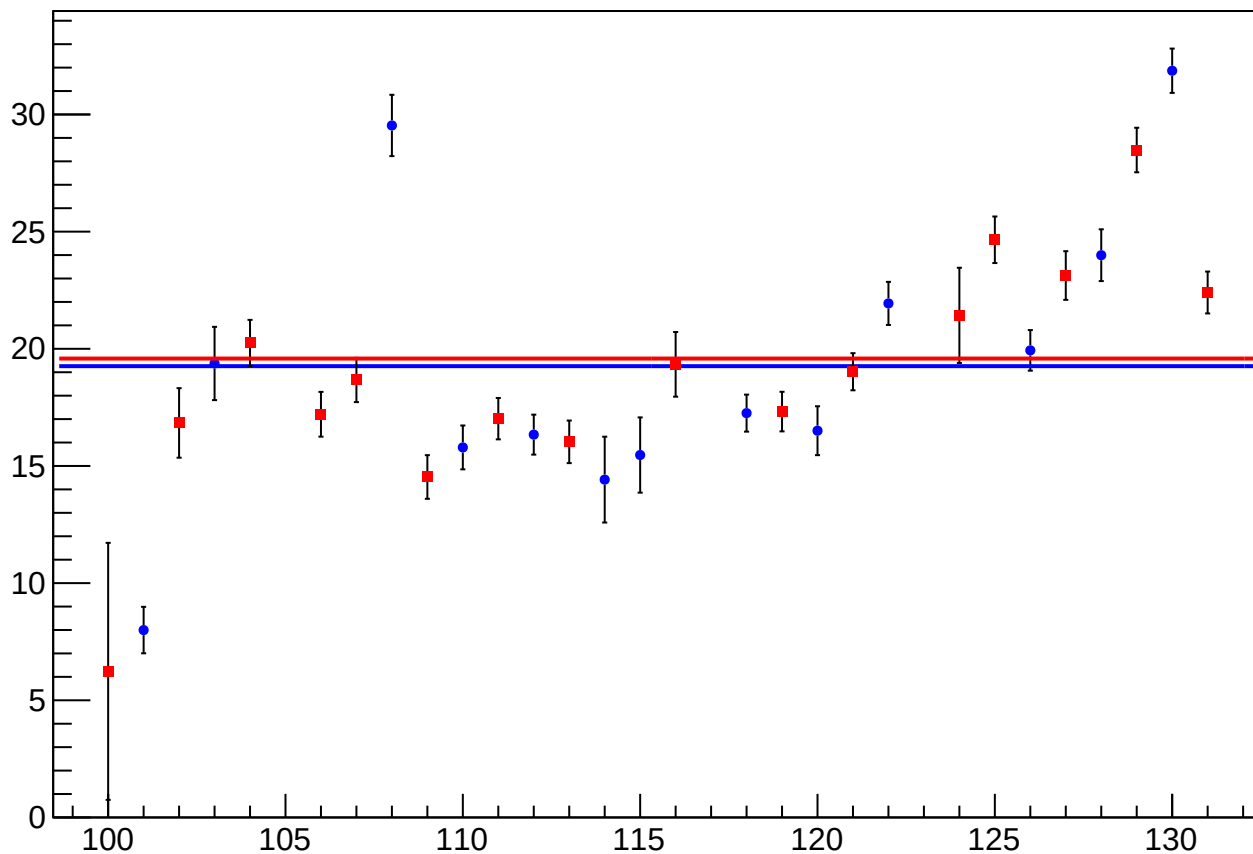
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.397 ± 0.176 χ^2/NDF : 941.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 19.259+/-0.286 χ^2/NDF : 447.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.584+/-0.254 χ^2/NDF : 214.0/15

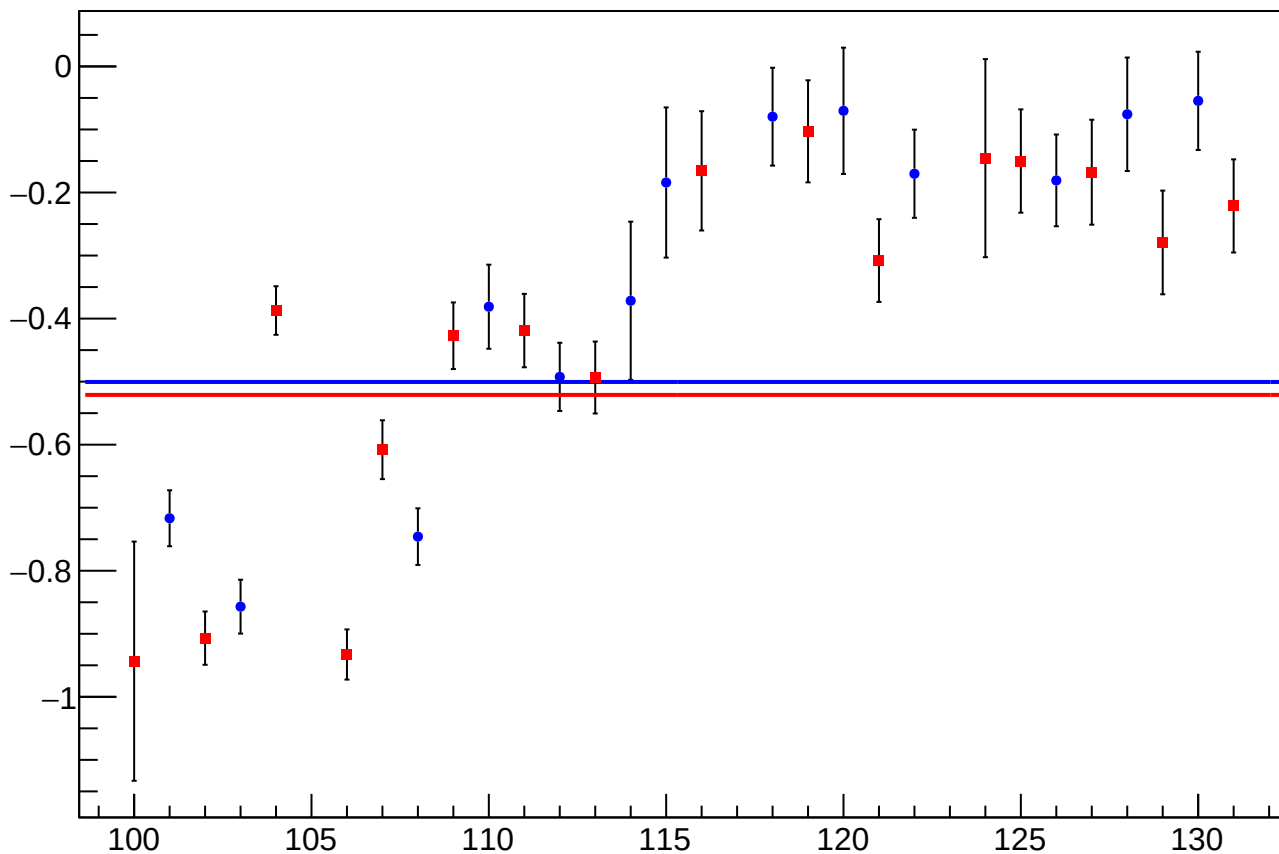
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.441+/-0.190 χ^2/NDF : 662.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.501 $\pm$ 0.018 χ^2 /NDF: 278.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.521 $\pm$ 0.015 χ^2 /NDF: 338.0/15

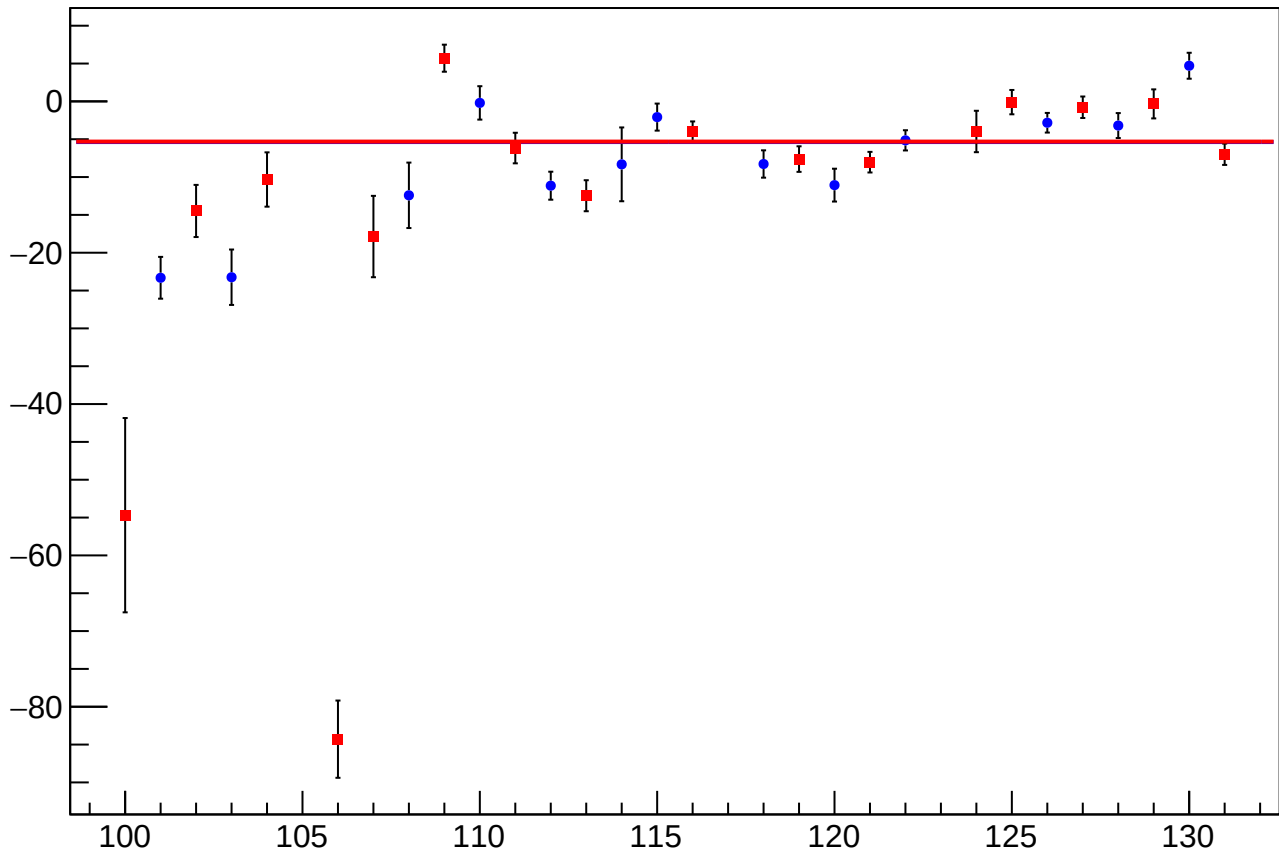
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.512 $\pm$ 0.011 χ^2 /NDF: 617.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: -5.375 ± 0.535 $\chi^2/\text{NDF}: 137.3/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -5.314 ± 0.485 $\chi^2/\text{NDF}: 354.9/15$

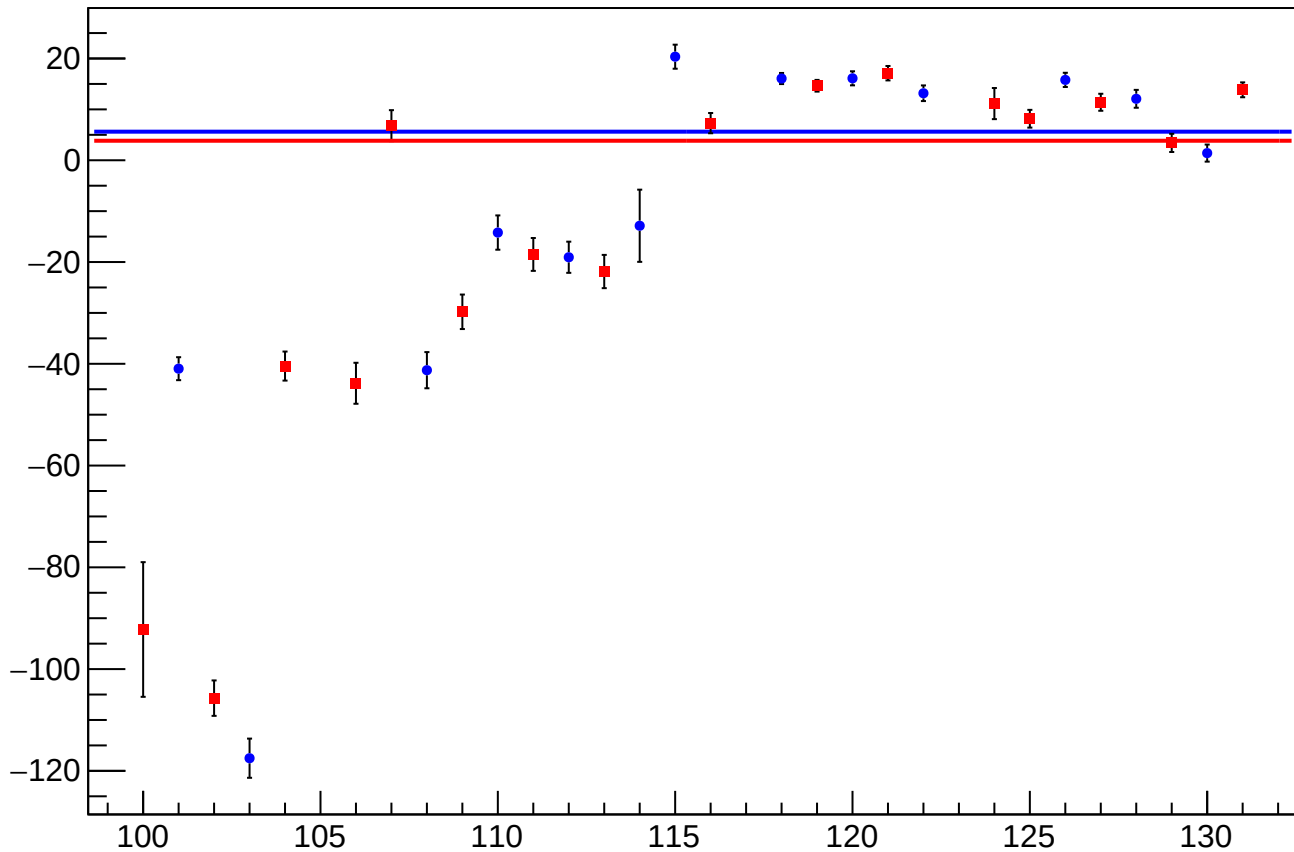
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -5.342 ± 0.359 $\chi^2/\text{NDF}: 492.2/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 5.620+/-0.519 χ^2/NDF : 2013.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.836+/-0.517 χ^2/NDF : 1891.1/15

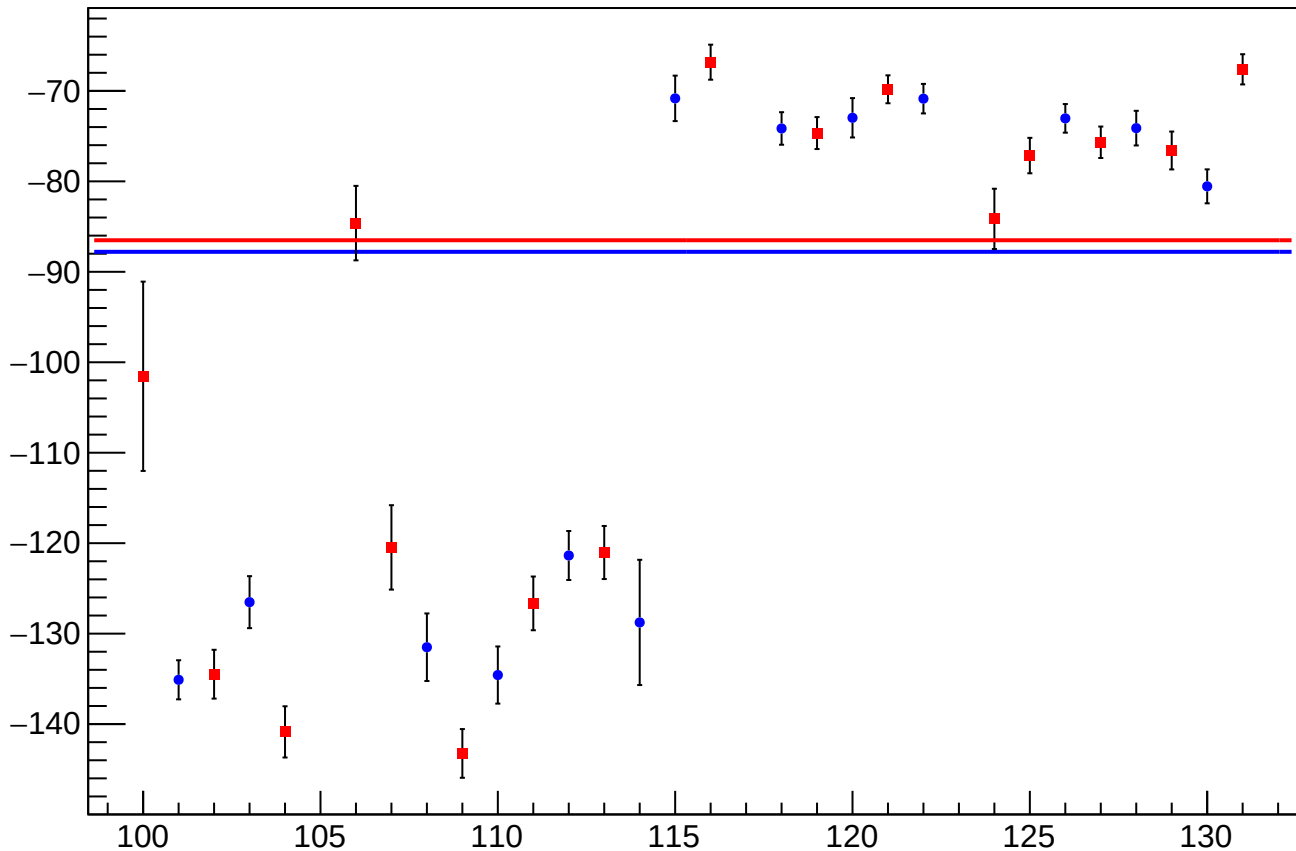
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.725+/-0.366 χ^2/NDF : 3910.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -87.789 ± 0.612 χ^2/NDF : 1615.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -86.512 ± 0.576 χ^2/NDF : 1982.5/15

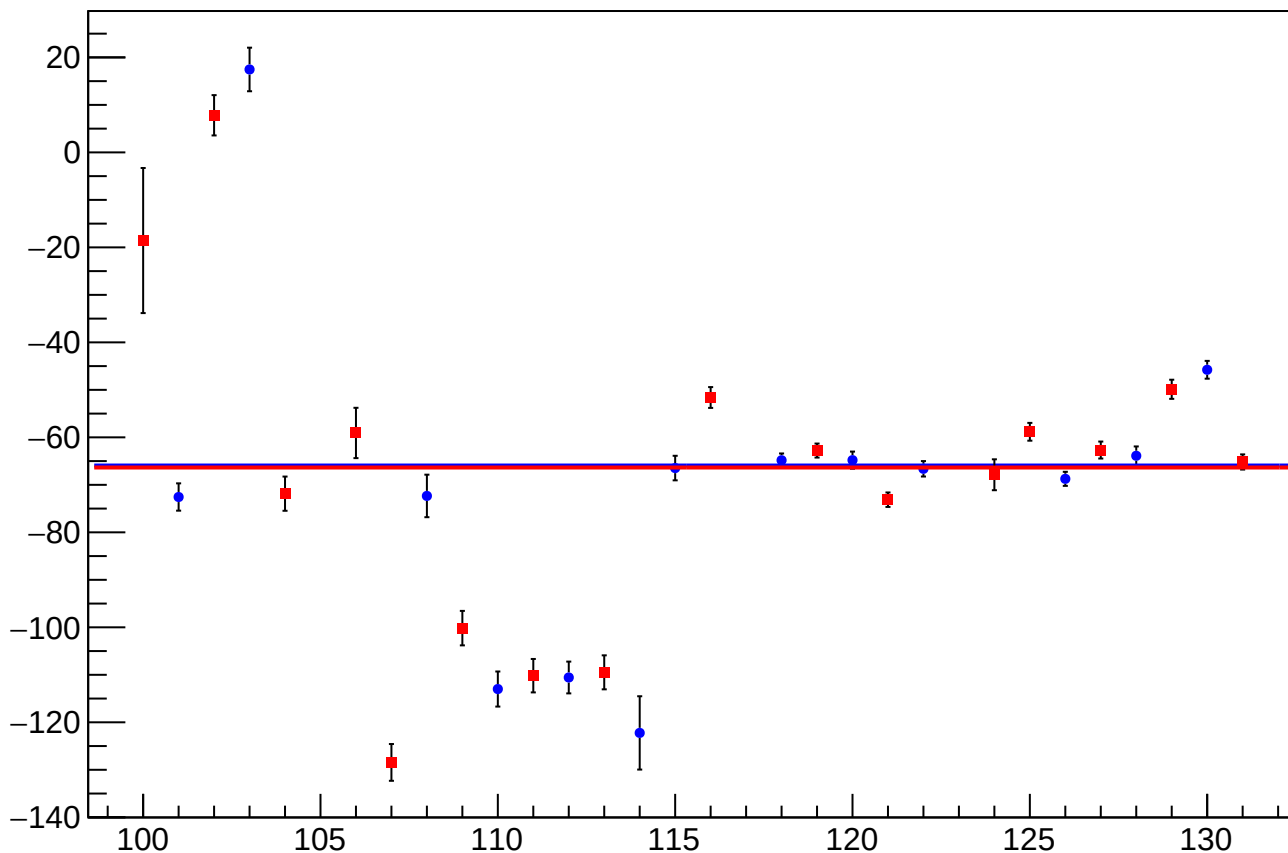
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -87.112 ± 0.419 χ^2/NDF : 3600.1/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -65.934 ± 0.606 χ^2/NDF : 852.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -66.352 ± 0.587 χ^2/NDF : 1122.7/15

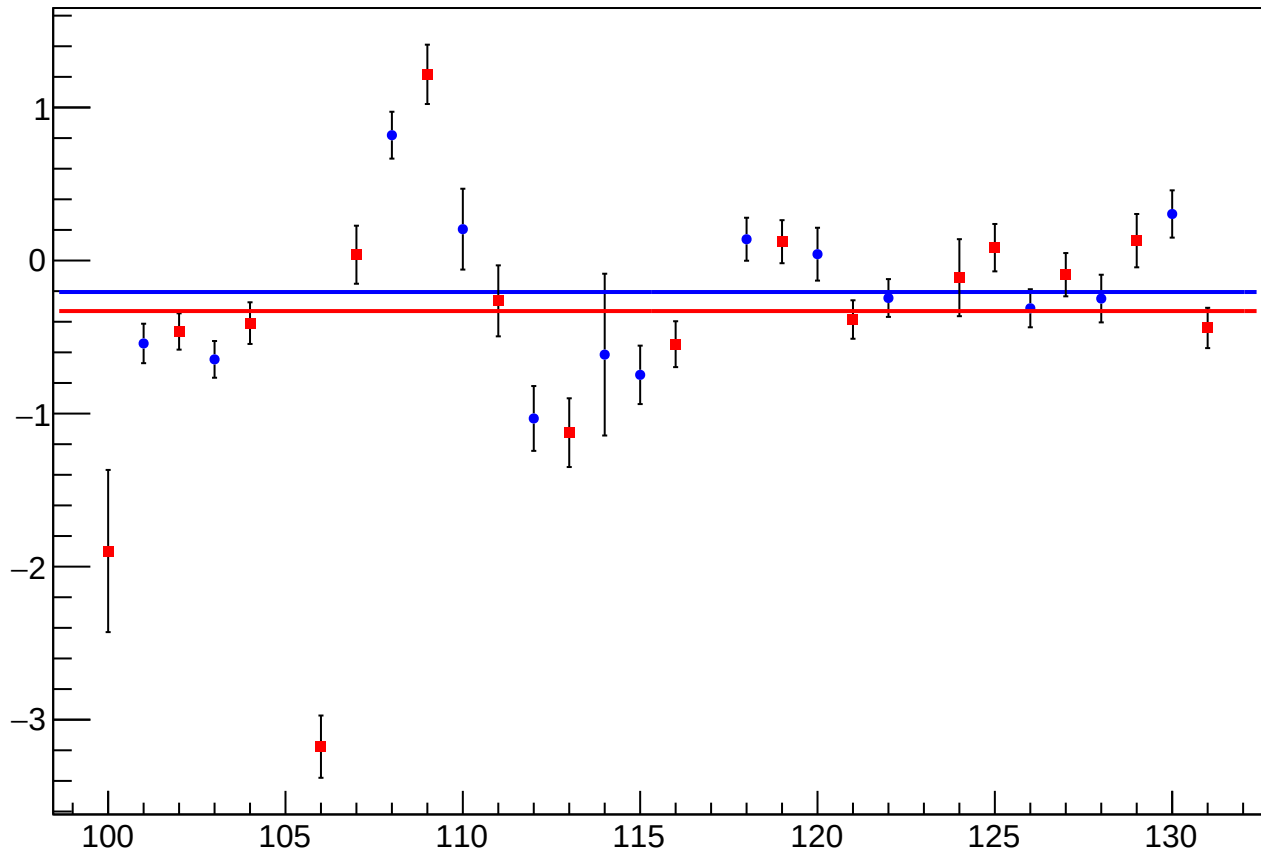
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -66.150 ± 0.422 χ^2/NDF : 1975.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: -0.206 ± 0.043 χ^2/NDF : 111.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.330 ± 0.041 χ^2/NDF : 317.2/15

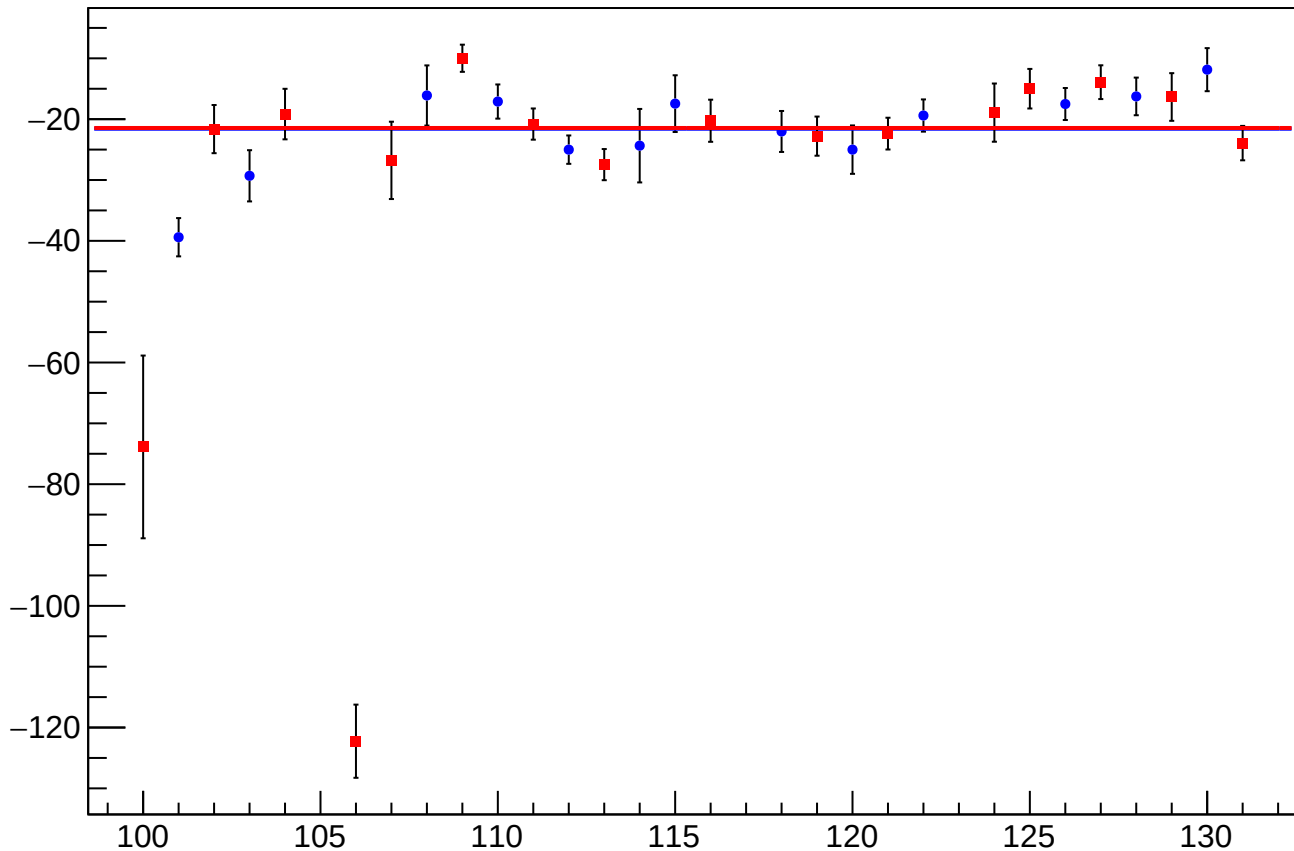
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.271 ± 0.030 χ^2/NDF : 432.8/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



Right In: -21.570 ± 0.911 $\chi^2/\text{NDF}: 56.7/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -21.448 ± 0.825 $\chi^2/\text{NDF}: 340.5/15$

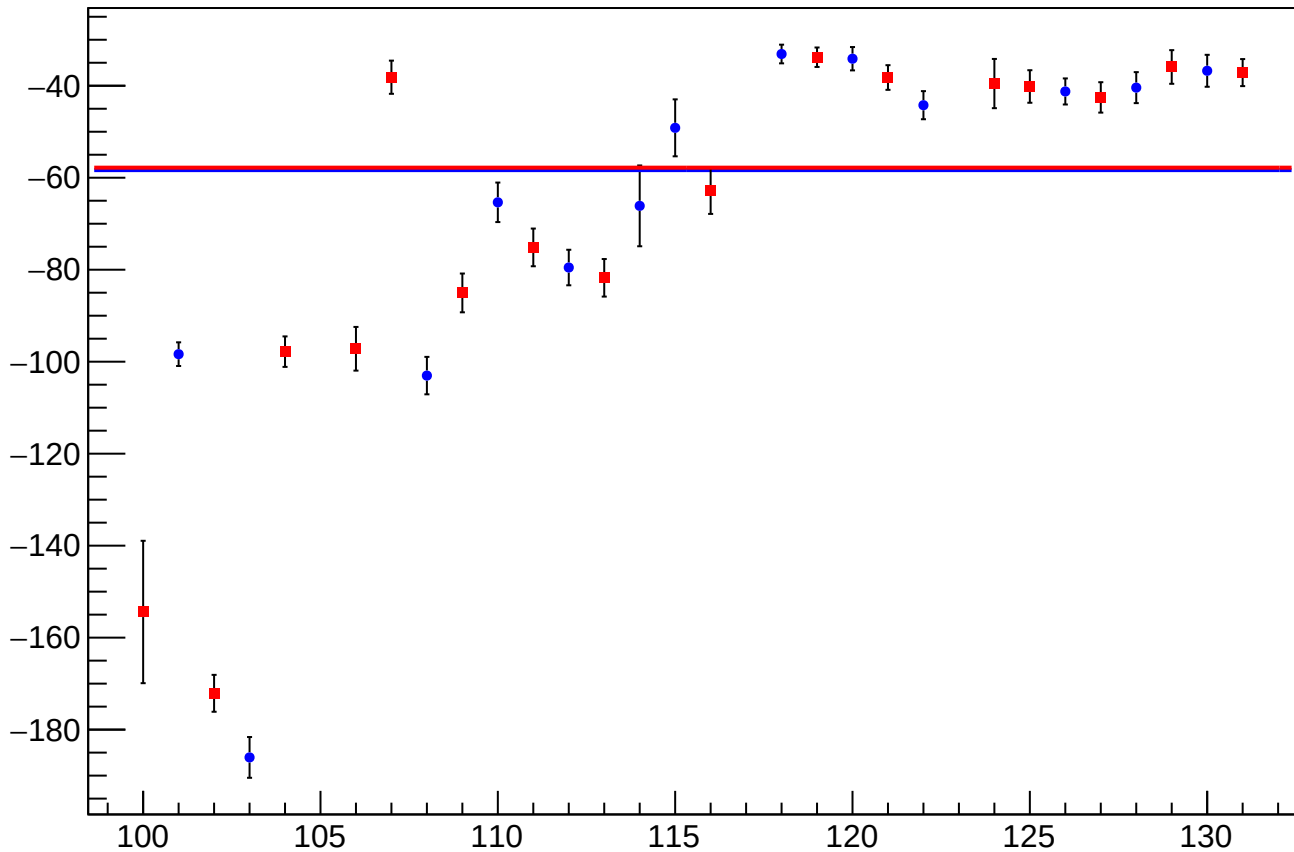
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -21.503 ± 0.612 $\chi^2/\text{NDF}: 397.2/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -58.346 $\pm$ 0.904 χ^2 /NDF: 1598.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -57.810 $\pm$ 0.894 χ^2 /NDF: 1515.2/15

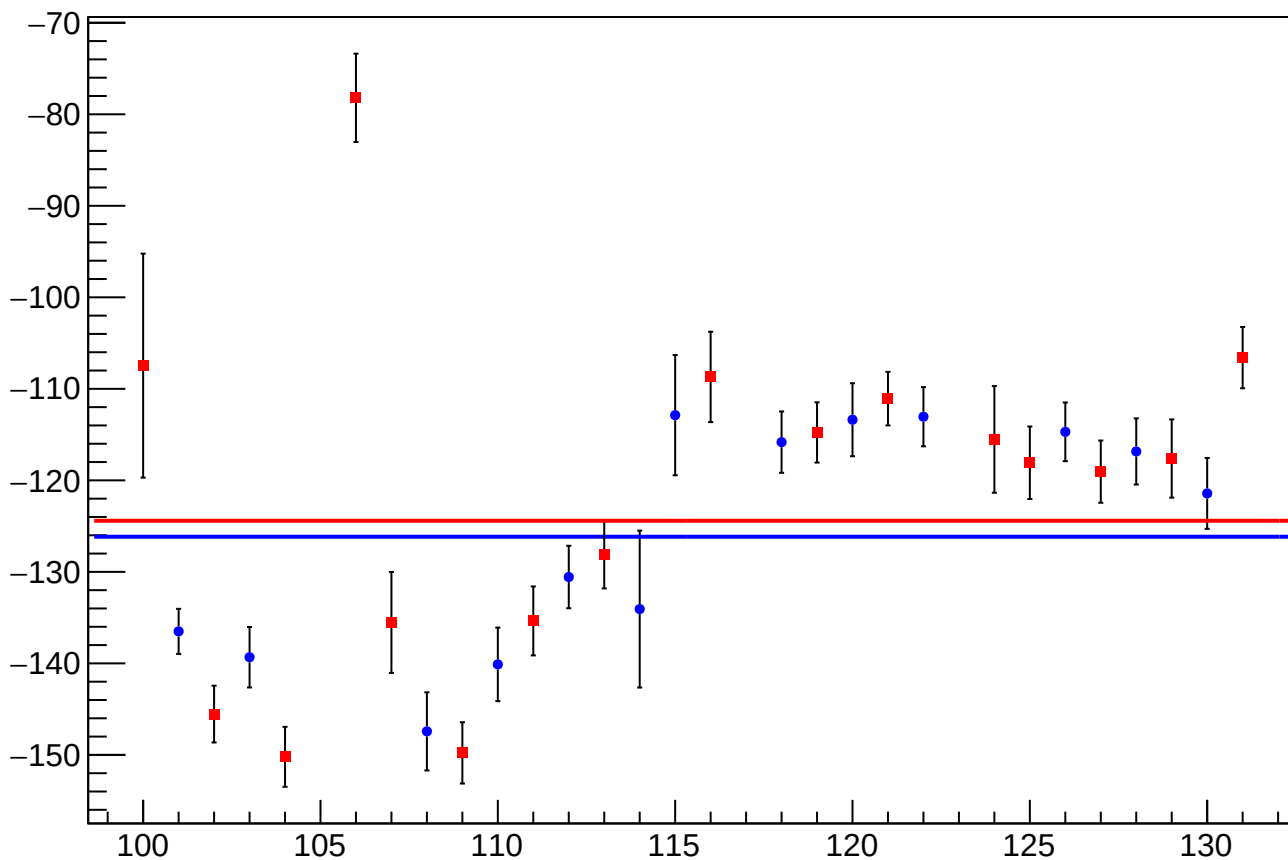
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -58.075 $\pm$ 0.636 χ^2 /NDF: 3113.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -126.160 $\pm$ 1.008 χ^2 /NDF: 134.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -124.416 $\pm$ 0.959 χ^2 /NDF: 350.6/15

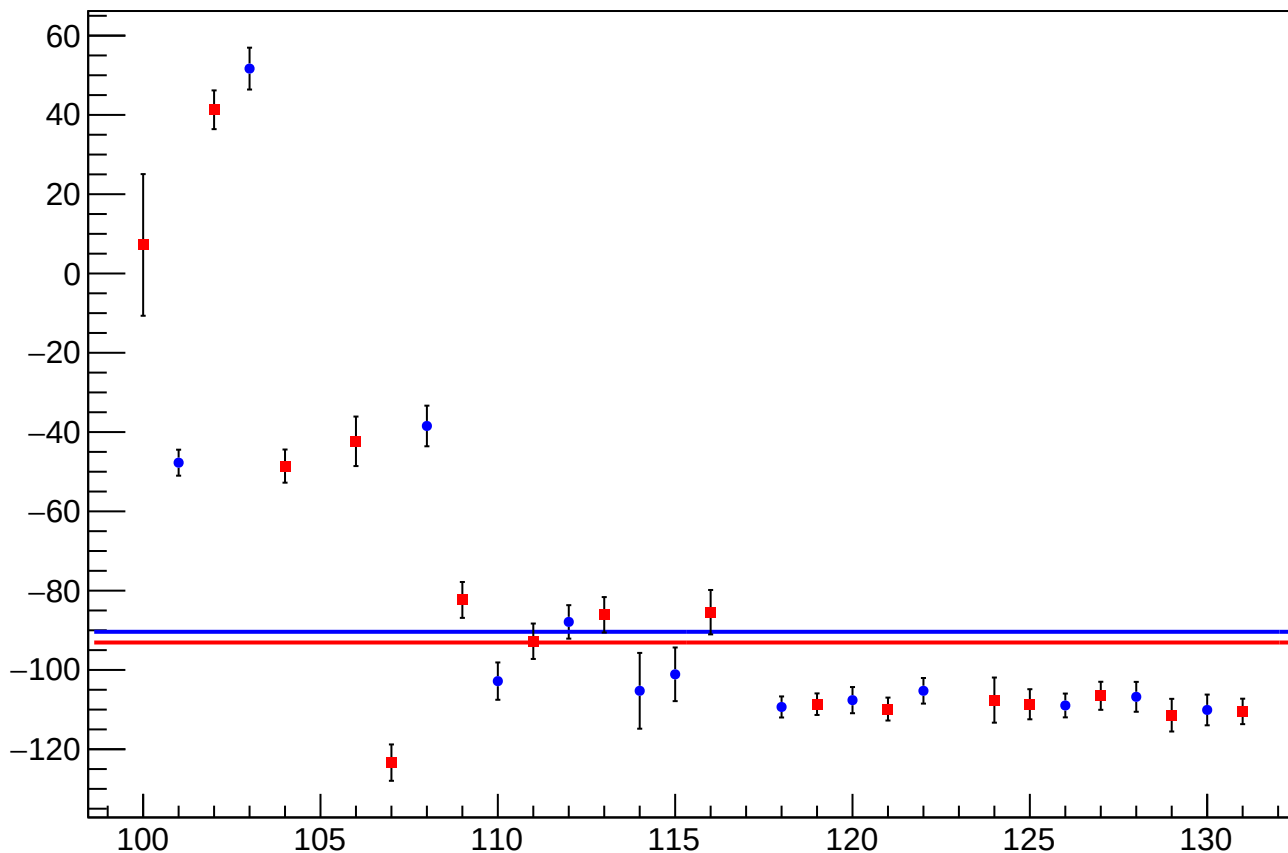
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -125.245 $\pm$ 0.695 χ^2 /NDF: 486.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -90.378 ± 1.067 χ^2/NDF : 1190.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -93.080 ± 1.028 χ^2/NDF : 1173.6/15

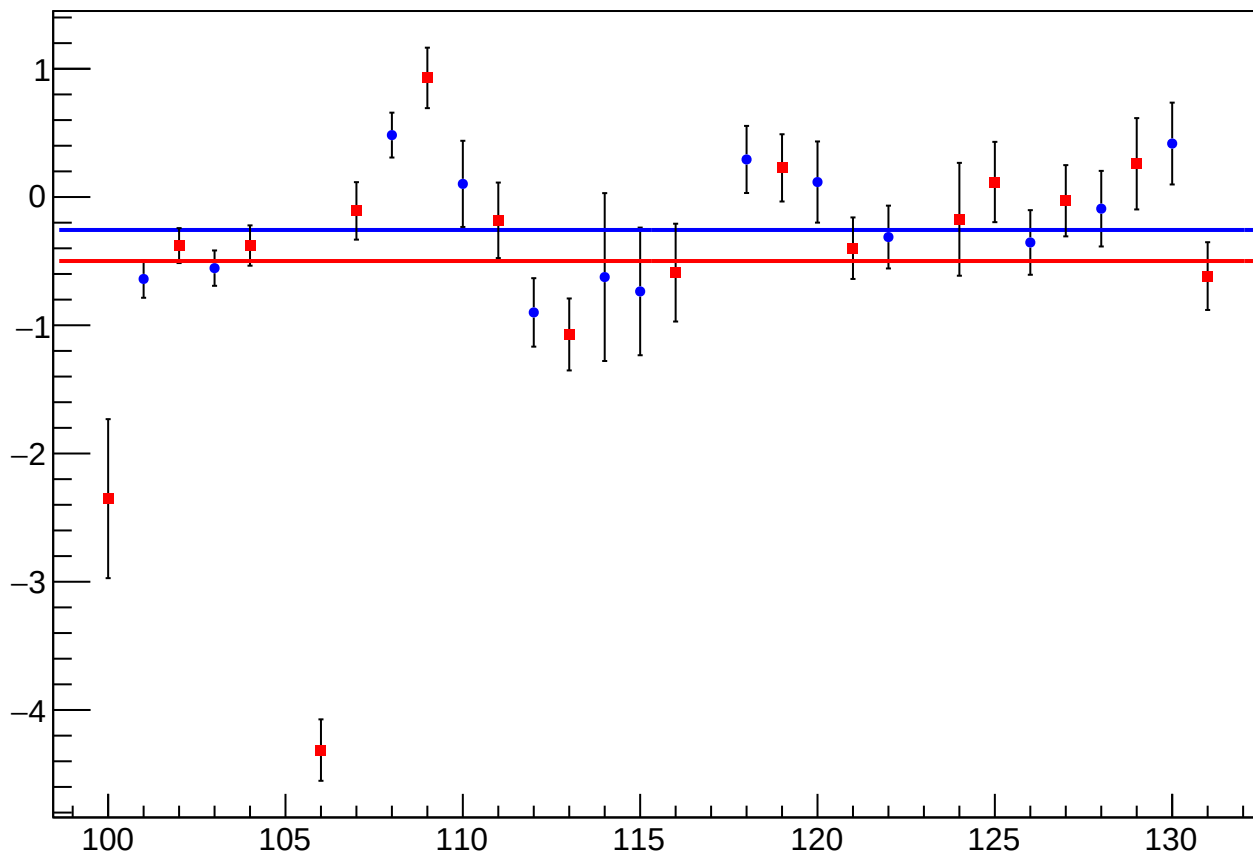
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -91.780 ± 0.740 χ^2/NDF : 2367.7/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.257 ± 0.065 χ^2/NDF : 48.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.499 ± 0.061 χ^2/NDF : 328.6/15

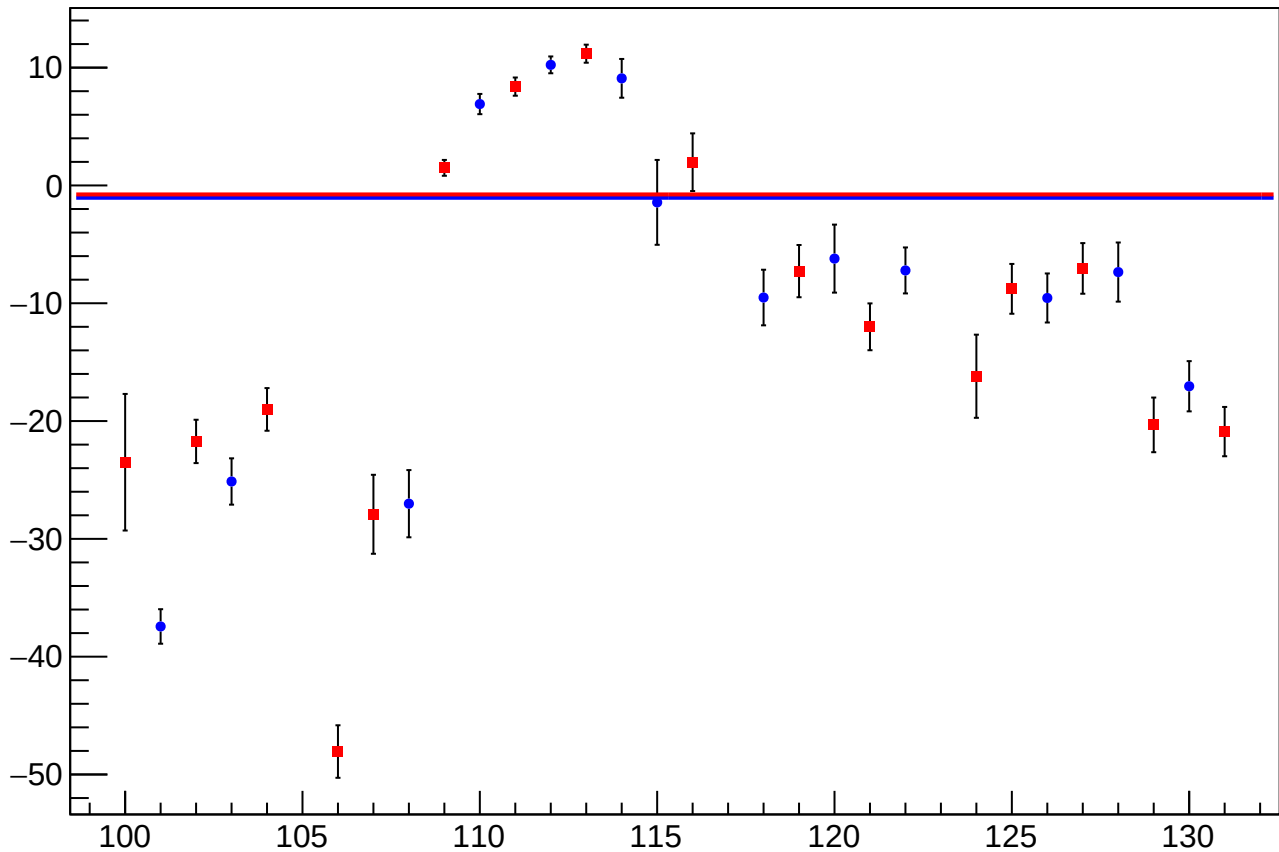
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.384 ± 0.044 χ^2/NDF : 384.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



Right In: -1.045 ± 0.416 χ^2/NDF : 1328.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.763 ± 0.352 χ^2/NDF : 1405.0/15

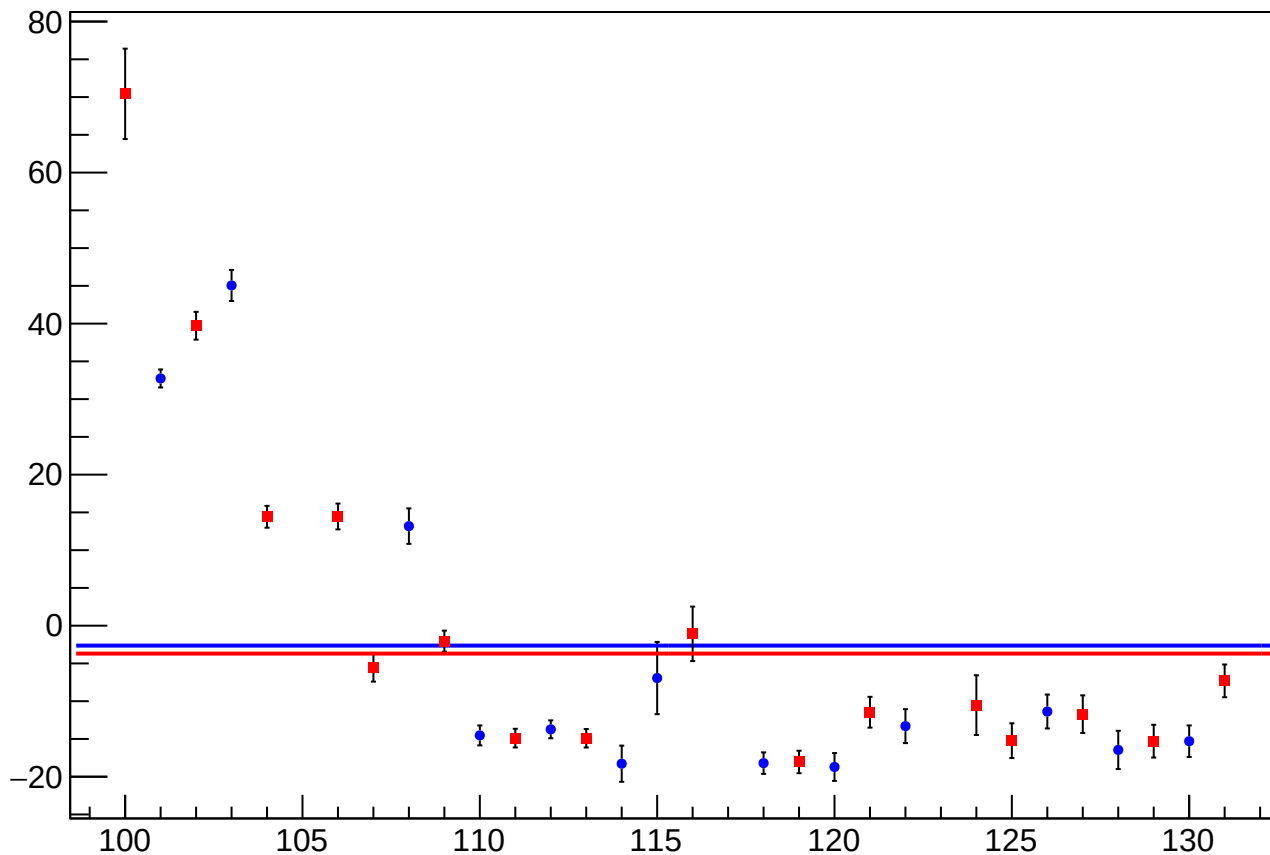
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.881 ± 0.269 χ^2/NDF : 2734.2/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -2.638+/-0.488 χ^2/NDF : 1973.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.697+/-0.453 χ^2/NDF : 1325.6/15

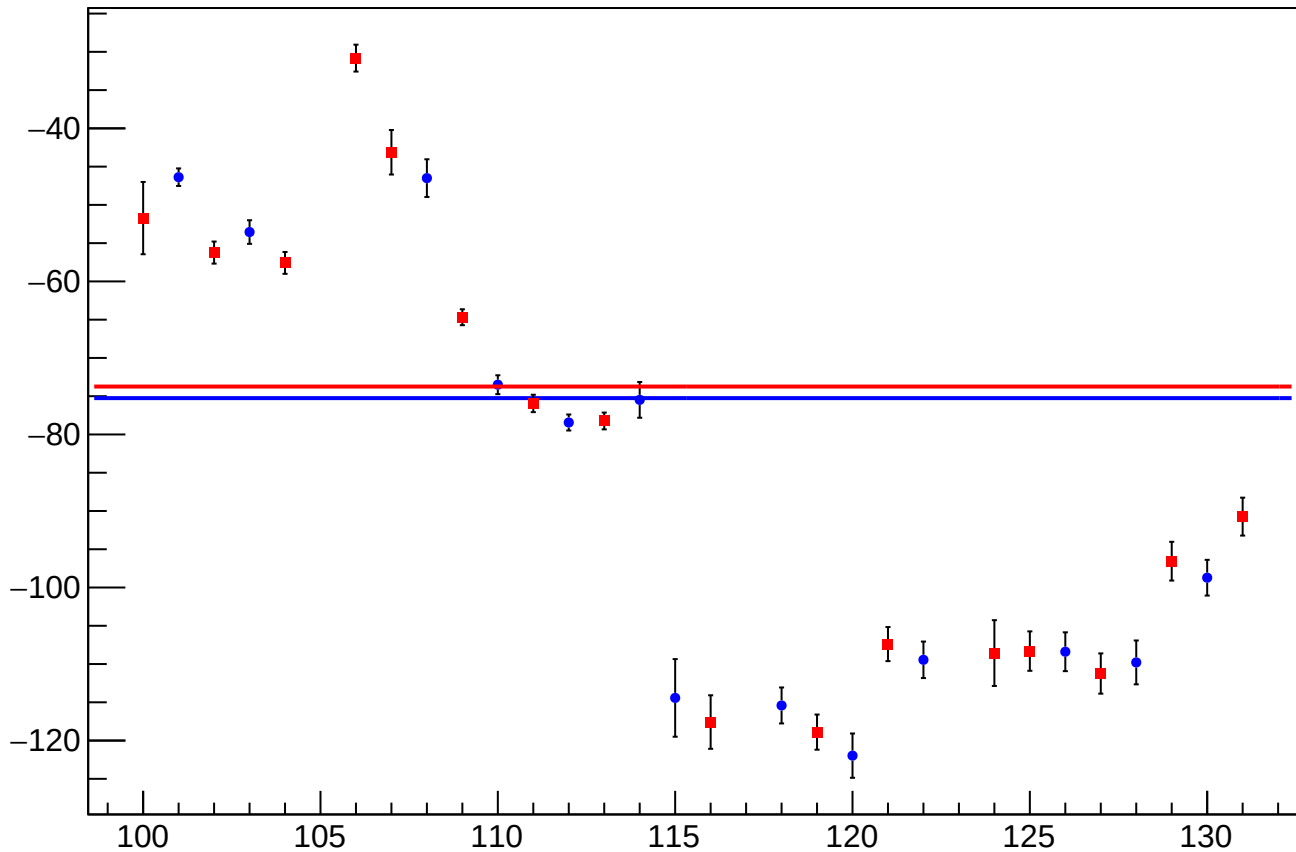
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.207+/-0.332 χ^2/NDF : 3302.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -75.251 ± 0.495 χ^2/NDF : 2215.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -73.738 ± 0.441 χ^2/NDF : 2450.8/15

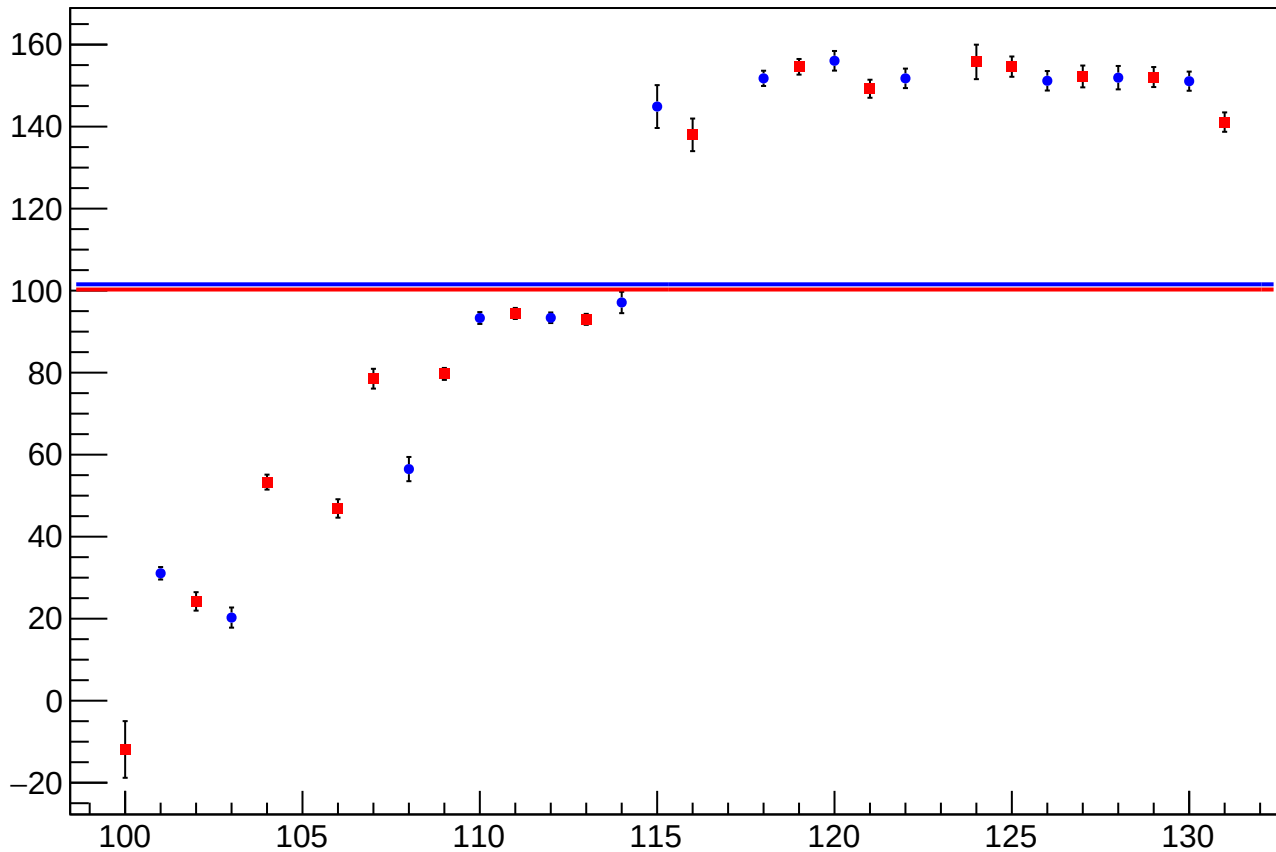
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -74.408 ± 0.330 χ^2/NDF : 4671.4/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 101.539+/-0.568 χ^2/NDF : 6507.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.270+/-0.518 χ^2/NDF : 6143.3/15

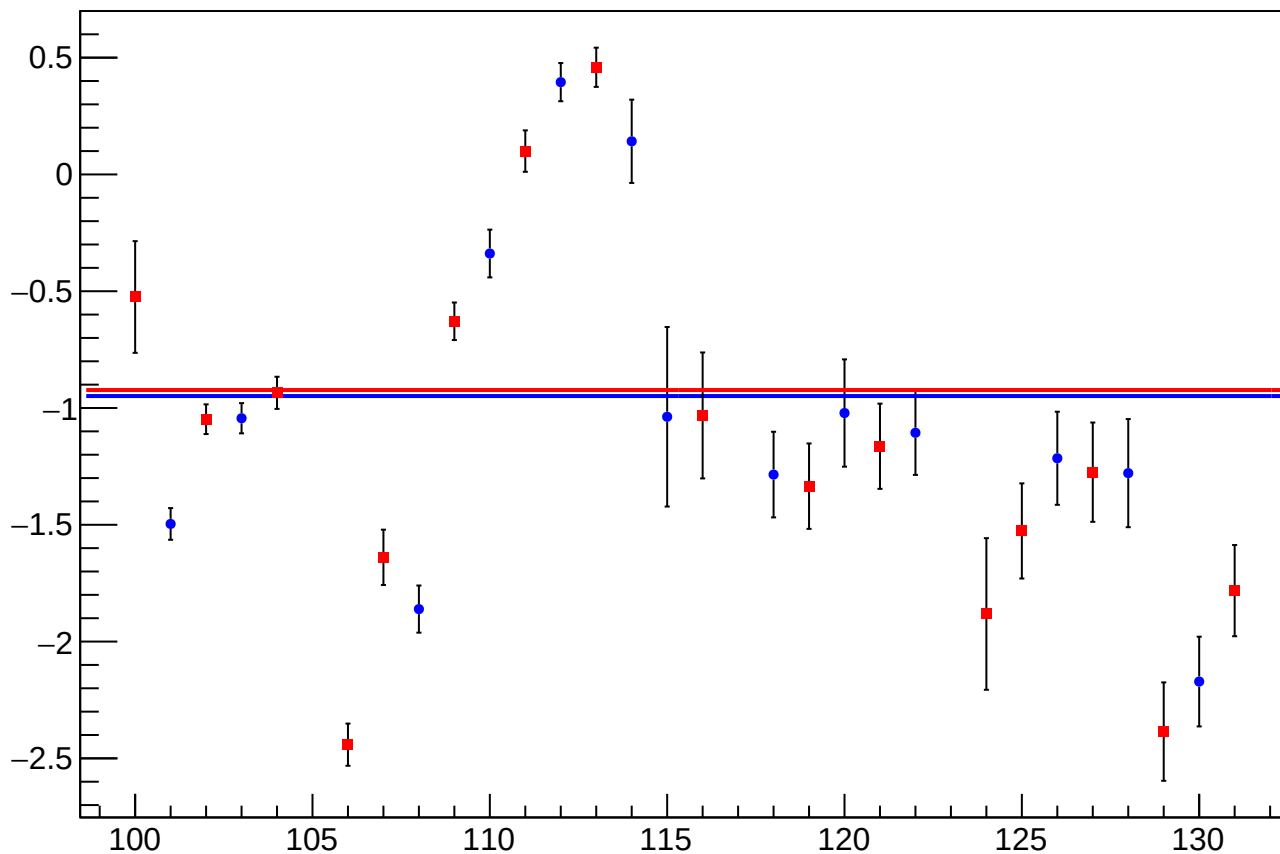
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.846+/-0.383 χ^2/NDF : 12653.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.949 $\pm$ 0.032 χ^2 /NDF: 541.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.923 $\pm$ 0.028 χ^2 /NDF: 838.2/15

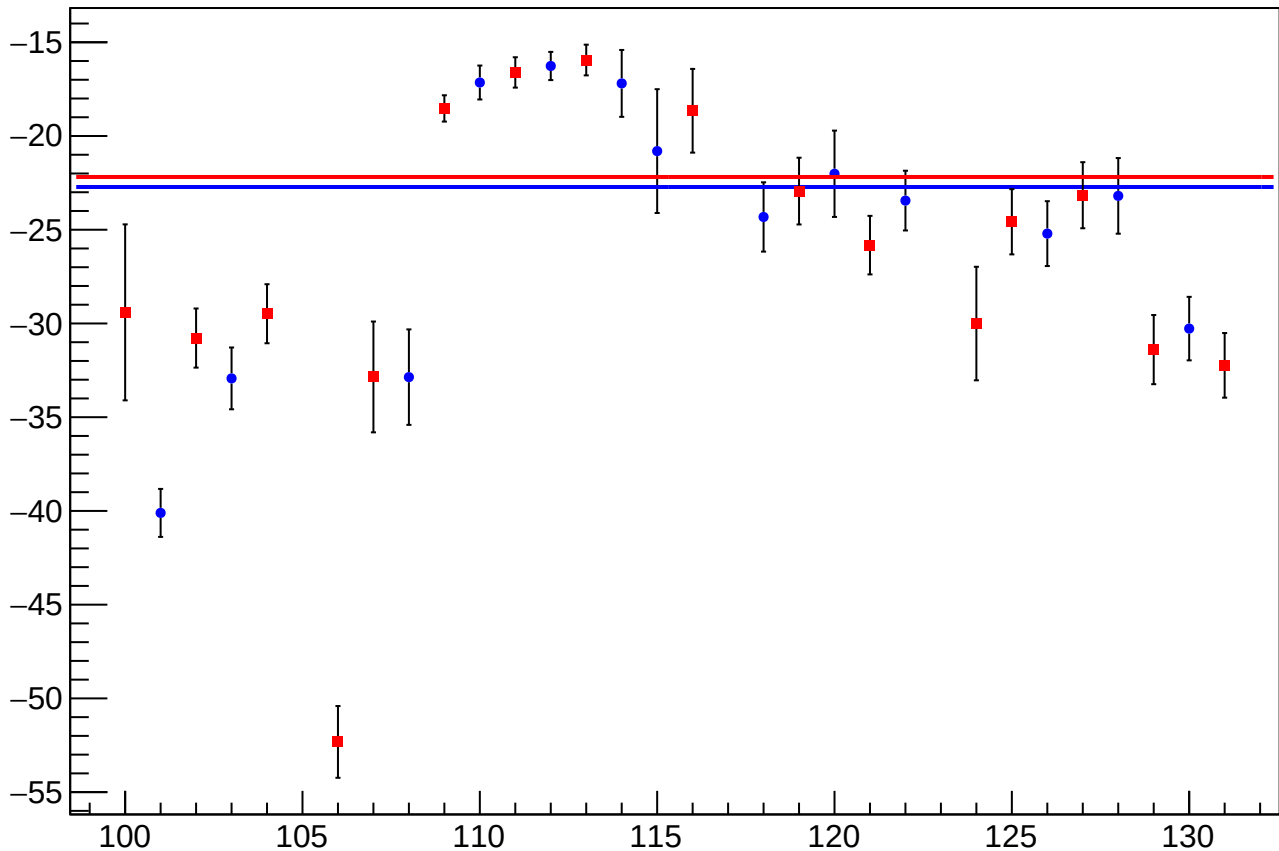
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.934 $\pm$ 0.021 χ^2 /NDF: 1379.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



Right In: -22.721 ± 0.397 χ^2/NDF : 383.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -22.186 ± 0.341 χ^2/NDF : 522.9/15

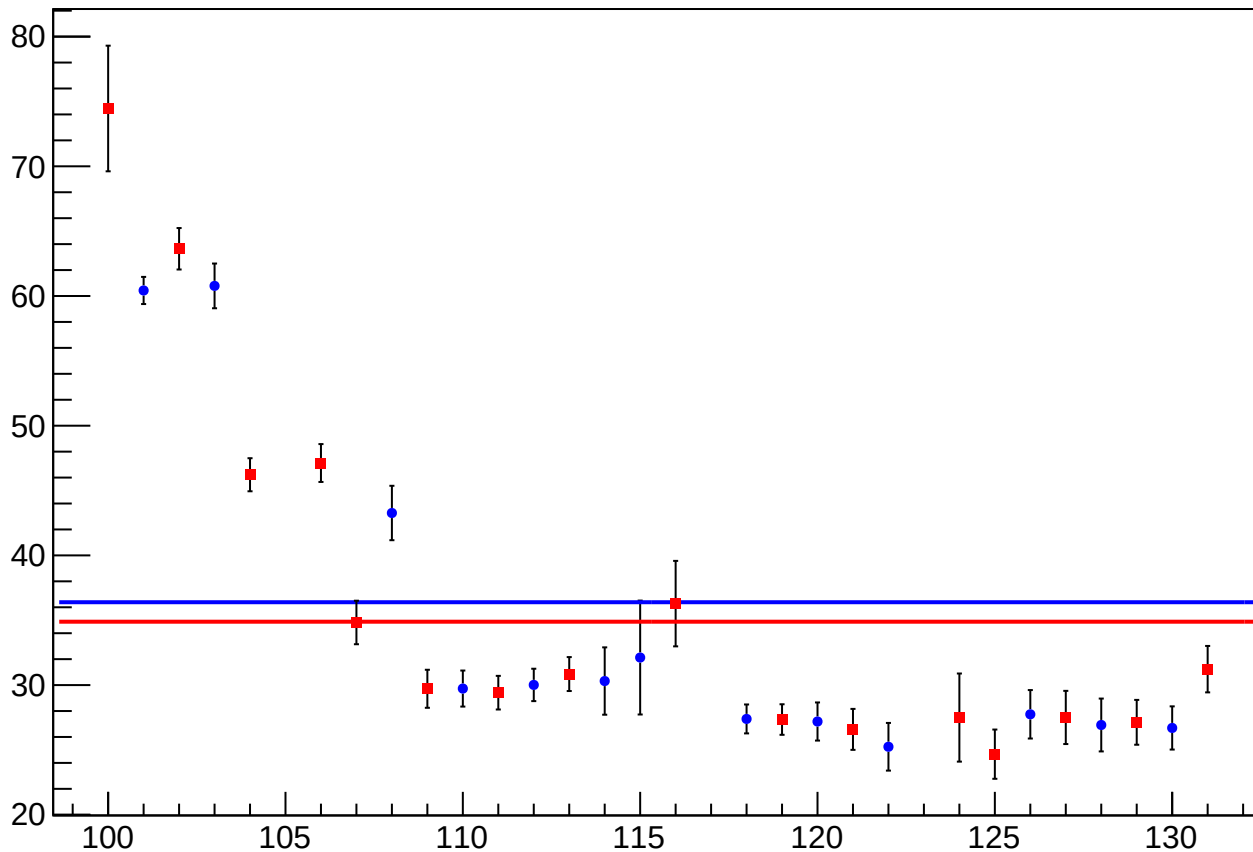
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.412 ± 0.259 χ^2/NDF : 907.2/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 36.389 $\pm$ 0.435 χ^2 /NDF: 1011.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 34.887 $\pm$ 0.409 χ^2 /NDF: 719.2/15

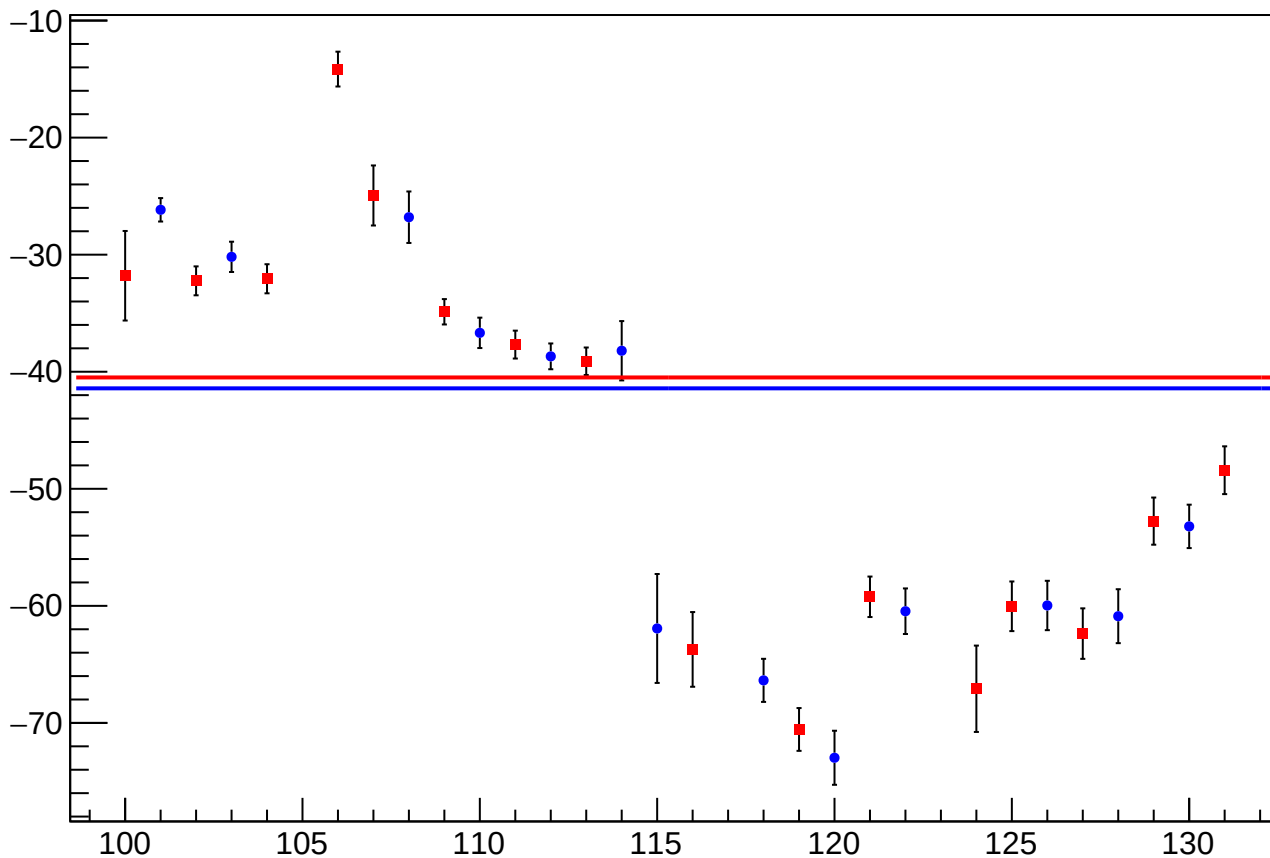
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.592 $\pm$ 0.298 χ^2 /NDF: 1737.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -41.419 ± 0.453 χ^2/NDF : 1047.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -40.488 ± 0.409 χ^2/NDF : 1212.9/15

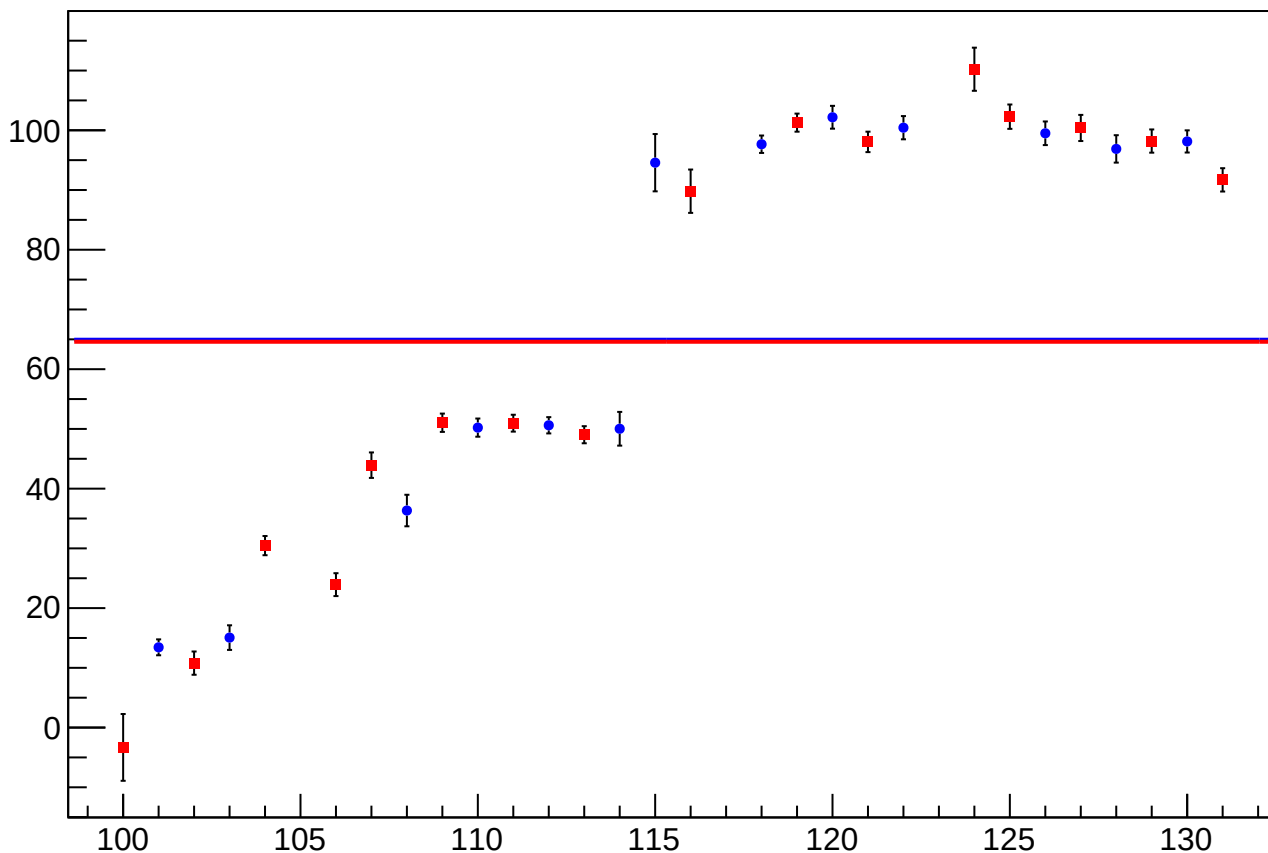
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.906 ± 0.303 χ^2/NDF : 2263.0/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 64.934 $\pm$ 0.511 χ^2 /NDF: 4504.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 64.595 $\pm$ 0.471 χ^2 /NDF: 4476.2/15

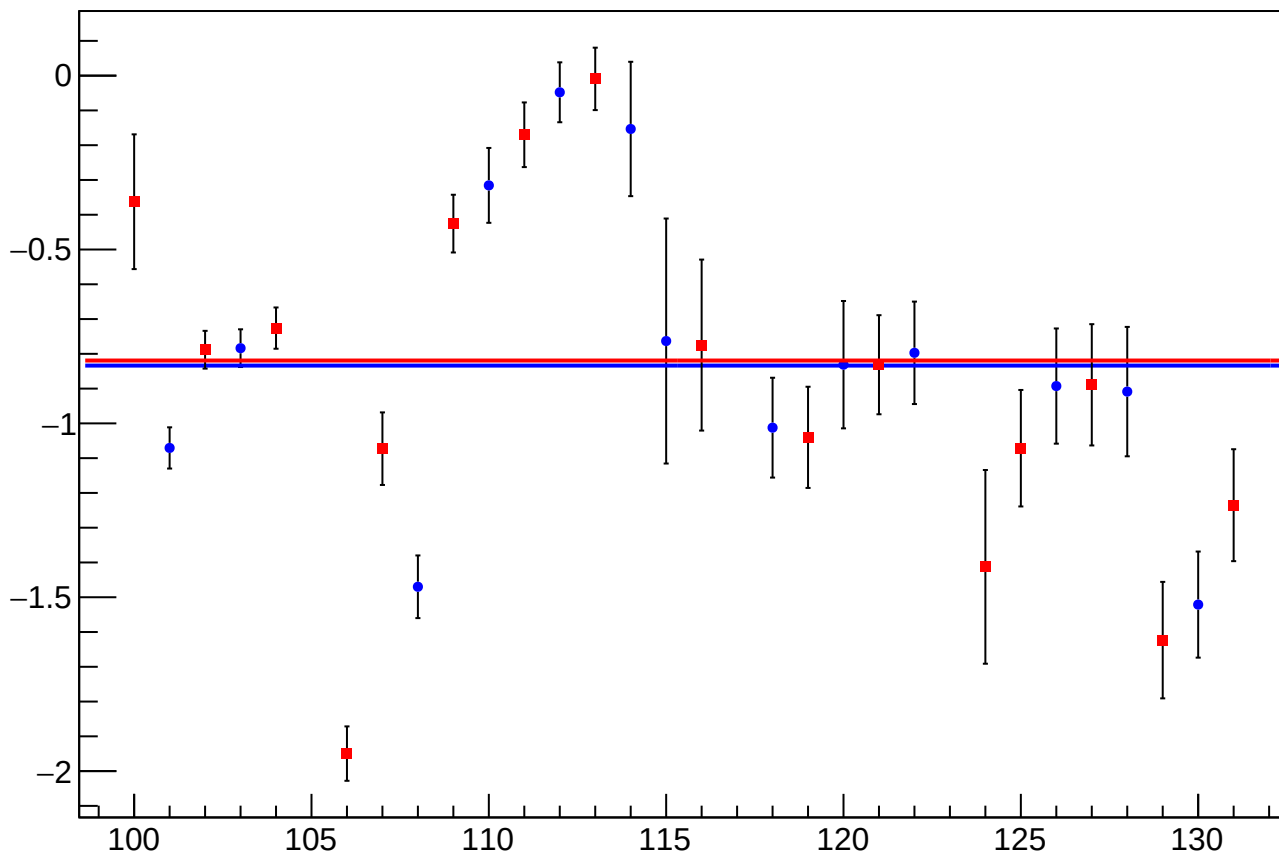
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 64.751 $\pm$ 0.347 χ^2 /NDF: 8980.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.834 ± 0.028 $\chi^2/\text{NDF}: 207.7/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.819 ± 0.025 $\chi^2/\text{NDF}: 414.8/15$

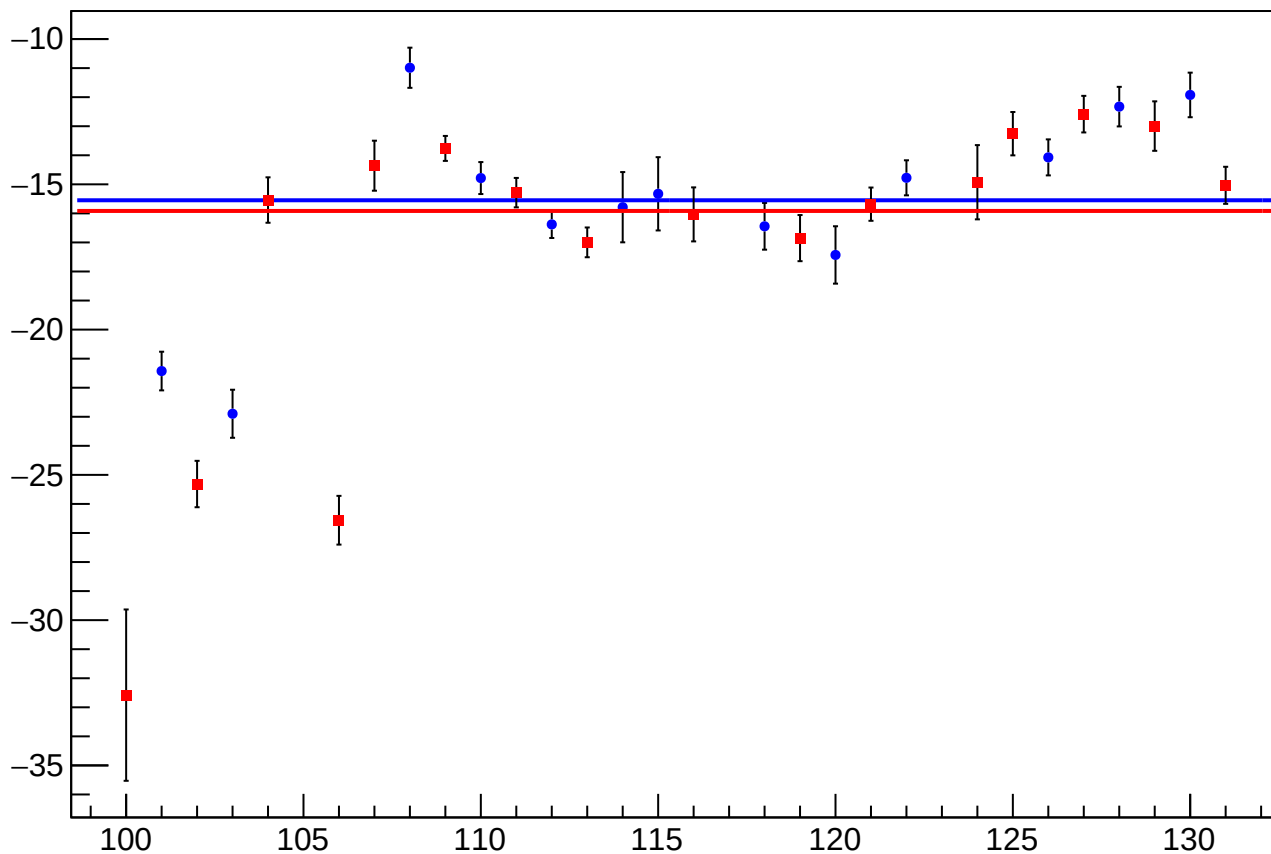
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.826 ± 0.019 $\chi^2/\text{NDF}: 622.6/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



Right In: -15.549 ± 0.193 χ^2/NDF : 262.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.916 ± 0.172 χ^2/NDF : 422.8/15

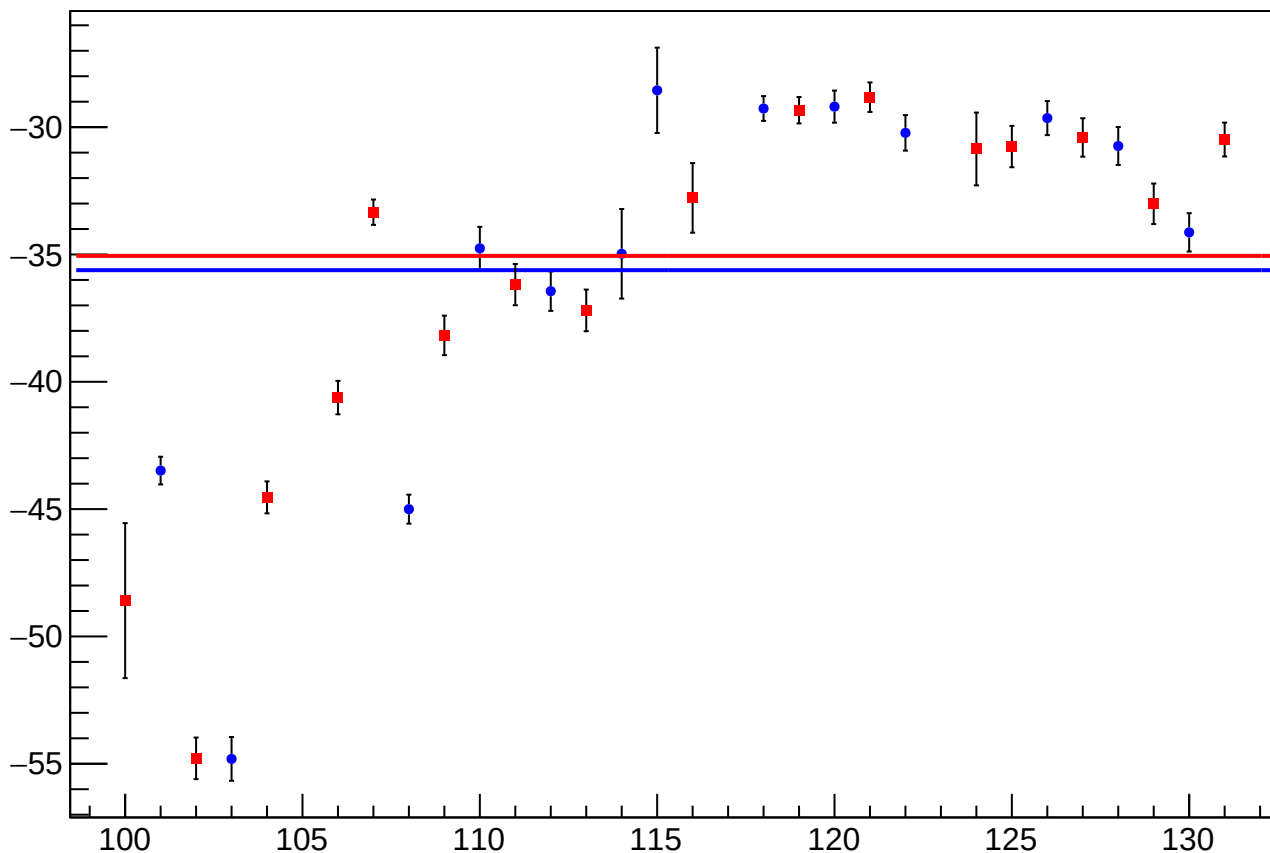
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.754 ± 0.129 χ^2/NDF : 687.4/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -35.616 ± 0.196 χ^2/NDF : 1459.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.054 ± 0.183 χ^2/NDF : 1309.1/15

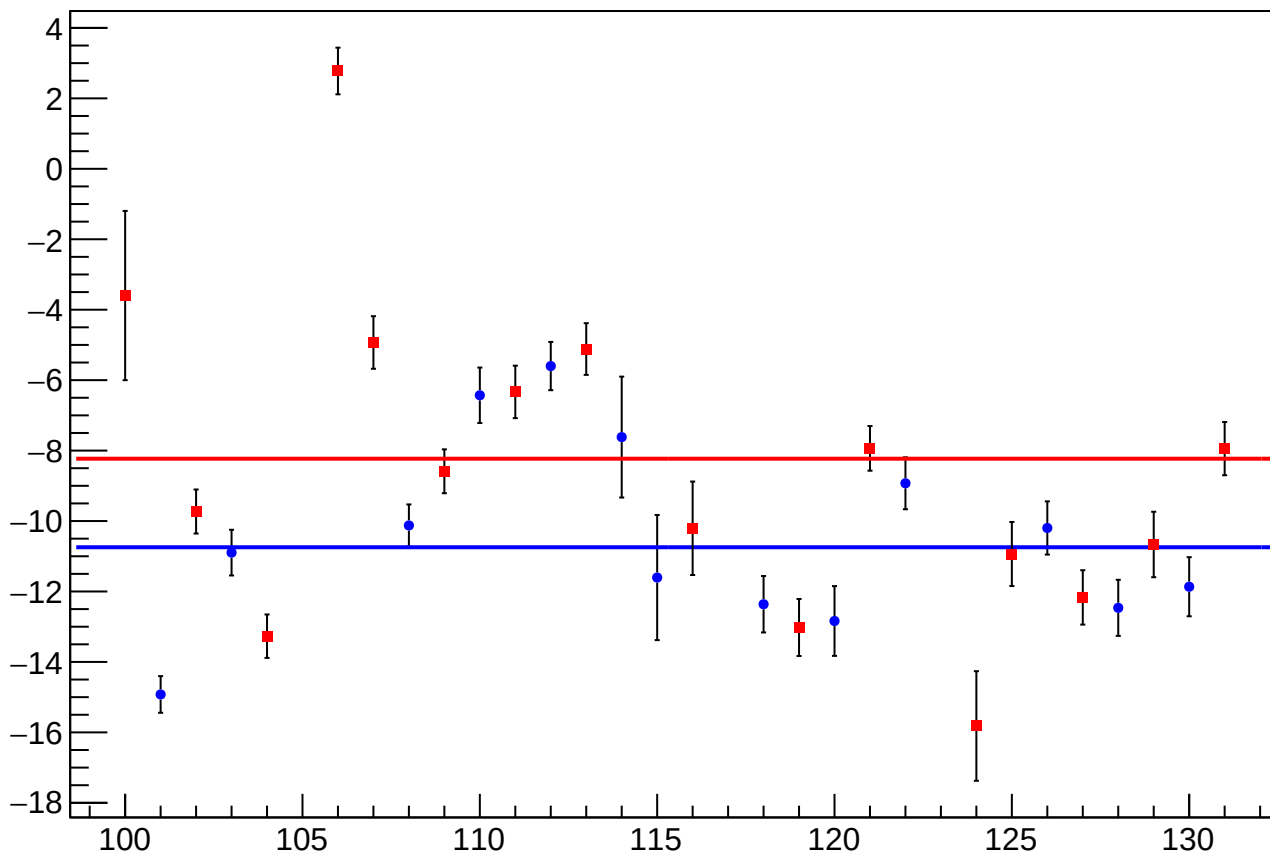
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.316 ± 0.133 χ^2/NDF : 2772.7/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: -10.744 ± 0.211 χ^2/NDF : 177.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.230 ± 0.194 χ^2/NDF : 500.2/15

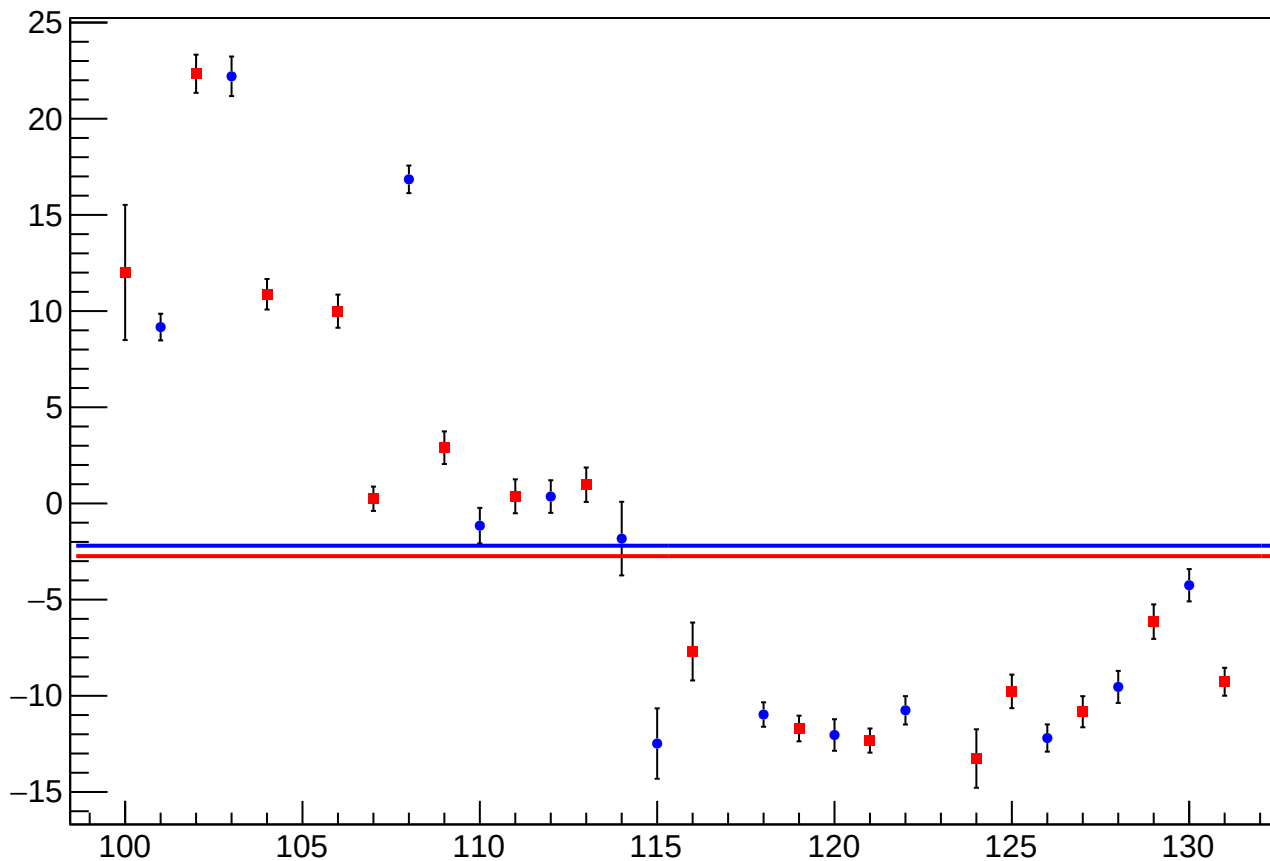
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.384 ± 0.143 χ^2/NDF : 754.0/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -2.197 $\pm$ 0.231 χ^2 /NDF: 2330.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.740 $\pm$ 0.213 χ^2 /NDF: 1999.0/15

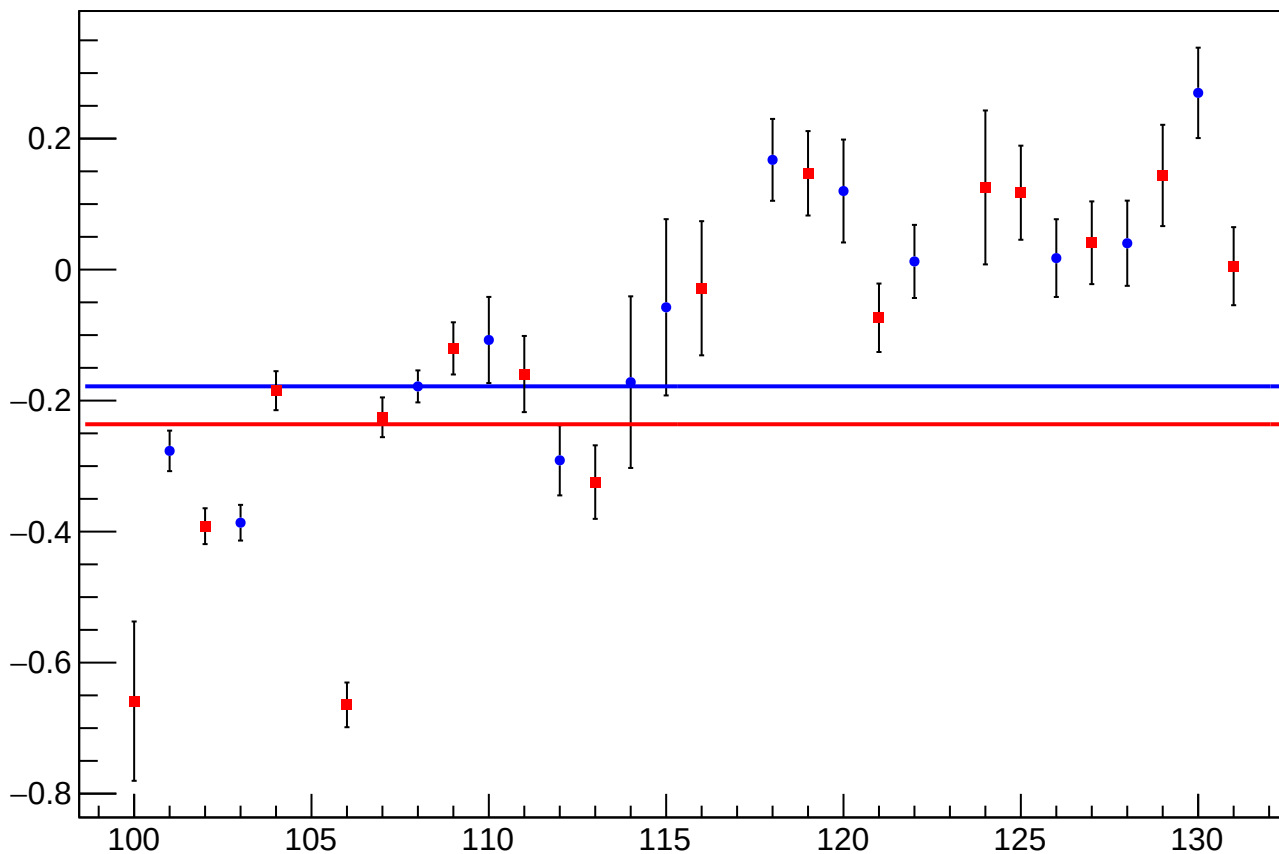
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.491 $\pm$ 0.156 χ^2 /NDF: 4332.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.178 ± 0.013 χ^2/NDF : 195.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.236 ± 0.012 χ^2/NDF : 360.4/15

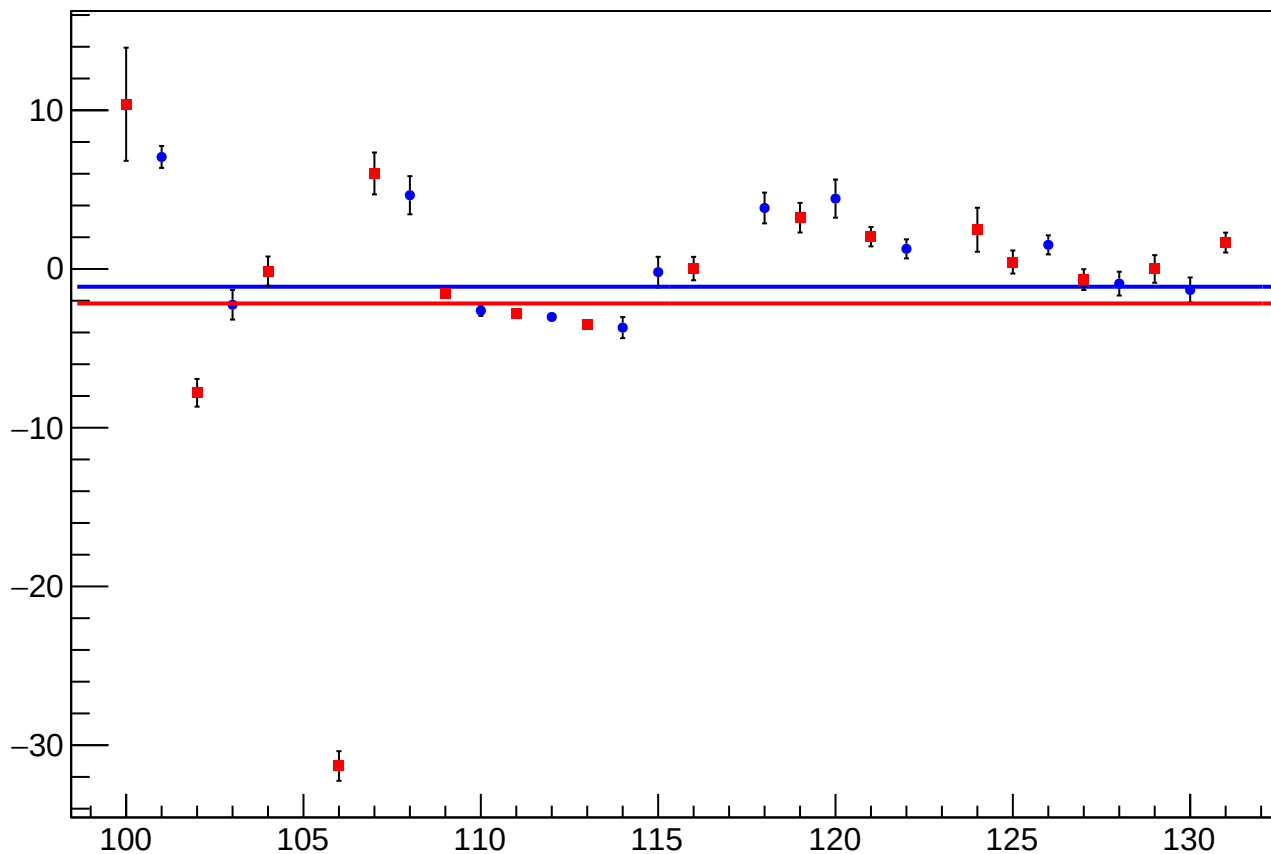
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.210 ± 0.009 χ^2/NDF : 567.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: -1.117 ± 0.158 χ^2/NDF : 330.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.172 ± 0.136 χ^2/NDF : 1266.1/15

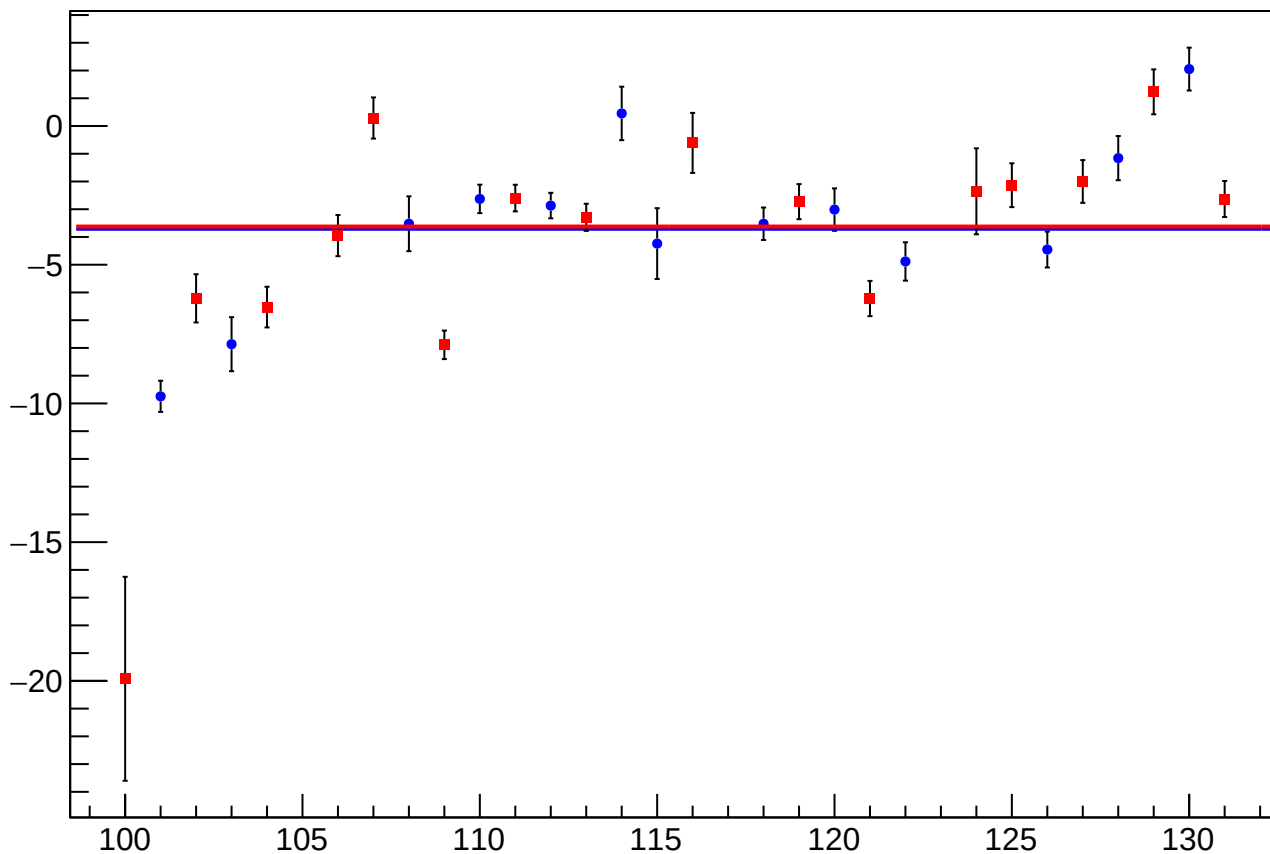
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.724 ± 0.103 χ^2/NDF : 1622.2/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -3.704 $\pm$ 0.189 χ^2 /NDF: 231.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.624 $\pm$ 0.175 χ^2 /NDF: 219.6/15

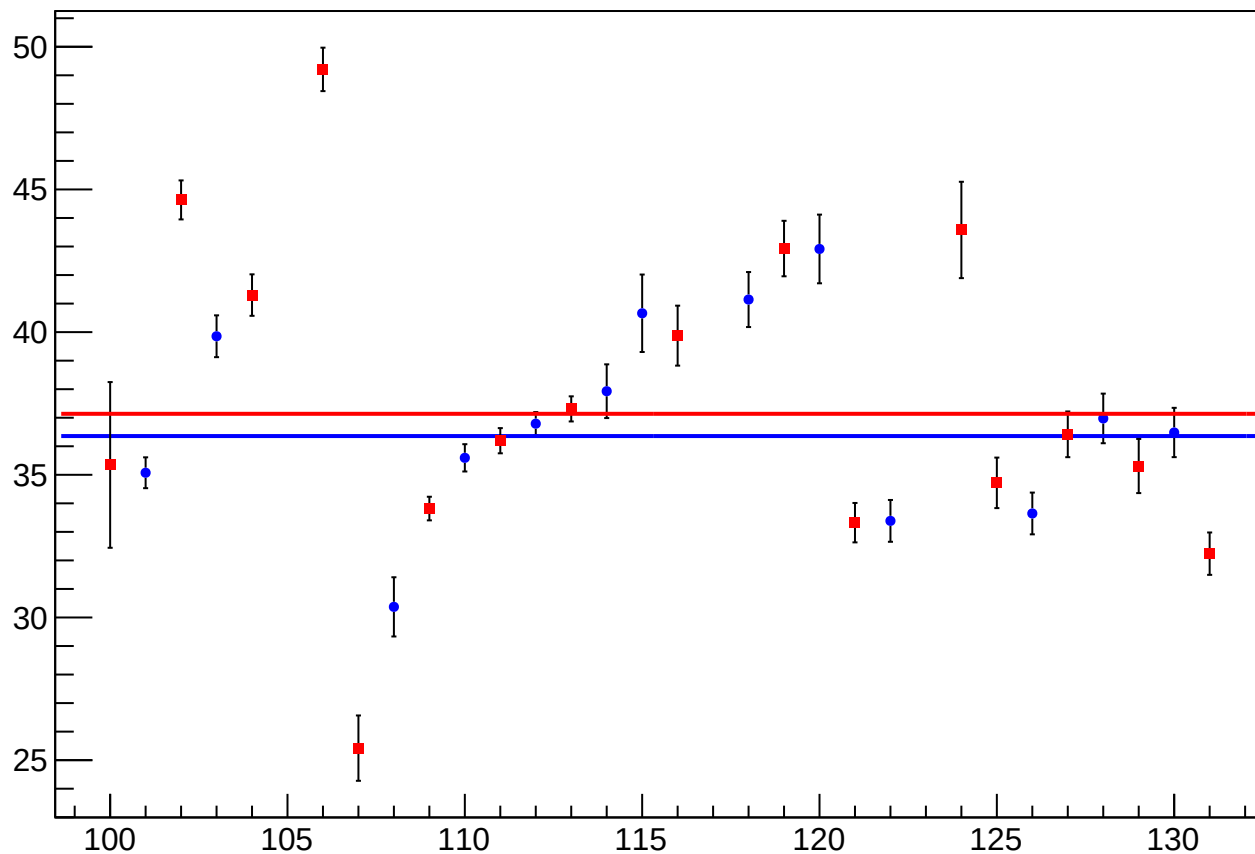
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.661 $\pm$ 0.129 χ^2 /NDF: 450.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 36.358 $\pm$ 0.194 χ^2 /NDF: 163.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 37.138 $\pm$ 0.174 χ^2 /NDF: 721.6/15

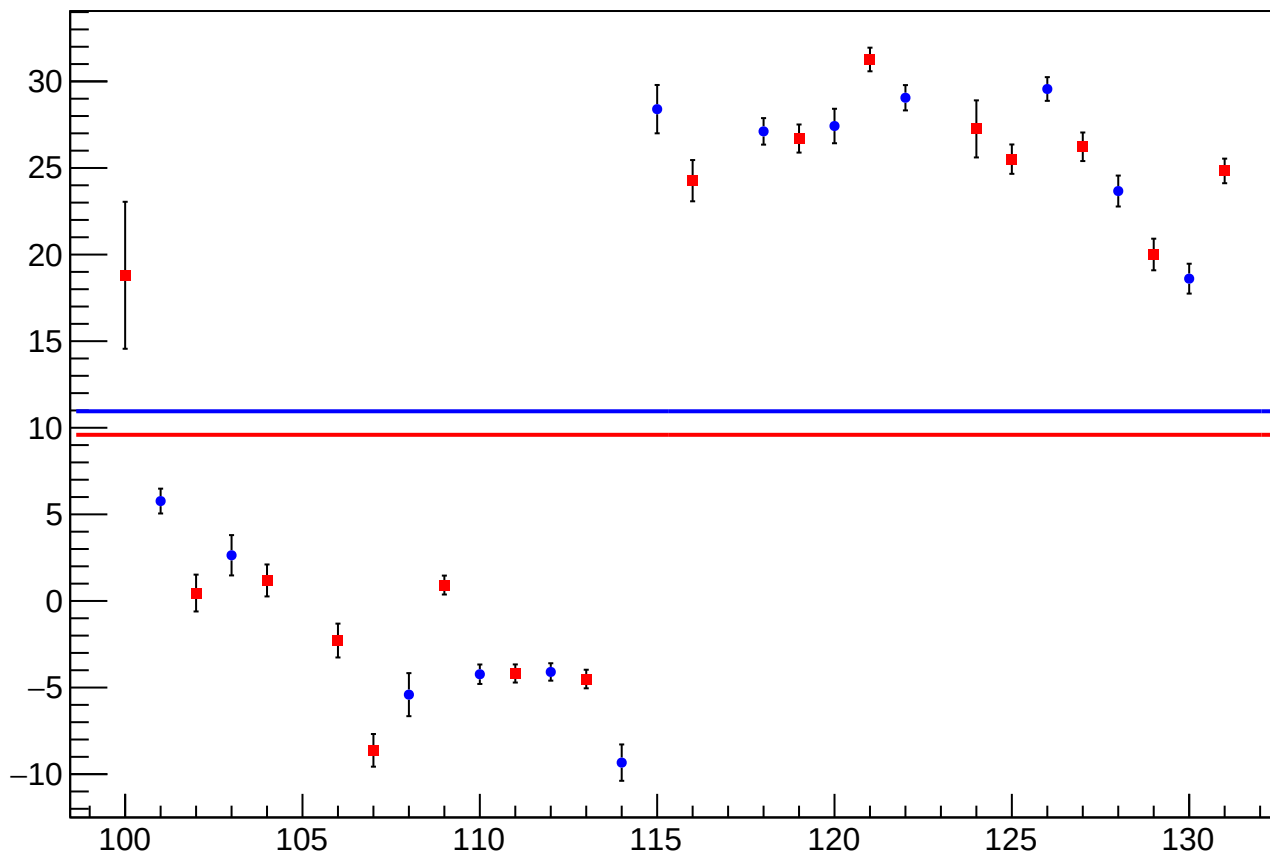
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.790 $\pm$ 0.130 χ^2 /NDF: 893.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 10.952+/-0.217 χ^2 /NDF: 4788.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 9.593+/-0.198 χ^2 /NDF: 5390.7/15

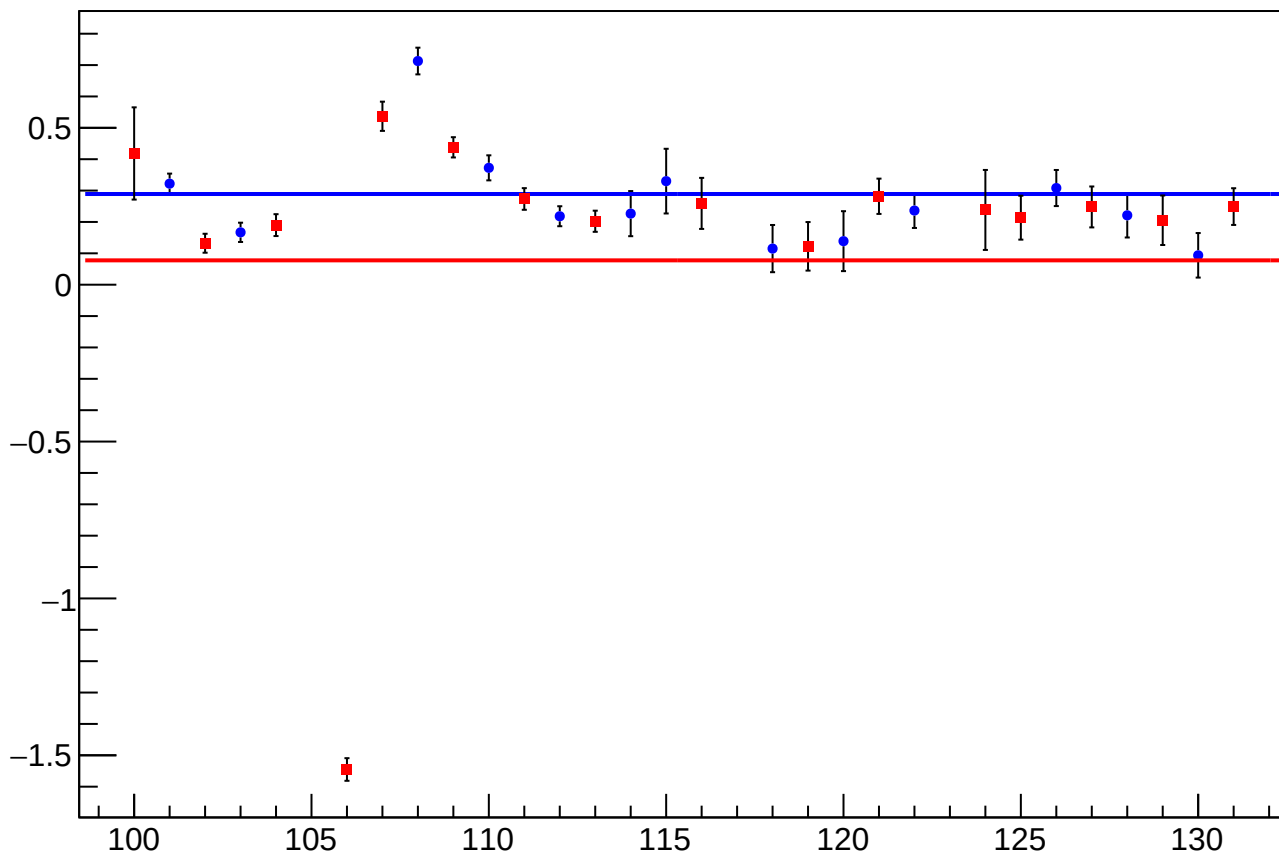
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 10.210+/-0.146 χ^2 /NDF: 10200.2/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.289 $\pm$ 0.013 χ^2 /NDF: 143.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.078 $\pm$ 0.012 χ^2 /NDF: 2352.8/15

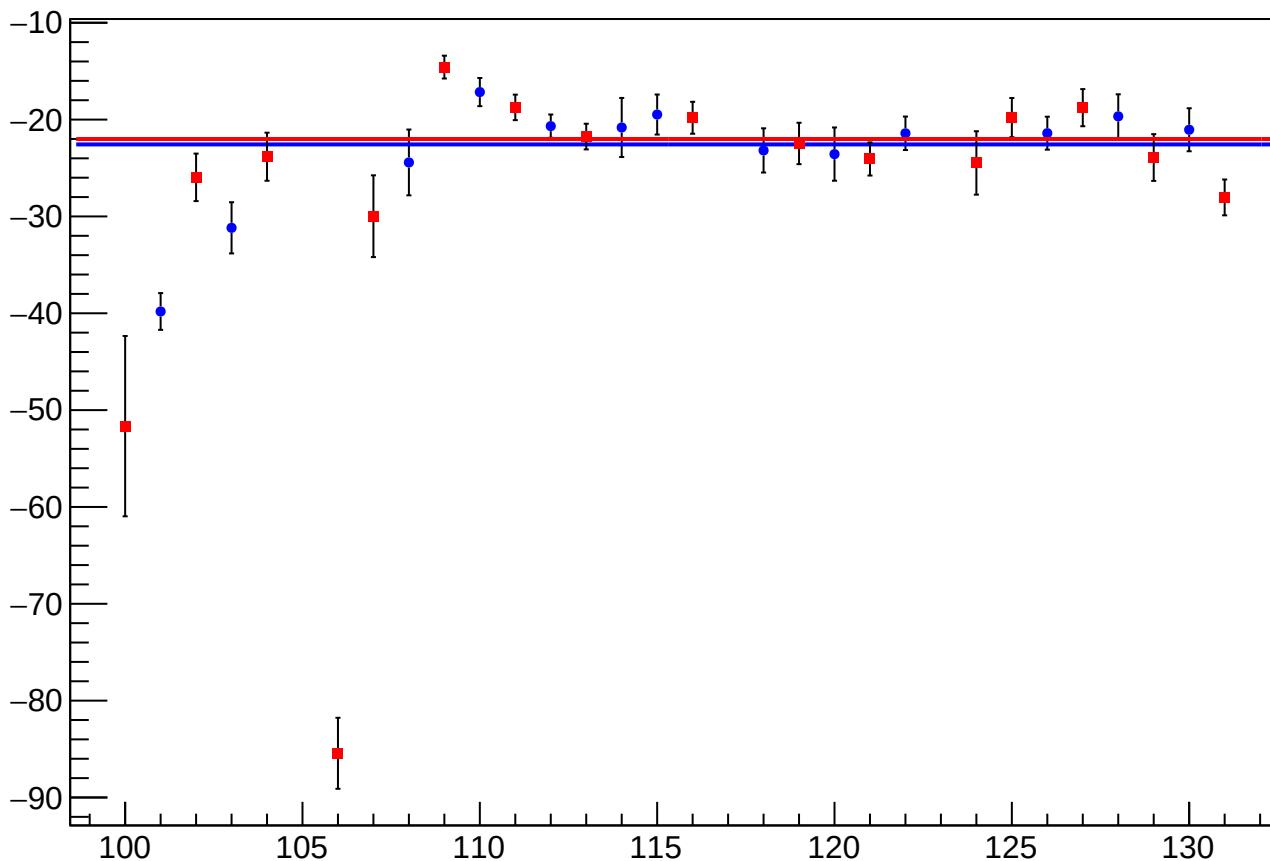
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.170 $\pm$ 0.009 χ^2 /NDF: 2642.2/28

- 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: -22.564 $\pm$ 0.541 χ^2 /NDF: 115.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -22.005 $\pm$ 0.480 χ^2 /NDF: 381.2/15

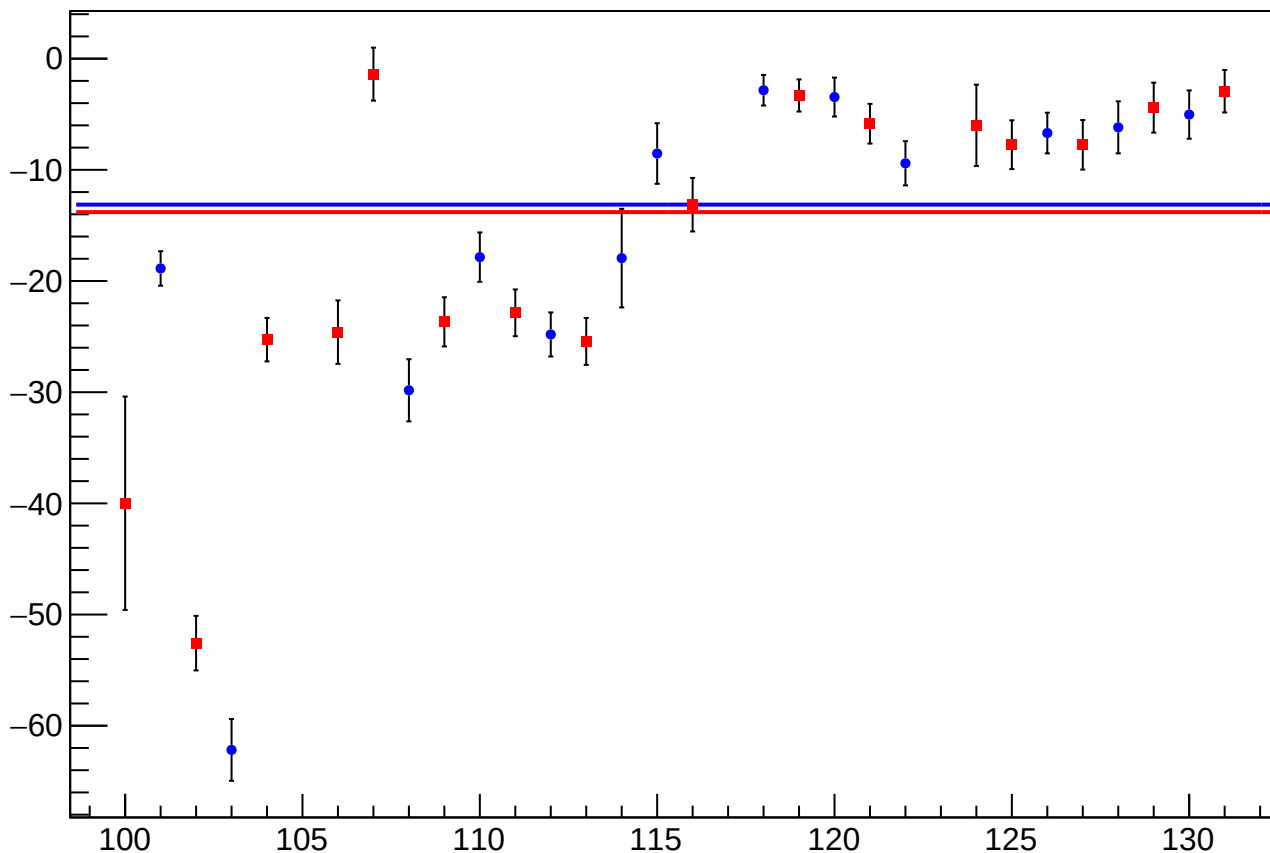
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -22.251 $\pm$ 0.359 χ^2 /NDF: 497.4/28

- 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: -13.129 ± 0.566 χ^2/NDF : 529.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -13.803 ± 0.549 χ^2/NDF : 544.0/15

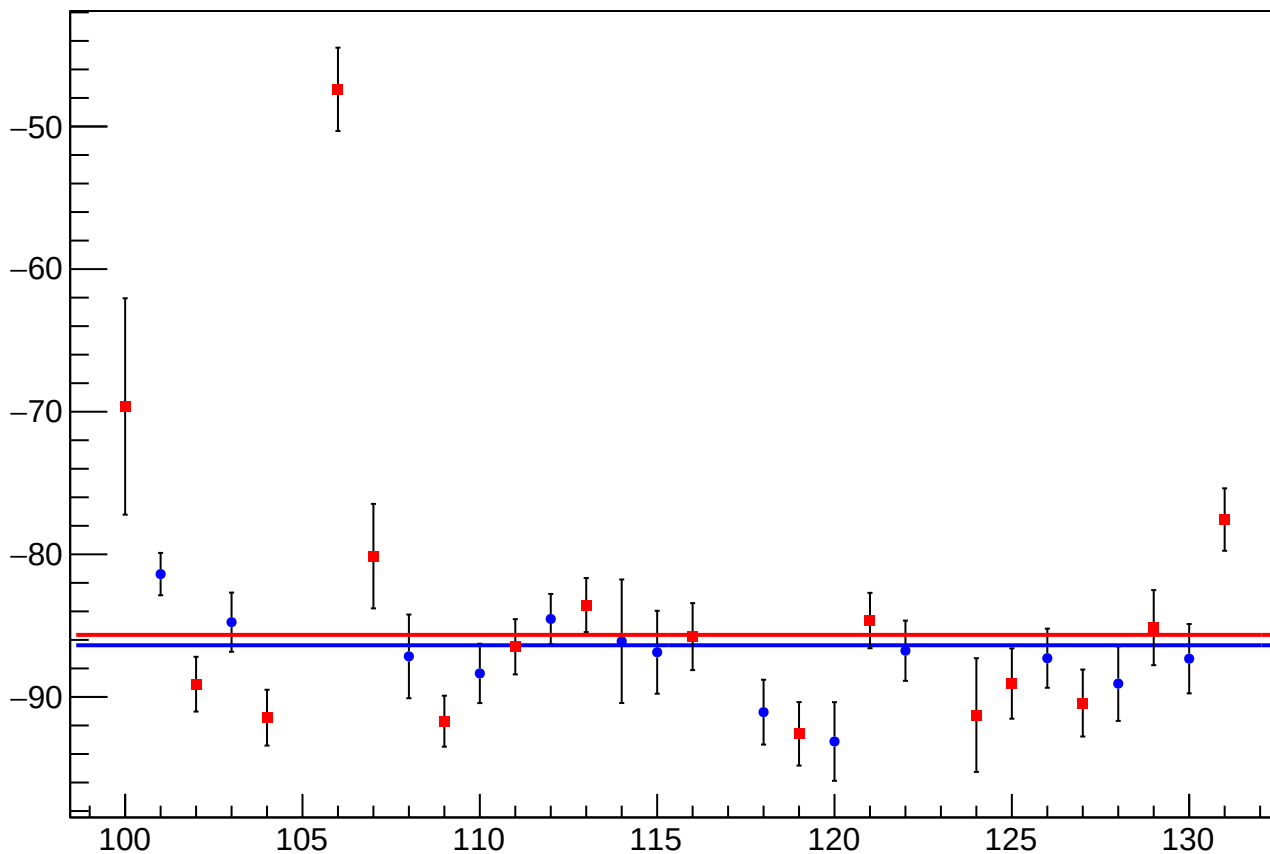
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.476 ± 0.394 χ^2/NDF : 1074.2/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -86.376 $\pm$ 0.617 χ^2 /NDF: 25.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -85.647 $\pm$ 0.576 χ^2 /NDF: 234.7/15

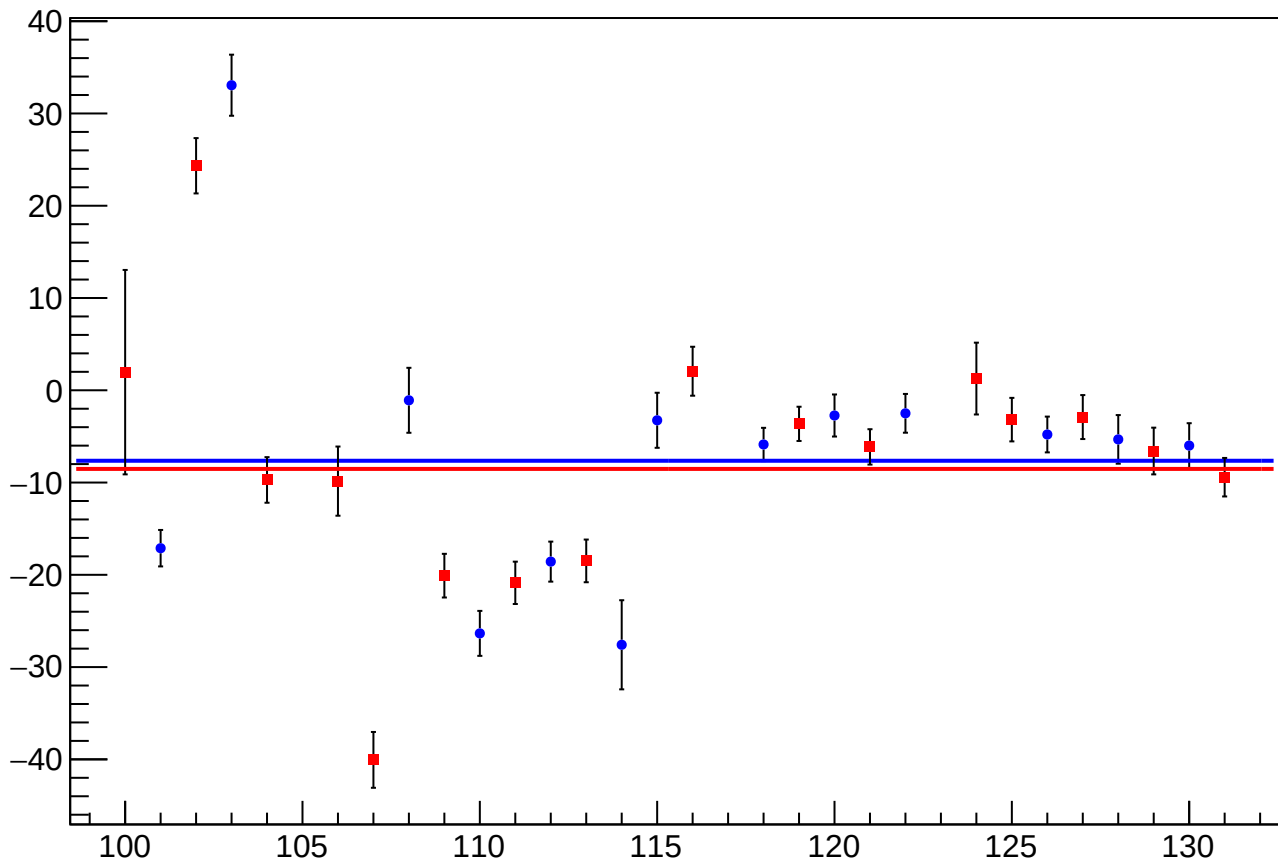
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -85.987 $\pm$ 0.421 χ^2 /NDF: 261.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -7.639+/-0.664 χ^2/NDF : 296.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.523+/-0.629 χ^2/NDF : 343.6/15

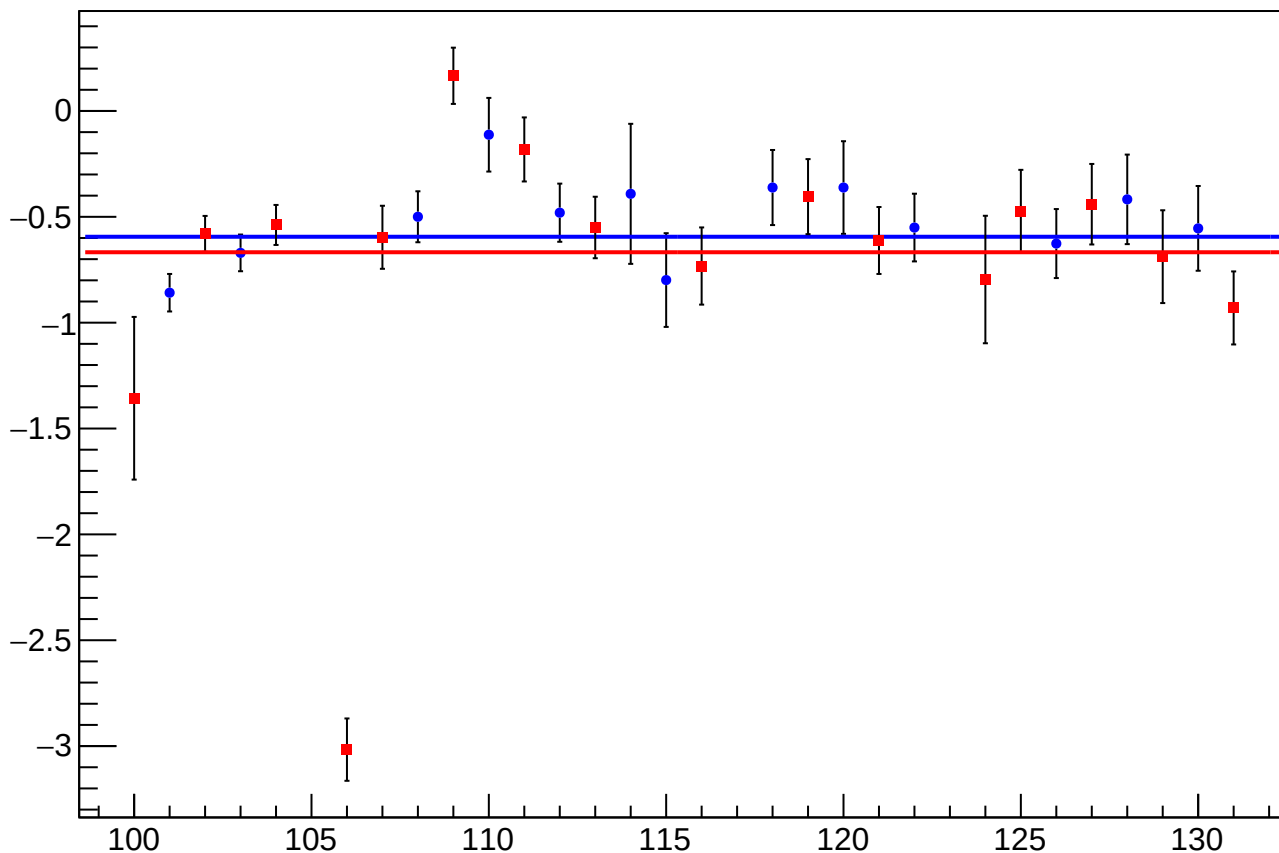
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.105+/-0.456 χ^2/NDF : 640.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.594 ± 0.040 χ^2/NDF : 23.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.667 ± 0.037 χ^2/NDF : 318.7/15

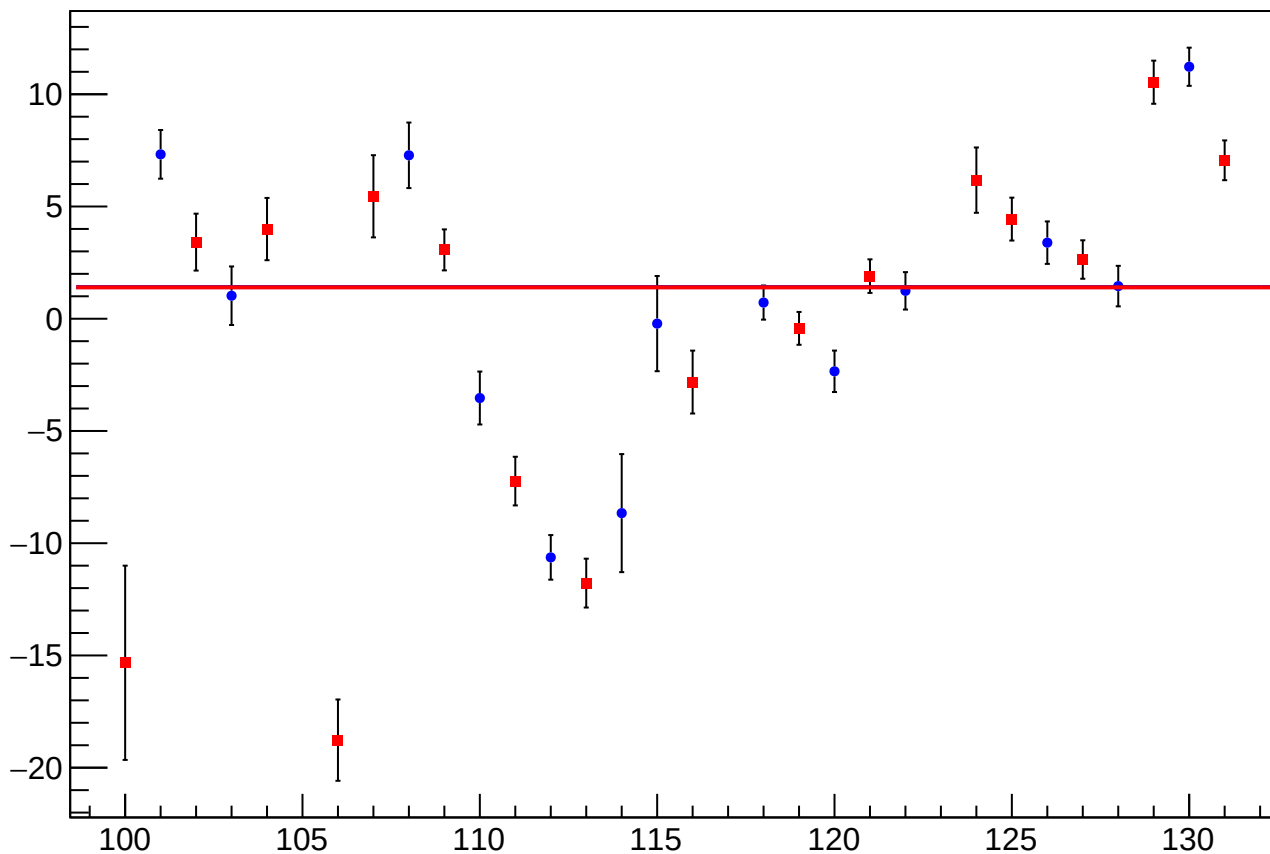
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.633 ± 0.027 χ^2/NDF : 344.0/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 1.410 $\pm$ 0.288 χ^2 /NDF: 380.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.399 $\pm$ 0.266 χ^2 /NDF: 533.2/15

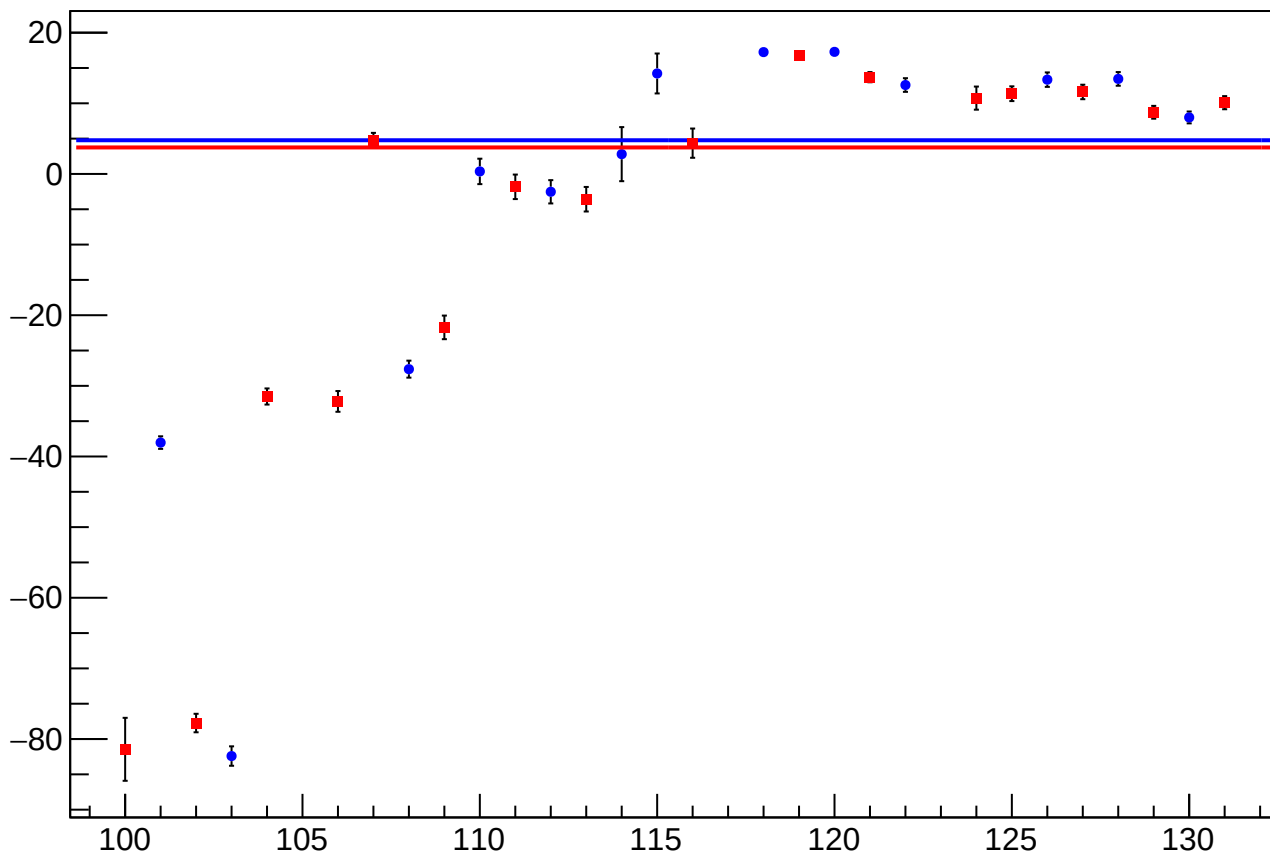
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.404 $\pm$ 0.195 χ^2 /NDF: 914.1/28

- 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: 4.770+/-0.254 χ^2/NDF : 8512.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.752+/-0.258 χ^2/NDF : 7208.2/15

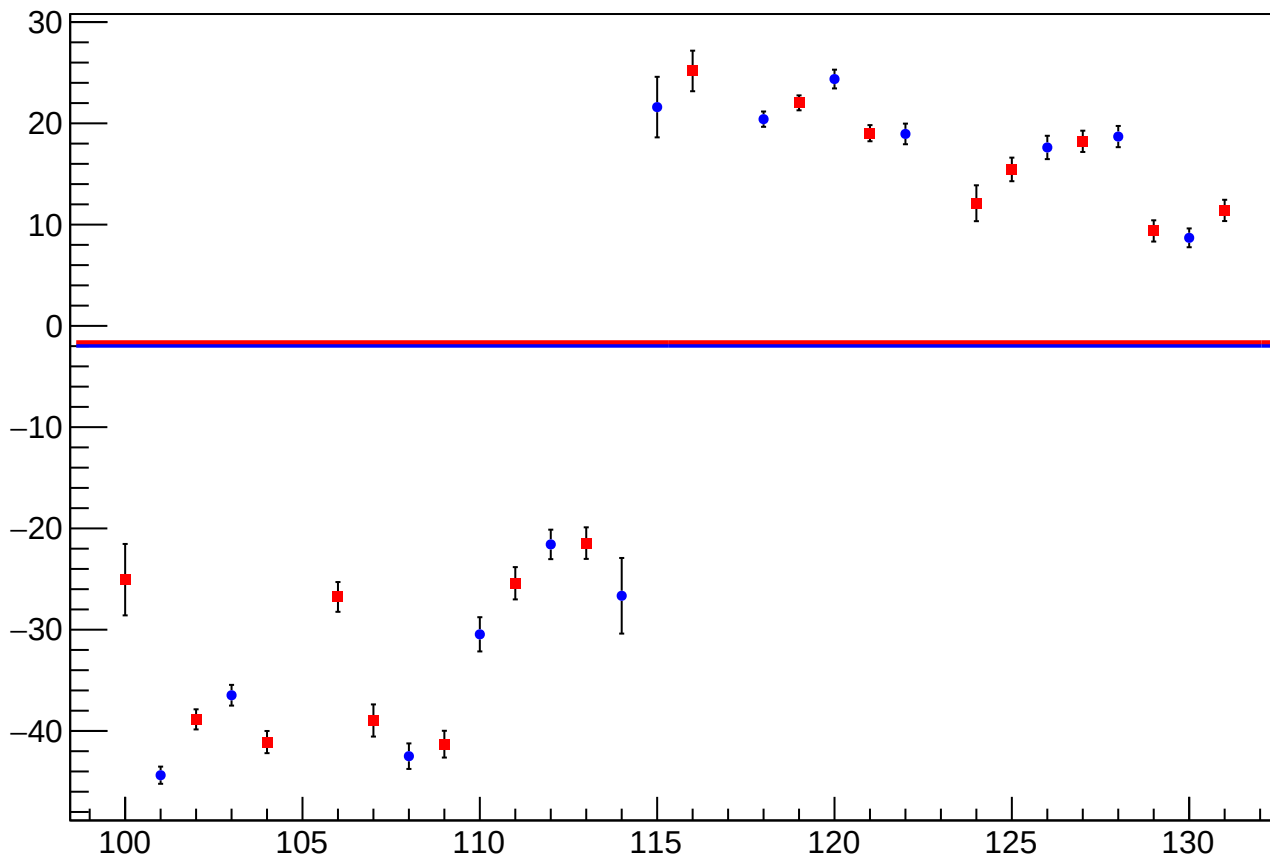
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.268+/-0.181 χ^2/NDF : 15729.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: -1.958 ± 0.306 χ^2/NDF : 8154.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.614 ± 0.294 χ^2/NDF : 7653.3/15

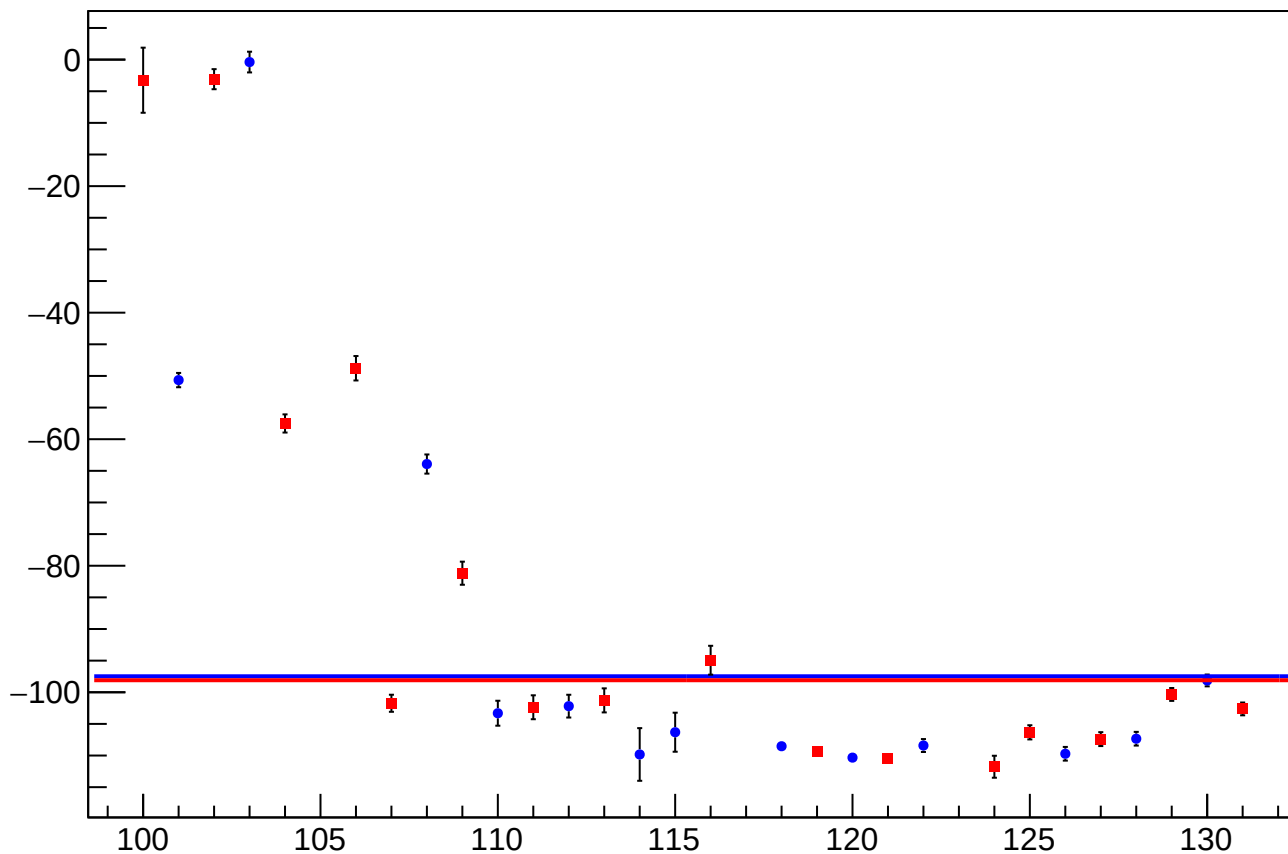
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.778 ± 0.212 χ^2/NDF : 15808.4/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -97.474 $\pm$ 0.307 χ^2 /NDF: 6694.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -98.098 $\pm$ 0.301 χ^2 /NDF: 6283.0/15

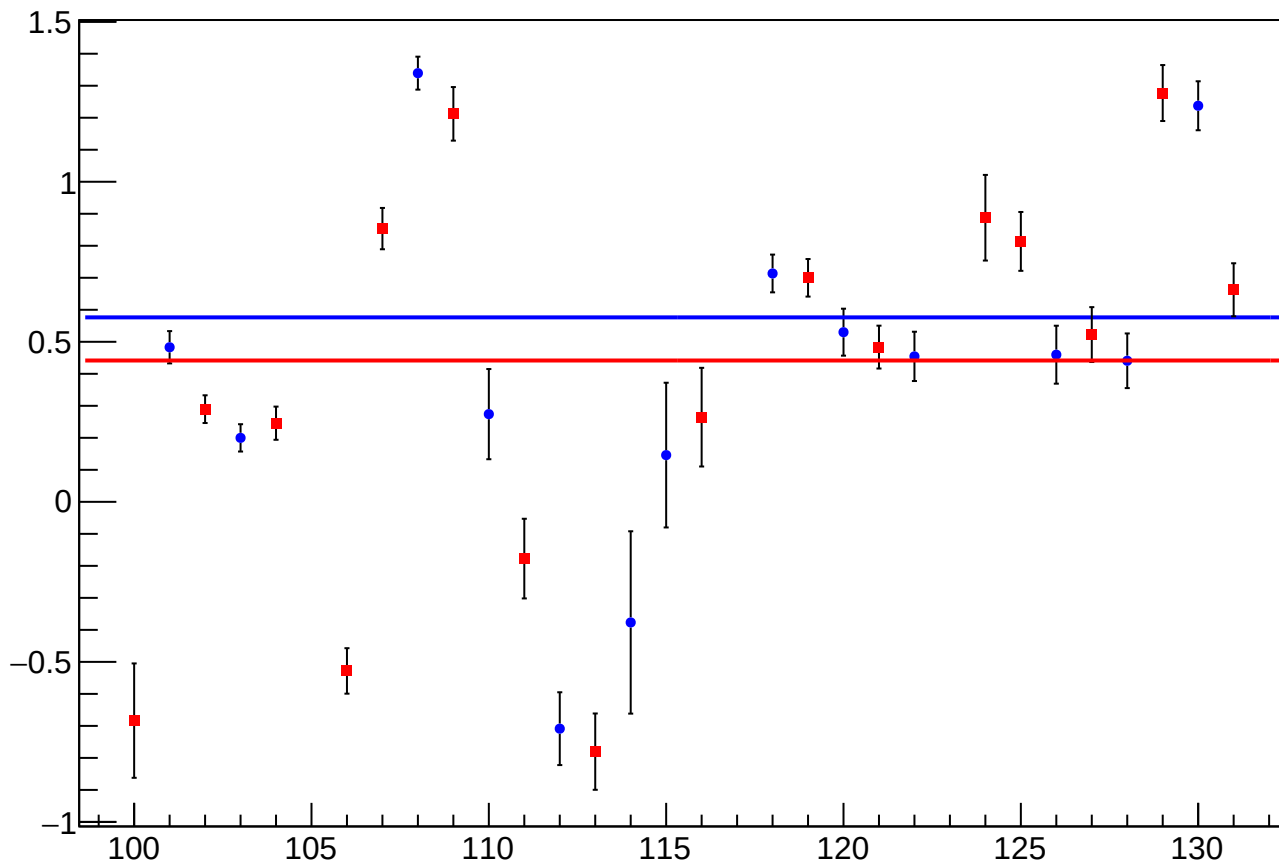
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -97.791 $\pm$ 0.215 χ^2 /NDF: 12979.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.576 $\pm$ 0.020 χ^2 /NDF: 535.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.442 $\pm$ 0.019 χ^2 /NDF: 655.8/15

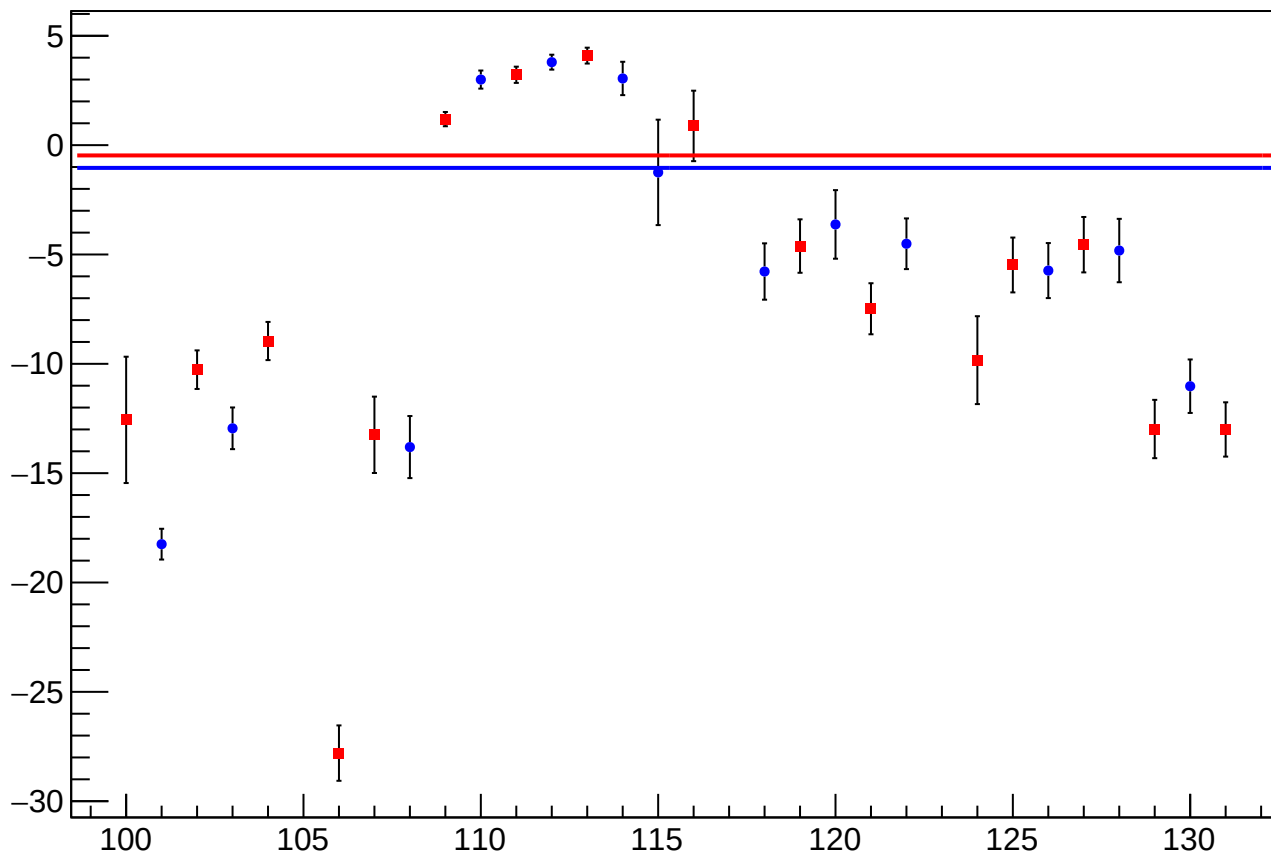
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.506 $\pm$ 0.014 χ^2 /NDF: 1214.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



Right In: -1.040 ± 0.206 χ^2/NDF : 1272.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.470 ± 0.176 χ^2/NDF : 1323.7/15

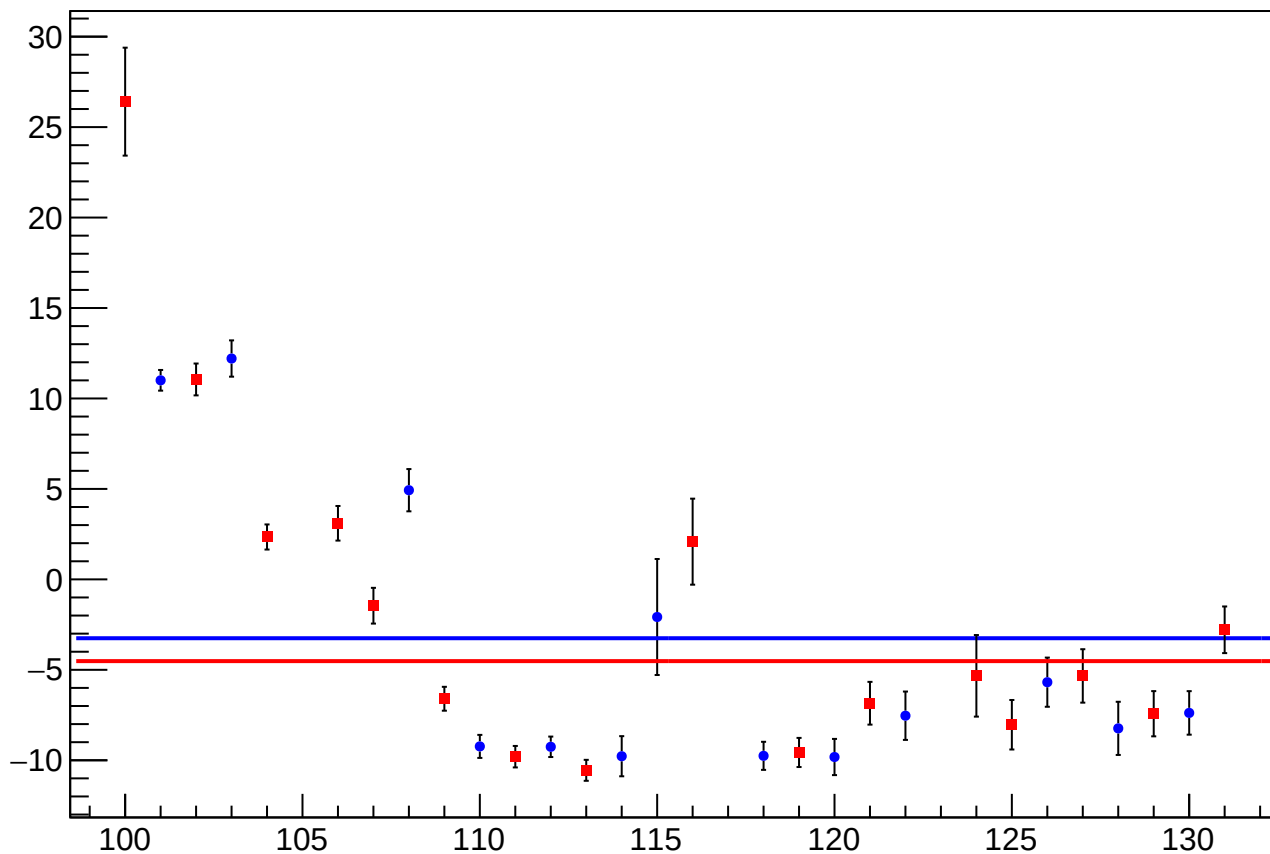
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.710 ± 0.134 χ^2/NDF : 2600.5/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: -3.254 ± 0.248 χ^2/NDF : 1294.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.519 ± 0.232 χ^2/NDF : 854.0/15

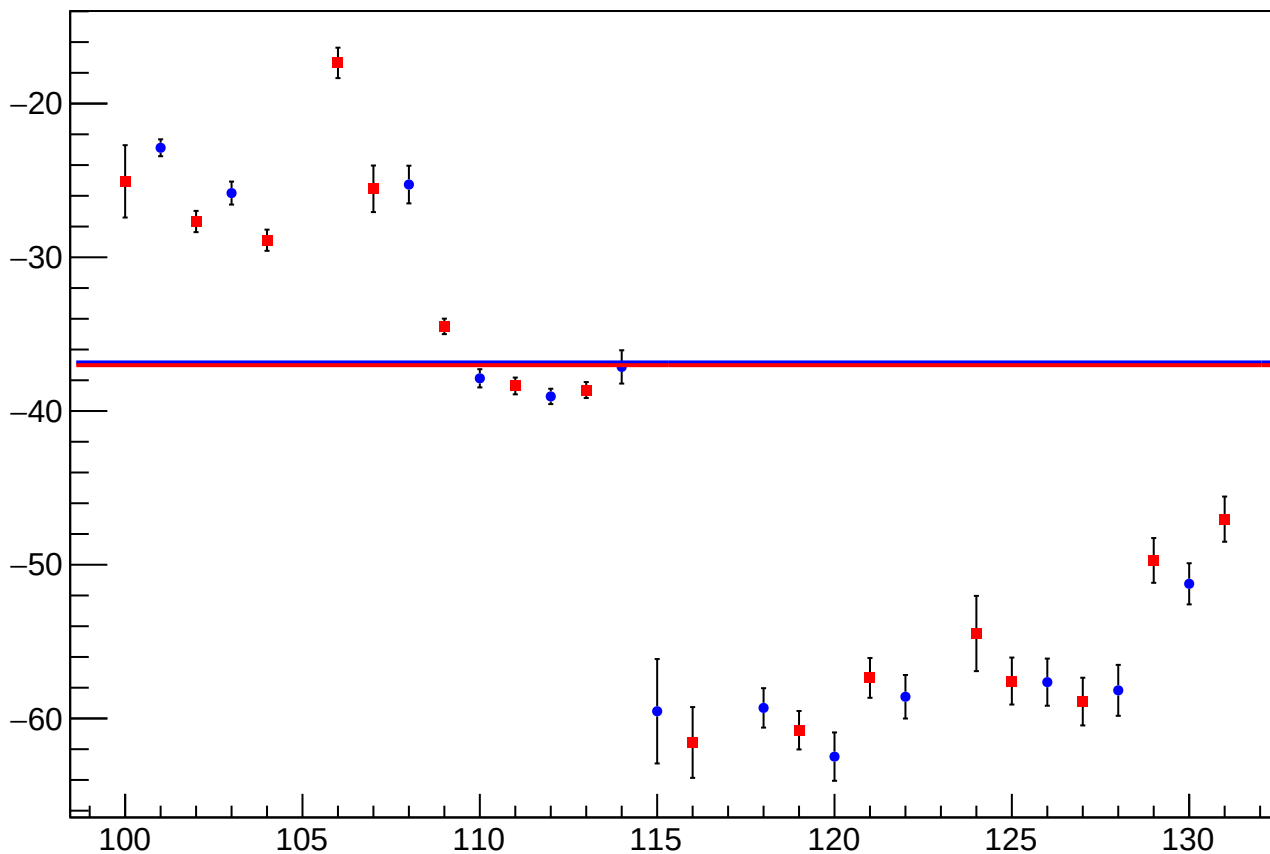
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.929 ± 0.170 χ^2/NDF : 2162.0/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



Right In: -36.840 ± 0.247 χ^2/NDF : 2291.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -37.018 ± 0.222 χ^2/NDF : 2115.1/15

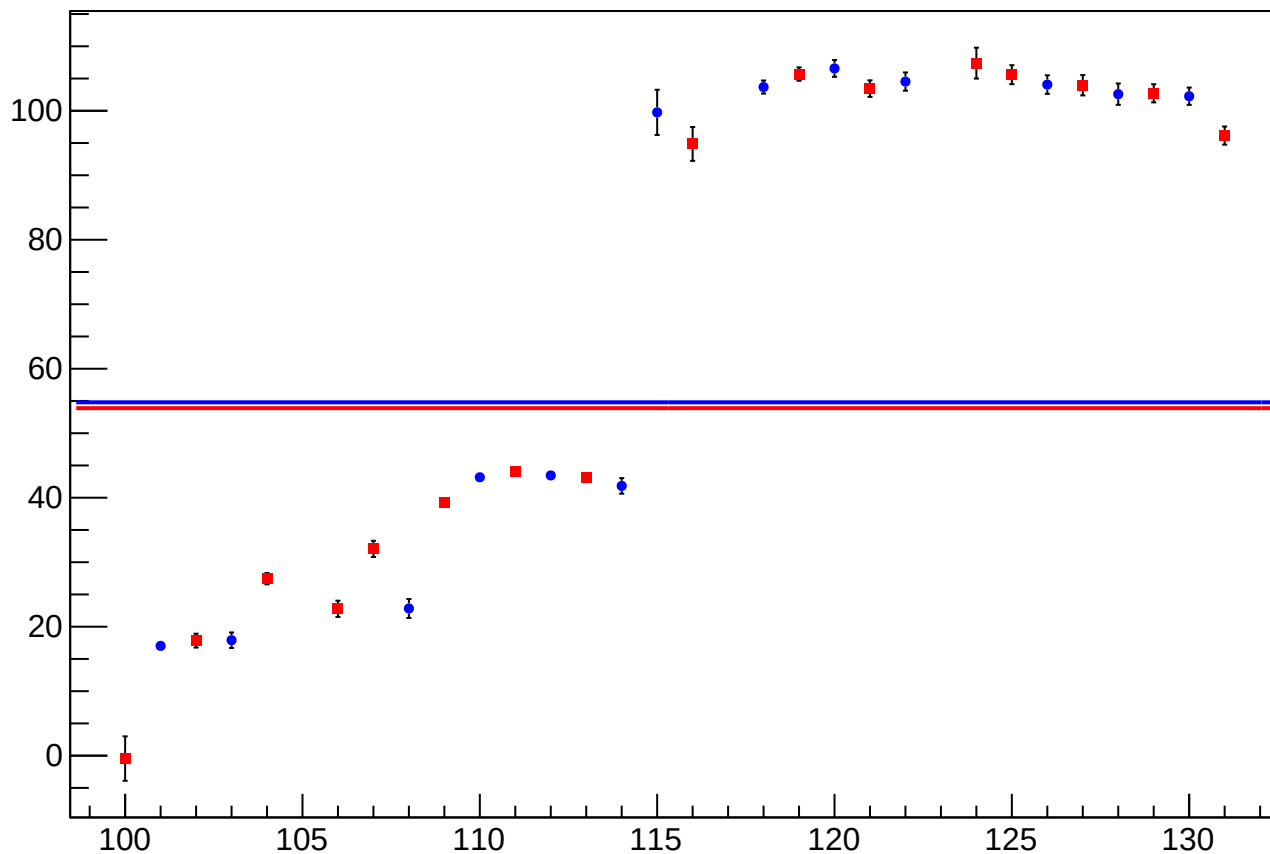
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.938 ± 0.165 χ^2/NDF : 4406.9/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 54.793+/-0.289 χ^2/NDF : 13404.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.883+/-0.265 χ^2/NDF : 13264.1/15

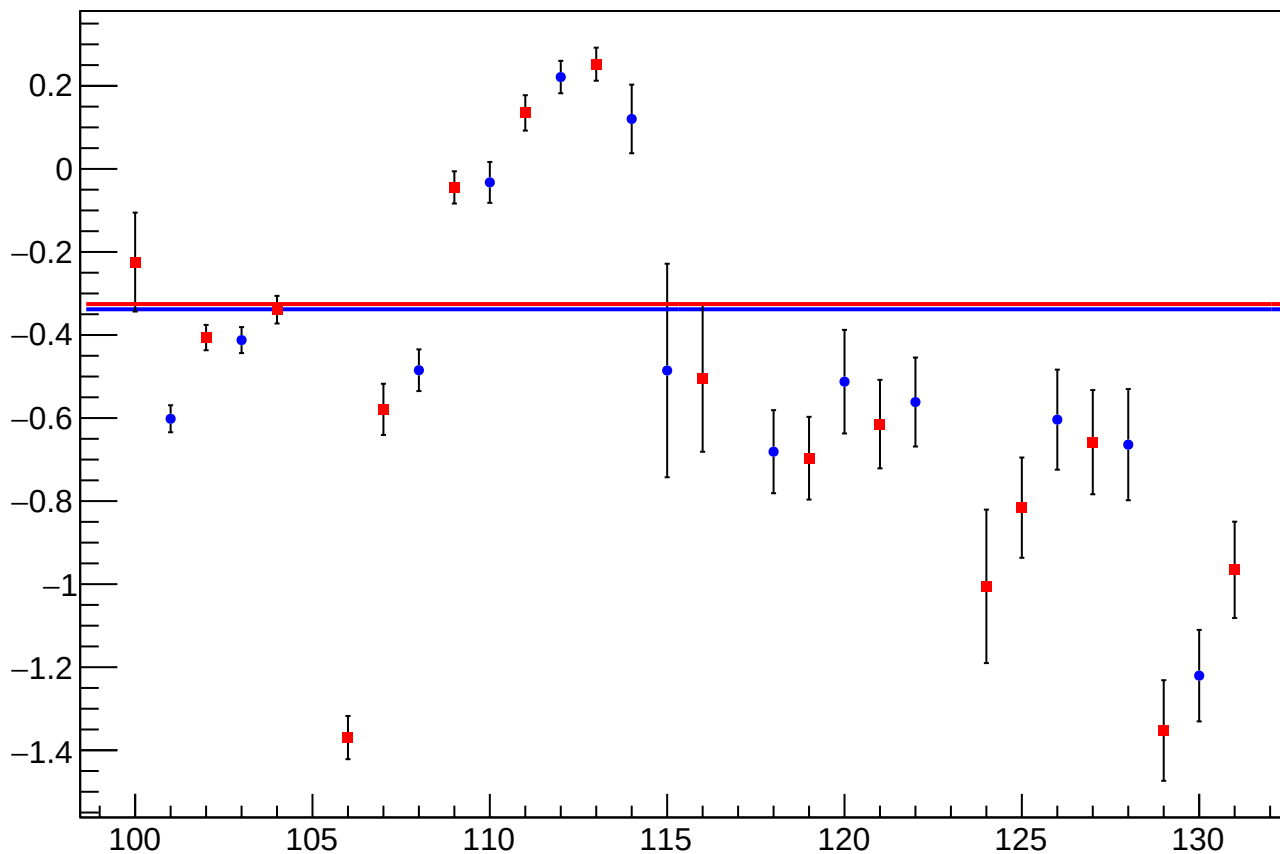
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.299+/-0.195 χ^2/NDF : 26674.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



Right In: -0.338 ± 0.016 χ^2/NDF : 447.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.326 ± 0.014 χ^2/NDF : 968.9/15

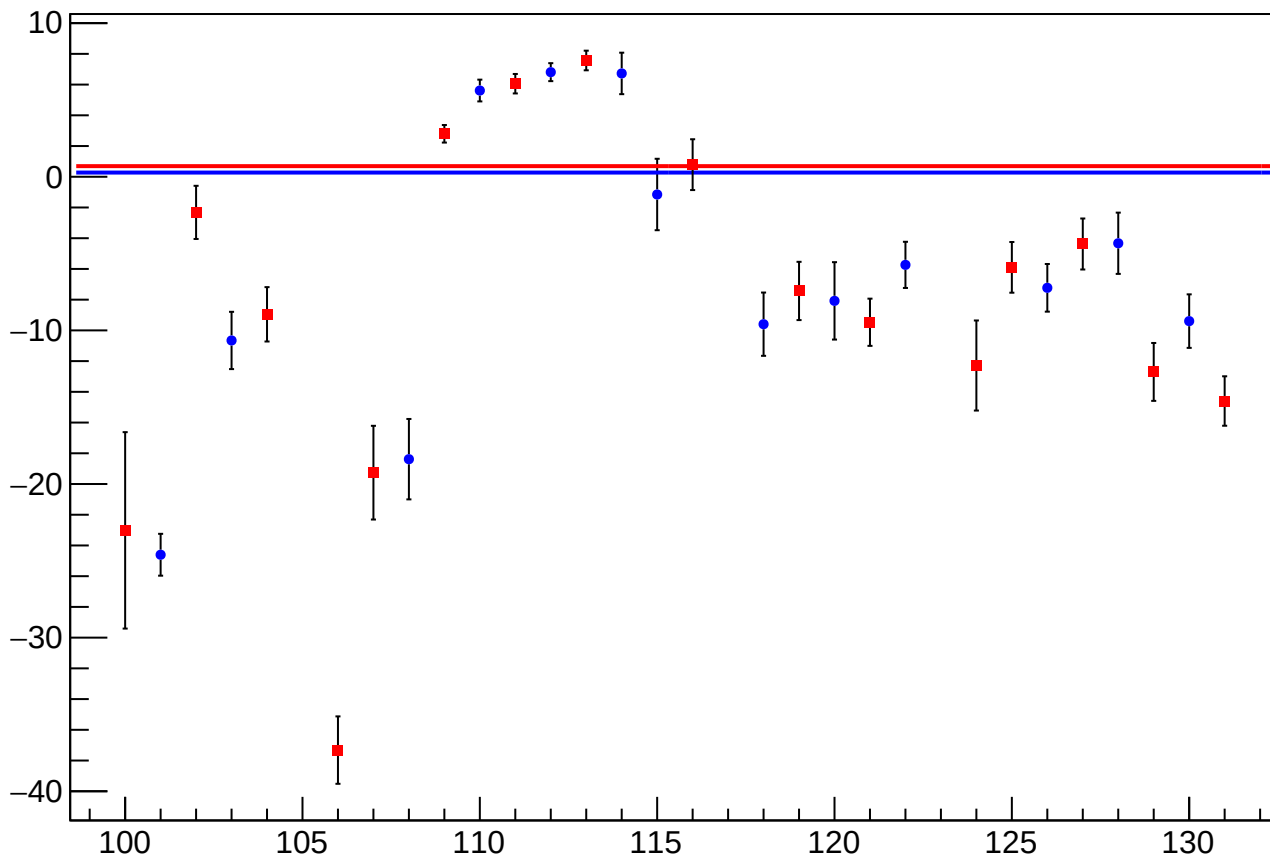
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.331 ± 0.010 χ^2/NDF : 1416.8/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



Right In: 0.273+/-0.344 χ^2/NDF : 733.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.691+/-0.294 χ^2/NDF : 838.5/15

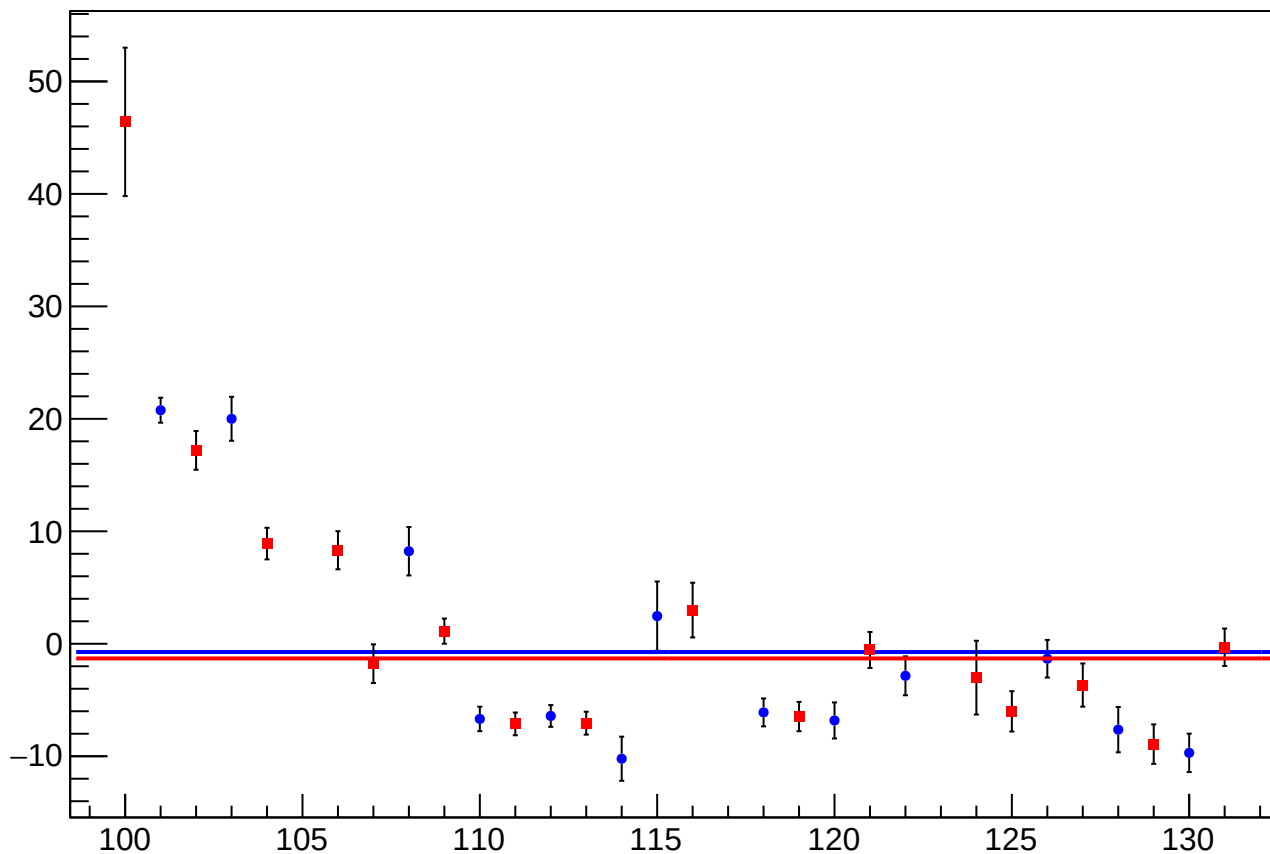
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.515+/-0.223 χ^2/NDF : 1572.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: -0.735 ± 0.412 χ^2/NDF : 667.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.304 ± 0.383 χ^2/NDF : 369.2/15

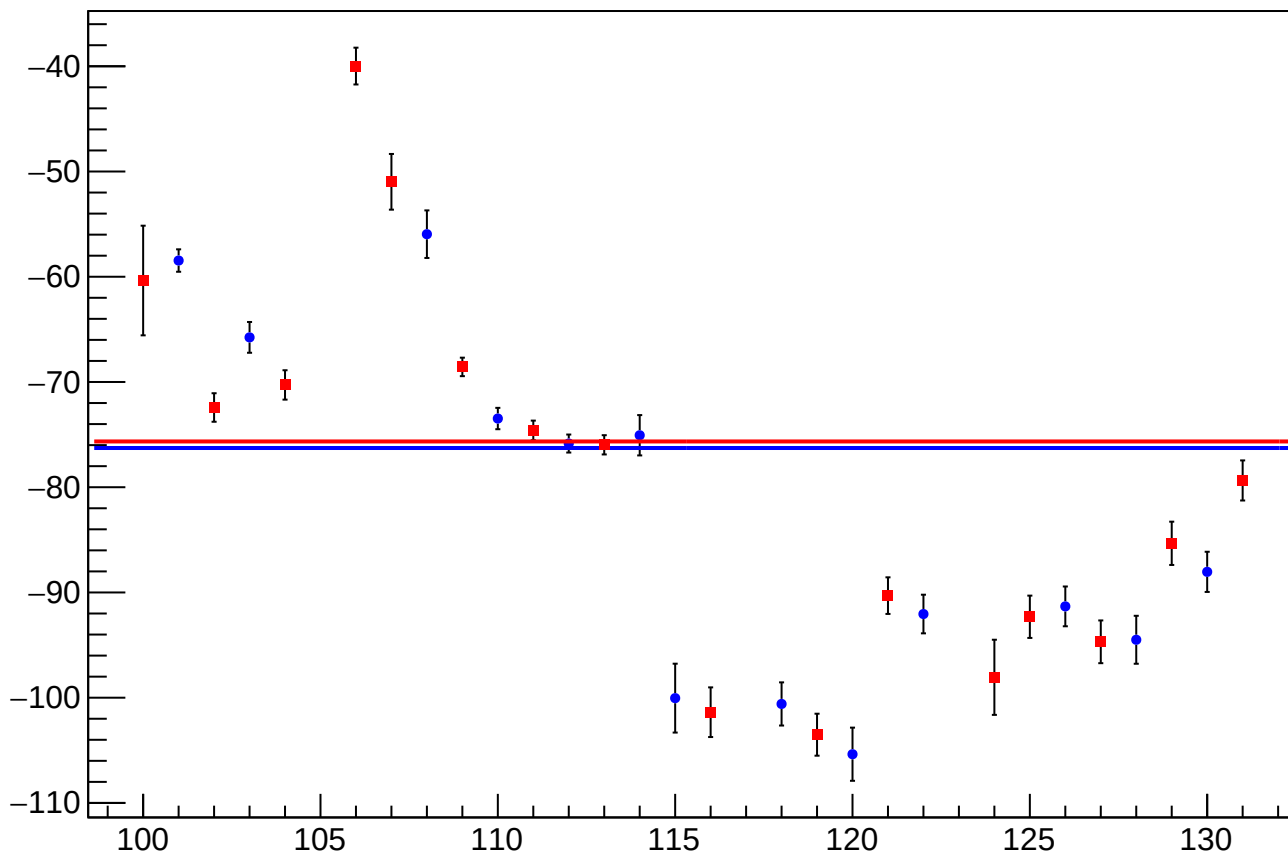
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.040 ± 0.281 χ^2/NDF : 1037.7/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



Right In: -76.274+/-0.419 χ^2/NDF : 985.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -75.651+/-0.377 χ^2/NDF : 1205.7/15

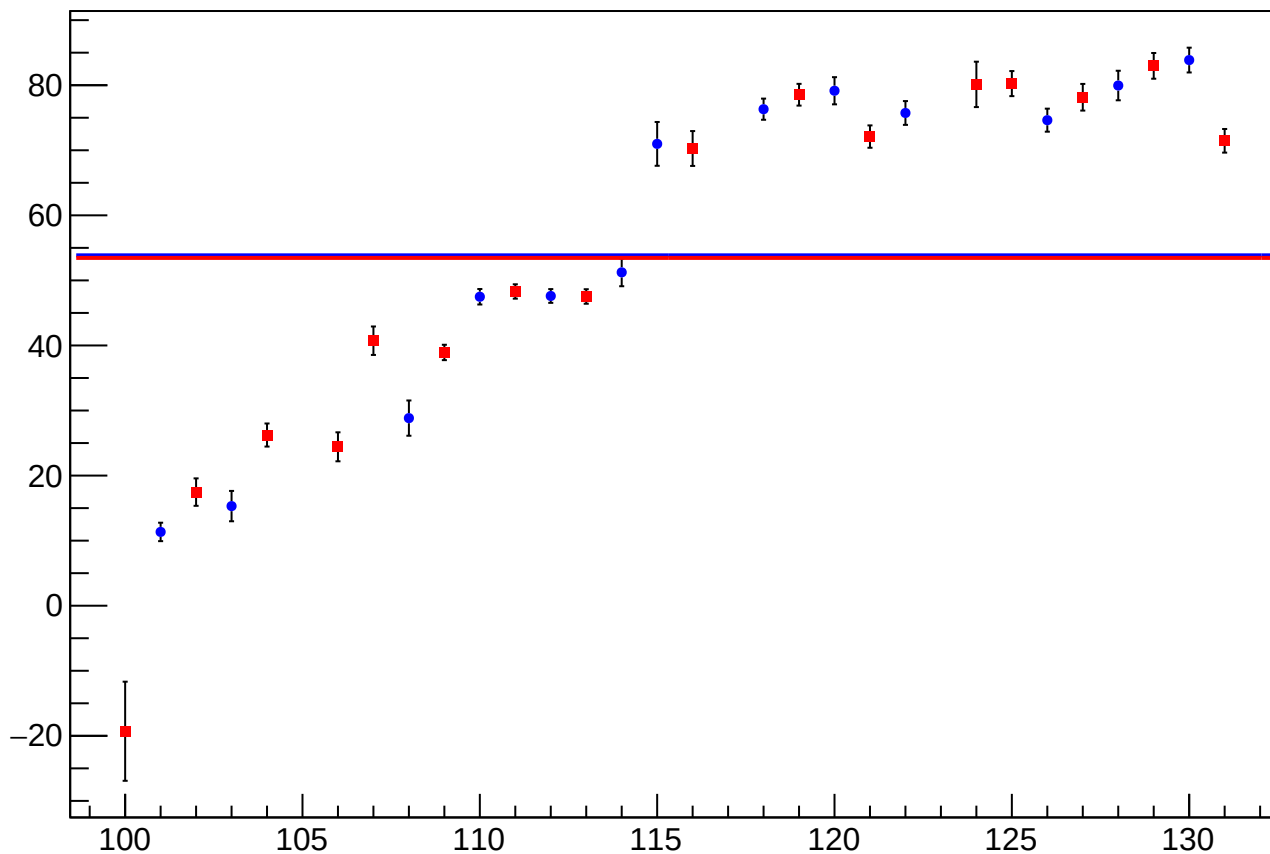
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -75.929+/-0.280 χ^2/NDF : 2192.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 53.851 $\pm$ 0.476 χ^2 /NDF: 2348.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 53.457 $\pm$ 0.435 χ^2 /NDF: 2123.6/15

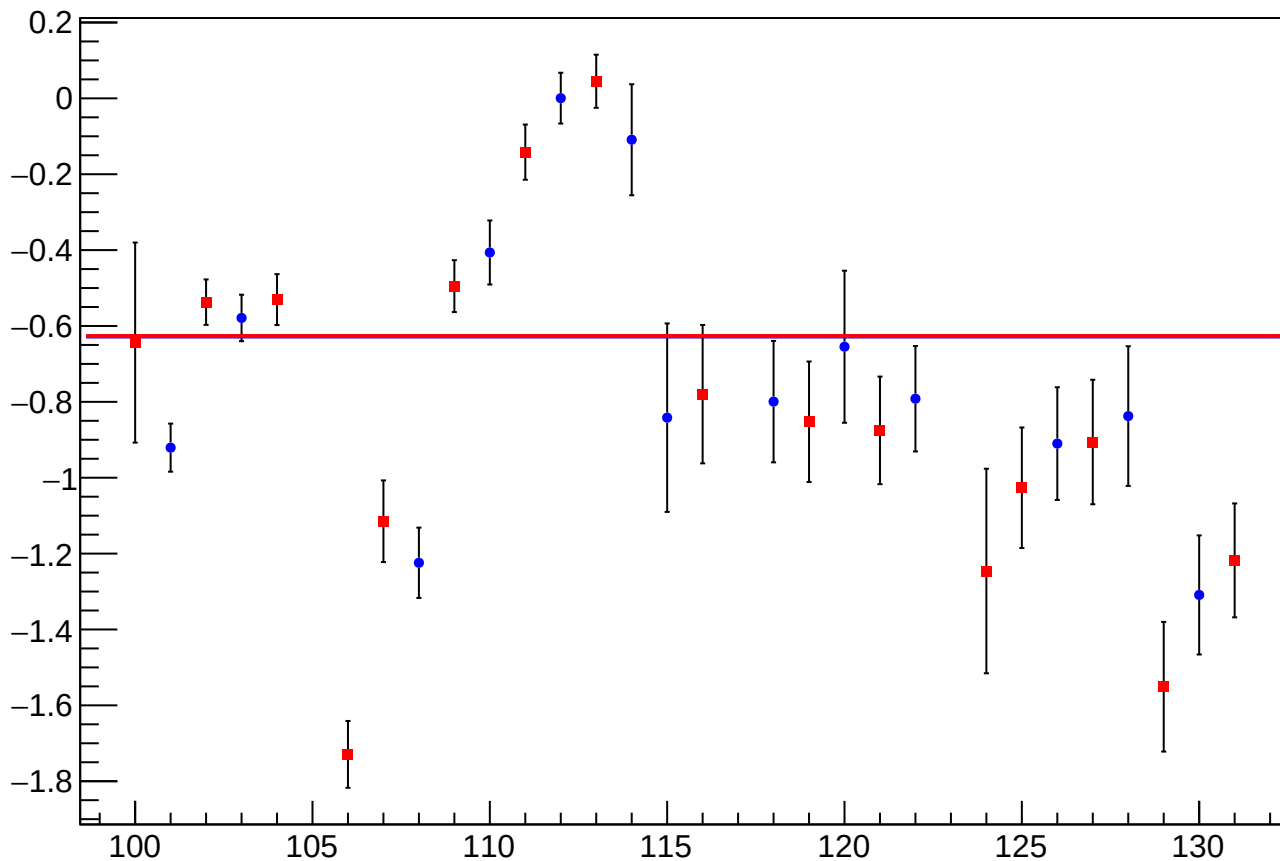
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 53.636 $\pm$ 0.321 χ^2 /NDF: 4472.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: -0.628 ± 0.028 χ^2/NDF : 198.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.627 ± 0.025 χ^2/NDF : 386.8/15

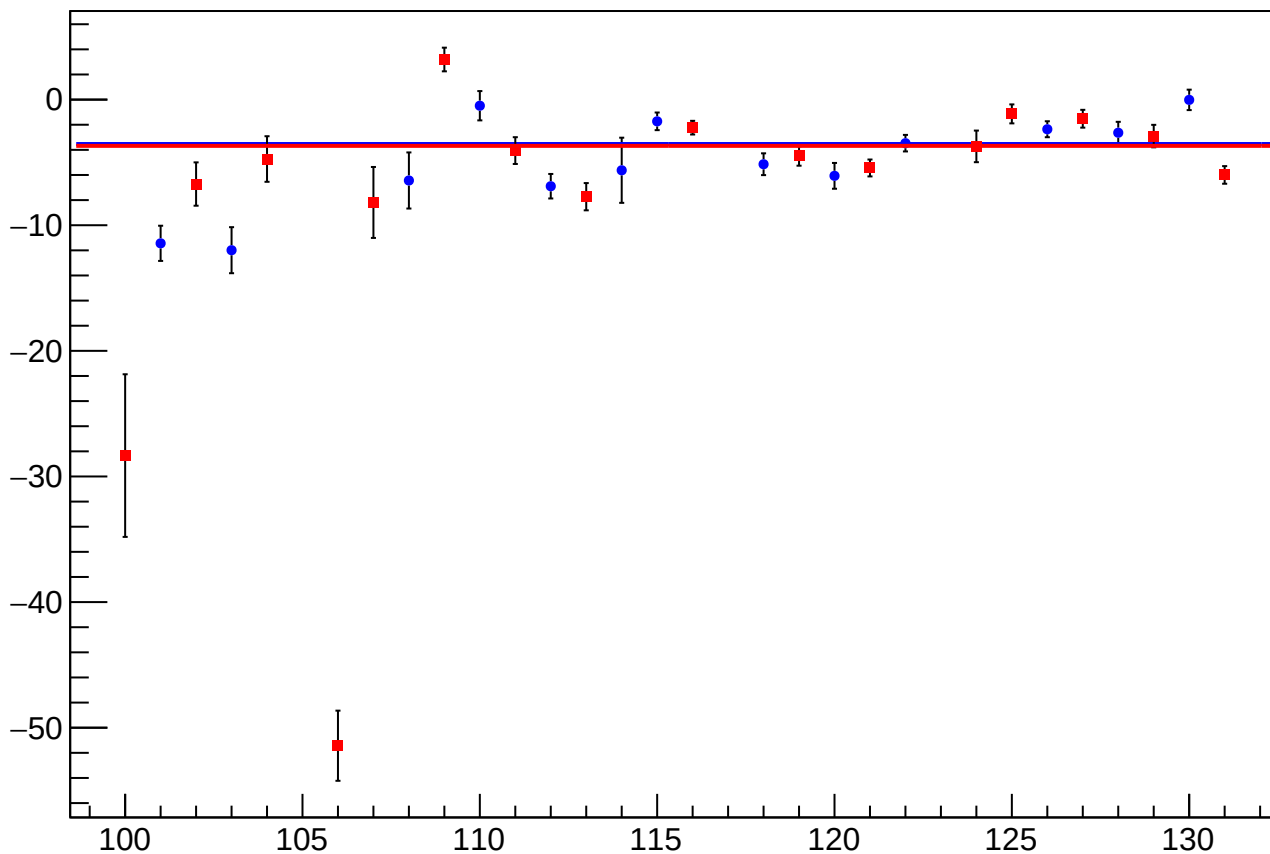
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.627 ± 0.019 χ^2/NDF : 584.8/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: -3.537 $\pm$ 0.259 χ^2 /NDF: 113.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.681 $\pm$ 0.231 χ^2 /NDF: 427.6/15

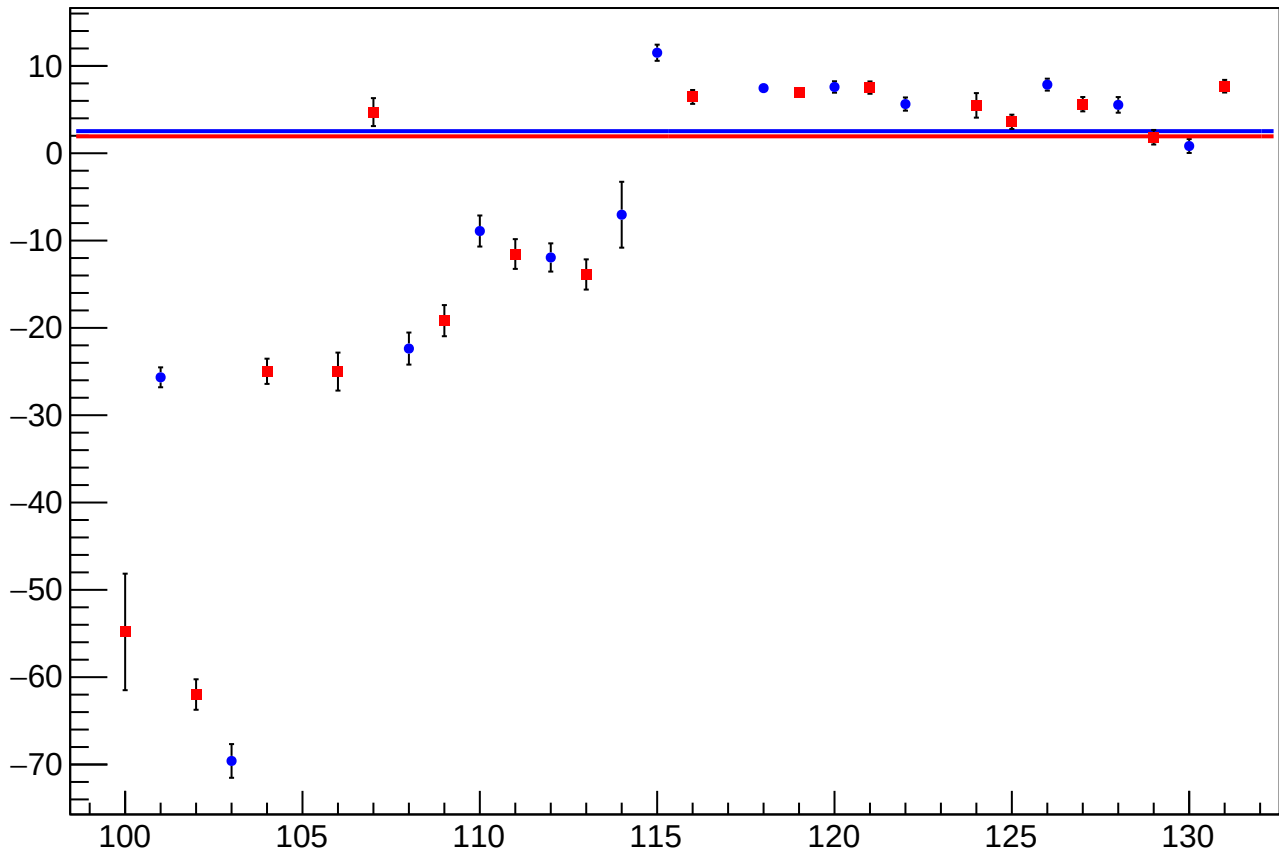
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.617 $\pm$ 0.173 χ^2 /NDF: 541.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 2.532 $\pm$ 0.250 χ^2 /NDF: 2654.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.937 $\pm$ 0.248 χ^2 /NDF: 2479.6/15

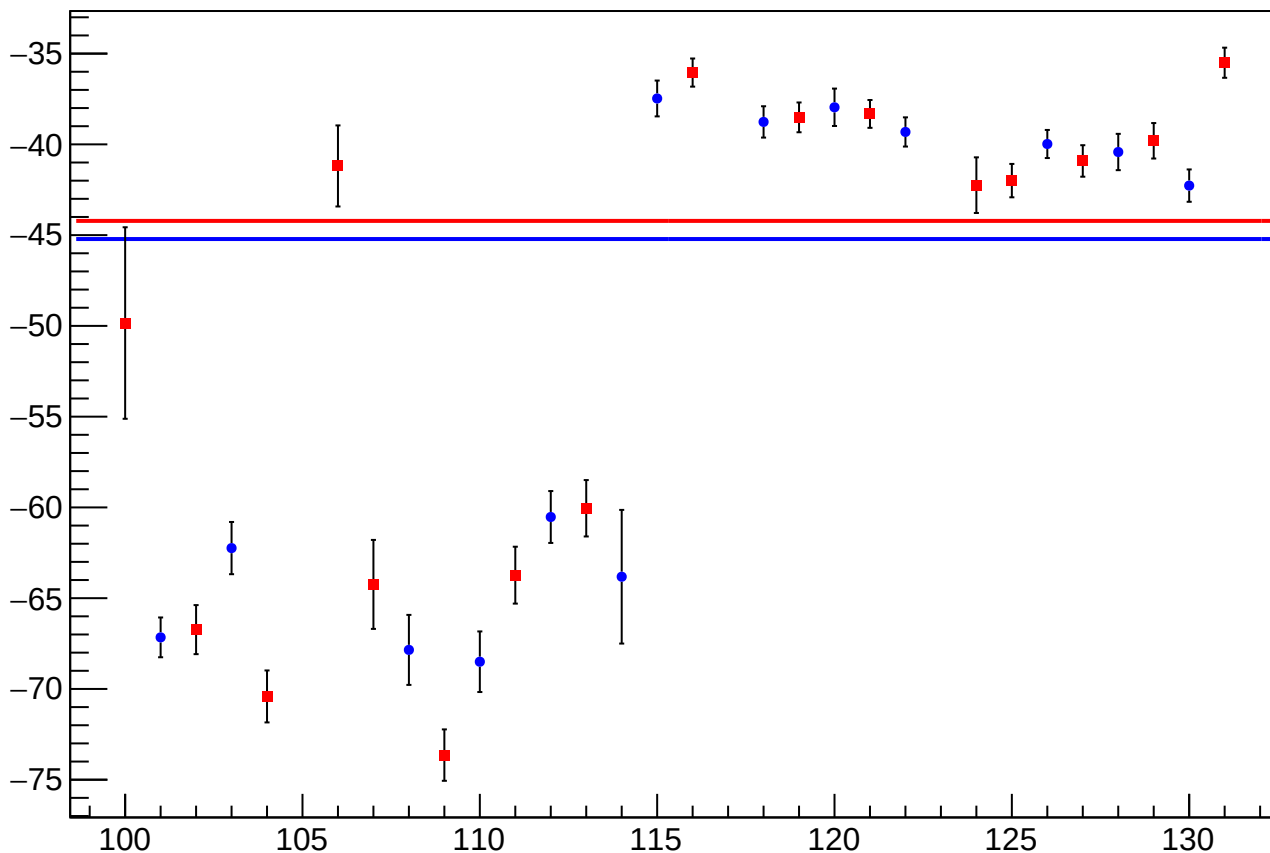
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.232 $\pm$ 0.176 χ^2 /NDF: 5137.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



Right In: -45.215 $\pm$ 0.298 χ^2 /NDF: 1314.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -44.216 $\pm$ 0.277 χ^2 /NDF: 1744.7/15

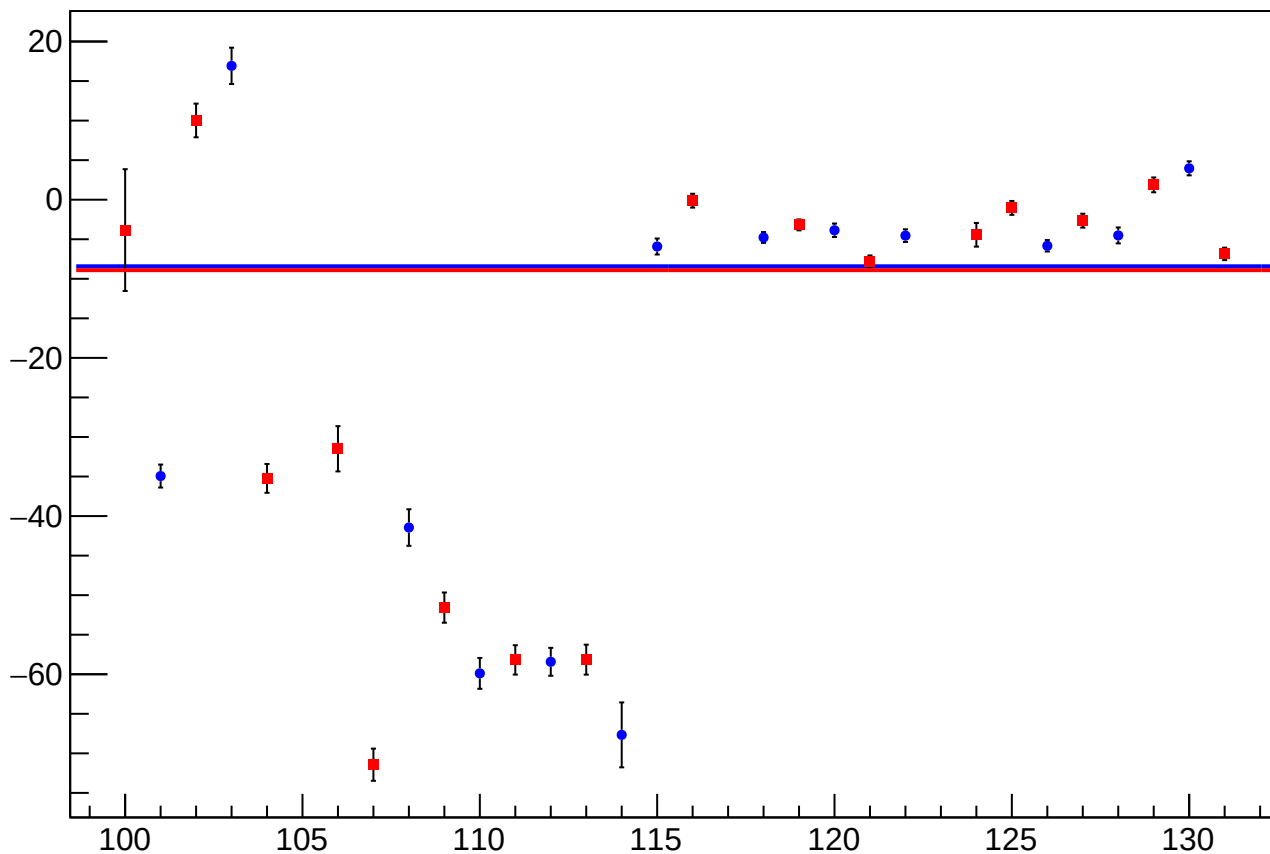
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -44.680 $\pm$ 0.203 χ^2 /NDF: 3064.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: -8.420+/-0.292 χ^2 /NDF: 2674.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -8.908+/-0.281 χ^2 /NDF: 3623.2/15

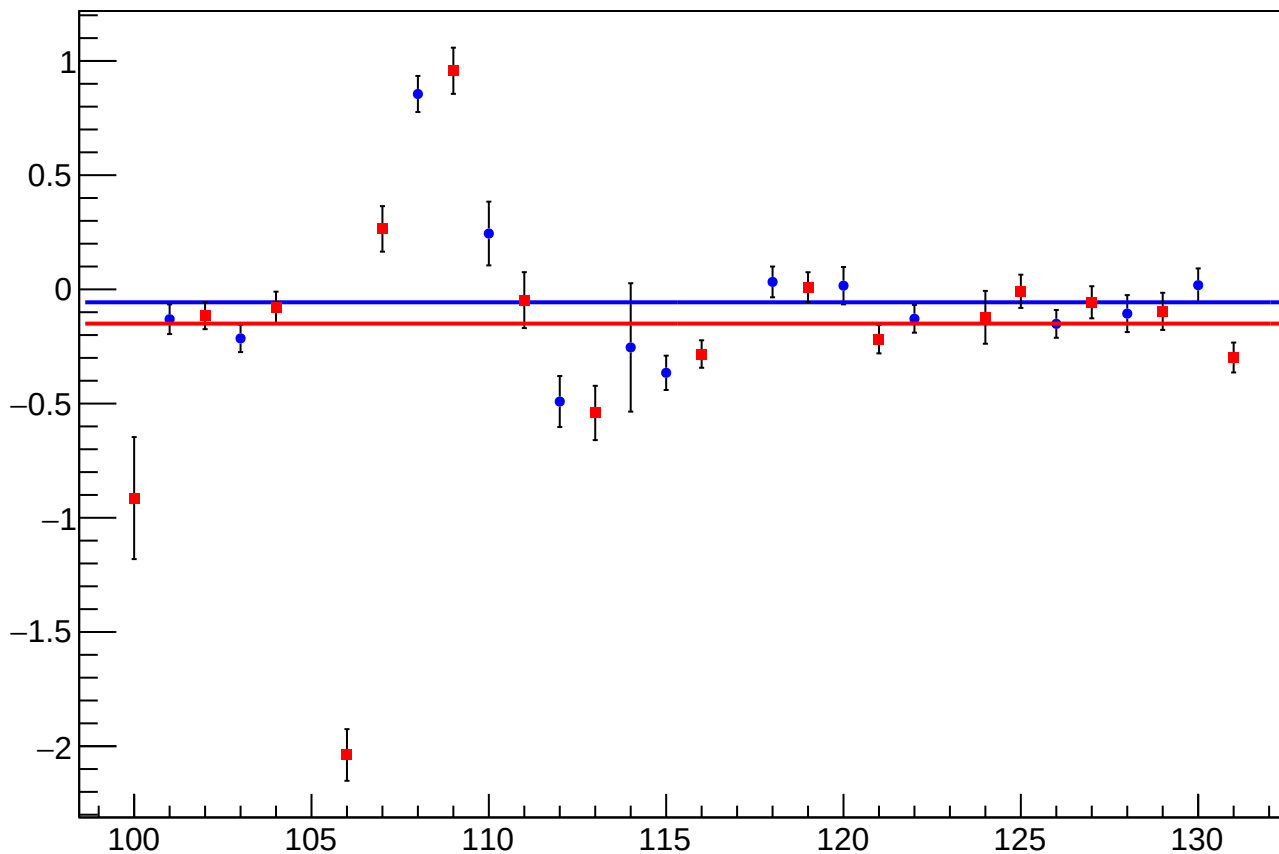
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -8.674+/-0.203 χ^2 /NDF: 6298.8/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: -0.057 ± 0.021 χ^2/NDF : 186.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.150 ± 0.020 χ^2/NDF : 460.5/15

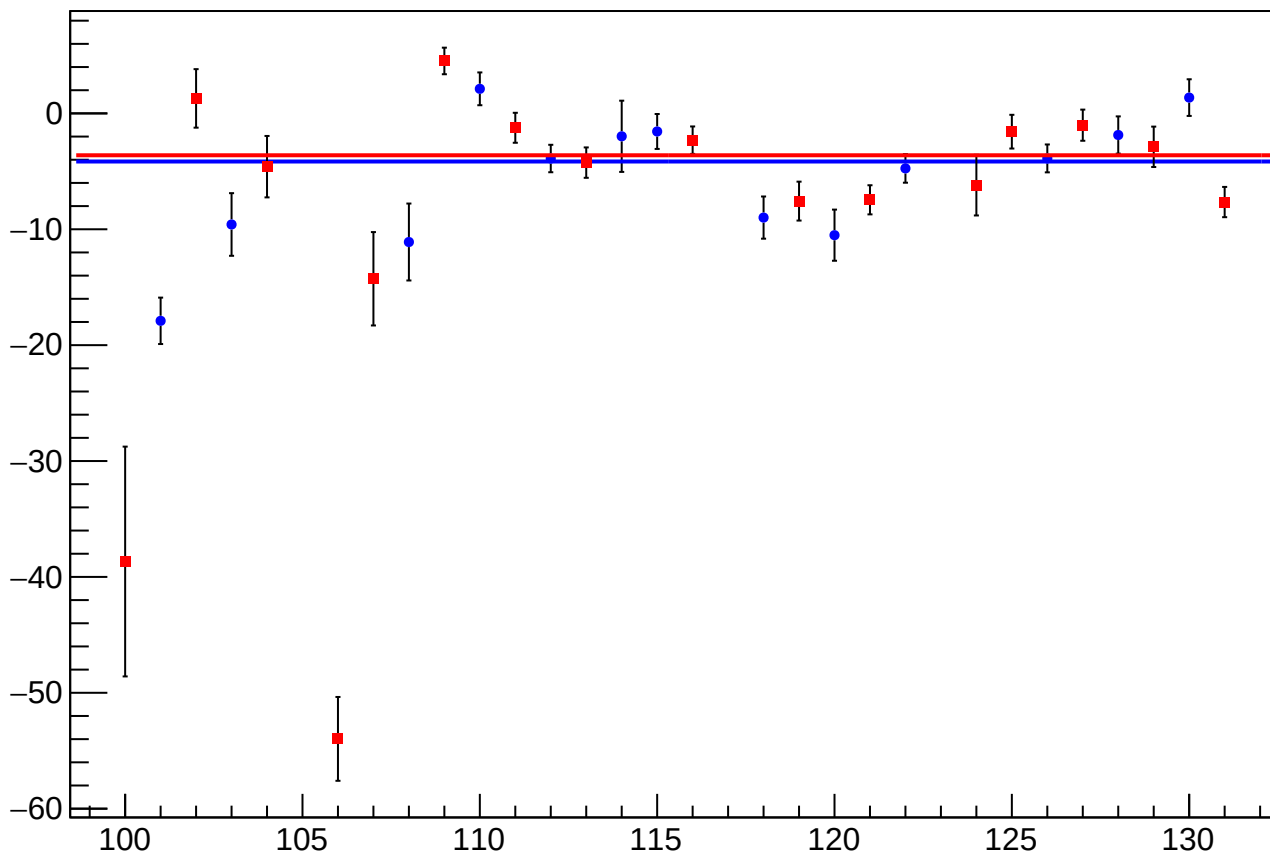
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.106 ± 0.014 χ^2/NDF : 657.1/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: -4.152 ± 0.453 χ^2/NDF : 108.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.614 ± 0.402 χ^2/NDF : 303.8/15

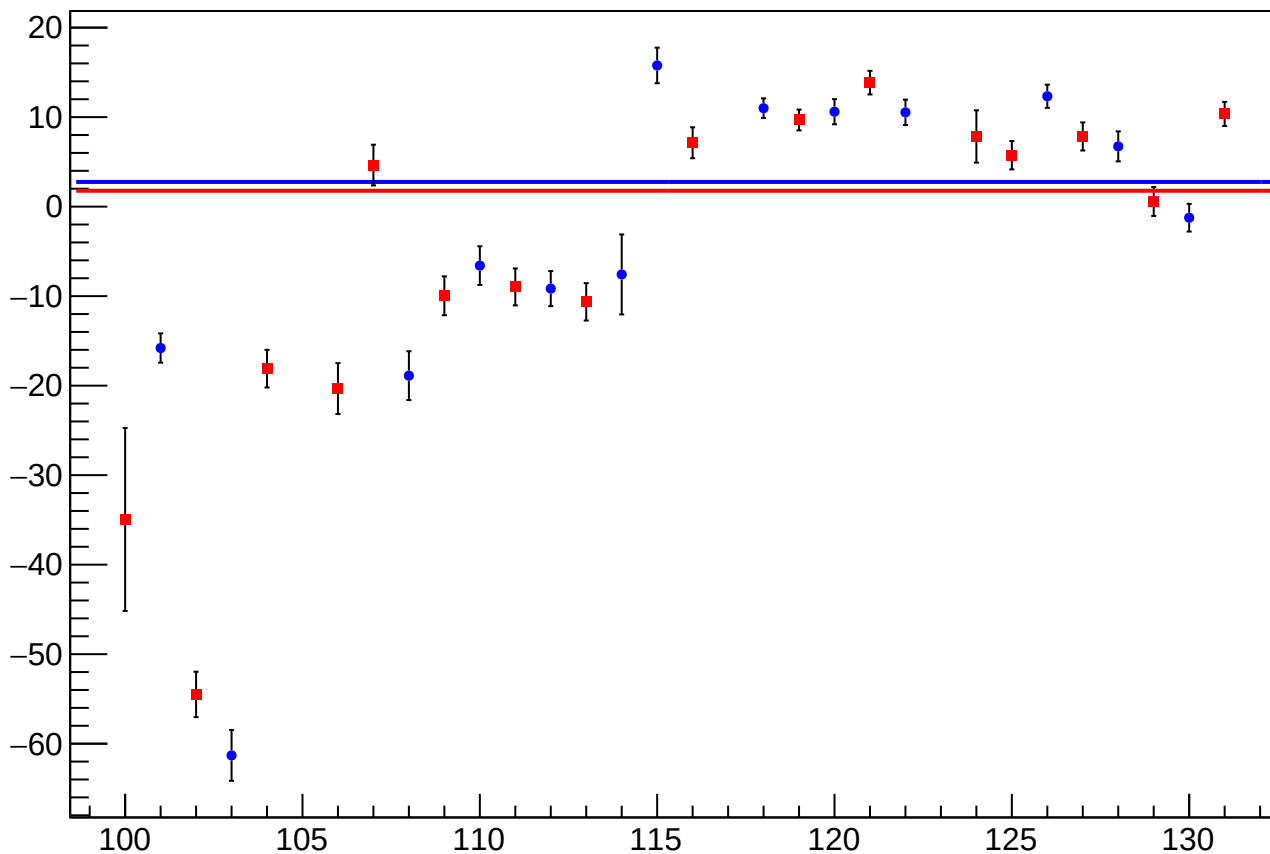
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.851 ± 0.301 χ^2/NDF : 413.1/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 2.760 $\pm$ 0.466 χ^2 /NDF: 988.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.776 $\pm$ 0.452 χ^2 /NDF: 954.6/15

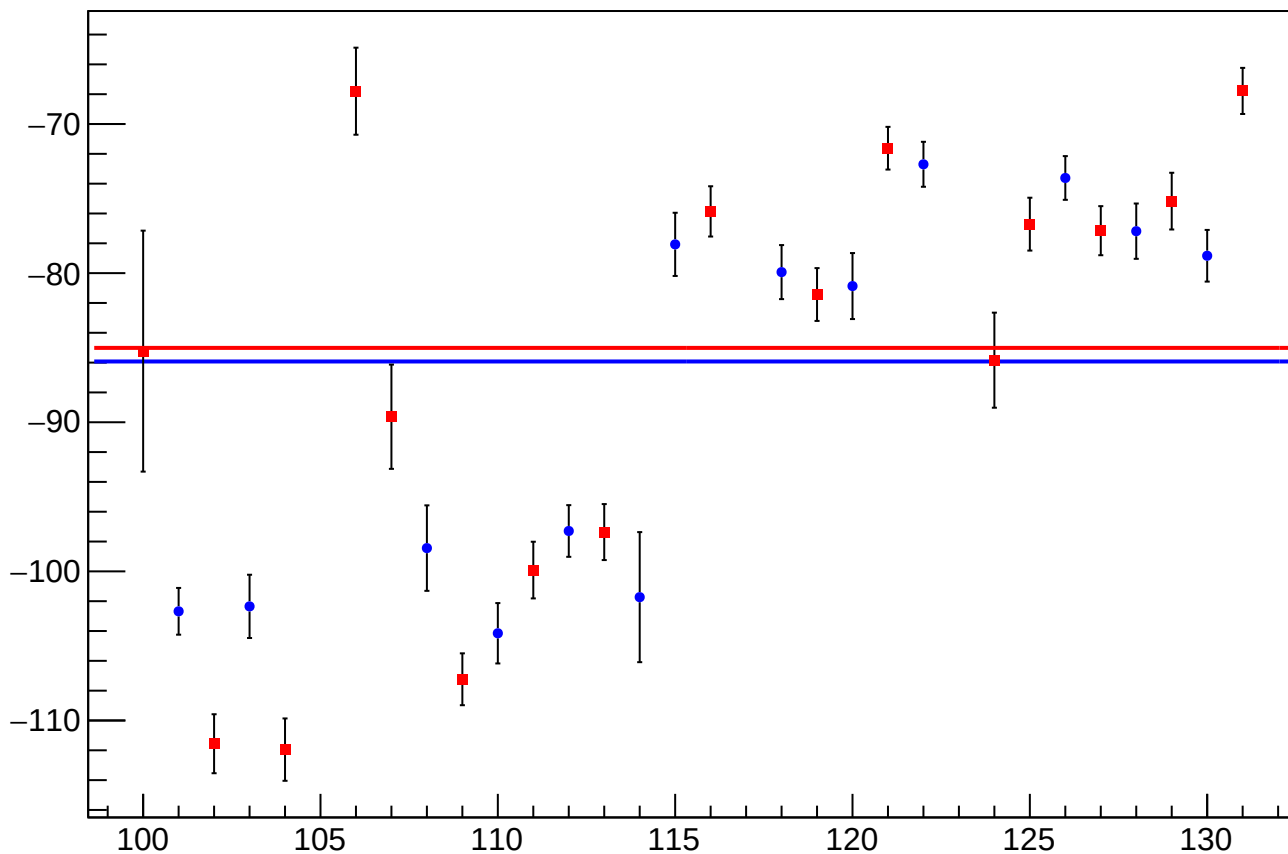
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.254 $\pm$ 0.324 χ^2 /NDF: 1945.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



Right In: -85.924 ± 0.524 χ^2/NDF : 546.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -85.013 ± 0.486 χ^2/NDF : 967.6/15

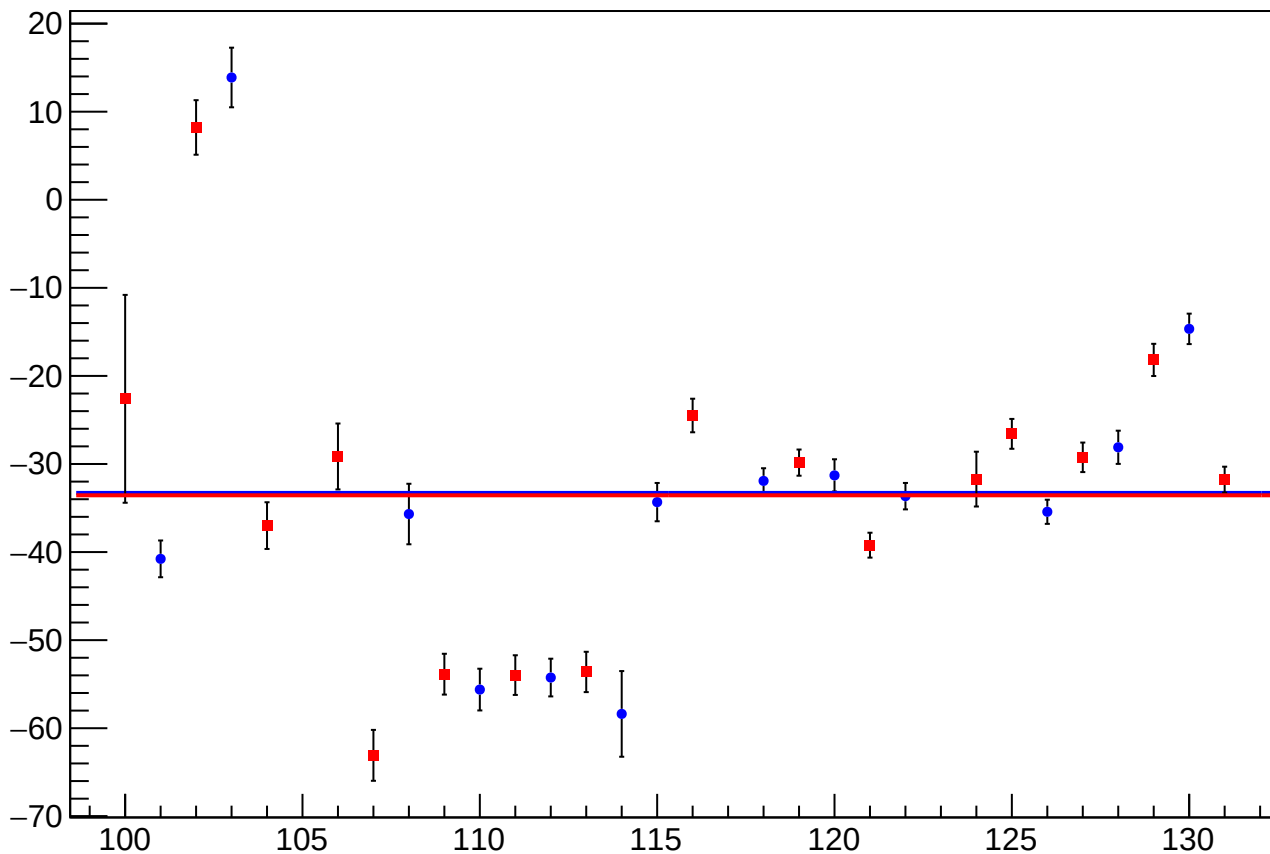
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -85.435 ± 0.356 χ^2/NDF : 1515.8/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



Right In: -33.284 $\pm$ 0.540 χ^2 /NDF: 547.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -33.555 $\pm$ 0.512 χ^2 /NDF: 666.9/15

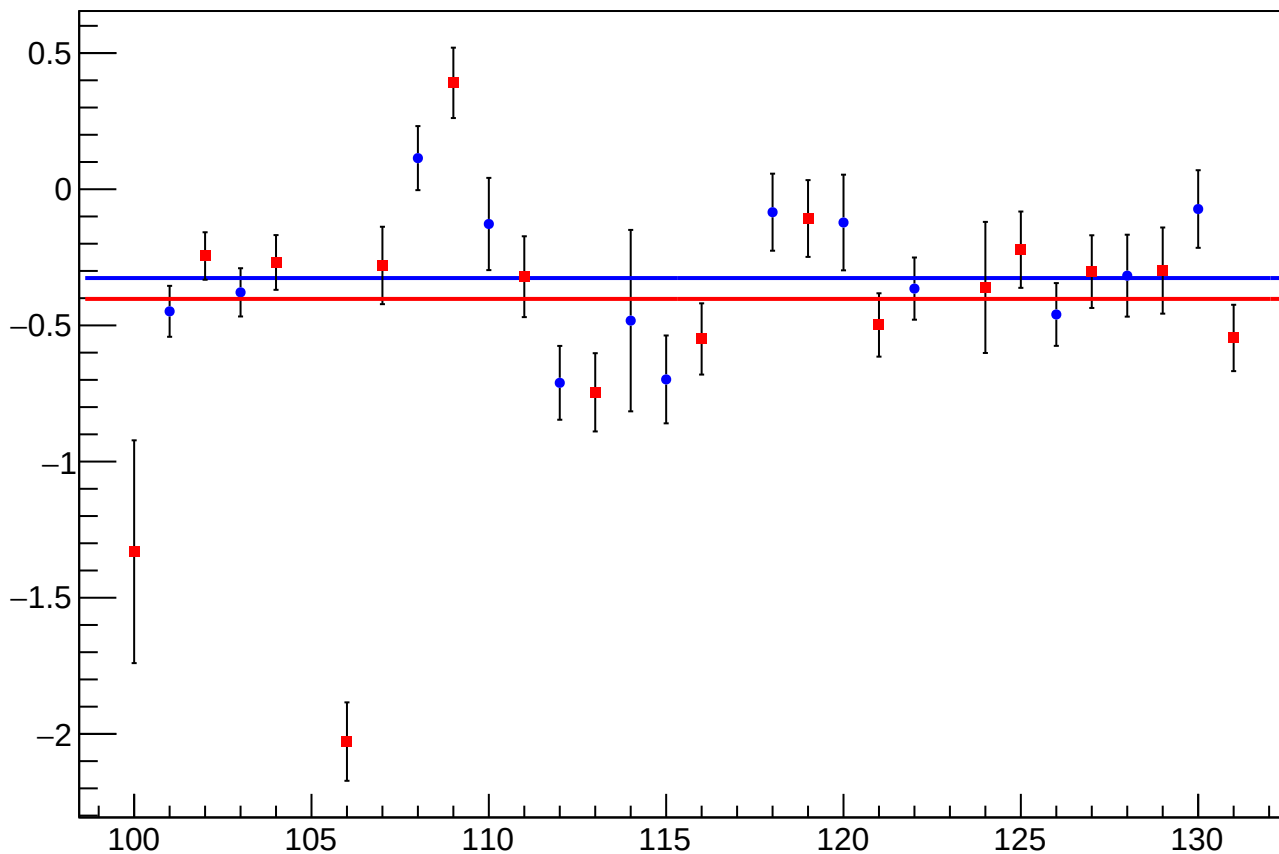
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -33.427 $\pm$ 0.372 χ^2 /NDF: 1214.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: -0.326 ± 0.036 χ^2/NDF : 40.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.403 ± 0.033 χ^2/NDF : 192.5/15

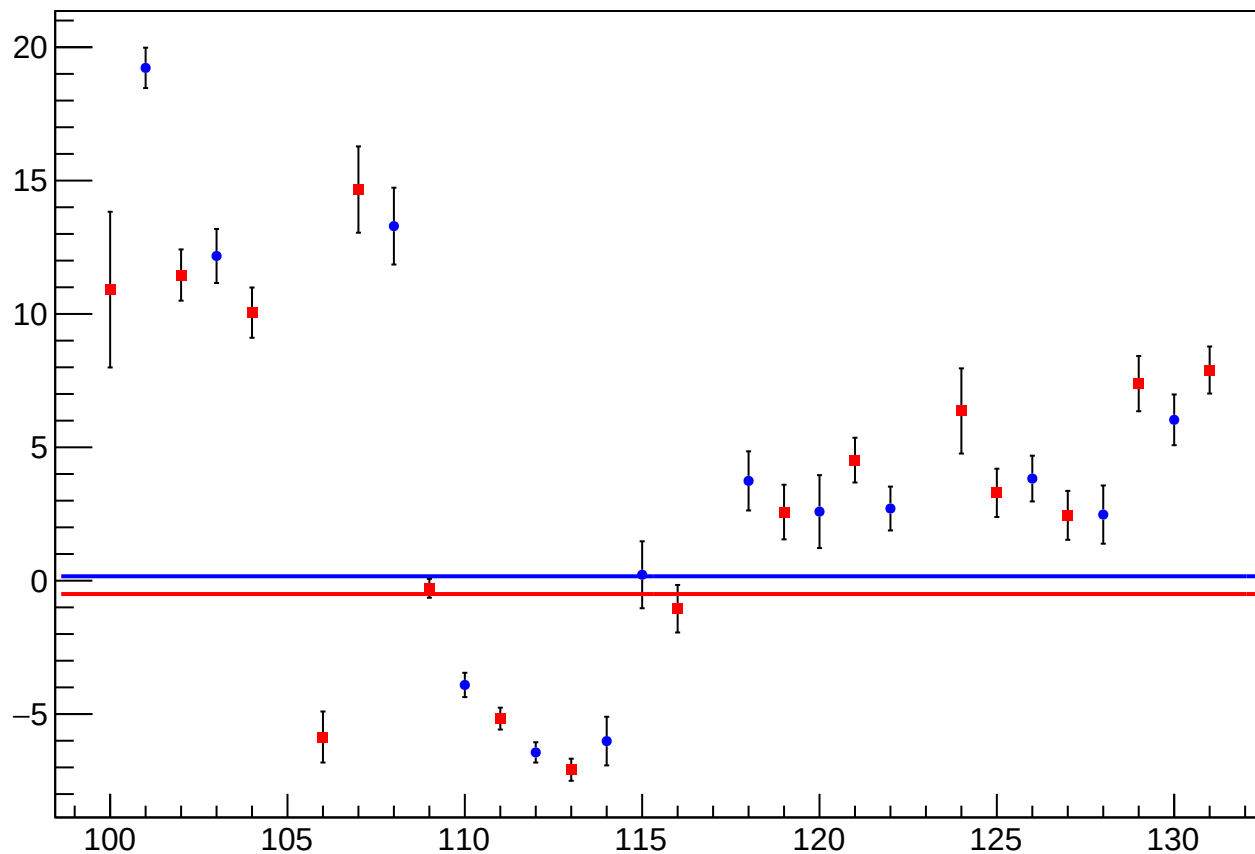
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.367 ± 0.024 χ^2/NDF : 234.9/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.165+/-0.209 χ^2/NDF : 1367.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.501+/-0.176 χ^2/NDF : 1038.5/15

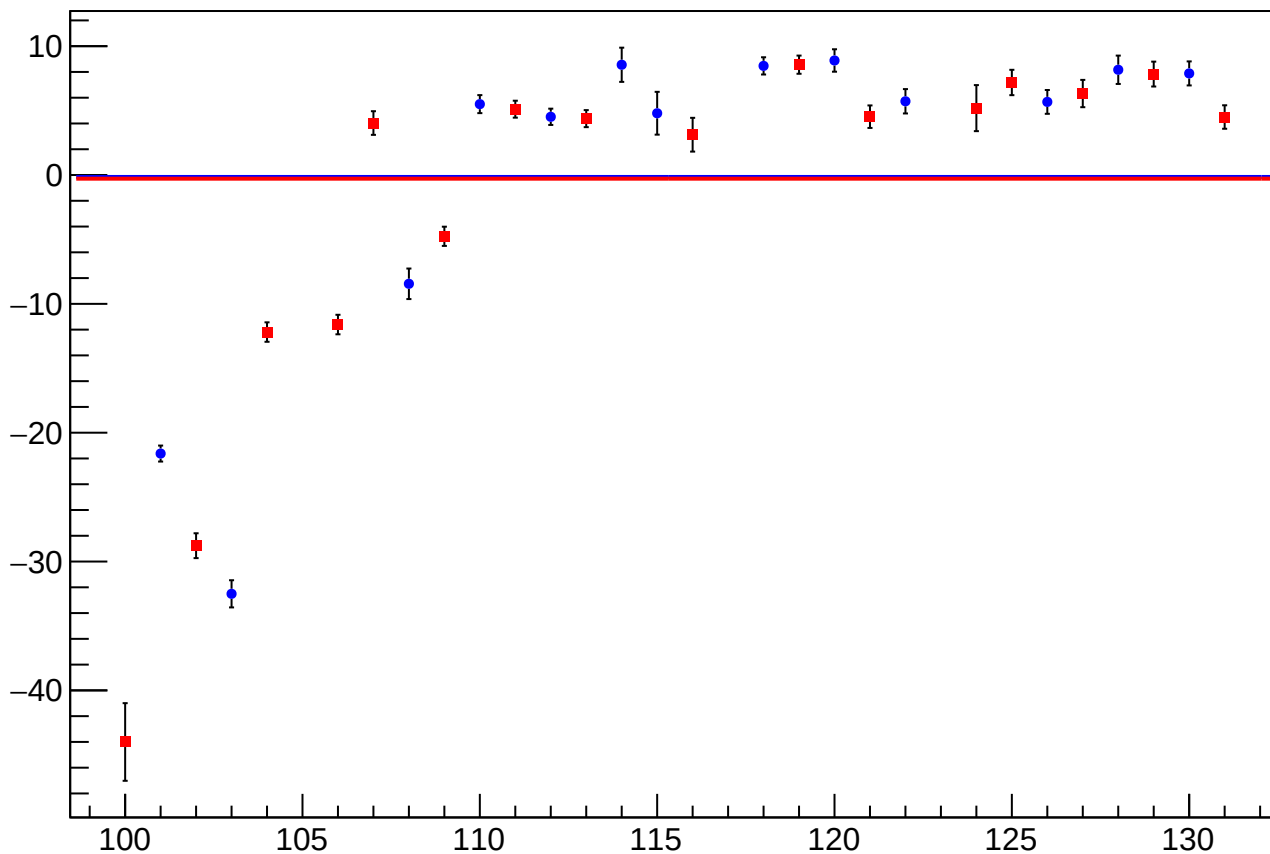
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.224+/-0.135 χ^2/NDF : 2411.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: -0.151 ± 0.239 χ^2/NDF : 2842.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.284 ± 0.220 χ^2/NDF : 2129.4/15

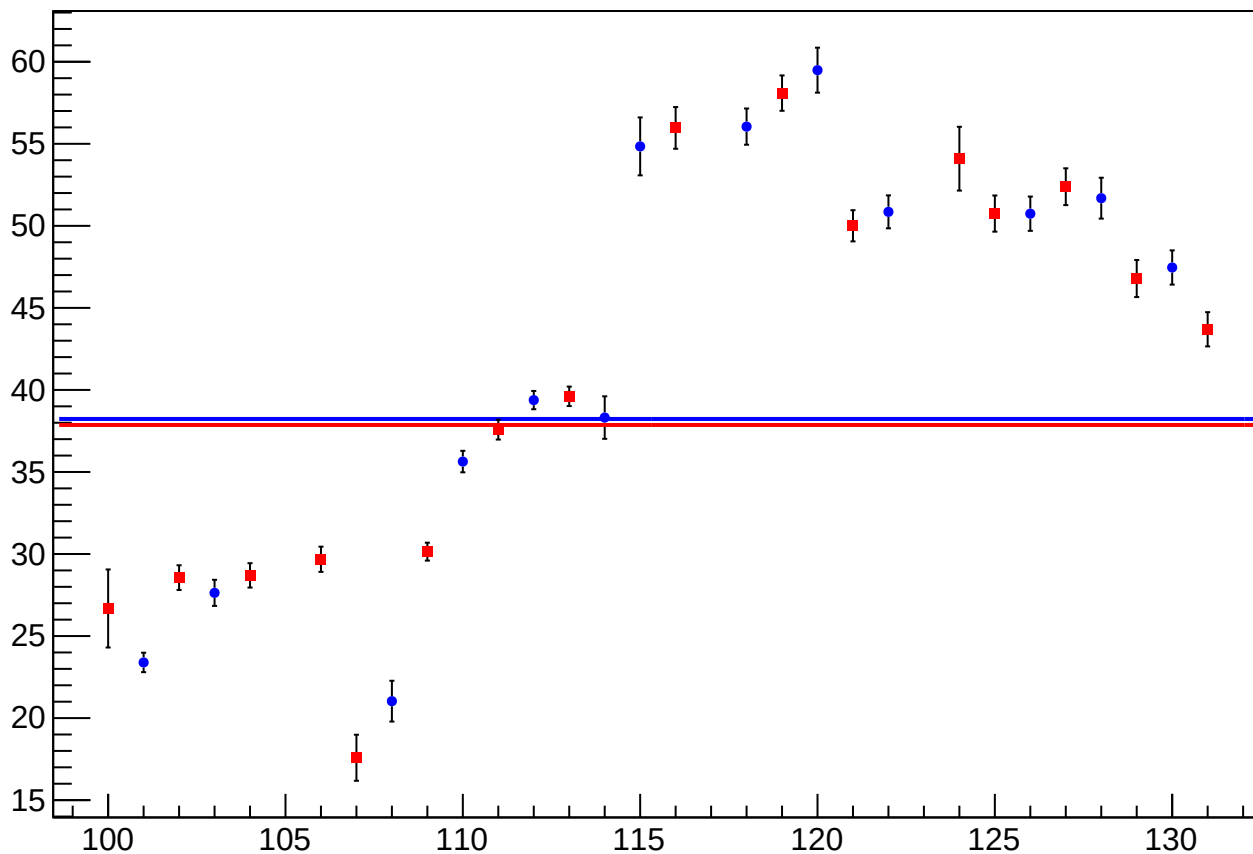
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.223 ± 0.162 χ^2/NDF : 4971.9/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



Right In: 38.231+/-0.247 χ^2/NDF : 2101.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.864+/-0.218 χ^2/NDF : 2043.4/15

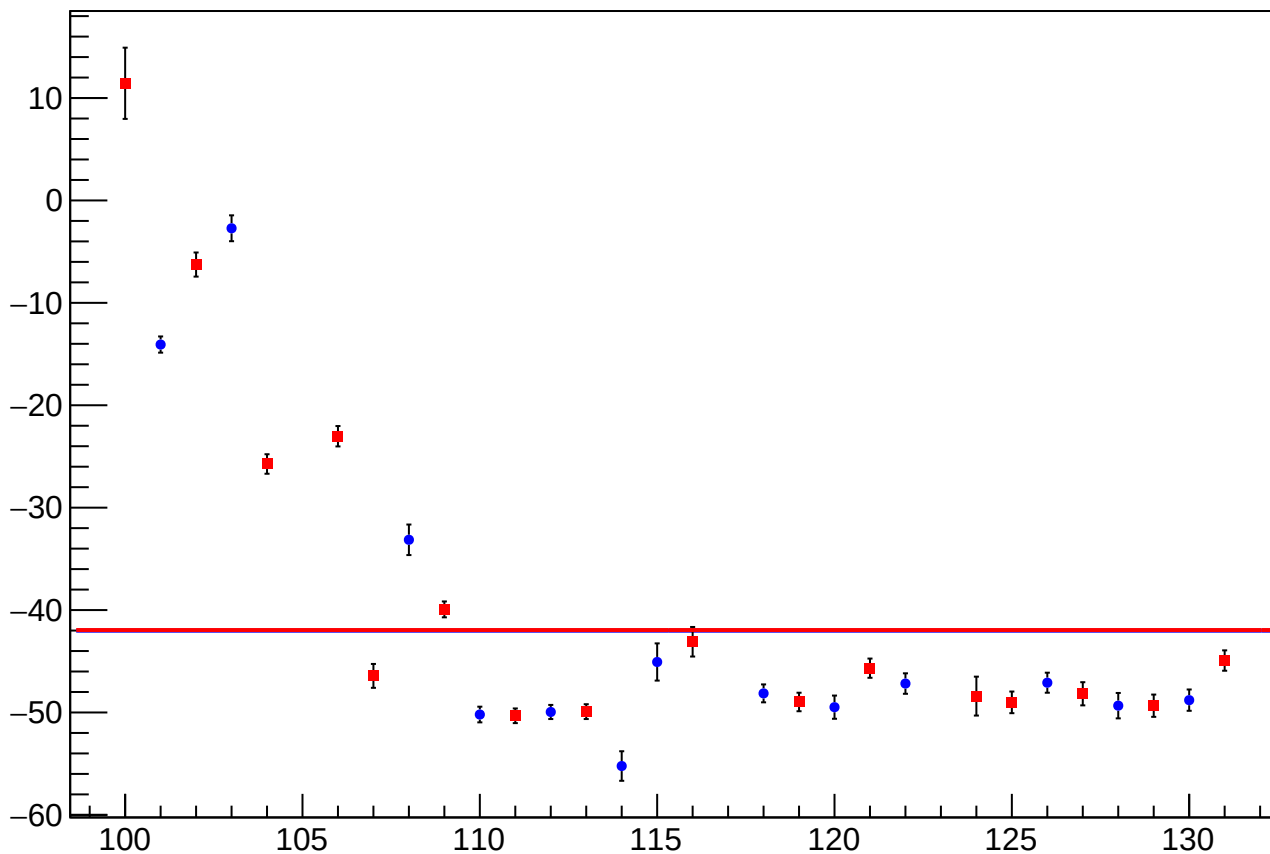
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.025+/-0.163 χ^2/NDF : 4145.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



Right In: -42.011 ± 0.278 χ^2/NDF : 2807.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -41.952 ± 0.251 χ^2/NDF : 2303.6/15

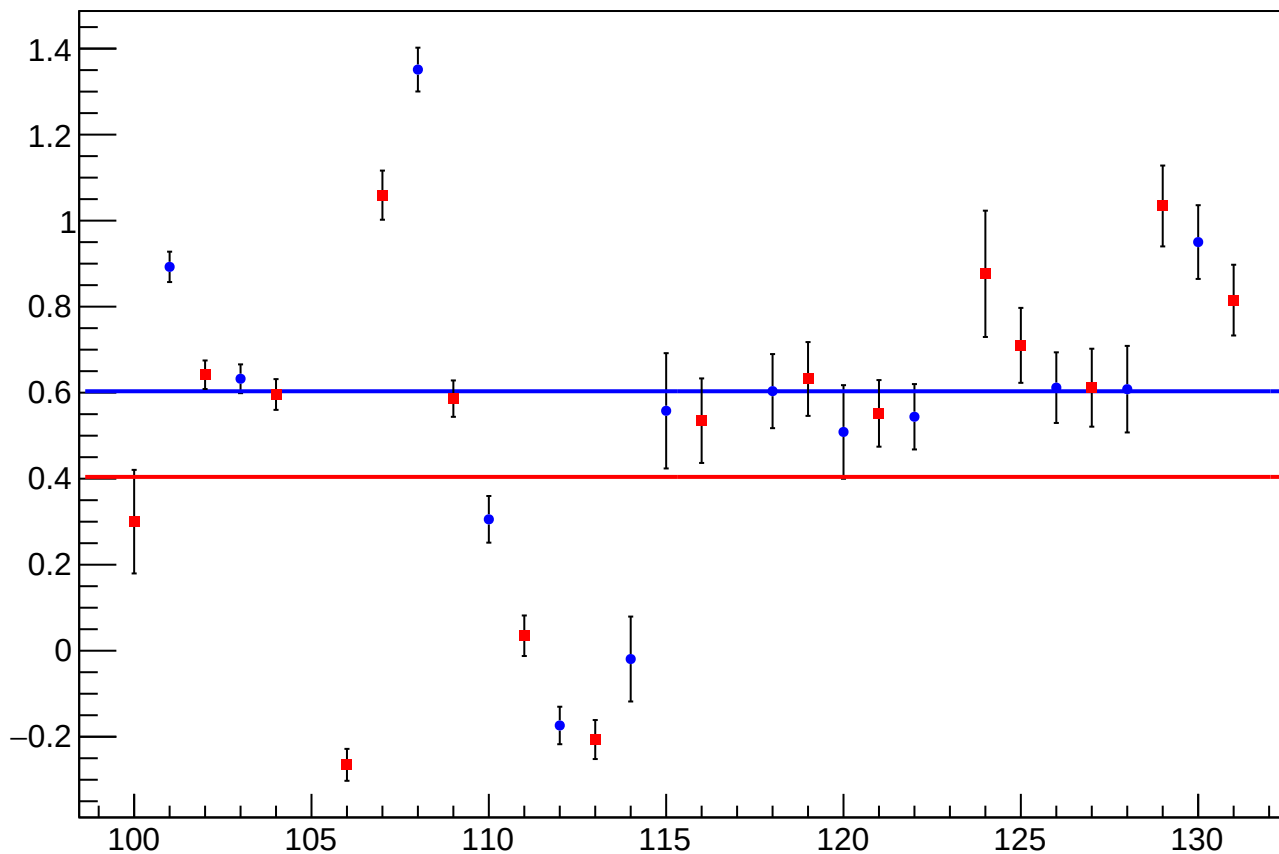
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -41.978 ± 0.186 χ^2/NDF : 5111.5/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.603 $\pm$ 0.016 χ^2 /NDF: 689.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.404 $\pm$ 0.014 χ^2 /NDF: 909.2/15

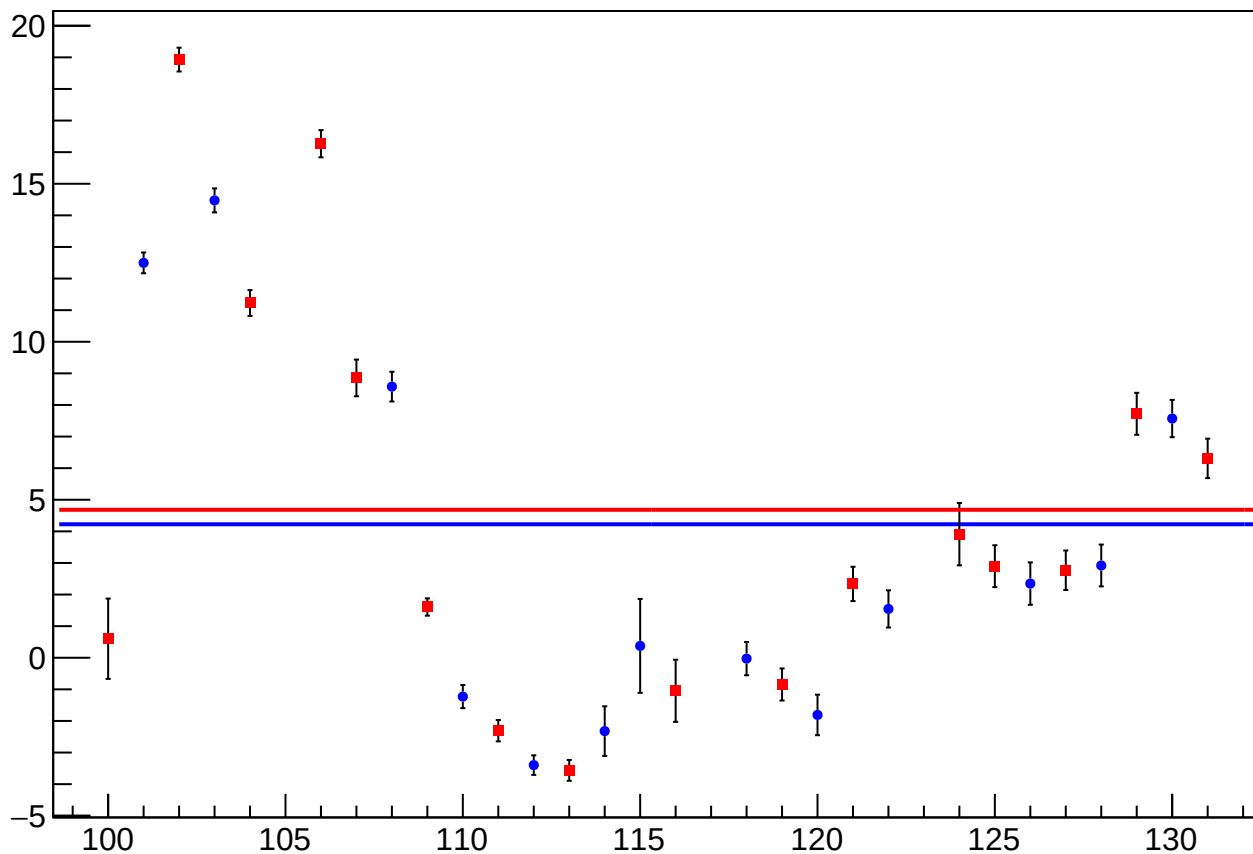
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.489 $\pm$ 0.010 χ^2 /NDF: 1686.8/28

- 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: 4.224+/-0.133 χ^2/NDF : 2565.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.682+/-0.118 χ^2/NDF : 3867.8/15

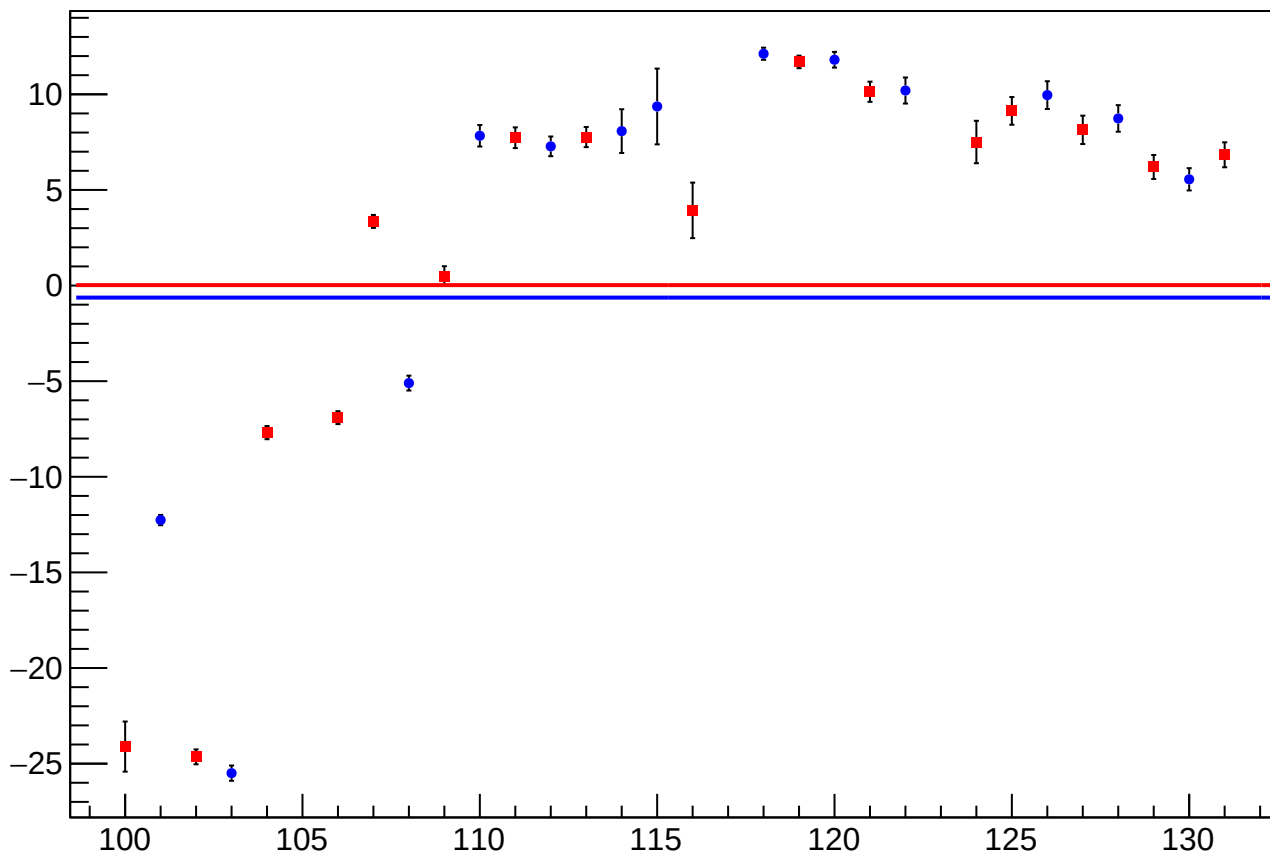
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.481+/-0.088 χ^2/NDF : 6439.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: -0.630 ± 0.130 χ^2/NDF : 9714.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.023 ± 0.122 χ^2/NDF : 7968.1/15

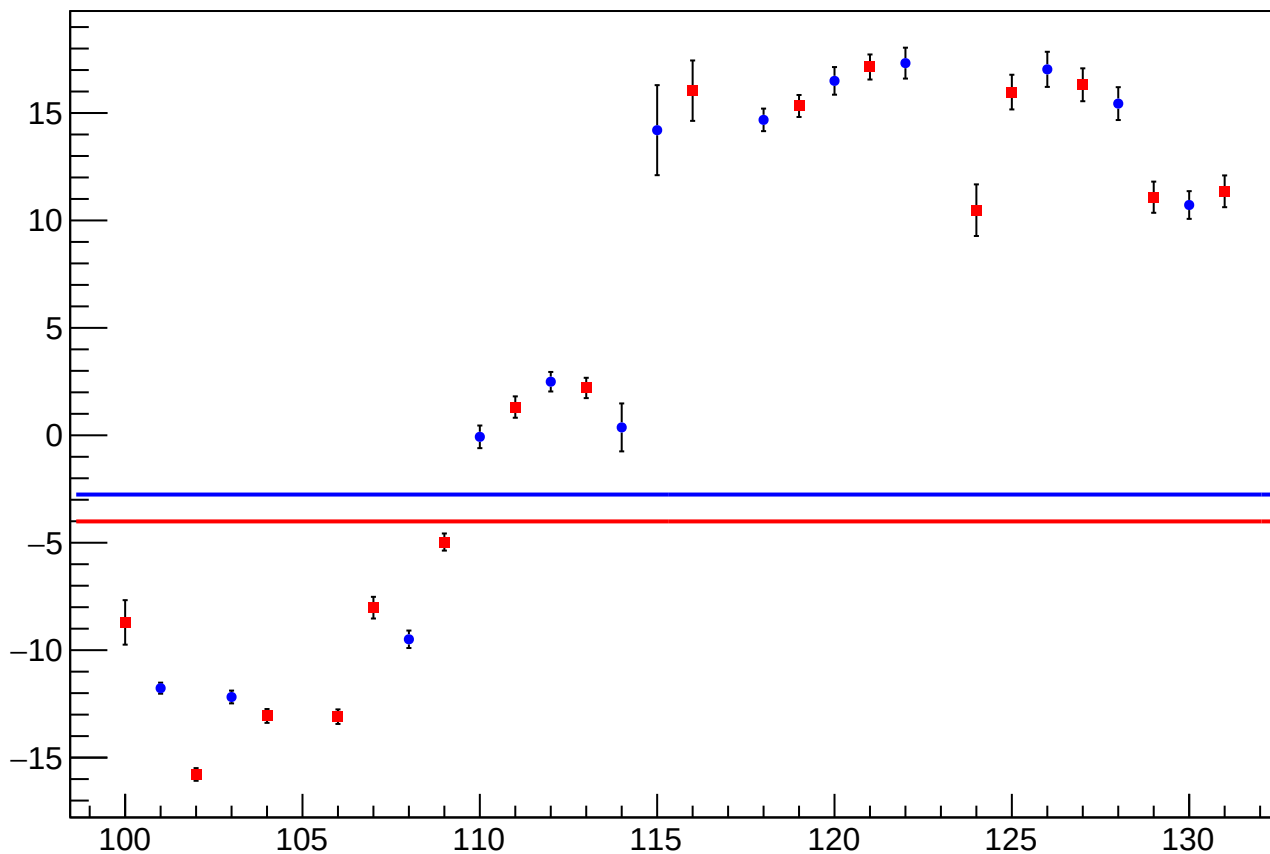
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.285 ± 0.089 χ^2/NDF : 17696.5/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: -2.757+/-0.134 χ^2/NDF : 7106.3/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.008+/-0.125 χ^2/NDF : 8749.6/15

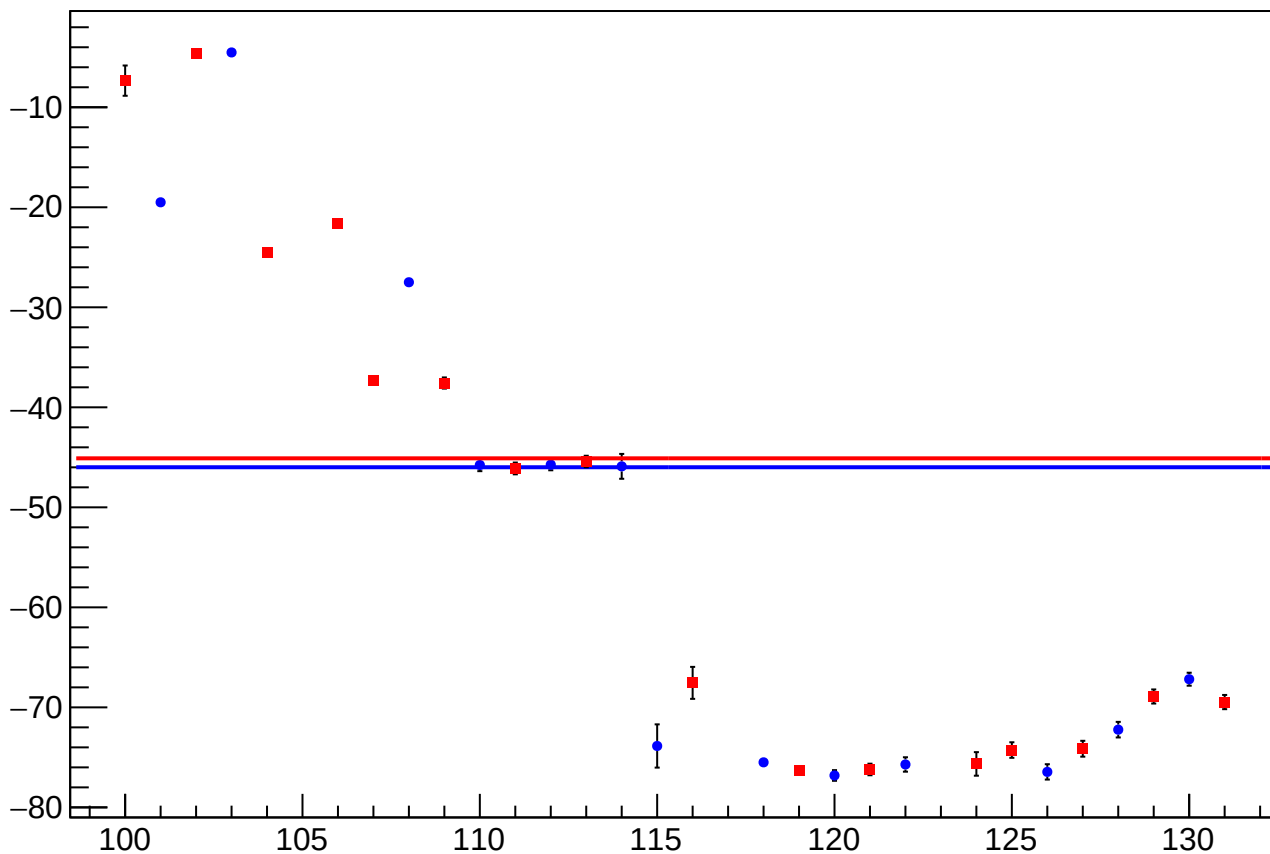
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.429+/-0.091 χ^2/NDF : 15902.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



Right In: -45.992 ± 0.157 χ^2/NDF : 29046.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -45.101 ± 0.146 χ^2/NDF : 27948.8/15

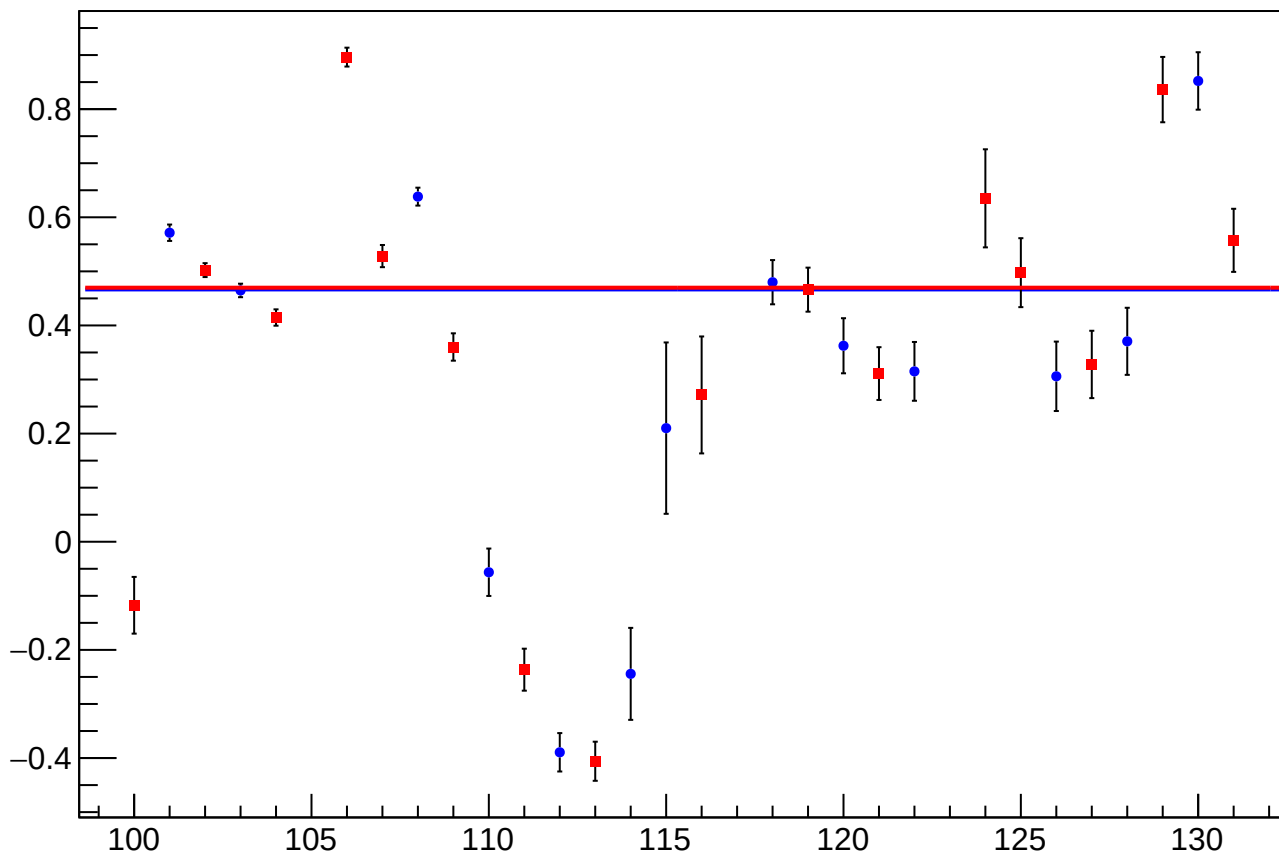
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -45.515 ± 0.107 χ^2/NDF : 57013.1/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.467 $\pm$ 0.007 χ^2 /NDF: 1024.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.470 $\pm$ 0.007 χ^2 /NDF: 1747.8/15

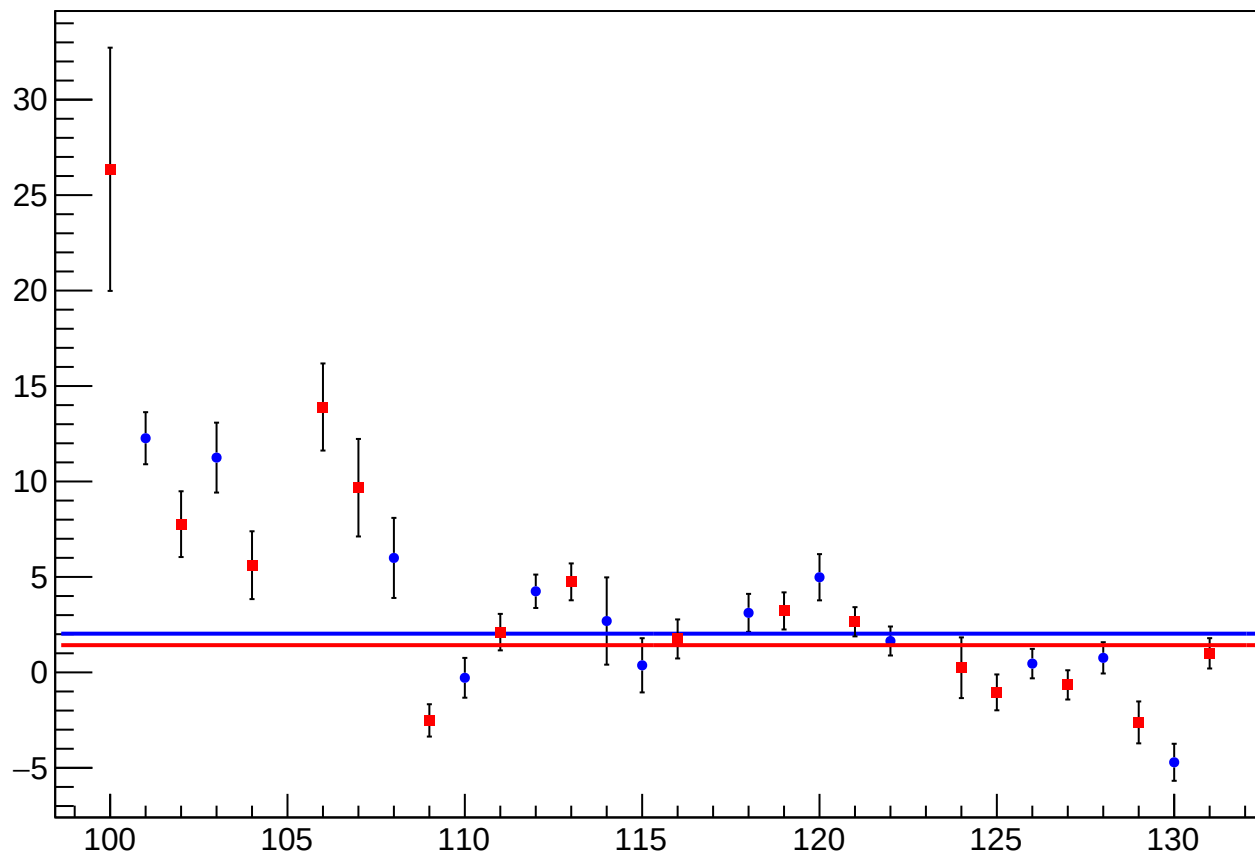
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.468 $\pm$ 0.005 χ^2 /NDF: 2772.1/28

- 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: 2.028 $\pm$ 0.293 χ^2 /NDF: 160.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.426 $\pm$ 0.268 χ^2 /NDF: 143.5/15

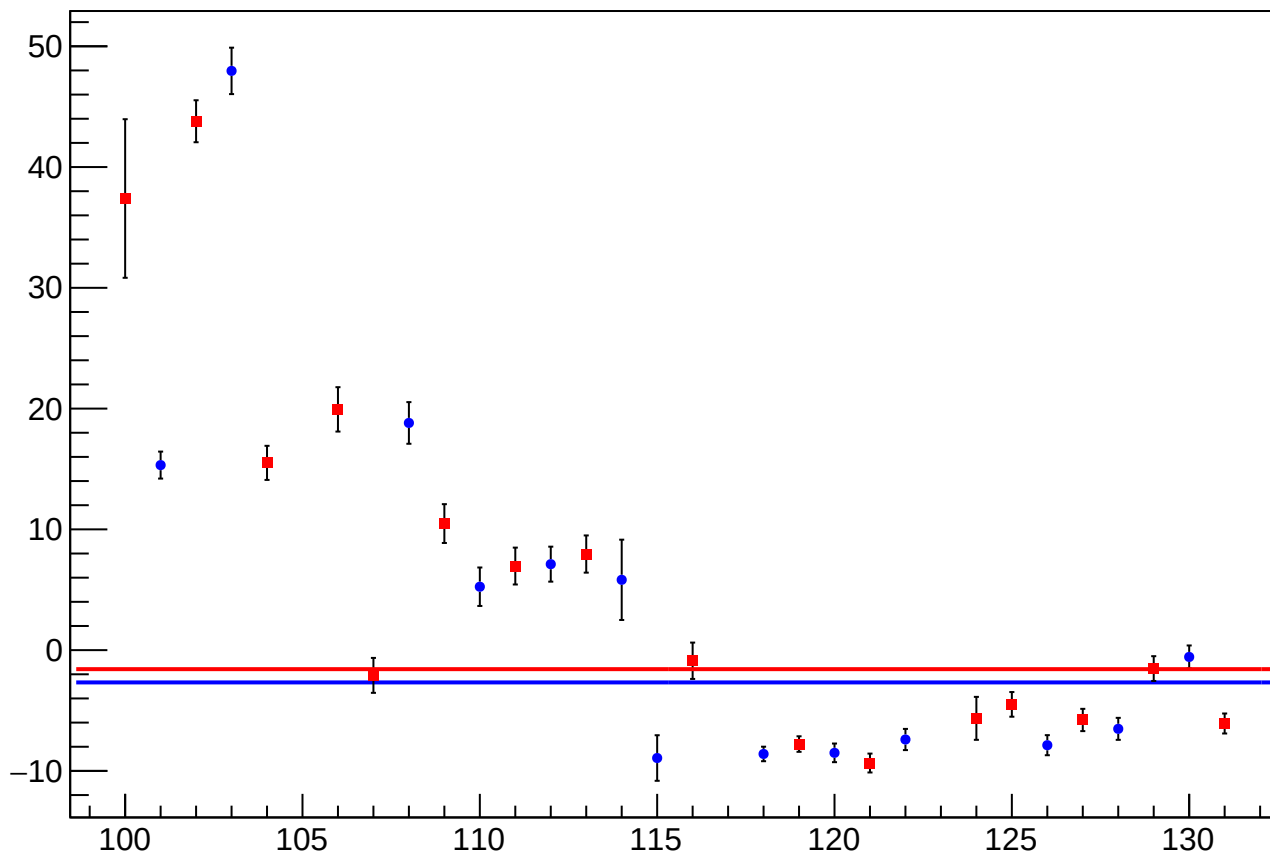
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.700 $\pm$ 0.198 χ^2 /NDF: 306.1/28

- 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: -2.673+/-0.287 χ^2/NDF : 1441.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.575+/-0.286 χ^2/NDF : 1381.8/15

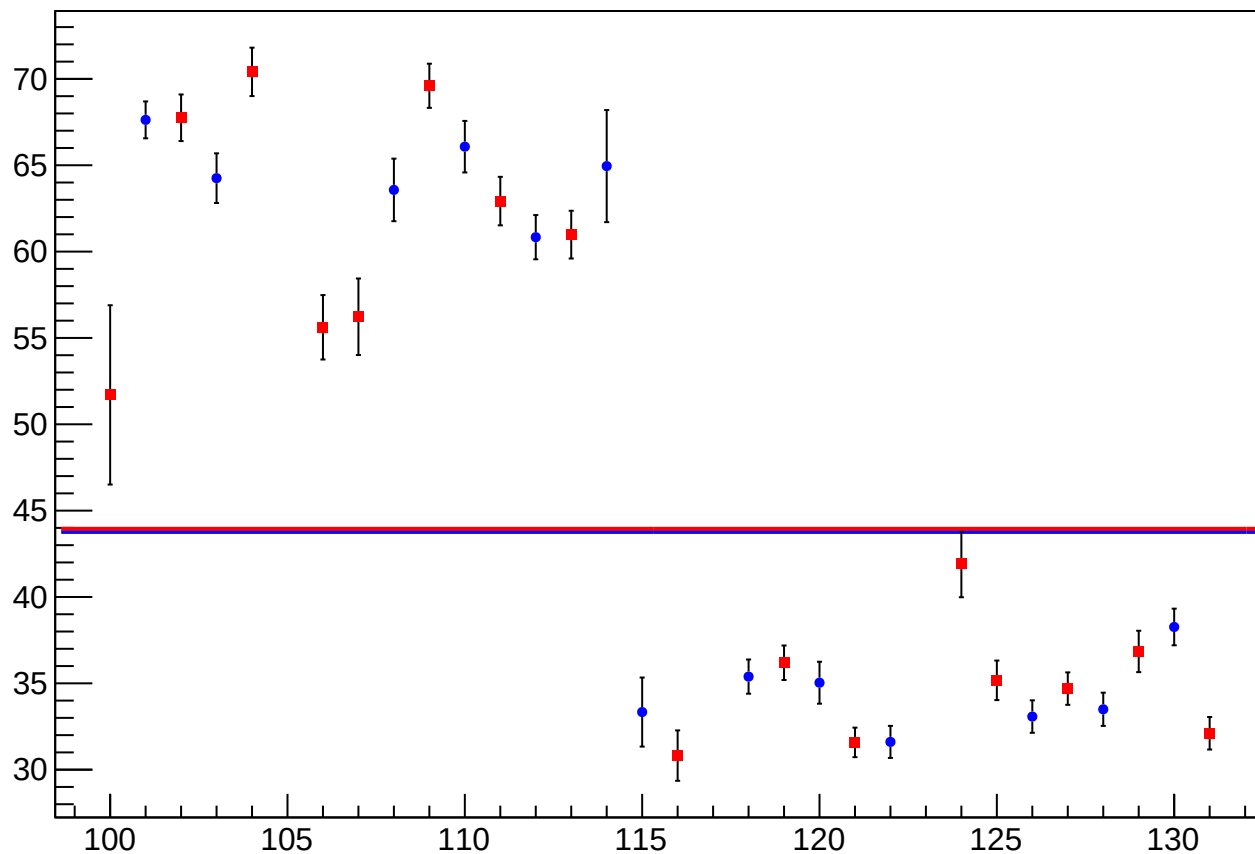
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.122+/-0.203 χ^2/NDF : 2830.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



Right In: 43.769+/-0.333 χ^2/NDF : 1858.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.947+/-0.315 χ^2/NDF : 2177.4/15

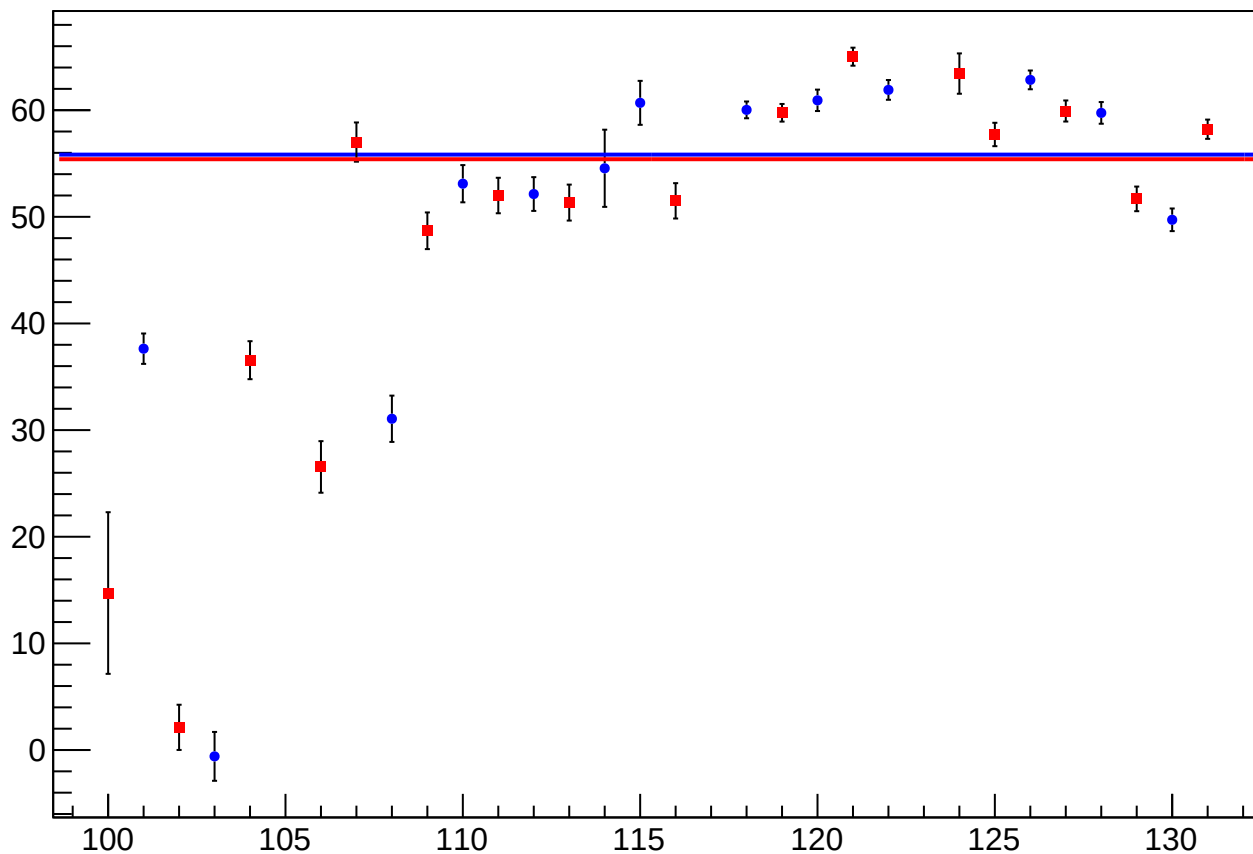
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.863+/-0.229 χ^2/NDF : 4035.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



Right In: 55.833+/-0.336 χ^2 /NDF: 1121.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 55.402+/-0.326 χ^2 /NDF: 1167.1/15

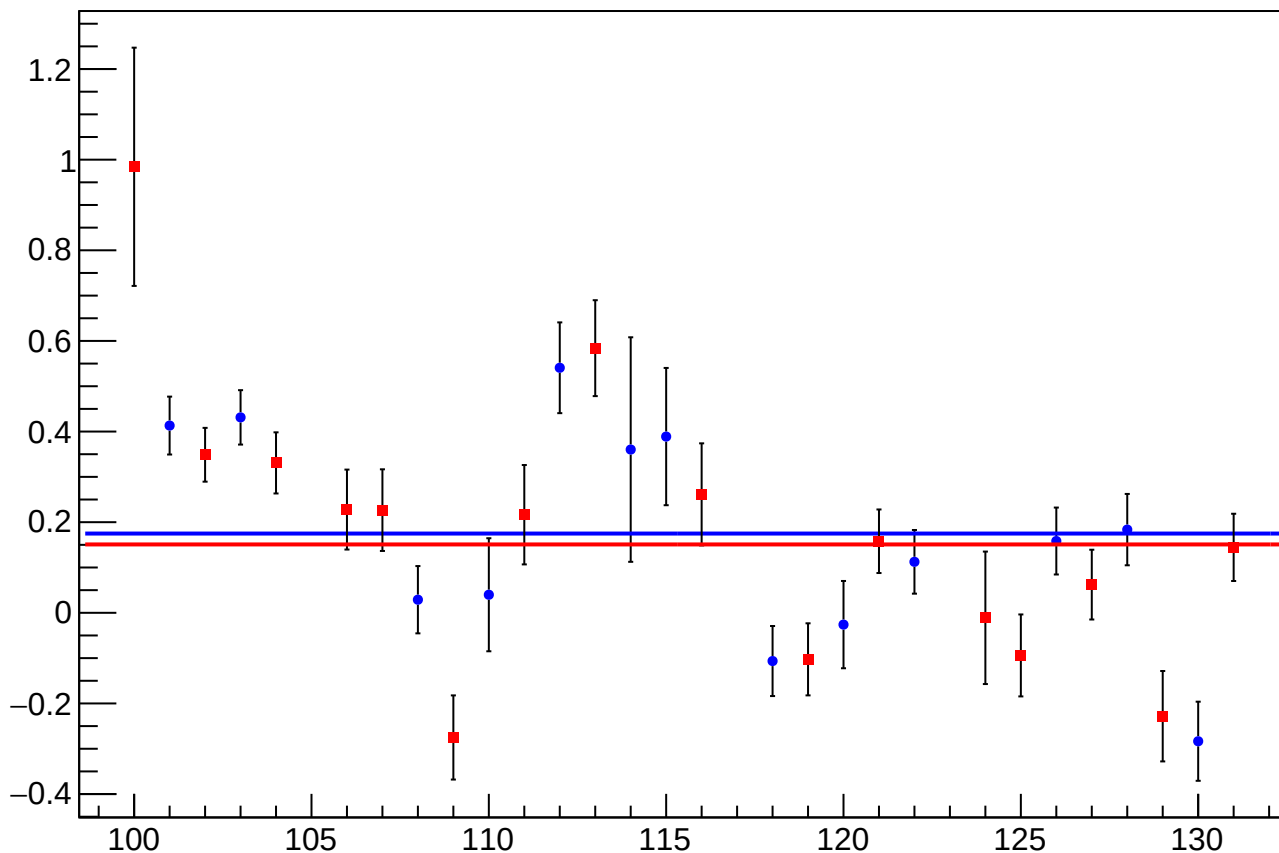
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 55.611+/-0.234 χ^2 /NDF: 2289.7/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.175 $\pm$ 0.023 χ^2 /NDF: 99.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.151 $\pm$ 0.022 χ^2 /NDF: 103.4/15

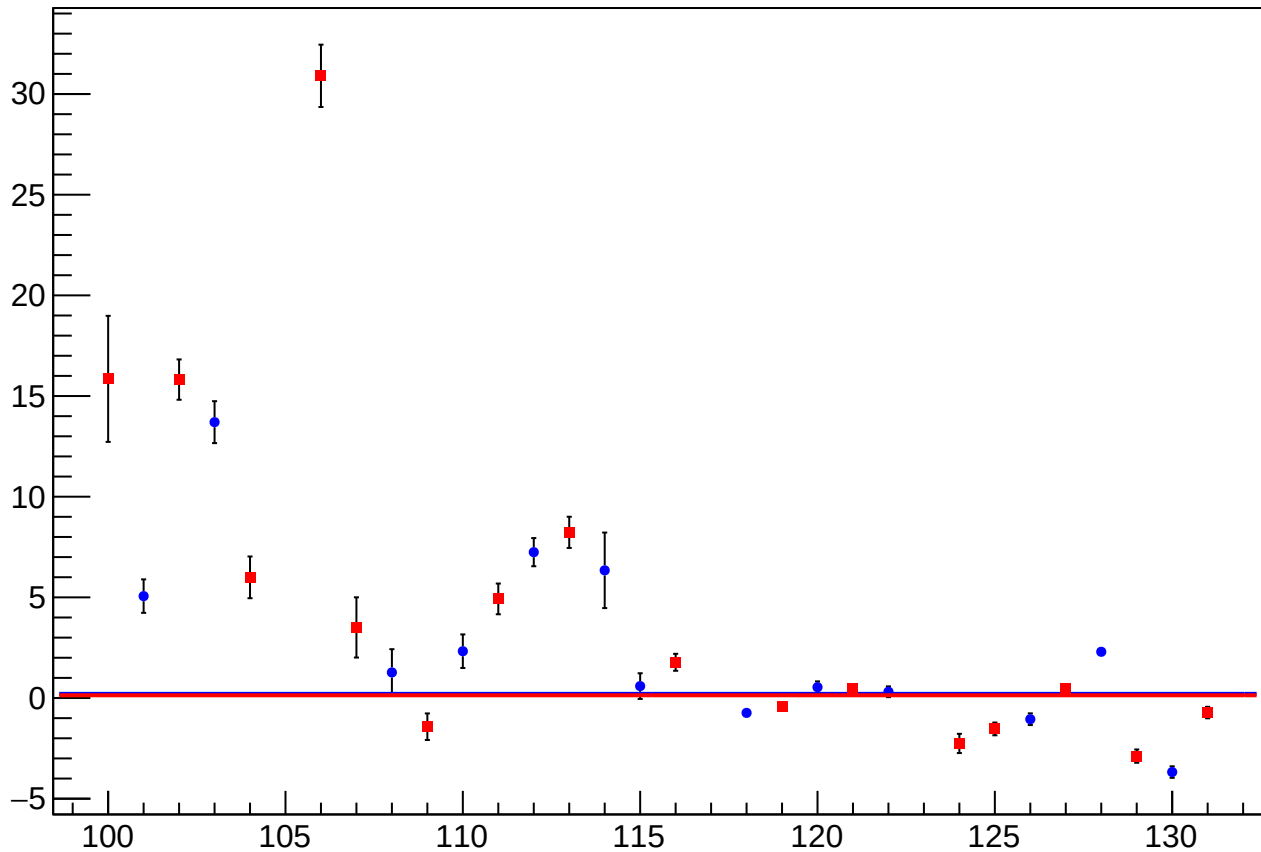
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.162 $\pm$ 0.016 χ^2 /NDF: 203.1/28

- 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: 0.207 $\pm$ 0.103 χ^2 /NDF: 613.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.136 $\pm$ 0.098 χ^2 /NDF: 1026.8/15

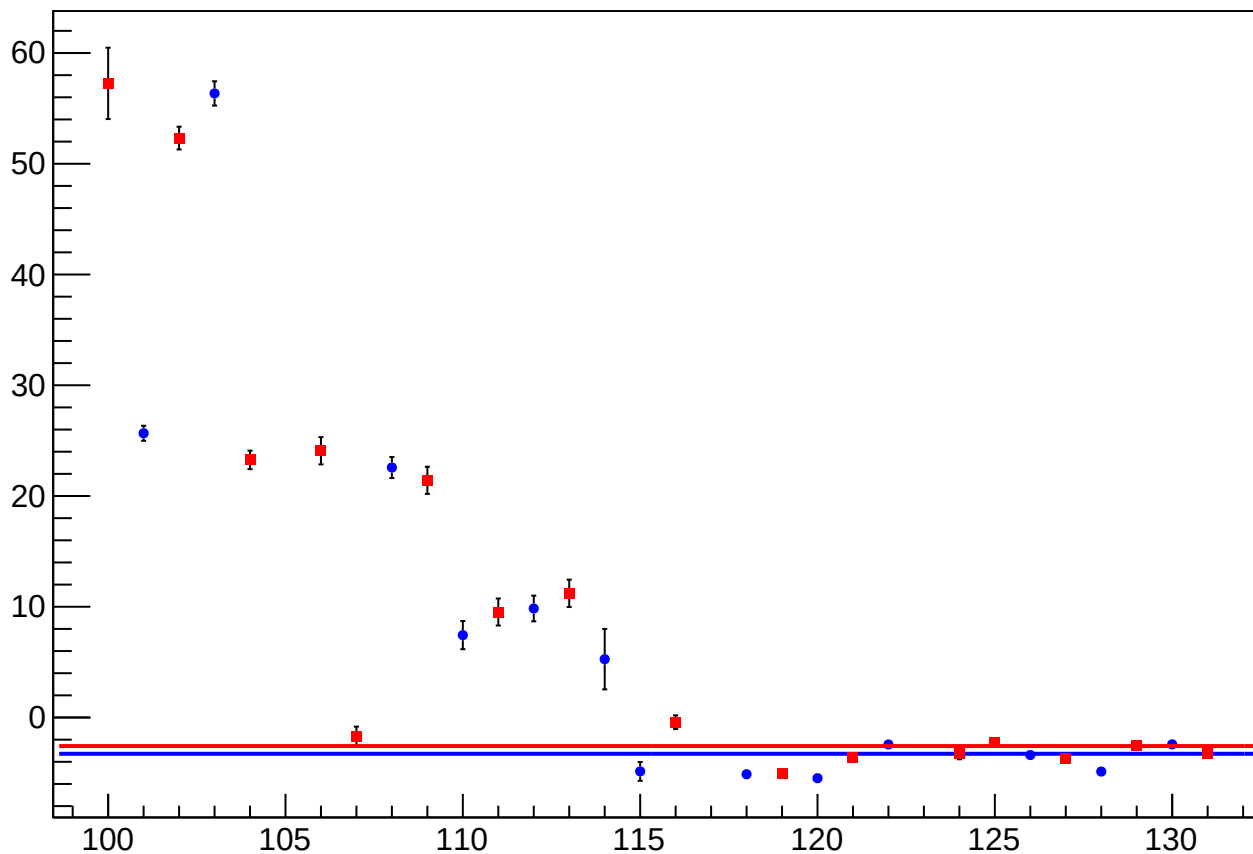
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.170 $\pm$ 0.071 χ^2 /NDF: 1640.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: -3.275 ± 0.088 χ^2/NDF : 6073.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.577 ± 0.092 χ^2/NDF : 5564.3/15

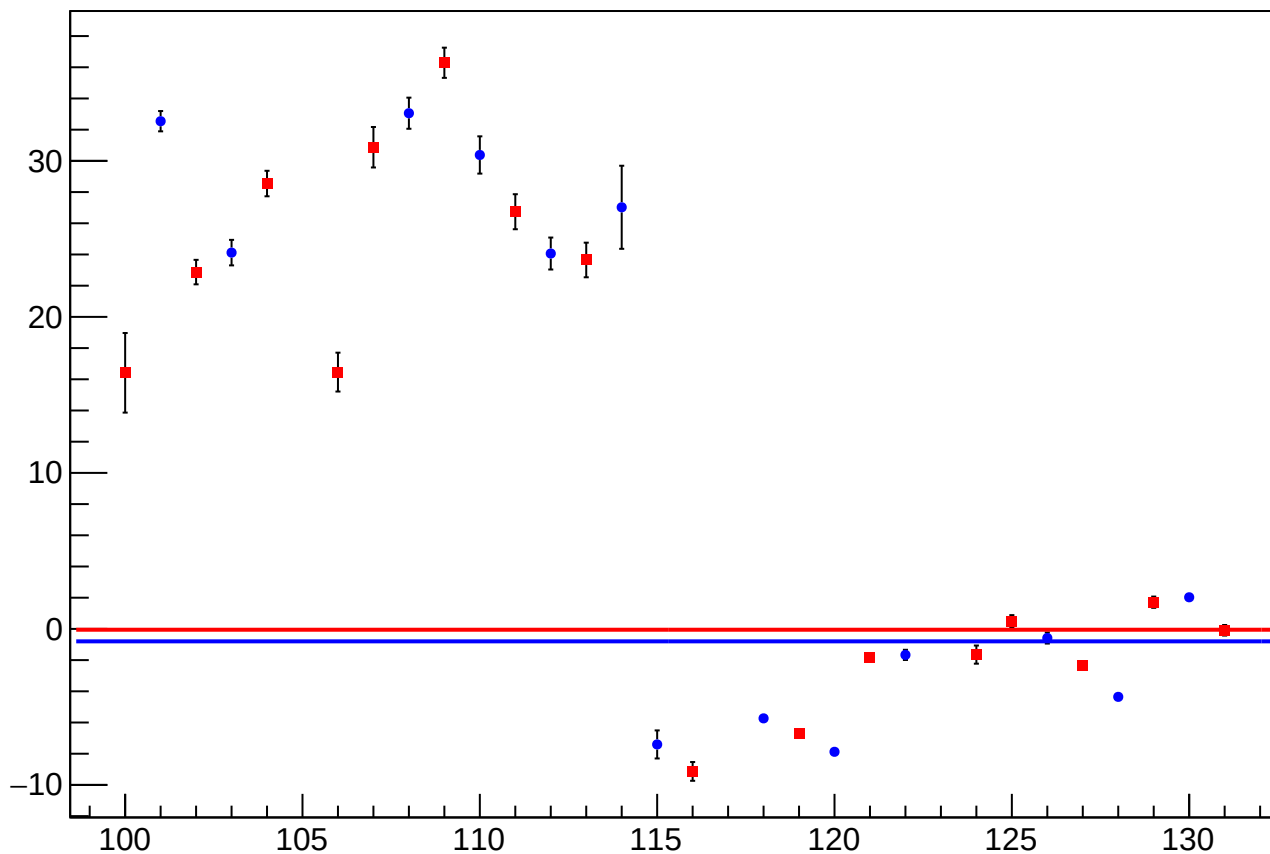
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.943 ± 0.063 χ^2/NDF : 11667.9/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: -0.798 ± 0.114 χ^2/NDF : 7413.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.053 ± 0.111 χ^2/NDF : 6502.0/15

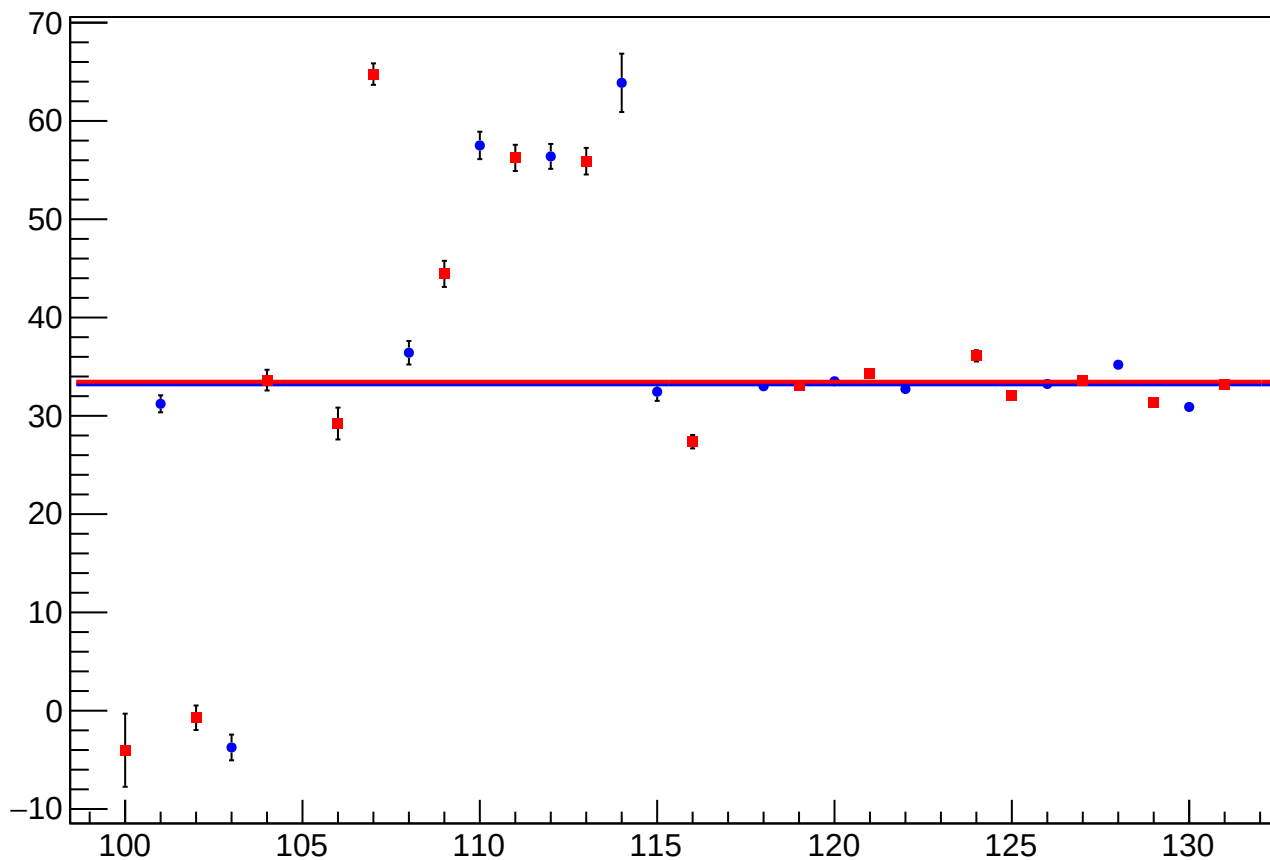
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.415 ± 0.079 χ^2/NDF : 13937.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



Right In: 33.204+/-0.106 χ^2/NDF : 1656.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.468+/-0.107 χ^2/NDF : 2482.2/15

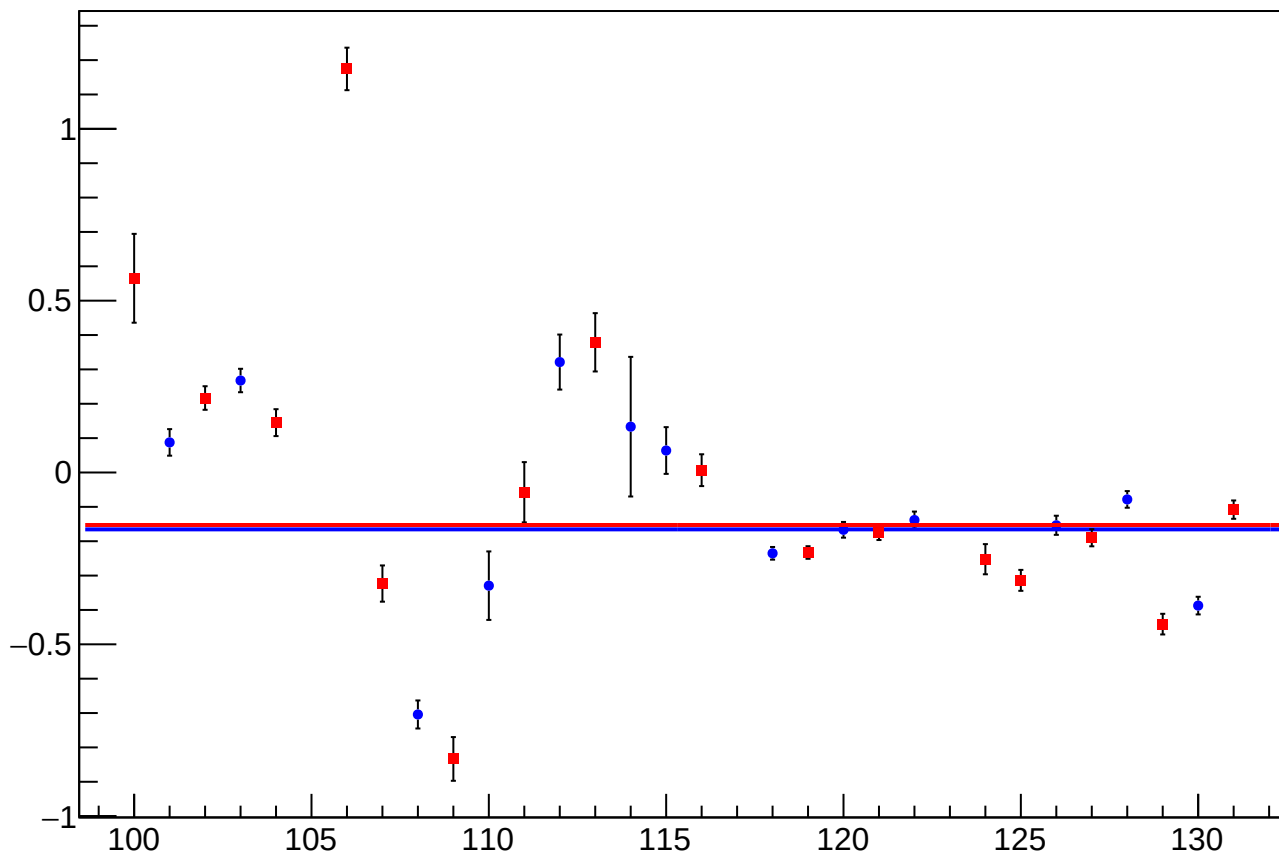
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.335+/-0.075 χ^2/NDF : 4142.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.166+/-0.009 χ^2/NDF : 534.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.153+/-0.008 χ^2/NDF : 992.9/15

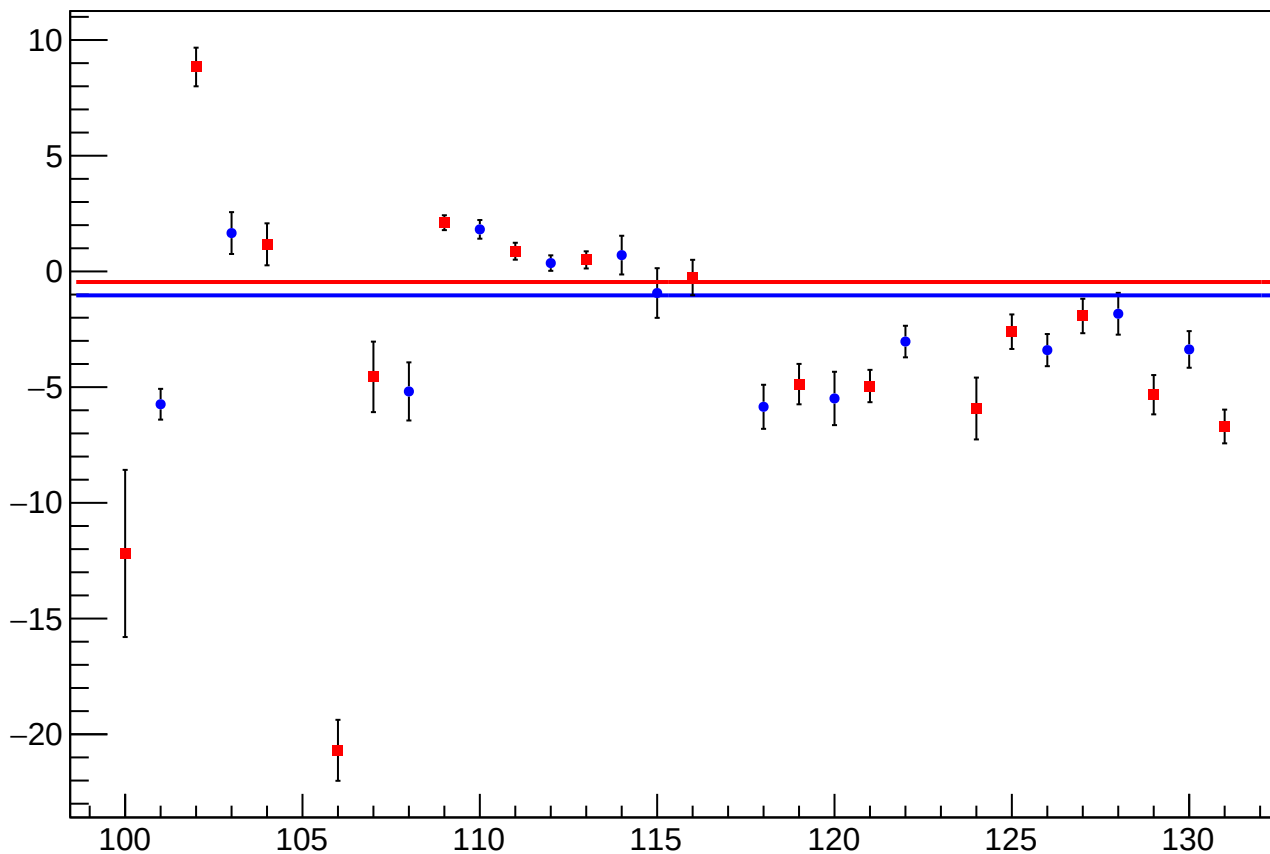
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.159+/-0.006 χ^2/NDF : 1528.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: -1.035 ± 0.181 χ^2/NDF : 211.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.457 ± 0.157 χ^2/NDF : 666.6/15

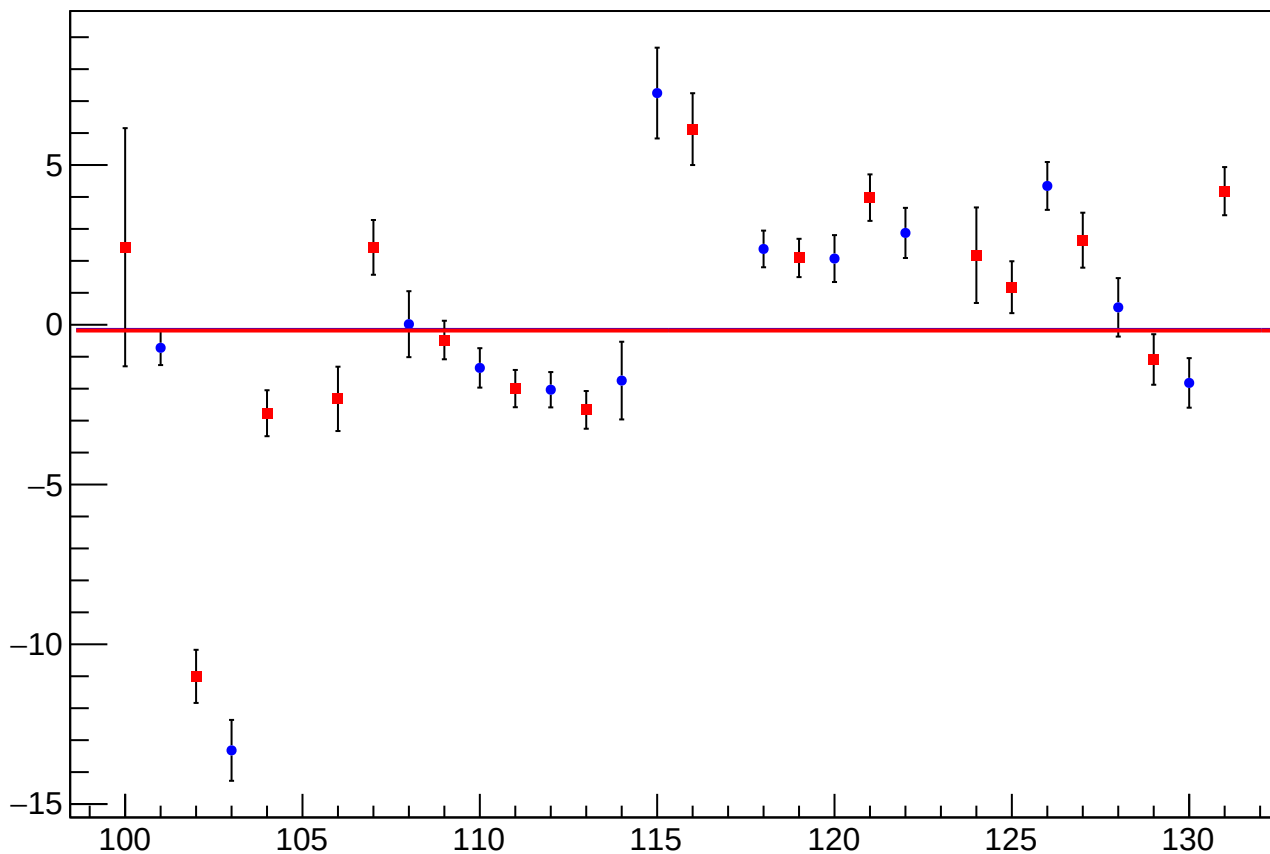
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.704 ± 0.119 χ^2/NDF : 884.1/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: -0.161 ± 0.205 χ^2/NDF : 321.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.180 ± 0.194 χ^2/NDF : 353.7/15

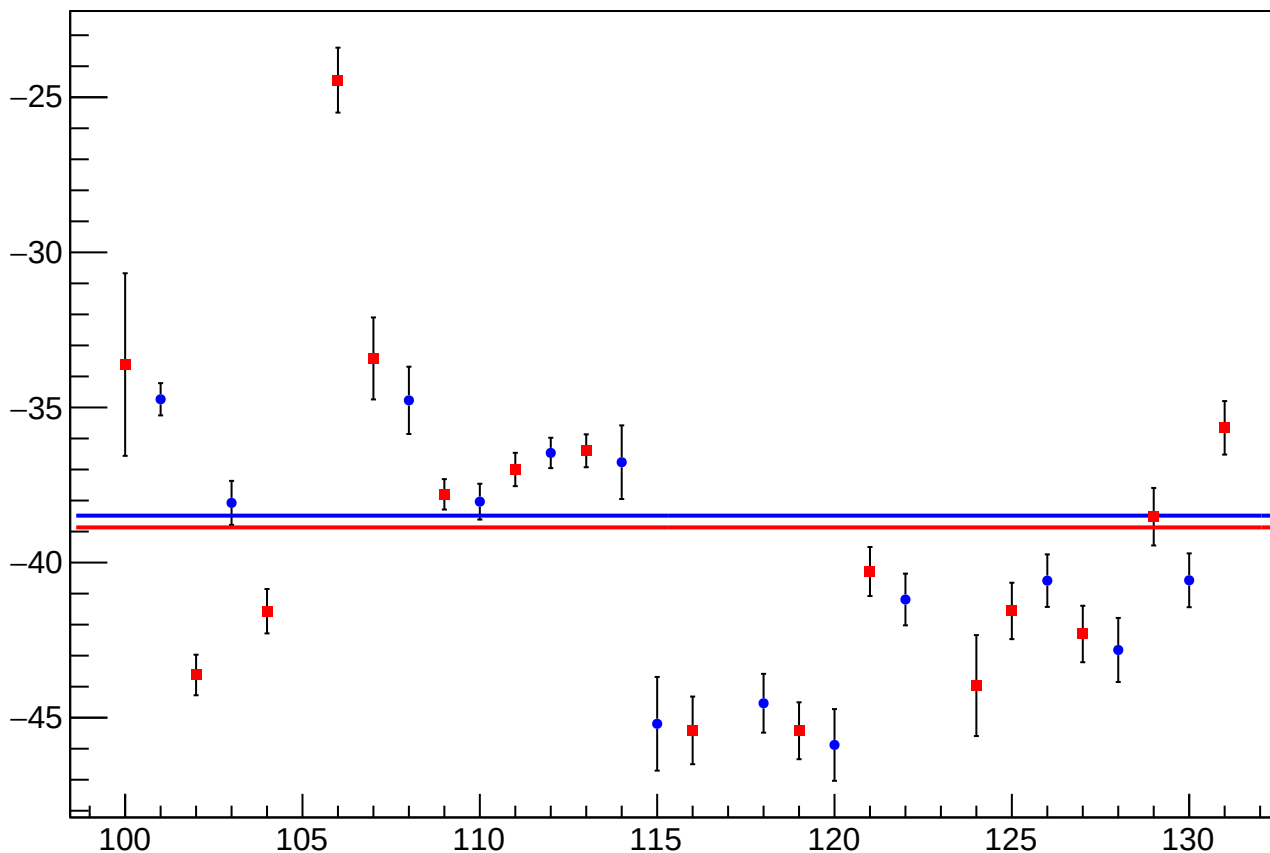
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.171 ± 0.141 χ^2/NDF : 674.8/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -38.487 $\pm$ 0.214 χ^2 /NDF: 225.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -38.866 $\pm$ 0.196 χ^2 /NDF: 452.9/15

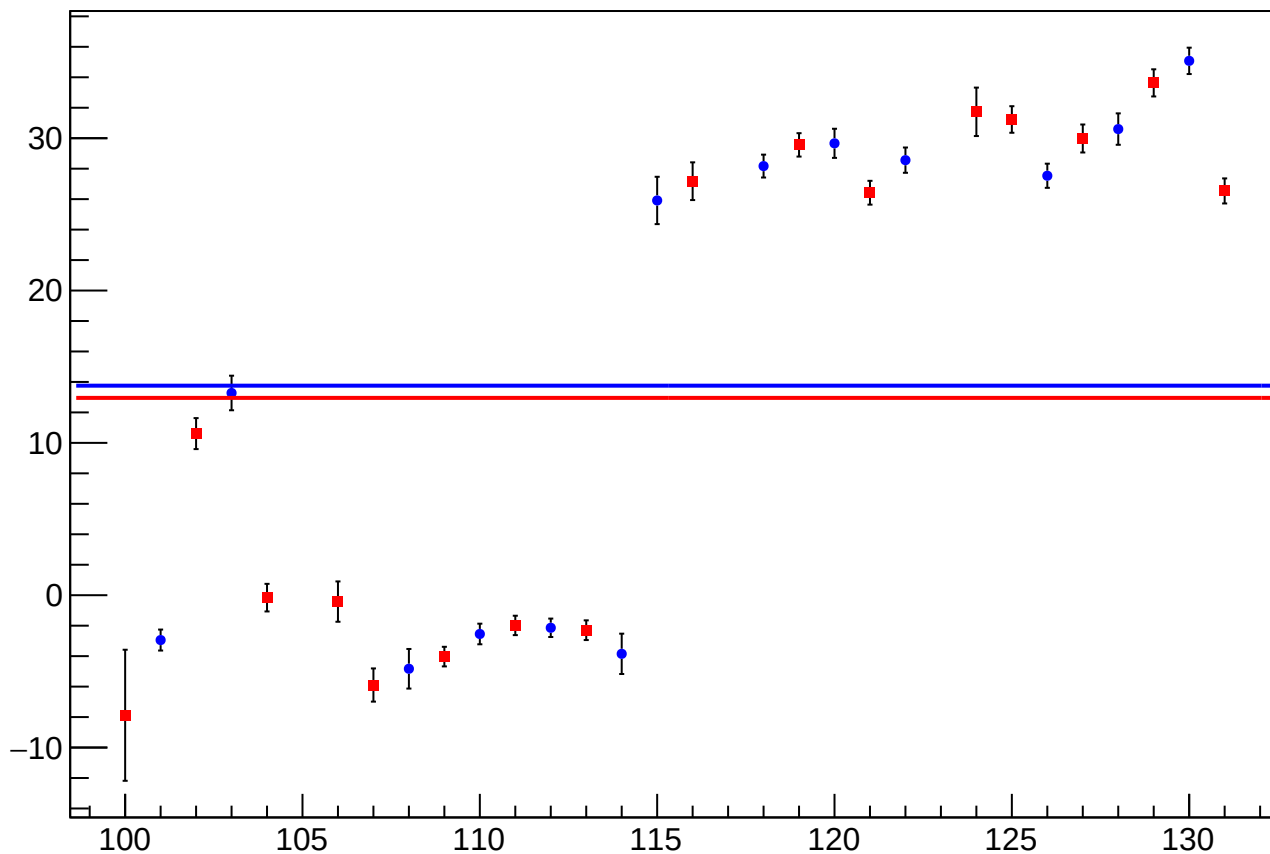
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -38.693 $\pm$ 0.145 χ^2 /NDF: 679.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 13.755+/-0.239 χ^2 /NDF: 4441.5/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 12.953+/-0.221 χ^2 /NDF: 5074.2/15

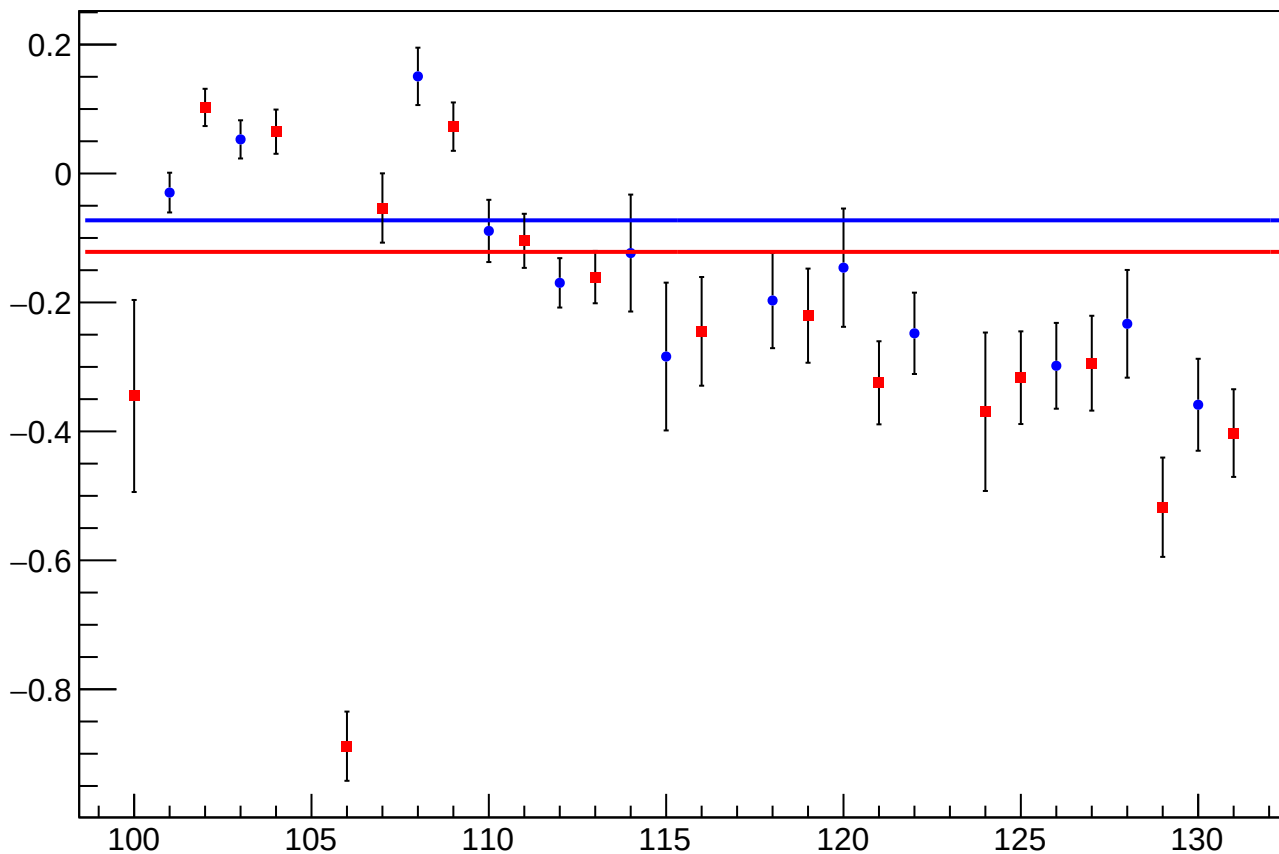
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 13.323+/-0.162 χ^2 /NDF: 9521.8/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.073 ± 0.014 χ^2/NDF : 97.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.122 ± 0.013 χ^2/NDF : 399.9/15

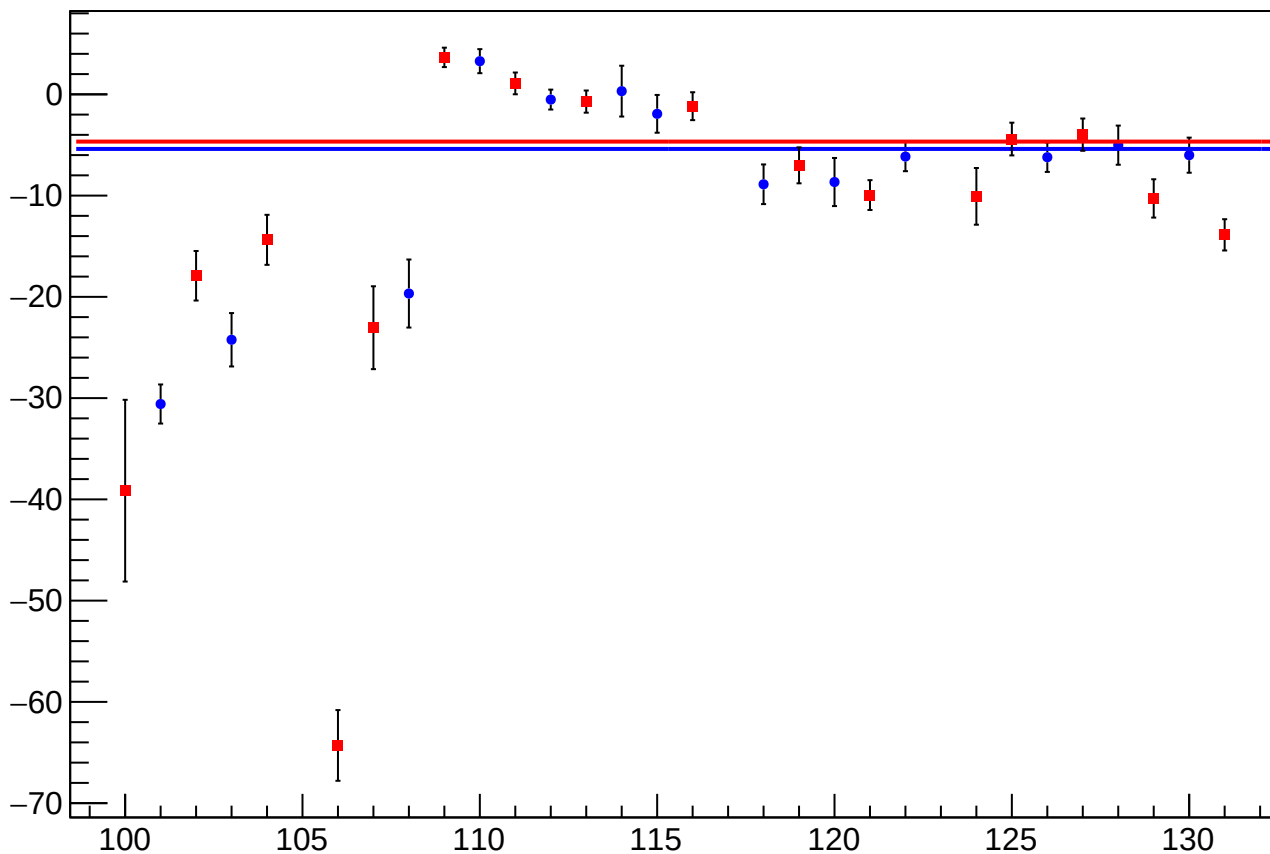
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.099 ± 0.009 χ^2/NDF : 504.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



Right In: -5.392+/-0.462 χ^2/NDF : 331.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.666+/-0.402 χ^2/NDF : 557.4/15

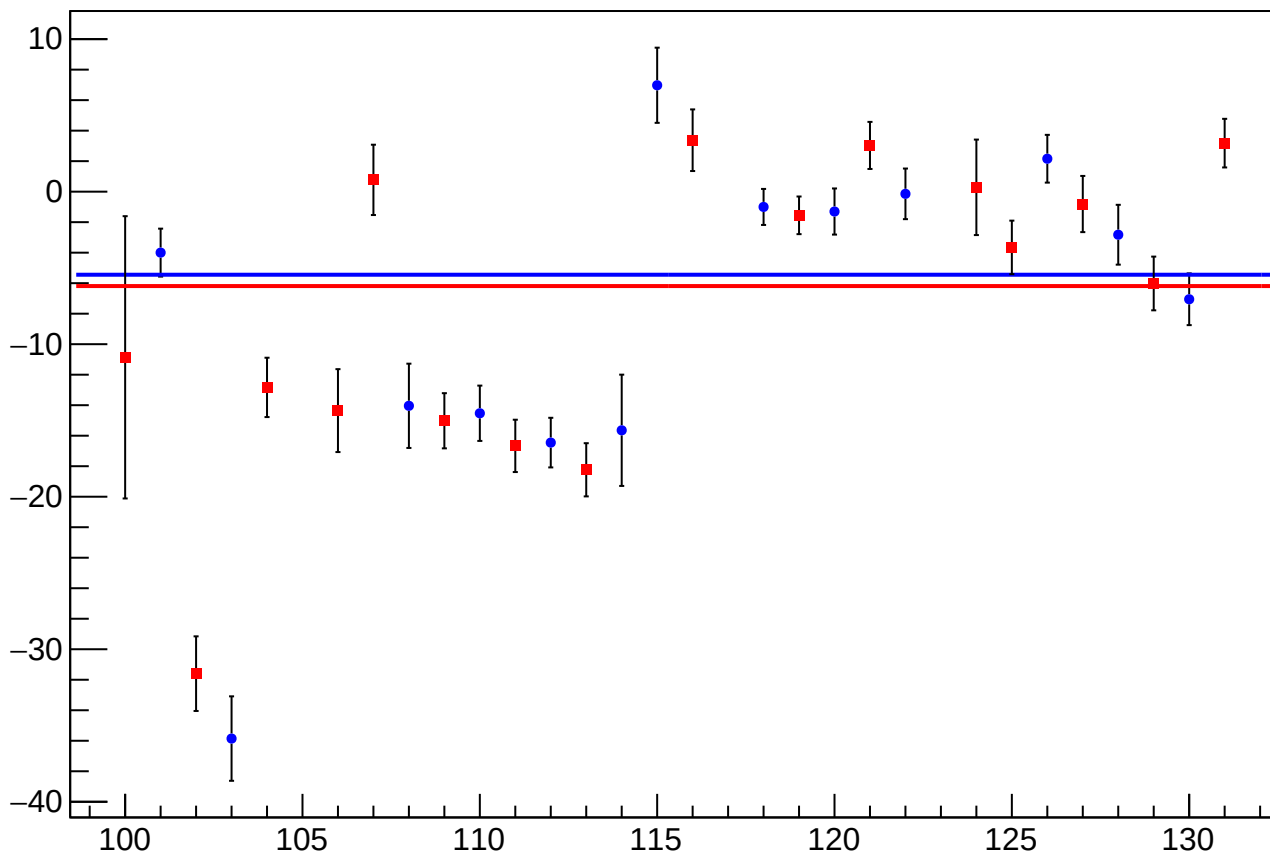
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.979+/-0.303 χ^2/NDF : 890.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -5.446+/-0.493 χ^2 /NDF: 293.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -6.189+/-0.471 χ^2 /NDF: 368.5/15

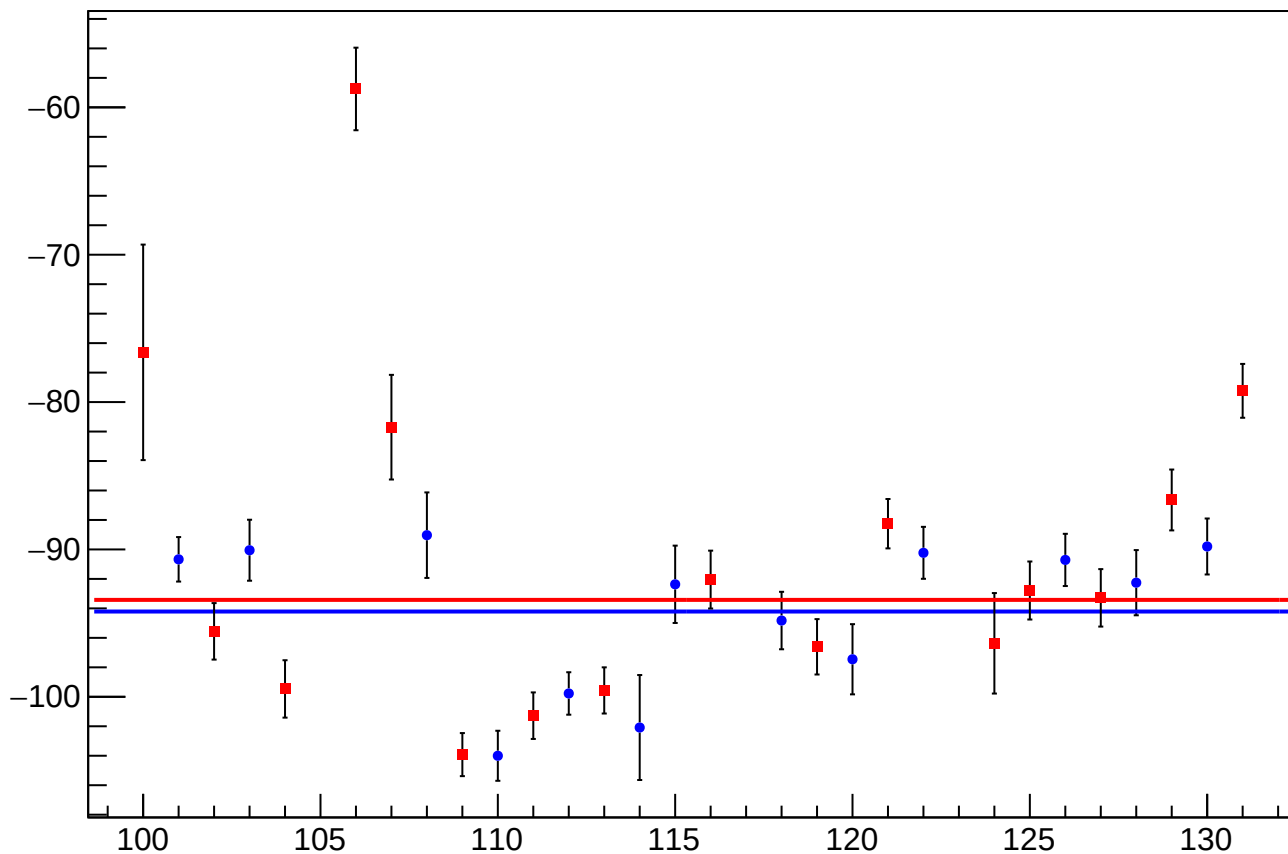
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -5.834+/-0.341 χ^2 /NDF: 663.1/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -94.213 ± 0.542 $\chi^2/\text{NDF}: 83.4/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -93.424 ± 0.495 $\chi^2/\text{NDF}: 356.7/15$

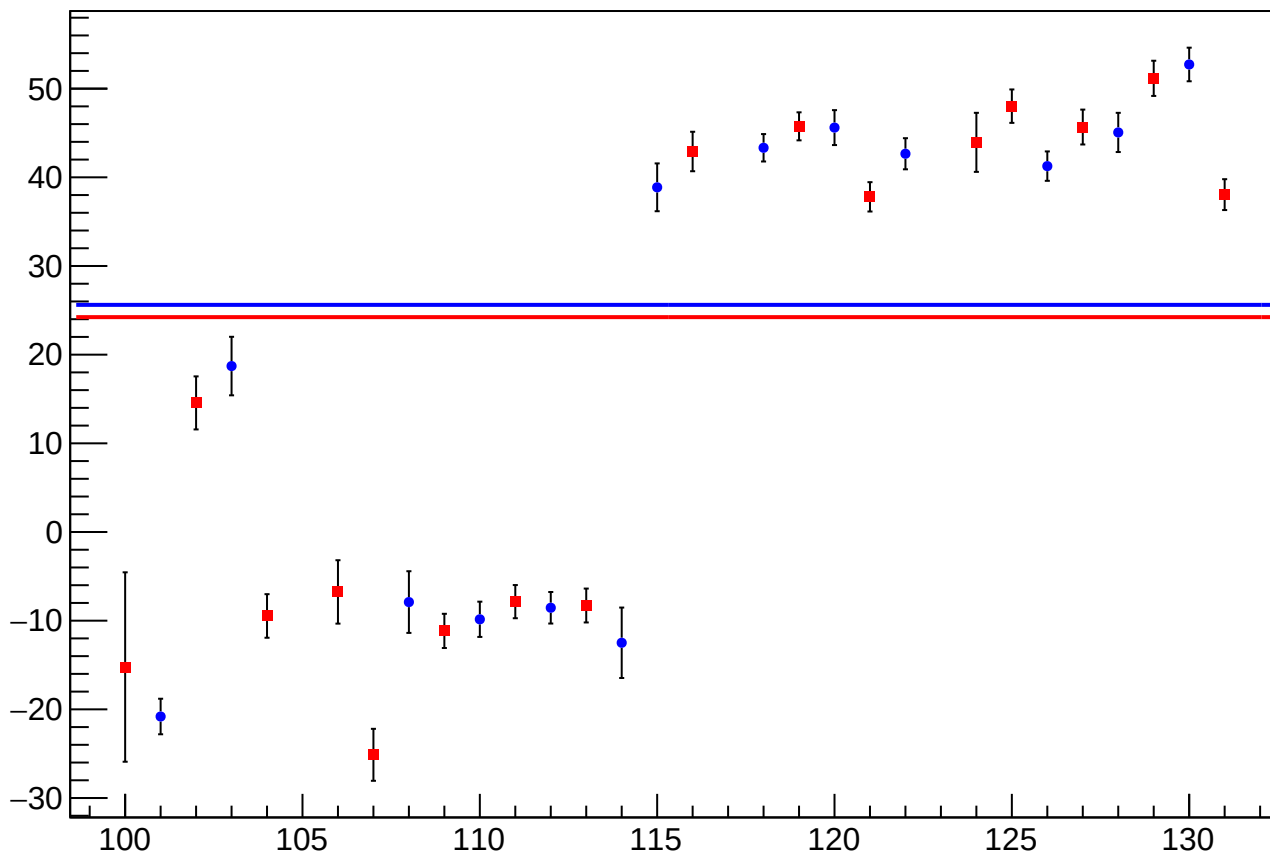
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -93.783 ± 0.366 $\chi^2/\text{NDF}: 441.3/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 25.616+/-0.573 χ^2/NDF : 2136.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.232+/-0.535 χ^2/NDF : 2374.8/15

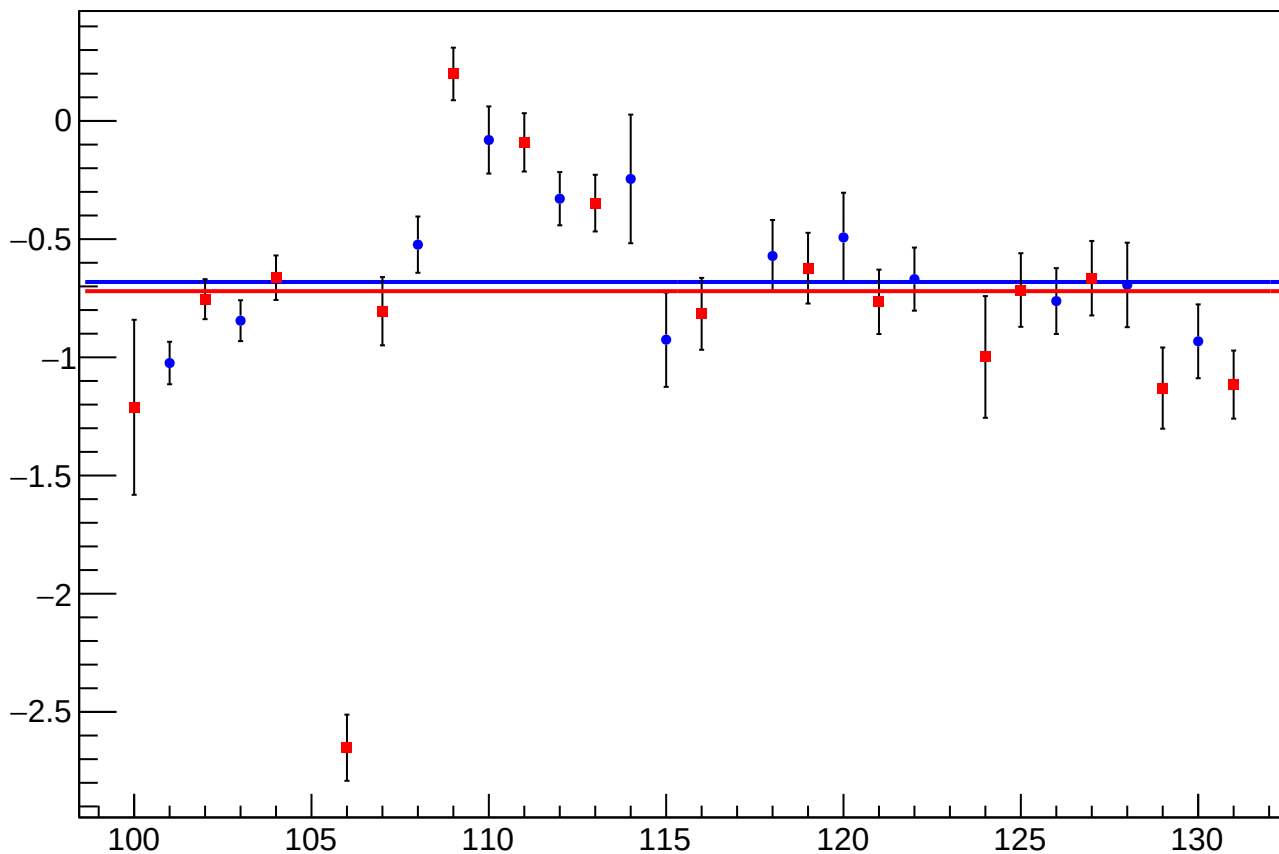
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.876+/-0.391 χ^2/NDF : 4514.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.681+/-0.037 χ^2 /NDF: 56.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.720+/-0.033 χ^2 /NDF: 312.6/15

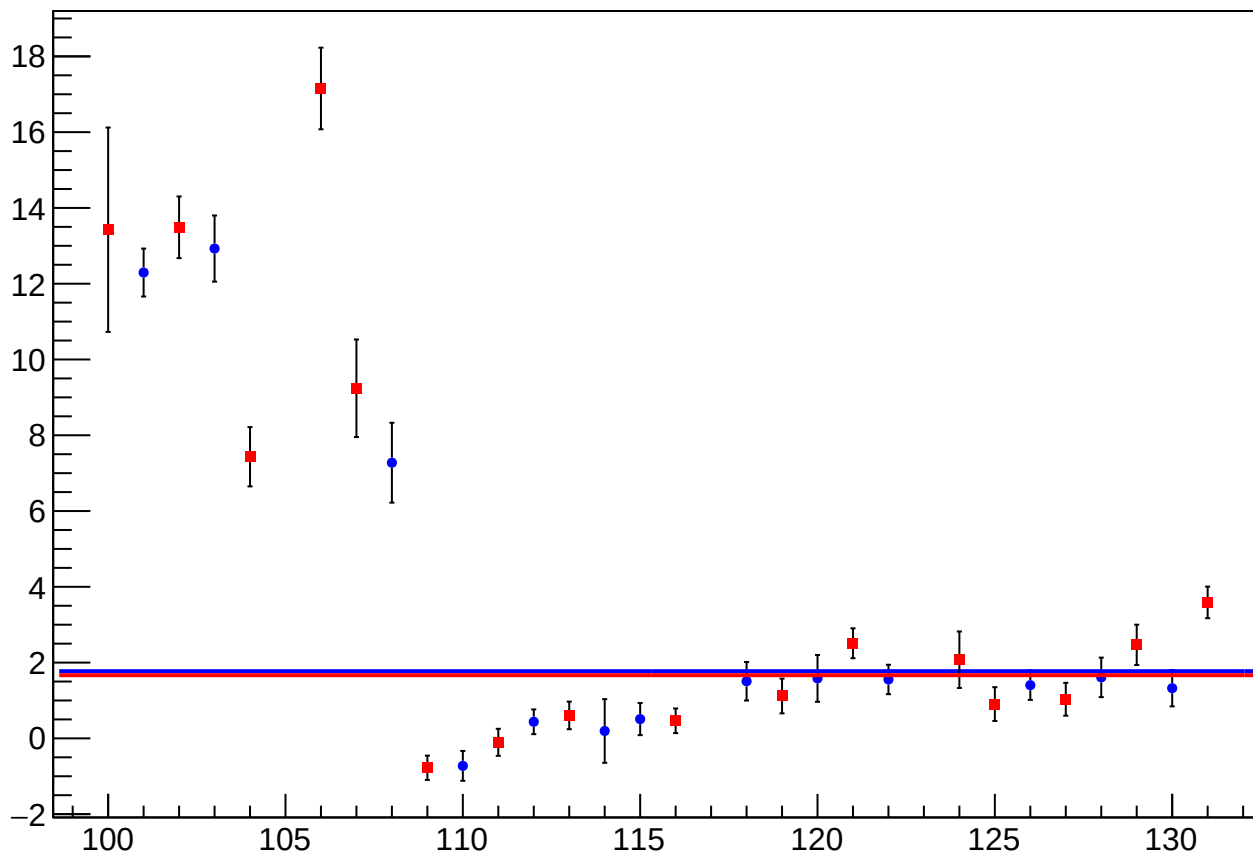
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.702+/-0.025 χ^2 /NDF: 369.3/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 1.773 $\pm$ 0.135 χ^2 /NDF: 538.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.667 $\pm$ 0.118 χ^2 /NDF: 665.3/15

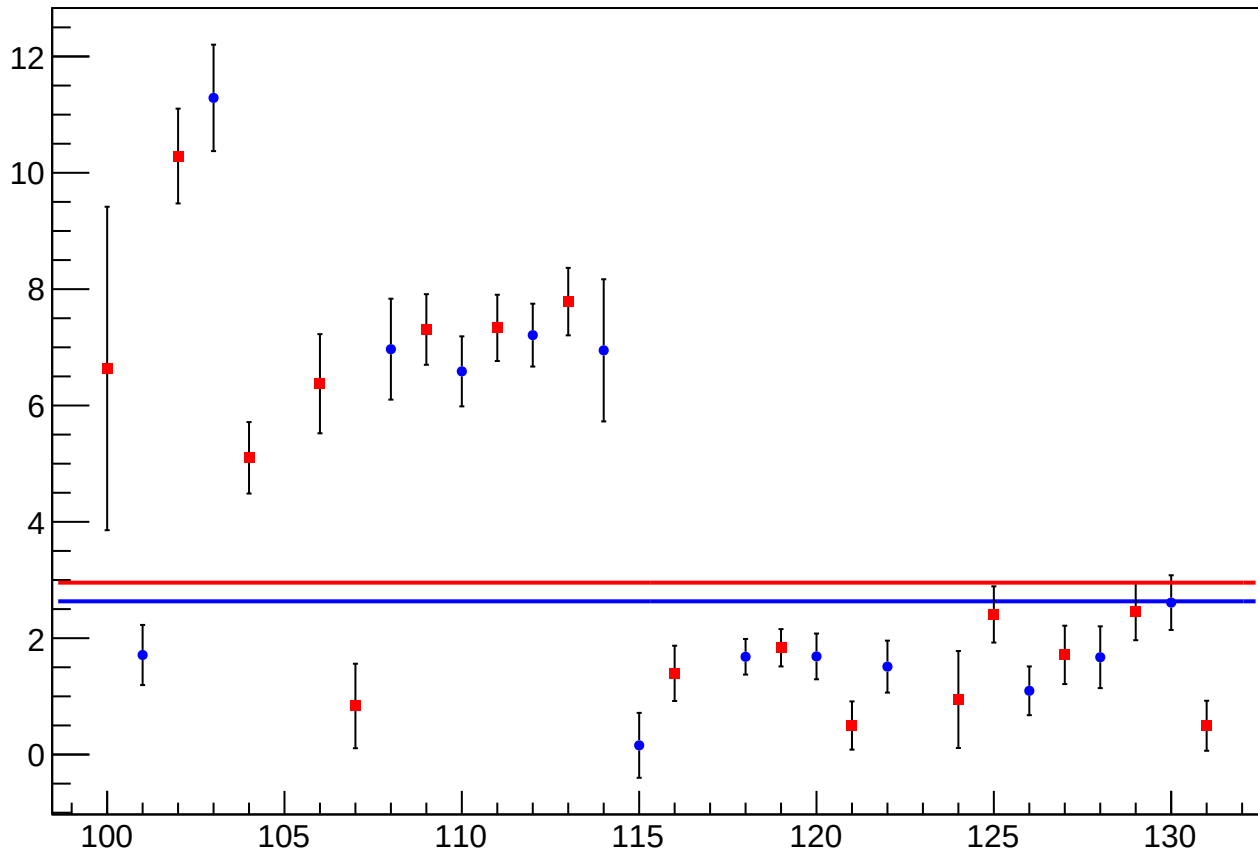
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.713 $\pm$ 0.089 χ^2 /NDF: 1204.1/28

- 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: 2.634+/-0.138 χ^2/NDF : 303.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.955+/-0.134 χ^2/NDF : 404.6/15

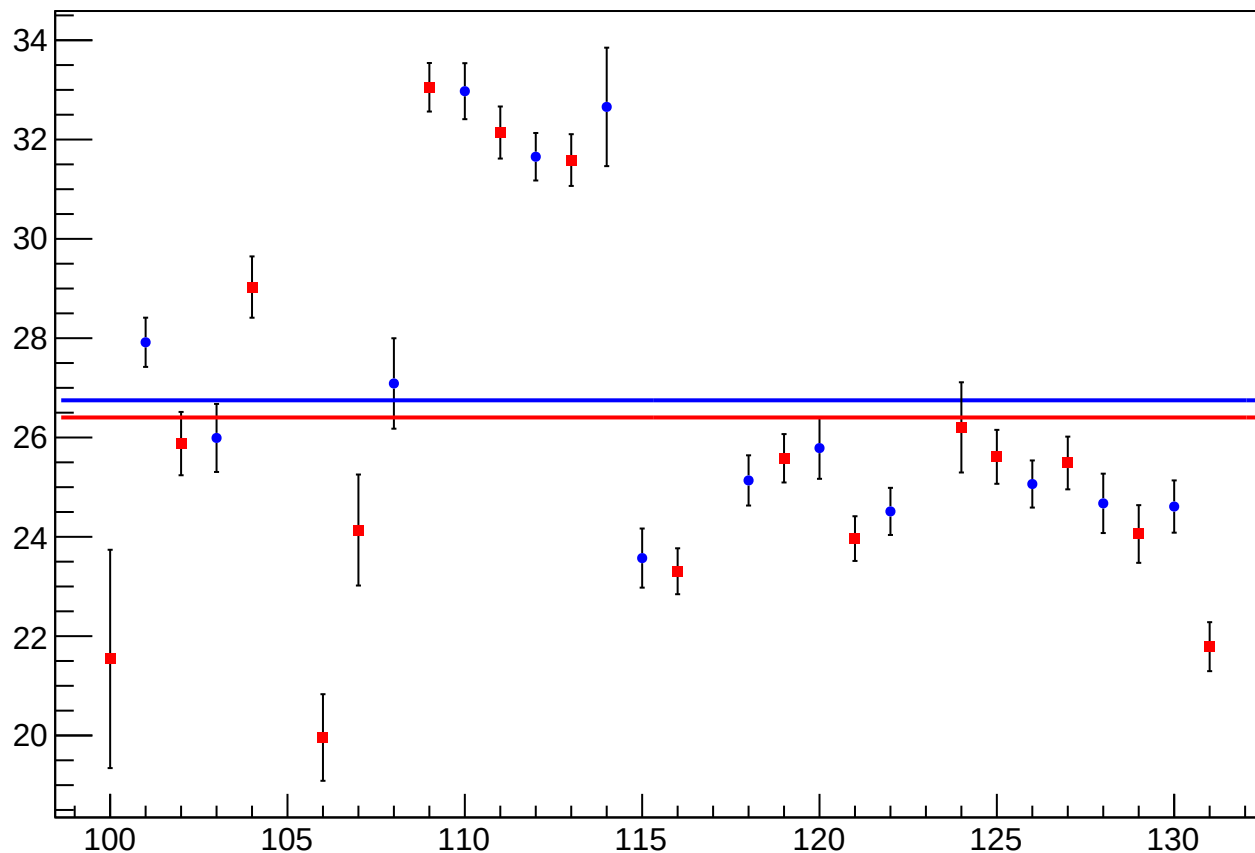
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.799+/-0.096 χ^2/NDF : 710.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 26.749 $\pm$ 0.158 χ^2 /NDF: 363.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 26.404 $\pm$ 0.144 χ^2 /NDF: 672.3/15

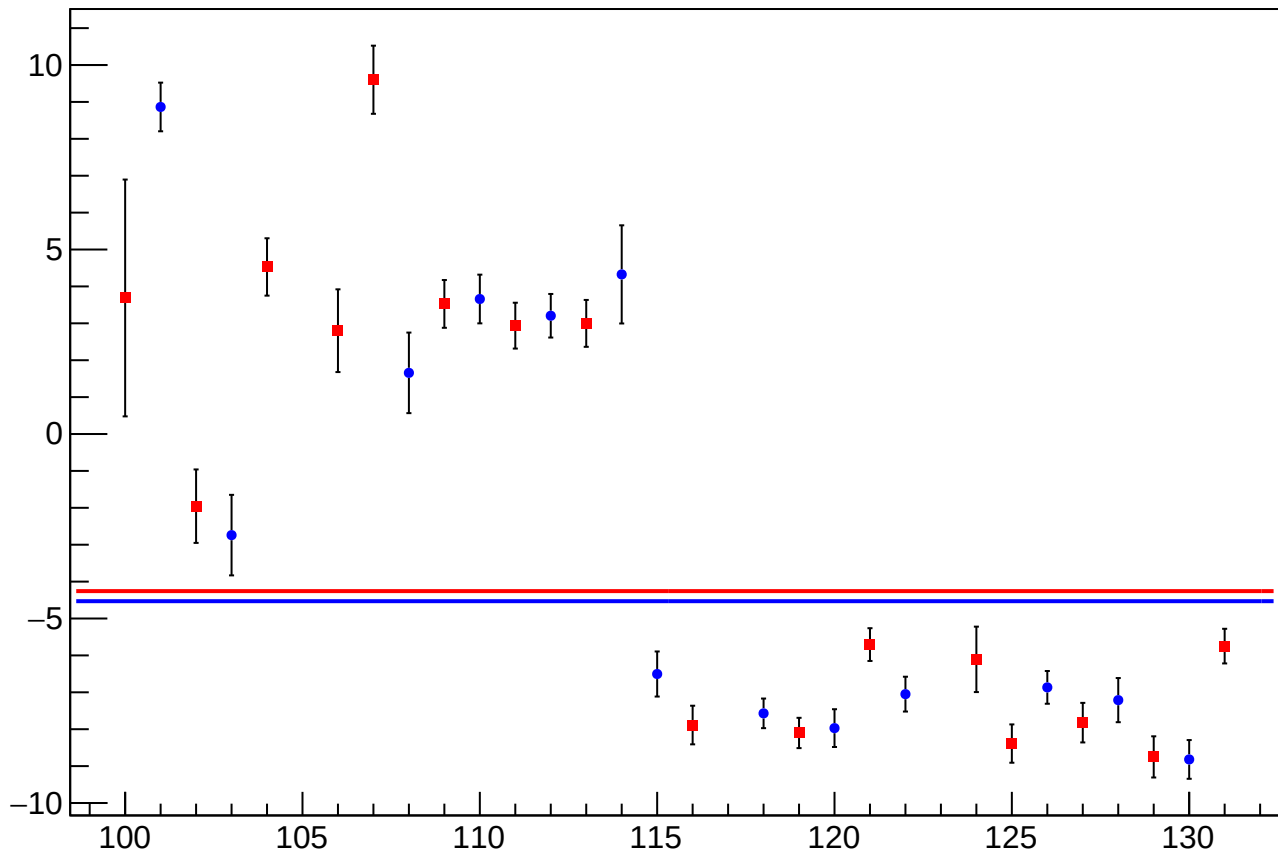
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26.561 $\pm$ 0.106 χ^2 /NDF: 1037.9/28

- 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: -4.530 ± 0.161 χ^2/NDF : 1073.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.257 ± 0.152 χ^2/NDF : 1146.4/15

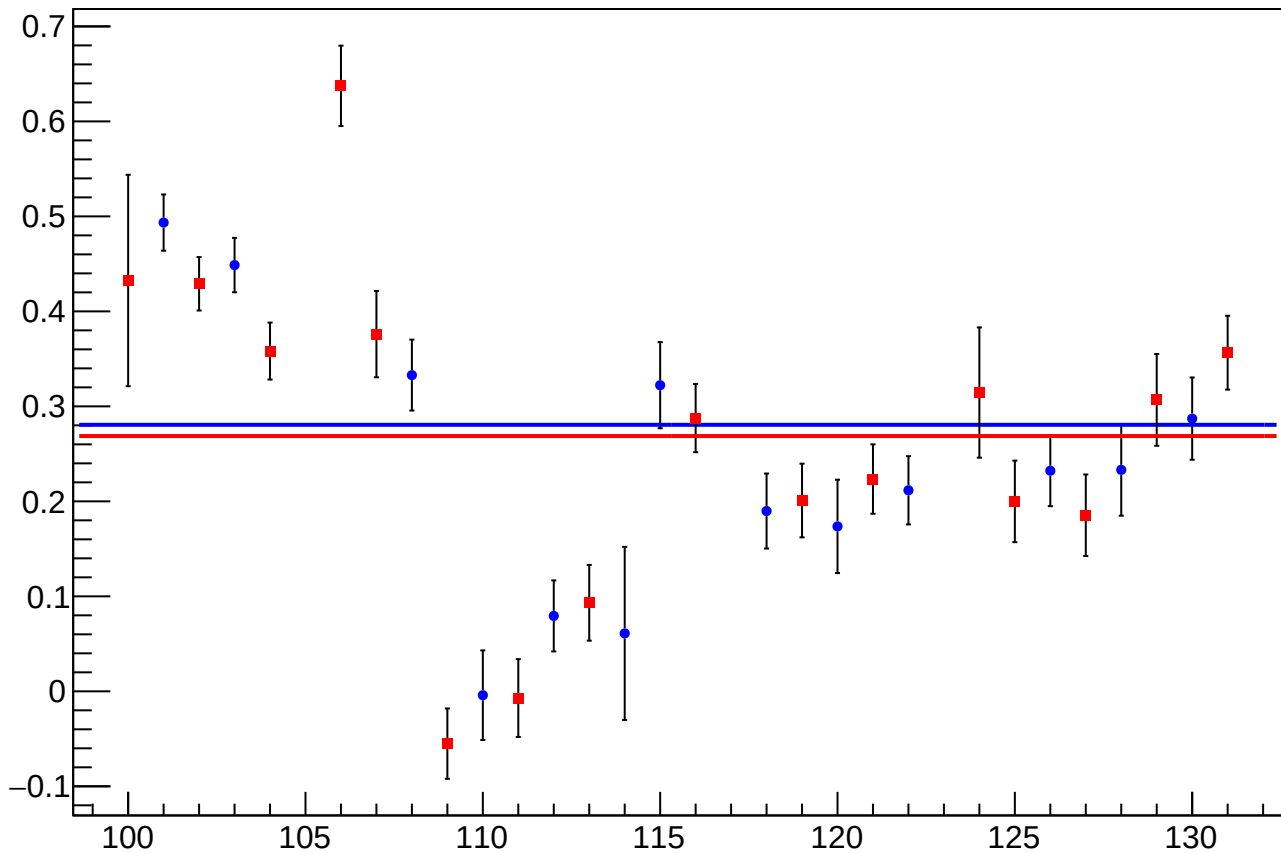
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.386 ± 0.111 χ^2/NDF : 2221.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.281 $\pm$ 0.011 χ^2 /NDF: 176.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.269 $\pm$ 0.010 χ^2 /NDF: 283.9/15

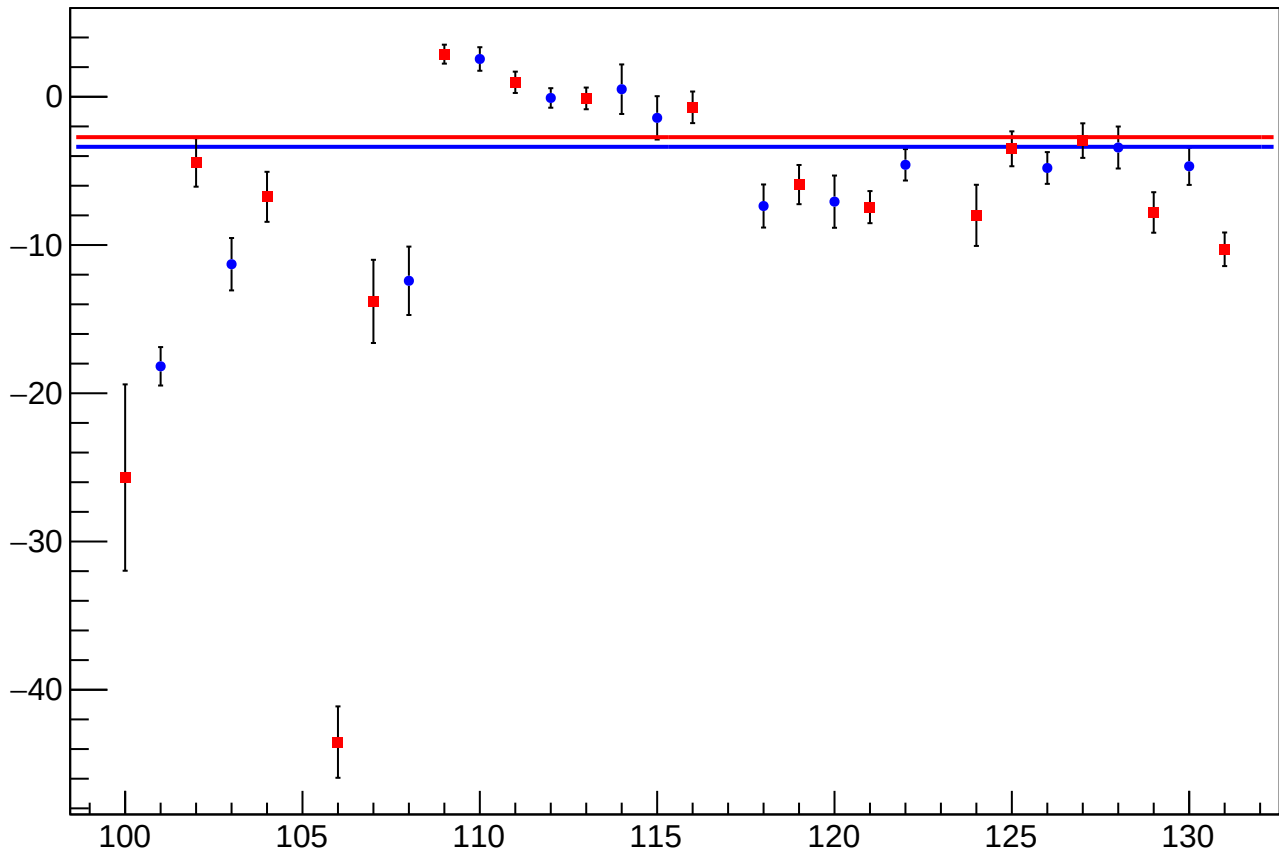
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.274 $\pm$ 0.007 χ^2 /NDF: 461.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



Right In: -3.375+/-0.324 χ^2/NDF : 269.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.724+/-0.282 χ^2/NDF : 532.6/15

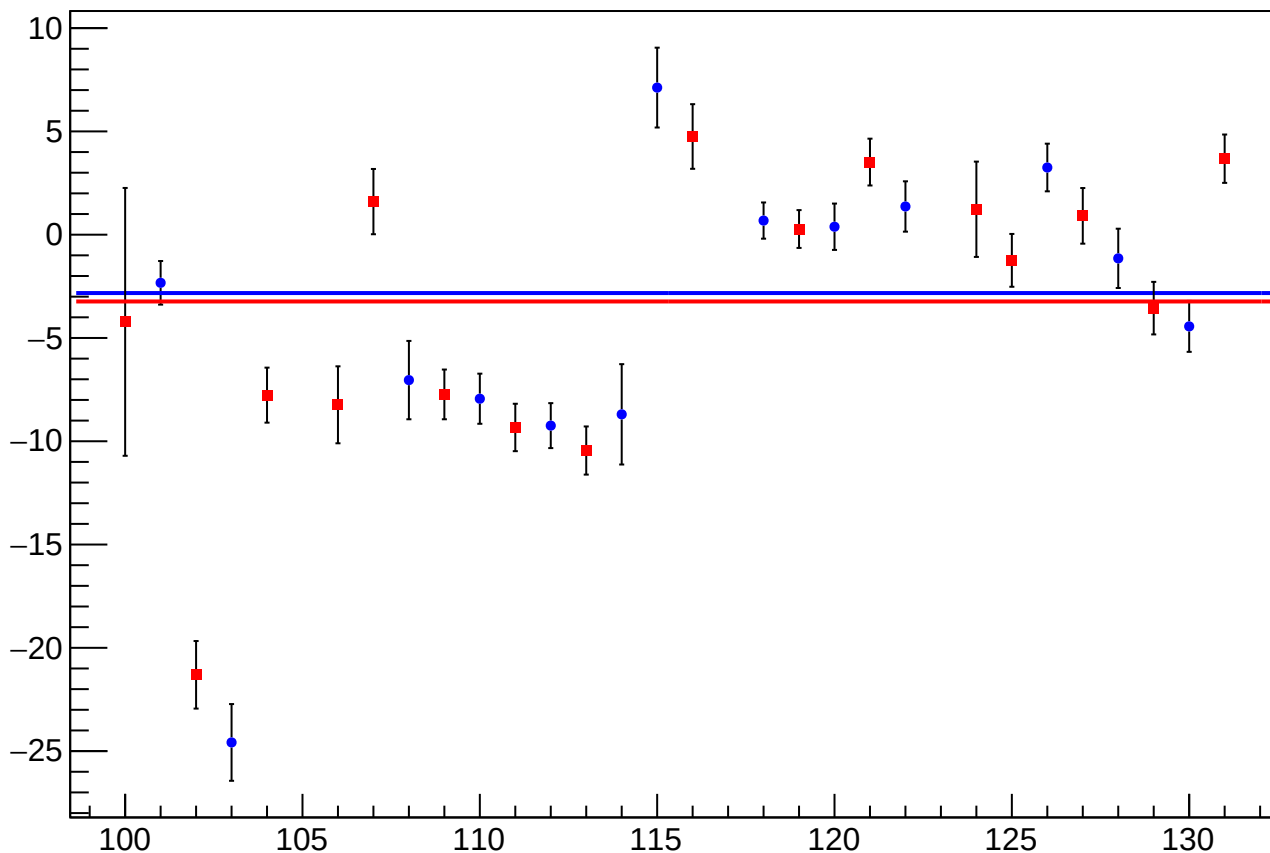
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.004+/-0.213 χ^2/NDF : 804.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -2.825+/-0.352 χ^2/NDF : 294.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.233+/-0.335 χ^2/NDF : 357.6/15

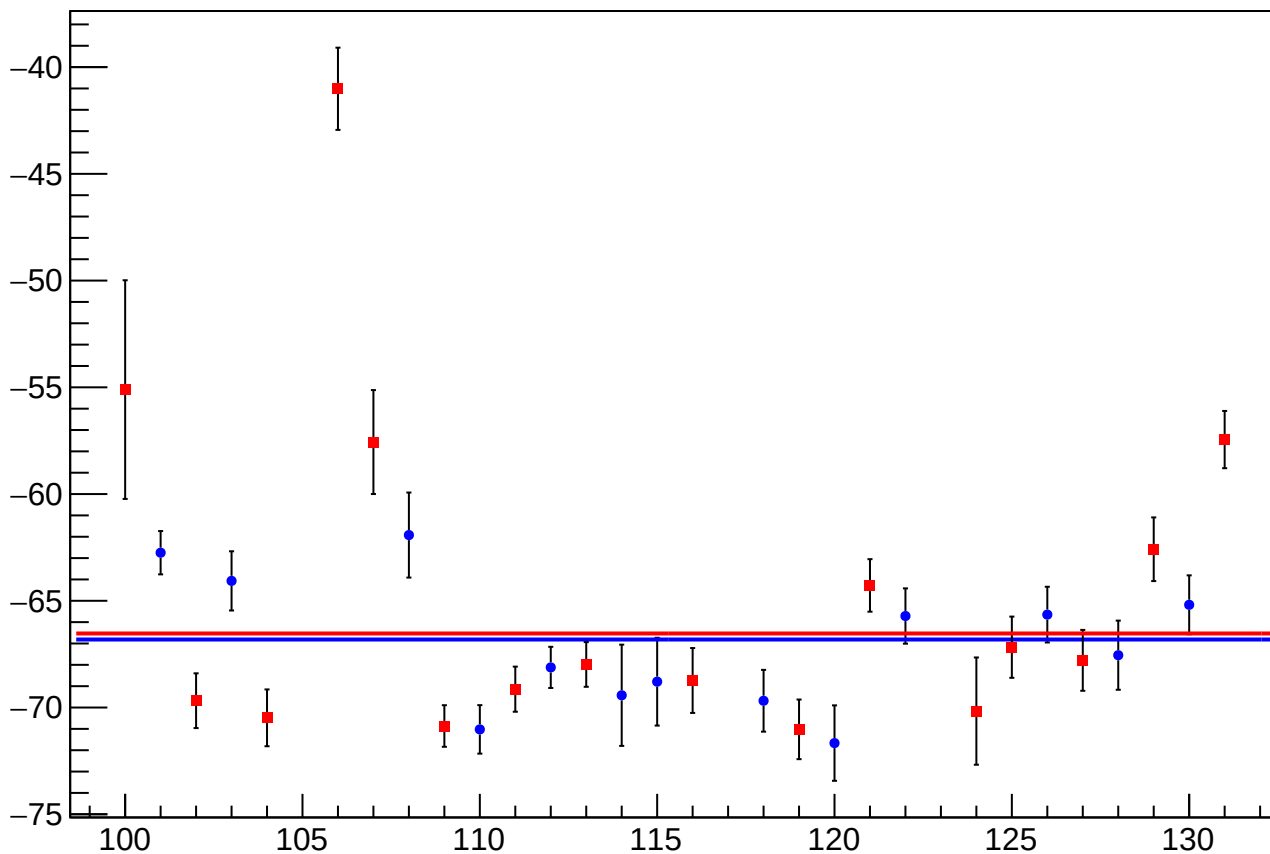
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.039+/-0.242 χ^2/NDF : 652.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -66.814+/-0.381 χ^2/NDF : 58.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -66.531+/-0.348 χ^2/NDF : 308.5/15

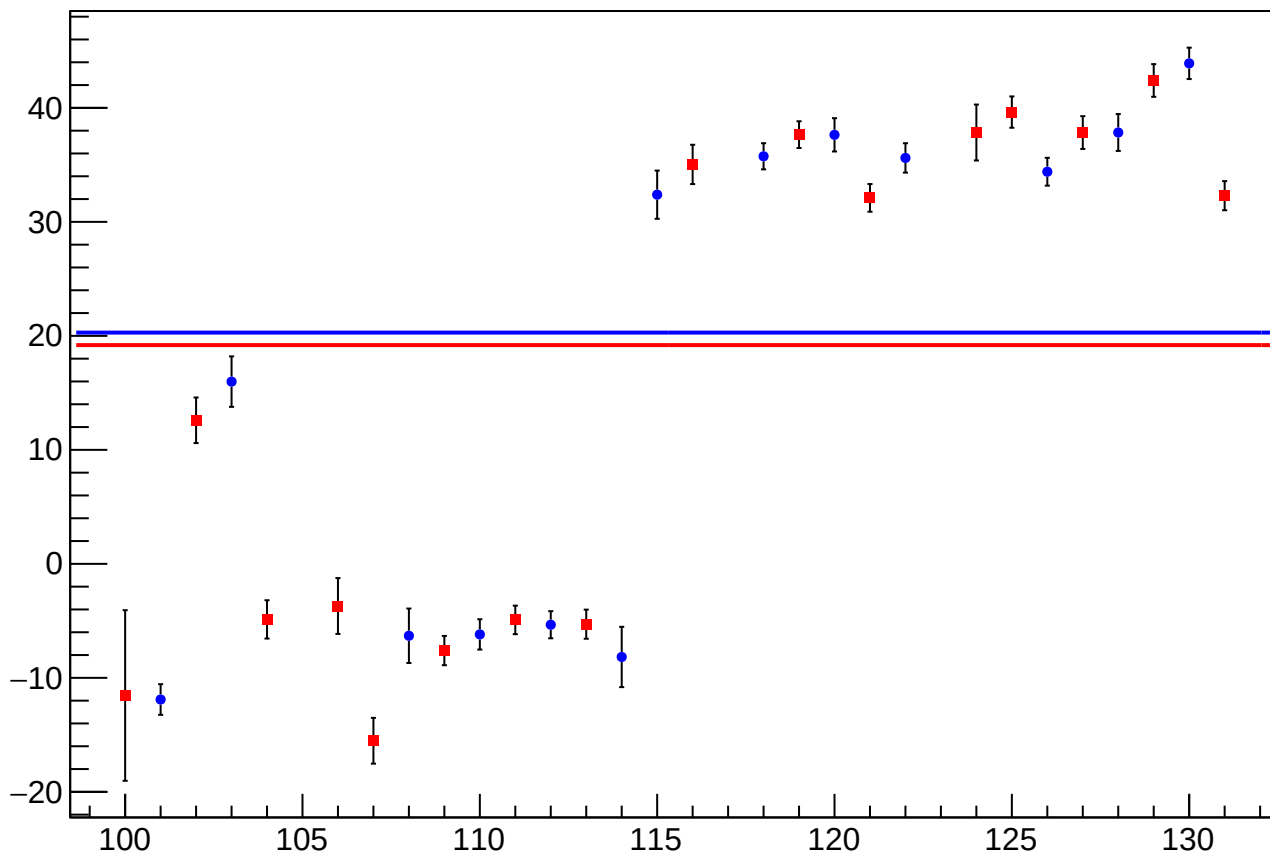
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -66.660+/-0.257 χ^2/NDF : 367.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 20.286+/-0.409 χ^2/NDF : 2718.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.189+/-0.380 χ^2/NDF : 3052.7/15

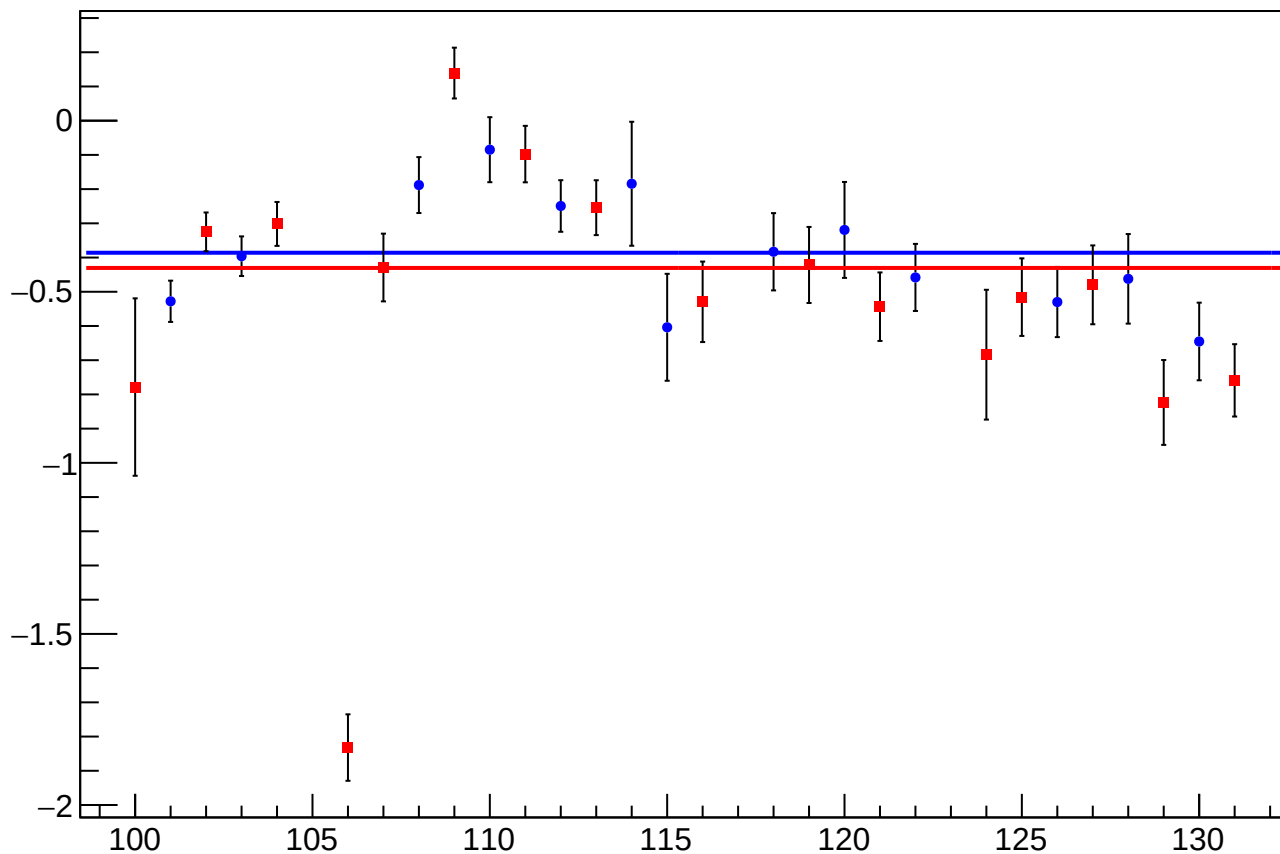
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.698+/-0.278 χ^2/NDF : 5775.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.386 ± 0.025 χ^2/NDF : 36.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.430 ± 0.023 χ^2/NDF : 321.7/15

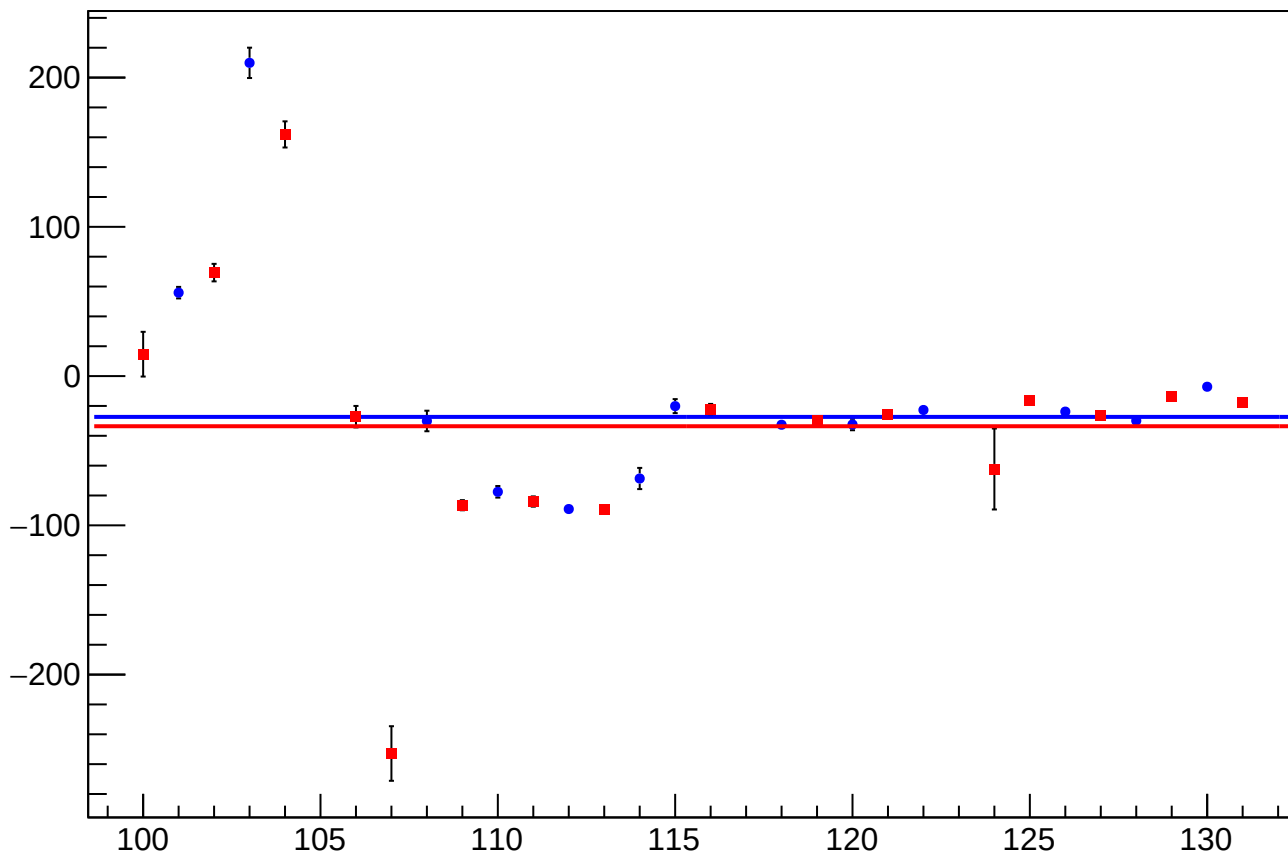
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.410 ± 0.017 χ^2/NDF : 359.7/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: -27.341 ± 1.022 χ^2/NDF : 1658.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -33.598 ± 0.961 χ^2/NDF : 1822.8/15

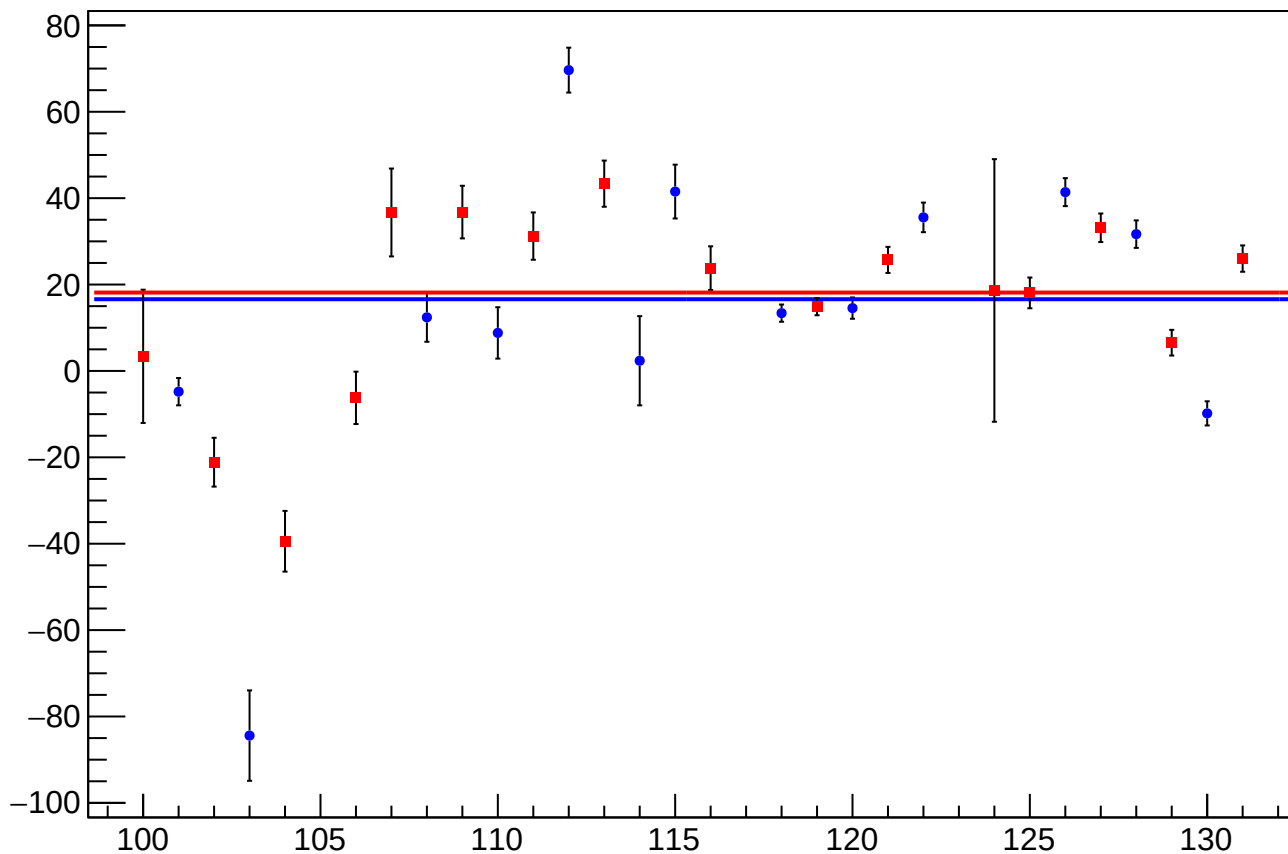
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -30.662 ± 0.700 χ^2/NDF : 3501.1/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.601 $\pm$ 0.970 χ^2 /NDF: 467.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.145 $\pm$ 1.008 χ^2 /NDF: 225.9/15

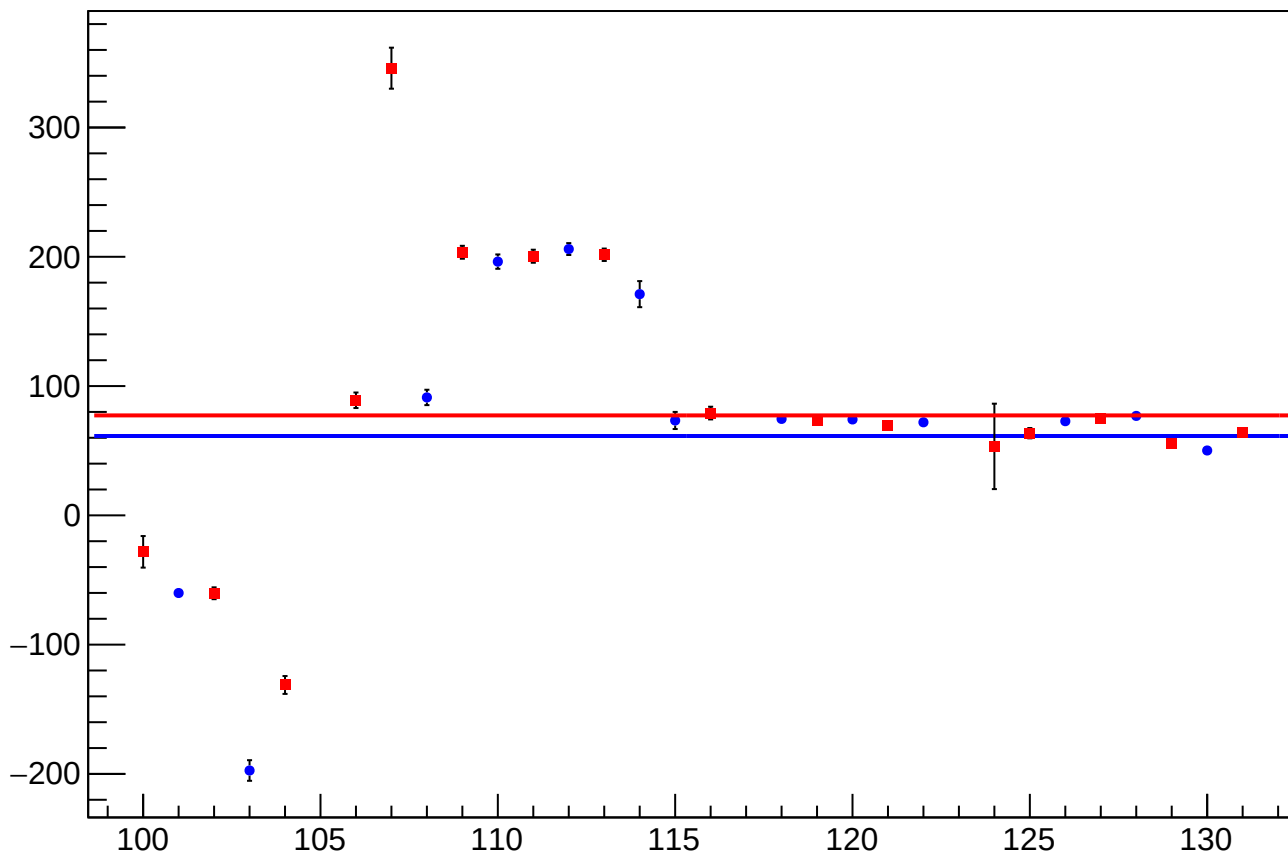
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.343 $\pm$ 0.699 χ^2 /NDF: 694.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 61.381+/-1.142 χ^2/NDF : 4473.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.308+/-1.126 χ^2/NDF : 4152.0/15

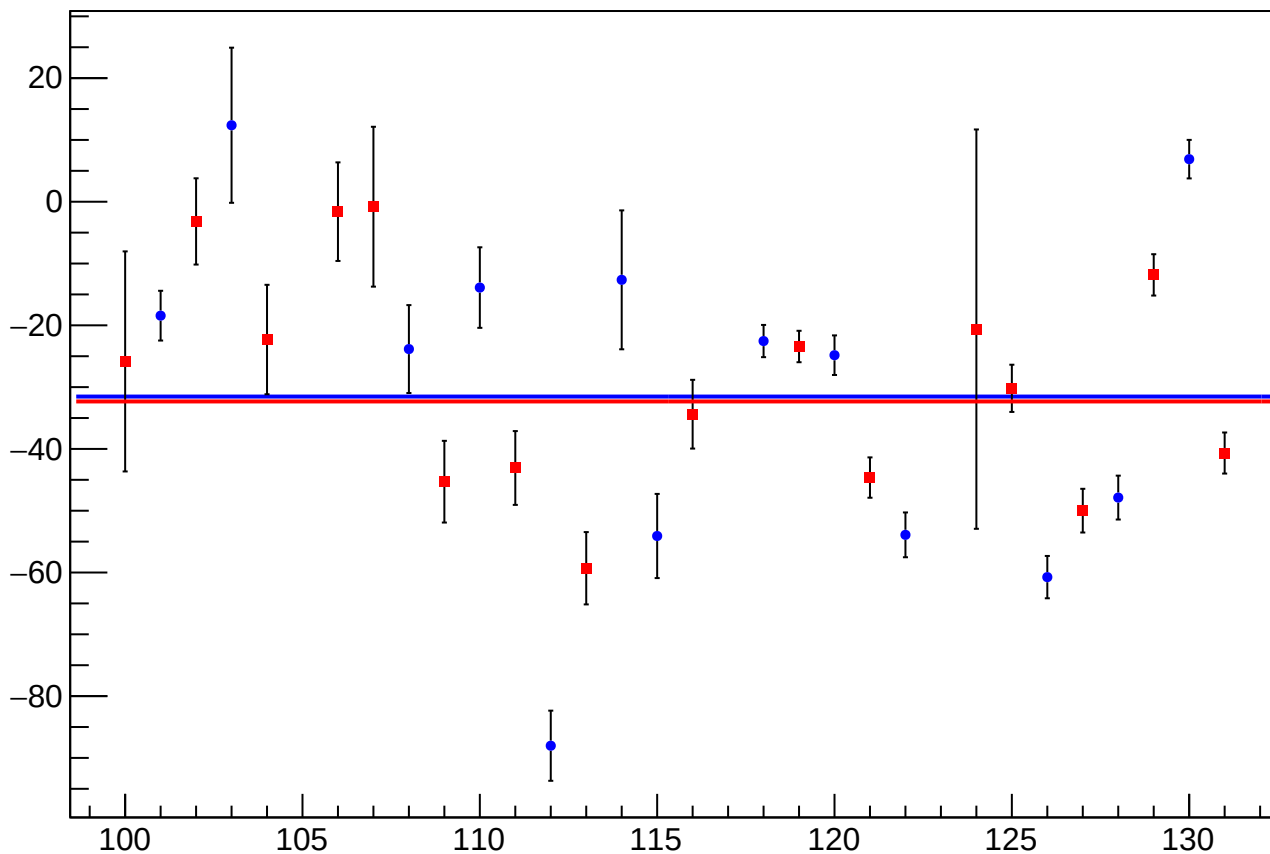
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.459+/-0.802 χ^2/NDF : 8723.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -31.528 ± 1.147 χ^2/NDF : 444.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -32.317 ± 1.156 χ^2/NDF : 163.8/15

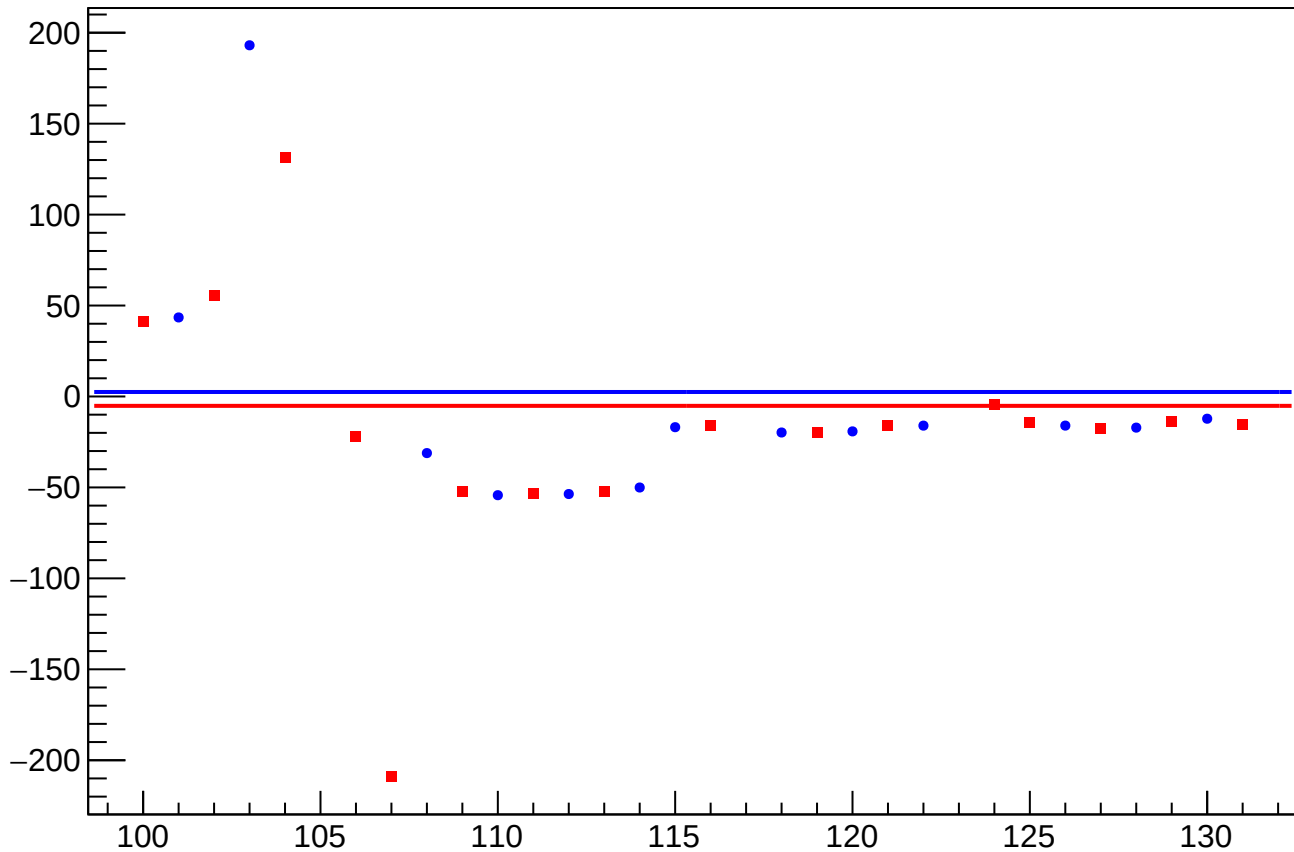
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.919 ± 0.814 χ^2/NDF : 608.4/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: 2.471 $\pm$ 0.081 χ^2 /NDF: 467987.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -5.154 $\pm$ 0.079 χ^2 /NDF: 421518.6/15

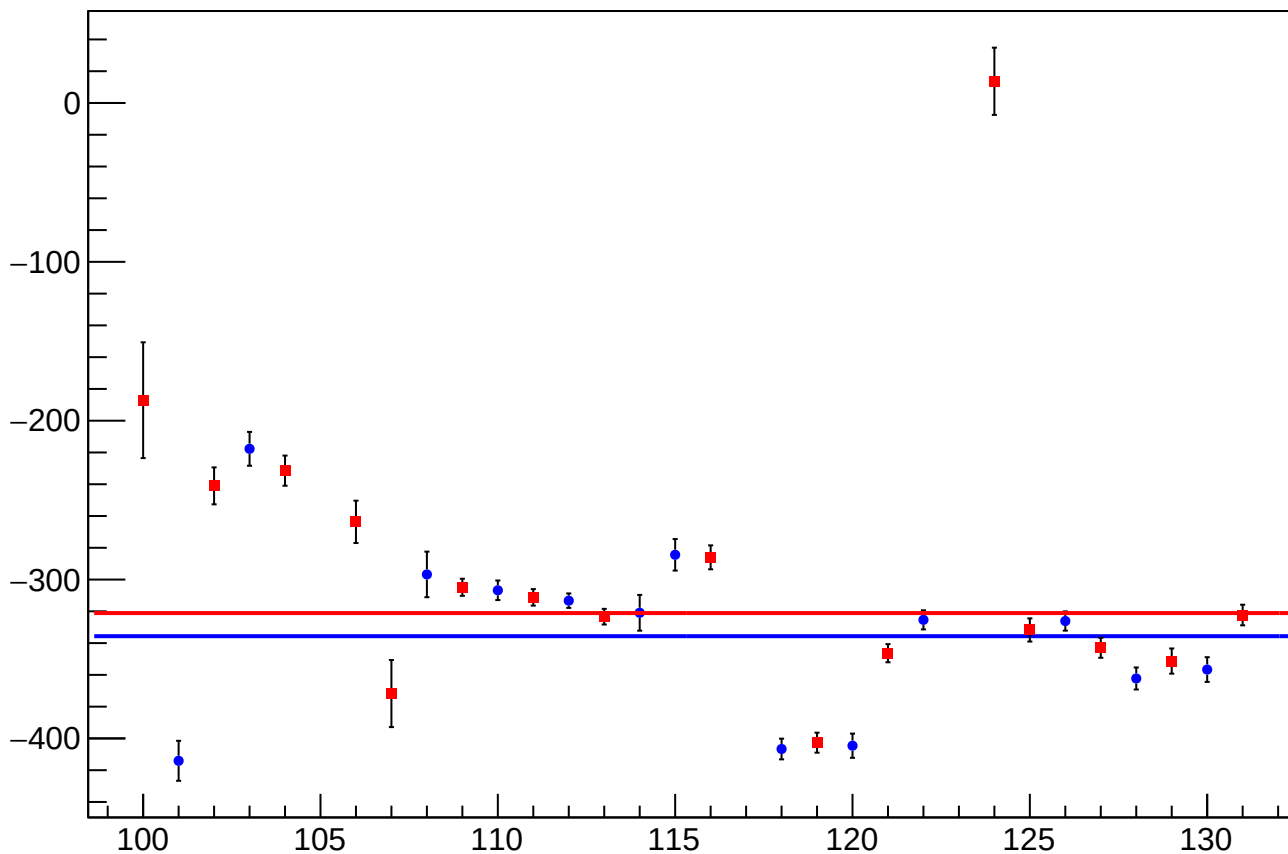
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.402 $\pm$ 0.056 χ^2 /NDF: 894061.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl2_diff_bpm1X_slope vs Slug



Right In: -335.649+/-2.018 χ^2/NDF : 471.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -321.096+/-1.827 χ^2/NDF : 675.9/15

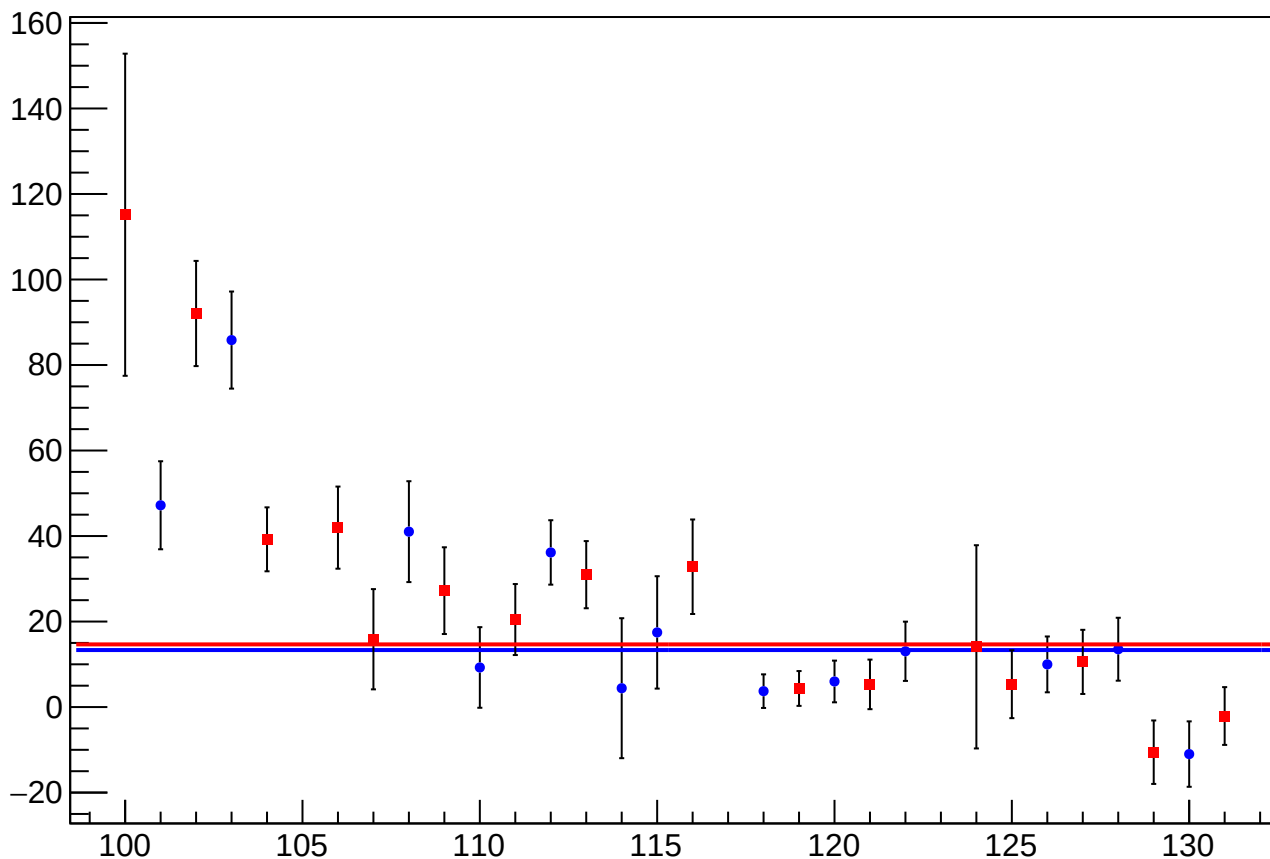
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -327.654+/-1.354 χ^2/NDF : 1175.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: 13.334 $\pm$ 2.003 χ^2 /NDF: 85.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.658 $\pm$ 1.971 χ^2 /NDF: 103.0/15

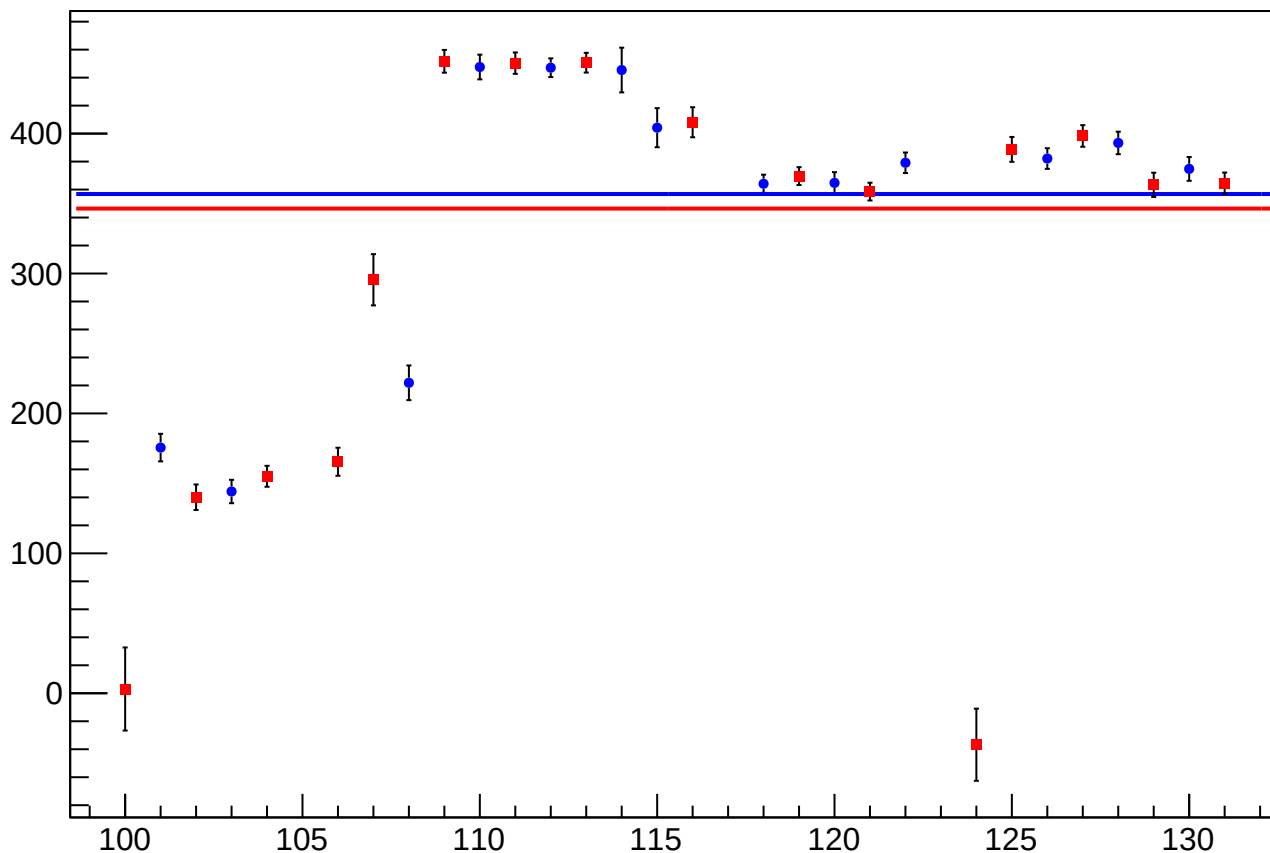
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.007 $\pm$ 1.405 χ^2 /NDF: 188.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 356.804 $\pm$ 2.341 χ^2 /NDF: 1483.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 346.417 $\pm$ 2.153 χ^2 /NDF: 2552.0/15

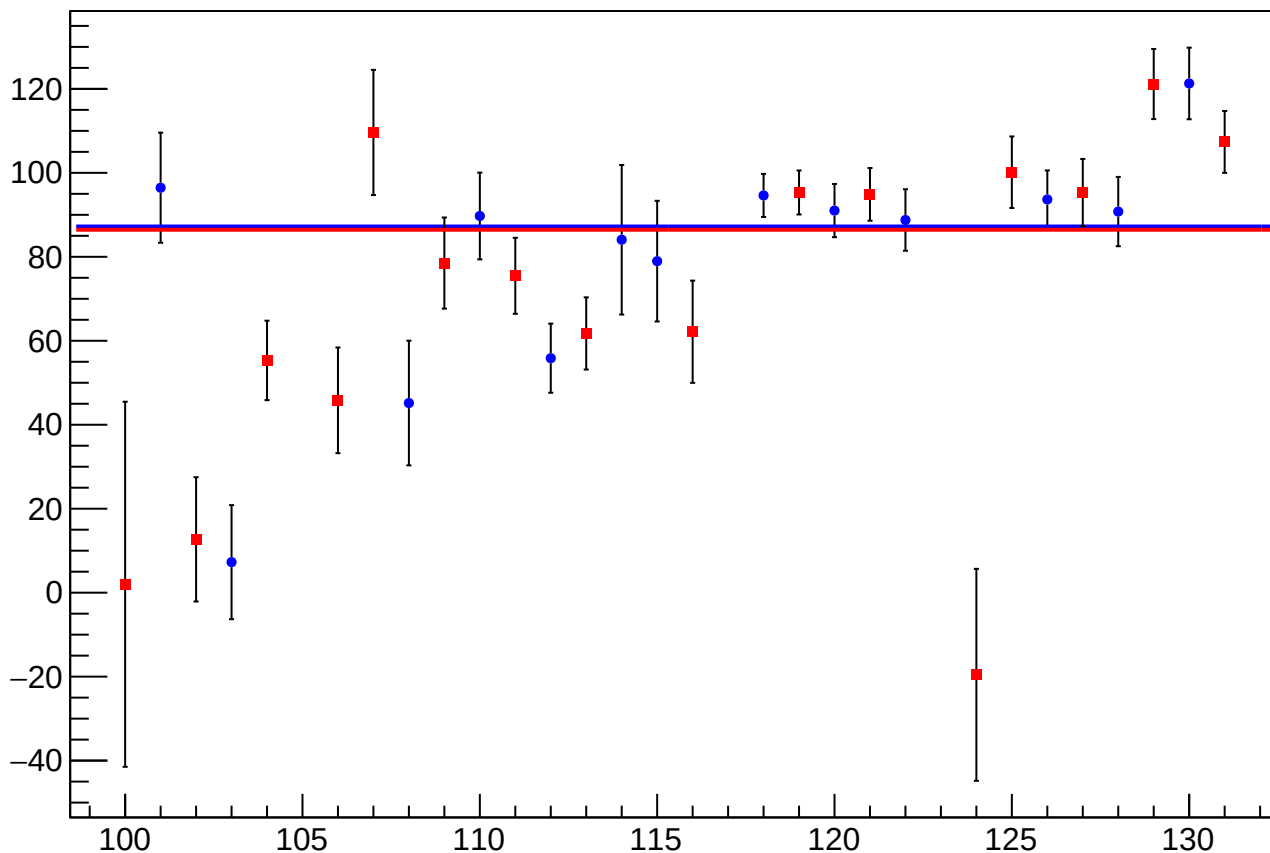
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 351.178 $\pm$ 1.585 χ^2 /NDF: 4046.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 87.216+/-2.366 χ^2/NDF : 77.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.450+/-2.273 χ^2/NDF : 118.0/15

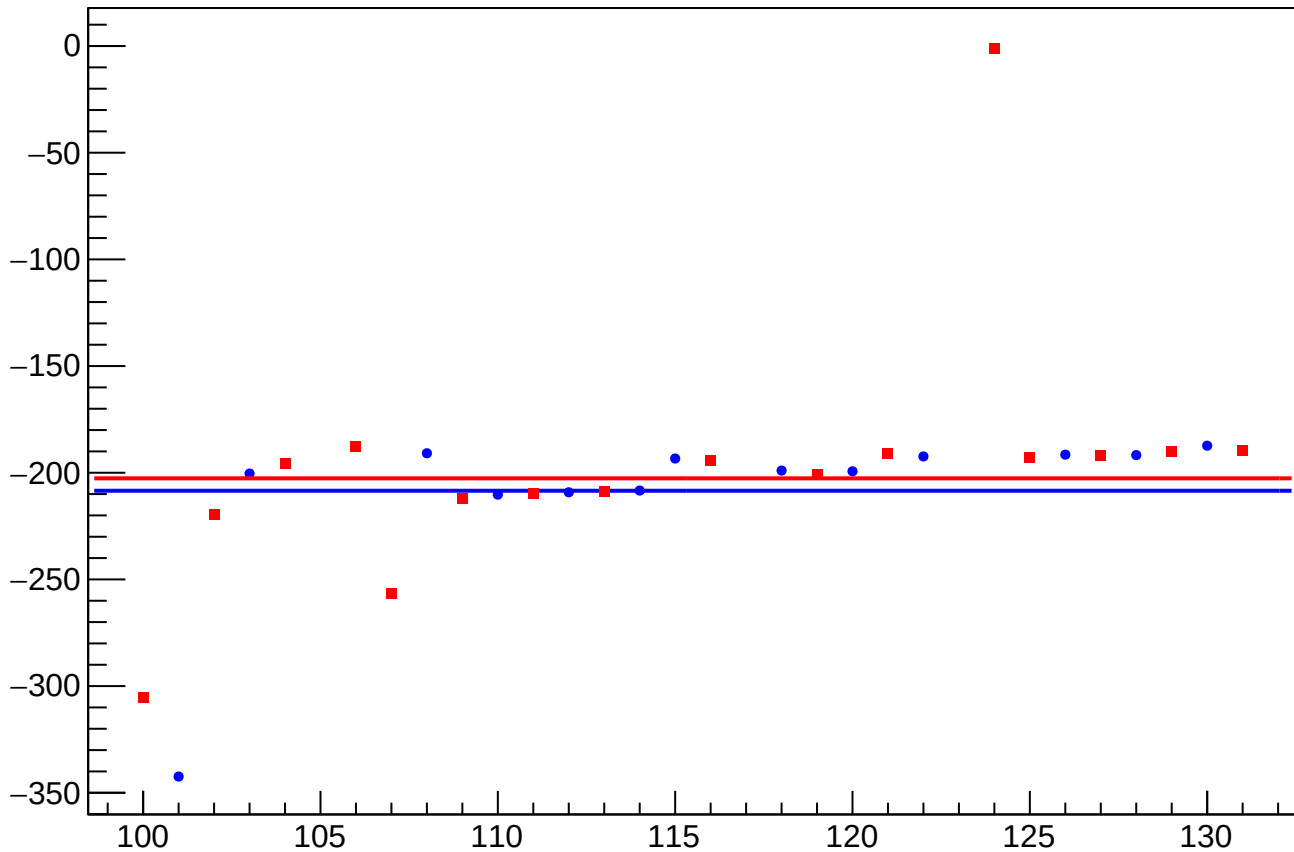
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.818+/-1.639 χ^2/NDF : 195.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -208.441 $\pm$ 0.160 χ^2 /NDF: 57594.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -202.622 $\pm$ 0.146 χ^2 /NDF: 25996.3/15

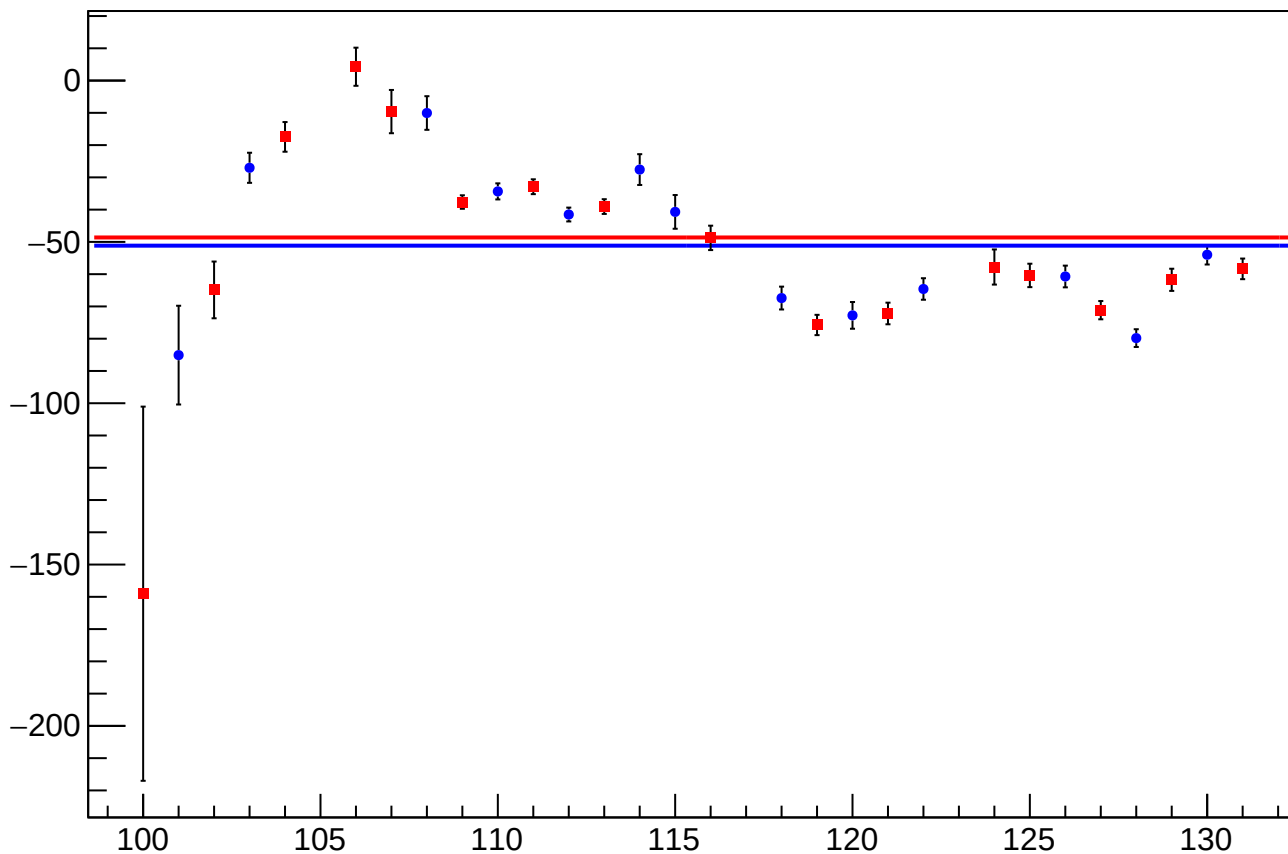
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -205.265 $\pm$ 0.108 χ^2 /NDF: 84315.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: -51.166 ± 0.952 χ^2/NDF : 370.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -48.627 ± 0.846 χ^2/NDF : 483.4/15

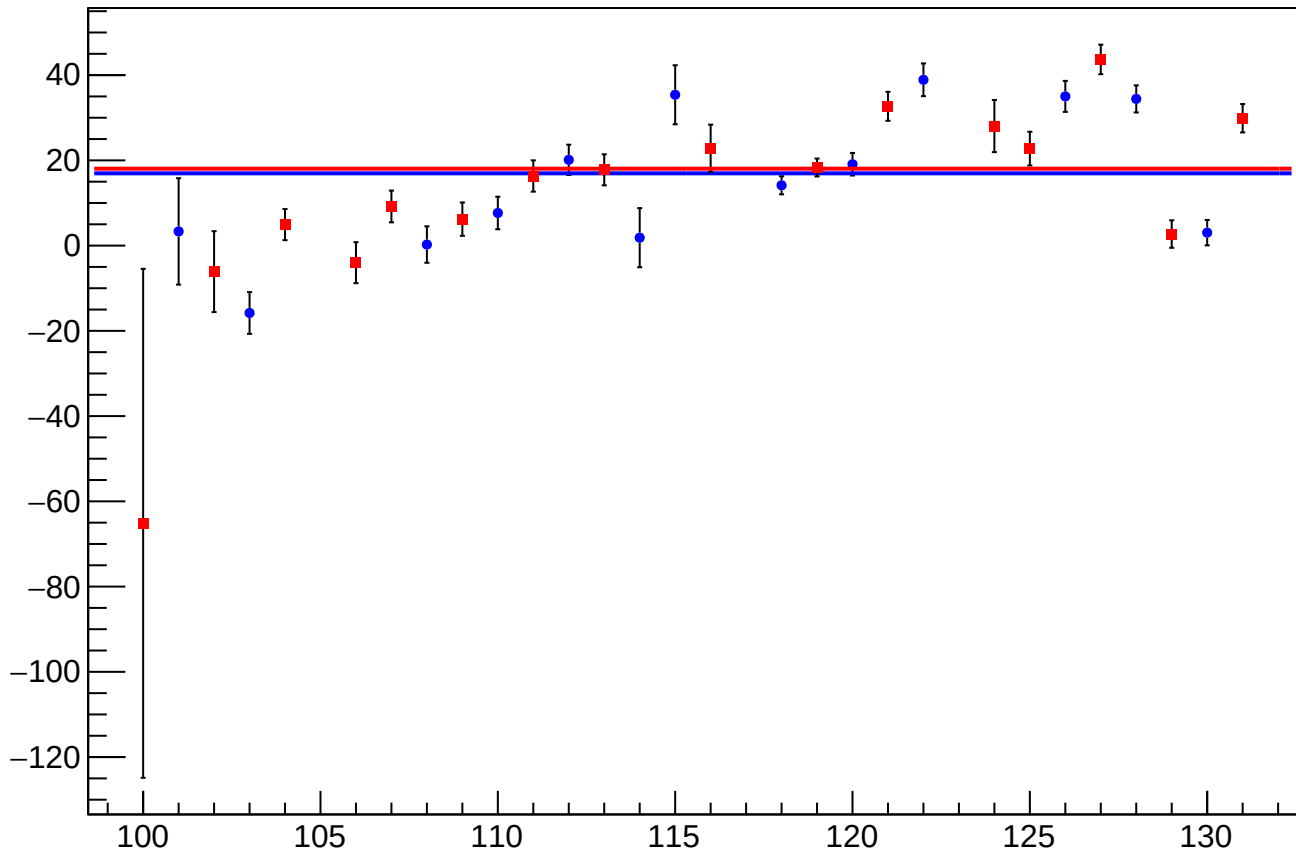
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -49.747 ± 0.632 χ^2/NDF : 857.4/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 16.960 $\pm$ 0.994 χ^2 /NDF: 191.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.050 $\pm$ 0.944 χ^2 /NDF: 170.7/15

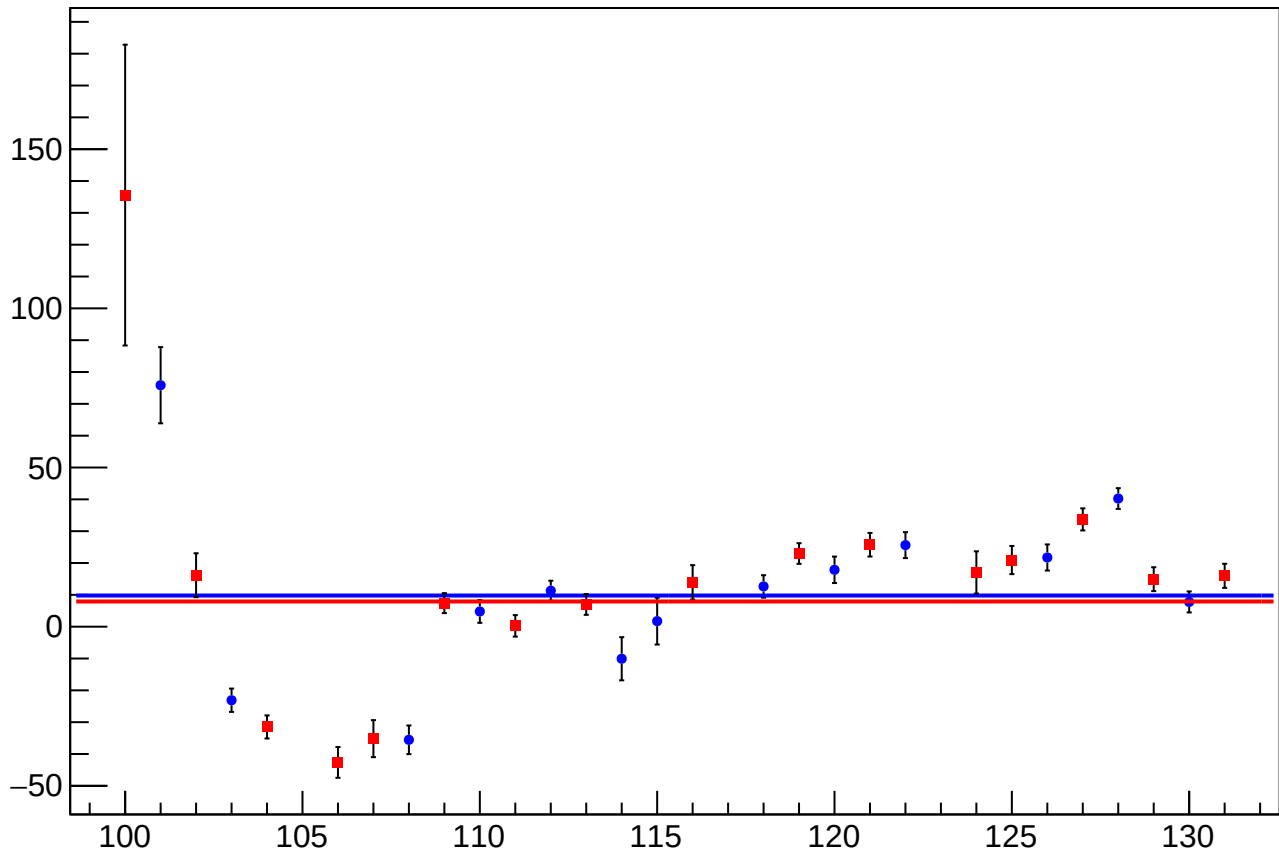
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.533 $\pm$ 0.684 χ^2 /NDF: 362.6/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 9.786 $\pm$ 1.122 χ^2 /NDF: 340.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.914 $\pm$ 1.025 χ^2 /NDF: 416.0/15

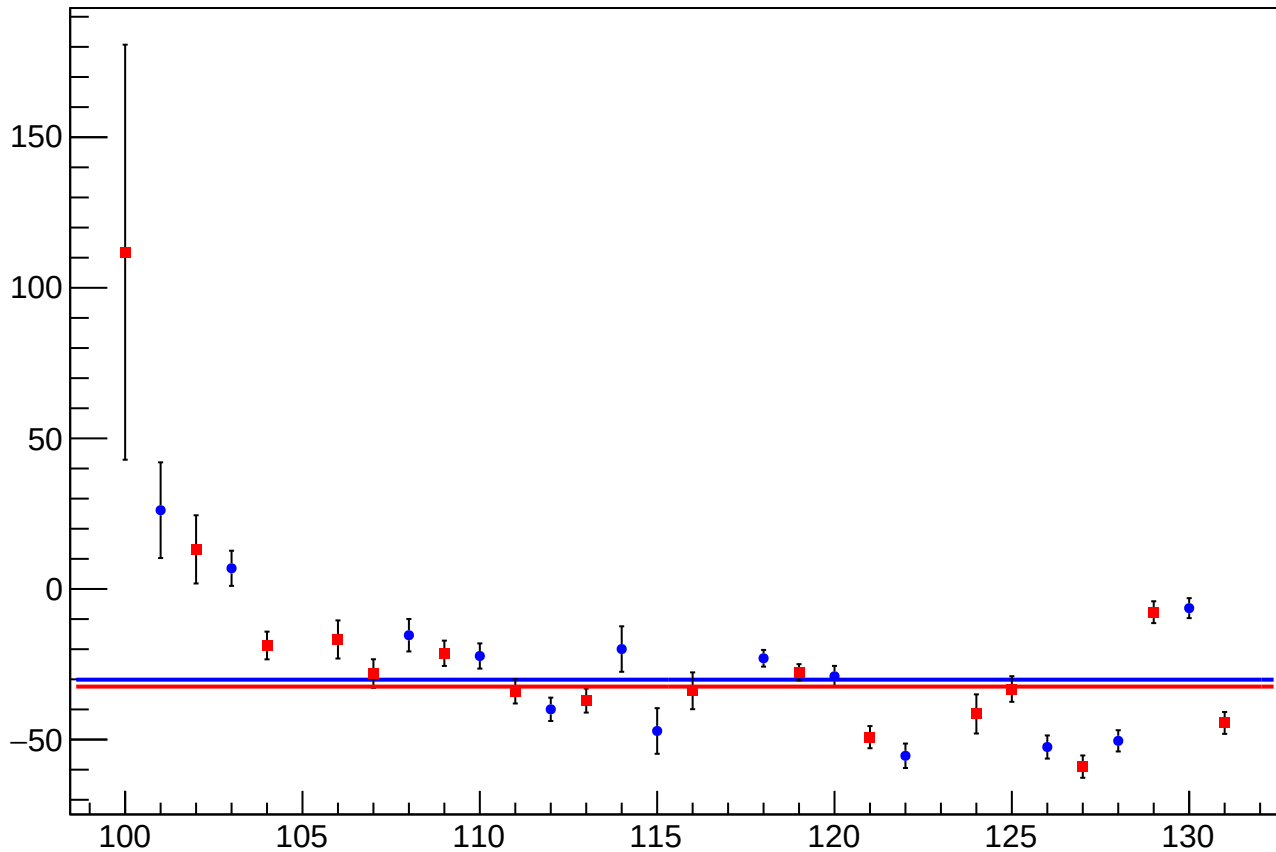
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.766 $\pm$ 0.757 χ^2 /NDF: 758.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -30.118 ± 1.162 χ^2/NDF : 240.7/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -32.414 ± 1.085 χ^2/NDF : 179.5/15

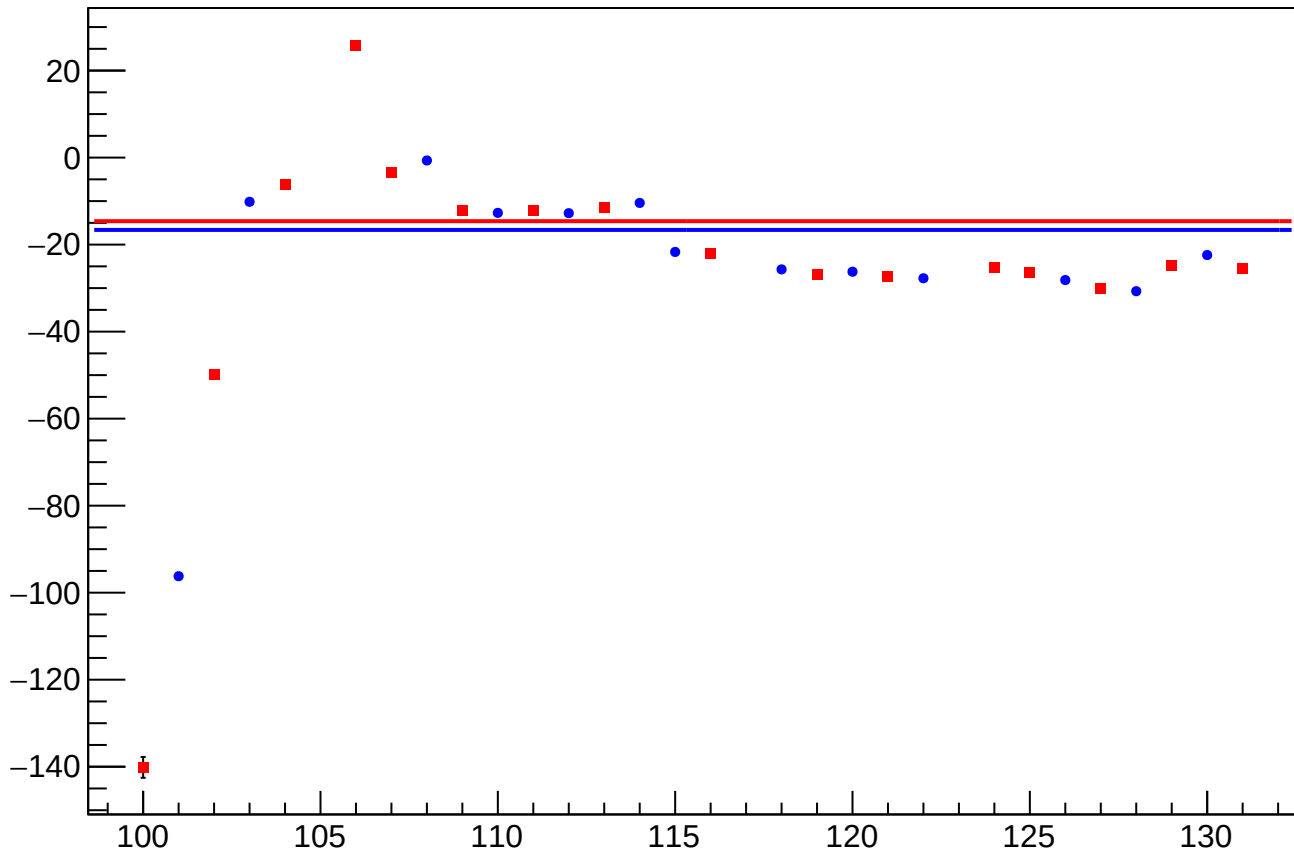
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.345 ± 0.793 χ^2/NDF : 422.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -16.623+/-0.075 χ^2/NDF : 30363.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.614+/-0.069 χ^2/NDF : 63233.8/15

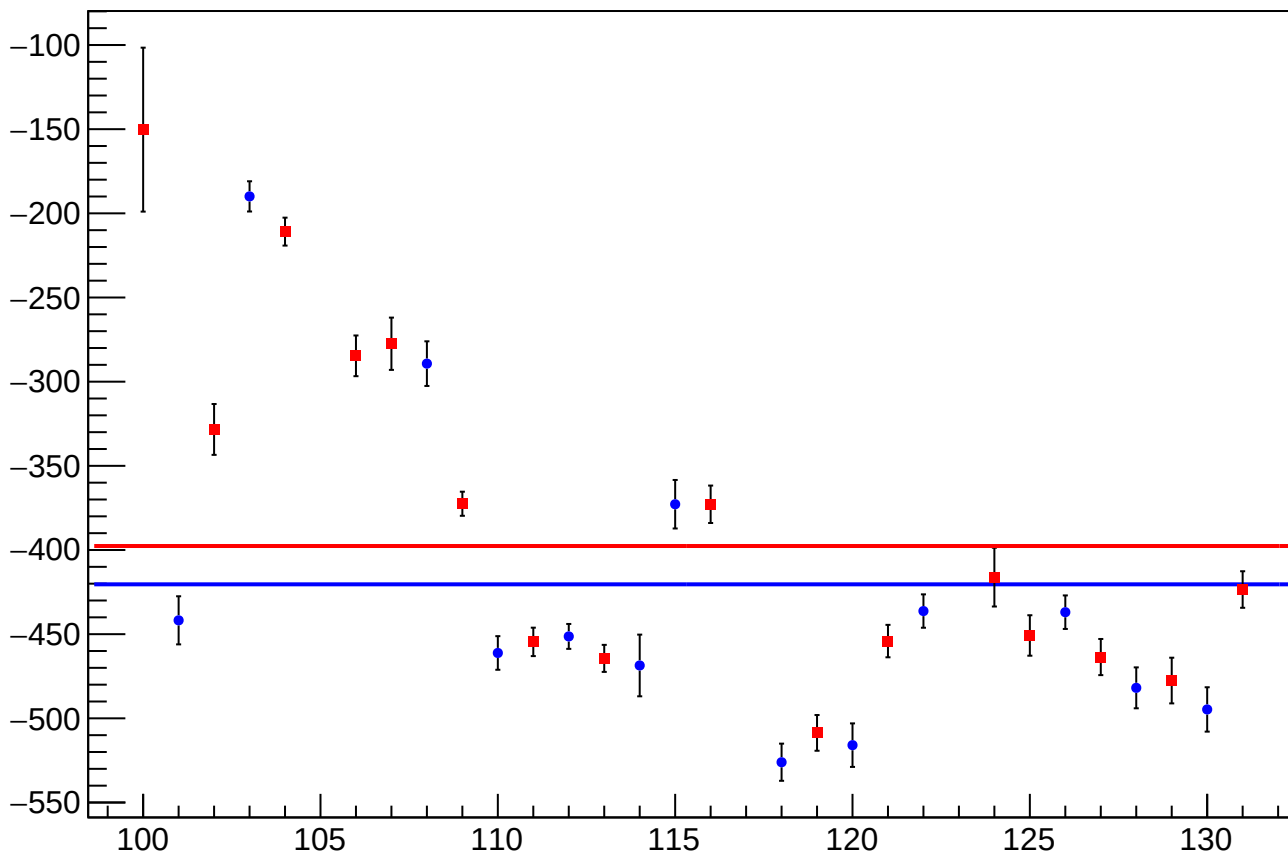
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.541+/-0.051 χ^2/NDF : 93987.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm1X_slope vs Slug



Right In: -420.391 ± 3.071 χ^2/NDF : 1020.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -397.628 ± 2.673 χ^2/NDF : 1075.3/15

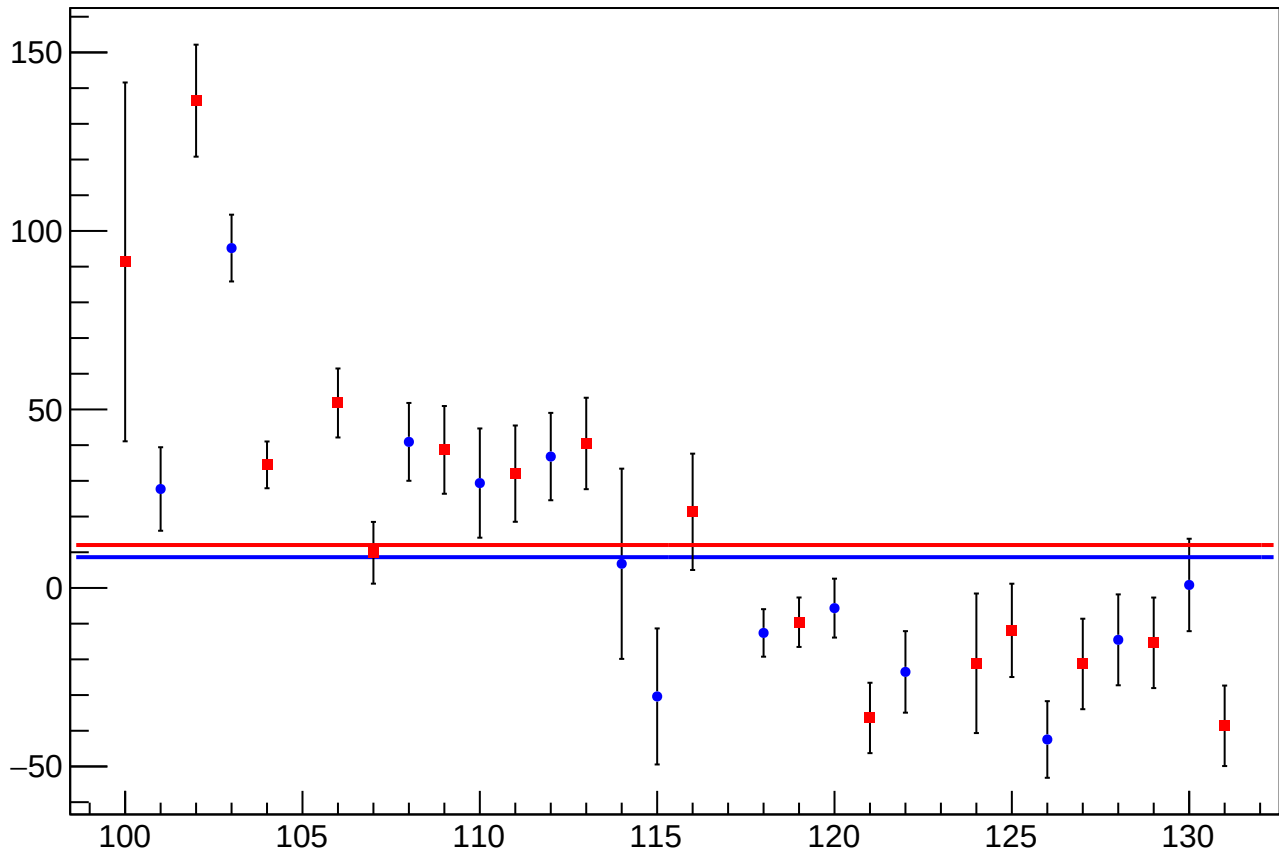
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -407.443 ± 2.016 χ^2/NDF : 2126.5/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: 8.625+/-3.042 χ^2/NDF : 155.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.026+/-2.734 χ^2/NDF : 178.3/15

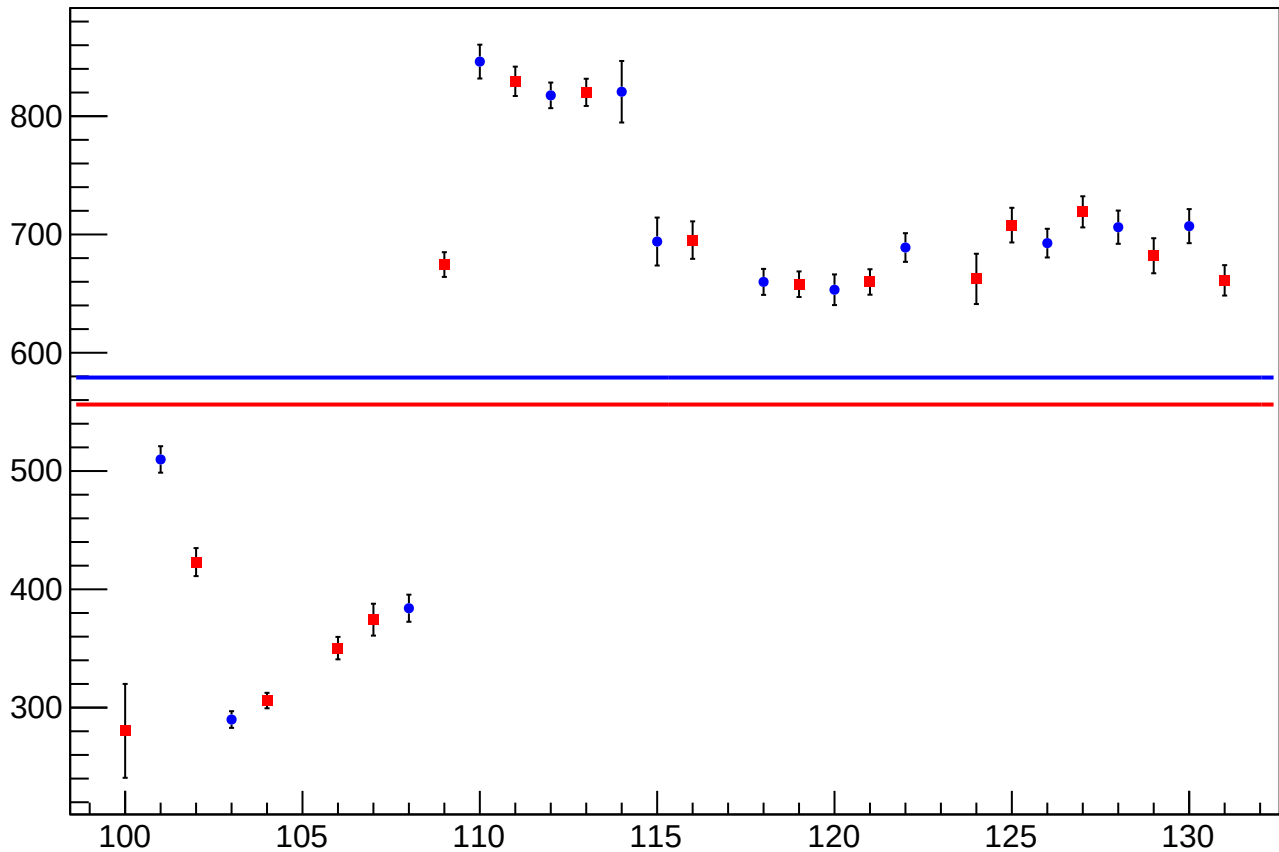
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.506+/-2.034 χ^2/NDF : 334.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 579.058+/-3.319 χ^2/NDF : 3381.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 556.231+/-2.944 χ^2/NDF : 4113.6/15

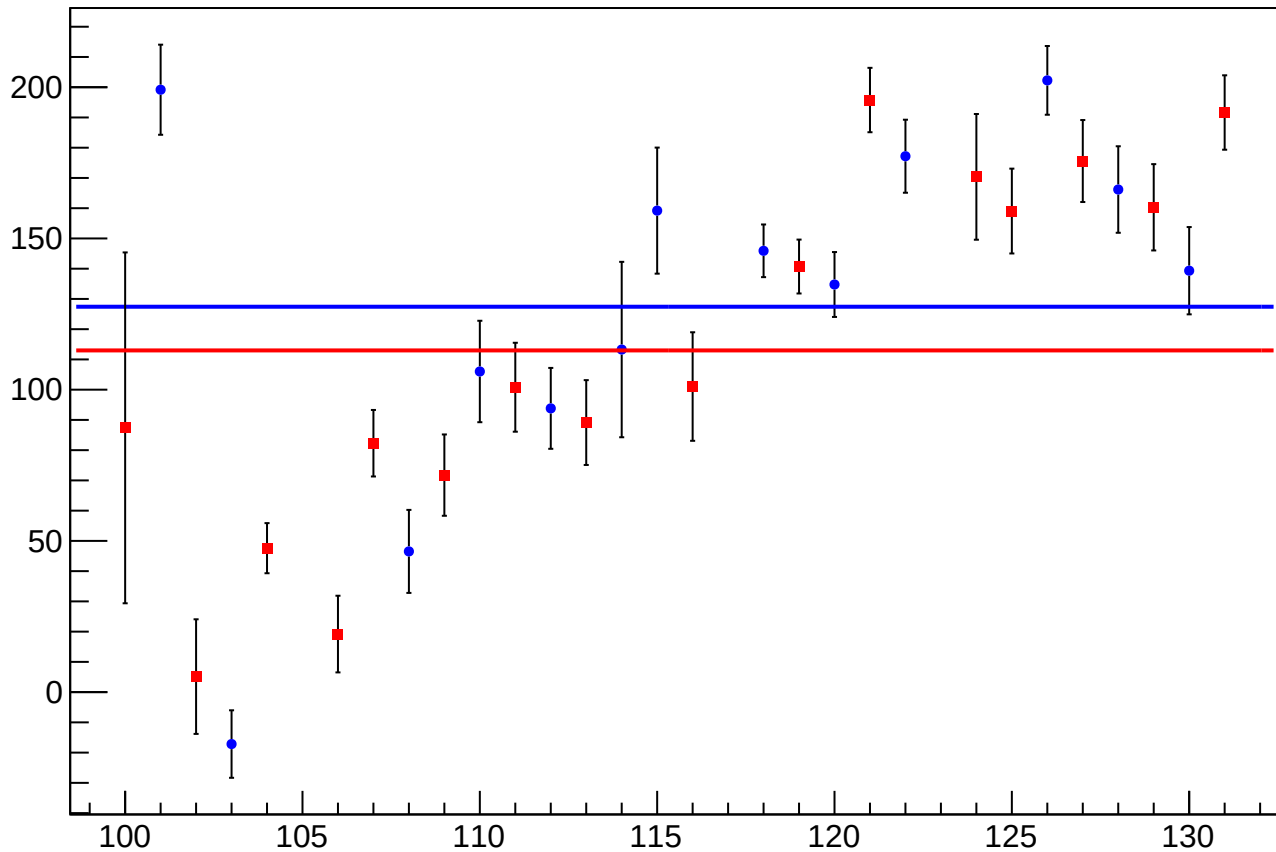
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 566.283+/-2.202 χ^2/NDF : 7521.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 127.424 $\pm$ 3.612 χ^2 /NDF: 309.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 112.978 $\pm$ 3.223 χ^2 /NDF: 332.7/15

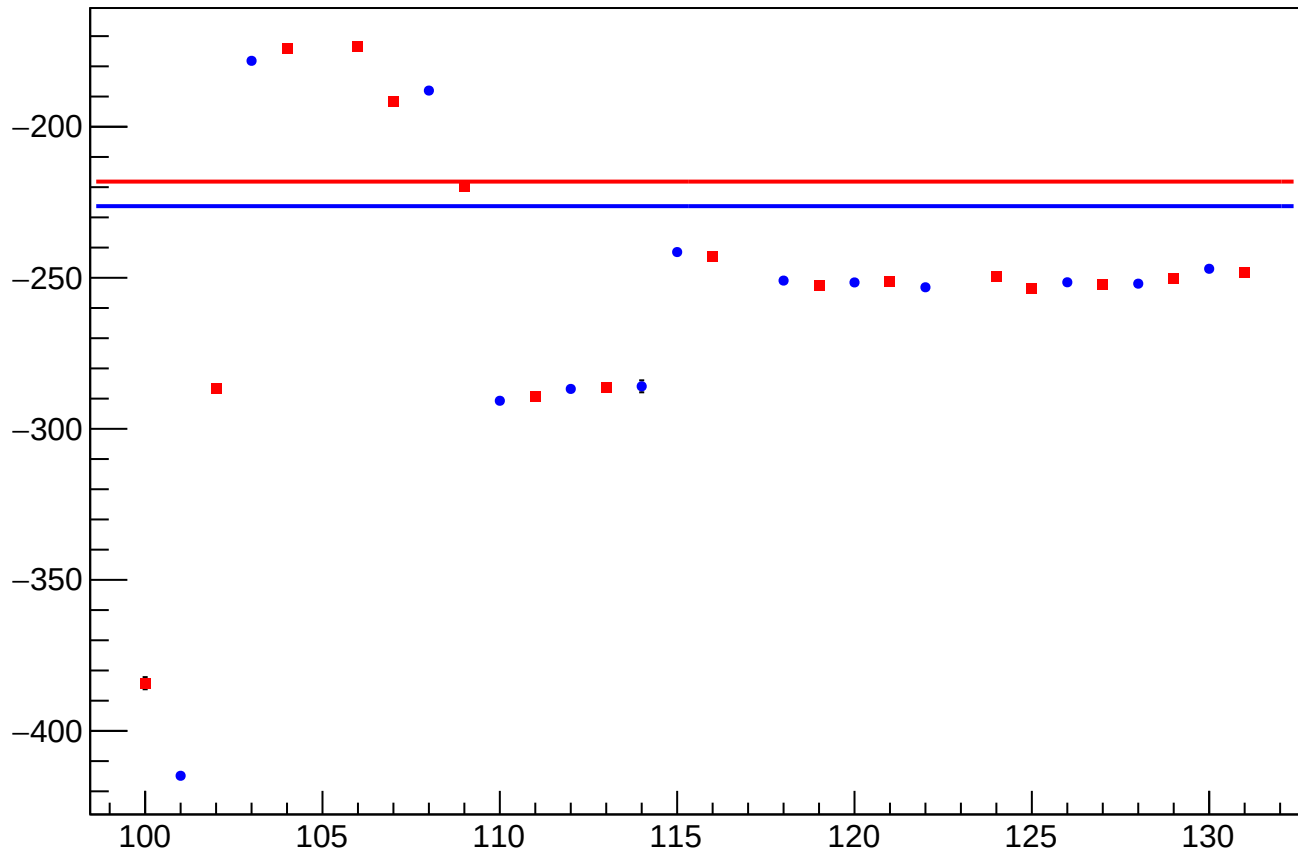
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 119.381 $\pm$ 2.405 χ^2 /NDF: 651.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -226.284+/-0.192 χ^2/NDF : 125913.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -218.154+/-0.176 χ^2/NDF : 72552.0/15

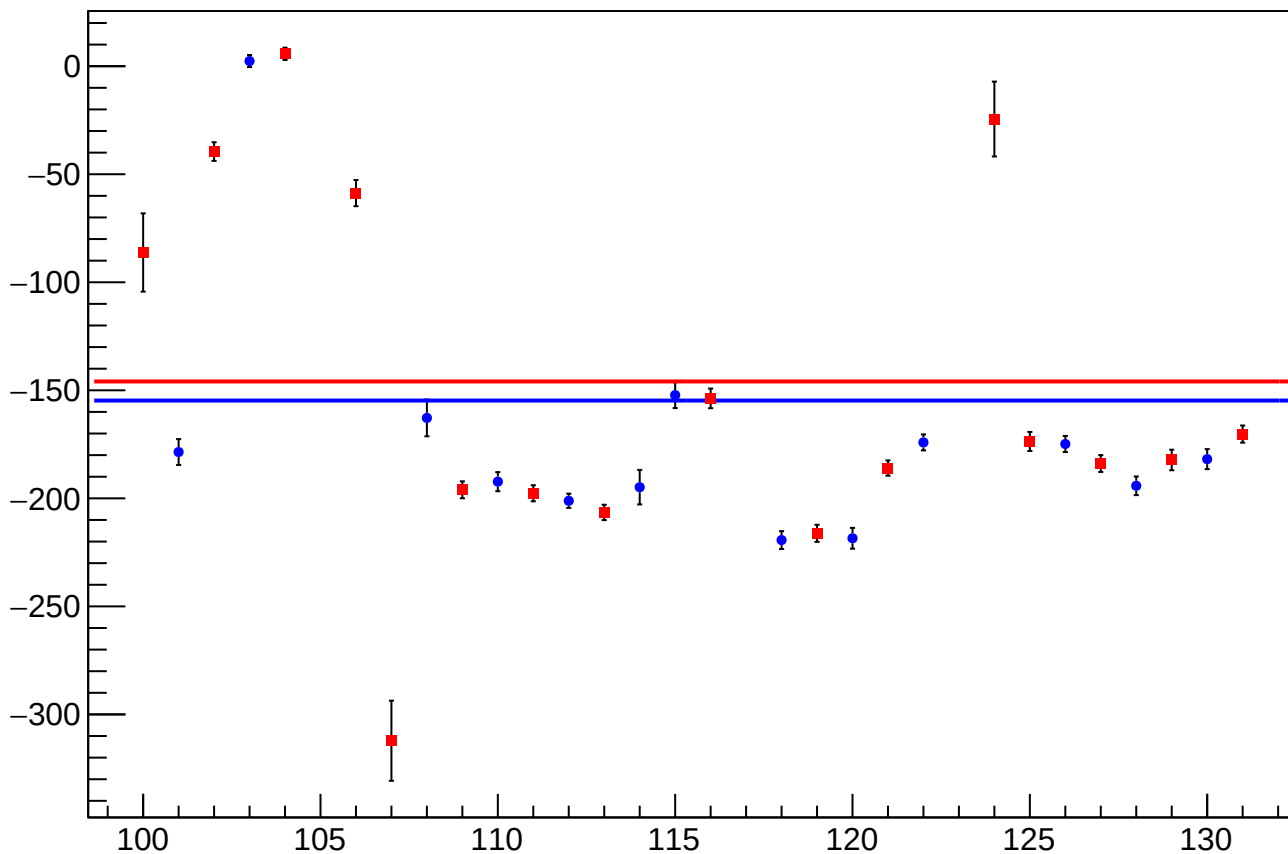
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -221.857+/-0.130 χ^2/NDF : 199441.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



Right In: -154.737 ± 1.190 χ^2/NDF : 4103.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -145.898 ± 1.086 χ^2/NDF : 5133.2/15

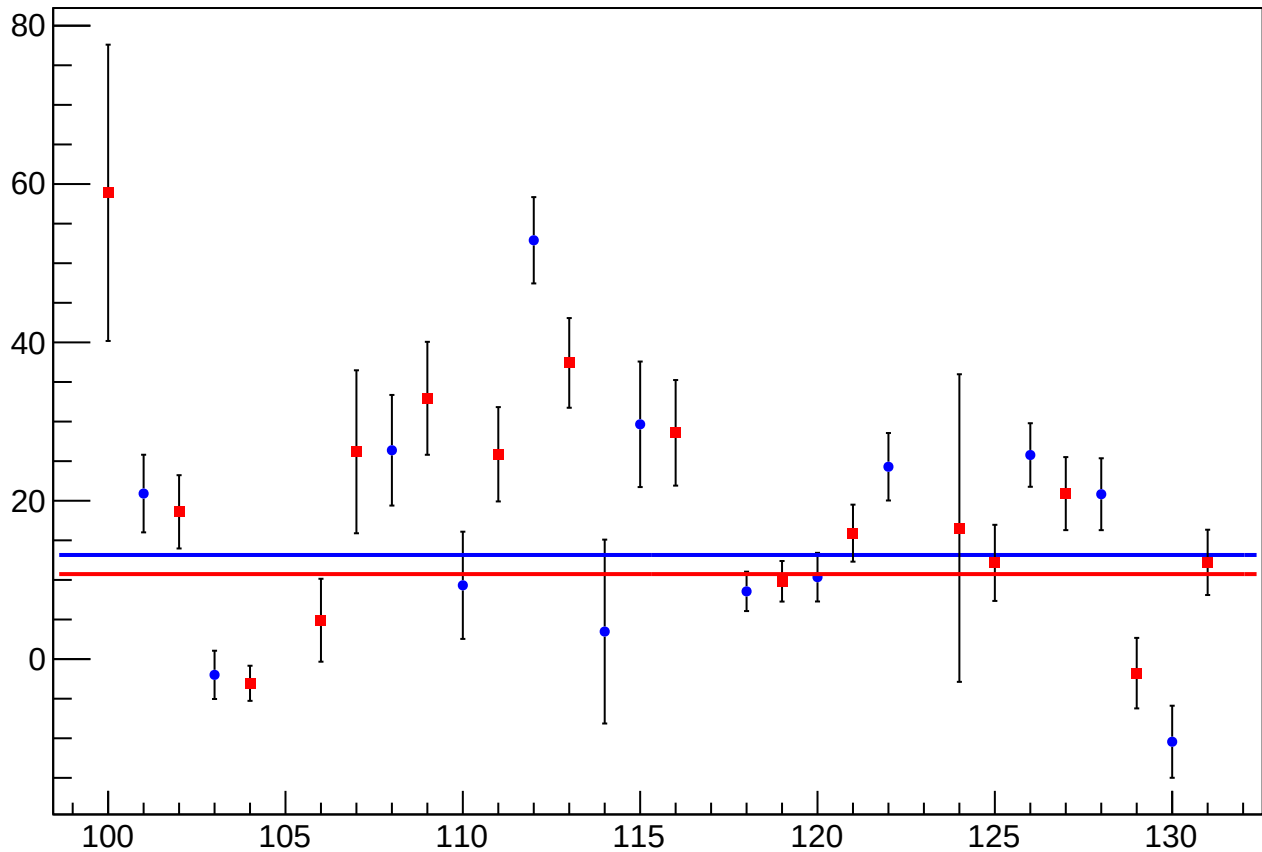
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -149.913 ± 0.802 χ^2/NDF : 9267.2/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 13.151 $\pm$ 1.170 χ^2 /NDF: 140.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.736 $\pm$ 1.096 χ^2 /NDF: 112.4/15

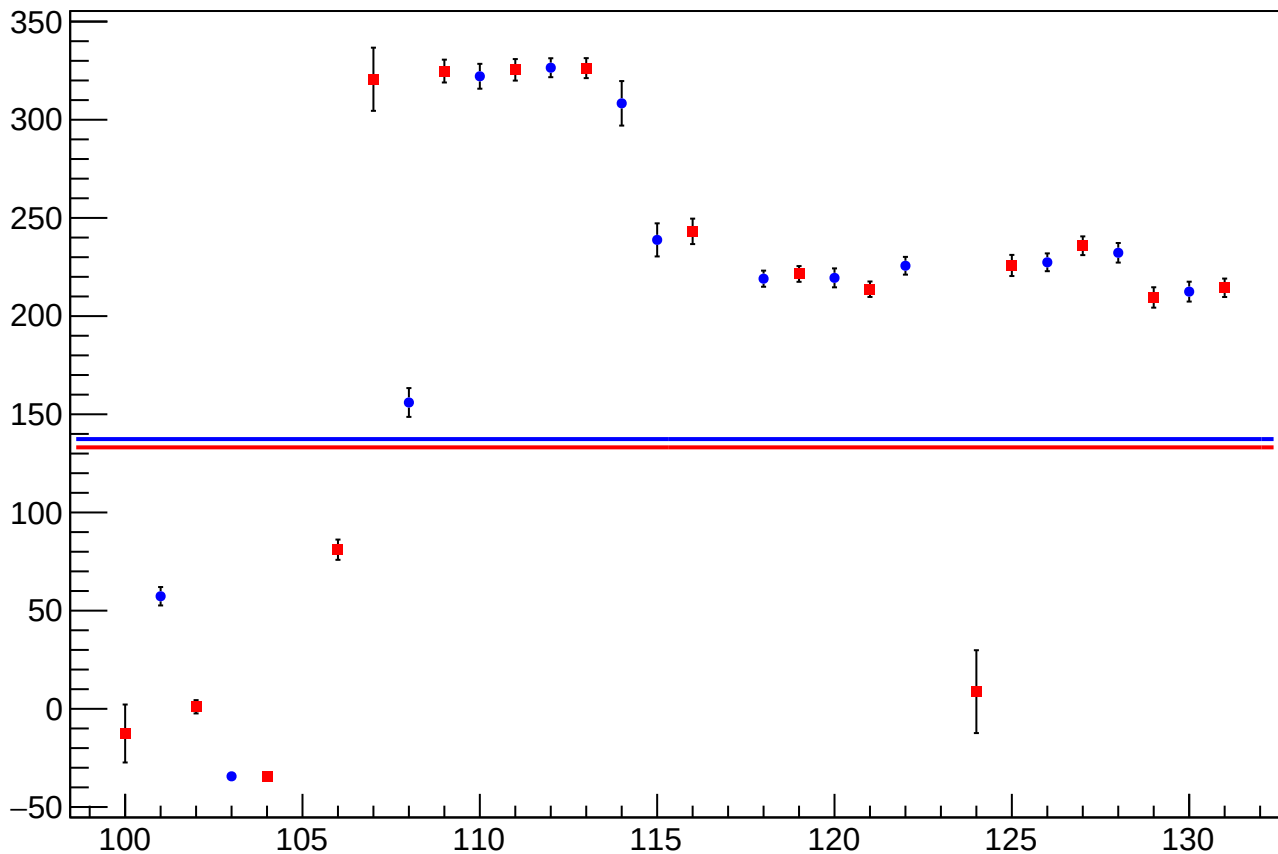
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.865 $\pm$ 0.800 χ^2 /NDF: 254.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 137.373+/-1.248 χ^2/NDF : 11285.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.157+/-1.156 χ^2/NDF : 13712.2/15

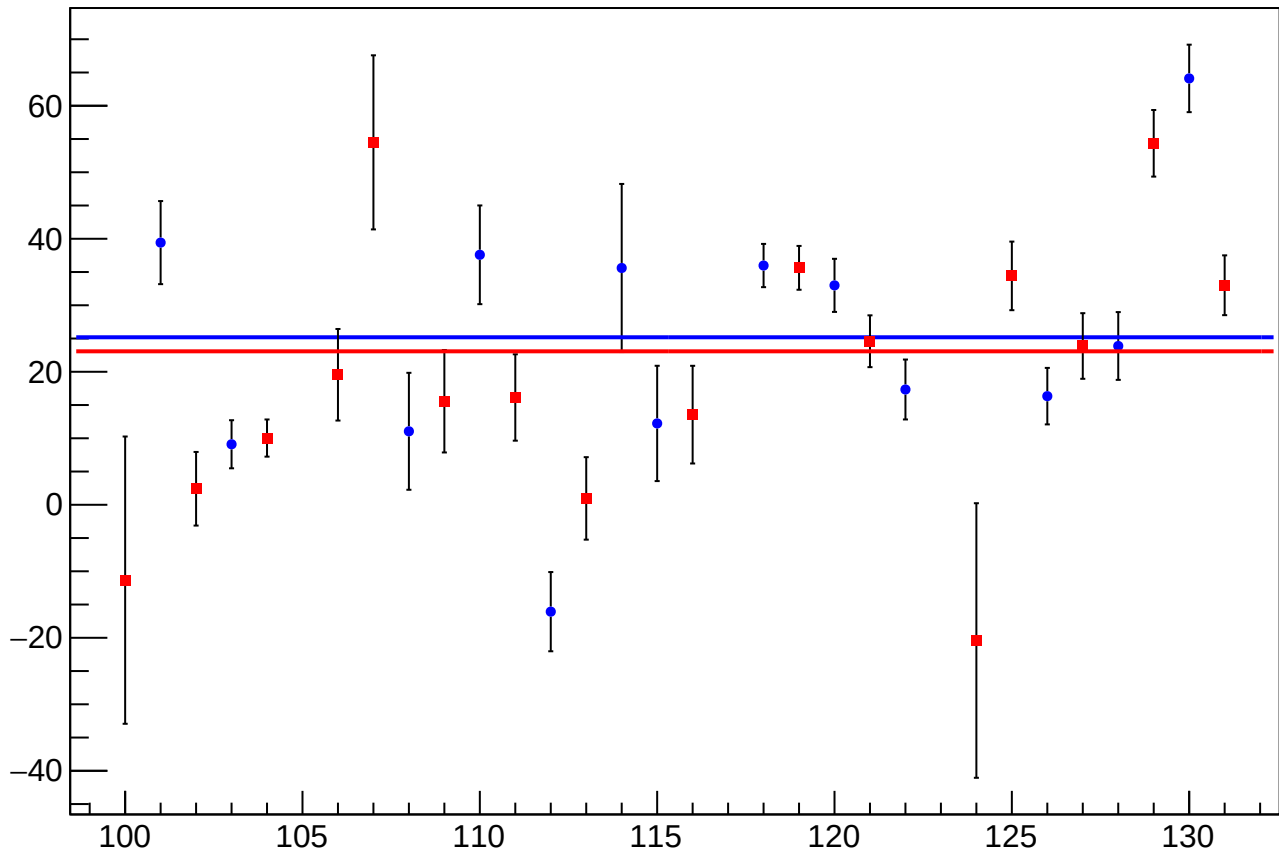
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.105+/-0.848 χ^2/NDF : 25004.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 25.189+/-1.386 χ^2/NDF : 162.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.077+/-1.288 χ^2/NDF : 128.6/15

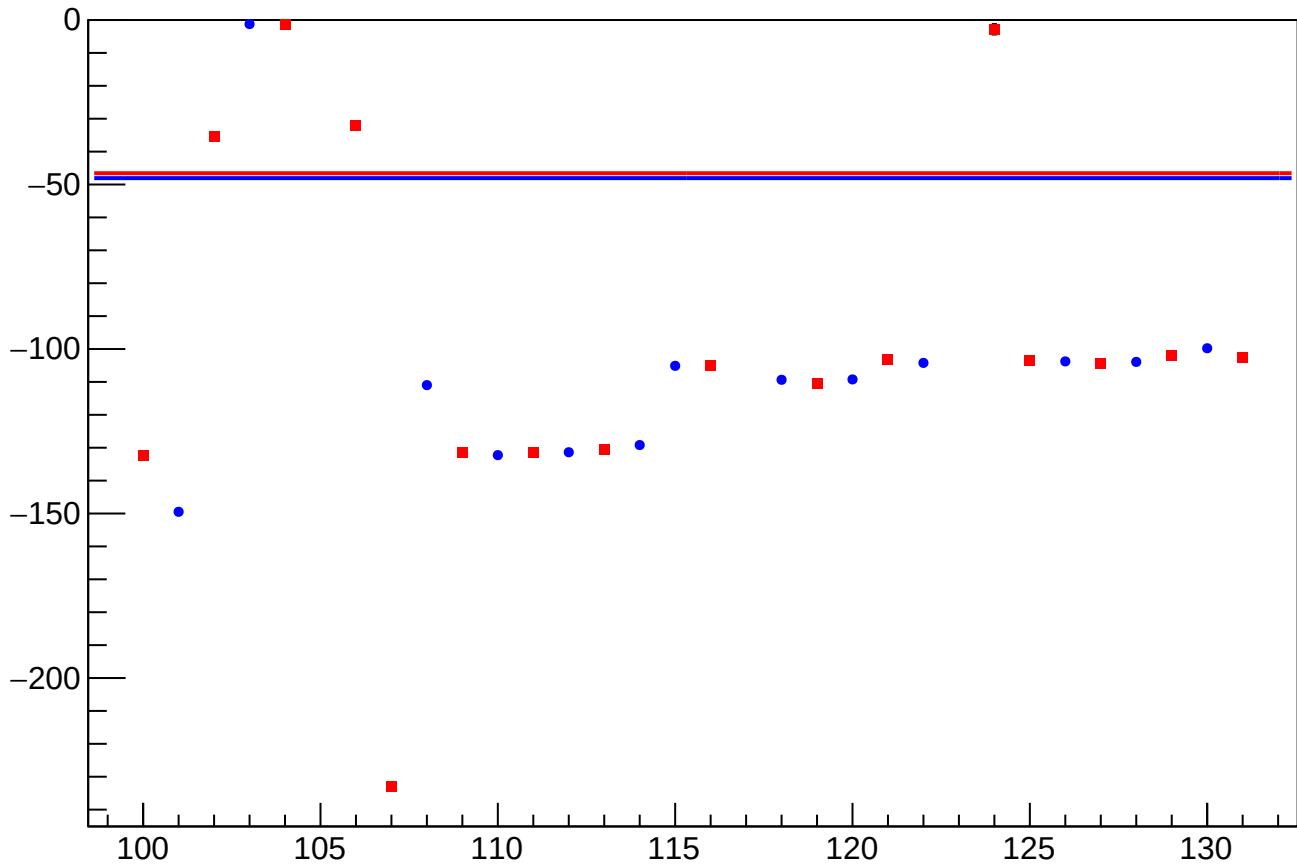
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.055+/-0.943 χ^2/NDF : 292.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -48.062 $\pm$ 0.070 χ^2 /NDF: 680734.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -46.565 $\pm$ 0.066 χ^2 /NDF: 580742.9/15

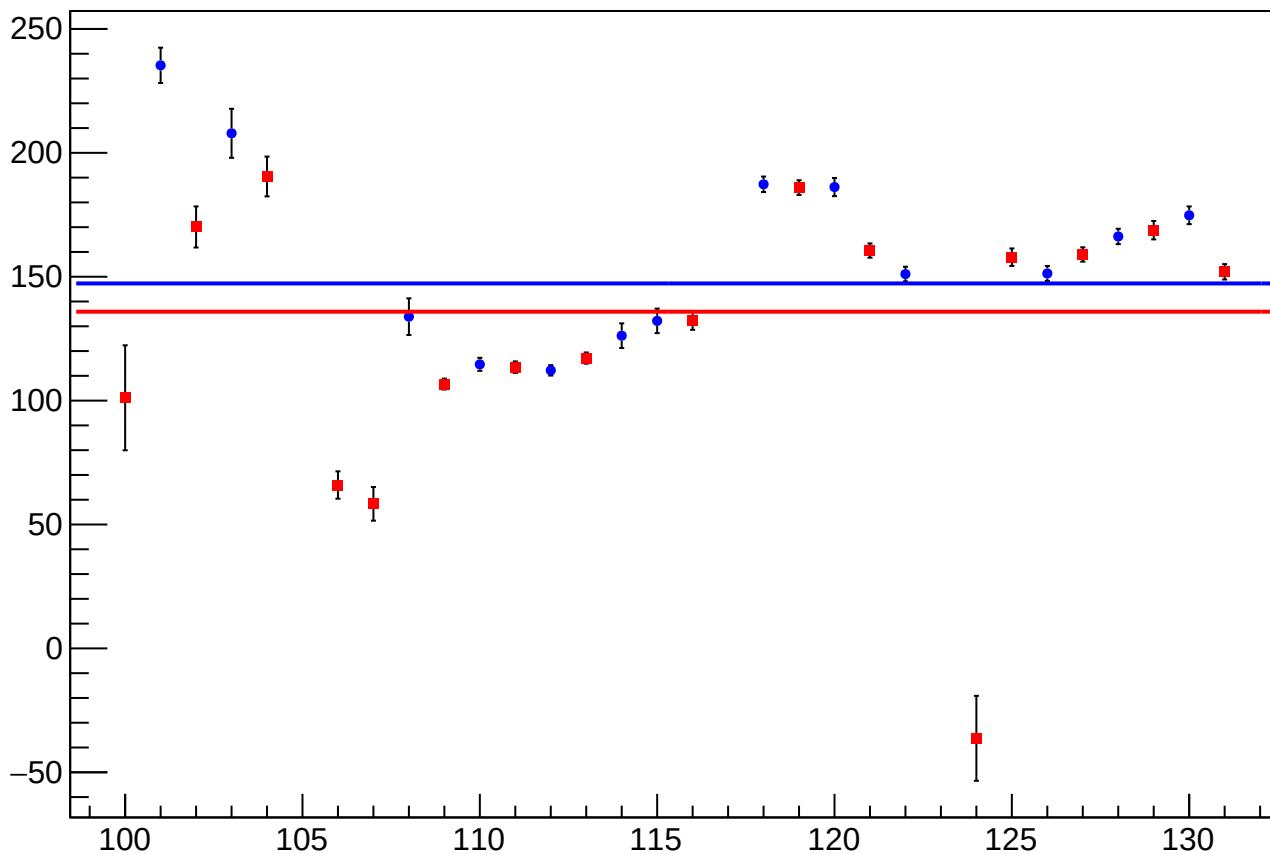
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -47.266 $\pm$ 0.048 χ^2 /NDF: 1261721.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



Right In: 147.295 $\pm$ 0.961 χ^2 /NDF: 1027.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 135.887 $\pm$ 0.858 χ^2 /NDF: 1362.3/15

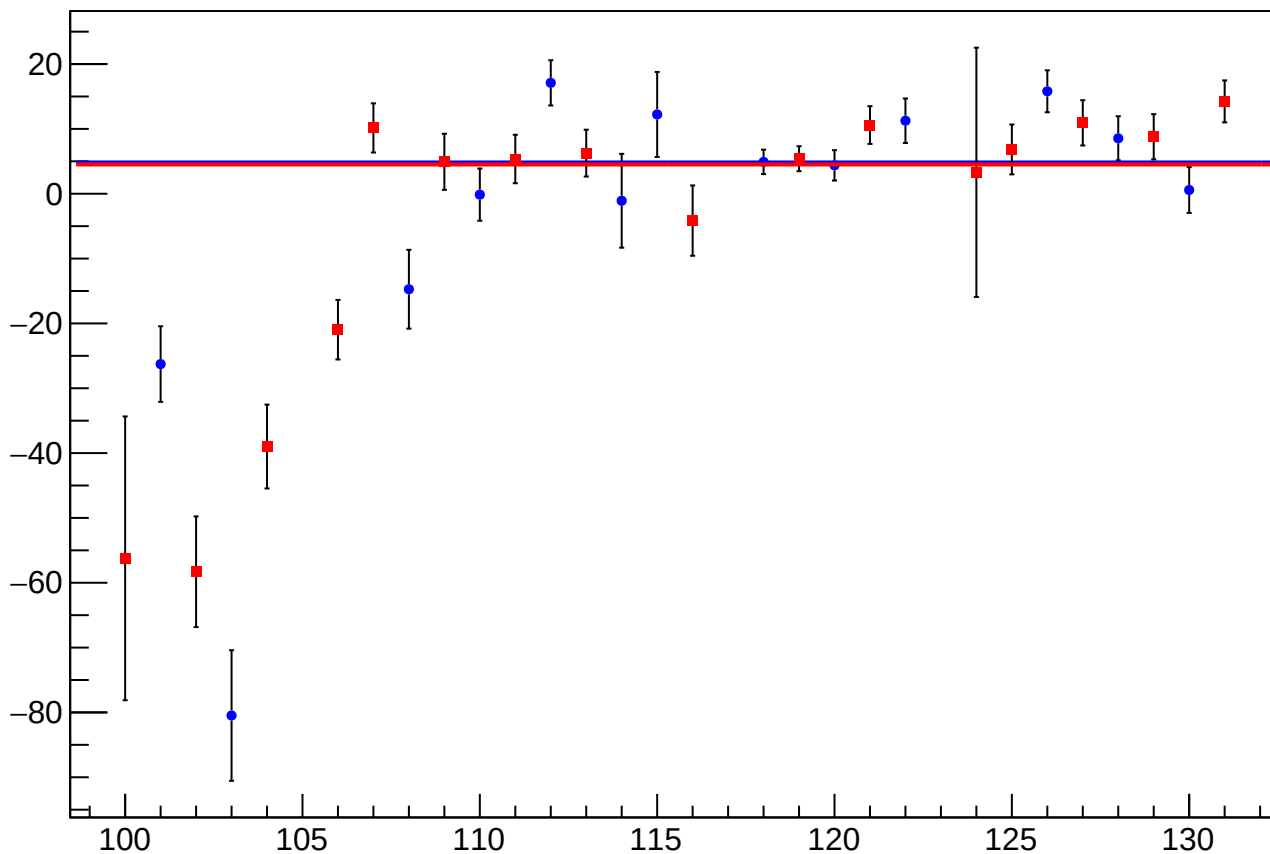
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 140.946 $\pm$ 0.640 χ^2 /NDF: 2468.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 4.825+/-0.970 χ^2/NDF : 144.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.511+/-0.949 χ^2/NDF : 161.9/15

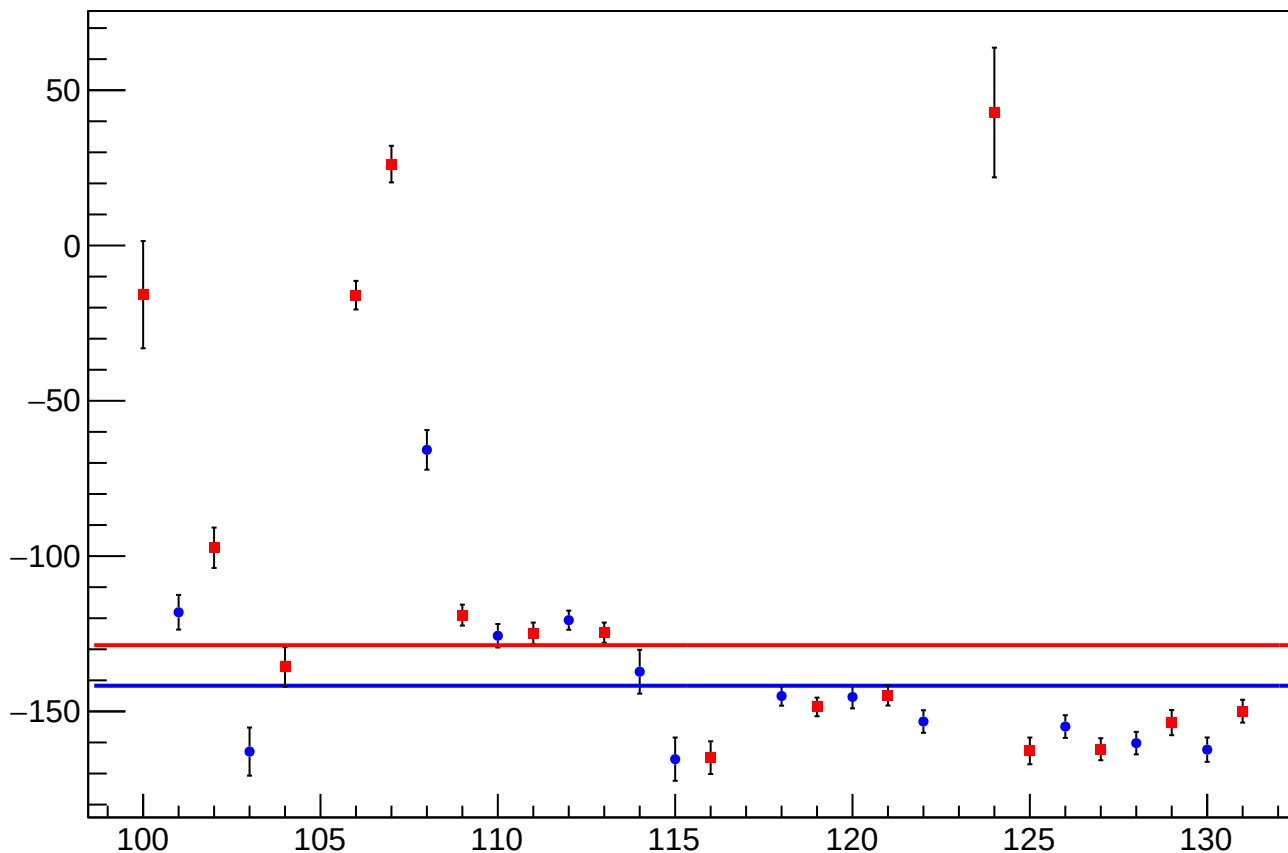
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.665+/-0.678 χ^2/NDF : 306.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -141.735 ± 1.148 χ^2/NDF : 322.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -128.690 ± 1.048 χ^2/NDF : 1776.5/15

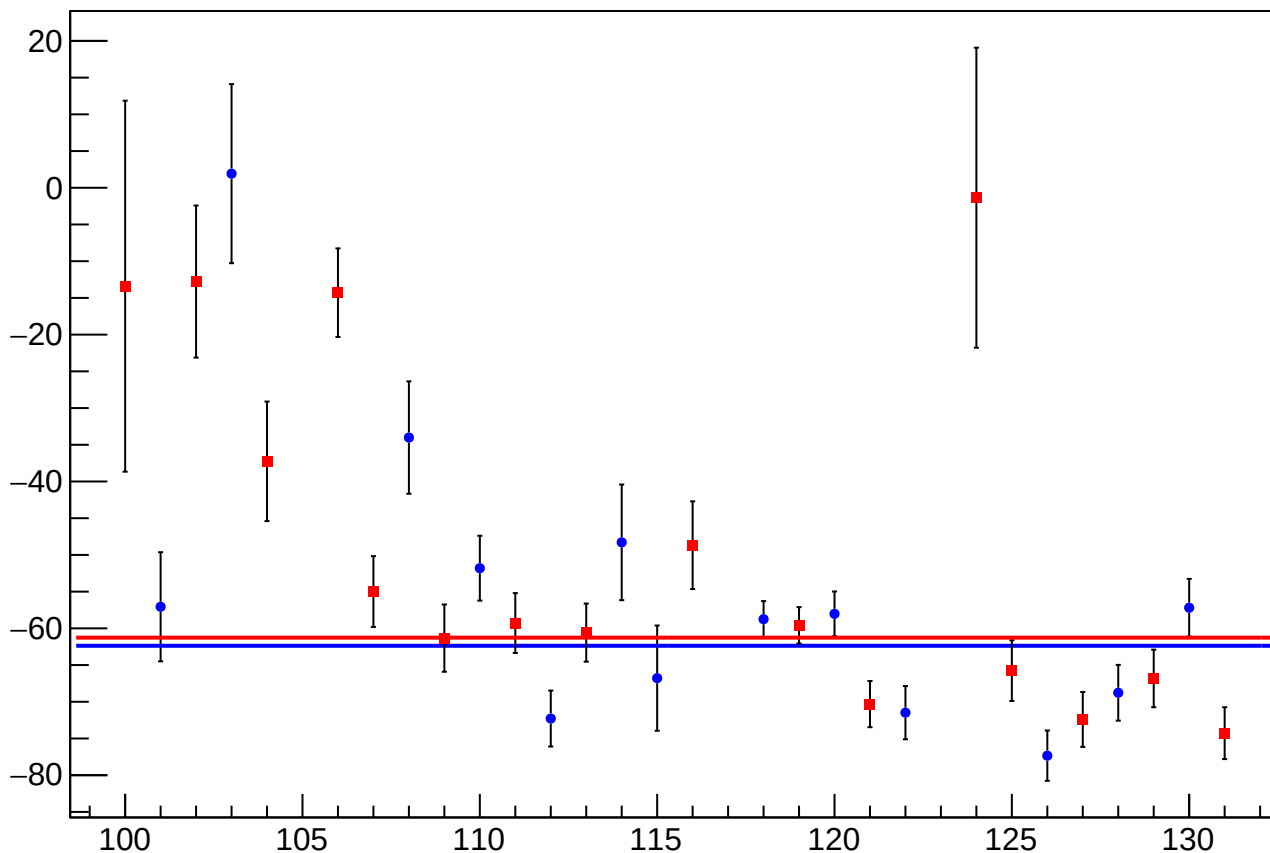
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -134.615 ± 0.774 χ^2/NDF : 2169.4/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -62.374 ± 1.143 $\chi^2/\text{NDF}: 92.3/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -61.266 ± 1.092 $\chi^2/\text{NDF}: 144.2/15$

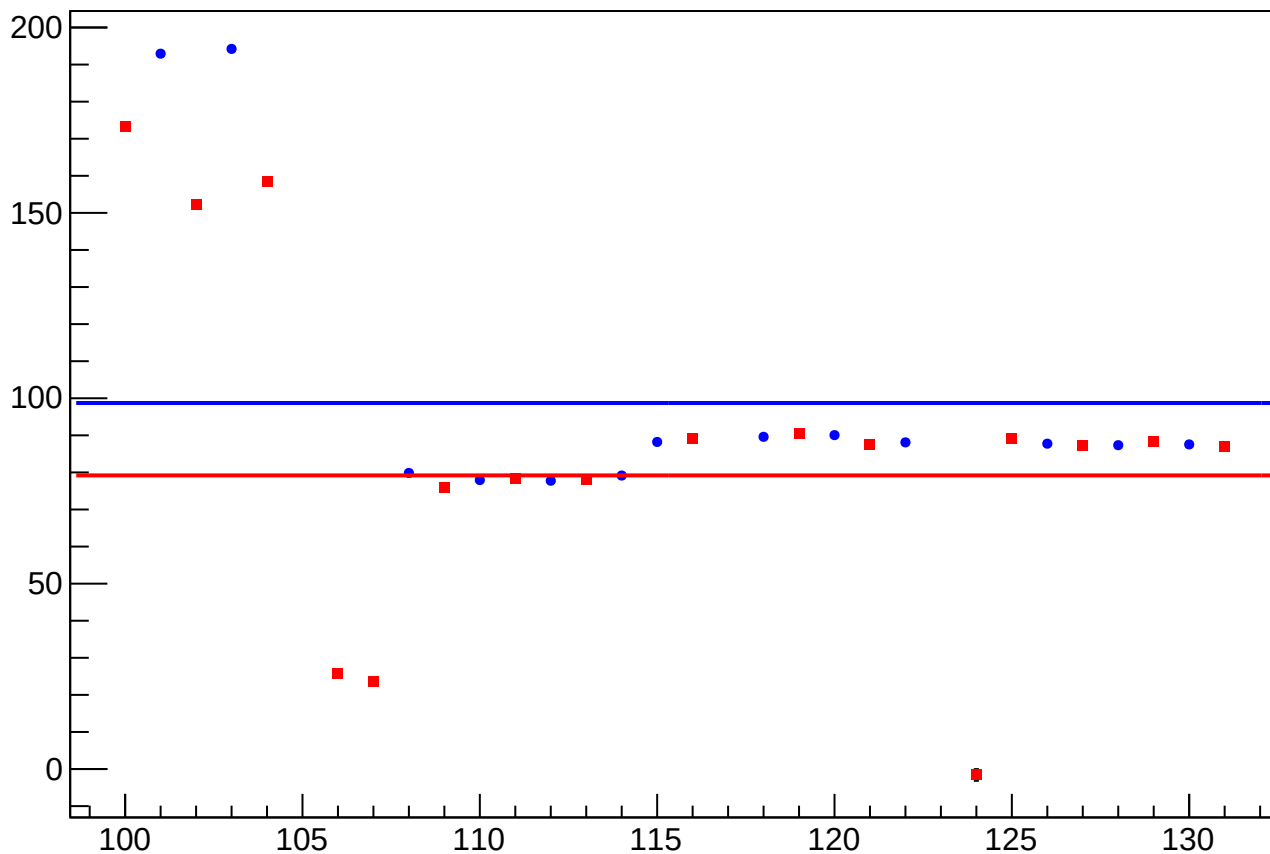
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -61.794 ± 0.789 $\chi^2/\text{NDF}: 237.1/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 98.725+/-0.084 χ^2 /NDF: 189810.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 79.198+/-0.072 χ^2 /NDF: 286660.9/15

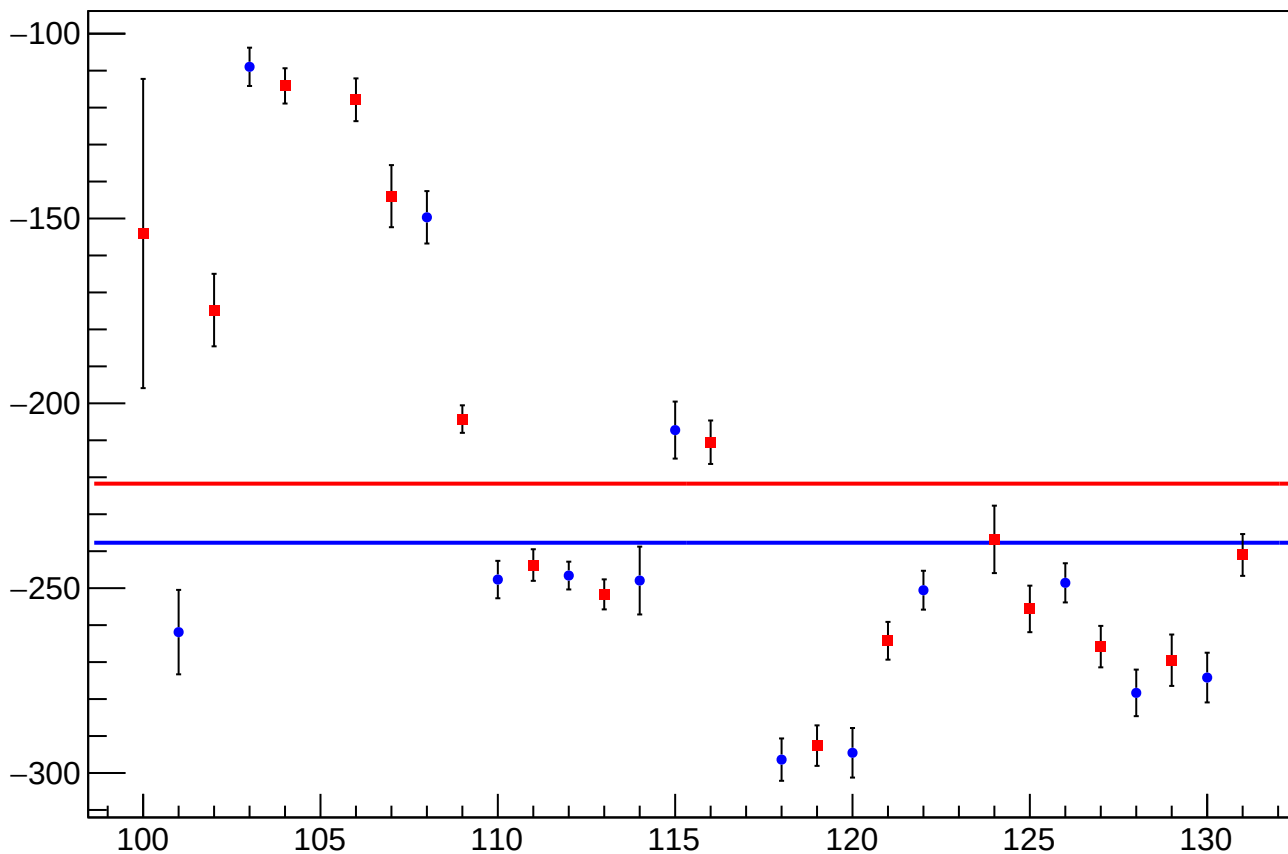
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 87.435+/-0.054 χ^2 /NDF: 507815.3/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



Right In: -237.711 ± 1.633 χ^2/NDF : 1060.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -221.728 ± 1.403 χ^2/NDF : 1437.4/15

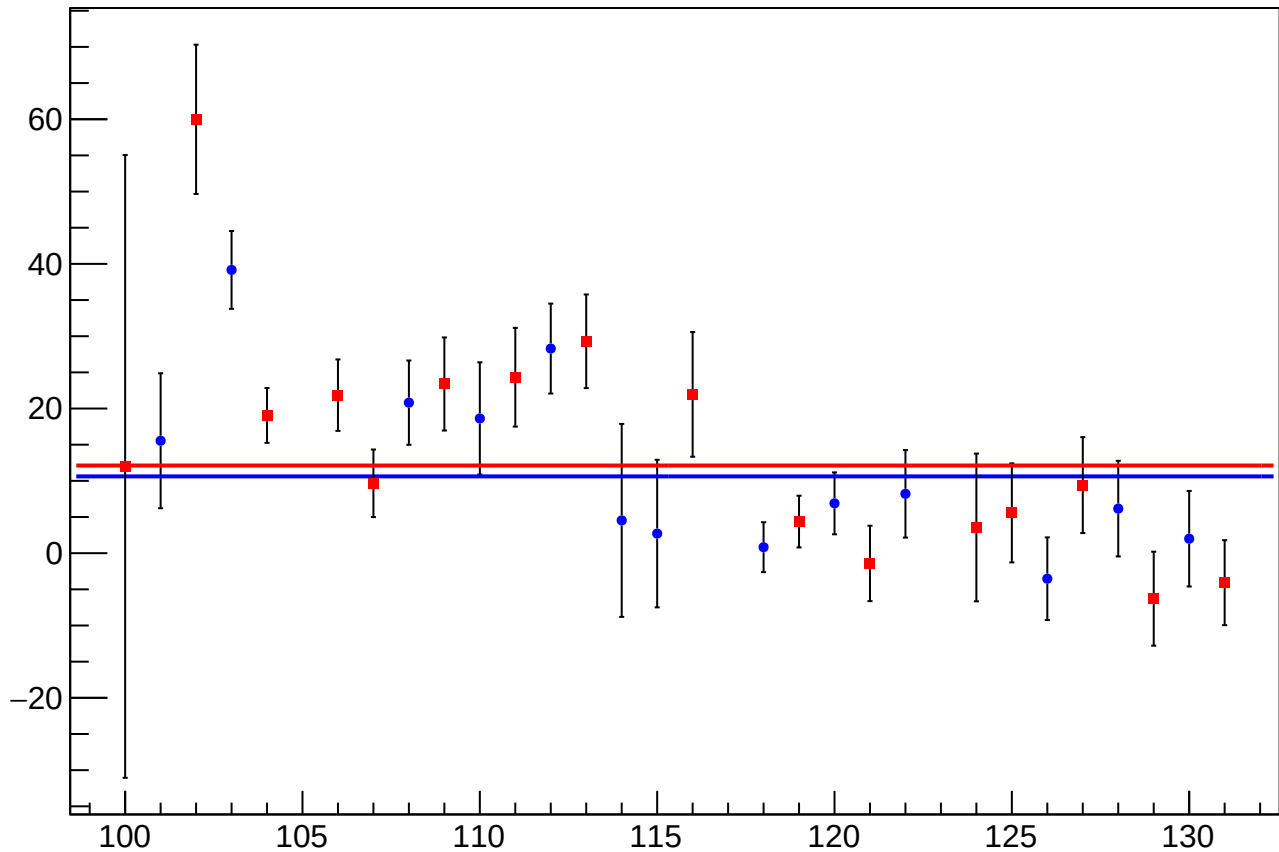
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -228.518 ± 1.064 χ^2/NDF : 2552.7/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: 10.619+/-1.632 χ^2 /NDF: 58.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 12.121+/-1.457 χ^2 /NDF: 72.5/15

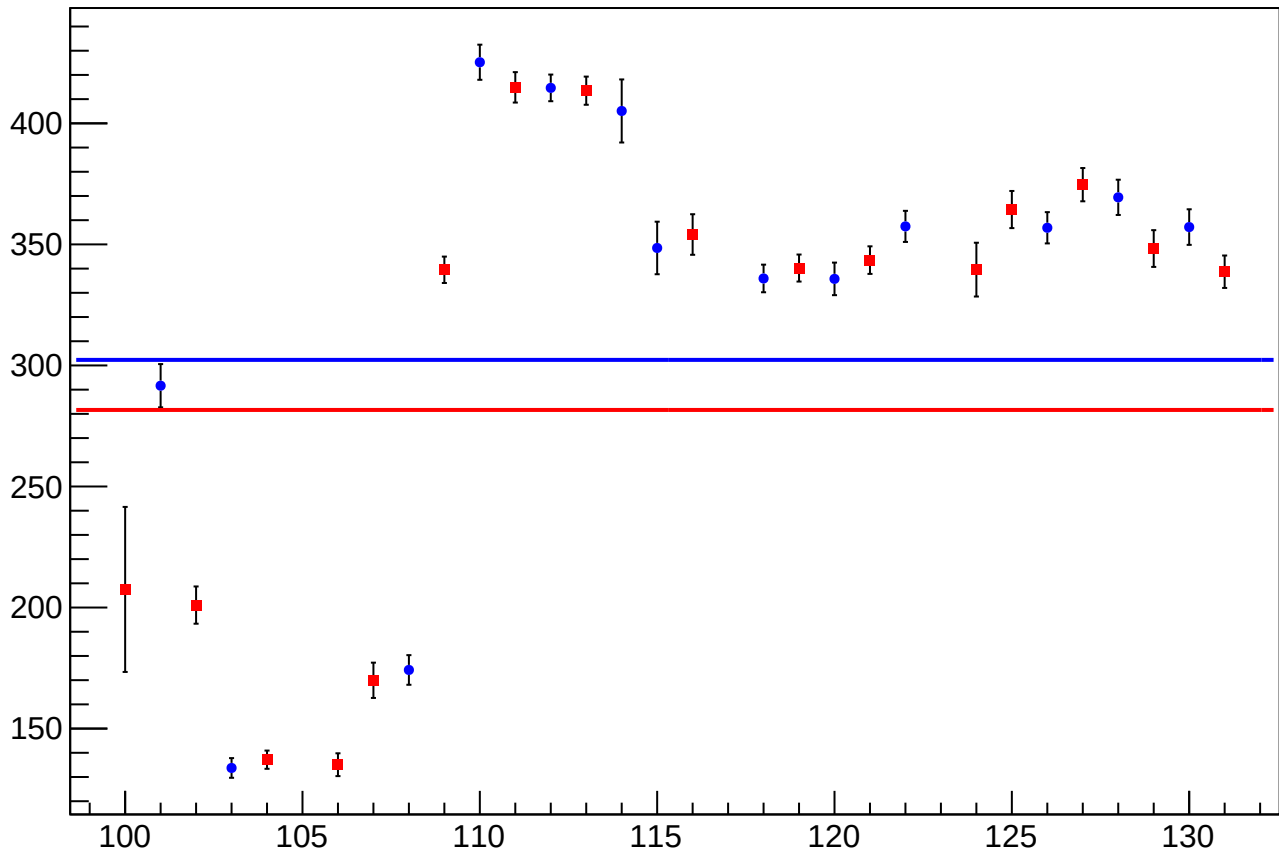
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 11.455+/-1.087 χ^2 /NDF: 131.6/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 302.296+/-1.812 χ^2/NDF : 3287.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 281.617+/-1.574 χ^2/NDF : 4646.0/15

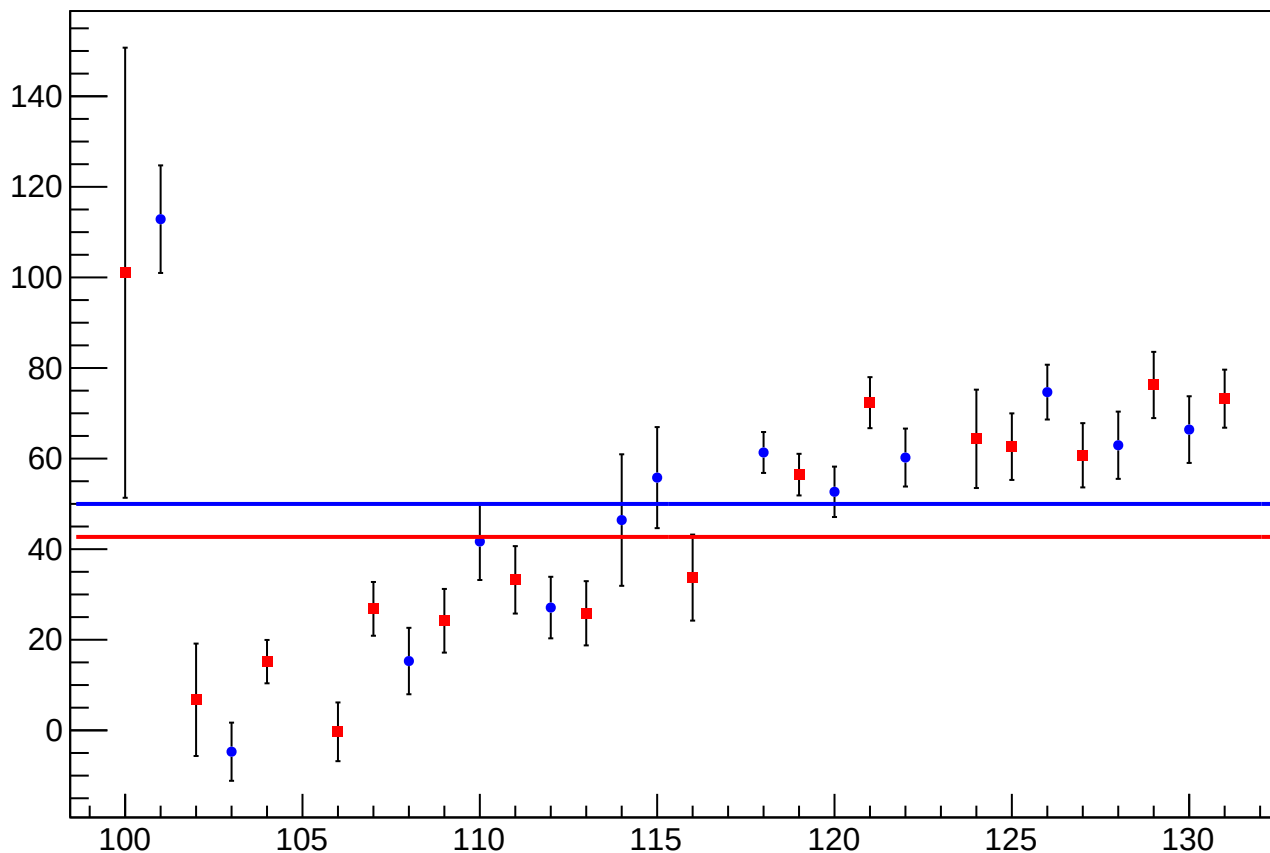
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 290.507+/-1.188 χ^2/NDF : 8007.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 49.987+/-1.932 χ^2/NDF : 169.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.705+/-1.713 χ^2/NDF : 207.4/15

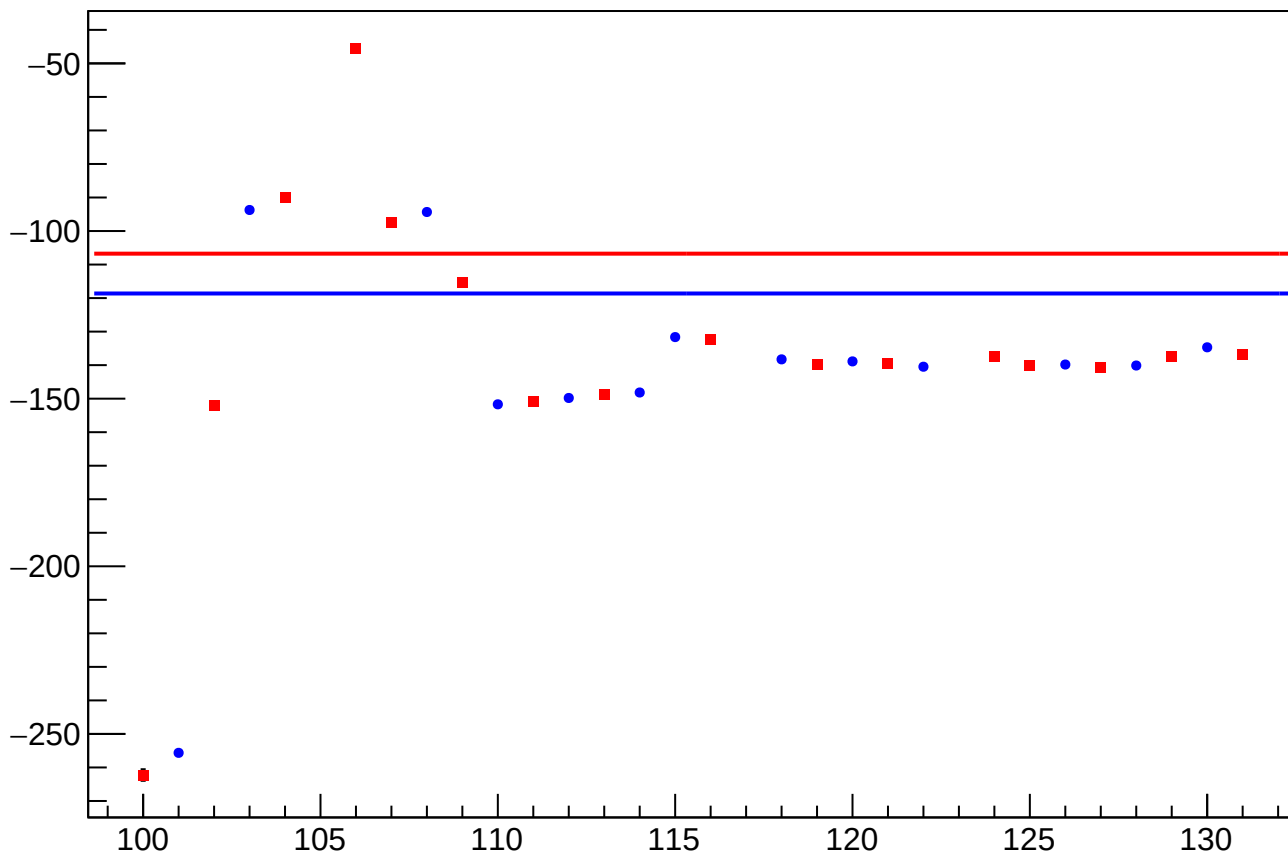
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.909+/-1.282 χ^2/NDF : 384.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -118.631+/-0.107 χ^2/NDF : 115906.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -106.750+/-0.095 χ^2/NDF : 148280.2/15

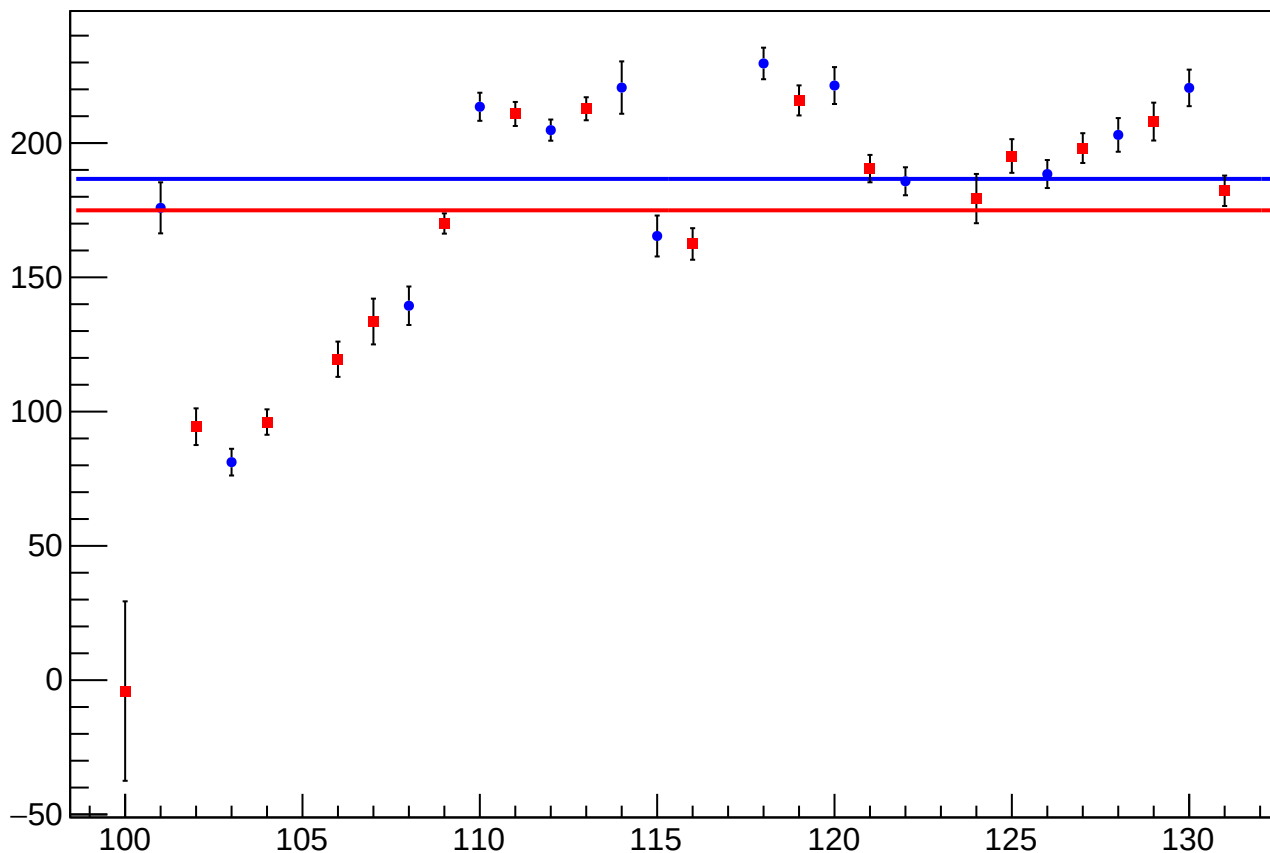
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -111.941+/-0.071 χ^2/NDF : 271086.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



Right In: 186.652 $\pm$ 1.643 χ^2 /NDF: 673.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 174.952 $\pm$ 1.416 χ^2 /NDF: 802.8/15

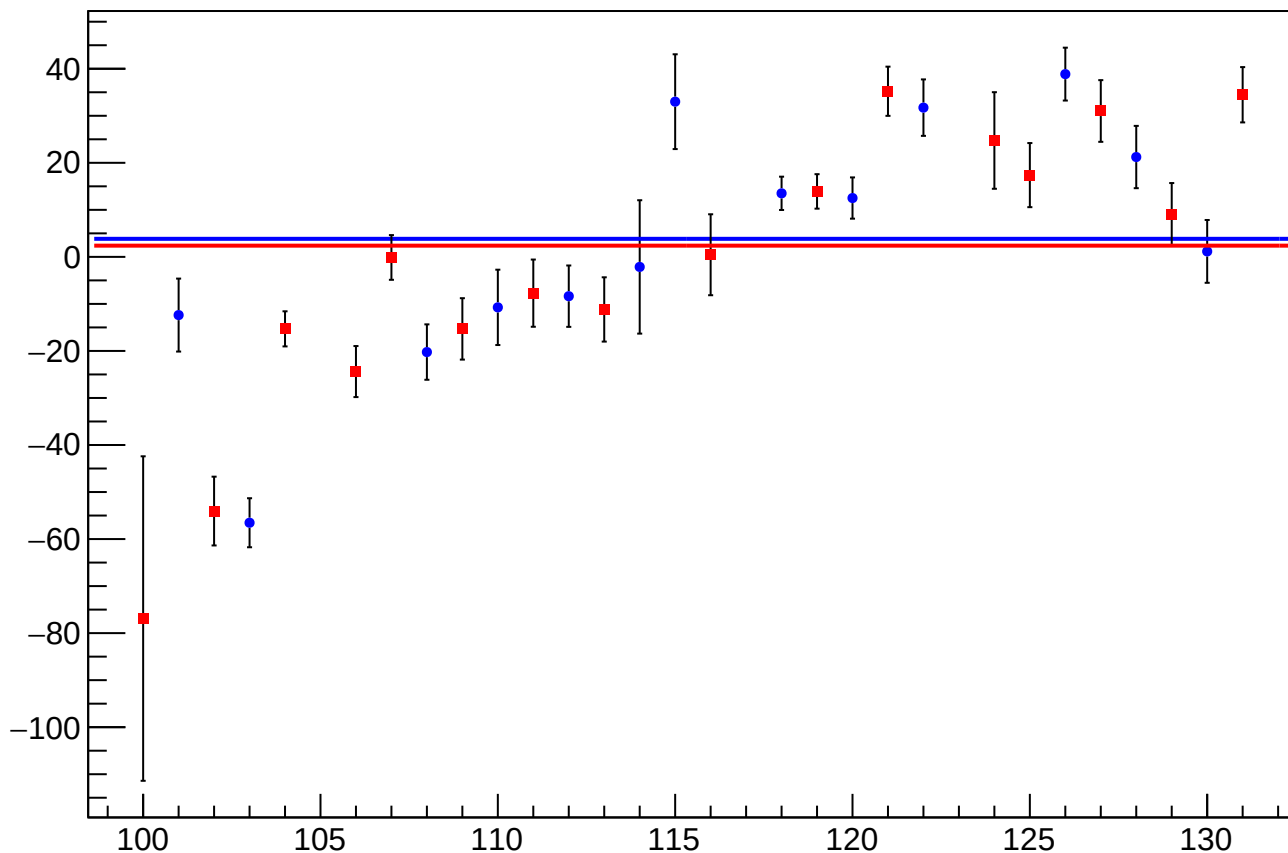
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 179.937 $\pm$ 1.073 χ^2 /NDF: 1505.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 3.838+/-1.638 χ^2/NDF : 249.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.387+/-1.467 χ^2/NDF : 234.0/15

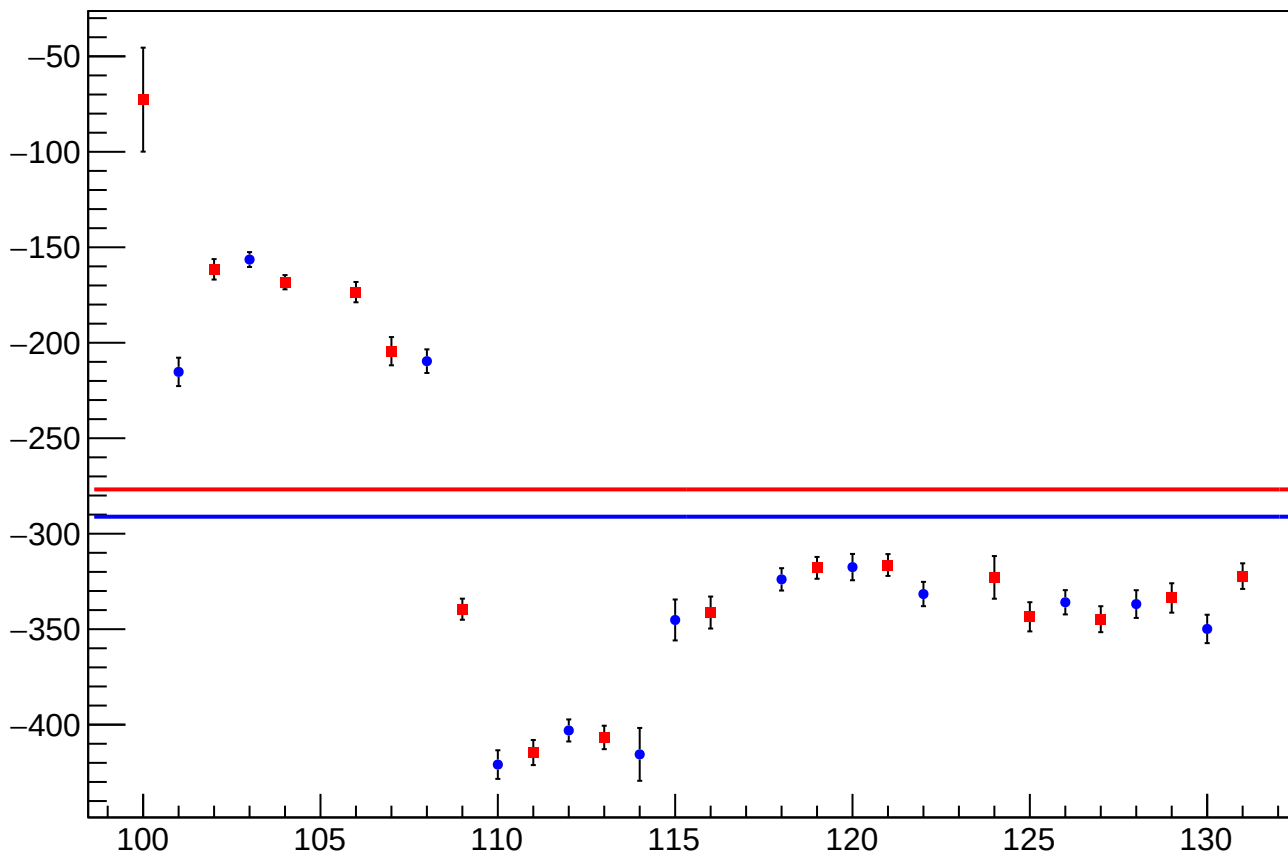
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.032+/-1.093 χ^2/NDF : 483.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -291.092 $\pm$ 1.801 χ^2 /NDF: 2488.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -276.803 $\pm$ 1.571 χ^2 /NDF: 3303.9/15

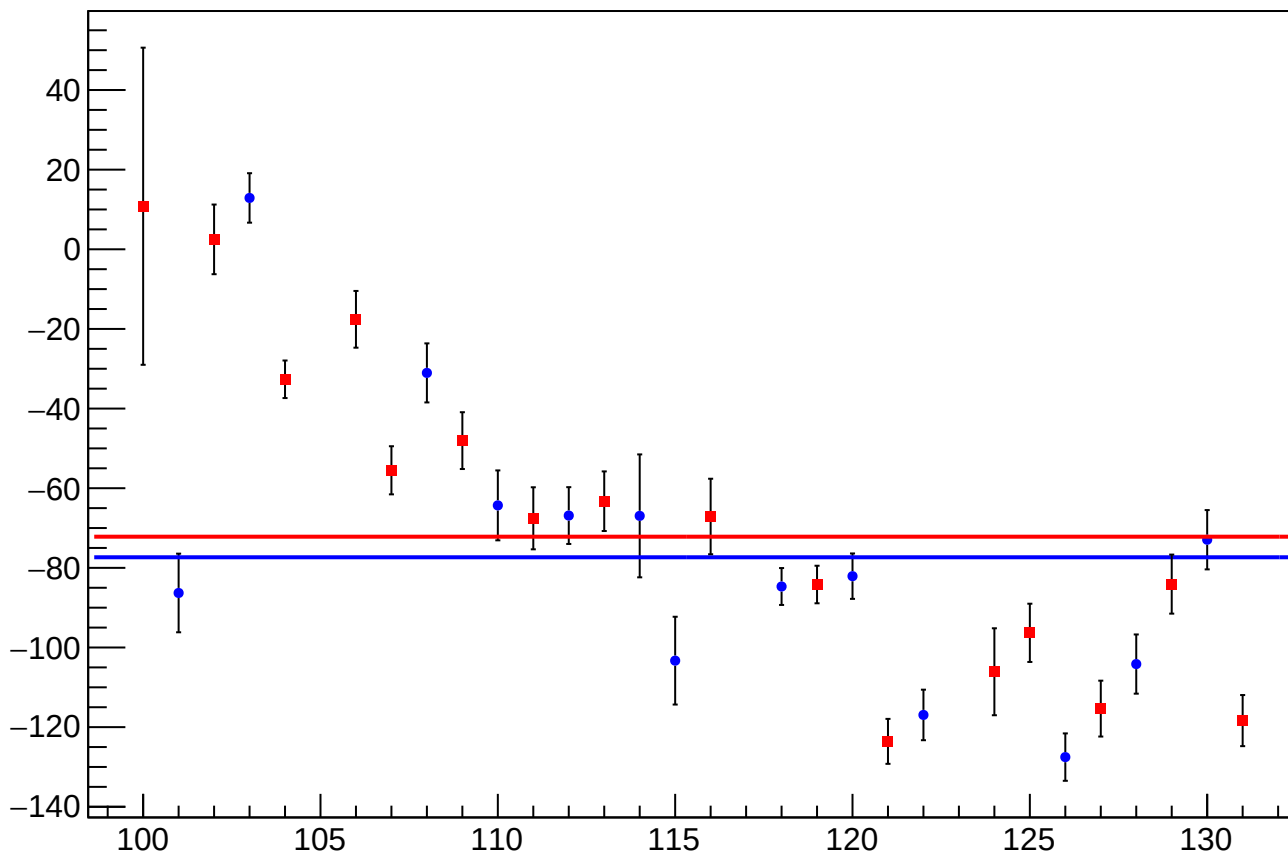
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -282.976 $\pm$ 1.184 χ^2 /NDF: 5828.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -77.342 ± 1.939 χ^2/NDF : 387.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -72.174 ± 1.722 χ^2/NDF : 429.5/15

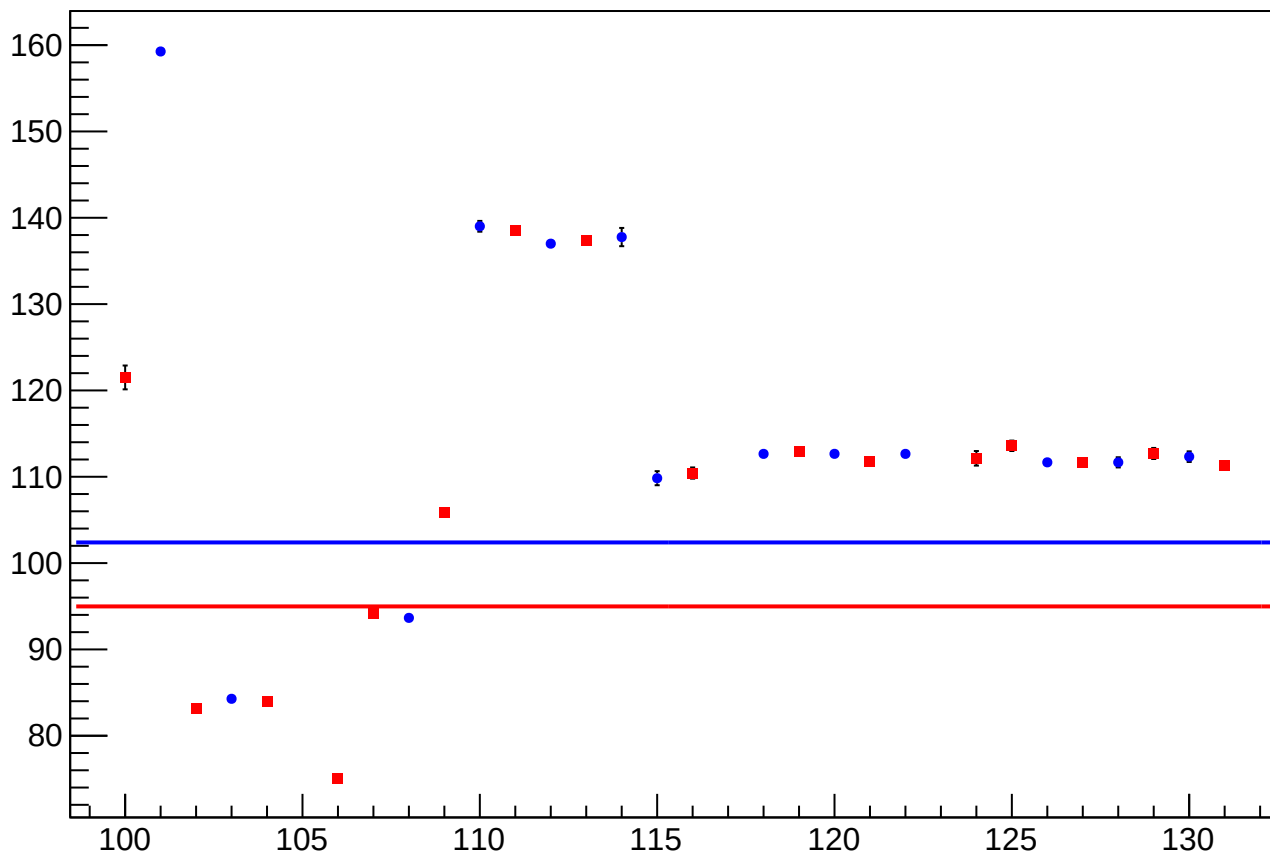
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -74.453 ± 1.288 χ^2/NDF : 821.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 102.392 $\pm$ 0.105 χ^2 /NDF: 42858.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 94.982 $\pm$ 0.092 χ^2 /NDF: 36475.4/15

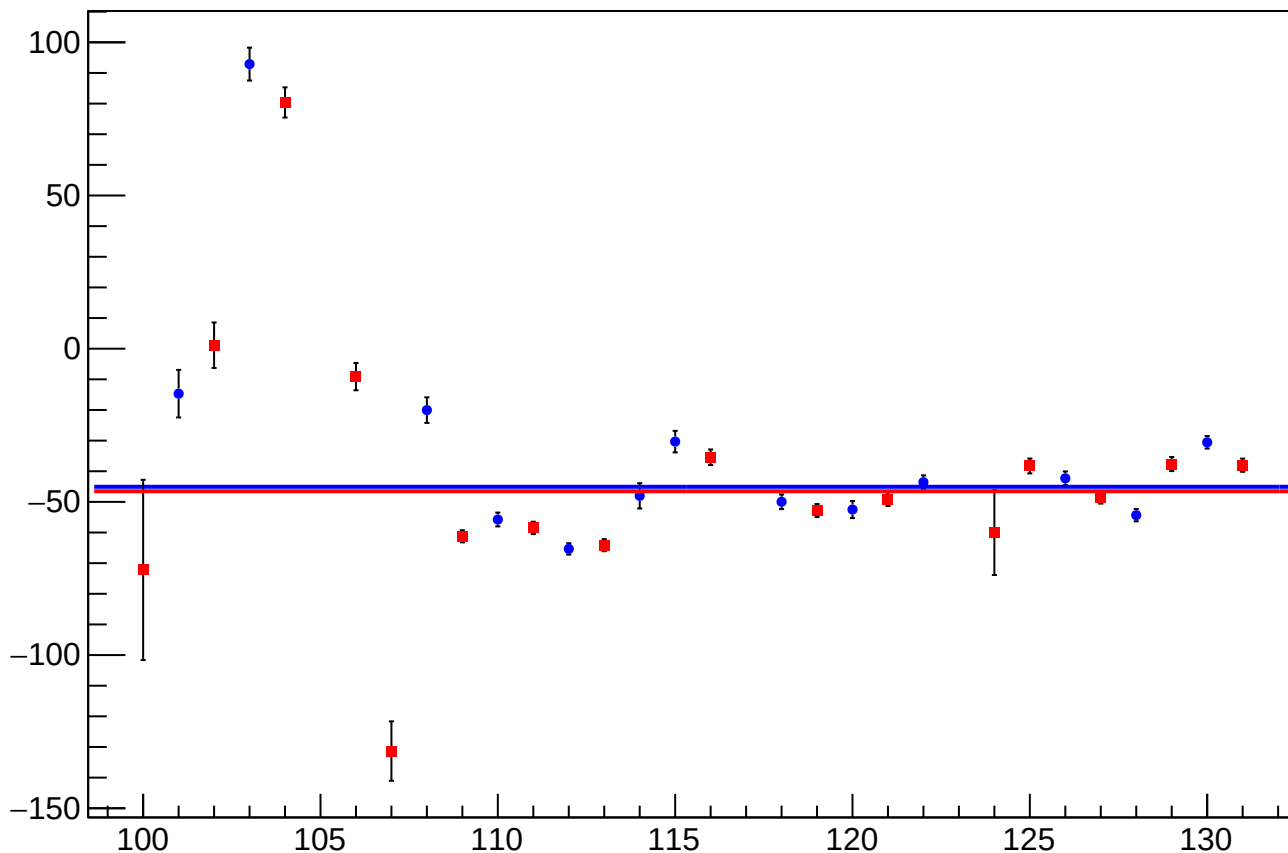
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 98.191 $\pm$ 0.069 χ^2 /NDF: 82141.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



Right In: -45.072 ± 0.721 χ^2/NDF : 957.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -46.536 ± 0.661 χ^2/NDF : 1096.3/15

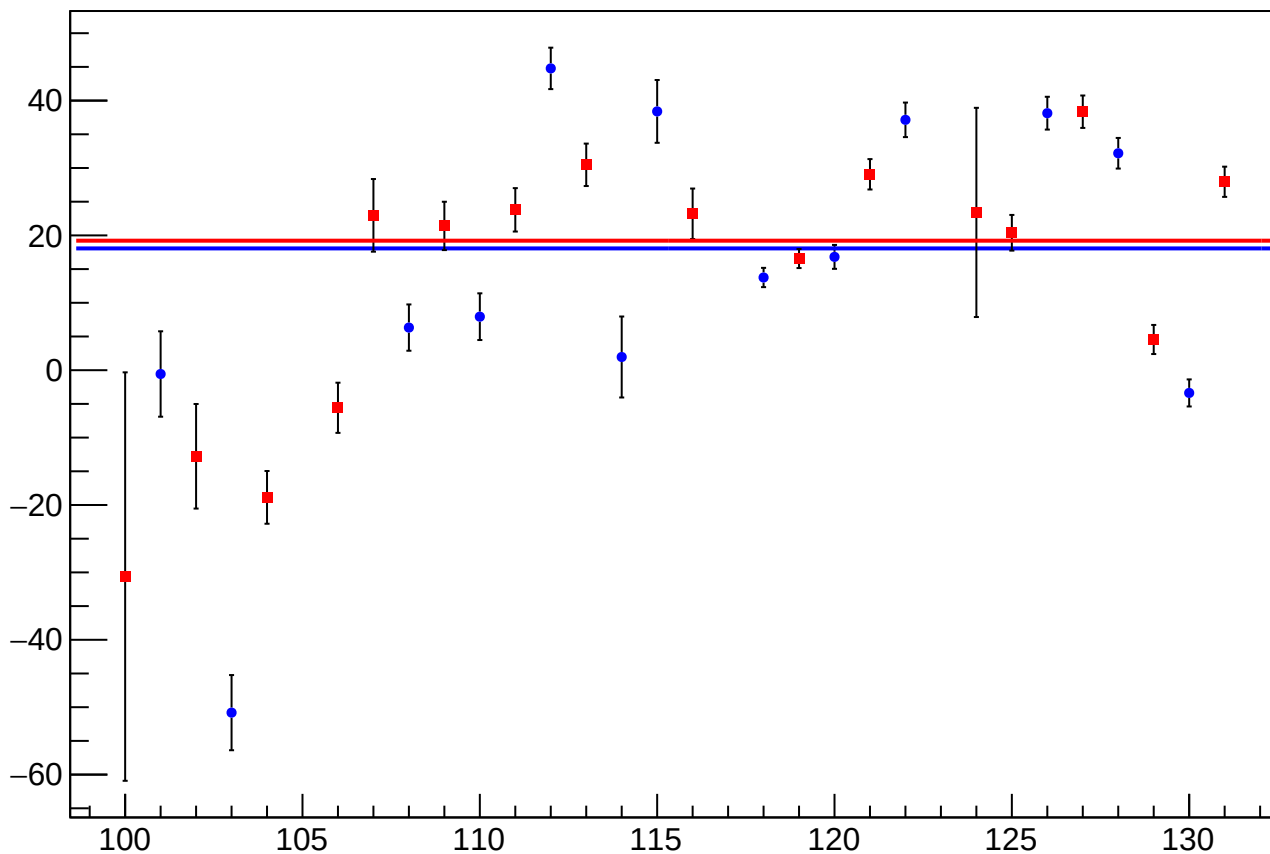
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -45.867 ± 0.487 χ^2/NDF : 2055.9/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.068 $\pm$ 0.712 χ^2 /NDF: 568.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.216 $\pm$ 0.713 χ^2 /NDF: 323.1/15

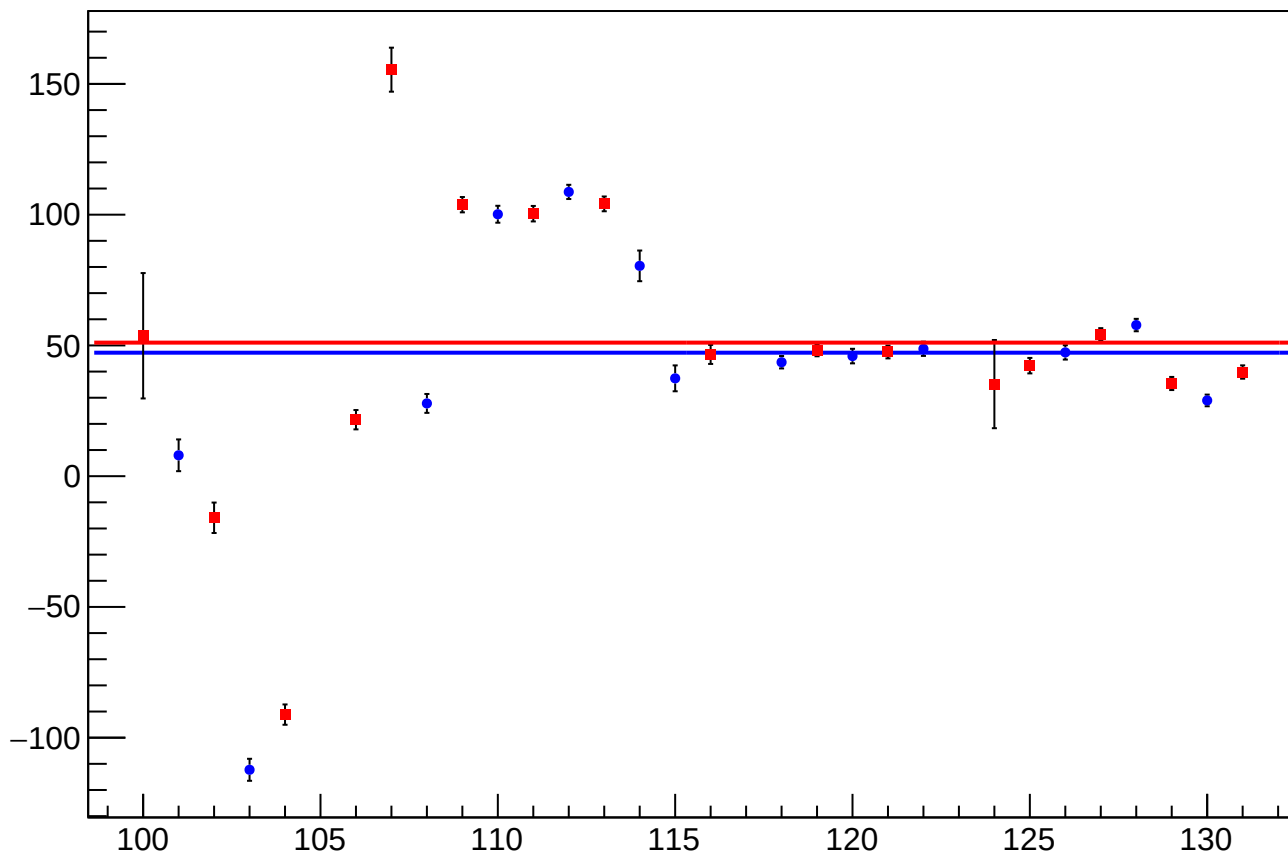
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.641 $\pm$ 0.504 χ^2 /NDF: 893.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 47.221+/-0.841 χ^2 /NDF: 2413.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 51.073+/-0.793 χ^2 /NDF: 2719.5/15

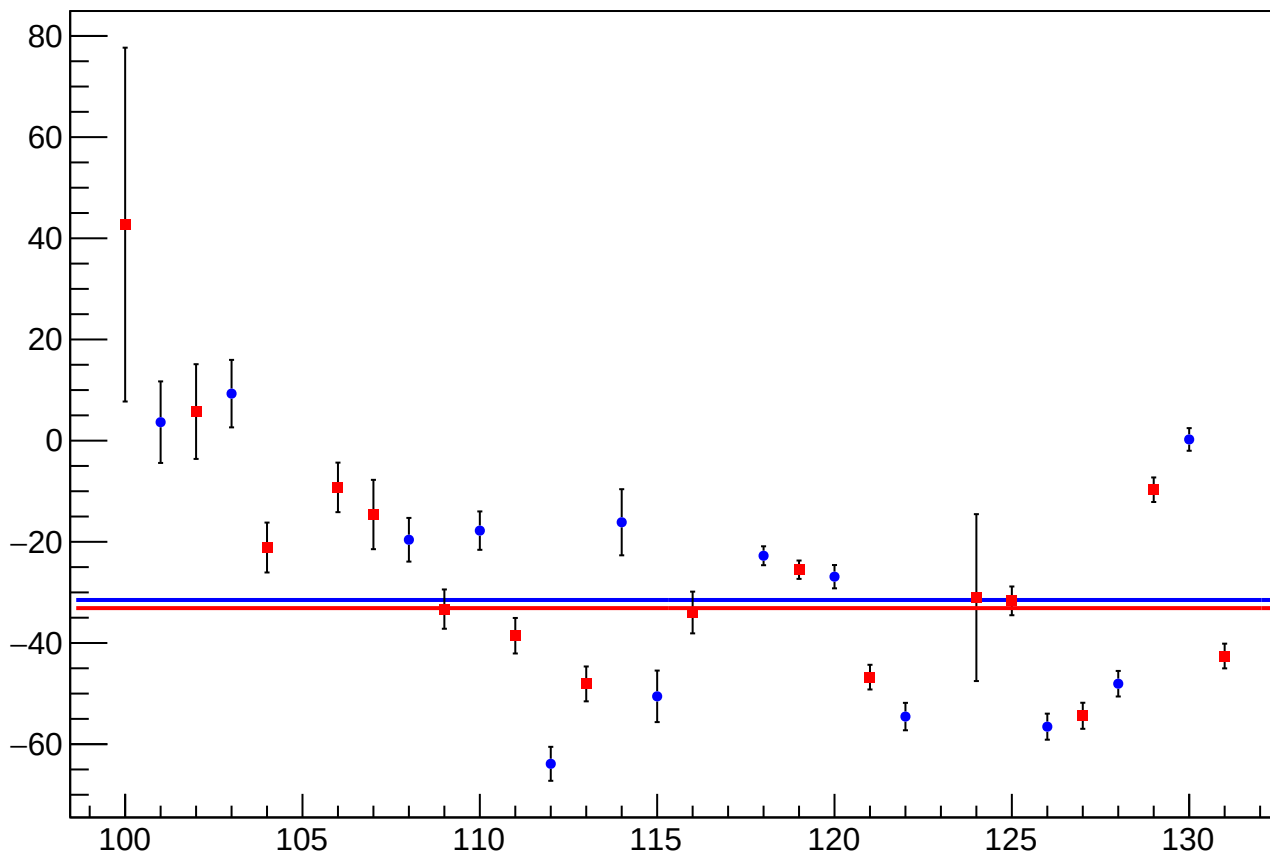
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 49.259+/-0.577 χ^2 /NDF: 5143.5/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -31.496 ± 0.836 χ^2/NDF : 626.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -33.105 ± 0.818 χ^2/NDF : 305.6/15

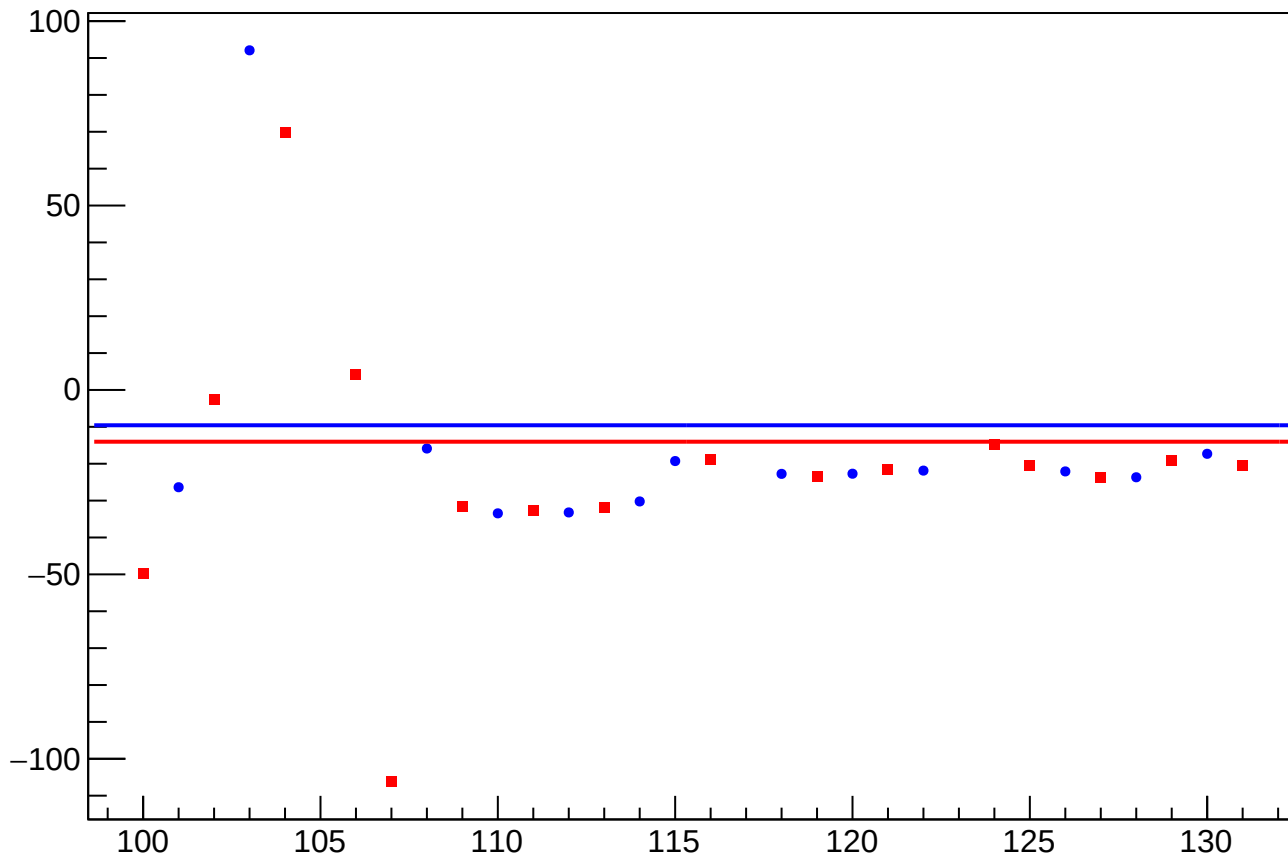
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -32.319 ± 0.585 χ^2/NDF : 933.9/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -9.574 ± 0.059 χ^2/NDF : 381221.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -14.032 ± 0.057 χ^2/NDF : 316684.8/15

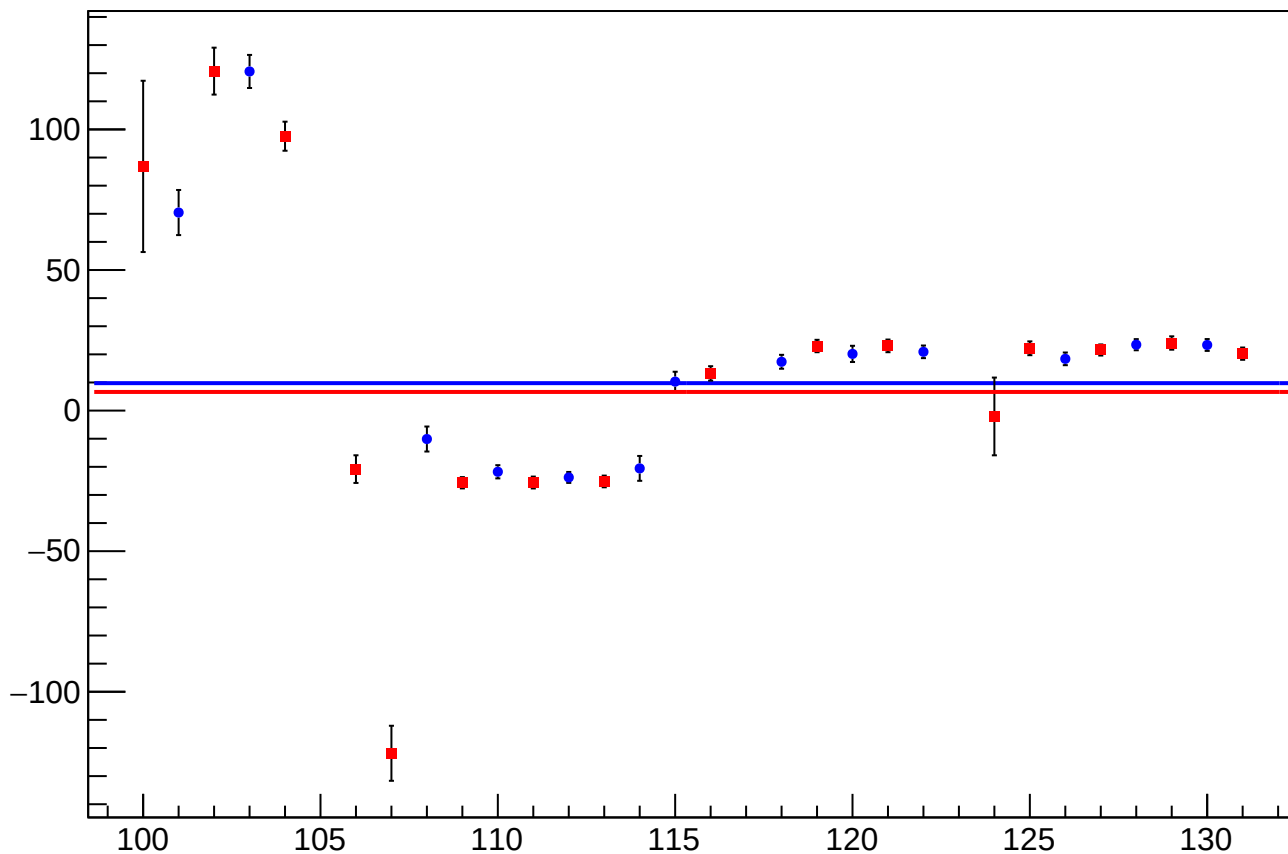
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.908 ± 0.041 χ^2/NDF : 700870.4/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: 9.760 $\pm$ 0.739 χ^2 /NDF: 1107.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.631 $\pm$ 0.678 χ^2 /NDF: 1736.4/15

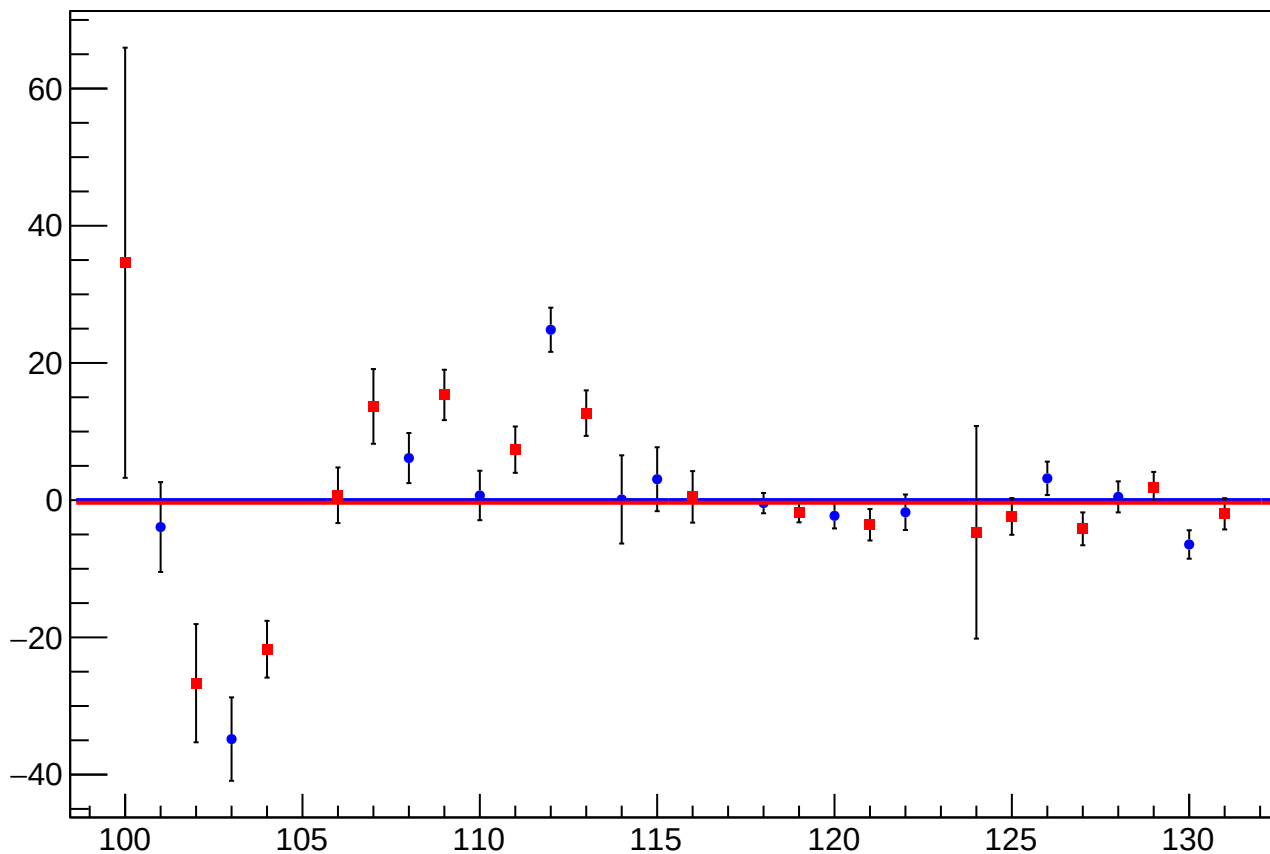
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.060 $\pm$ 0.500 χ^2 /NDF: 2853.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: 0.012 $\pm$ 0.732 χ^2 /NDF: 109.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.374 $\pm$ 0.734 χ^2 /NDF: 90.5/15

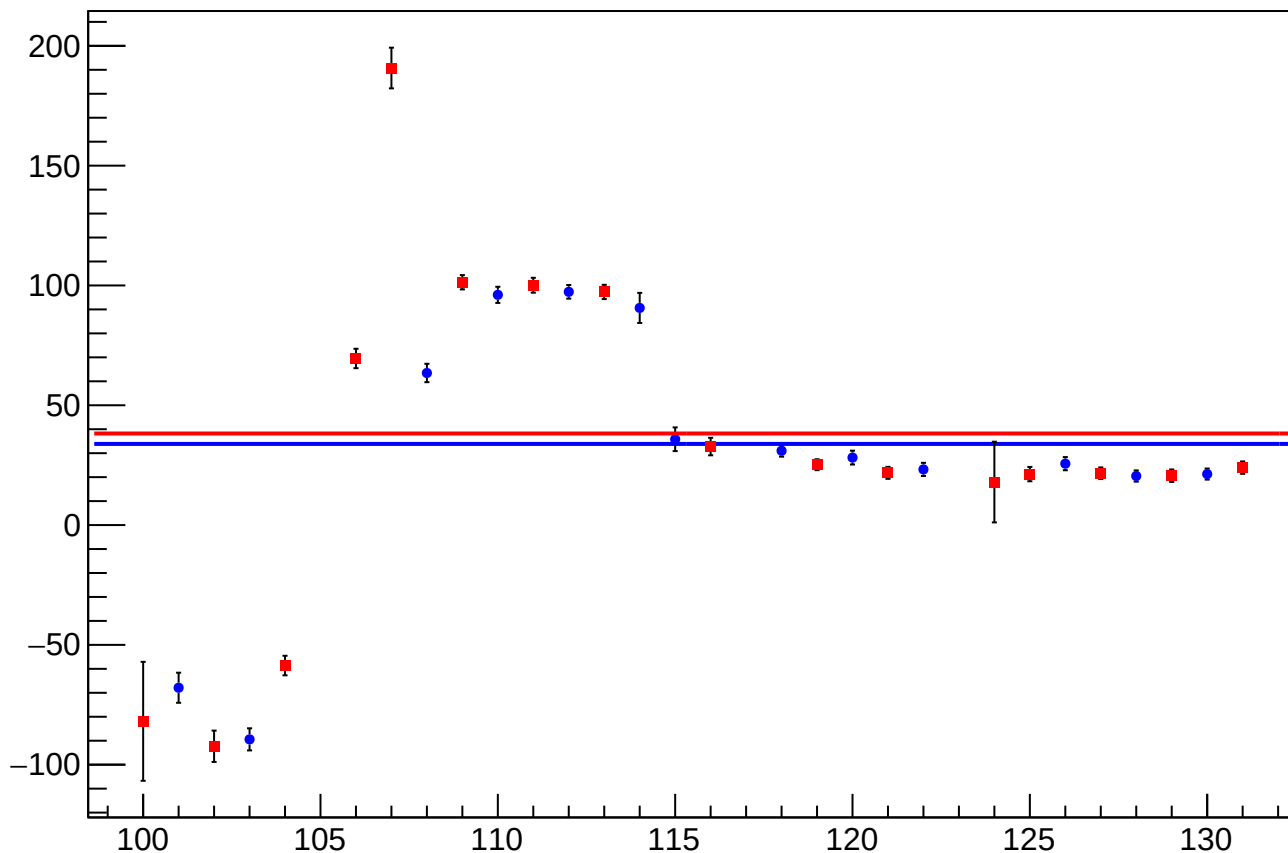
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.181 $\pm$ 0.518 χ^2 /NDF: 200.2/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 33.866+/-0.864 χ^2 /NDF: 2048.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 38.217+/-0.816 χ^2 /NDF: 2840.5/15

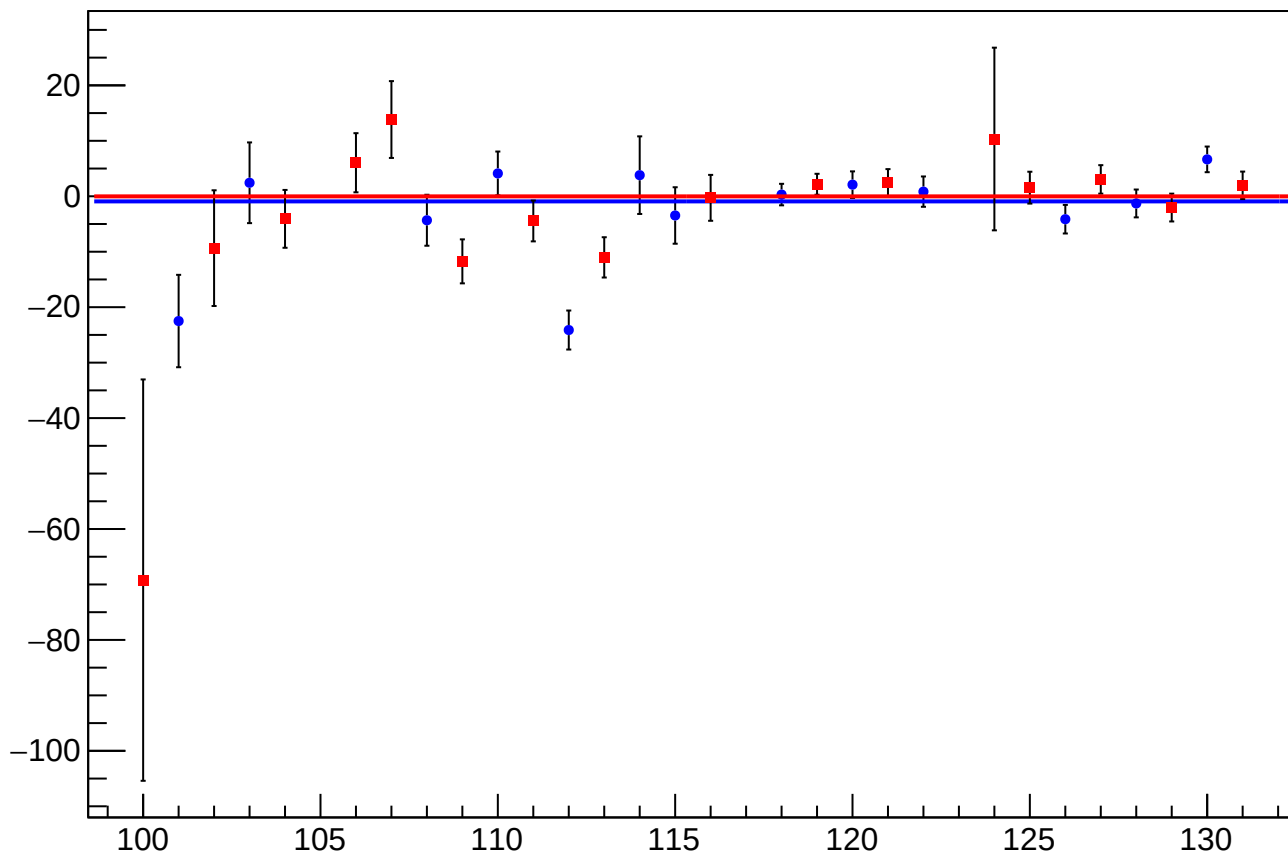
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 36.166+/-0.593 χ^2 /NDF: 4902.3/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.924 ± 0.859 χ^2/NDF : 68.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.019 ± 0.840 χ^2/NDF : 35.4/15

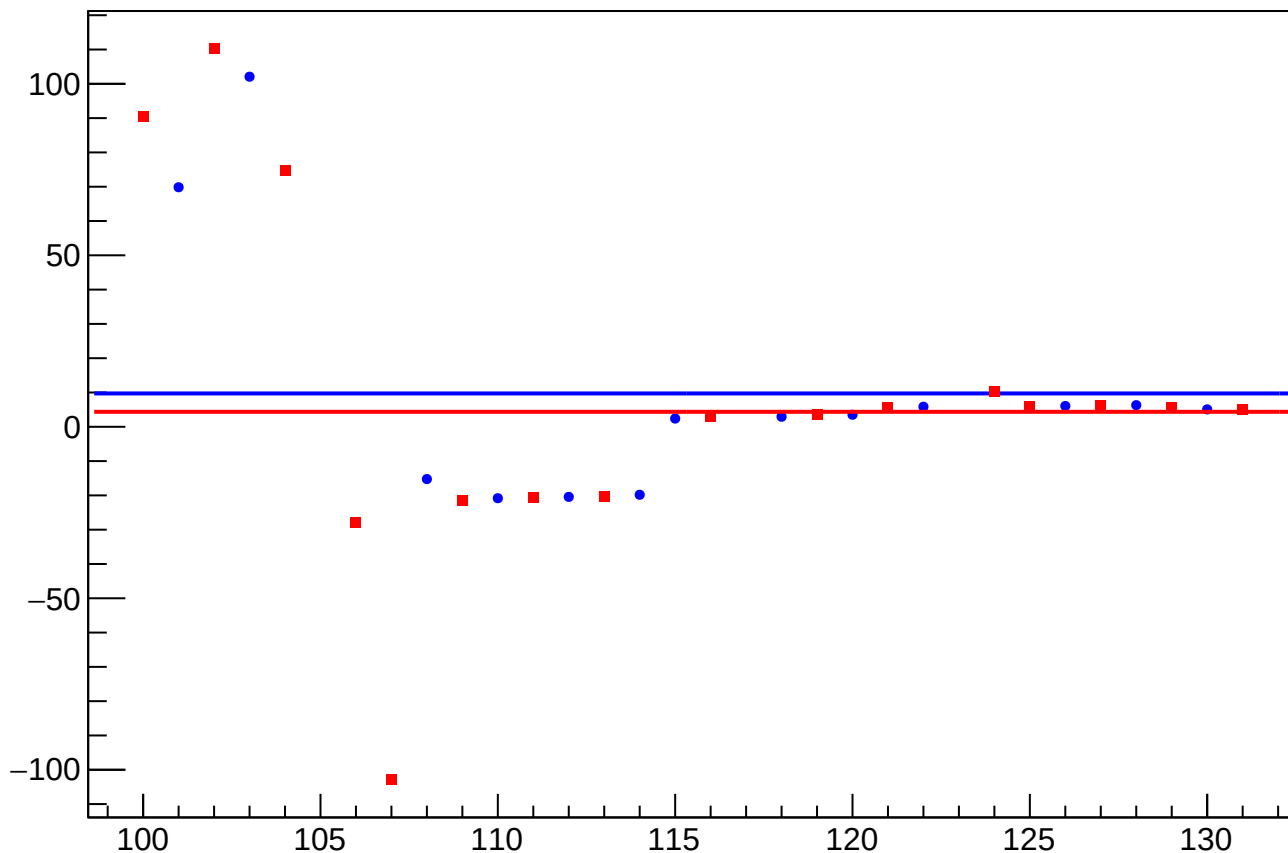
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.461 ± 0.601 χ^2/NDF : 104.0/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 9.727 $\pm$ 0.061 χ^2 /NDF: 316393.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.371 $\pm$ 0.059 χ^2 /NDF: 434435.3/15

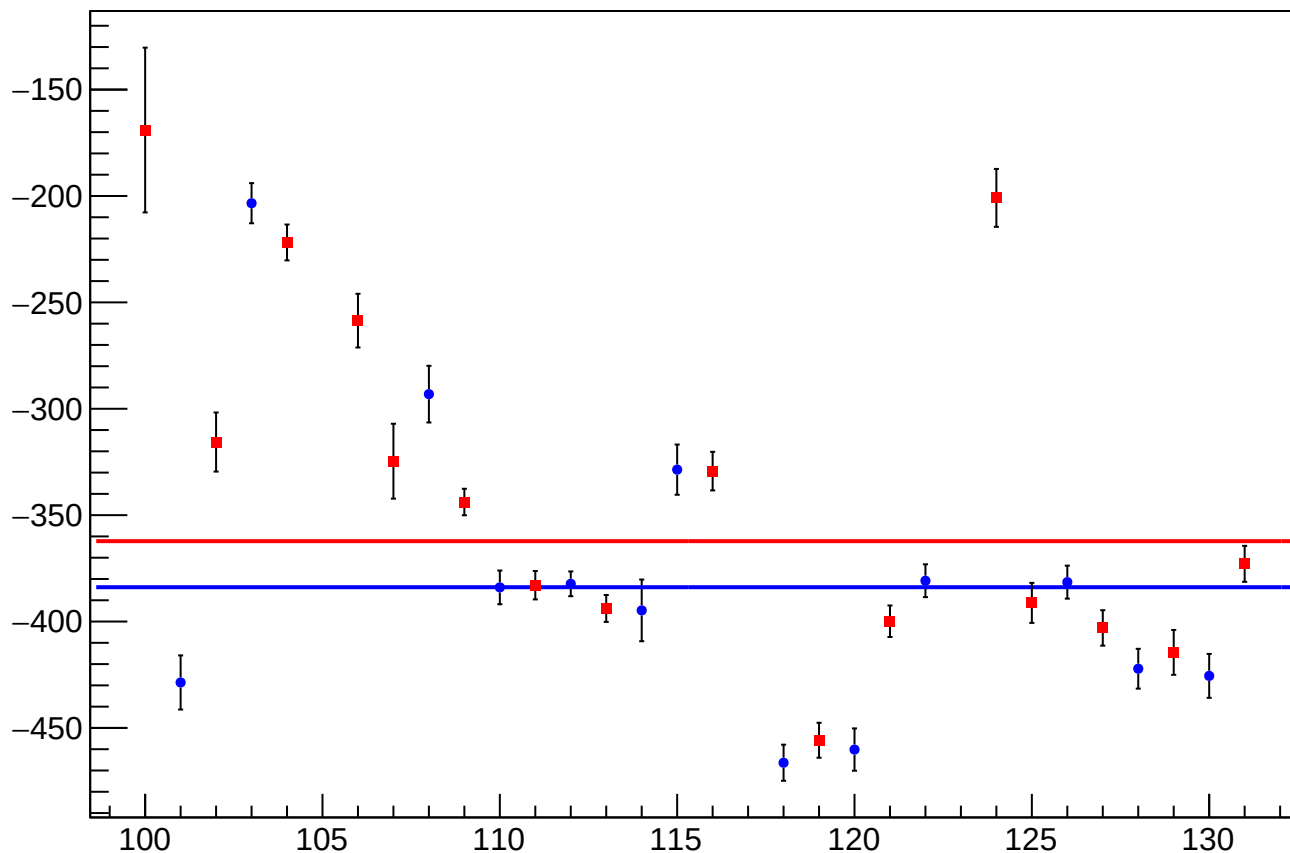
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.926 $\pm$ 0.042 χ^2 /NDF: 754797.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



Right In: -383.862 ± 2.511 χ^2/NDF : 634.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -362.217 ± 2.225 χ^2/NDF : 798.2/15

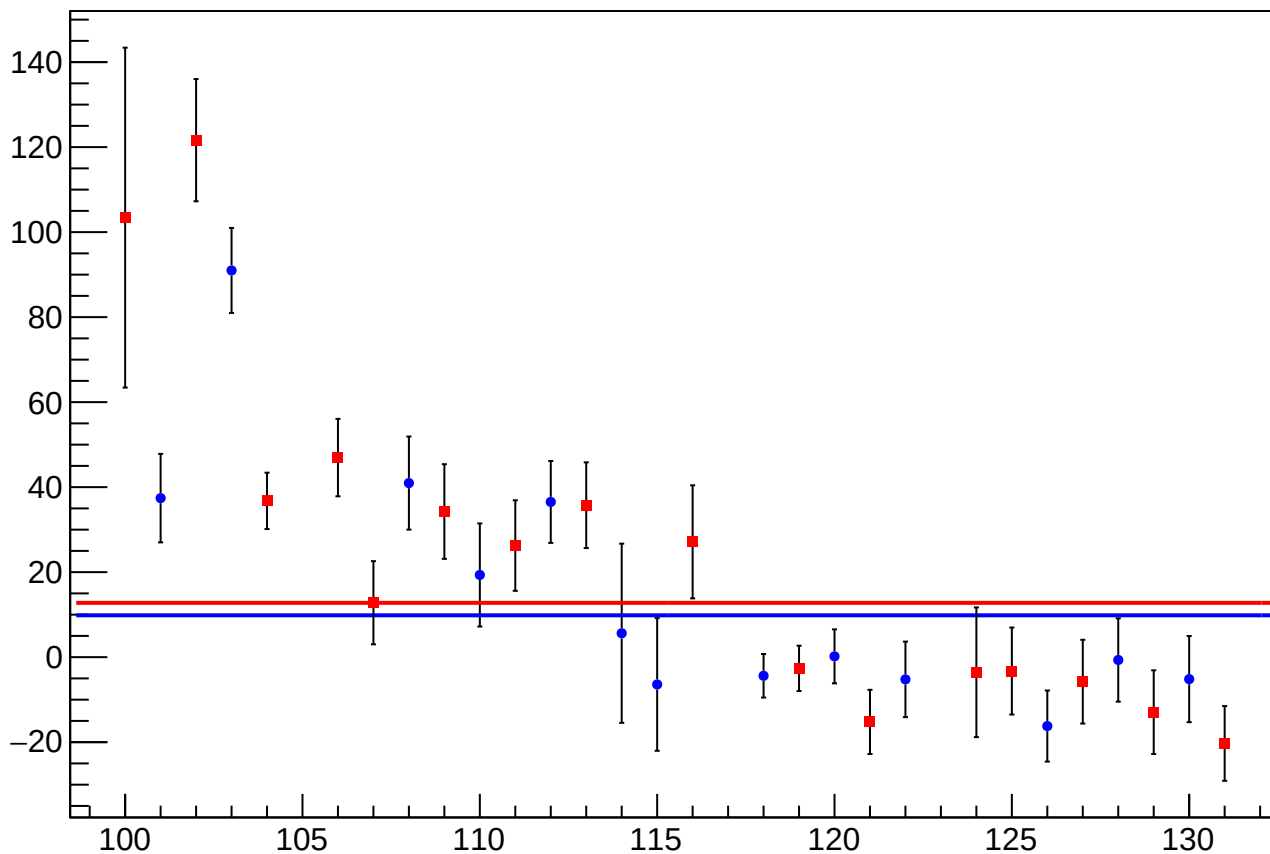
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -371.739 ± 1.665 χ^2/NDF : 1474.1/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: 9.846+/-2.488 χ^2/NDF : 116.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.781+/-2.337 χ^2/NDF : 151.5/15

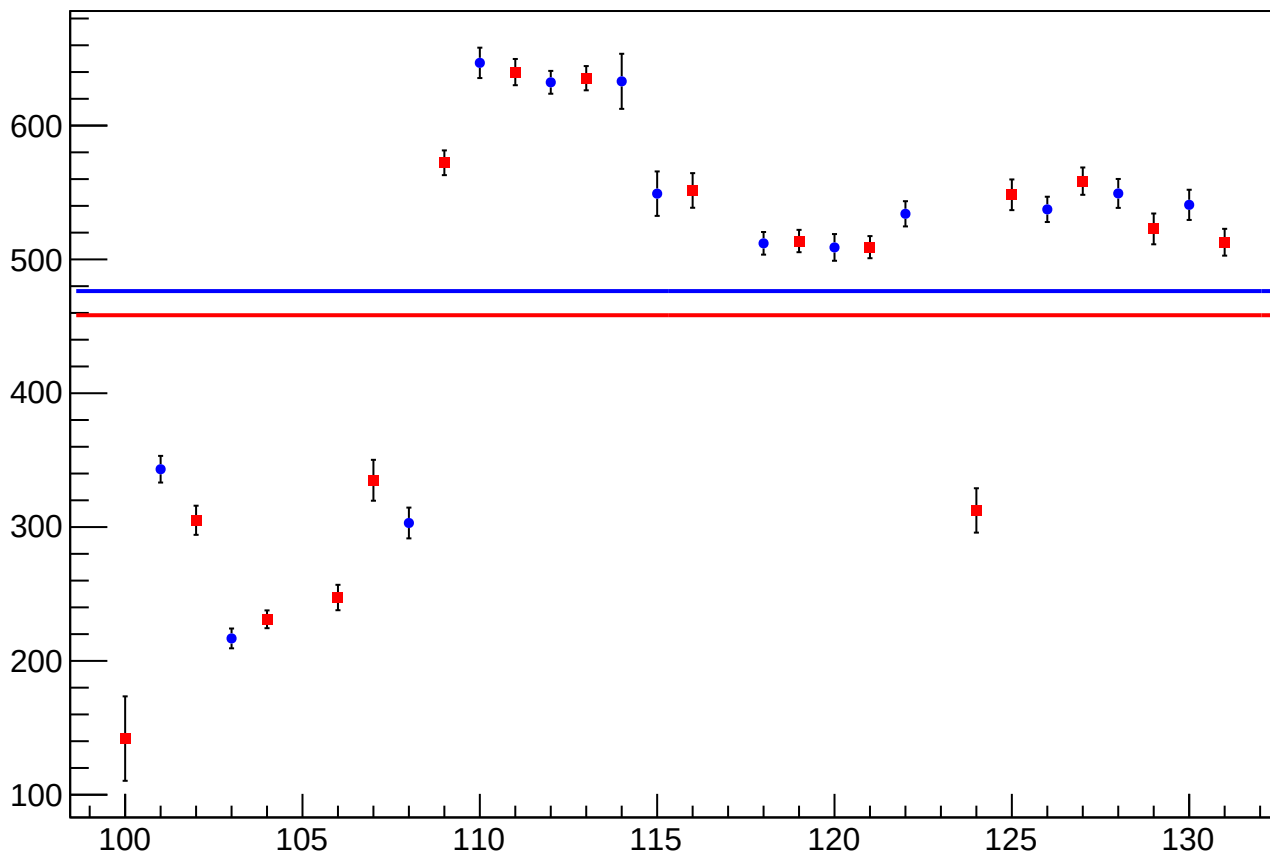
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.405+/-1.703 χ^2/NDF : 268.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 476.327 $\pm$ 2.814 χ^2 /NDF: 2459.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 458.292 $\pm$ 2.539 χ^2 /NDF: 3335.1/15

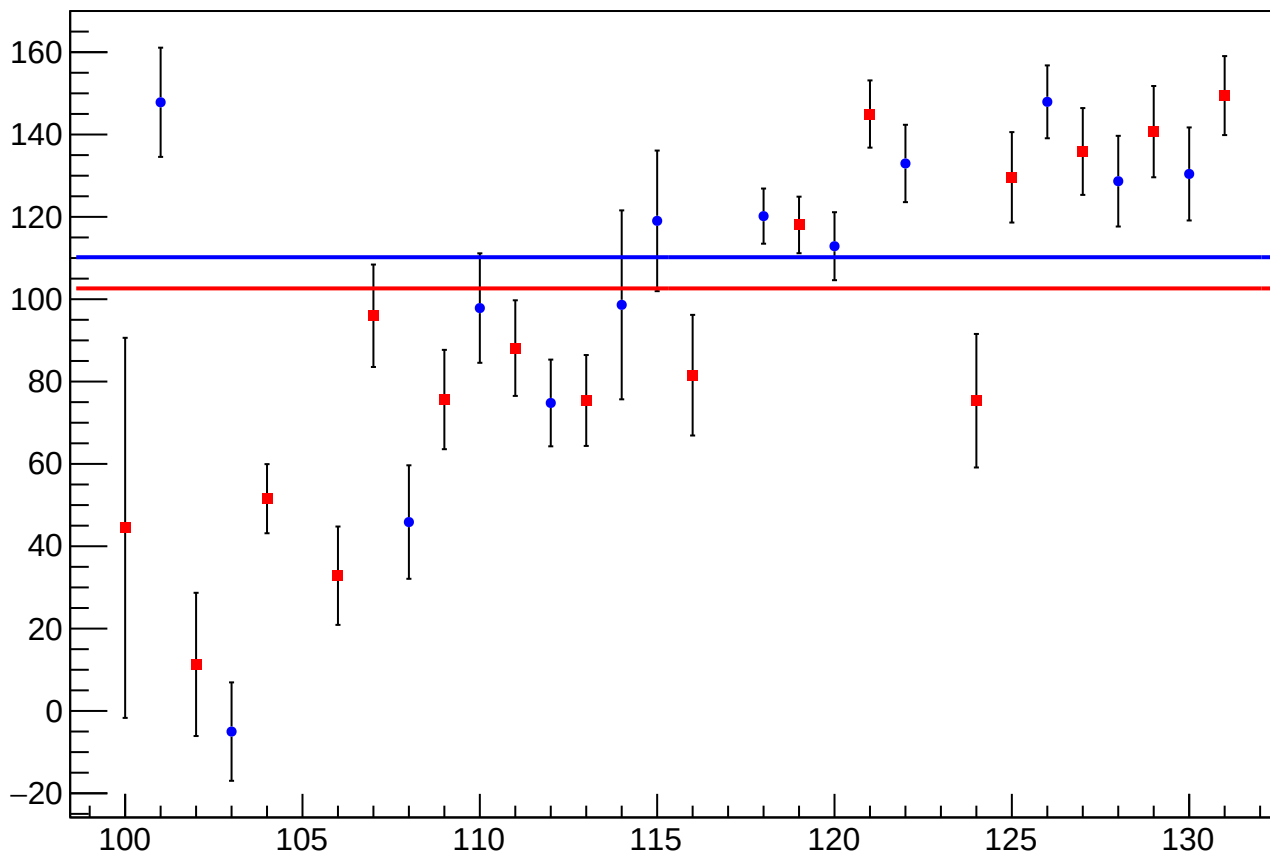
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 466.387 $\pm$ 1.885 χ^2 /NDF: 5817.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 110.201 $\pm$ 2.948 χ^2 /NDF: 167.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 102.625 $\pm$ 2.723 χ^2 /NDF: 201.7/15

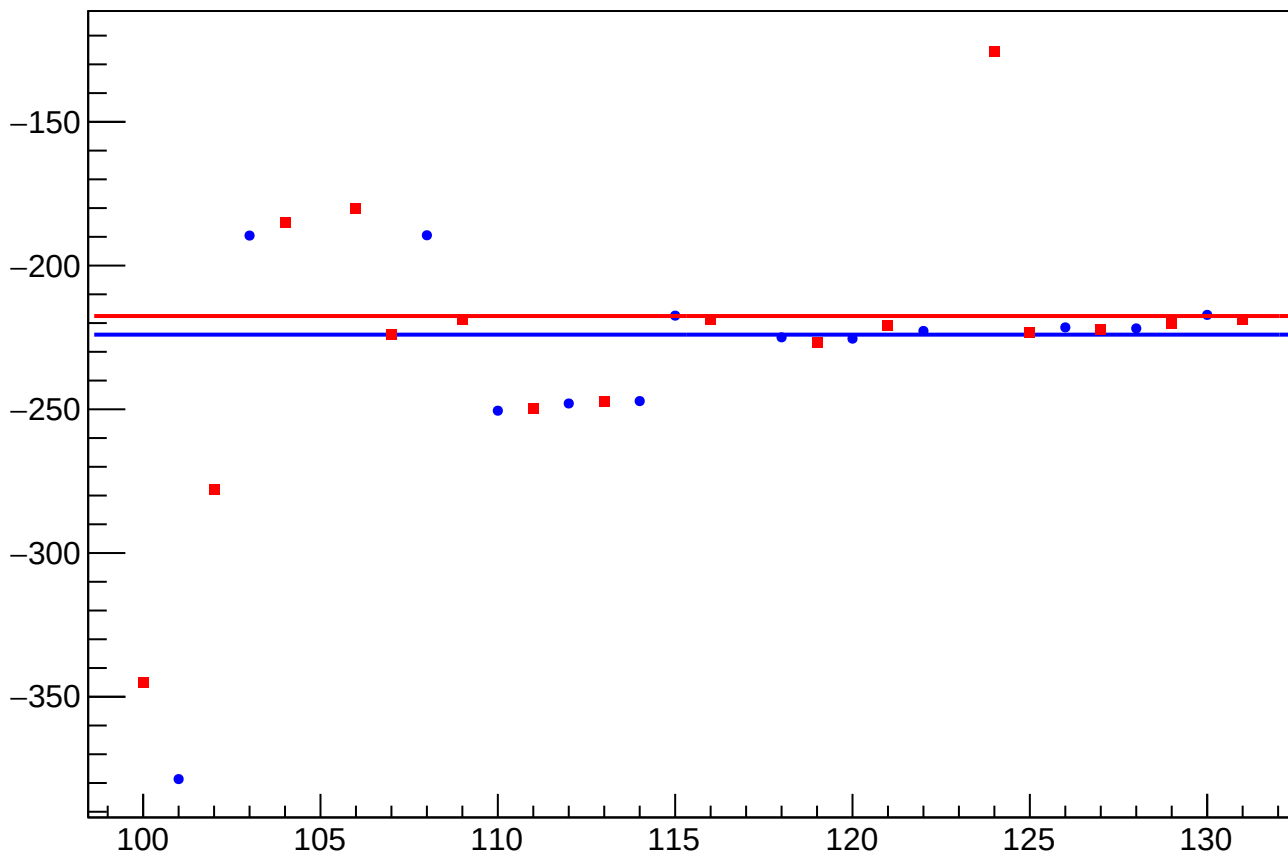
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 106.113 $\pm$ 2.000 χ^2 /NDF: 373.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -224.031 ± 0.176 χ^2/NDF : 87688.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -217.556 ± 0.161 χ^2/NDF : 47395.8/15

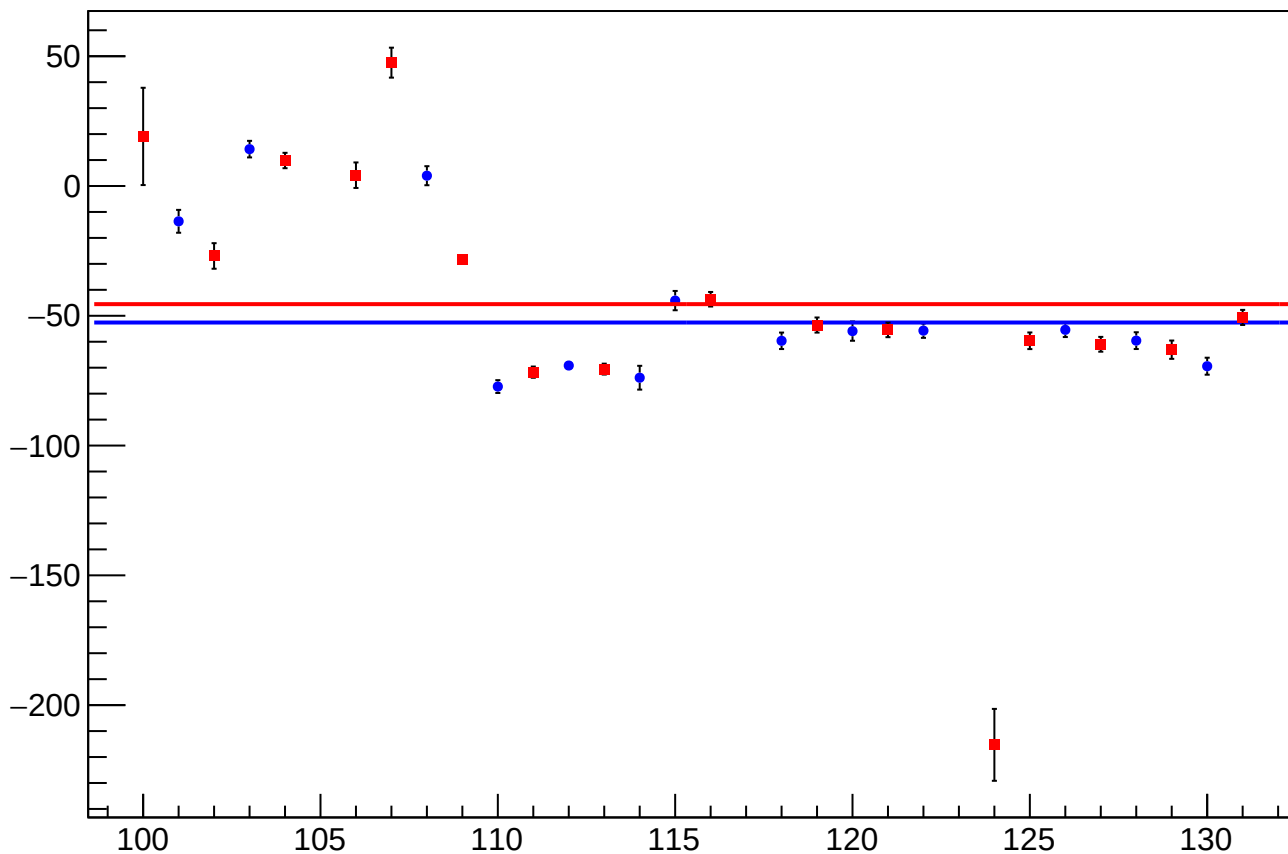
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -220.512 ± 0.119 χ^2/NDF : 135818.7/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



Right In: -52.598 $\pm$ 0.848 χ^2 /NDF: 992.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -45.517 $\pm$ 0.726 χ^2 /NDF: 1398.7/15

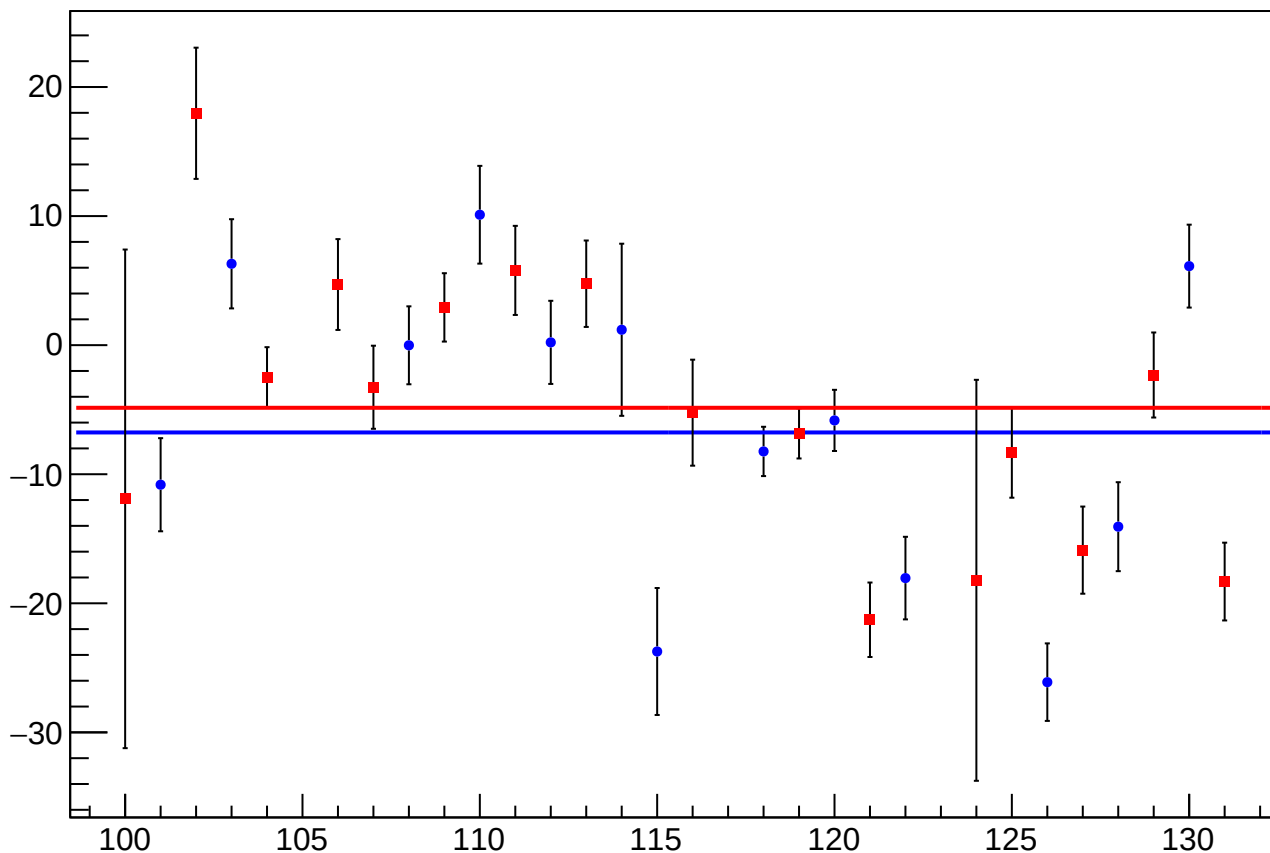
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -48.513 $\pm$ 0.552 χ^2 /NDF: 2431.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -6.763 ± 0.863 $\chi^2/\text{NDF}: 133.7/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -4.853 ± 0.806 $\chi^2/\text{NDF}: 121.7/15$

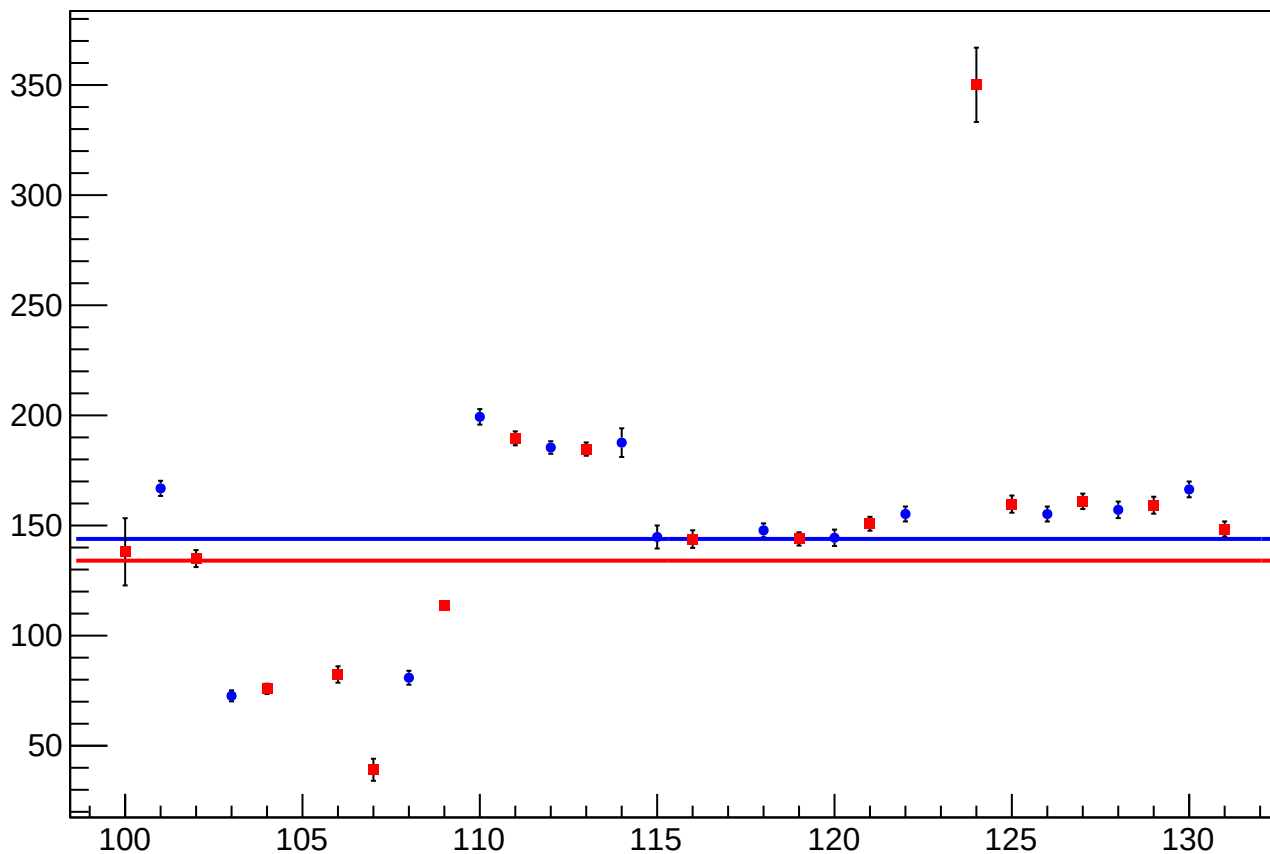
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -5.743 ± 0.589 $\chi^2/\text{NDF}: 258.0/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 143.905 $\pm$ 0.953 χ^2 /NDF: 1826.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 134.049 $\pm$ 0.861 χ^2 /NDF: 2215.6/15

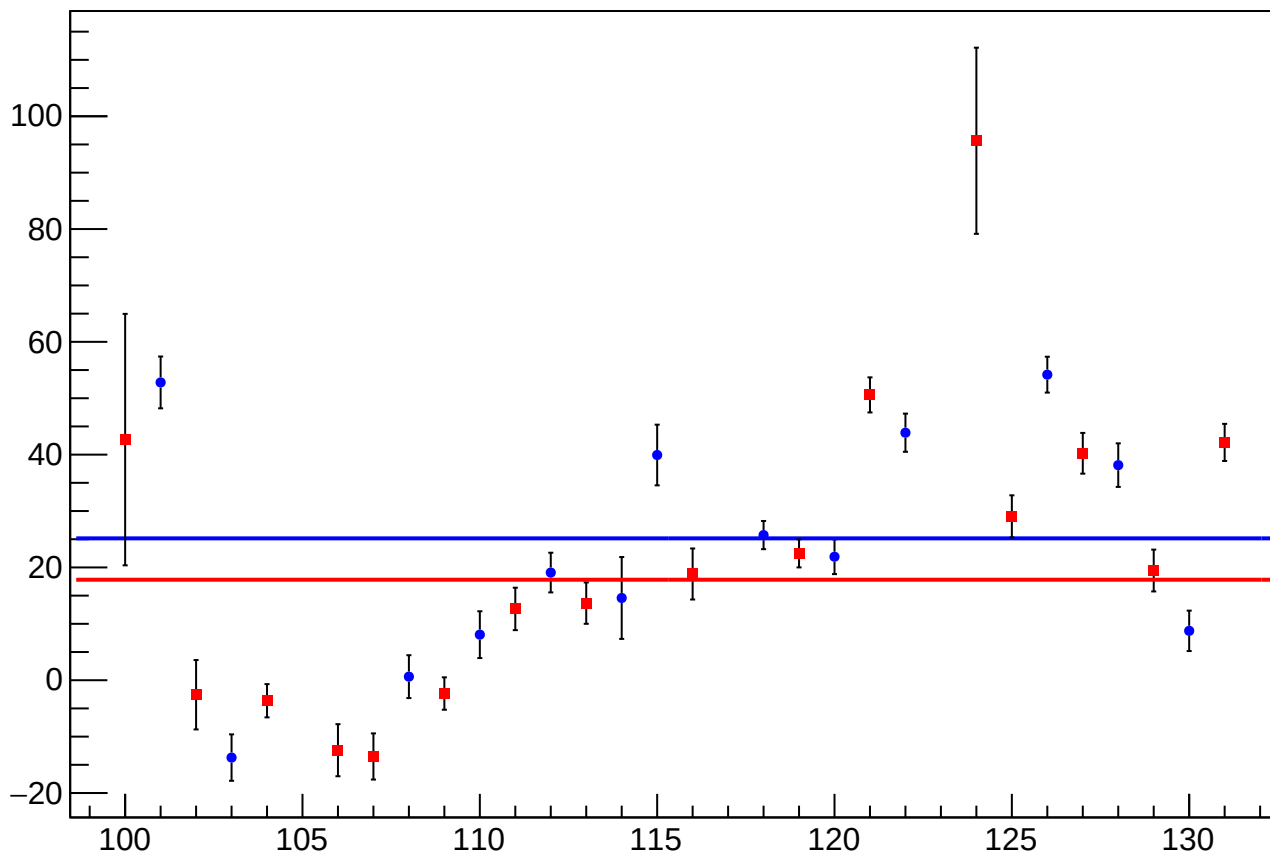
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 138.479 $\pm$ 0.639 χ^2 /NDF: 4101.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 25.152 $\pm$ 1.018 χ^2 /NDF: 344.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.819 $\pm$ 0.934 χ^2 /NDF: 458.7/15

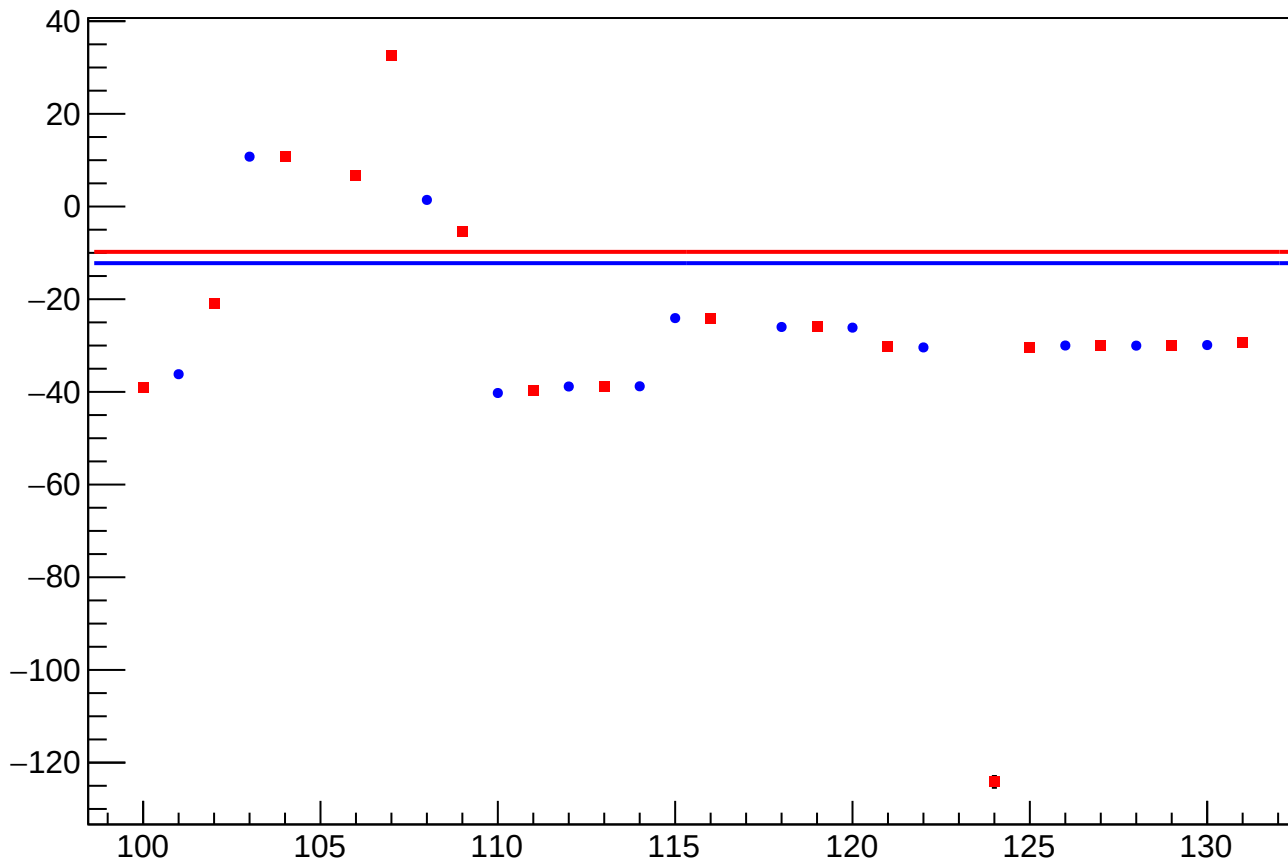
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.170 $\pm$ 0.688 χ^2 /NDF: 831.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -12.221 $\pm$ 0.058 χ^2 /NDF: 121771.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -9.783 $\pm$ 0.055 χ^2 /NDF: 160404.6/15

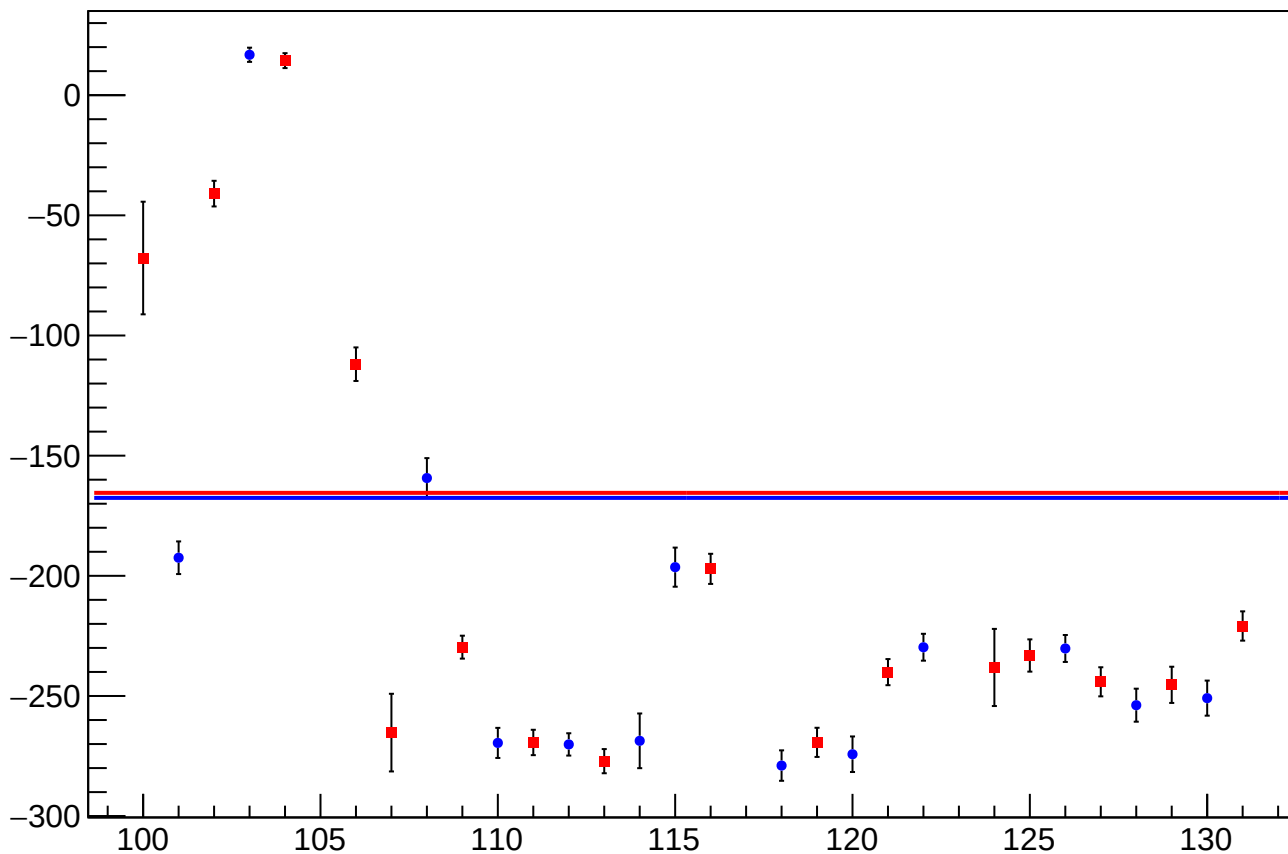
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.938 $\pm$ 0.040 χ^2 /NDF: 283102.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



Right In: -167.568 ± 1.597 χ^2/NDF : 5801.3/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -165.477 ± 1.460 χ^2/NDF : 6070.9/15

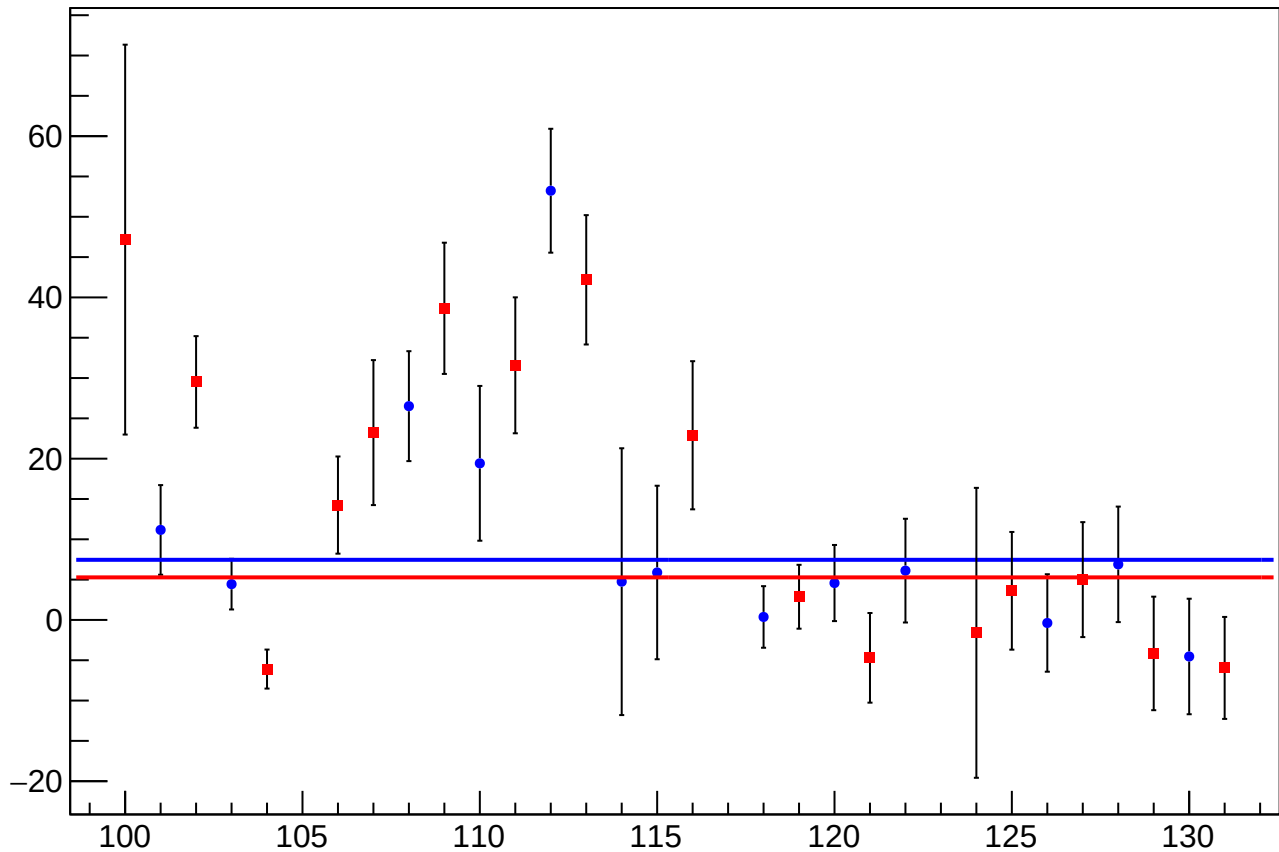
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -166.430 ± 1.078 χ^2/NDF : 11873.1/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: 7.456+/-1.583 χ^2/NDF : 54.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.278+/-1.439 χ^2/NDF : 109.6/15

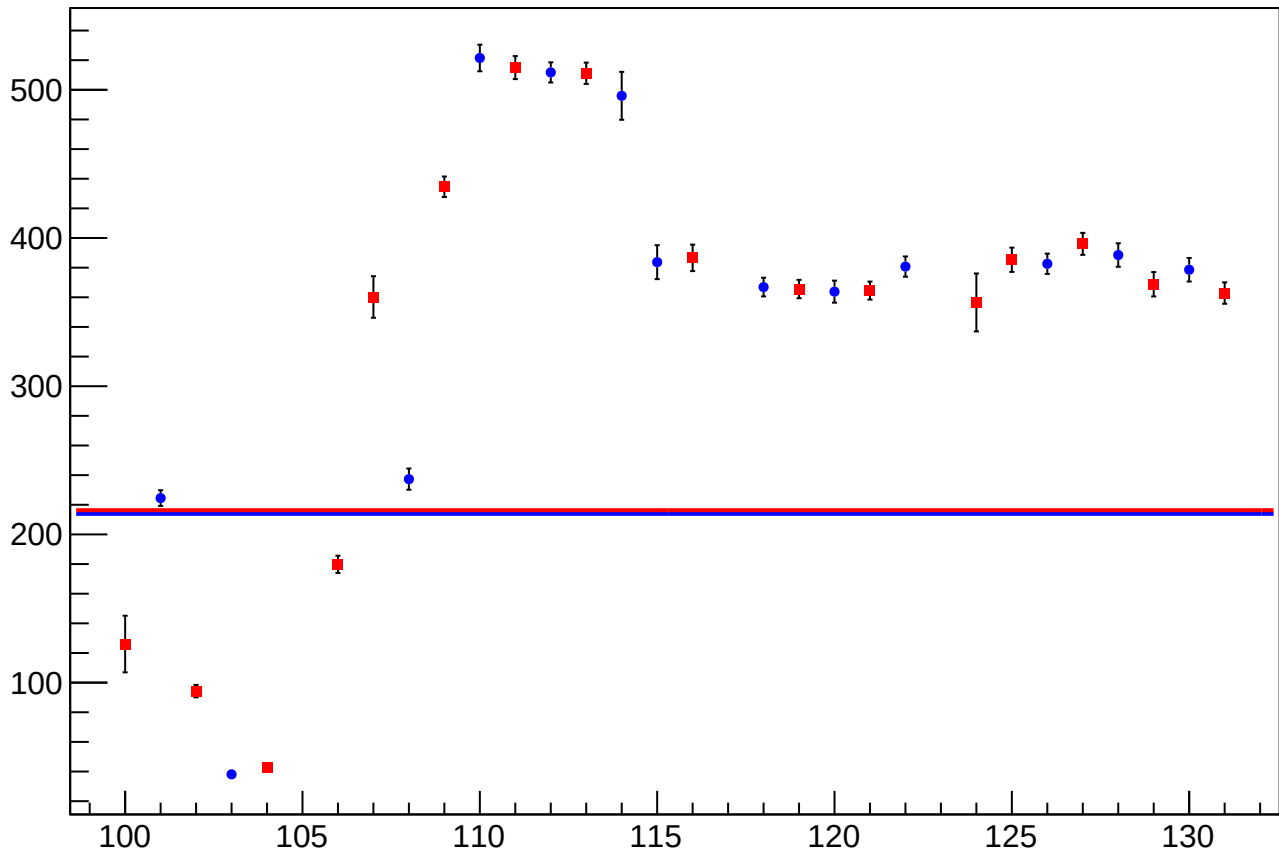
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.264+/-1.065 χ^2/NDF : 165.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 213.900 $\pm$ 1.574 χ^2 /NDF: 12475.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 216.347 $\pm$ 1.484 χ^2 /NDF: 13552.1/15

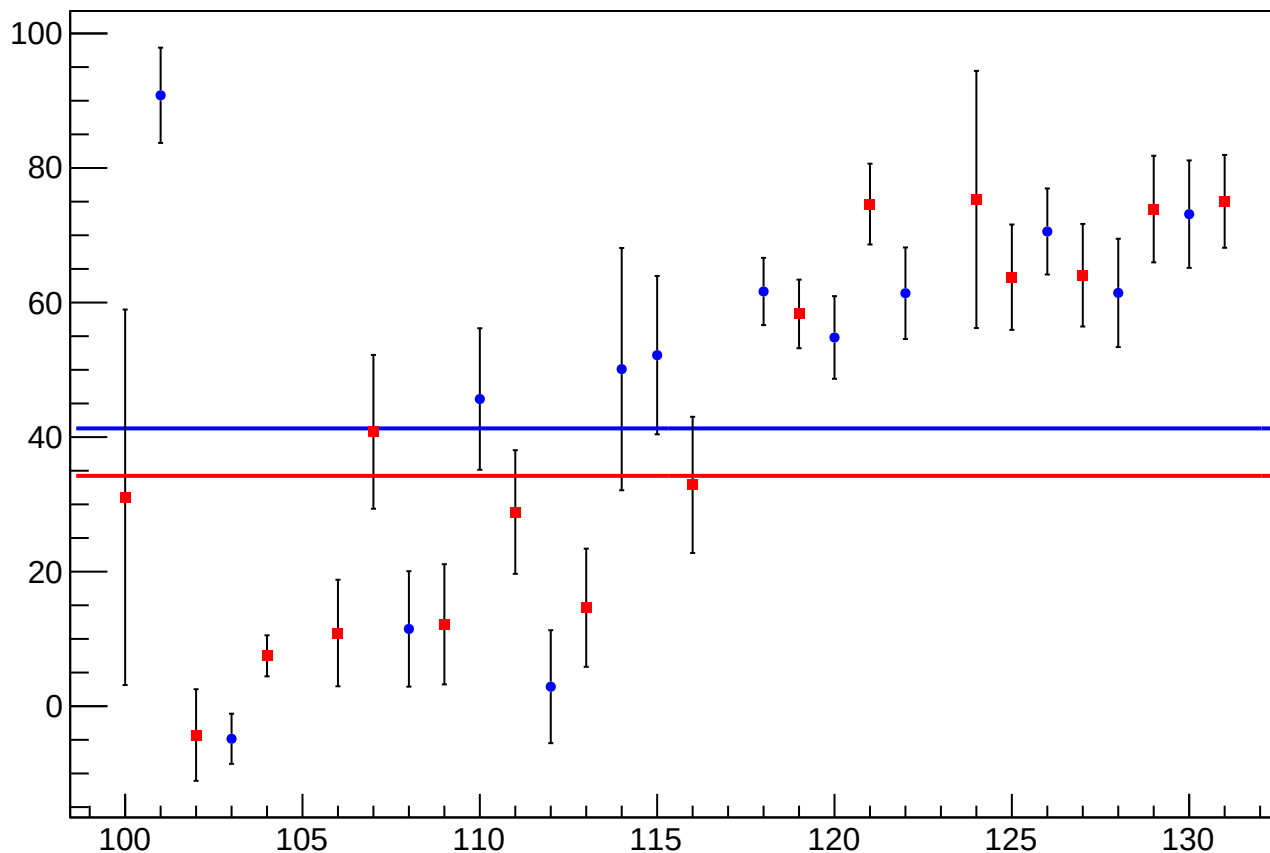
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 215.195 $\pm$ 1.080 χ^2 /NDF: 26029.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 41.293+/-1.881 χ^2 /NDF: 309.4/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 34.242+/-1.714 χ^2 /NDF: 291.2/15

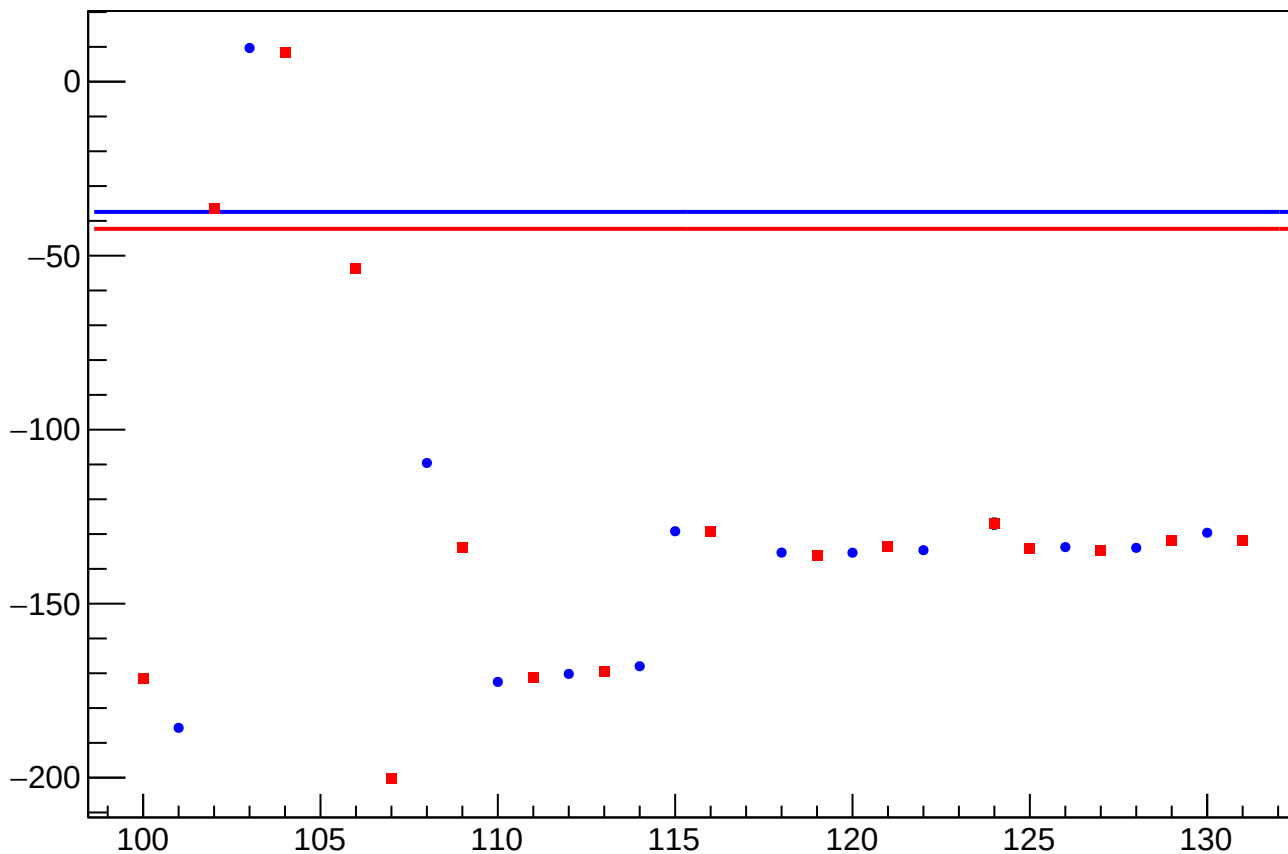
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 37.440+/-1.267 χ^2 /NDF: 608.3/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -37.416 ± 0.080 χ^2/NDF : 812252.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -42.290 ± 0.080 χ^2/NDF : 602305.8/15

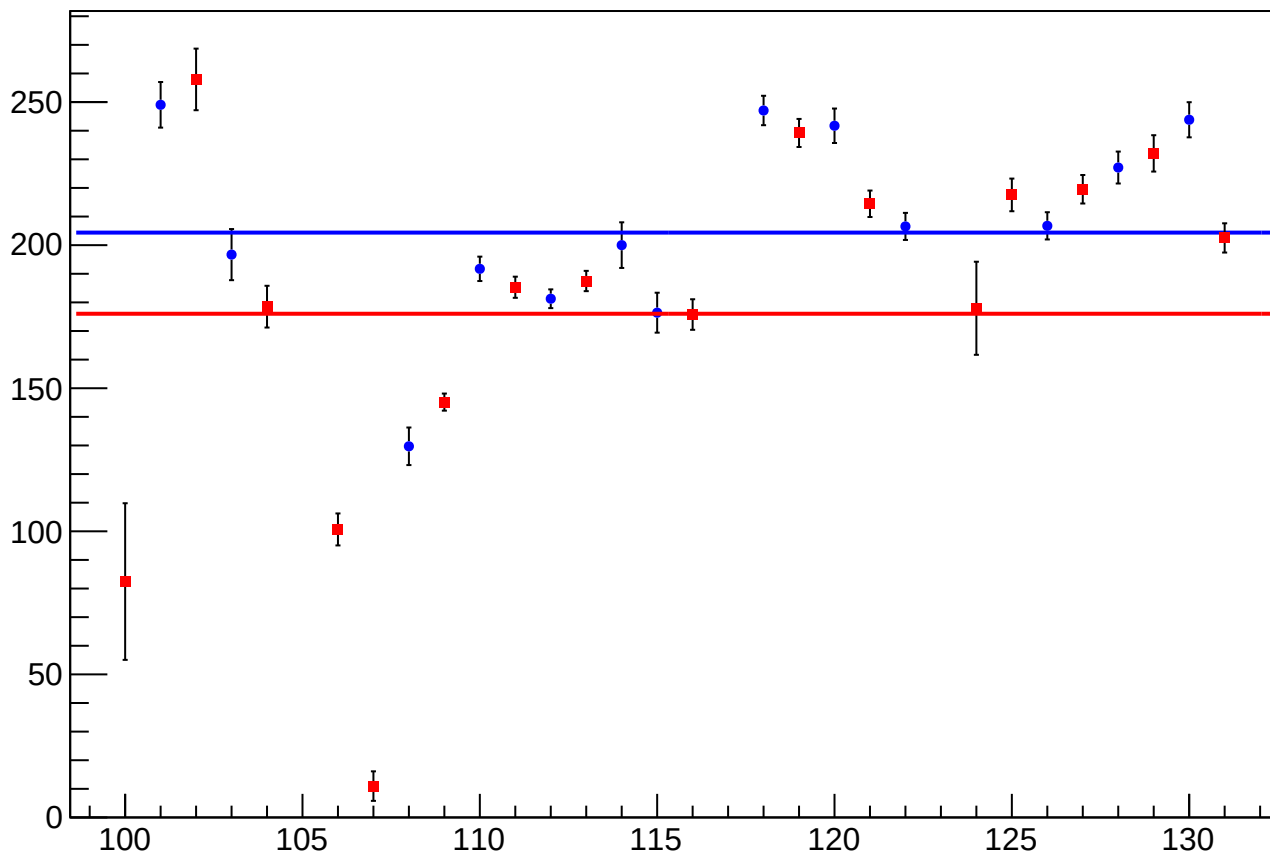
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.862 ± 0.057 χ^2/NDF : 1416410.6/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



Right In: 204.392 $\pm$ 1.492 χ^2 /NDF: 402.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 176.031 $\pm$ 1.265 χ^2 /NDF: 1867.9/15

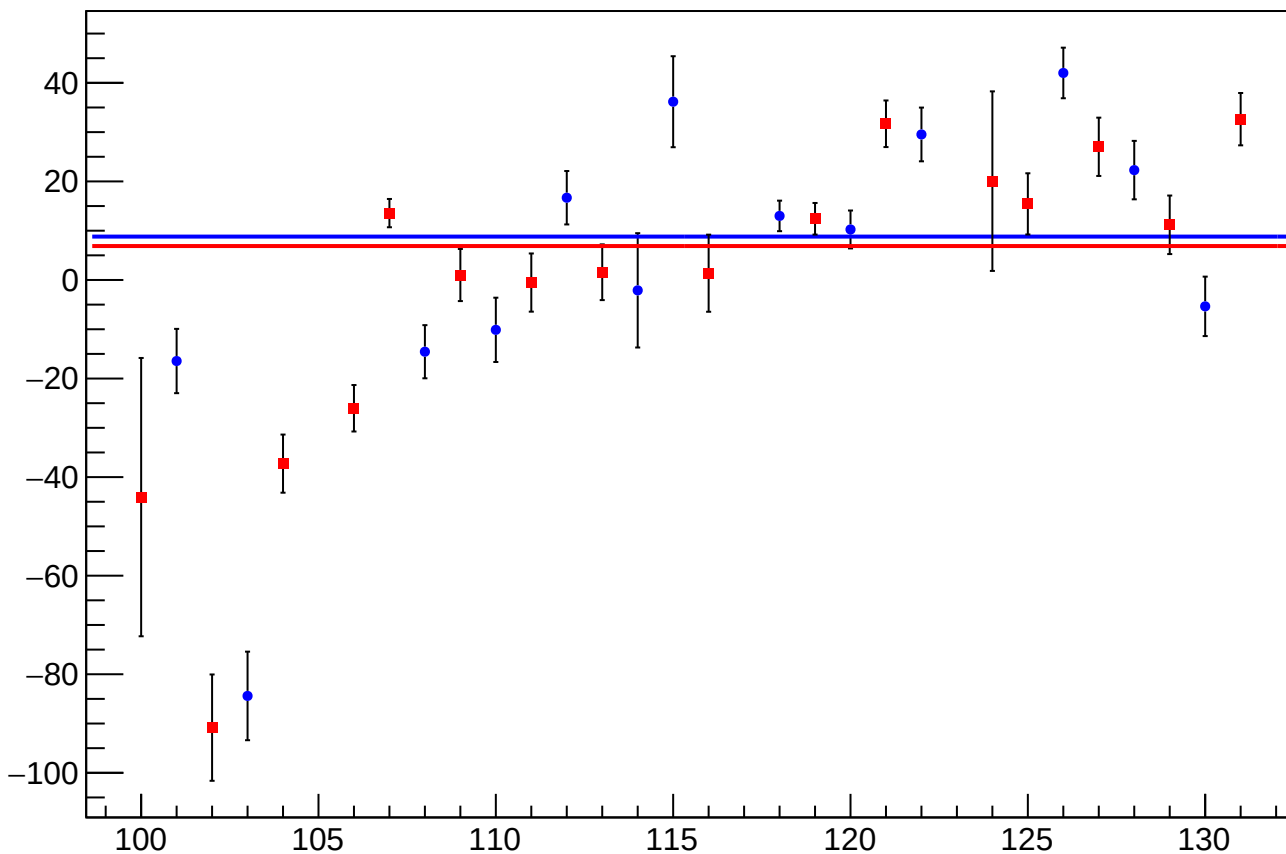
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 187.891 $\pm$ 0.965 χ^2 /NDF: 2480.4/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 8.805+/-1.497 χ^2/NDF : 230.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.885+/-1.312 χ^2/NDF : 268.3/15

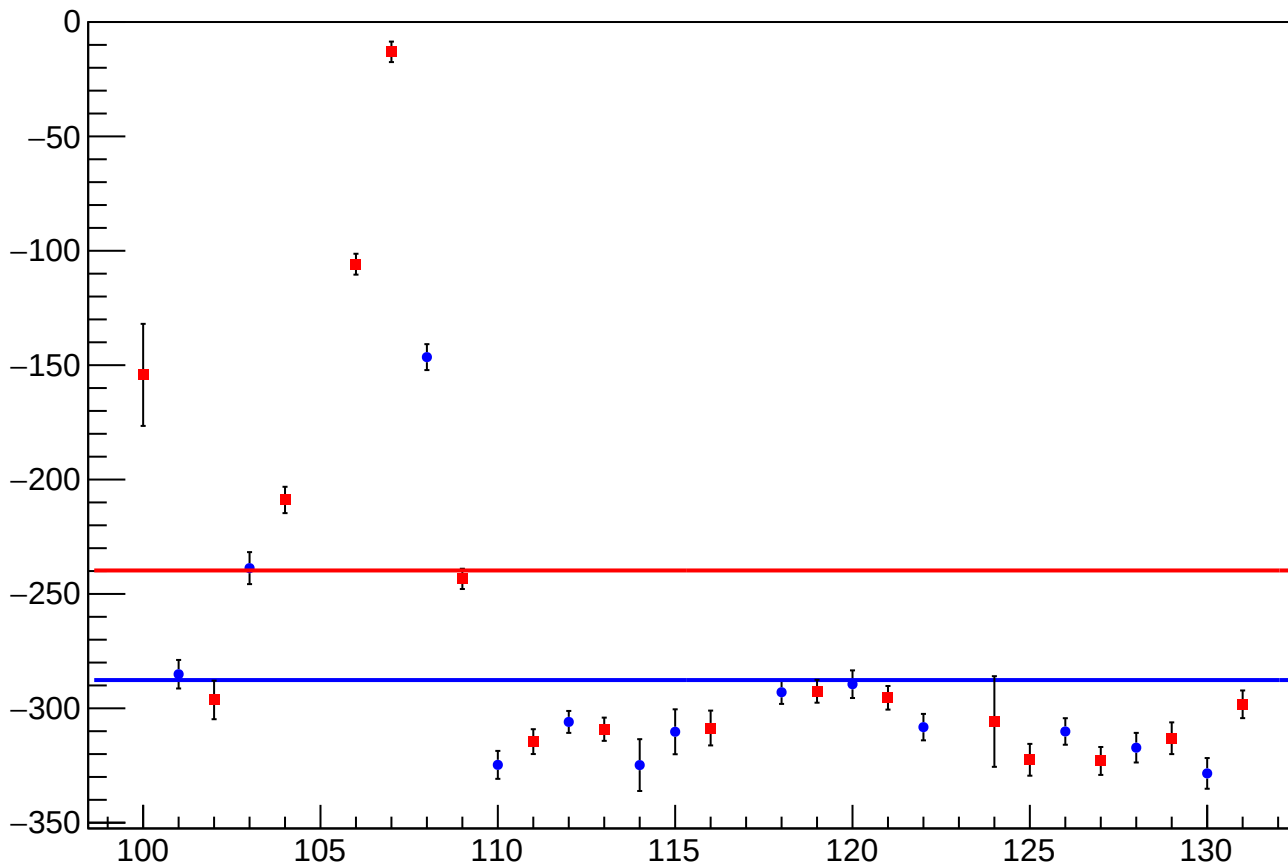
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.720+/-0.987 χ^2/NDF : 499.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -287.646 ± 1.722 χ^2/NDF : 823.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -239.739 ± 1.473 χ^2/NDF : 4743.7/15

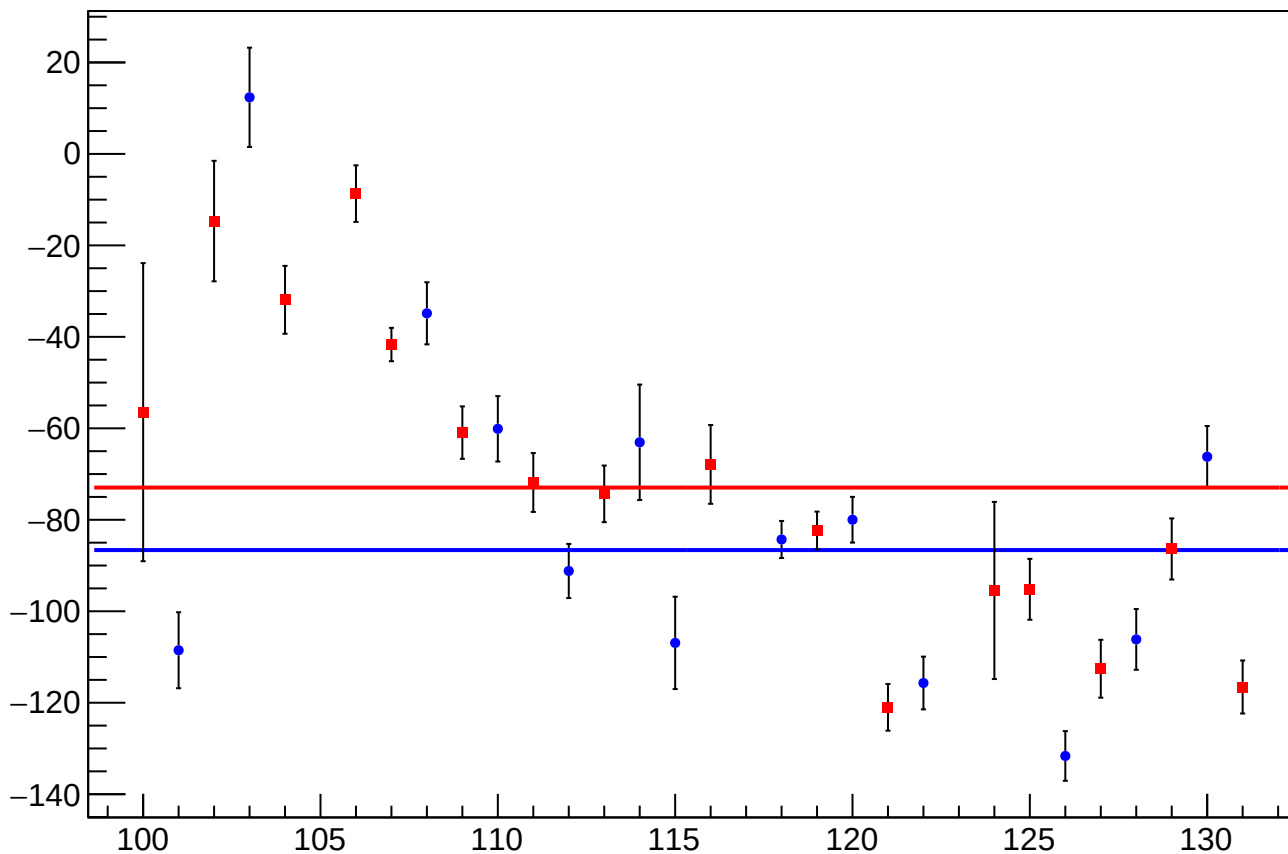
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -259.980 ± 1.120 χ^2/NDF : 6014.3/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -86.621 ± 1.772 χ^2/NDF : 284.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -72.952 ± 1.543 χ^2/NDF : 442.6/15

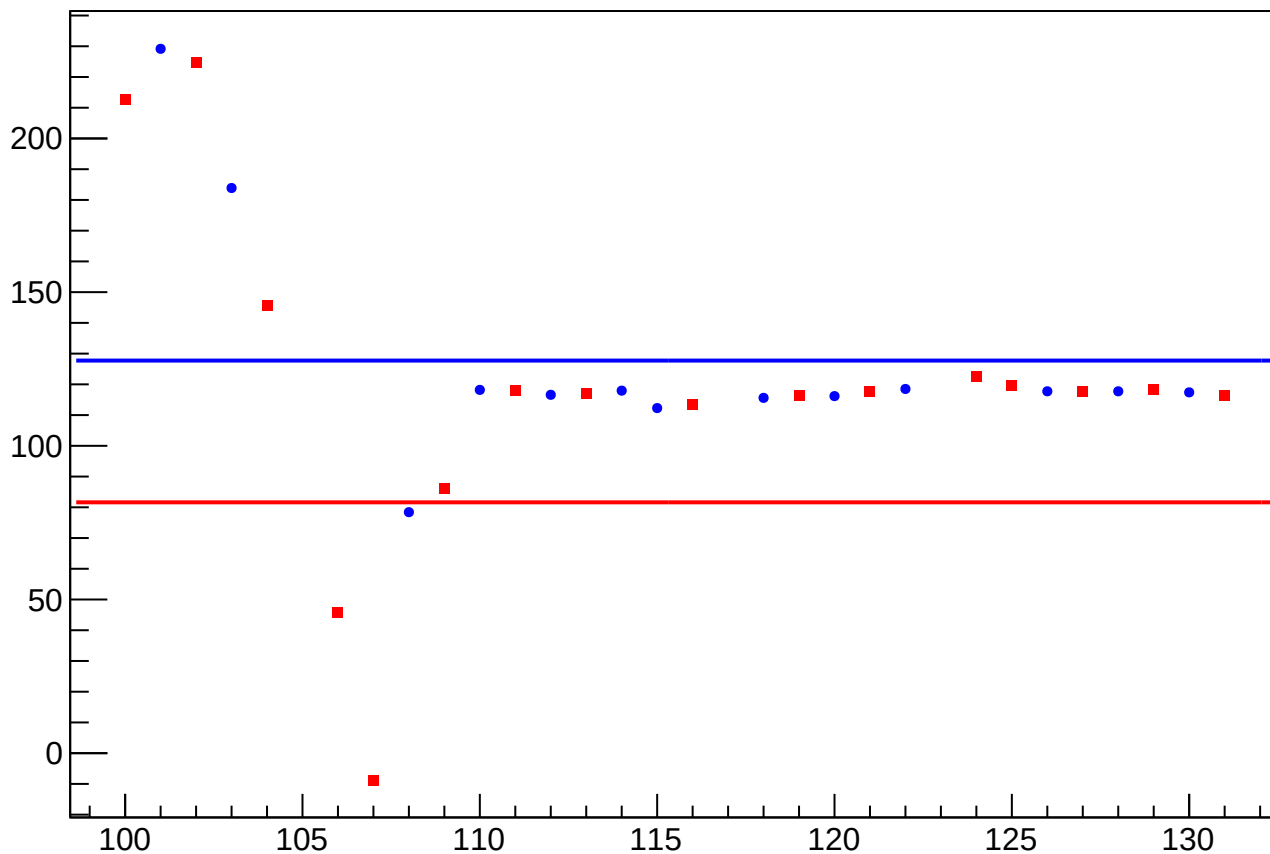
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -78.849 ± 1.164 χ^2/NDF : 760.7/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.736+/-0.113 χ^2/NDF : 159799.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.616+/-0.090 χ^2/NDF : 542488.4/15

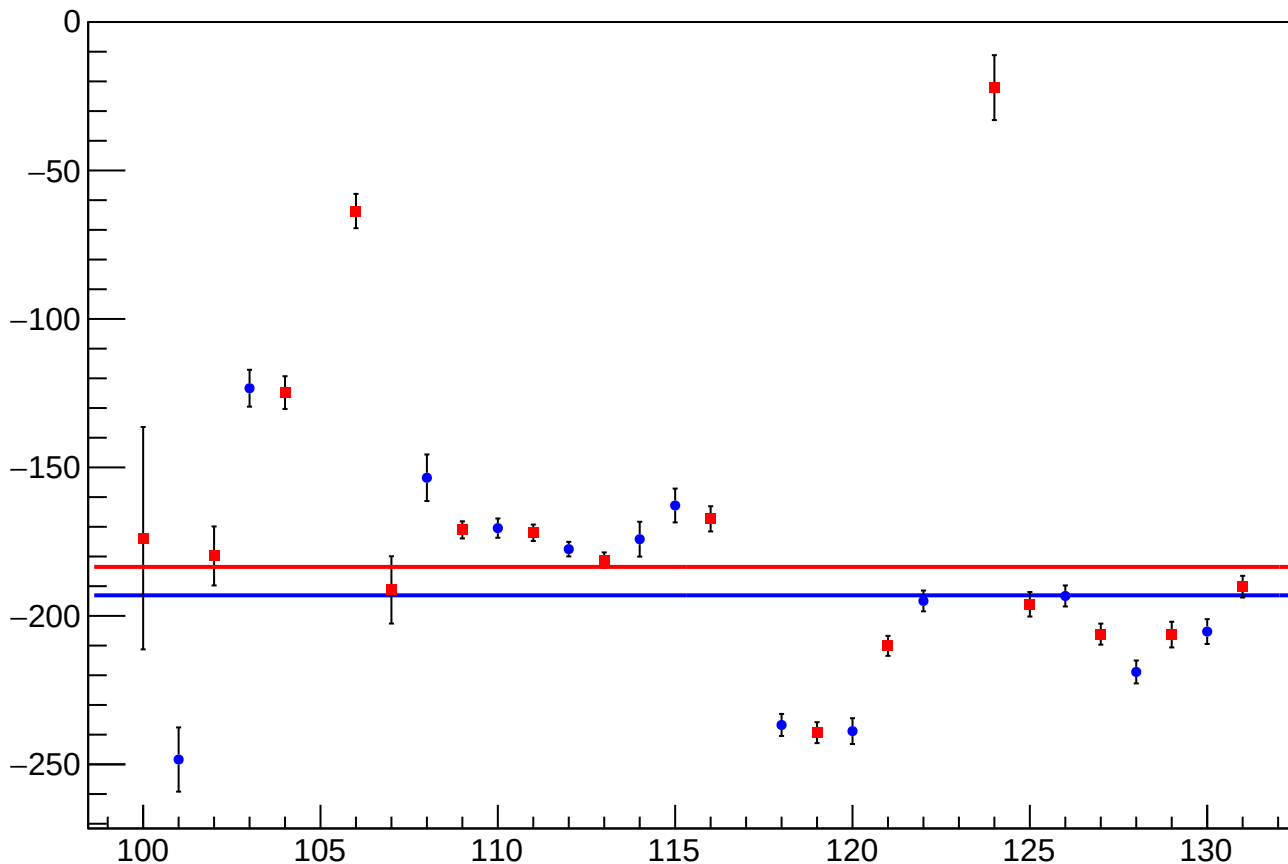
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.471+/-0.070 χ^2/NDF : 804872.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



Right In: -193.079 ± 1.130 χ^2/NDF : 607.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -183.504 ± 1.012 χ^2/NDF : 1207.6/15

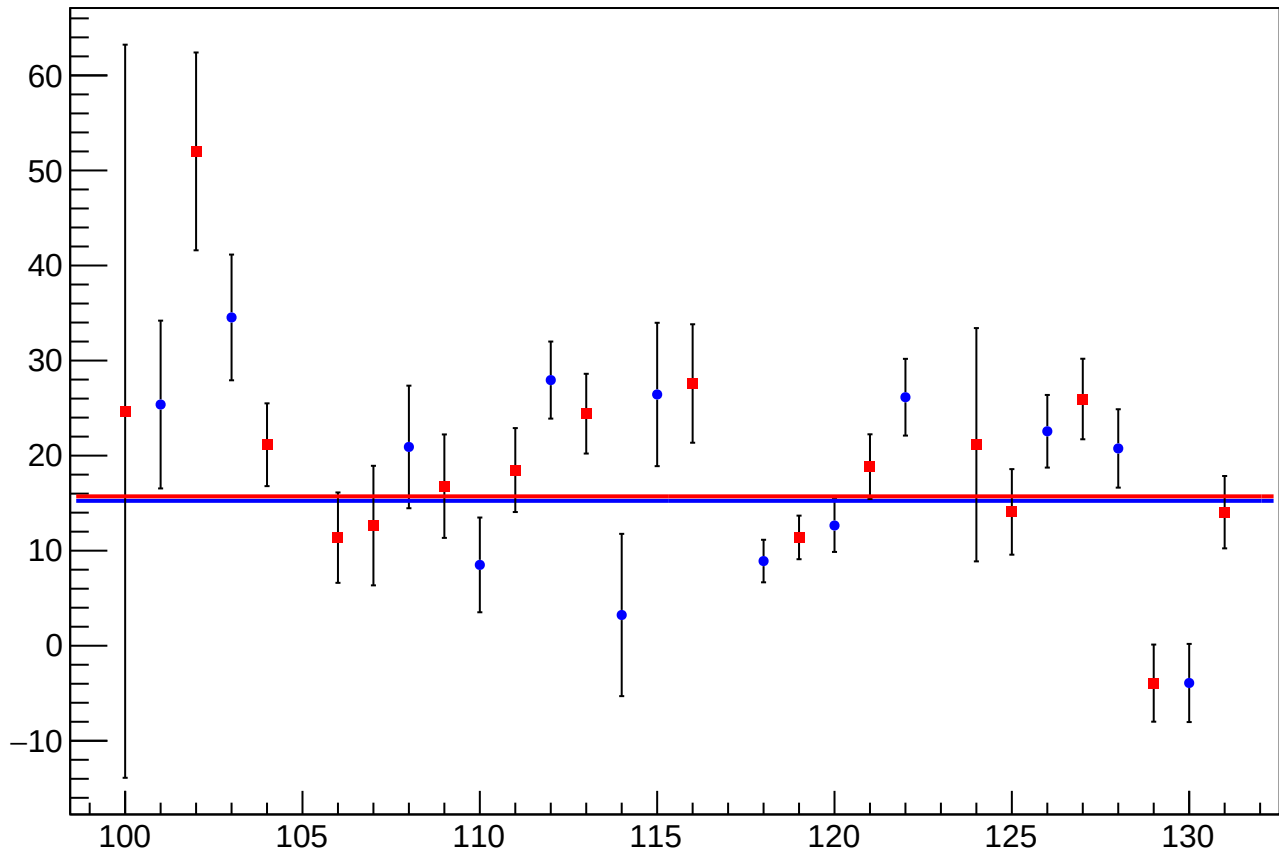
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -187.765 ± 0.754 χ^2/NDF : 1855.2/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 15.243+/-1.140 χ^2 /NDF: 69.8/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 15.715+/-1.106 χ^2 /NDF: 57.4/15

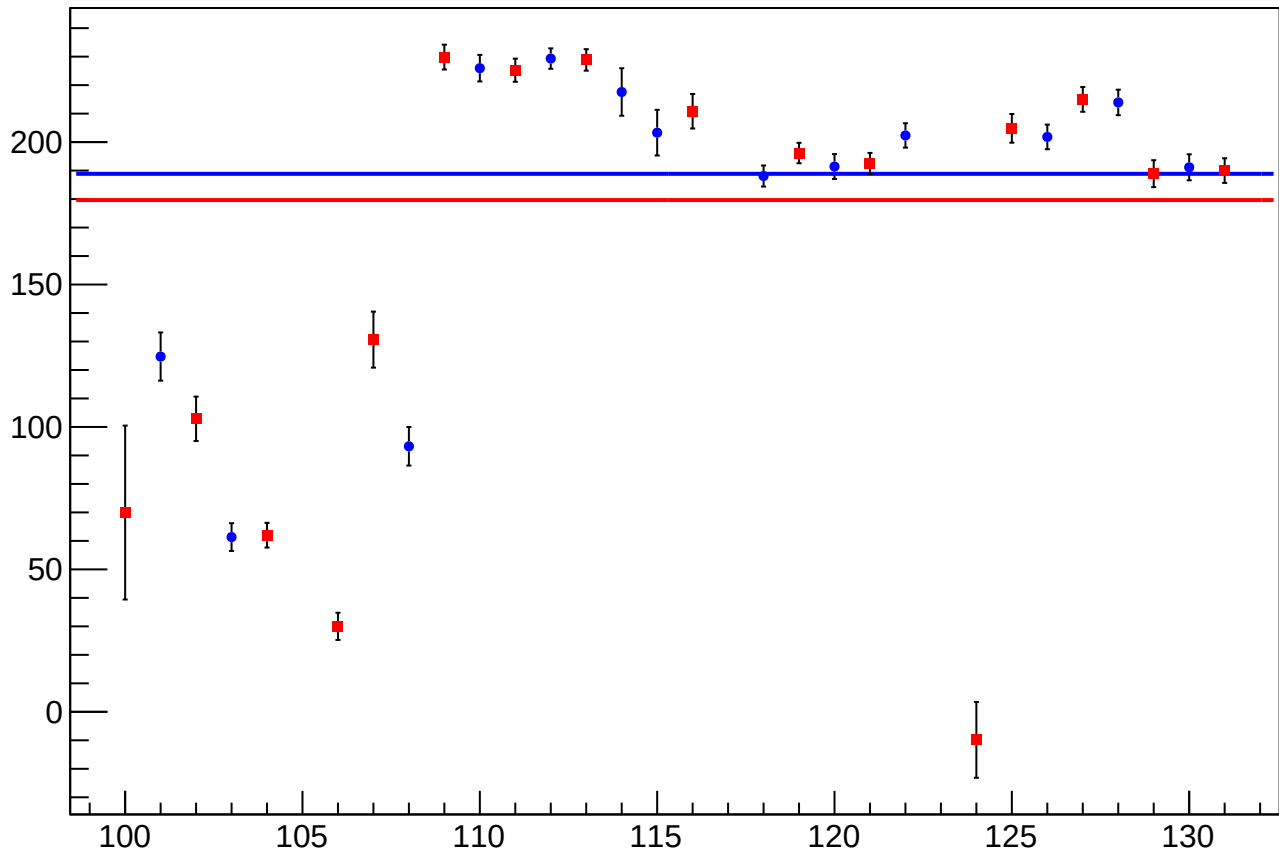
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 15.486+/-0.794 χ^2 /NDF: 127.3/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 188.864+/-1.332 χ^2/NDF : 1198.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.653+/-1.211 χ^2/NDF : 2643.6/15

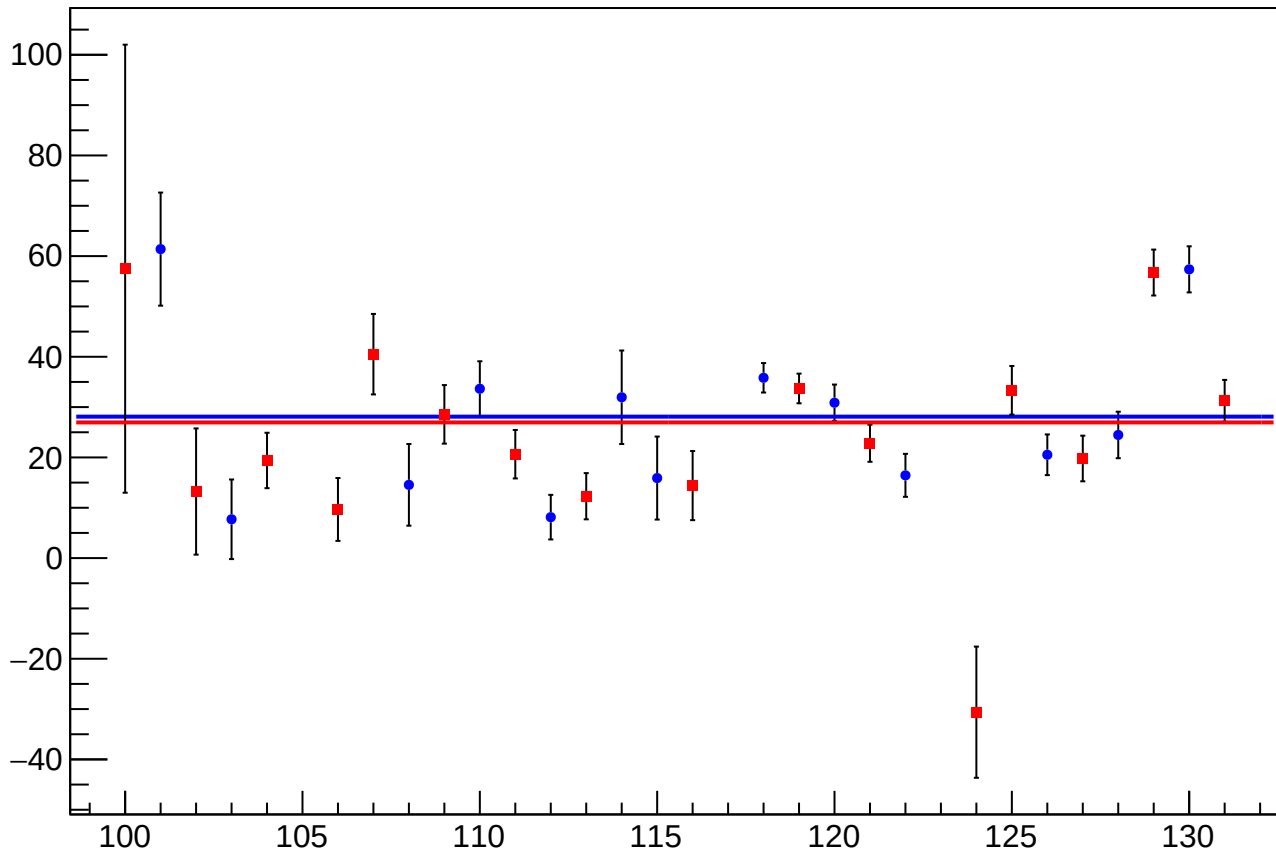
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.820+/-0.896 χ^2/NDF : 3868.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 28.103 $\pm$ 1.343 χ^2 /NDF: 101.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 26.956 $\pm$ 1.275 χ^2 /NDF: 103.4/15

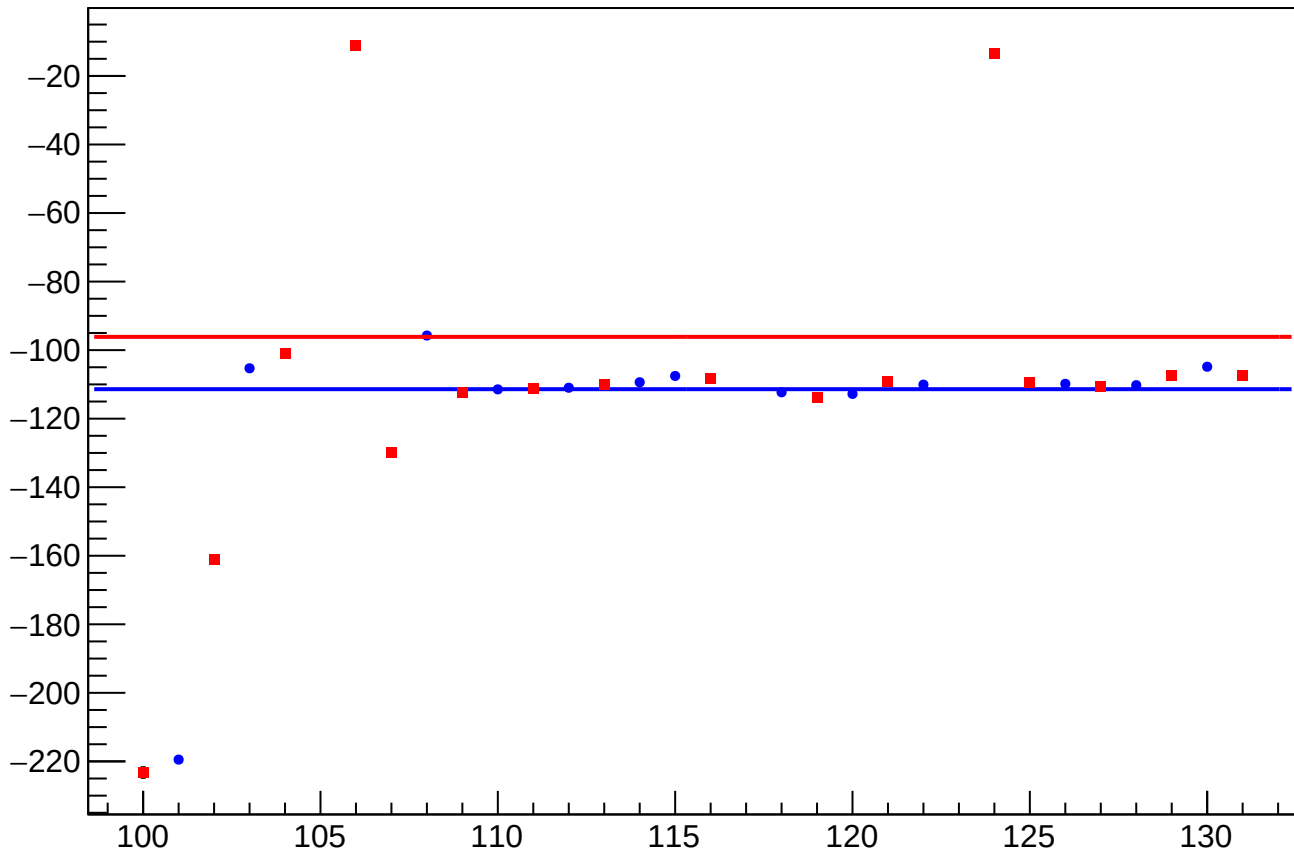
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.500 $\pm$ 0.925 χ^2 /NDF: 205.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -111.397+/-0.092 χ^2/NDF : 50760.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -96.123+/-0.081 χ^2/NDF : 258441.2/15

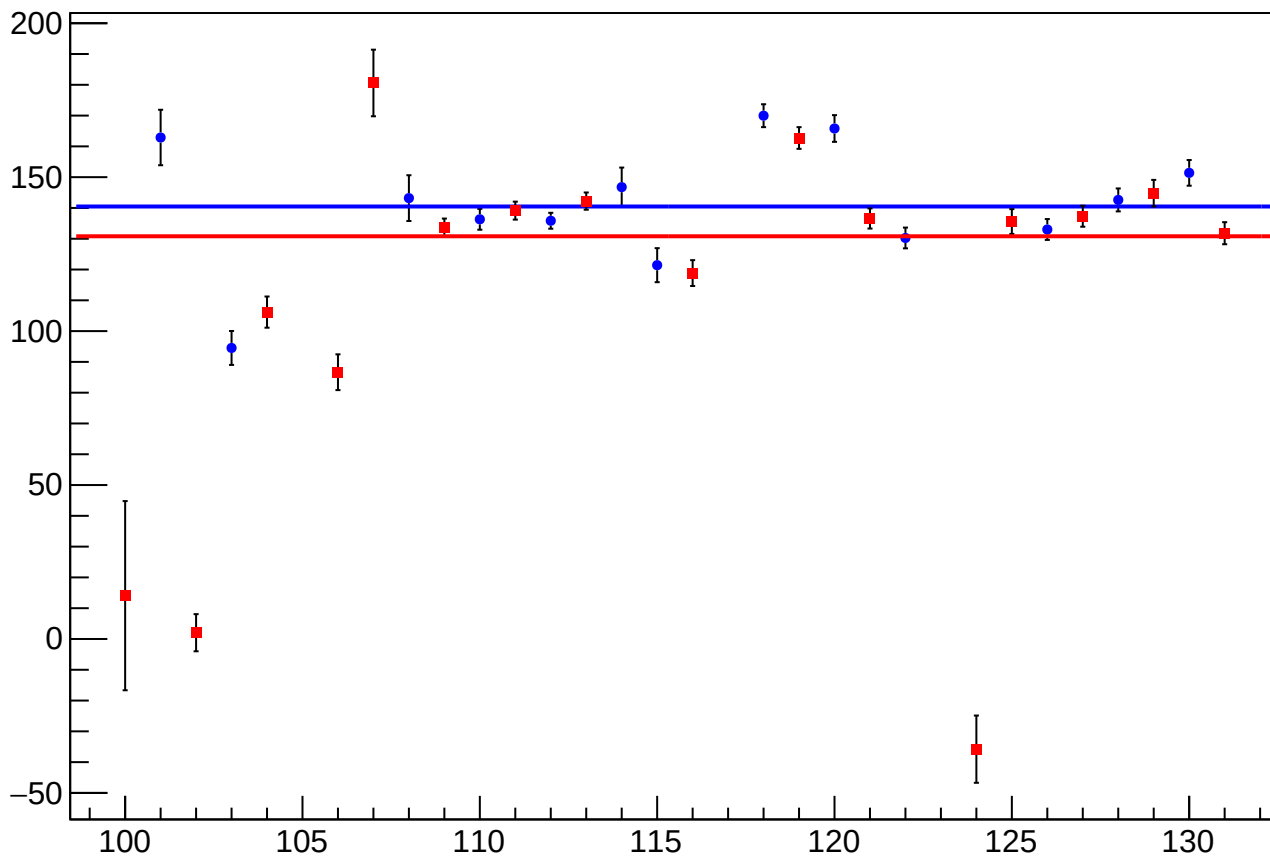
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -102.794+/-0.061 χ^2/NDF : 324785.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



Right In: 140.474+/-1.127 χ^2/NDF : 211.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.801+/-1.005 χ^2/NDF : 940.1/15

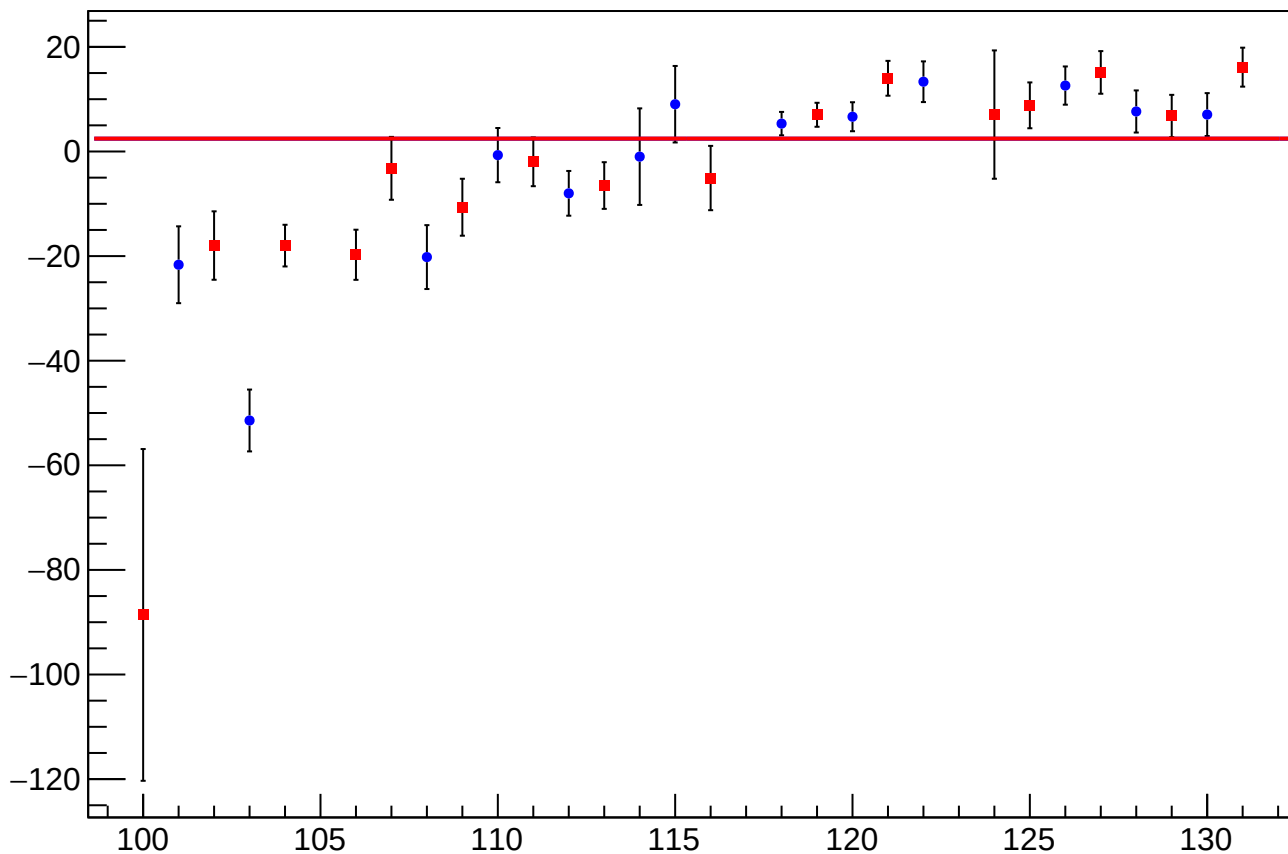
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.087+/-0.750 χ^2/NDF : 1192.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 2.444+/-1.127 χ^2/NDF : 137.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.466+/-1.086 χ^2/NDF : 121.4/15

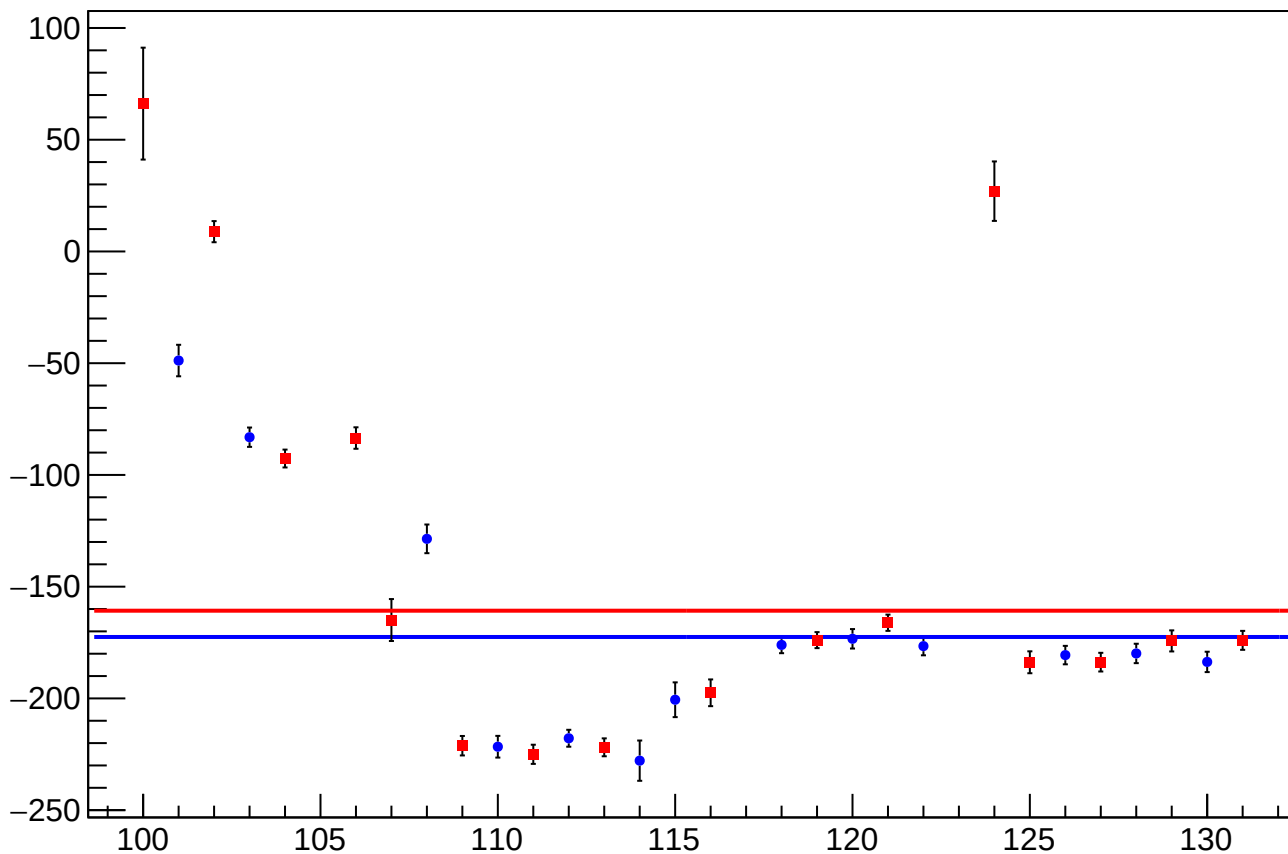
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.455+/-0.782 χ^2/NDF : 258.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -172.512 ± 1.309 χ^2/NDF : 1093.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -160.751 ± 1.179 χ^2/NDF : 2889.9/15

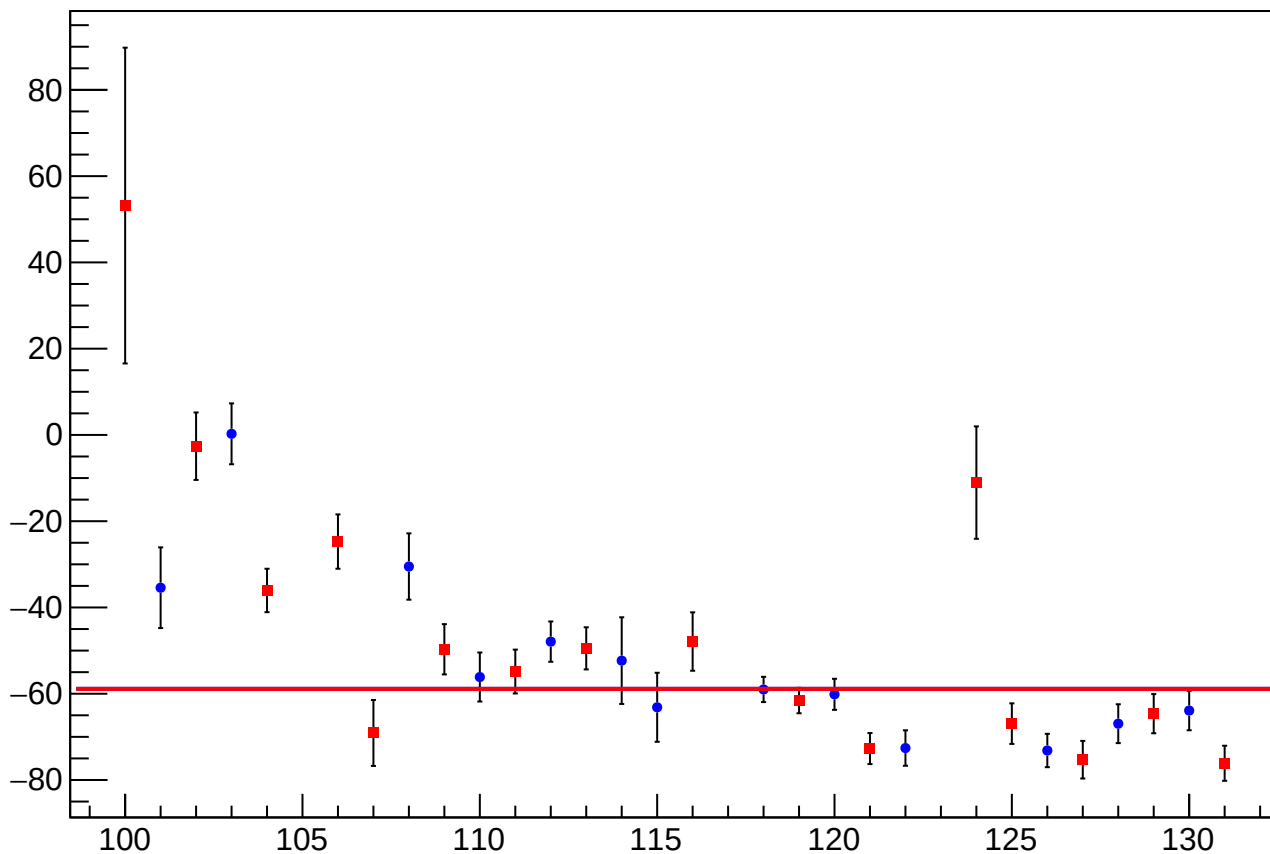
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -166.017 ± 0.876 χ^2/NDF : 4027.7/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -58.870 ± 1.327 χ^2/NDF : 125.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -58.872 ± 1.254 χ^2/NDF : 188.1/15

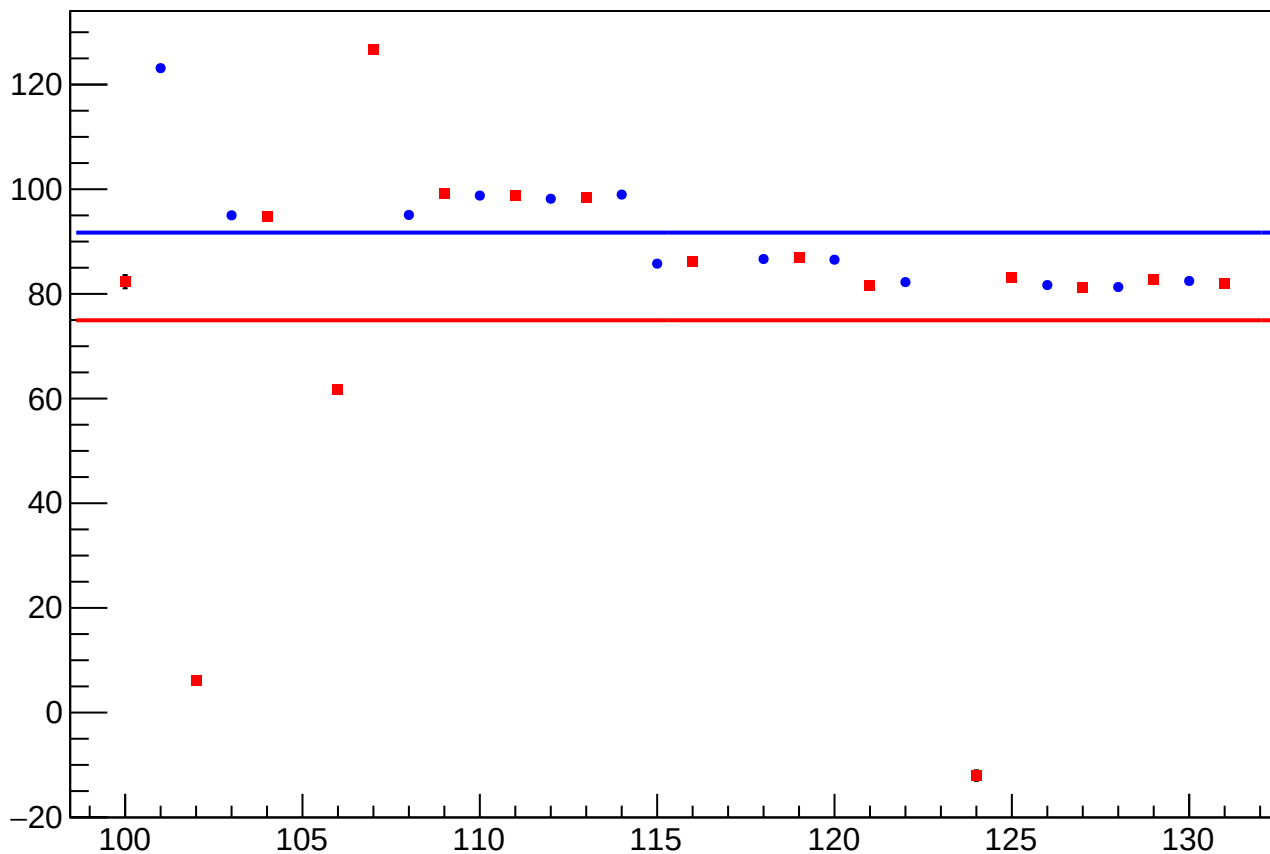
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -58.871 ± 0.912 χ^2/NDF : 314.0/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 91.710 ± 0.088 $\chi^2/\text{NDF}: 11021.4/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 74.958 ± 0.076 $\chi^2/\text{NDF}: 177968.5/15$

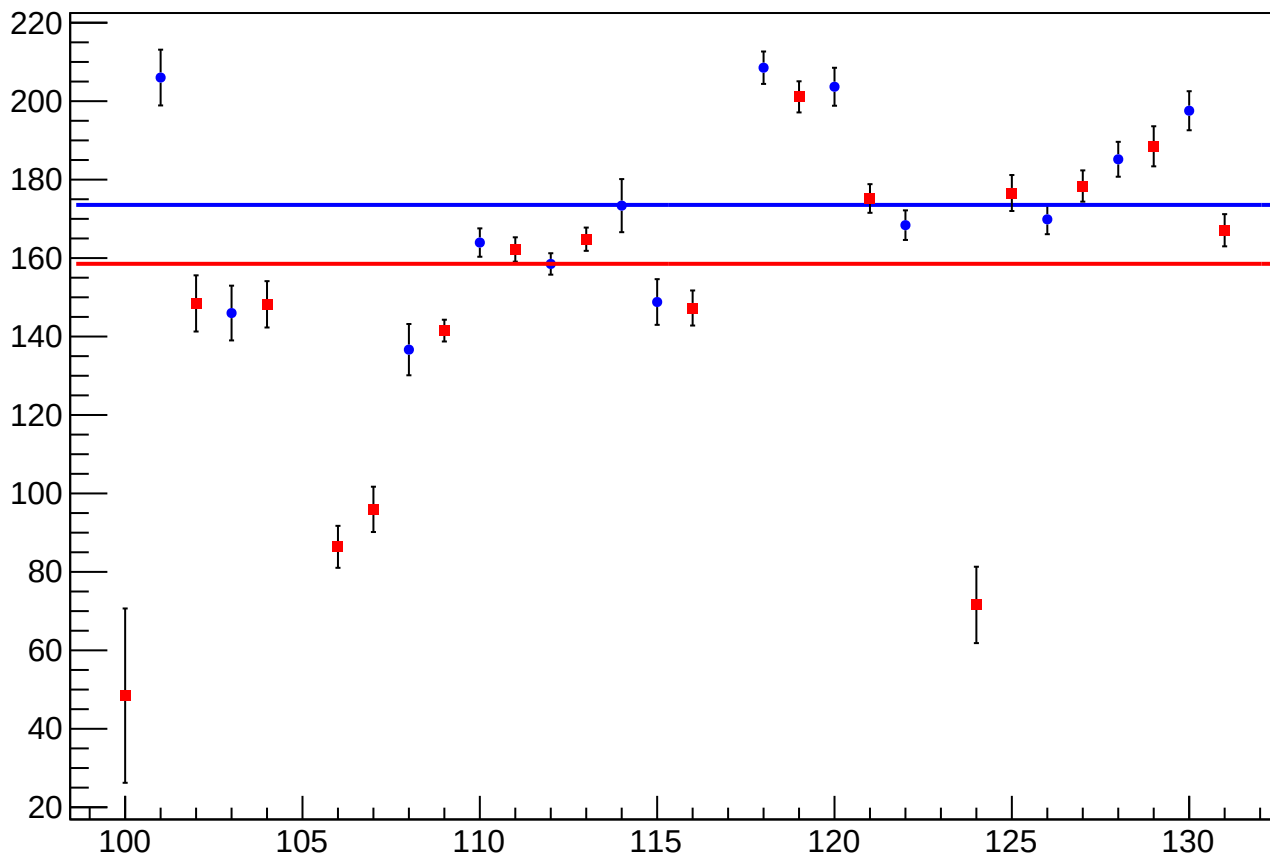
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 82.092 ± 0.058 $\chi^2/\text{NDF}: 209682.5/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 173.556 $\pm$ 1.233 χ^2 /NDF: 267.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 158.538 $\pm$ 1.072 χ^2 /NDF: 673.4/15

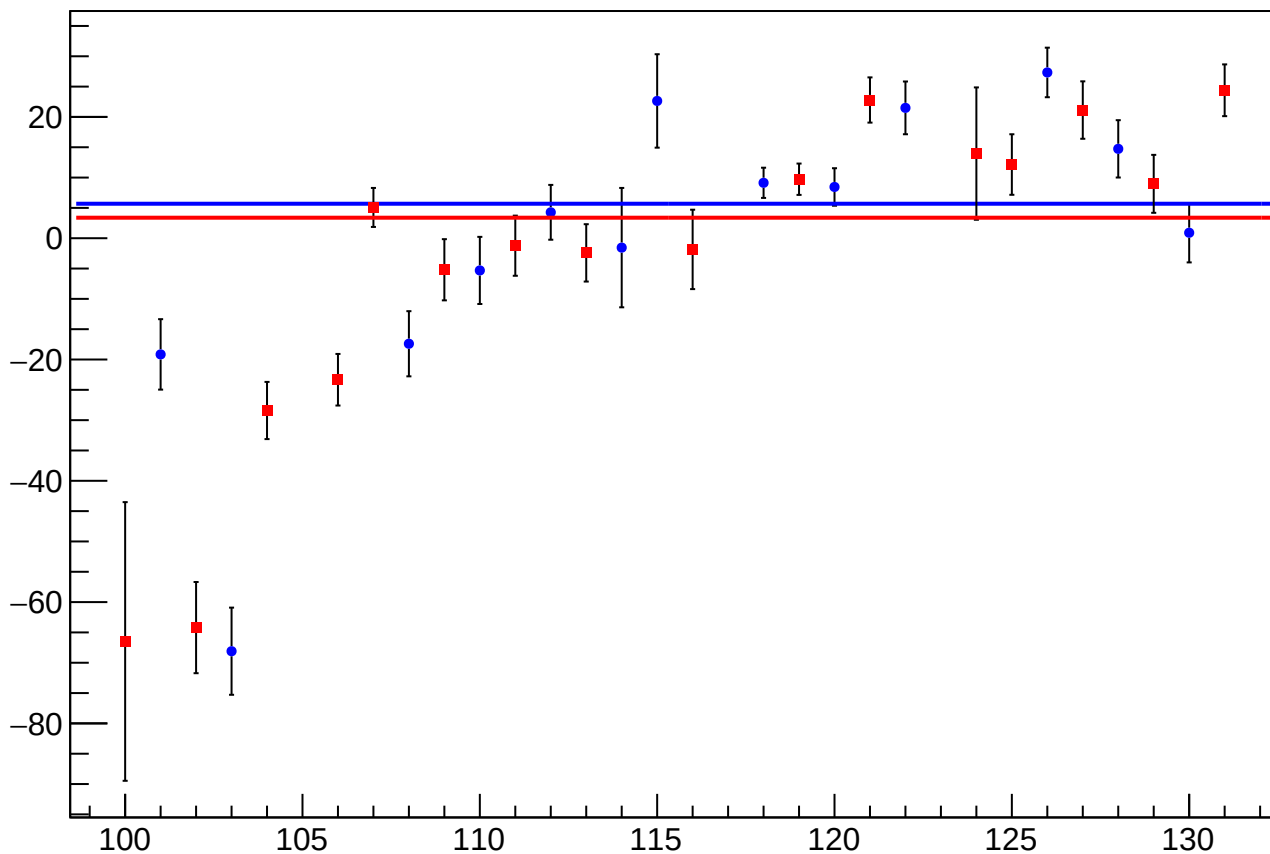
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 165.003 $\pm$ 0.809 χ^2 /NDF: 1025.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 5.686+/-1.233 χ^2/NDF : 200.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.383+/-1.134 χ^2/NDF : 258.0/15

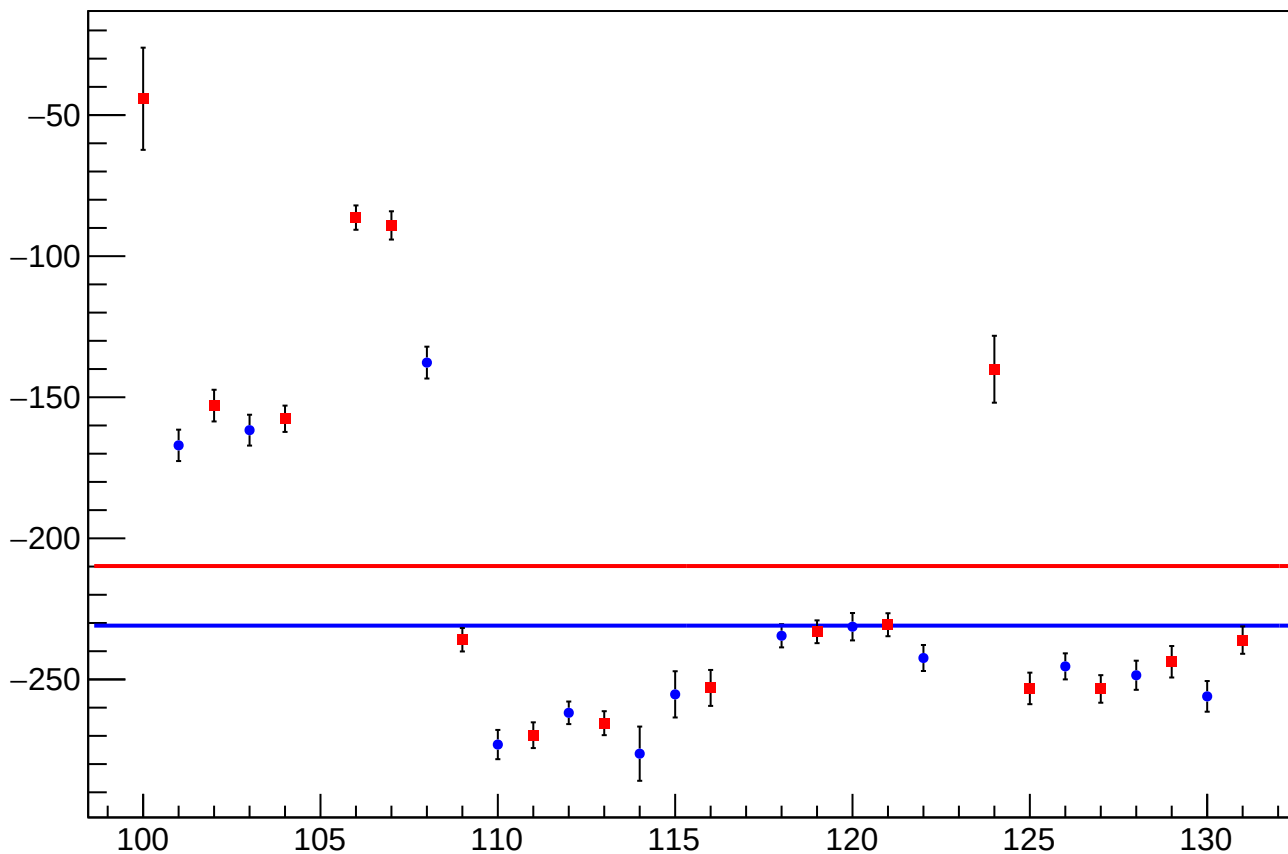
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.438+/-0.835 χ^2/NDF : 460.1/28

- 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: -230.933+/-1.429 χ^2/NDF : 771.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -209.814+/-1.252 χ^2/NDF : 2441.0/15

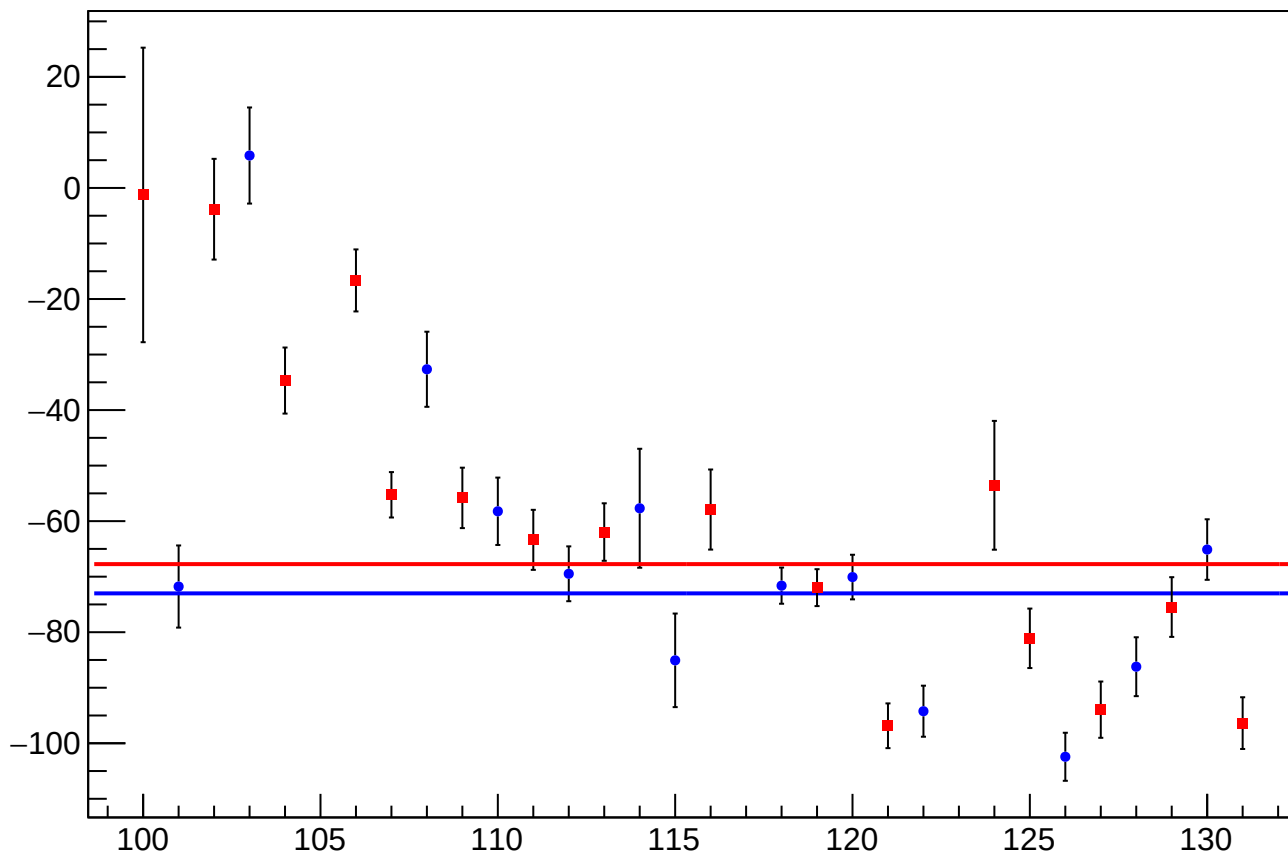
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -218.985+/-0.942 χ^2/NDF : 3336.1/28

- 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: -73.008+/-1.458 χ^2/NDF : 205.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -67.739+/-1.322 χ^2/NDF : 316.6/15

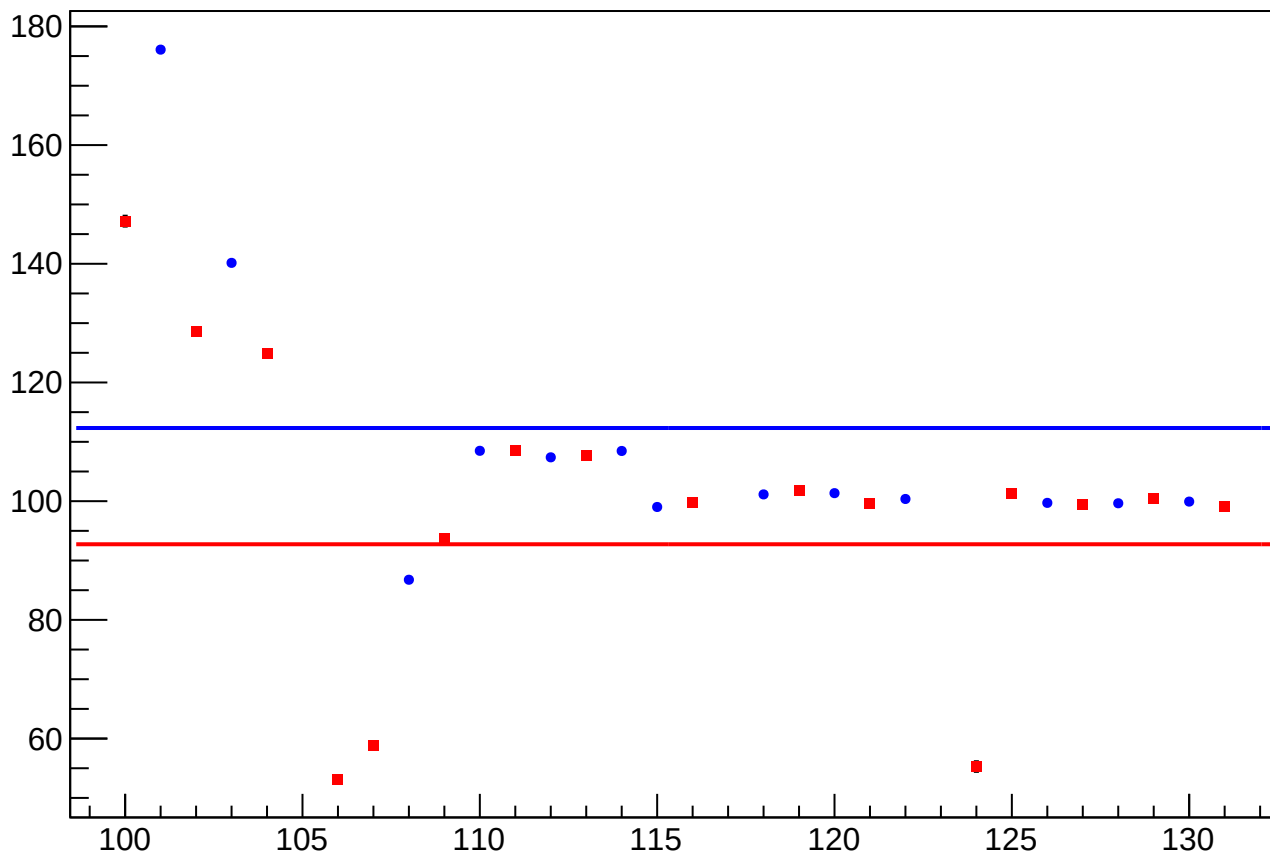
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.117+/-0.979 χ^2/NDF : 529.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 112.329+/-0.096 χ^2/NDF : 70568.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.741+/-0.078 χ^2/NDF : 123380.3/15

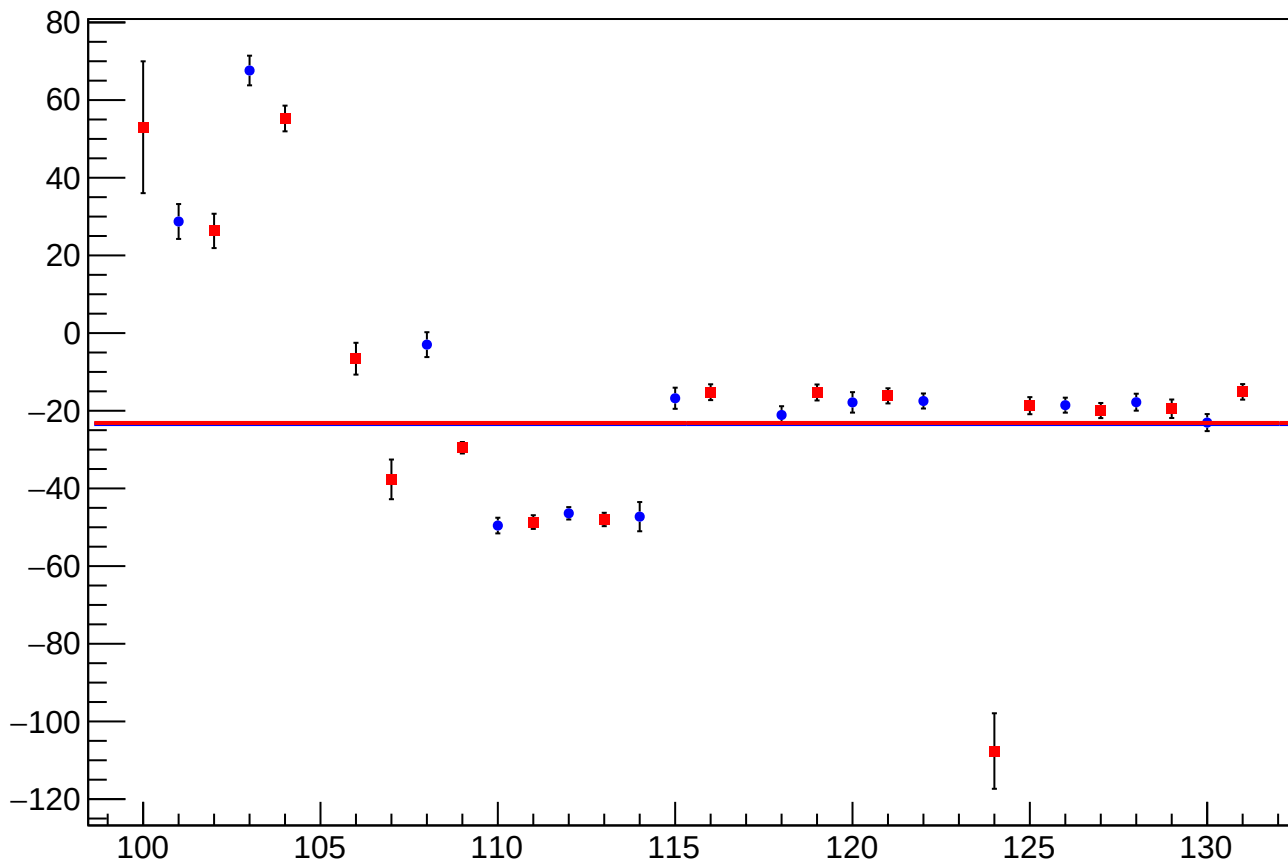
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.577+/-0.060 χ^2/NDF : 219113.6/28

- 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: -23.426 $\pm$ 0.652 χ^2 /NDF: 1192.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -23.140 $\pm$ 0.577 χ^2 /NDF: 1310.2/15

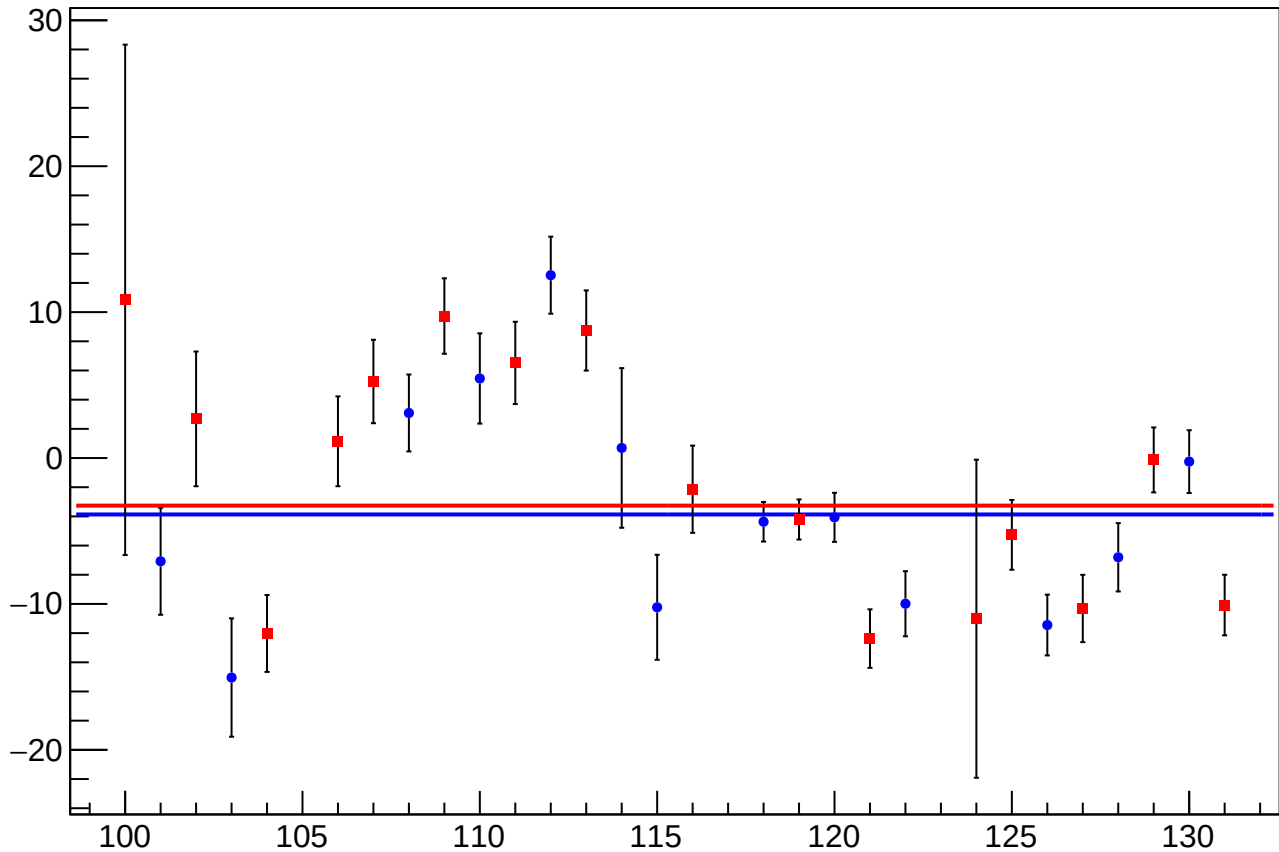
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -23.265 $\pm$ 0.432 χ^2 /NDF: 2503.2/28

- 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: -3.868 ± 0.650 $\chi^2/\text{NDF}: 92.1/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -3.262 ± 0.629 $\chi^2/\text{NDF}: 125.2/15$

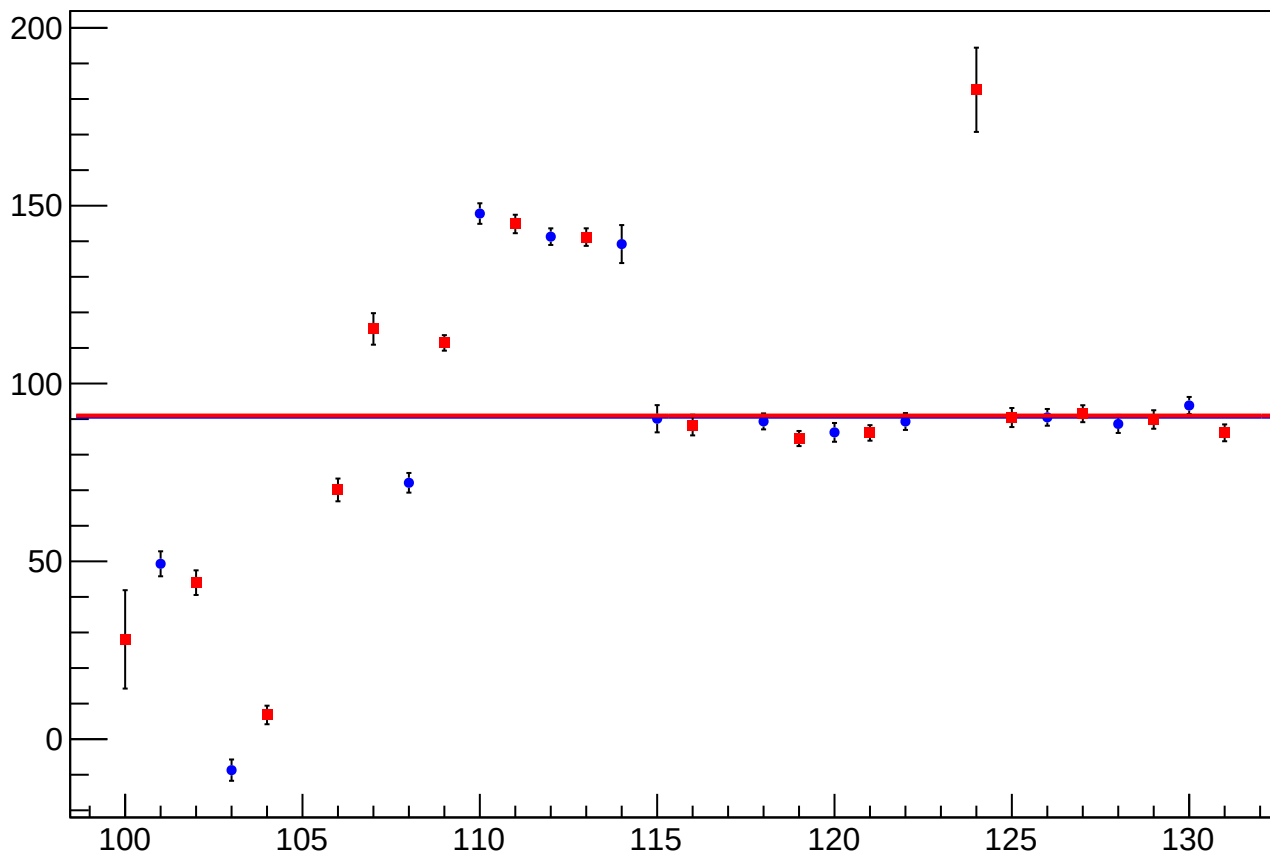
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -3.555 ± 0.452 $\chi^2/\text{NDF}: 217.8/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 90.672+/-0.754 χ^2/NDF : 2231.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.995+/-0.689 χ^2/NDF : 2329.7/15

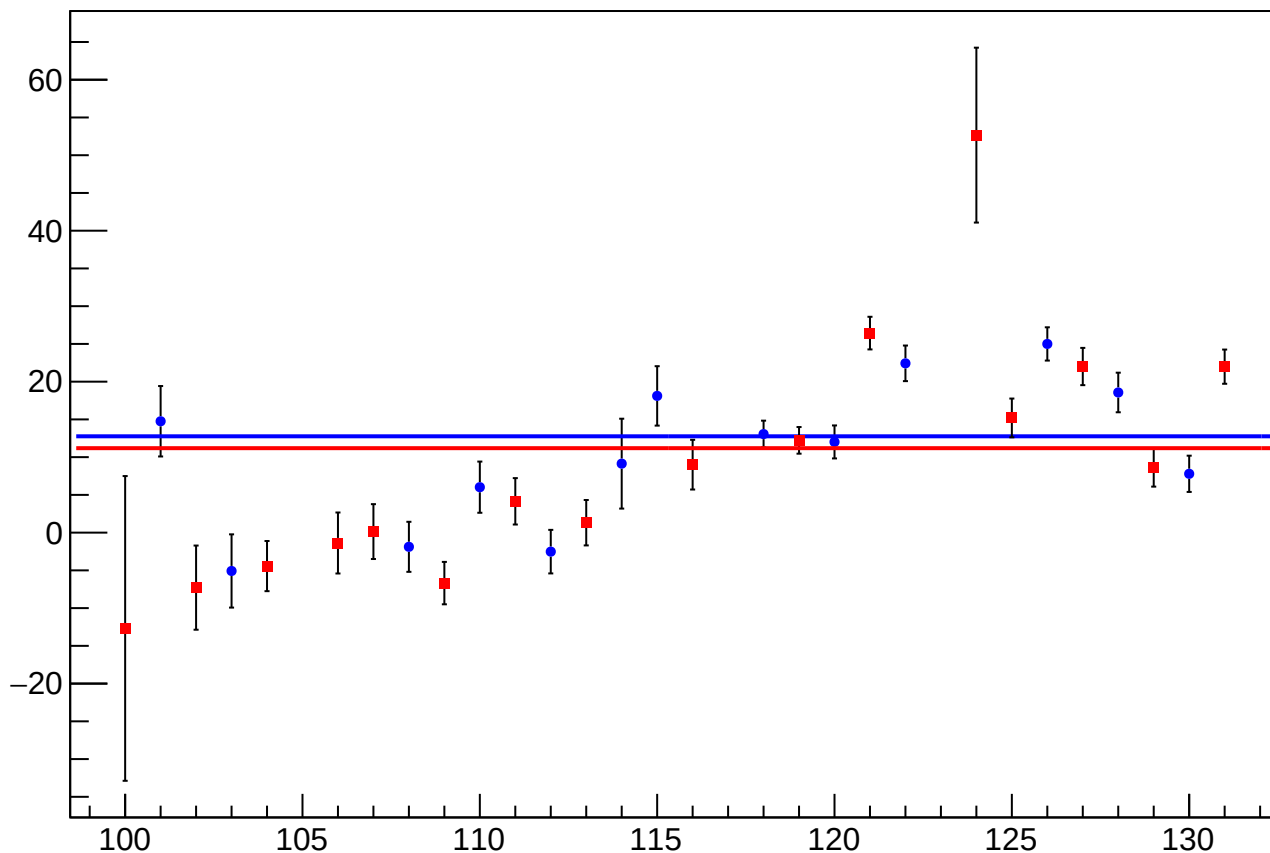
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.848+/-0.509 χ^2/NDF : 4561.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 12.761 $\pm$ 0.765 χ^2 /NDF: 124.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.189 $\pm$ 0.724 χ^2 /NDF: 218.7/15

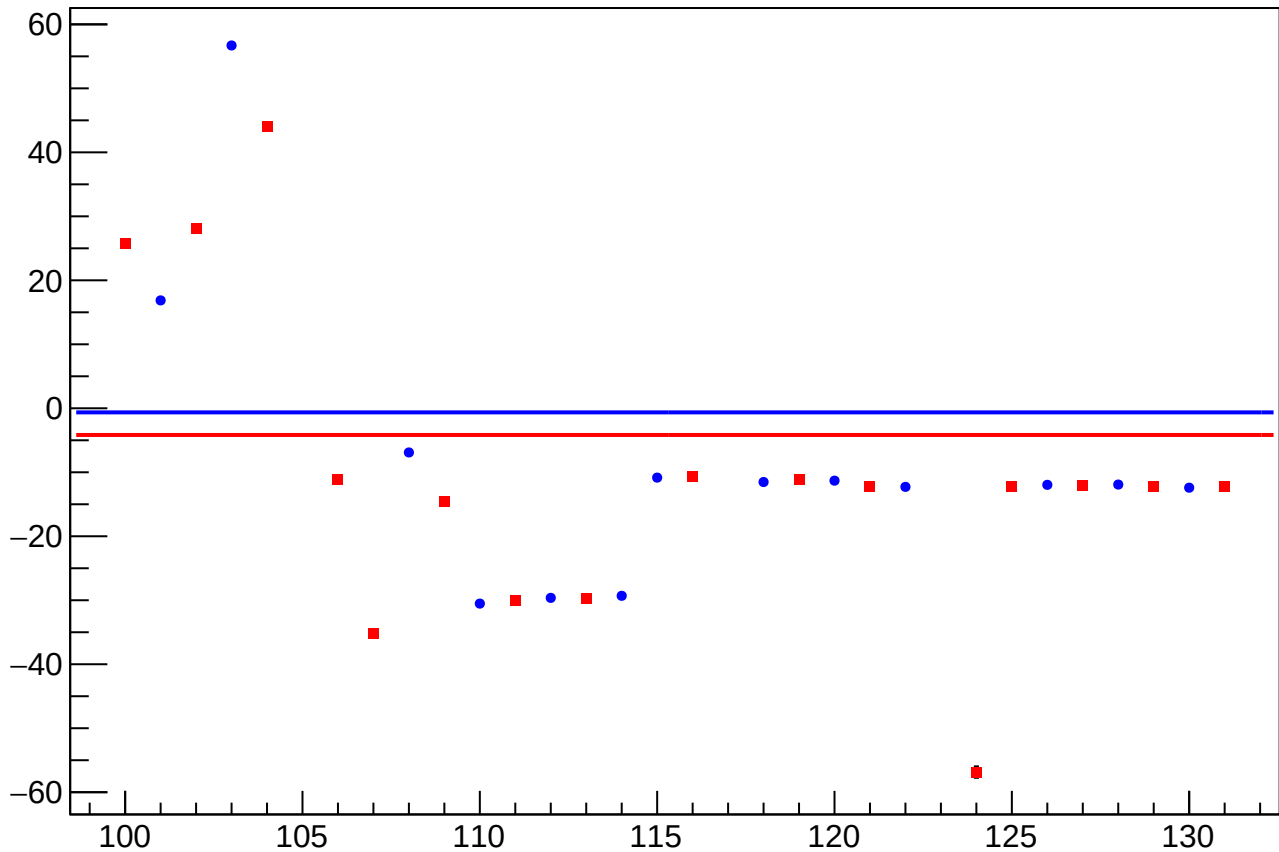
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.932 $\pm$ 0.526 χ^2 /NDF: 345.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: -0.640+/-0.050 χ^2/NDF : 285545.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.171+/-0.047 χ^2/NDF : 279230.3/15

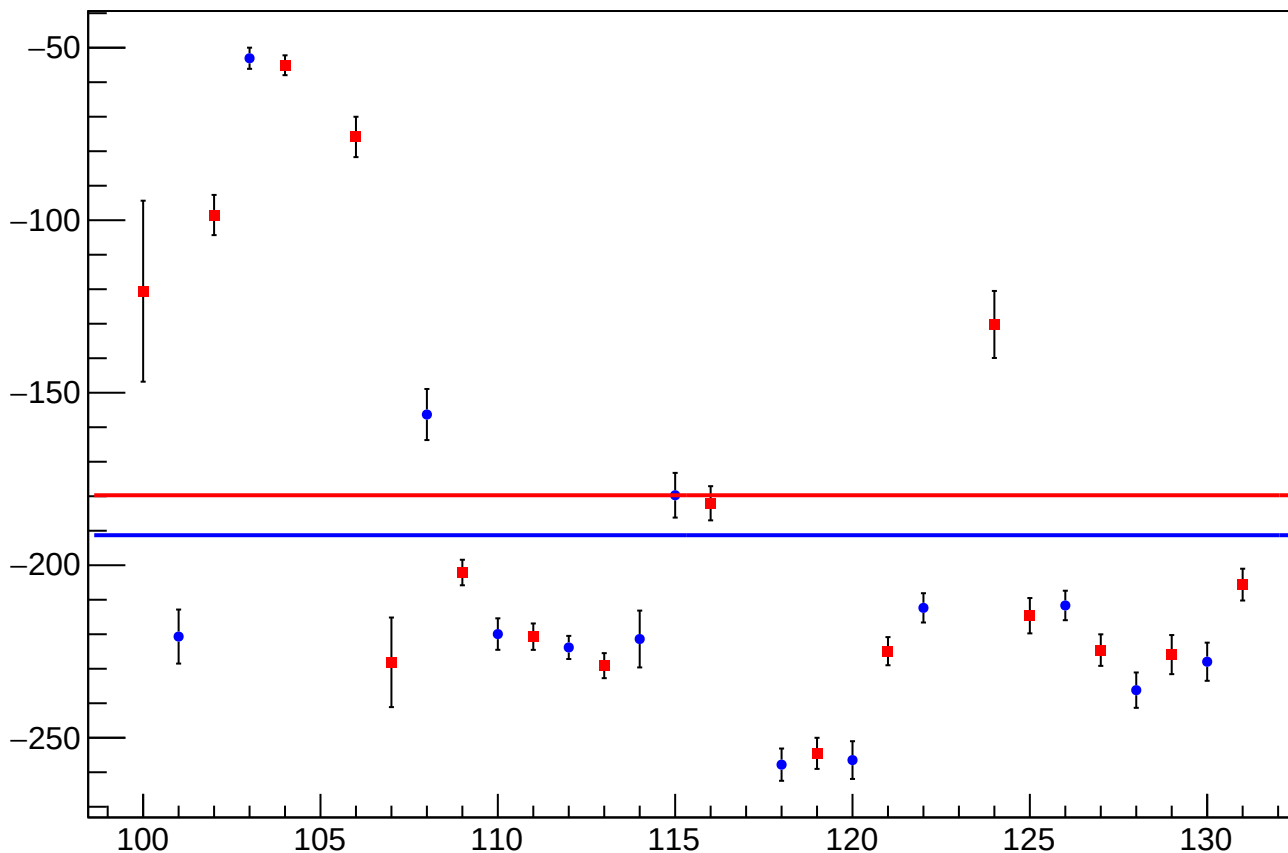
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.545+/-0.034 χ^2/NDF : 567429.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -191.297+/-1.317 χ^2 /NDF: 2730.3/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -179.716+/-1.171 χ^2 /NDF: 3409.5/15

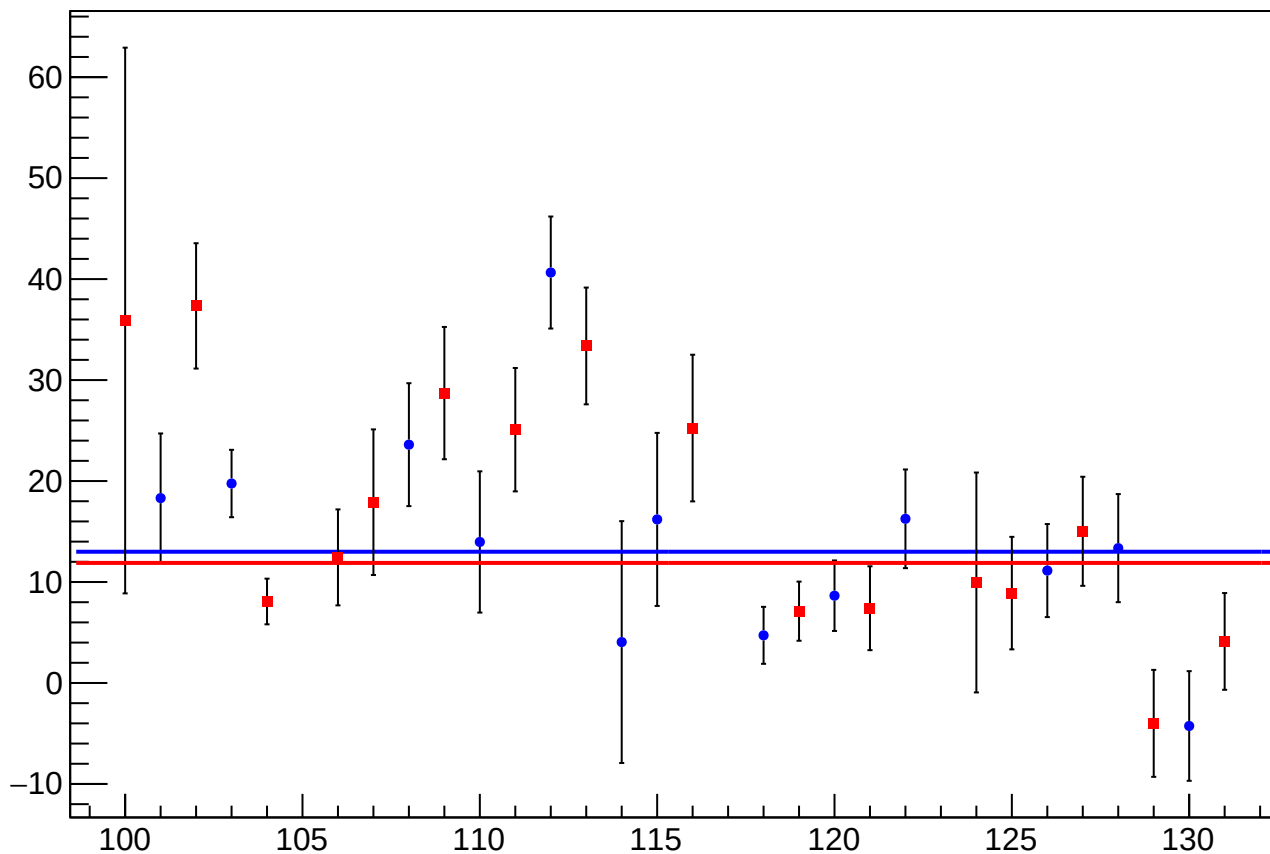
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -184.829+/-0.875 χ^2 /NDF: 6183.0/28

- 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: 13.000 $\pm$ 1.313 χ^2 /NDF: 54.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.890 $\pm$ 1.183 χ^2 /NDF: 65.7/15

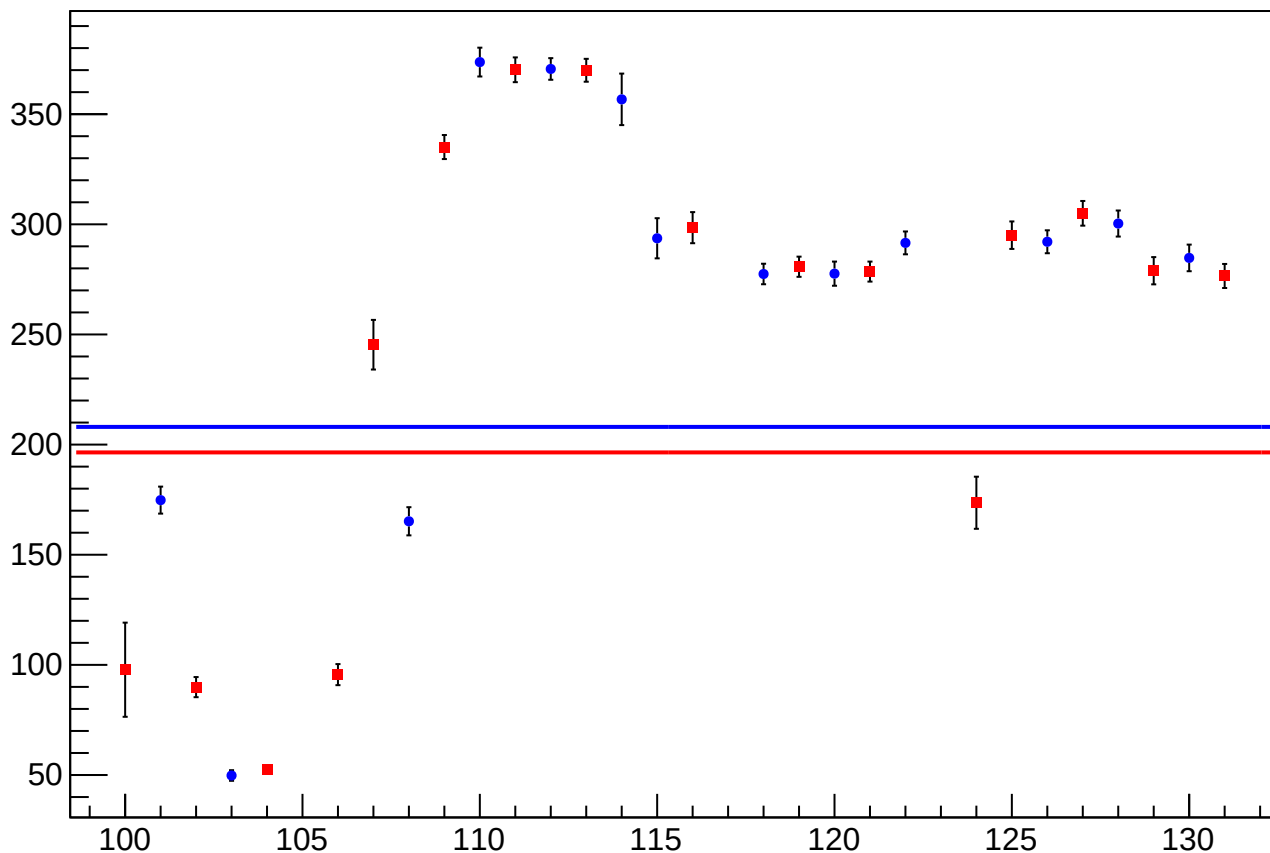
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.388 $\pm$ 0.879 χ^2 /NDF: 120.4/28

- 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: 208.033+/-1.391 χ^2/NDF : 7682.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 196.449+/-1.251 χ^2/NDF : 9663.2/15

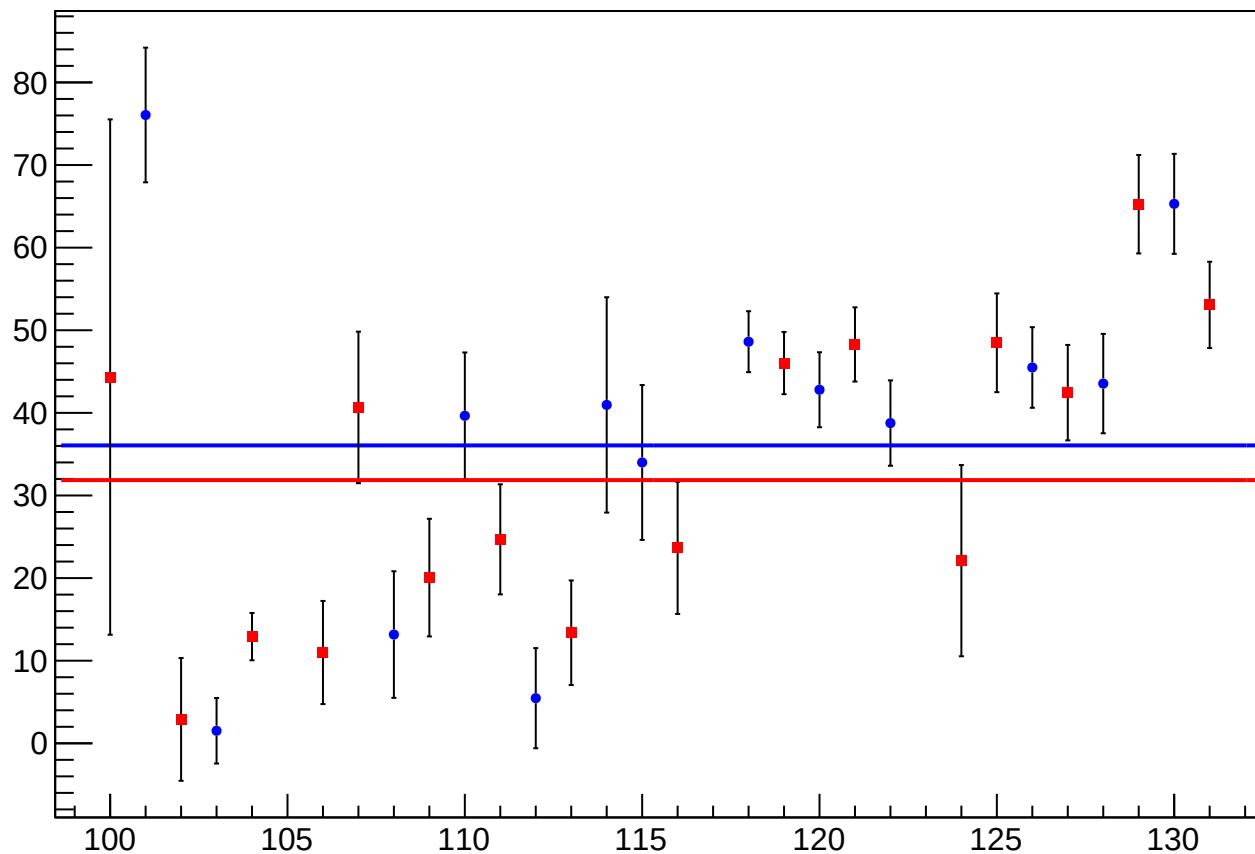
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 201.629+/-0.930 χ^2/NDF : 17383.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 36.060+/-1.555 χ^2/NDF : 177.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.861+/-1.398 χ^2/NDF : 171.9/15

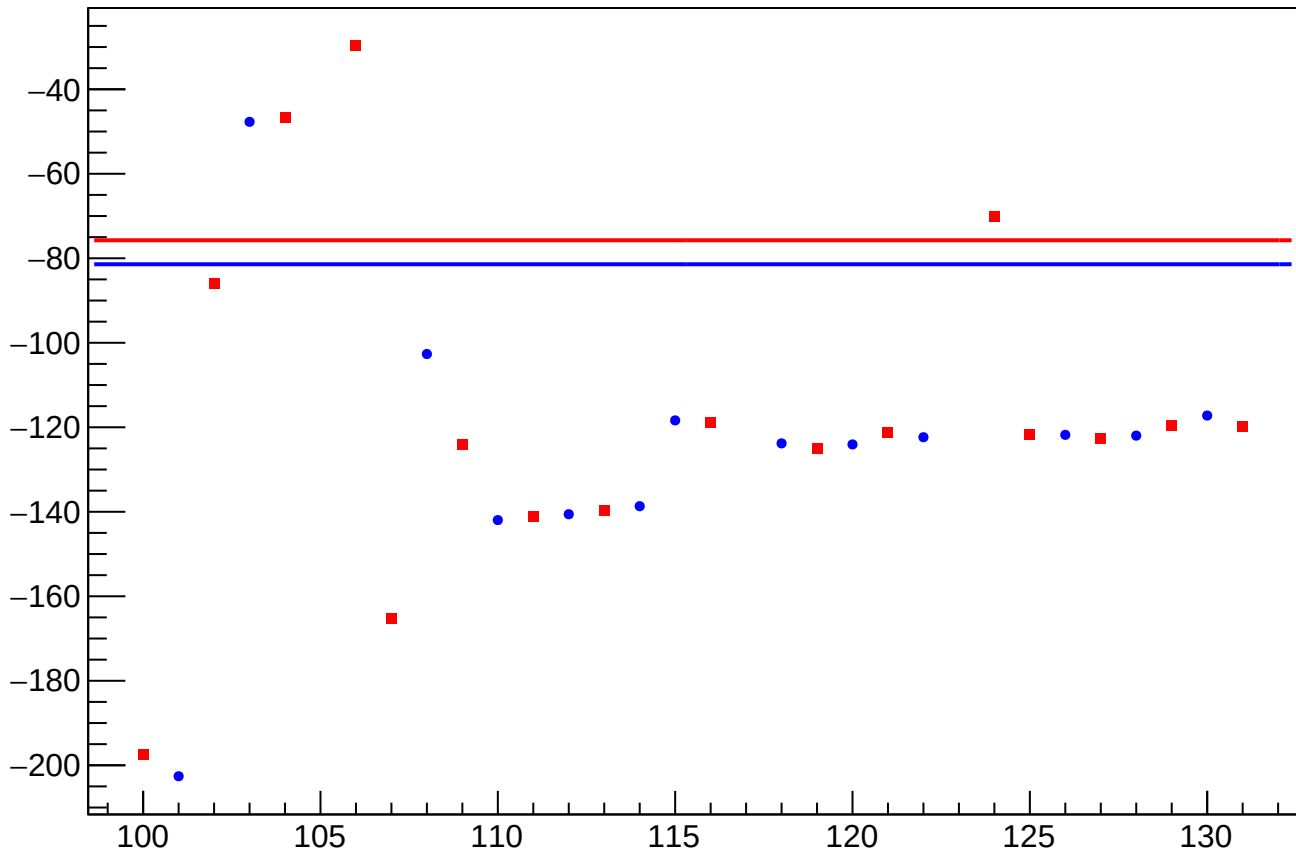
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.738+/-1.039 χ^2/NDF : 353.5/28

- 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: -81.418 $\pm$ 0.077 χ^2 /NDF: 329059.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -75.737 $\pm$ 0.071 χ^2 /NDF: 316278.8/15

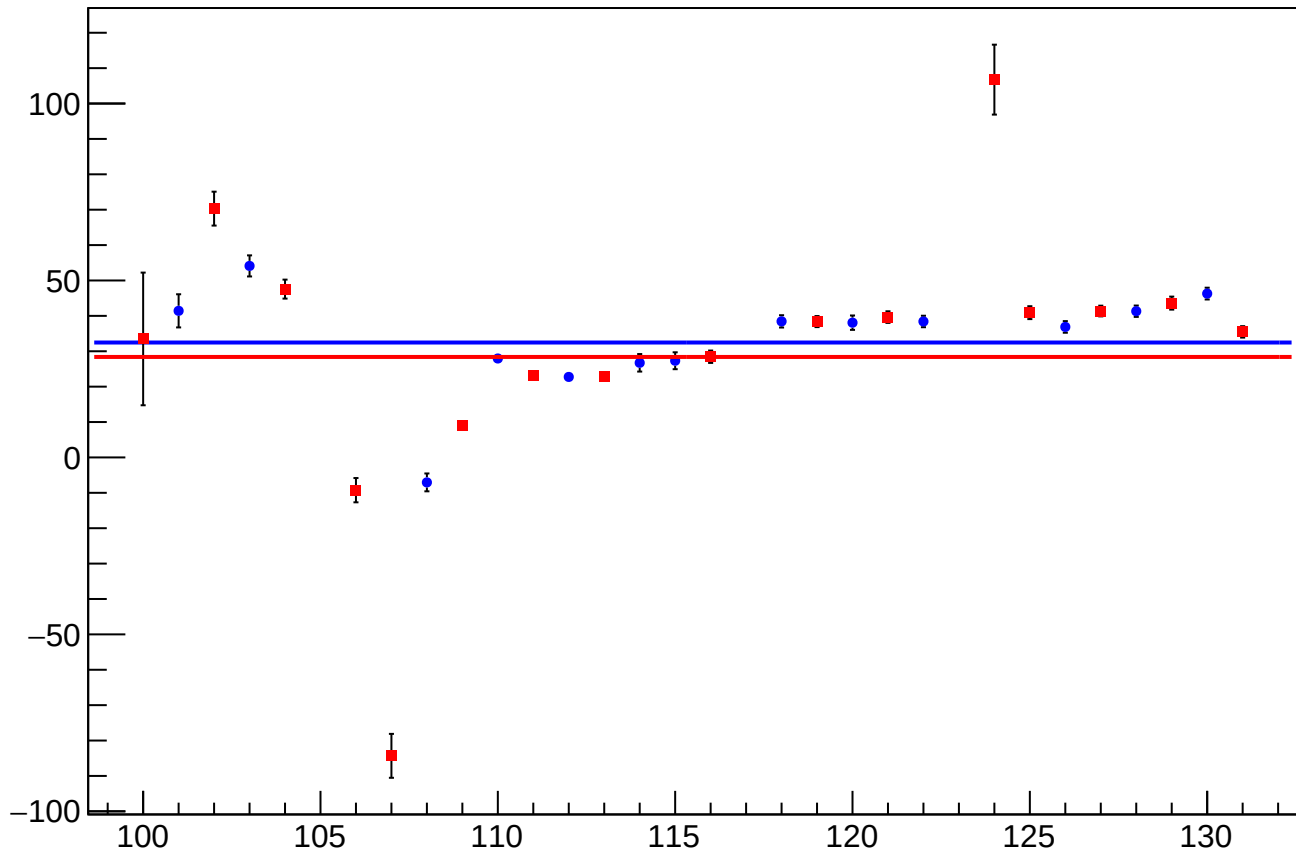
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -78.359 $\pm$ 0.052 χ^2 /NDF: 648268.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



Right In: 32.470 ± 0.493 $\chi^2/\text{NDF}: 539.7/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 28.392 ± 0.443 $\chi^2/\text{NDF}: 1301.3/15$

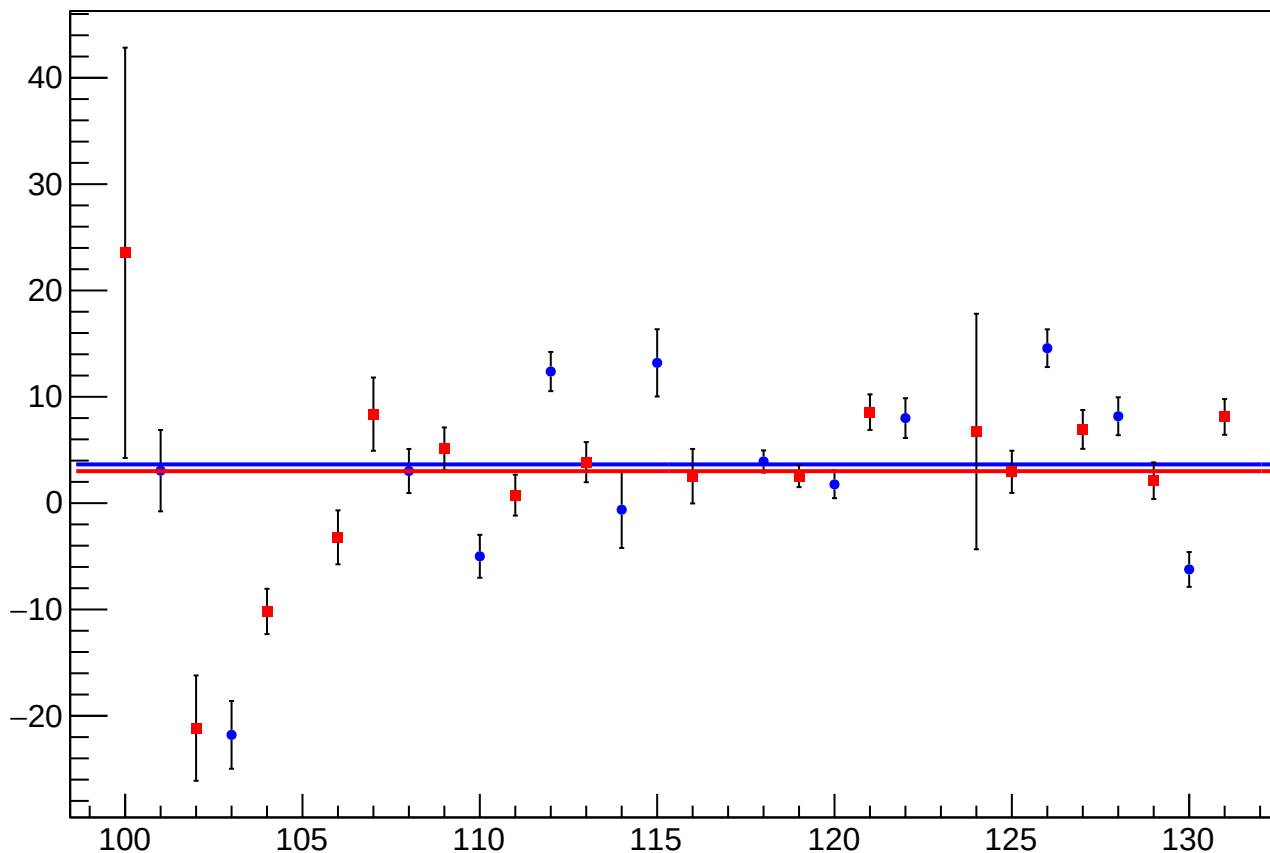
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 30.213 ± 0.330 $\chi^2/\text{NDF}: 1878.8/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 3.644 $\pm$ 0.505 χ^2 /NDF: 203.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.008 $\pm$ 0.500 χ^2 /NDF: 100.0/15

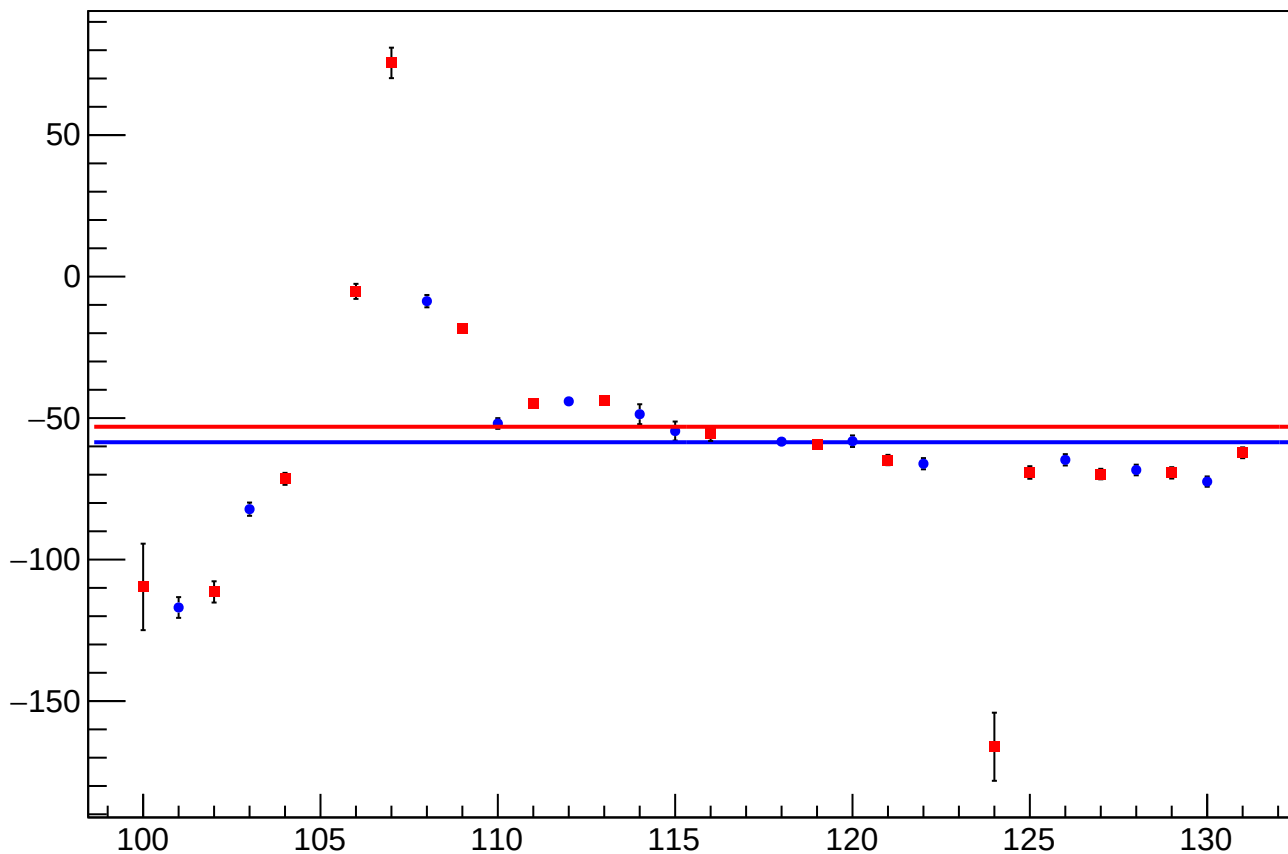
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.323 $\pm$ 0.355 χ^2 /NDF: 304.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -58.531 ± 0.581 χ^2/NDF : 1090.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -53.060 ± 0.542 χ^2/NDF : 2112.1/15

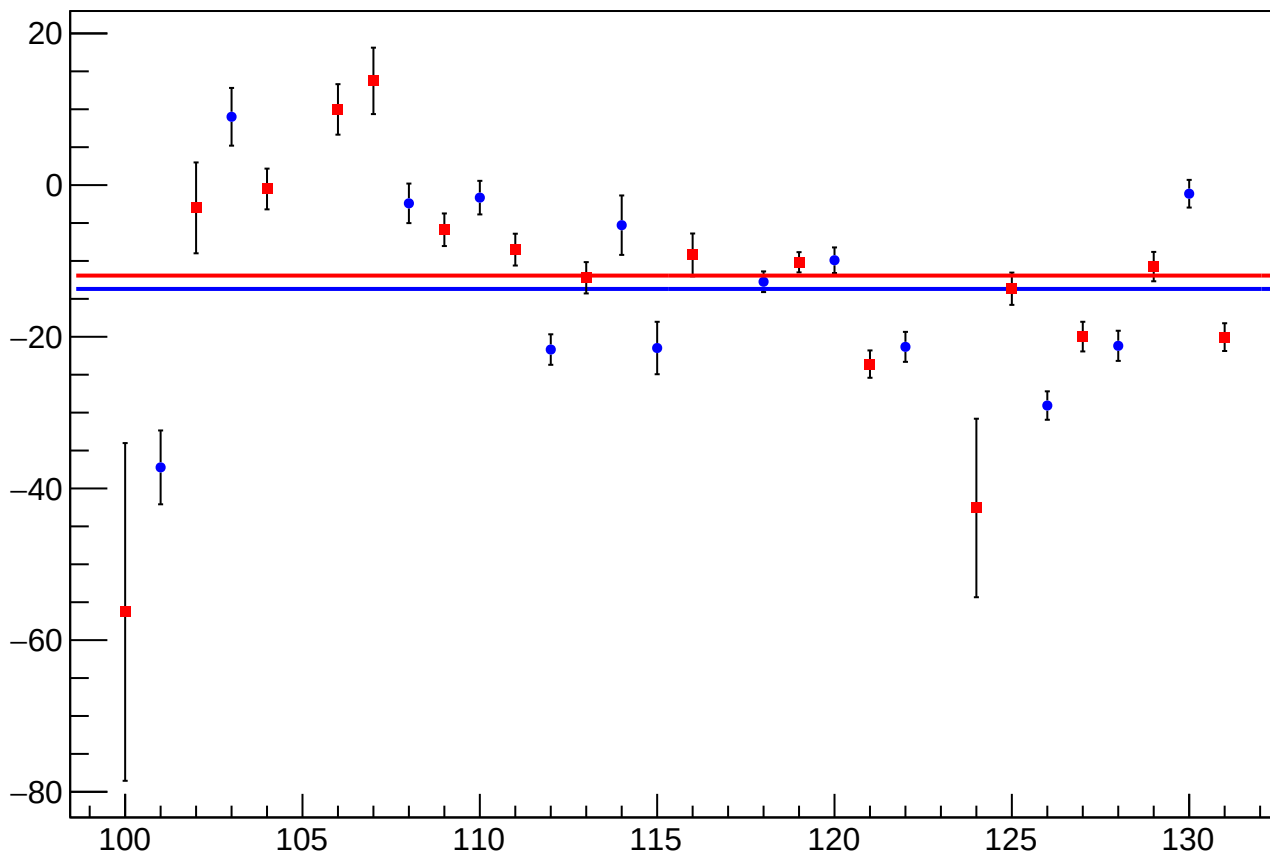
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -55.607 ± 0.397 χ^2/NDF : 3249.8/28

- 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: -13.692 $\pm$ 0.593 χ^2 /NDF: 282.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -11.930 $\pm$ 0.574 χ^2 /NDF: 201.5/15

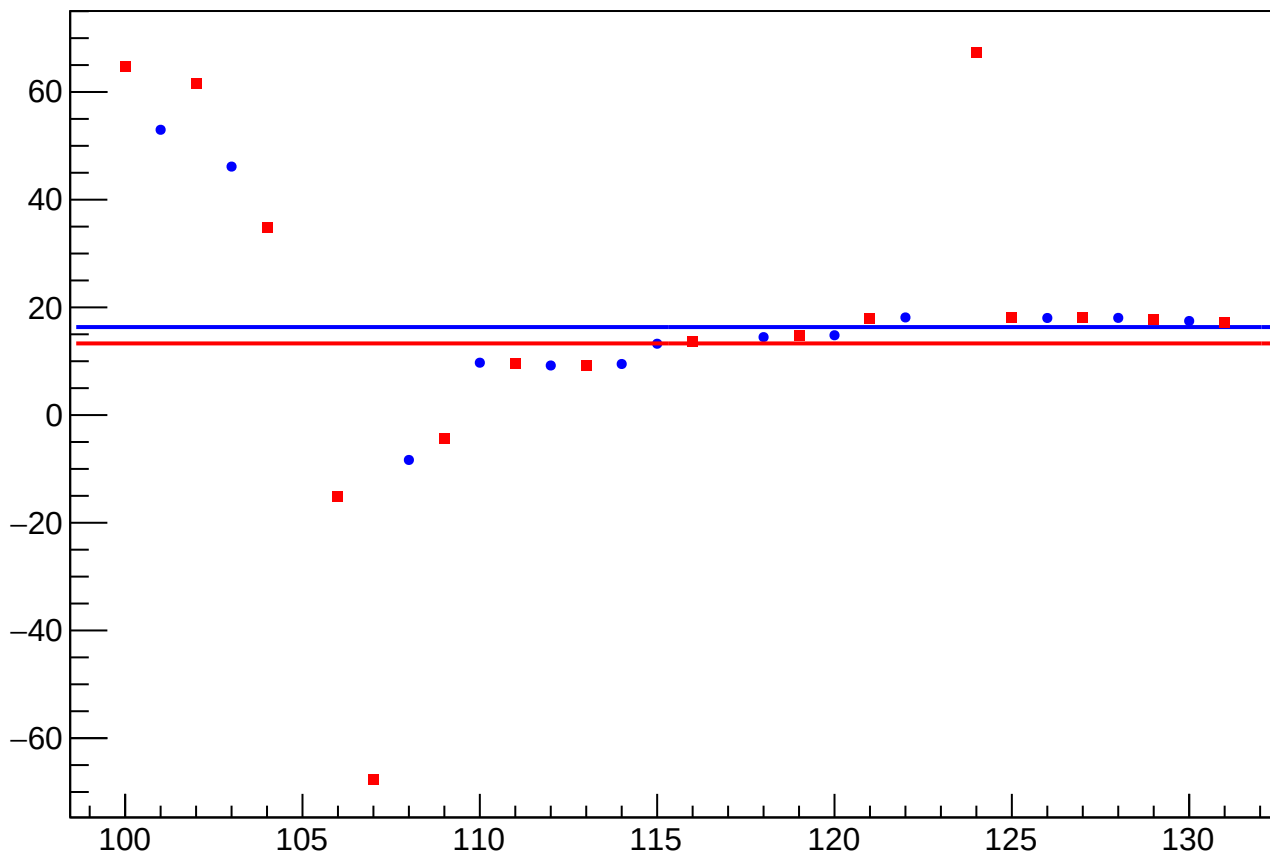
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -12.782 $\pm$ 0.412 χ^2 /NDF: 488.0/28

- 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: 16.343 ± 0.039 χ^2/NDF : 204817.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 13.306 ± 0.038 χ^2/NDF : 352596.9/15

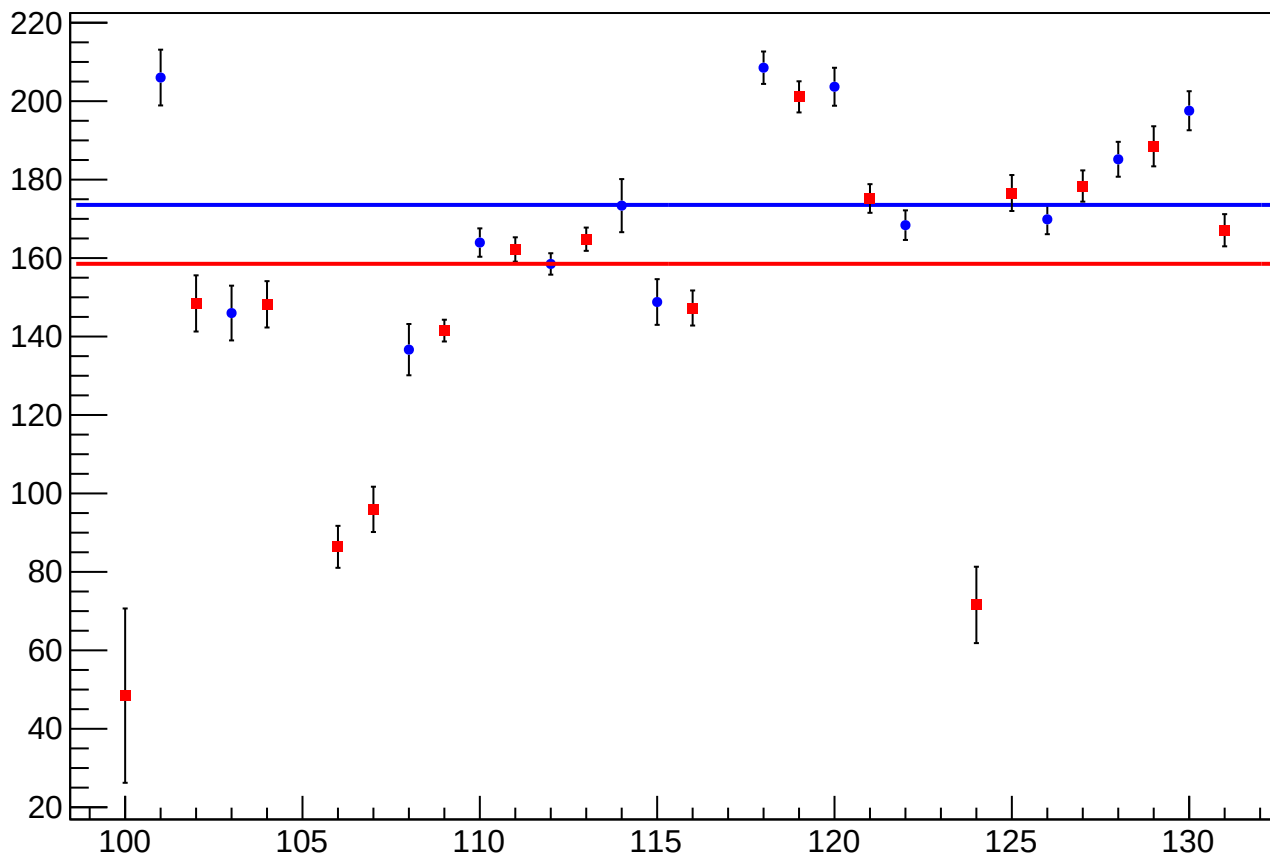
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 14.777 ± 0.027 χ^2/NDF : 560500.4/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_at2_avg_dd_diff_bpm1X_slope vs Slug



Right In: 173.556 $\pm$ 1.233 χ^2 /NDF: 267.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 158.538 $\pm$ 1.072 χ^2 /NDF: 673.4/15

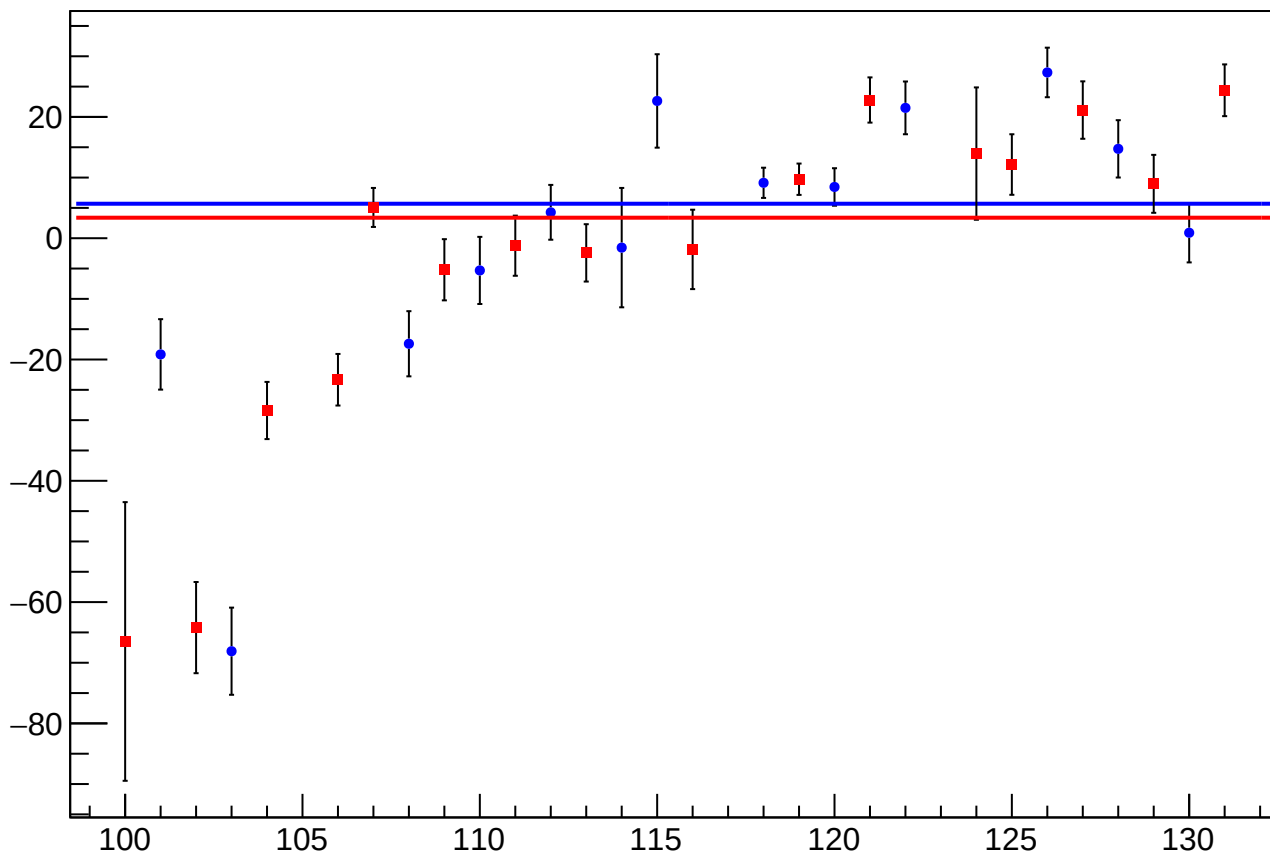
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 165.003 $\pm$ 0.809 χ^2 /NDF: 1025.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_avg_at2_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 5.686 $\pm$ 1.233 χ^2 /NDF: 200.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.383 $\pm$ 1.134 χ^2 /NDF: 258.0/15

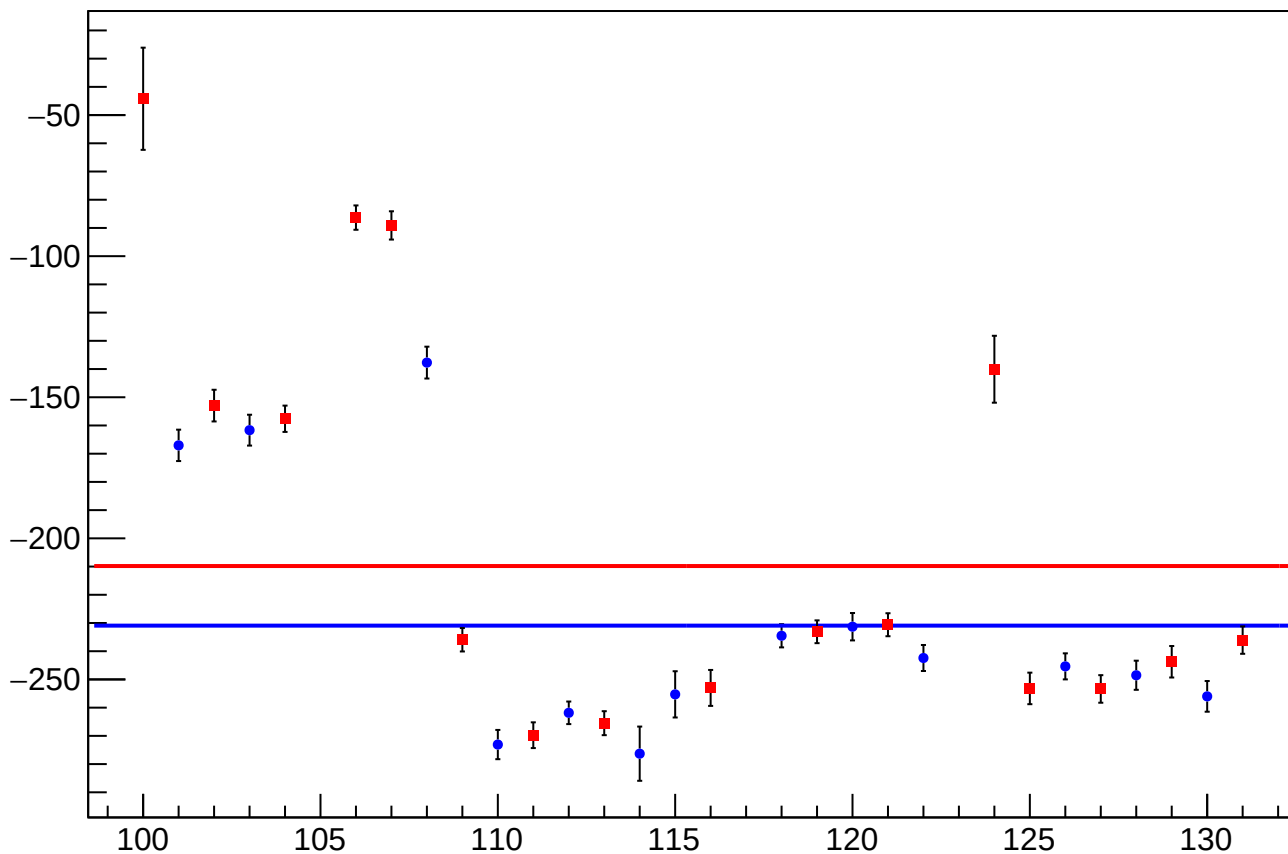
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.438 $\pm$ 0.835 χ^2 /NDF: 460.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -230.933+/-1.429 χ^2/NDF : 771.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -209.814+/-1.252 χ^2/NDF : 2441.0/15

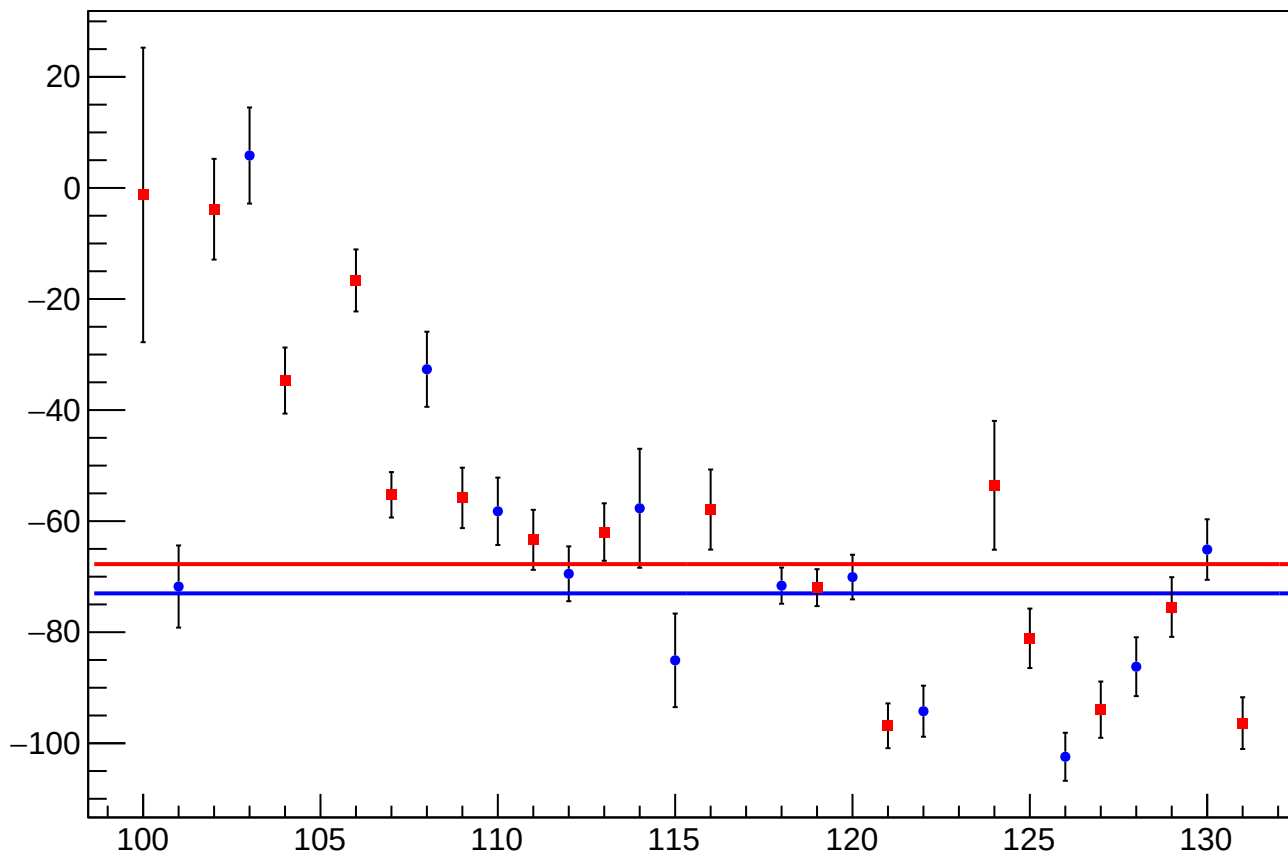
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -218.985+/-0.942 χ^2/NDF : 3336.1/28

- 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: -73.008 $\pm$ 1.458 χ^2 /NDF: 205.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -67.739 $\pm$ 1.322 χ^2 /NDF: 316.6/15

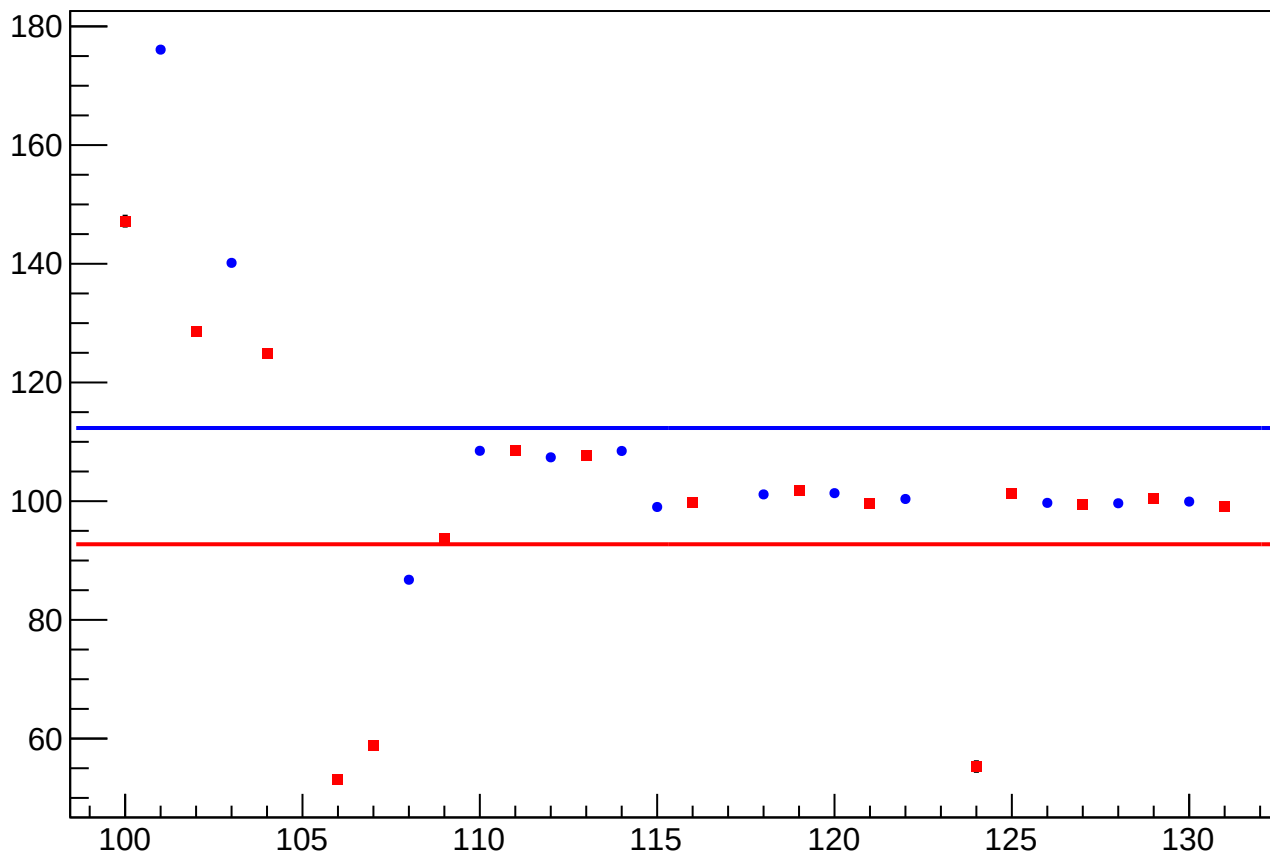
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -70.117 $\pm$ 0.979 χ^2 /NDF: 529.6/28

- 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: 112.329+/-0.096 χ^2/NDF : 70568.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.741+/-0.078 χ^2/NDF : 123380.3/15

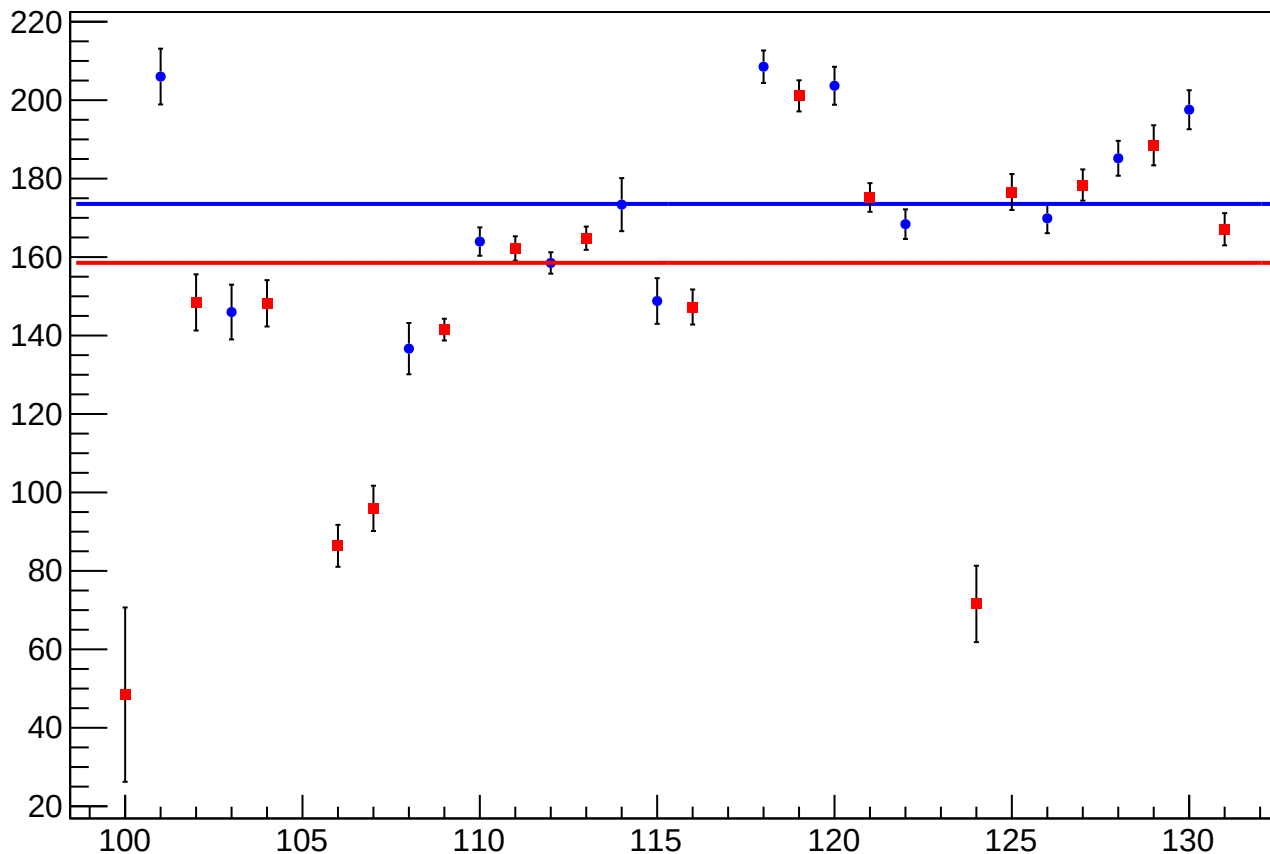
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.577+/-0.060 χ^2/NDF : 219113.6/28

- 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: 173.556+/-1.233 χ^2/NDF : 267.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.538+/-1.072 χ^2/NDF : 673.4/15

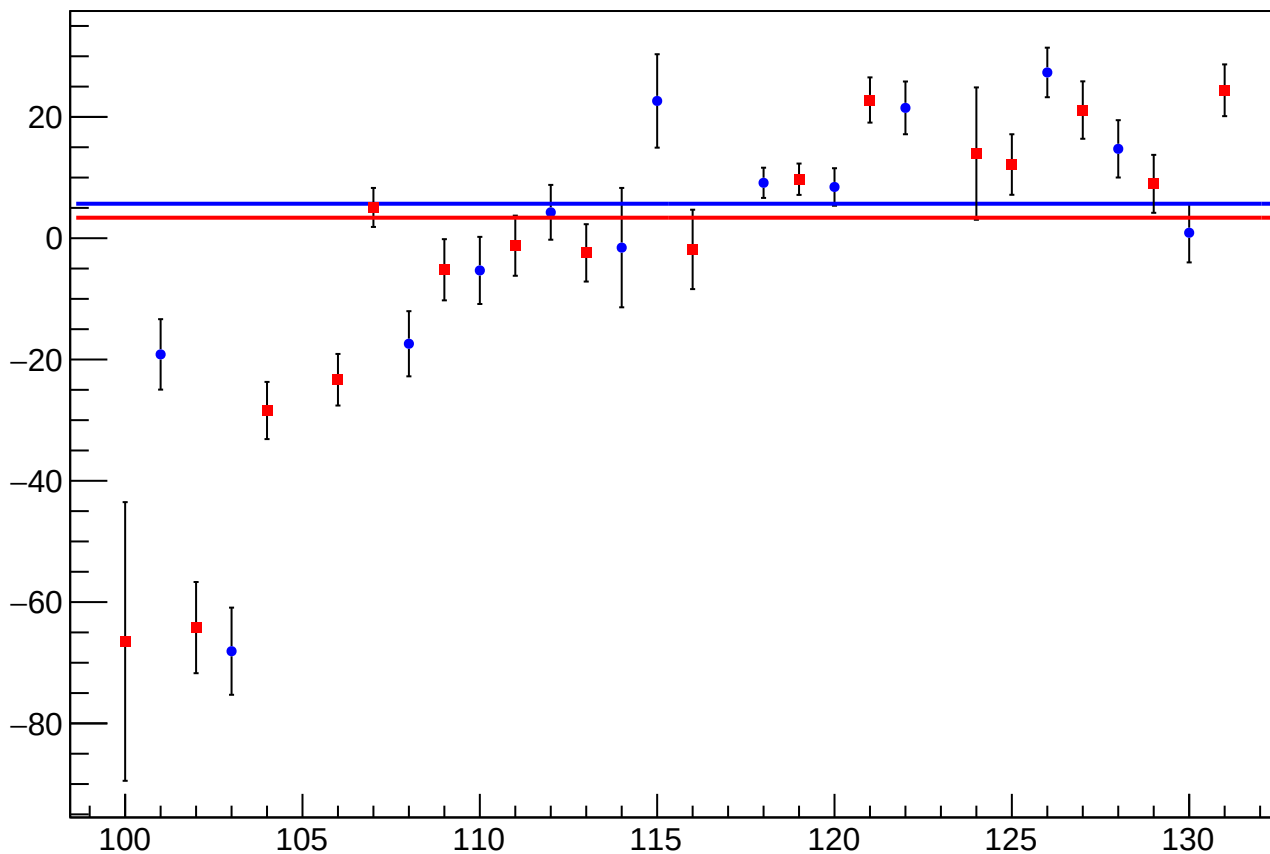
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.003+/-0.809 χ^2/NDF : 1025.0/28

- 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: 5.686+/-1.233 χ^2/NDF : 200.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.383+/-1.134 χ^2/NDF : 258.0/15

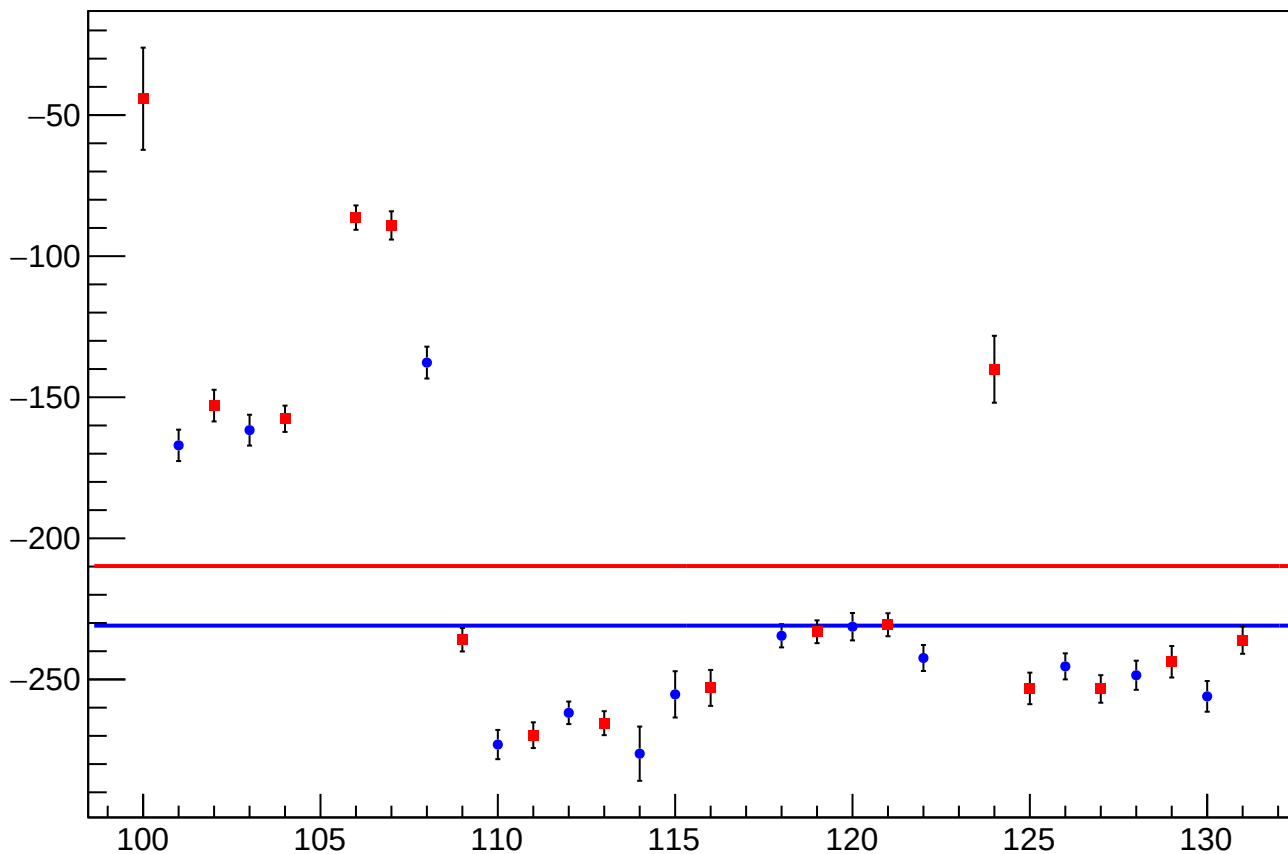
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.438+/-0.835 χ^2/NDF : 460.1/28

- 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: -230.933+/-1.429 χ^2/NDF : 771.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -209.814+/-1.252 χ^2/NDF : 2441.0/15

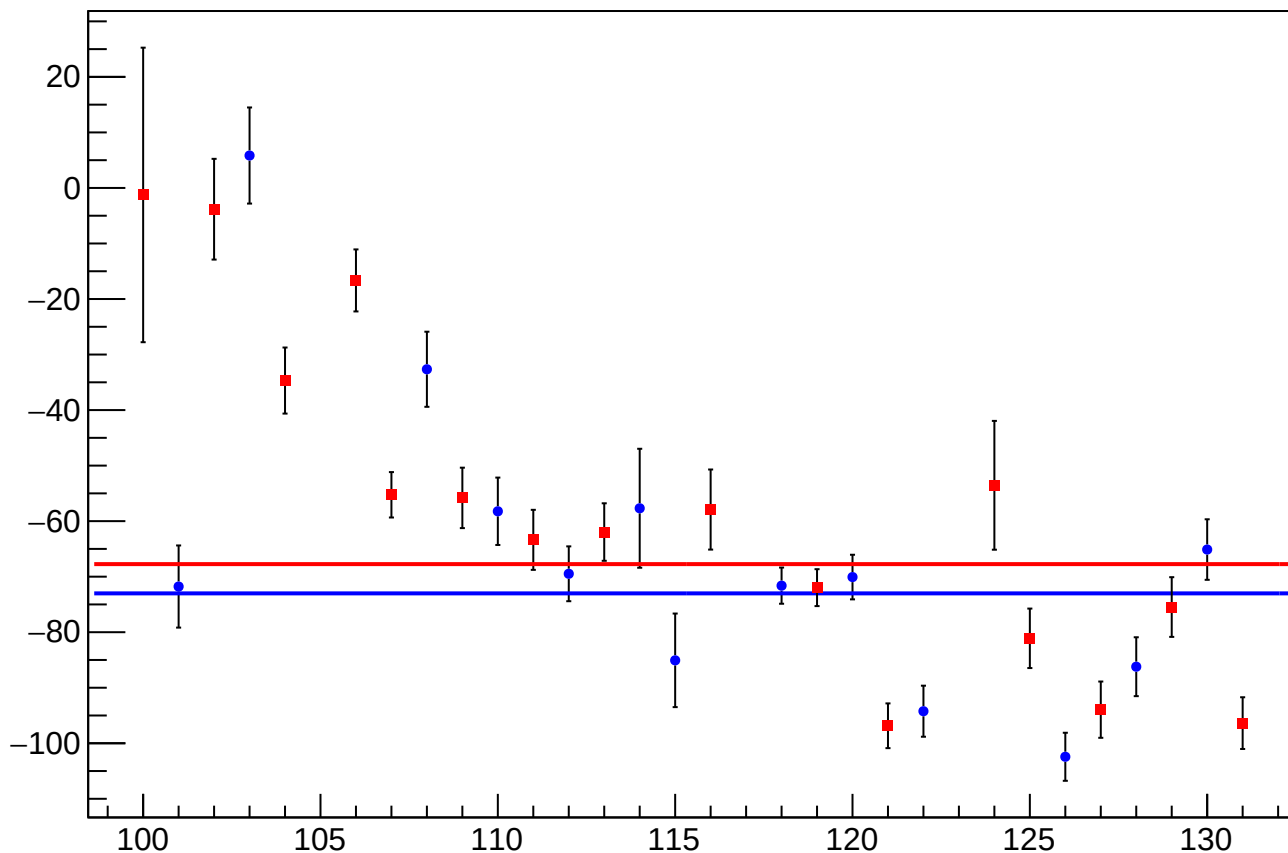
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -218.985+/-0.942 χ^2/NDF : 3336.1/28

- 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: -73.008+/-1.458 χ^2/NDF : 205.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -67.739+/-1.322 χ^2/NDF : 316.6/15

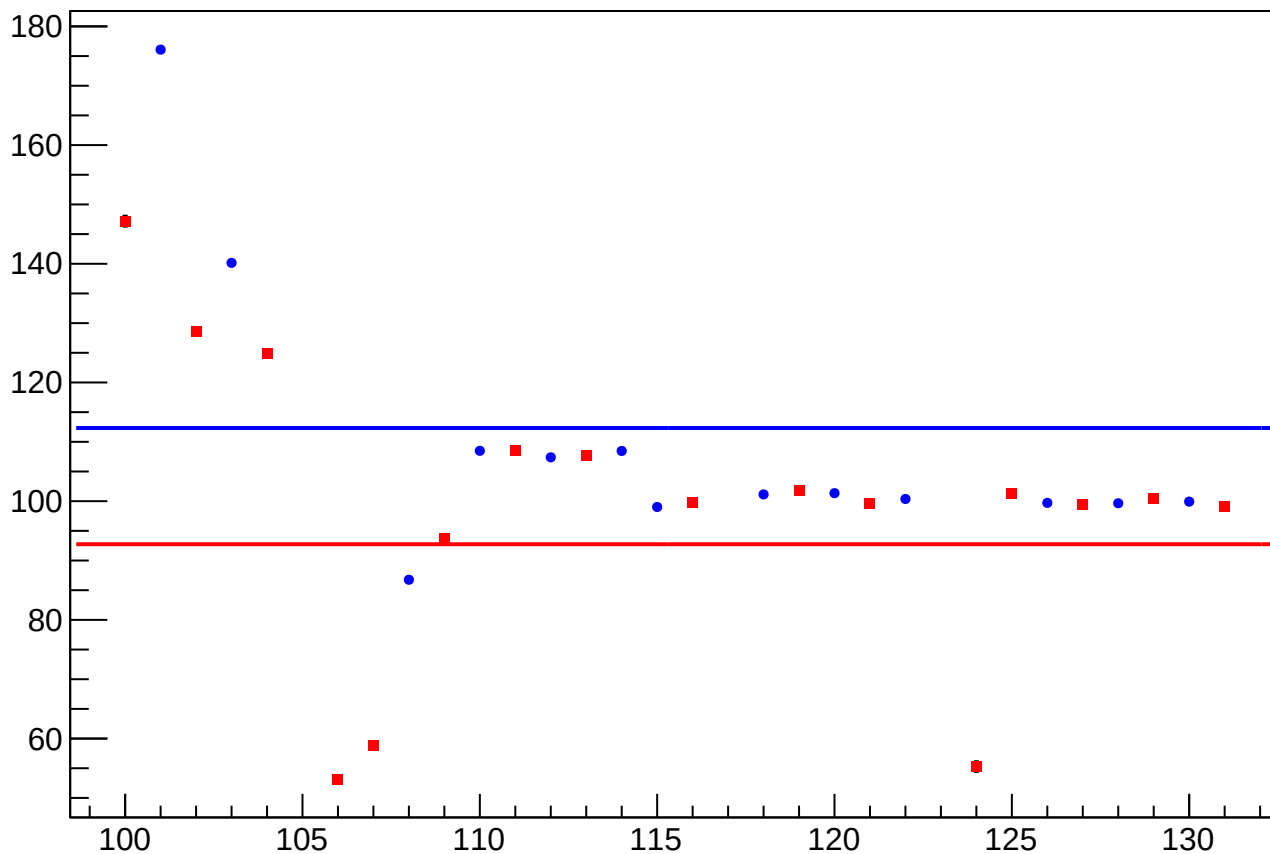
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.117+/-0.979 χ^2/NDF : 529.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm12X_slope vs Slug



Right In: 112.329+/-0.096 χ^2/NDF : 70568.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.741+/-0.078 χ^2/NDF : 123380.3/15

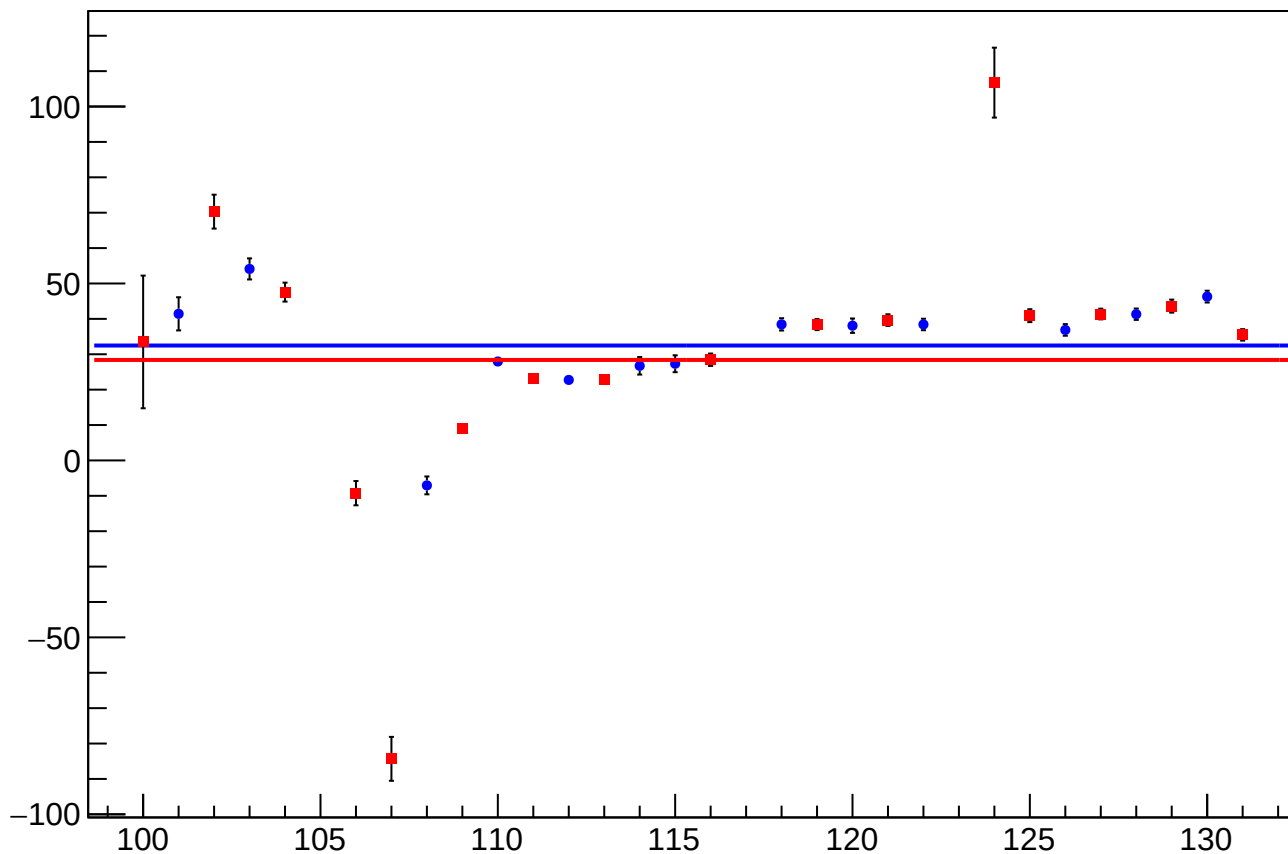
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.577+/-0.060 χ^2/NDF : 219113.6/28

- 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: 32.470 ± 0.493 $\chi^2/\text{NDF}: 539.7/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 28.392 ± 0.443 $\chi^2/\text{NDF}: 1301.3/15$

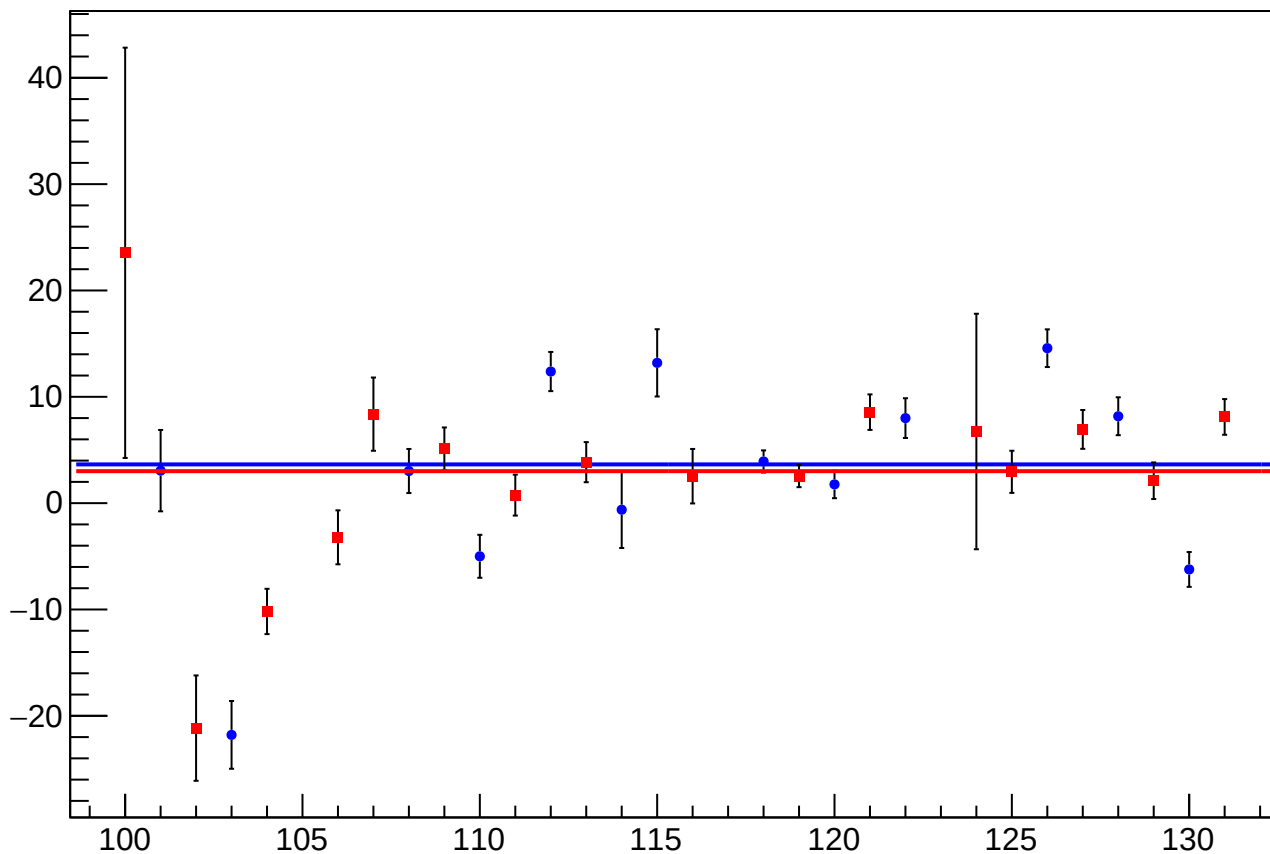
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 30.213 ± 0.330 $\chi^2/\text{NDF}: 1878.8/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 3.644 $\pm$ 0.505 χ^2/NDF : 203.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 3.008 $\pm$ 0.500 χ^2/NDF : 100.0/15

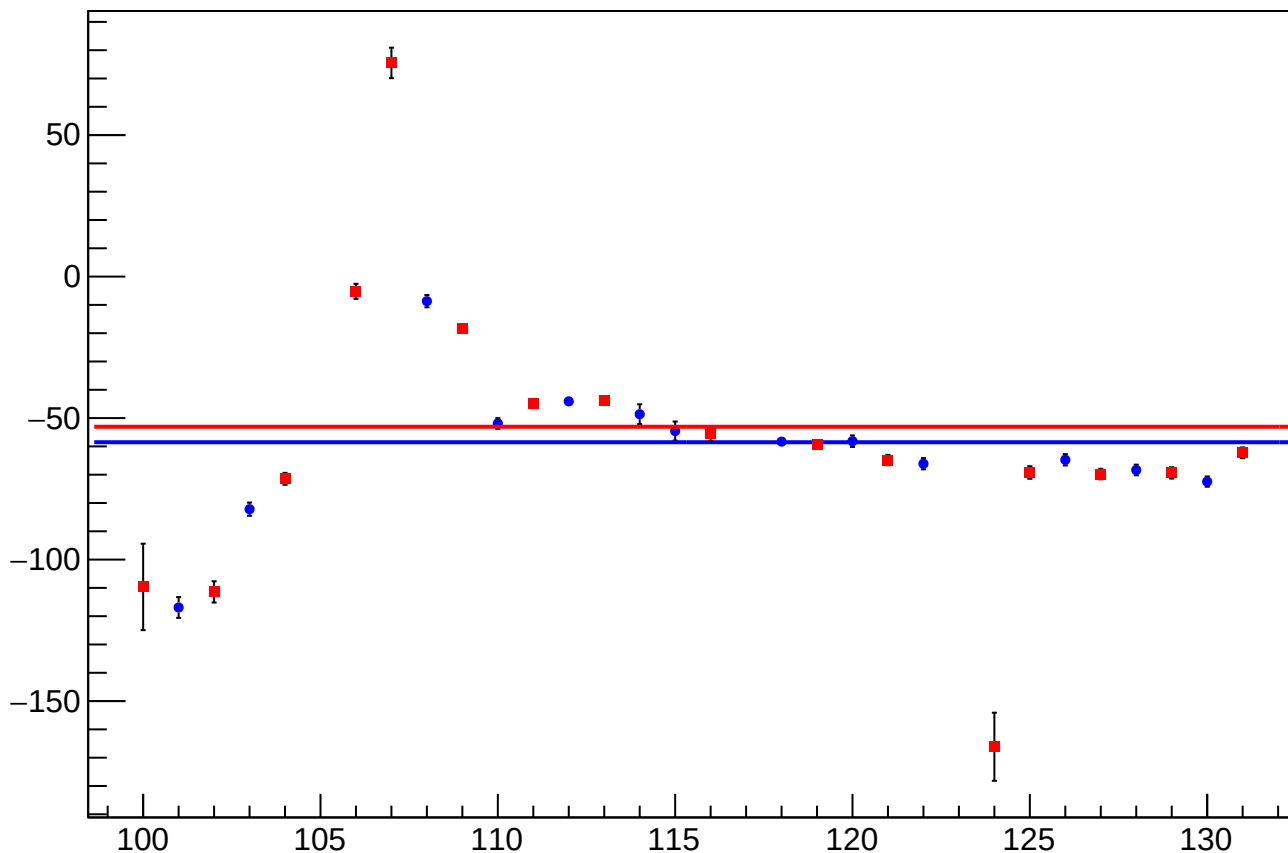
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 3.323 $\pm$ 0.355 χ^2/NDF : 304.3/28

- 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: -58.531+/-0.581 χ^2/NDF : 1090.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -53.060+/-0.542 χ^2/NDF : 2112.1/15

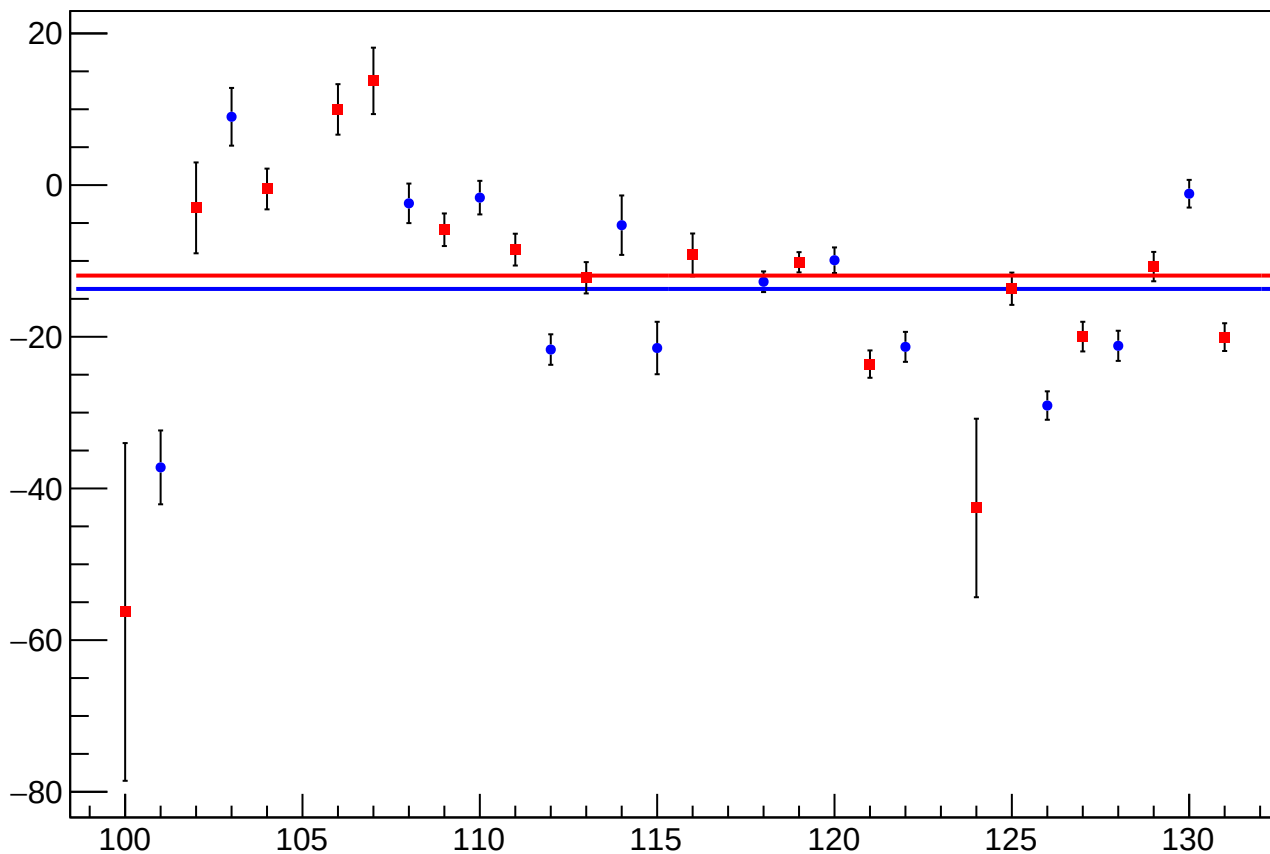
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.607+/-0.397 χ^2/NDF : 3249.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -13.692 $\pm$ 0.593 χ^2 /NDF: 282.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -11.930 $\pm$ 0.574 χ^2 /NDF: 201.5/15

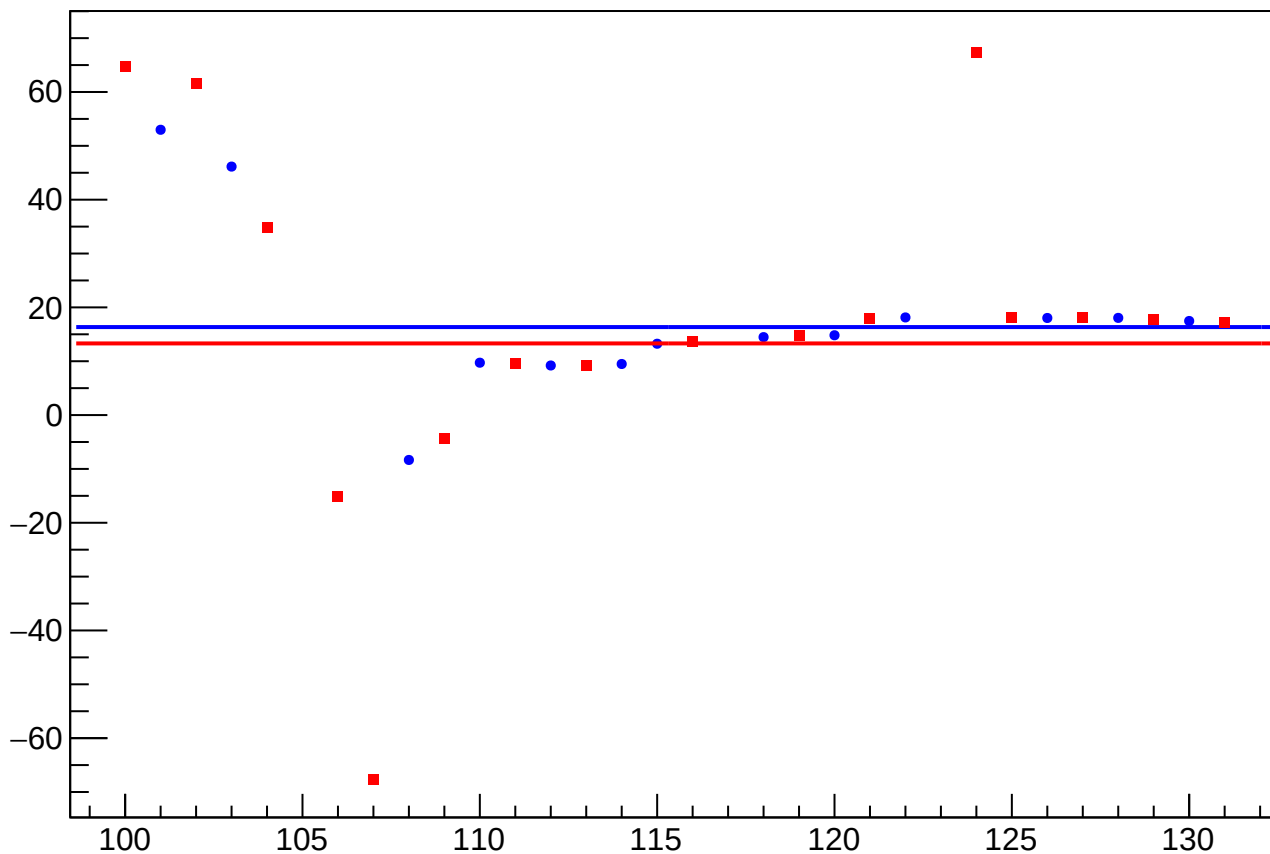
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -12.782 $\pm$ 0.412 χ^2 /NDF: 488.0/28

- 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: 16.343 $\pm$ 0.039 χ^2 /NDF: 204817.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.306 $\pm$ 0.038 χ^2 /NDF: 352596.9/15

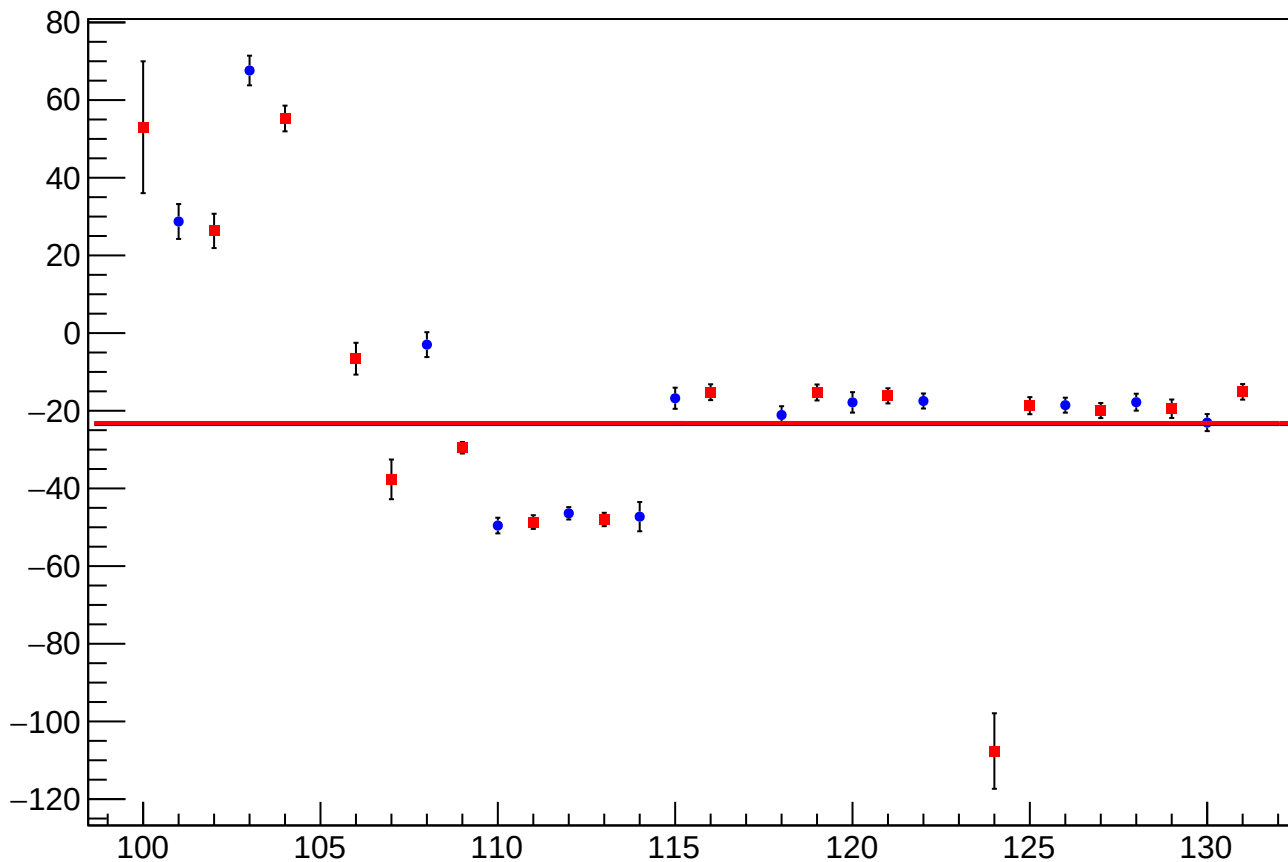
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.777 $\pm$ 0.027 χ^2 /NDF: 560500.4/28

- 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: -23.426 ± 0.652 χ^2/NDF : 1192.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -23.140 ± 0.577 χ^2/NDF : 1310.2/15

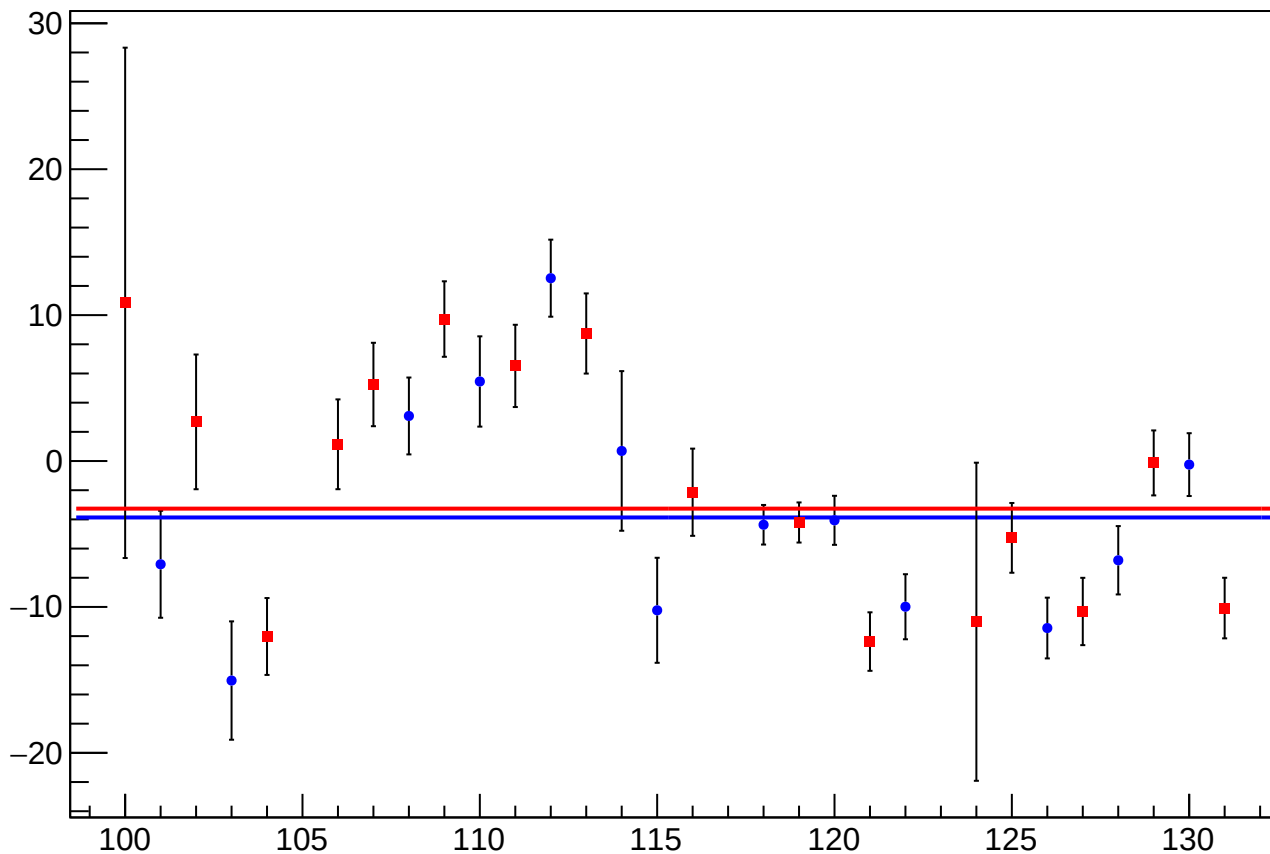
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -23.265 ± 0.432 χ^2/NDF : 2503.2/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_at2_dd_avg_diff_bpm4aY_slope vs Slug



Right In: -3.868 $\pm$ 0.650 χ^2 /NDF: 92.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.262 $\pm$ 0.629 χ^2 /NDF: 125.2/15

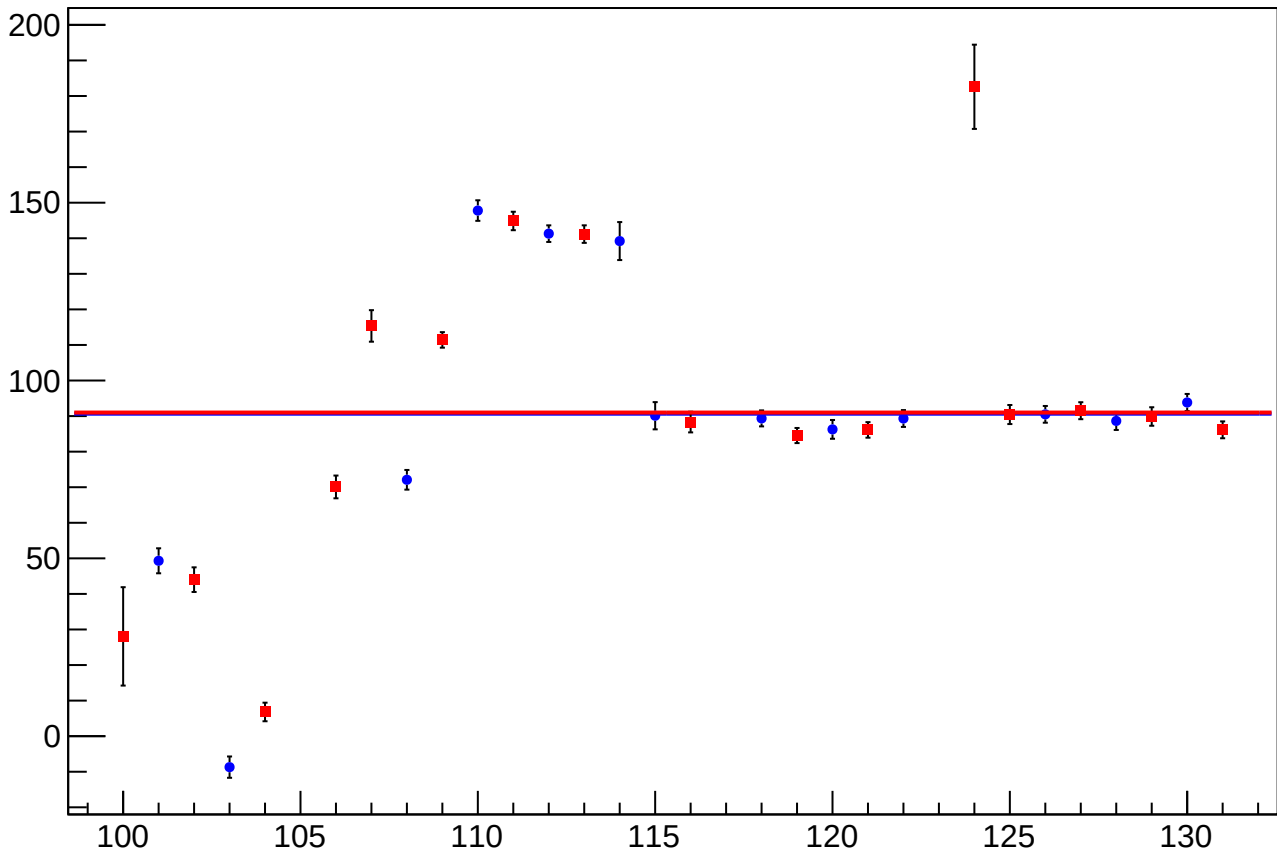
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.555 $\pm$ 0.452 χ^2 /NDF: 217.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eX_slope vs Slug



Right In: 90.672 $\pm$ 0.754 χ^2 /NDF: 2231.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 90.995 $\pm$ 0.689 χ^2 /NDF: 2329.7/15

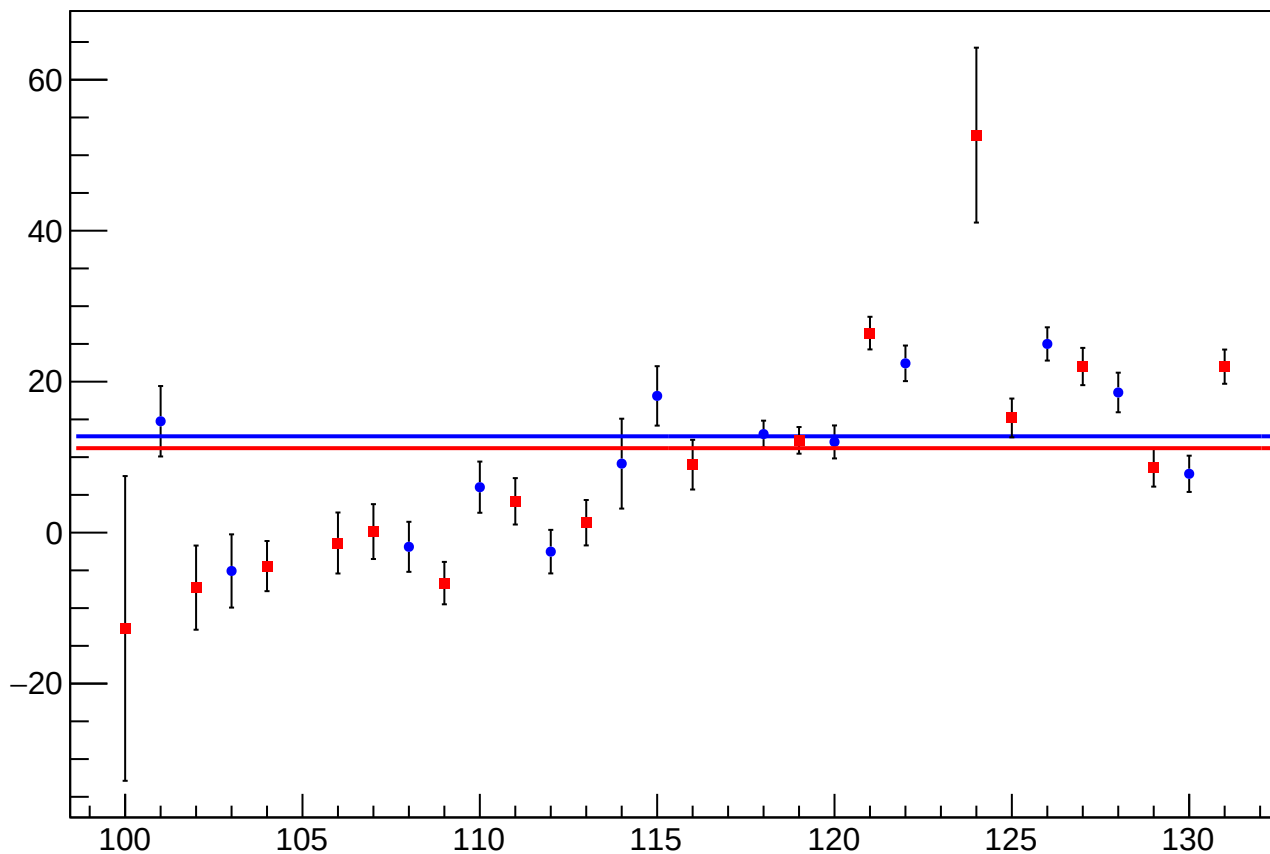
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 90.848 $\pm$ 0.509 χ^2 /NDF: 4561.7/28

- 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: 12.761 $\pm$ 0.765 χ^2 /NDF: 124.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.189 $\pm$ 0.724 χ^2 /NDF: 218.7/15

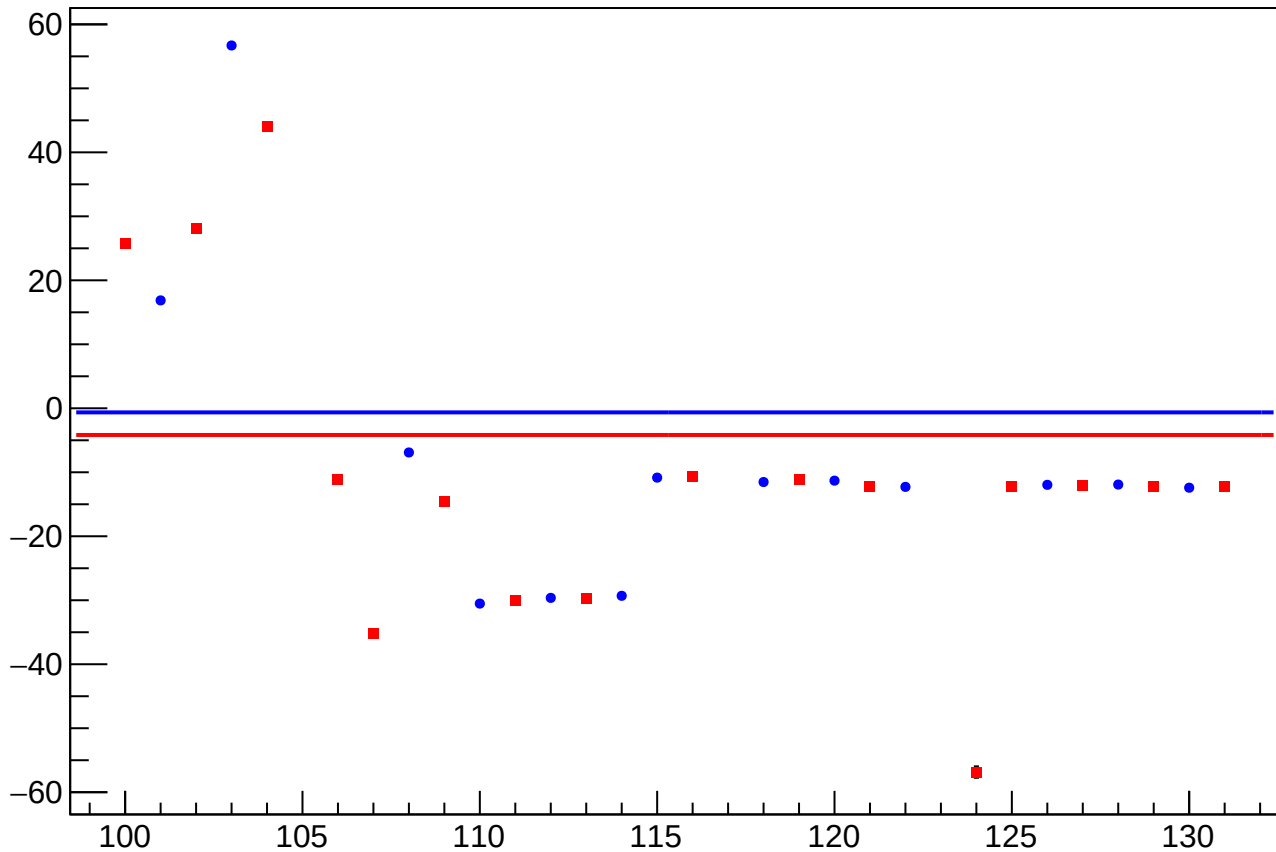
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.932 $\pm$ 0.526 χ^2 /NDF: 345.3/28

- 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: -0.640+/-0.050 χ^2/NDF : 285545.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.171+/-0.047 χ^2/NDF : 279230.3/15

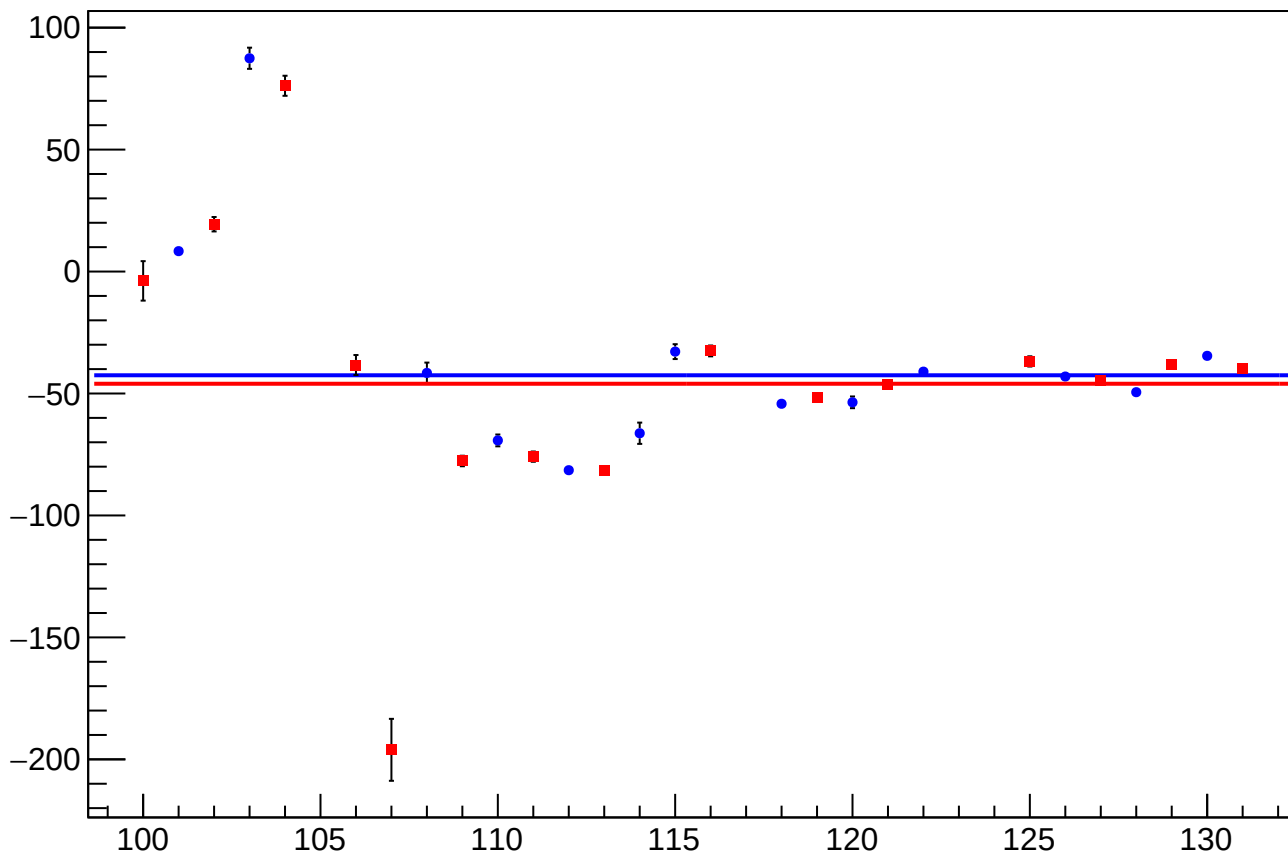
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.545+/-0.034 χ^2/NDF : 567429.4/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_avg_diff_bpm1X_slope vs Slug



Right In: -42.527 $\pm$ 0.630 χ^2 /NDF: 2203.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -46.004 $\pm$ 0.598 χ^2 /NDF: 2360.3/14

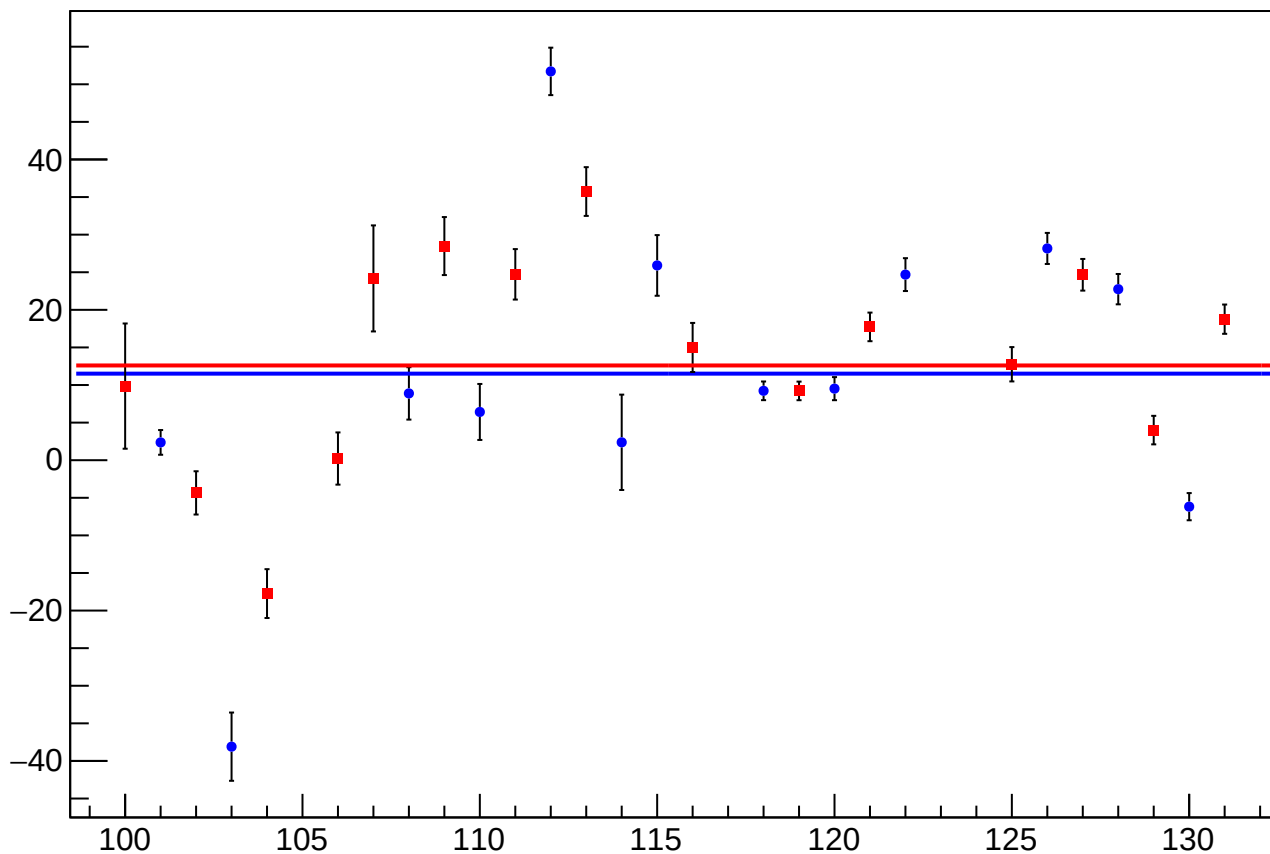
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -44.356 $\pm$ 0.434 χ^2 /NDF: 4579.9/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_avg_diff_bpm4aY_slope vs Slug



Right In: 11.513 $\pm$ 0.595 χ^2 /NDF: 563.1/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 12.601 $\pm$ 0.624 χ^2 /NDF: 297.0/14

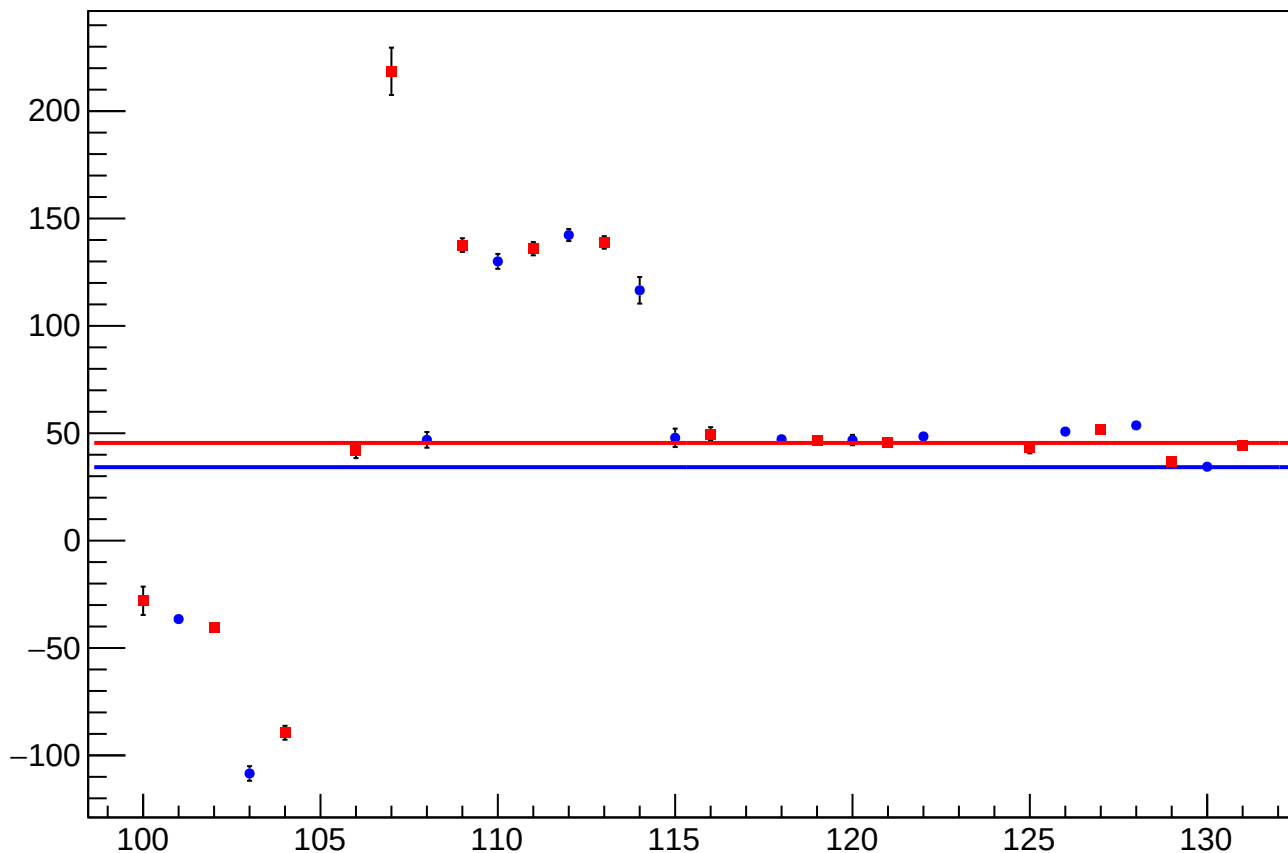
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.031 $\pm$ 0.430 χ^2 /NDF: 861.7/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_avg_diff_bpm4eX_slope vs Slug



Right In: 34.207 $\pm$ 0.690 χ^2 /NDF: 6477.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 45.499 $\pm$ 0.689 χ^2 /NDF: 6234.8/14

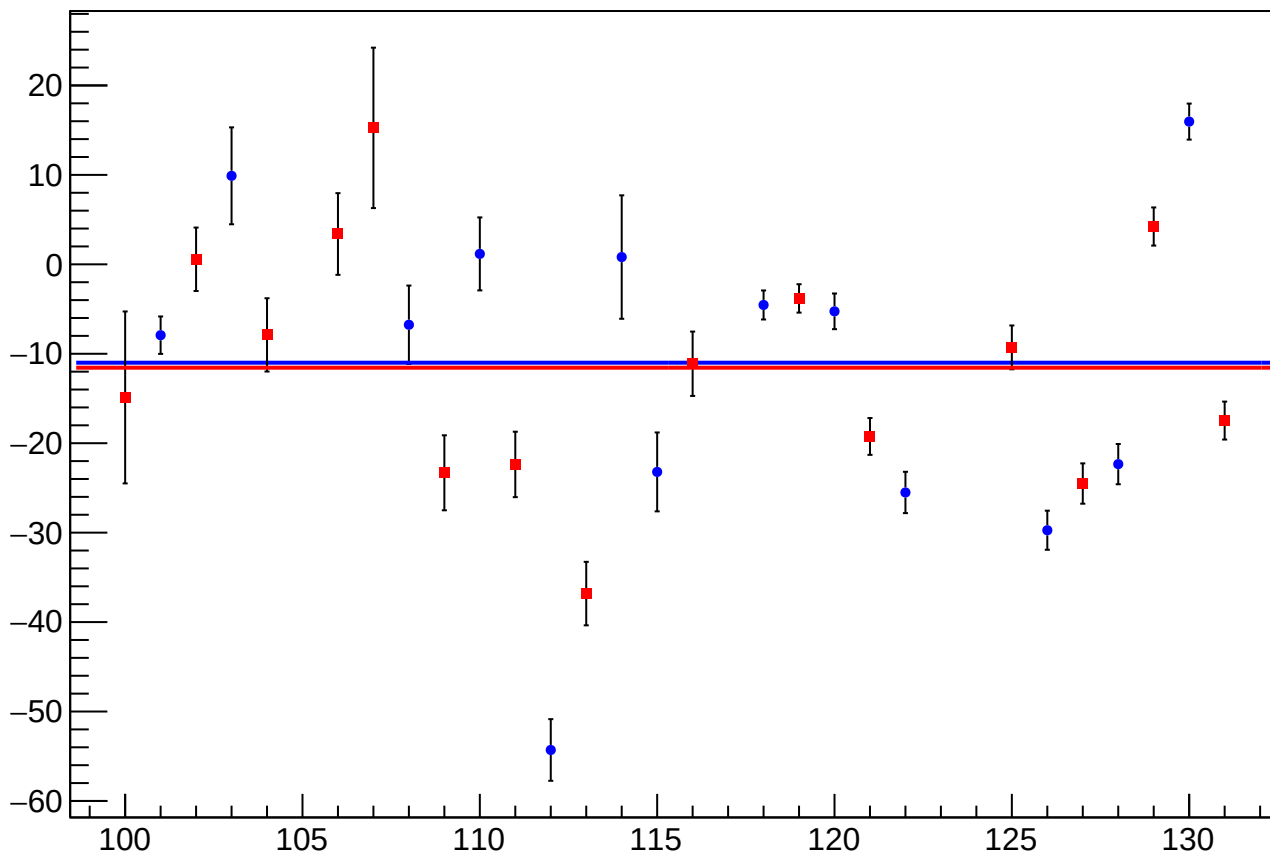
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.854 $\pm$ 0.488 χ^2 /NDF: 12846.4/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_avg_diff_bpm4eY_slope vs Slug



Right In: -10.998 $\pm$ 0.707 χ^2 /NDF: 536.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -11.557 $\pm$ 0.719 χ^2 /NDF: 233.7/14

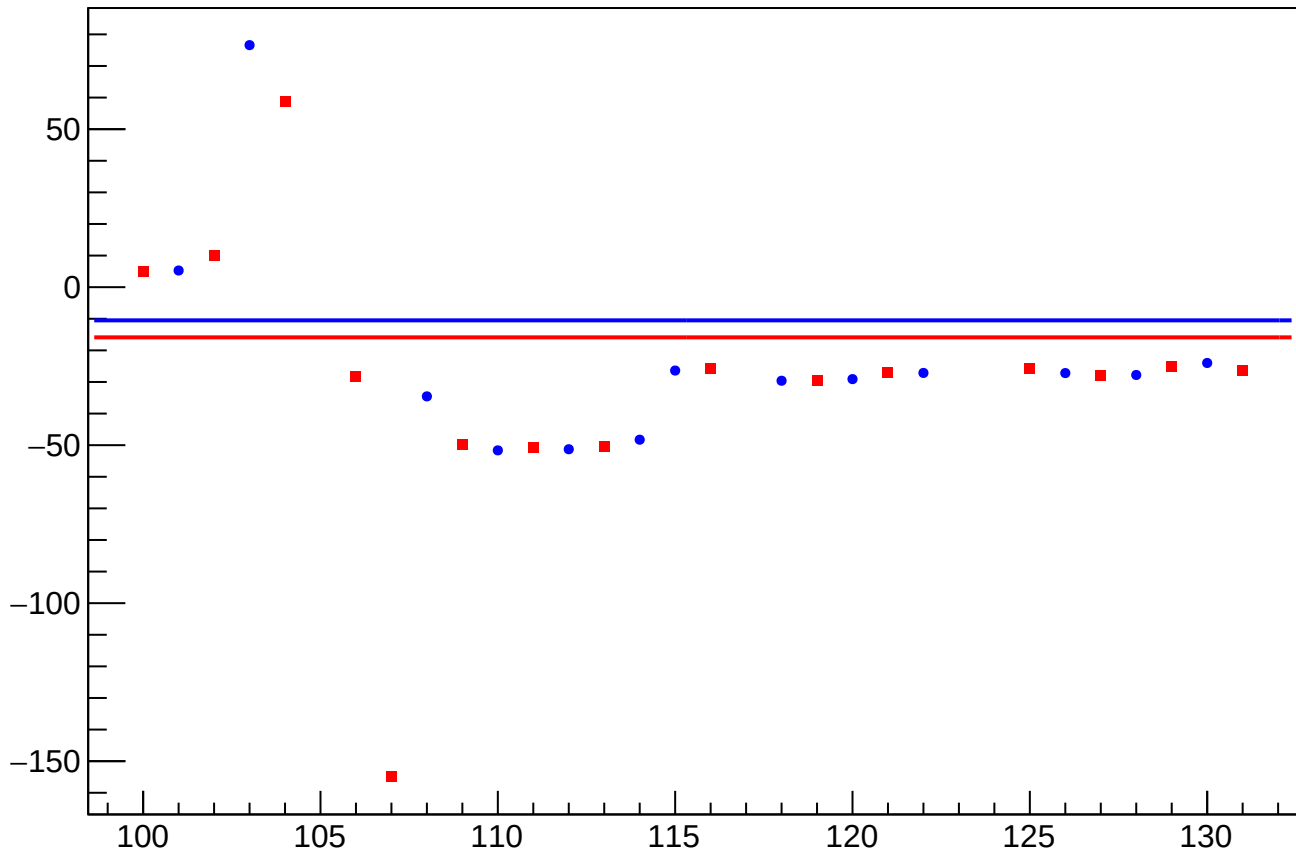
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -11.273 $\pm$ 0.504 χ^2 /NDF: 770.7/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_avg_diff_bpm12X_slope vs Slug



Right In: -10.501 ± 0.047 χ^2/NDF : 549277.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.881 ± 0.047 χ^2/NDF : 491838.4/14

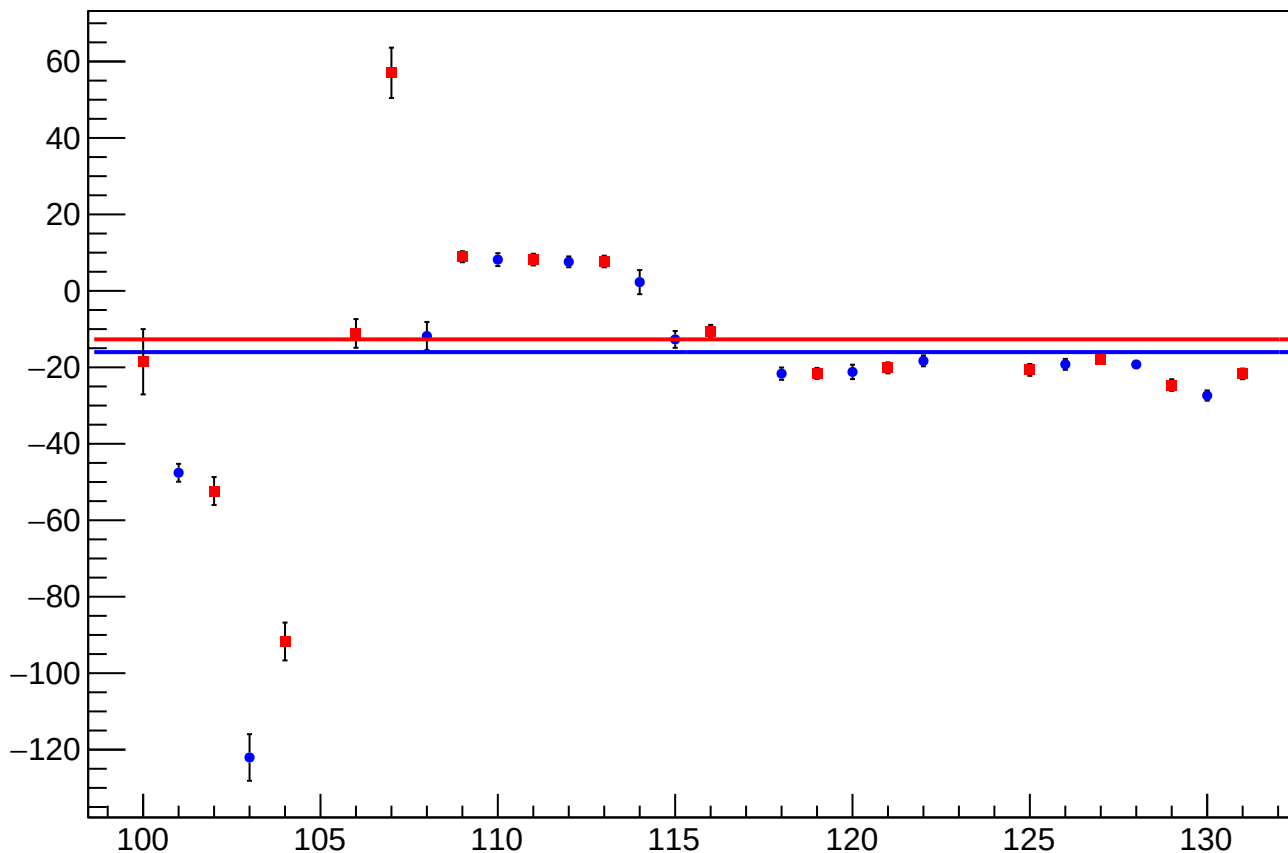
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.213 ± 0.033 χ^2/NDF : 1047728.7/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_dd_diff_bpm1X_slope vs Slug



Right In: -16.017 ± 0.485 χ^2/NDF : 1113.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -12.684 ± 0.450 χ^2/NDF : 1294.0/14

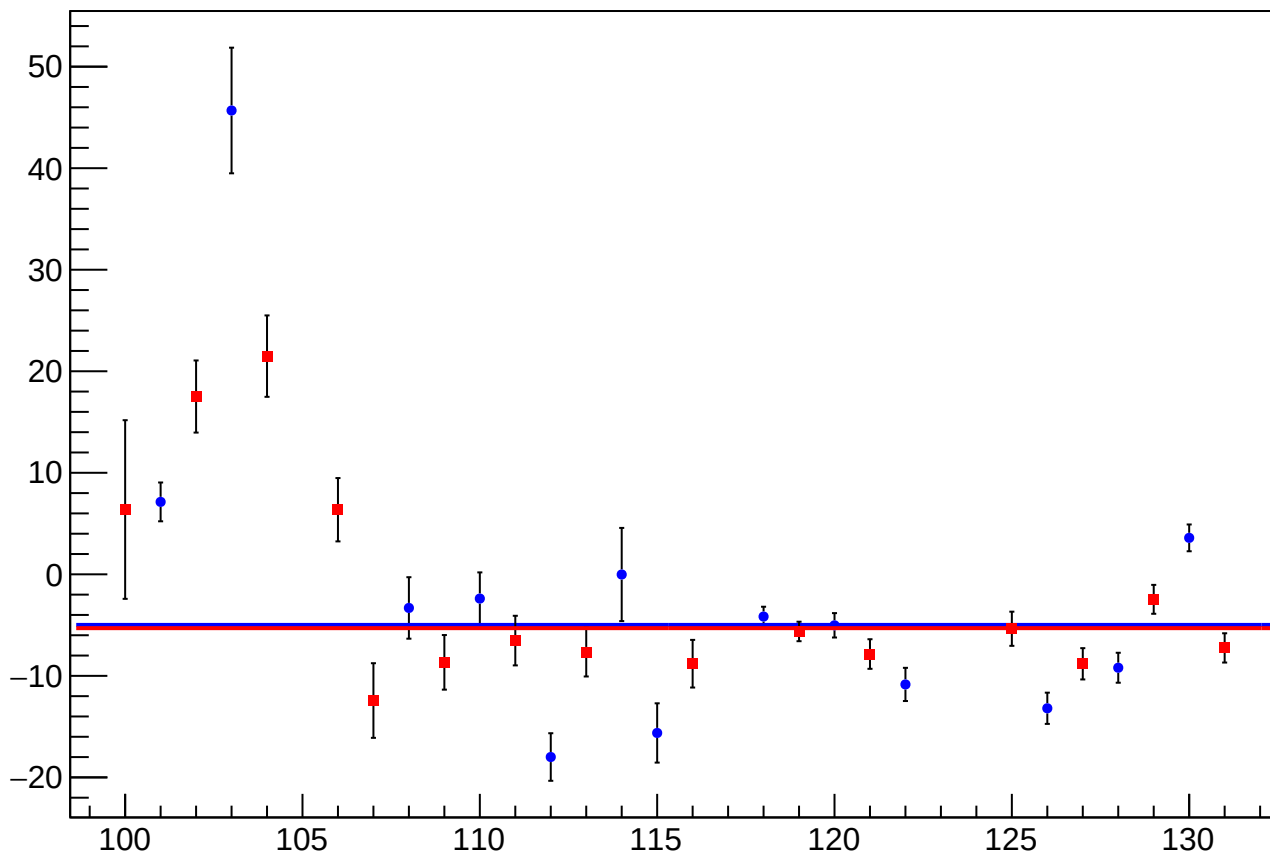
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.225 ± 0.330 χ^2/NDF : 2432.8/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_dd_diff_bpm4aY_slope vs Slug



Right In: -4.982 ± 0.472 $\chi^2/\text{NDF}: 246.3/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -5.302 ± 0.482 $\chi^2/\text{NDF}: 124.6/14$

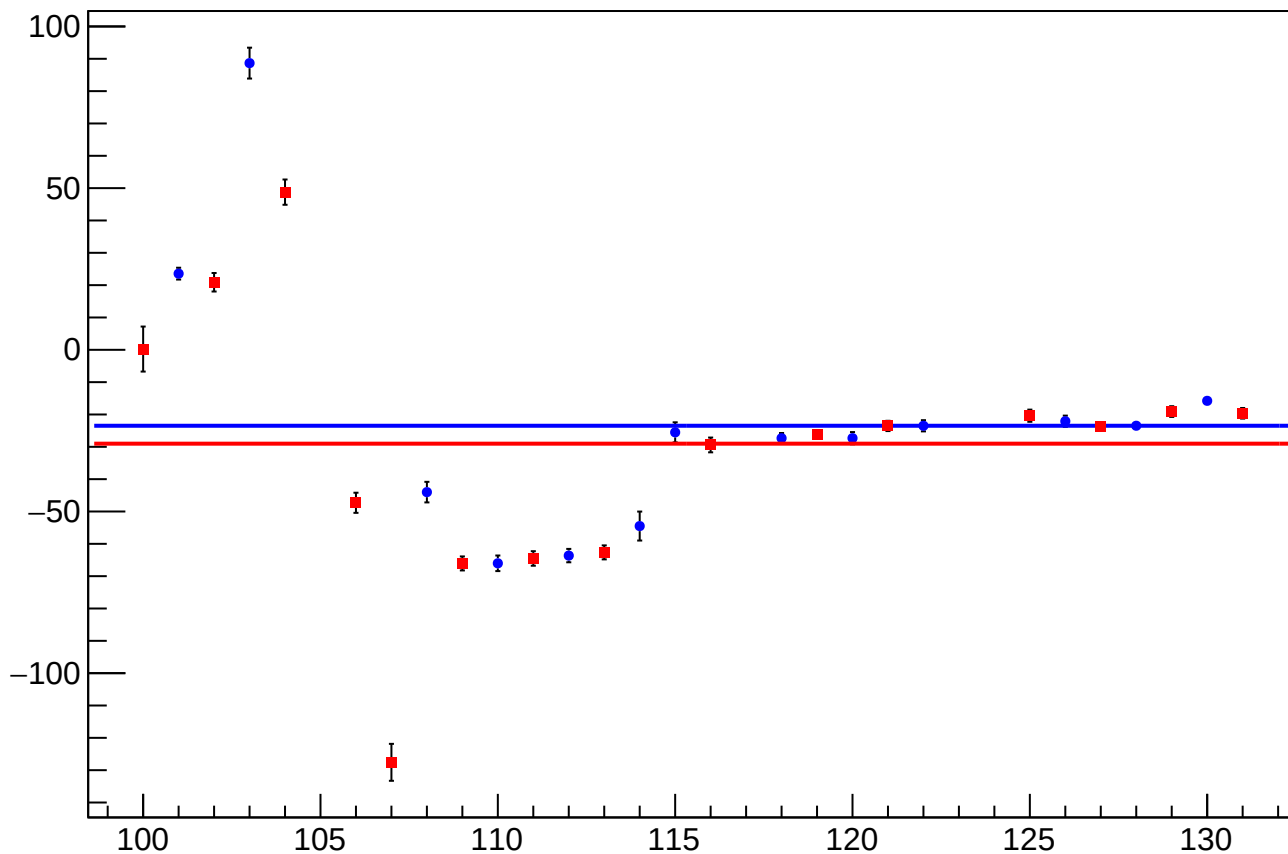
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -5.138 ± 0.337 $\chi^2/\text{NDF}: 371.2/27$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_usl_atl1_dd_diff_bpm4eX_slope vs Slug



Right In: -23.484 ± 0.557 χ^2/NDF : 2030.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -29.025 ± 0.539 χ^2/NDF : 1951.2/14

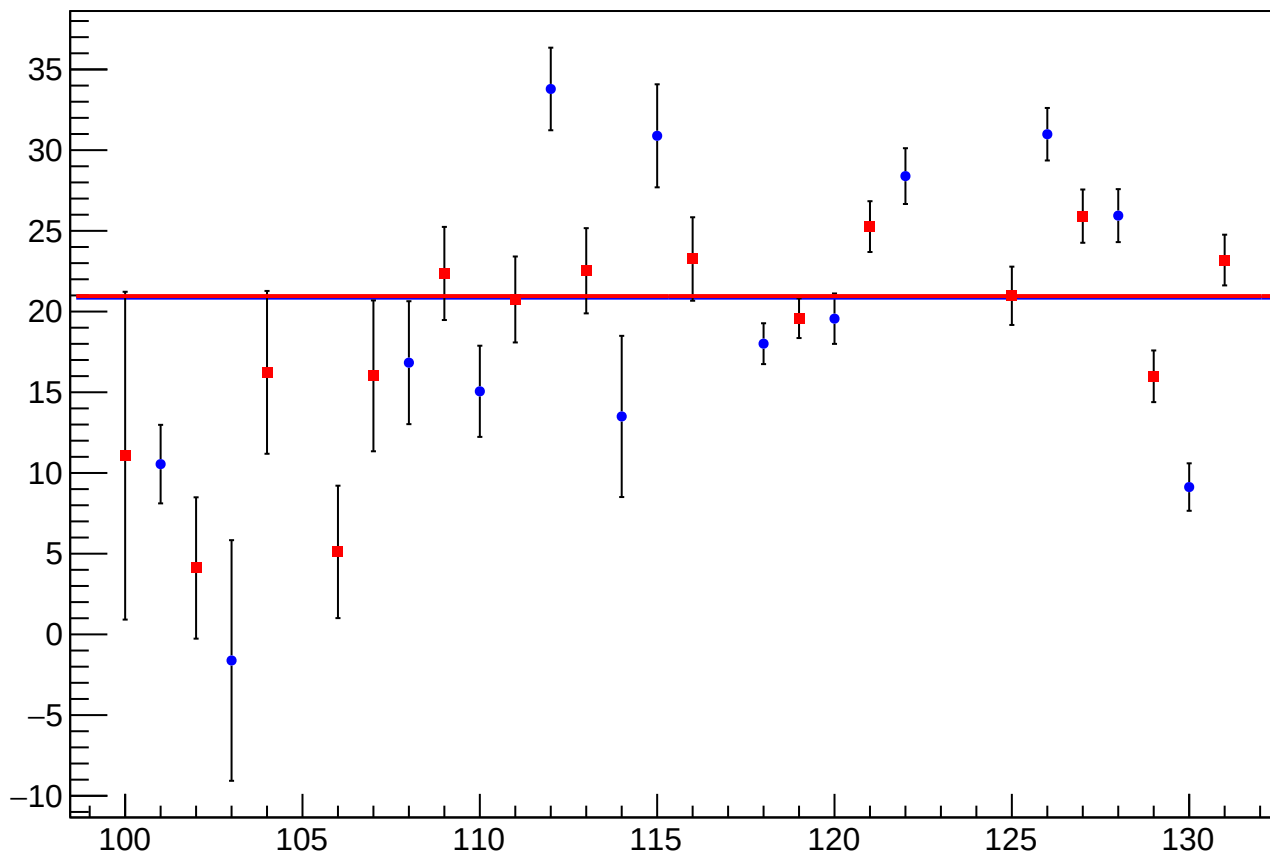
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -26.345 ± 0.387 χ^2/NDF : 4032.7/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_dd_diff_bpm4eY_slope vs Slug



Right In: 20.863+/-0.554 χ^2 /NDF: 206.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 20.959+/-0.551 χ^2 /NDF: 63.4/14

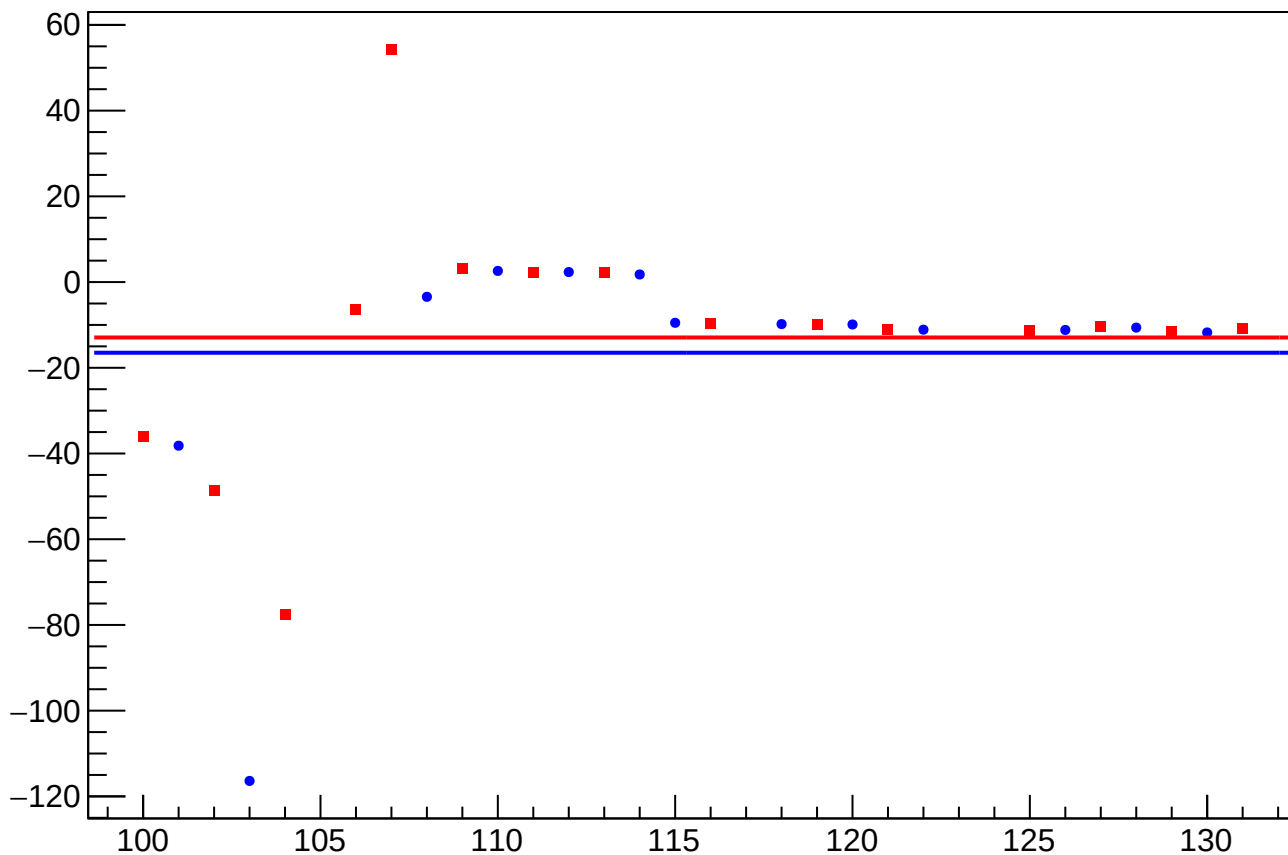
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 20.911+/-0.391 χ^2 /NDF: 270.2/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_dd_diff_bpm12X_slope vs Slug



Right In: -16.488 $\pm$ 0.041 χ^2 /NDF: 330741.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -12.929 $\pm$ 0.039 χ^2 /NDF: 311053.1/14

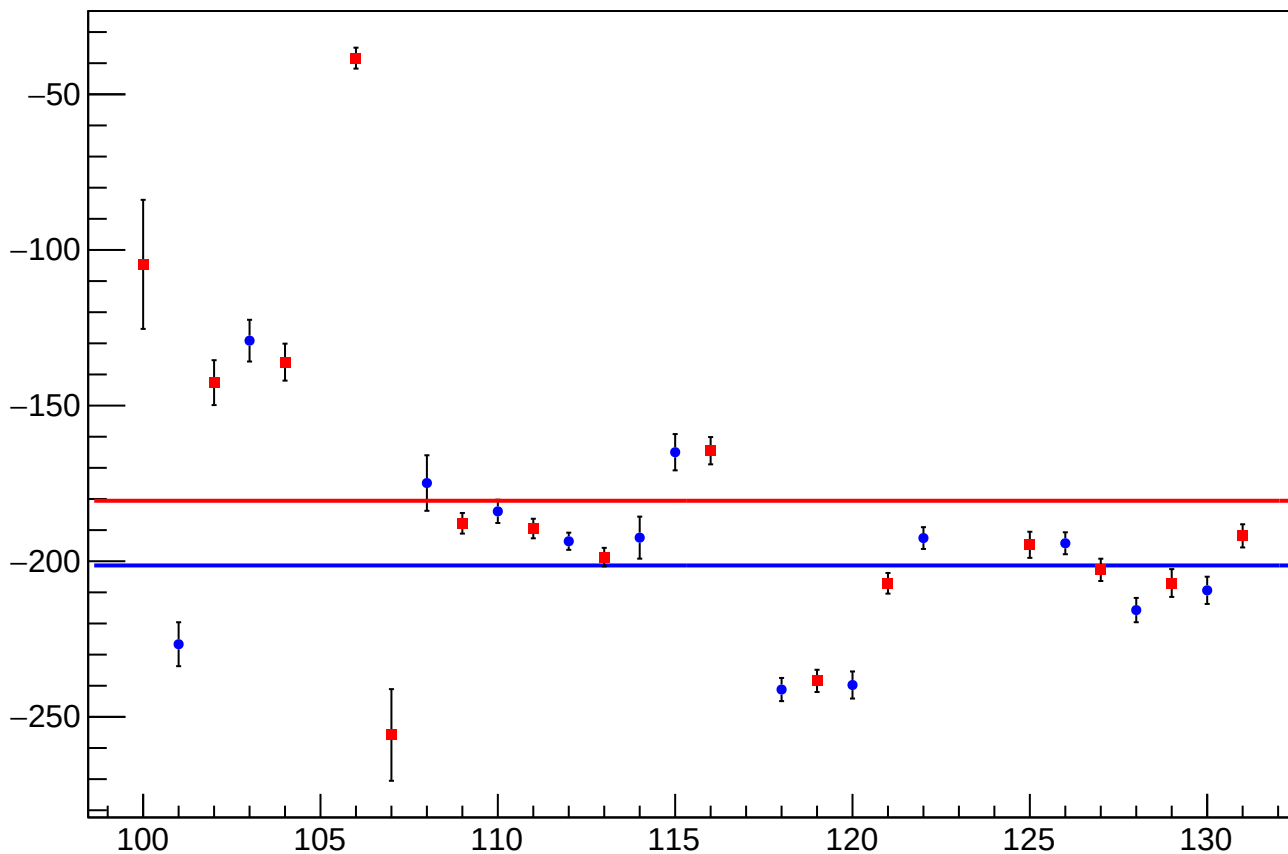
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.645 $\pm$ 0.028 χ^2 /NDF: 645792.3/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_avg_diff_bpm1X_slope vs Slug



Right In: -201.356+/-1.183 χ^2/NDF : 427.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -180.570+/-1.039 χ^2/NDF : 2393.4/14

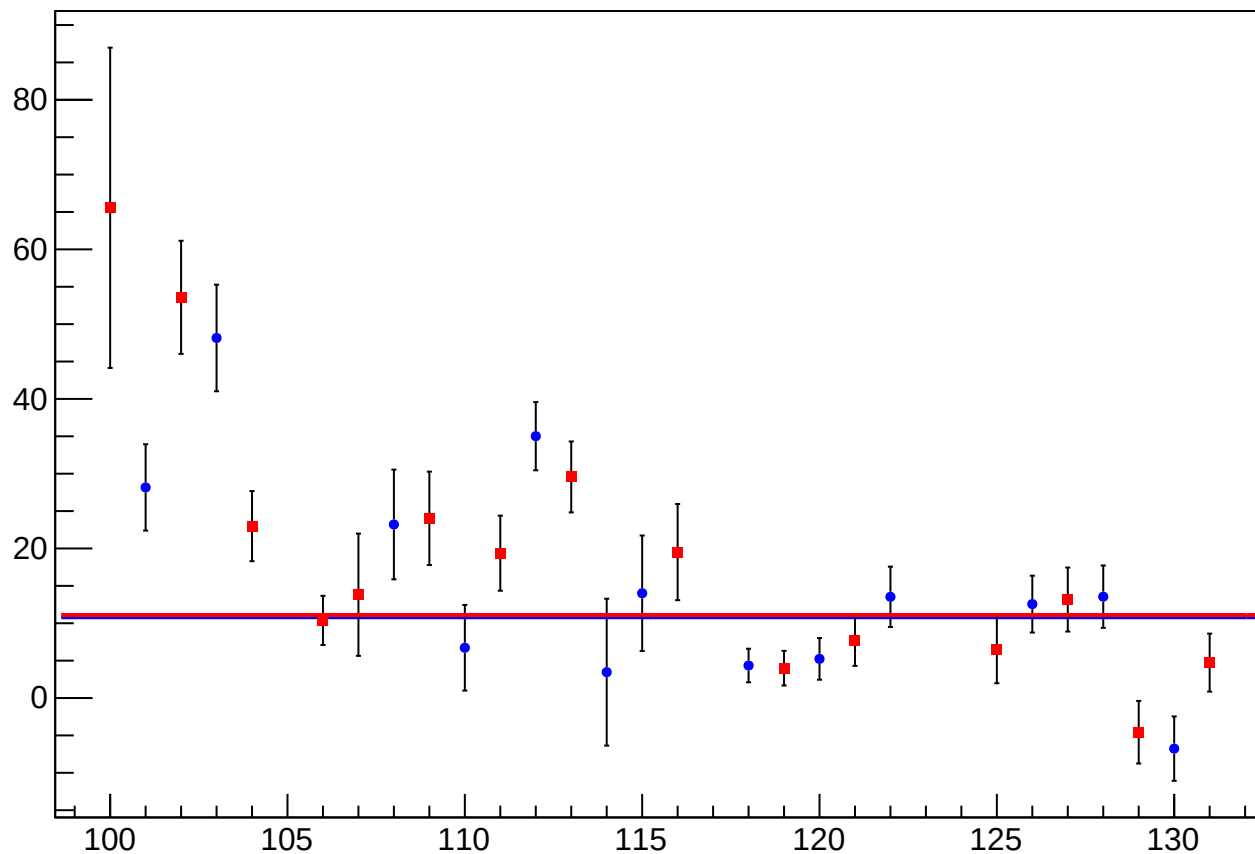
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -189.616+/-0.781 χ^2/NDF : 2995.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_avg_diff_bpm4aY_slope vs Slug



Right In: 10.805+/-1.160 χ^2/NDF : 98.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.103+/-1.112 χ^2/NDF : 96.9/14

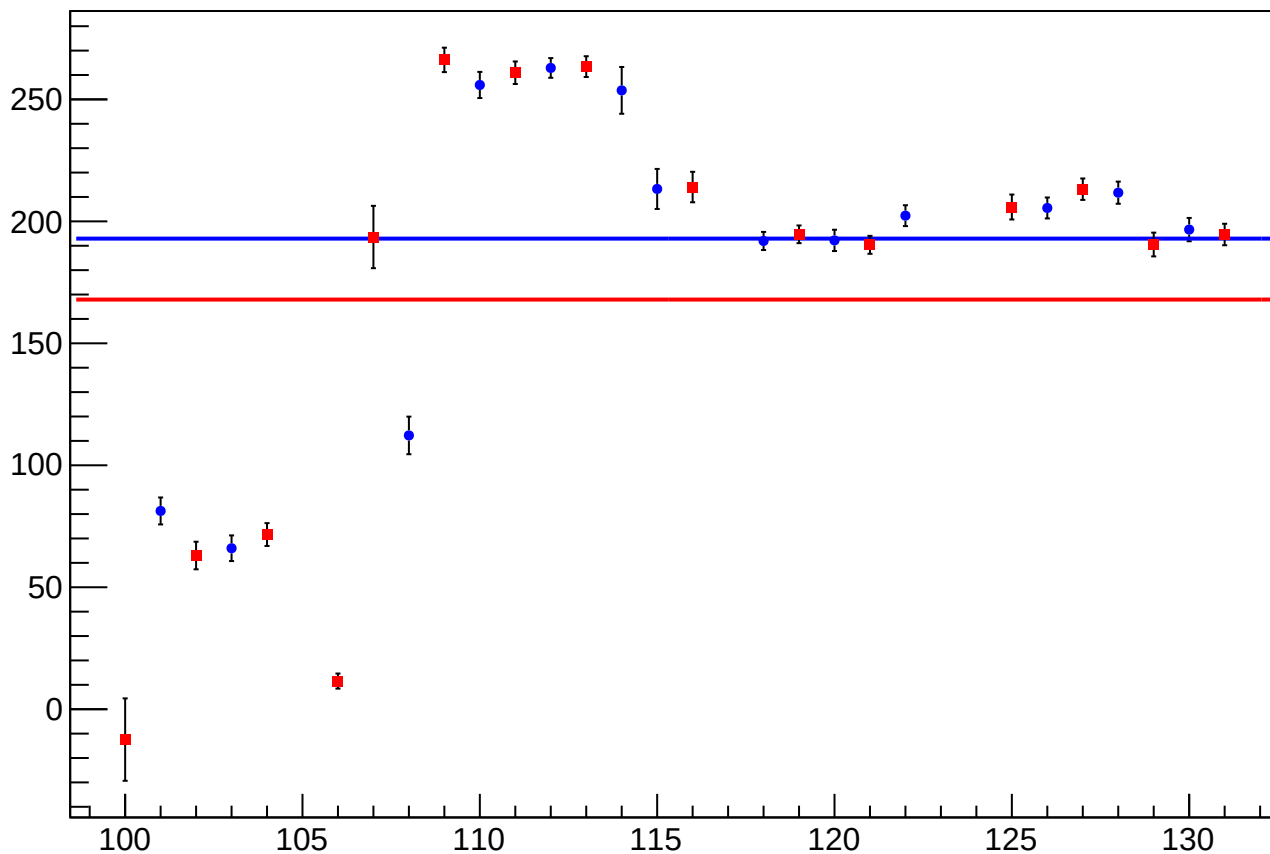
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.960+/-0.803 χ^2/NDF : 195.8/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_avg_diff_bpm4eX_slope vs Slug



Right In: 192.929 $\pm$ 1.368 χ^2 /NDF: 1616.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 167.940 $\pm$ 1.201 χ^2 /NDF: 5108.8/14

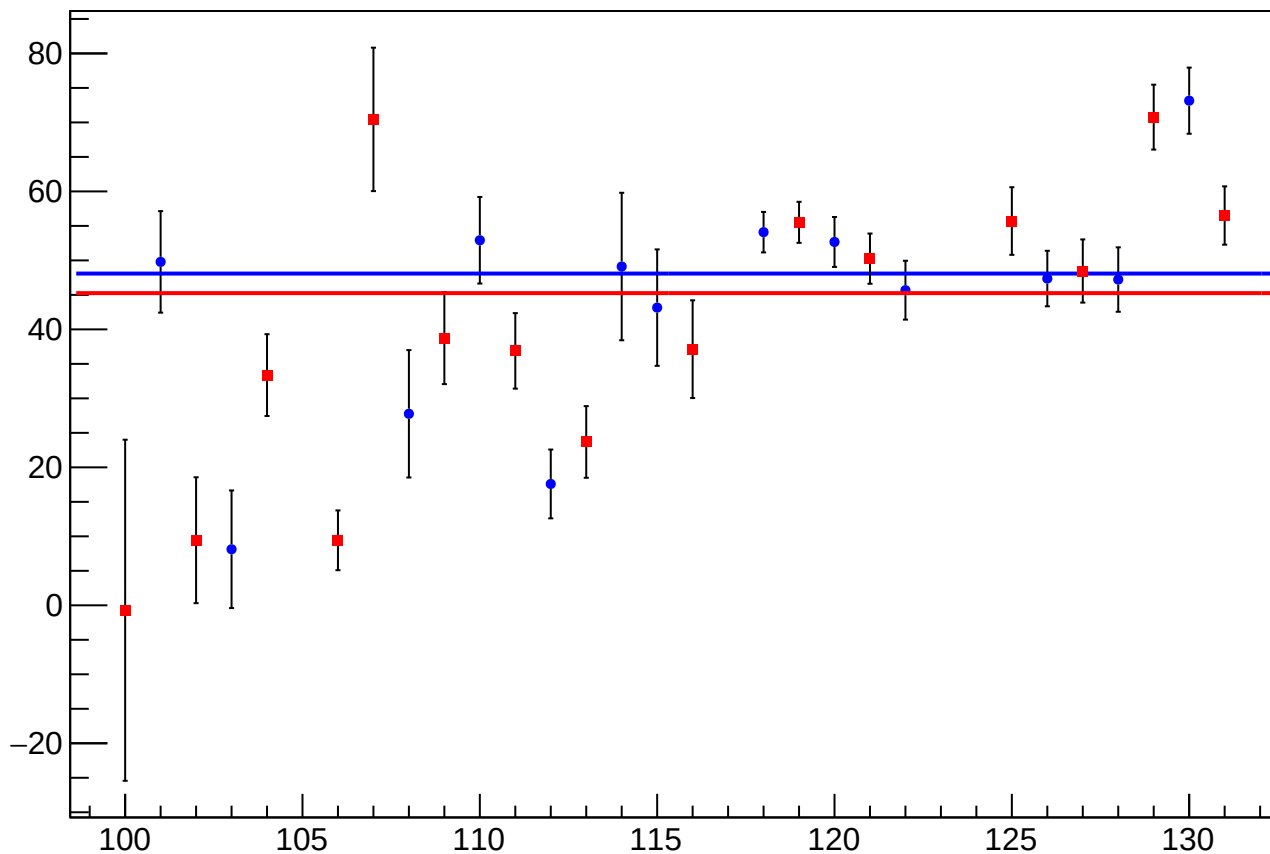
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 178.818 $\pm$ 0.903 χ^2 /NDF: 6913.8/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_avg_diff_bpm4eY_slope vs Slug



Right In: 48.091 $\pm$ 1.372 χ^2 /NDF: 98.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 45.256 $\pm$ 1.295 χ^2 /NDF: 174.4/14

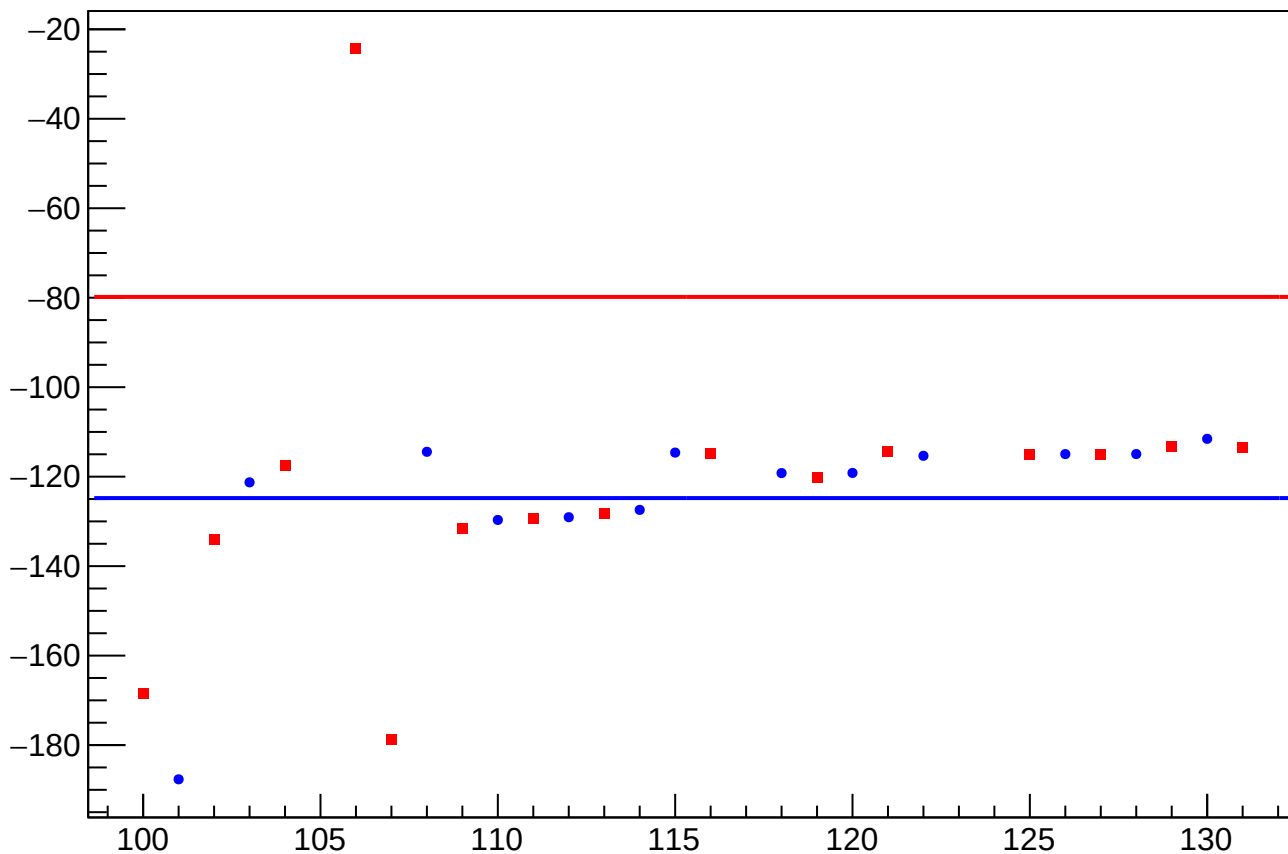
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 46.591 $\pm$ 0.942 χ^2 /NDF: 275.4/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_avg_diff_bpm12X_slope vs Slug



Right In: -124.788+/-0.095 χ^2/NDF : 42386.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -79.820+/-0.068 χ^2/NDF : 552704.4/14

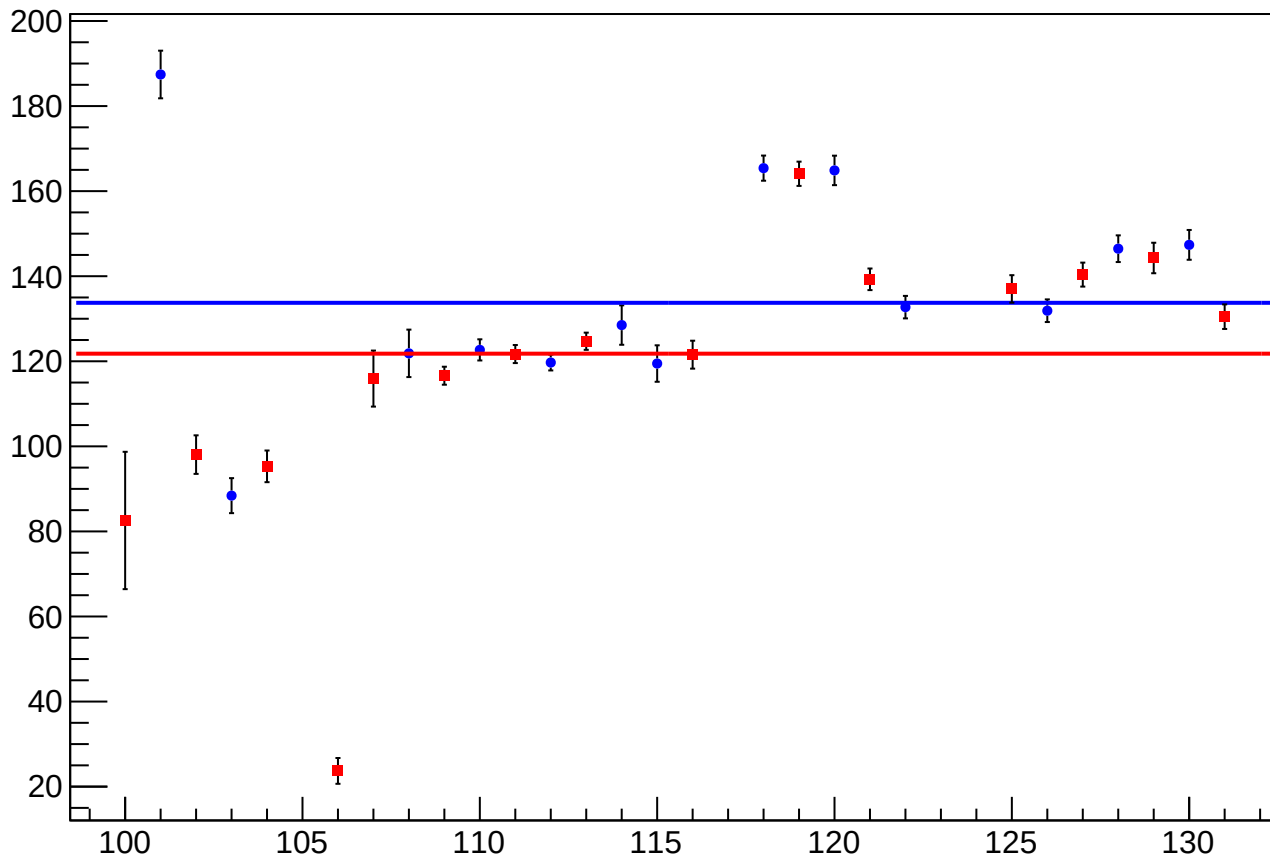
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -95.086+/-0.055 χ^2/NDF : 744164.7/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_diff_bpm1X_slope vs Slug



Right In: 133.746 $\pm$ 0.864 χ^2 /NDF: 534.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 121.788 $\pm$ 0.759 χ^2 /NDF: 1520.7/14

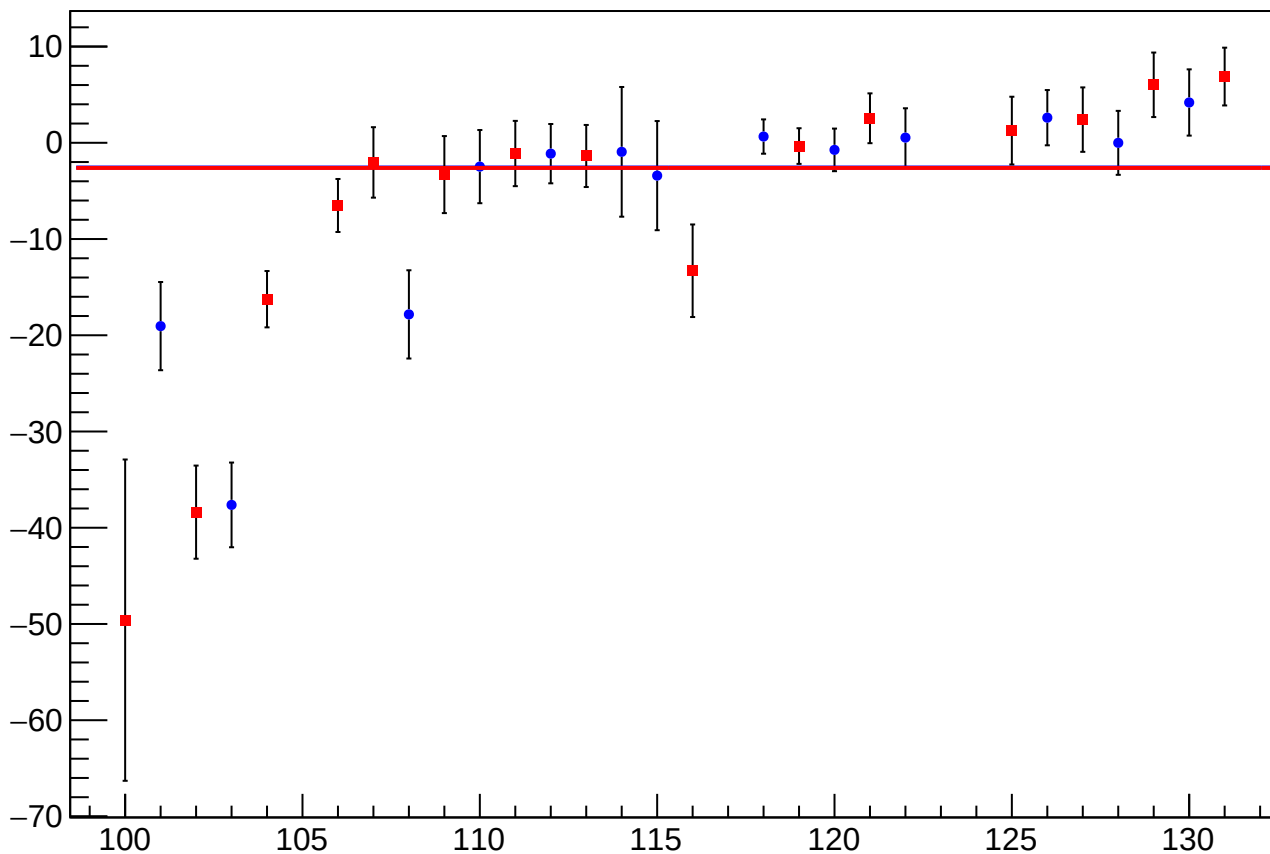
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 126.992 $\pm$ 0.570 χ^2 /NDF: 2163.1/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_dd_diff_bpm4aY_slope vs Slug



Right In: -2.571 ± 0.878 χ^2/NDF : 100.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.612 ± 0.825 χ^2/NDF : 117.2/14

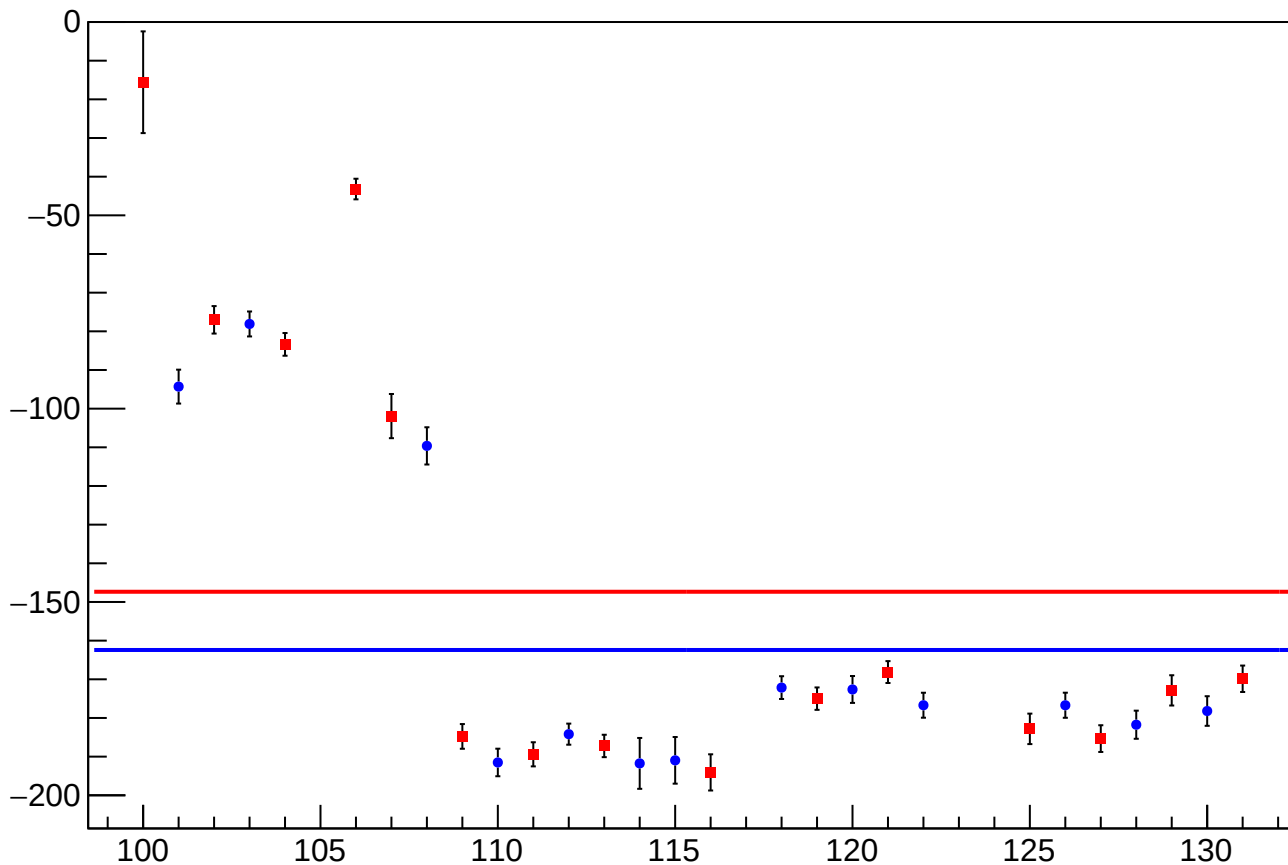
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.593 ± 0.601 χ^2/NDF : 217.6/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_diff_bpm4eX_slope vs Slug



Right In: -162.417+/-1.006 χ^2/NDF : 1320.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -147.356+/-0.884 χ^2/NDF : 3598.9/14

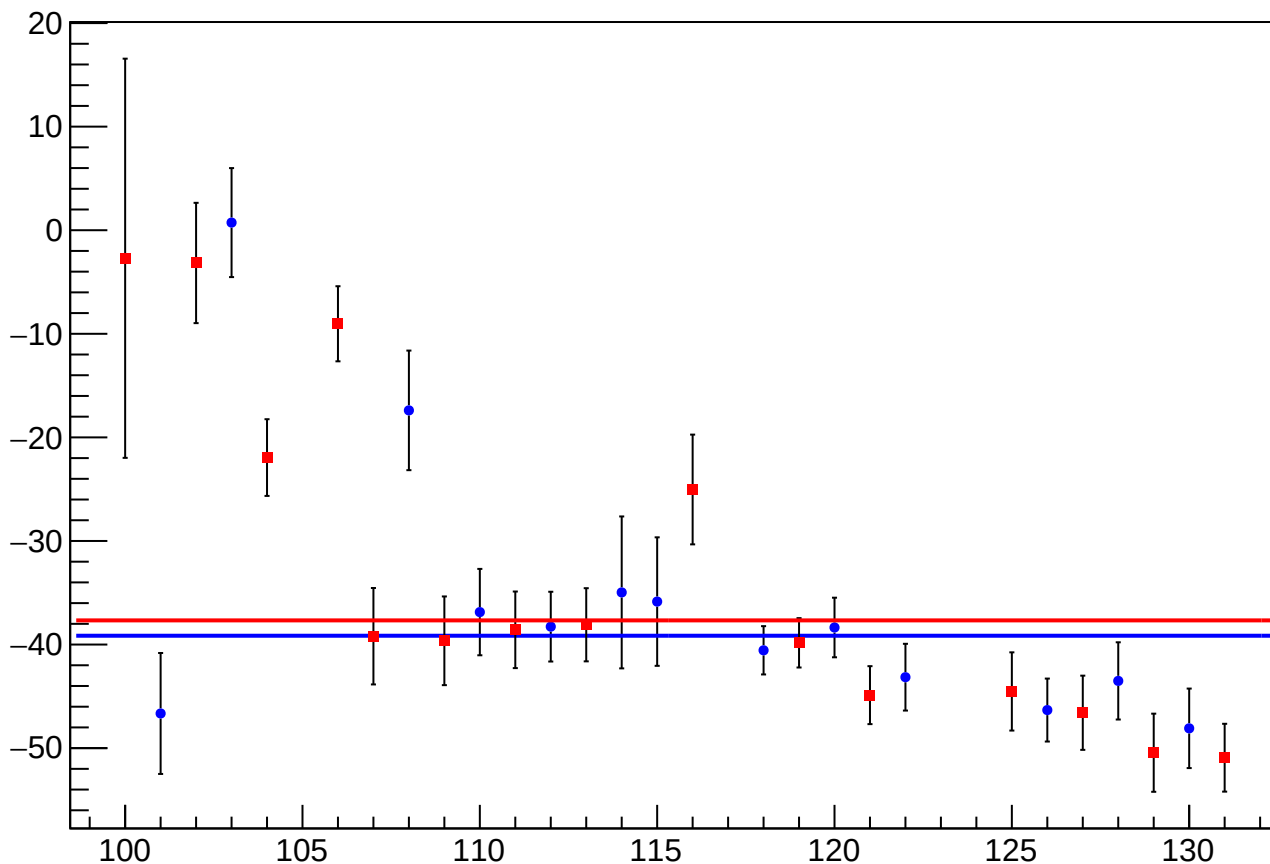
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -153.912+/-0.664 χ^2/NDF : 5045.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_diff_bpm4eY_slope vs Slug



Right In: -39.149 ± 1.034 $\chi^2/\text{NDF}: 88.6/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -37.667 ± 0.959 $\chi^2/\text{NDF}: 170.0/14$

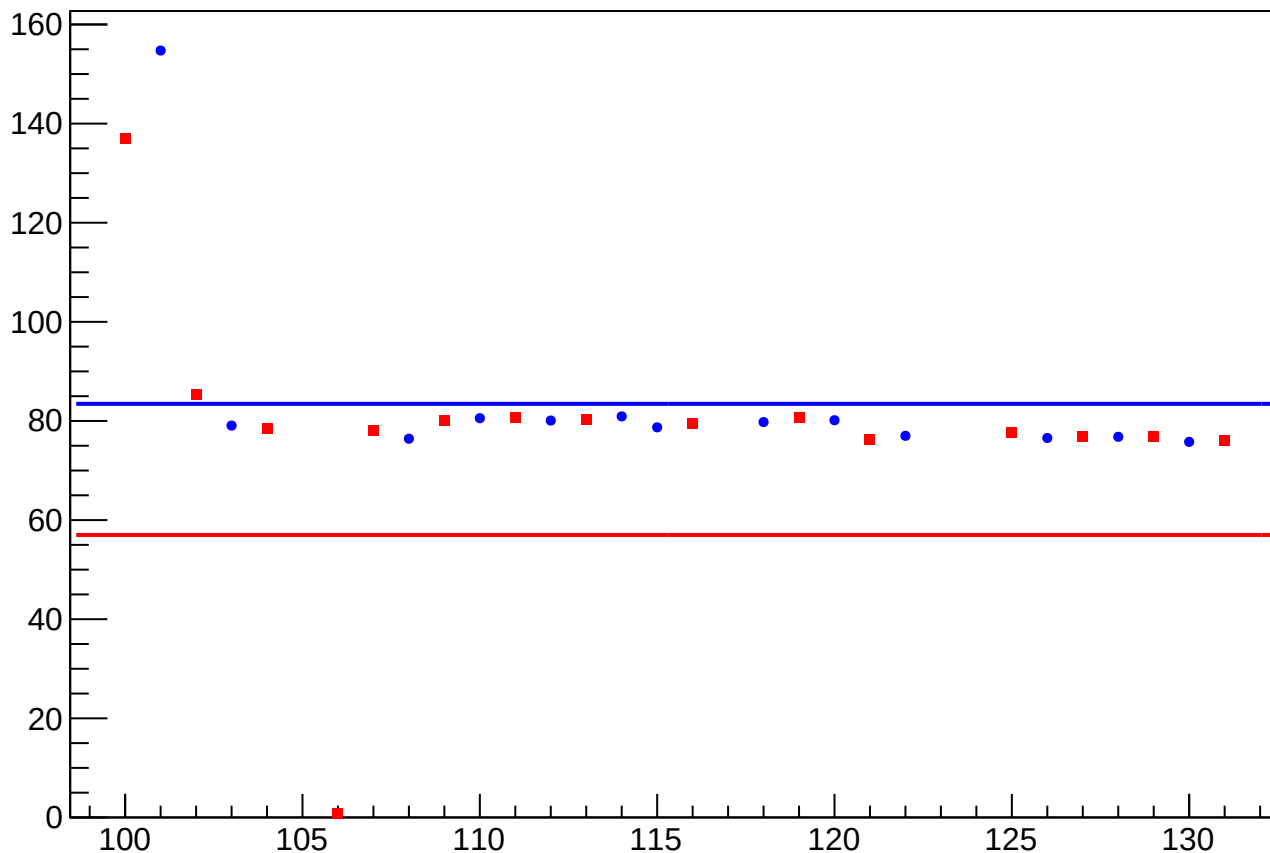
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -38.352 ± 0.703 $\chi^2/\text{NDF}: 259.7/27$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_usl_atl2_dd_diff_bpm12X_slope vs Slug



Right In: 83.458+/-0.067 χ^2/NDF : 79797.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.998+/-0.052 χ^2/NDF : 488659.7/14

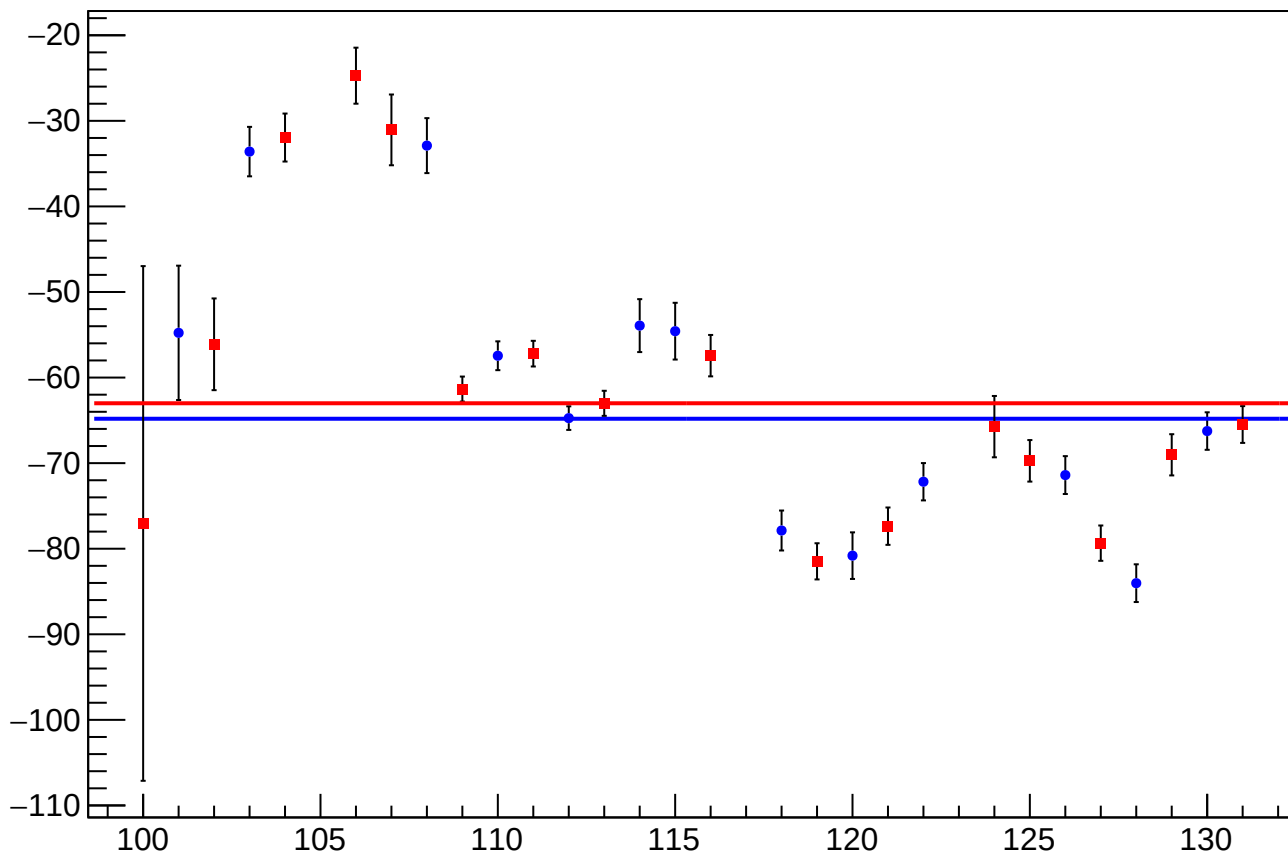
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.975+/-0.041 χ^2/NDF : 665473.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_avg_diff_bpm1X_slope vs Slug



Right In: -64.812 $\pm$ 0.638 χ^2 /NDF: 420.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -63.003 $\pm$ 0.562 χ^2 /NDF: 540.7/15

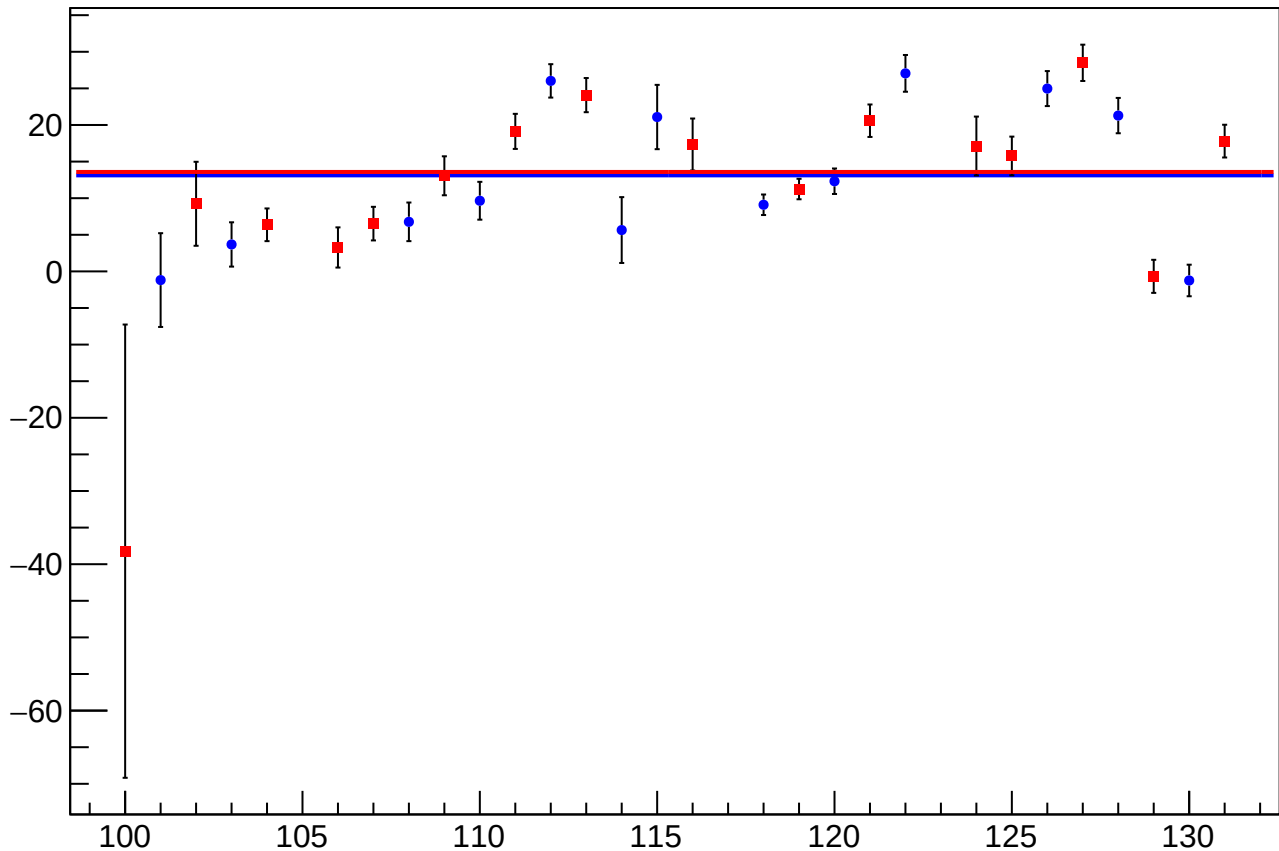
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -63.793 $\pm$ 0.422 χ^2 /NDF: 965.8/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_avg_diff_bpm4aY_slope vs Slug



Right In: 13.118 $\pm$ 0.662 χ^2 /NDF: 180.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.585 $\pm$ 0.619 χ^2 /NDF: 157.9/15

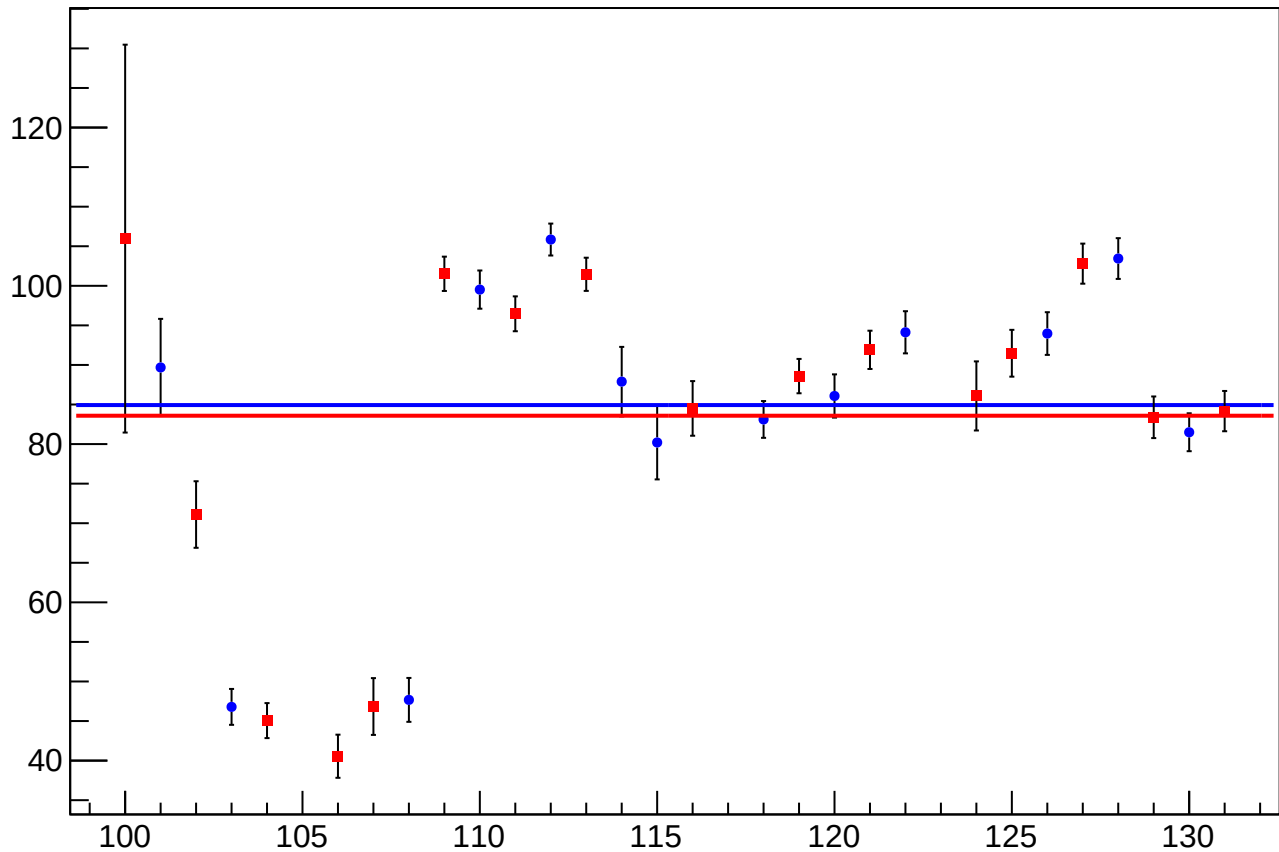
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.367 $\pm$ 0.452 χ^2 /NDF: 338.1/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_avg_diff_bpm4eX_slope vs Slug



Right In: 84.930+/-0.748 χ^2/NDF : 686.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.584+/-0.673 χ^2/NDF : 924.9/15

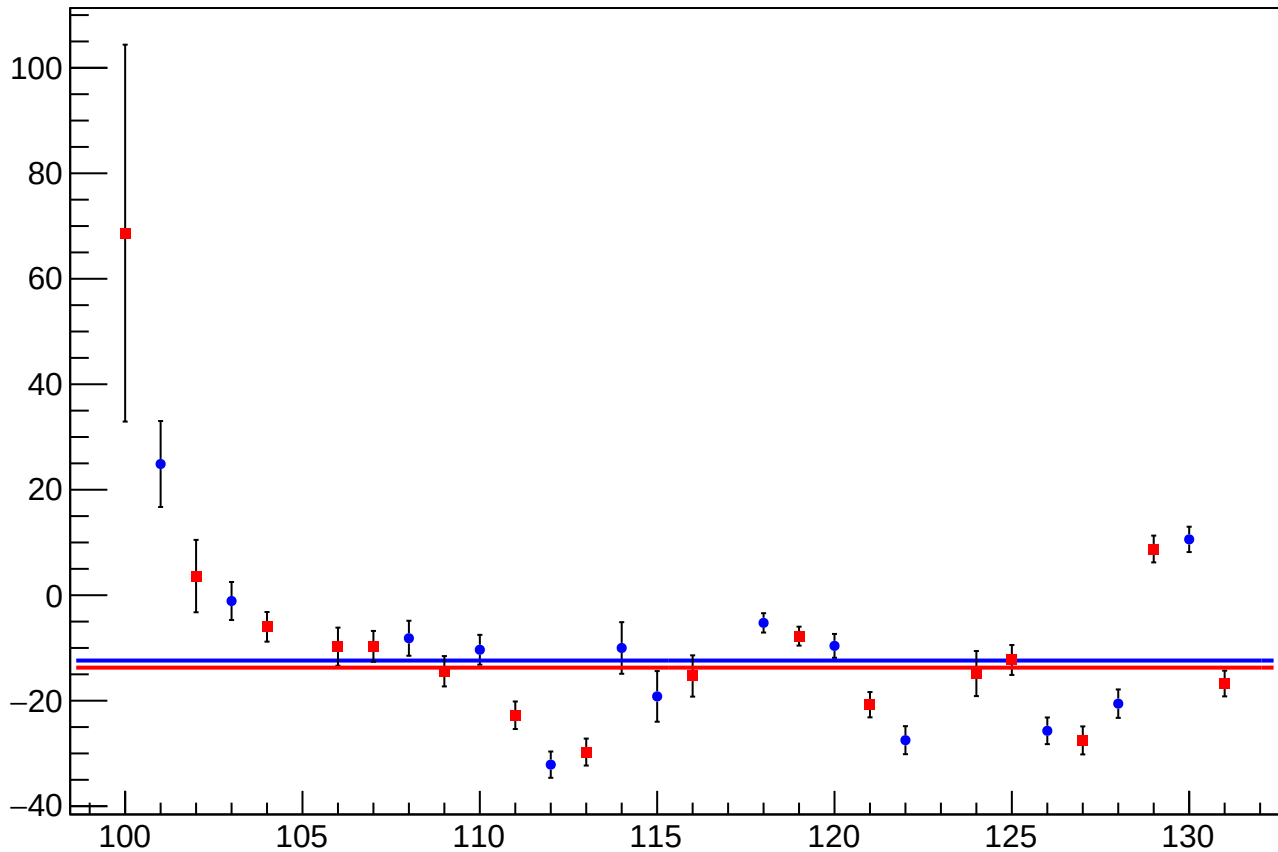
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.186+/-0.500 χ^2/NDF : 1613.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_avg_diff_bpm4eY_slope vs Slug



Right In: -12.388 $\pm$ 0.777 χ^2 /NDF: 275.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -13.730 $\pm$ 0.715 χ^2 /NDF: 200.8/15

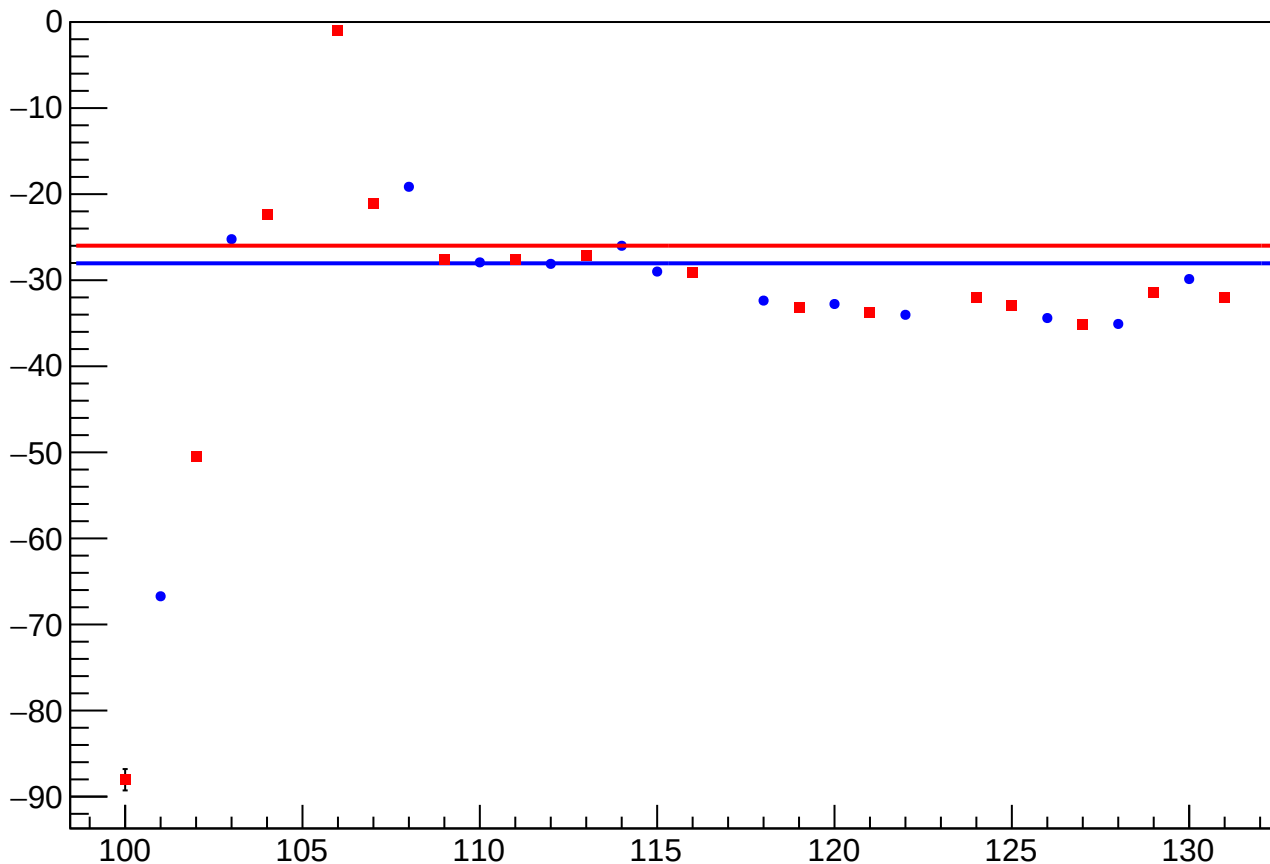
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -13.115 $\pm$ 0.526 χ^2 /NDF: 477.7/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_avg_diff_bpm12X_slope vs Slug



Right In: -28.037 ± 0.048 χ^2/NDF : 22483.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -25.987 ± 0.044 χ^2/NDF : 70848.0/15

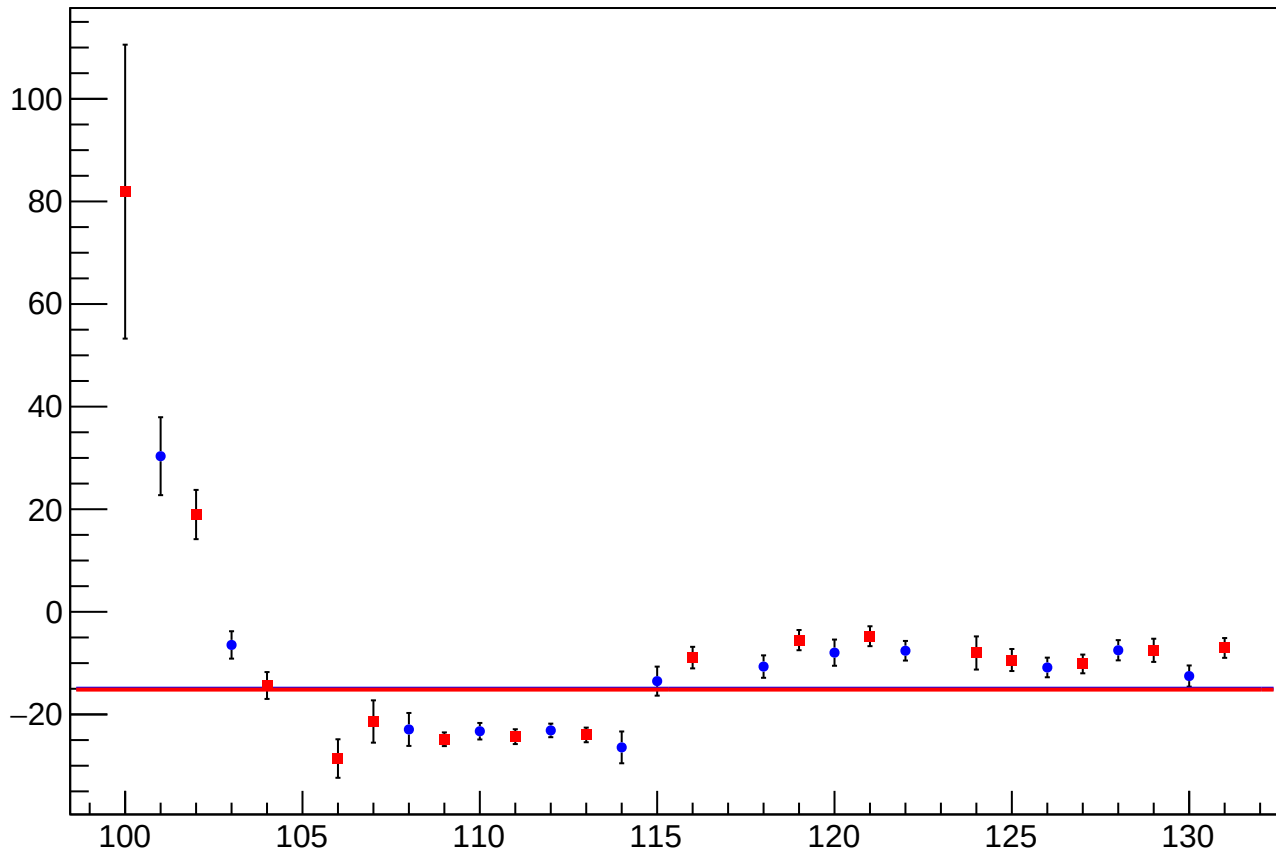
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -26.912 ± 0.033 χ^2/NDF : 94313.5/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_diff_bpm1X_slope vs Slug



Right In: -14.987 ± 0.593 $\chi^2/\text{NDF}: 177.1/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -15.161 ± 0.521 $\chi^2/\text{NDF}: 319.0/15$

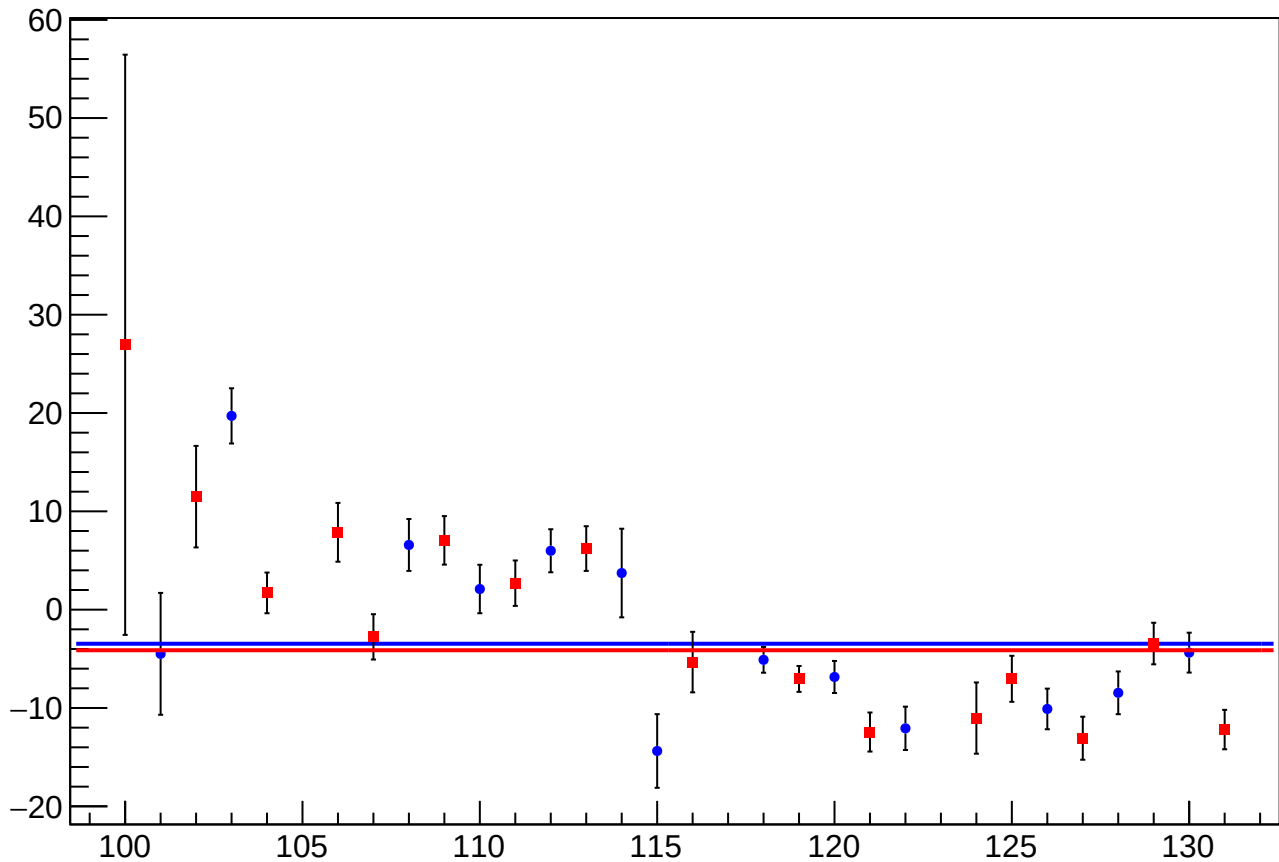
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -15.085 ± 0.392 $\chi^2/\text{NDF}: 496.1/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_usr_atr1_dd_diff_bpm4aY_slope vs Slug



Right In: -3.466+/-0.615 χ^2/NDF : 154.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.127+/-0.578 χ^2/NDF : 145.4/15

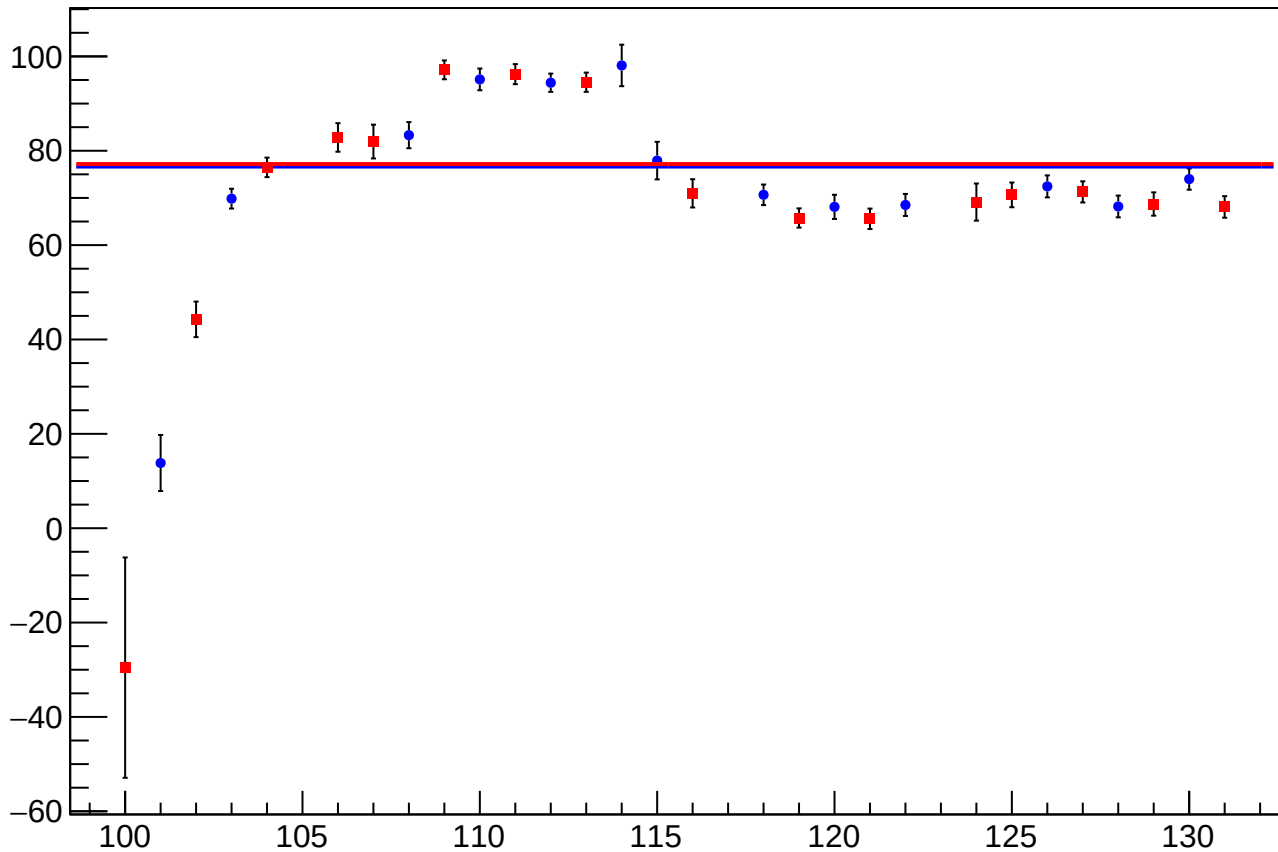
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.817+/-0.421 χ^2/NDF : 300.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_diff_bpm4eX_slope vs Slug



Right In: 76.653+/-0.695 χ^2/NDF : 349.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.180+/-0.628 χ^2/NDF : 464.9/15

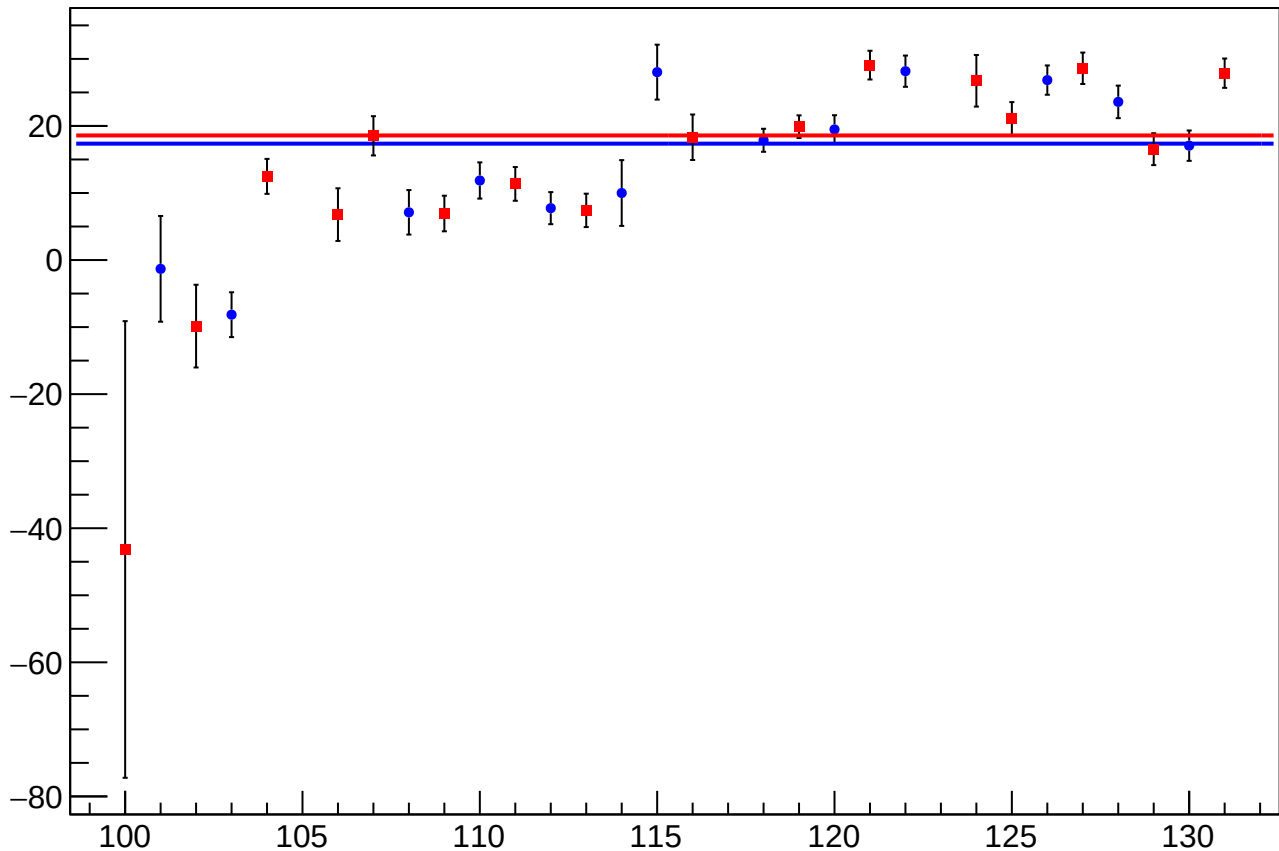
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.944+/-0.466 χ^2/NDF : 814.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs Slug



Right In: 17.361+/-0.720 χ^2/NDF : 150.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.583+/-0.664 χ^2/NDF : 153.8/15

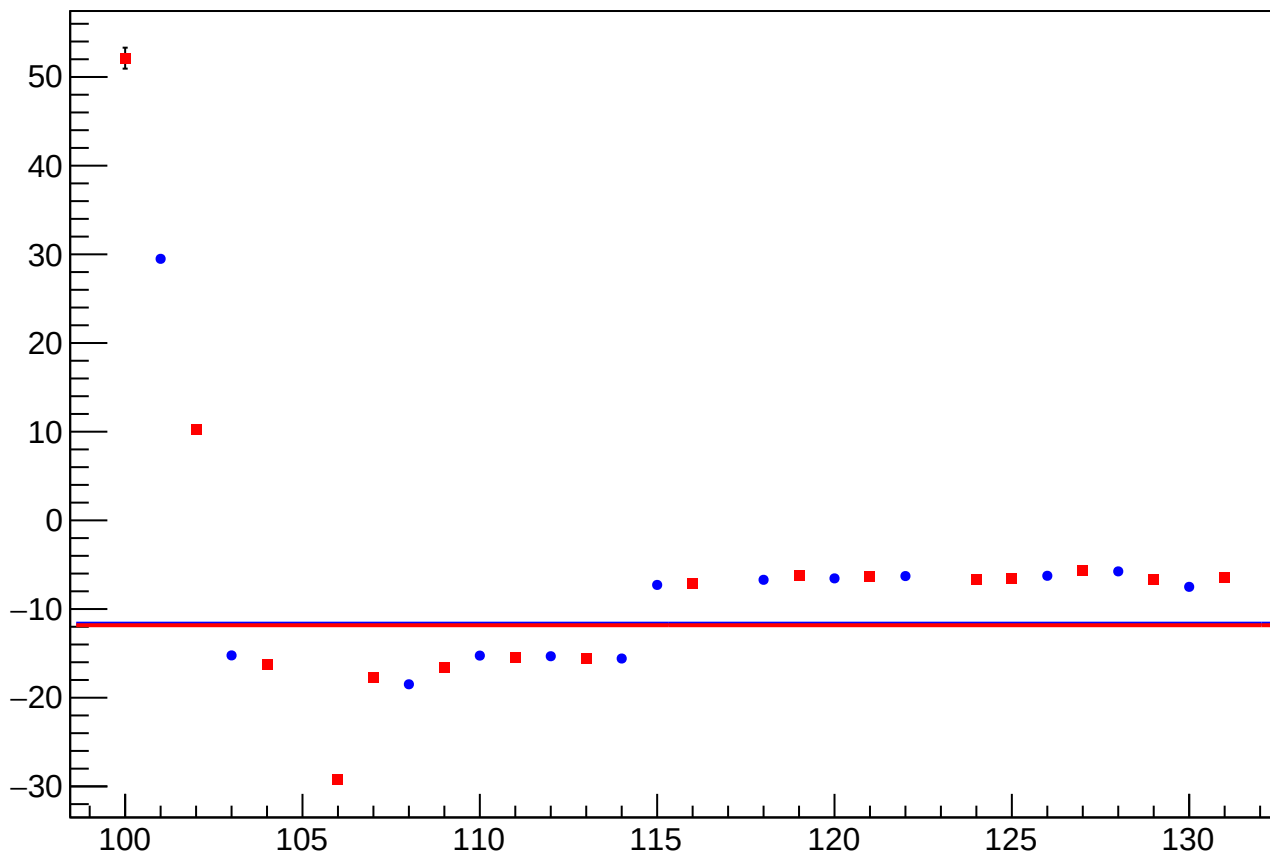
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.021+/-0.488 χ^2/NDF : 306.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_diff_bpm12X_slope vs Slug



Right In: -11.651 ± 0.045 χ^2/NDF : 25044.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.825 ± 0.042 χ^2/NDF : 47432.1/15

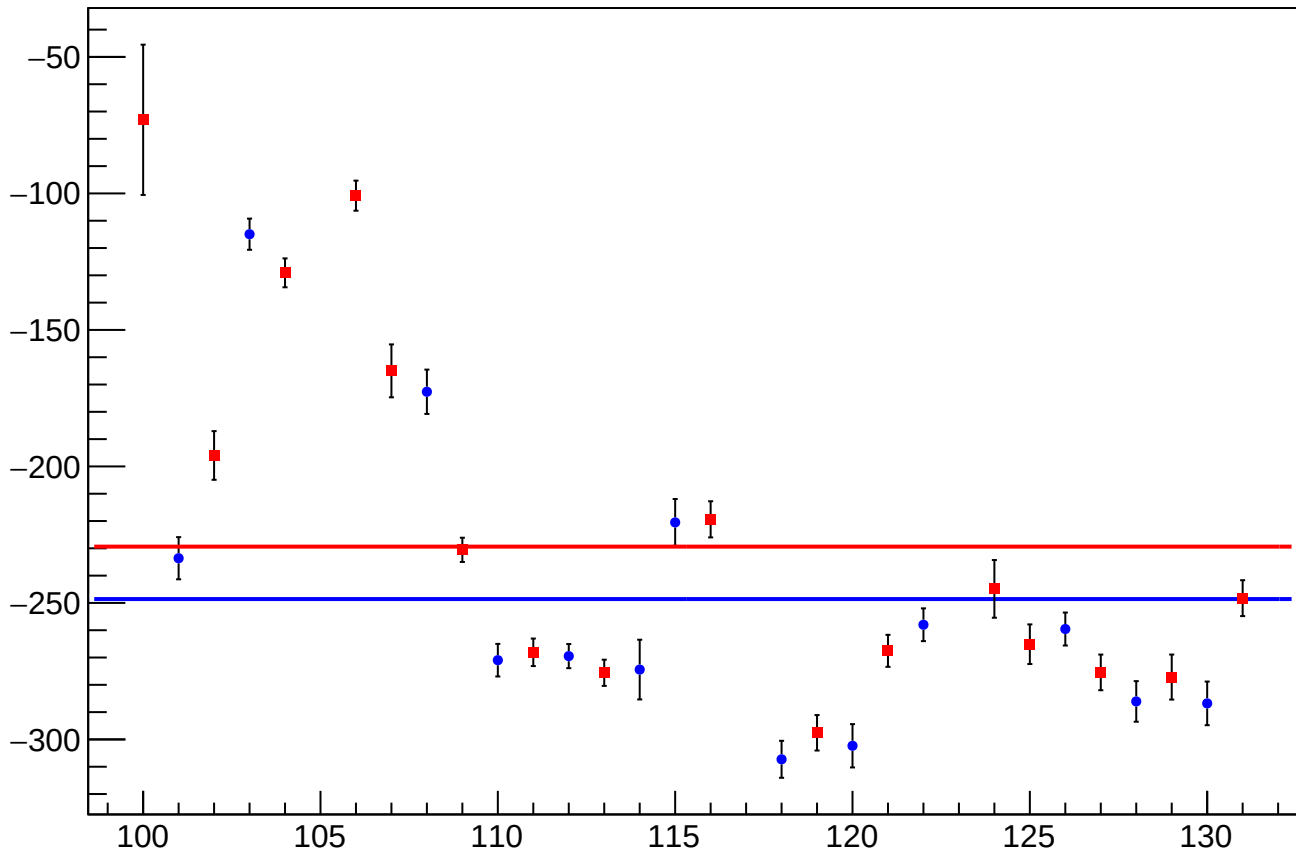
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.745 ± 0.031 χ^2/NDF : 72484.0/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_avg_diff_bpm1X_slope vs Slug



Right In: -248.583+/-1.856 χ^2/NDF : 867.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -229.377+/-1.598 χ^2/NDF : 1418.5/15

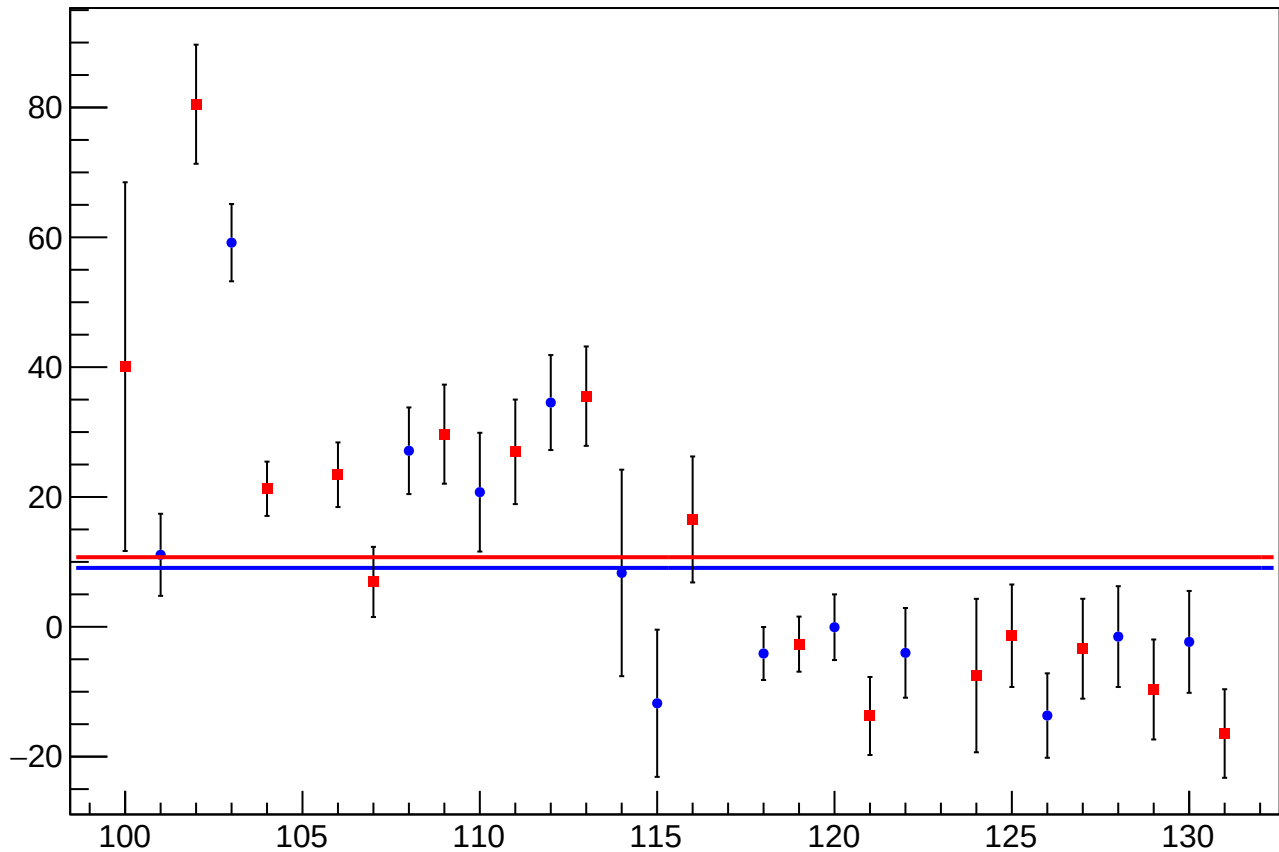
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -237.556+/-1.211 χ^2/NDF : 2347.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_avg_diff_bpm4aY_slope vs Slug



Right In: 9.076+/-1.843 χ^2/NDF : 128.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.723+/-1.651 χ^2/NDF : 150.9/15

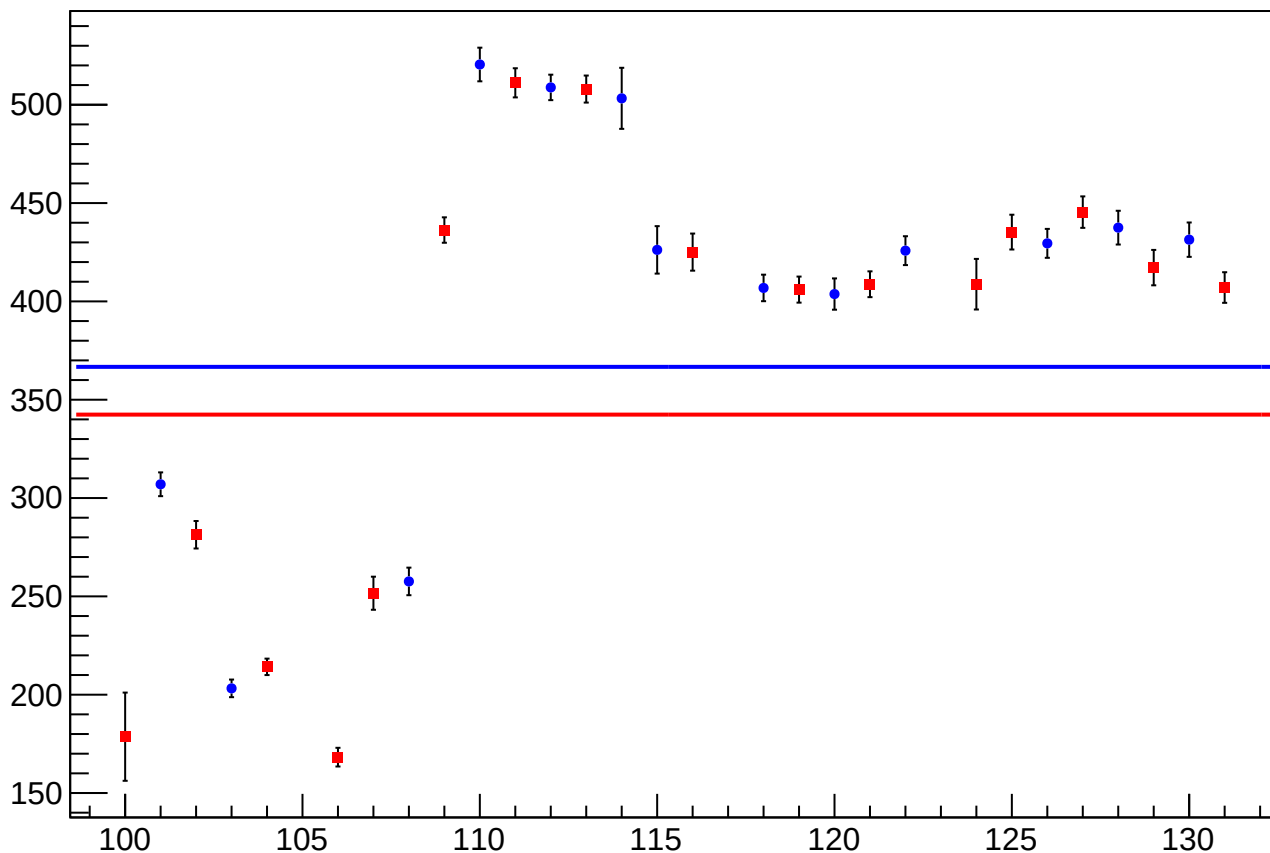
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.990+/-1.230 χ^2/NDF : 280.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_avg_diff_bpm4eX_slope vs Slug



Right In: 366.711+/-2.010 χ^2/NDF : 2895.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 342.427+/-1.762 χ^2/NDF : 4552.2/15

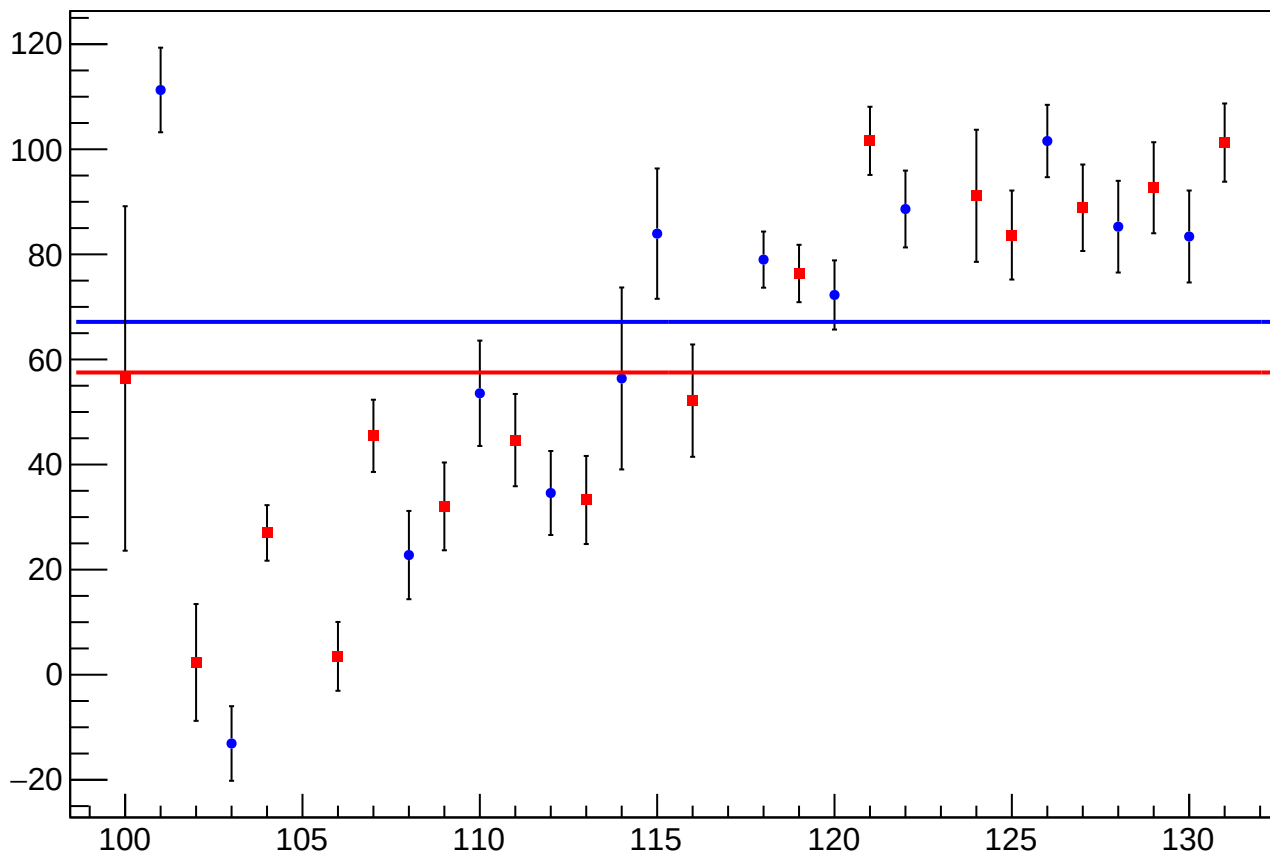
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 352.983+/-1.325 χ^2/NDF : 7530.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_avg_diff_bpm4eY_slope vs Slug



Right In: 67.150+/-2.188 χ^2/NDF : 253.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.521+/-1.949 χ^2/NDF : 289.5/15

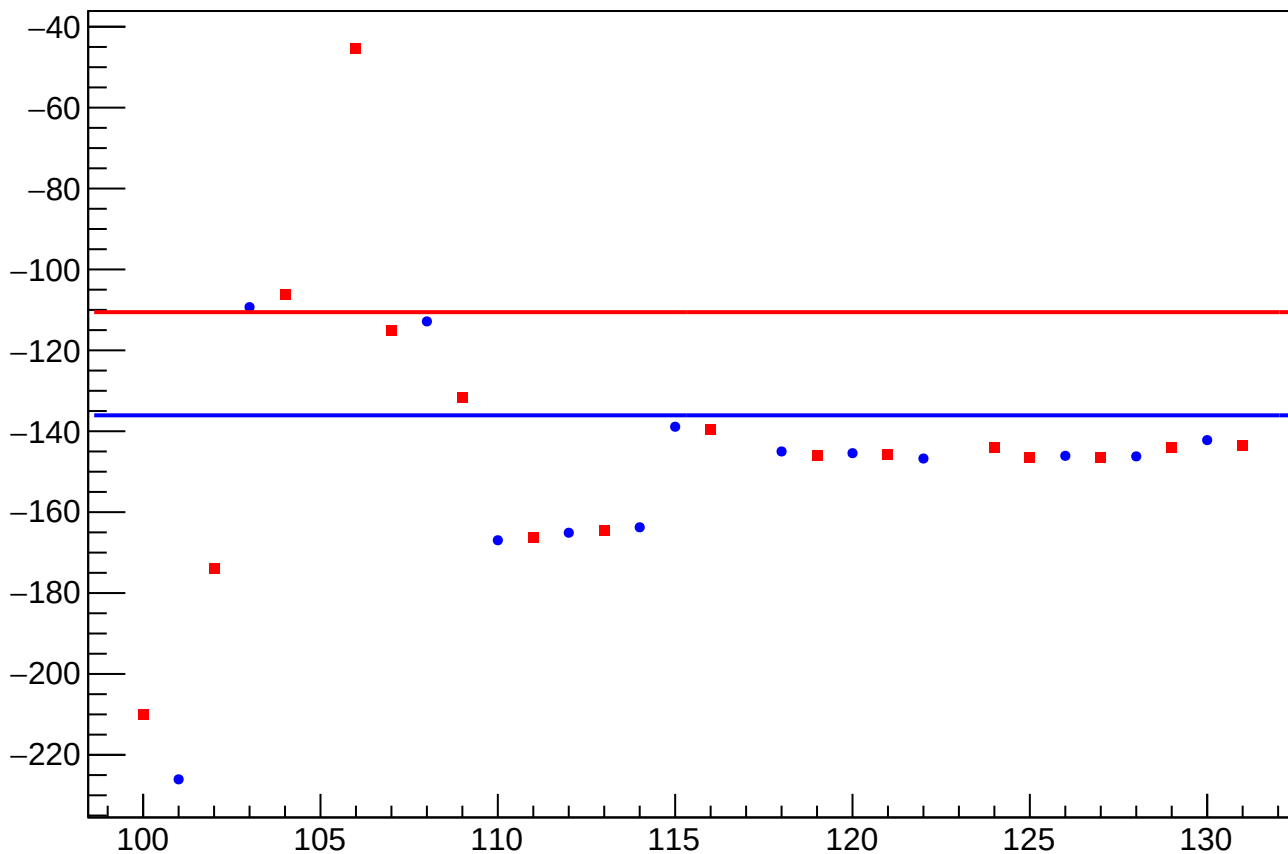
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.782+/-1.455 χ^2/NDF : 553.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_avg_diff_bpm12X_slope vs Slug



Right In: -136.066+/-0.118 χ^2/NDF : 96304.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -110.559+/-0.098 χ^2/NDF : 215122.6/15

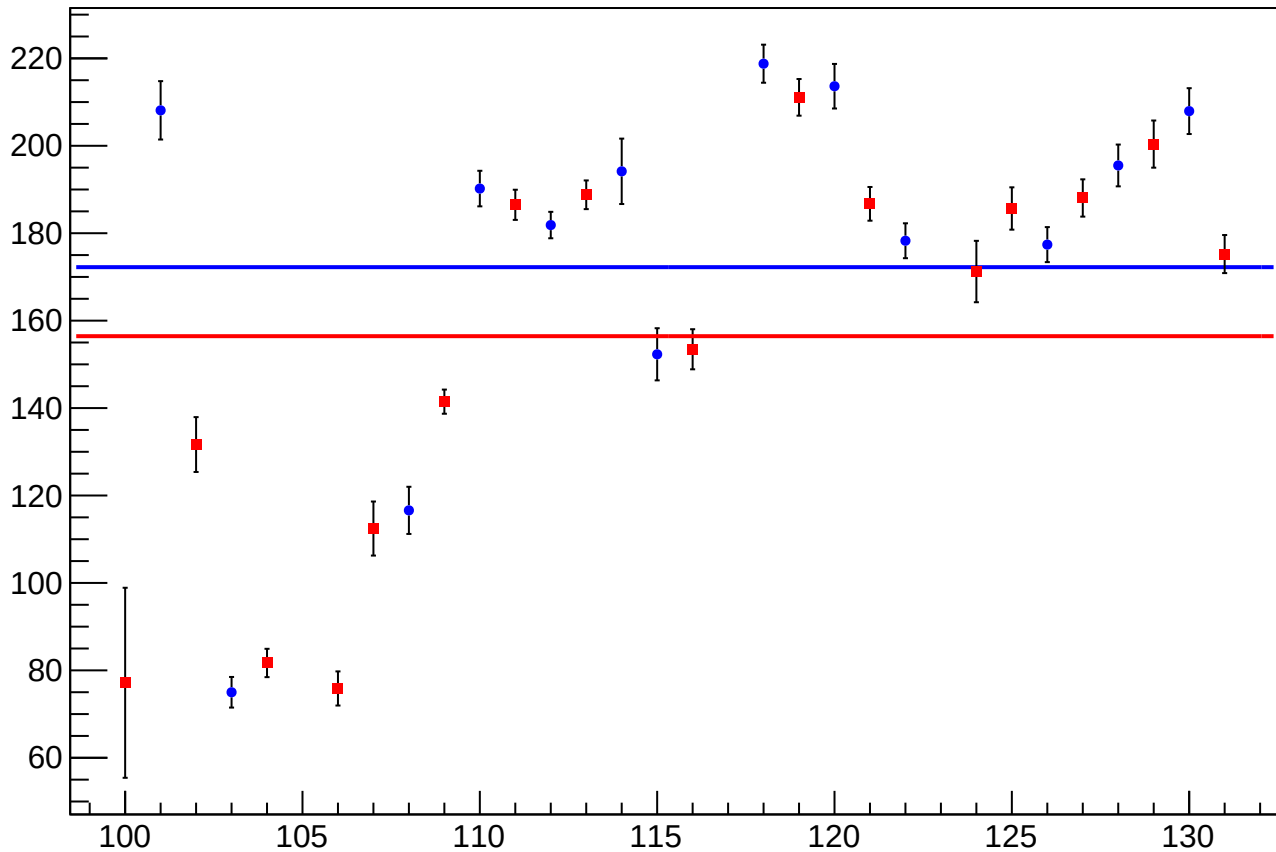
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -121.044+/-0.075 χ^2/NDF : 339150.6/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_diff_bpm1X_slope vs Slug



Right In: 172.236 $\pm$ 1.240 χ^2 /NDF: 1209.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 156.447 $\pm$ 1.055 χ^2 /NDF: 1653.0/15

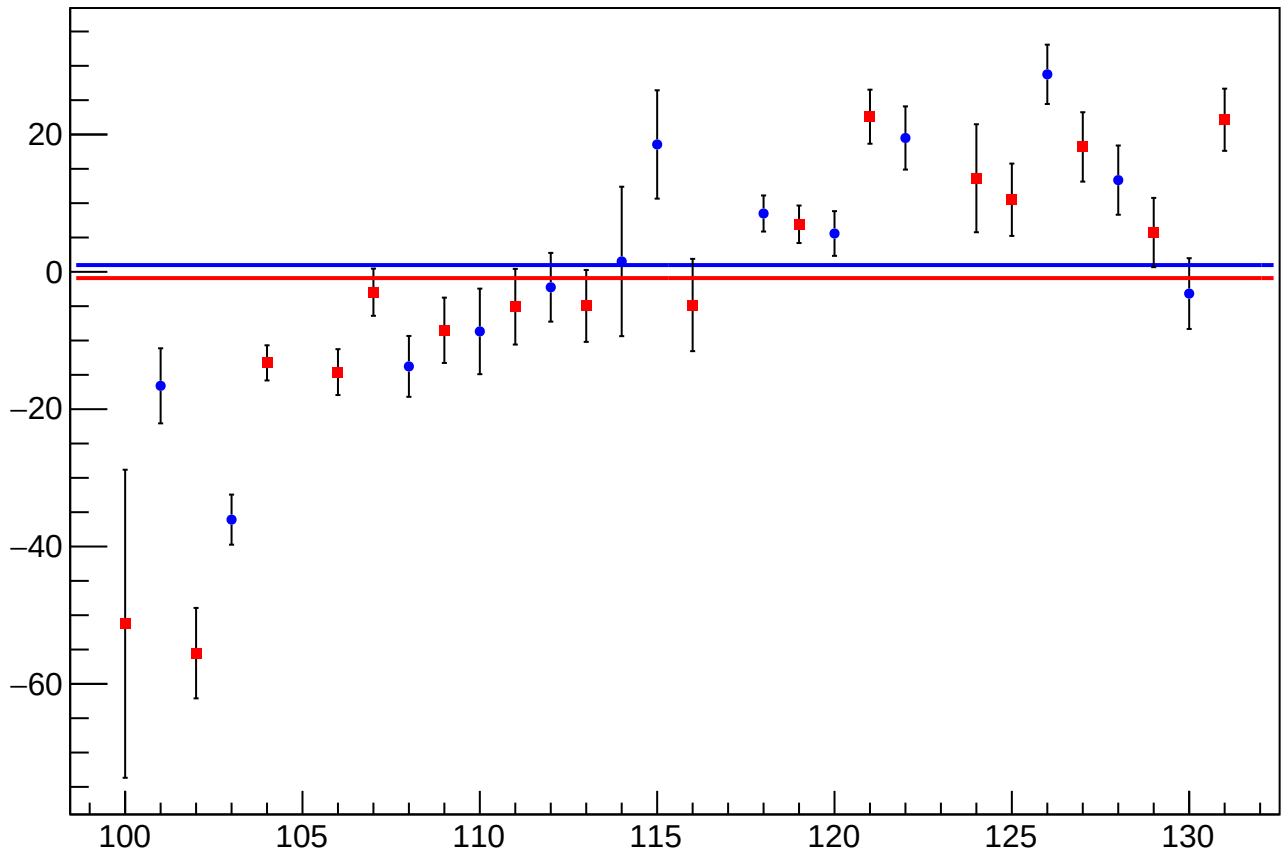
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 163.074 $\pm$ 0.803 χ^2 /NDF: 2956.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_dd_diff_bpm4aY_slope vs Slug



Right In: 0.986 ± 1.224 χ^2/NDF : 206.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.911 ± 1.075 χ^2/NDF : 212.3/15

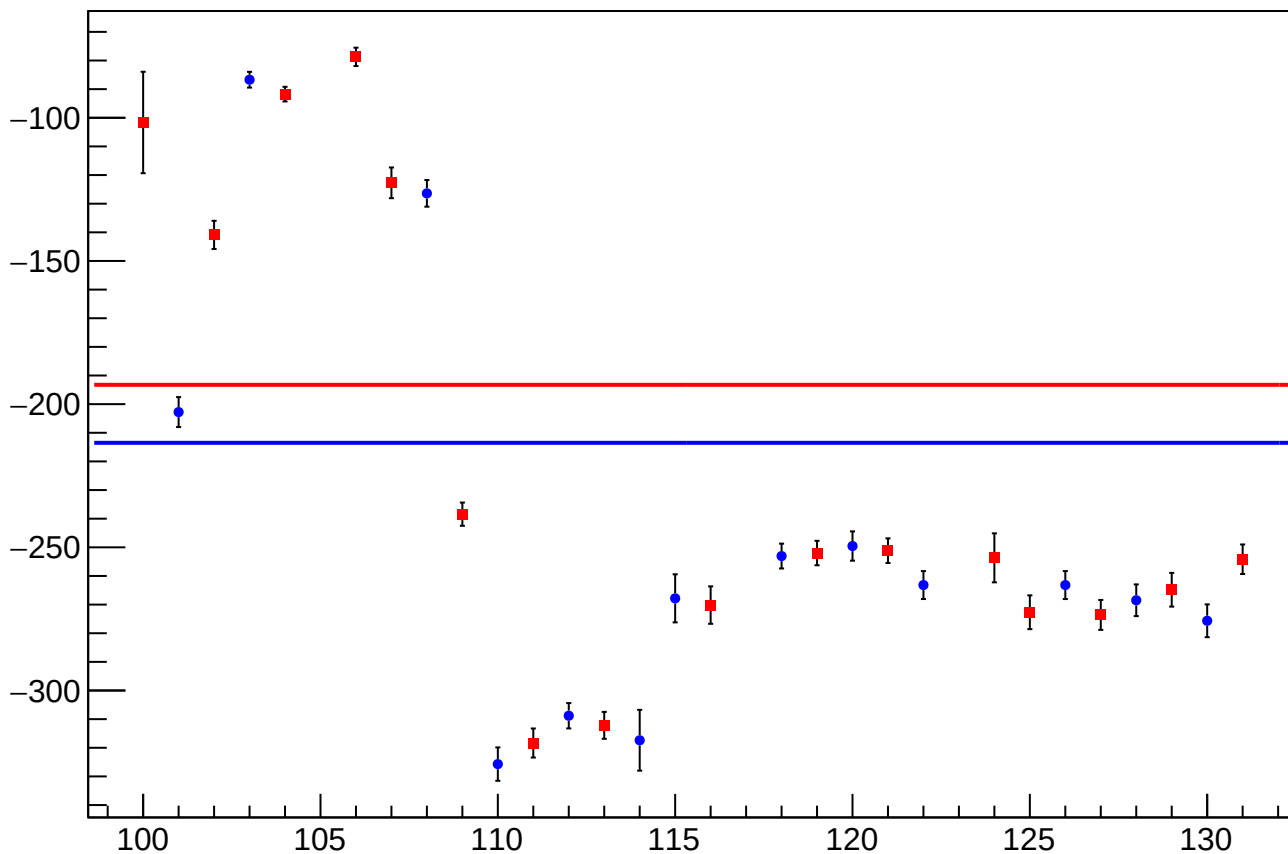
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.086 ± 0.808 χ^2/NDF : 420.5/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_diff_bpm4eX_slope vs Slug



Right In: -213.505+/-1.340 χ^2 /NDF: 4010.0/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -193.249+/-1.153 χ^2 /NDF: 5799.5/15

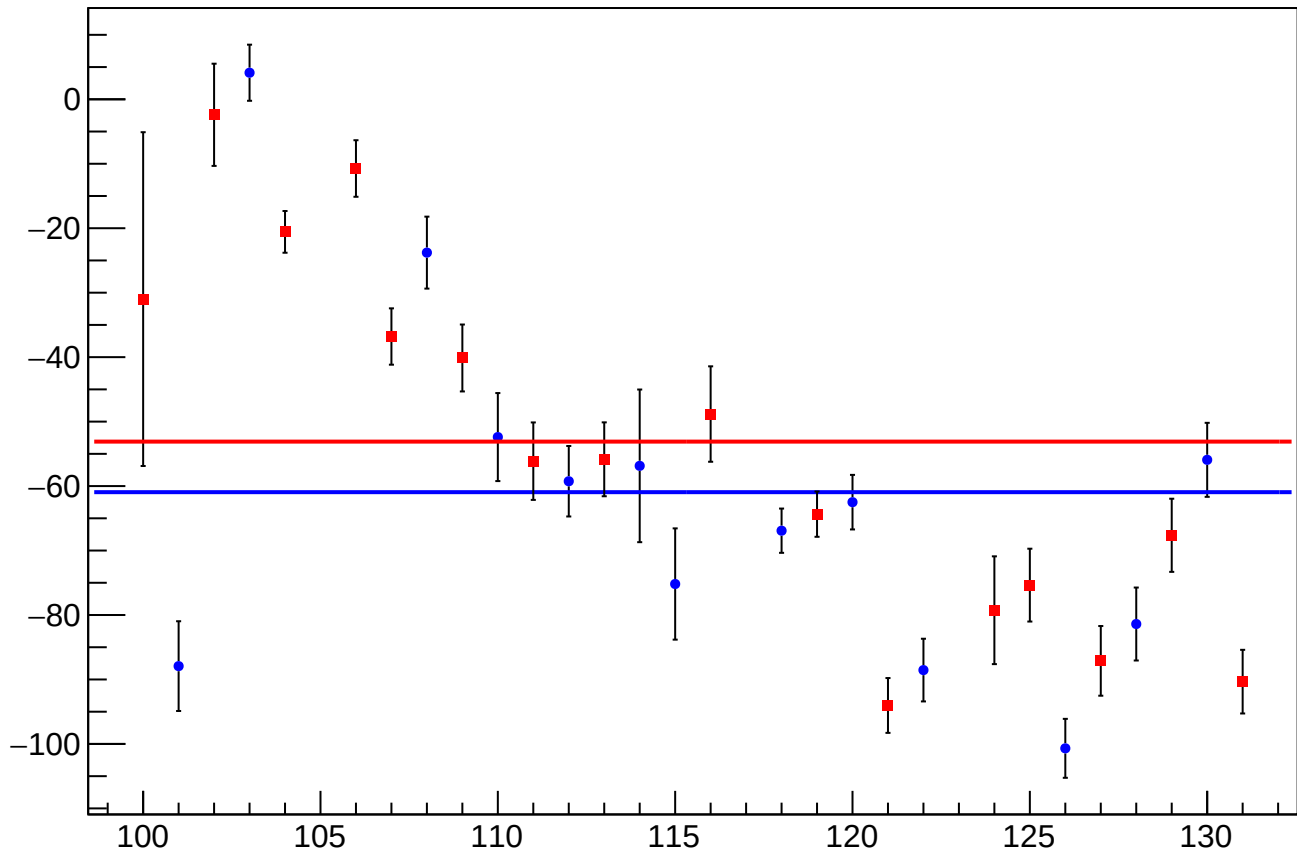
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -201.868+/-0.874 χ^2 /NDF: 9940.8/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_dd_diff_bpm4eY_slope vs Slug



Right In: -60.945+/-1.454 χ^2/NDF : 412.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -53.101+/-1.271 χ^2/NDF : 488.1/15

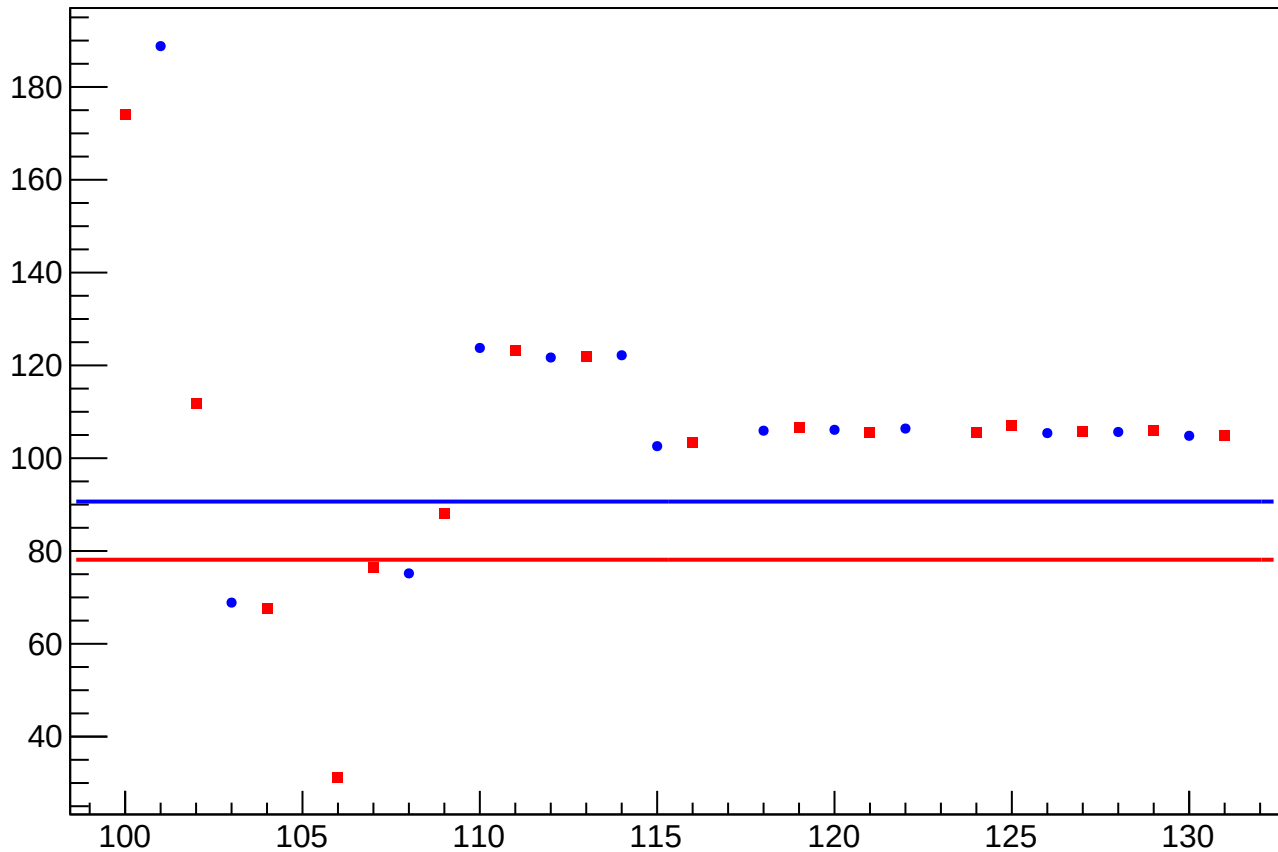
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.500+/-0.957 χ^2/NDF : 916.7/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_diff_bpm12X_slope vs Slug



Right In: 90.654+/-0.077 χ^2/NDF : 164814.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.119+/-0.067 χ^2/NDF : 204466.9/15

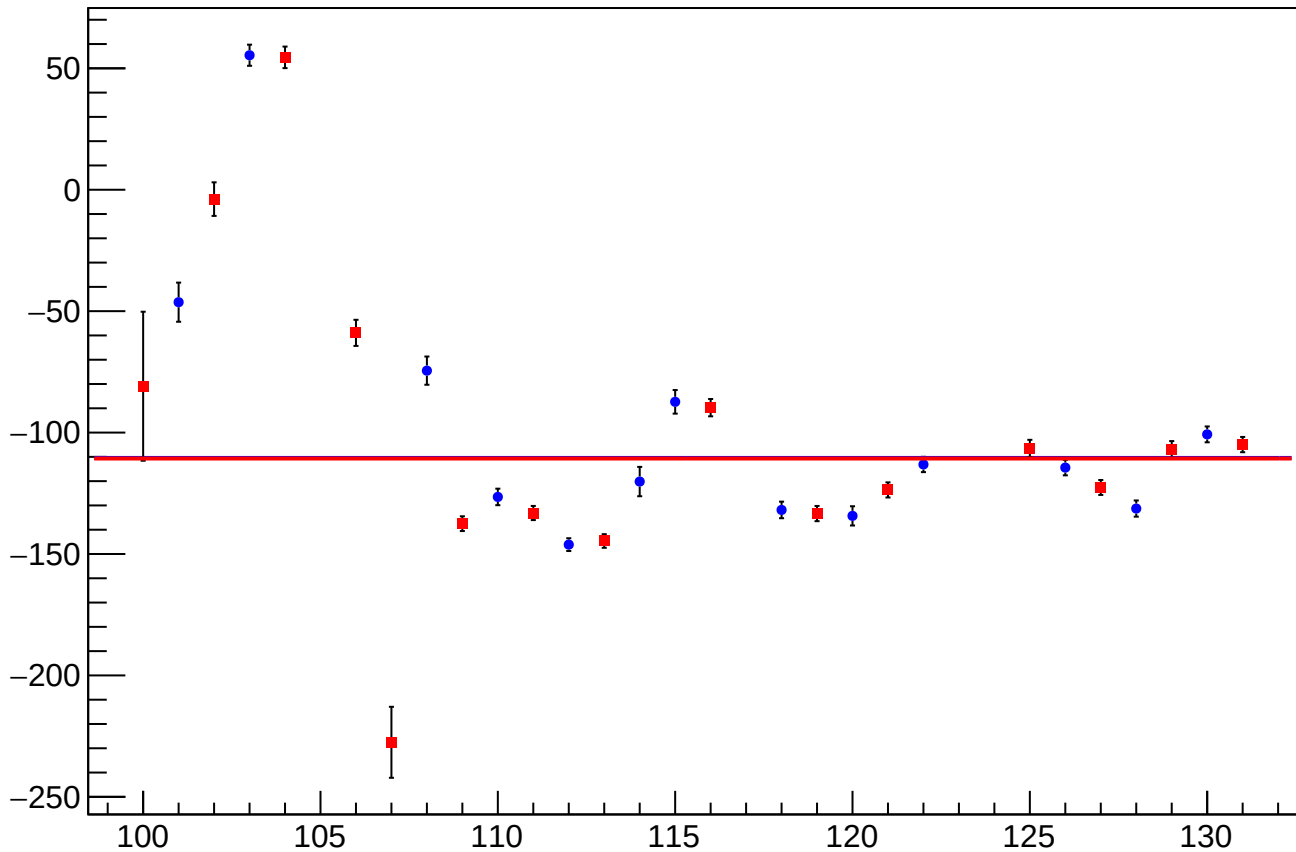
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.466+/-0.050 χ^2/NDF : 384430.7/28

- 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: -110.448+/-1.036 χ^2/NDF : 1911.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -110.681+/-0.946 χ^2/NDF : 2192.5/14

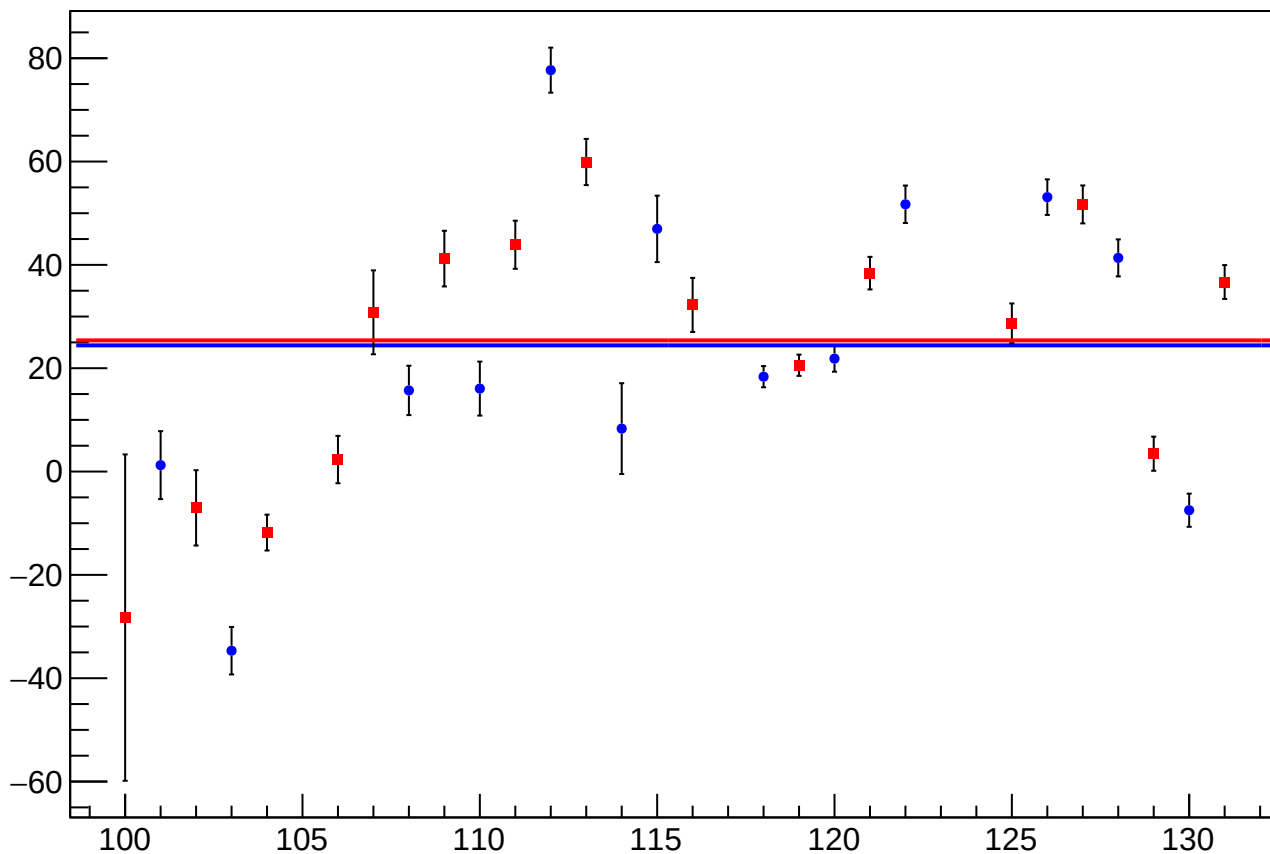
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -110.575+/-0.699 χ^2/NDF : 4104.2/27

- 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: 24.420 $\pm$ 1.015 χ^2 /NDF: 606.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.384 $\pm$ 1.002 χ^2 /NDF: 379.5/14

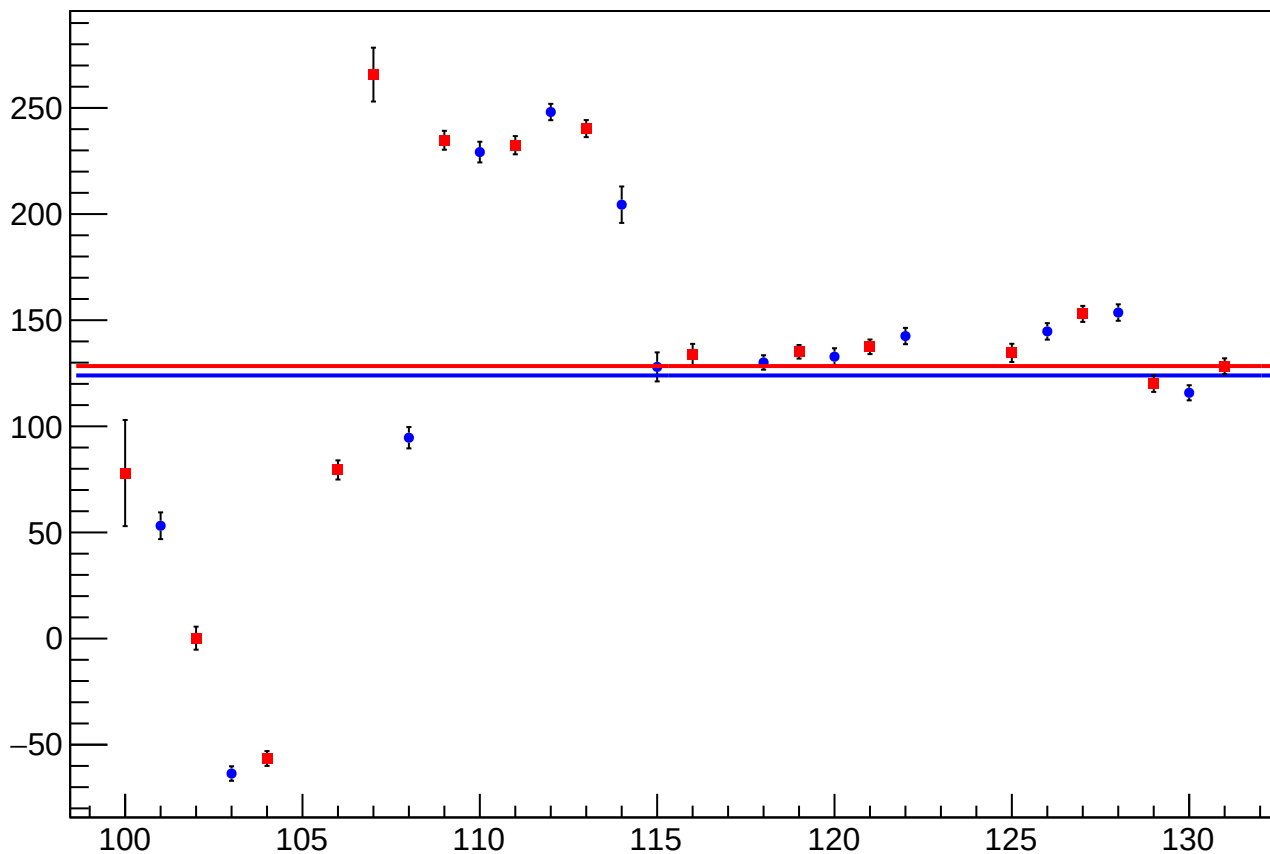
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.909 $\pm$ 0.713 χ^2 /NDF: 986.0/27

- 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: 123.967 $\pm$ 1.175 χ^2 /NDF: 4890.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 128.392 $\pm$ 1.101 χ^2 /NDF: 5589.5/14

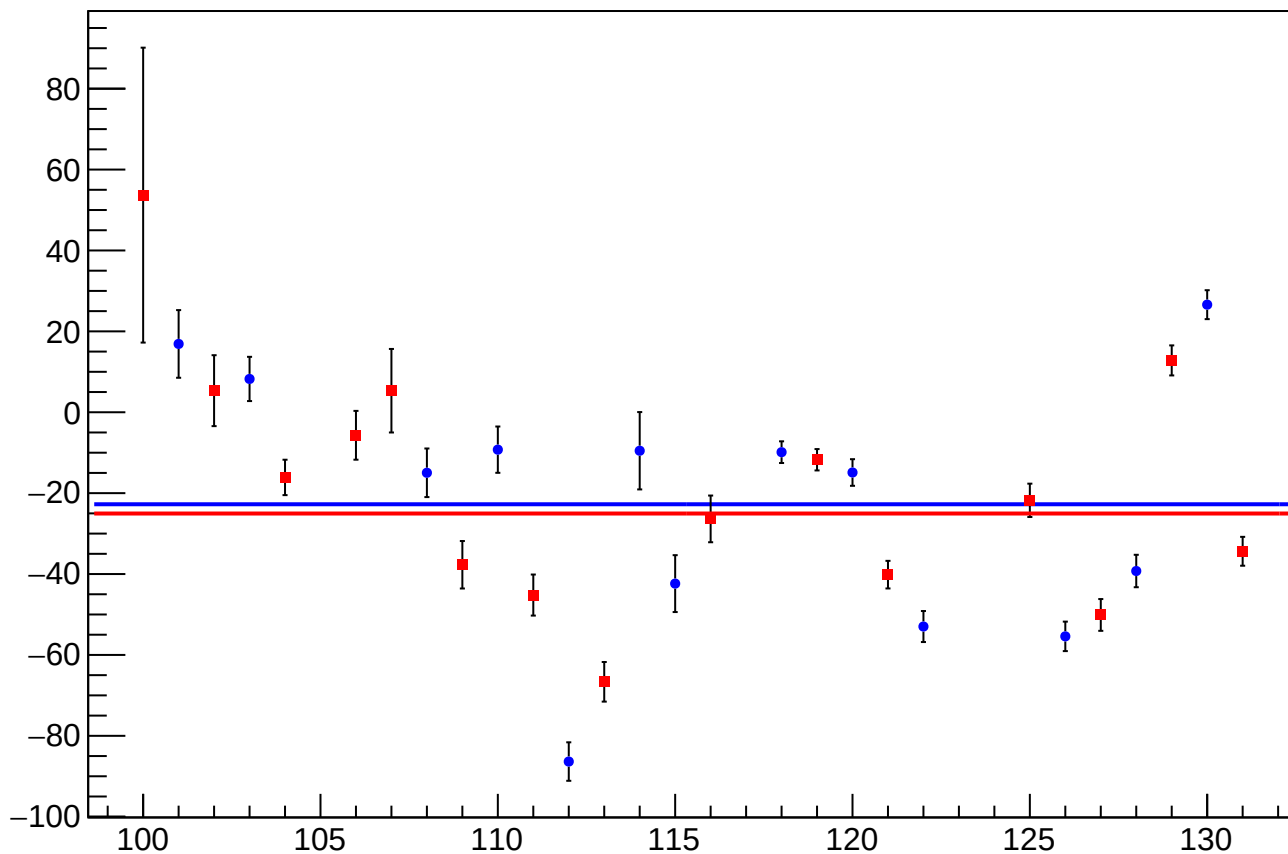
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 126.323 $\pm$ 0.804 χ^2 /NDF: 10487.6/27

- 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: -22.747 $\pm$ 1.198 χ^2 /NDF: 628.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -25.036 $\pm$ 1.158 χ^2 /NDF: 329.5/14

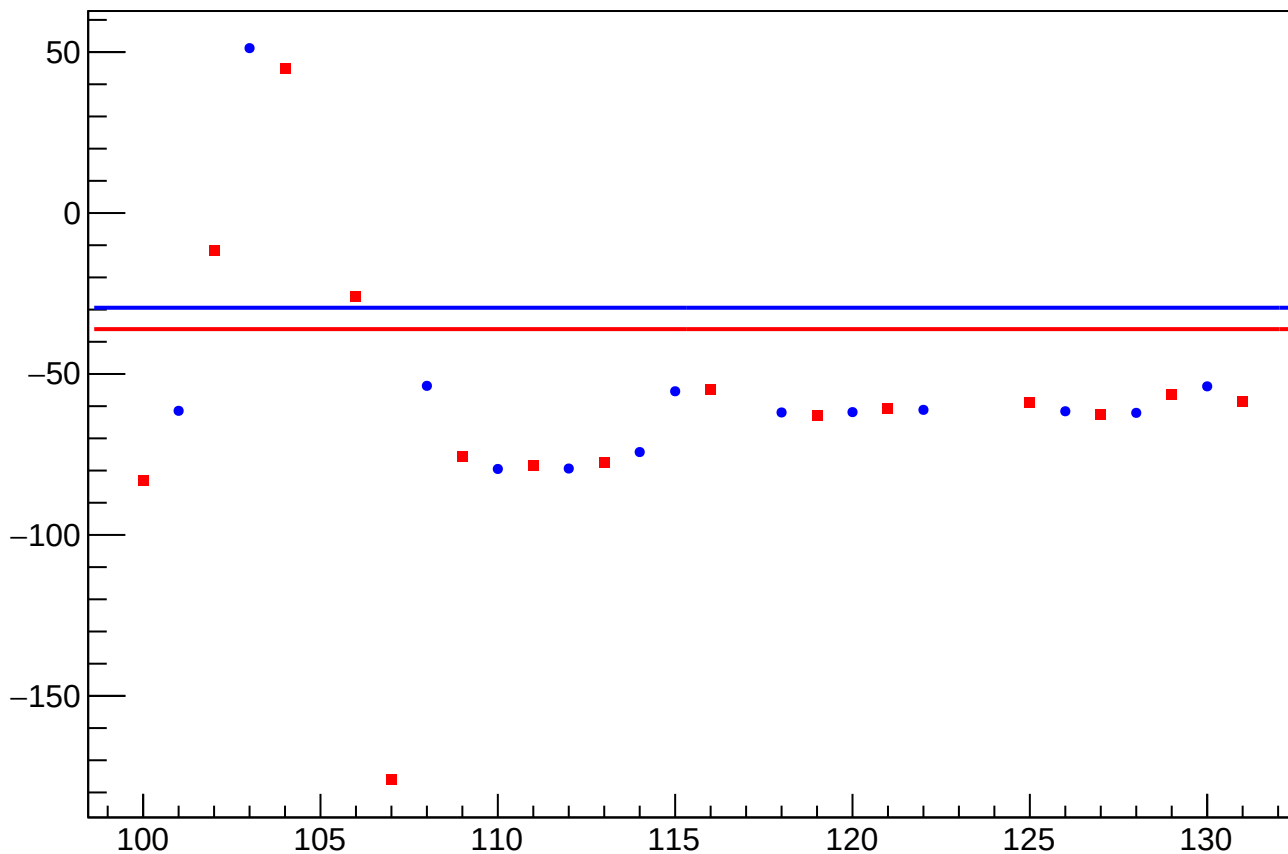
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -23.931 $\pm$ 0.833 χ^2 /NDF: 960.3/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at1lr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -29.421+/-0.076 χ^2/NDF : 458962.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.063+/-0.073 χ^2/NDF : 416635.7/14

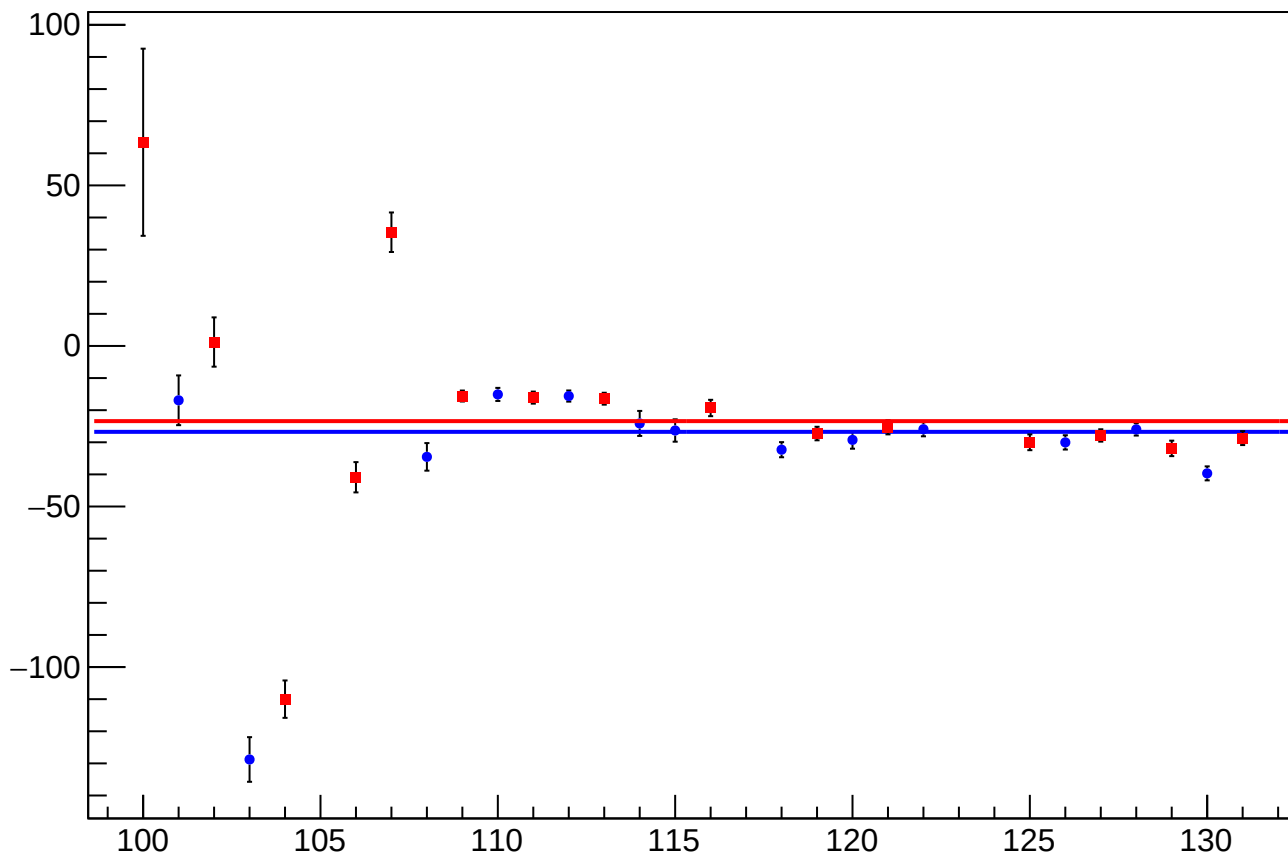
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.894+/-0.053 χ^2/NDF : 879565.2/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_diff_bpm1X_slope vs Slug



Right In: -26.747 ± 0.704 χ^2/NDF : 338.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -23.411 ± 0.640 χ^2/NDF : 433.5/14

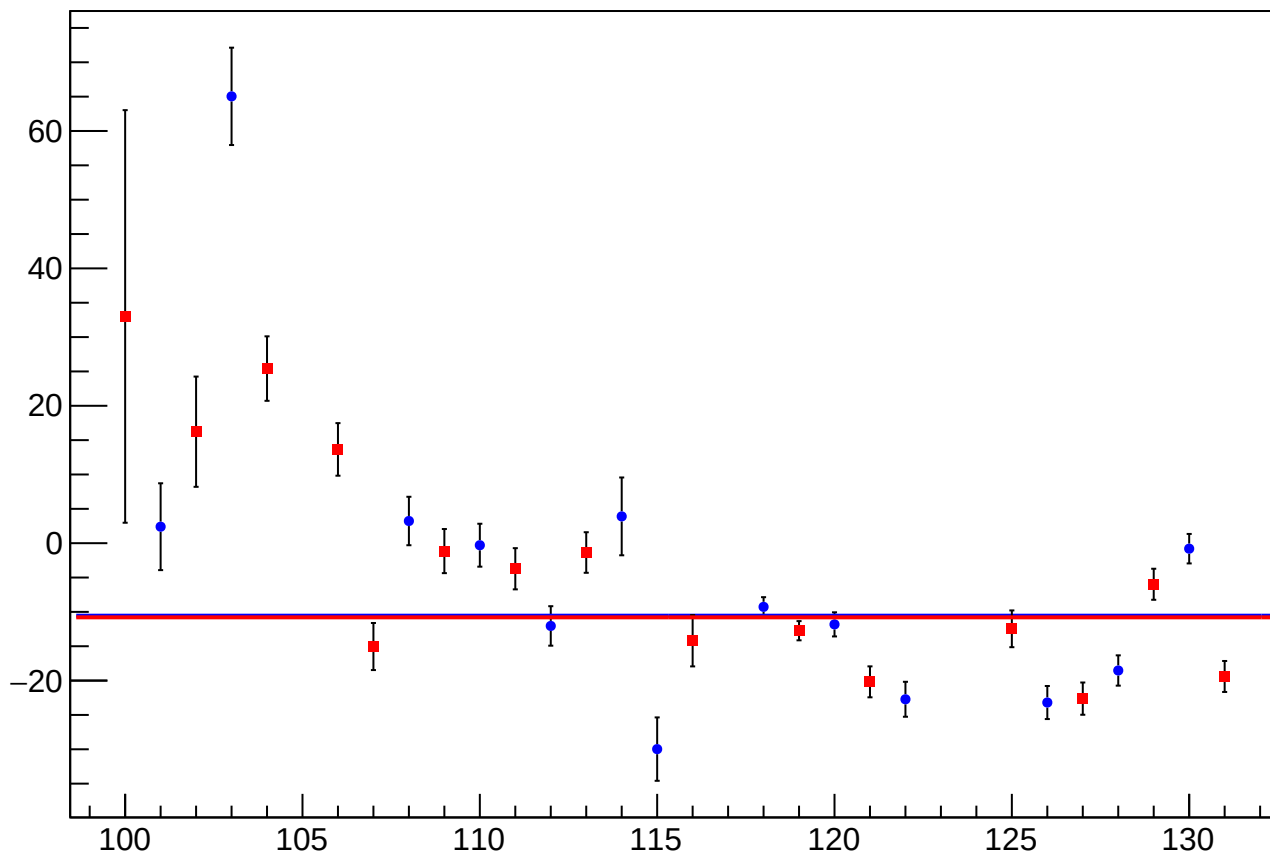
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -24.919 ± 0.474 χ^2/NDF : 784.7/27

- 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: -10.555+/-0.706 χ^2/NDF : 254.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.793+/-0.701 χ^2/NDF : 205.2/14

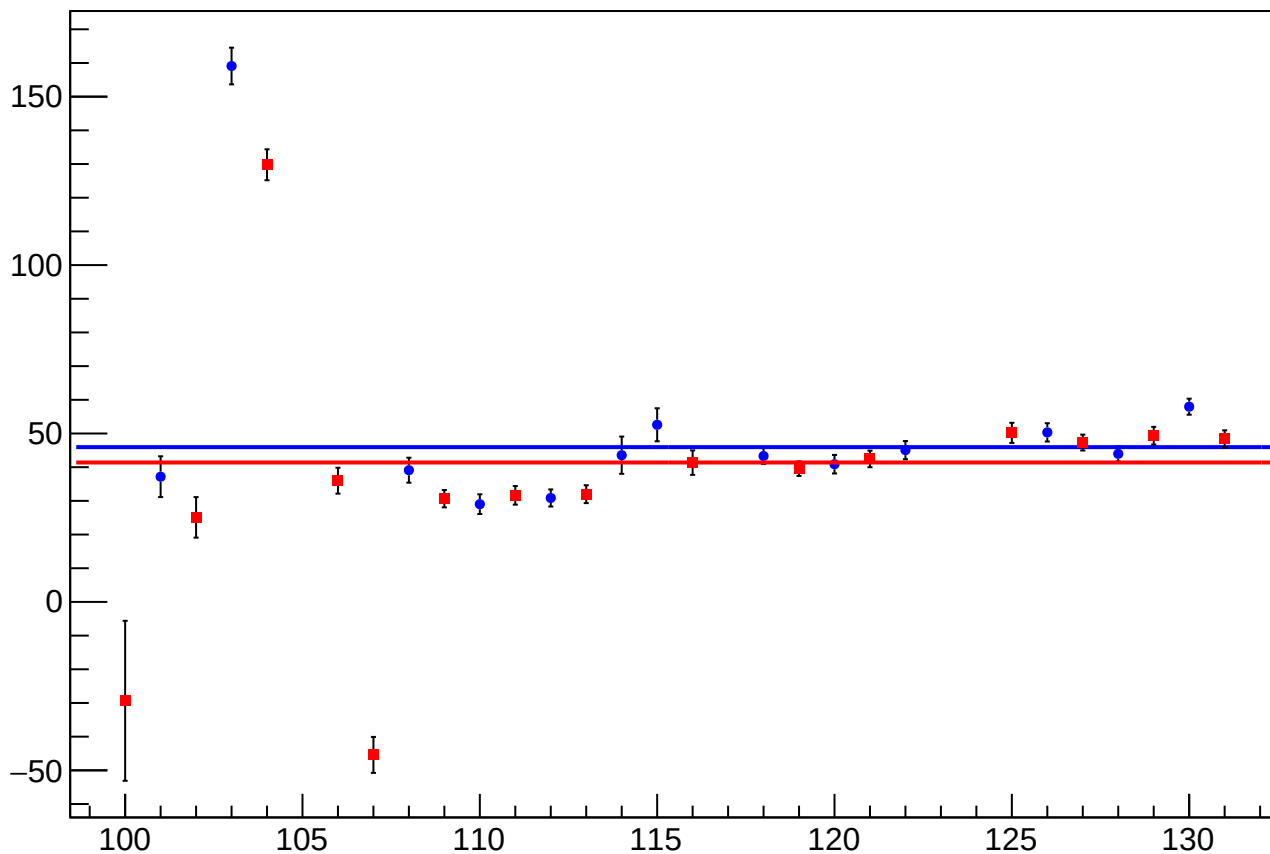
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.675+/-0.498 χ^2/NDF : 459.4/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: 45.955+/-0.834 χ^2/NDF : 541.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.390+/-0.779 χ^2/NDF : 727.6/14

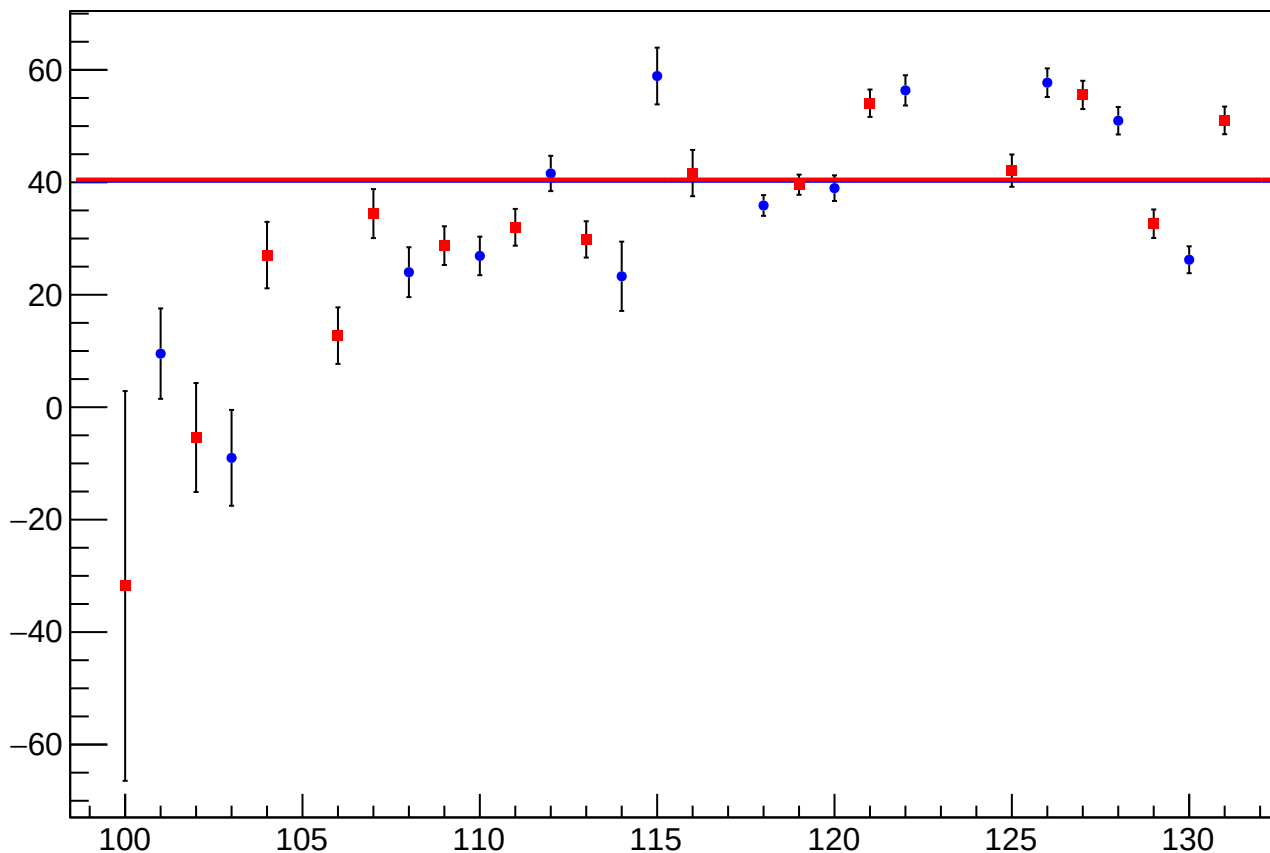
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.517+/-0.569 χ^2/NDF : 1285.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: 40.270+/-0.830 χ^2/NDF : 240.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.498+/-0.805 χ^2/NDF : 189.0/14

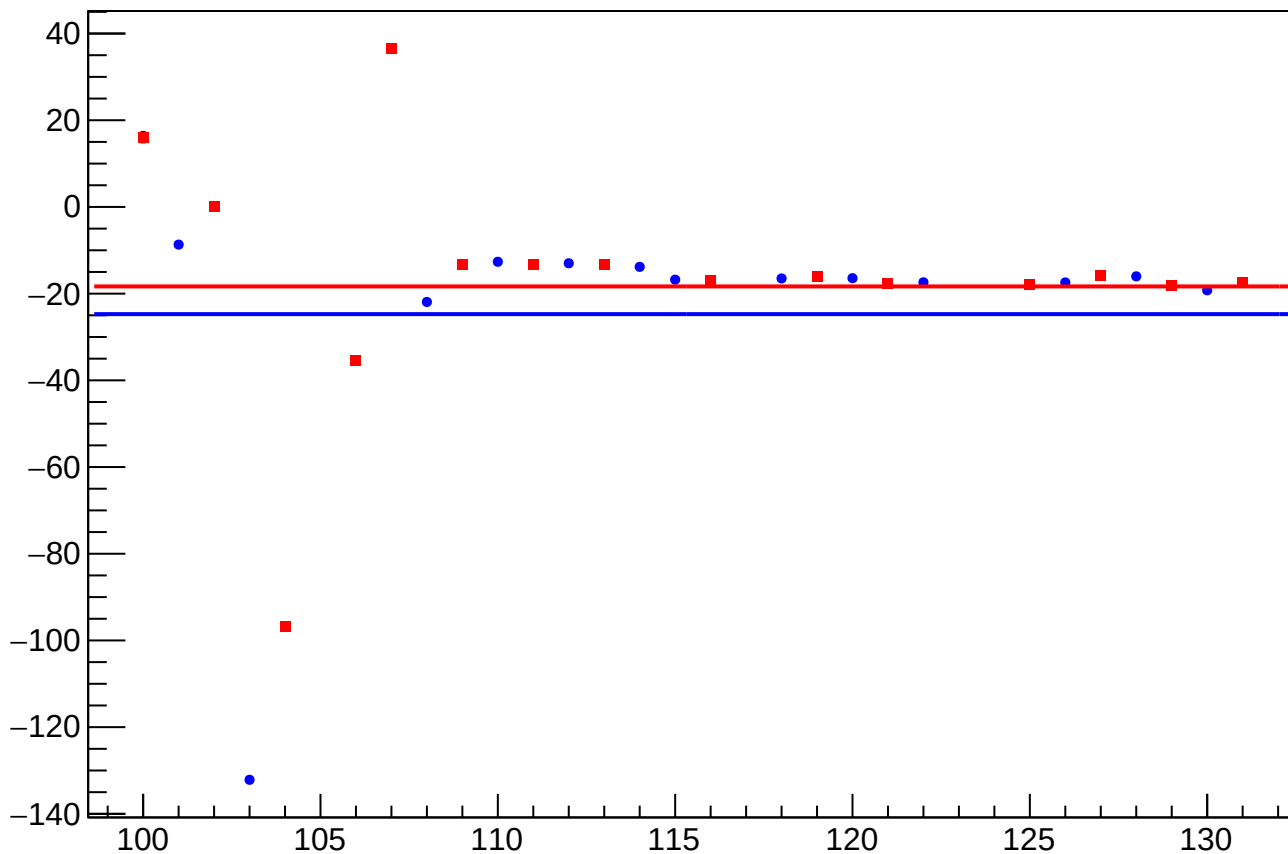
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.388+/-0.578 χ^2/NDF : 429.4/27

- 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: -24.726 ± 0.060 χ^2/NDF : 235102.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -18.335 ± 0.056 χ^2/NDF : 203498.0/14

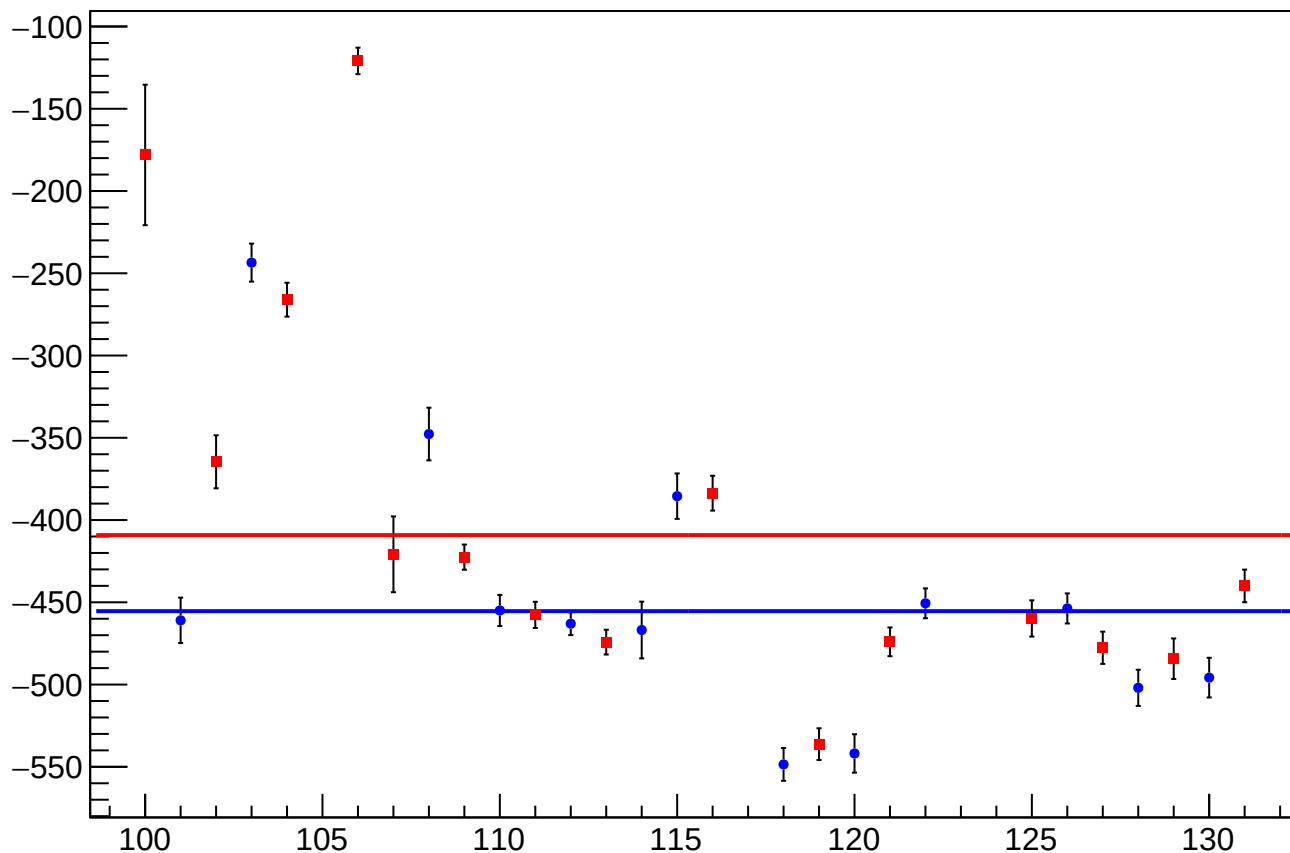
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -21.292 ± 0.041 χ^2/NDF : 444677.0/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -455.394+/-2.965 χ^2/NDF : 580.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -409.164+/-2.582 χ^2/NDF : 1979.5/14

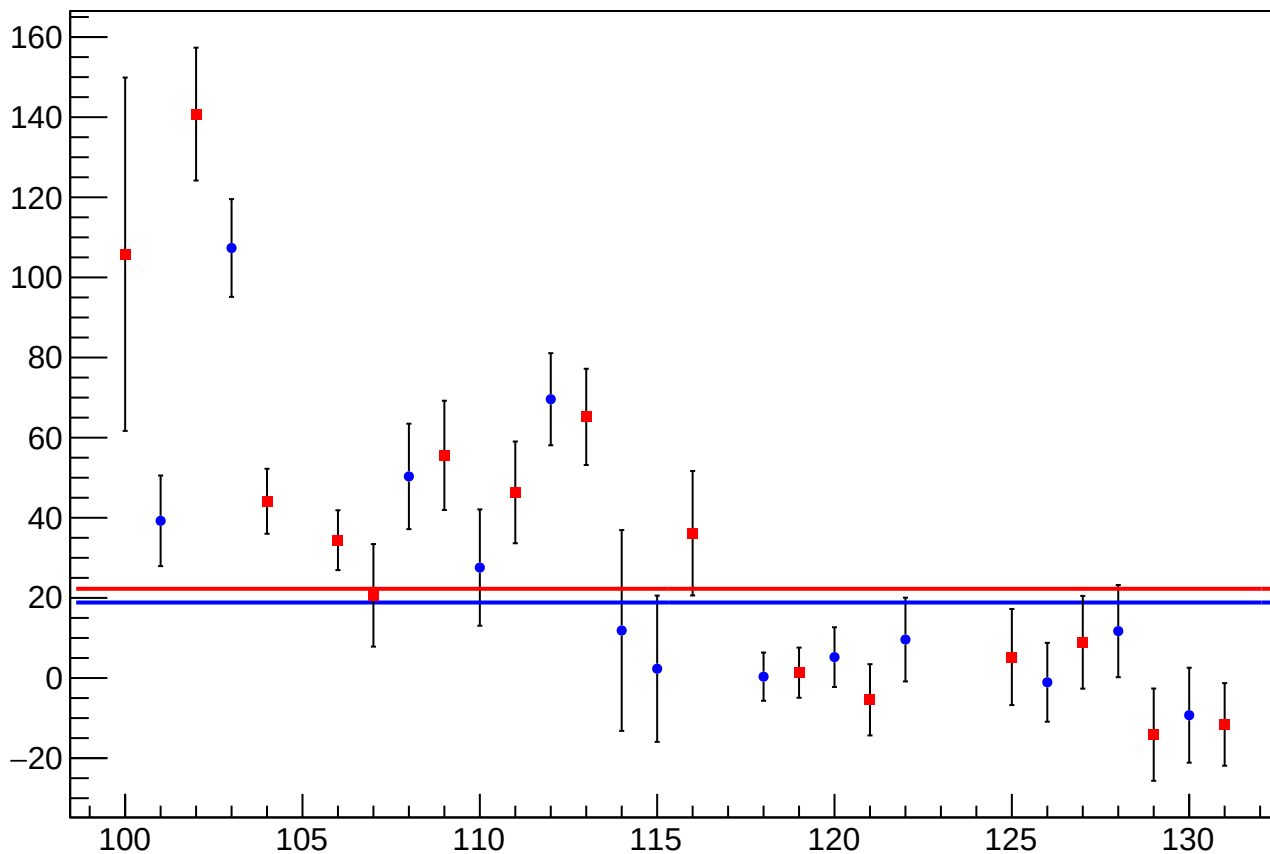
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -429.105+/-1.947 χ^2/NDF : 2698.5/27

- 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: 18.850+/-2.924 χ^2/NDF : 106.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.280+/-2.716 χ^2/NDF : 132.7/14

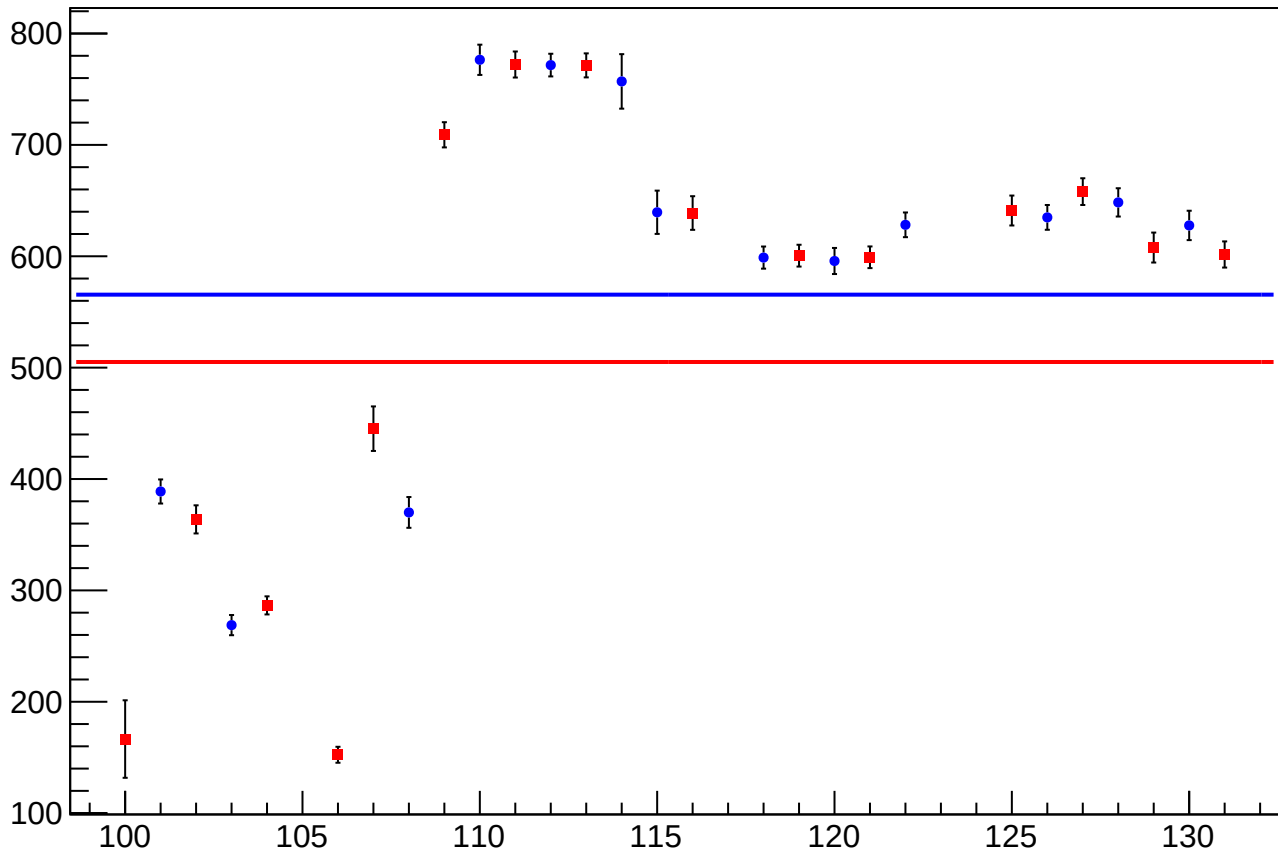
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.691+/-1.990 χ^2/NDF : 239.5/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 565.537+/-3.316 χ^2/NDF : 2419.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 505.078+/-2.904 χ^2/NDF : 5489.5/14

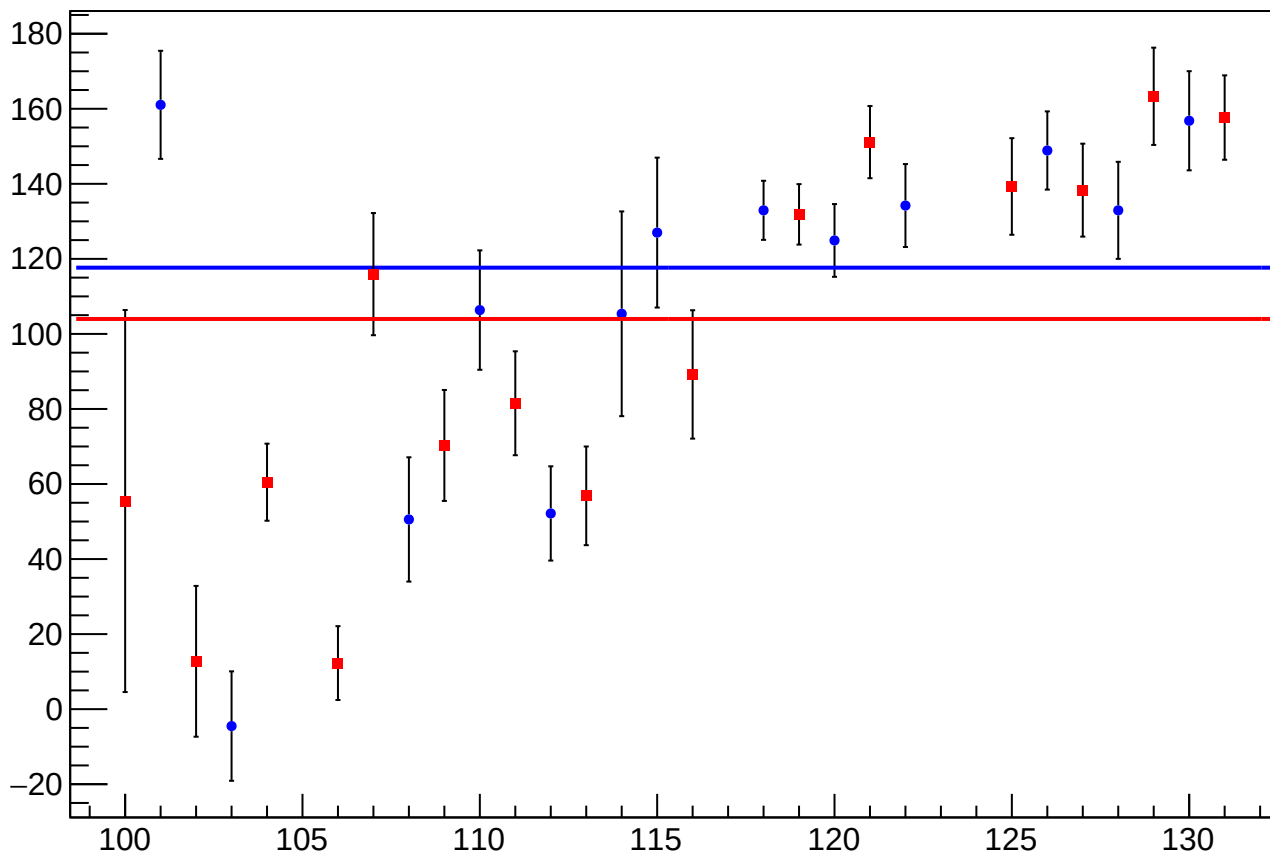
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 531.316+/-2.185 χ^2/NDF : 8097.5/27

- 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: 117.656 $\pm$ 3.467 χ^2 /NDF: 149.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 103.985 $\pm$ 3.193 χ^2 /NDF: 243.3/14

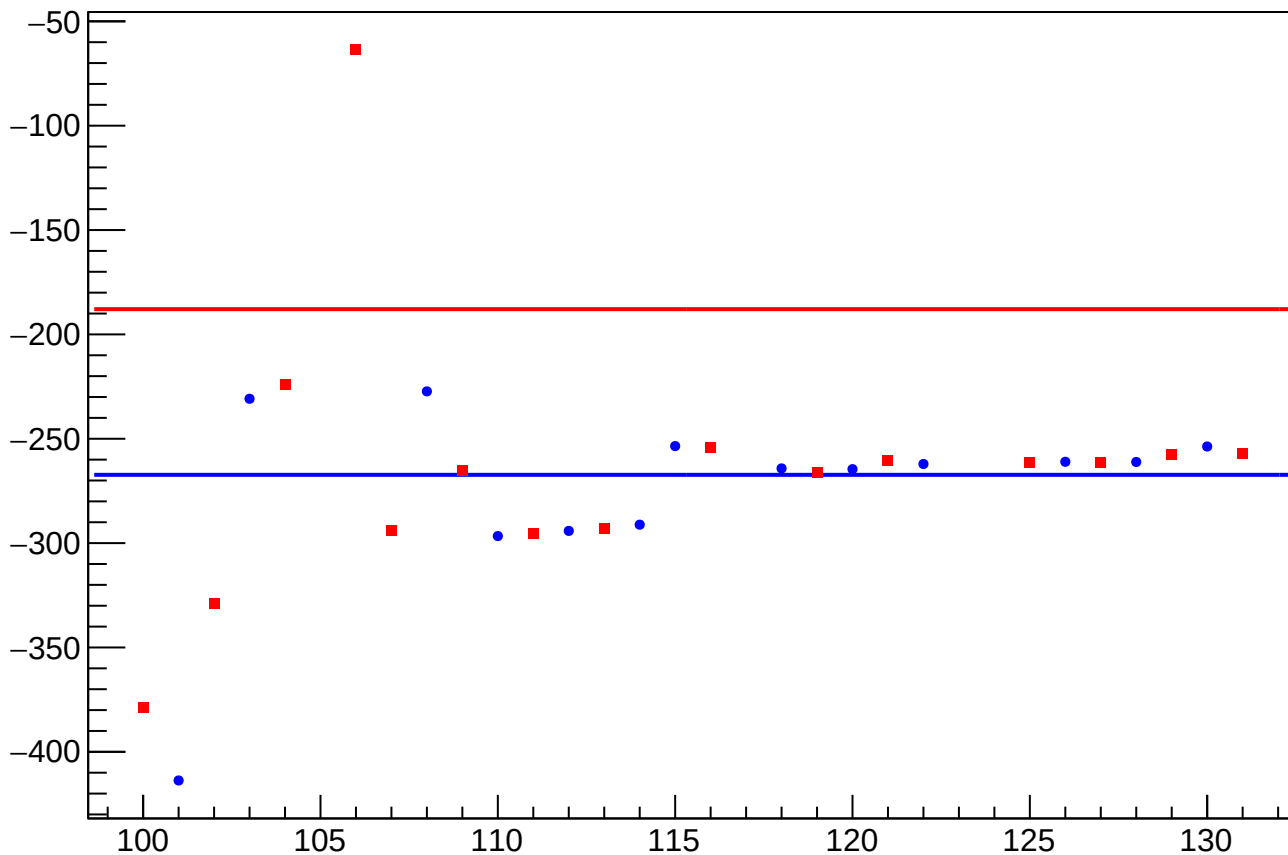
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 110.259 $\pm$ 2.349 χ^2 /NDF: 401.2/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -267.283+/-0.209 χ^2/NDF : 67950.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -187.901+/-0.160 χ^2/NDF : 421009.6/14

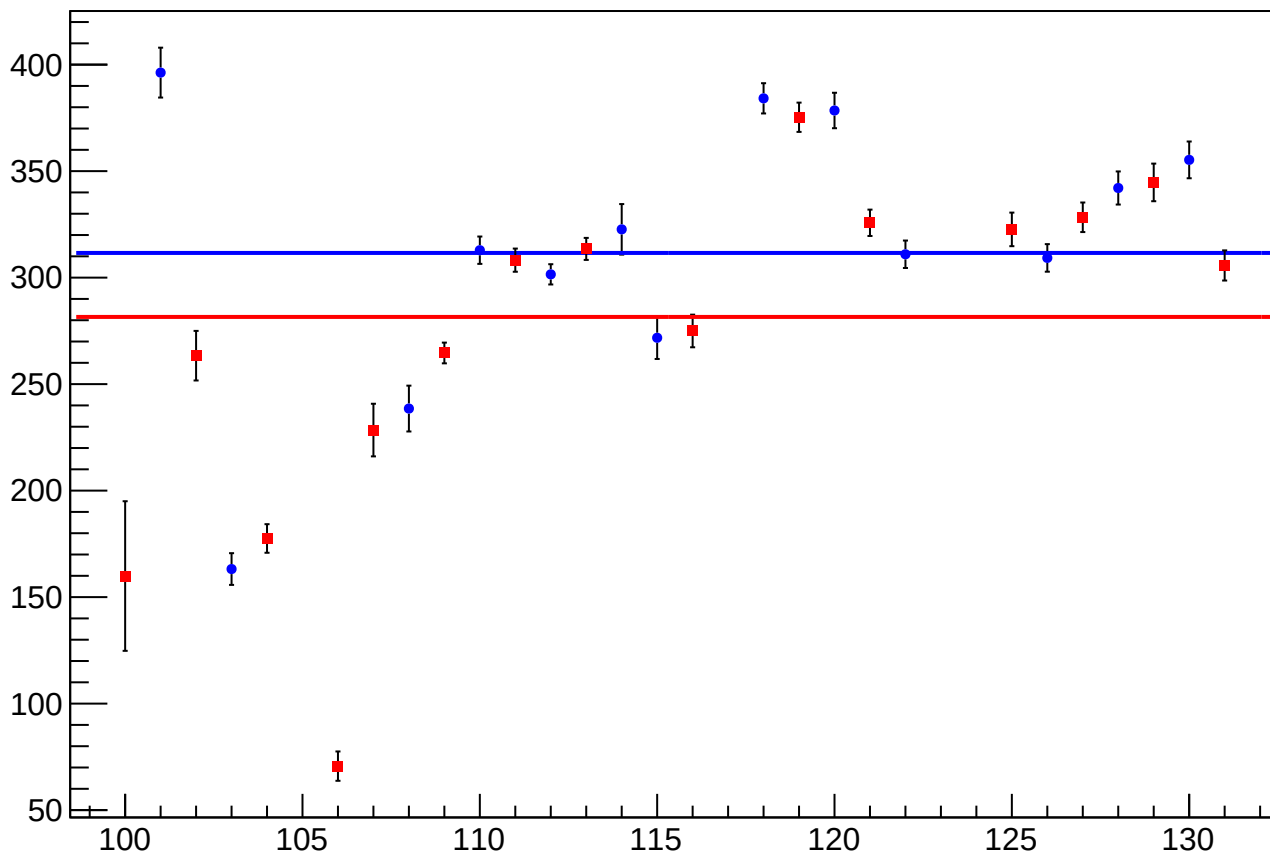
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -217.230+/-0.127 χ^2/NDF : 579817.1/27

- 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: 311.593+/-2.077 χ^2/NDF : 726.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 281.549+/-1.809 χ^2/NDF : 1658.3/14

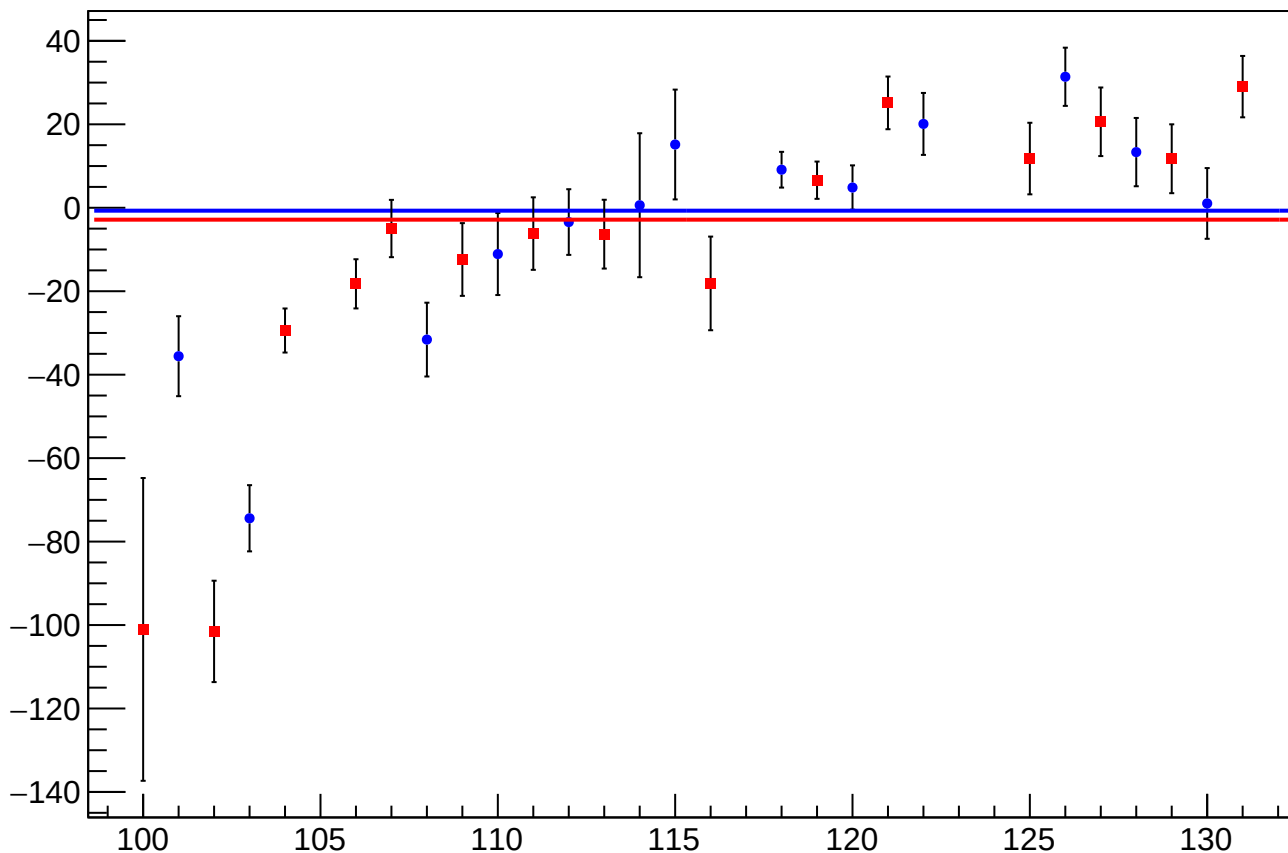
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 294.513+/-1.364 χ^2/NDF : 2504.1/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: -0.697 ± 2.073 χ^2/NDF : 152.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.851 ± 1.892 χ^2/NDF : 166.0/14

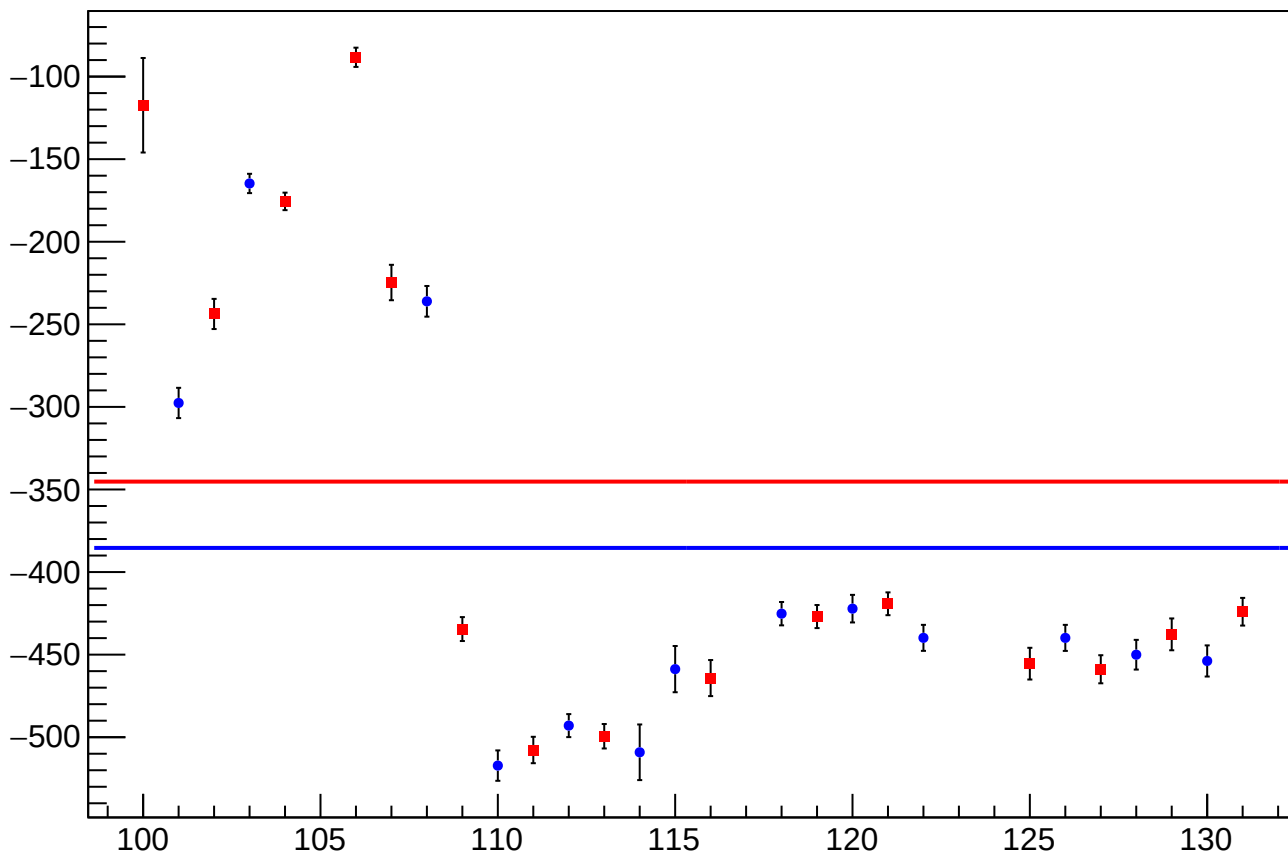
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.872 ± 1.398 χ^2/NDF : 319.4/27

- 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: -385.384+/-2.331 χ^2/NDF : 2551.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -345.231+/-2.043 χ^2/NDF : 5143.8/14

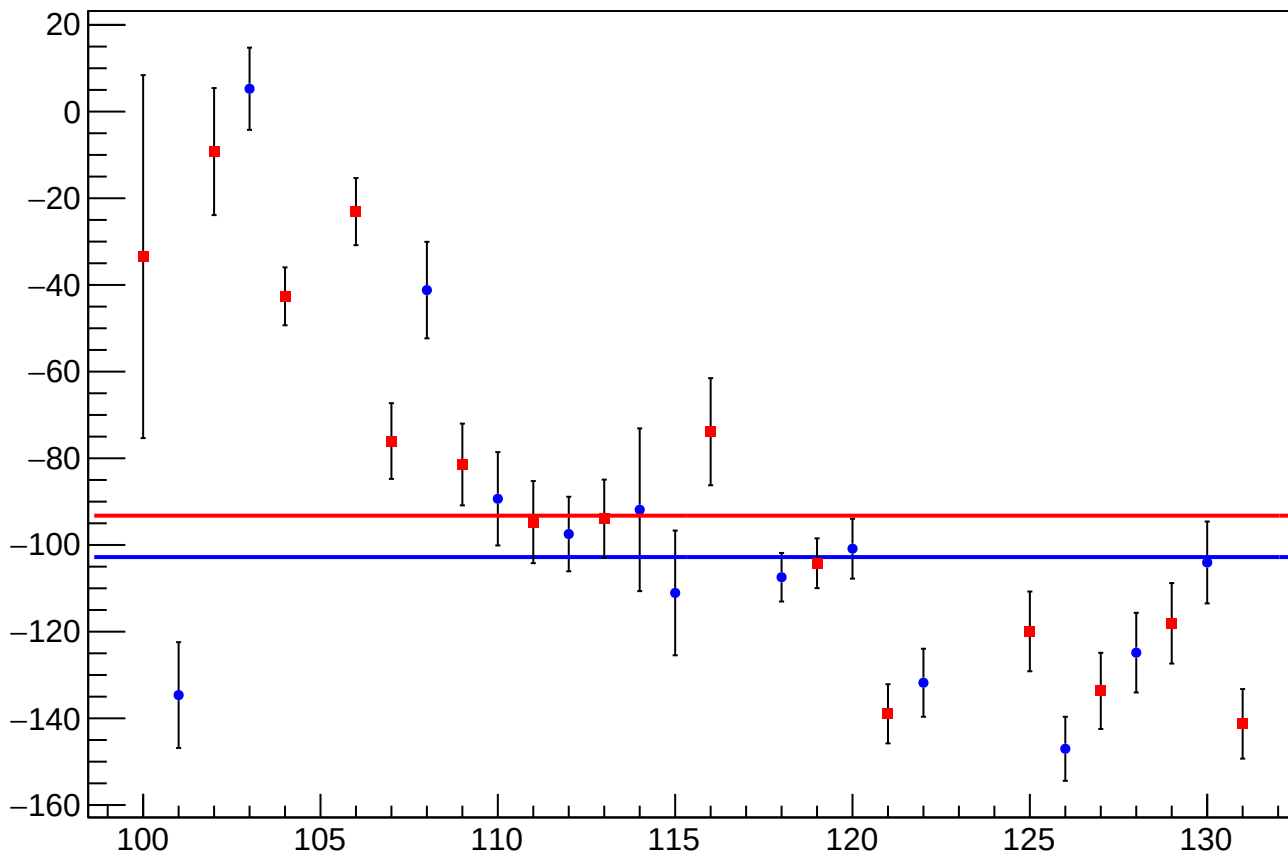
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -362.675+/-1.537 χ^2/NDF : 7863.1/27

- 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: -102.793 ± 2.453 χ^2/NDF : 226.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -93.235 ± 2.224 χ^2/NDF : 303.3/14

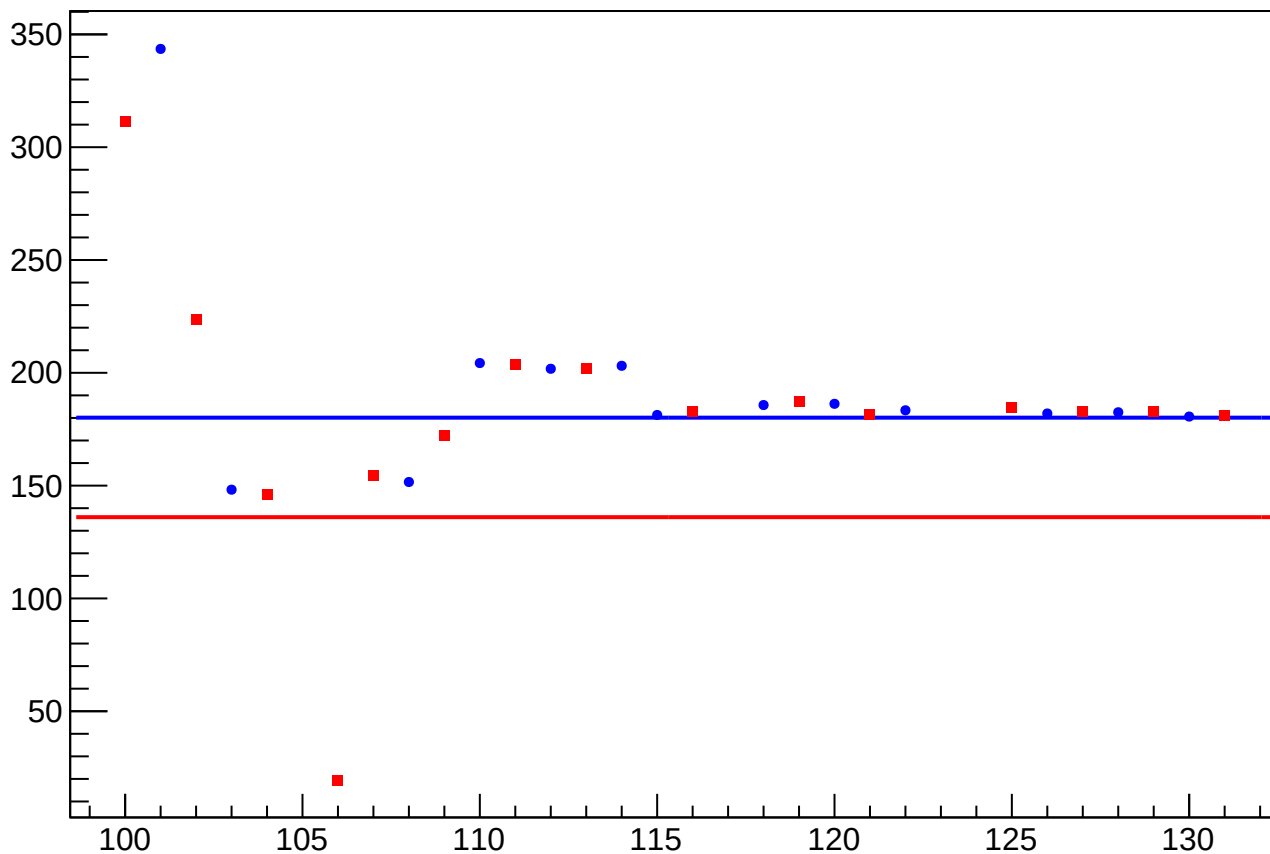
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -97.546 ± 1.648 χ^2/NDF : 537.6/27

- 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: 180.123+/-0.144 χ^2/NDF : 114886.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.018+/-0.119 χ^2/NDF : 384326.8/14

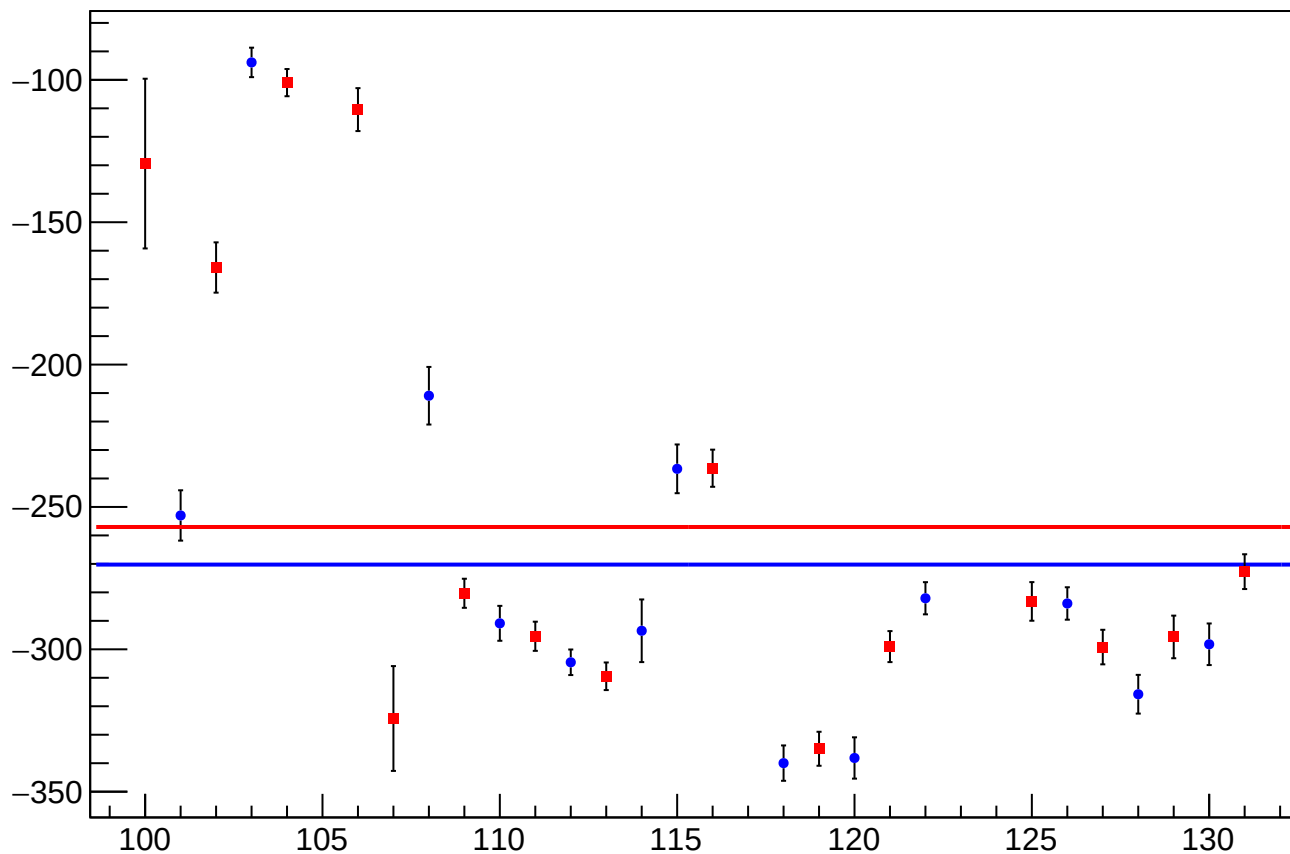
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.815+/-0.092 χ^2/NDF : 554827.7/27

- 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: -270.243+/-1.809 χ^2/NDF : 1572.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -257.038+/-1.630 χ^2/NDF : 2113.4/14

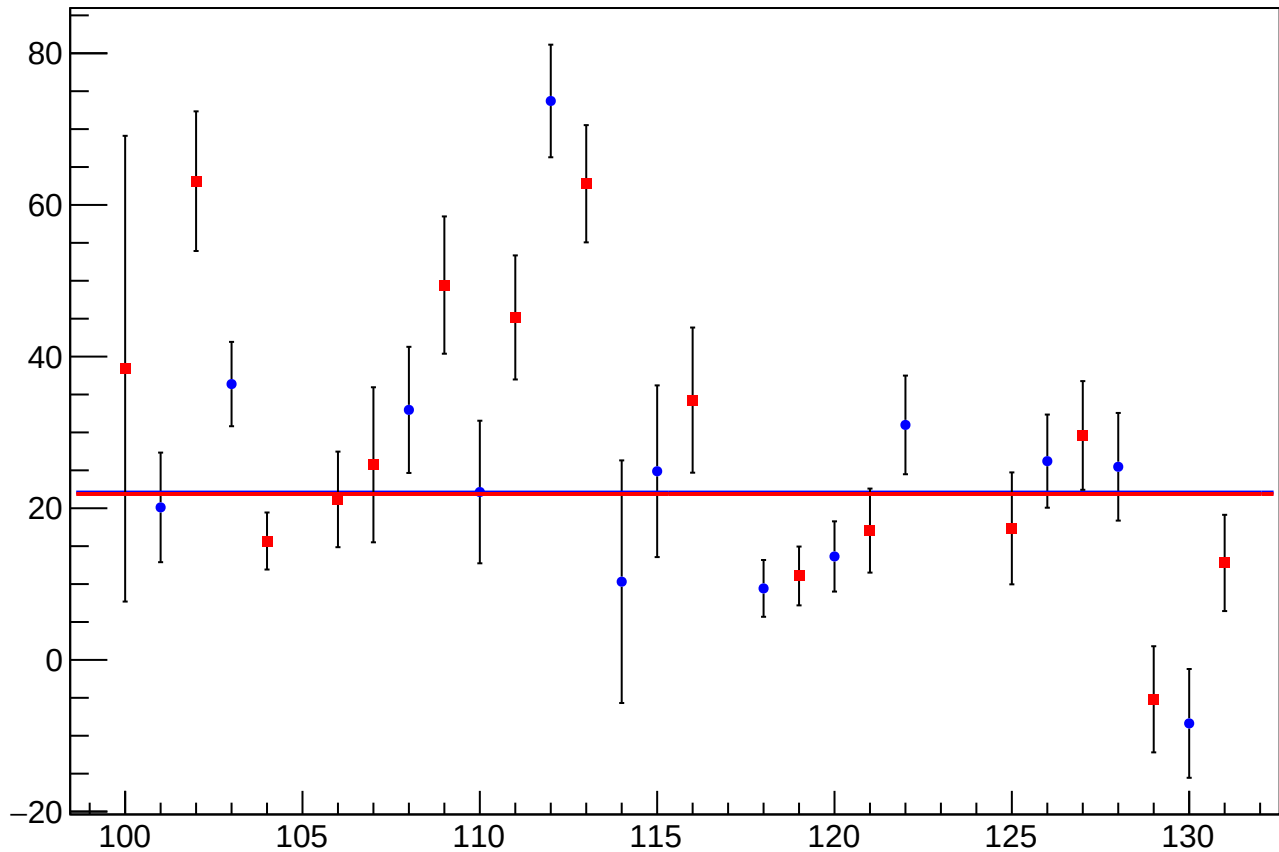
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -262.956+/-1.211 χ^2/NDF : 3715.1/27

- 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: 22.066+/-1.783 χ^2/NDF : 92.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.883+/-1.678 χ^2/NDF : 97.4/14

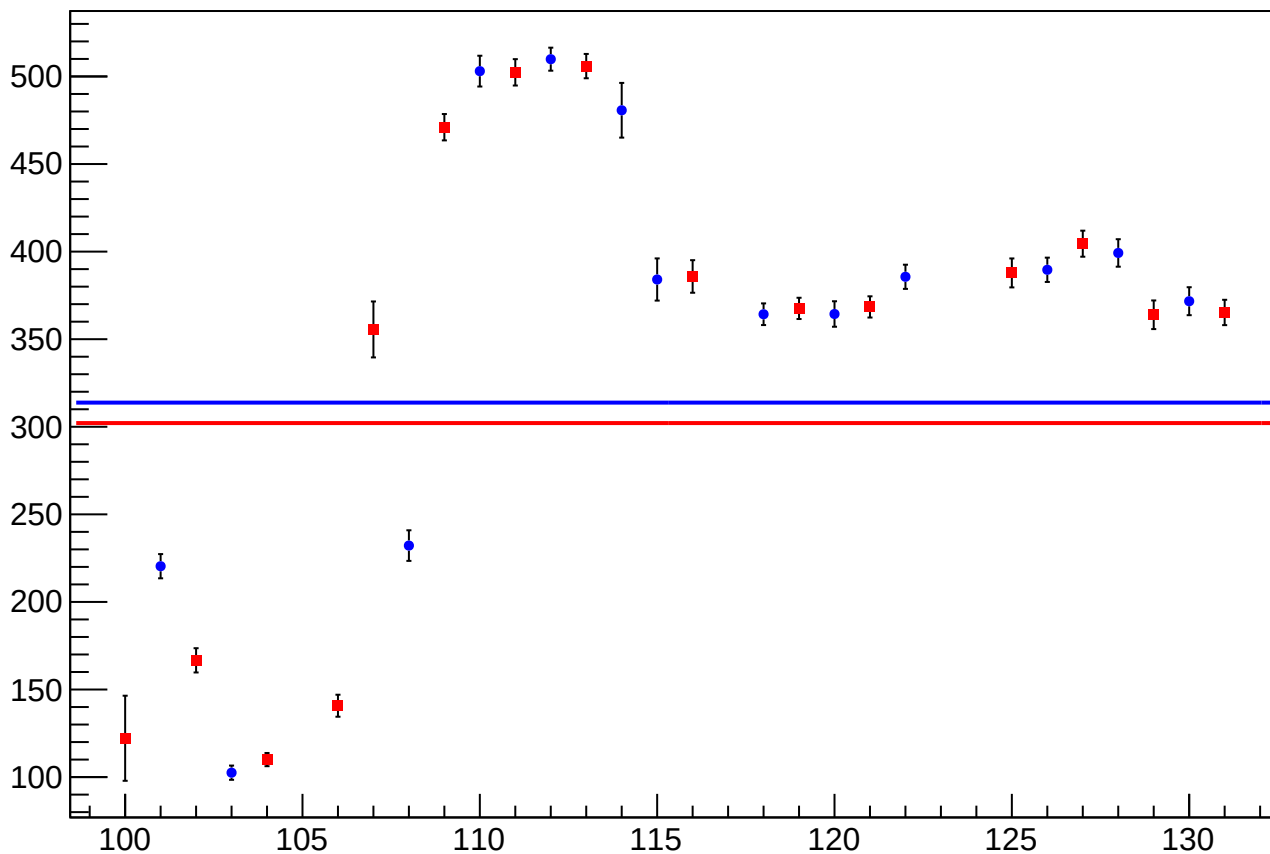
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.969+/-1.222 χ^2/NDF : 190.0/27

- 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: 313.795+/-1.960 χ^2/NDF : 4986.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 302.115+/-1.793 χ^2/NDF : 6528.9/14

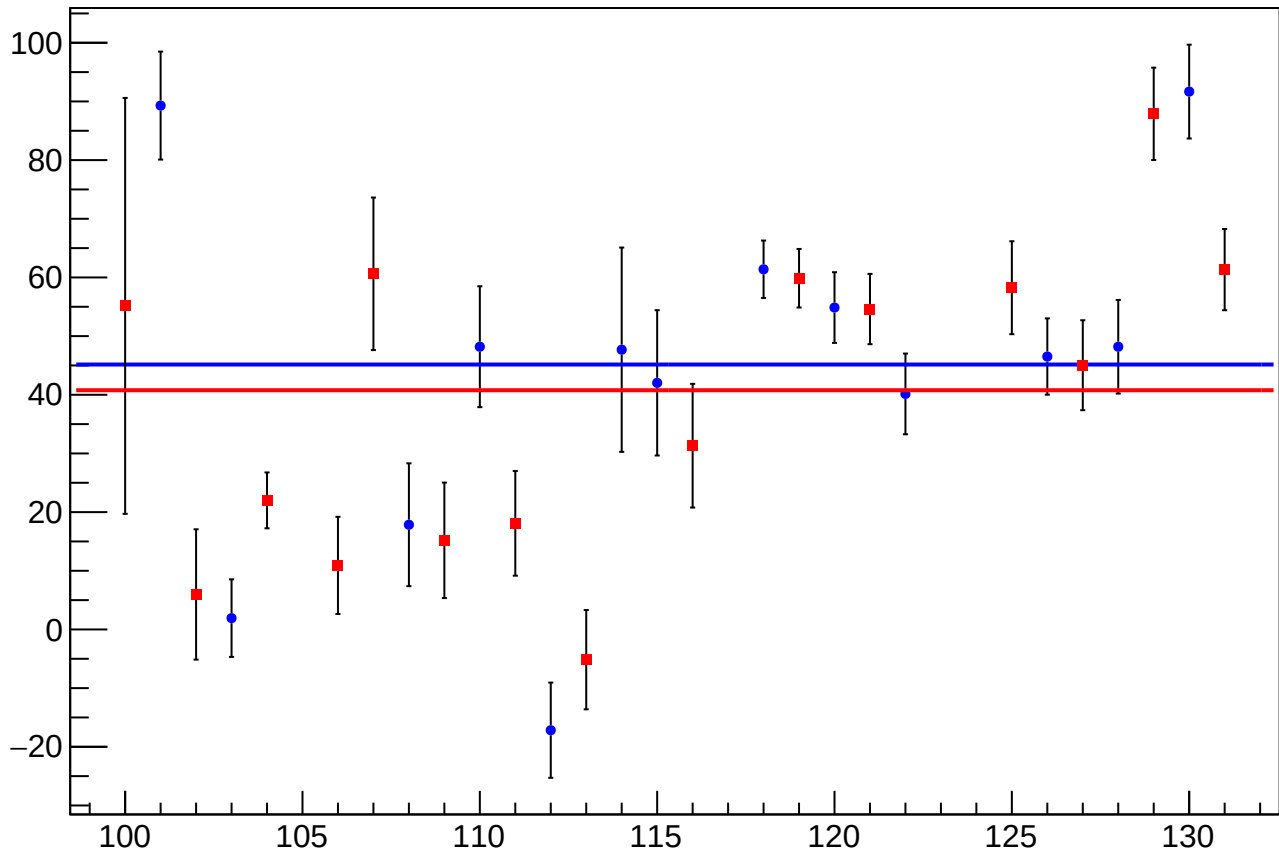
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 307.436+/-1.323 χ^2/NDF : 11534.3/27

- 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: 45.157 $\pm$ 2.115 χ^2 /NDF: 179.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 40.775 $\pm$ 1.971 χ^2 /NDF: 154.1/14

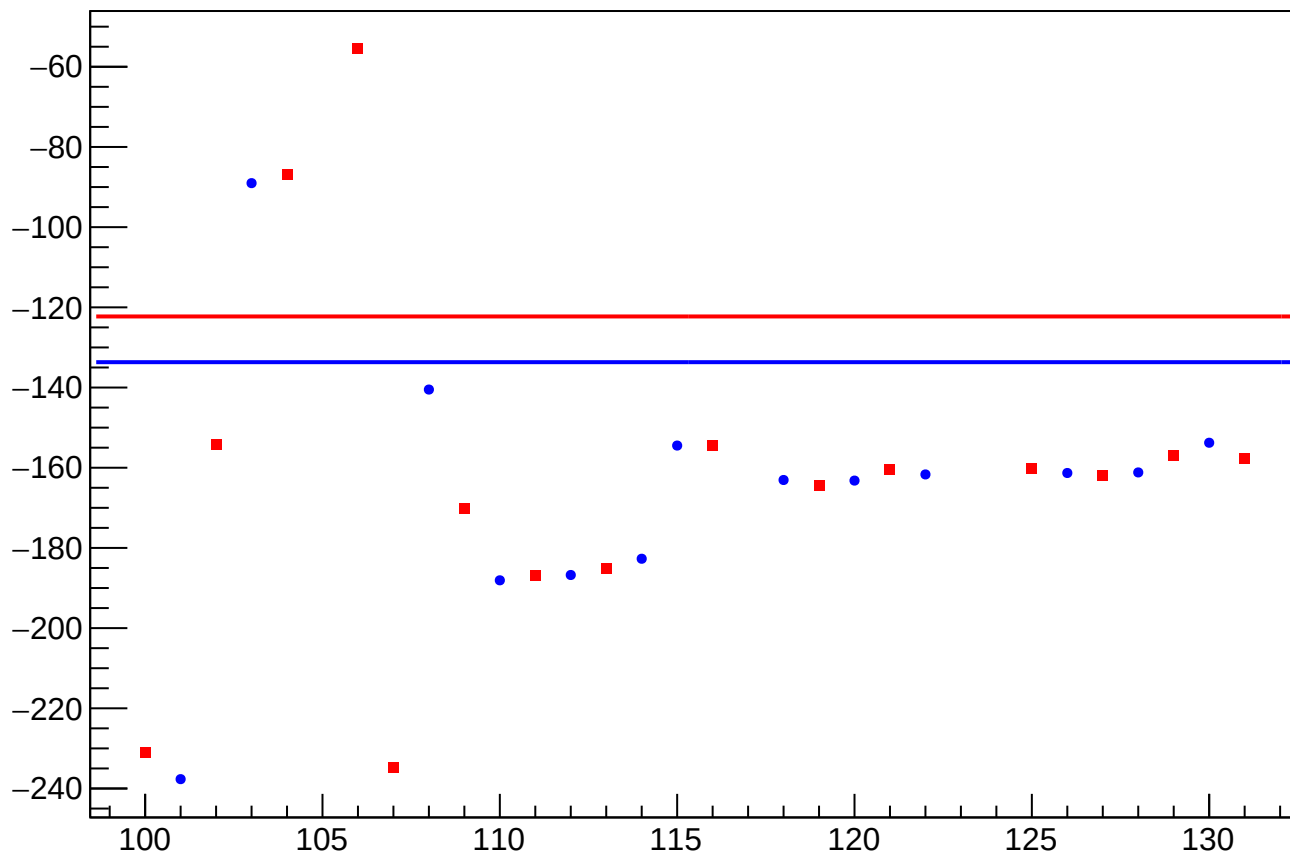
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 42.812 $\pm$ 1.442 χ^2 /NDF: 336.2/27

- 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: -133.674+/-0.115 χ^2/NDF : 166374.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -122.271+/-0.105 χ^2/NDF : 218039.1/14

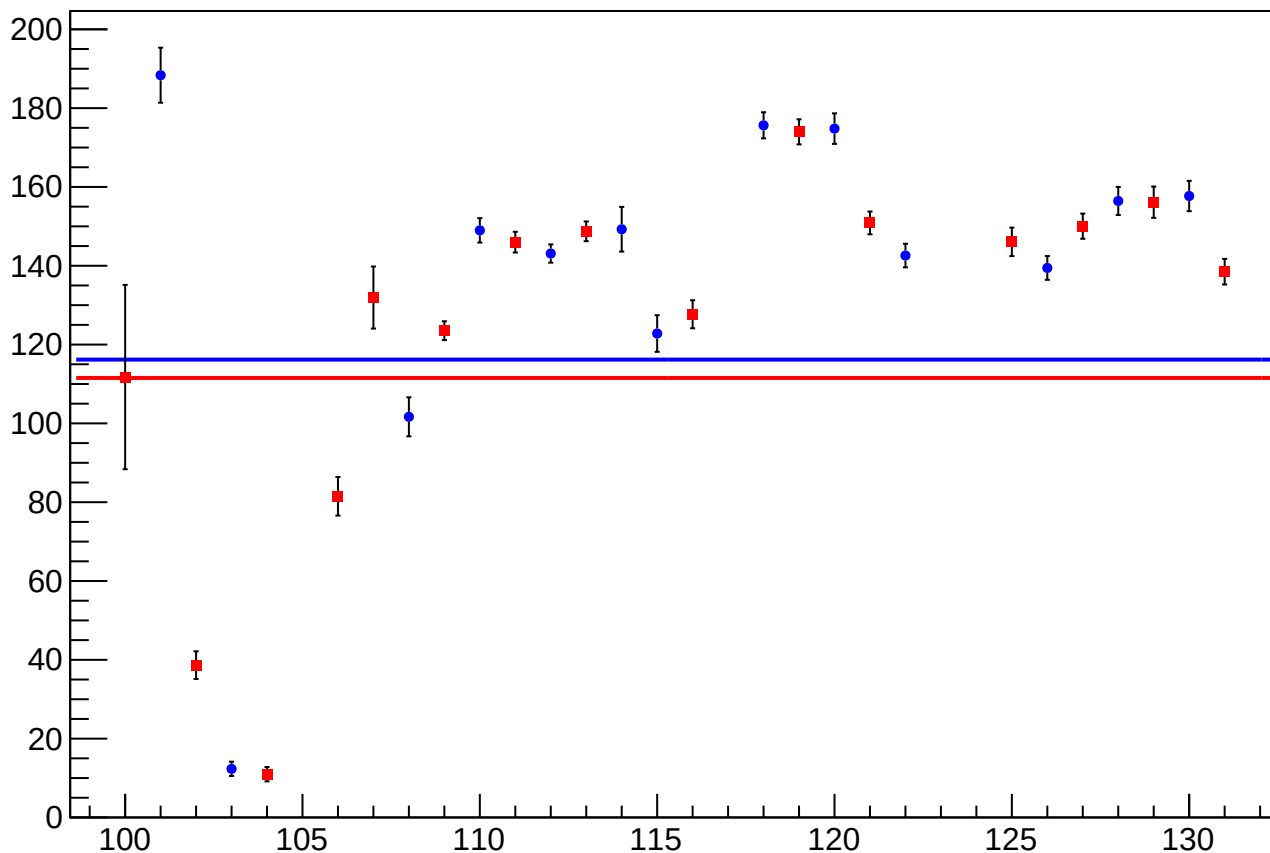
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -127.442+/-0.078 χ^2/NDF : 389750.5/27

- 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: 116.189 $\pm$ 0.892 χ^2 /NDF: 4596.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 111.529 $\pm$ 0.803 χ^2 /NDF: 4946.1/14

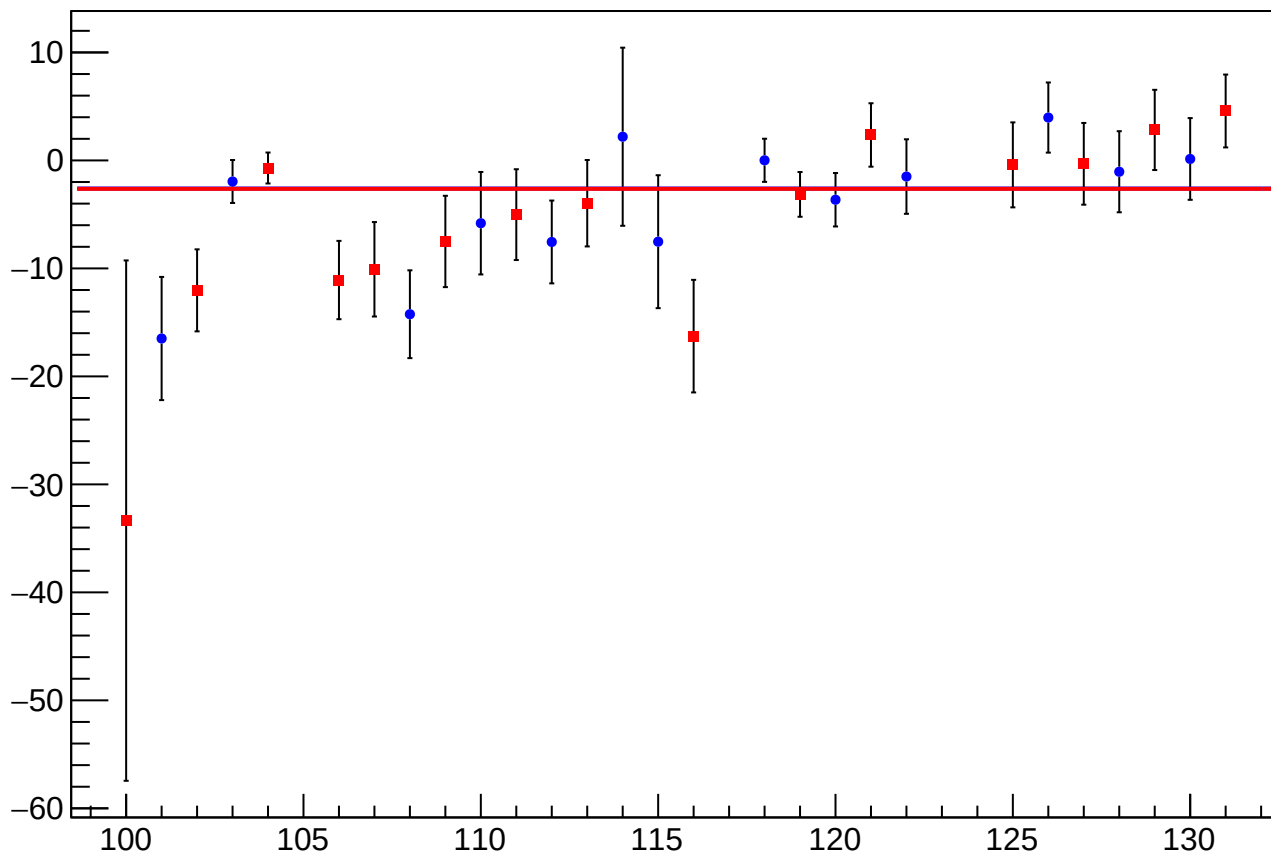
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 113.616 $\pm$ 0.597 χ^2 /NDF: 9557.6/27

- 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: -2.603+/-0.901 χ^2 /NDF: 24.1/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.630+/-0.805 χ^2 /NDF: 36.9/14

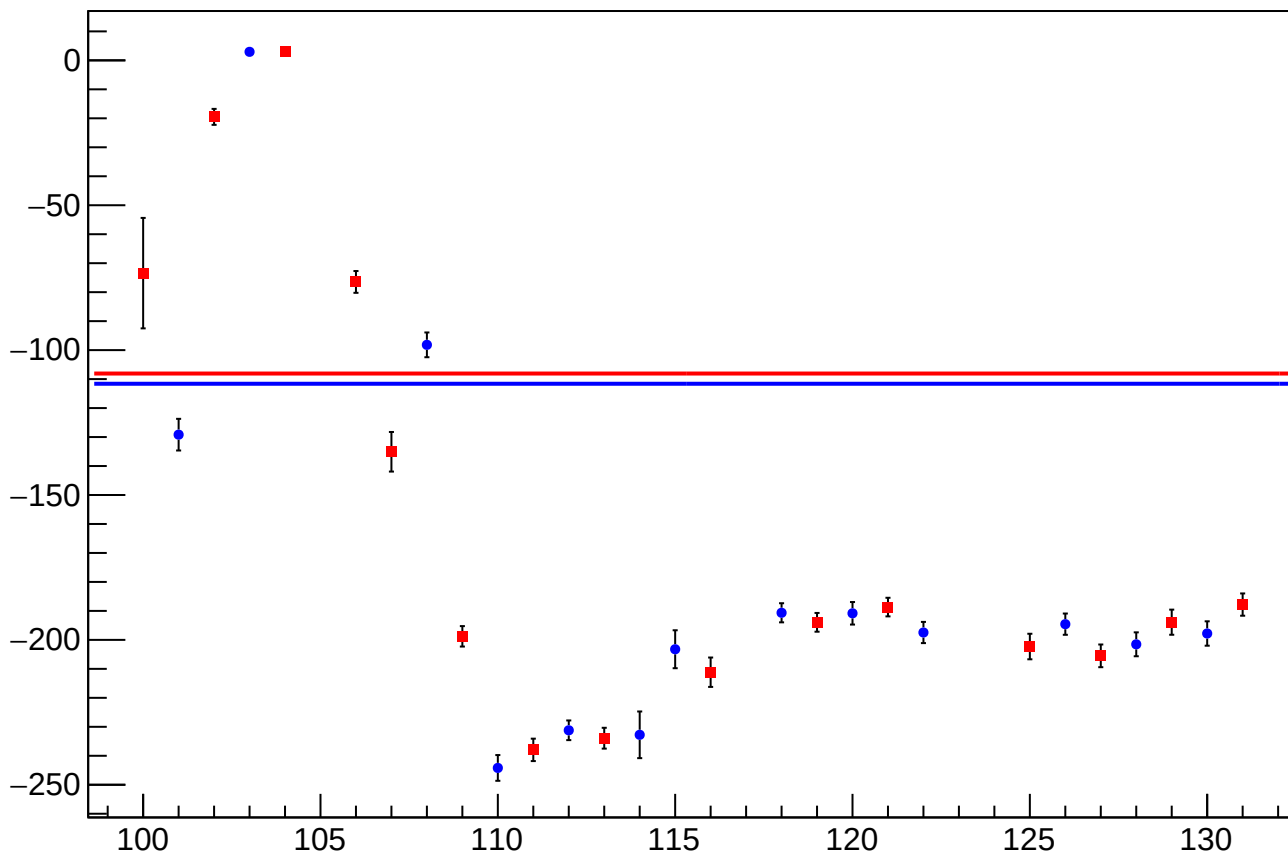
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2.618+/-0.600 χ^2 /NDF: 61.0/27

- 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: -111.609+/-0.922 χ^2/NDF : 11957.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -108.081+/-0.845 χ^2/NDF : 13719.7/14

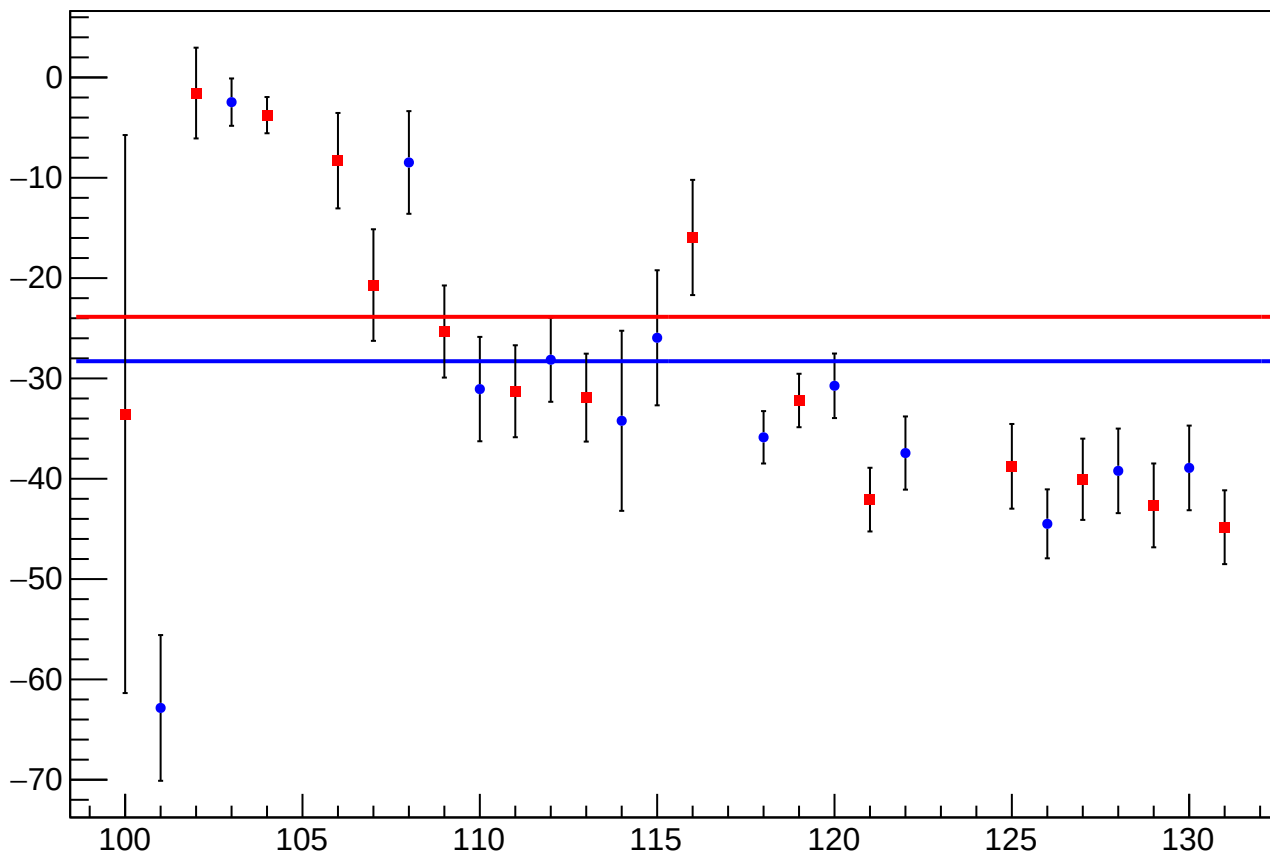
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -109.691+/-0.623 χ^2/NDF : 25685.1/27

- 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: -28.284 ± 1.066 χ^2/NDF : 208.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -23.860 ± 0.954 χ^2/NDF : 291.3/14

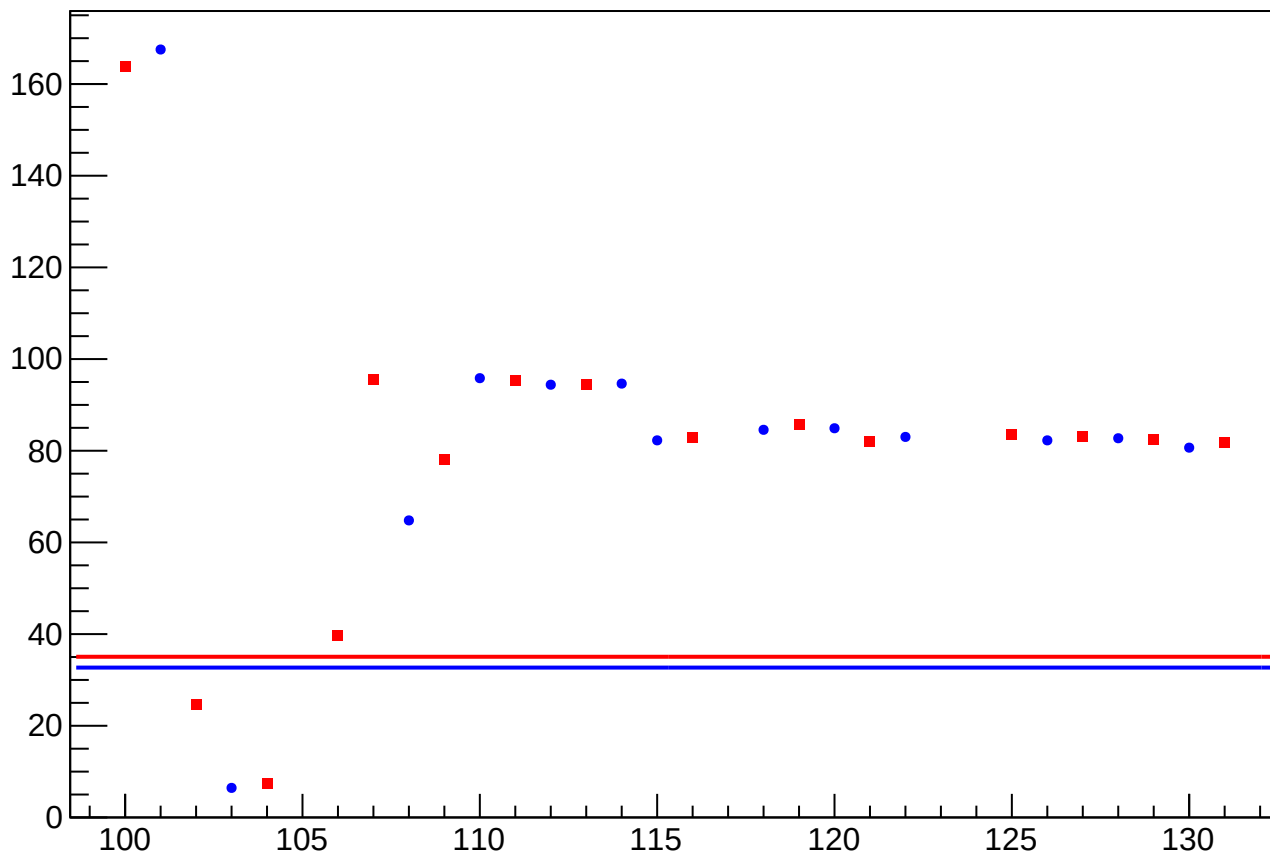
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.828 ± 0.711 χ^2/NDF : 509.7/27

- 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: 32.695+/-0.049 χ^2/NDF : 678263.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.055+/-0.048 χ^2/NDF : 524408.5/14

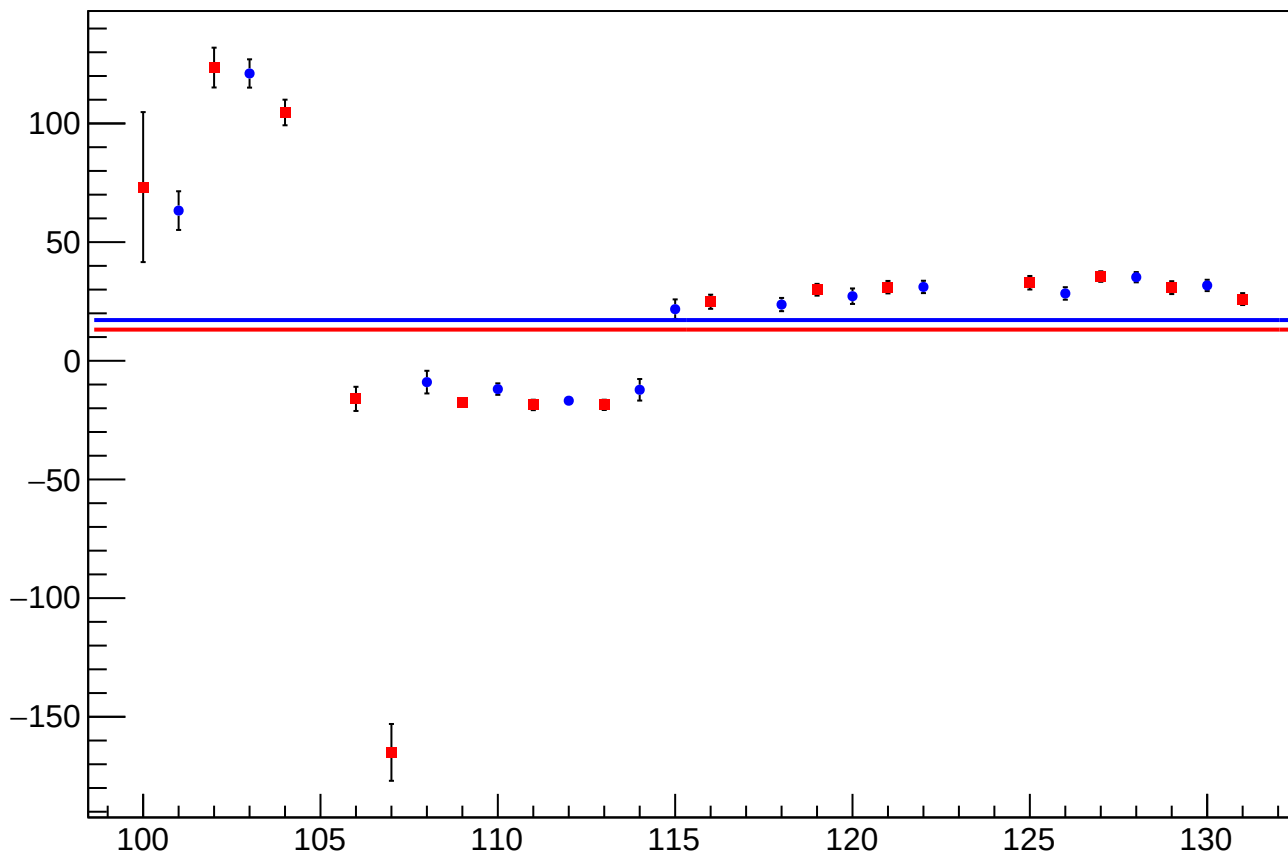
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.903+/-0.034 χ^2/NDF : 1203876.2/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 17.164 $\pm$ 0.814 χ^2 /NDF: 1000.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.139 $\pm$ 0.748 χ^2 /NDF: 1688.8/14

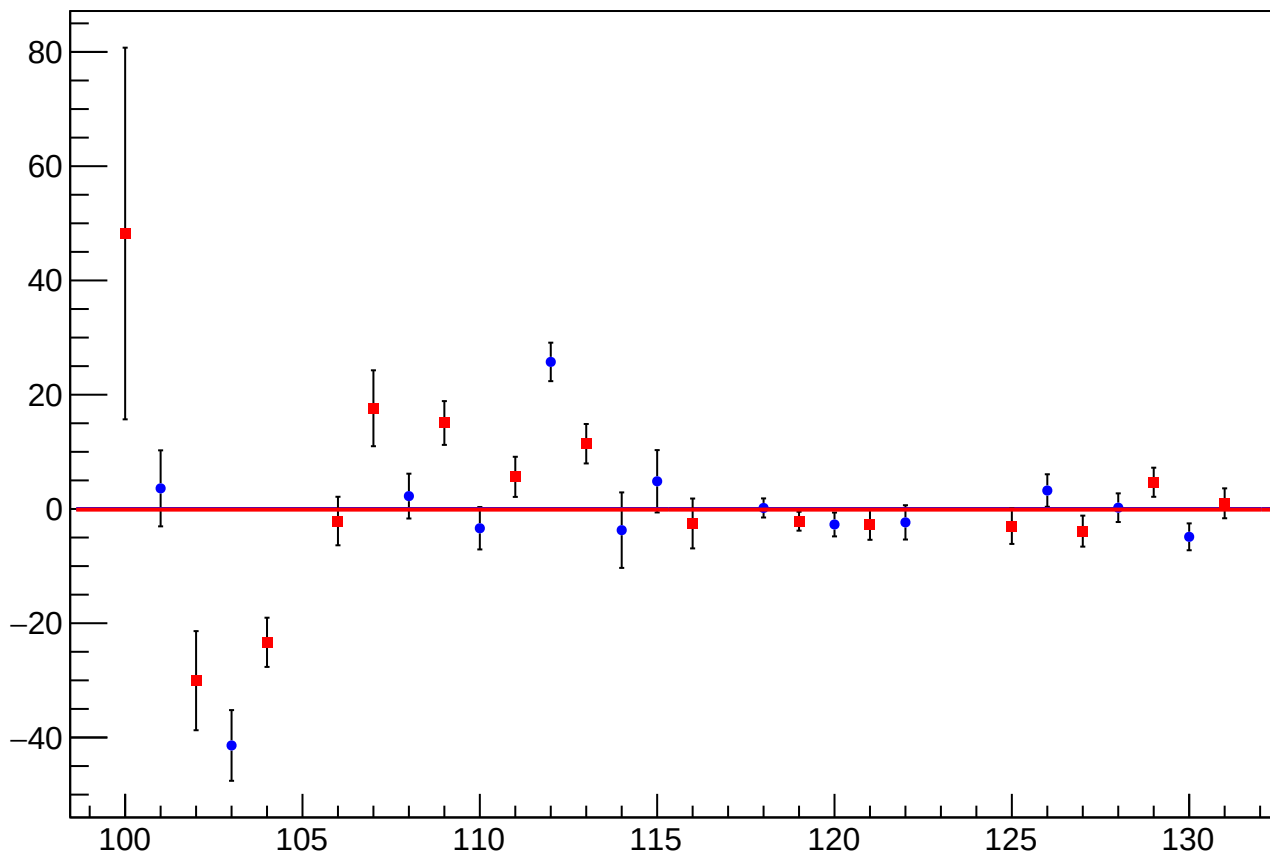
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.980 $\pm$ 0.551 χ^2 /NDF: 2702.9/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: -0.012 ± 0.818 χ^2/NDF : 113.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.112 ± 0.823 χ^2/NDF : 89.3/14

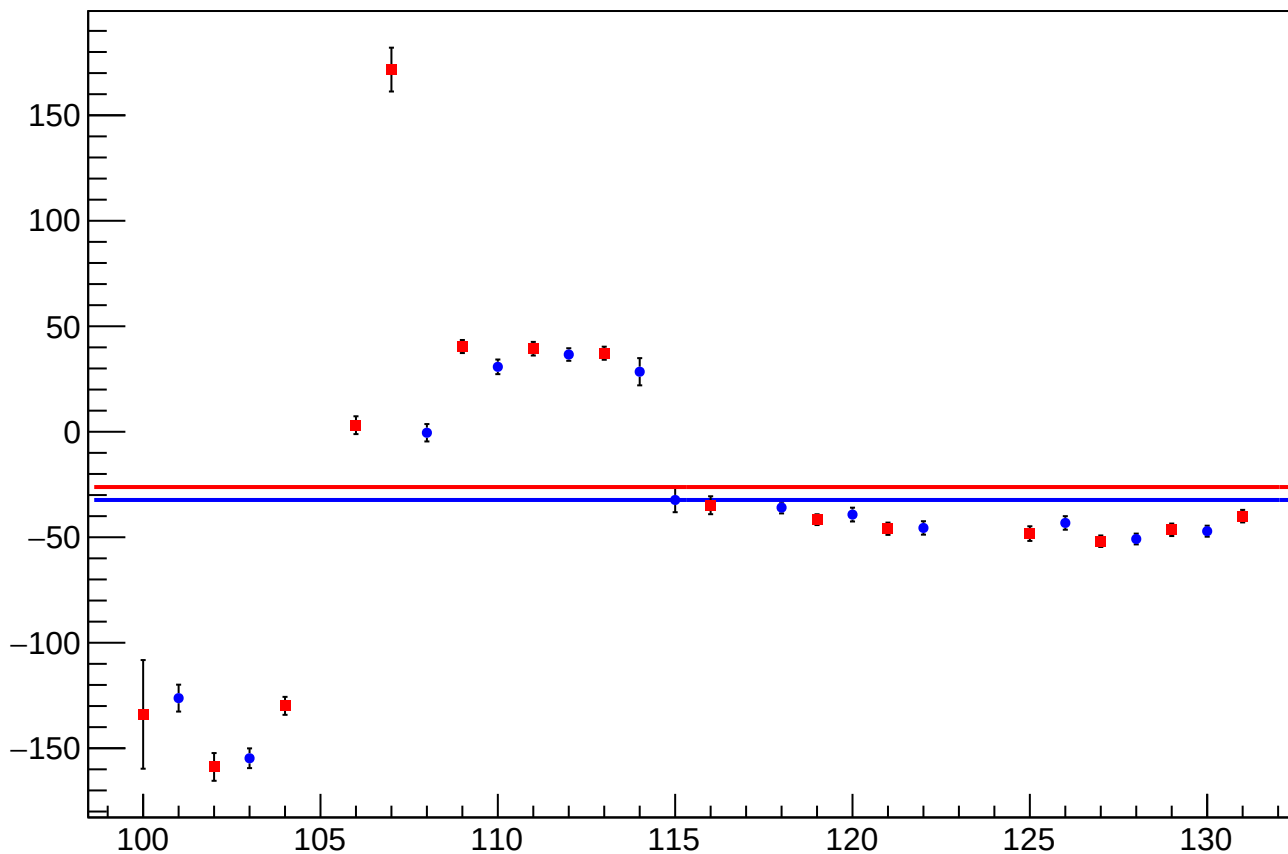
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.062 ± 0.580 χ^2/NDF : 203.0/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -32.330 $\pm$ 0.955 χ^2 /NDF: 2036.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -26.199 $\pm$ 0.905 χ^2 /NDF: 3007.6/14

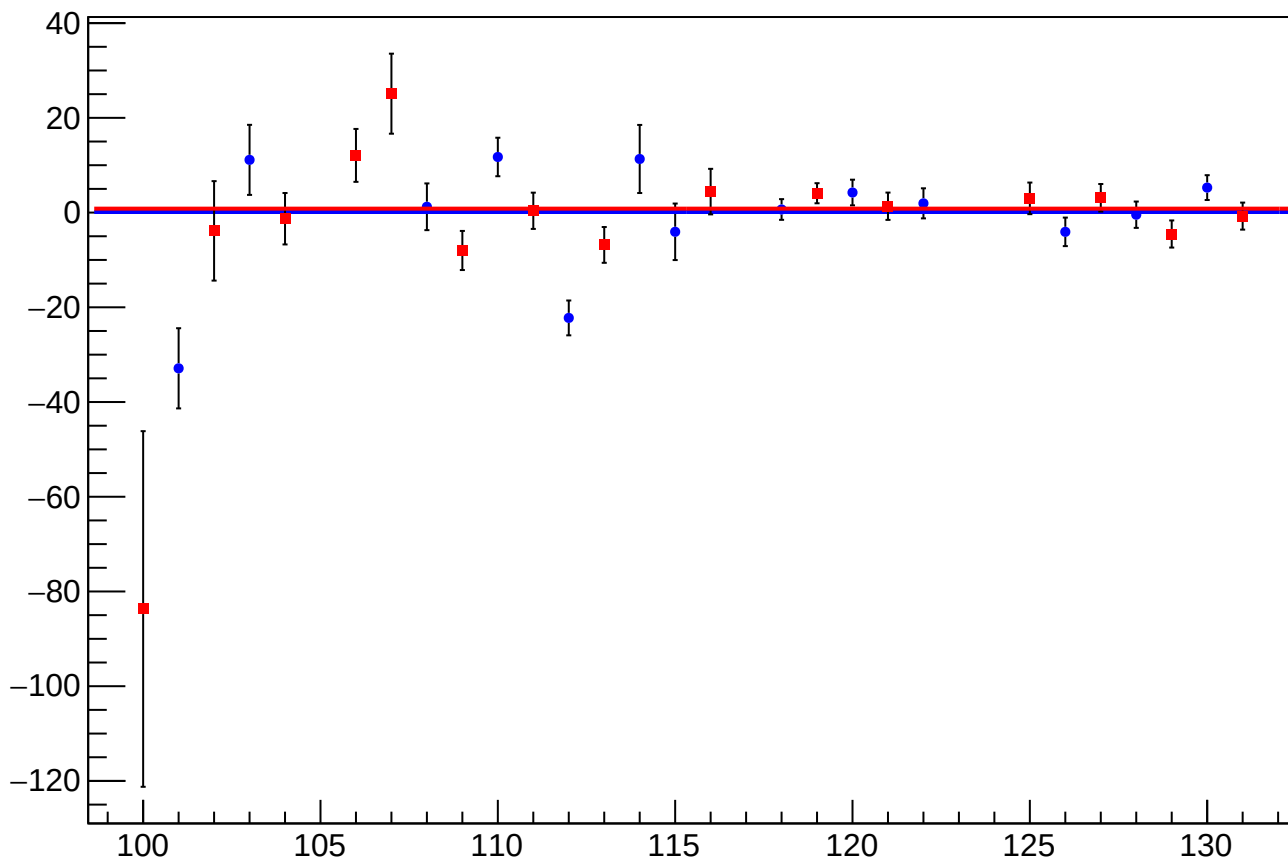
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -29.099 $\pm$ 0.657 χ^2 /NDF: 5065.8/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: 0.122+/-0.960 χ^2/NDF : 74.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.829+/-0.943 χ^2/NDF : 34.2/14

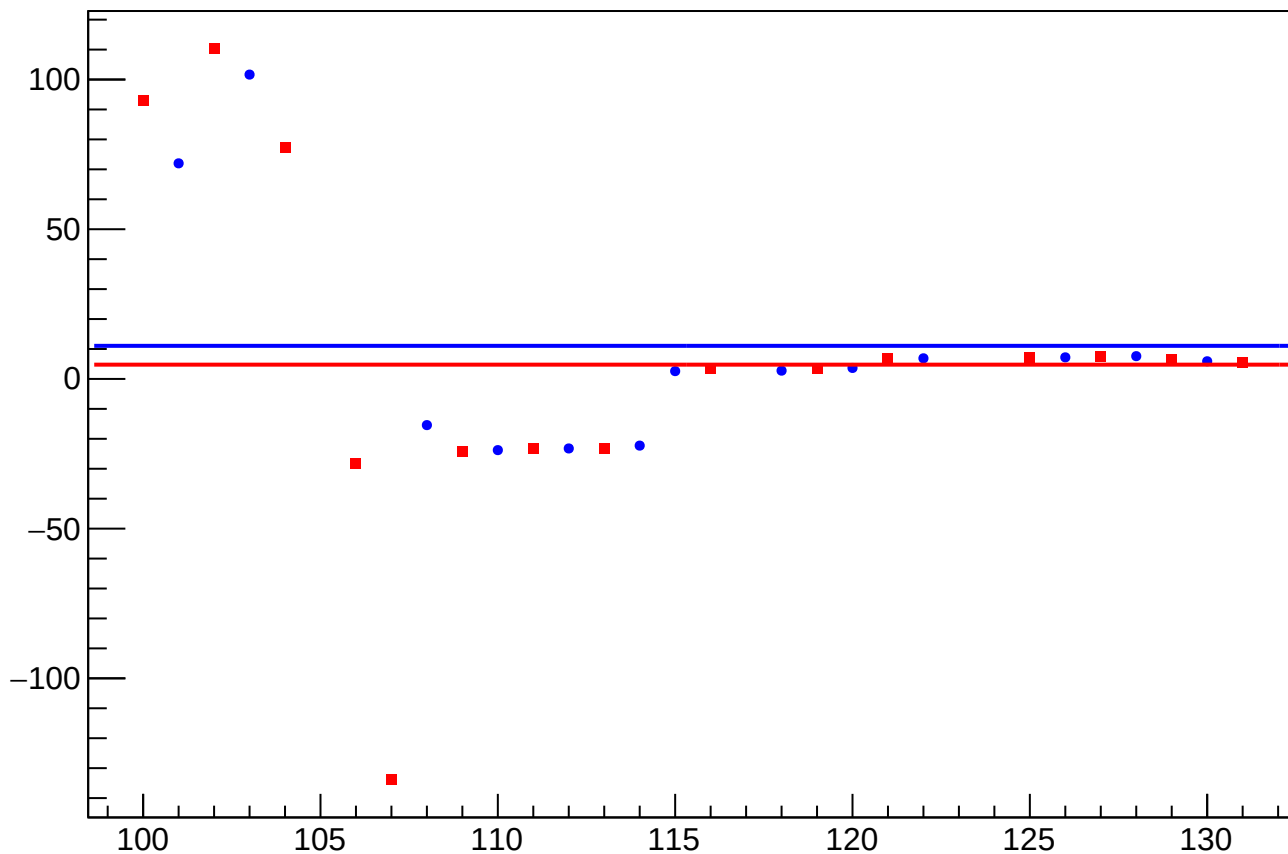
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.482+/-0.673 χ^2/NDF : 108.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 11.053+/-0.067 χ^2/NDF : 308880.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.767+/-0.064 χ^2/NDF : 446601.0/14

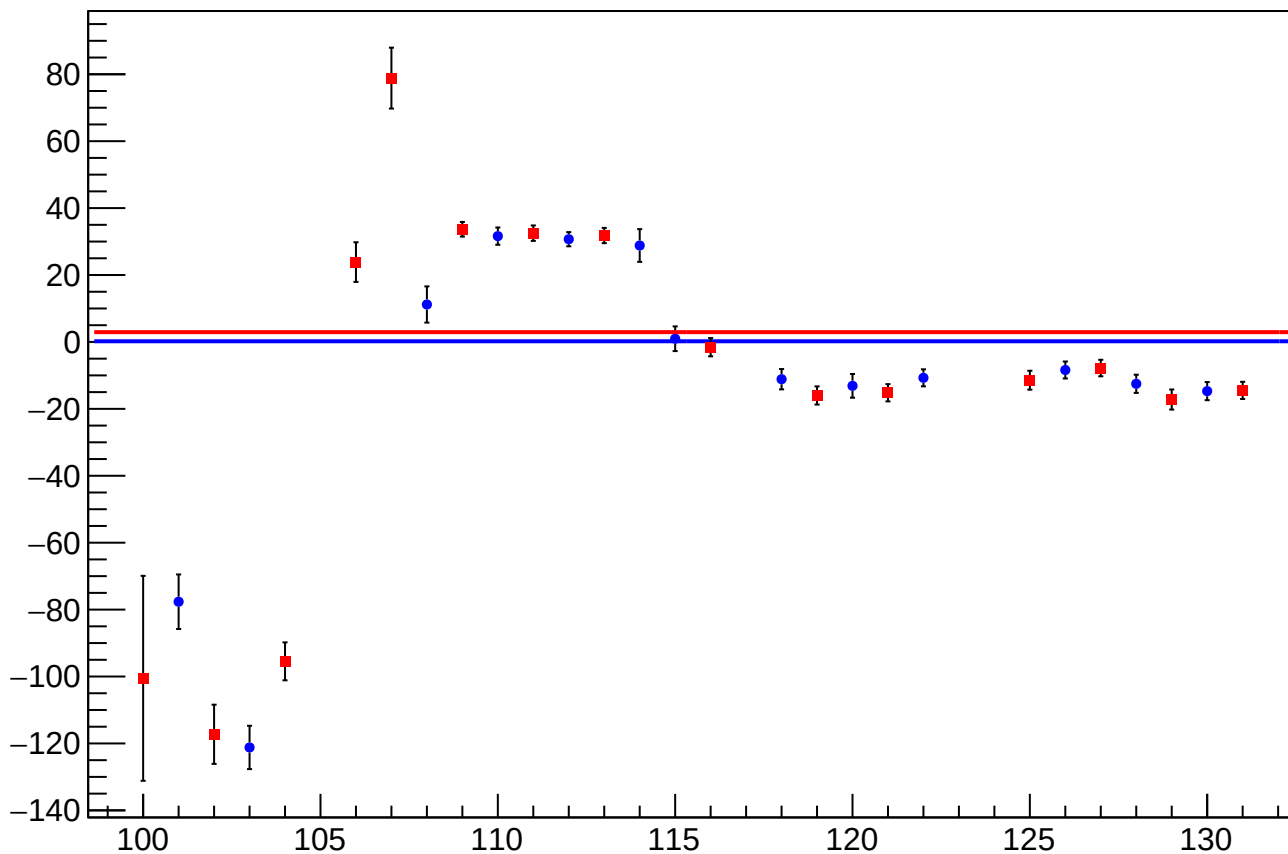
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.773+/-0.046 χ^2/NDF : 760044.0/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_dd_diff_bpm1X_slope vs Slug



Right In: 0.199+/-0.867 χ^2/NDF : 946.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.929+/-0.780 χ^2/NDF : 1336.8/14

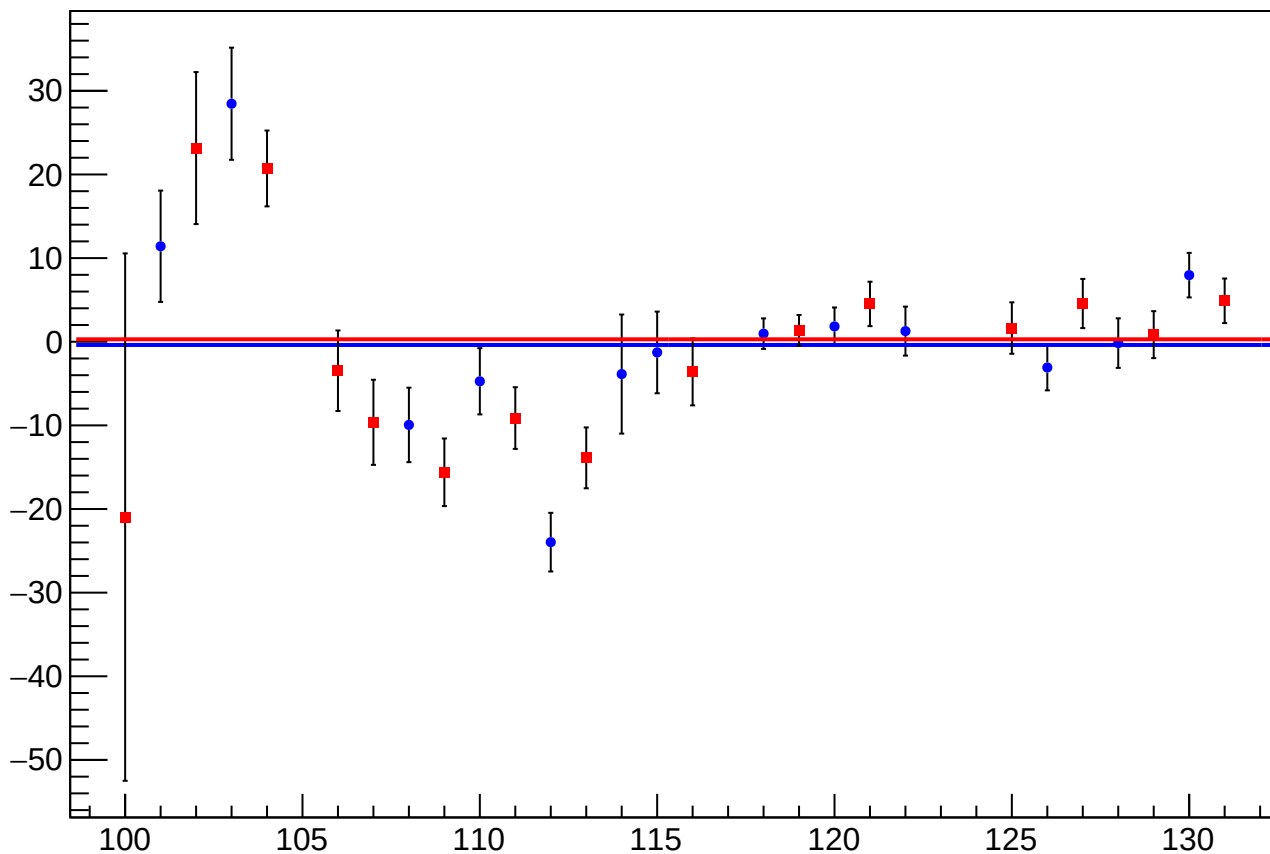
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.708+/-0.580 χ^2/NDF : 2288.6/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -0.385 ± 0.876 χ^2/NDF : 85.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.292 ± 0.862 χ^2/NDF : 77.8/14

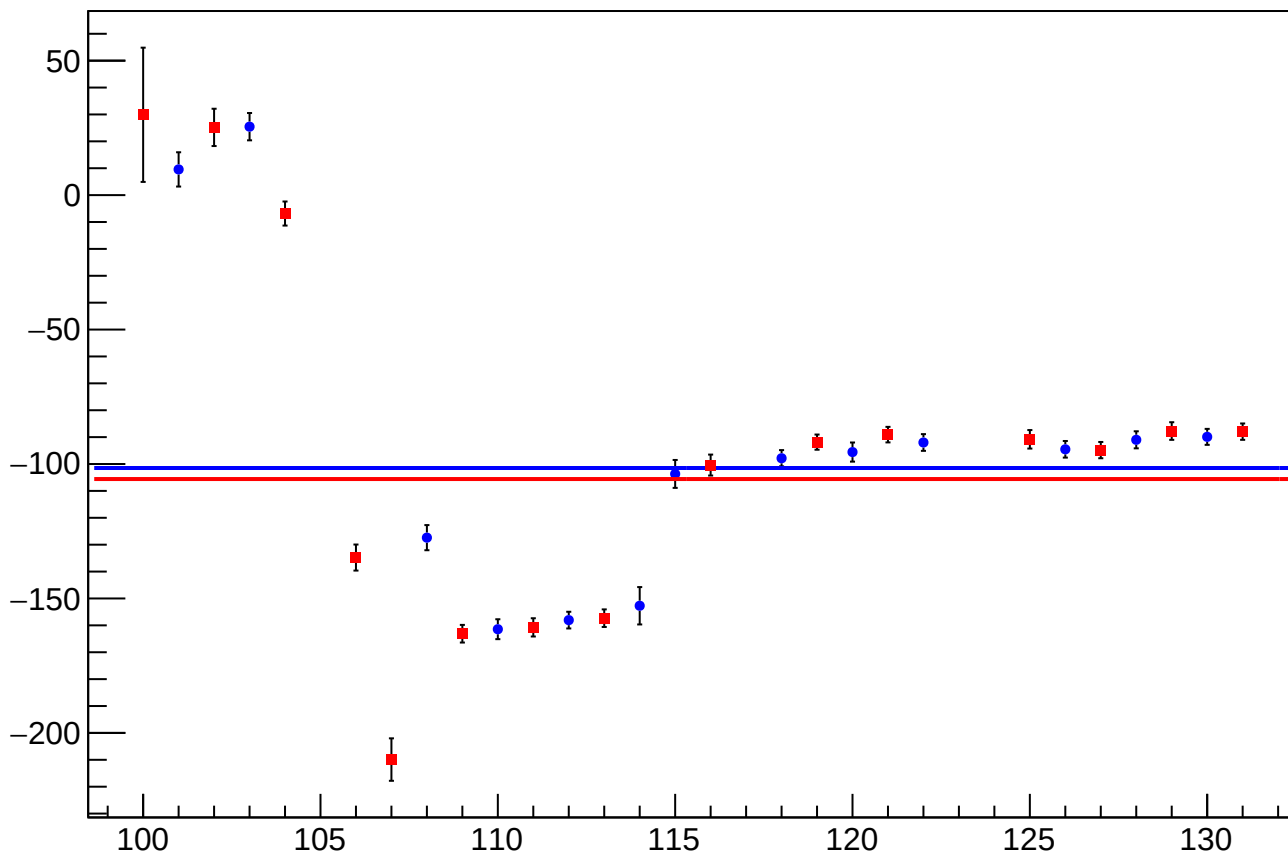
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.041 ± 0.614 χ^2/NDF : 163.7/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: -101.484+/-1.024 χ^2/NDF : 1653.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -105.586+/-0.949 χ^2/NDF : 2057.9/14

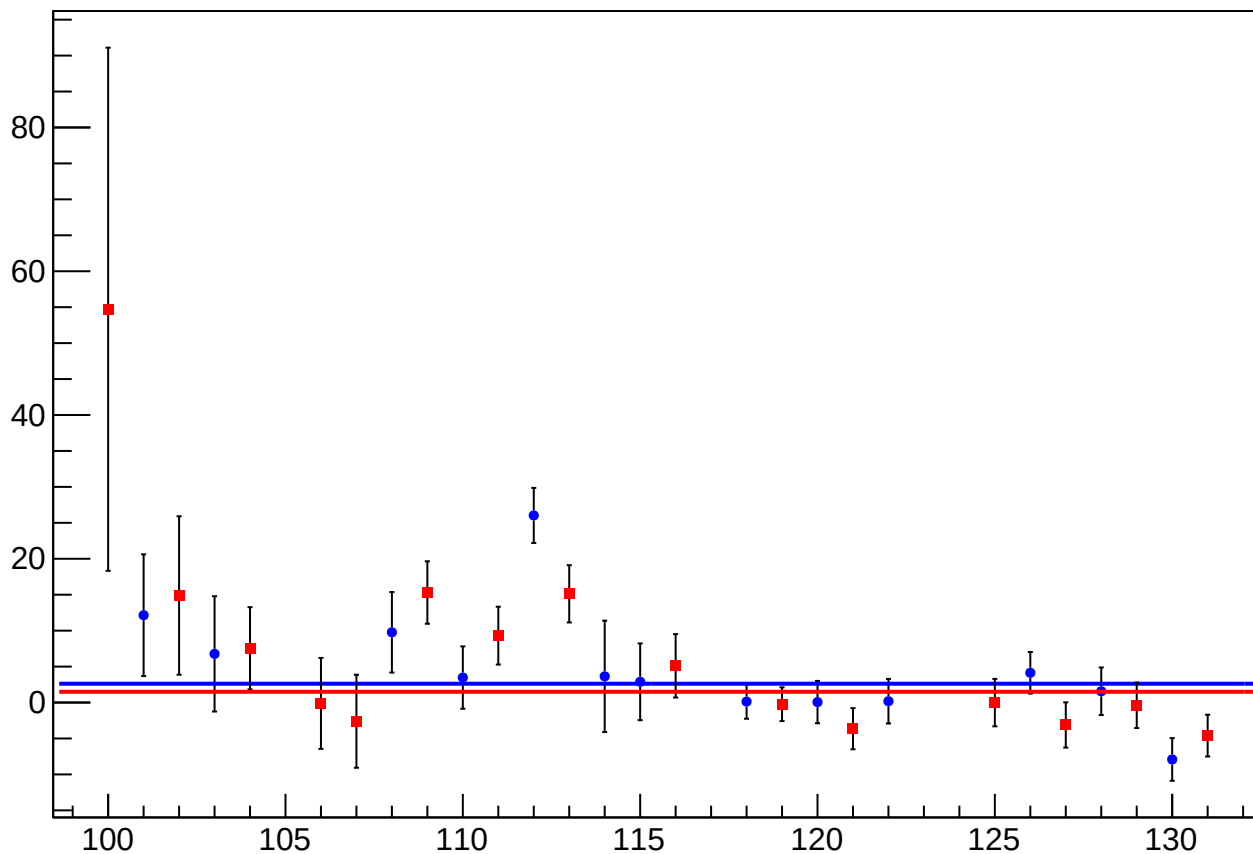
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -103.691+/-0.696 χ^2/NDF : 3719.6/27

- 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: 2.618+/-1.024 χ^2/NDF : 56.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.498+/-0.984 χ^2/NDF : 42.3/14

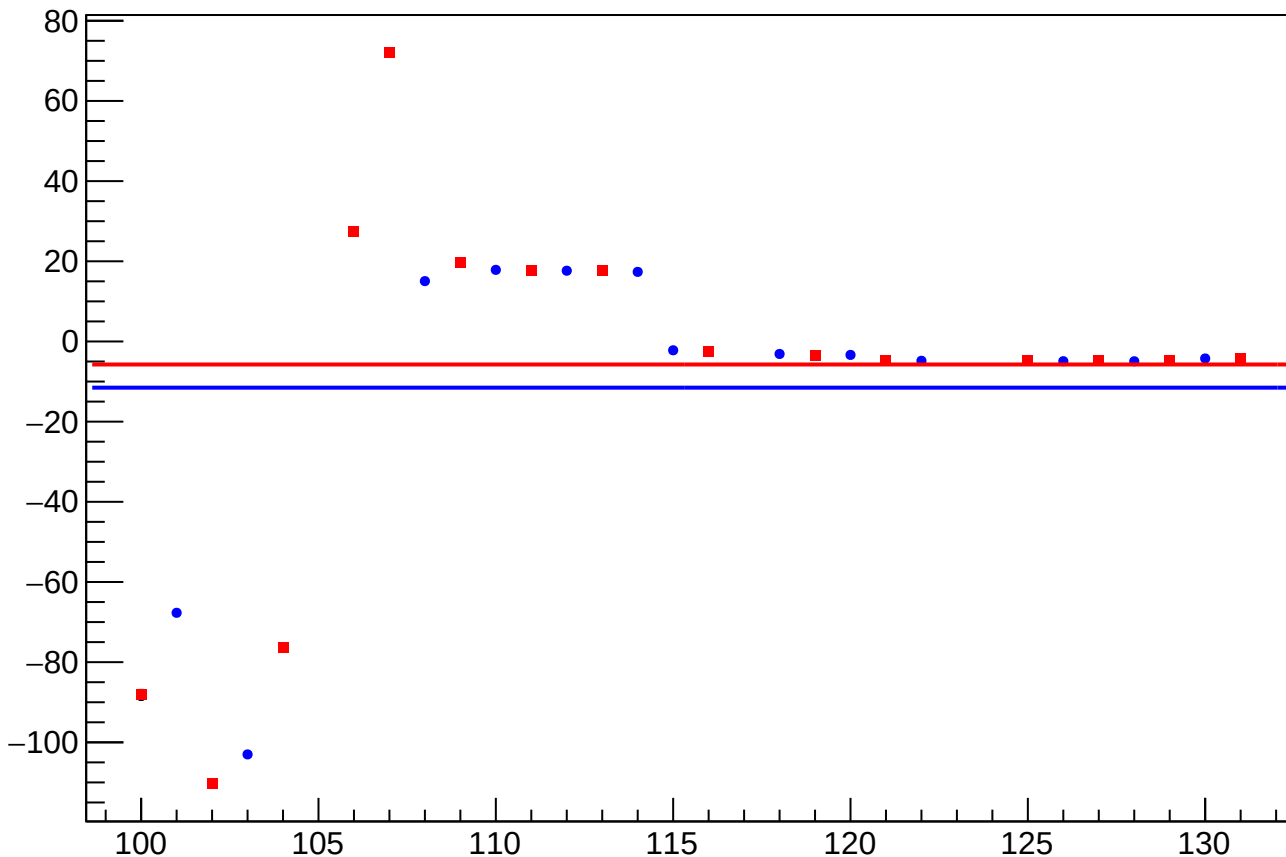
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.036+/-0.710 χ^2/NDF : 98.9/27

- 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: -11.522+/-0.072 χ^2/NDF : 257789.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.744+/-0.068 χ^2/NDF : 338886.9/14

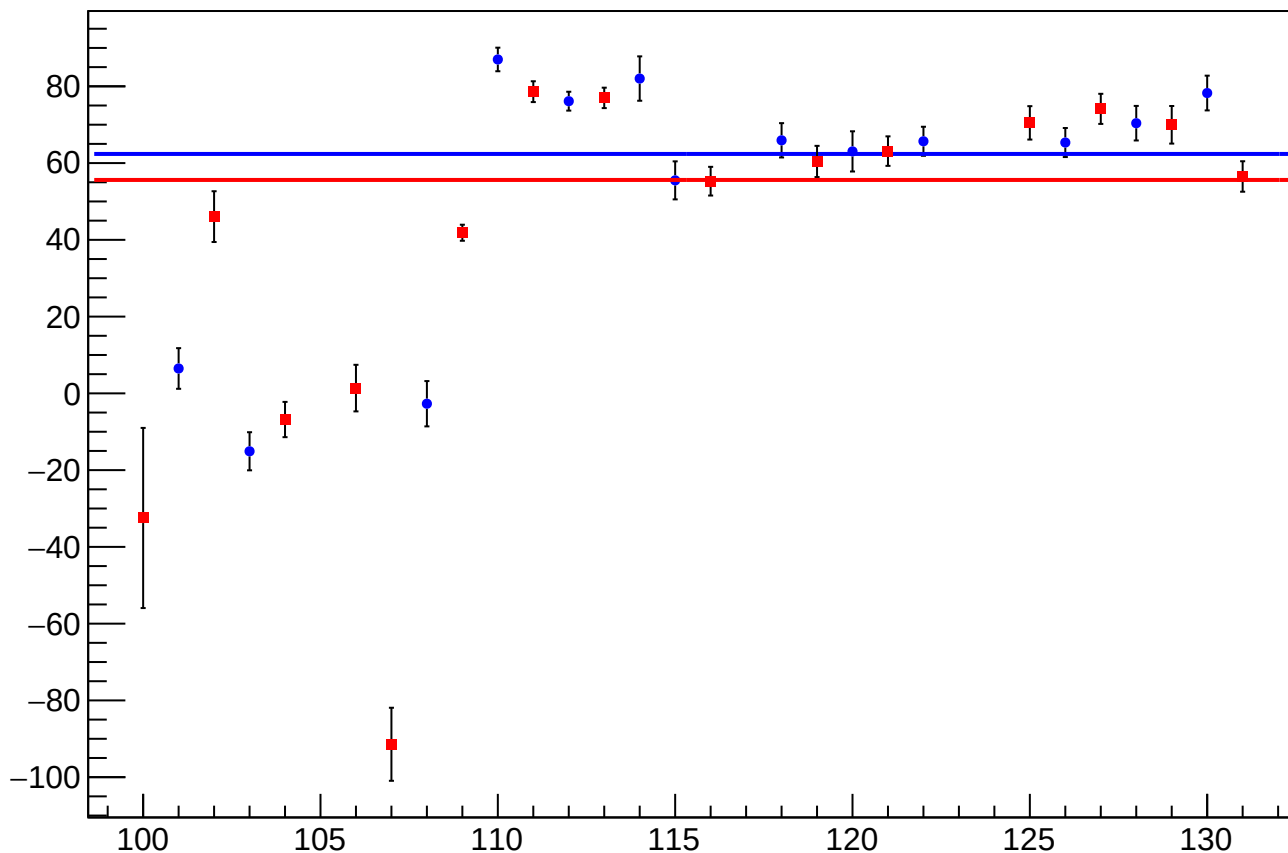
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.435+/-0.049 χ^2/NDF : 600085.4/27

- 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: 62.380+/-1.138 χ^2/NDF : 602.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.604+/-0.981 χ^2/NDF : 747.0/14

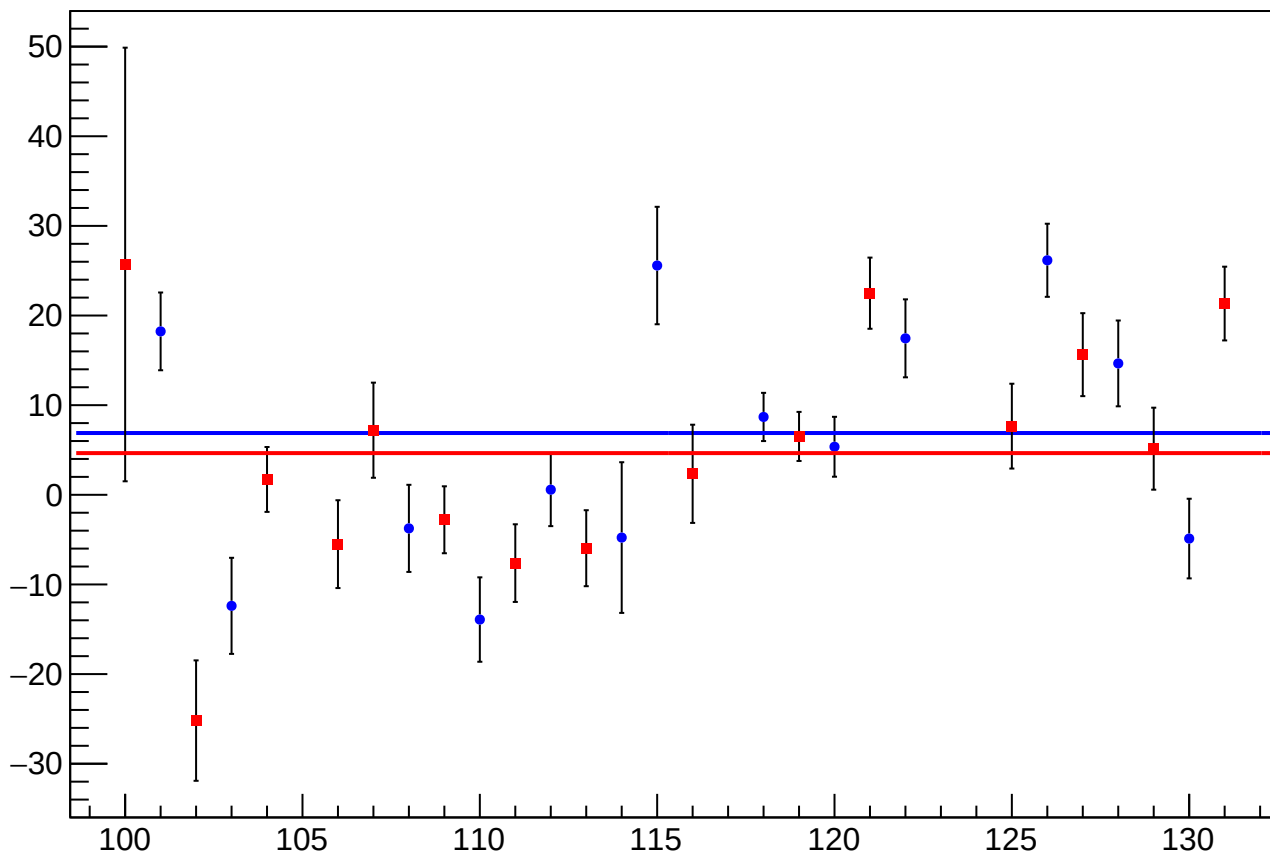
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.492+/-0.743 χ^2/NDF : 1370.3/27

- 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: 6.893+/-1.188 χ^2/NDF : 95.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.652+/-1.128 χ^2/NDF : 87.3/14

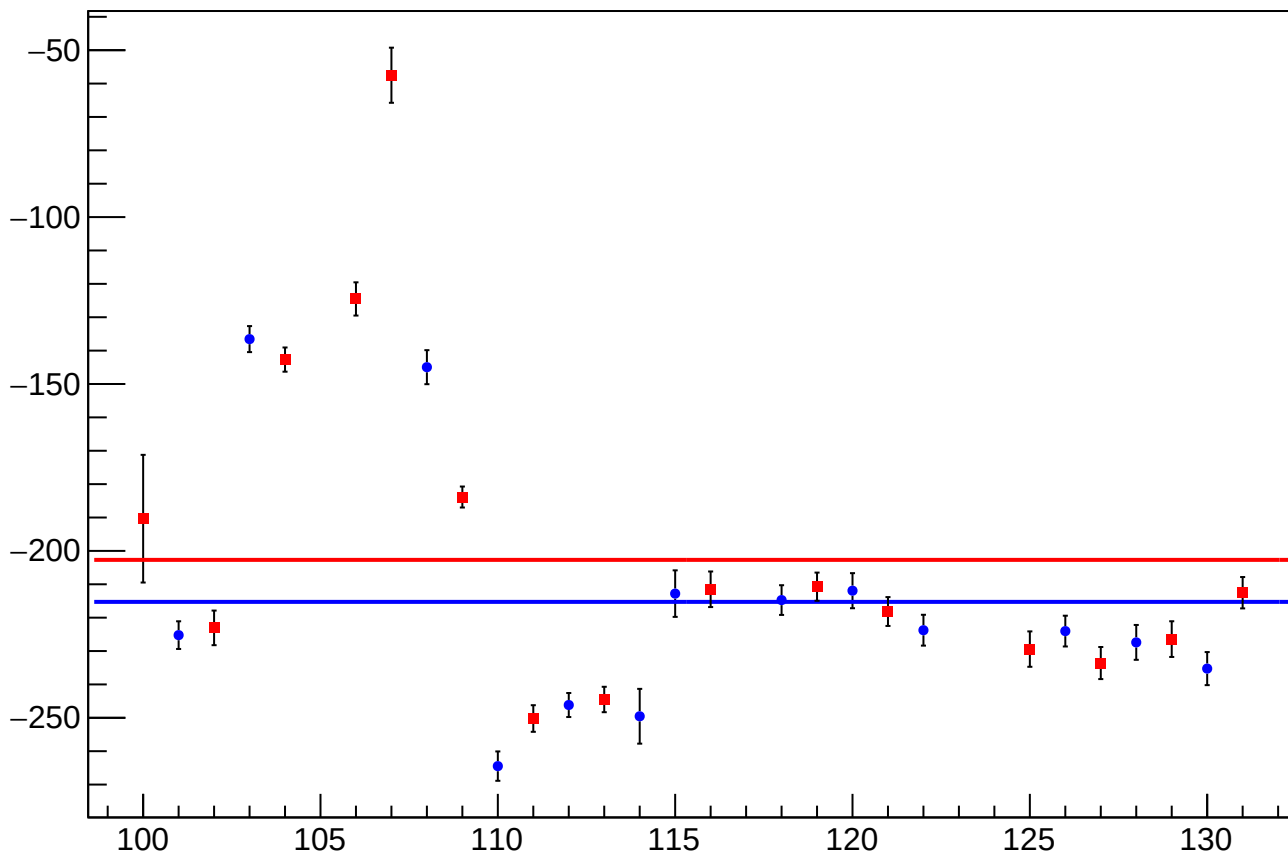
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.714+/-0.818 χ^2/NDF : 184.3/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -215.270+/-1.308 χ^2/NDF : 849.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -202.688+/-1.188 χ^2/NDF : 1254.3/14

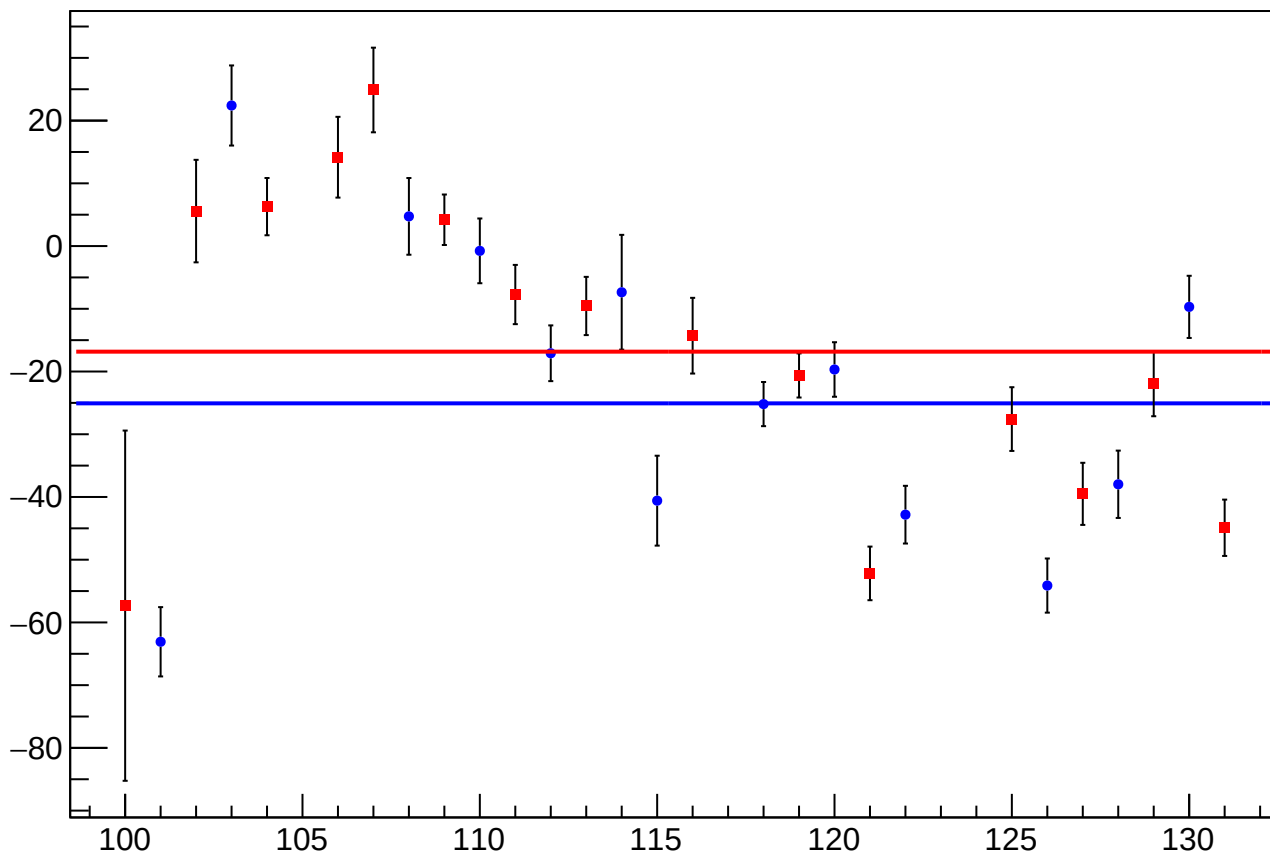
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -208.379+/-0.879 χ^2/NDF : 2154.4/27

- 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: -25.074 ± 1.395 χ^2/NDF : 237.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.834 ± 1.298 χ^2/NDF : 265.5/14

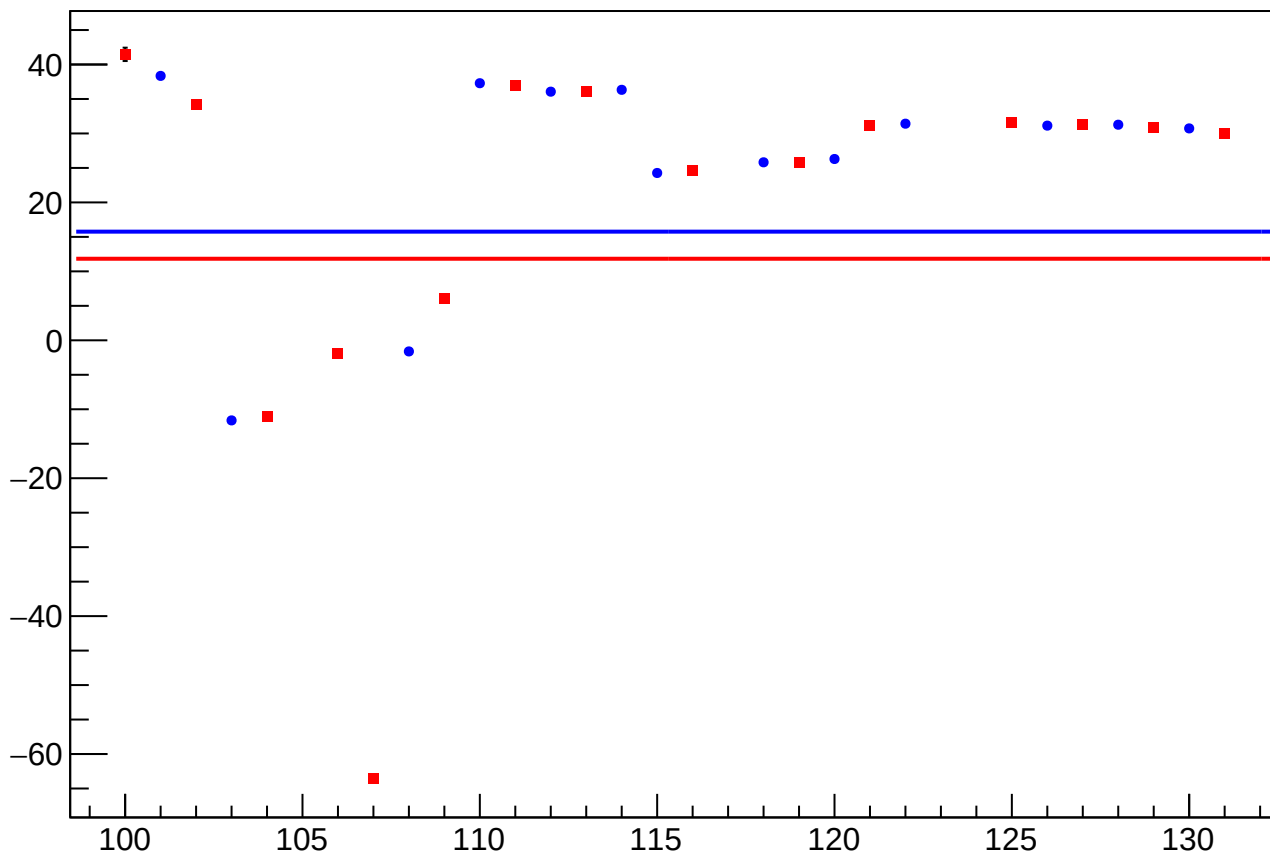
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.657 ± 0.950 χ^2/NDF : 521.6/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 15.760 $\pm$ 0.083 χ^2 /NDF: 61547.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.830 $\pm$ 0.076 χ^2 /NDF: 111185.3/14

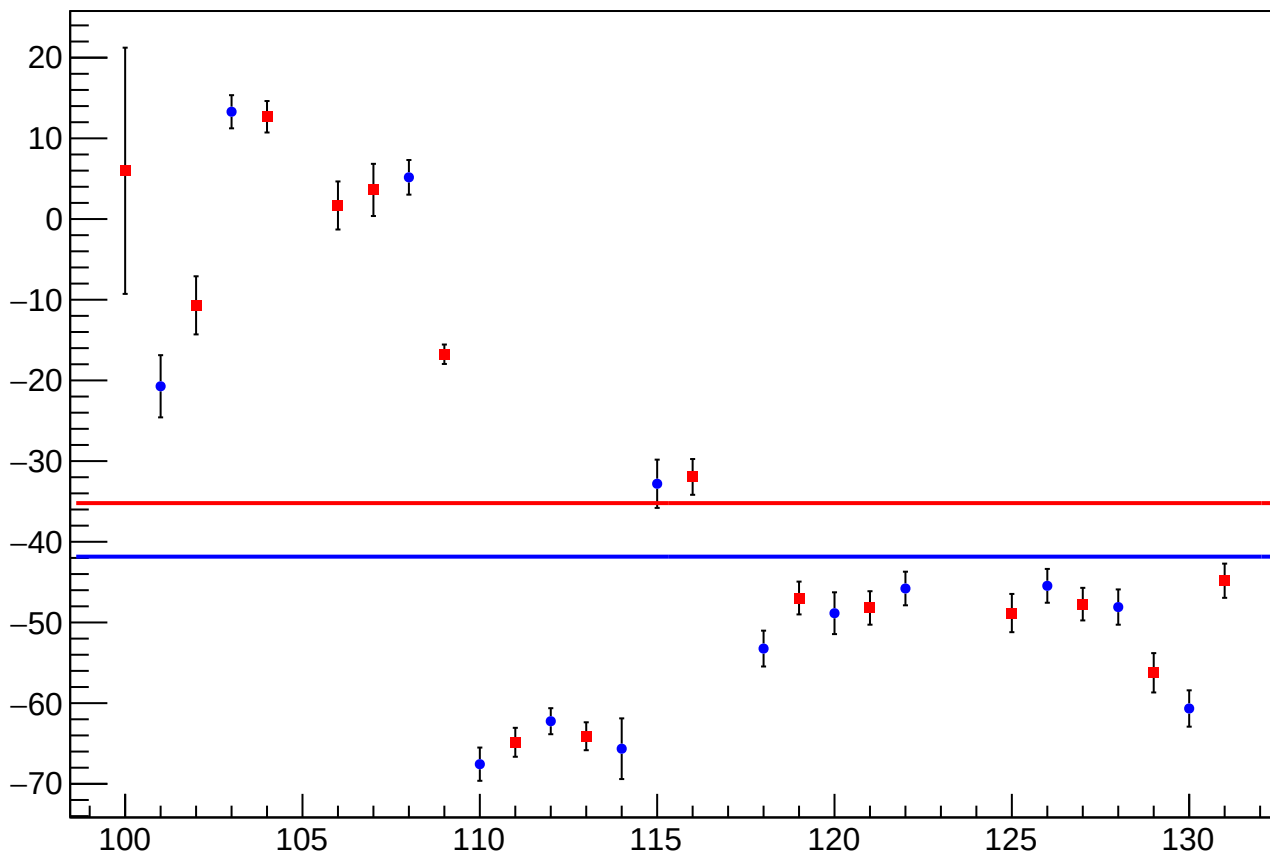
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.622 $\pm$ 0.056 χ^2 /NDF: 173948.8/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_dd_diff_bpm1X_slope vs Slug



Right In: -41.842 ± 0.628 χ^2/NDF : 1712.6/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.207 ± 0.544 χ^2/NDF : 1981.9/14

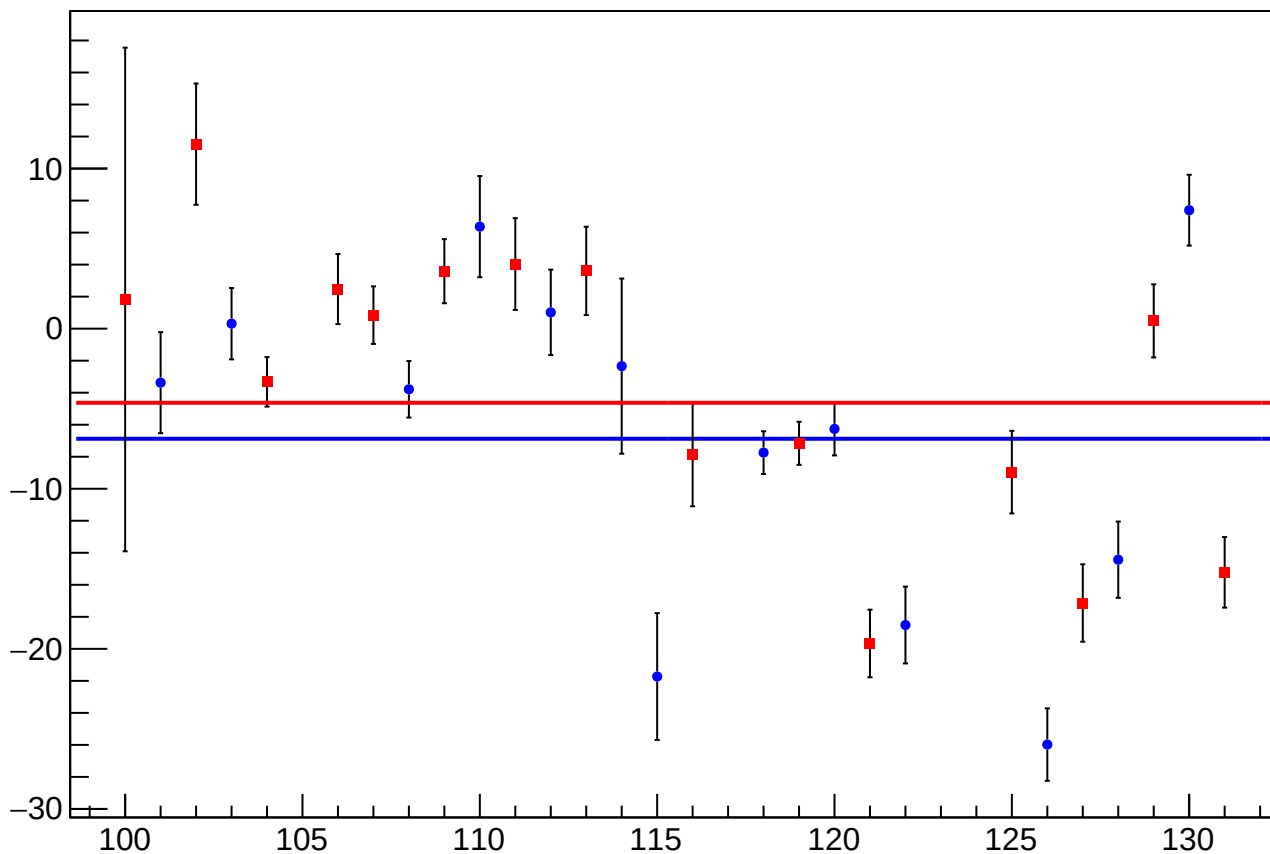
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -38.054 ± 0.411 χ^2/NDF : 3758.3/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -6.878+/-0.616 χ^2/NDF : 202.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.631+/-0.568 χ^2/NDF : 186.7/14

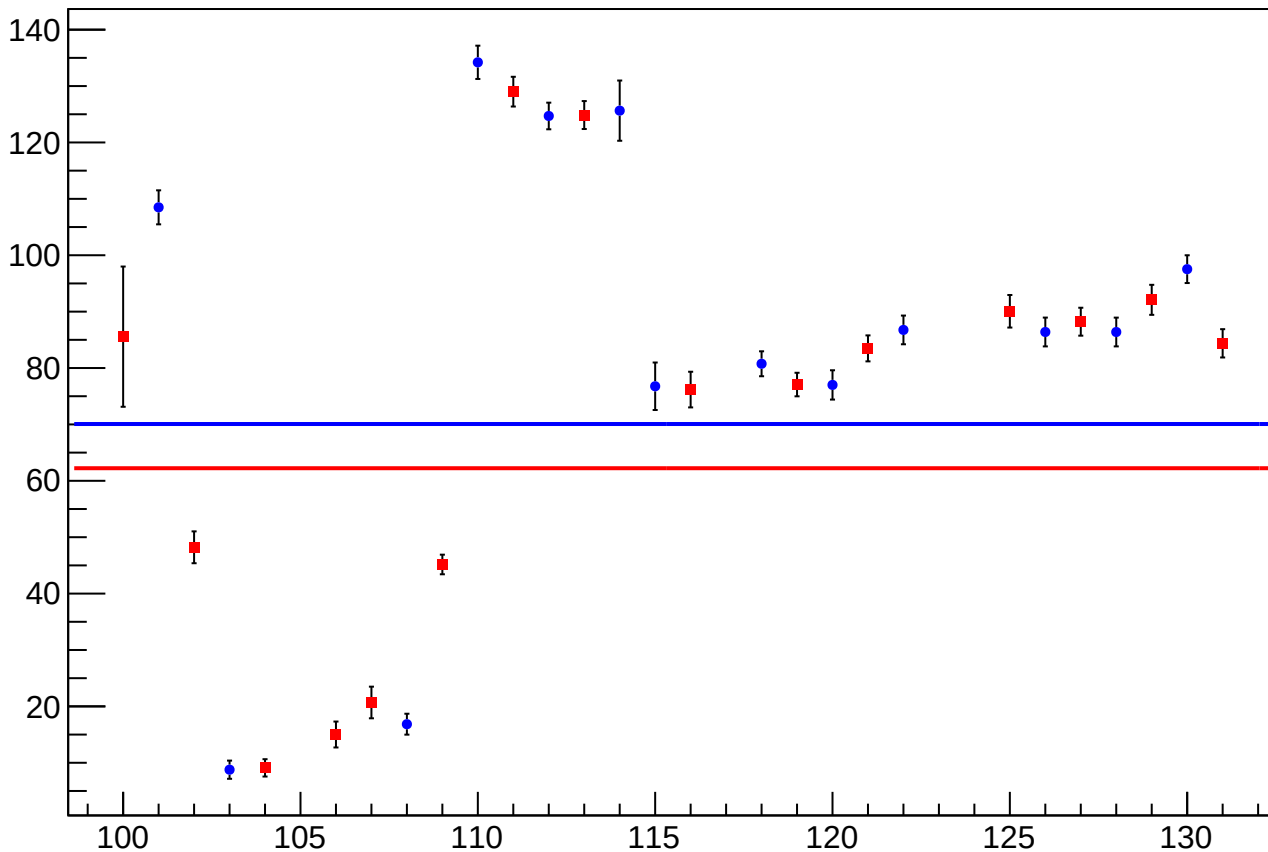
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.663+/-0.417 χ^2/NDF : 396.7/27

- 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: 70.072 $\pm$ 0.682 χ^2 /NDF: 3827.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 62.232 $\pm$ 0.619 χ^2 /NDF: 3801.1/14

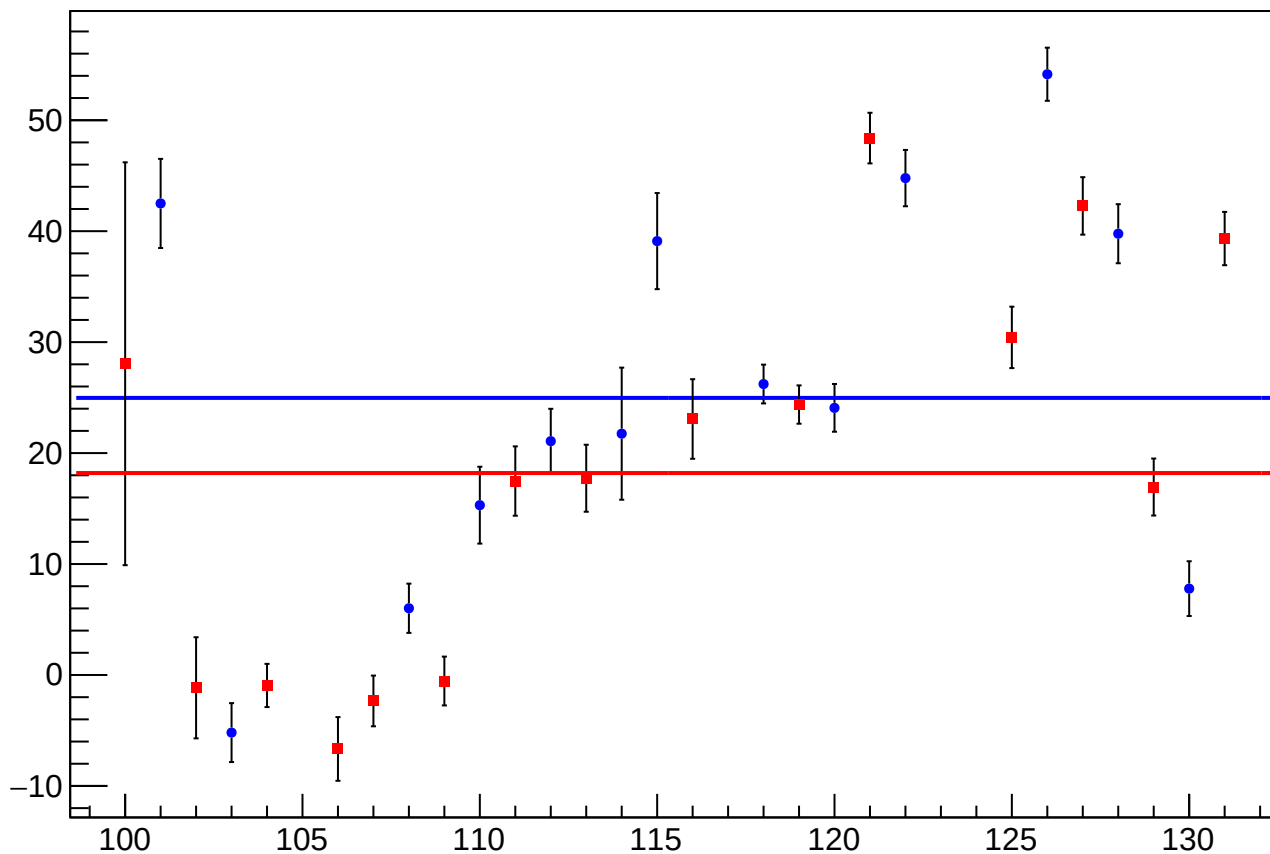
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 65.773 $\pm$ 0.458 χ^2 /NDF: 7700.6/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 24.974 $\pm$ 0.732 χ^2 /NDF: 531.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.202 $\pm$ 0.666 χ^2 /NDF: 716.7/14

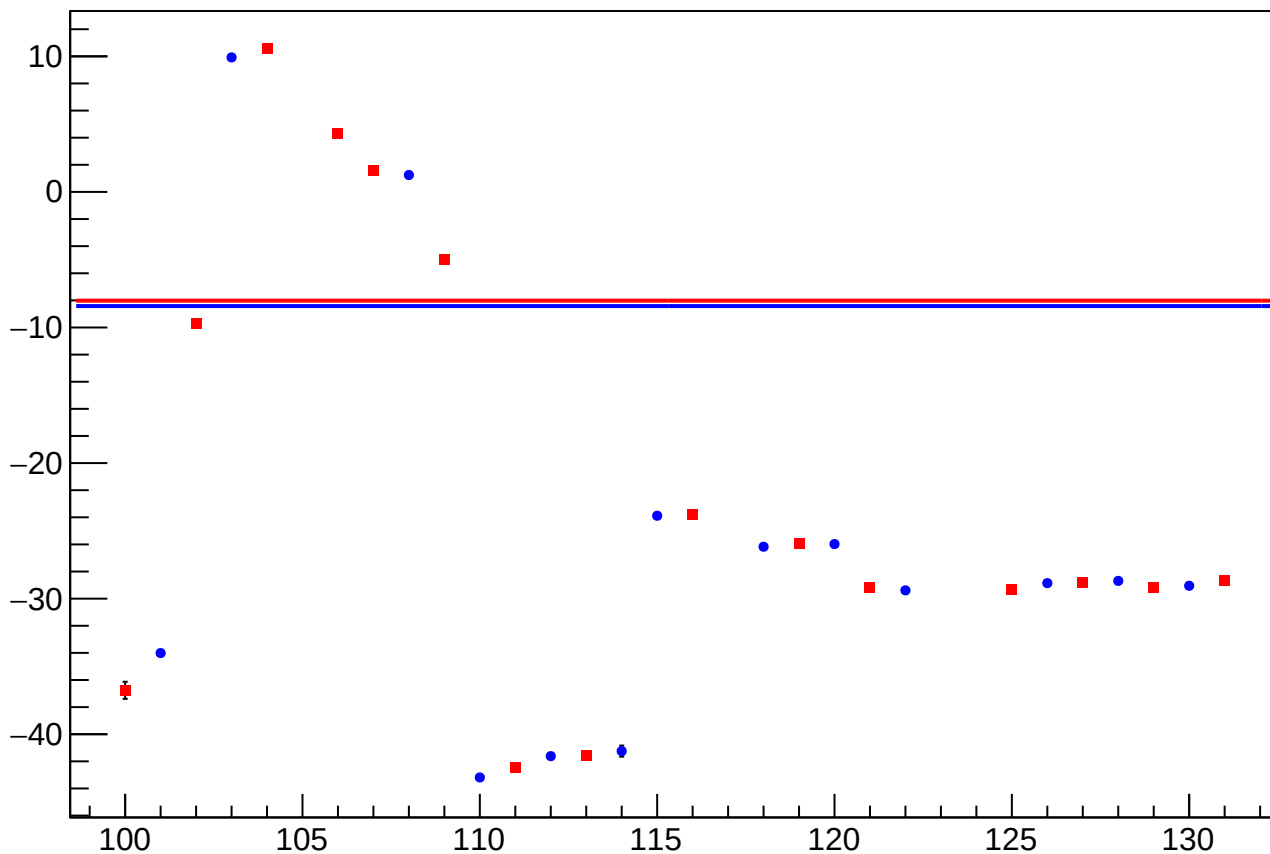
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.270 $\pm$ 0.492 χ^2 /NDF: 1294.8/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_dd_diff_bpm12X_slope vs Slug



Right In: -8.420+/-0.039 χ^2/NDF : 231913.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.020+/-0.038 χ^2/NDF : 211922.8/14

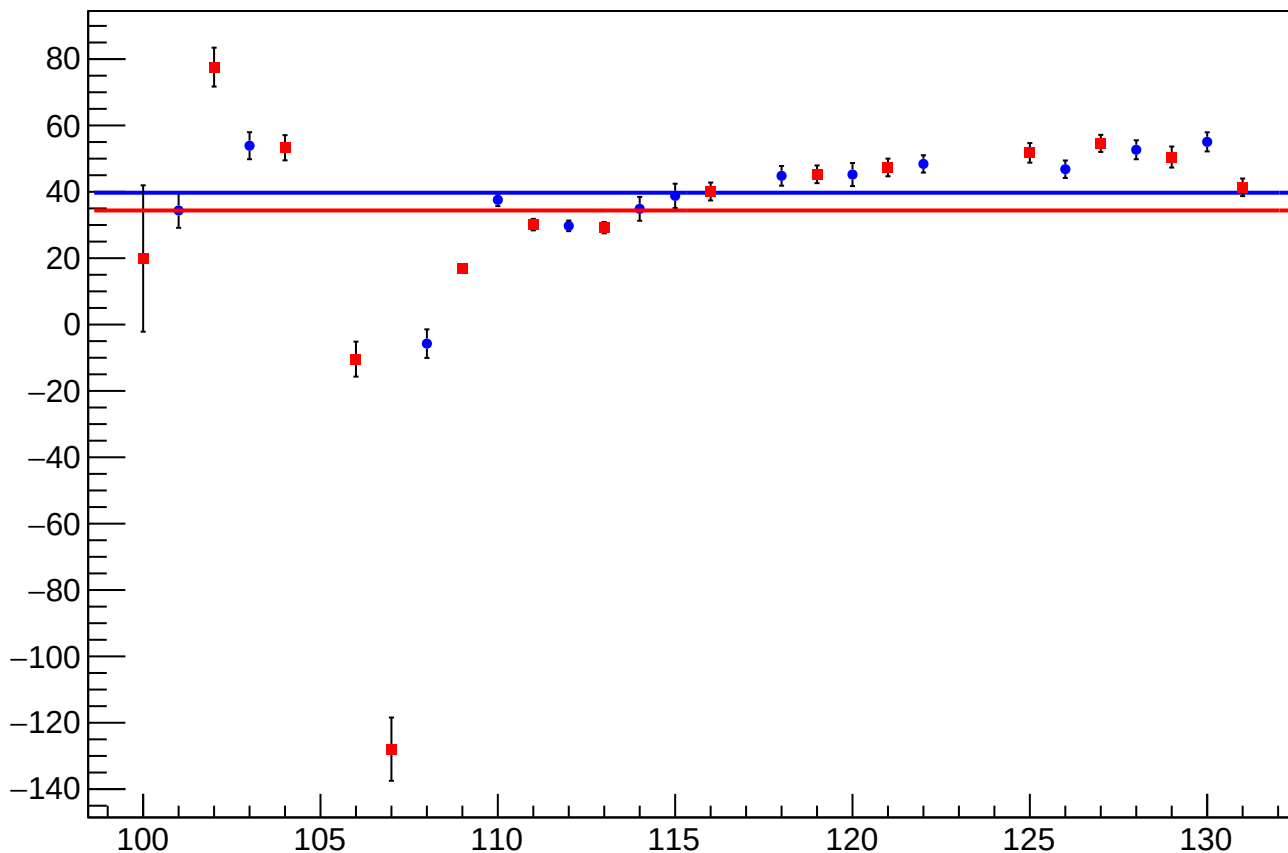
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.211+/-0.027 χ^2/NDF : 443889.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 39.729 $\pm$ 0.766 χ^2 /NDF: 239.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 34.379 $\pm$ 0.675 χ^2 /NDF: 764.9/14

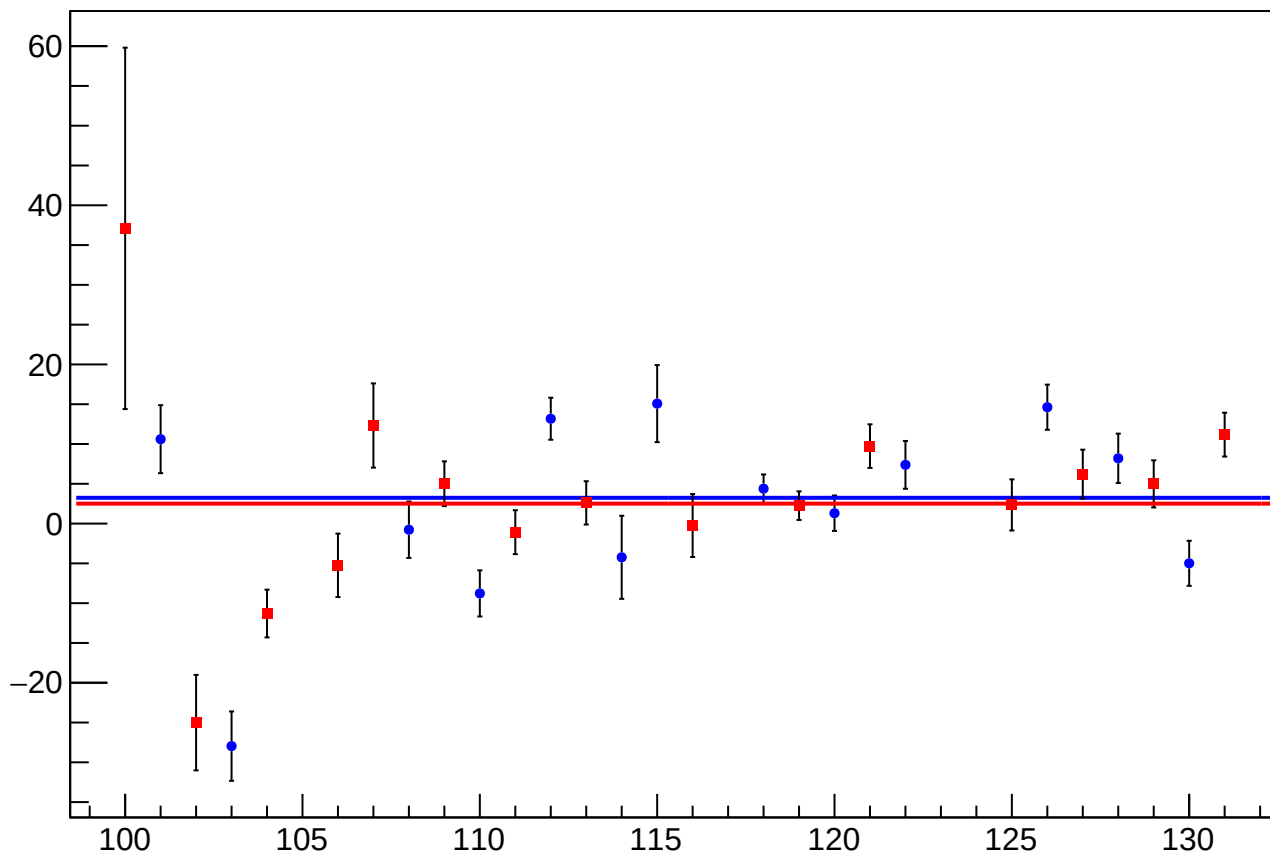
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.718 $\pm$ 0.506 χ^2 /NDF: 1031.9/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 3.241+/-0.814 χ^2/NDF : 125.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.507+/-0.794 χ^2/NDF : 73.8/14

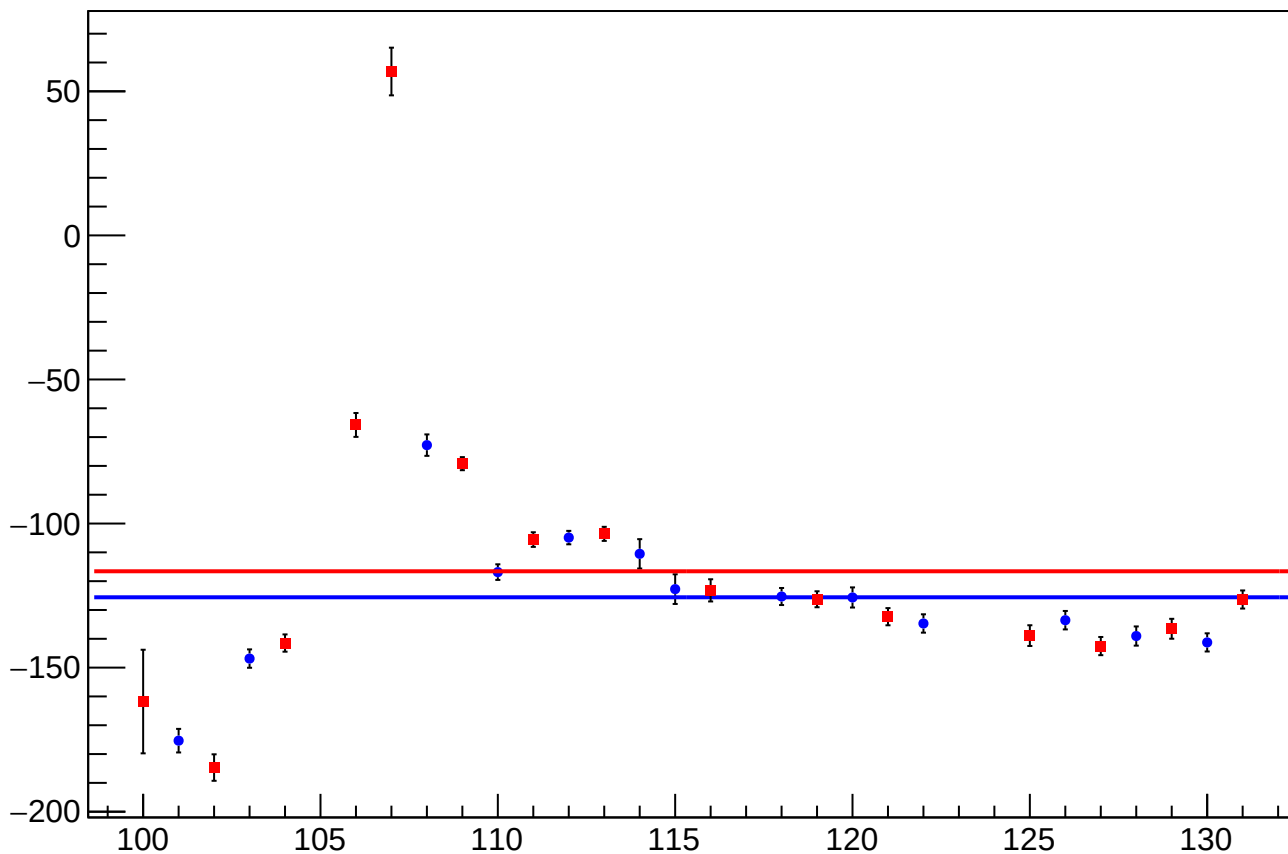
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.864+/-0.568 χ^2/NDF : 199.3/27

- 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: -125.592 ± 0.910 χ^2/NDF : 547.2/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -116.567 ± 0.838 χ^2/NDF : 1394.8/14

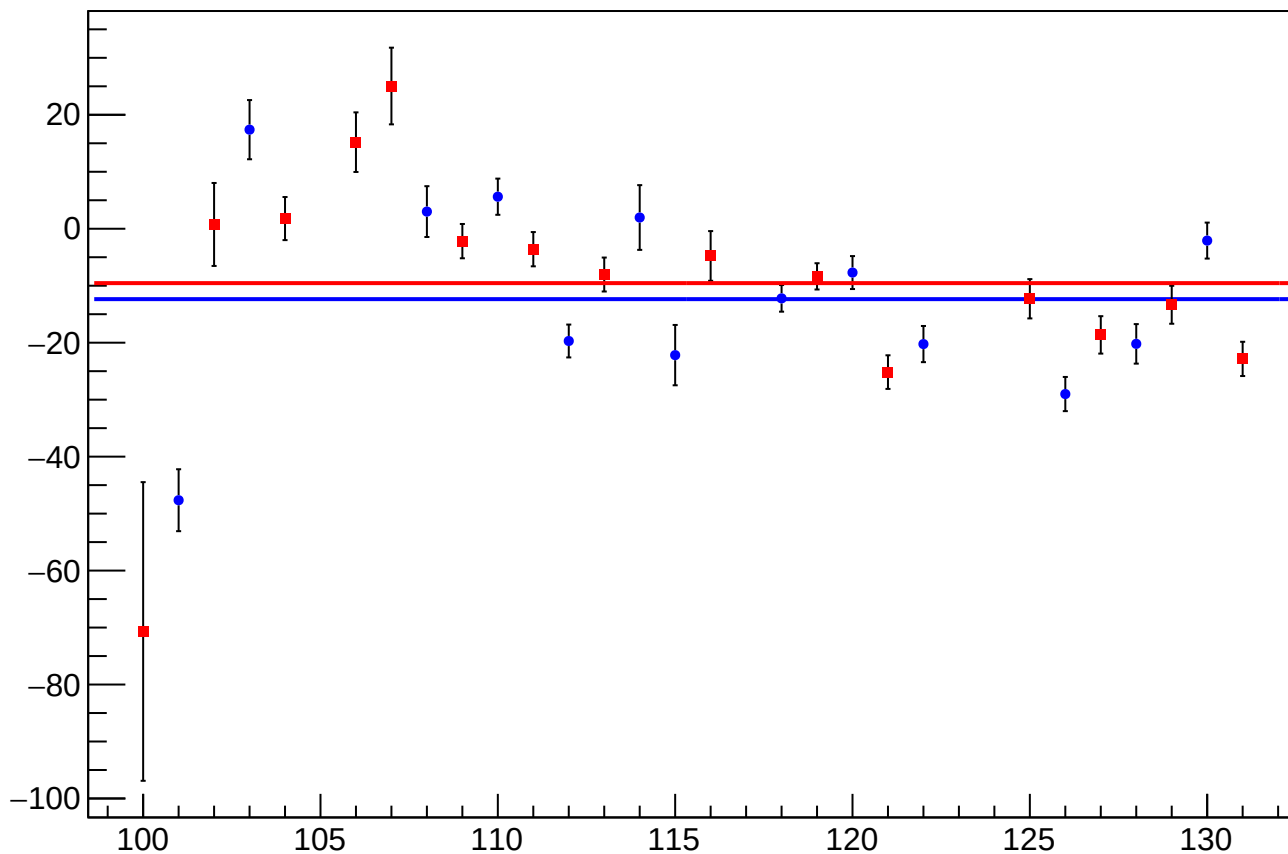
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -120.710 ± 0.616 χ^2/NDF : 1995.2/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -12.356 $\pm$ 0.952 χ^2 /NDF: 190.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -9.544 $\pm$ 0.907 χ^2 /NDF: 134.0/14

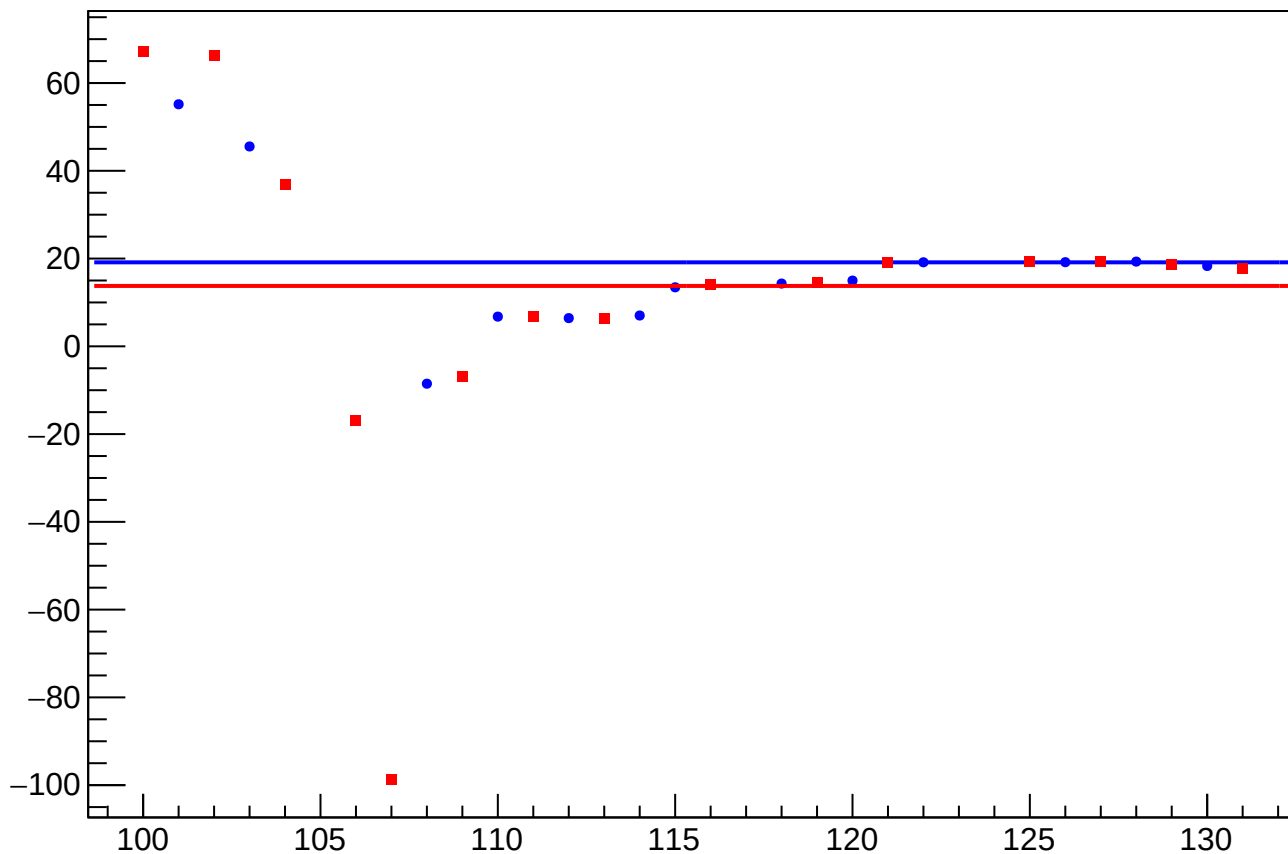
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.882 $\pm$ 0.657 χ^2 /NDF: 329.1/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 19.139+/-0.061 χ^2/NDF : 104035.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.764+/-0.057 χ^2/NDF : 253223.4/14

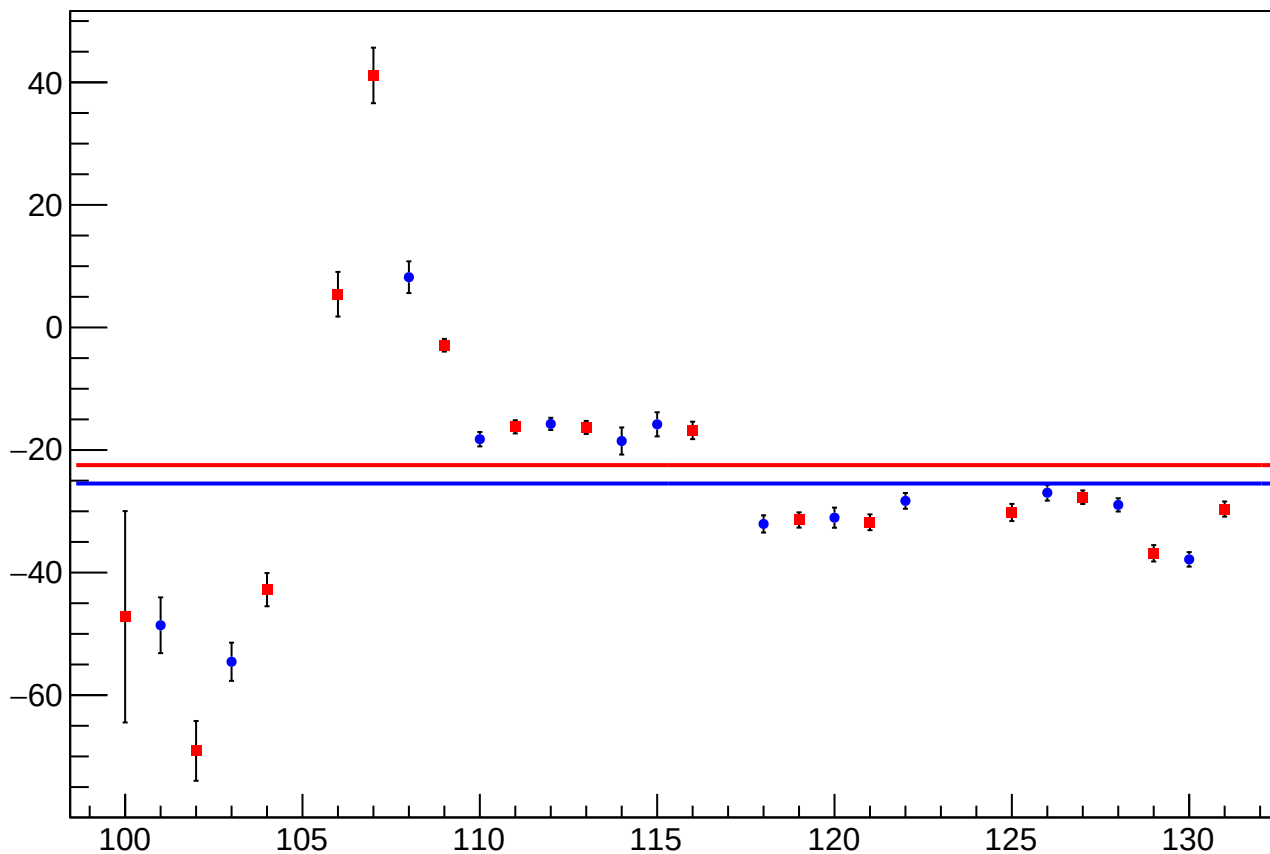
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.311+/-0.042 χ^2/NDF : 361400.9/27

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_dd_diff_bpm1X_slope vs Slug



Right In: -25.469 ± 0.404 χ^2/NDF : 608.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -22.465 ± 0.371 χ^2/NDF : 1151.5/14

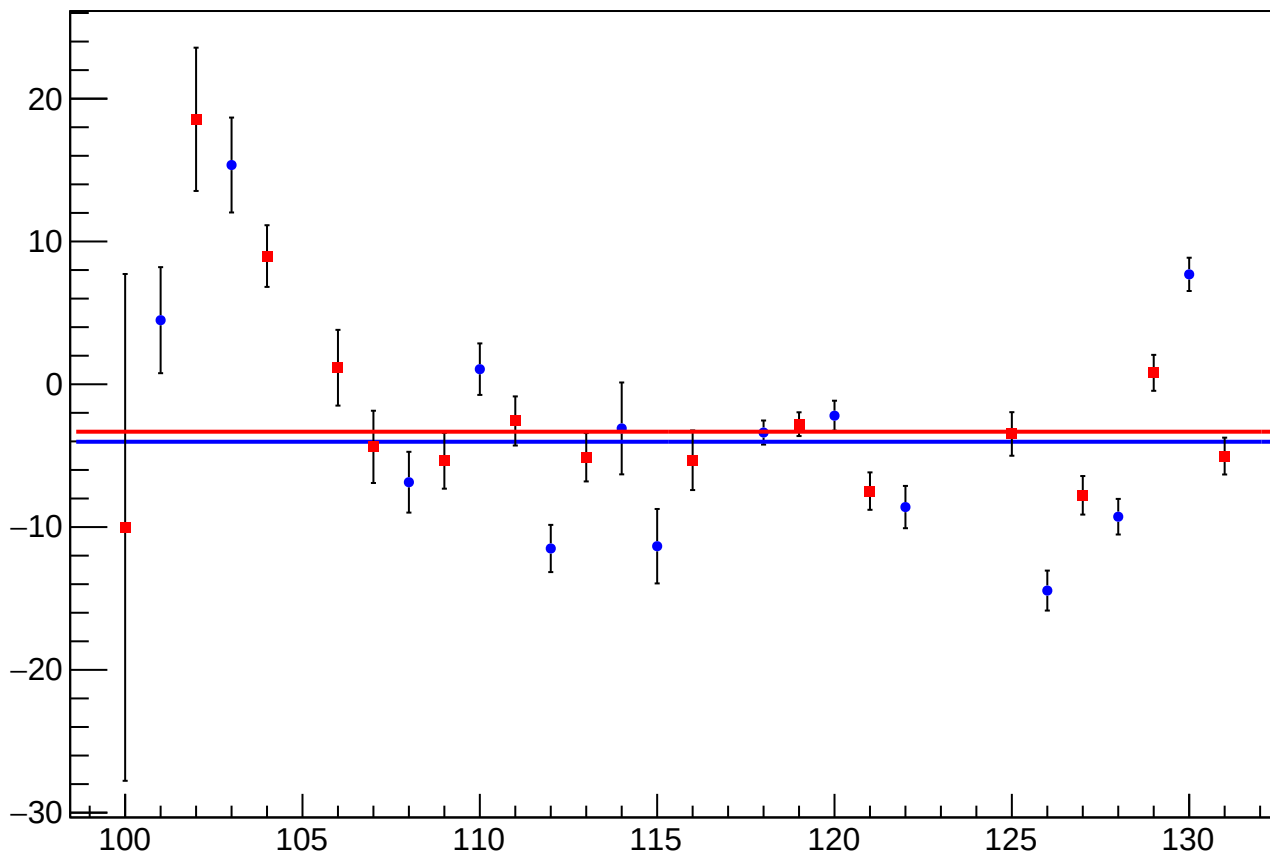
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -23.841 ± 0.273 χ^2/NDF : 1790.0/27

- 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: -4.025 ± 0.410 χ^2/NDF : 264.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.321 ± 0.409 χ^2/NDF : 91.8/14

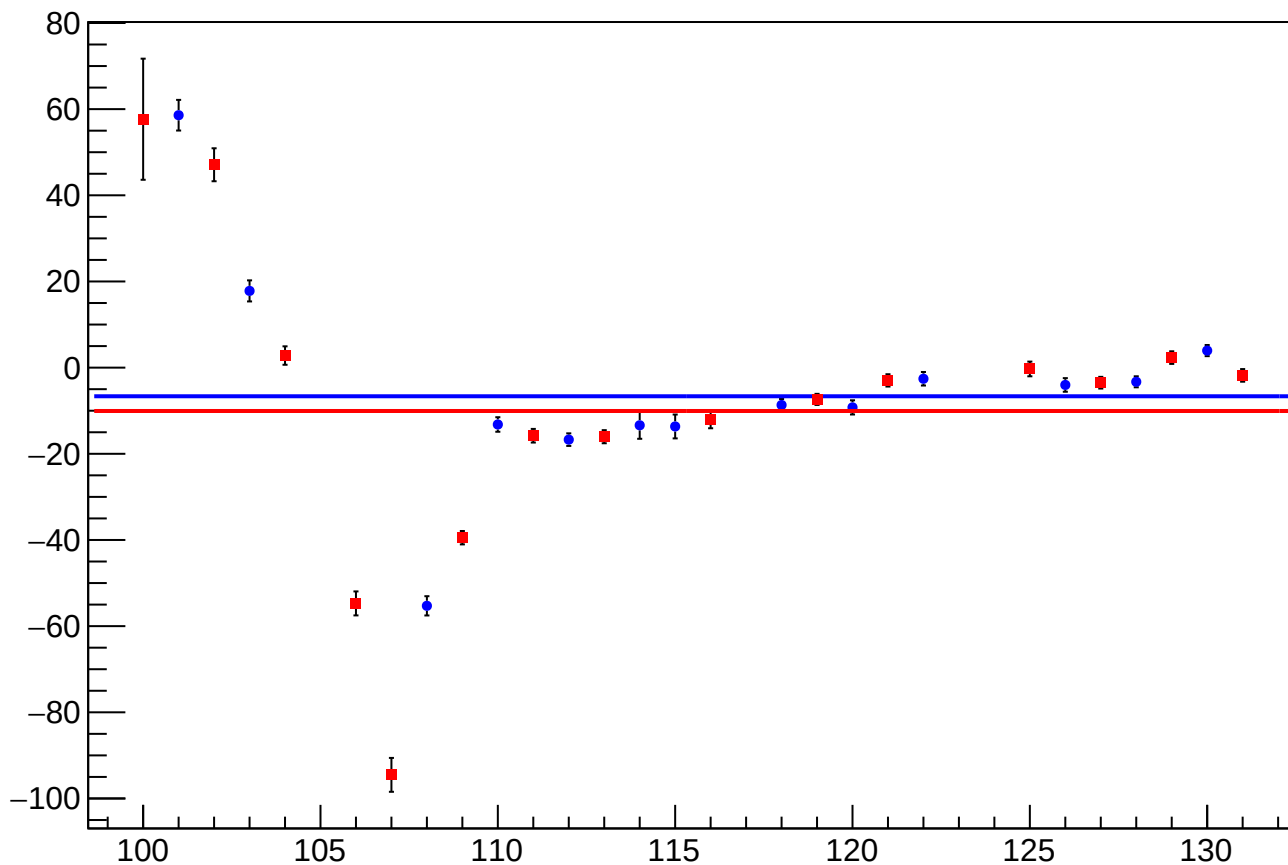
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.673 ± 0.289 χ^2/NDF : 358.2/27

- 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: -6.645+/-0.477 χ^2/NDF : 1071.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.063+/-0.452 χ^2/NDF : 1577.3/14

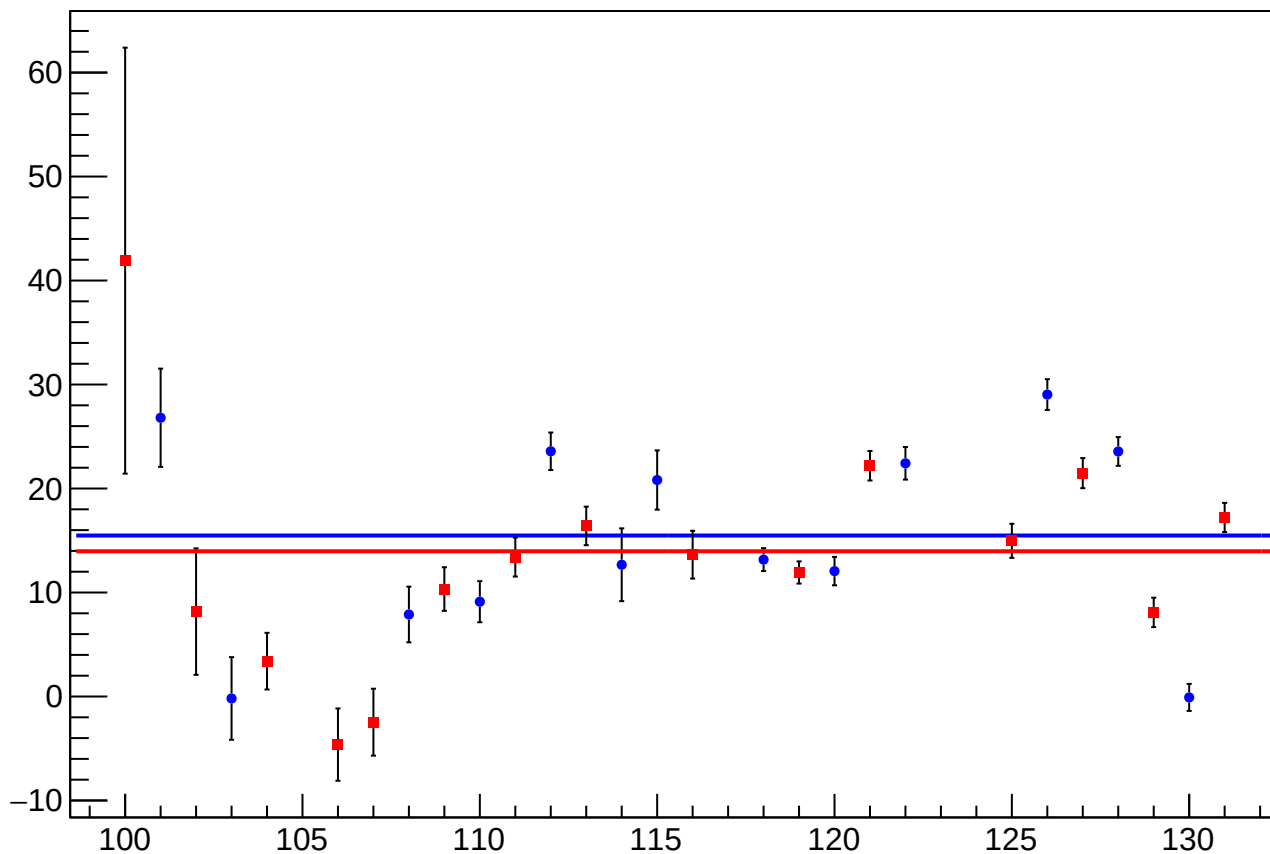
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.445+/-0.328 χ^2/NDF : 2675.6/27

- 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: 15.481+/-0.479 χ^2/NDF : 356.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.966+/-0.468 χ^2/NDF : 164.7/14

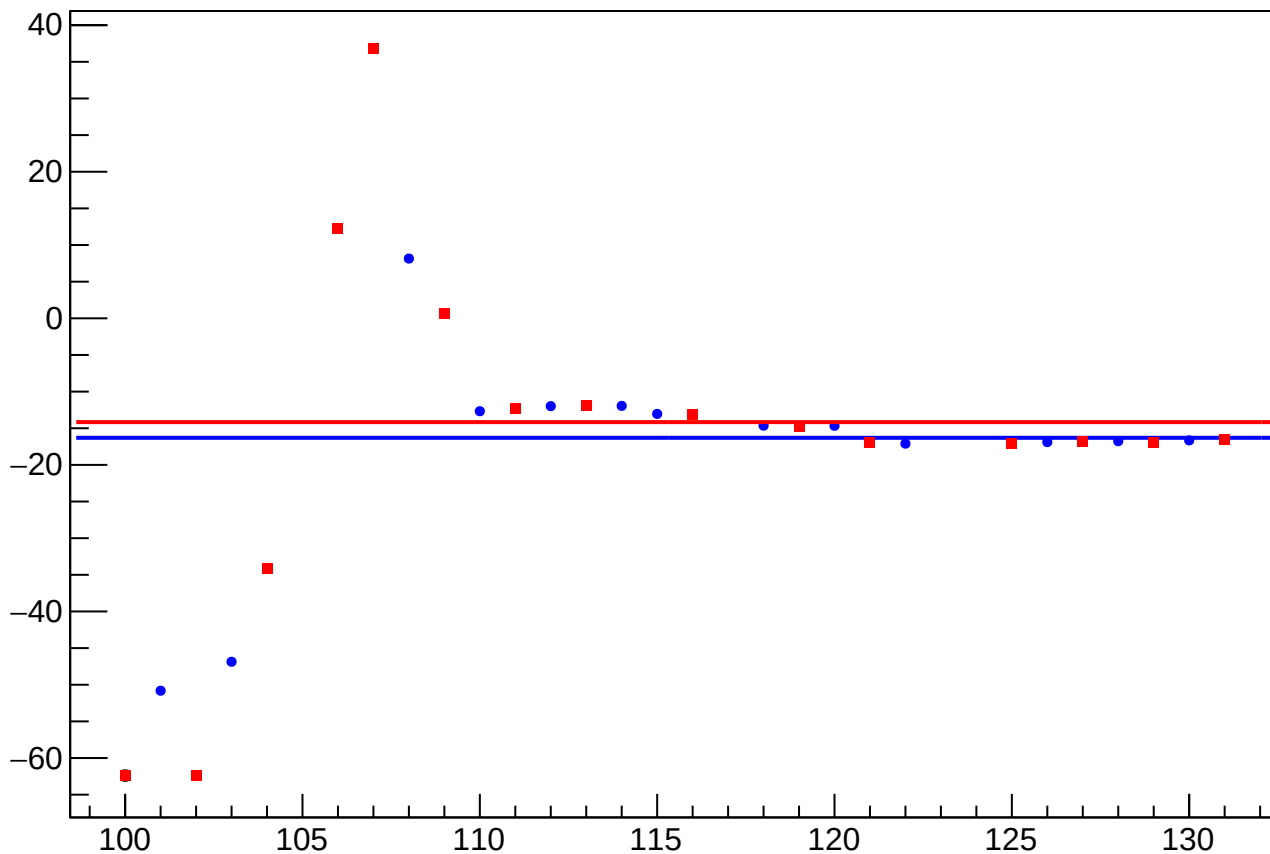
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.705+/-0.335 χ^2/NDF : 526.1/27

- 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: -16.304 $\pm$ 0.034 χ^2 /NDF: 190591.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -14.162 $\pm$ 0.033 χ^2 /NDF: 281122.3/14

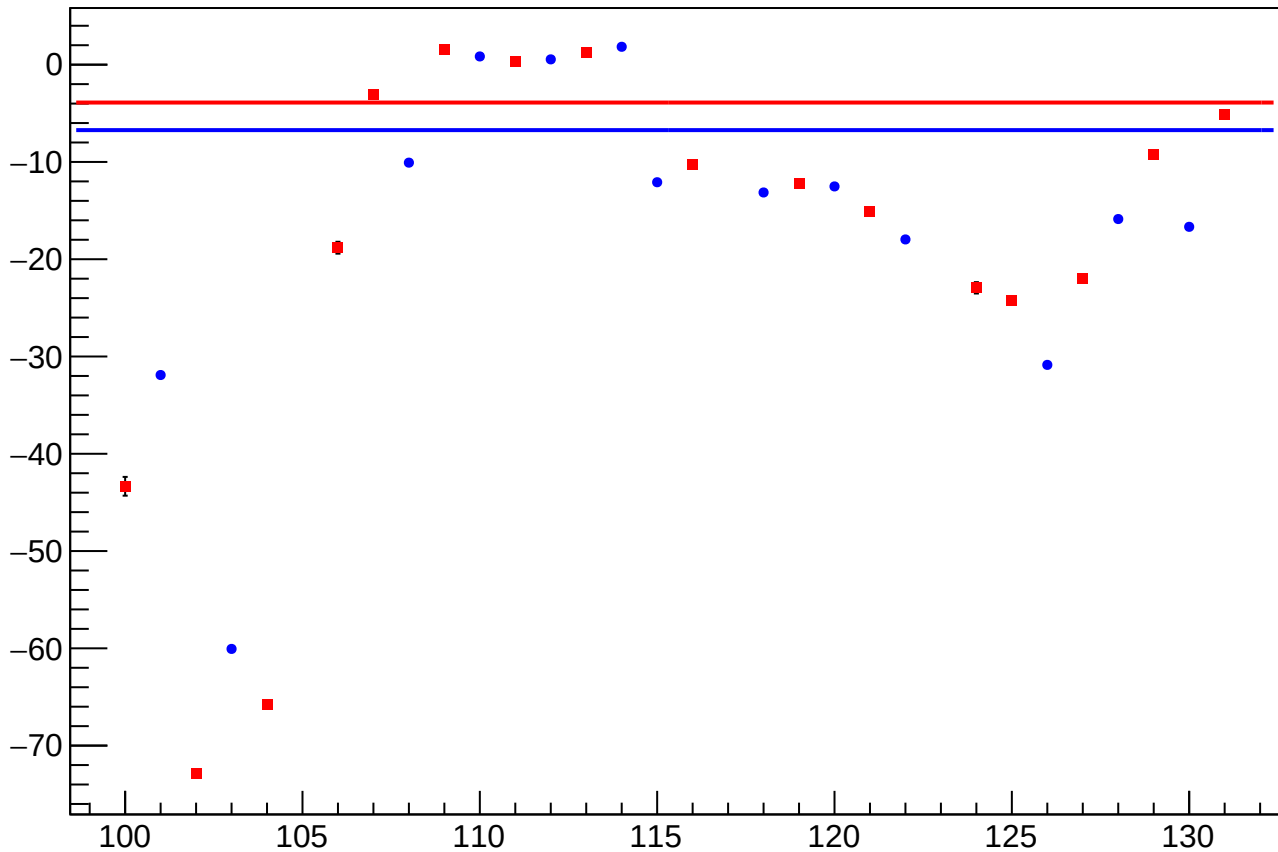
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -15.196 $\pm$ 0.024 χ^2 /NDF: 473757.5/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



Right In: -6.728+/-0.061 χ^2/NDF : 40738.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.894+/-0.049 χ^2/NDF : 60893.1/15

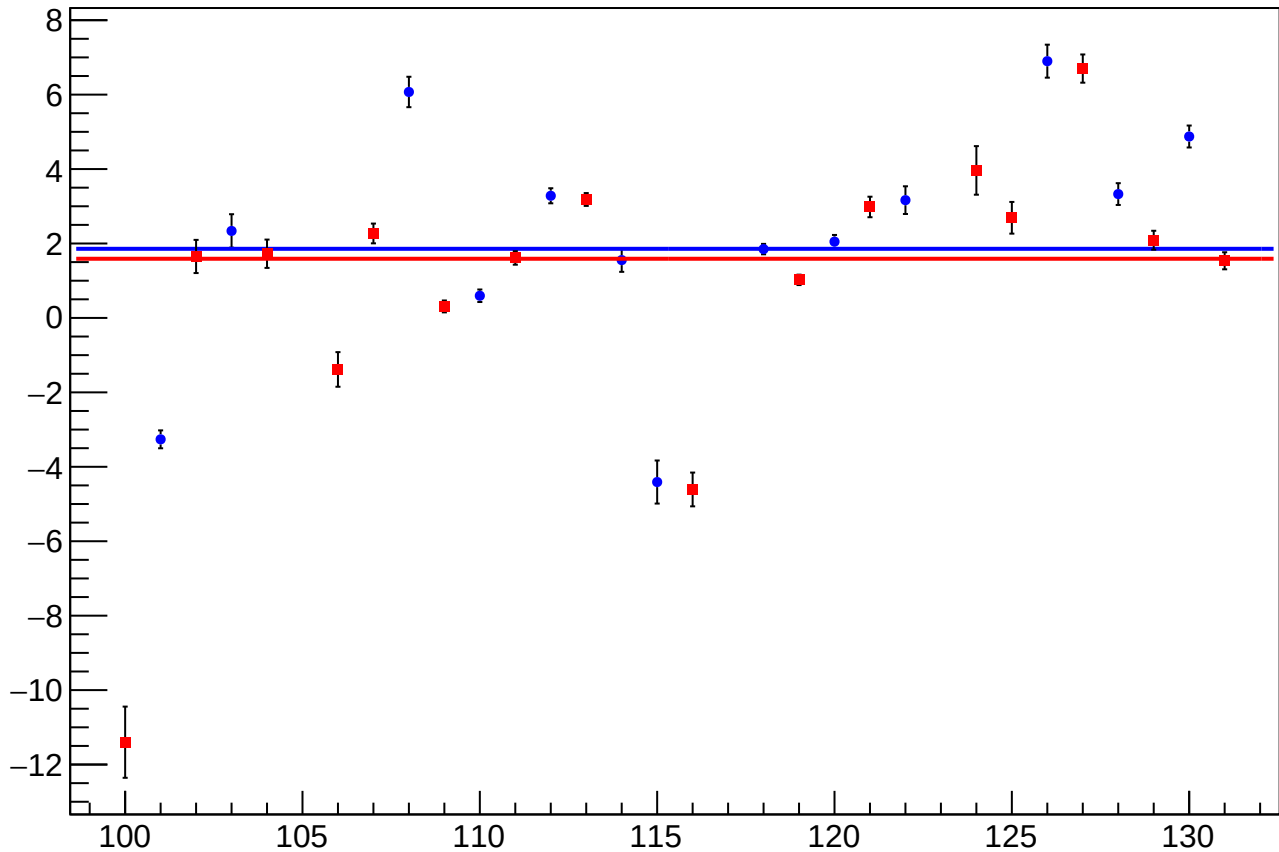
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.995+/-0.038 χ^2/NDF : 102955.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.857+/-0.068 χ^2/NDF : 1057.4/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.590+/-0.063 χ^2/NDF : 815.5/15

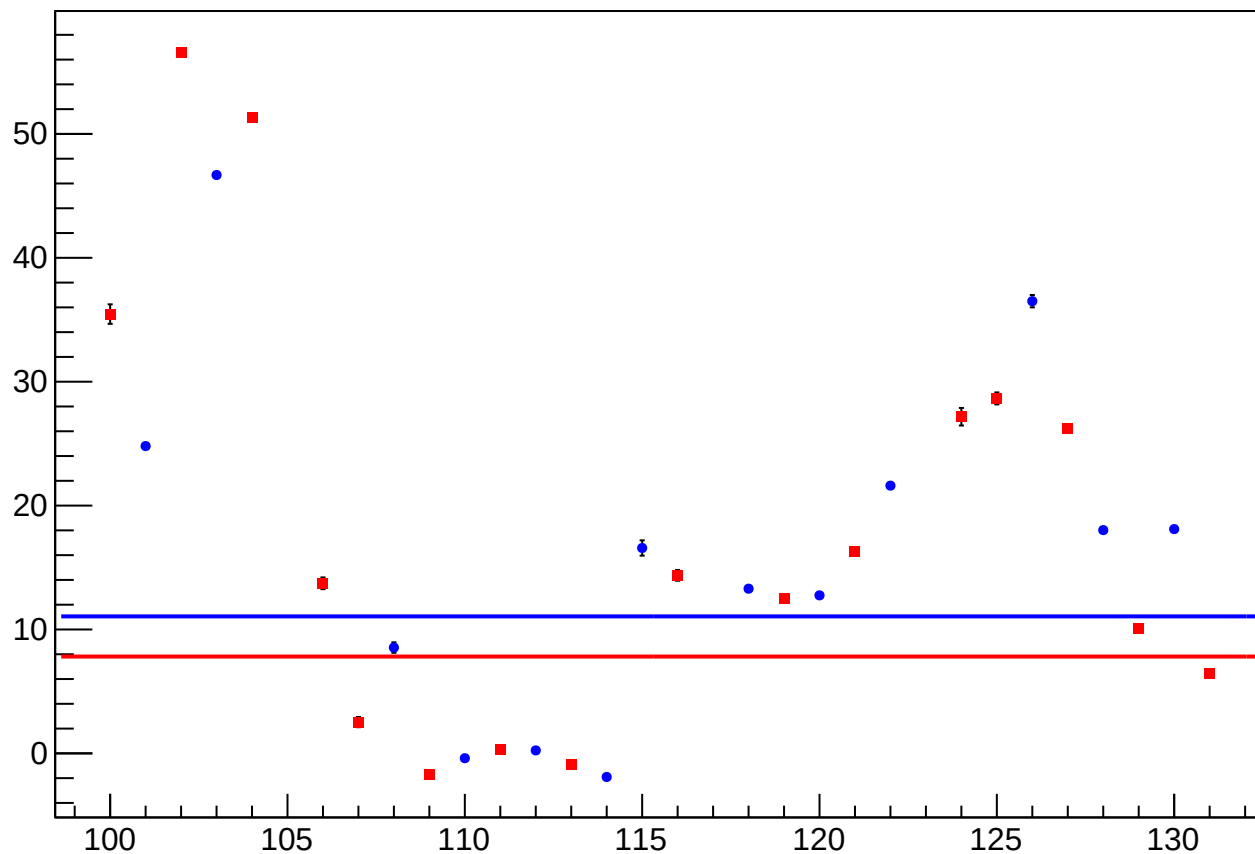
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.714+/-0.046 χ^2/NDF : 1881.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: 11.058+/-0.075 χ^2/NDF : 29866.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.816+/-0.064 χ^2/NDF : 50712.7/15

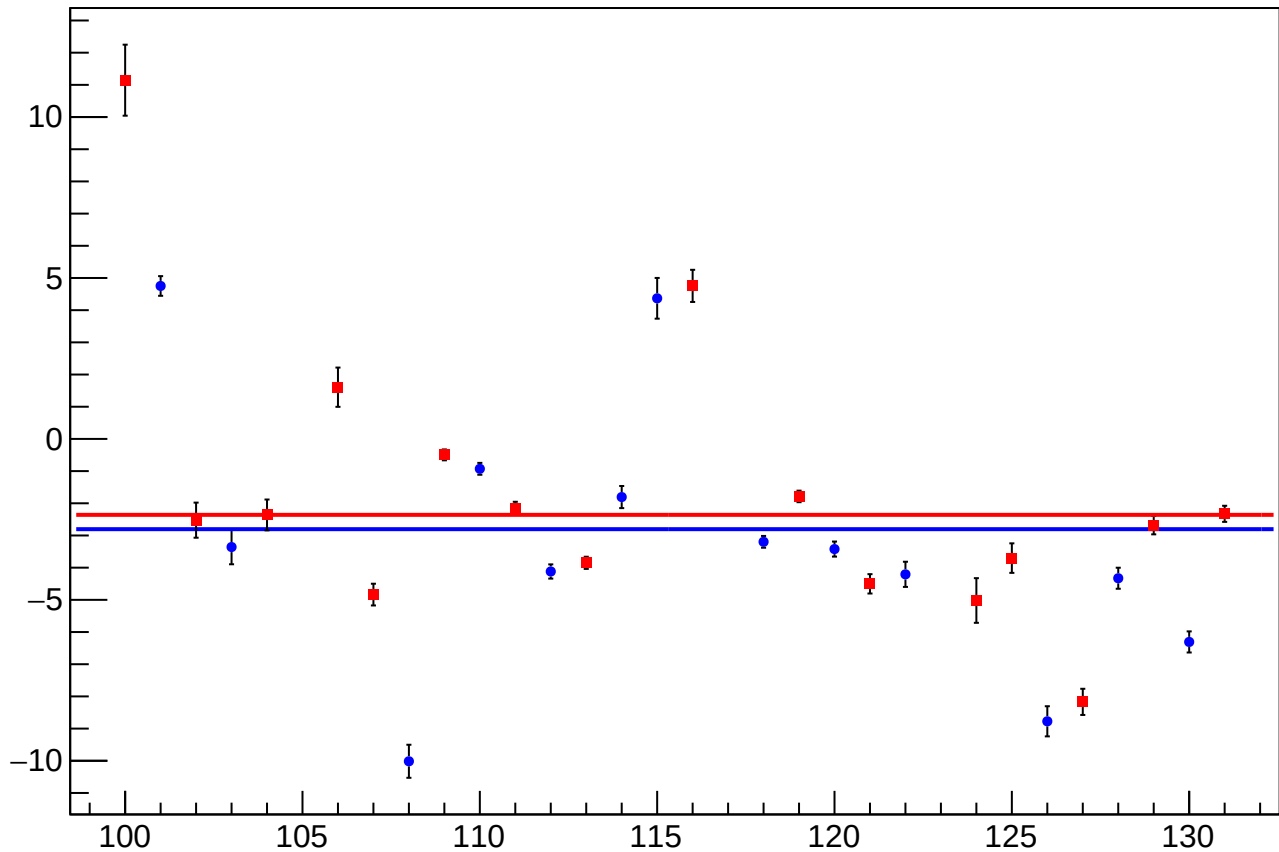
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.193+/-0.049 χ^2/NDF : 81663.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -2.804 ± 0.080 χ^2/NDF : 1408.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.359 ± 0.071 χ^2/NDF : 923.2/15

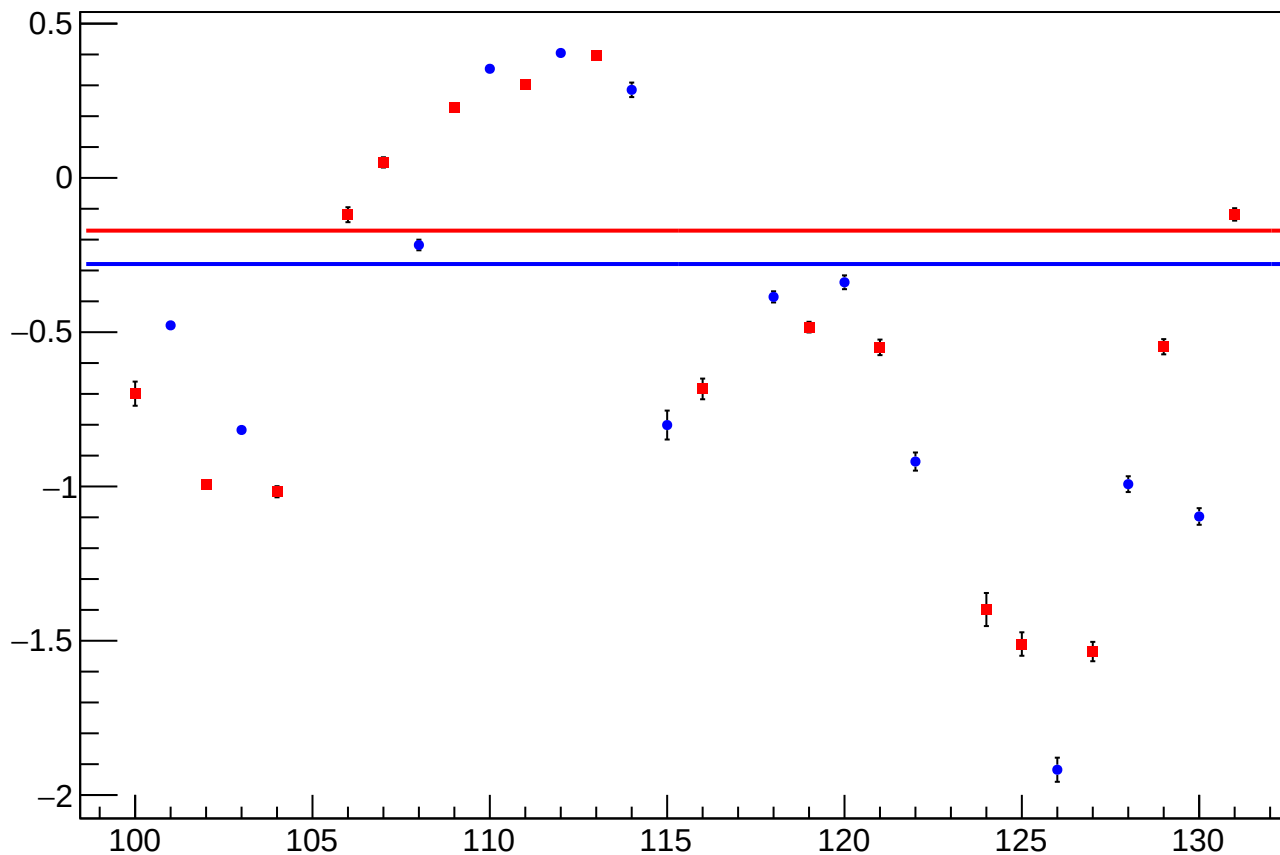
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.557 ± 0.053 χ^2/NDF : 2348.9/28

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: -0.279+/-0.005 χ^2/NDF : 11100.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.171+/-0.005 χ^2/NDF : 15231.6/15

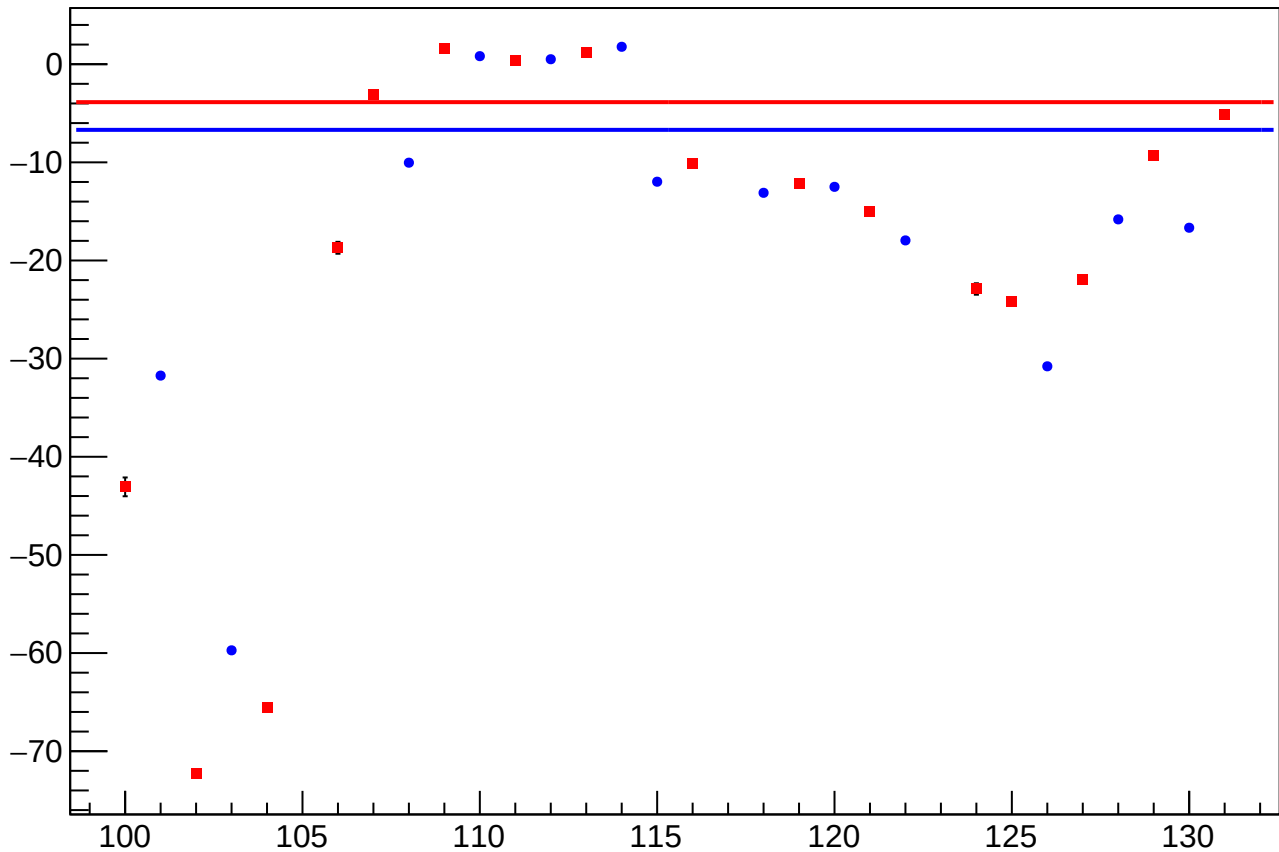
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.218+/-0.003 χ^2/NDF : 26576.3/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



Right In: -6.690+/-0.060 χ^2/NDF : 40744.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.867+/-0.048 χ^2/NDF : 60899.5/15

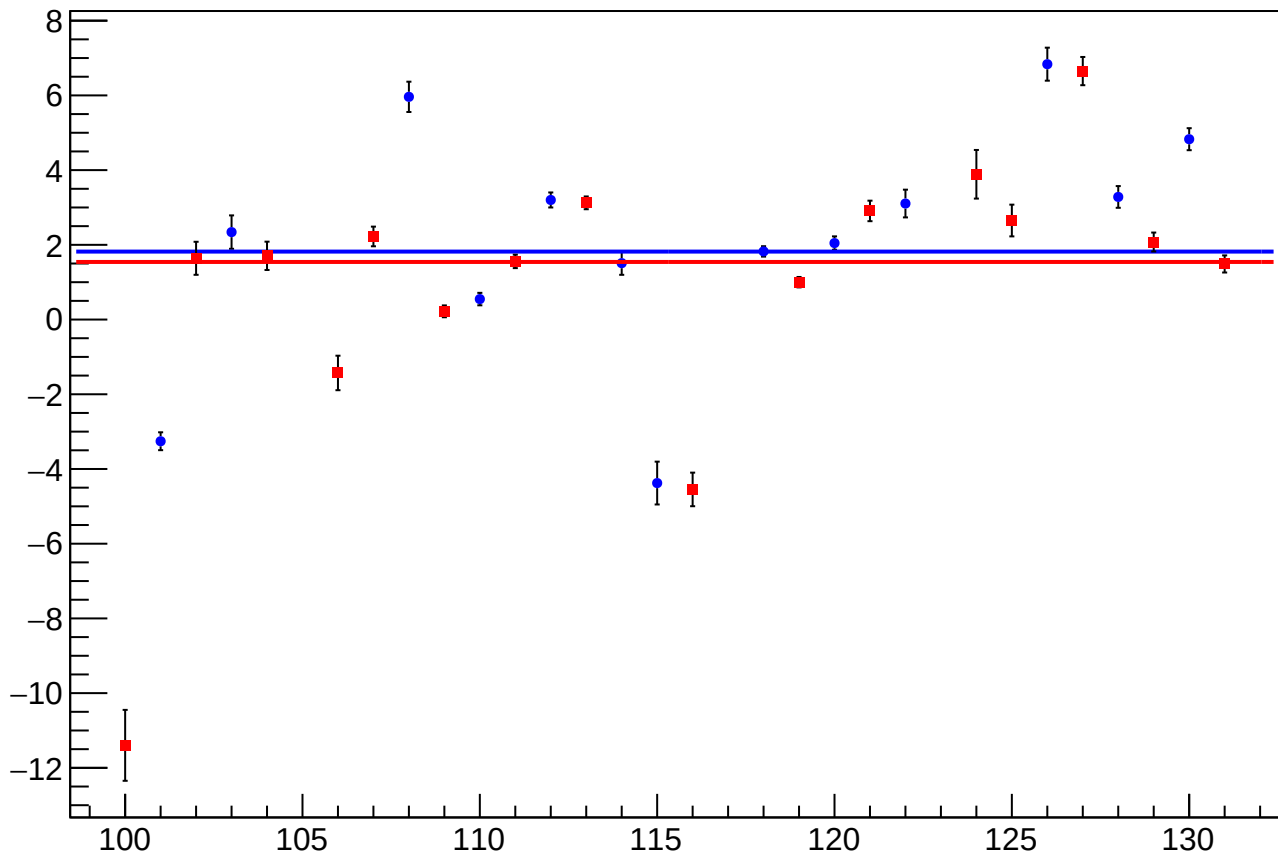
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.964+/-0.038 χ^2/NDF : 102975.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.819+/-0.067 χ^2/NDF : 1051.3/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.542+/-0.062 χ^2/NDF : 819.8/15

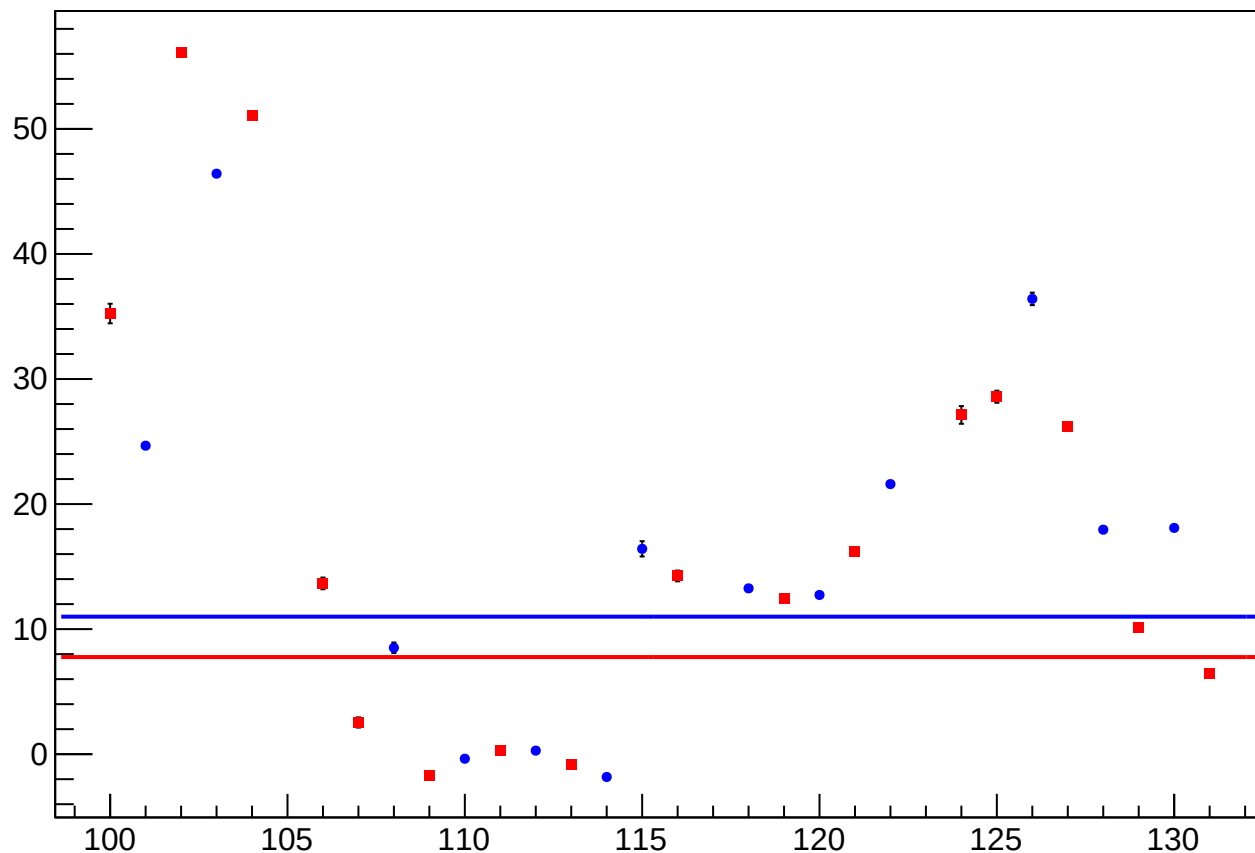
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.670+/-0.046 χ^2/NDF : 1880.2/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: 10.997 $\pm$ 0.074 χ^2 /NDF: 29872.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.766 $\pm$ 0.064 χ^2 /NDF: 50725.5/15

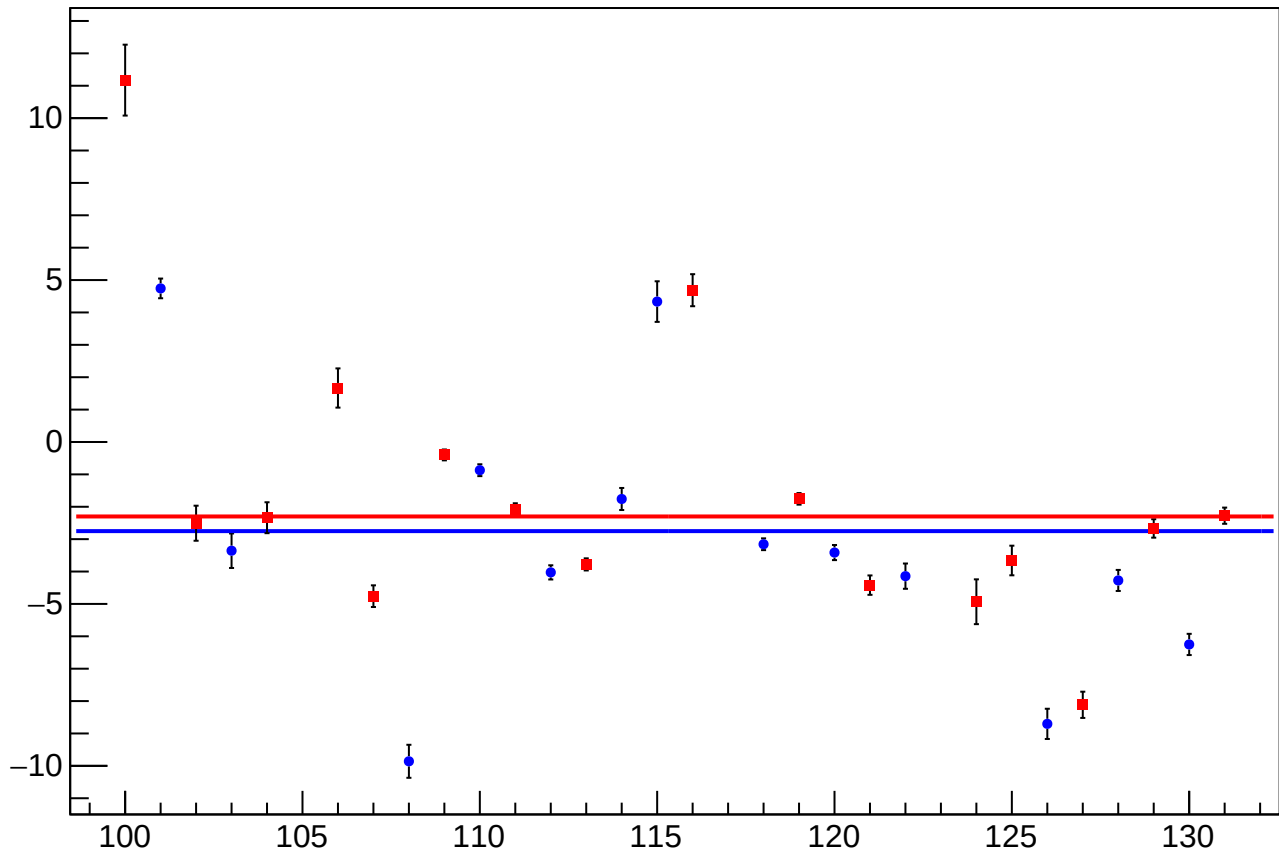
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.139 $\pm$ 0.048 χ^2 /NDF: 81687.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -2.752+/-0.079 χ^2/NDF : 1403.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.300+/-0.071 χ^2/NDF : 930.0/15

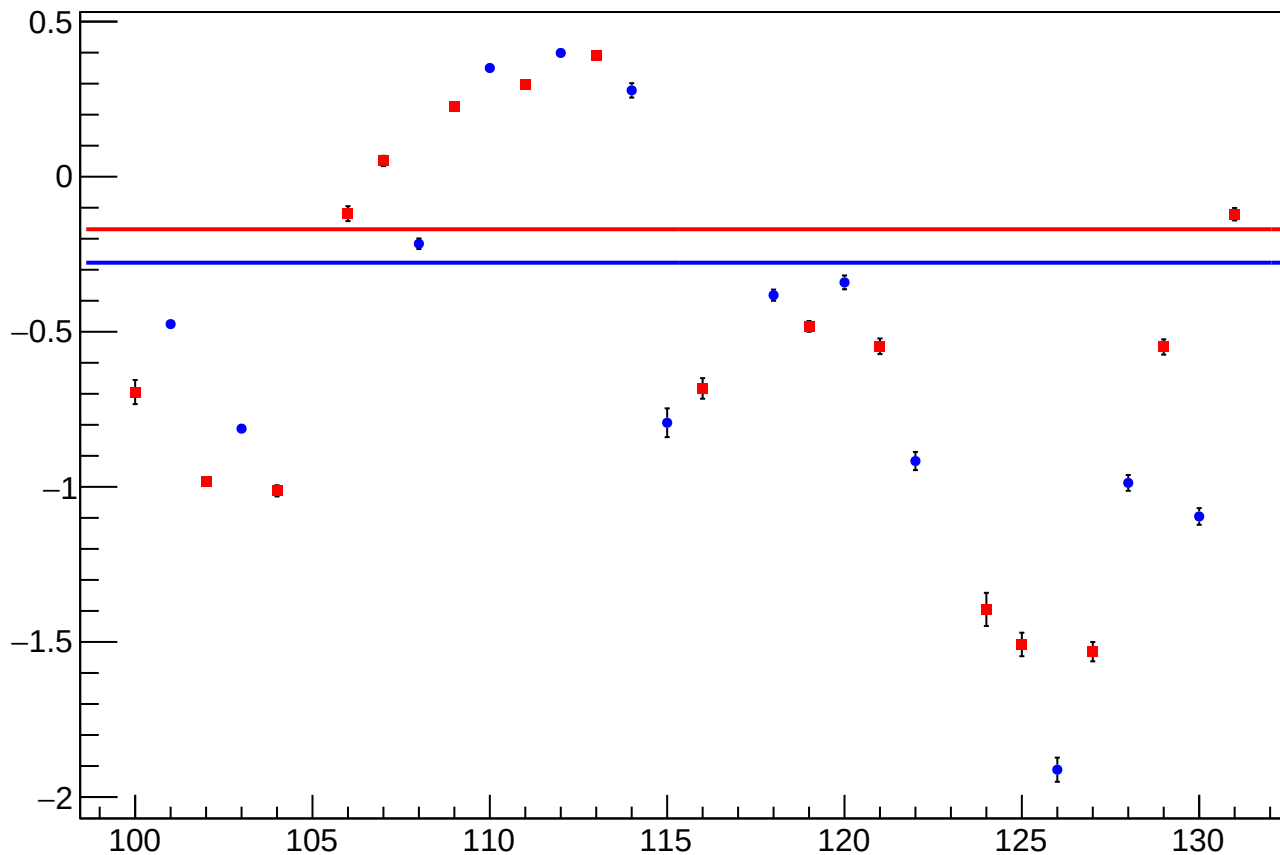
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.501+/-0.053 χ^2/NDF : 2352.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: -0.277 ± 0.005 $\chi^2/\text{NDF}: 11084.2/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.169 ± 0.005 $\chi^2/\text{NDF}: 15250.4/15$

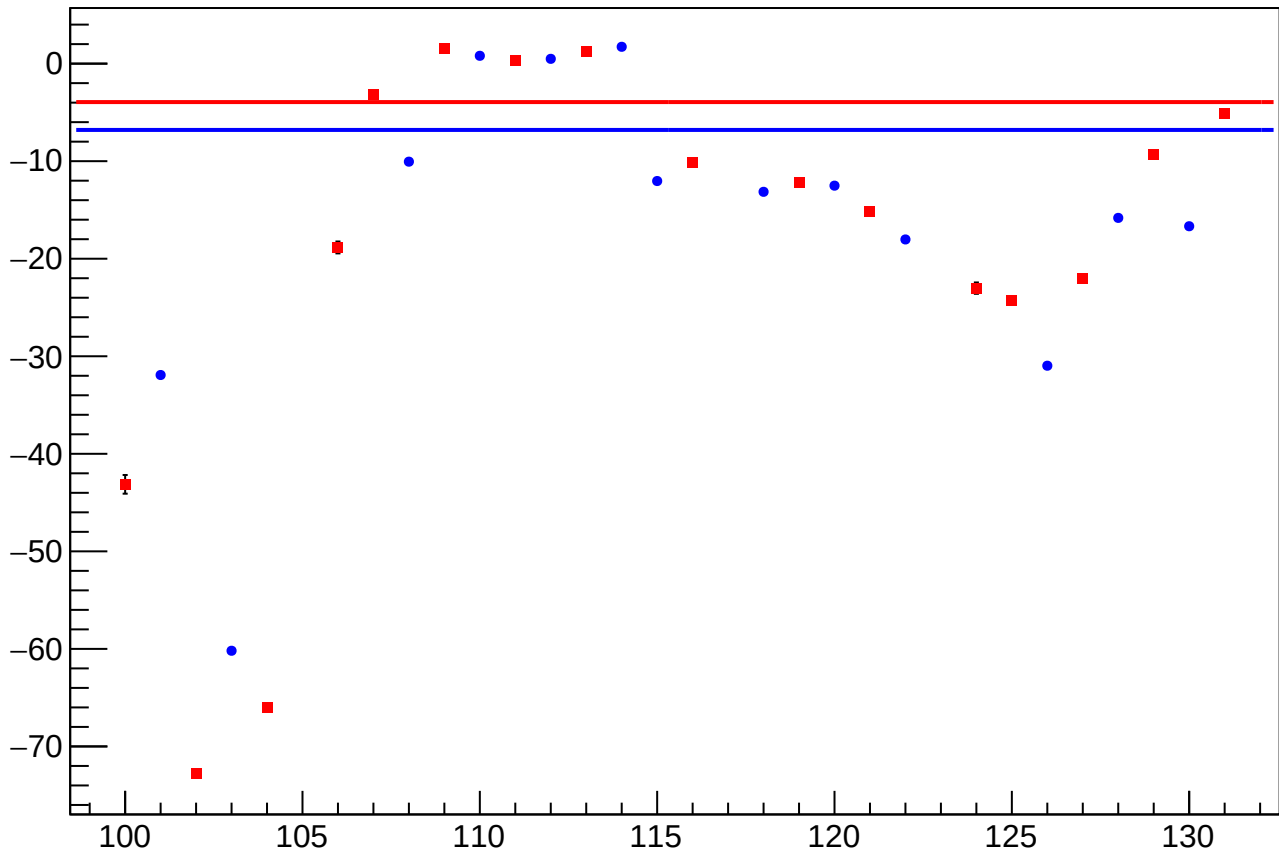
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.216 ± 0.003 $\chi^2/\text{NDF}: 26579.6/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



Right In: -6.798+/-0.061 χ^2/NDF : 40645.6/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.942+/-0.049 χ^2/NDF : 60808.9/15

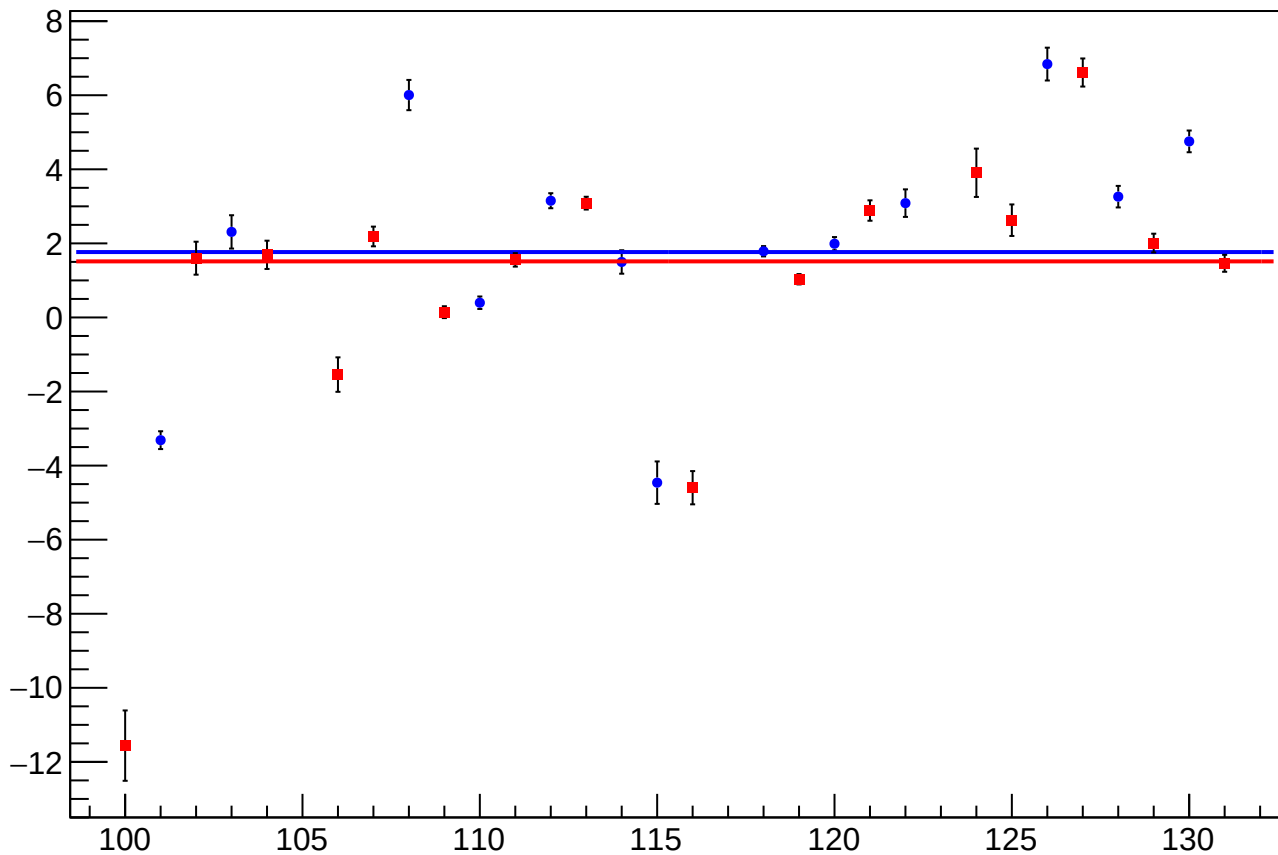
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.052+/-0.038 χ^2/NDF : 102797.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.766 $\pm$ 0.068 χ^2 /NDF: 1061.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.514 $\pm$ 0.063 χ^2 /NDF: 822.6/15

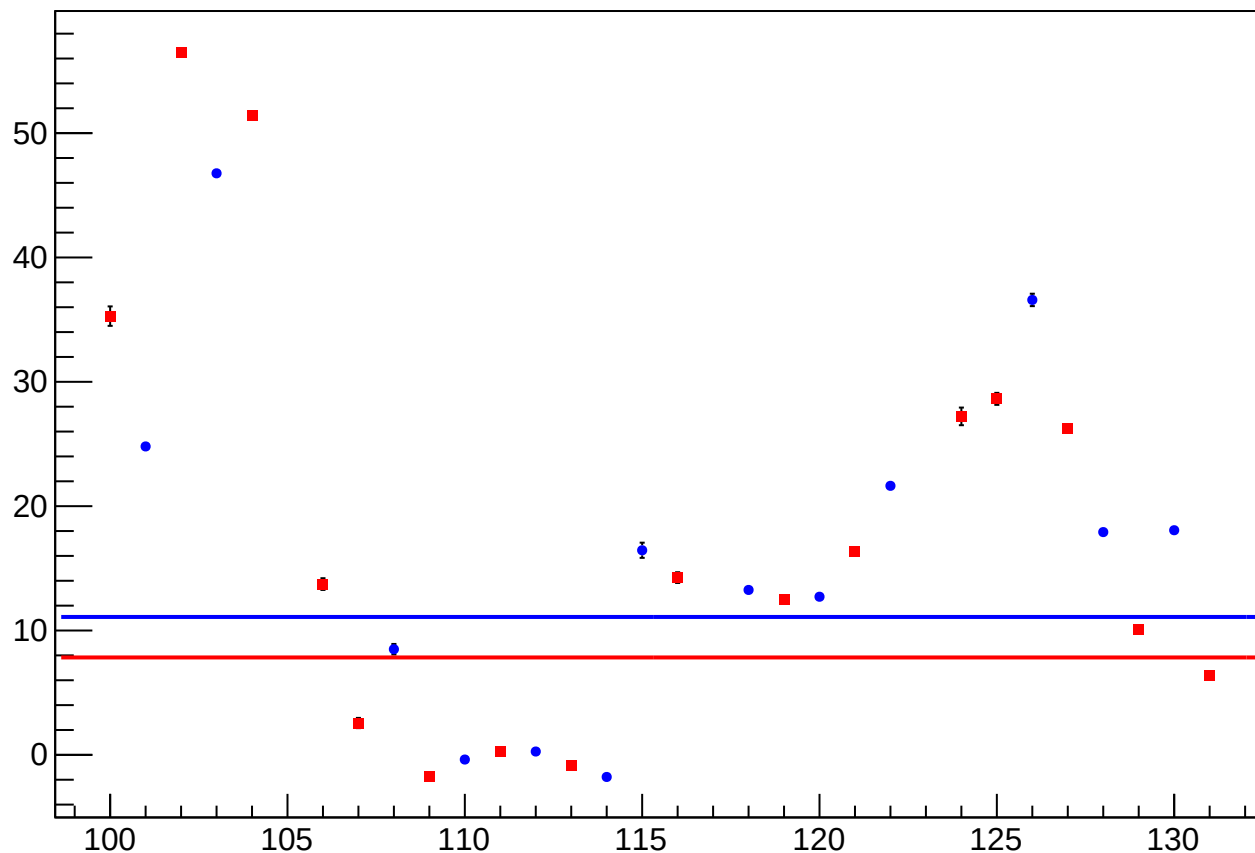
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.631 $\pm$ 0.046 χ^2 /NDF: 1891.9/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: 11.091+/-0.075 χ^2/NDF : 29778.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.833+/-0.064 χ^2/NDF : 50647.5/15

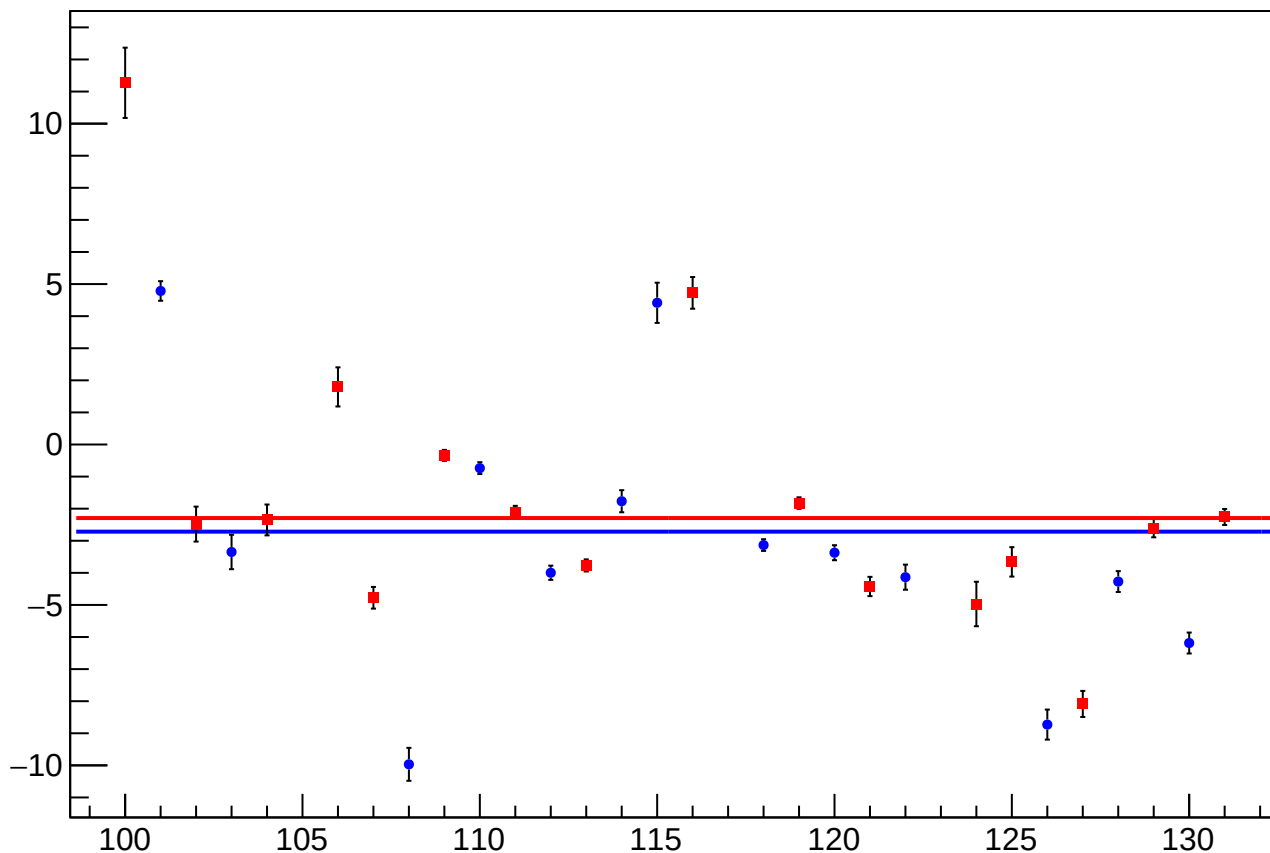
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.218+/-0.049 χ^2/NDF : 81520.0/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -2.716+/-0.080 χ^2 /NDF: 1416.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.292+/-0.071 χ^2 /NDF: 933.7/15

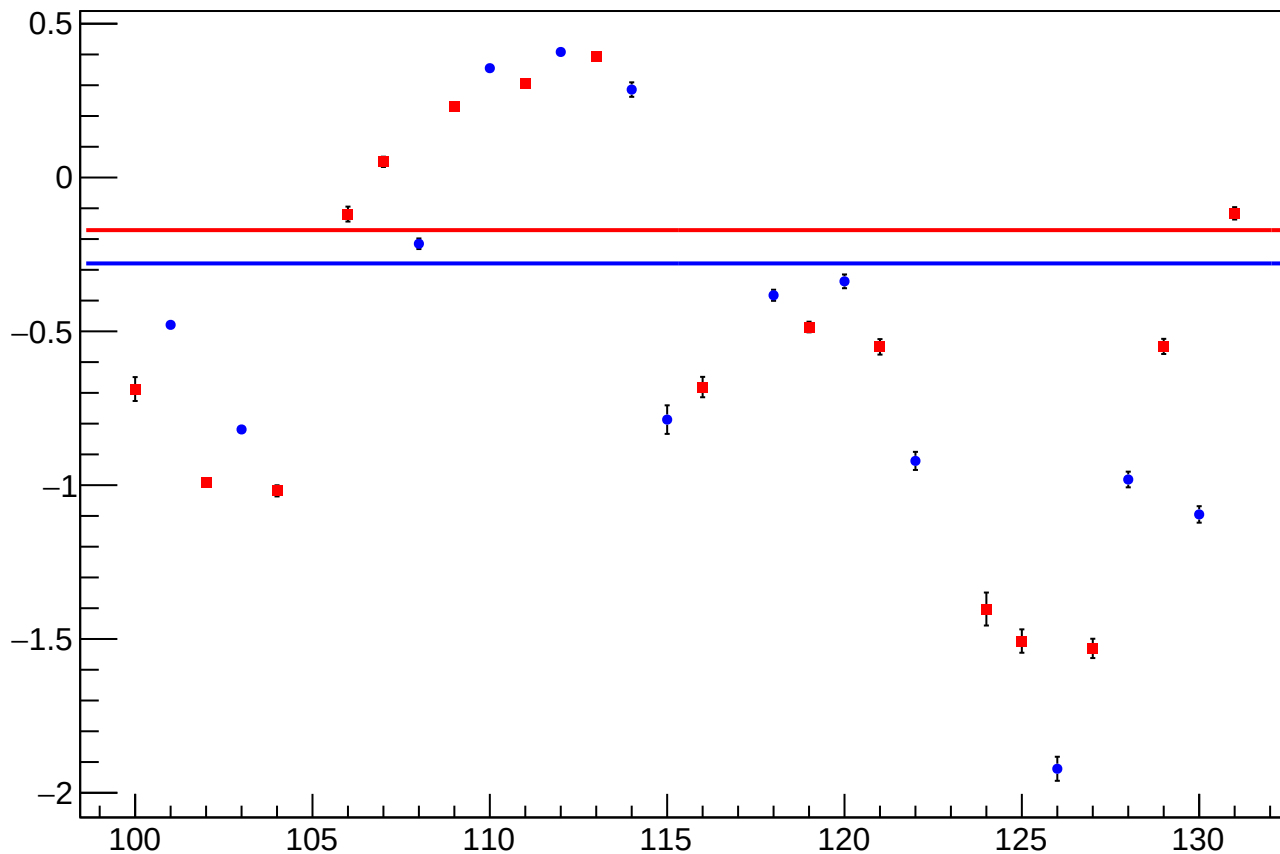
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2.481+/-0.053 χ^2 /NDF: 2365.6/28

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: -0.279 ± 0.005 $\chi^2/\text{NDF}: 11119.4/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.171 ± 0.005 $\chi^2/\text{NDF}: 15224.2/15$

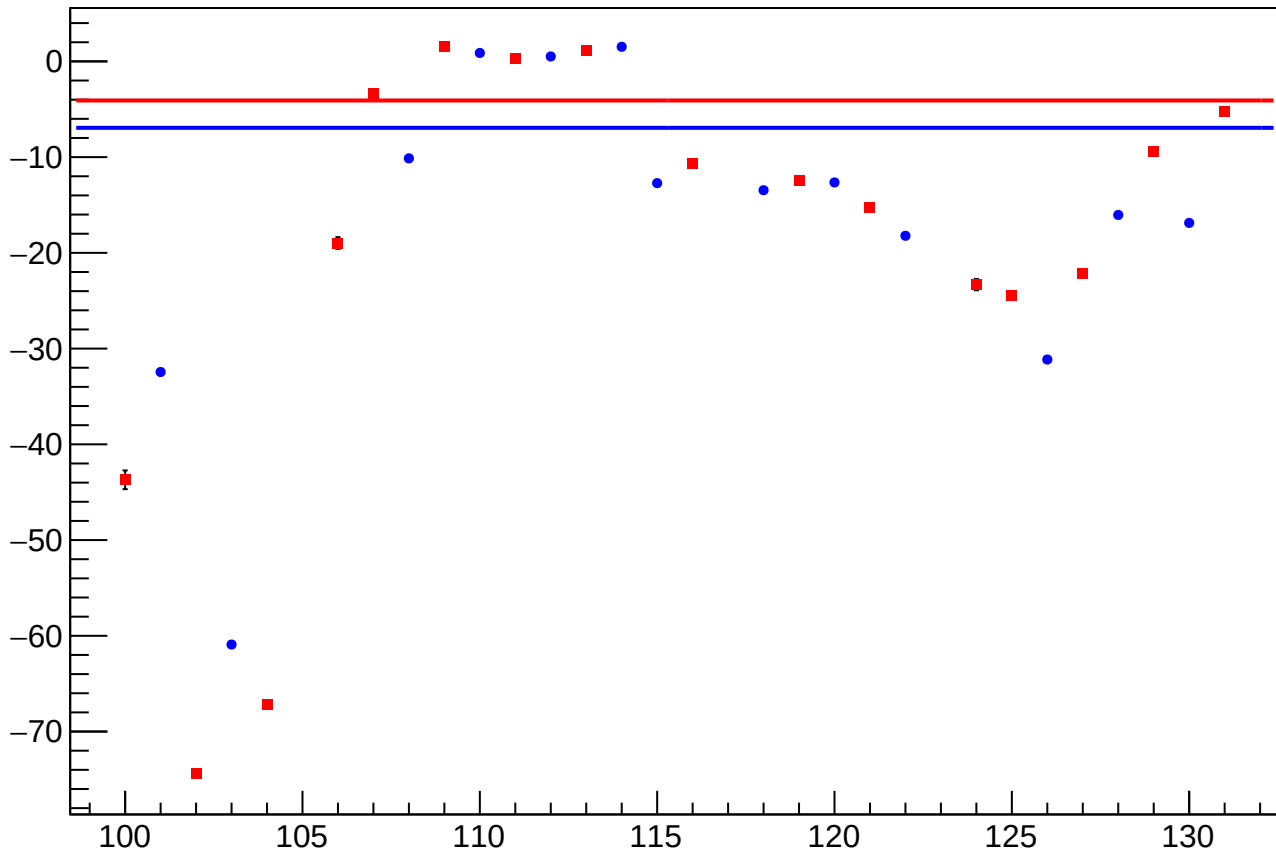
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.218 ± 0.003 $\chi^2/\text{NDF}: 26587.5/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



Right In: -6.939+/-0.062 χ^2/NDF : 40161.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.083+/-0.050 χ^2/NDF : 60286.8/15

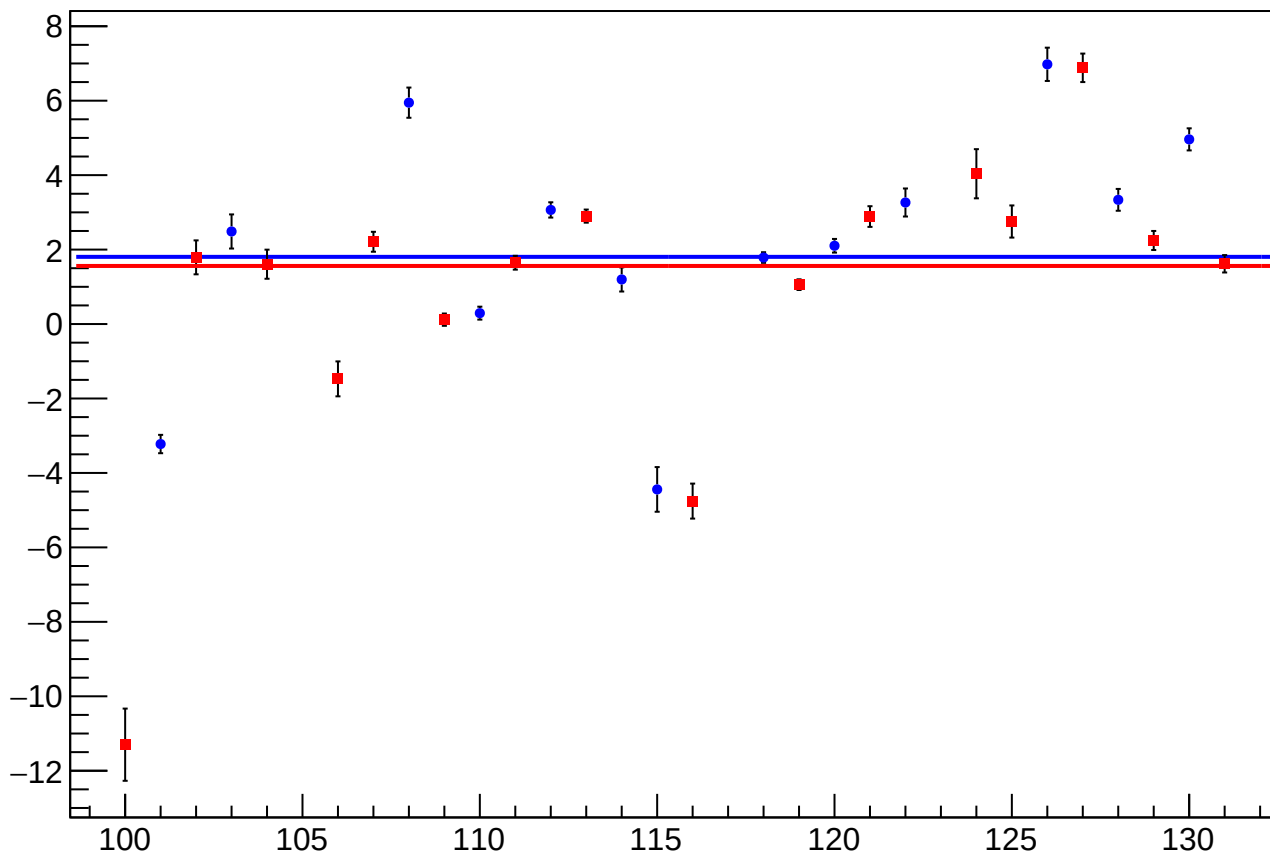
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.198+/-0.039 χ^2/NDF : 101733.5/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.805 $\pm$ 0.069 χ^2 /NDF: 1040.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.560 $\pm$ 0.064 χ^2 /NDF: 796.3/15

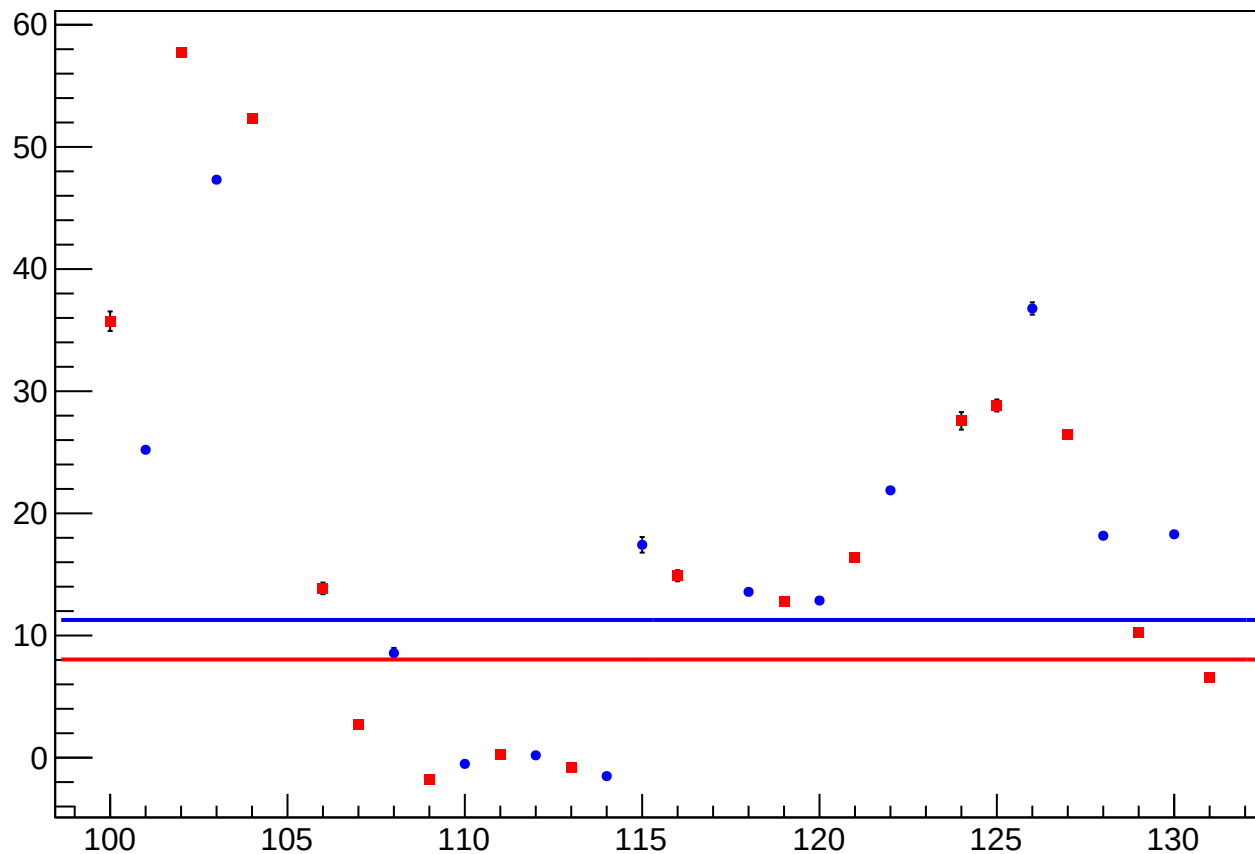
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.674 $\pm$ 0.047 χ^2 /NDF: 1843.3/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: 11.274 $\pm$ 0.076 χ^2 /NDF: 29453.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.036 $\pm$ 0.066 χ^2 /NDF: 50200.1/15

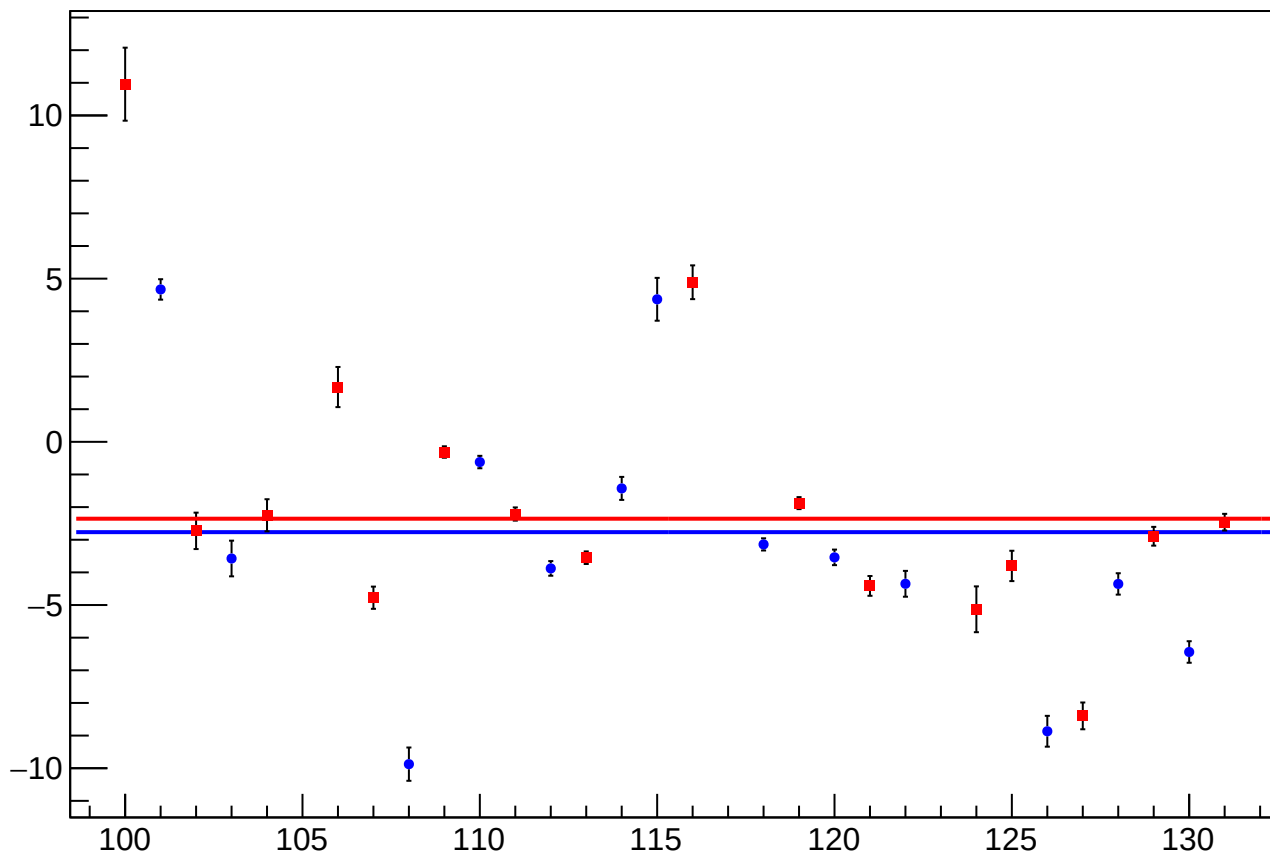
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.417 $\pm$ 0.050 χ^2 /NDF: 80690.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -2.767+/-0.081 χ^2/NDF : 1389.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.355+/-0.073 χ^2/NDF : 905.8/15

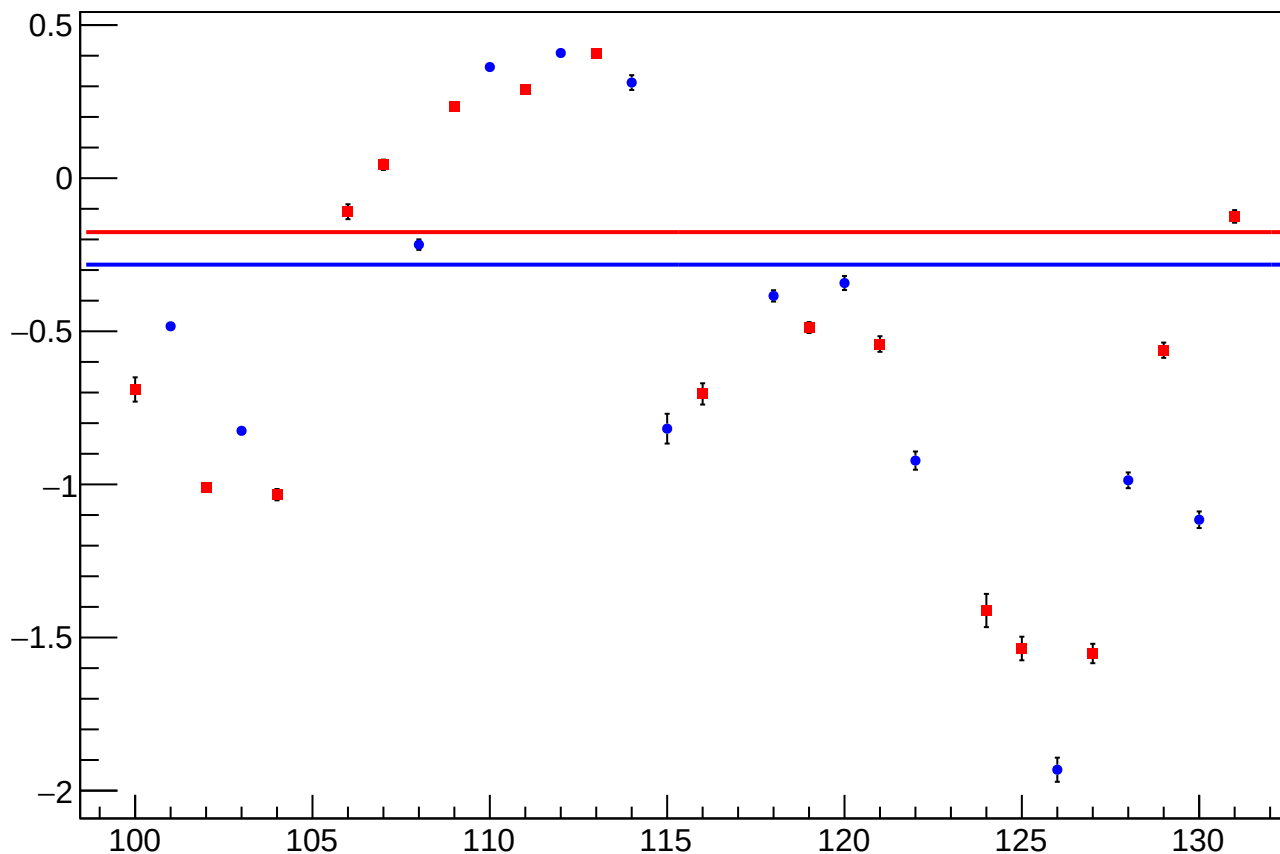
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.539+/-0.054 χ^2/NDF : 2309.9/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: -0.282 ± 0.005 $\chi^2/\text{NDF}: 10993.9/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.176 ± 0.005 $\chi^2/\text{NDF}: 15015.2/15$

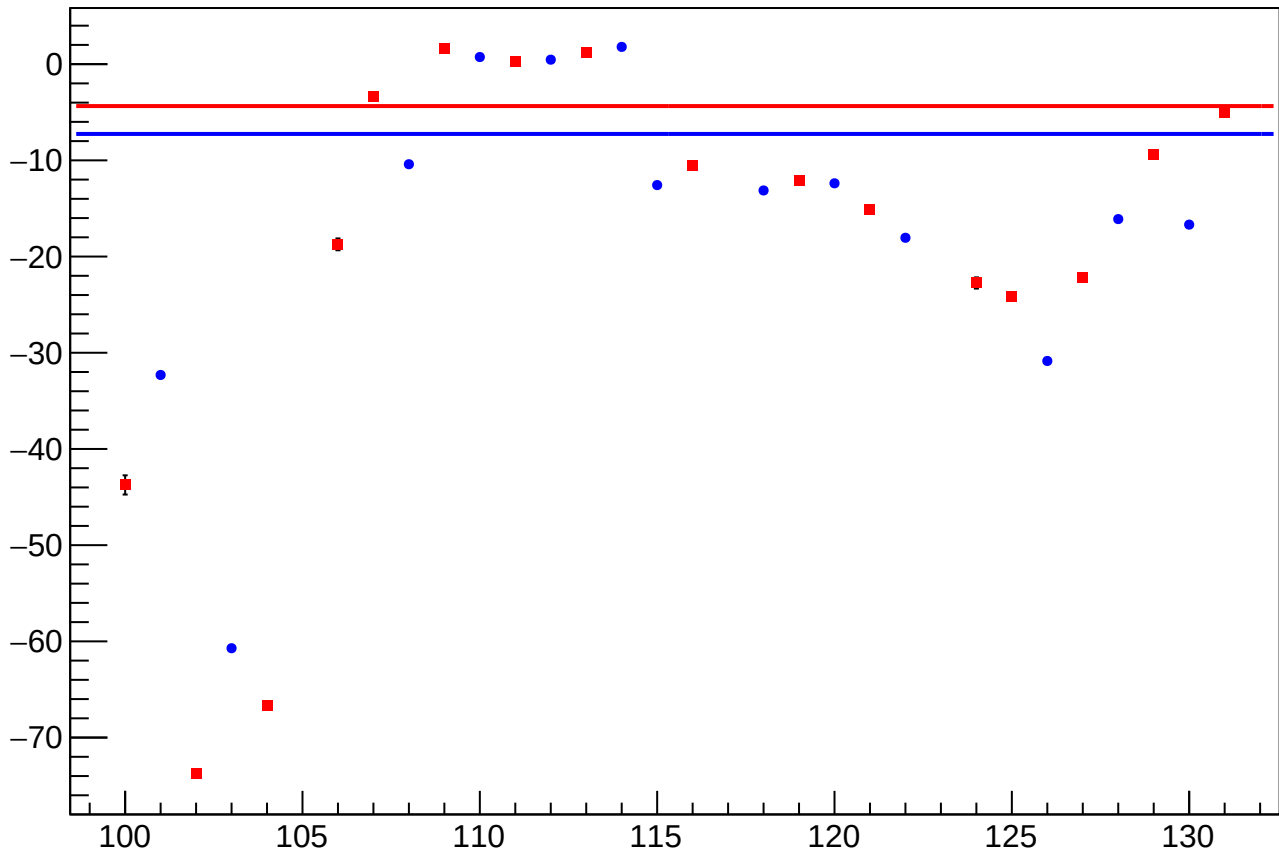
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.222 ± 0.004 $\chi^2/\text{NDF}: 26234.9/28$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



Right In: -7.255+/-0.063 χ^2/NDF : 38886.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.358+/-0.051 χ^2/NDF : 58783.6/15

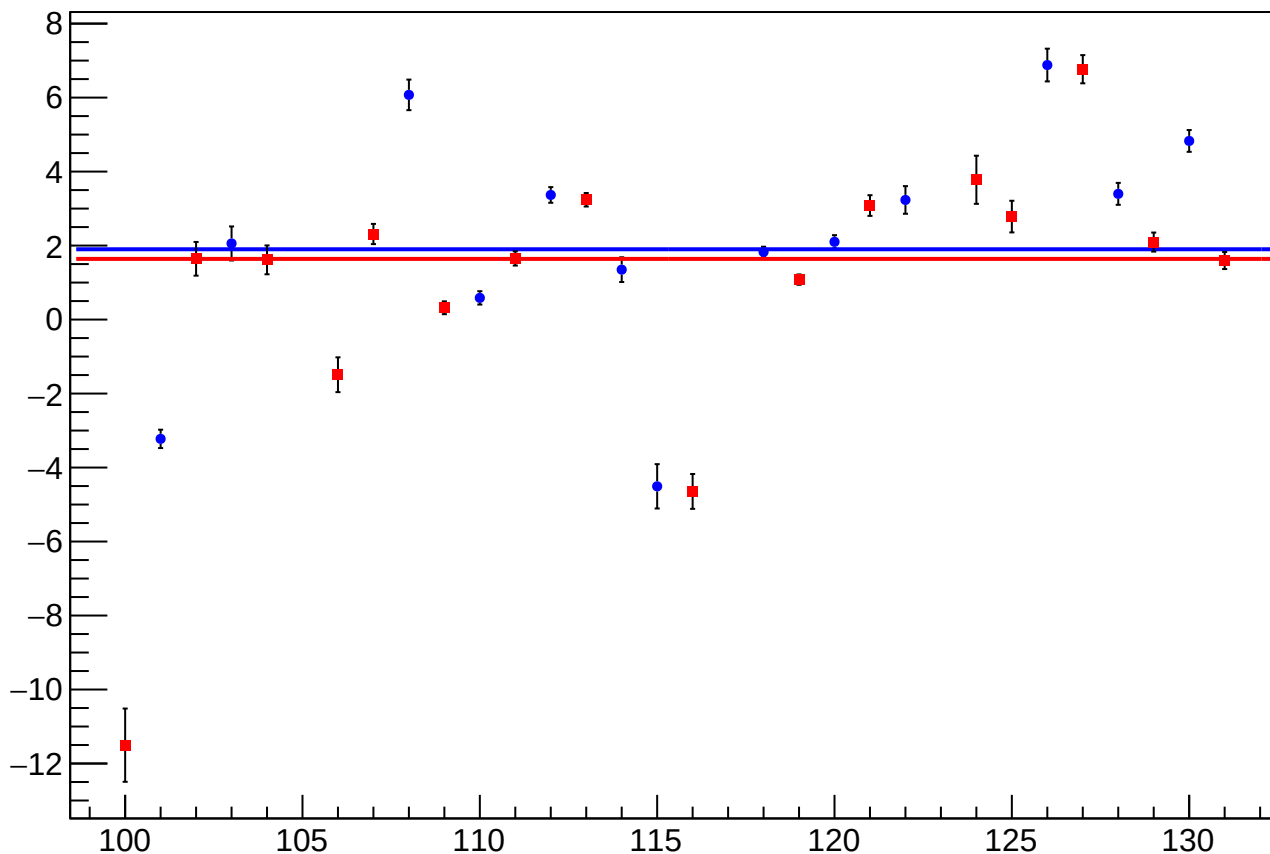
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.498+/-0.040 χ^2/NDF : 98934.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.900 $\pm$ 0.069 χ^2 /NDF: 1011.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.640 $\pm$ 0.065 χ^2 /NDF: 784.1/15

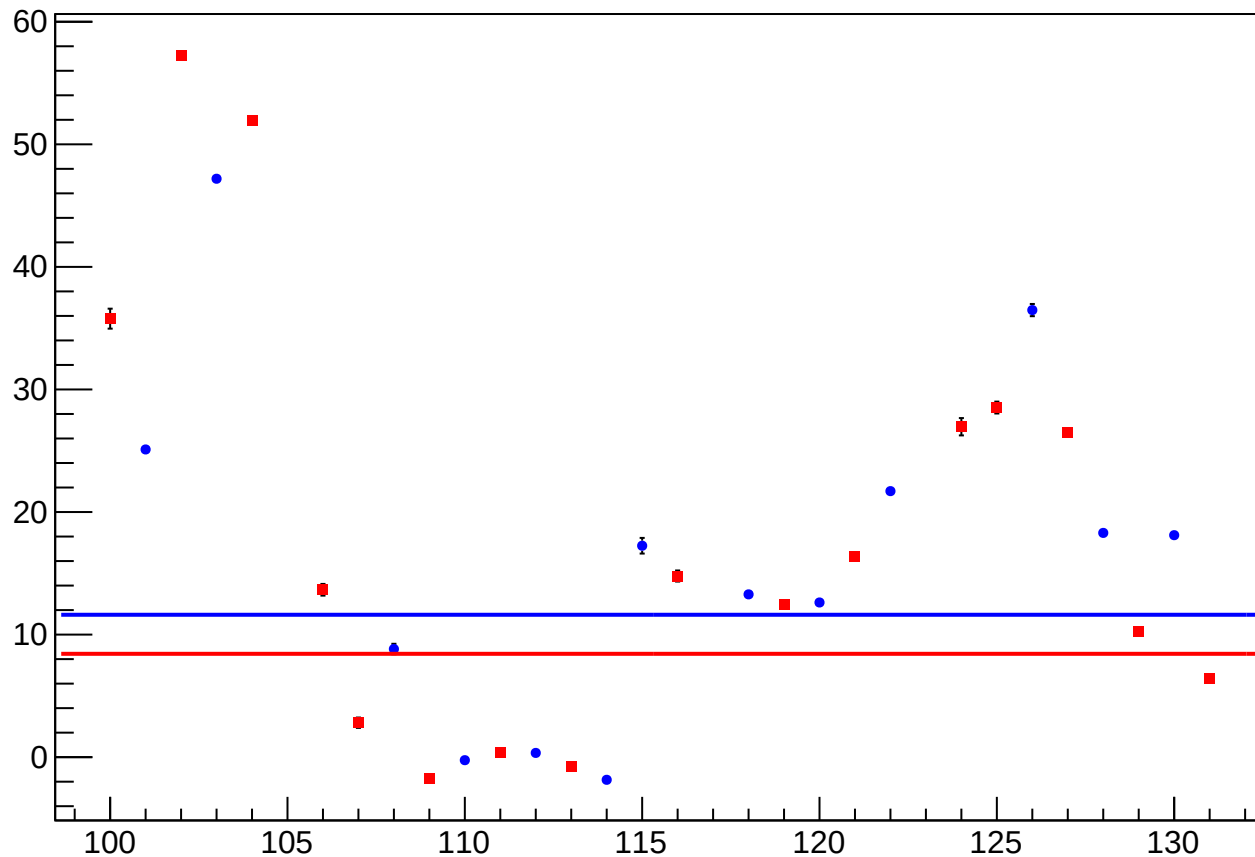
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.761 $\pm$ 0.047 χ^2 /NDF: 1803.5/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: 11.618+/-0.077 χ^2/NDF : 28213.8/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.433+/-0.067 χ^2/NDF : 48487.4/15

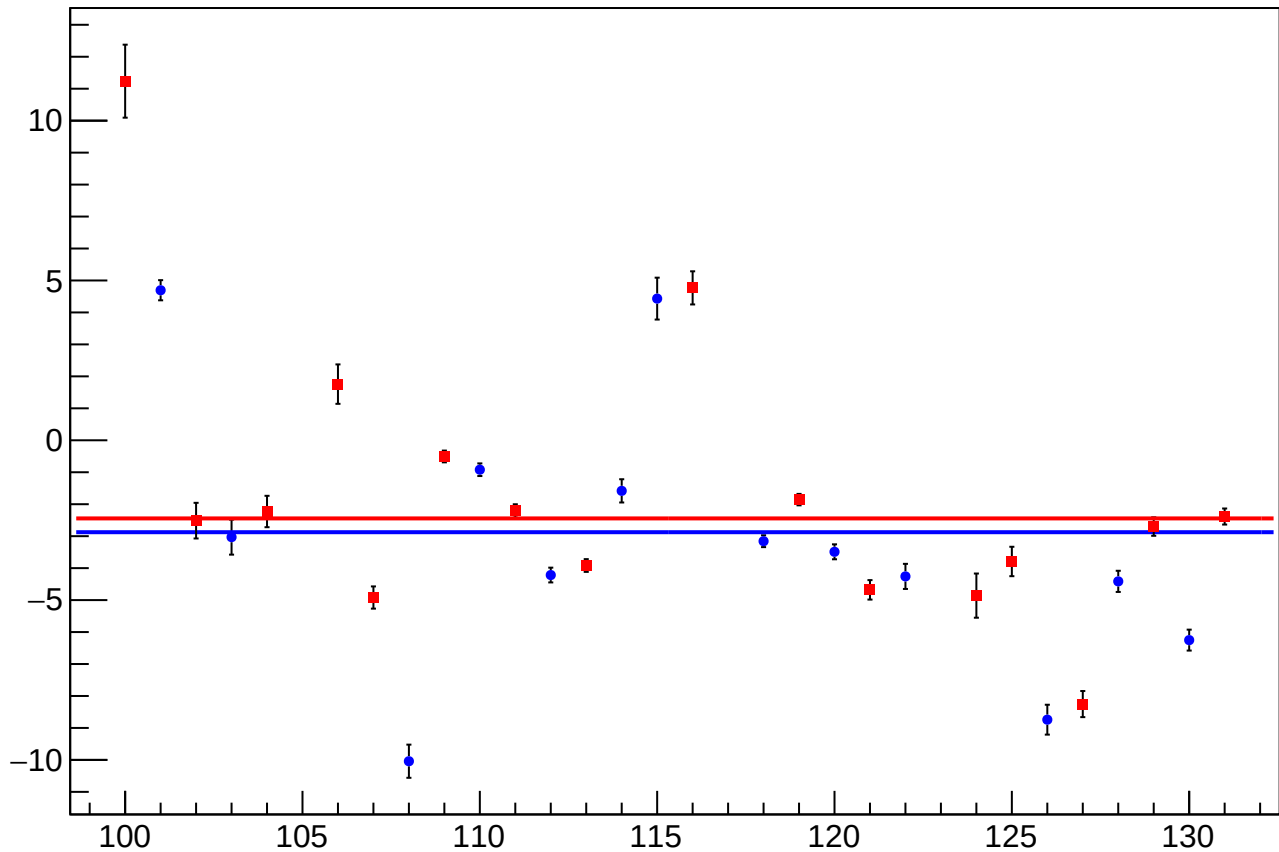
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.800+/-0.051 χ^2/NDF : 77672.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -2.876+/-0.082 χ^2/NDF : 1342.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.445+/-0.074 χ^2/NDF : 889.4/15

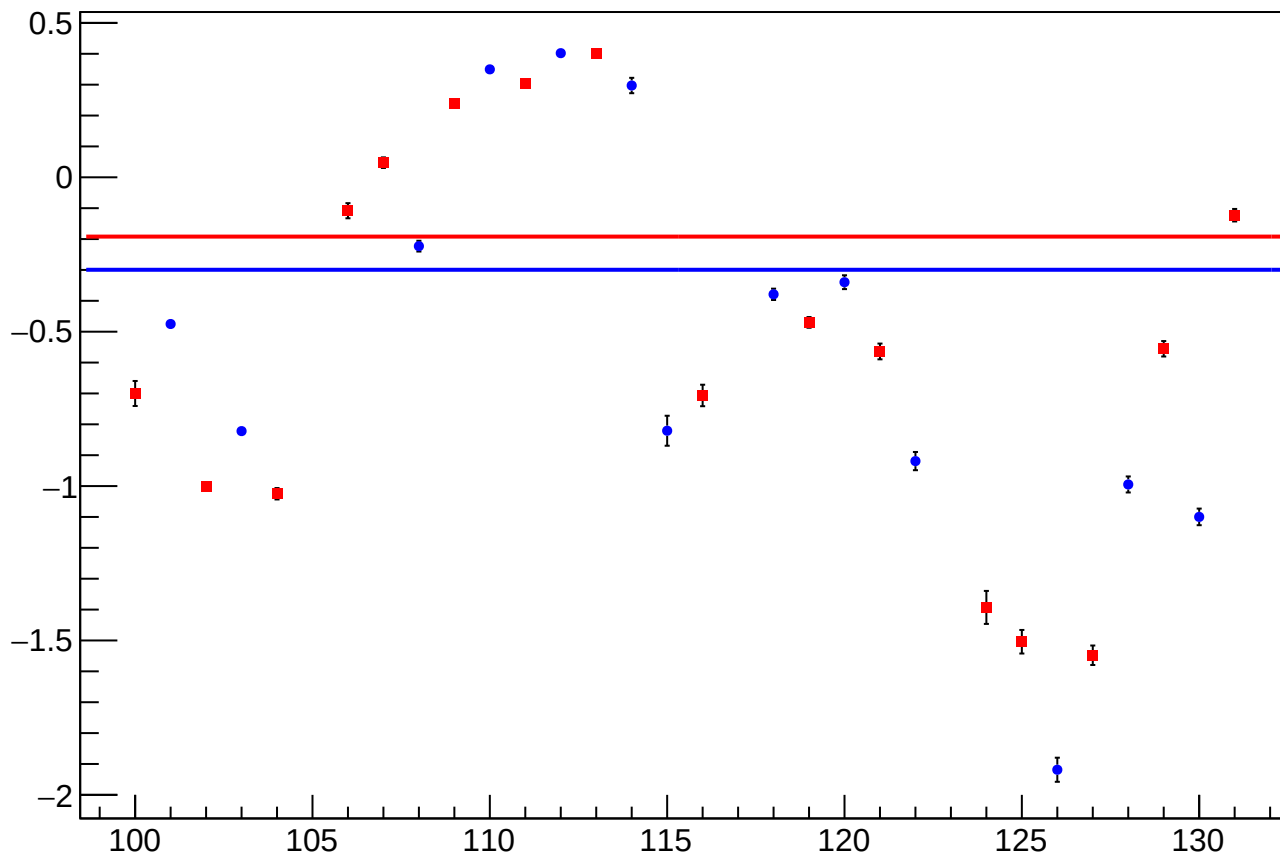
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.638+/-0.055 χ^2/NDF : 2246.8/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: -0.299 ± 0.005 $\chi^2/\text{NDF}: 10425.5/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.192 ± 0.005 $\chi^2/\text{NDF}: 14533.0/15$

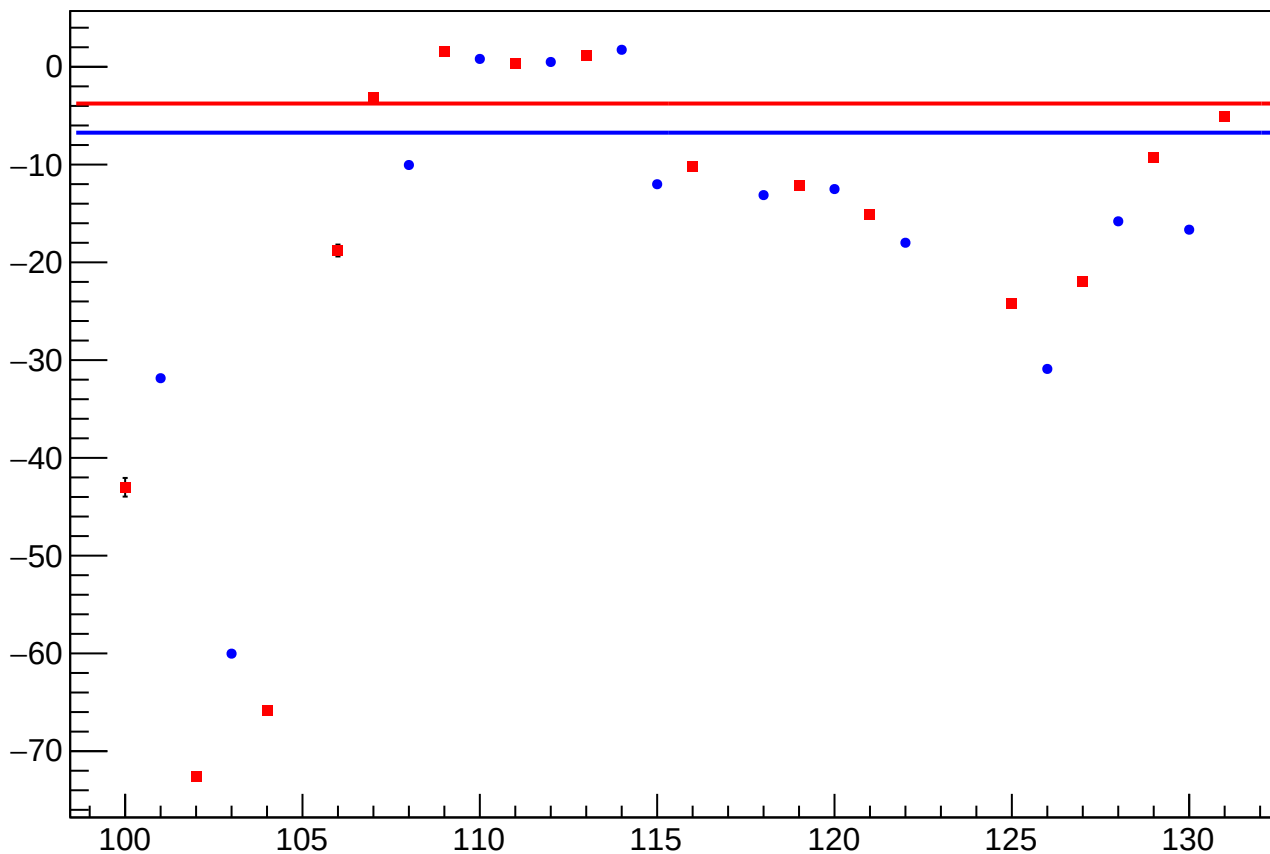
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.239 ± 0.004 $\chi^2/\text{NDF}: 25183.2/28$

- 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: -6.737 ± 0.061 χ^2/NDF : 40786.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.756 ± 0.048 χ^2/NDF : 59892.6/14

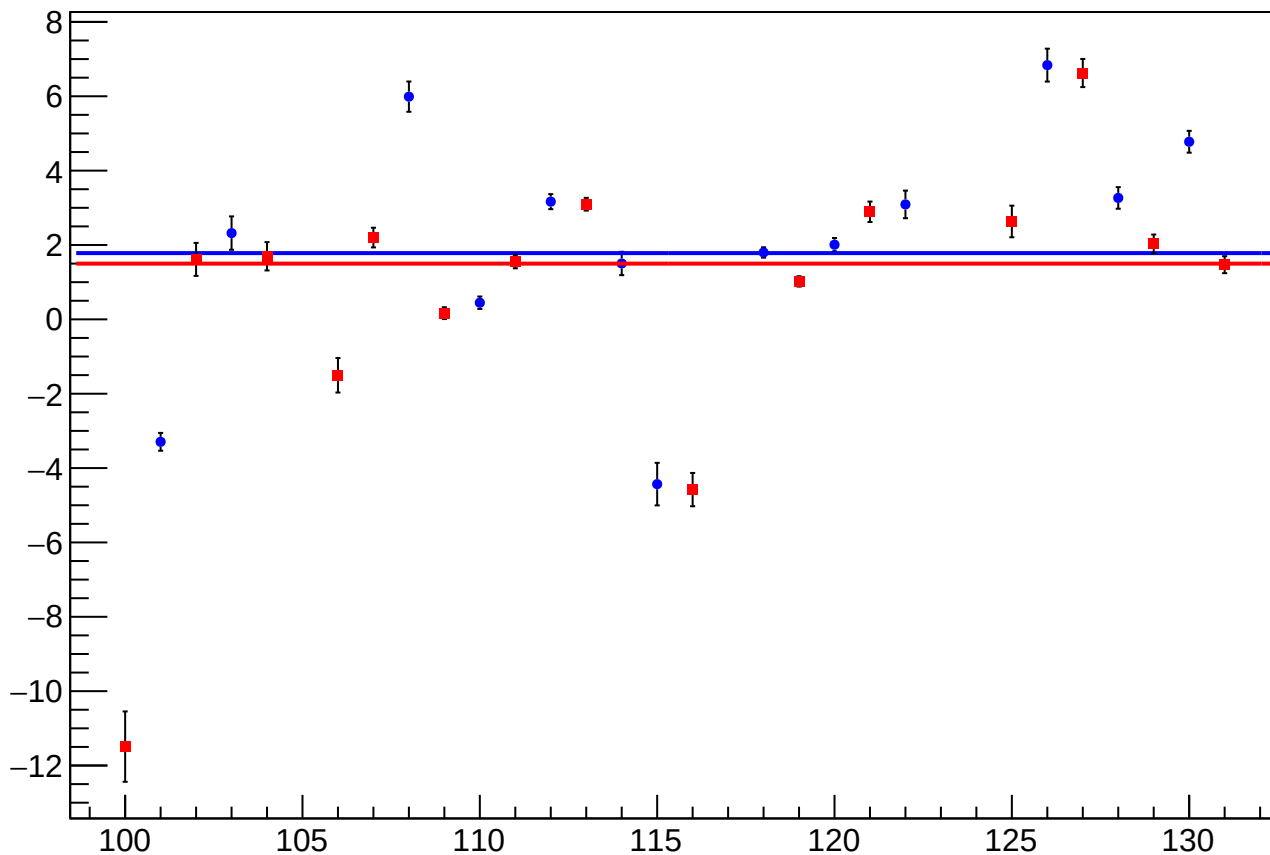
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.918 ± 0.038 χ^2/NDF : 102154.2/27

- 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: 1.782 $\pm$ 0.067 χ^2 /NDF: 1060.5/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.499 $\pm$ 0.063 χ^2 /NDF: 811.6/14

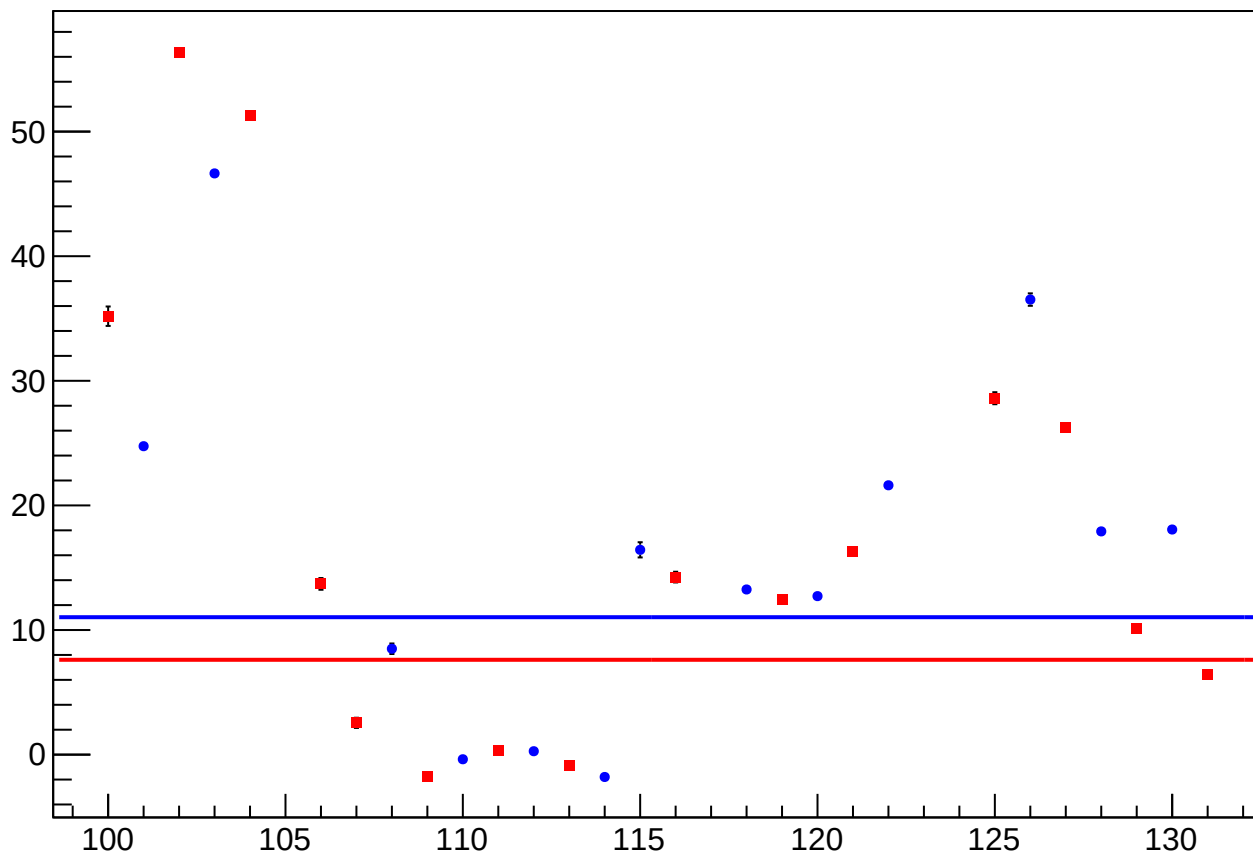
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.630 $\pm$ 0.046 χ^2 /NDF: 1881.5/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 11.029+/-0.074 χ^2/NDF : 29906.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.611+/-0.064 χ^2/NDF : 50061.6/14

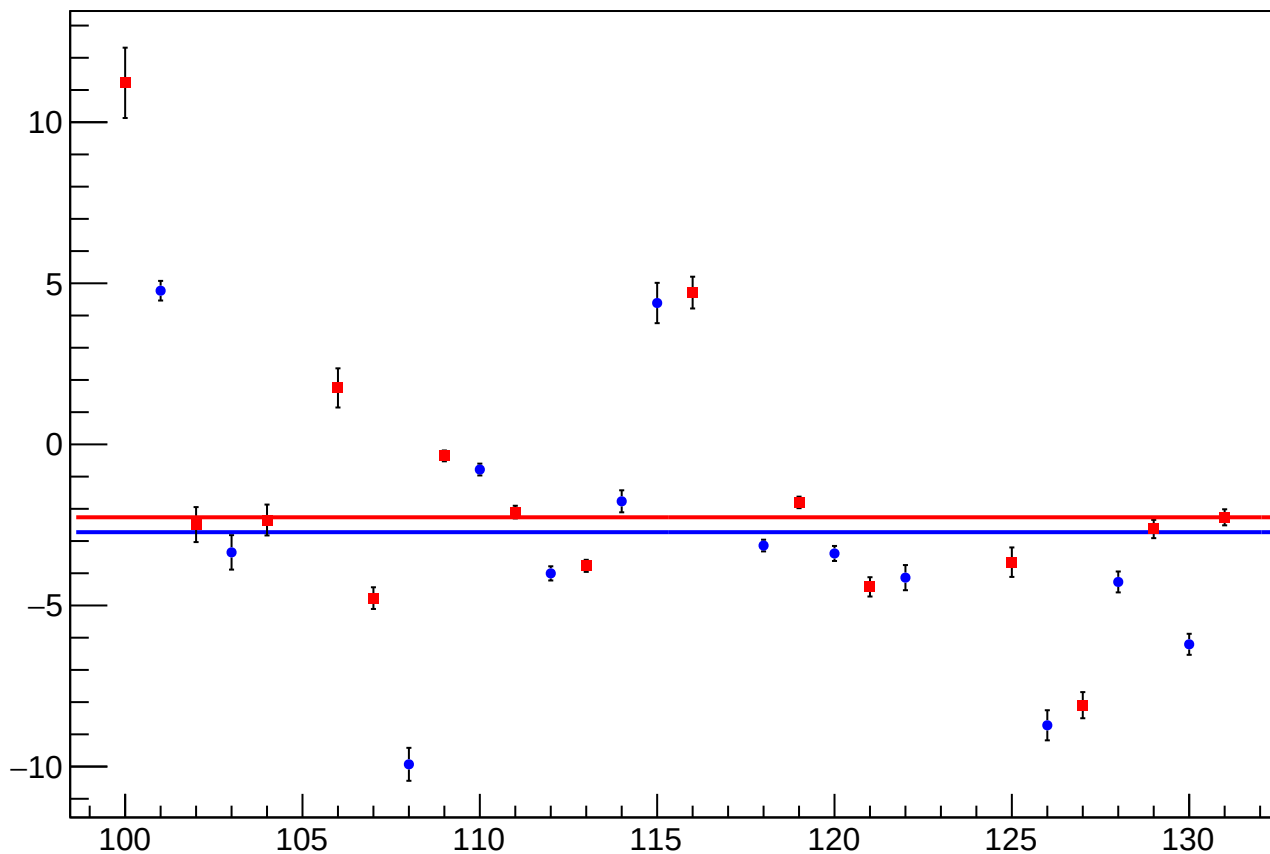
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.069+/-0.049 χ^2/NDF : 81180.1/27

- 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: -2.725+/-0.079 χ^2/NDF : 1415.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.262+/-0.071 χ^2/NDF : 921.6/14

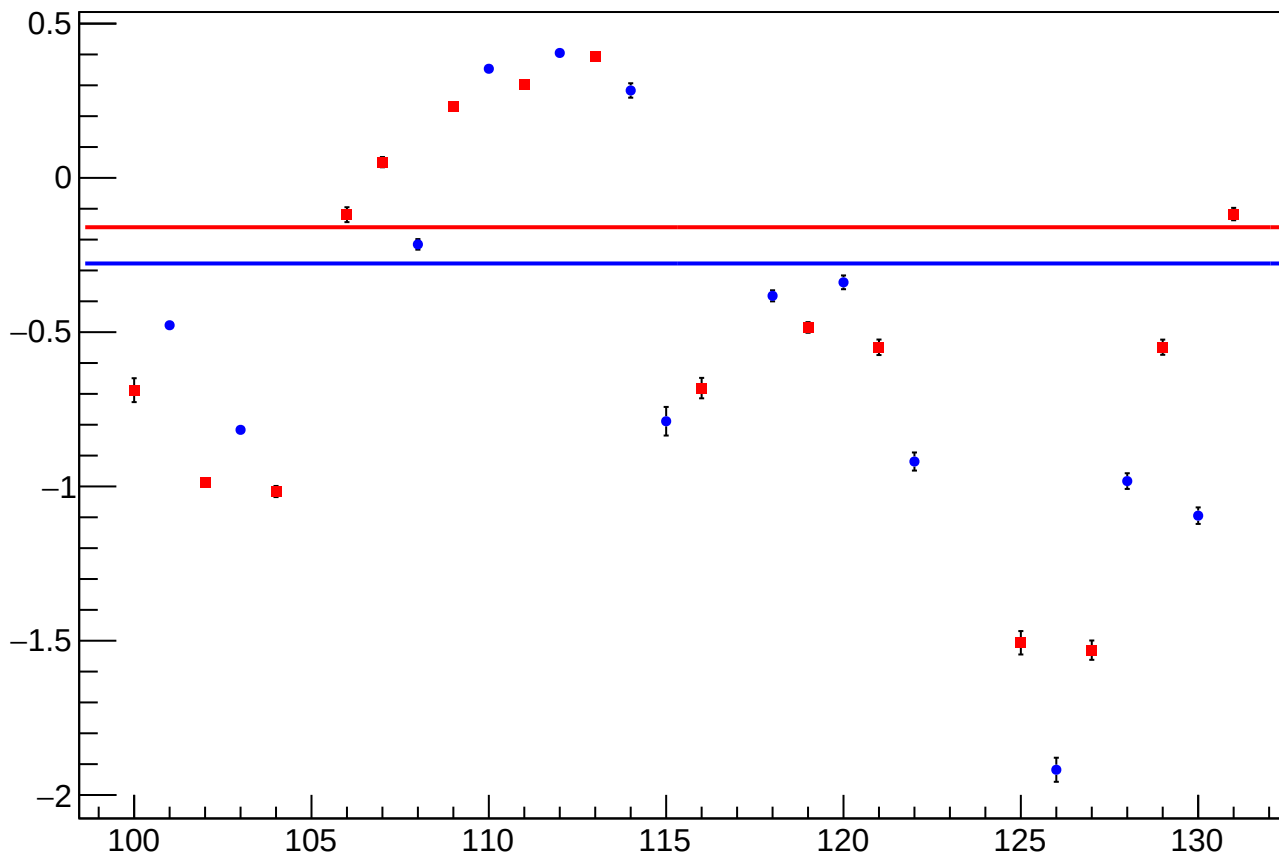
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.469+/-0.053 χ^2/NDF : 2355.5/27

- 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: -0.277 ± 0.005 $\chi^2/\text{NDF}: 11148.6/12$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.160 ± 0.005 $\chi^2/\text{NDF}: 14759.0/14$

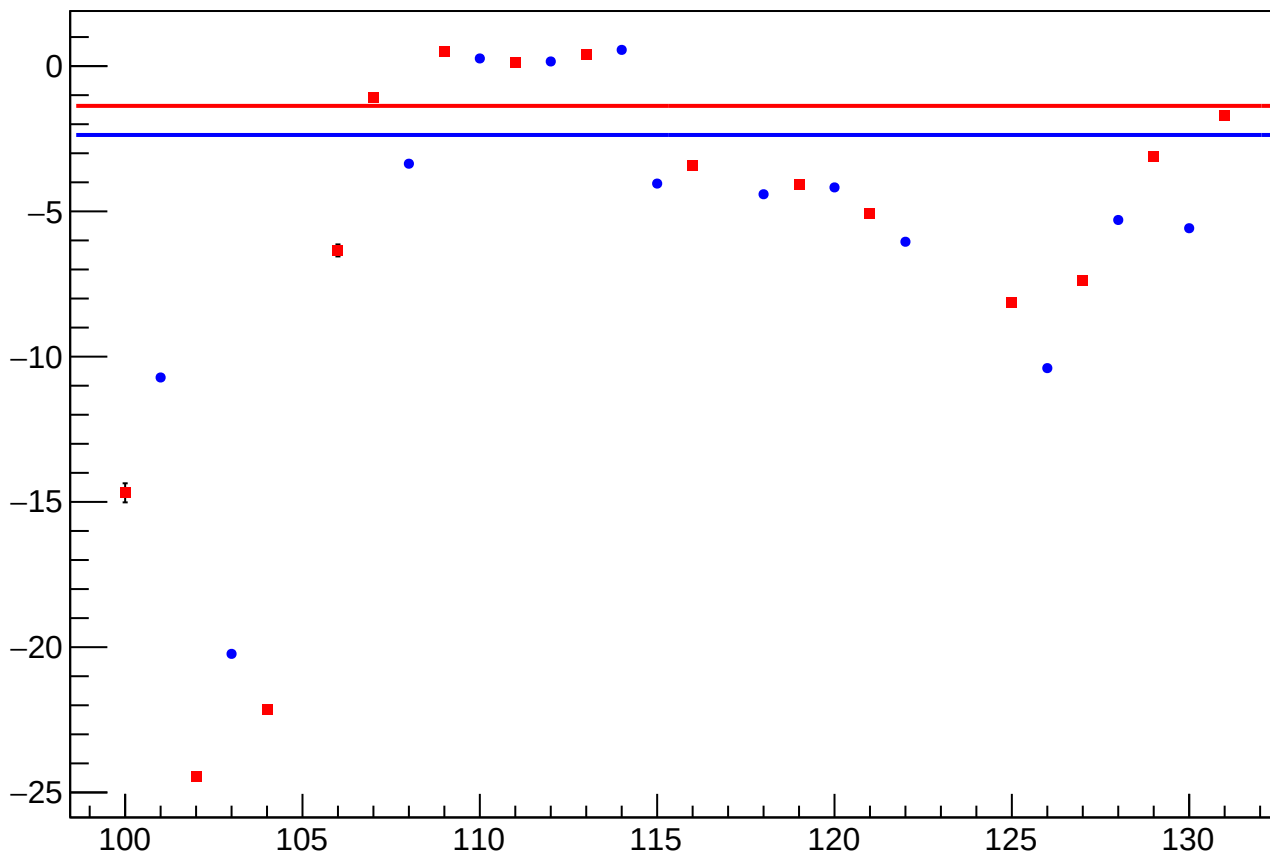
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.211 ± 0.003 $\chi^2/\text{NDF}: 26196.6/27$

- 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: -2.370+/-0.021 χ^2/NDF : 39637.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.369+/-0.017 χ^2/NDF : 58509.7/14

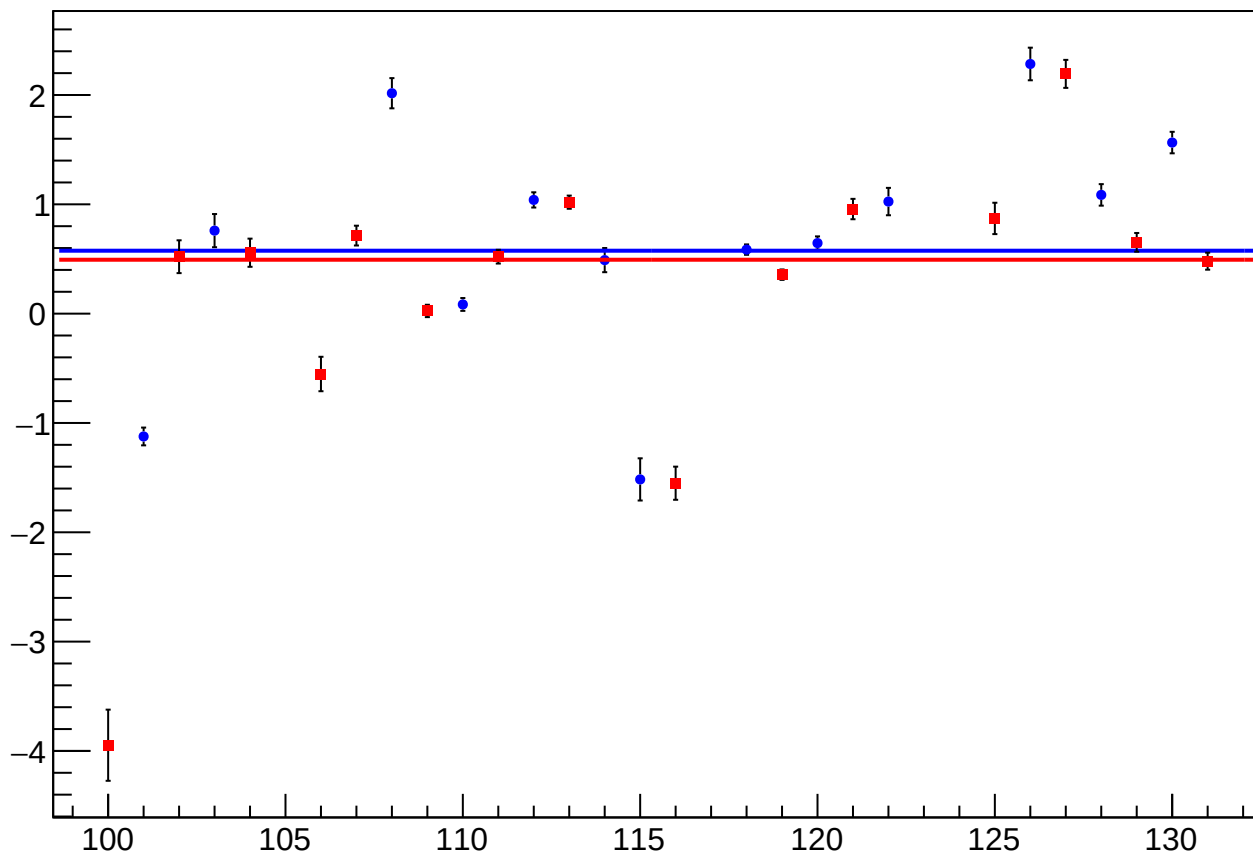
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.764+/-0.013 χ^2/NDF : 99531.5/27

- 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: 0.576 $\pm$ 0.023 χ^2 /NDF: 1052.9/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.493 $\pm$ 0.022 χ^2 /NDF: 783.4/14

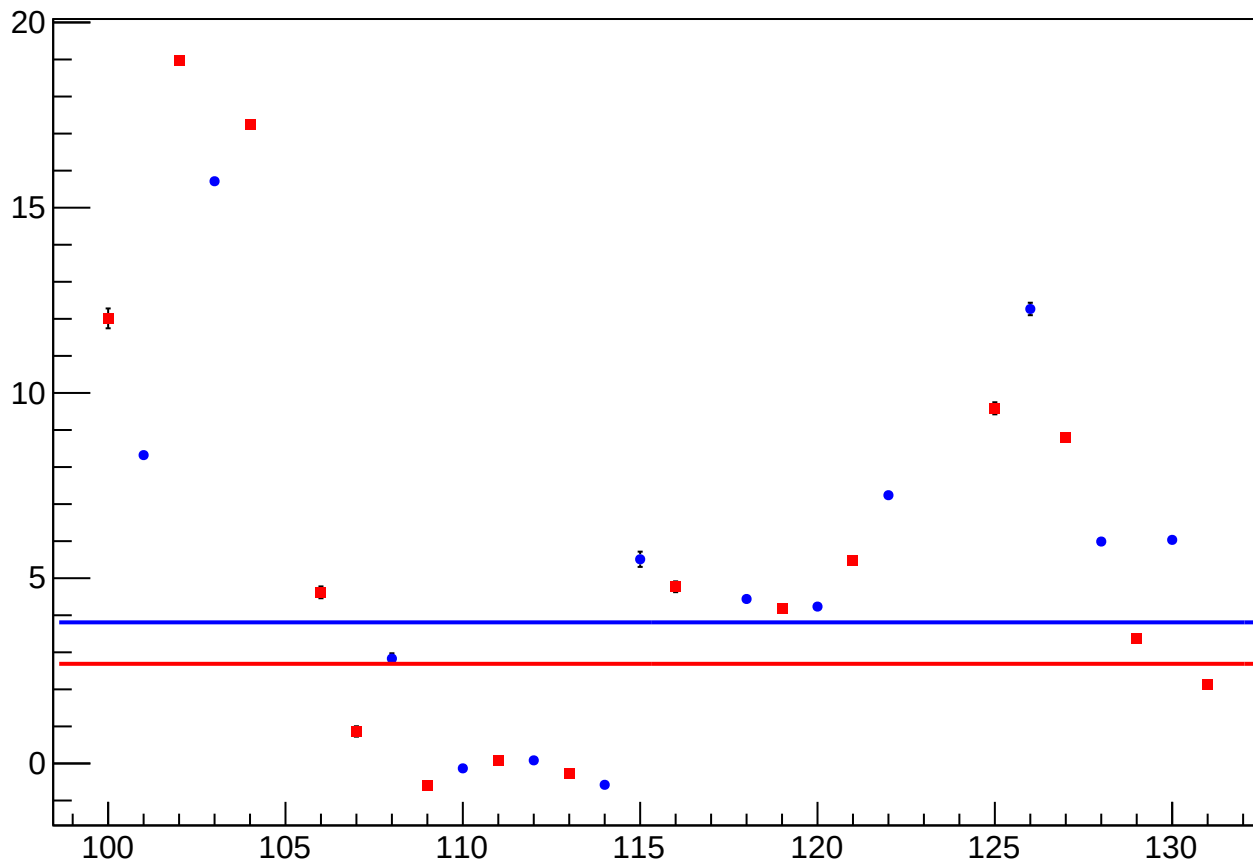
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.532 $\pm$ 0.016 χ^2 /NDF: 1843.1/27

- 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: 3.808 $\pm$ 0.026 χ^2 /NDF: 28887.2/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.689 $\pm$ 0.022 χ^2 /NDF: 48637.2/14

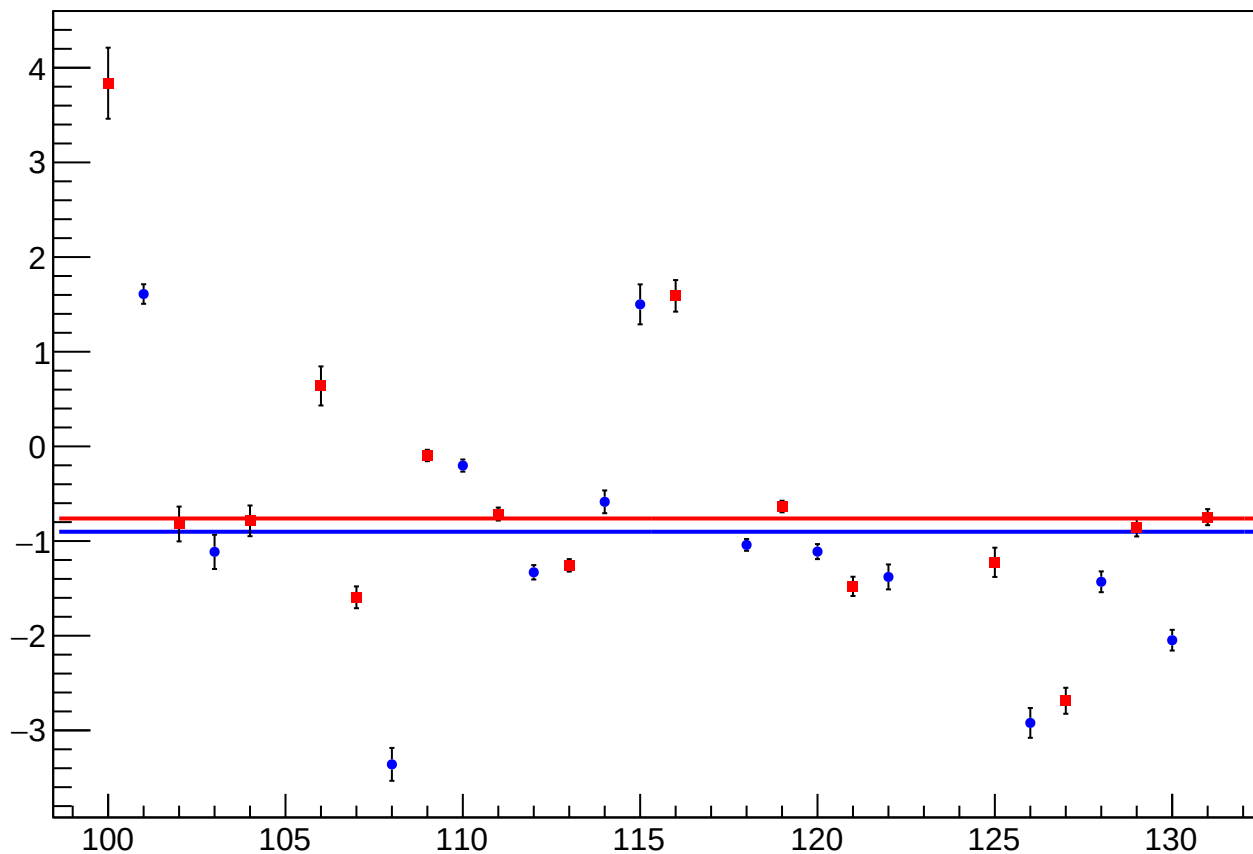
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.172 $\pm$ 0.017 χ^2 /NDF: 78615.8/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.902 ± 0.027 χ^2/NDF : 1400.9/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.762 ± 0.025 χ^2/NDF : 888.2/14

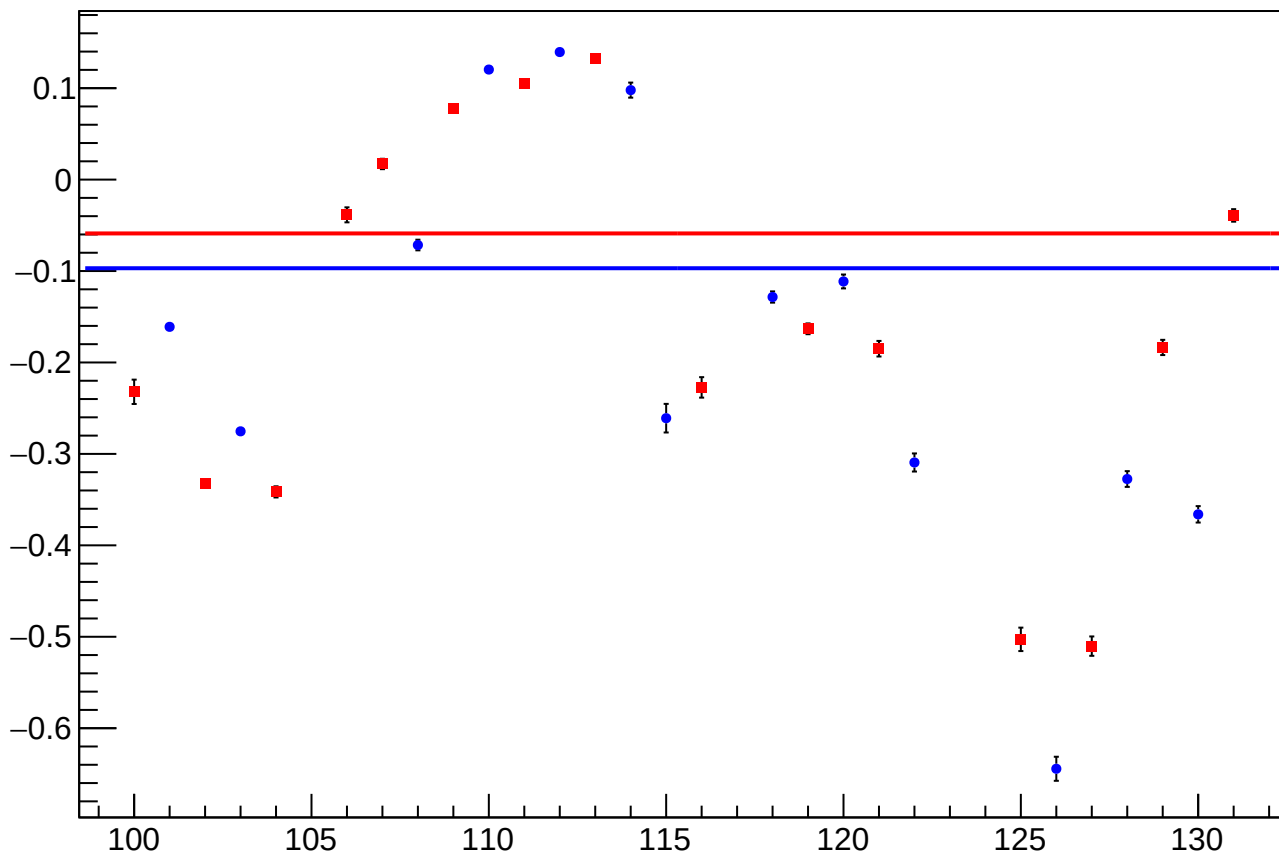
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.825 ± 0.018 χ^2/NDF : 2303.6/27

- 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: -0.097 ± 0.002 χ^2/NDF : 10809.8/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.059 ± 0.002 χ^2/NDF : 14189.1/14

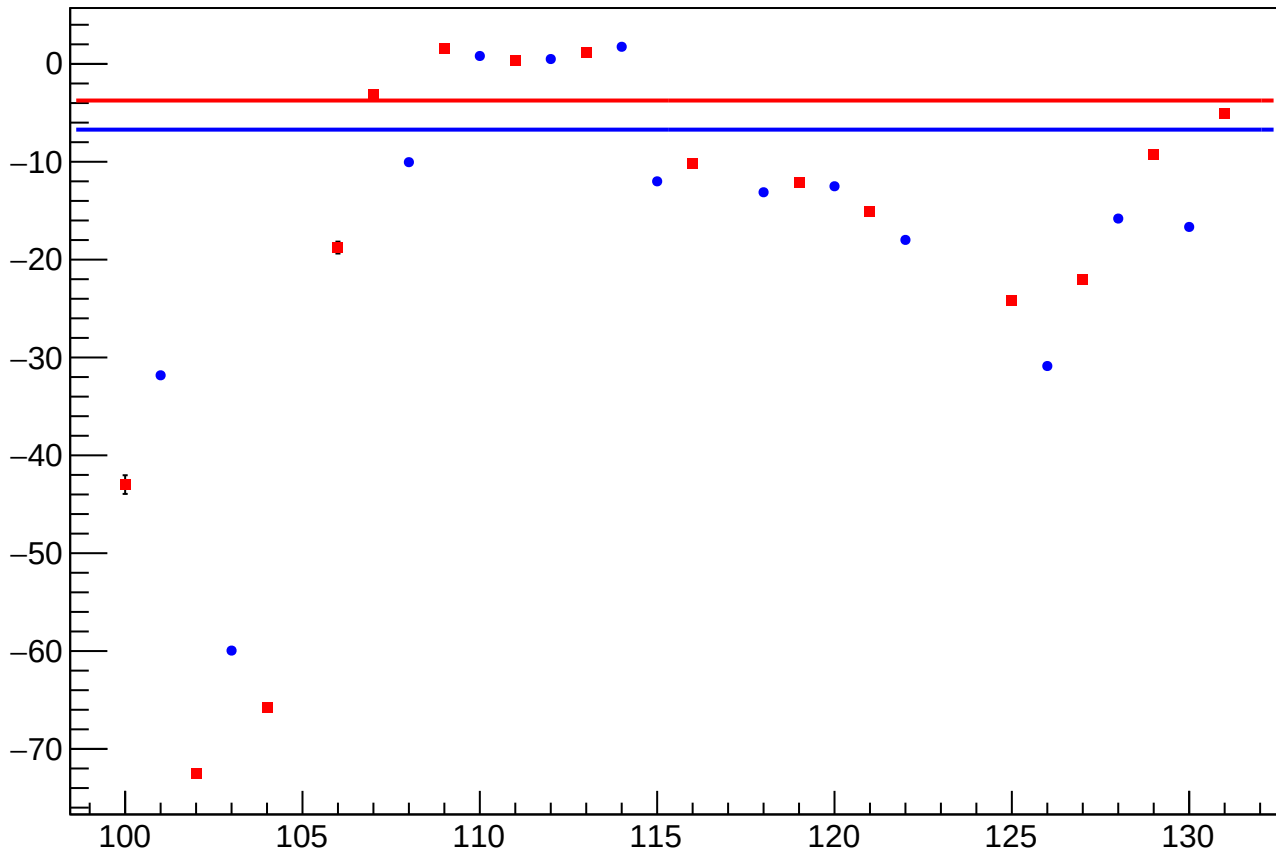
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.076 ± 0.001 χ^2/NDF : 25255.5/27

- 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: -6.716+/-0.061 χ^2/NDF : 40816.9/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.741+/-0.048 χ^2/NDF : 59924.6/14

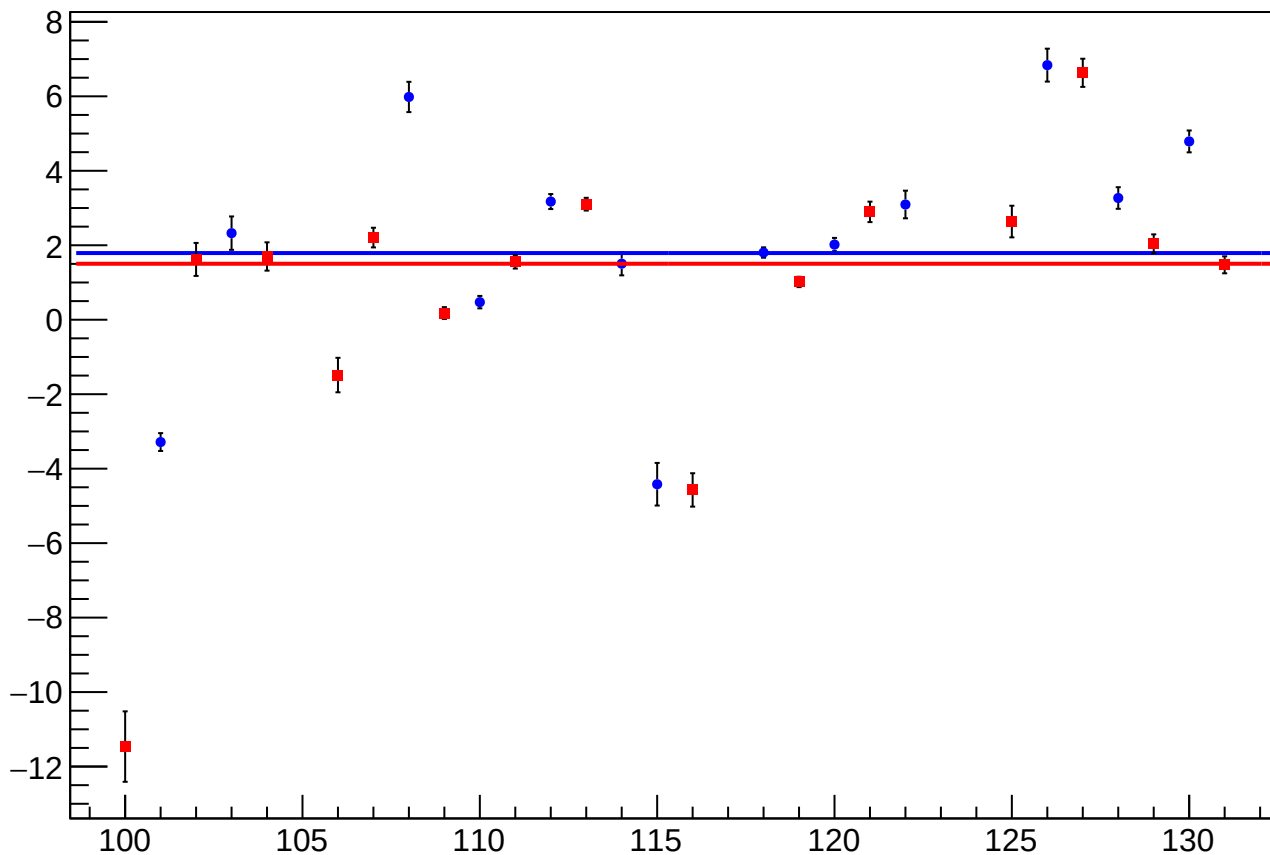
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.900+/-0.038 χ^2/NDF : 102216.1/27

- 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: 1.791 $\pm$ 0.067 χ^2 /NDF: 1059.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.503 $\pm$ 0.063 χ^2 /NDF: 811.6/14

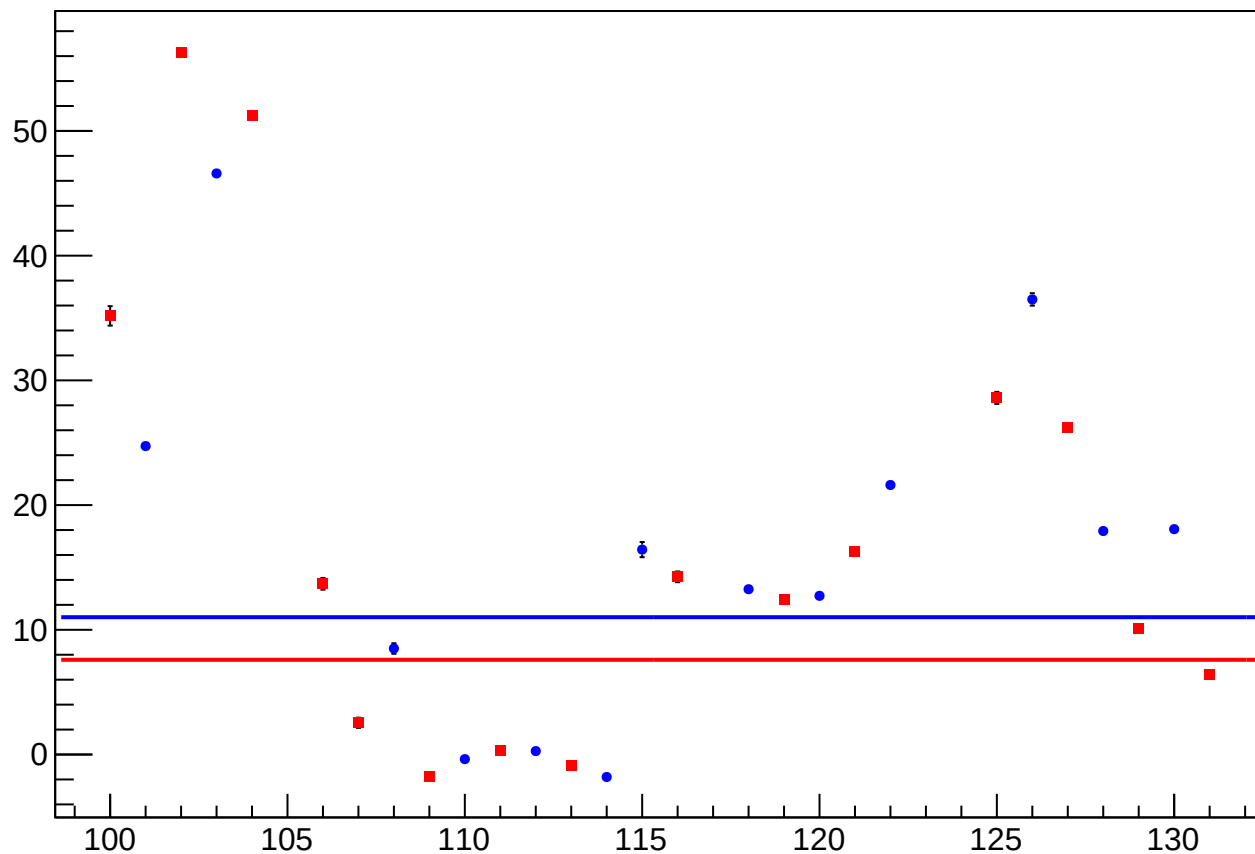
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.637 $\pm$ 0.046 χ^2 /NDF: 1880.3/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 11.011+/-0.074 χ^2/NDF : 29934.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.596+/-0.064 χ^2/NDF : 50092.4/14

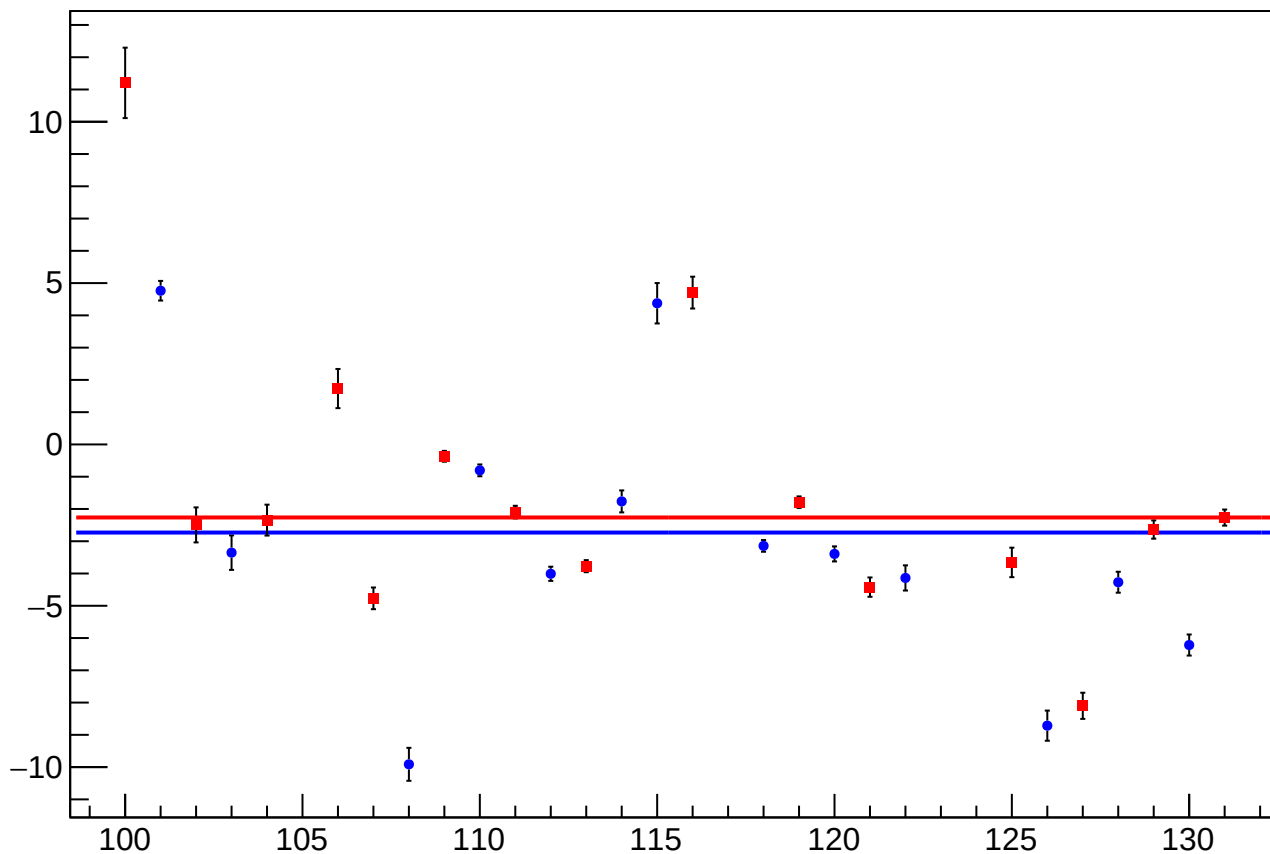
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.052+/-0.048 χ^2/NDF : 81240.2/27

- 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: -2.731 ± 0.079 χ^2/NDF : 1413.5/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.264 ± 0.071 χ^2/NDF : 921.6/14

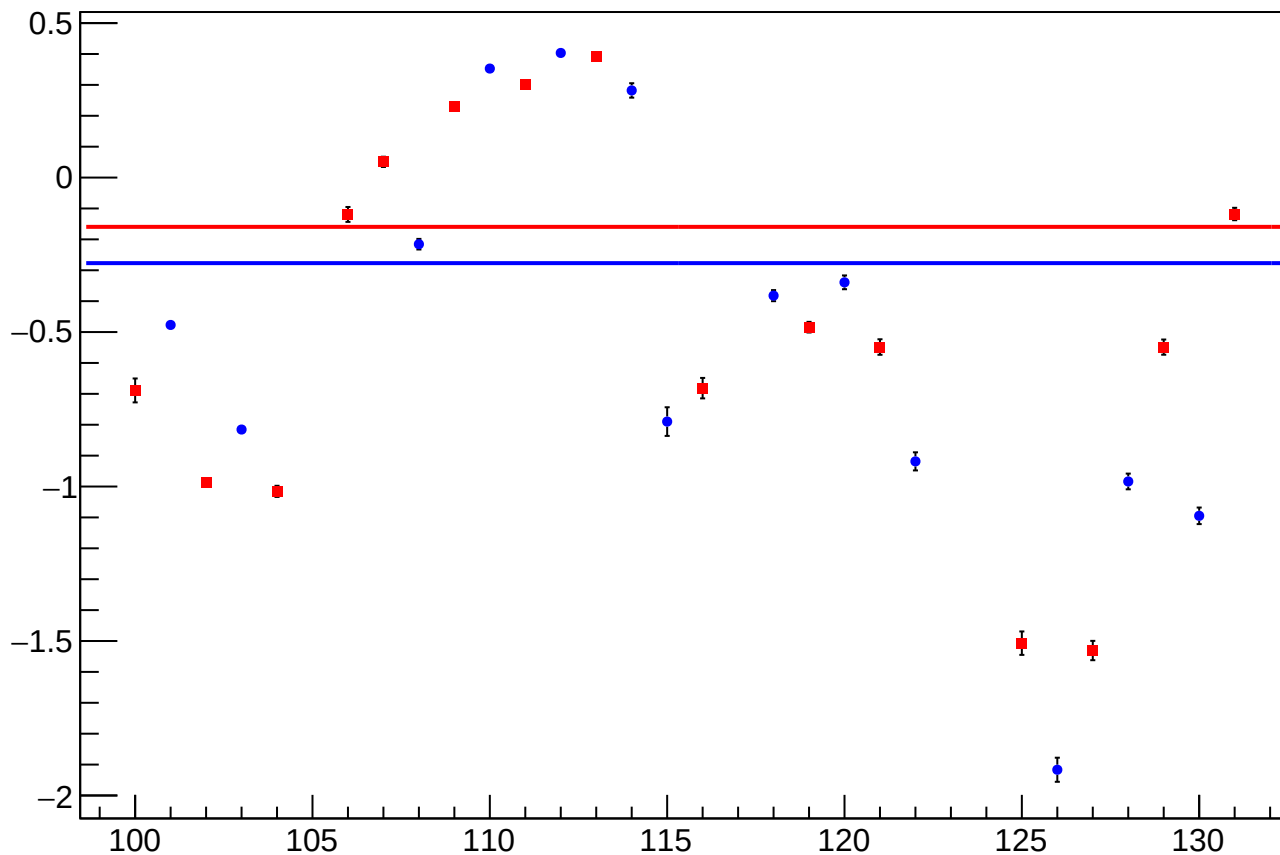
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.472 ± 0.053 χ^2/NDF : 2354.3/27

- 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: -0.277 ± 0.005 χ^2/NDF : 11148.0/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.160 ± 0.005 χ^2/NDF : 14771.1/14

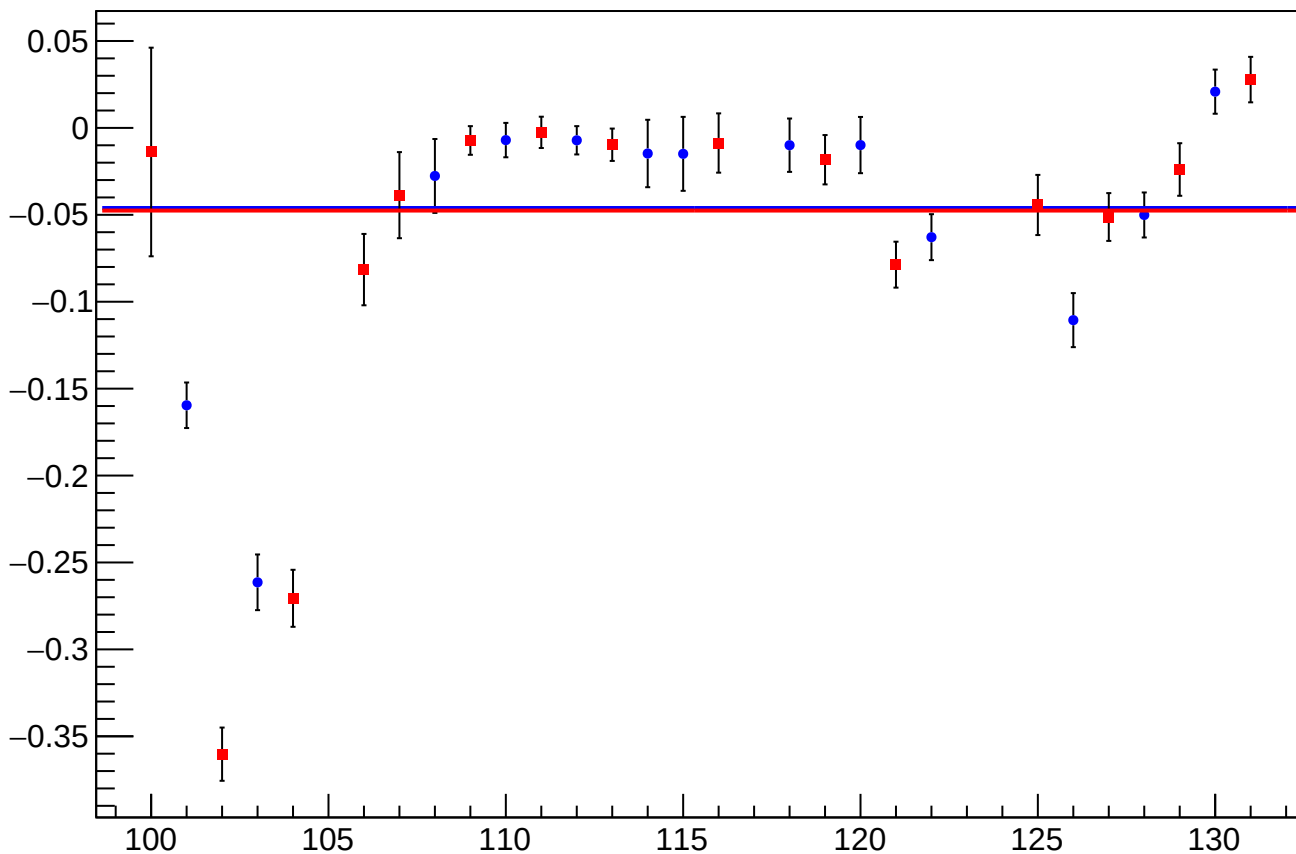
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.211 ± 0.003 χ^2/NDF : 26208.7/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_an_ds_dd_diff_bpm1X_slope vs Slug



Right In: -0.046 $\pm$ 0.004 χ^2 /NDF: 357.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.048 $\pm$ 0.003 χ^2 /NDF: 721.4/14

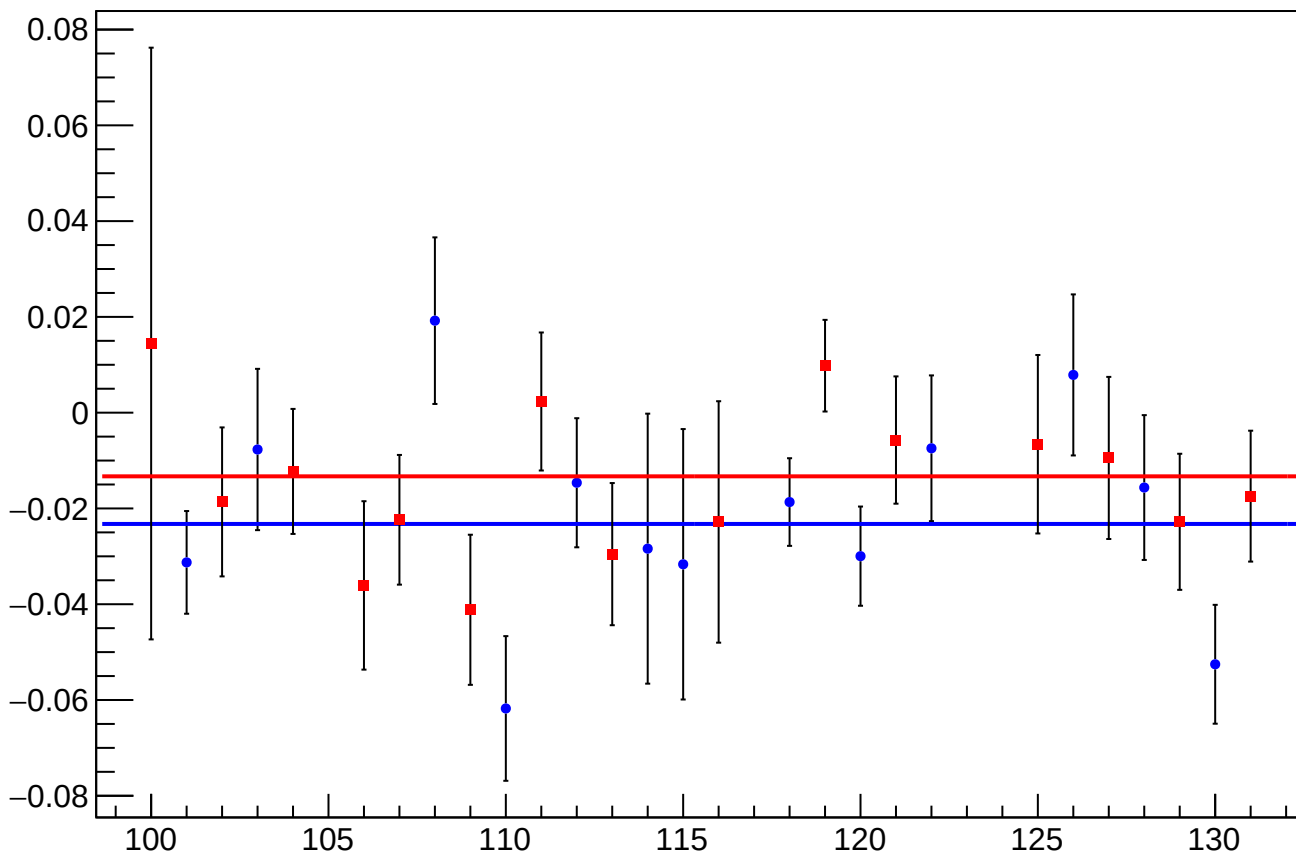
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.047 $\pm$ 0.003 χ^2 /NDF: 1078.6/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4aY_slope vs Slug



Right In: -0.023 ± 0.004 χ^2/NDF : 25.4/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.013 ± 0.004 χ^2/NDF : 15.0/14

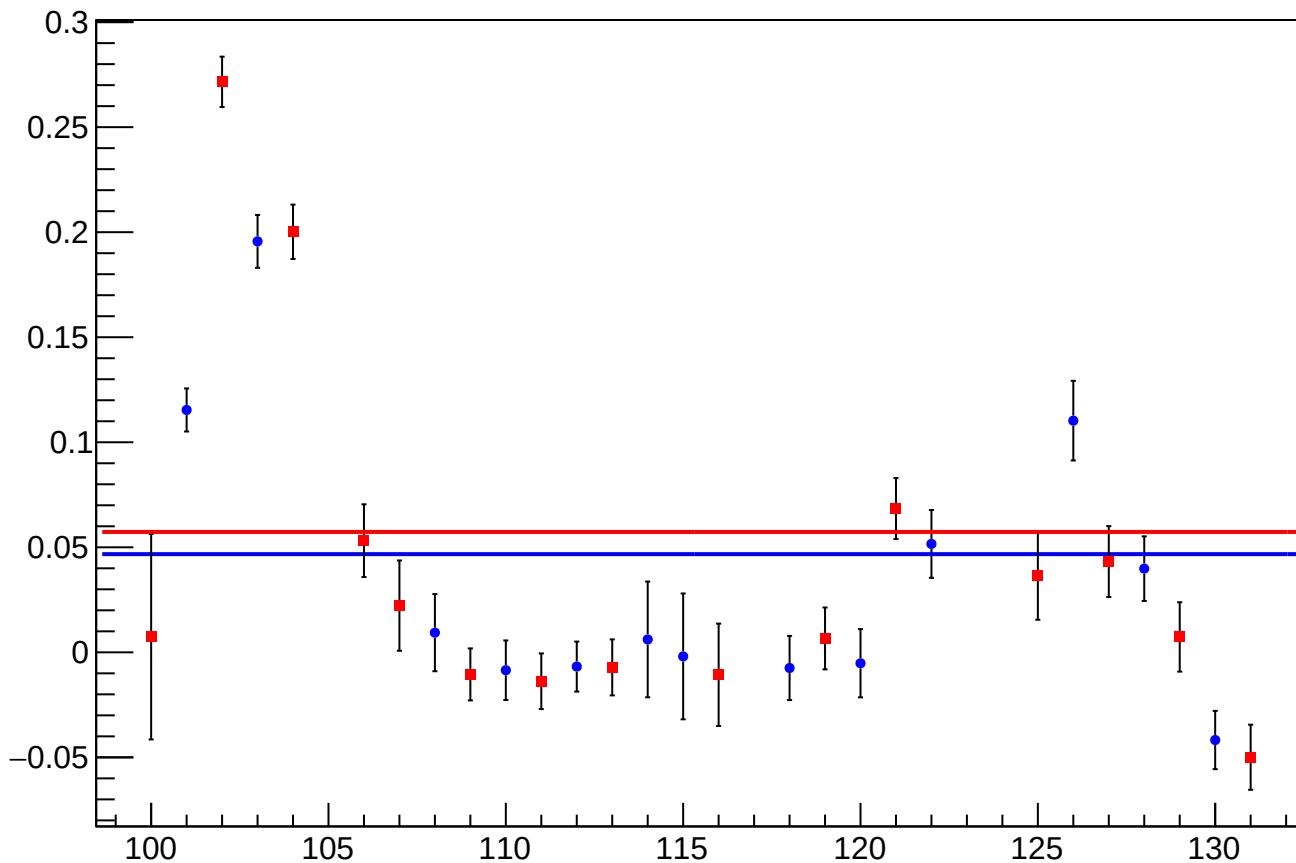
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.003 χ^2/NDF : 43.8/27

- 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: 0.047 $\pm$ 0.004 χ^2 /NDF: 304.4/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.057 $\pm$ 0.004 χ^2 /NDF: 605.9/14

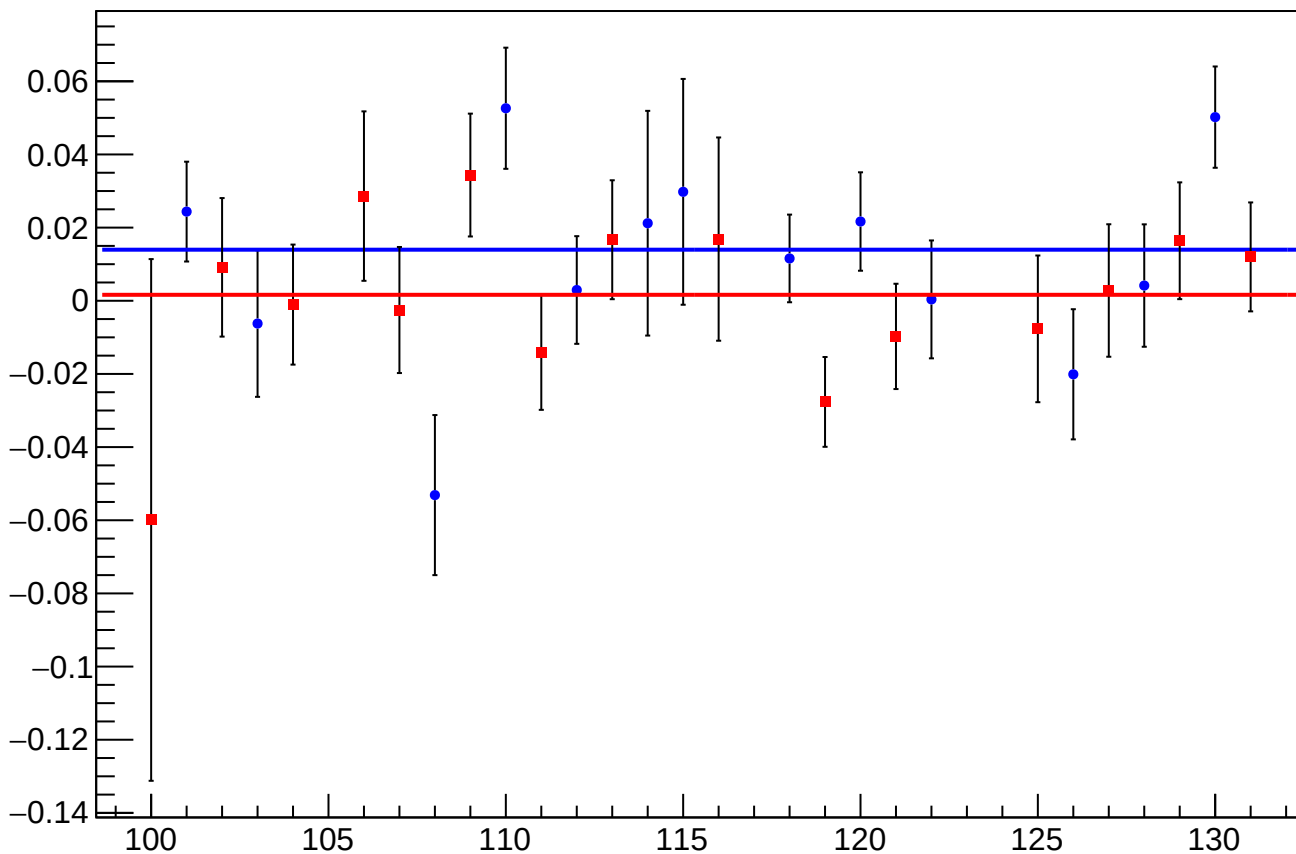
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.052 $\pm$ 0.003 χ^2 /NDF: 913.6/27

- 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 $\pm$ 0.005 χ^2 /NDF: 29.3/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.002 $\pm$ 0.004 χ^2 /NDF: 16.2/14

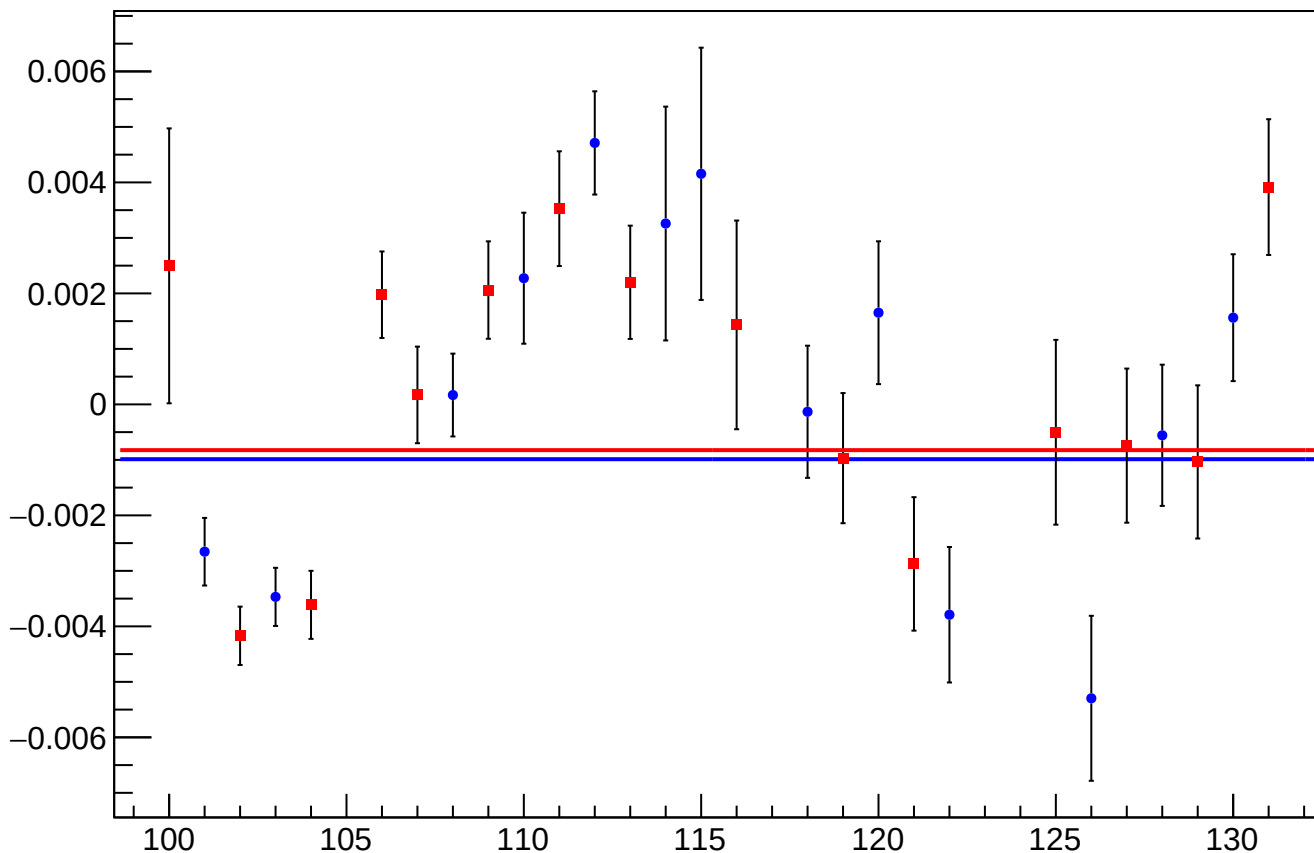
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.003 χ^2 /NDF: 49.2/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_an_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.001+/-0.000 χ^2 /NDF: 110.2/12

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.001+/-0.000 χ^2 /NDF: 133.9/14

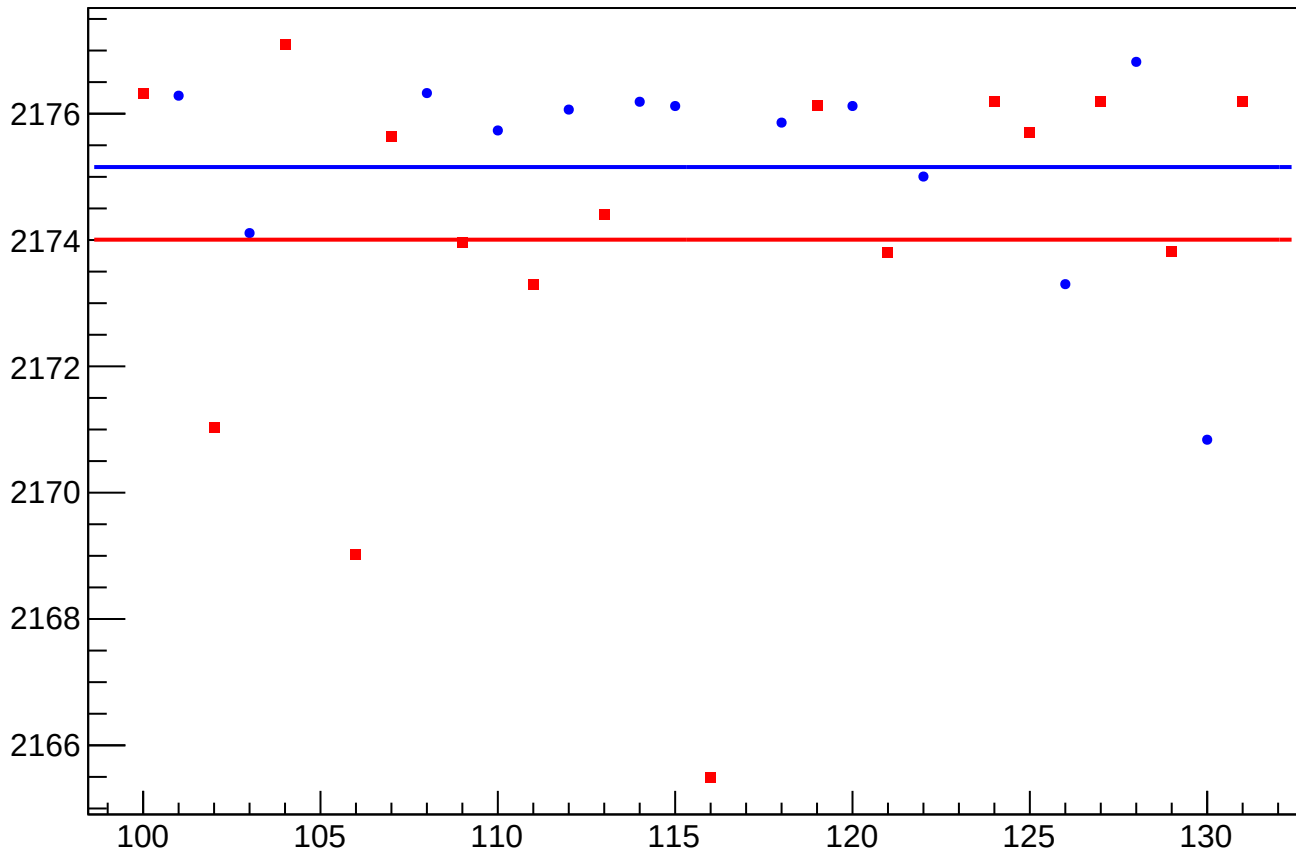
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.001+/-0.000 χ^2 /NDF: 244.3/27

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

HALLA_p_mean vs Slug



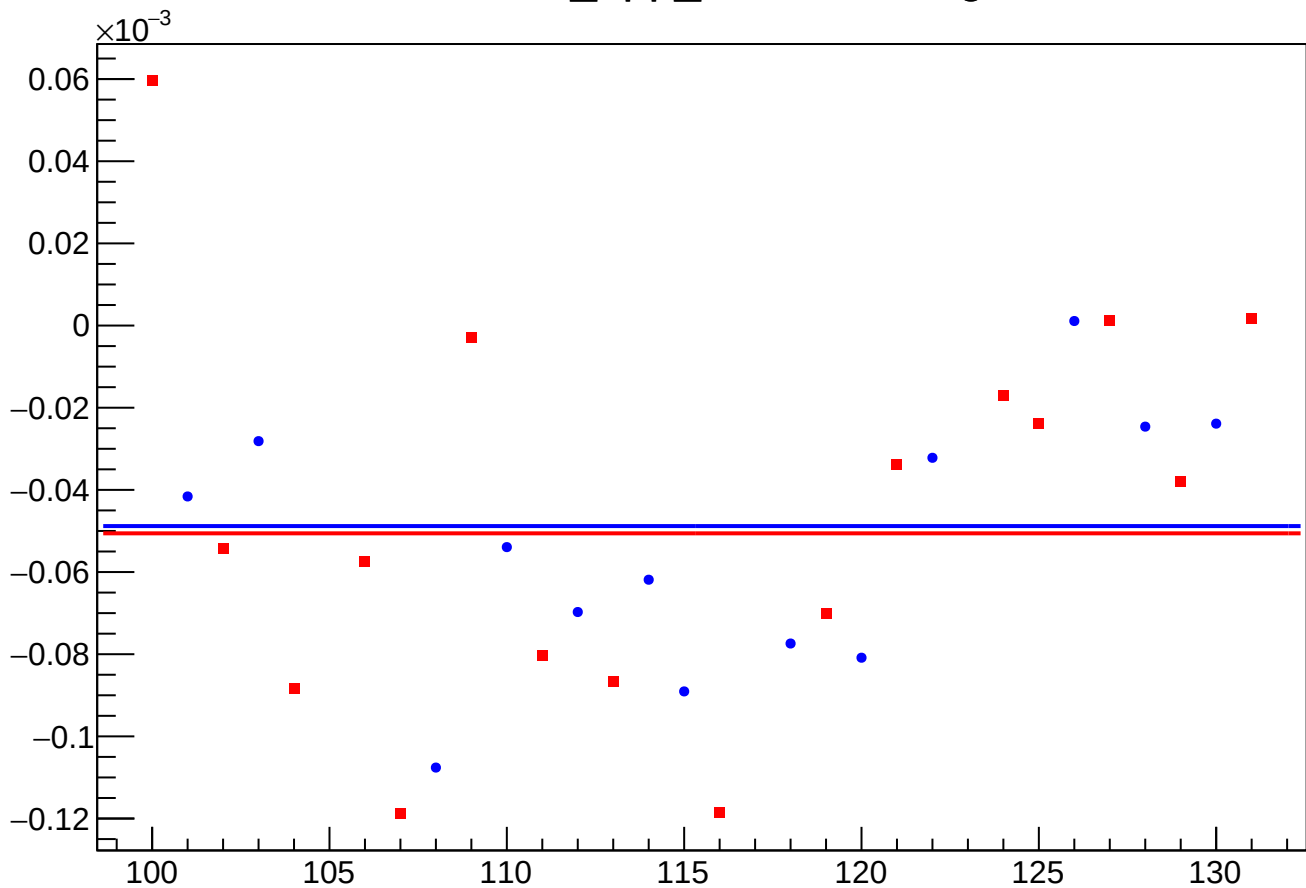
Right In: 2175.155+/-0.000 χ^2/NDF : 1650056545816131911090883025436672.0/12
 + sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2174.545+/-0.000 χ^2/NDF : 69382918046
 Right Out: 2174.006+/-0.000 χ^2/NDF : 4888917587449831228336709195268096.0/15
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

HALLA_dpp_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 483066589934822778470400.0/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

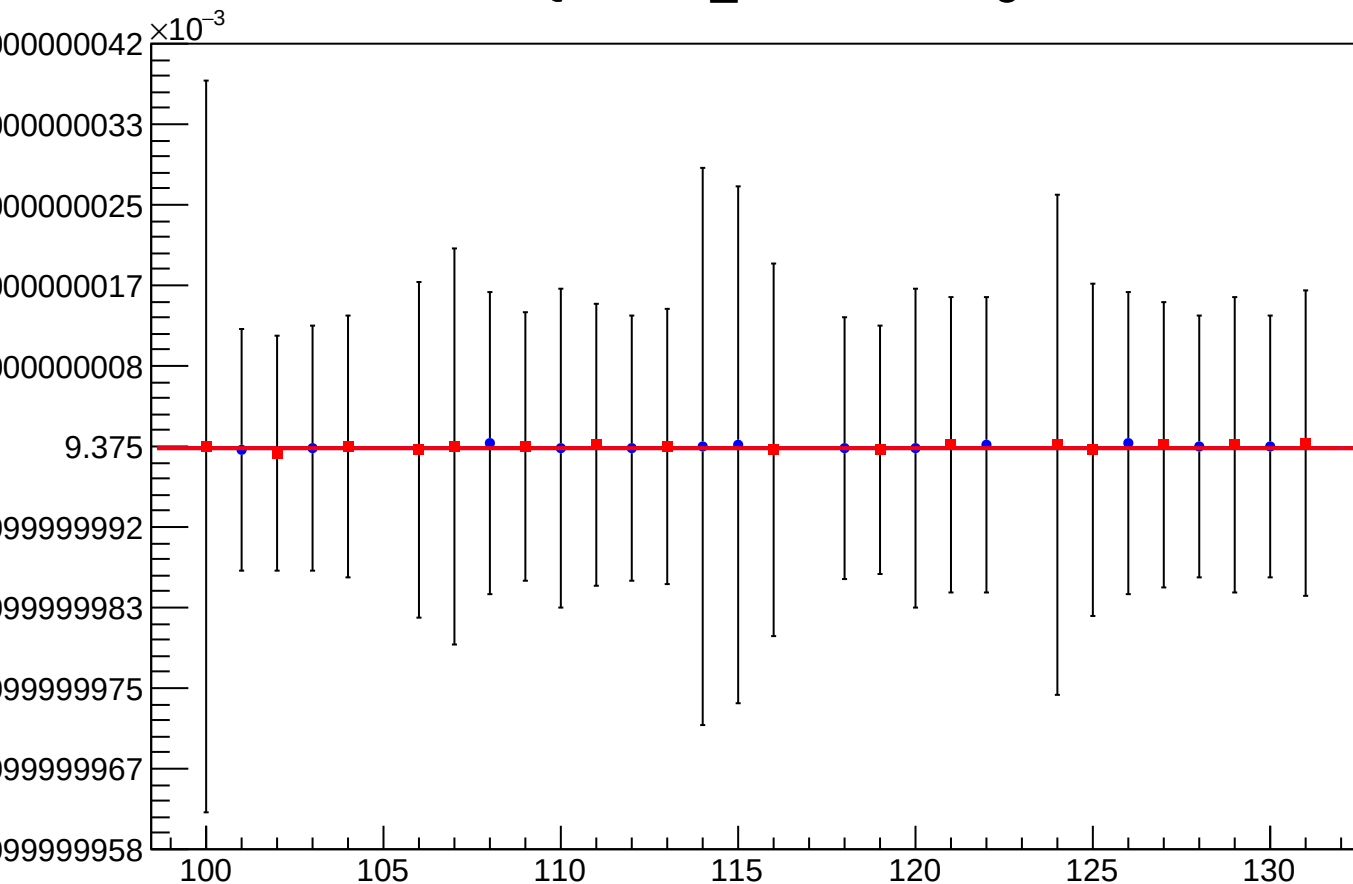
All: -0.000+/-0.000 χ^2/NDF : 1425776499534

Right Out: -0.000+/-0.000 χ^2/NDF : 941766469573503107465216.0/15

- 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: 0.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/15

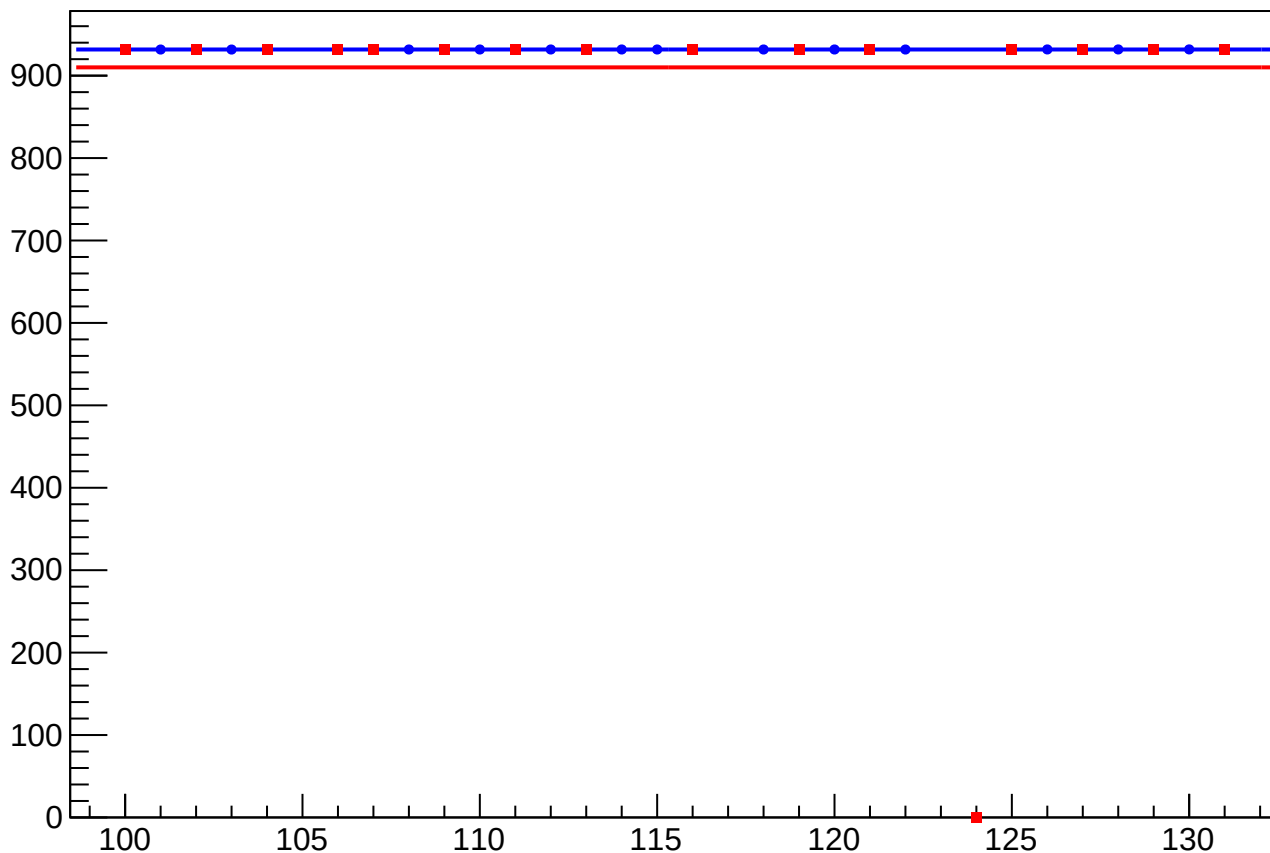
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

HacL_Q2_HP3458A_IOOUT_mean vs Slug



Right In: 931.745 $\pm$ 0.000 χ^2 /NDF: 1257862305878828706201916669952.0/12

+ 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

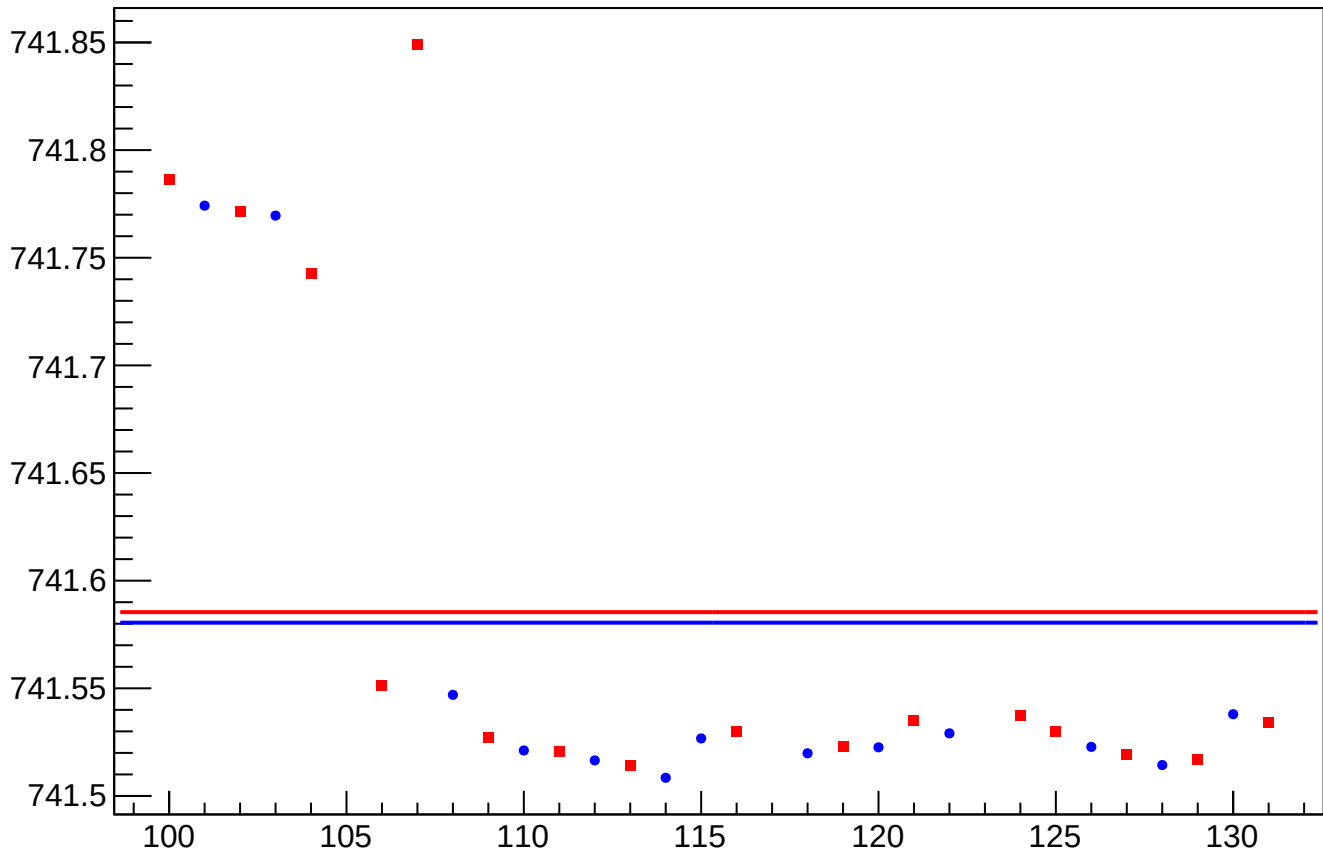
All: 920.225 $\pm$ 0.000 χ^2 /NDF: 128603610500

Right Out: 910.046 $\pm$ 0.000 χ^2 /NDF: 12718125477989052034635806076489957376.0/15

- 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

HacL_D1_HP3458A_IOUT_mean vs Slug



Right In: 741.580+/-0.000 χ^2/NDF : 6098220586764361468726145449984.0/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

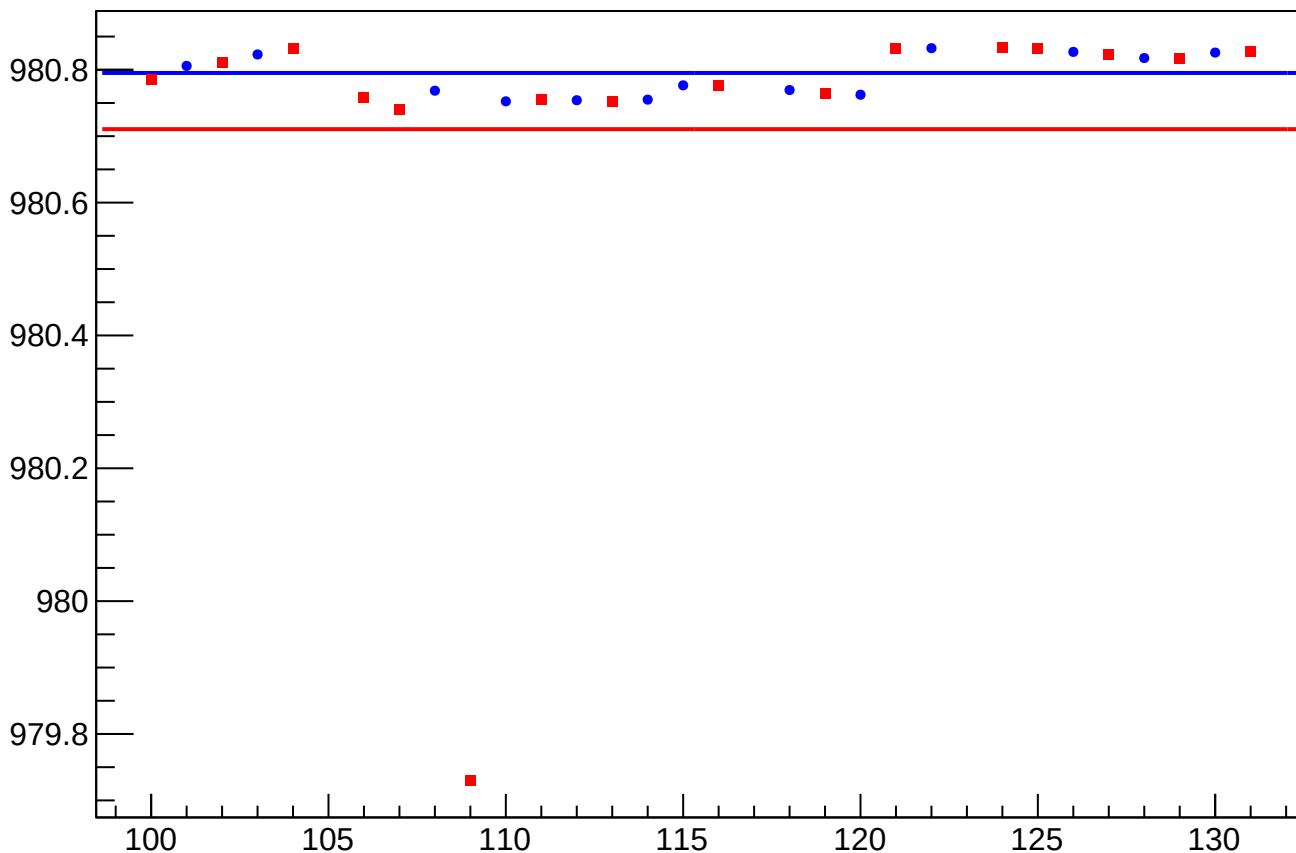
Right Out: 741.585+/-0.000 χ^2/NDF : 7382396057987518209090452979712.0/15

All: 741.583+/-0.000 χ^2/NDF : 134878544474

- 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: 980.795+/-0.000 χ^2/NDF : 521708003771899236099467247616.0/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

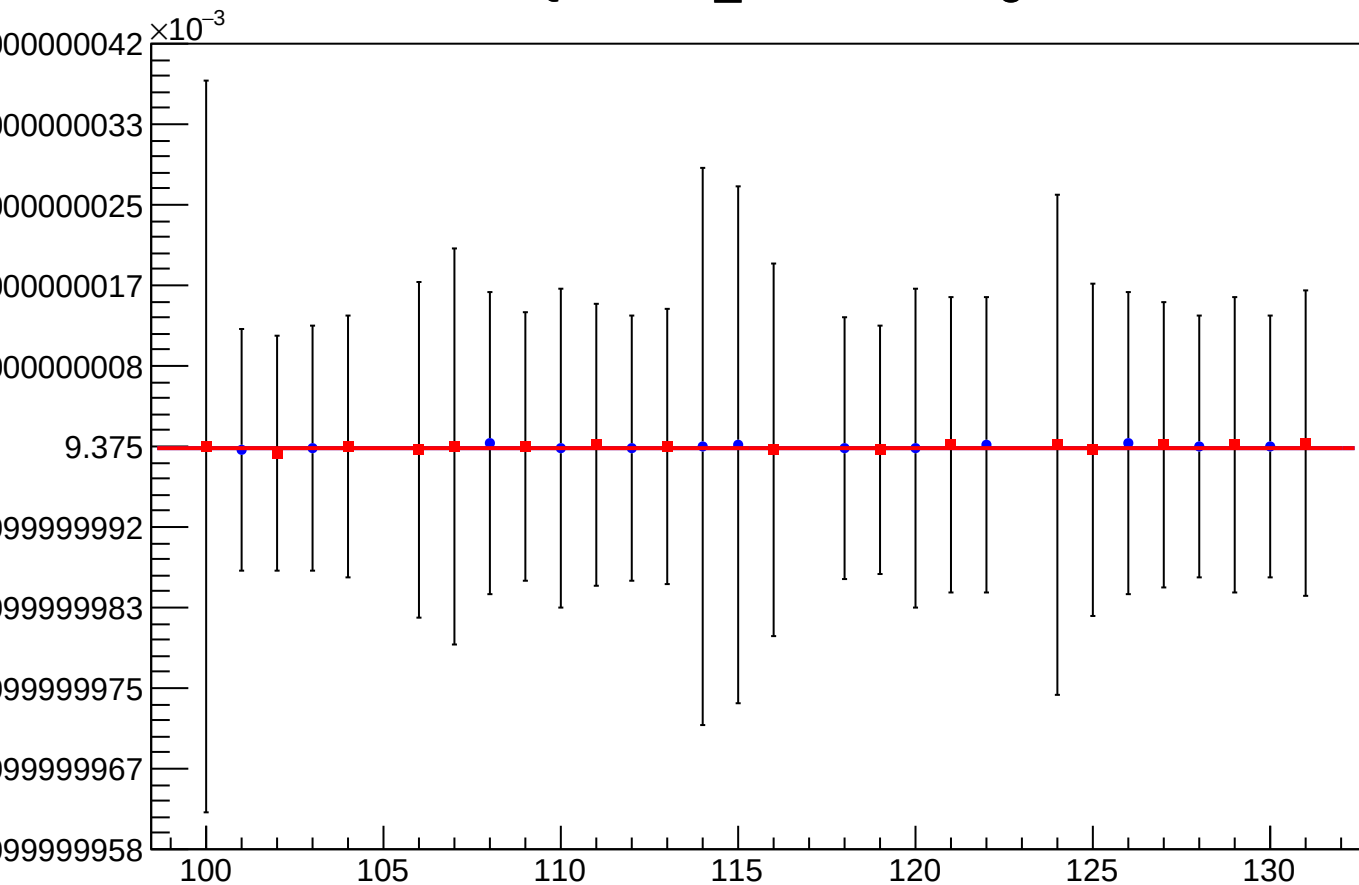
All: 980.750+/-0.000 χ^2/NDF : 577980880784.0/15

Right Out: 980.711+/-0.000 χ^2/NDF : 55112982089204293771413866676224.0/15

- 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: 0.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/15

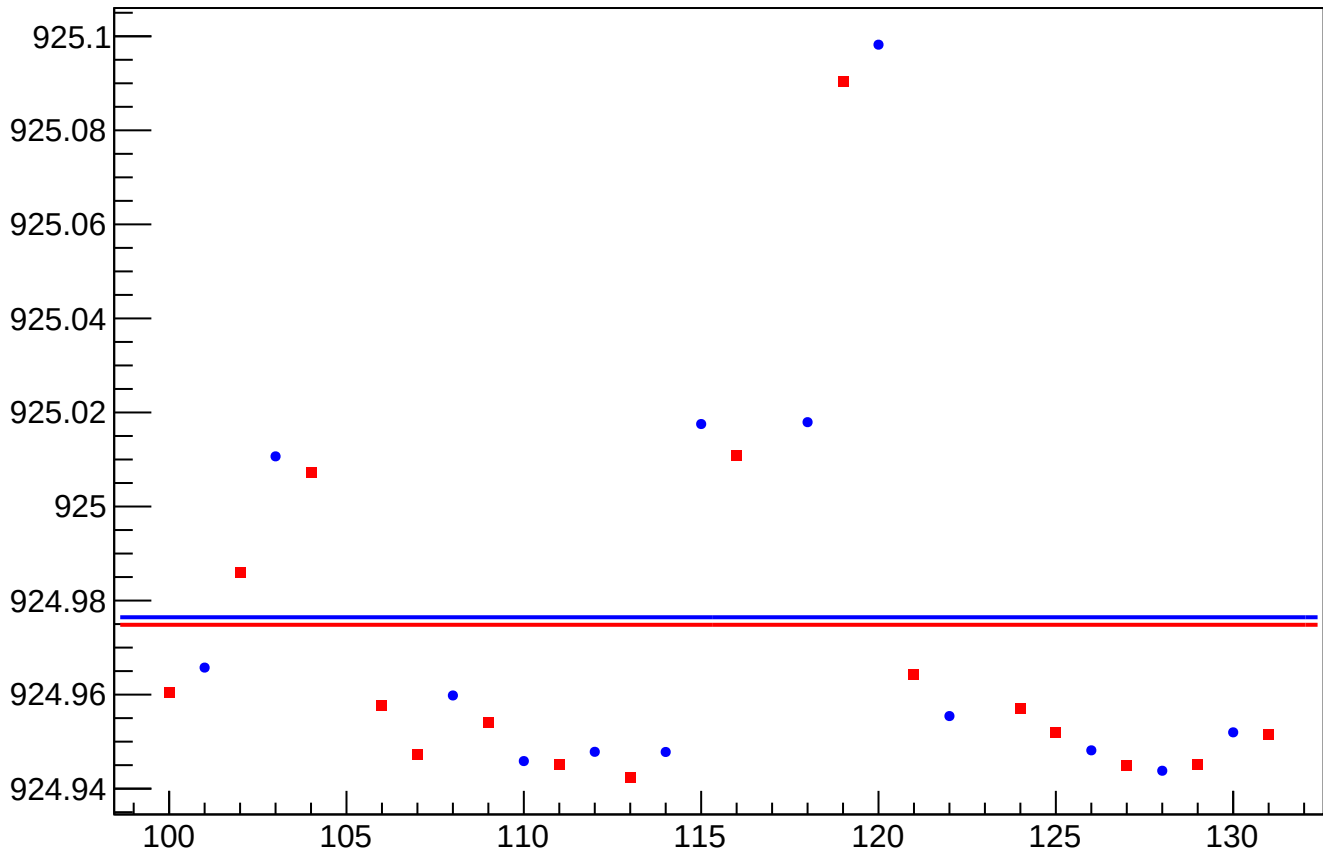
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

HacR_Q2_HP3458A_IOUT_mean vs Slug



Right In: 924.976+/-0.000 χ^2/NDF : 988962055989349968405497643008.0/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

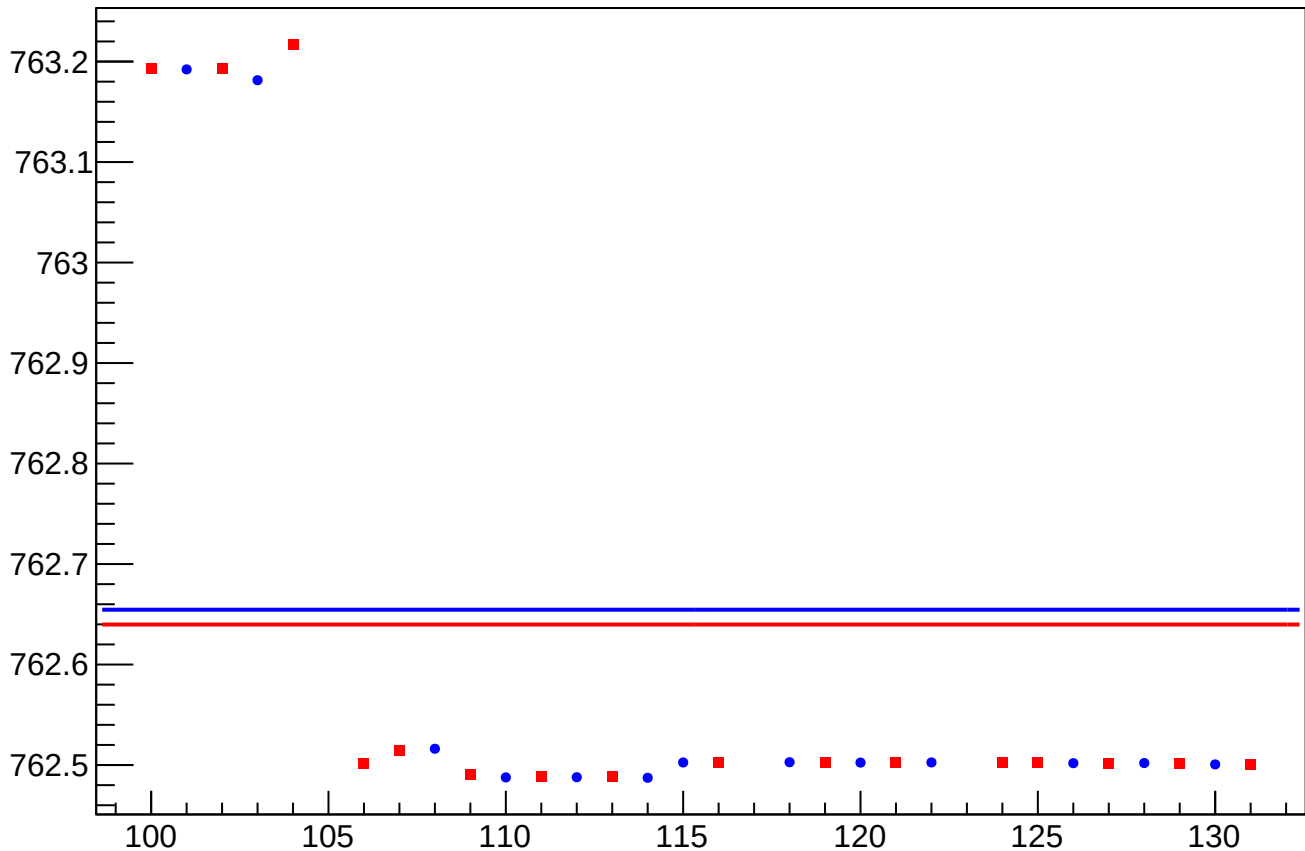
All: 924.976+/-0.000 χ^2/NDF : 21783654465

Right Out: 924.975+/-0.000 χ^2/NDF : 1188626131894985114745204375552.0/15

- 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: 762.655+/-0.000 χ^2/NDF : 46832660780038674290650923401216.0/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

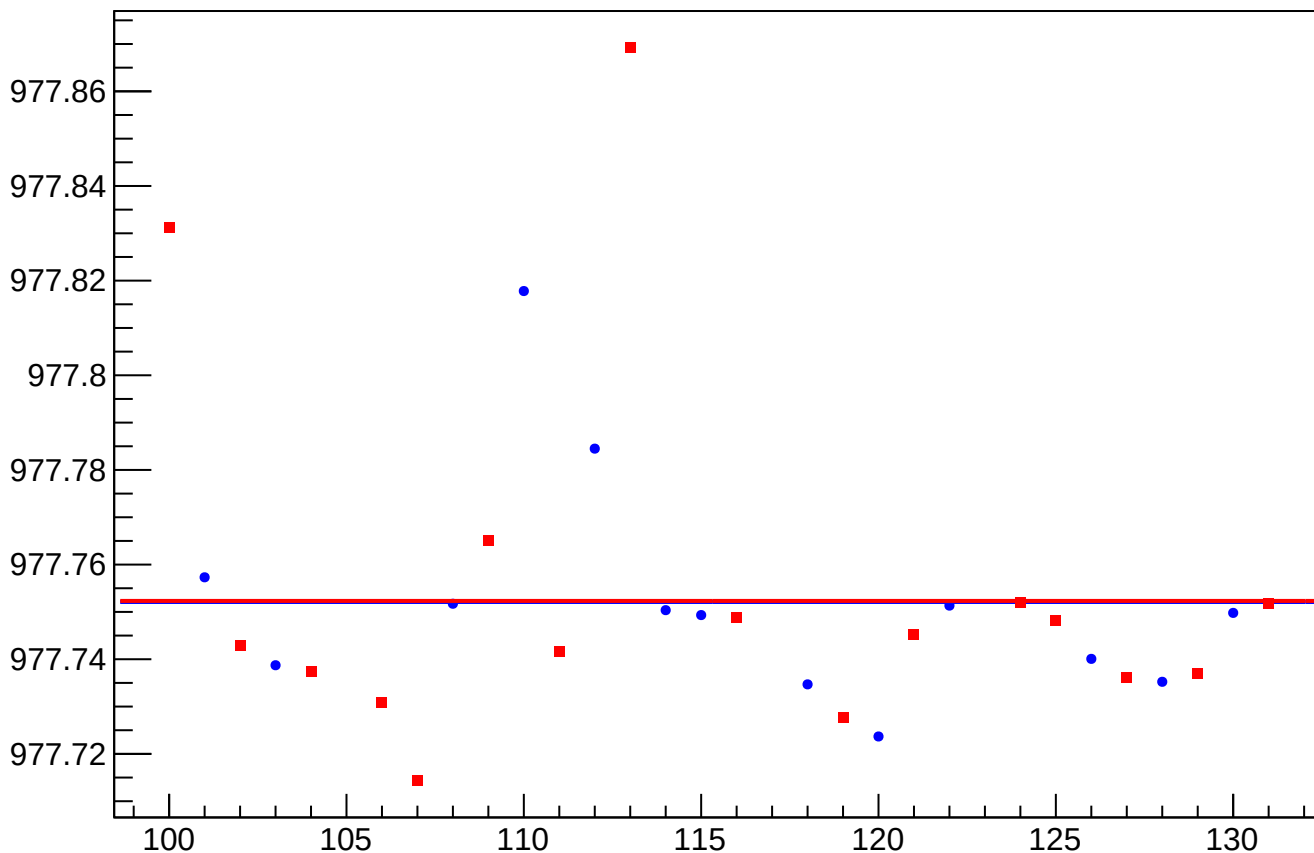
All: 762.647+/-0.000 χ^2/NDF : 980697604420

Right Out: 762.640+/-0.000 χ^2/NDF : 51171586039440178556046023852032.0/15

- 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: 977.752+/-0.000 χ^2/NDF : 296670407666735088059203715072.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

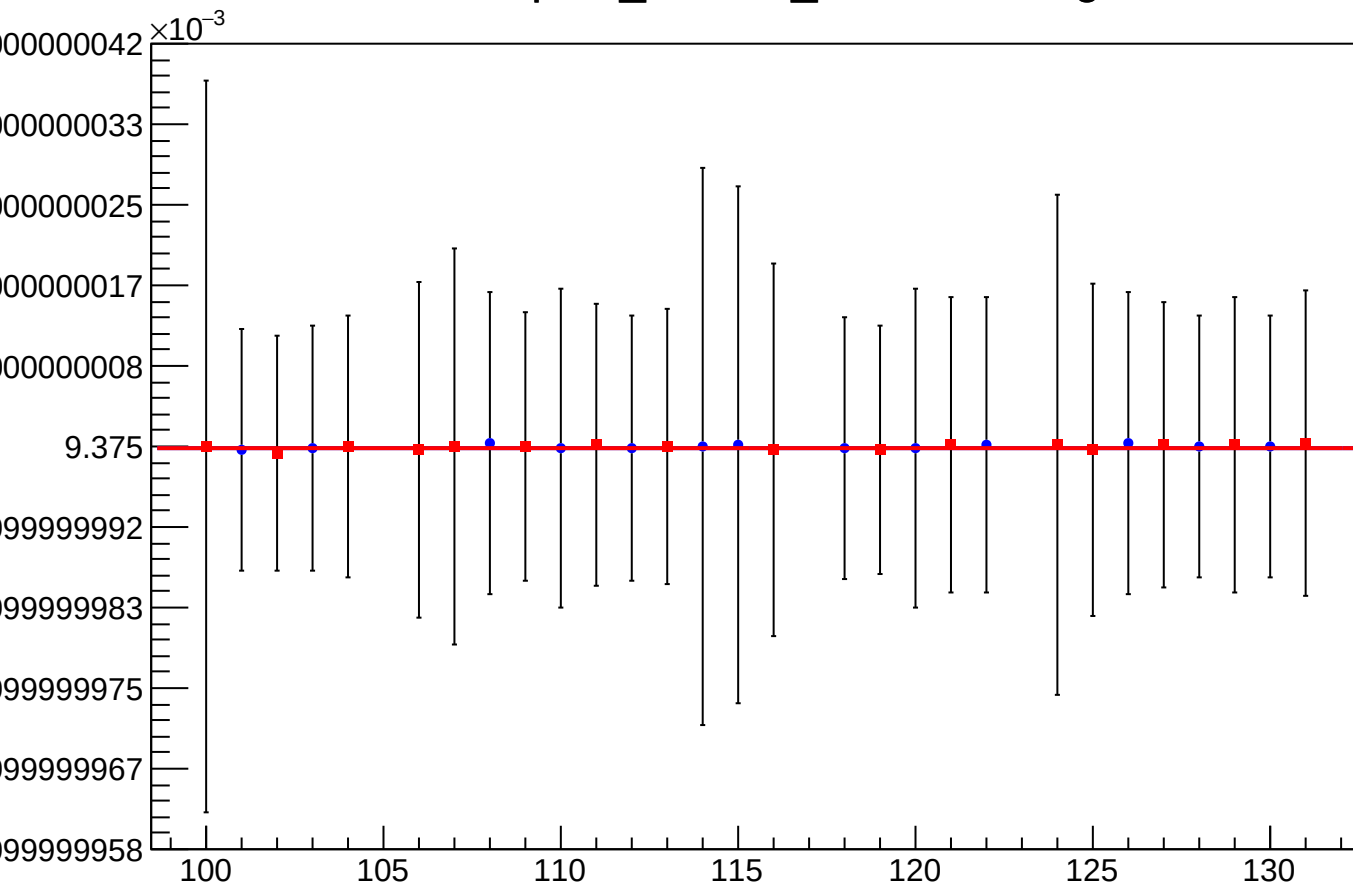
All: 977.752+/-0.000 χ^2/NDF : 116771637719

Right Out: 977.752+/-0.000 χ^2/NDF : 871030923770062799872098041856.0/15

- 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: 0.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/15

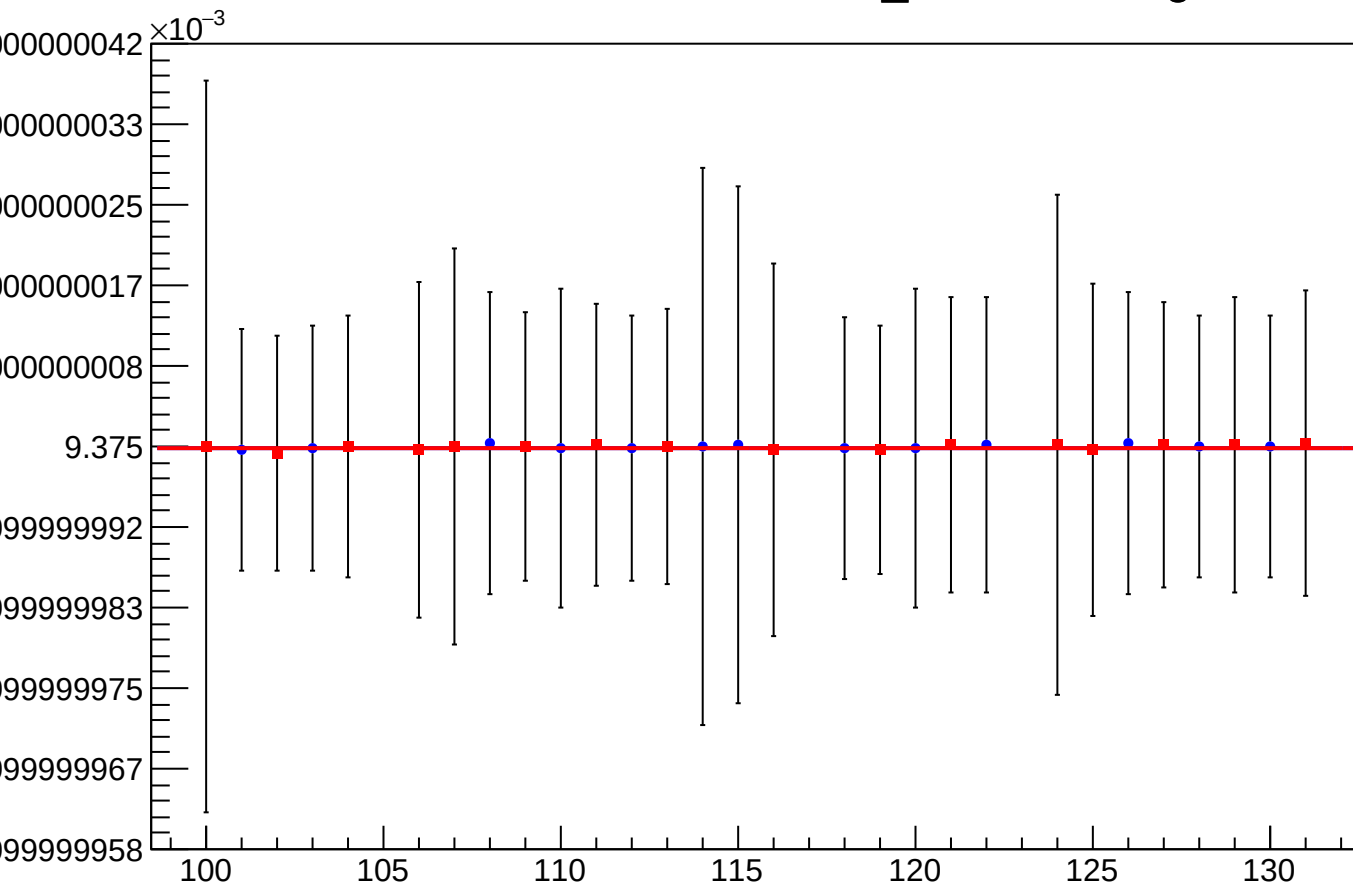
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/28

- 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: 0.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/15

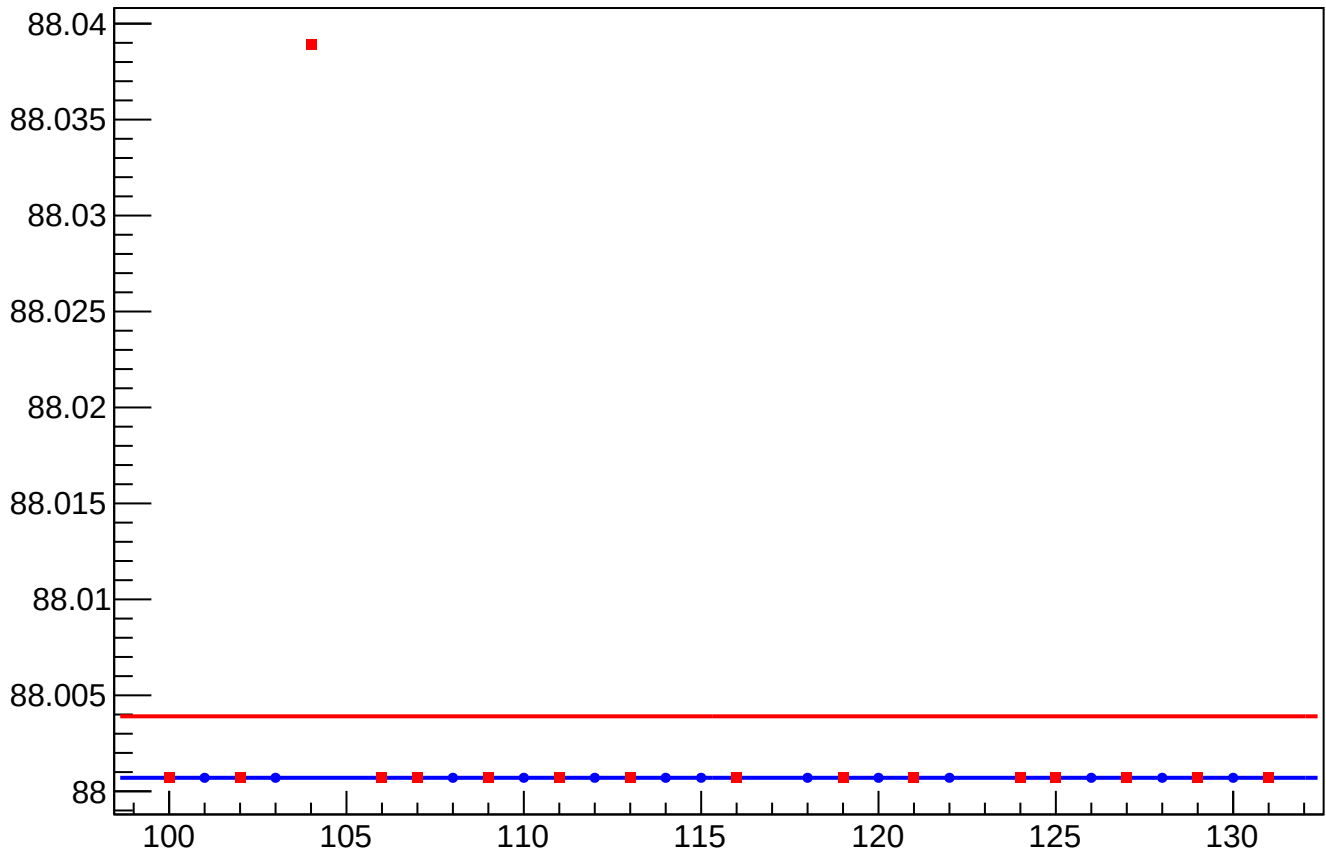
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

VWienAngle_mean vs Slug



Right In: 88.001 $\pm$ 0.000 χ^2 /NDF: 1284189.8/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

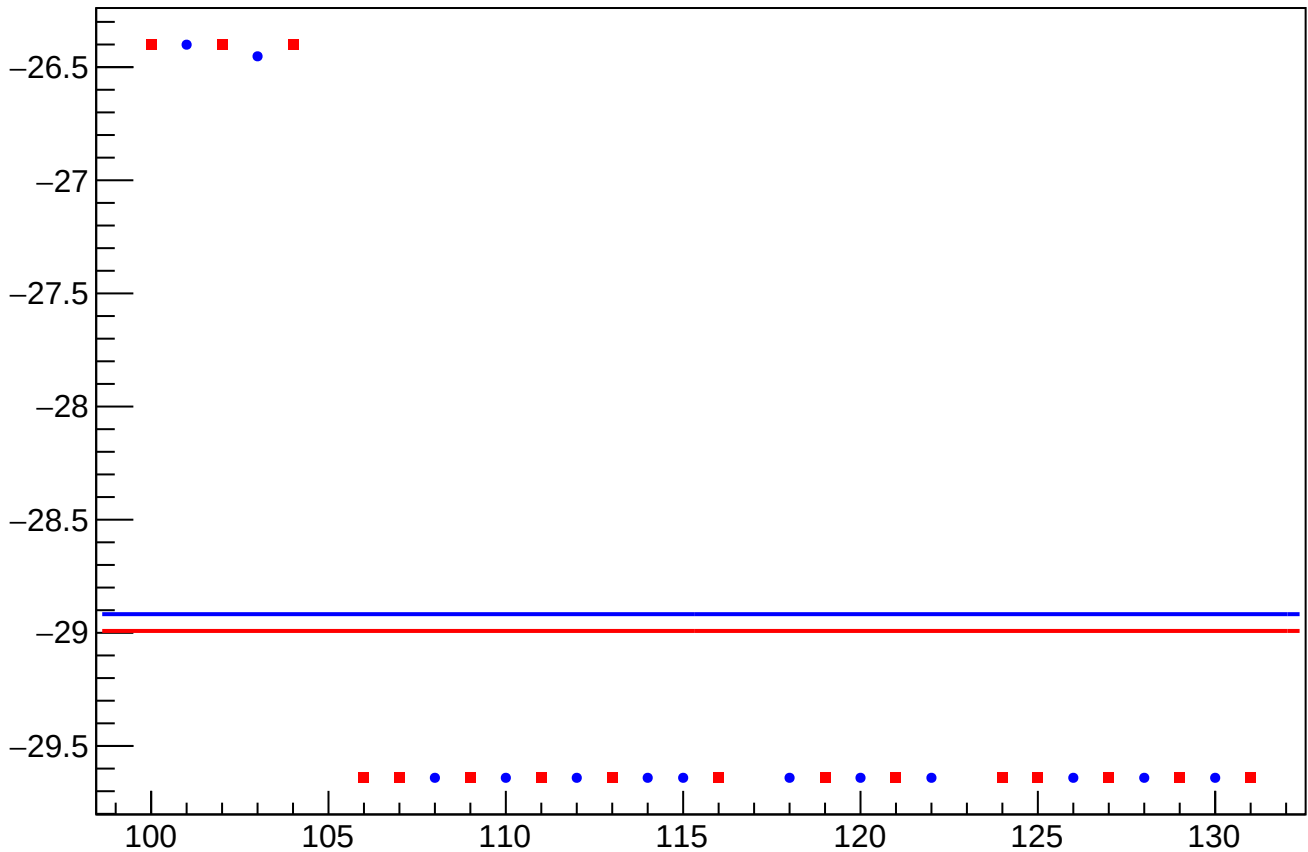
Right Out: 88.004 $\pm$ 0.000 χ^2 /NDF: 72196482500144611614949113856.0/15

All: 88.002 $\pm$ 0.000 χ^2 /NDF: 752961081953

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

HWienAngle_mean vs Slug



Right In: -28.918+/-0.000 χ^2/NDF : 1025296934371099365348424078589952.0/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

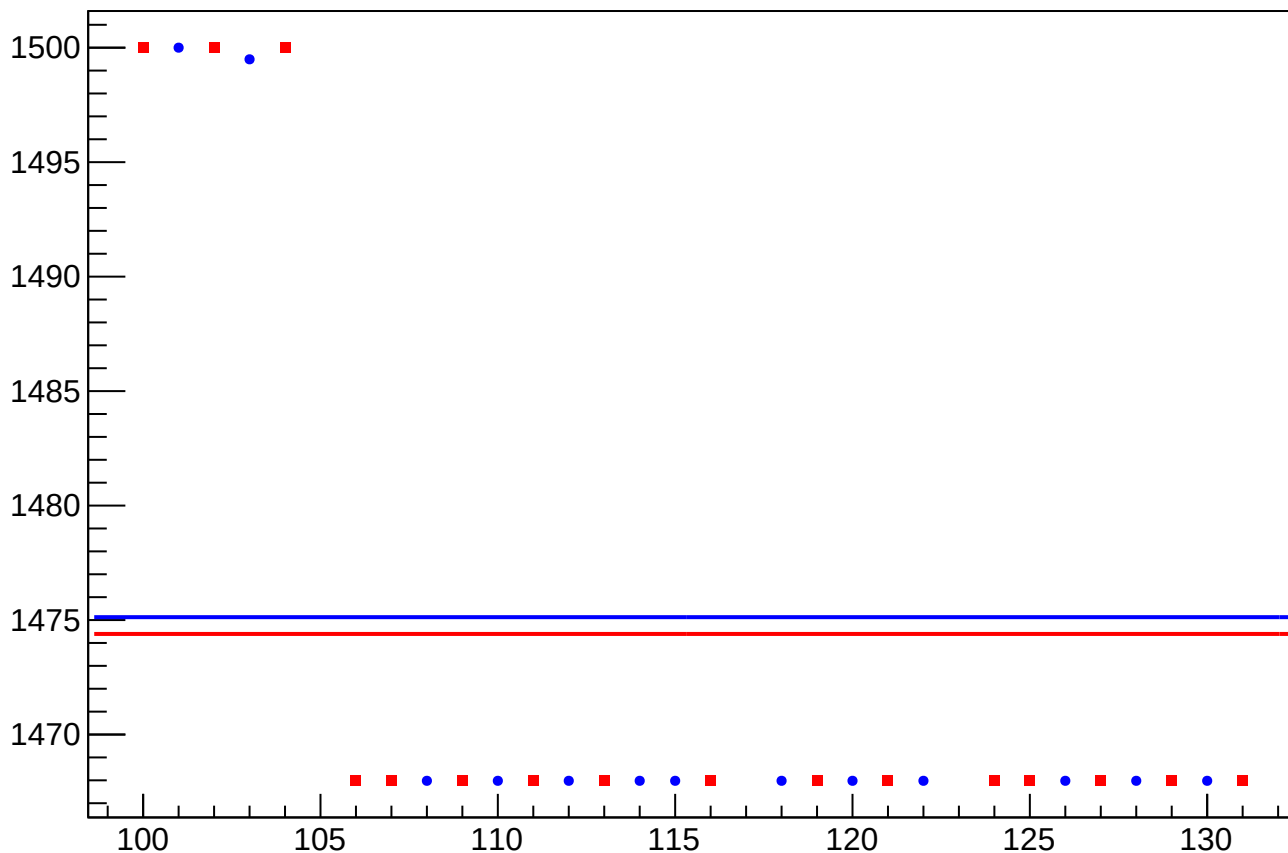
All: -28.957+/-0.000 χ^2/NDF : 210988998421

Right Out: -28.992+/-0.000 χ^2/NDF : 1082931763975175968714568971059200.0/15

- 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: 1475.126+/-0.000 χ^2/NDF : 100147575390106291073735034000113664.0/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

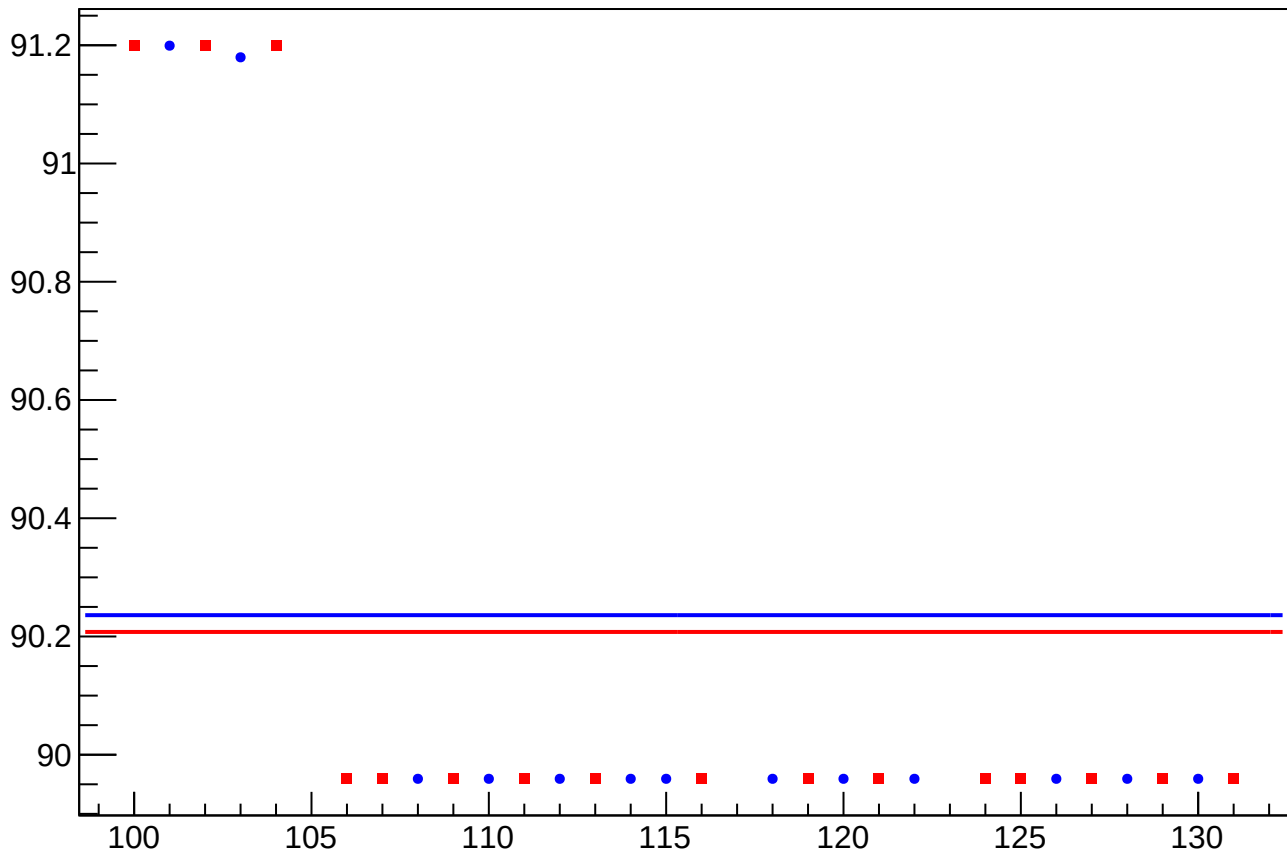
All: 1474.737+/-0.000 χ^2/NDF : 20608699702

Right Out: 1474.394+/-0.000 χ^2/NDF : 105777152783130989067144322552430592.0/15

- 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: 90.236+/-0.000 χ^2/NDF : 150176856261350868983560984854528.0/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

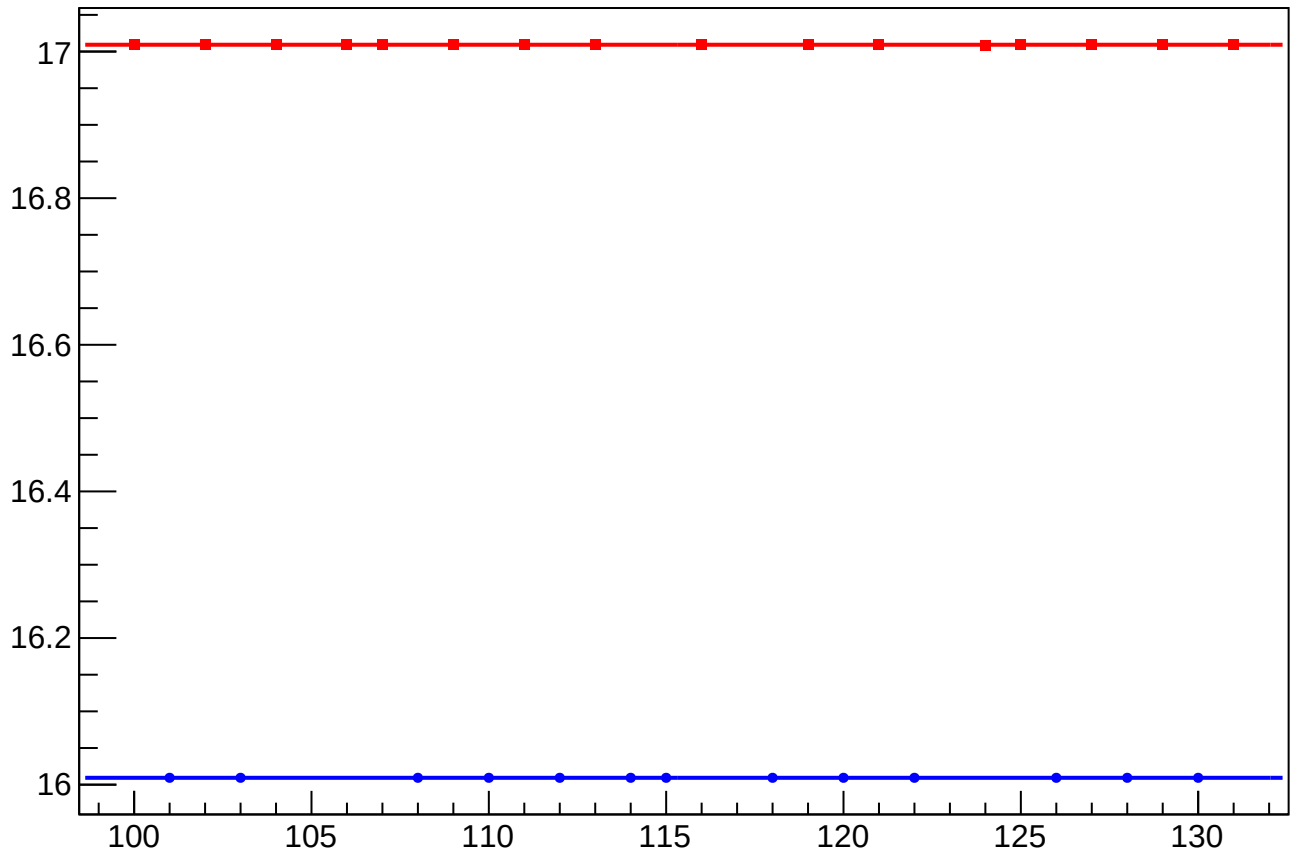
All: 90.221+/-0.000 χ^2/NDF : 3090389079156

Right Out: 90.208+/-0.000 χ^2/NDF : 158618720496910510340603809628160.0/15

- 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: 40629.5/12

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

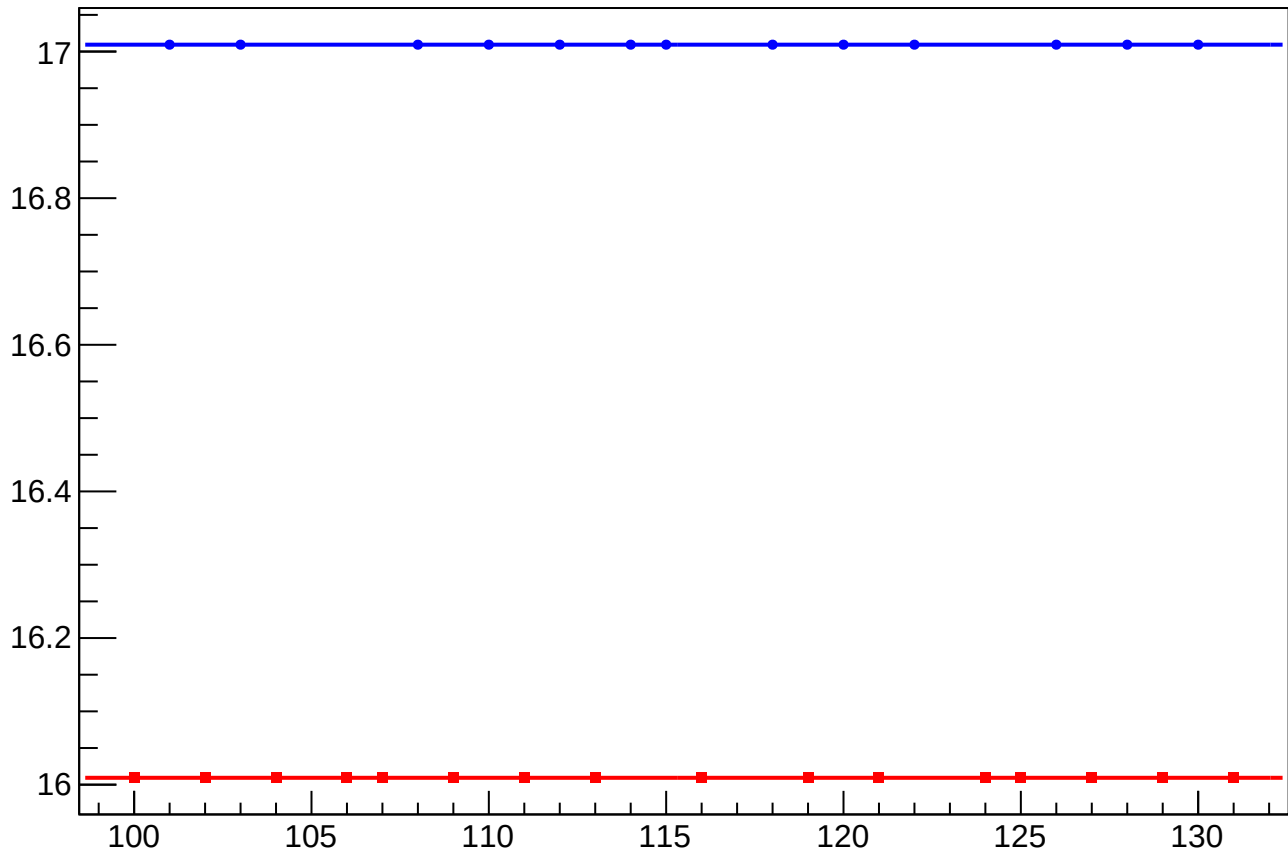
Right Out: 17.009 $\pm$ 0.000 χ^2 /NDF: 13443181355174885618352128.0/15

All: 16.517 $\pm$ 0.000 χ^2 /NDF: 2856360092487

- 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: 39354.7/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.009 $\pm$ 0.000 χ^2 /NDF: 43191.7/15

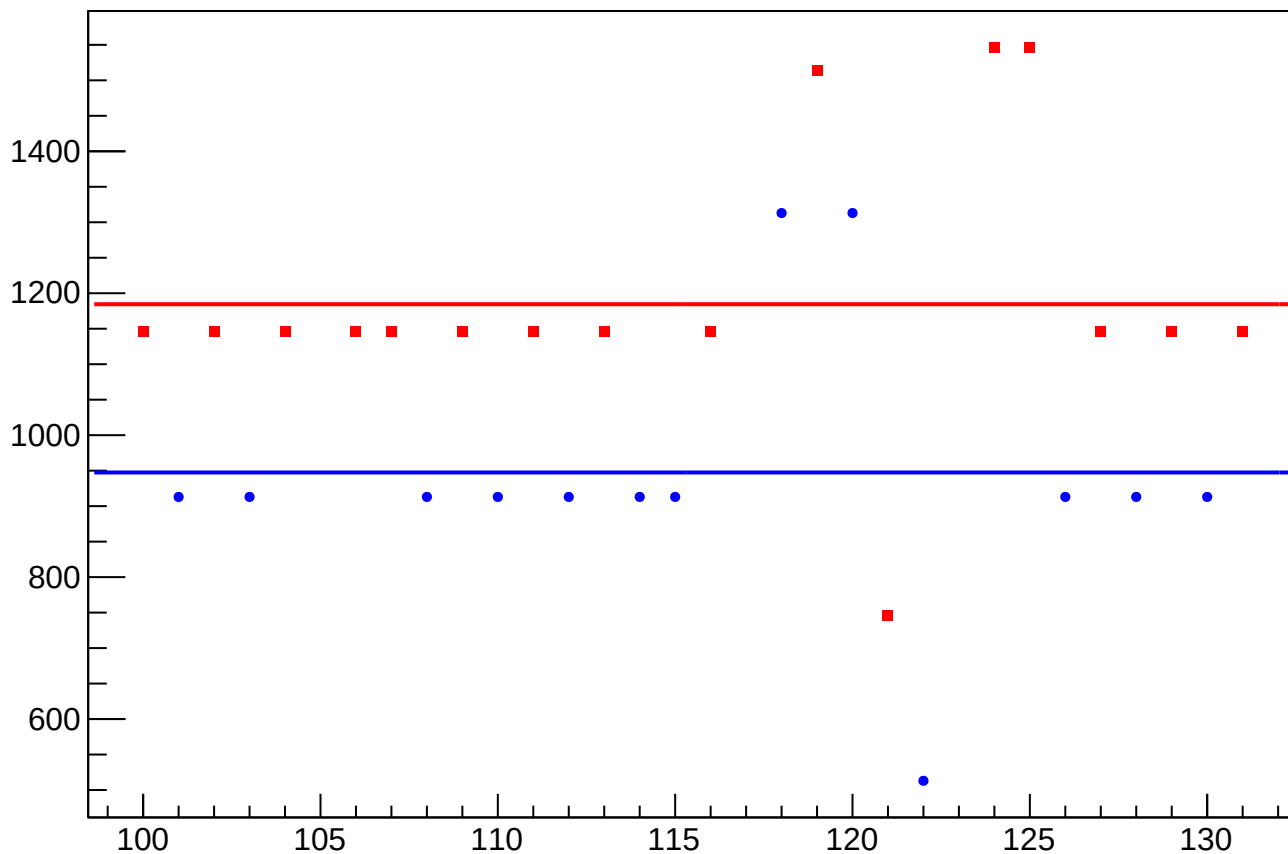
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.465 $\pm$ 0.000 χ^2 /NDF: 2914042553191

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

RTPAPOSUCNT_mean vs Slug



Right In: 947.442+/-0.000 χ^2/NDF : 20926193806244445671677759729782751232.0/12

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

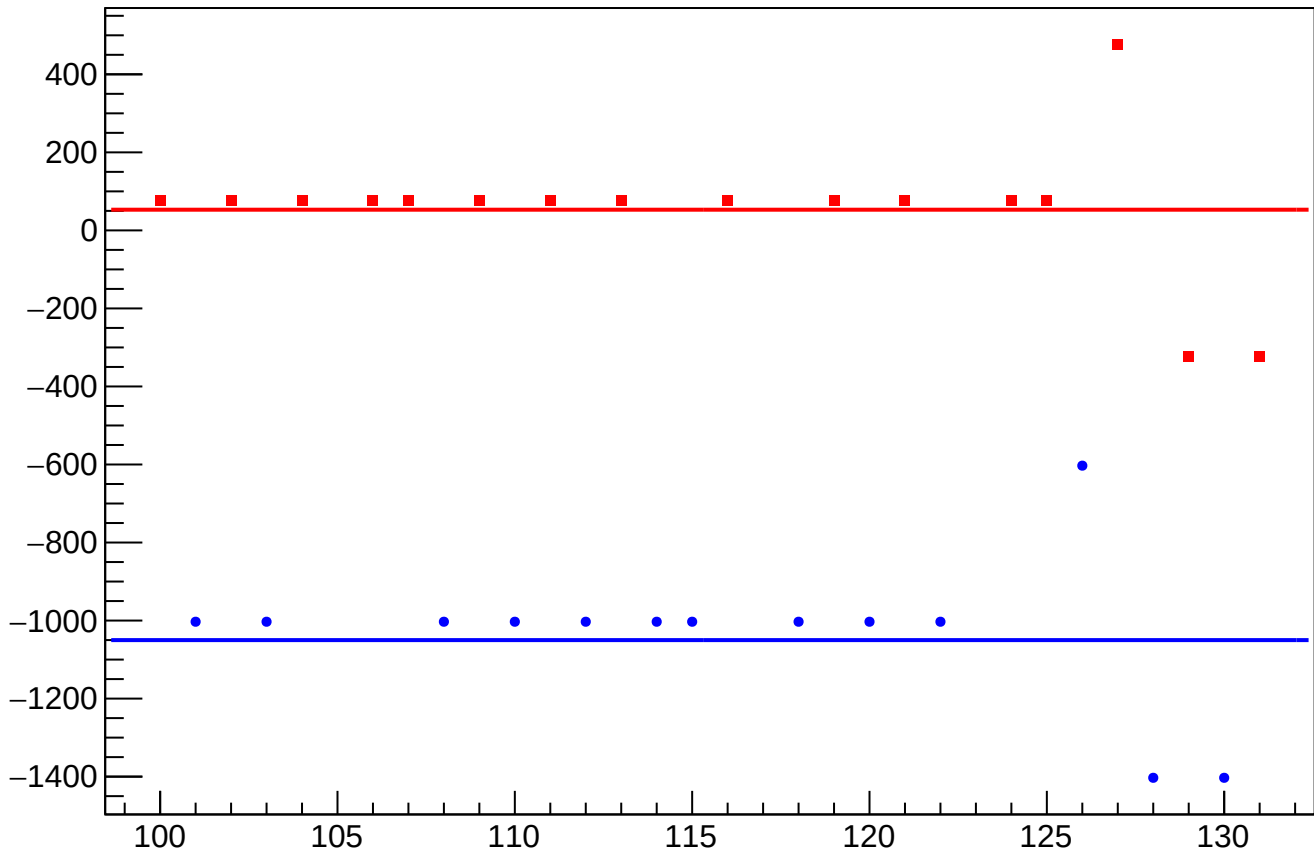
All: 1073.310+/-0.000 χ^2/NDF : 59896584541

Right Out: 1184.519+/-0.000 χ^2/NDF : 21991334565814597721130234875679342592.0/15

- 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: -1050.089+/-0.000 χ^2/NDF : 22577391986943196865330337125635194880.0/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

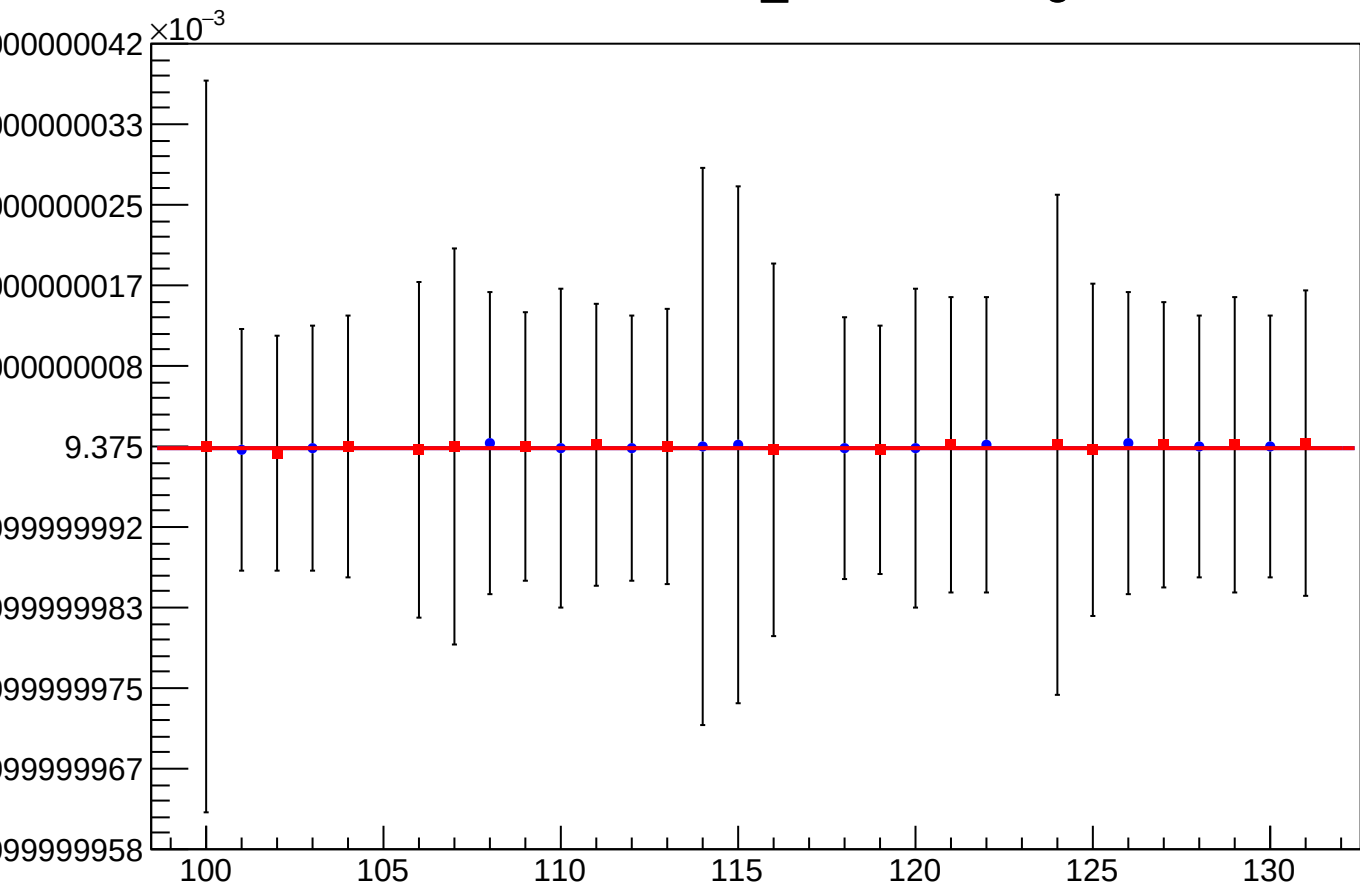
All: -464.428+/-0.000 χ^2/NDF : 41048110190

Right Out: 53.028+/-0.000 χ^2/NDF : 20299517028610954299397574503753056256.0/15

- 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: 0.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/15

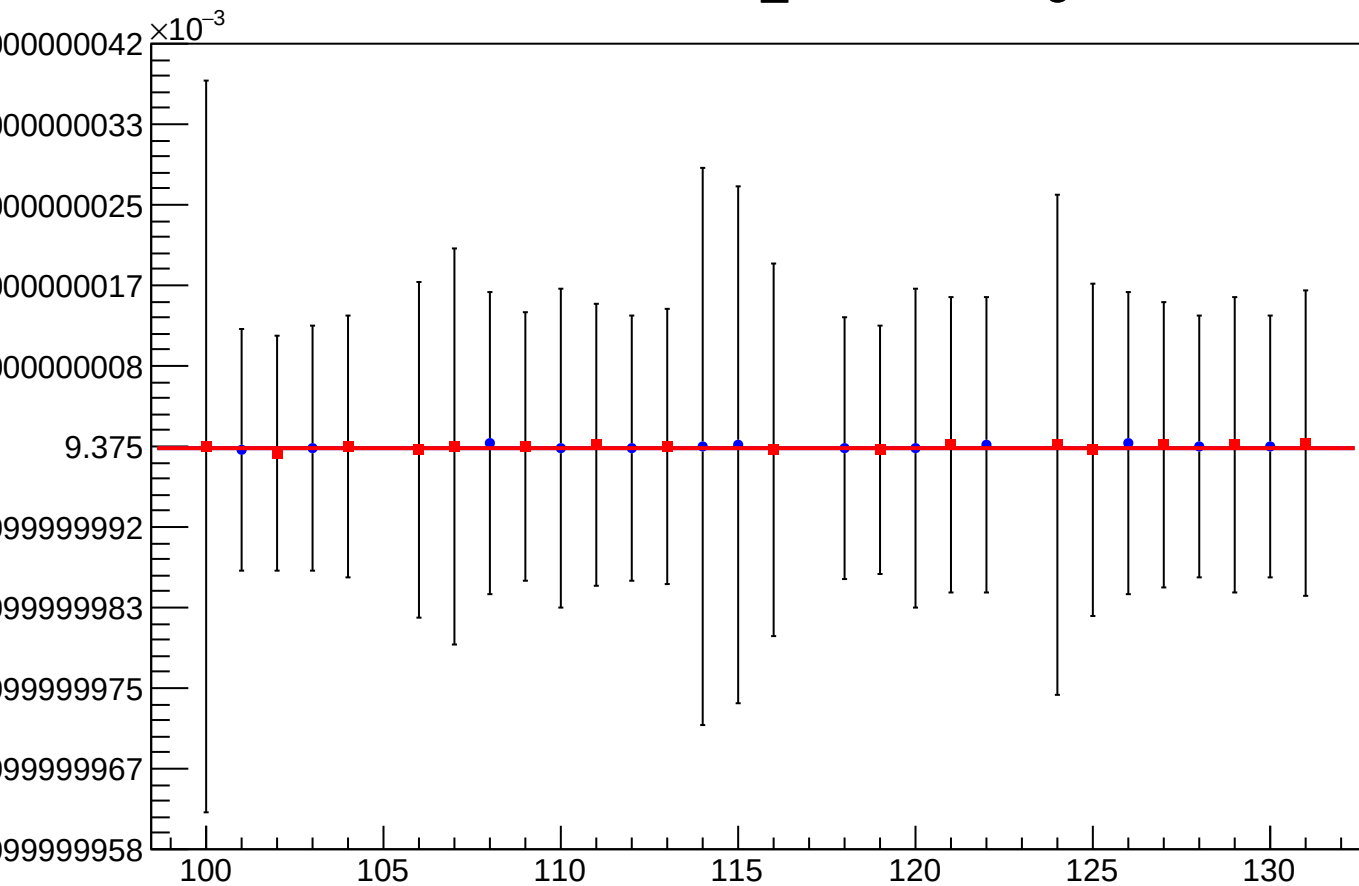
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/28

- 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: 0.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/15

Left In: 0.000 $\pm$ 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: 0.0/28

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0