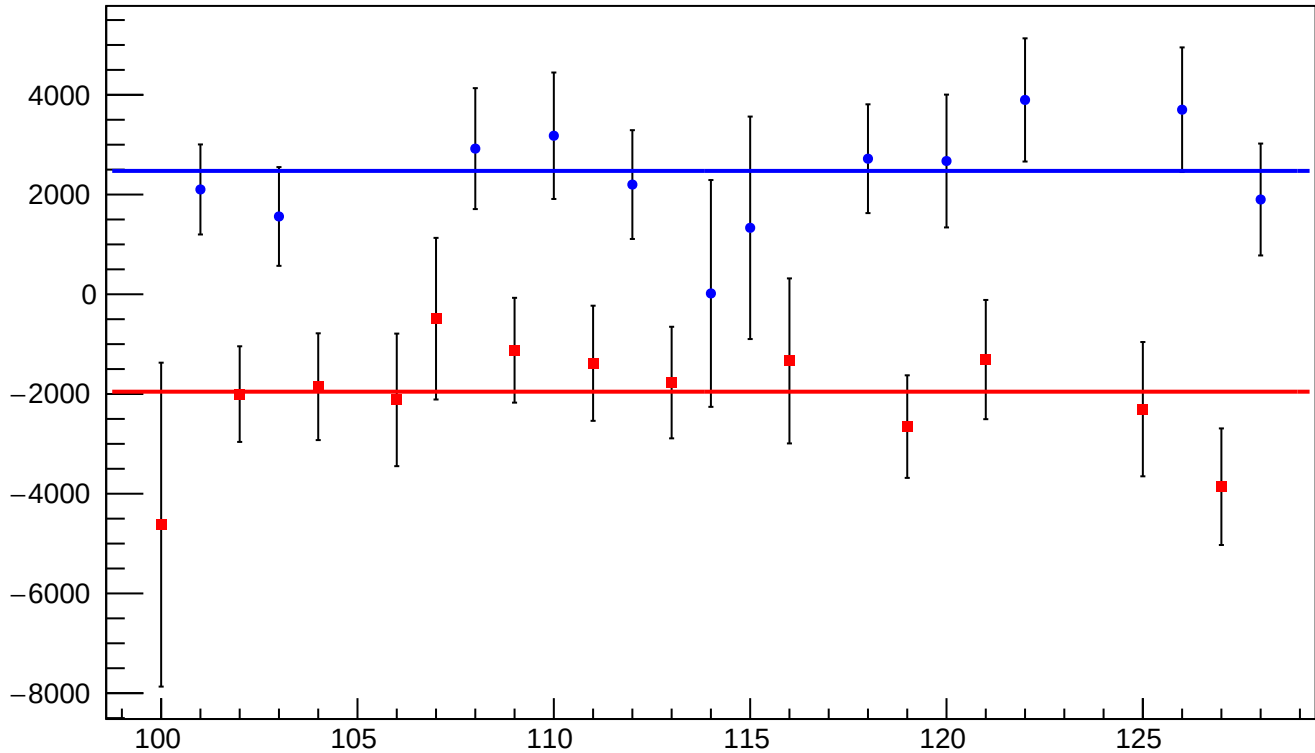


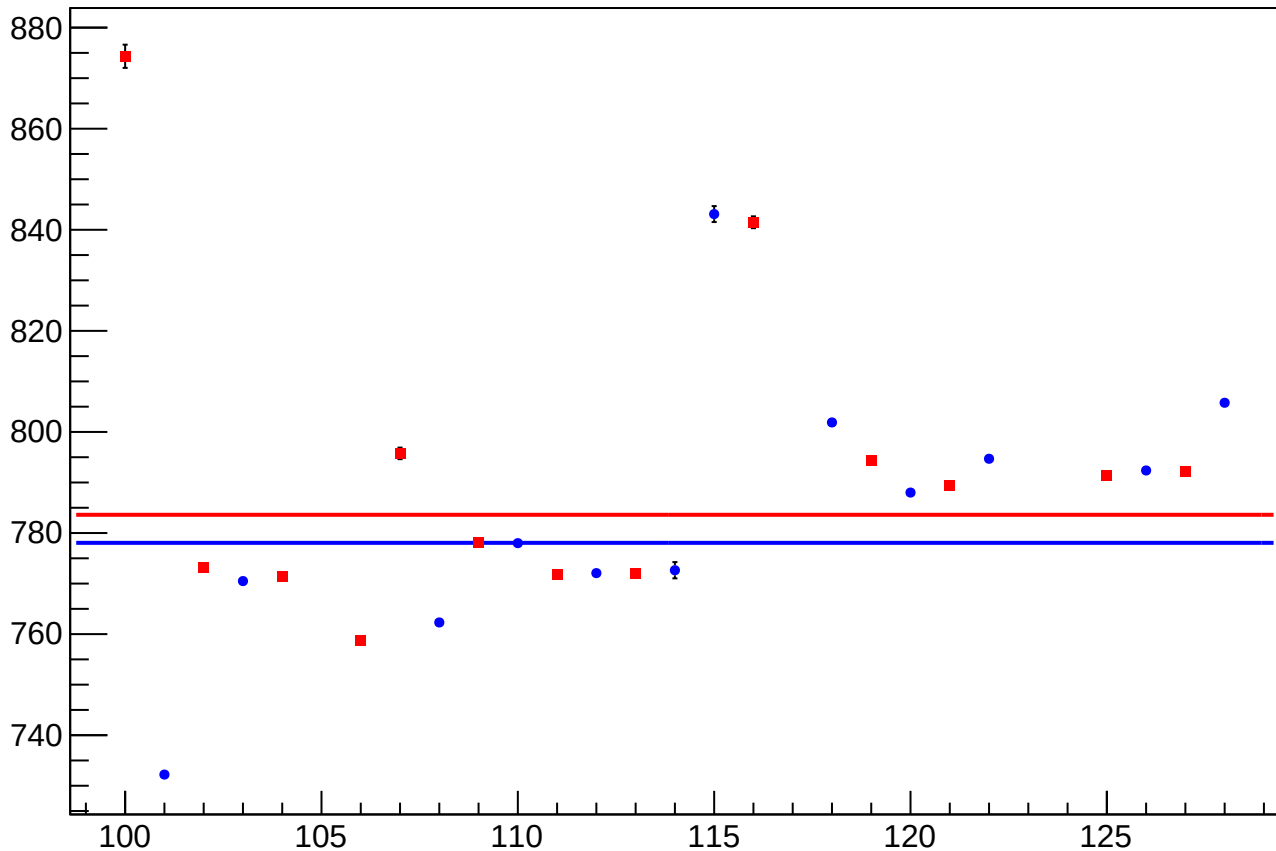
reg_asym_us_avg_mean vs Slug



Right In: 2474.250+/-347.610 χ^2/NDF : 5.6/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1953.777+/-338.107 χ^2/NDF : 6.0/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 198.878+/-242.368 χ^2/NDF : 95.0/24
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_rms vs Slug



Right In: 778.060+/-0.246 χ^2/NDF : 10293.5/11

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

Right Out: 783.609+/-0.239 χ^2/NDF : 6226.1/12

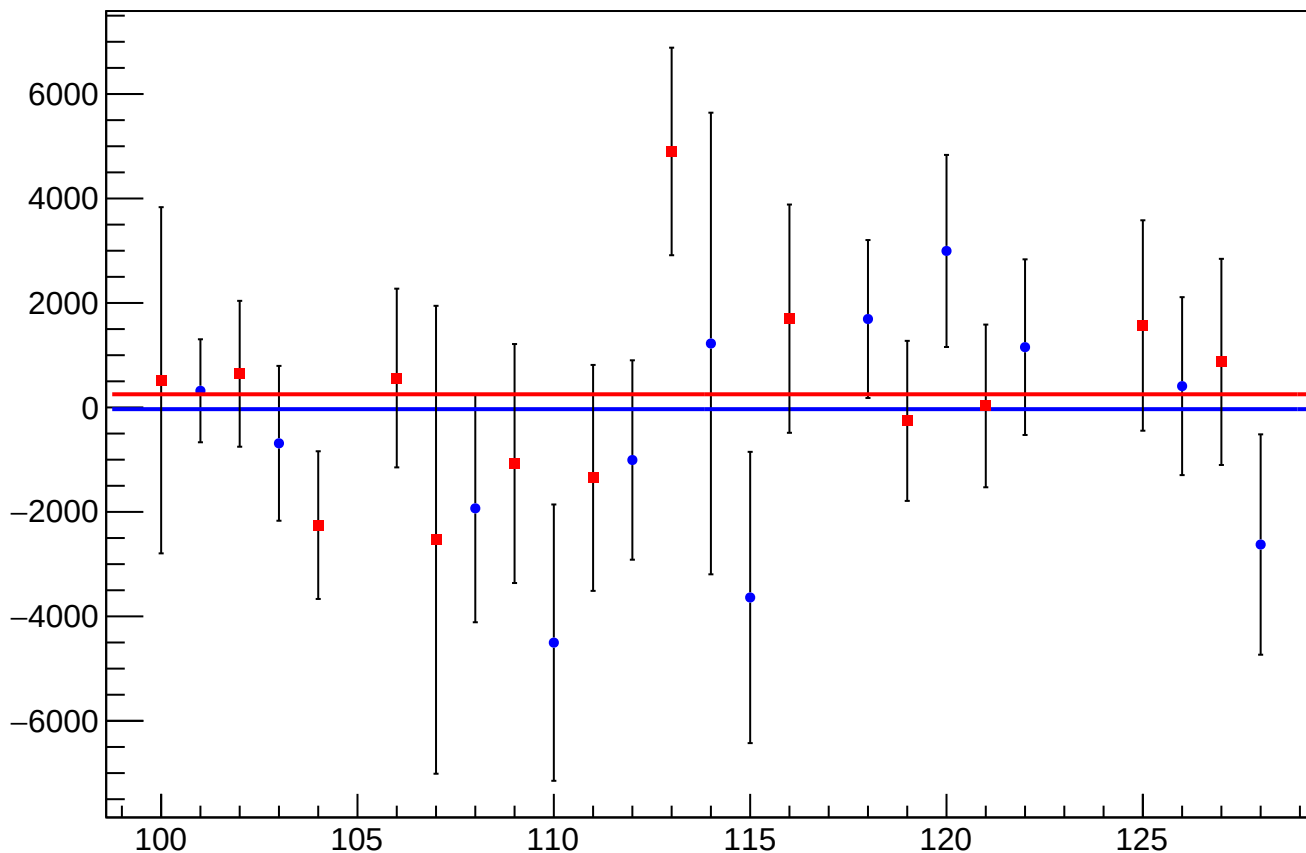
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 780.911+/-0.171 χ^2/NDF : 16781.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_reg_correction_mean vs Slug



Right In: -32.956+/-503.302 χ^2/NDF : 12.0/11

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

Right Out: 251.945+/-519.514 χ^2/NDF : 11.1/12

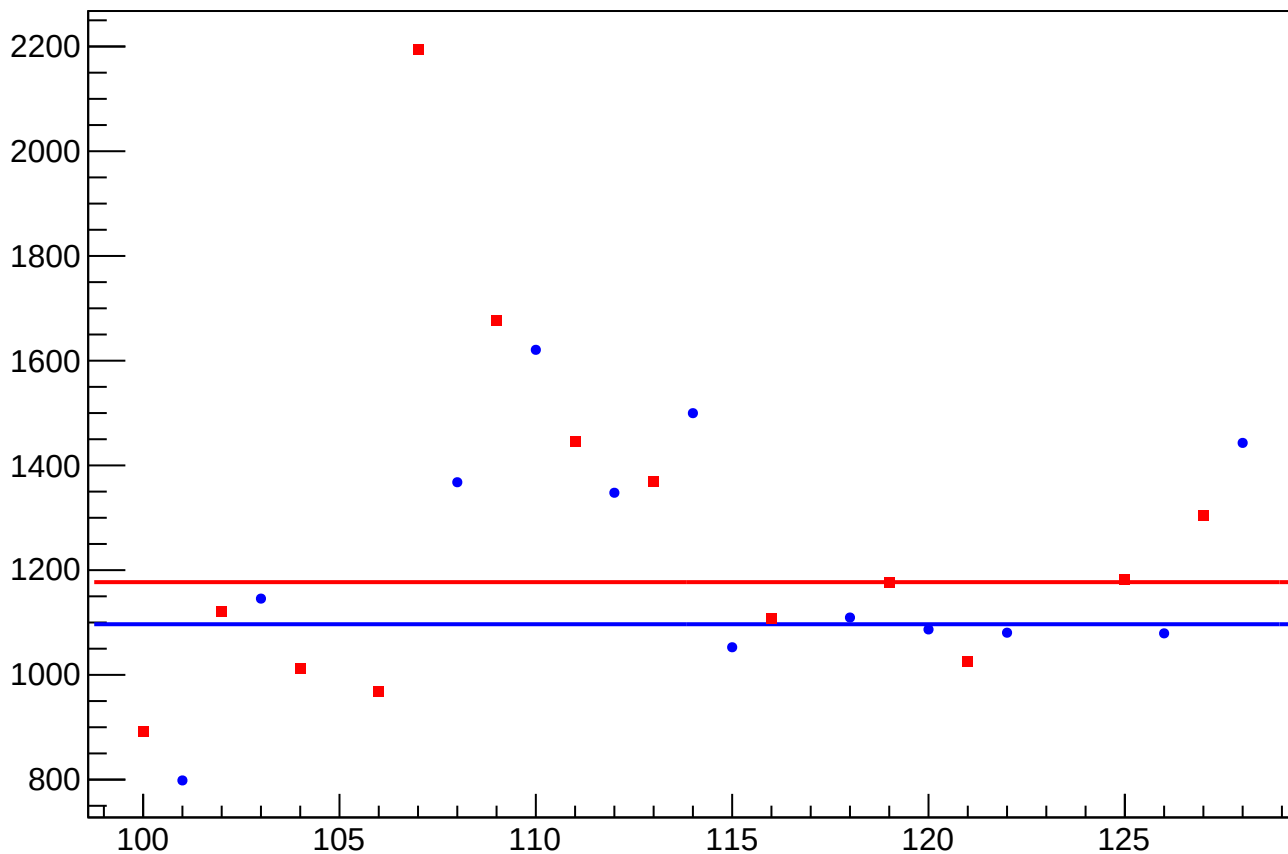
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.980+/-361.484 χ^2/NDF : 23.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_reg_correction_rms vs Slug



Right In: 1096.717+/-0.356 χ^2/NDF : 400877.6/11

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

Right Out: 1177.098+/-0.367 χ^2/NDF : 352552.9/12

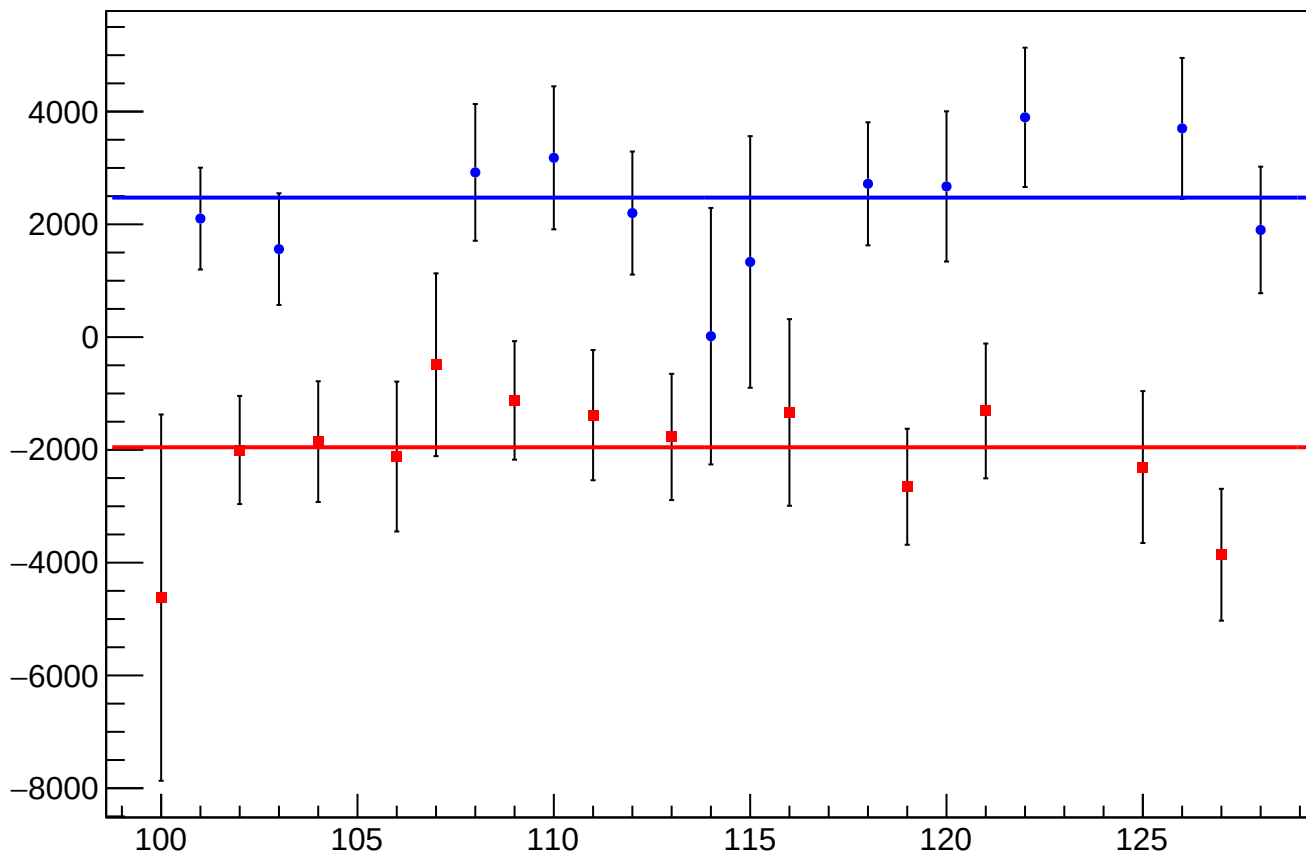
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1135.634+/-0.256 χ^2/NDF : 778128.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_mean vs Slug



Right In: 2474.250+/-347.610 χ^2/NDF : 5.6/11

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

Right Out: -1953.777+/-338.107 χ^2/NDF : 6.0/12

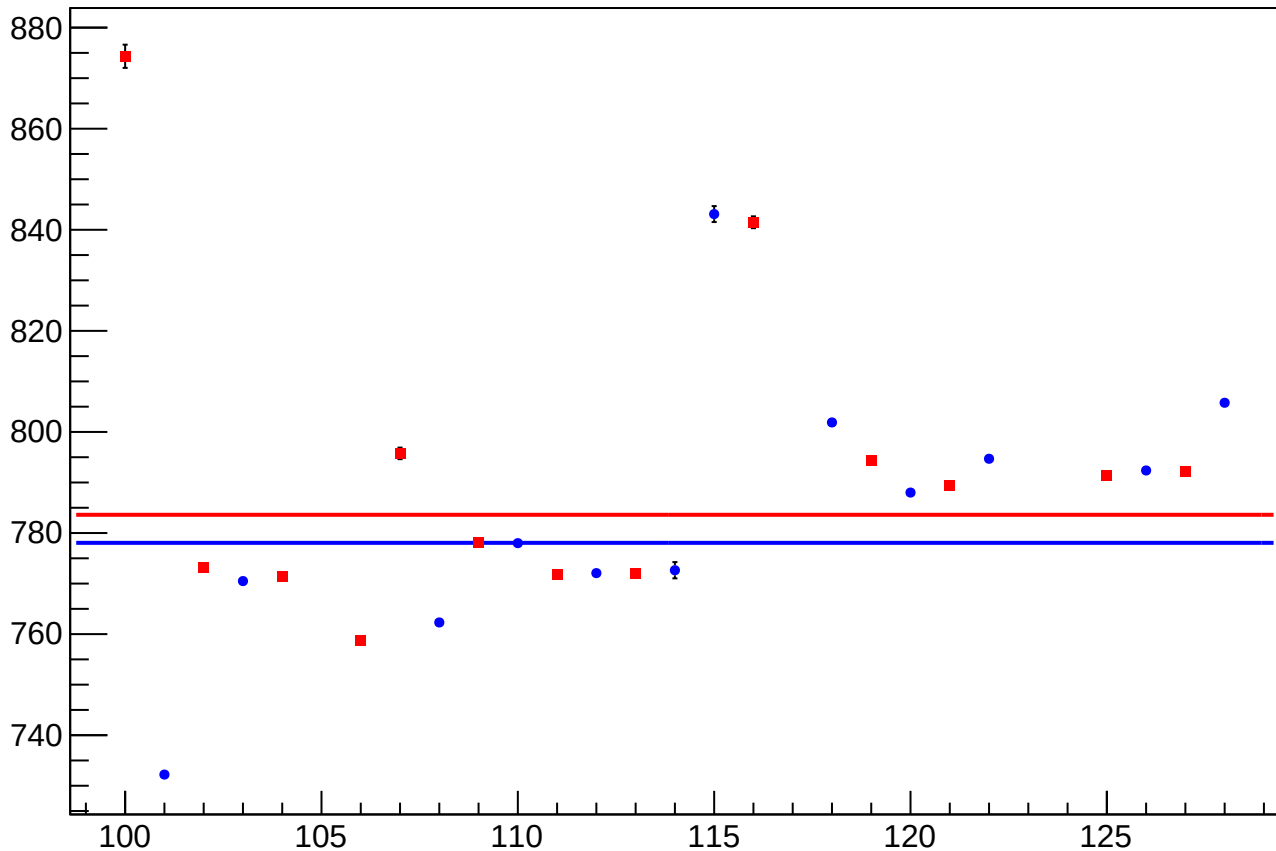
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 198.878+/-242.368 χ^2/NDF : 95.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_rms vs Slug



Right In: 778.060 $\pm$ 0.246 χ^2 /NDF: 10293.5/11

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

Right Out: 783.609 $\pm$ 0.239 χ^2 /NDF: 6226.1/12

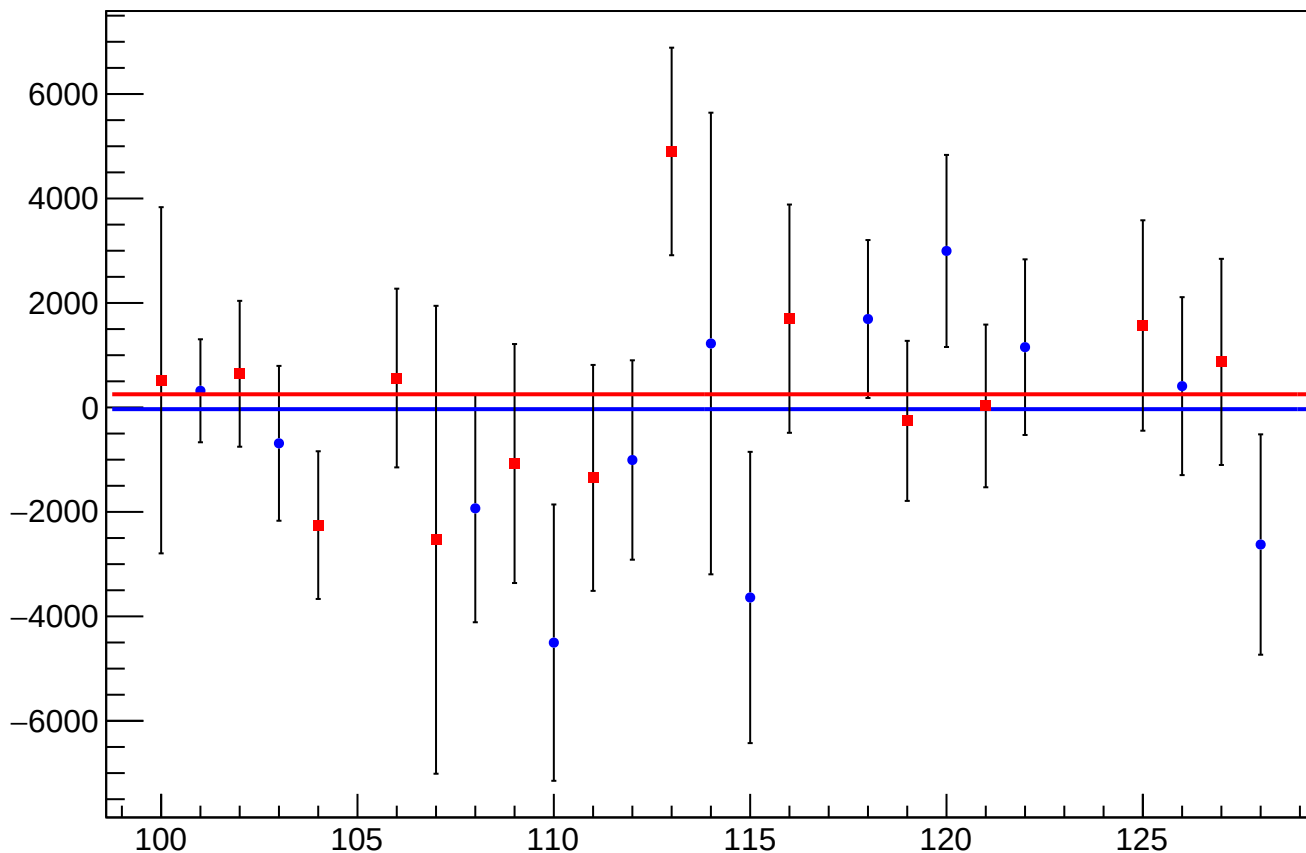
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 780.911 $\pm$ 0.171 χ^2 /NDF: 16781.5/24

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

asym_us_avg_cor_correction_mean vs Slug



Right In: -32.956+/-503.302 χ^2/NDF : 12.0/11

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

Right Out: 251.945+/-519.514 χ^2/NDF : 11.1/12

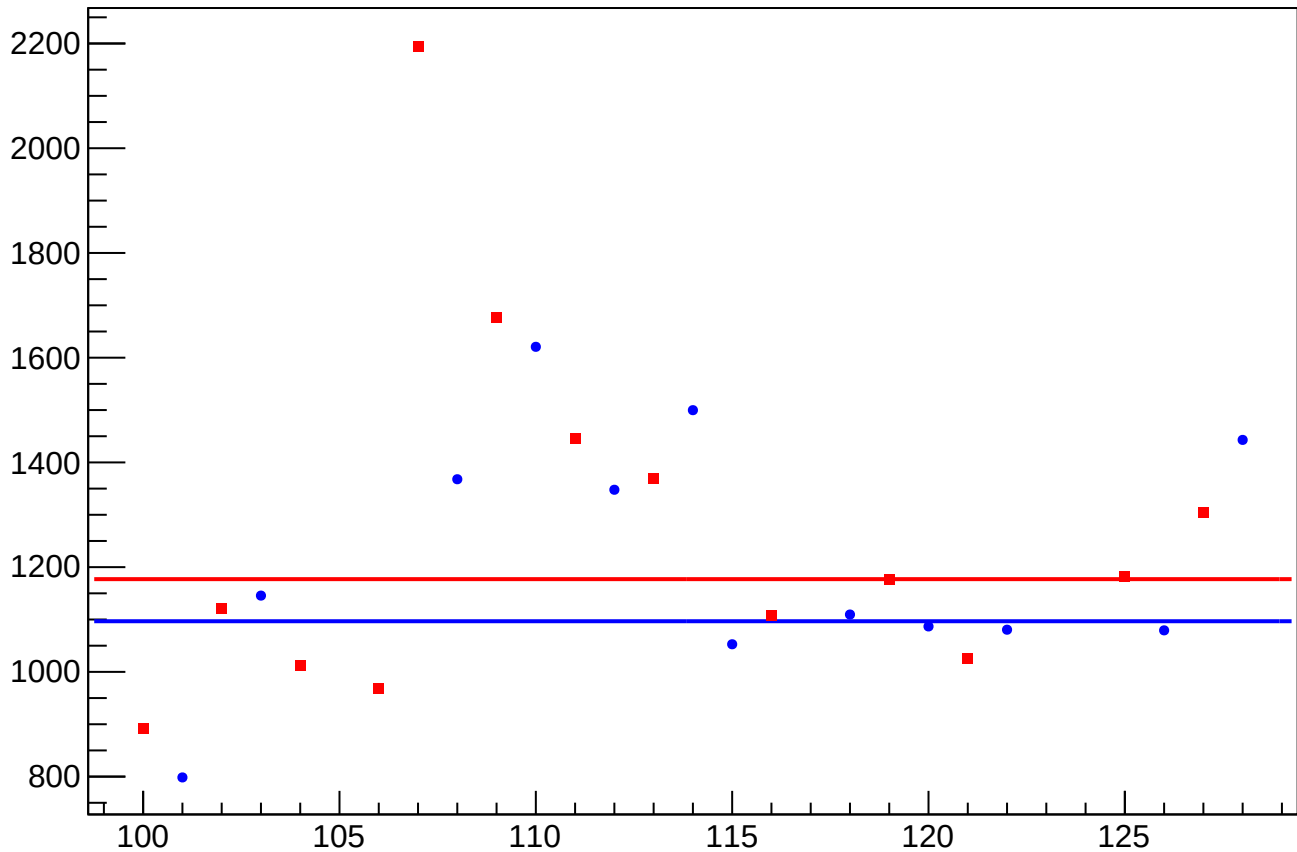
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.980+/-361.484 χ^2/NDF : 23.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_cor_correction_rms vs Slug



Right In: 1096.717+/-0.356 χ^2/NDF : 400877.6/11

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

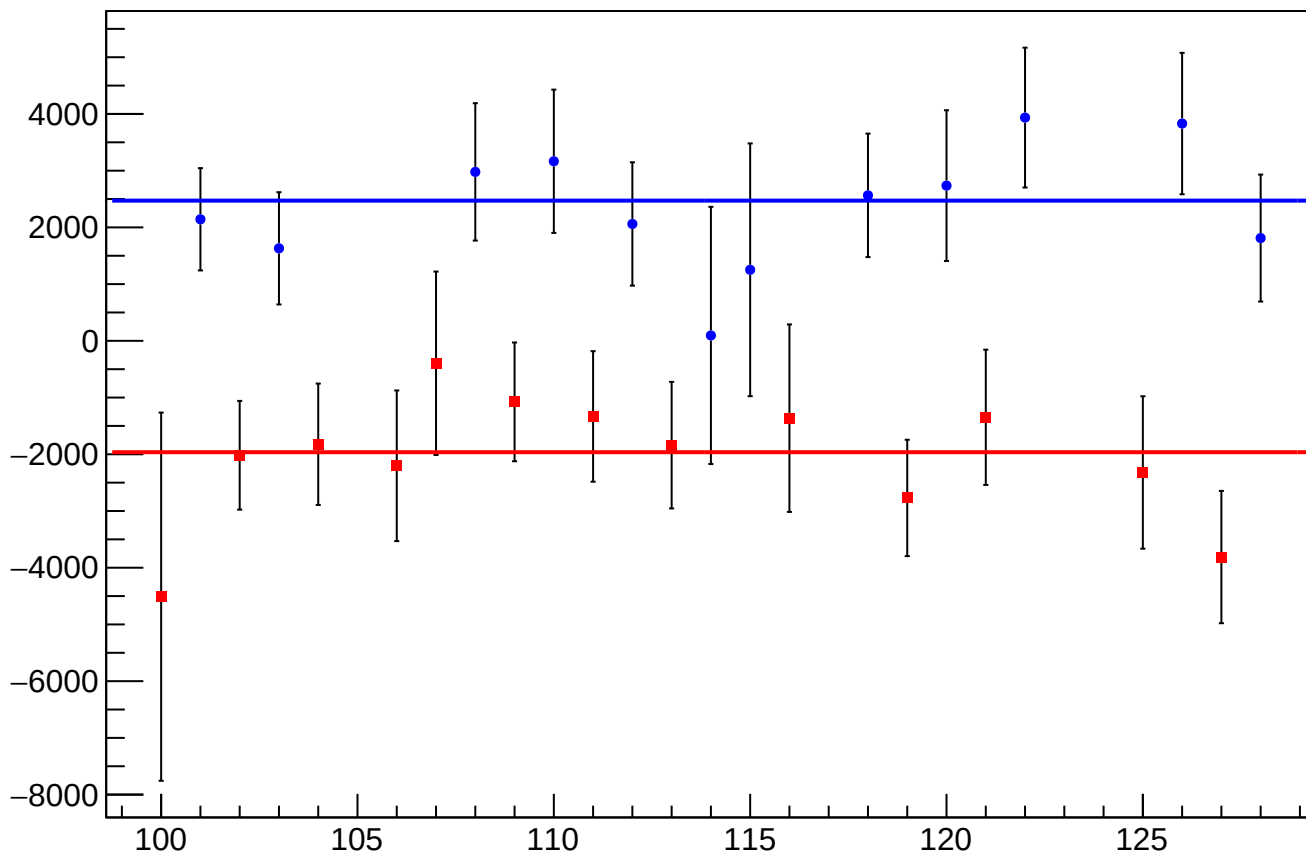
Right Out: 1177.098+/-0.367 χ^2/NDF : 352552.9/12

All: 1135.634+/-0.256 χ^2/NDF : 778128.4/24

- 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_avg_mean vs Slug



Right In: 2471.943 $\pm$ 346.862 χ^2 /NDF: 5.9/11

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

Right Out: -1963.307 $\pm$ 337.366 χ^2 /NDF: 6.2/12

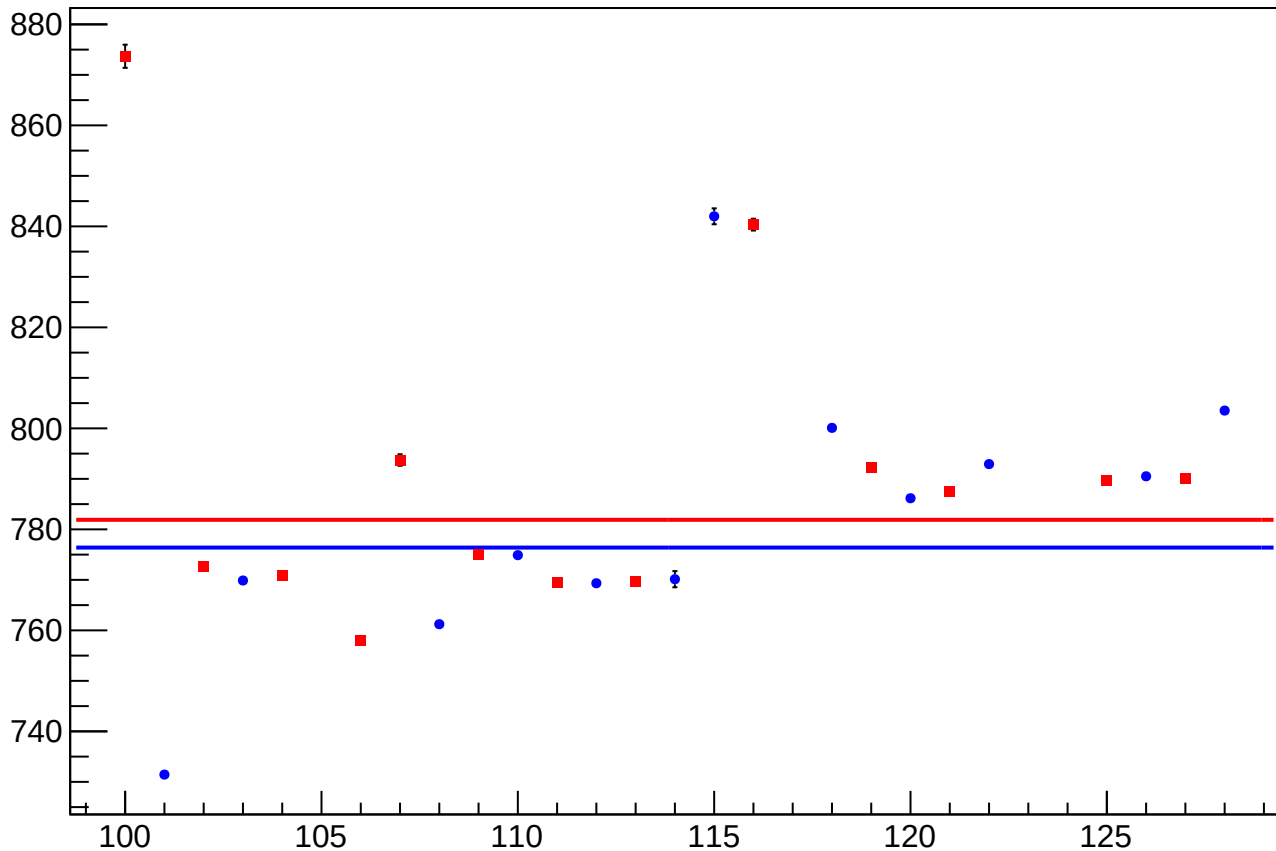
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 192.771 $\pm$ 241.841 χ^2 /NDF: 96.1/24

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

overload_cor_asym_us_avg_rms vs Slug



Right In: 776.394 $\pm$ 0.245 χ^2 /NDF: 10052.0/11

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

Right Out: 781.892 $\pm$ 0.239 χ^2 /NDF: 6226.2/12

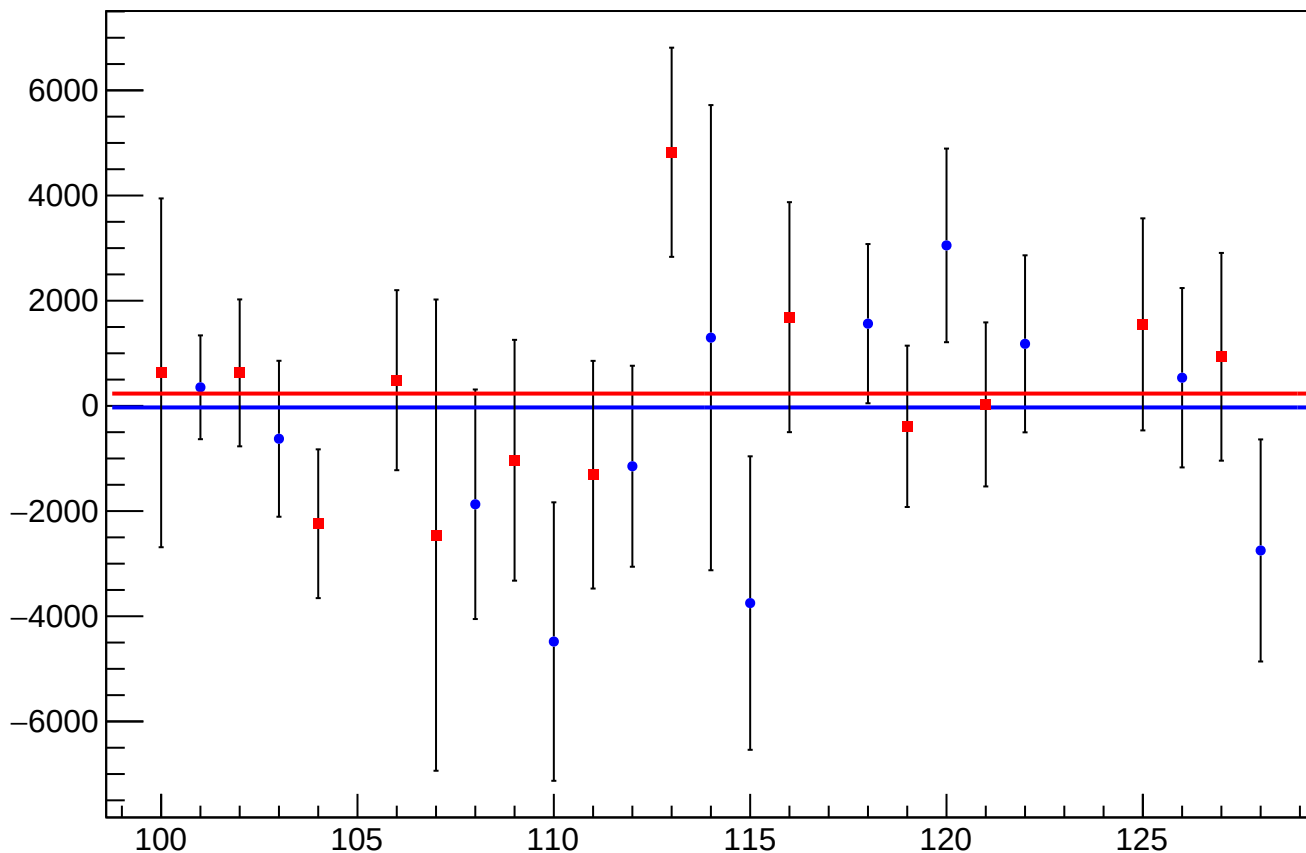
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 779.220 $\pm$ 0.171 χ^2 /NDF: 16536.3/24

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

asym_us_avg_overload_cor_correction_mean vs Slug



Right In: -29.327 ± 503.778 χ^2/NDF : 12.3/11

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

Right Out: 234.161 ± 519.940 χ^2/NDF : 10.9/12

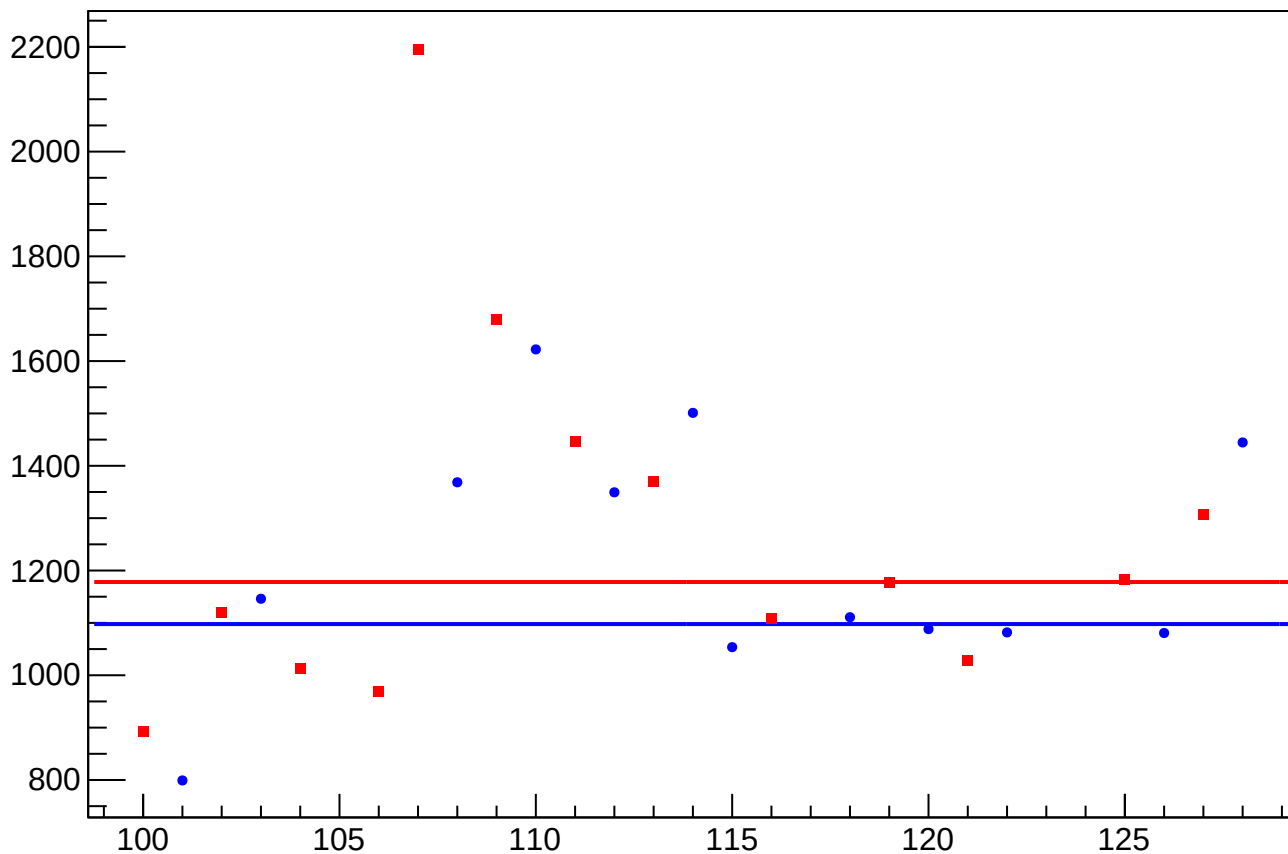
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 98.258 ± 361.804 χ^2/NDF : 23.2/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_overload_cor_correction_rms vs Slug



Right In: 1097.772+/-0.356 χ^2/NDF : 400859.1/11

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

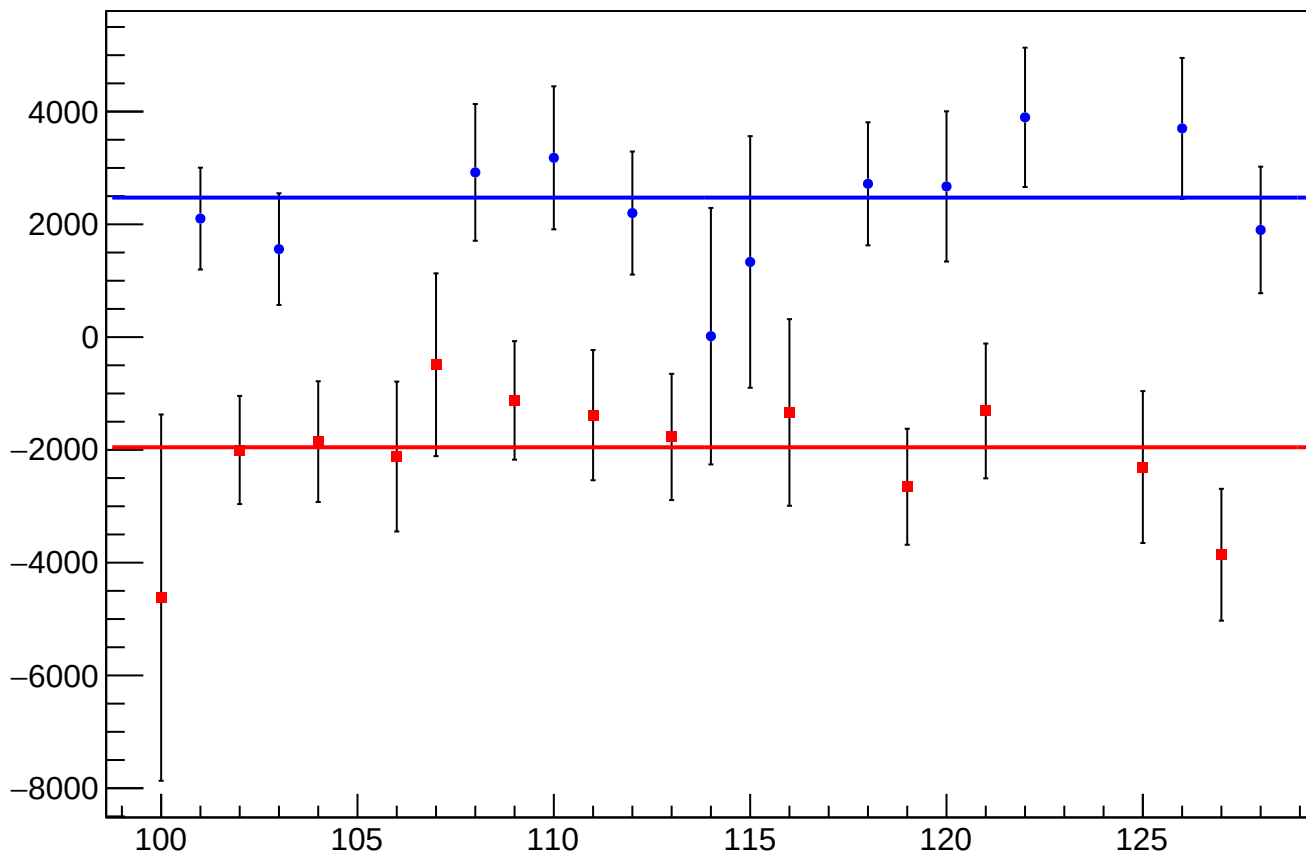
Right Out: 1178.072+/-0.368 χ^2/NDF : 352607.2/12

All: 1136.655+/-0.256 χ^2/NDF : 778071.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

eigen_cor_asym_us_avg_mean vs Slug



Right In: 2474.250 ± 347.610 χ^2/NDF : 5.6/11

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

Right Out: -1953.777 ± 338.107 χ^2/NDF : 6.0/12

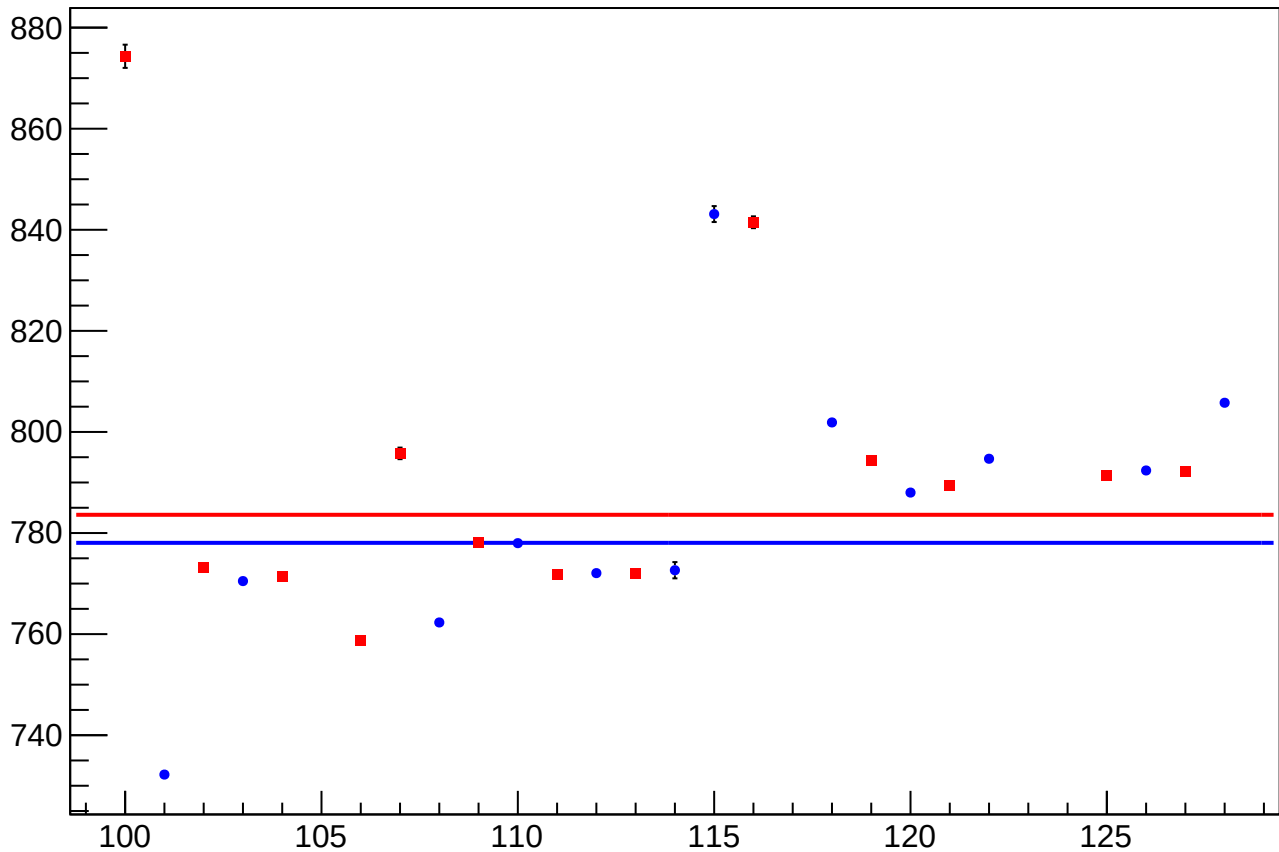
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 198.878 ± 242.368 χ^2/NDF : 95.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_rms vs Slug



Right In: 778.060 $\pm$ 0.246 χ^2 /NDF: 10293.5/11

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

Right Out: 783.609 $\pm$ 0.239 χ^2 /NDF: 6226.1/12

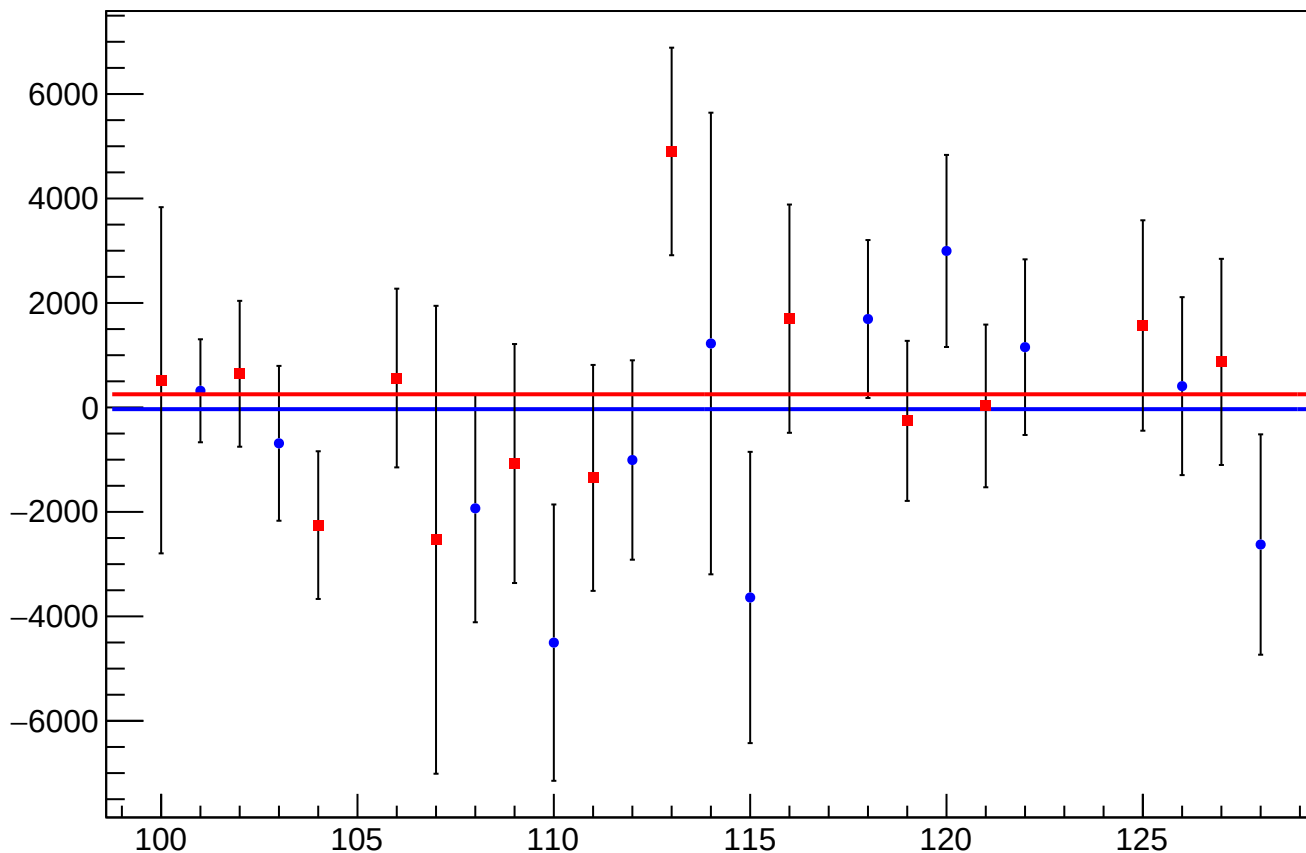
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 780.911 $\pm$ 0.171 χ^2 /NDF: 16781.5/24

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

asym_us_avg_eigen_cor_correction_mean vs Slug



Right In: -32.956+/-503.302 χ^2/NDF : 12.0/11

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

Right Out: 251.945+/-519.514 χ^2/NDF : 11.1/12

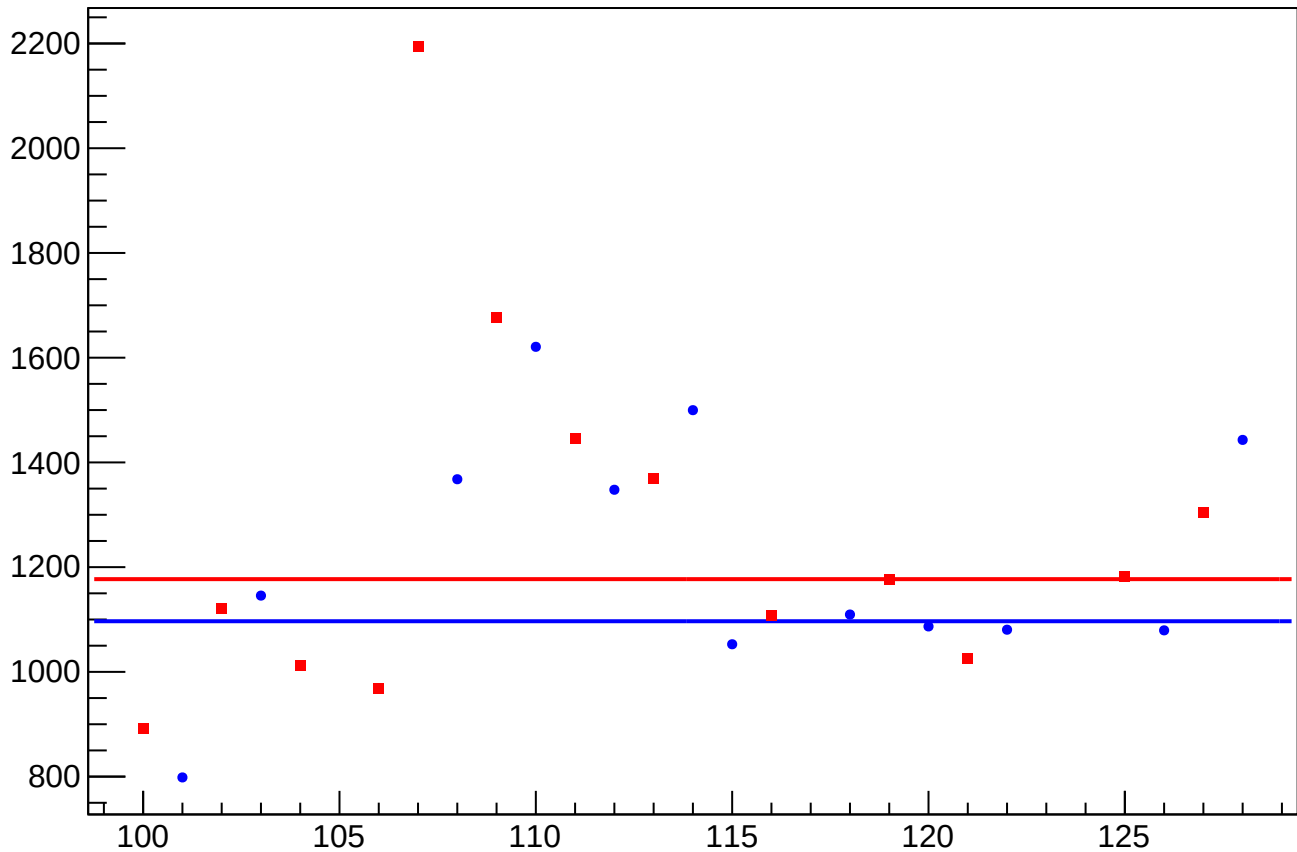
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.980+/-361.484 χ^2/NDF : 23.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_cor_correction_rms vs Slug



Right In: 1096.717+/-0.356 χ^2/NDF : 400877.6/11

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

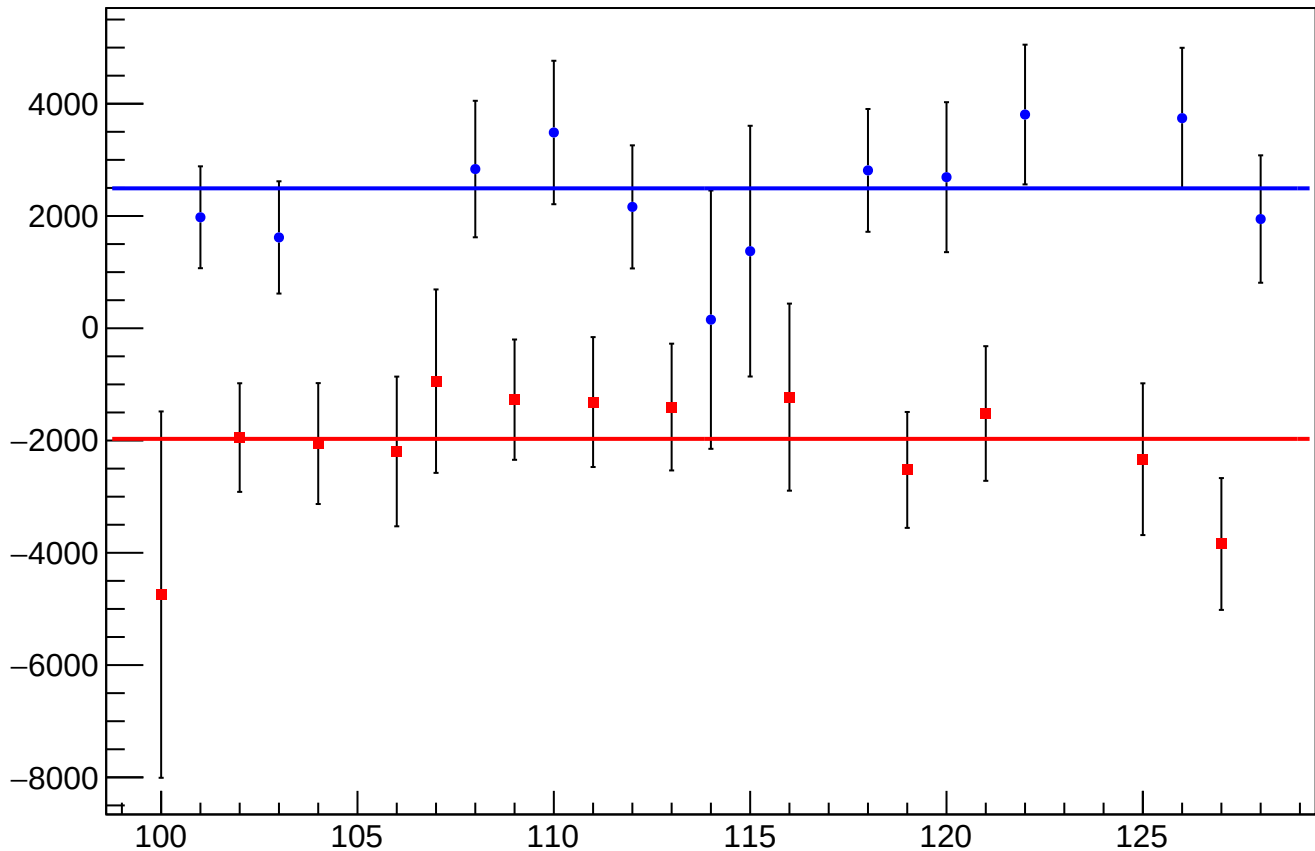
Right Out: 1177.098+/-0.367 χ^2/NDF : 352552.9/12

All: 1135.634+/-0.256 χ^2/NDF : 778128.4/24

- 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: 2492.789 $\pm$ 349.651 χ^2 /NDF: 5.6/11

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

Right Out: -1970.226 $\pm$ 340.418 χ^2 /NDF: 5.4/12

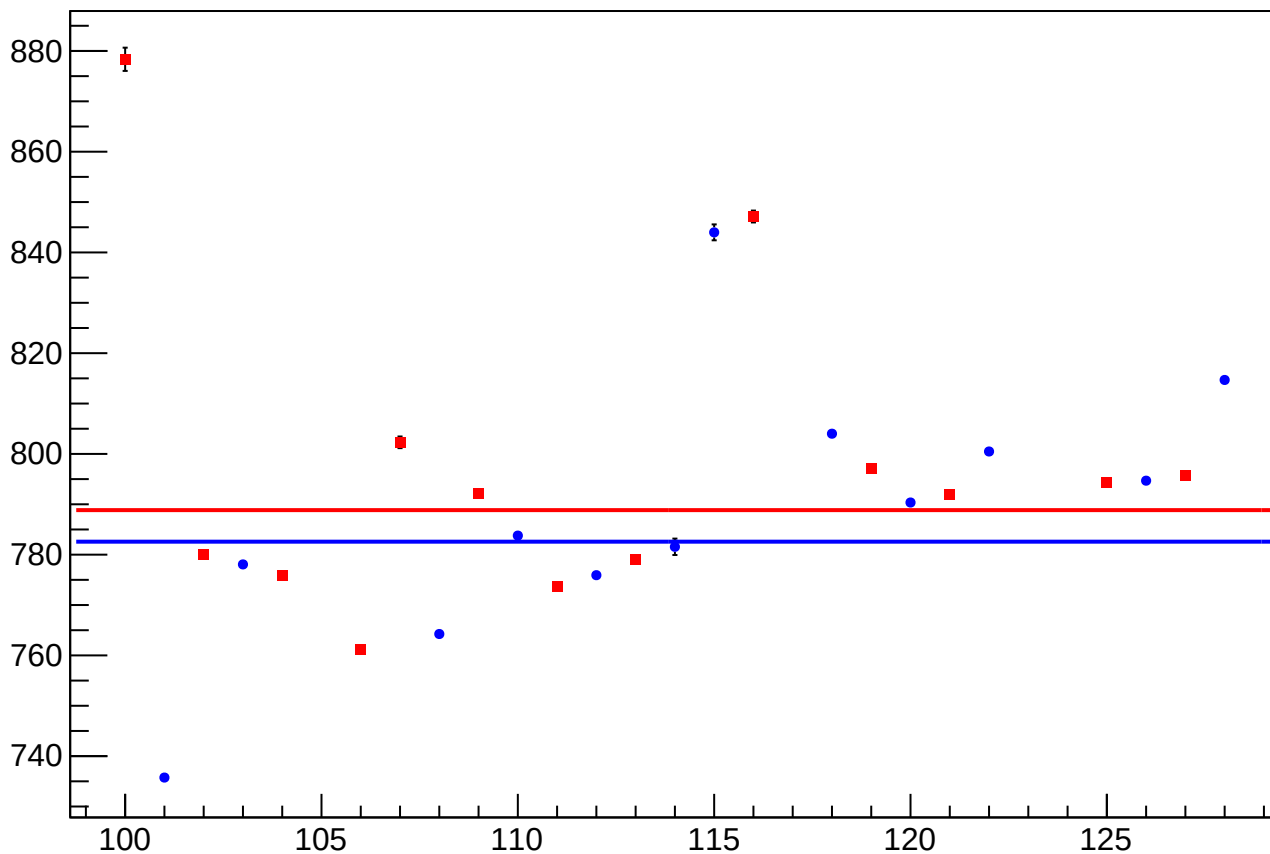
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 201.578 $\pm$ 243.911 χ^2 /NDF: 94.6/24

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

dit_asym_us_avg_rms vs Slug



Right In: 782.578 $\pm$ 0.247 χ^2 /NDF: 10448.6/11

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

Right Out: 788.841 $\pm$ 0.241 χ^2 /NDF: 6157.1/12

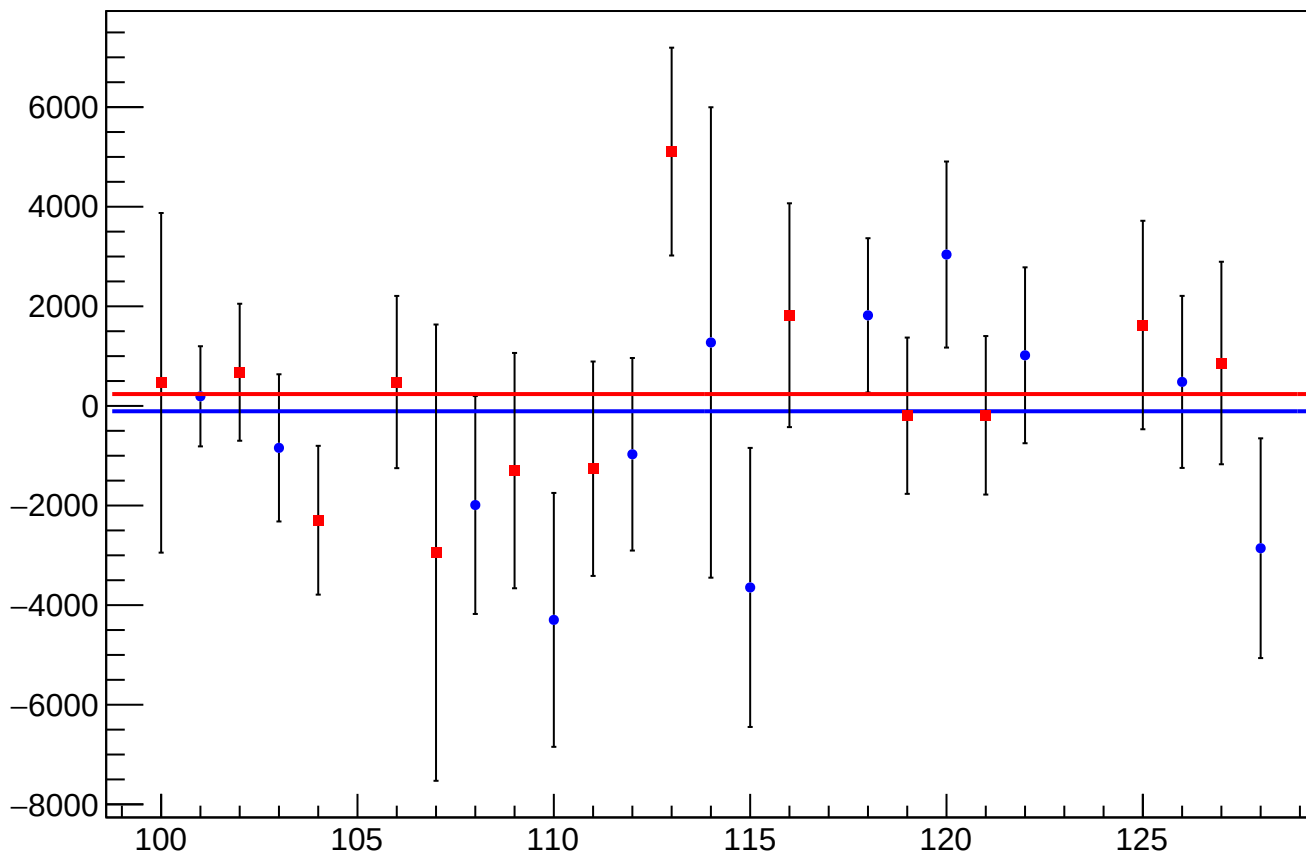
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 785.794 $\pm$ 0.172 χ^2 /NDF: 16935.1/24

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

asym_us_avg_dit_correction_mean vs Slug



Right In: -107.182+/-512.039 χ^2/NDF : 12.1/11

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

Right Out: 238.267+/-531.617 χ^2/NDF : 11.0/12

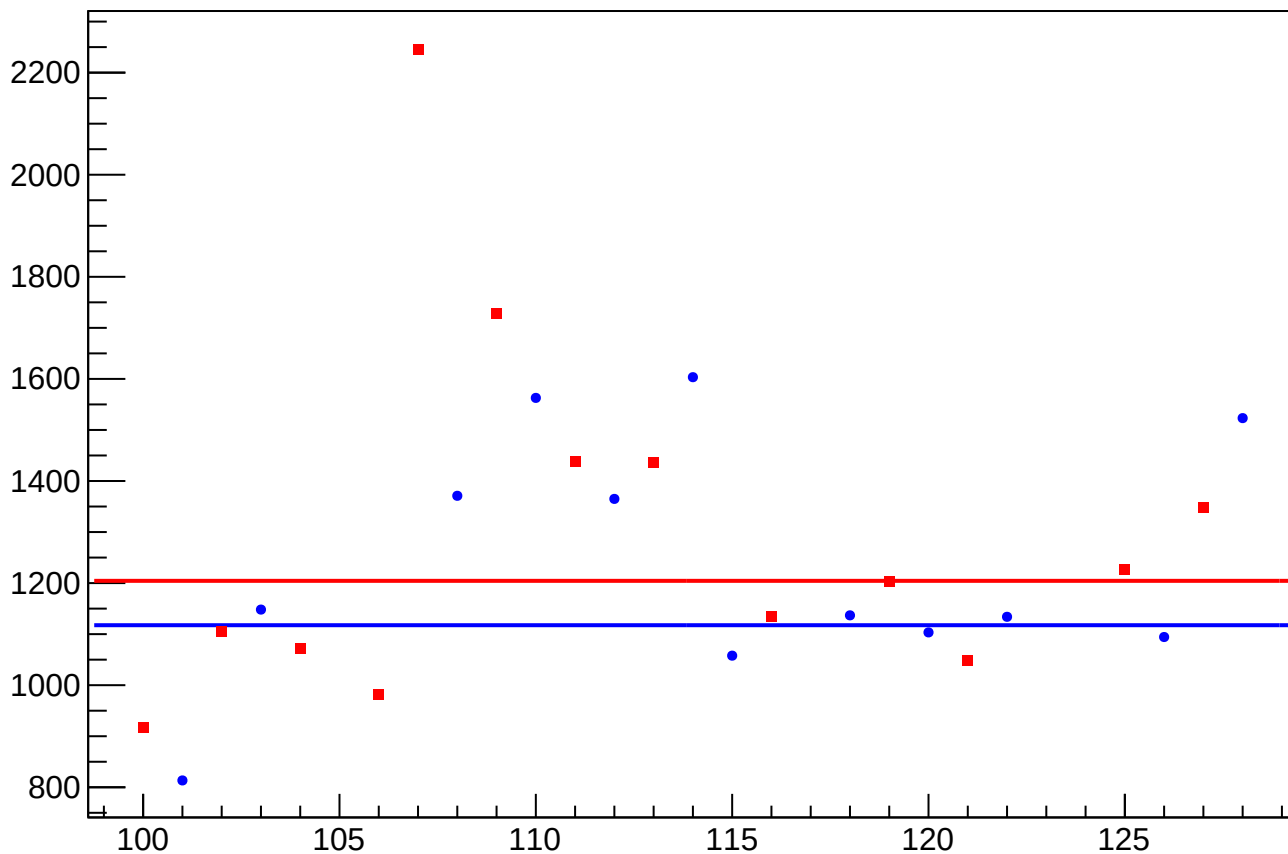
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.065+/-368.793 χ^2/NDF : 23.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_correction_rms vs Slug



Right In: 1117.497+/-0.362 χ^2/NDF : 395096.9/11

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

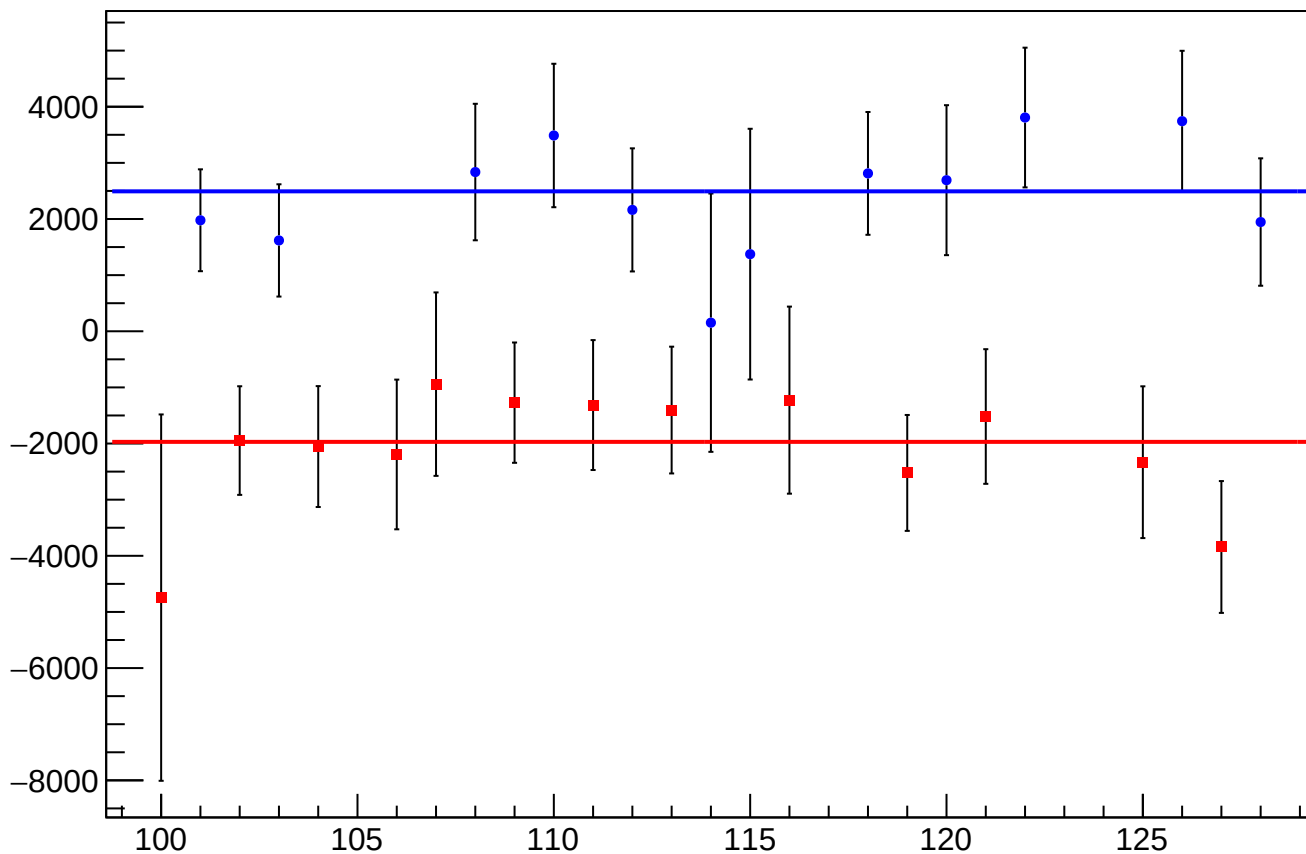
Right Out: 1204.414+/-0.376 χ^2/NDF : 354753.9/12

All: 1159.326+/-0.261 χ^2/NDF : 777583.9/24

- 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_mean vs Slug



Right In: 2492.791 $\pm$ 349.651 χ^2 /NDF: 5.6/11

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

Right Out: -1970.225 $\pm$ 340.418 χ^2 /NDF: 5.4/12

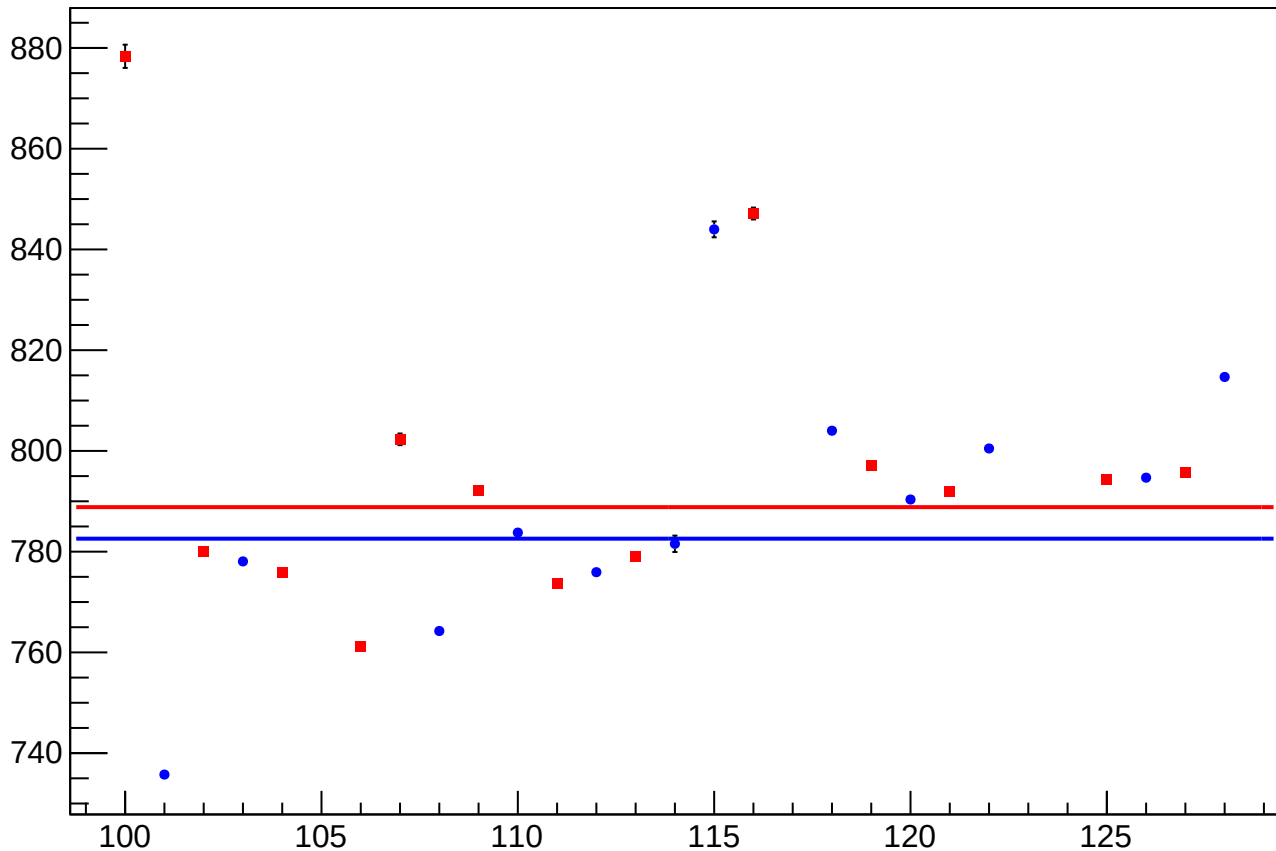
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 201.580 $\pm$ 243.911 χ^2 /NDF: 94.6/24

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

eigen_dit_asym_us_avg_rms vs Slug



Right In: 782.578 $\pm$ 0.247 χ^2 /NDF: 10448.6/11

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

Right Out: 788.841 $\pm$ 0.241 χ^2 /NDF: 6157.0/12

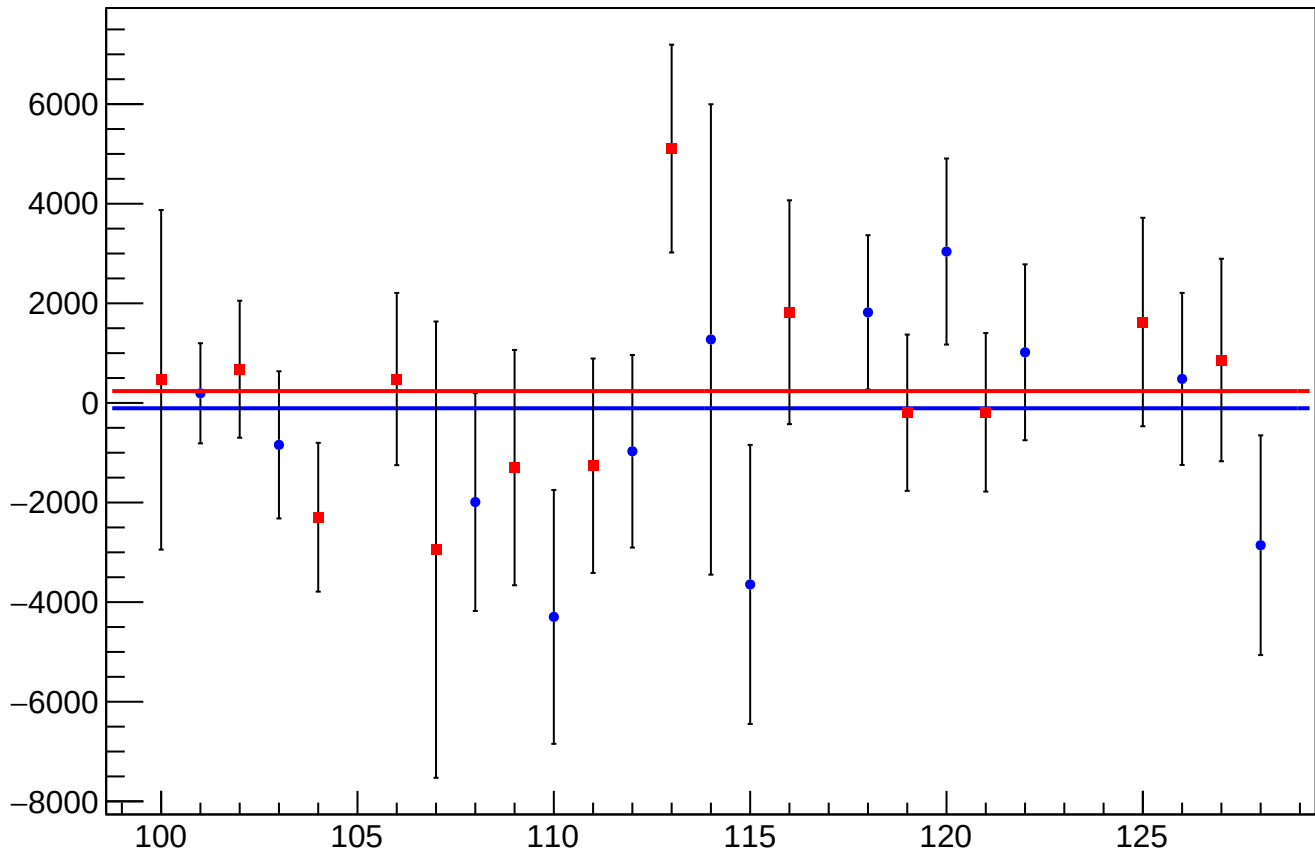
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 785.794 $\pm$ 0.172 χ^2 /NDF: 16935.1/24

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

asym_us_avg_eigen_dit_correction_mean vs Slug



Right In: -107.181+/-512.038 χ^2/NDF : 12.1/11

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

Right Out: 238.266+/-531.615 χ^2/NDF : 11.0/12

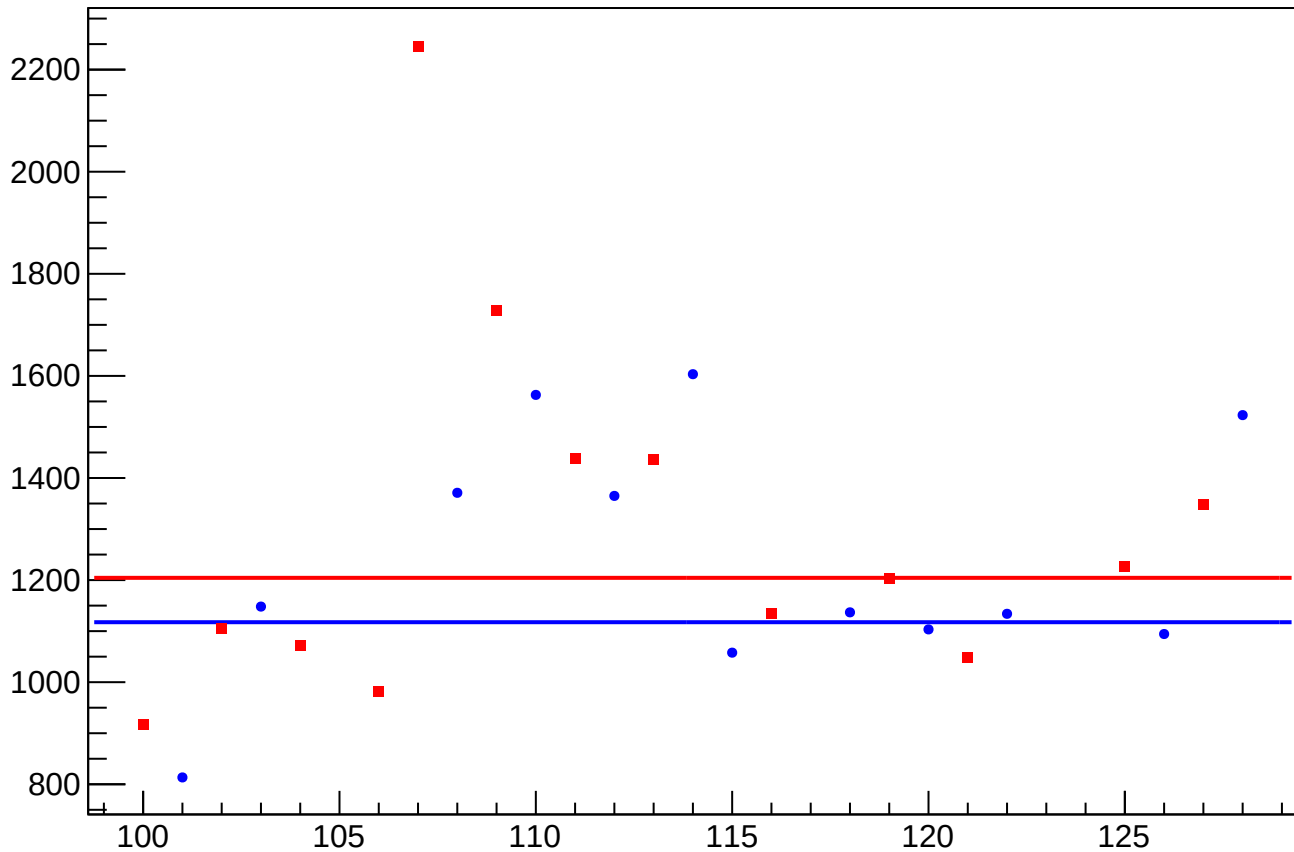
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.065+/-368.792 χ^2/NDF : 23.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_correction_rms vs Slug



Right In: 1117.494+/-0.362 χ^2/NDF : 395093.6/11

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

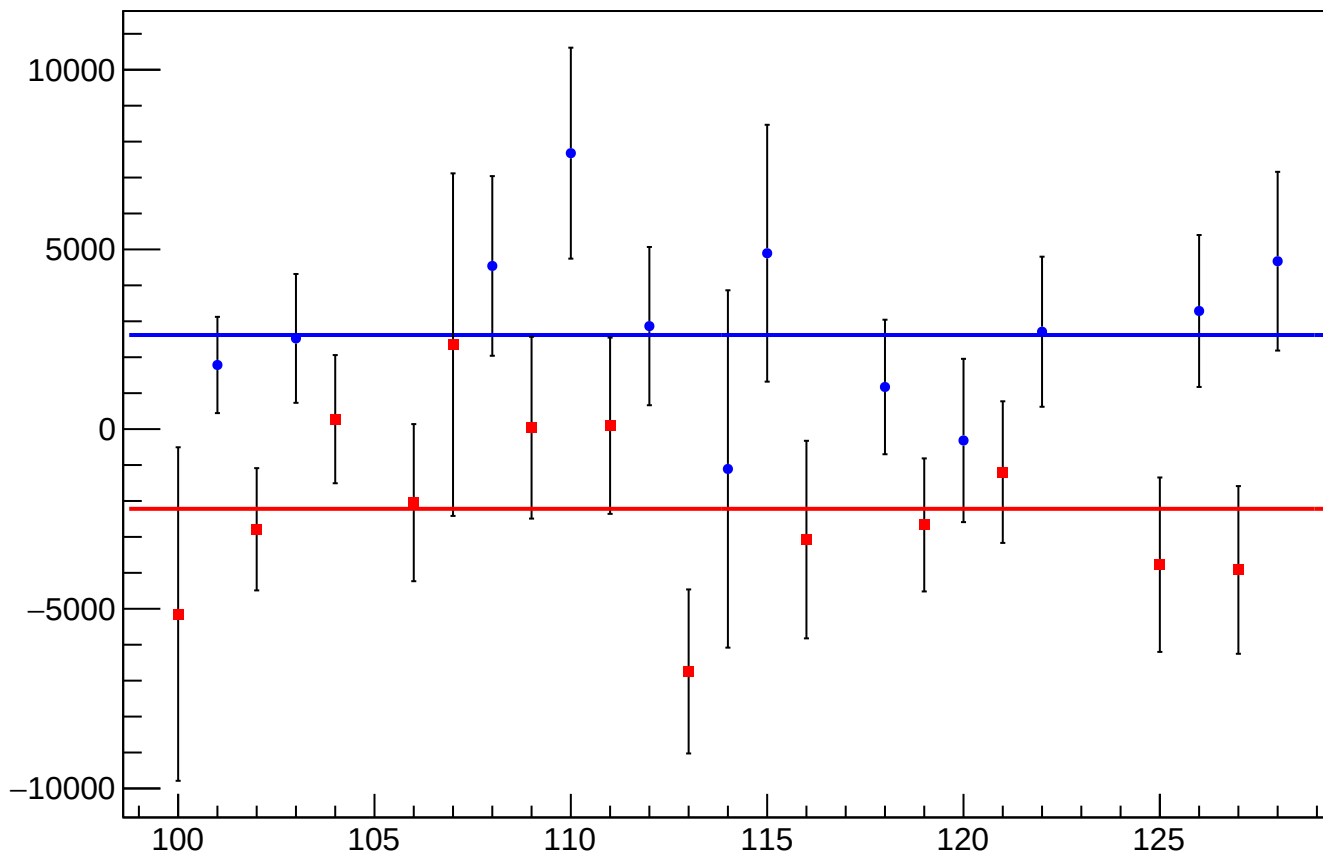
Right Out: 1204.410+/-0.376 χ^2/NDF : 354752.1/12

All: 1159.322+/-0.261 χ^2/NDF : 777579.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_us_avg_mean vs Slug



Right In: 2618.356+/-624.546 χ^2/NDF : 8.0/11

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

Right Out: -2218.436+/-631.291 χ^2/NDF : 10.4/12

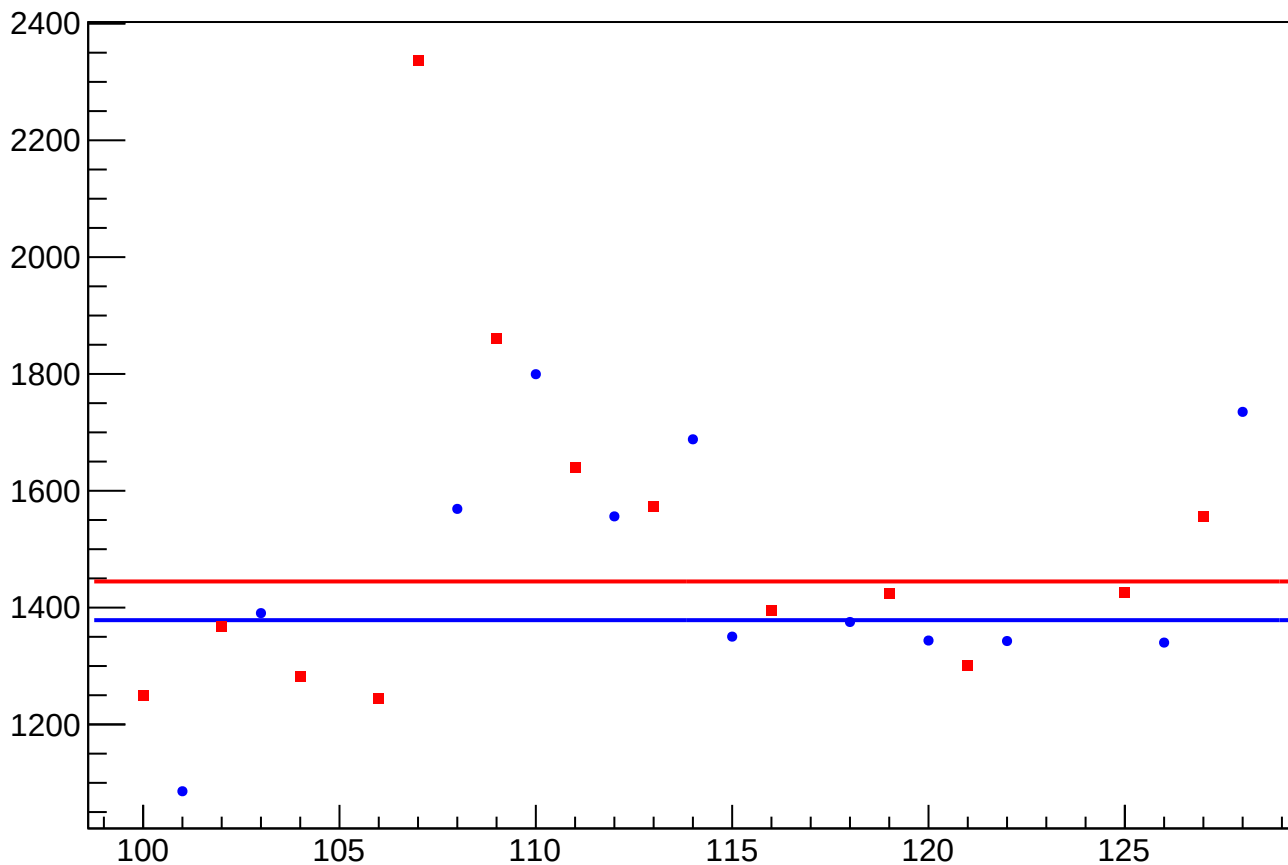
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.936+/-443.986 χ^2/NDF : 48.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_rms vs Slug



Right In: 1378.510+/-0.442 χ^2/NDF : 212244.1/11

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

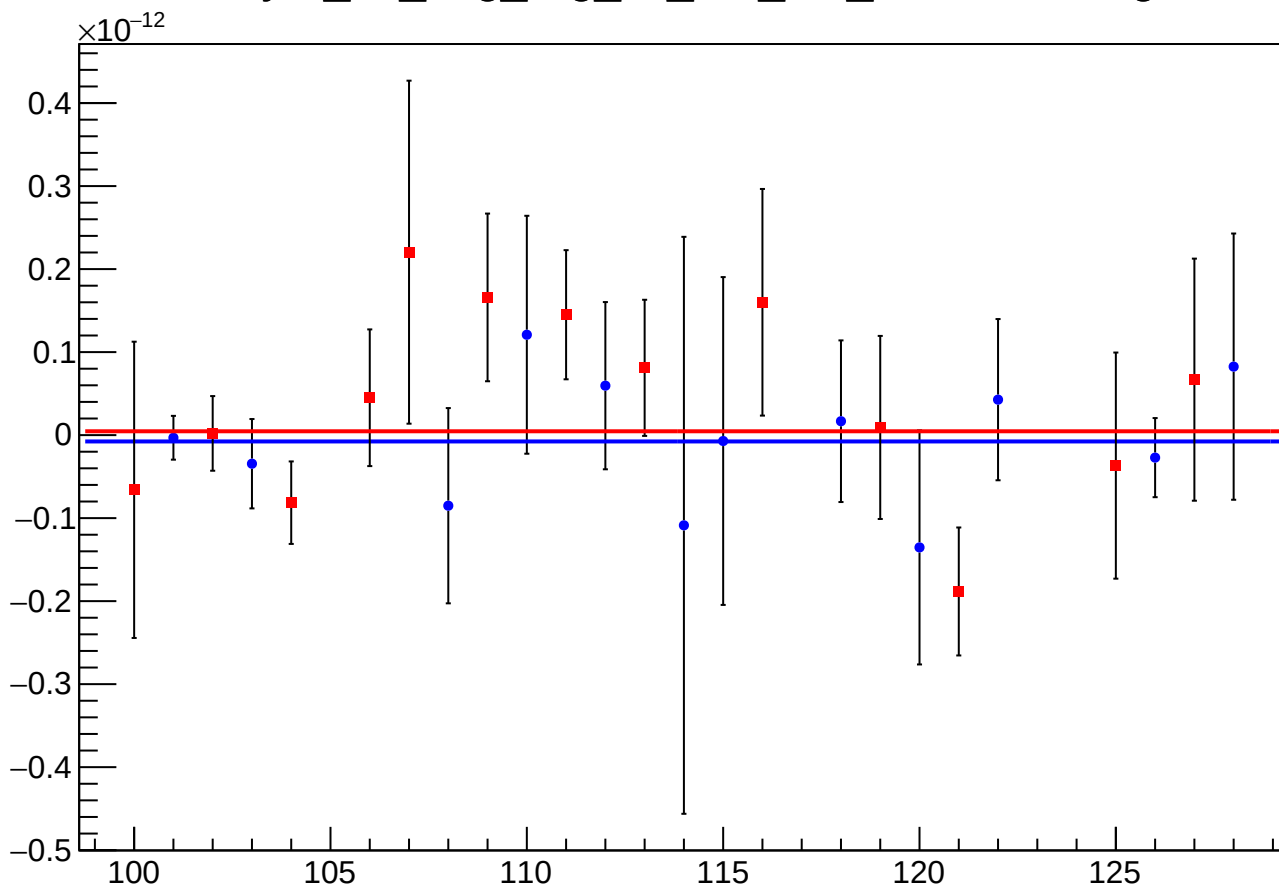
Right Out: 1444.763+/-0.446 χ^2/NDF : 200444.8/12

All: 1411.281+/-0.314 χ^2/NDF : 423821.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_us_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.7/11

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.0/12

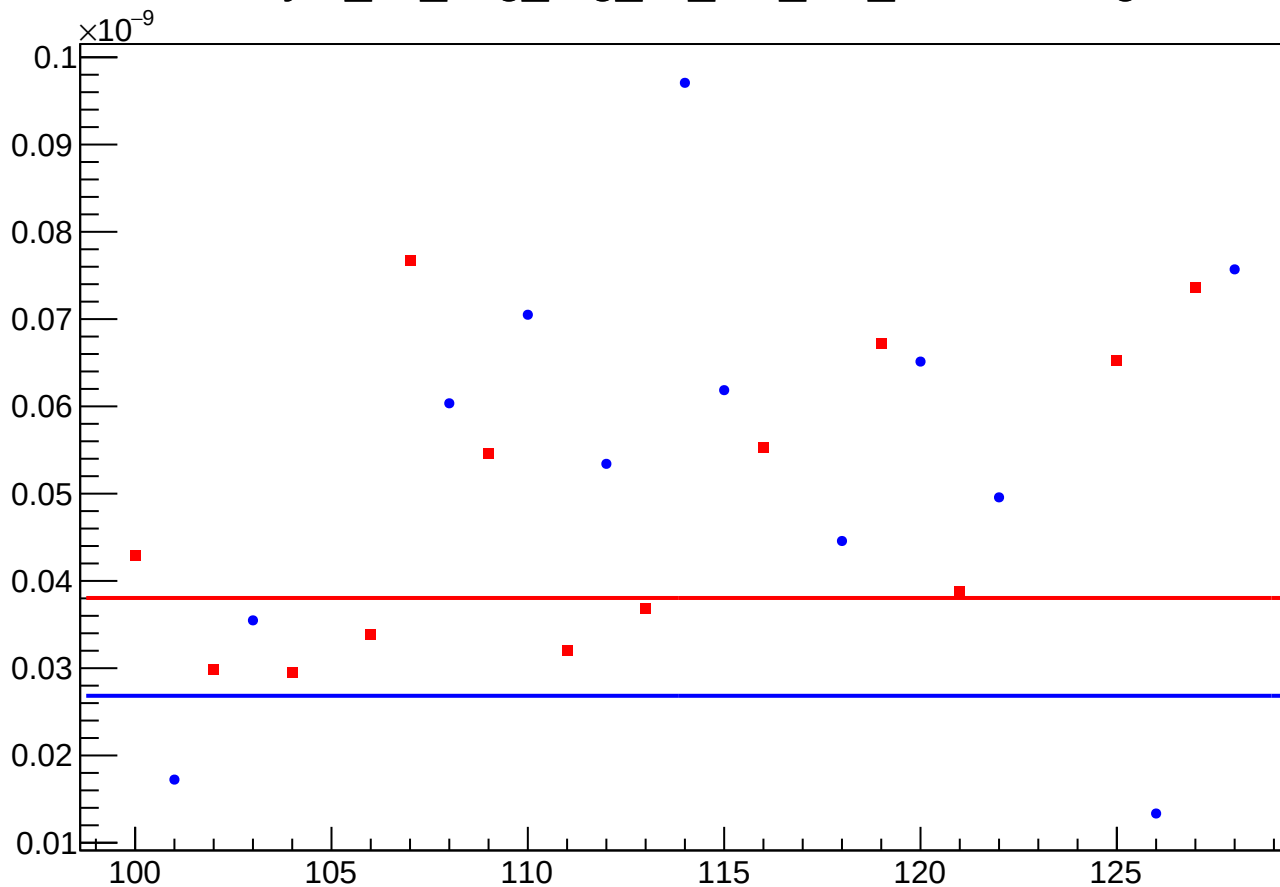
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.8/24

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

asym_us_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1617916.2/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 639192.4/12

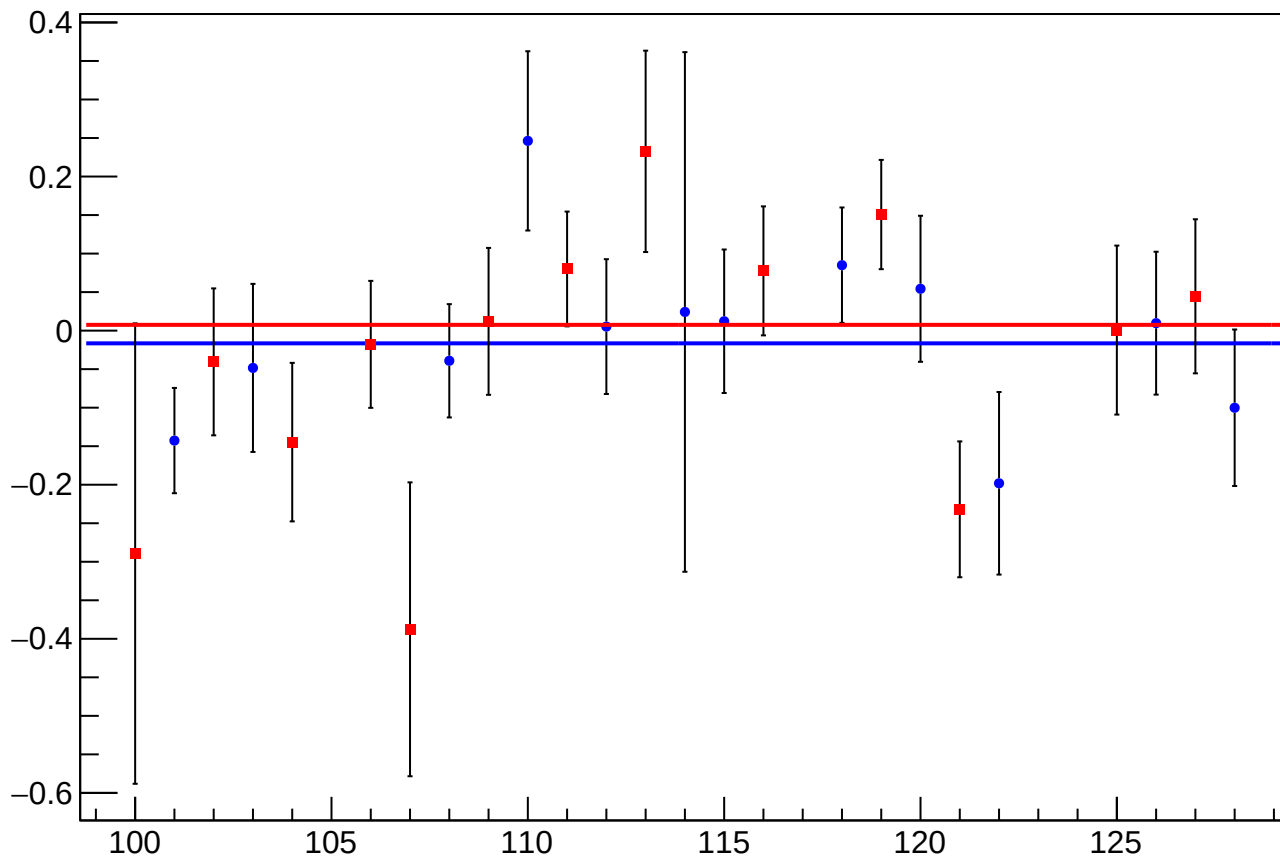
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2542225.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.016+/-0.027 χ^2/NDF : 14.4/11

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

Right Out: 0.007+/-0.027 χ^2/NDF : 24.0/12

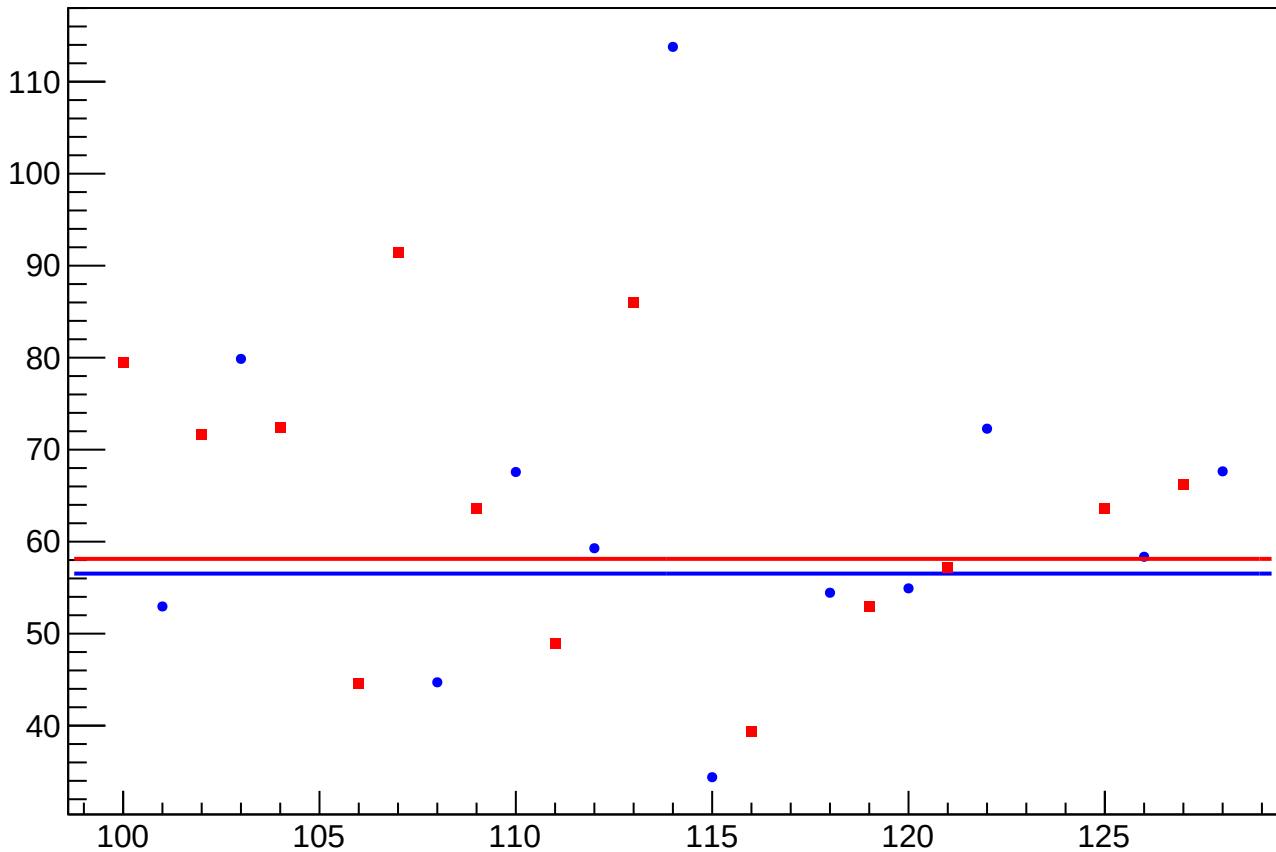
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.019 χ^2/NDF : 38.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_vs_cor_diff_rms vs Slug



Right In: 56.528+/-0.019 χ^2/NDF : 401532.4/11

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

Right Out: 58.129+/-0.019 χ^2/NDF : 461315.6/12

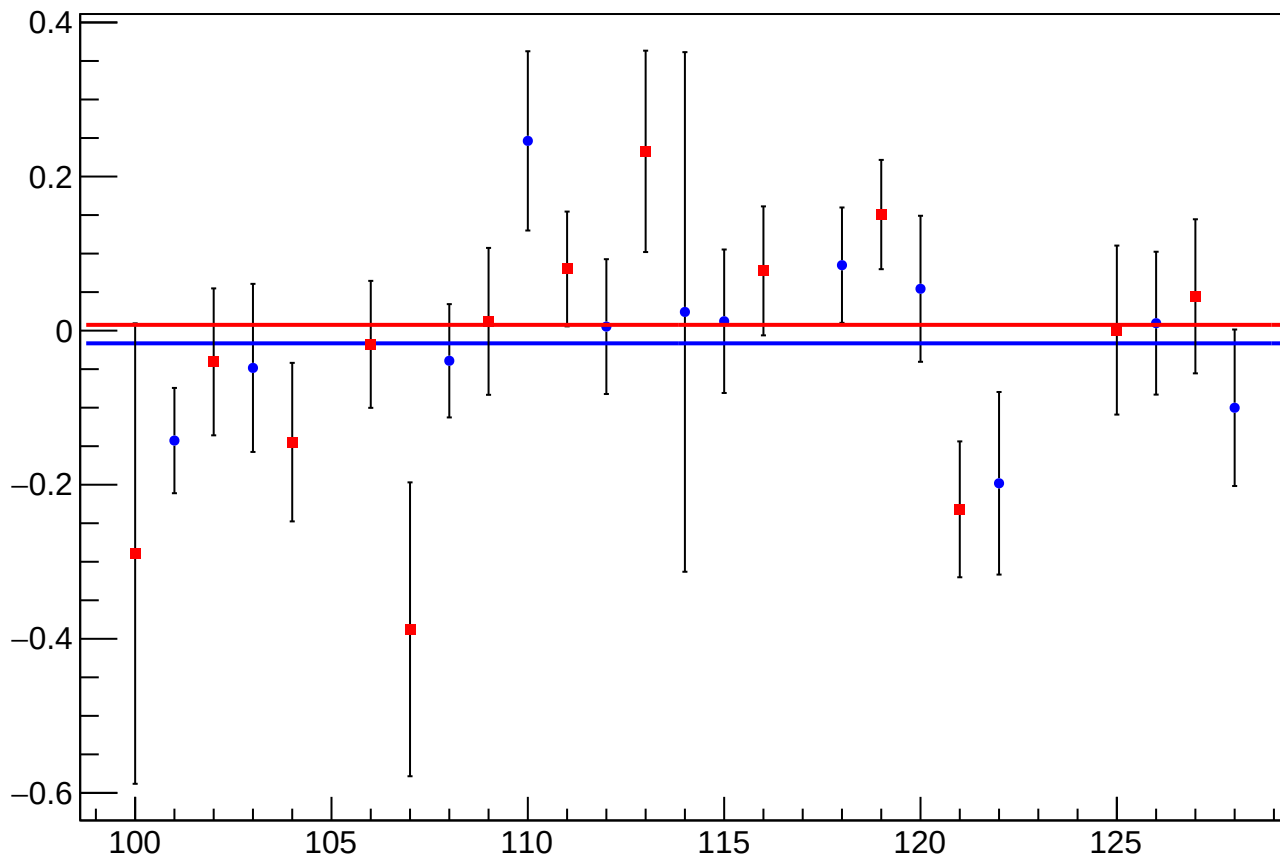
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.330+/-0.013 χ^2/NDF : 866406.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.016+/-0.027 χ^2/NDF : 14.4/11

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

Right Out: 0.007+/-0.027 χ^2/NDF : 24.0/12

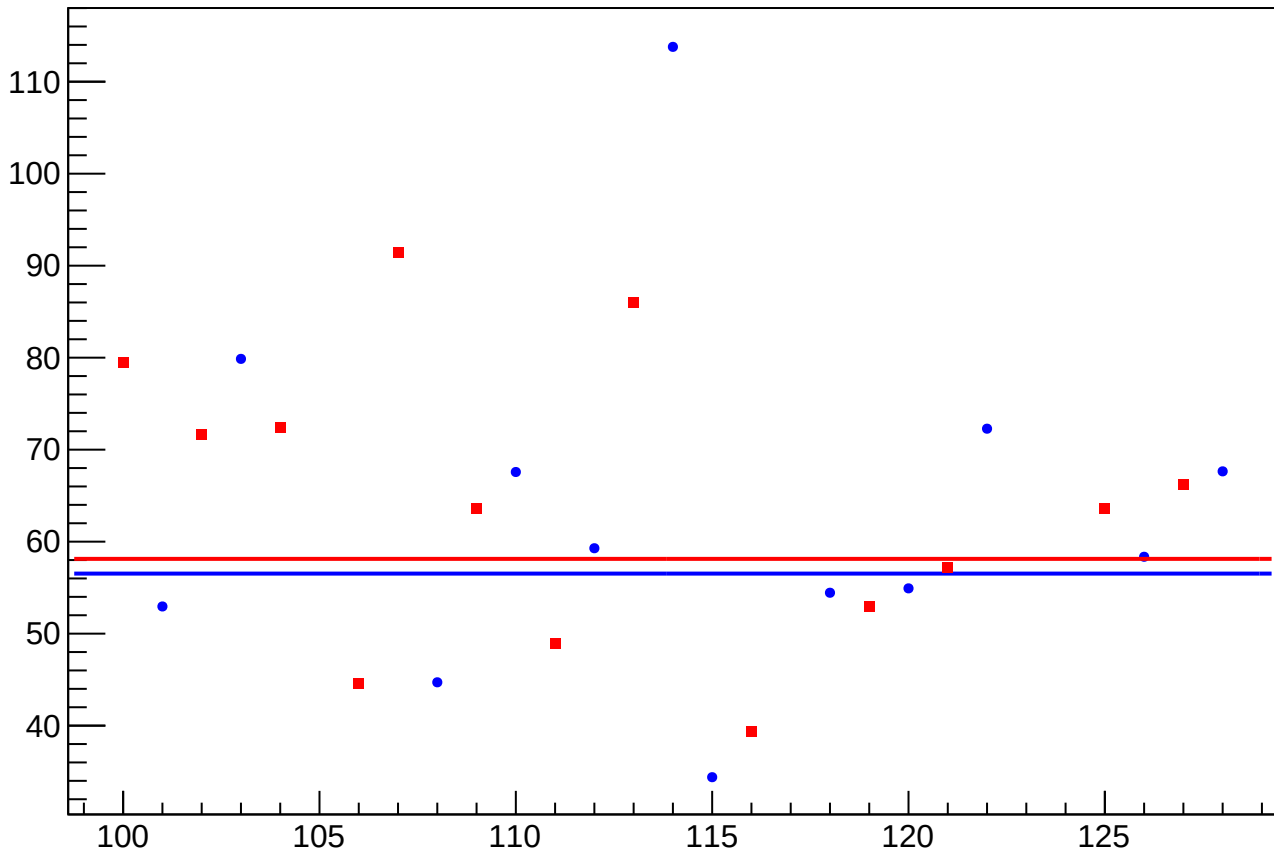
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.019 χ^2/NDF : 38.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 56.528+/-0.019 χ^2/NDF : 401532.4/11

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

Right Out: 58.129+/-0.019 χ^2/NDF : 461315.6/12

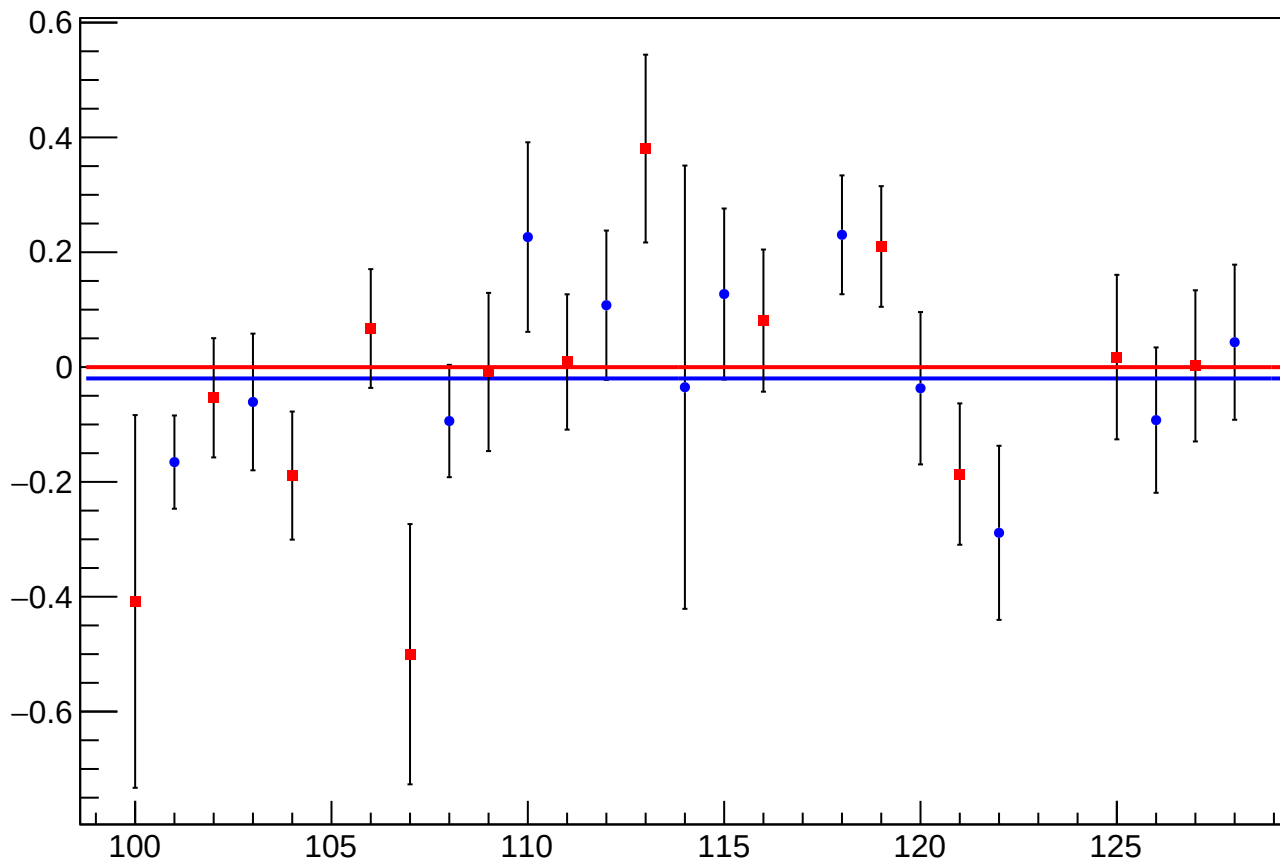
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.330+/-0.013 χ^2/NDF : 866406.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.020 ± 0.036 χ^2/NDF : 17.6/11

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

Right Out: -0.000 ± 0.036 χ^2/NDF : 22.2/12

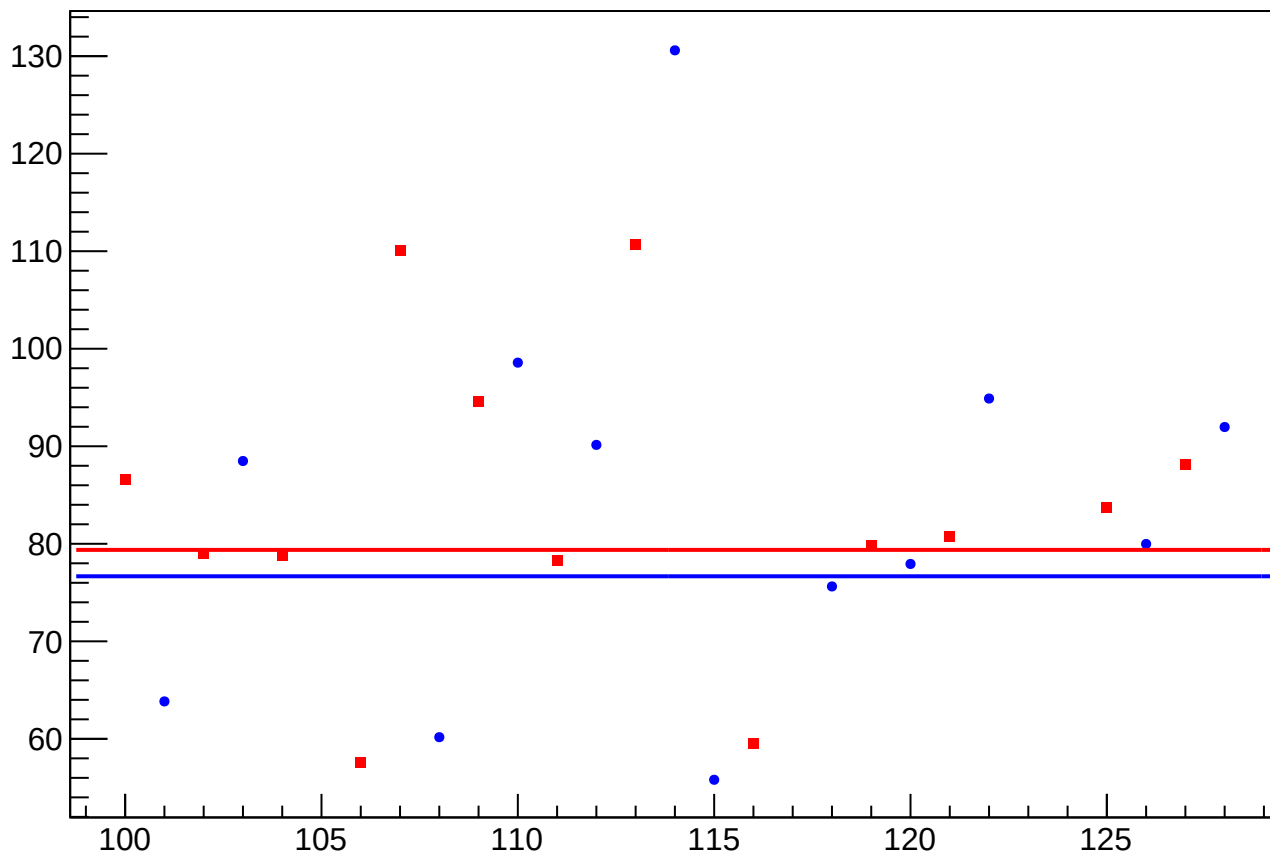
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.025 χ^2/NDF : 39.9/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_vs_overload_cor_diff_rms vs Slug



Right In: 76.669+/-0.025 χ^2/NDF : 317817.7/11

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

Right Out: 79.375+/-0.025 χ^2/NDF : 286723.3/12

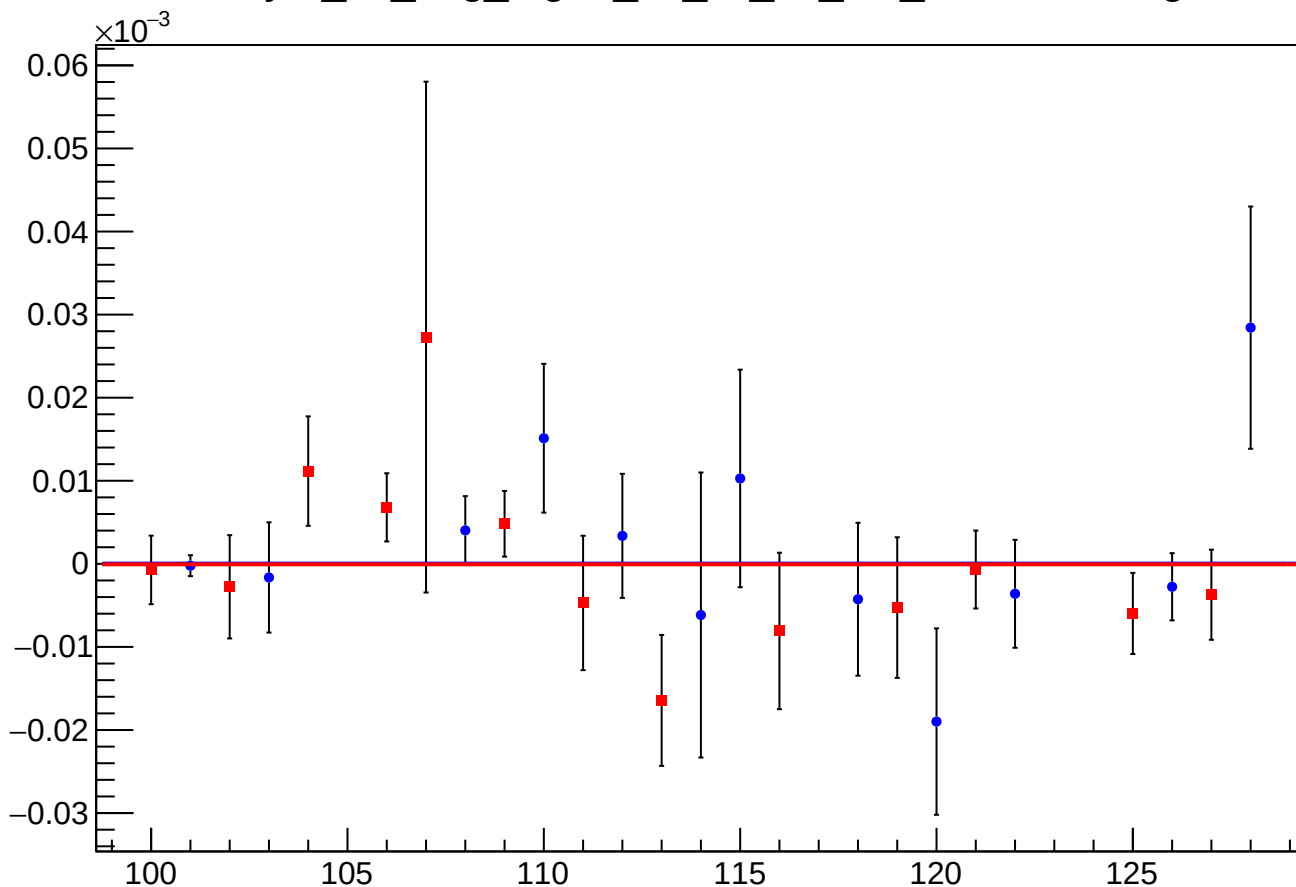
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.023+/-0.018 χ^2/NDF : 610291.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.5/11

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.9/12

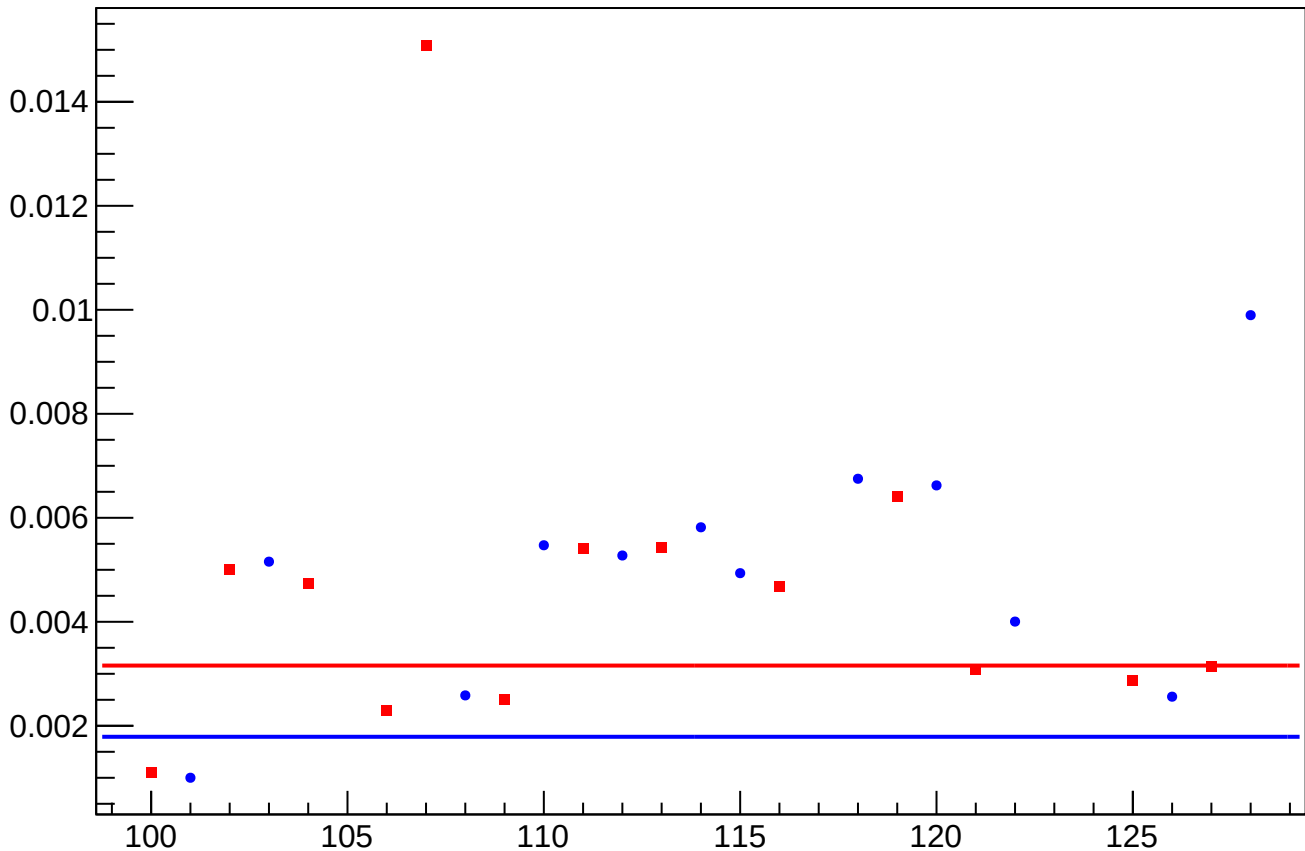
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 28.4/24

- 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 : 4252684.3/11

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

Right Out: 0.003+/-0.000 χ^2/NDF : 1903553.4/12

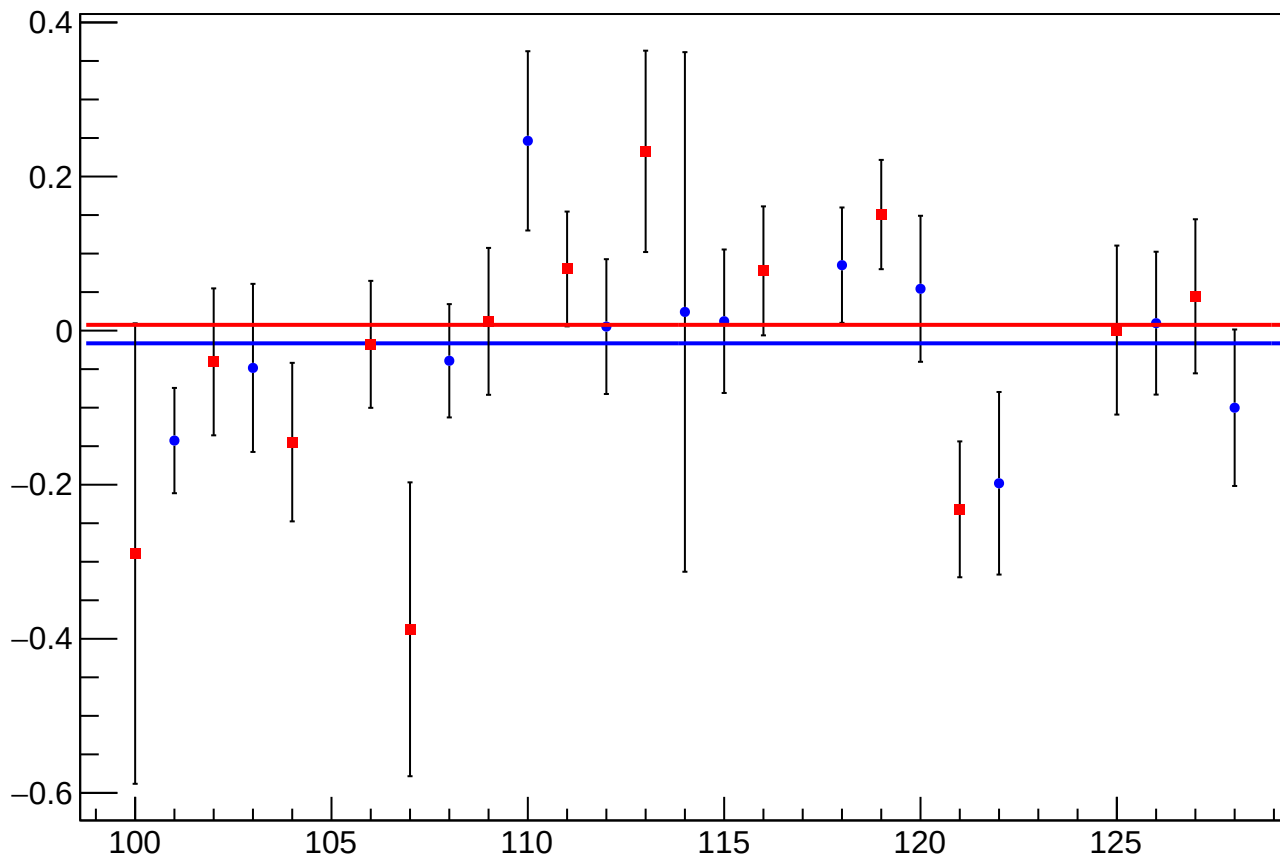
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 7199364.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.016 $\pm$ 0.027 χ^2 /NDF: 14.4/11

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

Right Out: 0.007 $\pm$ 0.027 χ^2 /NDF: 24.0/12

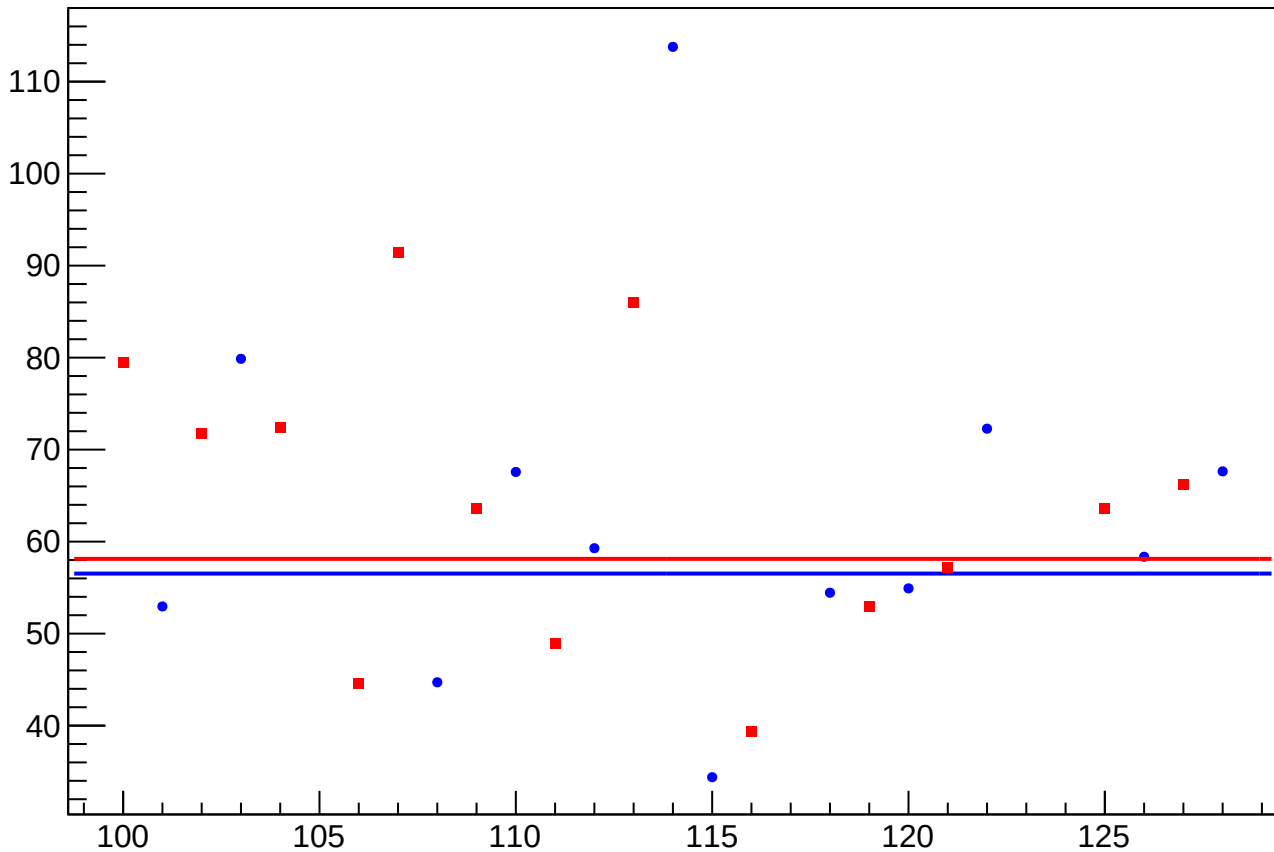
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.004 $\pm$ 0.019 χ^2 /NDF: 38.8/24

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

asym_us_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 56.527+/-0.019 χ^2/NDF : 401549.5/11

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

Right Out: 58.127+/-0.019 χ^2/NDF : 461321.1/12

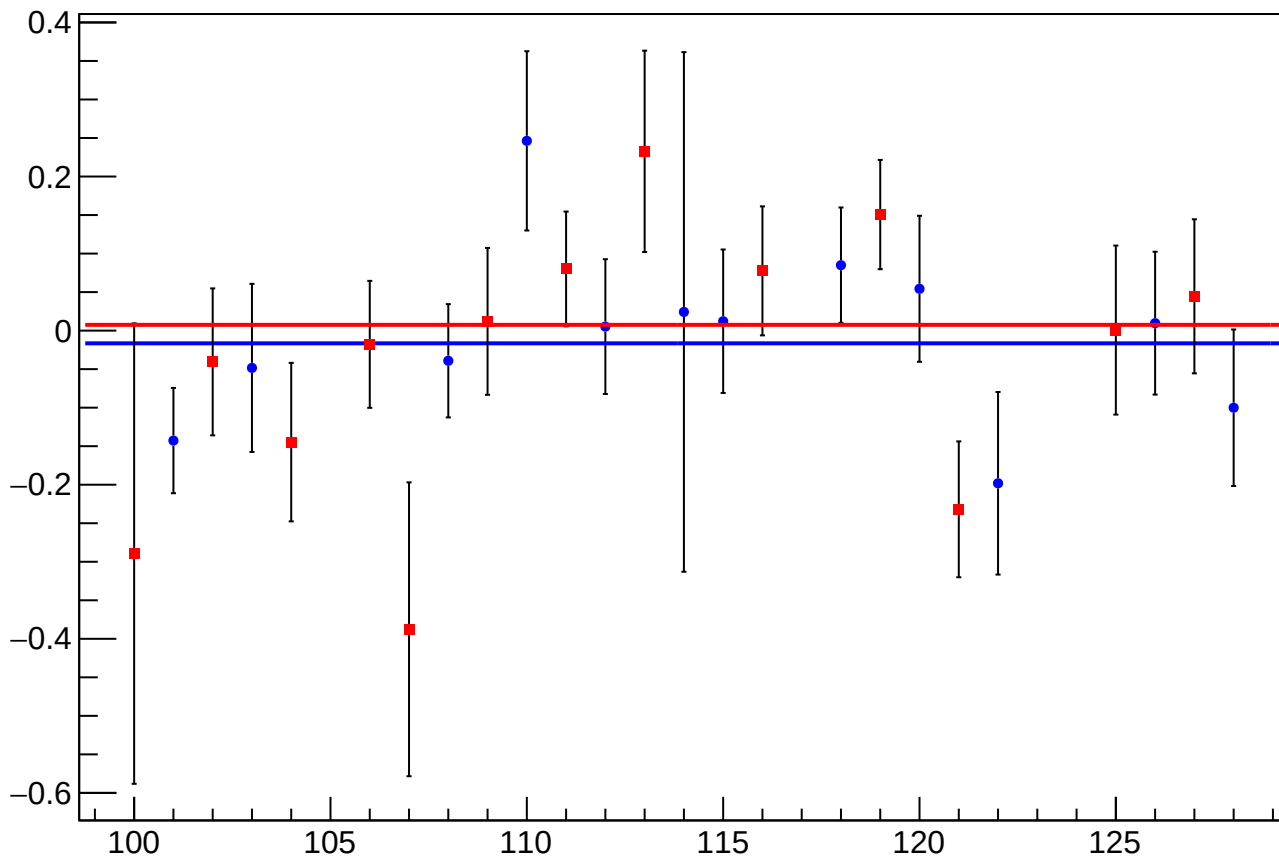
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.329+/-0.013 χ^2/NDF : 866429.4/24

- 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: -0.016+/-0.027 χ^2/NDF : 14.4/11

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

Right Out: 0.007+/-0.027 χ^2/NDF : 24.0/12

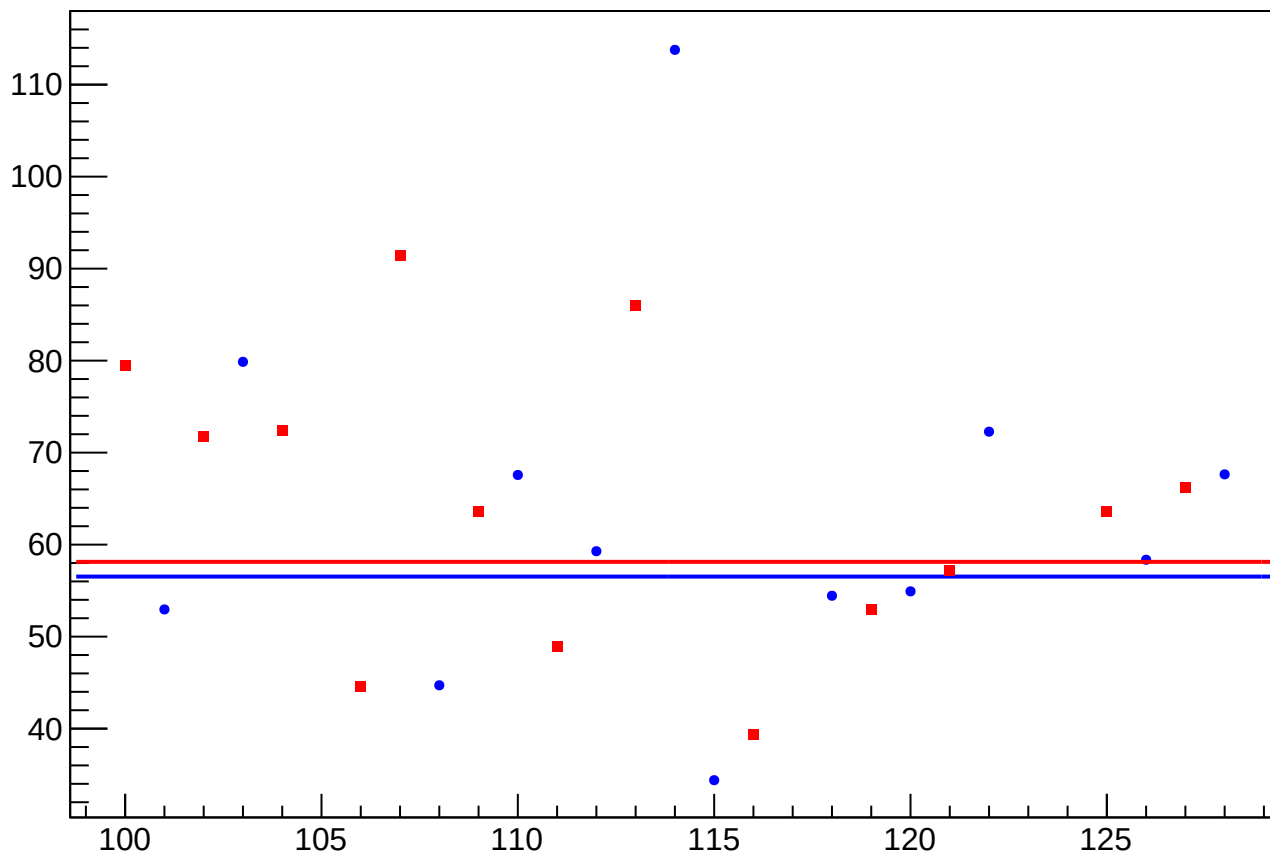
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.019 χ^2/NDF : 38.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 56.527+/-0.019 χ^2/NDF : 401549.5/11

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

Right Out: 58.127+/-0.019 χ^2/NDF : 461321.1/12

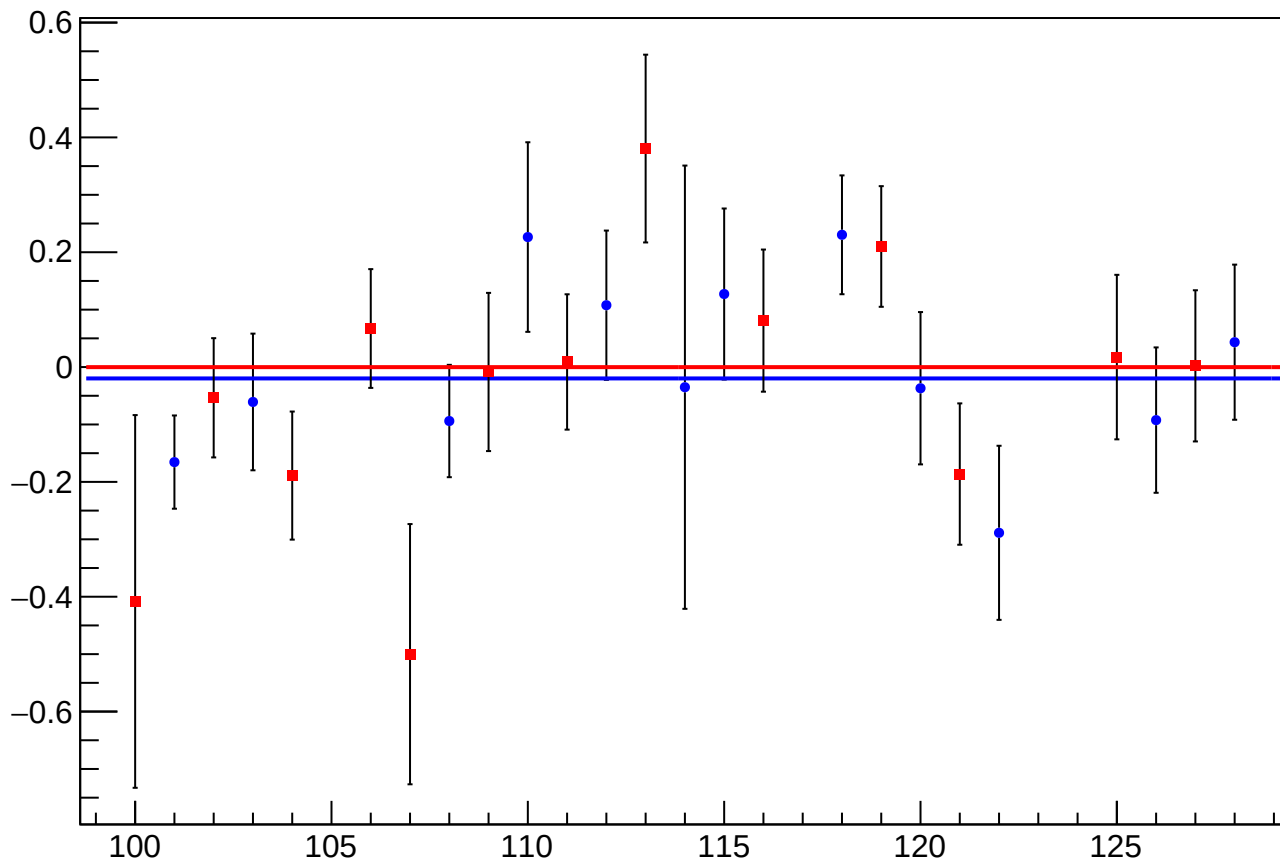
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.329+/-0.013 χ^2/NDF : 866429.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.020+/-0.036 χ^2/NDF : 17.6/11

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

Right Out: -0.000+/-0.036 χ^2/NDF : 22.2/12

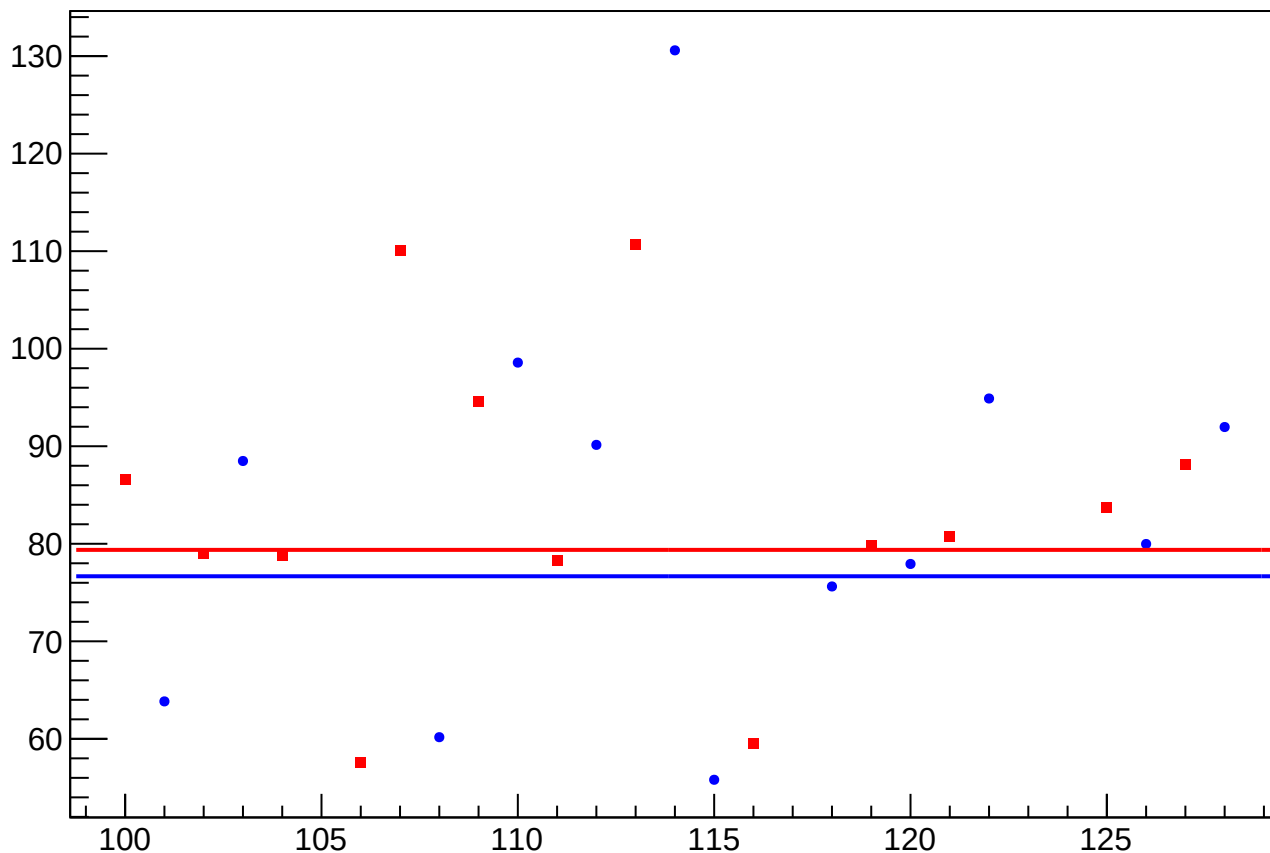
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.025 χ^2/NDF : 39.9/24

- 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: 76.669+/-0.025 χ^2/NDF : 317812.5/11

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

Right Out: 79.374+/-0.025 χ^2/NDF : 286714.3/12

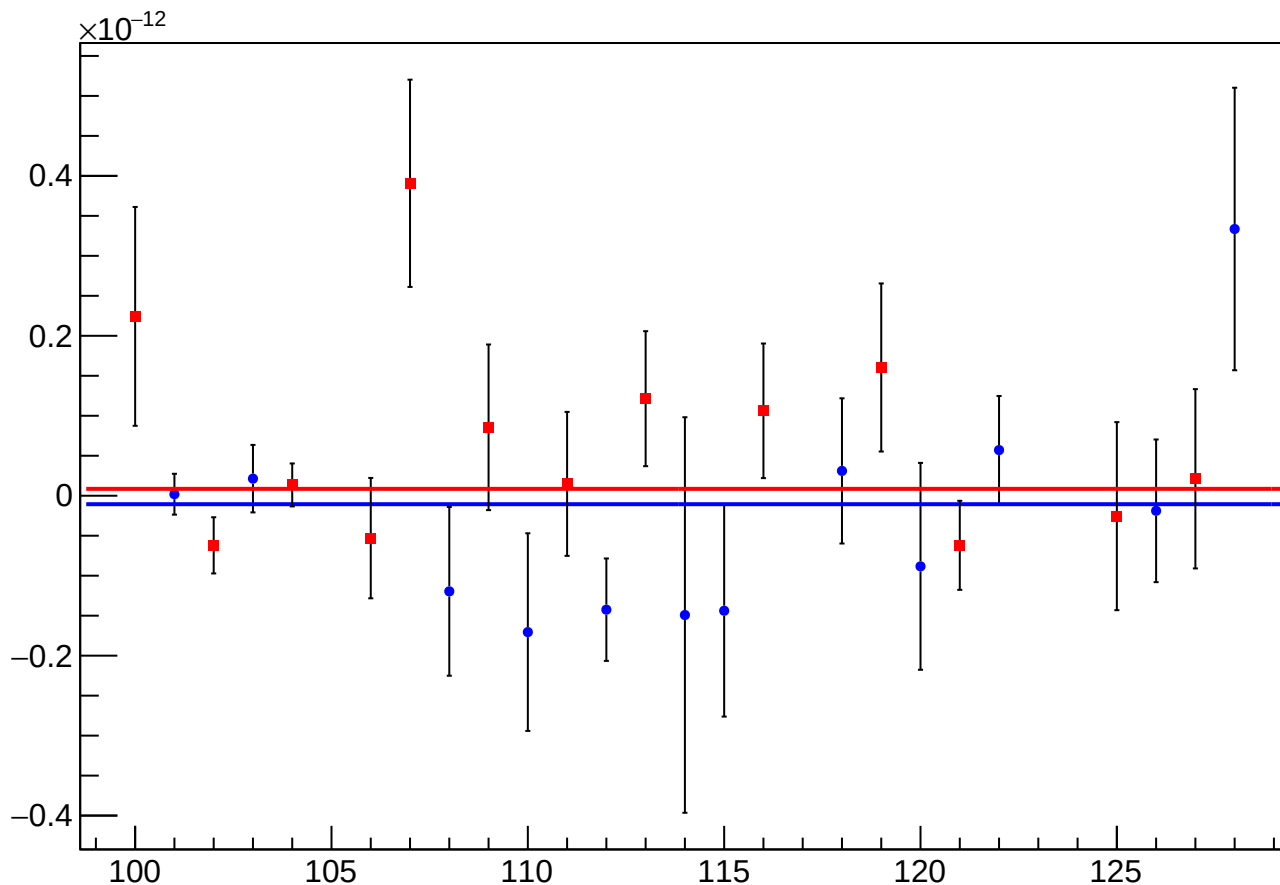
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.022+/-0.018 χ^2/NDF : 610277.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 14.5/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 23.4/12

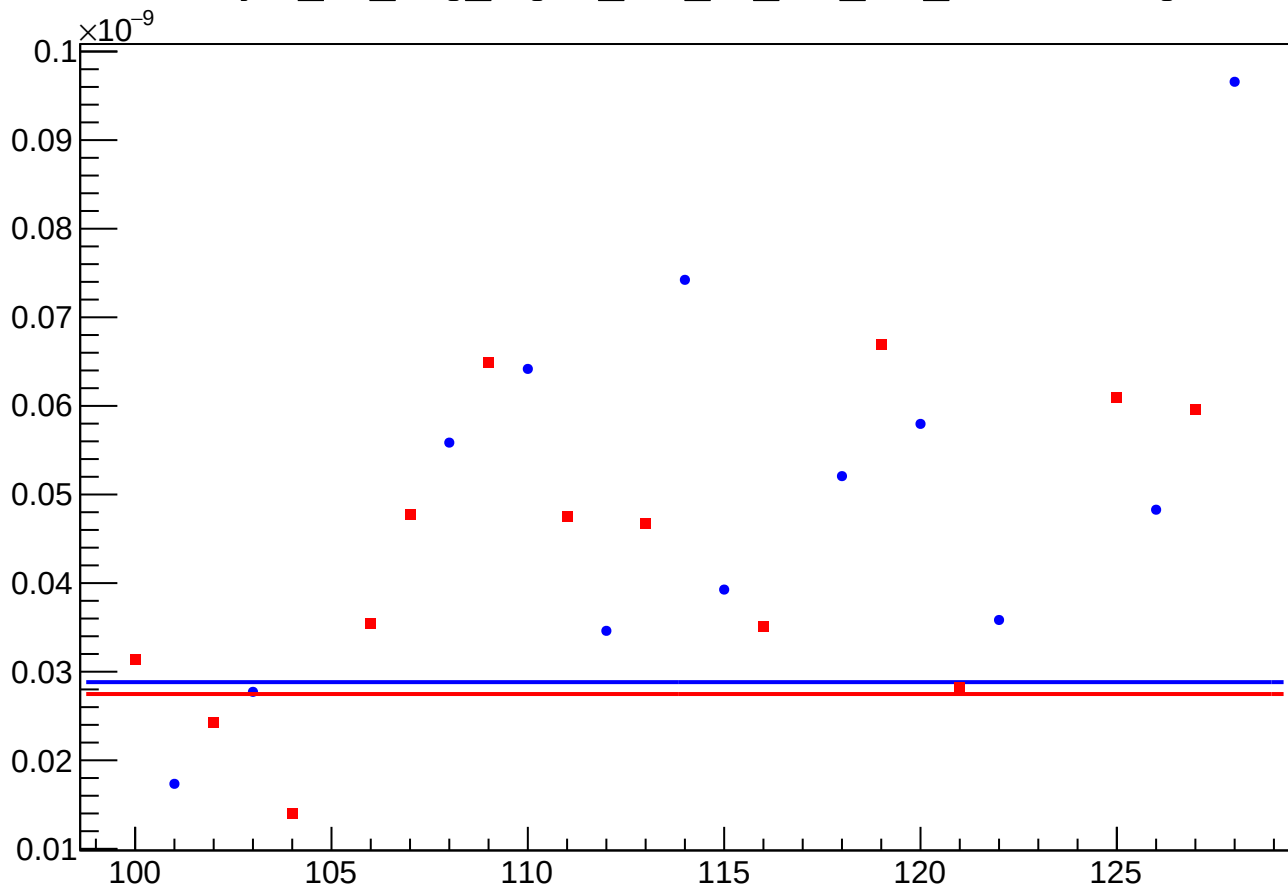
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 38.5/24

- 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: 1439962.1/11

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1683597.9/12

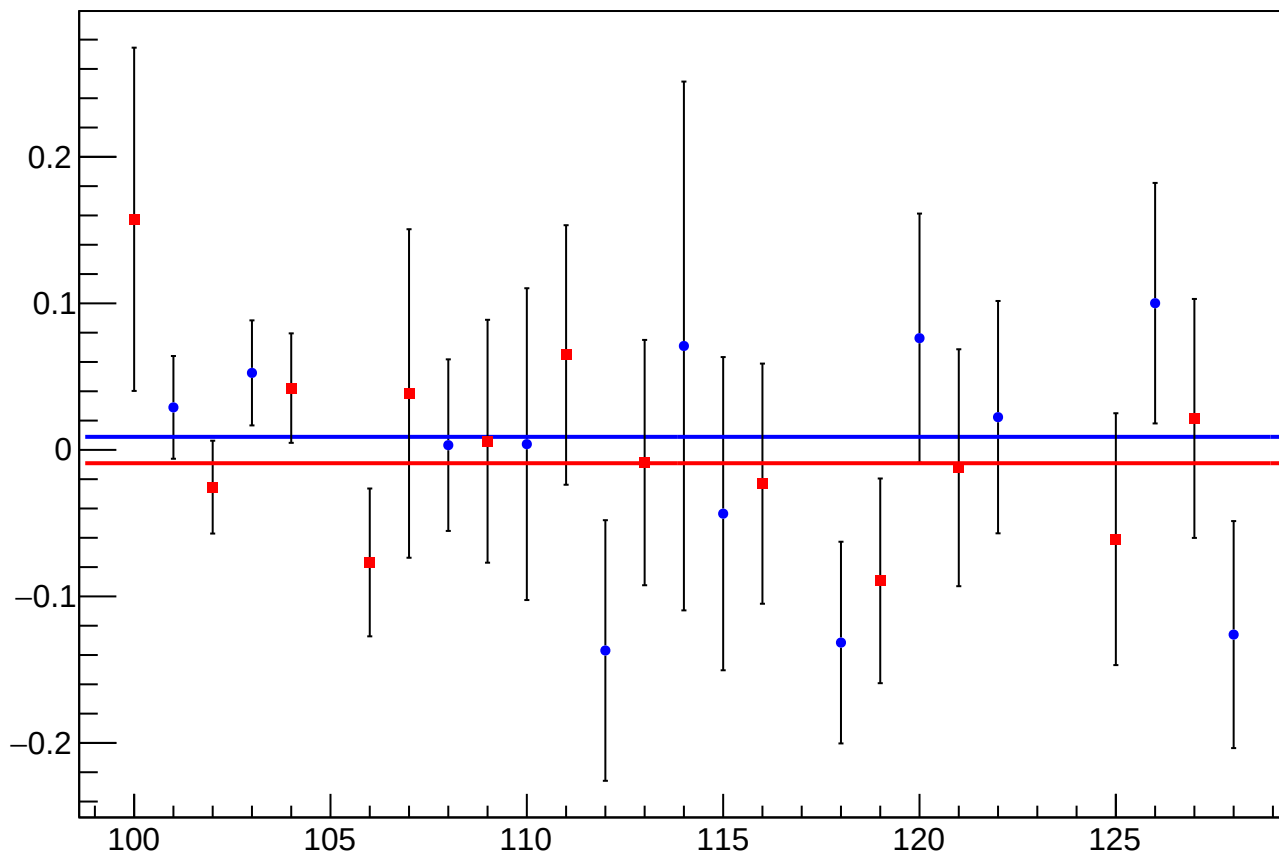
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3129545.7/24

- 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: 14.0/11

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

Right Out: -0.009 $\pm$ 0.017 χ^2 /NDF: 8.7/12

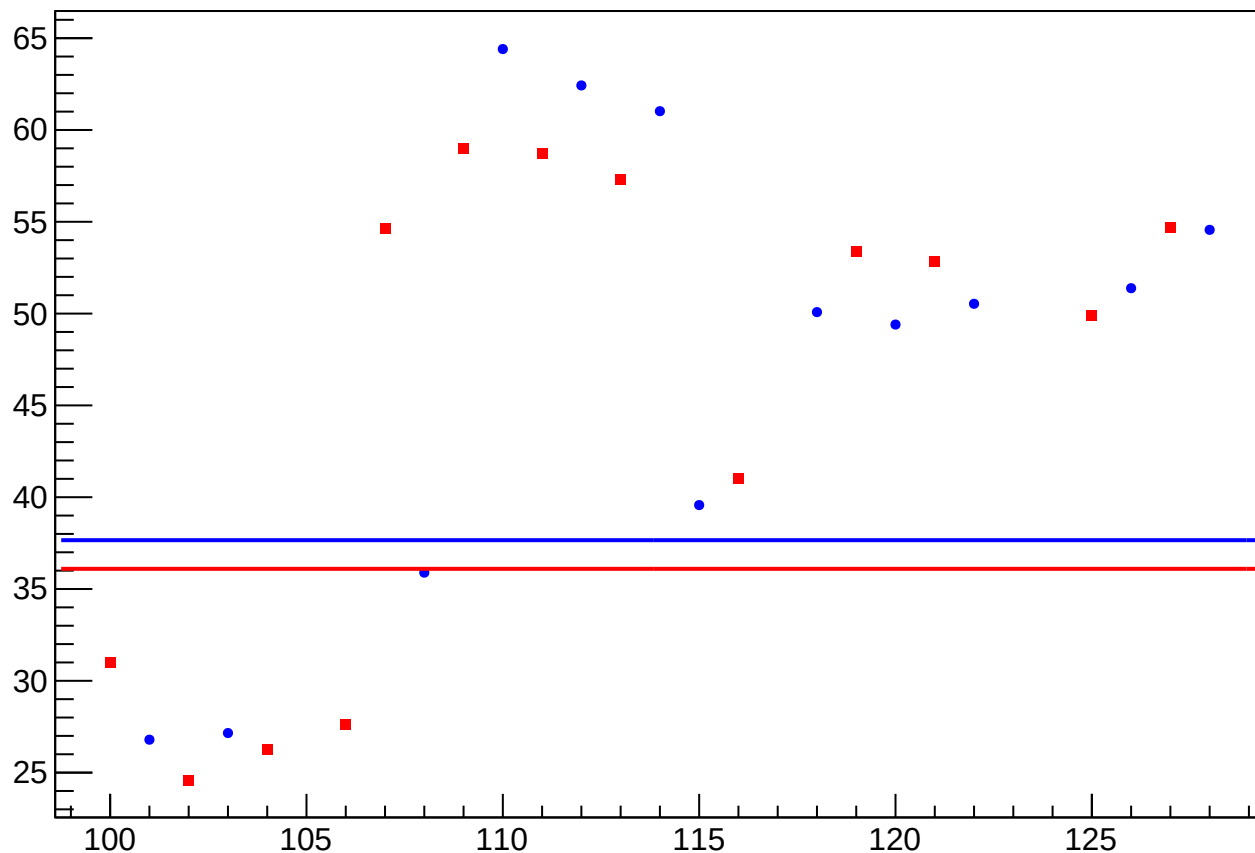
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.001 $\pm$ 0.012 χ^2 /NDF: 23.2/24

- 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: 37.658+/-0.013 χ^2/NDF : 988537.7/11

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

Right Out: 36.099+/-0.012 χ^2/NDF : 1300584.8/12

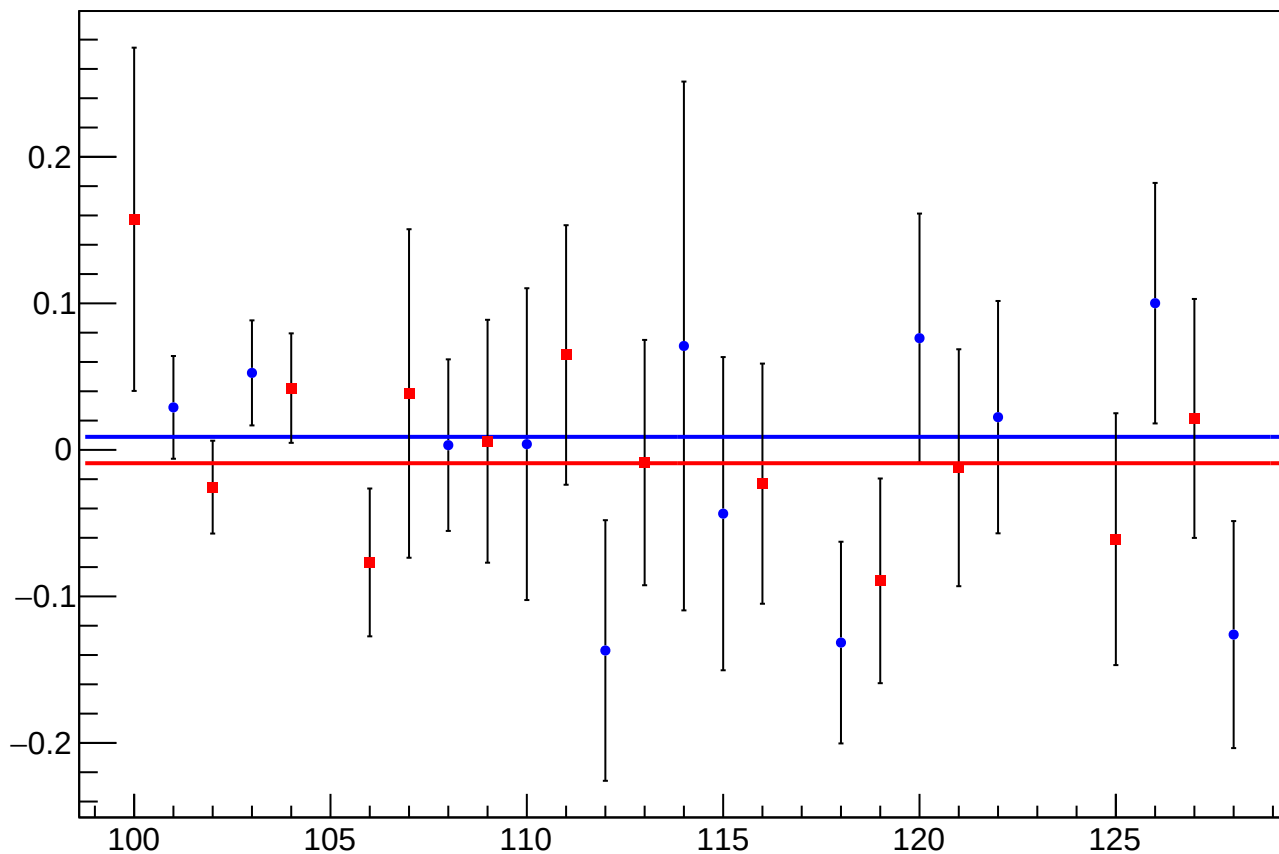
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.828+/-0.009 χ^2/NDF : 2296998.0/24

- 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: 14.0/11

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

Right Out: -0.009 $\pm$ 0.017 χ^2 /NDF: 8.7/12

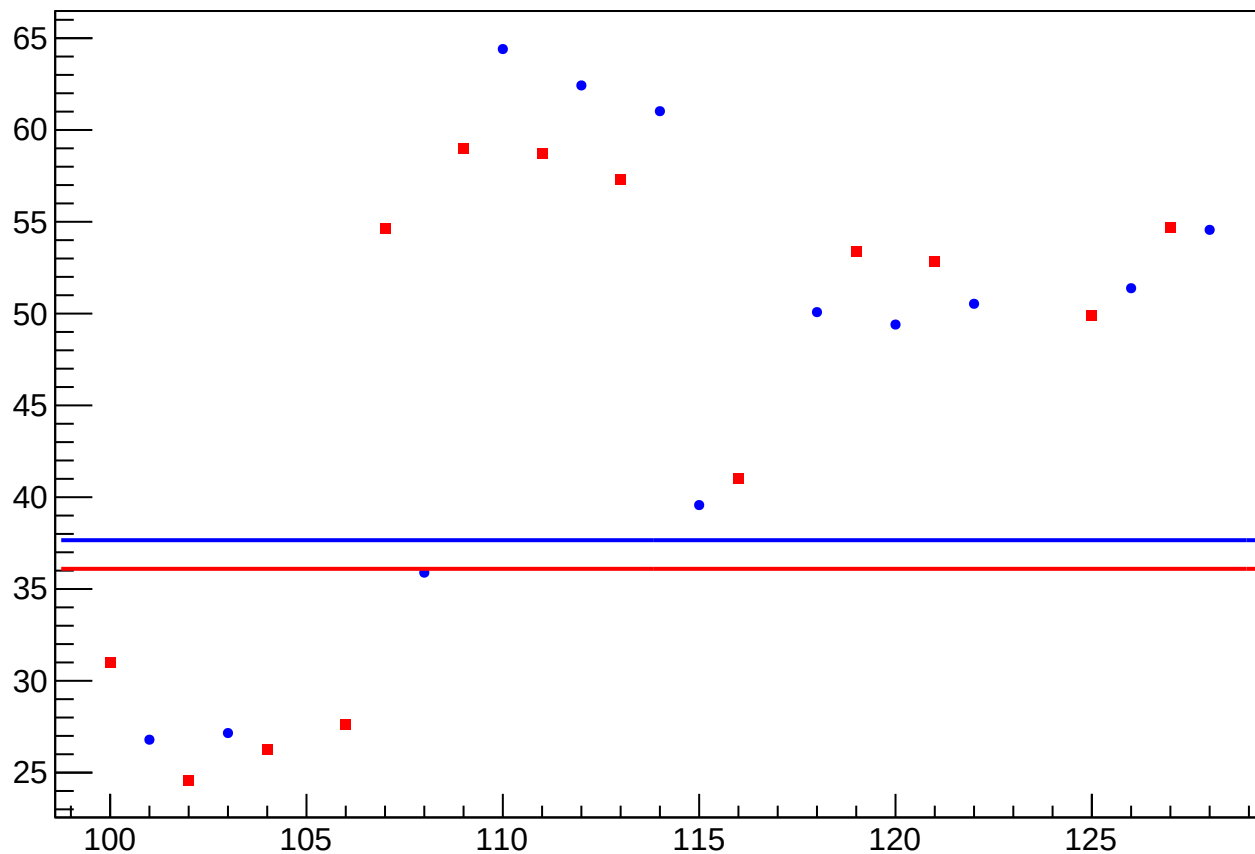
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.001 $\pm$ 0.012 χ^2 /NDF: 23.2/24

- 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: 37.658+/-0.013 χ^2/NDF : 988537.7/11

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

Right Out: 36.099+/-0.012 χ^2/NDF : 1300584.8/12

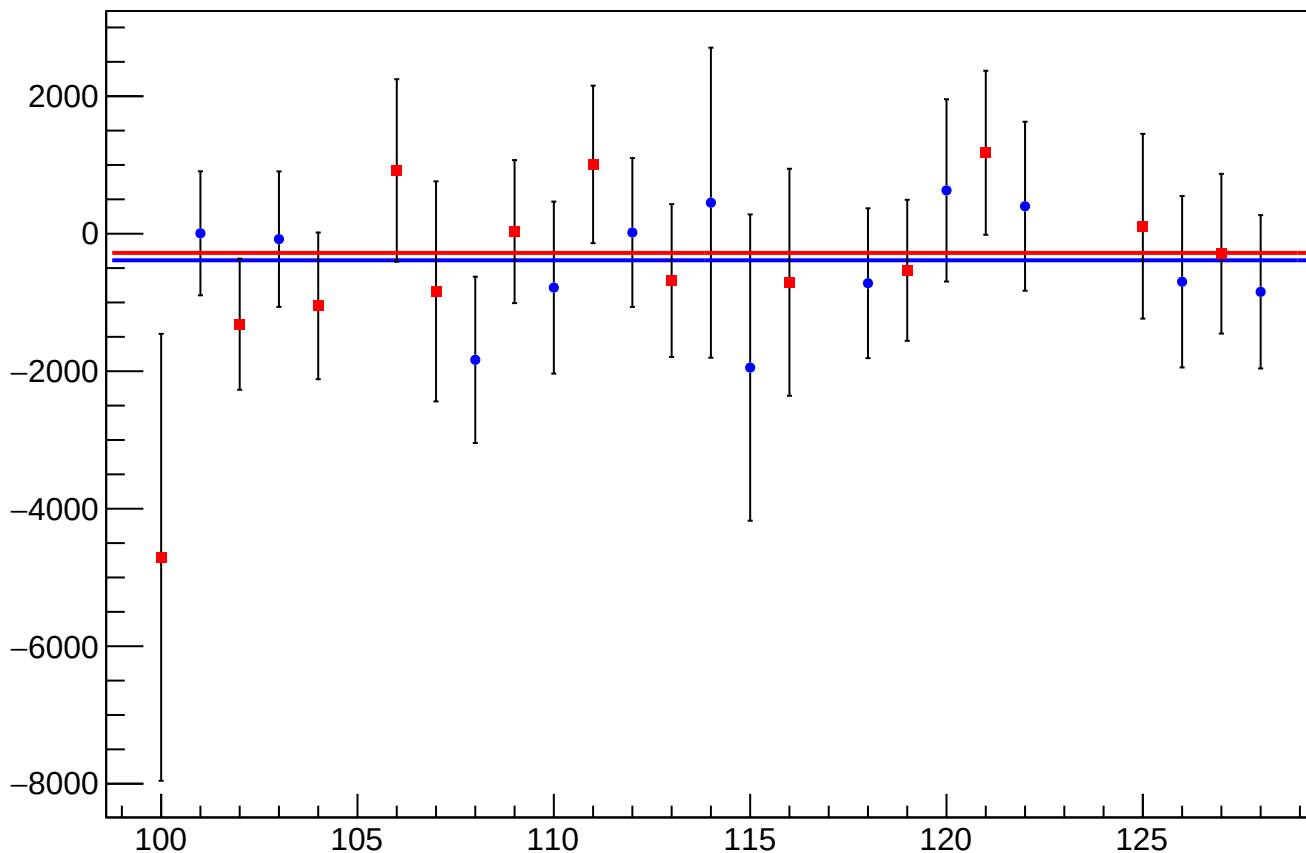
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.828+/-0.009 χ^2/NDF : 2296998.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_mean vs Slug



Right In: -386.635+/-345.999 χ^2 /NDF: 3.9/11

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

Right Out: -278.940+/-336.303 χ^2 /NDF: 7.7/12

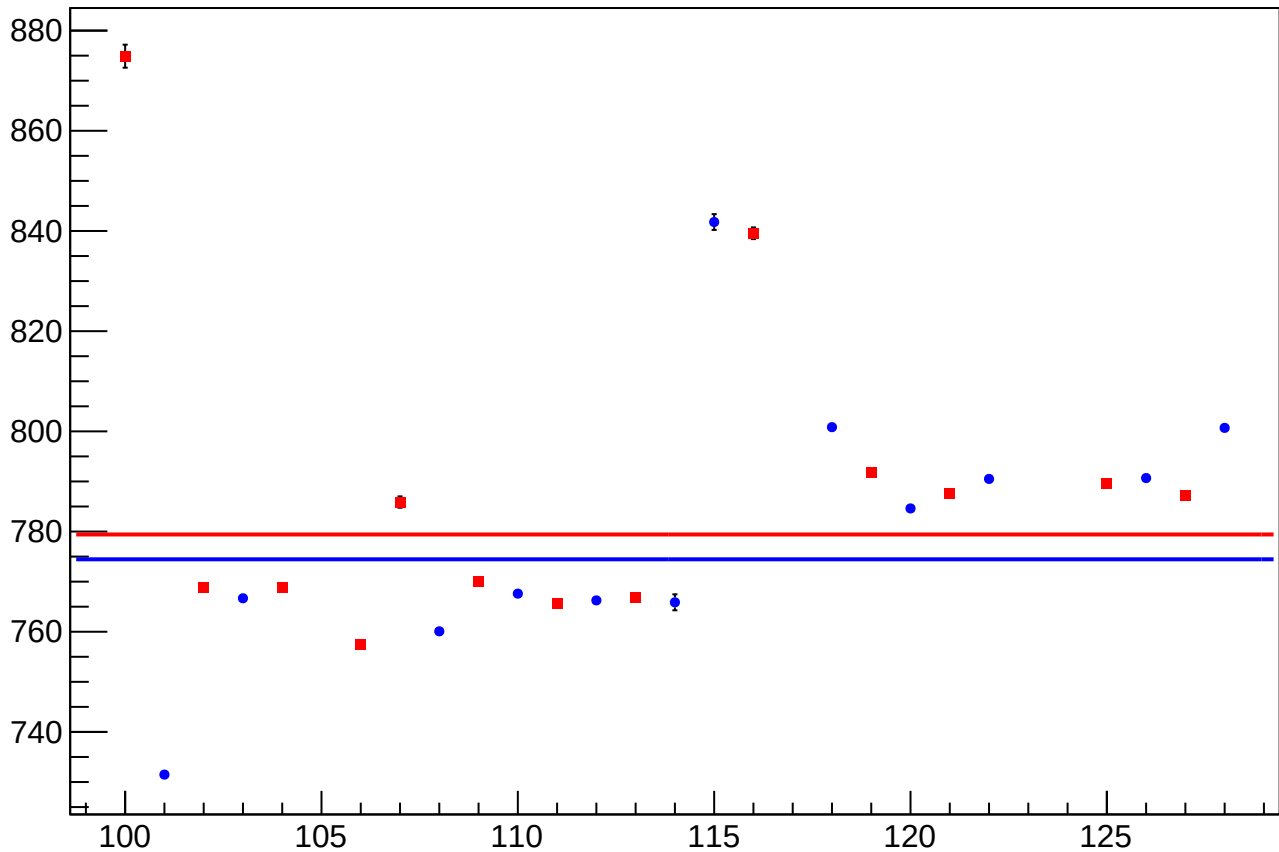
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -331.258+/-241.157 χ^2 /NDF: 11.6/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_rms vs Slug



Right In: 774.460+/-0.245 χ^2/NDF : 10054.2/11

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

Right Out: 779.417+/-0.238 χ^2/NDF : 6694.7/12

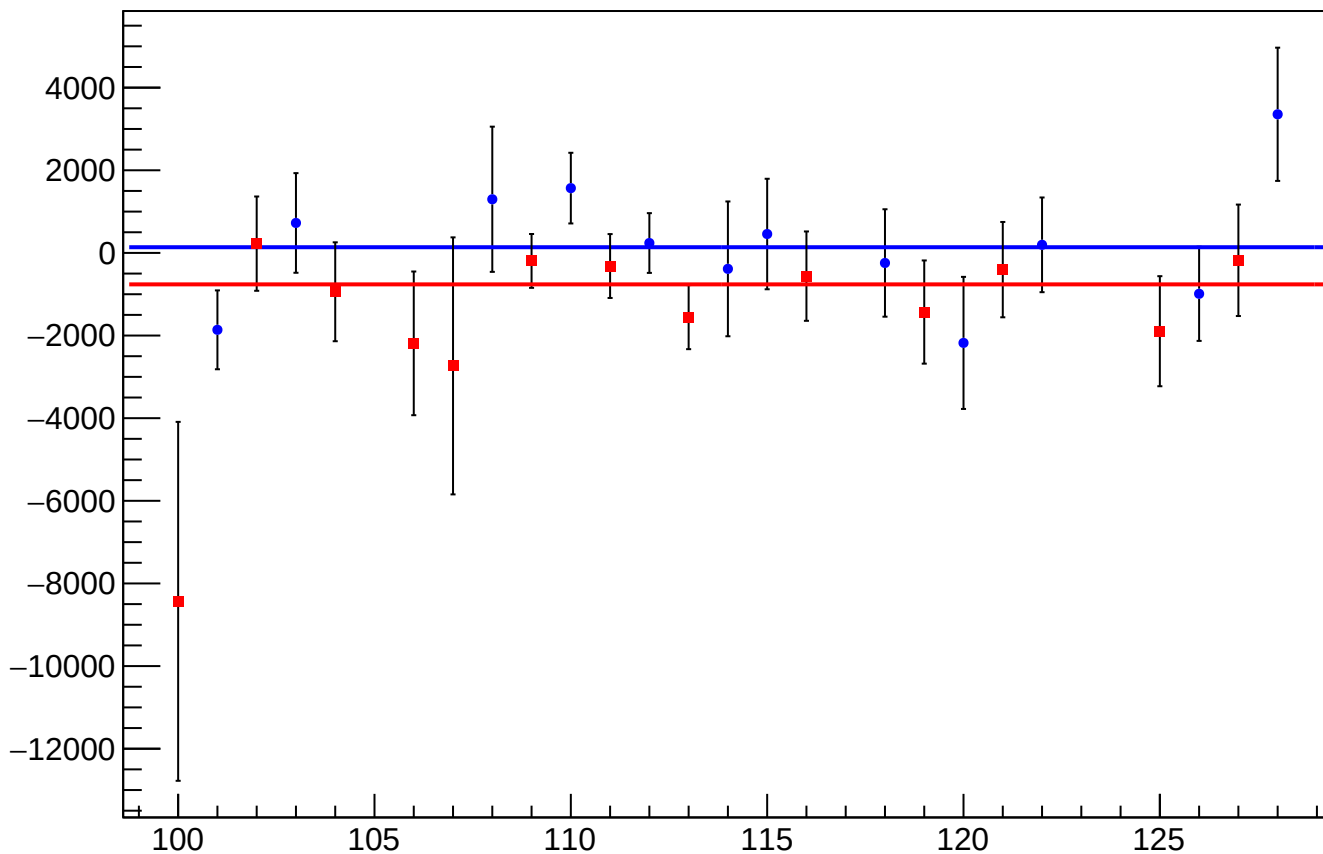
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 777.009+/-0.171 χ^2/NDF : 16960.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_reg_correction_mean vs Slug



Right In: 137.816 $\pm$ 329.288 χ^2 /NDF: 15.2/11

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

Right Out: -761.299 $\pm$ 301.421 χ^2 /NDF: 8.4/12

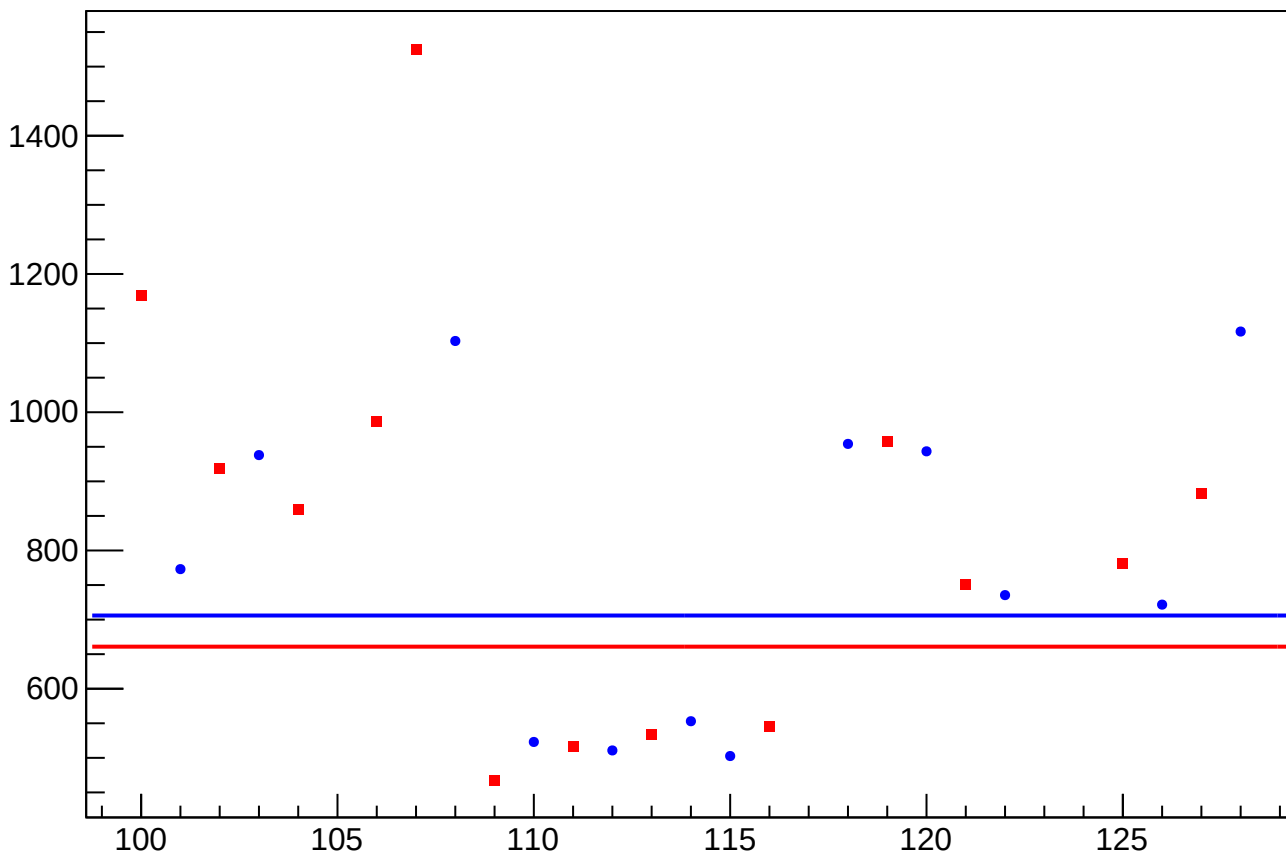
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -351.390 $\pm$ 222.337 χ^2 /NDF: 27.7/24

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

asym_us_dd_reg_correction_rms vs Slug



Right In: 705.915 ± 0.233 χ^2/NDF : 735791.9/11

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

Right Out: 660.869 ± 0.213 χ^2/NDF : 928136.1/12

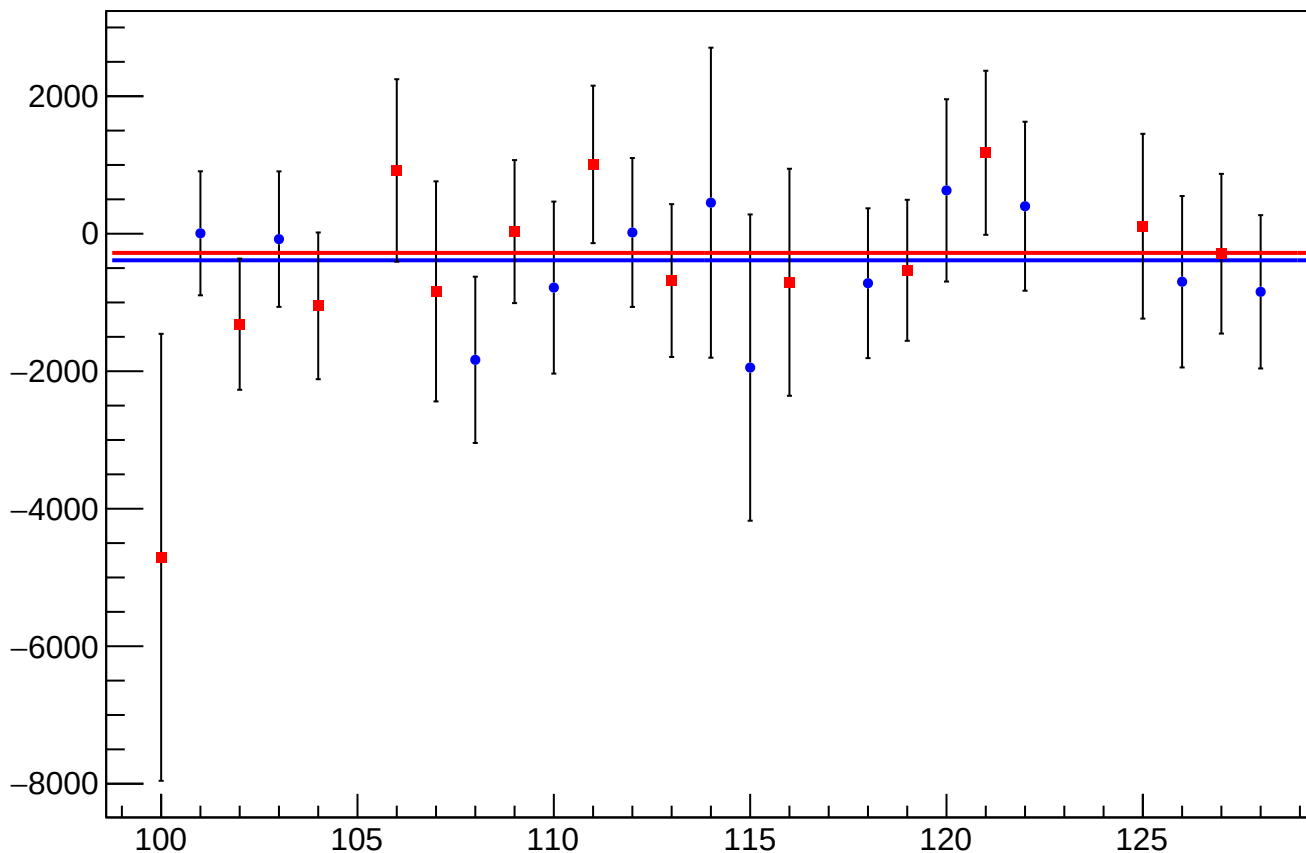
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 681.405 ± 0.157 χ^2/NDF : 1684291.9/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_mean vs Slug



Right In: -386.635+/-345.999 χ^2 /NDF: 3.9/11

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

Right Out: -278.940+/-336.303 χ^2 /NDF: 7.7/12

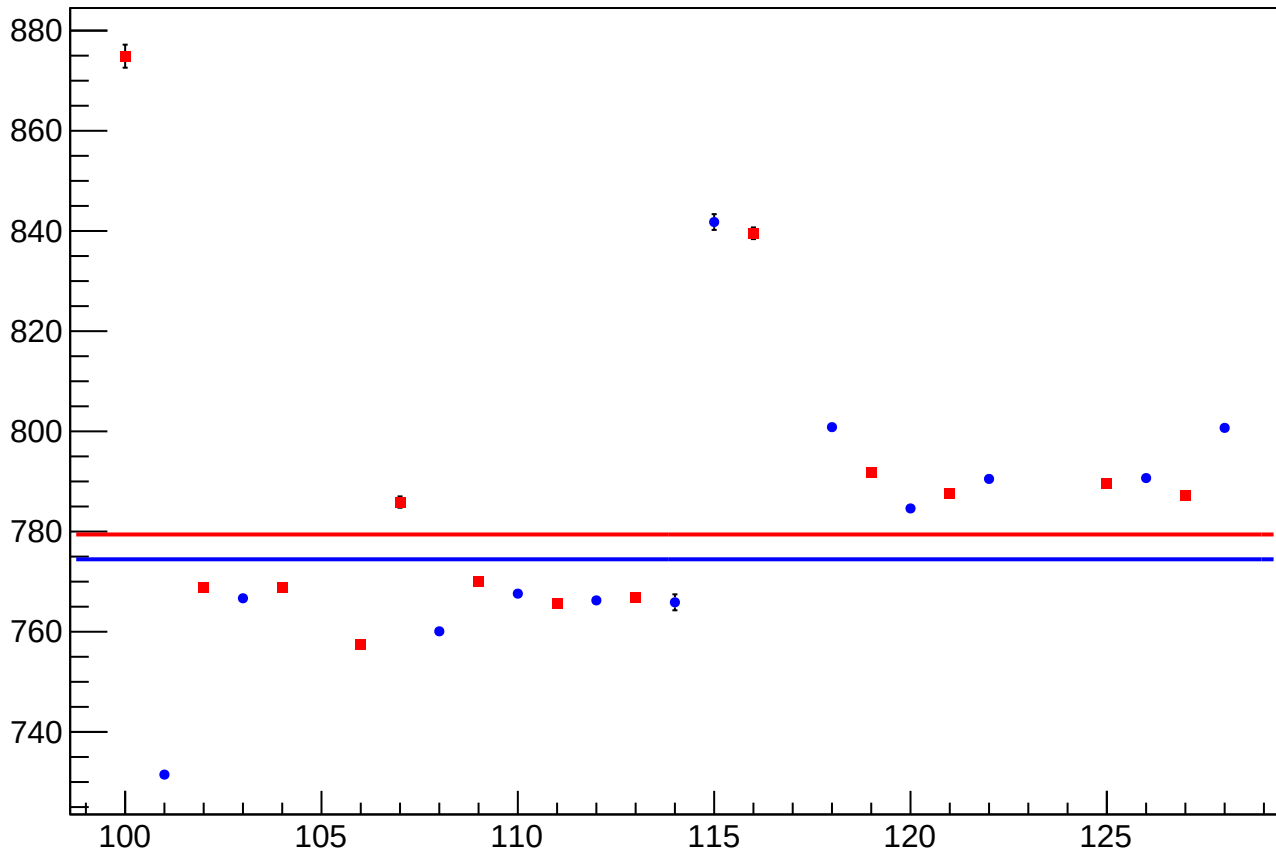
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -331.258+/-241.157 χ^2 /NDF: 11.6/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_rms vs Slug



Right In: 774.460 $\pm$ 0.245 χ^2 /NDF: 10054.2/11

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

Right Out: 779.417 $\pm$ 0.238 χ^2 /NDF: 6694.7/12

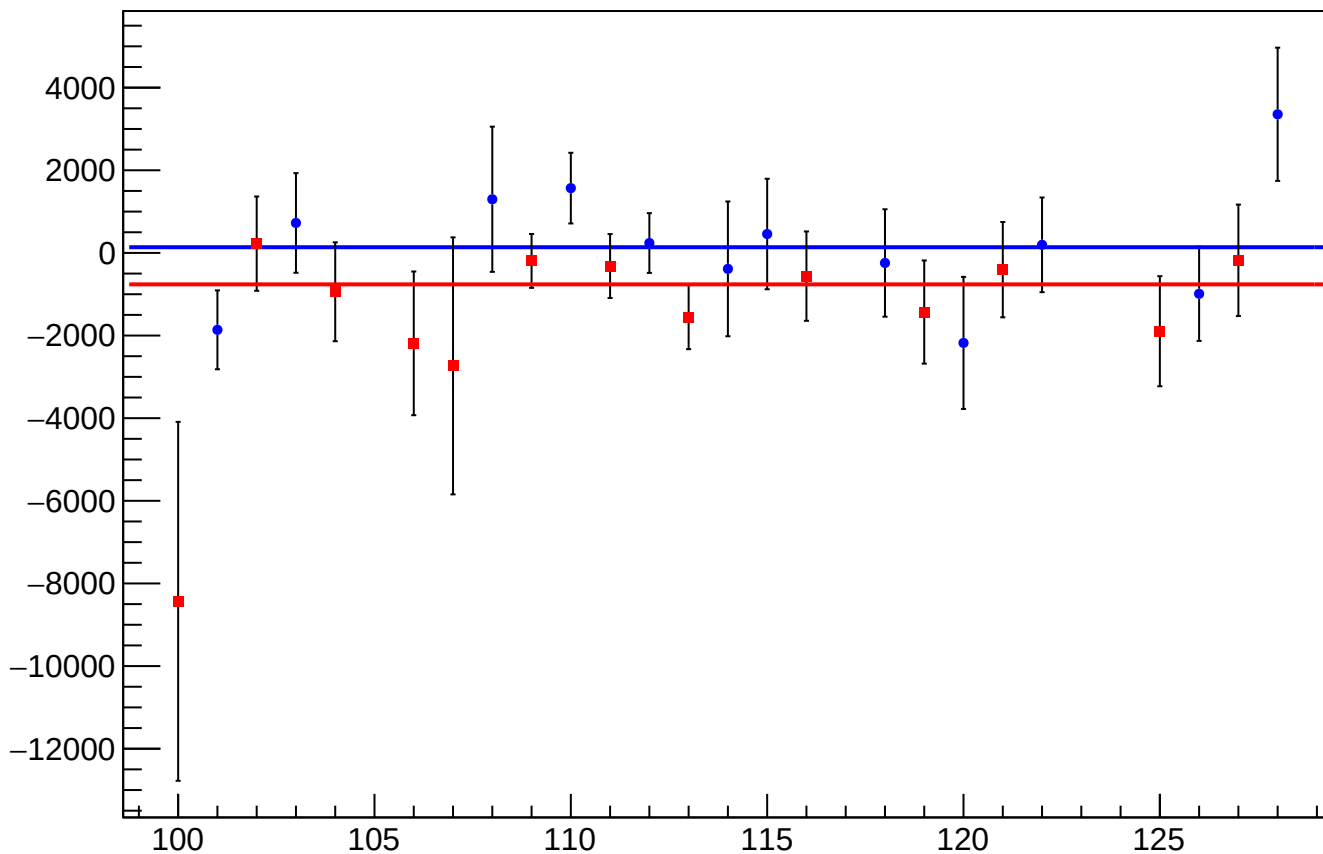
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 777.009 $\pm$ 0.171 χ^2 /NDF: 16960.0/24

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

asym_us_dd_cor_correction_mean vs Slug



Right In: 137.816 $\pm$ 329.288 χ^2 /NDF: 15.2/11

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

Right Out: -761.299 $\pm$ 301.421 χ^2 /NDF: 8.4/12

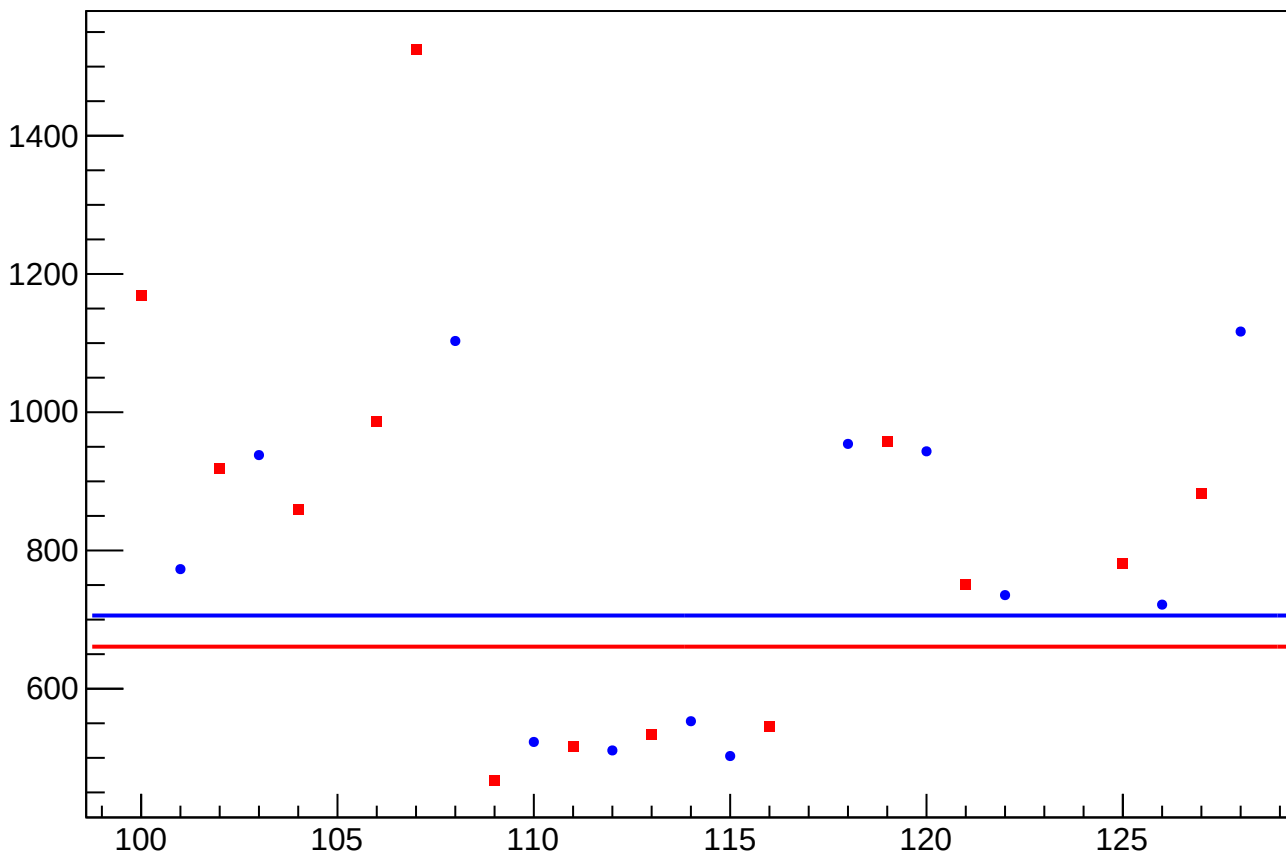
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -351.390 $\pm$ 222.337 χ^2 /NDF: 27.7/24

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

asym_us_dd_cor_correction_rms vs Slug



Right In: 705.915+/-0.233 χ^2/NDF : 735791.9/11

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

Right Out: 660.869+/-0.213 χ^2/NDF : 928136.1/12

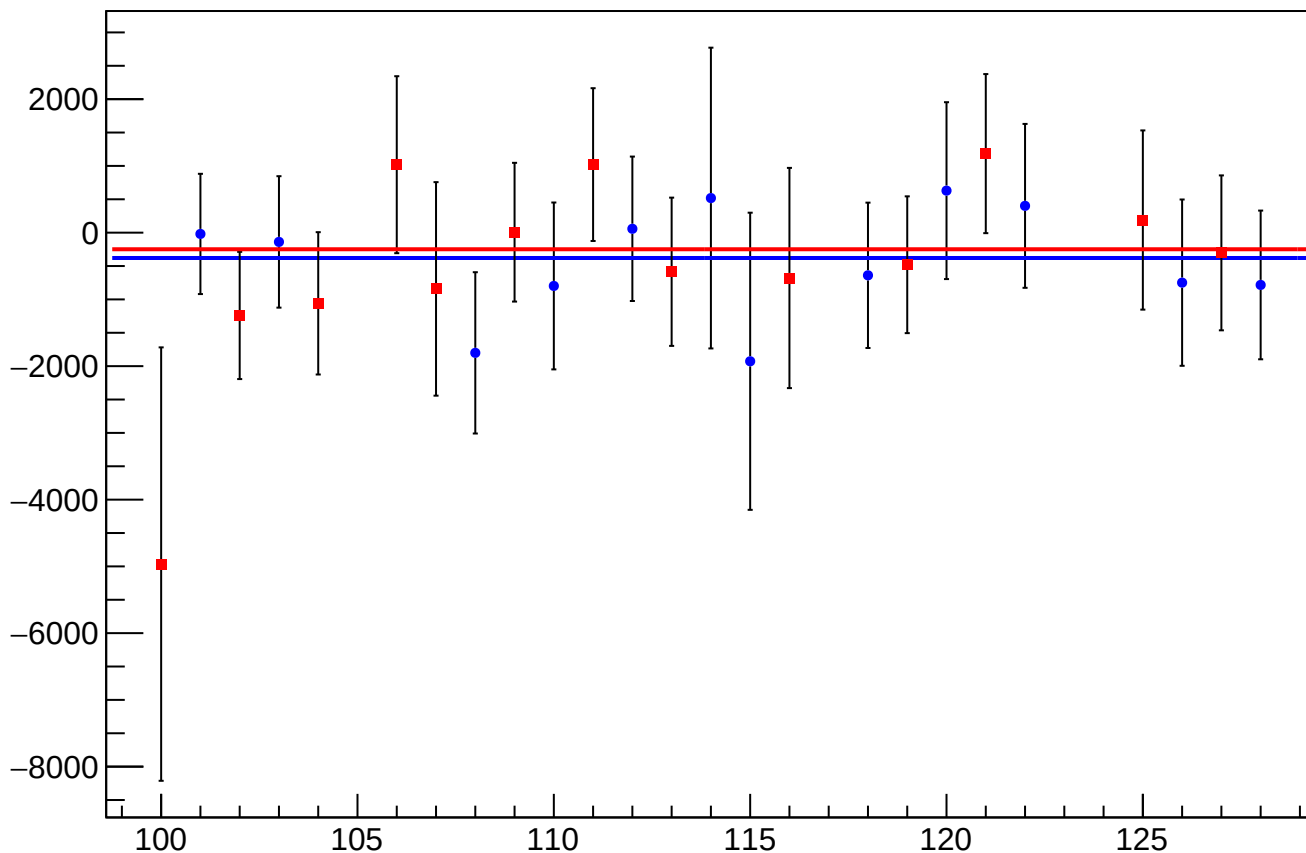
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 681.405+/-0.157 χ^2/NDF : 1684291.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

overload_cor_asym_us_dd_mean vs Slug



Right In: -379.586 ± 345.674 χ^2/NDF : 3.8/11

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

Right Out: -248.618 ± 336.016 χ^2/NDF : 7.9/12

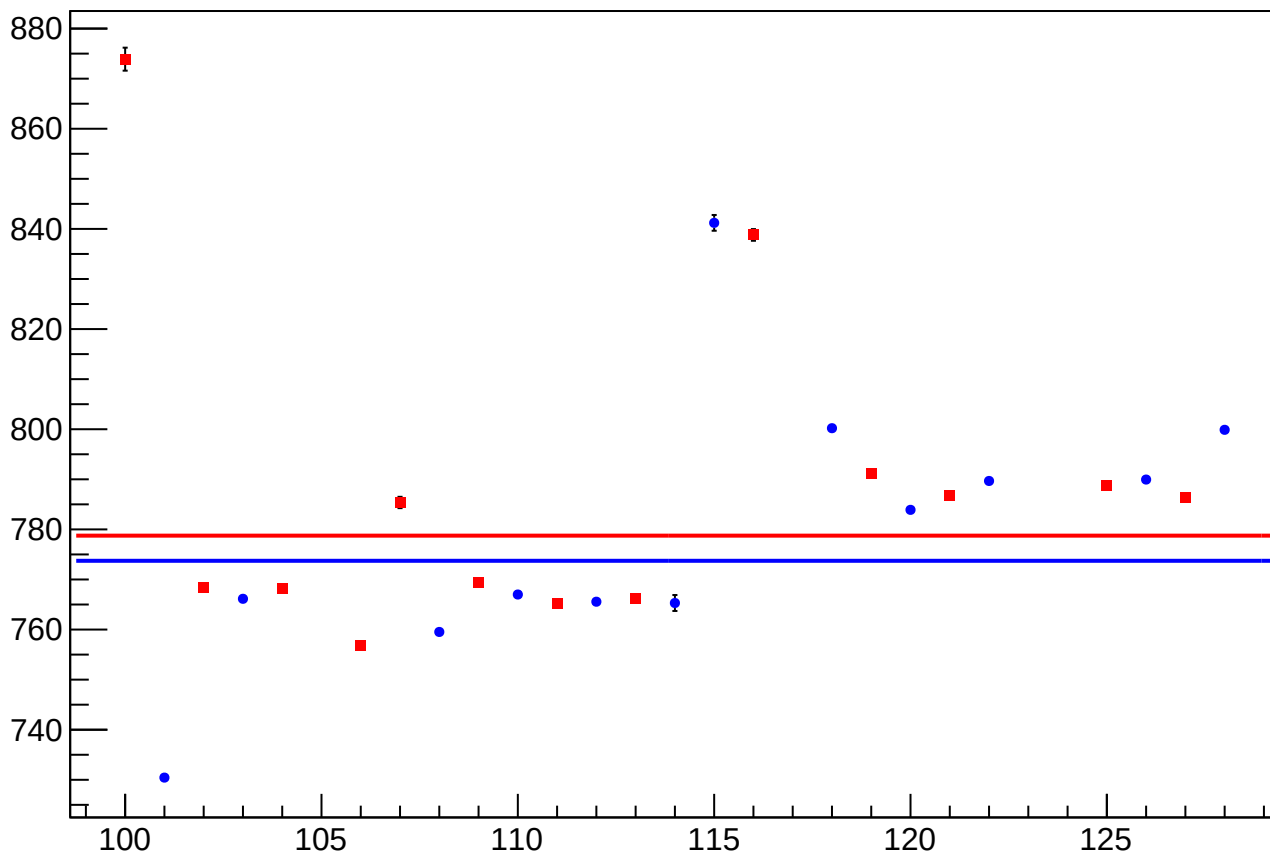
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -312.247 ± 240.941 χ^2/NDF : 11.7/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

overload_cor_asym_us_dd_rms vs Slug



Right In: 773.731+/-0.244 χ^2/NDF : 10132.3/11

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

Right Out: 778.753+/-0.238 χ^2/NDF : 6666.6/12

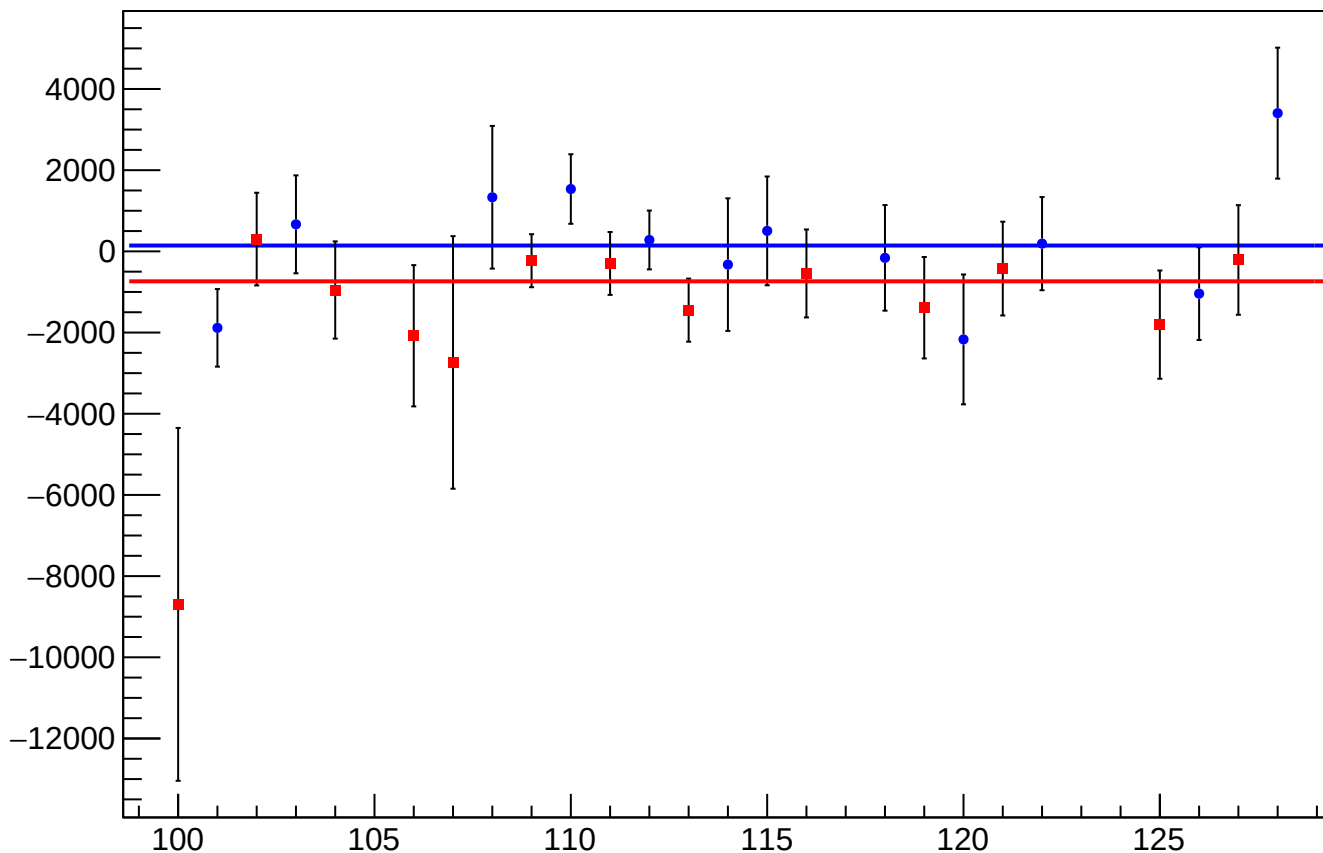
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 776.313+/-0.170 χ^2/NDF : 17016.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_overload_cor_correction_mean vs Slug



Right In: 143.779 $\pm$ 329.734 χ^2 /NDF: 15.3/11

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

Right Out: -738.095 $\pm$ 301.879 χ^2 /NDF: 8.2/12

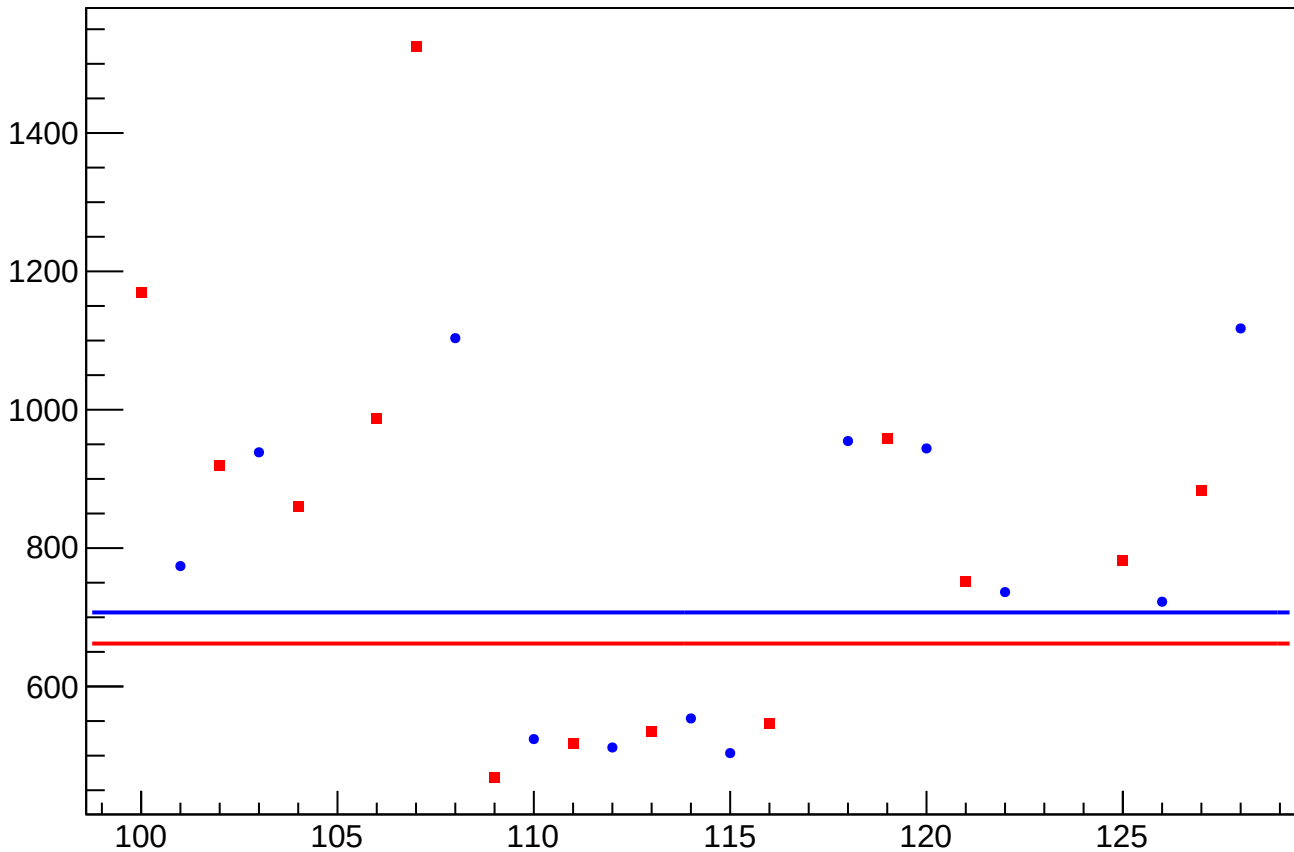
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -335.974 $\pm$ 222.658 χ^2 /NDF: 27.3/24

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

asym_us_dd_overload_cor_correction_rms vs Slug



Right In: 706.990+/-0.233 χ^2/NDF : 732973.0/11

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

Right Out: 662.028+/-0.213 χ^2/NDF : 924351.4/12

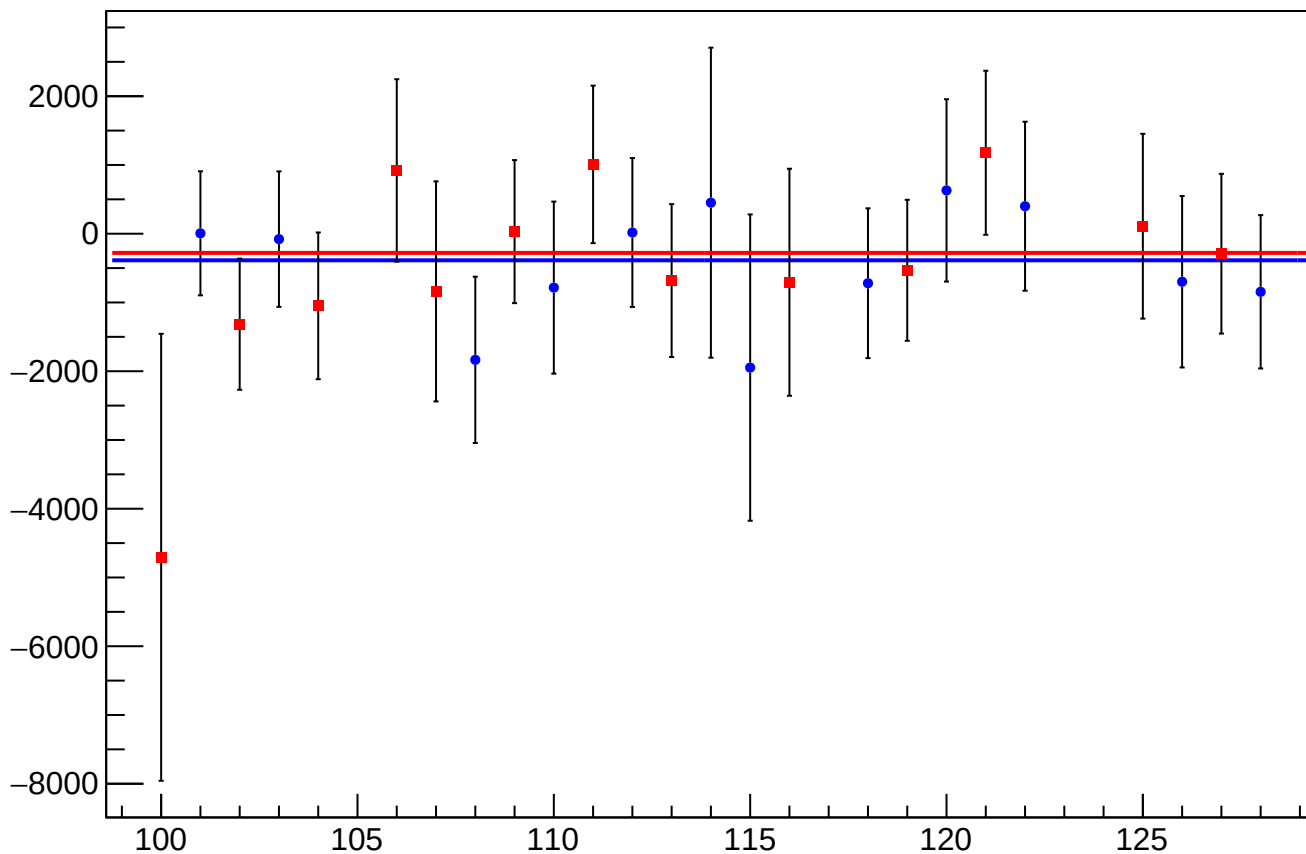
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 682.530+/-0.157 χ^2/NDF : 1677554.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_mean vs Slug



Right In: -386.635 ± 345.999 χ^2/NDF : 3.9/11

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

Right Out: -278.940 ± 336.303 χ^2/NDF : 7.7/12

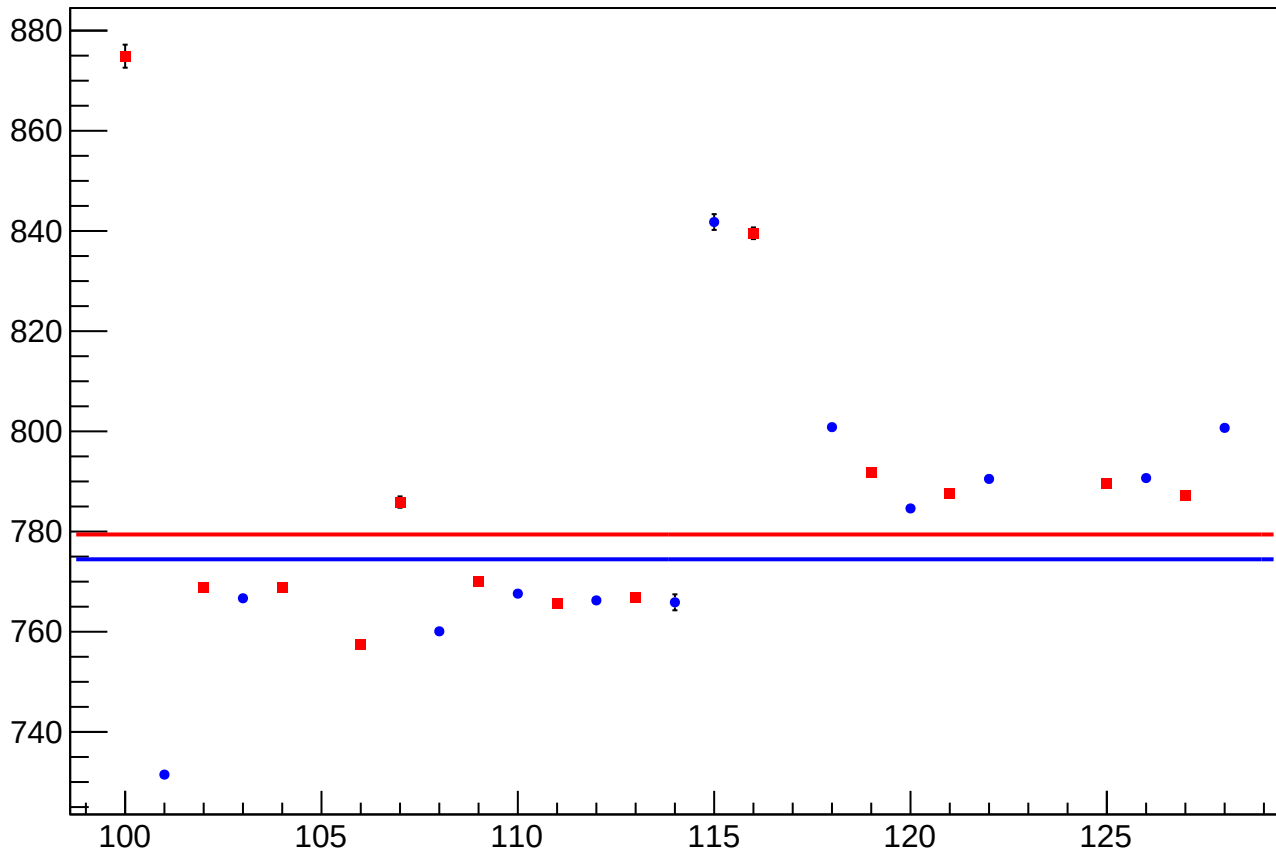
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -331.258 ± 241.157 χ^2/NDF : 11.6/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_rms vs Slug



Right In: 774.460 $\pm$ 0.245 χ^2 /NDF: 10054.2/11

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

Right Out: 779.417 $\pm$ 0.238 χ^2 /NDF: 6694.7/12

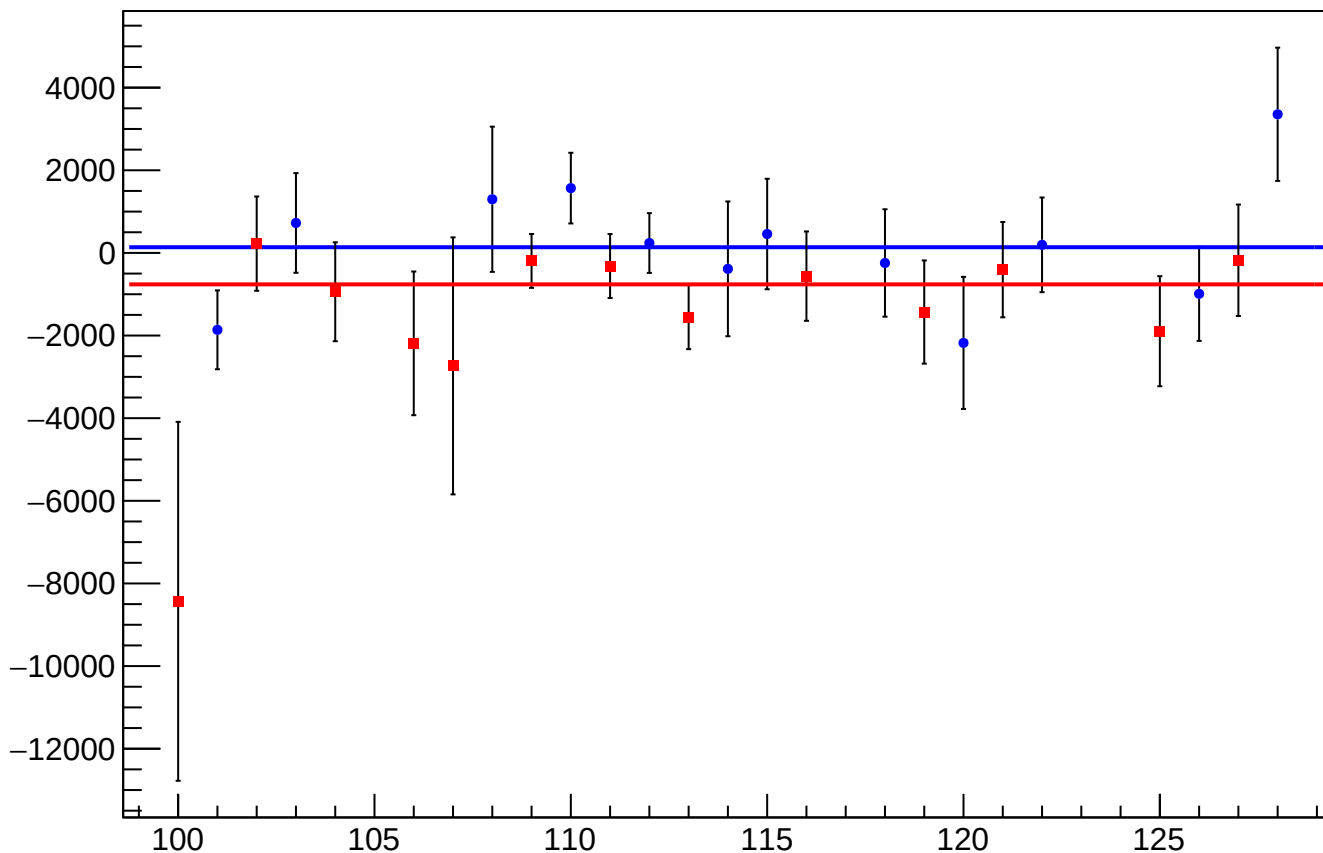
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 777.009 $\pm$ 0.171 χ^2 /NDF: 16960.0/24

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

asym_us_dd_eigen_cor_correction_mean vs Slug



Right In: 137.816+/-329.288 χ^2/NDF : 15.2/11

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

Right Out: -761.299+/-301.421 χ^2/NDF : 8.4/12

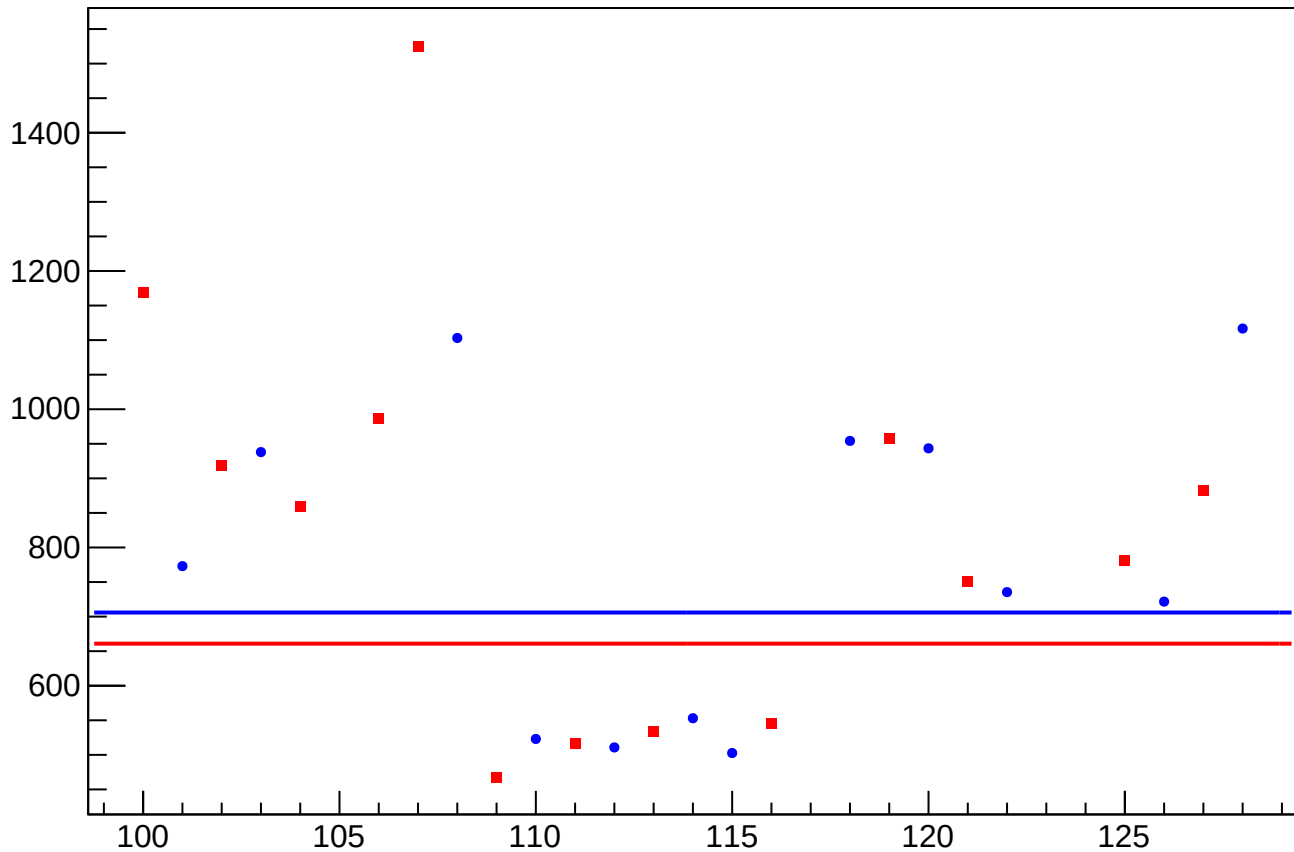
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -351.390+/-222.337 χ^2/NDF : 27.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_cor_correction_rms vs Slug



Right In: 705.915+/-0.233 χ^2/NDF : 735791.9/11

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

Right Out: 660.869+/-0.213 χ^2/NDF : 928136.1/12

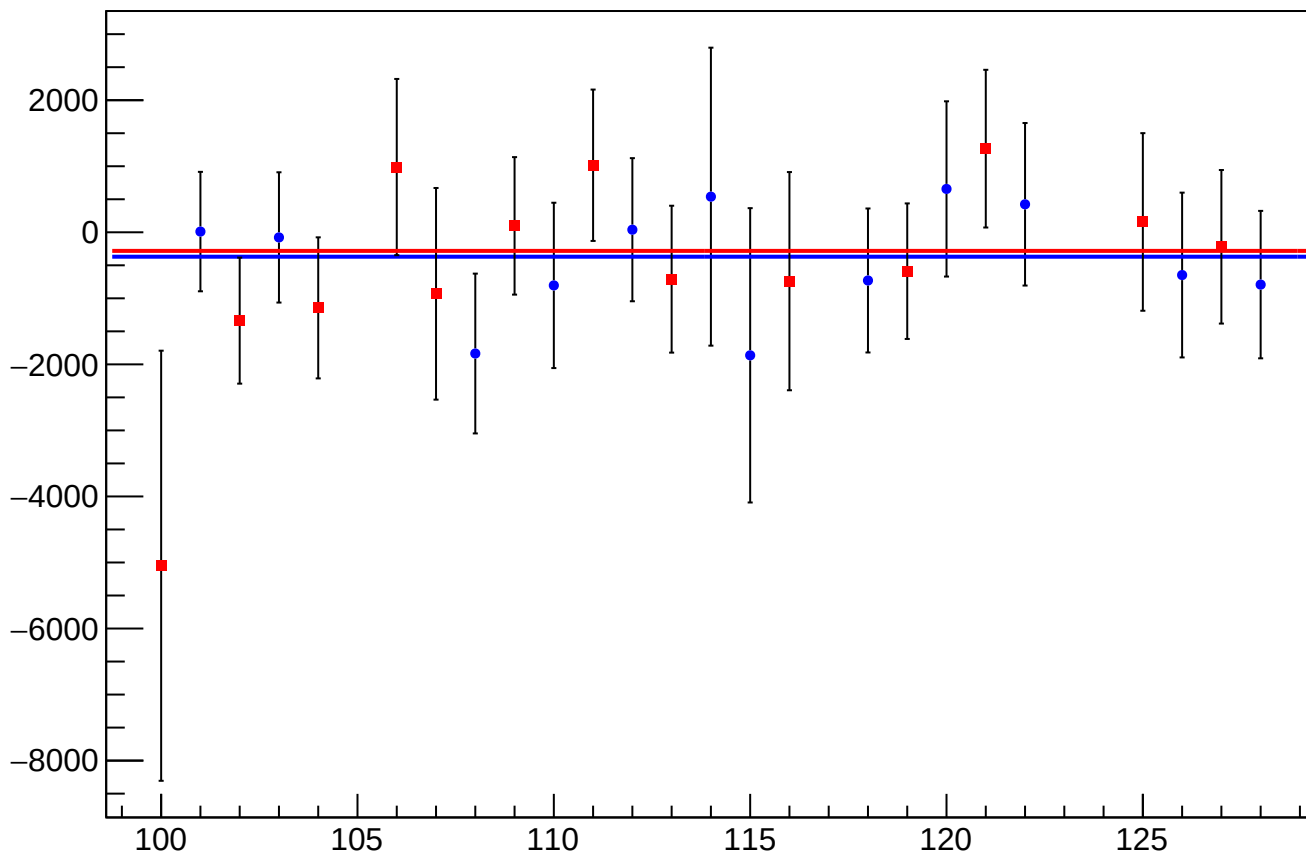
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 681.405+/-0.157 χ^2/NDF : 1684291.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_mean vs Slug



Right In: -369.803 ± 346.349 χ^2/NDF : 3.9/11

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

Right Out: -281.668 ± 336.655 χ^2/NDF : 8.6/12

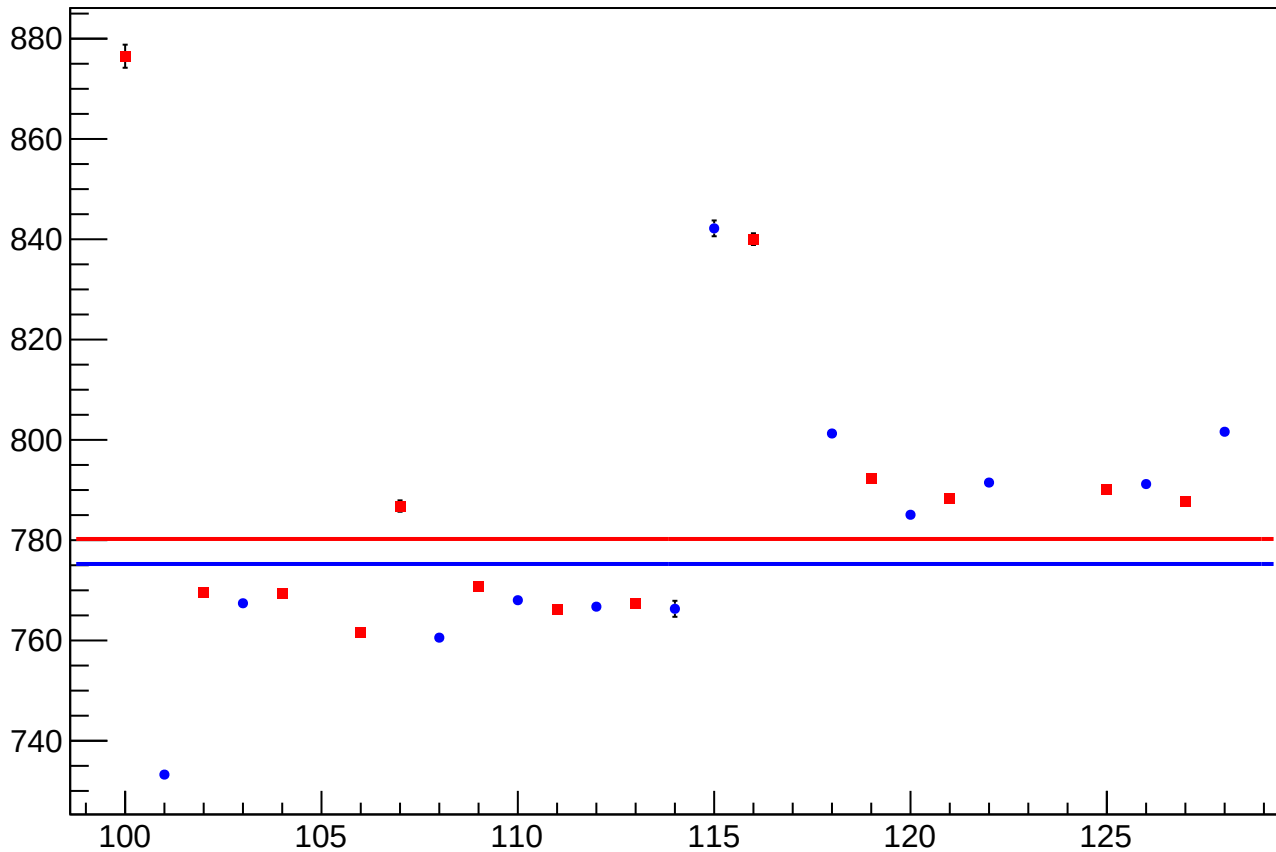
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -324.485 ± 241.405 χ^2/NDF : 12.6/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_rms vs Slug



Right In: 775.253+/-0.245 χ^2/NDF : 9798.1/11

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

Right Out: 780.239+/-0.238 χ^2/NDF : 6552.9/12

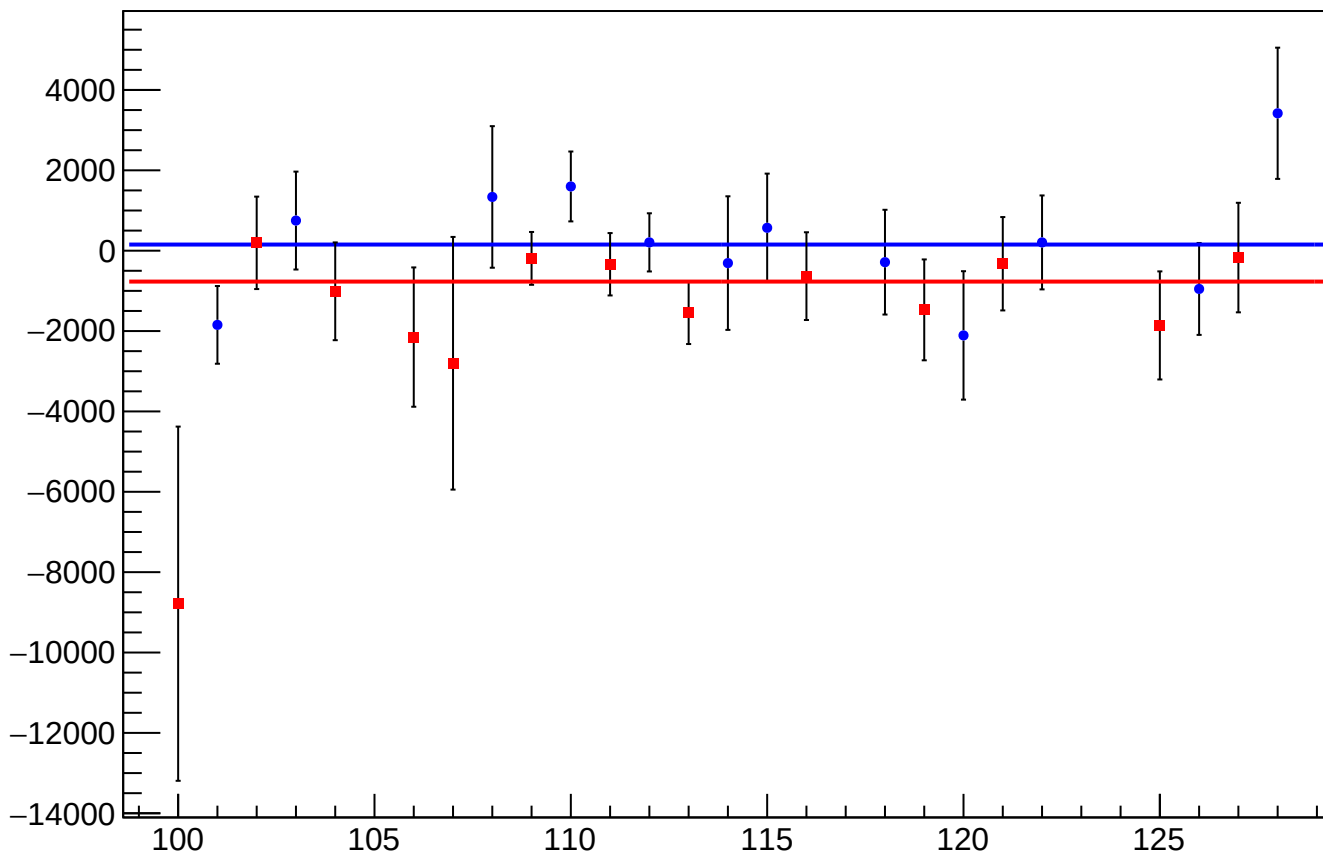
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 777.817+/-0.171 χ^2/NDF : 16564.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_dit_correction_mean vs Slug



Right In: 152.758 $\pm$ 332.230 χ^2 /NDF: 15.0/11

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

Right Out: -768.745 $\pm$ 303.954 χ^2 /NDF: 8.5/12

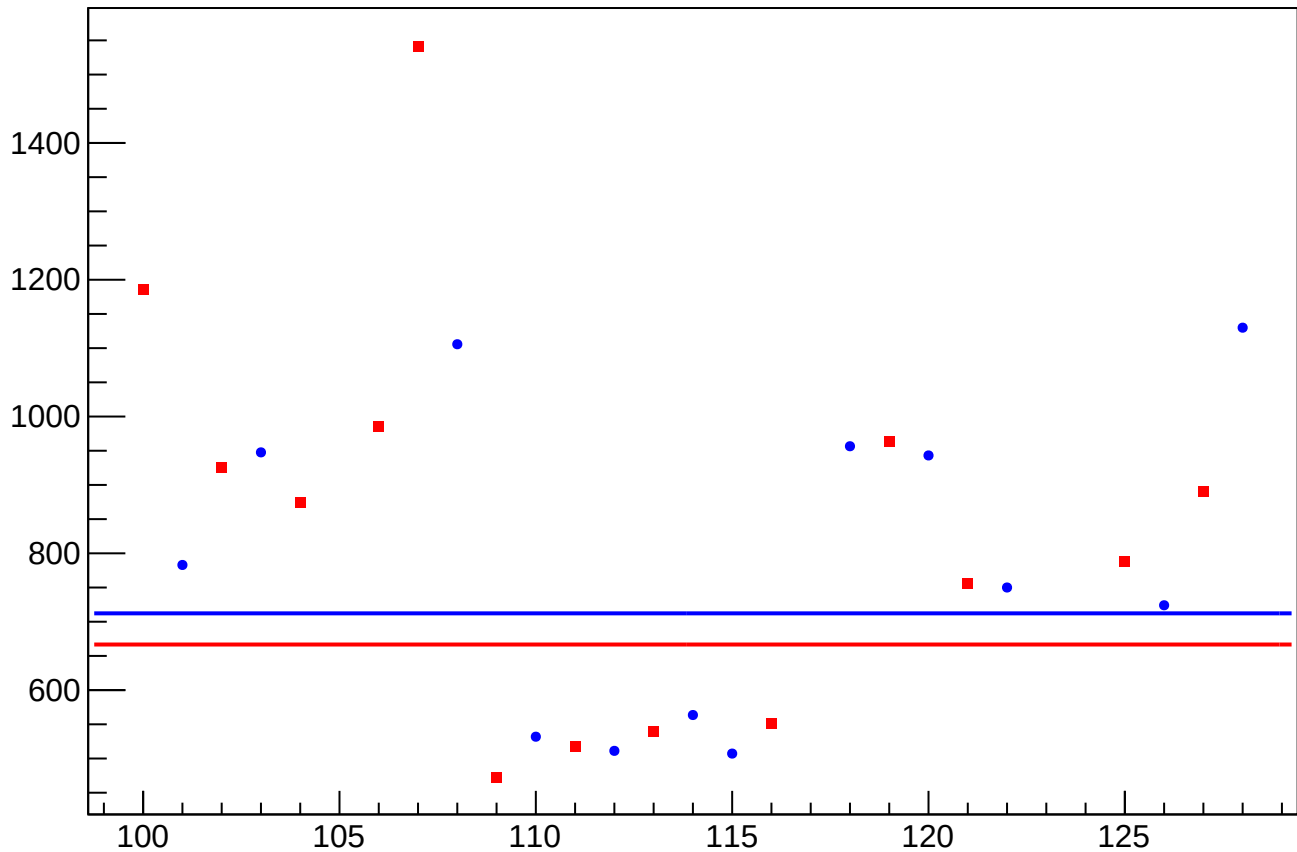
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -348.871 $\pm$ 224.259 χ^2 /NDF: 27.6/24

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

asym_us_dd_dit_correction_rms vs Slug



Right In: 712.245+/-0.235 χ^2/NDF : 732886.7/11

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

Right Out: 666.673+/-0.215 χ^2/NDF : 927777.5/12

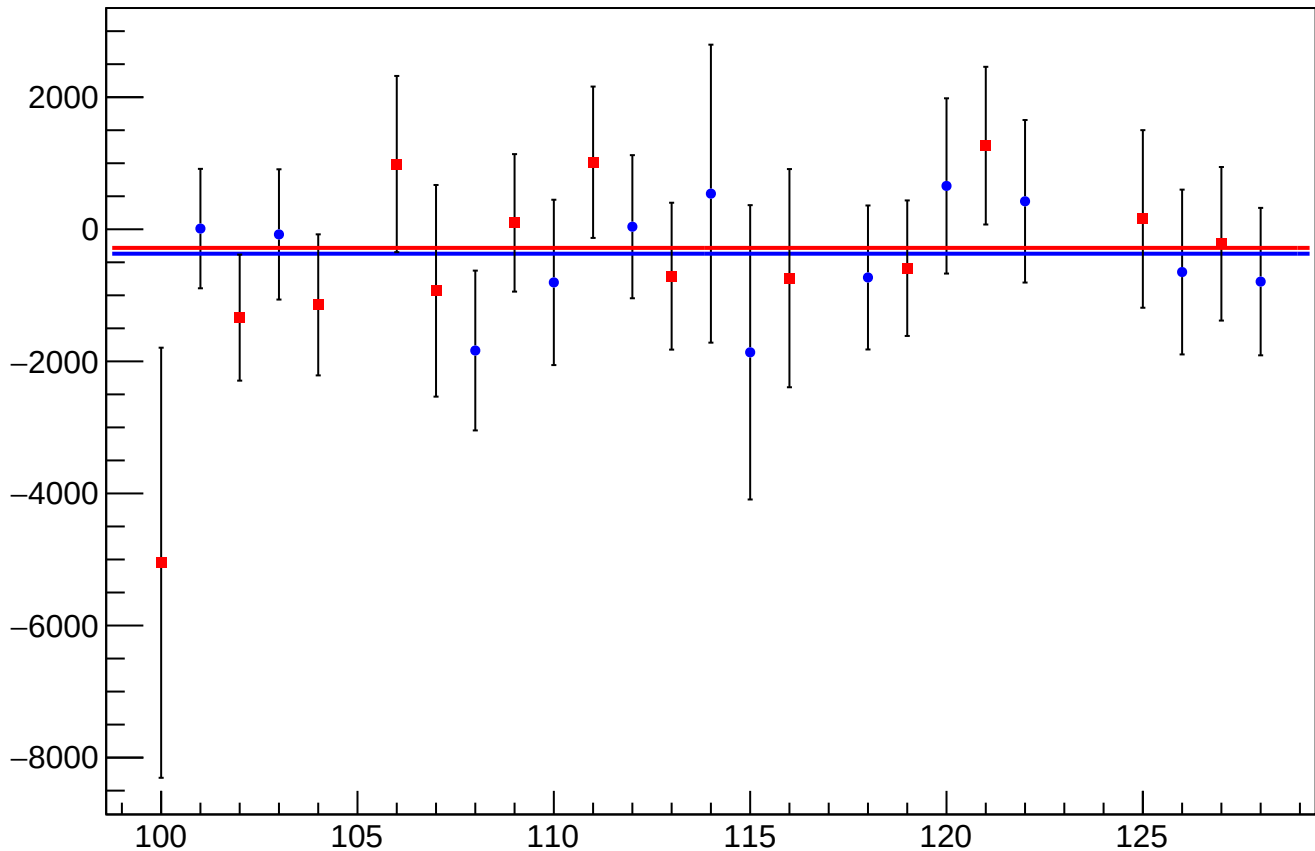
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 687.438+/-0.159 χ^2/NDF : 1681149.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_mean vs Slug



Right In: -369.805+/-346.349 χ^2 /NDF: 3.9/11

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

Right Out: -281.666+/-336.655 χ^2 /NDF: 8.6/12

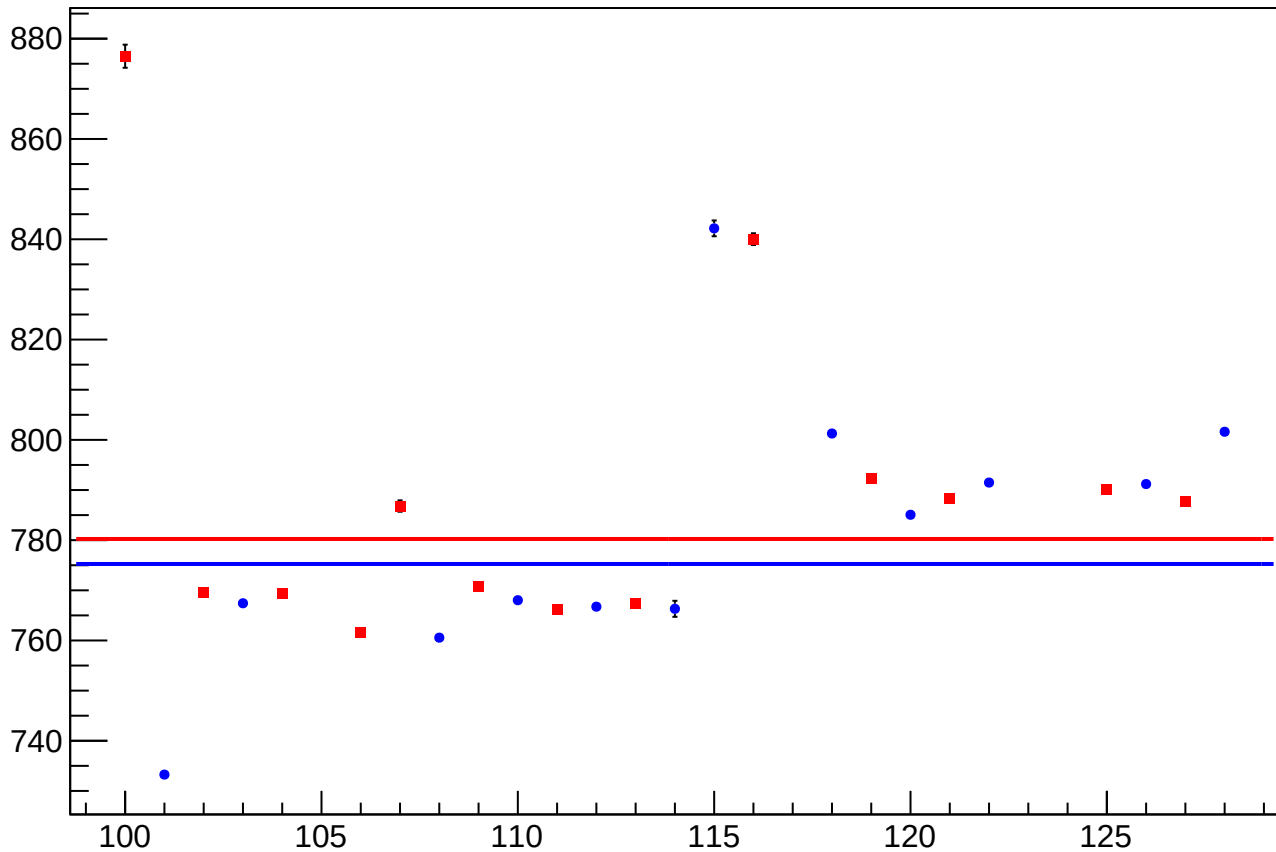
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -324.485+/-241.405 χ^2 /NDF: 12.6/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_rms vs Slug



Right In: 775.253+/-0.245 χ^2/NDF : 9798.0/11

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

Right Out: 780.239+/-0.238 χ^2/NDF : 6552.9/12

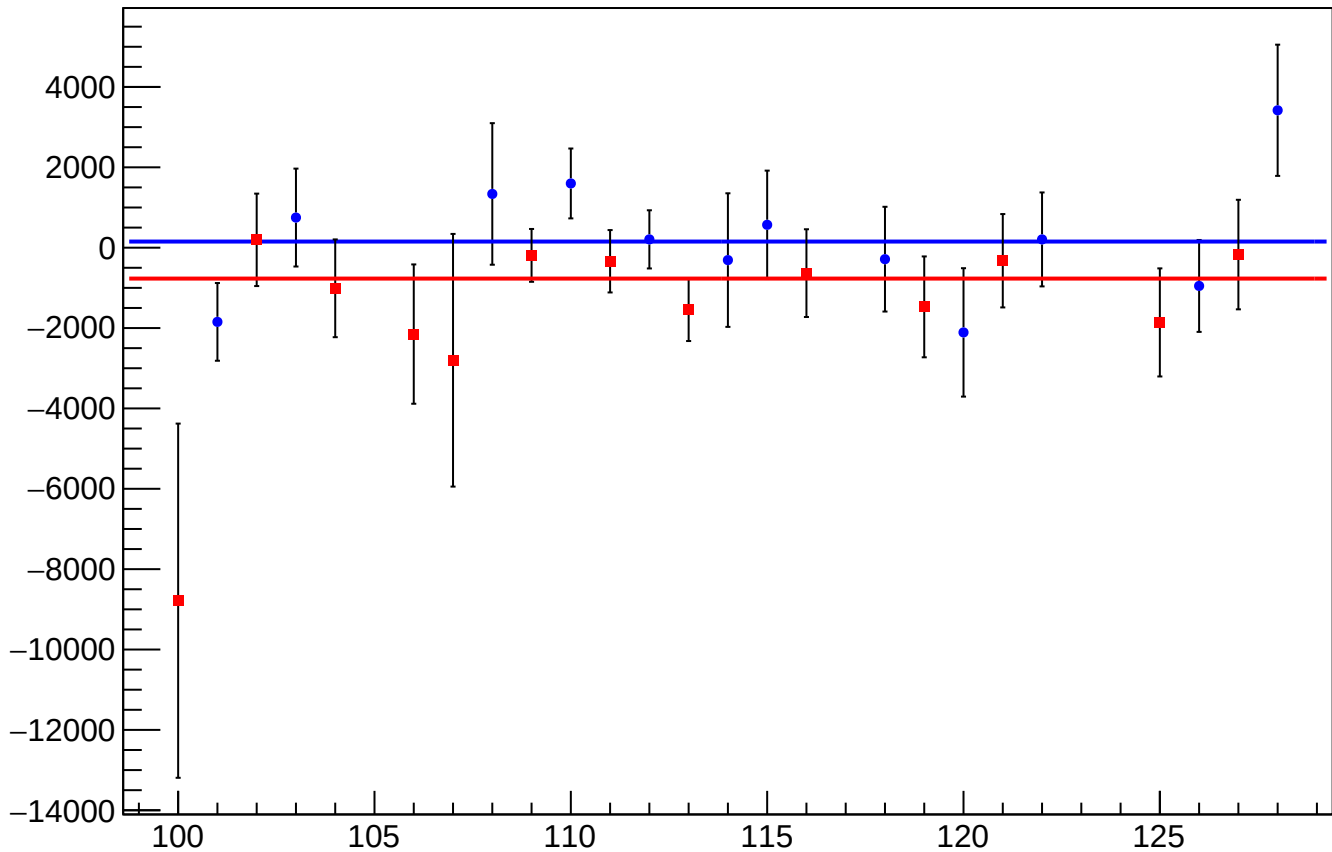
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 777.817+/-0.171 χ^2/NDF : 16564.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_dit_correction_mean vs Slug



Right In: 152.759 $\pm$ 332.228 χ^2 /NDF: 15.0/11

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

Right Out: -768.742 $\pm$ 303.952 χ^2 /NDF: 8.5/12

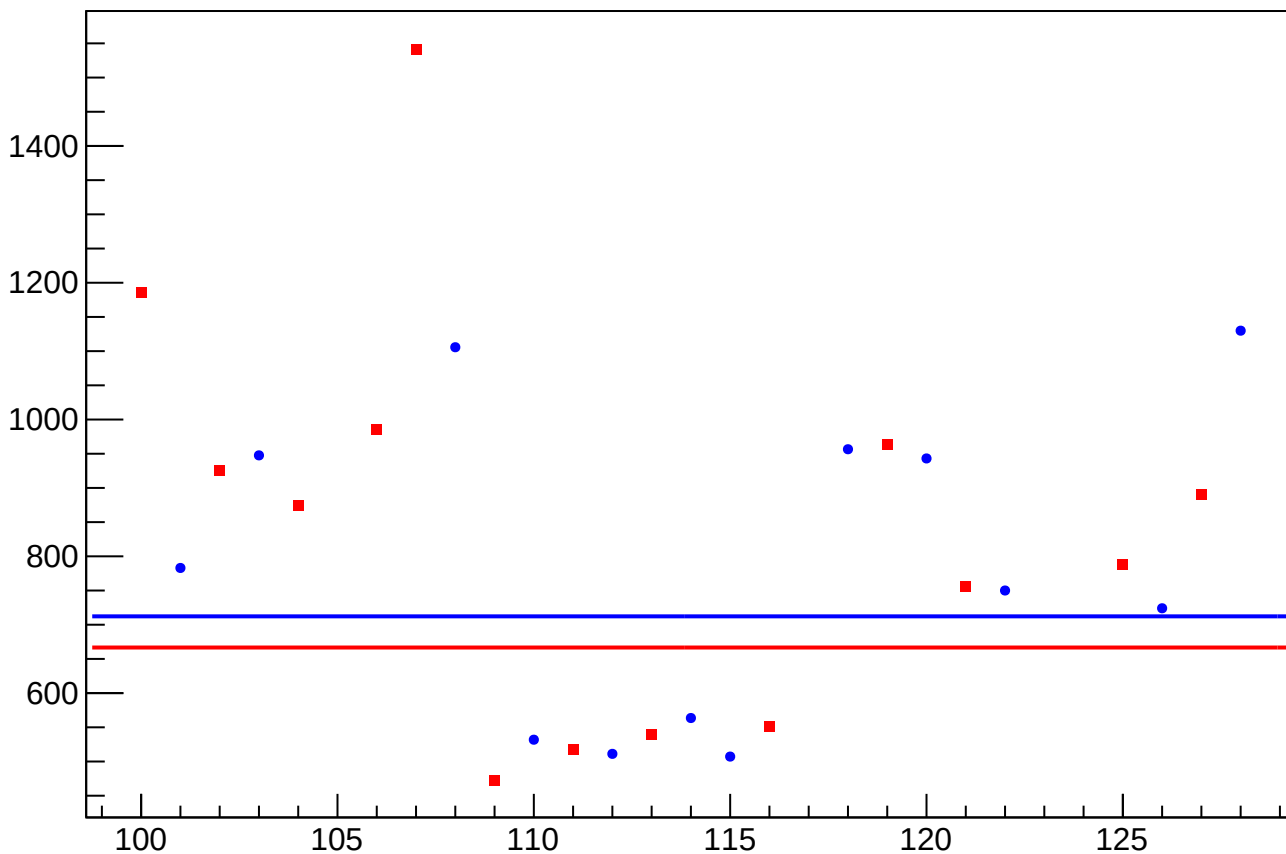
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -348.868 $\pm$ 224.258 χ^2 /NDF: 27.6/24

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

asym_us_dd_eigen_dit_correction_rms vs Slug



Right In: 712.241+/-0.235 χ^2/NDF : 732902.4/11

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

Right Out: 666.669+/-0.215 χ^2/NDF : 927797.8/12

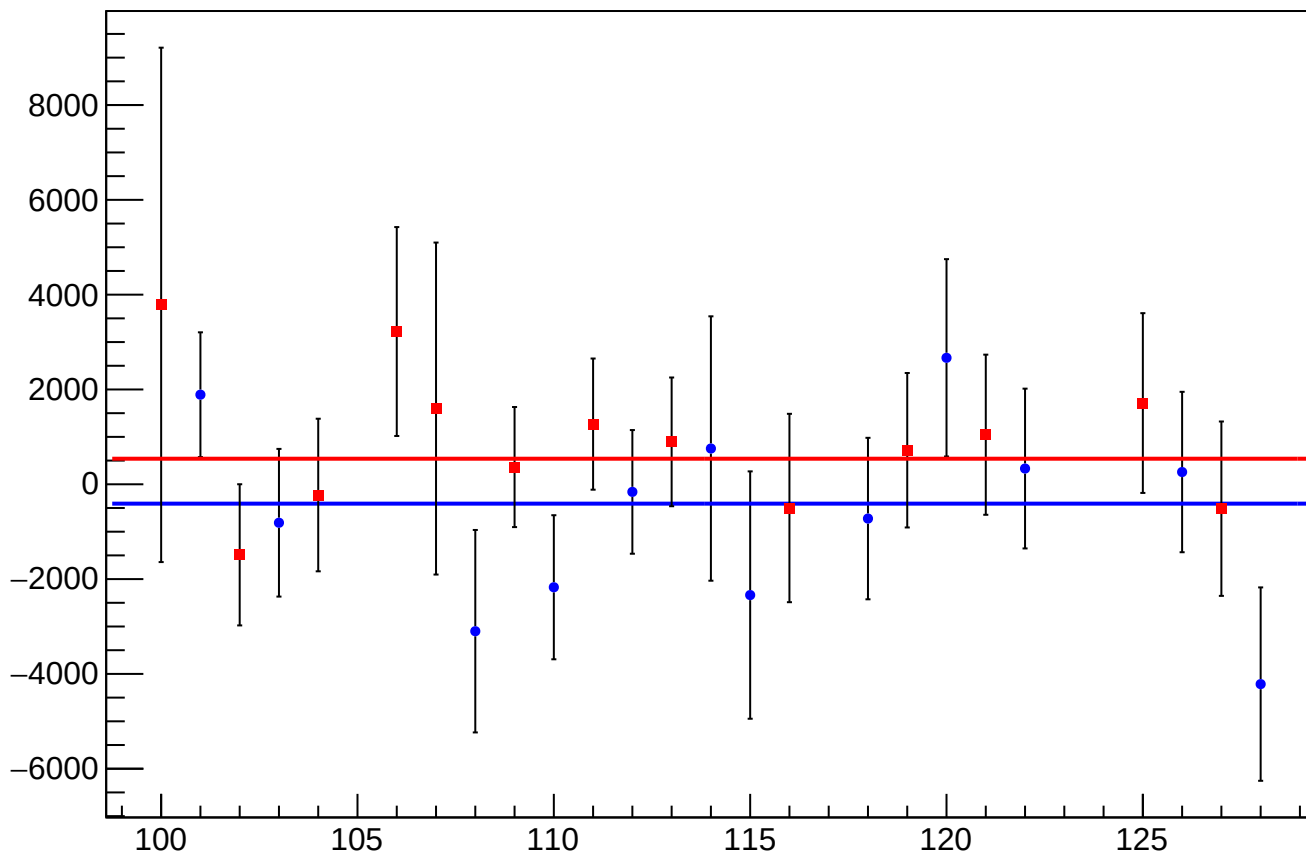
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 687.434+/-0.159 χ^2/NDF : 1681184.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_mean vs Slug



Right In: -408.380+/-498.583 χ^2/NDF : 12.9/11

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

Right Out: 539.391+/-476.668 χ^2/NDF : 5.5/12

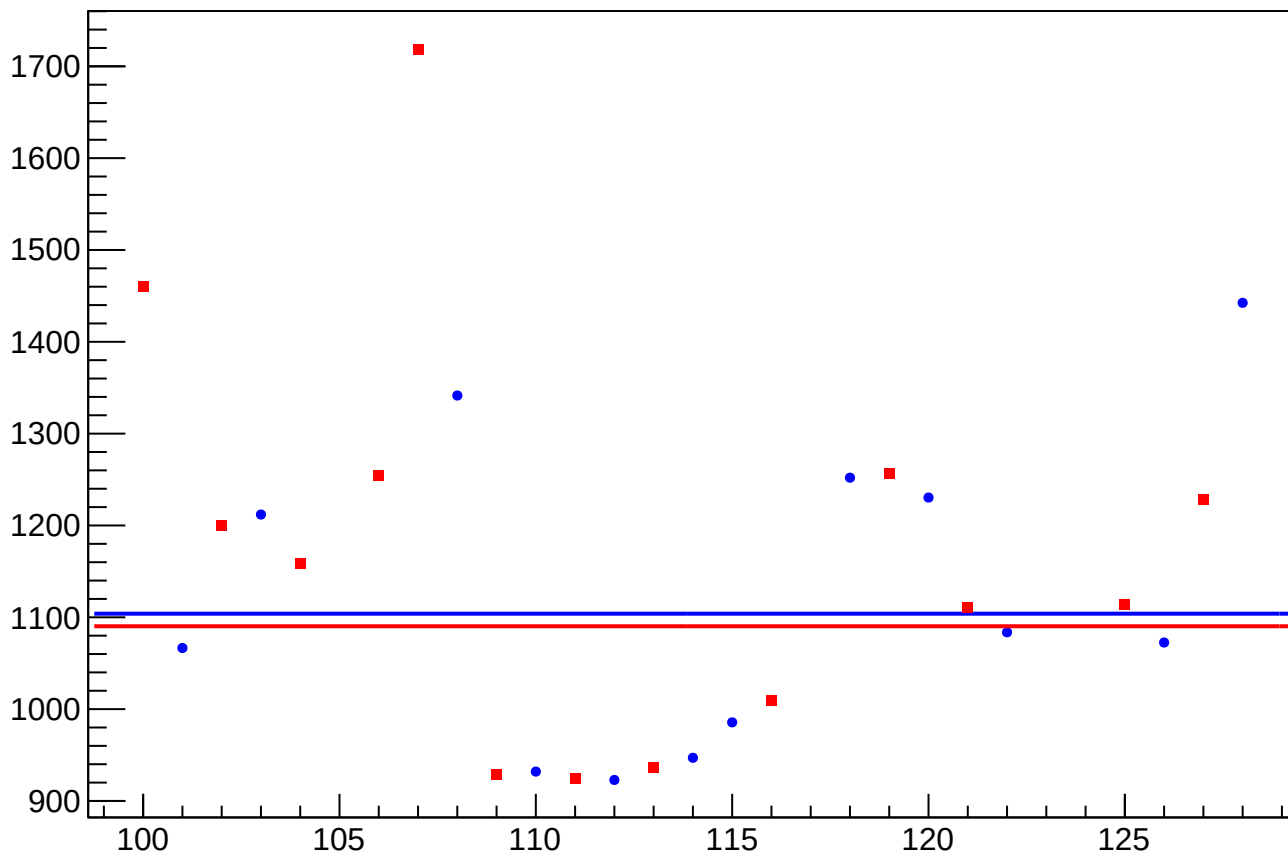
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.793+/-344.542 χ^2/NDF : 20.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_rms vs Slug



Right In: 1103.945 $\pm$ 0.353 χ^2 /NDF: 189145.3/11

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

Right Out: 1090.261 $\pm$ 0.337 χ^2 /NDF: 221676.9/12

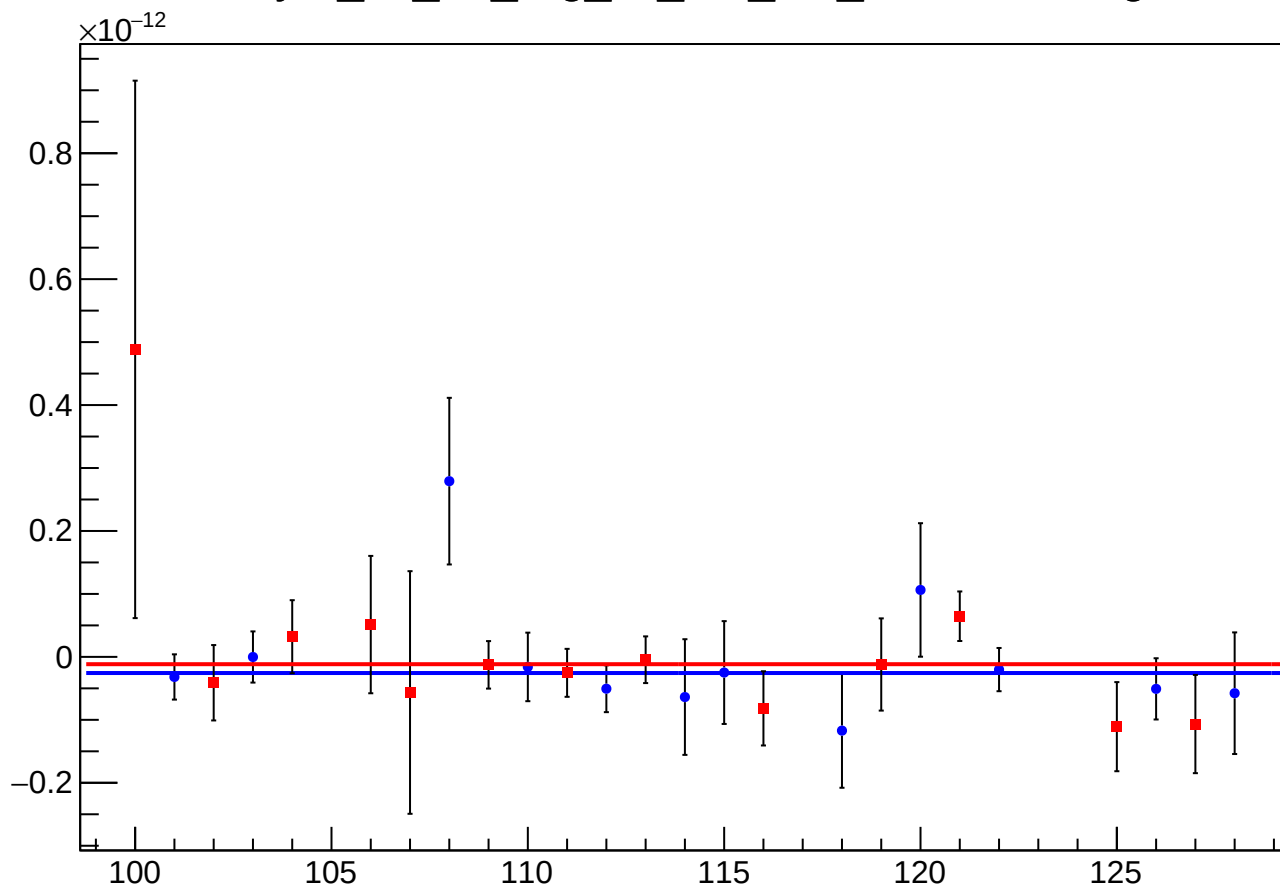
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1096.795 $\pm$ 0.244 χ^2 /NDF: 411609.4/24

- 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 : 9.3/11

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

Right Out: -0.000 ± 0.000 χ^2/NDF : 11.4/12

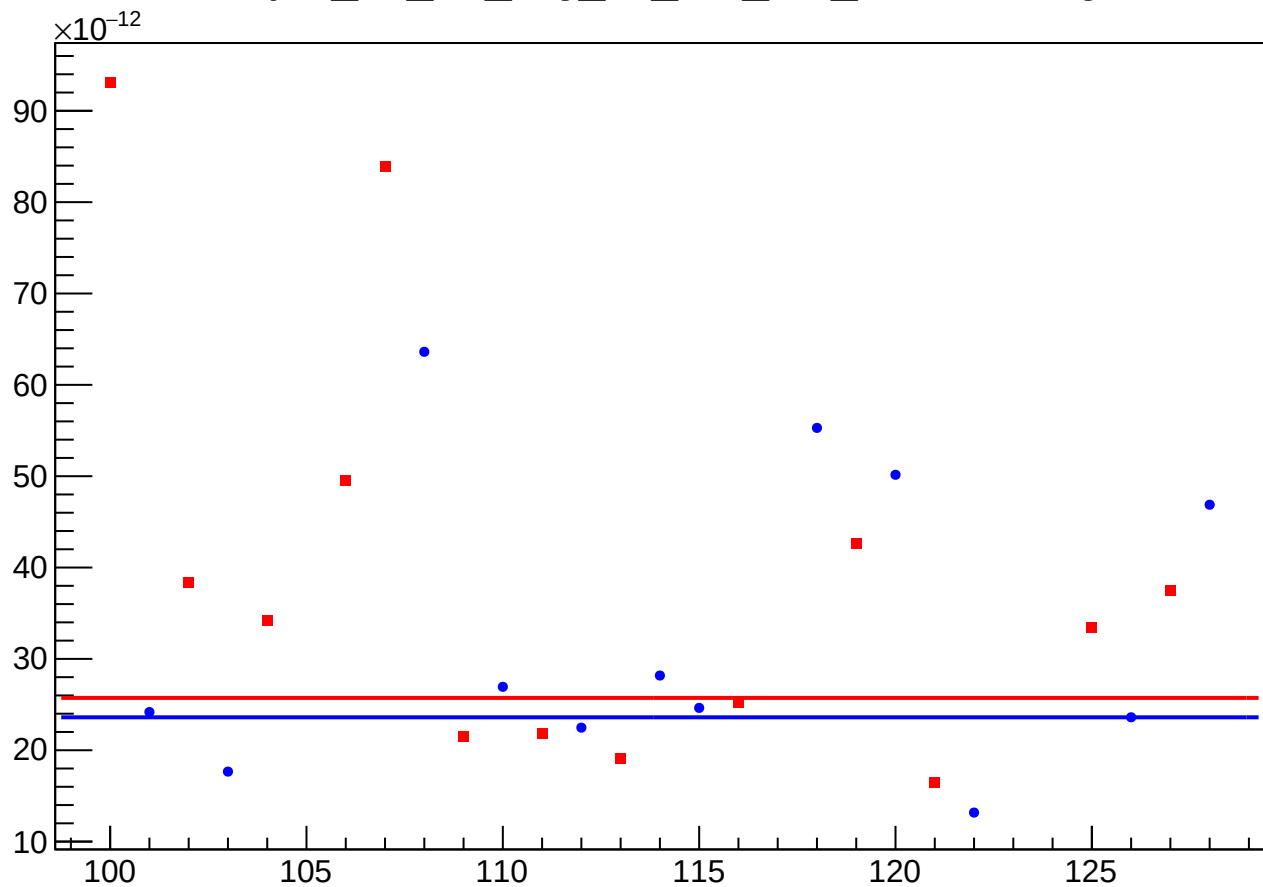
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 21.1/24

- 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 : 910386.5/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 856348.3/12

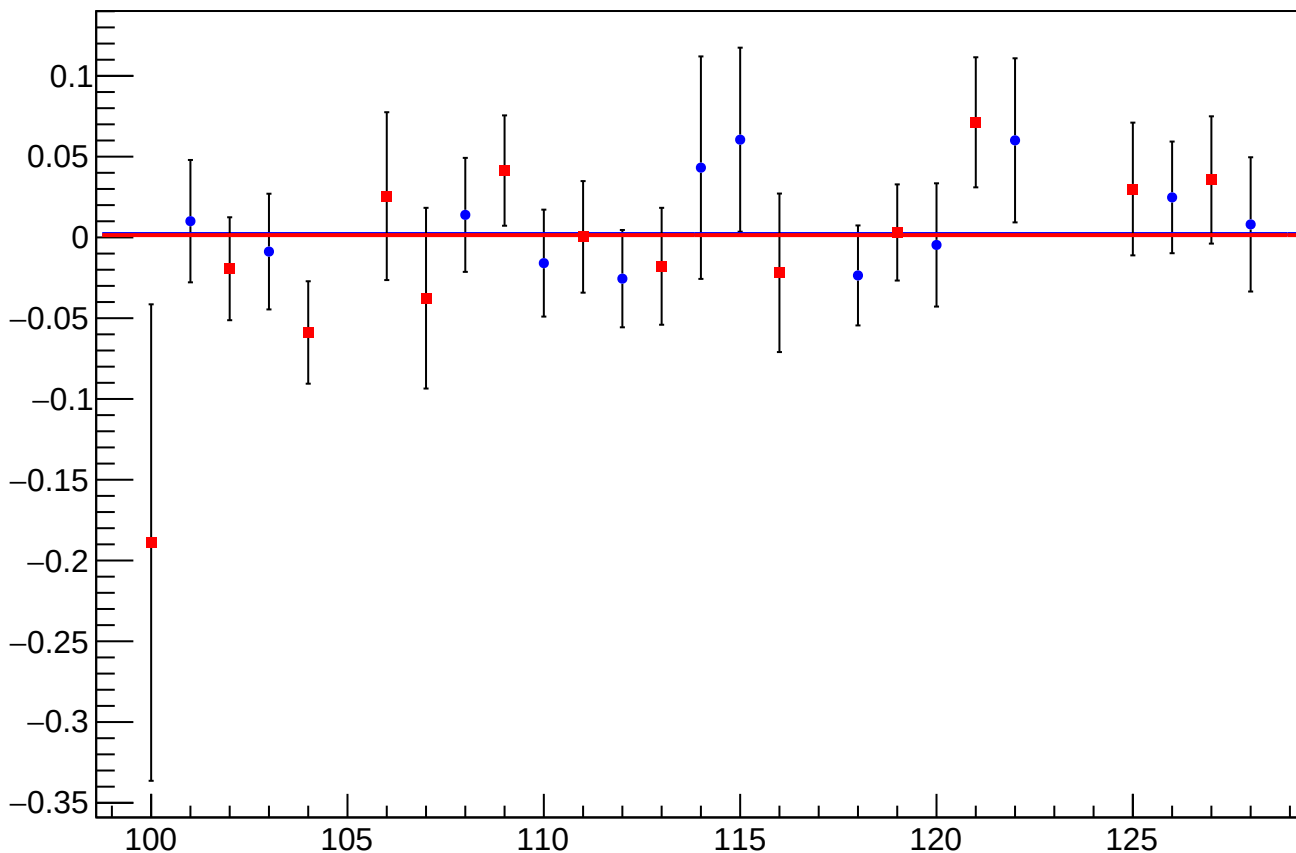
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1786255.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.011 χ^2 /NDF: 5.3/11

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

Right Out: 0.001 $\pm$ 0.011 χ^2 /NDF: 12.5/12

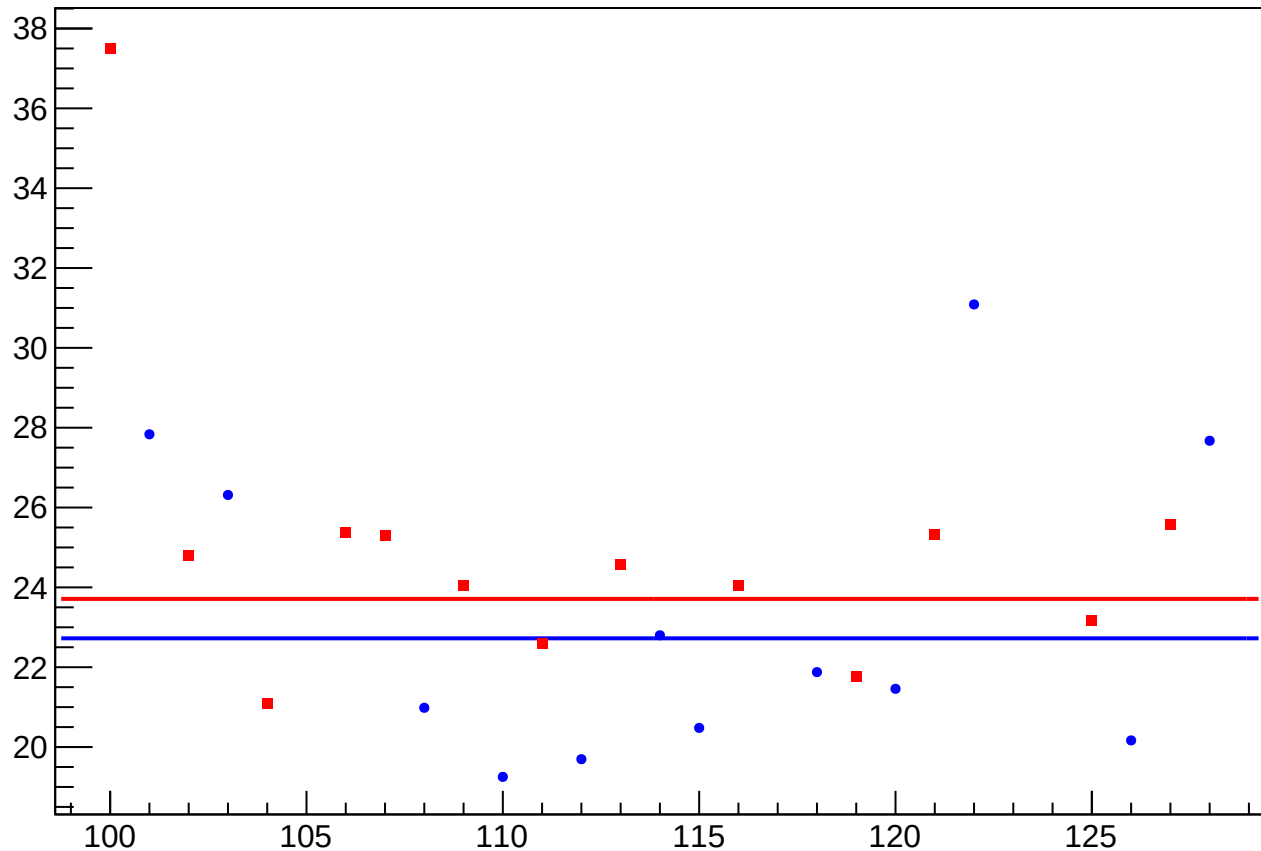
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.002 $\pm$ 0.008 χ^2 /NDF: 17.8/24

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

asym_us_dd_dit_vs_cor_diff_rms vs Slug



Right In: 22.723+/-0.008 χ^2/NDF : 203954.8/11

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

Right Out: 23.711+/-0.008 χ^2/NDF : 57344.2/12

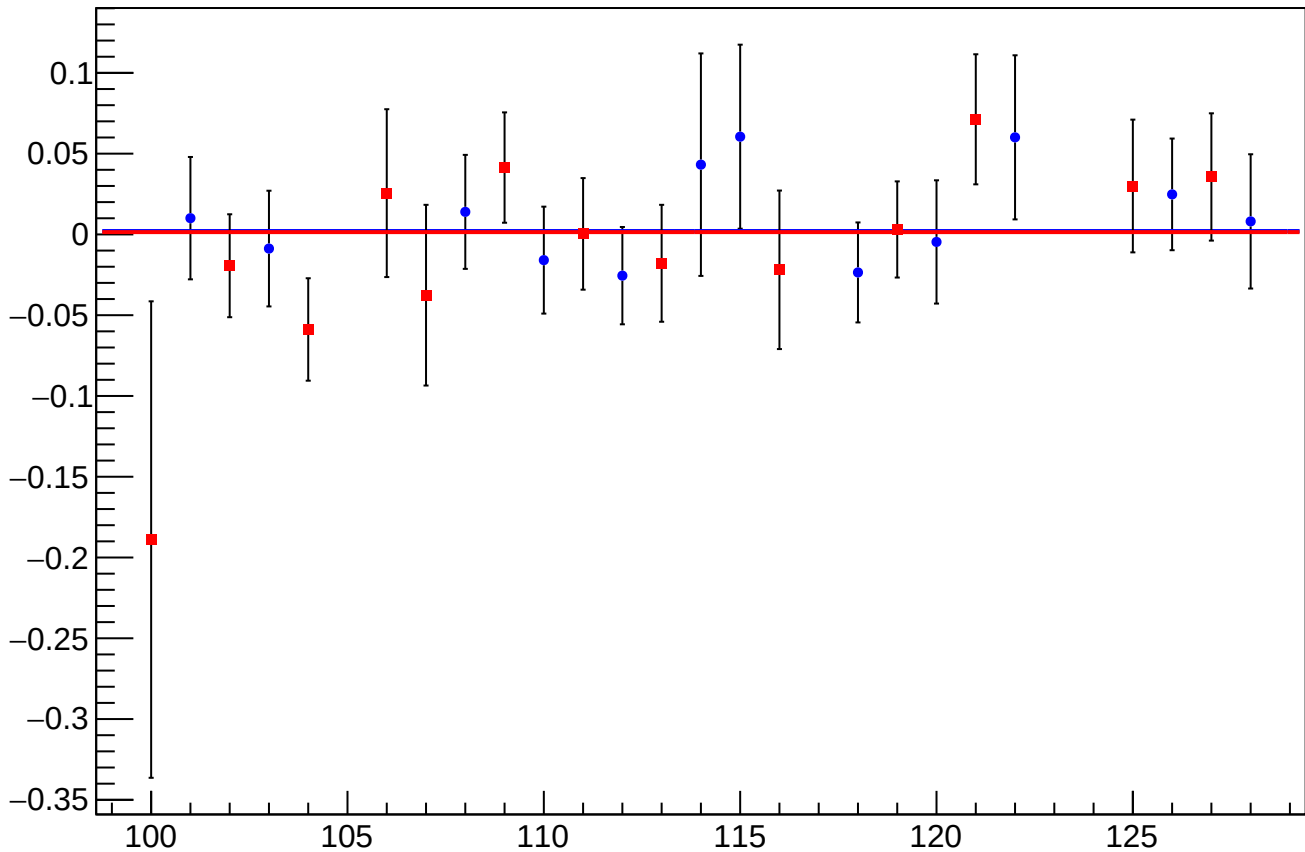
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.224+/-0.005 χ^2/NDF : 269555.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.011 χ^2 /NDF: 5.3/11

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

Right Out: 0.001 $\pm$ 0.011 χ^2 /NDF: 12.5/12

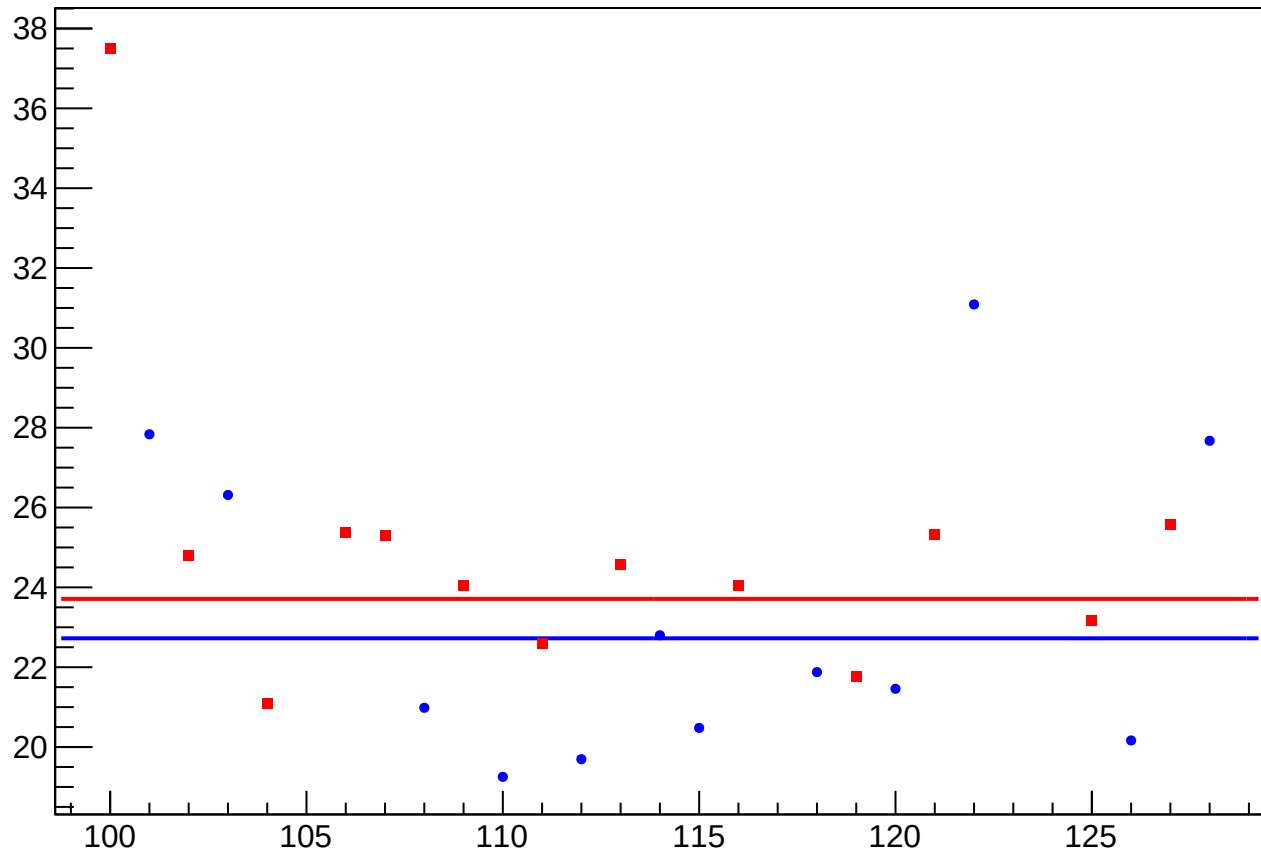
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.002 $\pm$ 0.008 χ^2 /NDF: 17.8/24

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

asym_us_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 22.723+/-0.008 χ^2/NDF : 203954.8/11

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

Right Out: 23.711+/-0.008 χ^2/NDF : 57344.2/12

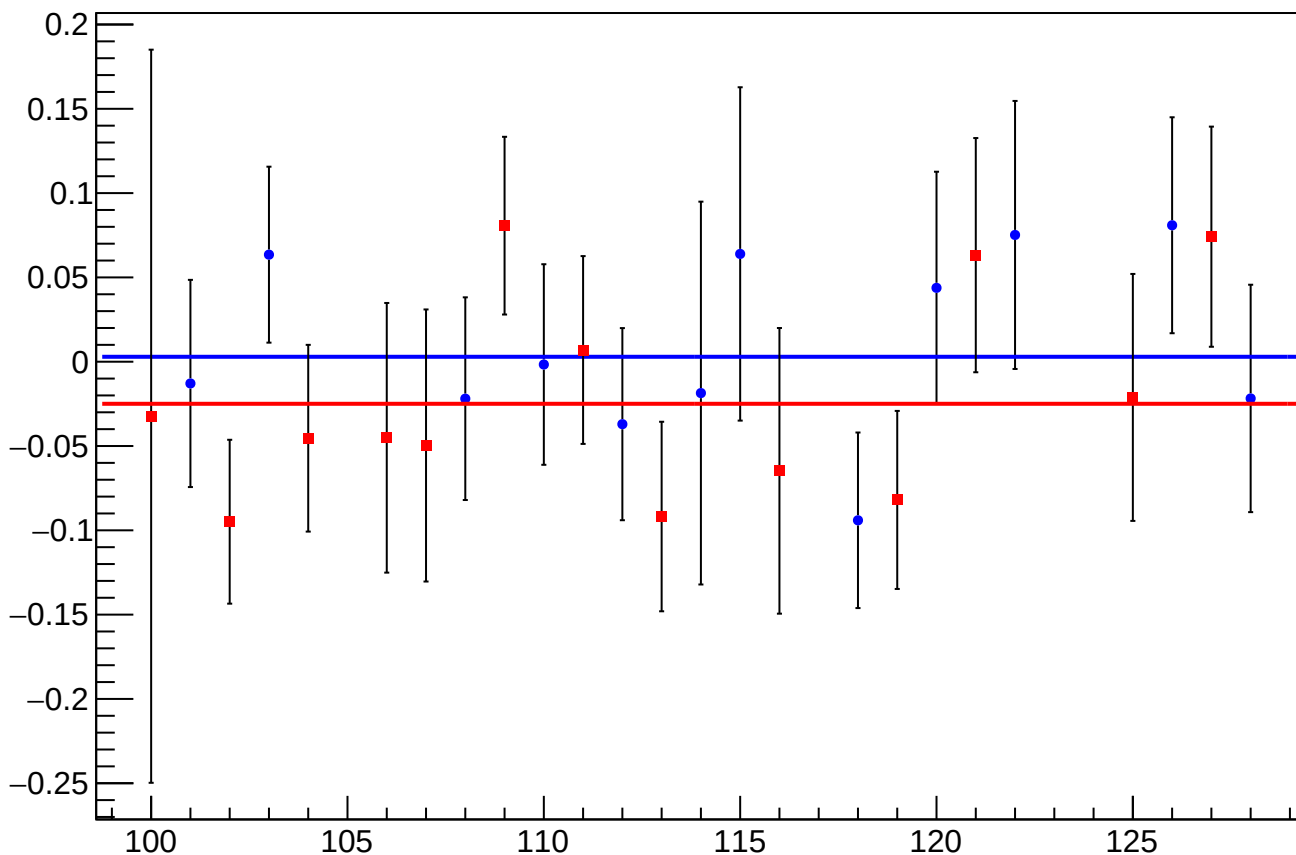
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.224+/-0.005 χ^2/NDF : 269555.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_dit_vs_overload_cor_diff_mean vs Slug



Right In: 0.003+/-0.019 χ^2/NDF : 8.8/11

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

Right Out: -0.025+/-0.018 χ^2/NDF : 13.4/12

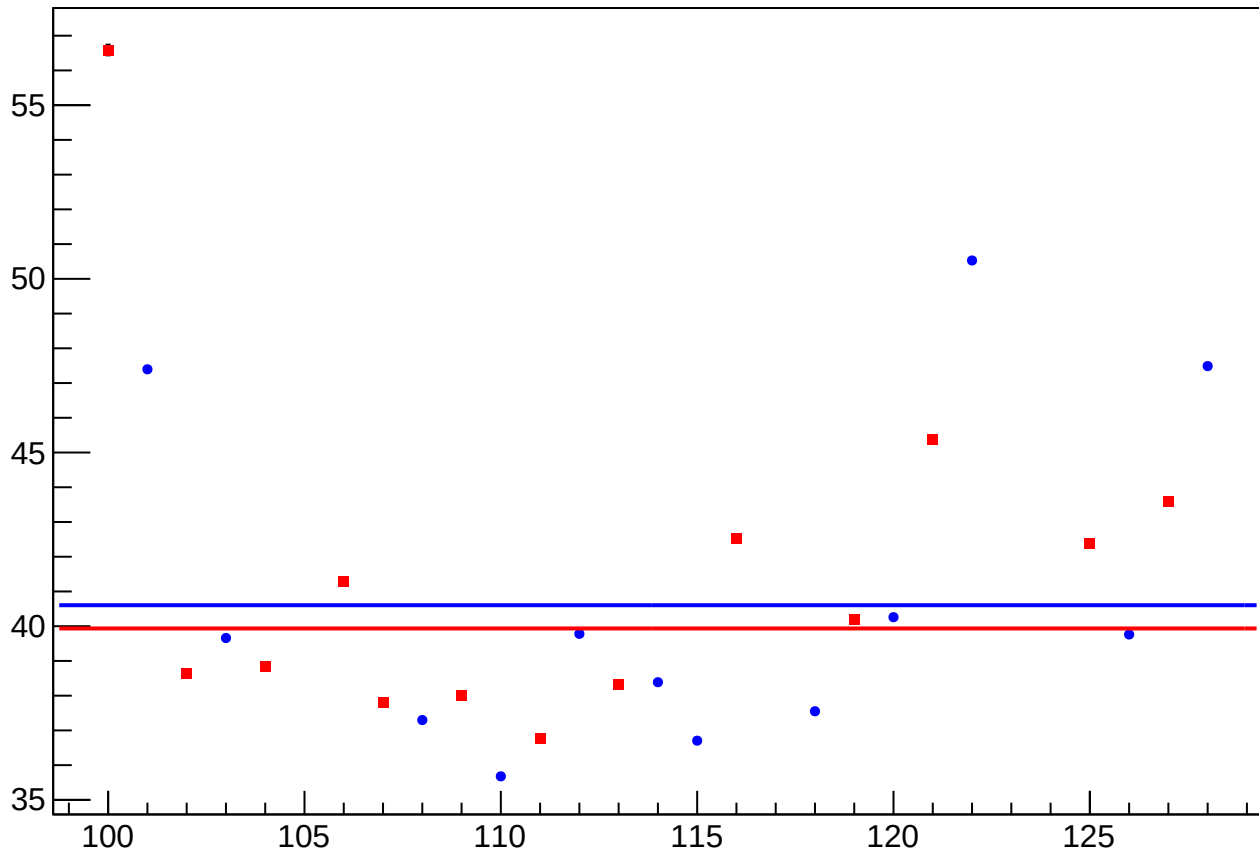
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.013 χ^2/NDF : 23.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_dit_vs_overload_cor_diff_rms vs Slug



Right In: 40.604 $\pm$ 0.013 χ^2 /NDF: 108450.7/11

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

Right Out: 39.935 $\pm$ 0.012 χ^2 /NDF: 49432.9/12

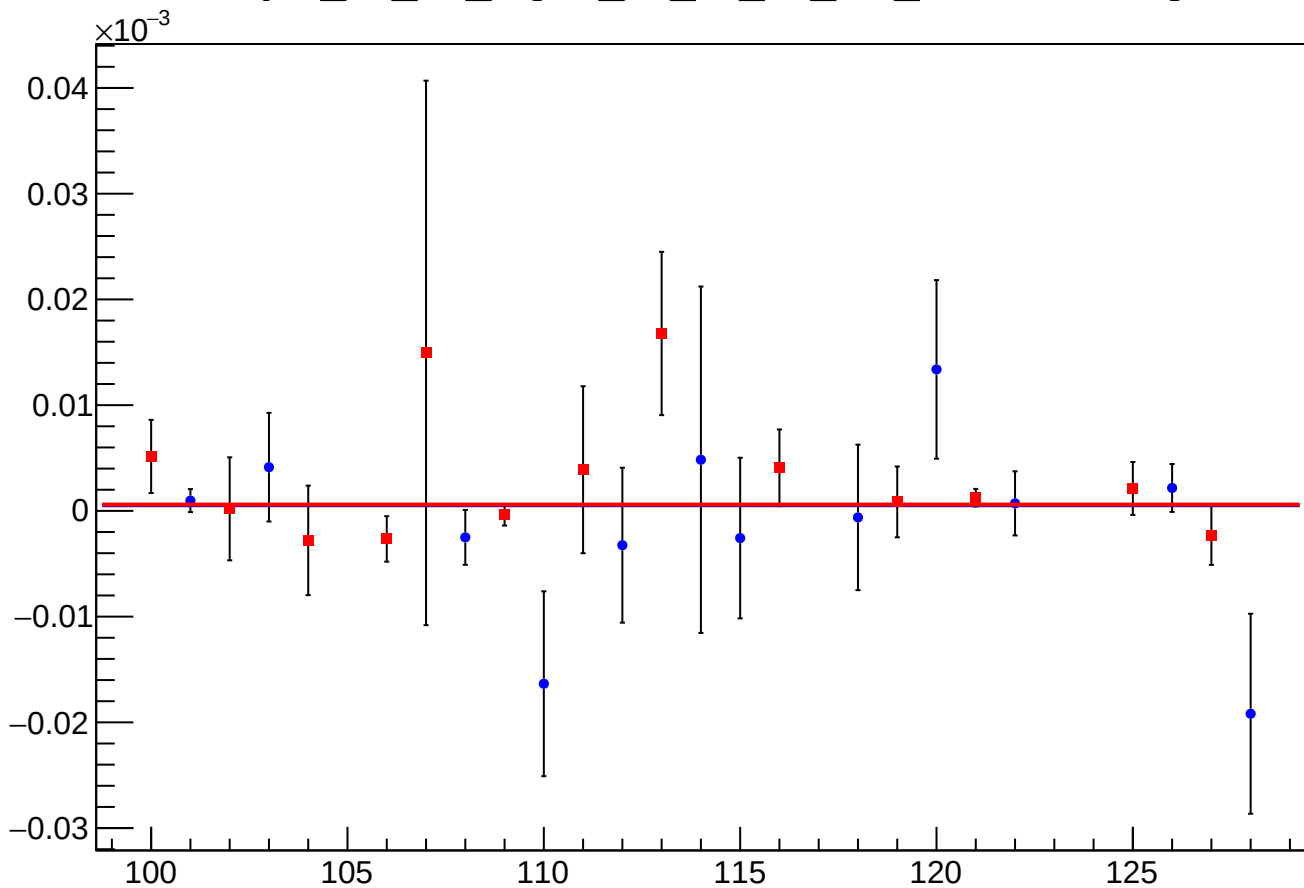
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 40.252 $\pm$ 0.009 χ^2 /NDF: 159242.8/24

- sign 0.000 $\pm$ 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: 13.5/11

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.2/12

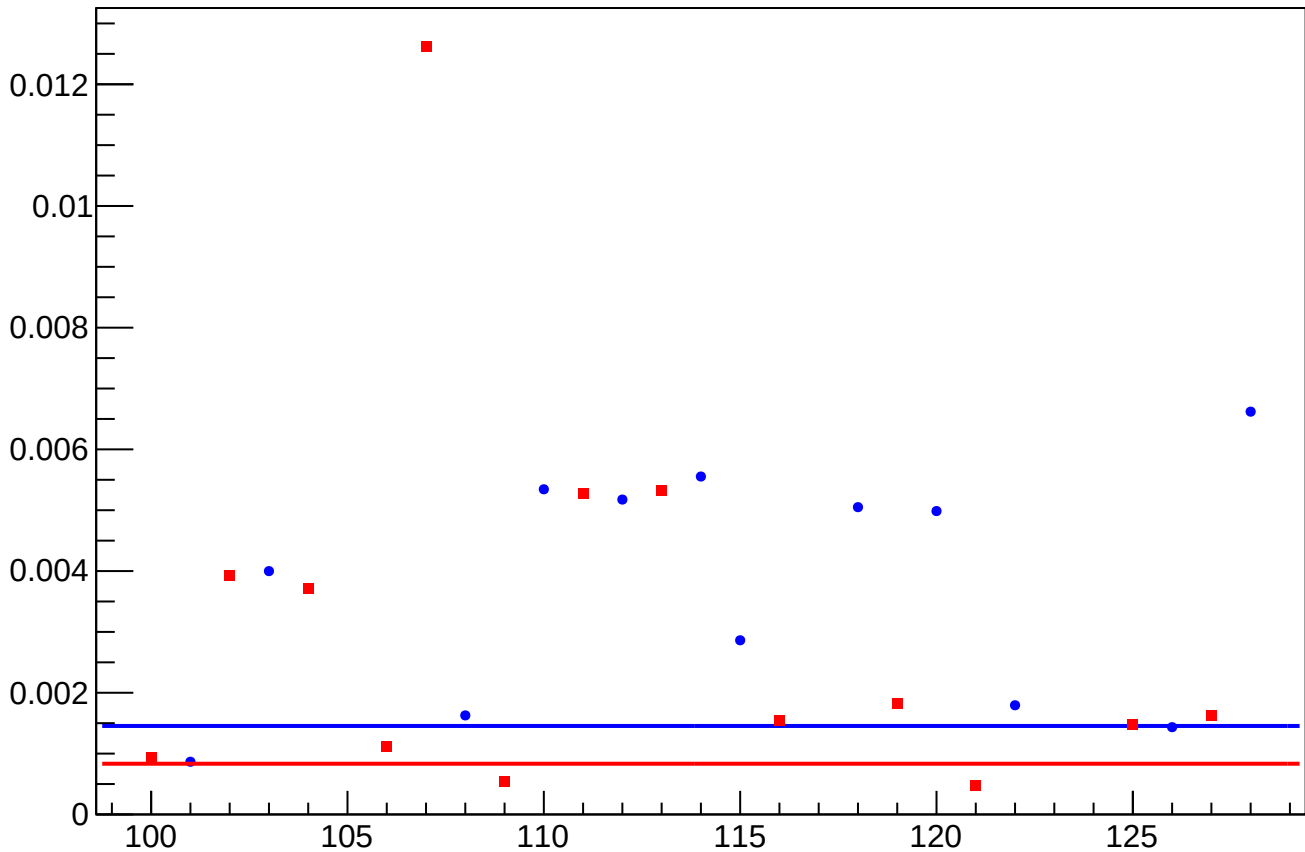
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 26.7/24

- 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 : 3708763.6/11

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

Right Out: 0.001+/-0.000 χ^2/NDF : 4272367.9/12

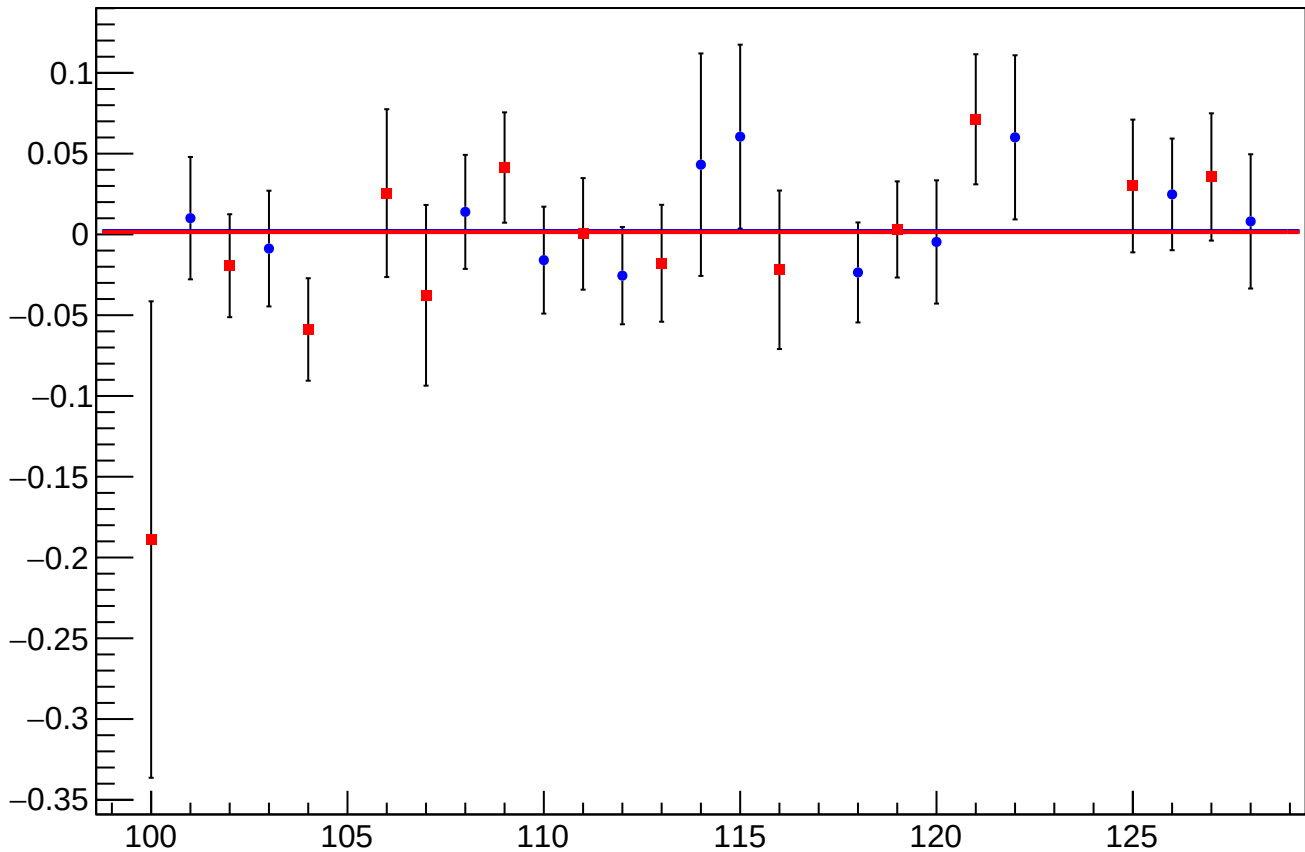
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 8753322.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.011 χ^2 /NDF: 5.3/11

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

Right Out: 0.001 $\pm$ 0.011 χ^2 /NDF: 12.5/12

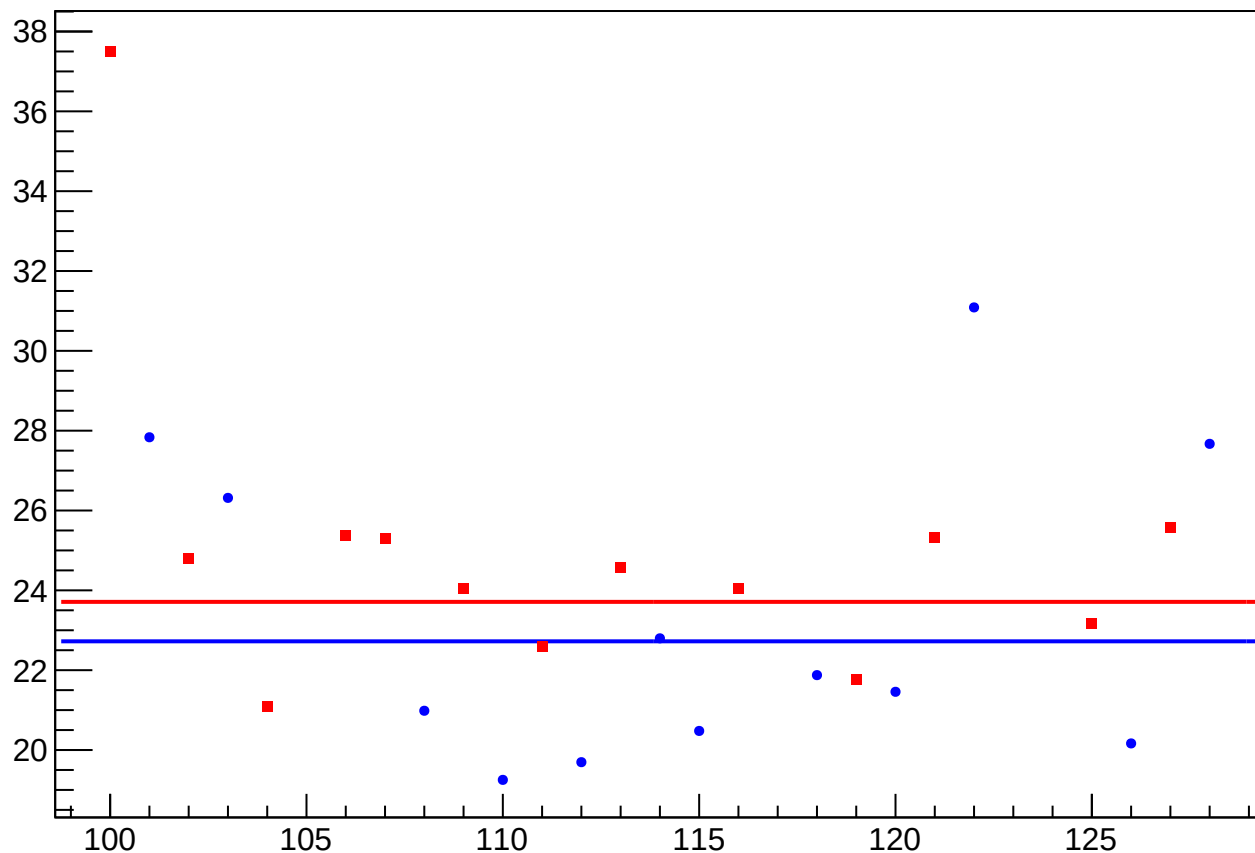
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.002 $\pm$ 0.008 χ^2 /NDF: 17.8/24

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

asym_us_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 22.723+/-0.008 χ^2/NDF : 203983.0/11

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

Right Out: 23.711+/-0.008 χ^2/NDF : 57340.6/12

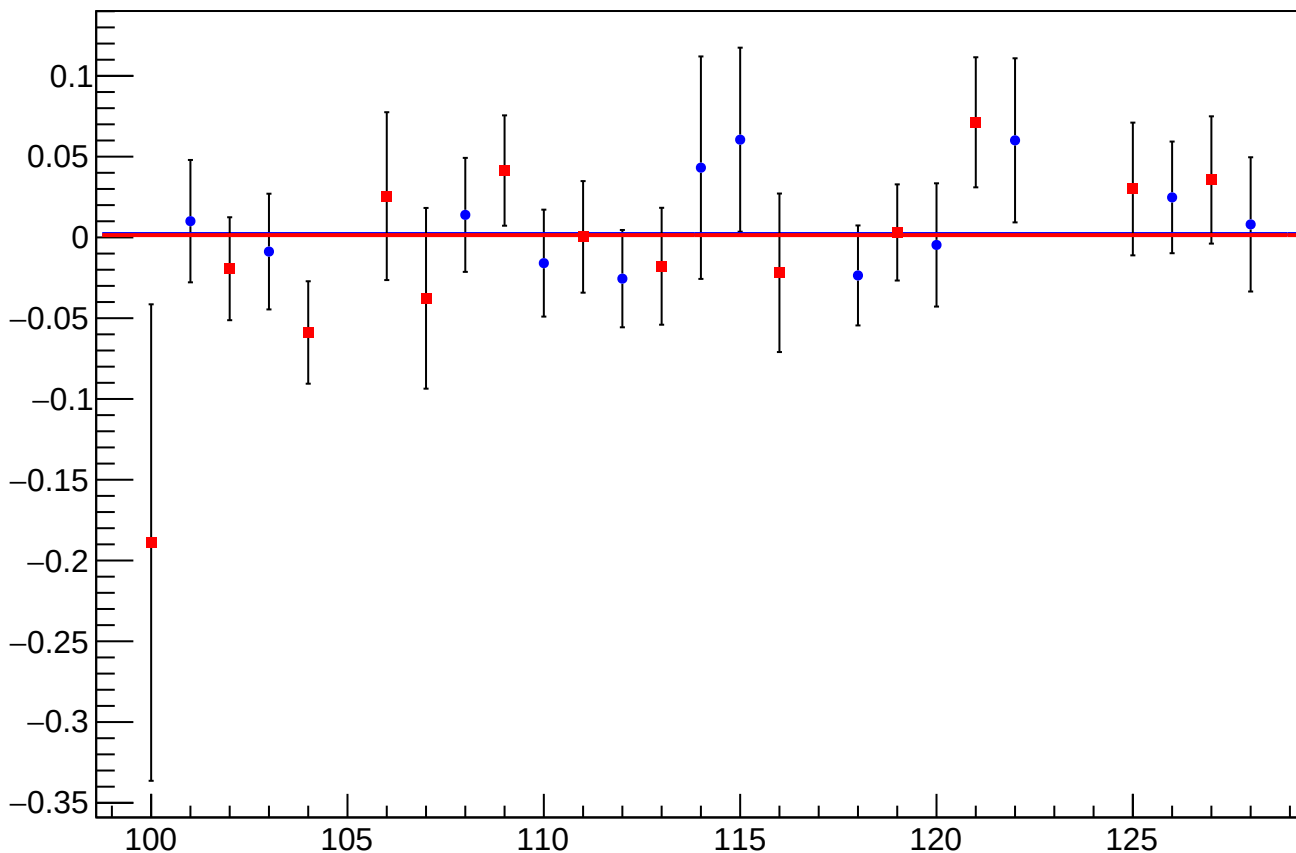
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.224+/-0.005 χ^2/NDF : 269588.9/24

- 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: 0.002 $\pm$ 0.011 χ^2 /NDF: 5.3/11

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

Right Out: 0.001 $\pm$ 0.011 χ^2 /NDF: 12.5/12

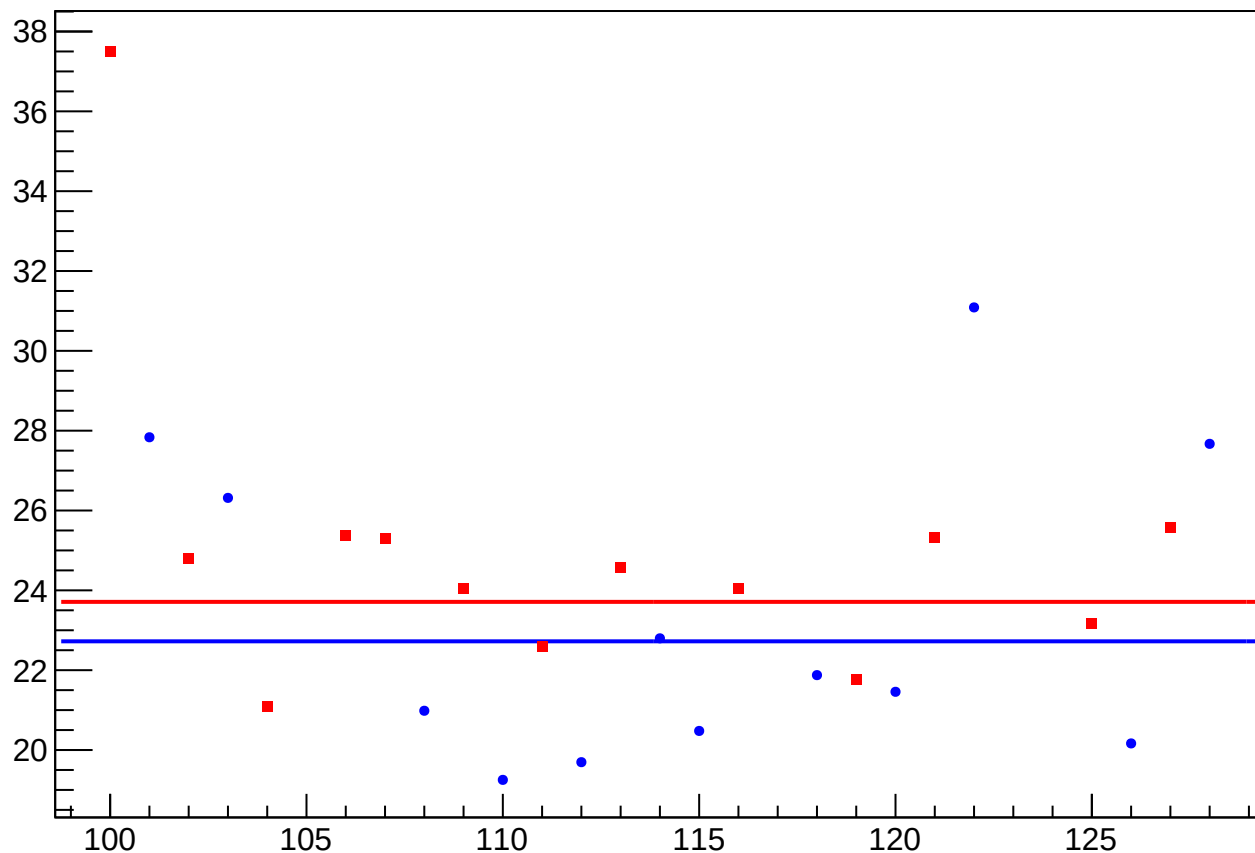
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.002 $\pm$ 0.008 χ^2 /NDF: 17.8/24

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

asym_us_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 22.723+/-0.008 χ^2/NDF : 203983.0/11

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

Right Out: 23.711+/-0.008 χ^2/NDF : 57340.6/12

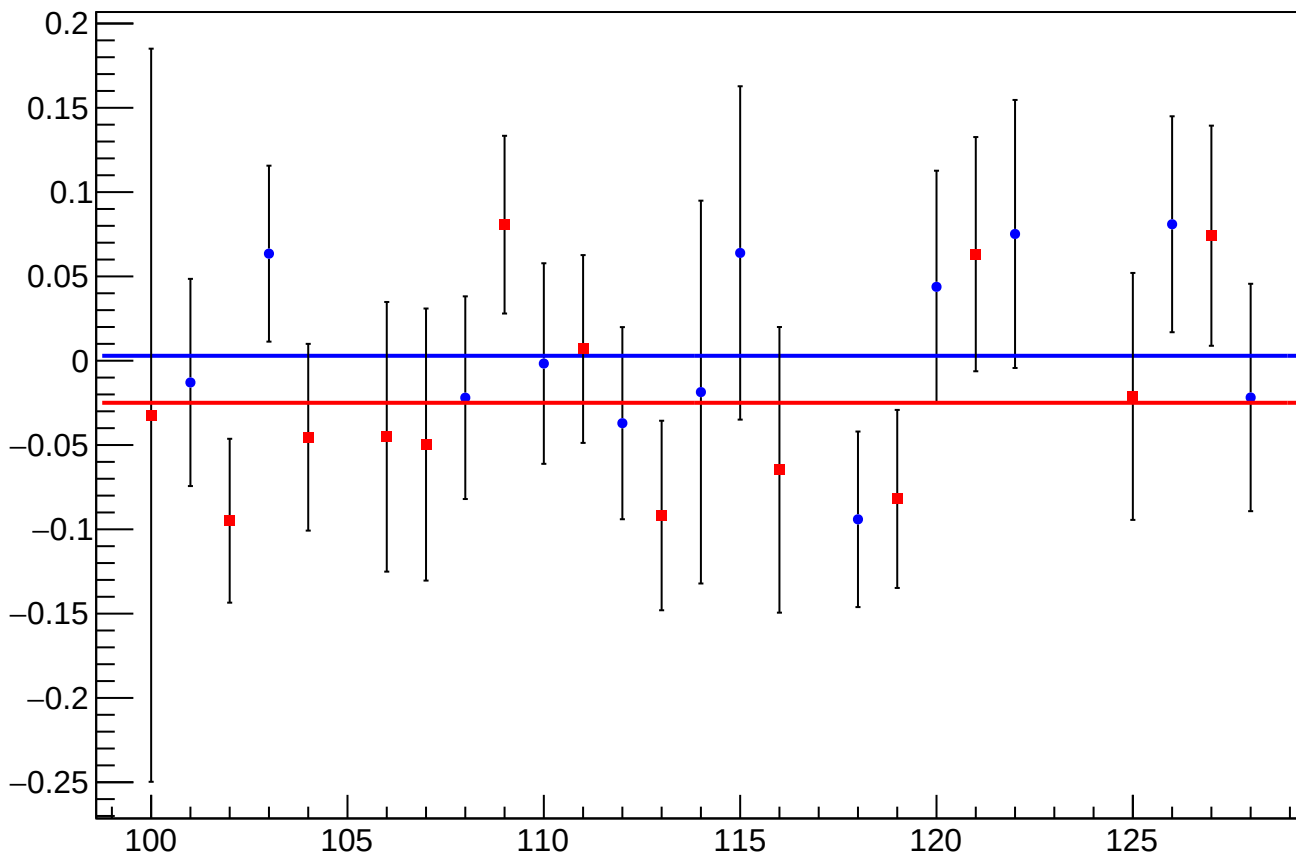
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.224+/-0.005 χ^2/NDF : 269588.9/24

- 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: 0.003+/-0.019 χ^2/NDF : 8.8/11

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

Right Out: -0.025+/-0.018 χ^2/NDF : 13.4/12

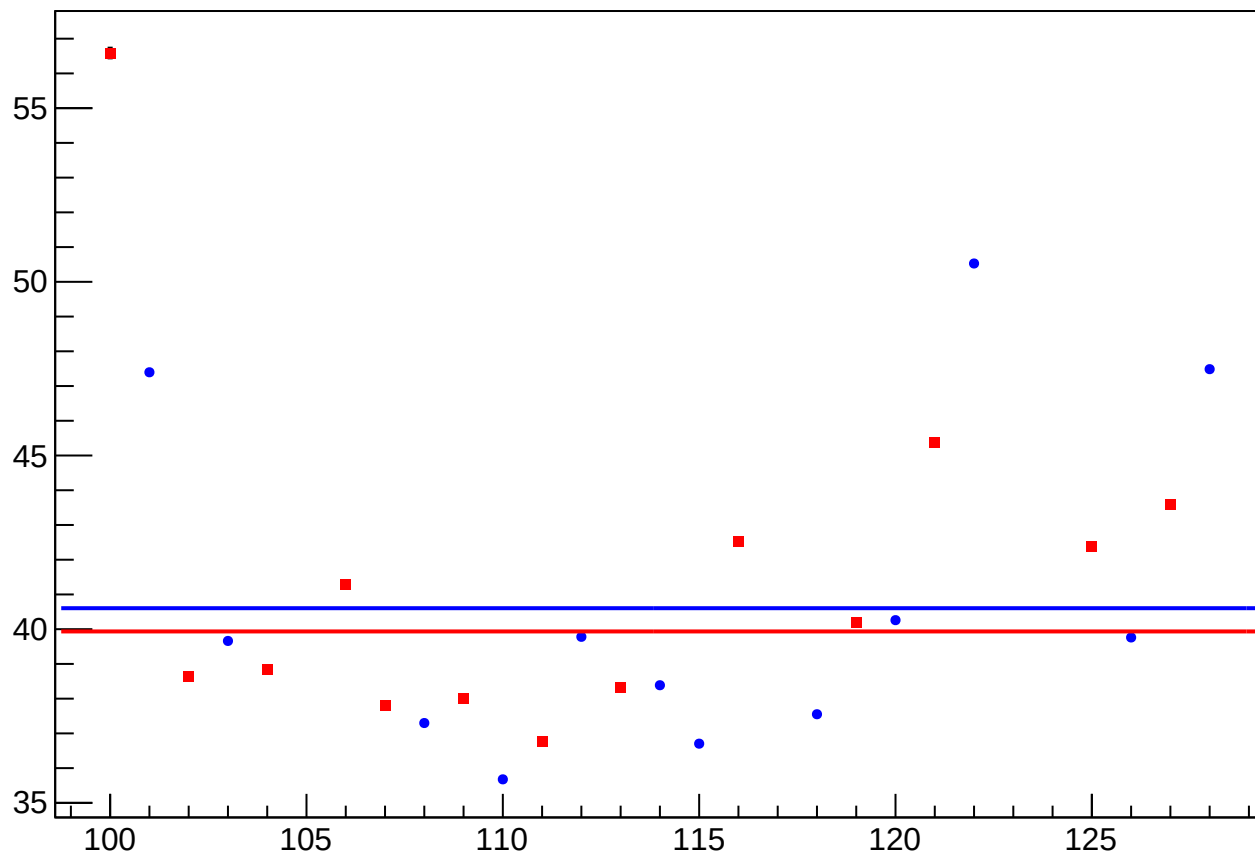
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.013 χ^2/NDF : 23.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_dit_vs_overload_cor_diff_rms vs Slug



Right In: 40.604 $\pm$ 0.013 χ^2 /NDF: 108440.3/11

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

Right Out: 39.935 $\pm$ 0.012 χ^2 /NDF: 49426.9/12

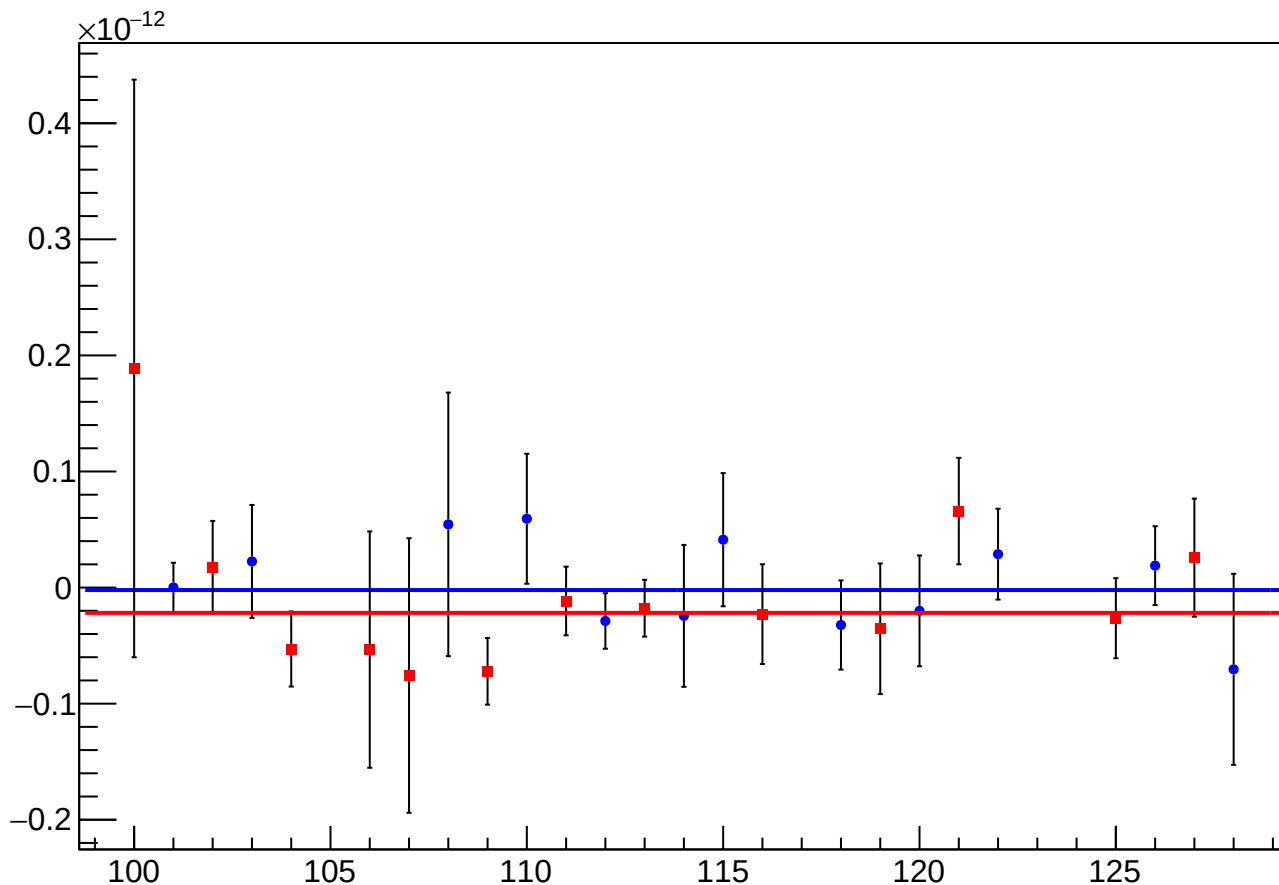
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 40.252 $\pm$ 0.009 χ^2 /NDF: 159226.0/24

- sign 0.000 $\pm$ 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: 6.1/11

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.7/12

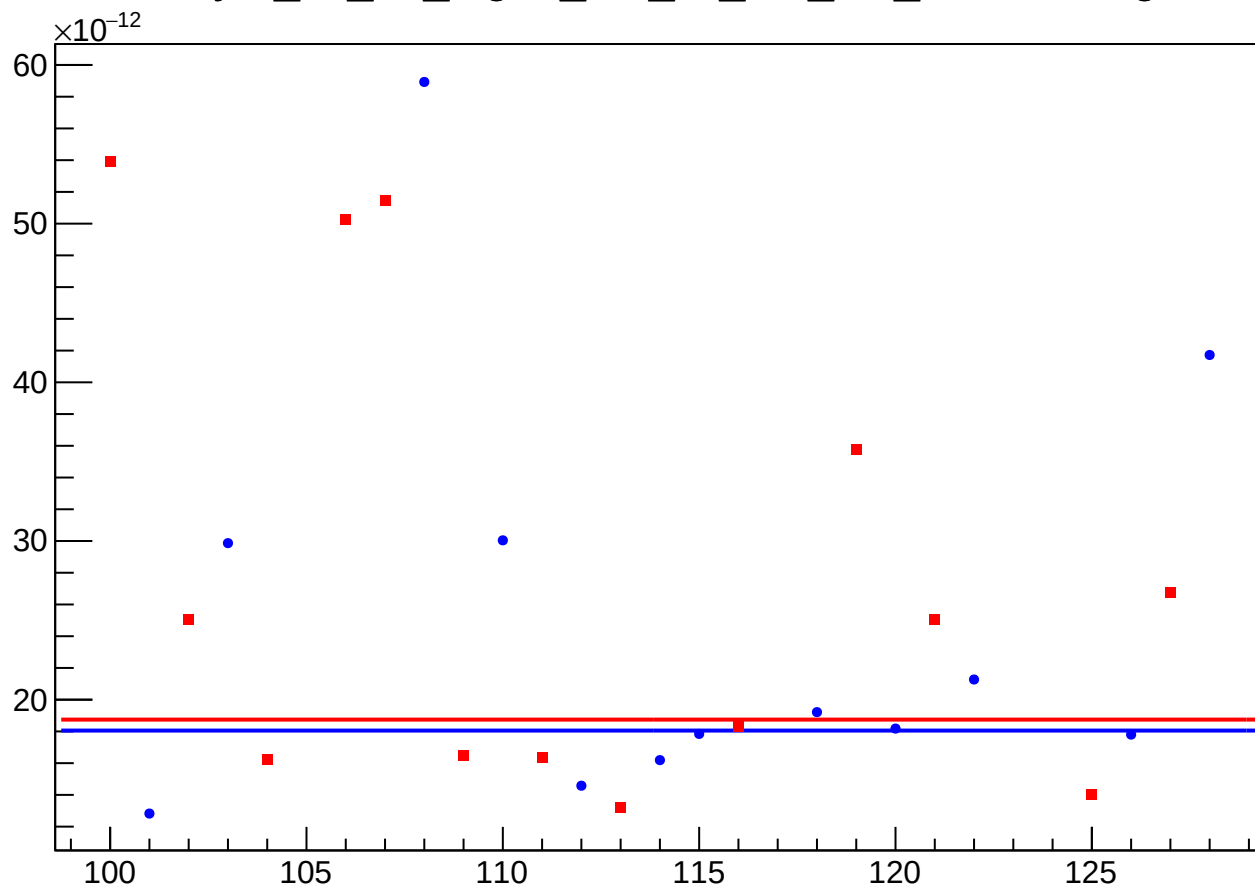
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.5/24

- 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 : 815092.8/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 883663.4/12

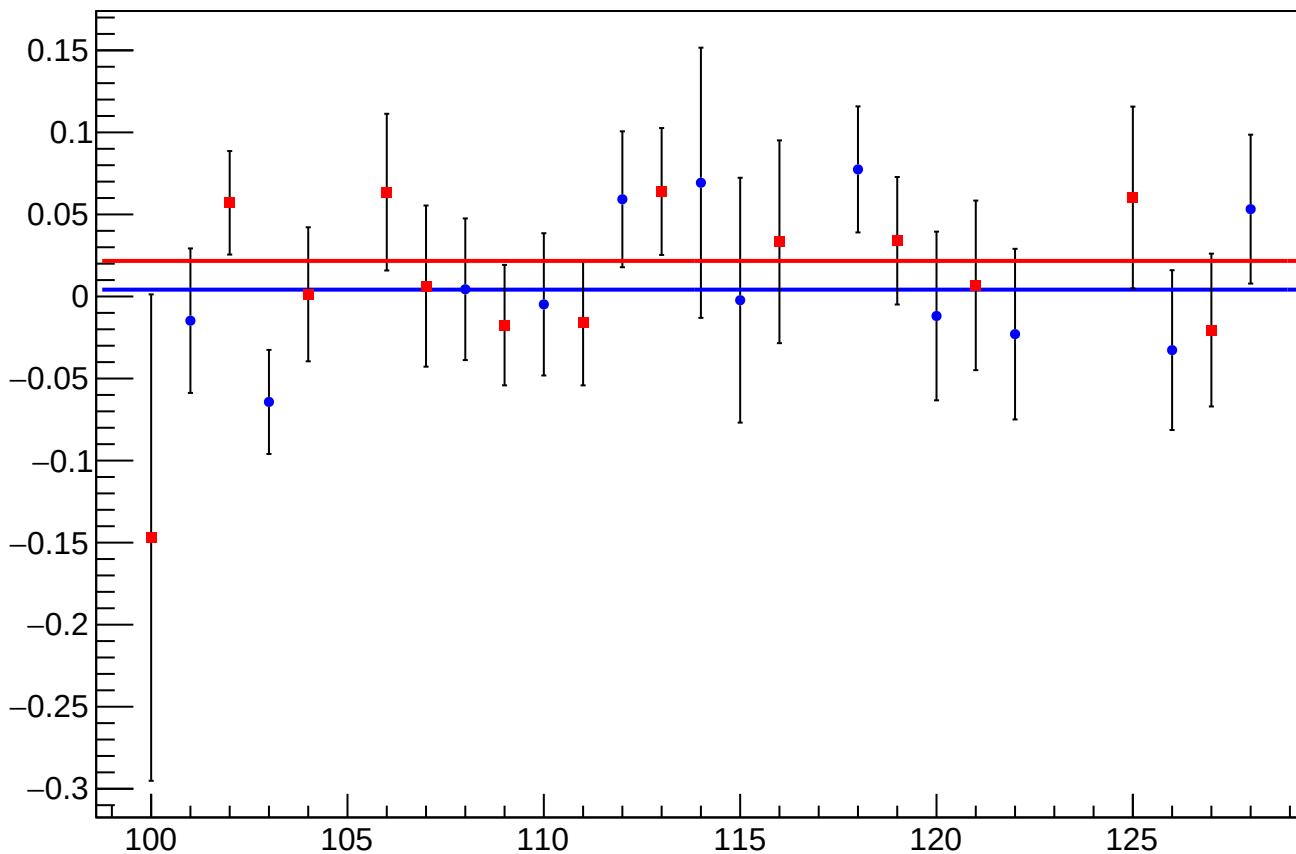
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1702700.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_overload_cor_vs_cor_diff_mean vs Slug



Right In: 0.004 $\pm$ 0.013 χ^2 /NDF: 13.0/11

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

Right Out: 0.022 $\pm$ 0.012 χ^2 /NDF: 8.5/12

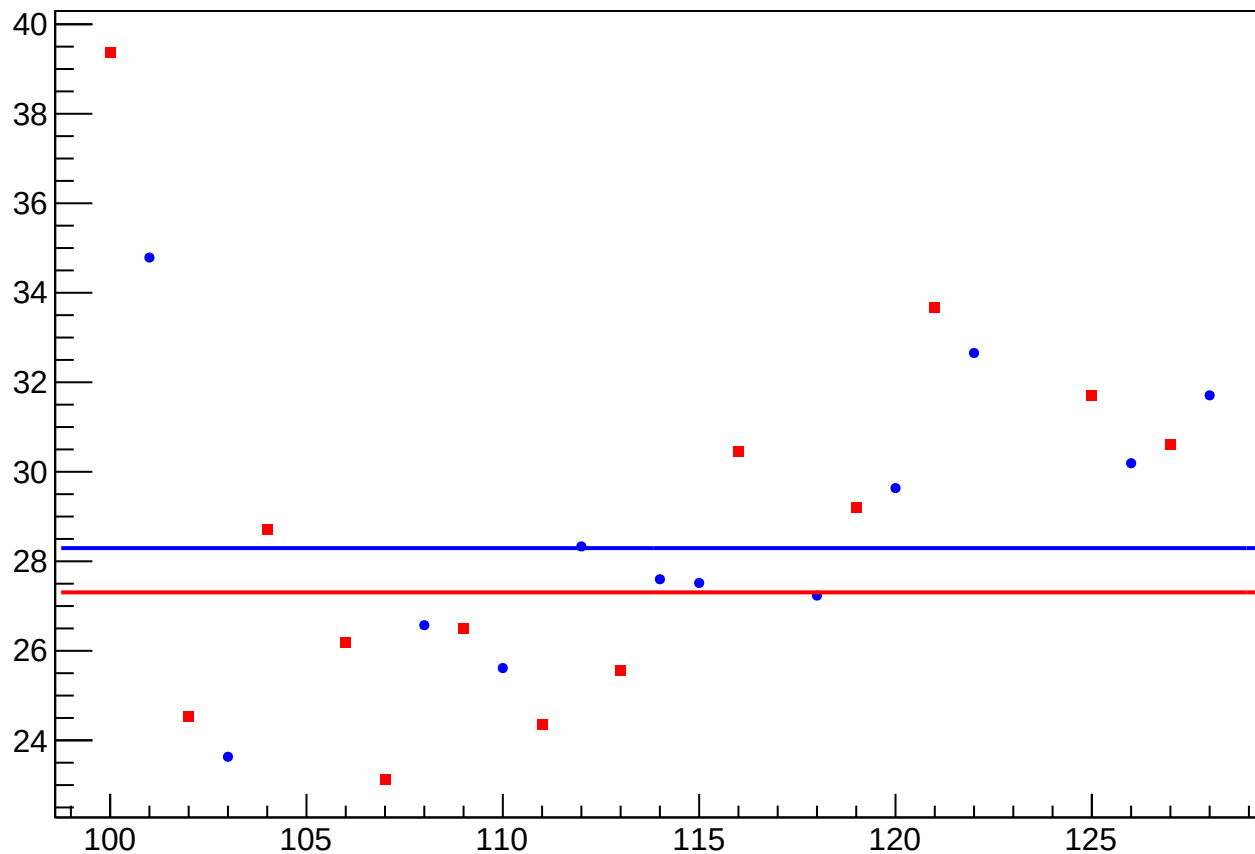
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.014 $\pm$ 0.009 χ^2 /NDF: 22.5/24

- 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: 28.295+/-0.009 χ^2/NDF : 129226.1/11

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

Right Out: 27.306+/-0.009 χ^2/NDF : 126709.3/12

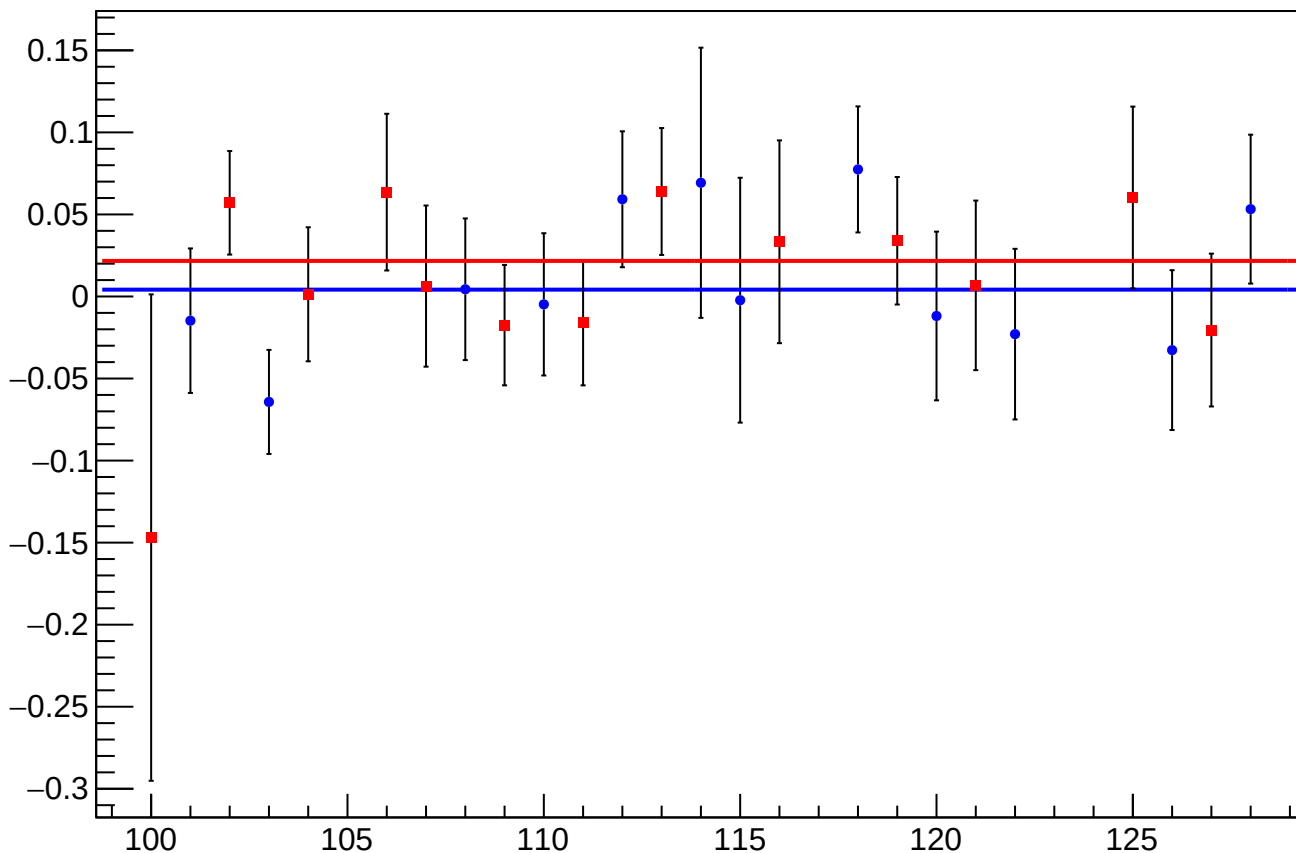
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.766+/-0.006 χ^2/NDF : 262022.4/24

- 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: 0.004 $\pm$ 0.013 χ^2 /NDF: 13.0/11

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

Right Out: 0.022 $\pm$ 0.012 χ^2 /NDF: 8.5/12

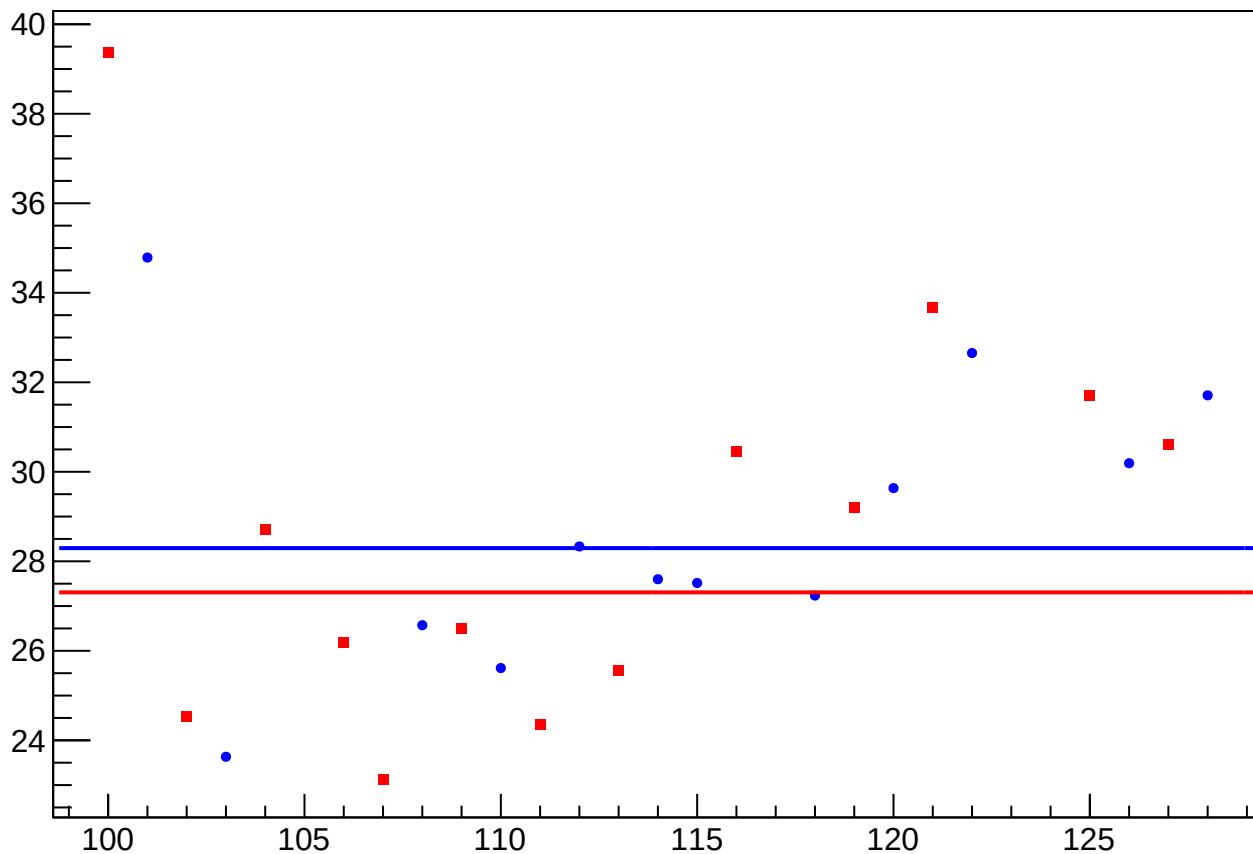
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.014 $\pm$ 0.009 χ^2 /NDF: 22.5/24

- 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: 28.295+/-0.009 χ^2/NDF : 129226.1/11

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

Right Out: 27.306+/-0.009 χ^2/NDF : 126709.3/12

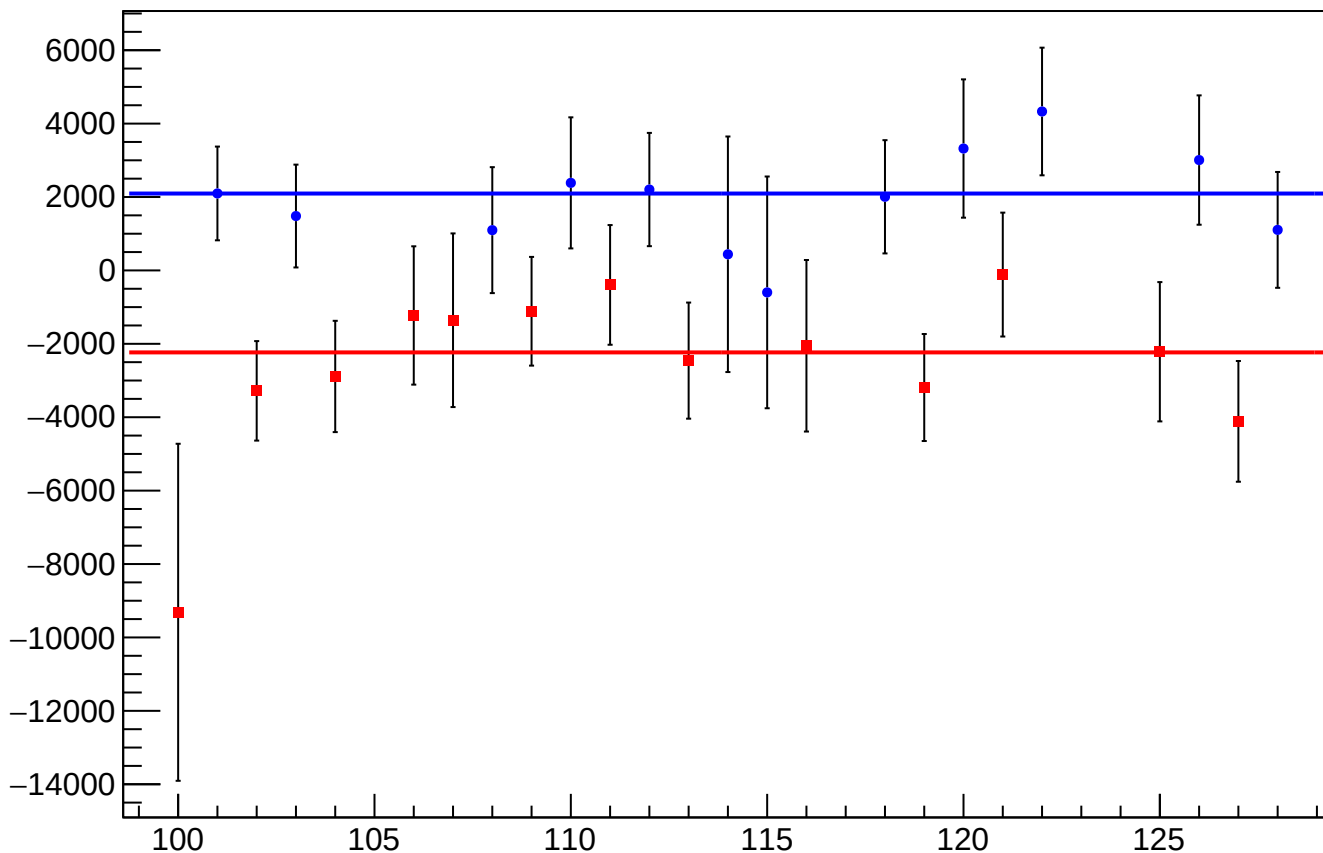
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.766+/-0.006 χ^2/NDF : 262022.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_mean vs Slug



Right In: 2094.666 $\pm$ 490.907 χ^2 /NDF: 4.3/11

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

Right Out: -2233.815 $\pm$ 478.320 χ^2 /NDF: 8.8/12

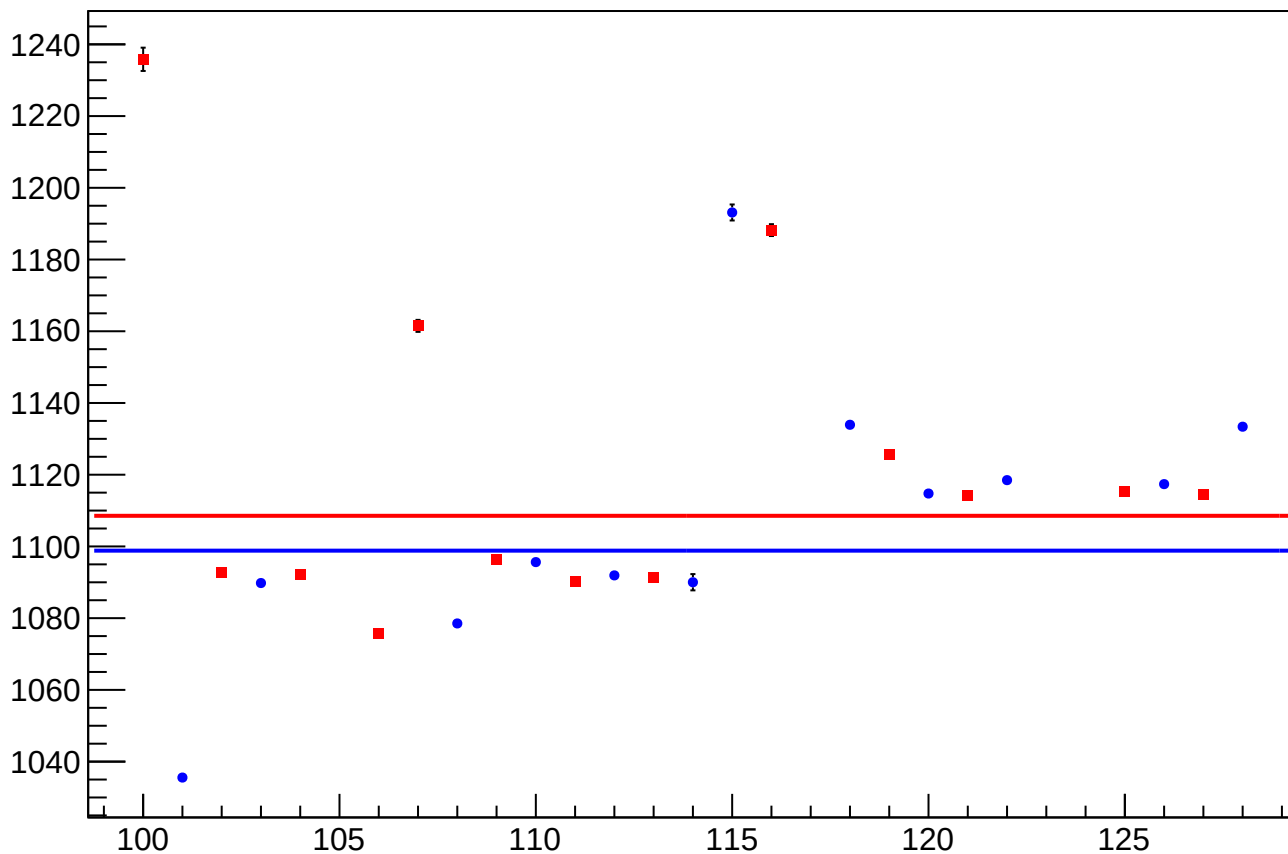
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -125.776 $\pm$ 342.587 χ^2 /NDF: 52.9/24

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

reg_asym_usl_rms vs Slug



Right In: 1098.824+/-0.347 χ^2/NDF : 9732.0/11

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

Right Out: 1108.541+/-0.338 χ^2/NDF : 6943.8/12

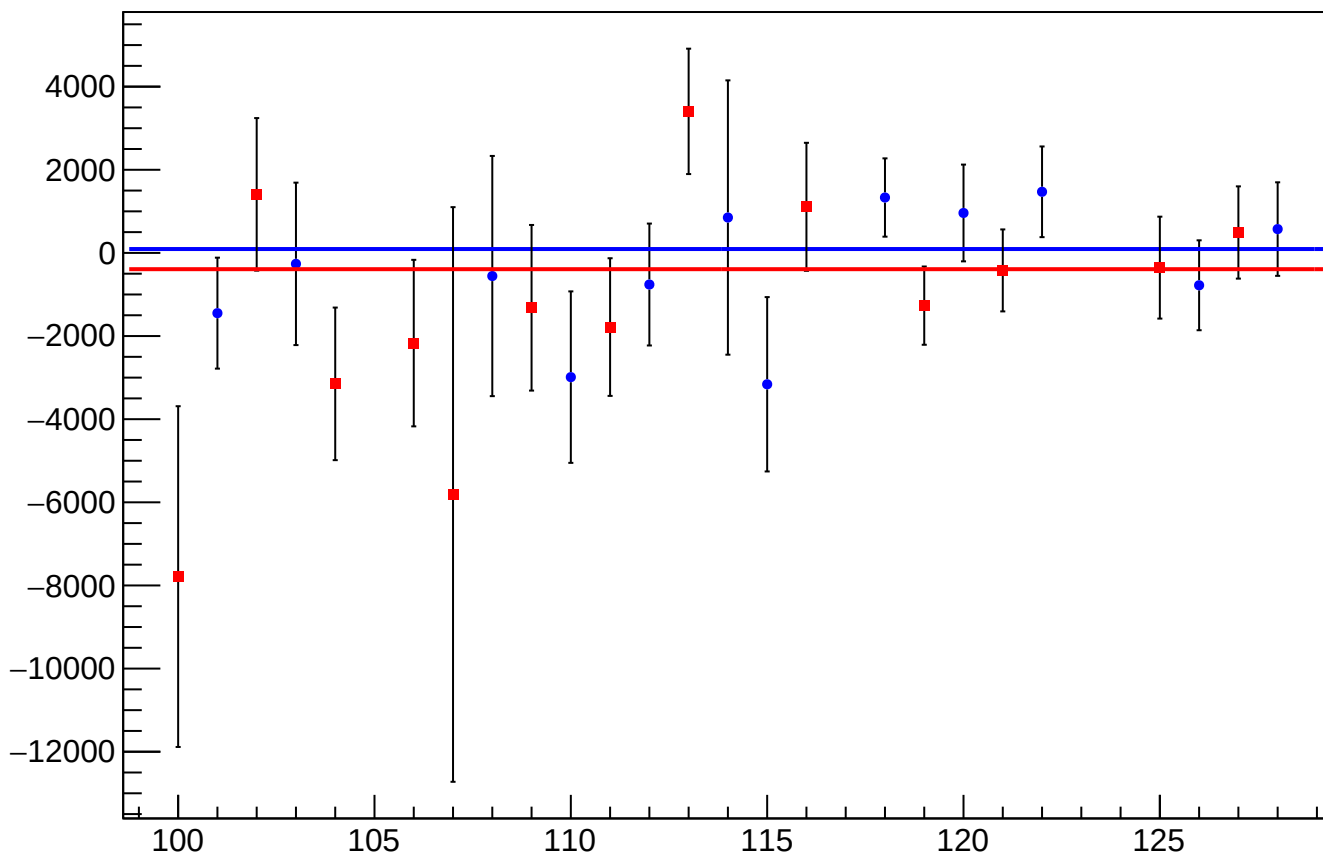
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1103.809+/-0.242 χ^2/NDF : 17077.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_reg_correction_mean vs Slug



Right In: 93.375+/-398.013 χ^2/NDF : 11.2/11

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

Right Out: -391.369+/-407.048 χ^2/NDF : 17.6/12

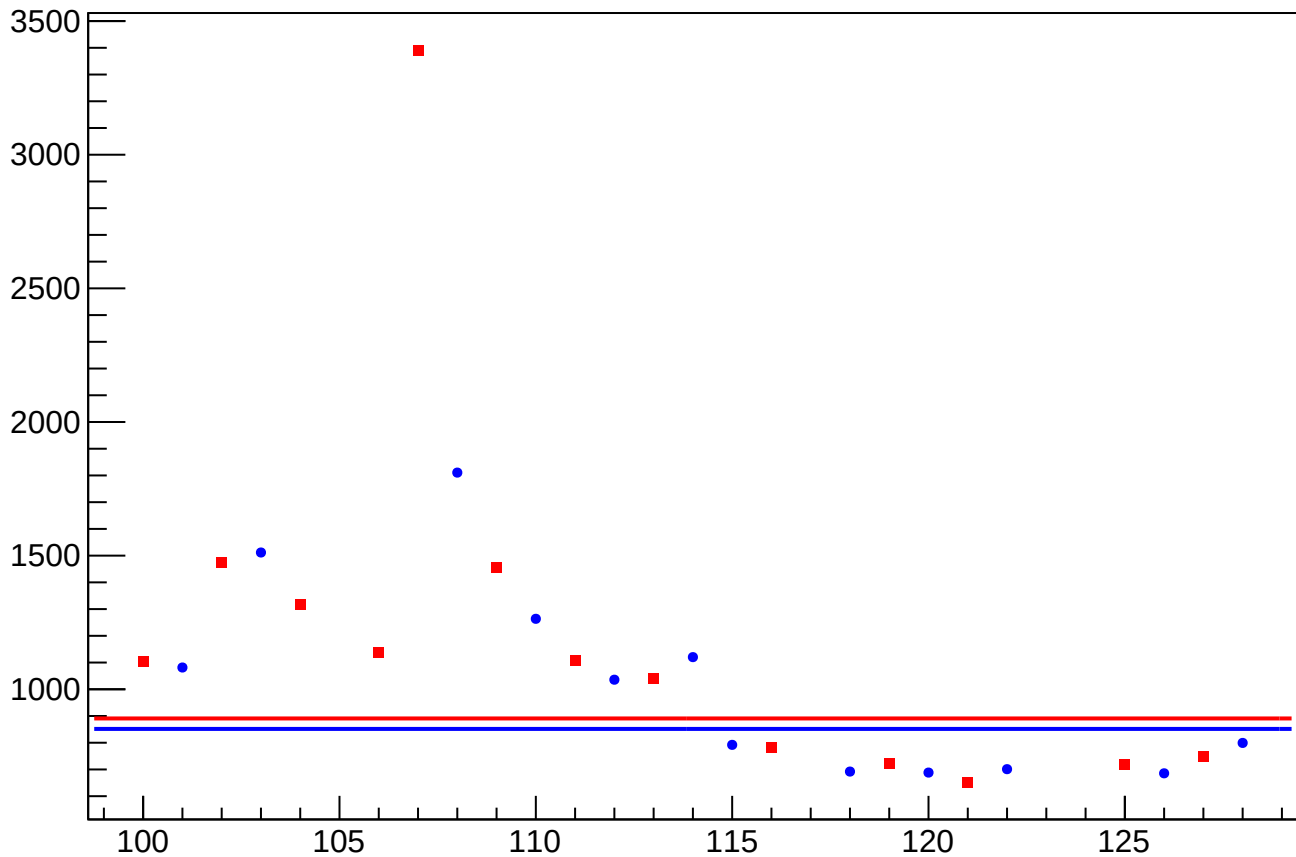
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -143.557+/-284.578 χ^2/NDF : 29.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_reg_correction_rms vs Slug



Right In: 851.662 $\pm$ 0.281 χ^2 /NDF: 820355.9/11

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

Right Out: 890.830 $\pm$ 0.288 χ^2 /NDF: 1084479.9/12

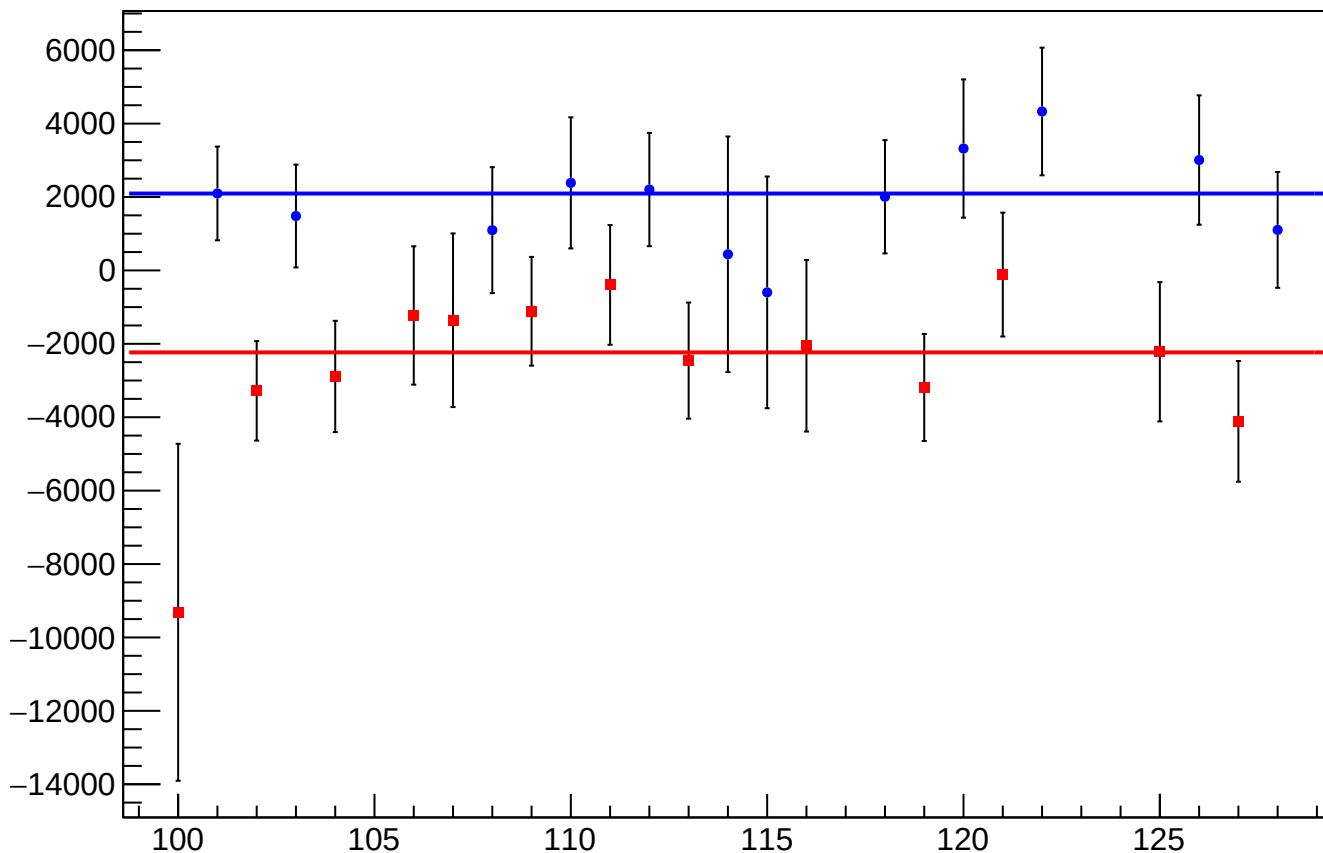
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 870.806 $\pm$ 0.201 χ^2 /NDF: 1914302.9/24

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

cor_asym_usl_mean vs Slug



Right In: 2094.666+/-490.907 χ^2/NDF : 4.3/11

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

Right Out: -2233.815+/-478.320 χ^2/NDF : 8.8/12

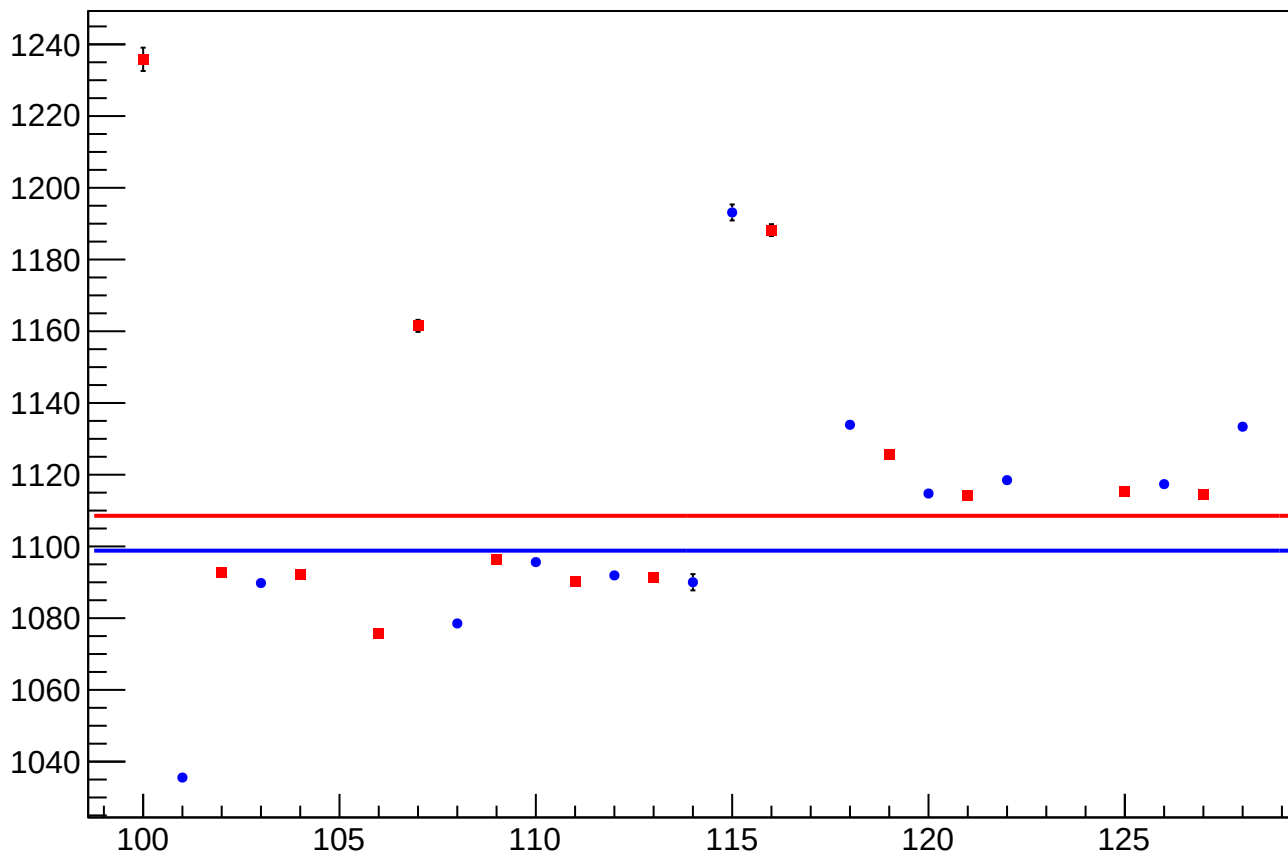
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -125.776+/-342.587 χ^2/NDF : 52.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_rms vs Slug



Right In: 1098.824+/-0.347 χ^2/NDF : 9732.0/11

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

Right Out: 1108.541+/-0.338 χ^2/NDF : 6943.8/12

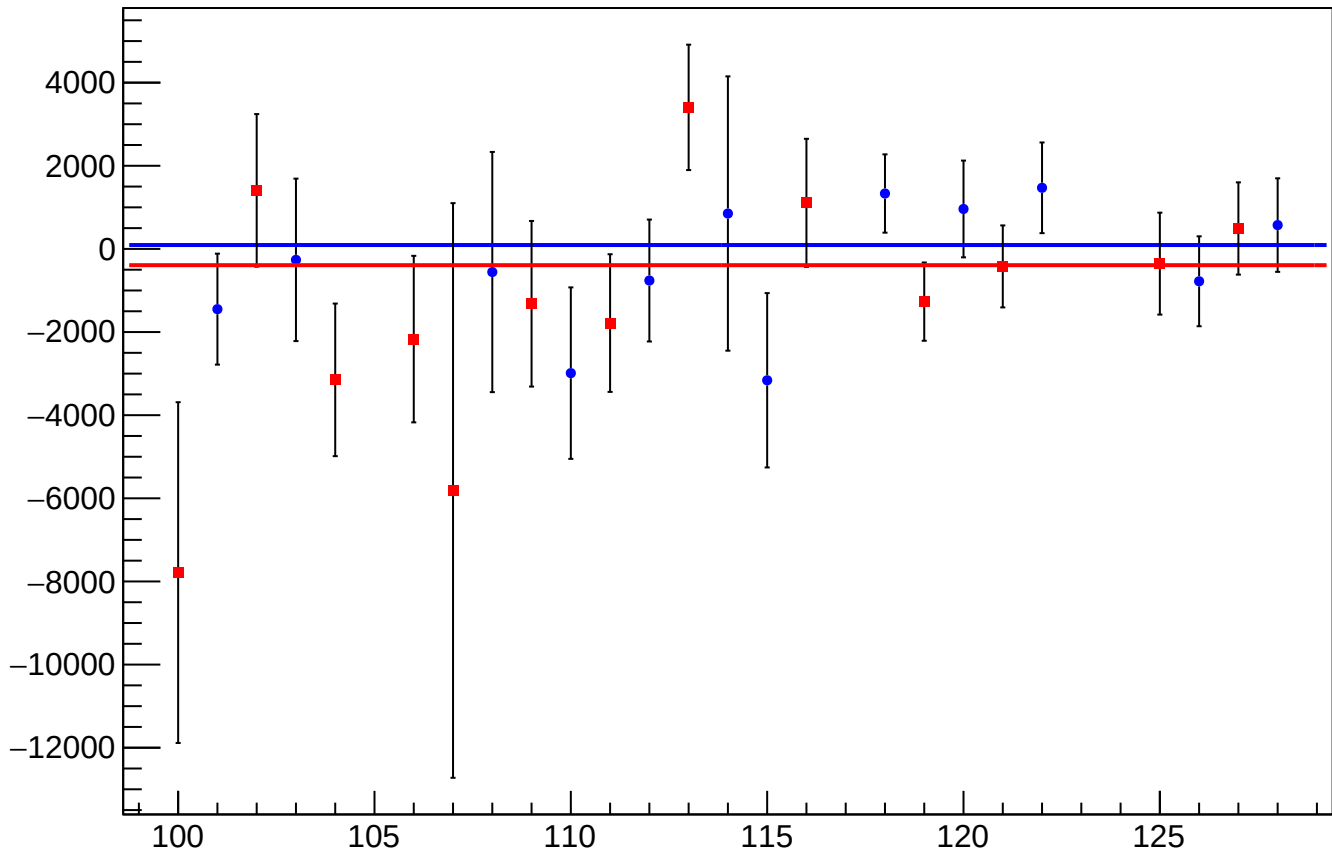
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1103.809+/-0.242 χ^2/NDF : 17077.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_cor_correction_mean vs Slug



Right In: 93.375+/-398.013 χ^2/NDF : 11.2/11

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

Right Out: -391.369+/-407.048 χ^2/NDF : 17.6/12

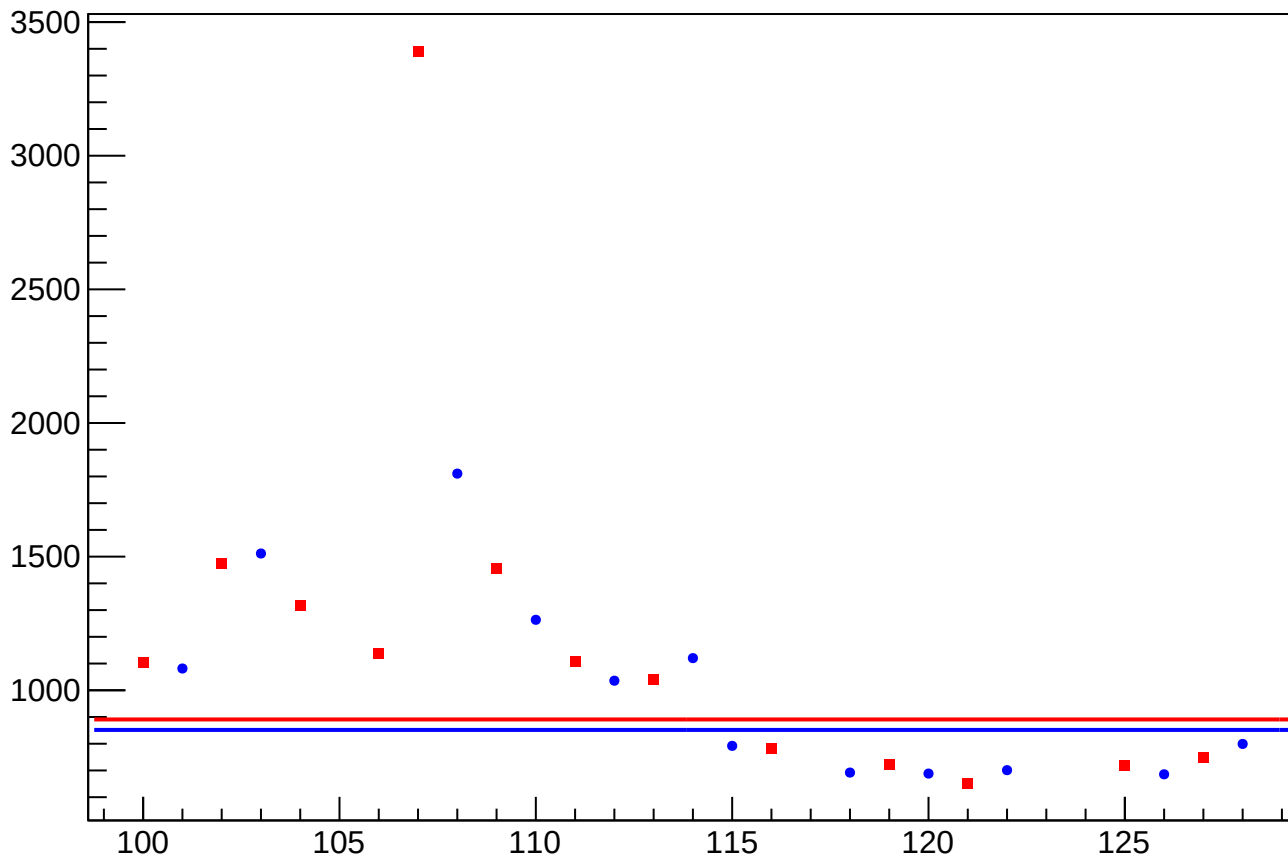
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -143.557+/-284.578 χ^2/NDF : 29.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_cor_correction_rms vs Slug



Right In: 851.662 $\pm$ 0.281 χ^2 /NDF: 820355.9/11

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

Right Out: 890.830 $\pm$ 0.288 χ^2 /NDF: 1084479.9/12

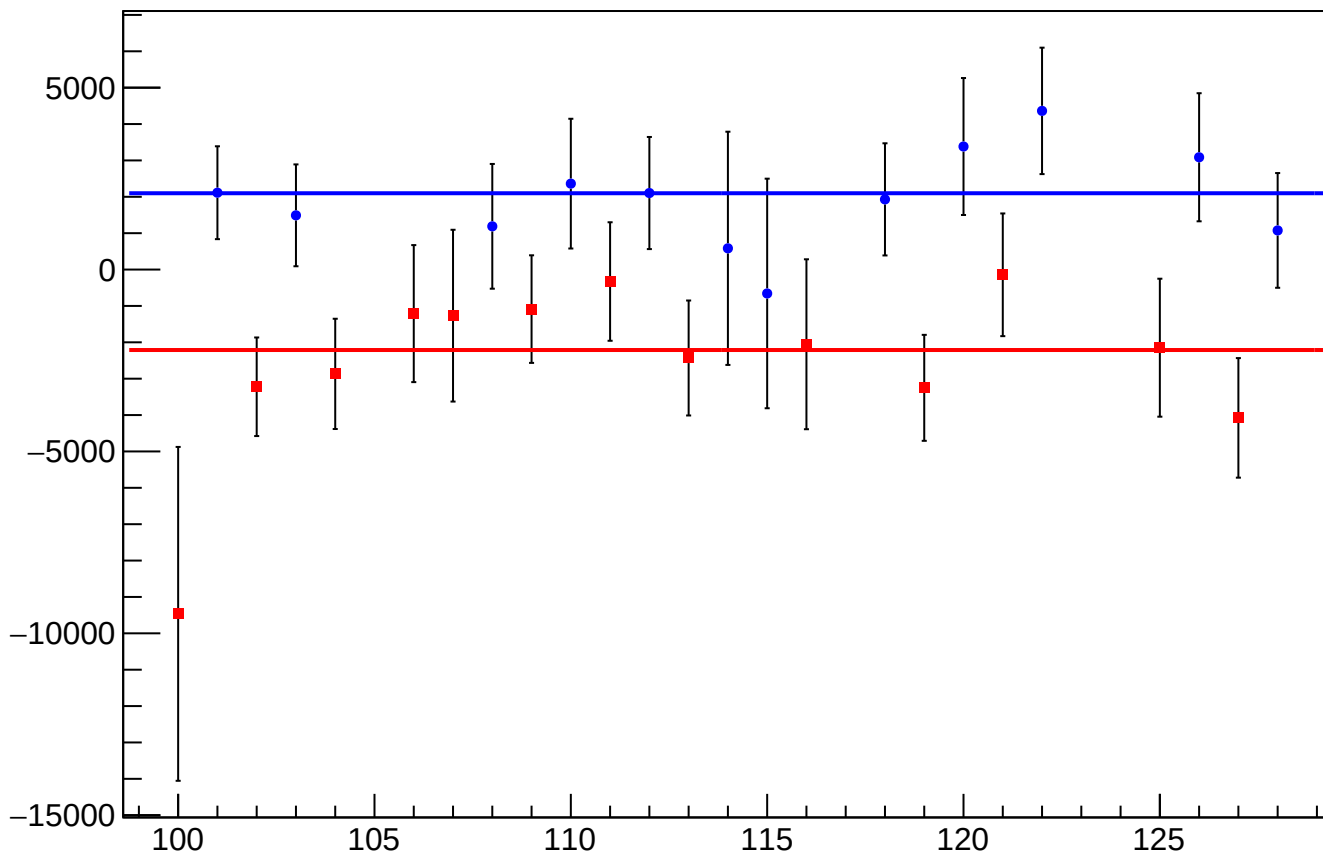
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 870.806 $\pm$ 0.201 χ^2 /NDF: 1914302.9/24

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

overload_cor_asym_usl_mean vs Slug



Right In: 2097.996+/-490.515 χ^2/NDF : 4.4/11

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

Right Out: -2211.854+/-477.925 χ^2/NDF : 8.9/12

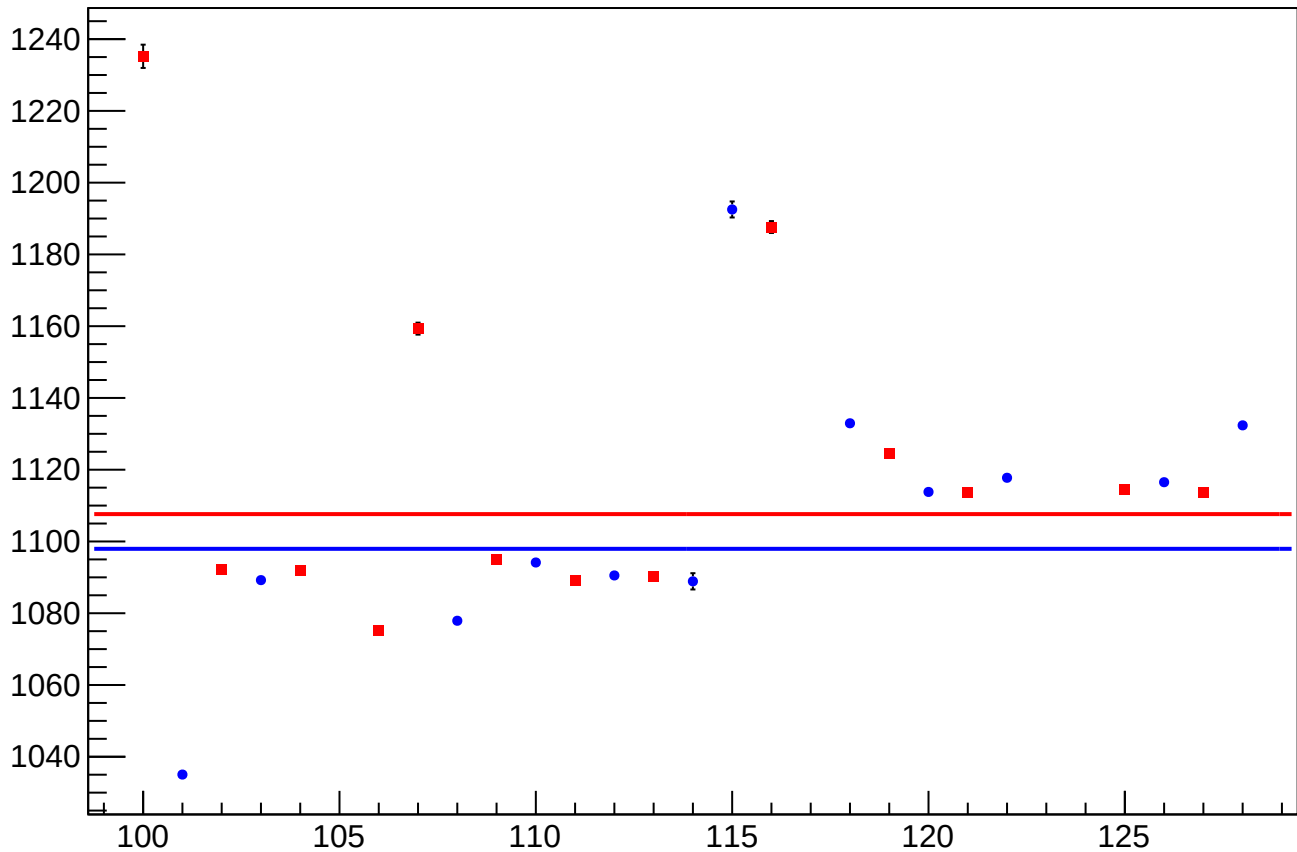
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -112.950+/-342.309 χ^2/NDF : 52.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

overload_cor_asym_usl_rms vs Slug



Right In: 1097.950+/-0.347 χ^2/NDF : 9684.0/11

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

Right Out: 1107.626+/-0.338 χ^2/NDF : 6917.7/12

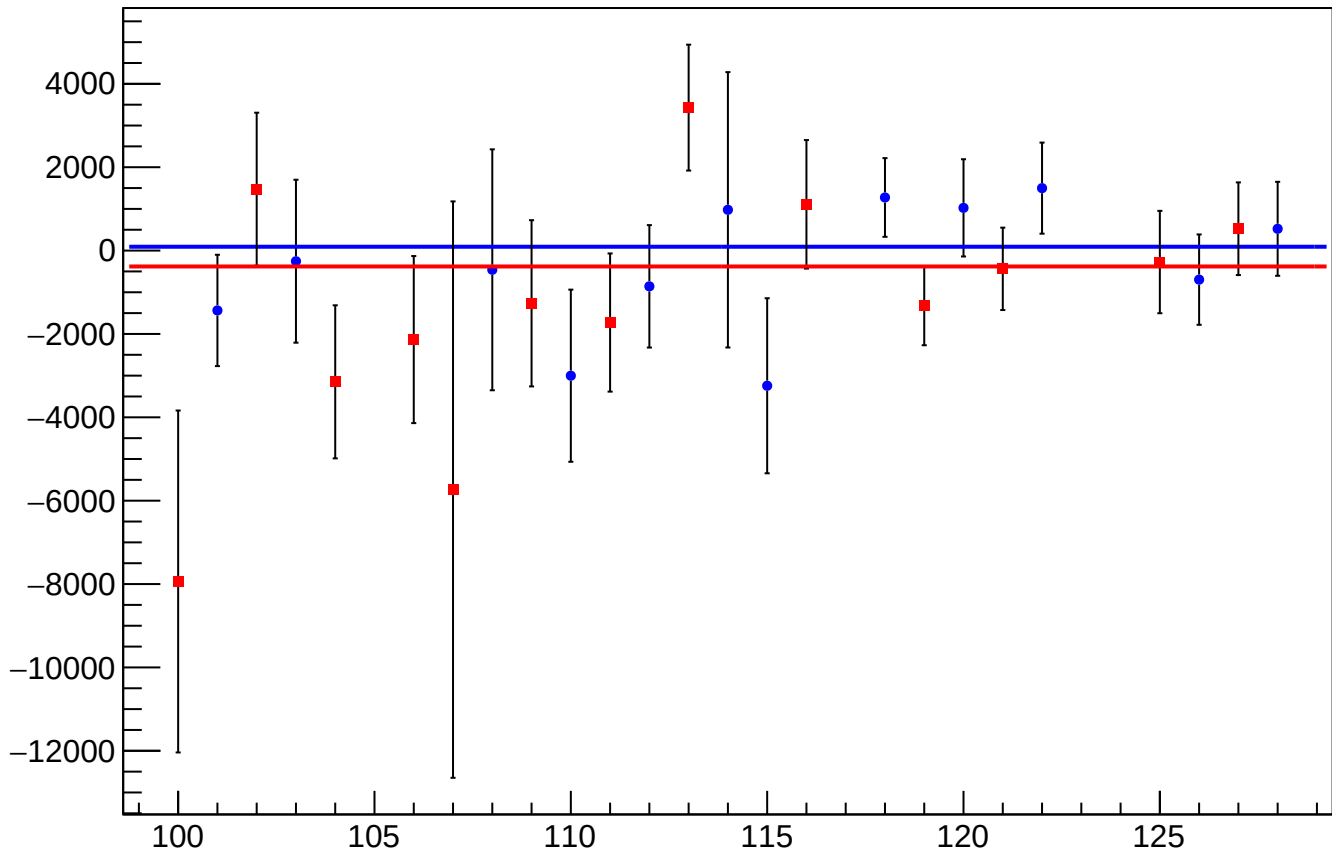
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1102.914+/-0.242 χ^2/NDF : 17000.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_overload_cor_correction_mean vs Slug



Right In: 92.354+/-398.665 χ^2/NDF : 11.2/11

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

Right Out: -381.170+/-407.656 χ^2/NDF : 17.9/12

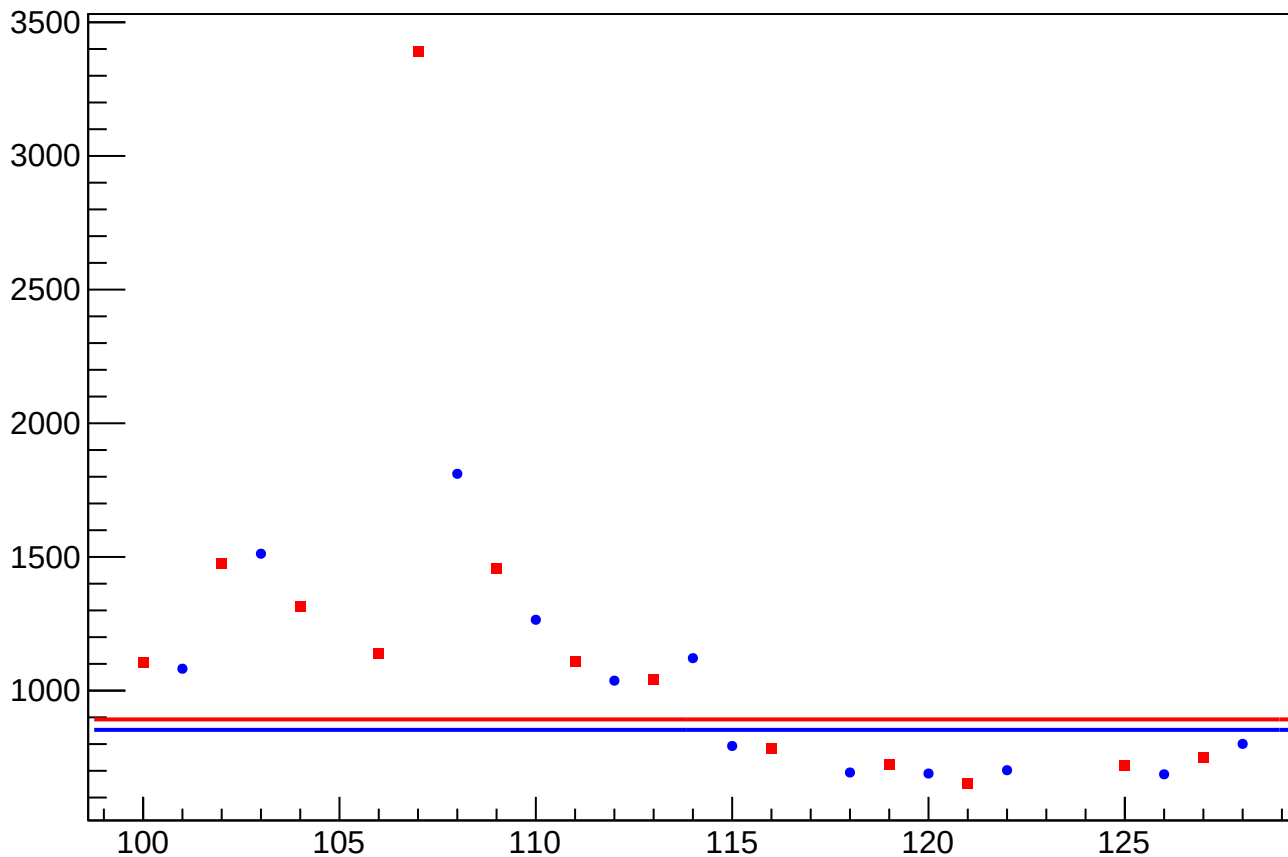
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -139.129+/-285.024 χ^2/NDF : 29.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_overload_cor_correction_rms vs Slug



Right In: 853.206+/-0.282 χ^2/NDF : 817286.0/11

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

Right Out: 892.330+/-0.288 χ^2/NDF : 1081030.1/12

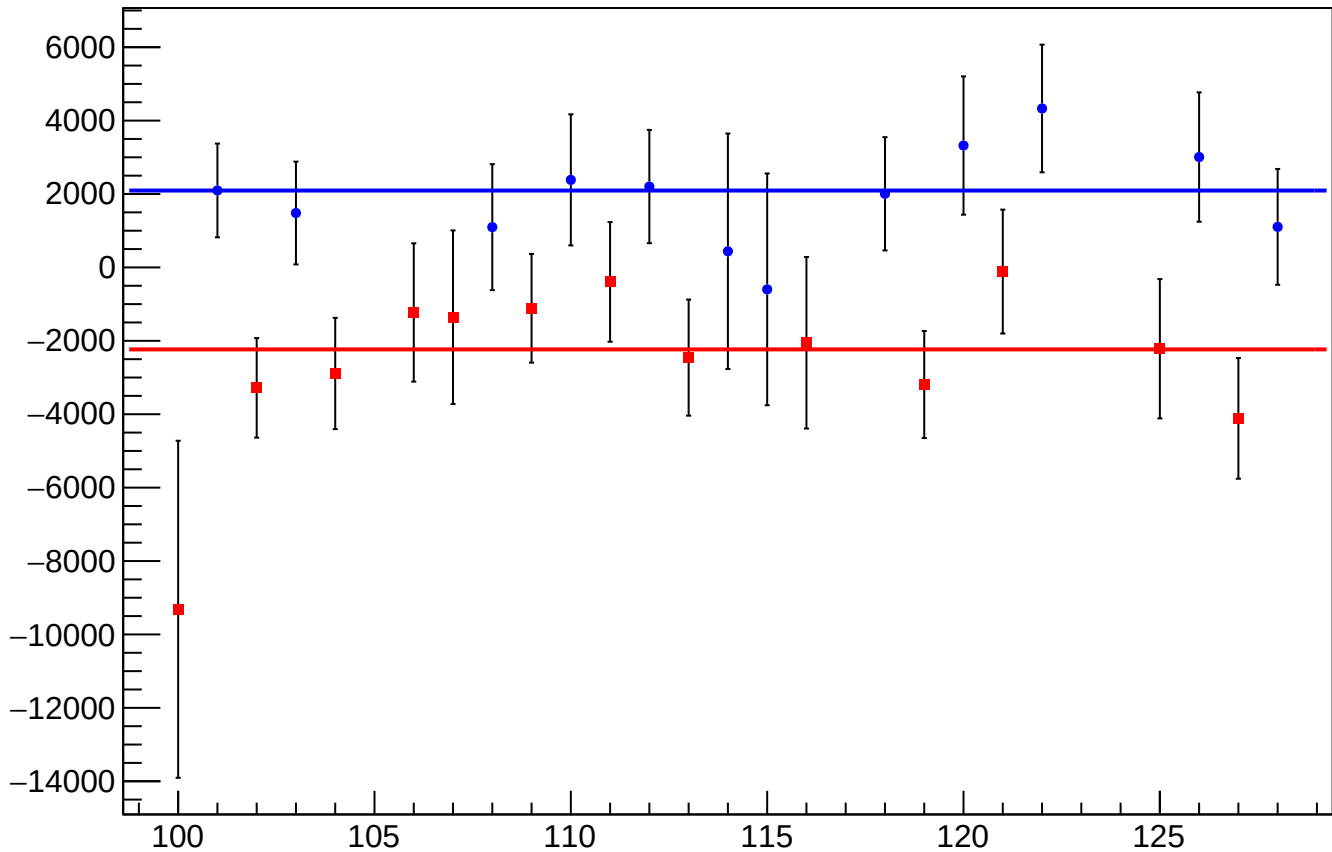
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 872.332+/-0.202 χ^2/NDF : 1907732.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_mean vs Slug



Right In: 2094.666+/-490.907 χ^2/NDF : 4.3/11

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

Right Out: -2233.815+/-478.320 χ^2/NDF : 8.8/12

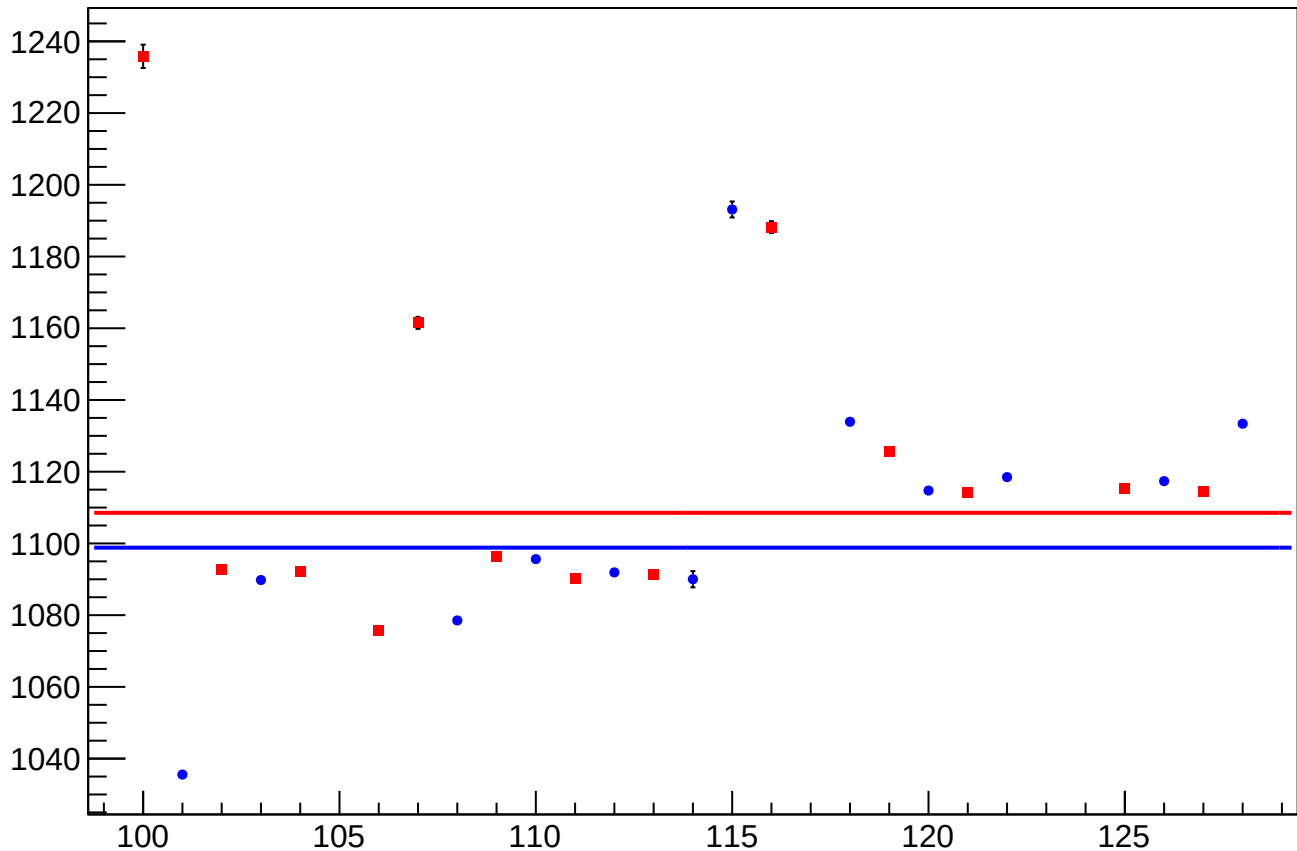
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -125.776+/-342.587 χ^2/NDF : 52.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_rms vs Slug



Right In: 1098.824+/-0.347 χ^2/NDF : 9732.0/11

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

Right Out: 1108.541+/-0.338 χ^2/NDF : 6943.8/12

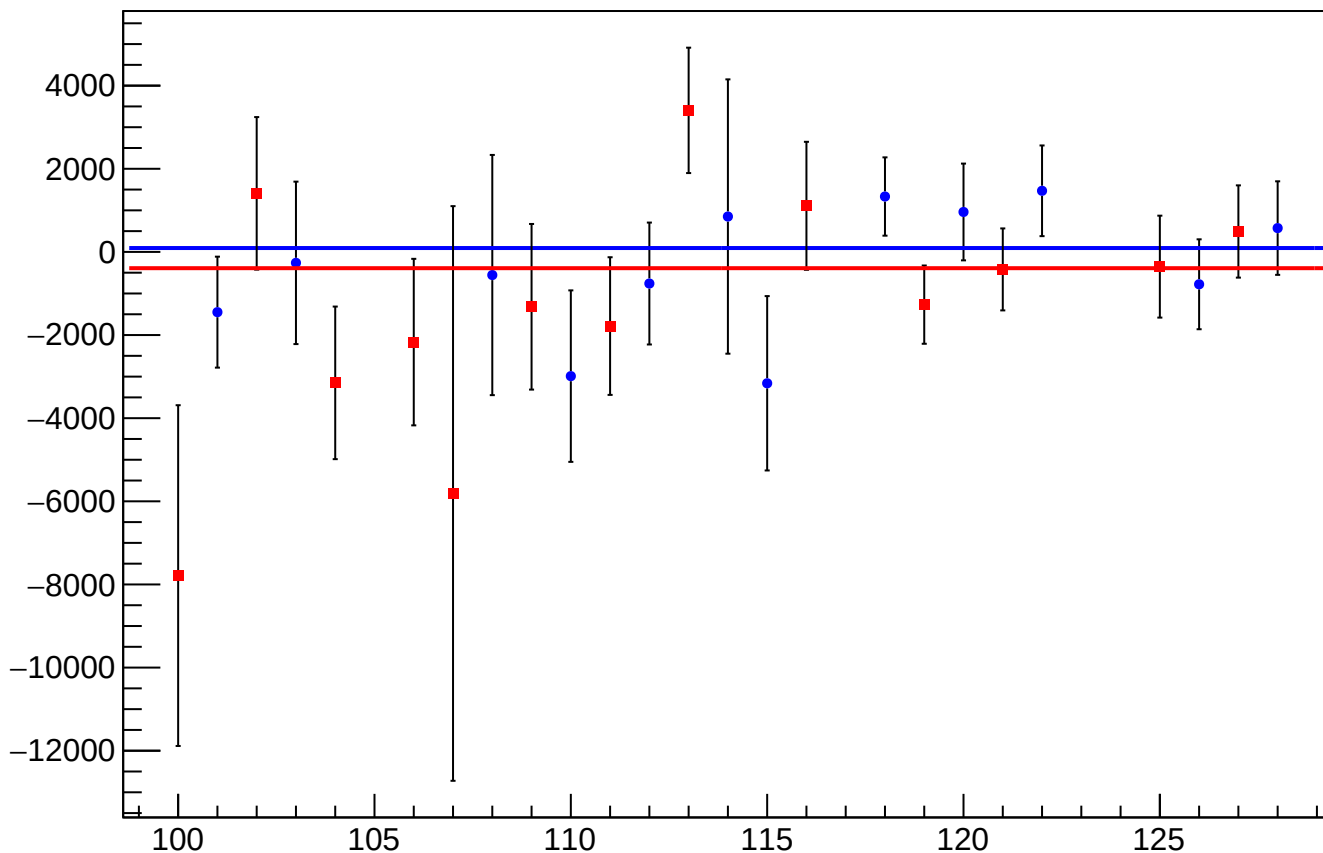
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1103.809+/-0.242 χ^2/NDF : 17077.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_cor_correction_mean vs Slug



Right In: 93.375+/-398.013 χ^2/NDF : 11.2/11

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

Right Out: -391.369+/-407.048 χ^2/NDF : 17.6/12

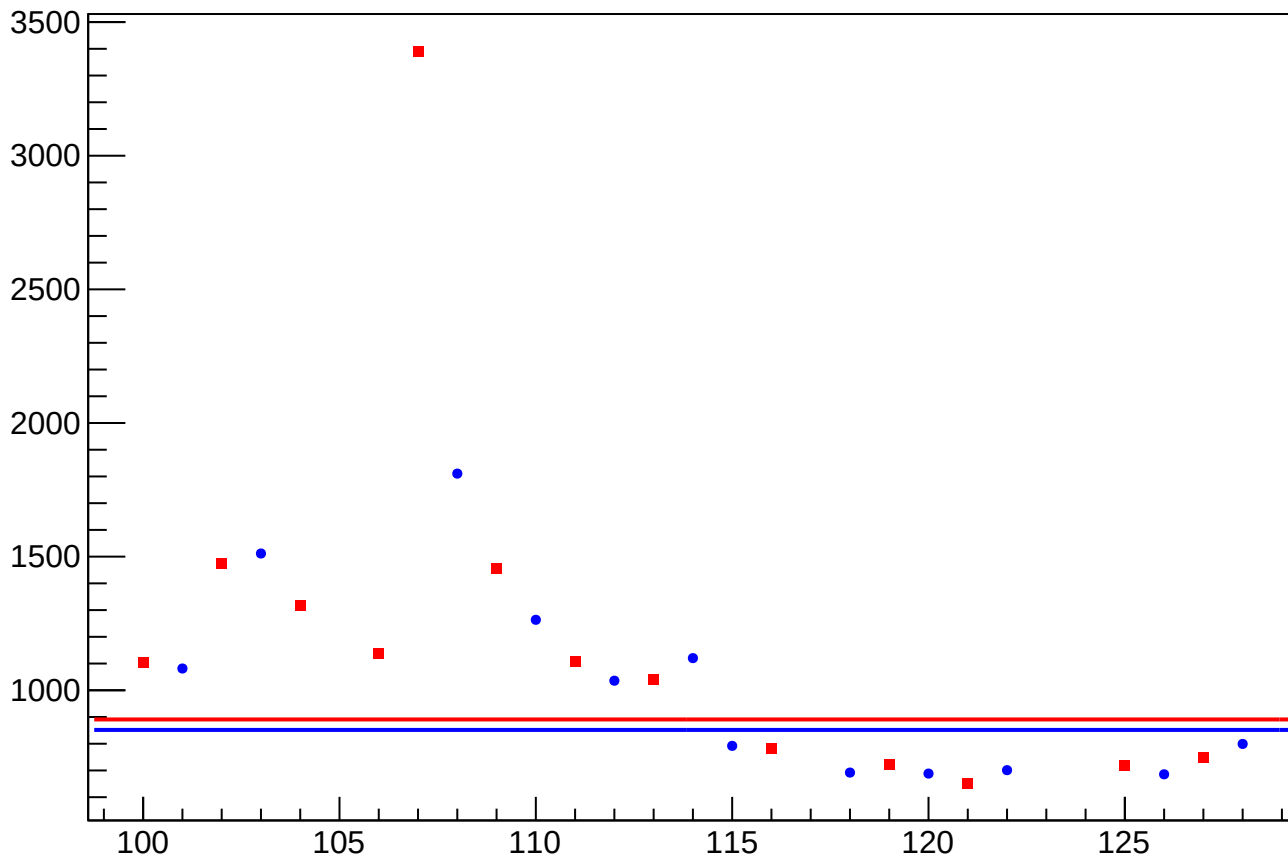
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -143.557+/-284.578 χ^2/NDF : 29.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_cor_correction_rms vs Slug



Right In: 851.662 $\pm$ 0.281 χ^2 /NDF: 820355.9/11

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

Right Out: 890.830 $\pm$ 0.288 χ^2 /NDF: 1084479.9/12

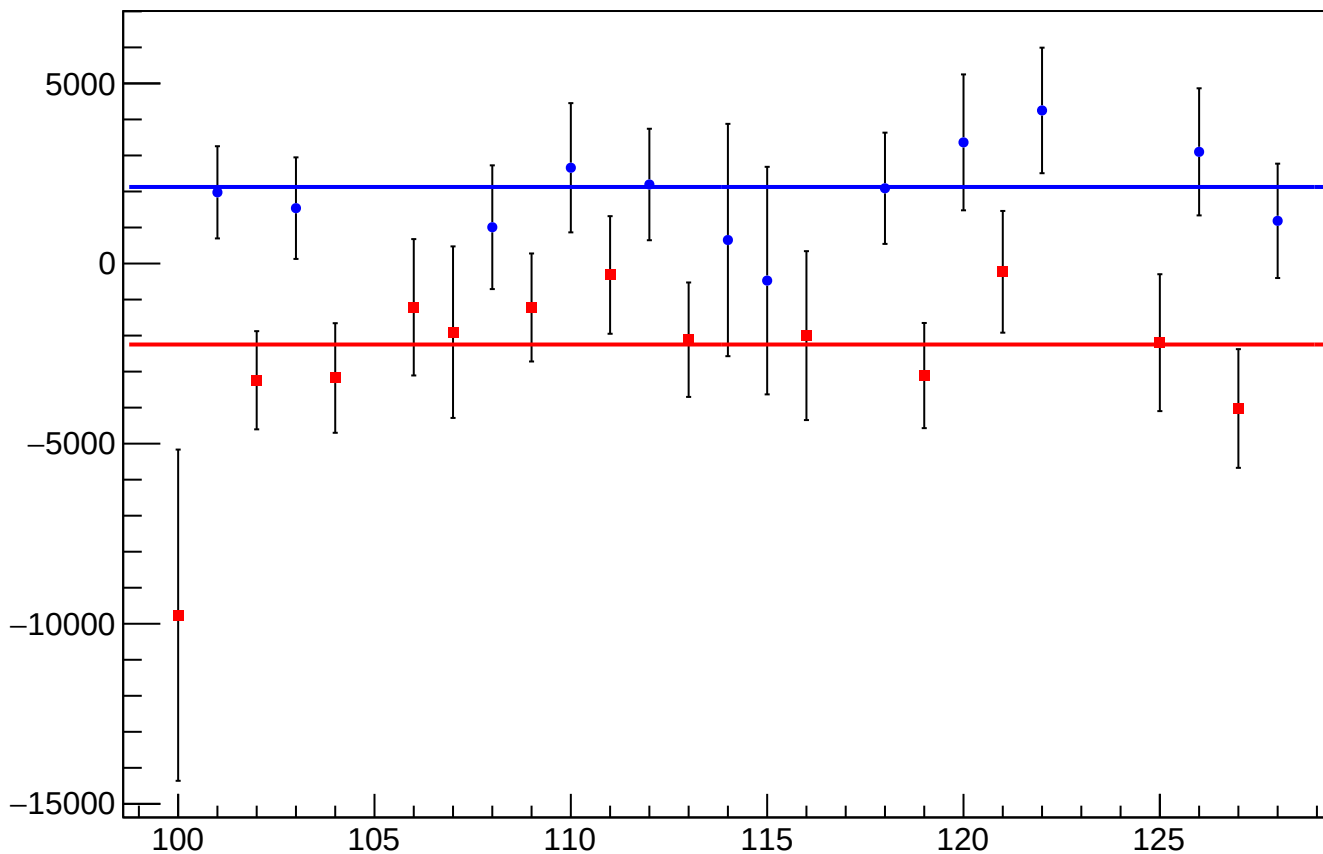
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 870.806 $\pm$ 0.201 χ^2 /NDF: 1914302.9/24

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

dit_asym_usl_mean vs Slug



Right In: 2125.395 $\pm$ 492.354 χ^2 /NDF: 4.2/11

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

Right Out: -2248.017 $\pm$ 480.208 χ^2 /NDF: 8.7/12

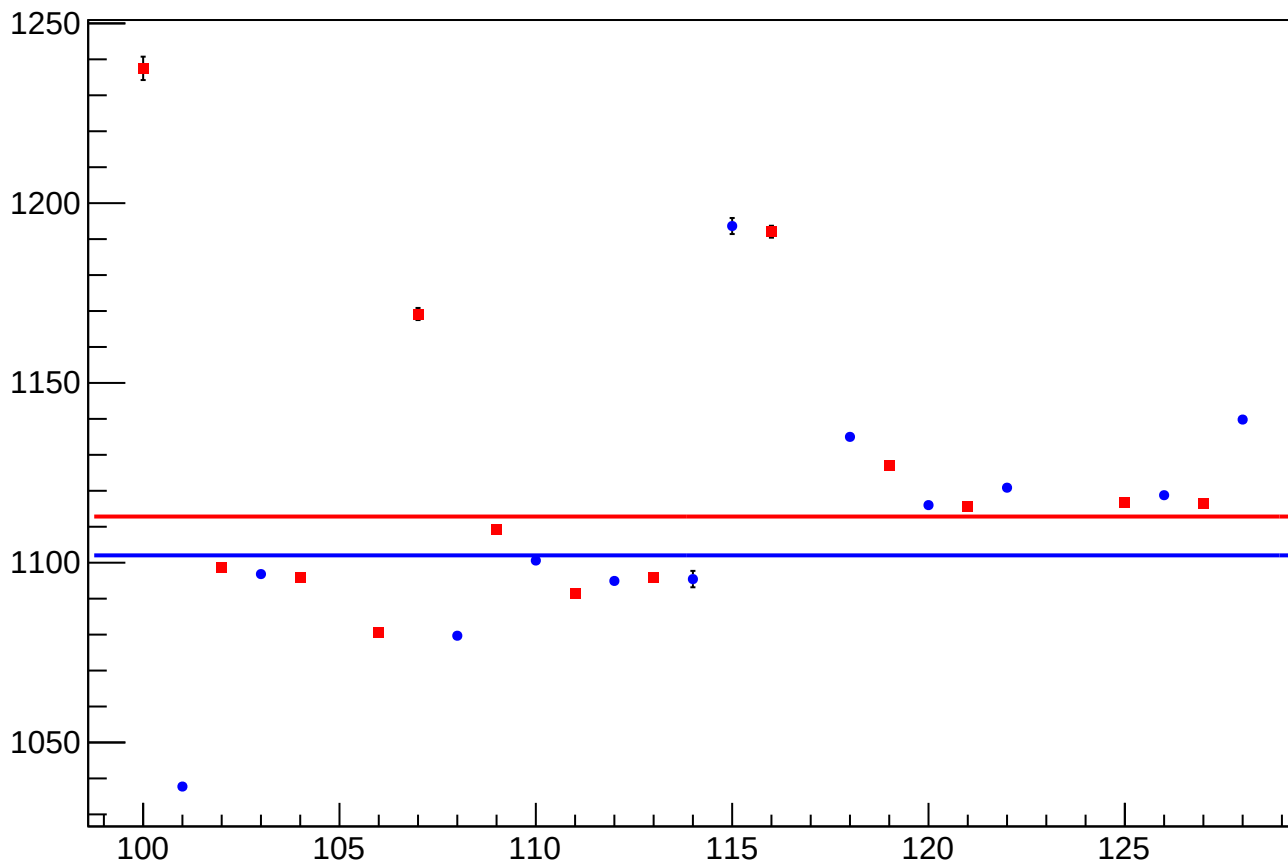
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -115.919 $\pm$ 343.772 χ^2 /NDF: 53.3/24

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

dit_asym_usl_rms vs Slug



Right In: 1102.039+/-0.348 χ^2/NDF : 9714.3/11

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

Right Out: 1112.839+/-0.340 χ^2/NDF : 6710.1/12

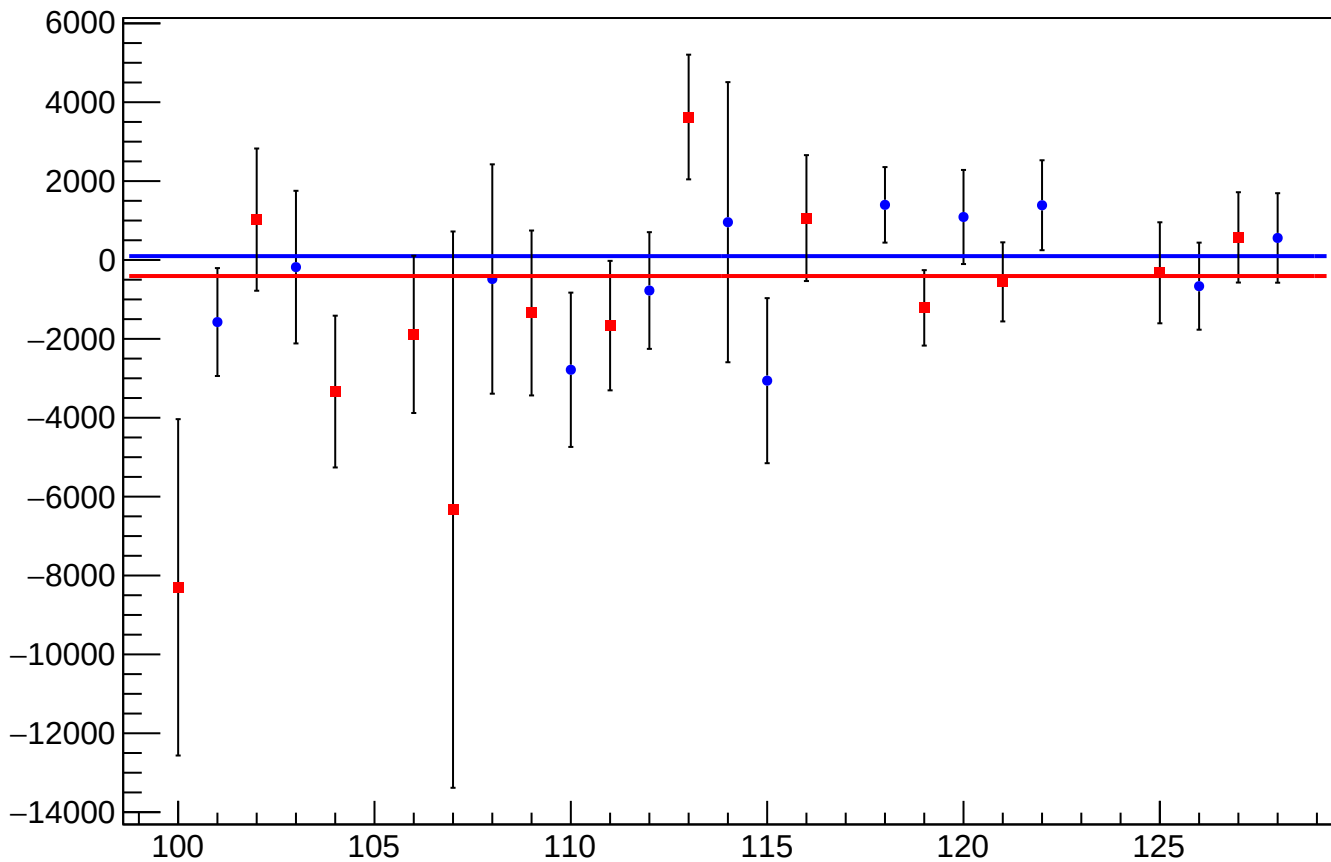
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1107.574+/-0.243 χ^2/NDF : 16917.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_dit_correction_mean vs Slug



Right In: 97.782+/-404.686 χ^2/NDF : 10.9/11

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

Right Out: -406.906+/-416.770 χ^2/NDF : 17.2/12

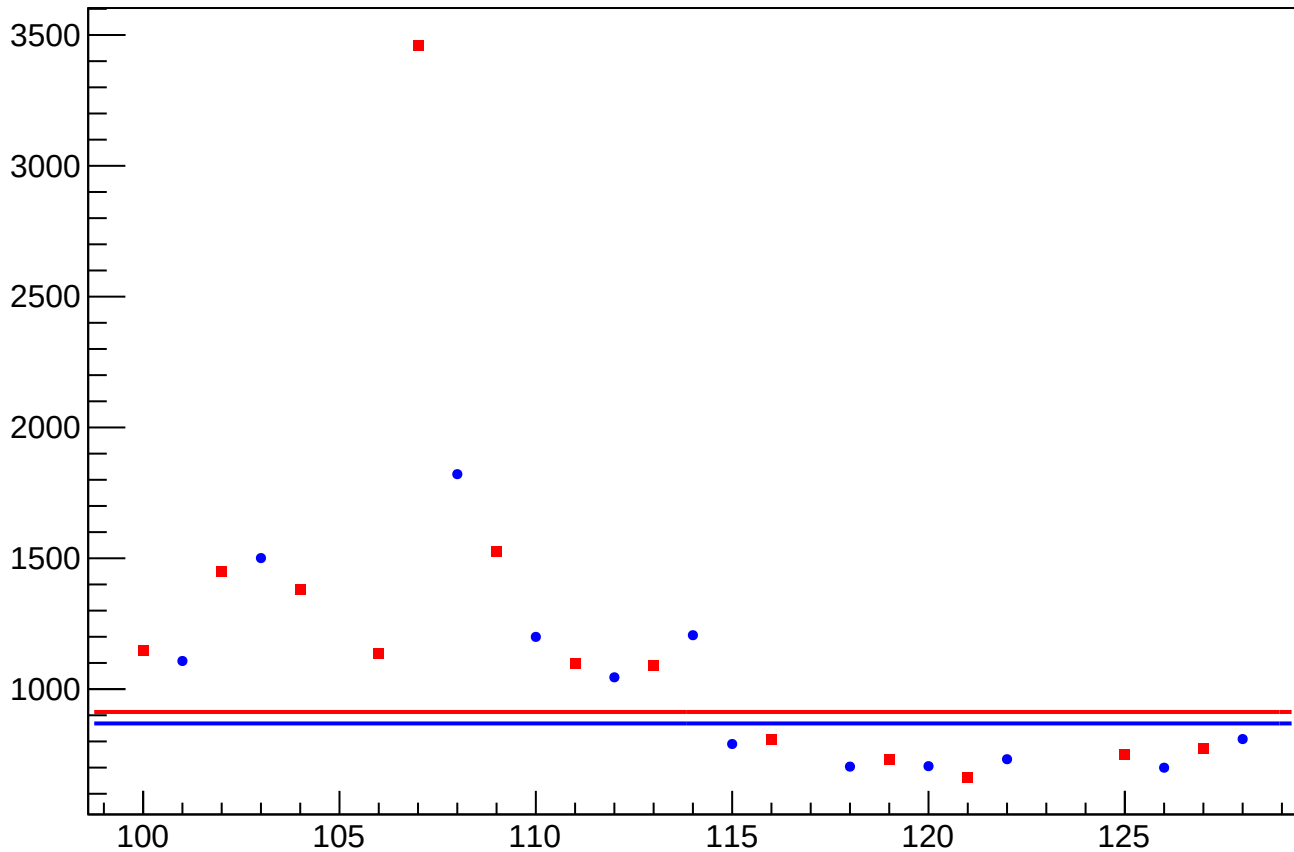
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -147.140+/-290.334 χ^2/NDF : 28.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_dit_correction_rms vs Slug



Right In: 868.757+/-0.286 χ^2/NDF : 773637.4/11

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

Right Out: 912.610+/-0.295 χ^2/NDF : 1077265.8/12

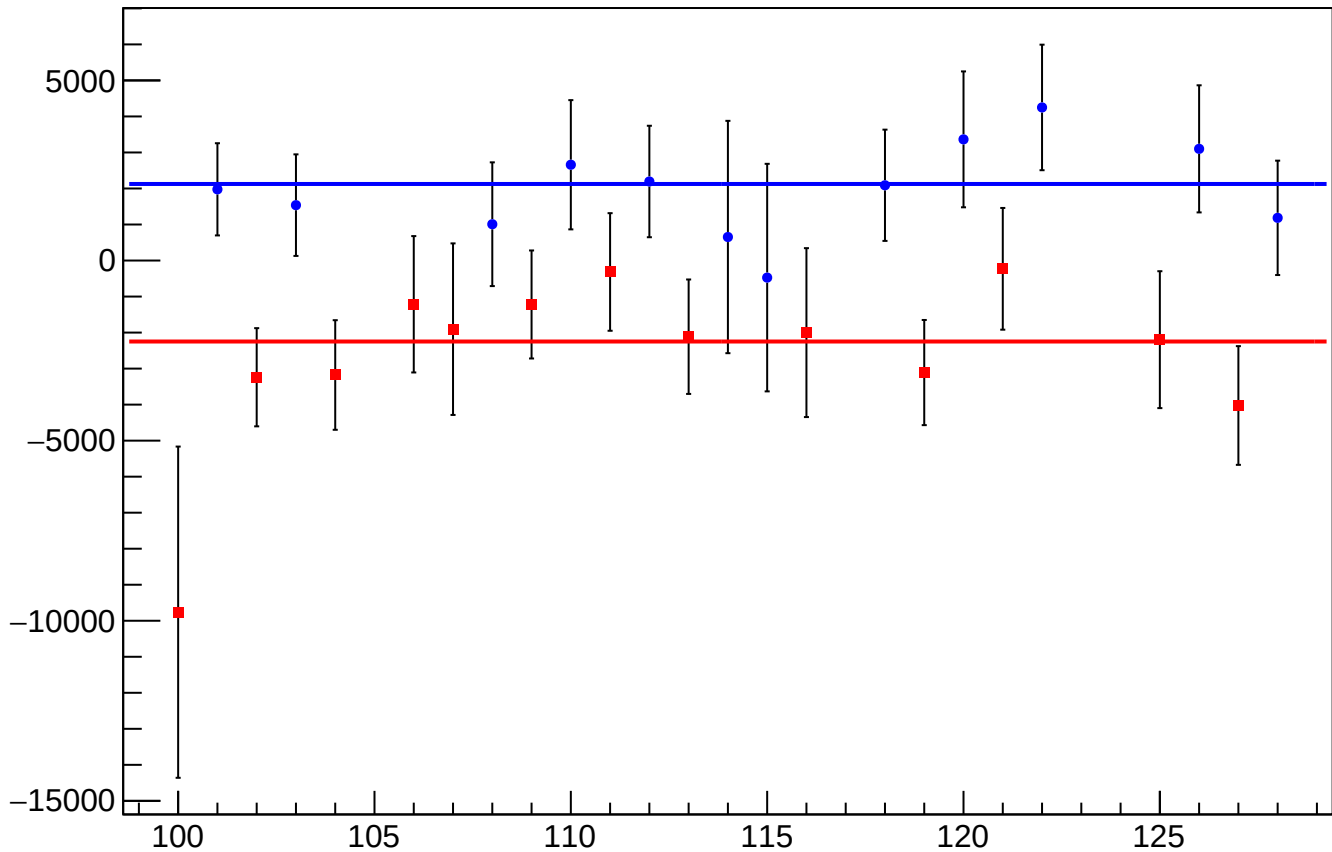
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 890.038+/-0.205 χ^2/NDF : 1862300.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_mean vs Slug



Right In: 2125.395 $\pm$ 492.354 χ^2 /NDF: 4.2/11

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

Right Out: -2248.014 $\pm$ 480.208 χ^2 /NDF: 8.7/12

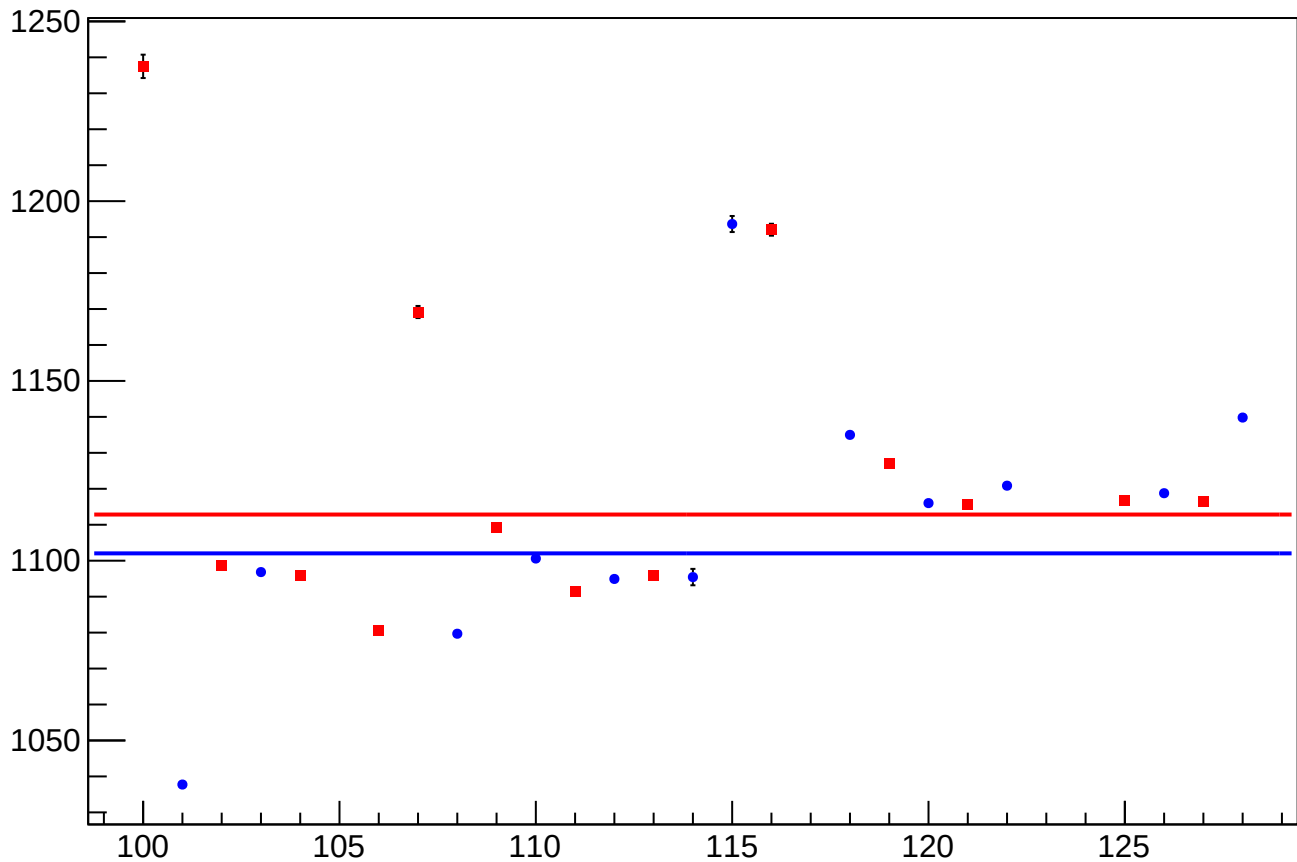
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -115.917 $\pm$ 343.772 χ^2 /NDF: 53.3/24

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

eigen_dit_asym_usl_rms vs Slug



Right In: 1102.039+/-0.348 χ^2/NDF : 9714.3/11

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

Right Out: 1112.839+/-0.340 χ^2/NDF : 6710.1/12

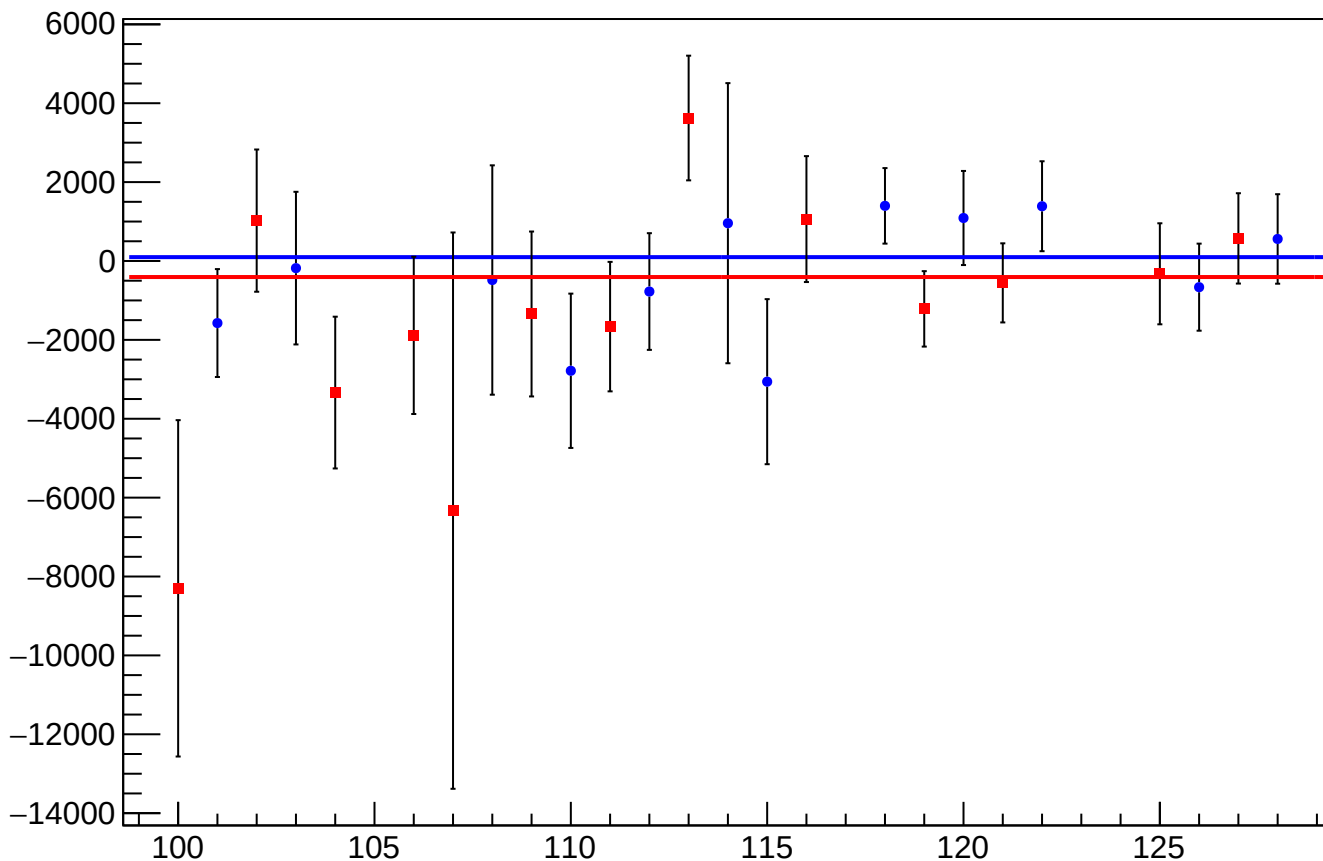
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1107.574+/-0.243 χ^2/NDF : 16917.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_correction_mean vs Slug



Right In: 97.782+/-404.685 χ^2/NDF : 10.9/11

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

Right Out: -406.906+/-416.769 χ^2/NDF : 17.2/12

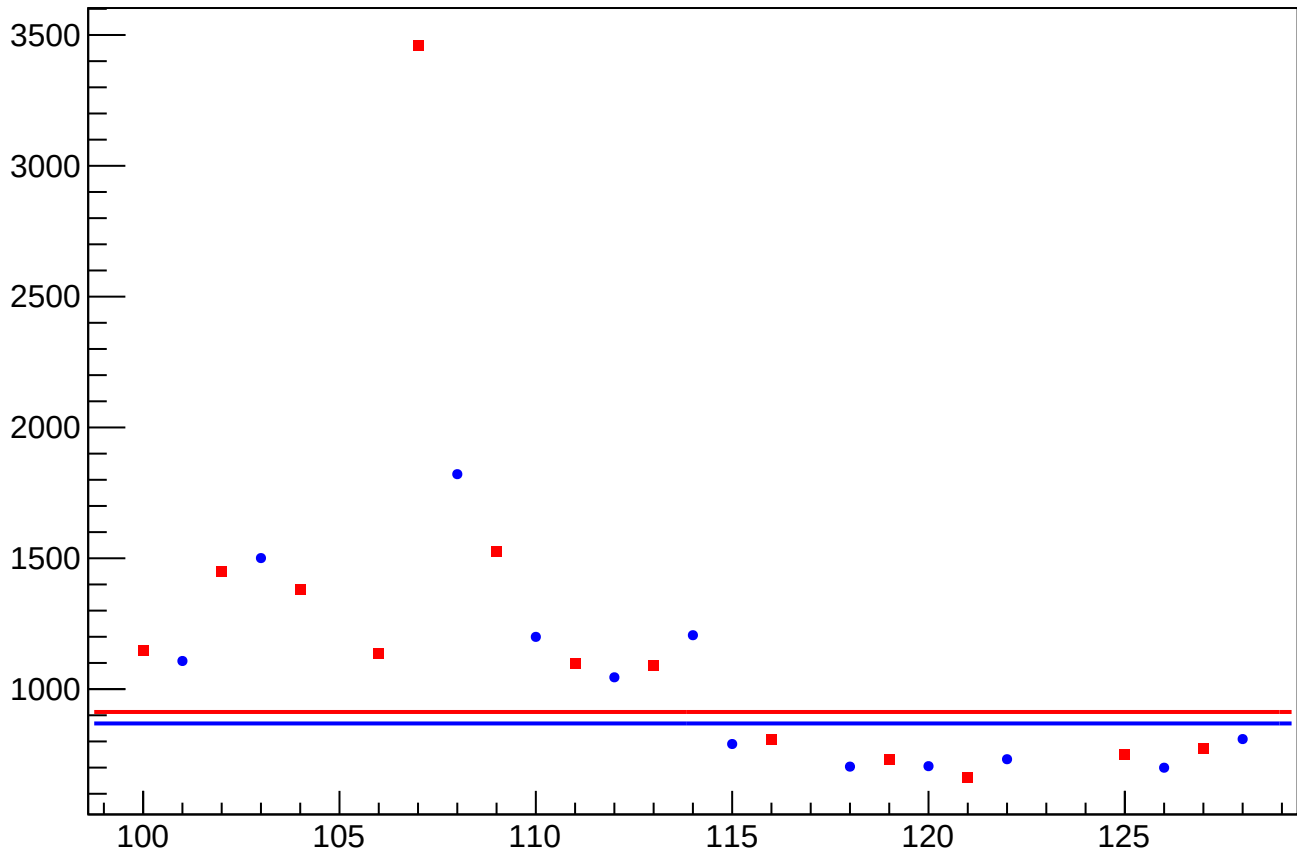
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -147.139+/-290.334 χ^2/NDF : 28.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_correction_rms vs Slug



Right In: 868.755+/-0.286 χ^2/NDF : 773640.1/11

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

Right Out: 912.608+/-0.295 χ^2/NDF : 1077267.1/12

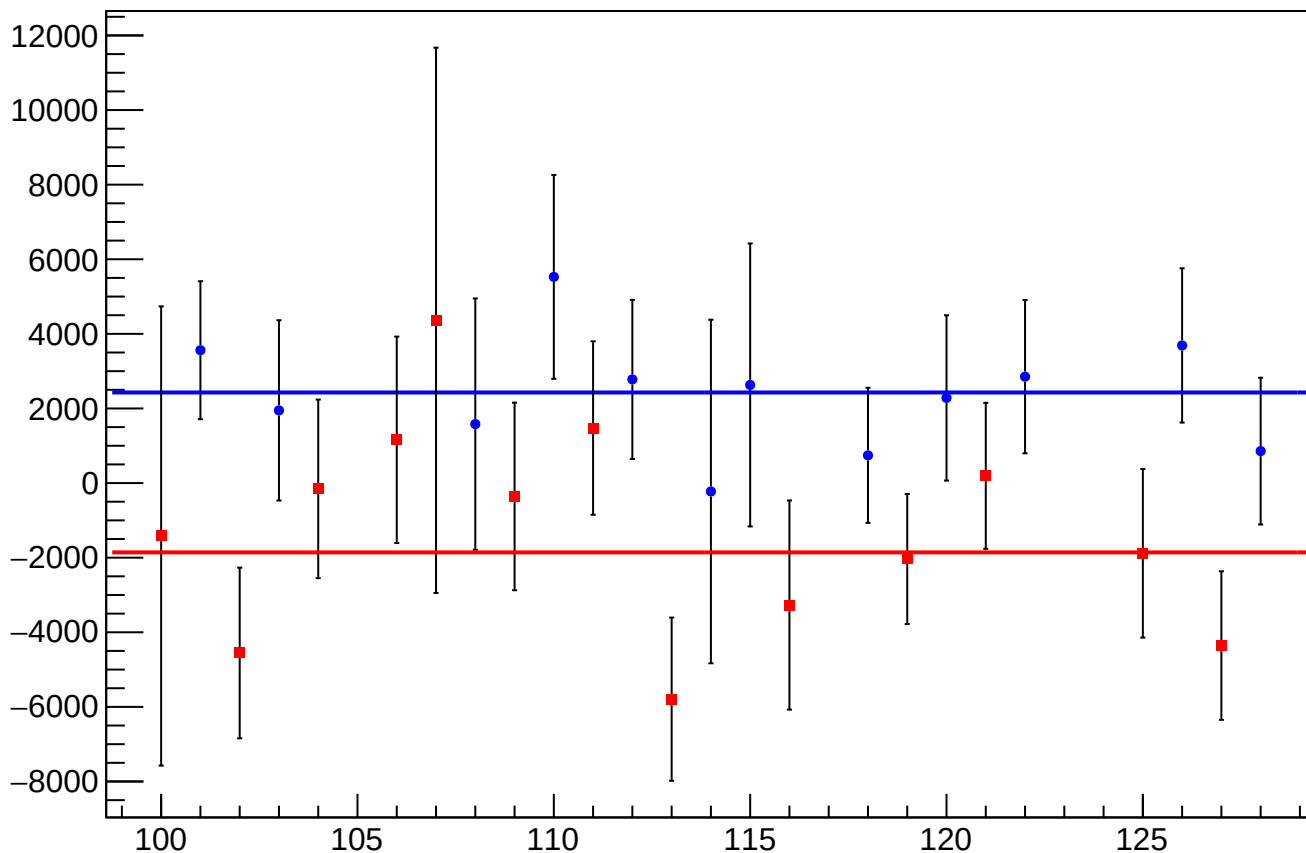
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 890.036+/-0.205 χ^2/NDF : 1862304.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_mean vs Slug



Right In: 2428.795 $\pm$ 665.188 χ^2 /NDF: 4.0/11

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

Right Out: -1858.521 $\pm$ 665.398 χ^2 /NDF: 12.4/12

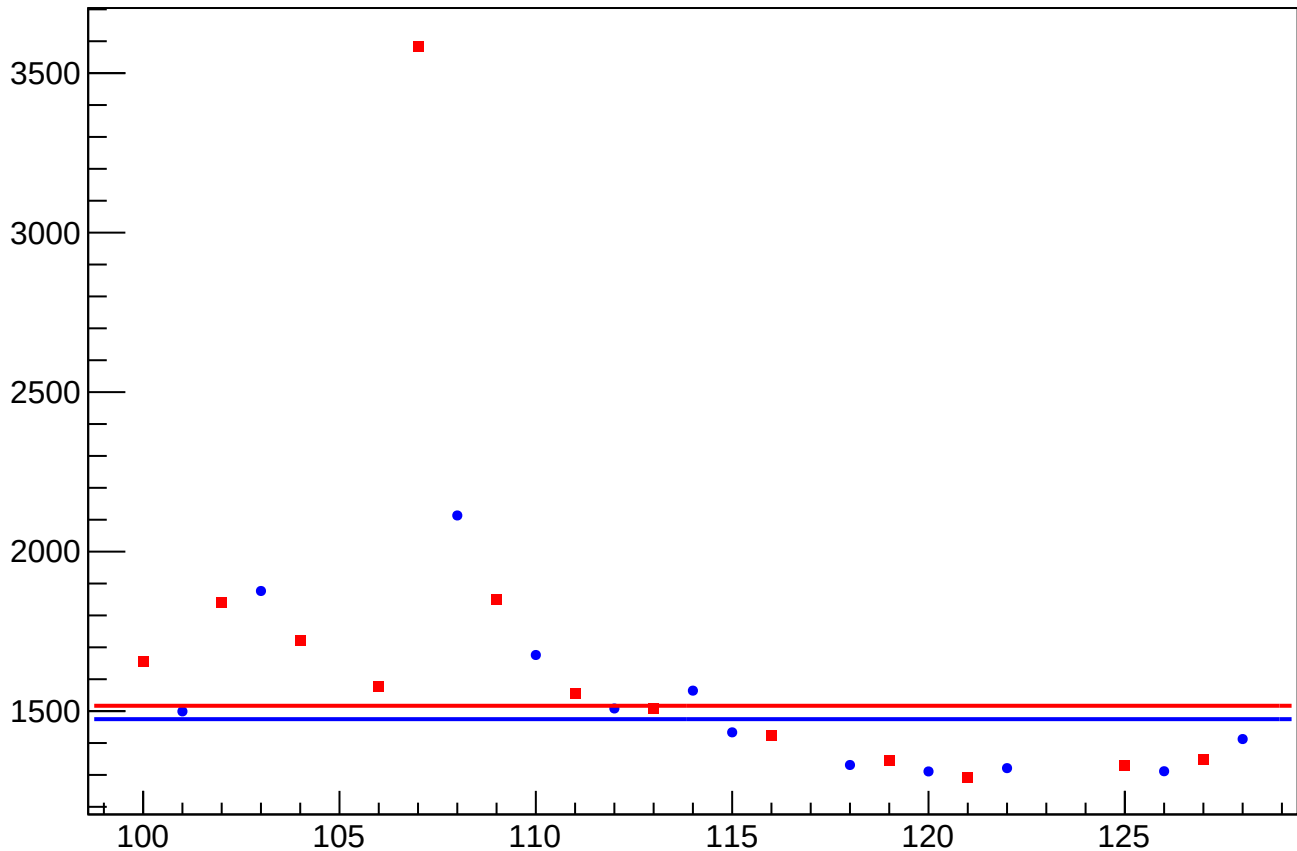
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 285.814 $\pm$ 470.433 χ^2 /NDF: 37.2/24

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

asym_usl_rms vs Slug



Right In: 1474.821+/-0.470 χ^2/NDF : 189013.8/11

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

Right Out: 1516.773+/-0.471 χ^2/NDF : 328904.1/12

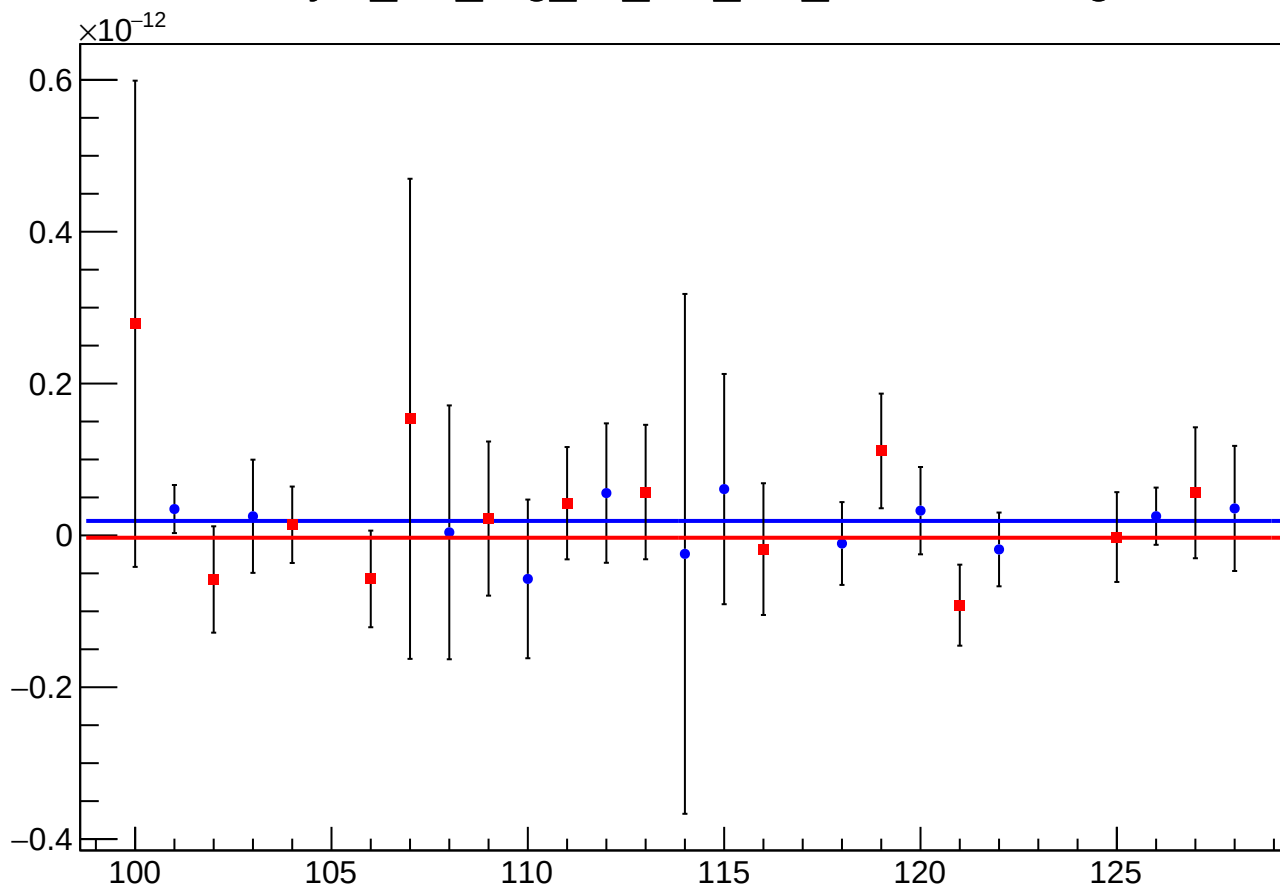
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1495.790+/-0.333 χ^2/NDF : 521894.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 2.1/11

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

Right Out: -0.000 ± 0.000 χ^2/NDF : 8.9/12

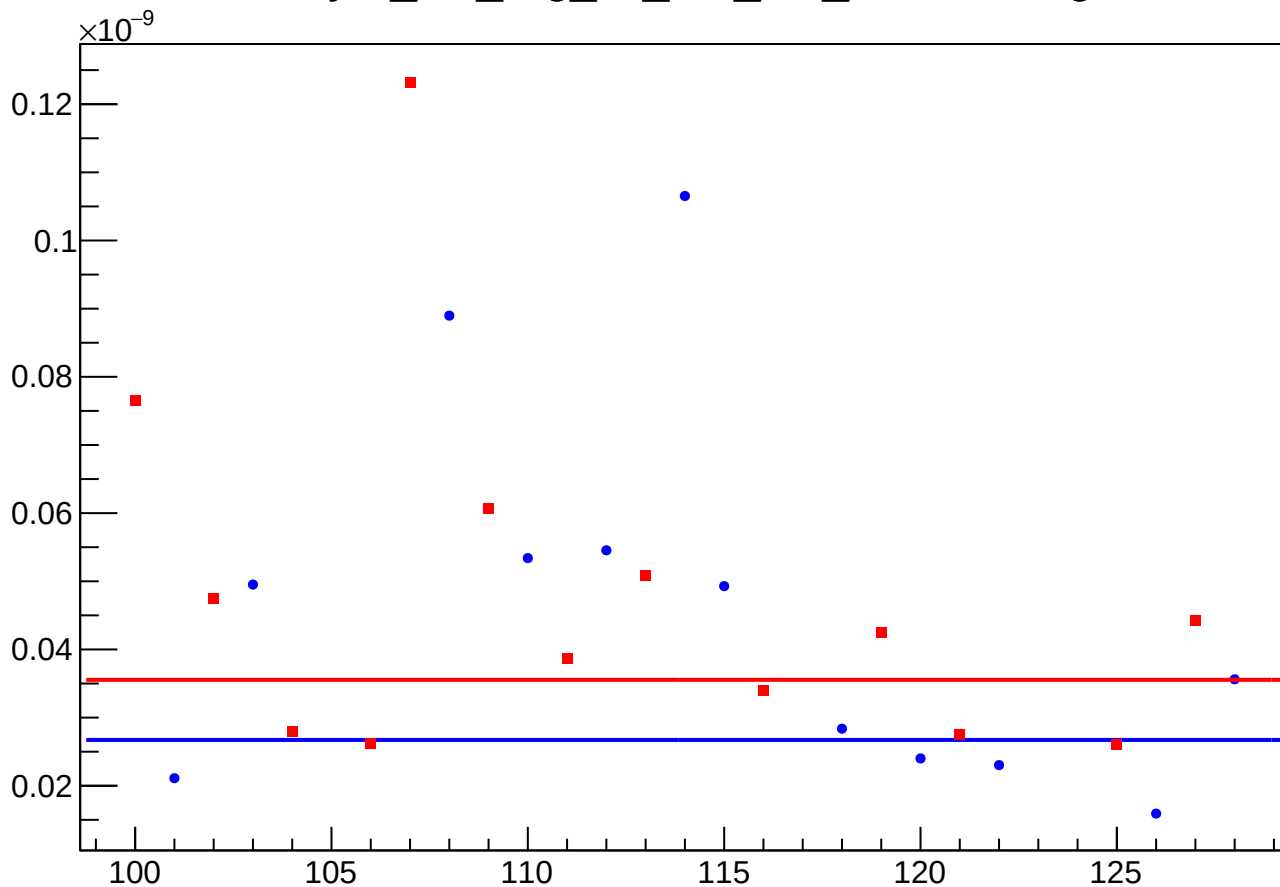
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 11.7/24

- sign 0.000 ± 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: 1200106.0/11

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

Right Out: 0.000+/-0.000 χ^2 /NDF: 653578.5/12

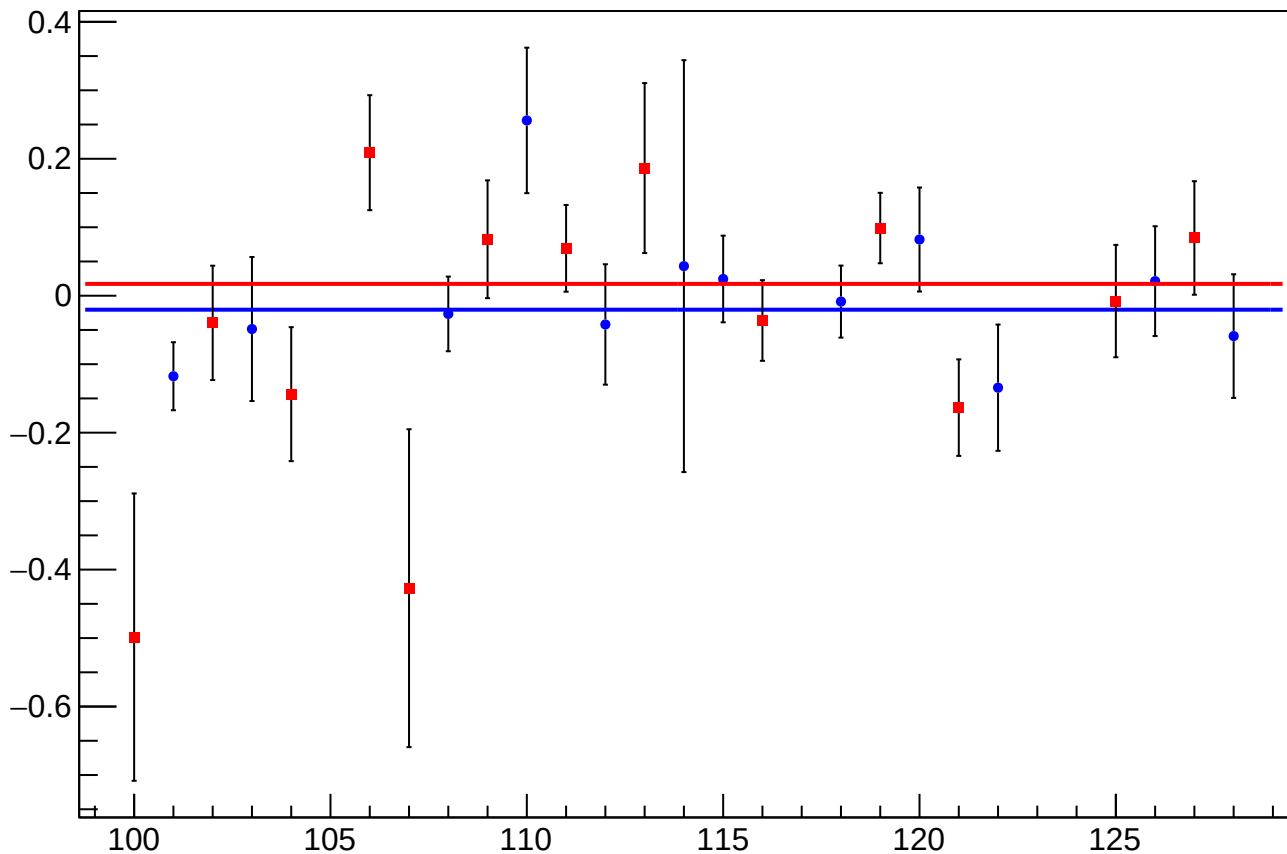
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 2069692.6/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_dit_vs_cor_diff_mean vs Slug



Right In: -0.020 $\pm$ 0.021 χ^2 /NDF: 15.1/11

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

Right Out: 0.017 $\pm$ 0.022 χ^2 /NDF: 31.9/12

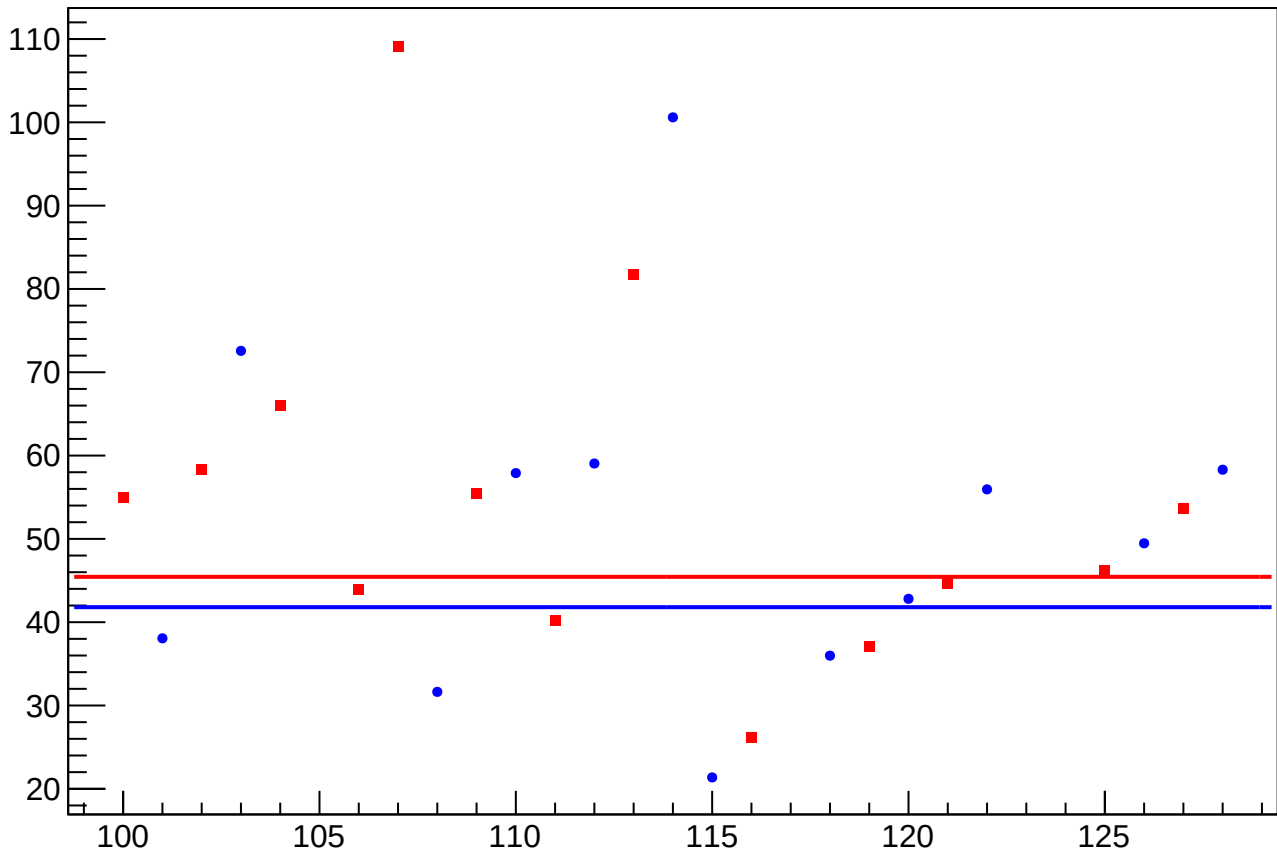
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.002 $\pm$ 0.015 χ^2 /NDF: 48.5/24

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

asym_usl_dit_vs_cor_diff_rms vs Slug



Right In: 41.803+/-0.015 χ^2/NDF : 816643.0/11

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

Right Out: 45.443+/-0.016 χ^2/NDF : 788211.0/12

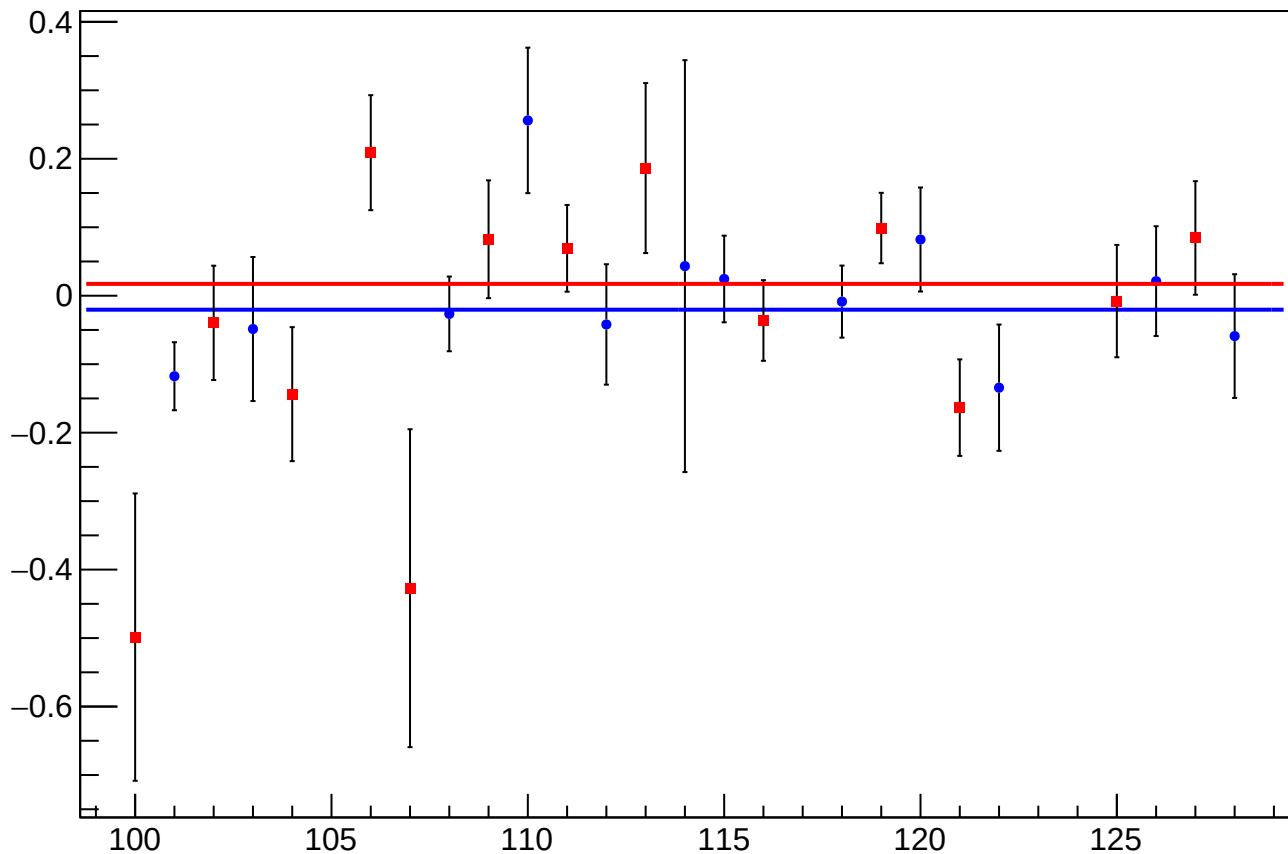
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.539+/-0.011 χ^2/NDF : 1633177.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.020 ± 0.021 χ^2/NDF : 15.1/11

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

Right Out: 0.017 ± 0.022 χ^2/NDF : 31.9/12

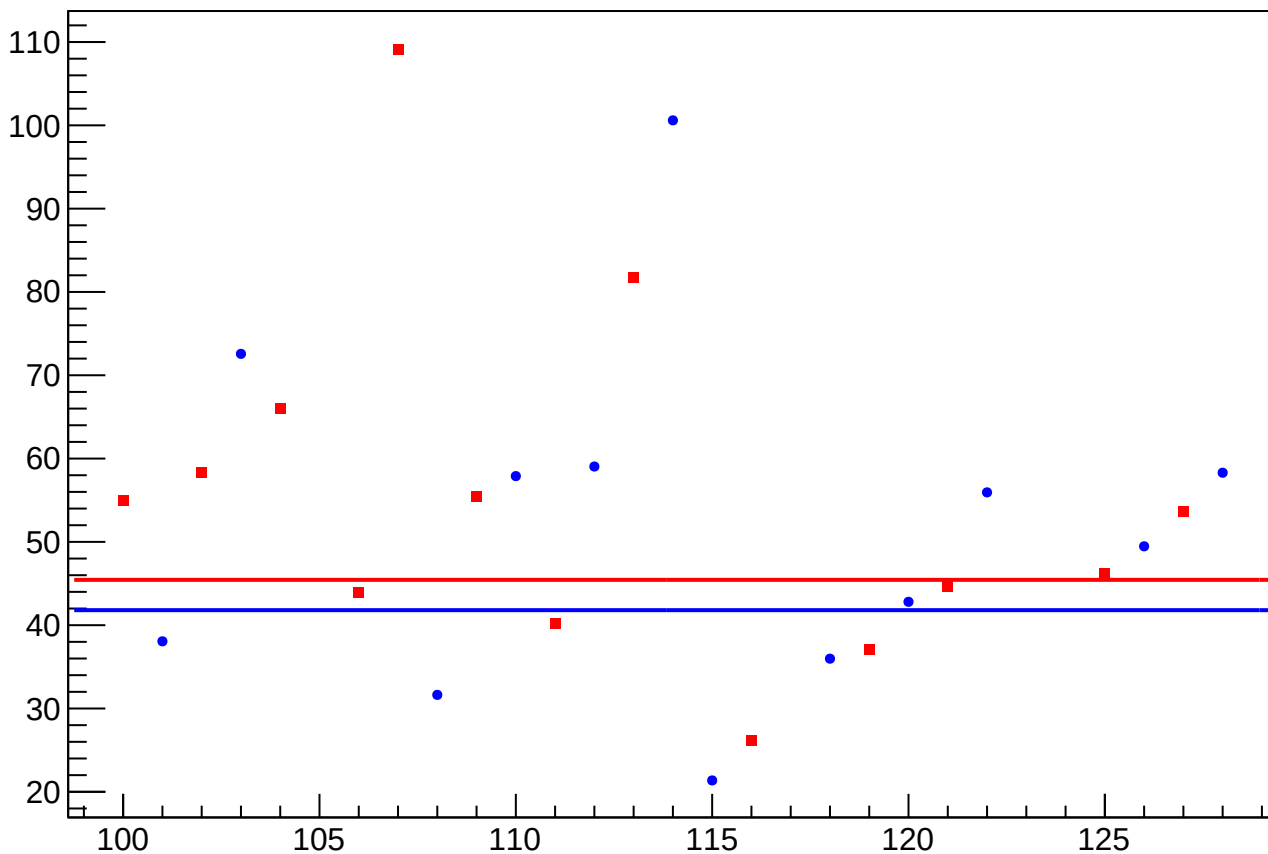
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.002 ± 0.015 χ^2/NDF : 48.5/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 41.803+/-0.015 χ^2/NDF : 816643.0/11

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

Right Out: 45.443+/-0.016 χ^2/NDF : 788211.0/12

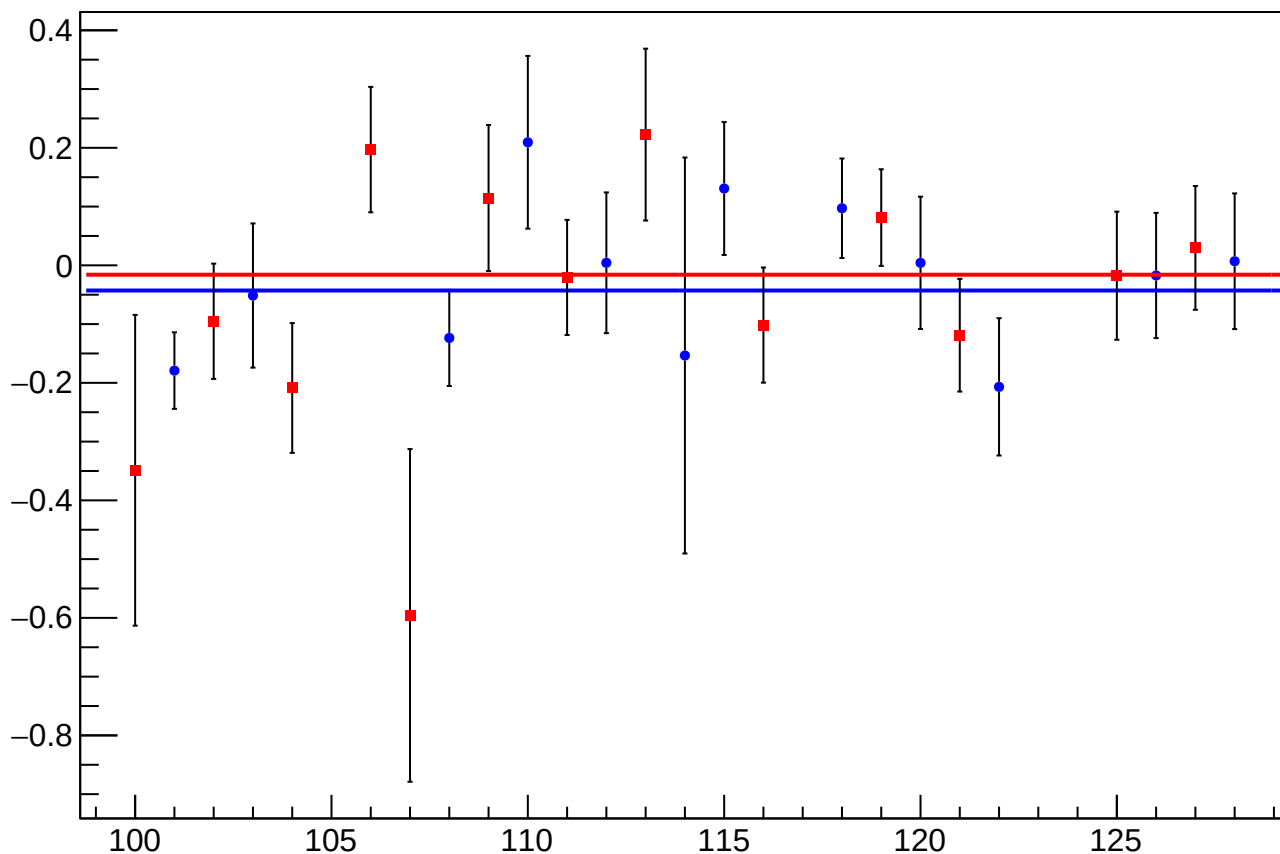
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.539+/-0.011 χ^2/NDF : 1633177.3/24

- 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+/-0.030 χ^2/NDF : 16.0/11

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

Right Out: -0.016+/-0.031 χ^2/NDF : 20.7/12

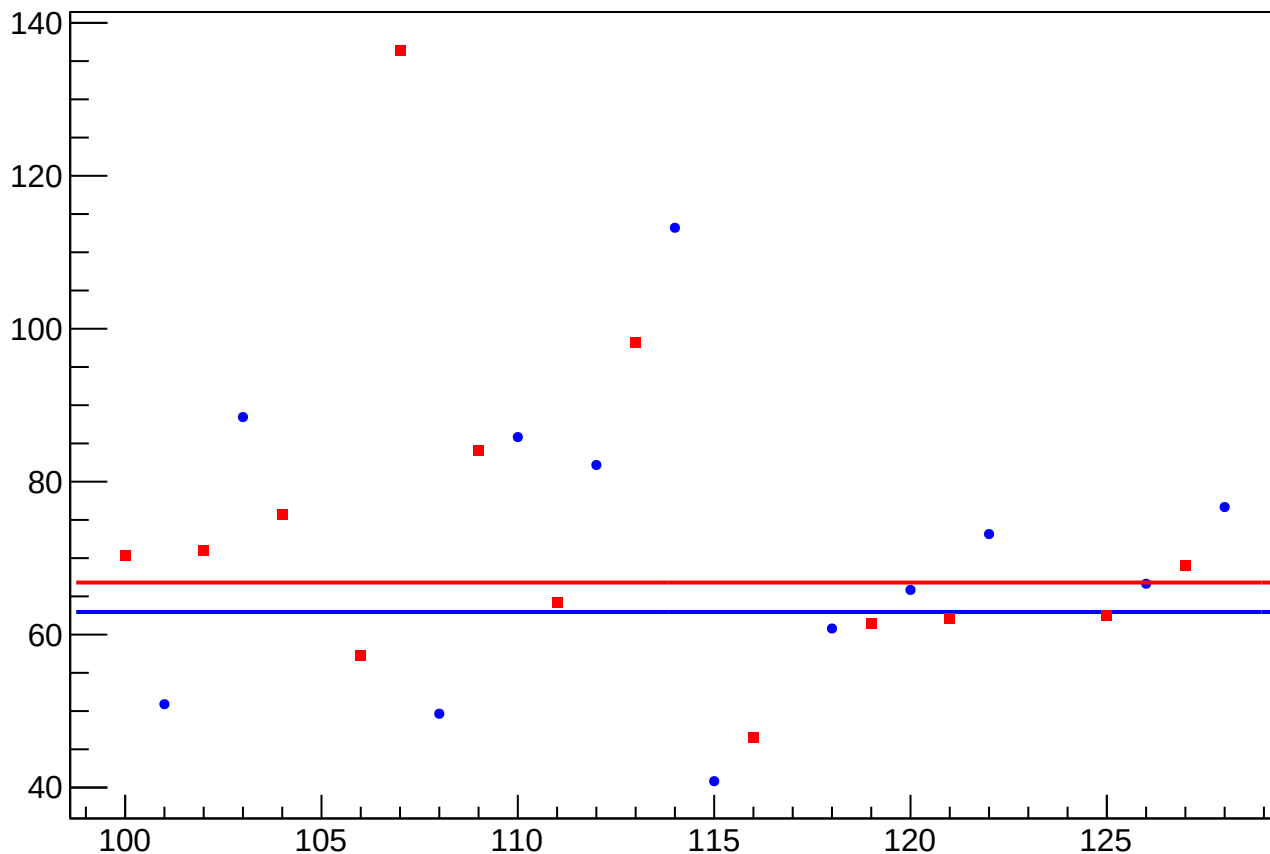
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.030+/-0.022 χ^2/NDF : 37.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_dit_vs_overload_cor_diff_rms vs Slug



Right In: 62.958+/-0.021 χ^2/NDF : 477245.9/11

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

Right Out: 66.810+/-0.022 χ^2/NDF : 389117.4/12

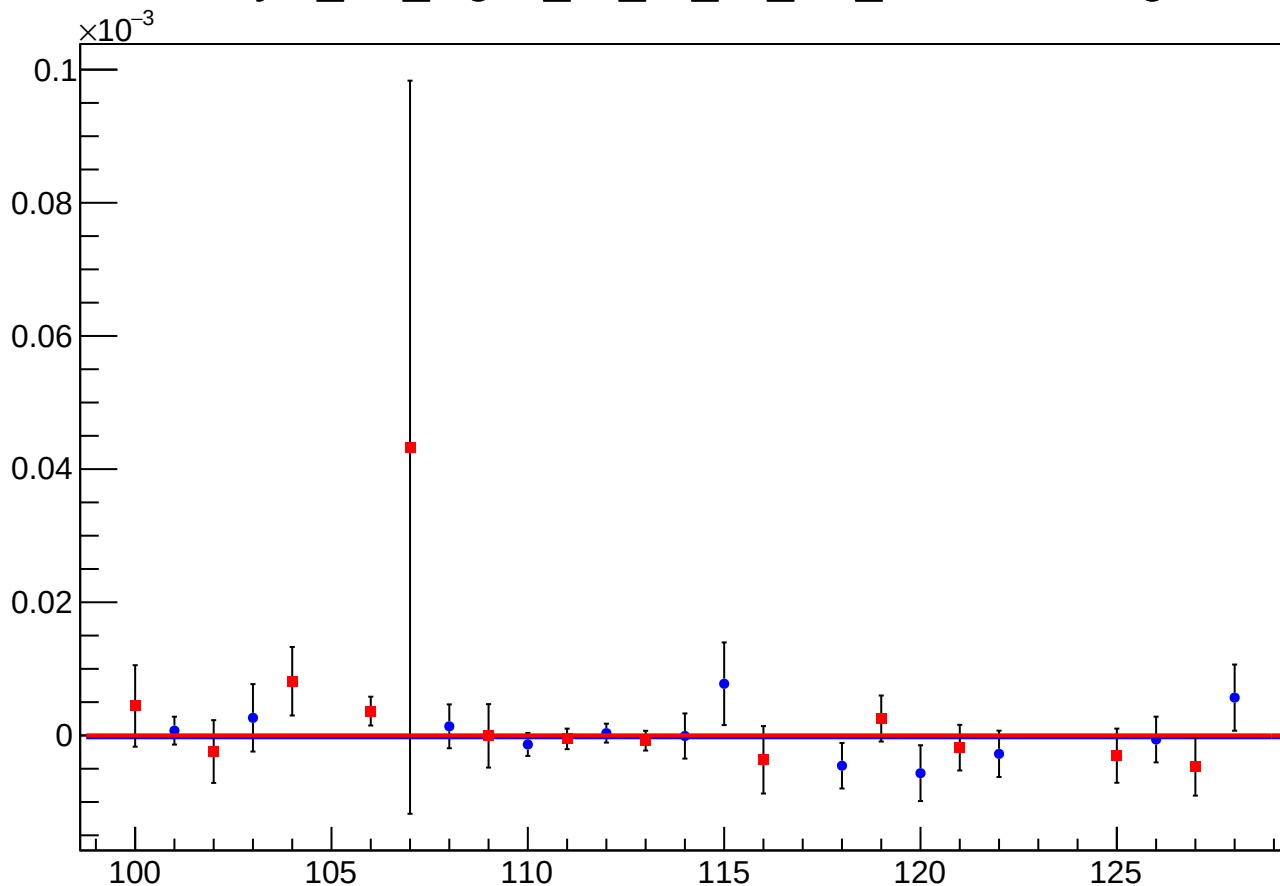
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.832+/-0.015 χ^2/NDF : 882385.8/24

- 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: 8.2/11

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

Right Out: 0.000+/-0.000 χ^2 /NDF: 10.2/12

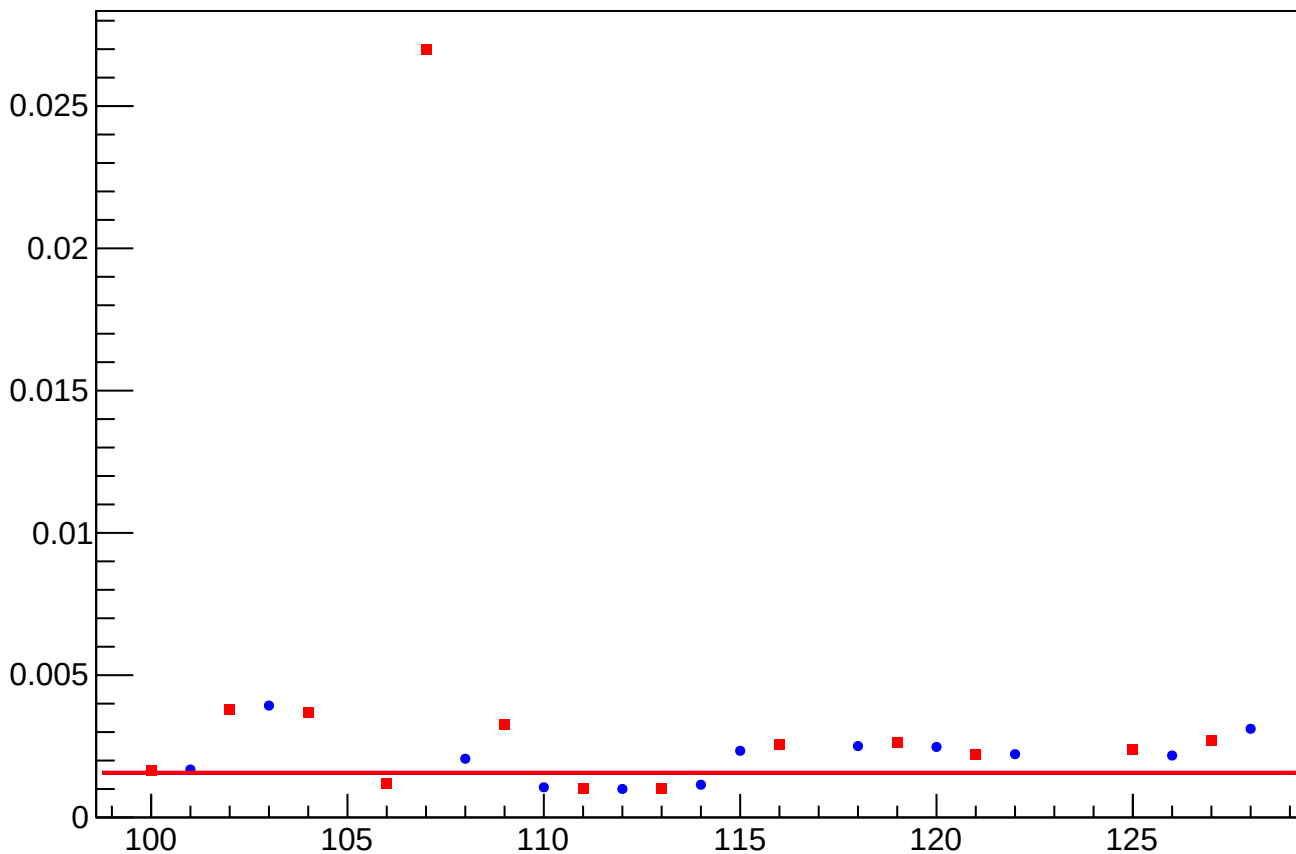
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 18.5/24

- 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 : 1616198.2/11

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2601409.7/12

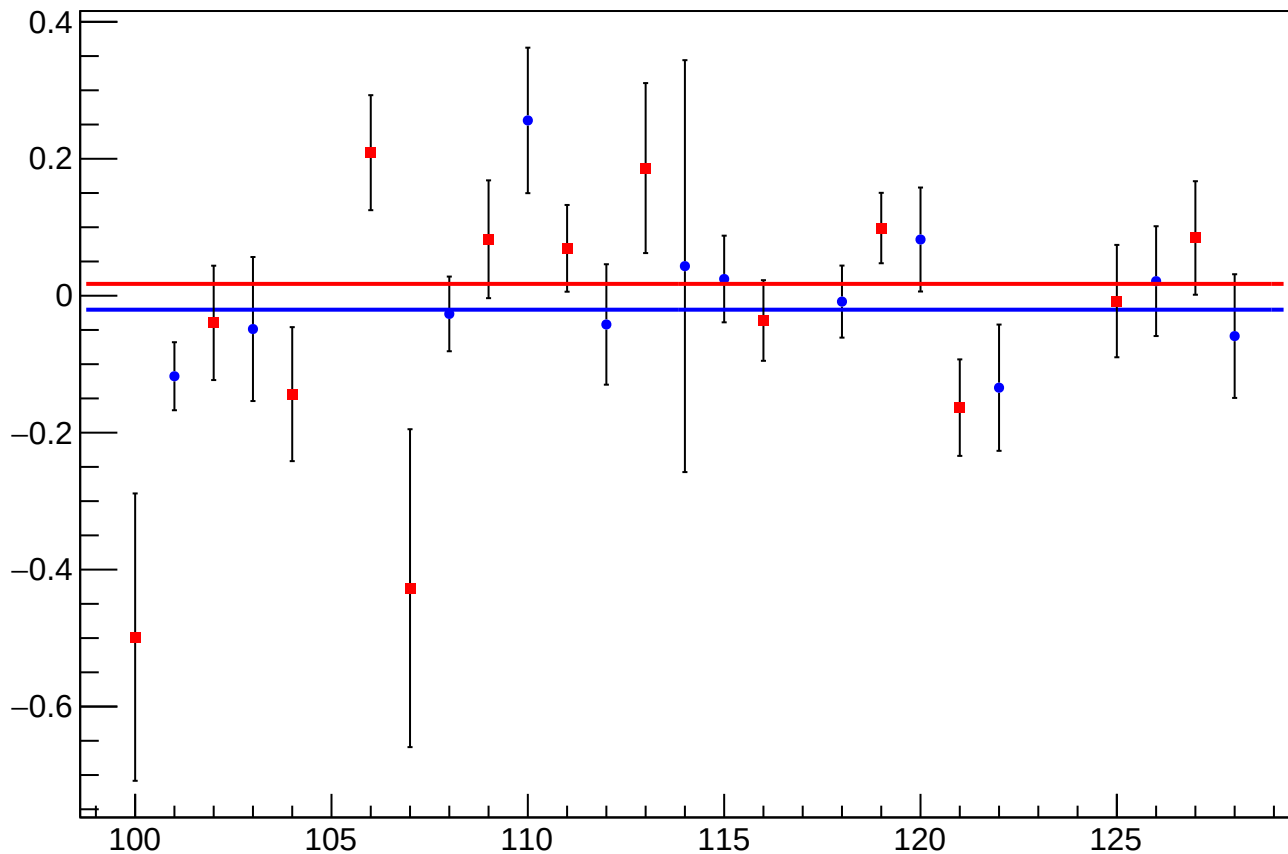
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4217642.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.020 +/- 0.021 χ^2/NDF : 15.1/11

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

Right Out: 0.017 +/- 0.022 χ^2/NDF : 31.9/12

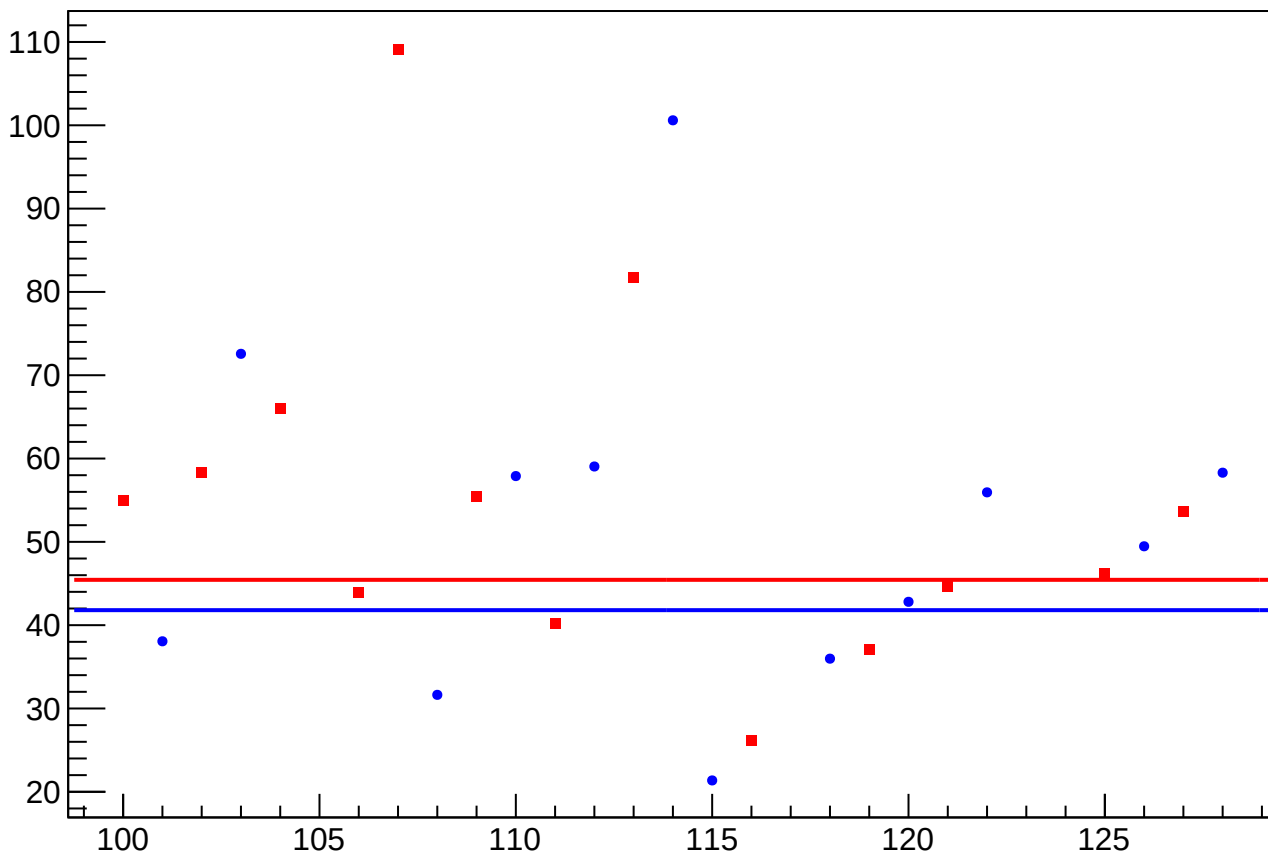
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -0.002 +/- 0.015 χ^2/NDF : 48.5/24

- sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 41.802 $\pm$ 0.015 χ^2 /NDF: 816686.0/11

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

Right Out: 45.442 $\pm$ 0.016 χ^2 /NDF: 788251.9/12

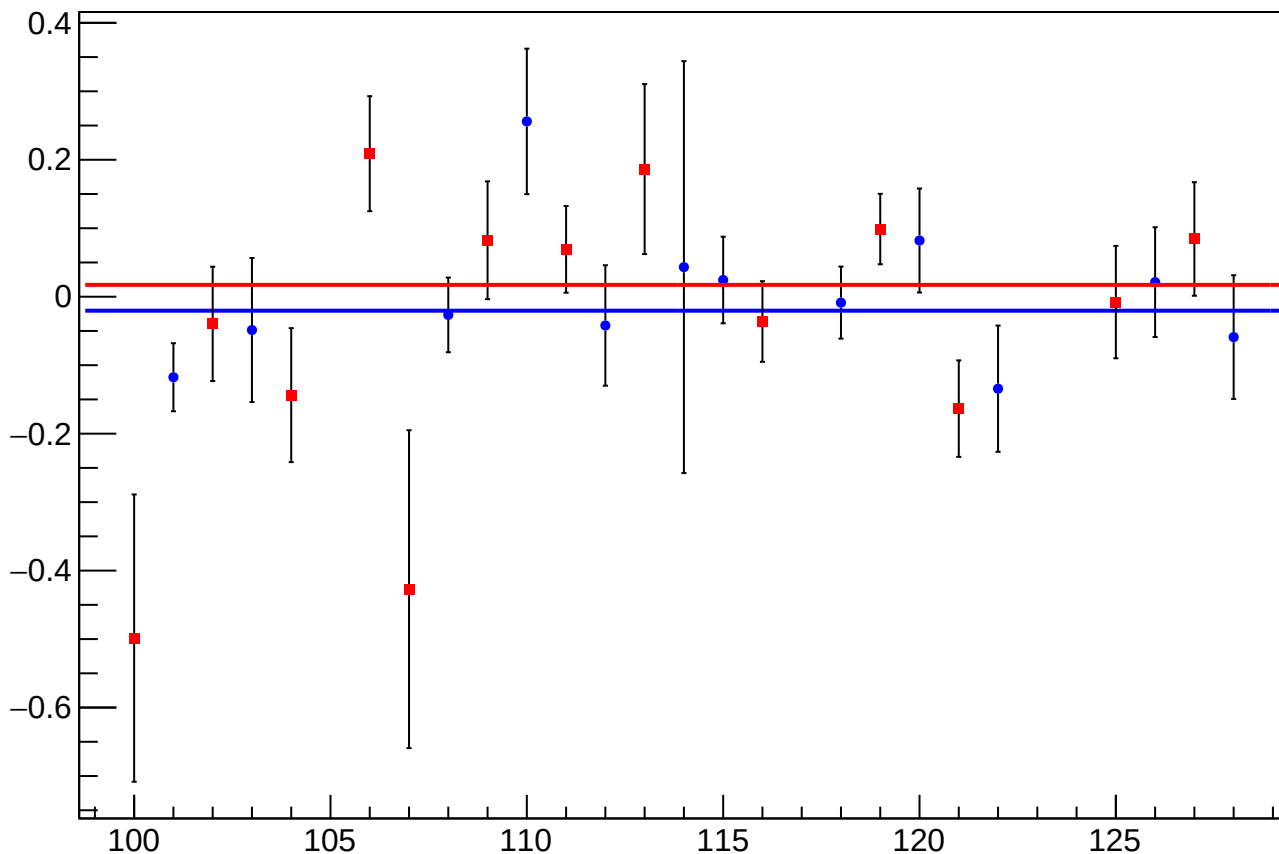
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 43.538 $\pm$ 0.011 χ^2 /NDF: 1633257.8/24

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

asym_usl_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.020 ± 0.021 χ^2/NDF : 15.1/11

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

Right Out: 0.017 ± 0.022 χ^2/NDF : 31.9/12

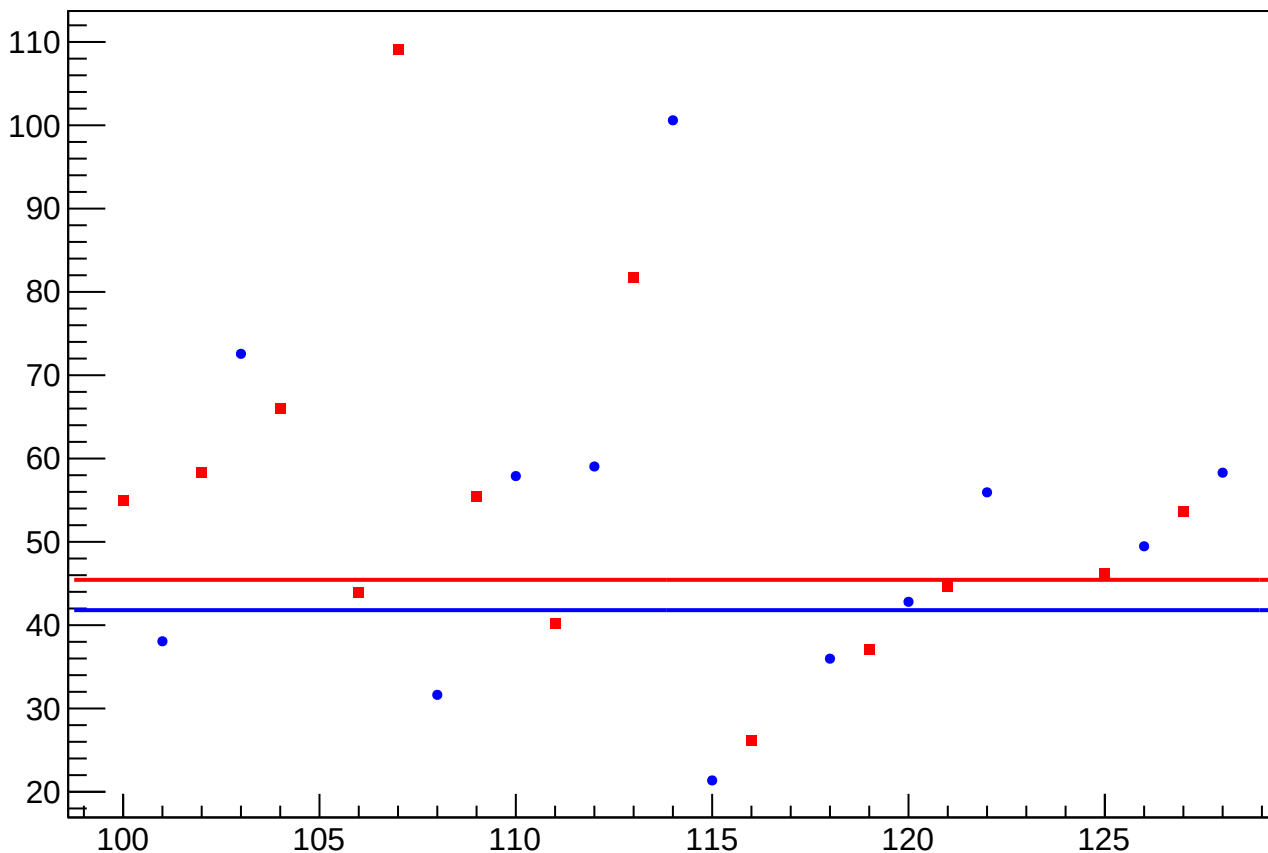
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.002 ± 0.015 χ^2/NDF : 48.5/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 41.802 $\pm$ 0.015 χ^2 /NDF: 816686.0/11

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

Right Out: 45.442 $\pm$ 0.016 χ^2 /NDF: 788251.9/12

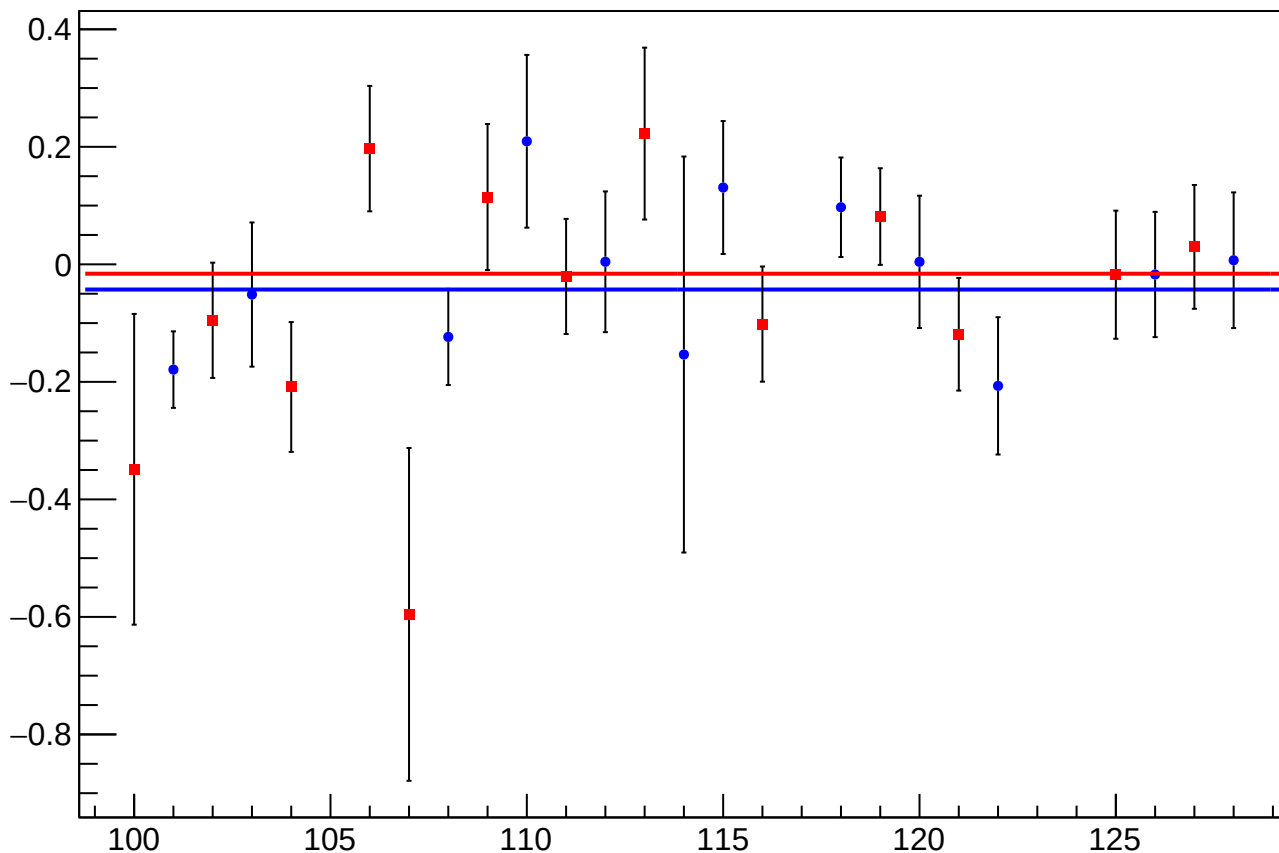
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 43.538 $\pm$ 0.011 χ^2 /NDF: 1633257.8/24

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

asym_usl_eigen_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.043+/-0.030 χ^2 /NDF: 16.0/11

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

Right Out: -0.016+/-0.031 χ^2 /NDF: 20.7/12

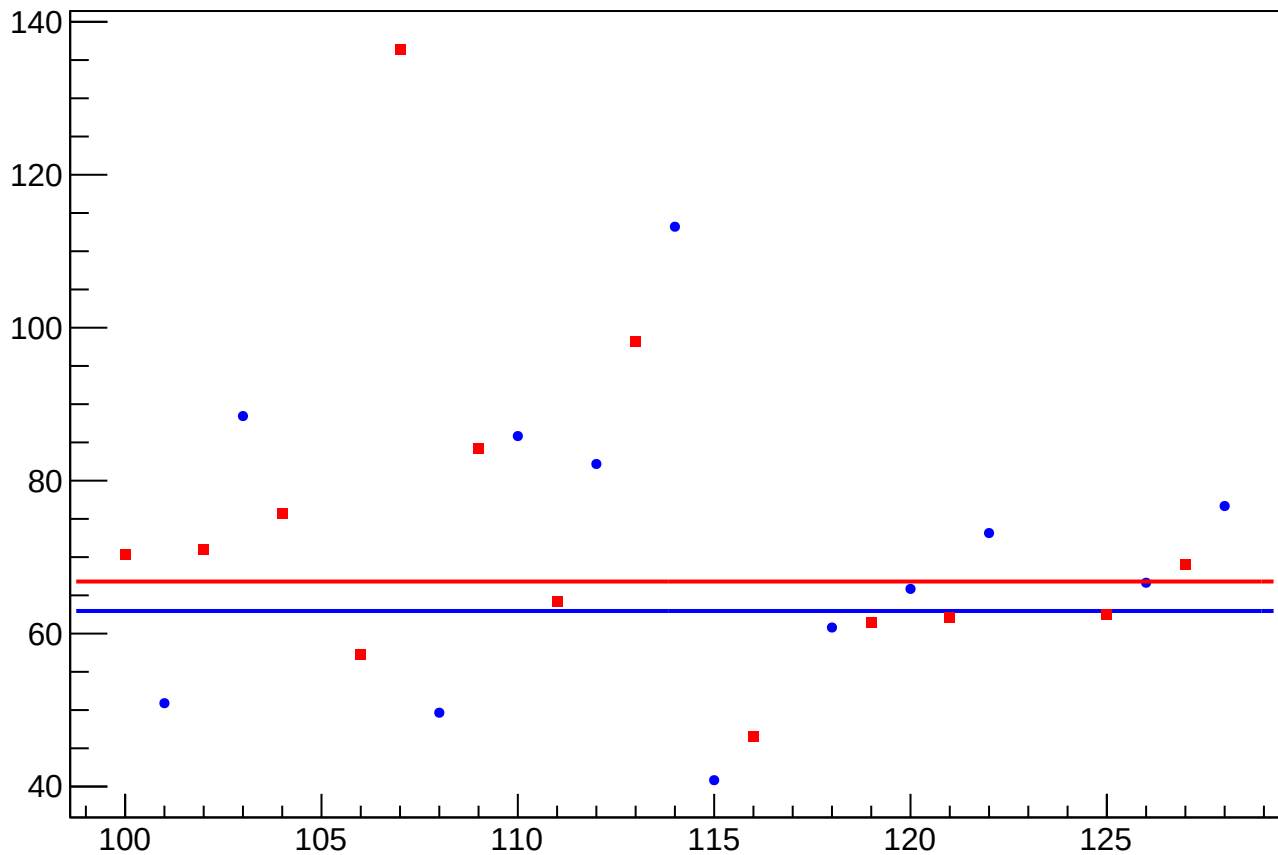
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.030+/-0.022 χ^2 /NDF: 37.2/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_eigen_dit_vs_overload_cor_diff_rms vs Slug



Right In: 62.957+/-0.021 χ^2/NDF : 477248.0/11

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

Right Out: 66.809+/-0.022 χ^2/NDF : 389111.0/12

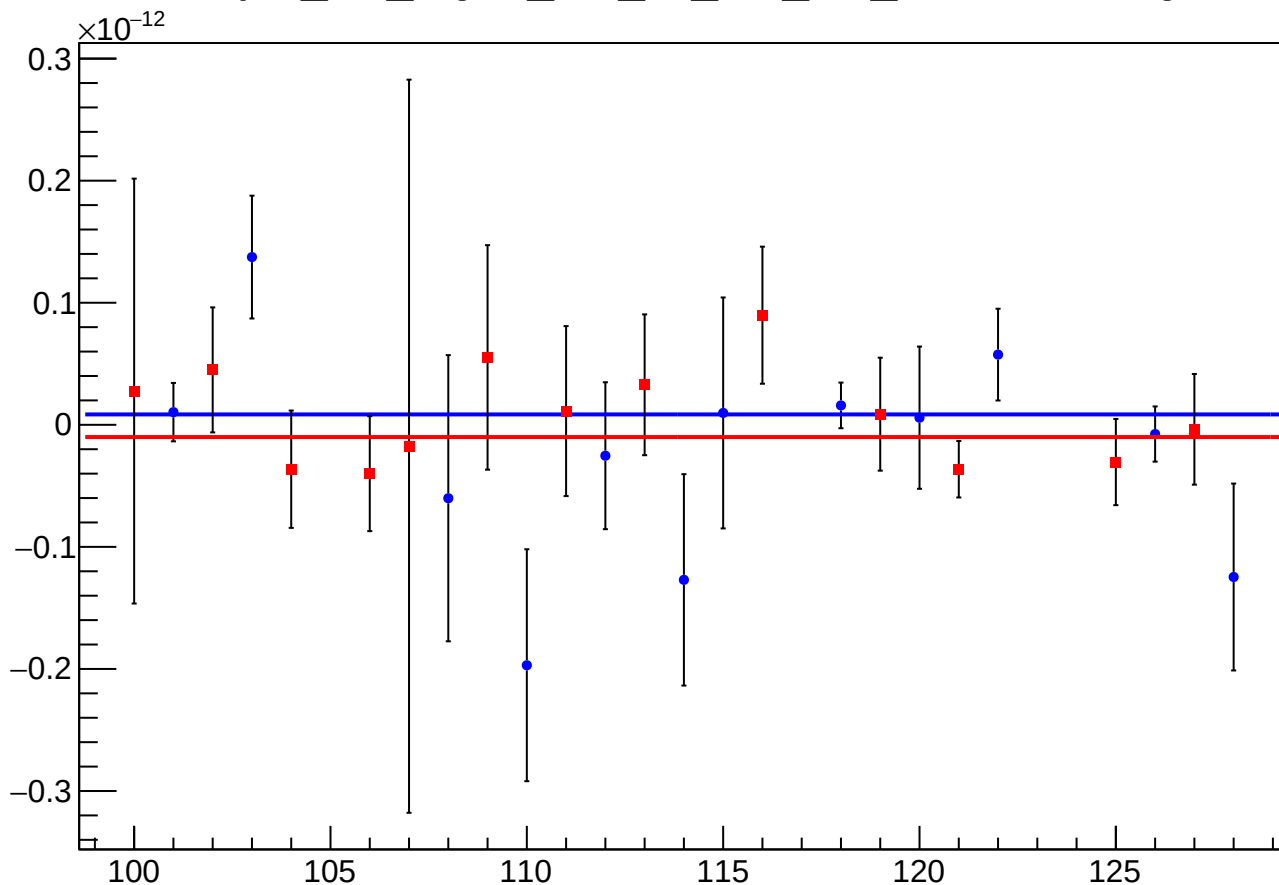
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.831+/-0.015 χ^2/NDF : 882379.4/24

- 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: 19.7/11

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.0/12

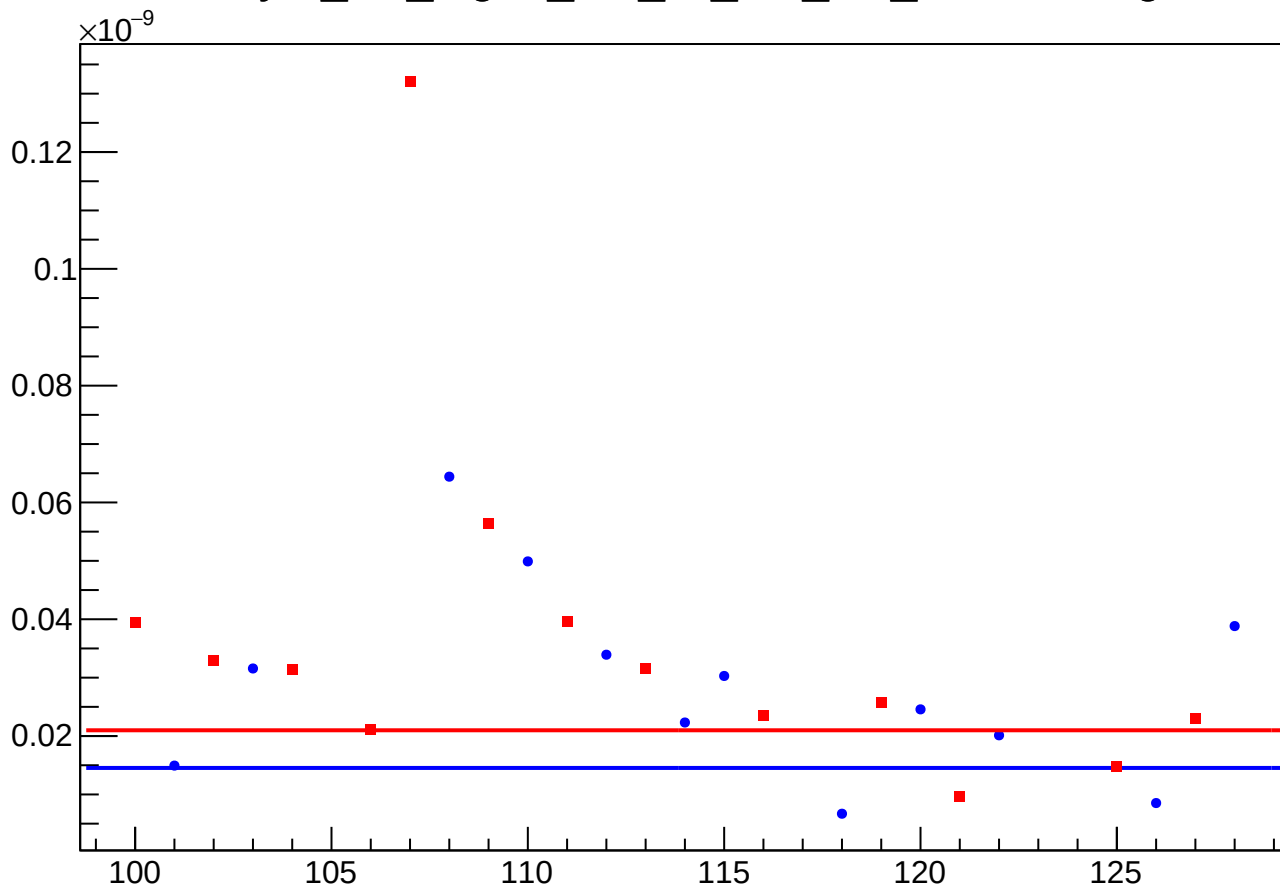
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 29.0/24

- 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 : 1945822.2/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1571304.2/12

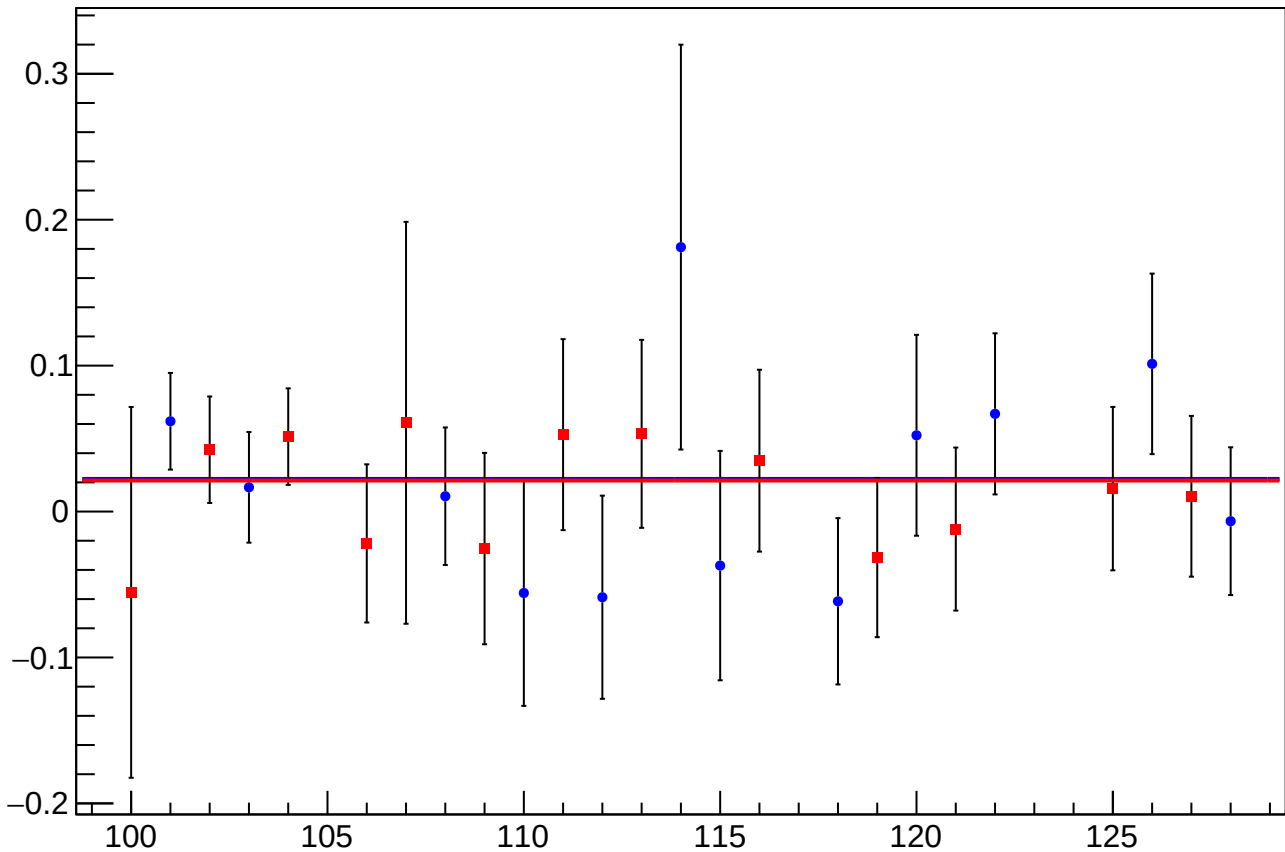
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3810553.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_overload_cor_vs_cor_diff_mean vs Slug



Right In: 0.022 $\pm$ 0.016 χ^2 /NDF: 10.7/11

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

Right Out: 0.021 $\pm$ 0.015 χ^2 /NDF: 4.6/12

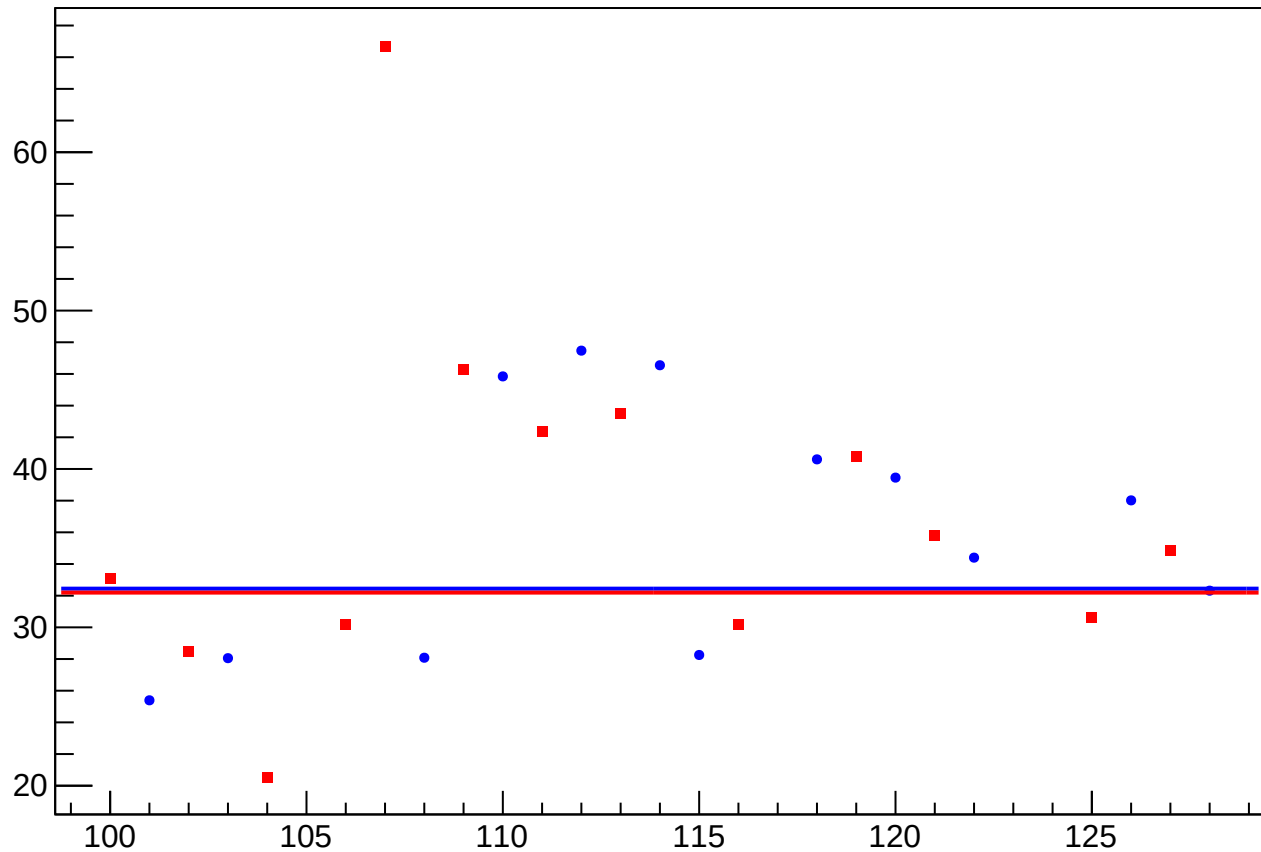
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.022 $\pm$ 0.011 χ^2 /NDF: 15.3/24

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

asym_usl_overload_cor_vs_cor_diff_rms vs Slug



Right In: 32.443 $\pm$ 0.011 χ^2 /NDF: 394621.1/11

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

Right Out: 32.194 $\pm$ 0.011 χ^2 /NDF: 667084.5/12

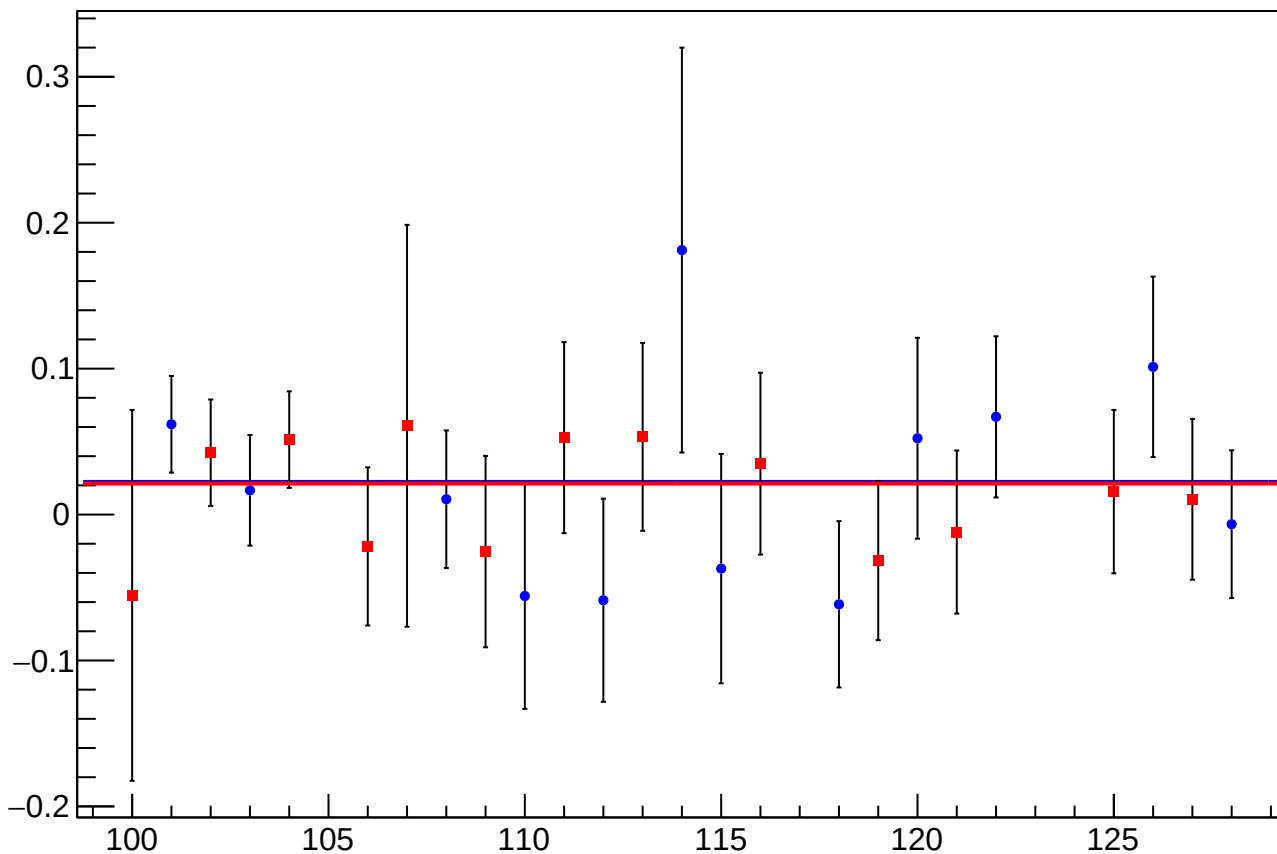
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 32.315 $\pm$ 0.008 χ^2 /NDF: 1061970.0/24

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

asym_usl_overload_cor_vs_eigen_cor_diff_mean vs Slug



Right In: 0.022 $\pm$ 0.016 χ^2 /NDF: 10.7/11

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

Right Out: 0.021 $\pm$ 0.015 χ^2 /NDF: 4.6/12

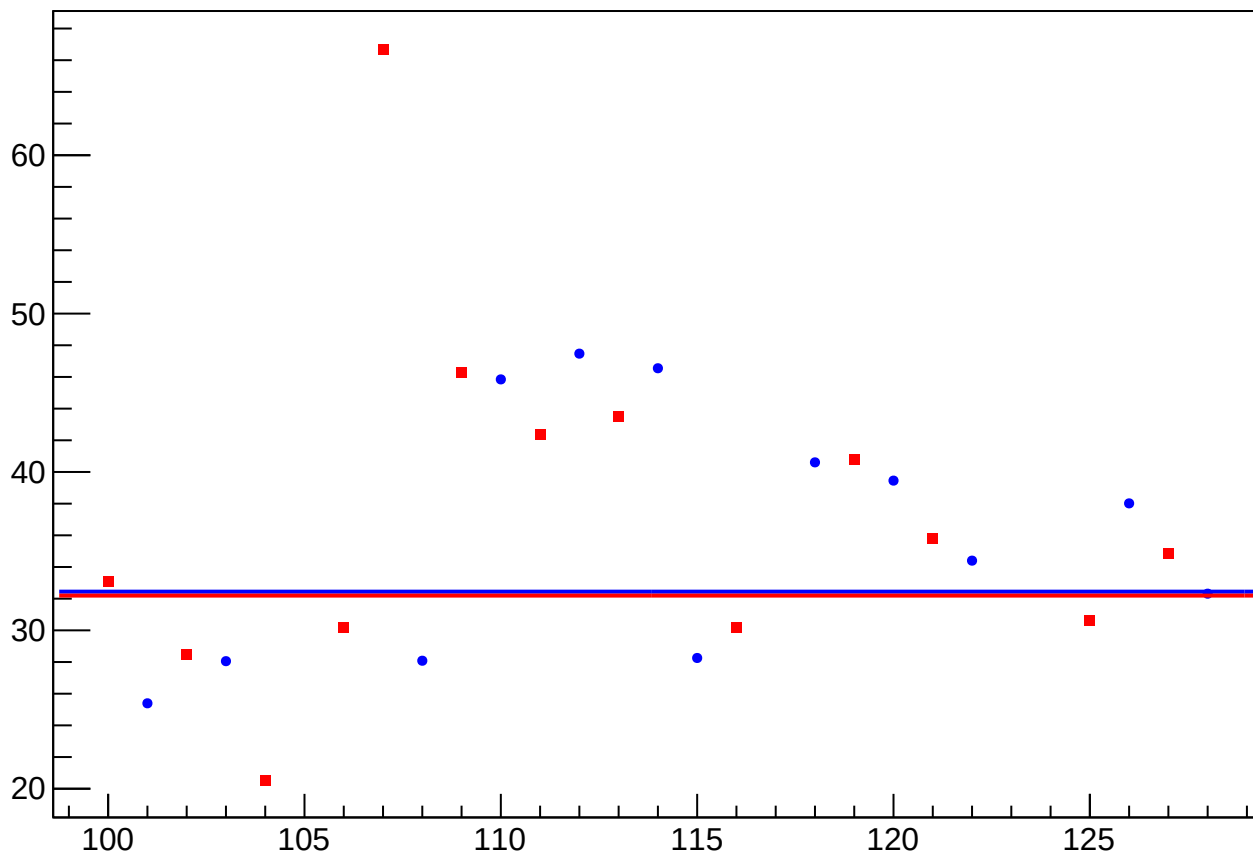
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.022 $\pm$ 0.011 χ^2 /NDF: 15.3/24

- 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: 32.443+/-0.011 χ^2/NDF : 394621.1/11

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

Right Out: 32.194+/-0.011 χ^2/NDF : 667084.5/12

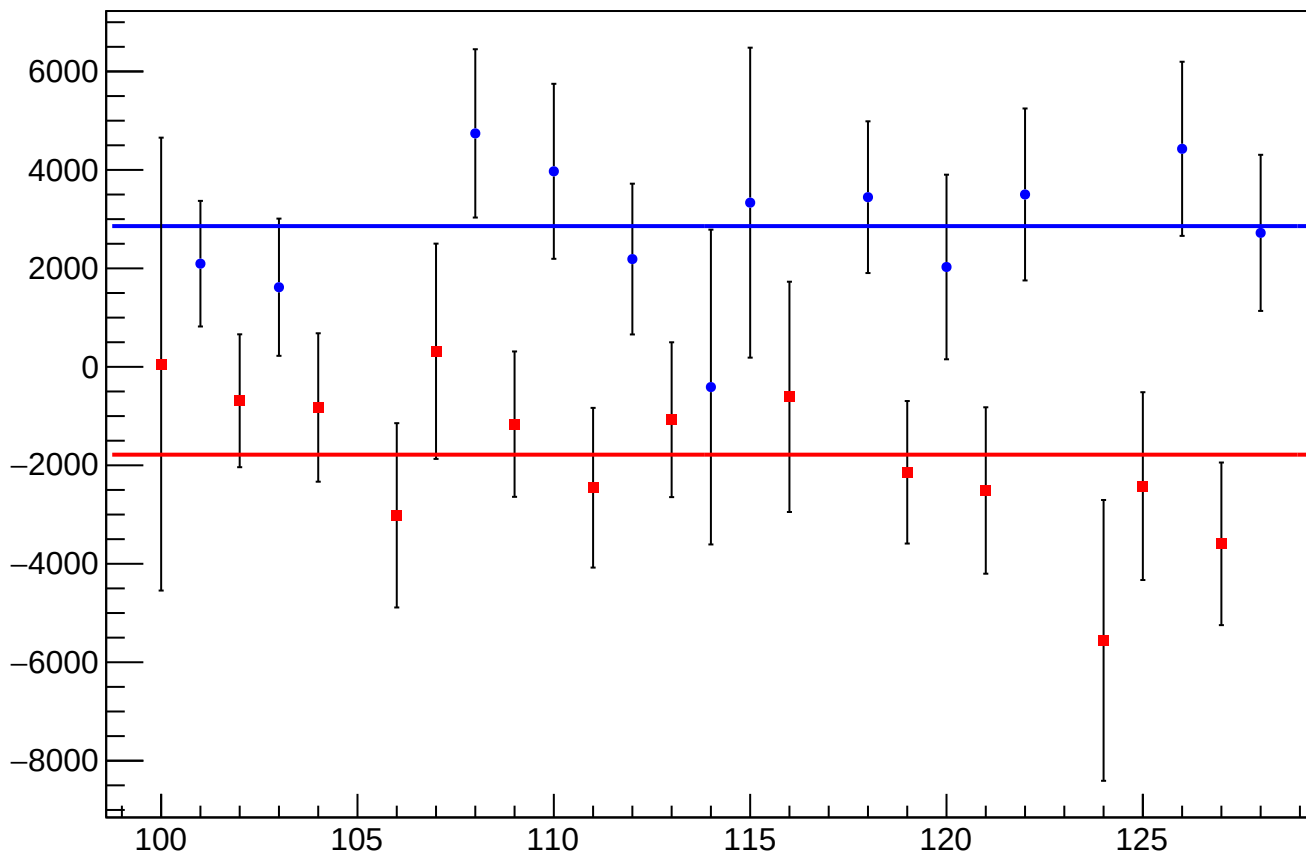
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.315+/-0.008 χ^2/NDF : 1061970.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_mean vs Slug



Right In: 2858.800+/-490.005 χ^2/NDF : 5.3/11

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

Right Out: -1783.683+/-468.850 χ^2/NDF : 6.7/13

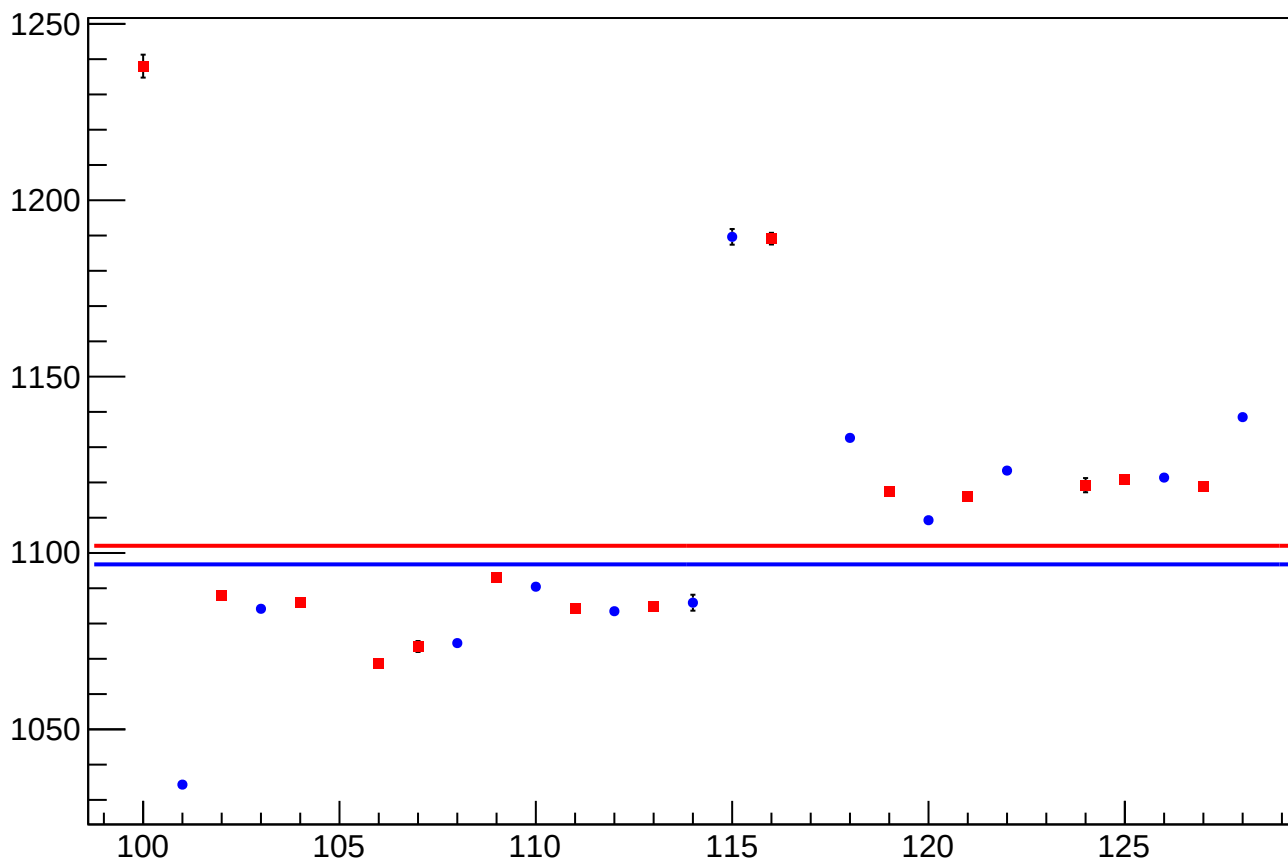
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 435.183+/-338.759 χ^2/NDF : 58.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_rms vs Slug



Right In: 1096.771+/-0.346 χ^2/NDF : 10645.3/11

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

Right Out: 1102.044+/-0.332 χ^2/NDF : 7333.9/13

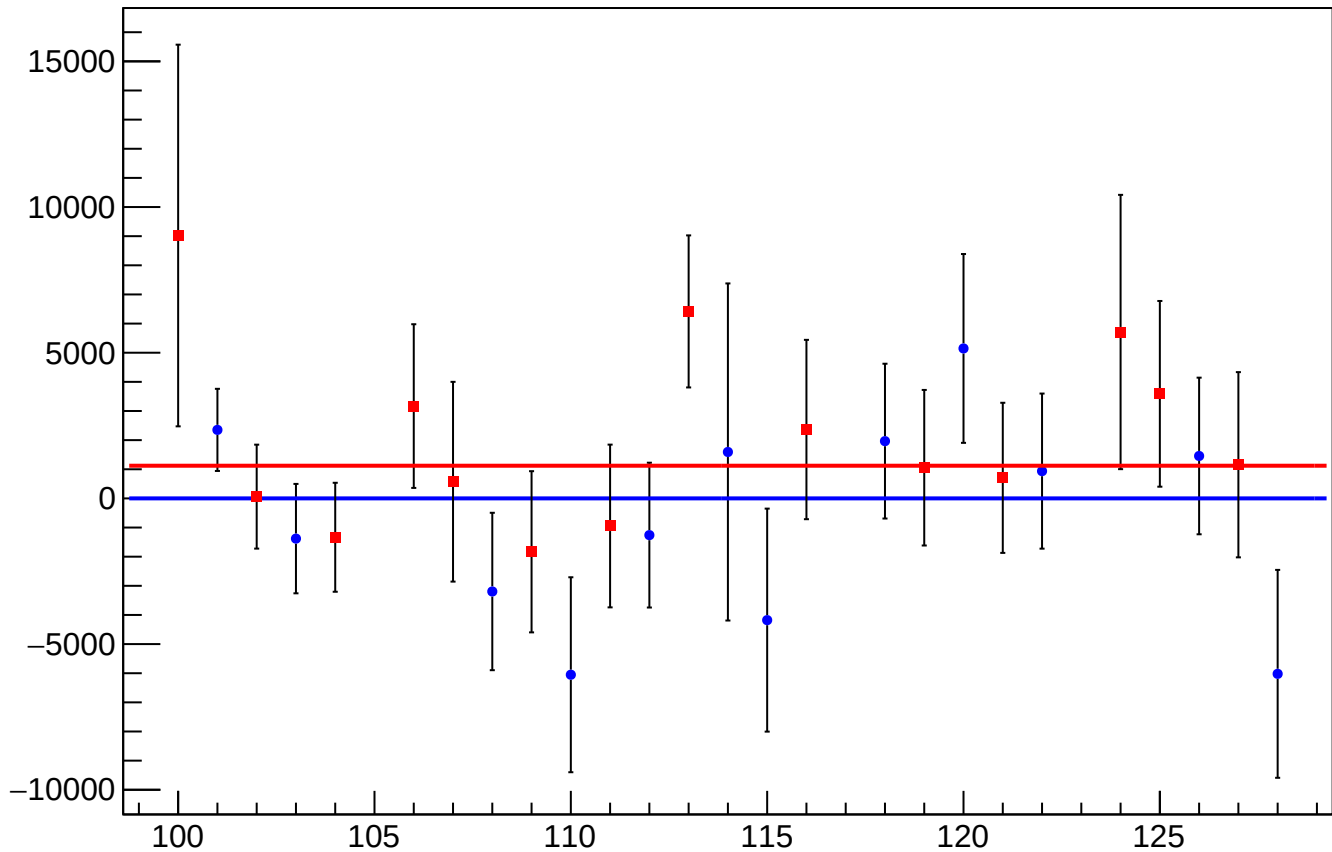
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1099.523+/-0.240 χ^2/NDF : 18100.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_reg_correction_mean vs Slug



Right In: 0.592 $\pm$ 731.549 χ^2 /NDF: 15.9/11

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

Right Out: 1121.741 $\pm$ 729.272 χ^2 /NDF: 11.6/13

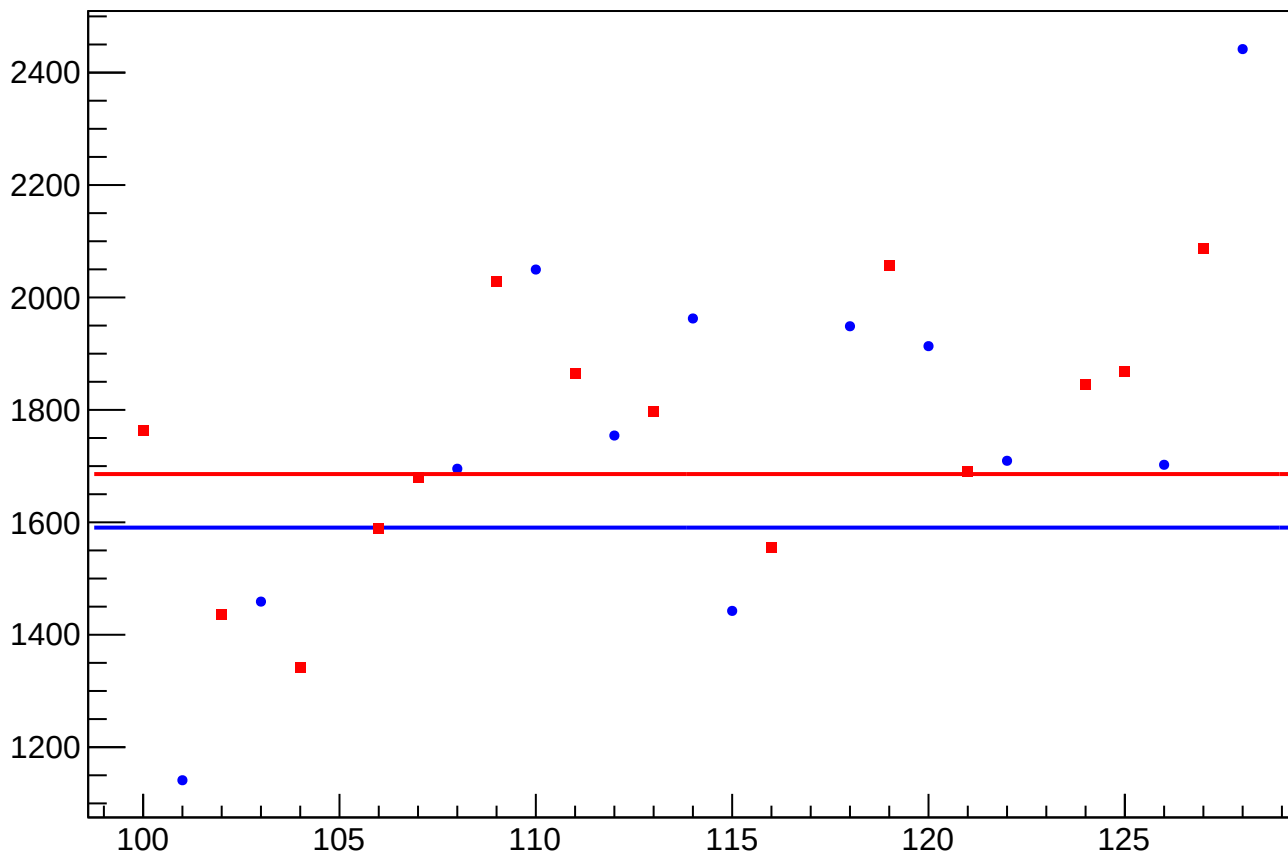
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 562.914 $\pm$ 516.477 χ^2 /NDF: 28.7/25

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

asym_usr_reg_correction_rms vs Slug



Right In: 1590.612 $\pm$ 0.517 χ^2 /NDF: 451227.6/11

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

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

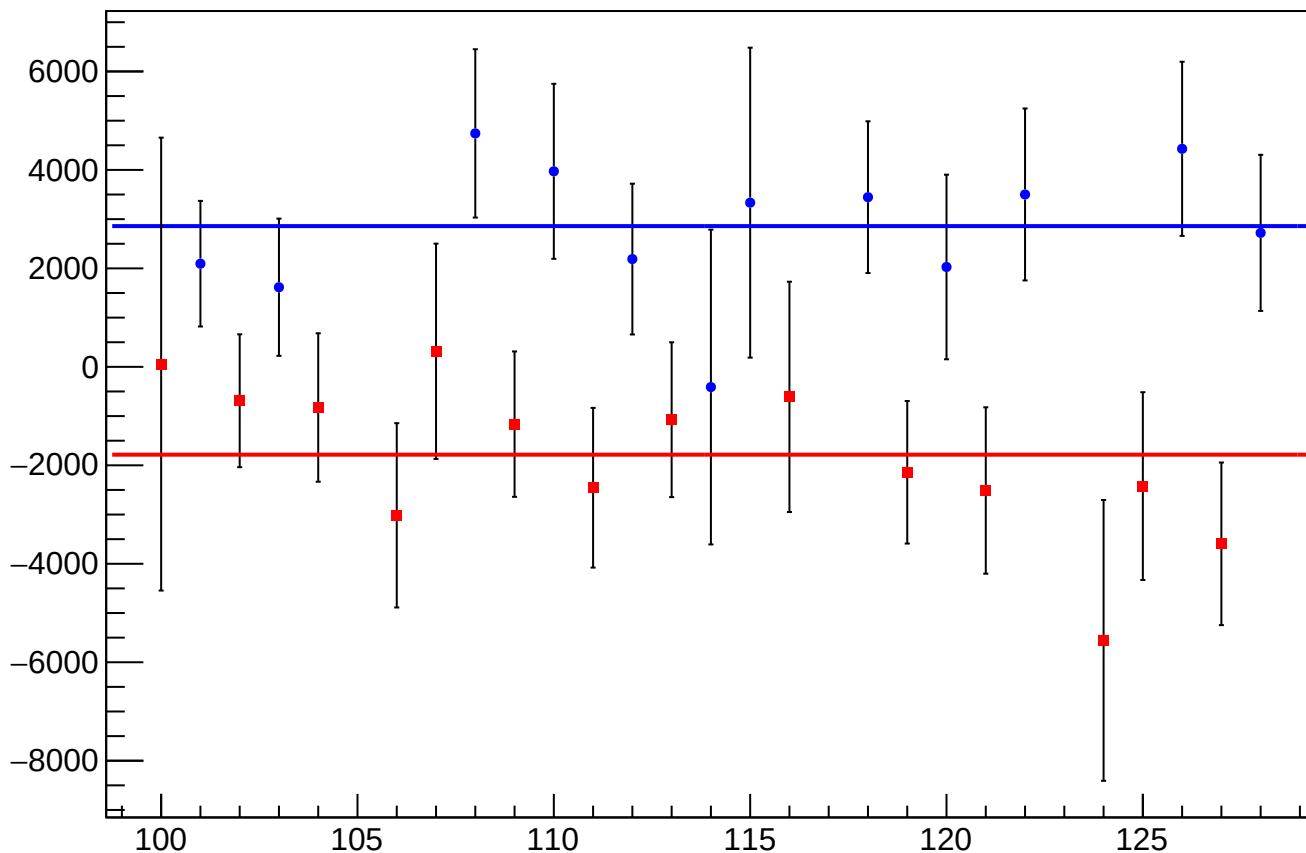
Right Out: 1685.851 $\pm$ 0.516 χ^2 /NDF: 235384.6/13

All: 1638.380 $\pm$ 0.365 χ^2 /NDF: 703614.4/25

- sign 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: 2858.800+/-490.005 χ^2/NDF : 5.3/11

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

Right Out: -1783.683+/-468.850 χ^2/NDF : 6.7/13

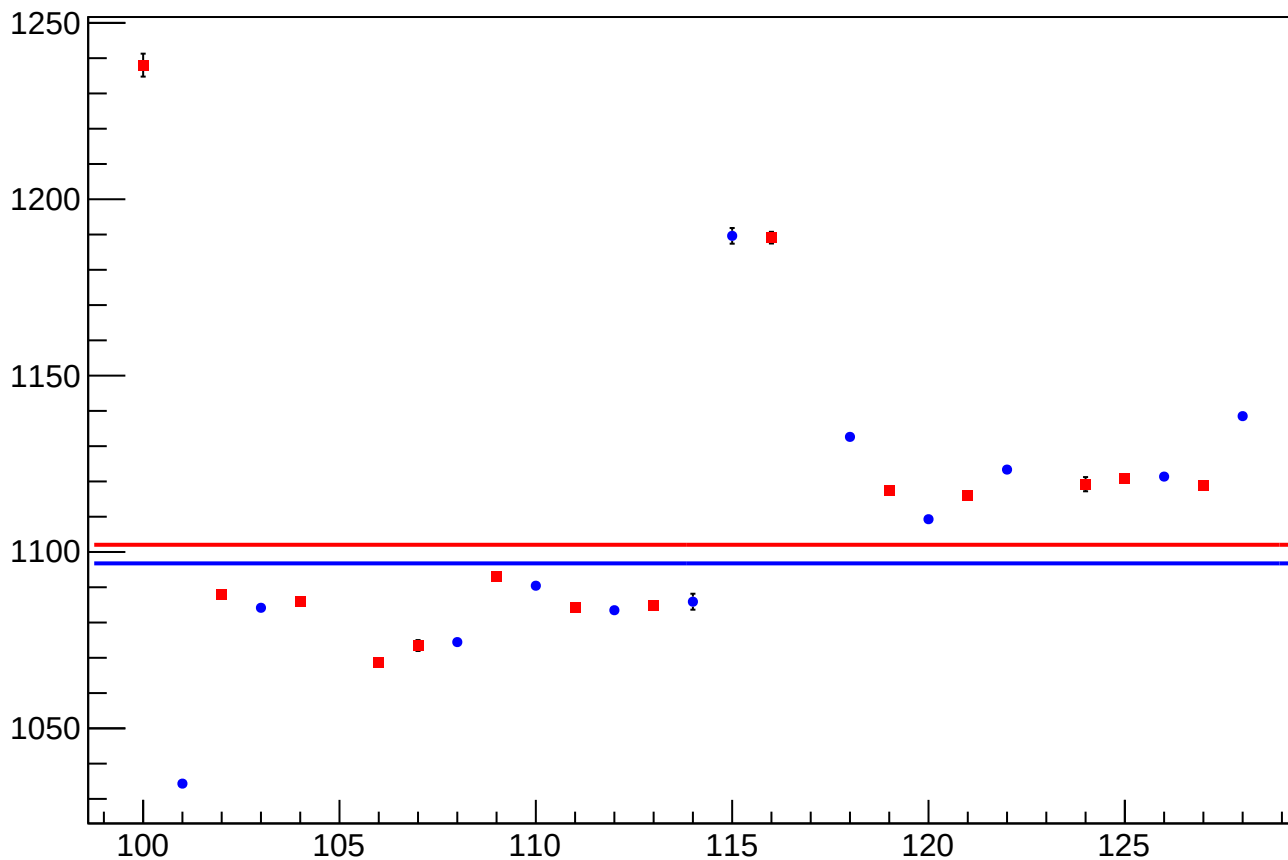
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 435.183+/-338.759 χ^2/NDF : 58.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_rms vs Slug



Right In: 1096.771+/-0.346 χ^2/NDF : 10645.3/11

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

Right Out: 1102.044+/-0.332 χ^2/NDF : 7333.9/13

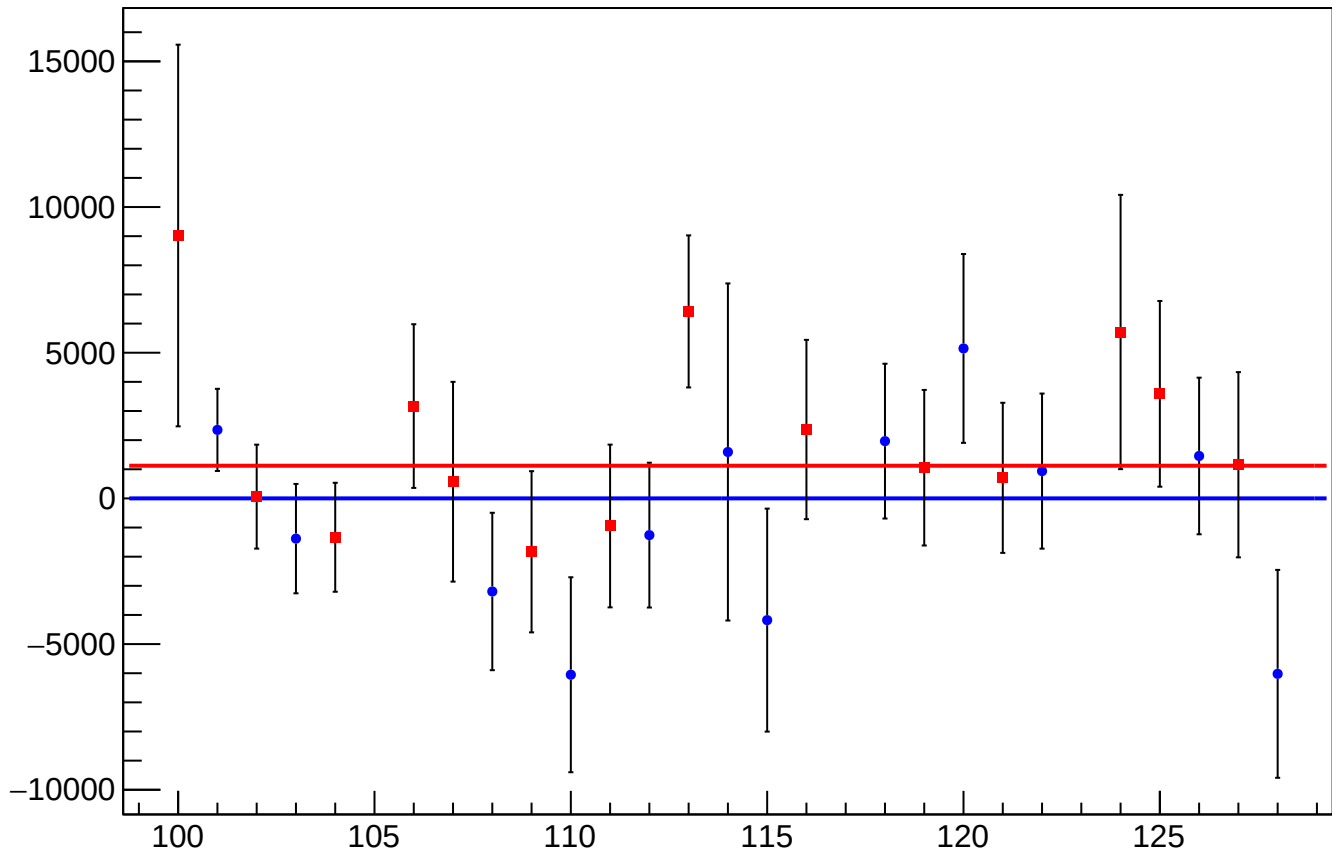
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1099.523+/-0.240 χ^2/NDF : 18100.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_cor_correction_mean vs Slug



Right In: 0.592 ± 731.549 χ^2/NDF : 15.9/11

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

Right Out: 1121.741 ± 729.272 χ^2/NDF : 11.6/13

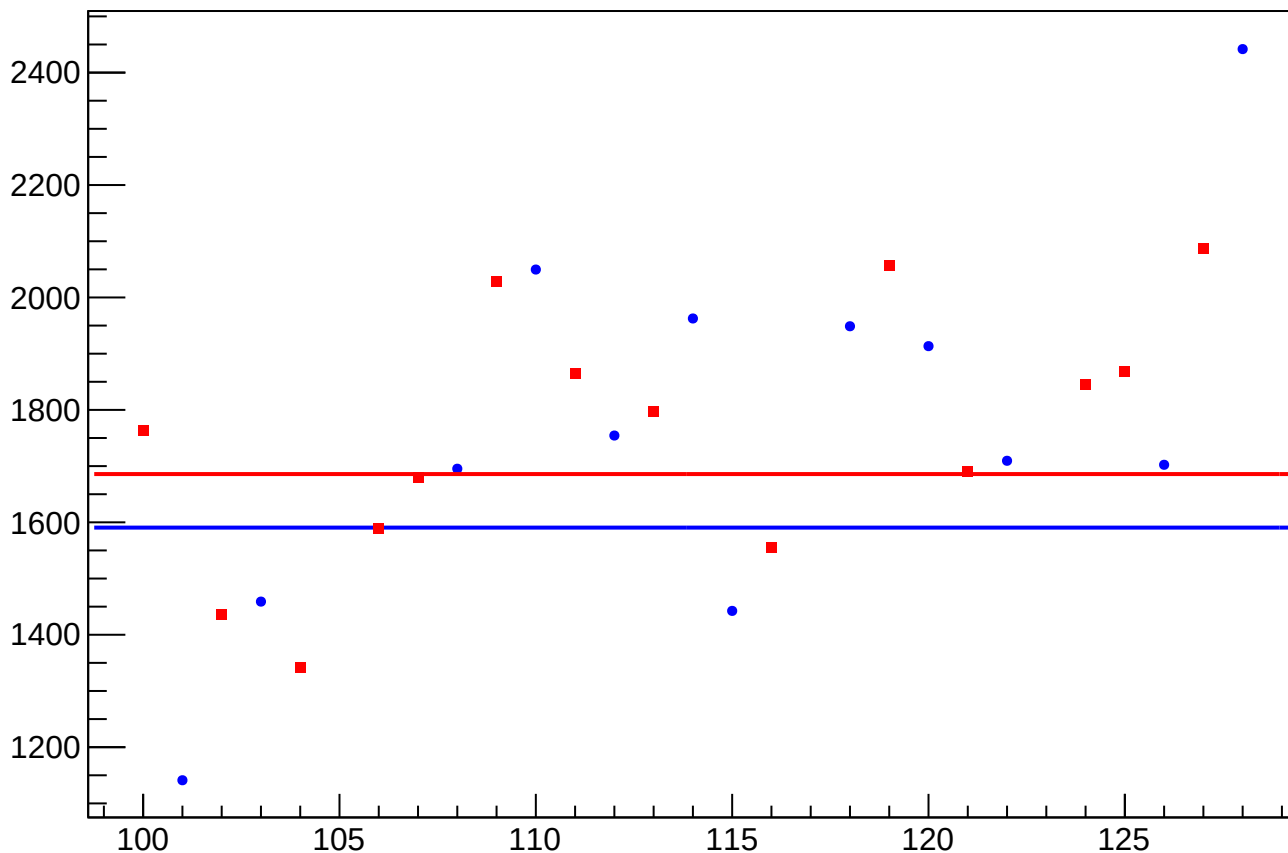
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 562.914 ± 516.477 χ^2/NDF : 28.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usr_cor_correction_rms vs Slug



Right In: 1590.612+/-0.517 χ^2/NDF : 451227.6/11

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

Right Out: 1685.851+/-0.516 χ^2/NDF : 235384.6/13

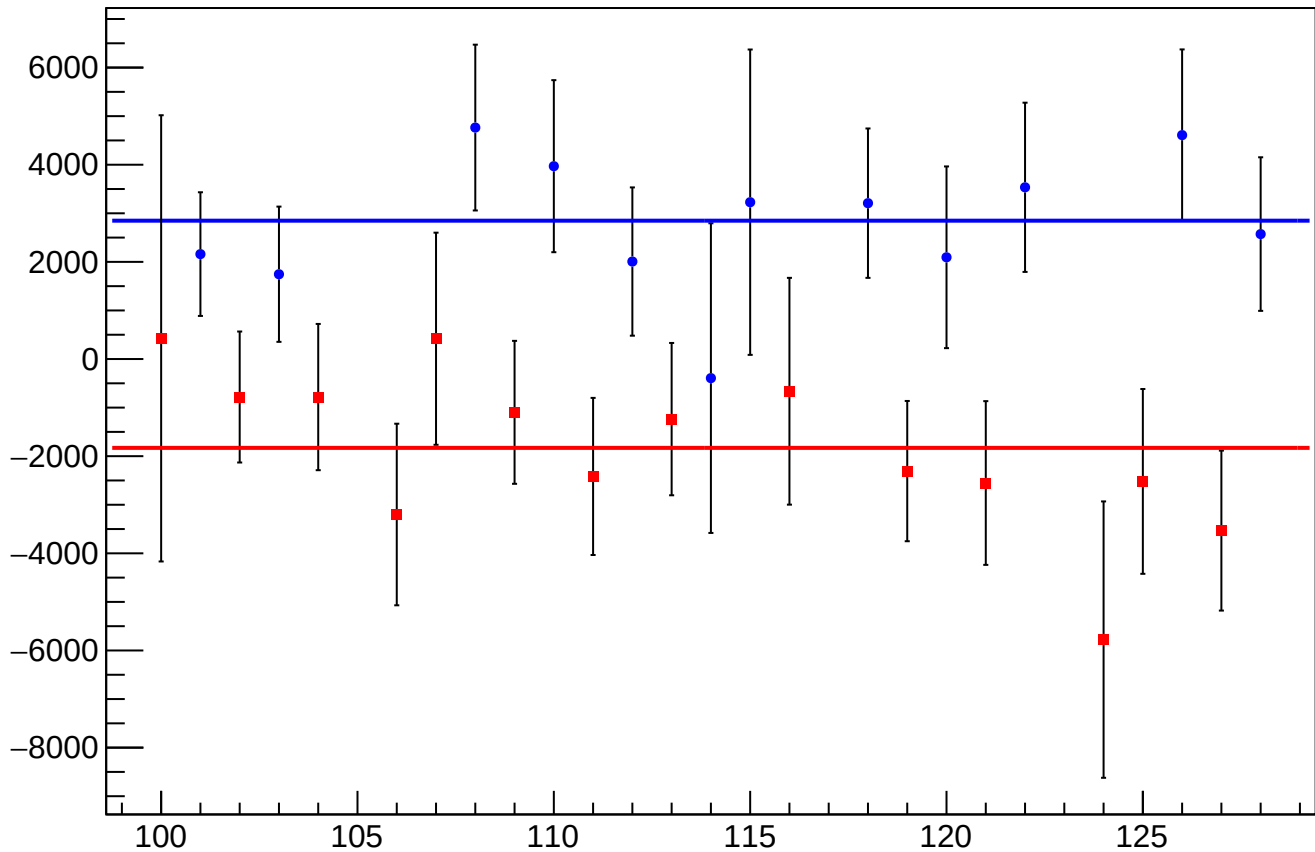
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1638.380+/-0.365 χ^2/NDF : 703614.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

overload_cor_asym_usr_mean vs Slug



Right In: 2848.100 $\pm$ 488.874 χ^2 /NDF: 5.3/11

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

Right Out: -1829.002 $\pm$ 467.805 χ^2 /NDF: 7.1/13

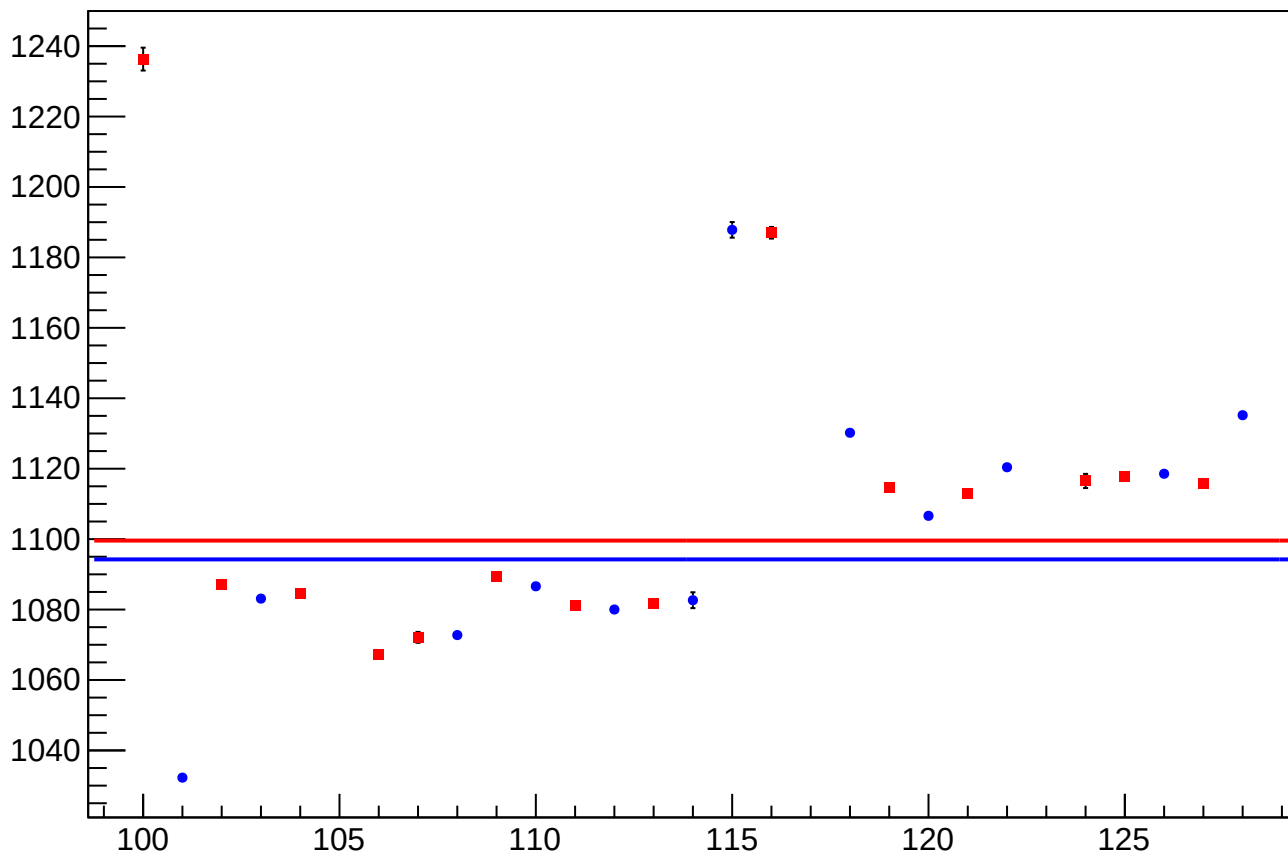
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 406.594 $\pm$ 337.991 χ^2 /NDF: 60.2/25

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

overload_cor_asym_usr_rms vs Slug



Right In: 1094.242+/-0.346 χ^2/NDF : 10549.7/11

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

Right Out: 1099.590+/-0.331 χ^2/NDF : 7272.3/13

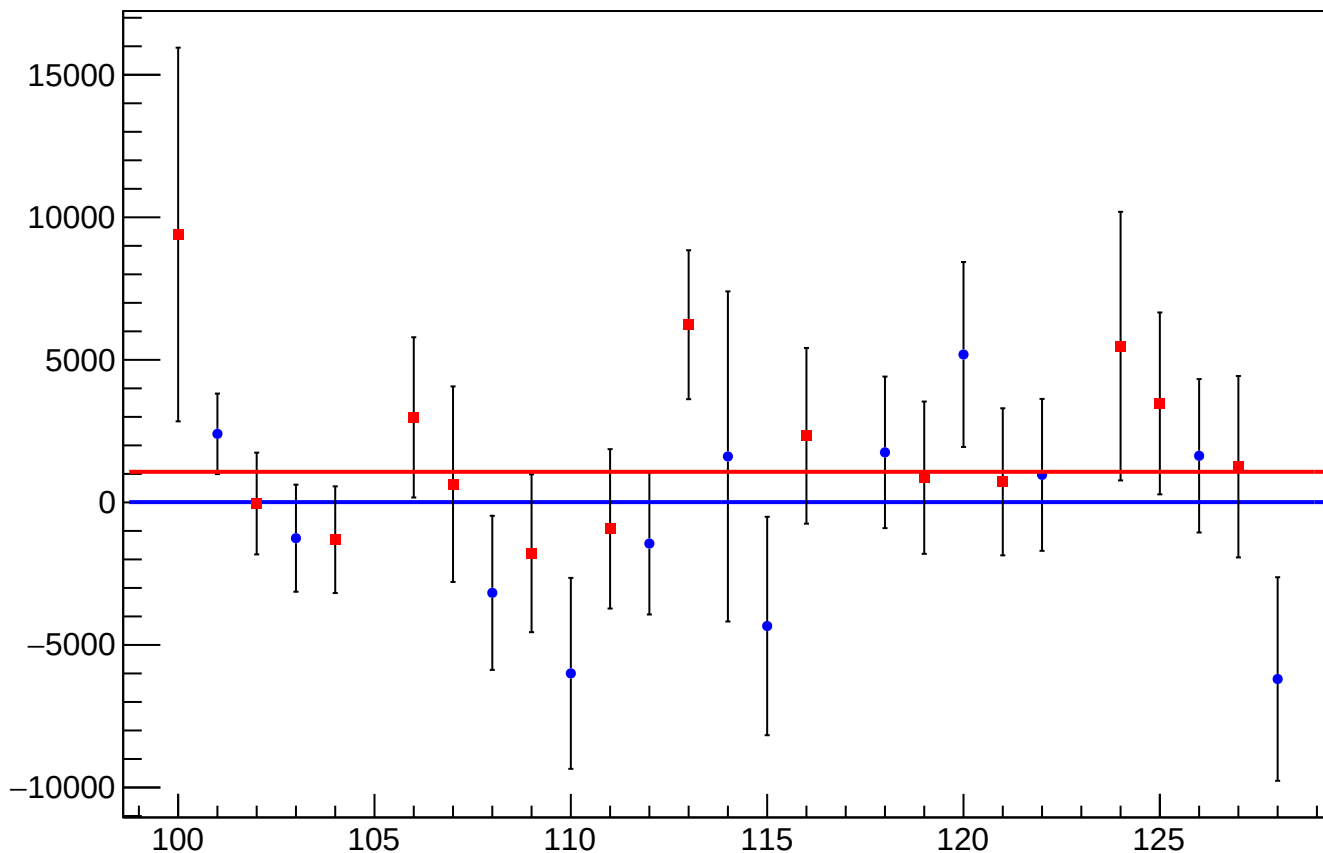
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1097.034+/-0.239 χ^2/NDF : 17946.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_overload_cor_correction_mean vs Slug



Right In: 10.077+/-732.337 χ^2/NDF : 16.1/11

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

Right Out: 1073.598+/-729.879 χ^2/NDF : 11.2/13

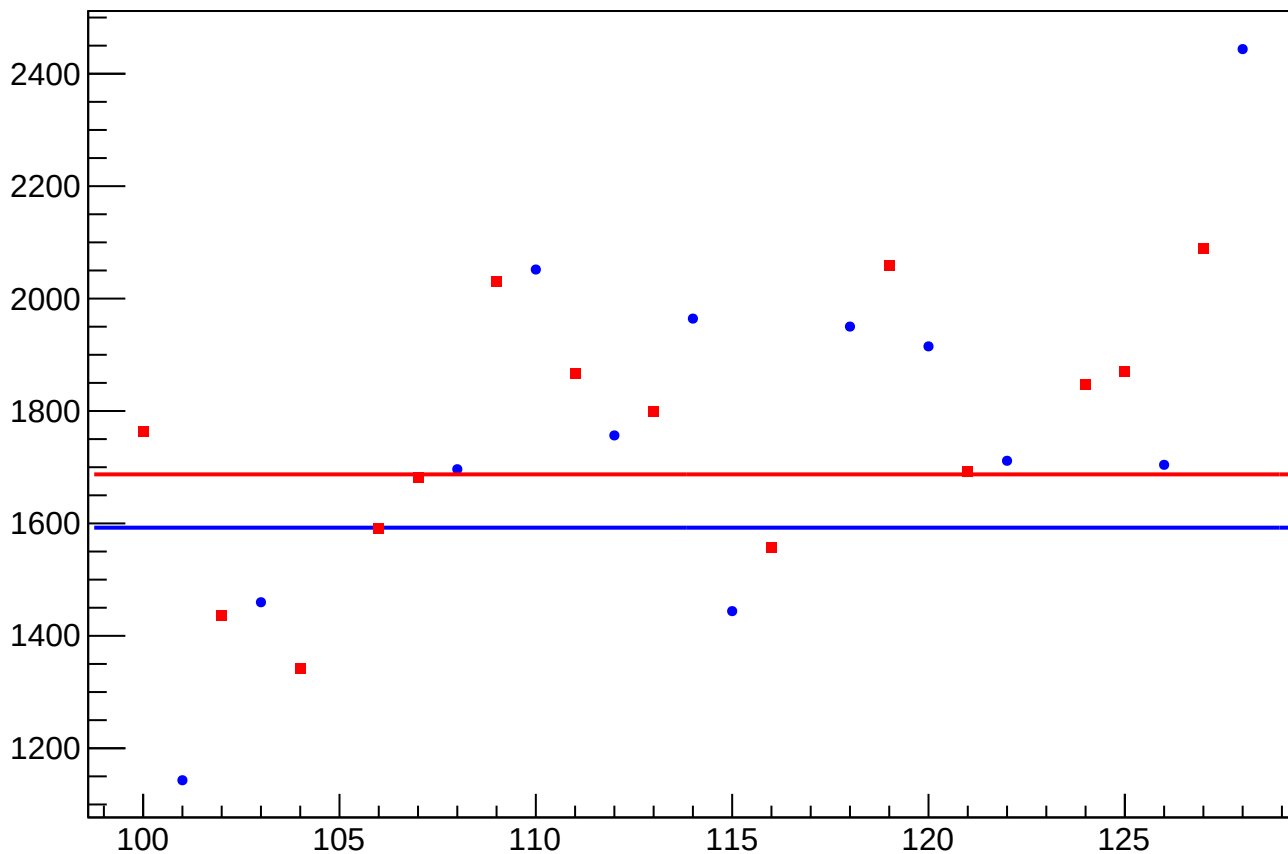
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 543.626+/-516.969 χ^2/NDF : 28.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_overload_cor_correction_rms vs Slug



Right In: 1592.432+/-0.518 χ^2/NDF : 450234.8/11

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

Right Out: 1687.255+/-0.516 χ^2/NDF : 235628.4/13

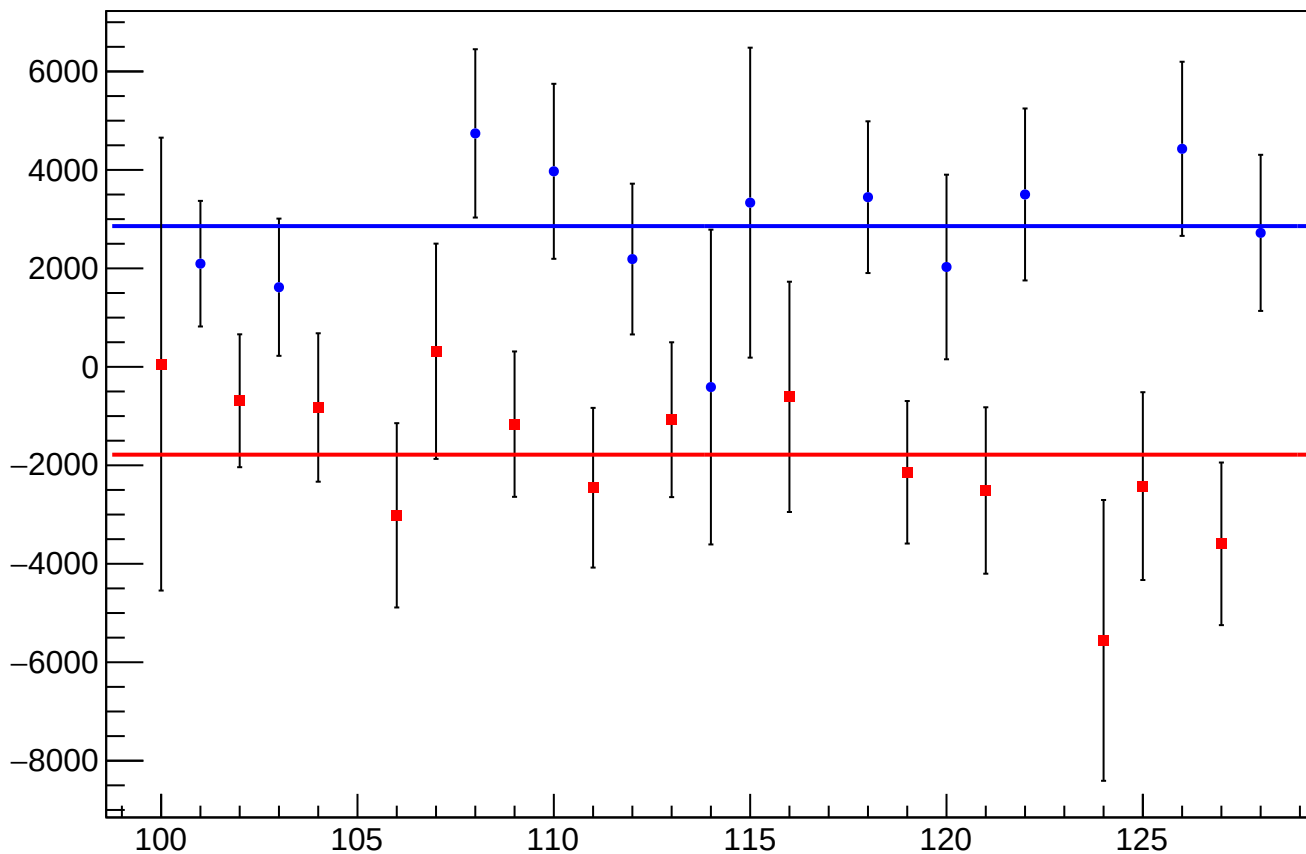
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1640.003+/-0.366 χ^2/NDF : 702684.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_mean vs Slug



Right In: 2858.800+/-490.005 χ^2/NDF : 5.3/11

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

Right Out: -1783.683+/-468.850 χ^2/NDF : 6.7/13

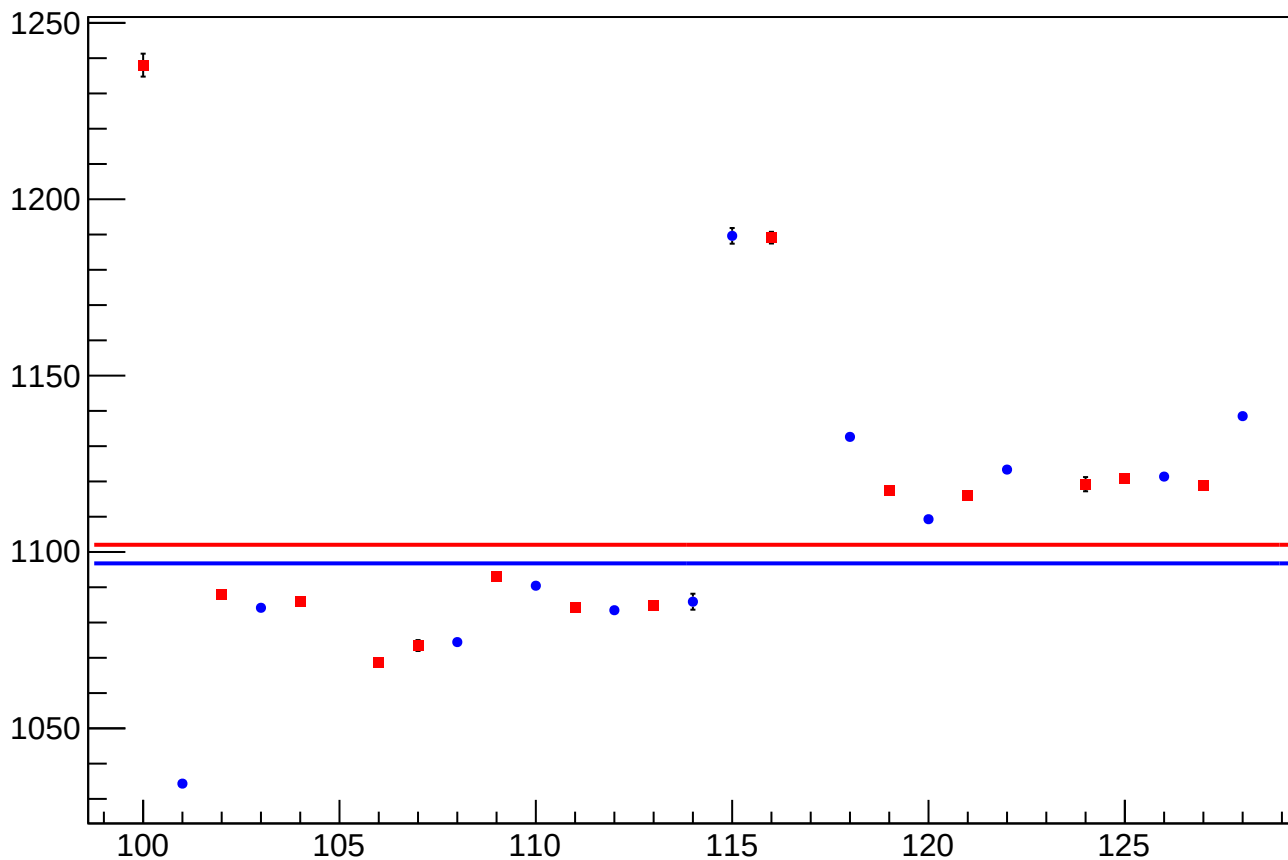
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 435.183+/-338.759 χ^2/NDF : 58.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_rms vs Slug



Right In: 1096.771+/-0.346 χ^2/NDF : 10645.3/11

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

Right Out: 1102.044+/-0.332 χ^2/NDF : 7333.9/13

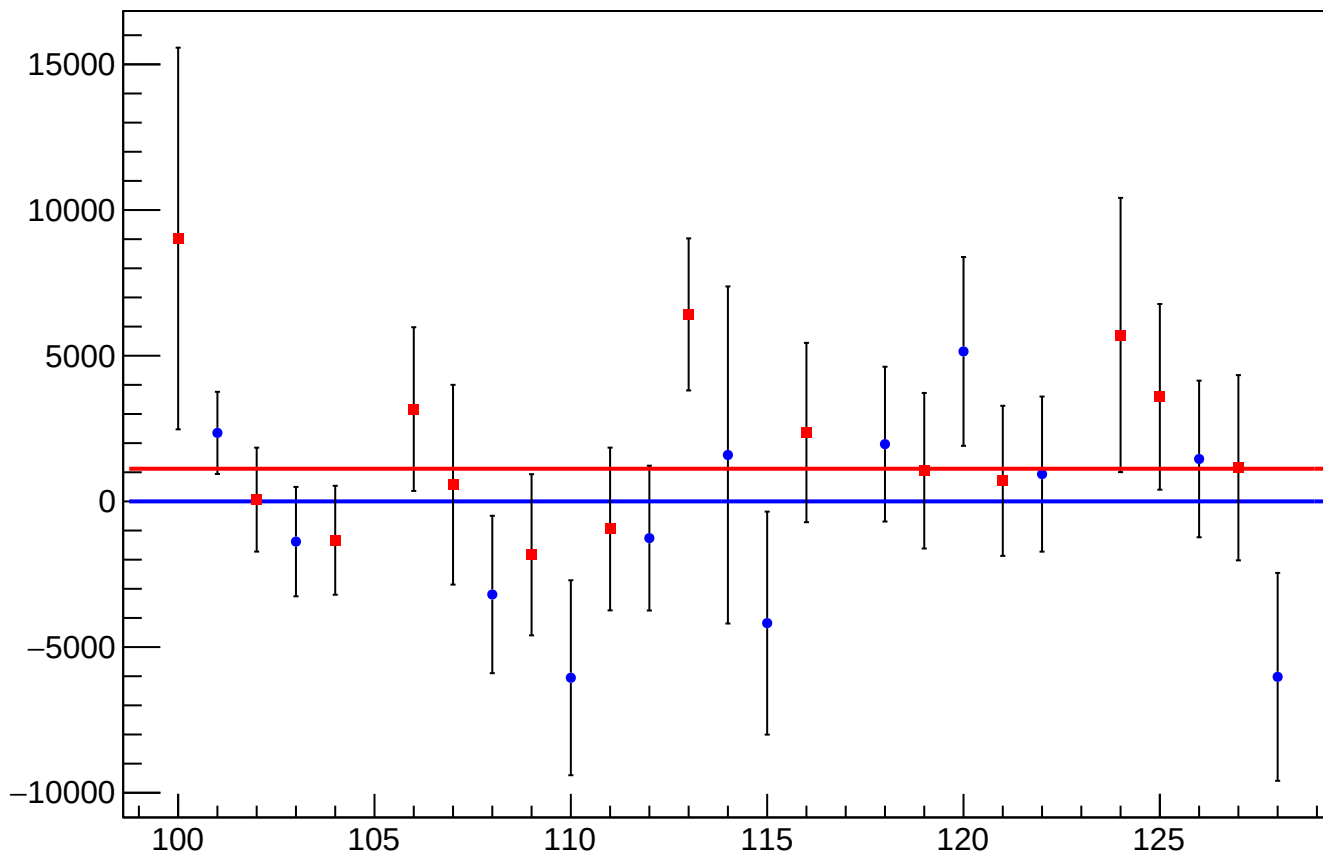
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1099.523+/-0.240 χ^2/NDF : 18100.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_cor_correction_mean vs Slug



Right In: 0.592 $\pm$ 731.549 χ^2 /NDF: 15.9/11

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

Right Out: 1121.741 $\pm$ 729.272 χ^2 /NDF: 11.6/13

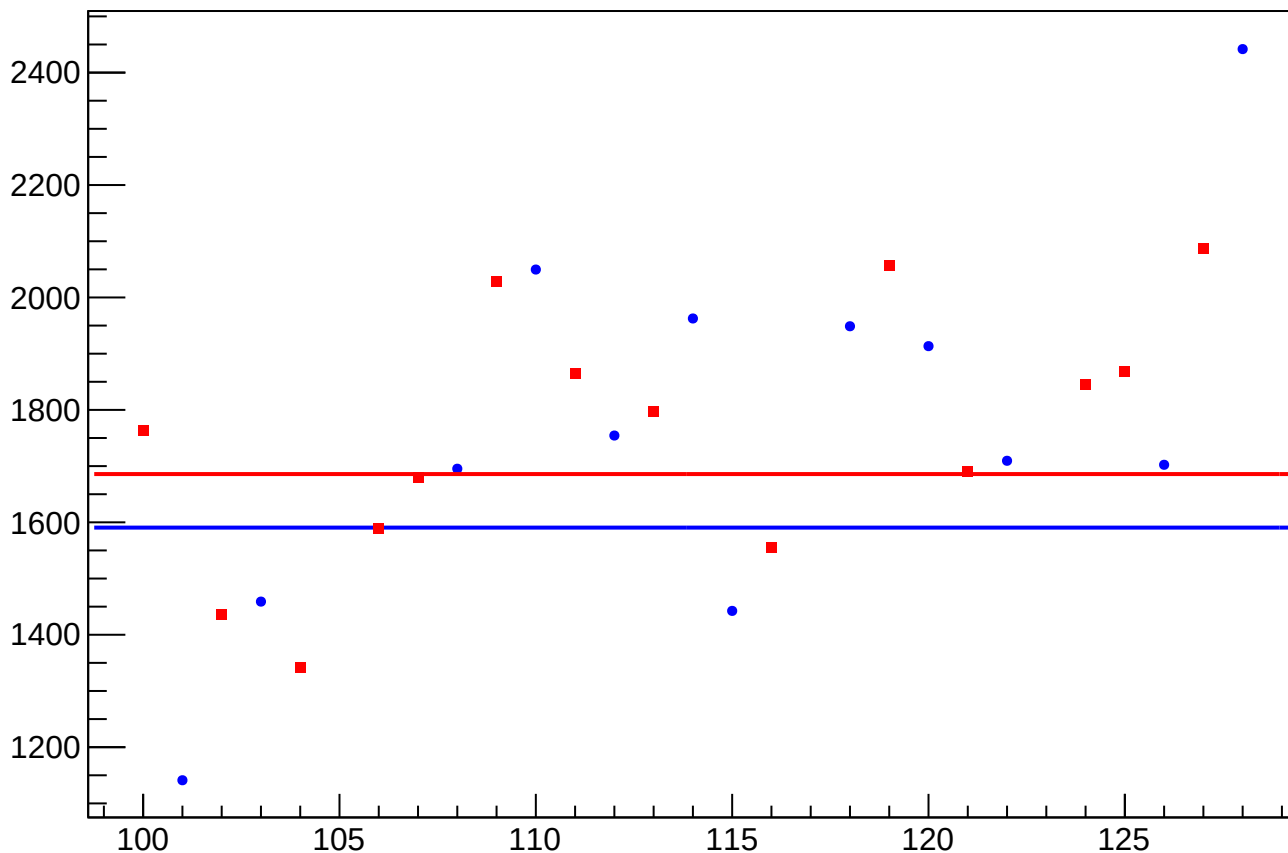
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 562.914 $\pm$ 516.477 χ^2 /NDF: 28.7/25

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

asym_usr_eigen_cor_correction_rms vs Slug



Right In: 1590.612+/-0.517 χ^2/NDF : 451227.6/11

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

Right Out: 1685.851+/-0.516 χ^2/NDF : 235384.6/13

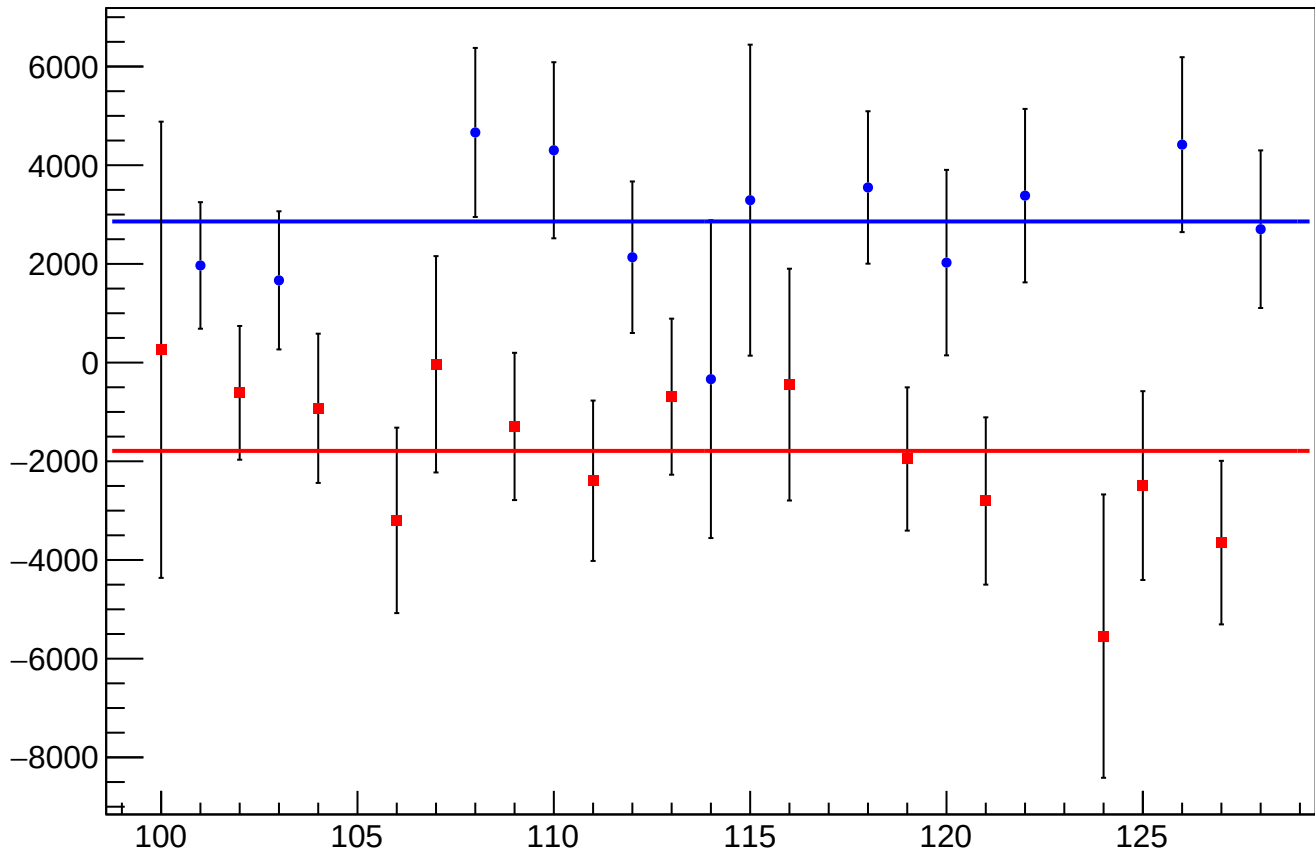
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1638.380+/-0.365 χ^2/NDF : 703614.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_mean vs Slug



Right In: 2860.197 $\pm$ 491.984 χ^2 /NDF: 5.5/11

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

Right Out: -1789.122 $\pm$ 470.868 χ^2 /NDF: 7.0/13

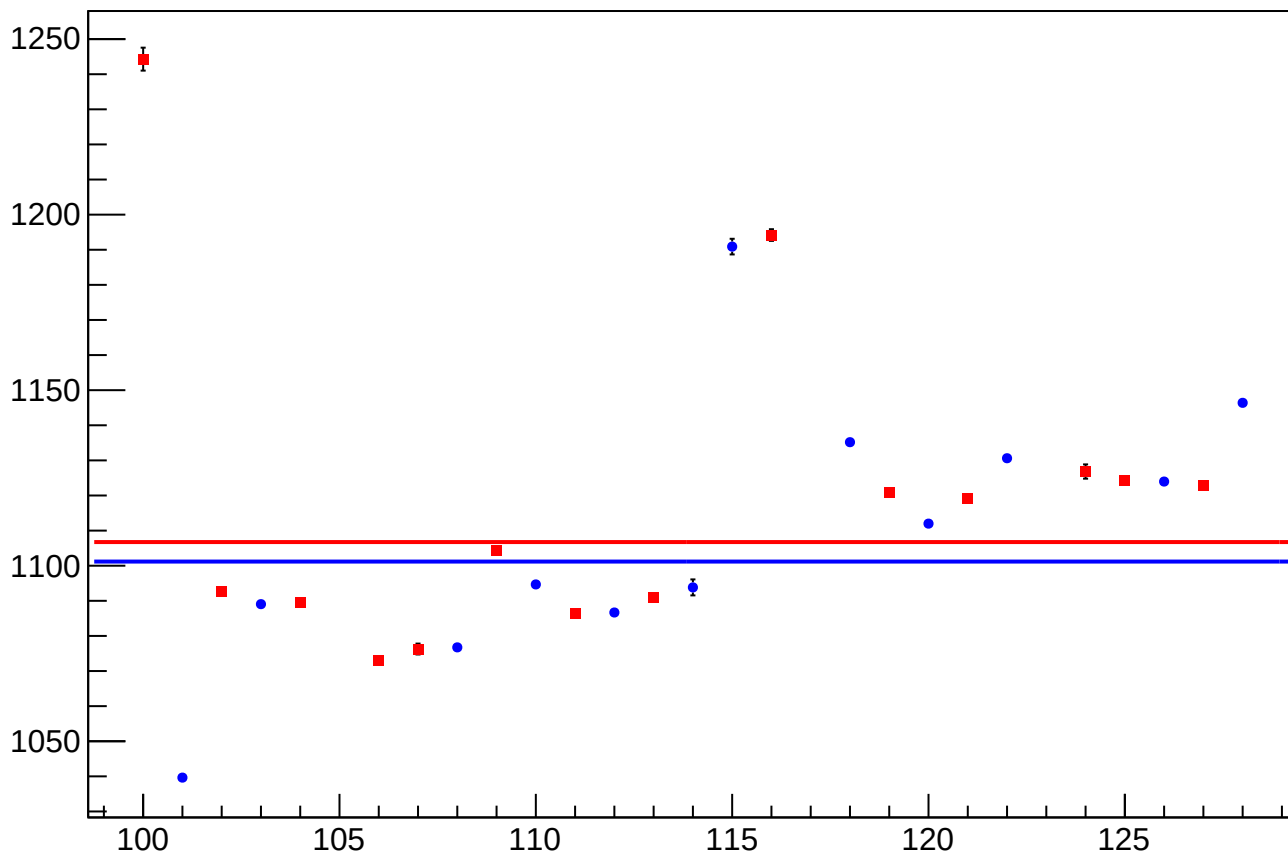
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 433.626 $\pm$ 340.174 χ^2 /NDF: 59.1/25

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

dit_asym_usr_rms vs Slug



Right In: 1101.182 $\pm$ 0.348 χ^2 /NDF: 10532.8/11

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

Right Out: 1106.737 $\pm$ 0.333 χ^2 /NDF: 7325.1/13

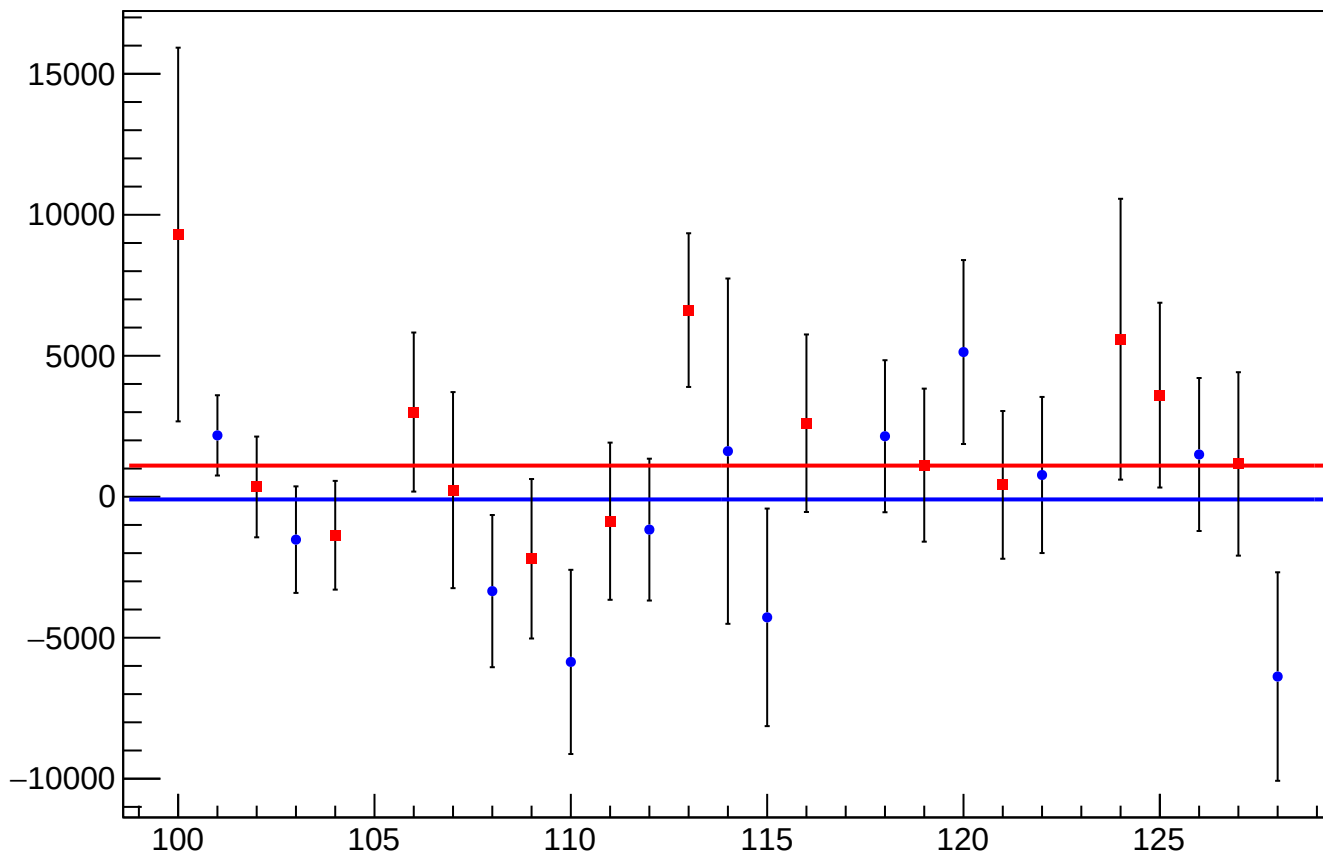
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1104.081 $\pm$ 0.241 χ^2 /NDF: 17990.9/25

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

asym_usr_dit_correction_mean vs Slug



Right In: -95.121+/-739.748 χ^2/NDF : 15.7/11

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

Right Out: 1104.911+/-742.887 χ^2/NDF : 11.5/13

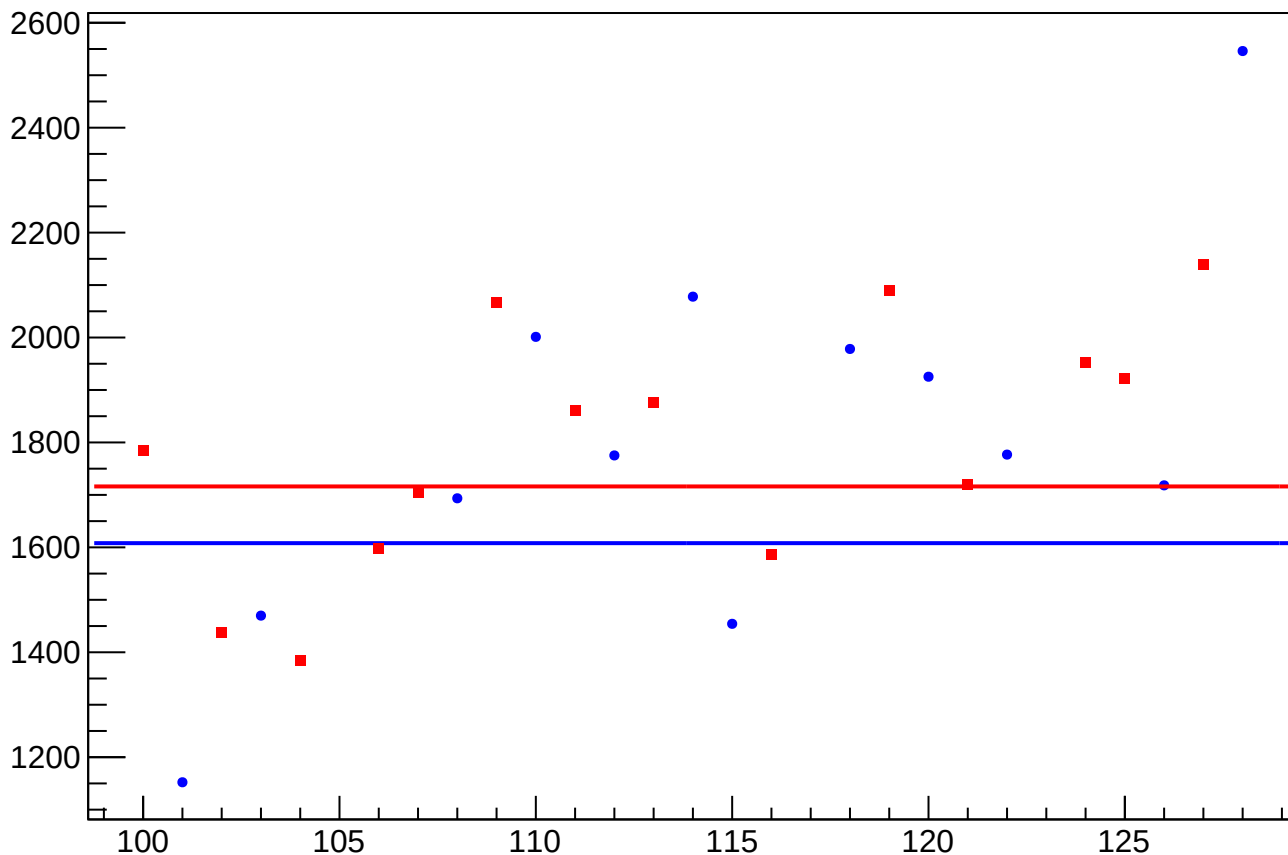
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 502.355+/-524.187 χ^2/NDF : 28.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_dit_correction_rms vs Slug



Right In: 1608.012 $\pm$ 0.523 χ^2 /NDF: 466586.2/11

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

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

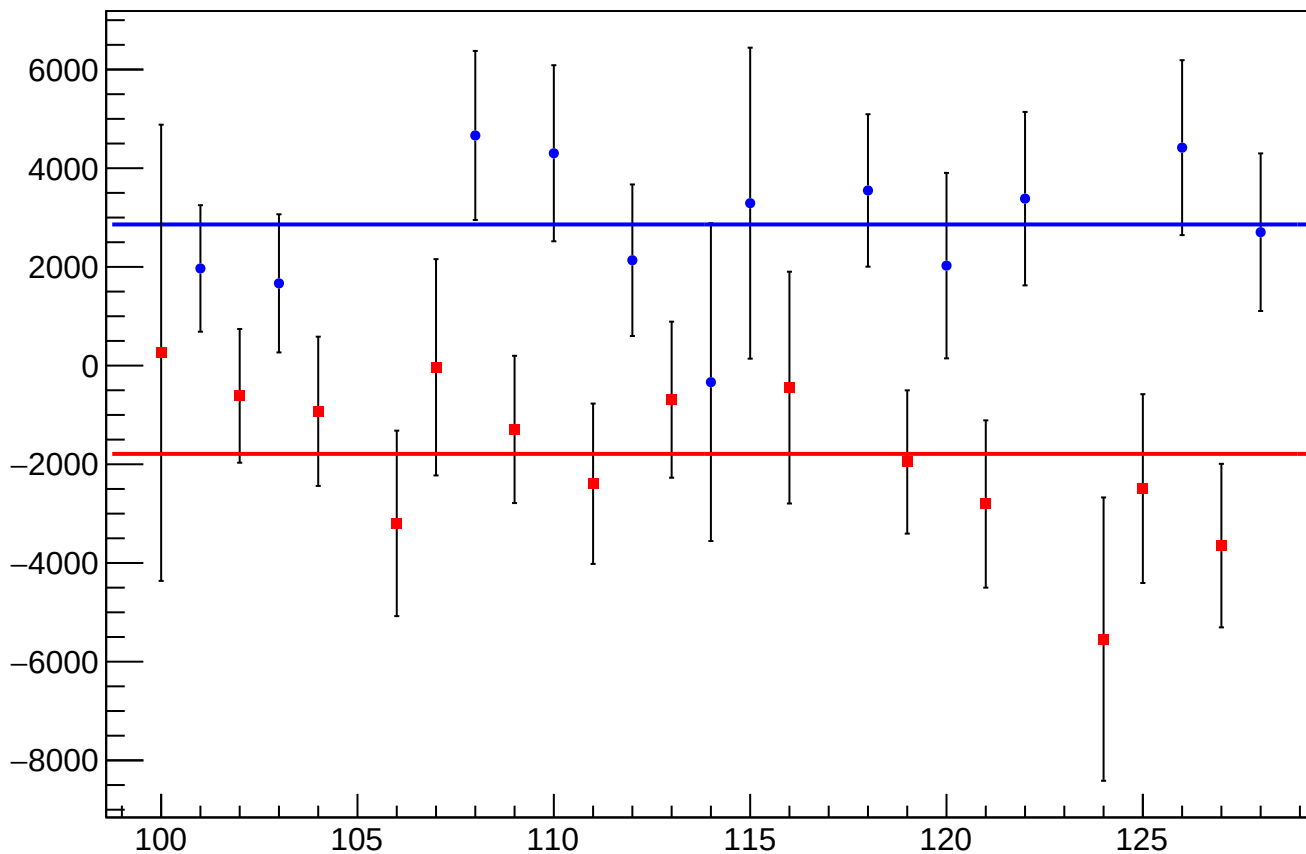
Right Out: 1716.123 $\pm$ 0.525 χ^2 /NDF: 242297.6/13

All: 1661.839 $\pm$ 0.371 χ^2 /NDF: 730151.6/25

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

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

eigen_dit_asym_usr_mean vs Slug



Right In: 2860.201 $\pm$ 491.984 χ^2 /NDF: 5.5/11

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

Right Out: -1789.125 $\pm$ 470.868 χ^2 /NDF: 7.0/13

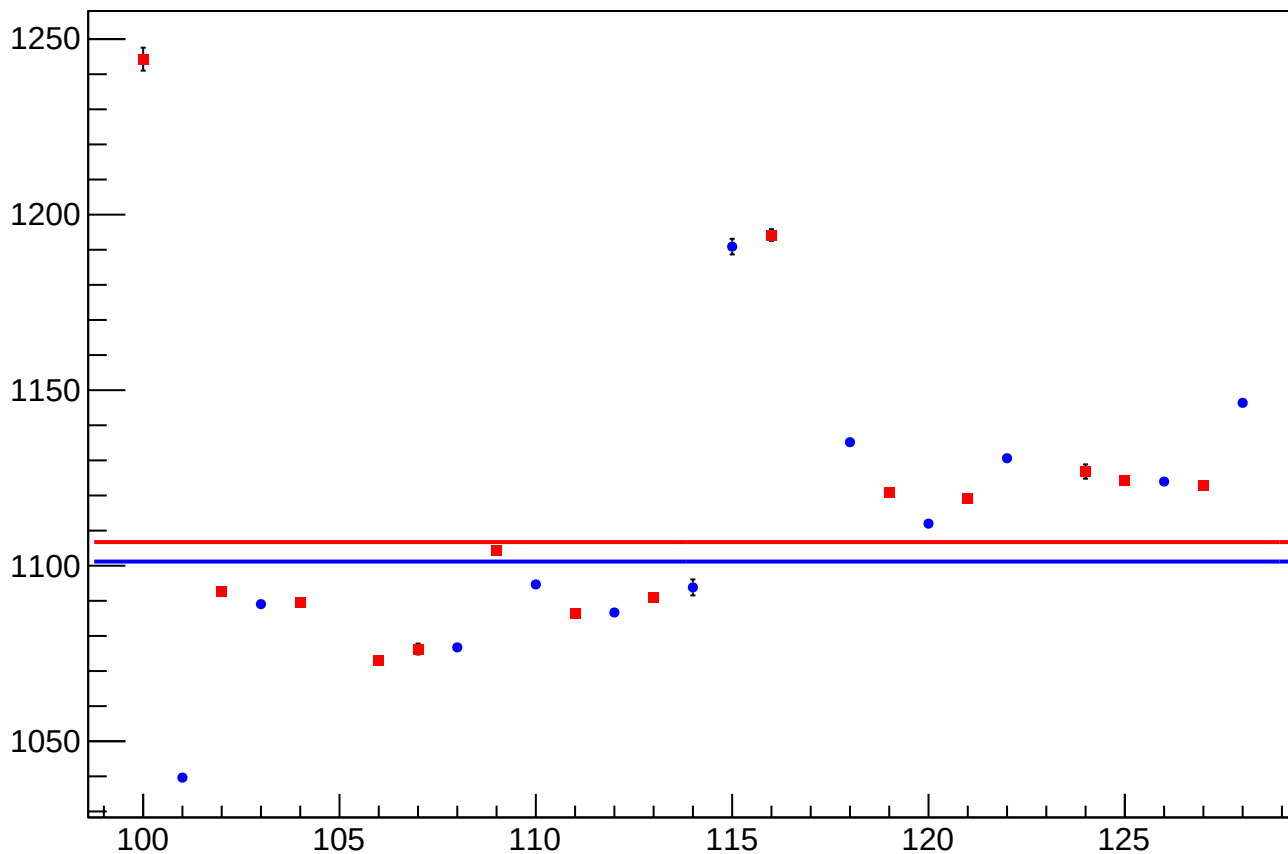
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 433.626 $\pm$ 340.174 χ^2 /NDF: 59.1/25

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

eigen_dit_asym_usr_rms vs Slug



Right In: 1101.182 $\pm$ 0.348 χ^2 /NDF: 10532.7/11

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

Right Out: 1106.737 $\pm$ 0.333 χ^2 /NDF: 7325.1/13

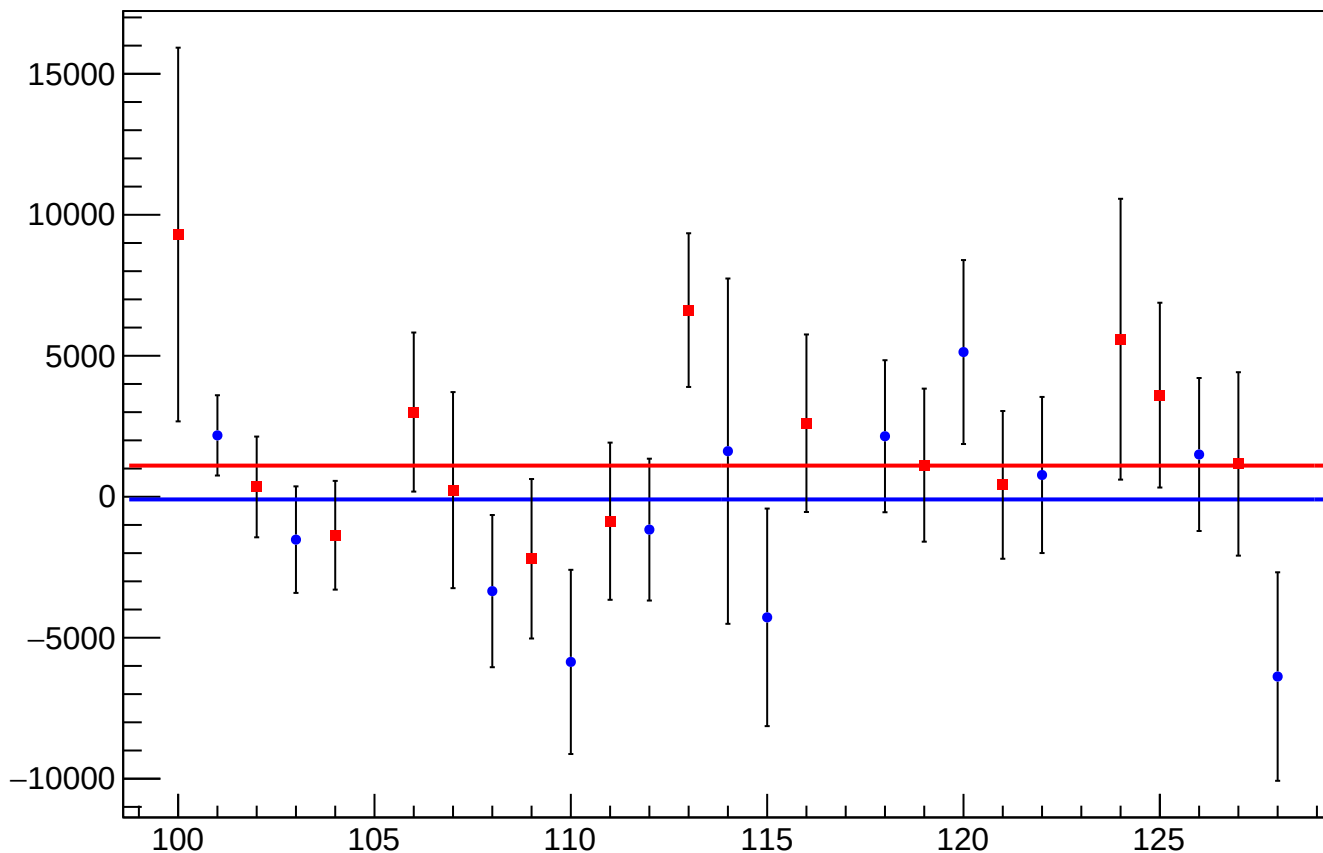
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1104.081 $\pm$ 0.241 χ^2 /NDF: 17990.8/25

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

asym_usr_eigen_dit_correction_mean vs Slug



Right In: -95.122 ± 739.747 χ^2/NDF : 15.7/11

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

Right Out: 1104.913 ± 742.886 χ^2/NDF : 11.5/13

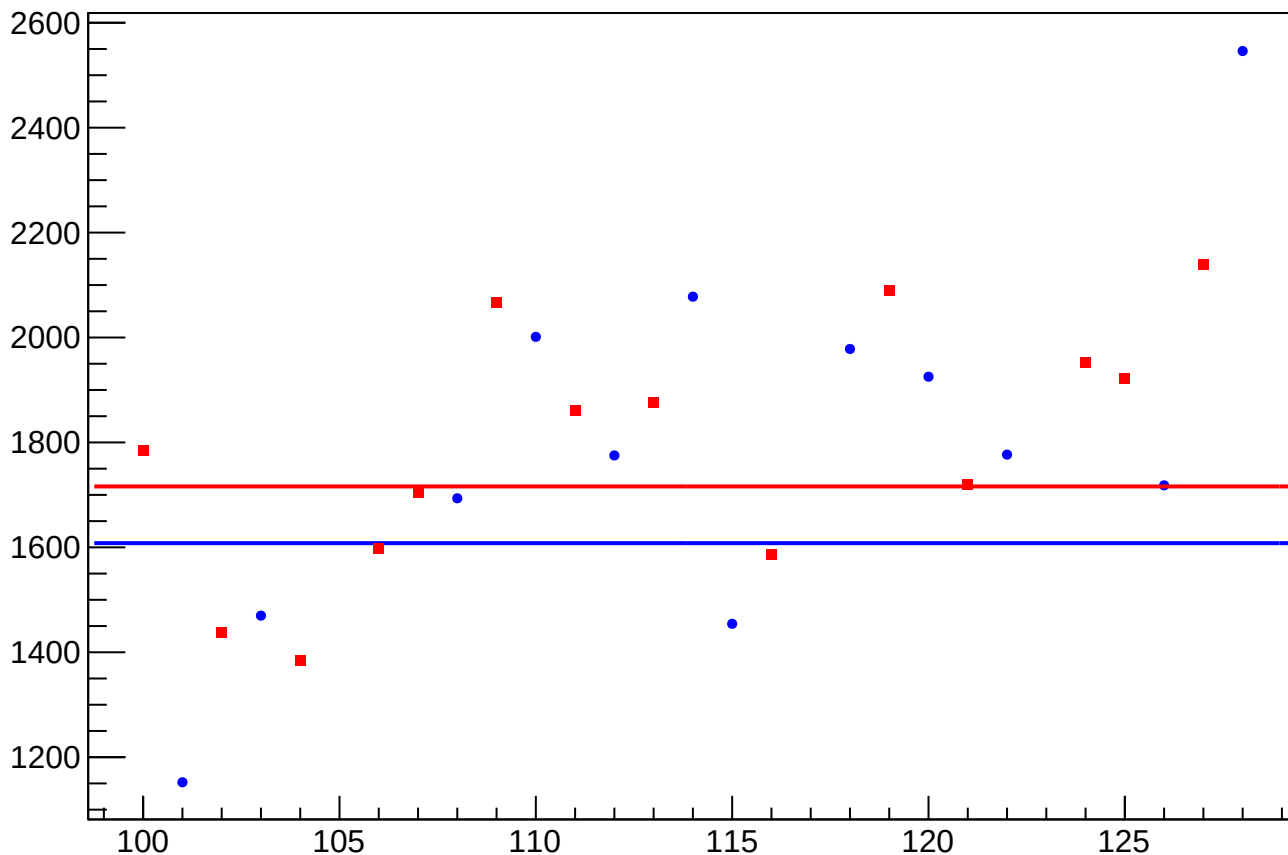
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 502.355 ± 524.186 χ^2/NDF : 28.5/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_dit_correction_rms vs Slug



Right In: 1608.009+/-0.523 χ^2/NDF : 466577.5/11

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

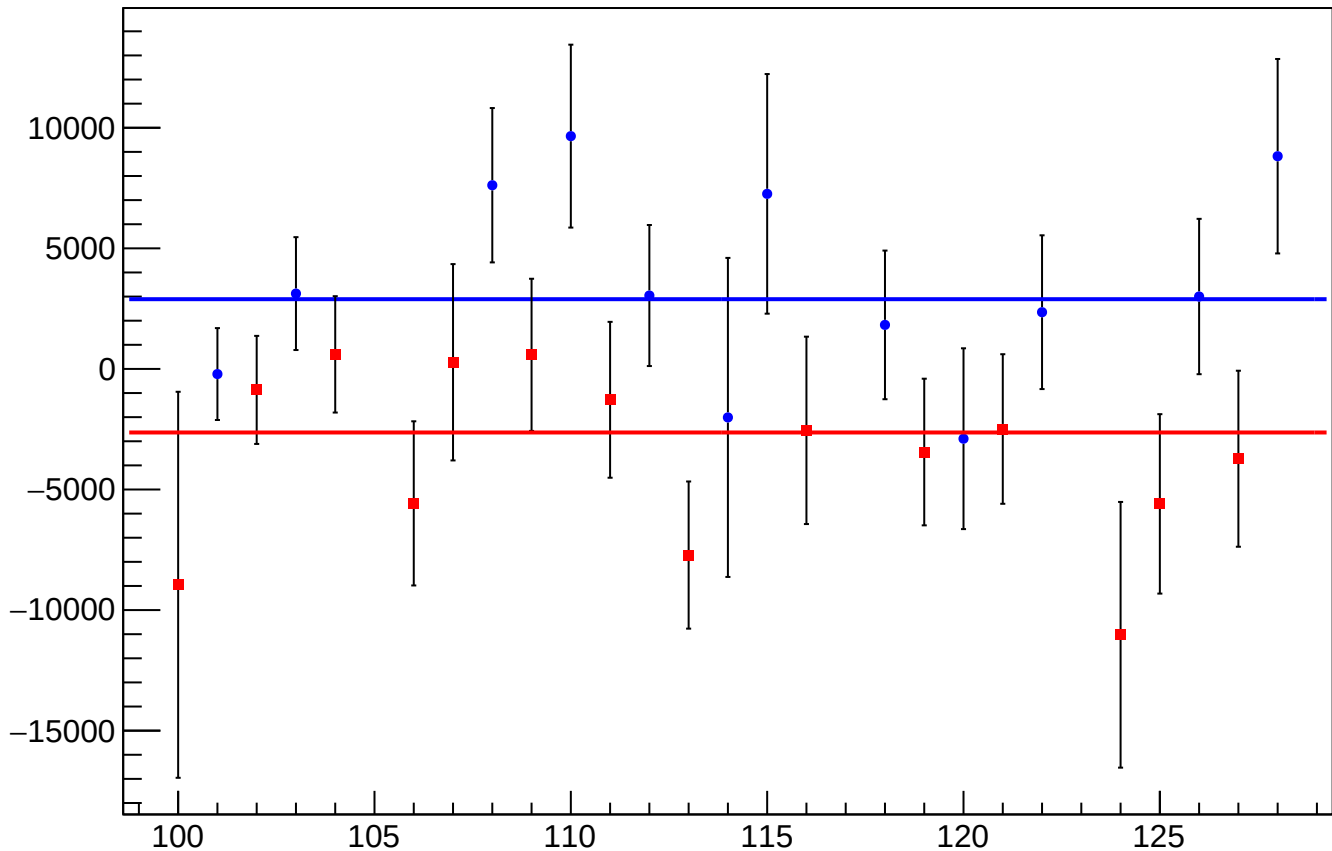
Right Out: 1716.121+/-0.525 χ^2/NDF : 242289.3/13

All: 1661.836+/-0.371 χ^2/NDF : 730135.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_usr_mean vs Slug



Right In: 2891.737+/-898.665 χ^2/NDF : 14.0/11

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

Right Out: -2635.632+/-878.564 χ^2/NDF : 11.4/13

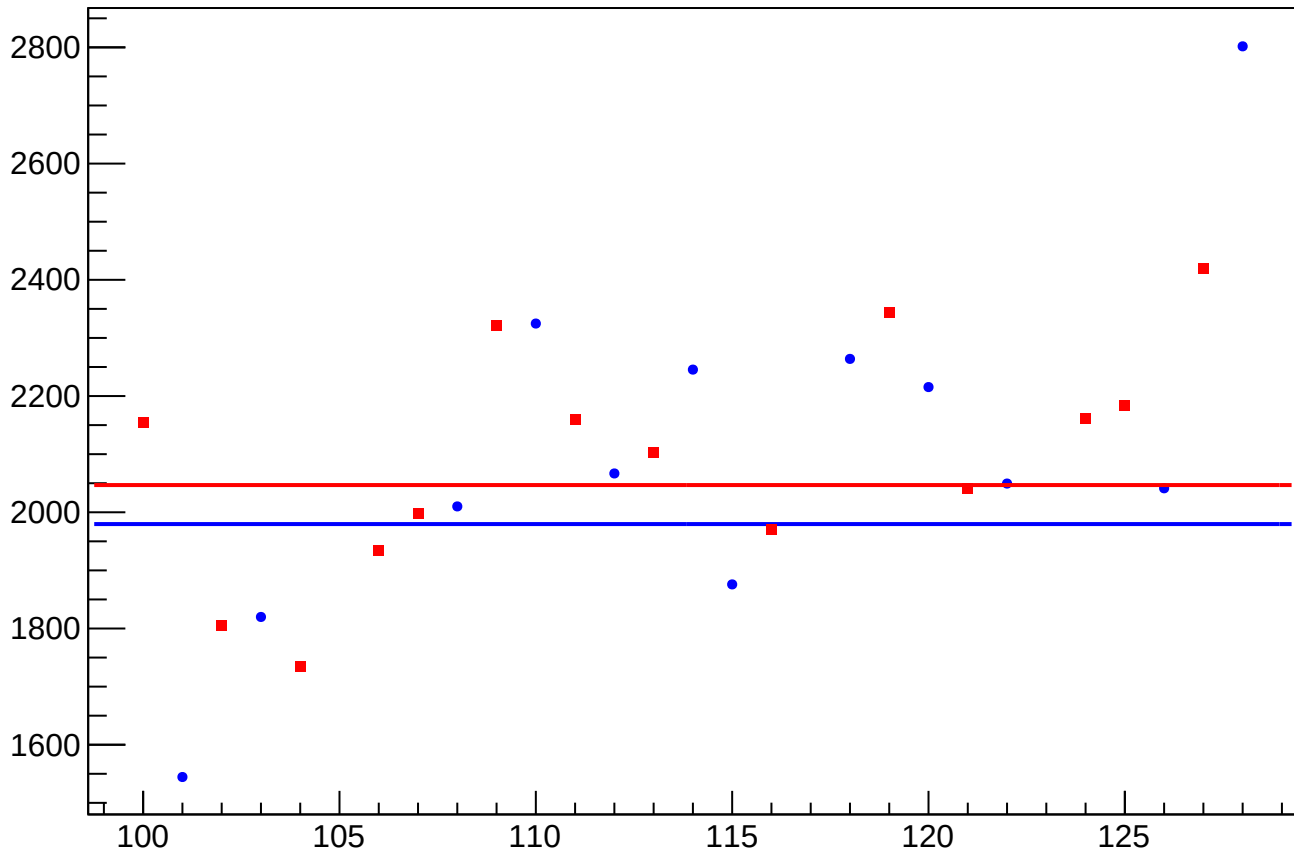
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.543+/-628.225 χ^2/NDF : 44.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_rms vs Slug



Right In: 1979.709 $\pm$ 0.635 χ^2 /NDF: 246061.4/11

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

Right Out: 2046.841 $\pm$ 0.621 χ^2 /NDF: 122142.2/13

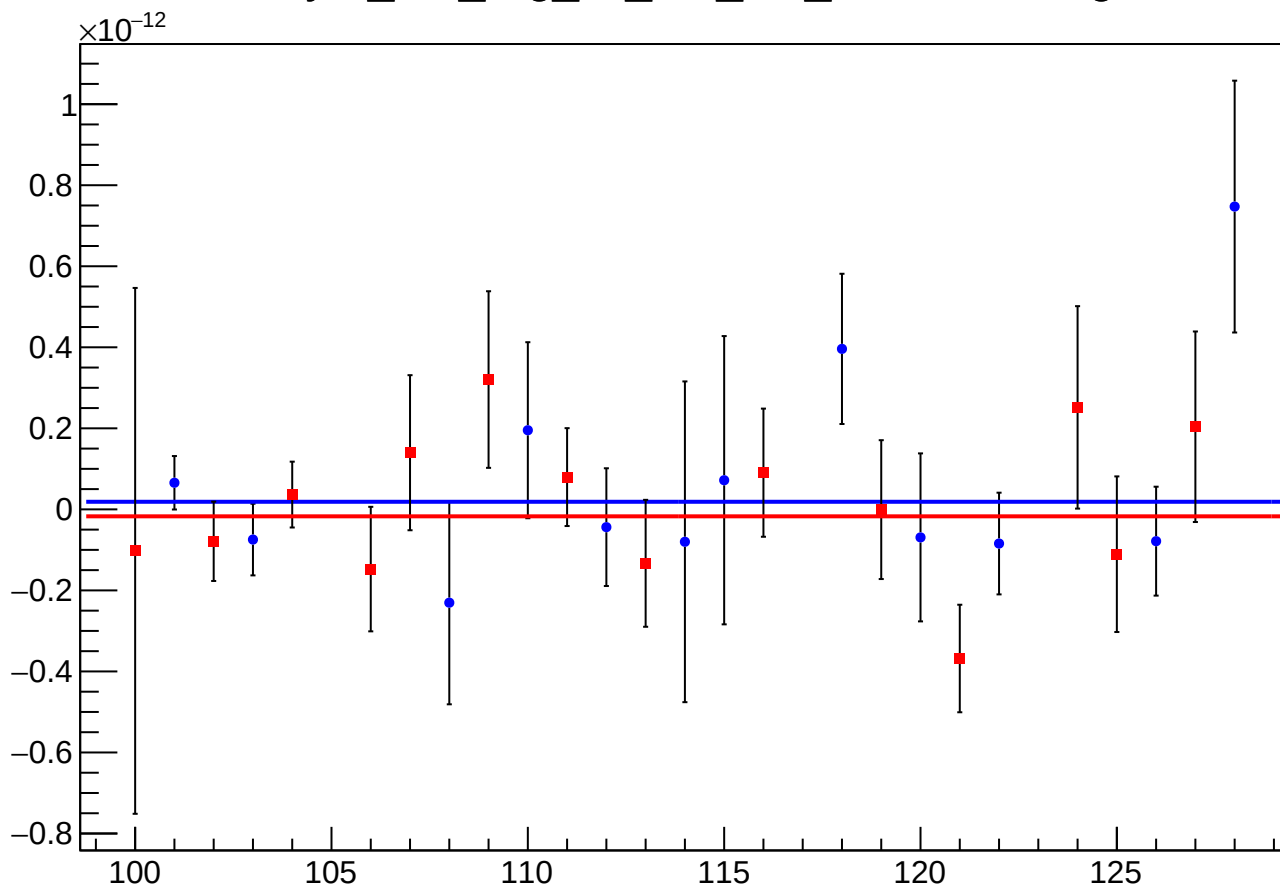
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 2014.034 $\pm$ 0.444 χ^2 /NDF: 373910.3/25

- sign 0.000 $\pm$ 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: 14.6/11

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.6/13

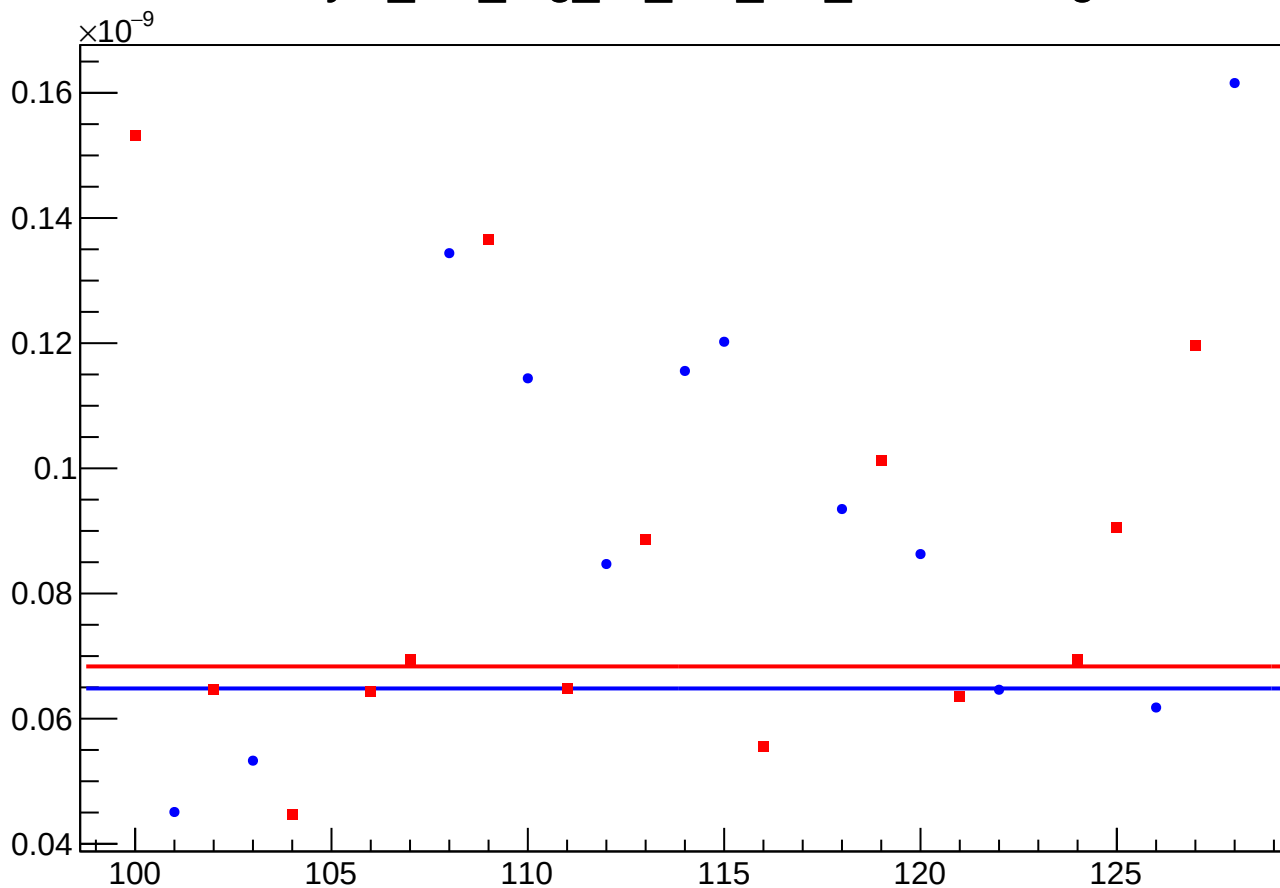
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 30.5/25

- 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 : 854122.1/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 649956.4/13

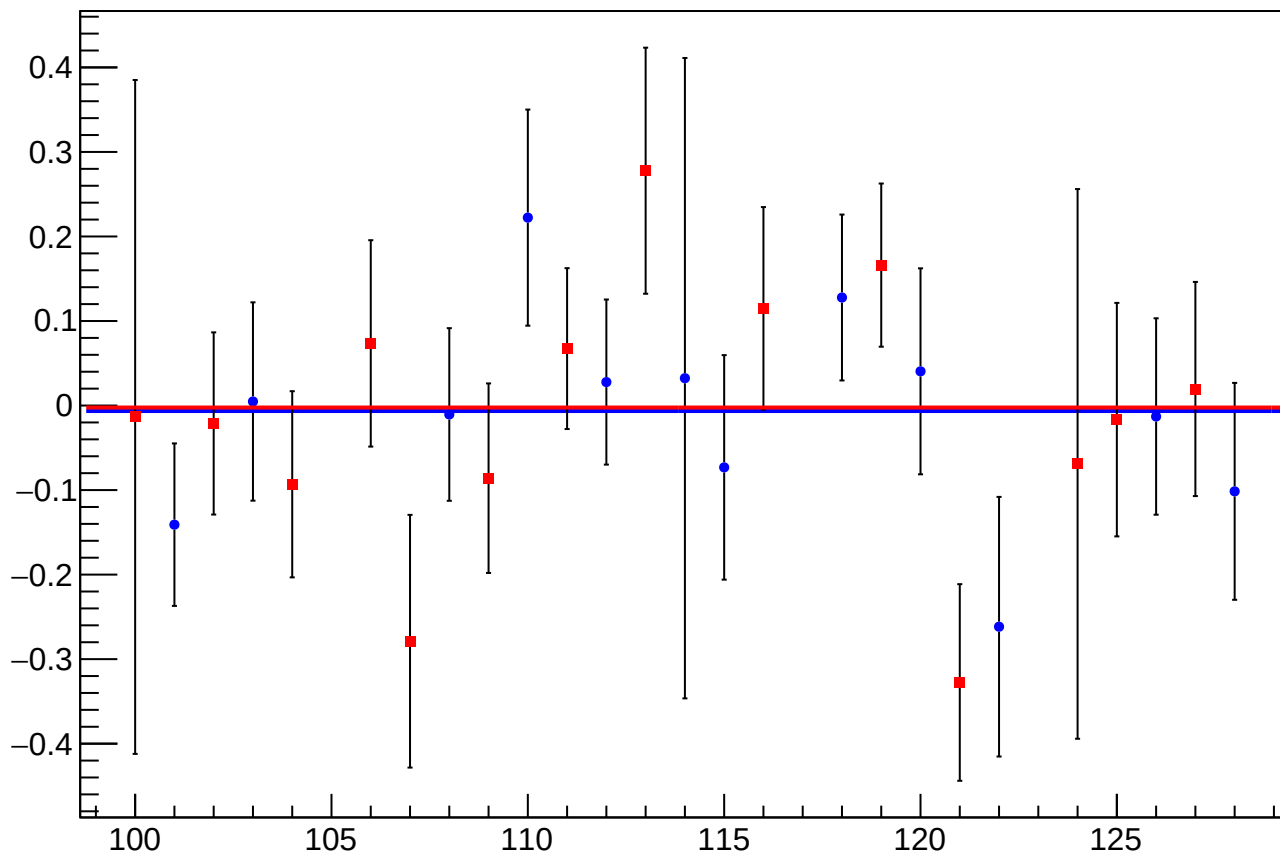
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1512058.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_dit_vs_cor_diff_mean vs Slug



Right In: -0.006 ± 0.034 χ^2/NDF : 10.9/11

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

Right Out: -0.002 ± 0.033 χ^2/NDF : 21.2/13

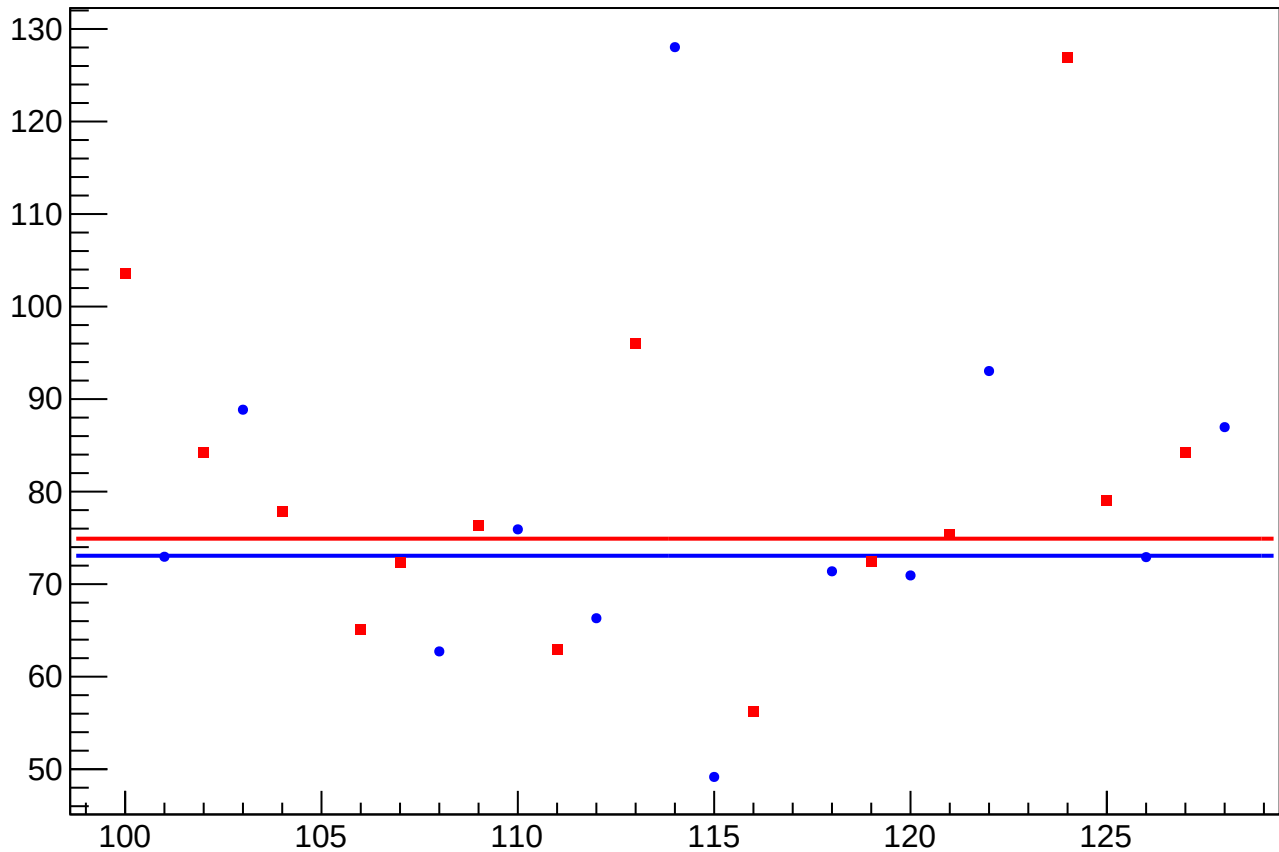
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.024 χ^2/NDF : 32.1/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usr_dit_vs_cor_diff_rms vs Slug



Right In: 73.069+/-0.024 χ^2/NDF : 232672.2/11

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

Right Out: 74.913+/-0.024 χ^2/NDF : 228084.4/13

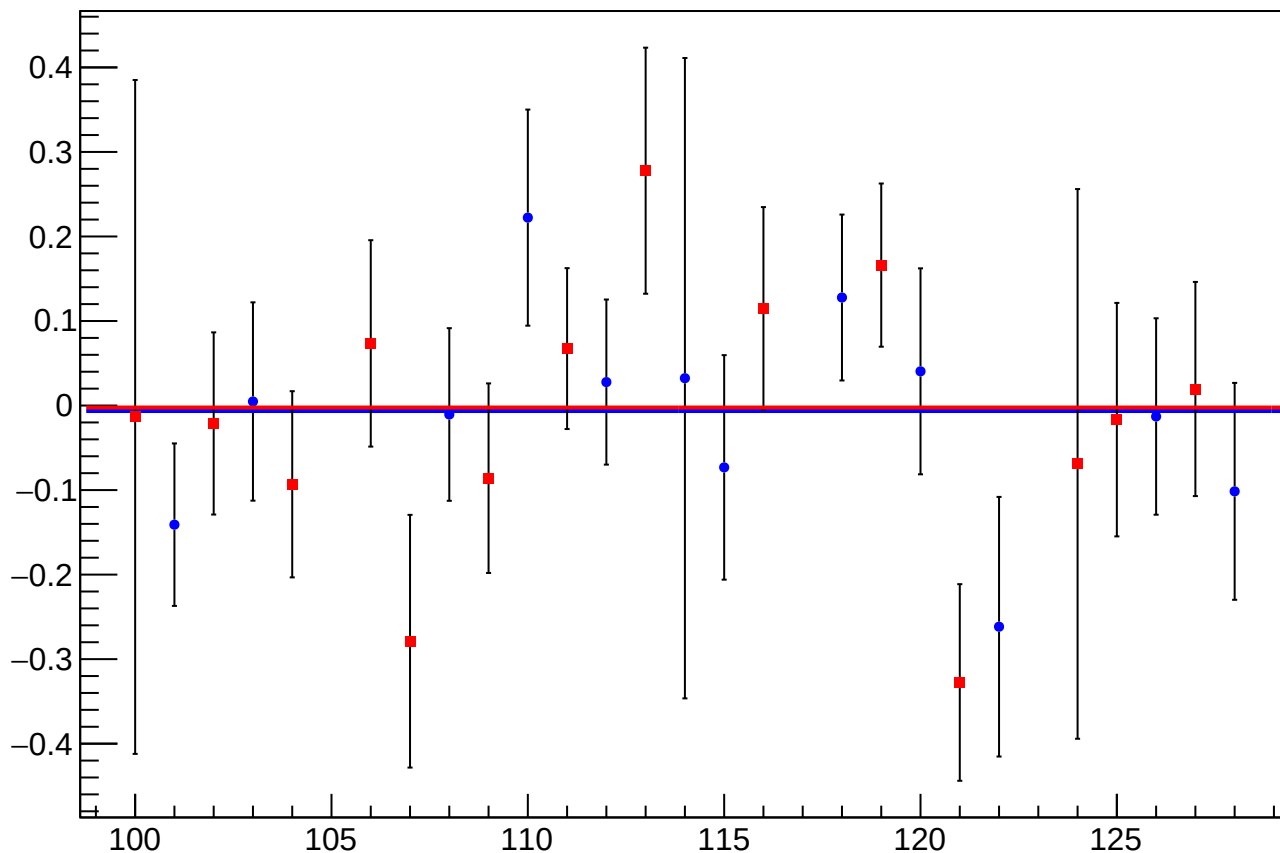
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.014+/-0.017 χ^2/NDF : 463739.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.006 $\pm$ 0.034 χ^2 /NDF: 10.9/11

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

Right Out: -0.002 $\pm$ 0.033 χ^2 /NDF: 21.2/13

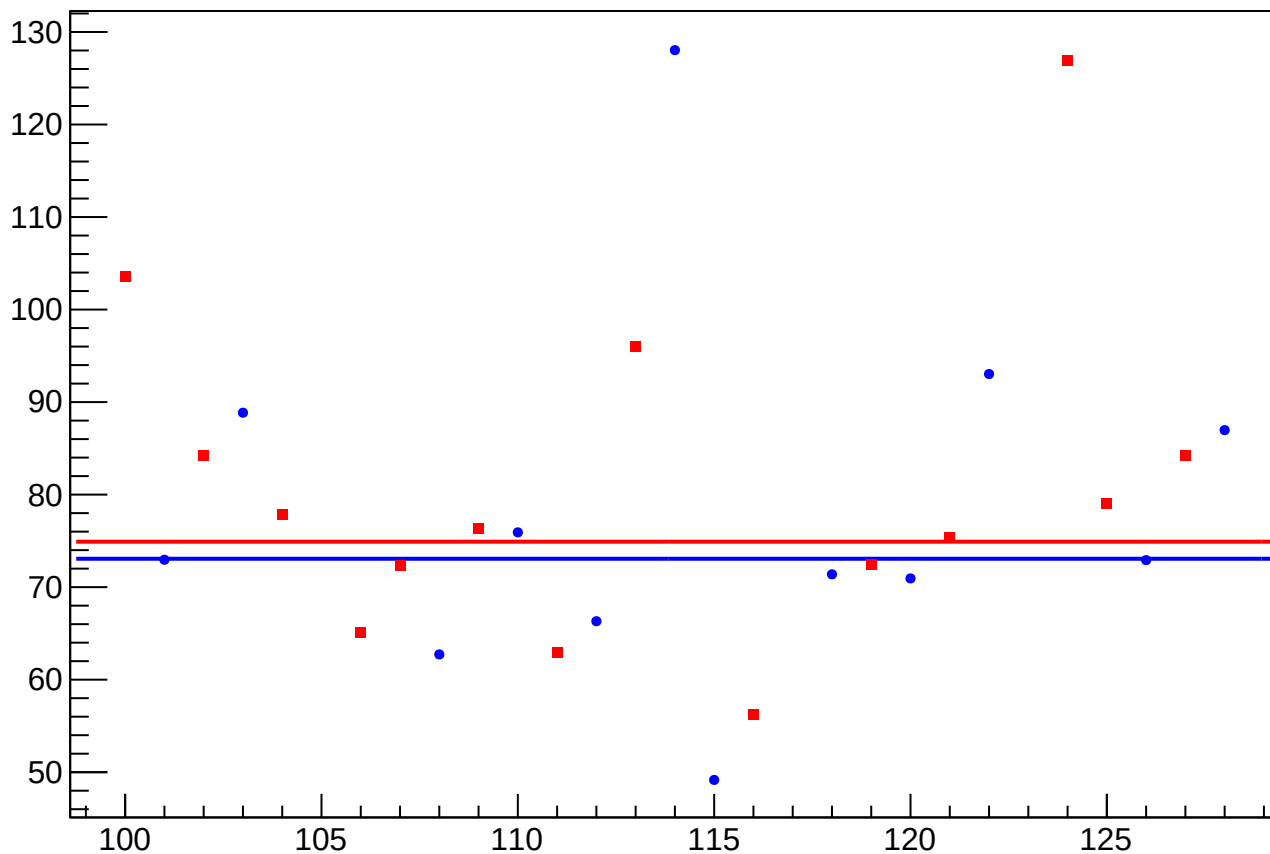
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.004 $\pm$ 0.024 χ^2 /NDF: 32.1/25

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

asym_usr_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 73.069+/-0.024 χ^2 /NDF: 232672.2/11

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

Right Out: 74.913+/-0.024 χ^2 /NDF: 228084.4/13

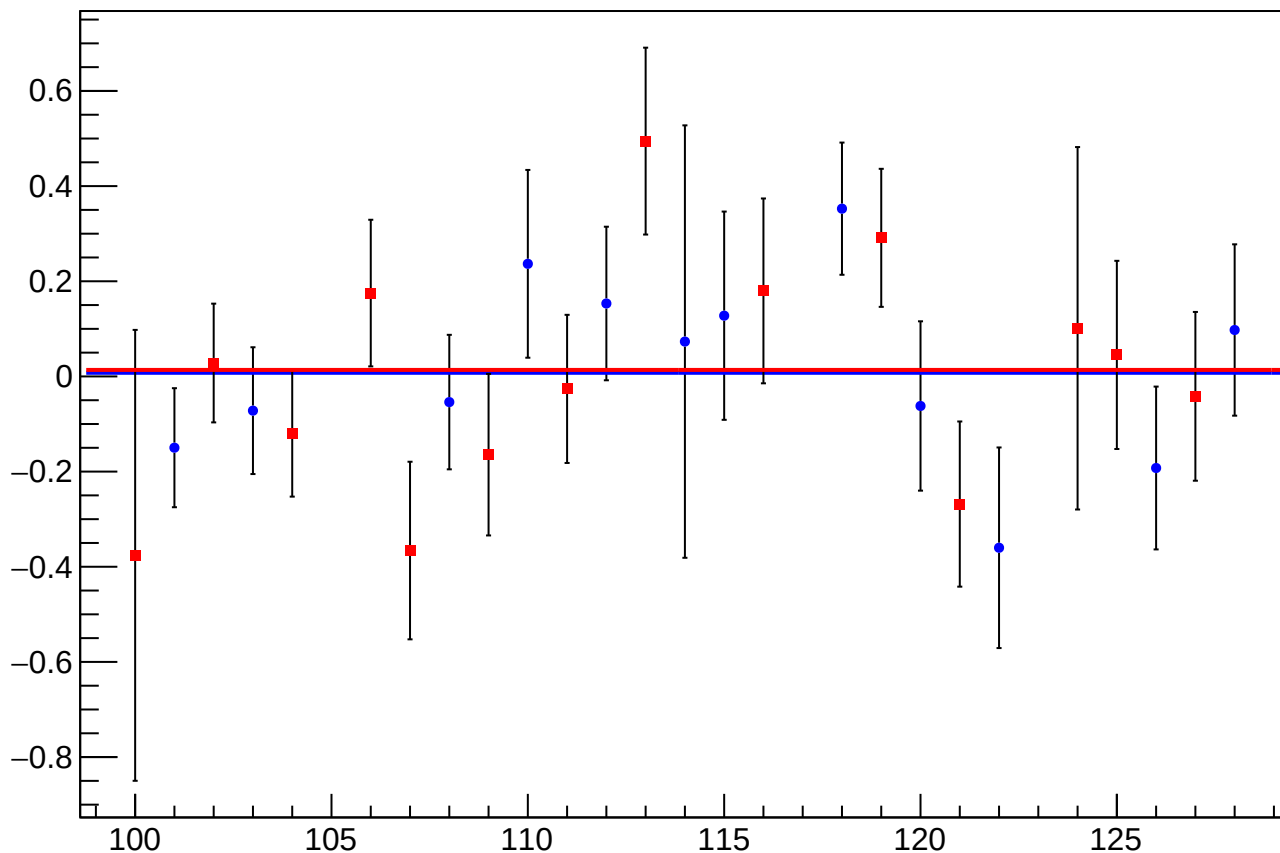
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 74.014+/-0.017 χ^2 /NDF: 463739.6/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_dit_vs_overload_cor_diff_mean vs Slug



Right In: 0.008 $\pm$ 0.048 χ^2 /NDF: 15.6/11

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

Right Out: 0.014 $\pm$ 0.046 χ^2 /NDF: 21.3/13

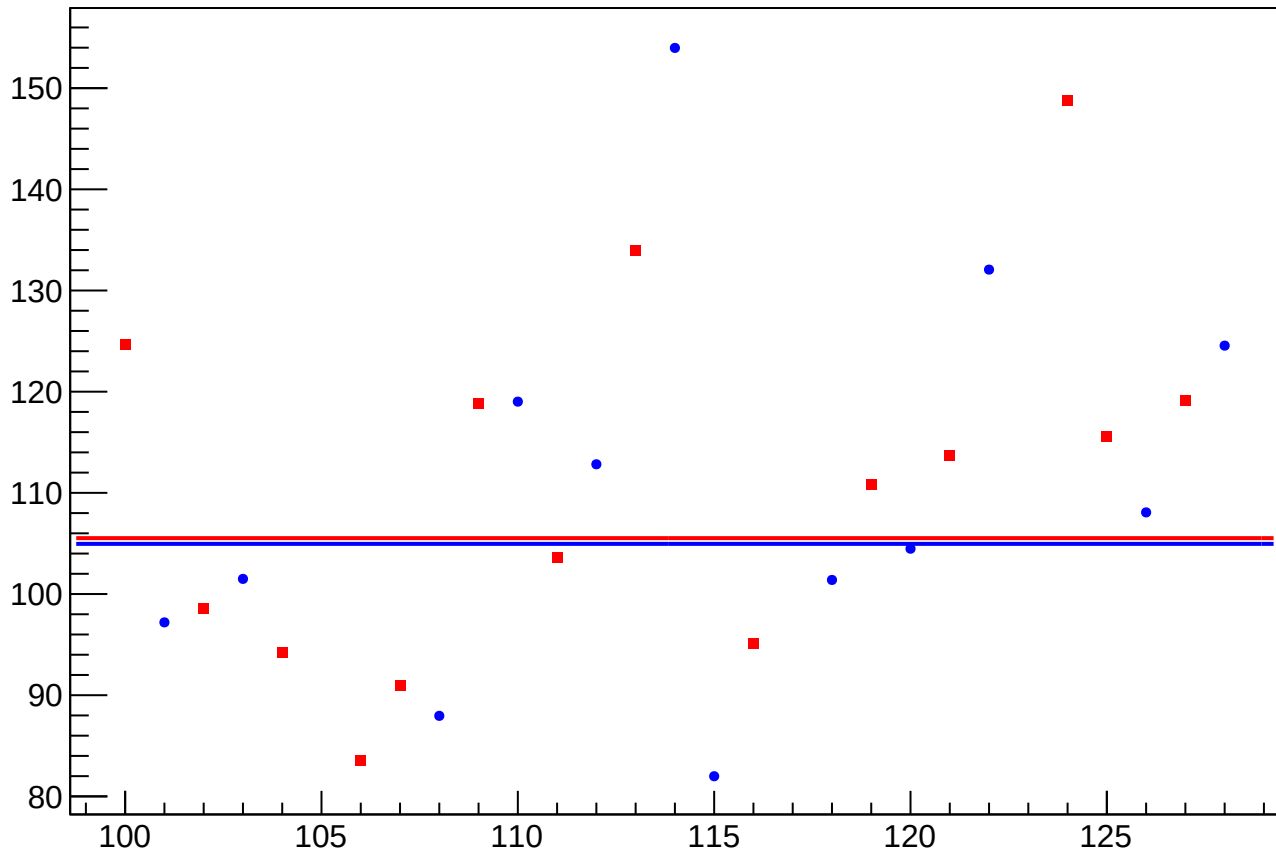
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.011 $\pm$ 0.033 χ^2 /NDF: 36.9/25

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

asym_usr_dit_vs_overload_cor_diff_rms vs Slug



Right In: 104.958+/-0.034 χ^2/NDF : 156925.0/11

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

Right Out: 105.524+/-0.033 χ^2/NDF : 187446.9/13

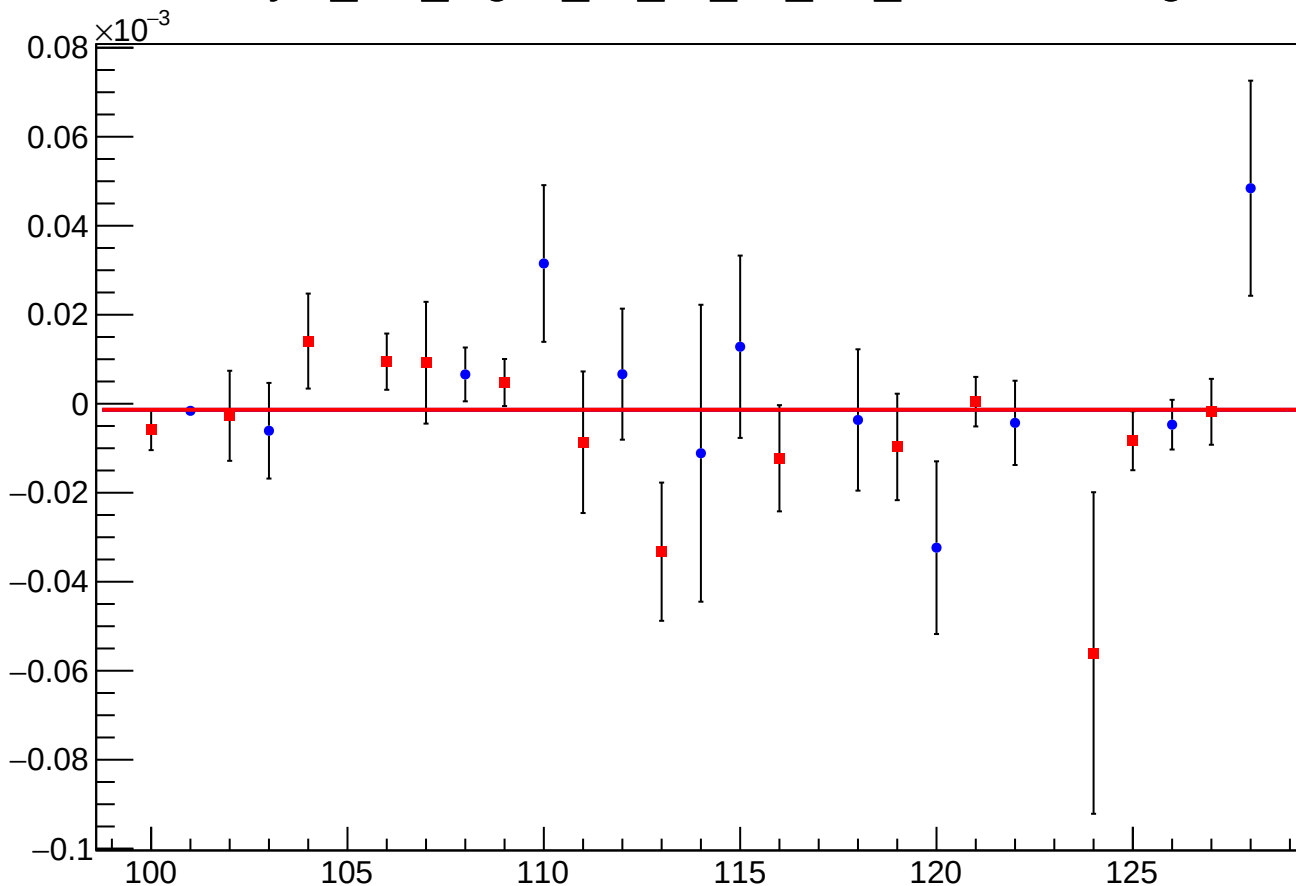
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.254+/-0.024 χ^2/NDF : 344515.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 13.6/11

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

Right Out: -0.000+/-0.000 χ^2/NDF : 17.2/13

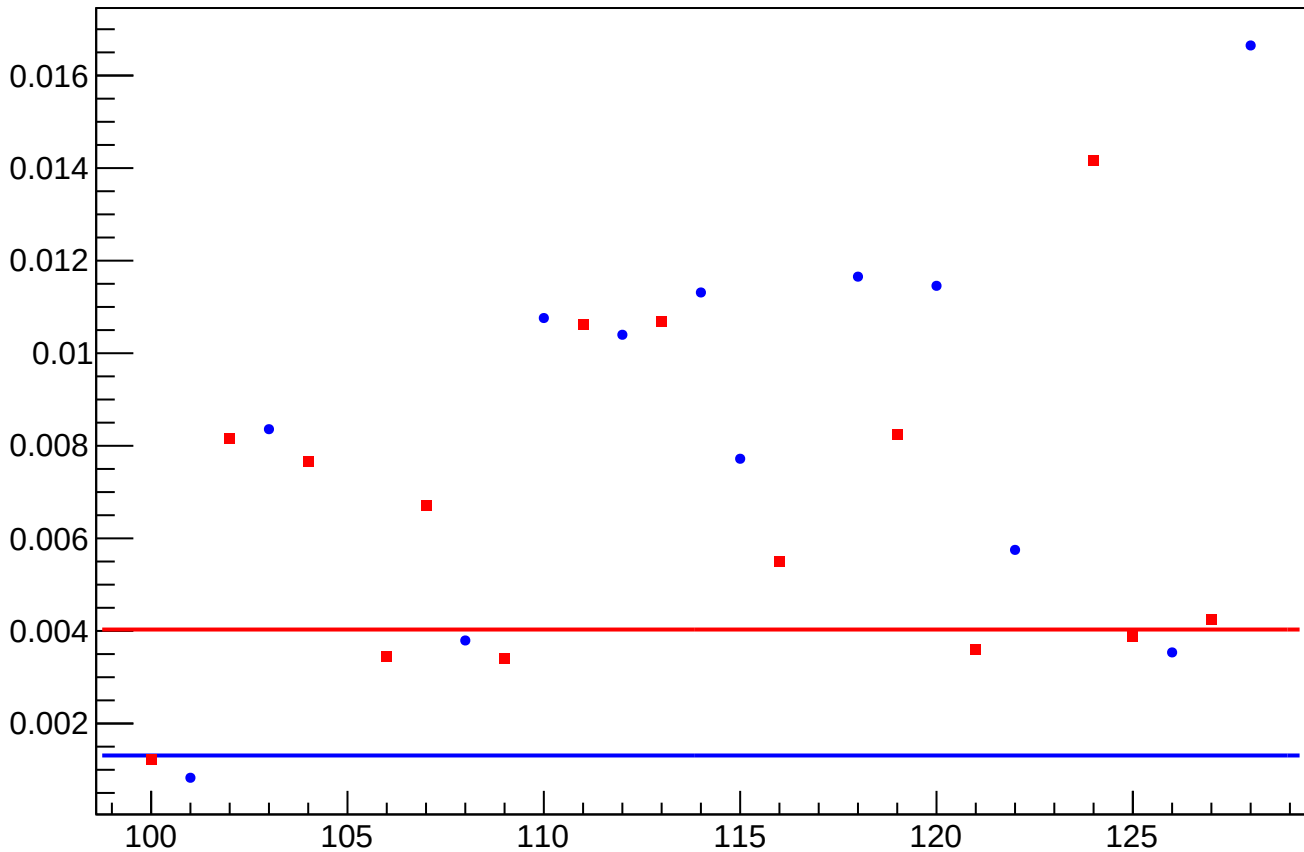
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 6296388.3/11

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

Right Out: 0.004+/-0.000 χ^2/NDF : 2616269.6/13

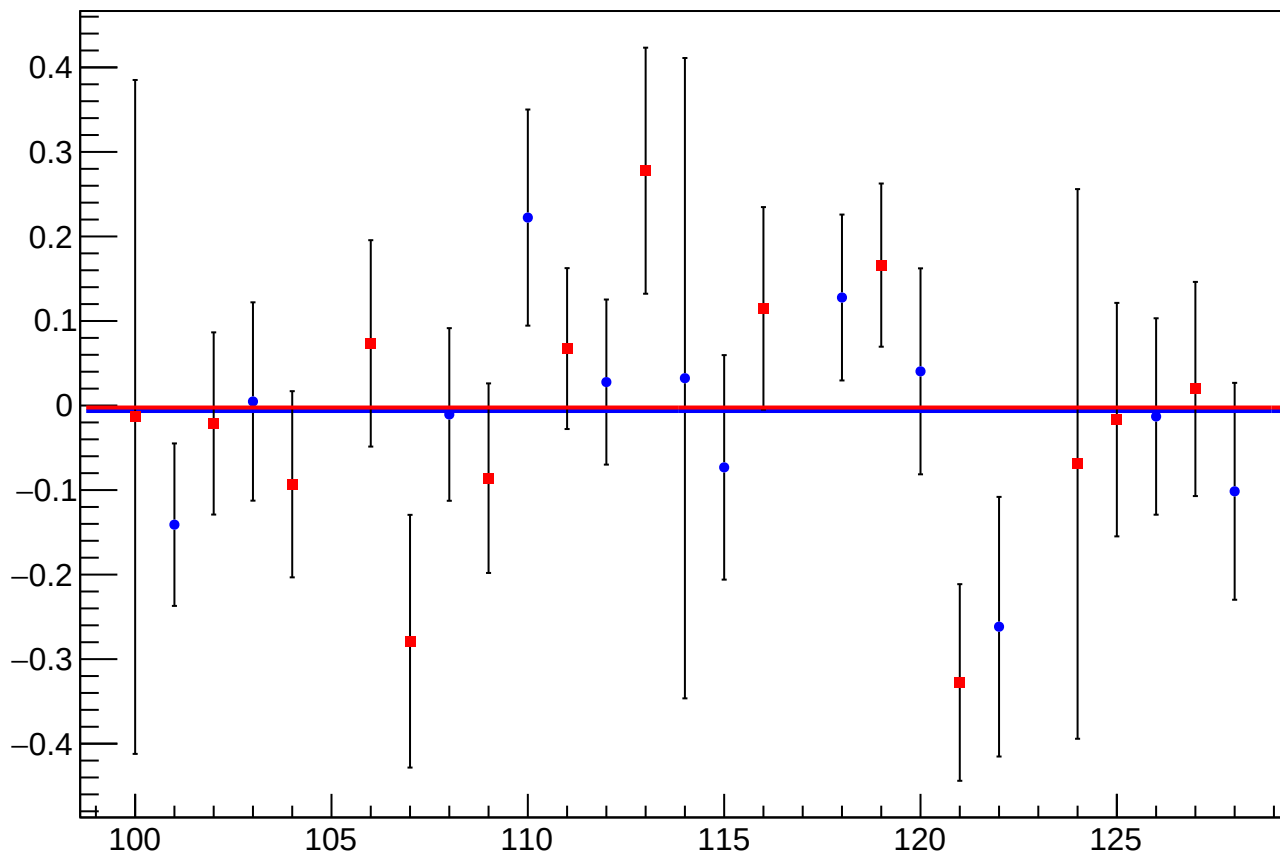
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 11685339.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.006 $\pm$ 0.034 χ^2 /NDF: 10.9/11

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

Right Out: -0.002 $\pm$ 0.033 χ^2 /NDF: 21.2/13

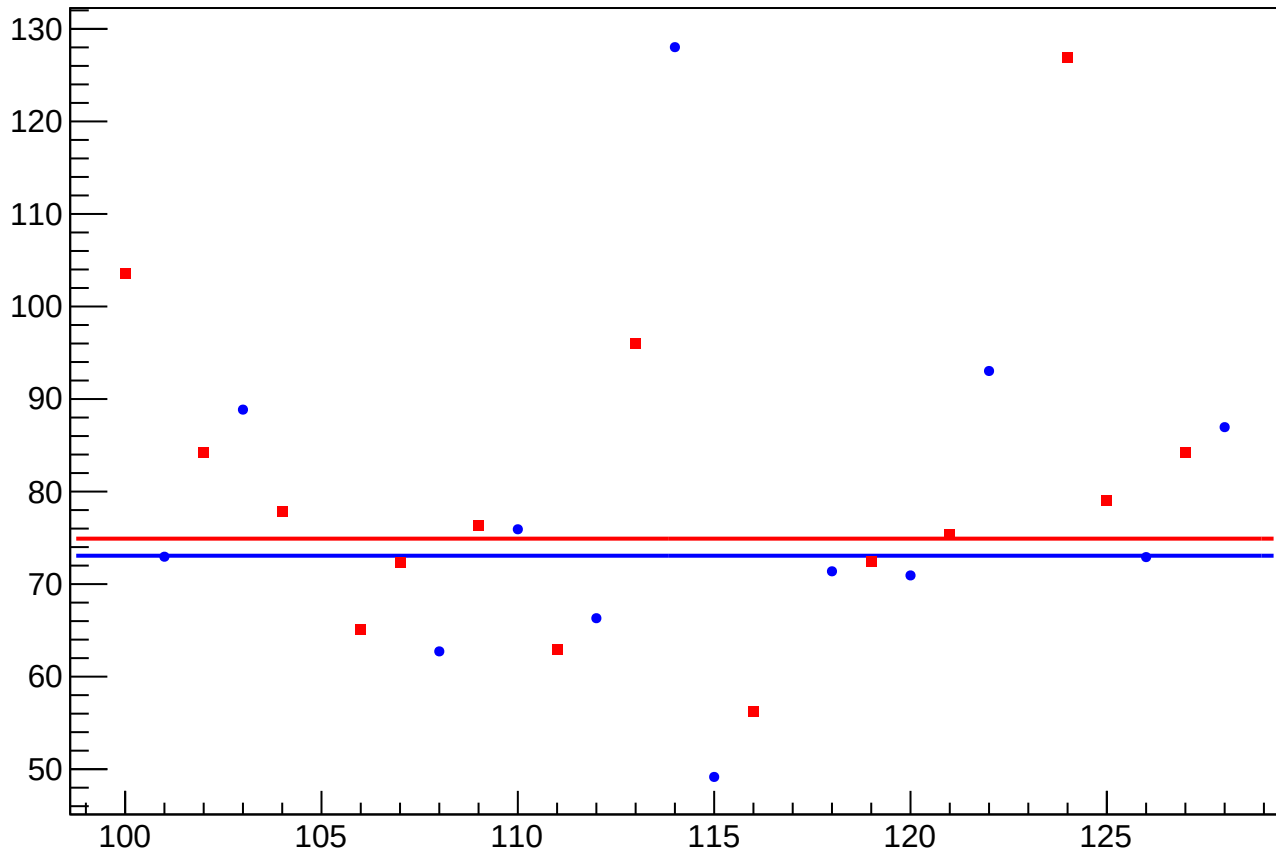
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.004 $\pm$ 0.024 χ^2 /NDF: 32.1/25

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

asym_usr_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 73.067 $\pm$ 0.024 χ^2 /NDF: 232679.4/11

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

Right Out: 74.913 $\pm$ 0.024 χ^2 /NDF: 228065.3/13

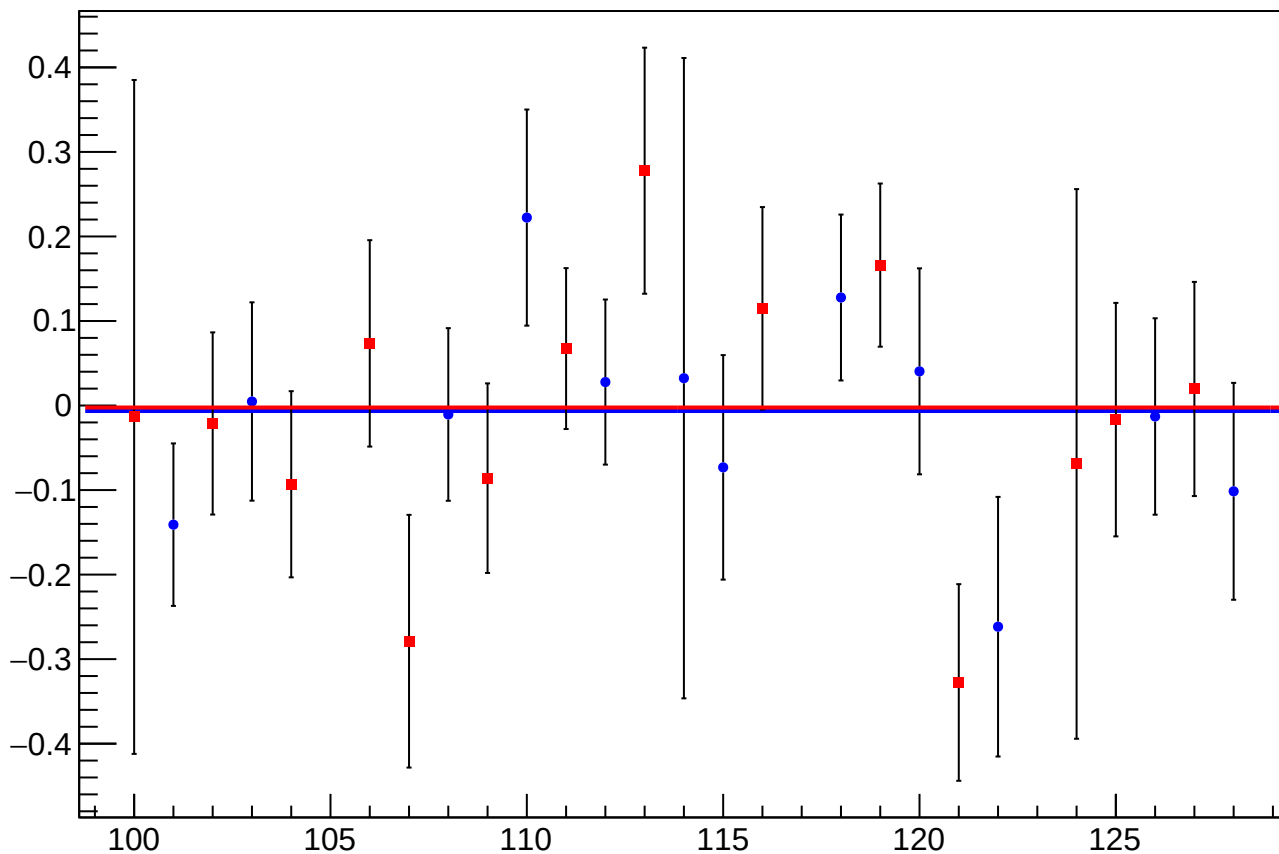
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 74.013 $\pm$ 0.017 χ^2 /NDF: 463728.9/25

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

asym_usr_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.006 $\pm$ 0.034 χ^2 /NDF: 10.9/11

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

Right Out: -0.002 $\pm$ 0.033 χ^2 /NDF: 21.2/13

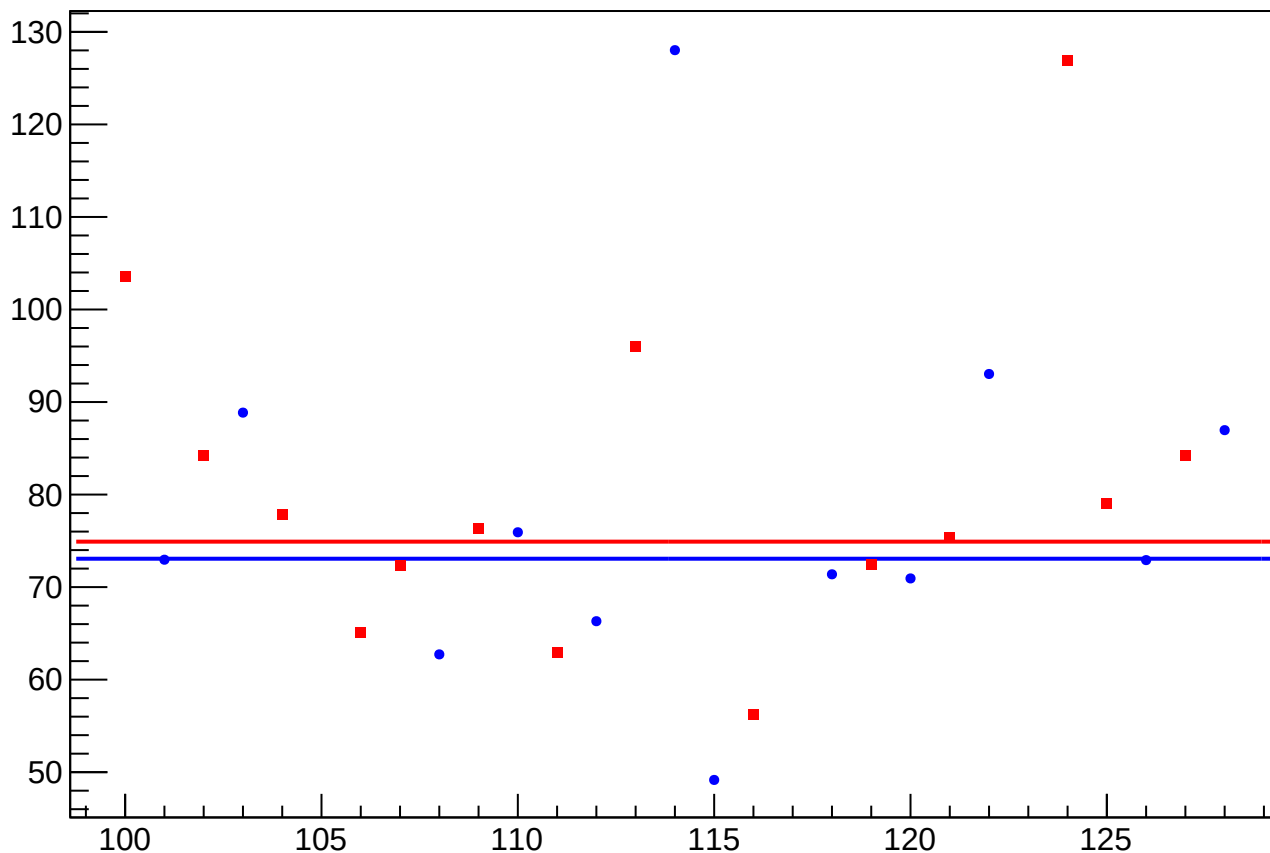
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.004 $\pm$ 0.024 χ^2 /NDF: 32.1/25

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

asym_usr_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 73.067+/-0.024 χ^2/NDF : 232679.4/11

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

Right Out: 74.913+/-0.024 χ^2/NDF : 228065.3/13

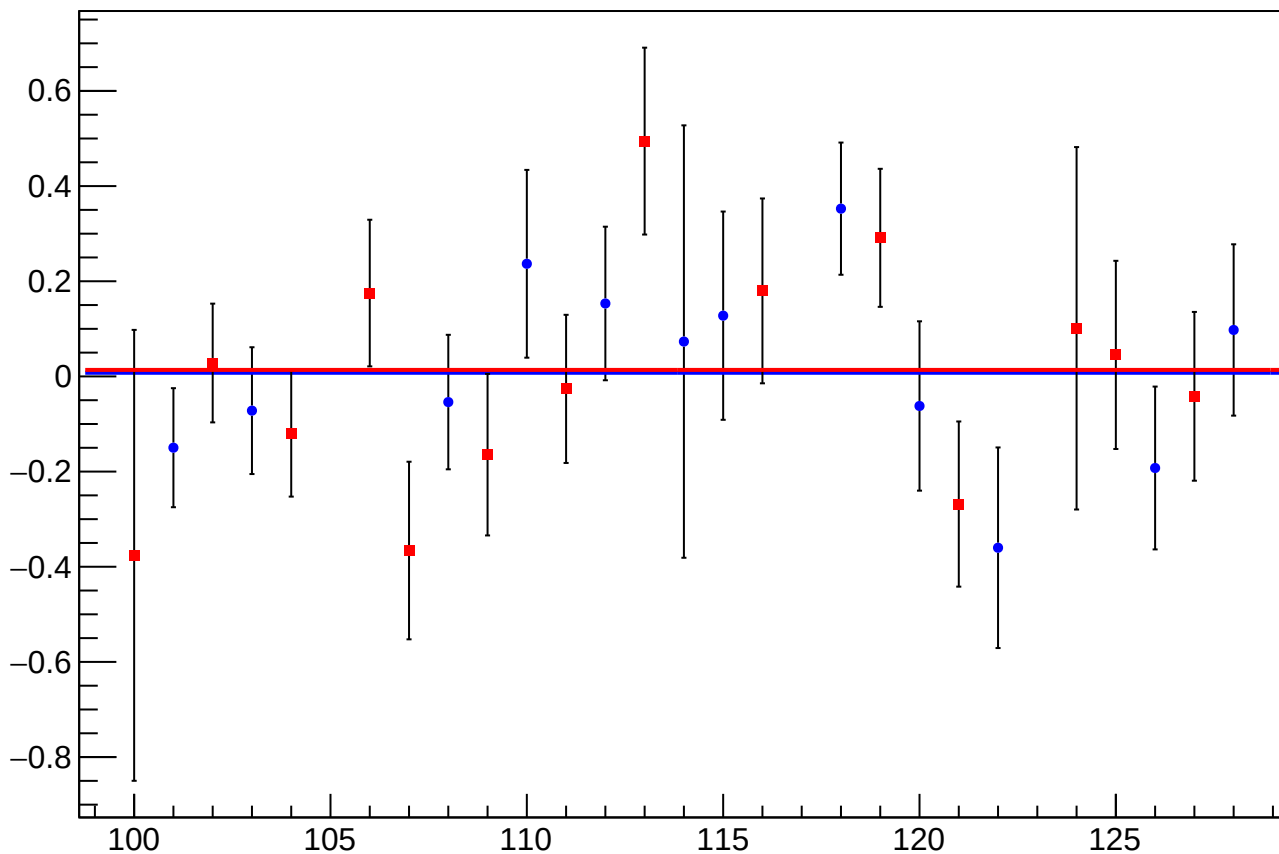
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.013+/-0.017 χ^2/NDF : 463728.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_dit_vs_overload_cor_diff_mean vs Slug



Right In: 0.008 $\pm$ 0.048 χ^2 /NDF: 15.6/11

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

Right Out: 0.014 $\pm$ 0.046 χ^2 /NDF: 21.3/13

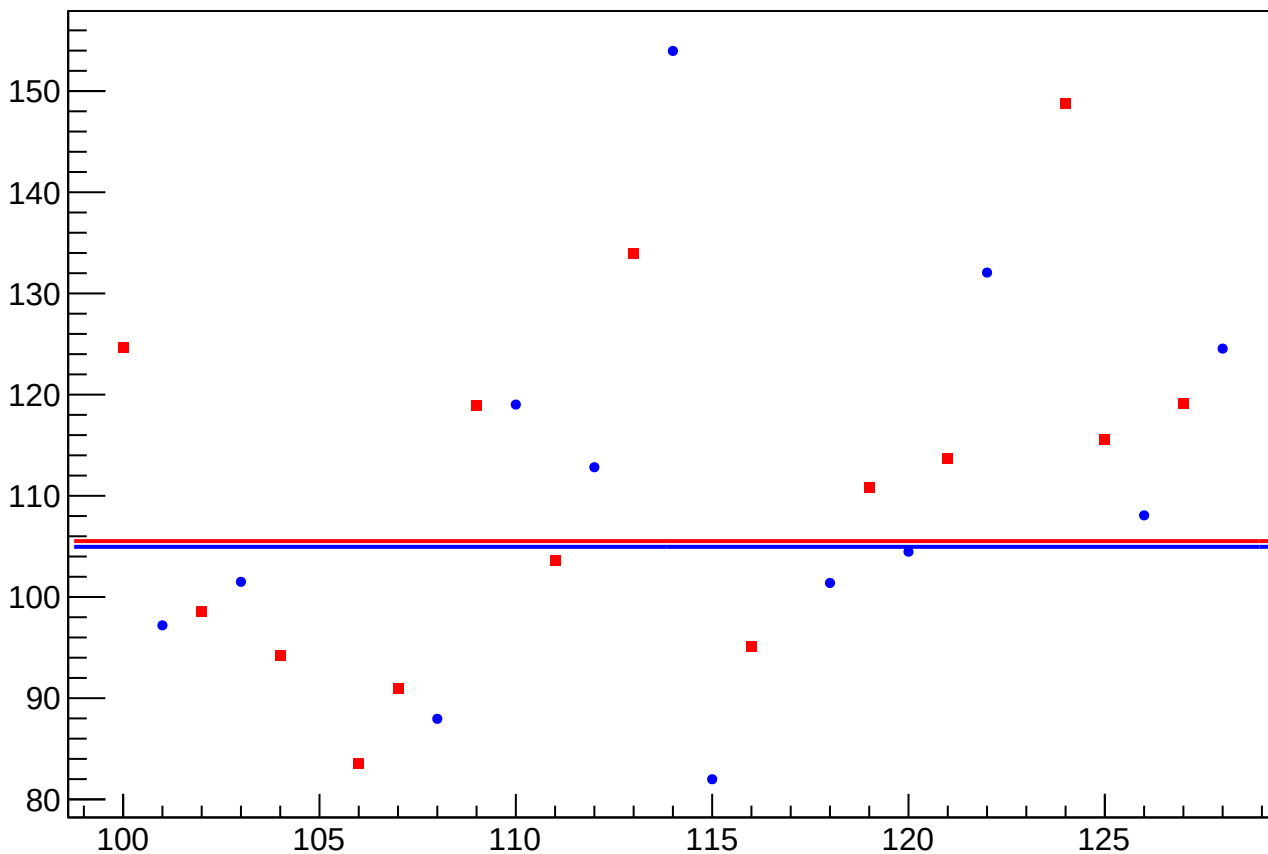
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.011 $\pm$ 0.033 χ^2 /NDF: 36.9/25

- 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: 104.958+/-0.034 χ^2/NDF : 156912.7/11

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

Right Out: 105.524+/-0.033 χ^2/NDF : 187417.8/13

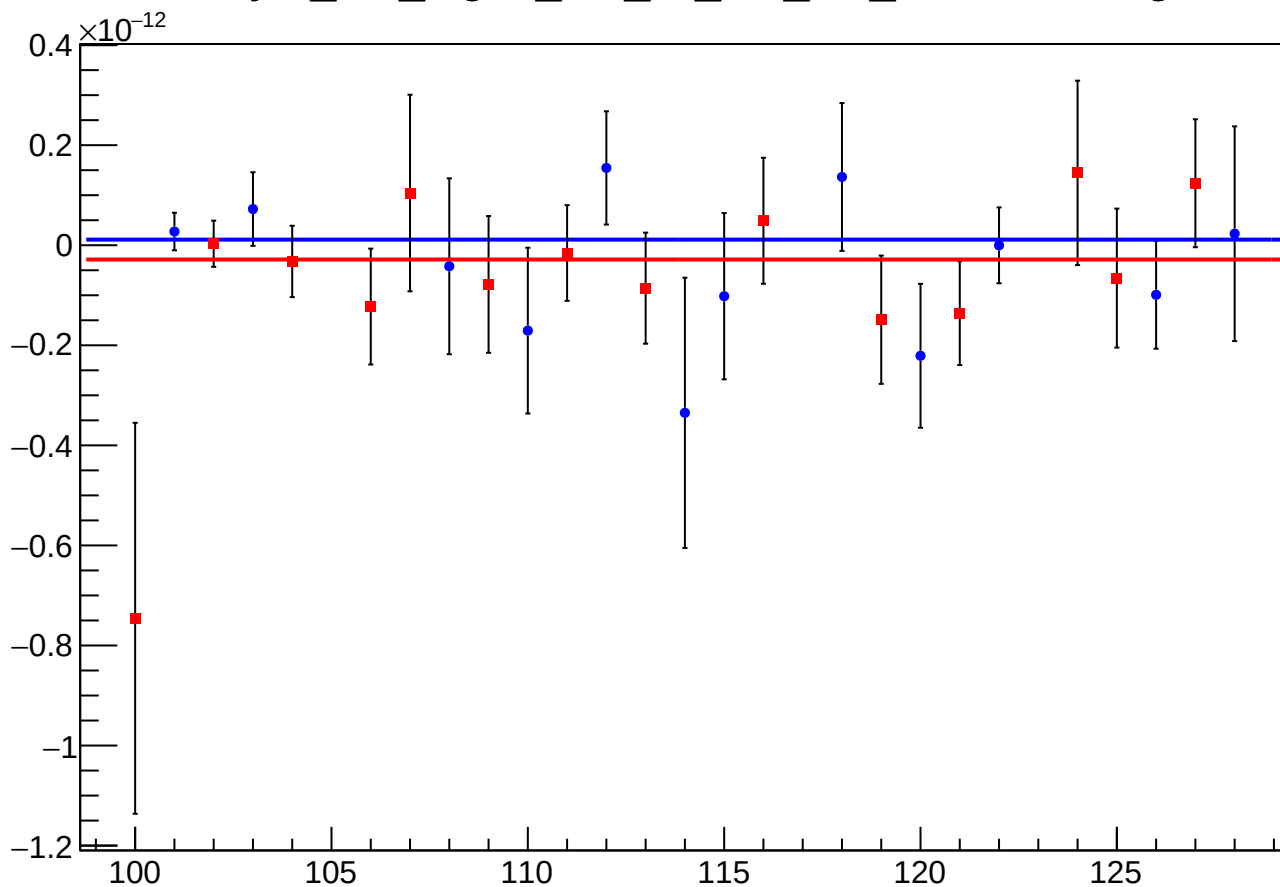
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.253+/-0.024 χ^2/NDF : 344474.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 10.3/11

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

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 10.1/13

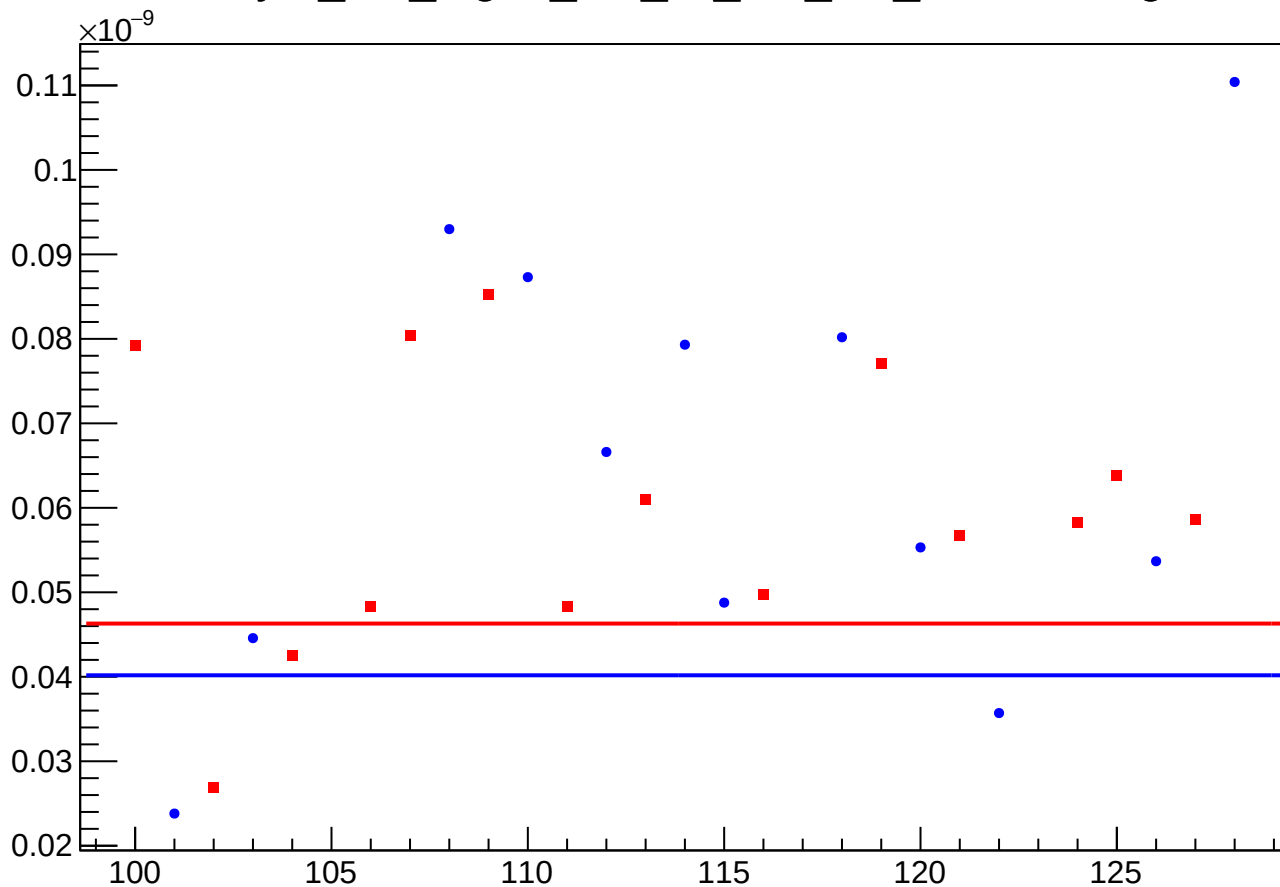
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2/NDF : 21.5/25

- 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 : 1308017.2/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 825999.6/13

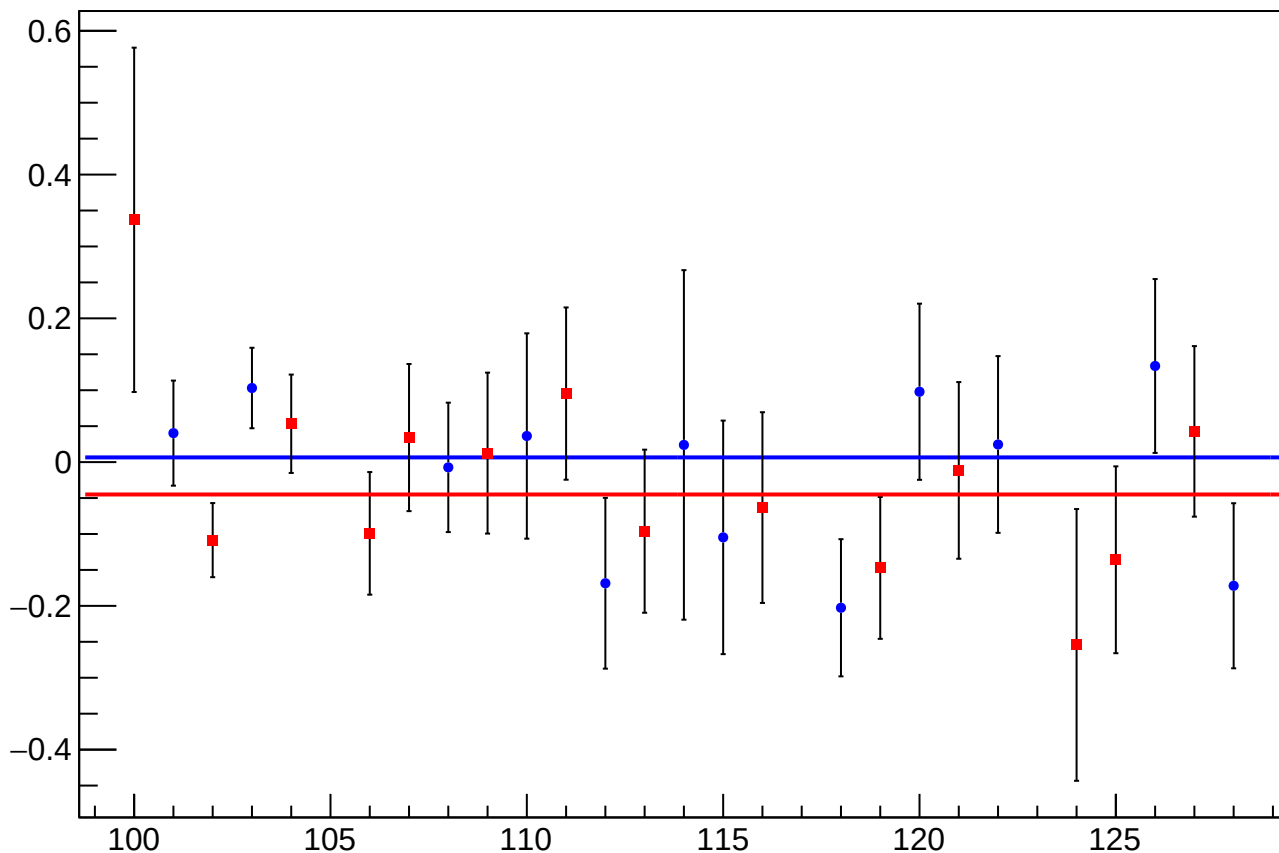
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2187252.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_overload_cor_vs_cor_diff_mean vs Slug



Right In: 0.007 $\pm$ 0.029 χ^2 /NDF: 14.8/11

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

Right Out: -0.045 $\pm$ 0.026 χ^2 /NDF: 12.4/13

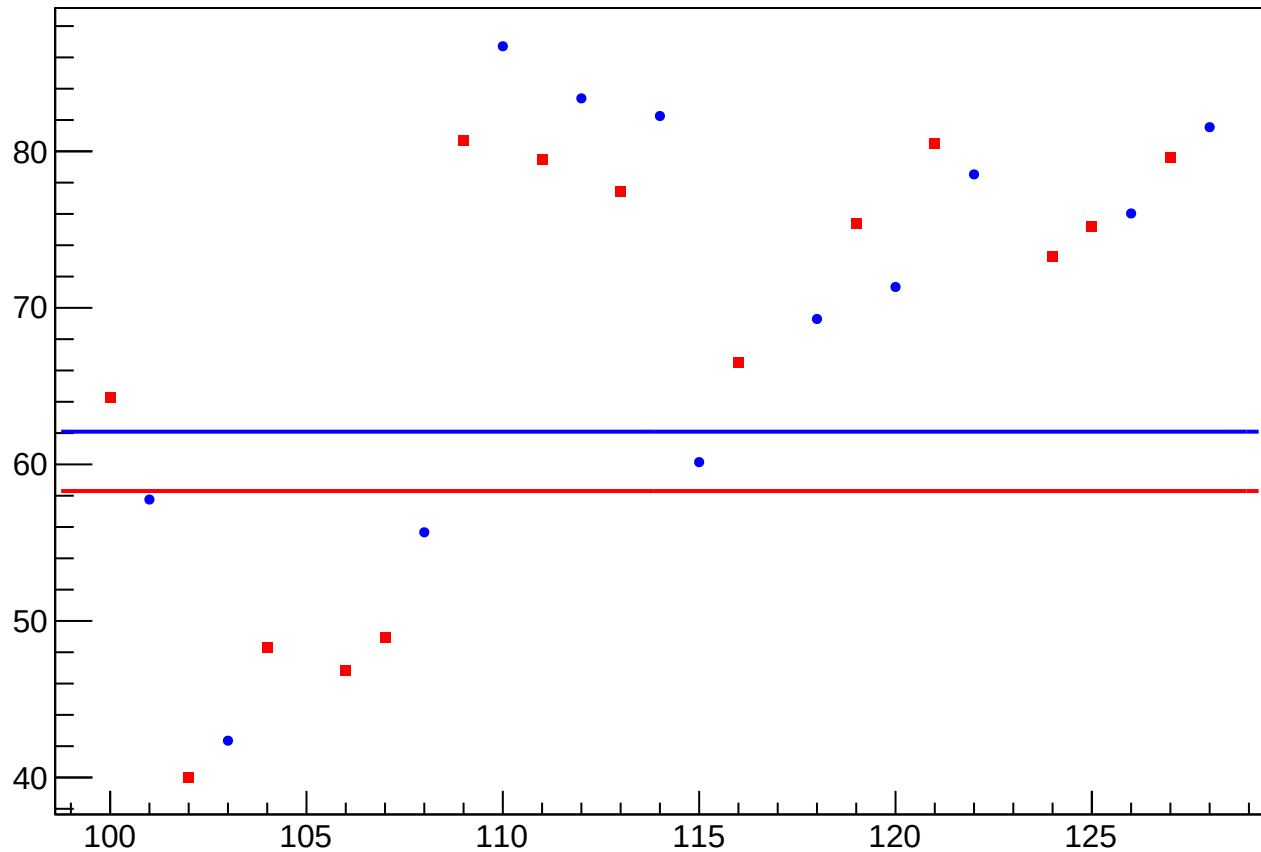
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.022 $\pm$ 0.019 χ^2 /NDF: 28.9/25

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

asym_usr_overload_cor_vs_cor_diff_rms vs Slug



Right In: 62.091+/-0.020 χ^2/NDF : 546126.6/11

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

Right Out: 58.301+/-0.019 χ^2/NDF : 791484.2/13

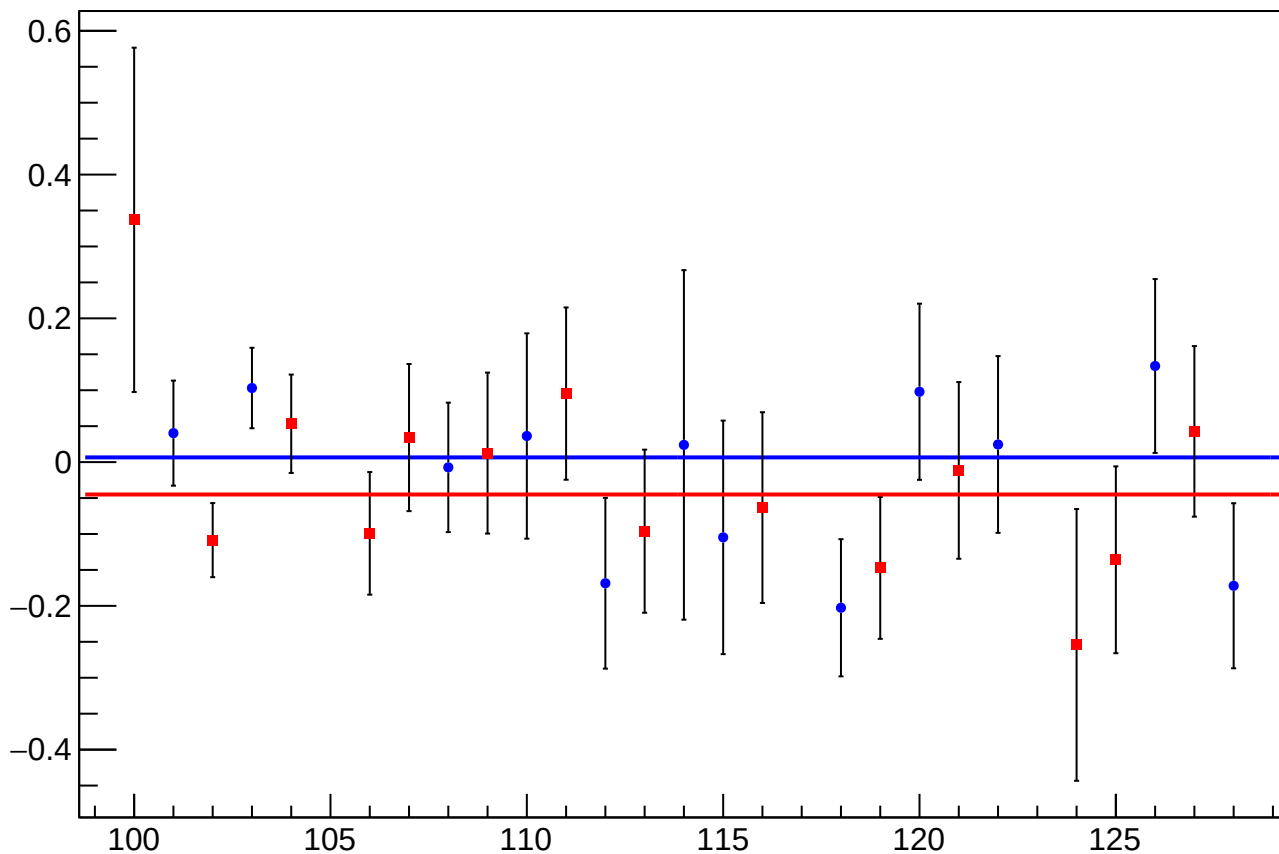
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.009+/-0.014 χ^2/NDF : 1356415.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_overload_cor_vs_eigen_cor_diff_mean vs Slug



Right In: 0.007 $\pm$ 0.029 χ^2 /NDF: 14.8/11

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

Right Out: -0.045 $\pm$ 0.026 χ^2 /NDF: 12.4/13

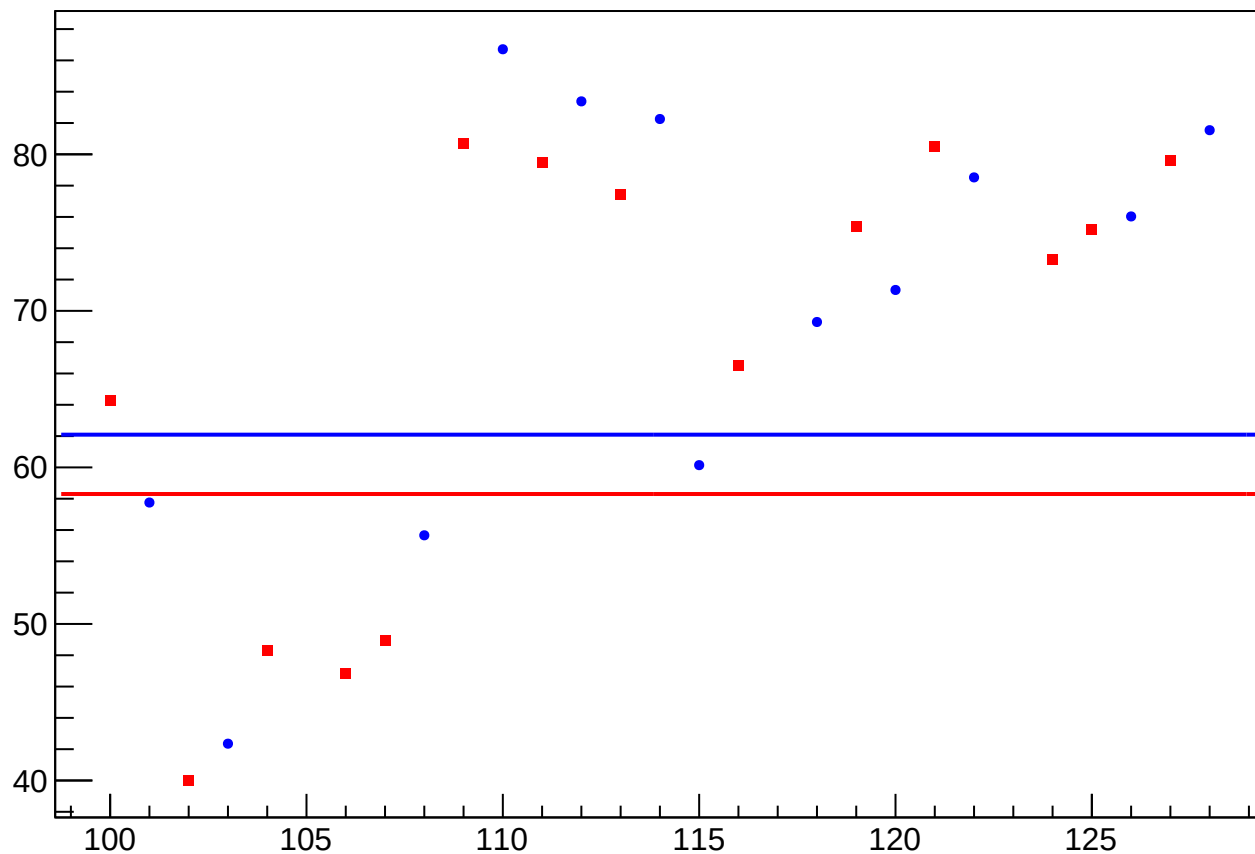
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.022 $\pm$ 0.019 χ^2 /NDF: 28.9/25

- 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: 62.091+/-0.020 χ^2 /NDF: 546126.6/11

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

Right Out: 58.301+/-0.019 χ^2 /NDF: 791484.2/13

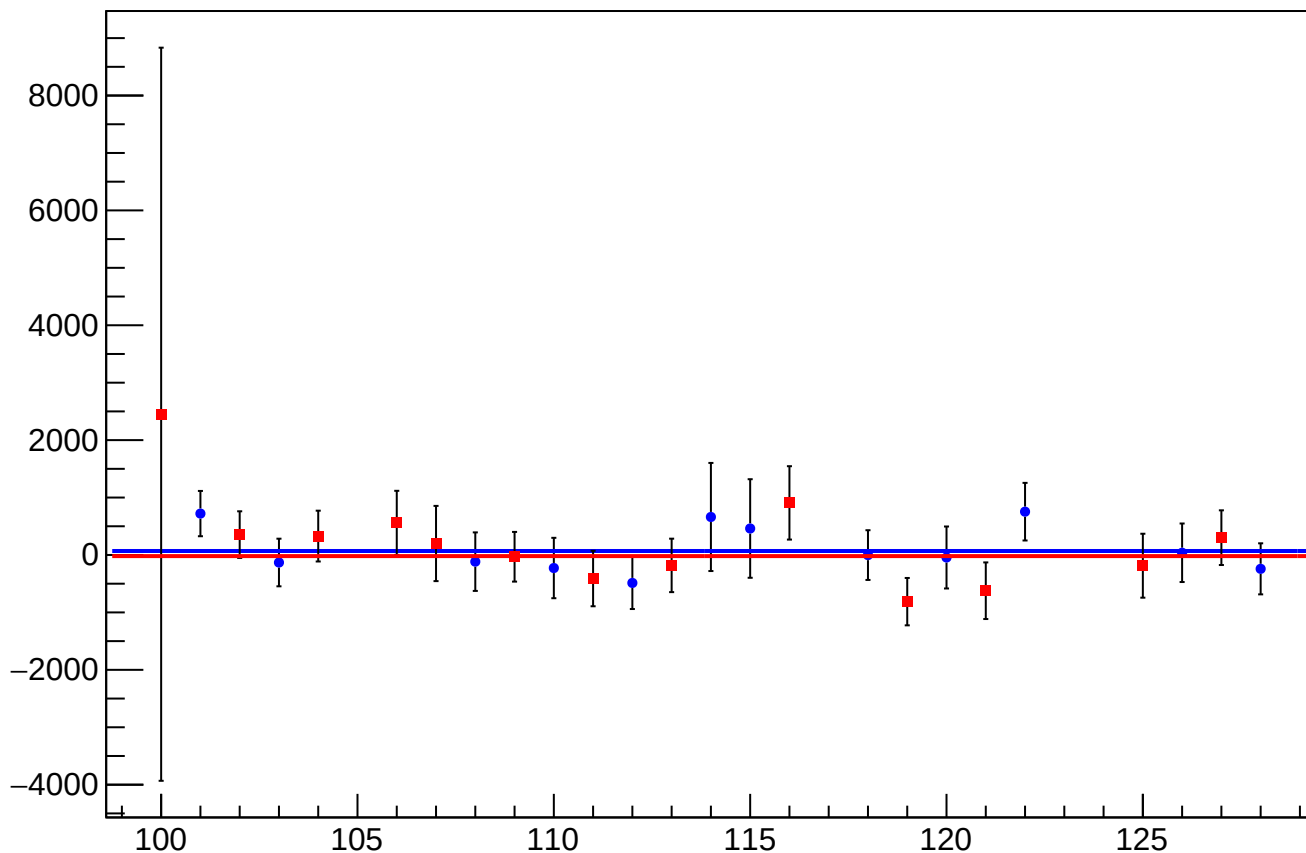
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 60.009+/-0.014 χ^2 /NDF: 1356415.2/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_dsl_mean vs Slug



Right In: 69.349+/-143.275 χ^2/NDF : 7.9/11

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

Right Out: -19.560+/-139.914 χ^2/NDF : 11.4/12

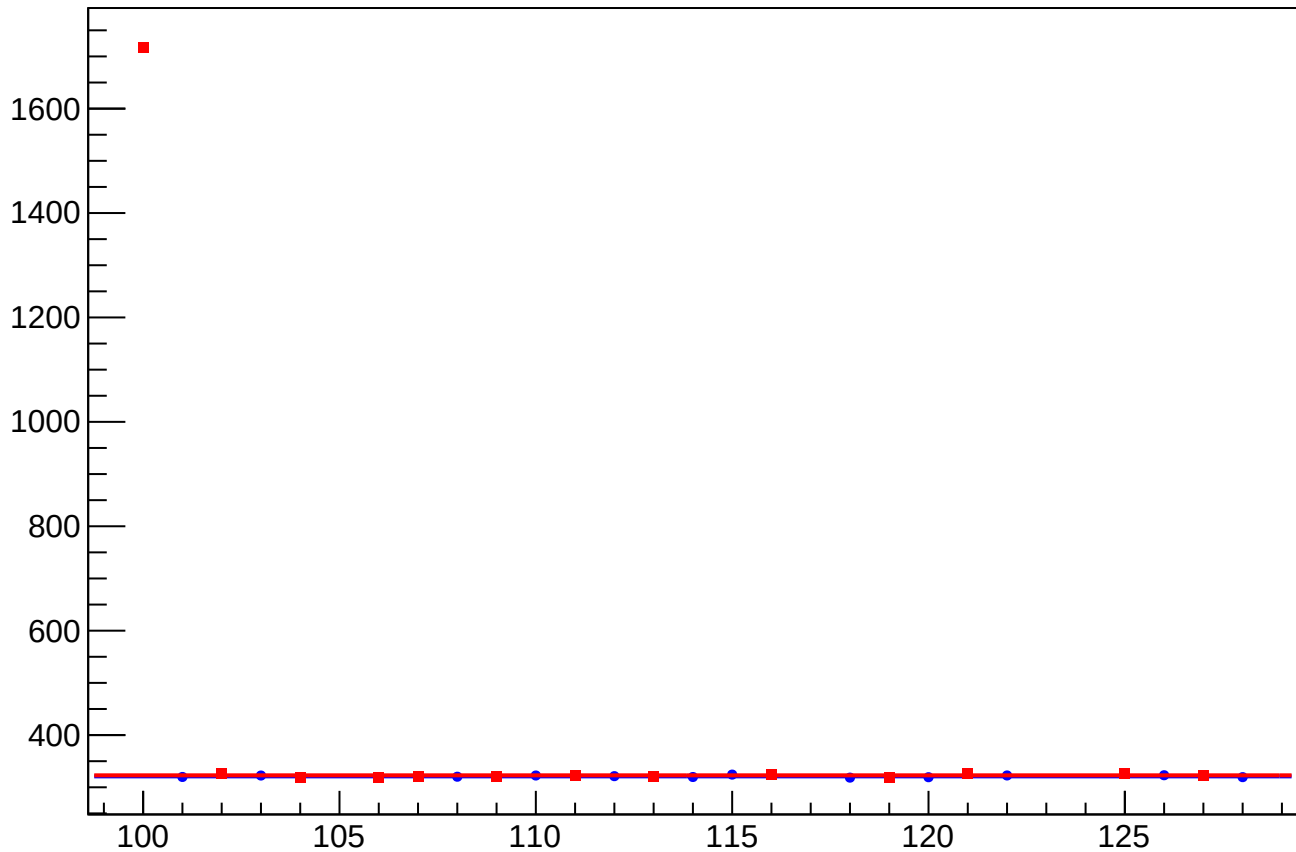
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.839+/-100.101 χ^2/NDF : 19.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_dsl_rms vs Slug



Right In: 320.921+/-0.101 χ^2/NDF : 267.6/11

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

Right Out: 322.930+/-0.099 χ^2/NDF : 96608.4/12

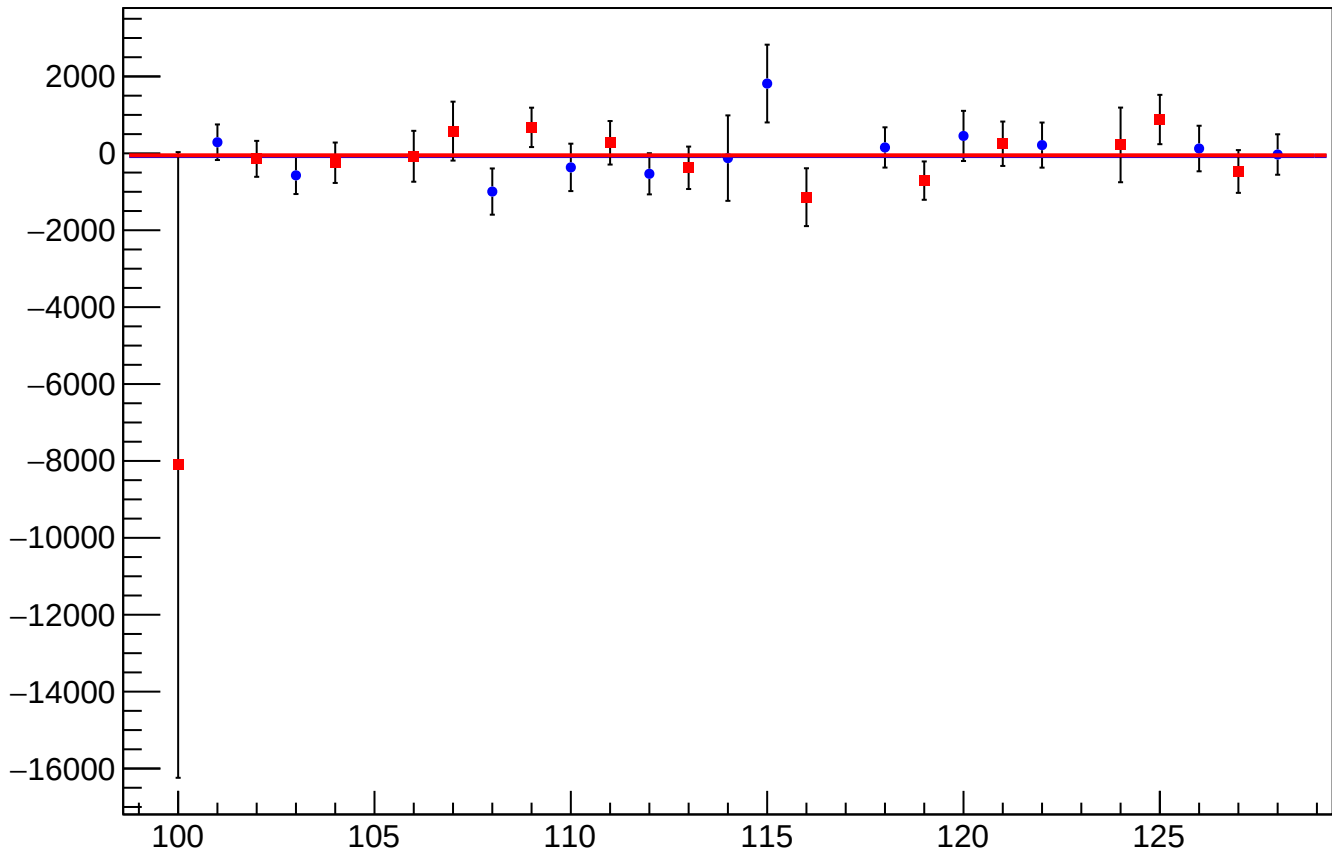
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 321.949+/-0.071 χ^2/NDF : 97077.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_dsr_mean vs Slug



Right In: -70.787 $\pm$ 169.166 χ^2 /NDF: 9.7/11

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

Right Out: -50.930 $\pm$ 162.369 χ^2 /NDF: 11.4/13

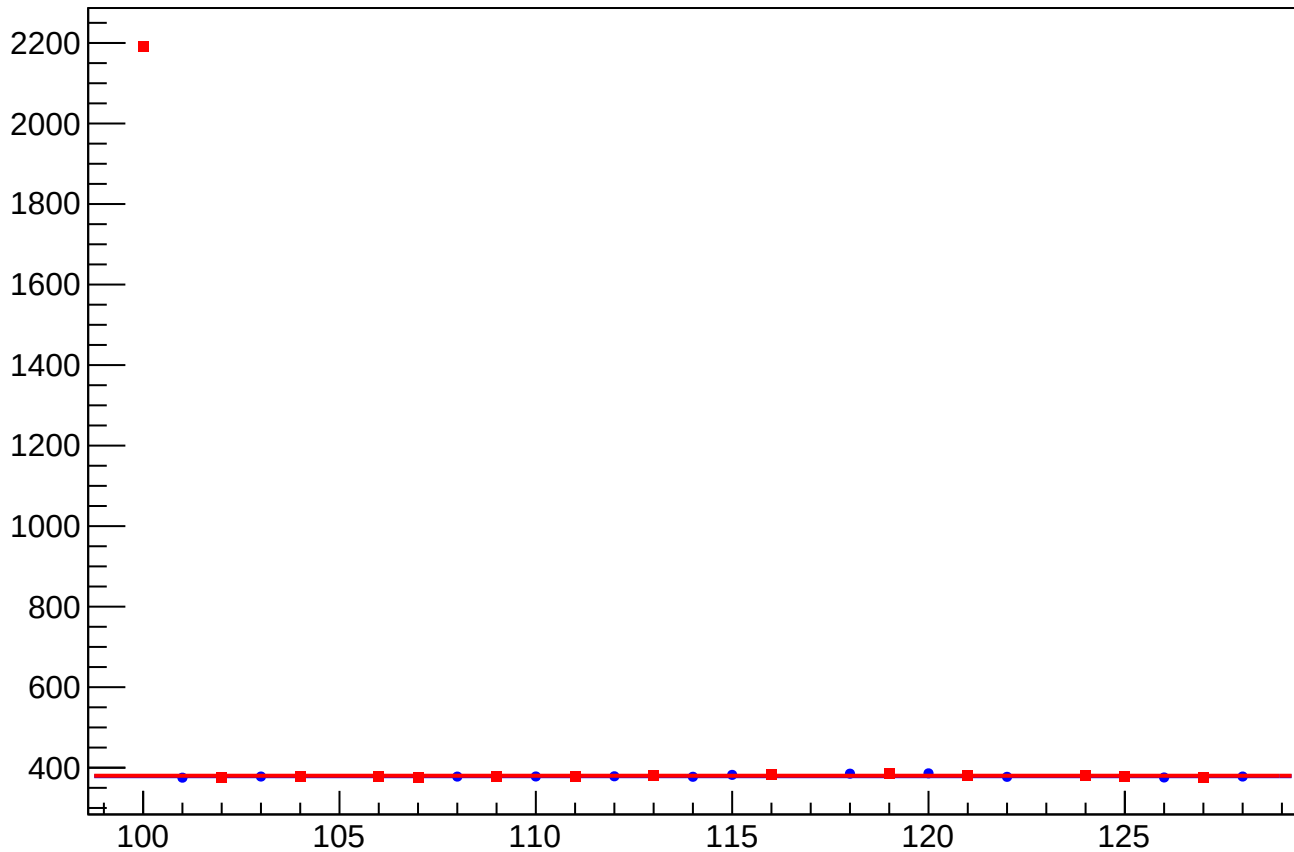
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -60.452 $\pm$ 117.141 χ^2 /NDF: 21.1/25

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

asym_dsr_rms vs Slug



Right In: 378.881+/-0.120 χ^2/NDF : 762.8/11

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

Right Out: 380.069+/-0.115 χ^2/NDF : 99528.4/13

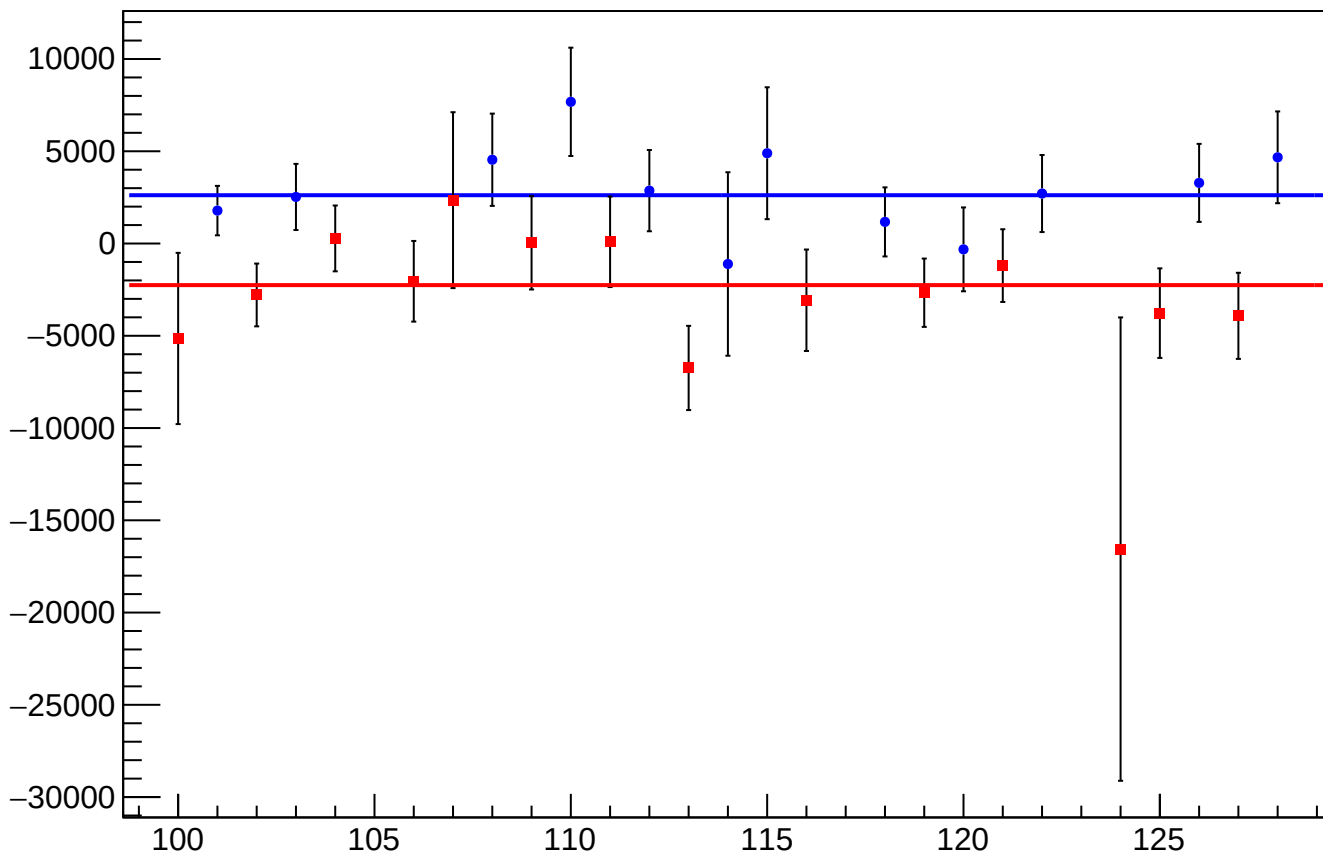
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.500+/-0.083 χ^2/NDF : 100342.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_agg_avg_mean vs Slug



Right In: 2618.356+/-624.546 χ^2/NDF : 8.0/11

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

Right Out: -2254.599+/-630.495 χ^2/NDF : 11.7/13

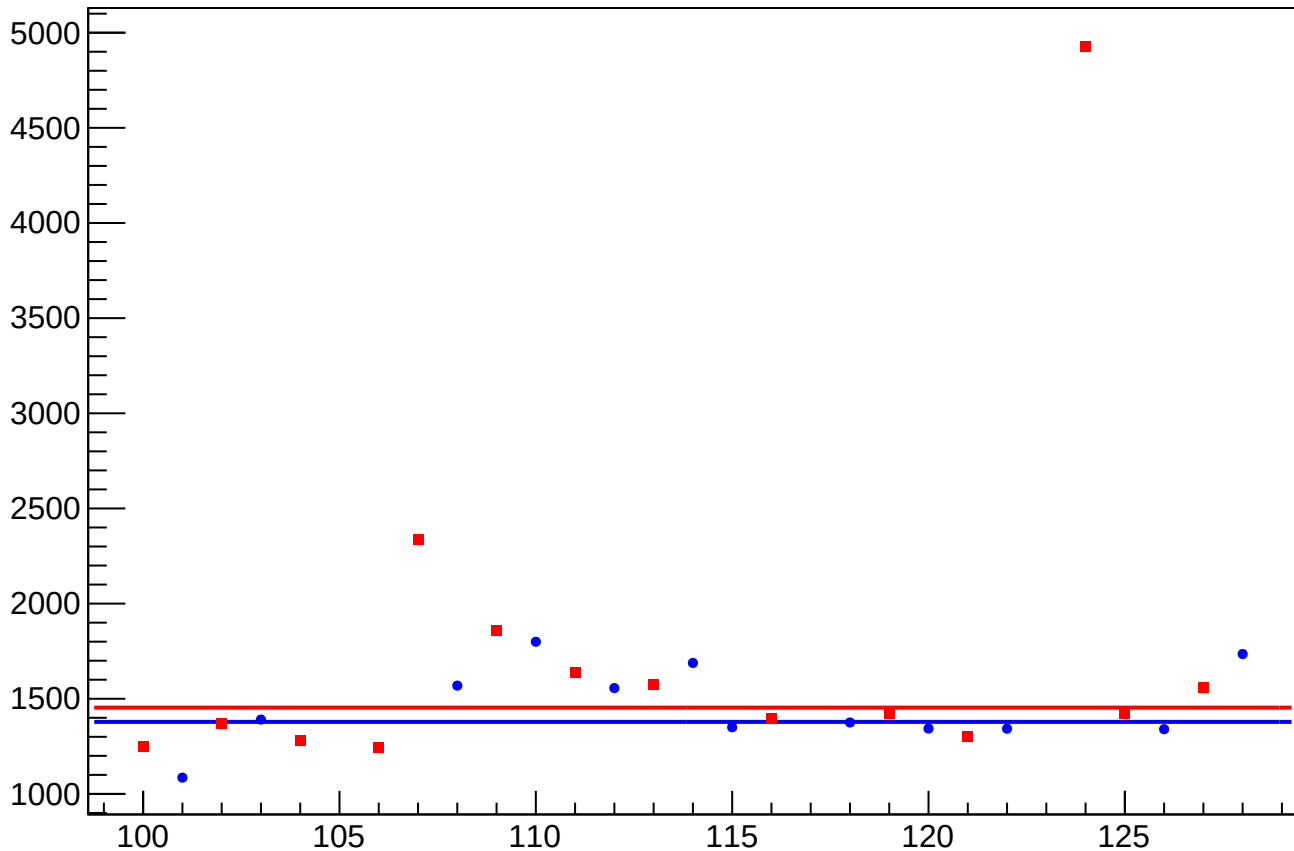
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.974+/-443.709 χ^2/NDF : 49.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_agg_avg_rms vs Slug



Right In: 1378.510+/-0.442 χ^2/NDF : 212244.1/11

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

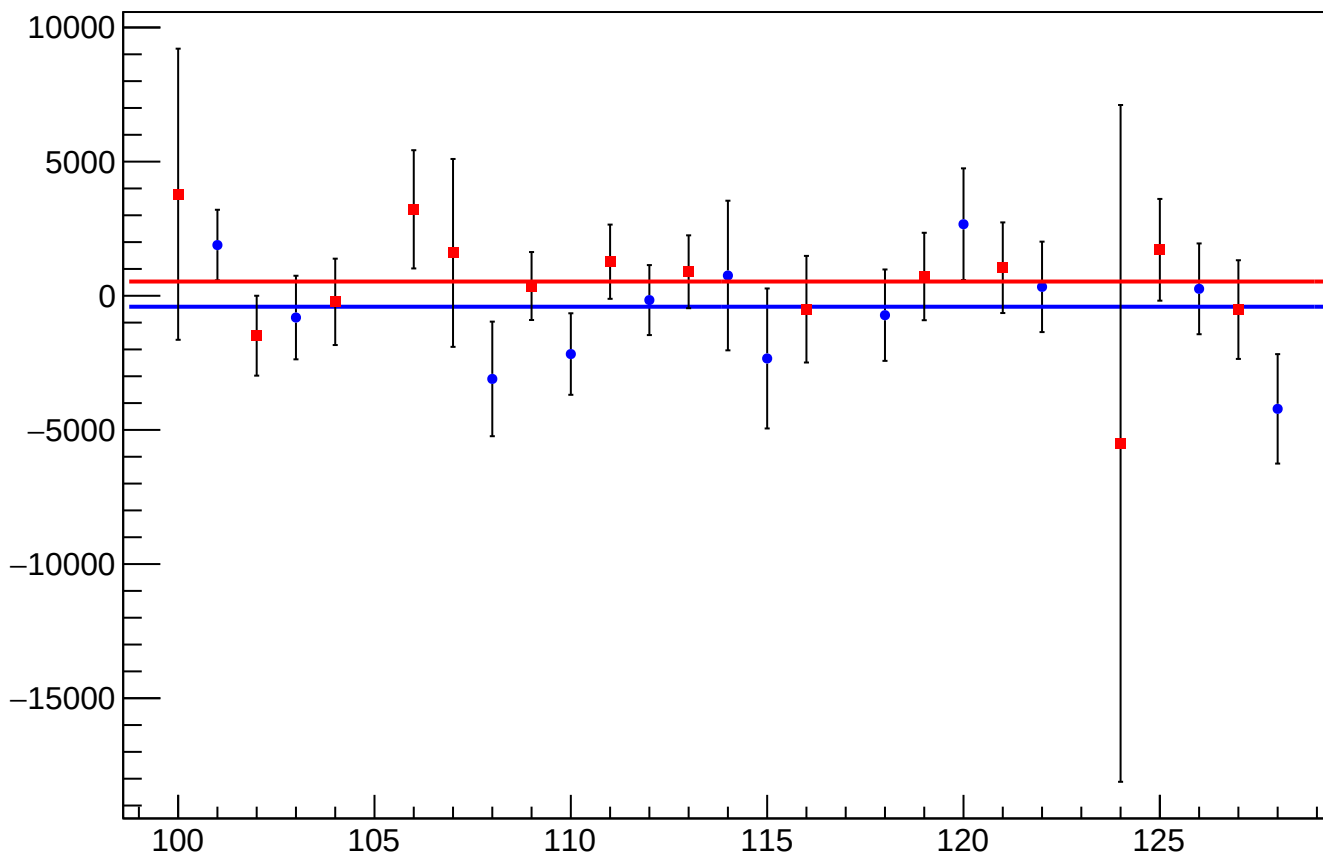
Right Out: 1453.546+/-0.446 χ^2/NDF : 353979.4/13

All: 1415.673+/-0.314 χ^2/NDF : 580521.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_us_agg_dd_mean vs Slug



Right In: -408.380+/-498.583 χ^2/NDF : 12.9/11

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

Right Out: 530.774+/-476.328 χ^2/NDF : 5.7/13

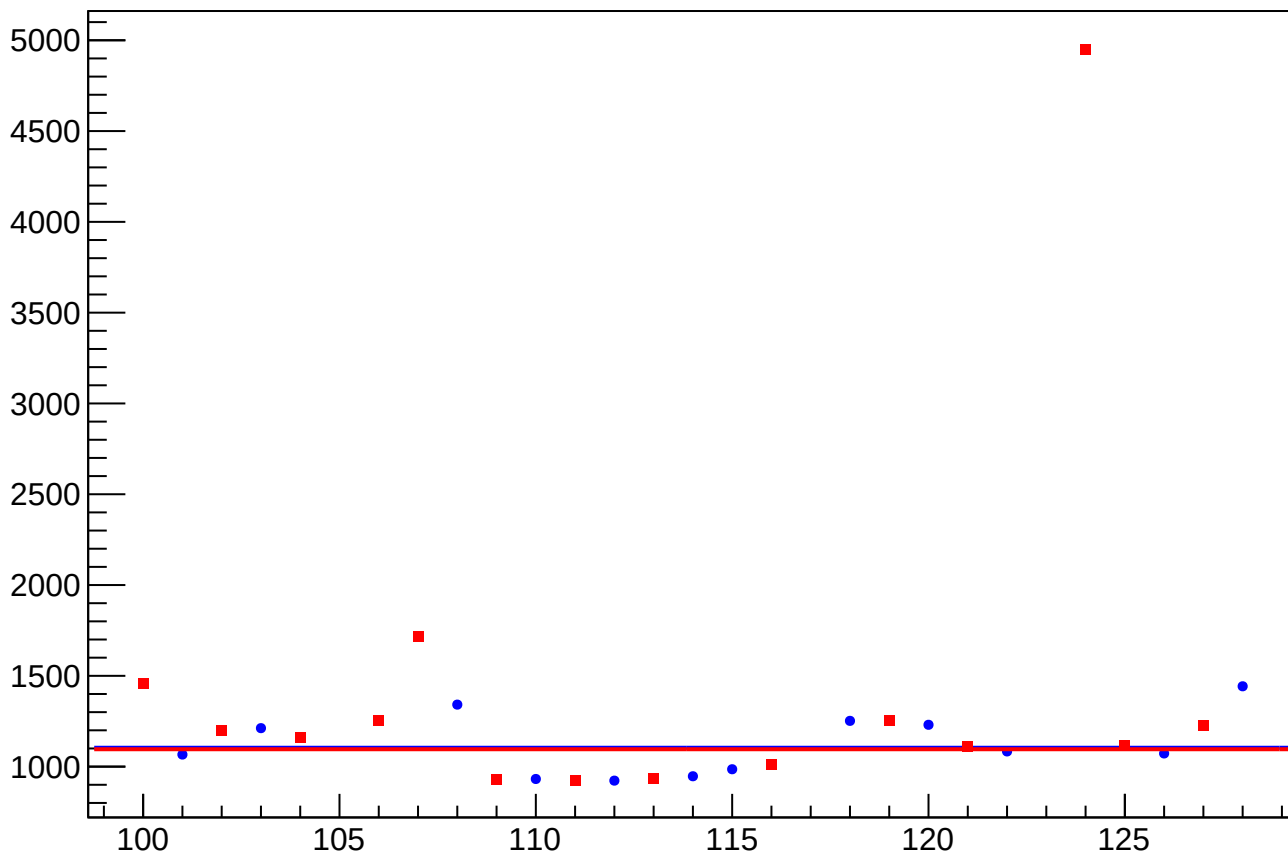
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.625+/-344.414 χ^2/NDF : 20.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_agg_dd_rms vs Slug



Right In: 1103.945 $\pm$ 0.353 χ^2 /NDF: 189145.3/11

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

Right Out: 1095.766 $\pm$ 0.337 χ^2 /NDF: 408731.2/13

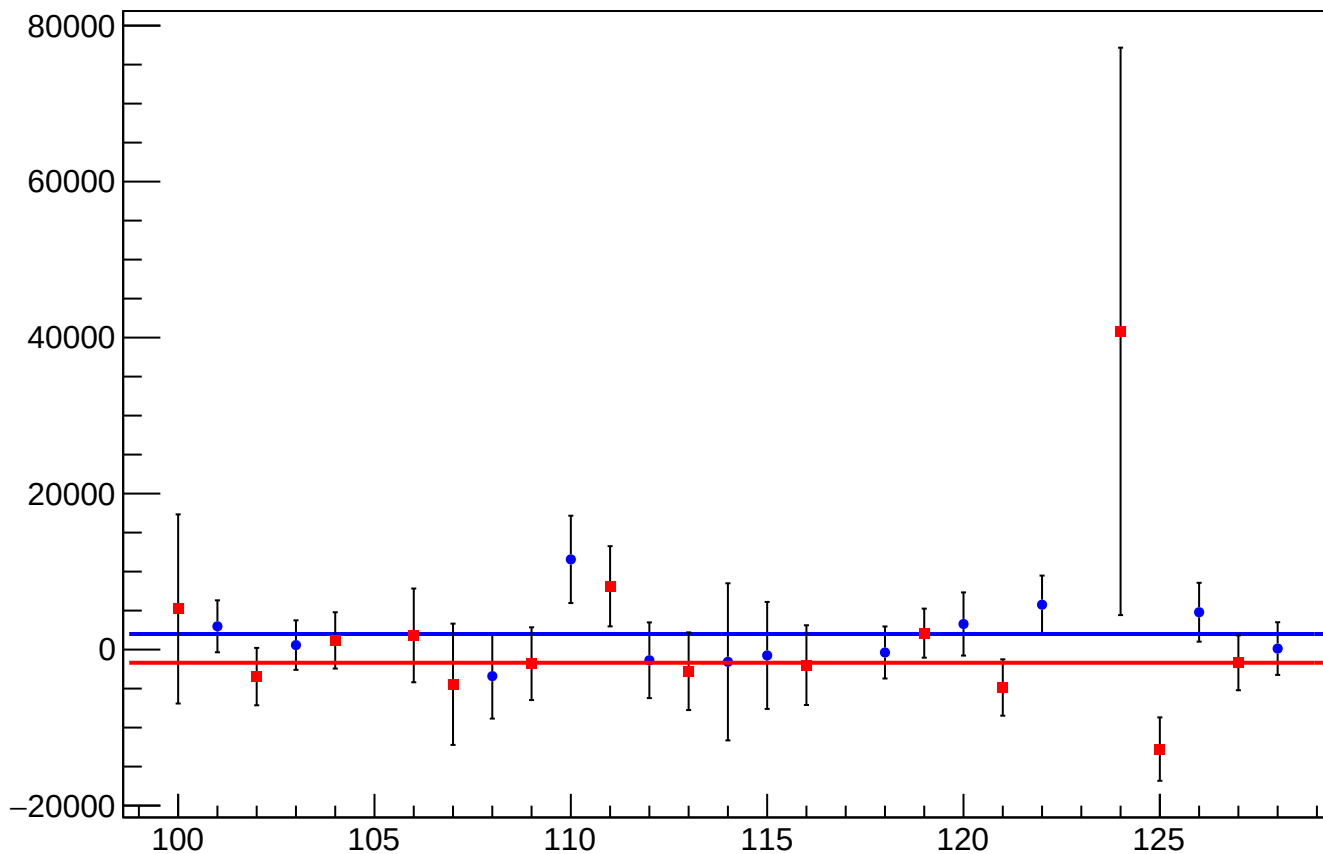
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1099.669 $\pm$ 0.244 χ^2 /NDF: 598157.9/25

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

reg_asym_atl1_mean vs Slug



Right In: 1999.261+/-1187.519 χ^2 /NDF: 7.4/11

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

Right Out: -1688.646+/-1209.090 χ^2 /NDF: 16.3/13

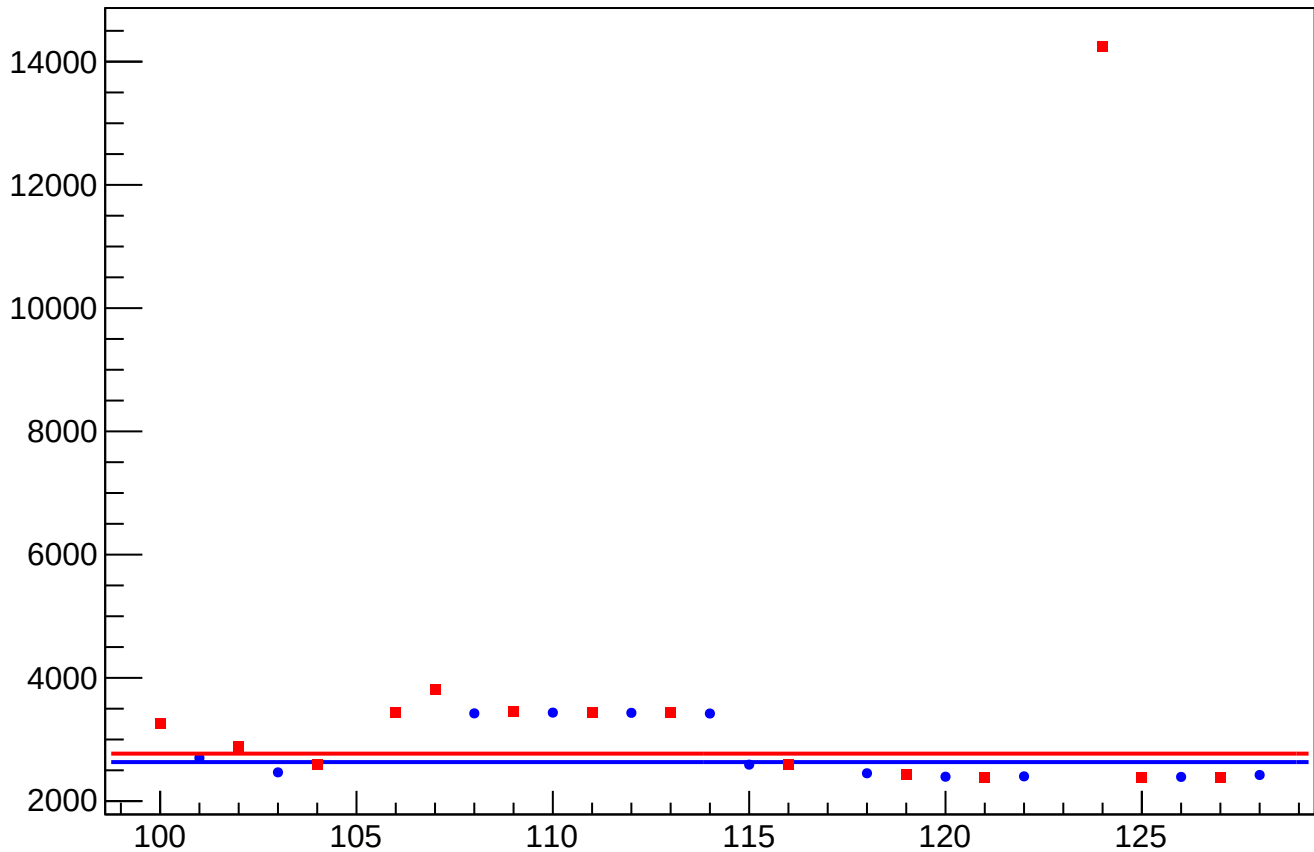
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 188.499+/-847.226 χ^2 /NDF: 28.5/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1_rms vs Slug



Right In: 2633.377+/-0.840 χ^2/NDF : 192437.7/11

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

Right Out: 2770.620+/-0.855 χ^2/NDF : 472802.7/13

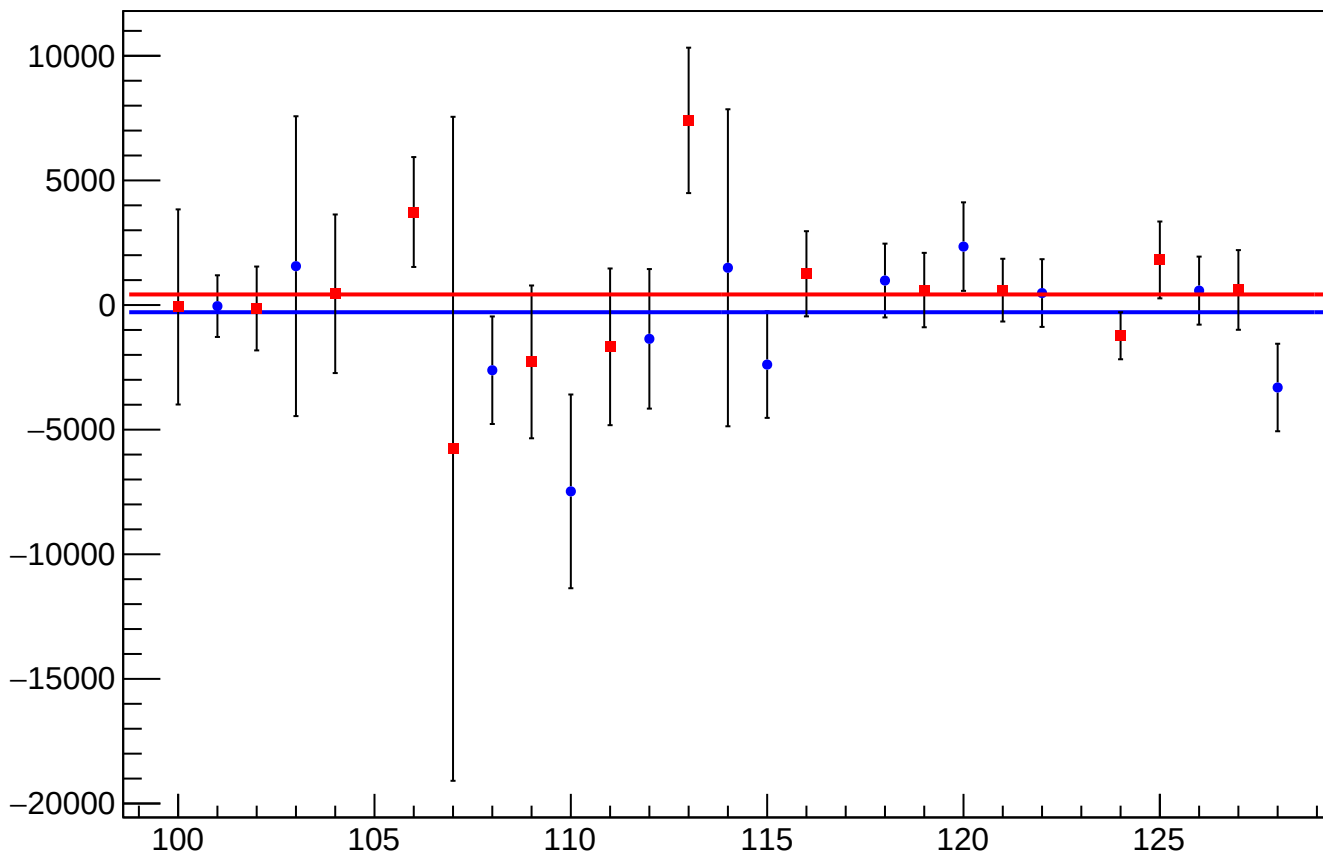
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2700.763+/-0.599 χ^2/NDF : 678356.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_reg_correction_mean vs Slug



Right In: -288.072+/-533.831 χ^2/NDF : 12.5/11

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

Right Out: 424.976+/-476.111 χ^2/NDF : 13.7/13

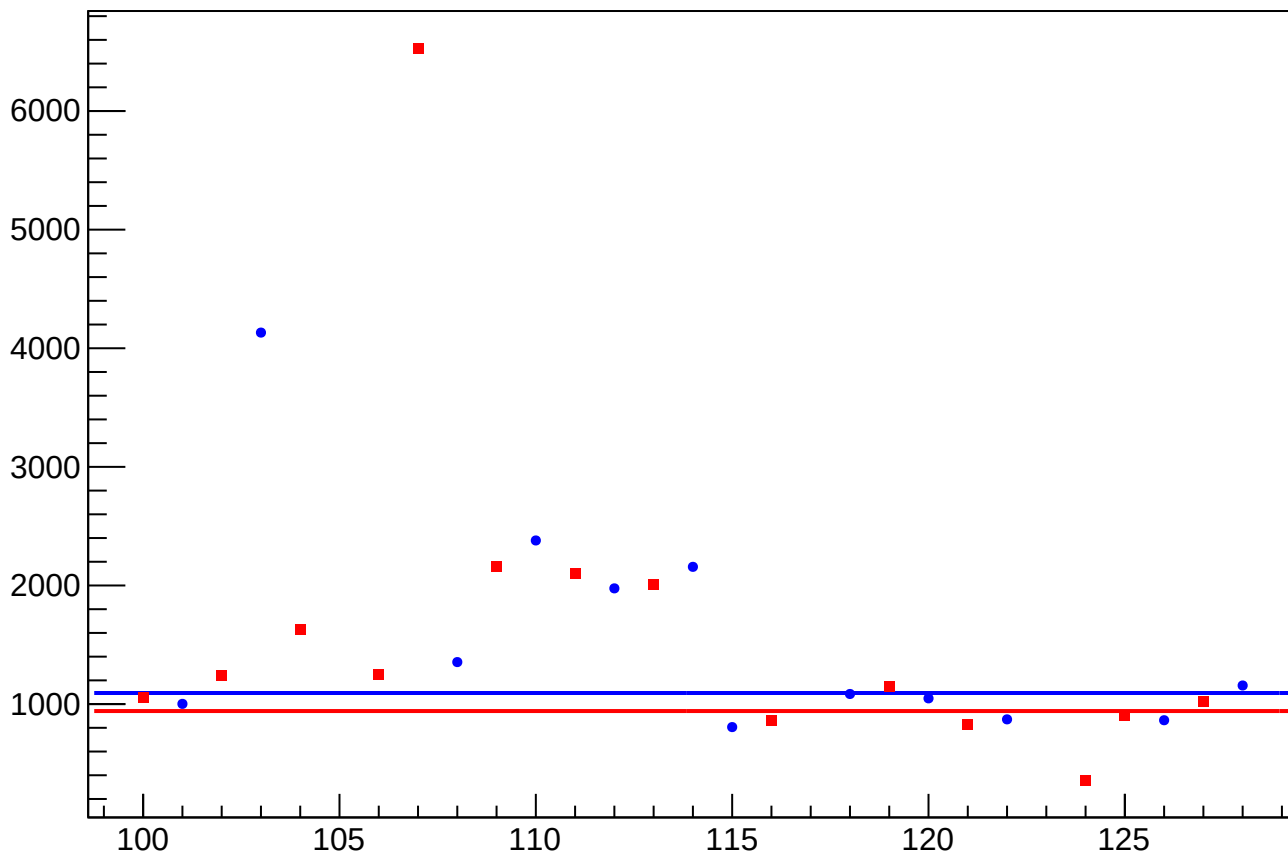
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.071+/-355.322 χ^2/NDF : 27.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_reg_correction_rms vs Slug



Right In: 1093.528 $\pm$ 0.377 χ^2/NDF : 1174087.5/11

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

Right Out: 941.378 $\pm$ 0.337 χ^2/NDF : 2245677.2/13

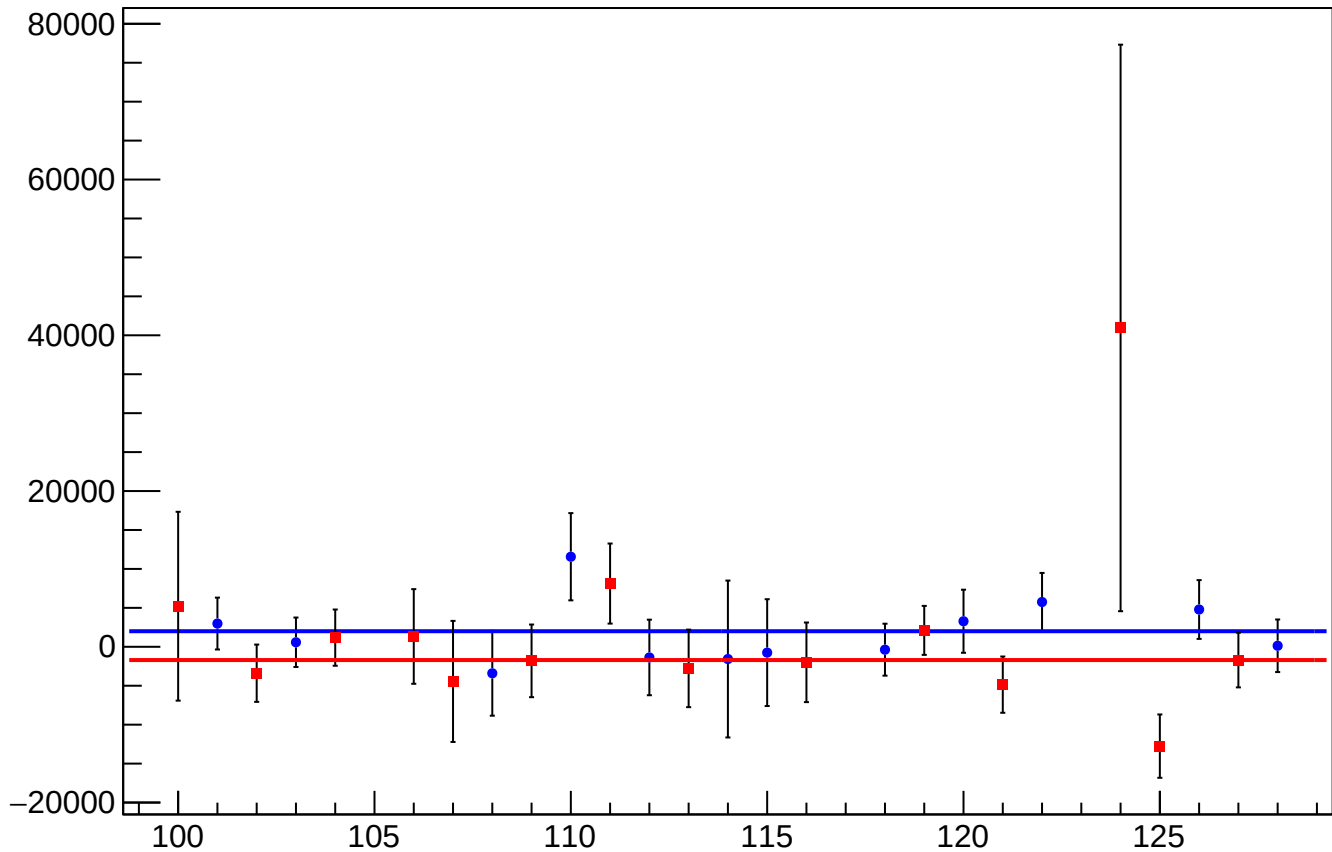
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: 1008.785 $\pm$ 0.251 χ^2/NDF : 3510253.6/25

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

cor_asym_atl1_mean vs Slug



Right In: 1999.813+/-1187.519 χ^2/NDF : 7.4/11

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

Right Out: -1703.415+/-1209.646 χ^2/NDF : 16.2/13

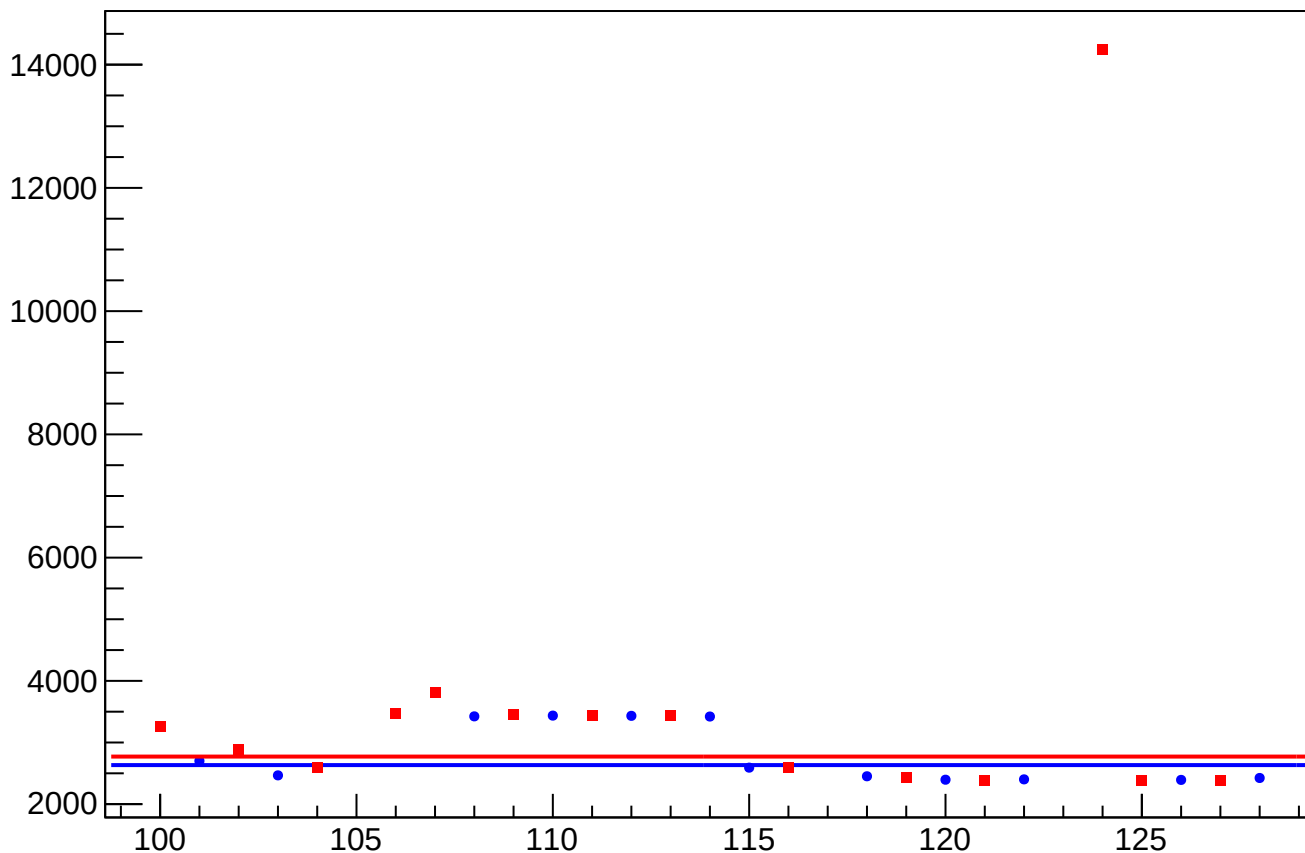
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.380+/-847.417 χ^2/NDF : 28.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1_rms vs Slug



Right In: 2633.377+/-0.840 χ^2/NDF : 192437.6/11

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

Right Out: 2771.573+/-0.855 χ^2/NDF : 475077.8/13

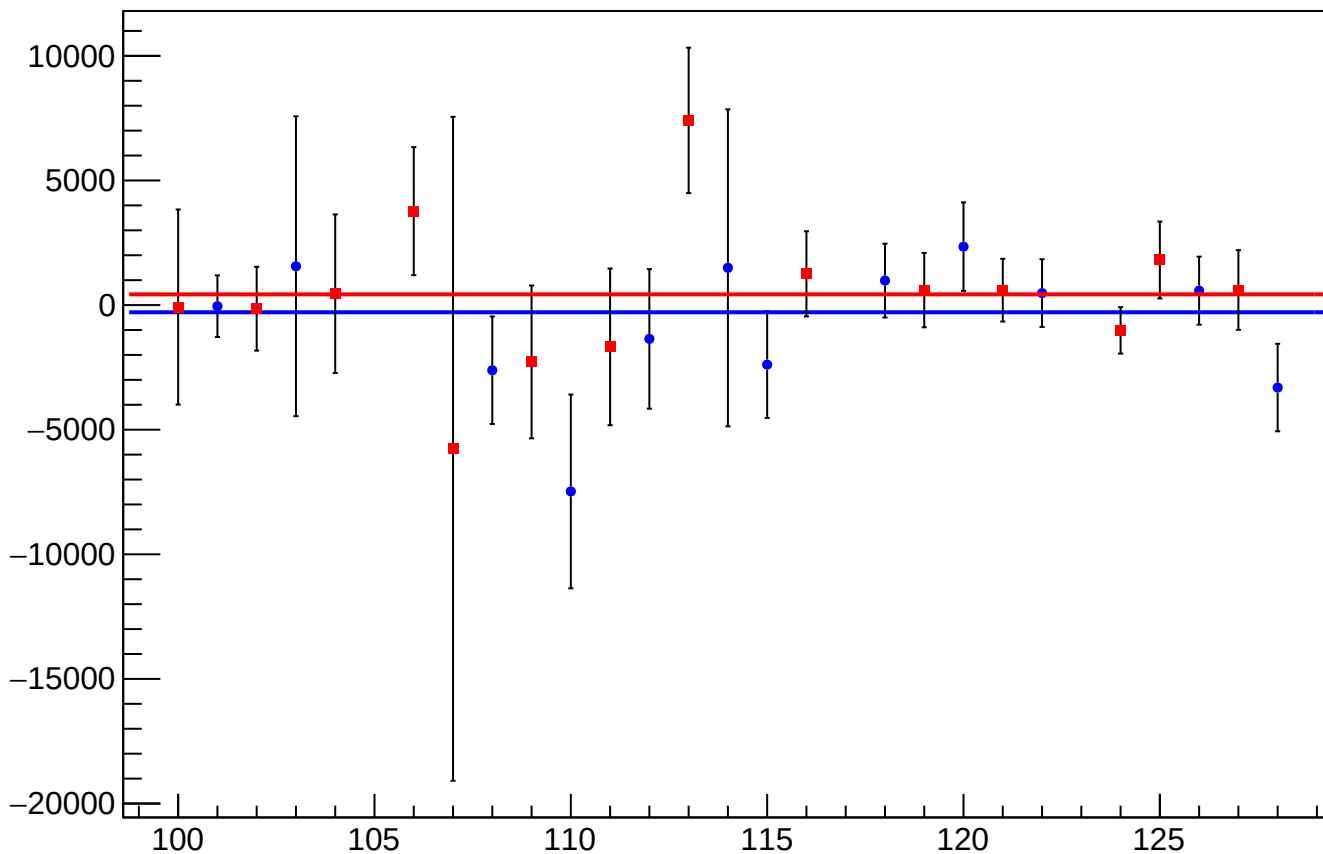
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2701.200+/-0.599 χ^2/NDF : 680808.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_cor_correction_mean vs Slug



Right In: -288.115 ± 533.832 χ^2/NDF : 12.5/11

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

Right Out: 430.664 ± 477.422 χ^2/NDF : 12.5/13

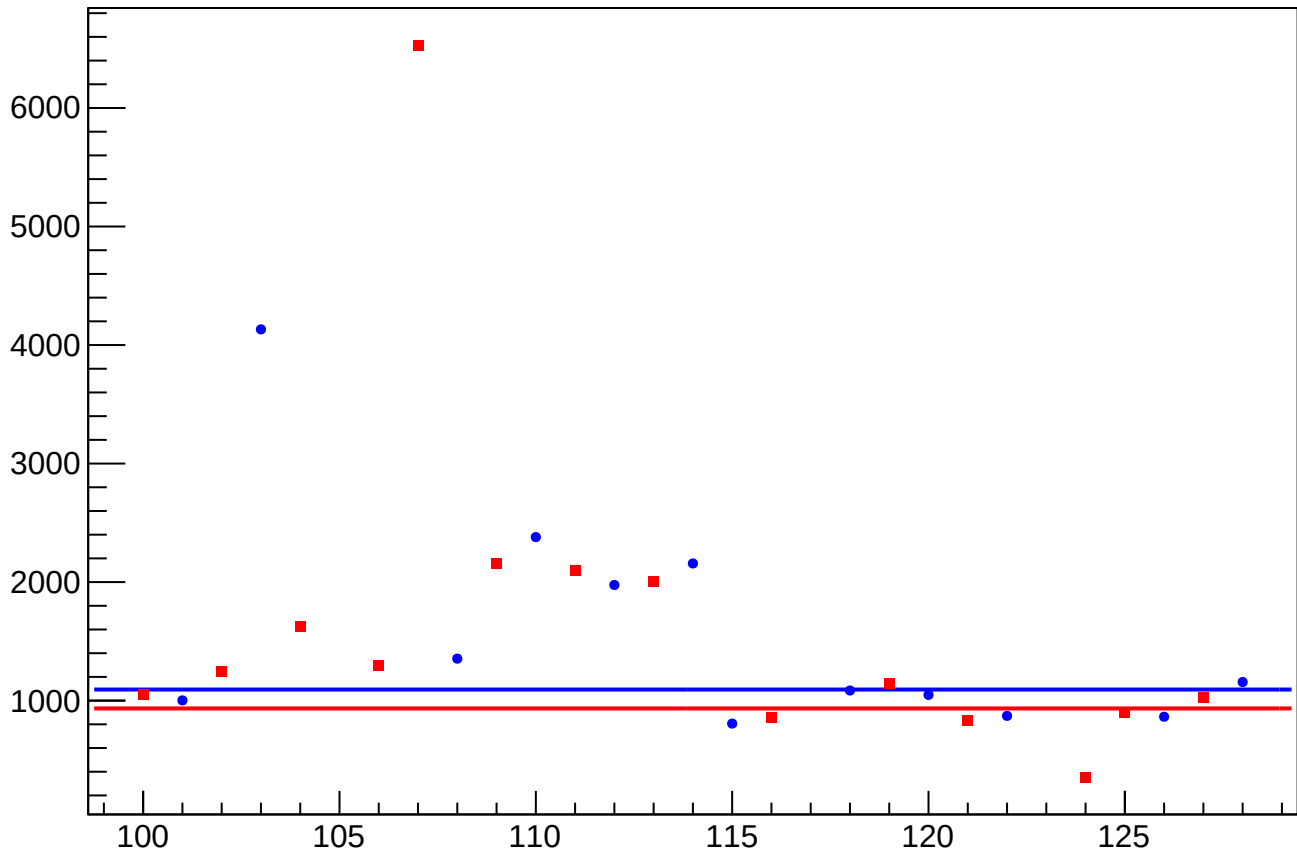
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 111.244 ± 355.867 χ^2/NDF : 26.0/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1_cor_correction_rms vs Slug



Right In: 1093.528 $\pm$ 0.377 χ^2 /NDF: 1174067.8/11

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

Right Out: 934.061 $\pm$ 0.338 χ^2 /NDF: 2277678.7/13

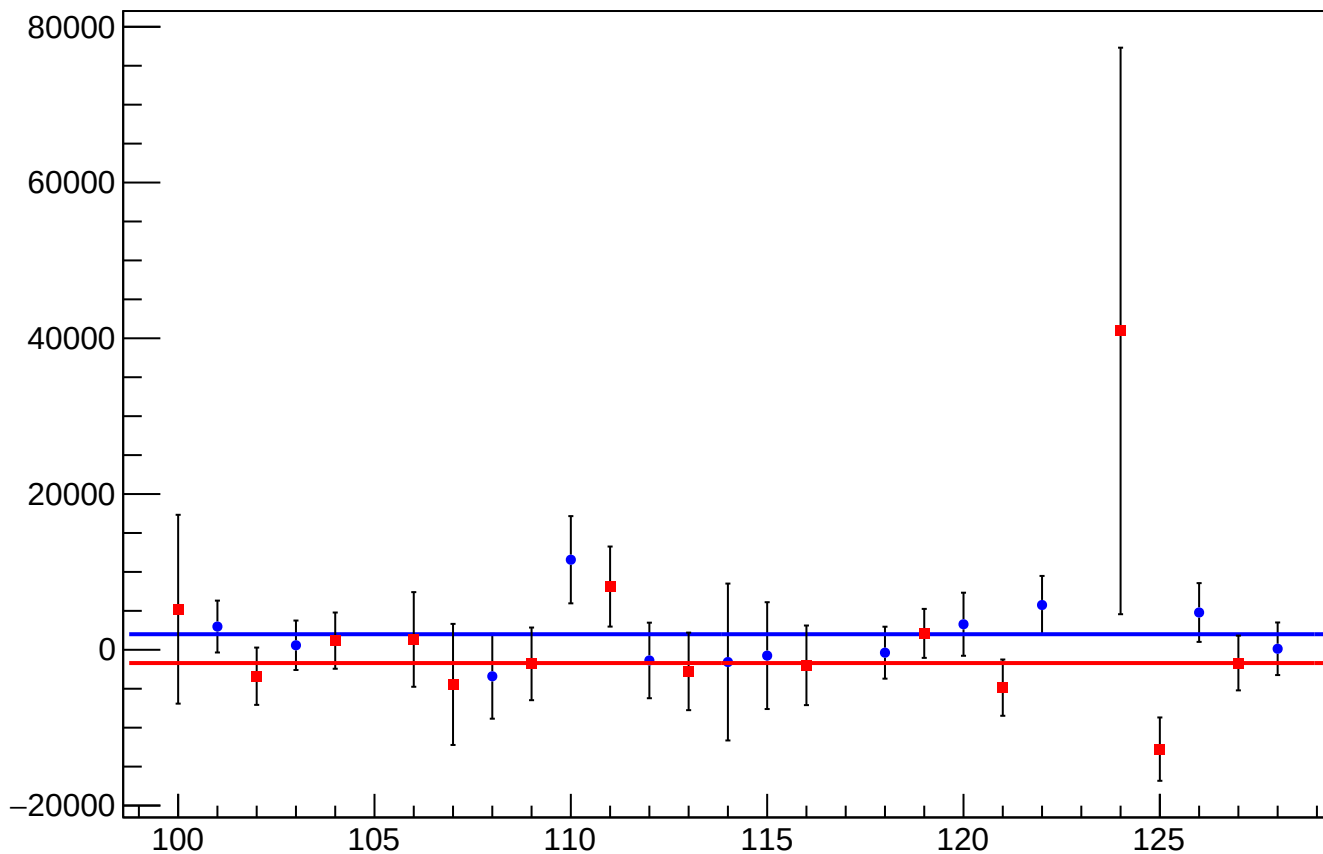
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1004.927 $\pm$ 0.252 χ^2 /NDF: 3550906.0/25

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

eigen_cor_asym_atl1_mean vs Slug



Right In: 1999.813+/-1187.519 χ^2 /NDF: 7.4/11

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

Right Out: -1703.415+/-1209.646 χ^2 /NDF: 16.2/13

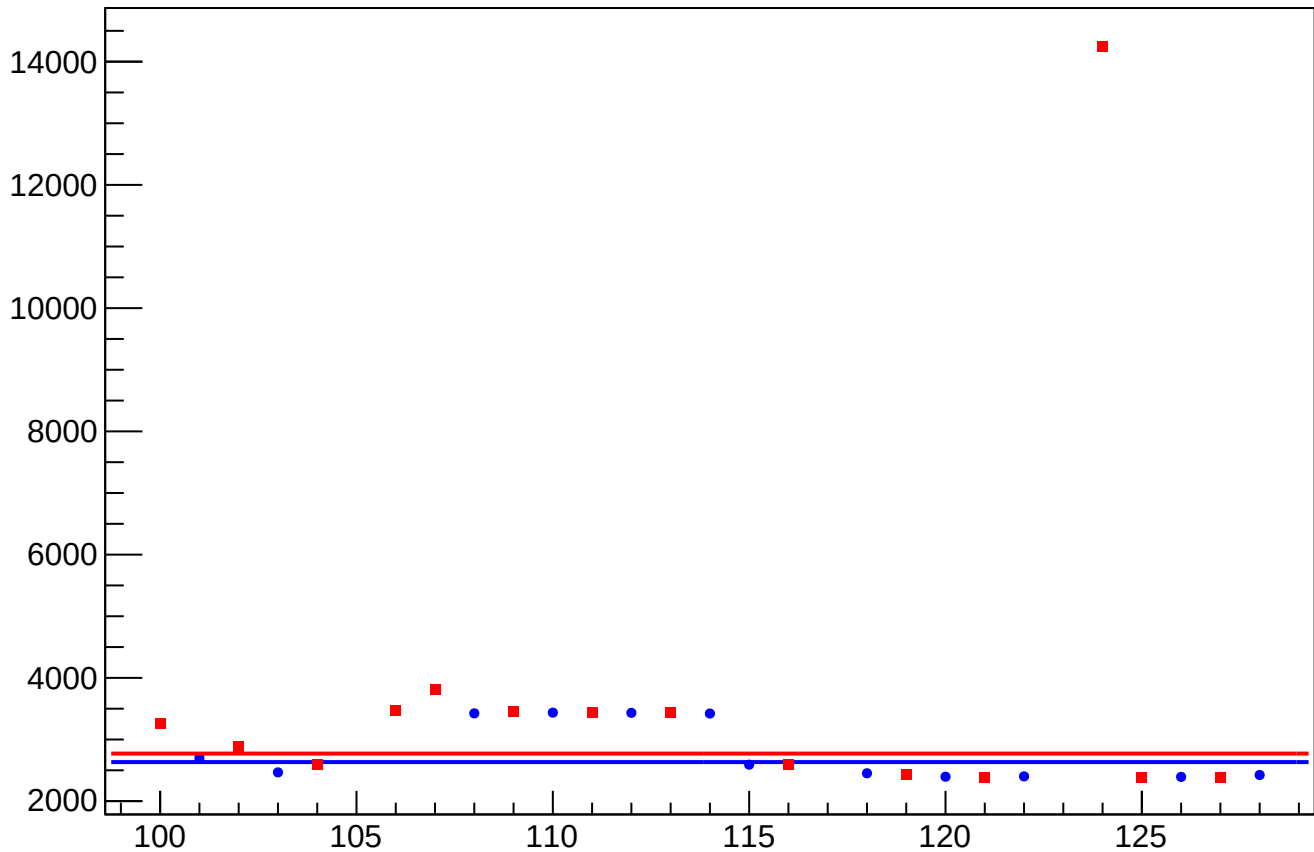
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 182.380+/-847.417 χ^2 /NDF: 28.4/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl1_rms vs Slug



Right In: 2633.377+/-0.840 χ^2/NDF : 192437.6/11

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

Right Out: 2771.573+/-0.855 χ^2/NDF : 475077.8/13

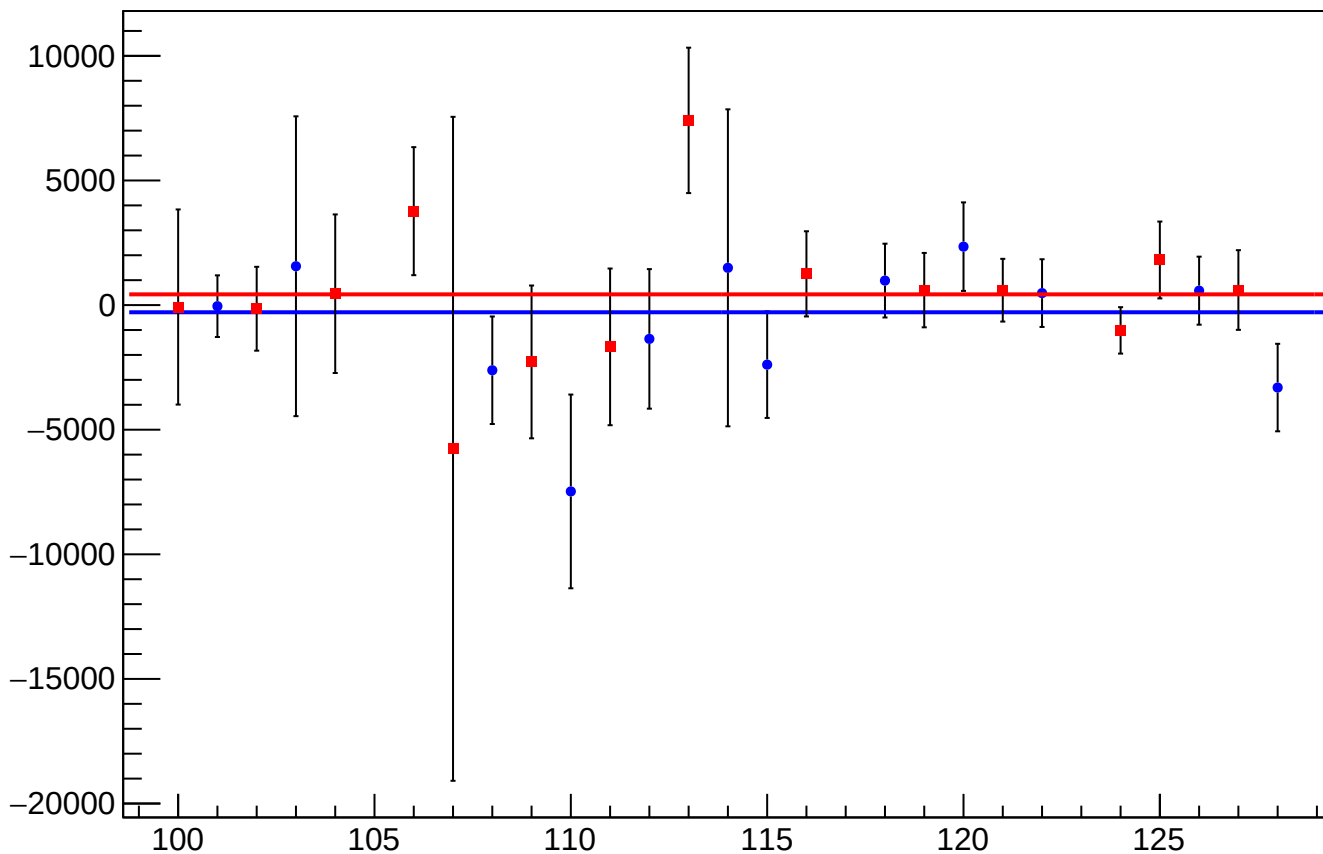
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2701.200+/-0.599 χ^2/NDF : 680808.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_cor_correction_mean vs Slug



Right In: -288.115+/-533.832 χ^2 /NDF: 12.5/11

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

Right Out: 430.664+/-477.422 χ^2 /NDF: 12.5/13

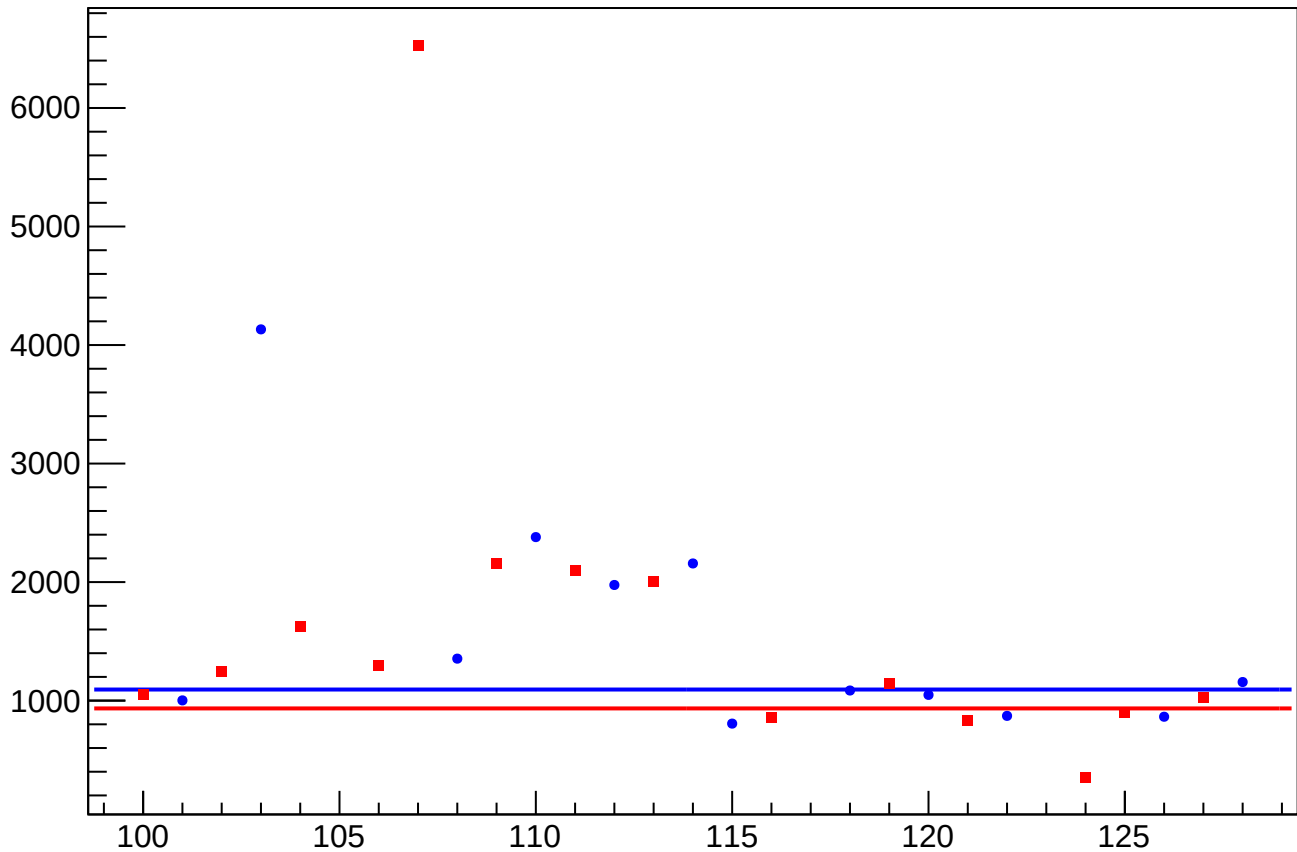
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 111.244+/-355.867 χ^2 /NDF: 26.0/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl1_eigen_cor_correction_rms vs Slug



Right In: 1093.528+/-0.377 χ^2/NDF : 1174067.8/11

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

Right Out: 934.061+/-0.338 χ^2/NDF : 2277678.7/13

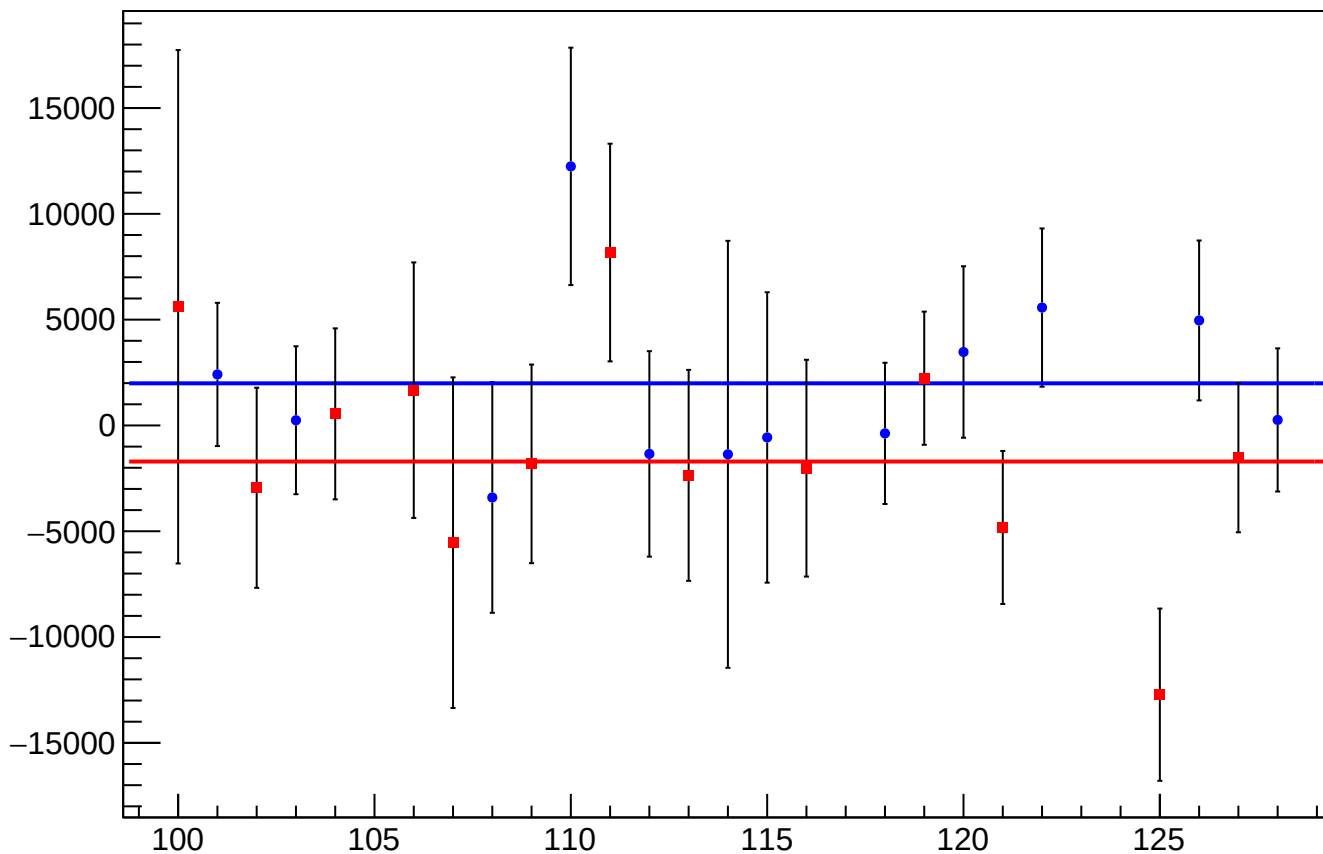
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1004.927+/-0.252 χ^2/NDF : 3550906.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1_mean vs Slug



Right In: 1990.894+/-1205.866 χ^2/NDF : 7.7/11

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

Right Out: -1704.979+/-1253.184 χ^2/NDF : 14.6/12

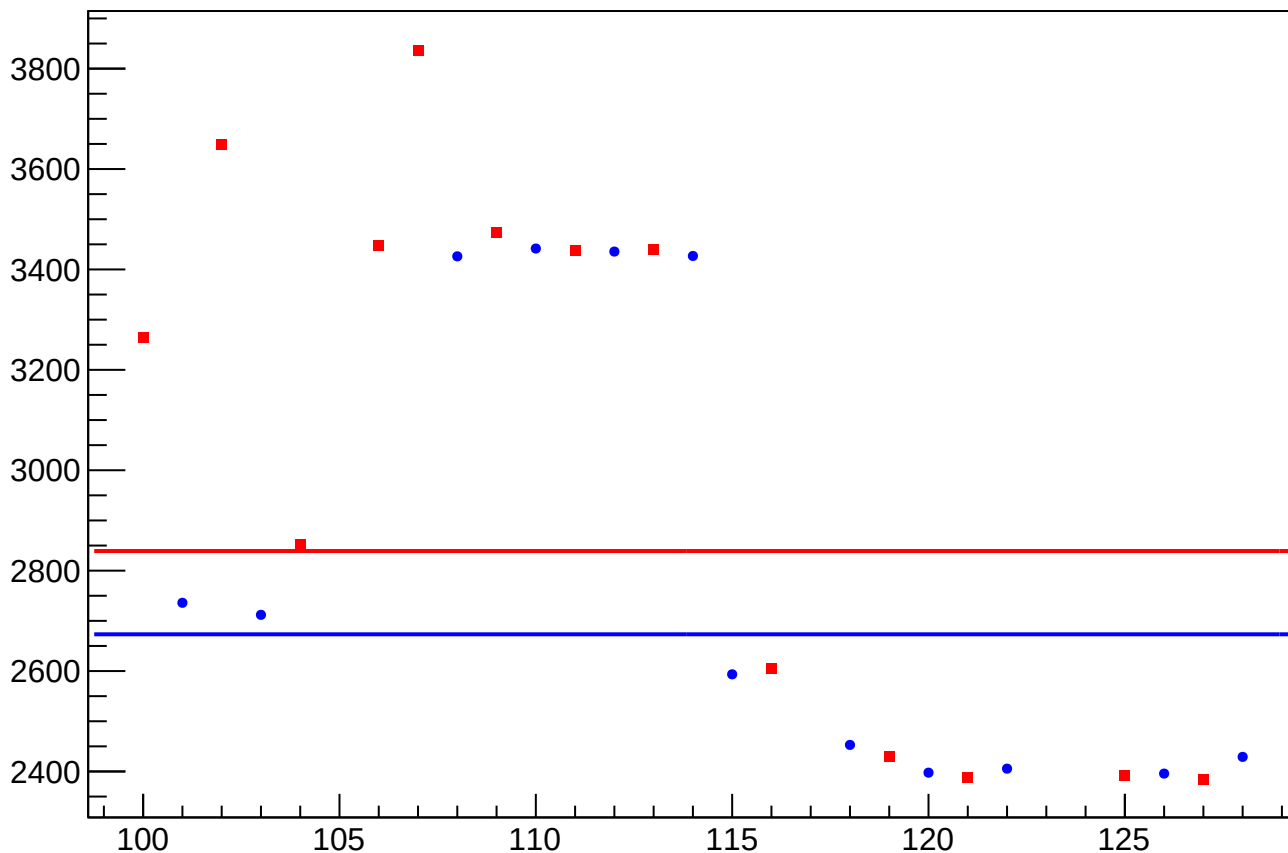
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.048+/-868.923 χ^2/NDF : 26.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1_rms vs Slug



Right In: 2673.210+/-0.853 χ^2/NDF : 186796.7/11

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

Right Out: 2839.091+/-0.886 χ^2/NDF : 333510.4/12

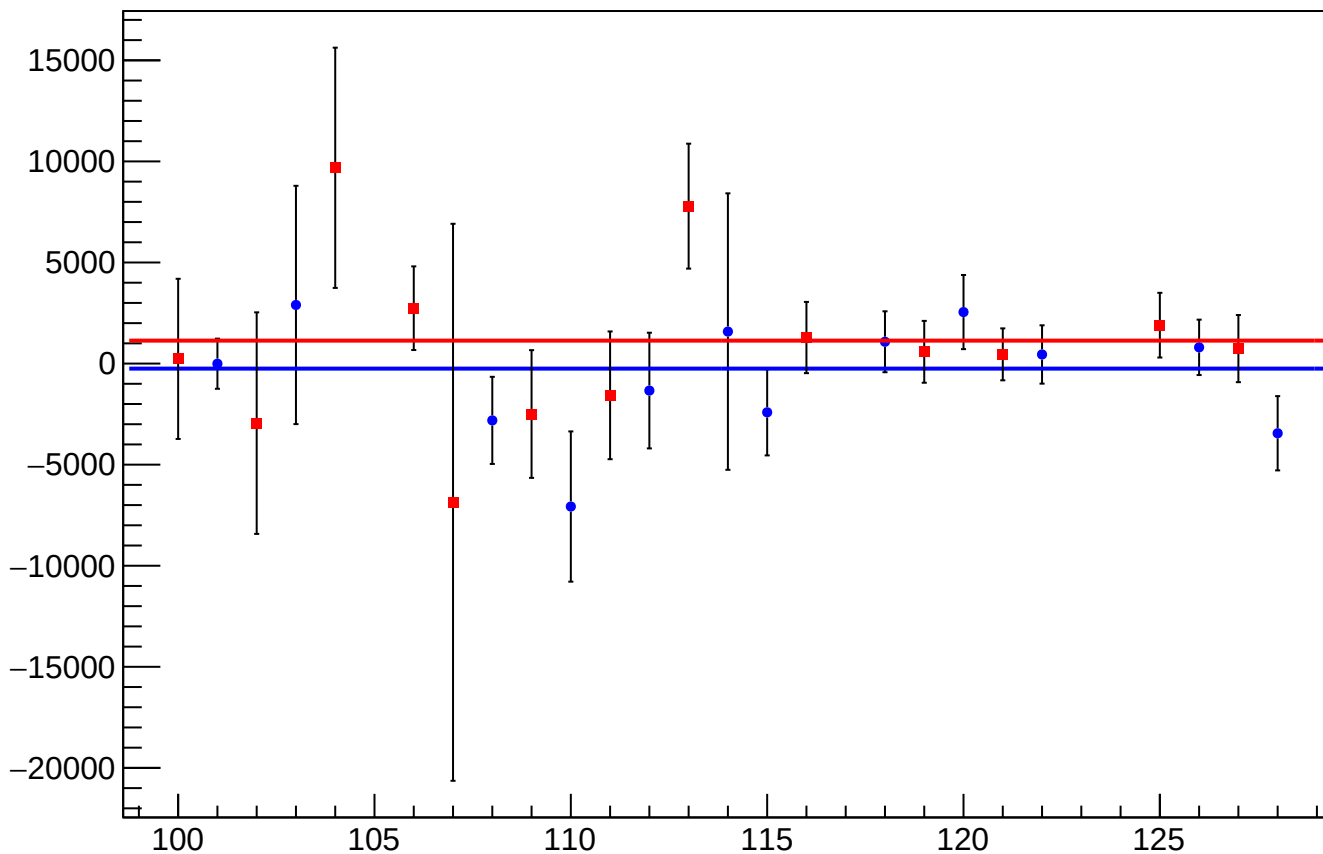
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2752.960+/-0.614 χ^2/NDF : 538502.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_dit_correction_mean vs Slug



Right In: -249.563+/-544.143 χ^2/NDF : 13.3/11

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

Right Out: 1135.026+/-599.917 χ^2/NDF : 11.0/12

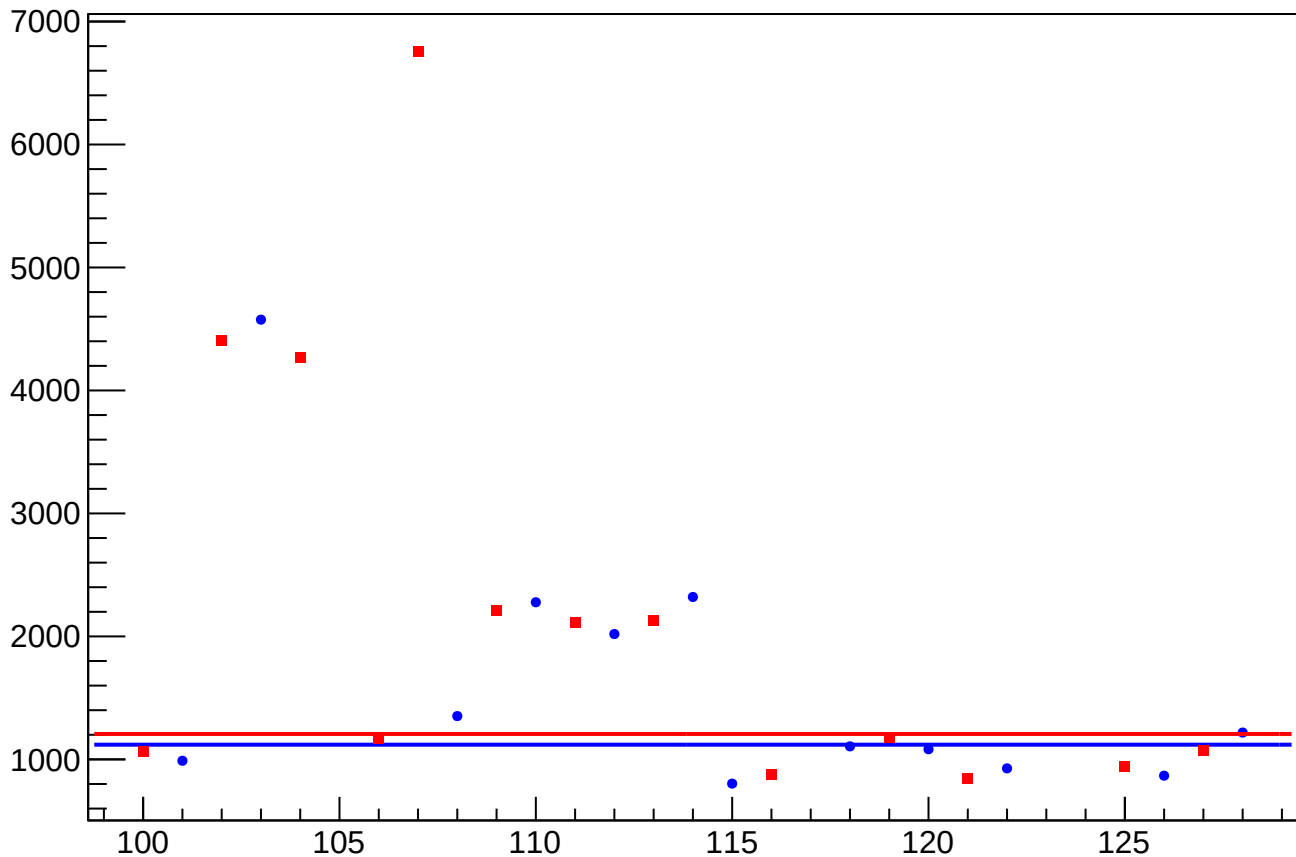
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 375.391+/-403.046 χ^2/NDF : 27.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_dit_correction_rms vs Slug



Right In: 1119.487+/-0.385 χ^2/NDF : 1341277.7/11

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

Right Out: 1206.815+/-0.424 χ^2/NDF : 2375806.4/12

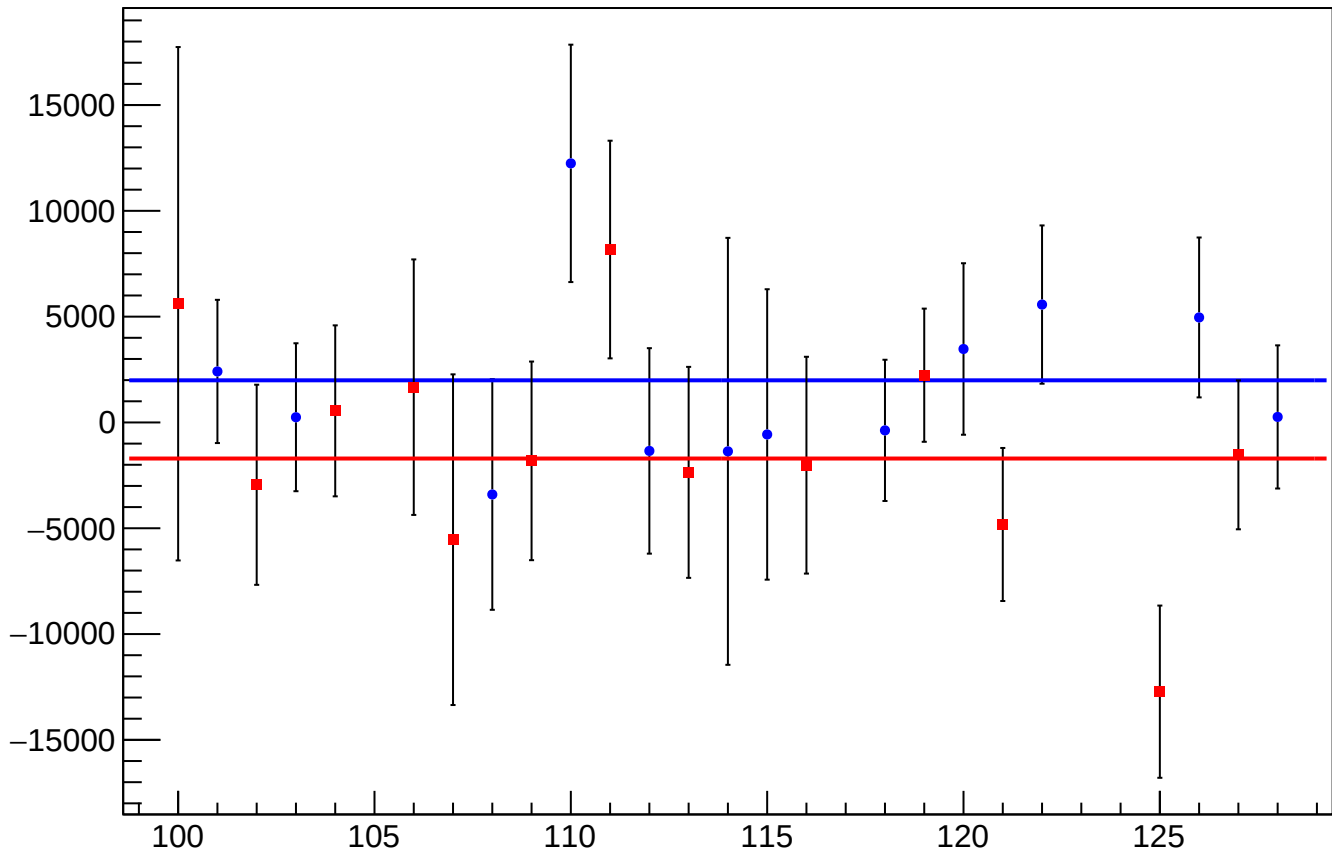
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1158.904+/-0.285 χ^2/NDF : 3740334.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1_mean vs Slug



Right In: 1990.891+/-1205.866 χ^2/NDF : 7.7/11

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

Right Out: -1704.976+/-1253.183 χ^2/NDF : 14.6/12

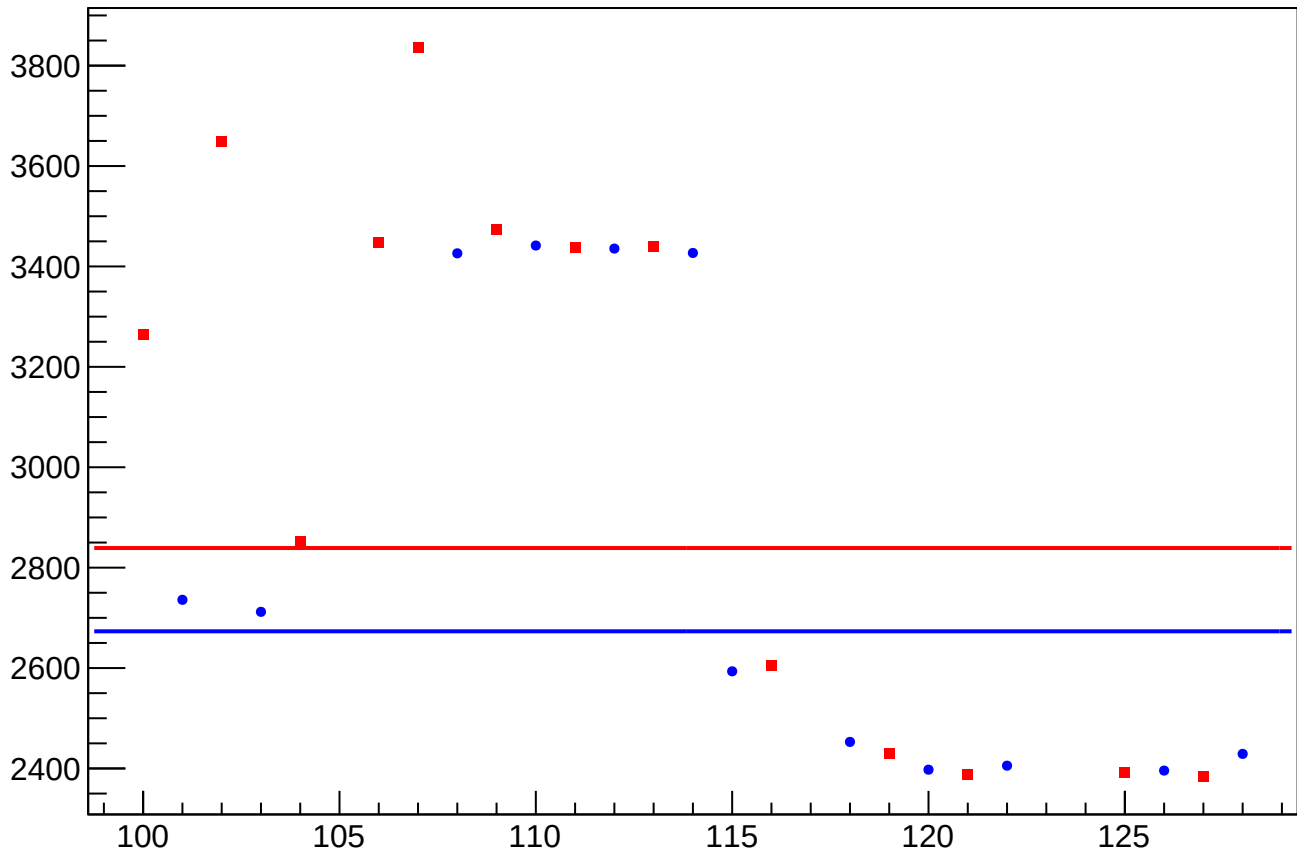
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.048+/-868.922 χ^2/NDF : 26.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1_rms vs Slug



Right In: 2673.209+/-0.853 χ^2/NDF : 186796.7/11

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

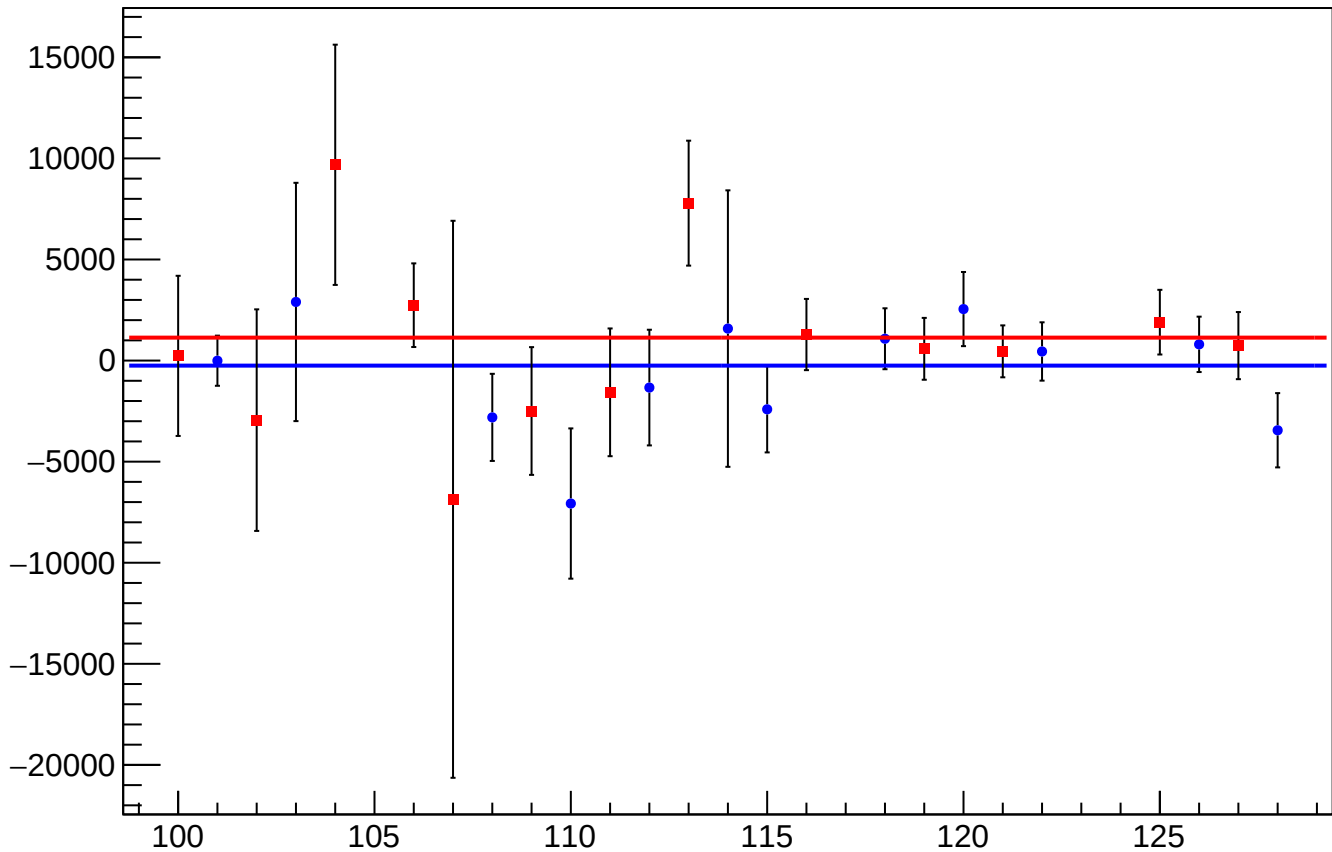
Right Out: 2839.091+/-0.886 χ^2/NDF : 333510.0/12

All: 2752.959+/-0.614 χ^2/NDF : 538502.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_atl1_eigen_dit_correction_mean vs Slug



Right In: -249.565+/-544.142 χ^2/NDF : 13.3/11

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

Right Out: 1135.025+/-599.917 χ^2/NDF : 11.0/12

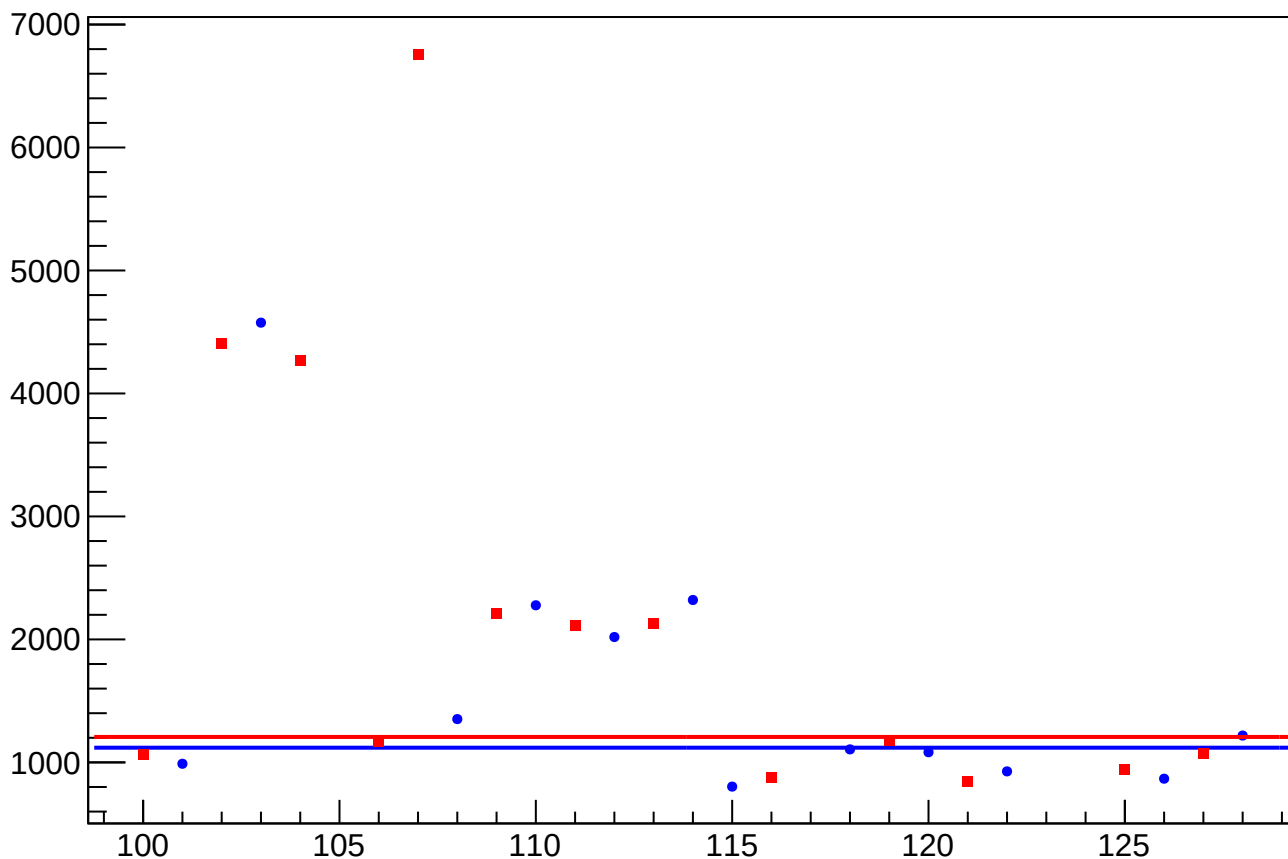
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 375.389+/-403.046 χ^2/NDF : 27.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_dit_correction_rms vs Slug



Right In: 1119.486+/-0.385 χ^2/NDF : 1341278.7/11

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

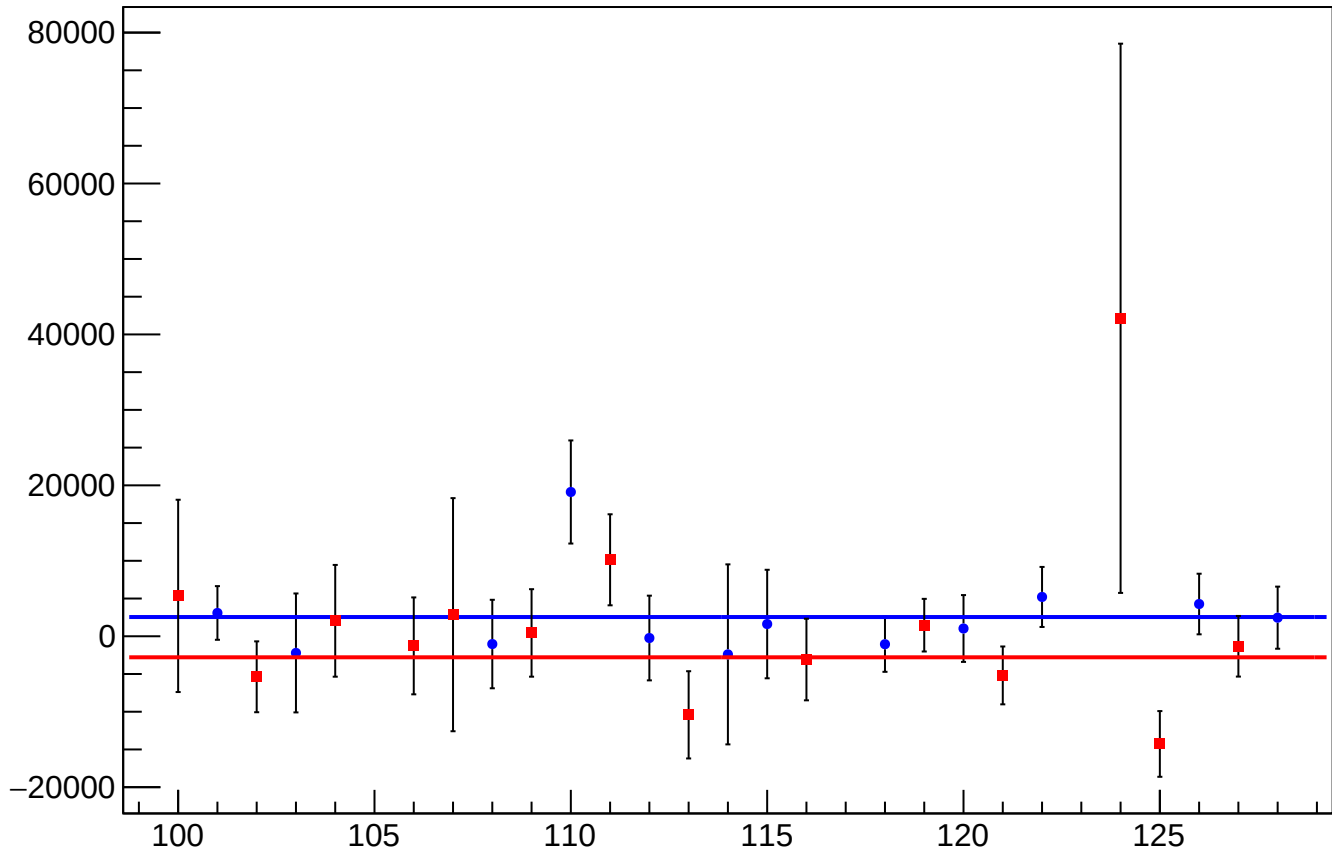
Right Out: 1206.814+/-0.424 χ^2/NDF : 2375808.6/12

All: 1158.903+/-0.285 χ^2/NDF : 3740338.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_atl1_mean vs Slug



Right In: 2548.781+/-1395.266 χ^2/NDF : 8.8/11

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

Right Out: -2787.682+/-1435.579 χ^2/NDF : 18.5/13

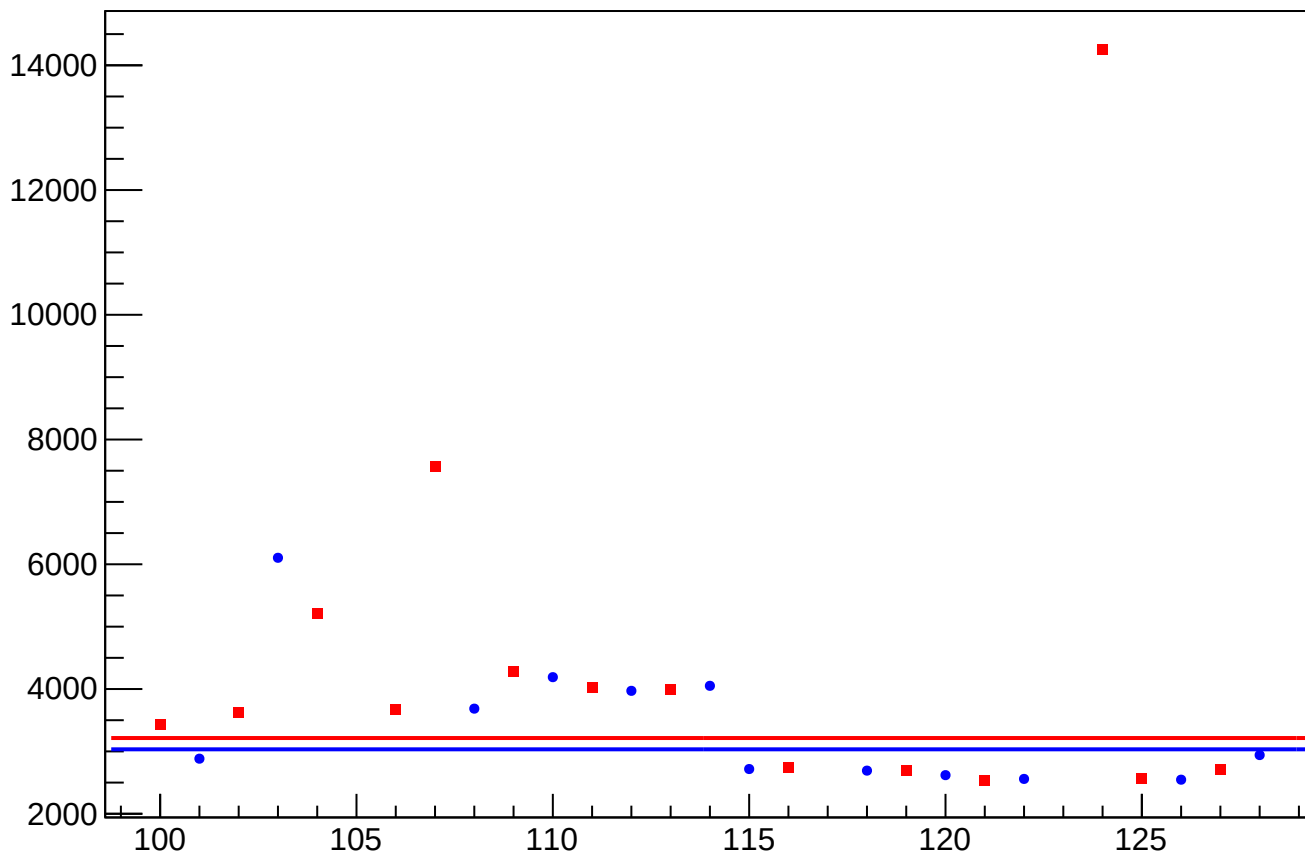
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.472+/-1000.551 χ^2/NDF : 34.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_rms vs Slug



Right In: 3033.230+/-0.987 χ^2/NDF : 557327.9/11

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

Right Out: 3214.358+/-1.015 χ^2/NDF : 853568.1/13

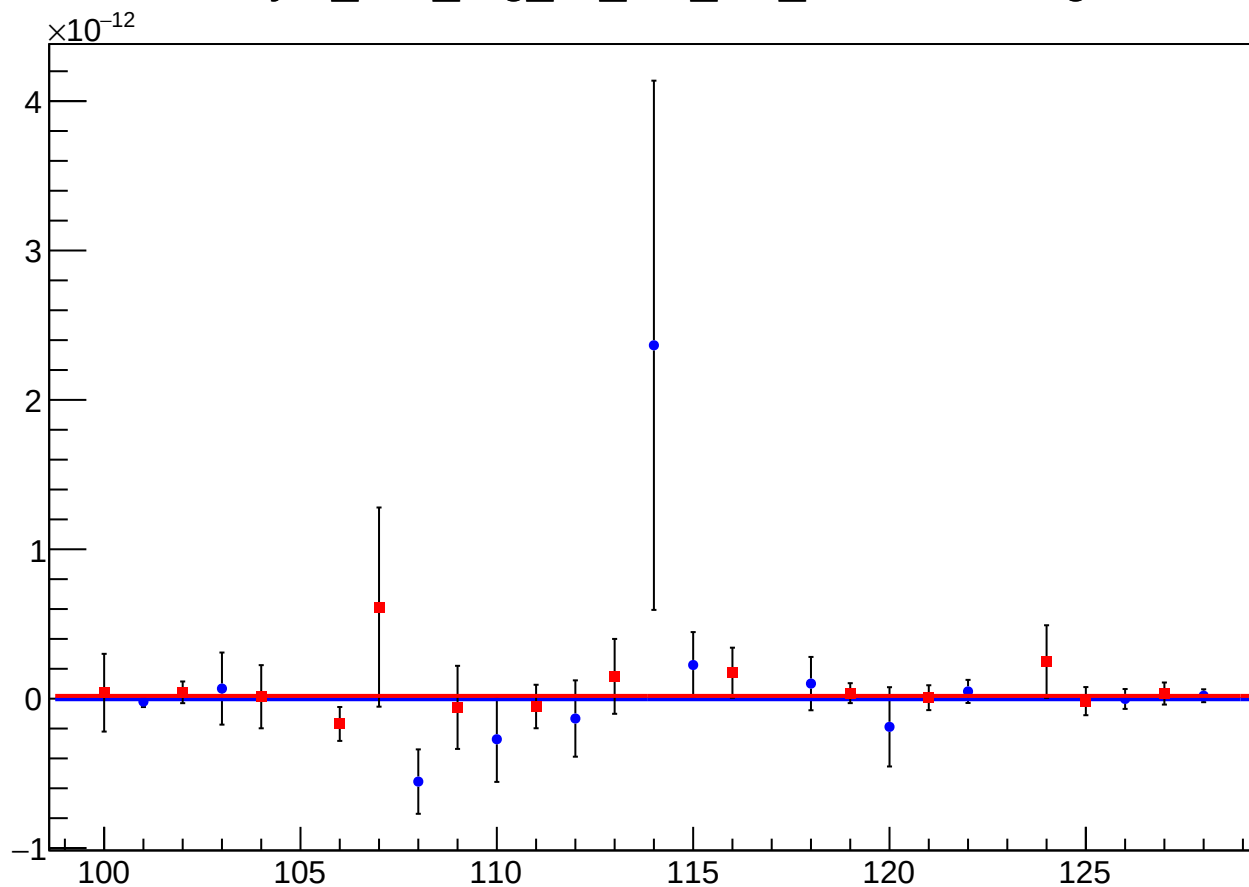
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3121.215+/-0.707 χ^2/NDF : 1427268.4/25

- 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 : 12.4/11

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

Right Out: 0.000 ± 0.000 χ^2/NDF : 6.3/13

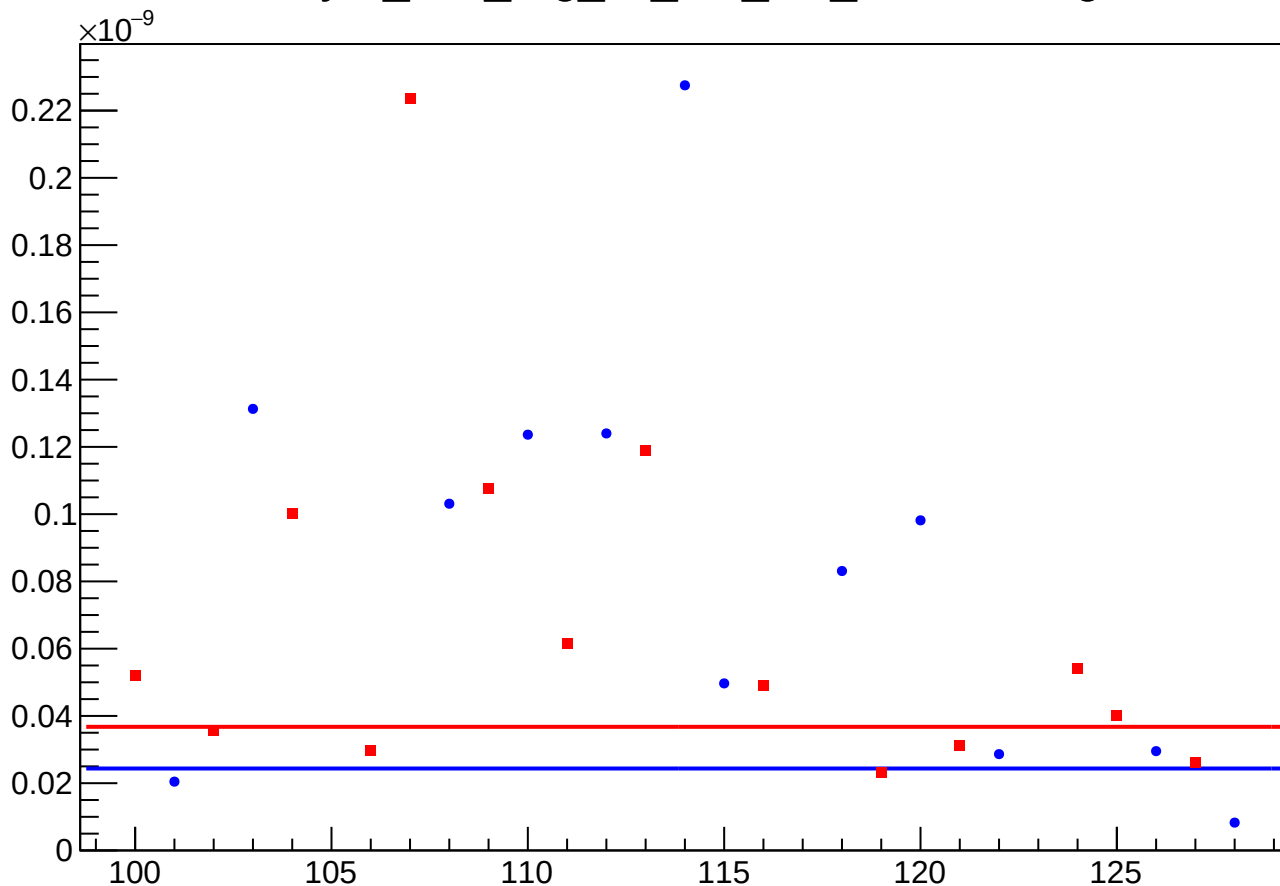
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 19.0/25

- 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 : 1949306.0/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 912505.8/13

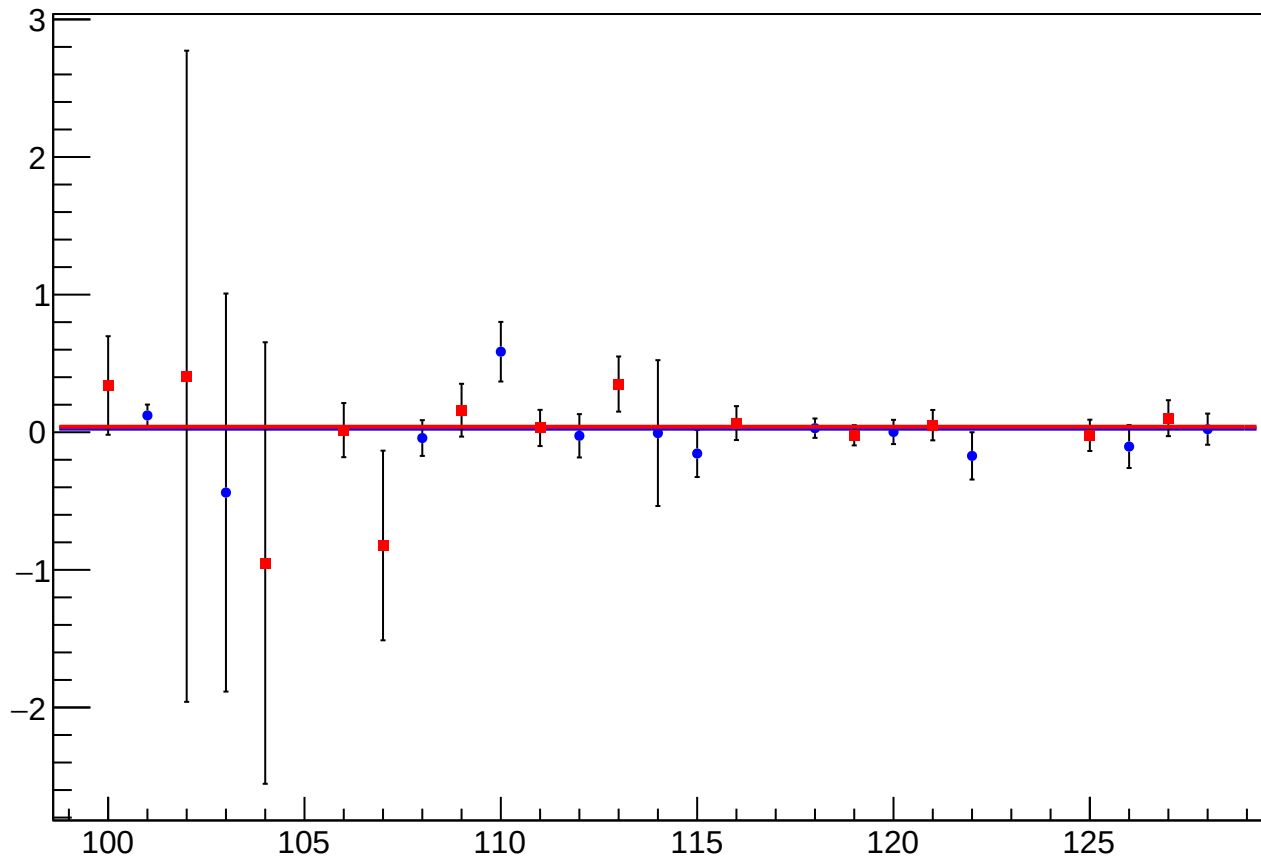
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3072546.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_dit_vs_cor_diff_mean vs Slug



Right In: 0.026 $\pm$ 0.035 χ^2 /NDF: 11.9/11

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

Right Out: 0.040 $\pm$ 0.040 χ^2 /NDF: 6.8/12

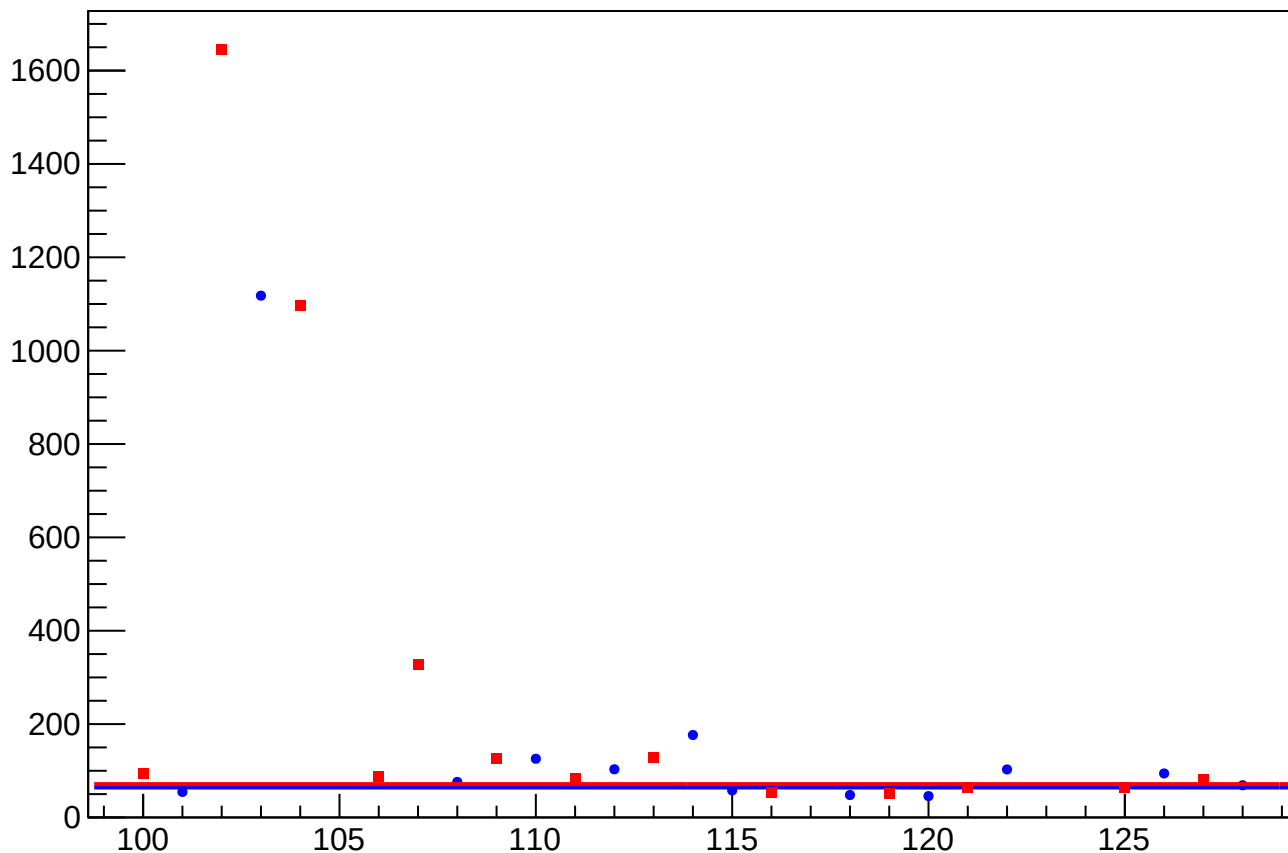
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.032 $\pm$ 0.027 χ^2 /NDF: 18.7/24

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

asym_atl1_dit_vs_cor_diff_rms vs Slug



Right In: 64.250+/-0.025 χ^2/NDF : 1856756.0/11

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

Right Out: 71.441+/-0.029 χ^2/NDF : 2554179.4/12

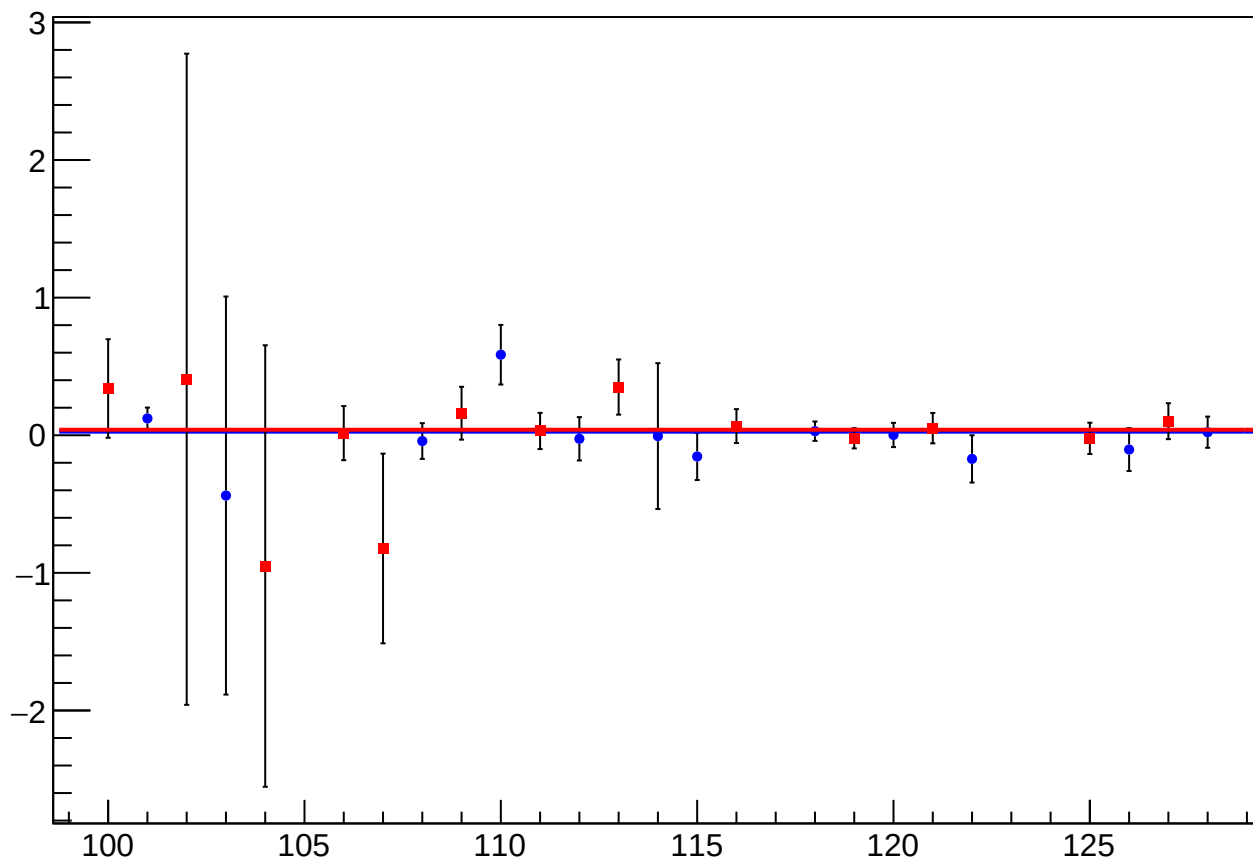
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.368+/-0.019 χ^2/NDF : 4446990.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.026+/-0.035 χ^2/NDF : 11.9/11

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

Right Out: 0.040+/-0.040 χ^2/NDF : 6.8/12

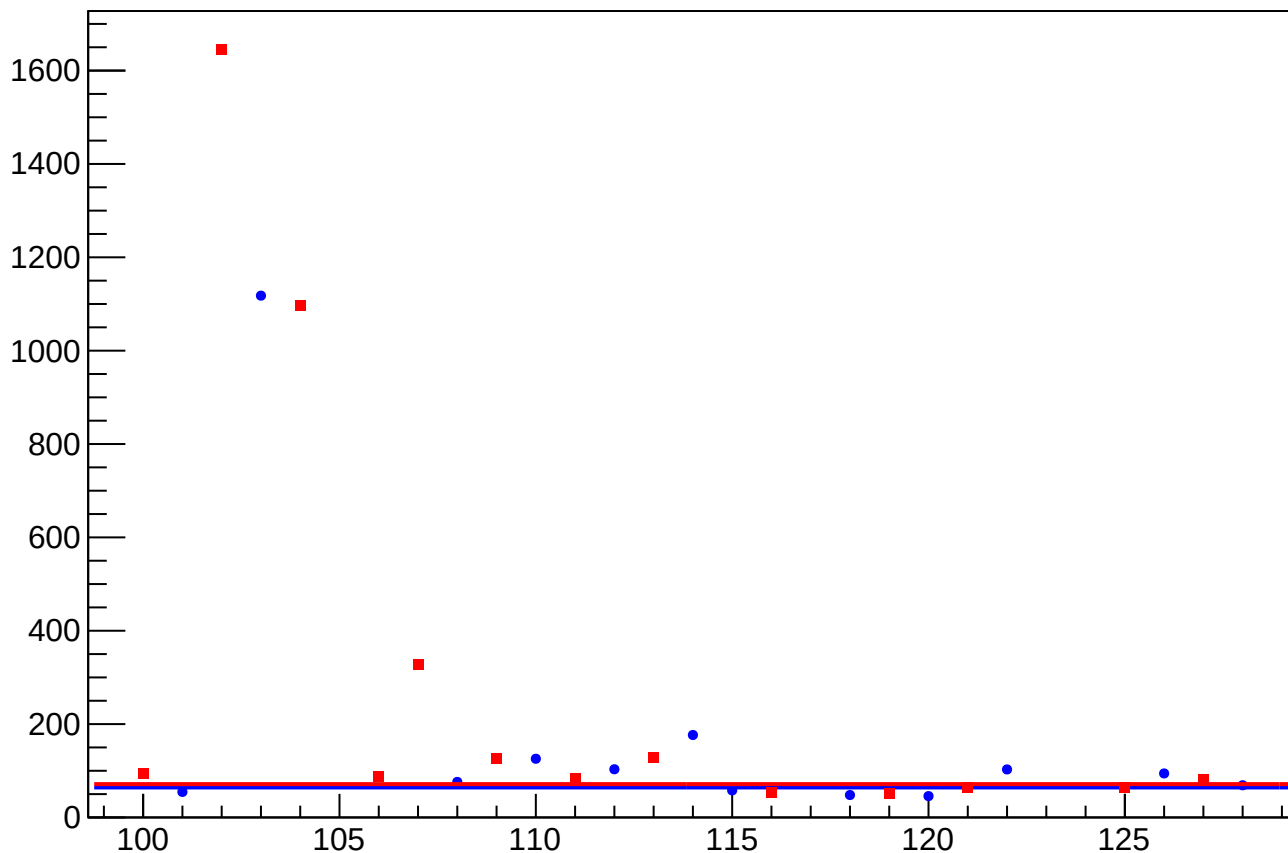
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.032+/-0.027 χ^2/NDF : 18.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 64.250+/-0.025 χ^2/NDF : 1856756.0/11

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

Right Out: 71.441+/-0.029 χ^2/NDF : 2554179.4/12

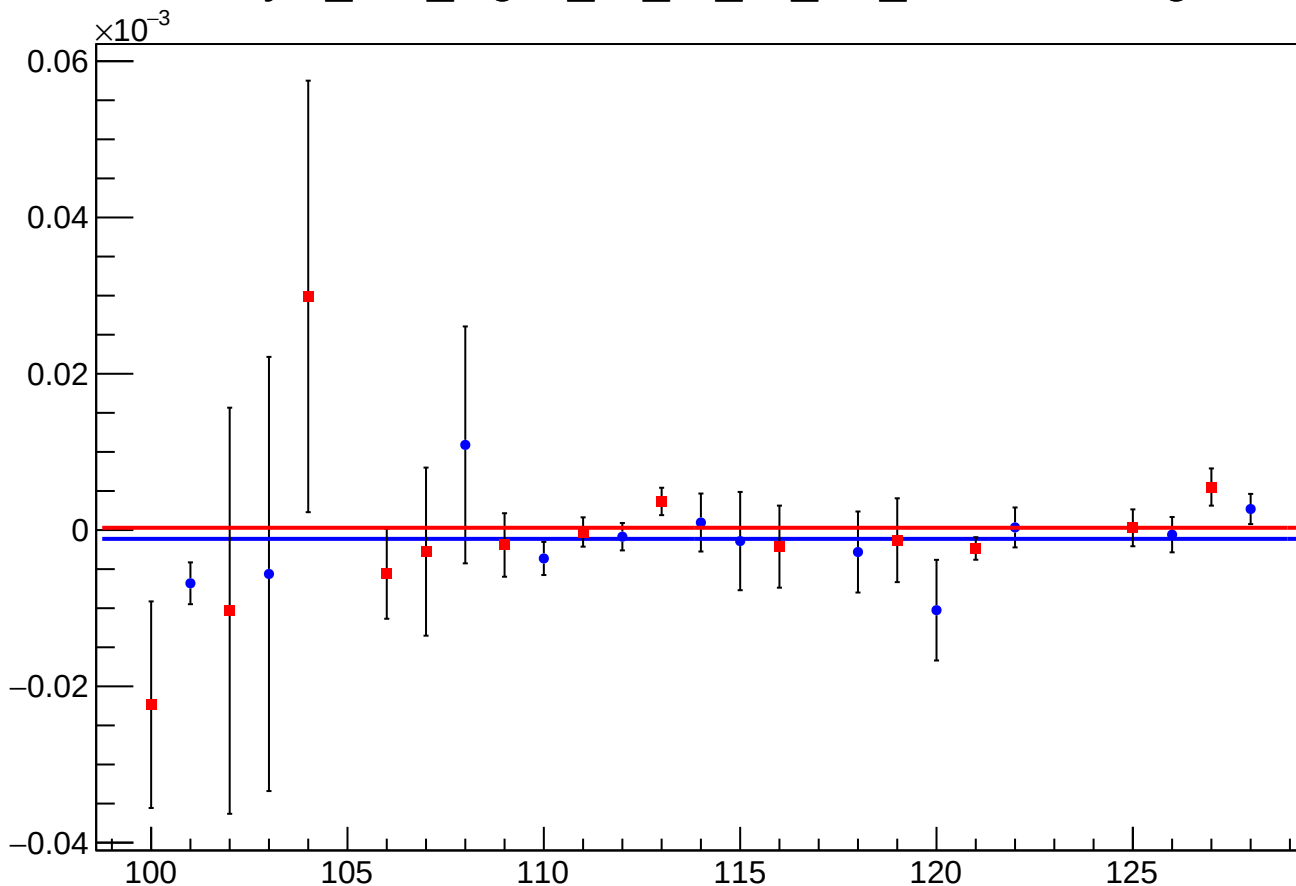
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.368+/-0.019 χ^2/NDF : 4446990.2/24

- 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 : 13.3/11

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

Right Out: 0.000 ± 0.000 χ^2/NDF : 17.9/12

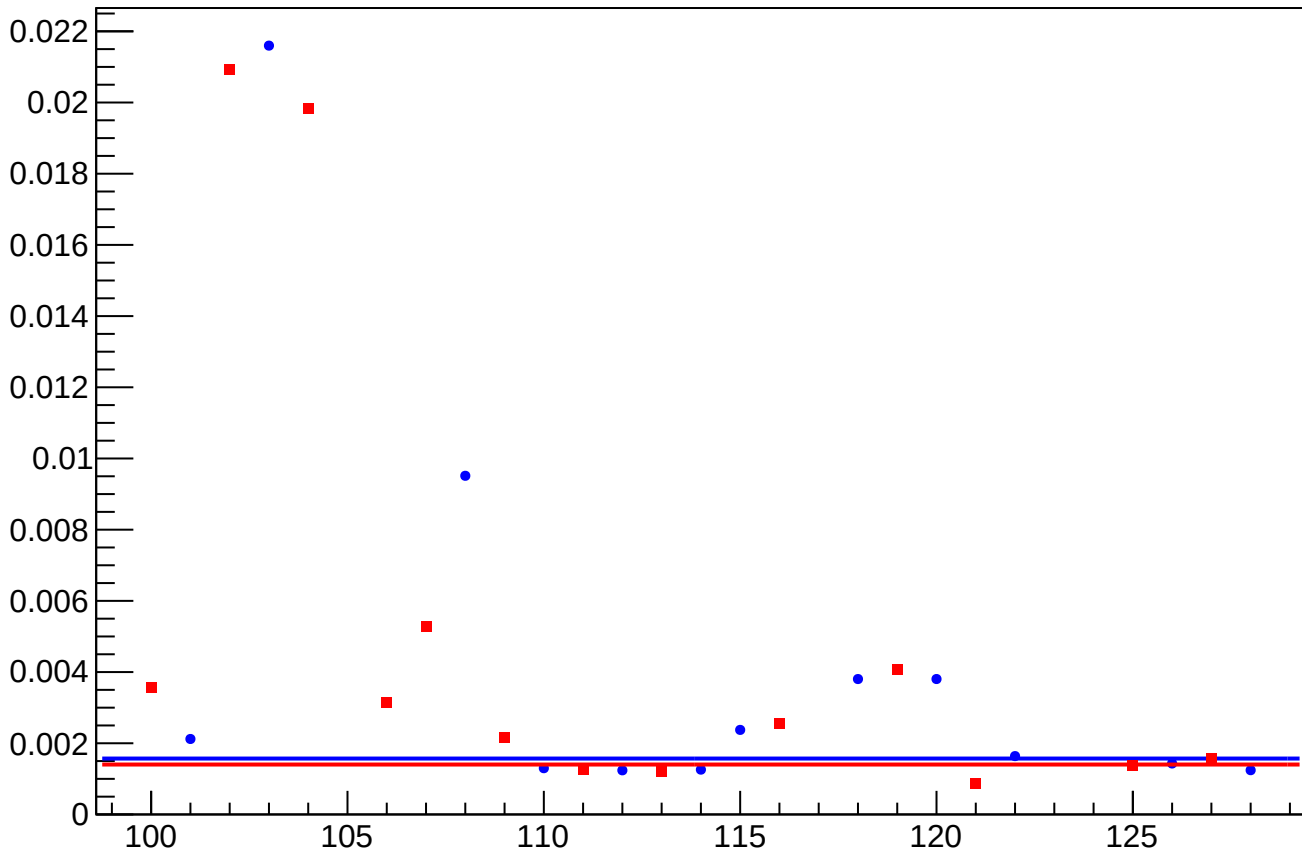
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 32.8/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 2501982.9/11

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

Right Out: 0.001+/-0.000 χ^2/NDF : 3486041.7/12

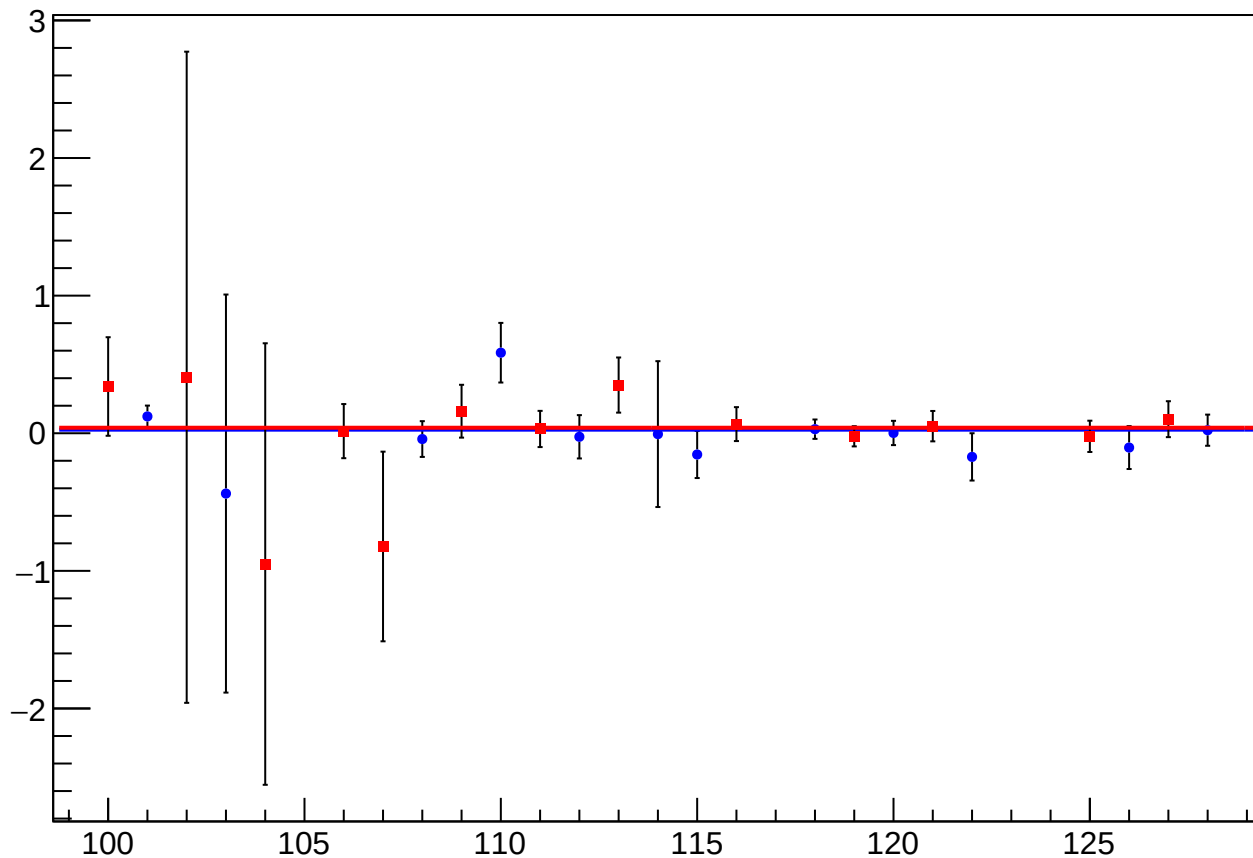
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6031699.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.026 $\pm$ 0.035 χ^2 /NDF: 11.9/11

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

Right Out: 0.040 $\pm$ 0.040 χ^2 /NDF: 6.8/12

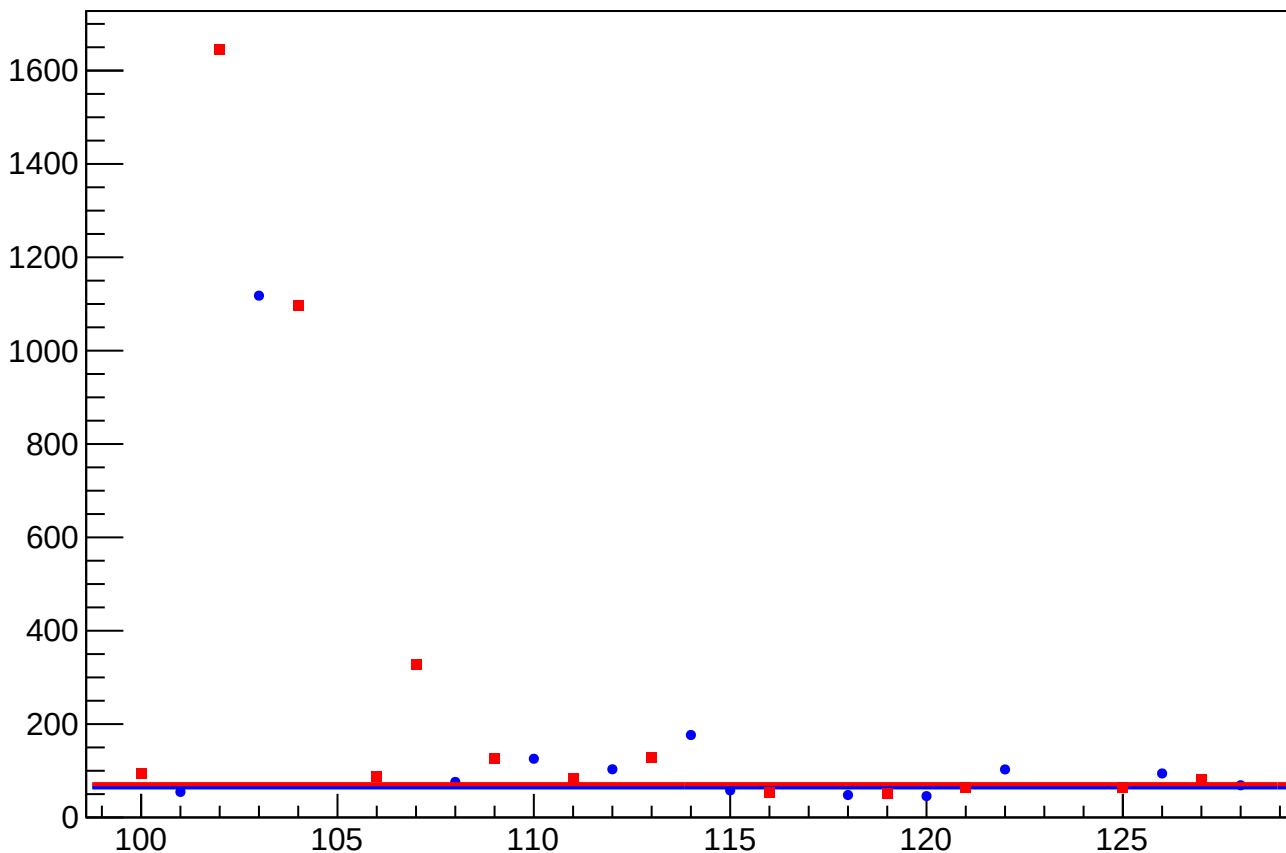
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.032 $\pm$ 0.027 χ^2 /NDF: 18.7/24

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

asym_atl1_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 64.249+/-0.025 χ^2/NDF : 1856826.0/11

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

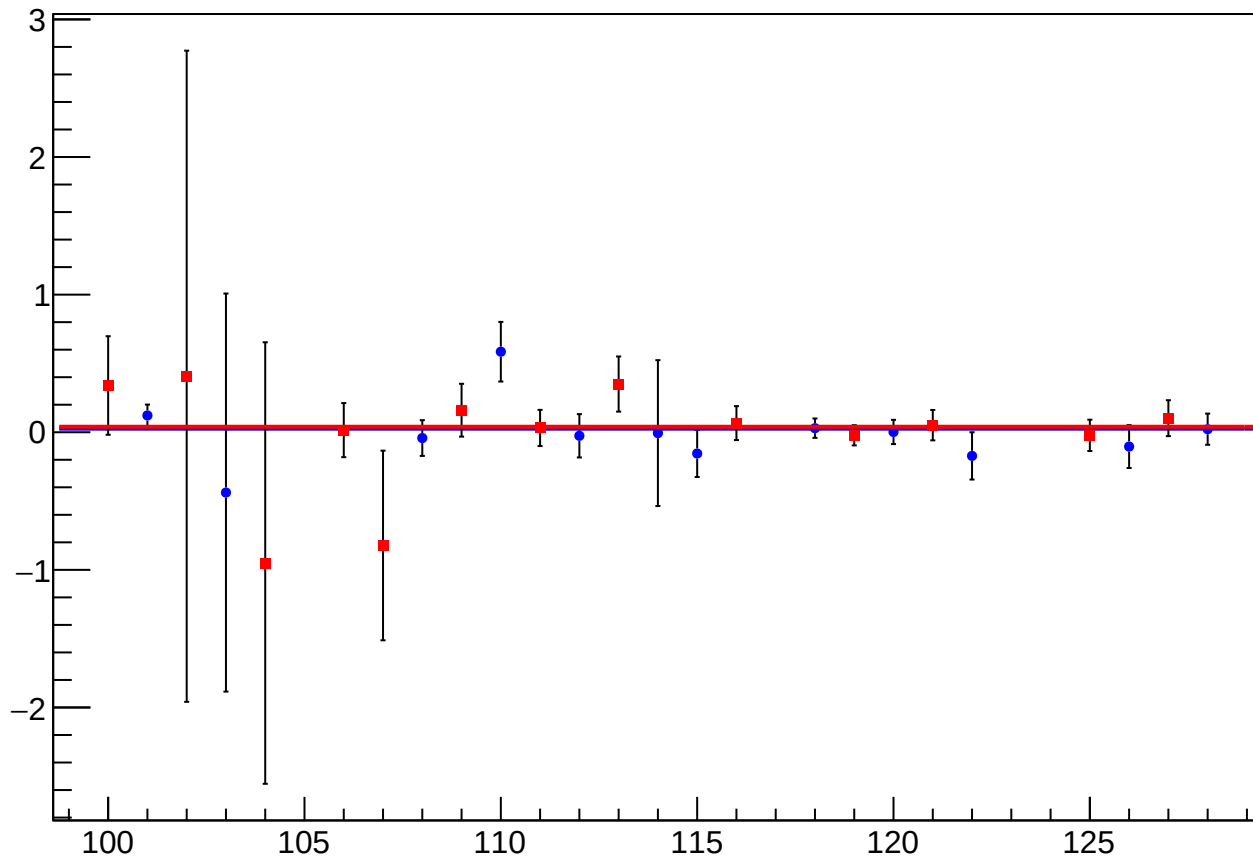
Right Out: 71.440+/-0.029 χ^2/NDF : 2554199.7/12

All: 67.367+/-0.019 χ^2/NDF : 4447085.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_atl1_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.026 $\pm$ 0.035 χ^2 /NDF: 11.9/11

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

Right Out: 0.040 $\pm$ 0.040 χ^2 /NDF: 6.8/12

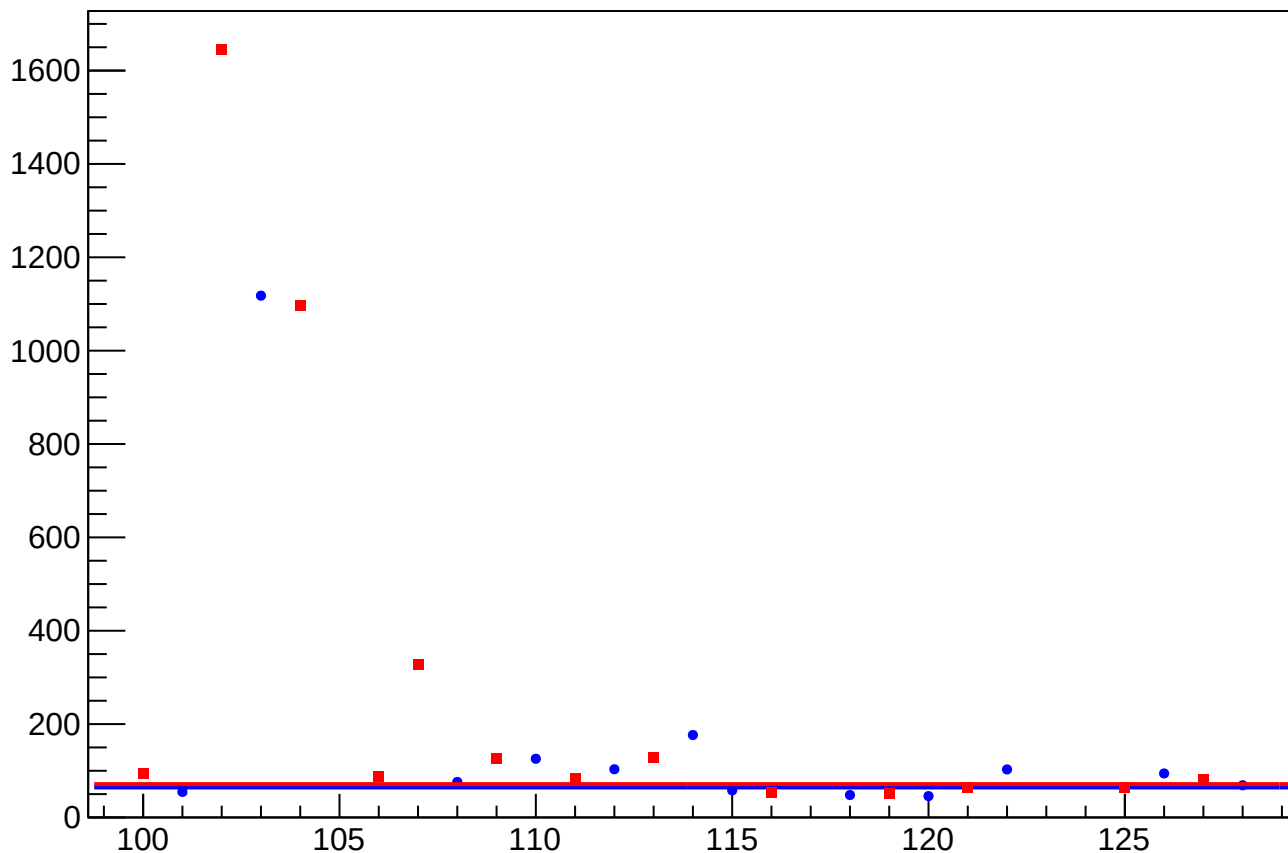
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.032 $\pm$ 0.027 χ^2 /NDF: 18.7/24

- 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: 64.249+/-0.025 χ^2/NDF : 1856826.0/11

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

Right Out: 71.440+/-0.029 χ^2/NDF : 2554199.7/12

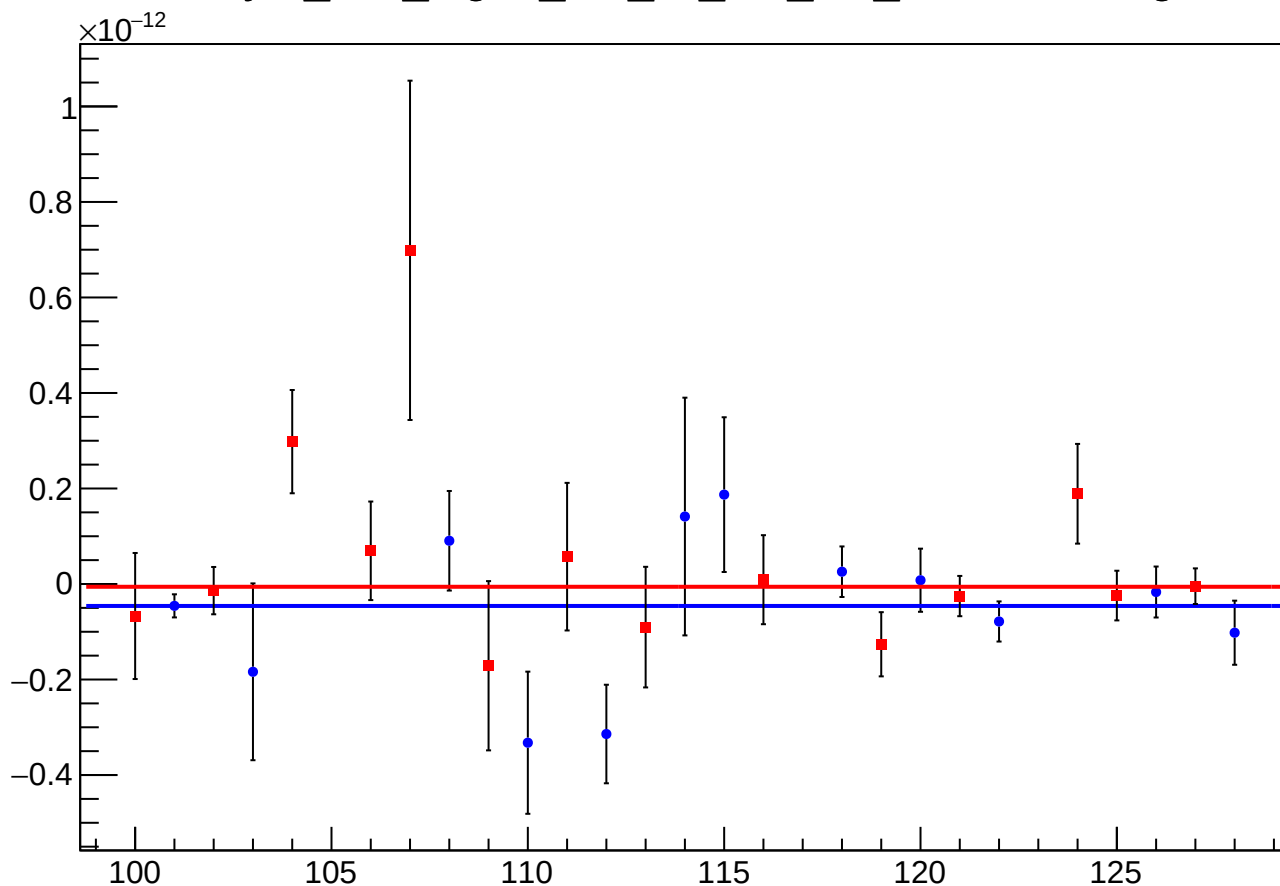
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.367+/-0.019 χ^2/NDF : 4447085.0/24

- 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 : 19.5/11

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

Right Out: -0.000+/-0.000 χ^2/NDF : 21.1/13

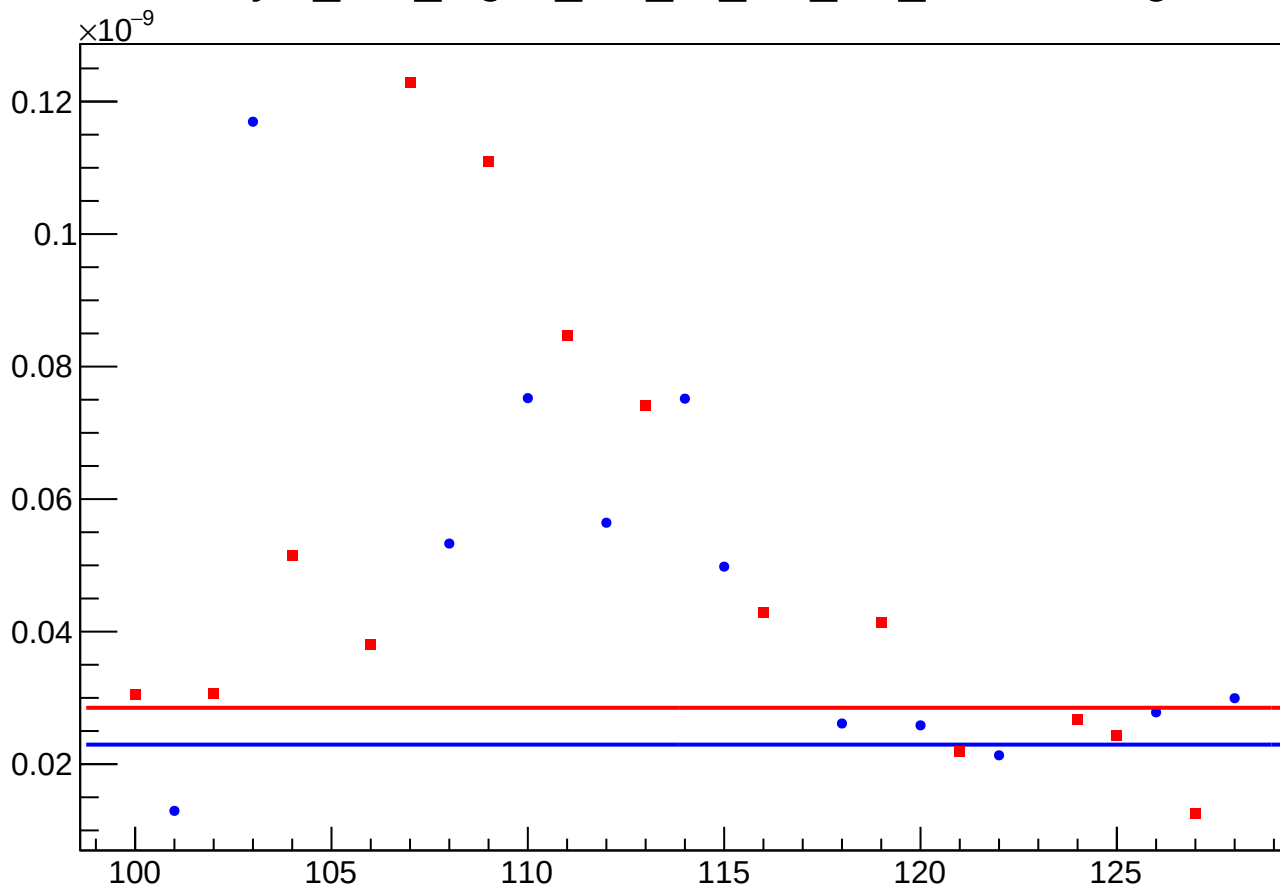
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 43.2/25

- 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 : 1679531.5/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1760576.2/13

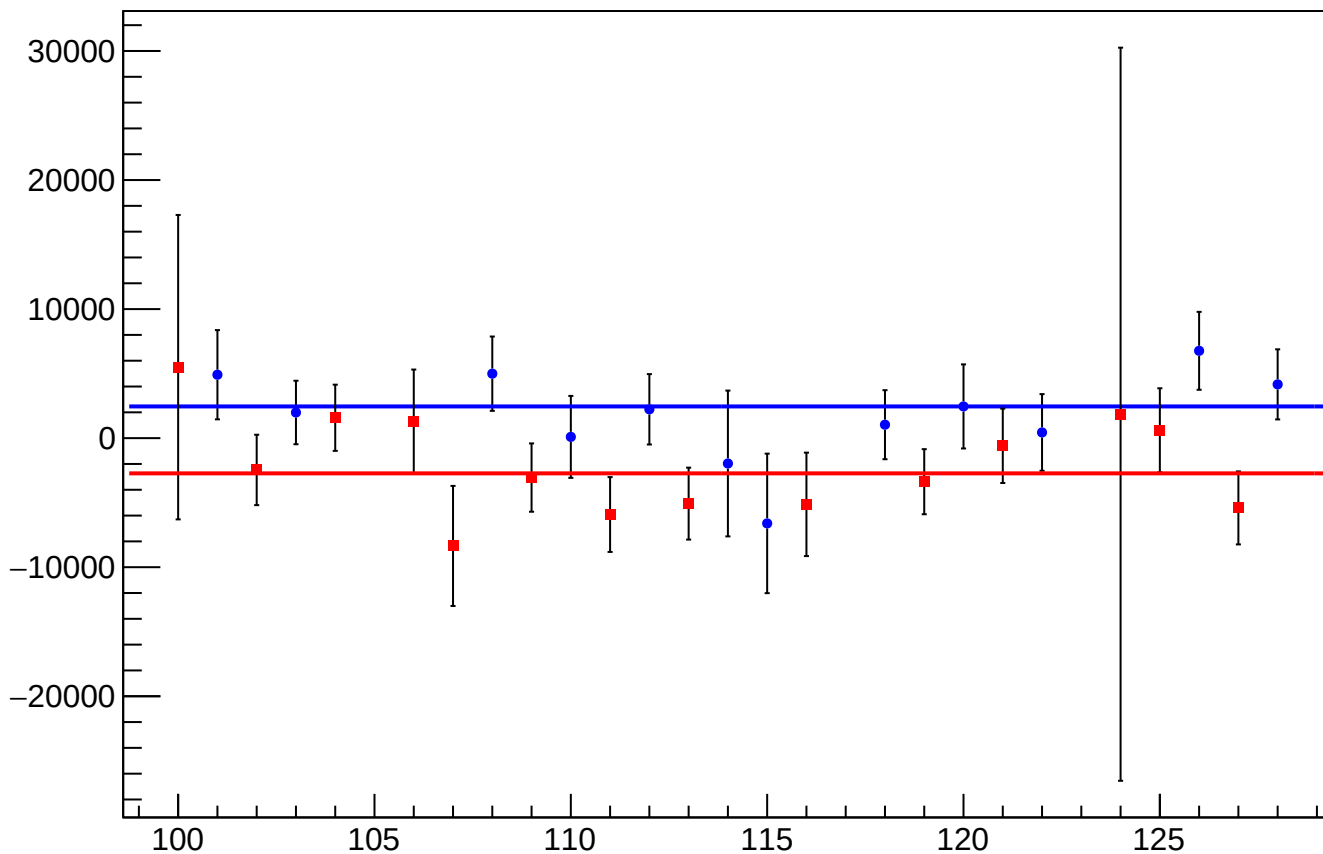
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3540640.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_mean vs Slug



Right In: 2456.930+/-890.288 χ^2/NDF : 8.5/11

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

Right Out: -2729.171+/-859.971 χ^2/NDF : 10.6/13

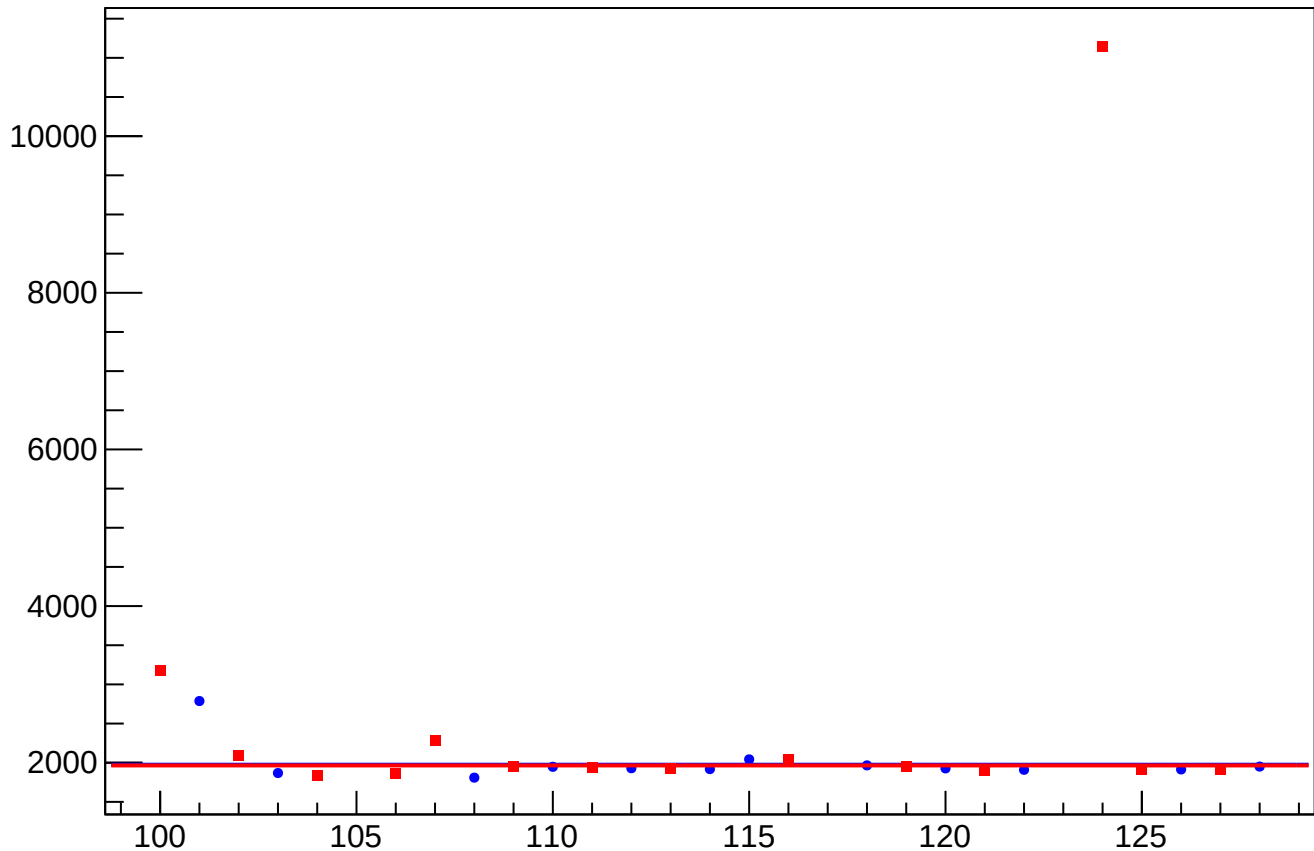
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -225.927+/-618.531 χ^2/NDF : 36.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_rms vs Slug



Right In: 1974.208 $\pm$ 0.630 χ^2 /NDF: 124444.3/11

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

Right Out: 1965.252 $\pm$ 0.608 χ^2 /NDF: 253684.3/13

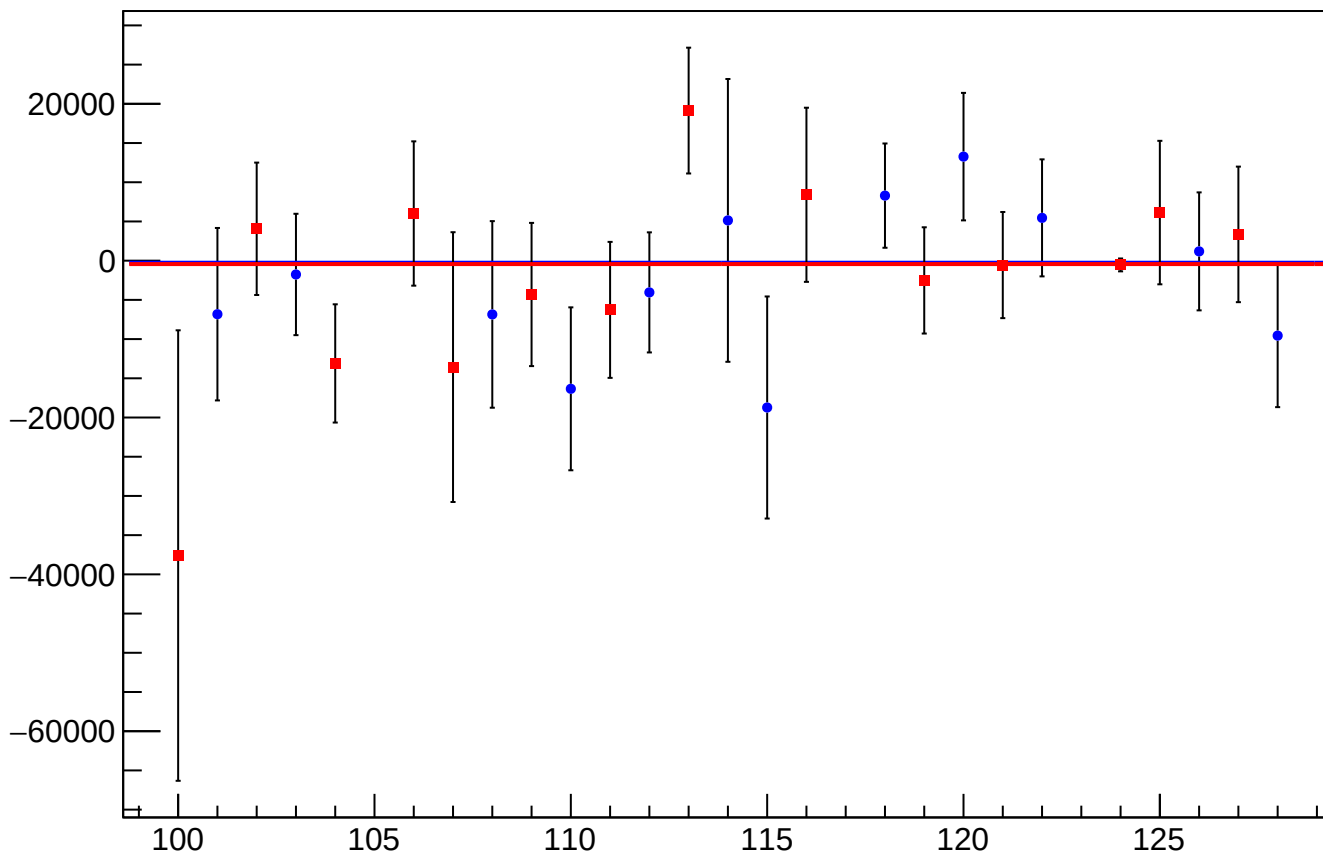
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1969.575 $\pm$ 0.437 χ^2 /NDF: 378233.3/25

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

asym_atl2_reg_correction_mean vs Slug



Right In: -262.413+/-2566.152 χ^2/NDF : 11.2/11

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

Right Out: -434.873+/-777.729 χ^2/NDF : 13.9/13

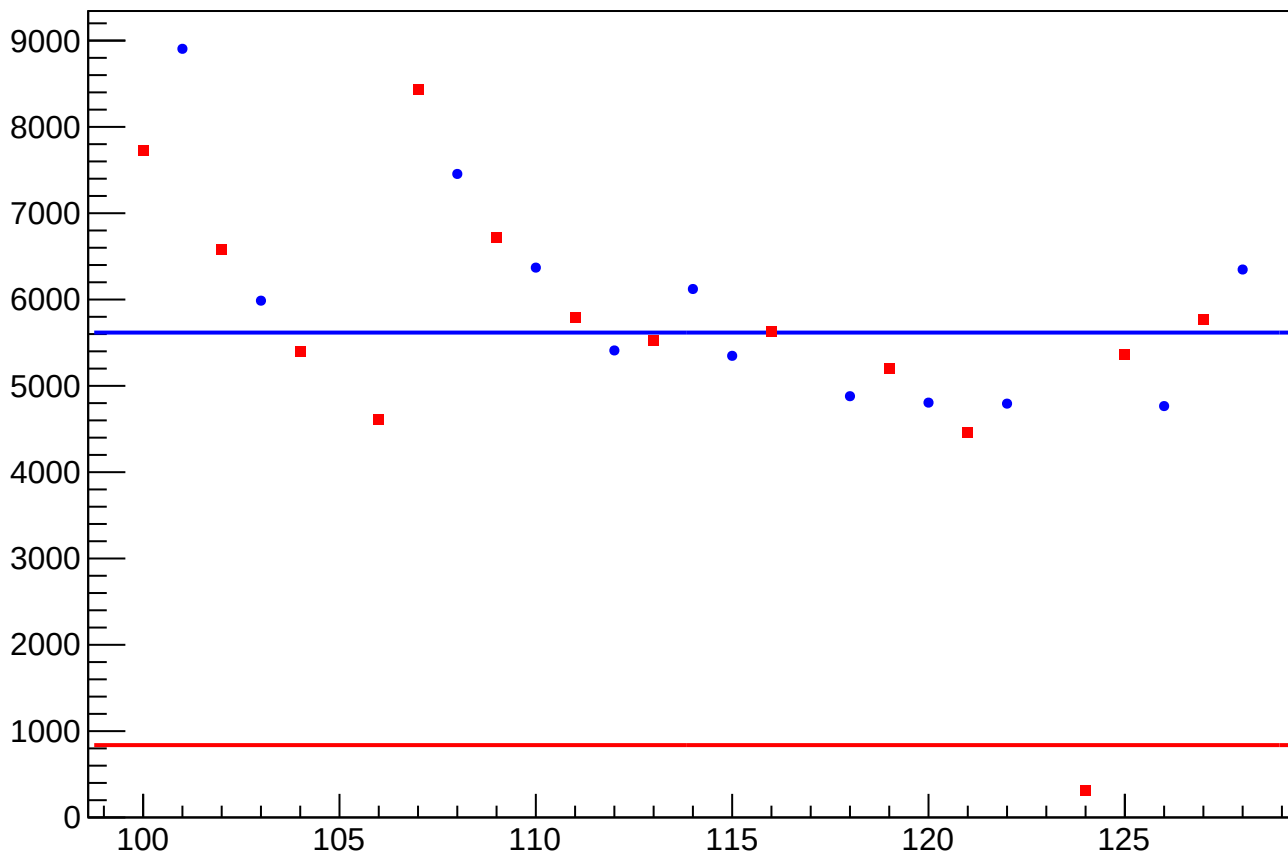
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -420.364+/-744.297 χ^2/NDF : 25.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_reg_correction_rms vs Slug



Right In: 5617.273+/-1.815 χ^2/NDF : 352646.7/11

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

Right Out: 838.121+/-0.550 χ^2/NDF : 8401940.2/13

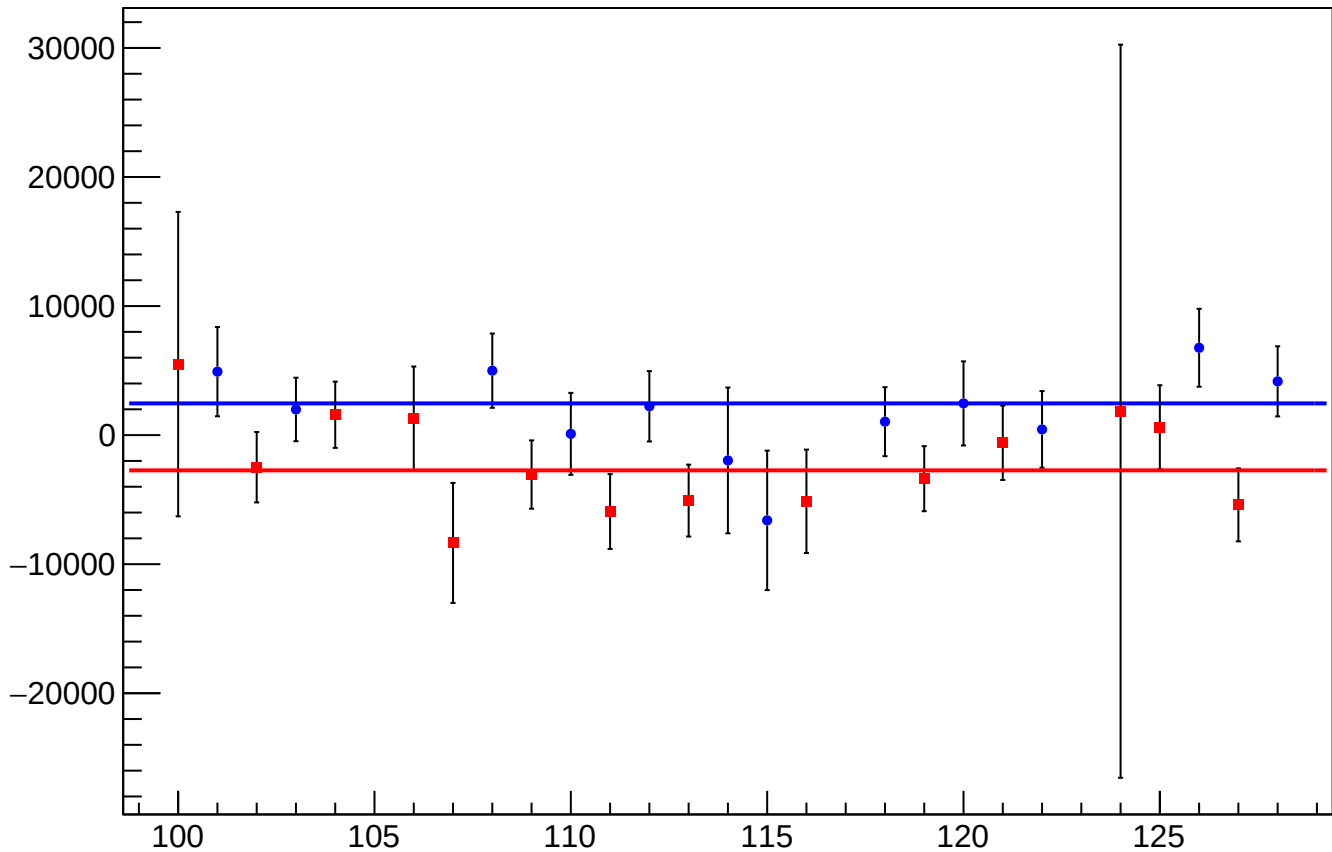
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1240.169+/-0.526 χ^2/NDF : 15107941.7/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl2_mean vs Slug



Right In: 2457.172 $\pm$ 890.288 χ^2 /NDF: 8.5/11

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

Right Out: -2731.528 $\pm$ 859.982 χ^2 /NDF: 10.6/13

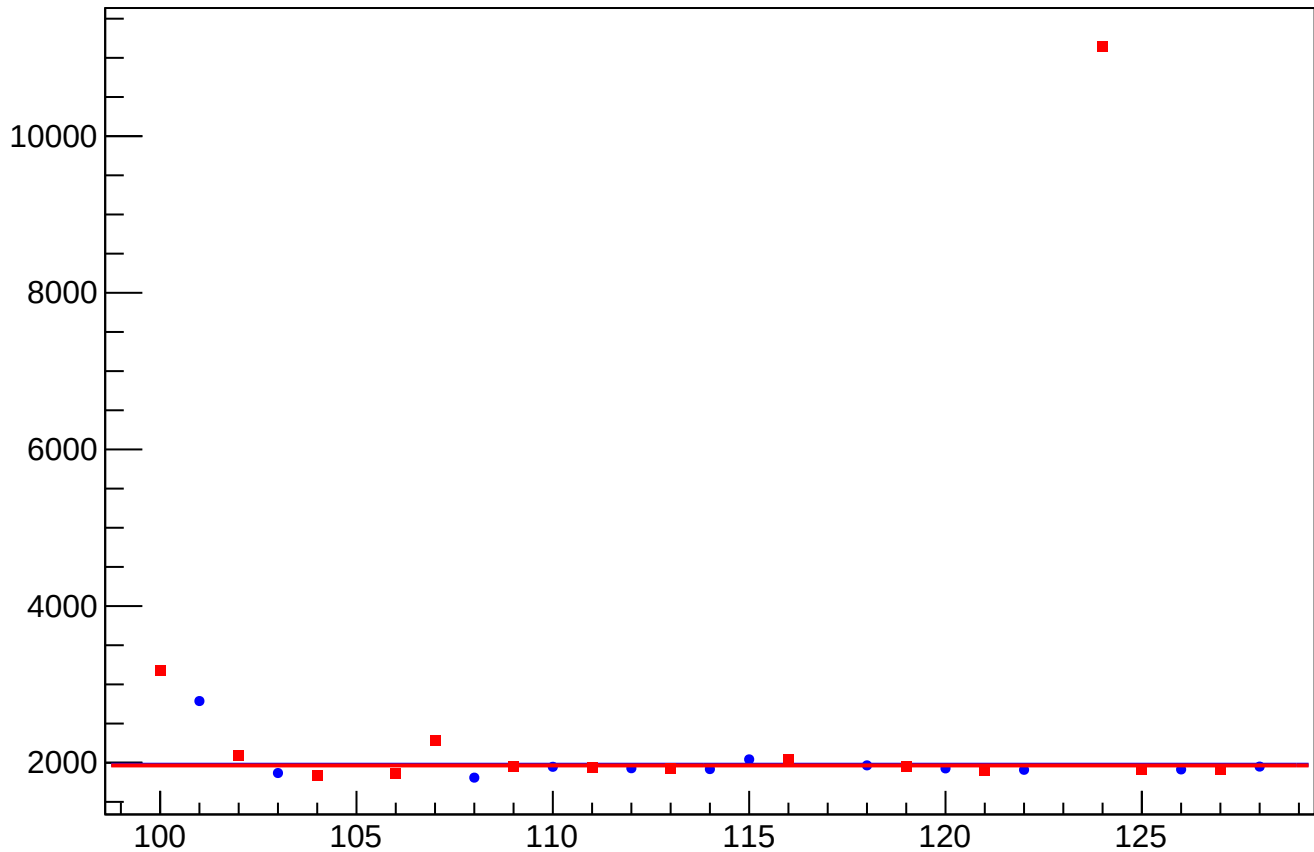
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -226.996 $\pm$ 618.536 χ^2 /NDF: 36.7/25

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

cor_asym_atl2_rms vs Slug



Right In: 1974.208+/-0.630 χ^2/NDF : 124444.0/11

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

Right Out: 1965.278+/-0.608 χ^2/NDF : 253704.2/13

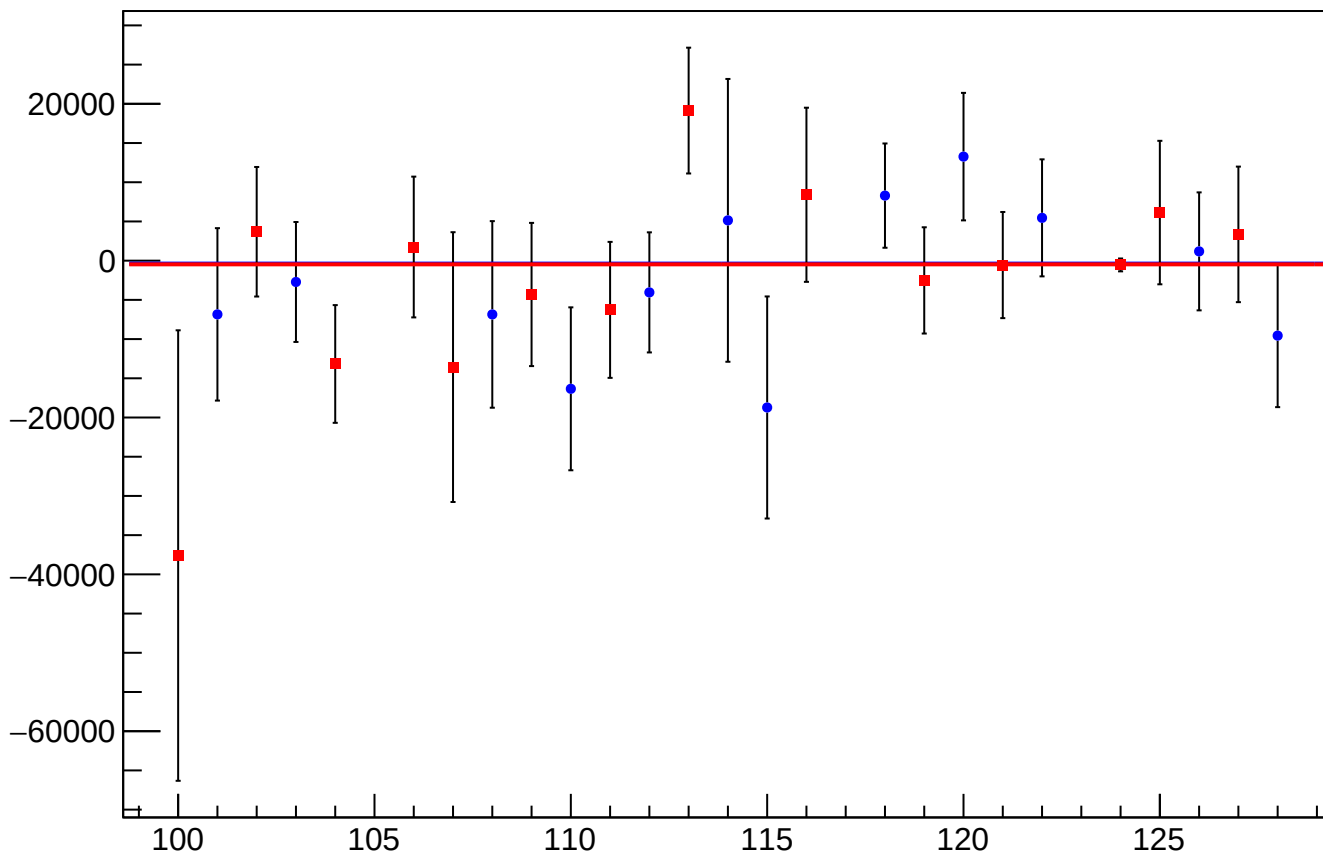
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1969.589+/-0.437 χ^2/NDF : 378252.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_cor_correction_mean vs Slug



Right In: -374.953+/-2562.792 χ^2/NDF : 11.3/11

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

Right Out: -469.057+/-777.376 χ^2/NDF : 13.5/13

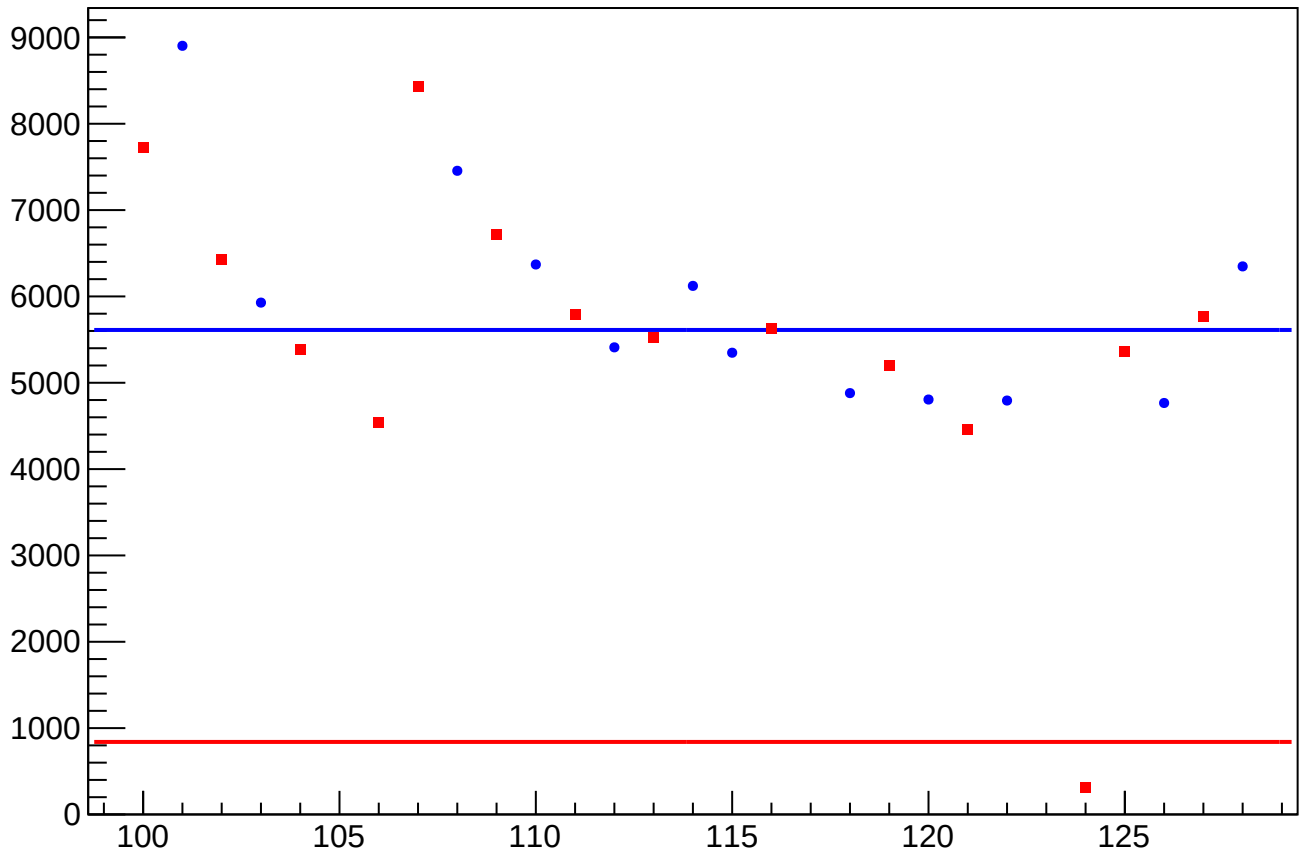
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -461.128+/-743.906 χ^2/NDF : 24.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_cor_correction_rms vs Slug



Right In: 5611.621+/-1.812 χ^2/NDF : 351244.6/11

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

Right Out: 840.023+/-0.550 χ^2/NDF : 8399857.4/13

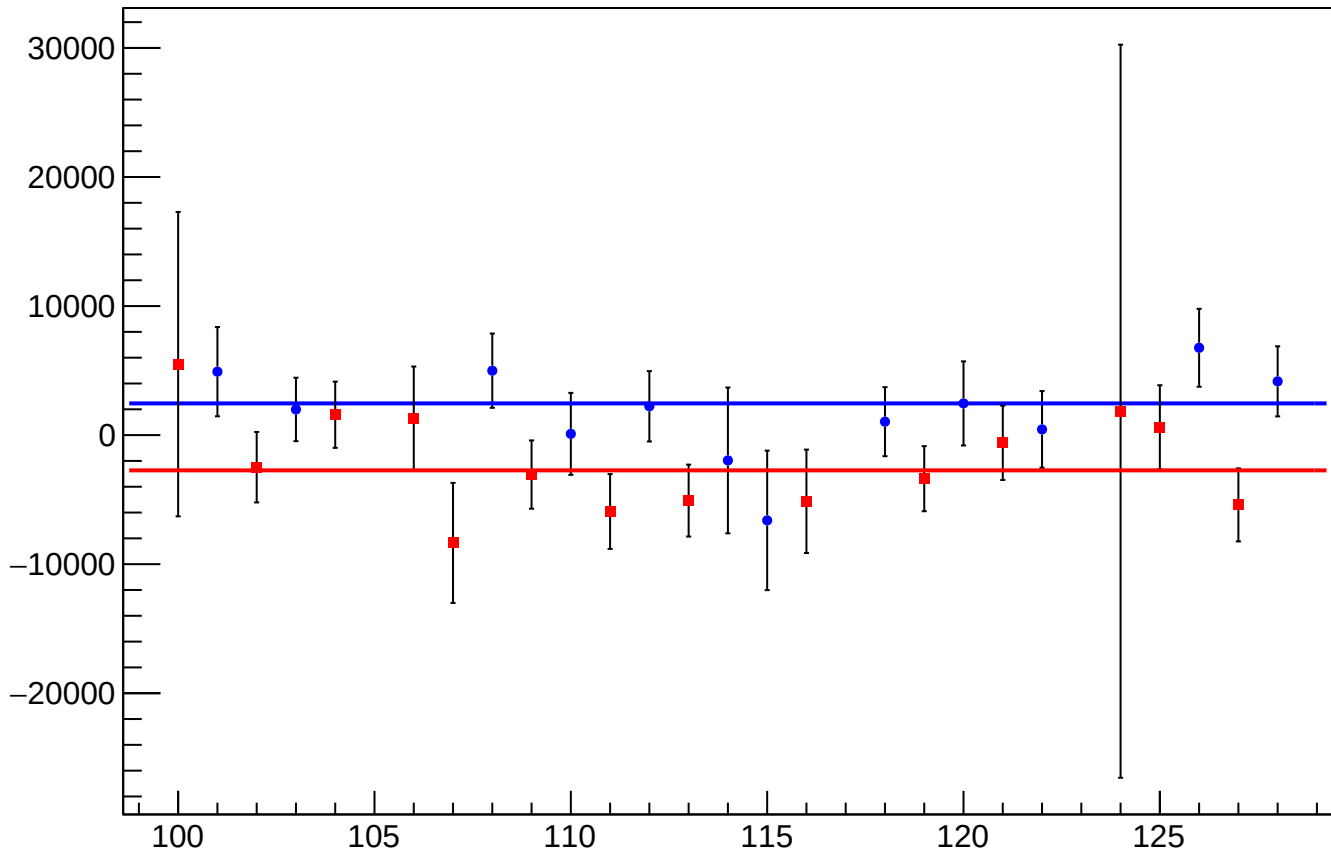
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1242.067+/-0.526 χ^2/NDF : 15100085.3/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl2_mean vs Slug



Right In: 2457.172 $\pm$ 890.288 χ^2 /NDF: 8.5/11

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

Right Out: -2731.528 $\pm$ 859.982 χ^2 /NDF: 10.6/13

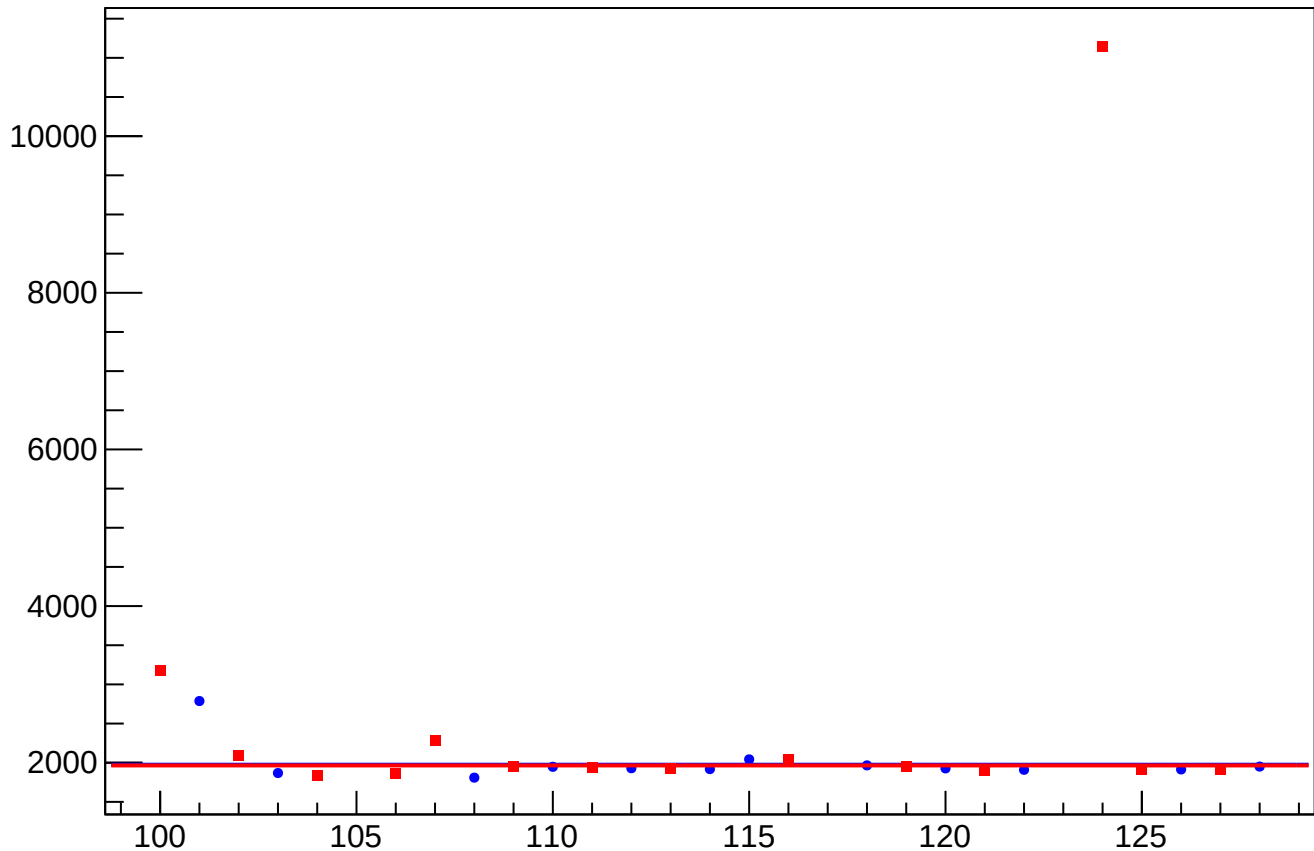
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -226.996 $\pm$ 618.536 χ^2 /NDF: 36.7/25

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

eigen_cor_asym_atl2_rms vs Slug



Right In: 1974.208+/-0.630 χ^2/NDF : 124444.0/11

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

Right Out: 1965.278+/-0.608 χ^2/NDF : 253704.2/13

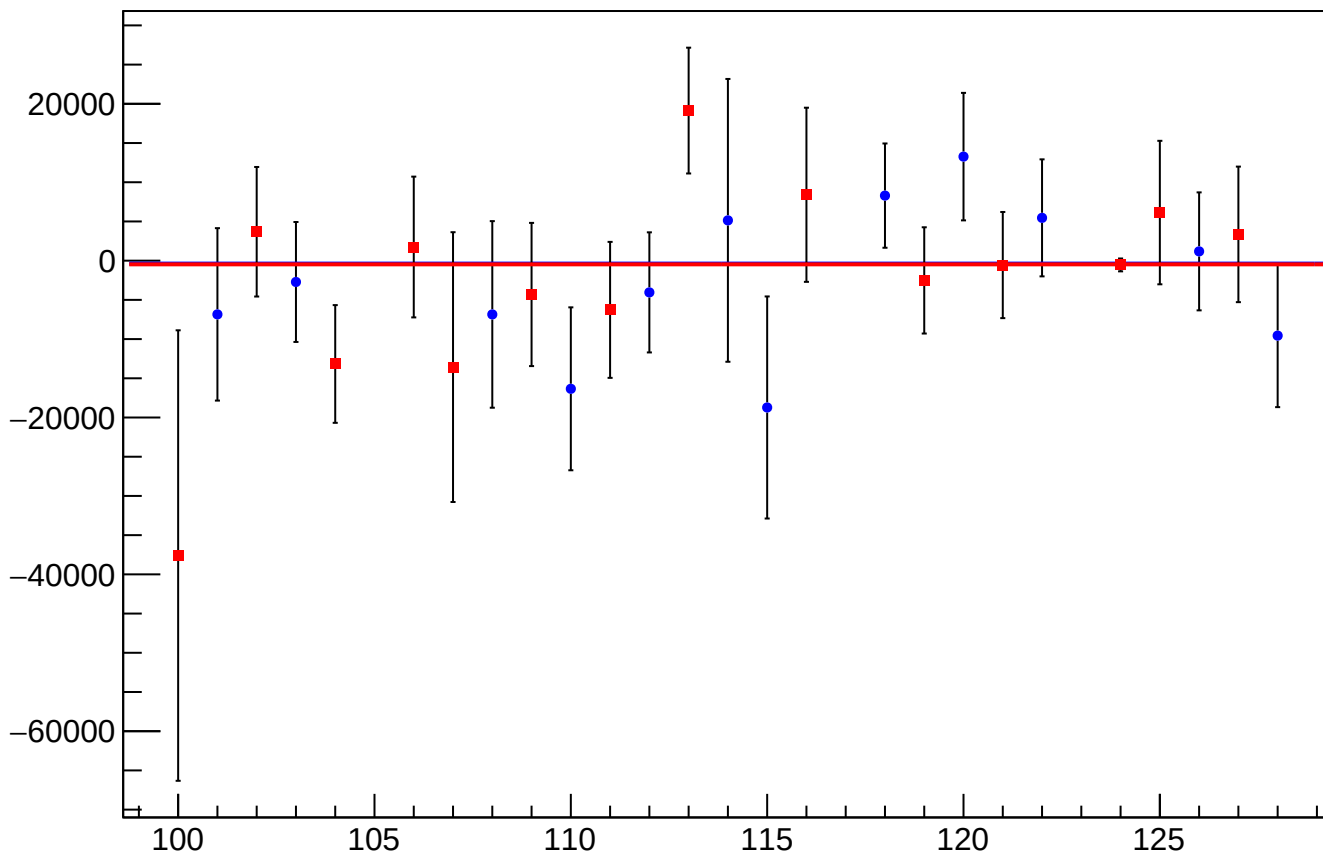
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1969.589+/-0.437 χ^2/NDF : 378252.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_cor_correction_mean vs Slug



Right In: -374.953+/-2562.792 χ^2/NDF : 11.3/11

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

Right Out: -469.057+/-777.376 χ^2/NDF : 13.5/13

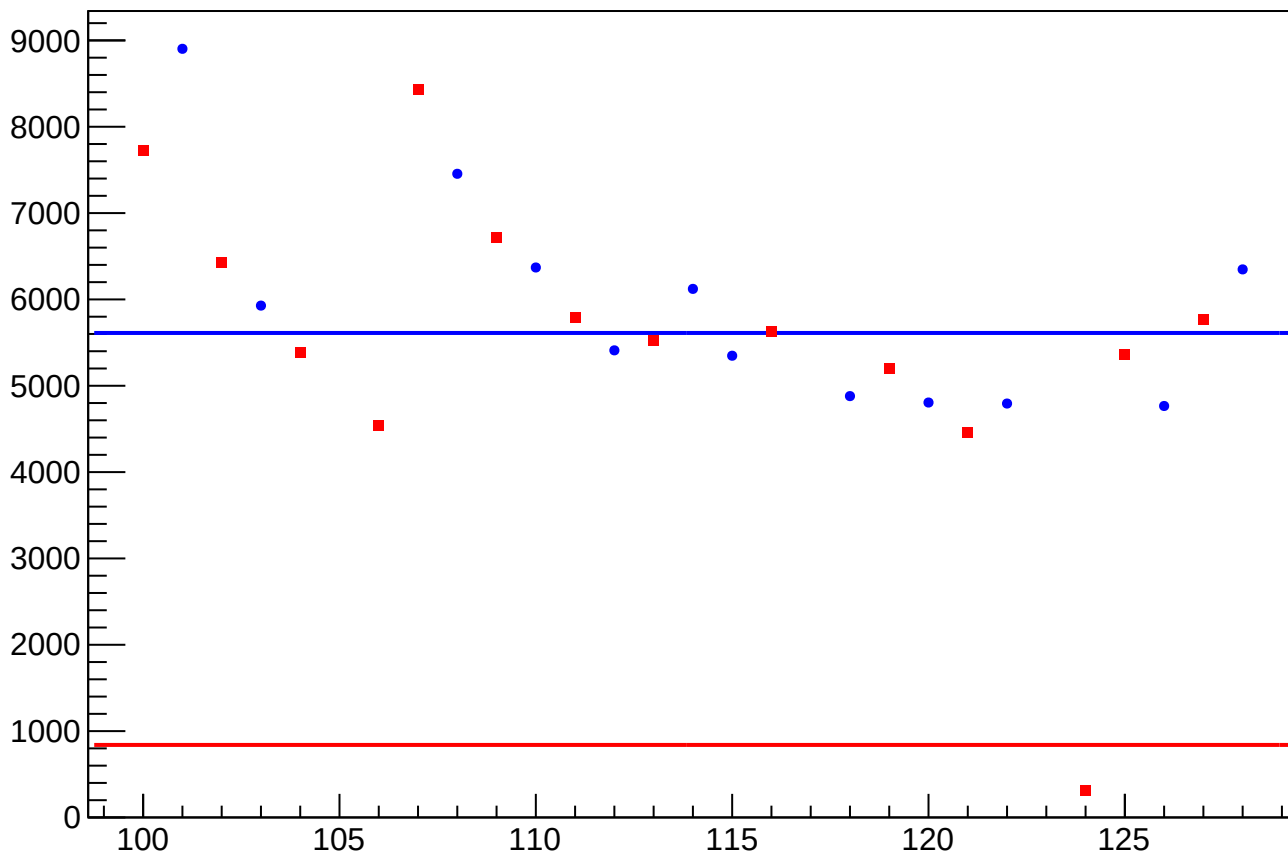
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -461.128+/-743.906 χ^2/NDF : 24.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_cor_correction_rms vs Slug



Right In: 5611.621+/-1.812 χ^2/NDF : 351244.6/11

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

Right Out: 840.023+/-0.550 χ^2/NDF : 8399857.4/13

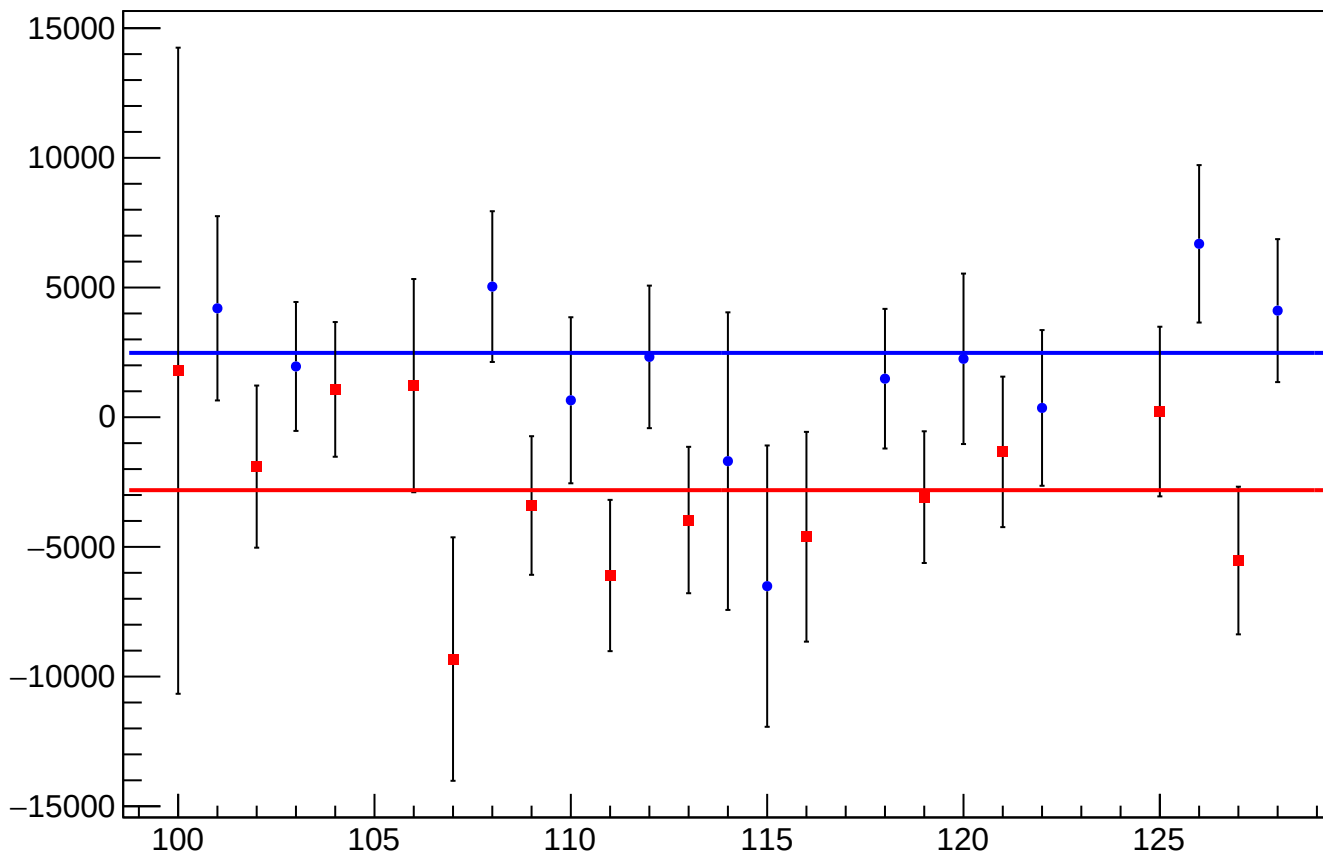
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1242.067+/-0.526 χ^2/NDF : 15100085.3/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl2_mean vs Slug



Right In: 2480.029 $\pm$ 899.626 χ^2 /NDF: 7.6/11

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

Right Out: -2813.010 $\pm$ 878.167 χ^2 /NDF: 9.1/12

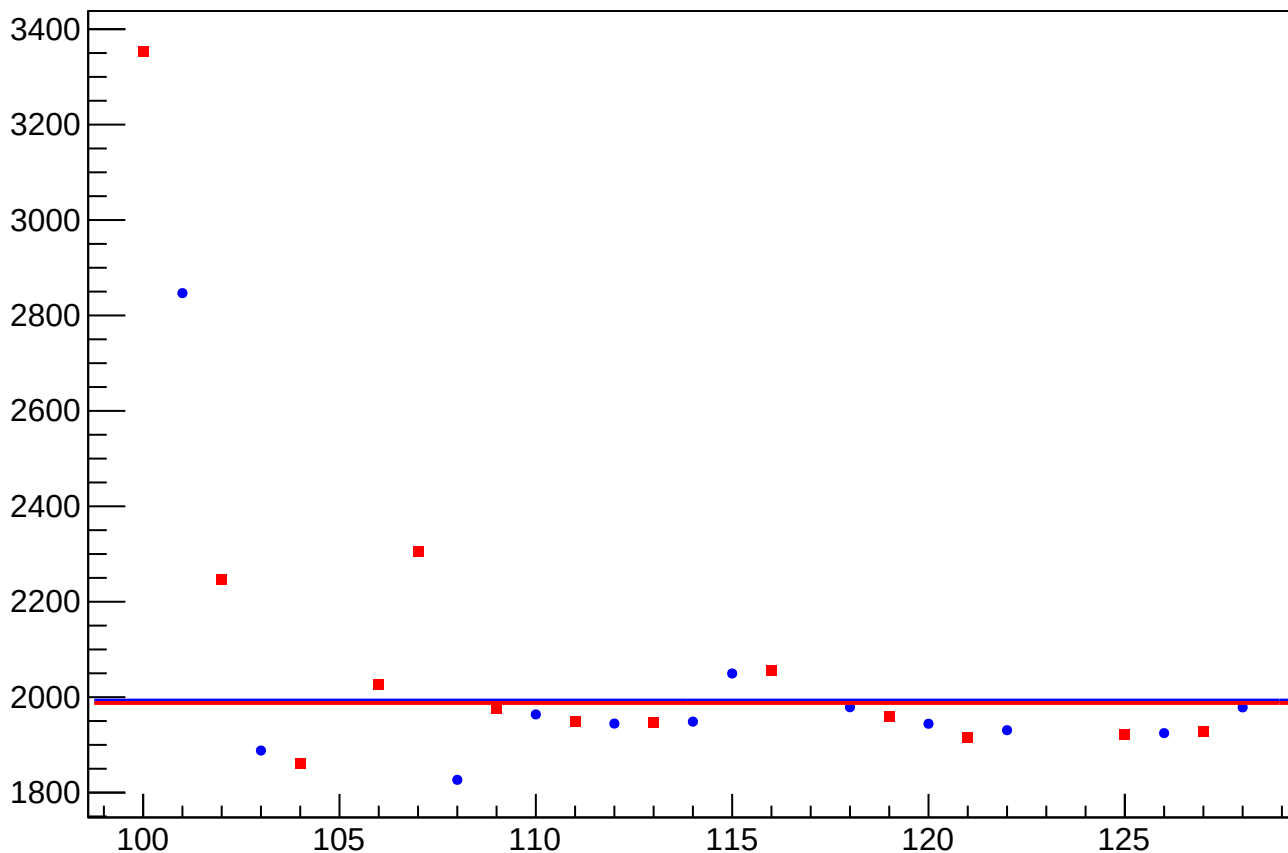
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -230.372 $\pm$ 628.407 χ^2 /NDF: 34.4/24

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

dit_asym_atl2_rms vs Slug



Right In: 1992.753+/-0.636 χ^2/NDF : 129182.9/11

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

Right Out: 1987.960+/-0.620 χ^2/NDF : 56401.5/12

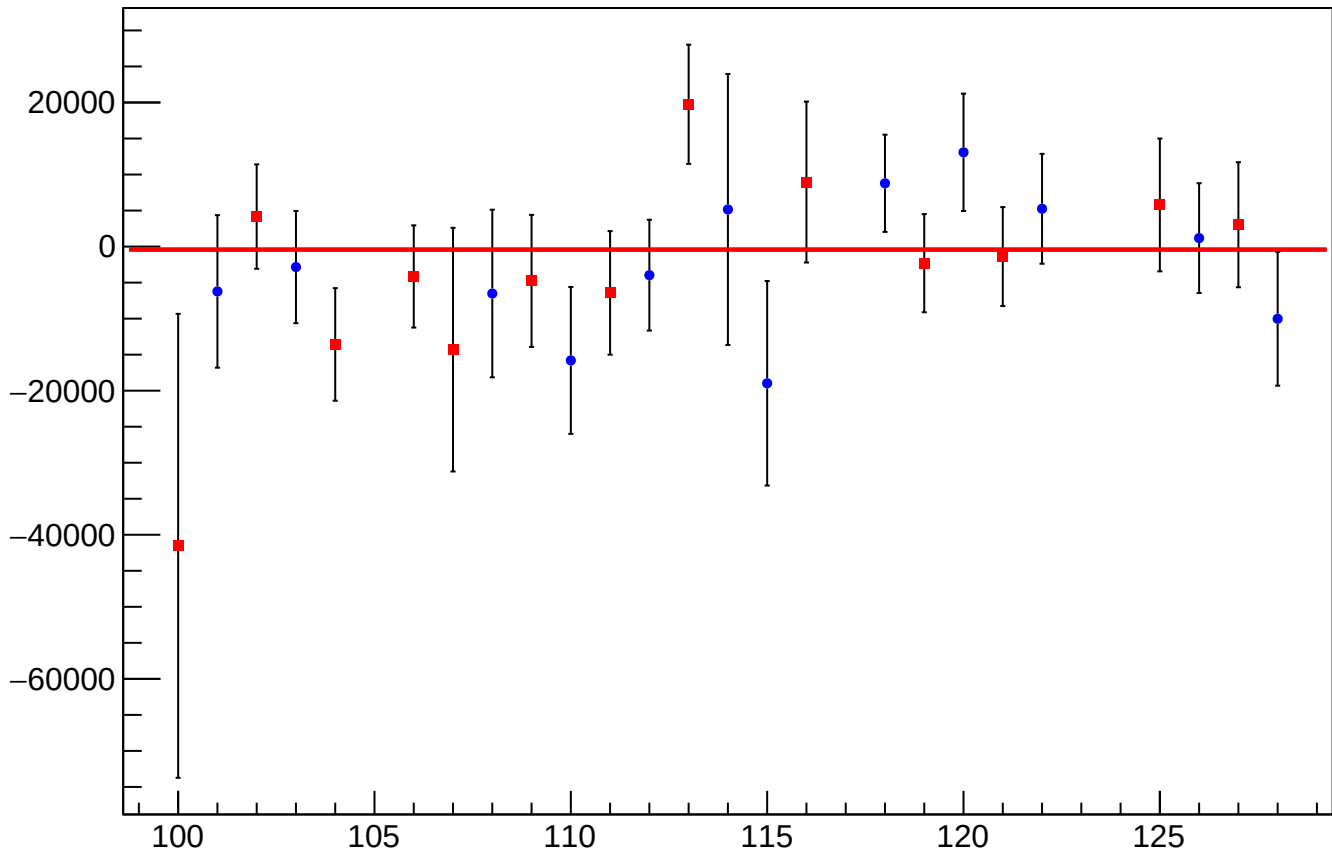
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1990.294+/-0.444 χ^2/NDF : 185613.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_dit_correction_mean vs Slug



Right In: -426.755+/-2580.256 χ^2/NDF : 11.2/11

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

Right Out: -397.369+/-2385.700 χ^2/NDF : 13.9/12

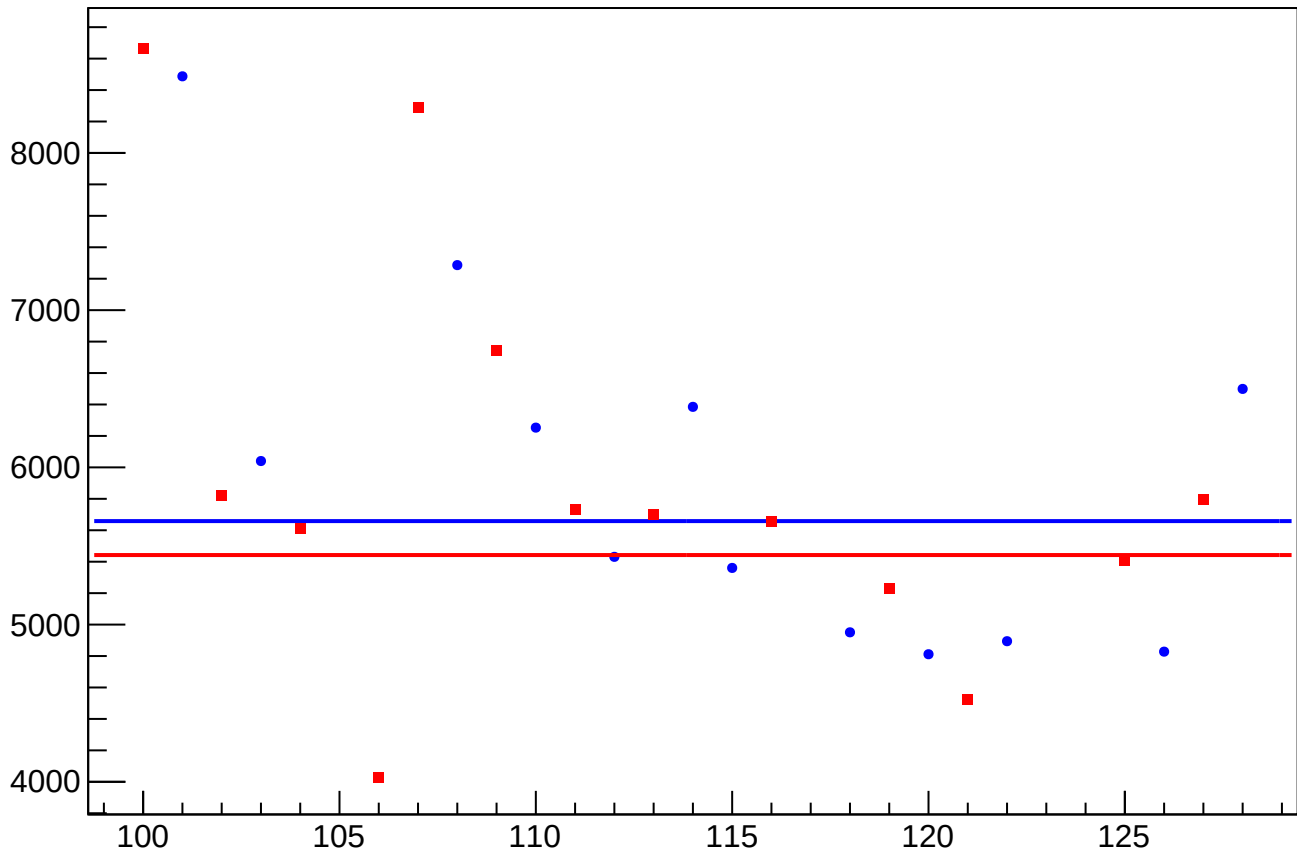
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -410.912+/-1751.692 χ^2/NDF : 25.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_dit_correction_rms vs Slug



Right In: 5658.301+/-1.825 χ^2/NDF : 303082.7/11

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

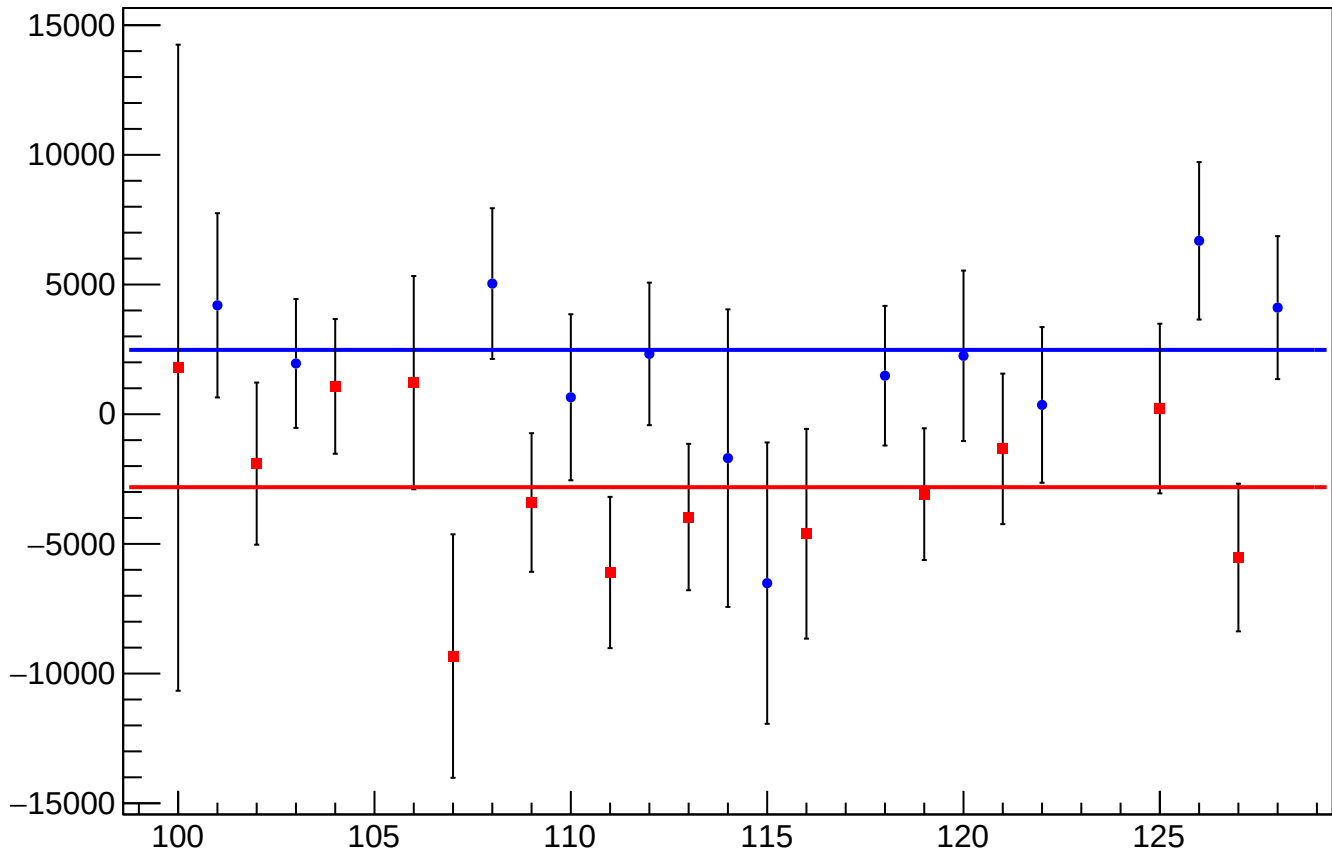
Right Out: 5442.347+/-1.687 χ^2/NDF : 248865.2/12

All: 5541.876+/-1.239 χ^2/NDF : 559500.8/24

- 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_atl2_mean vs Slug



Right In: 2480.039 $\pm$ 899.626 χ^2 /NDF: 7.6/11

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

Right Out: -2813.021 $\pm$ 878.167 χ^2 /NDF: 9.1/12

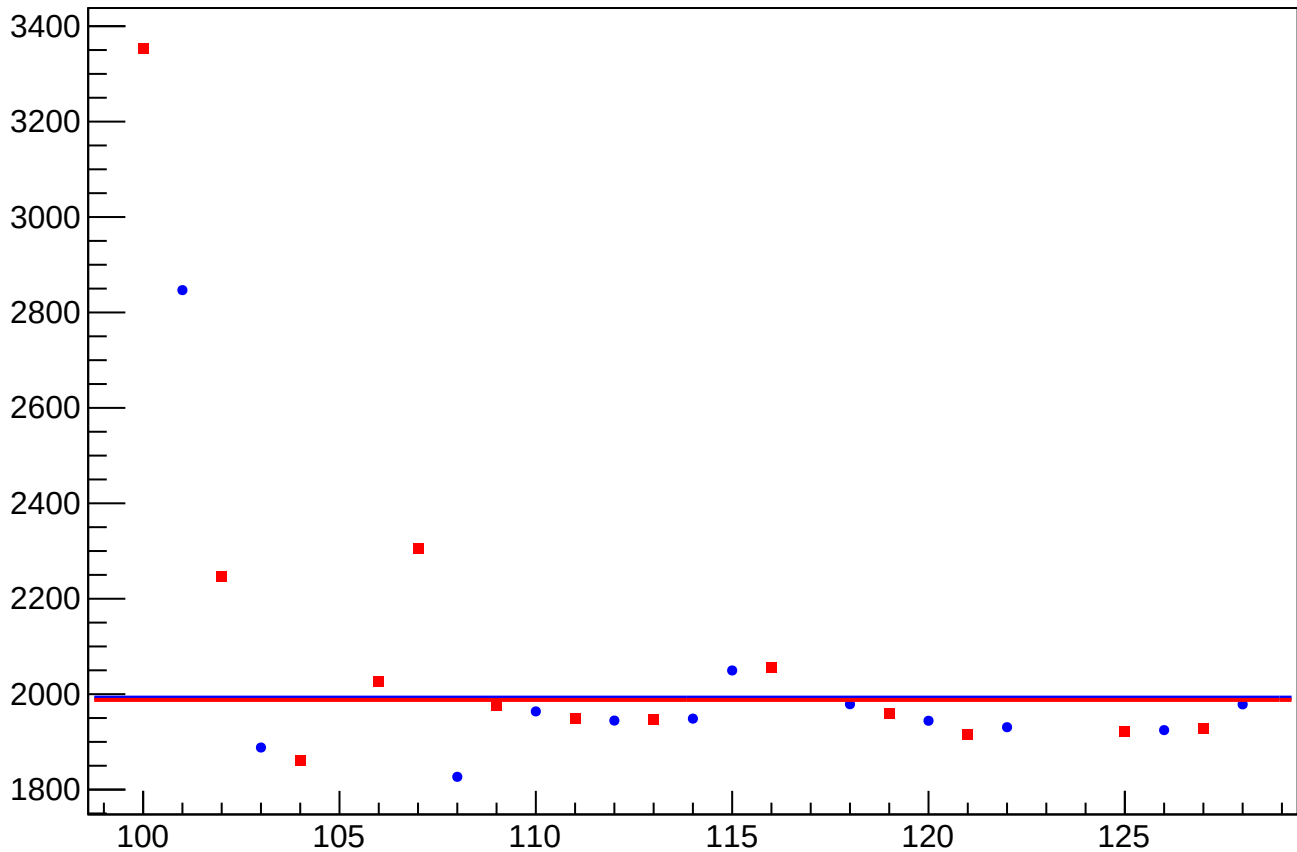
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -230.373 $\pm$ 628.407 χ^2 /NDF: 34.4/24

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

eigen_dit_asym_atl2_rms vs Slug



Right In: 1992.754+/-0.636 χ^2/NDF : 129182.6/11

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

Right Out: 1987.960+/-0.620 χ^2/NDF : 56401.5/12

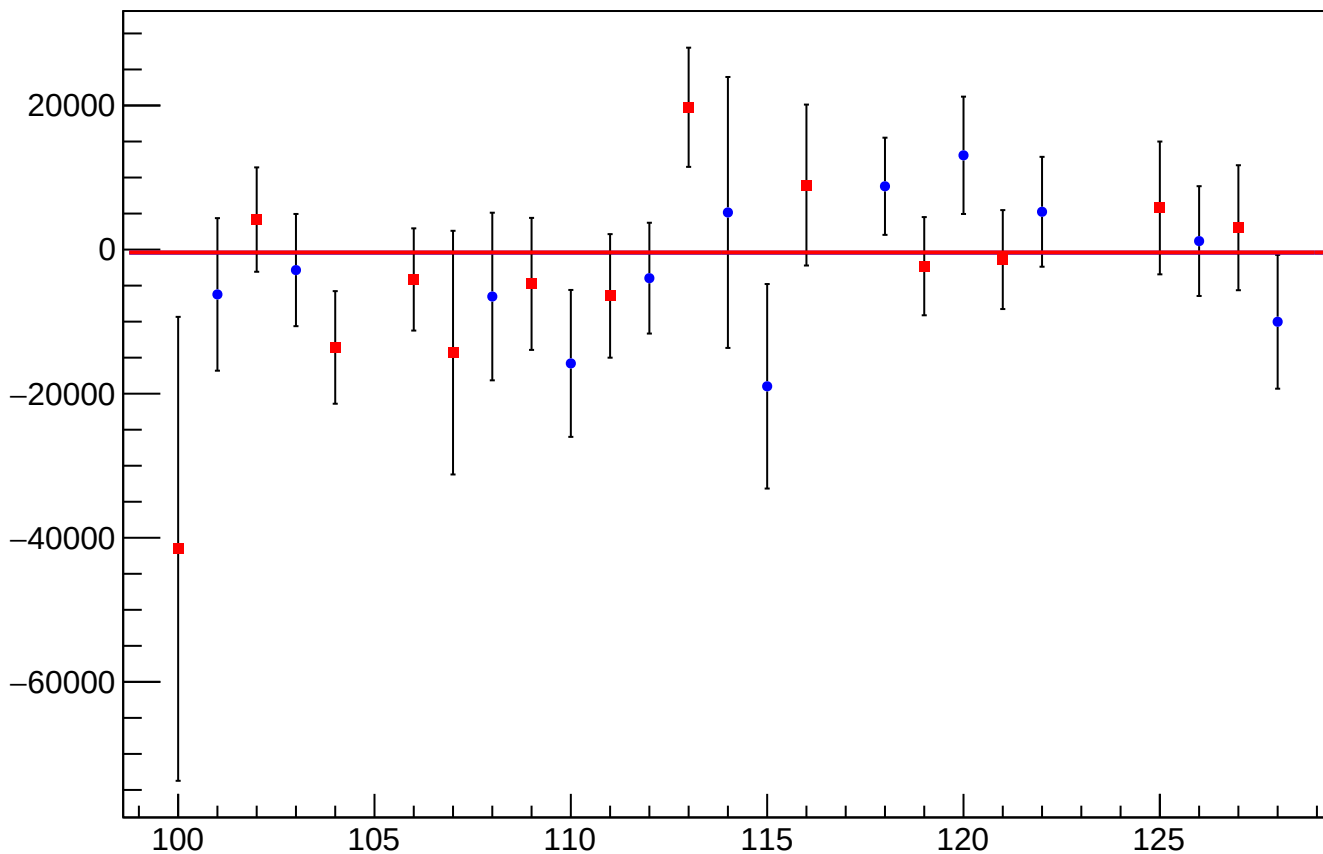
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1990.294+/-0.444 χ^2/NDF : 185613.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_correction_mean vs Slug



Right In: -426.744+/-2580.247 χ^2/NDF : 11.2/11

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

Right Out: -397.374+/-2385.693 χ^2/NDF : 13.9/12

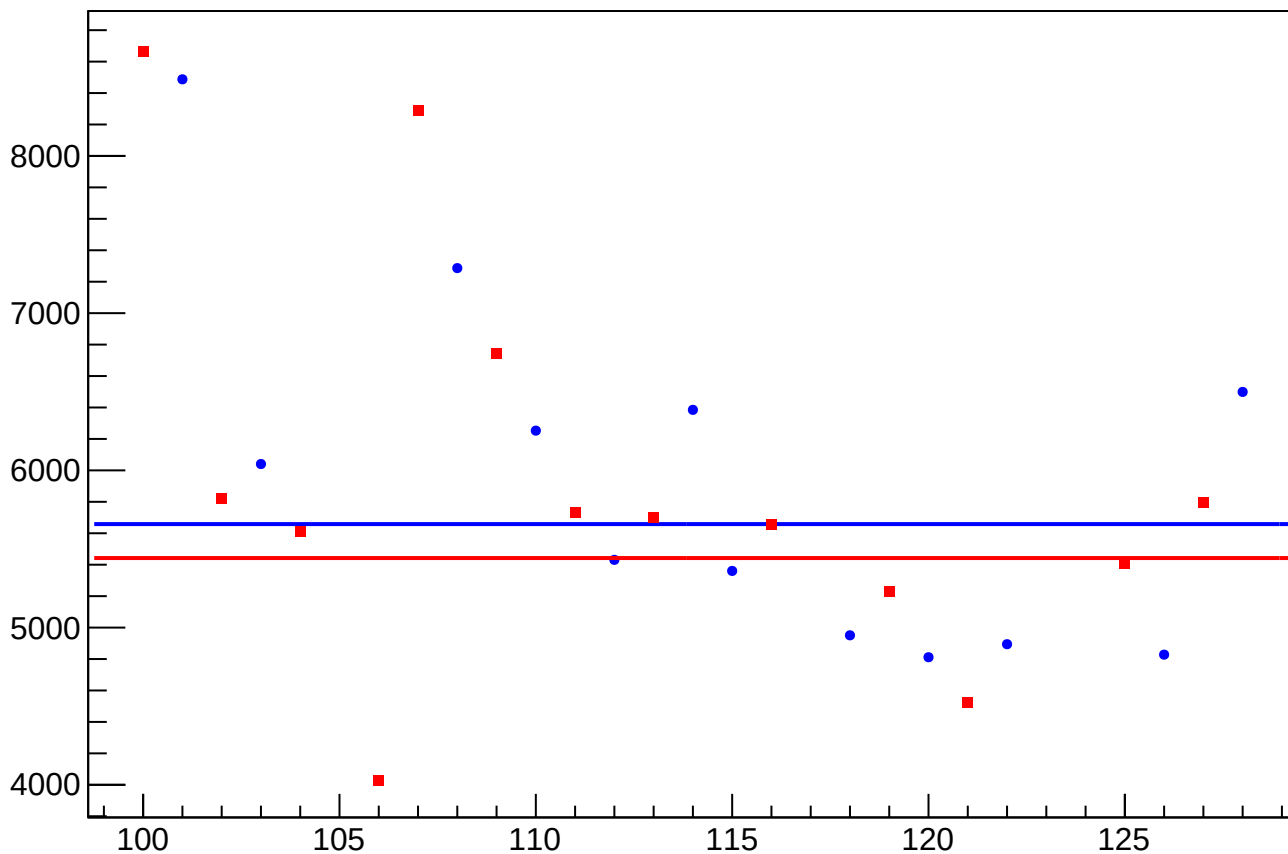
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -410.910+/-1751.686 χ^2/NDF : 25.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_correction_rms vs Slug



Right In: 5658.279+/-1.825 χ^2/NDF : 303086.0/11

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

Right Out: 5442.330+/-1.687 χ^2/NDF : 248866.4/12

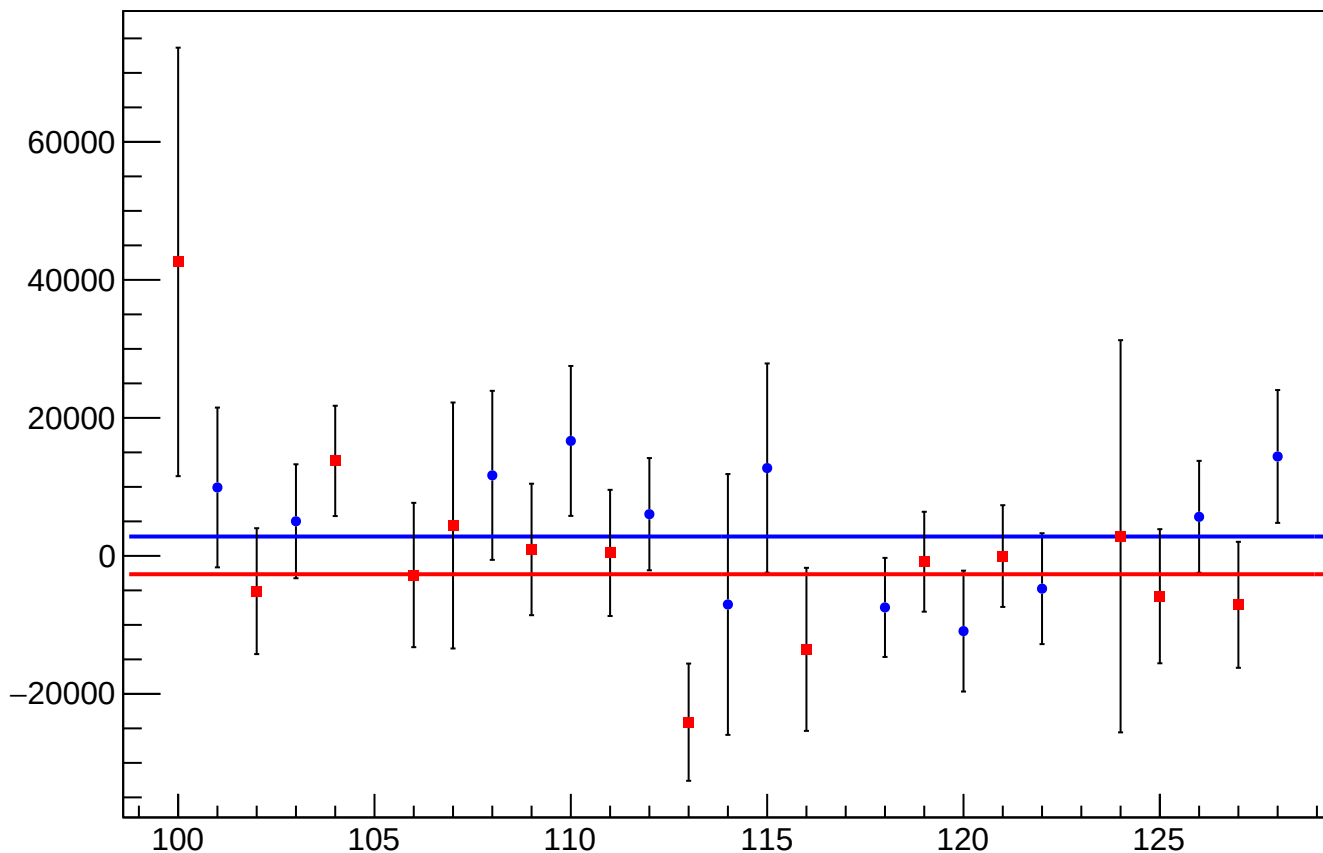
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5541.857+/-1.239 χ^2/NDF : 559504.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_mean vs Slug



Right In: 2806.222+/-2737.264 χ^2/NDF : 10.4/11

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

Right Out: -2659.493+/-2614.532 χ^2/NDF : 14.6/13

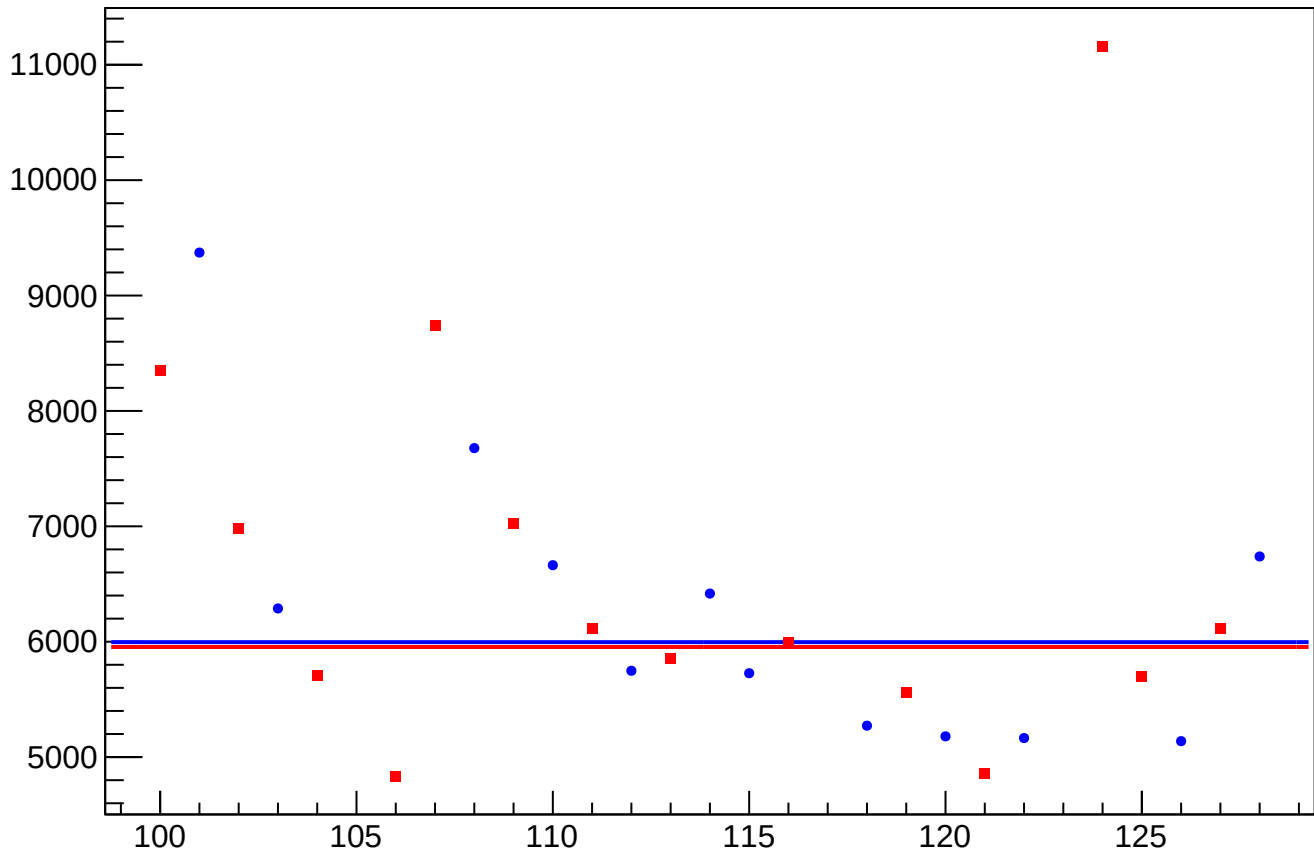
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.915+/-1890.653 χ^2/NDF : 27.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_rms vs Slug



Right In: 5996.068+/-1.936 χ^2/NDF : 314657.2/11

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

Right Out: 5954.042+/-1.849 χ^2/NDF : 255869.1/13

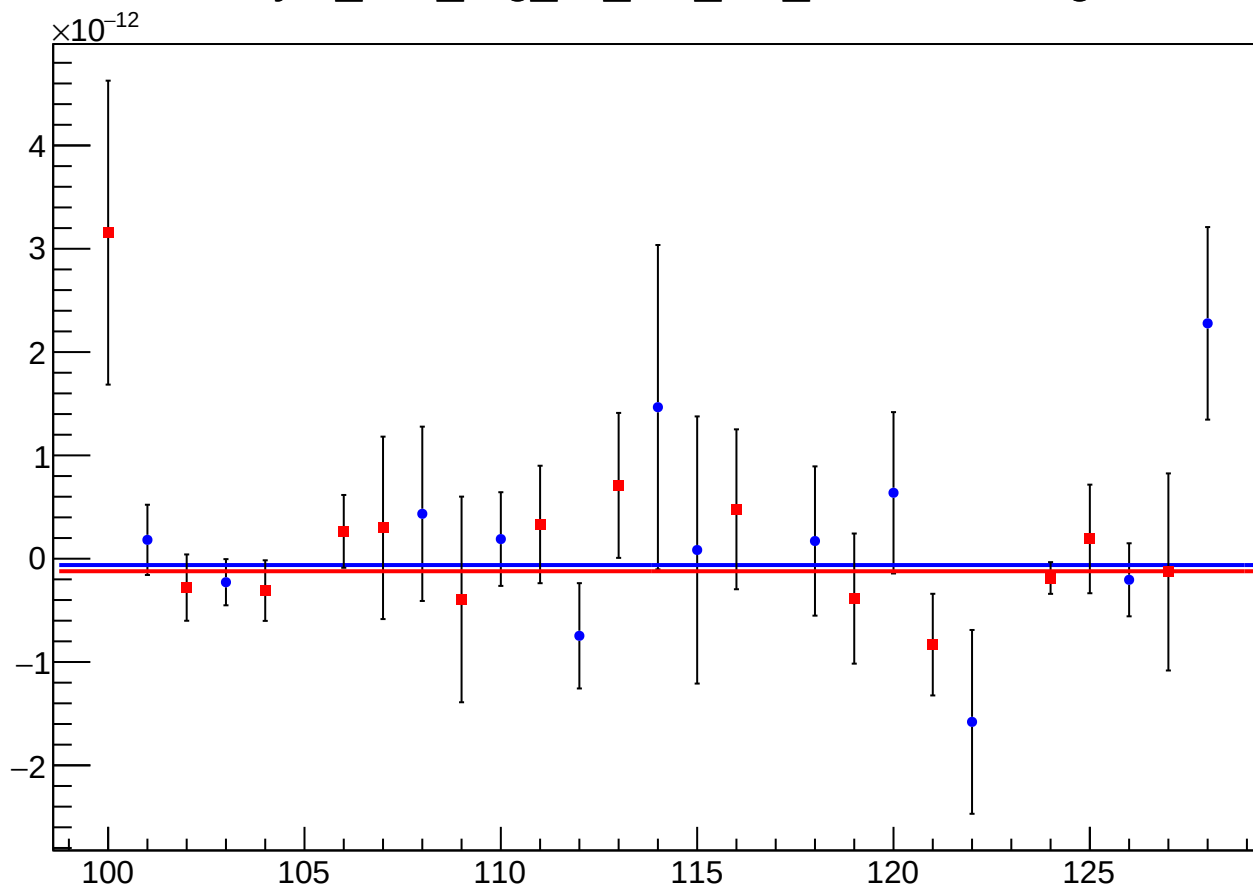
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5974.092+/-1.337 χ^2/NDF : 570772.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 14.8/11

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

Right Out: -0.000 ± 0.000 χ^2/NDF : 12.6/13

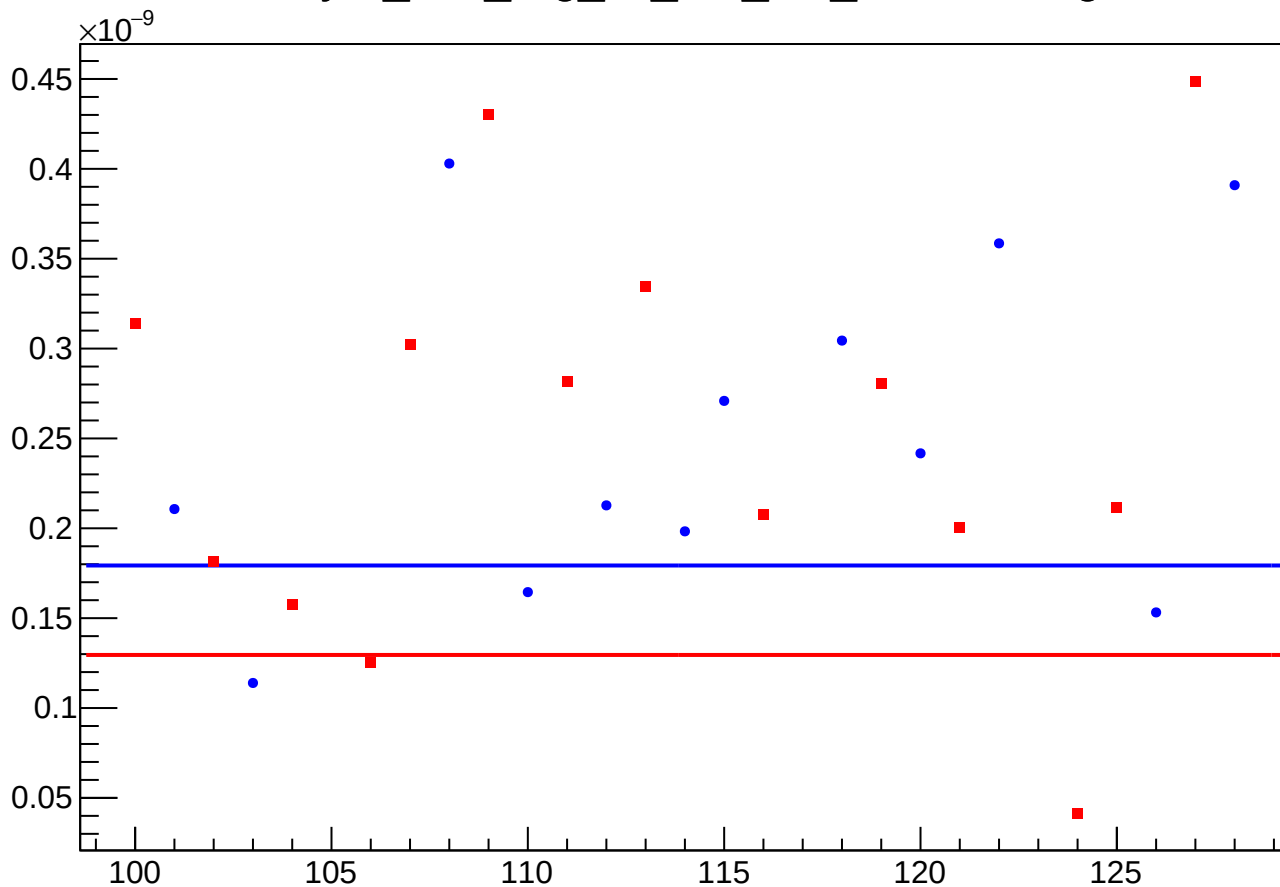
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 27.4/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl2_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 617657.0/11

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

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 1788455.2/13

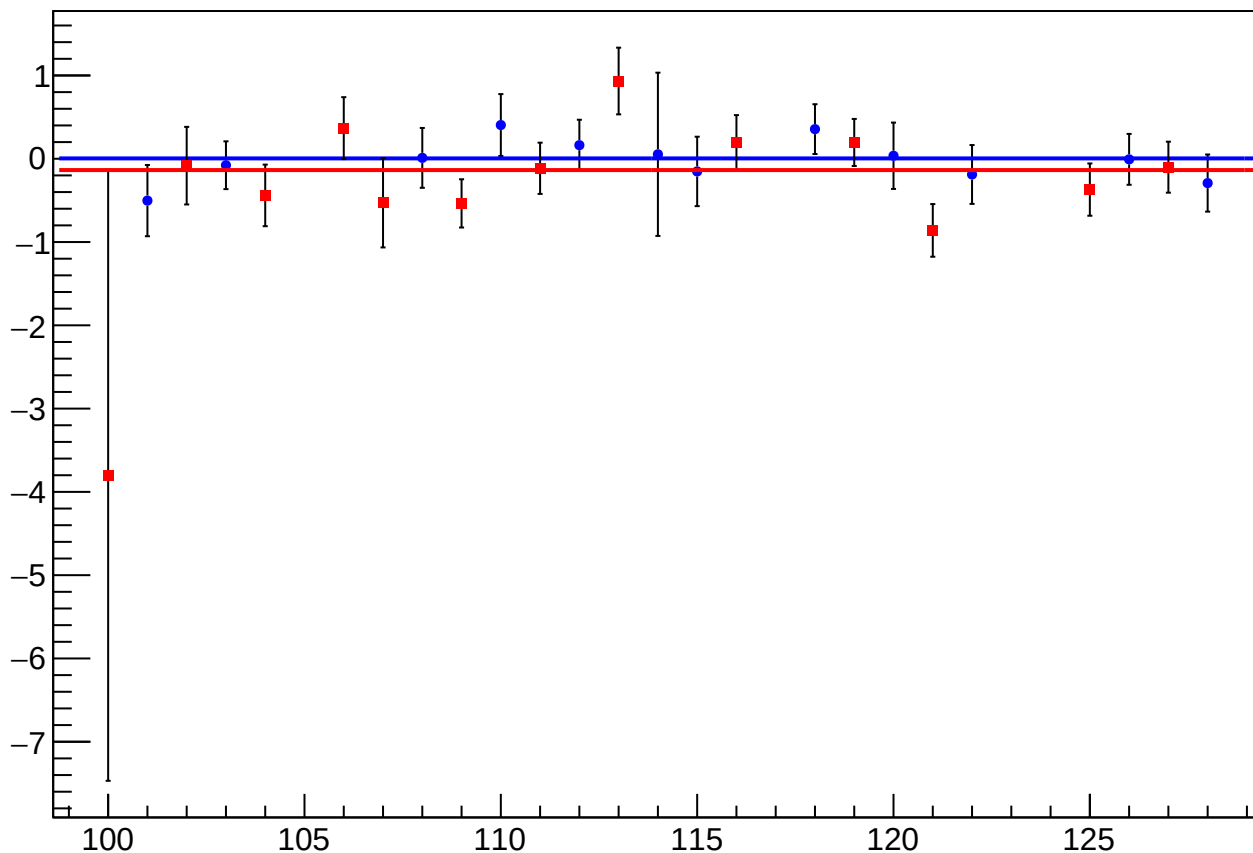
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2/NDF : 2574760.4/25

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

asym_atl2_dit_vs_cor_diff_mean vs Slug



Right In: 0.004 $\pm$ 0.103 χ^2 /NDF: 5.5/11

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

Right Out: -0.136 $\pm$ 0.098 χ^2 /NDF: 21.3/12

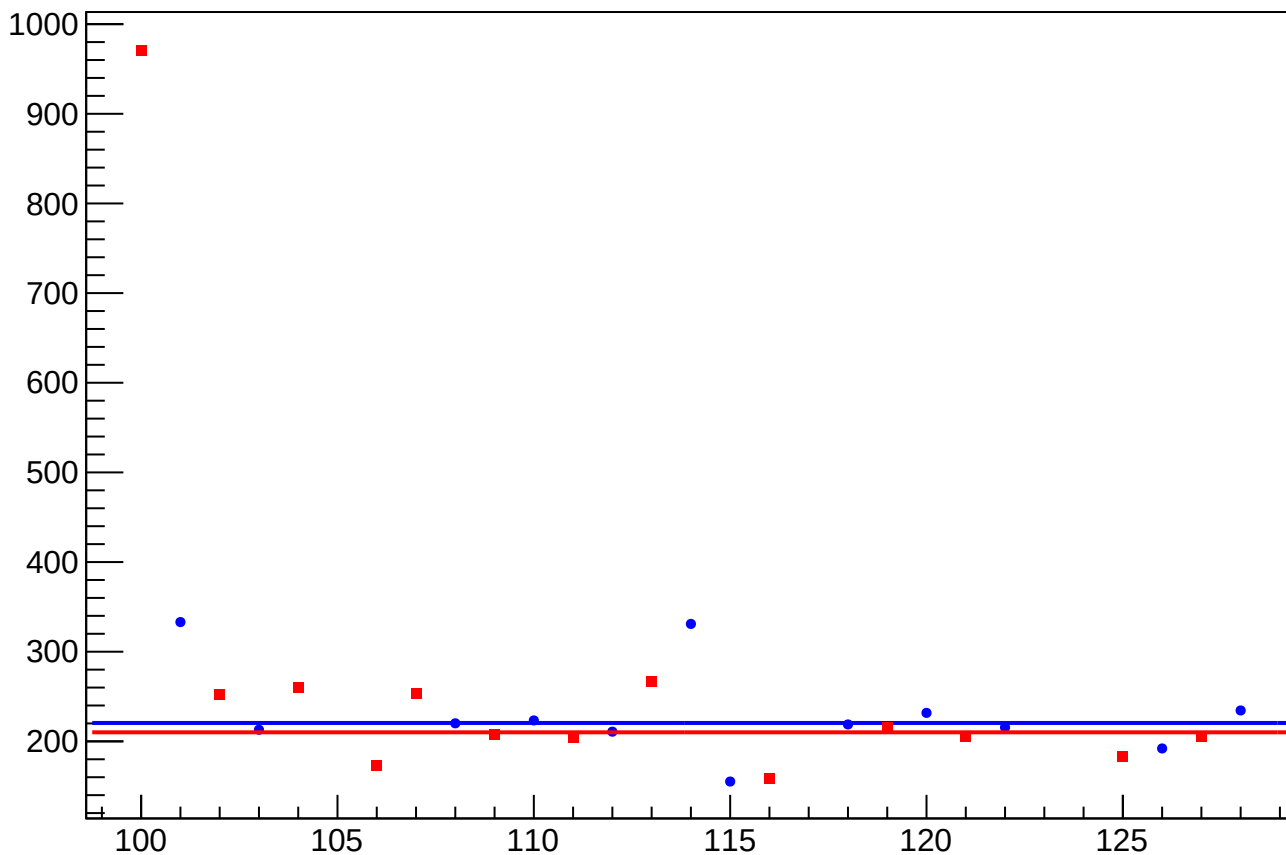
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.069 $\pm$ 0.071 χ^2 /NDF: 27.7/24

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

asym_atl2_dit_vs_cor_diff_rms vs Slug



Right In: 220.528+/-0.073 χ^2/NDF : 239208.9/11

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

Right Out: 210.084+/-0.069 χ^2/NDF : 275492.5/12

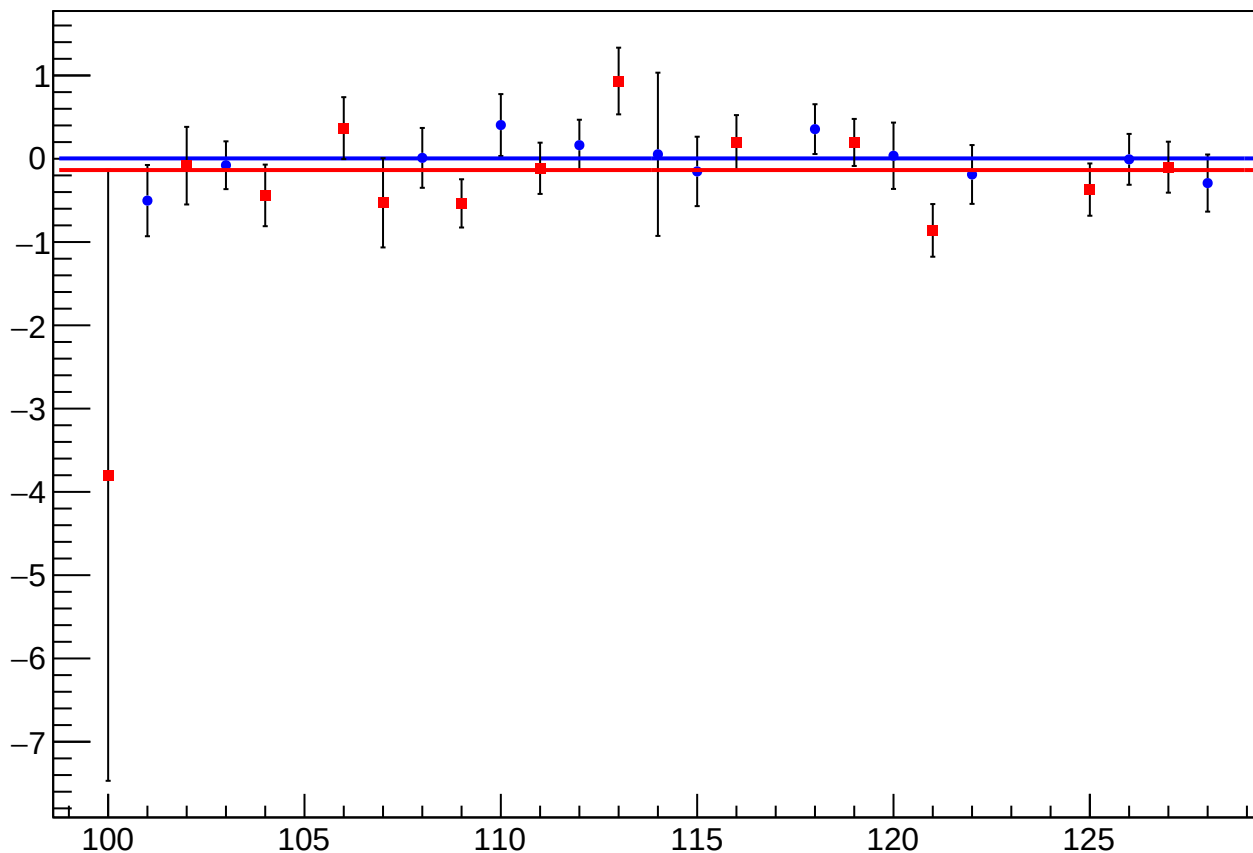
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 215.070+/-0.050 χ^2/NDF : 525514.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.004 $\pm$ 0.103 χ^2 /NDF: 5.5/11

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

Right Out: -0.136 $\pm$ 0.098 χ^2 /NDF: 21.3/12

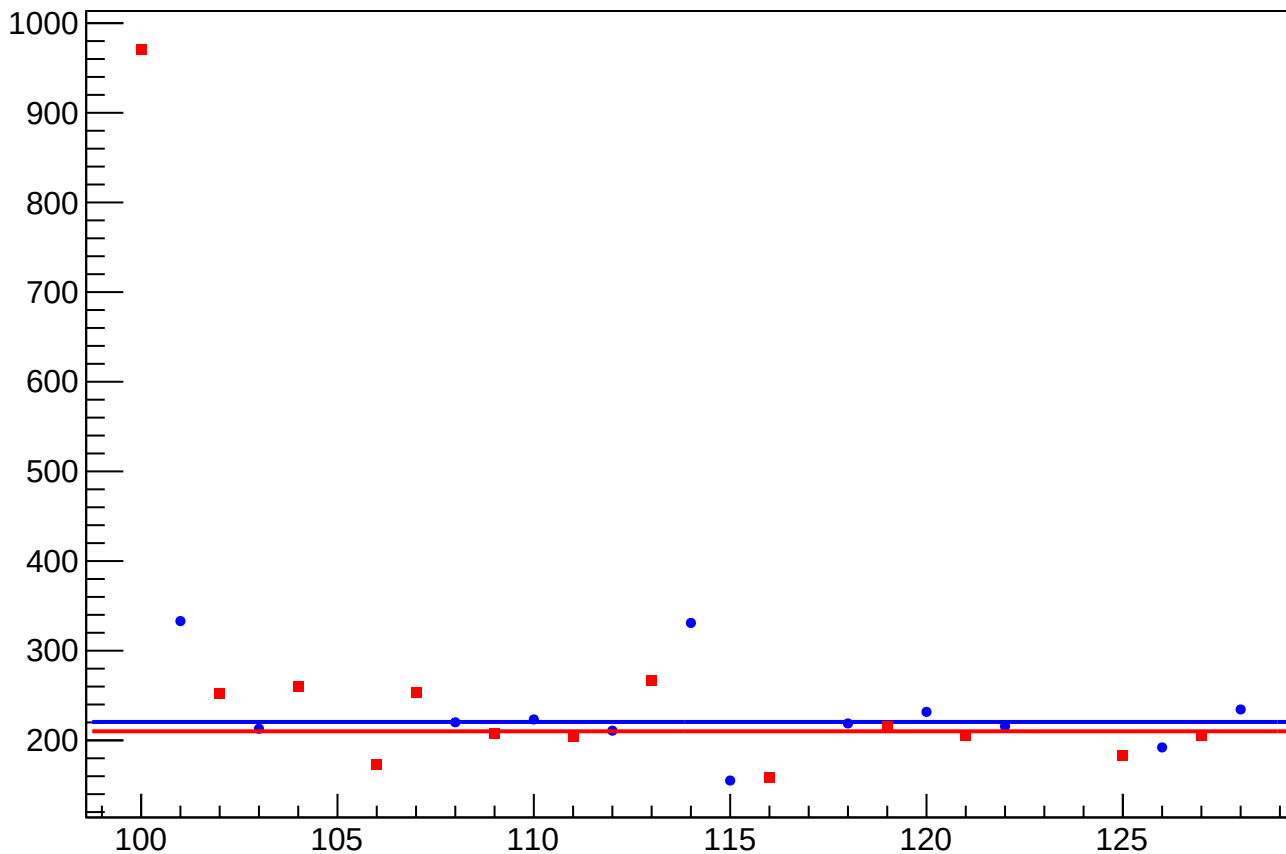
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.069 $\pm$ 0.071 χ^2 /NDF: 27.7/24

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

asym_atl2_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 220.528+/-0.073 χ^2/NDF : 239208.9/11

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

Right Out: 210.084+/-0.069 χ^2/NDF : 275492.5/12

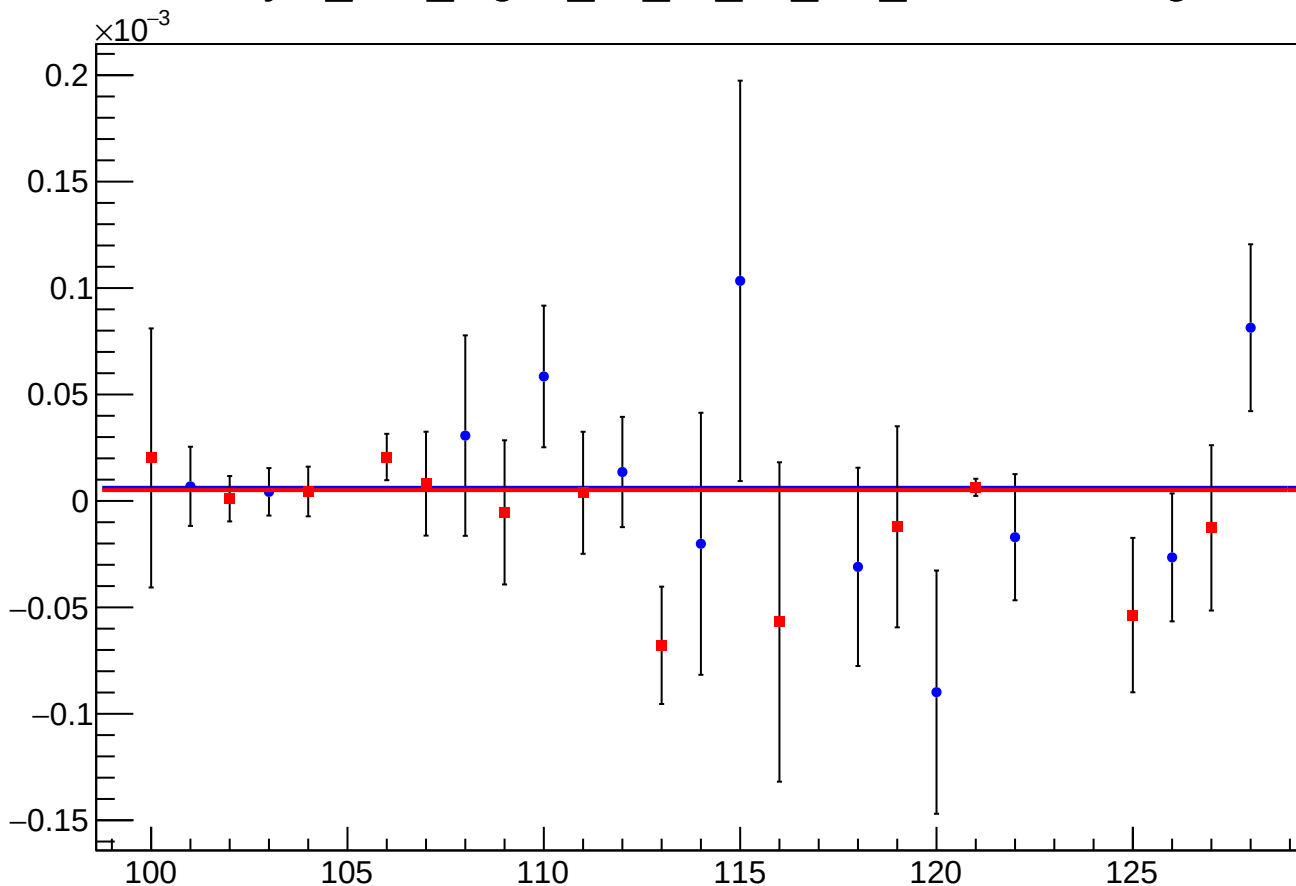
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 215.070+/-0.050 χ^2/NDF : 525514.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.0/11

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.1/12

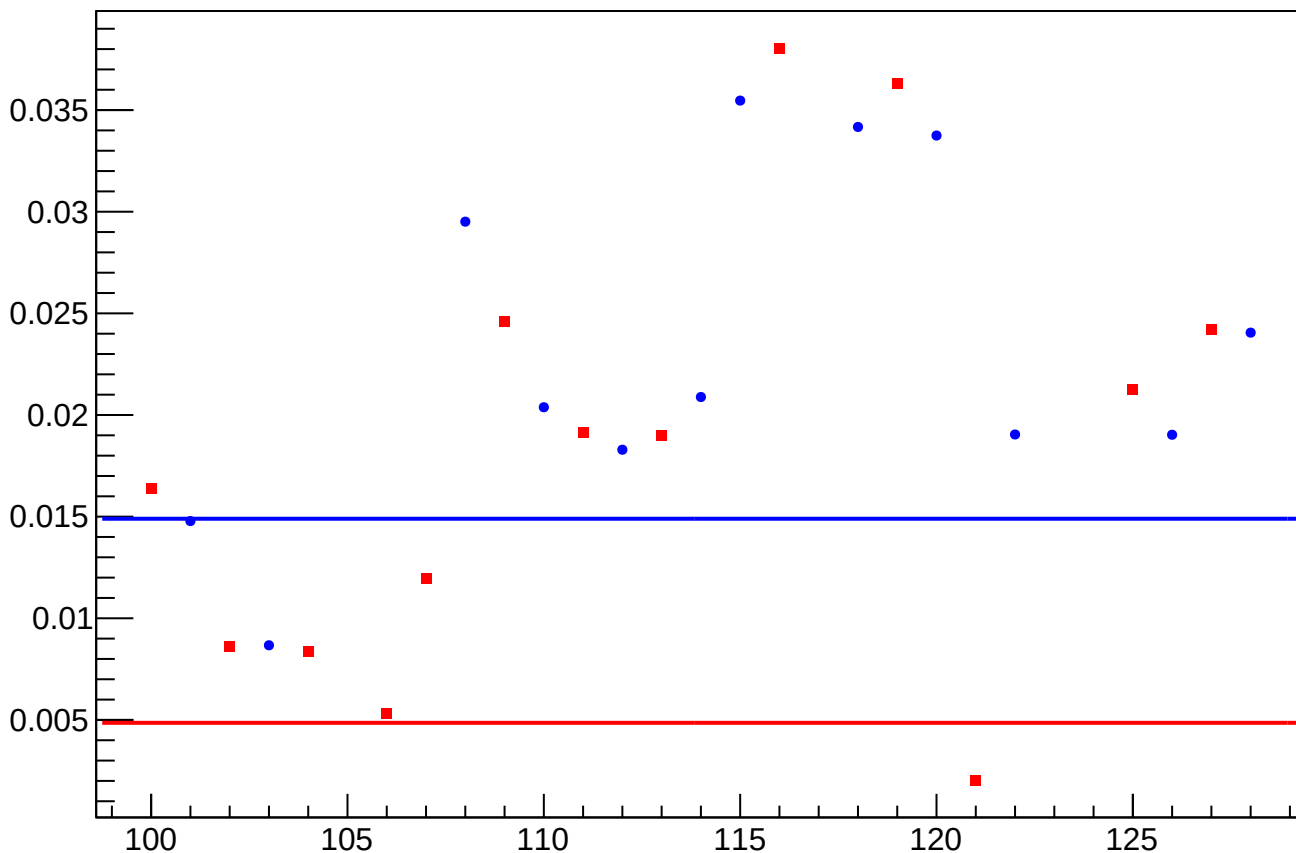
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 26.2/24

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

asym_atl2_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF : 1765936.9/11

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

Right Out: 0.005+/-0.000 χ^2/NDF : 5562981.5/12

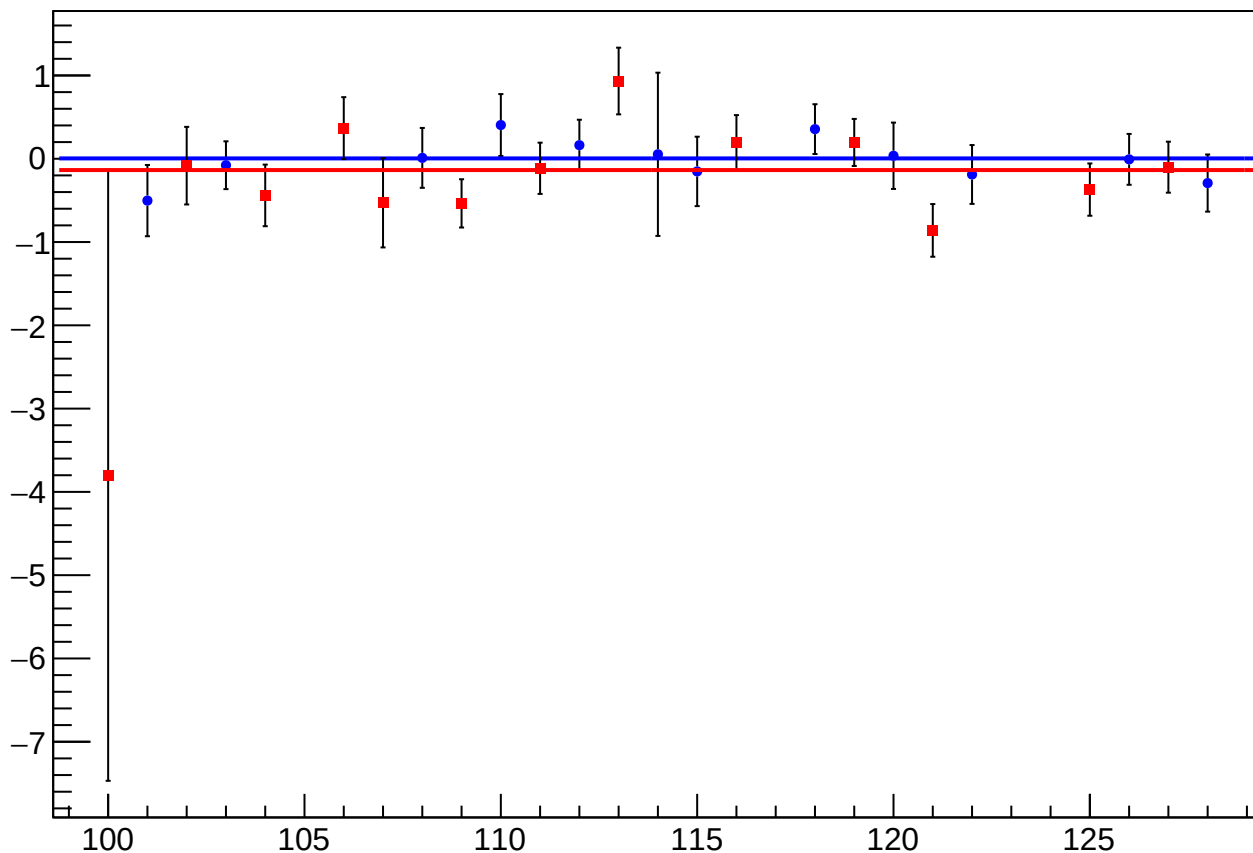
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 10348504.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.004 $\pm$ 0.103 χ^2 /NDF: 5.5/11

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

Right Out: -0.136 $\pm$ 0.098 χ^2 /NDF: 21.3/12

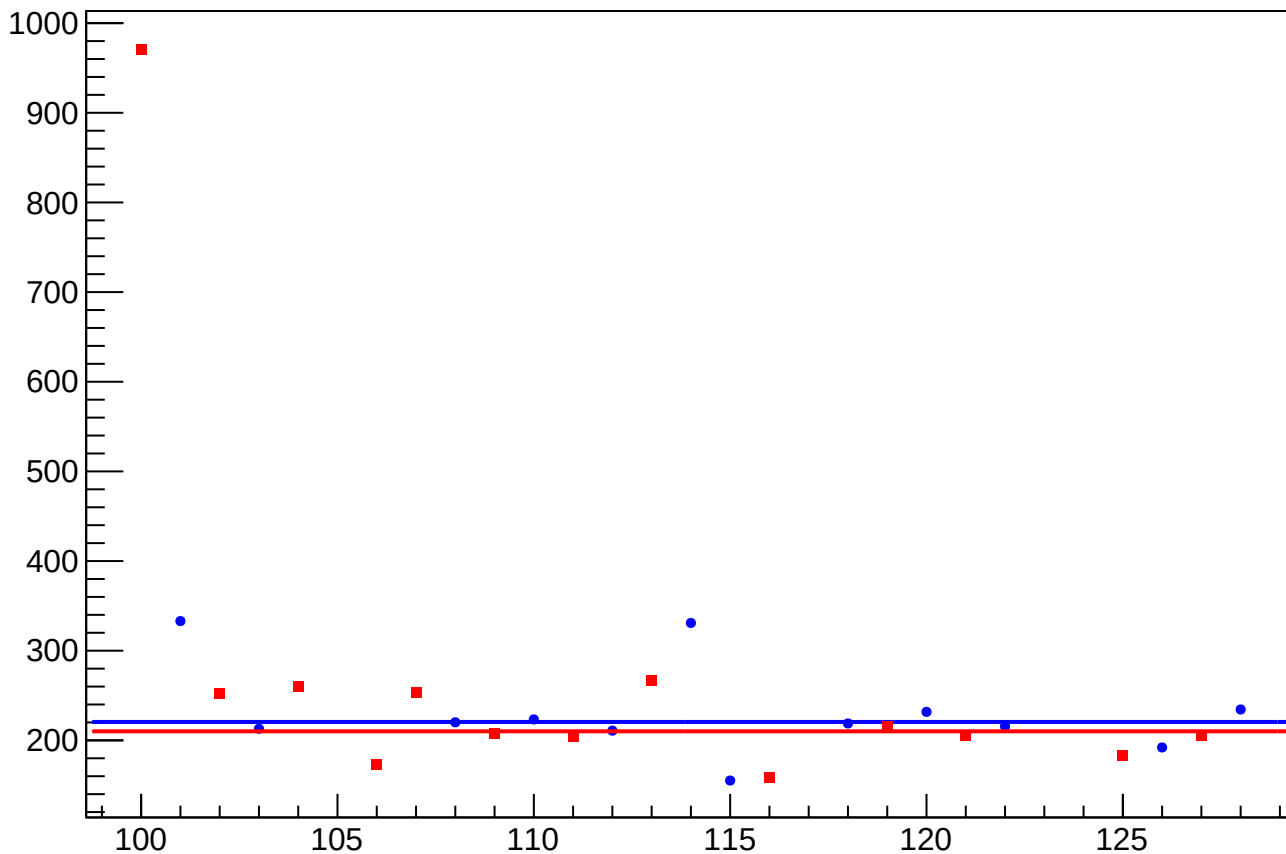
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.069 $\pm$ 0.071 χ^2 /NDF: 27.7/24

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

asym_atl2_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 220.530 $\pm$ 0.073 χ^2 /NDF: 239192.2/11

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

Right Out: 210.087 $\pm$ 0.069 χ^2 /NDF: 275463.1/12

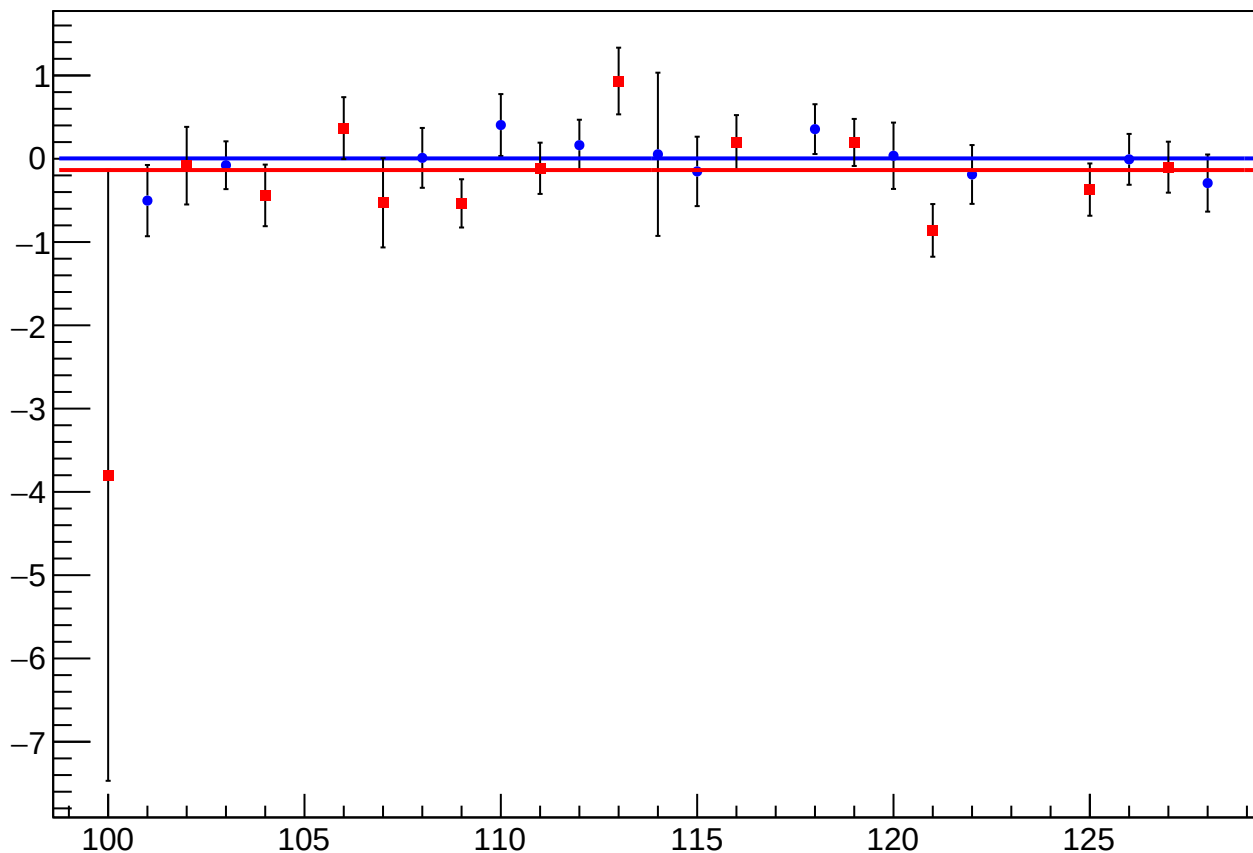
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 215.073 $\pm$ 0.050 χ^2 /NDF: 525465.3/24

- 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: 0.004 $\pm$ 0.103 χ^2 /NDF: 5.5/11

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

Right Out: -0.136 $\pm$ 0.098 χ^2 /NDF: 21.3/12

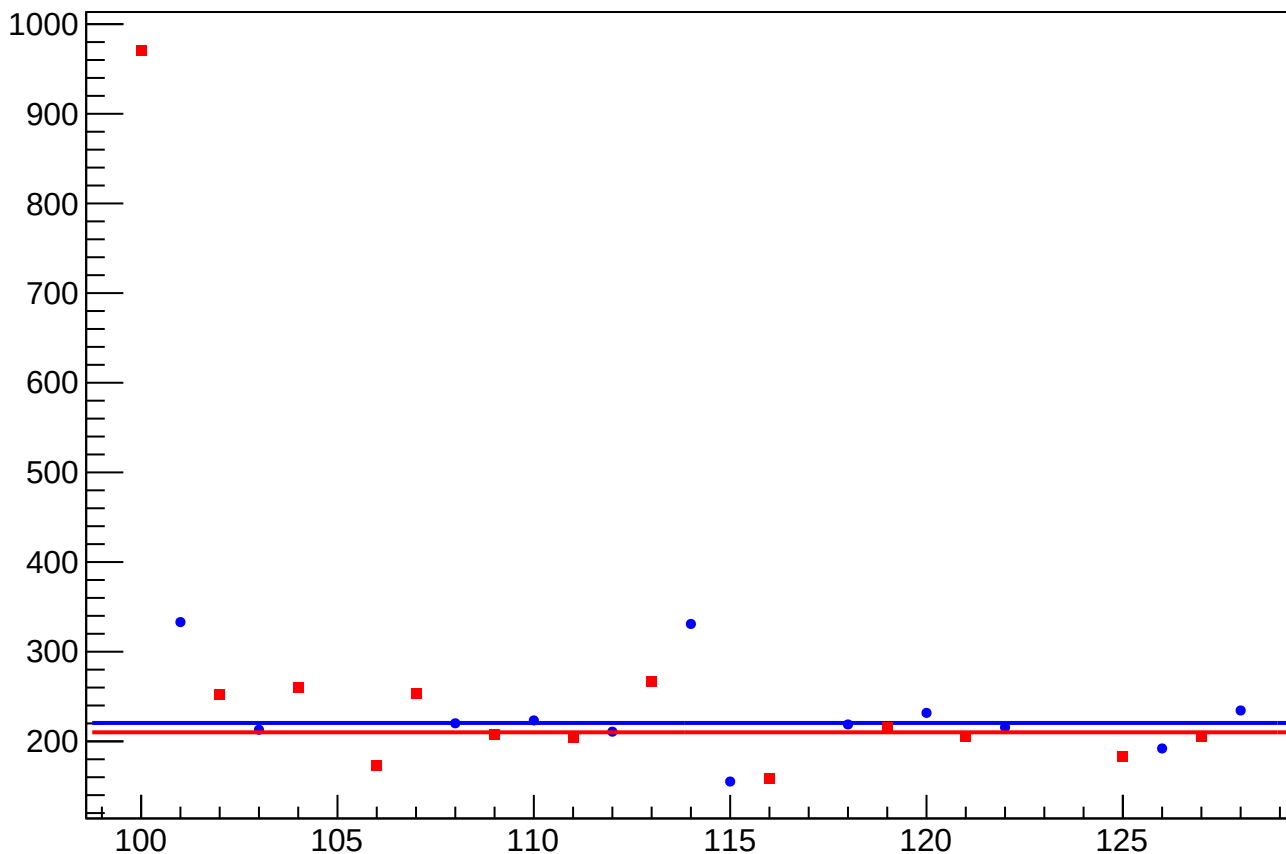
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.069 $\pm$ 0.071 χ^2 /NDF: 27.7/24

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

asym_atl2_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 220.530+/-0.073 χ^2/NDF : 239192.2/11

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

Right Out: 210.087+/-0.069 χ^2/NDF : 275463.1/12

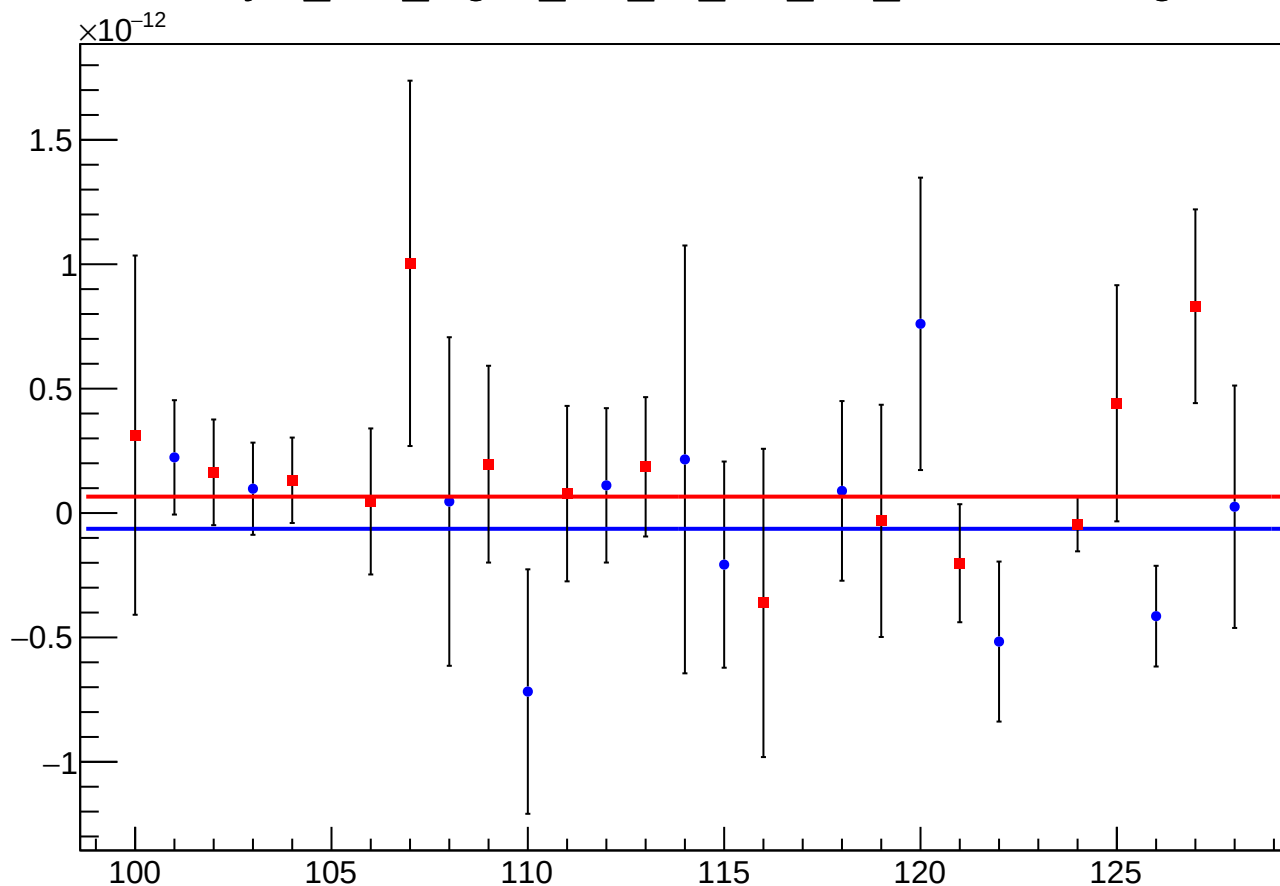
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 215.073+/-0.050 χ^2/NDF : 525465.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 11.8/11

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

Right Out: 0.000+/-0.000 χ^2 /NDF: 9.7/13

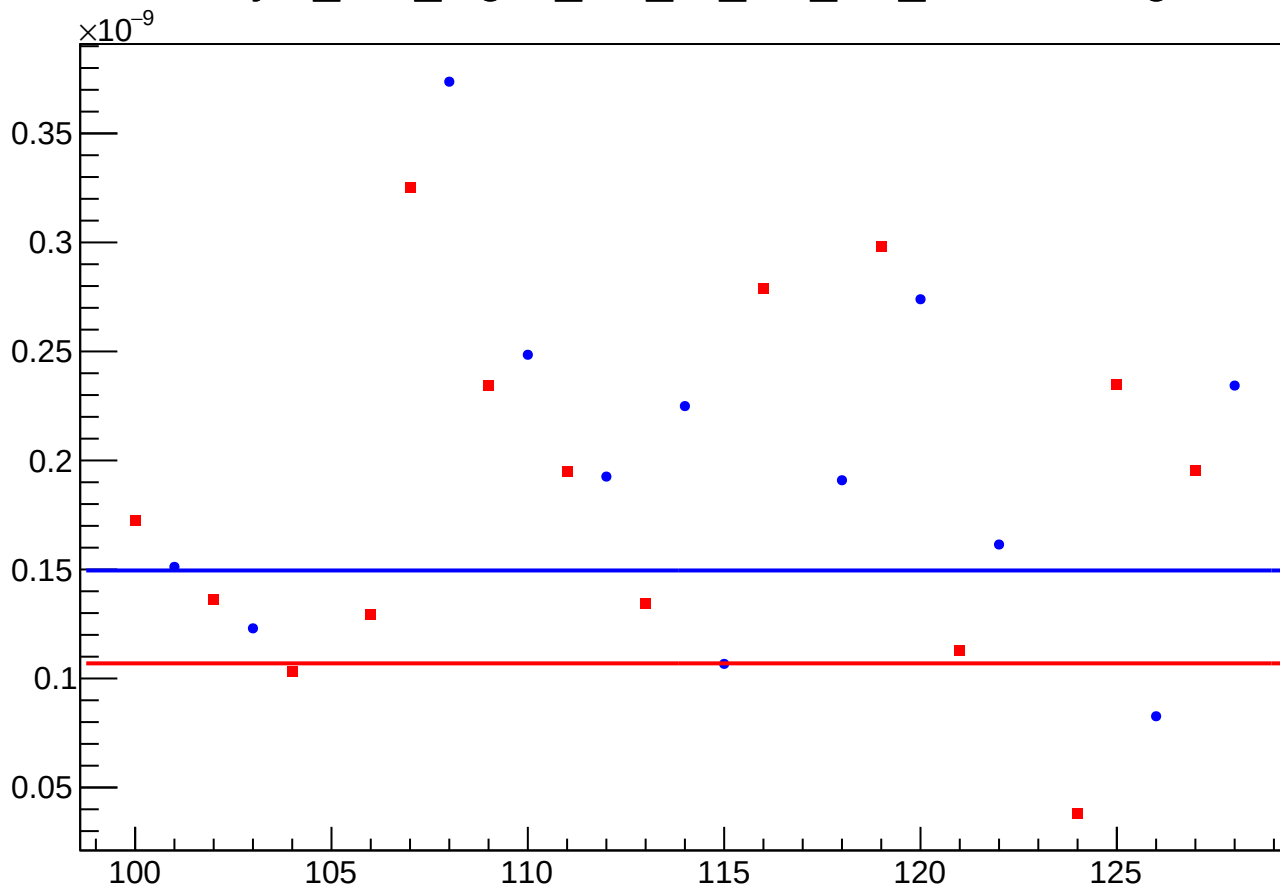
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 22.8/25

- 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 : 825605.9/11

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

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 2128464.2/13

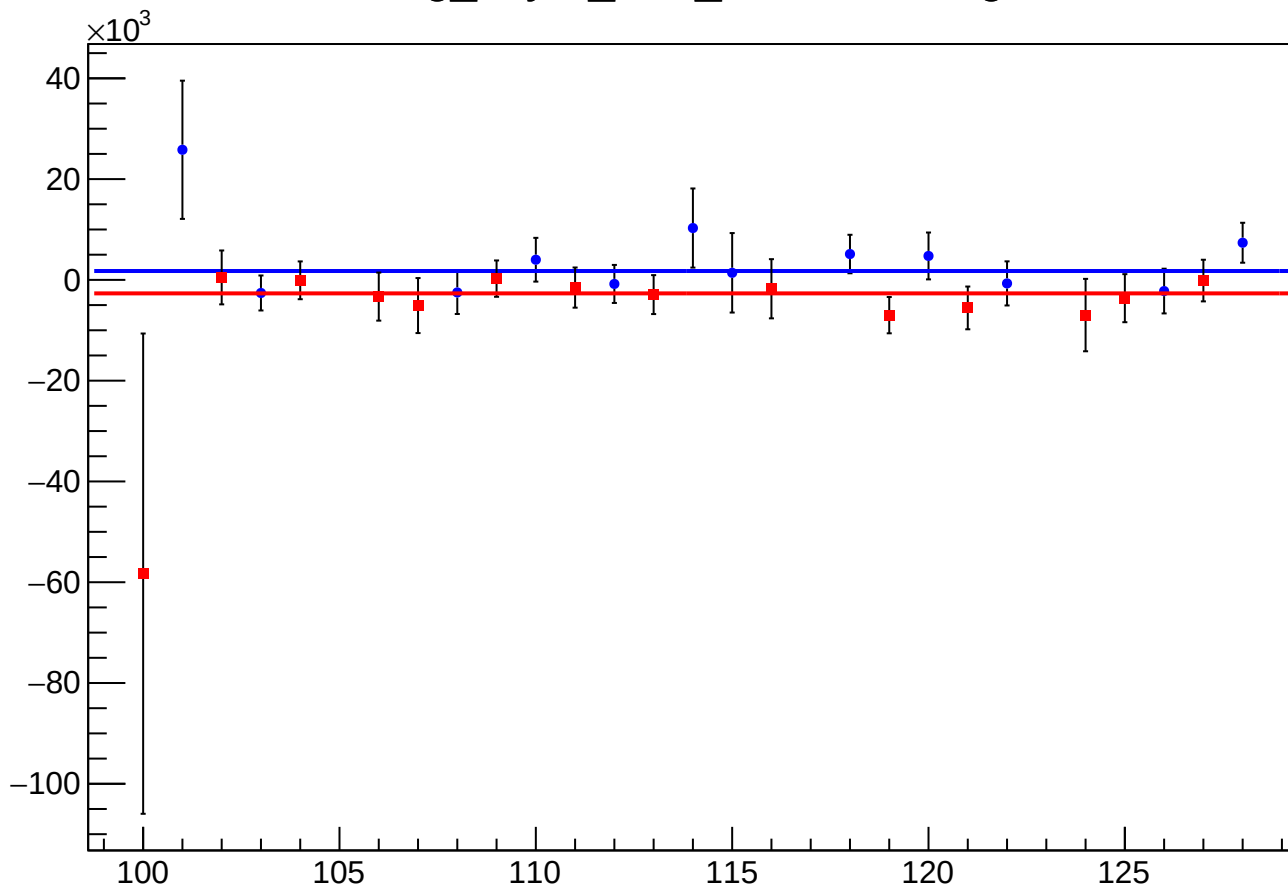
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2/NDF : 3236548.6/25

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

reg_asym_atr1_mean vs Slug



Right In: 1761.666 $\pm$ 1313.044 χ^2 /NDF: 11.9/11

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

Right Out: -2677.930 $\pm$ 1217.513 χ^2 /NDF: 5.9/13

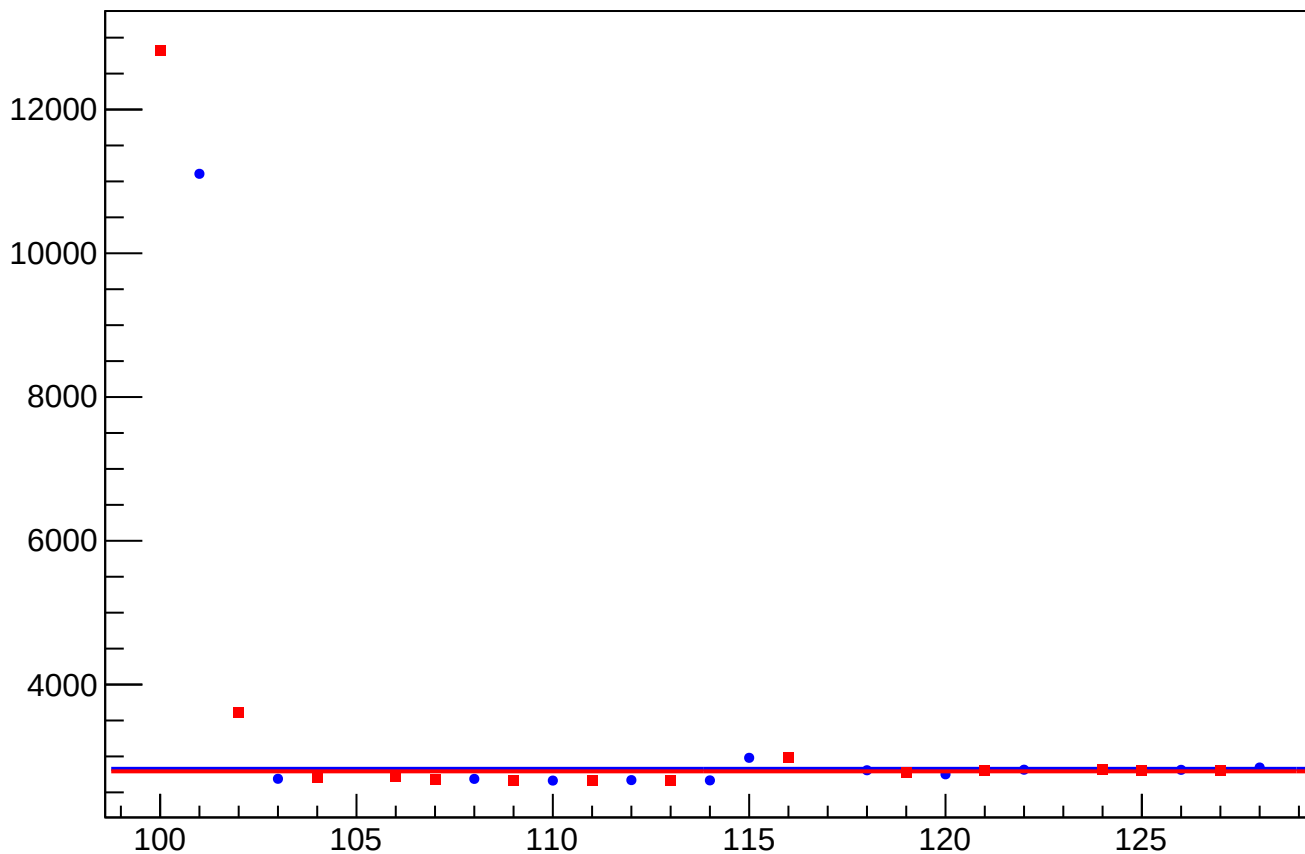
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -625.492 $\pm$ 892.776 χ^2 /NDF: 23.9/25

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

reg_asym_atr1_rms vs Slug



Right In: 2827.433+/-0.928 χ^2/NDF : 742376.6/11

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

Right Out: 2792.475+/-0.861 χ^2/NDF : 146295.1/13

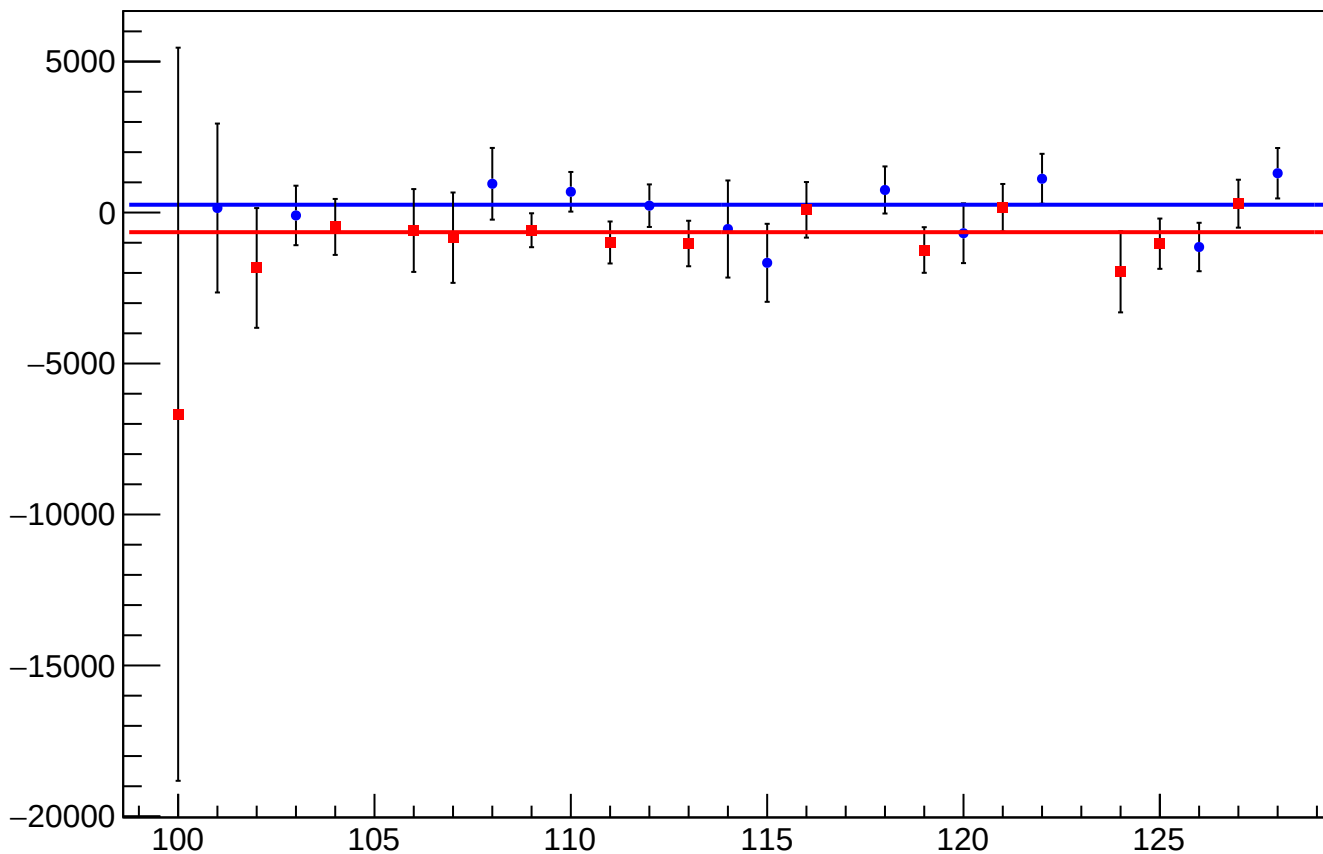
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2808.636+/-0.631 χ^2/NDF : 889434.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_reg_correction_mean vs Slug



Right In: 258.763+/-264.408 χ^2/NDF : 10.4/11

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

Right Out: -649.841+/-238.832 χ^2/NDF : 6.1/13

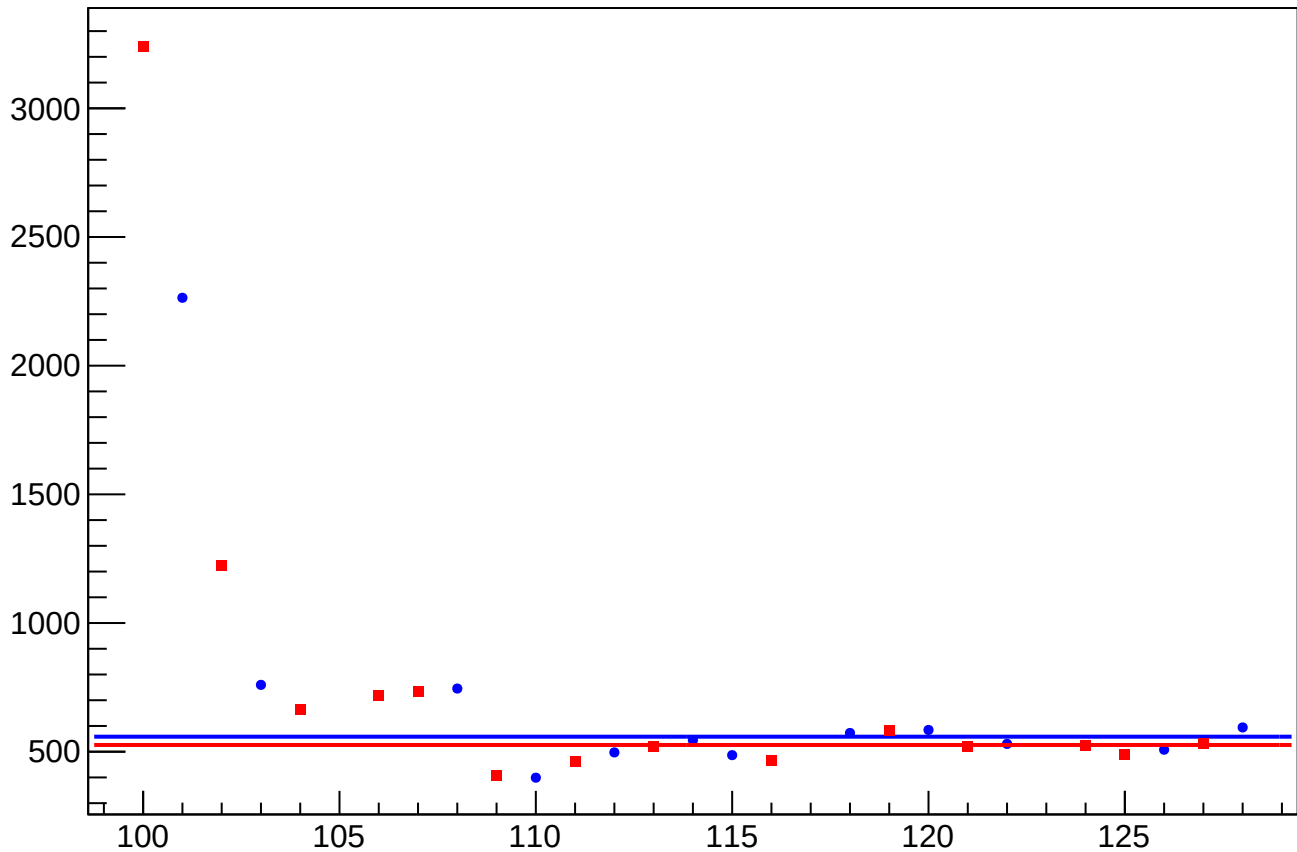
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -241.598+/-177.234 χ^2/NDF : 22.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_reg_correction_rms vs Slug



Right In: 558.342+/-0.187 χ^2/NDF : 1031749.0/11

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

Right Out: 526.136+/-0.169 χ^2/NDF : 600845.4/13

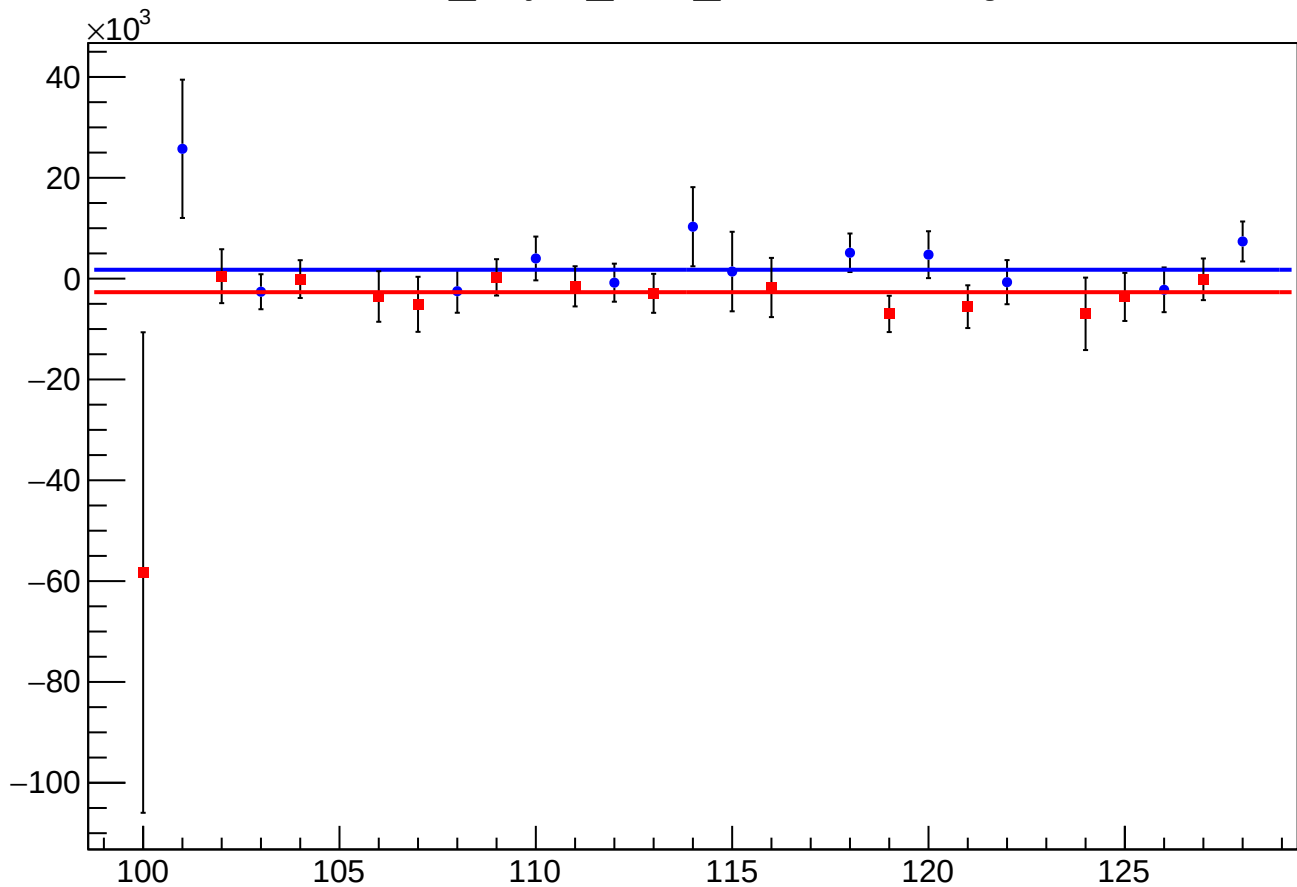
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 540.606+/-0.125 χ^2/NDF : 1648935.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr1_mean vs Slug



Right In: 1760.668 $\pm$ 1313.044 χ^2 /NDF: 11.9/11

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

Right Out: -2688.019 $\pm$ 1221.395 χ^2 /NDF: 5.9/13

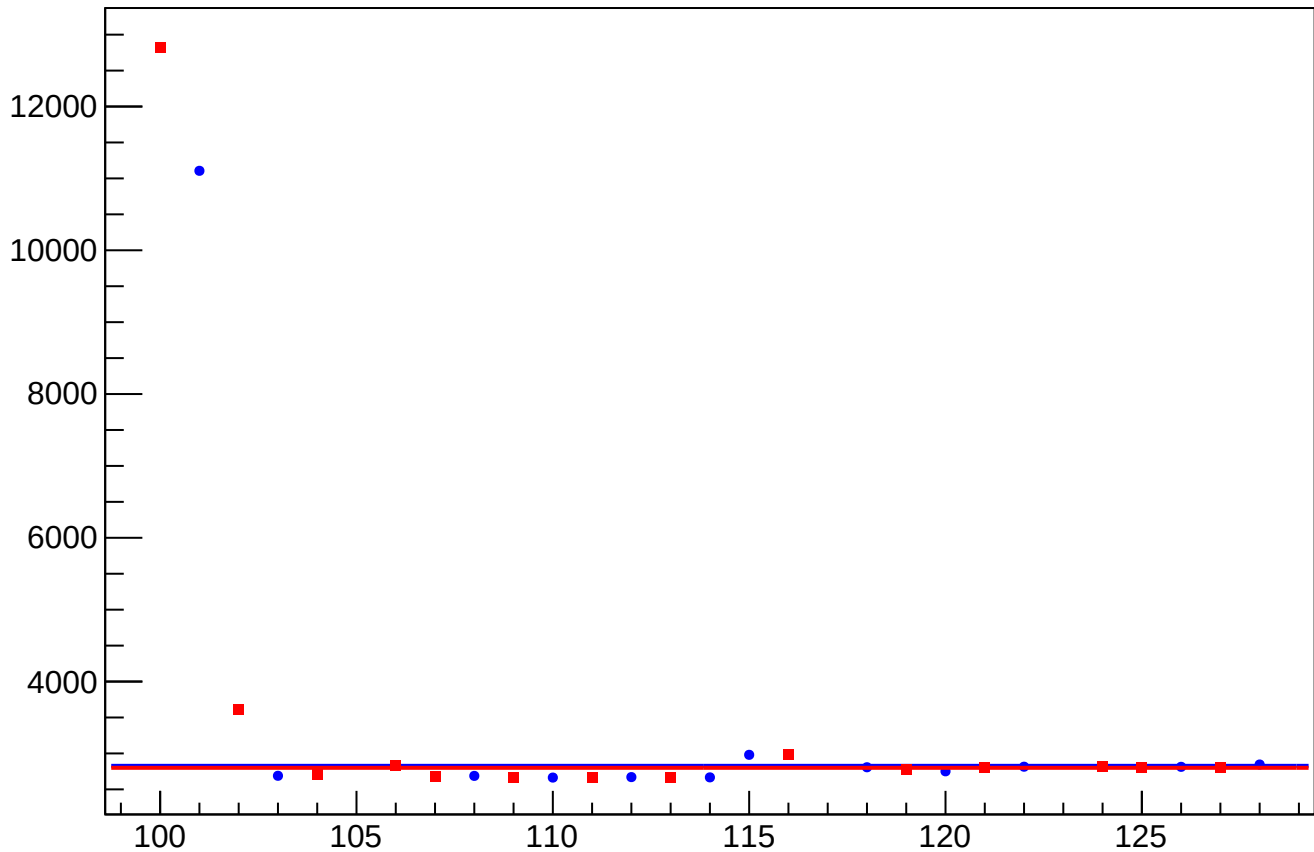
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -624.336 $\pm$ 894.303 χ^2 /NDF: 23.9/25

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

cor_asym_atr1_rms vs Slug



Right In: 2827.433+/-0.928 χ^2/NDF : 742375.7/11

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

Right Out: 2799.890+/-0.864 χ^2/NDF : 145947.7/13

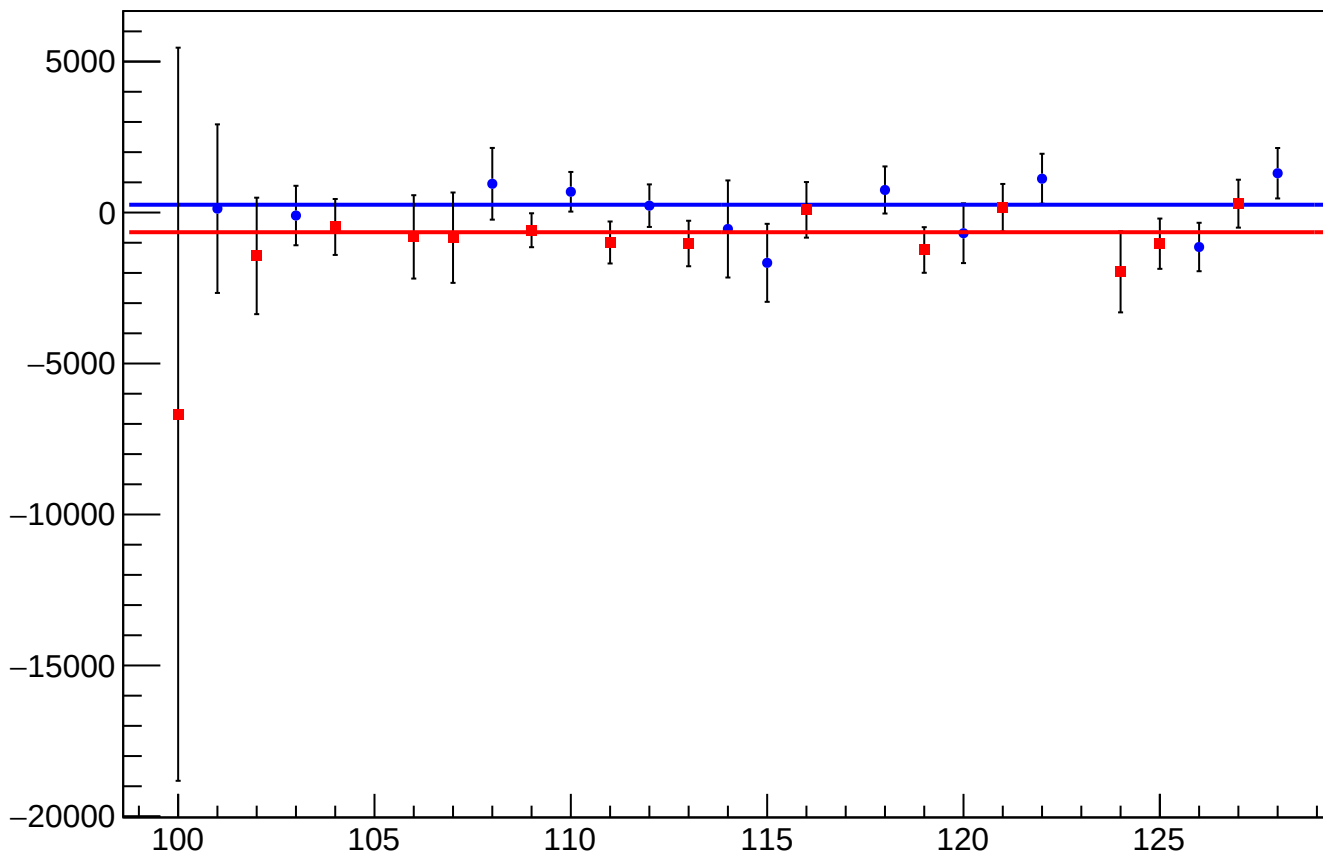
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2812.667+/-0.632 χ^2/NDF : 888795.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_cor_correction_mean vs Slug



Right In: 258.639 $\pm$ 264.400 χ^2 /NDF: 10.4/11

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

Right Out: -651.061 $\pm$ 238.770 χ^2 /NDF: 5.9/13

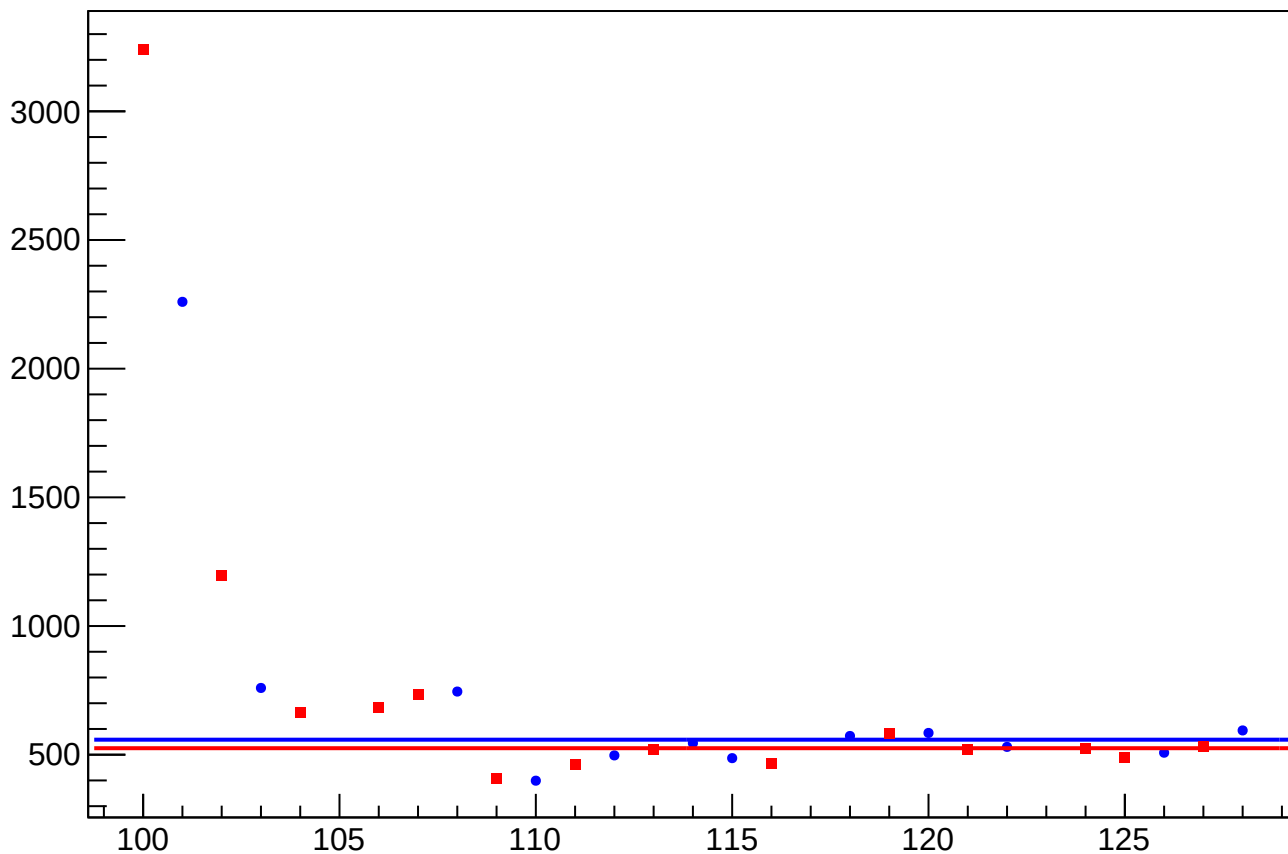
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -242.428 $\pm$ 177.206 χ^2 /NDF: 22.8/25

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

asym_atr1_cor_correction_rms vs Slug



Right In: 558.362+/-0.187 χ^2/NDF : 1030764.4/11

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

Right Out: 525.236+/-0.169 χ^2/NDF : 583825.2/13

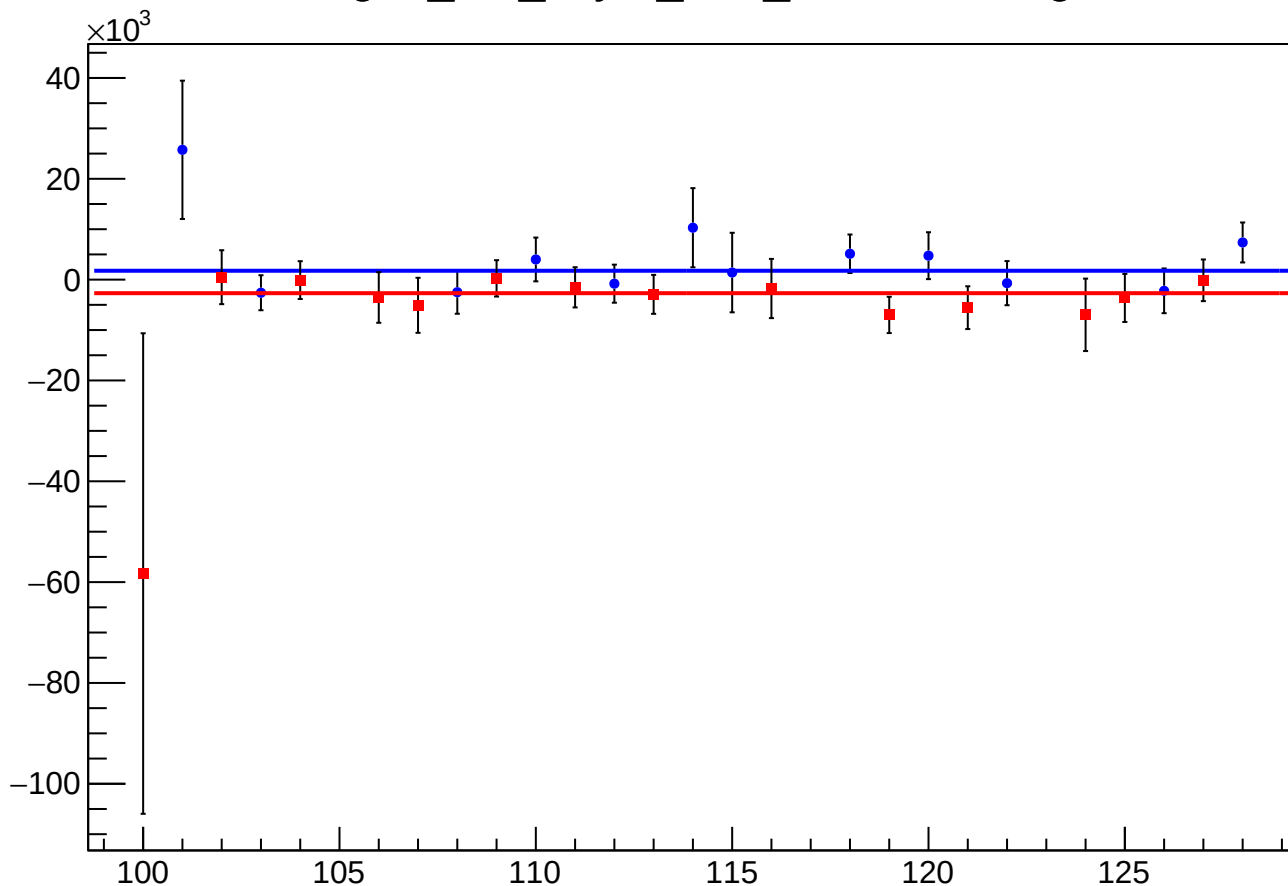
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 540.116+/-0.125 χ^2/NDF : 1631881.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr1_mean vs Slug



Right In: 1760.668+/-1313.044 χ^2/NDF : 11.9/11

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

Right Out: -2688.019+/-1221.395 χ^2/NDF : 5.9/13

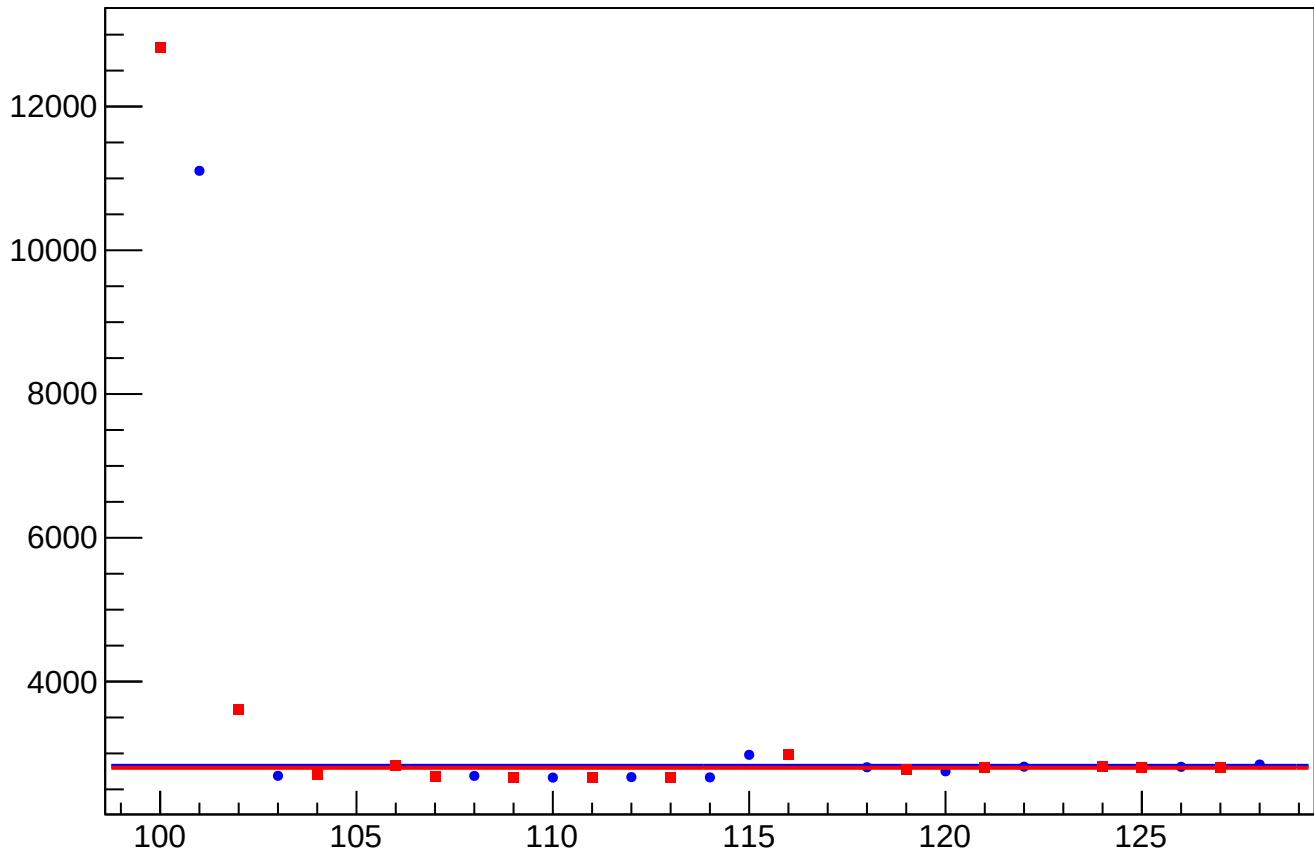
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -624.336+/-894.303 χ^2/NDF : 23.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr1_rms vs Slug



Right In: 2827.433+/-0.928 χ^2/NDF : 742375.7/11

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

Right Out: 2799.890+/-0.864 χ^2/NDF : 145947.7/13

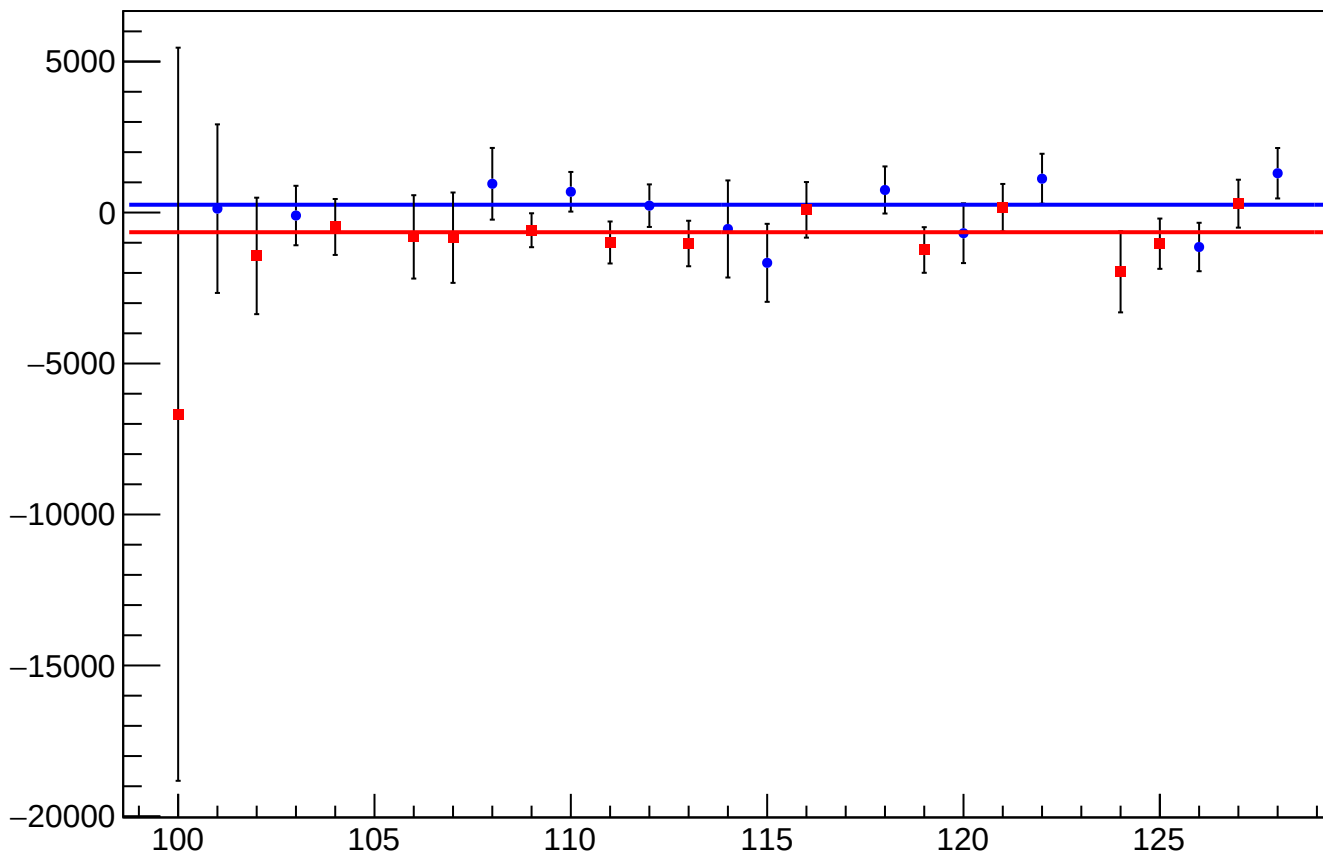
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2812.667+/-0.632 χ^2/NDF : 888795.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_cor_correction_mean vs Slug



Right In: 258.639+/-264.400 χ^2/NDF : 10.4/11

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

Right Out: -651.061+/-238.770 χ^2/NDF : 5.9/13

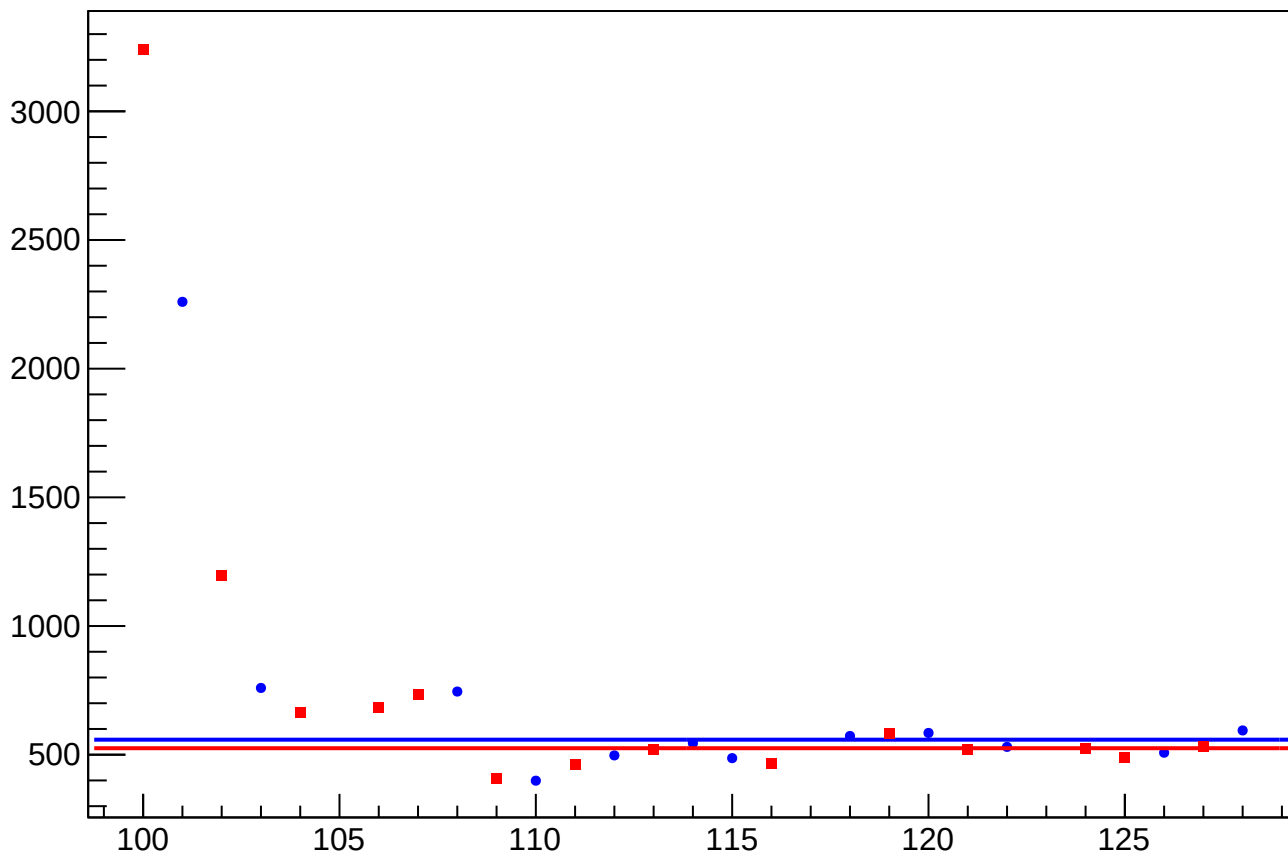
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -242.428+/-177.206 χ^2/NDF : 22.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_cor_correction_rms vs Slug



Right In: 558.362+/-0.187 χ^2/NDF : 1030764.4/11

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

Right Out: 525.236+/-0.169 χ^2/NDF : 583825.2/13

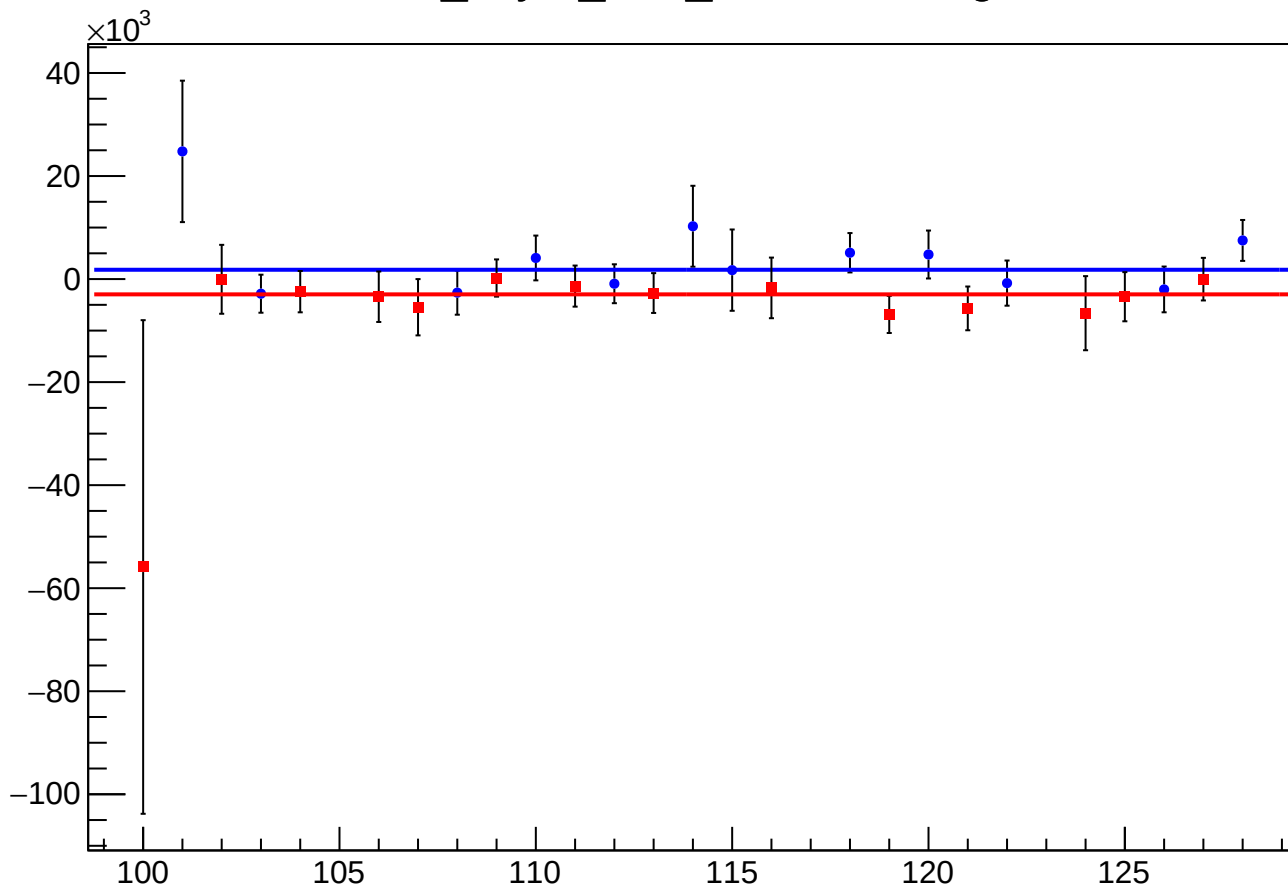
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 540.116+/-0.125 χ^2/NDF : 1631881.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr1_mean vs Slug



Right In: 1807.623+/-1324.926 χ^2/NDF : 11.7/11

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

Right Out: -2967.121+/-1240.430 χ^2/NDF : 5.0/13

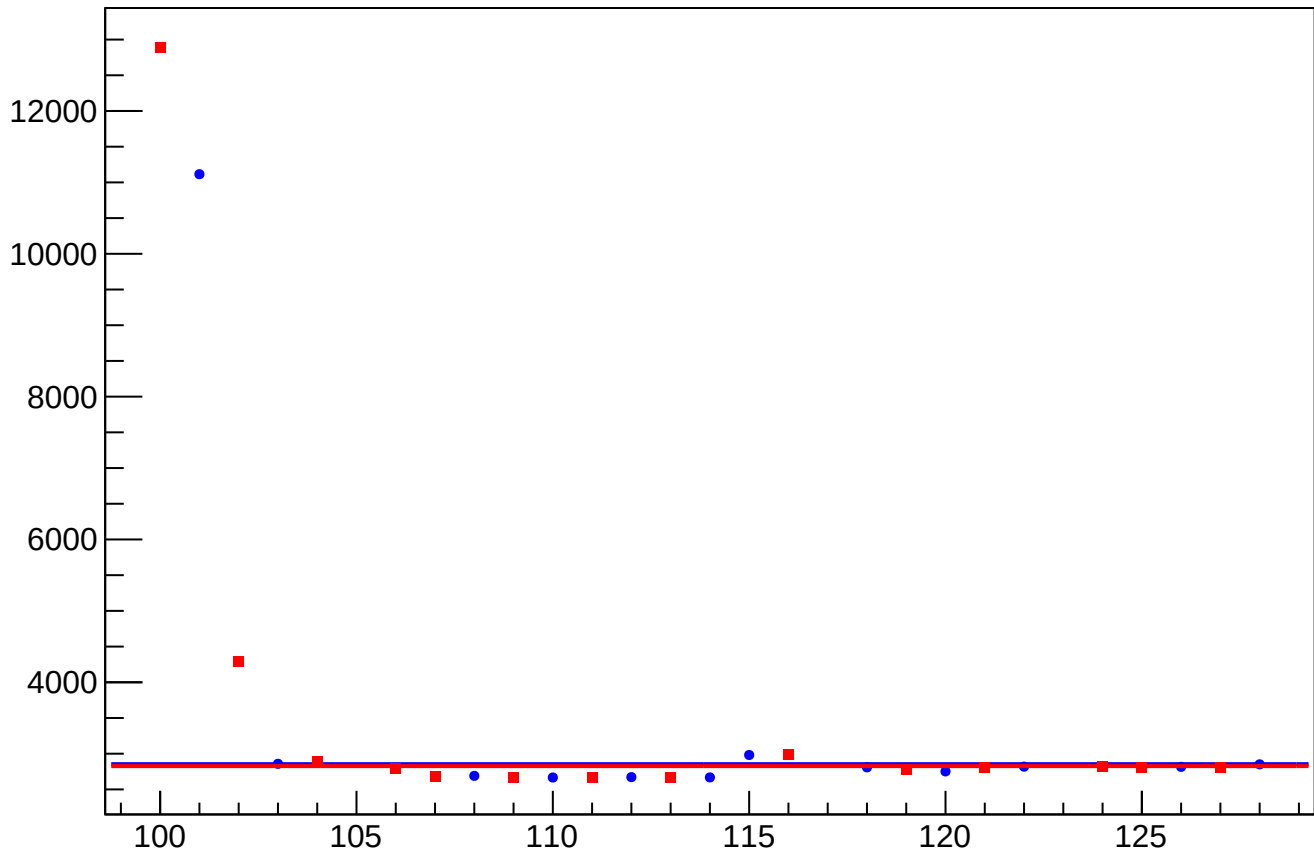
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -736.847+/-905.515 χ^2/NDF : 23.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr1_rms vs Slug



Right In: 2853.544+/-0.937 χ^2/NDF : 738737.3/11

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

Right Out: 2825.979+/-0.877 χ^2/NDF : 199286.1/13

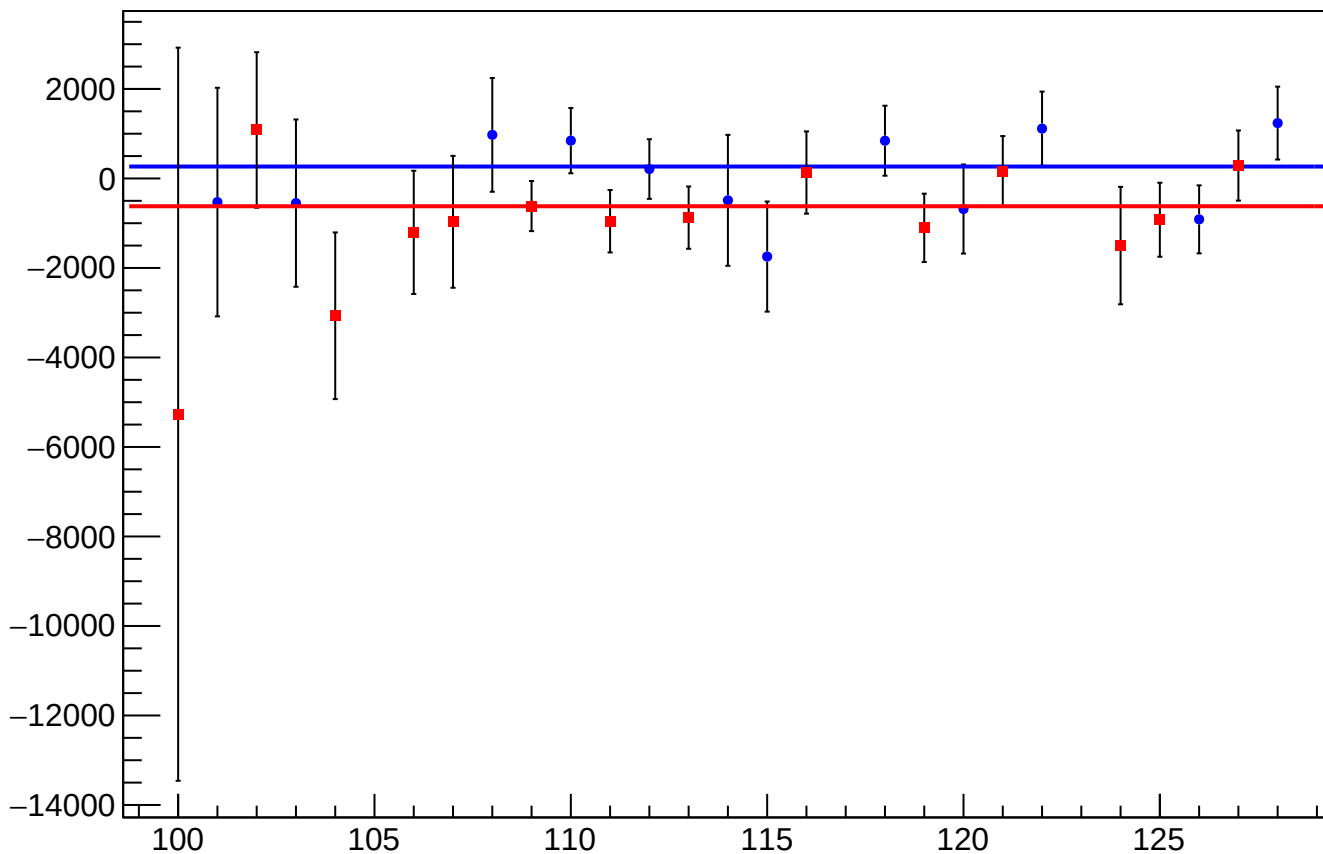
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2838.855+/-0.640 χ^2/NDF : 938484.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_dit_correction_mean vs Slug



Right In: 266.472 $\pm$ 270.531 χ^2 /NDF: 10.5/11

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

Right Out: -621.222 $\pm$ 241.573 χ^2 /NDF: 7.6/13

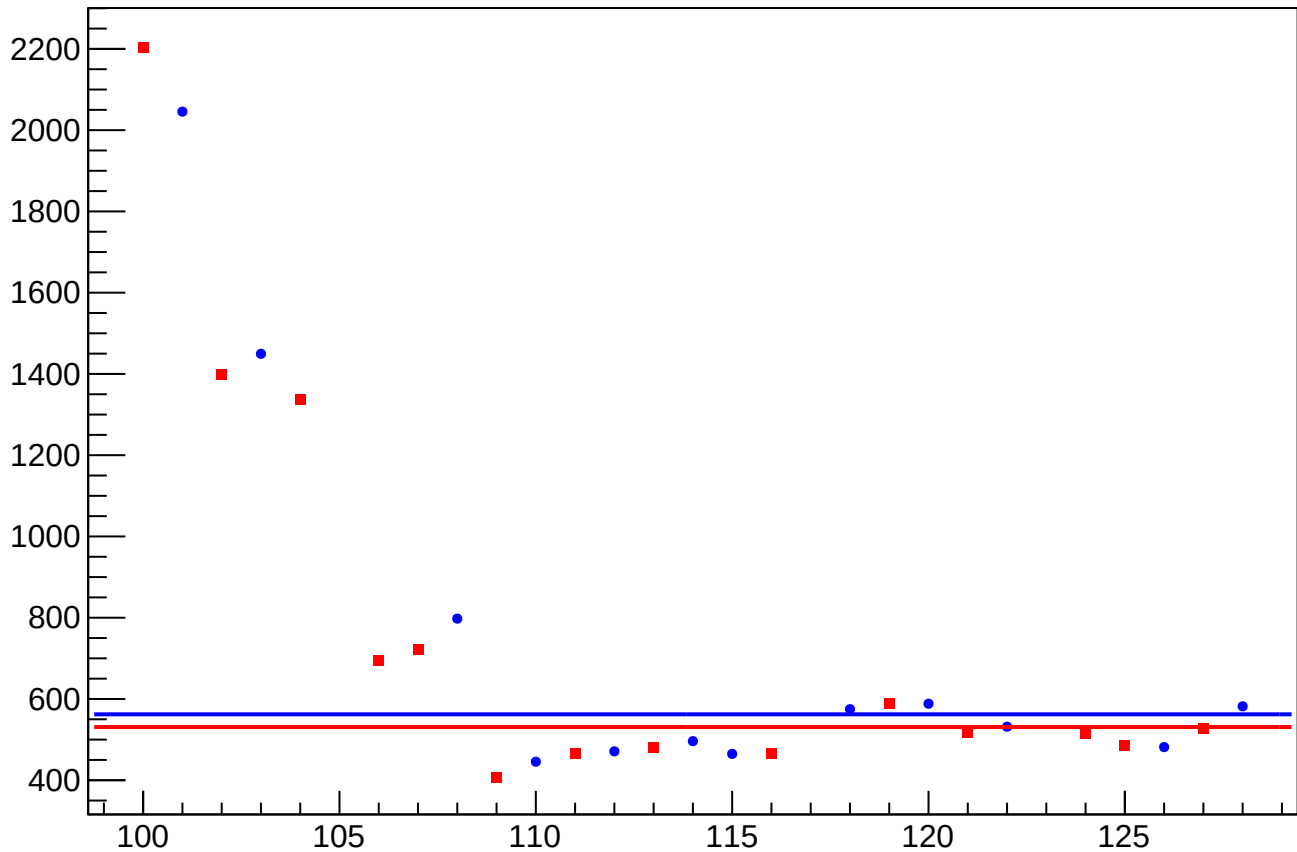
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -227.412 $\pm$ 180.189 χ^2 /NDF: 24.1/25

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

asym_atr1_dit_correction_rms vs Slug



Right In: 562.249+/-0.191 χ^2/NDF : 1327337.0/11

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

Right Out: 530.904+/-0.171 χ^2/NDF : 1173782.2/13

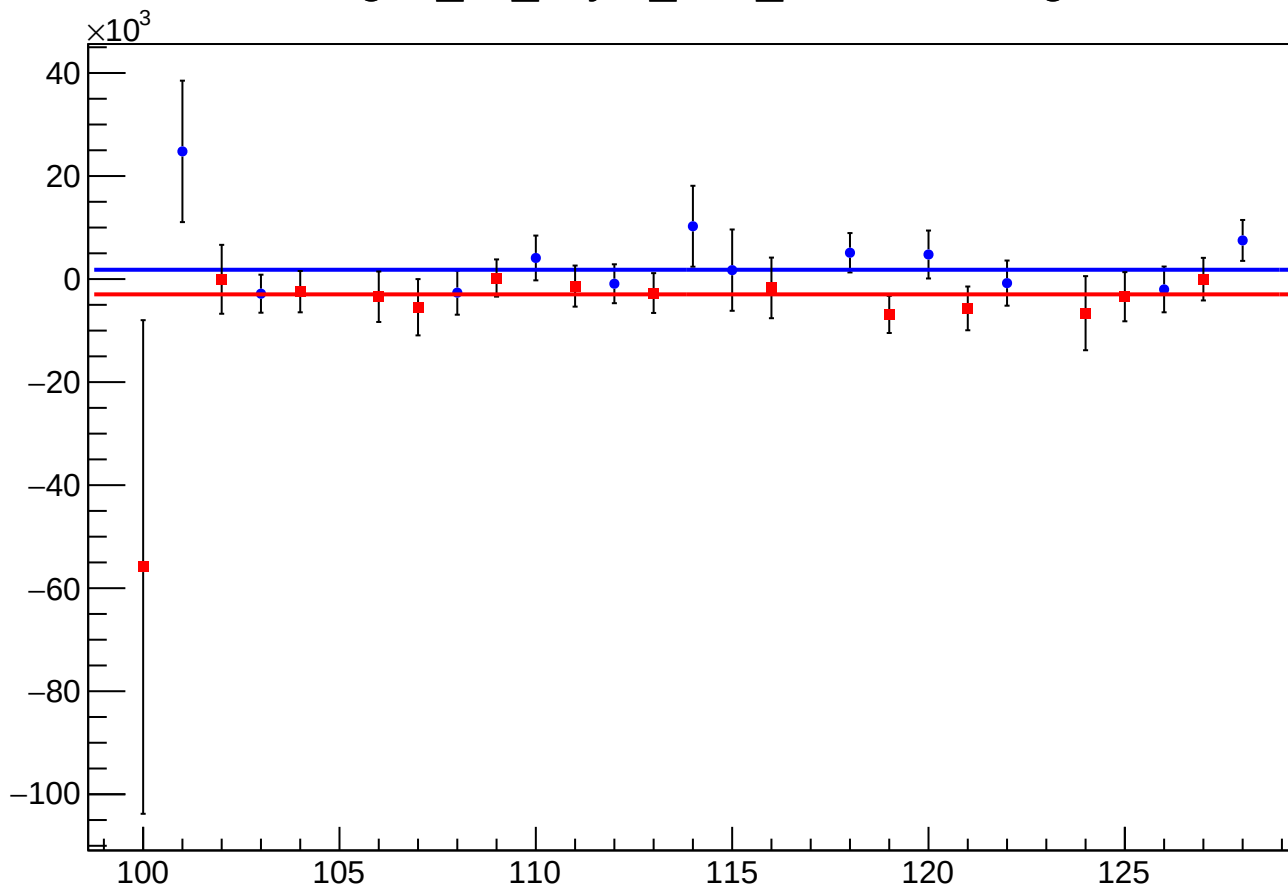
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 544.810+/-0.127 χ^2/NDF : 2516056.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr1_mean vs Slug



Right In: 1807.623+/-1324.926 χ^2/NDF : 11.7/11

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

Right Out: -2967.120+/-1240.430 χ^2/NDF : 5.0/13

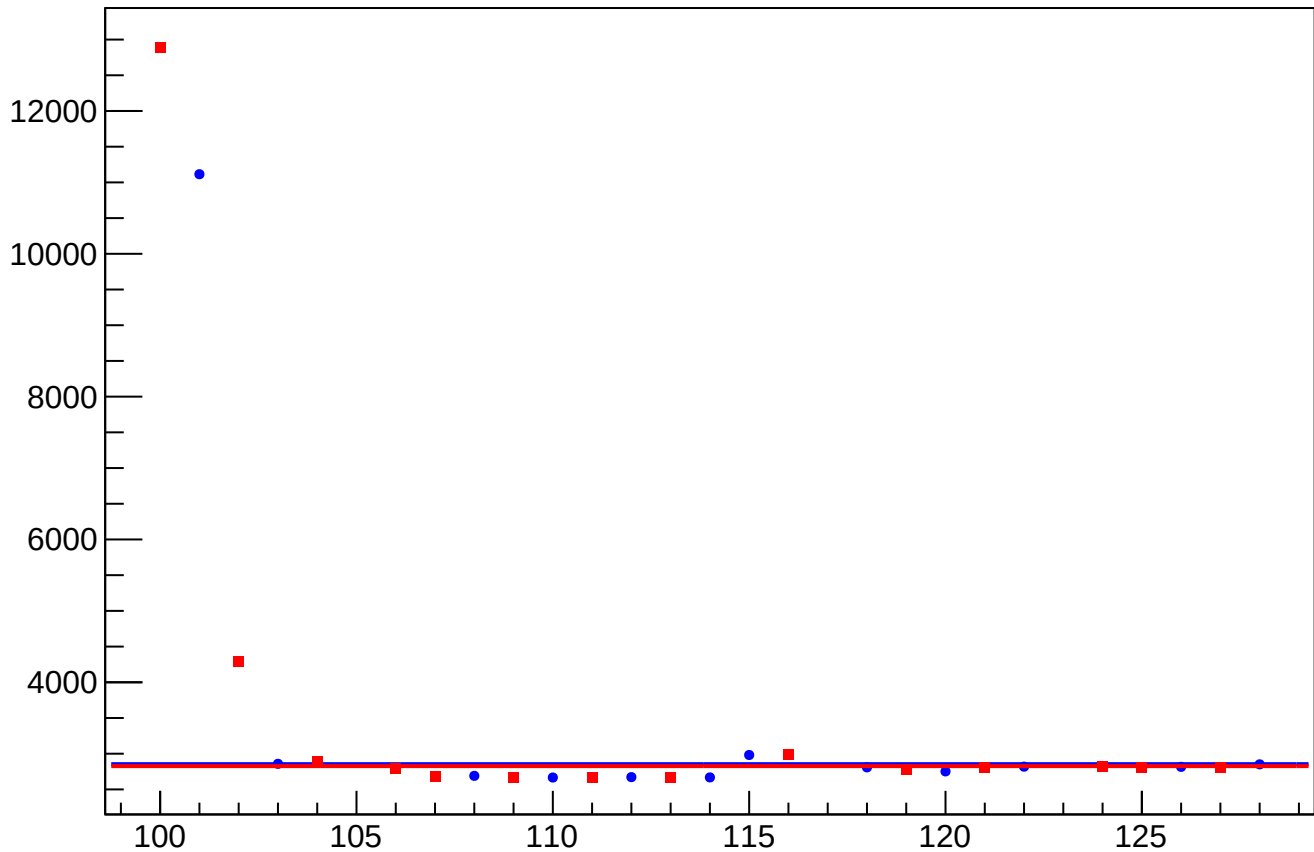
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -736.846+/-905.515 χ^2/NDF : 23.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr1_rms vs Slug



Right In: 2853.544+/-0.937 χ^2/NDF : 738737.3/11

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

Right Out: 2825.979+/-0.877 χ^2/NDF : 199285.9/13

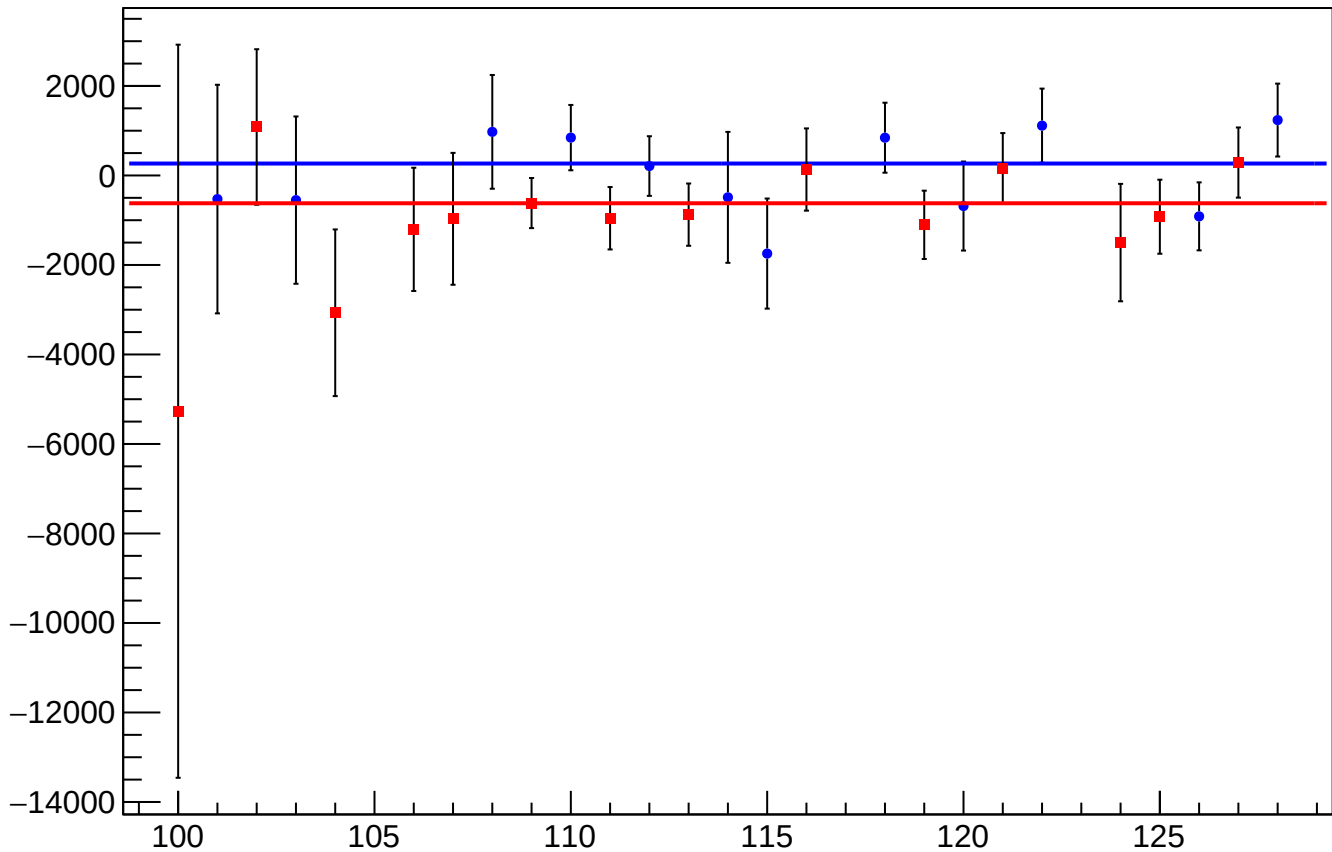
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2838.855+/-0.640 χ^2/NDF : 938484.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_dit_correction_mean vs Slug



Right In: 266.473+/-270.532 χ^2/NDF : 10.5/11

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

Right Out: -621.222+/-241.573 χ^2/NDF : 7.6/13

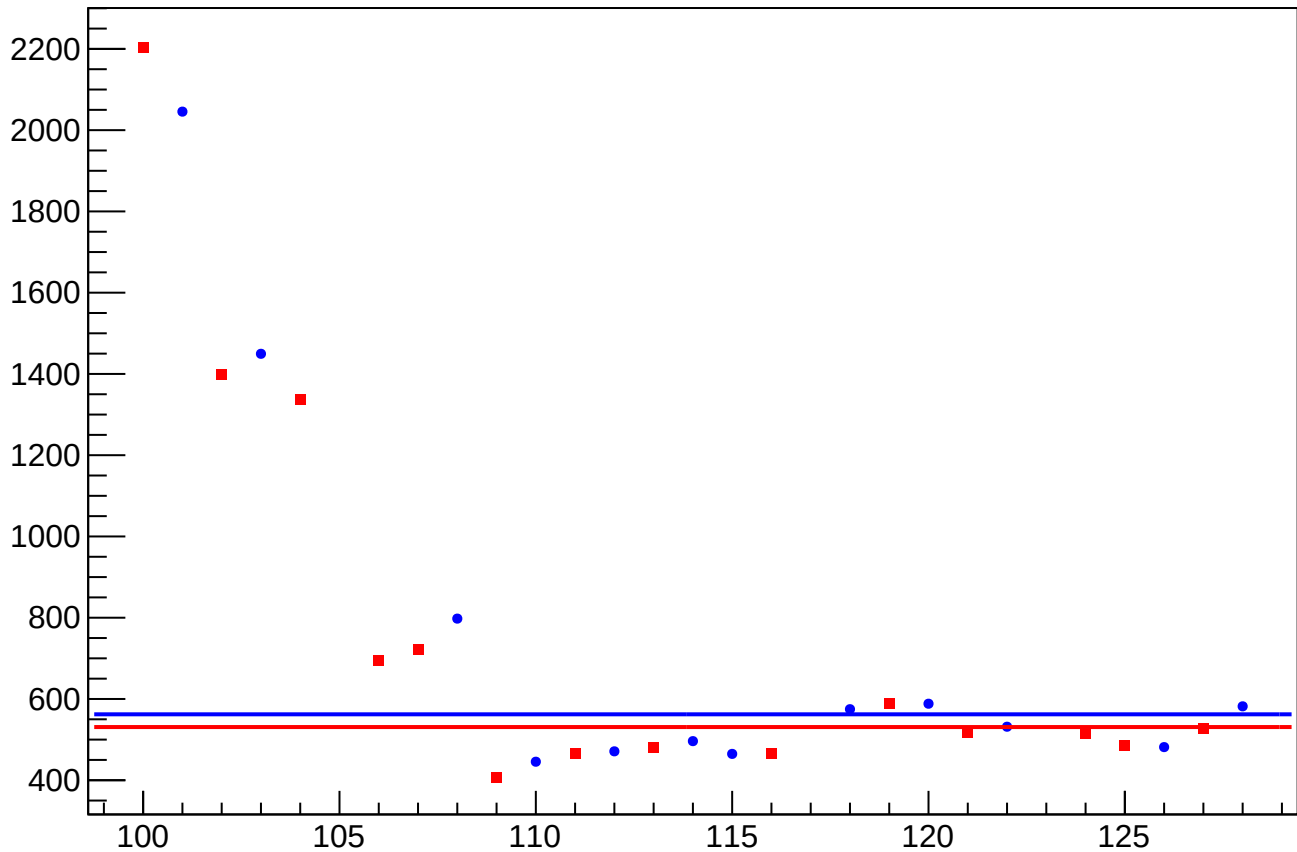
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -227.412+/-180.189 χ^2/NDF : 24.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_dit_correction_rms vs Slug



Right In: 562.249+/-0.191 χ^2/NDF : 1327330.8/11

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

Right Out: 530.905+/-0.171 χ^2/NDF : 1173778.2/13

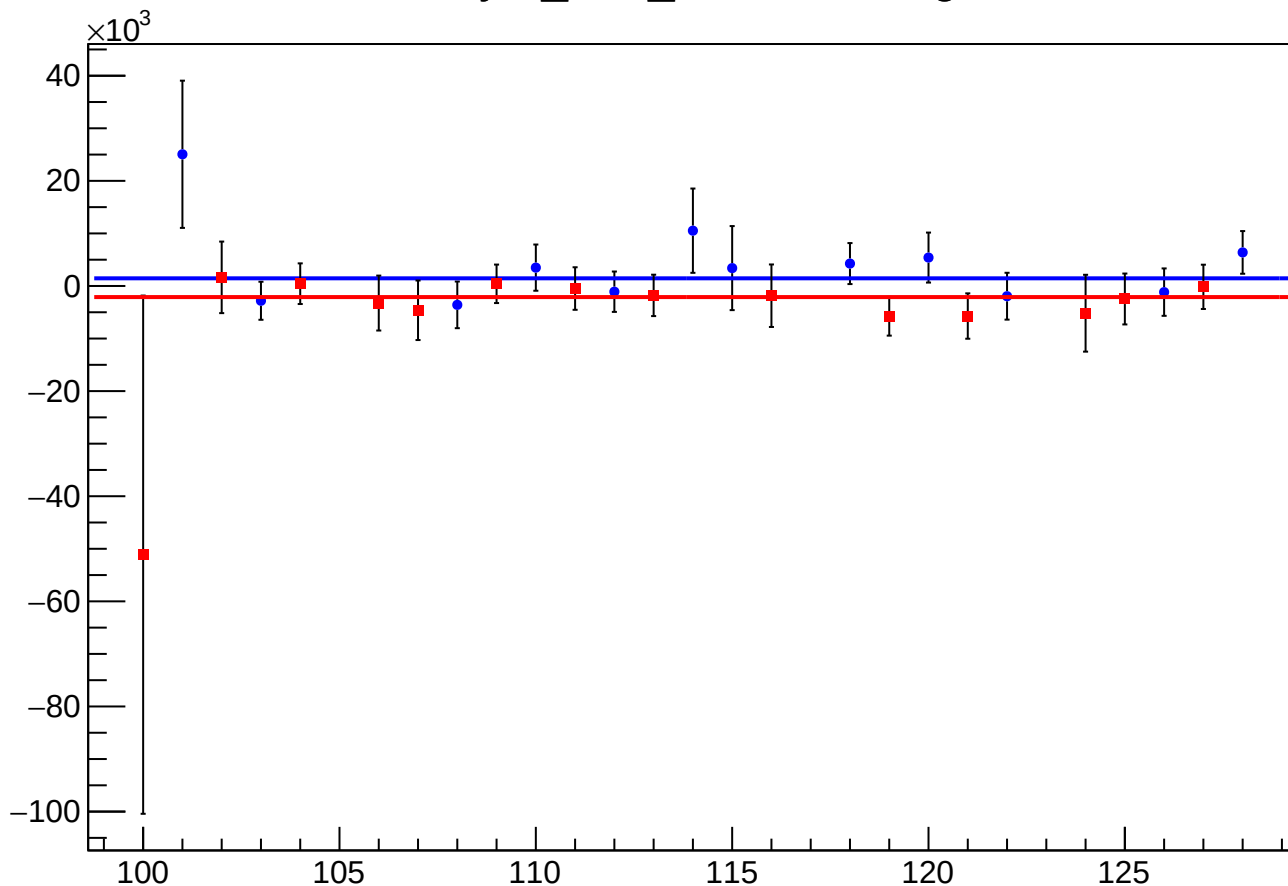
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 544.810+/-0.127 χ^2/NDF : 2516046.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_mean vs Slug



Right In: 1457.265 ± 1344.633 χ^2/NDF : 11.1/11

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

Right Out: -2110.876 ± 1259.626 χ^2/NDF : 4.7/13

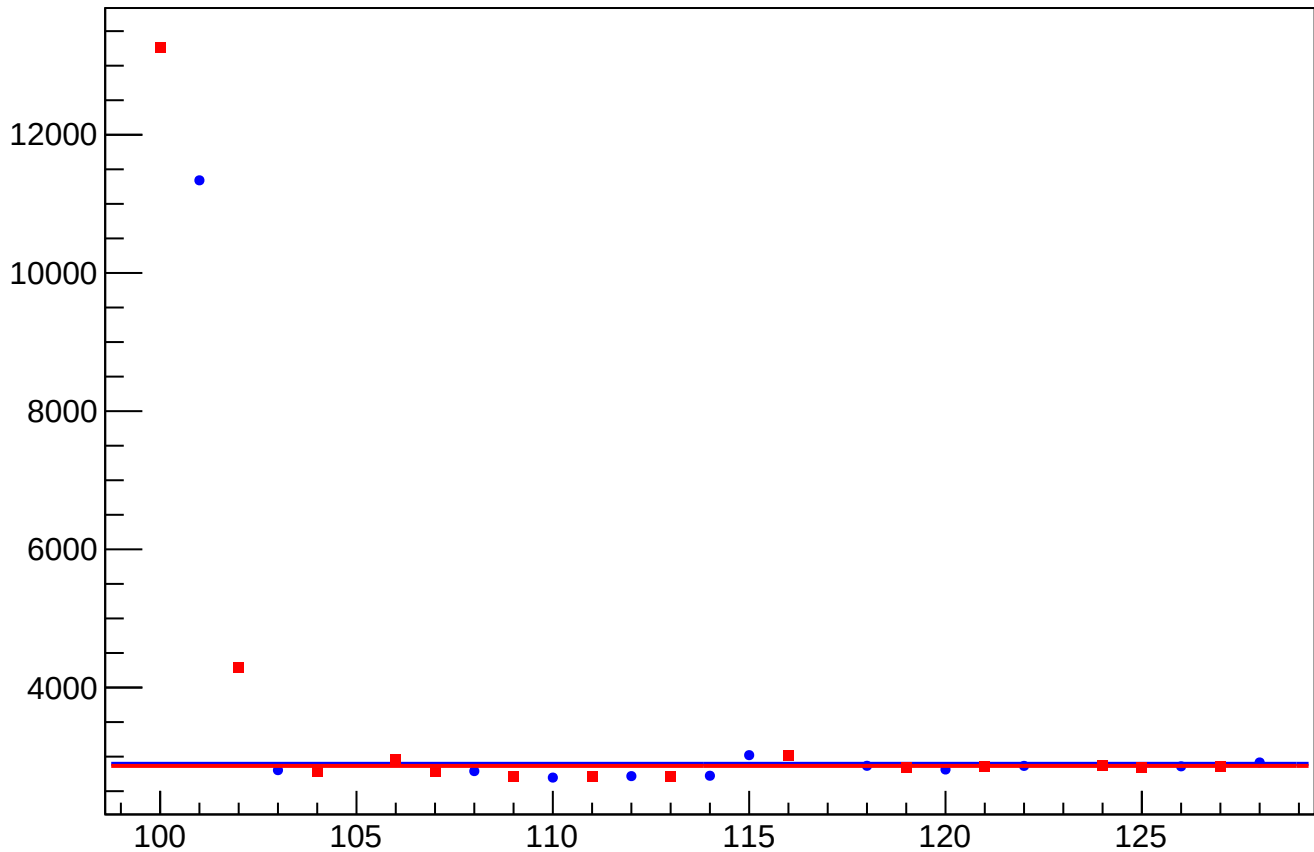
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -443.150 ± 919.274 χ^2/NDF : 19.6/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1_rms vs Slug



Right In: 2895.920+/-0.951 χ^2 /NDF: 740354.5/11

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

Right Out: 2865.791+/-0.891 χ^2 /NDF: 190234.6/13

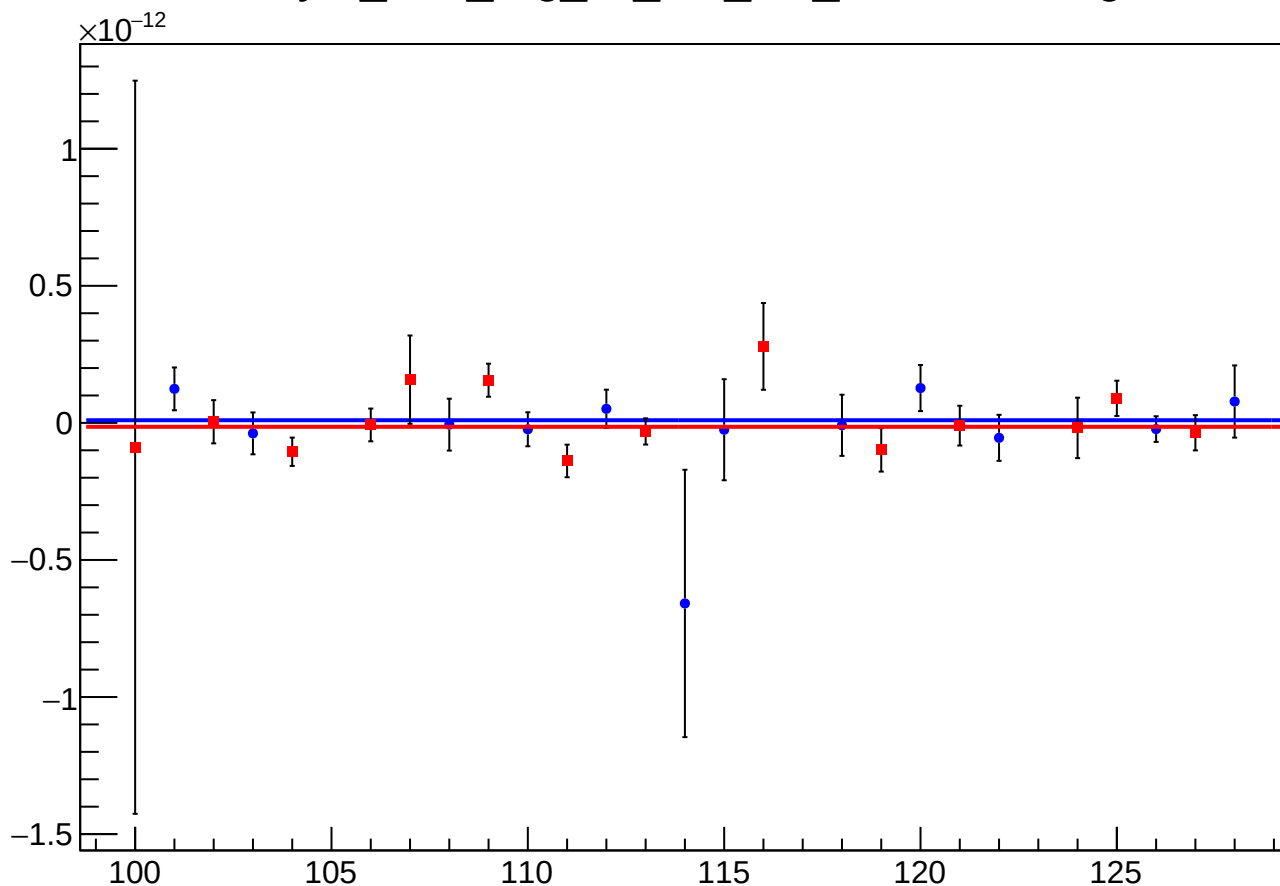
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 2879.873+/-0.650 χ^2 /NDF: 931124.0/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr1_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 8.4/11

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

Right Out: -0.000+/-0.000 χ^2/NDF : 24.1/13

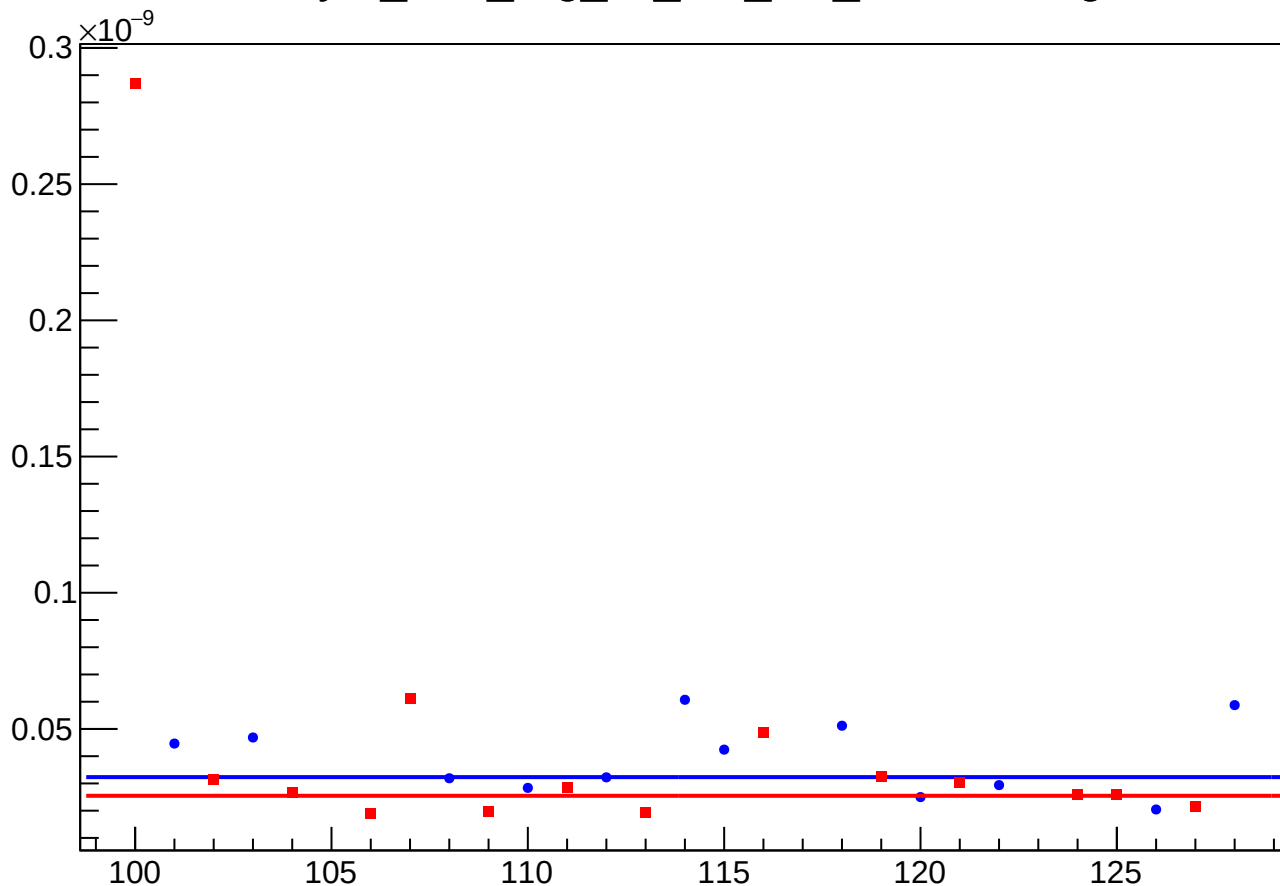
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 427714.1/11

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

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 343210.6/13

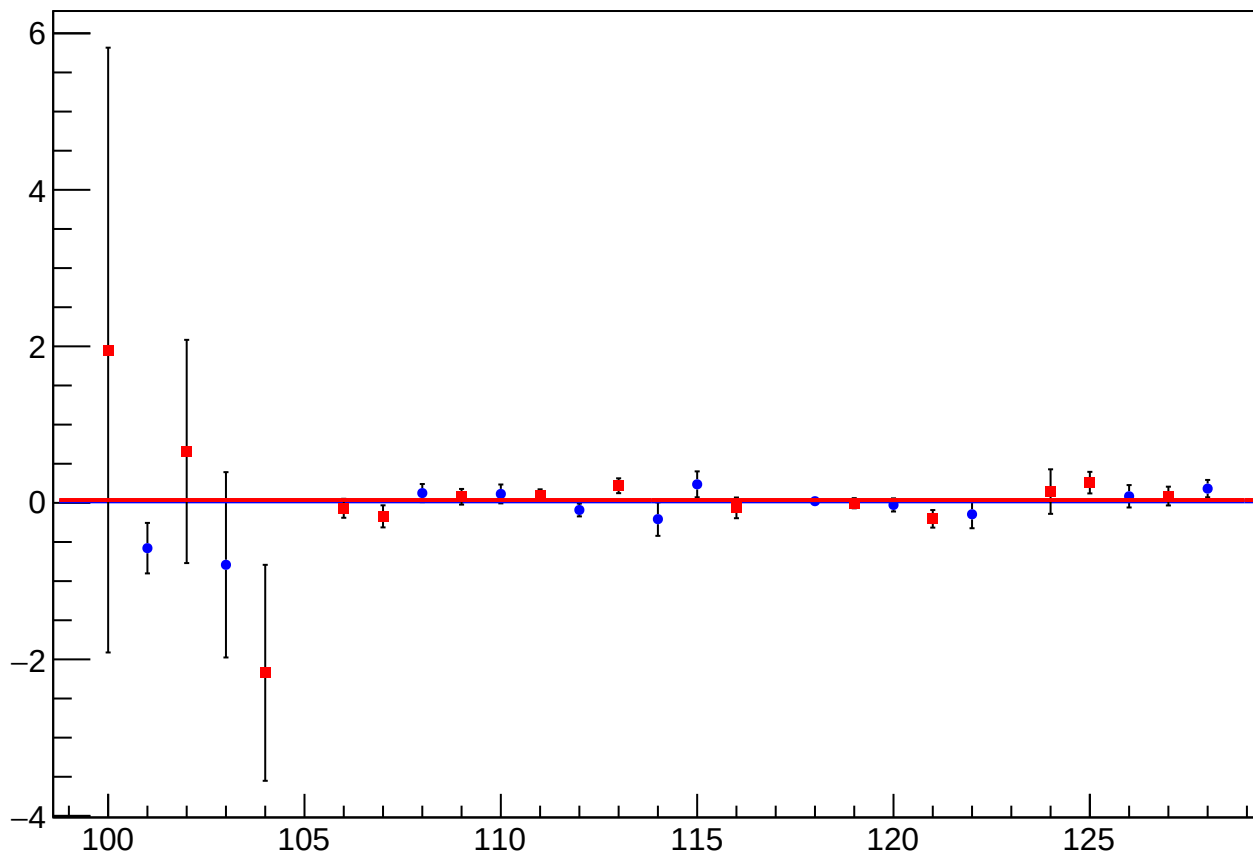
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2/NDF : 874747.5/25

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

asym_atr1_dit_vs_cor_diff_mean vs Slug



Right In: 0.020+/-0.031 χ^2/NDF : 13.5/11

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

Right Out: 0.036+/-0.031 χ^2/NDF : 19.0/13

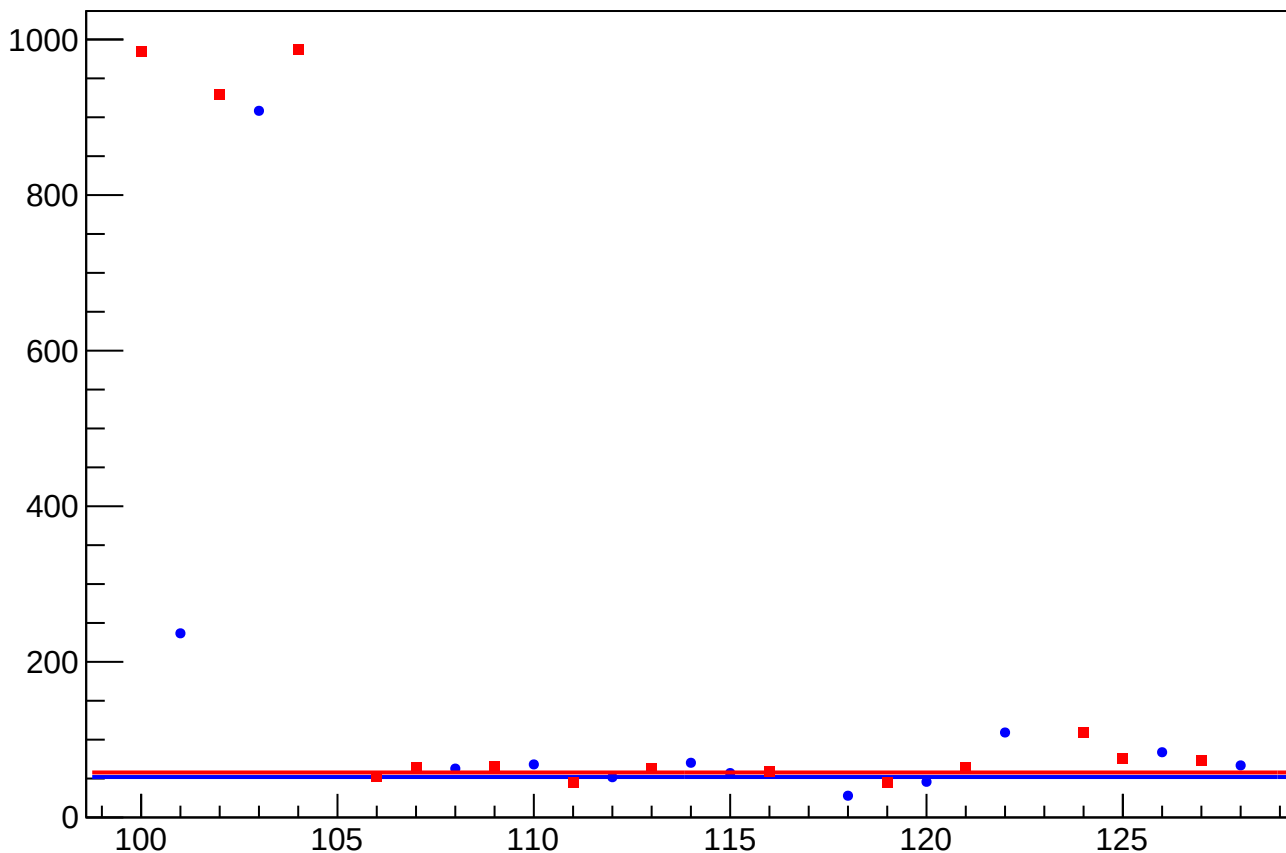
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.022 χ^2/NDF : 32.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_dit_vs_cor_diff_rms vs Slug



Right In: 51.959+/-0.022 χ^2/NDF : 2536264.9/11

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

Right Out: 57.821+/-0.022 χ^2/NDF : 2085534.6/13

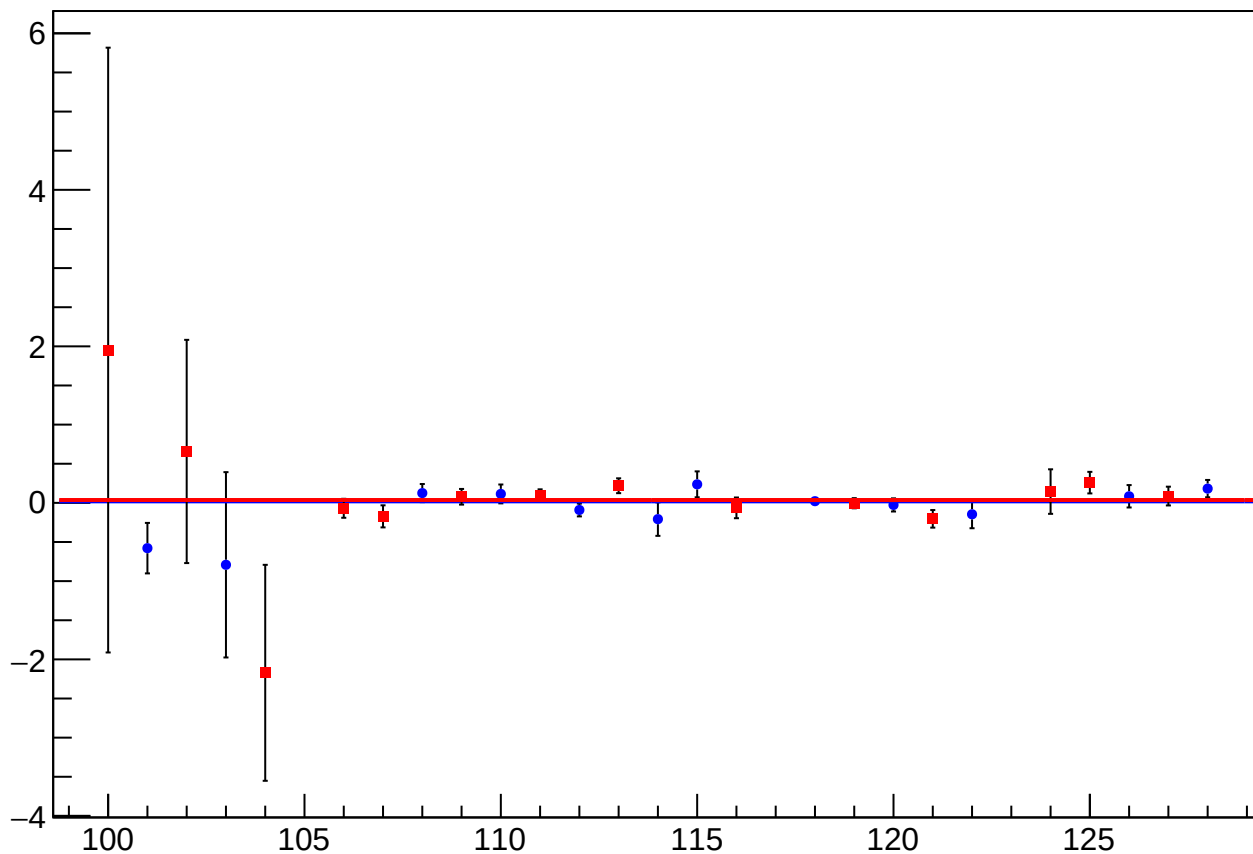
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.898+/-0.016 χ^2/NDF : 4656984.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.020 $\pm$ 0.031 χ^2 /NDF: 13.5/11

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

Right Out: 0.036 $\pm$ 0.031 χ^2 /NDF: 19.0/13

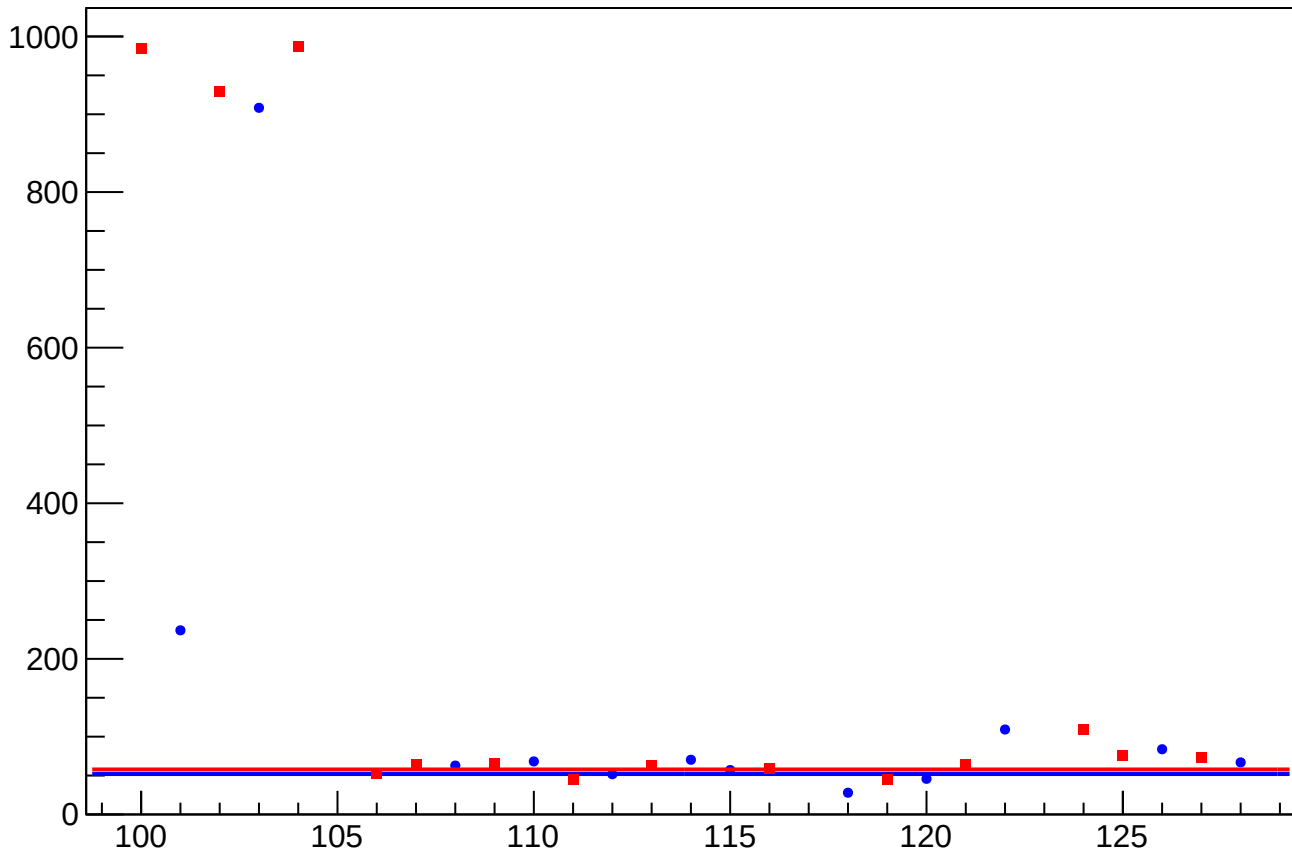
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.028 $\pm$ 0.022 χ^2 /NDF: 32.7/25

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

asym_atr1_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 51.959+/-0.022 χ^2/NDF : 2536264.9/11

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

Right Out: 57.821+/-0.022 χ^2/NDF : 2085534.6/13

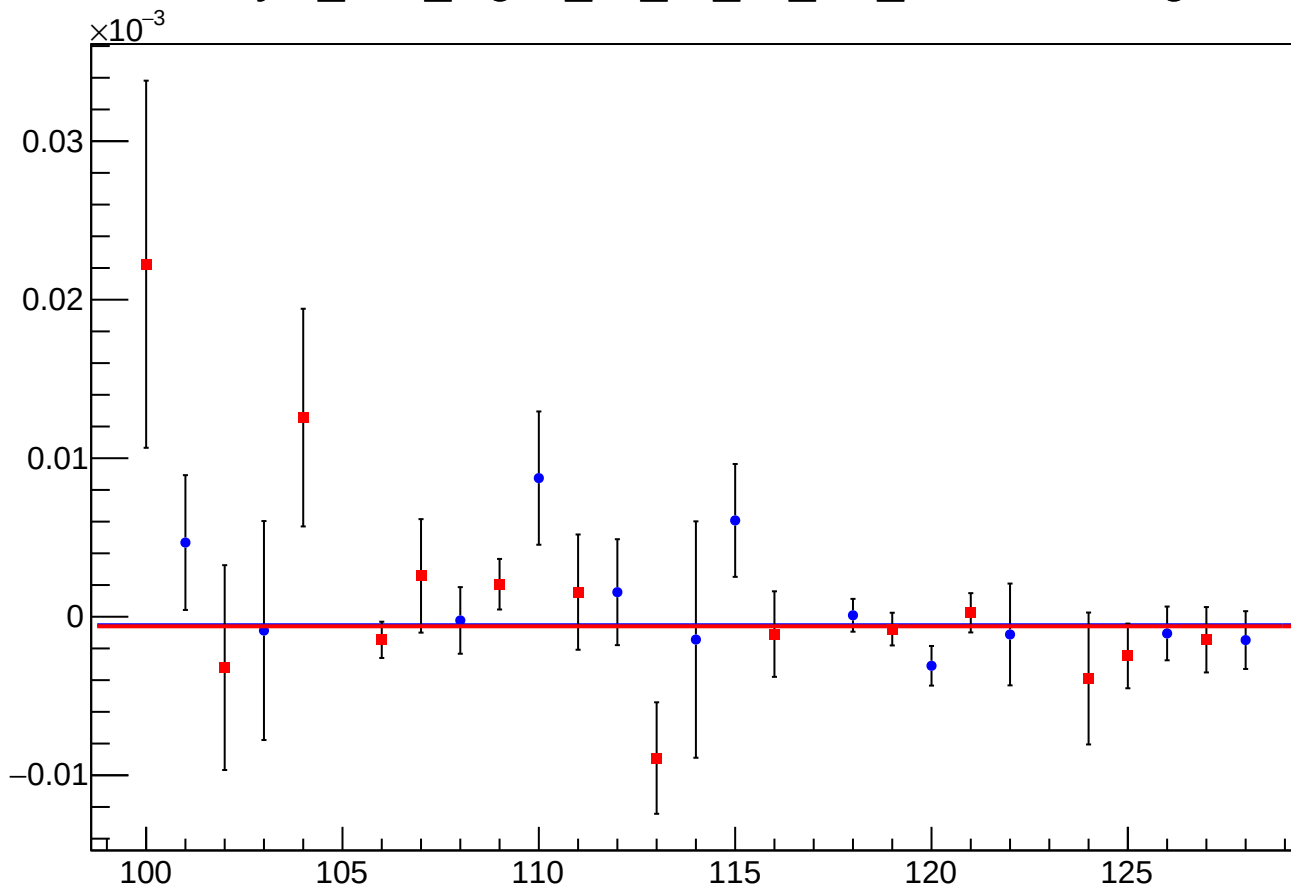
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.898+/-0.016 χ^2/NDF : 4656984.3/25

- 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 $\pm$ 0.000 χ^2 /NDF: 15.2/11

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.0/13

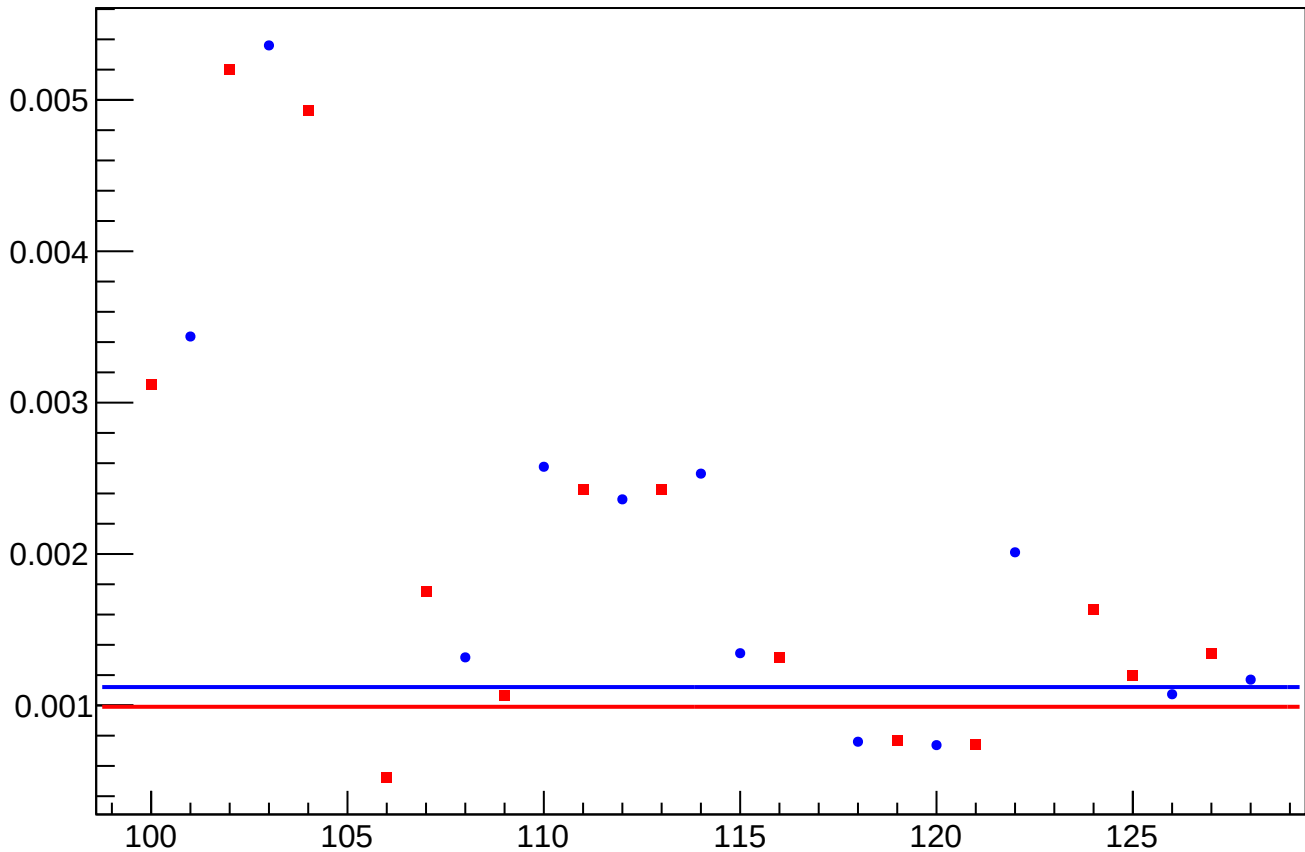
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 35.2/25

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

asym_atr1_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 2547451.3/11

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

Right Out: 0.001+/-0.000 χ^2/NDF : 2979297.5/13

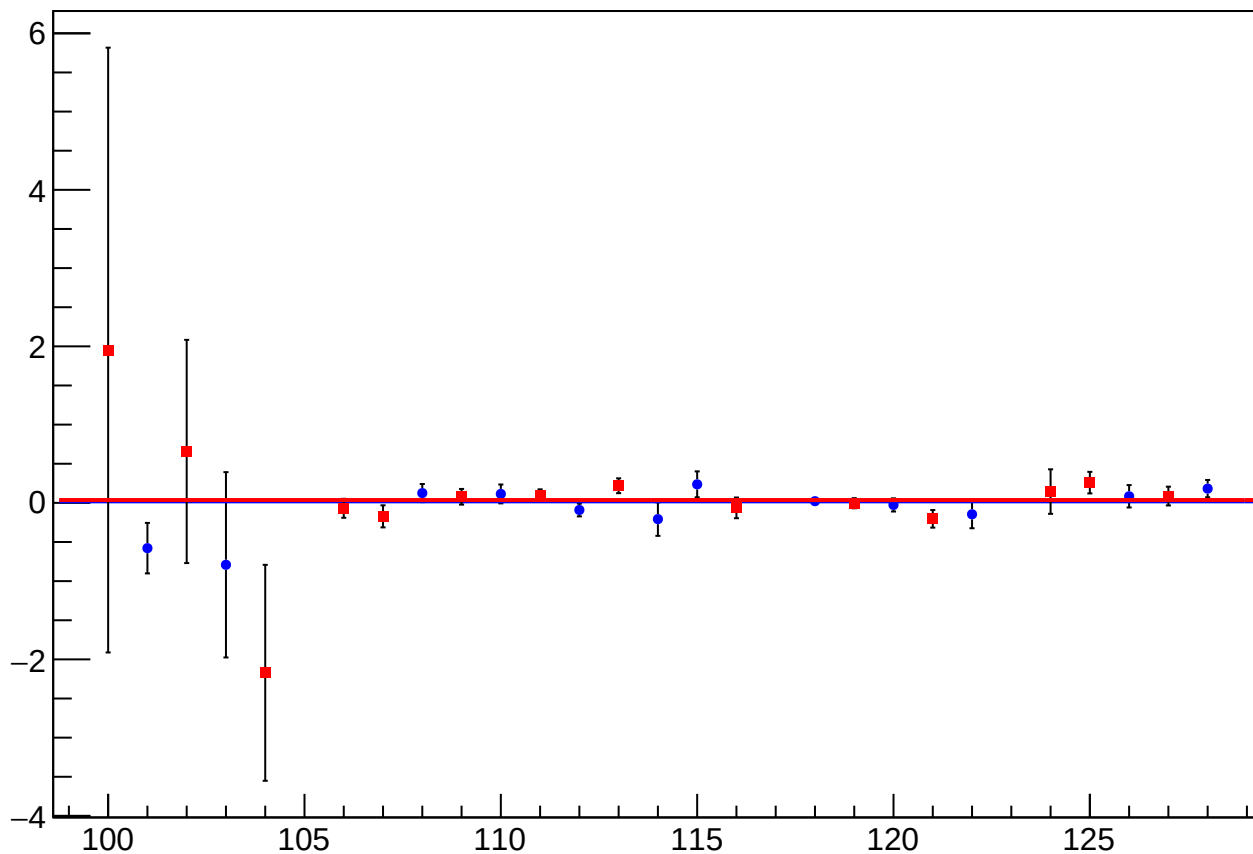
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5581633.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.020+/-0.031 χ^2/NDF : 13.5/11

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

Right Out: 0.036+/-0.031 χ^2/NDF : 19.0/13

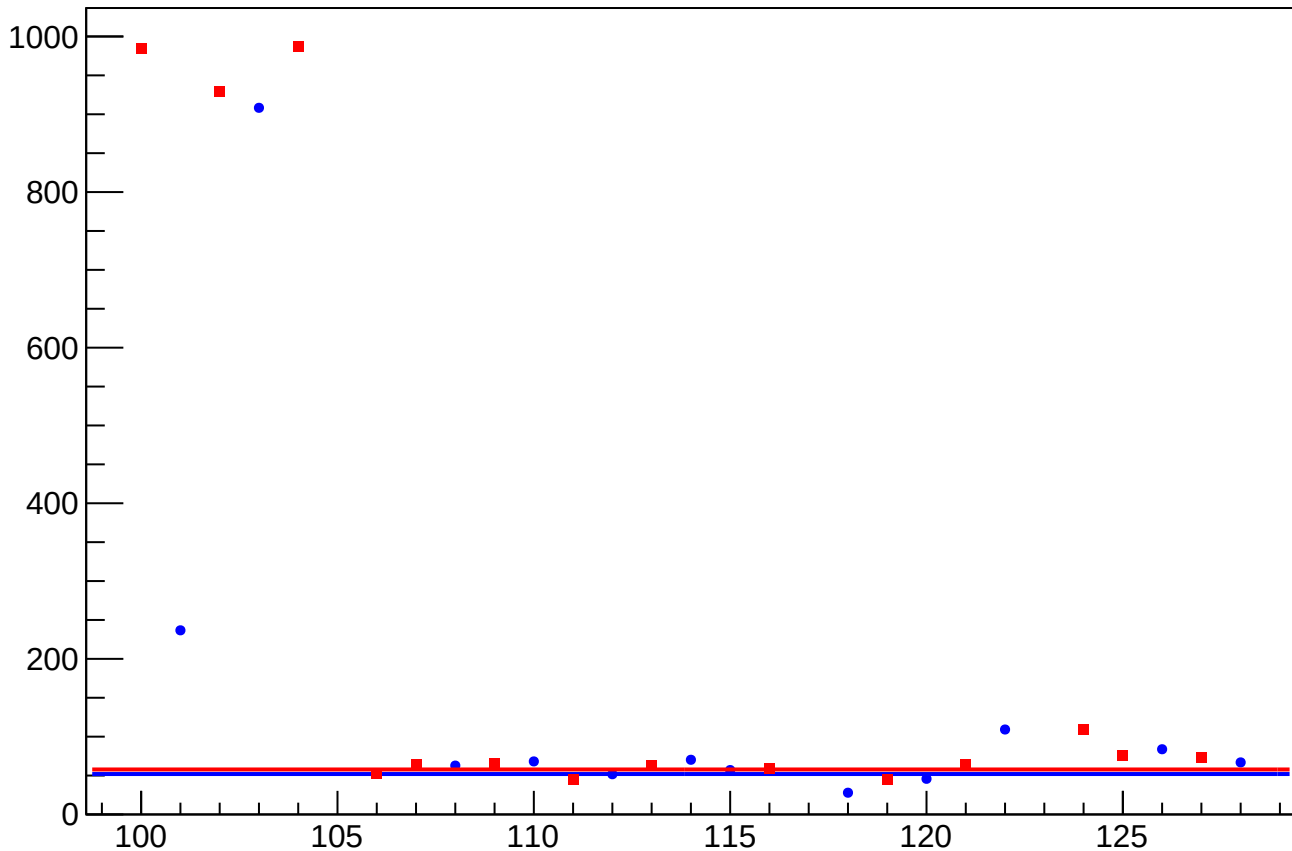
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.022 χ^2/NDF : 32.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 51.958+/-0.022 χ^2/NDF : 2536323.8/11

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

Right Out: 57.821+/-0.022 χ^2/NDF : 2085529.7/13

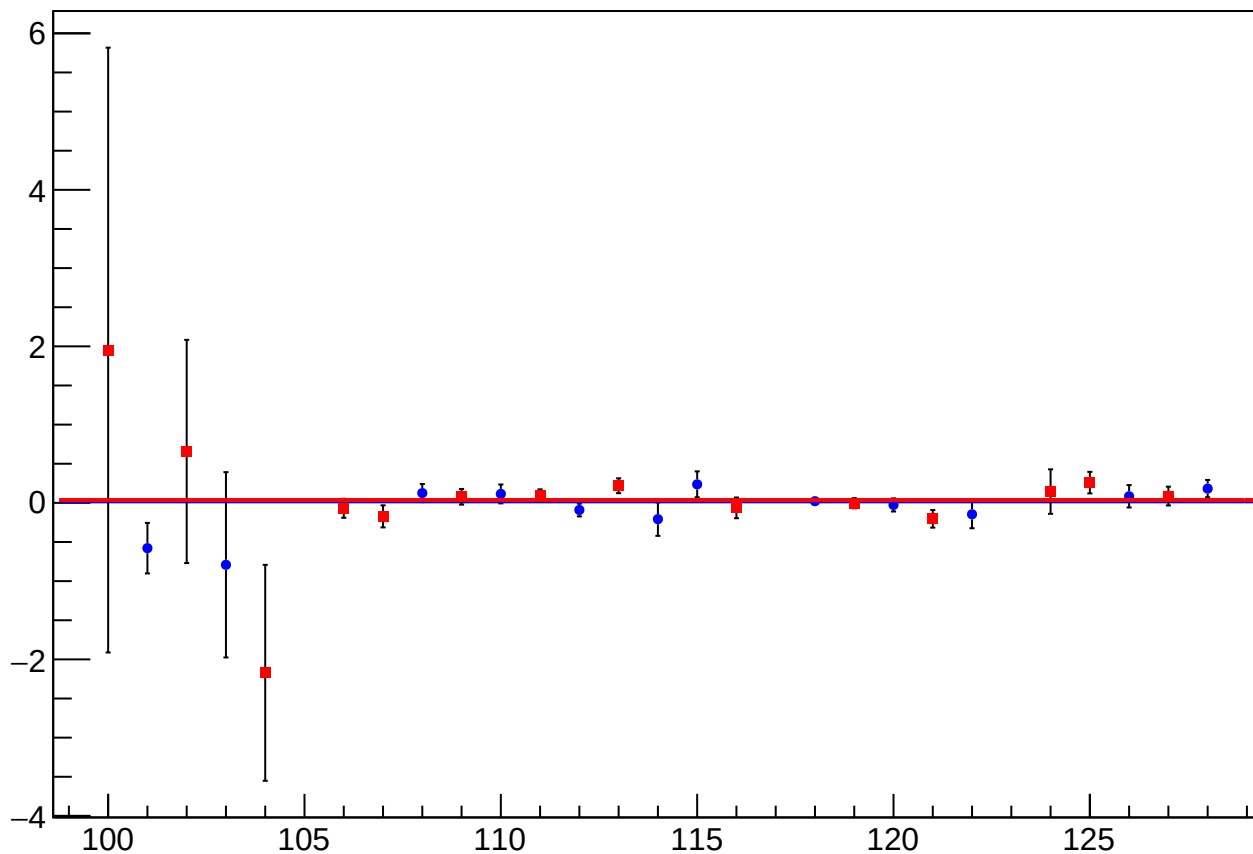
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.897+/-0.016 χ^2/NDF : 4657047.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.020 $\pm$ 0.031 χ^2 /NDF: 13.5/11

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

Right Out: 0.036 $\pm$ 0.031 χ^2 /NDF: 19.0/13

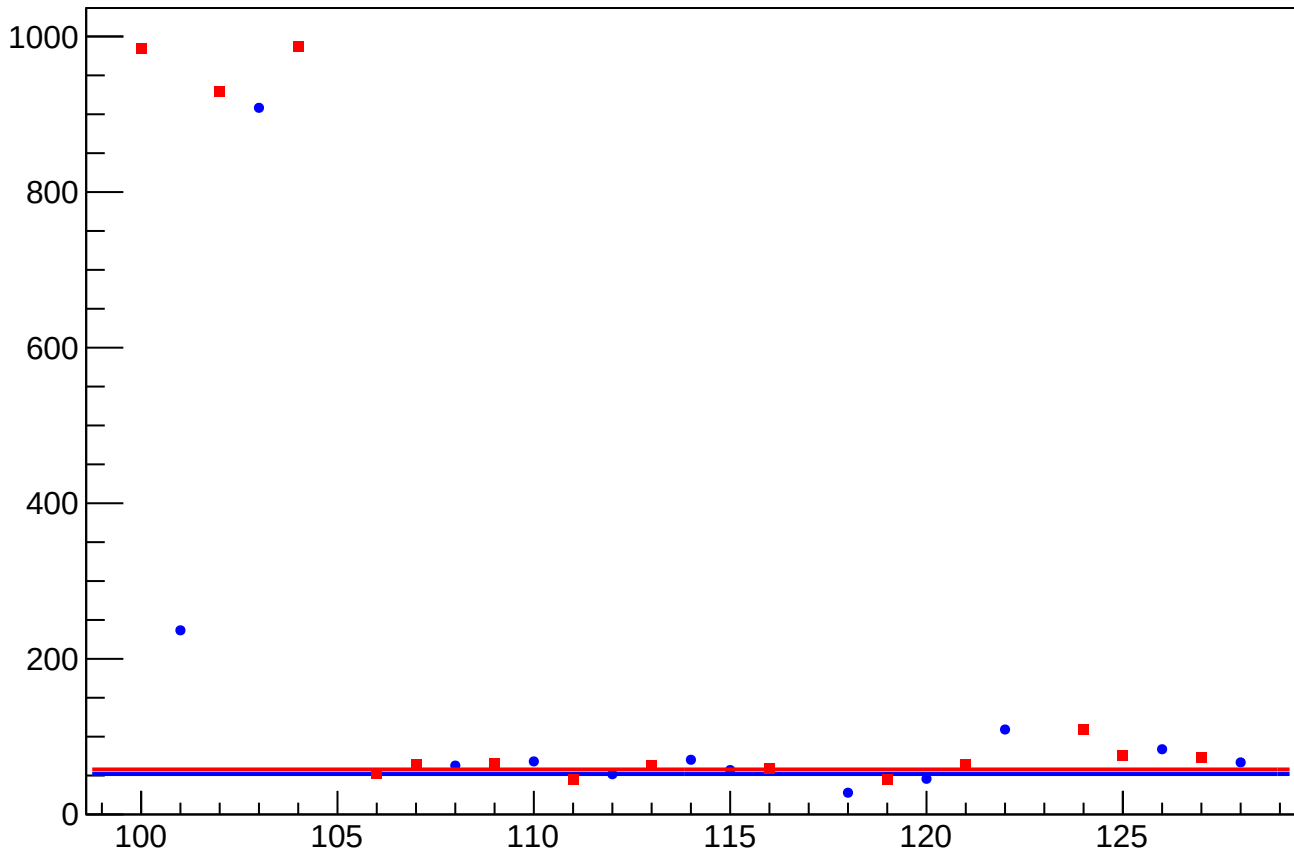
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.028 $\pm$ 0.022 χ^2 /NDF: 32.7/25

- 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: 51.958+/-0.022 χ^2/NDF : 2536323.8/11

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

Right Out: 57.821+/-0.022 χ^2/NDF : 2085529.7/13

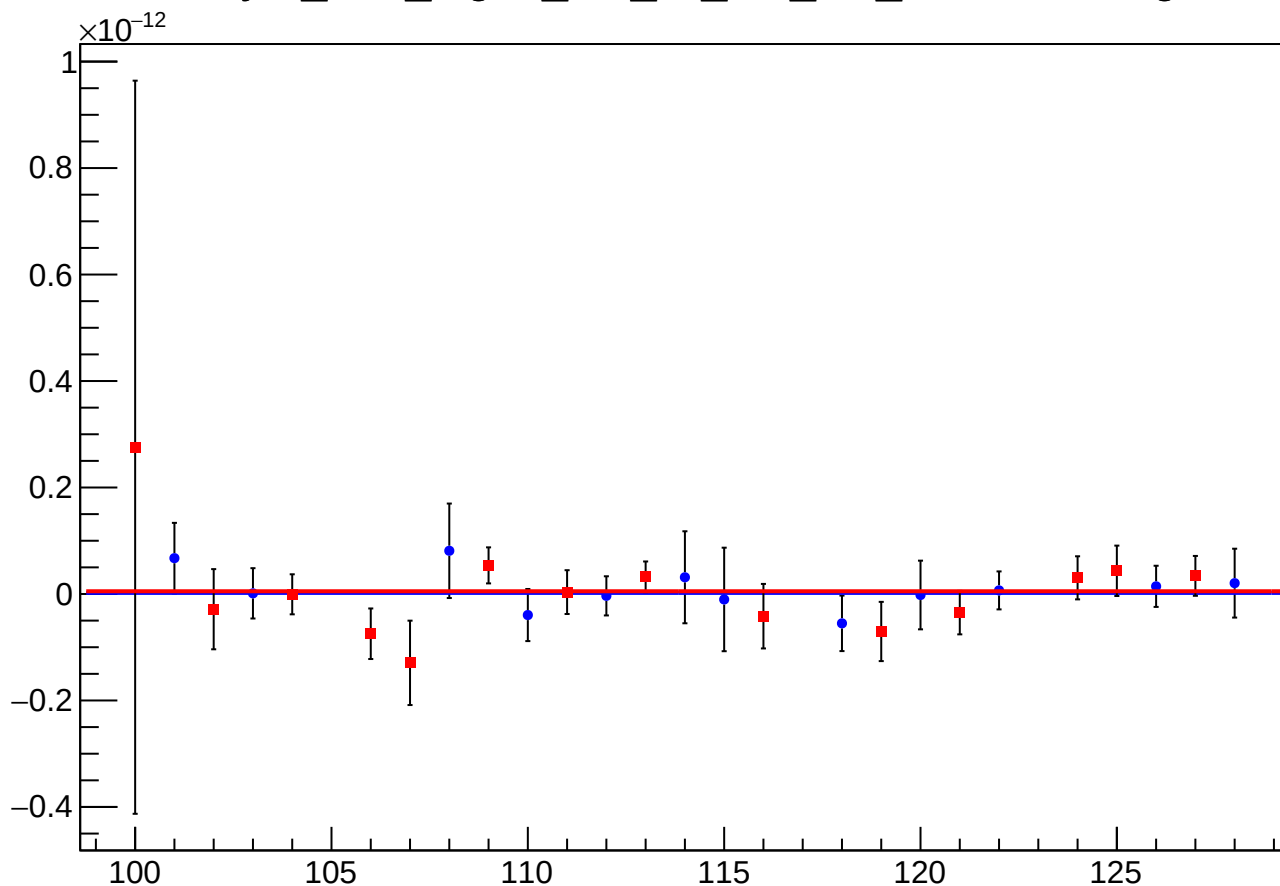
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.897+/-0.016 χ^2/NDF : 4657047.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.0/11

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.1/13

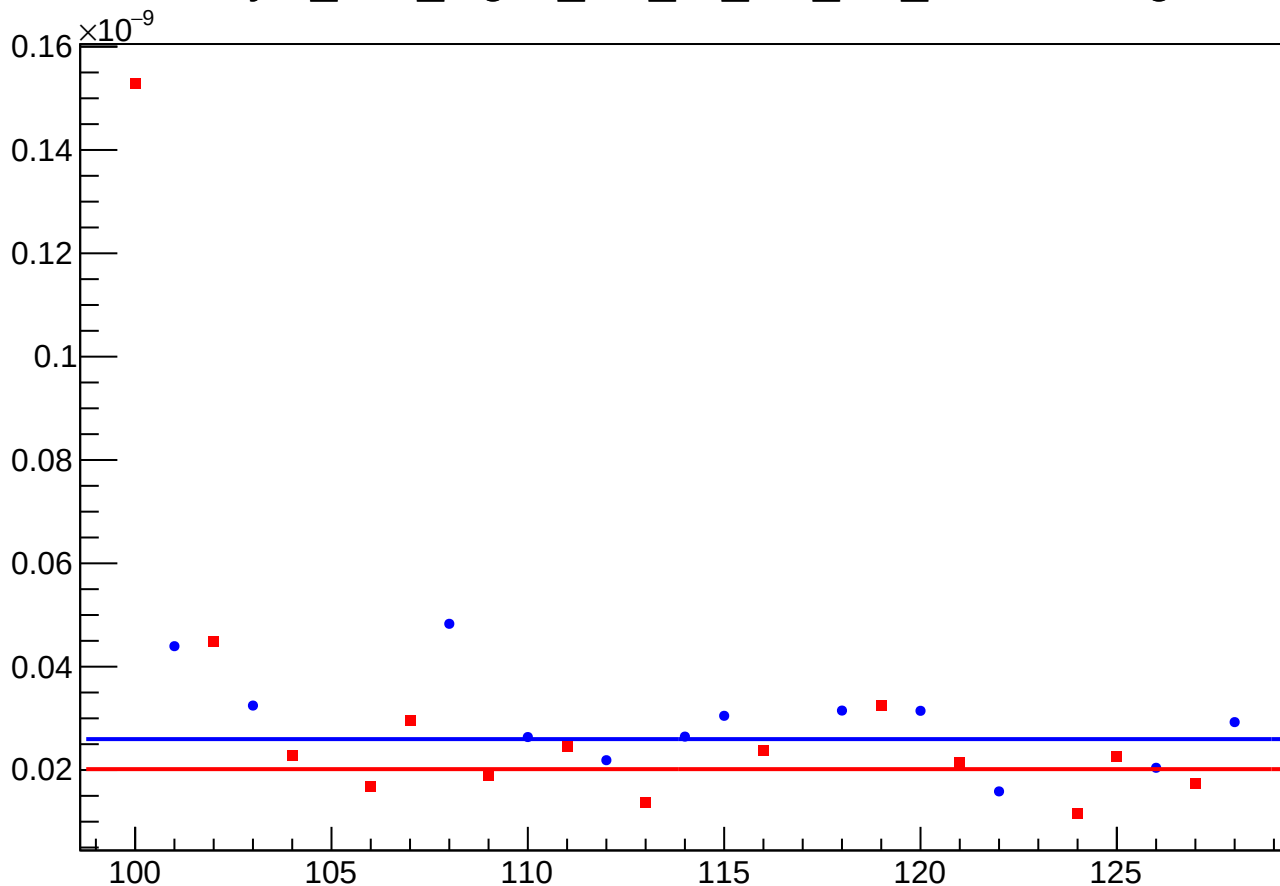
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.2/25

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

asym_atr1_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 585083.2/11

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

Right Out: 0.000+/-0.000 χ^2/NDF : 674337.9/13

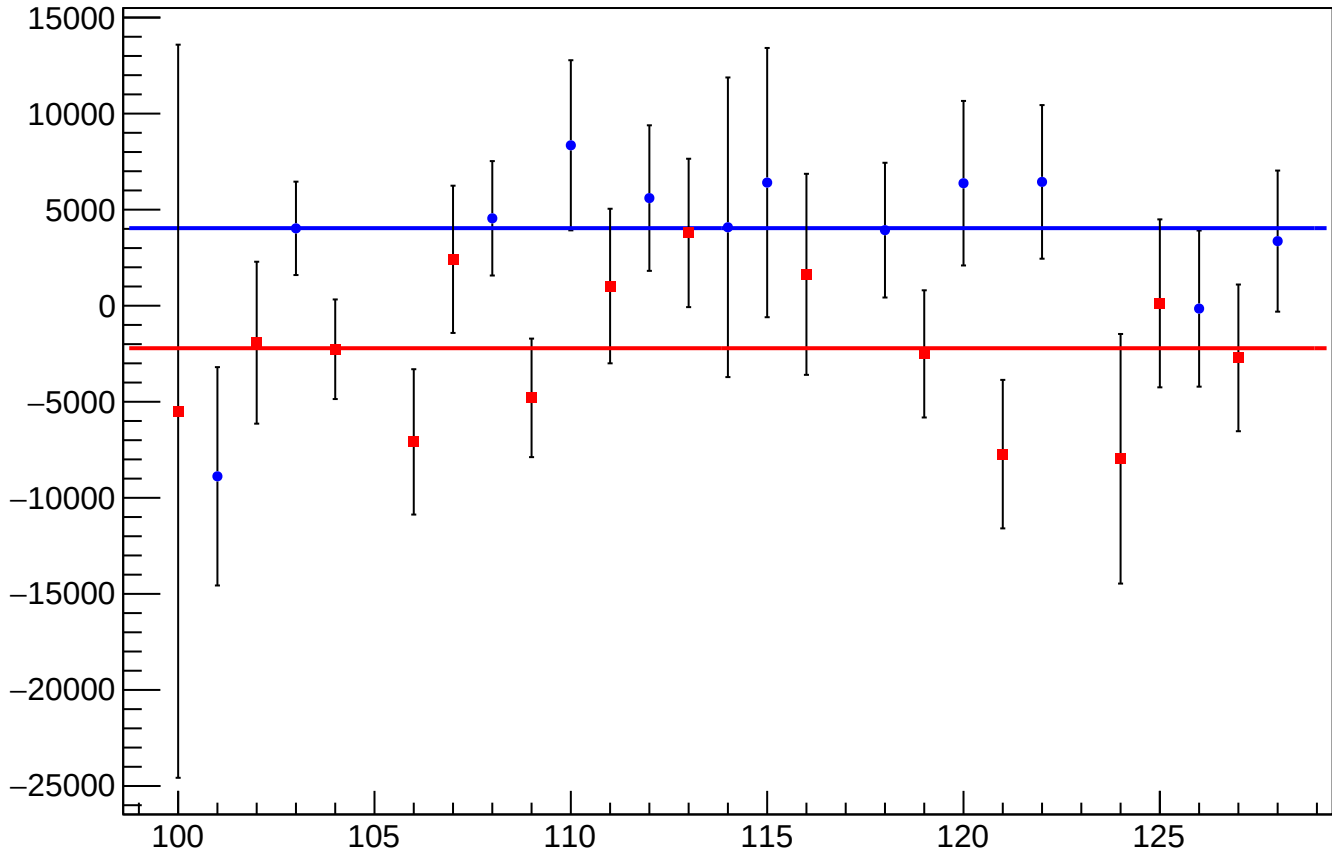
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1445788.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_mean vs Slug



Right In: 4037.542 $\pm$ 1115.507 χ^2 /NDF: 8.2/11

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

Right Out: -2212.403 $\pm$ 1043.086 χ^2 /NDF: 10.6/13

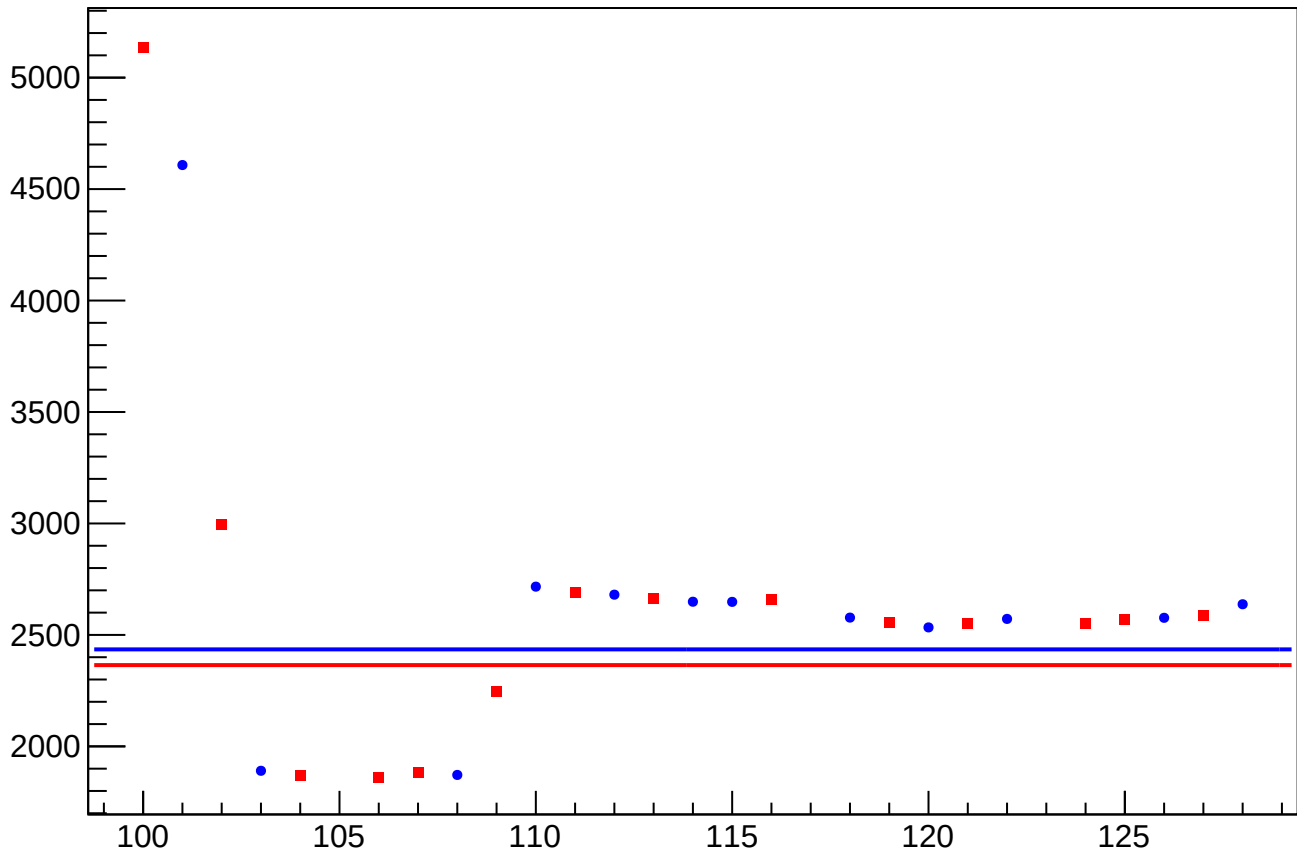
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 703.120 $\pm$ 761.890 χ^2 /NDF: 35.5/25

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

reg_asym_atr2_rms vs Slug



Right In: 2435.120+/-0.789 χ^2/NDF : 499373.6/11

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

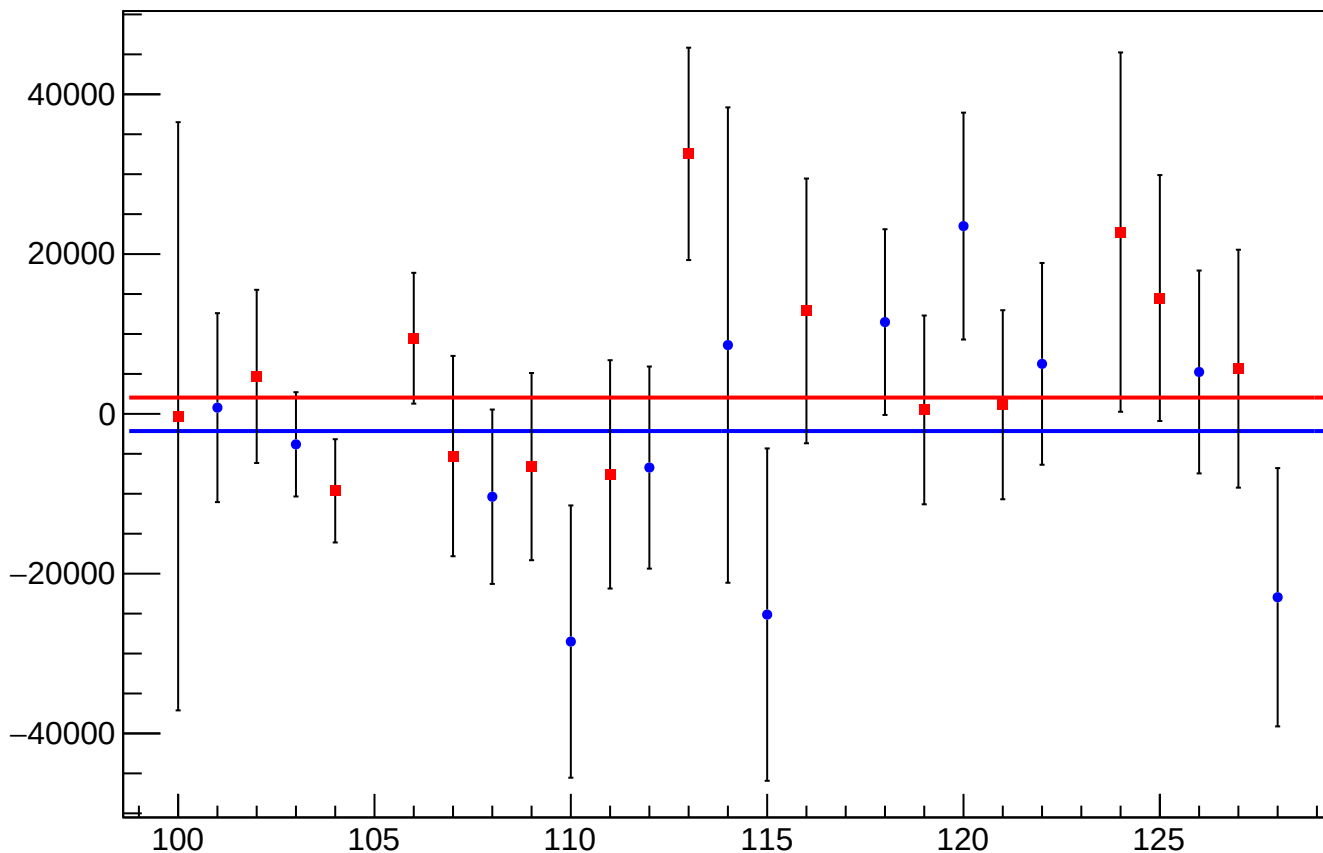
Right Out: 2364.611+/-0.738 χ^2/NDF : 286463.6/13

All: 2397.503+/-0.539 χ^2/NDF : 790100.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_atr2_reg_correction_mean vs Slug



Right In: -2151.427+/-3517.668 χ^2 /NDF: 11.6/11

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

Right Out: 2040.921+/-3147.040 χ^2 /NDF: 12.8/13

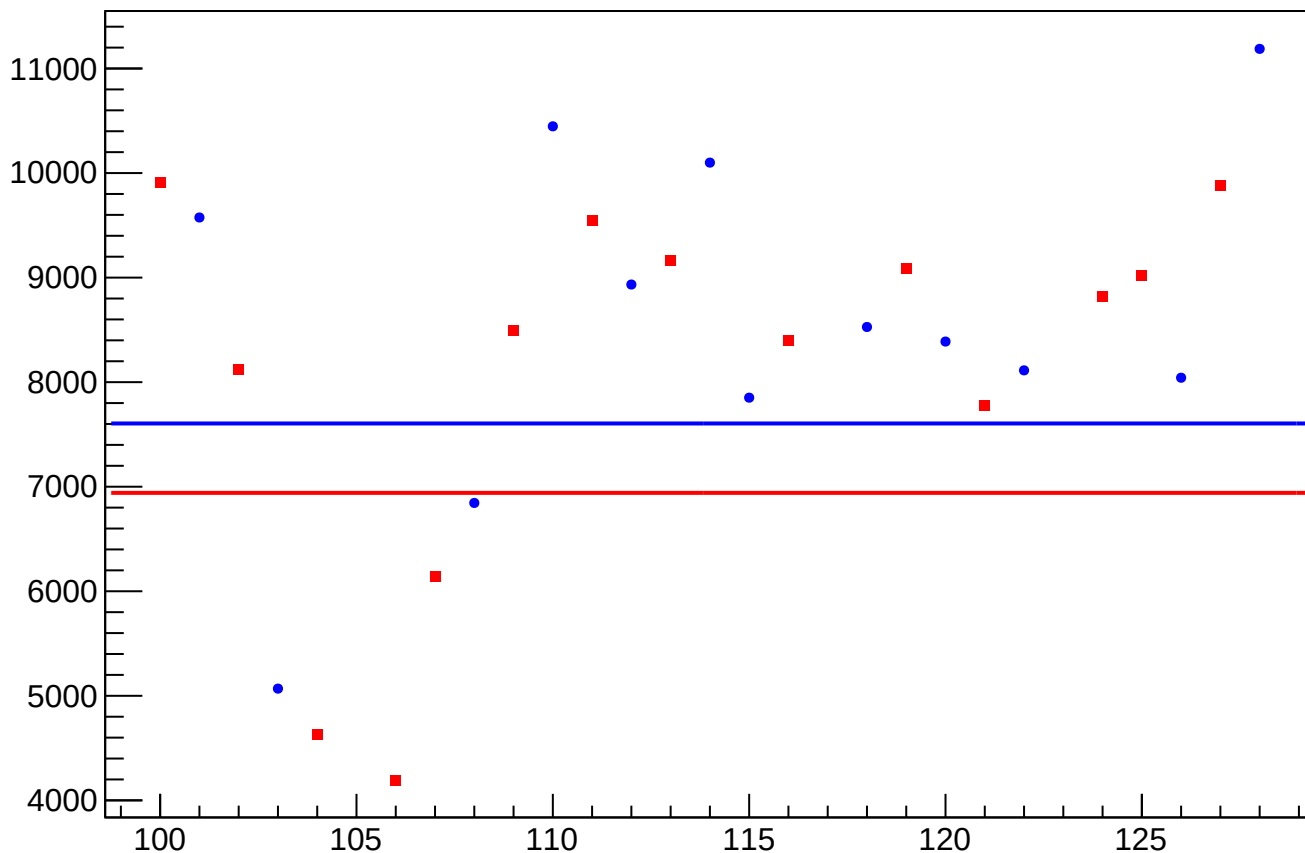
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 177.167+/-2345.419 χ^2 /NDF: 25.2/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr2_reg_correction_rms vs Slug



Right In: 7604.886+/-2.487 χ^2/NDF : 581733.9/11

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

Right Out: 6941.138+/-2.225 χ^2/NDF : 902824.6/13

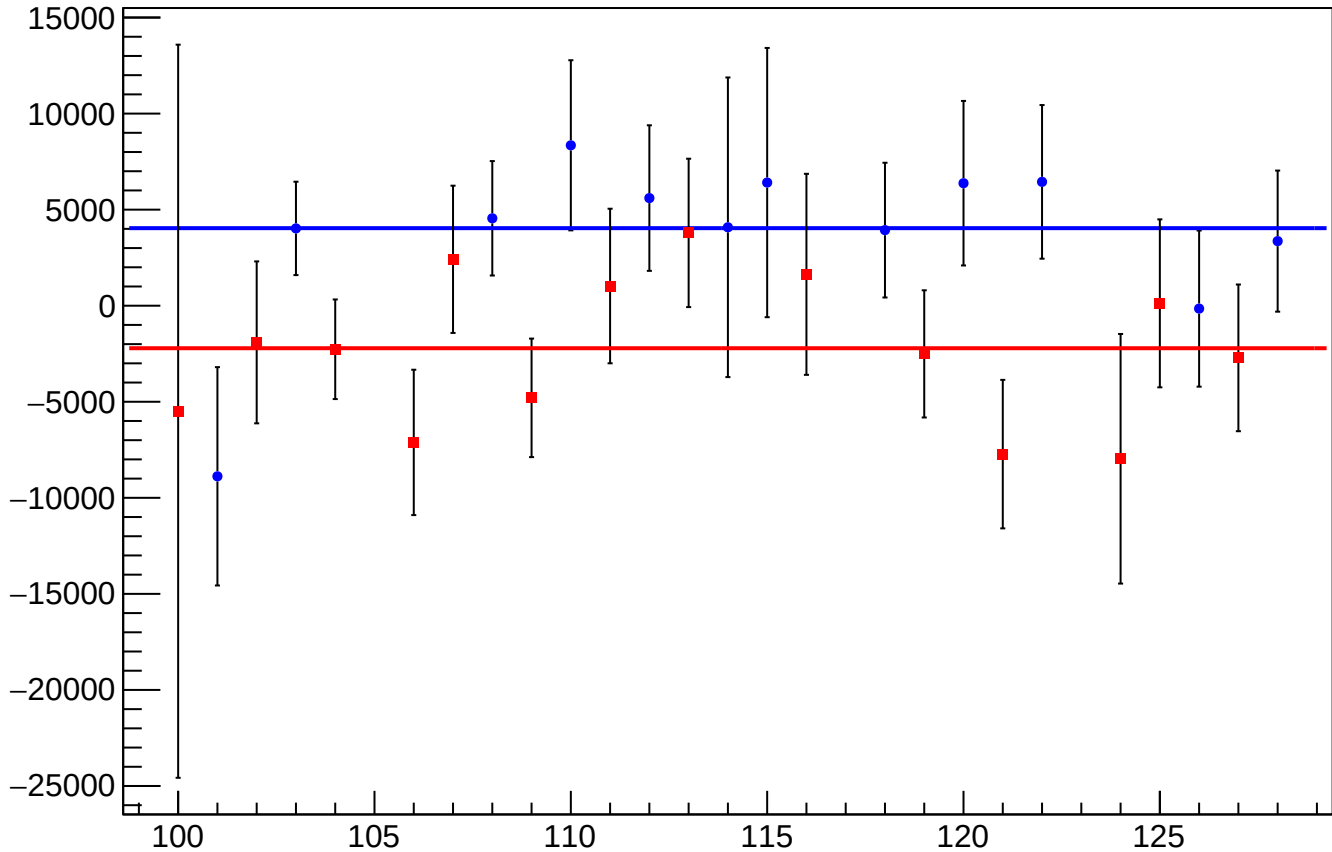
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7236.214+/-1.658 χ^2/NDF : 1524110.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr2_mean vs Slug



Right In: 4036.886 $\pm$ 1115.507 χ^2 /NDF: 8.2/11

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

Right Out: -2213.324 $\pm$ 1043.097 χ^2 /NDF: 10.6/13

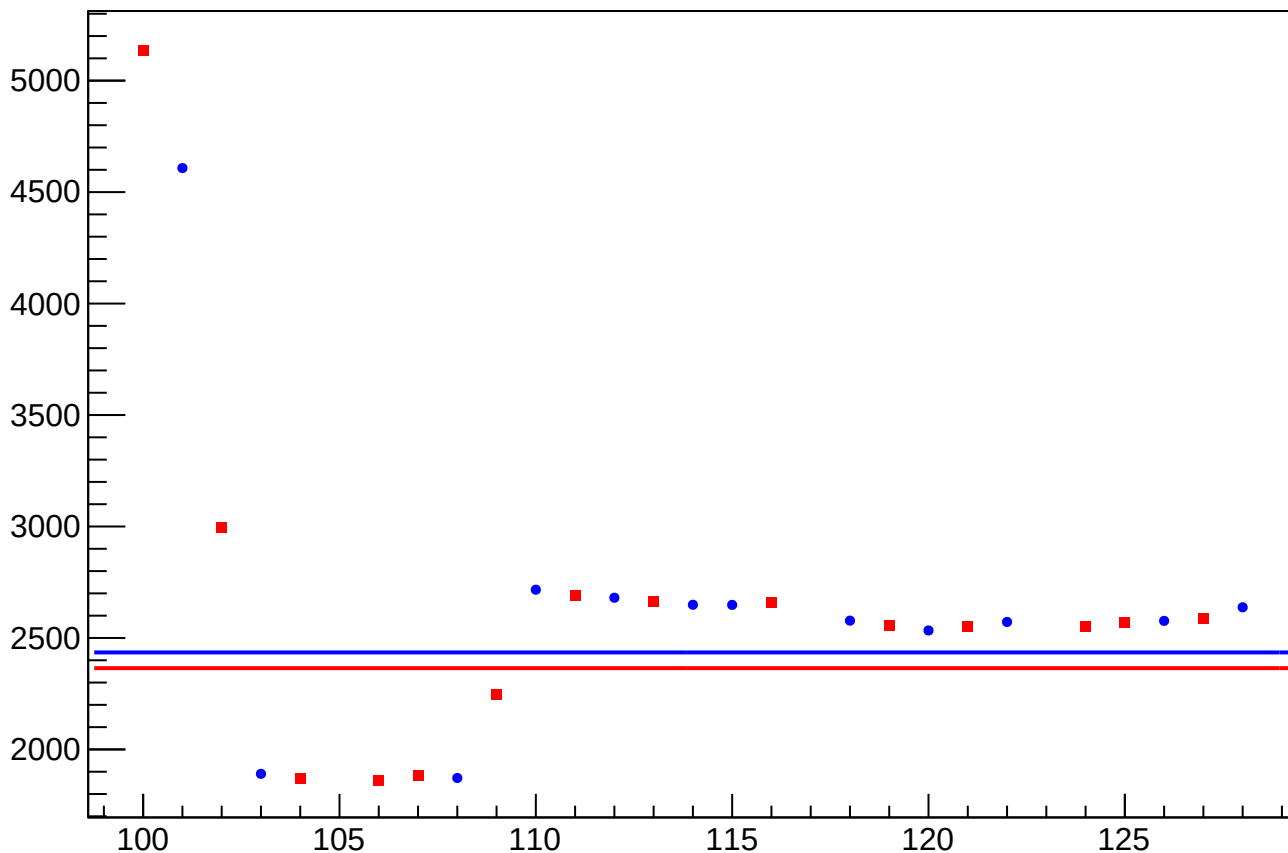
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 702.353 $\pm$ 761.894 χ^2 /NDF: 35.5/25

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

cor_asym_atr2_rms vs Slug



Right In: 2435.122+/-0.789 χ^2/NDF : 499371.7/11

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

Right Out: 2364.640+/-0.738 χ^2/NDF : 286418.7/13

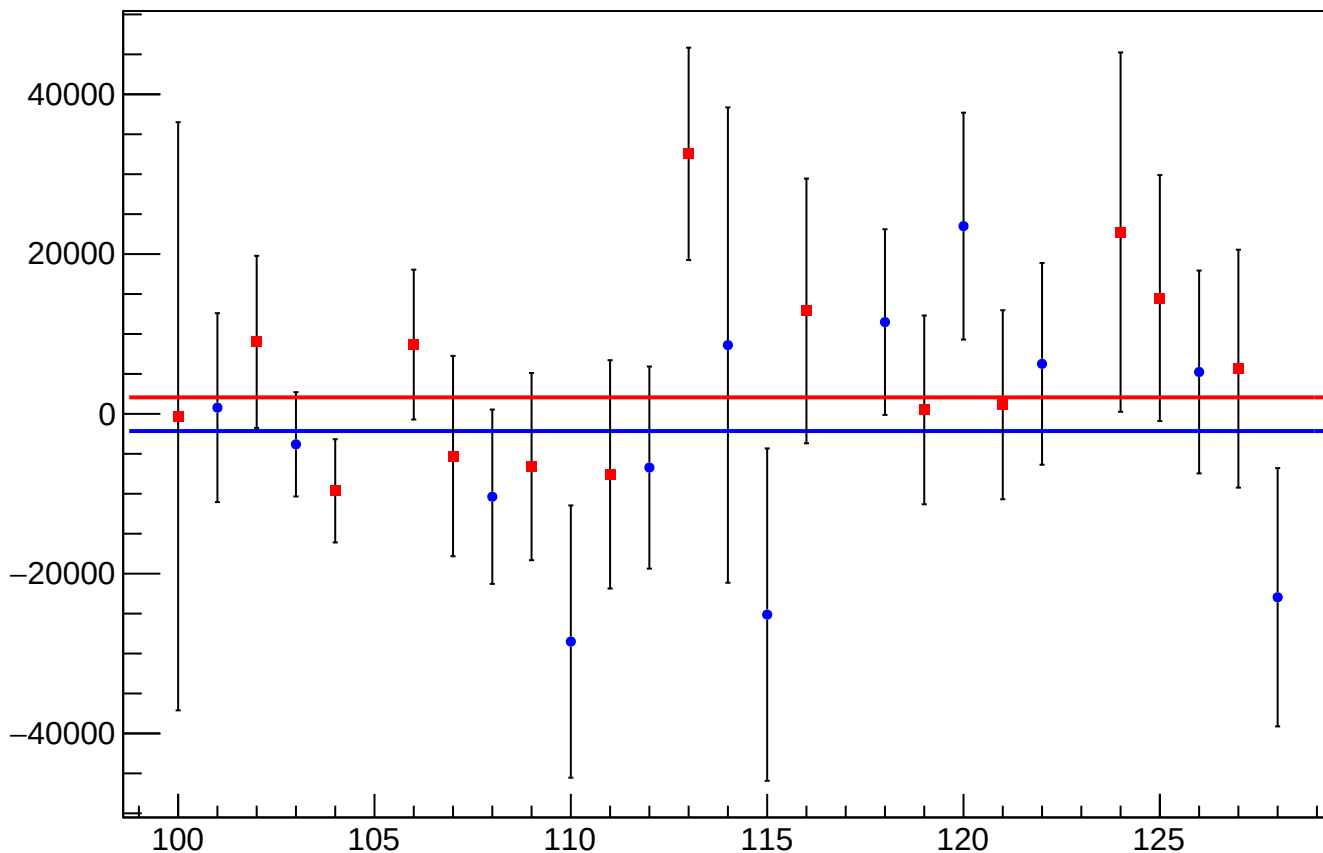
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2397.519+/-0.539 χ^2/NDF : 790050.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_cor_correction_mean vs Slug



Right In: -2151.070+/-3517.801 χ^2/NDF : 11.6/11

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

Right Out: 2063.300+/-3201.971 χ^2/NDF : 12.8/13

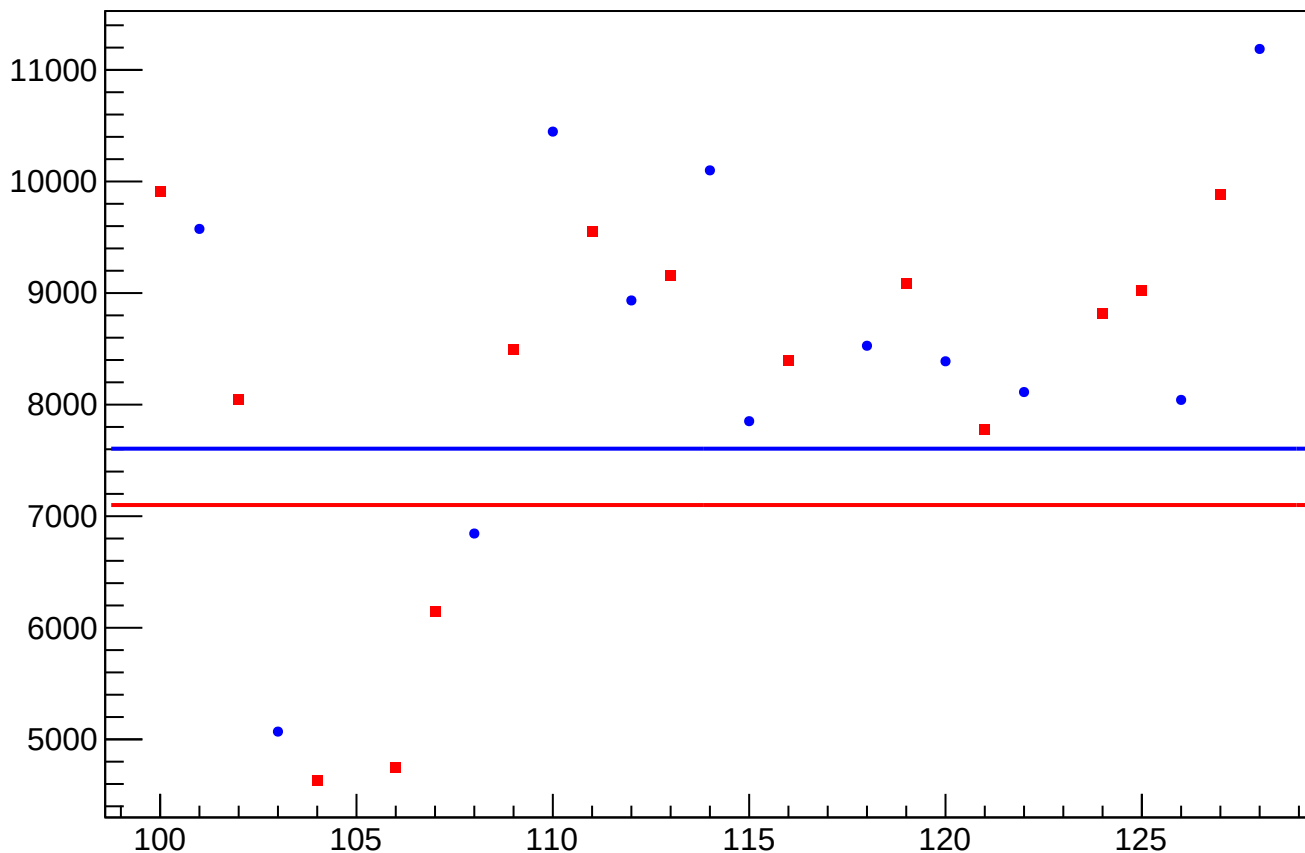
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.754+/-2367.936 χ^2/NDF : 25.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_cor_correction_rms vs Slug



Right In: 7605.286+/-2.487 χ^2/NDF : 581484.2/11

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

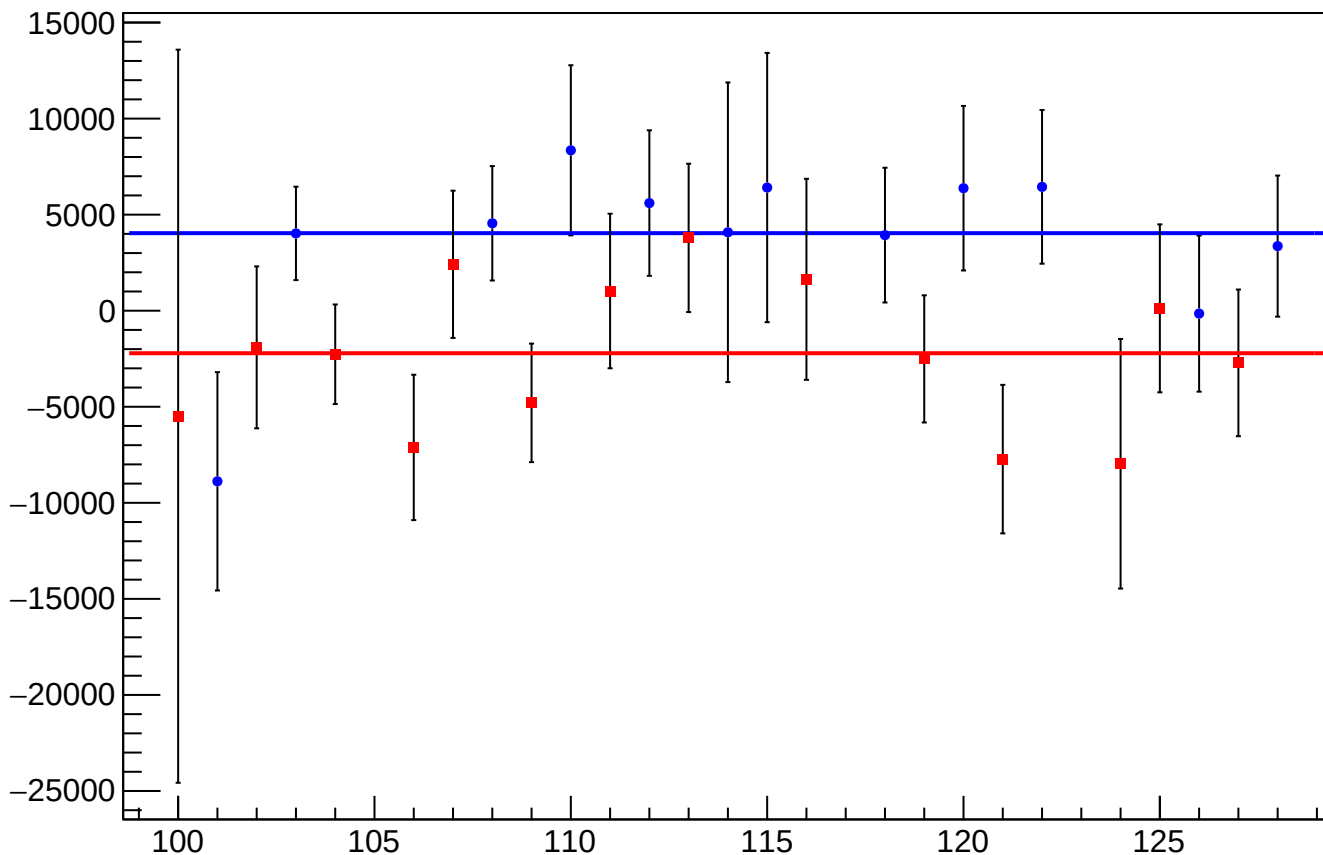
Right Out: 7100.186+/-2.264 χ^2/NDF : 779465.8/13

All: 7329.049+/-1.674 χ^2/NDF : 1383500.0/25

- 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_atr2_mean vs Slug



Right In: 4036.886 $\pm$ 1115.507 χ^2 /NDF: 8.2/11

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

Right Out: -2213.324 $\pm$ 1043.097 χ^2 /NDF: 10.6/13

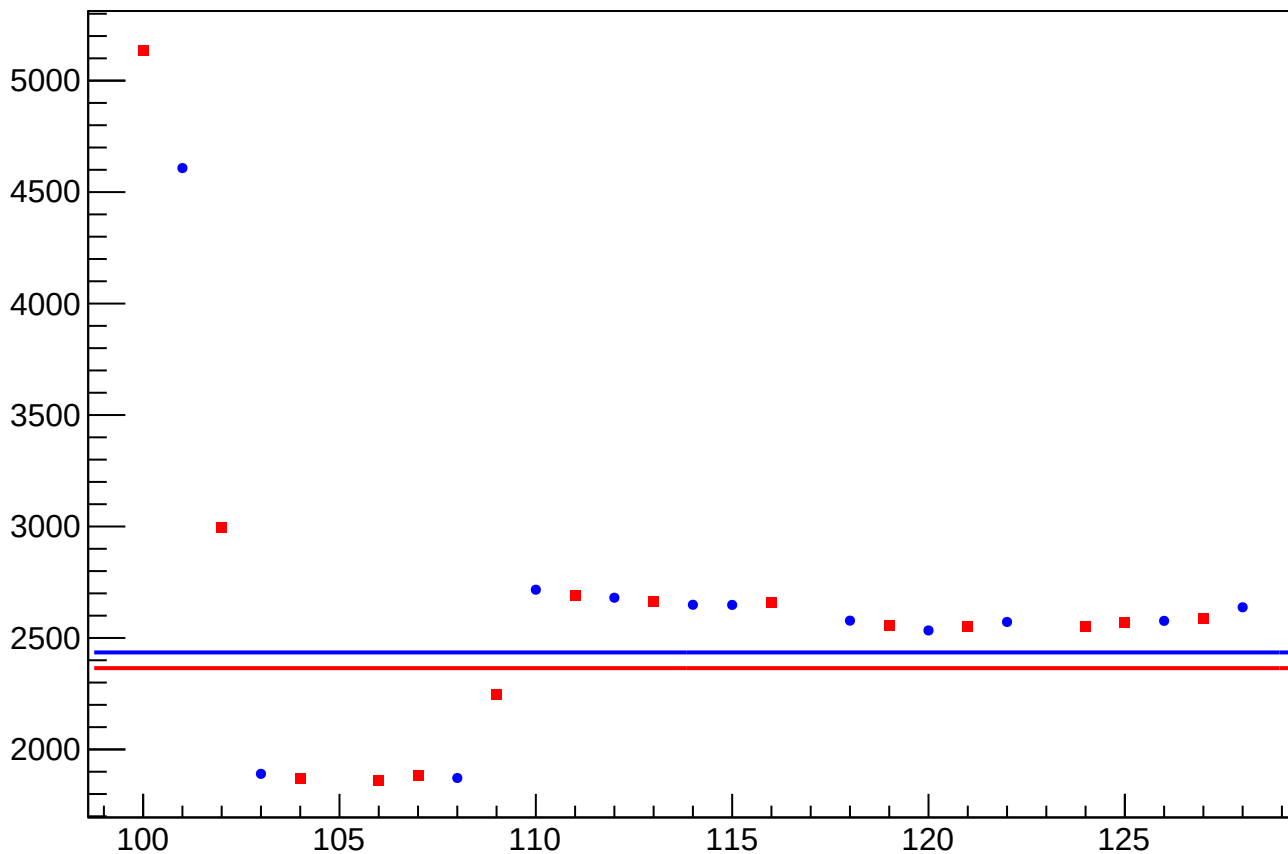
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 702.353 $\pm$ 761.894 χ^2 /NDF: 35.5/25

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

eigen_cor_asym_atr2_rms vs Slug



Right In: 2435.122+/-0.789 χ^2/NDF : 499371.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2364.640+/-0.738 χ^2/NDF : 286418.7/13

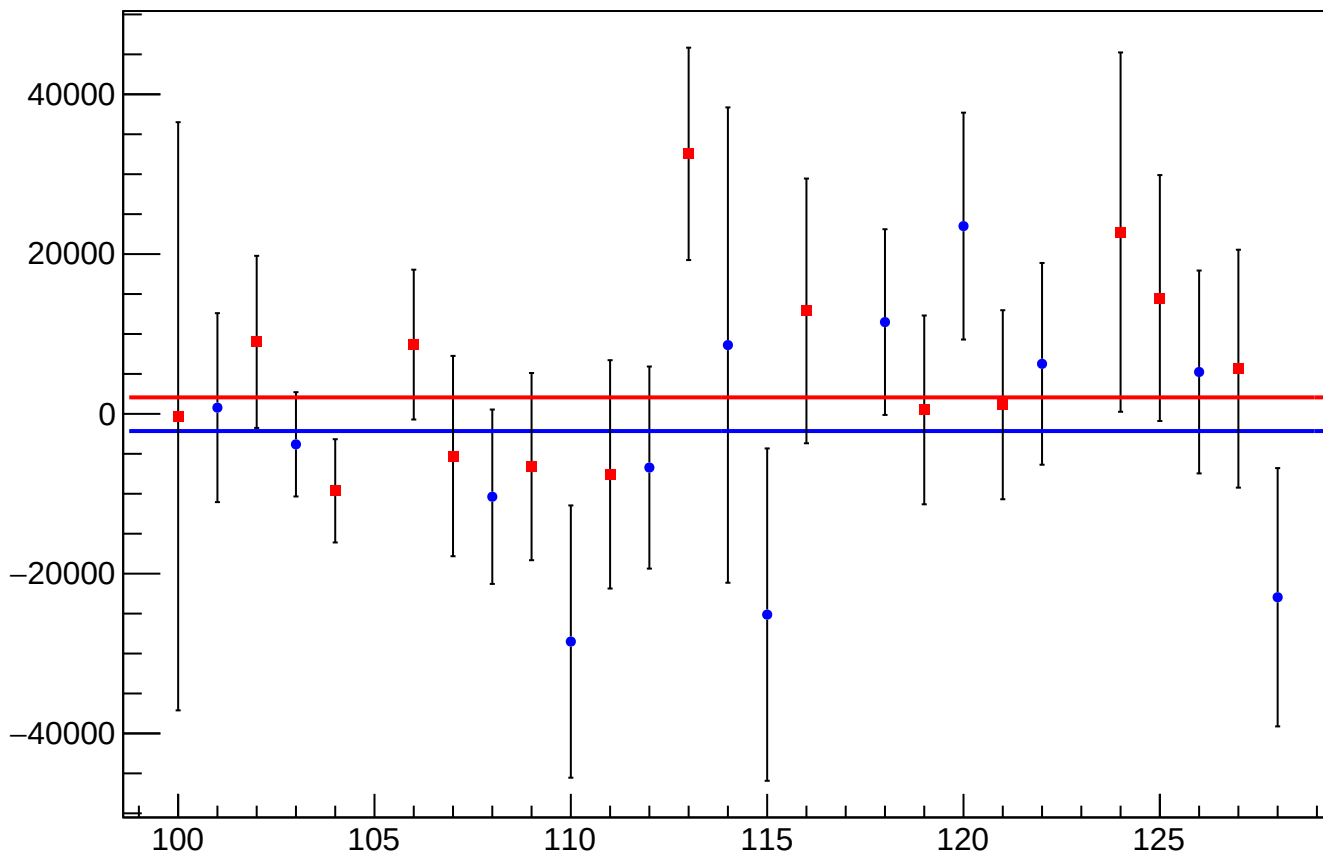
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2397.519+/-0.539 χ^2/NDF : 790050.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_cor_correction_mean vs Slug



Right In: -2151.070+/-3517.801 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2063.300+/-3201.971 χ^2/NDF : 12.8/13

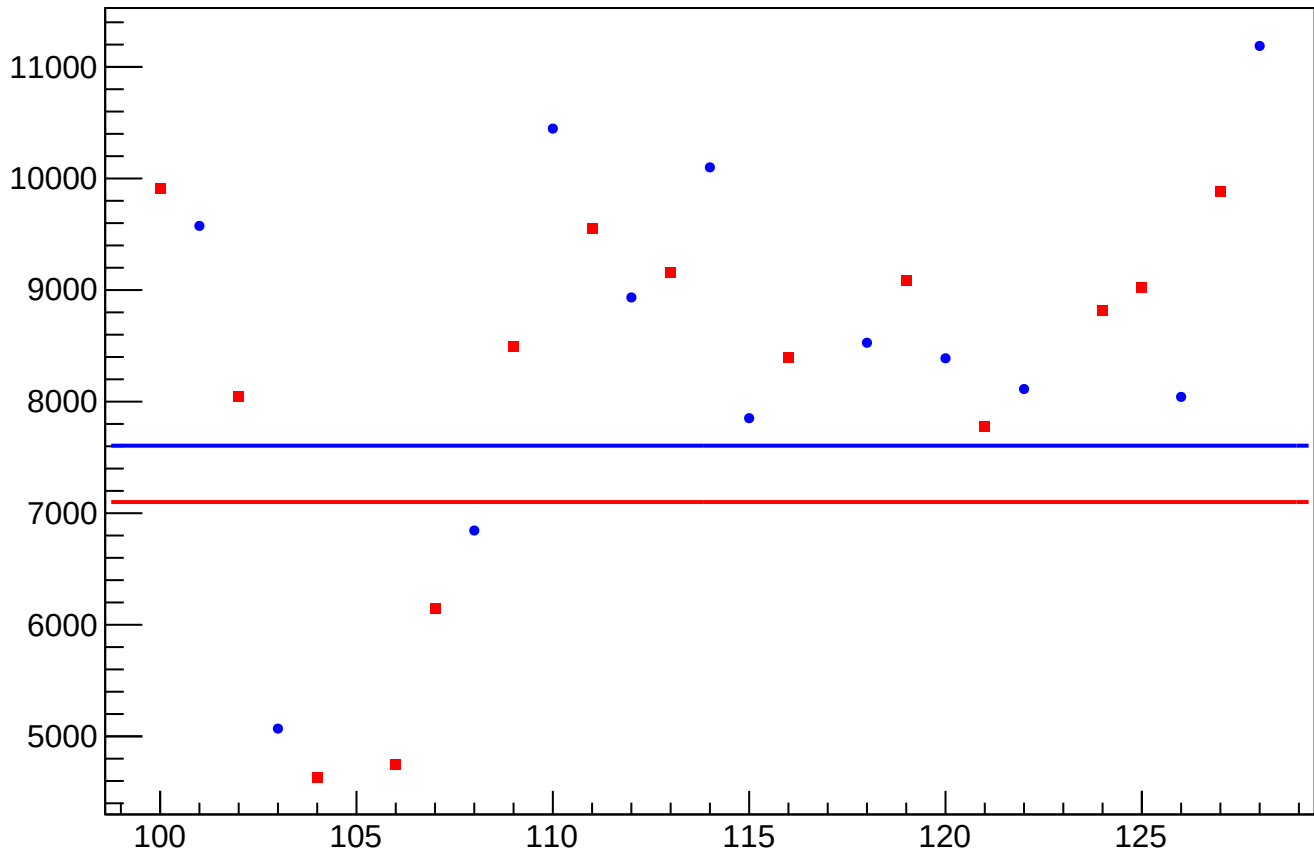
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.754+/-2367.936 χ^2/NDF : 25.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_cor_correction_rms vs Slug



Right In: 7605.286 $\pm$ 2.487 χ^2 /NDF: 581484.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7100.186 $\pm$ 2.264 χ^2 /NDF: 779465.8/13

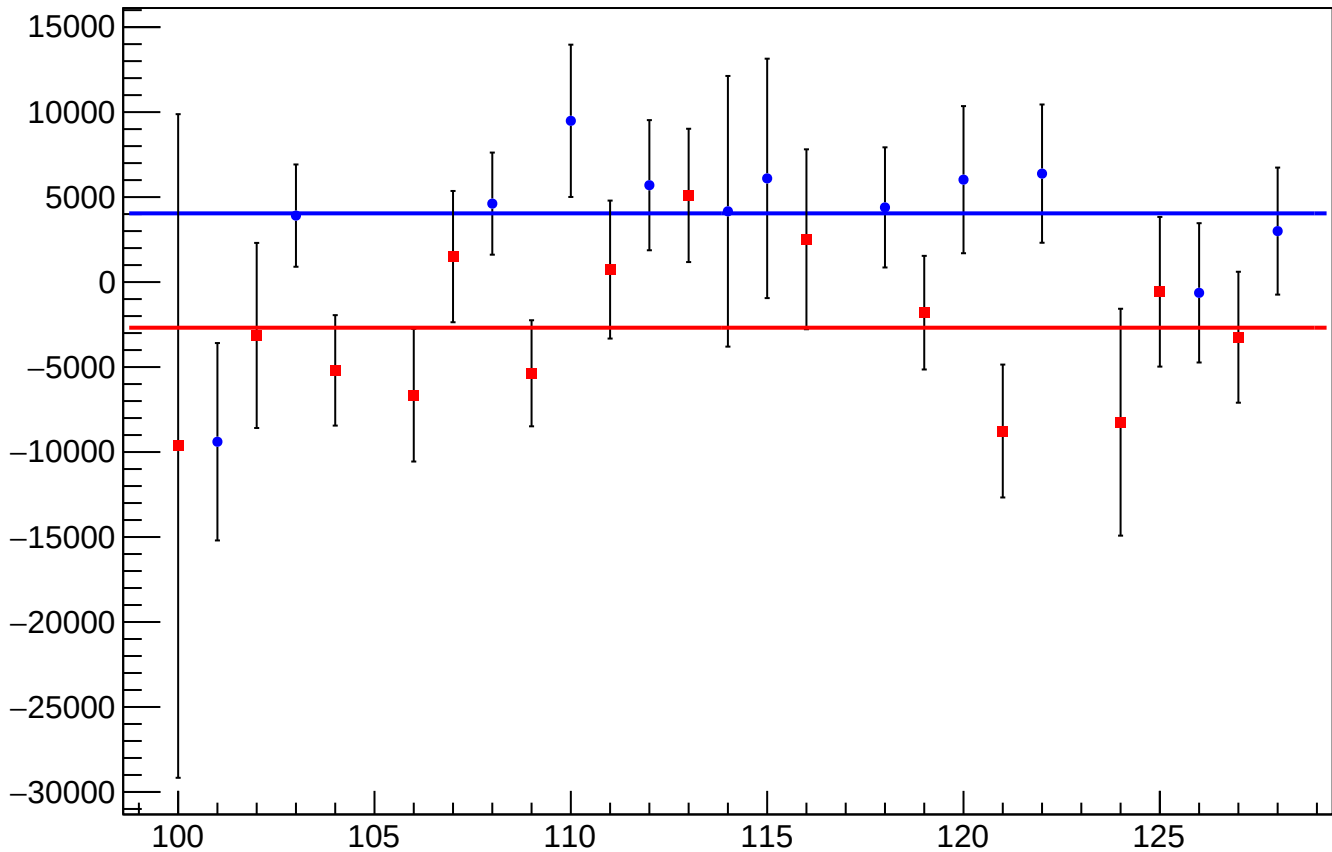
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7329.049 $\pm$ 1.674 χ^2 /NDF: 1383500.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atr2_mean vs Slug



Right In: 4042.994+/-1170.533 χ^2/NDF : 9.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2684.485+/-1101.473 χ^2/NDF : 12.7/13

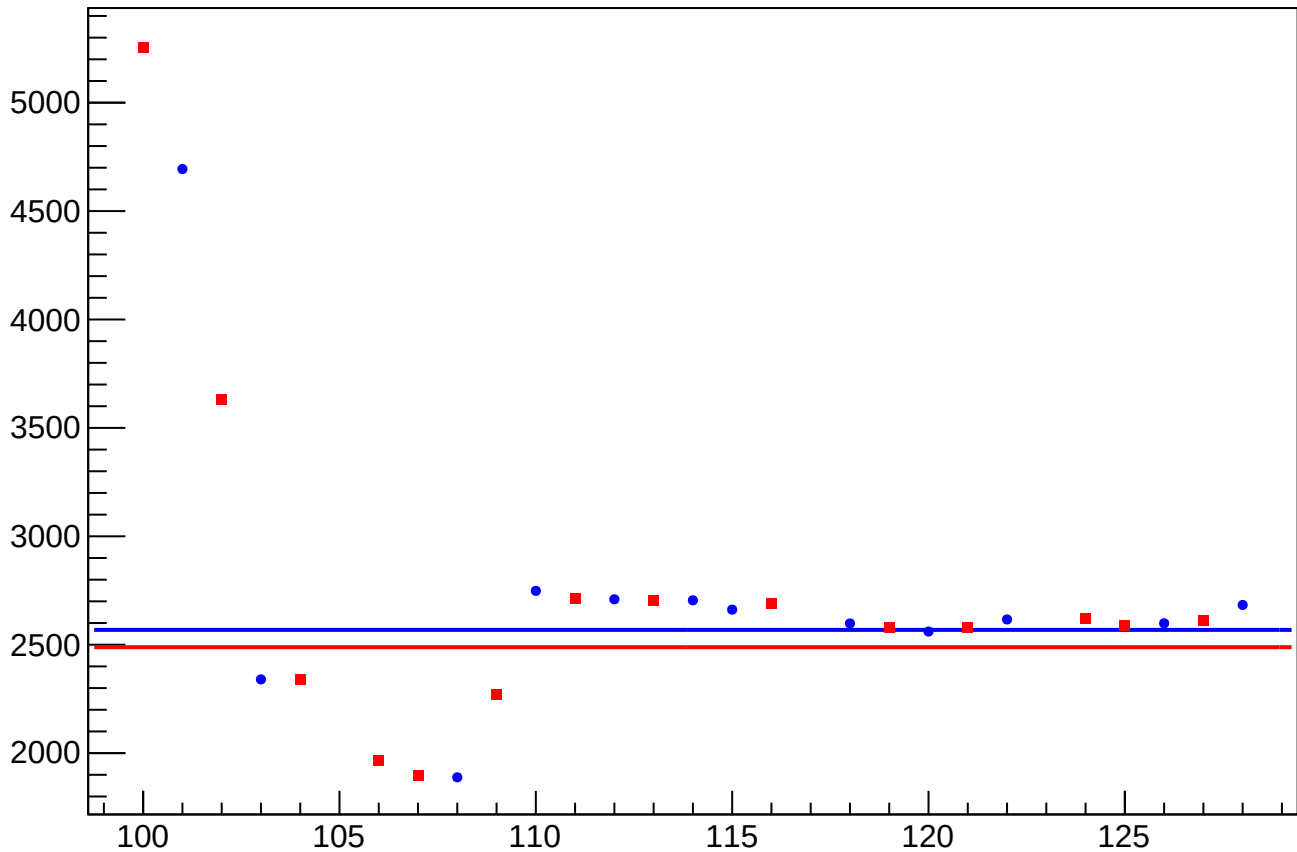
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 474.954+/-802.163 χ^2/NDF : 39.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr2_rms vs Slug



Right In: 2568.403+/-0.828 χ^2/NDF : 391268.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2488.619+/-0.778 χ^2/NDF : 247050.4/13

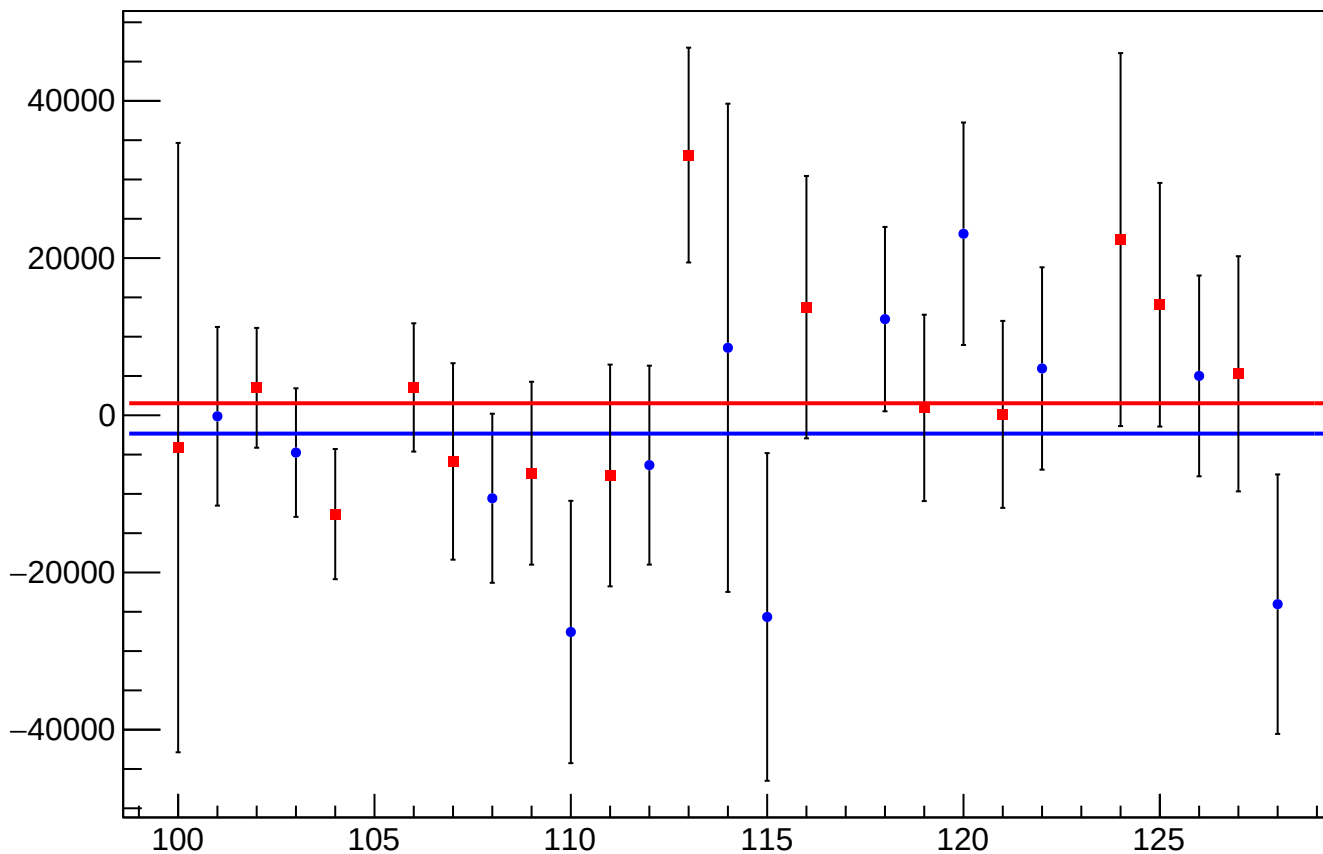
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2526.057+/-0.567 χ^2/NDF : 643250.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_dit_correction_mean vs Slug



Right In: -2330.038+/-3711.417 χ^2/NDF : 11.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1530.400+/-3165.250 χ^2/NDF : 11.8/13

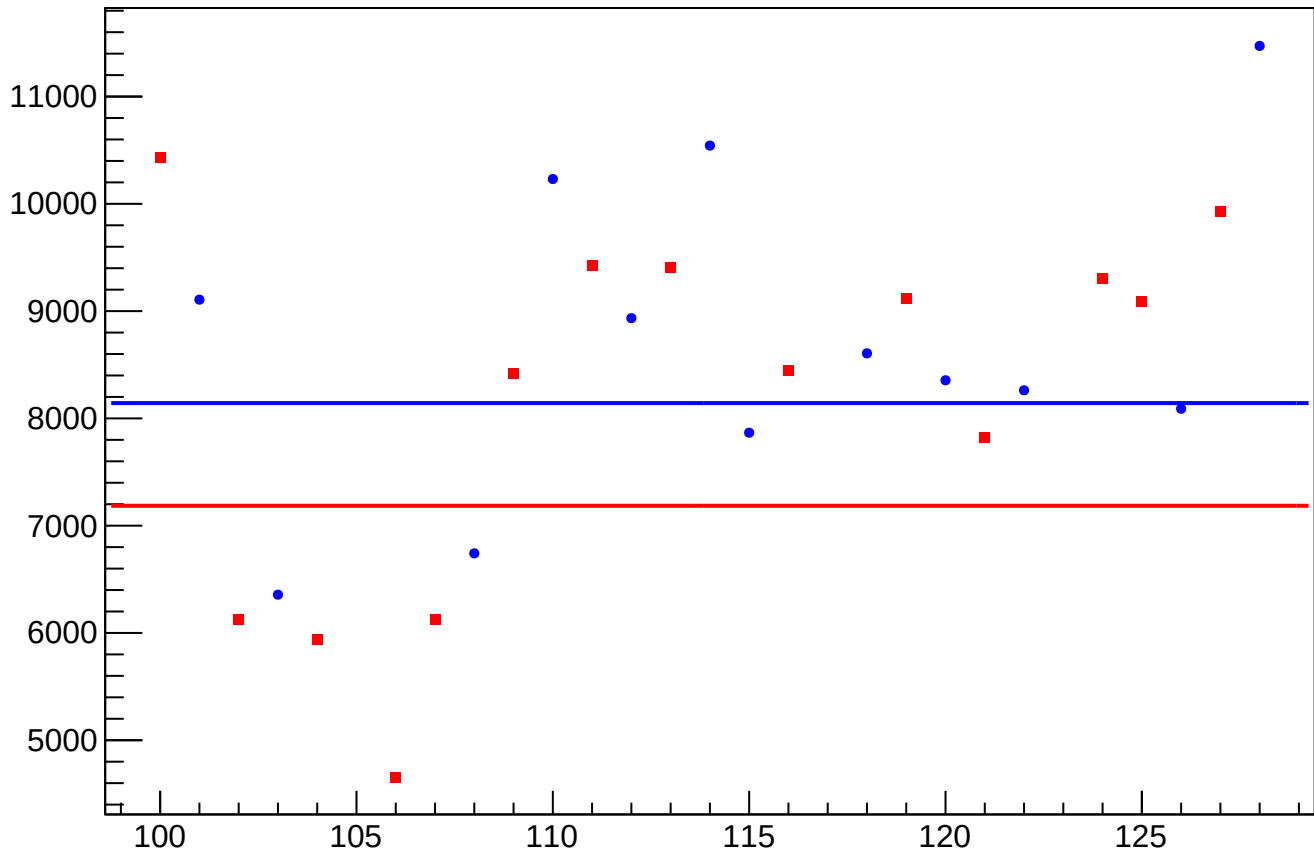
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -95.132+/-2408.348 χ^2/NDF : 24.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_dit_correction_rms vs Slug



Right In: 8142.859+/-2.624 χ^2/NDF : 280219.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

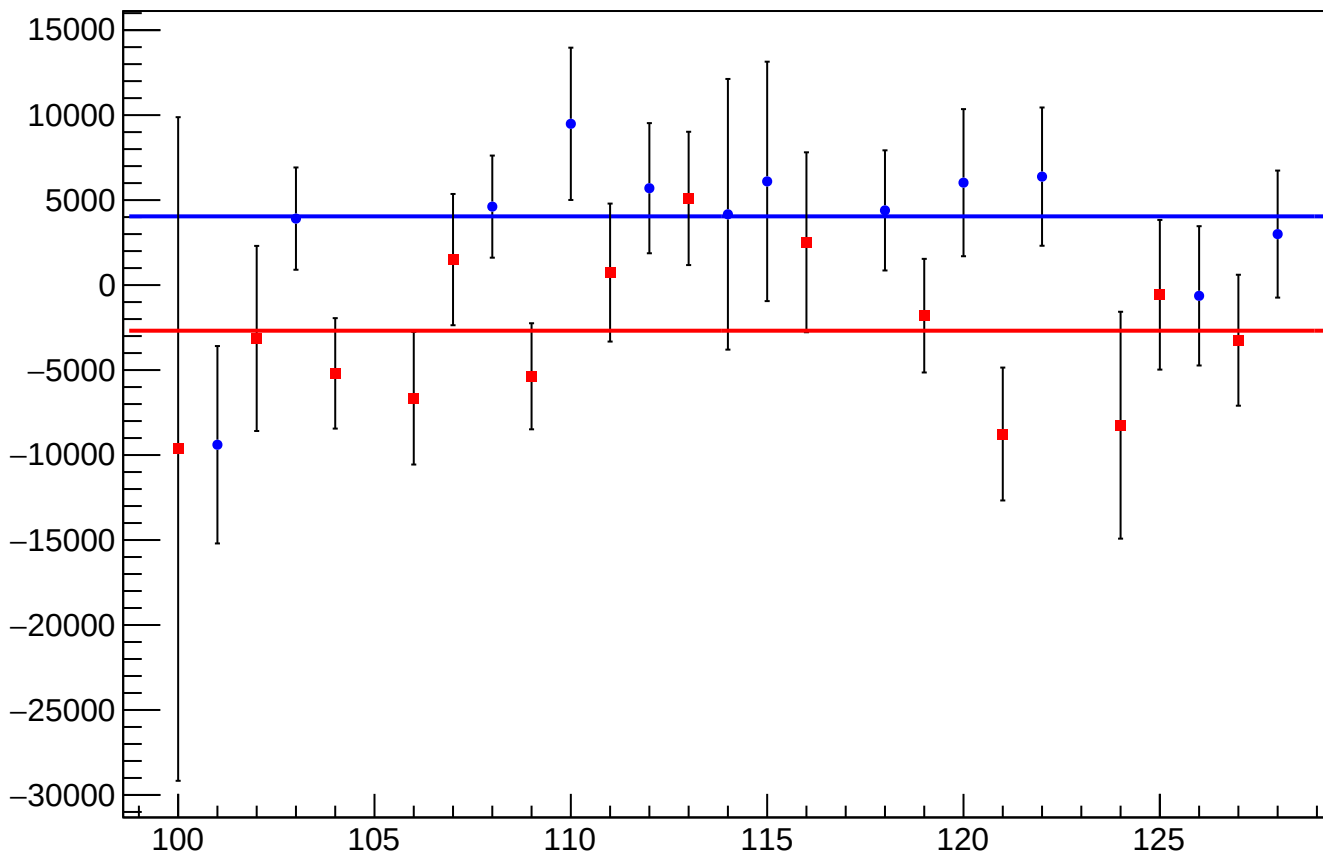
Right Out: 7185.495+/-2.238 χ^2/NDF : 613663.1/13

All: 7588.616+/-1.703 χ^2/NDF : 970924.3/25

- 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: 4042.999 $\pm$ 1170.532 χ^2 /NDF: 9.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

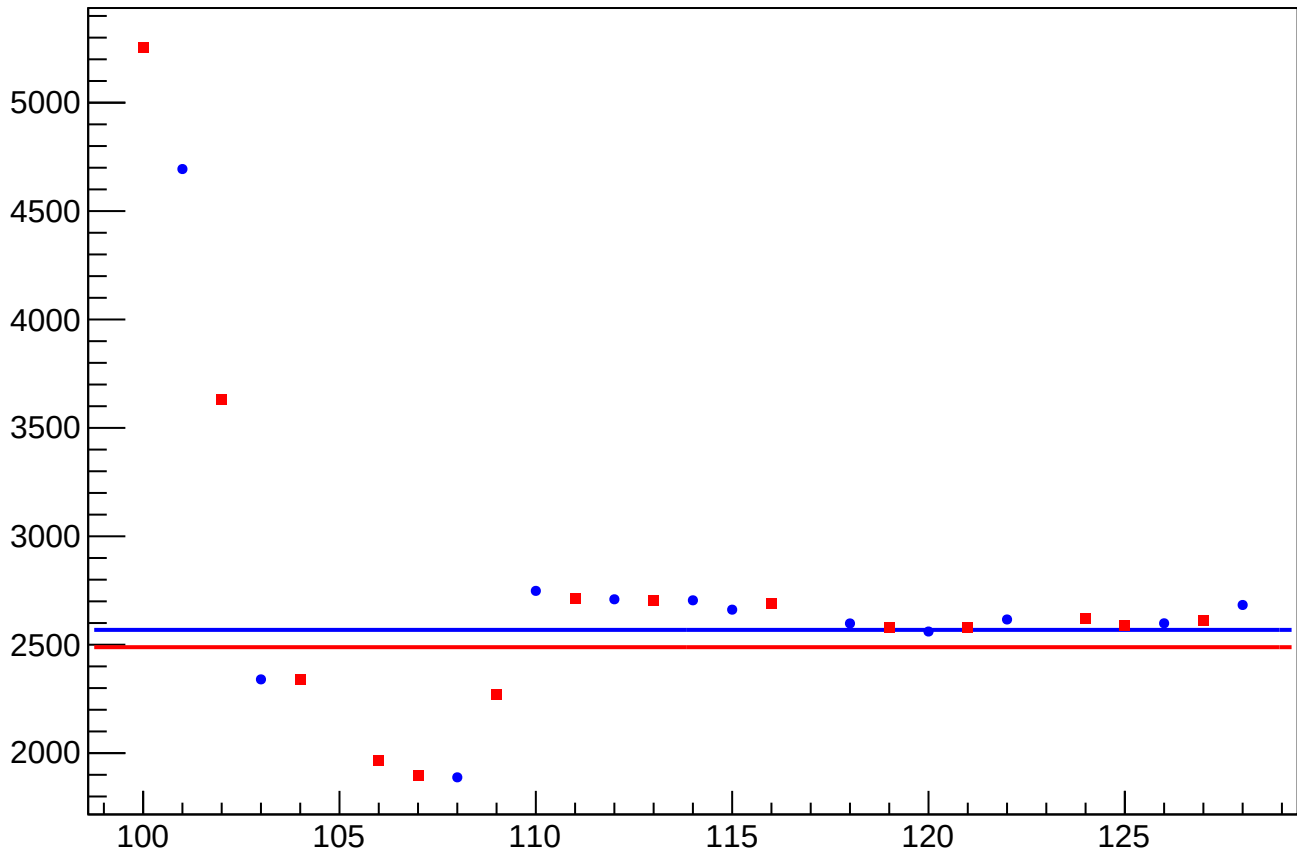
Right Out: -2684.493 $\pm$ 1101.473 χ^2 /NDF: 12.7/13

All: 474.953 $\pm$ 802.162 χ^2 /NDF: 39.3/25

- sign 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: 2568.402 $\pm$ 0.828 χ^2 /NDF: 391269.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2488.618 $\pm$ 0.778 χ^2 /NDF: 247049.9/13

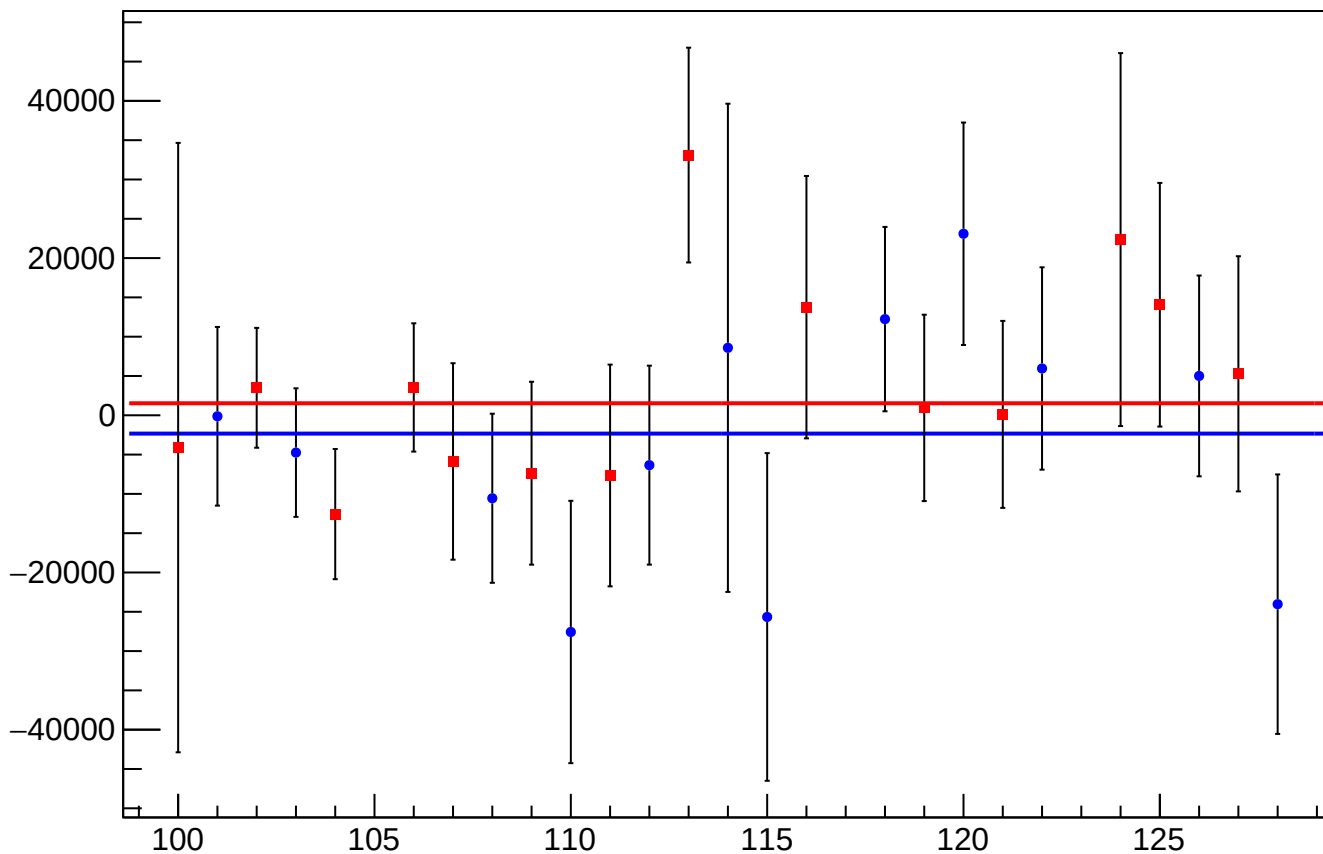
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2526.057 $\pm$ 0.567 χ^2 /NDF: 643250.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr2_eigen_dit_correction_mean vs Slug



Right In: -2330.022+/-3711.409 χ^2/NDF : 11.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1530.393+/-3165.243 χ^2/NDF : 11.8/13

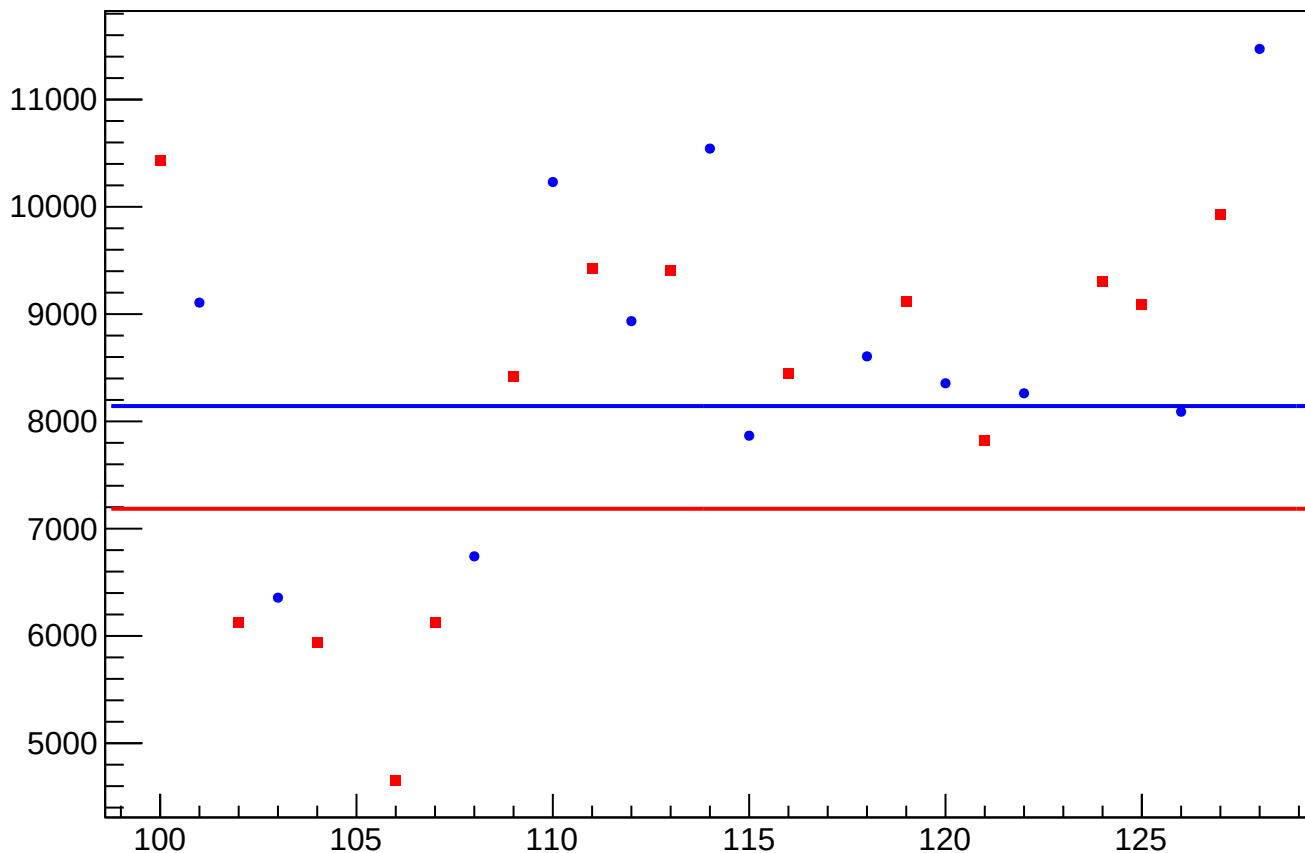
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -95.130+/-2408.343 χ^2/NDF : 24.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_correction_rms vs Slug



Right In: 8142.843+/-2.624 χ^2/NDF : 280215.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7185.481+/-2.238 χ^2/NDF : 613660.4/13

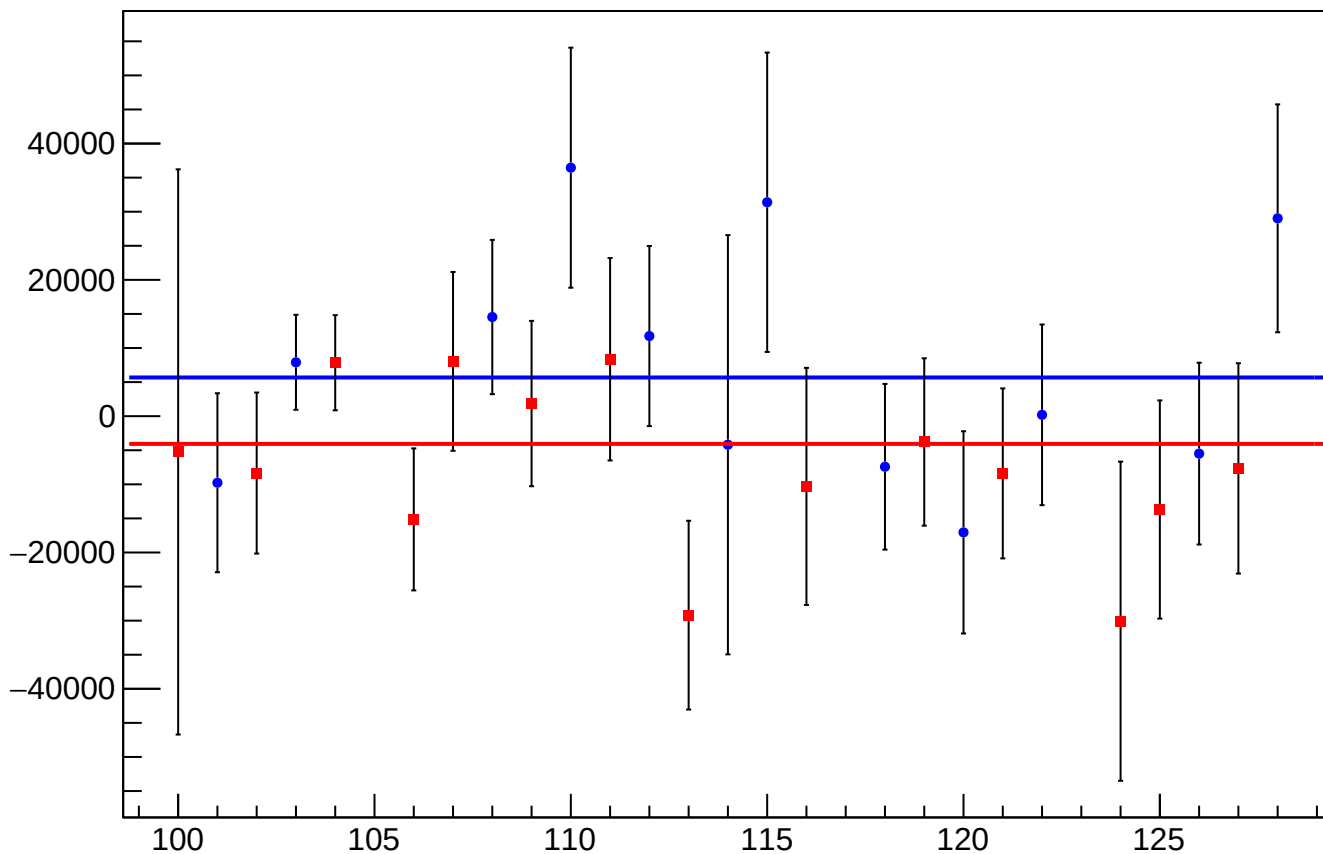
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7588.602+/-1.703 χ^2/NDF : 970917.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_mean vs Slug



Right In: 5678.784+/-3714.365 χ^2/NDF : 13.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4063.835+/-3407.244 χ^2/NDF : 11.2/13

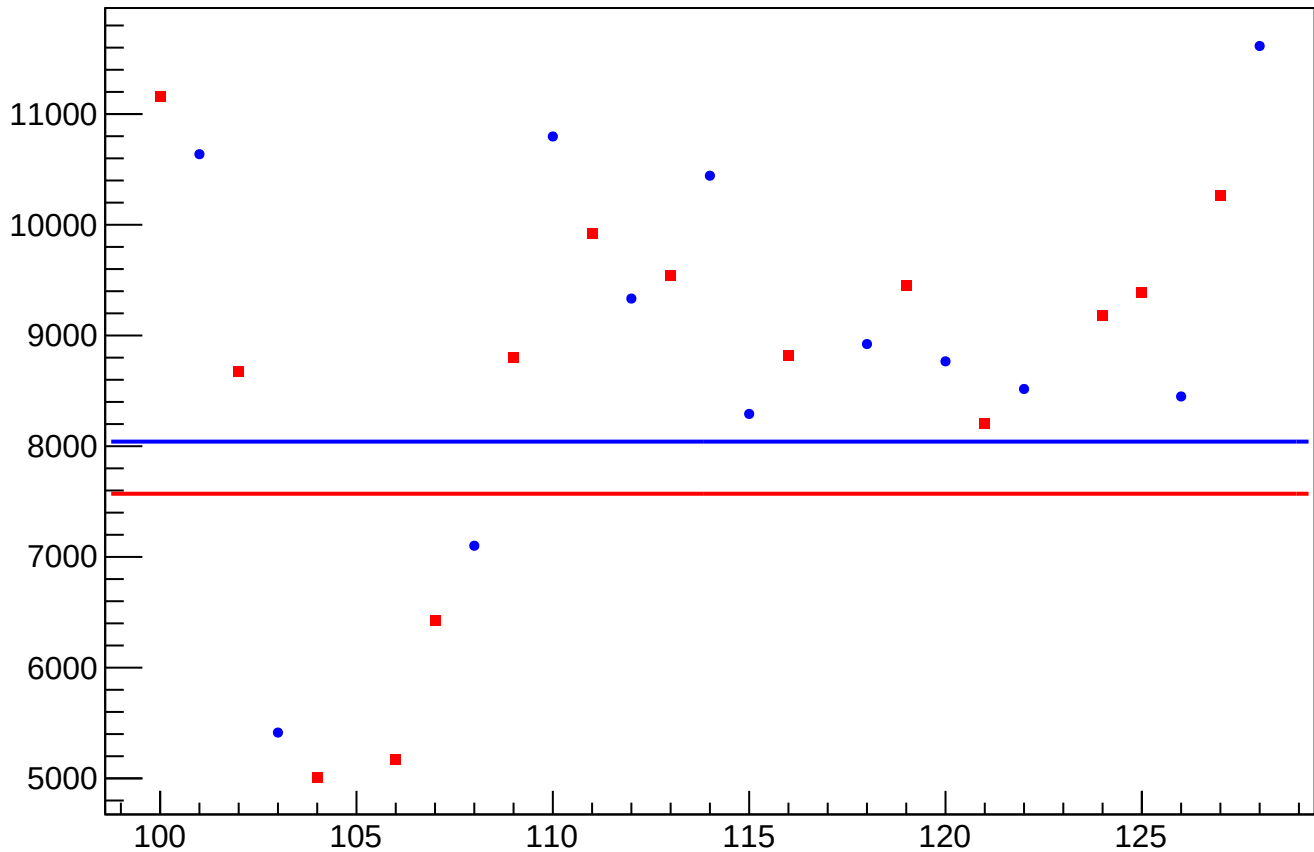
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 388.102+/-2510.853 χ^2/NDF : 28.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_rms vs Slug



Right In: 8041.572+/-2.626 χ^2/NDF : 567989.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7570.698+/-2.409 χ^2/NDF : 692853.4/13

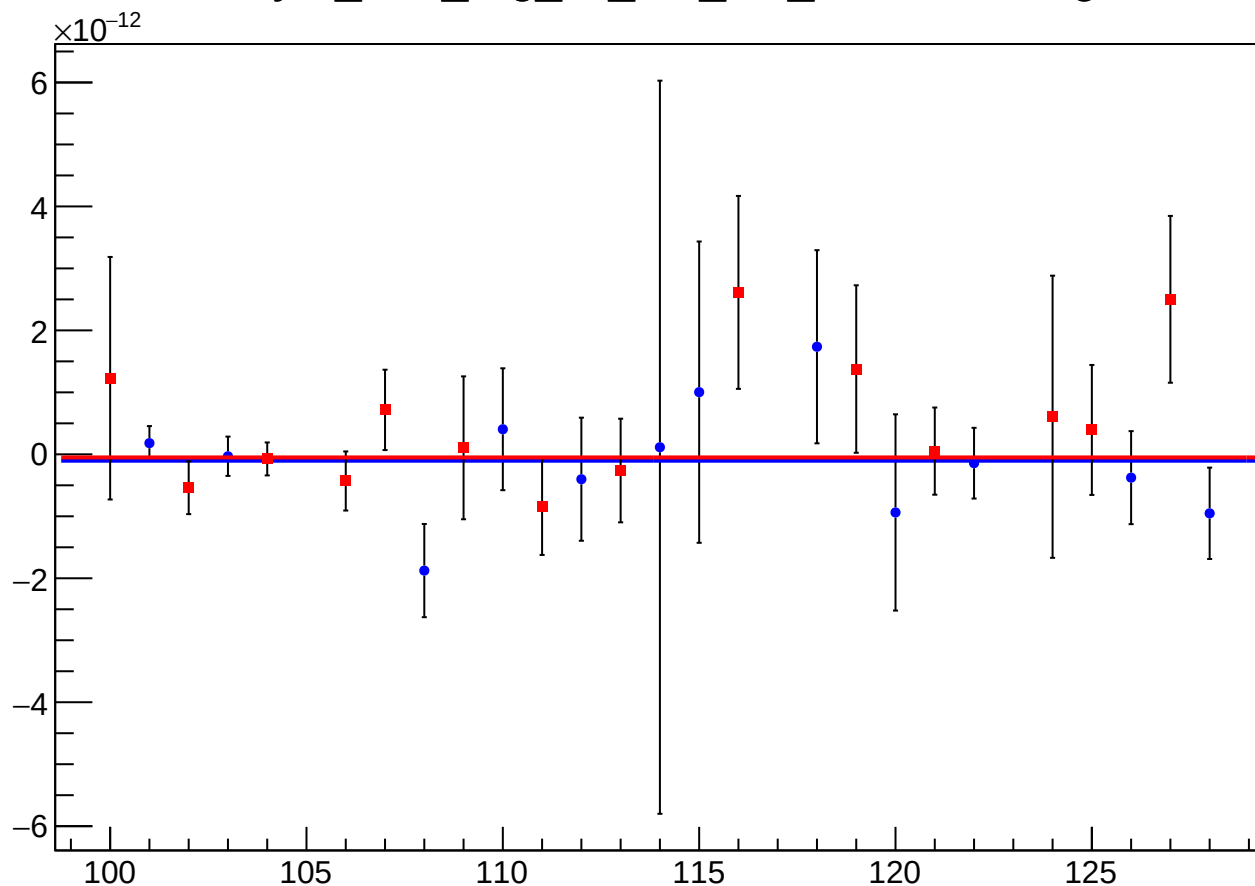
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7785.861+/-1.775 χ^2/NDF : 1278297.9/25

- 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 : 10.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 12.8/13

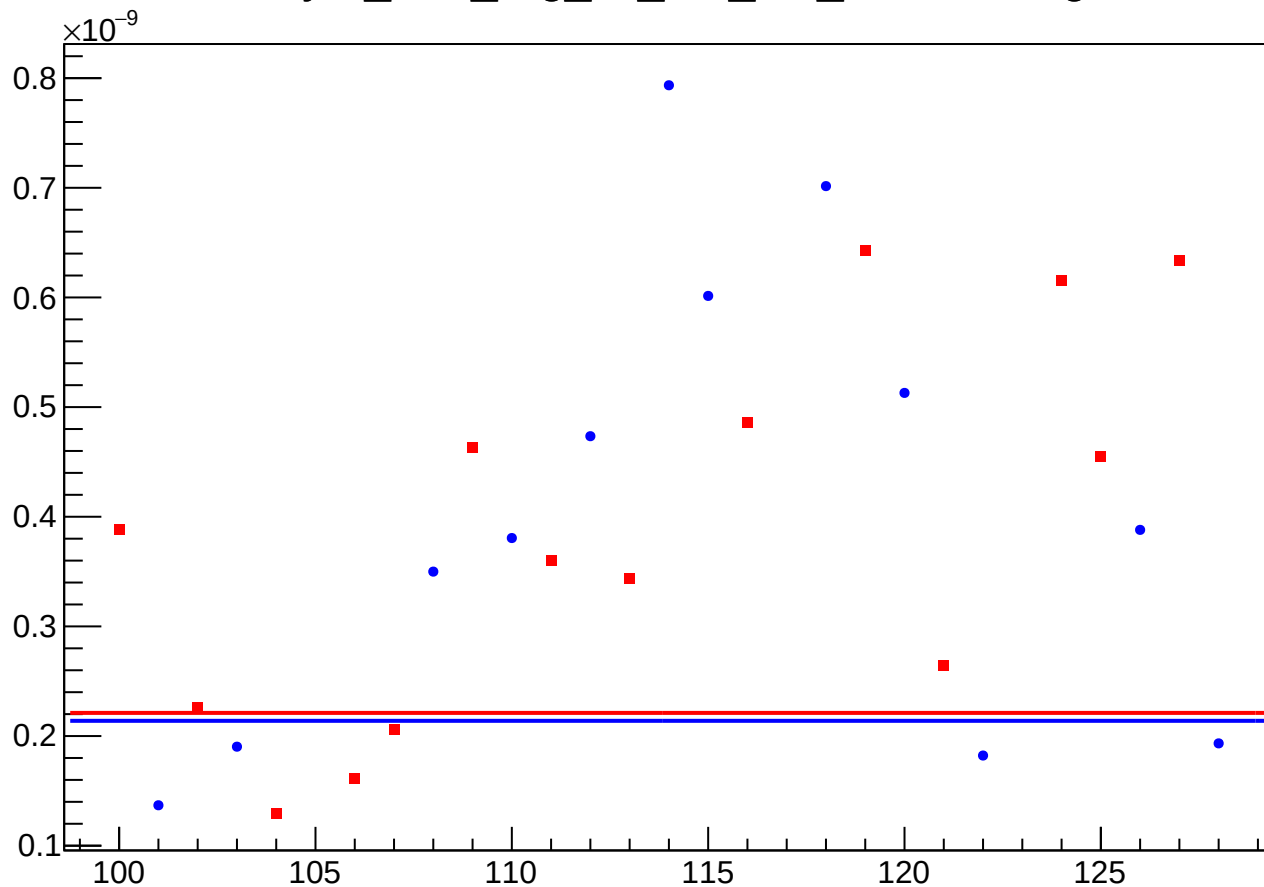
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 23.2/25

- 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 : 880176.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1089445.4/13

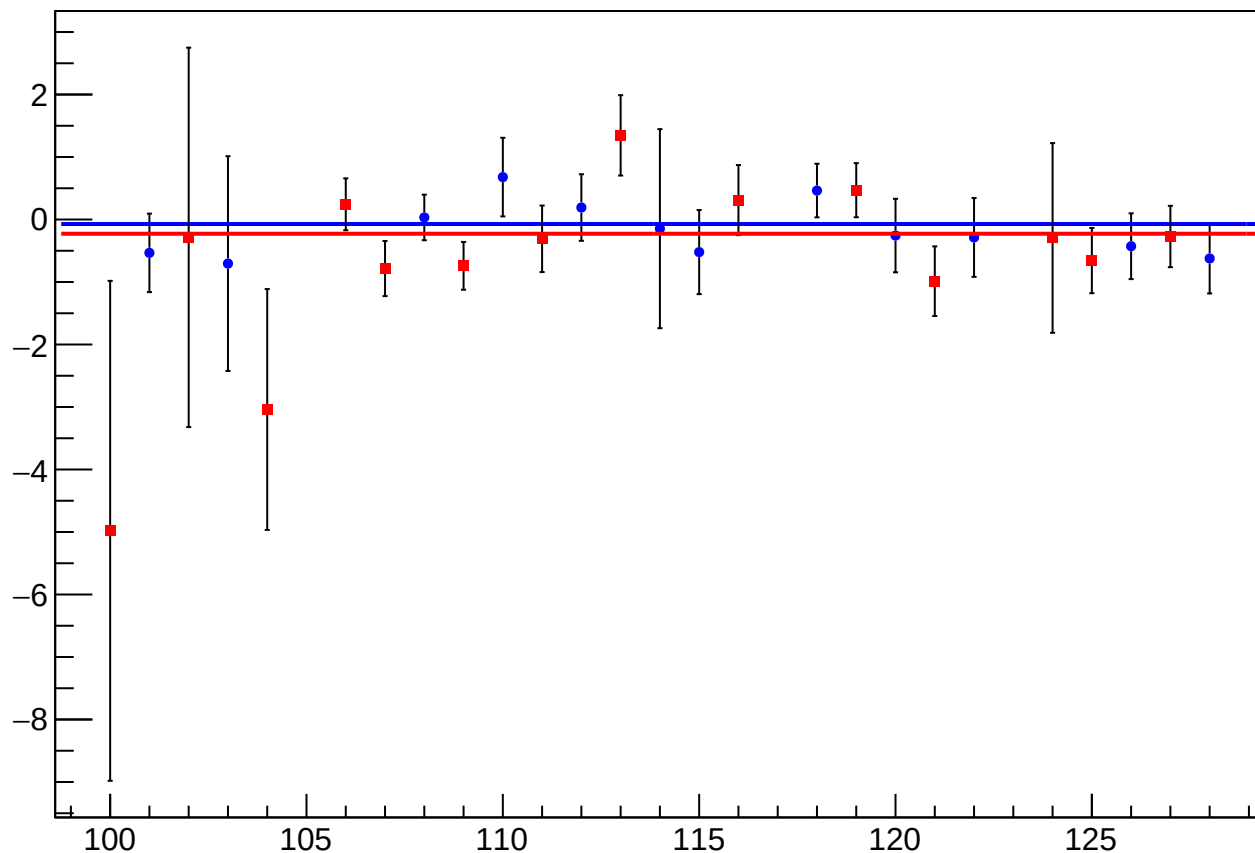
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1971445.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_dit_vs_cor_diff_mean vs Slug



Right In: -0.072 ± 0.165 χ^2/NDF : 6.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.228 ± 0.150 χ^2/NDF : 20.3/13

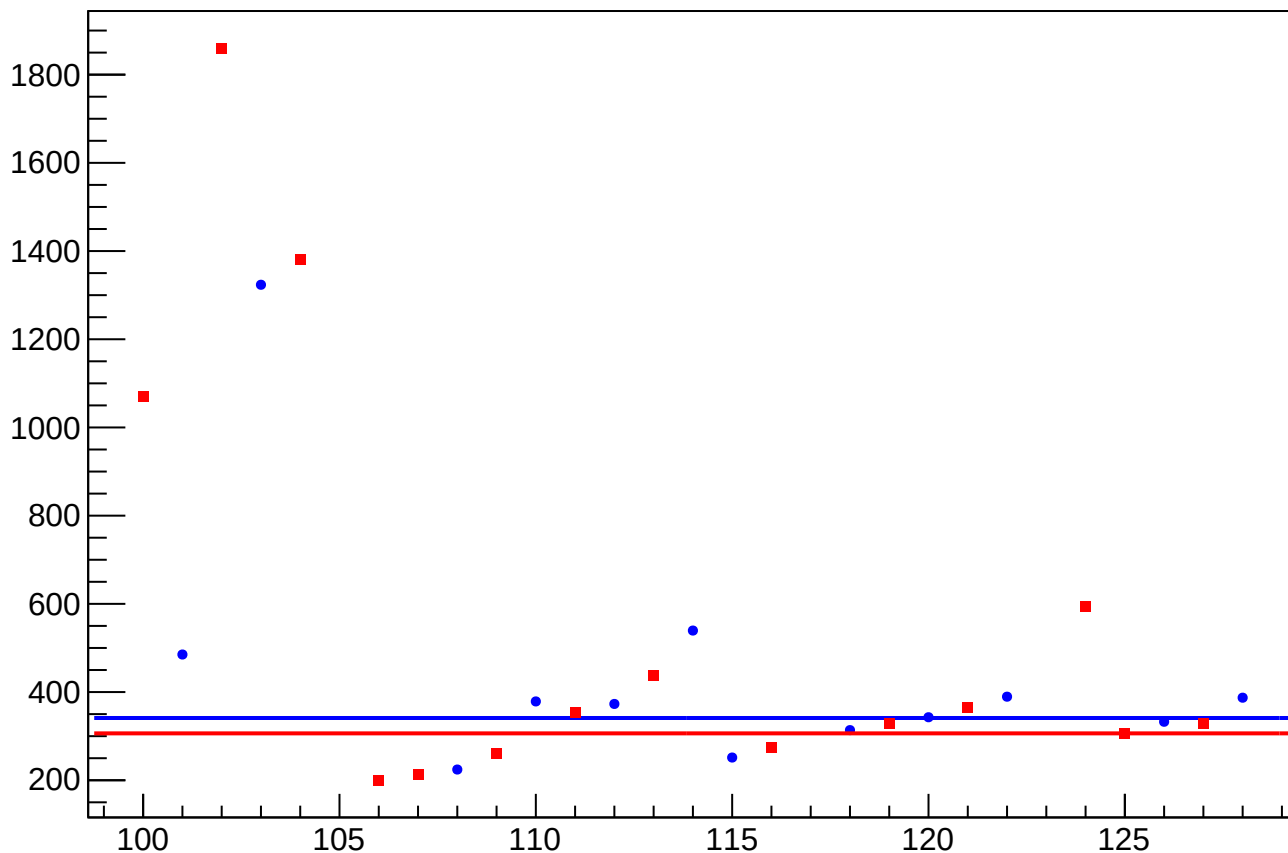
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.157 ± 0.111 χ^2/NDF : 26.9/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr2_dit_vs_cor_diff_rms vs Slug



Right In: 341.191 $\pm$ 0.117 χ^2 /NDF: 1079229.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 306.333 $\pm$ 0.106 χ^2 /NDF: 1678294.6/13

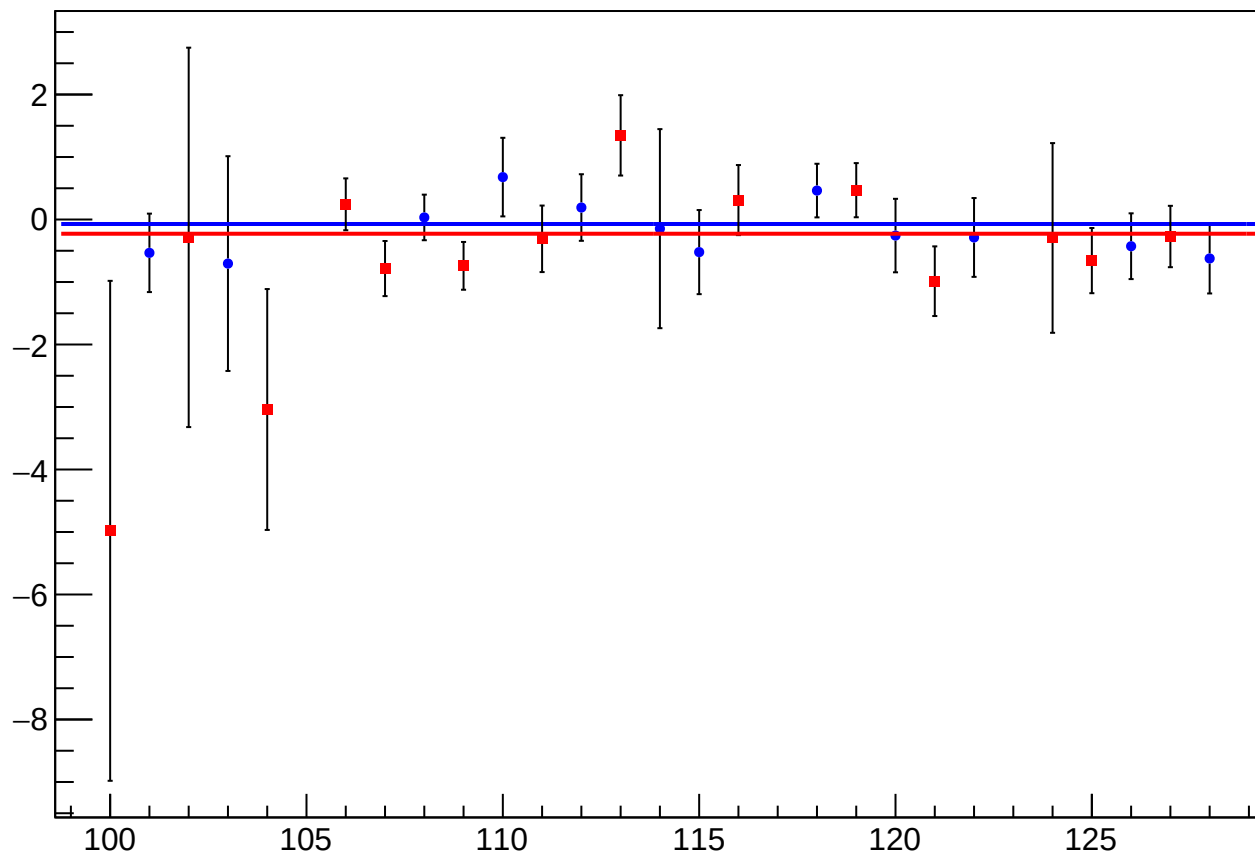
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 322.151 $\pm$ 0.079 χ^2 /NDF: 2806233.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr2_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.072+/-0.165 χ^2 /NDF: 6.1/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.228+/-0.150 χ^2 /NDF: 20.3/13

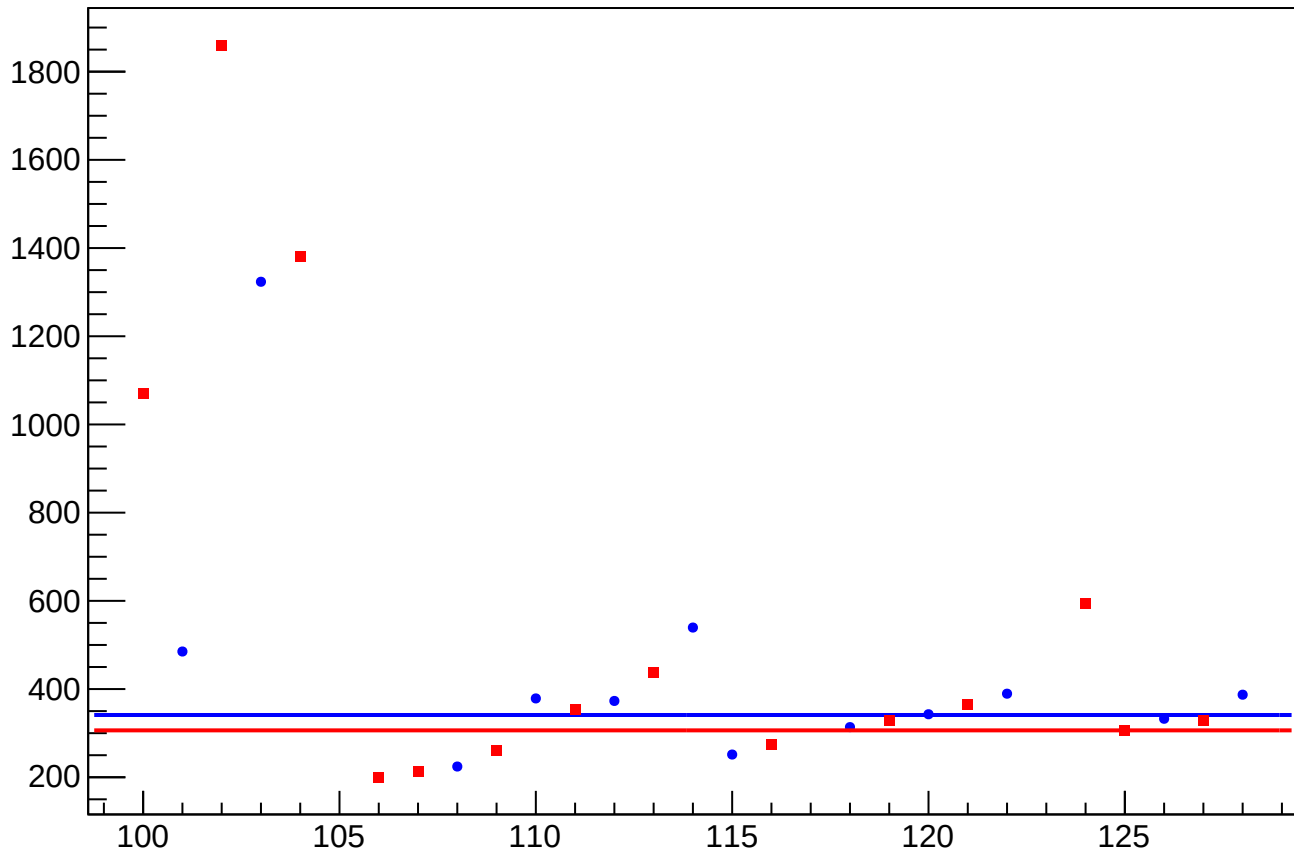
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.157+/-0.111 χ^2 /NDF: 26.9/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr2_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 341.191+/-0.117 χ^2/NDF : 1079229.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

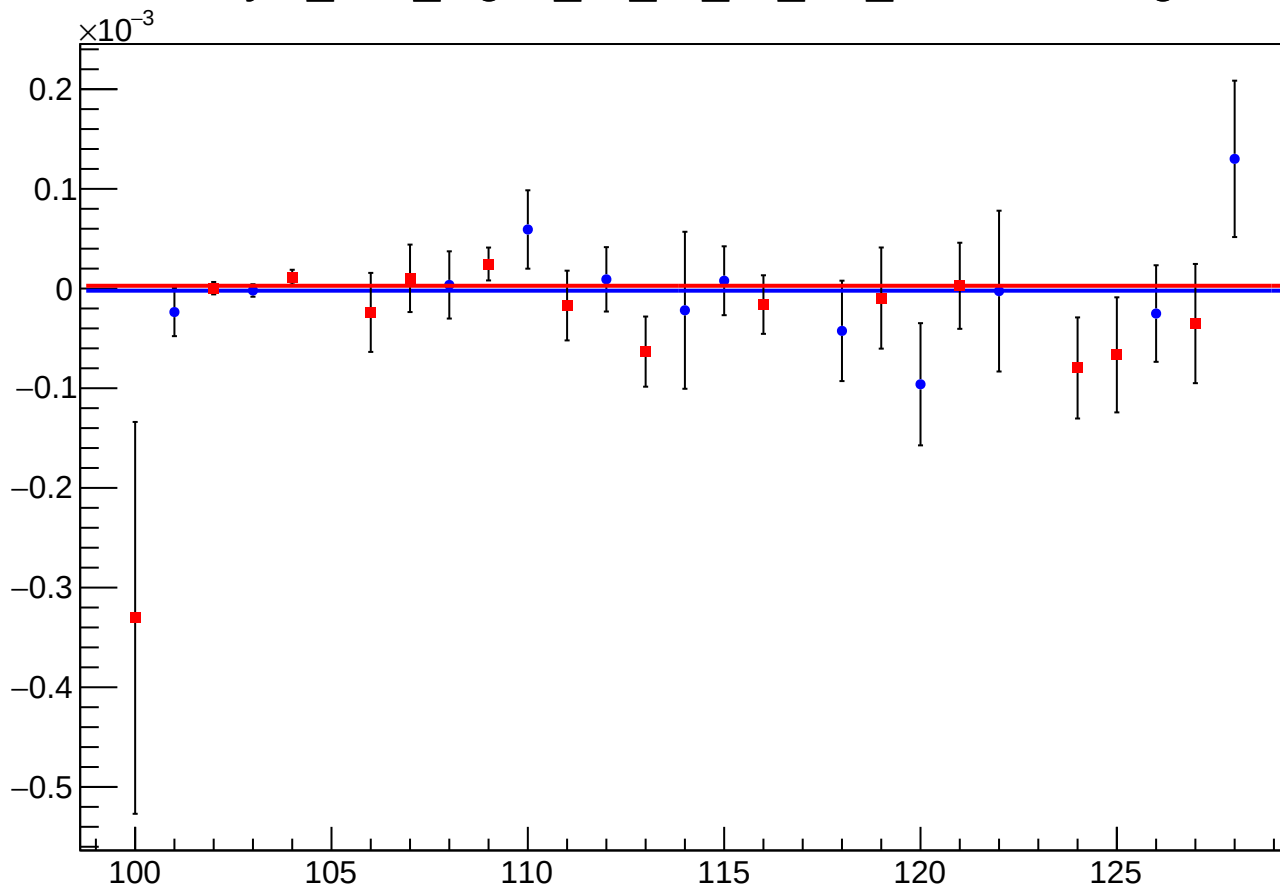
Right Out: 306.333+/-0.106 χ^2/NDF : 1678294.6/13

All: 322.151+/-0.079 χ^2/NDF : 2806233.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 9.6/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 15.5/13

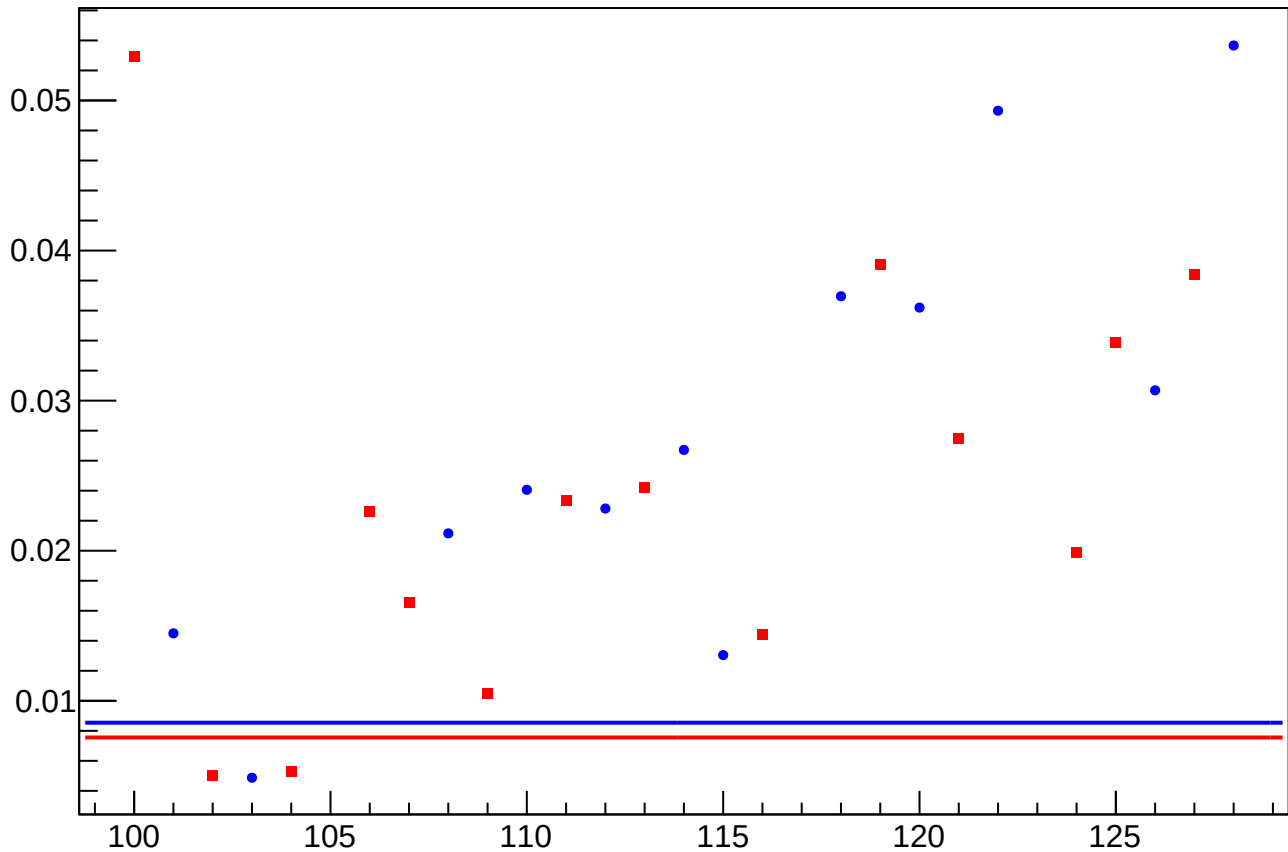
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 25.6/25

- 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 : 4562864.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 4355033.6/13

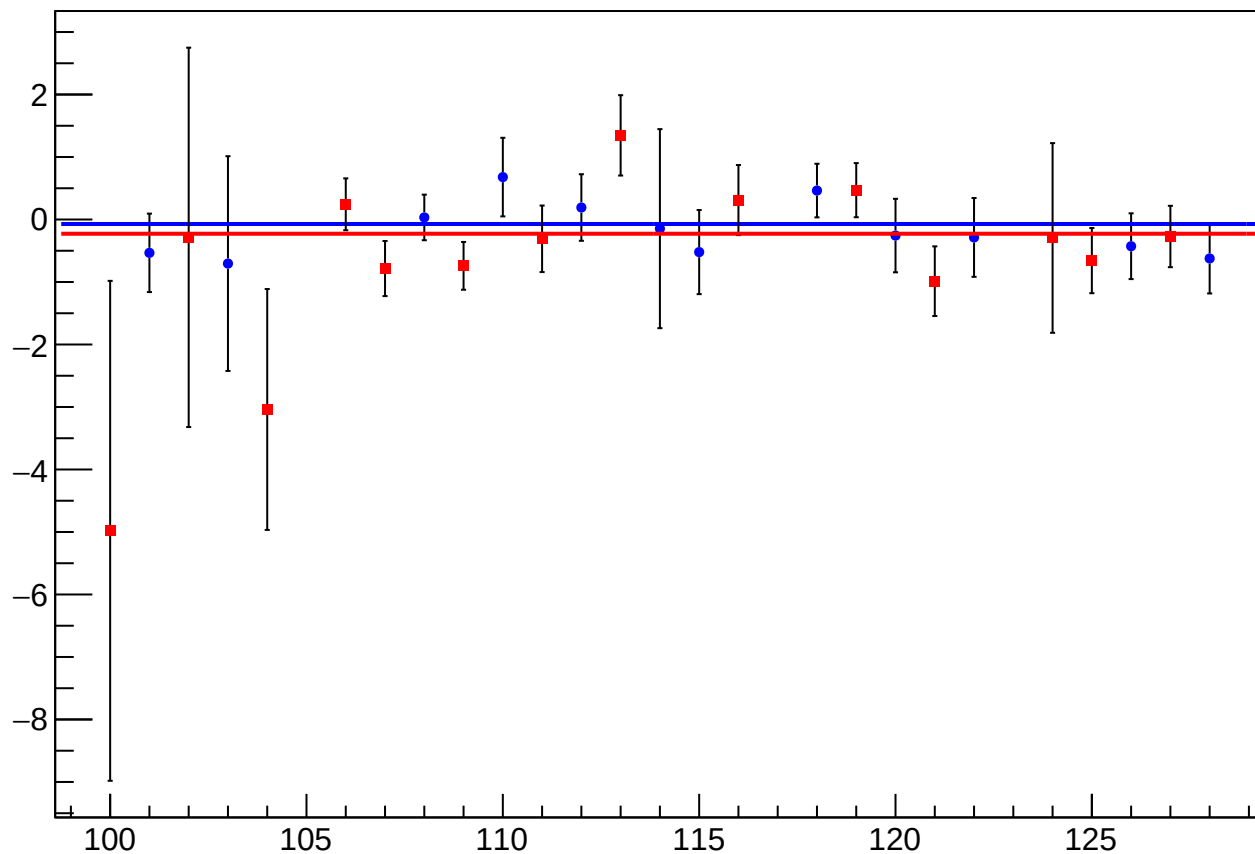
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 8956993.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.072 ± 0.165 χ^2/NDF : 6.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.228 ± 0.150 χ^2/NDF : 20.3/13

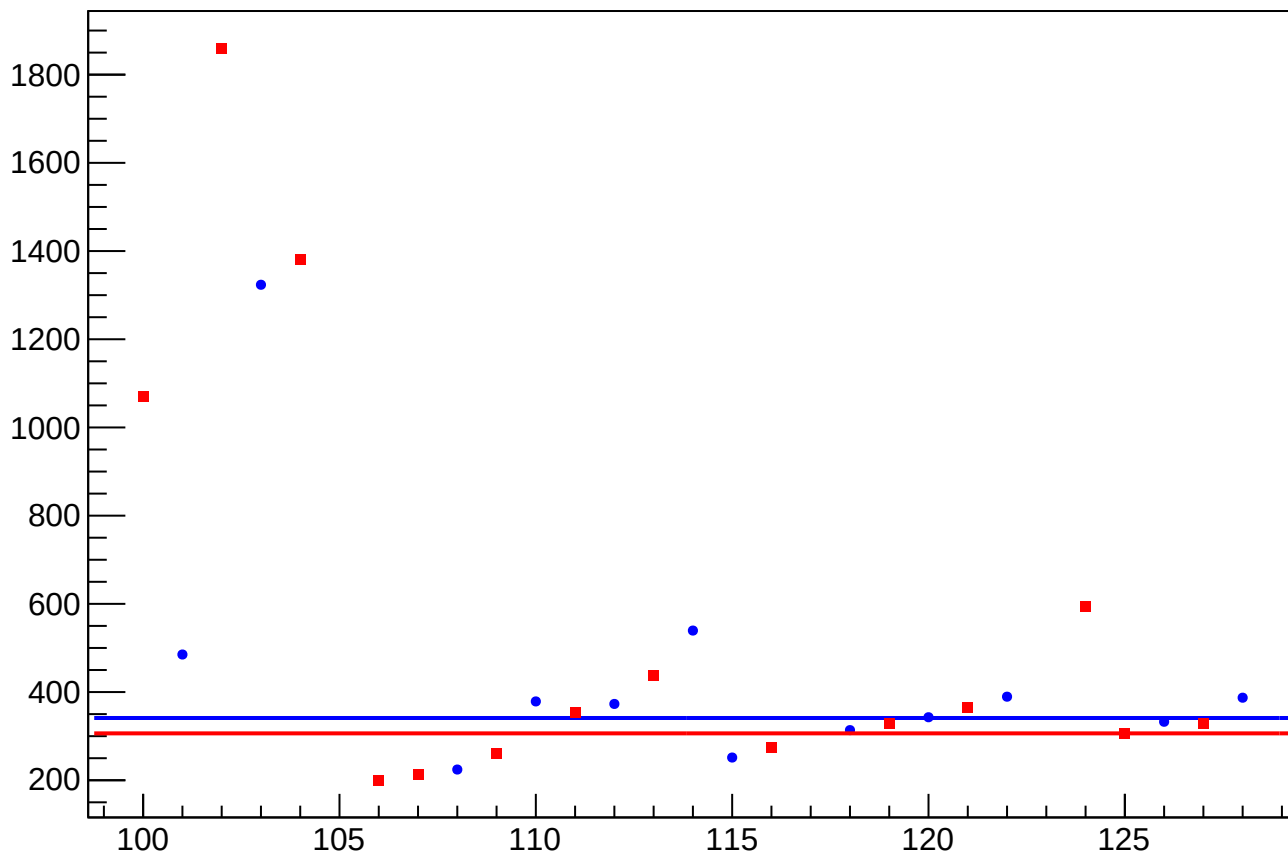
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.157 ± 0.111 χ^2/NDF : 26.9/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 341.188+/-0.117 χ^2/NDF : 1079254.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 306.333+/-0.106 χ^2/NDF : 1678288.9/13

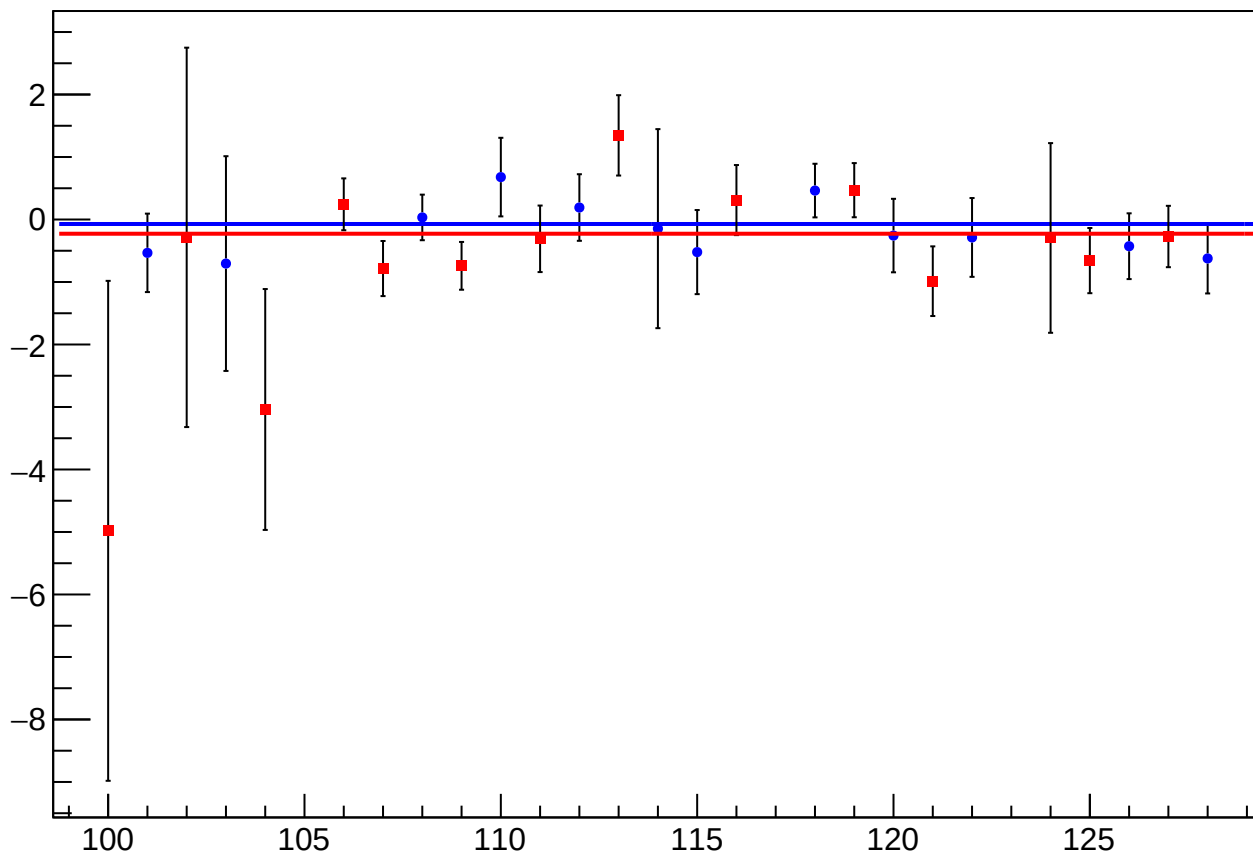
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 322.149+/-0.079 χ^2/NDF : 2806243.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.072 ± 0.165 χ^2/NDF : 6.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.228 ± 0.150 χ^2/NDF : 20.3/13

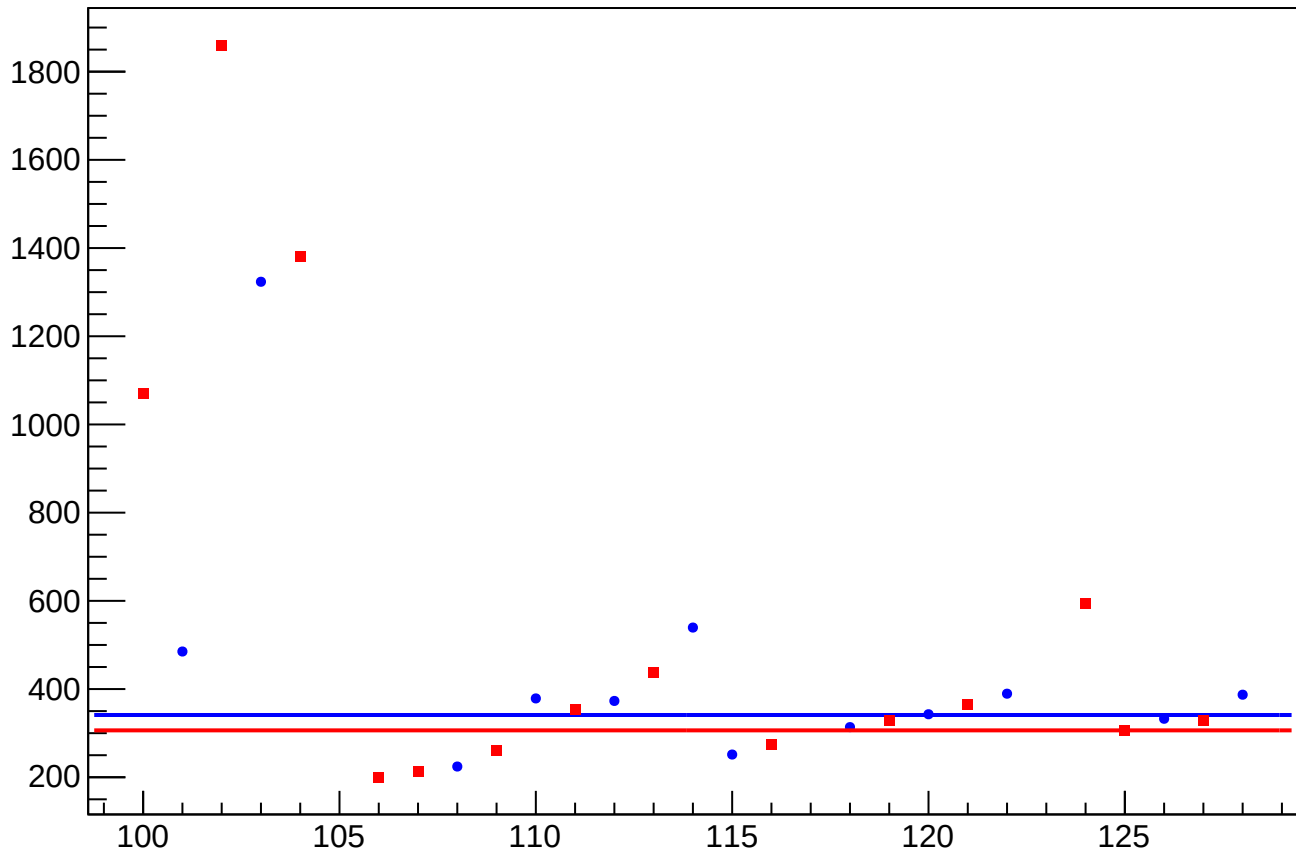
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.157 ± 0.111 χ^2/NDF : 26.9/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 341.188+/-0.117 χ^2/NDF : 1079254.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 306.333+/-0.106 χ^2/NDF : 1678288.9/13

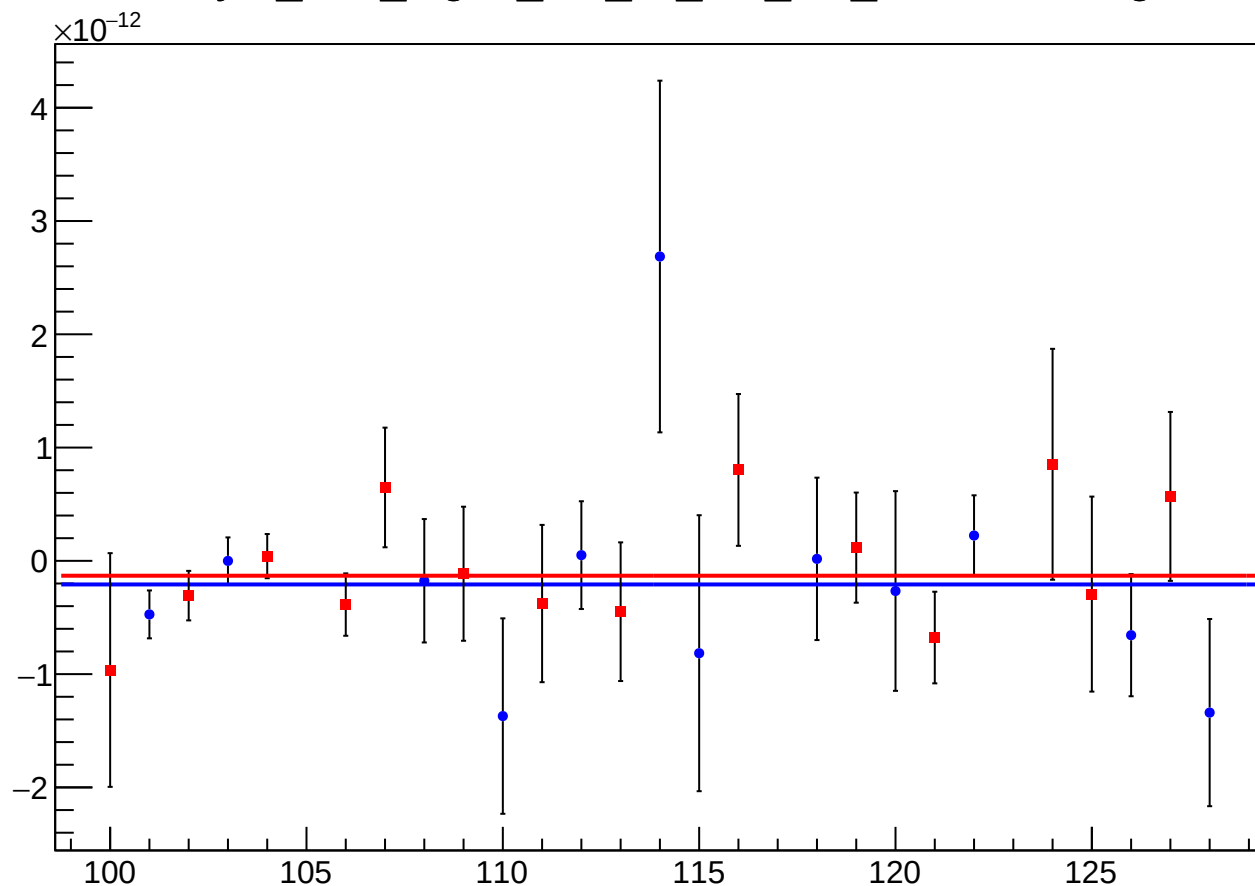
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 322.149+/-0.079 χ^2/NDF : 2806243.2/25

- 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 : 12.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 11.4/13

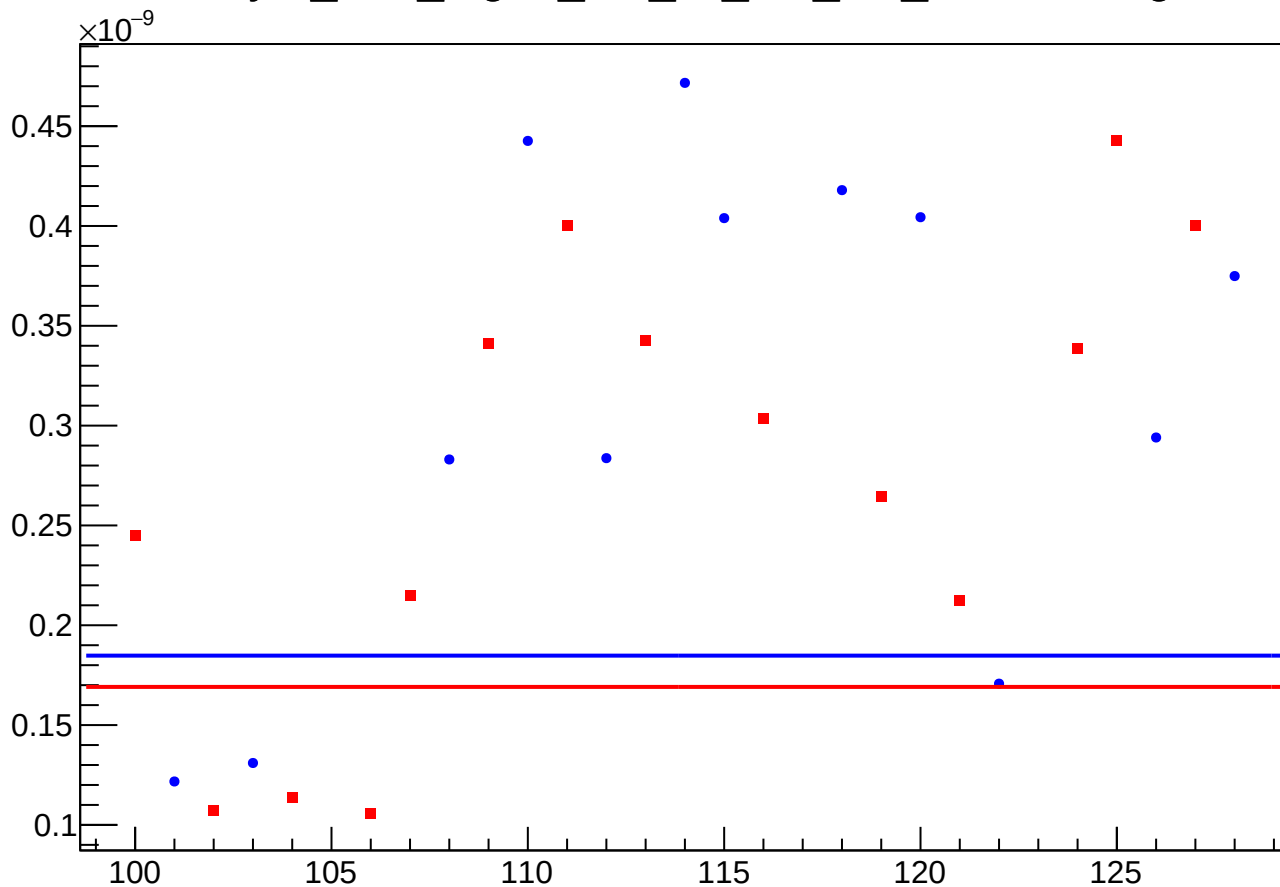
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 24.2/25

- 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 : 1302363.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1635022.9/13

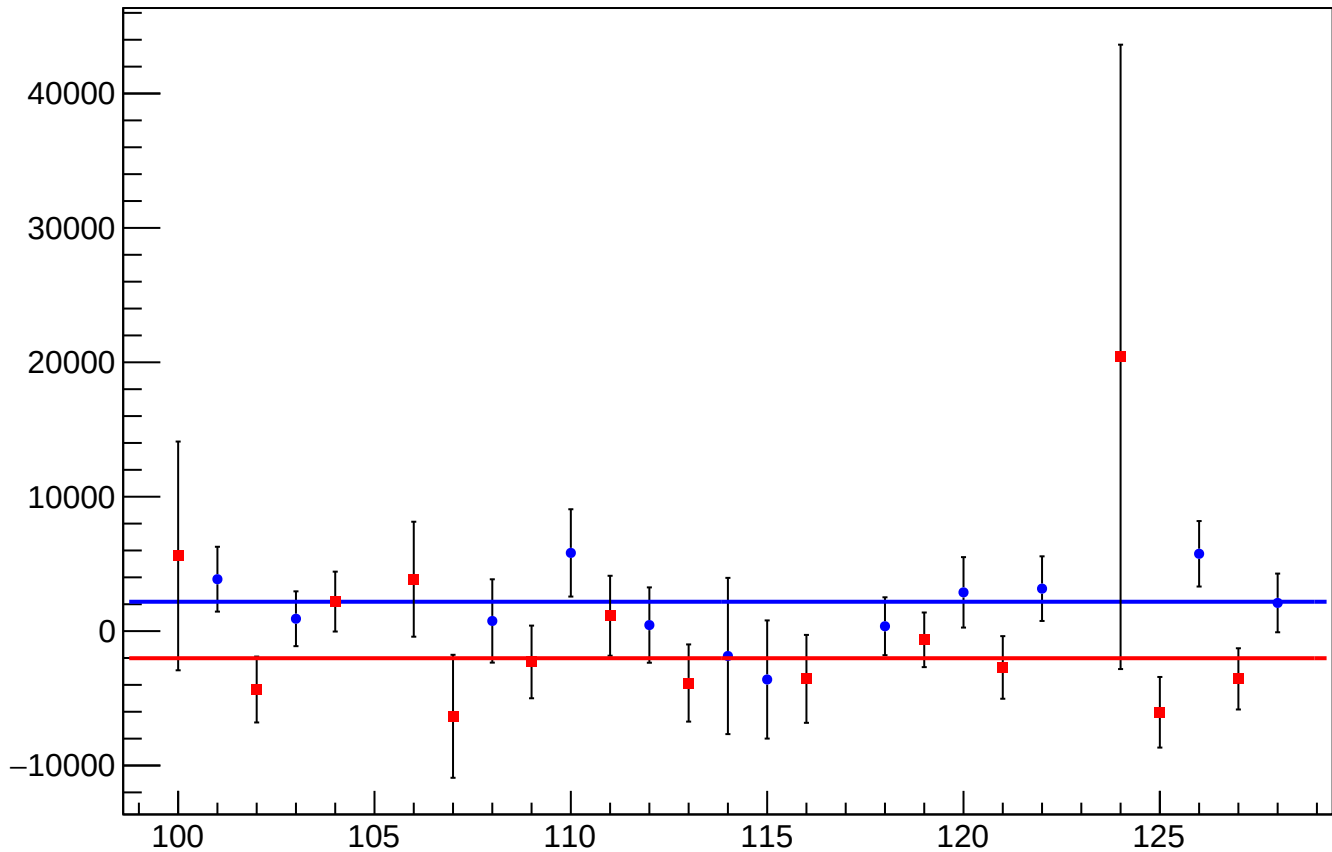
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2956937.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_mean vs Slug



Right In: 2185.092 $\pm$ 759.834 χ^2 /NDF: 8.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2016.374 $\pm$ 763.621 χ^2 /NDF: 14.1/13

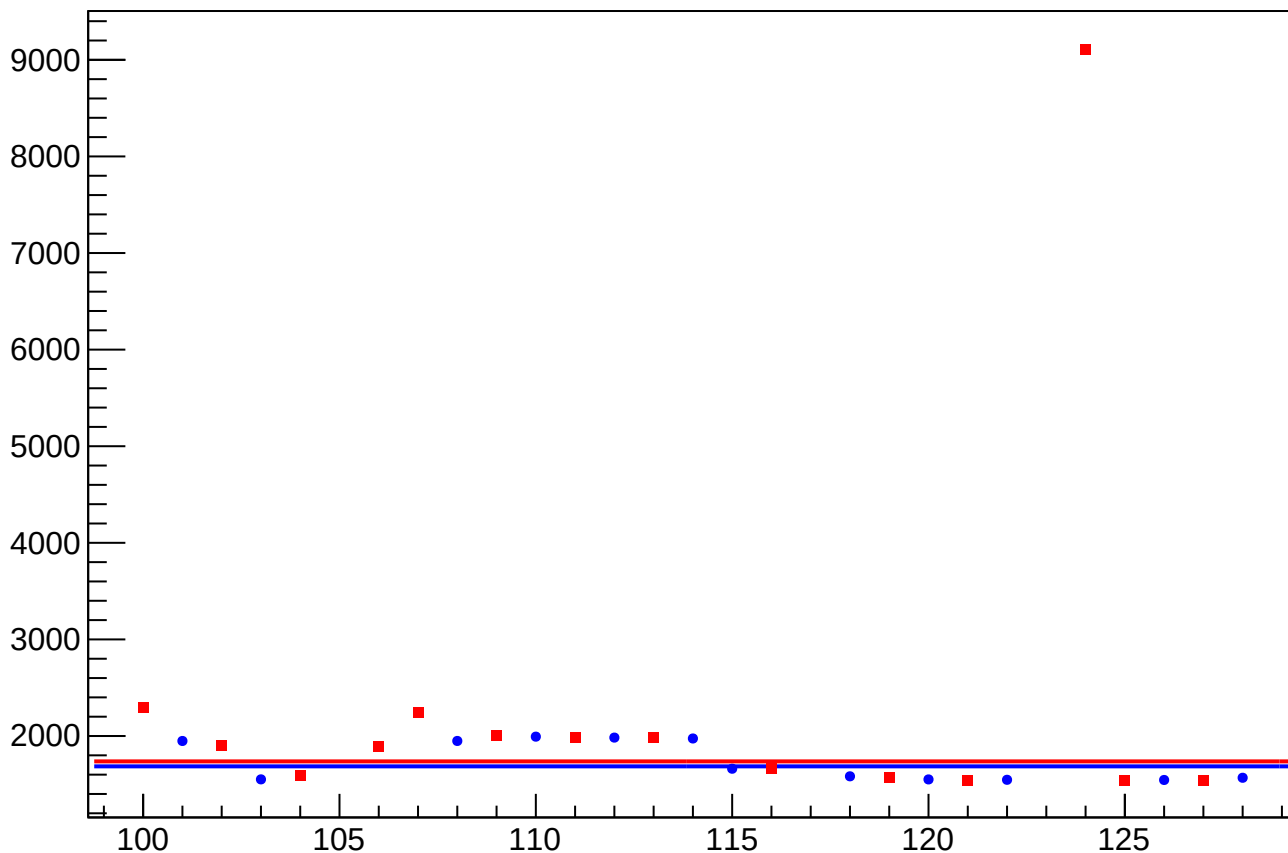
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 94.803 $\pm$ 538.618 χ^2 /NDF: 37.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_rms vs Slug



Right In: 1685.836 $\pm$ 0.537 χ^2 /NDF: 121460.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1737.321 $\pm$ 0.536 χ^2 /NDF: 358681.7/13

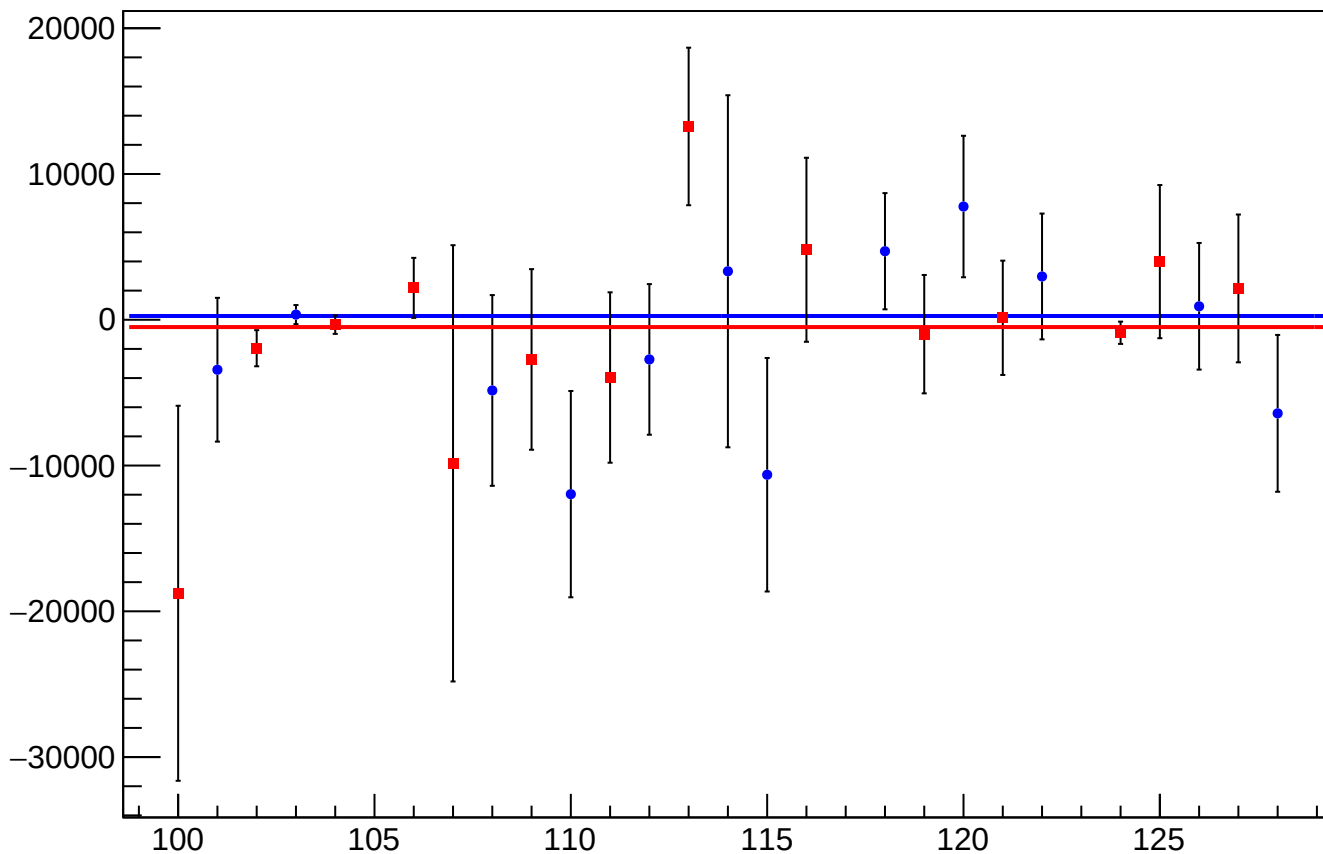
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1711.622 $\pm$ 0.380 χ^2 /NDF: 484741.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_reg_correction_mean vs Slug



Right In: 259.042 $\pm$ 605.329 χ^2 /NDF: 12.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -500.714 $\pm$ 429.700 χ^2 /NDF: 14.5/13

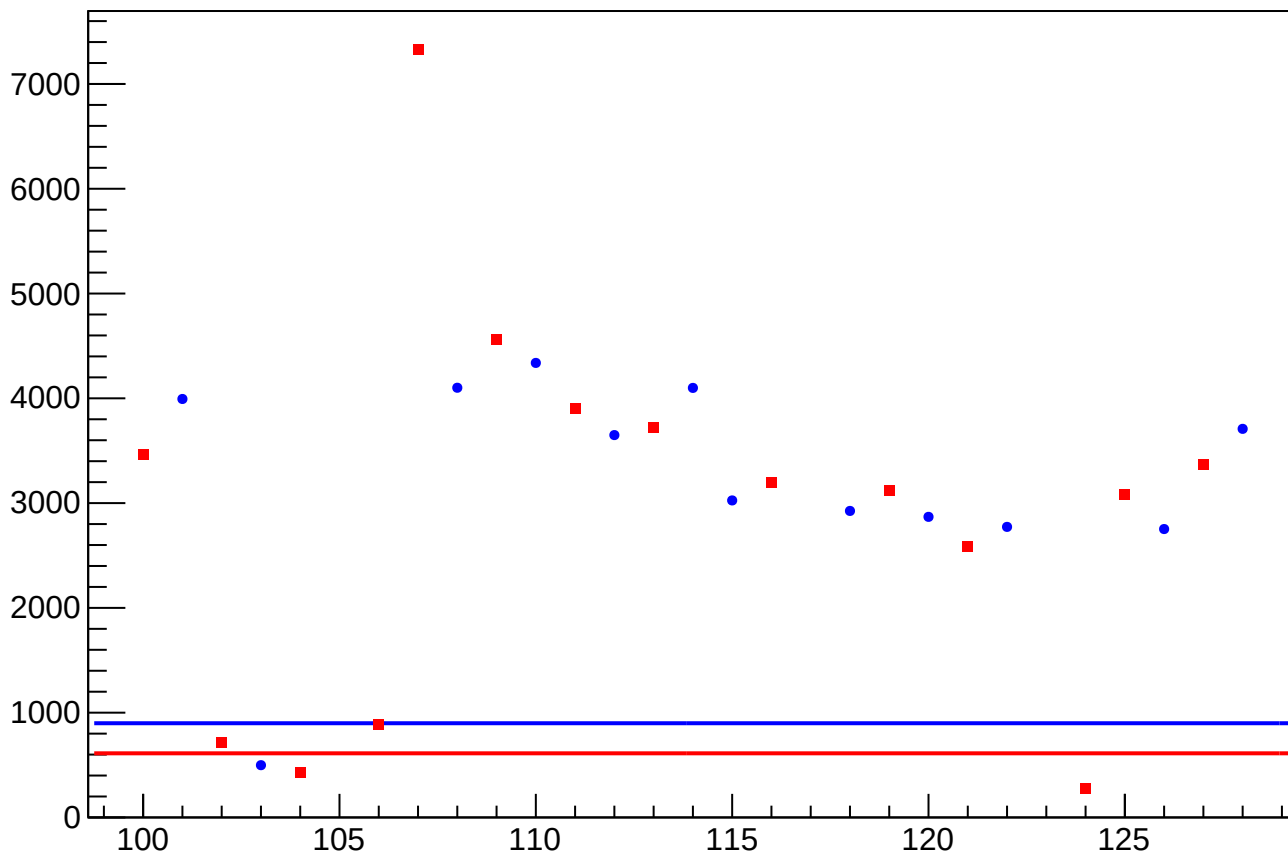
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -246.147 $\pm$ 350.393 χ^2 /NDF: 27.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_reg_correction_rms vs Slug



Right In: 899.197+/-0.428 χ^2/NDF : 5468889.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 612.129+/-0.304 χ^2/NDF : 5842016.7/13

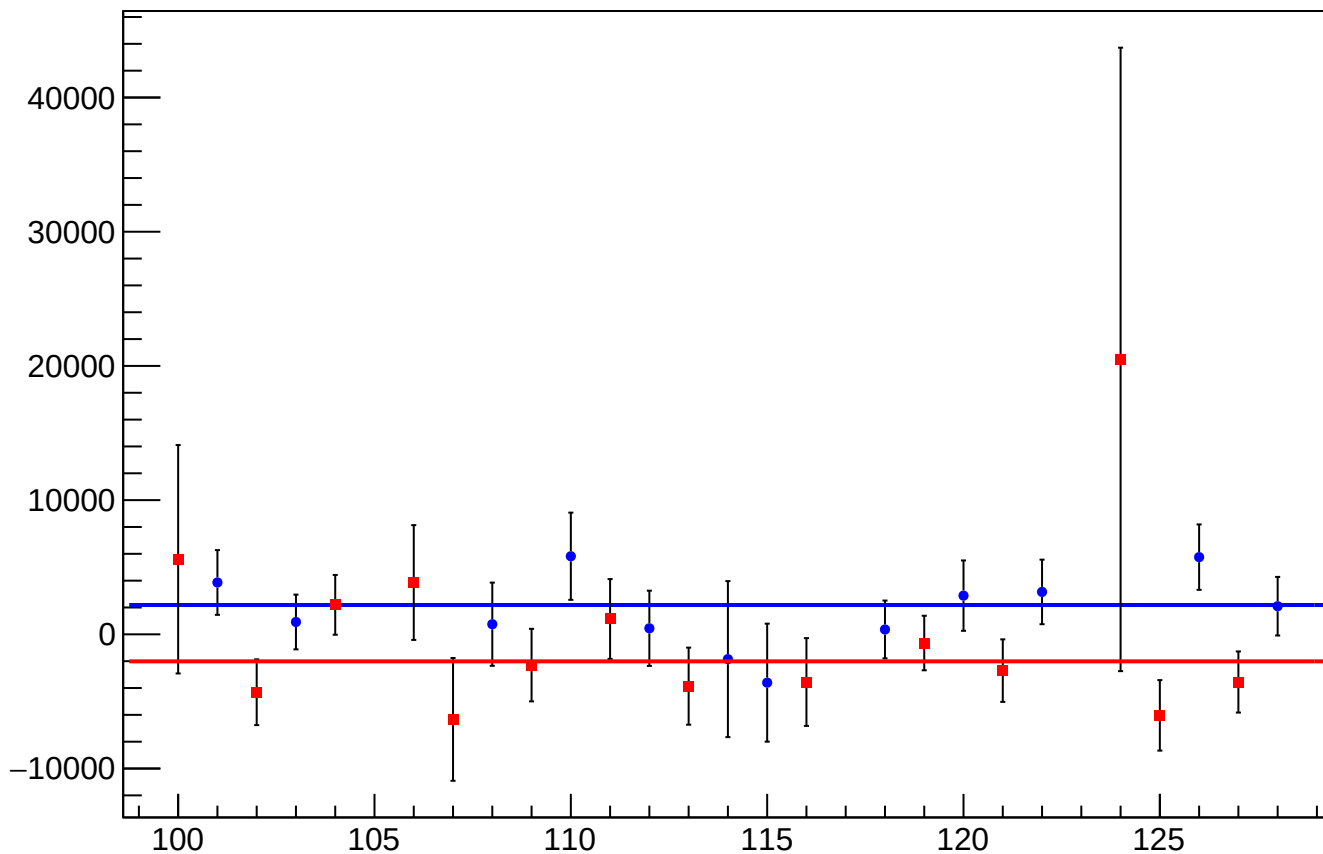
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 708.315+/-0.248 χ^2/NDF : 11609993.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_avg_mean vs Slug



Right In: 2185.327+/-759.834 χ^2/NDF : 8.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2012.853+/-763.629 χ^2/NDF : 14.1/13

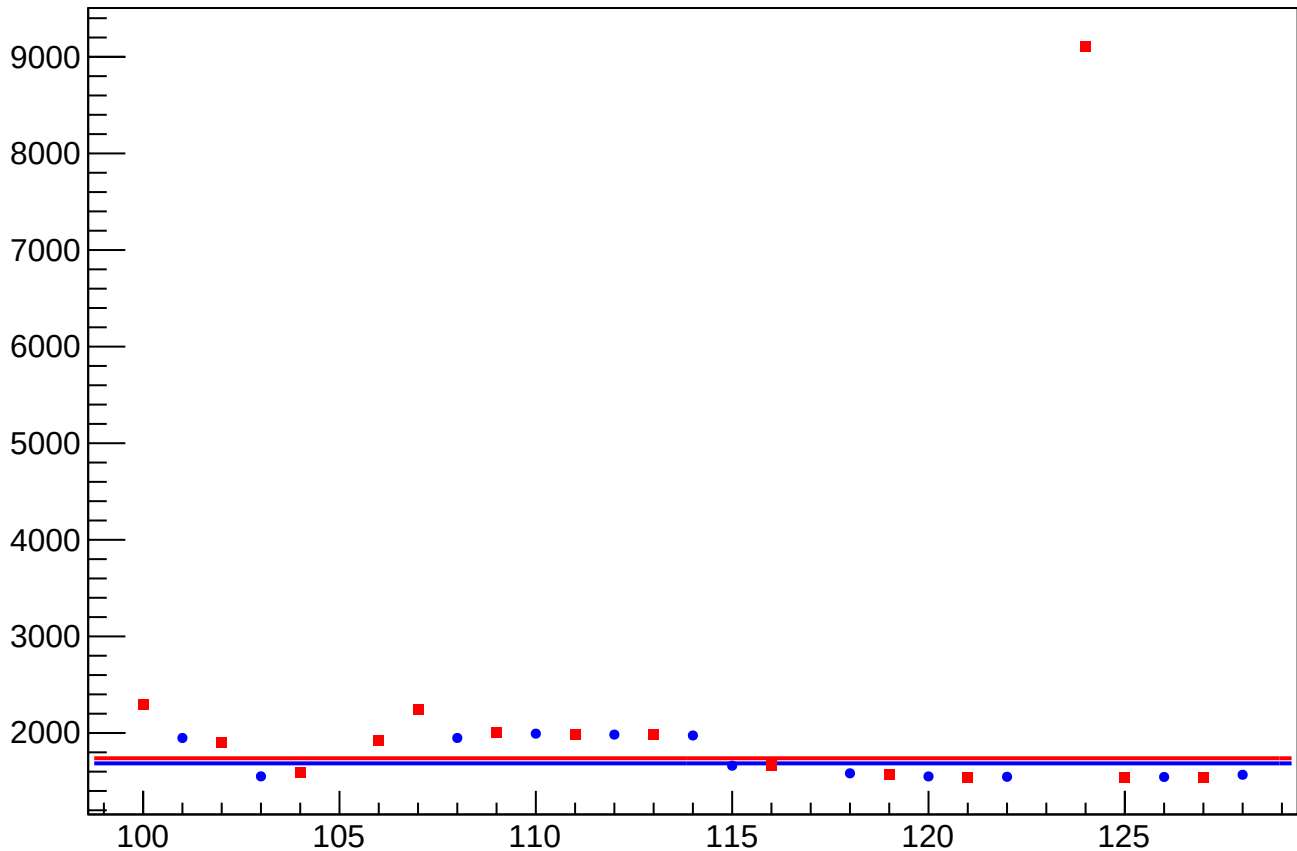
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.696+/-538.621 χ^2/NDF : 37.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_avg_rms vs Slug



Right In: 1685.835 $\pm$ 0.537 χ^2 /NDF: 121460.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1738.522 $\pm$ 0.537 χ^2 /NDF: 360266.2/13

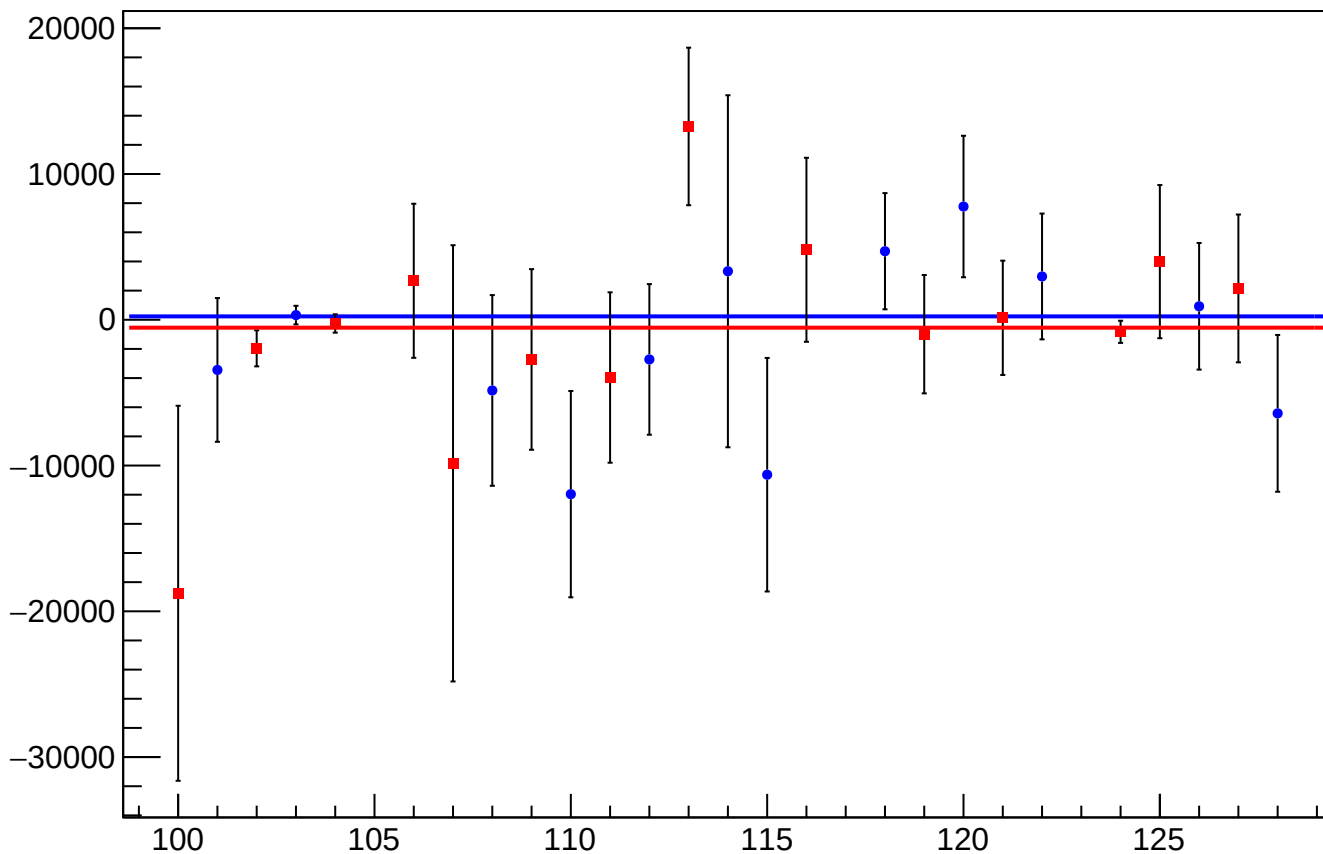
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1712.206 $\pm$ 0.380 χ^2 /NDF: 486539.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_cor_correction_mean vs Slug



Right In: 232.455+/-592.225 χ^2/NDF : 12.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -541.469+/-435.747 χ^2/NDF : 13.2/13

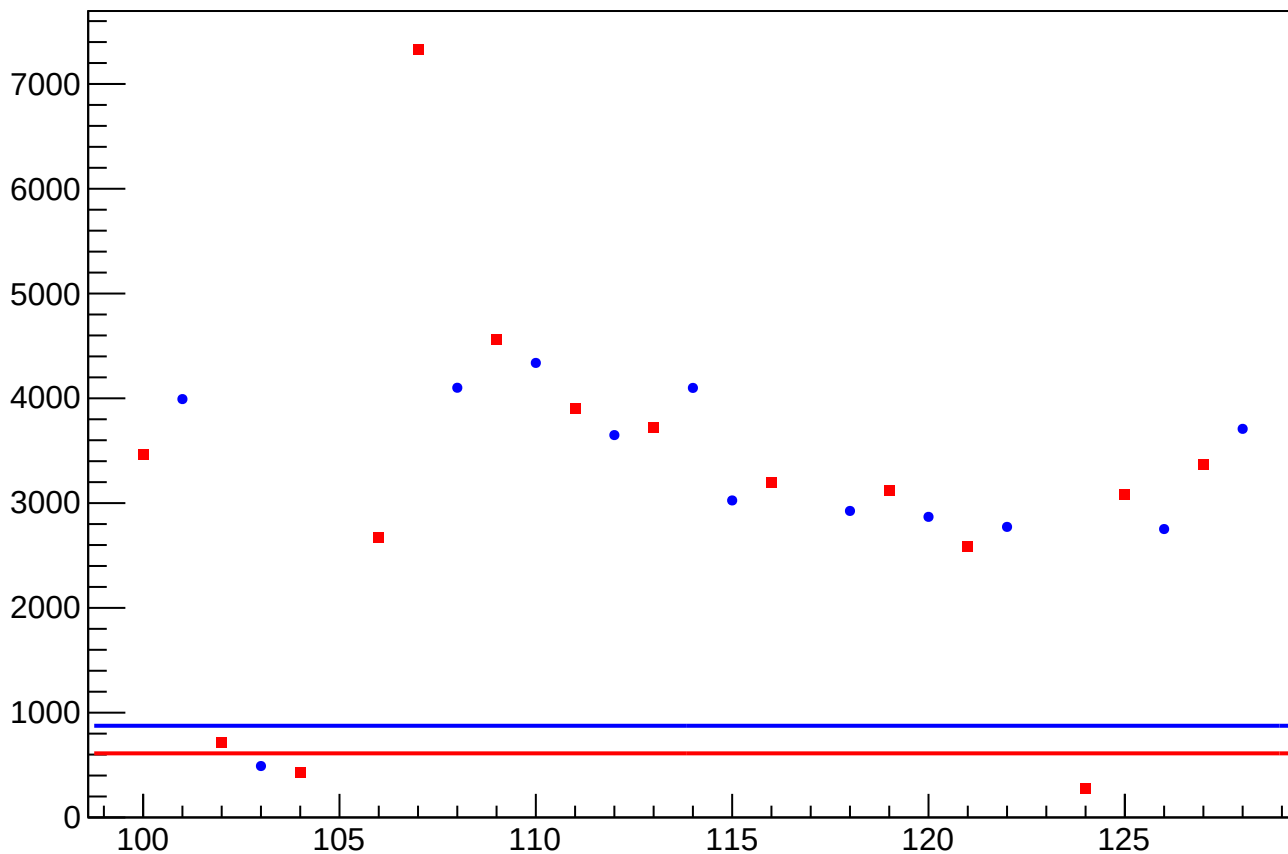
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -269.646+/-350.979 χ^2/NDF : 26.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_cor_correction_rms vs Slug



Right In: 875.035+/-0.419 χ^2/NDF : 5536978.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 611.764+/-0.308 χ^2/NDF : 6121993.1/13

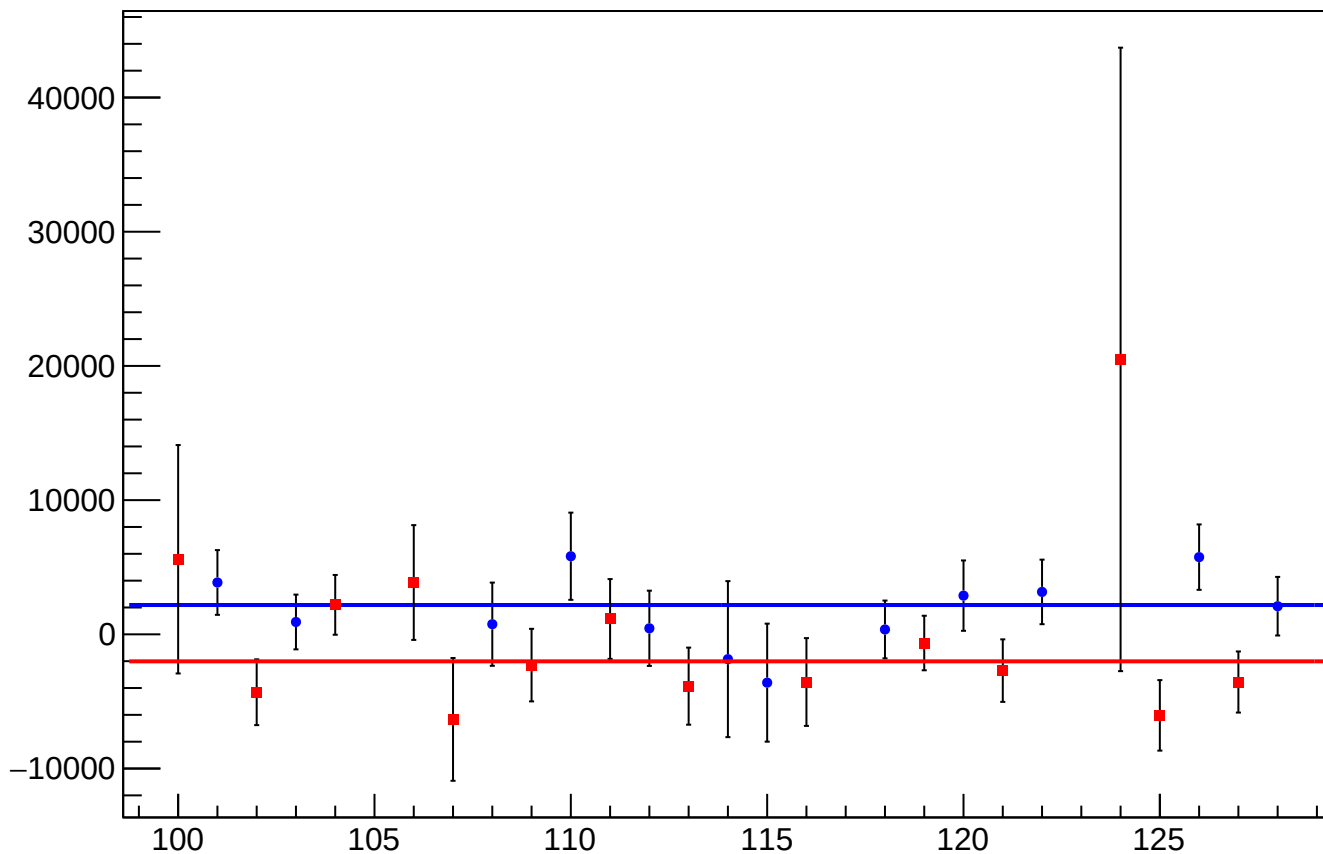
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 704.232+/-0.248 χ^2/NDF : 11915393.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_avg_mean vs Slug



Right In: 2185.327 $\pm$ 759.834 χ^2 /NDF: 8.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2012.853 $\pm$ 763.629 χ^2 /NDF: 14.1/13

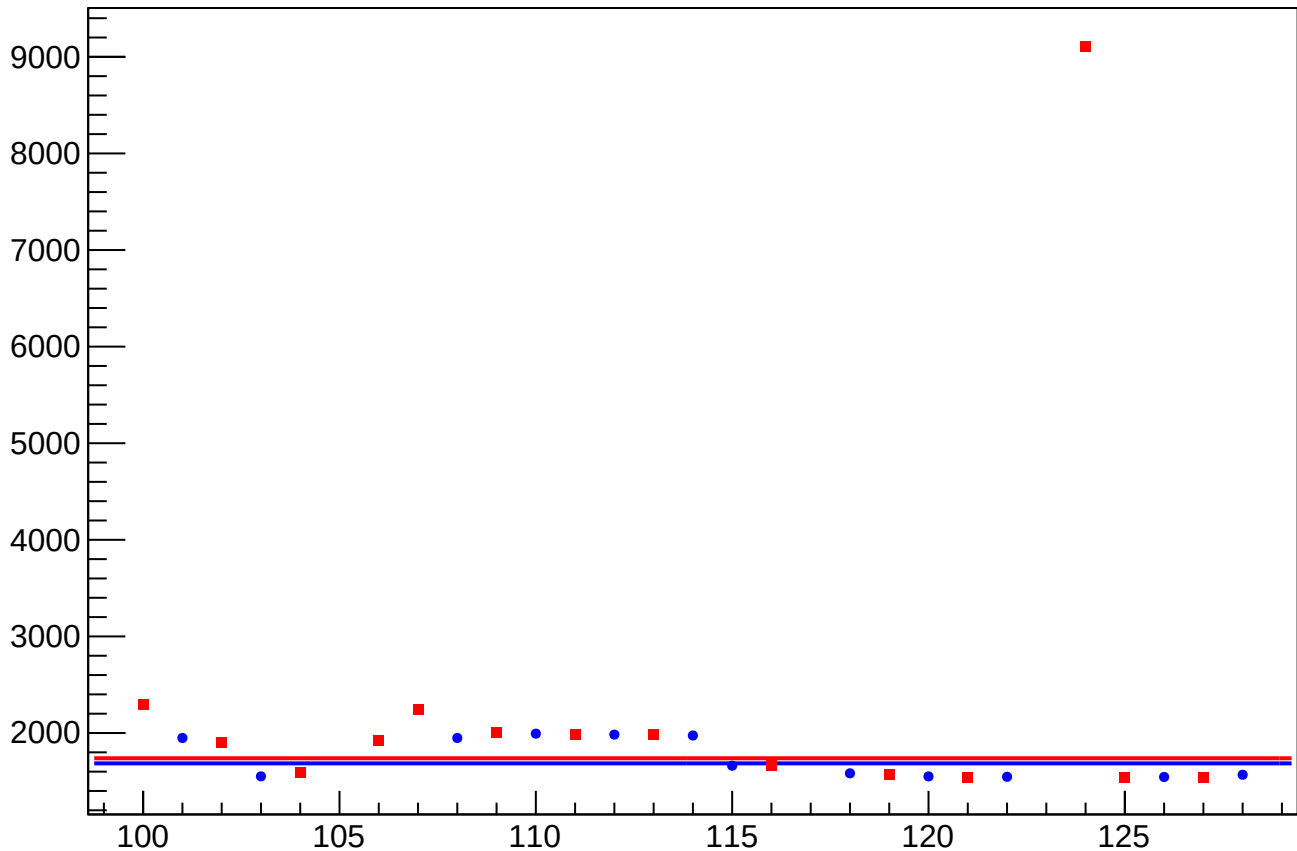
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 96.696 $\pm$ 538.621 χ^2 /NDF: 37.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl_avg_rms vs Slug



Right In: 1685.835 $\pm$ 0.537 χ^2 /NDF: 121460.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1738.522 $\pm$ 0.537 χ^2 /NDF: 360266.2/13

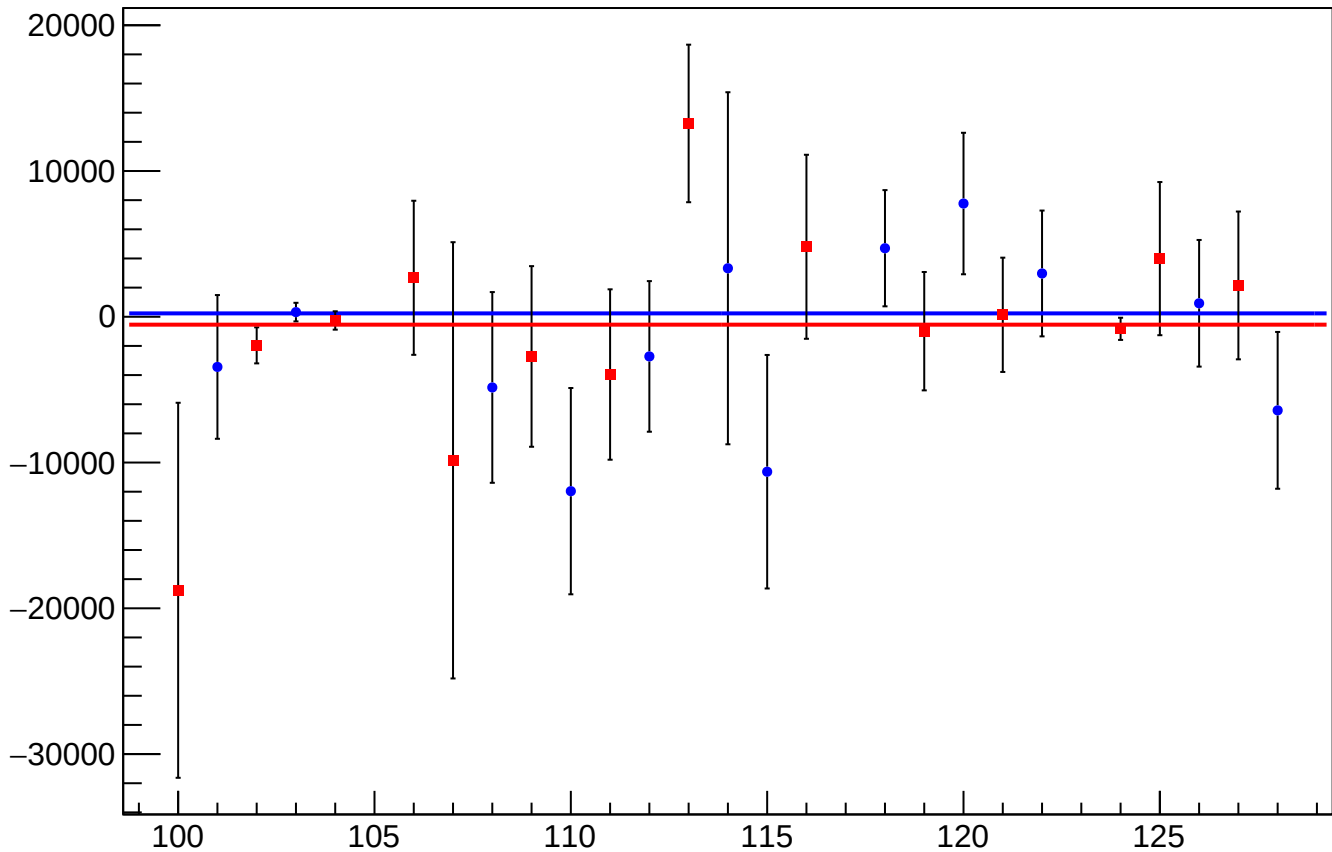
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1712.206 $\pm$ 0.380 χ^2 /NDF: 486539.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_eigen_cor_correction_mean vs Slug



Right In: 232.455+/-592.225 χ^2/NDF : 12.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -541.469+/-435.747 χ^2/NDF : 13.2/13

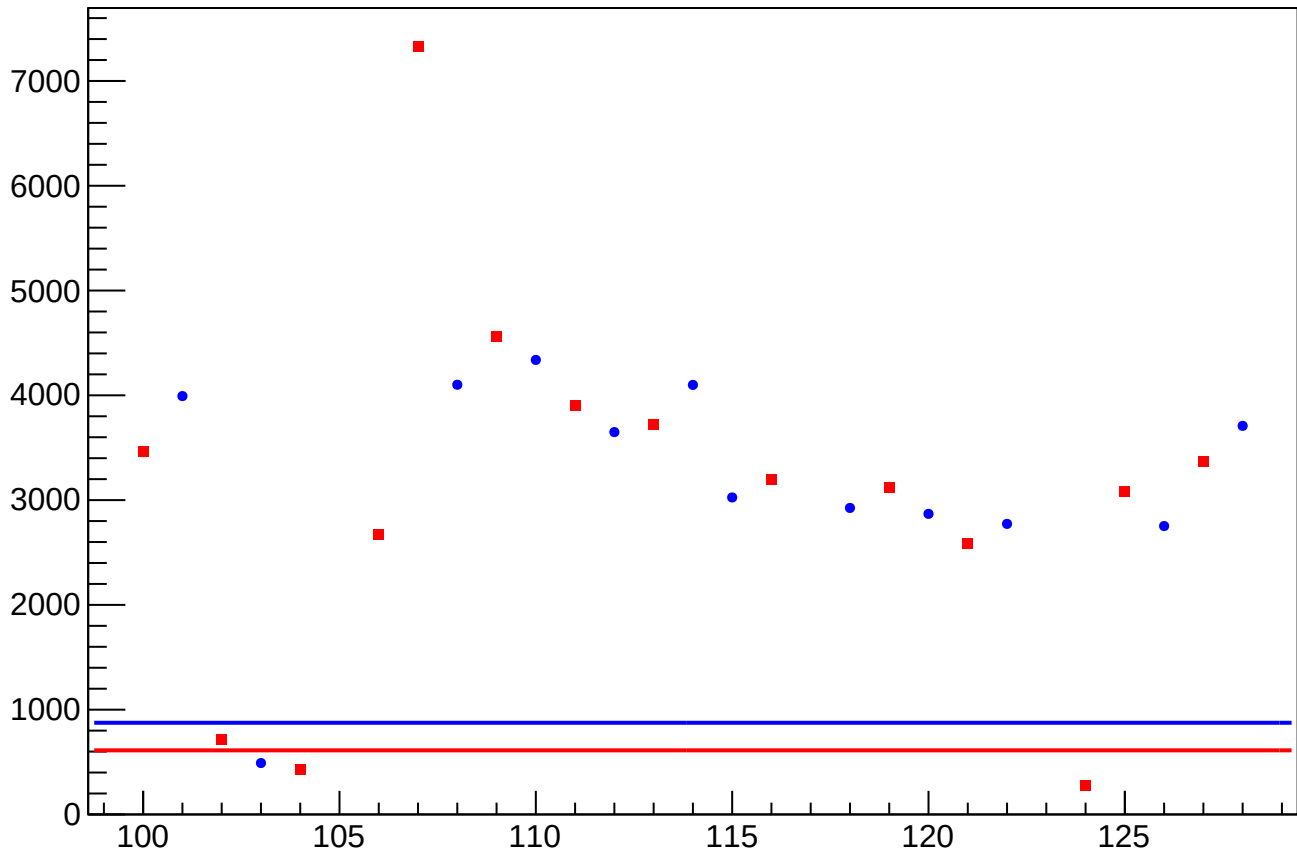
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -269.646+/-350.979 χ^2/NDF : 26.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_cor_correction_rms vs Slug



Right In: 875.035+/-0.419 χ^2/NDF : 5536978.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 611.764+/-0.308 χ^2/NDF : 6121993.1/13

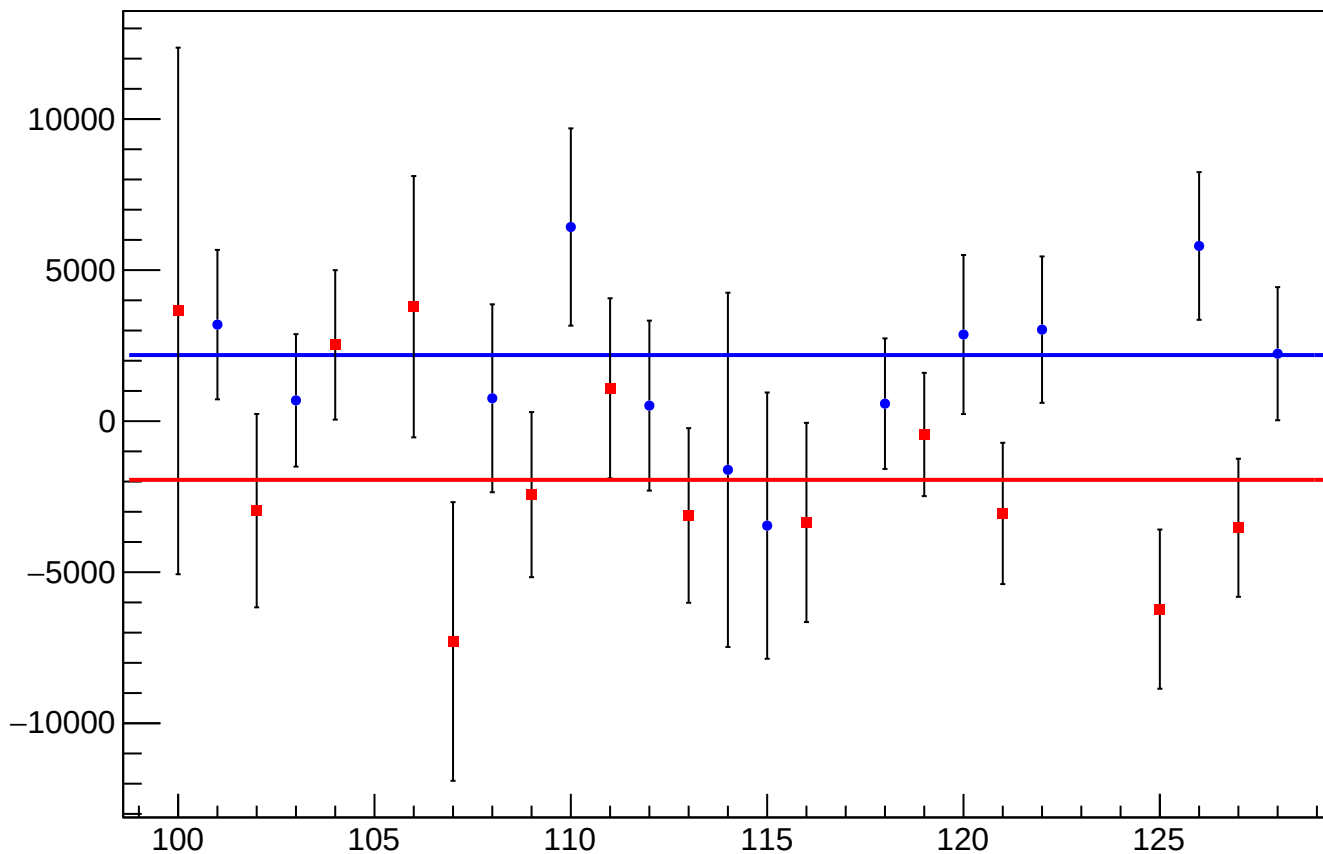
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 704.232+/-0.248 χ^2/NDF : 11915393.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_mean vs Slug



Right In: 2188.058+/-772.032 χ^2/NDF : 7.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1941.897+/-792.690 χ^2/NDF : 12.2/12

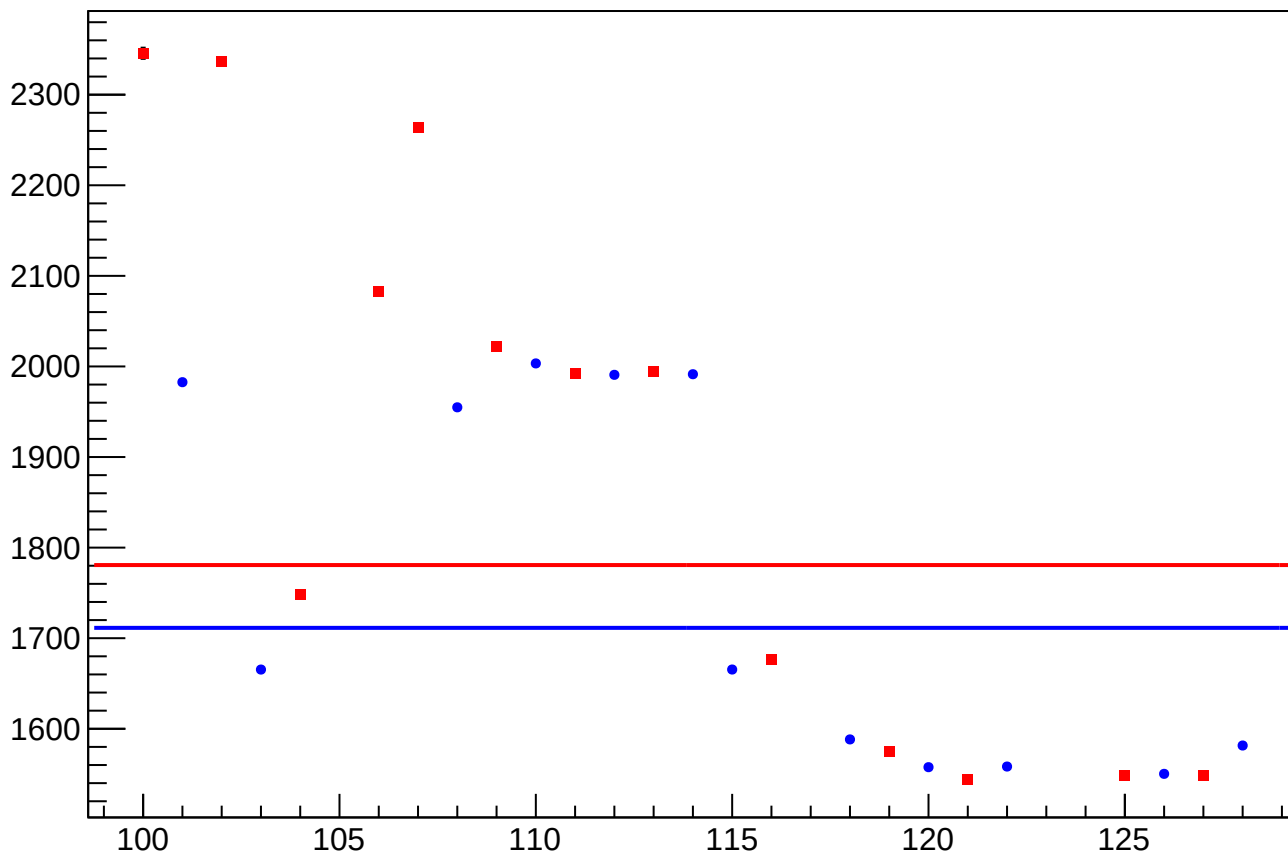
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.596+/-553.068 χ^2/NDF : 34.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_rms vs Slug



Right In: 1711.424+/-0.546 χ^2/NDF : 114622.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

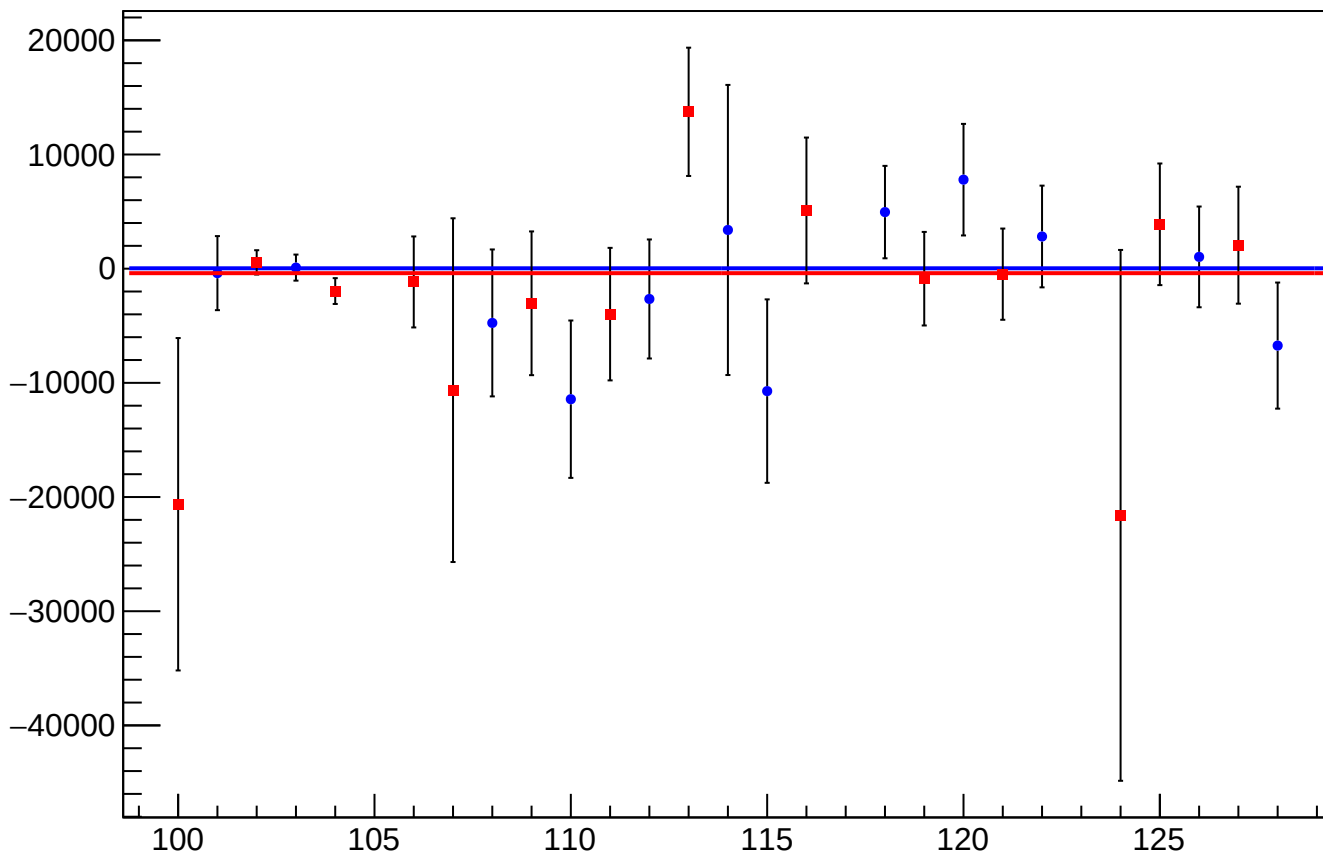
Right Out: 1780.747+/-0.559 χ^2/NDF : 218296.4/12

All: 1745.284+/-0.390 χ^2/NDF : 340795.2/24

- 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_dit_correction_mean vs Slug



Right In: 33.347+/-911.333 χ^2/NDF : 11.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -393.764+/-699.626 χ^2/NDF : 14.5/13

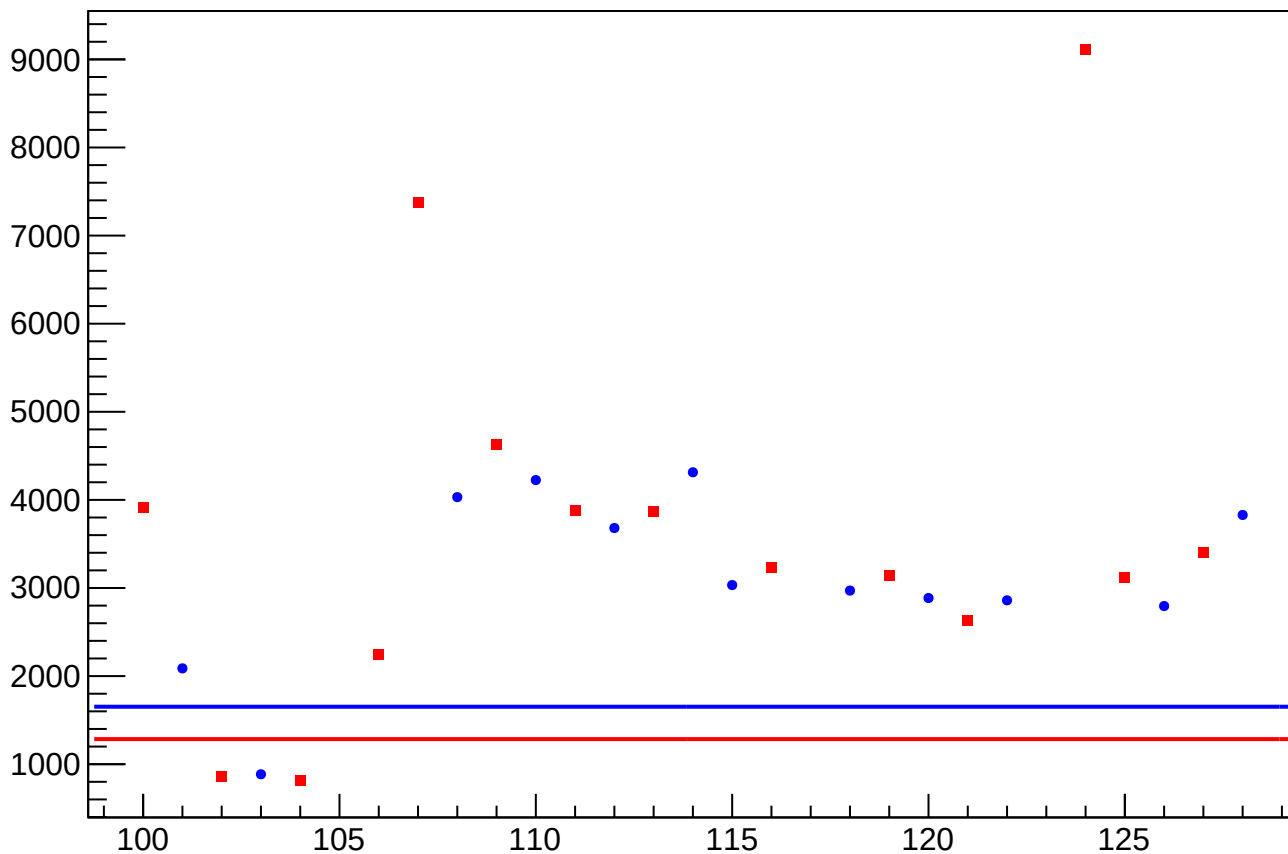
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -235.385+/-554.952 χ^2/NDF : 26.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_dit_correction_rms vs Slug



Right In: 1652.410+/-0.644 χ^2/NDF : 2872131.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.858+/-0.495 χ^2/NDF : 4200724.2/13

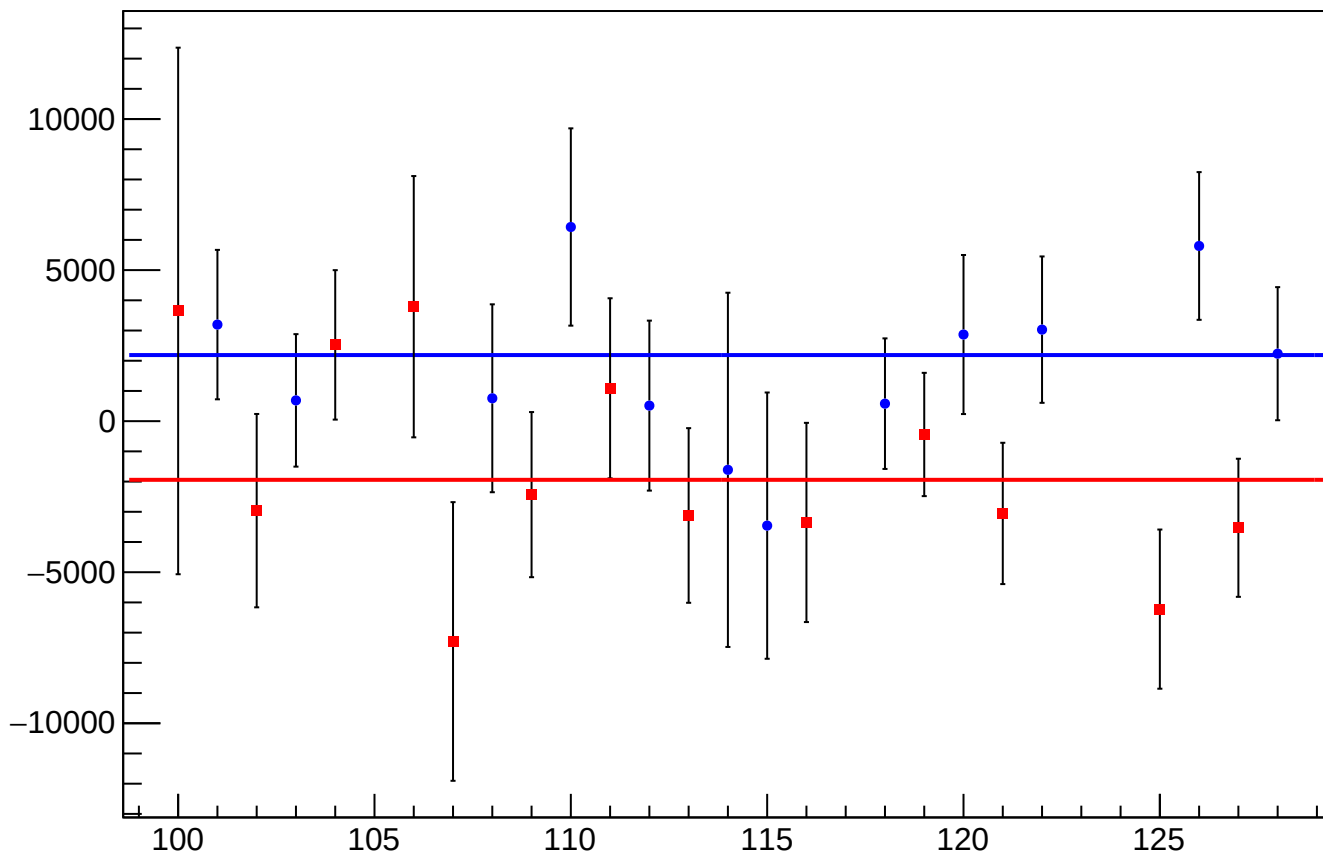
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1421.151+/-0.392 χ^2/NDF : 7277543.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_avg_mean vs Slug



Right In: 2188.060 $\pm$ 772.032 χ^2 /NDF: 7.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1941.898 $\pm$ 792.689 χ^2 /NDF: 12.2/12

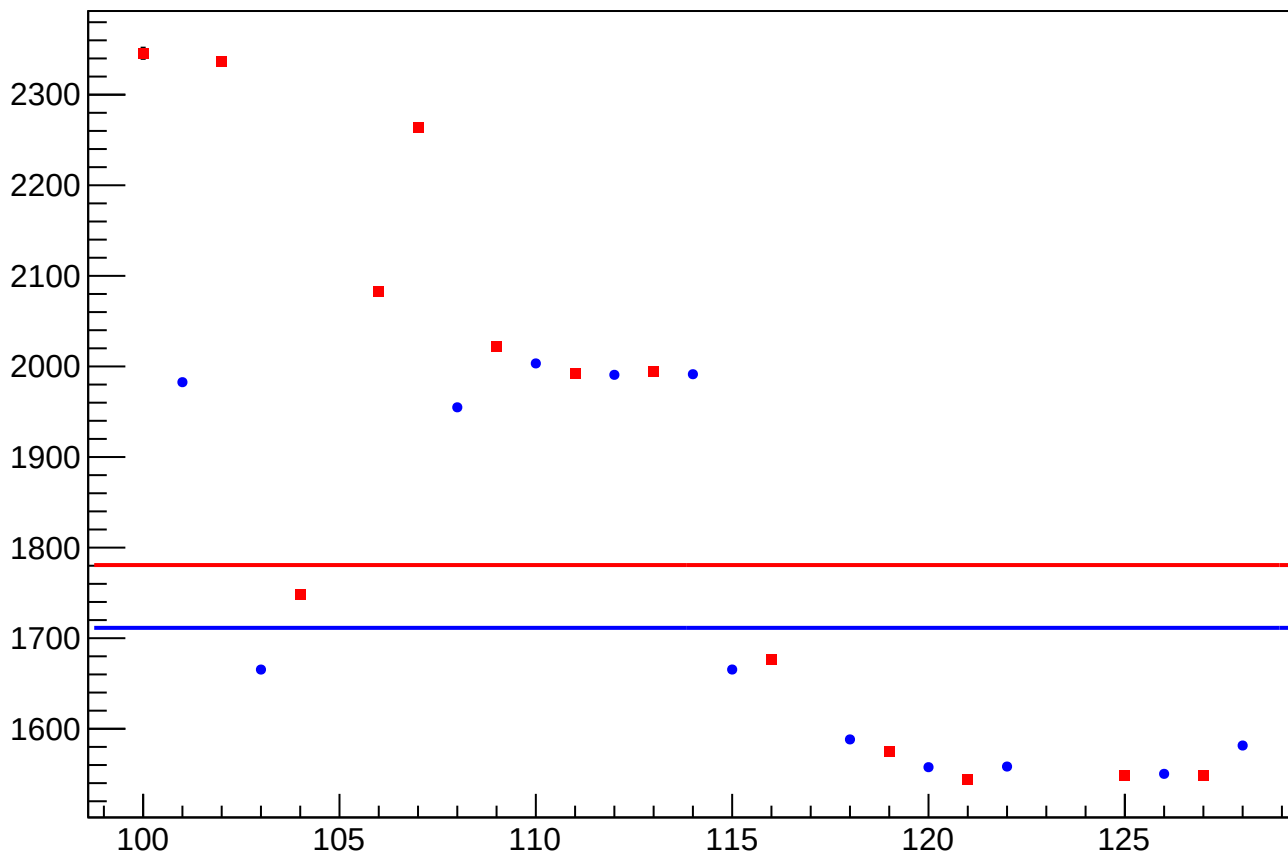
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 177.596 $\pm$ 553.068 χ^2 /NDF: 34.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atl_avg_rms vs Slug



Right In: 1711.424+/-0.546 χ^2/NDF : 114622.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1780.746+/-0.559 χ^2/NDF : 218296.0/12

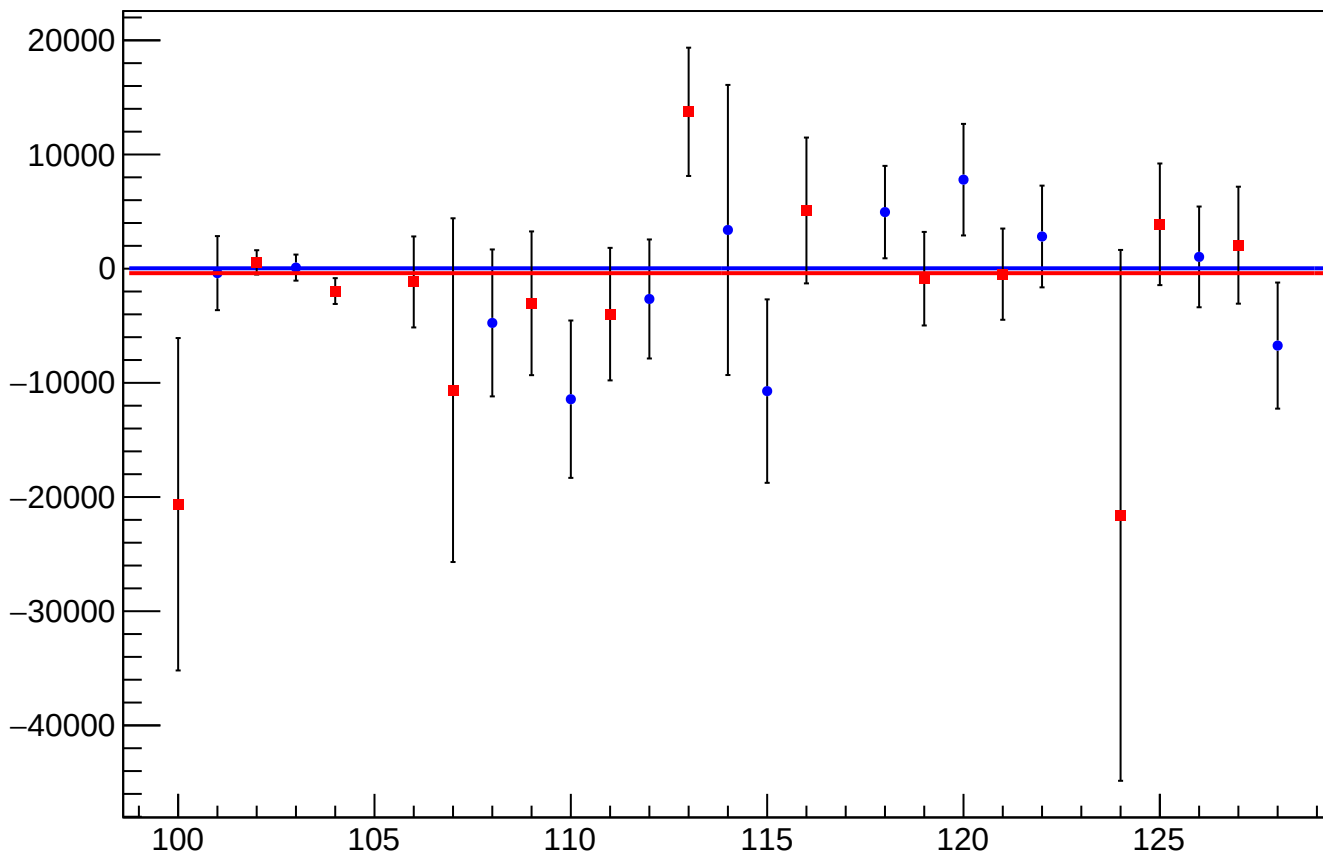
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1745.283+/-0.390 χ^2/NDF : 340795.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_dit_correction_mean vs Slug



Right In: 33.350+/-911.327 χ^2/NDF : 11.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -393.764+/-699.621 χ^2/NDF : 14.5/13

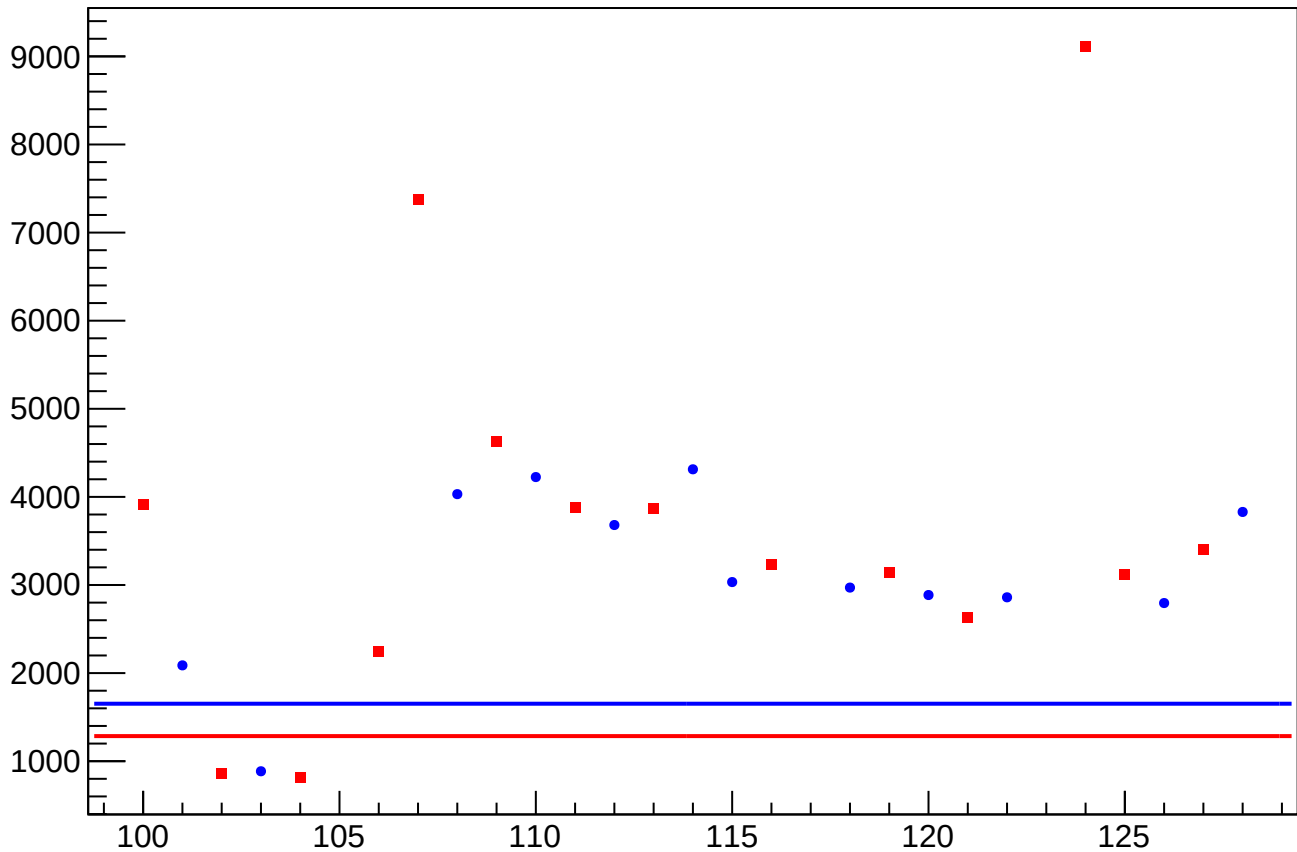
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -235.384+/-554.948 χ^2/NDF : 26.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_dit_correction_rms vs Slug



Right In: 1652.395+/-0.644 χ^2/NDF : 2872149.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.846+/-0.495 χ^2/NDF : 4200745.2/13

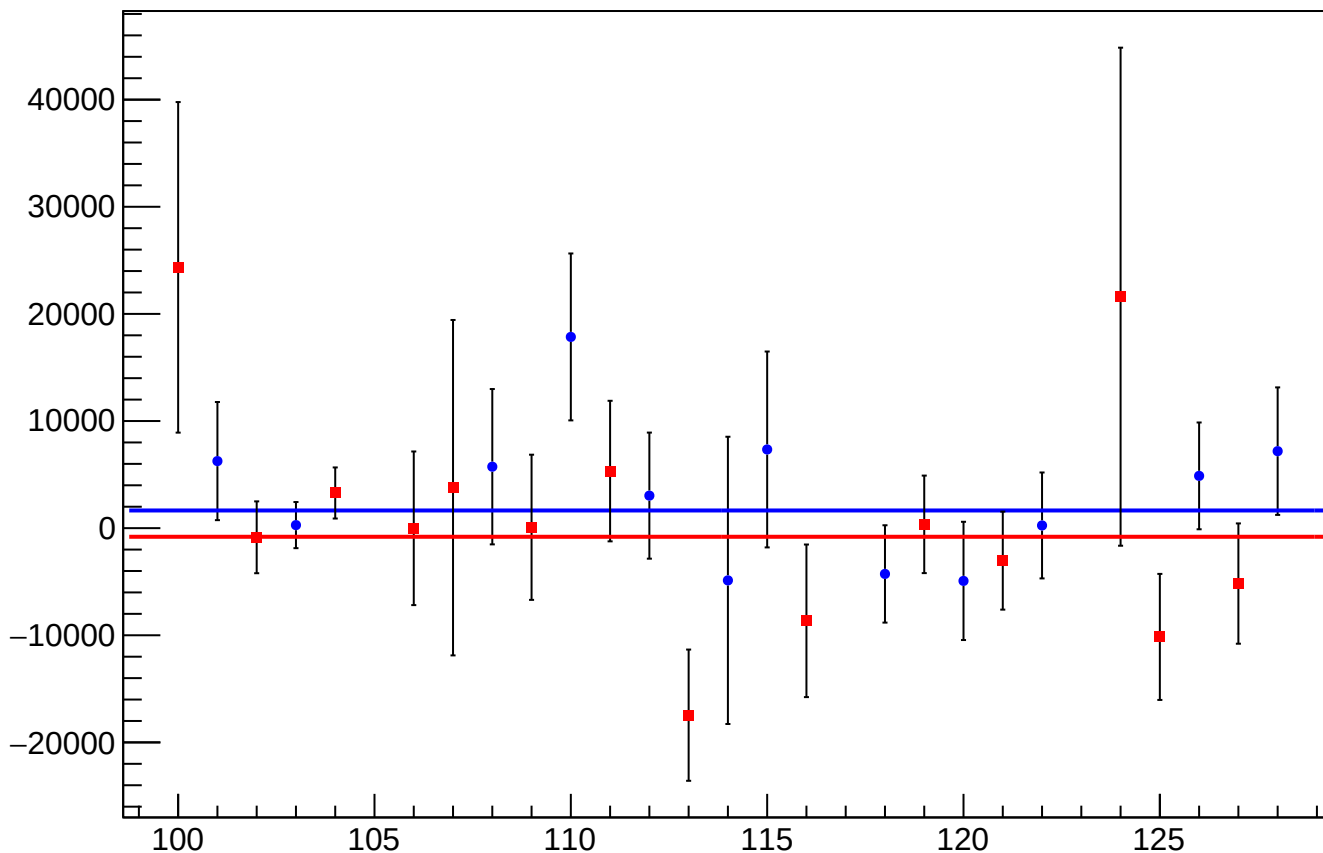
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1421.138+/-0.392 χ^2/NDF : 7277582.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_mean vs Slug



Right In: 1649.867+/-1385.204 χ^2/NDF : 10.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -804.869+/-1357.765 χ^2/NDF : 19.6/13

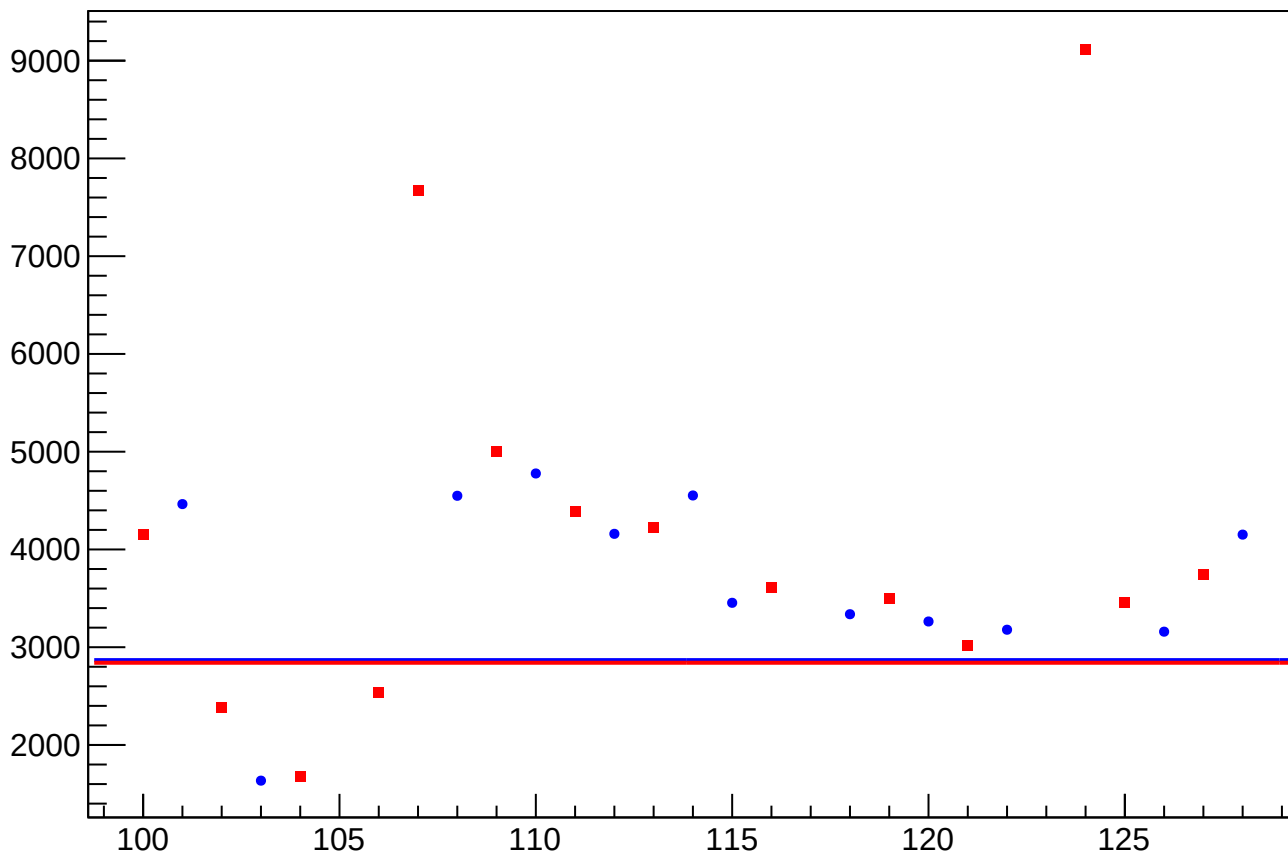
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 397.946+/-969.640 χ^2/NDF : 32.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_rms vs Slug



Right In: 2868.040+/-0.979 χ^2/NDF : 1326620.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2841.005+/-0.942 χ^2/NDF : 1432047.2/13

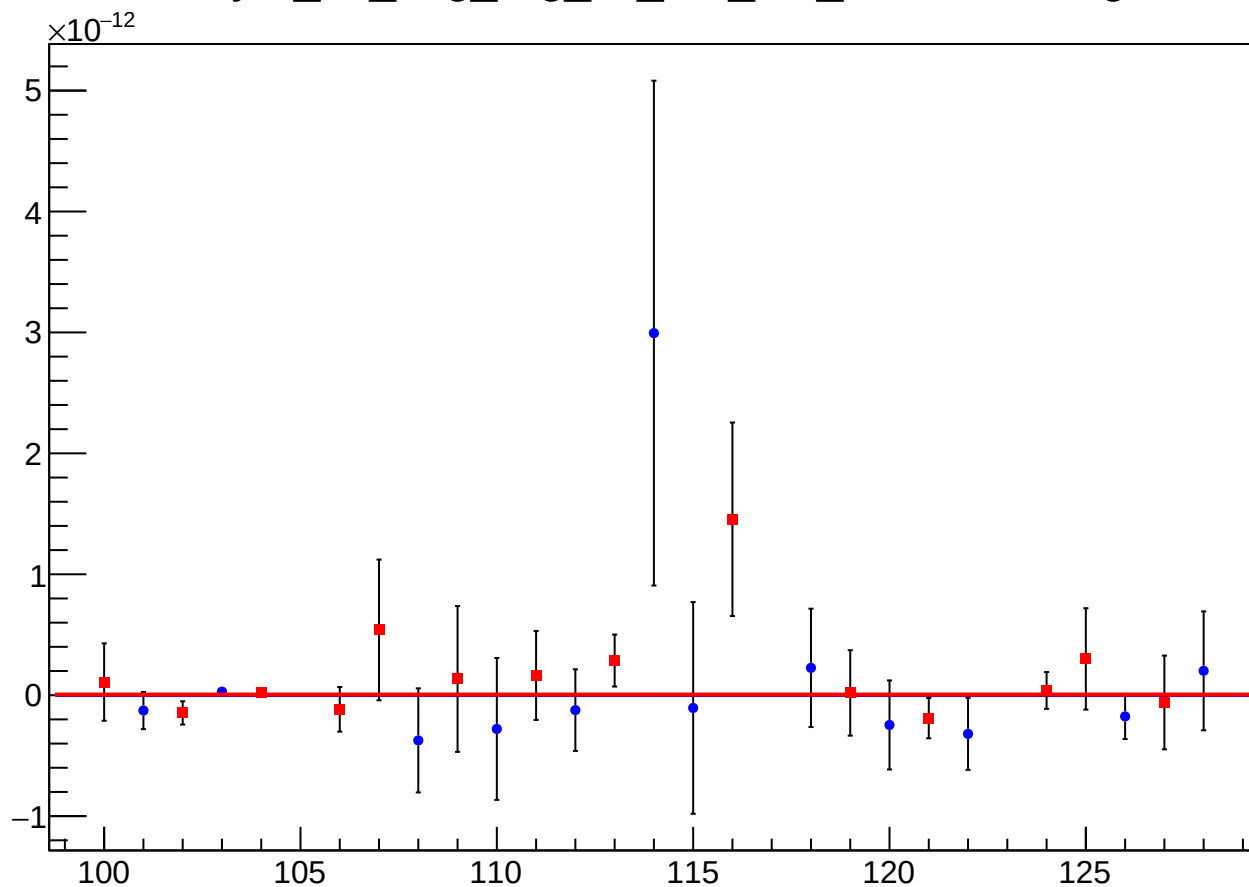
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2853.999+/-0.679 χ^2/NDF : 2759063.2/25

- 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: 7.3/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 11.3/13

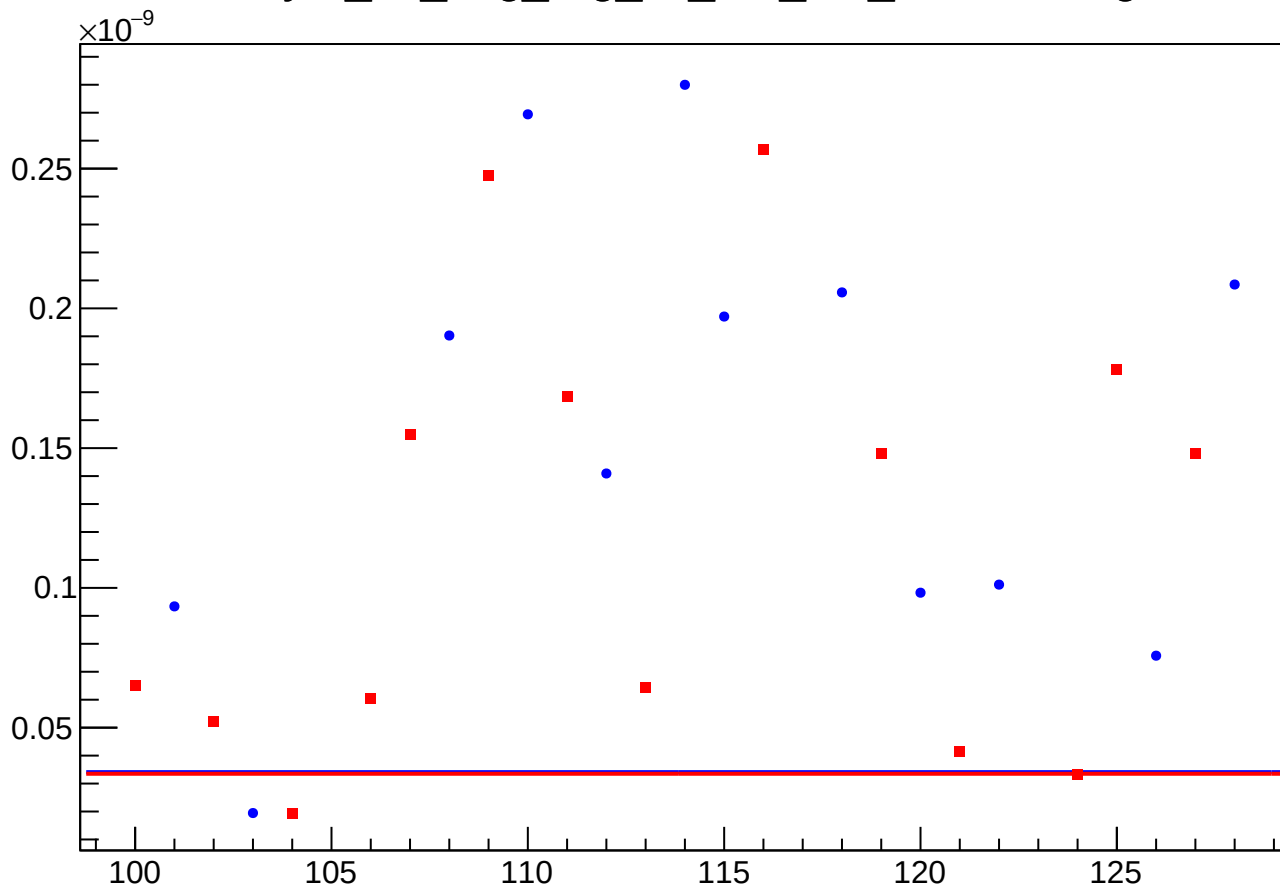
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 18.6/25

- 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 : 2206911.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1824810.7/13

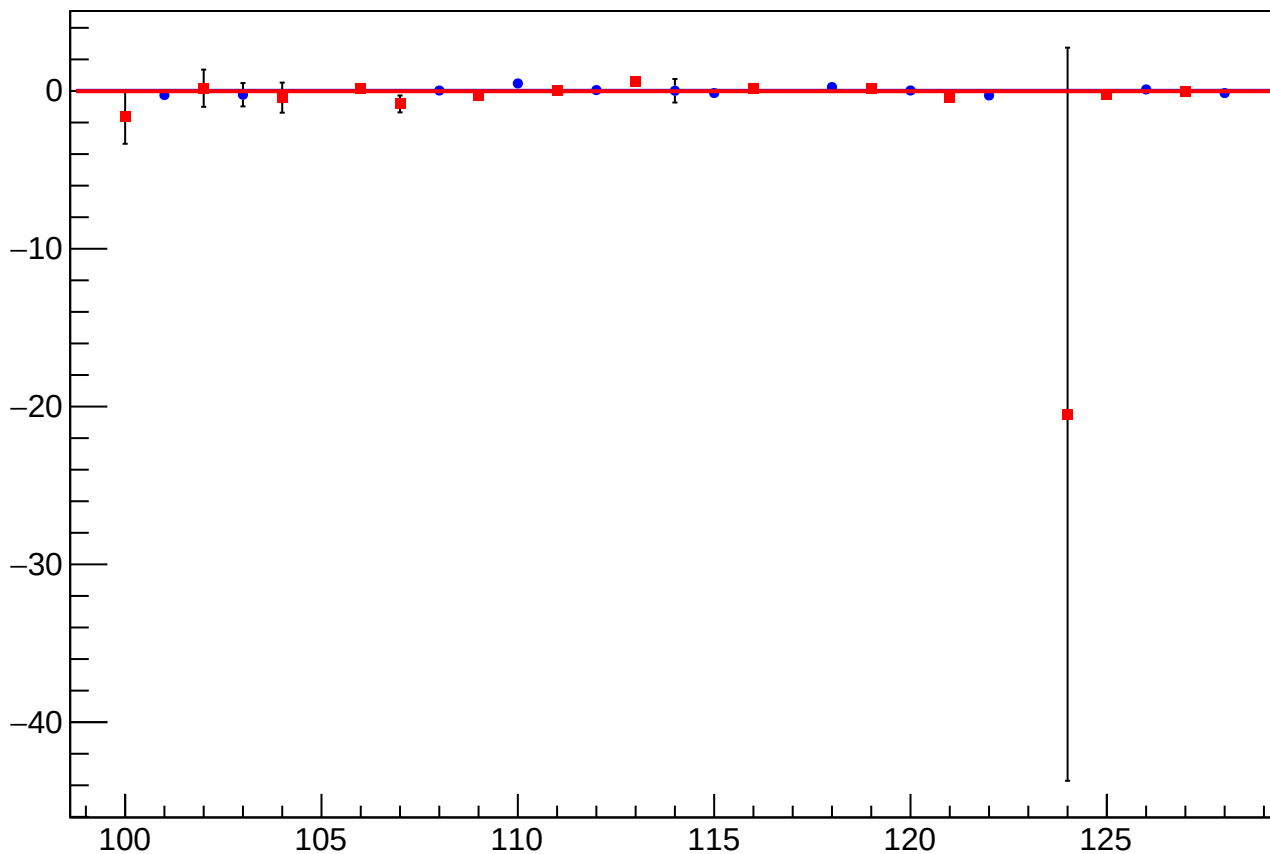
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4031993.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.008 $\pm$ 0.066 χ^2 /NDF: 9.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.018 $\pm$ 0.064 χ^2 /NDF: 18.1/13

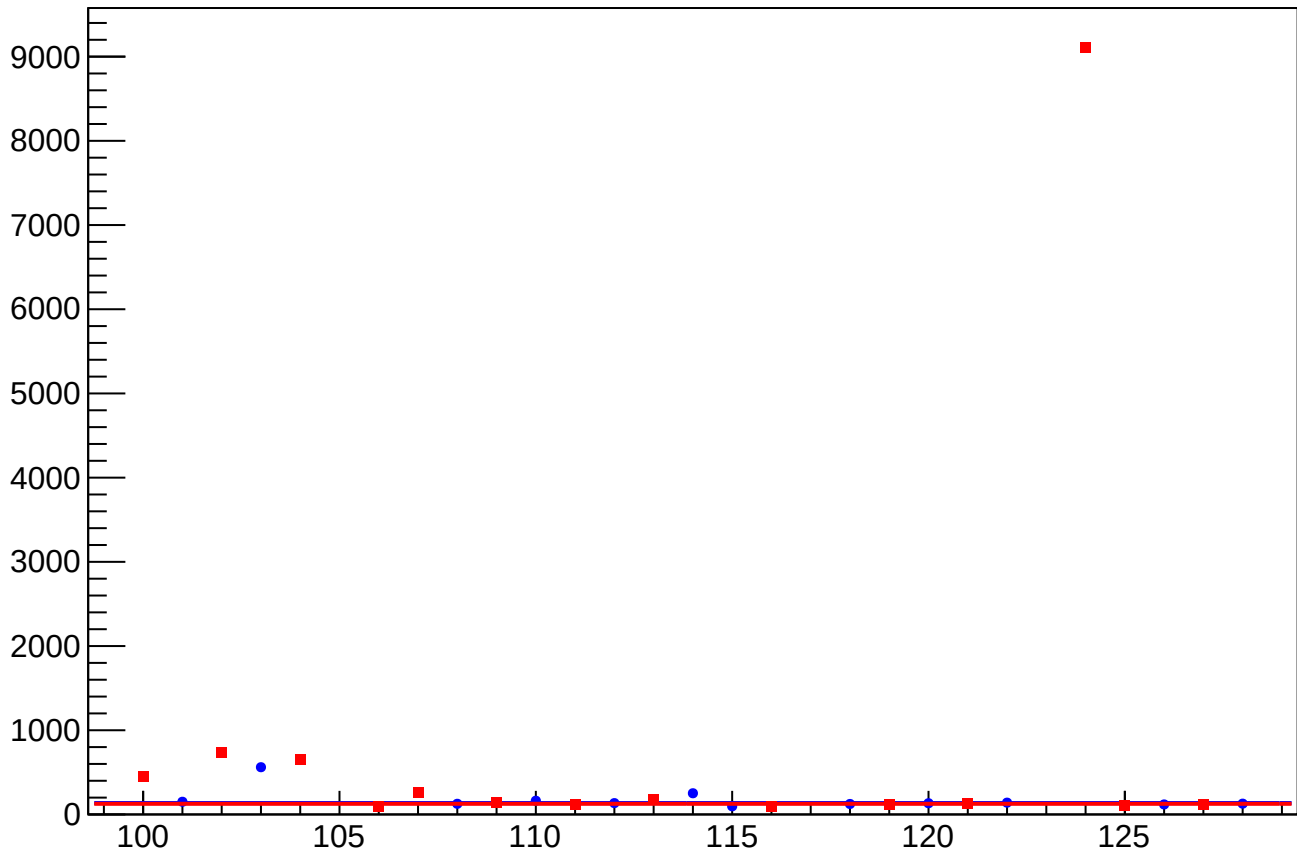
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.046 χ^2 /NDF: 27.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_dit_vs_cor_diff_rms vs Slug



Right In: 135.480 $\pm$ 0.046 χ^2 /NDF: 816176.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 126.527 $\pm$ 0.045 χ^2 /NDF: 1833280.1/13

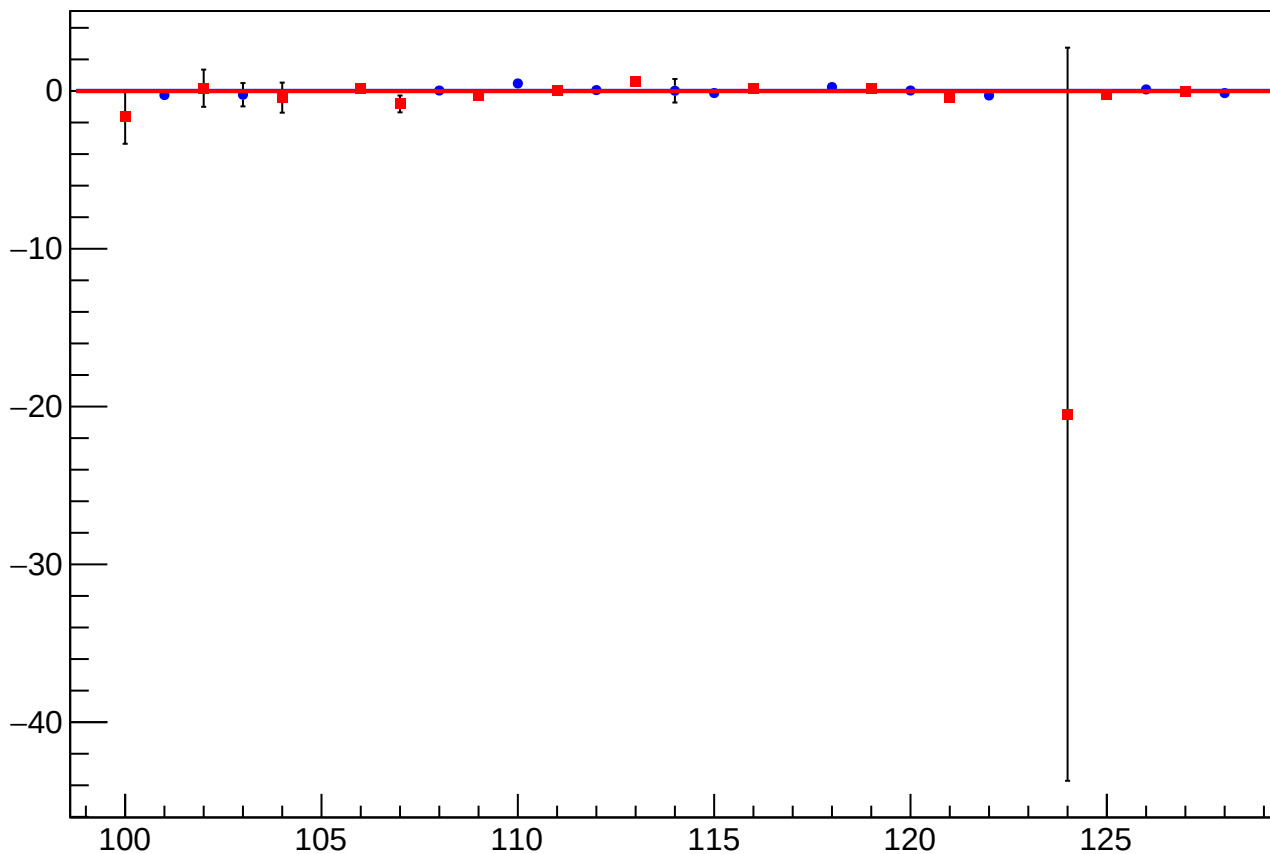
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 130.901 $\pm$ 0.032 χ^2 /NDF: 2668553.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.008 $\pm$ 0.066 χ^2 /NDF: 9.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.018 $\pm$ 0.064 χ^2 /NDF: 18.1/13

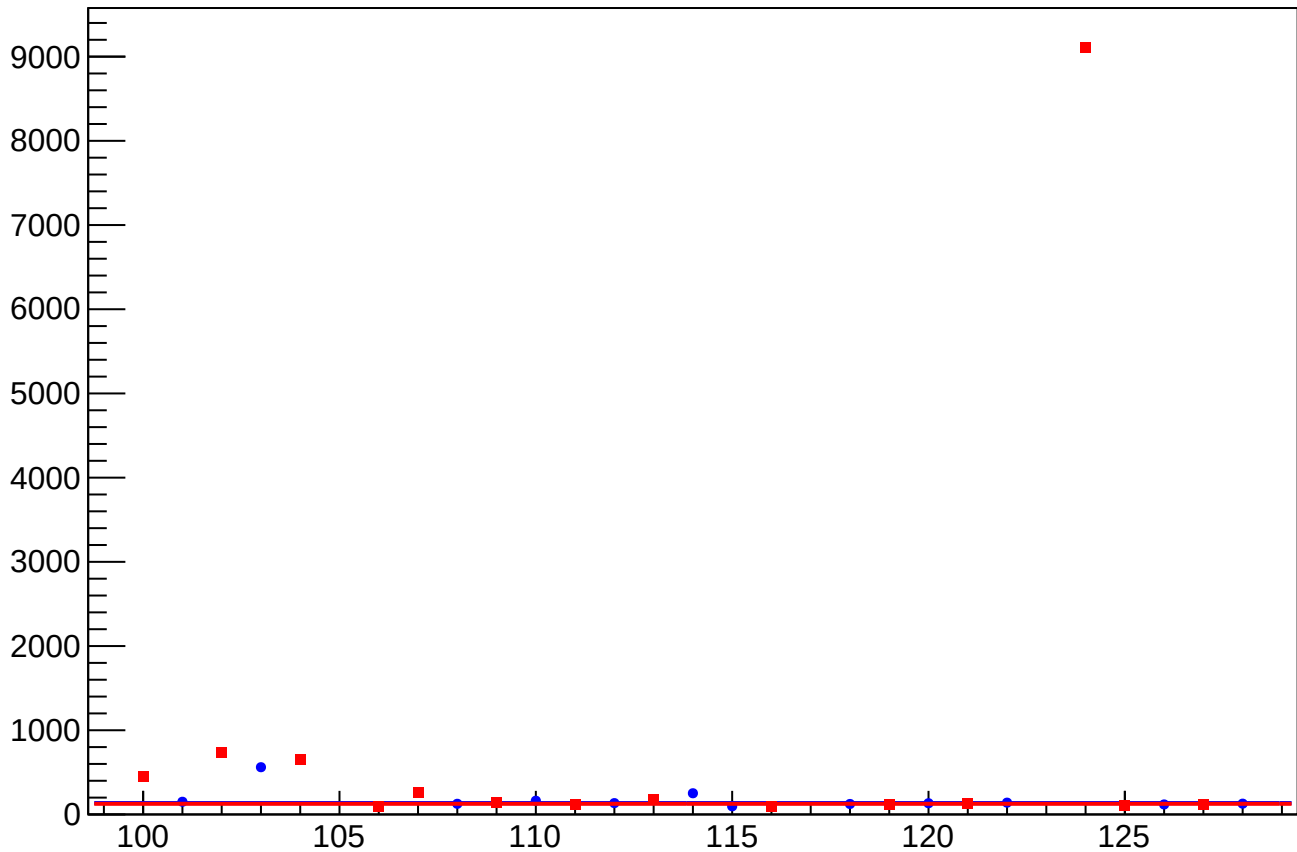
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.046 χ^2 /NDF: 27.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 135.480+/-0.046 χ^2/NDF : 816176.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.527+/-0.045 χ^2/NDF : 1833280.1/13

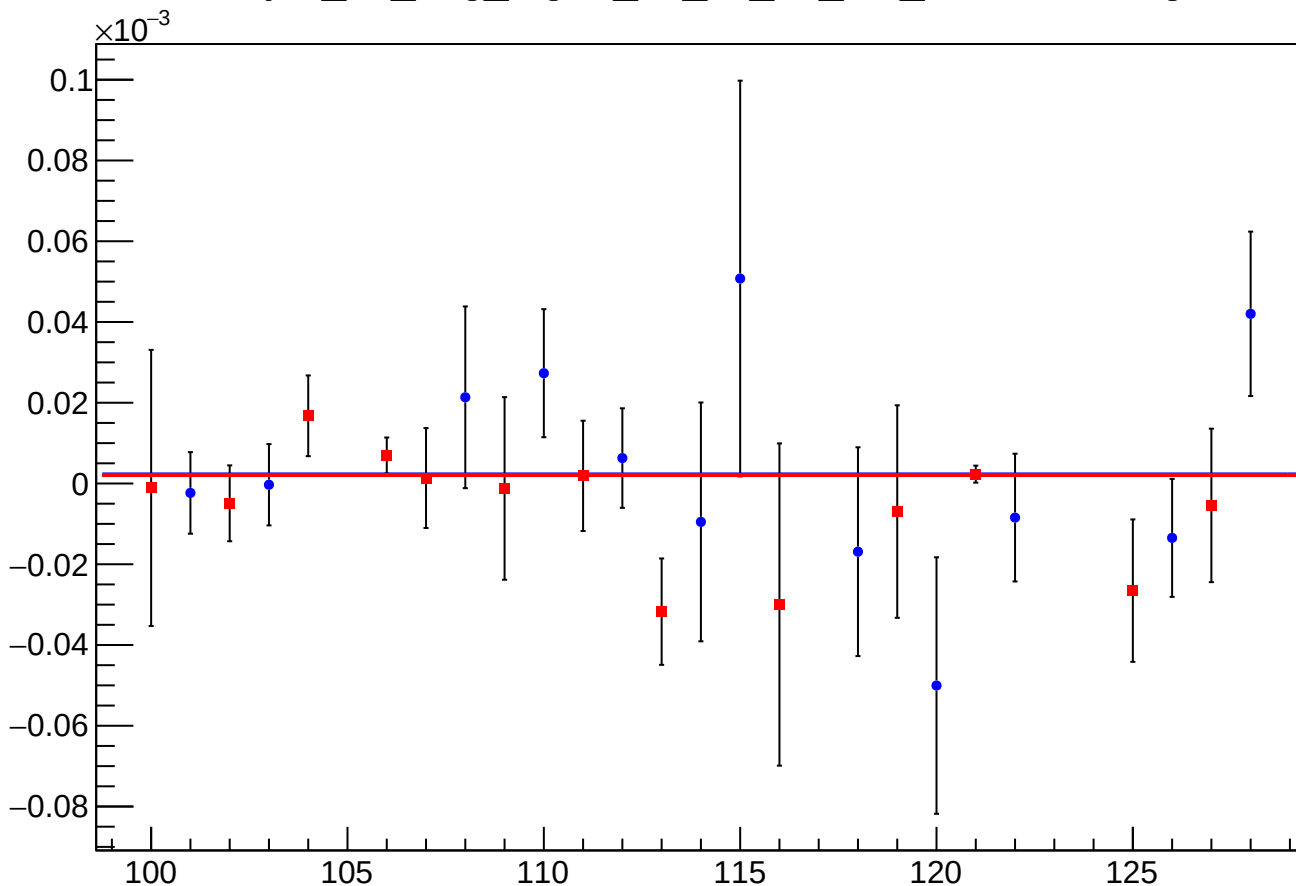
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.901+/-0.032 χ^2/NDF : 2668553.2/25

- 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: 13.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.1/12

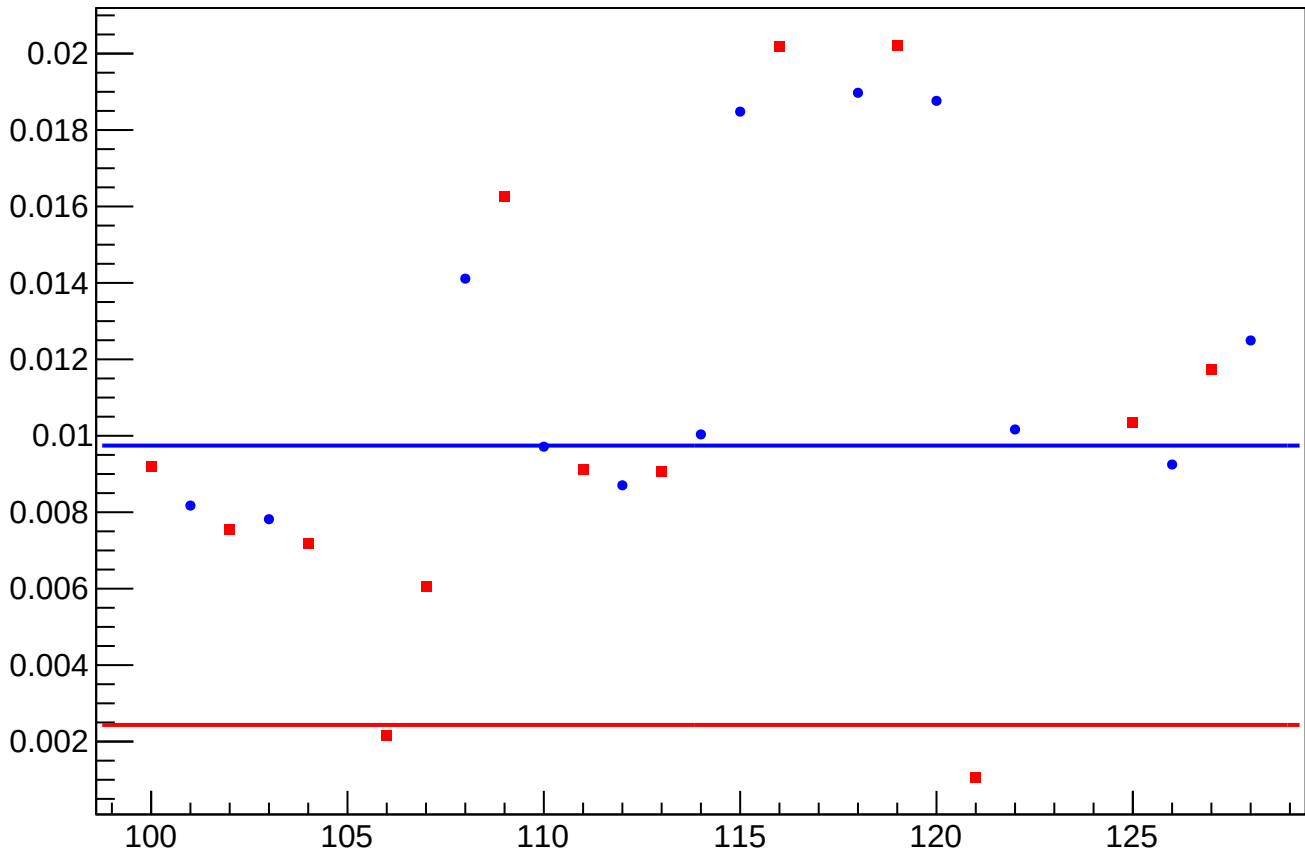
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 27.5/24

- 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: 731145.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 6085273.5/12

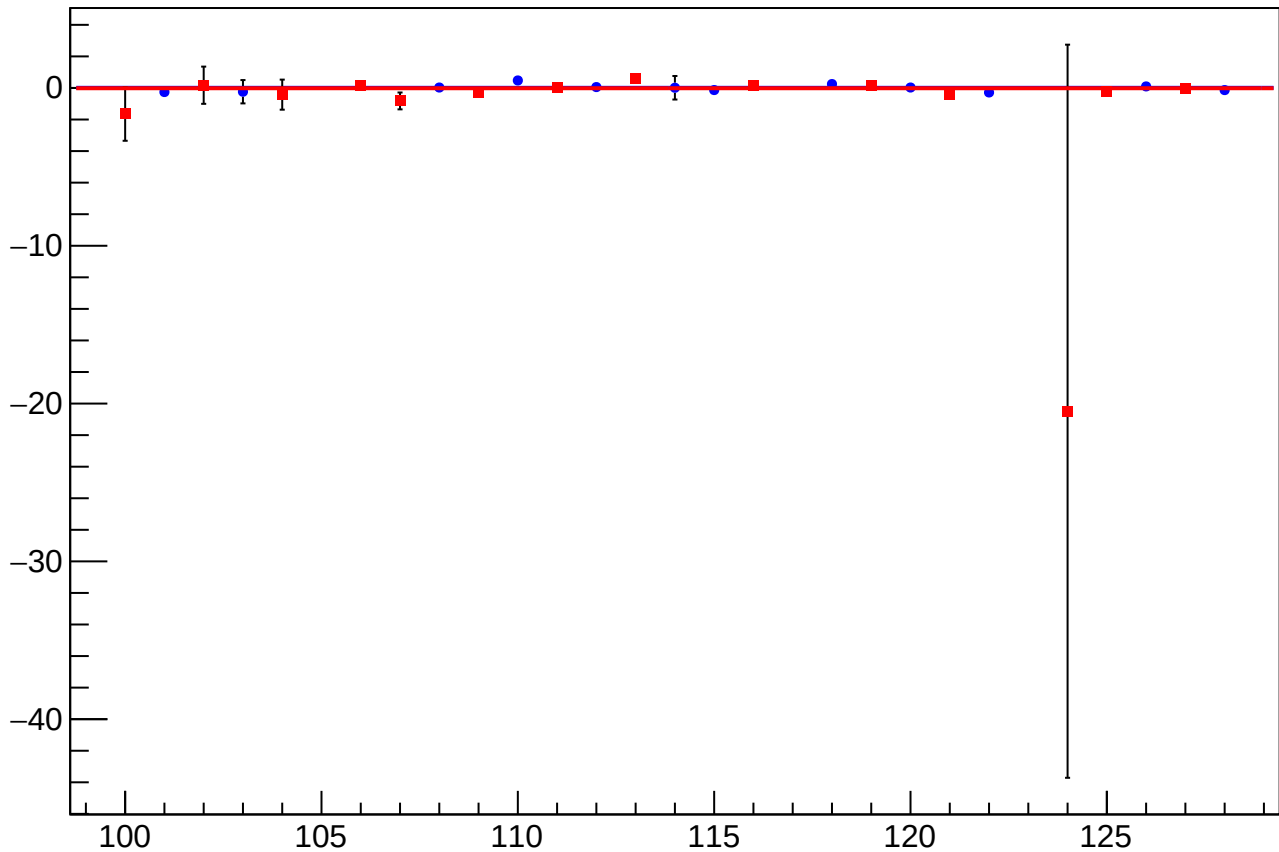
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.000 χ^2 /NDF: 11231618.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.008 $\pm$ 0.066 χ^2 /NDF: 9.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.018 $\pm$ 0.064 χ^2 /NDF: 18.1/13

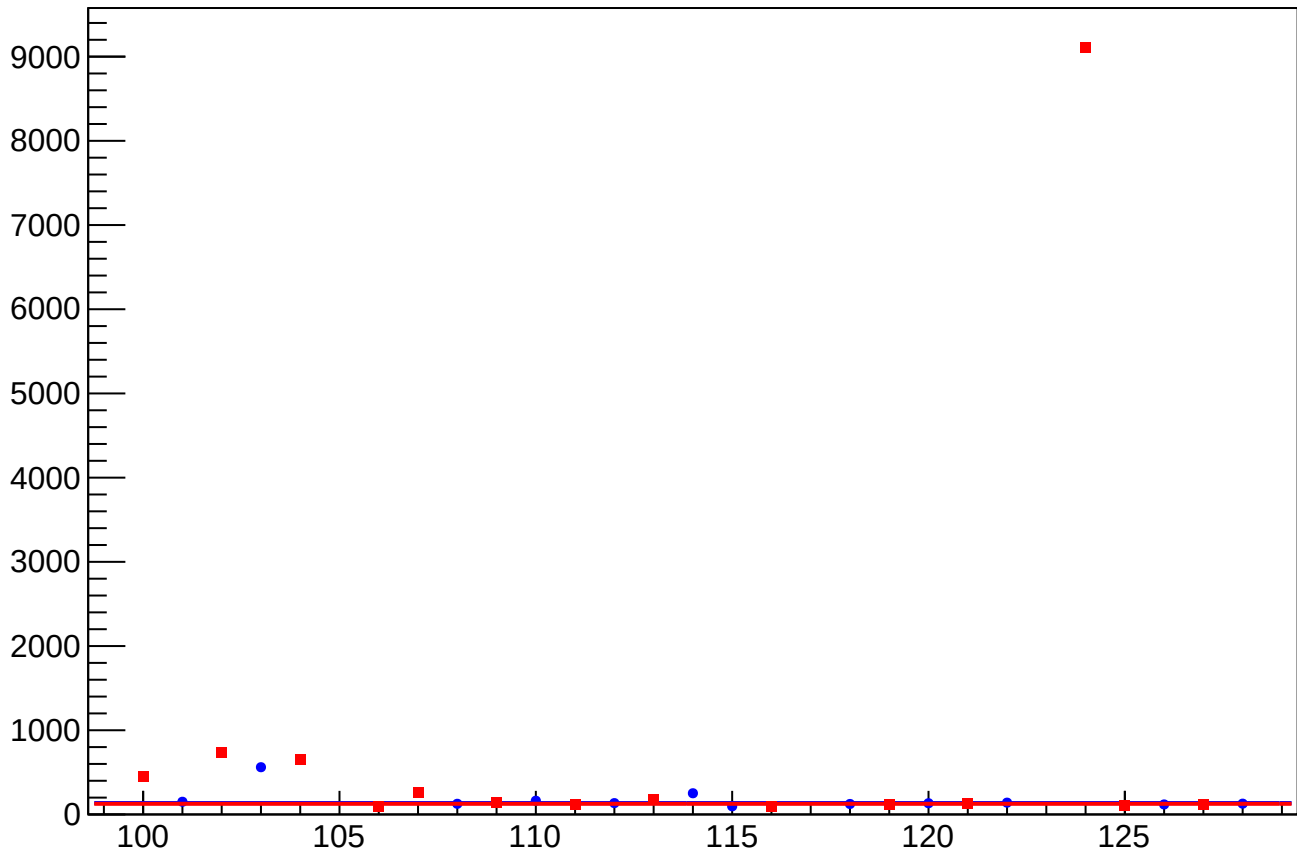
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.046 χ^2 /NDF: 27.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 135.479+/-0.046 χ^2/NDF : 816183.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.527+/-0.045 χ^2/NDF : 1833252.0/13

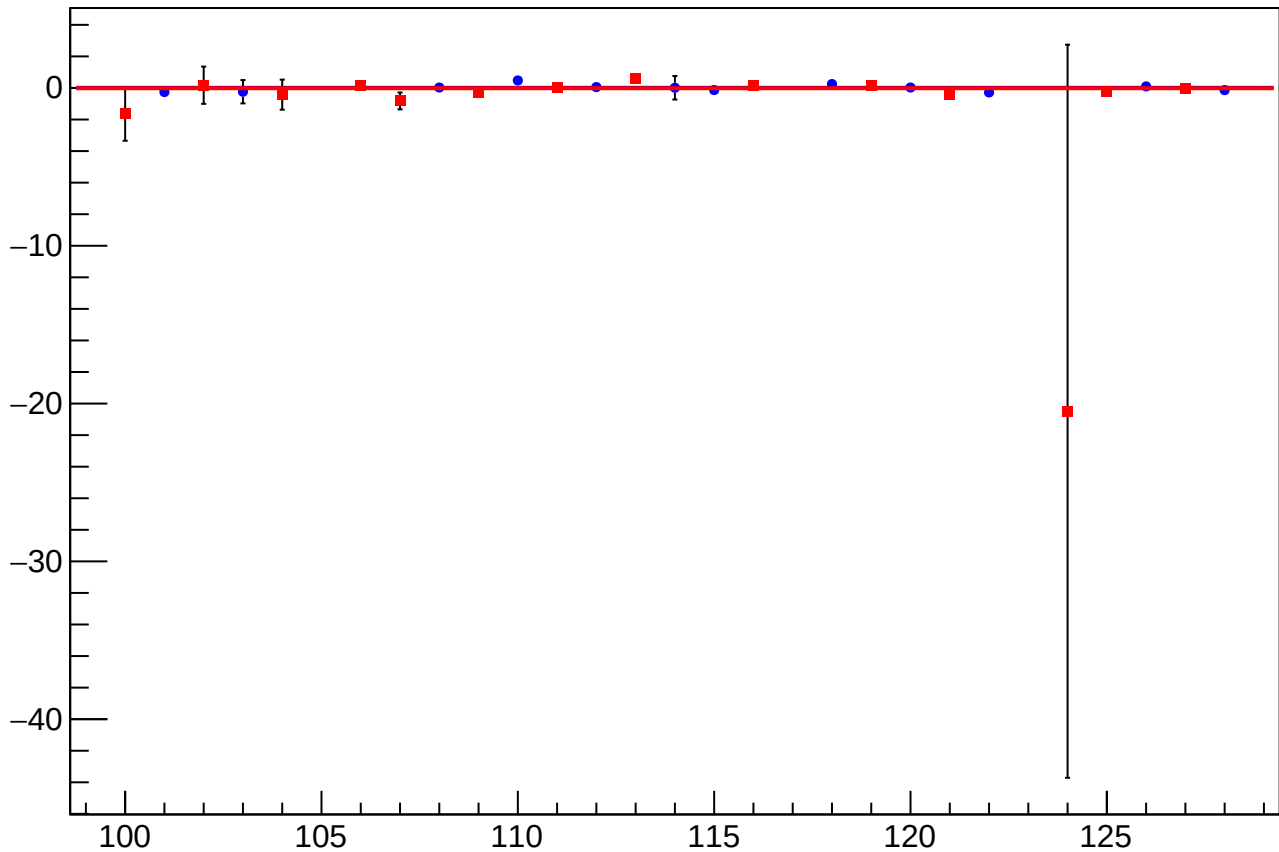
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.901+/-0.032 χ^2/NDF : 2668525.1/25

- 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: 0.008 $\pm$ 0.066 χ^2 /NDF: 9.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.018 $\pm$ 0.064 χ^2 /NDF: 18.1/13

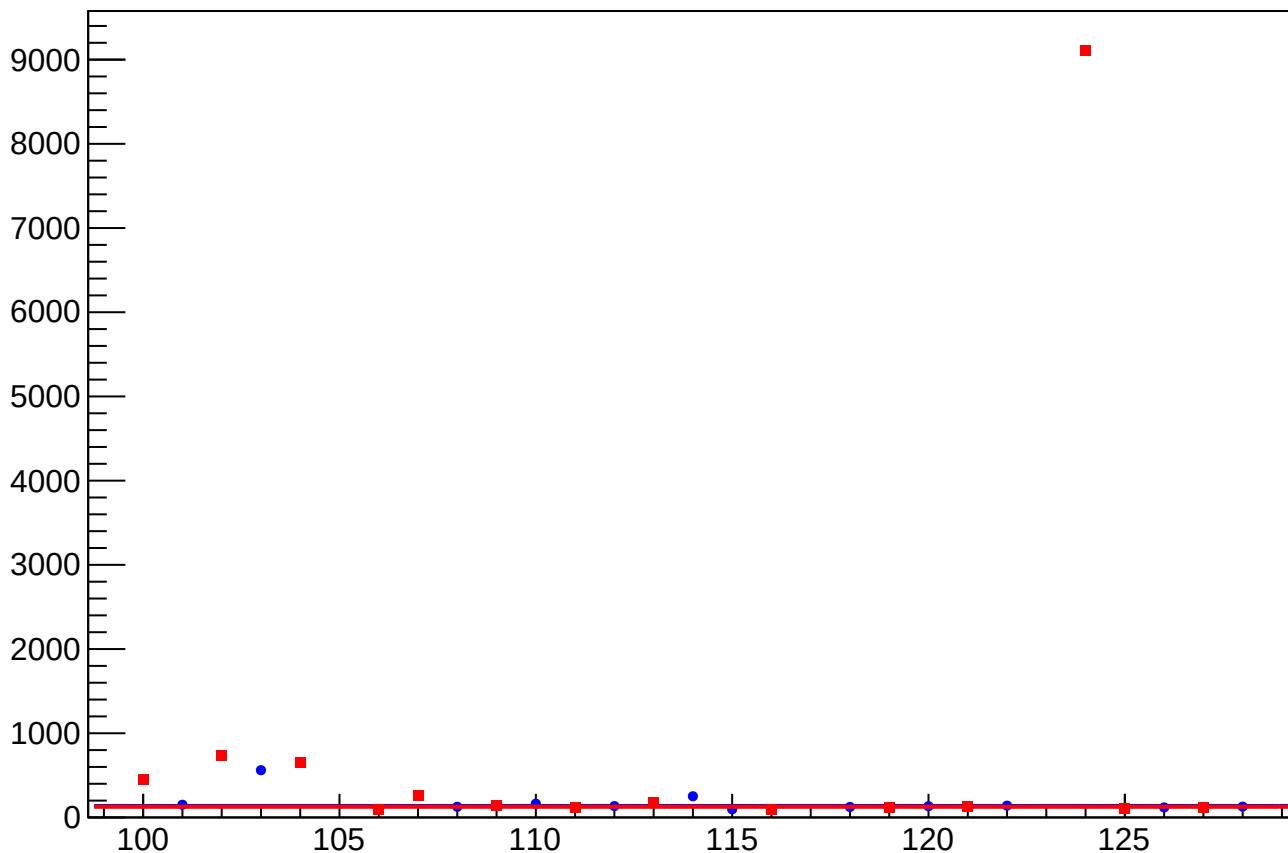
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.046 χ^2 /NDF: 27.8/25

- 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: 135.479+/-0.046 χ^2/NDF : 816183.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.527+/-0.045 χ^2/NDF : 1833252.0/13

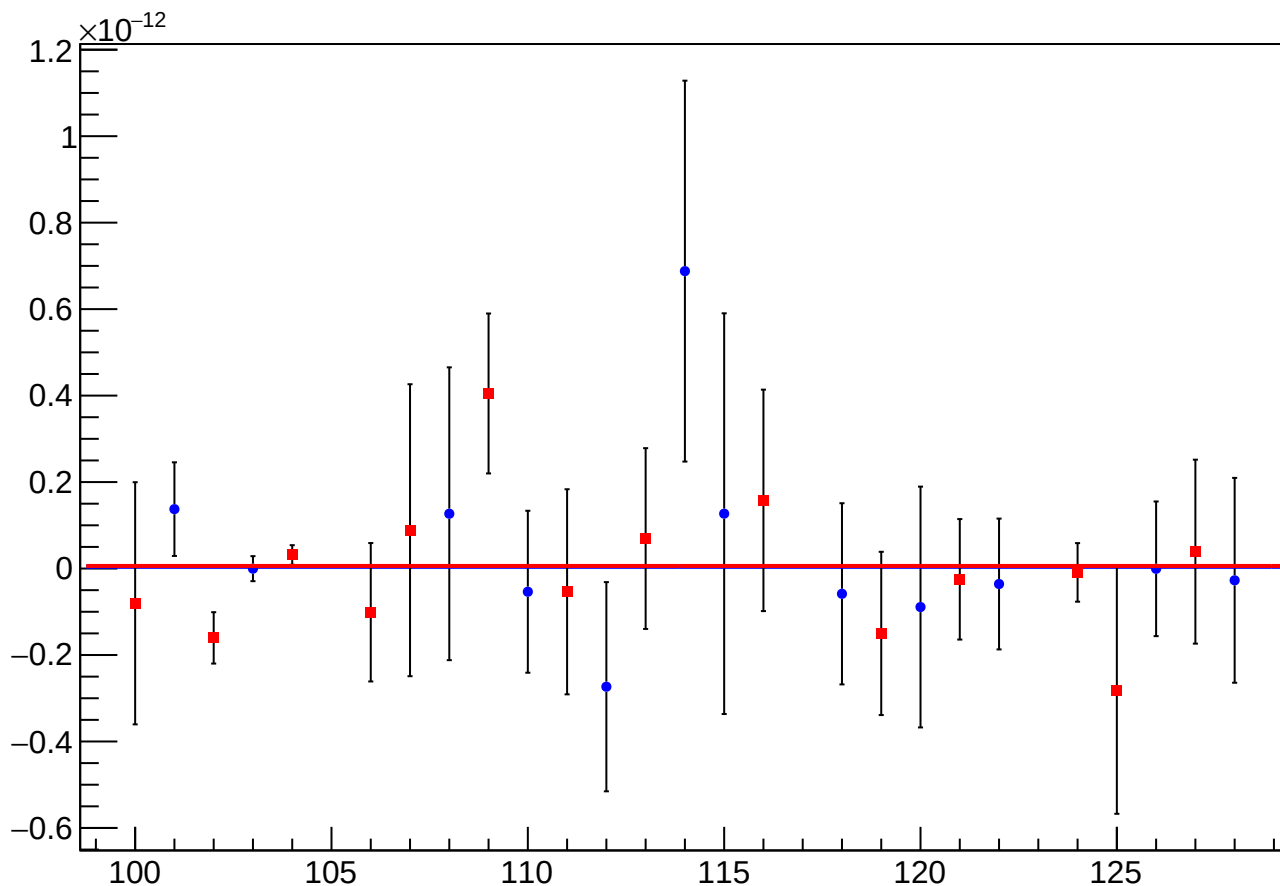
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.901+/-0.032 χ^2/NDF : 2668525.1/25

- 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+/-0.000 χ^2/NDF : 5.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.7/13

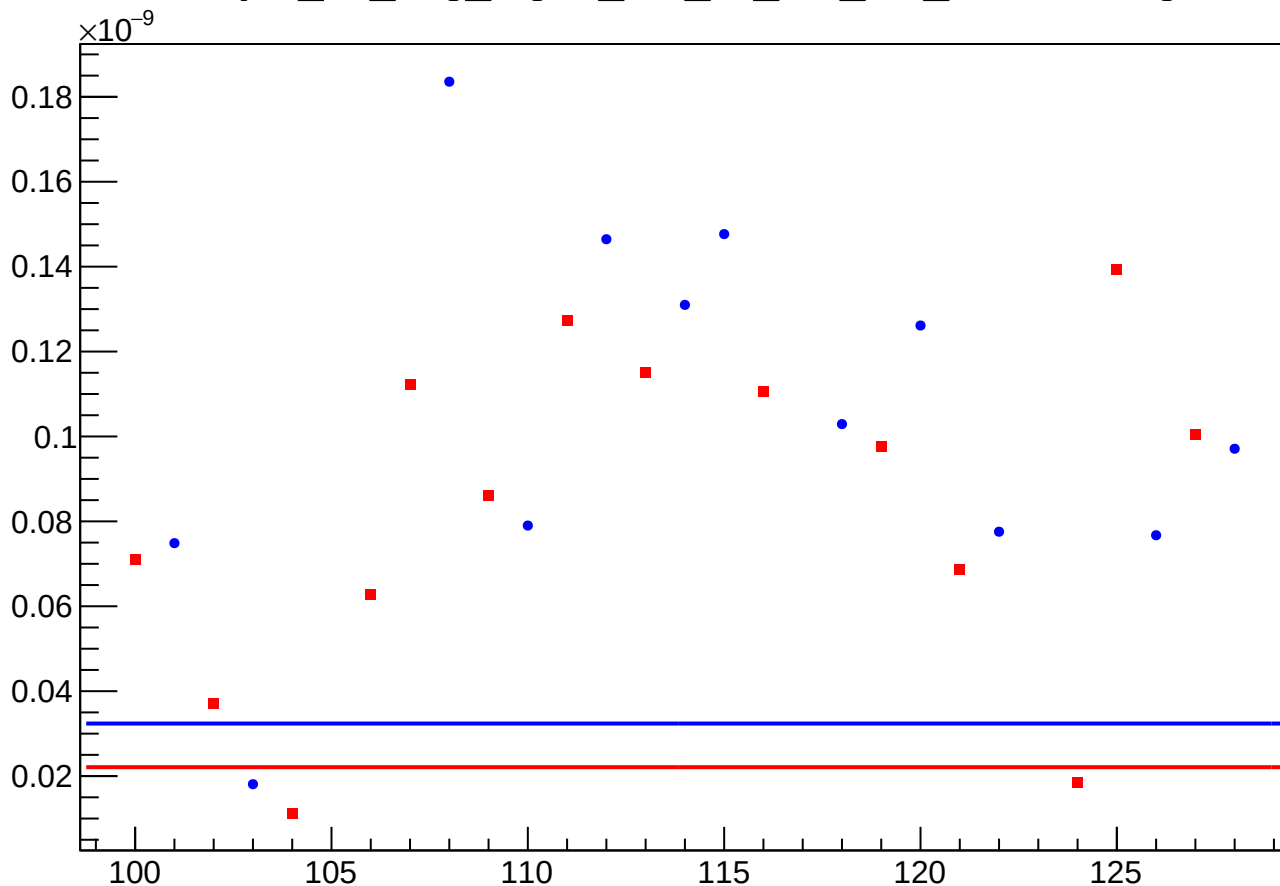
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2929866.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3353429.9/13

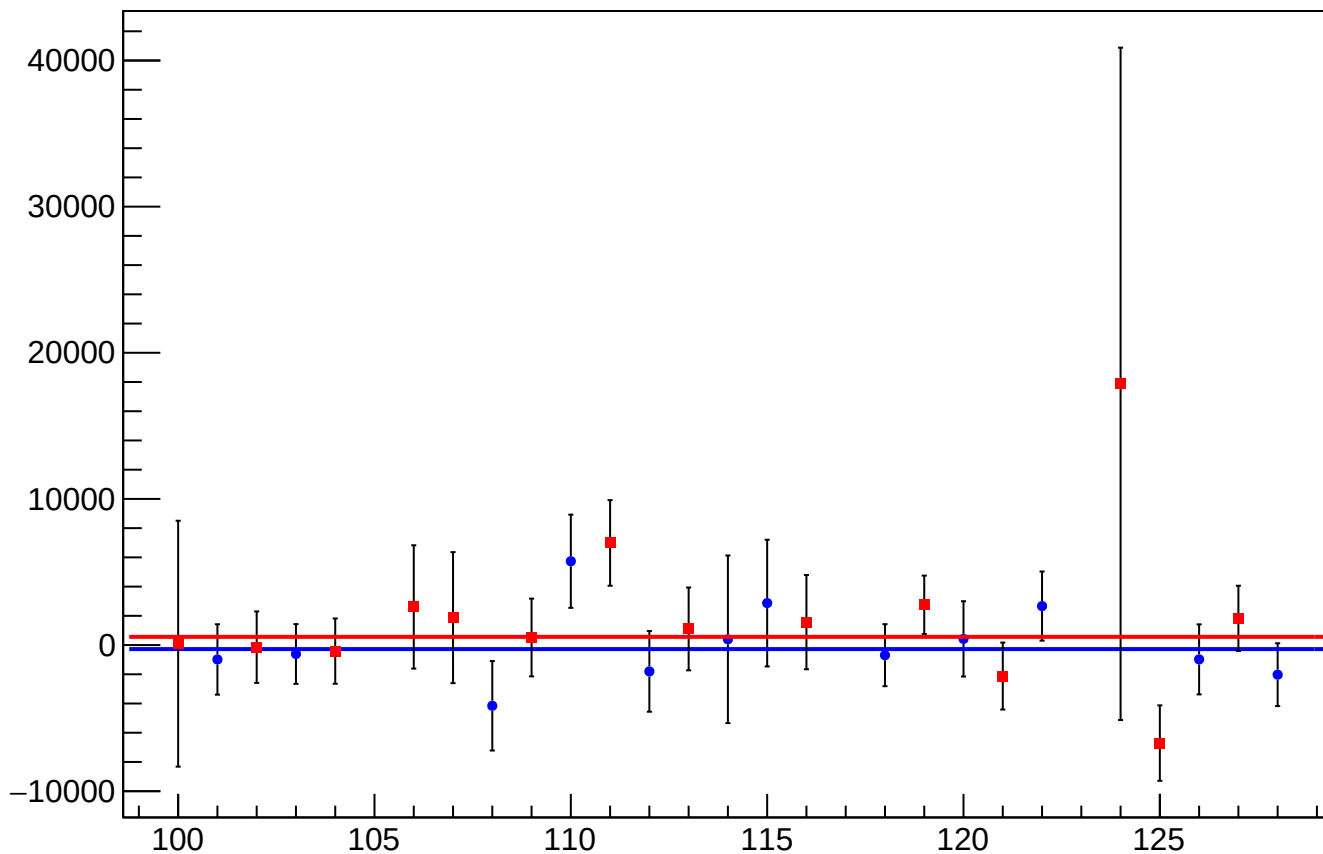
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6485462.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_mean vs Slug



Right In: -276.167+/-750.968 χ^2 /NDF: 8.5/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 561.611+/-753.911 χ^2 /NDF: 16.9/13

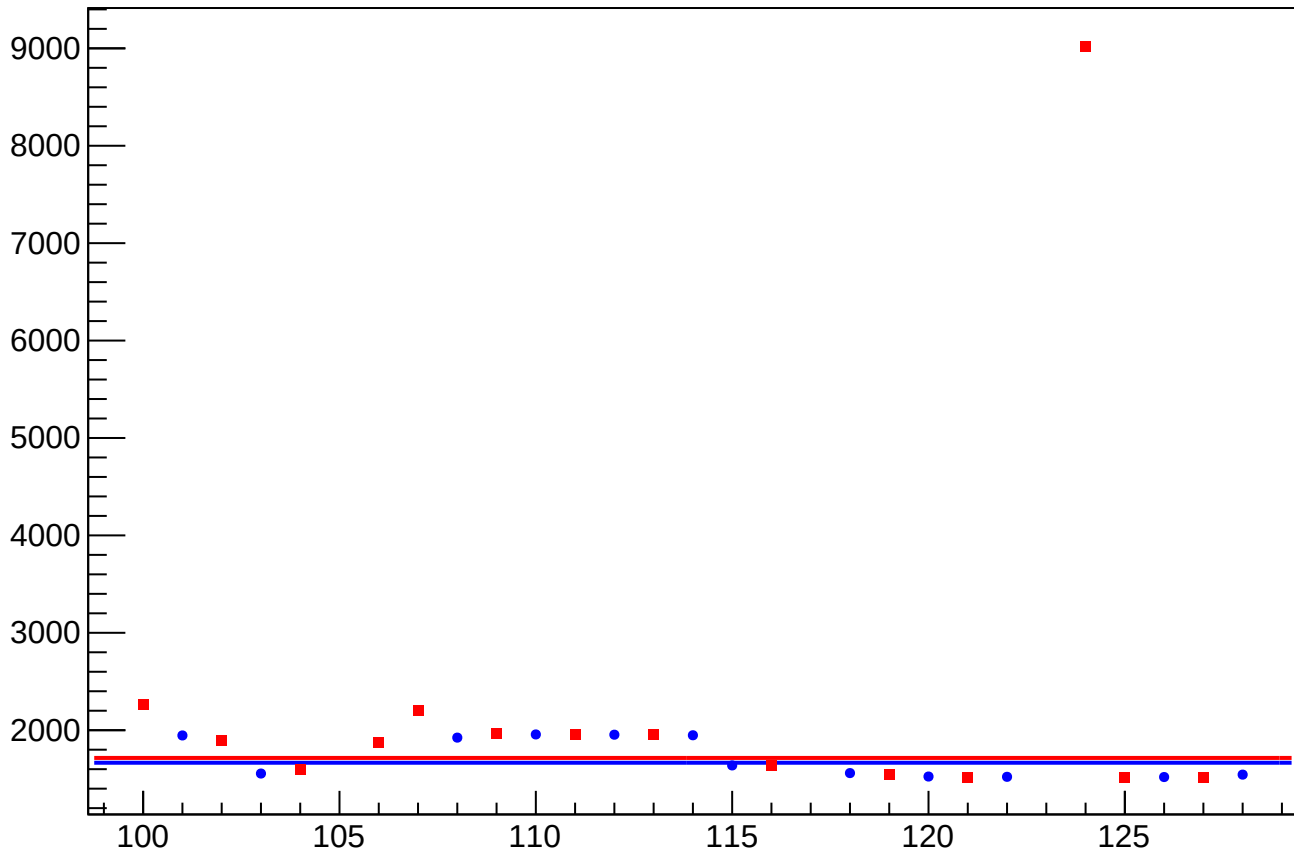
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 141.083+/-532.052 χ^2 /NDF: 26.1/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_rms vs Slug



Right In: 1666.084+/-0.531 χ^2/NDF : 122826.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1715.490+/-0.530 χ^2/NDF : 360919.8/13

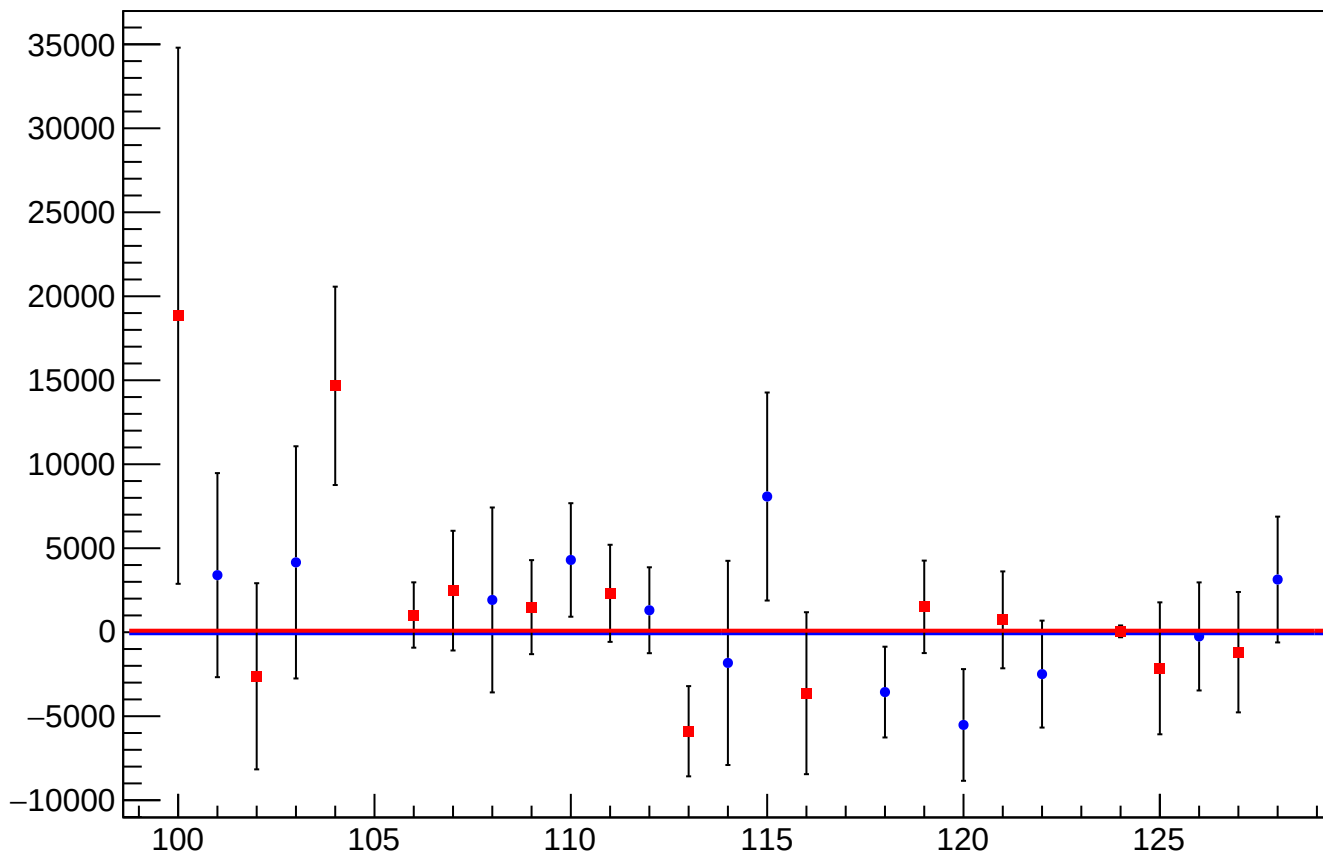
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1690.851+/-0.375 χ^2/NDF : 488085.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_reg_correction_mean vs Slug



Right In: -61.395 ± 1072.896 χ^2/NDF : 10.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 90.212 ± 327.485 χ^2/NDF : 15.6/13

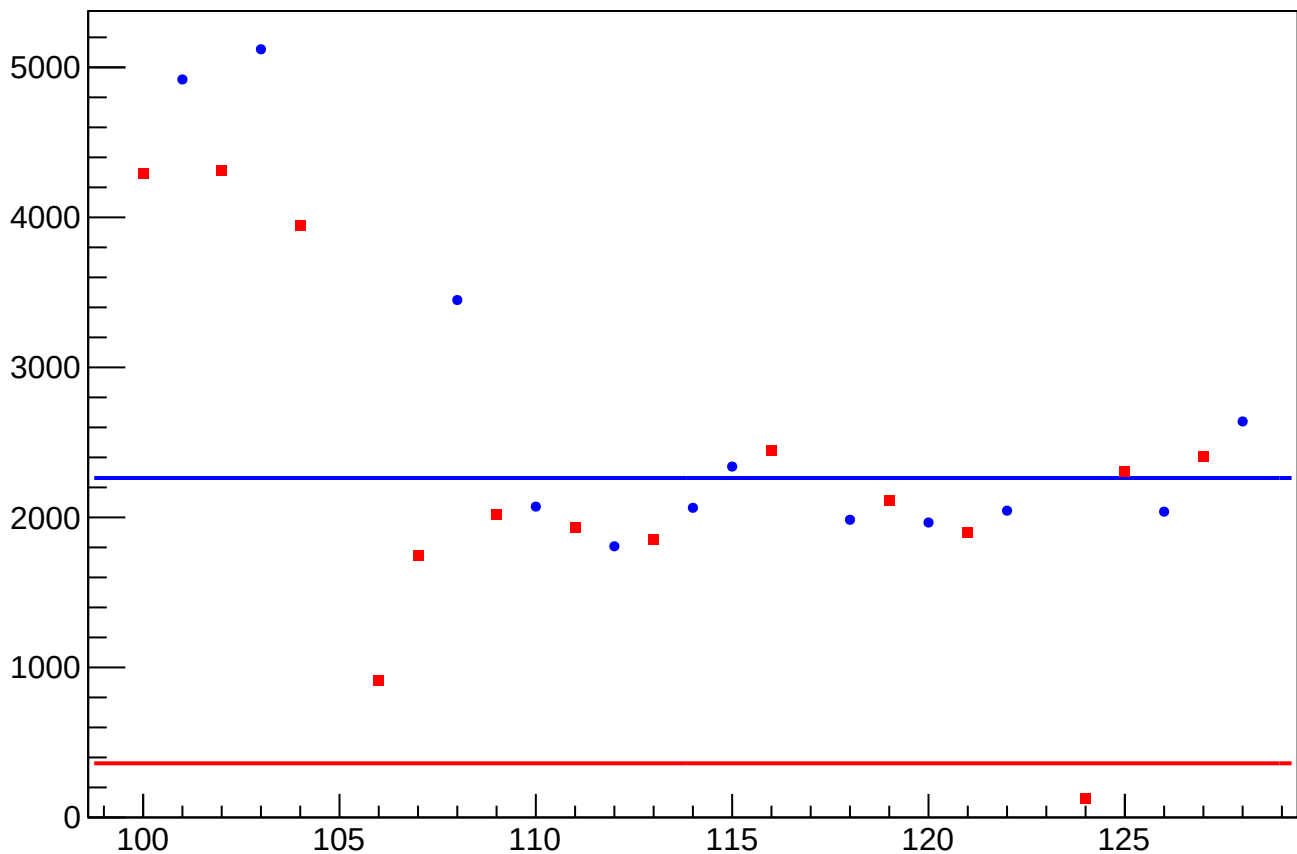
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 77.290 ± 313.219 χ^2/NDF : 25.9/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_dd_reg_correction_rms vs Slug



Right In: 2262.712 $\pm$ 0.759 χ^2 /NDF: 966077.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

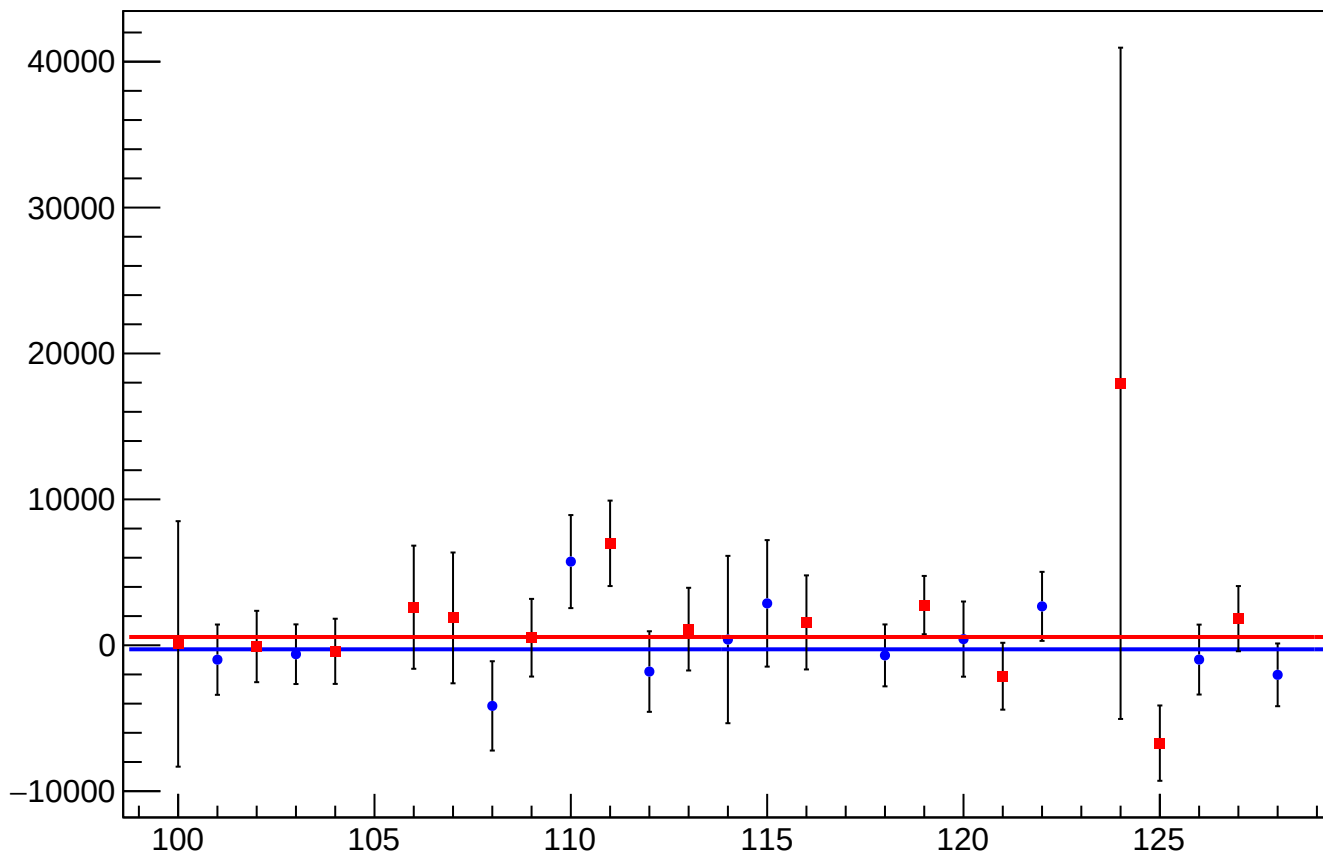
Right Out: 361.013 $\pm$ 0.232 χ^2 /NDF: 8035679.8/13

All: 523.090 $\pm$ 0.221 χ^2 /NDF: 14749692.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl_dd_mean vs Slug



Right In: -276.339+/-750.968 χ^2 /NDF: 8.5/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 567.693+/-753.921 χ^2 /NDF: 16.9/13

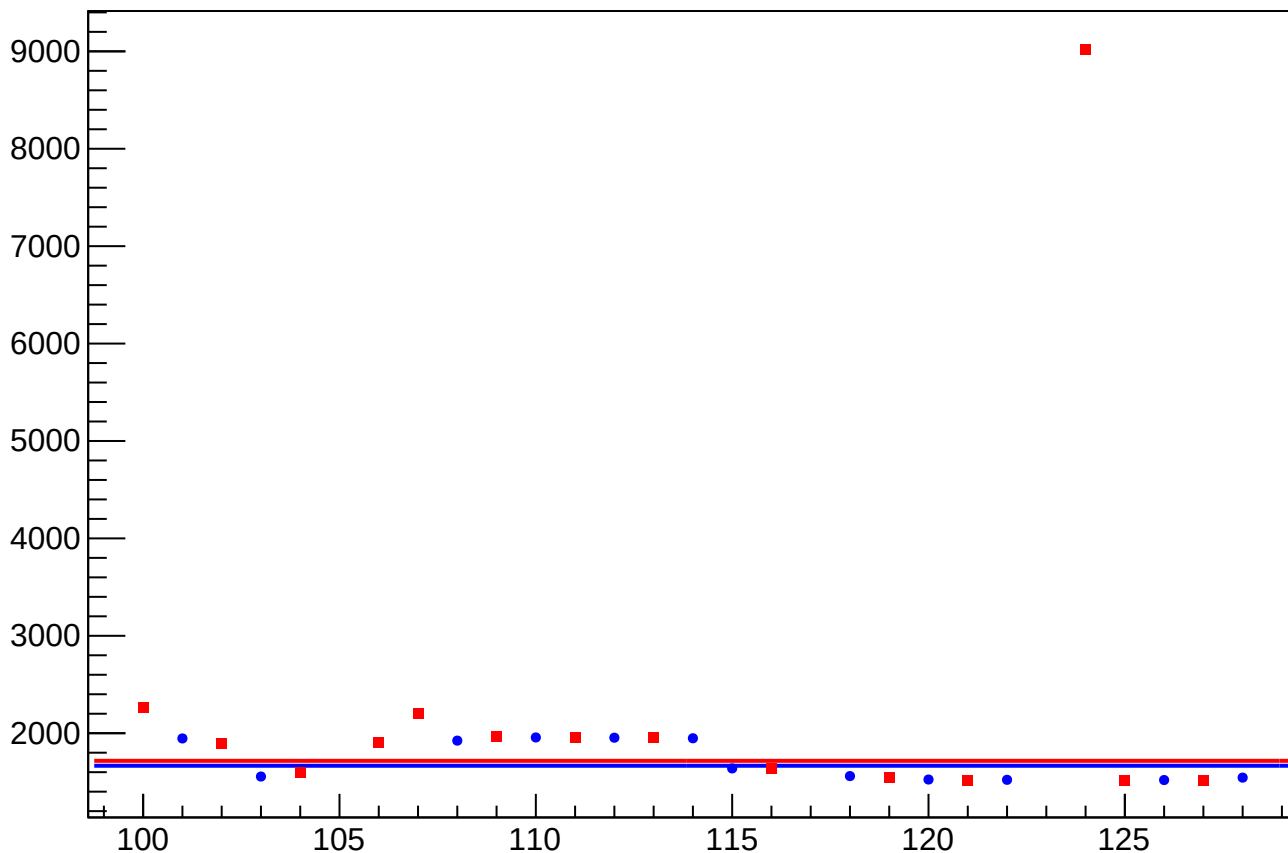
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 144.020+/-532.056 χ^2 /NDF: 26.1/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_atl_dd_rms vs Slug



Right In: 1666.083+/-0.531 χ^2/NDF : 122826.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1716.636+/-0.530 χ^2/NDF : 362516.4/13

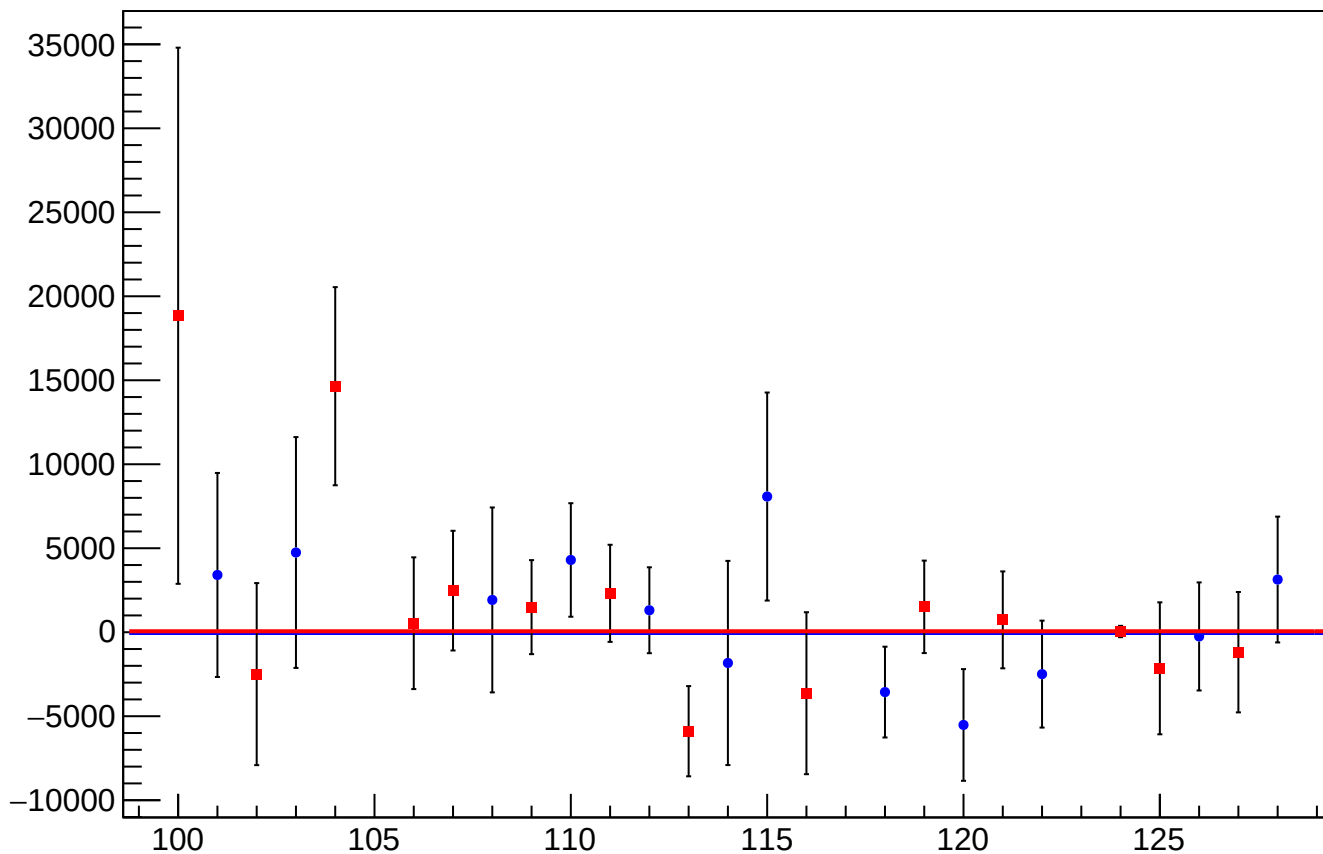
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1691.409+/-0.375 χ^2/NDF : 489883.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_cor_correction_mean vs Slug



Right In: -45.636 ± 1072.730 χ^2/NDF : 10.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 57.880 ± 319.254 χ^2/NDF : 15.3/13

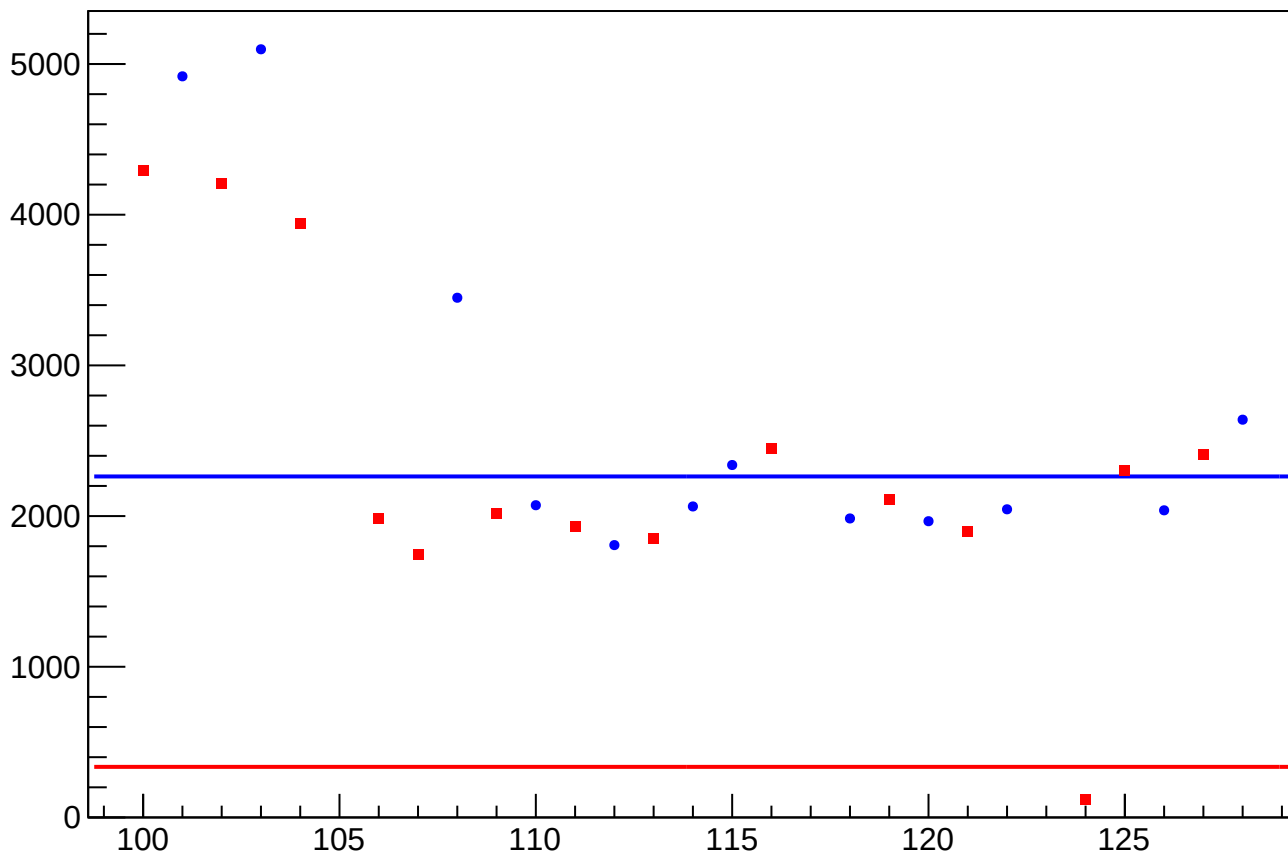
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 49.457 ± 305.990 χ^2/NDF : 25.8/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_dd_cor_correction_rms vs Slug



Right In: 2262.969+/-0.759 χ^2/NDF : 964518.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

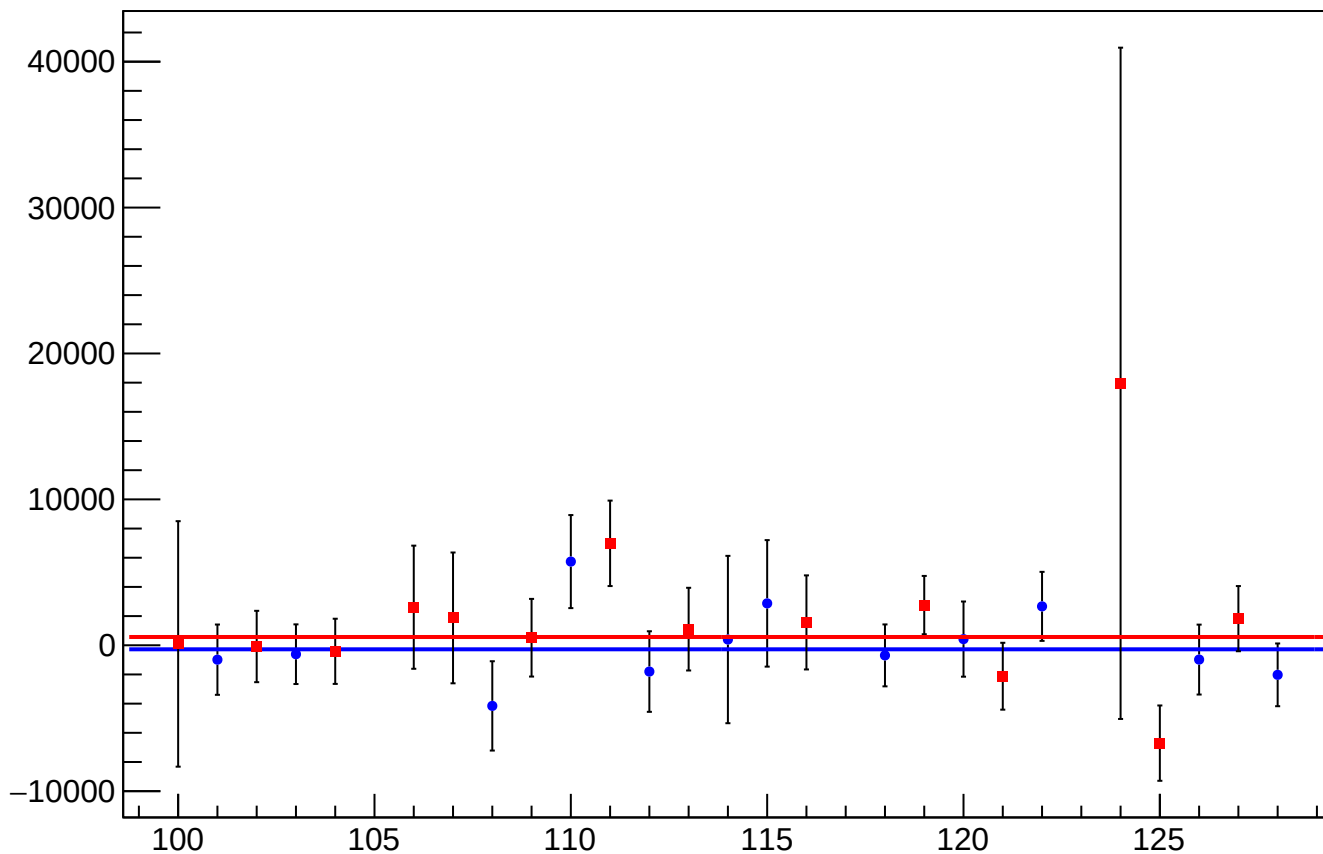
Right Out: 335.713+/-0.226 χ^2/NDF : 8320184.4/13

All: 492.523+/-0.216 χ^2/NDF : 15214927.9/25

- 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_dd_mean vs Slug



Right In: -276.339+/-750.968 χ^2 /NDF: 8.5/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 567.693+/-753.921 χ^2 /NDF: 16.9/13

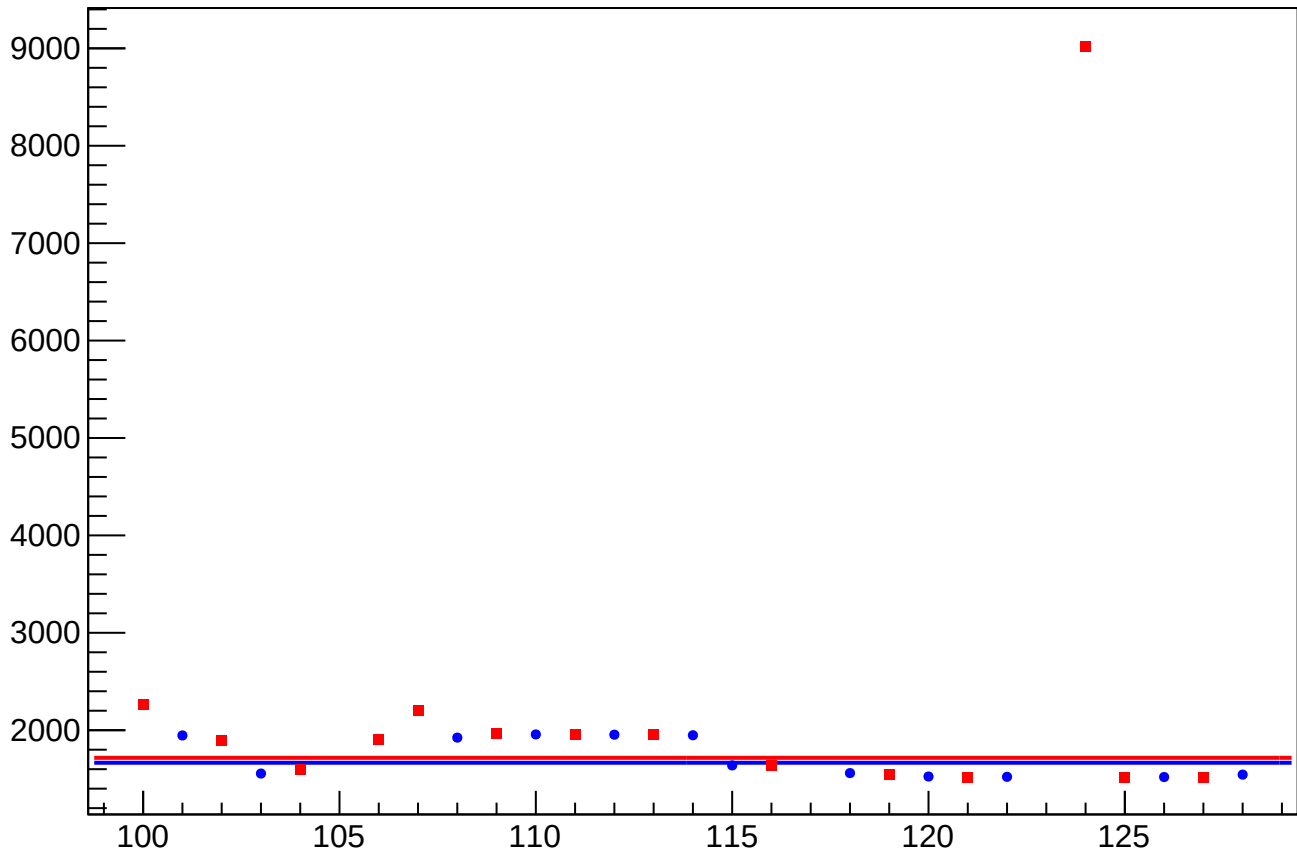
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 144.020+/-532.056 χ^2 /NDF: 26.1/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl_dd_rms vs Slug



Right In: 1666.083+/-0.531 χ^2 /NDF: 122826.5/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1716.636+/-0.530 χ^2 /NDF: 362516.4/13

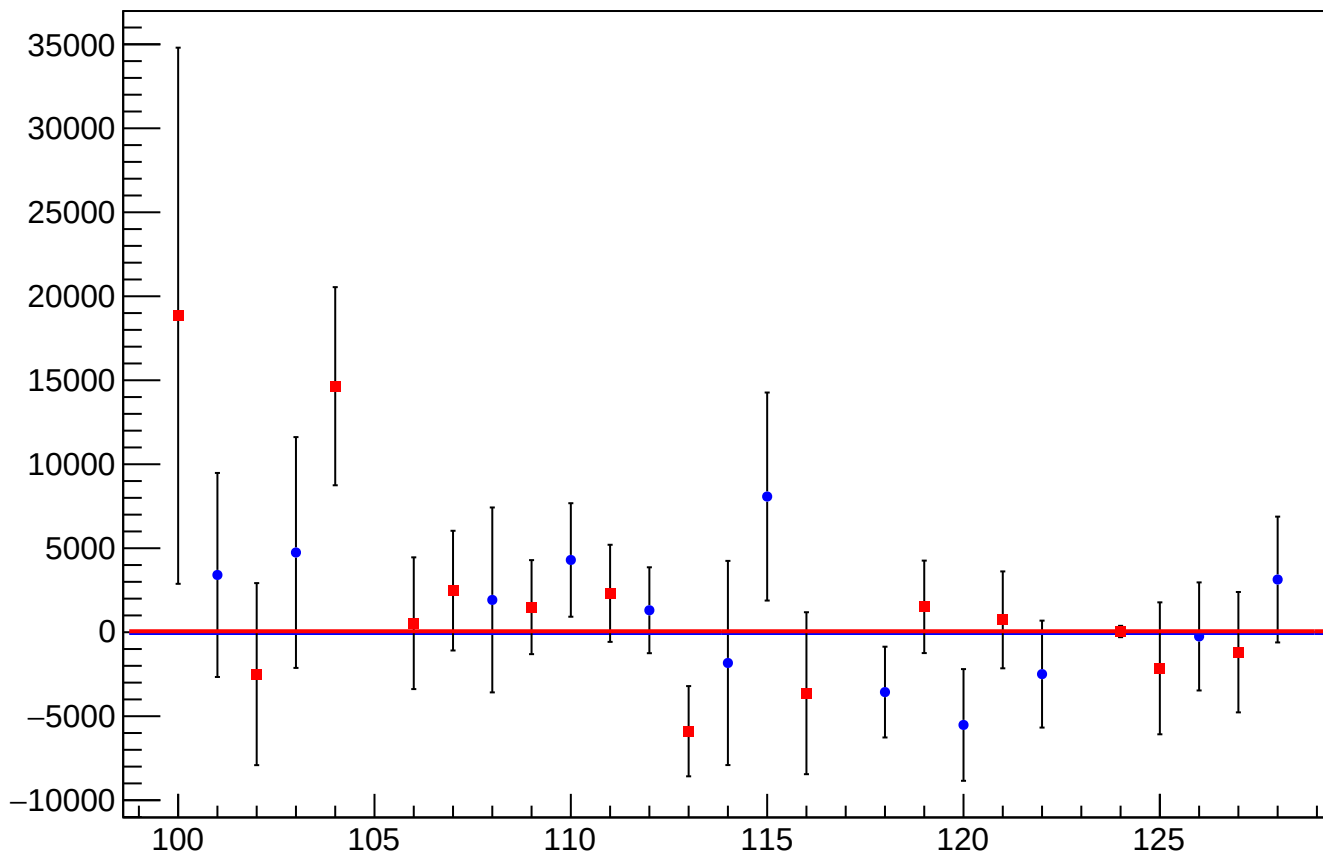
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1691.409+/-0.375 χ^2 /NDF: 489883.2/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_eigen_cor_correction_mean vs Slug



Right In: -45.636+/-1072.730 χ^2/NDF : 10.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.880+/-319.254 χ^2/NDF : 15.3/13

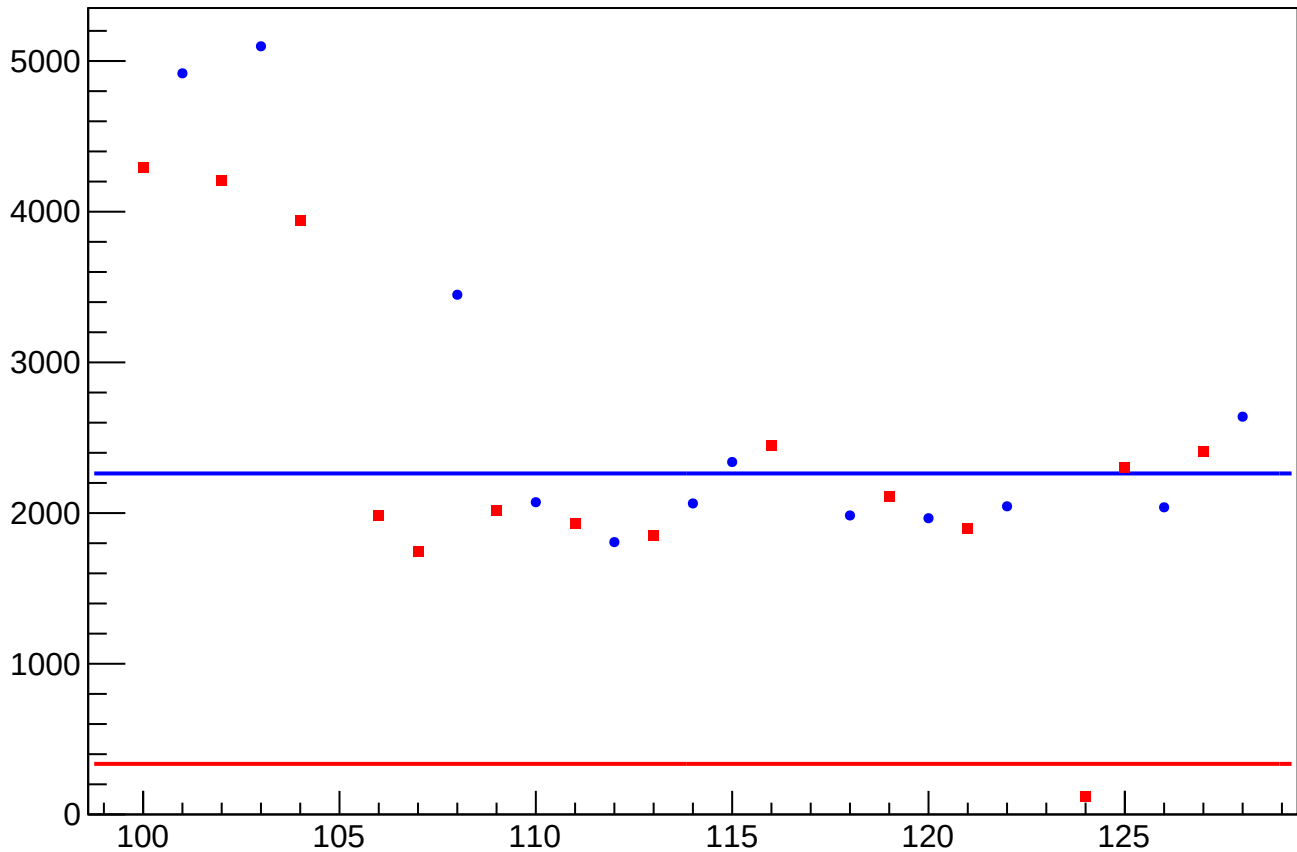
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.457+/-305.990 χ^2/NDF : 25.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_cor_correction_rms vs Slug



Right In: 2262.969+/-0.759 χ^2/NDF : 964518.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

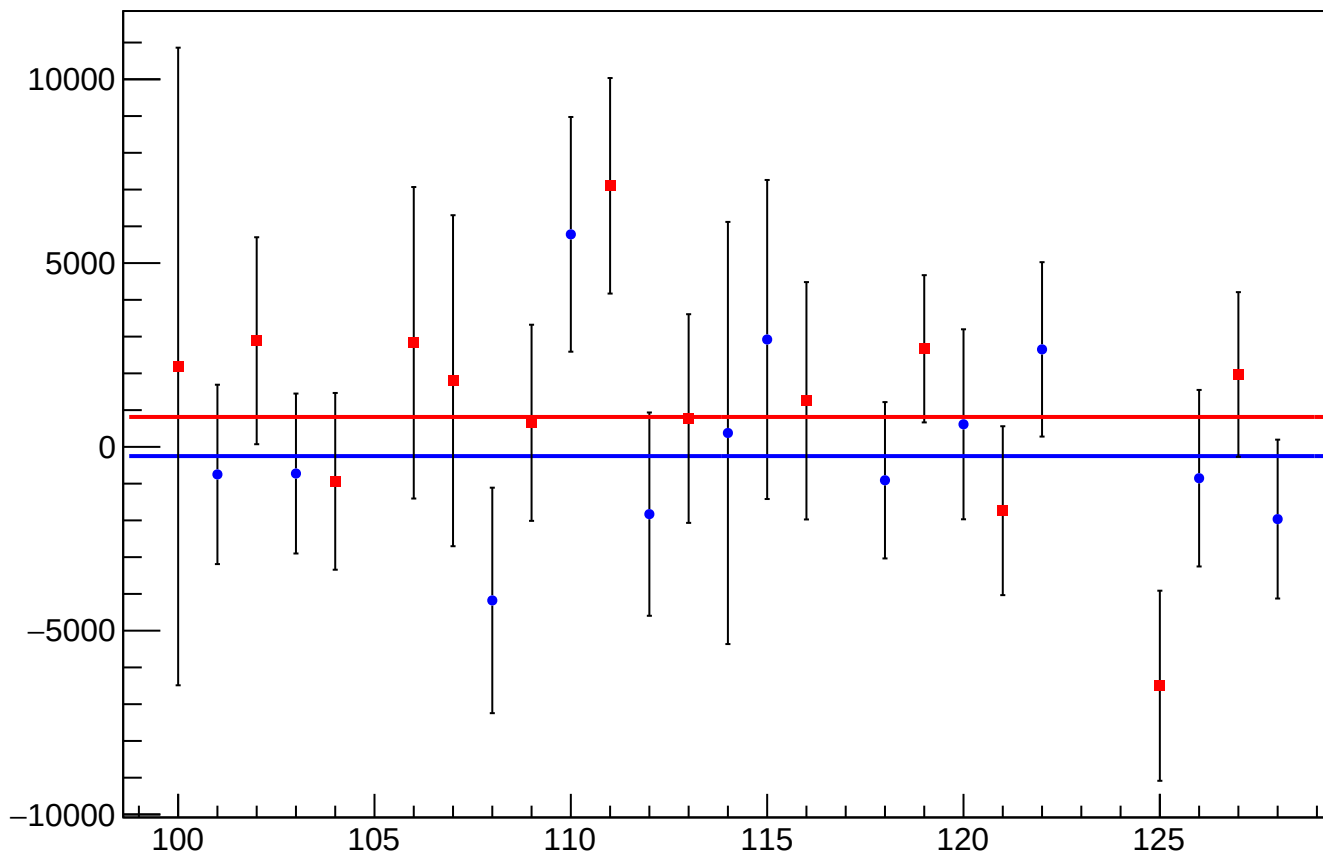
Right Out: 335.713+/-0.226 χ^2/NDF : 8320184.4/13

All: 492.523+/-0.216 χ^2/NDF : 15214927.9/25

- 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: -250.662+/-759.427 χ^2/NDF : 8.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 813.892+/-771.080 χ^2/NDF : 16.3/12

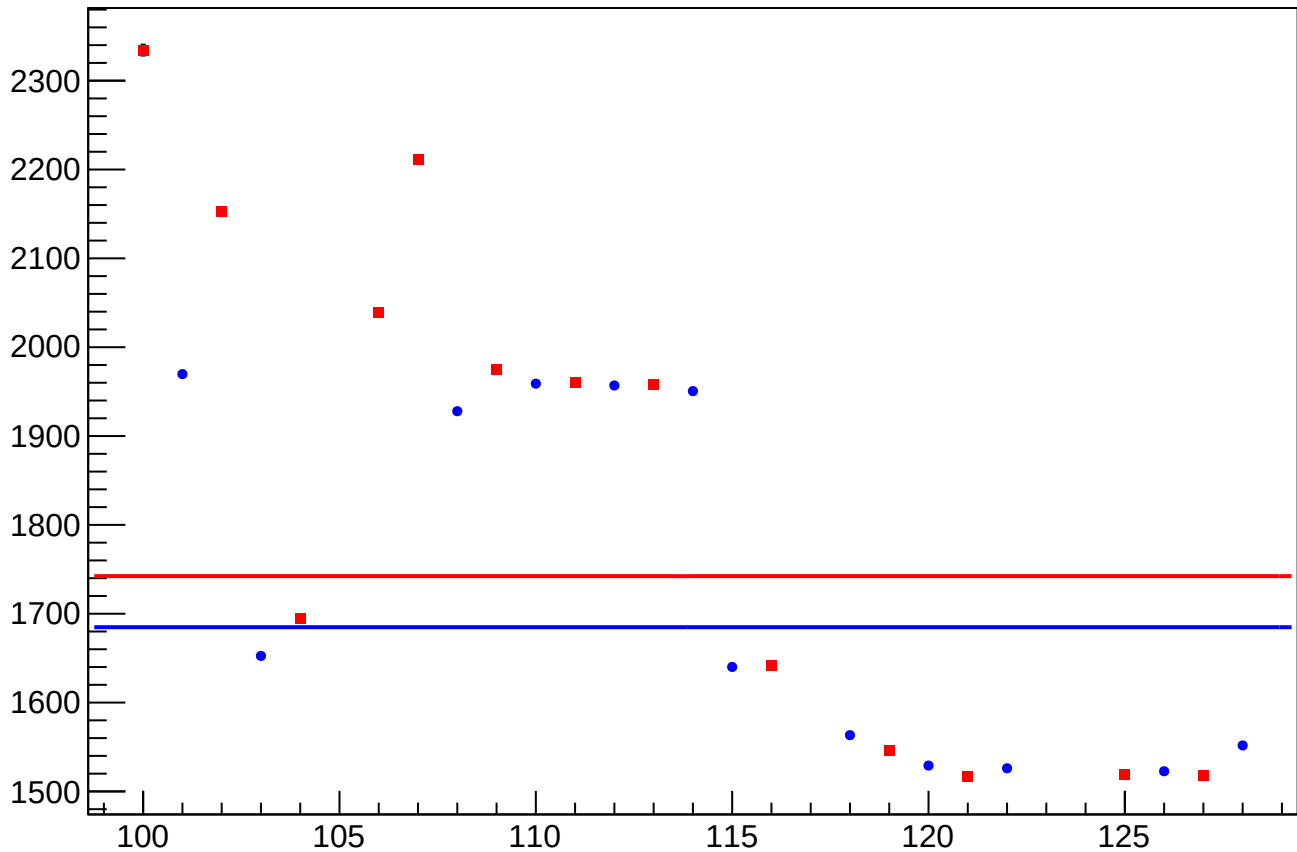
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 273.509+/-541.069 χ^2/NDF : 25.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_dd_rms vs Slug



Right In: 1684.848+/-0.537 χ^2/NDF : 118331.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1742.306+/-0.543 χ^2/NDF : 199028.1/12

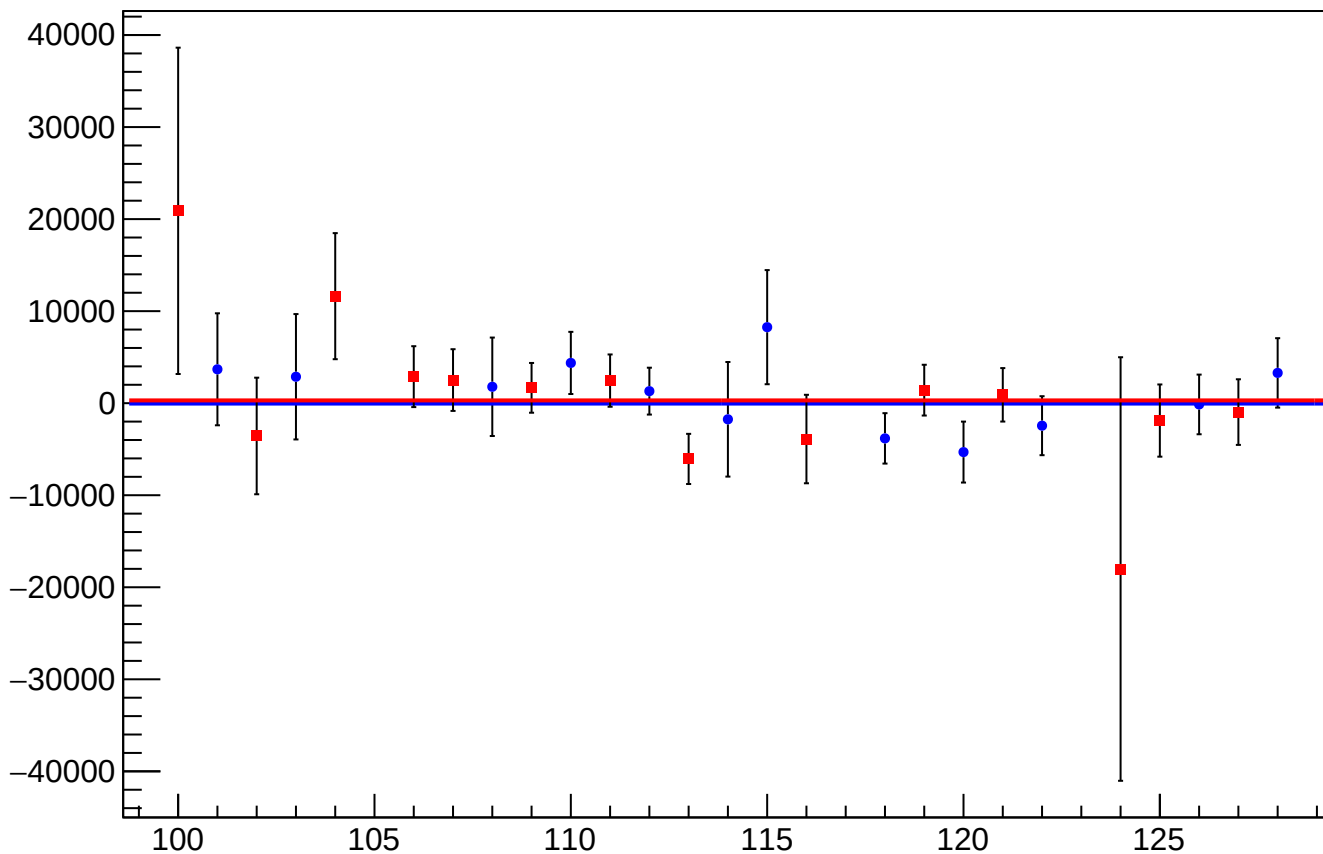
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1713.235+/-0.382 χ^2/NDF : 323015.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_dit_correction_mean vs Slug



Right In: -41.276 $\pm$ 1075.366 χ^2 /NDF: 10.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 302.163 $\pm$ 969.458 χ^2 /NDF: 13.8/13

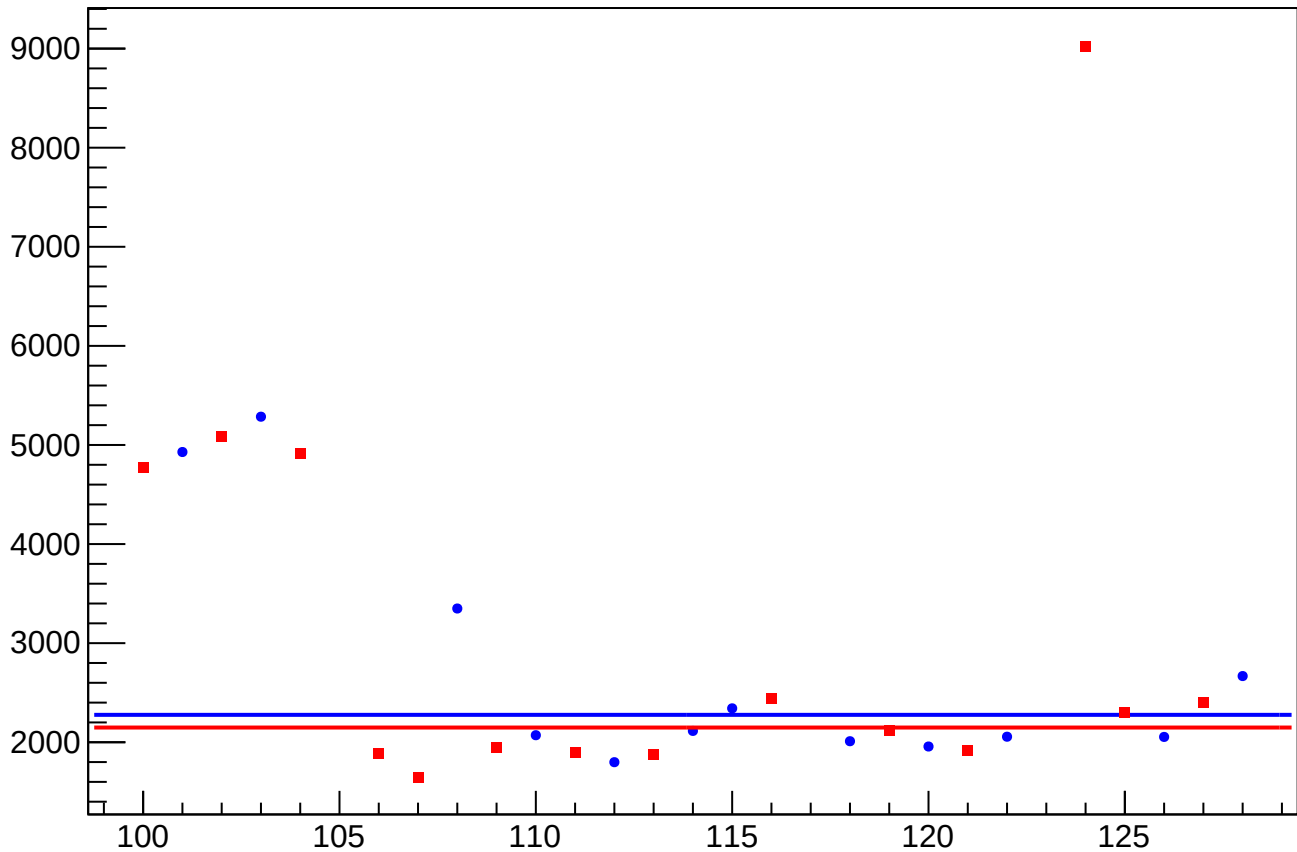
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 148.183 $\pm$ 720.050 χ^2 /NDF: 24.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_dit_correction_rms vs Slug



Right In: 2276.574+/-0.760 χ^2/NDF : 1008241.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

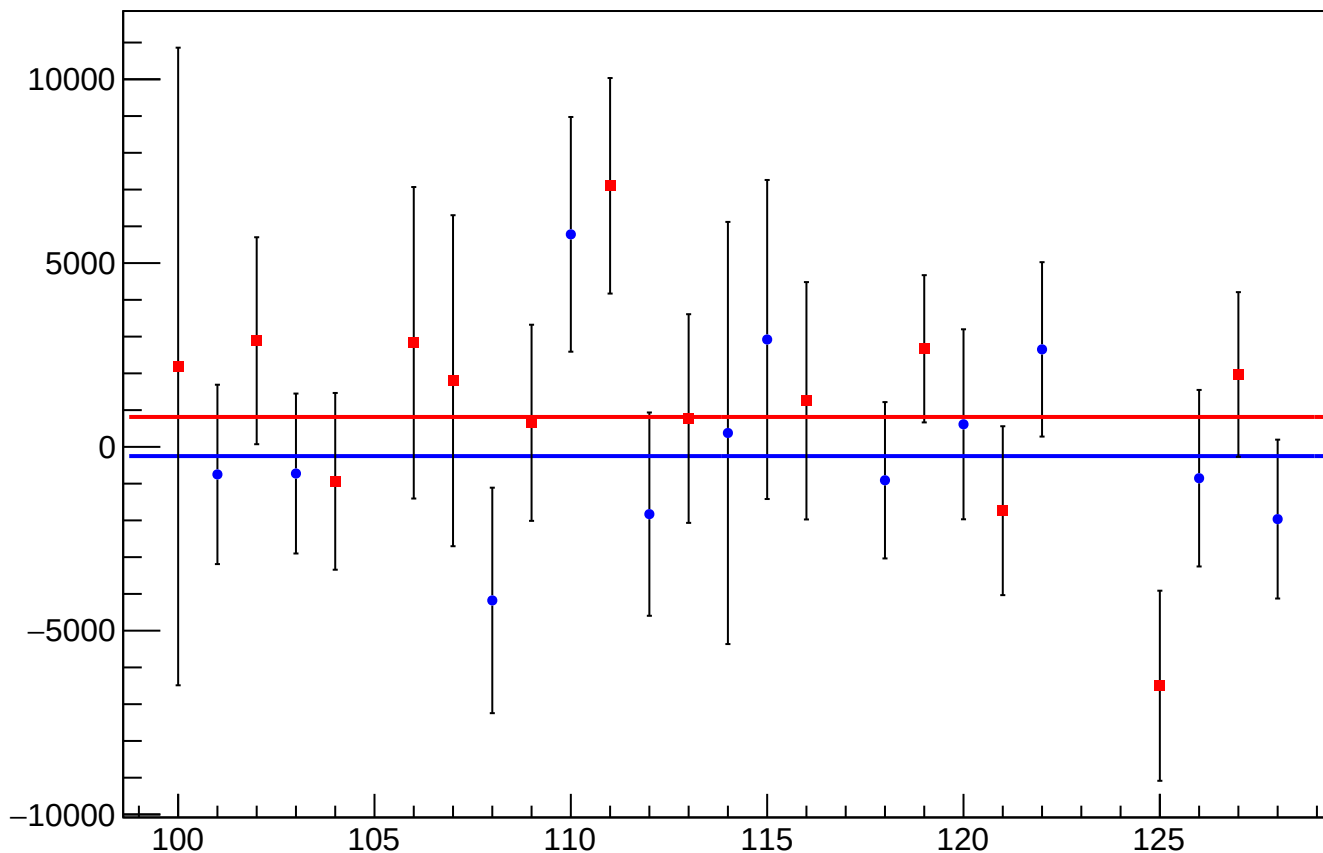
Right Out: 2148.485+/-0.686 χ^2/NDF : 1117219.9/13

All: 2205.913+/-0.509 χ^2/NDF : 2141114.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_dd_mean vs Slug



Right In: -250.669 ± 759.426 χ^2/NDF : 8.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 813.898 ± 771.080 χ^2/NDF : 16.3/12

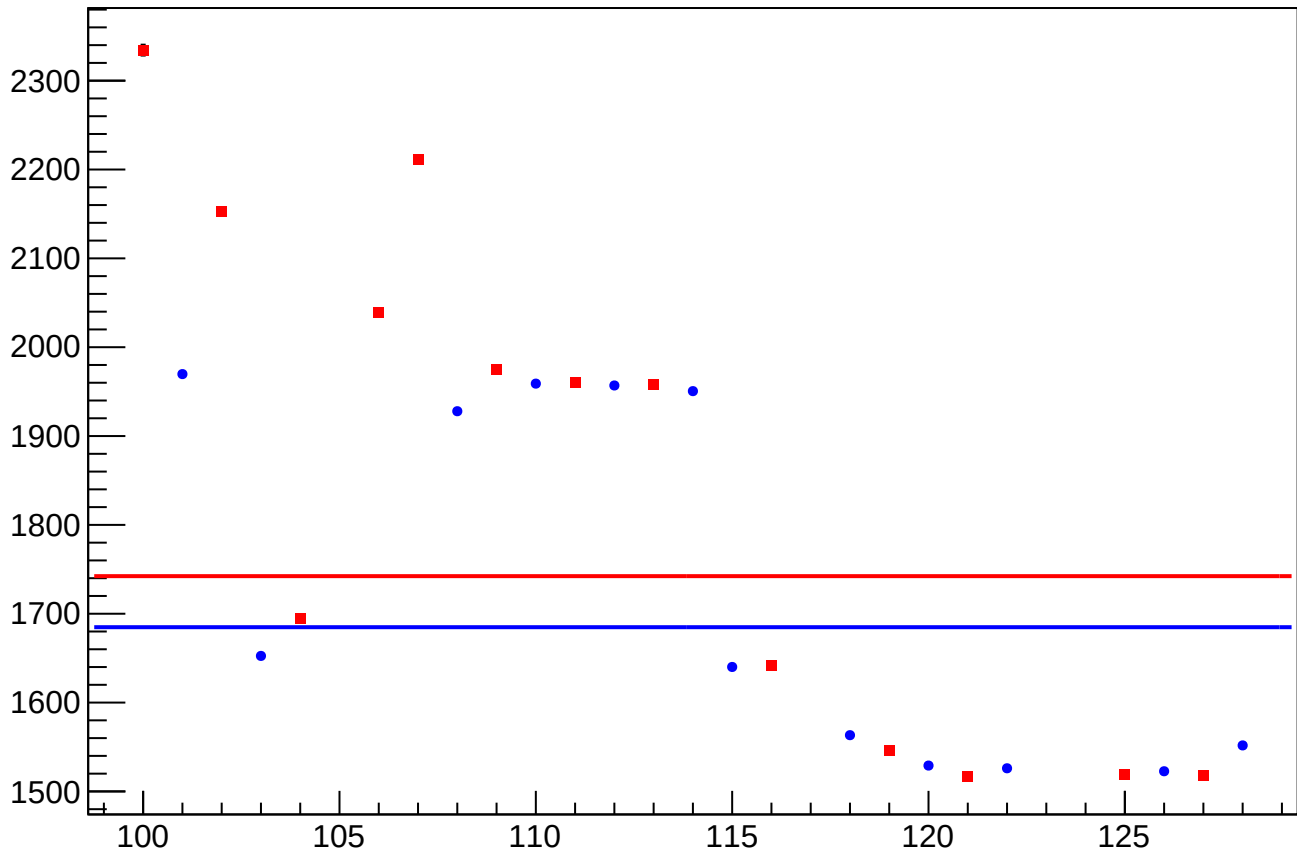
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 273.509 ± 541.069 χ^2/NDF : 25.9/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_dd_rms vs Slug



Right In: 1684.848 $\pm$ 0.537 χ^2 /NDF: 118331.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

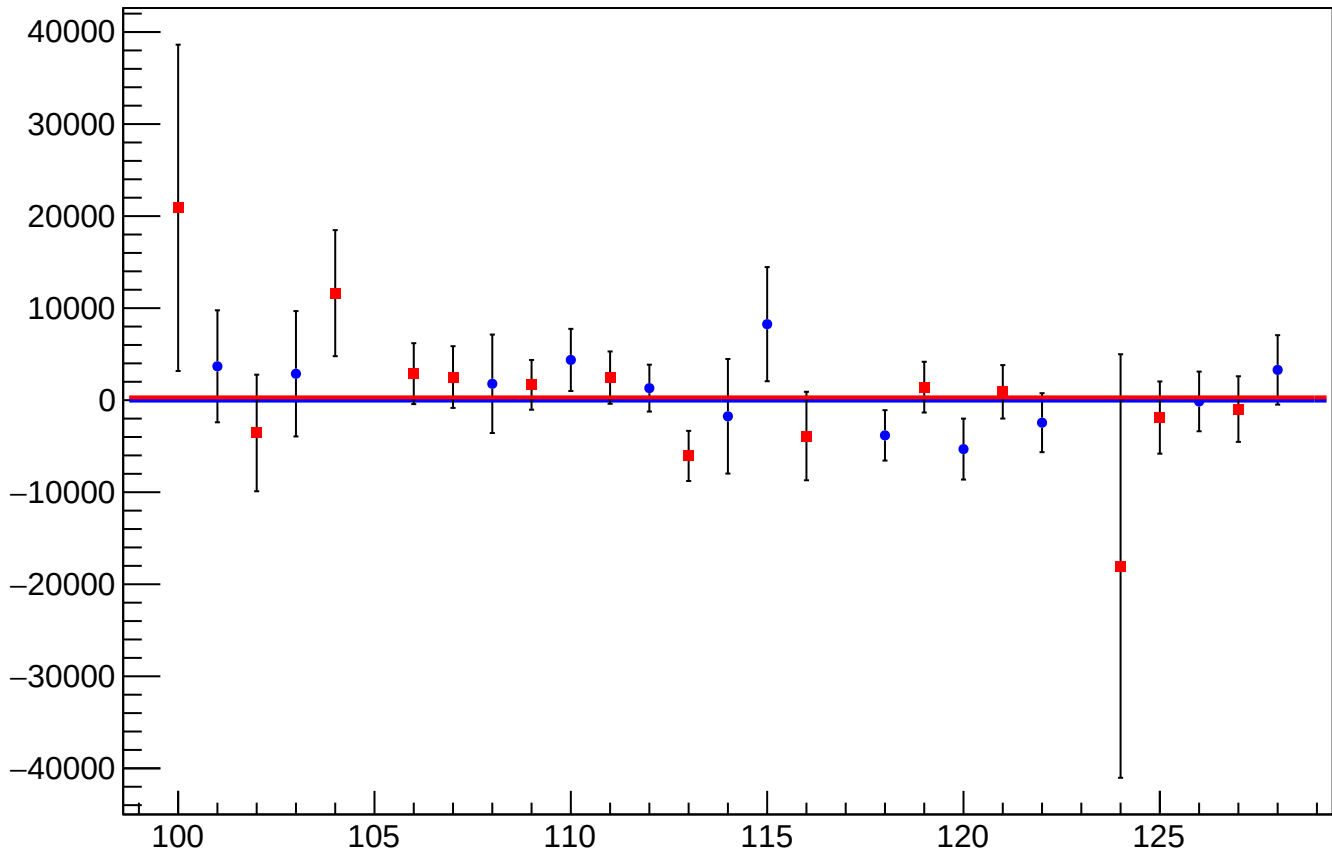
Right Out: 1742.306 $\pm$ 0.543 χ^2 /NDF: 199027.4/12

All: 1713.235 $\pm$ 0.382 χ^2 /NDF: 323014.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_eigen_dit_correction_mean vs Slug



Right In: -41.280 ± 1075.361 χ^2/NDF : 10.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 302.165 ± 969.455 χ^2/NDF : 13.8/13

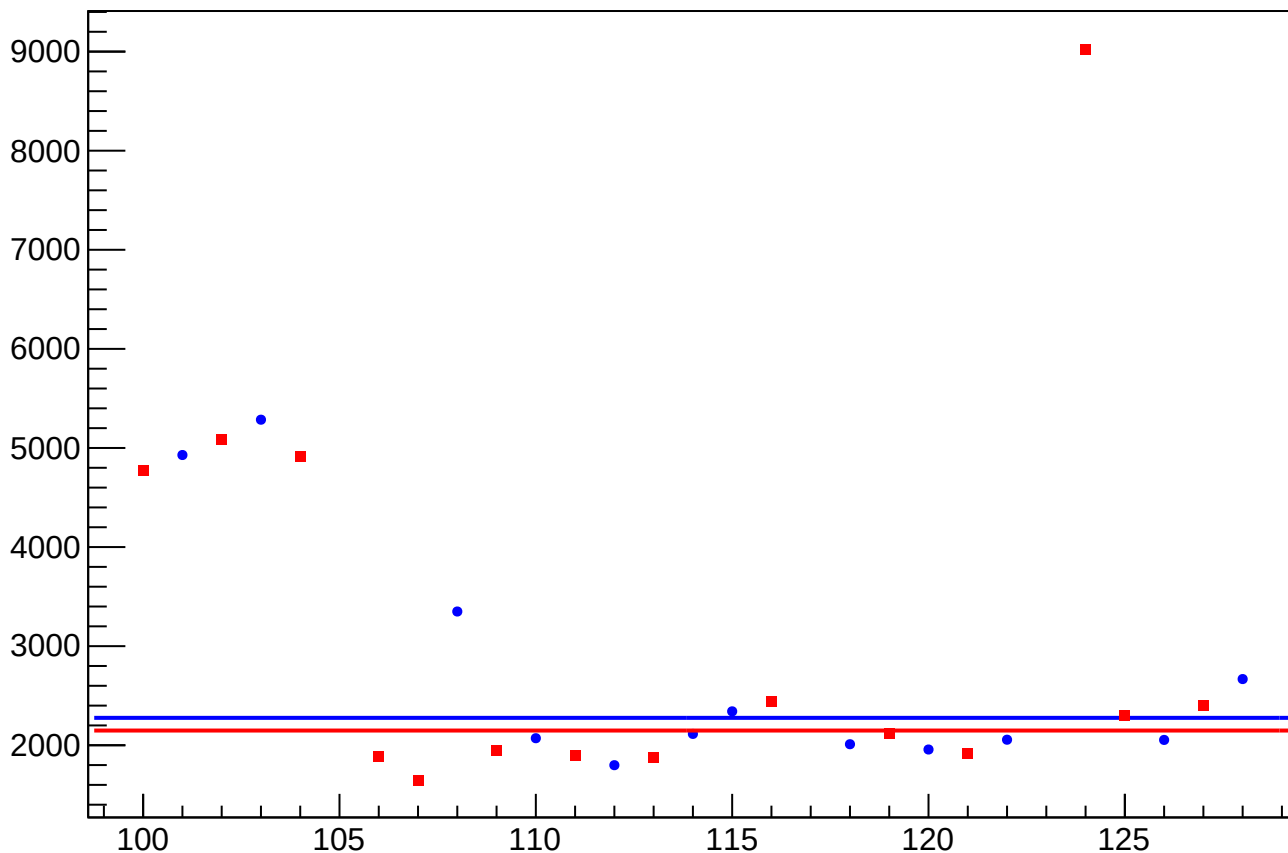
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 148.182 ± 720.047 χ^2/NDF : 24.2/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_dit_correction_rms vs Slug



Right In: 2276.562 $\pm$ 0.760 χ^2 /NDF: 1008246.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

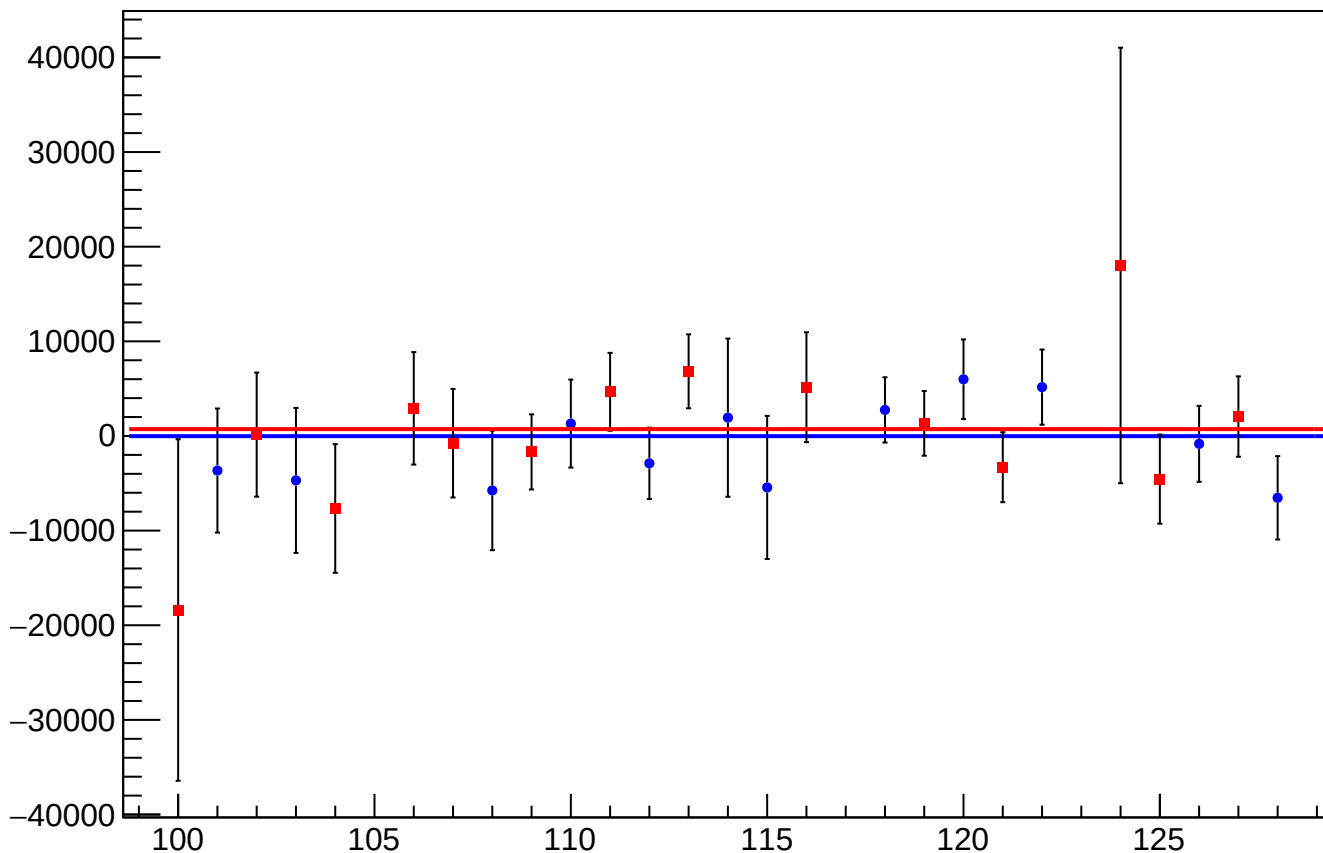
Right Out: 2148.476 $\pm$ 0.686 χ^2 /NDF: 1117224.4/13

All: 2205.903 $\pm$ 0.509 χ^2 /NDF: 2141124.0/25

- sign 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: -20.496+/-1371.611 χ^2 /NDF: 9.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 723.519+/-1306.566 χ^2 /NDF: 10.3/13

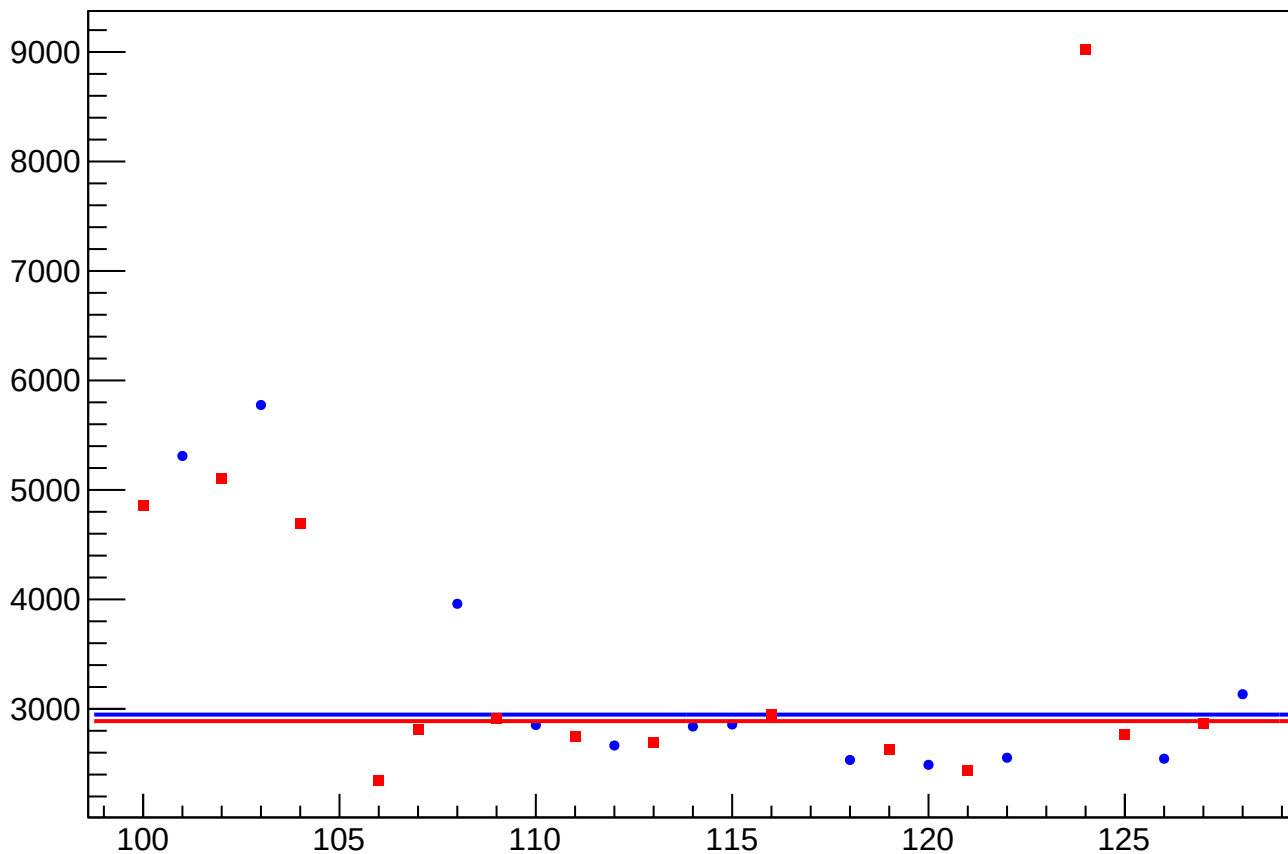
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 369.571+/-946.041 χ^2 /NDF: 19.8/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_rms vs Slug



Right In: 2947.684+/-0.970 χ^2/NDF : 692369.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2888.214+/-0.908 χ^2/NDF : 615573.8/13

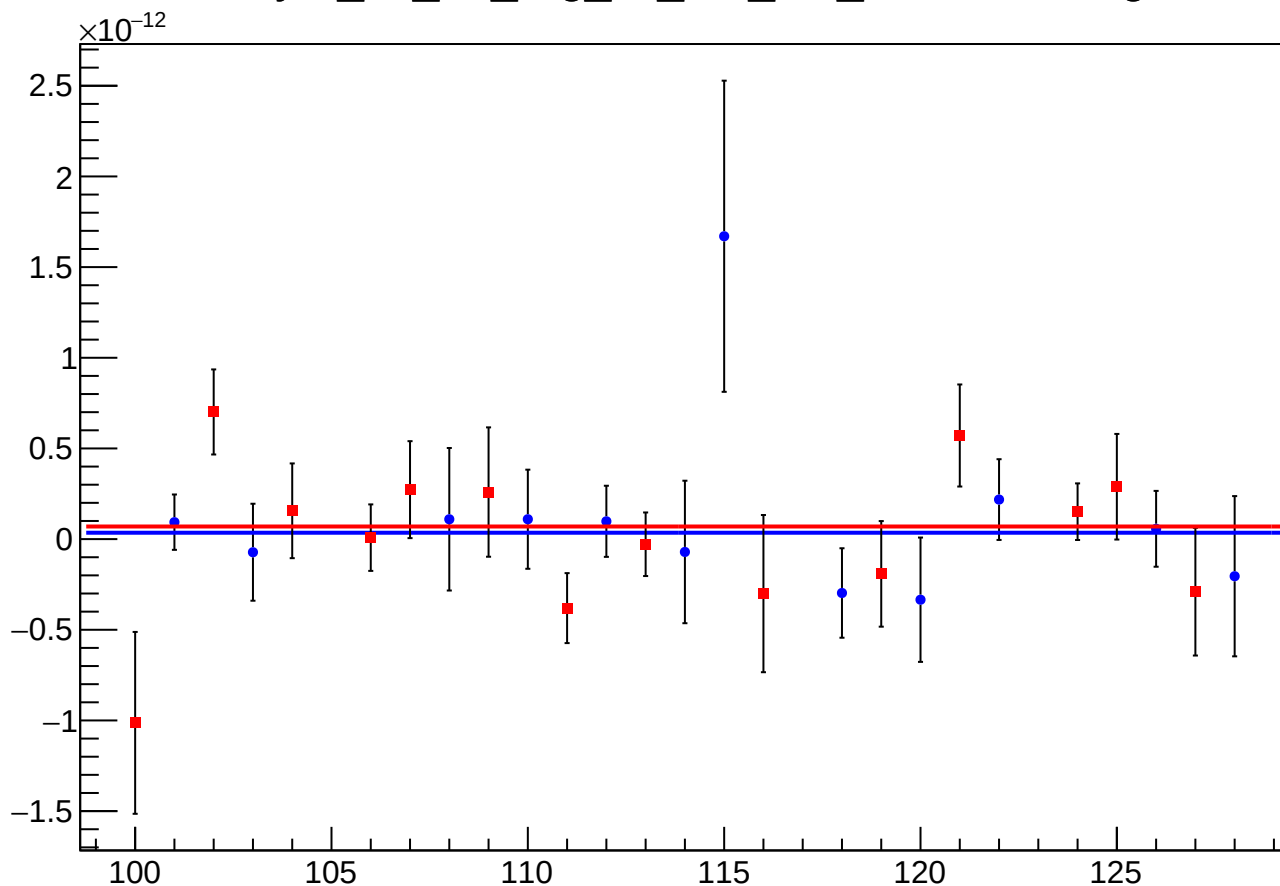
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2915.991+/-0.663 χ^2/NDF : 1309947.3/25

- 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: 8.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 25.4/13

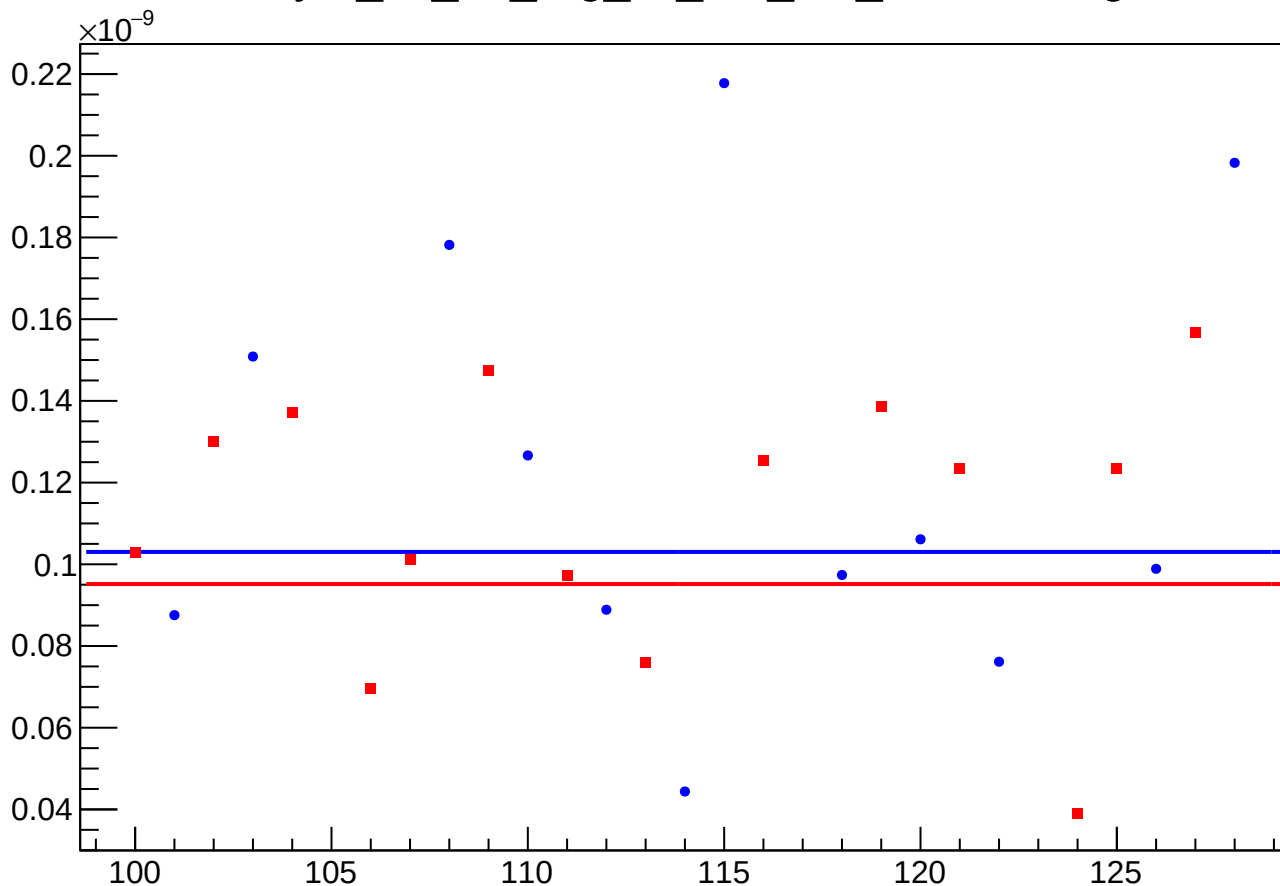
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 33.7/25

- 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+/-0.000 χ^2/NDF : 387460.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 617497.6/13

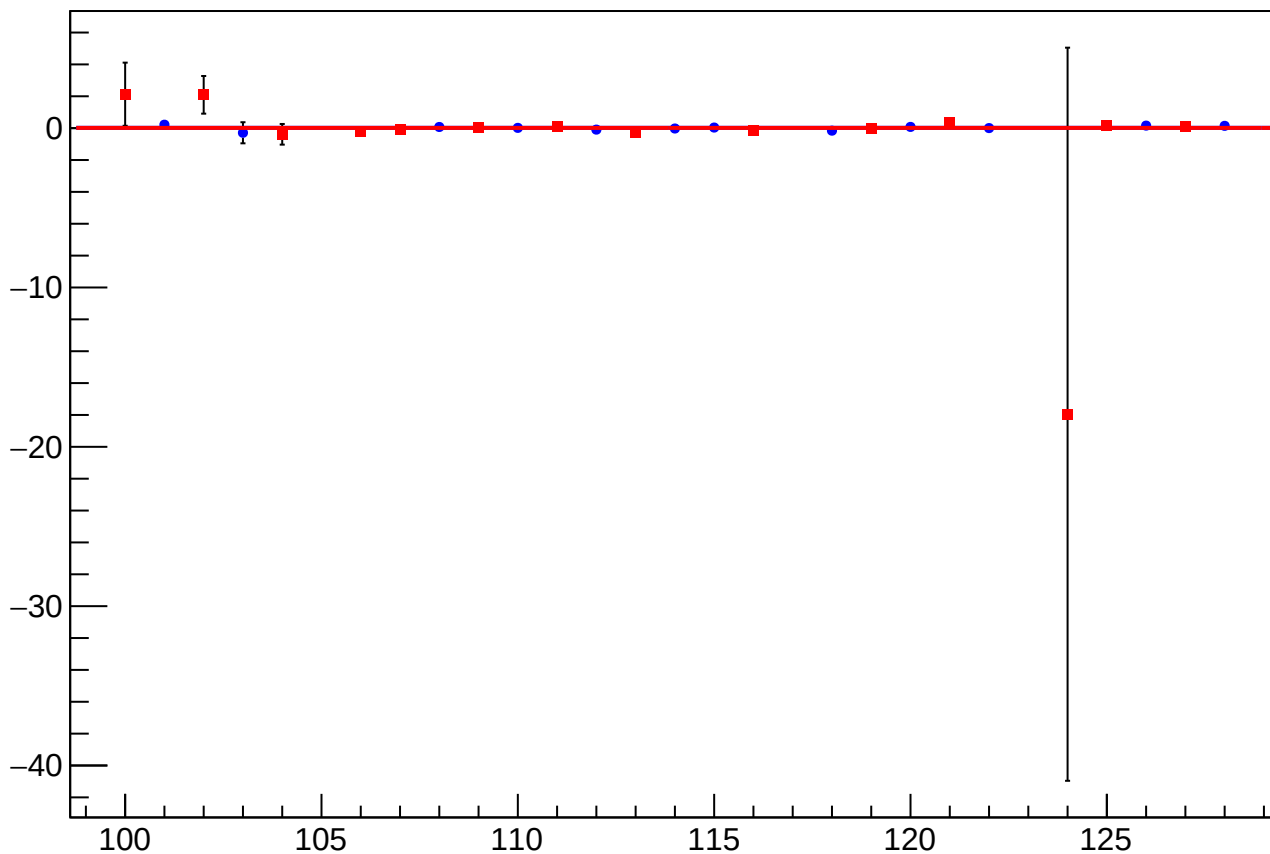
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1017785.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.020+/-0.049 χ^2/NDF : 5.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.047 χ^2/NDF : 19.4/13

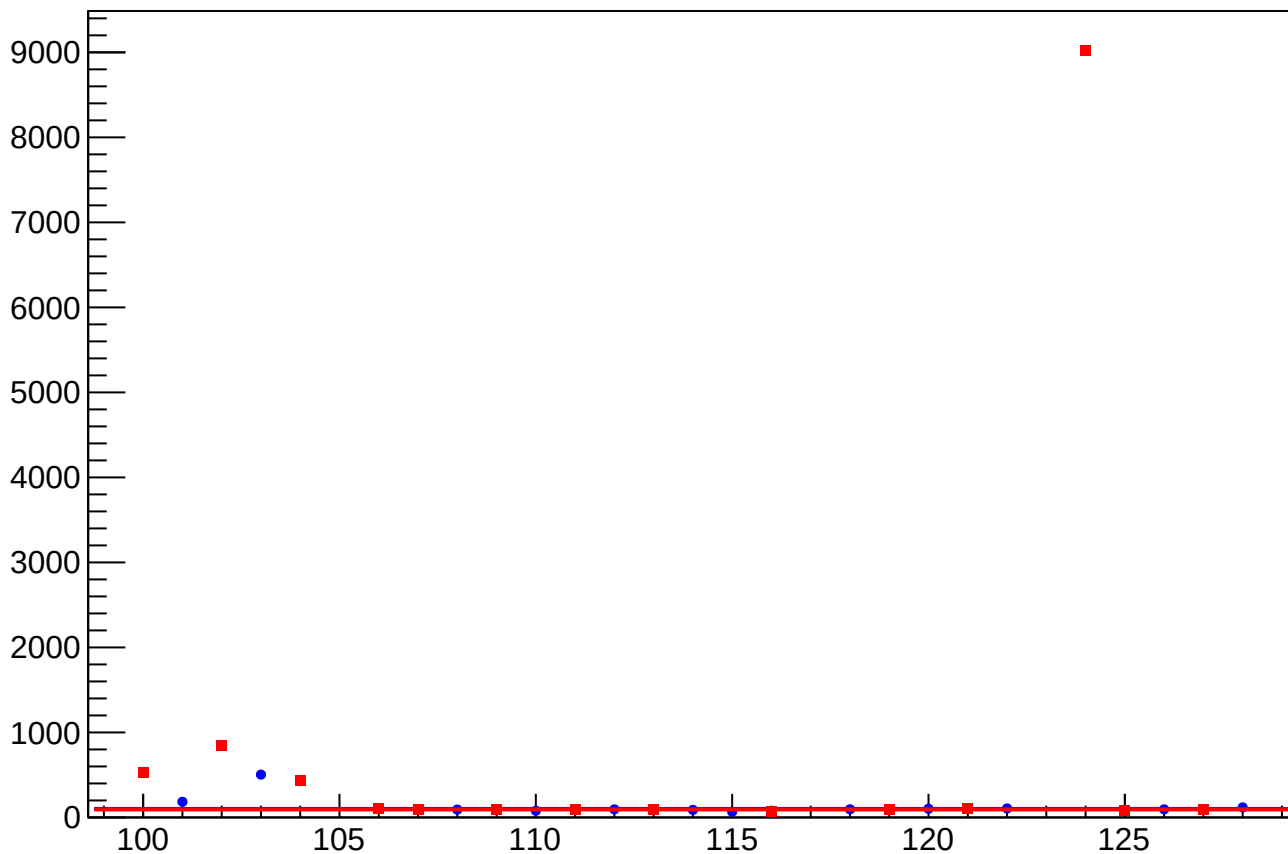
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.034 χ^2/NDF : 24.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_dit_vs_cor_diff_rms vs Slug



Right In: 100.164 $\pm$ 0.035 χ^2 /NDF: 1152389.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 94.405 $\pm$ 0.033 χ^2 /NDF: 1816071.2/13

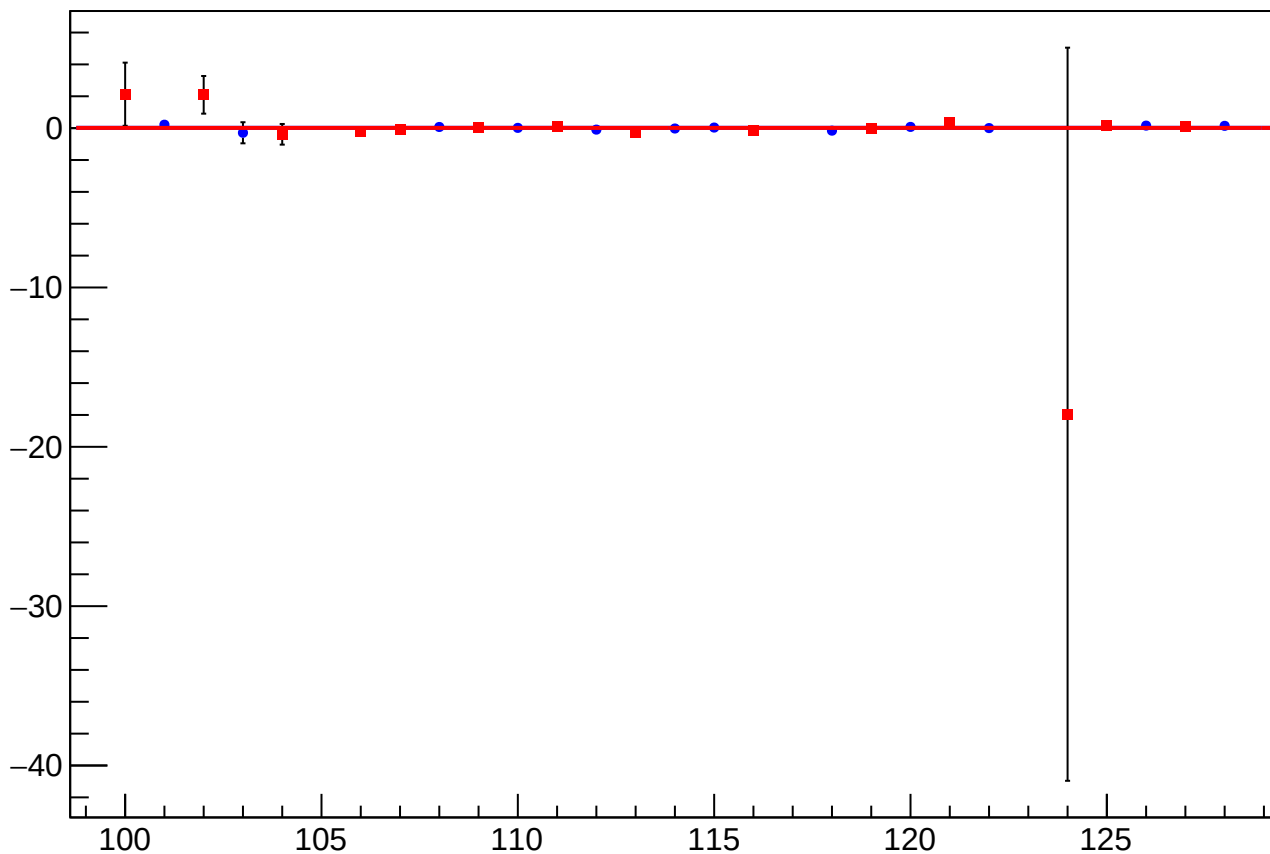
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 97.156 $\pm$ 0.024 χ^2 /NDF: 2982779.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.020+/-0.049 χ^2/NDF : 5.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.047 χ^2/NDF : 19.4/13

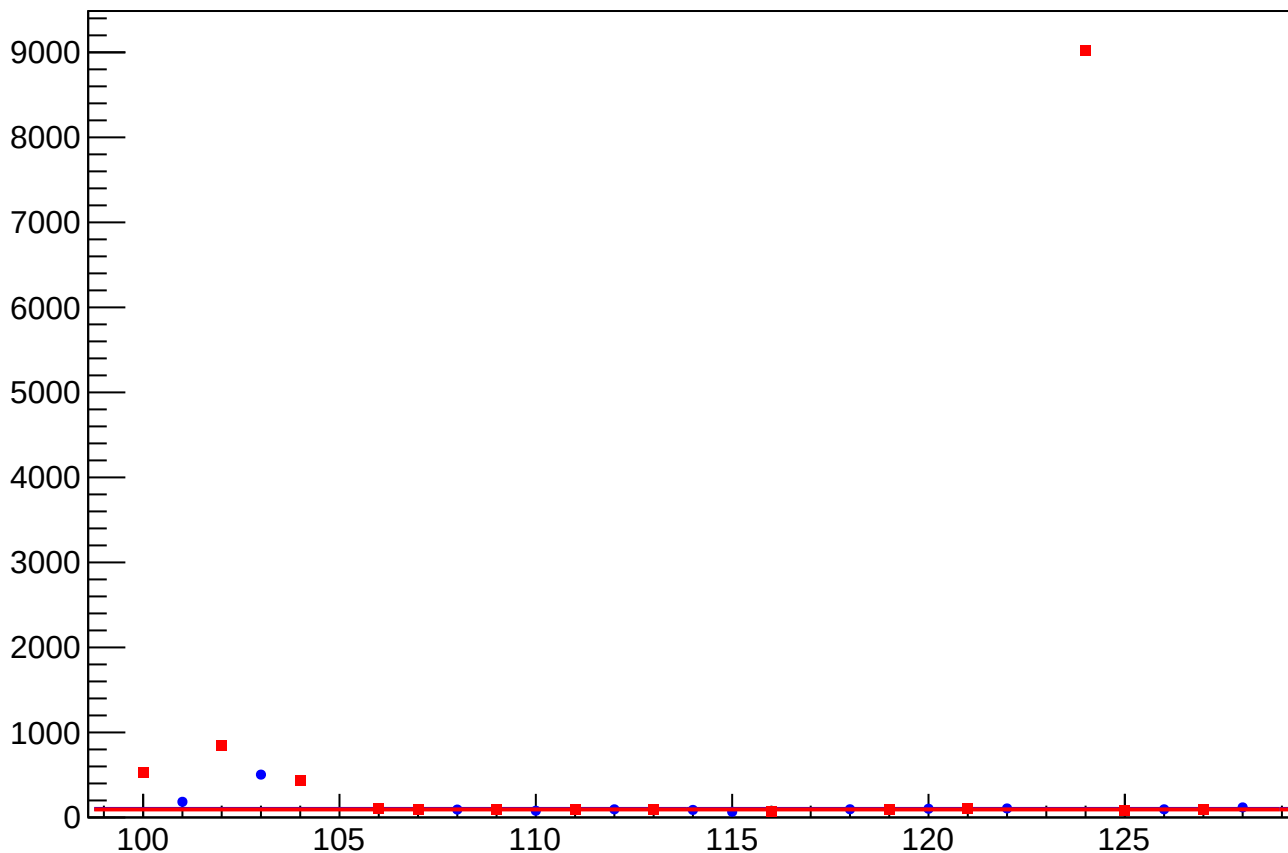
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.034 χ^2/NDF : 24.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 100.164+/-0.035 χ^2/NDF : 1152389.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.405+/-0.033 χ^2/NDF : 1816071.2/13

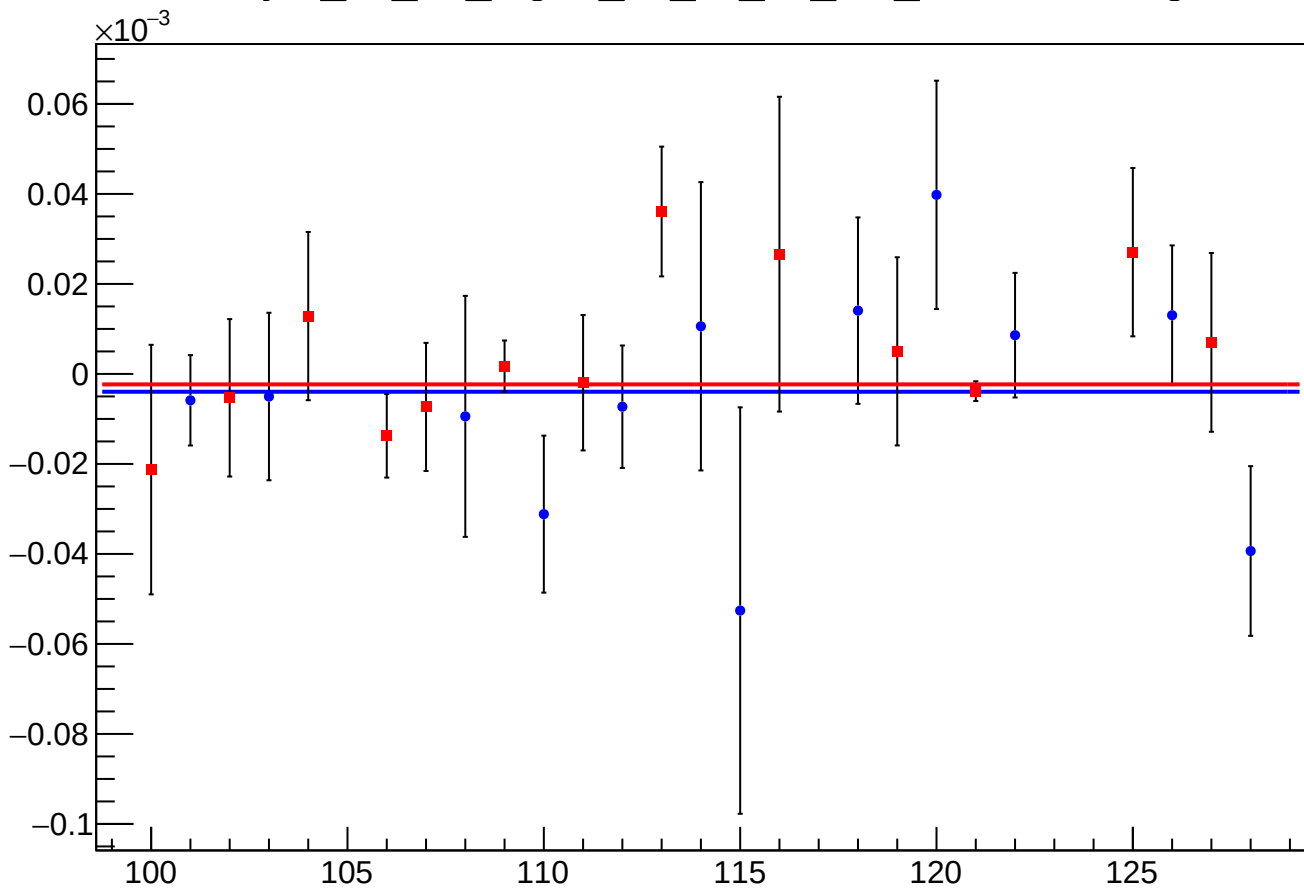
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.156+/-0.024 χ^2/NDF : 2982779.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.4/12

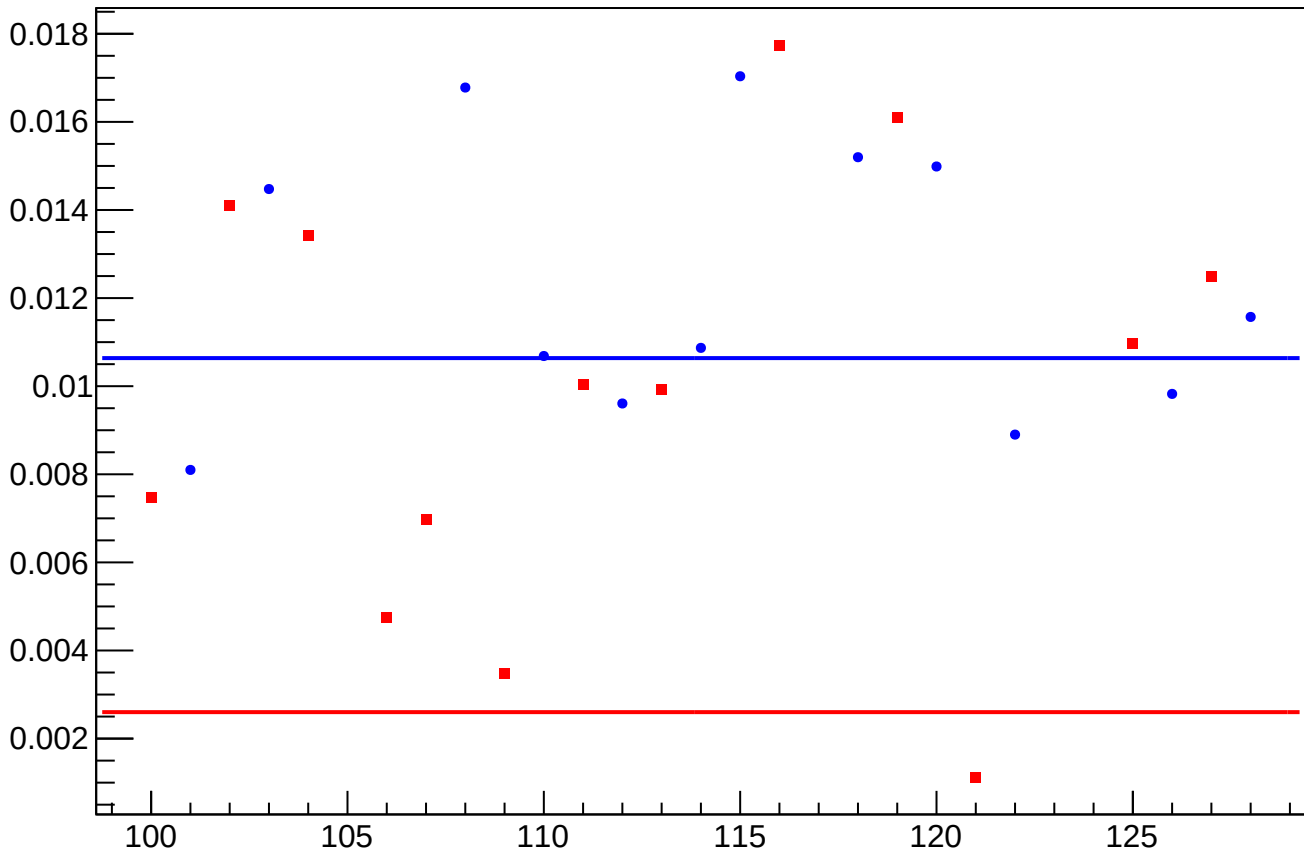
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 27.7/24

- 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+/-0.000 χ^2/NDF : 567375.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 5970295.4/12

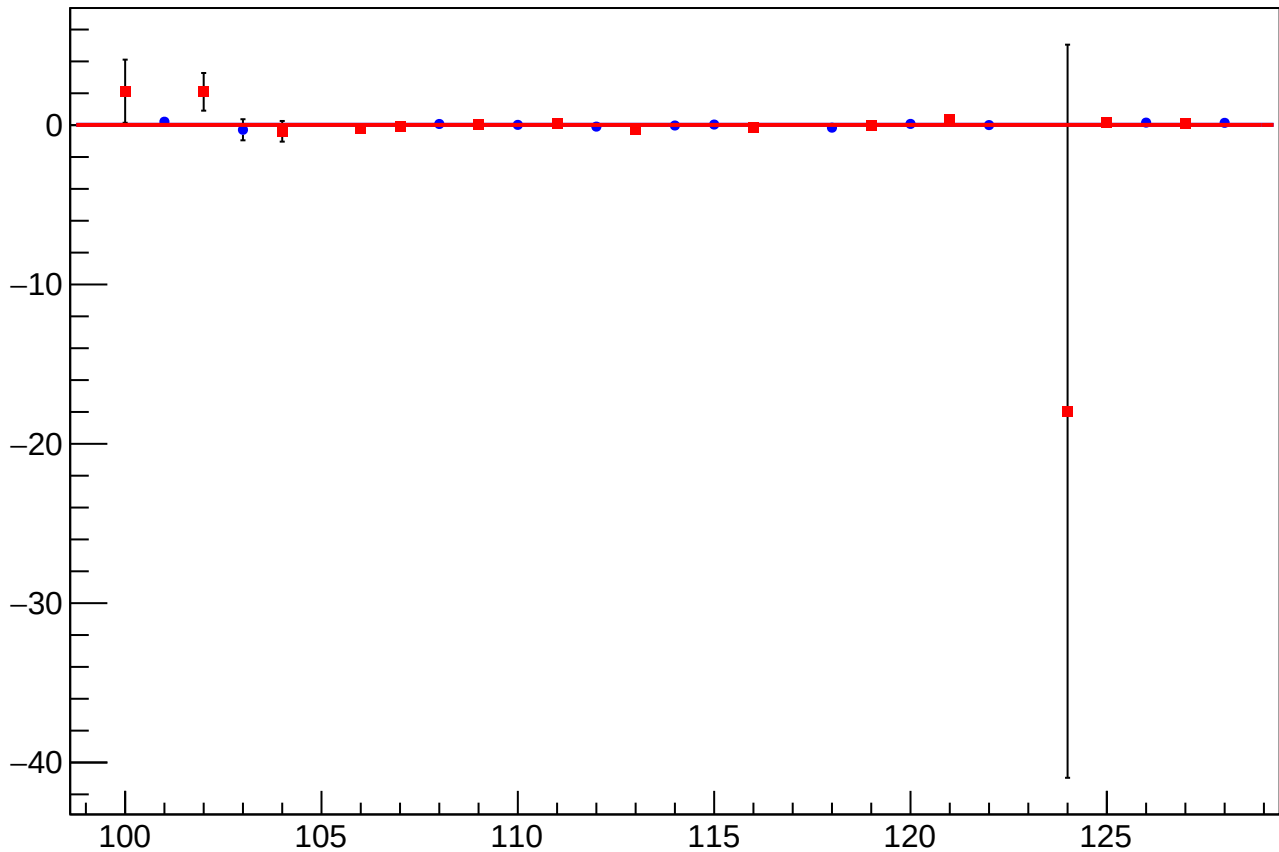
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 11101844.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.020+/-0.049 χ^2/NDF : 5.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.047 χ^2/NDF : 19.4/13

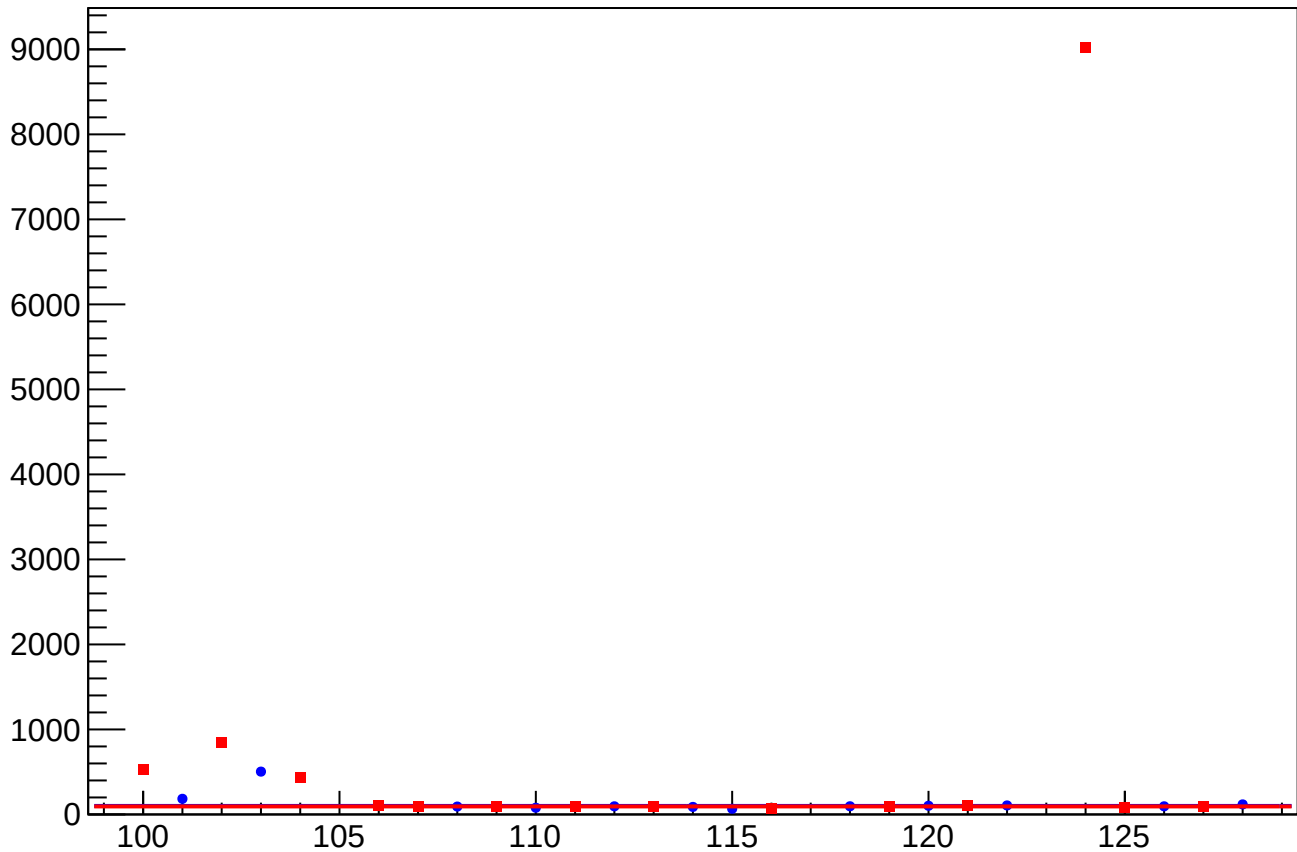
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.034 χ^2/NDF : 24.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 100.165+/-0.035 χ^2/NDF : 1152355.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.407+/-0.033 χ^2/NDF : 1816024.4/13

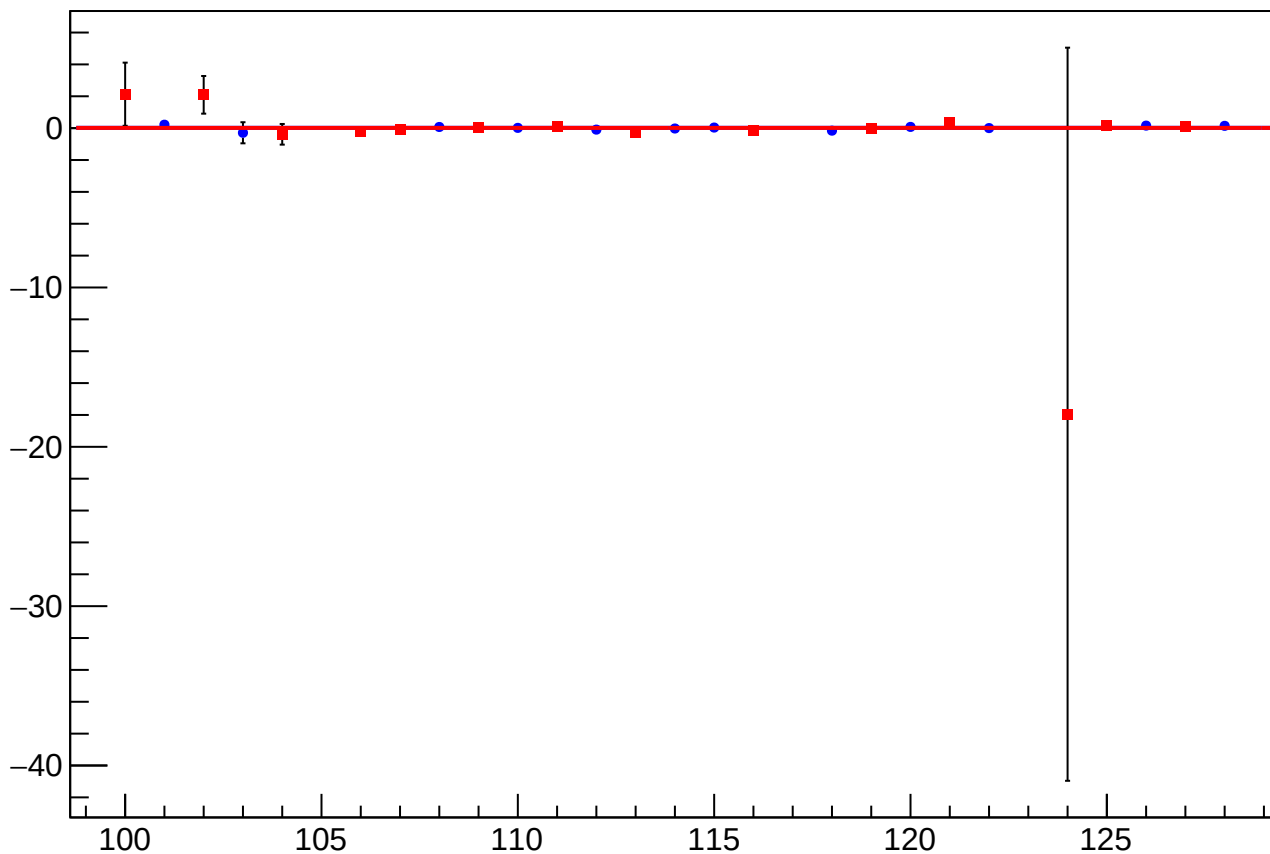
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.158+/-0.024 χ^2/NDF : 2982694.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.020+/-0.049 χ^2/NDF : 5.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.047 χ^2/NDF : 19.4/13

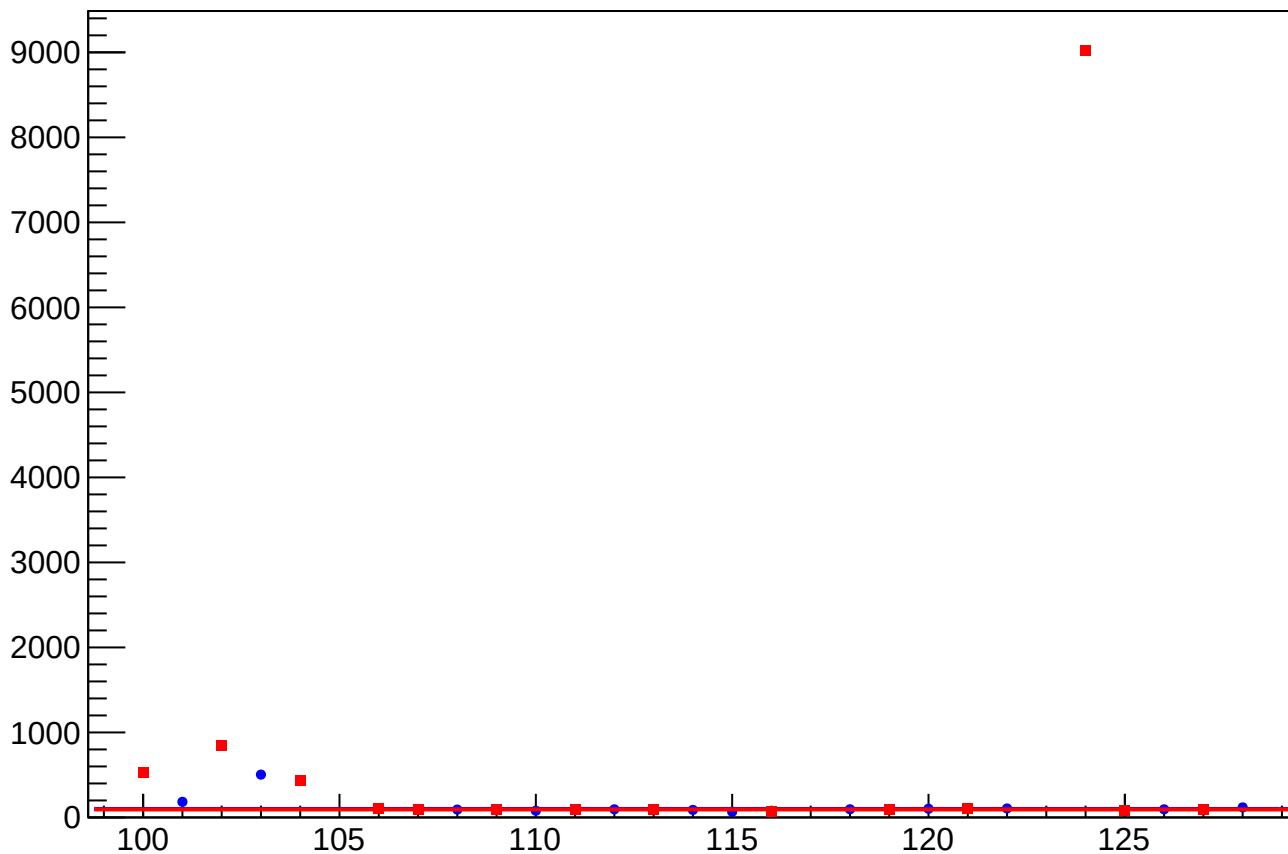
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.034 χ^2/NDF : 24.4/25

- 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: 100.165+/-0.035 χ^2/NDF : 1152355.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.407+/-0.033 χ^2/NDF : 1816024.4/13

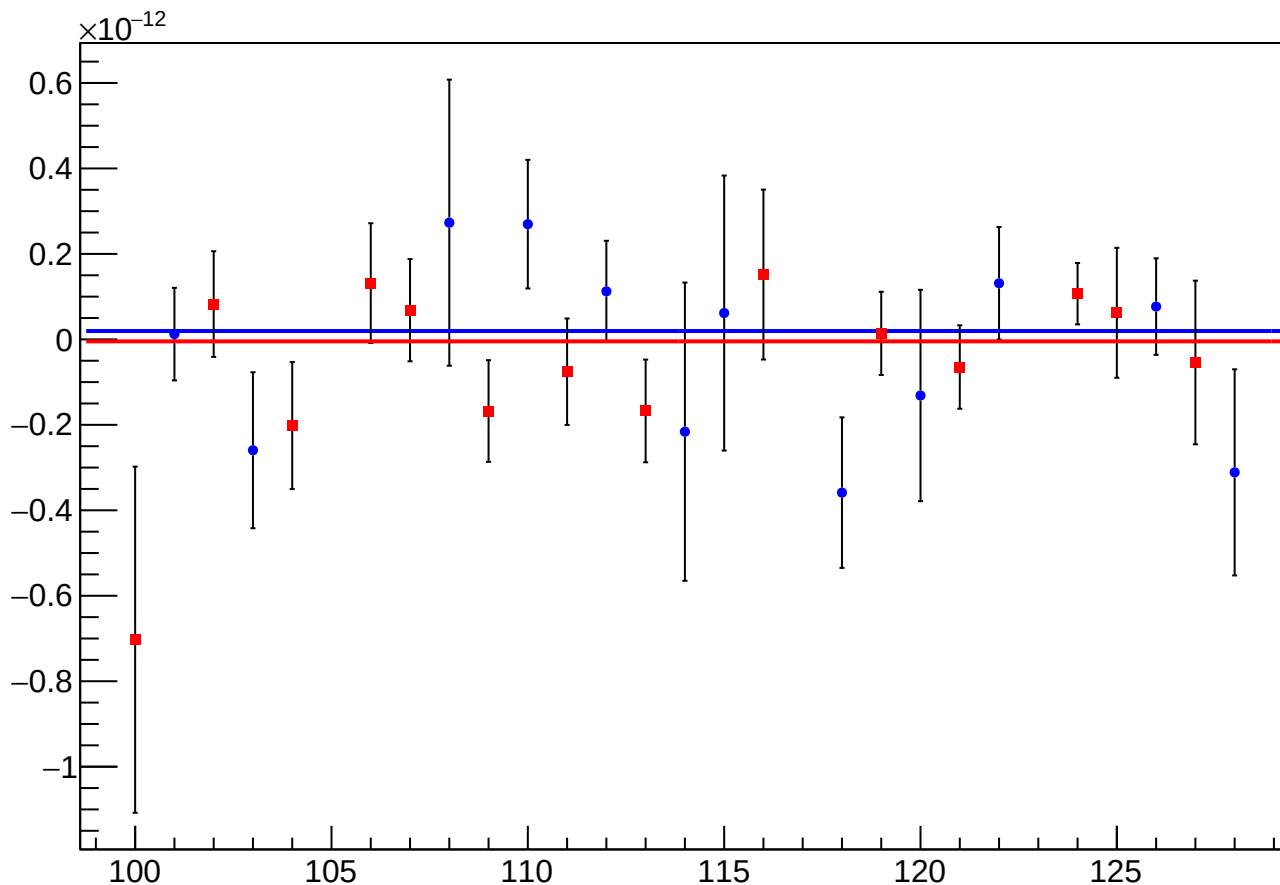
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.158+/-0.024 χ^2/NDF : 2982694.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 14.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.3/13

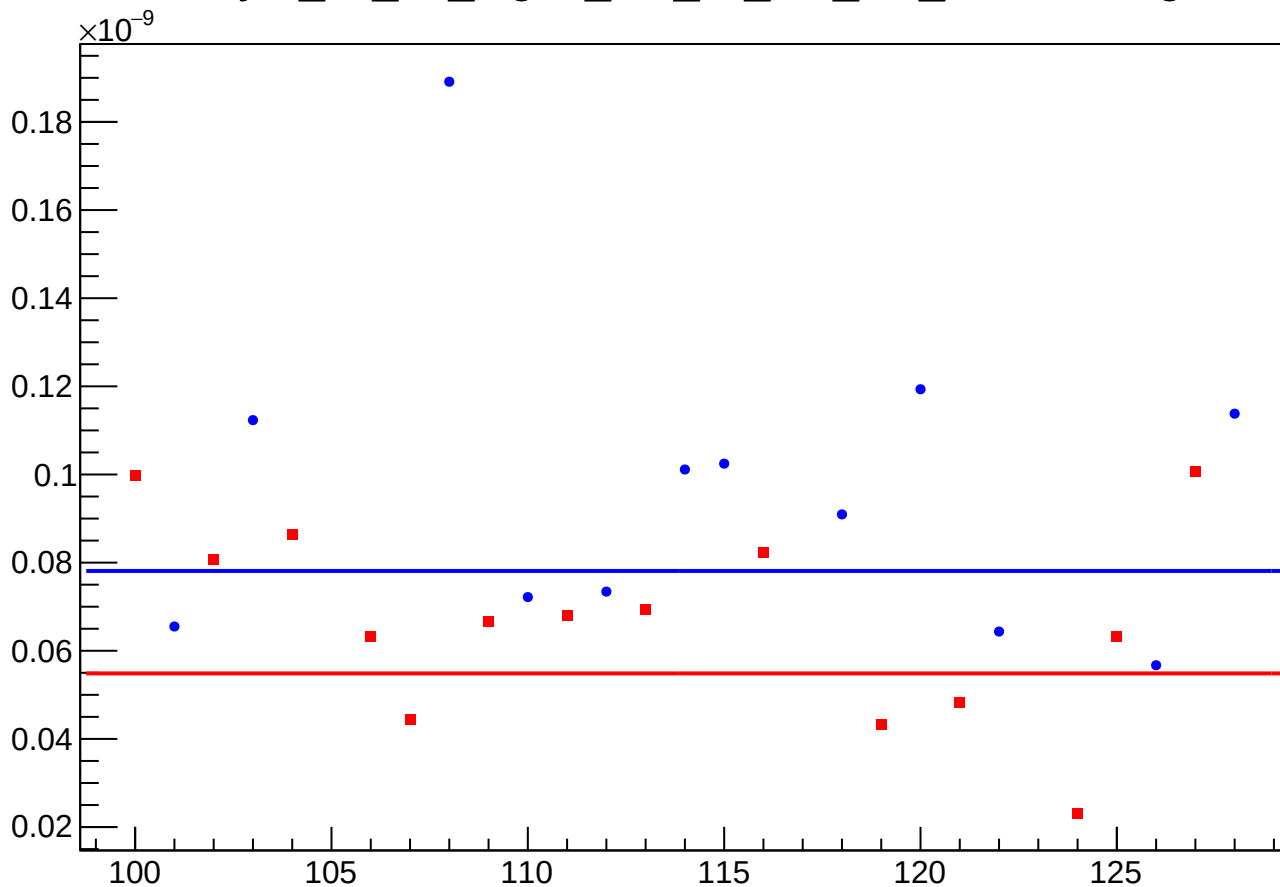
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 547366.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 885827.9/13

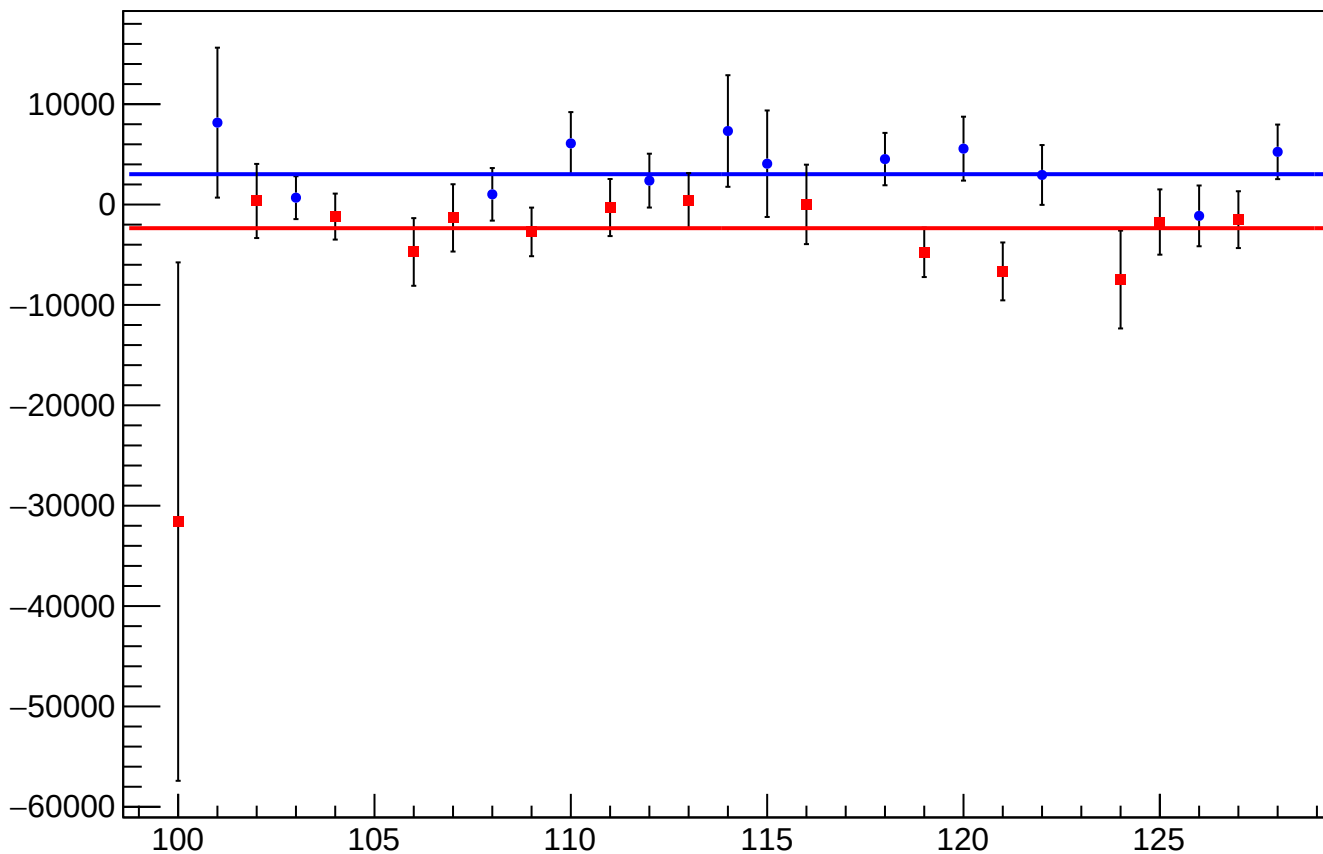
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1767185.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_mean vs Slug



Right In: 3024.113 $\pm$ 878.469 χ^2 /NDF: 7.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2354.968 $\pm$ 821.761 χ^2 /NDF: 9.0/13

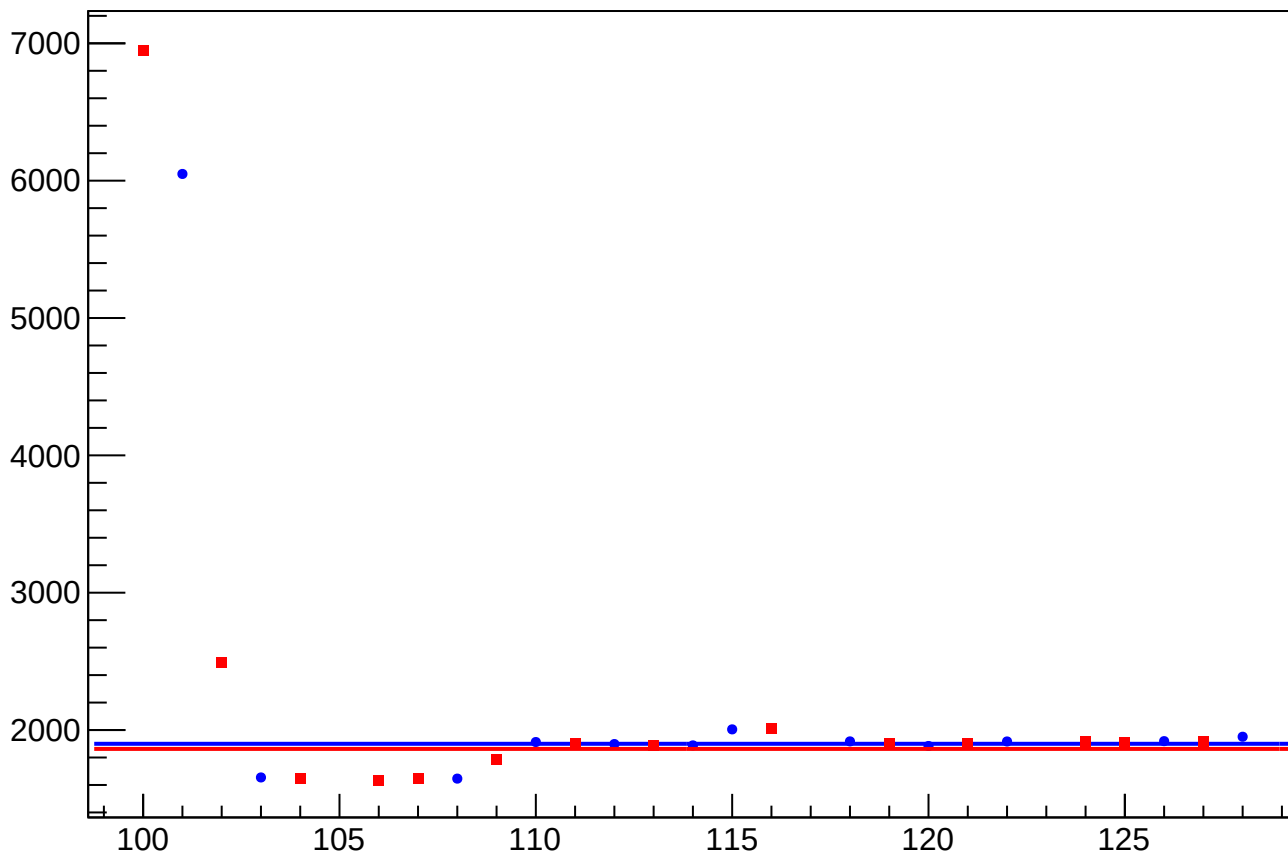
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 155.364 $\pm$ 600.120 χ^2 /NDF: 36.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_avg_rms vs Slug



Right In: 1899.854+/-0.621 χ^2/NDF : 664149.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1862.641+/-0.578 χ^2/NDF : 179328.4/13

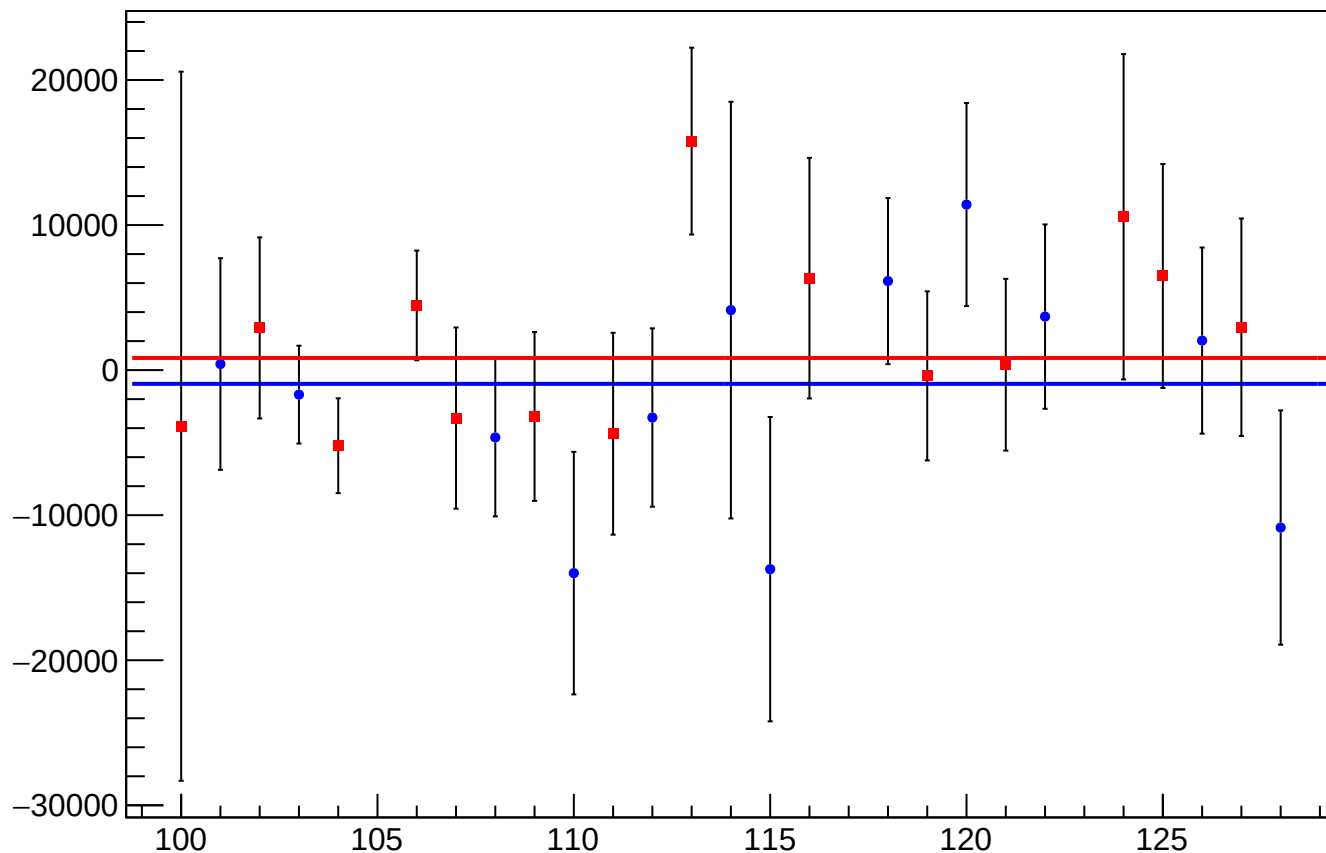
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1879.922+/-0.423 χ^2/NDF : 845400.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_reg_correction_mean vs Slug



Right In: -947.109+/-1794.773 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 837.973+/-1569.906 χ^2/NDF : 13.2/13

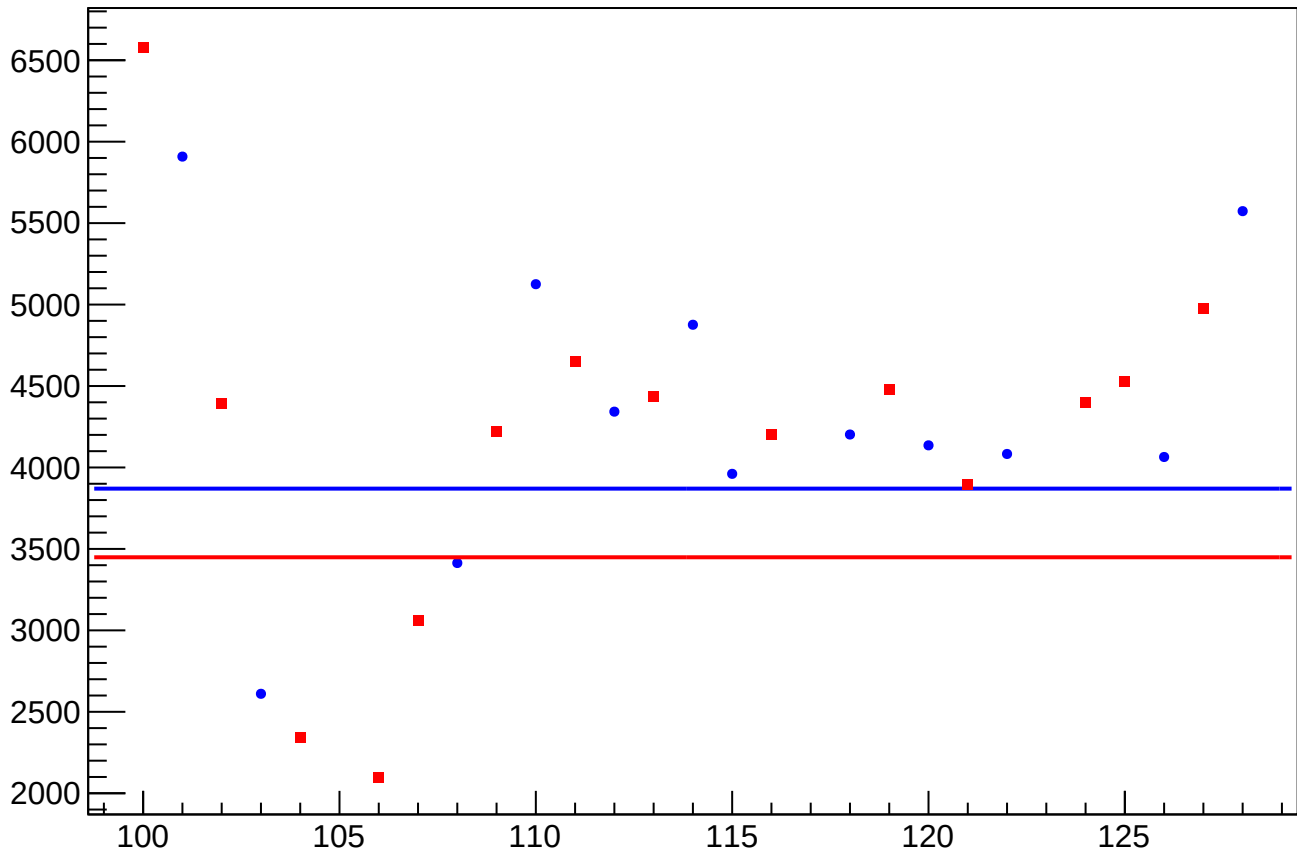
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.201+/-1181.644 χ^2/NDF : 25.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_reg_correction_rms vs Slug



Right In: 3870.114+/-1.269 χ^2/NDF : 618615.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

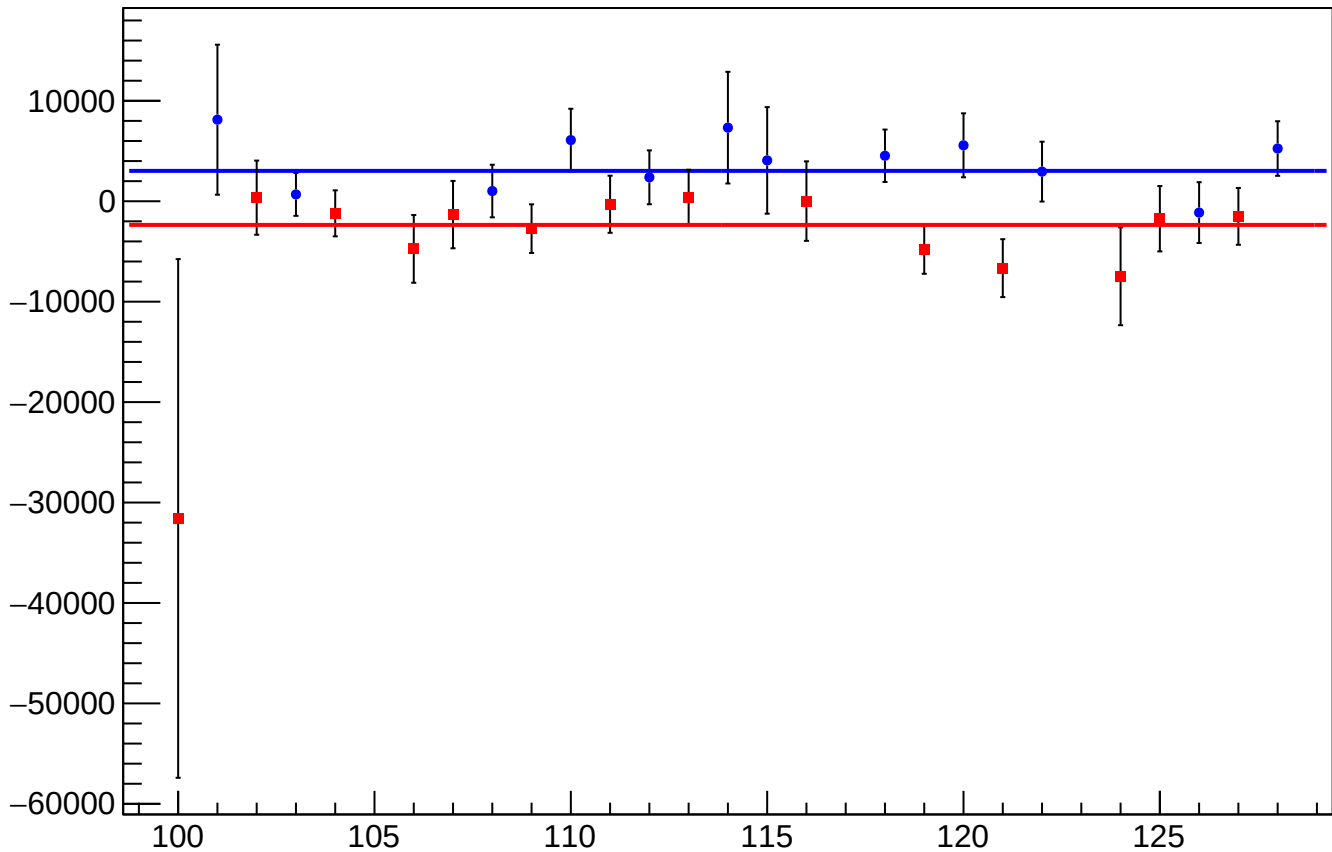
Right Out: 3448.665+/-1.110 χ^2/NDF : 939648.2/13

All: 3631.349+/-0.836 χ^2/NDF : 1620741.8/25

- 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: 3023.148 $\pm$ 878.469 χ^2 /NDF: 7.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2356.569 $\pm$ 821.768 χ^2 /NDF: 9.0/13

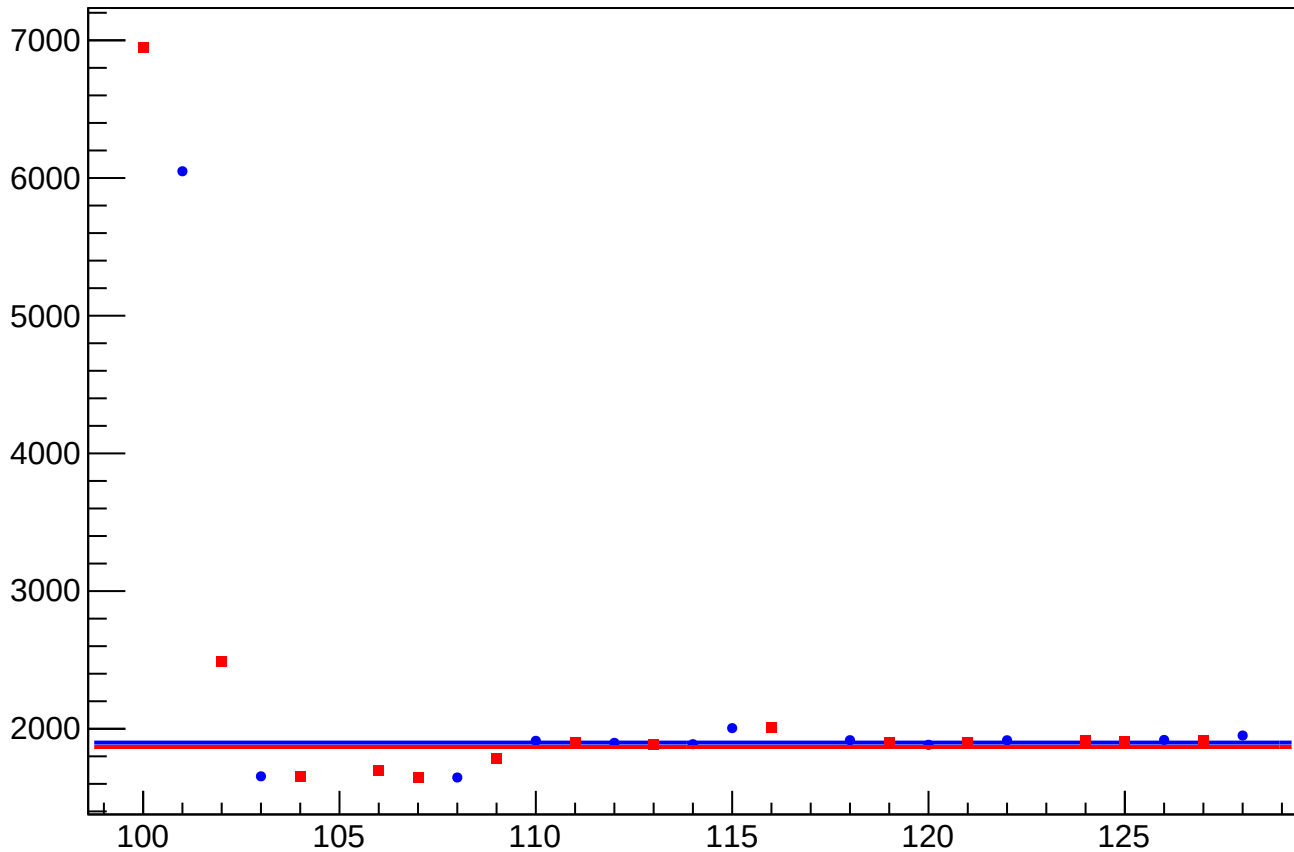
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 154.080 $\pm$ 600.123 χ^2 /NDF: 36.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atr_avg_rms vs Slug



Right In: 1899.855+/-0.621 χ^2 /NDF: 664149.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

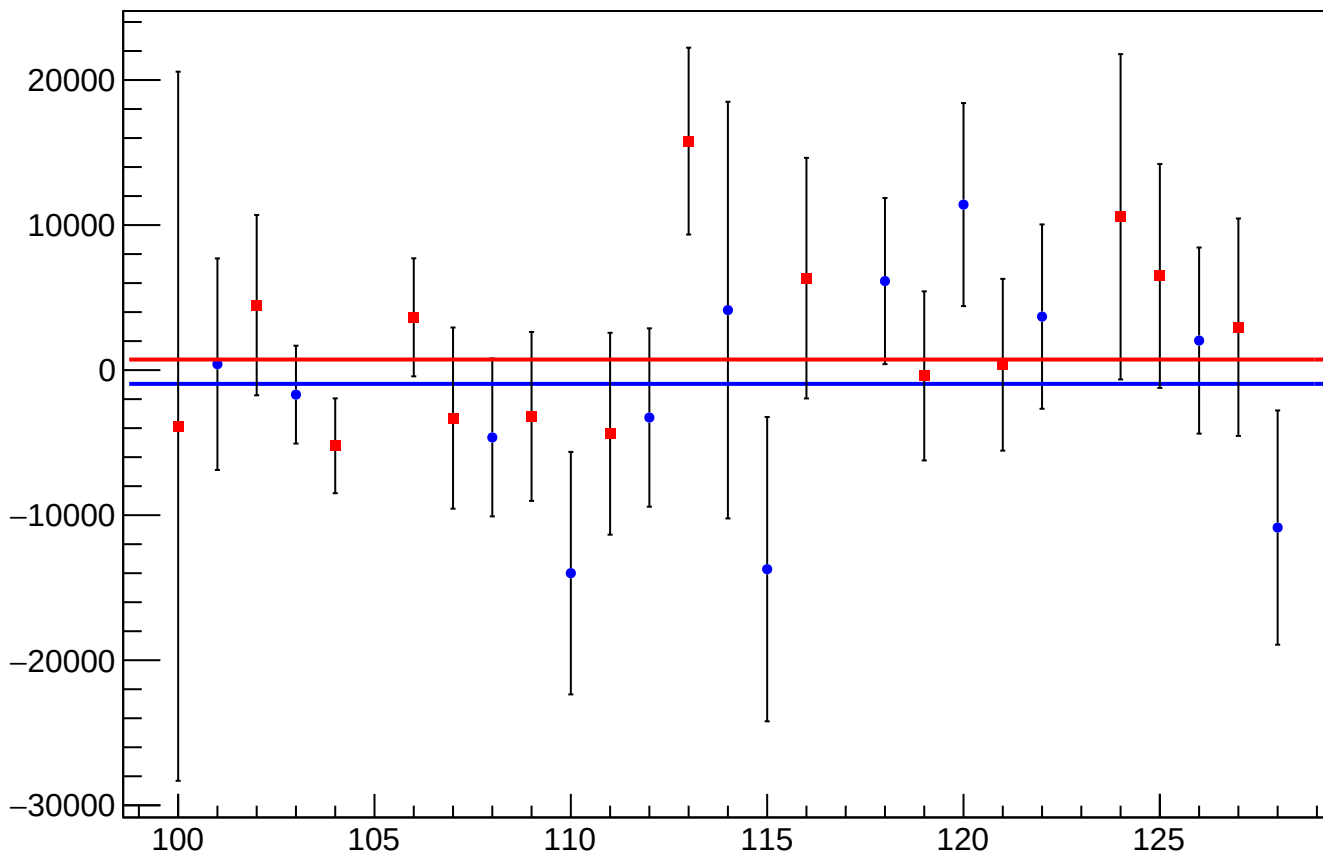
Right Out: 1867.817+/-0.580 χ^2 /NDF: 173716.2/13

All: 1882.735+/-0.424 χ^2 /NDF: 839286.6/25

- 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_cor_correction_mean vs Slug



Right In: -947.599+/-1794.778 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 729.385+/-1588.280 χ^2/NDF : 13.0/13

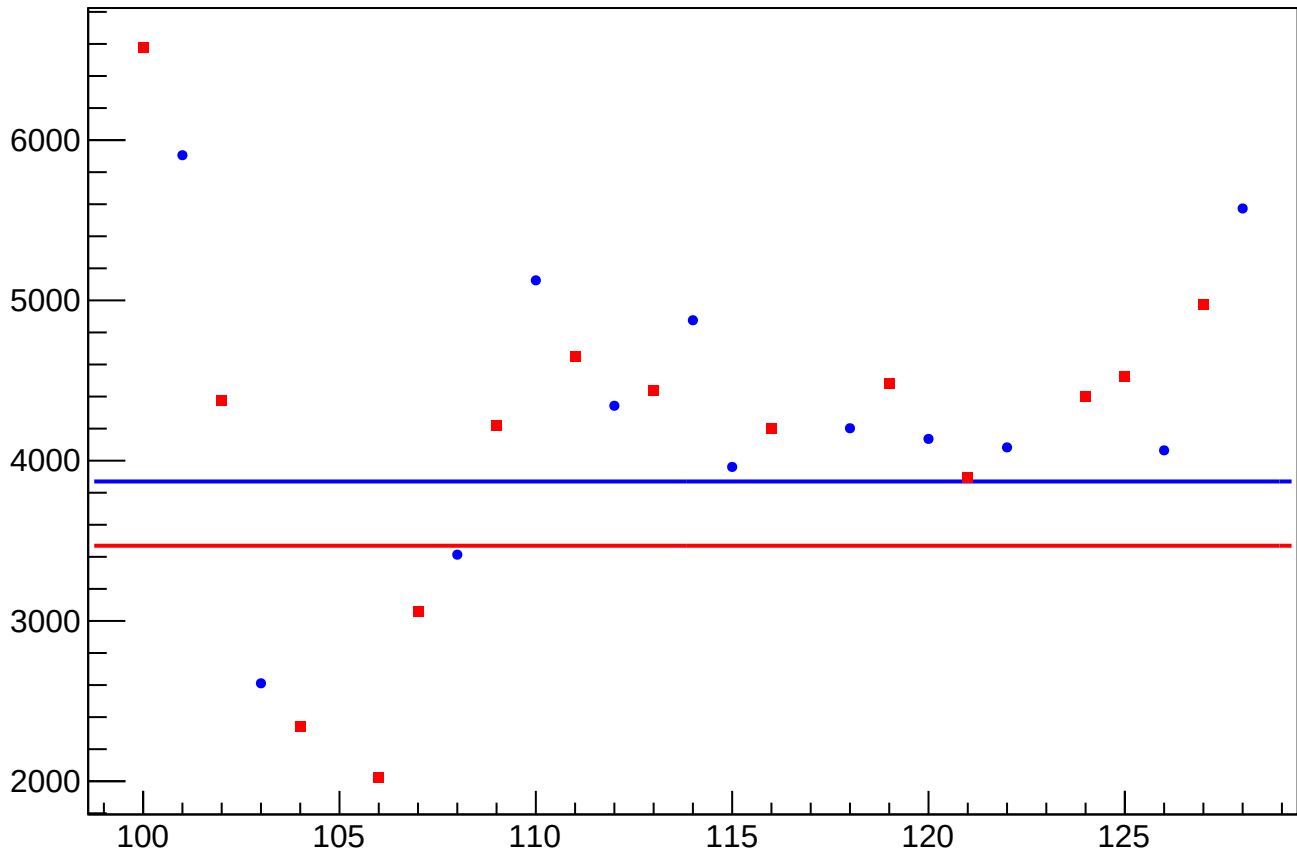
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.126+/-1189.422 χ^2/NDF : 25.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_cor_correction_rms vs Slug



Right In: 3870.234+/-1.269 χ^2/NDF : 618150.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3469.169+/-1.123 χ^2/NDF : 927300.8/13

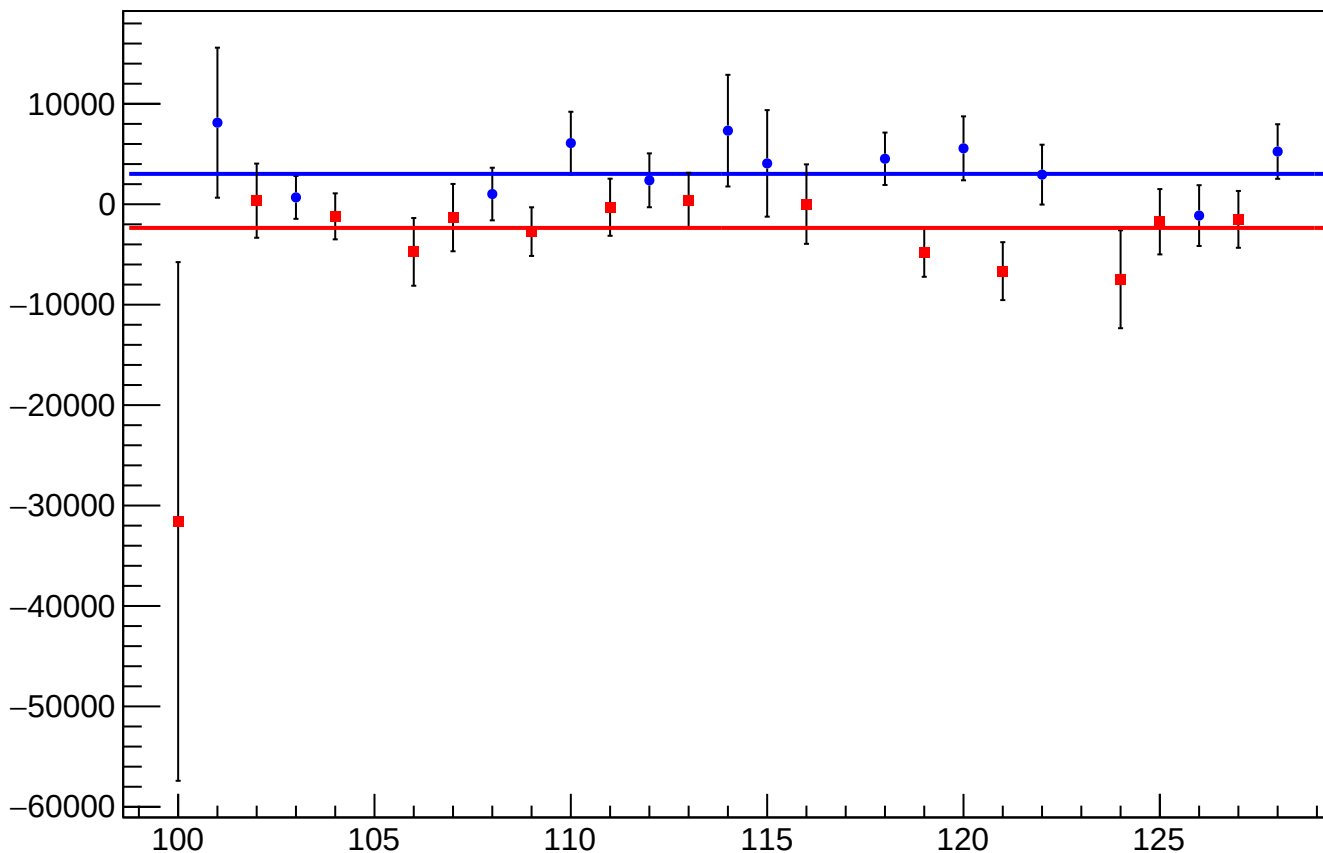
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3645.312+/-0.841 χ^2/NDF : 1601460.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr_avg_mean vs Slug



Right In: 3023.148 $\pm$ 878.469 χ^2 /NDF: 7.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2356.569 $\pm$ 821.768 χ^2 /NDF: 9.0/13

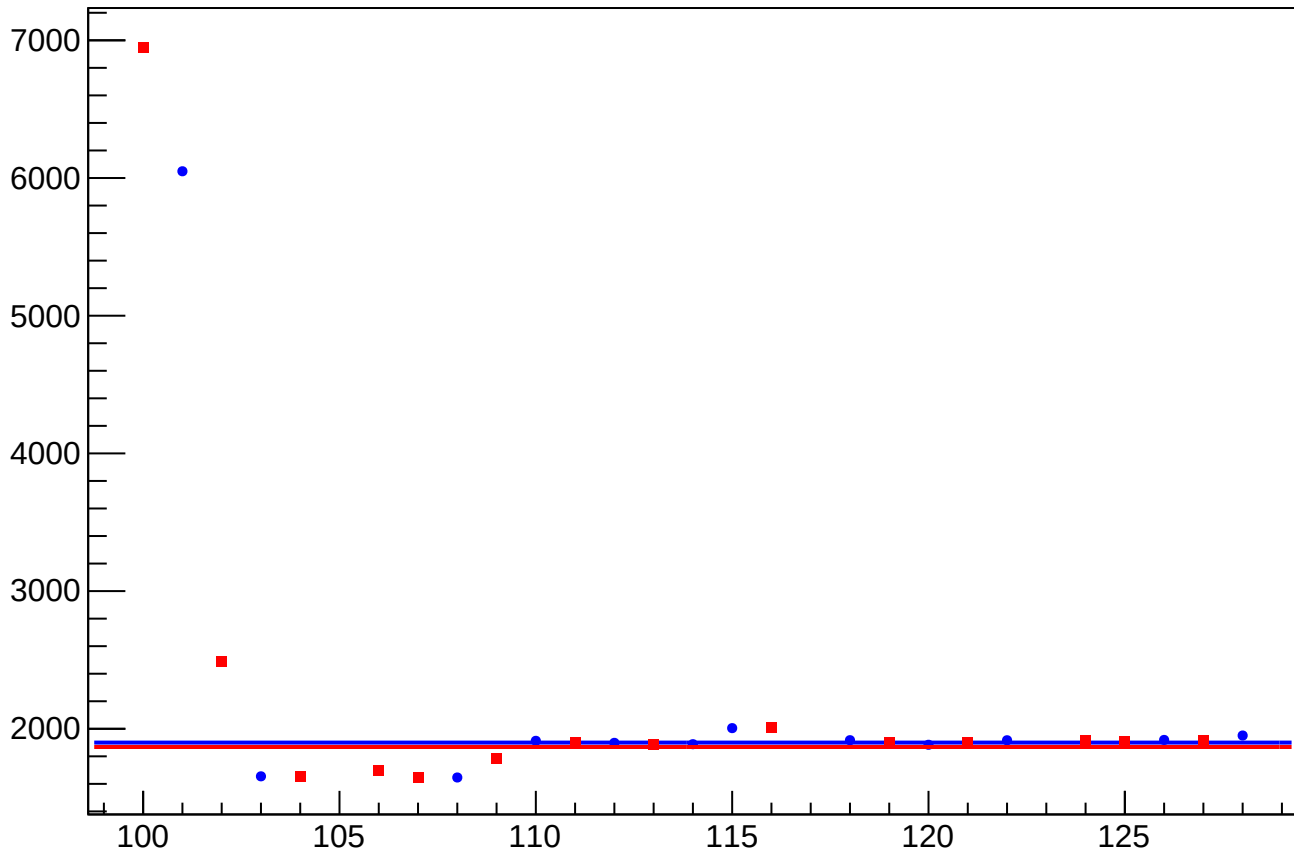
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 154.080 $\pm$ 600.123 χ^2 /NDF: 36.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atr_avg_rms vs Slug



Right In: 1899.855+/-0.621 χ^2/NDF : 664149.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1867.817+/-0.580 χ^2/NDF : 173716.2/13

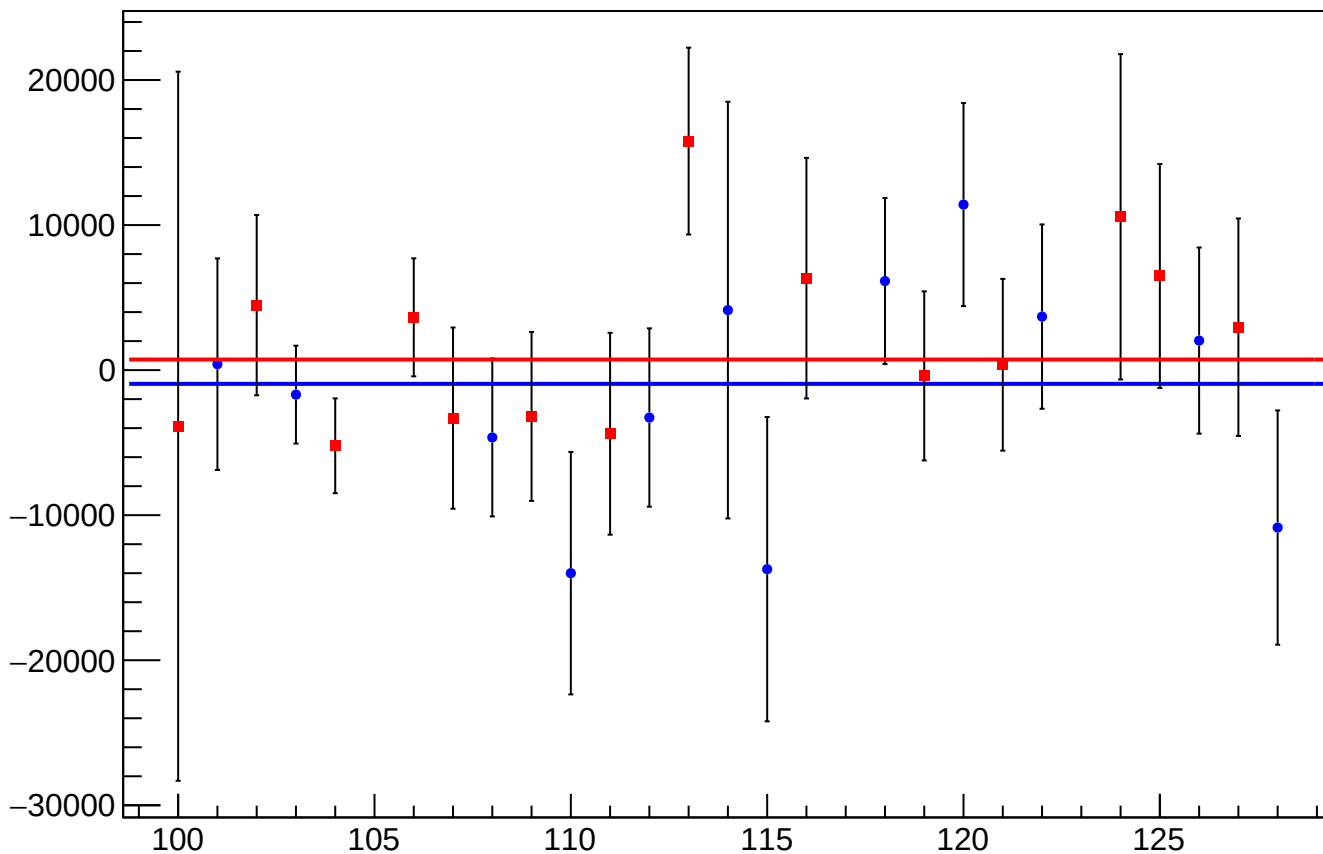
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1882.735+/-0.424 χ^2/NDF : 839286.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_cor_correction_mean vs Slug



Right In: -947.599+/-1794.778 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 729.385+/-1588.280 χ^2/NDF : 13.0/13

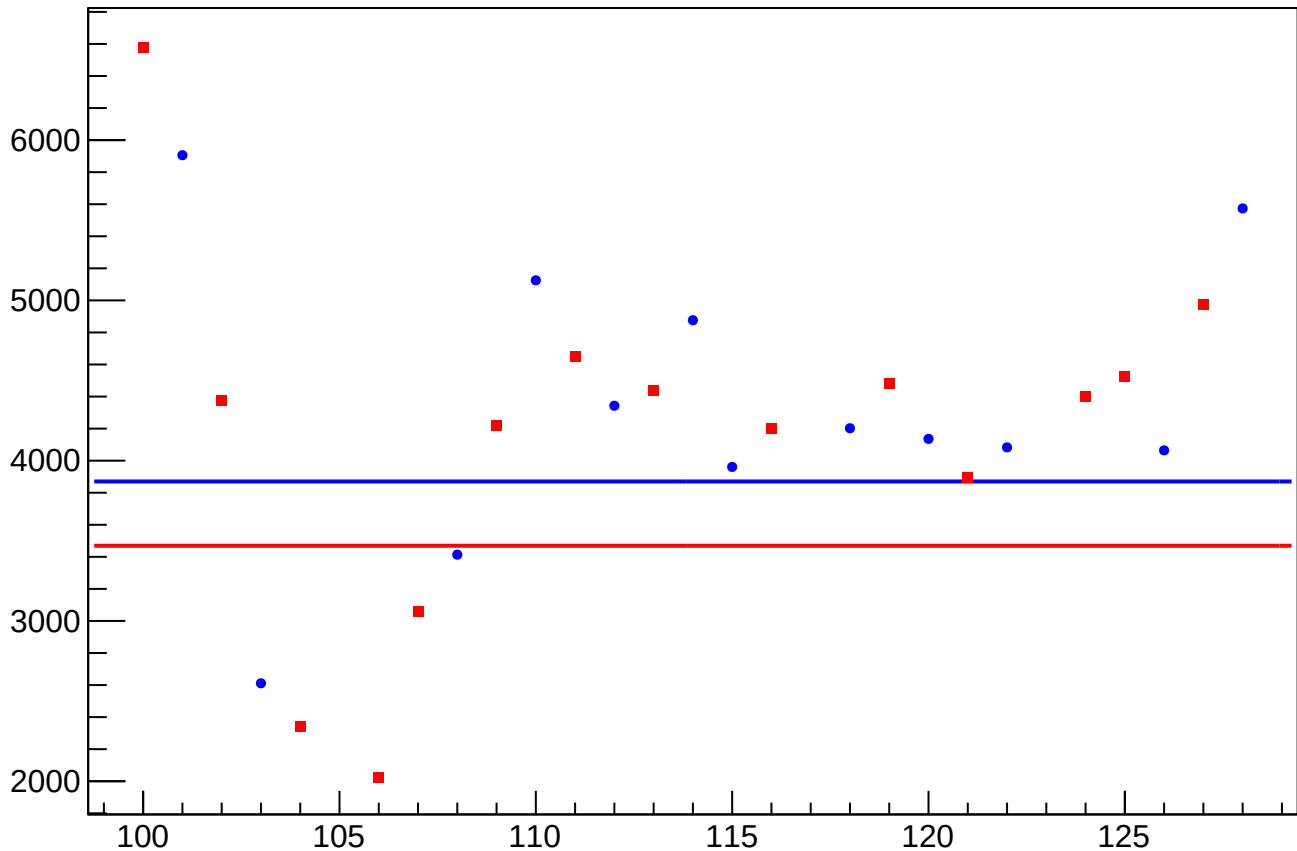
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.126+/-1189.422 χ^2/NDF : 25.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_cor_correction_rms vs Slug



Right In: 3870.234+/-1.269 χ^2/NDF : 618150.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3469.169+/-1.123 χ^2/NDF : 927300.8/13

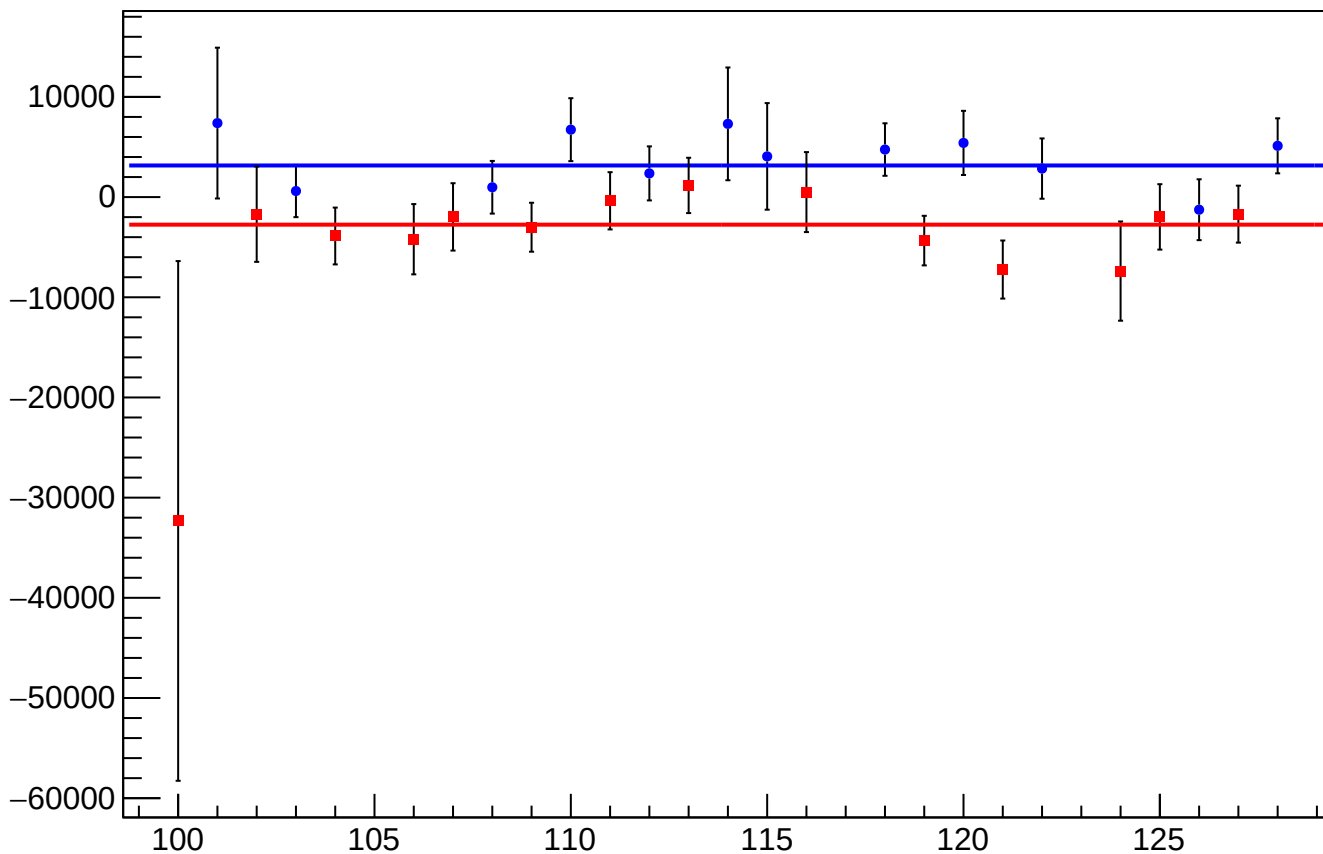
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3645.312+/-0.841 χ^2/NDF : 1601460.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr_avg_mean vs Slug



Right In: 3155.817 $\pm$ 909.214 χ^2 /NDF: 7.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2752.832 $\pm$ 856.155 χ^2 /NDF: 9.0/13

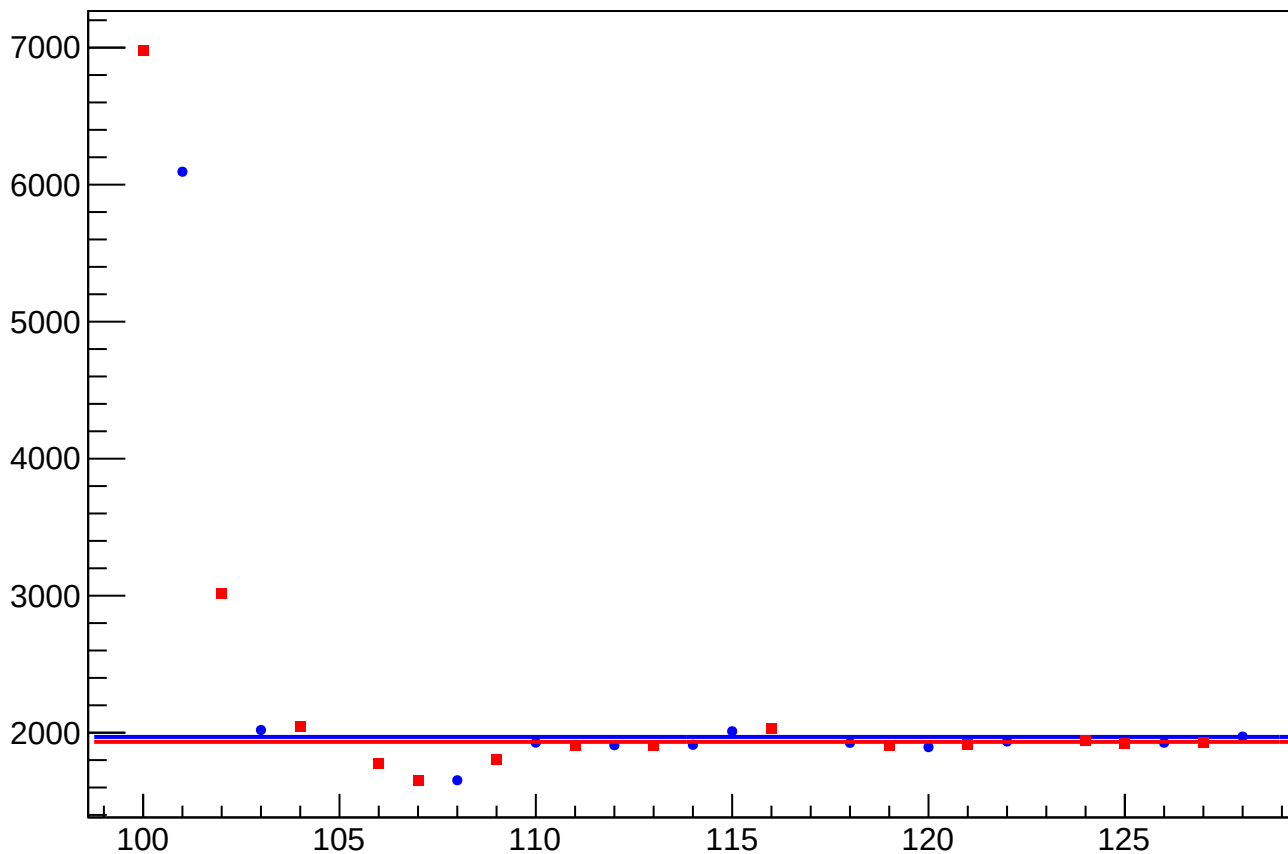
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.064 $\pm$ 623.307 χ^2 /NDF: 38.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atr_avg_rms vs Slug



Right In: 1969.223+/-0.643 χ^2/NDF : 634258.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1933.128+/-0.605 χ^2/NDF : 208679.0/13

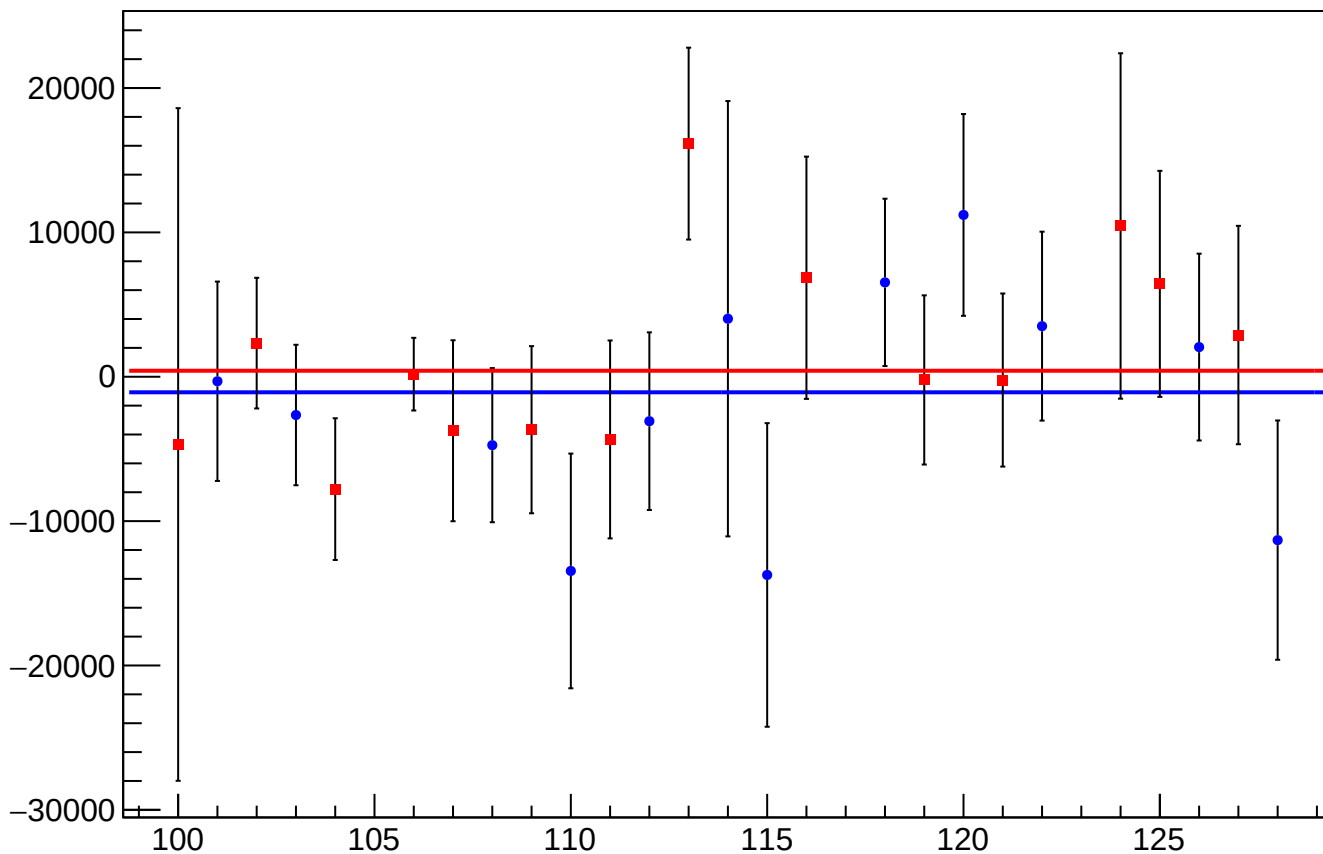
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1950.071+/-0.440 χ^2/NDF : 844610.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_correction_mean vs Slug



Right In: -1076.823 ± 1941.351 χ^2/NDF : 11.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 416.518 ± 1472.456 χ^2/NDF : 12.1/13

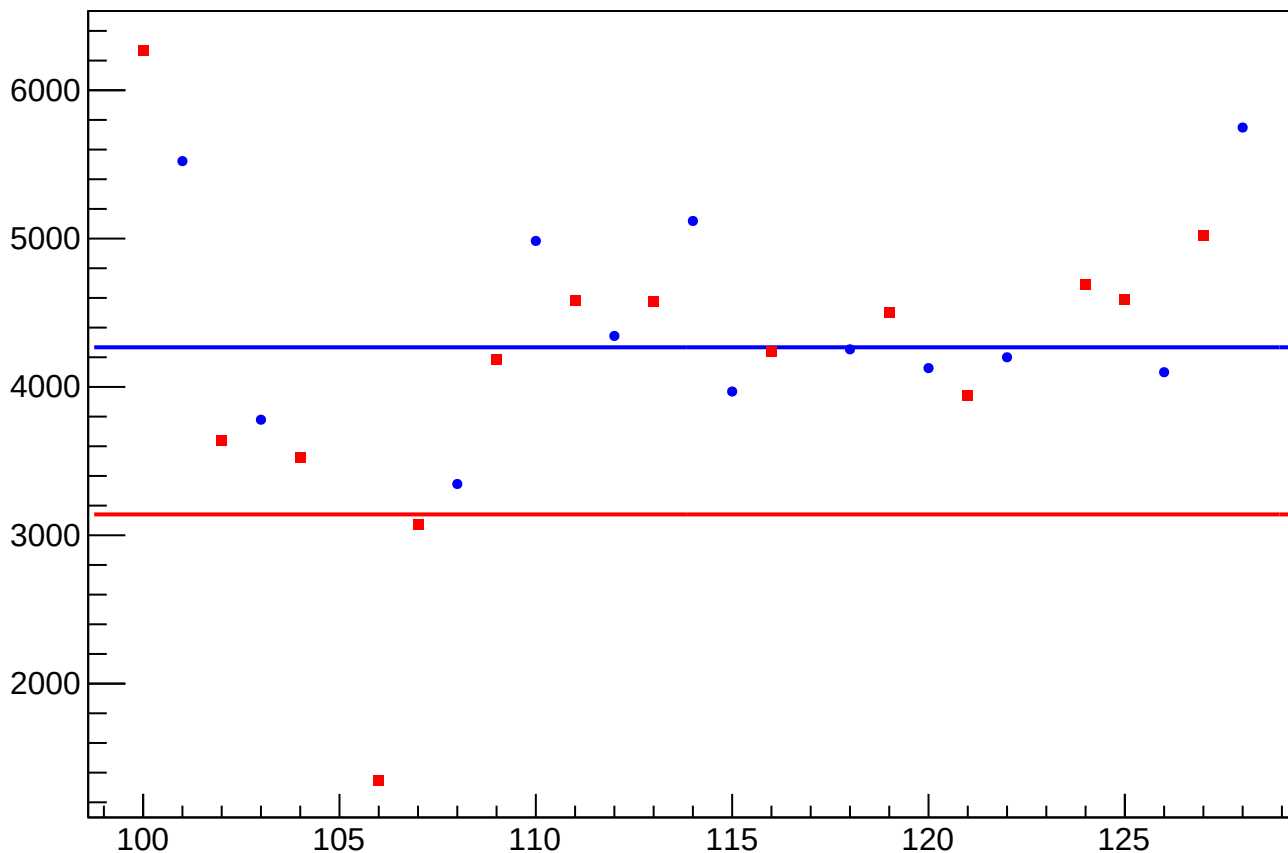
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -128.837 ± 1173.178 χ^2/NDF : 24.1/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_correction_rms vs Slug



Right In: 4267.279+/-1.373 χ^2/NDF : 235898.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

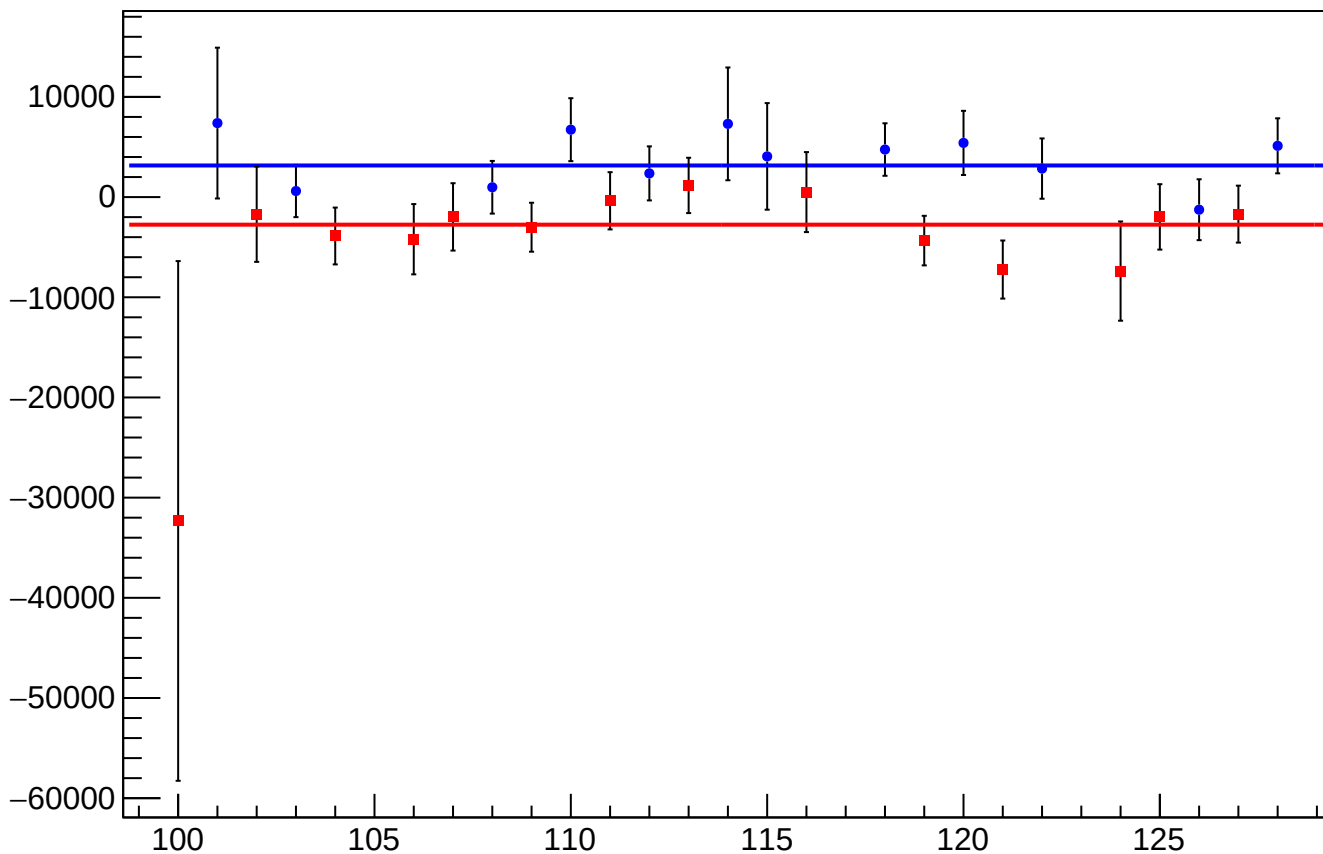
Right Out: 3140.708+/-1.041 χ^2/NDF : 1739416.5/13

All: 3552.121+/-0.830 χ^2/NDF : 2402860.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr_avg_mean vs Slug



Right In: 3155.820+/-909.214 χ^2/NDF : 7.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2752.838+/-856.154 χ^2/NDF : 9.0/13

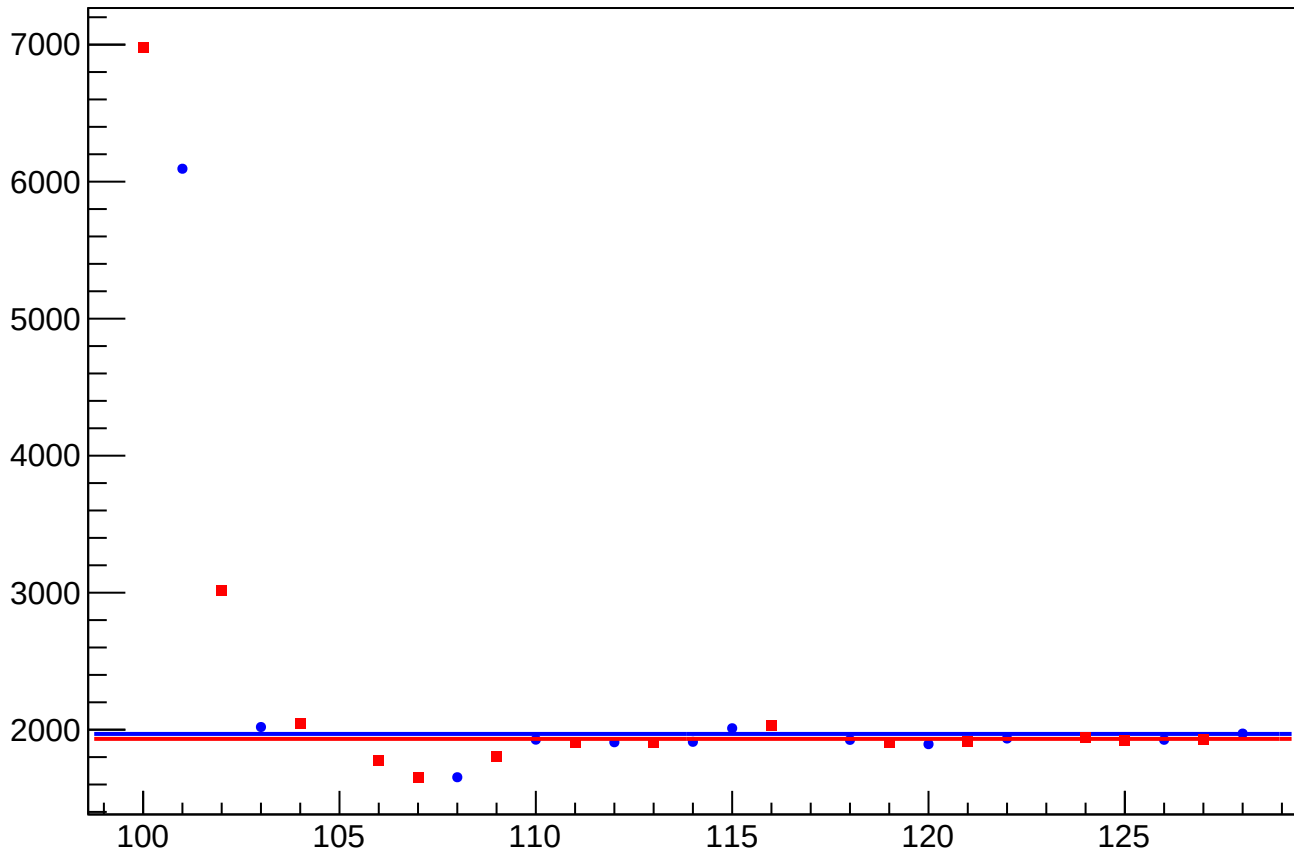
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.063+/-623.307 χ^2/NDF : 38.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr_avg_rms vs Slug



Right In: 1969.223+/-0.643 χ^2/NDF : 634258.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

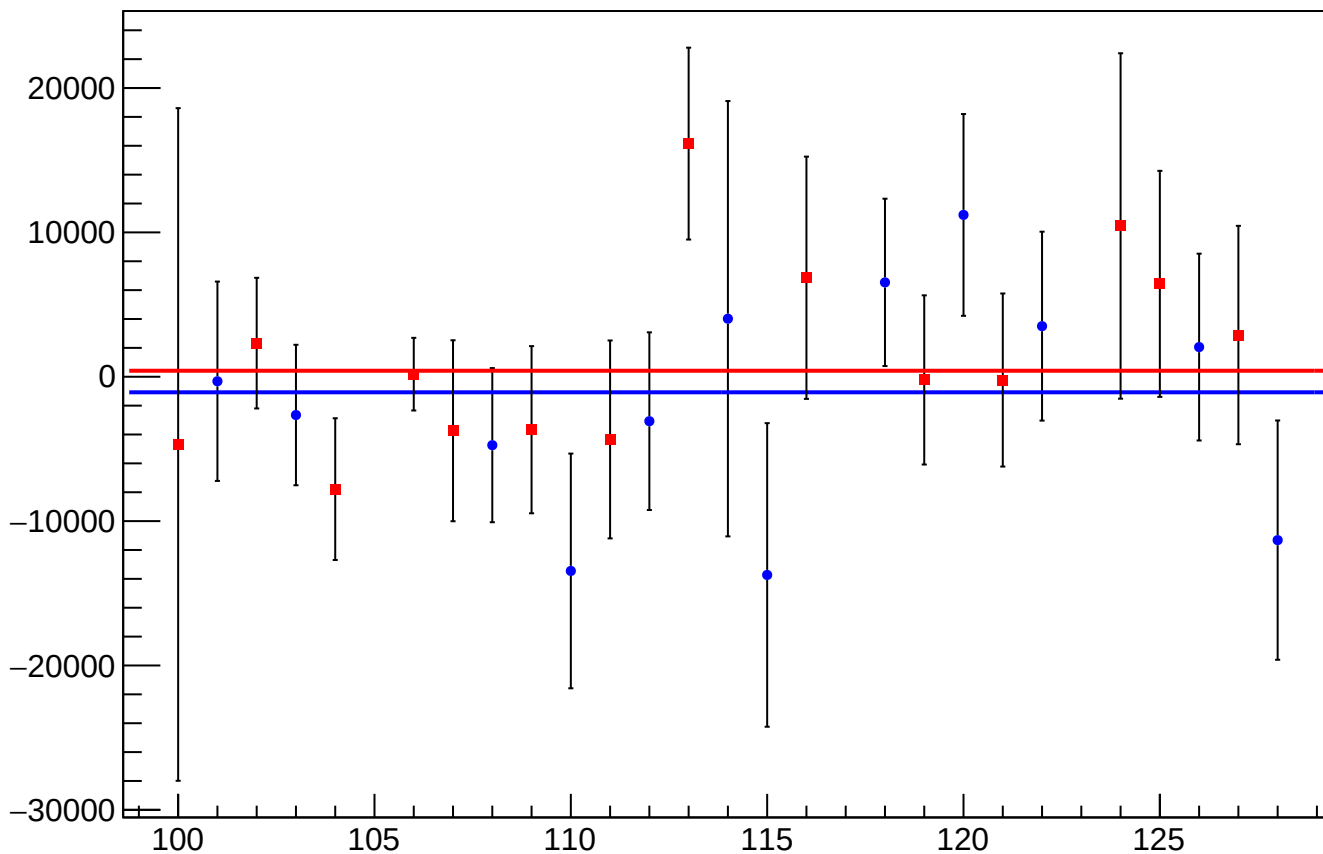
Right Out: 1933.128+/-0.605 χ^2/NDF : 208678.6/13

All: 1950.070+/-0.440 χ^2/NDF : 844609.9/25

- 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_dit_correction_mean vs Slug



Right In: -1076.813+/-1941.346 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 416.519+/-1472.453 χ^2/NDF : 12.1/13

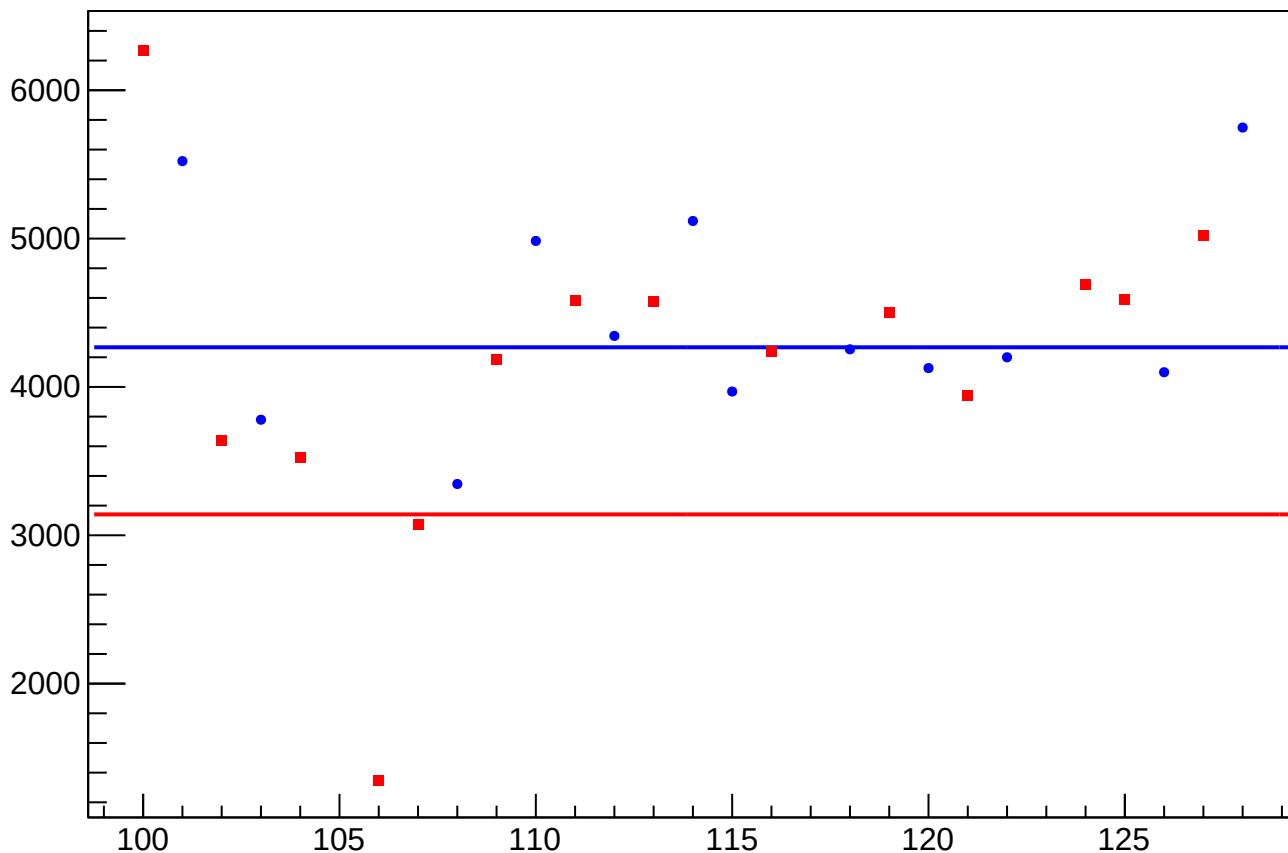
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -128.832+/-1173.175 χ^2/NDF : 24.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_dit_correction_rms vs Slug



Right In: 4267.269+/-1.373 χ^2/NDF : 235896.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

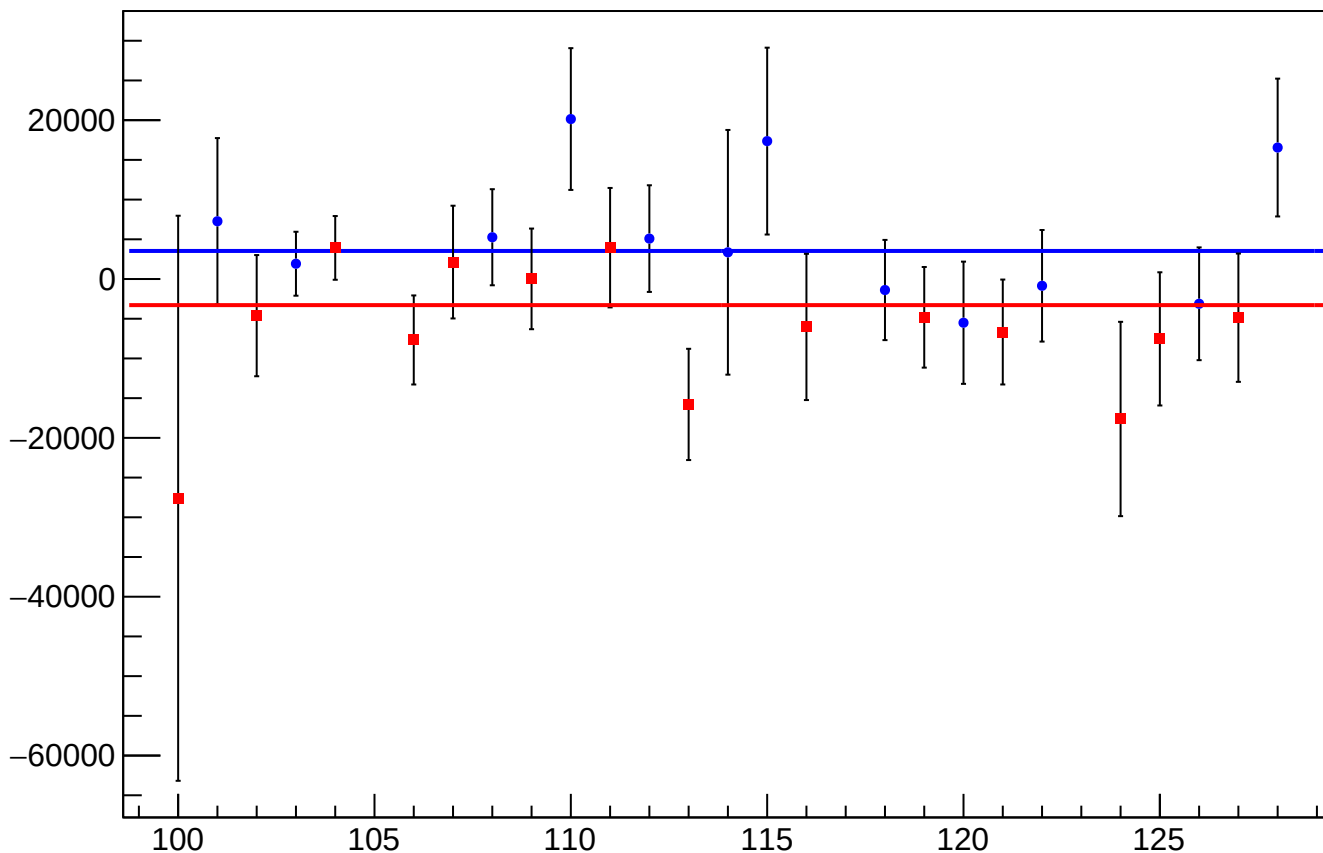
Right Out: 3140.700+/-1.041 χ^2/NDF : 1739418.5/13

All: 3552.113+/-0.830 χ^2/NDF : 2402861.0/25

- 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: 3533.576+/-2042.209 χ^2/NDF : 10.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3286.443+/-1855.035 χ^2/NDF : 11.4/13

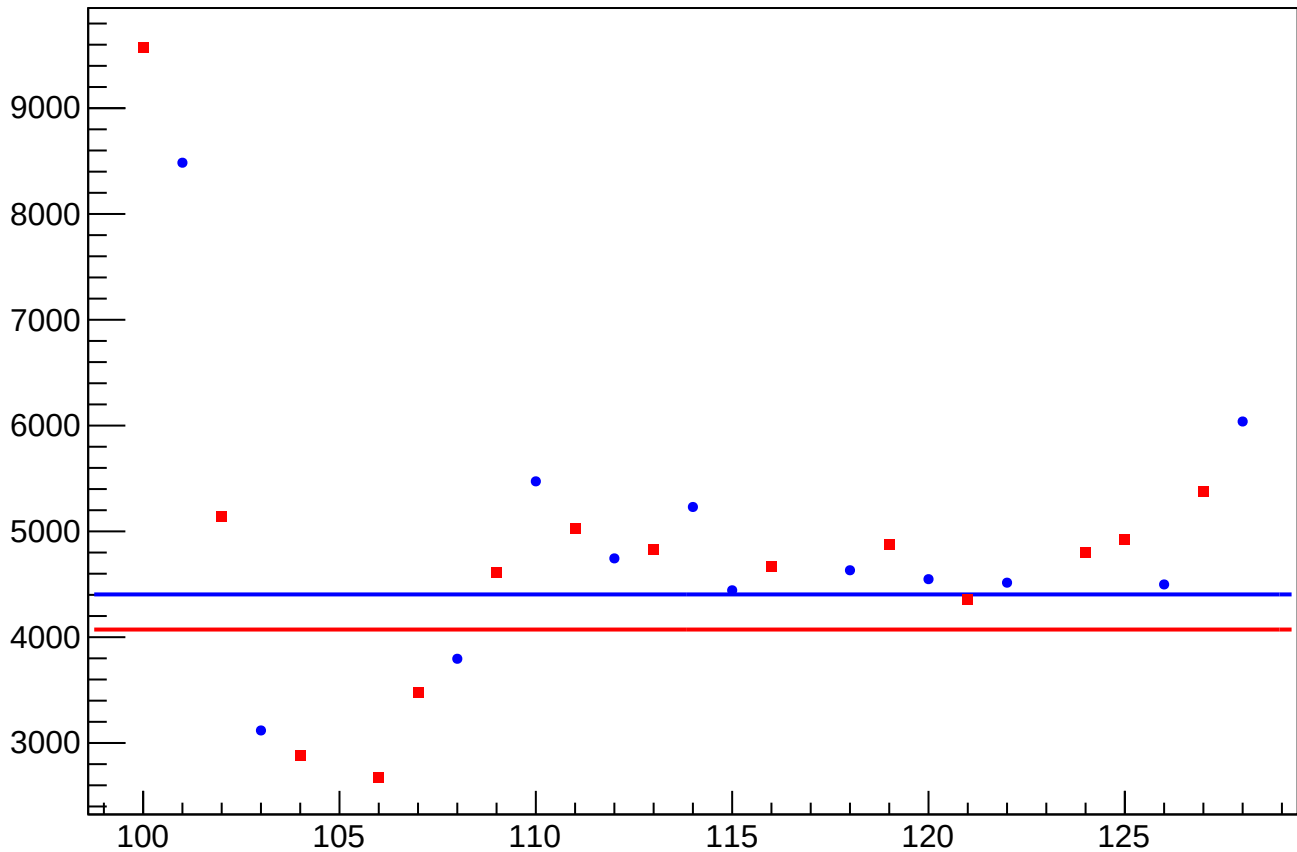
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -203.227+/-1373.123 χ^2/NDF : 28.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_rms vs Slug



Right In: 4404.153+/-1.444 χ^2/NDF : 642770.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4072.258+/-1.298 χ^2/NDF : 619218.9/13

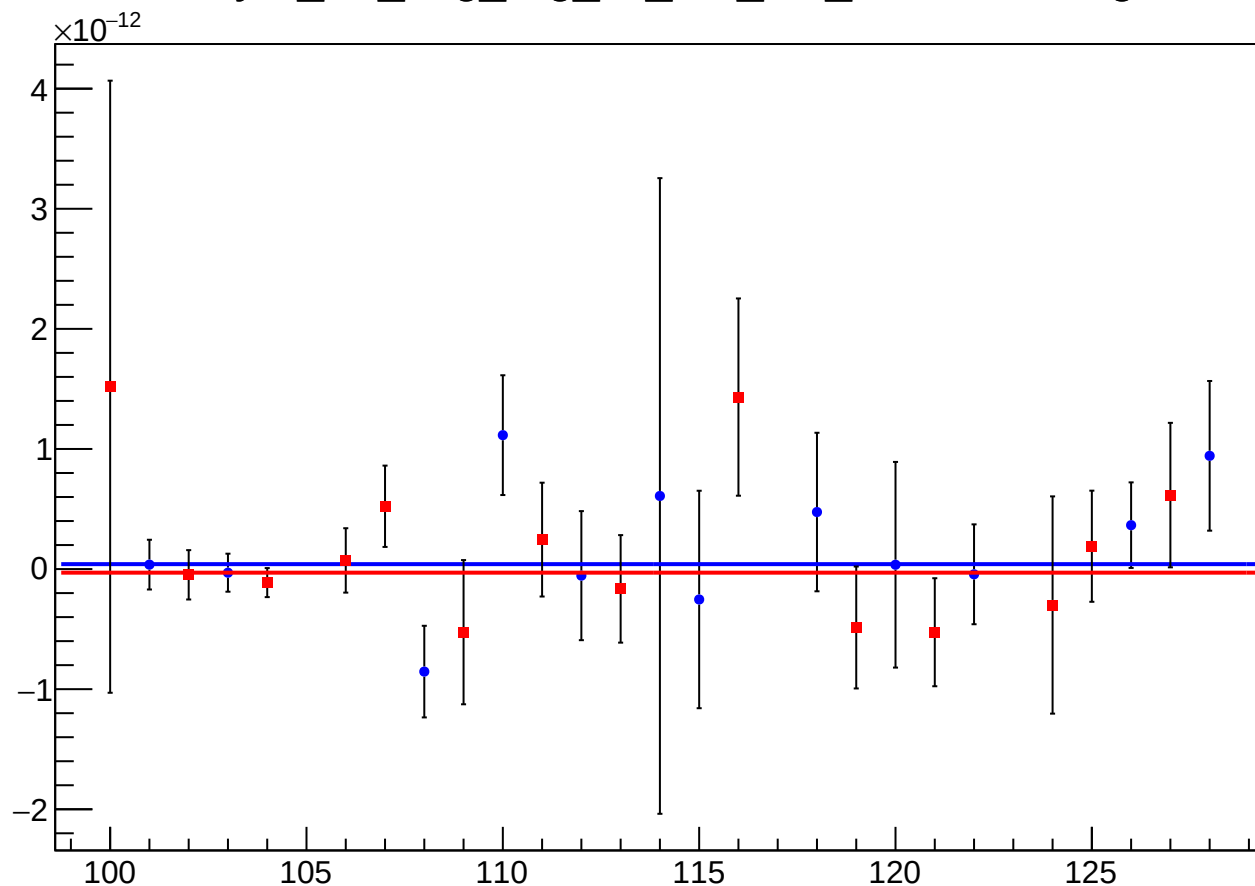
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4220.549+/-0.965 χ^2/NDF : 1291211.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 13.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.4/13

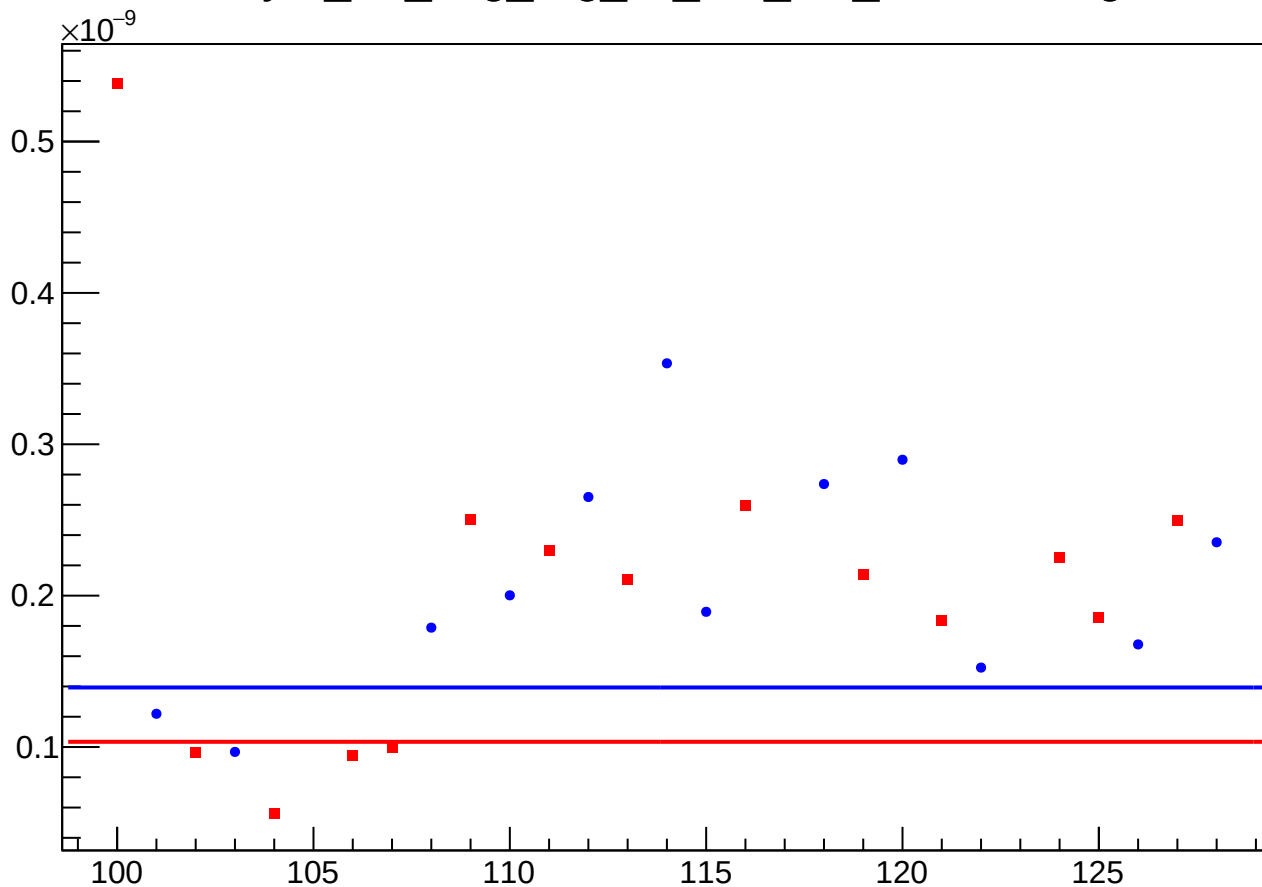
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.7/25

- 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 : 545878.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1195980.0/13

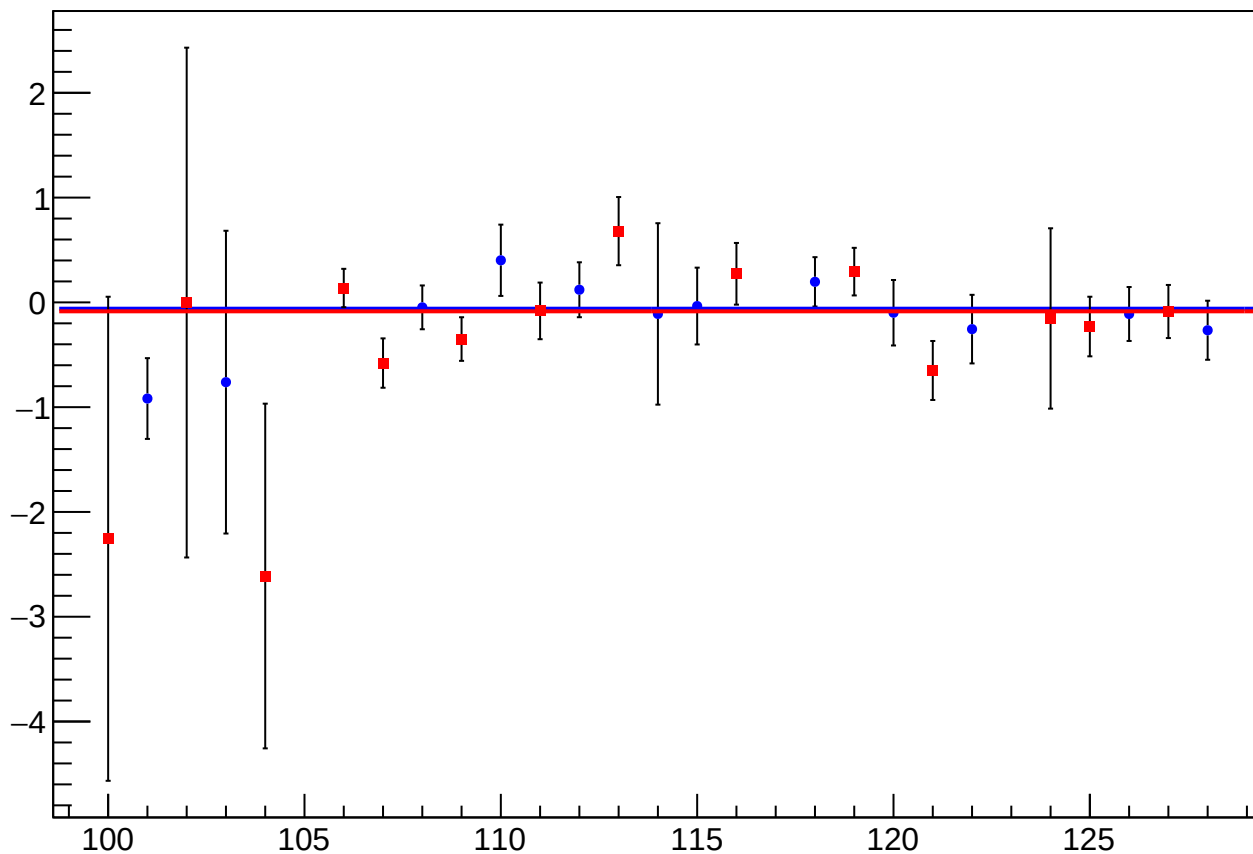
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1893812.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.060 ± 0.089 $\chi^2/\text{NDF: } 9.6/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF: } 0.0/0$

Right Out: -0.085 ± 0.077 $\chi^2/\text{NDF: } 24.8/13$

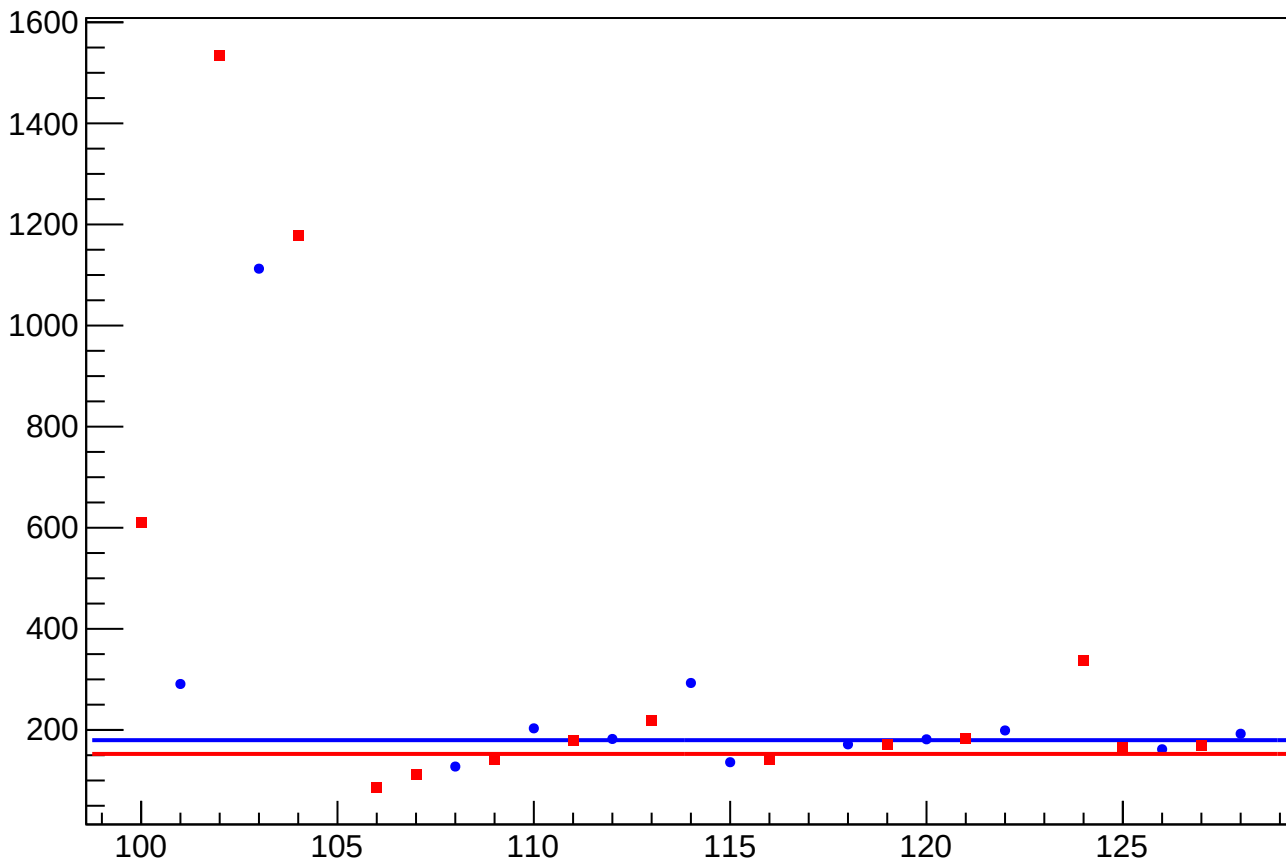
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF: } 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF: } 0.0/0$

All: -0.075 ± 0.058 $\chi^2/\text{NDF: } 34.5/25$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF: } 0.0/0$

asym_atr_avg_dit_vs_cor_diff_rms vs Slug



Right In: 179.773+/-0.063 χ^2/NDF : 1220201.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

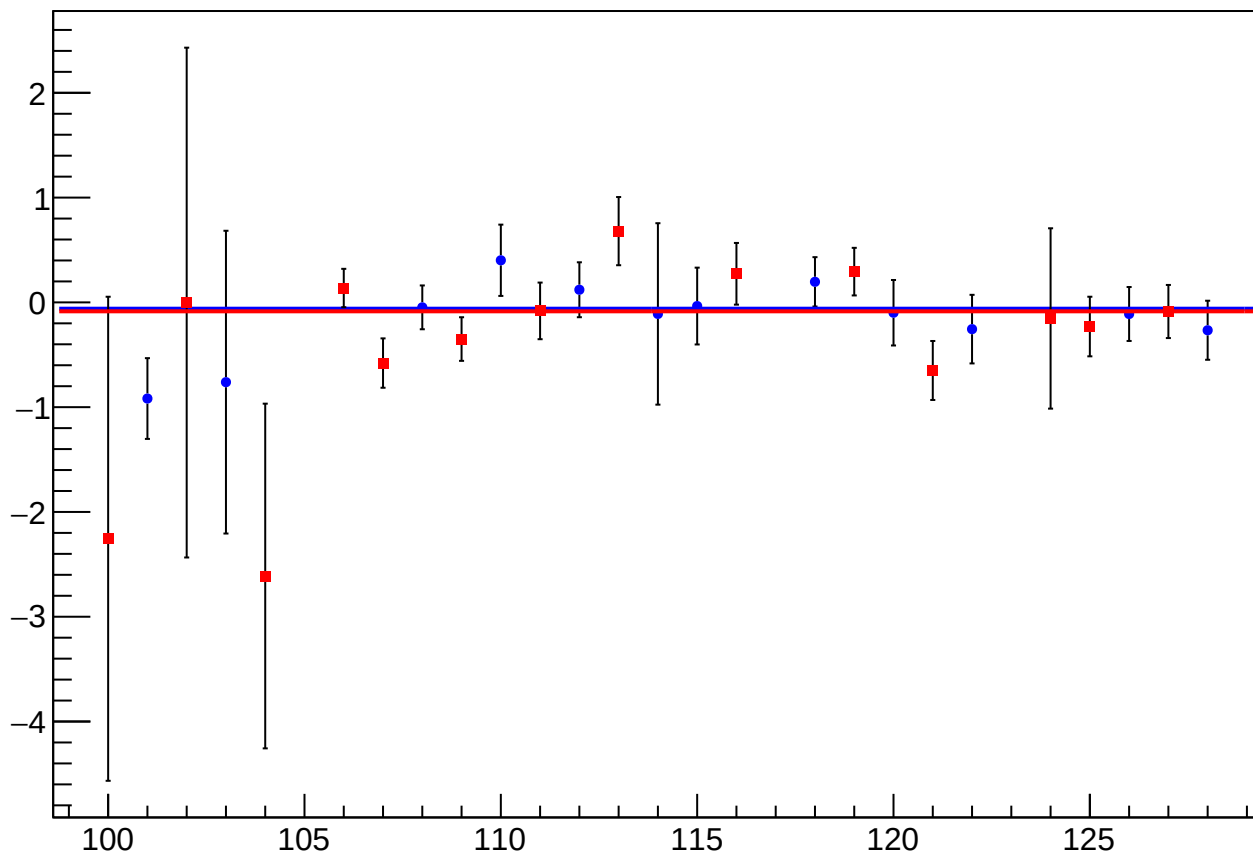
Right Out: 152.555+/-0.055 χ^2/NDF : 2078851.2/13

All: 164.309+/-0.041 χ^2/NDF : 3406293.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.060+/-0.089 χ^2/NDF : 9.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.085+/-0.077 χ^2/NDF : 24.8/13

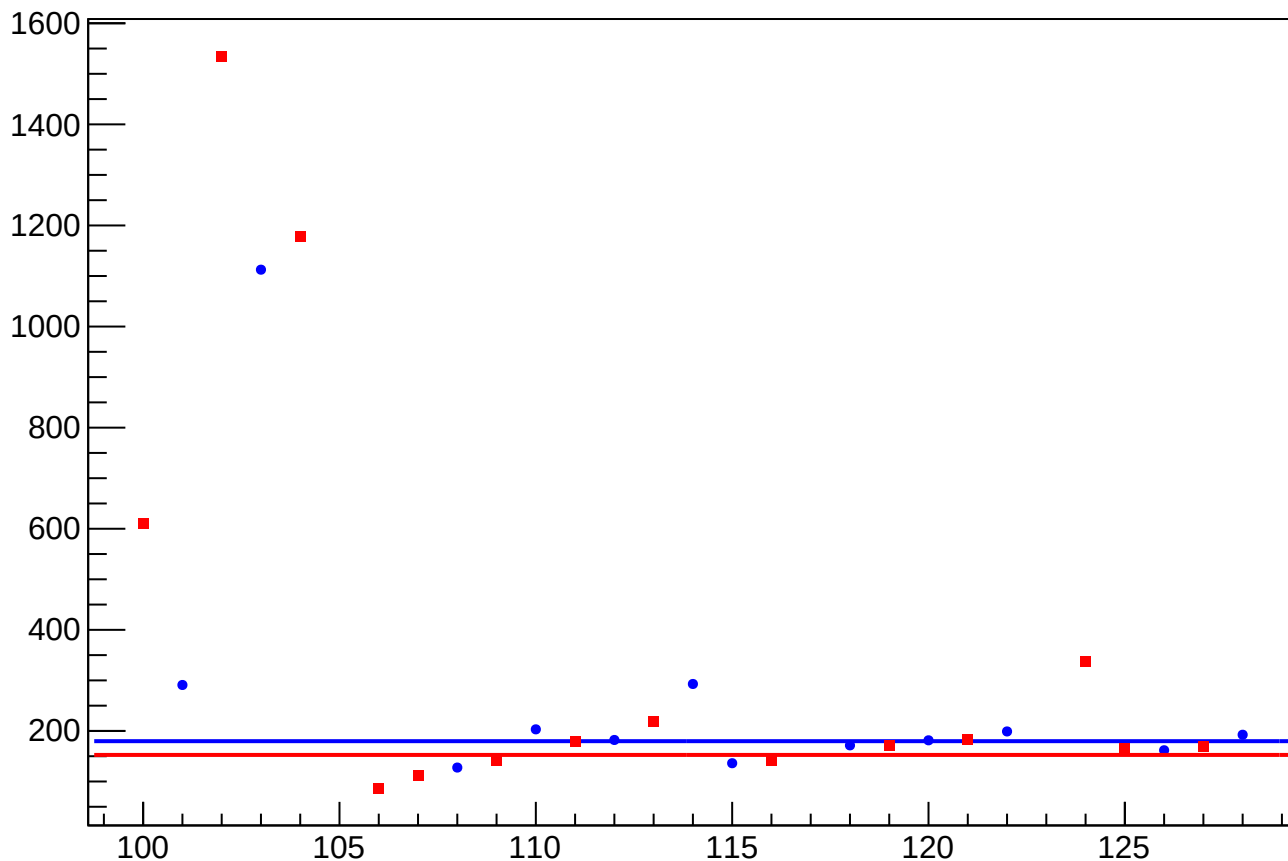
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.075+/-0.058 χ^2/NDF : 34.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 179.773+/-0.063 χ^2/NDF : 1220201.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

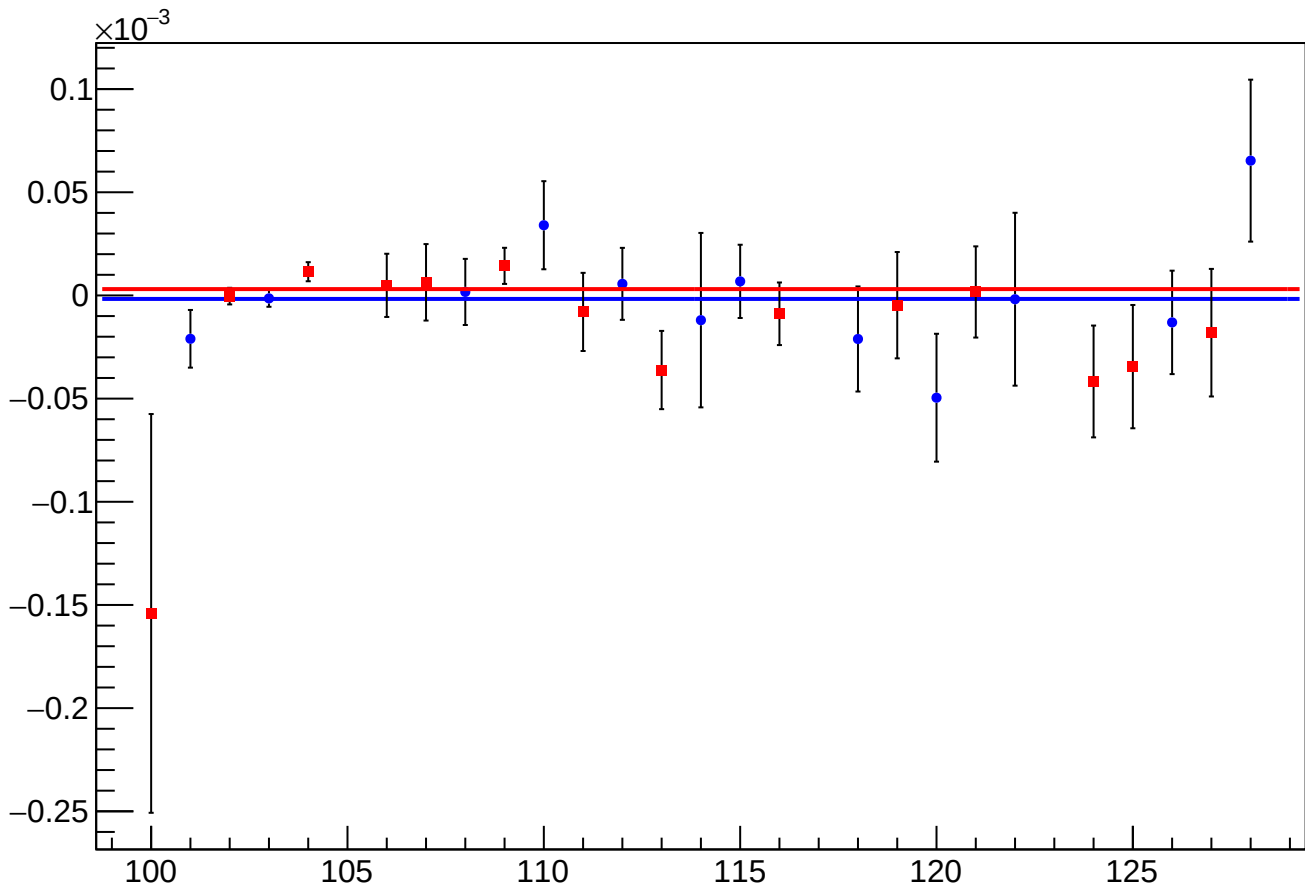
Right Out: 152.555+/-0.055 χ^2/NDF : 2078851.2/13

All: 164.309+/-0.041 χ^2/NDF : 3406293.8/25

- 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_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.5/13

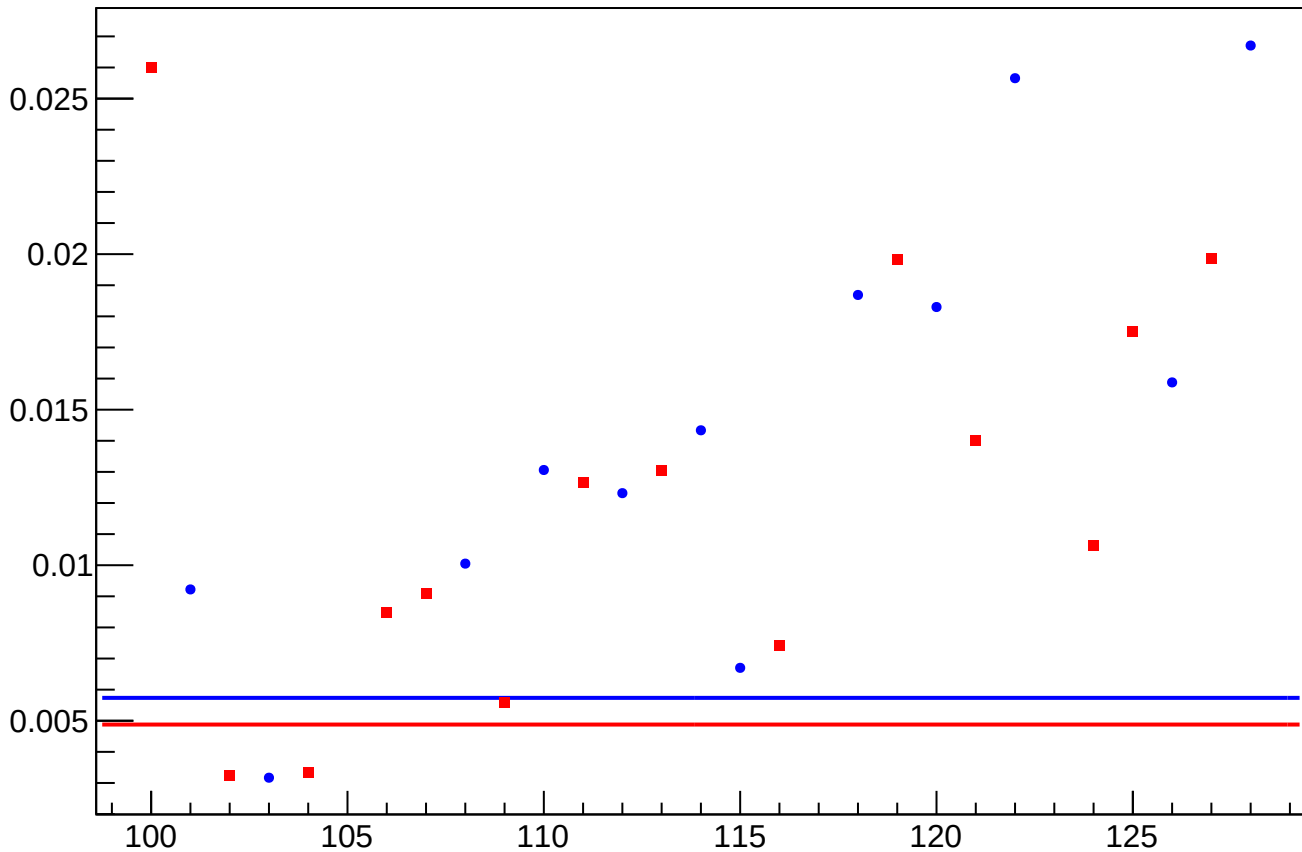
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.0/25

- 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 : 3868234.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 3575854.1/13

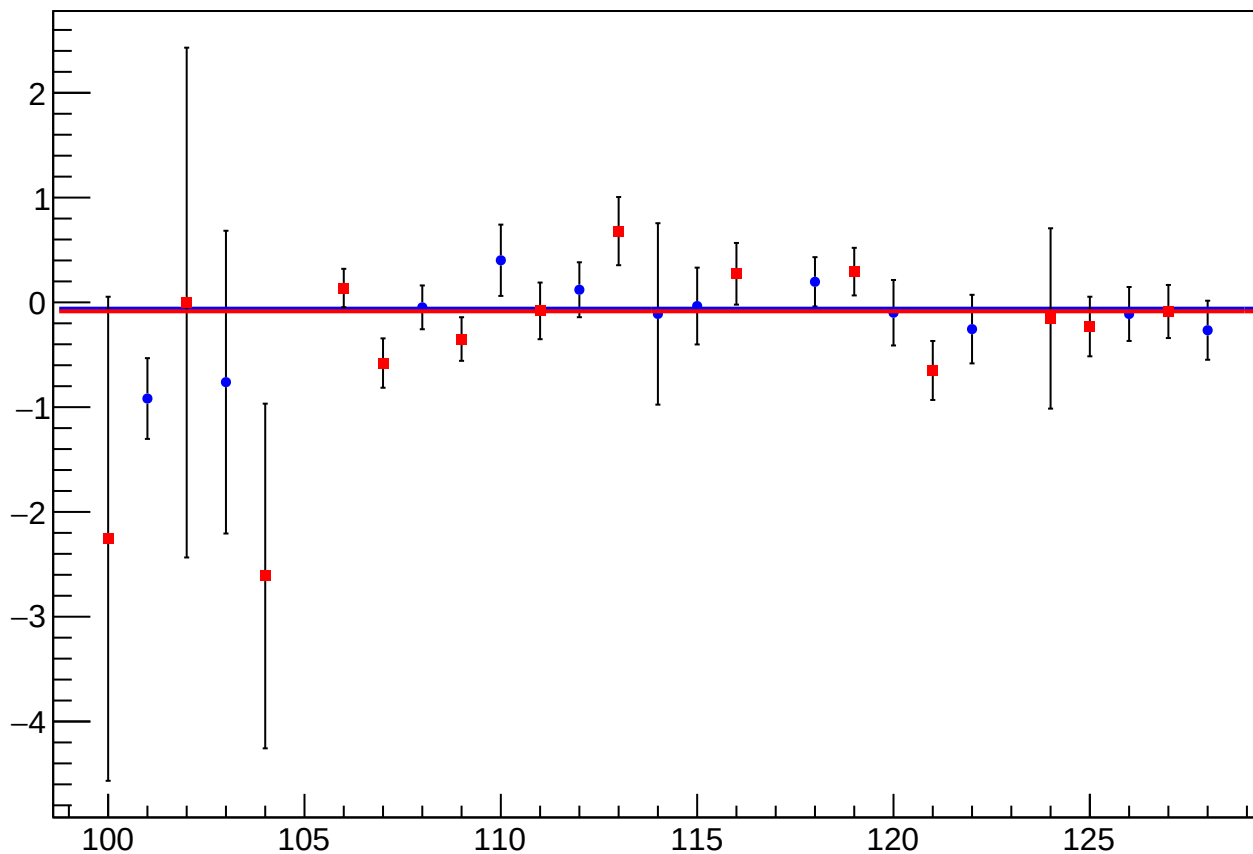
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 7522414.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.060+/-0.089 χ^2/NDF : 9.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.085+/-0.077 χ^2/NDF : 24.8/13

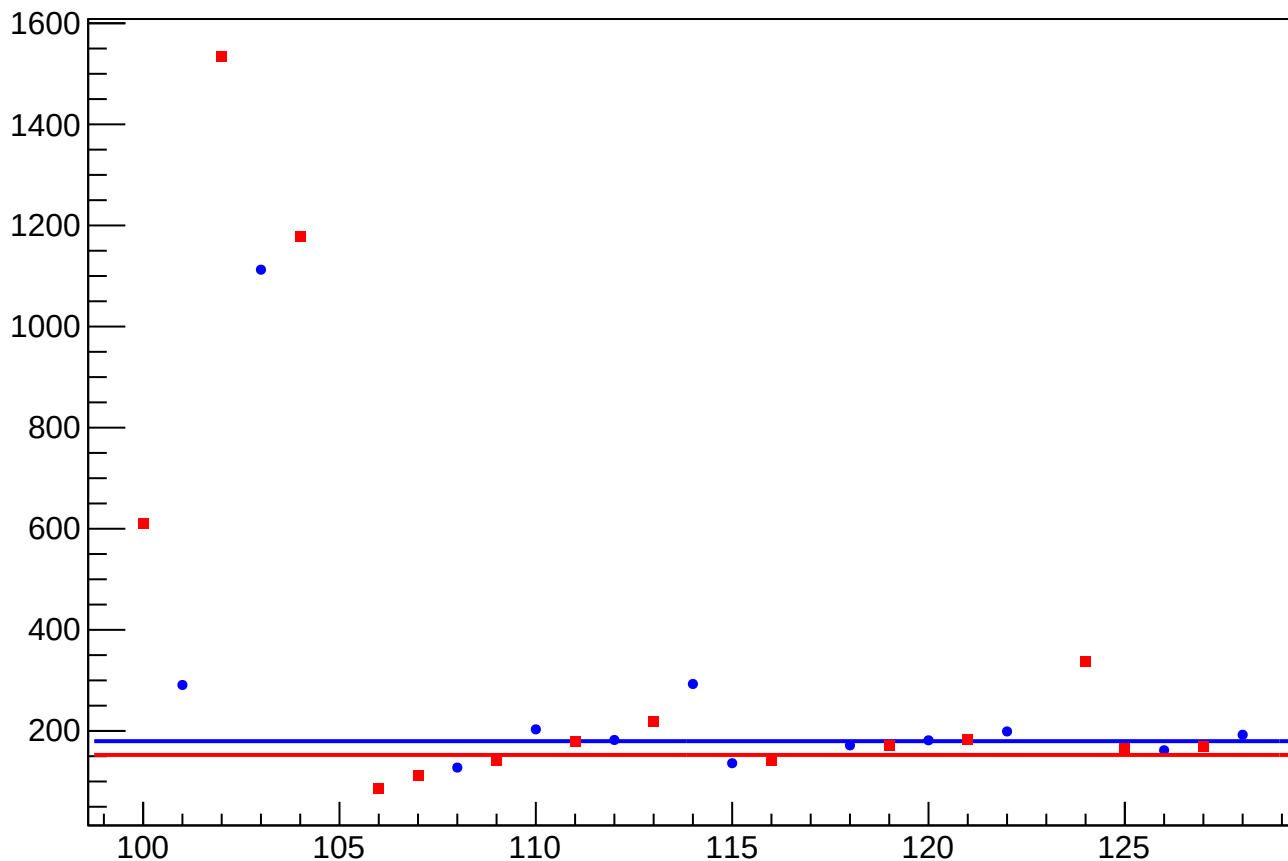
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.075+/-0.058 χ^2/NDF : 34.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 179.772+/-0.063 χ^2/NDF : 1220208.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.555+/-0.055 χ^2/NDF : 2078835.0/13

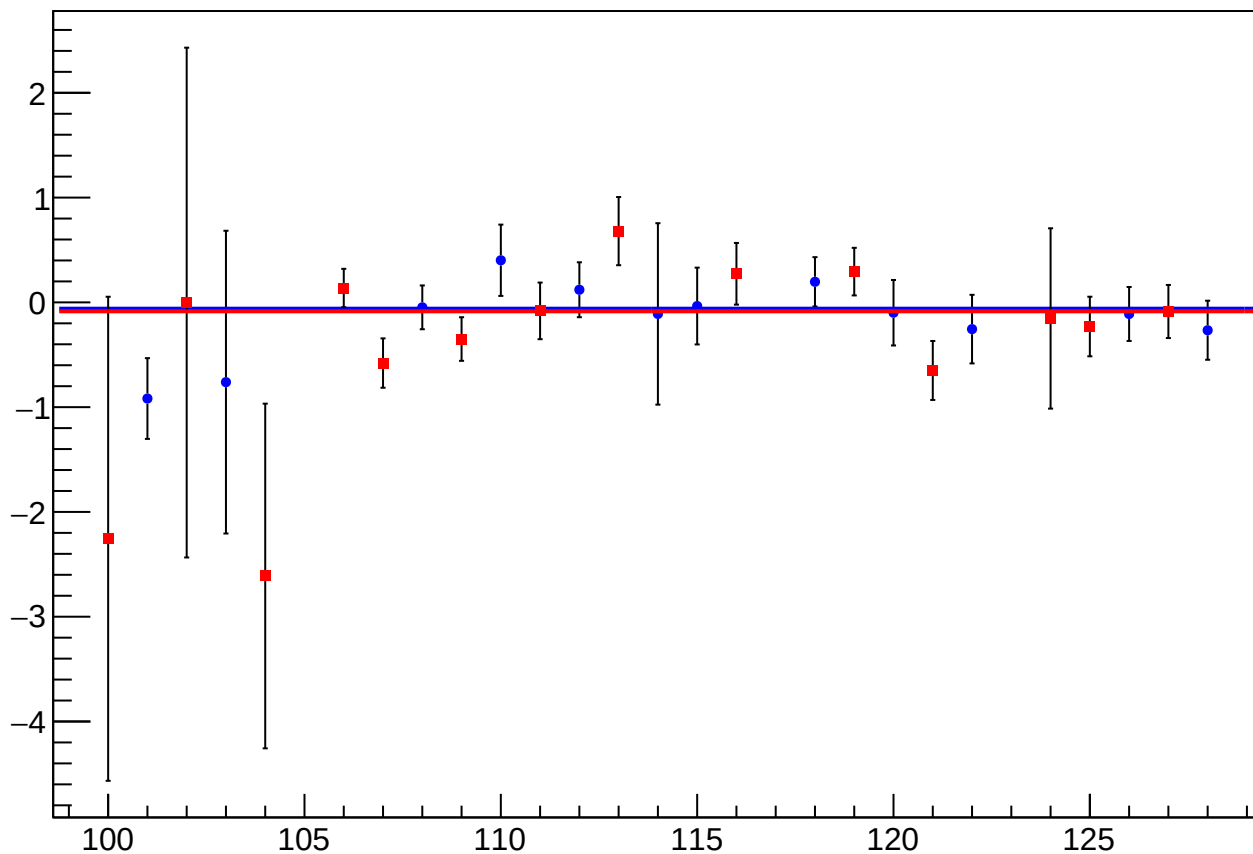
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.308+/-0.041 χ^2/NDF : 3406279.6/25

- 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: -0.060+/-0.089 χ^2/NDF : 9.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.085+/-0.077 χ^2/NDF : 24.8/13

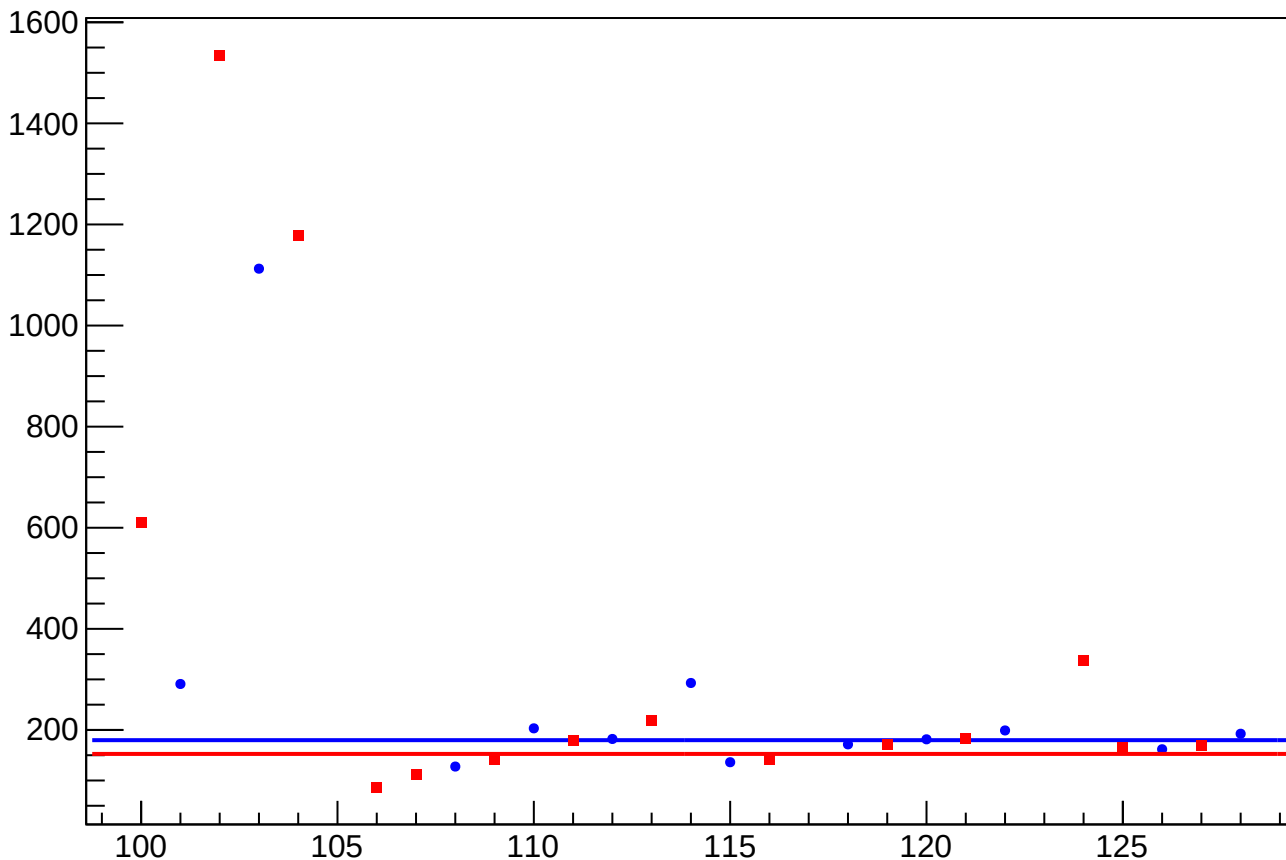
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.075+/-0.058 χ^2/NDF : 34.5/25

- 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: 179.772 $\pm$ 0.063 χ^2 /NDF: 1220208.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

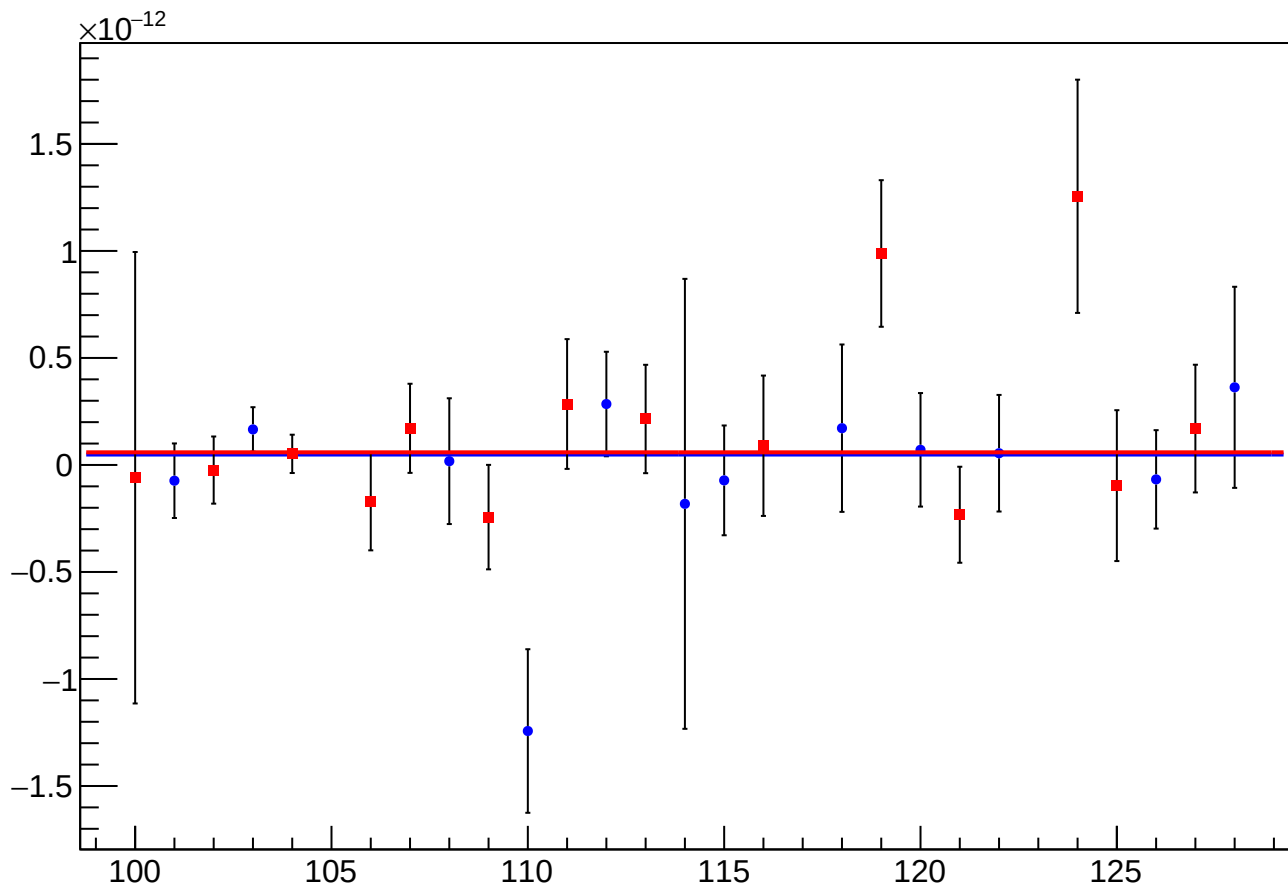
Right Out: 152.555 $\pm$ 0.055 χ^2 /NDF: 2078835.0/13

All: 164.308 $\pm$ 0.041 χ^2 /NDF: 3406279.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 15.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.3/13

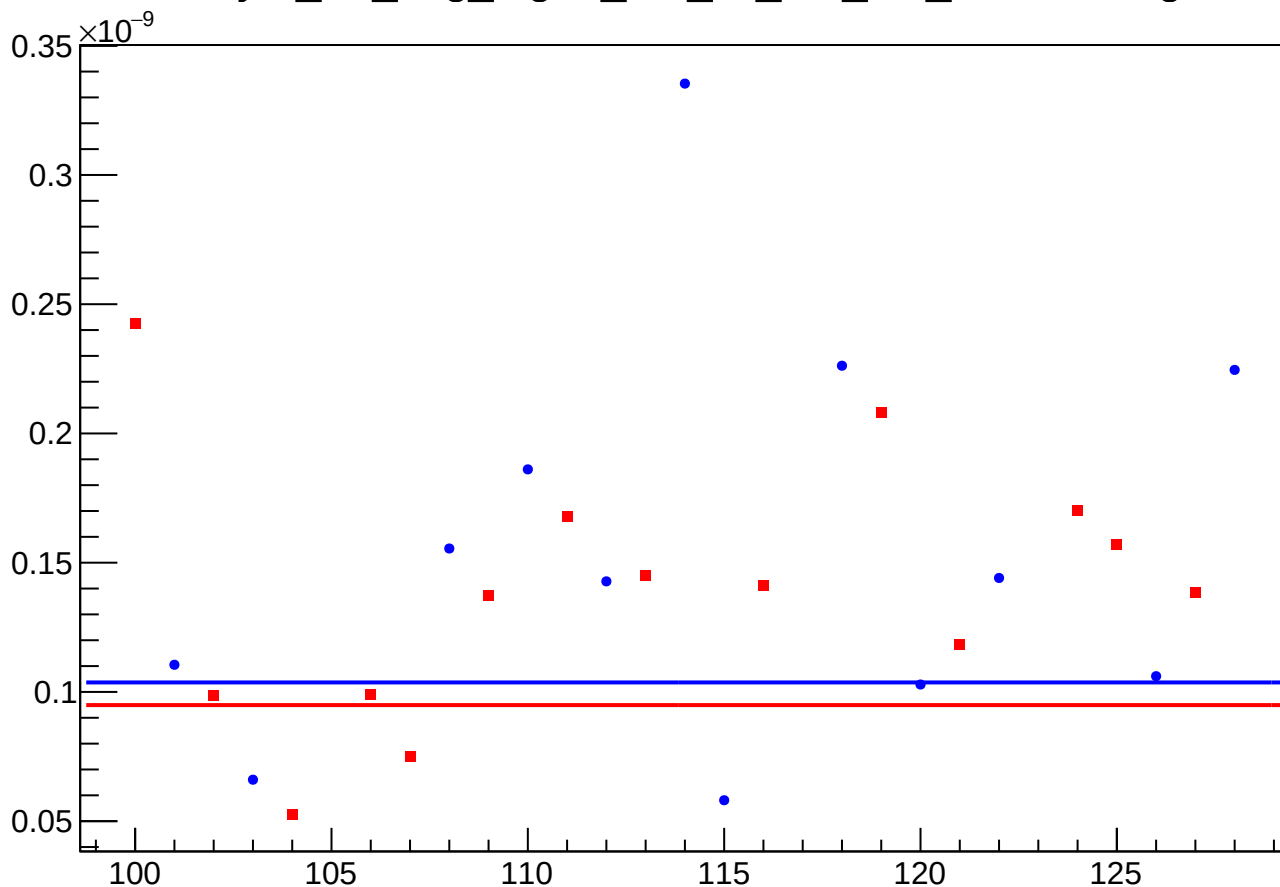
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1005787.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1185317.7/13

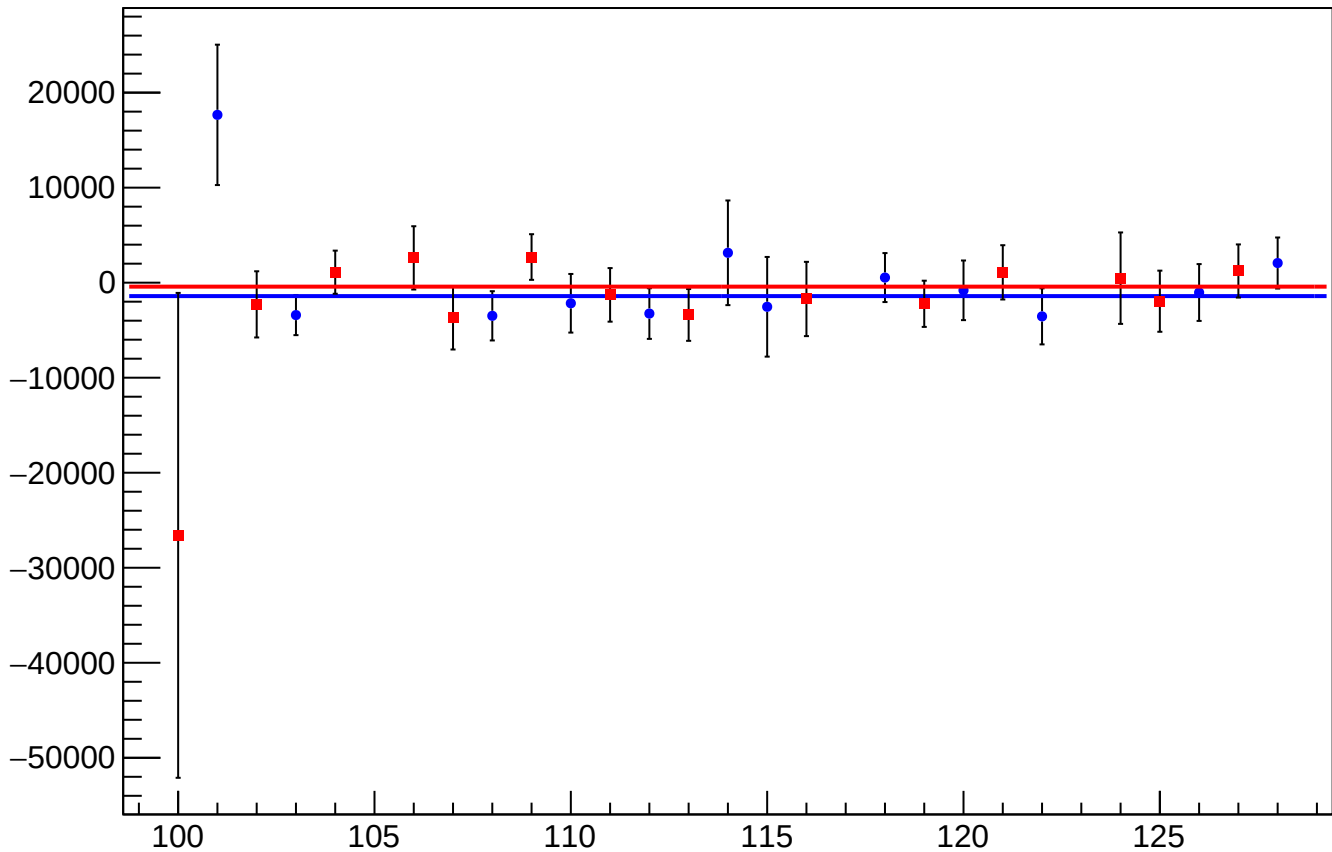
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2211688.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_mean vs Slug



Right In: -1413.289 $\pm$ 869.051 χ^2 /NDF: 12.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -417.292 $\pm$ 811.535 χ^2 /NDF: 8.1/13

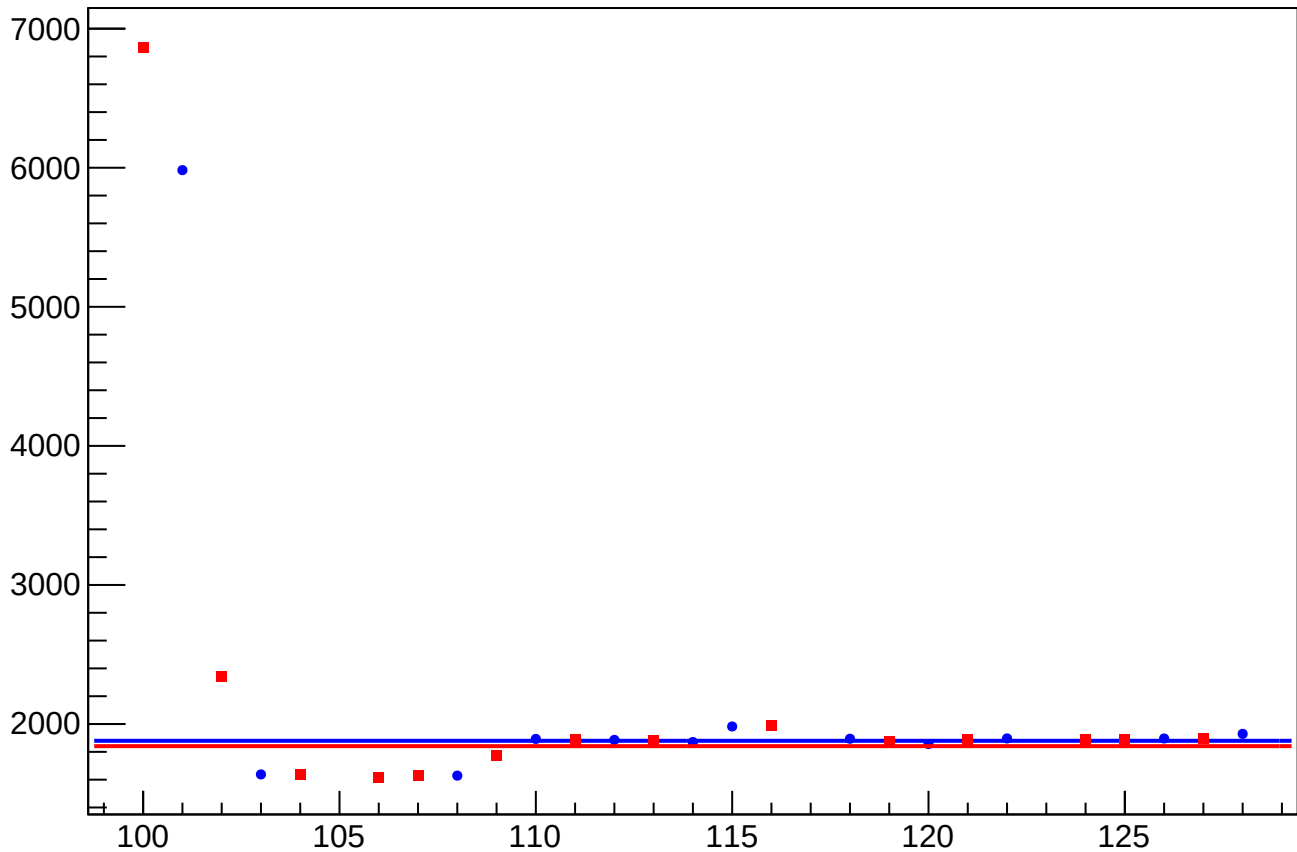
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -881.244 $\pm$ 593.134 χ^2 /NDF: 21.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_dd_rms vs Slug



Right In: 1879.510+/-0.615 χ^2/NDF : 663816.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1840.912+/-0.571 χ^2/NDF : 162484.2/13

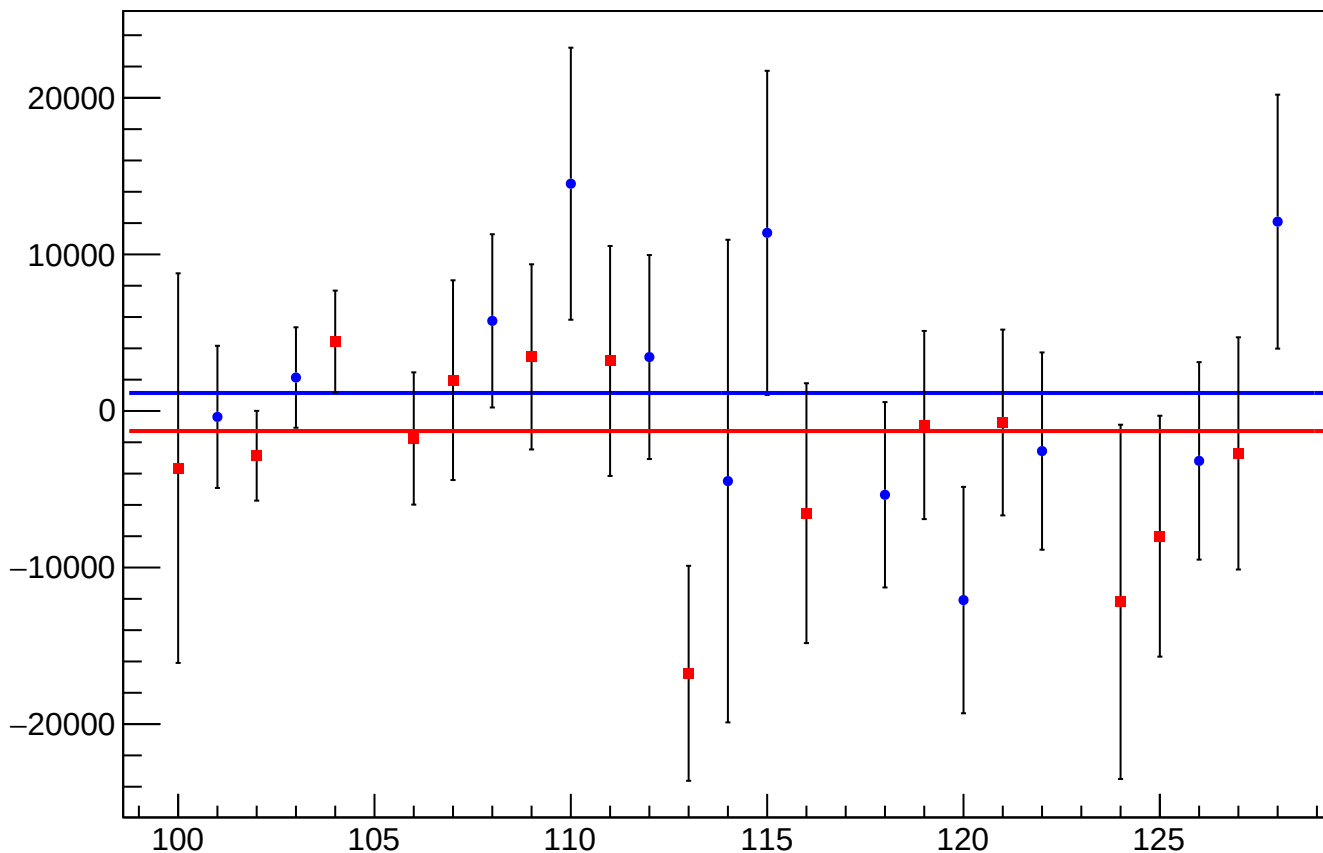
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1858.805+/-0.418 χ^2/NDF : 828416.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_reg_correction_mean vs Slug



Right In: 1150.669+/-1710.201 χ^2/NDF : 11.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1279.690+/-1435.847 χ^2/NDF : 11.9/13

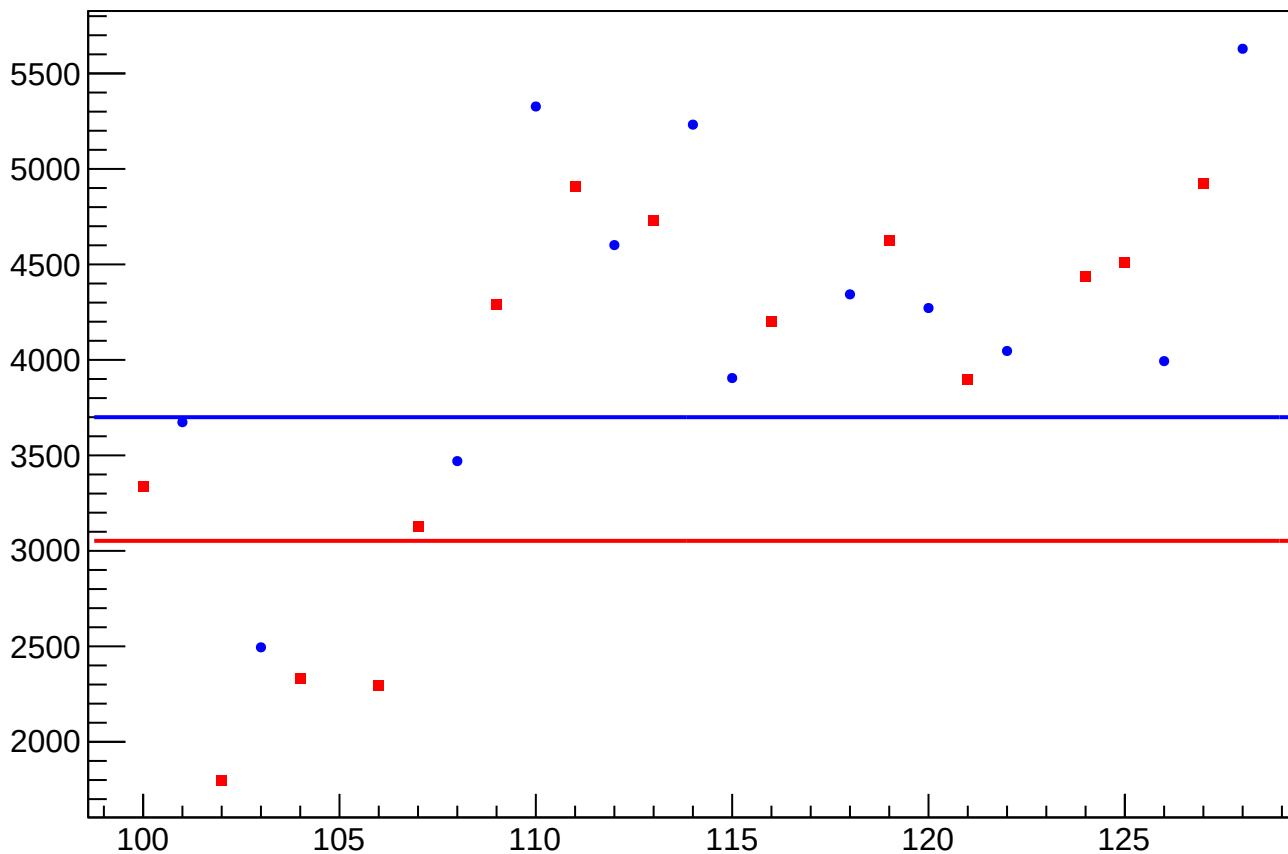
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -274.853+/-1099.663 χ^2/NDF : 24.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_reg_correction_rms vs Slug



Right In: 3699.977+/-1.209 χ^2/NDF : 574346.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

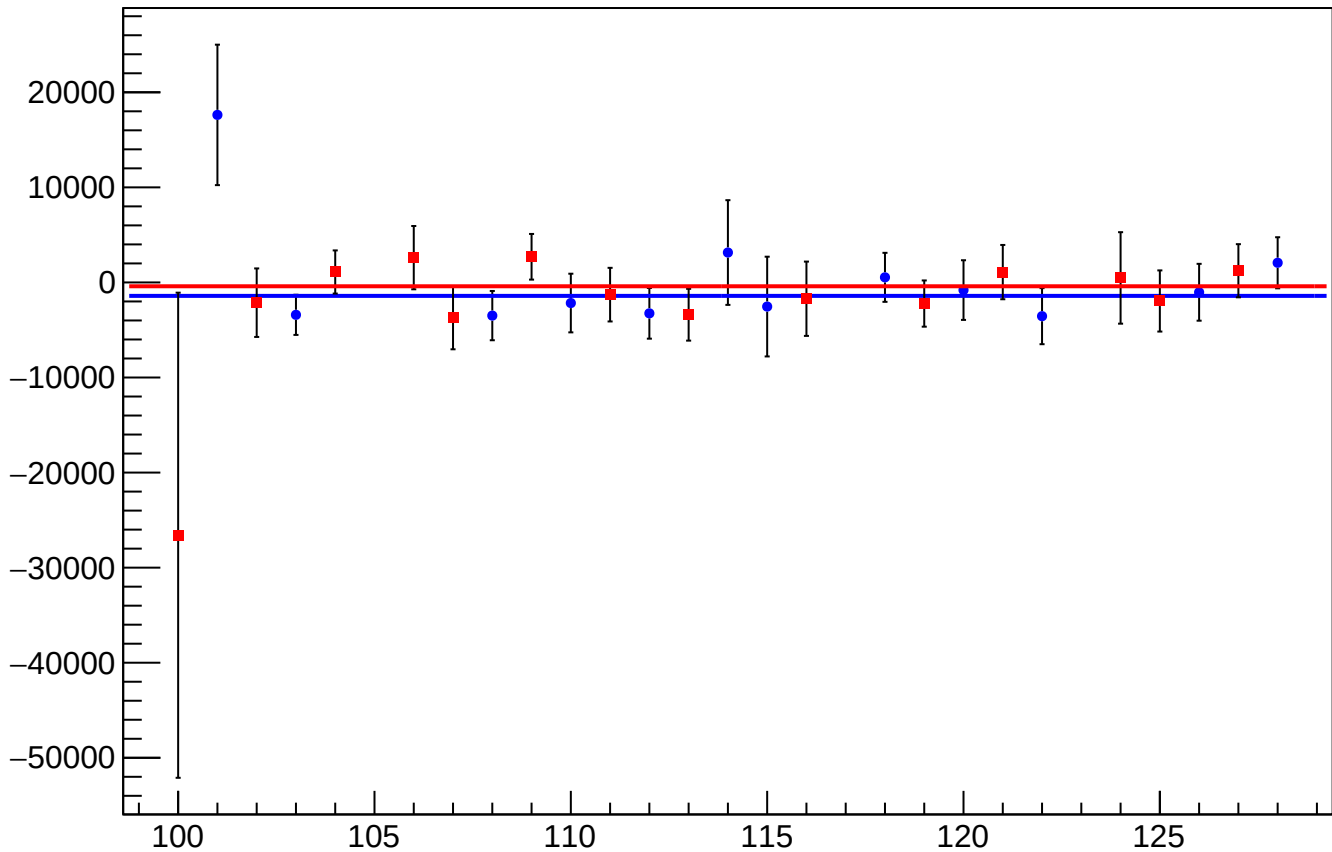
Right Out: 3052.444+/-1.015 χ^2/NDF : 1325755.6/13

All: 3320.168+/-0.778 χ^2/NDF : 2068277.2/25

- 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: -1413.765 ± 869.051 χ^2/NDF : 12.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -403.606 ± 812.996 χ^2/NDF : 8.1/13

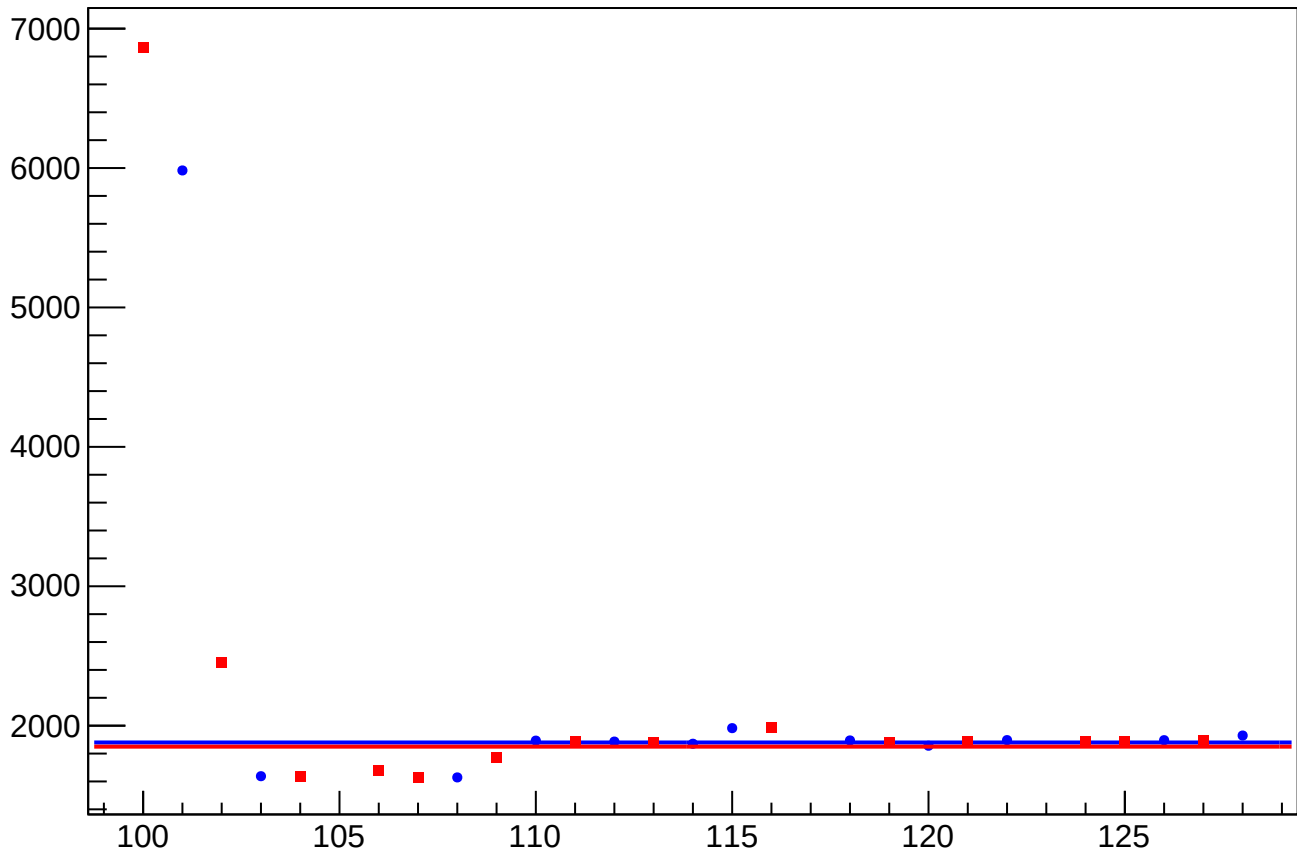
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -875.059 ± 593.703 χ^2/NDF : 21.1/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_atr_dd_rms vs Slug



Right In: 1879.510+/-0.615 χ^2/NDF : 663816.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

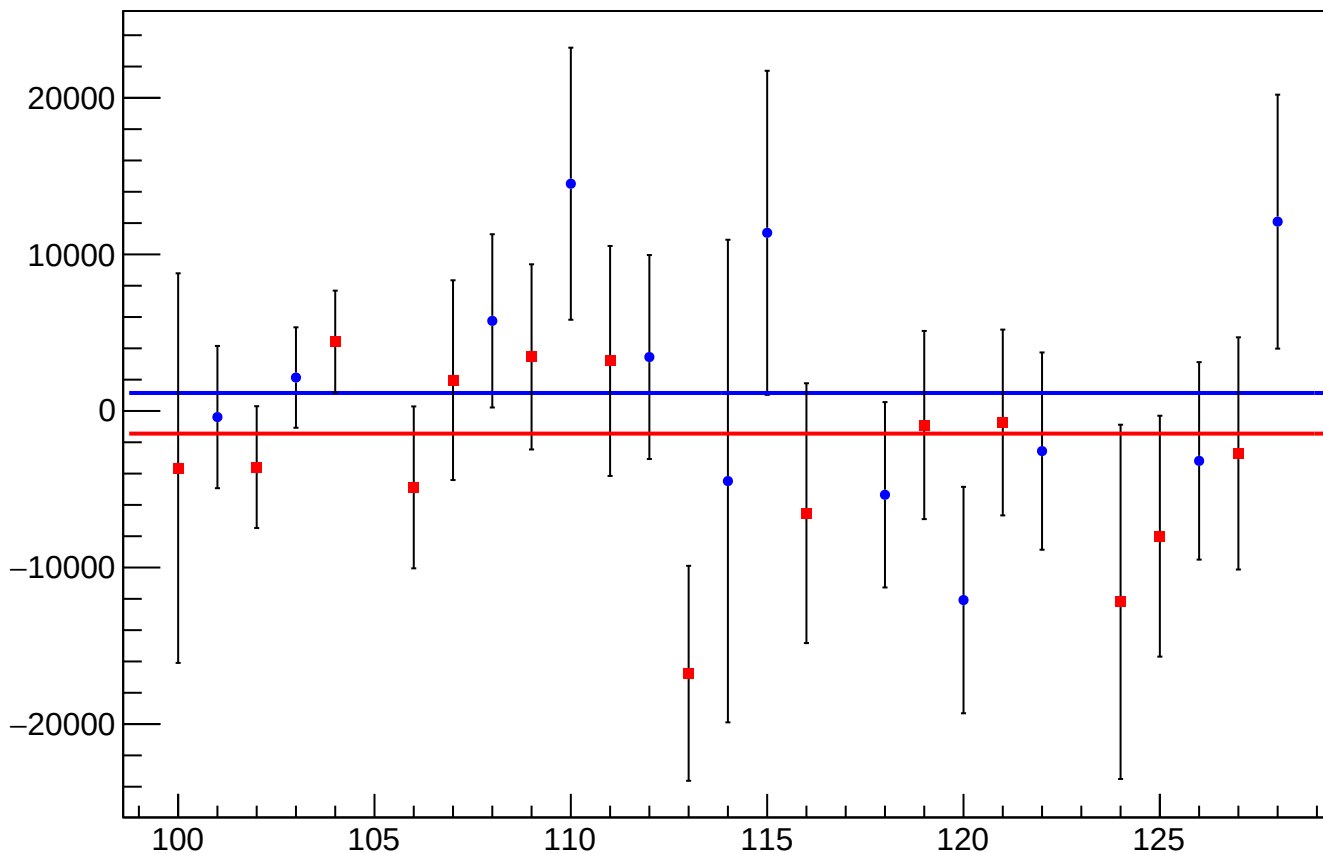
Right Out: 1849.638+/-0.574 χ^2/NDF : 173141.1/13

All: 1863.549+/-0.419 χ^2/NDF : 838220.1/25

- 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_cor_correction_mean vs Slug



Right In: 1149.034+/-1710.468 χ^2/NDF : 11.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1445.843+/-1560.233 χ^2/NDF : 12.4/13

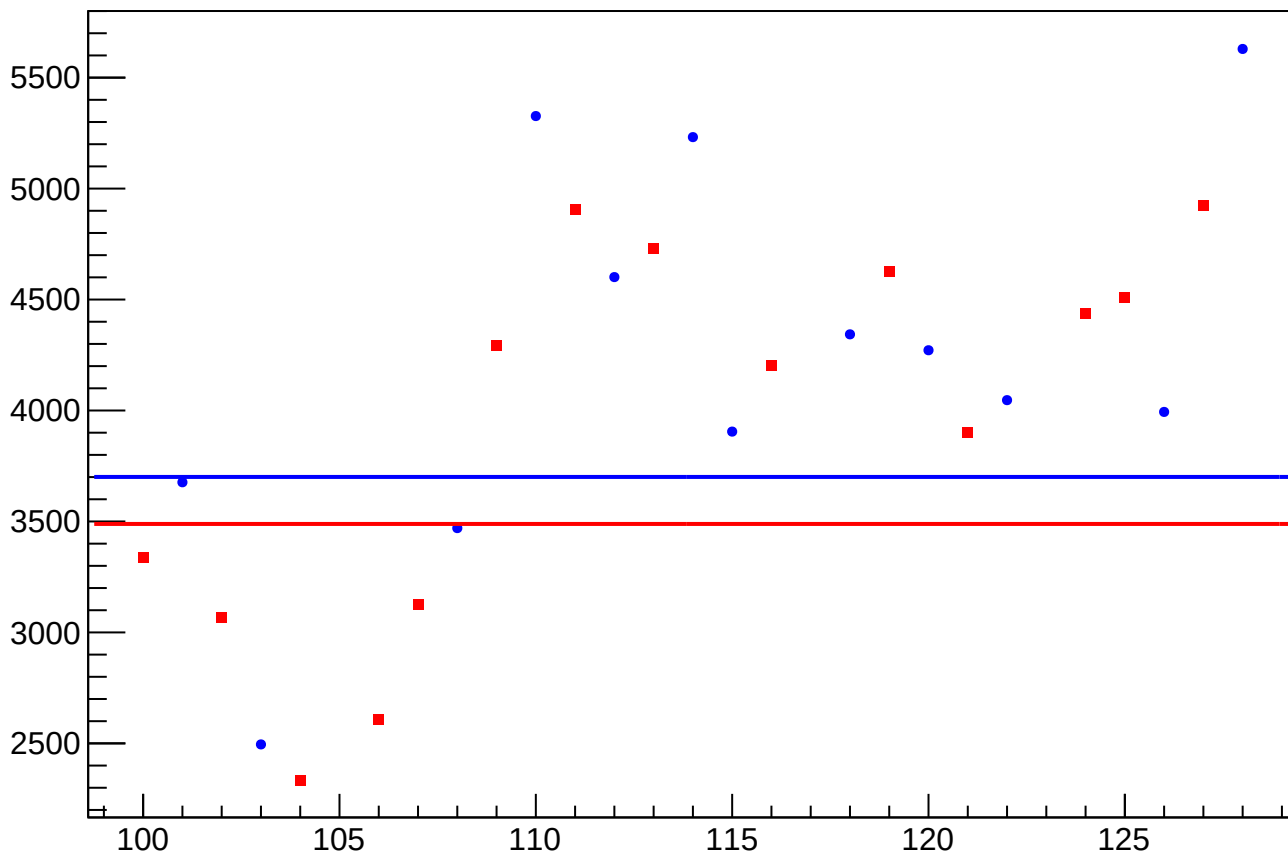
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -267.346+/-1152.712 χ^2/NDF : 25.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_cor_correction_rms vs Slug



Right In: 3700.637+/-1.209 χ^2/NDF : 574009.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3488.789+/-1.103 χ^2/NDF : 737271.6/13

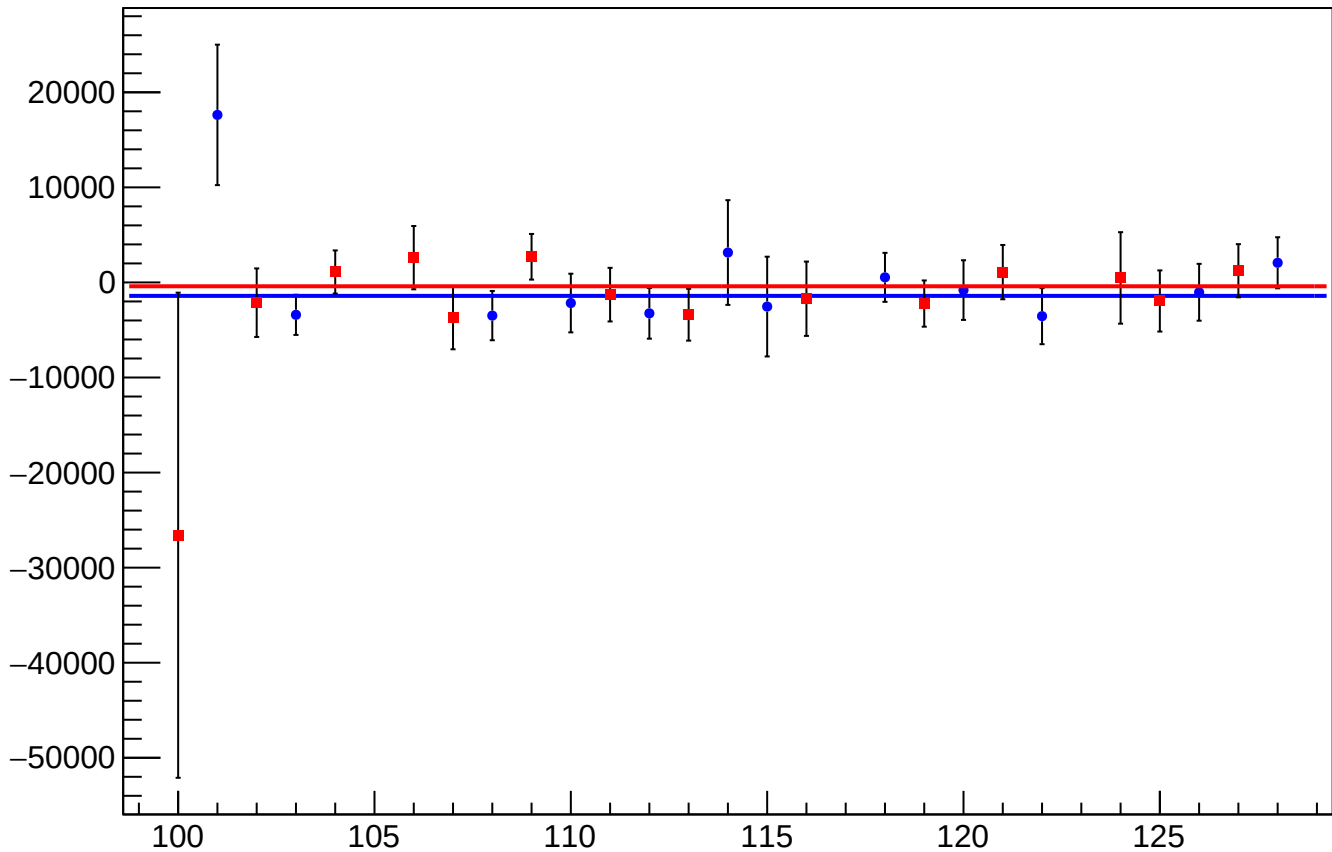
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3585.003+/-0.815 χ^2/NDF : 1328027.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr_dd_mean vs Slug



Right In: -1413.765+/-869.051 χ^2/NDF : 12.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -403.606+/-812.996 χ^2/NDF : 8.1/13

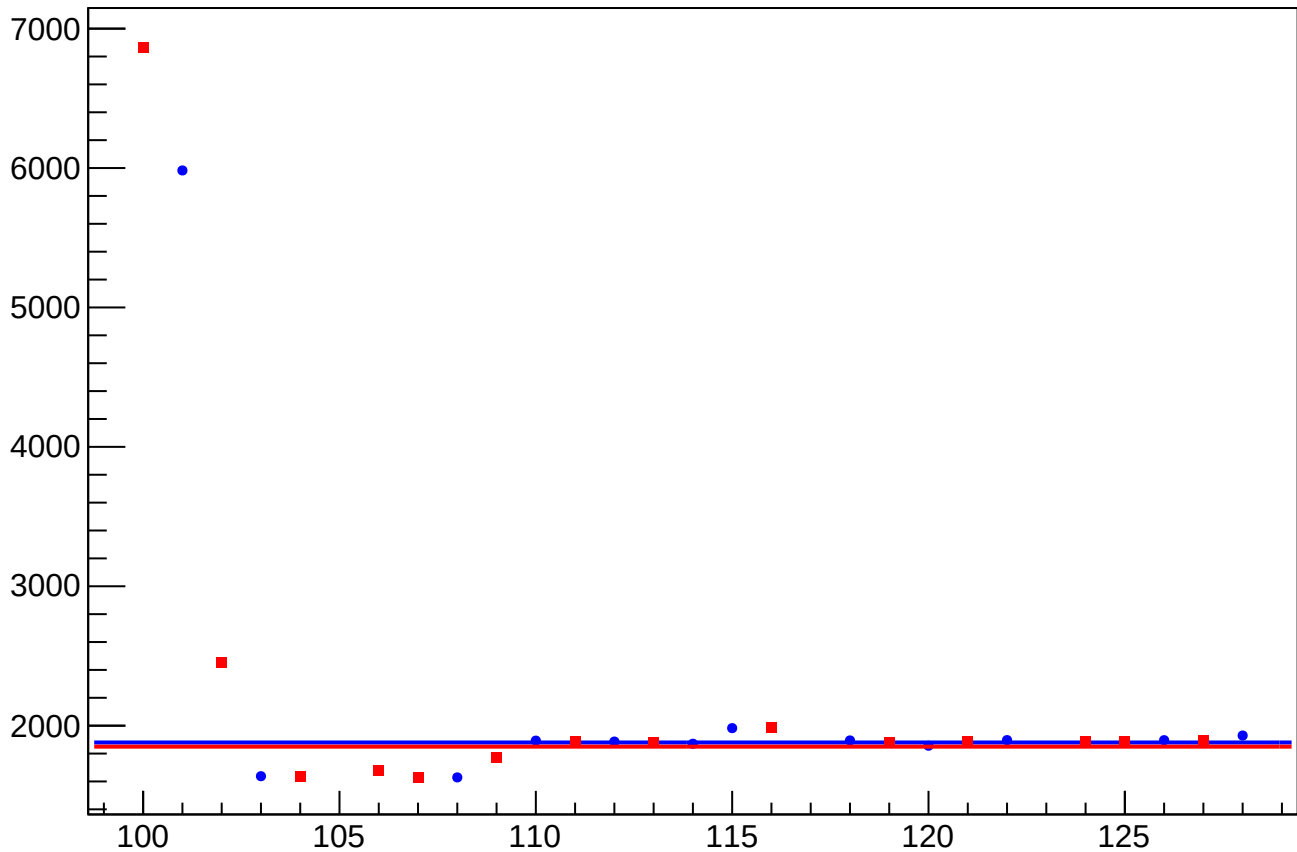
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -875.059+/-593.703 χ^2/NDF : 21.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr_dd_rms vs Slug



Right In: 1879.510+/-0.615 χ^2/NDF : 663816.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

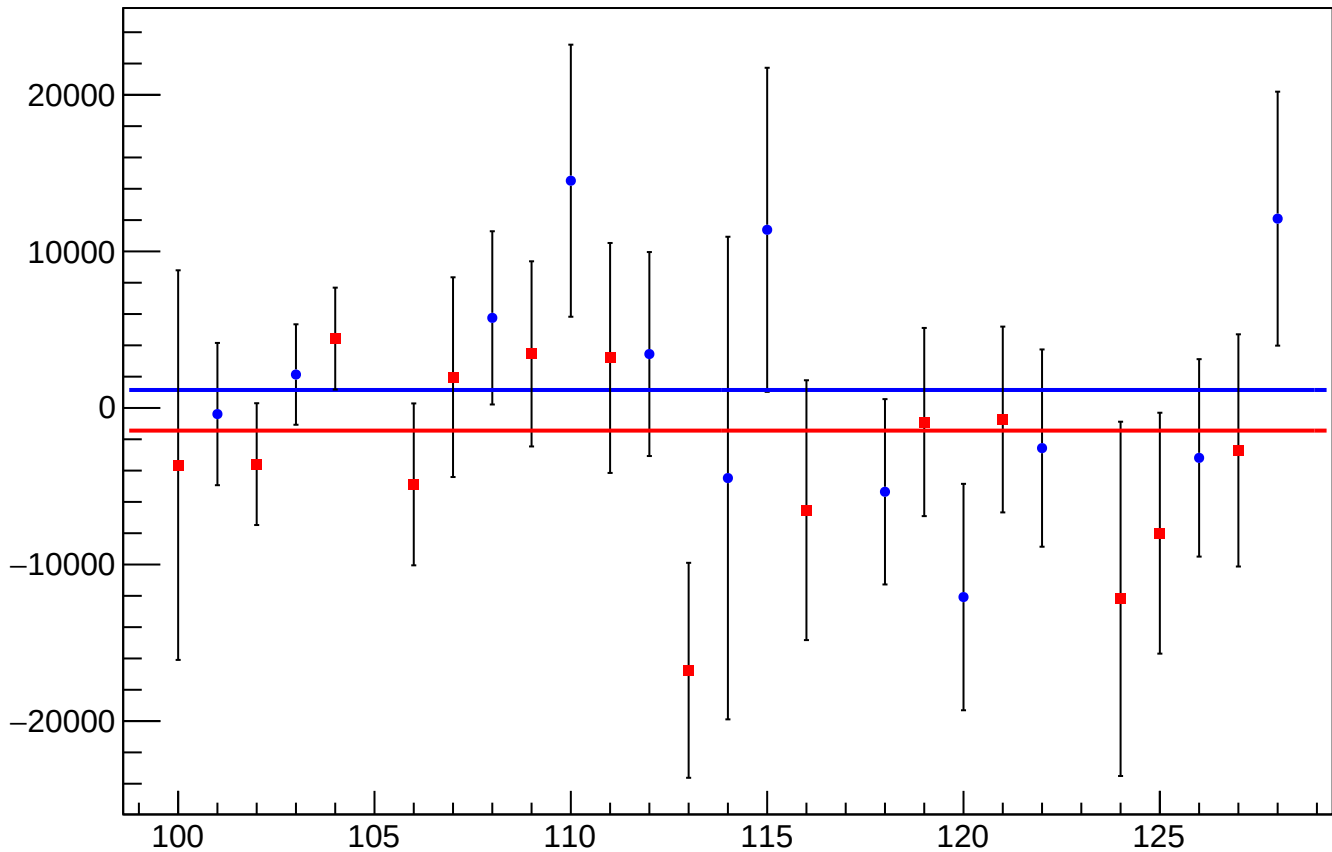
Right Out: 1849.638+/-0.574 χ^2/NDF : 173141.1/13

All: 1863.549+/-0.419 χ^2/NDF : 838220.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_cor_correction_mean vs Slug



Right In: 1149.034+/-1710.468 χ^2/NDF : 11.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1445.843+/-1560.233 χ^2/NDF : 12.4/13

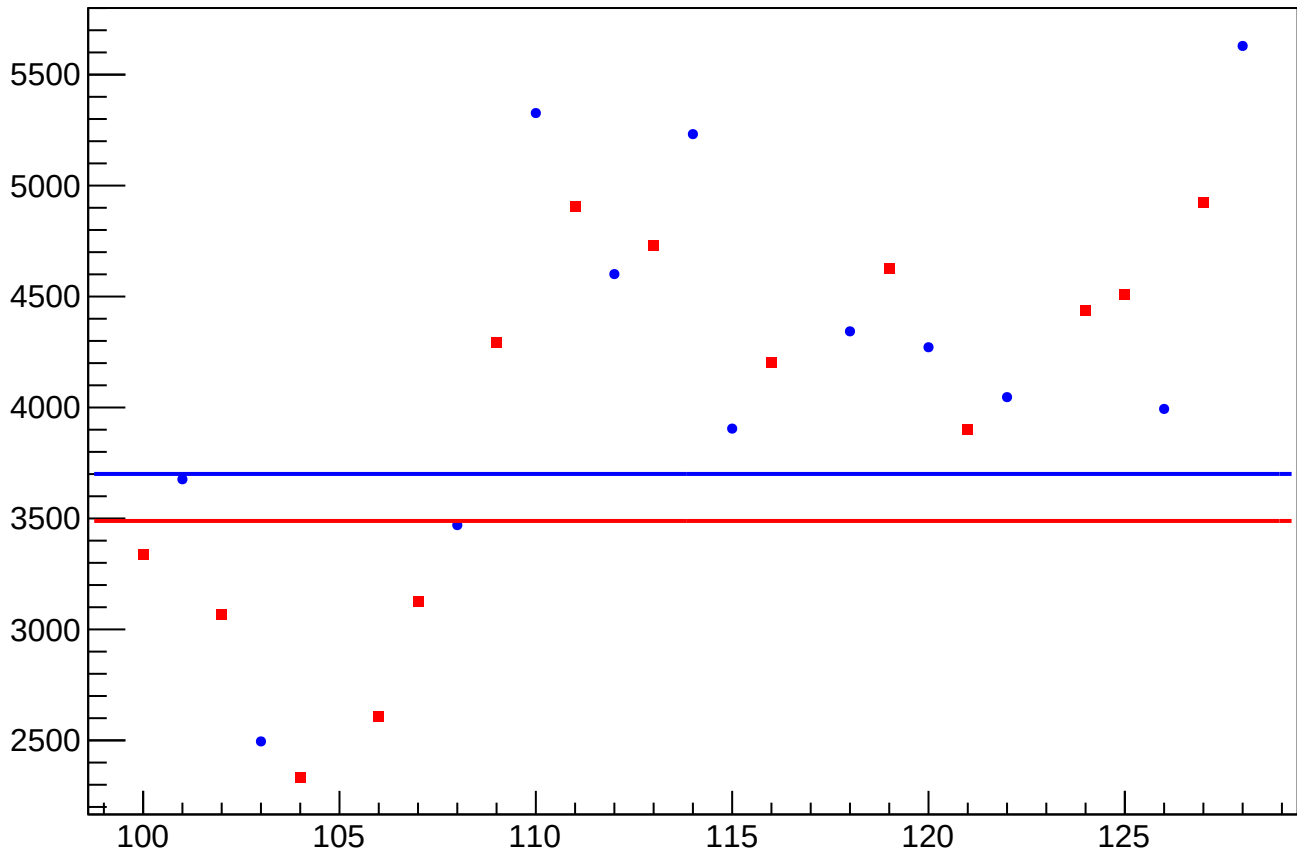
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -267.346+/-1152.712 χ^2/NDF : 25.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_cor_correction_rms vs Slug



Right In: 3700.637+/-1.209 χ^2/NDF : 574009.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3488.789+/-1.103 χ^2/NDF : 737271.6/13

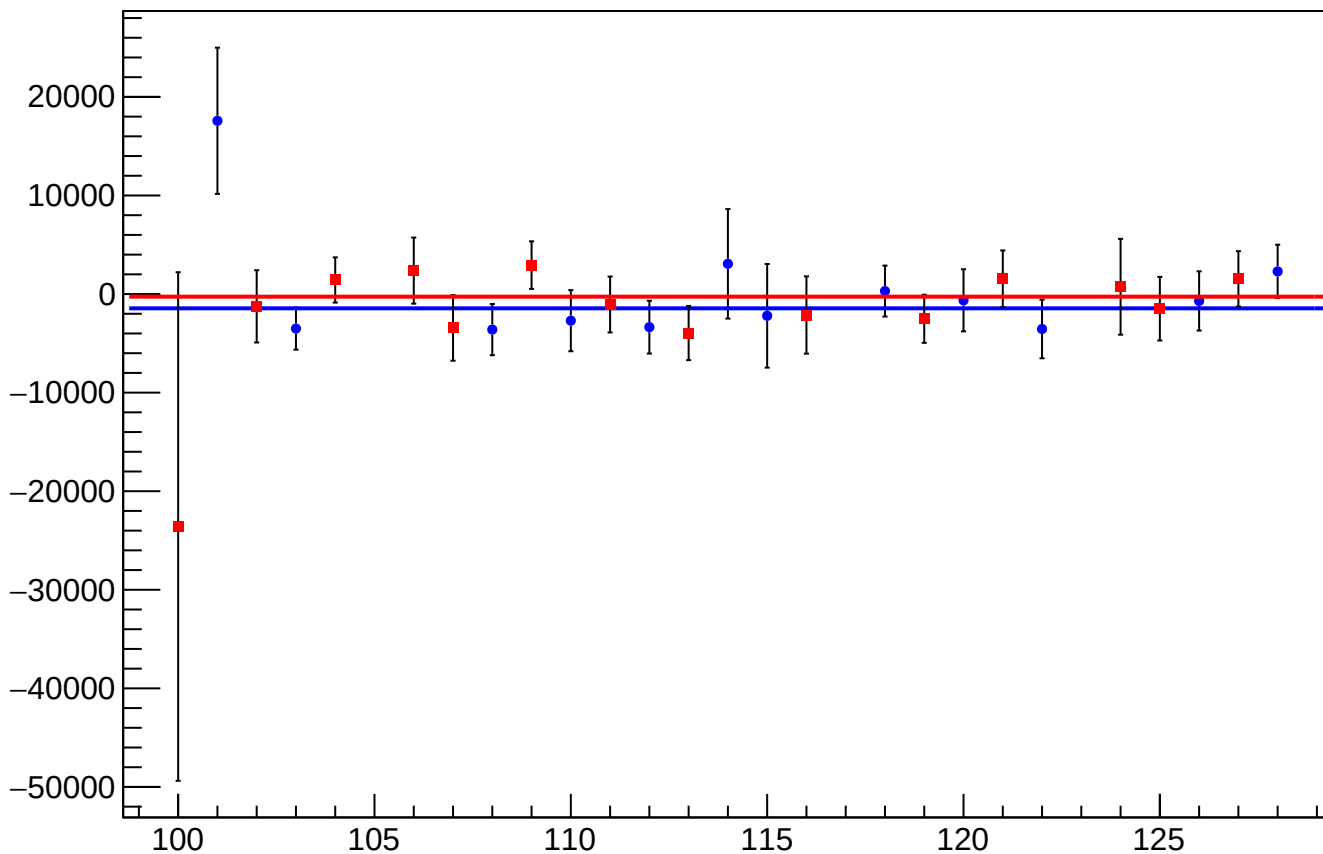
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3585.003+/-0.815 χ^2/NDF : 1328027.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr_dd_mean vs Slug



Right In: -1448.065 ± 874.428 χ^2/NDF : 12.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -264.461 ± 818.153 χ^2/NDF : 8.7/13

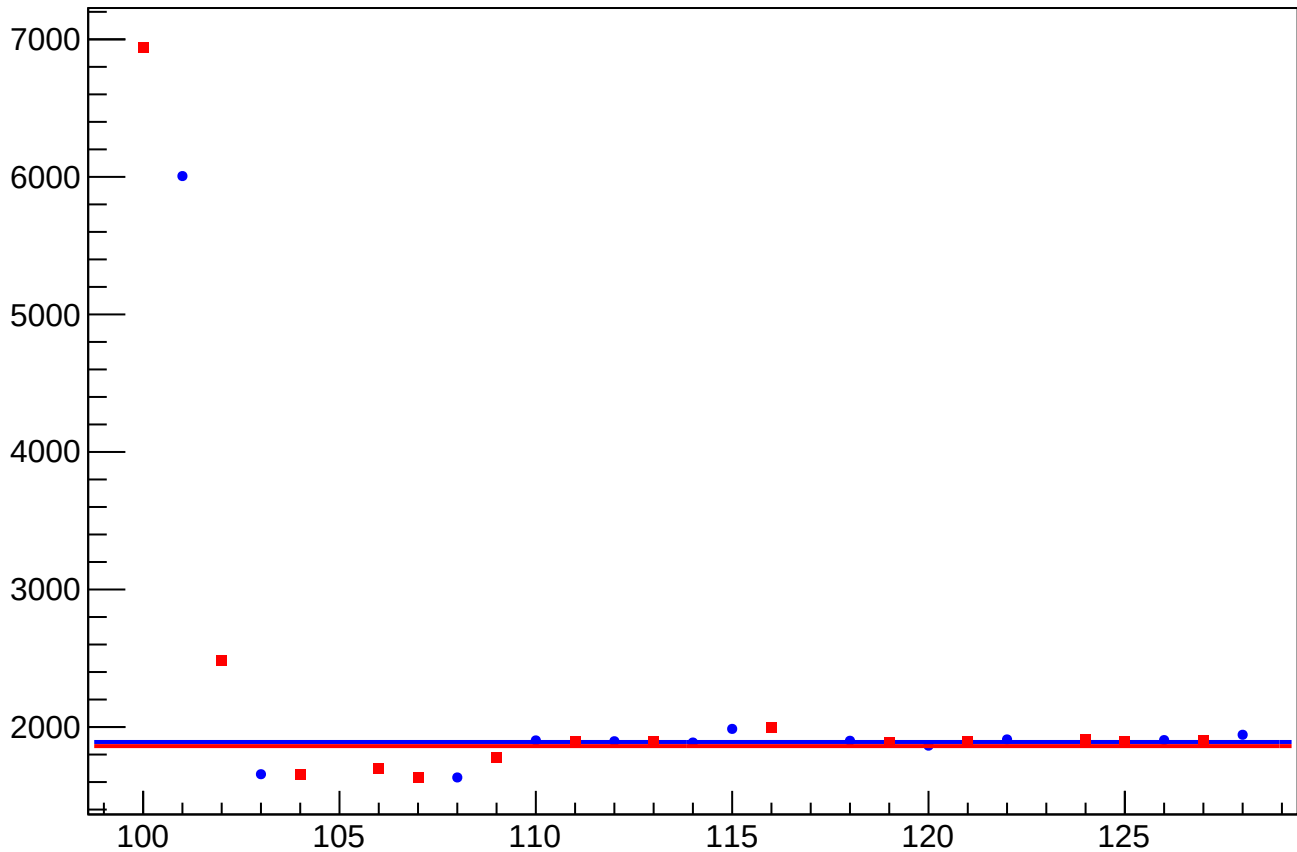
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -816.954 ± 597.426 χ^2/NDF : 22.2/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_atr_dd_rms vs Slug



Right In: 1891.399+/-0.618 χ^2/NDF : 661108.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

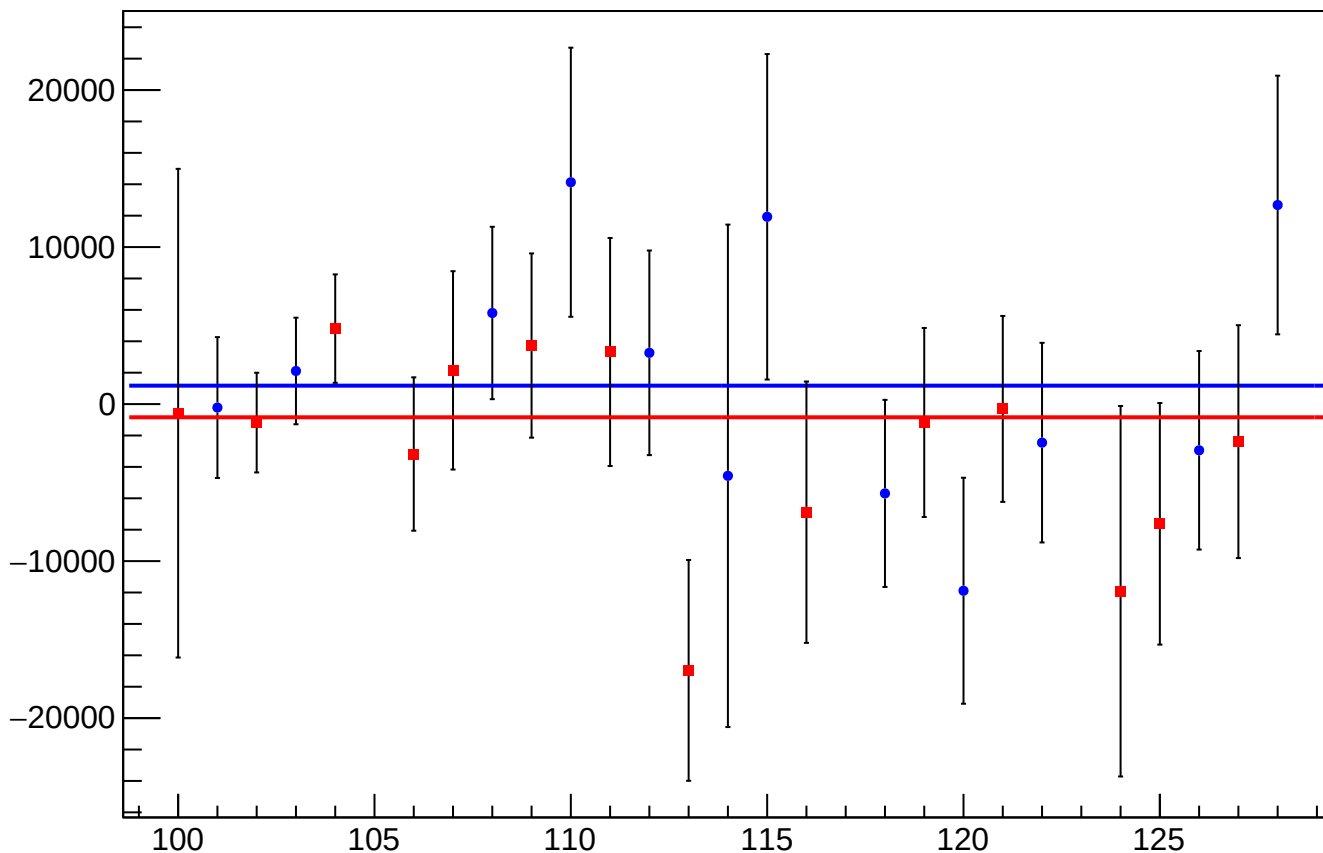
Right Out: 1861.302+/-0.578 χ^2/NDF : 172535.3/13

All: 1875.330+/-0.422 χ^2/NDF : 834908.8/25

- 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: 1173.629+/-1735.370 χ^2/NDF : 11.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -840.605+/-1515.784 χ^2/NDF : 11.6/13

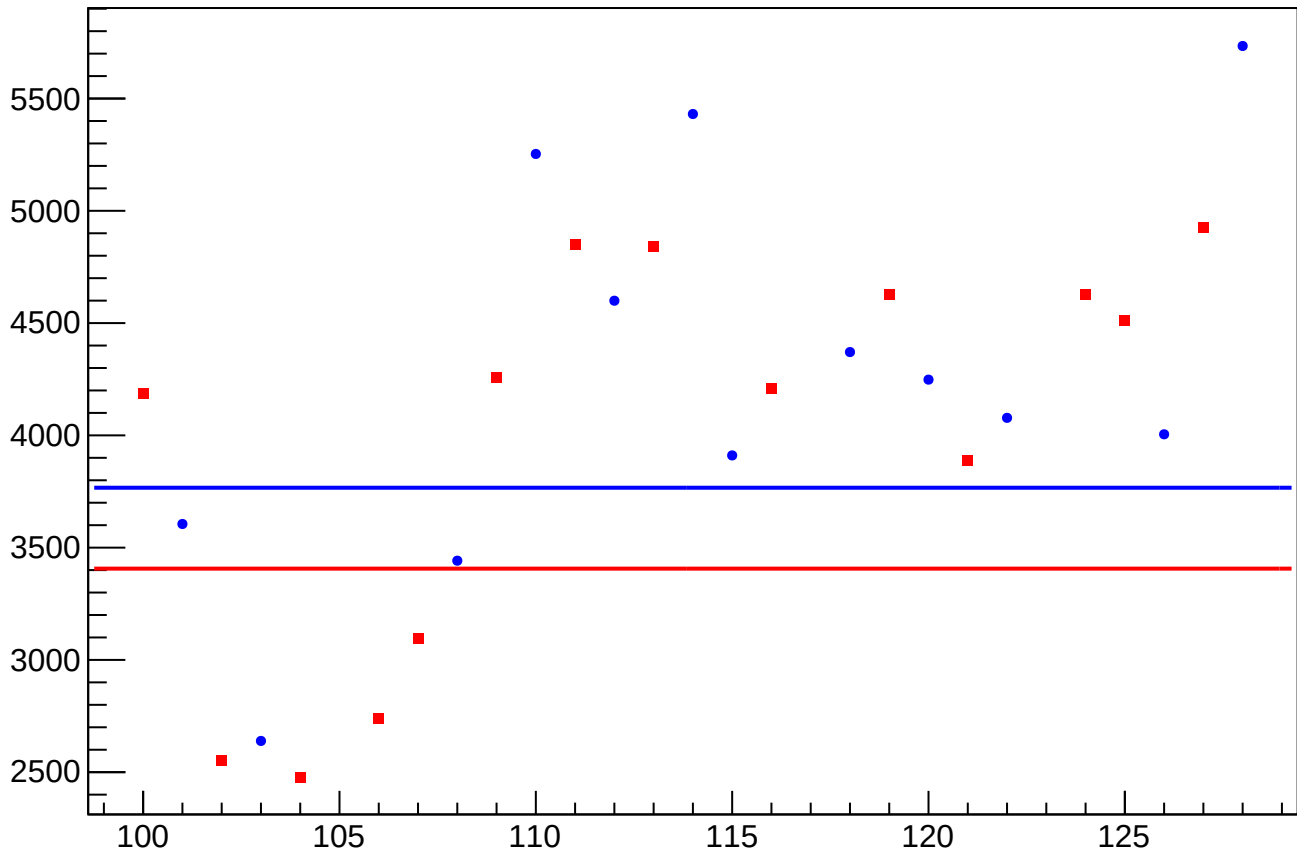
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.087+/-1141.612 χ^2/NDF : 24.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_dit_correction_rms vs Slug



Right In: 3766.849+/-1.227 χ^2/NDF : 496429.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3406.542+/-1.072 χ^2/NDF : 802173.2/13

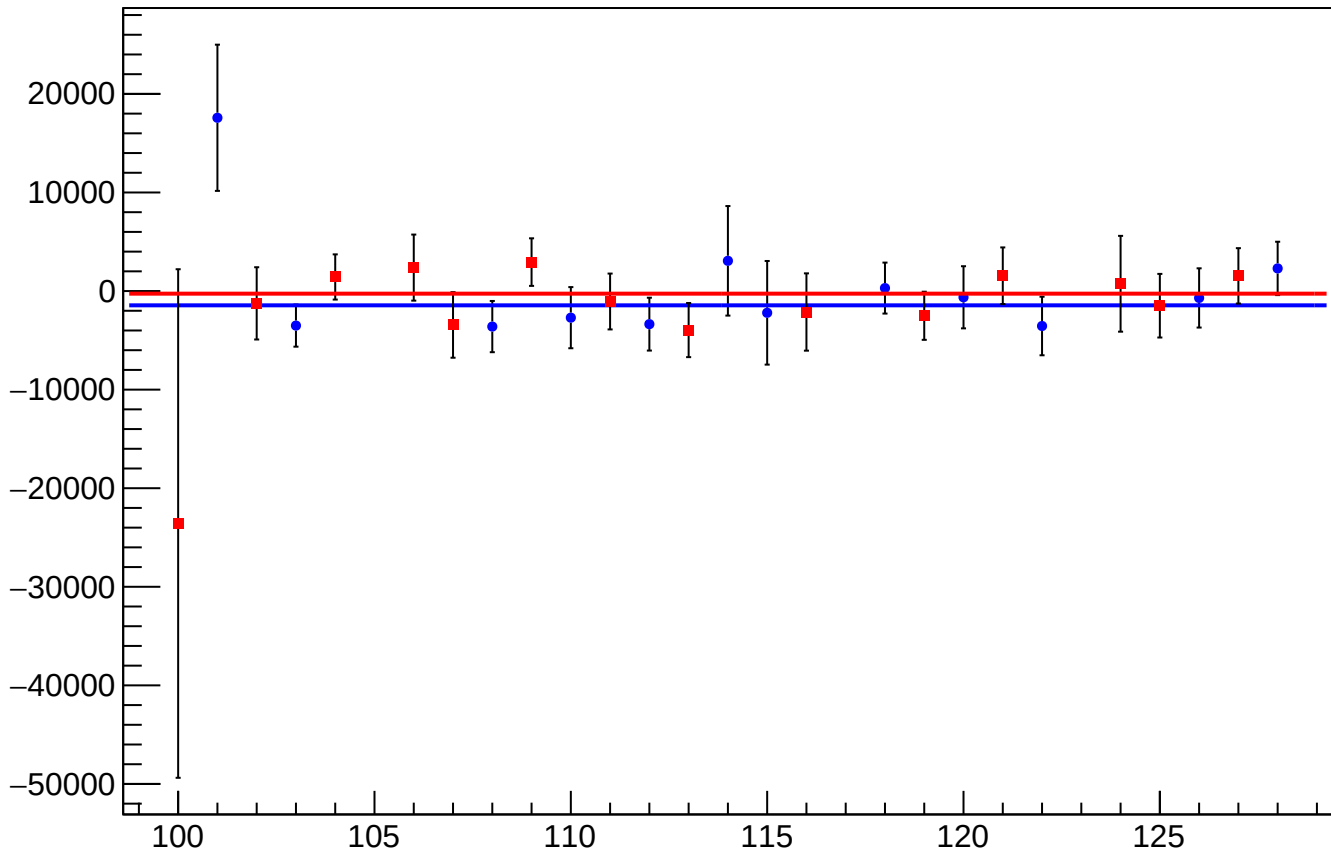
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3562.470+/-0.807 χ^2/NDF : 1347507.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr_dd_mean vs Slug



Right In: -1448.068+/-874.428 χ^2/NDF : 12.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -264.456+/-818.153 χ^2/NDF : 8.7/13

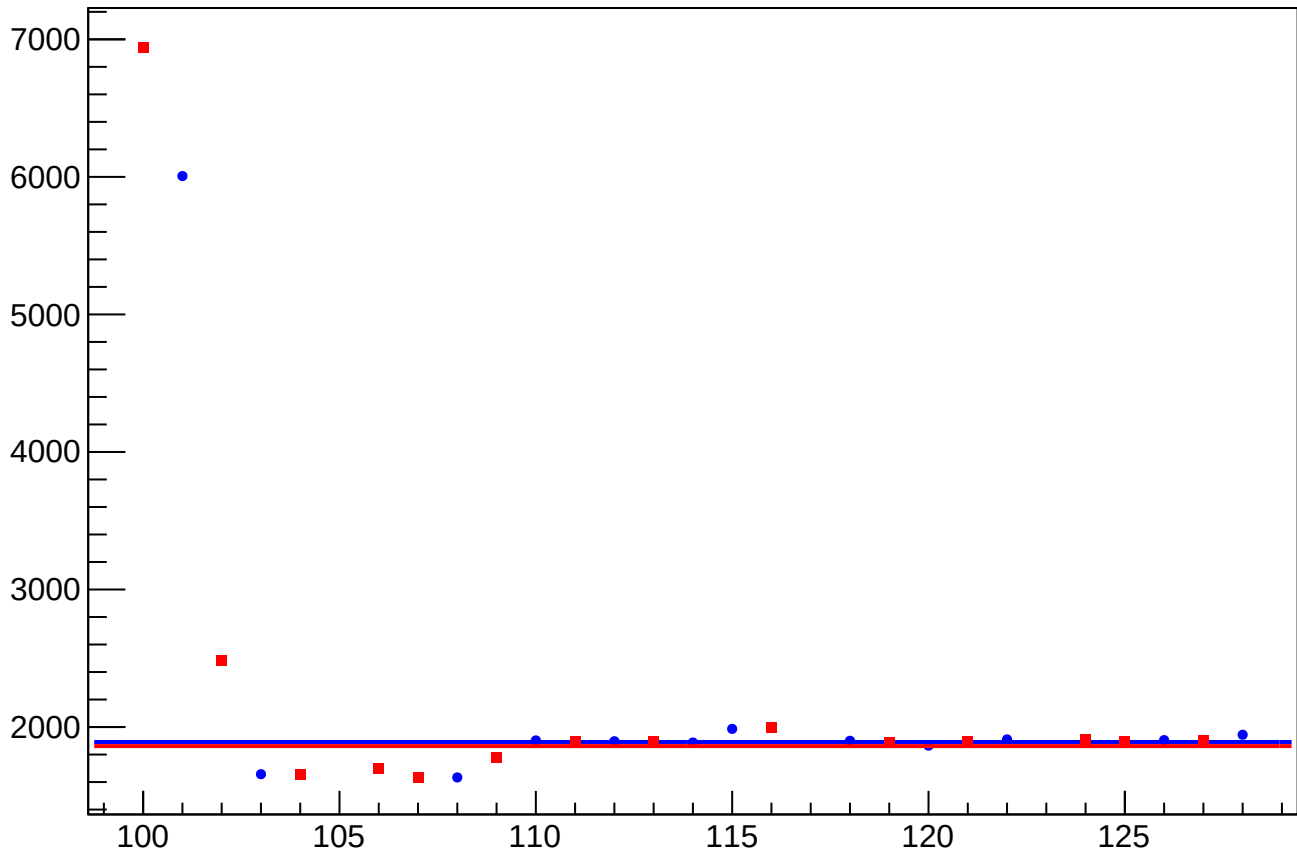
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -816.953+/-597.426 χ^2/NDF : 22.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr_dd_rms vs Slug



Right In: 1891.398+/-0.618 χ^2/NDF : 661108.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1861.302+/-0.578 χ^2/NDF : 172535.3/13

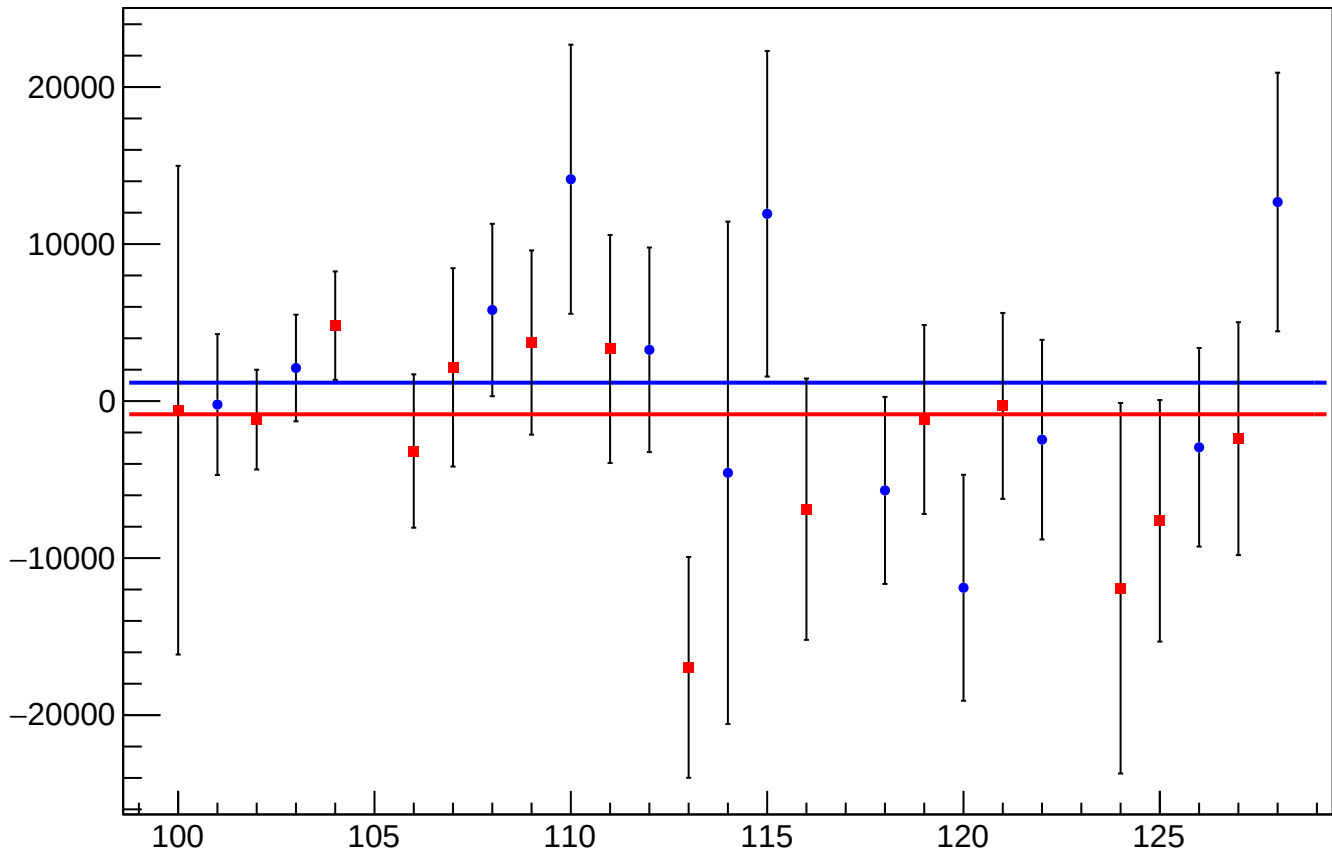
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1875.330+/-0.422 χ^2/NDF : 834908.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_dit_correction_mean vs Slug



Right In: 1173.625 $\pm$ 1735.366 χ^2 /NDF: 11.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -840.603 $\pm$ 1515.782 χ^2 /NDF: 11.6/13

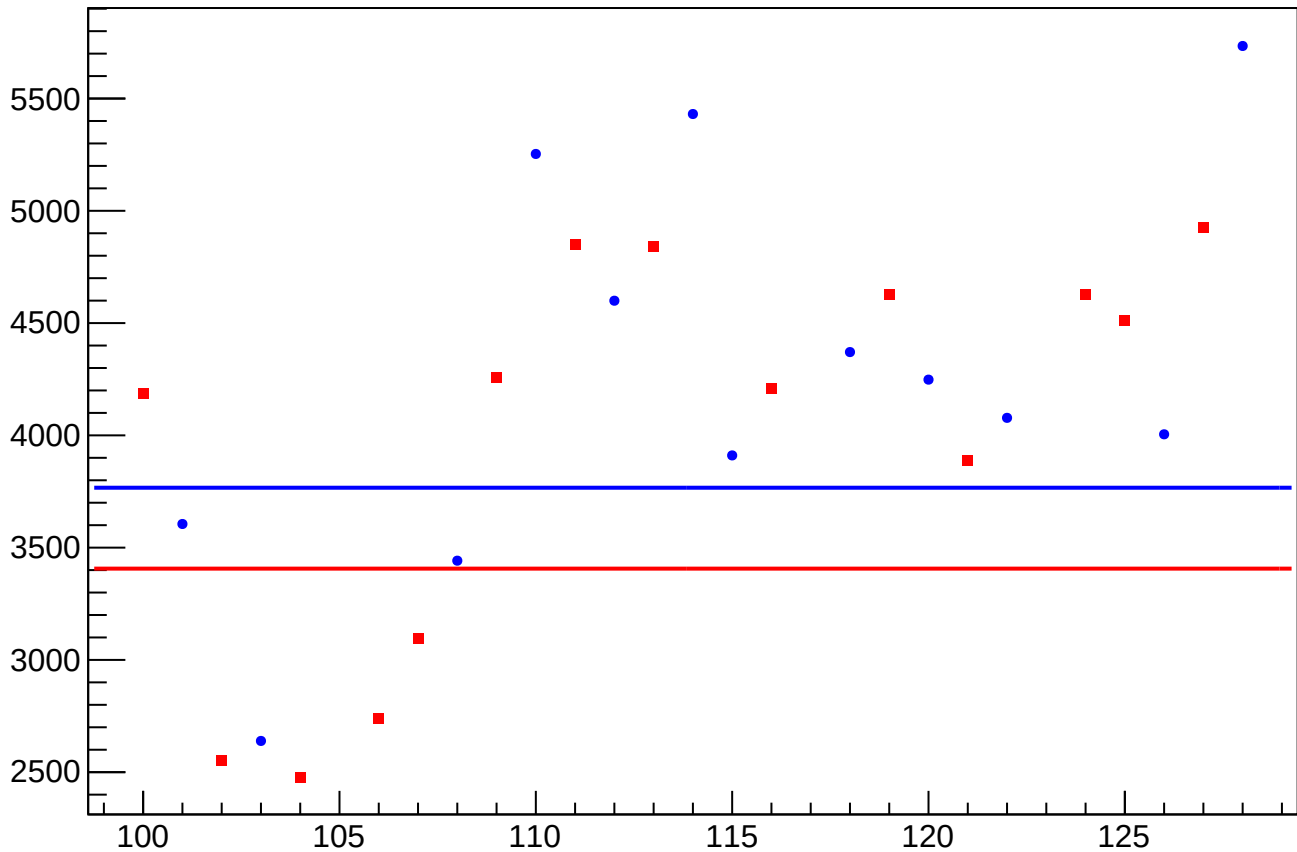
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 31.087 $\pm$ 1141.610 χ^2 /NDF: 24.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_eigen_dit_correction_rms vs Slug



Right In: 3766.843+/-1.227 χ^2/NDF : 496423.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

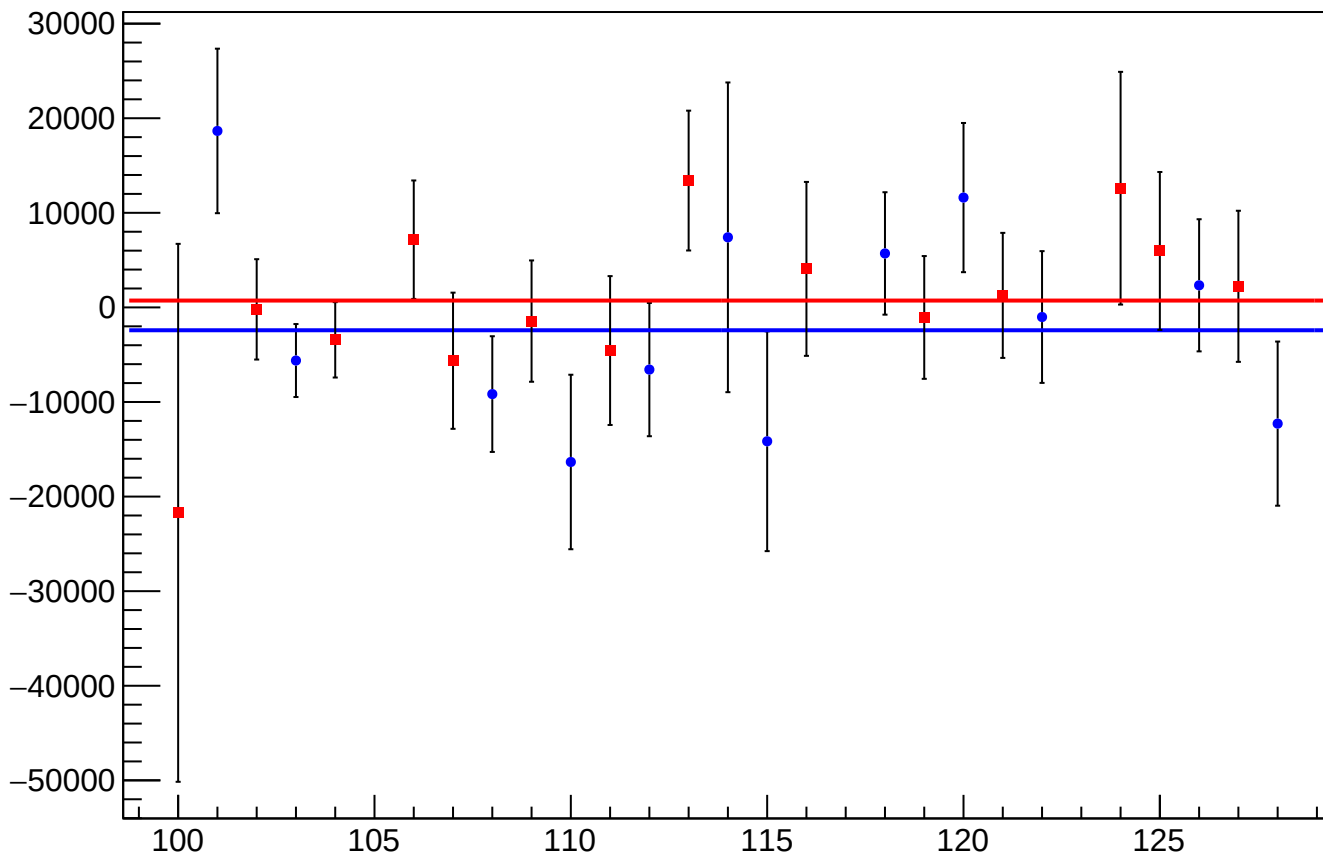
Right Out: 3406.537+/-1.072 χ^2/NDF : 802167.1/13

All: 3562.465+/-0.807 χ^2/NDF : 1347495.1/25

- 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: -2416.147 $\pm$ 2022.254 χ^2 /NDF: 18.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 724.052 $\pm$ 1830.583 χ^2 /NDF: 8.7/13

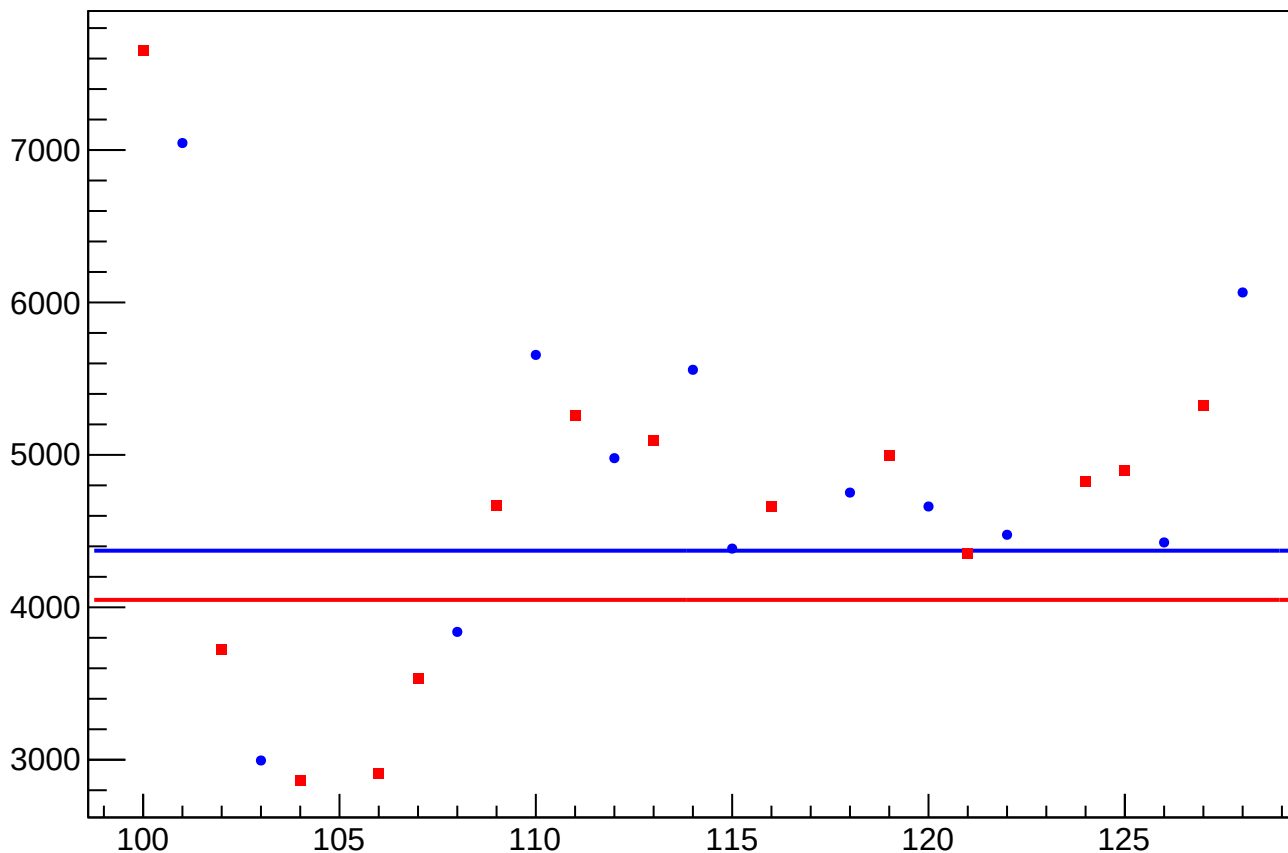
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -690.215 $\pm$ 1357.134 χ^2 /NDF: 28.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_rms vs Slug



Right In: 4371.564+/-1.430 χ^2/NDF : 609458.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4048.869+/-1.281 χ^2/NDF : 550471.2/13

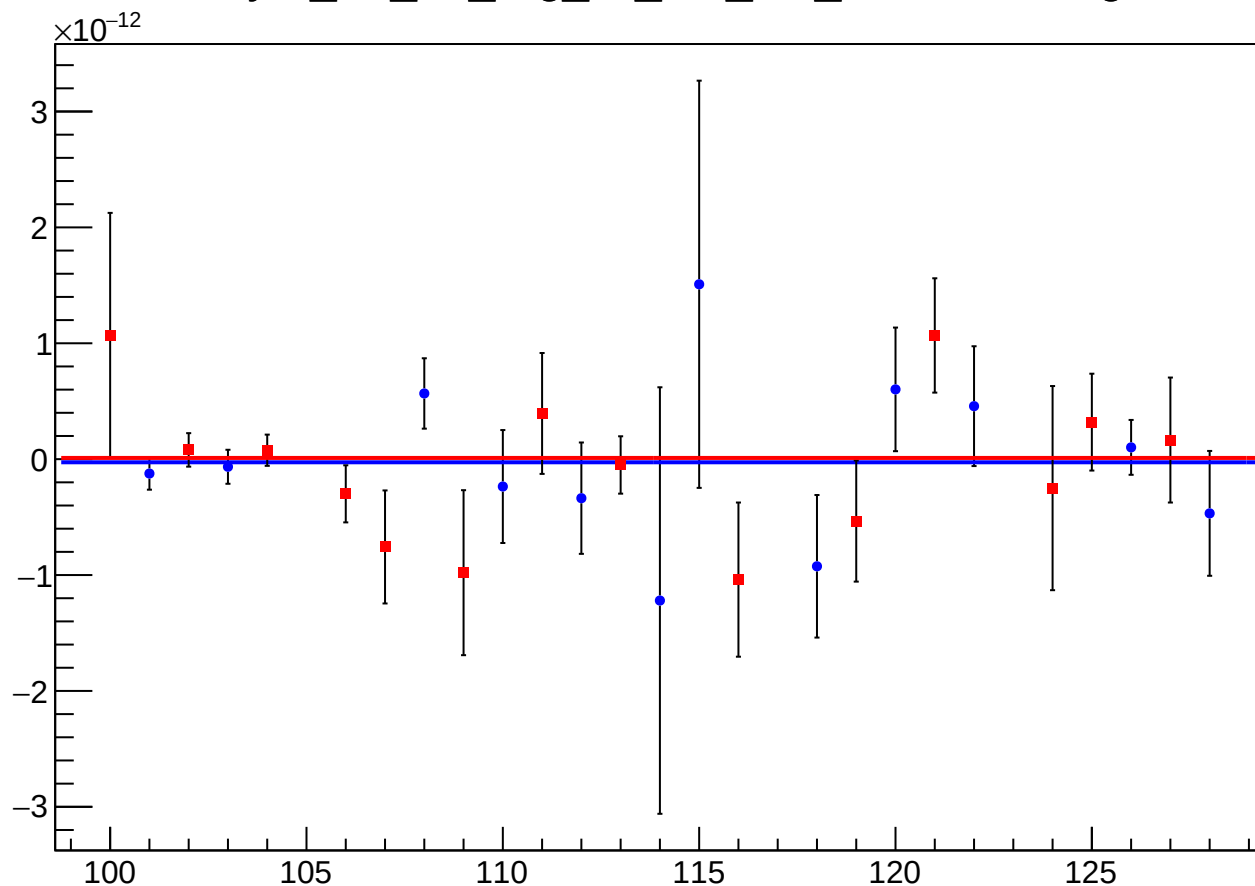
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4192.543+/-0.954 χ^2/NDF : 1188182.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 11.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.0/13

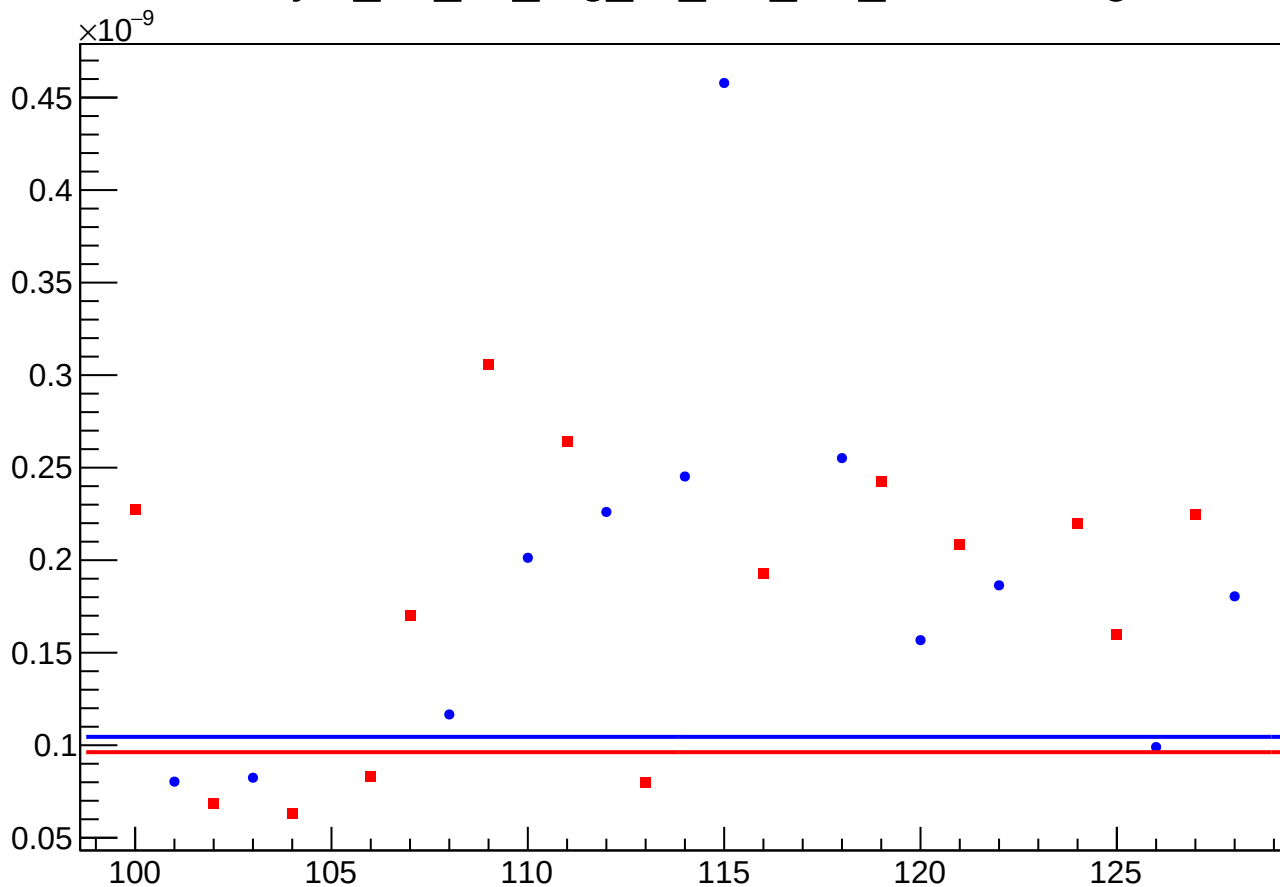
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.6/25

- 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 : 638291.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1168380.1/13

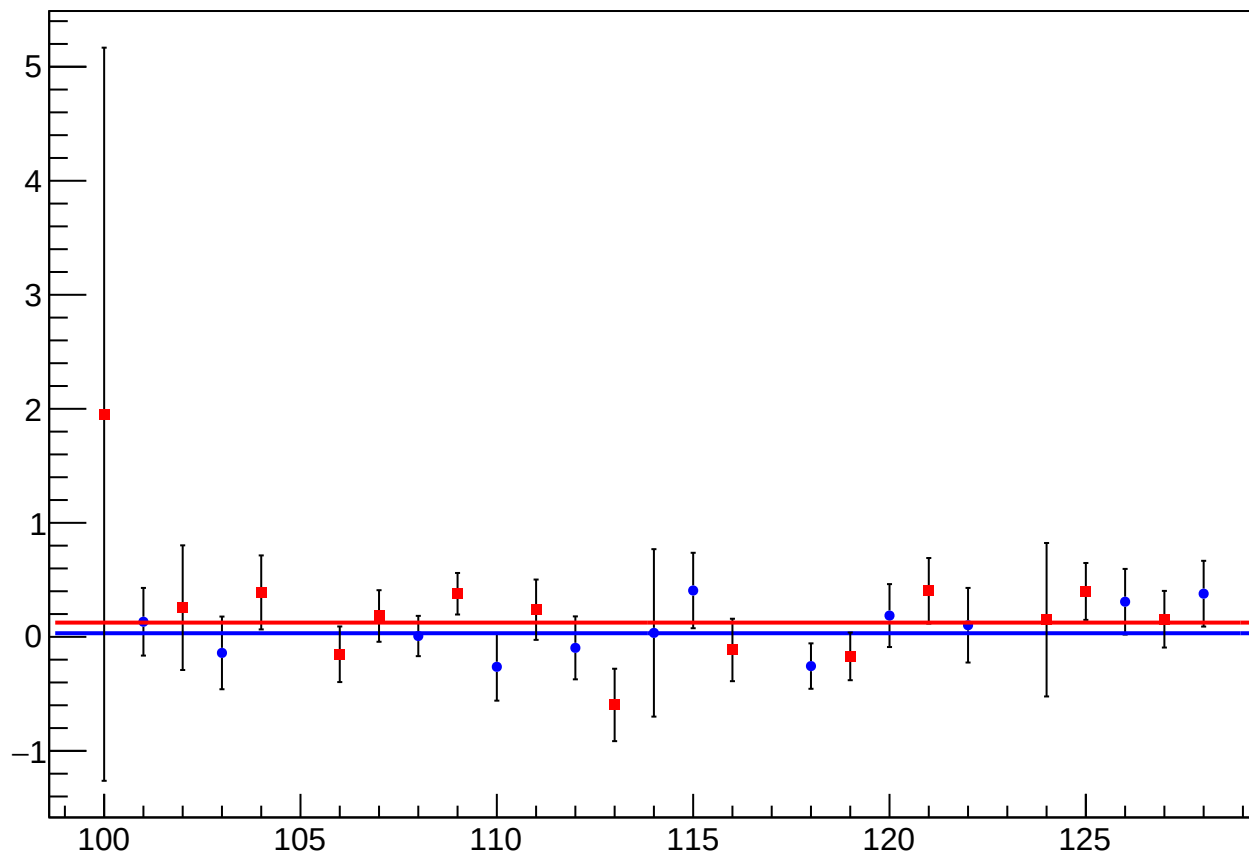
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1817504.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.032 $\pm$ 0.079 χ^2 /NDF: 7.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.125 $\pm$ 0.073 χ^2 /NDF: 14.6/13

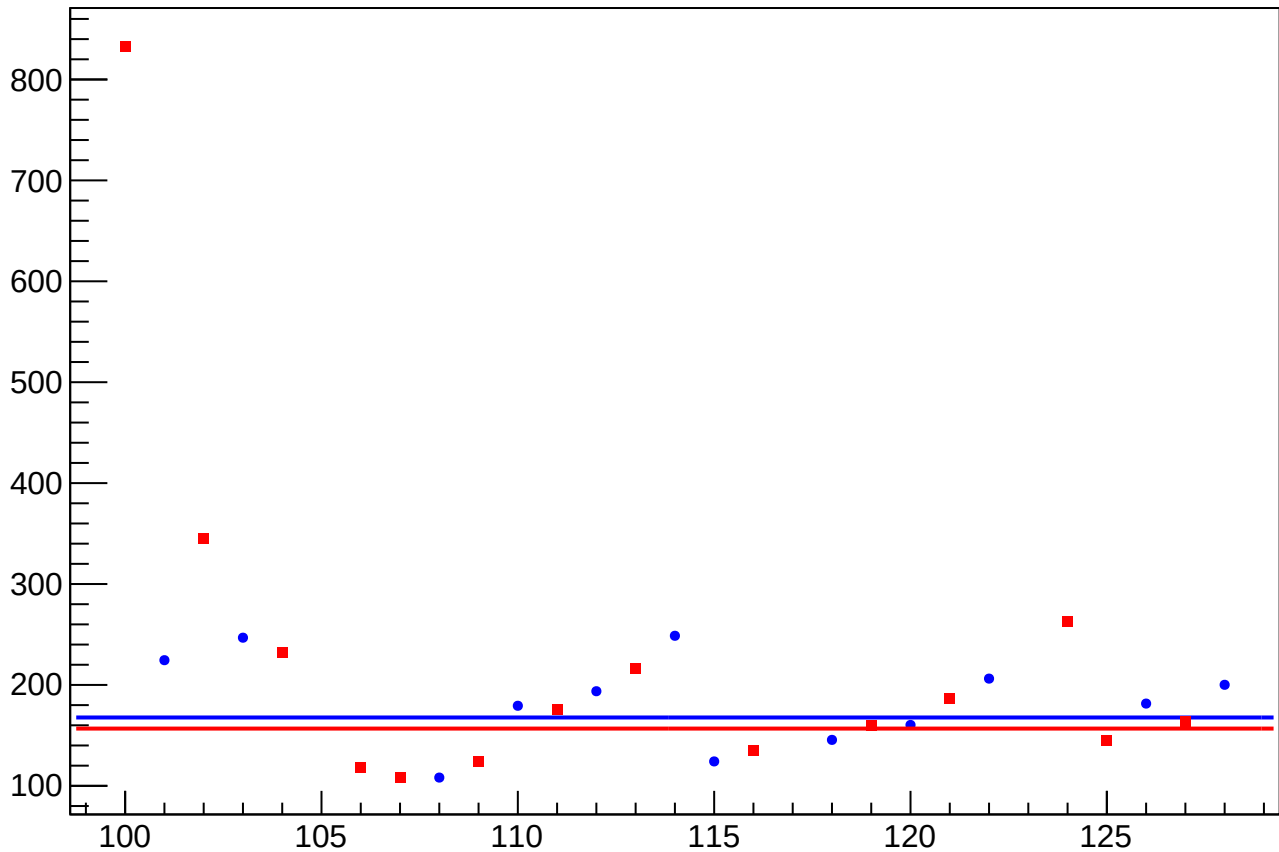
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.082 $\pm$ 0.054 χ^2 /NDF: 23.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_dit_vs_cor_diff_rms vs Slug



Right In: 167.745+/-0.056 χ^2/NDF : 587275.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.746+/-0.052 χ^2/NDF : 811278.3/13

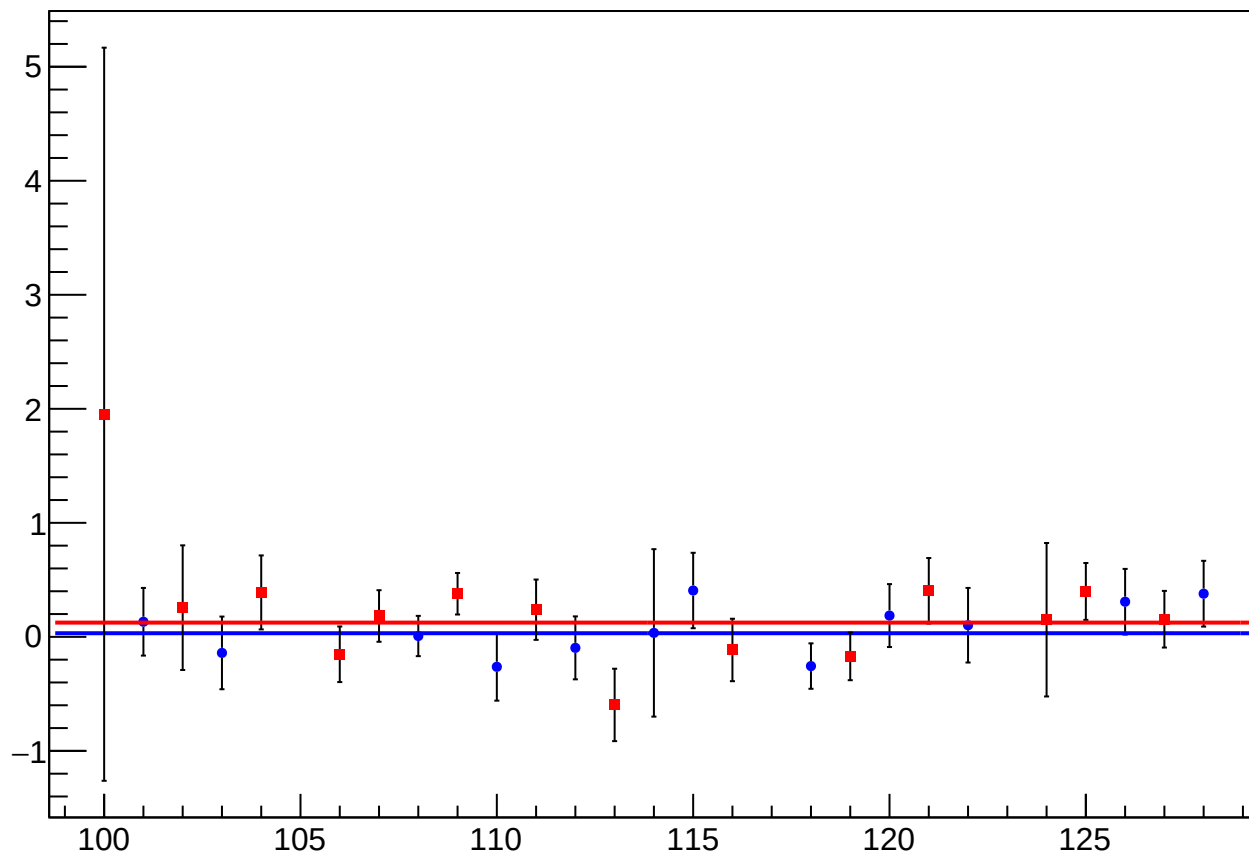
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.833+/-0.038 χ^2/NDF : 1419421.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.032 $\pm$ 0.079 χ^2 /NDF: 7.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.125 $\pm$ 0.073 χ^2 /NDF: 14.6/13

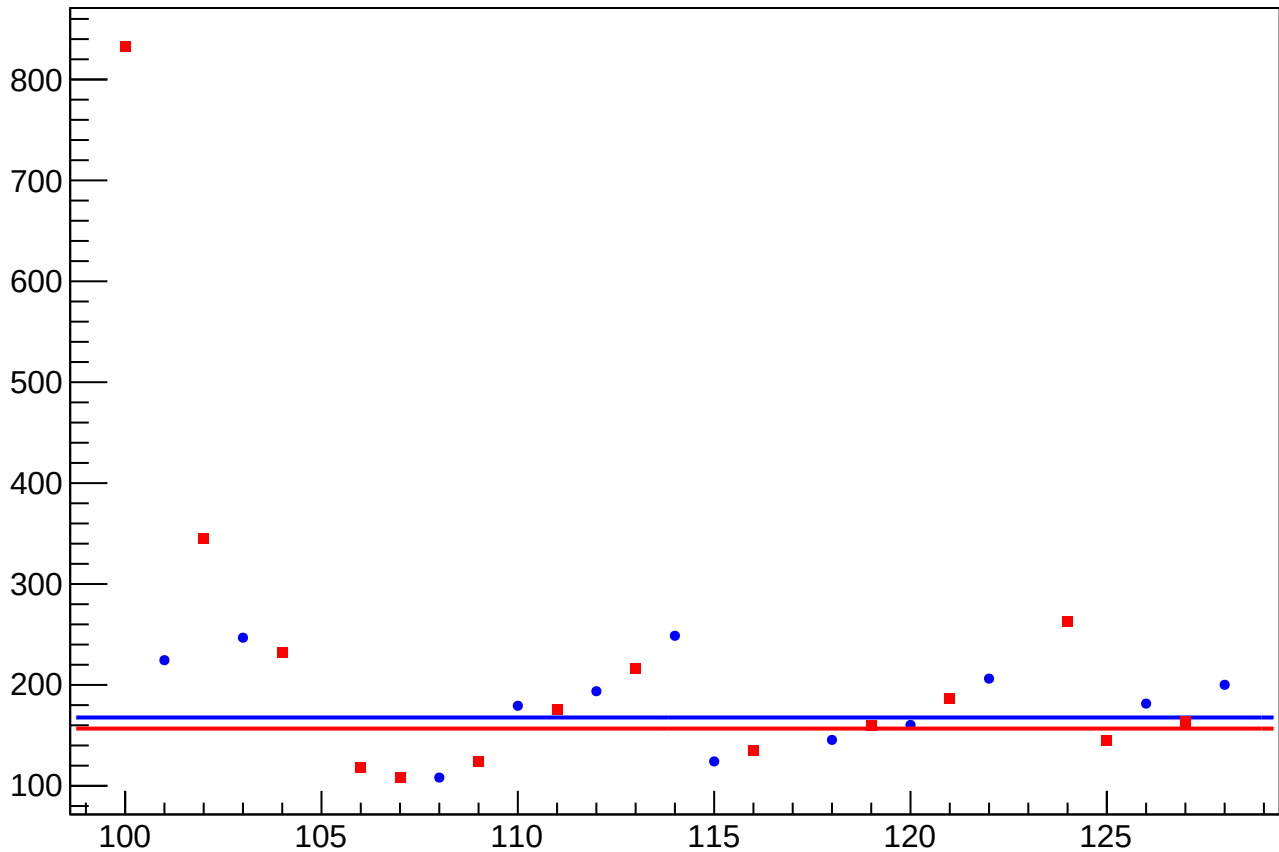
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.082 $\pm$ 0.054 χ^2 /NDF: 23.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 167.745+/-0.056 χ^2/NDF : 587275.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.746+/-0.052 χ^2/NDF : 811278.3/13

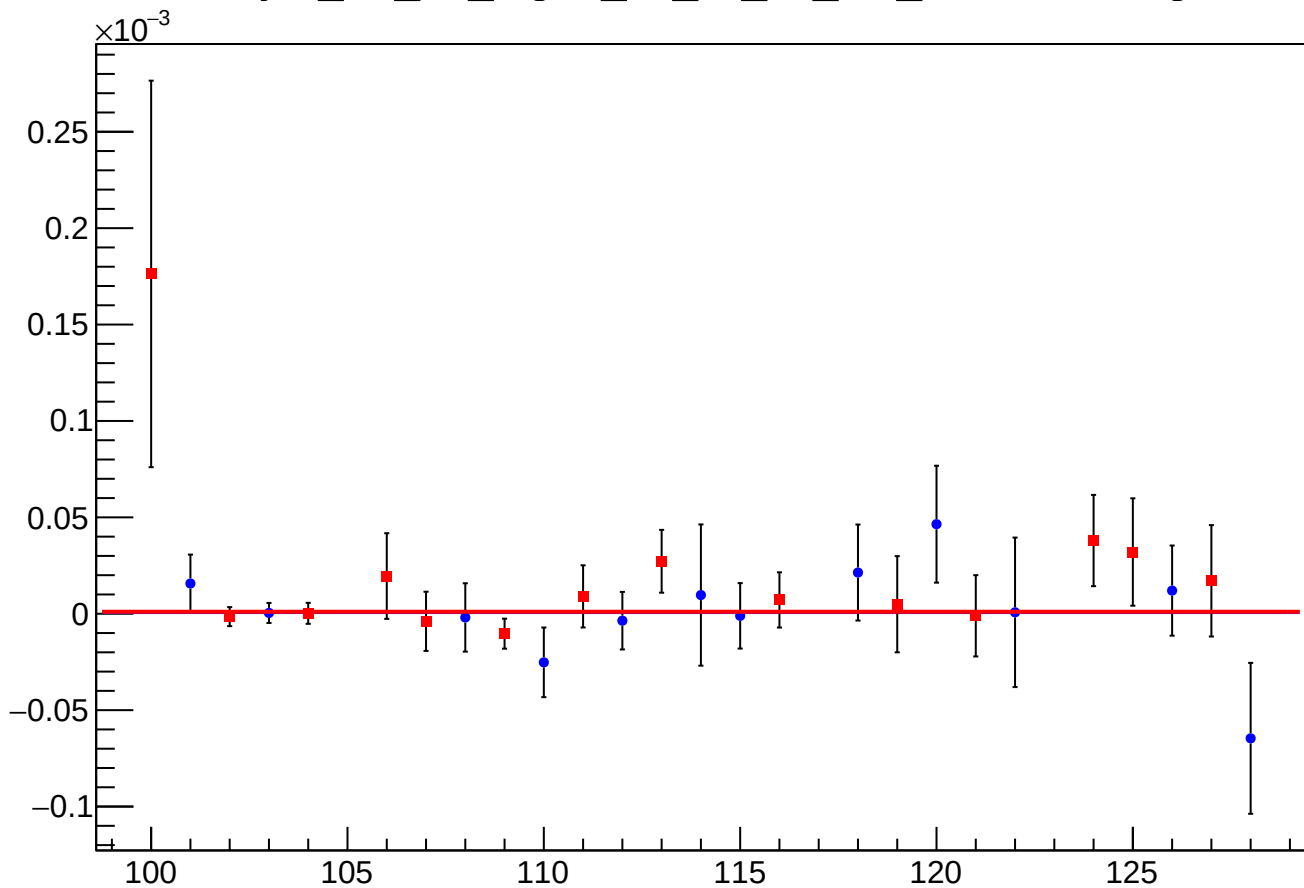
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.833+/-0.038 χ^2/NDF : 1419421.6/25

- 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+/-0.000 χ^2/NDF : 9.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.3/13

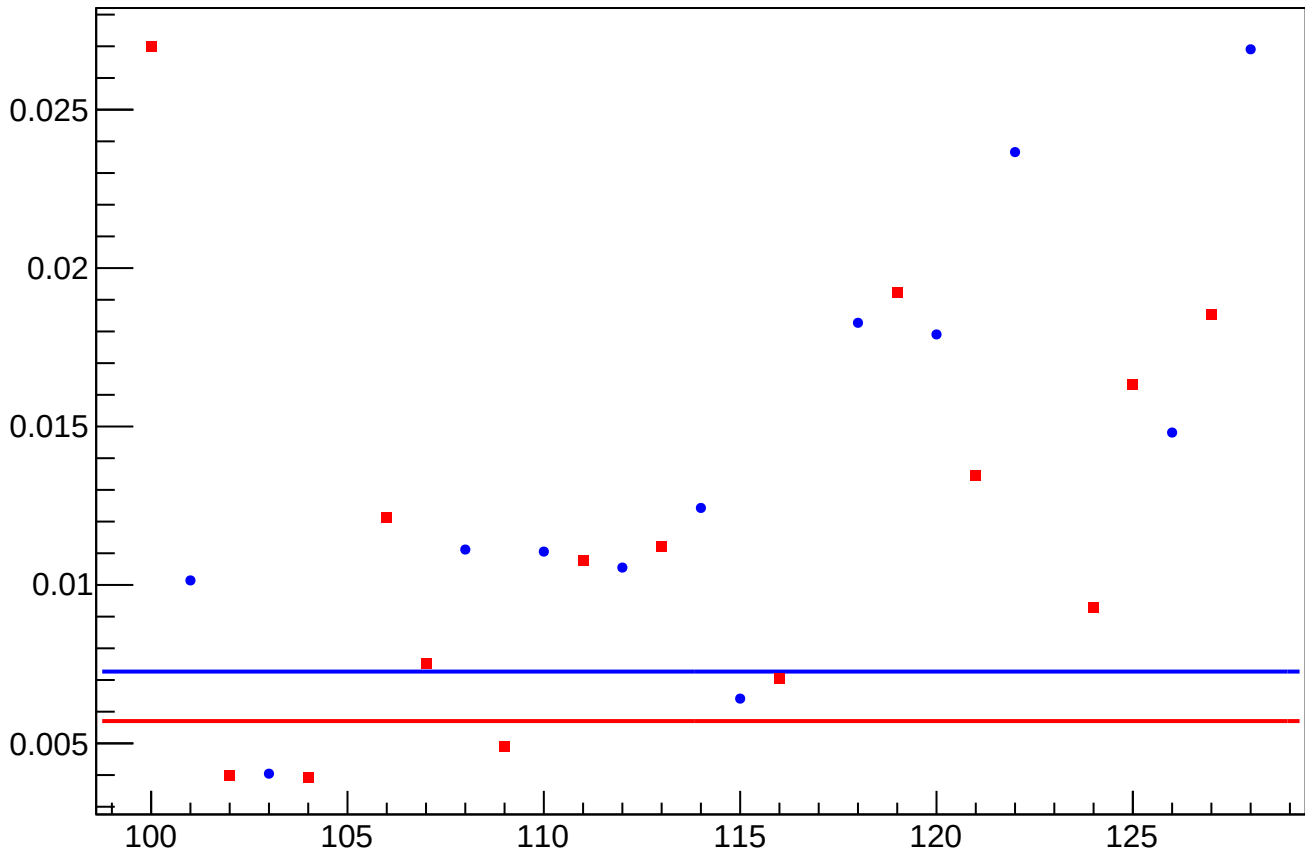
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.5/25

- sign 0.000+/-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 : 2871931.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 2800123.8/13

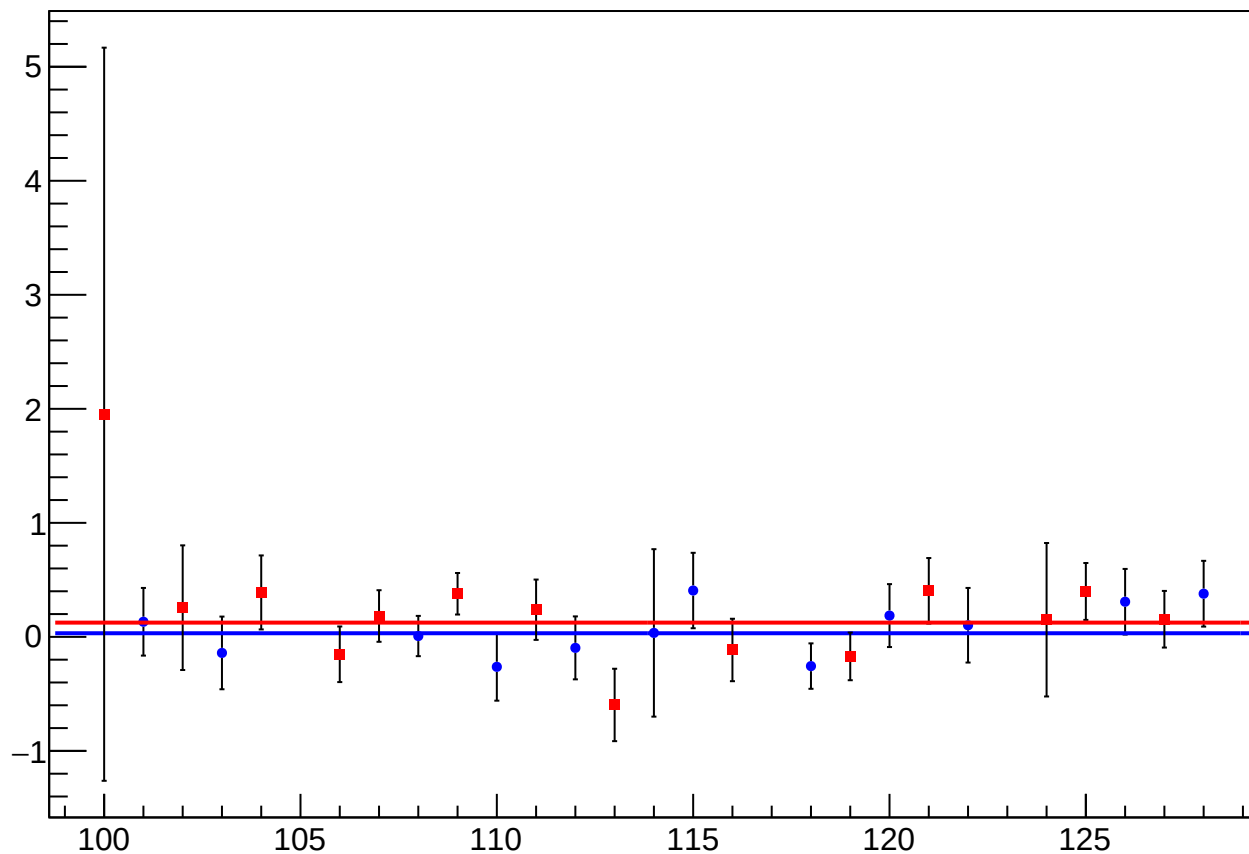
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 5871112.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.032 $\pm$ 0.079 χ^2 /NDF: 7.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.125 $\pm$ 0.073 χ^2 /NDF: 14.6/13

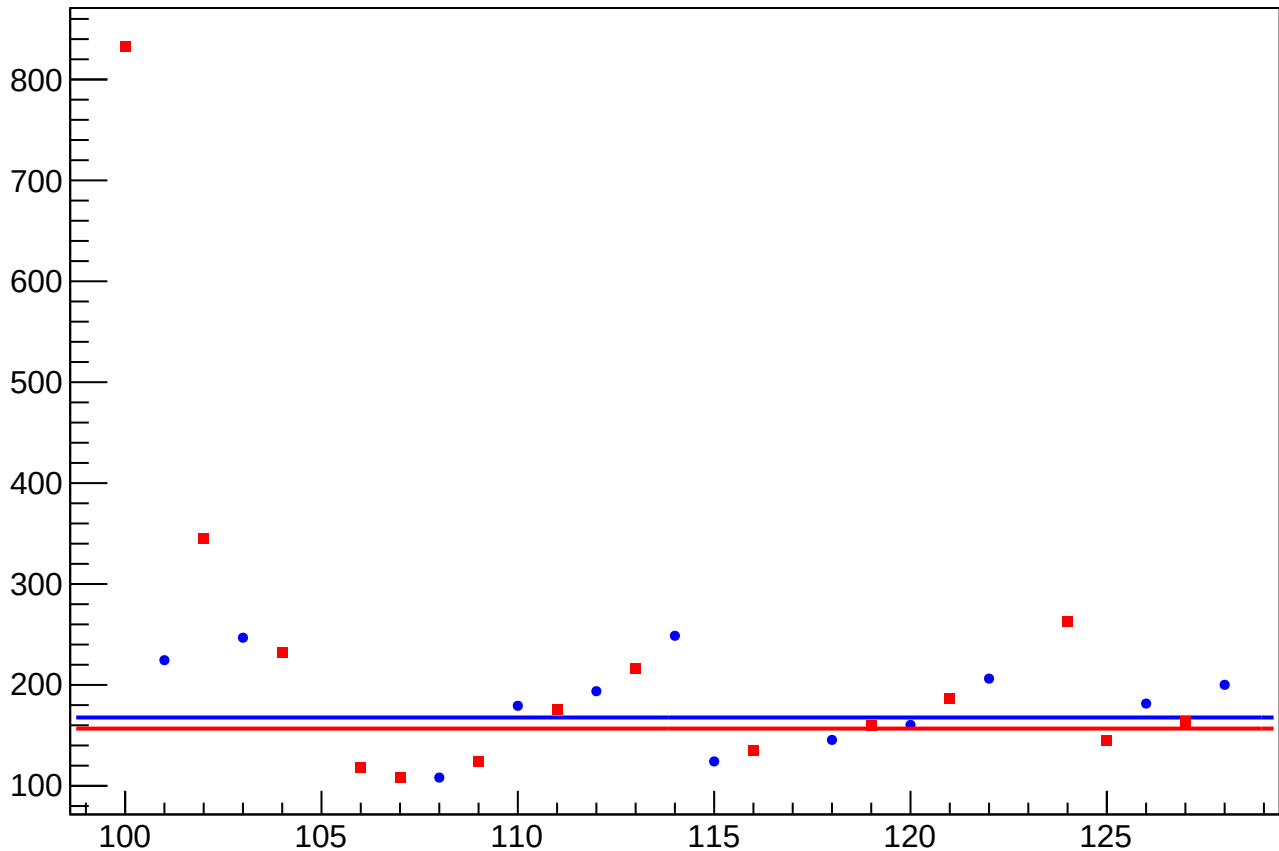
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.082 $\pm$ 0.054 χ^2 /NDF: 23.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 167.742 $\pm$ 0.056 χ^2 /NDF: 587325.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 156.747 $\pm$ 0.052 χ^2 /NDF: 811278.6/13

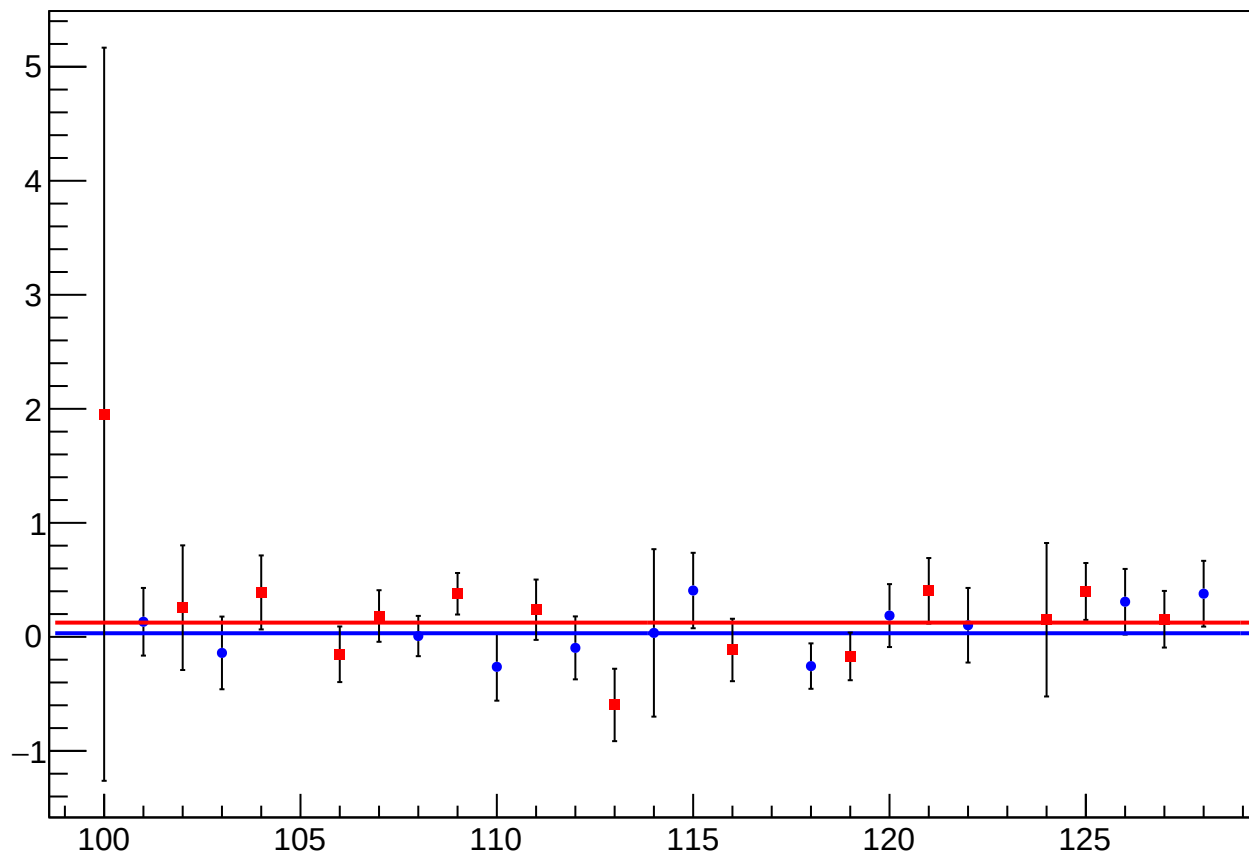
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 161.832 $\pm$ 0.038 χ^2 /NDF: 1419459.0/25

- 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: 0.032 $\pm$ 0.079 χ^2 /NDF: 7.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.125 $\pm$ 0.073 χ^2 /NDF: 14.6/13

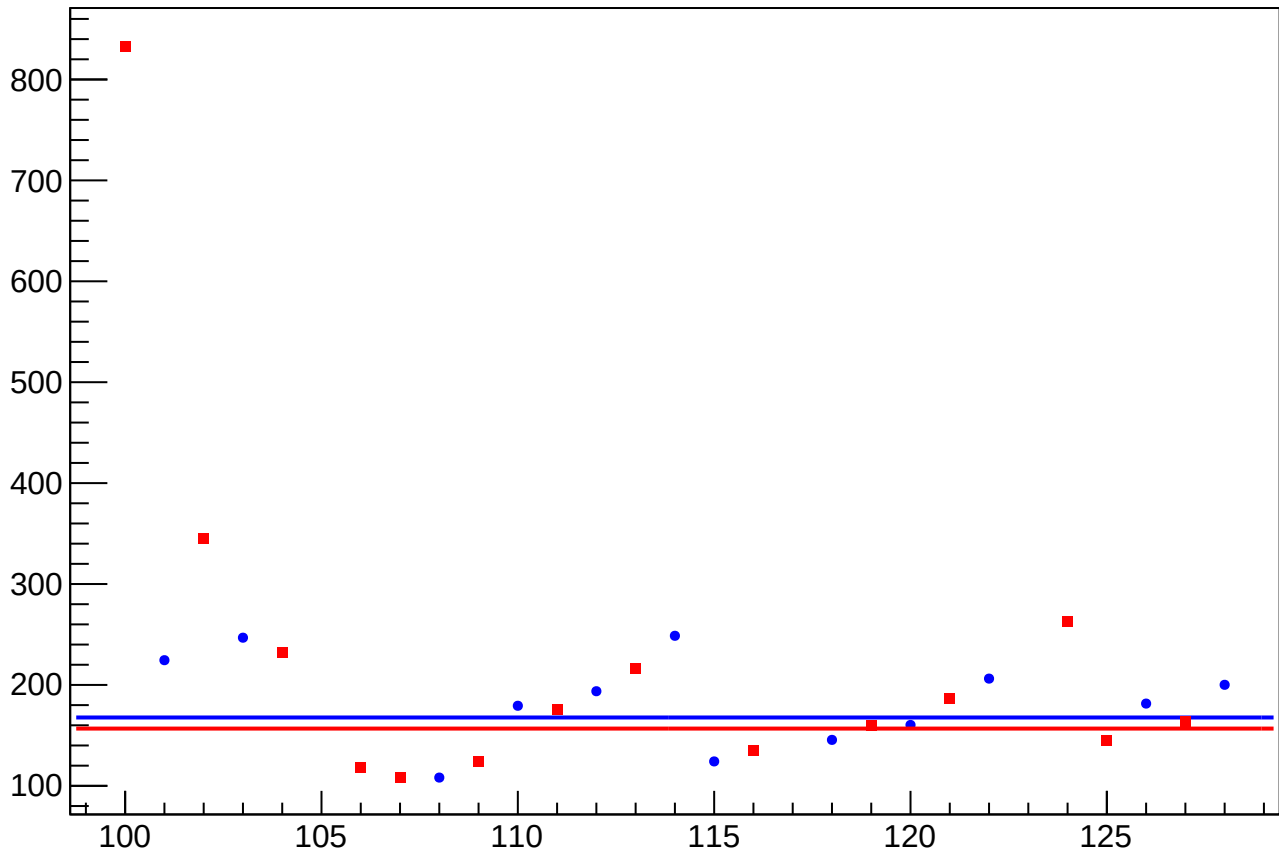
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.082 $\pm$ 0.054 χ^2 /NDF: 23.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 167.742 $\pm$ 0.056 χ^2 /NDF: 587325.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 156.747 $\pm$ 0.052 χ^2 /NDF: 811278.6/13

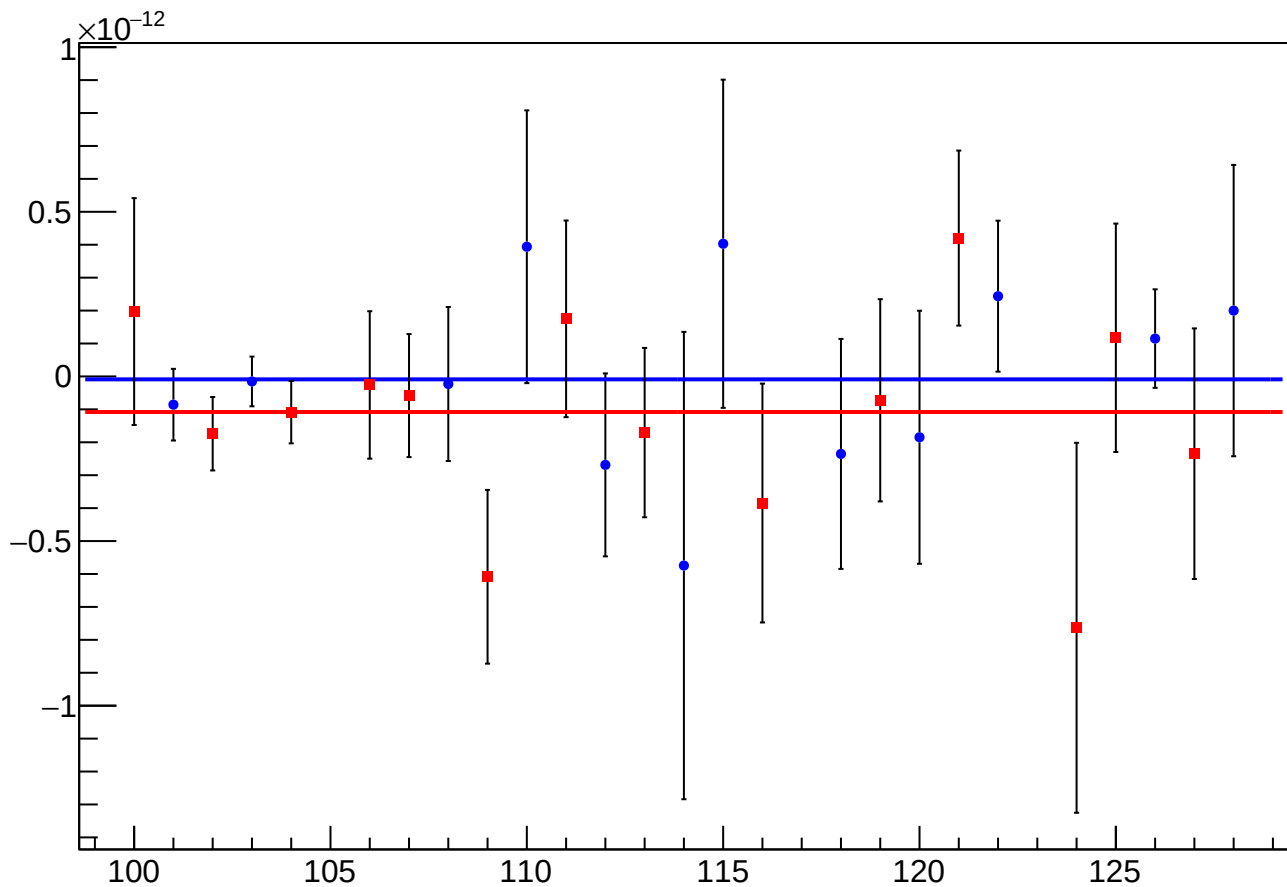
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 161.832 $\pm$ 0.038 χ^2 /NDF: 1419459.0/25

- 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 : 6.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.3/13

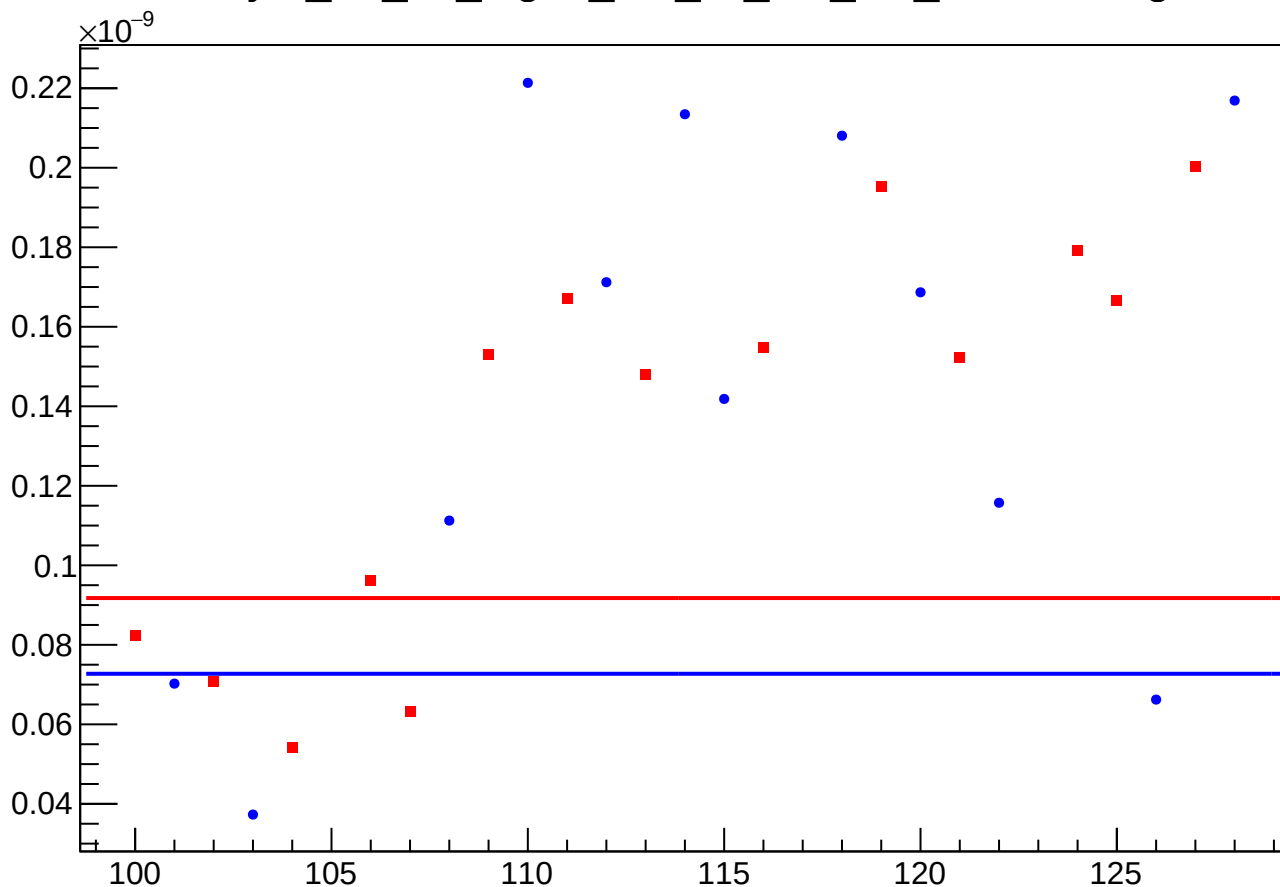
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.5/25

- 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 $\pm$ 0.000 χ^2 /NDF: 1833490.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1458022.9/13

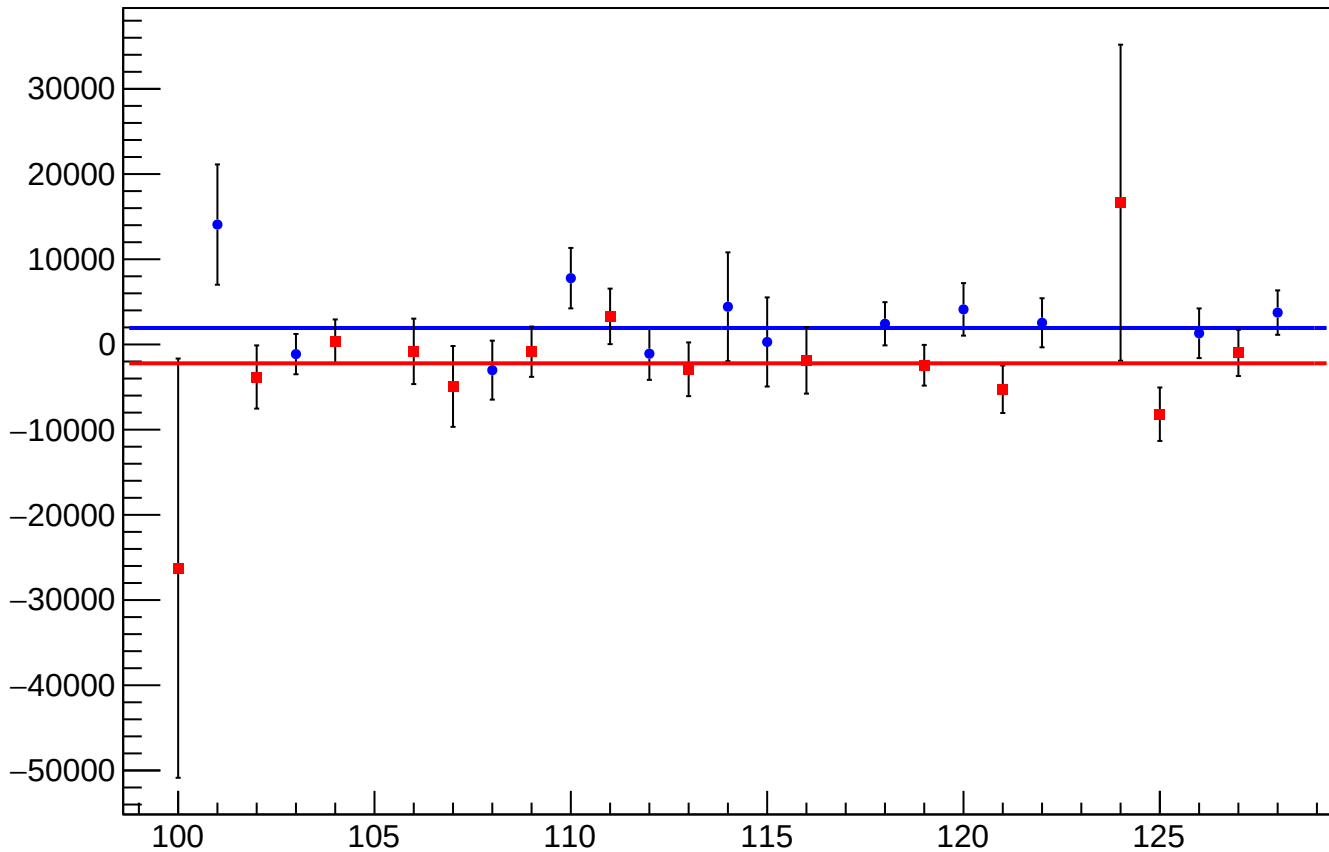
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3422850.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_avg_mean vs Slug



Right In: 1934.882 $\pm$ 922.339 χ^2 /NDF: 11.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2213.034 $\pm$ 893.742 χ^2 /NDF: 11.7/13

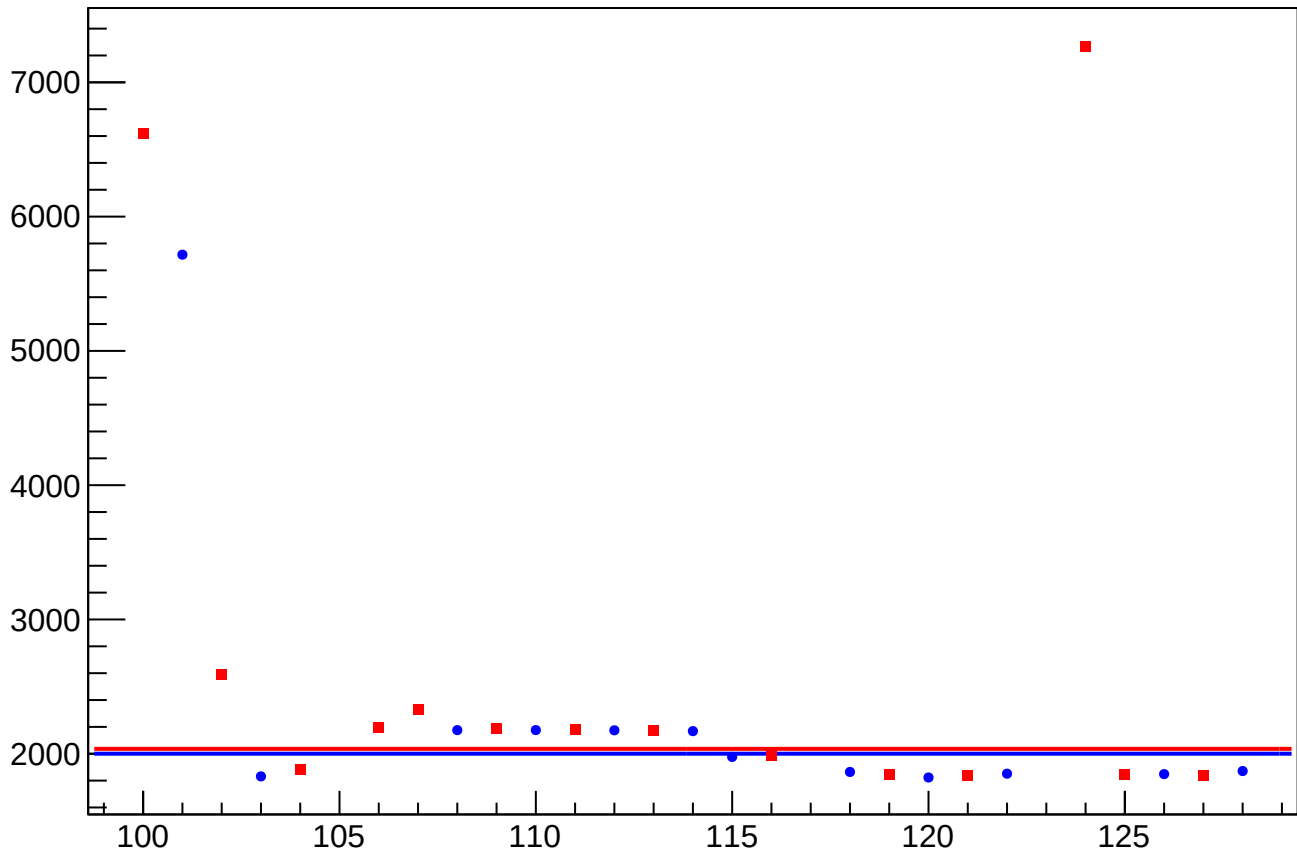
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -204.375 $\pm$ 641.843 χ^2 /NDF: 33.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_avg_rms vs Slug



Right In: 2000.357 $\pm$ 0.652 χ^2 /NDF: 610407.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2036.497 $\pm$ 0.632 χ^2 /NDF: 345263.1/13

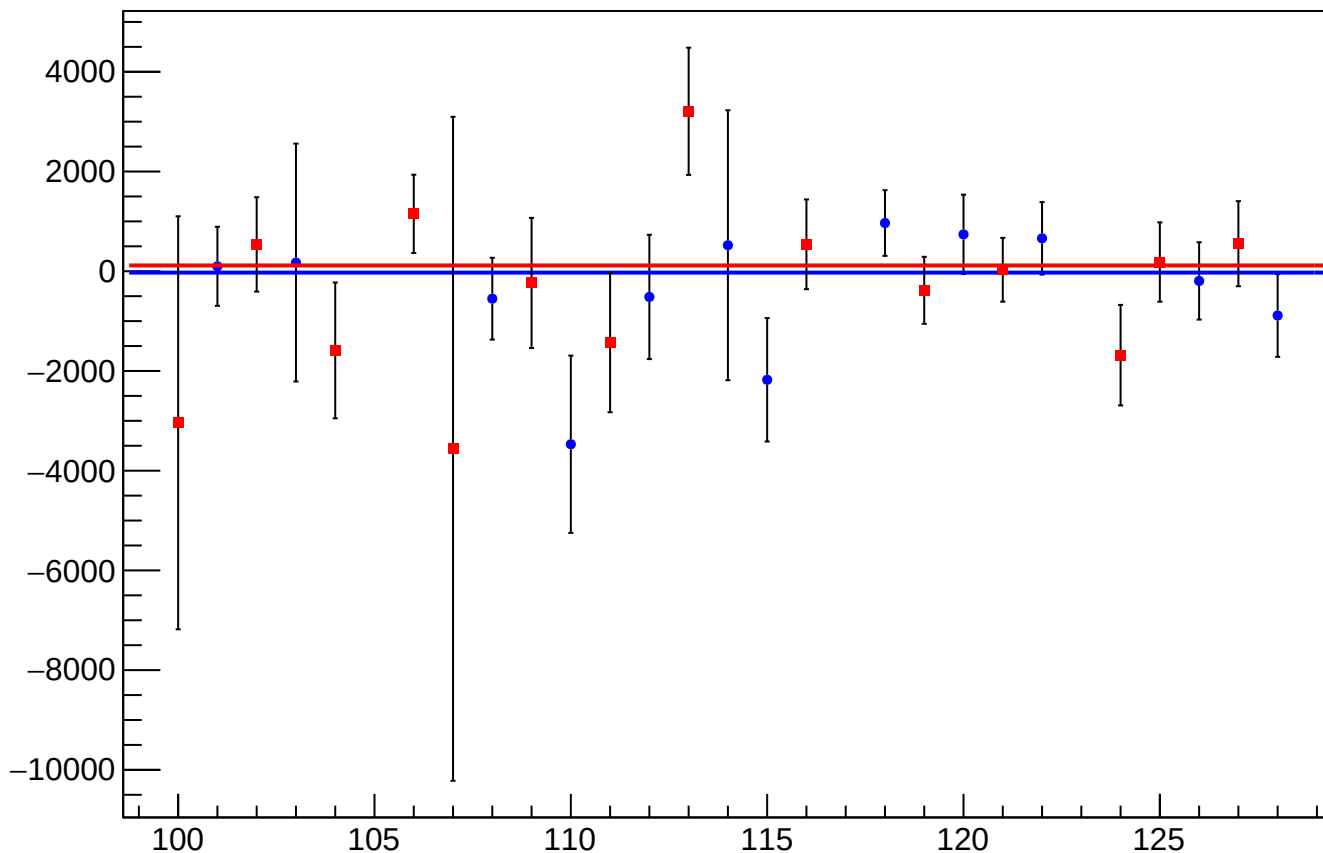
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2018.996 $\pm$ 0.454 χ^2 /NDF: 957253.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_reg_correction_mean vs Slug



Right In: -26.991+/-268.299 χ^2/NDF : 12.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.584+/-259.017 χ^2/NDF : 15.8/13

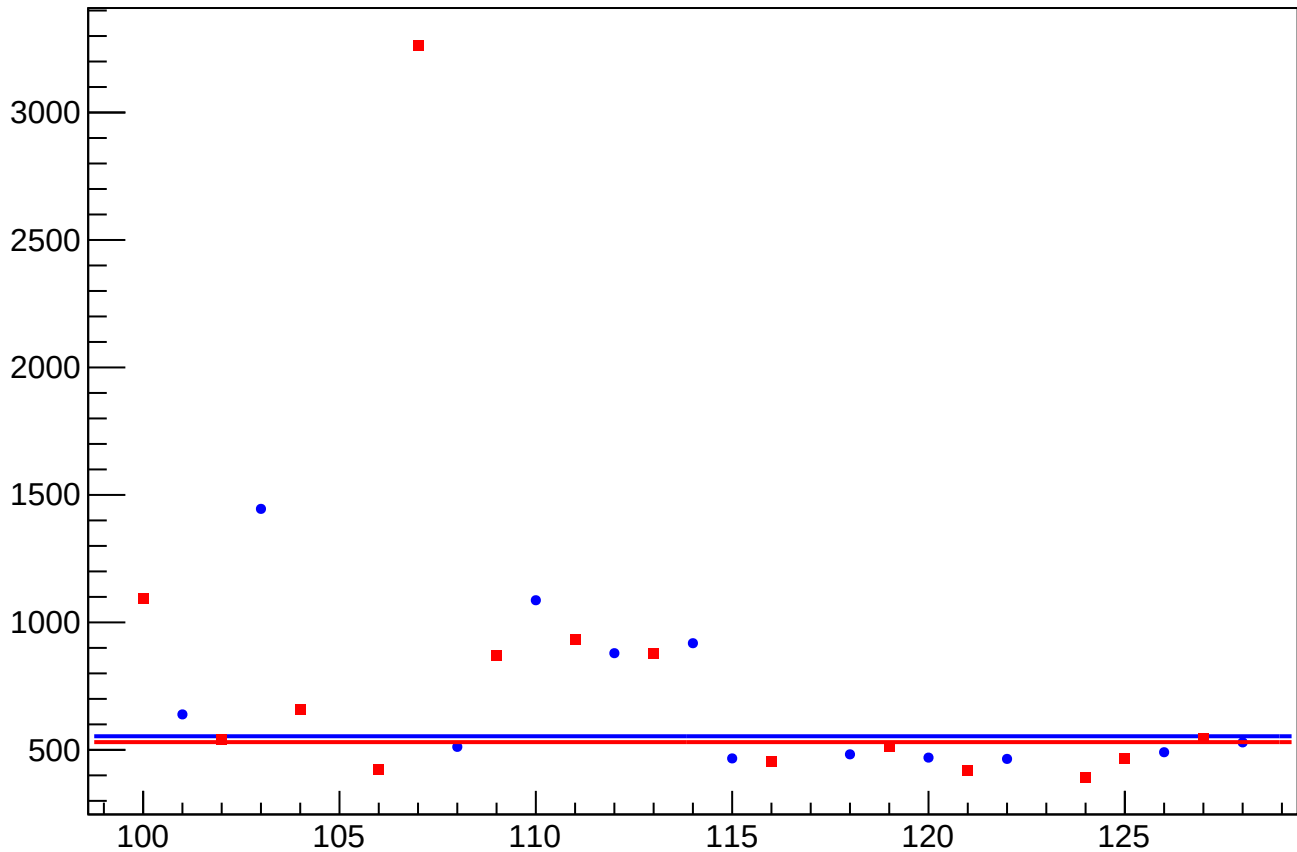
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.323+/-186.348 χ^2/NDF : 28.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_reg_correction_rms vs Slug



Right In: 553.445 $\pm$ 0.190 χ^2 /NDF: 761080.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 530.411 $\pm$ 0.183 χ^2 /NDF: 1006829.1/13

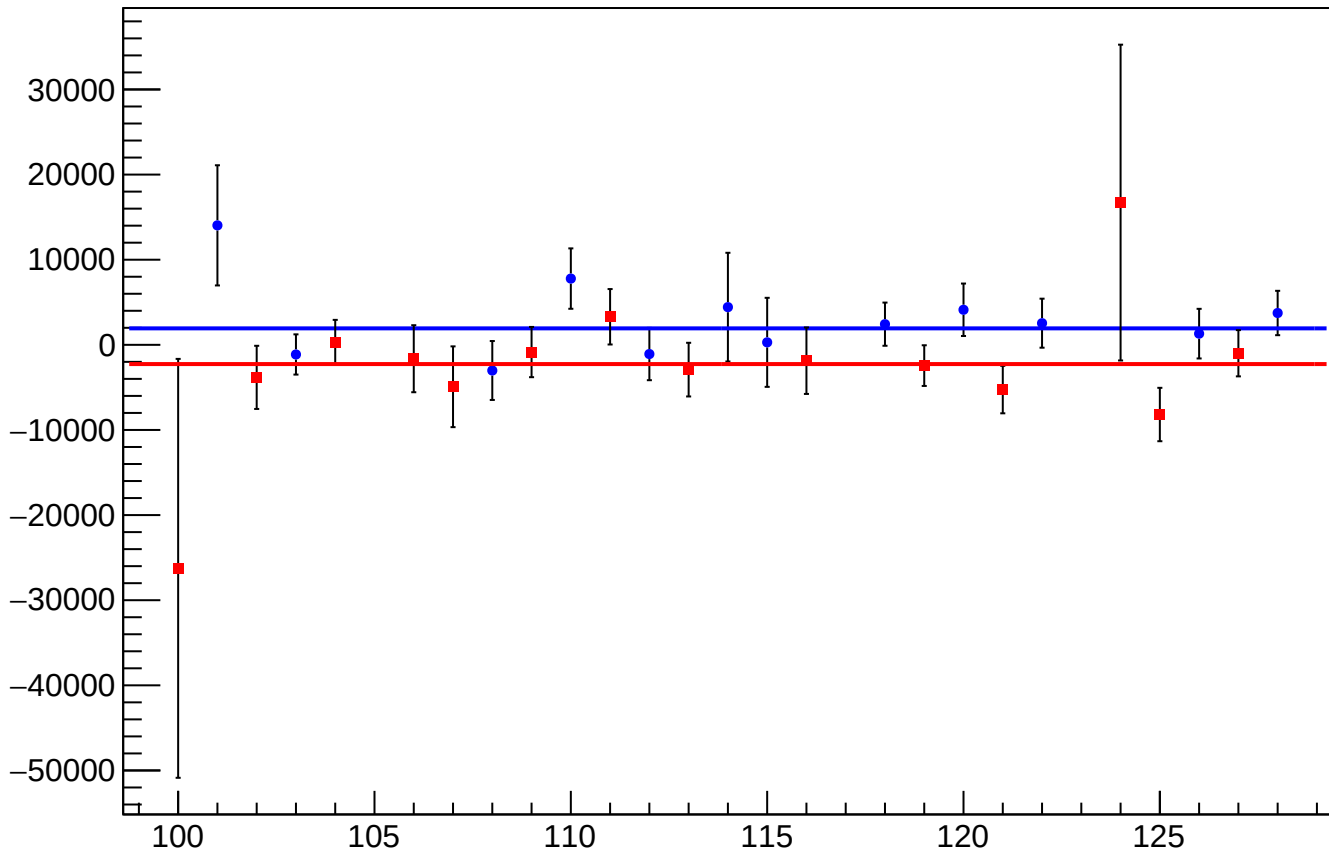
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 541.523 $\pm$ 0.132 χ^2 /NDF: 1775540.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_at1_avg_mean vs Slug



Right In: 1934.430+/-922.339 χ^2/NDF : 11.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2259.504+/-894.901 χ^2/NDF : 11.6/13

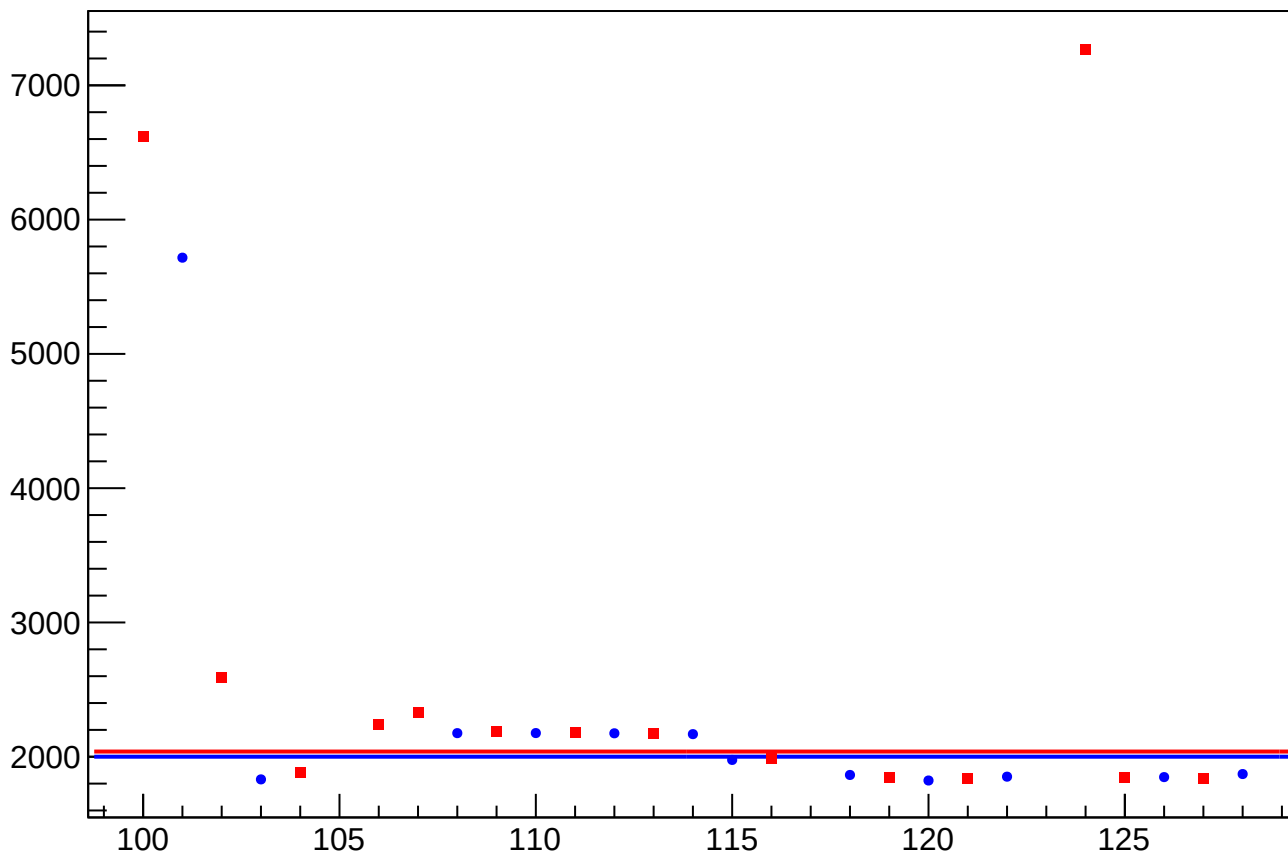
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -225.846+/-642.272 χ^2/NDF : 34.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at1_avg_rms vs Slug



Right In: 2000.357+/-0.652 χ^2/NDF : 610407.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2038.716+/-0.633 χ^2/NDF : 347471.4/13

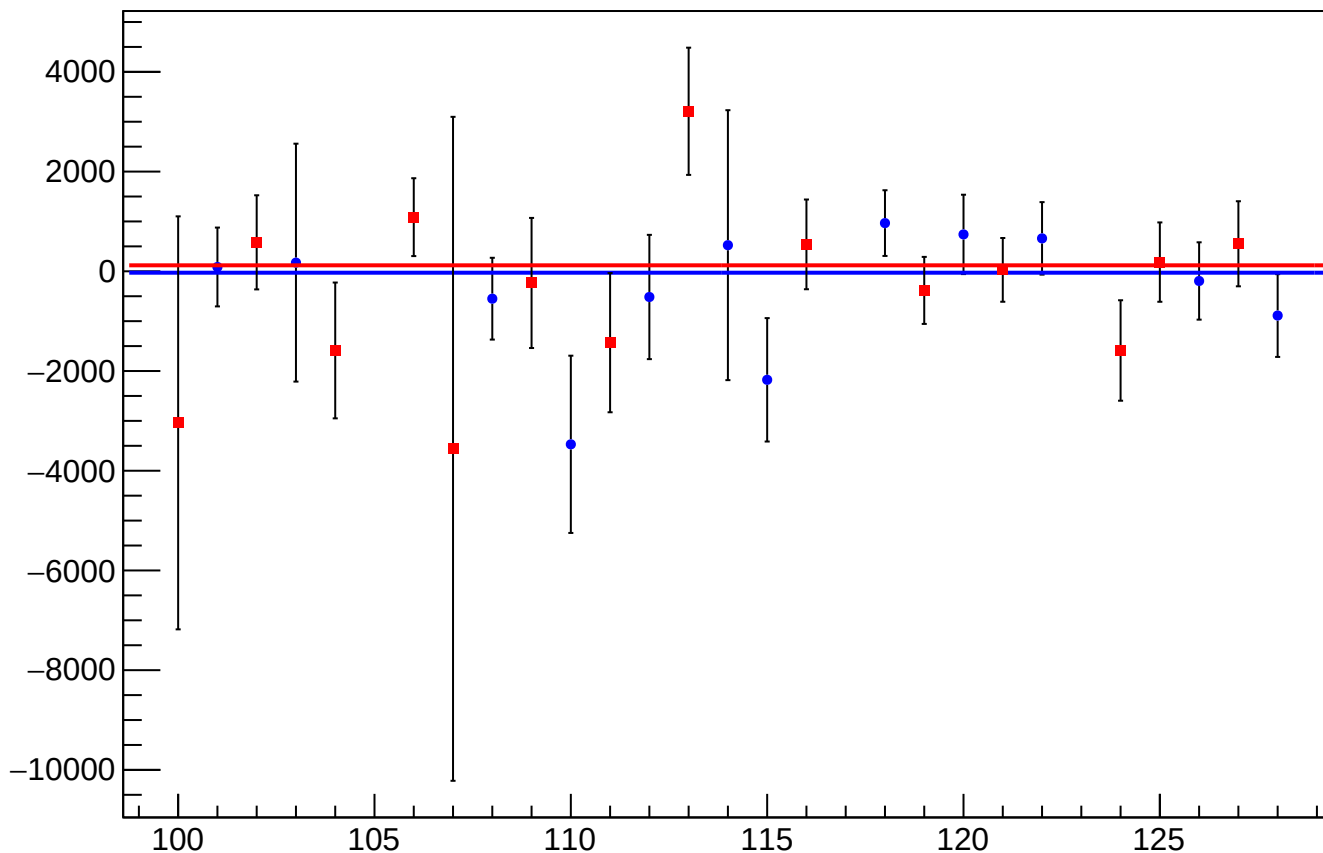
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2020.116+/-0.454 χ^2/NDF : 959660.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_cor_correction_mean vs Slug



Right In: -28.172 ± 268.223 χ^2/NDF : 12.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 120.164 ± 258.799 χ^2/NDF : 15.3/13

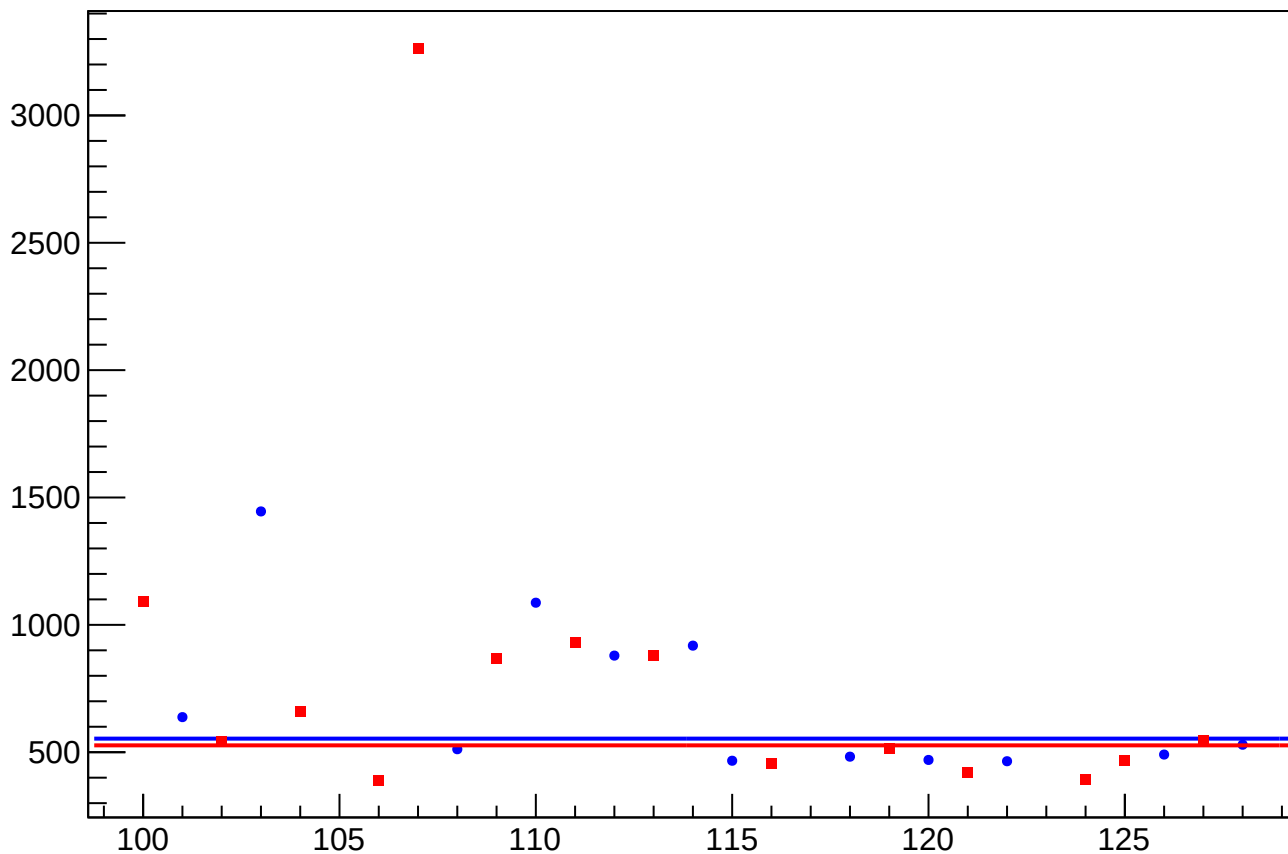
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 48.648 ± 186.241 χ^2/NDF : 28.1/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at1_avg_cor_correction_rms vs Slug



Right In: 553.337+/-0.190 χ^2/NDF : 760415.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 526.911+/-0.183 χ^2/NDF : 1034989.8/13

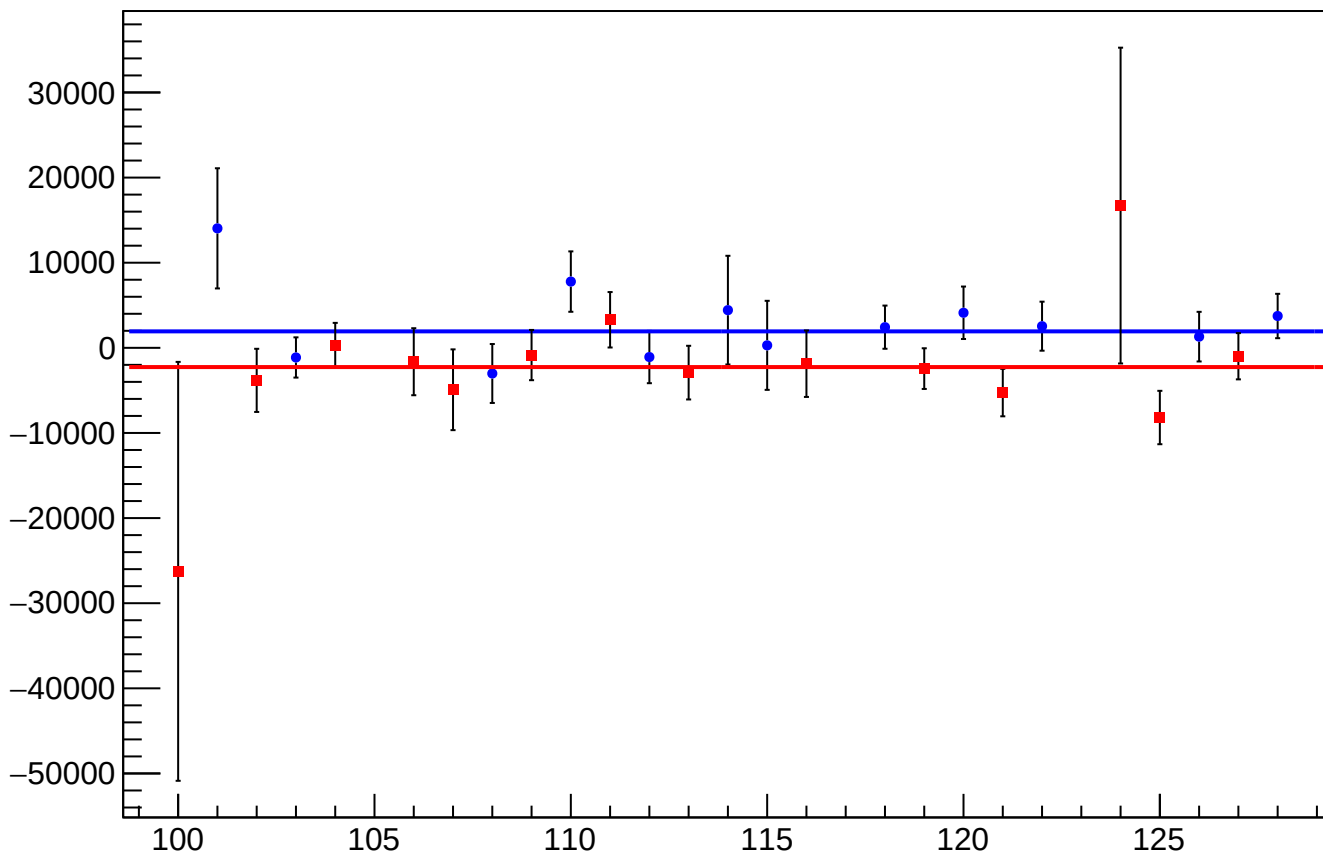
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 539.652+/-0.132 χ^2/NDF : 1805458.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_avg_mean vs Slug



Right In: 1934.430+/-922.339 χ^2/NDF : 11.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2259.504+/-894.901 χ^2/NDF : 11.6/13

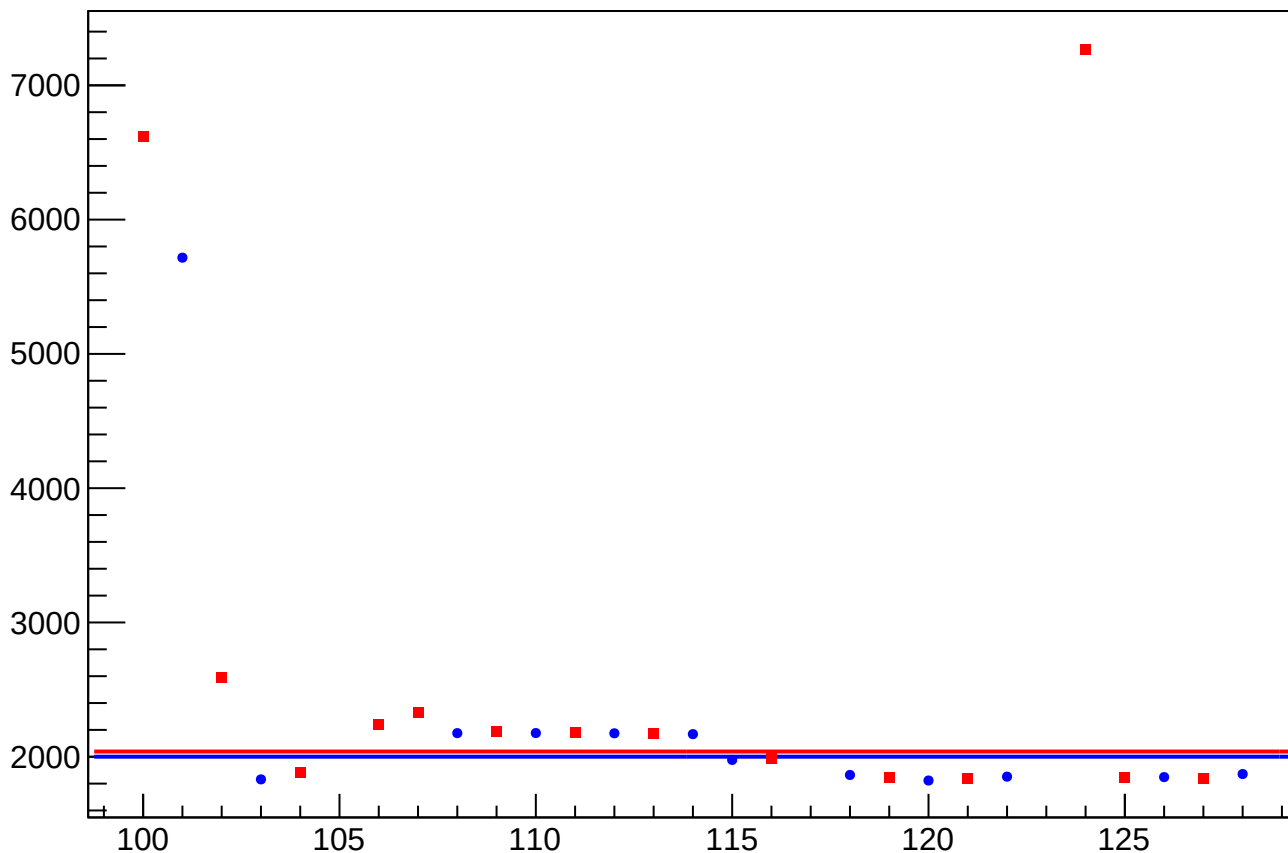
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -225.846+/-642.272 χ^2/NDF : 34.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_avg_rms vs Slug



Right In: 2000.357+/-0.652 χ^2/NDF : 610407.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2038.716+/-0.633 χ^2/NDF : 347471.4/13

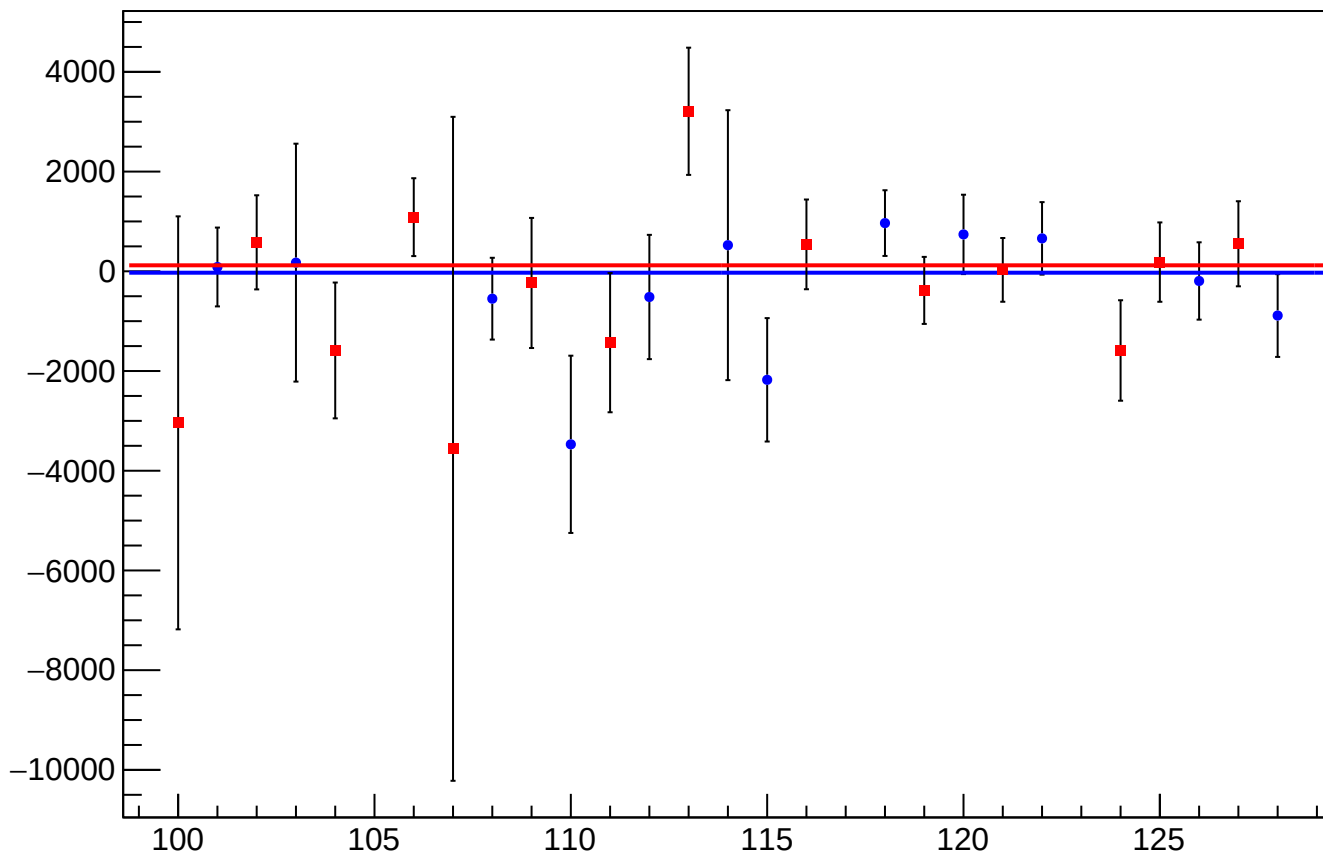
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2020.116+/-0.454 χ^2/NDF : 959660.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_cor_correction_mean vs Slug



Right In: -28.172 ± 268.223 χ^2/NDF : 12.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 120.164 ± 258.799 χ^2/NDF : 15.3/13

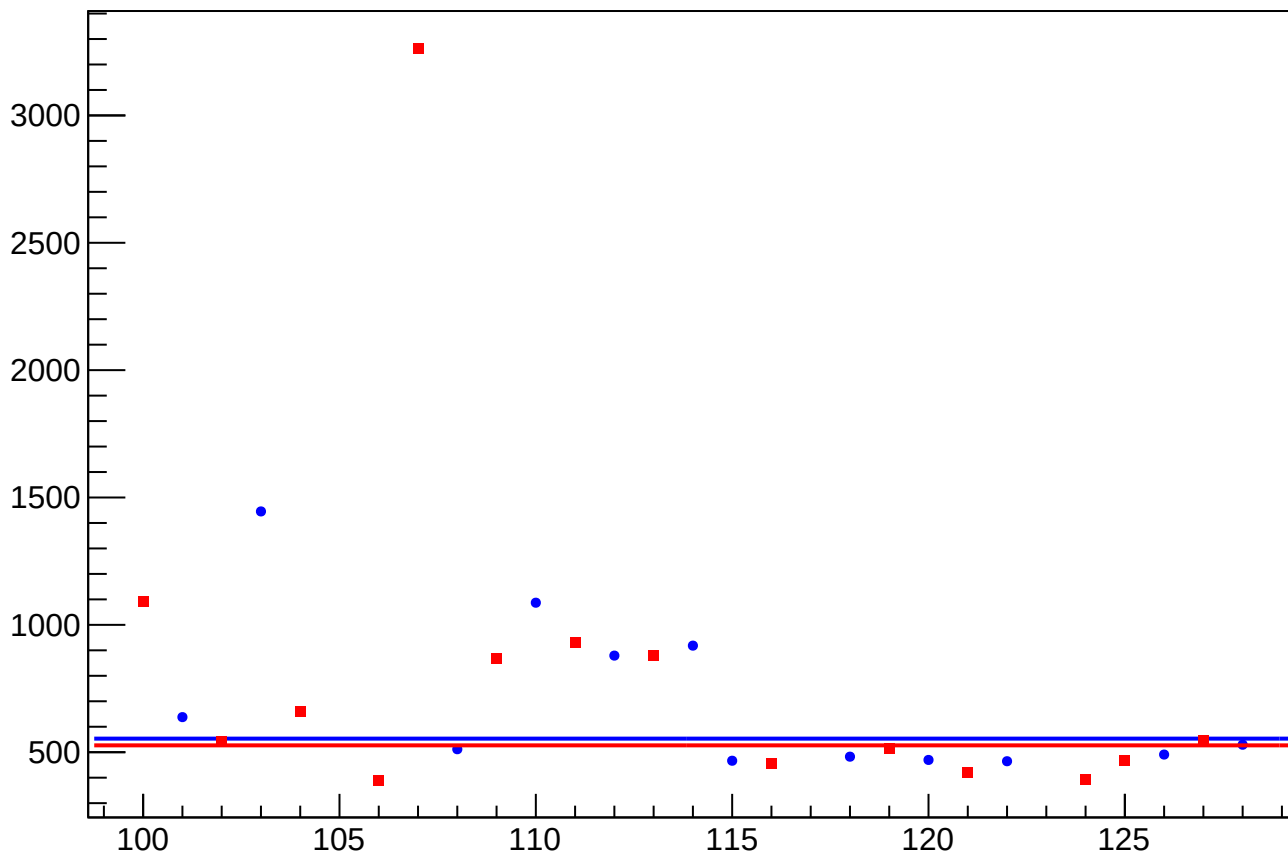
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 48.648 ± 186.241 χ^2/NDF : 28.1/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_cor_correction_rms vs Slug



Right In: 553.337+/-0.190 χ^2/NDF : 760415.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 526.911+/-0.183 χ^2/NDF : 1034989.8/13

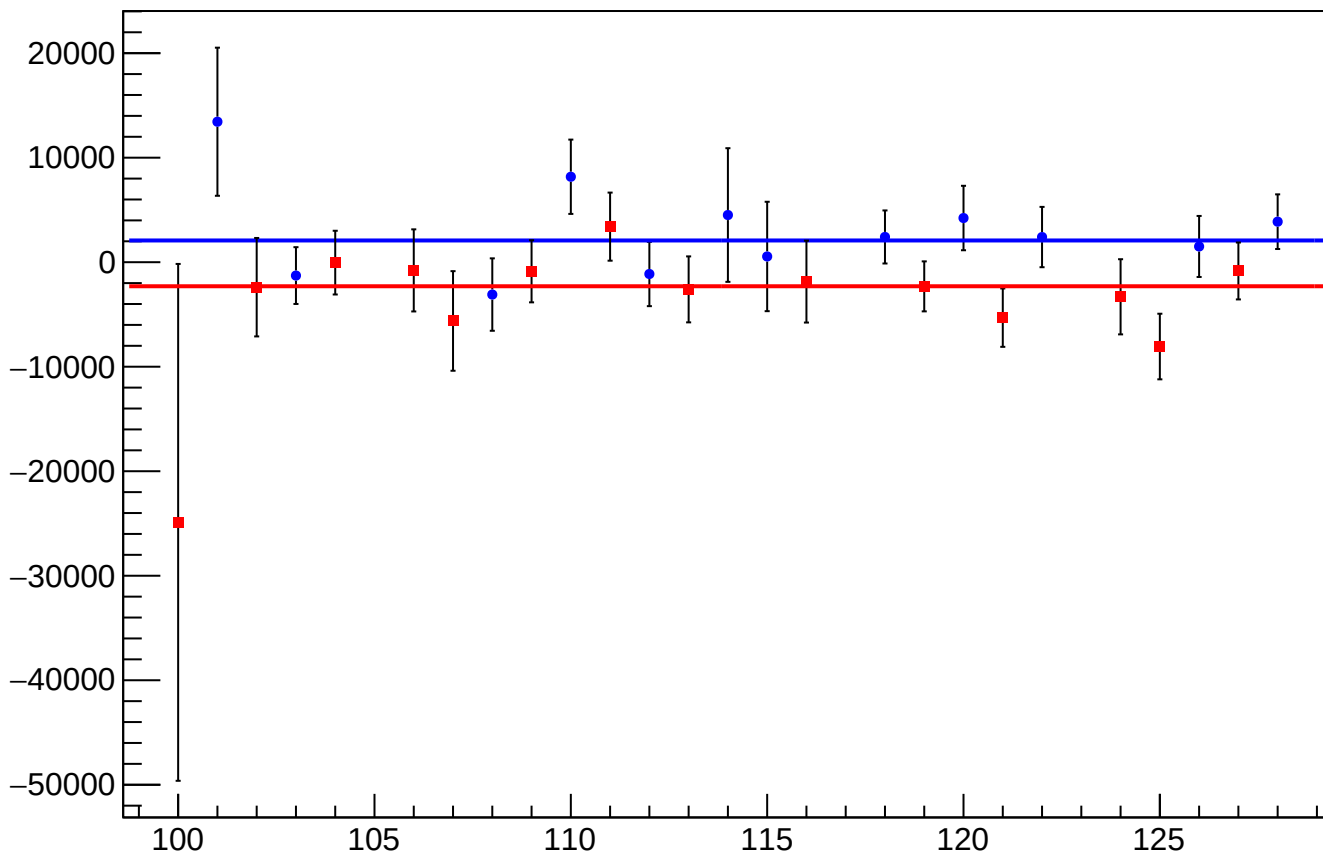
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 539.652+/-0.132 χ^2/NDF : 1805458.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at1_avg_mean vs Slug



Right In: 2079.142 $\pm$ 941.290 χ^2 /NDF: 11.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2301.709 $\pm$ 893.410 χ^2 /NDF: 10.2/13

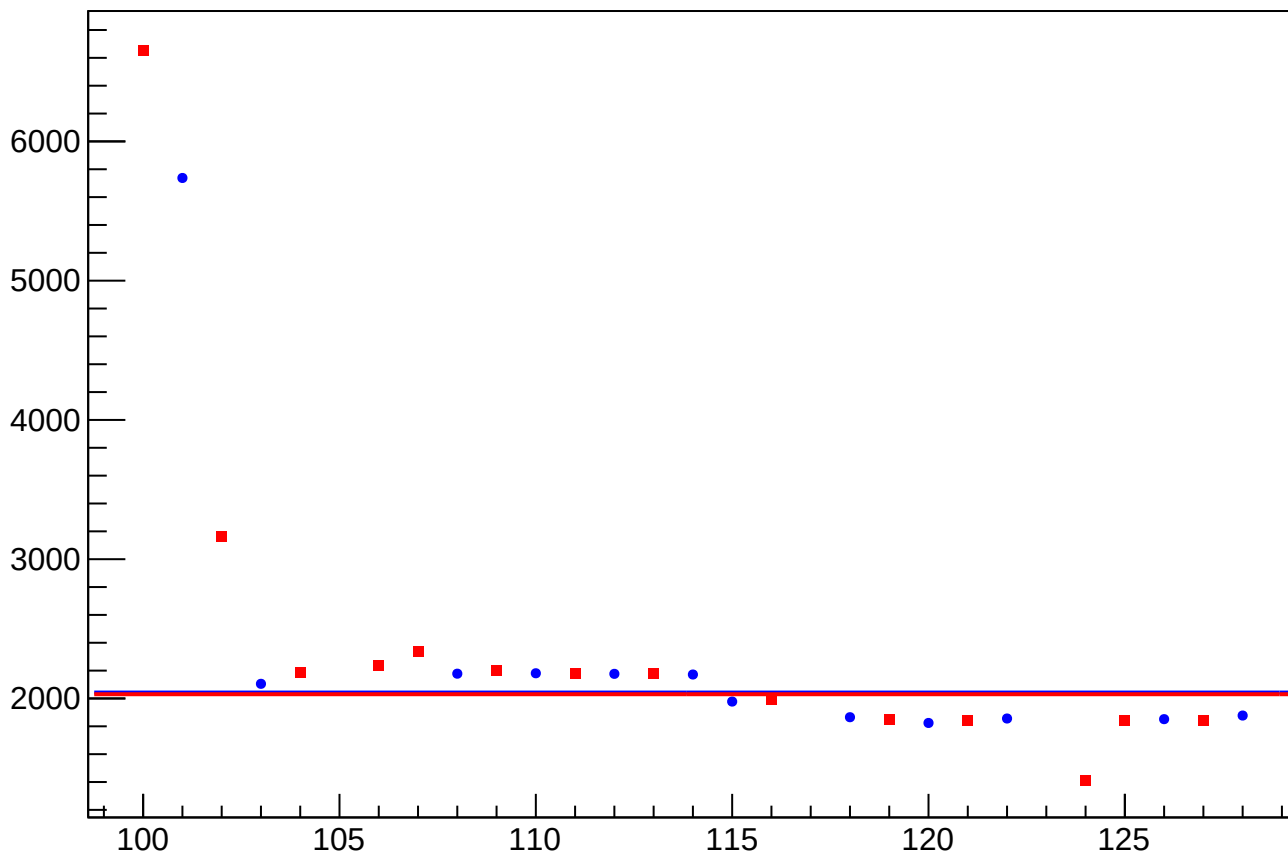
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -225.532 $\pm$ 648.002 χ^2 /NDF: 33.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at1_avg_rms vs Slug



Right In: 2042.408+/-0.666 χ^2/NDF : 600548.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2030.457+/-0.632 χ^2/NDF : 316500.8/13

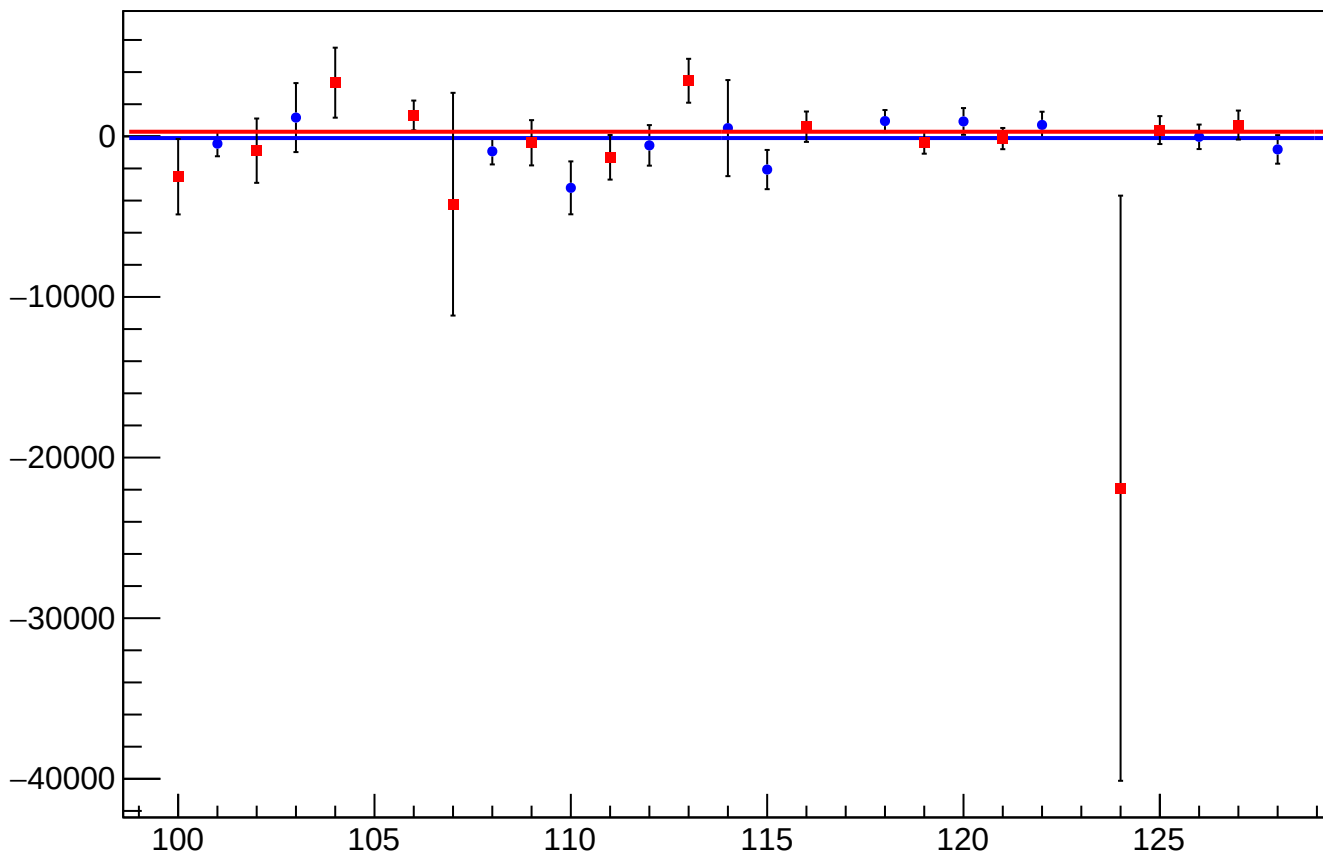
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2036.121+/-0.458 χ^2/NDF : 917219.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_dit_correction_mean vs Slug



Right In: -107.672+/-275.662 χ^2 /NDF: 13.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 286.396+/-295.740 χ^2 /NDF: 15.5/13

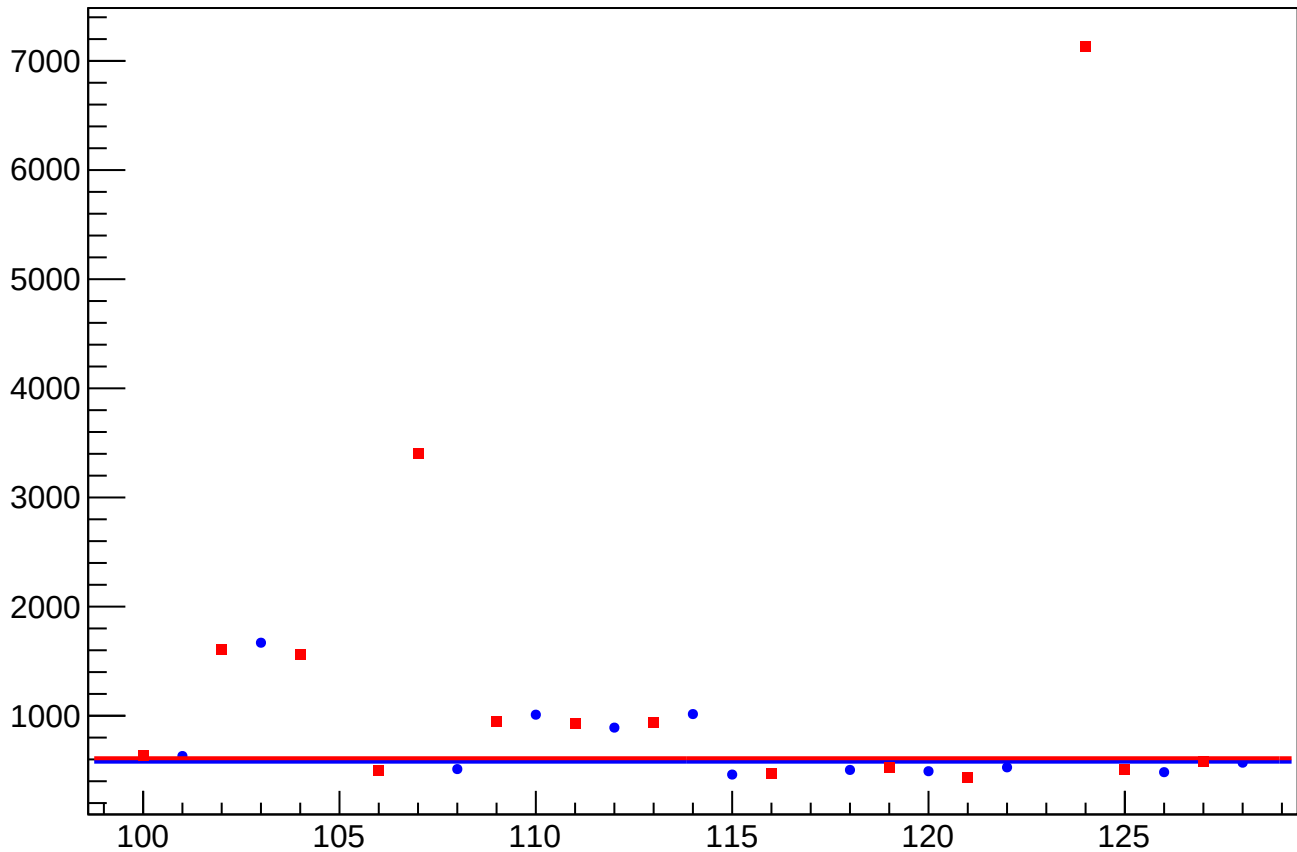
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 75.532+/-201.647 χ^2 /NDF: 29.9/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_dit_correction_rms vs Slug



Right In: 579.341+/-0.195 χ^2/NDF : 943820.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

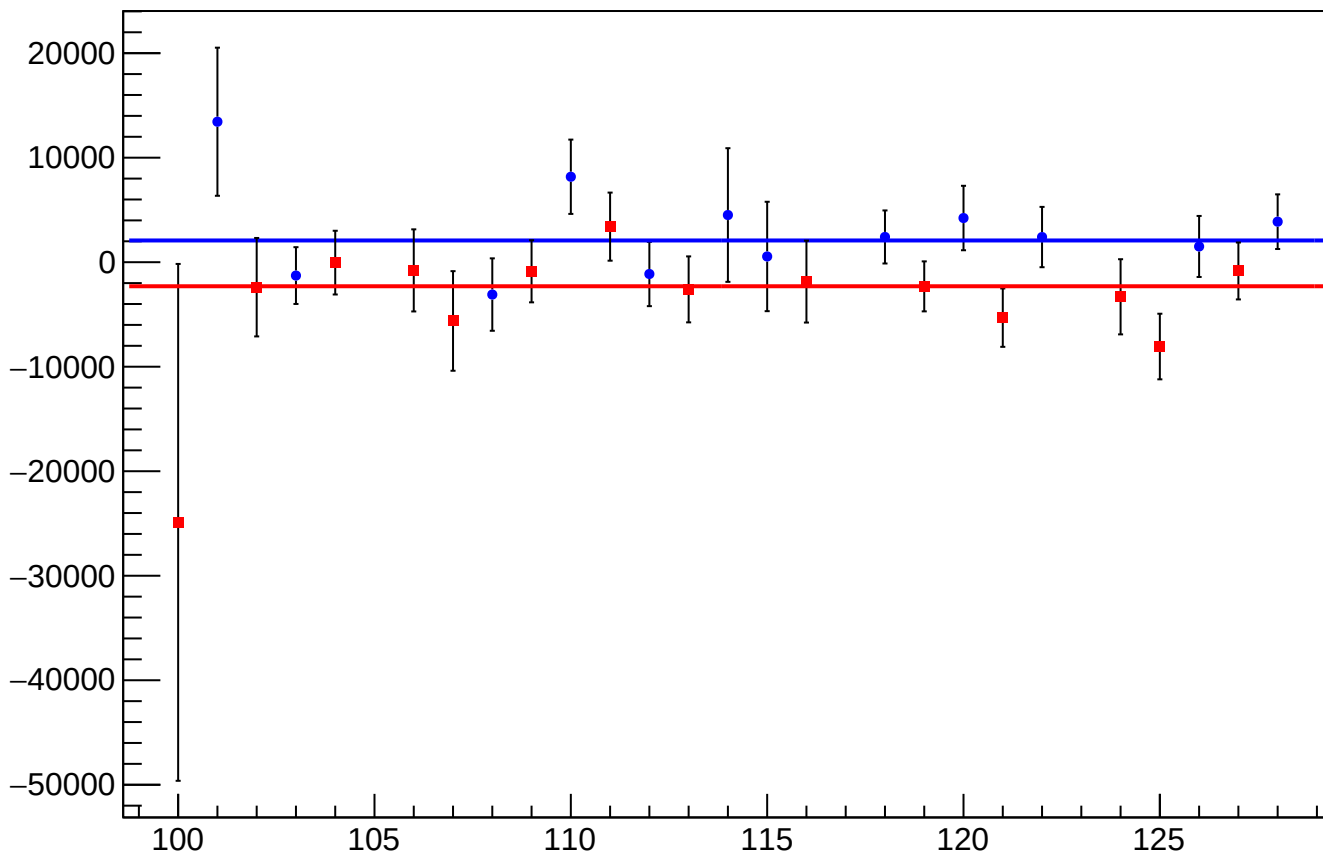
Right Out: 610.649+/-0.209 χ^2/NDF : 2070085.9/13

All: 593.896+/-0.143 χ^2/NDF : 3025900.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_avg_mean vs Slug



Right In: 2079.140+/-941.290 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2301.707+/-893.410 χ^2/NDF : 10.2/13

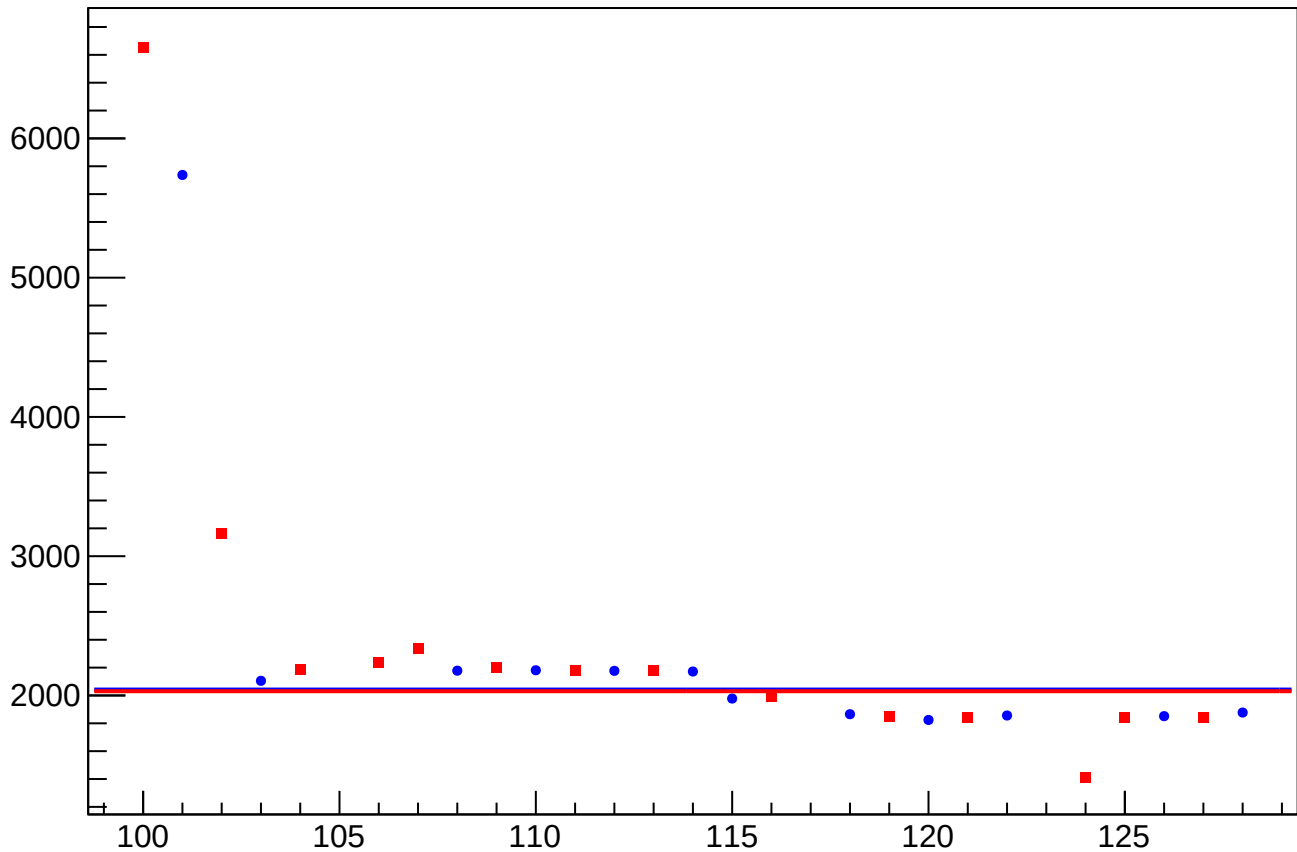
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -225.532+/-648.002 χ^2/NDF : 33.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_avg_rms vs Slug



Right In: 2042.408+/-0.666 χ^2/NDF : 600548.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2030.456+/-0.632 χ^2/NDF : 316499.7/13

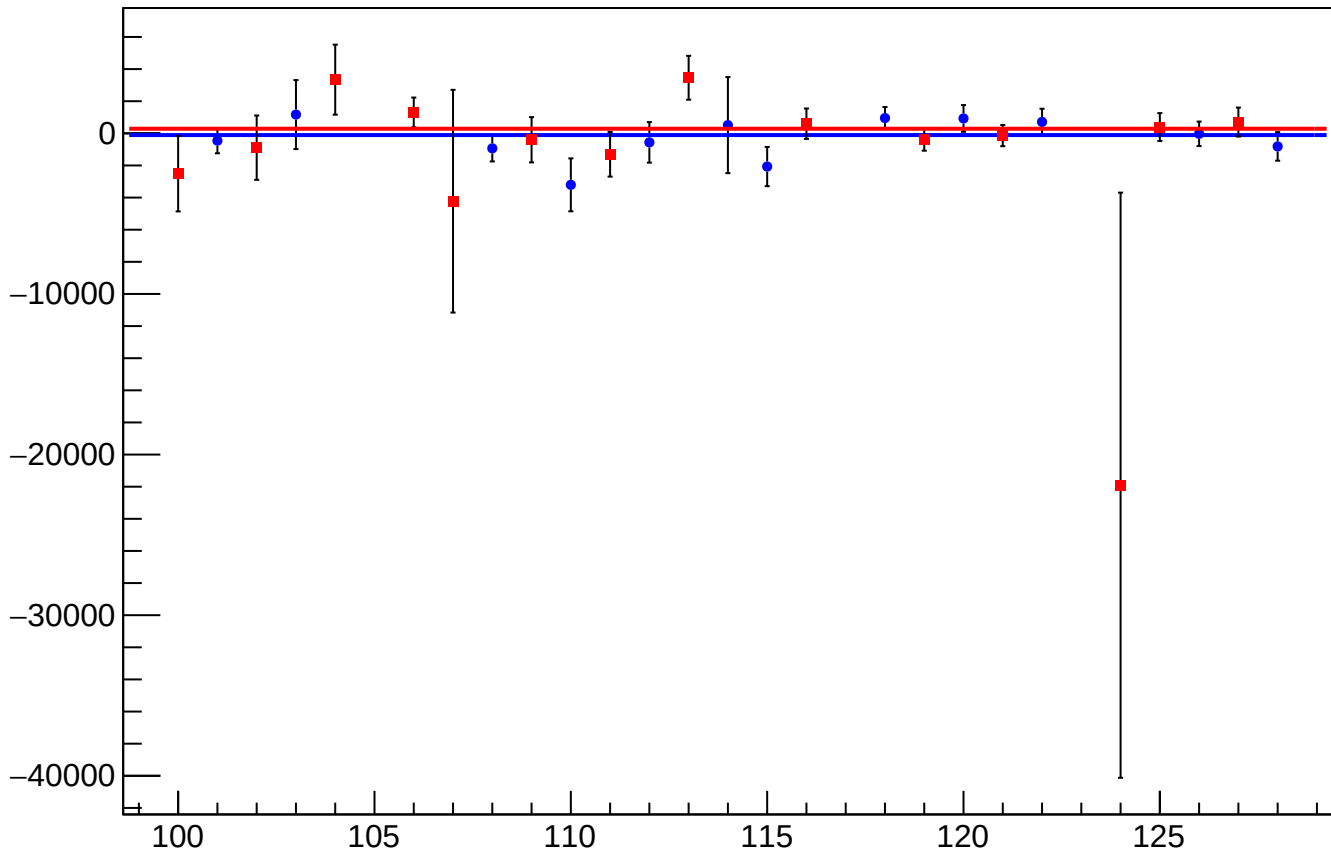
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2036.120+/-0.458 χ^2/NDF : 917218.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_dit_correction_mean vs Slug



Right In: -107.671+/-275.662 χ^2 /NDF: 13.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 286.395+/-295.740 χ^2 /NDF: 15.5/13

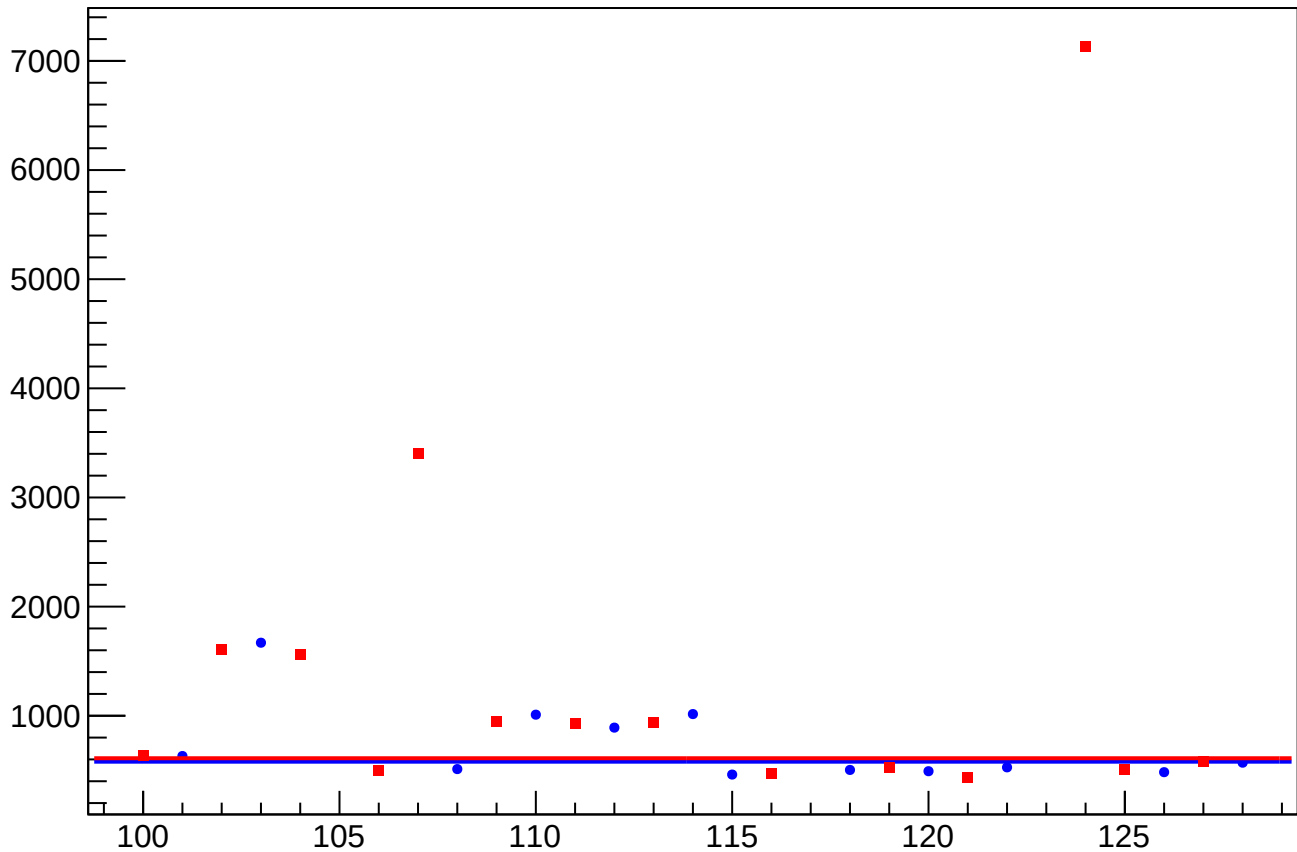
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 75.532+/-201.647 χ^2 /NDF: 29.9/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_eigen_dit_correction_rms vs Slug



Right In: 579.339+/-0.195 χ^2/NDF : 943824.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 610.649+/-0.209 χ^2/NDF : 2070092.0/13

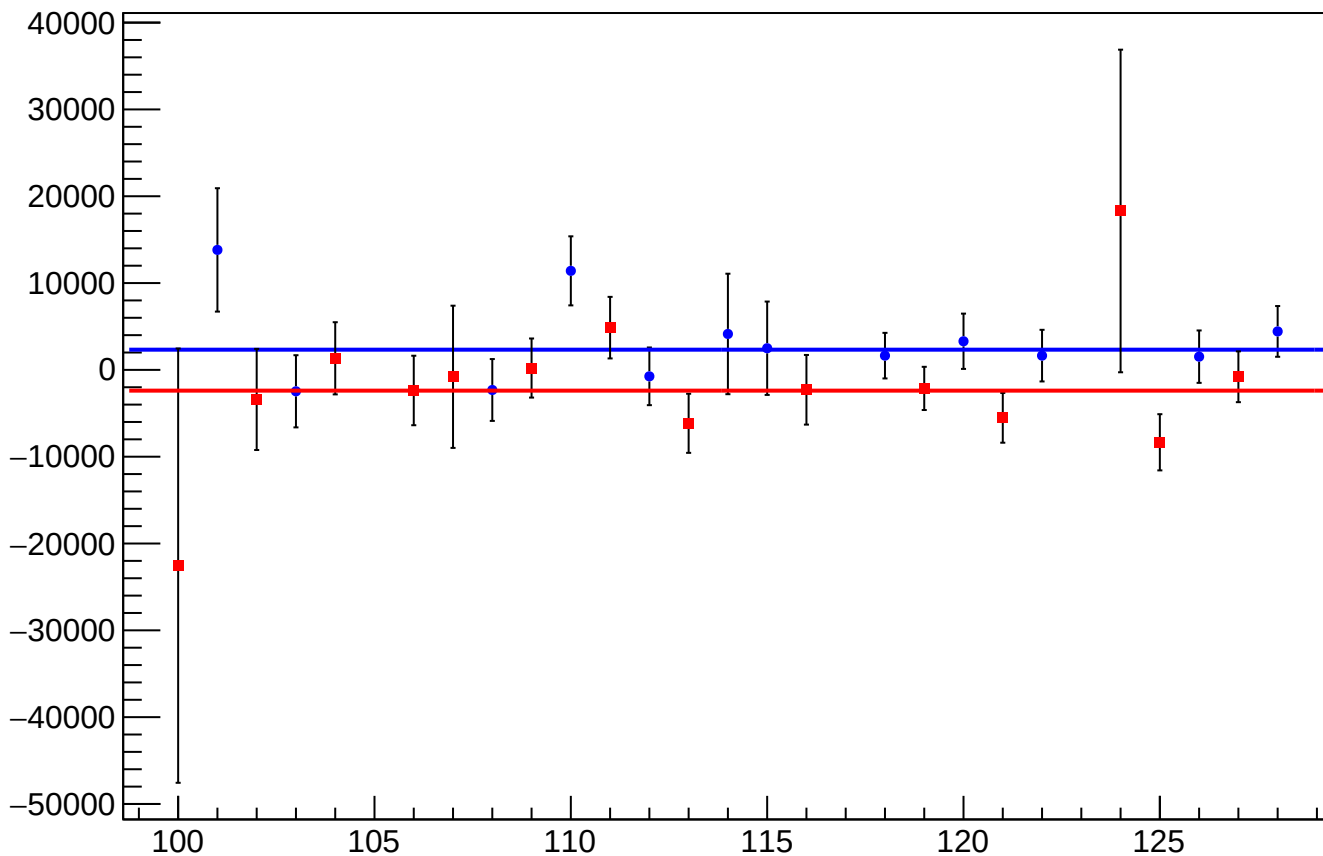
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 593.895+/-0.143 χ^2/NDF : 3025910.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_mean vs Slug



Right In: 2326.711+/-1026.268 χ^2/NDF : 12.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2390.303+/-1010.636 χ^2/NDF : 13.6/13

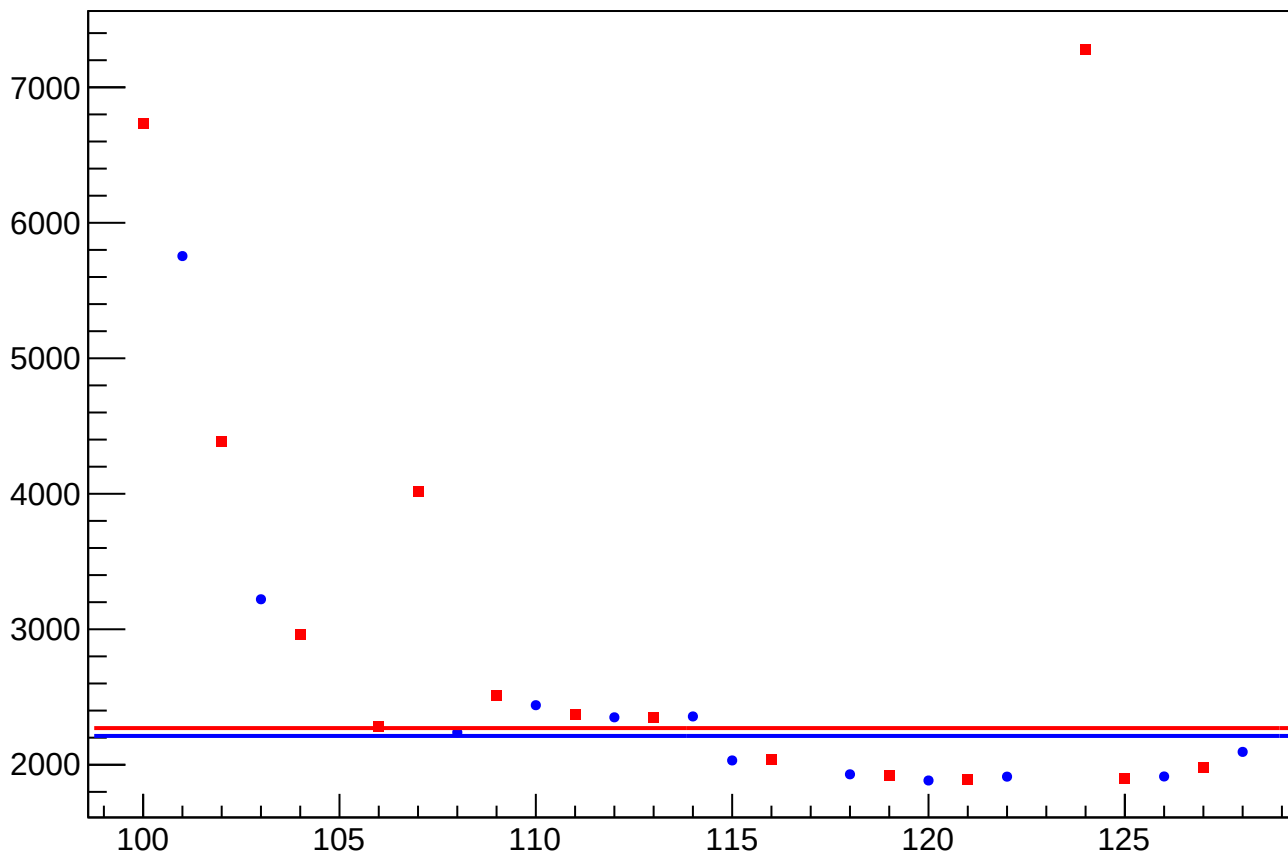
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -67.993+/-720.091 χ^2/NDF : 36.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_rms vs Slug



Right In: 2212.822+/-0.726 χ^2/NDF : 715660.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2270.804+/-0.715 χ^2/NDF : 758954.4/13

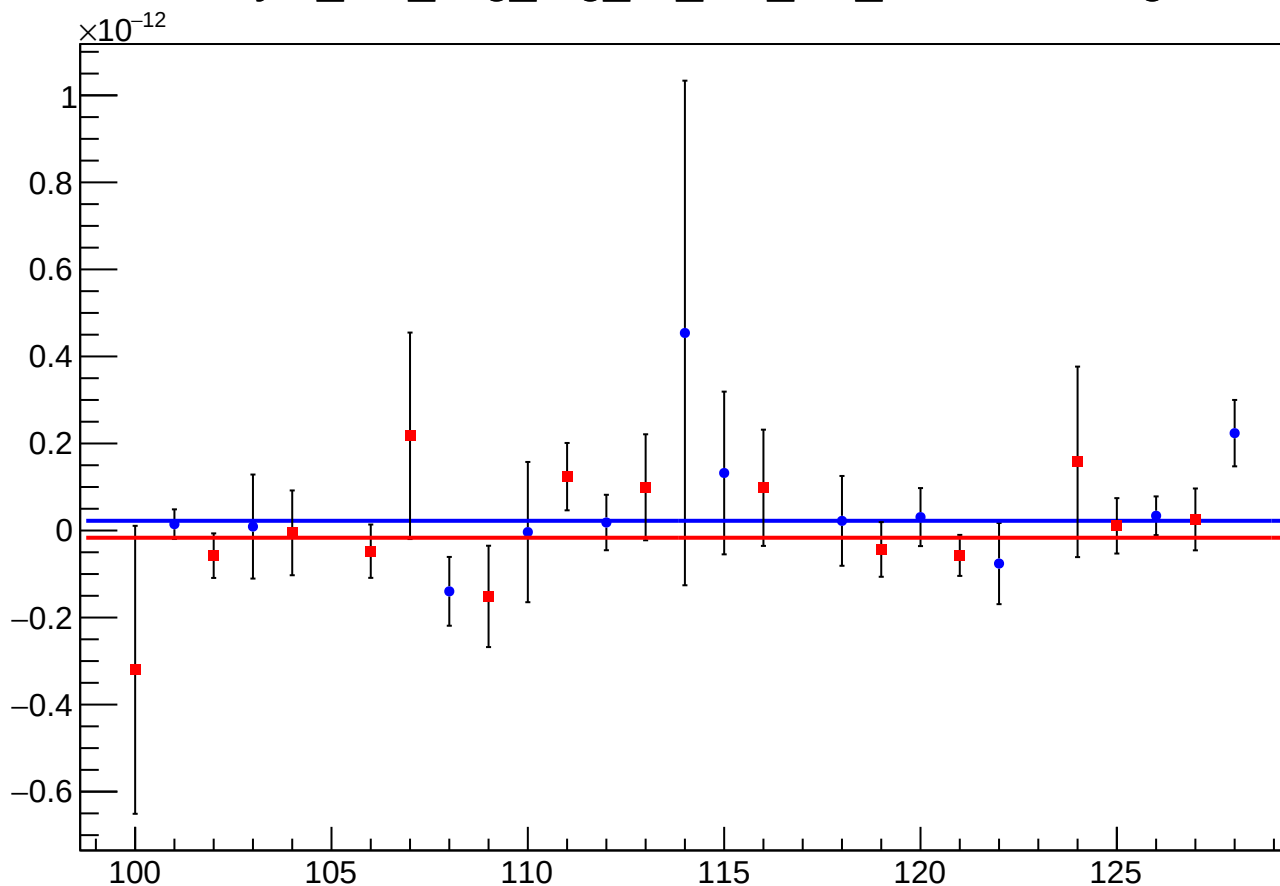
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2242.258+/-0.509 χ^2/NDF : 1477856.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.1/13

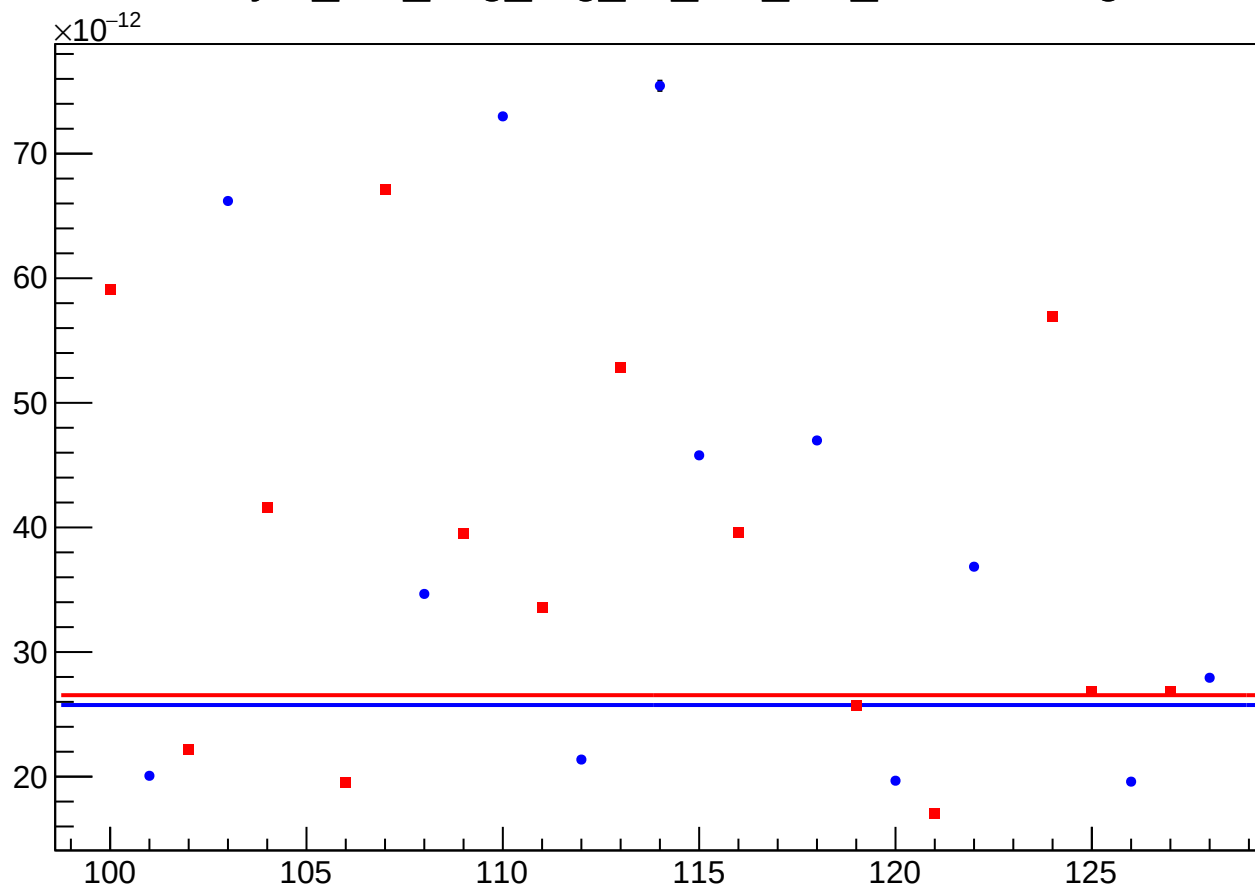
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 26.3/25

- 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 : 698537.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 440844.4/13

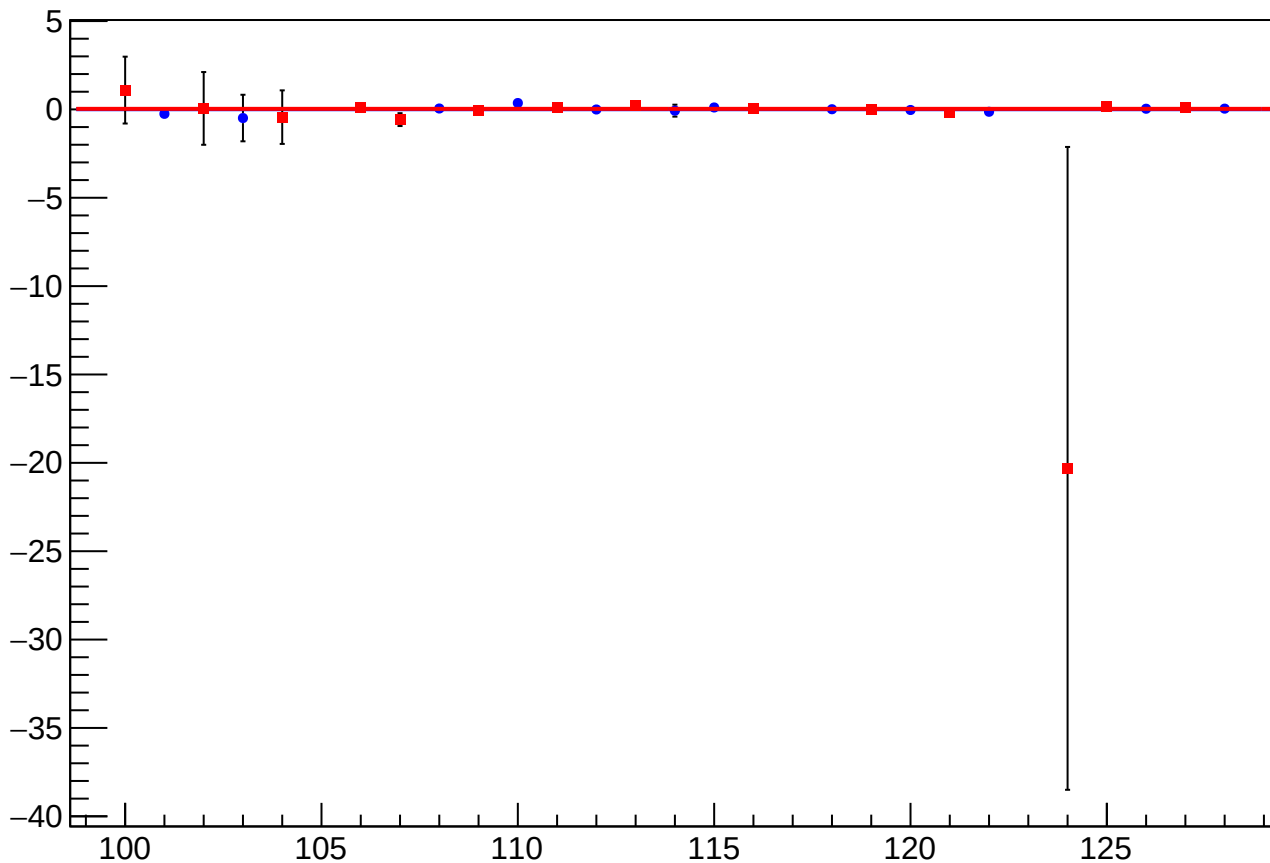
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1140891.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.010 $\pm$ 0.031 χ^2 /NDF: 10.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.031 $\pm$ 0.029 χ^2 /NDF: 14.1/13

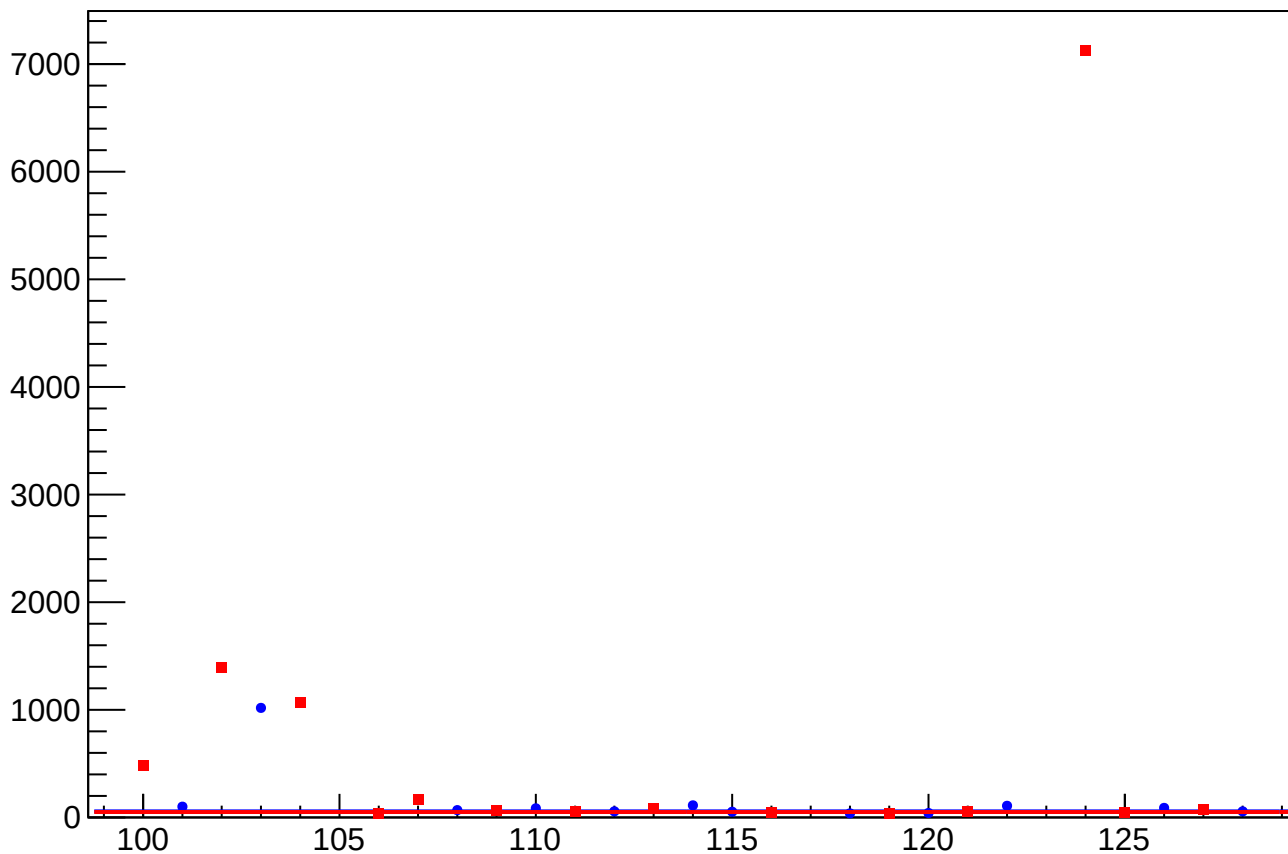
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.021 $\pm$ 0.021 χ^2 /NDF: 25.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_dit_vs_cor_diff_rms vs Slug



Right In: 56.380+/-0.022 χ^2/NDF : 1972392.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.585+/-0.021 χ^2/NDF : 2802547.2/13

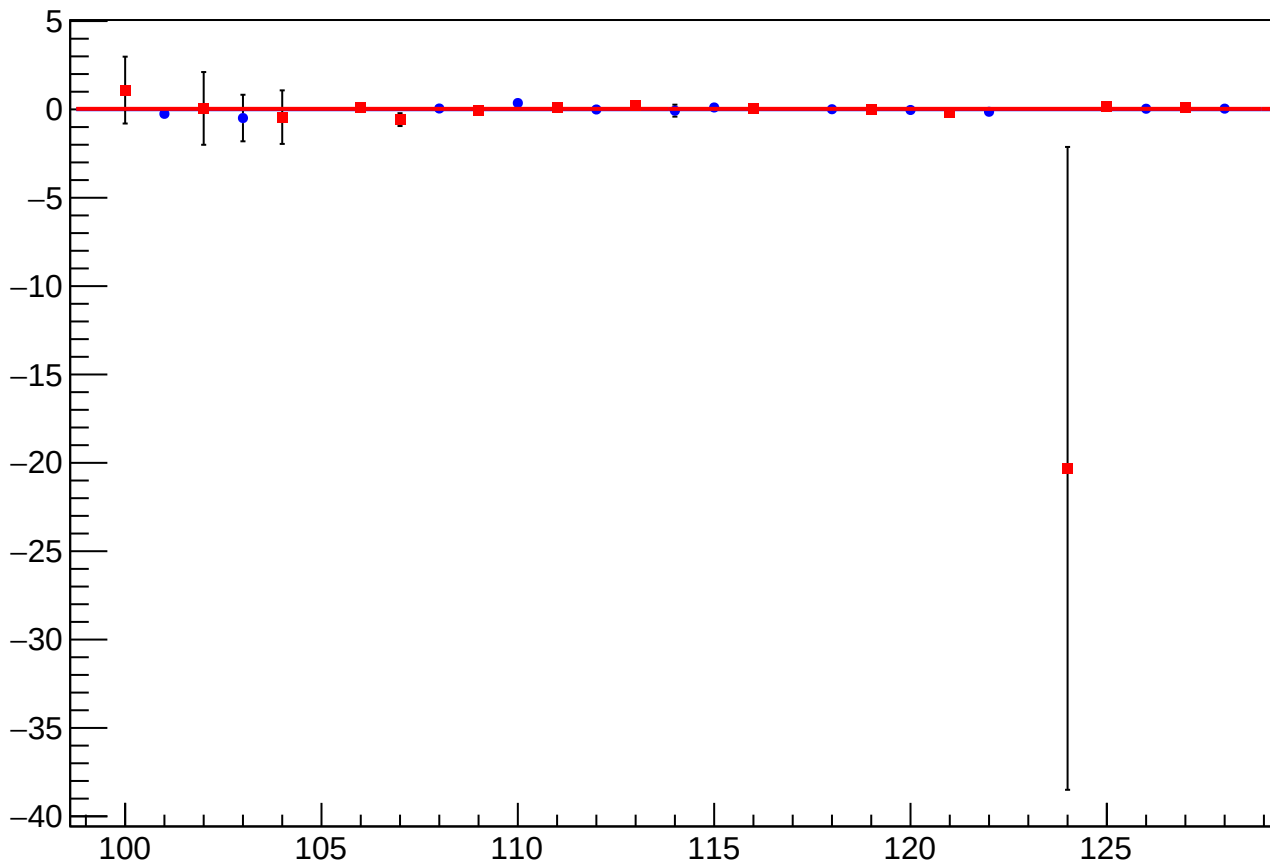
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.305+/-0.015 χ^2/NDF : 4811469.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.010 $\pm$ 0.031 χ^2 /NDF: 10.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.031 $\pm$ 0.029 χ^2 /NDF: 14.1/13

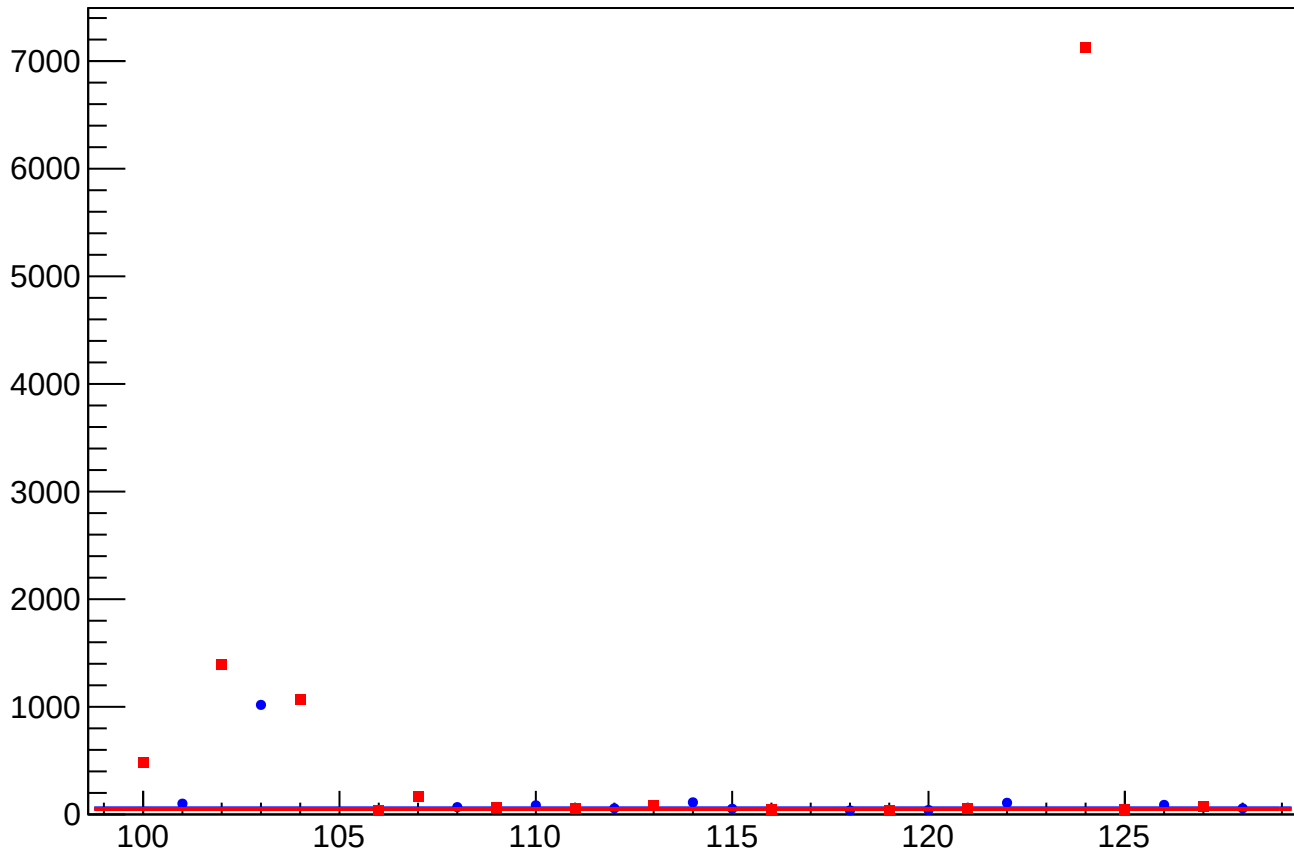
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.021 $\pm$ 0.021 χ^2 /NDF: 25.1/25

- 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: 56.380+/-0.022 χ^2/NDF : 1972392.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.585+/-0.021 χ^2/NDF : 2802547.2/13

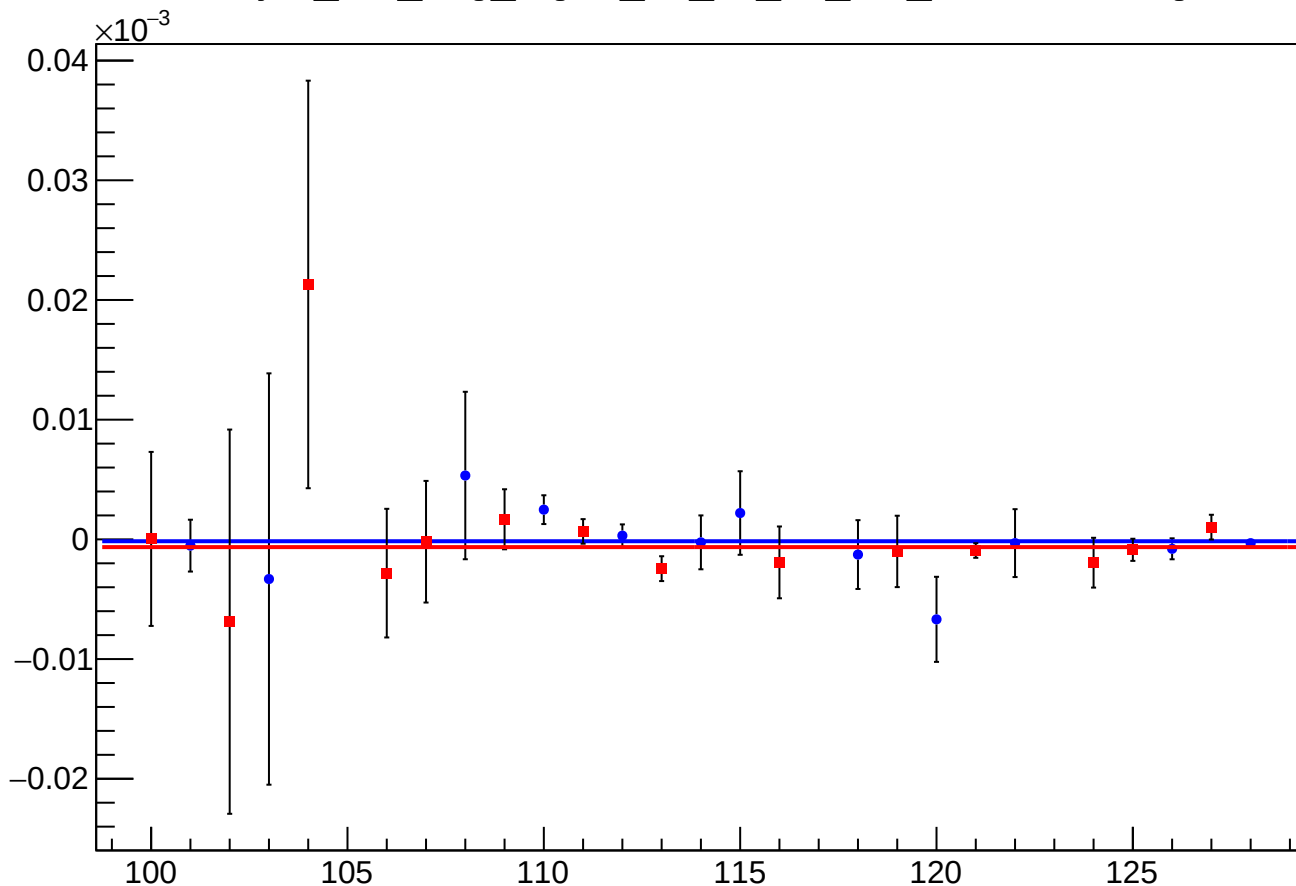
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.305+/-0.015 χ^2/NDF : 4811469.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 +/- 0.000 χ^2/NDF : 10.4/11

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 +/- 0.000 χ^2/NDF : 11.0/13

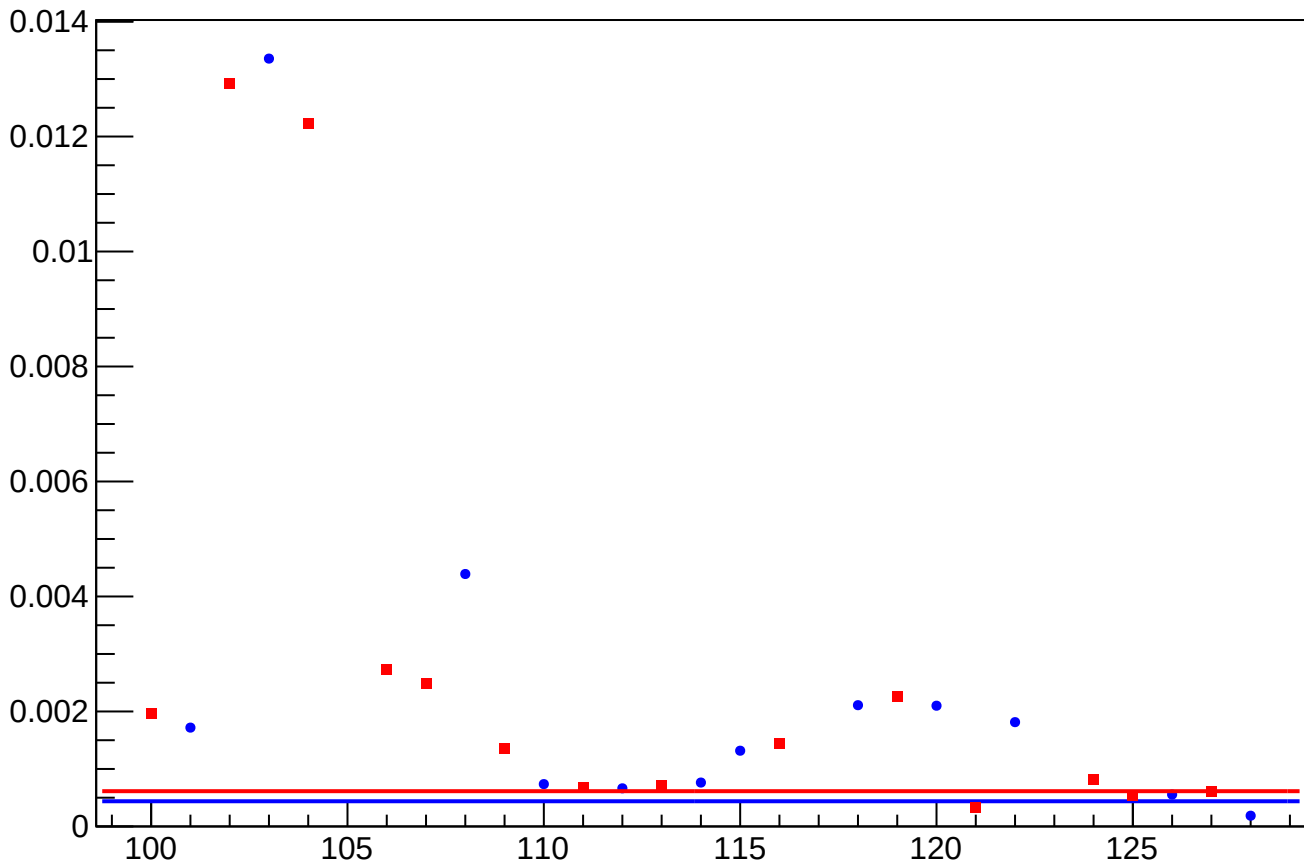
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -0.000 +/- 0.000 χ^2/NDF : 22.4/25

- sign 0.000 +/- 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 : 5324596.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4202934.7/13

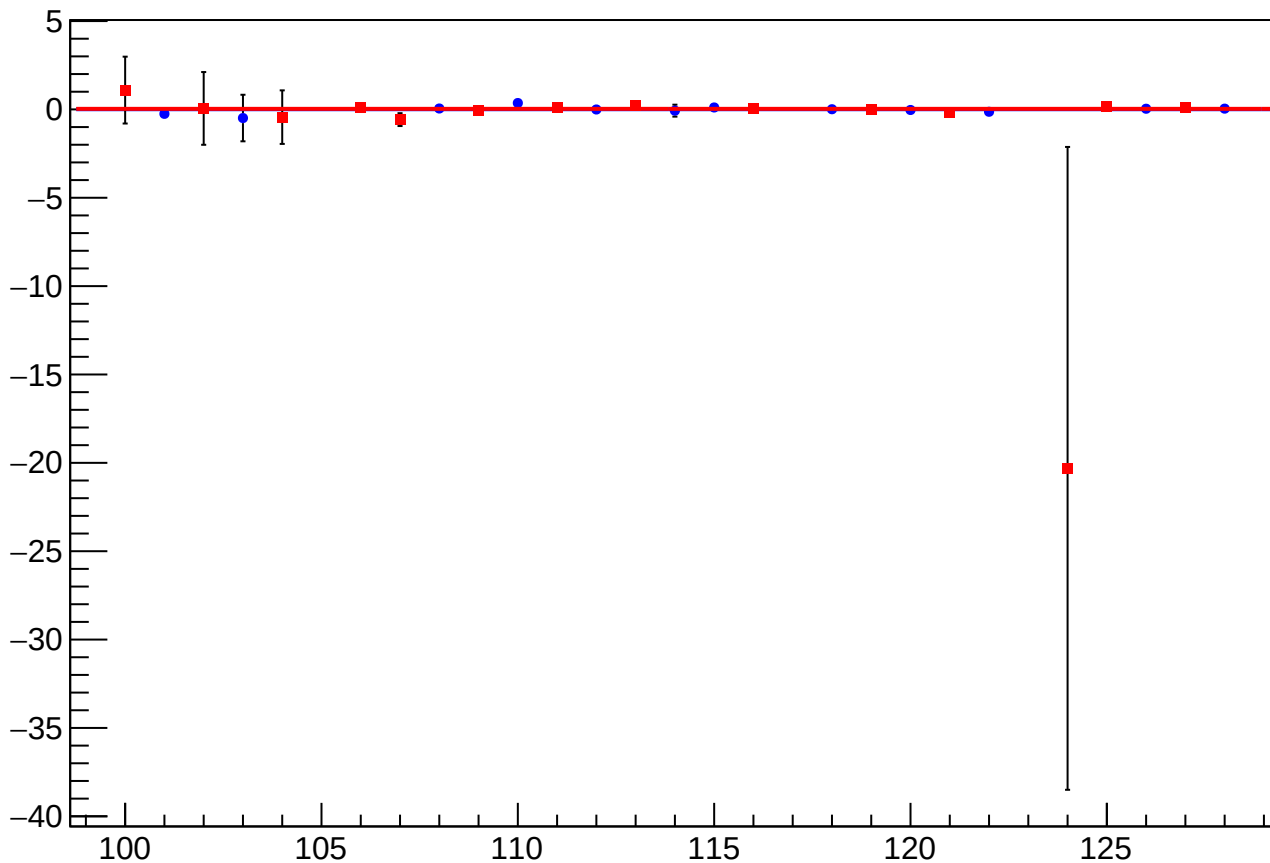
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 9794133.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.010 $\pm$ 0.031 χ^2 /NDF: 10.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.031 $\pm$ 0.029 χ^2 /NDF: 14.1/13

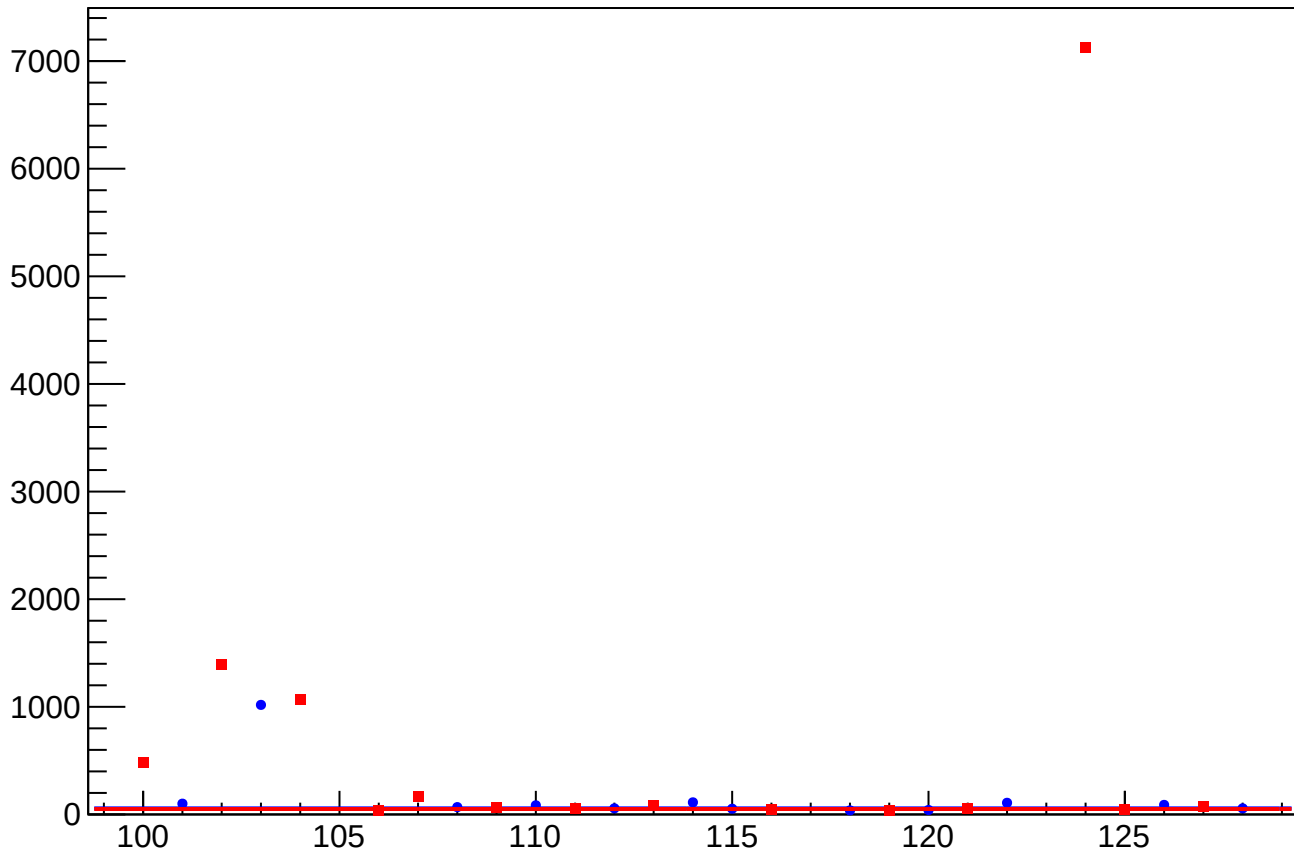
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.021 $\pm$ 0.021 χ^2 /NDF: 25.1/25

- 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: 56.380+/-0.022 χ^2/NDF : 1972404.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.584+/-0.021 χ^2/NDF : 2802594.1/13

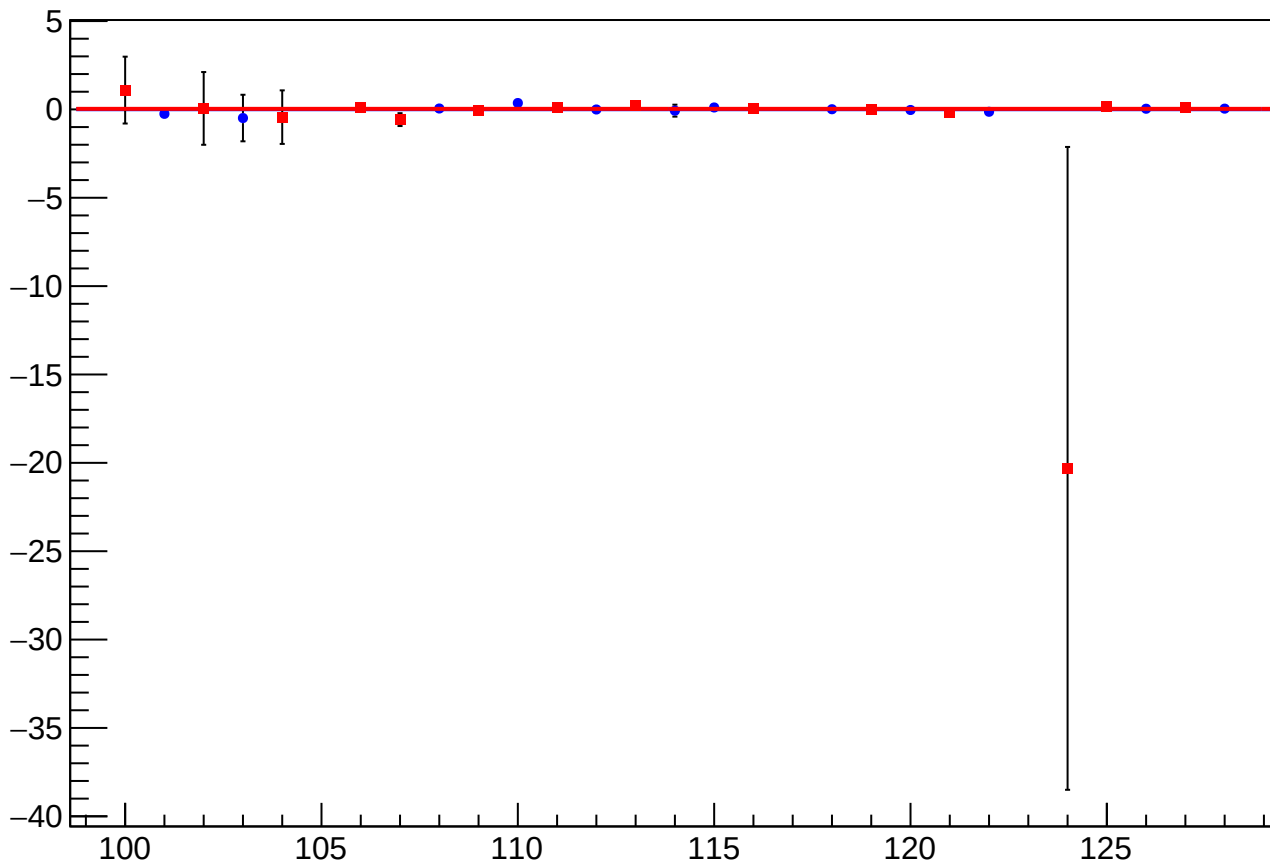
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.305+/-0.015 χ^2/NDF : 4811542.3/25

- 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: 0.010+/-0.031 χ^2/NDF : 10.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.031+/-0.029 χ^2/NDF : 14.1/13

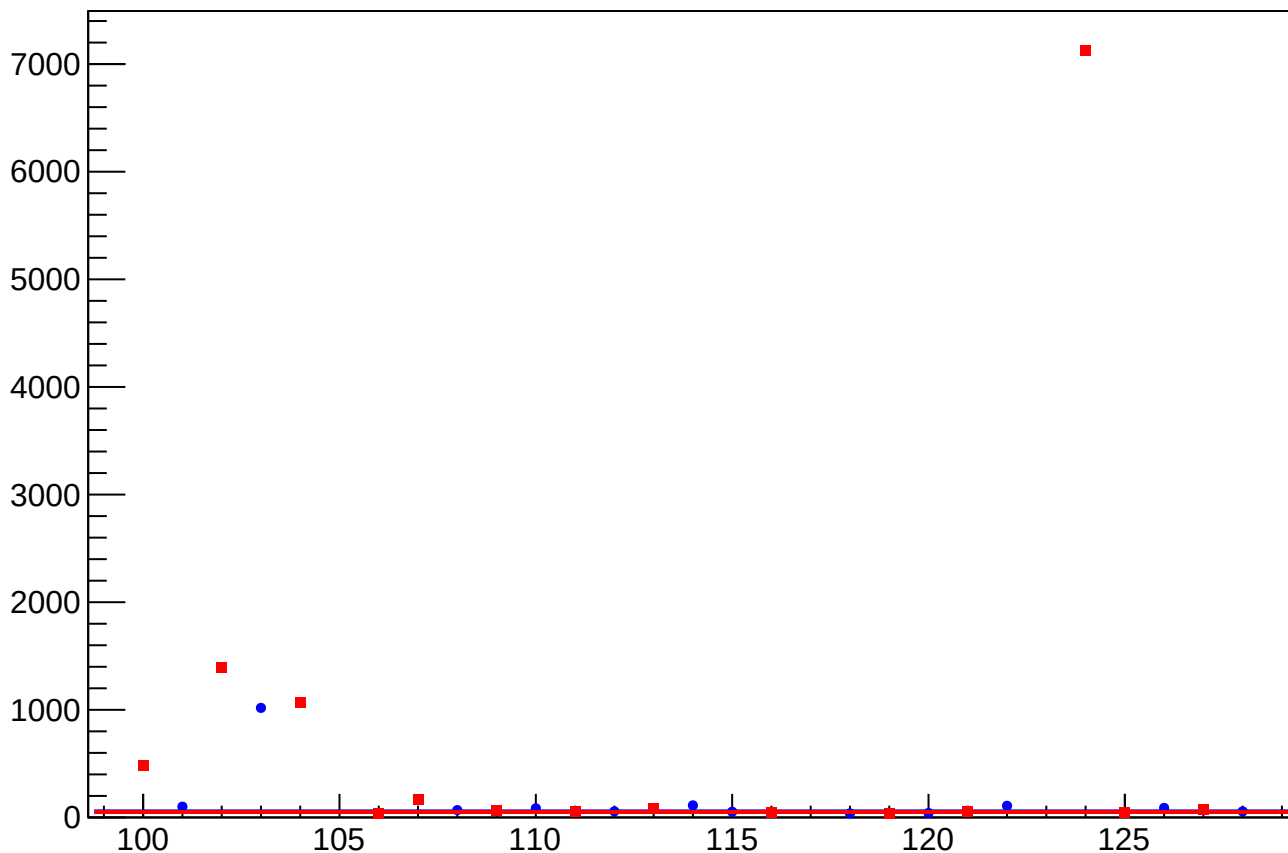
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.021 χ^2/NDF : 25.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 56.380+/-0.022 χ^2 /NDF: 1972404.3/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 50.584+/-0.021 χ^2 /NDF: 2802594.1/13

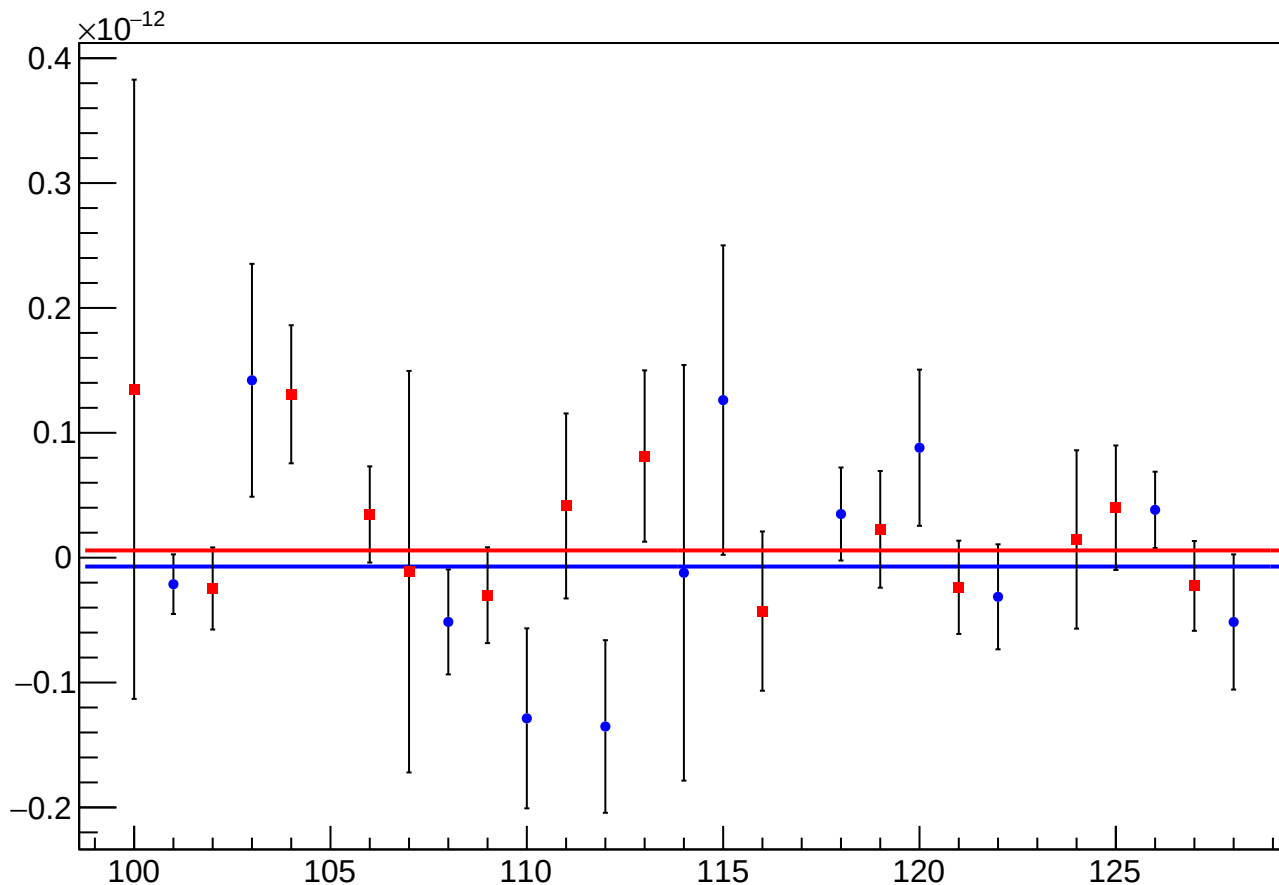
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 53.305+/-0.015 χ^2 /NDF: 4811542.3/25

- 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 : 18.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.6/13

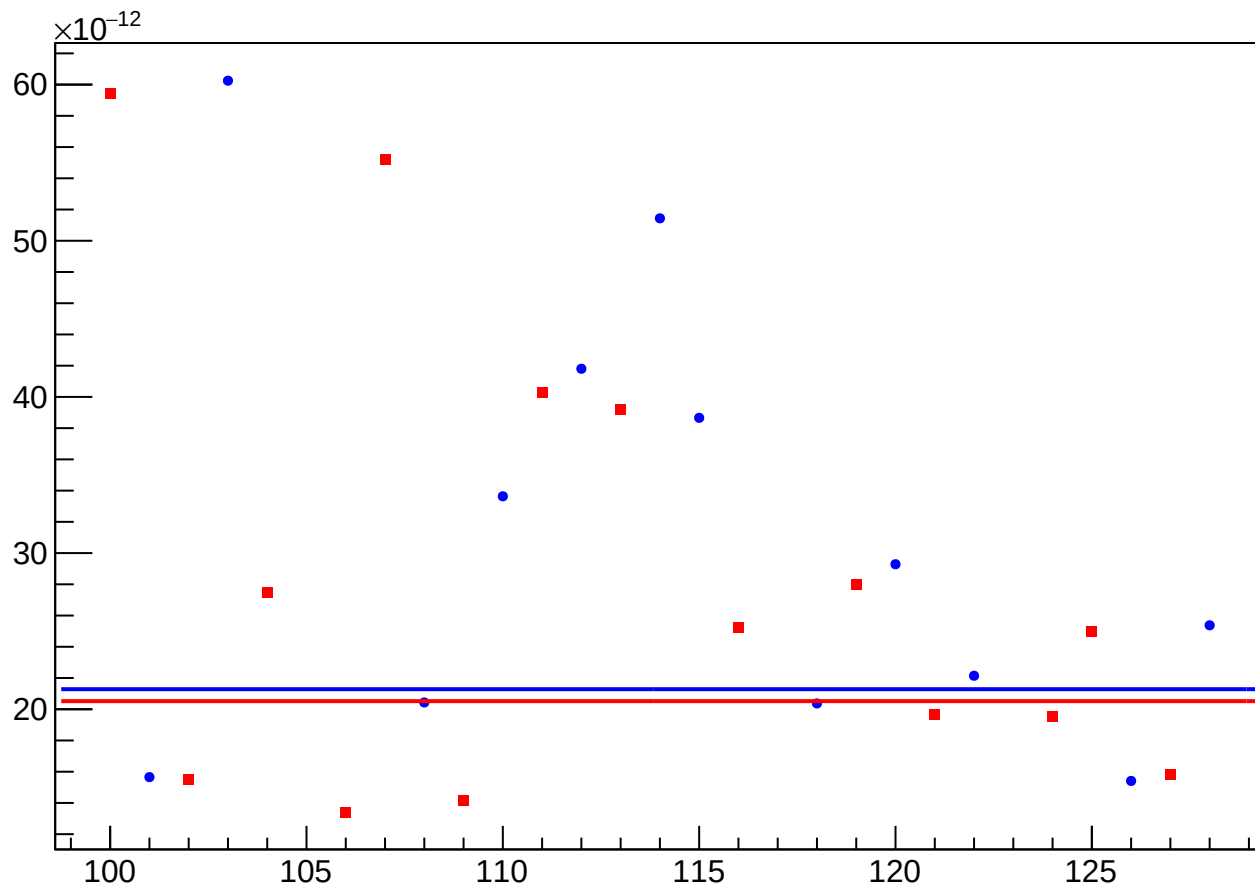
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.3/25

- 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 : 921310.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 747796.3/13

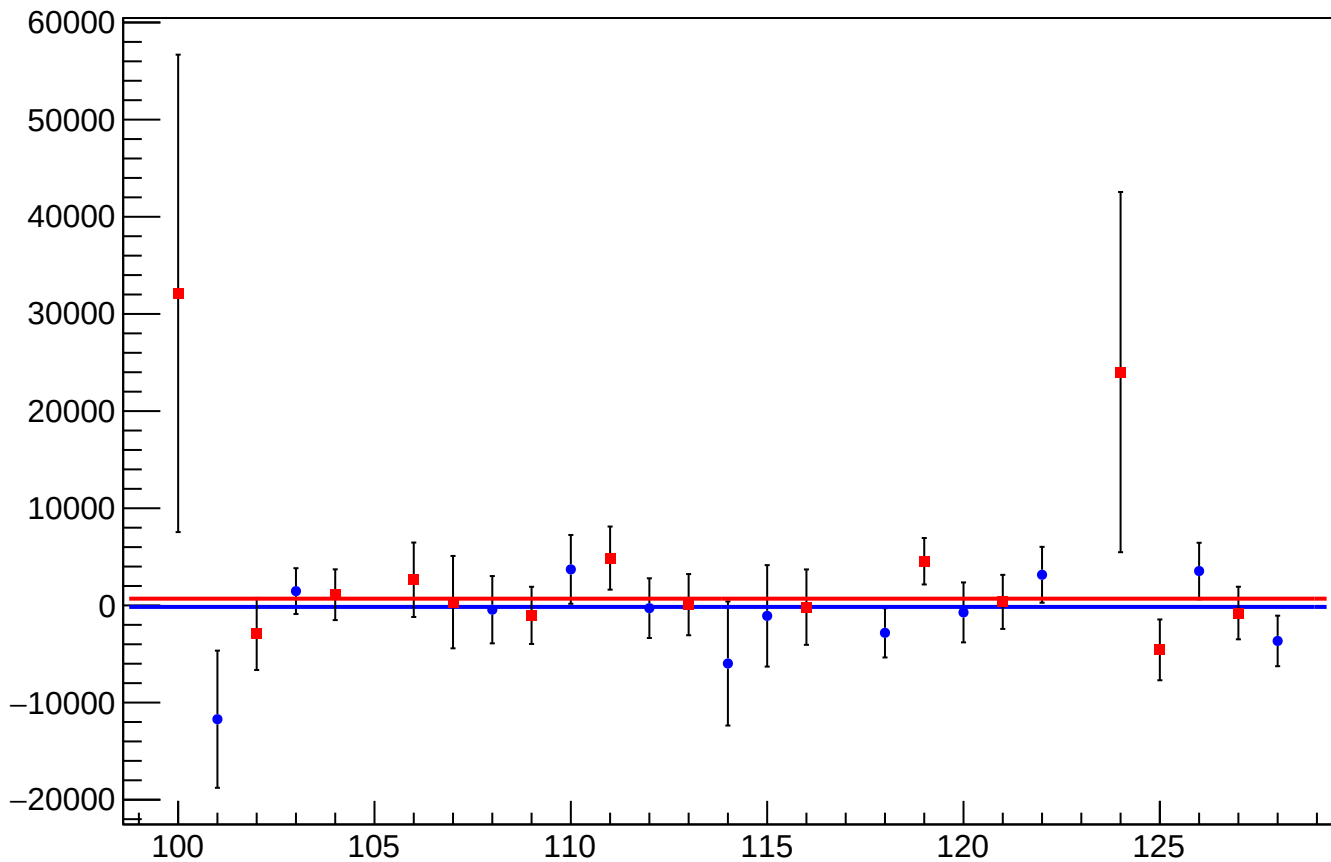
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1672544.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_mean vs Slug



Right In: -155.018 ± 921.435 χ^2/NDF : 11.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 695.453 ± 892.292 χ^2/NDF : 12.3/13

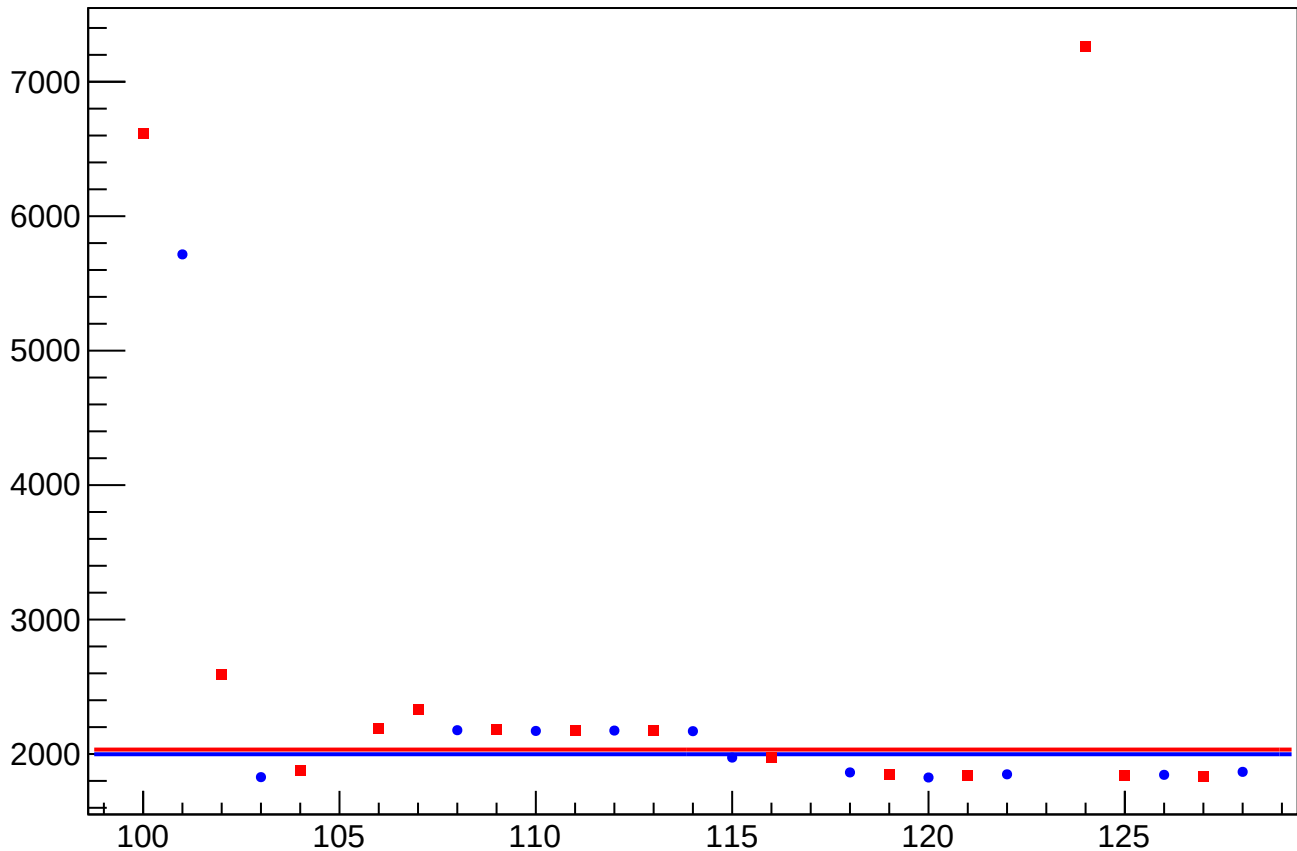
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 283.879 ± 641.001 χ^2/NDF : 23.8/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_rms vs Slug



Right In: 1998.267+/-0.652 χ^2/NDF : 611377.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2033.057+/-0.631 χ^2/NDF : 345792.8/13

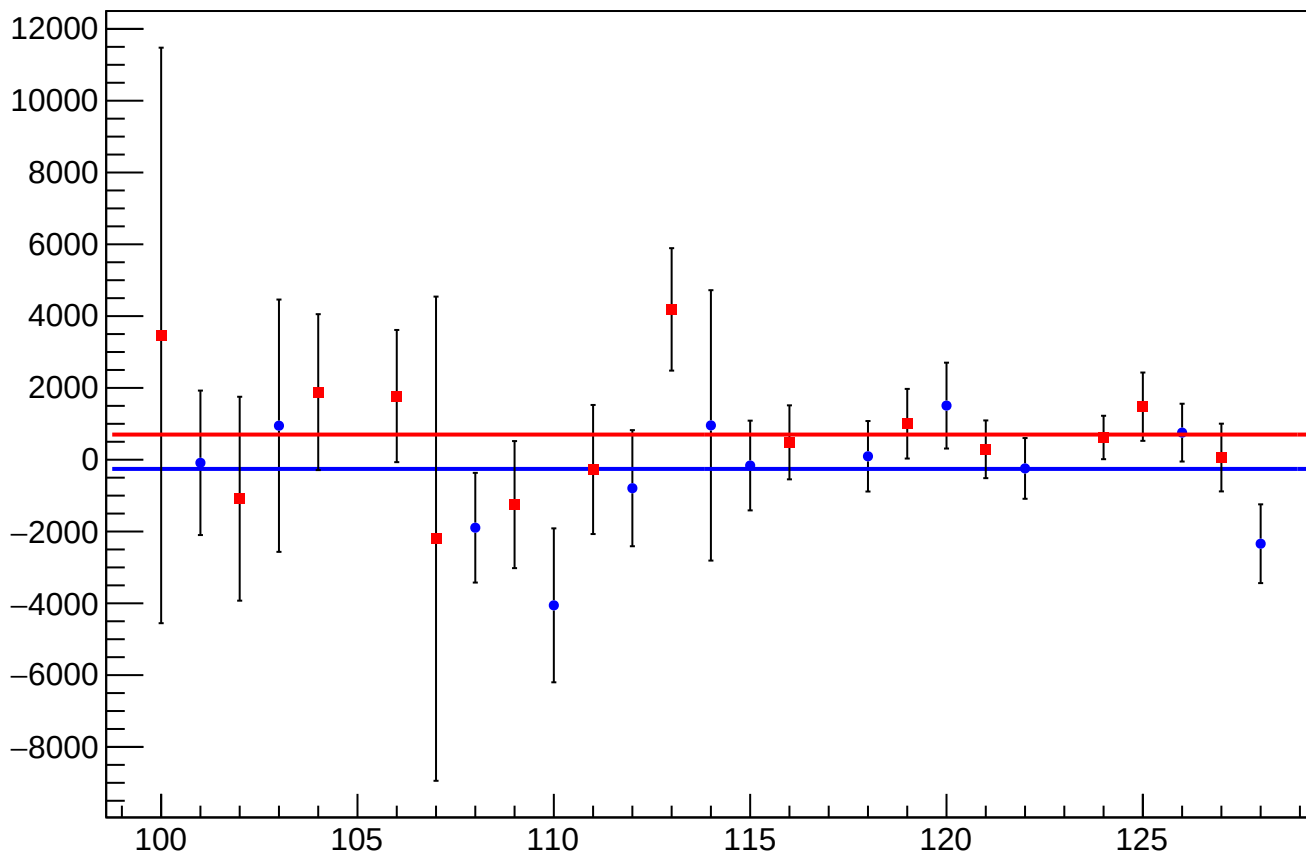
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2016.221+/-0.453 χ^2/NDF : 958641.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_reg_correction_mean vs Slug



Right In: -256.438+/-363.340 χ^2 /NDF: 12.1/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 700.474+/-313.784 χ^2 /NDF: 8.6/13

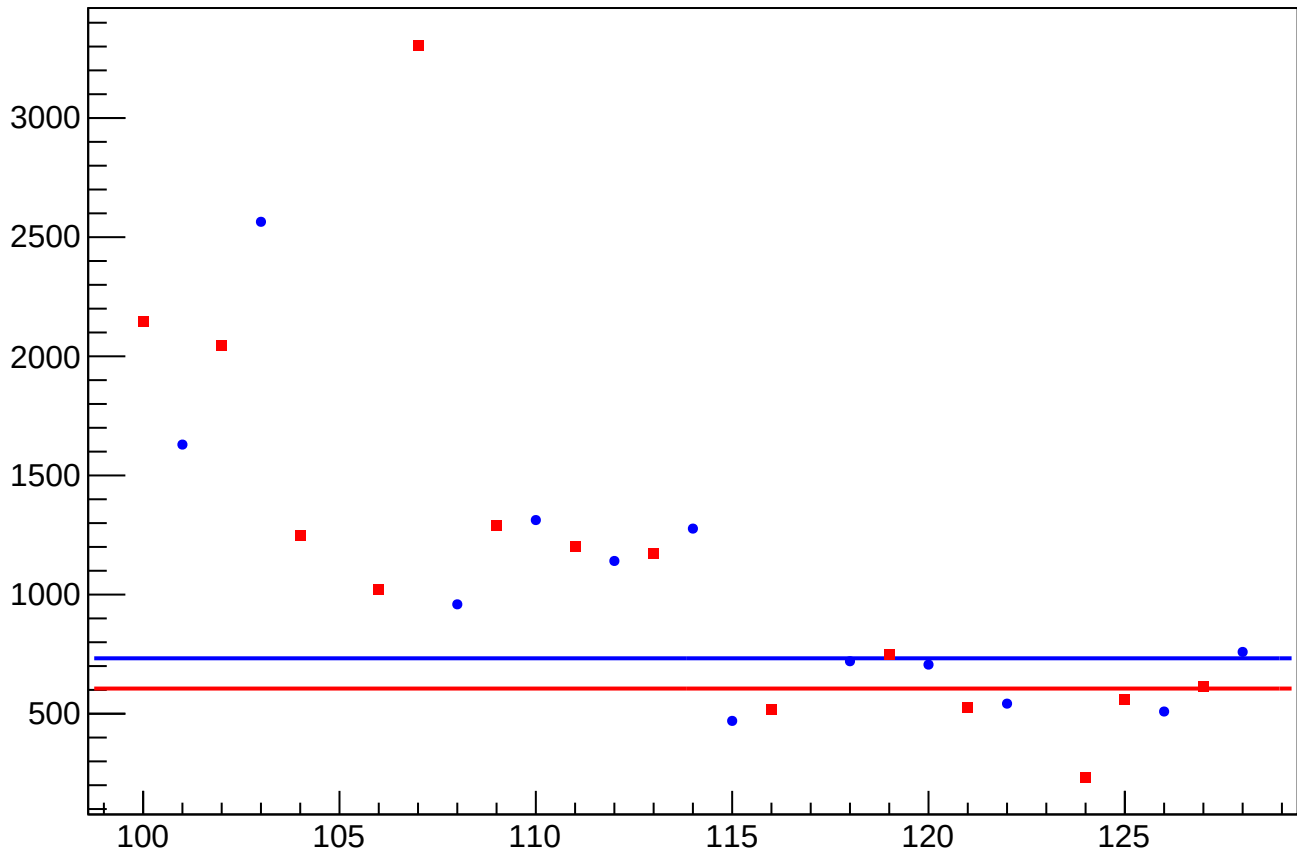
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 291.676+/-237.482 χ^2 /NDF: 24.7/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_reg_correction_rms vs Slug



Right In: 732.606 $\pm$ 0.257 χ^2 /NDF: 1646808.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 605.658 $\pm$ 0.222 χ^2 /NDF: 2770019.2/13

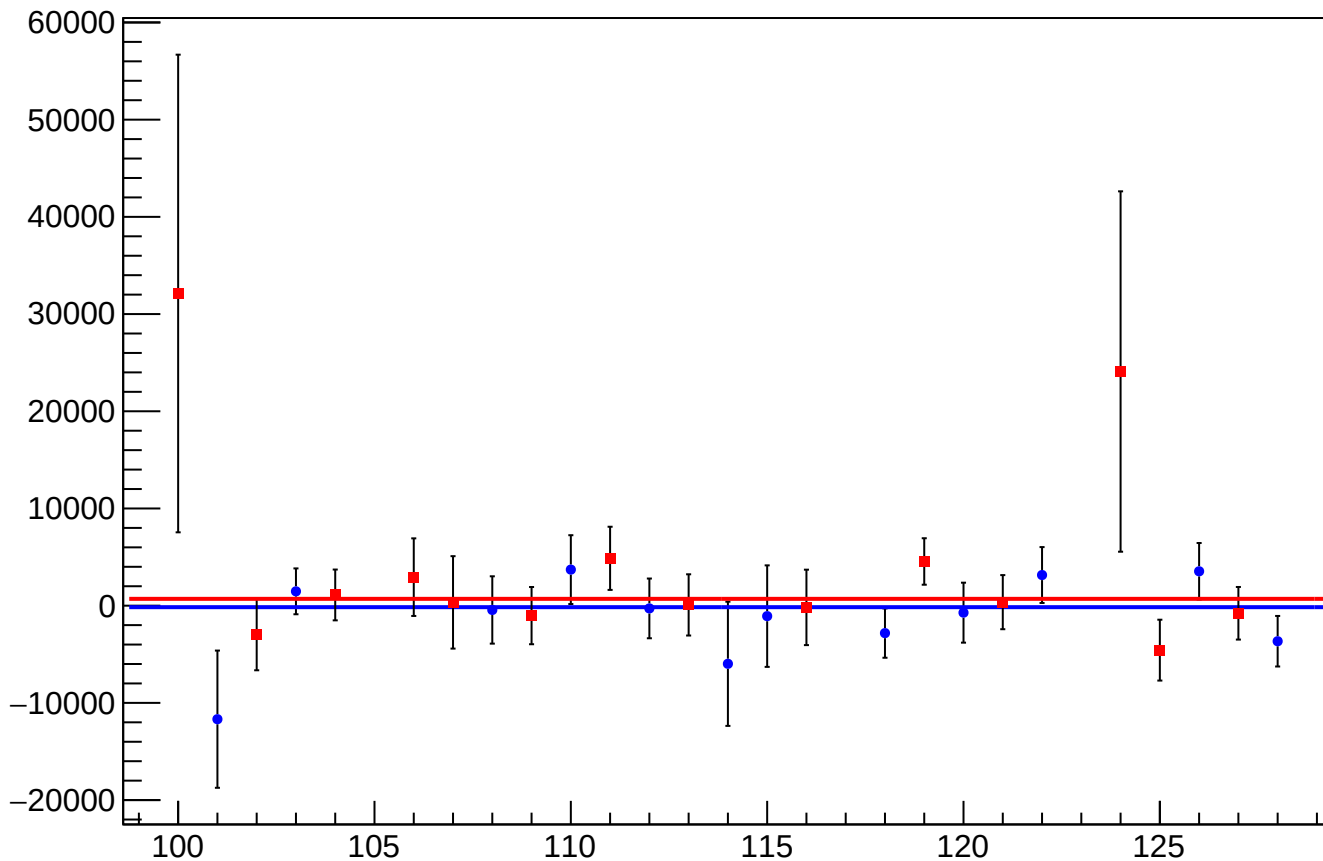
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 659.891 $\pm$ 0.168 χ^2 /NDF: 4556674.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_at1_dd_mean vs Slug



Right In: -153.865+/-921.436 χ^2/NDF : 11.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 702.811+/-894.208 χ^2/NDF : 12.4/13

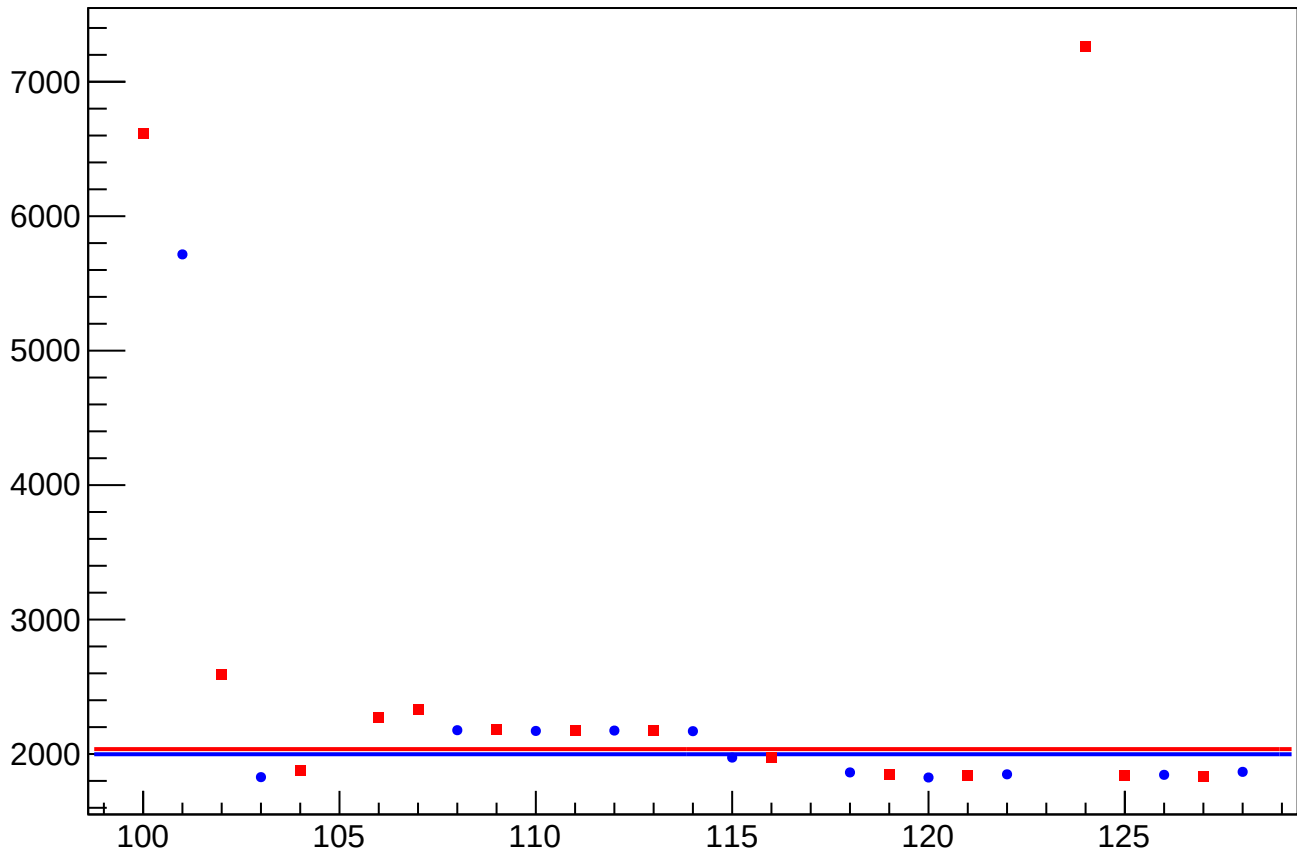
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 287.317+/-641.710 χ^2/NDF : 23.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at1_dd_rms vs Slug



Right In: 1998.267+/-0.652 χ^2/NDF : 611377.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2036.505+/-0.632 χ^2/NDF : 349520.5/13

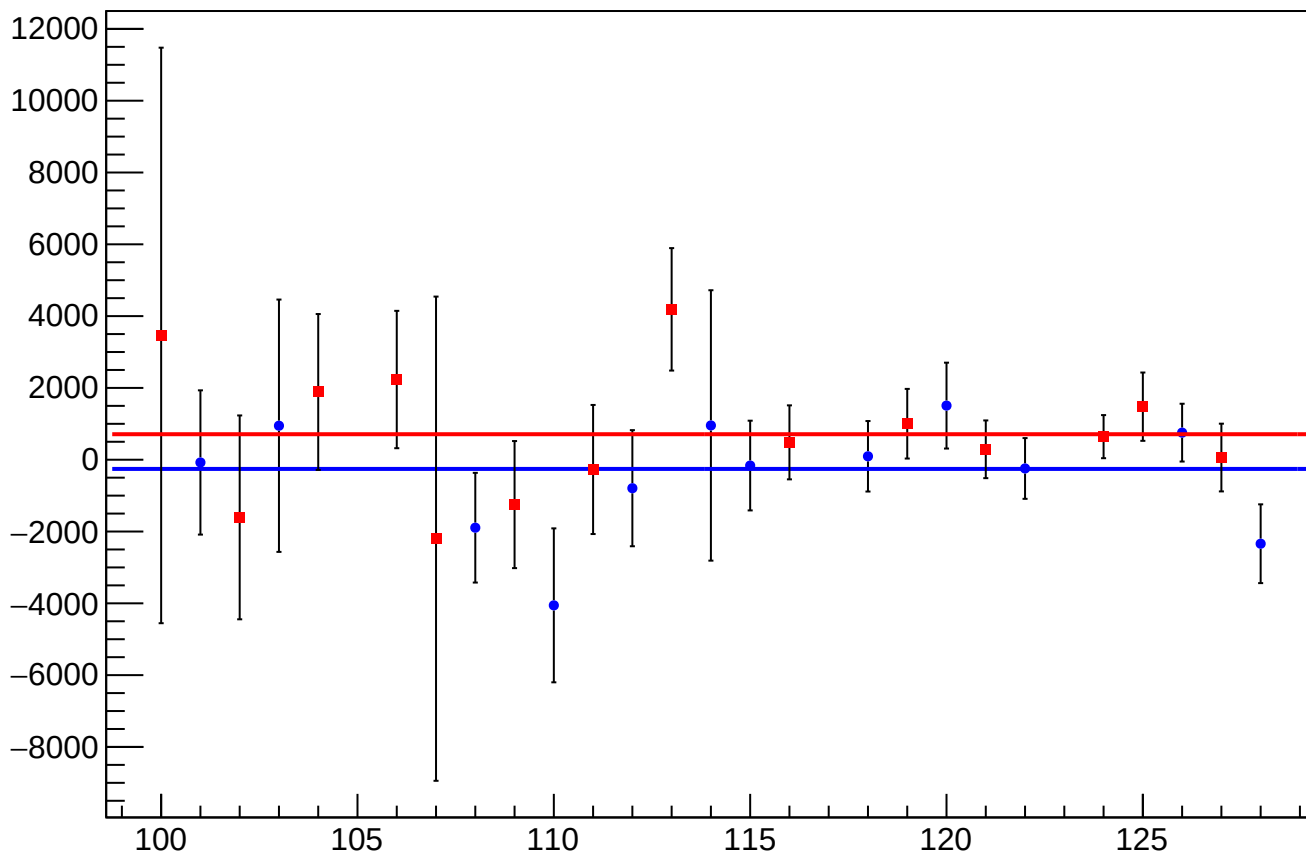
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2017.959+/-0.454 χ^2/NDF : 962671.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_cor_correction_mean vs Slug



Right In: -256.360+/-363.321 χ^2 /NDF: 12.1/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 710.410+/-313.502 χ^2 /NDF: 9.1/13

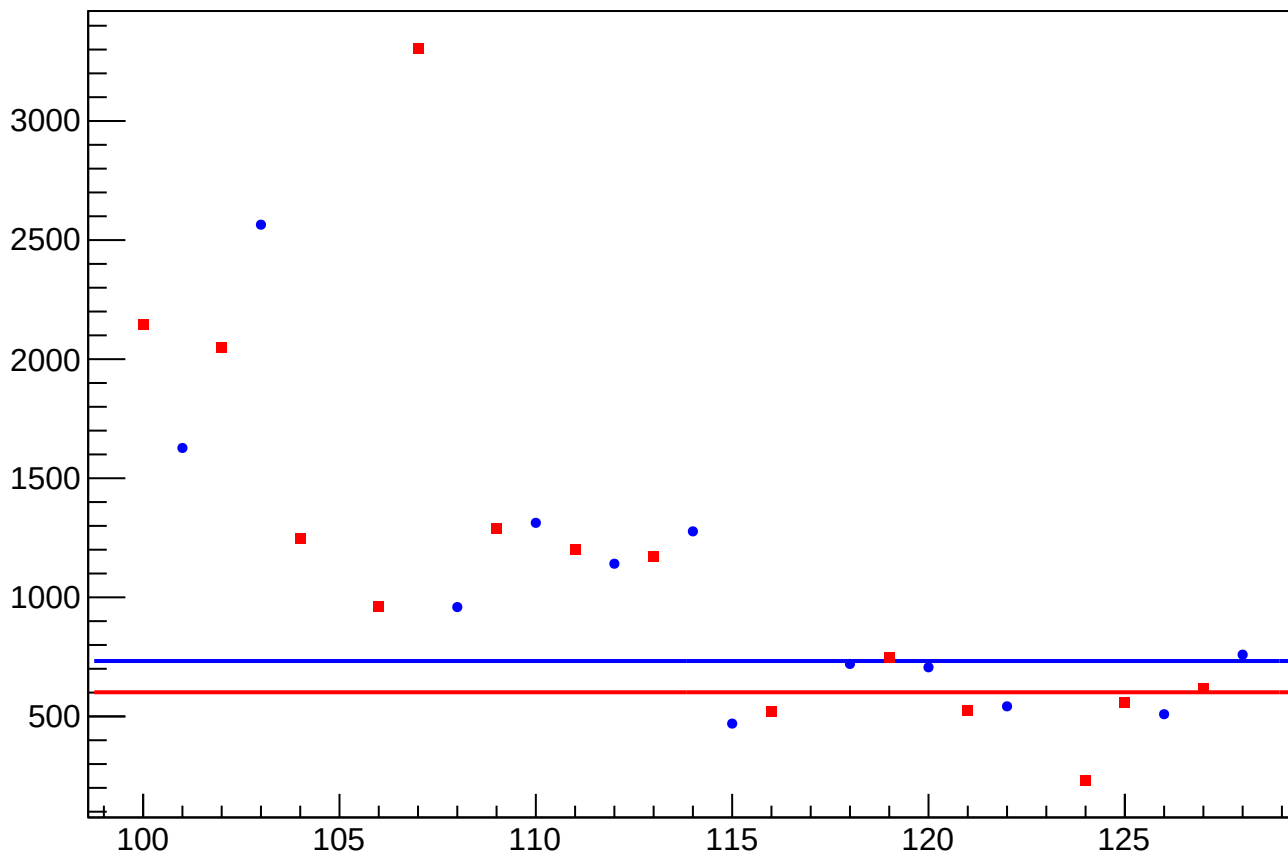
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 297.803+/-237.354 χ^2 /NDF: 25.3/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_cor_correction_rms vs Slug



Right In: 732.611+/-0.257 χ^2/NDF : 1645916.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

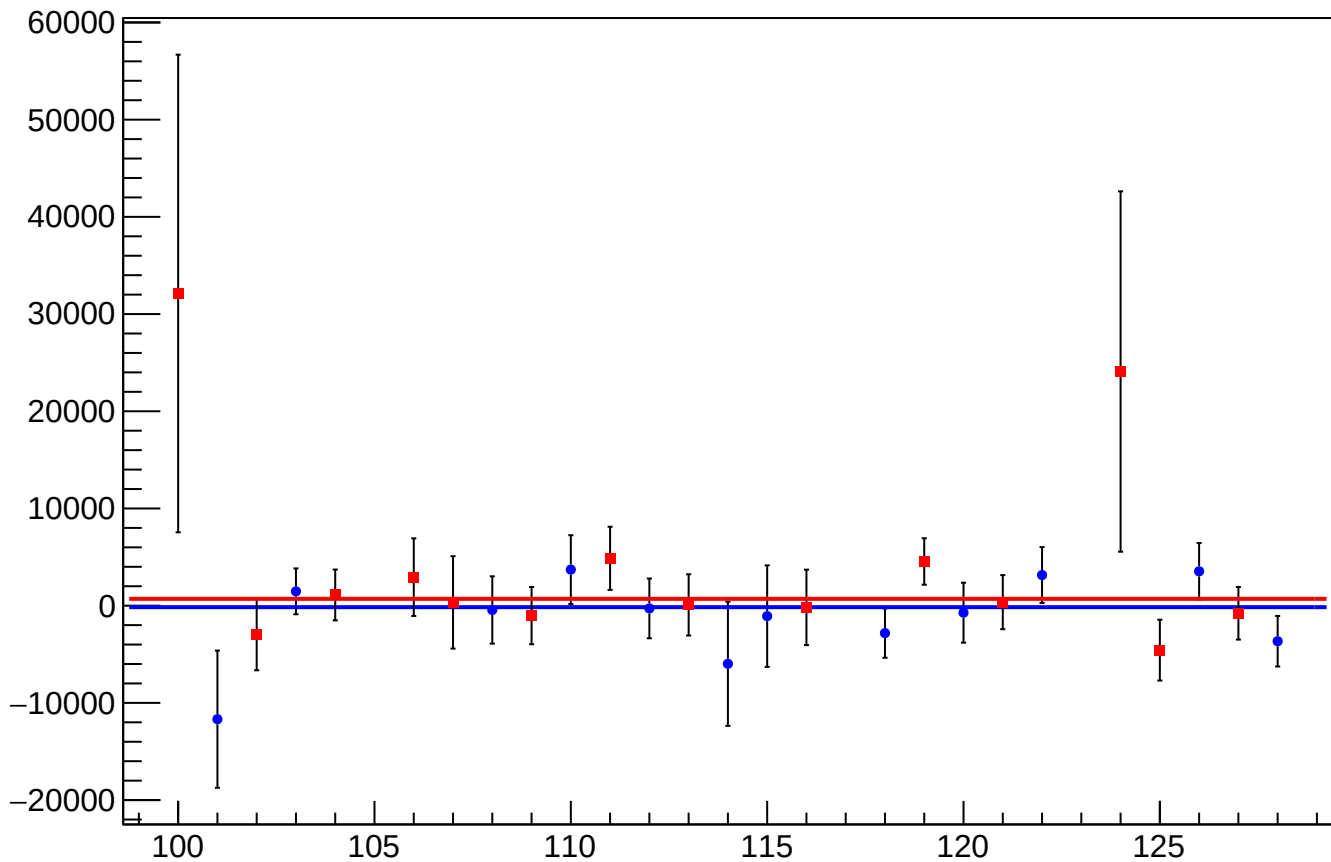
Right Out: 601.397+/-0.222 χ^2/NDF : 2757248.3/13

All: 657.398+/-0.168 χ^2/NDF : 4552691.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_dd_mean vs Slug



Right In: -153.865+/-921.436 χ^2/NDF : 11.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 702.811+/-894.208 χ^2/NDF : 12.4/13

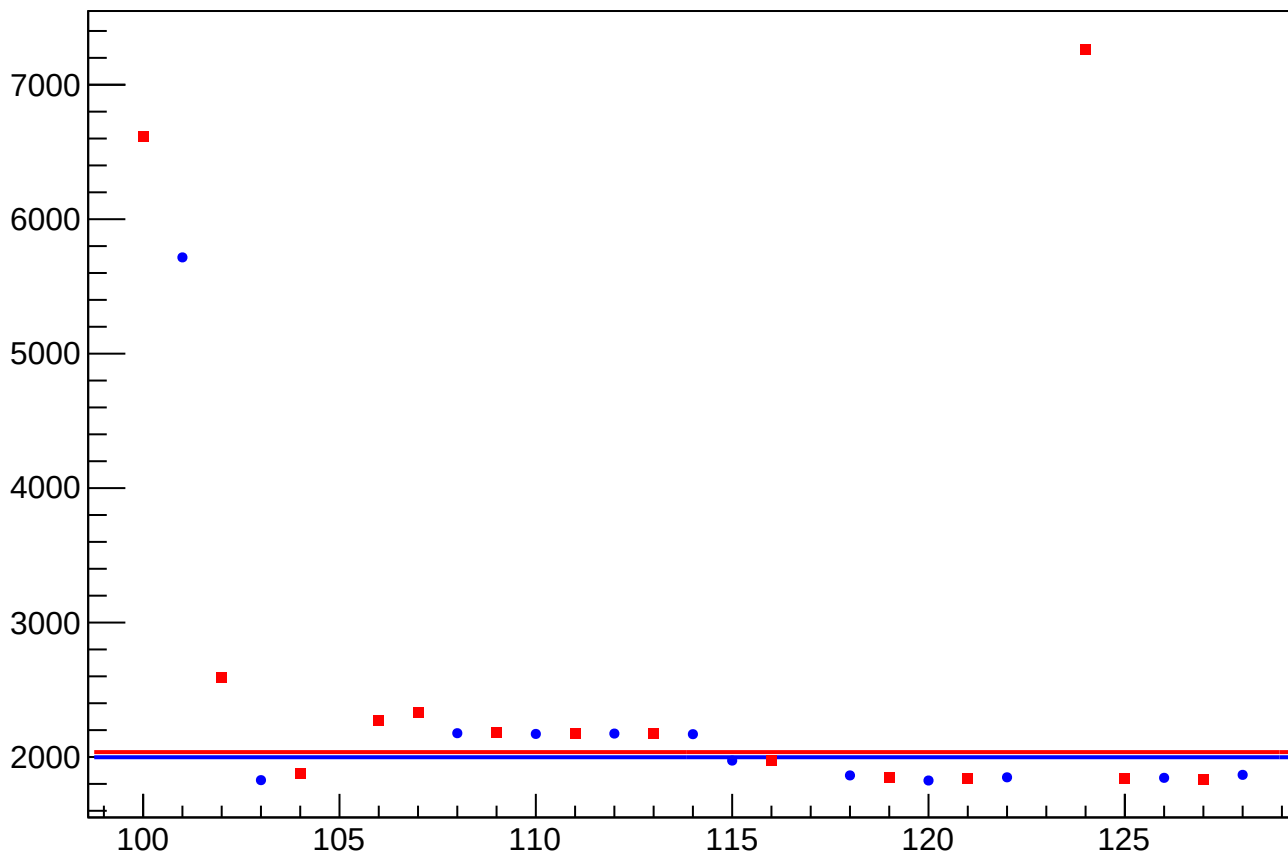
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 287.317+/-641.710 χ^2/NDF : 23.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_dd_rms vs Slug



Right In: 1998.267+/-0.652 χ^2/NDF : 611377.5/11

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

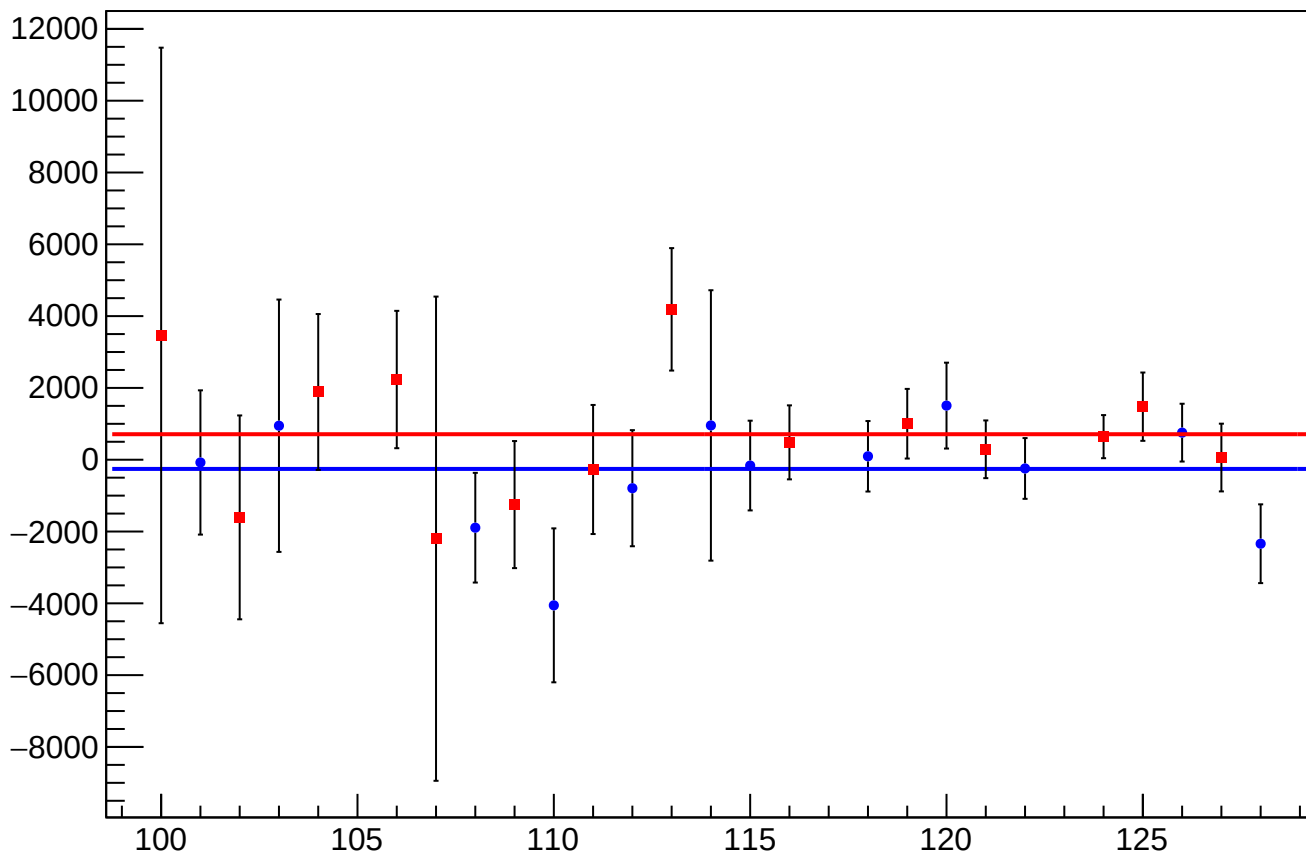
All: 2017.959+/-0.454 χ^2/NDF : 962671.8/25

Right Out: 2036.505+/-0.632 χ^2/NDF : 349520.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

asym_at1_dd_eigen_cor_correction_mean vs Slug



Right In: -256.360+/-363.321 χ^2 /NDF: 12.1/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 710.410+/-313.502 χ^2 /NDF: 9.1/13

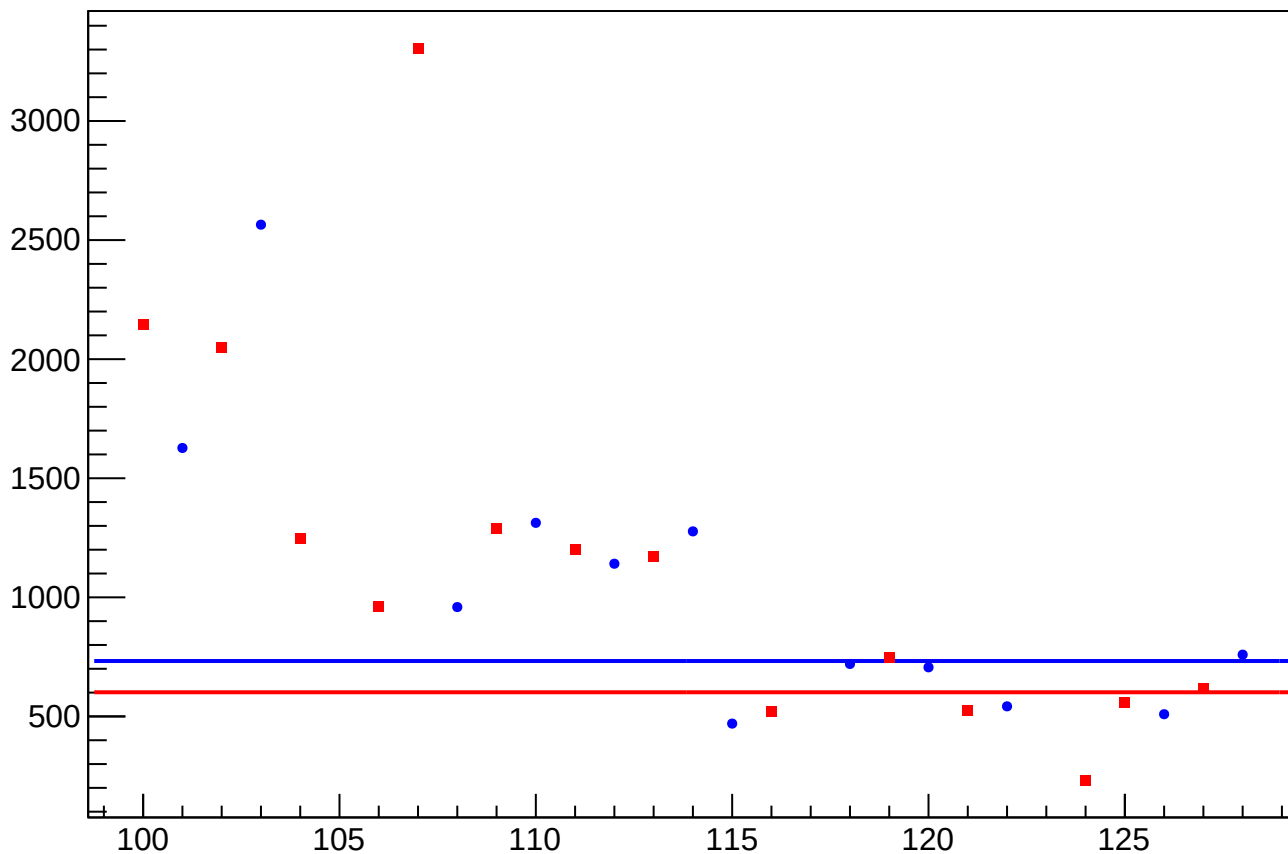
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 297.803+/-237.354 χ^2 /NDF: 25.3/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_cor_correction_rms vs Slug



Right In: 732.611+/-0.257 χ^2/NDF : 1645916.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 601.397+/-0.222 χ^2/NDF : 2757248.3/13

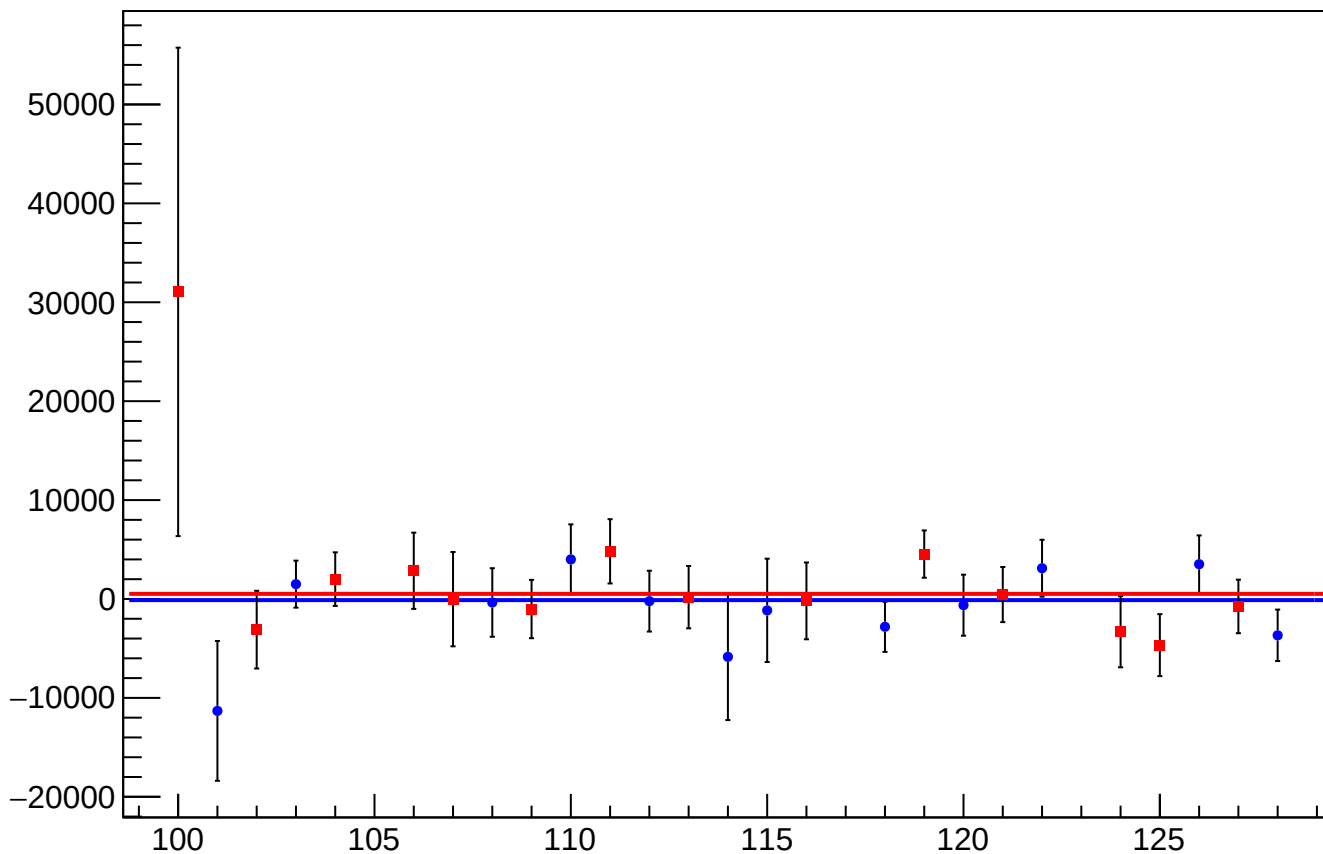
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 657.398+/-0.168 χ^2/NDF : 4552691.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at1_dd_mean vs Slug



Right In: -114.764 ± 922.789 χ^2/NDF : 11.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 516.452 ± 873.620 χ^2/NDF : 12.0/13

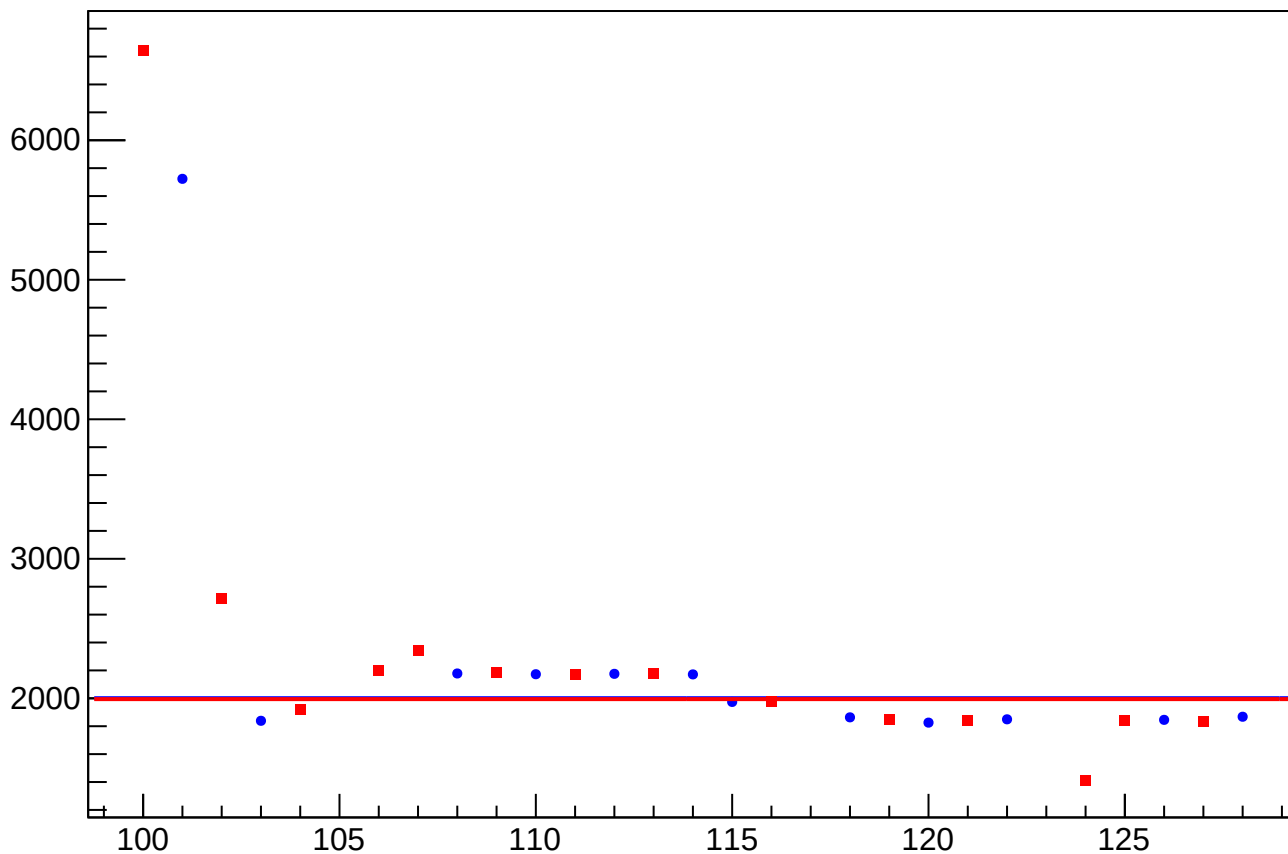
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 218.108 ± 634.413 χ^2/NDF : 23.3/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_at1_dd_rms vs Slug



Right In: 2000.825+/-0.653 χ^2/NDF : 610713.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1994.259+/-0.618 χ^2/NDF : 254738.1/13

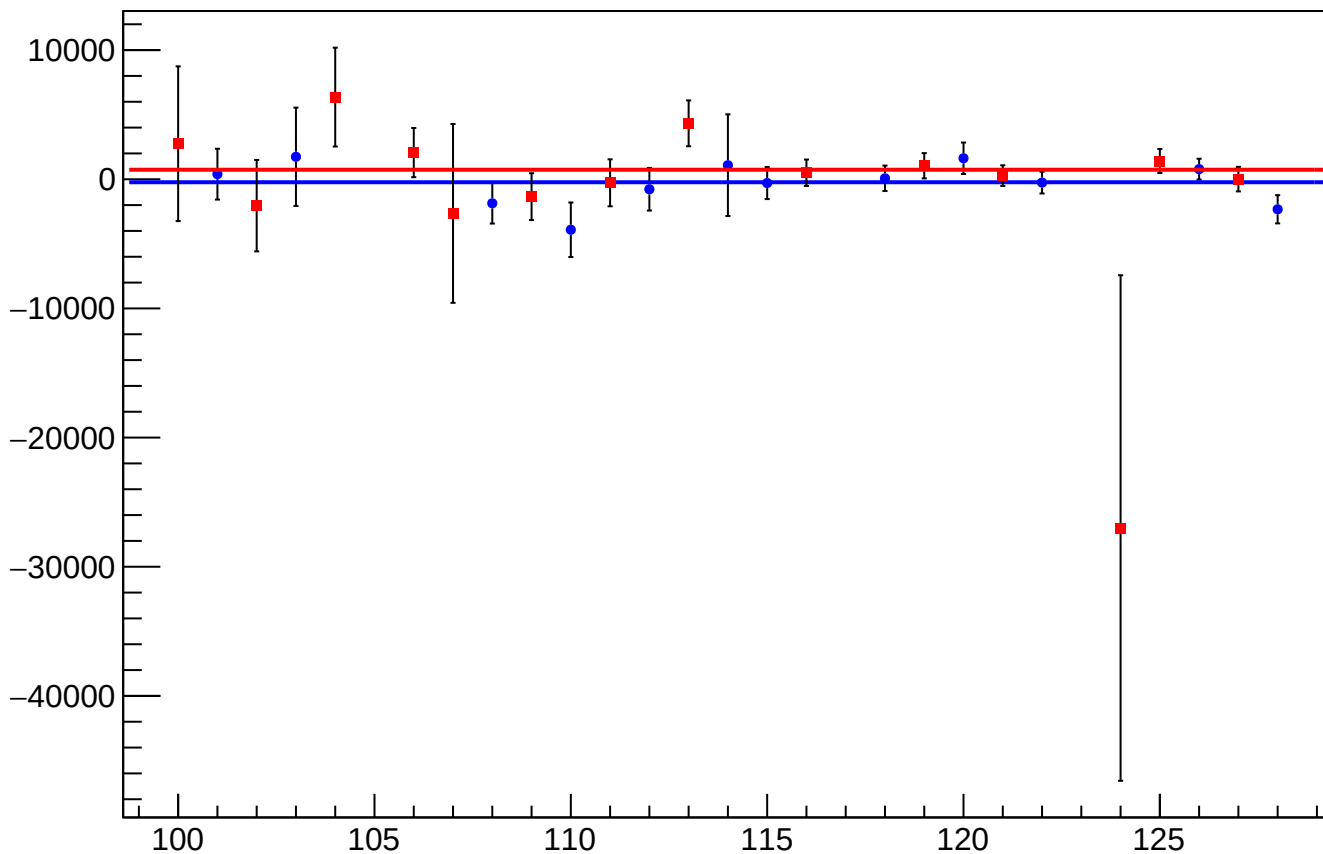
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1997.362+/-0.449 χ^2/NDF : 865504.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_dit_correction_mean vs Slug



Right In: -231.337+/-364.154 χ^2 /NDF: 12.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 737.099+/-371.981 χ^2 /NDF: 12.9/13

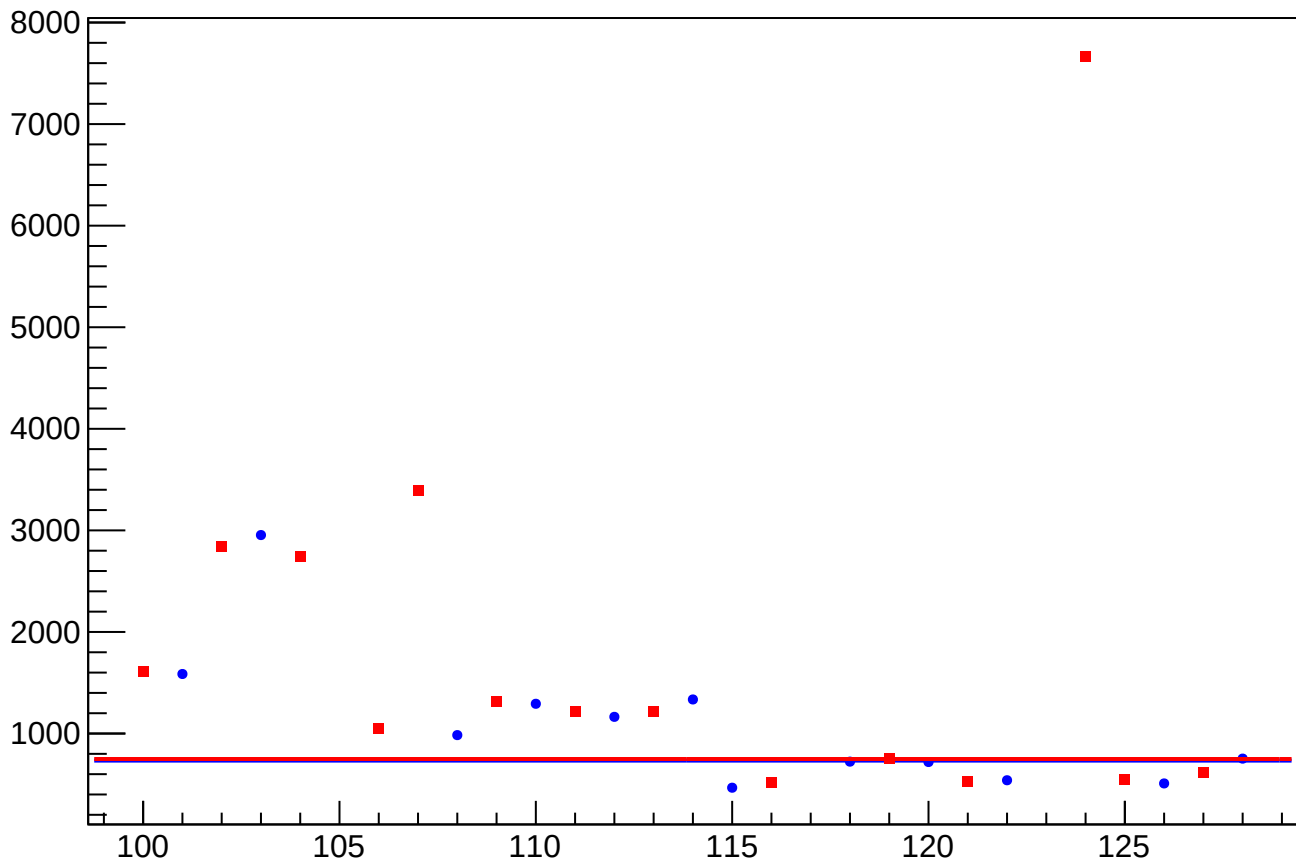
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 242.584+/-260.219 χ^2 /NDF: 28.8/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_dit_correction_rms vs Slug



Right In: 733.624+/-0.257 χ^2/NDF : 1786914.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 749.204+/-0.263 χ^2/NDF : 2739646.2/13

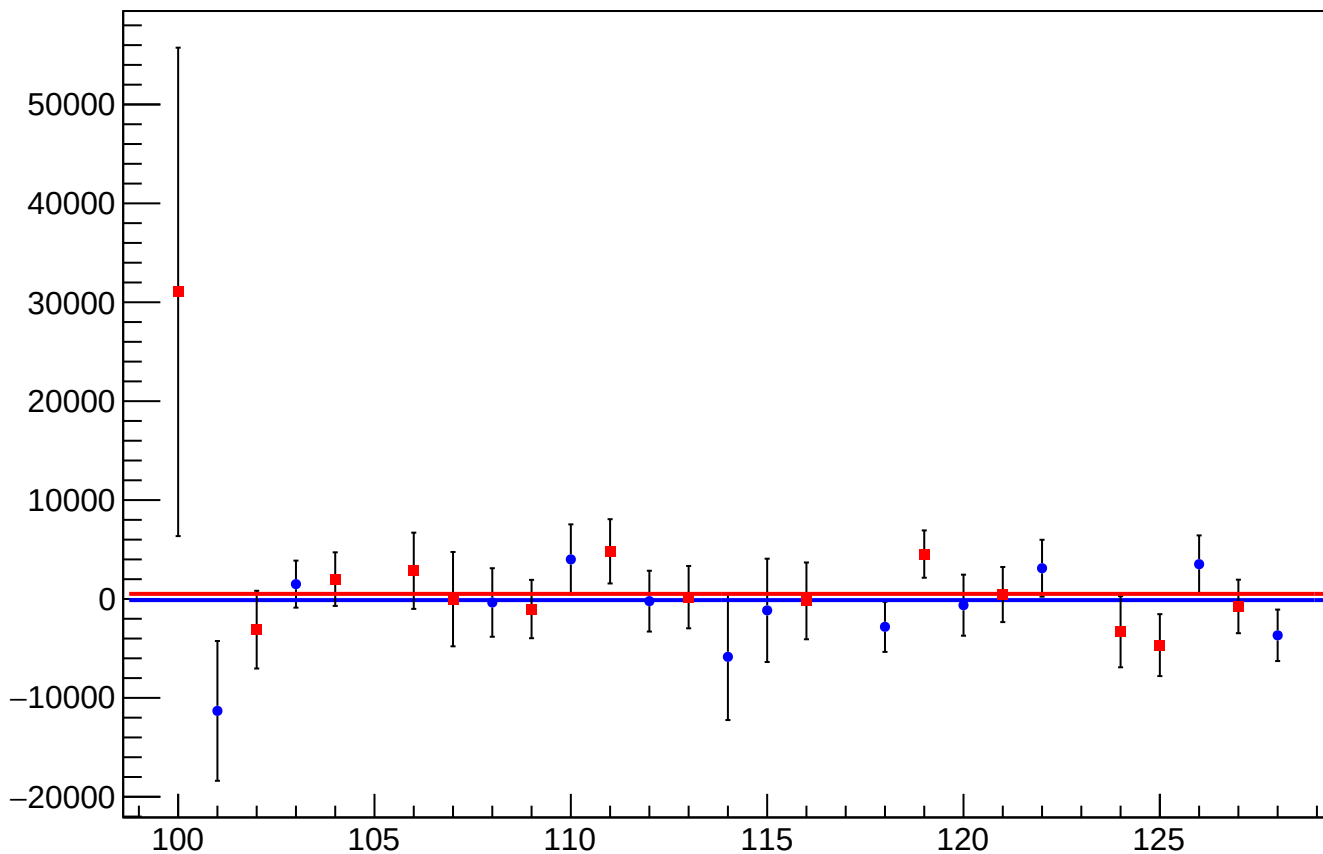
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 741.248+/-0.184 χ^2/NDF : 4528352.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_dd_mean vs Slug



Right In: -114.765+/-922.789 χ^2 /NDF: 11.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 516.453+/-873.619 χ^2 /NDF: 12.0/13

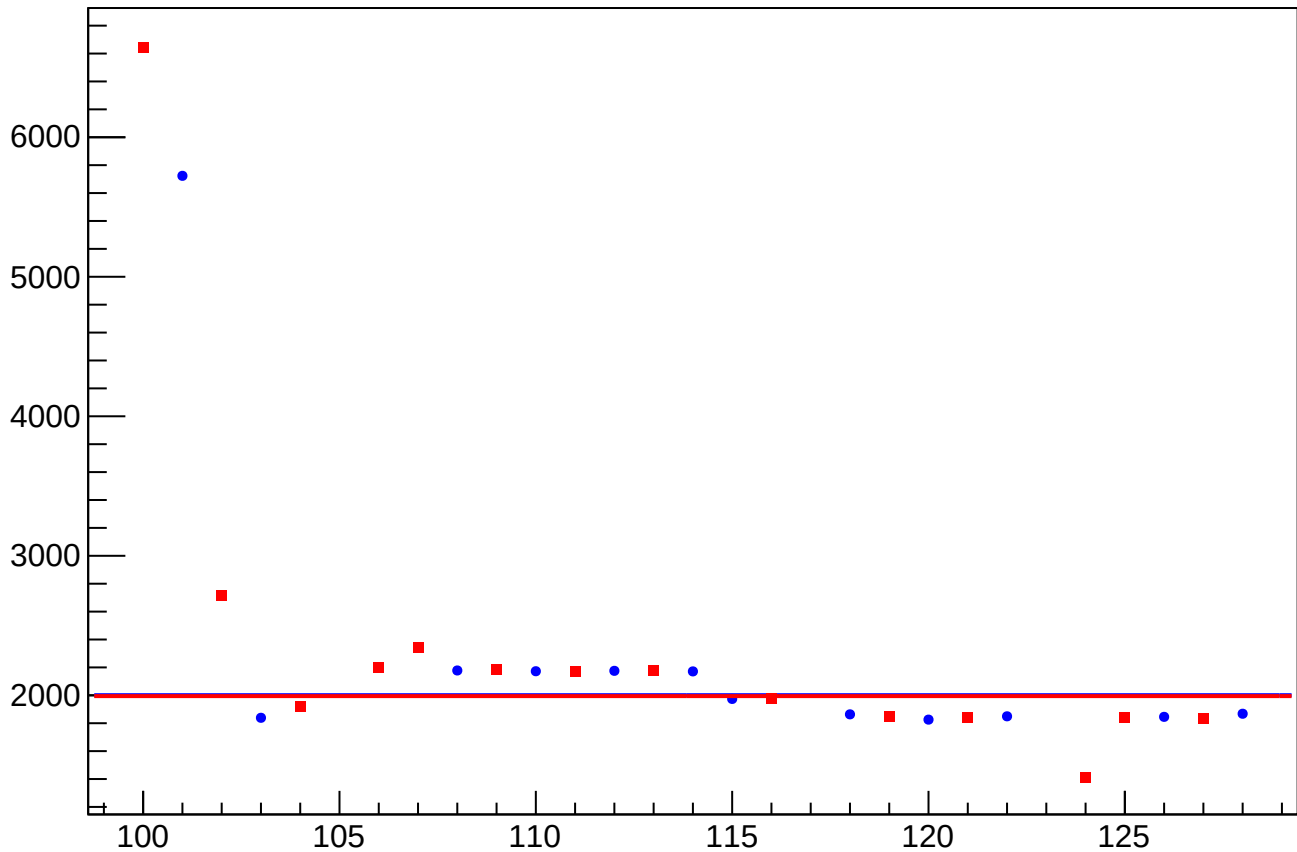
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 218.108+/-634.413 χ^2 /NDF: 23.3/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at1_dd_rms vs Slug



Right In: 2000.825+/-0.653 χ^2/NDF : 610713.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1994.259+/-0.618 χ^2/NDF : 254738.0/13

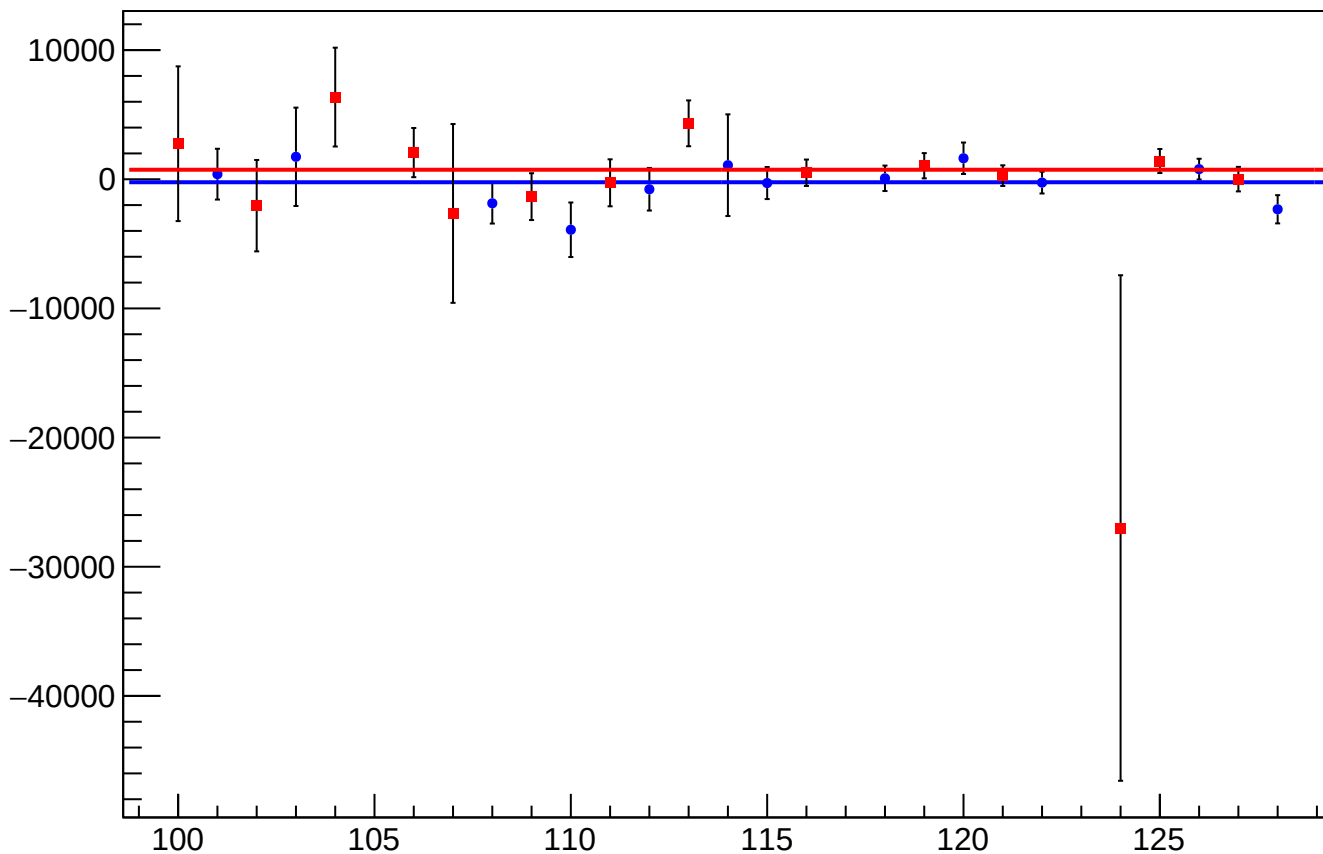
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1997.362+/-0.449 χ^2/NDF : 865504.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_dit_correction_mean vs Slug



Right In: -231.338+/-364.153 χ^2 /NDF: 12.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 737.099+/-371.981 χ^2 /NDF: 12.9/13

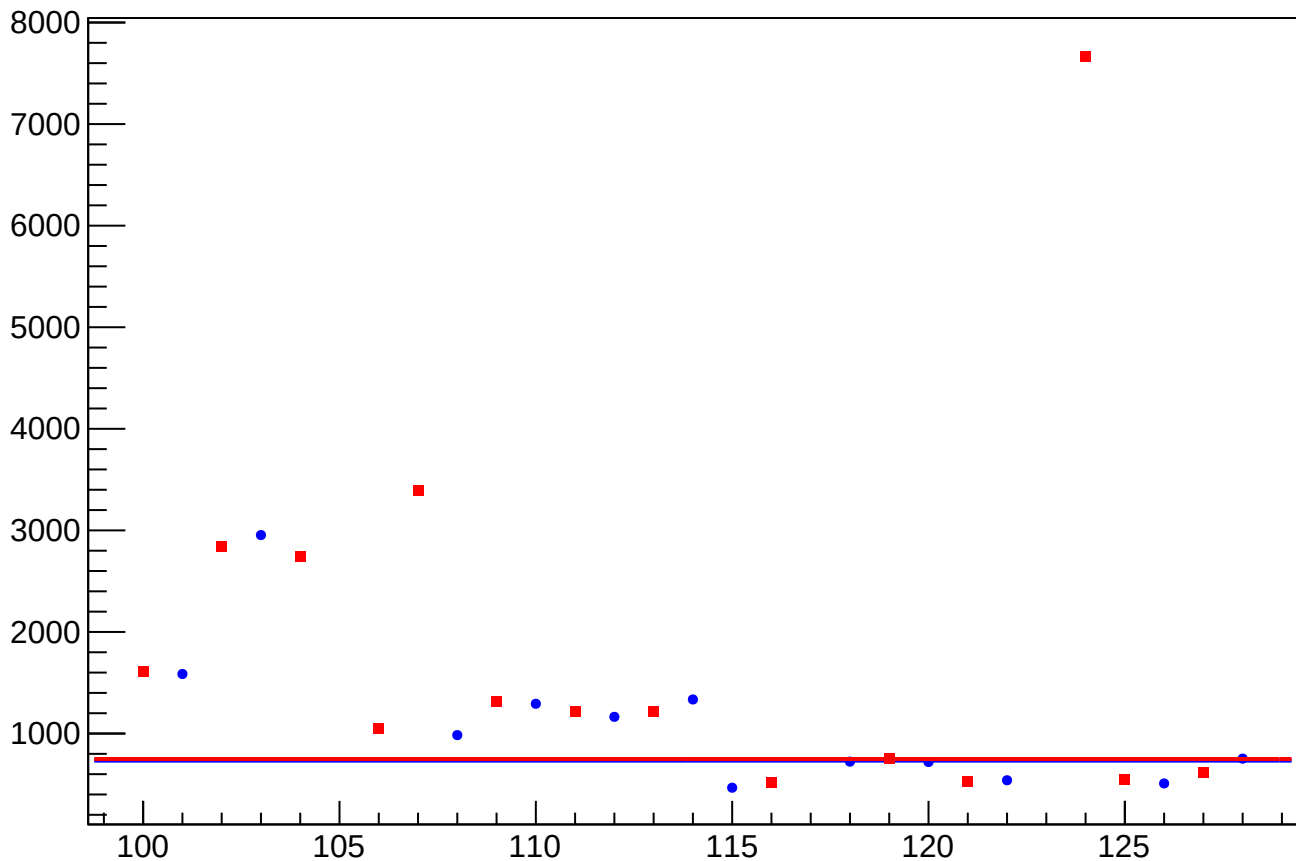
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 242.584+/-260.219 χ^2 /NDF: 28.8/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_dit_correction_rms vs Slug



Right In: 733.623+/-0.257 χ^2/NDF : 1786914.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 749.204+/-0.263 χ^2/NDF : 2739646.4/13

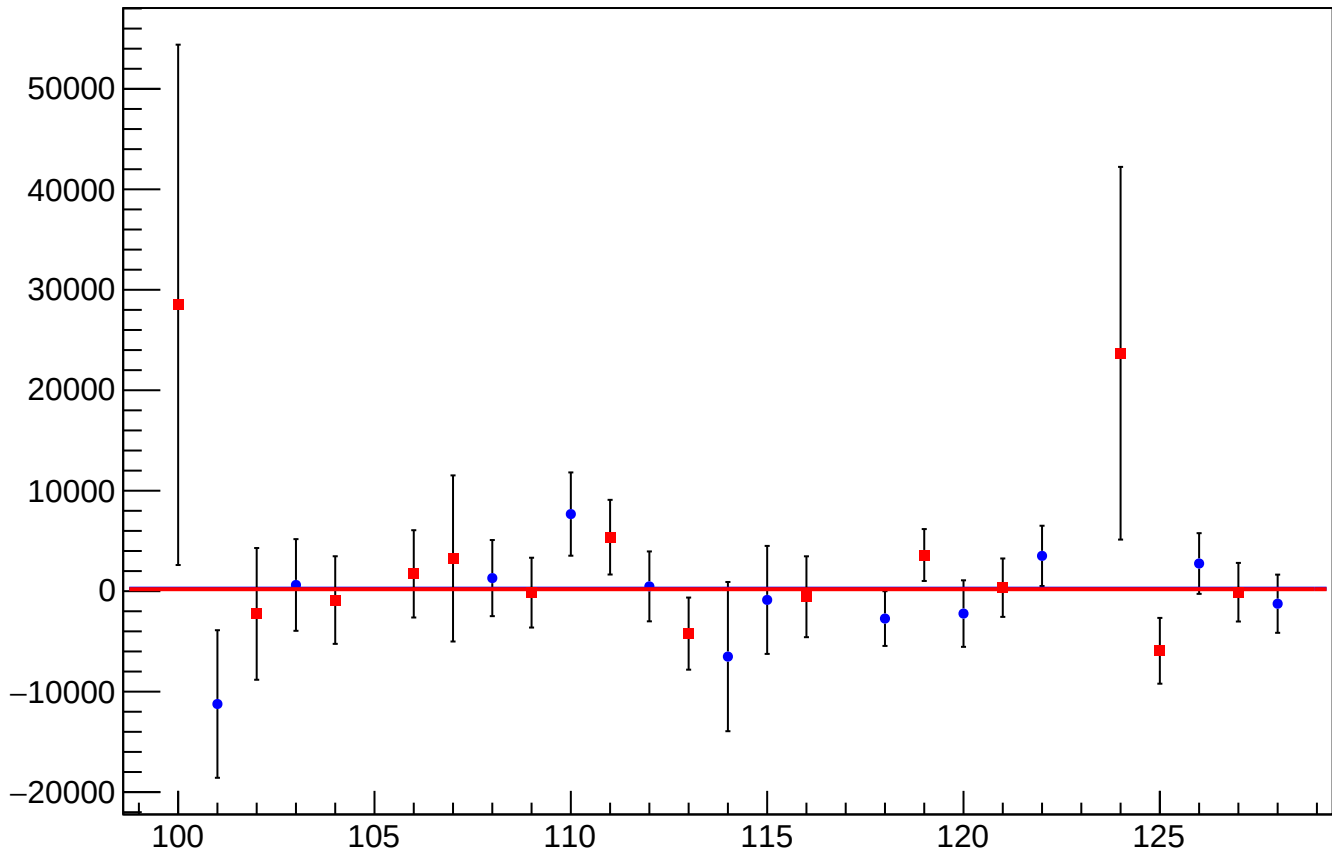
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 741.248+/-0.184 χ^2/NDF : 4528352.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_mean vs Slug



Right In: 249.192 $\pm$ 1056.703 χ^2 /NDF: 10.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 196.604 $\pm$ 1041.757 χ^2 /NDF: 12.0/13

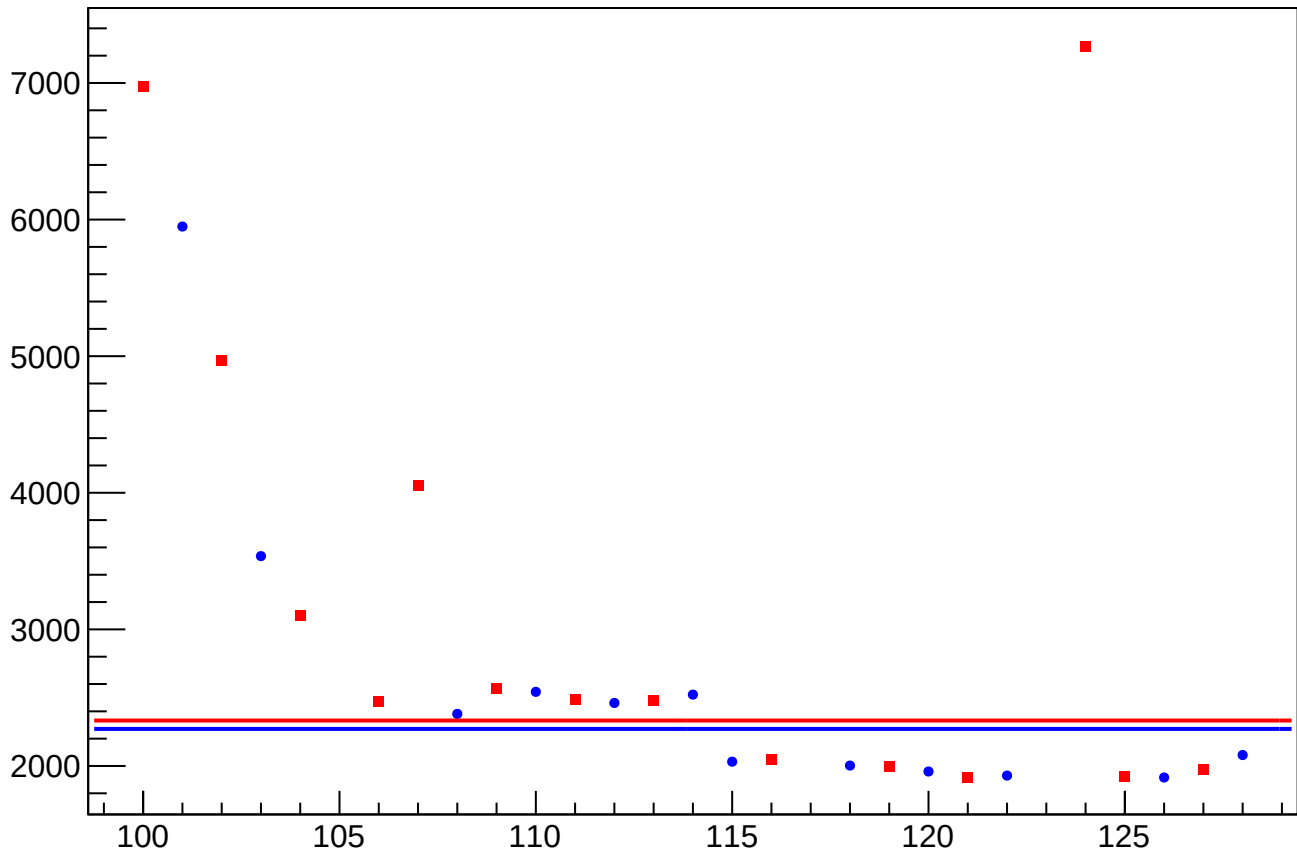
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 222.524 $\pm$ 741.861 χ^2 /NDF: 22.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_rms vs Slug



Right In: 2271.345+/-0.747 χ^2/NDF : 777041.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2332.796+/-0.737 χ^2/NDF : 841879.4/13

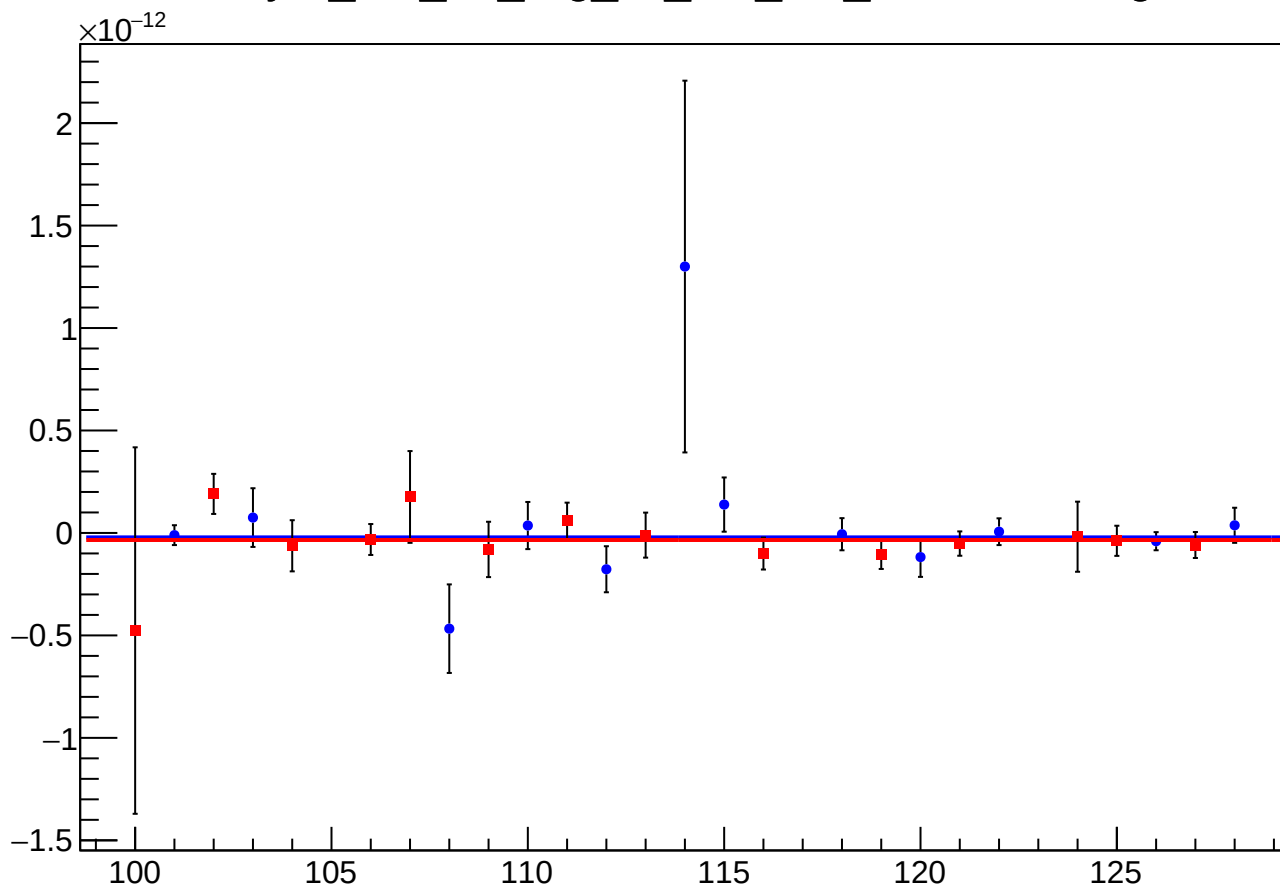
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2302.508+/-0.525 χ^2/NDF : 1622350.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 12.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 9.7/13

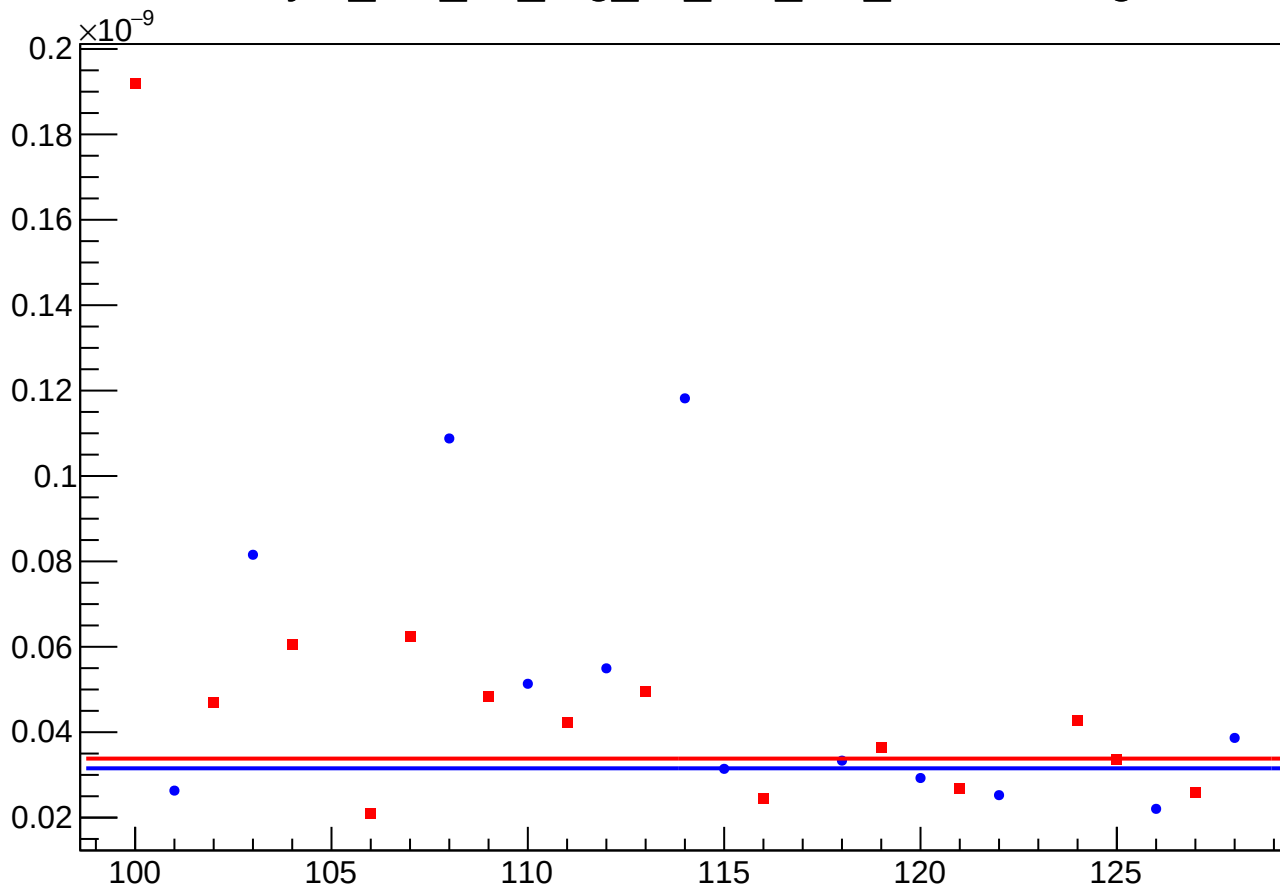
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 22.2/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at1_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 813934.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 461345.1/13

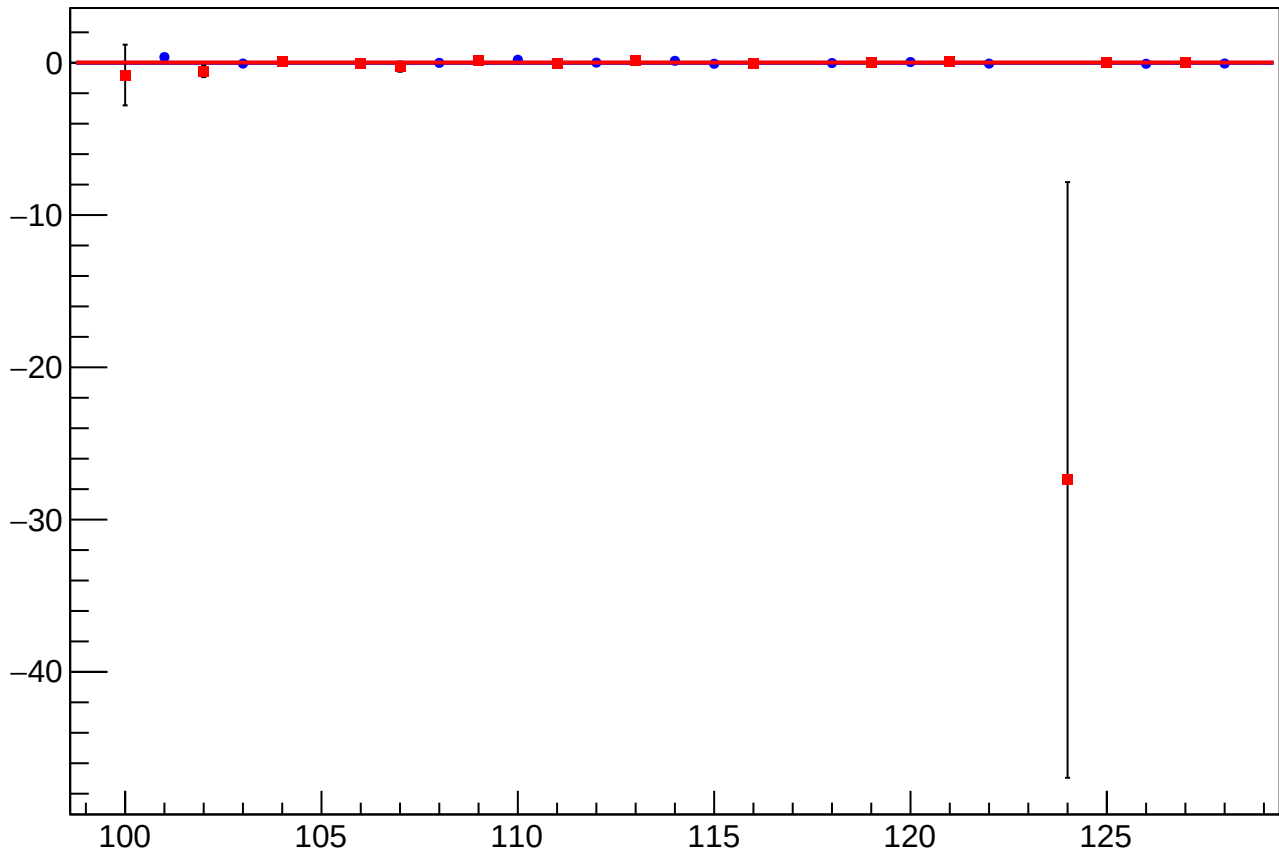
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1284640.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.005 ± 0.019 $\chi^2/\text{NDF}: 17.1/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.016 ± 0.019 $\chi^2/\text{NDF}: 11.4/13$

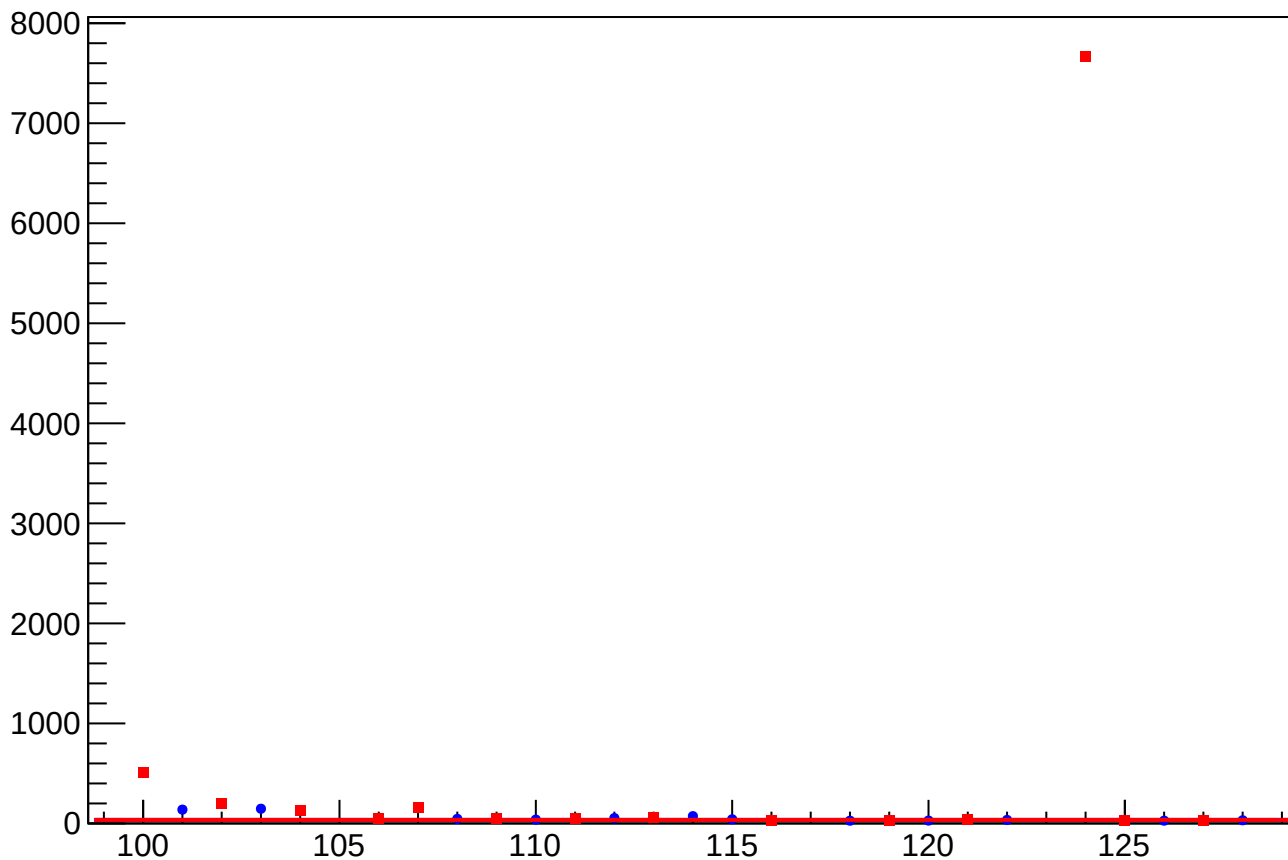
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.005 ± 0.014 $\chi^2/\text{NDF}: 29.0/25$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_at1_dd_dit_vs_cor_diff_rms vs Slug



Right In: 35.571+/-0.013 χ^2/NDF : 1649294.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.523+/-0.014 χ^2/NDF : 1947361.7/13

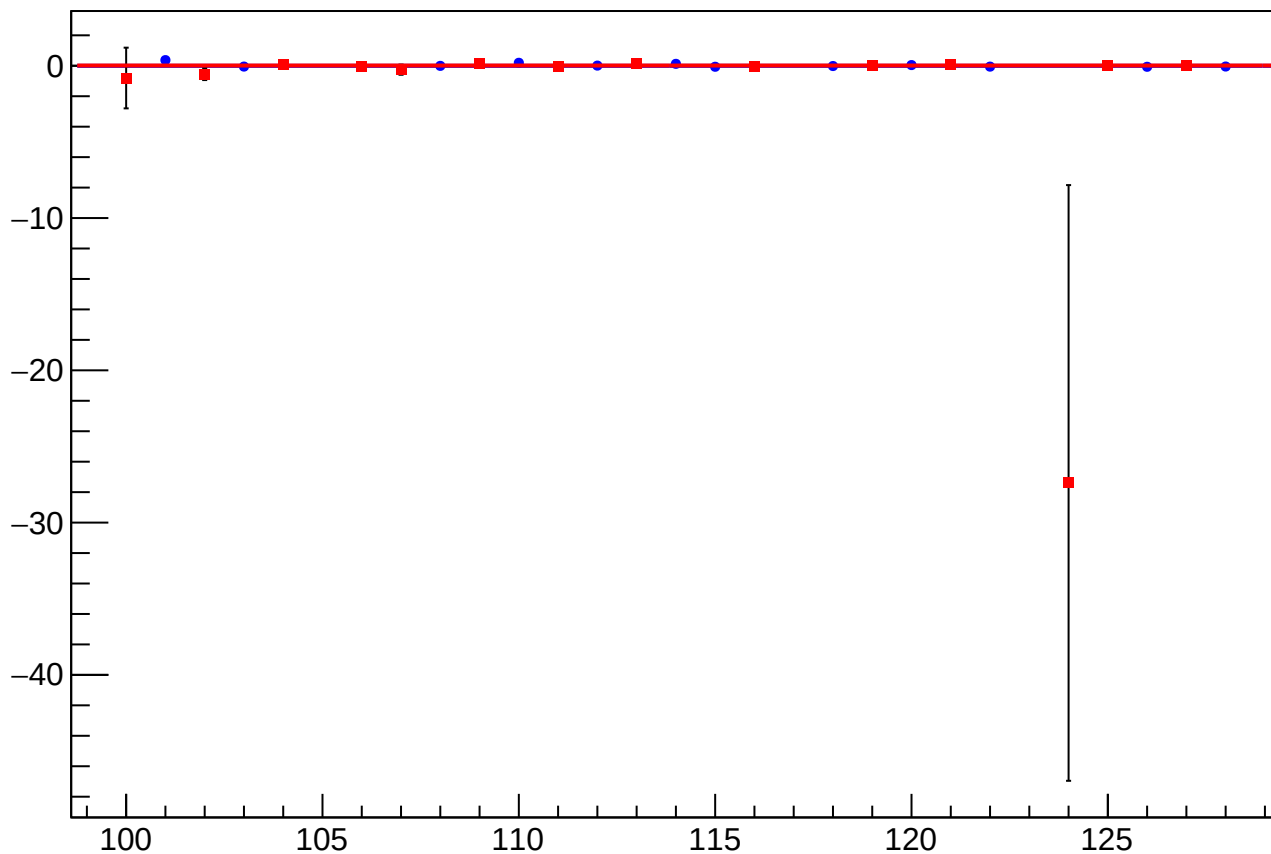
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.548+/-0.010 χ^2/NDF : 3596662.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.005 $\pm$ 0.019 χ^2 /NDF: 17.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.016 $\pm$ 0.019 χ^2 /NDF: 11.4/13

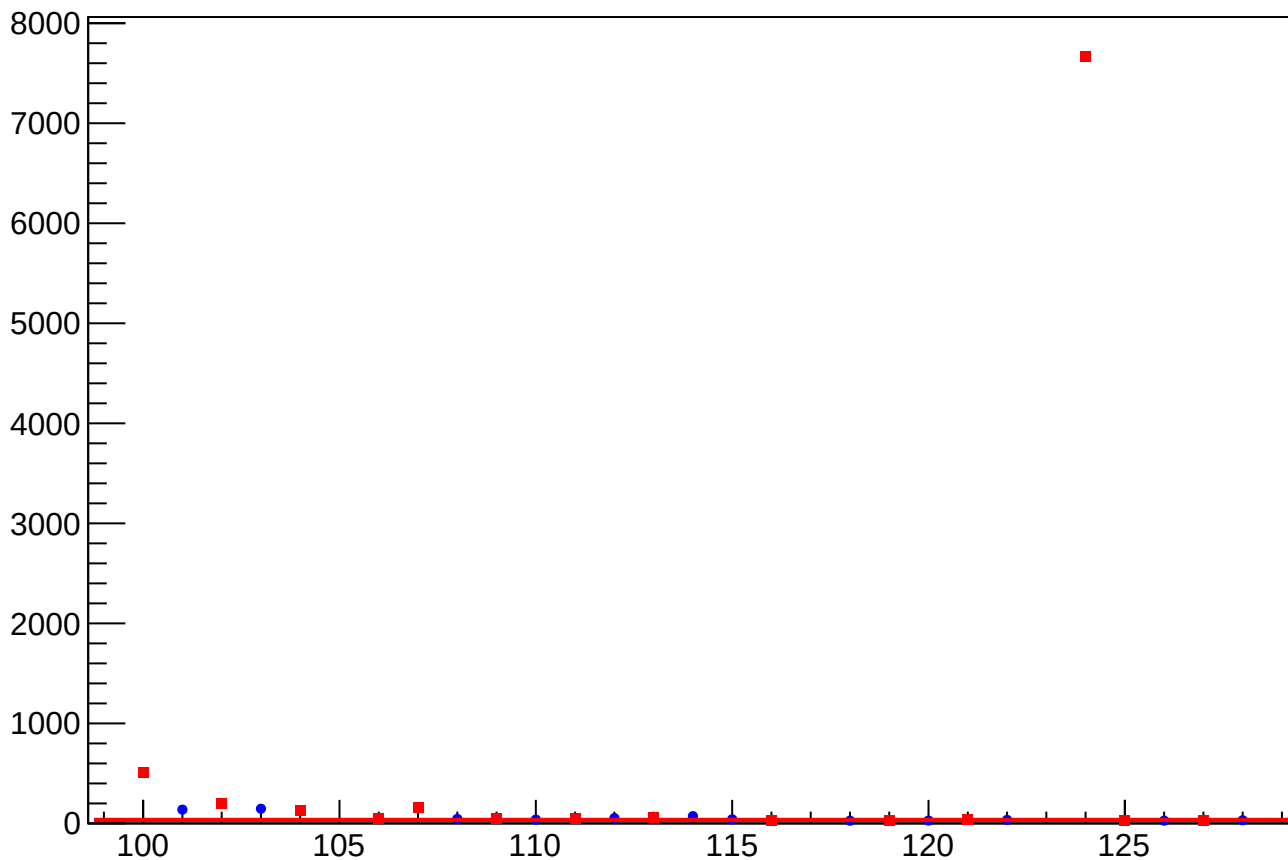
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.014 χ^2 /NDF: 29.0/25

- 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: 35.571 $\pm$ 0.013 χ^2 /NDF: 1649294.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 35.523 $\pm$ 0.014 χ^2 /NDF: 1947361.7/13

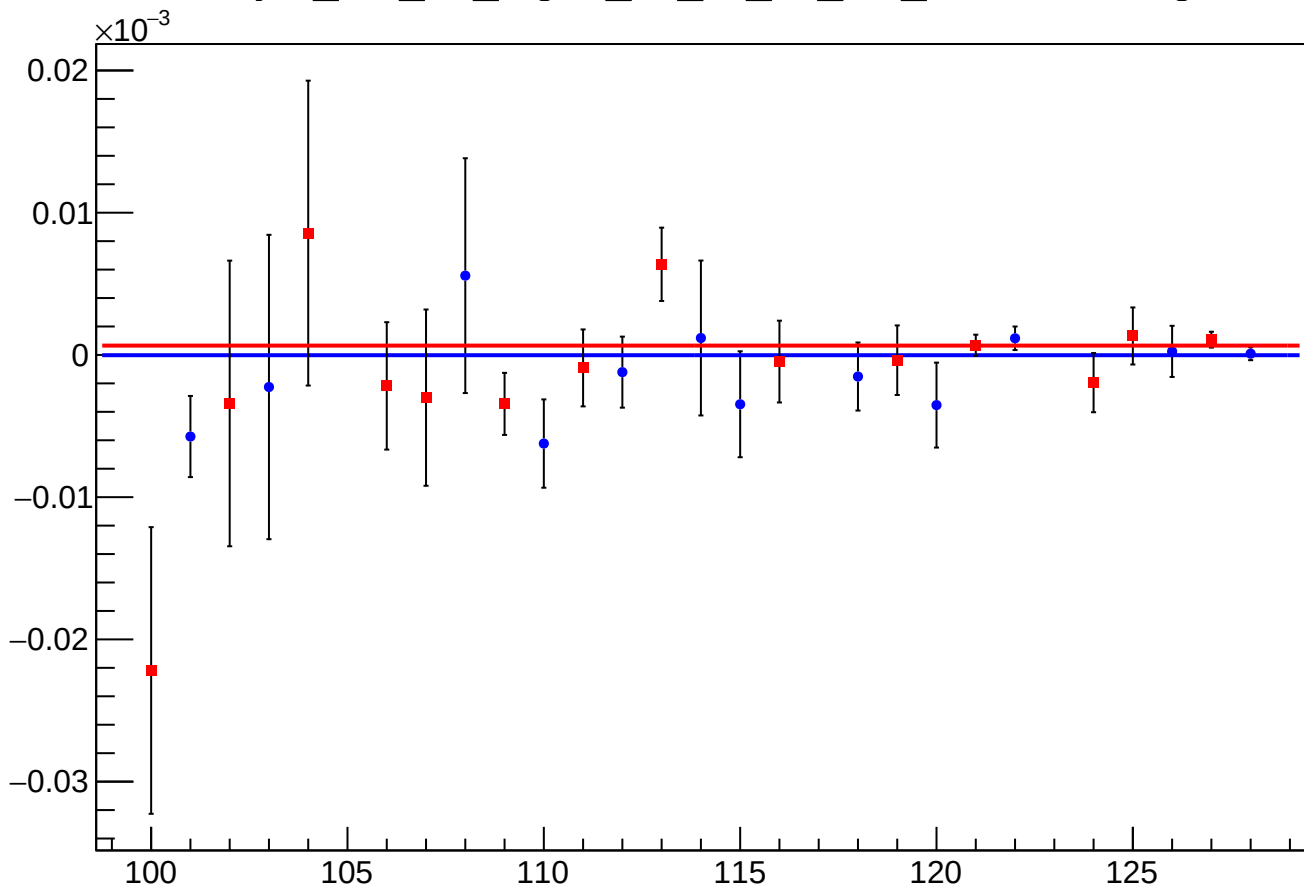
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.548 $\pm$ 0.010 χ^2 /NDF: 3596662.7/25

- 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: 13.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.9/13

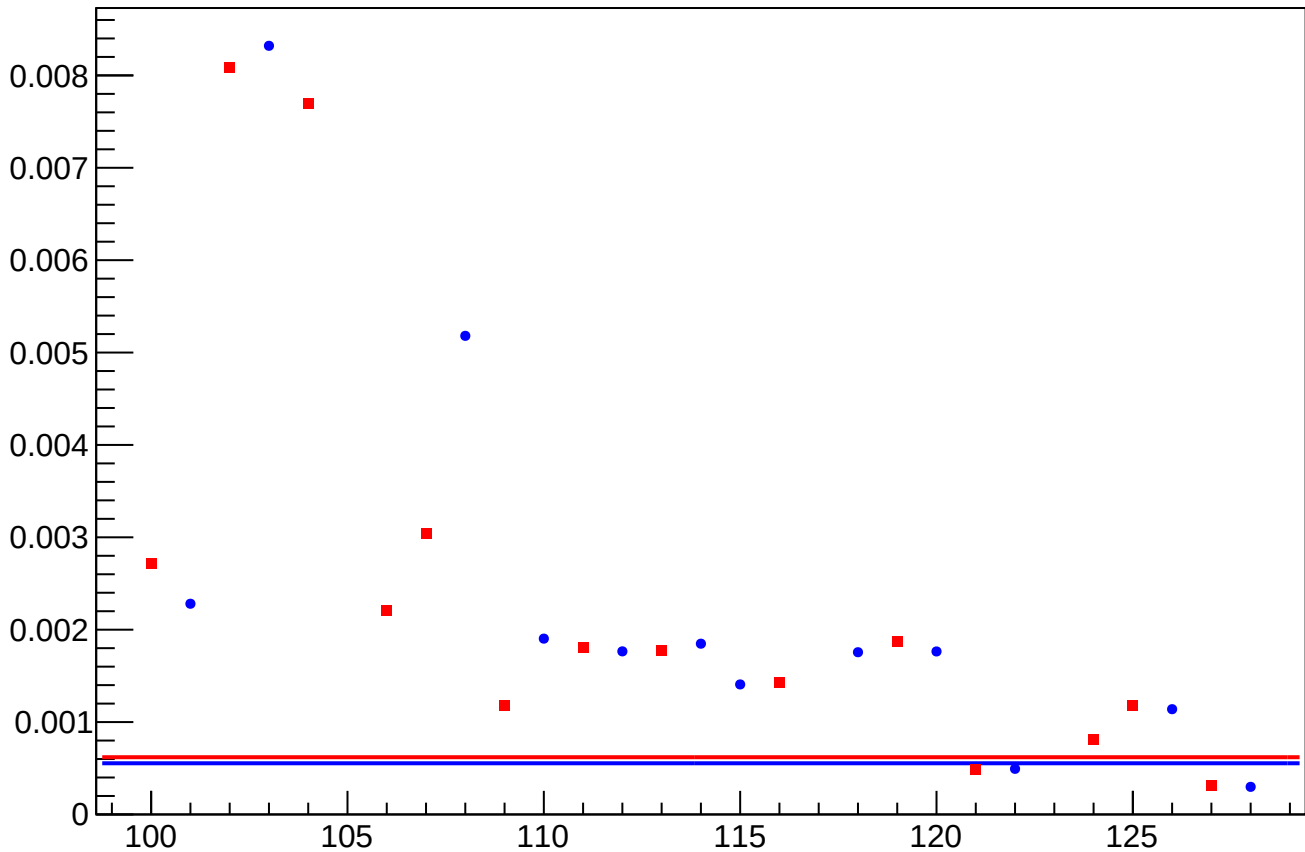
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 33.1/25

- 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 : 5163223.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 5082788.6/13

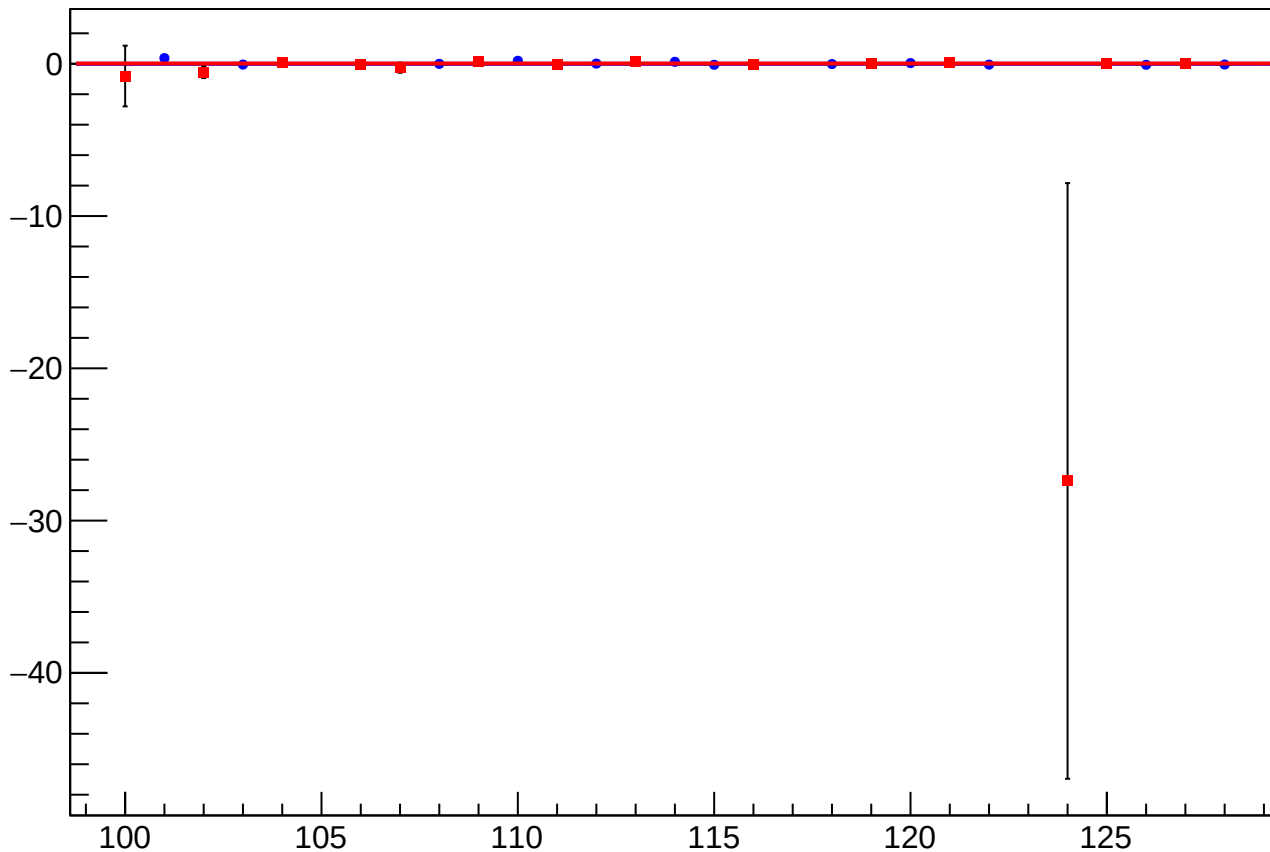
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 10275452.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.005+/-0.019 χ^2/NDF : 17.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.019 χ^2/NDF : 11.4/13

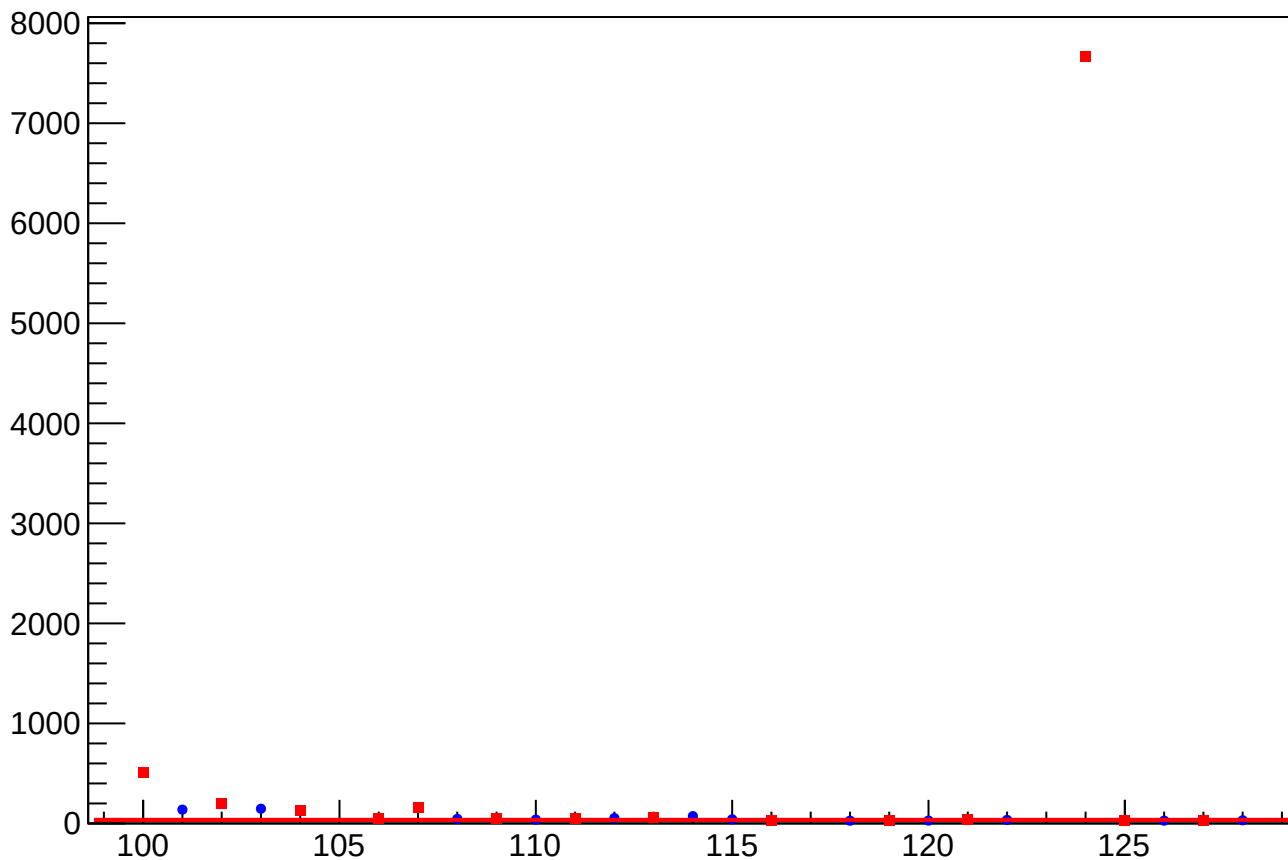
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.014 χ^2/NDF : 29.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 35.571+/-0.013 χ^2 /NDF: 1649270.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 35.523+/-0.014 χ^2 /NDF: 1947353.1/13

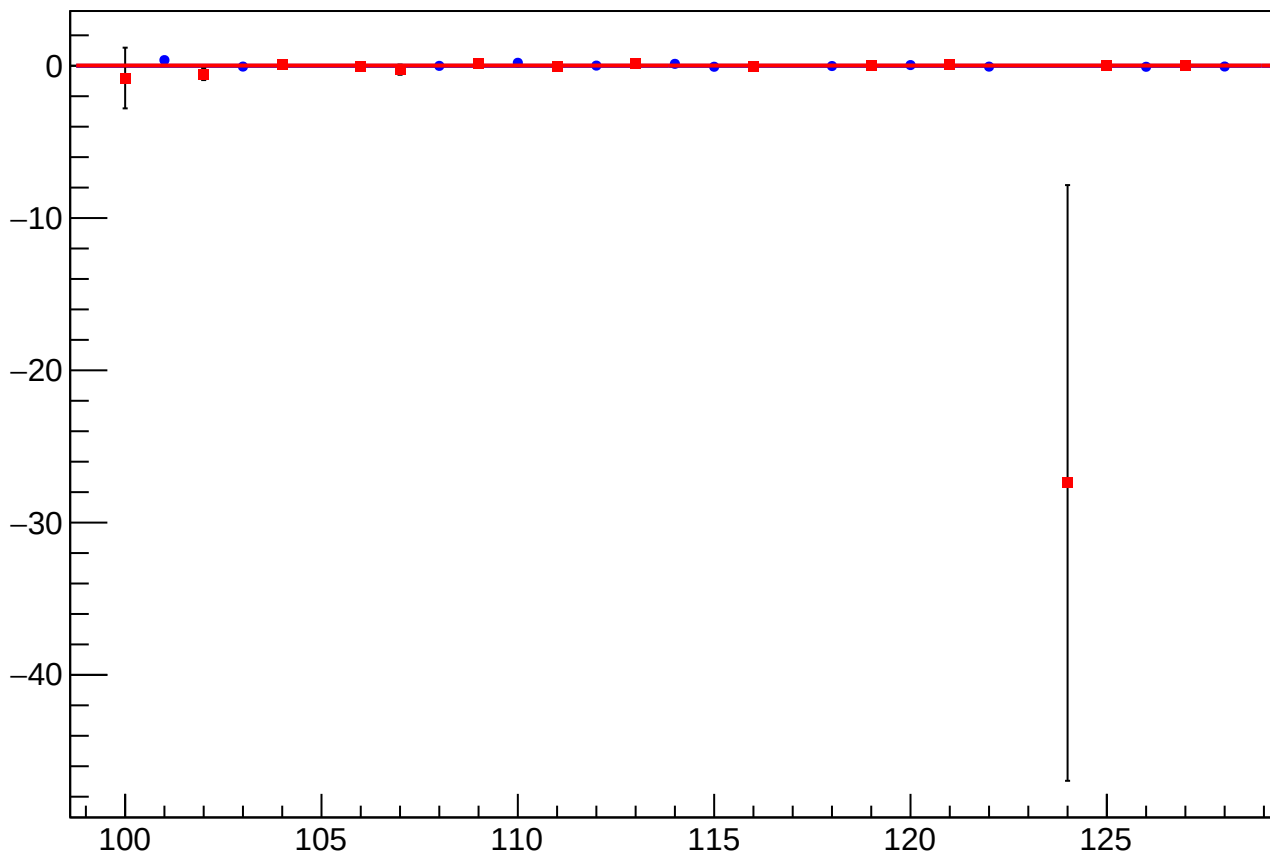
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 35.548+/-0.010 χ^2 /NDF: 3596629.4/25

- 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: -0.005 $\pm$ 0.019 χ^2 /NDF: 17.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.016 $\pm$ 0.019 χ^2 /NDF: 11.4/13

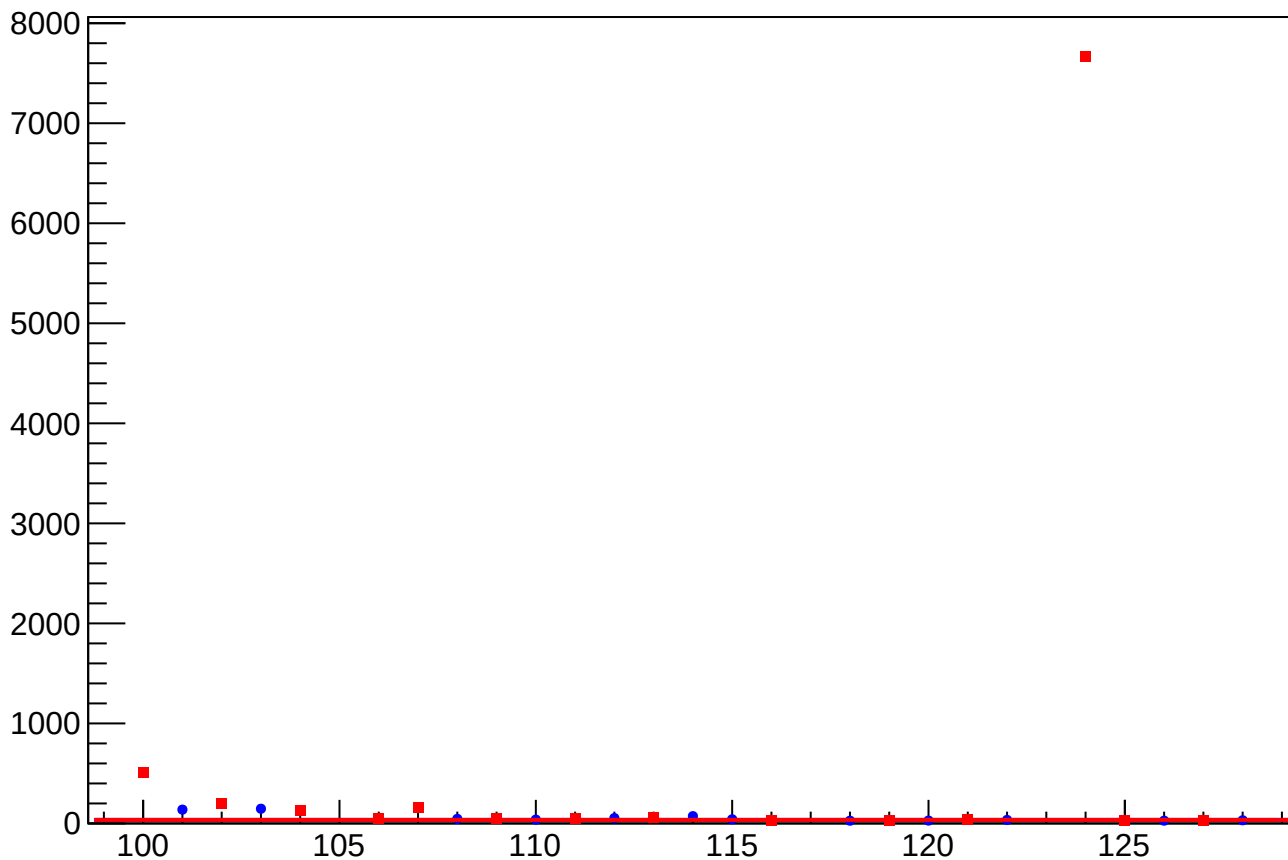
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.014 χ^2 /NDF: 29.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 35.571 $\pm$ 0.013 χ^2 /NDF: 1649270.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 35.523 $\pm$ 0.014 χ^2 /NDF: 1947353.1/13

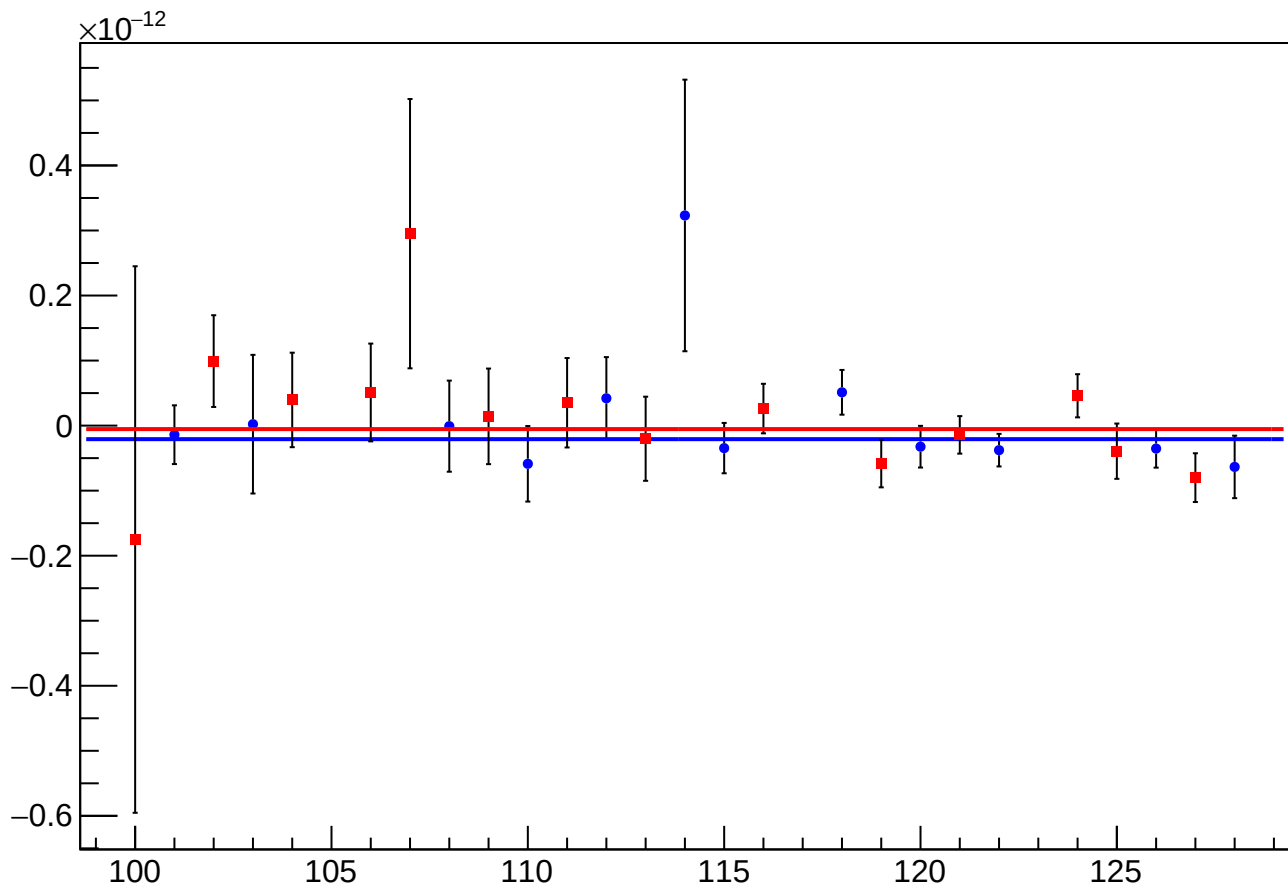
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.548 $\pm$ 0.010 χ^2 /NDF: 3596629.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 10.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 15.8/13

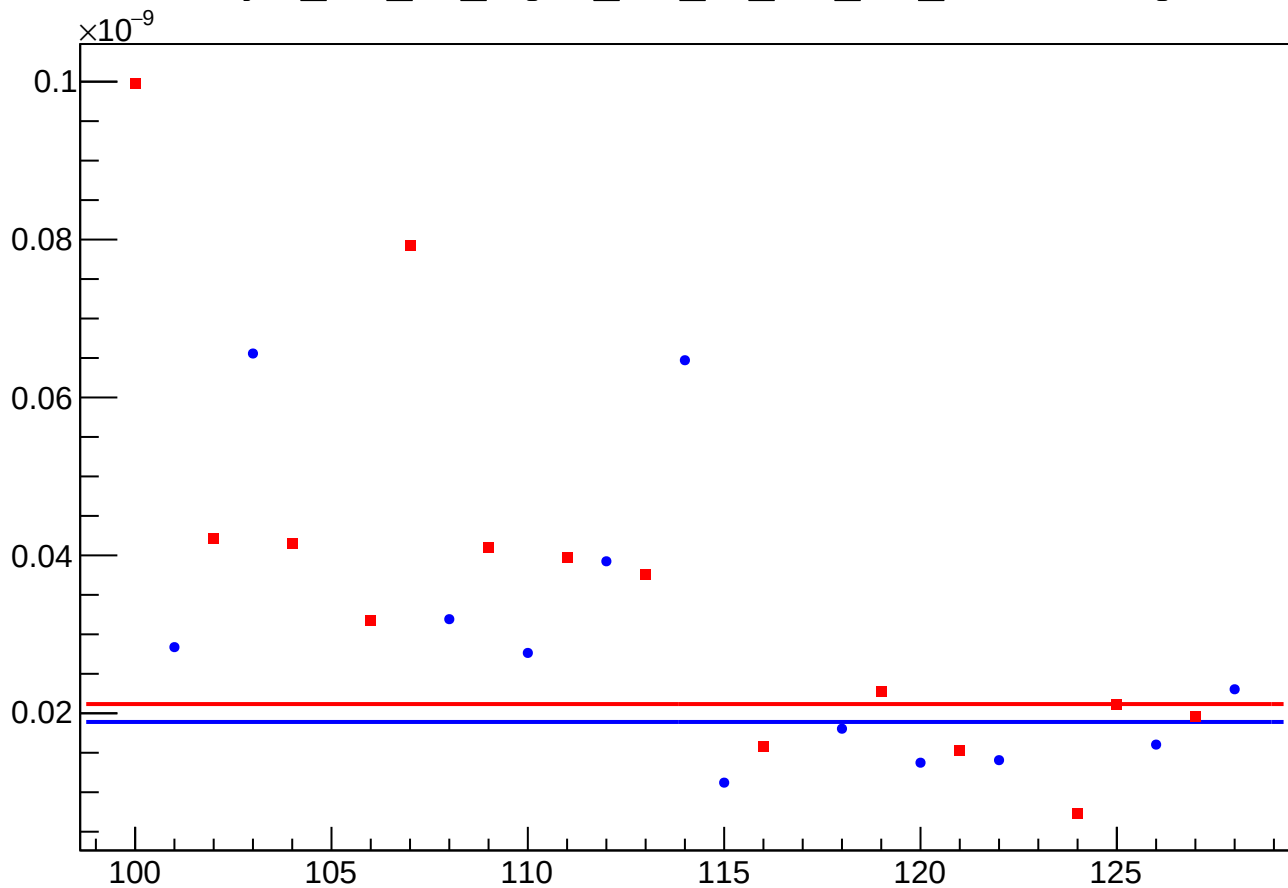
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 26.9/25

- 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 : 1129258.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1497852.6/13

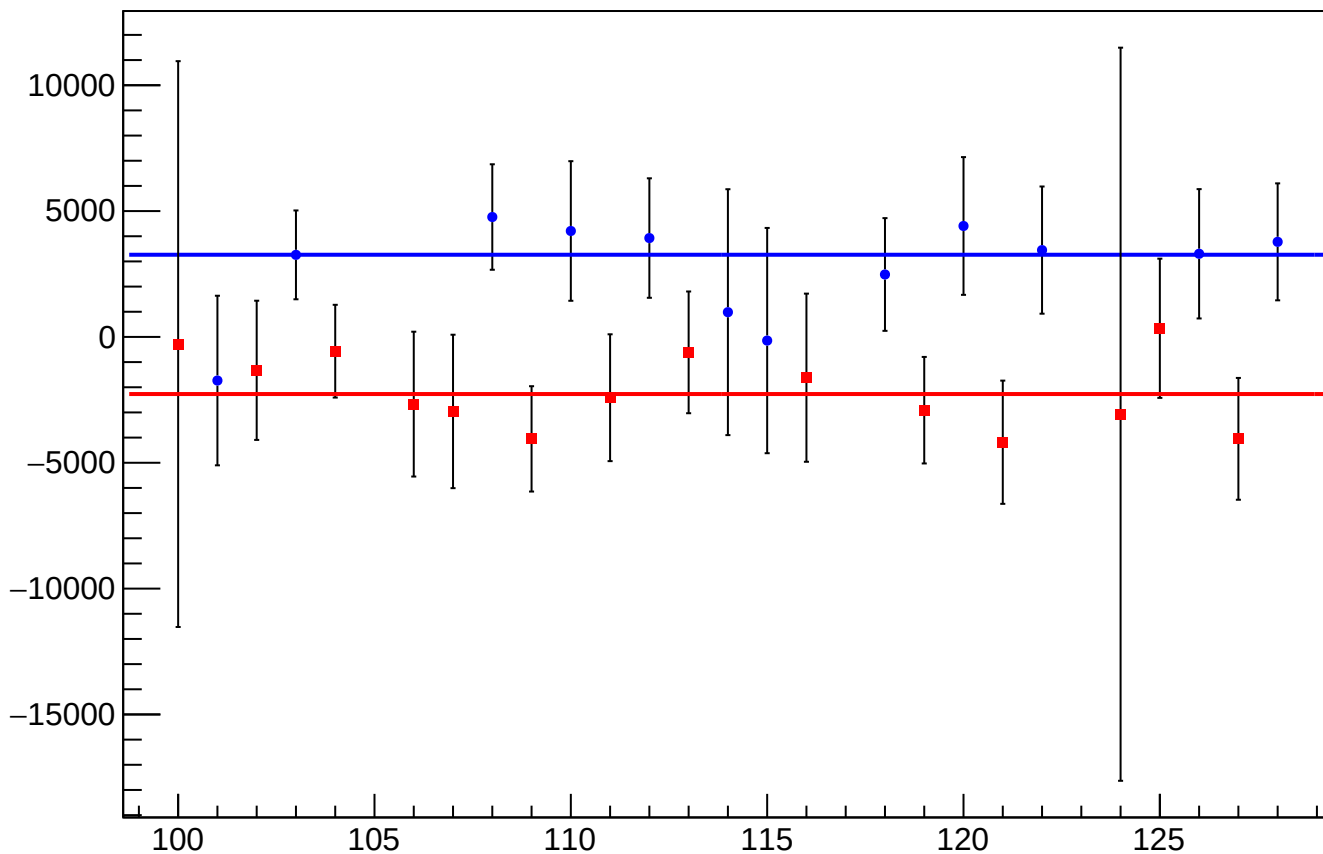
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2660514.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_mean vs Slug



Right In: 3265.027 $\pm$ 732.756 χ^2 /NDF: 4.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2269.288 $\pm$ 706.333 χ^2 /NDF: 4.4/13

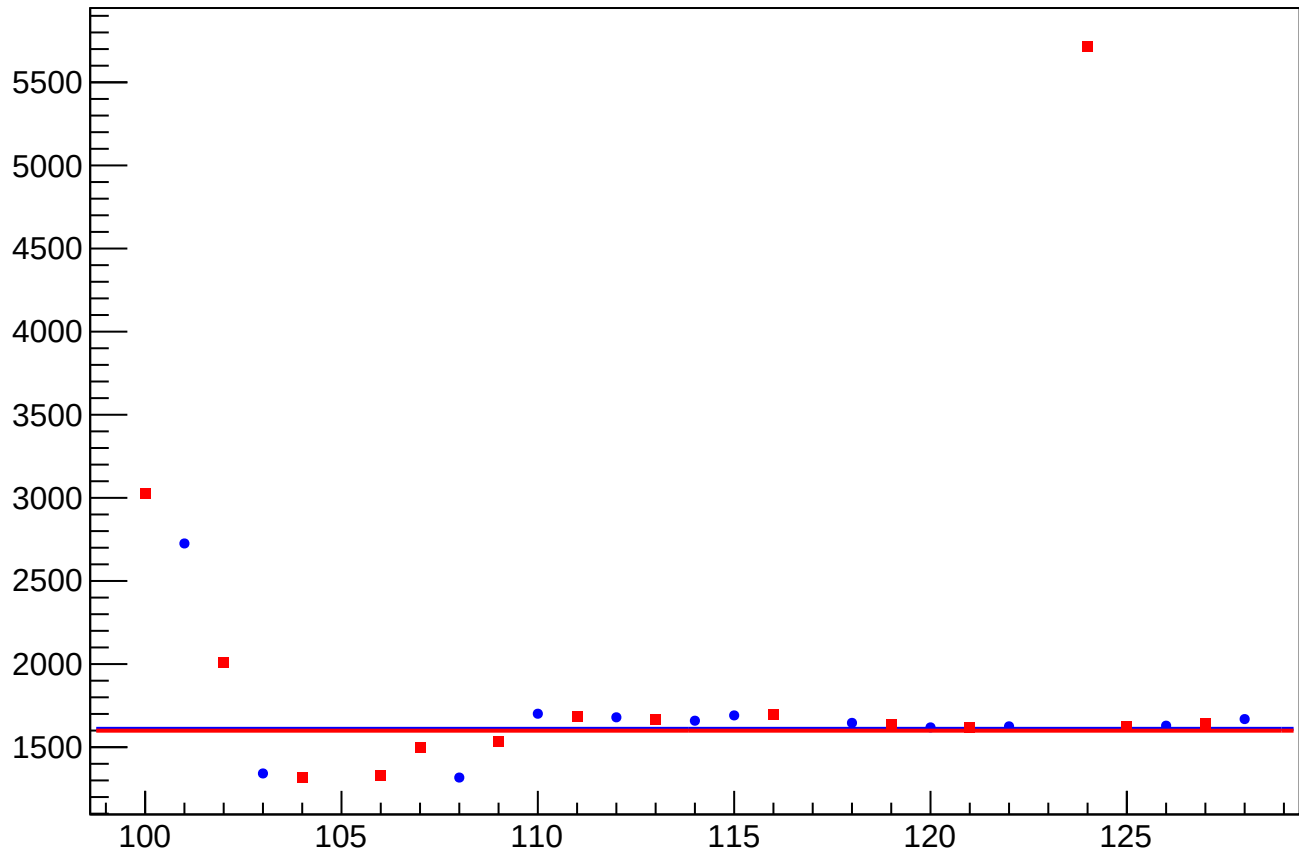
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 396.287 $\pm$ 508.538 χ^2 /NDF: 38.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_avg_rms vs Slug



Right In: 1610.341+/-0.518 χ^2/NDF : 311250.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1599.315+/-0.499 χ^2/NDF : 310691.7/13

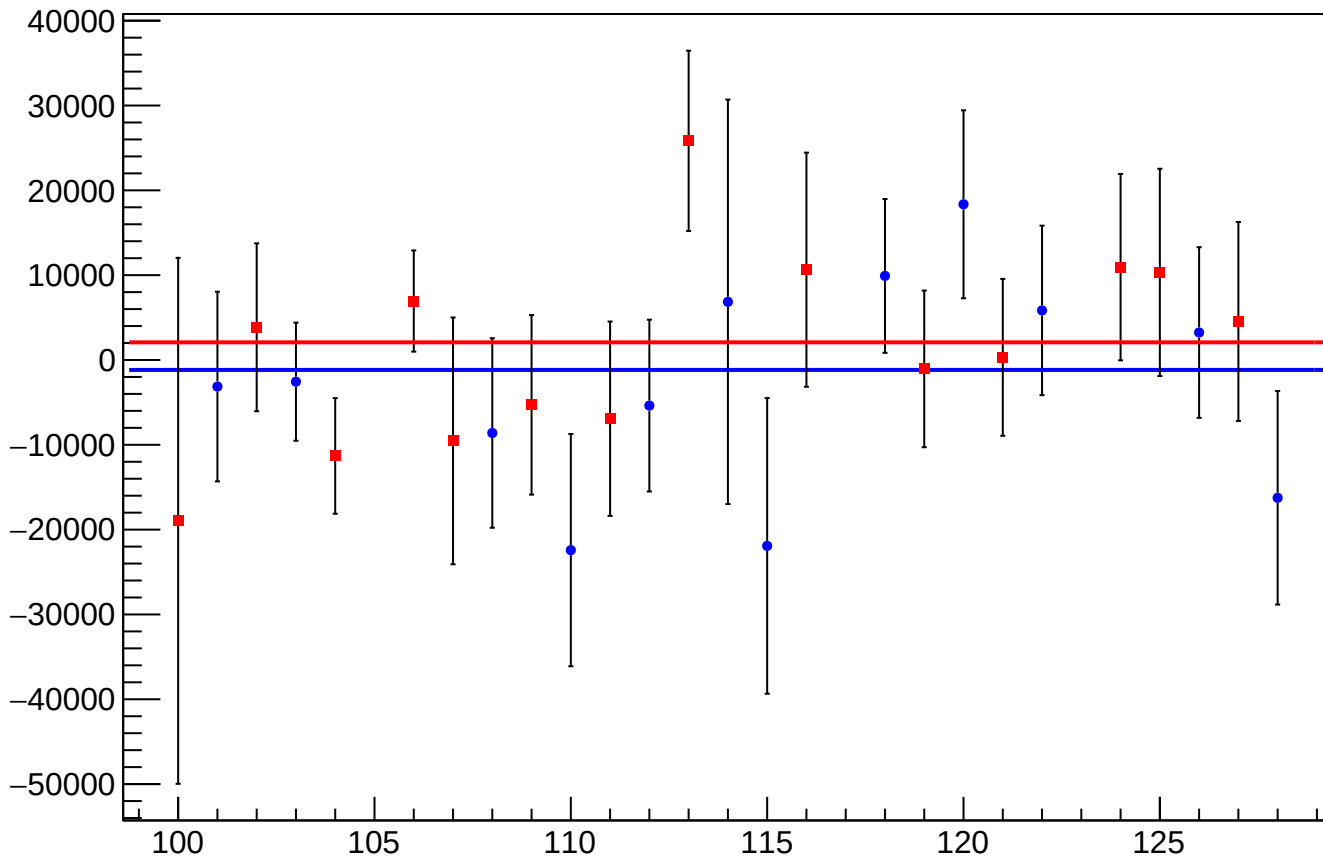
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1604.626+/-0.360 χ^2/NDF : 622177.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_reg_correction_mean vs Slug



Right In: -1170.428+/-3111.574 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

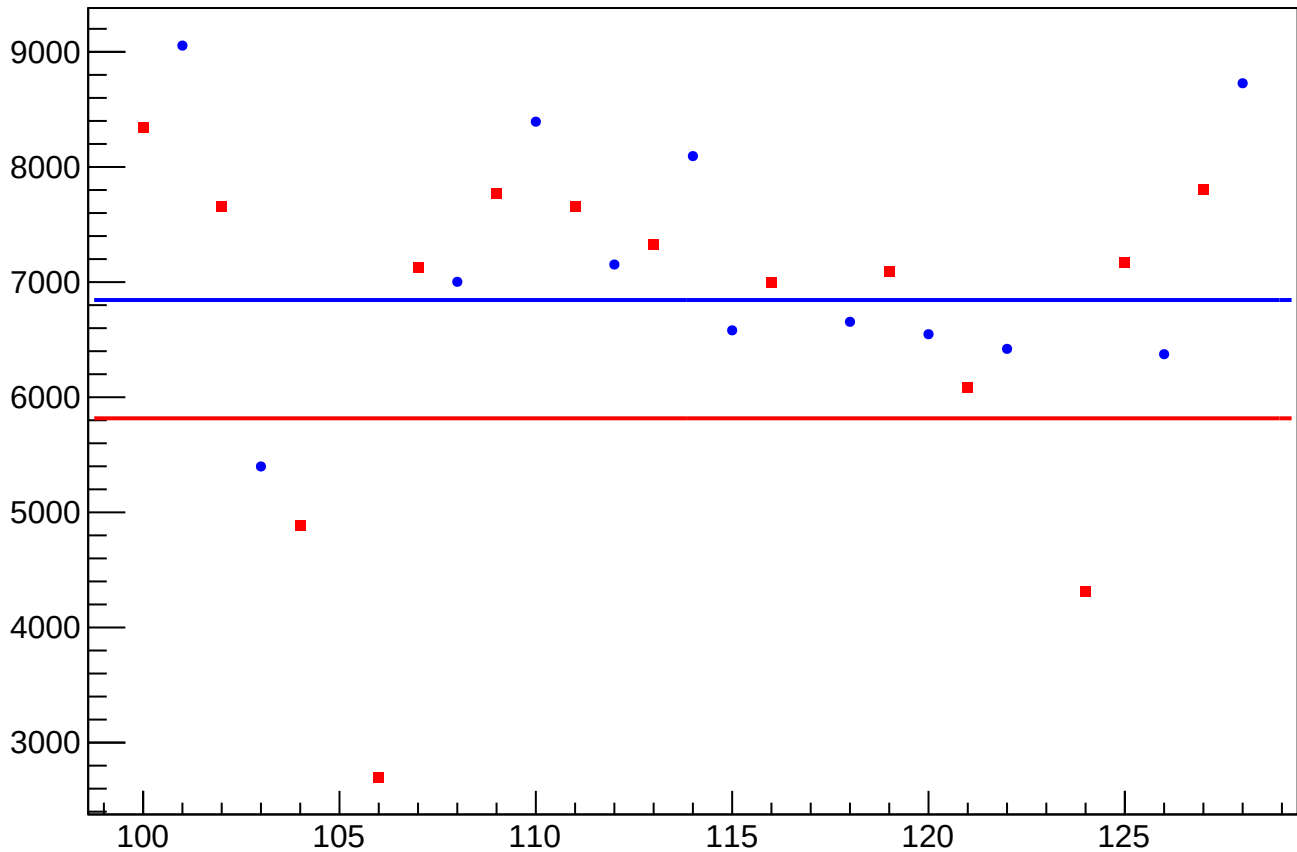
Right Out: 2079.366+/-2654.476 χ^2/NDF : 13.4/13

All: 710.484+/-2019.460 χ^2/NDF : 25.4/25

- 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: 6844.435 ± 2.200 χ^2/NDF : 253208.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

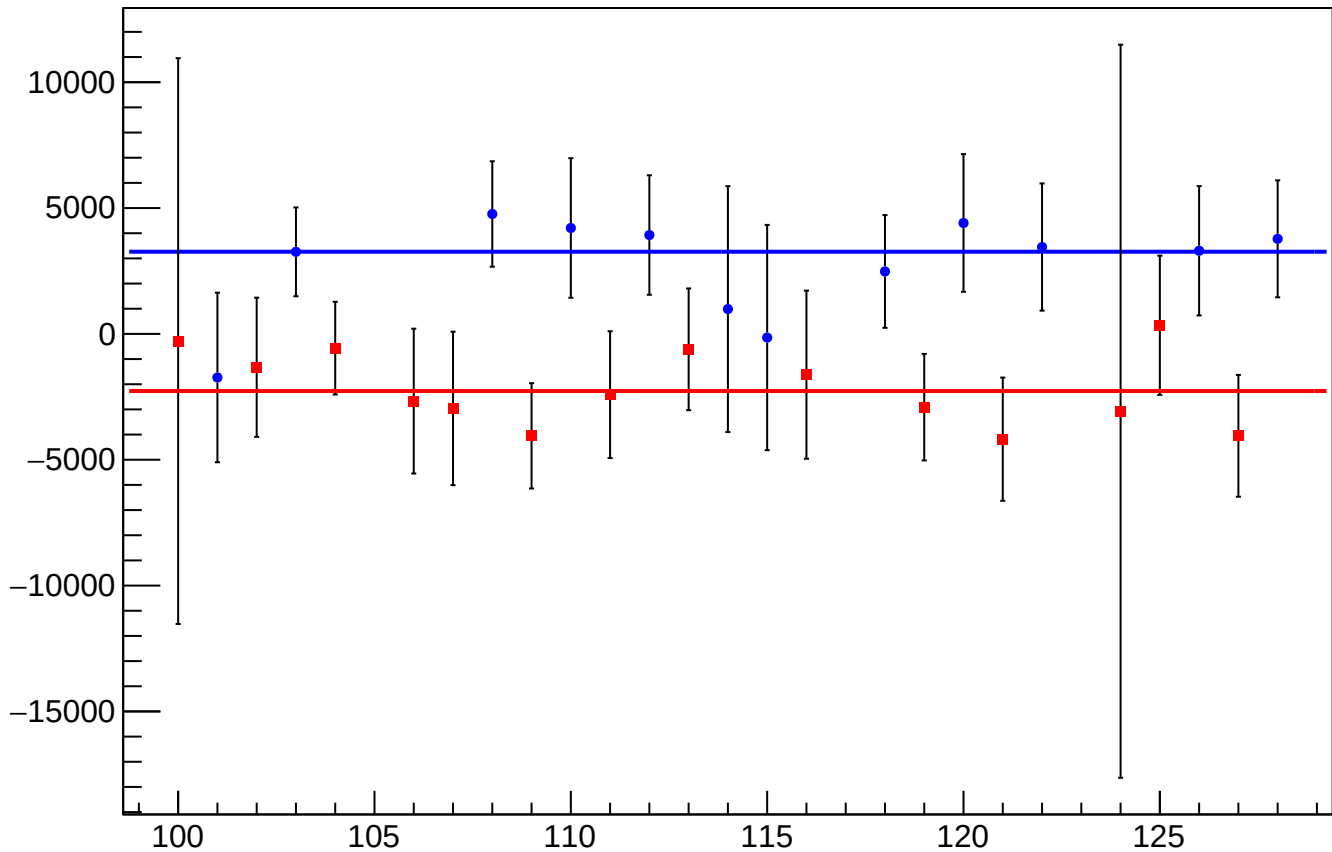
Right Out: 5816.895 ± 1.877 χ^2/NDF : 1016206.0/13

All: 6249.717 ± 1.428 χ^2/NDF : 1395649.6/25

- 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: 3265.203+/-732.756 χ^2/NDF : 4.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2269.048+/-706.333 χ^2/NDF : 4.4/13

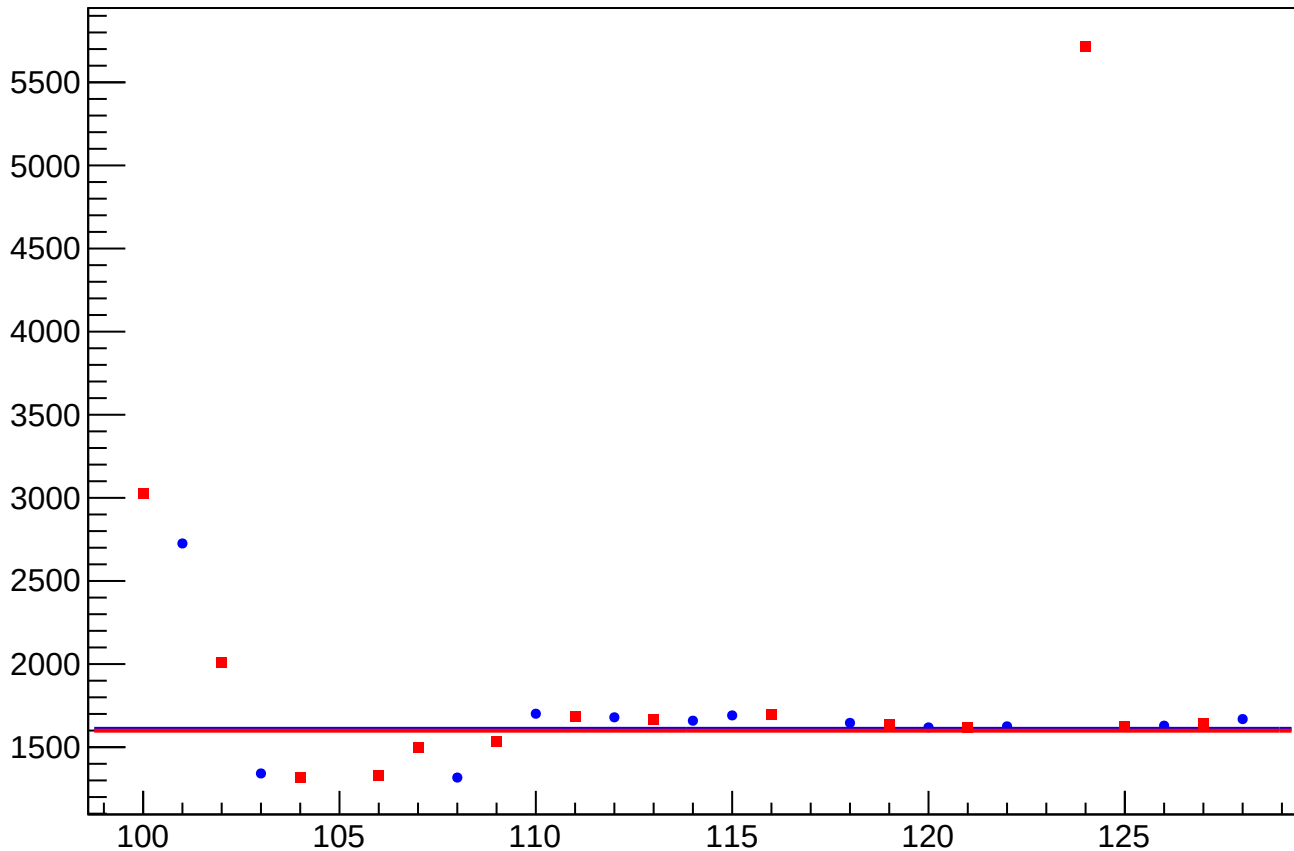
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 396.496+/-508.538 χ^2/NDF : 38.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at2_avg_rms vs Slug



Right In: 1610.341+/-0.518 χ^2/NDF : 311251.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1599.315+/-0.499 χ^2/NDF : 310691.6/13

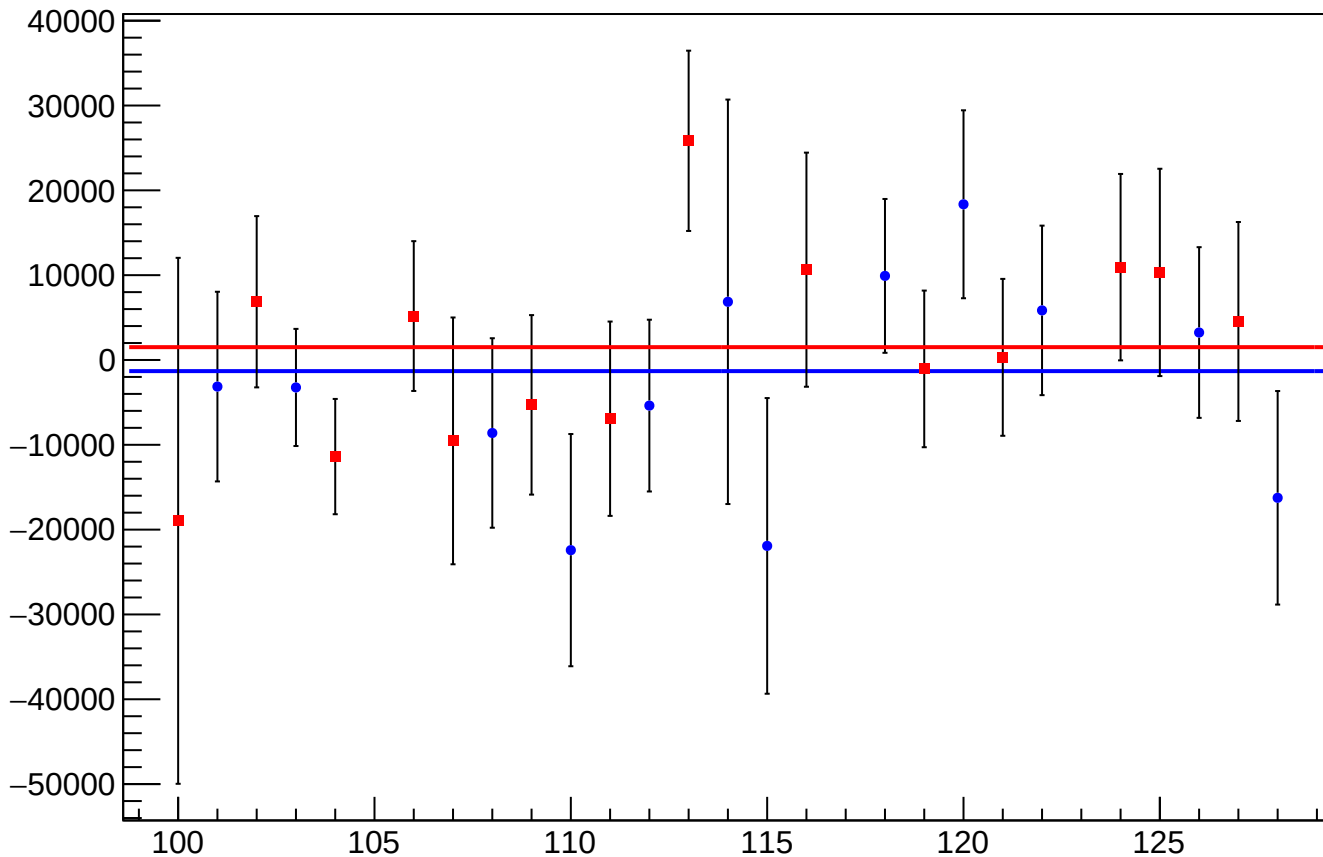
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1604.626+/-0.360 χ^2/NDF : 622177.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_cor_correction_mean vs Slug



Right In: -1312.690+/-3106.233 χ^2/NDF : 11.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1512.681+/-2813.038 χ^2/NDF : 13.1/13

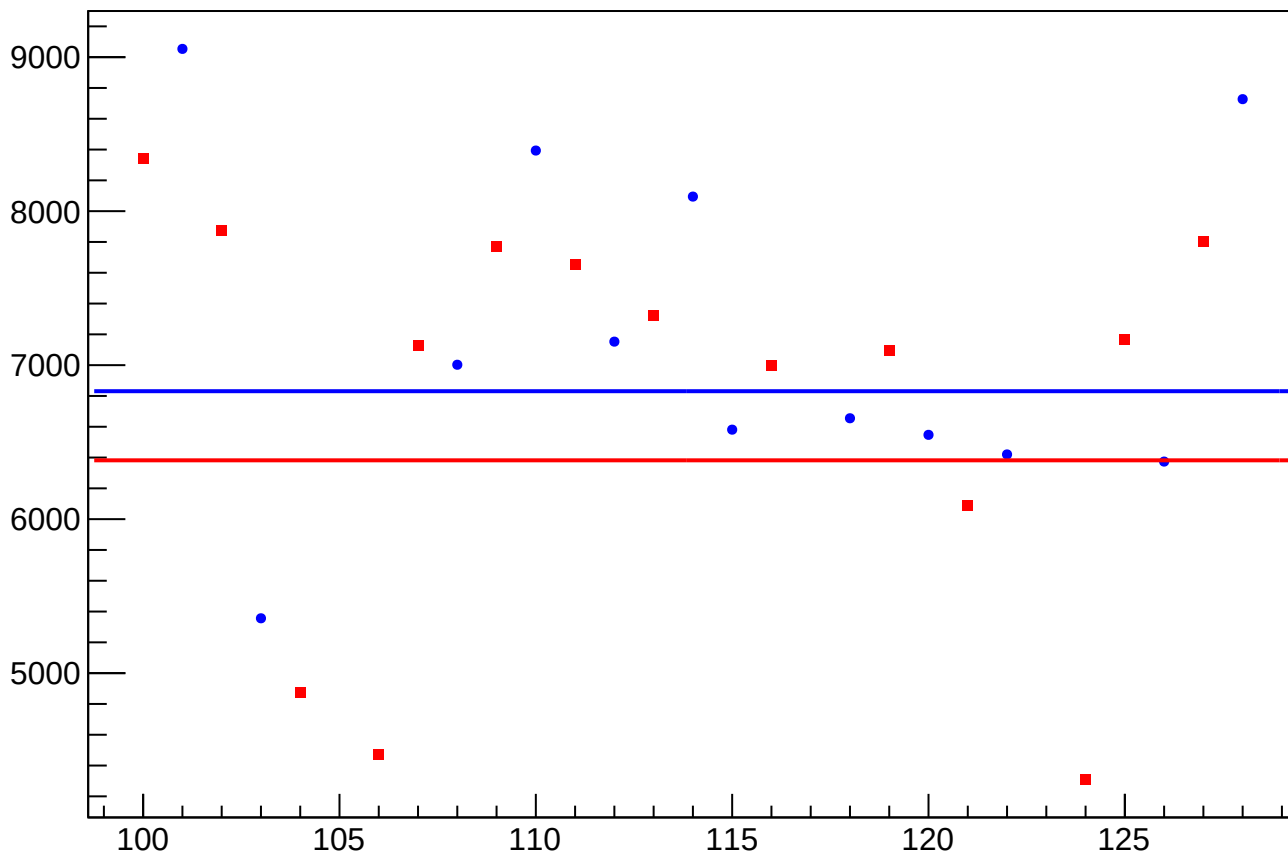
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 239.601+/-2085.088 χ^2/NDF : 25.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_cor_correction_rms vs Slug



Right In: 6830.890+/-2.196 χ^2/NDF : 259815.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

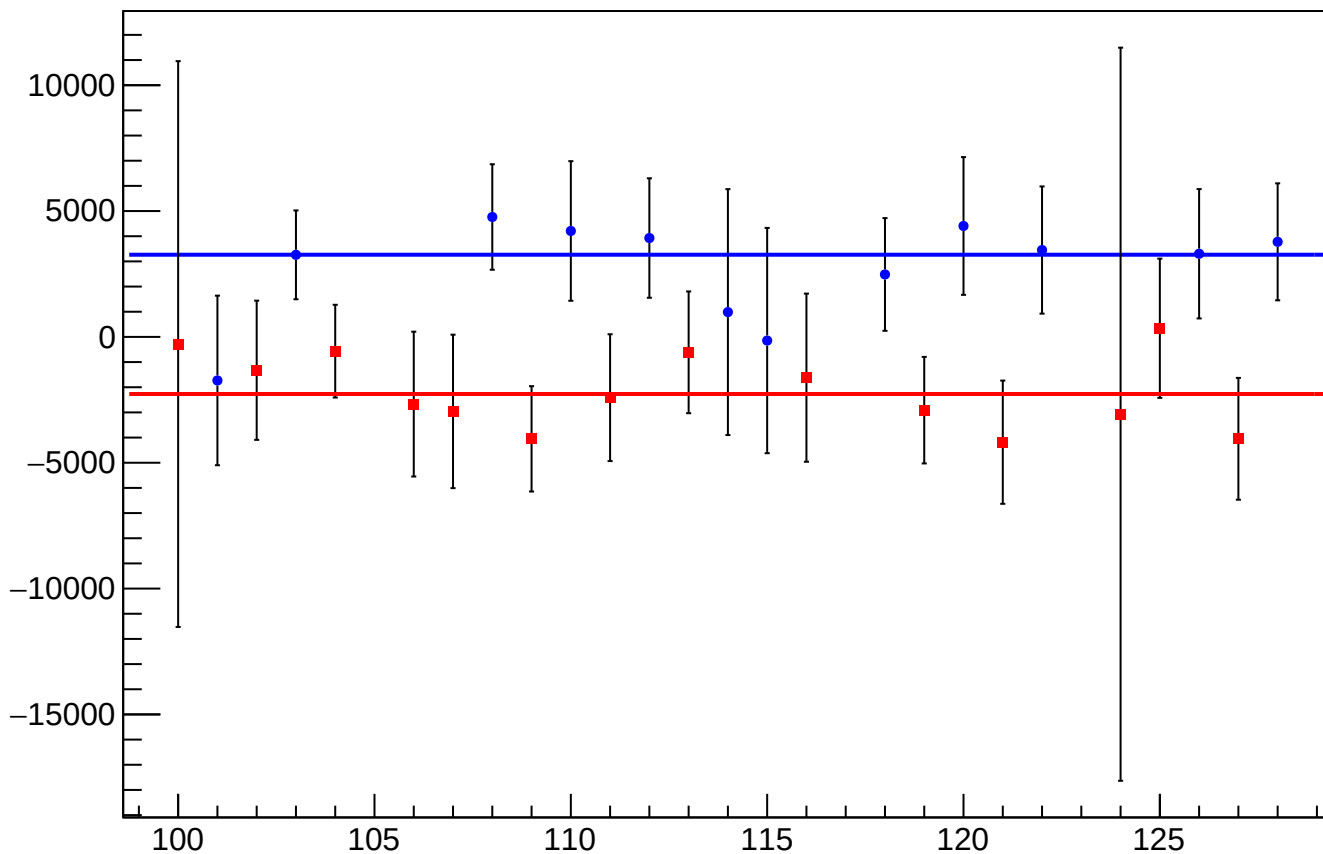
Right Out: 6382.006+/-1.989 χ^2/NDF : 450932.5/13

All: 6584.268+/-1.474 χ^2/NDF : 733695.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

eigen_cor_asym_at2_avg_mean vs Slug



Right In: 3265.203+/-732.756 χ^2/NDF : 4.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2269.048+/-706.333 χ^2/NDF : 4.4/13

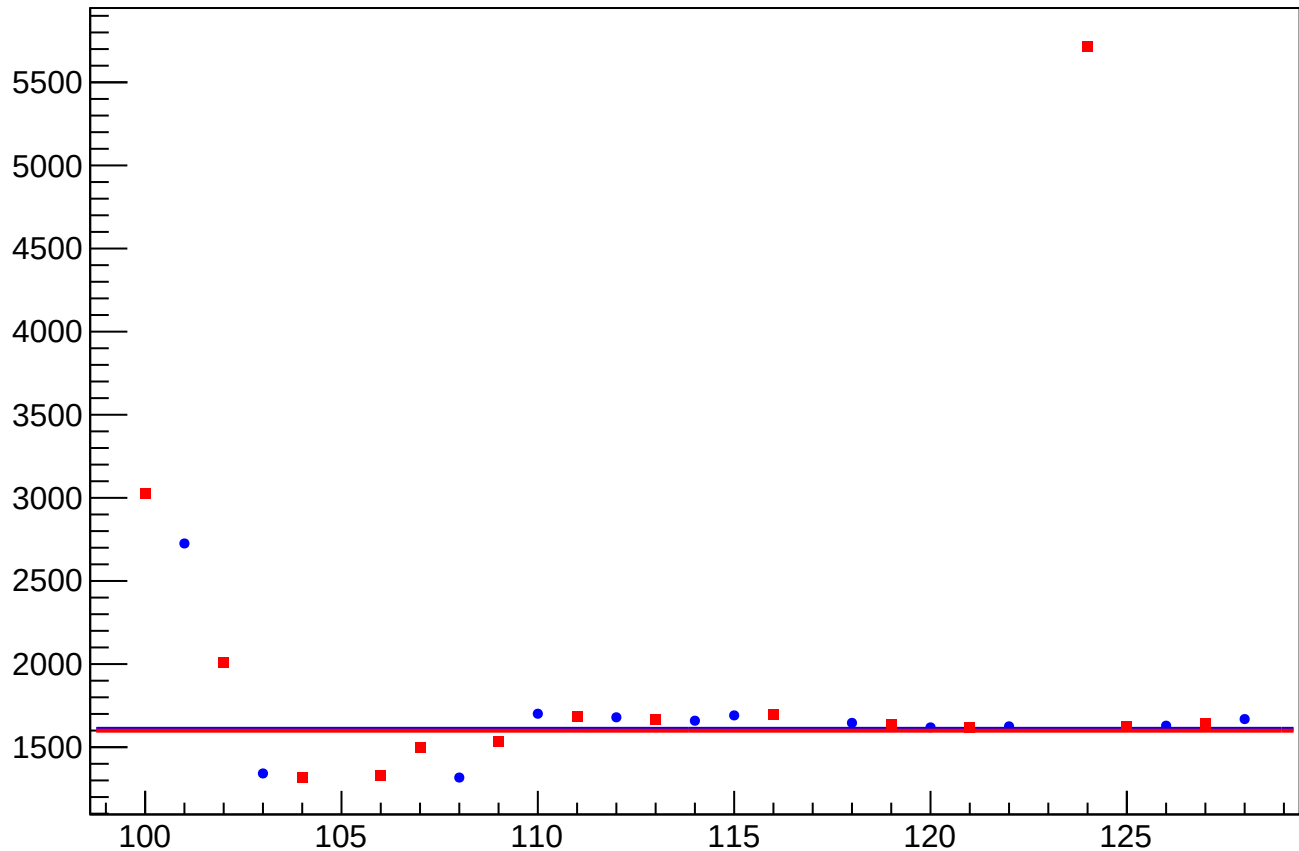
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 396.496+/-508.538 χ^2/NDF : 38.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at2_avg_rms vs Slug



Right In: 1610.341+/-0.518 χ^2/NDF : 311251.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

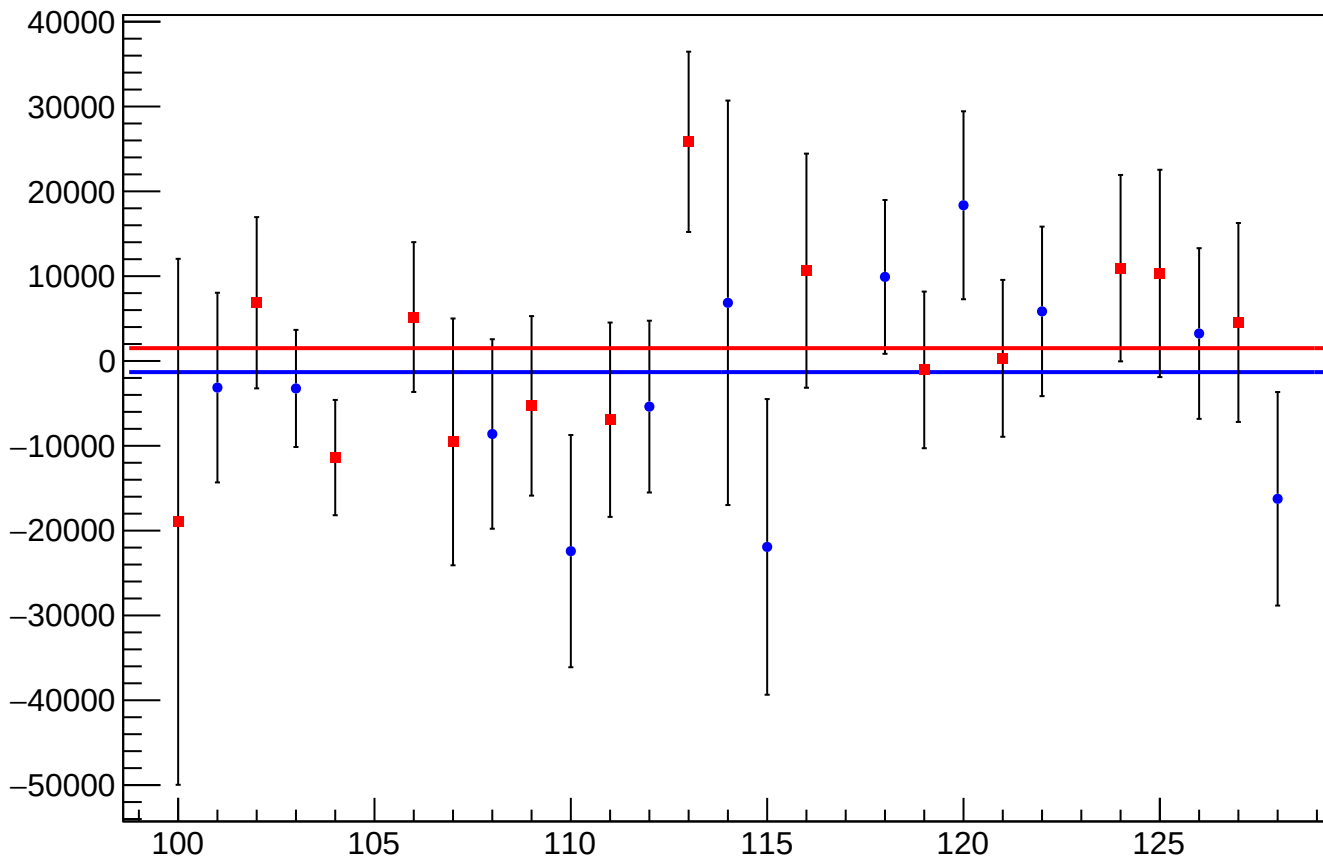
Right Out: 1599.315+/-0.499 χ^2/NDF : 310691.6/13

All: 1604.626+/-0.360 χ^2/NDF : 622177.4/25

- 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: -1312.690+/-3106.233 χ^2/NDF : 11.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1512.681+/-2813.038 χ^2/NDF : 13.1/13

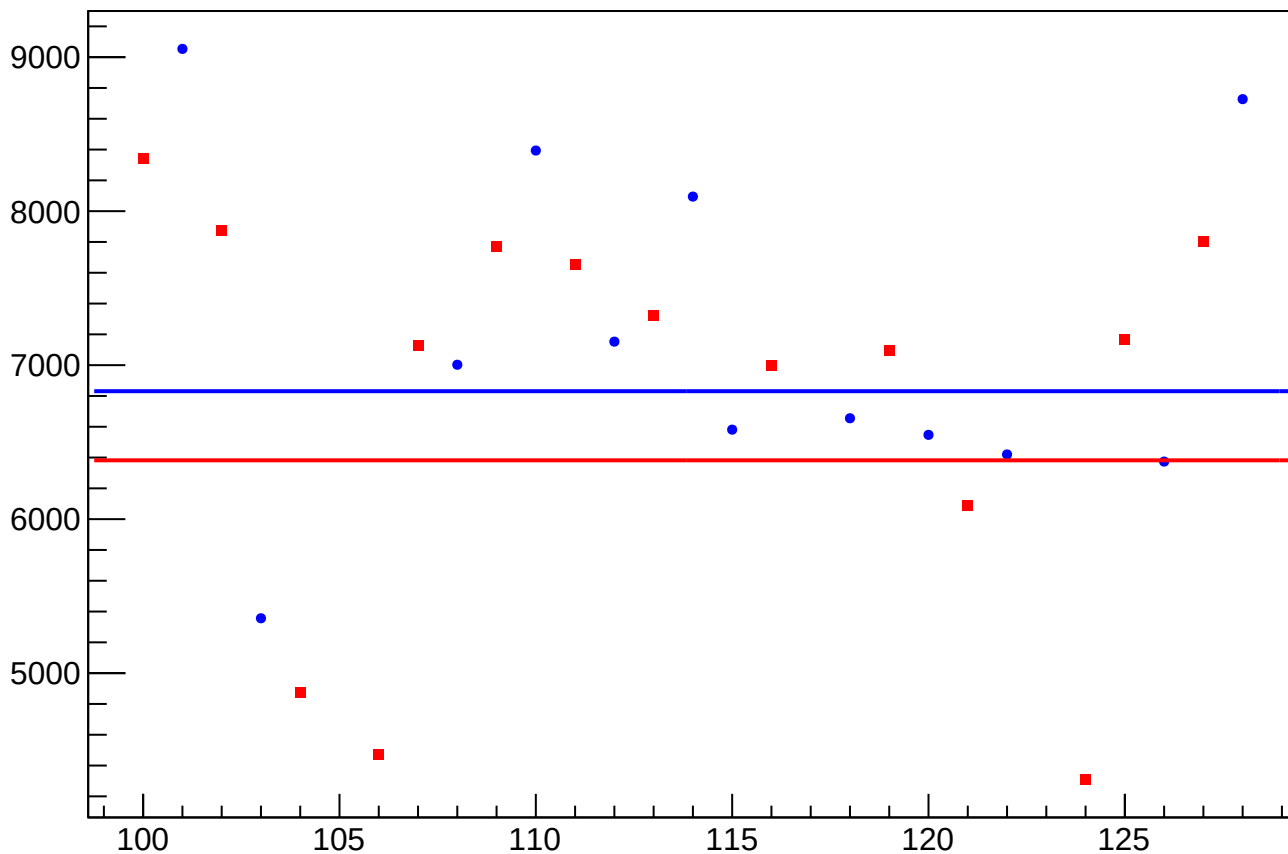
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 239.601+/-2085.088 χ^2/NDF : 25.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_cor_correction_rms vs Slug



Right In: 6830.890+/-2.196 χ^2/NDF : 259815.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

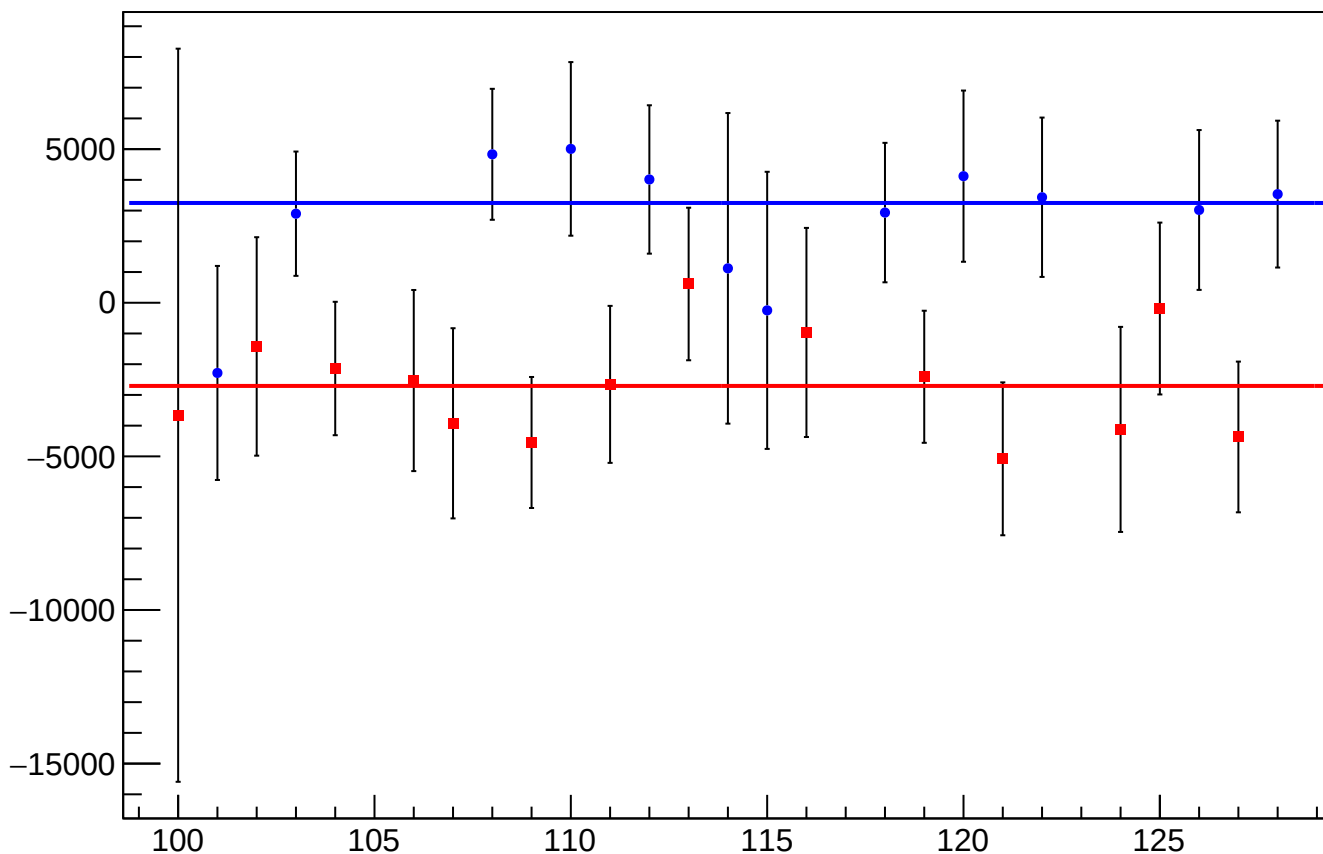
Right Out: 6382.006+/-1.989 χ^2/NDF : 450932.5/13

All: 6584.268+/-1.474 χ^2/NDF : 733695.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at2_avg_mean vs Slug



Right In: 3248.046 $\pm$ 761.082 χ^2 /NDF: 4.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2707.247 $\pm$ 725.248 χ^2 /NDF: 5.5/13

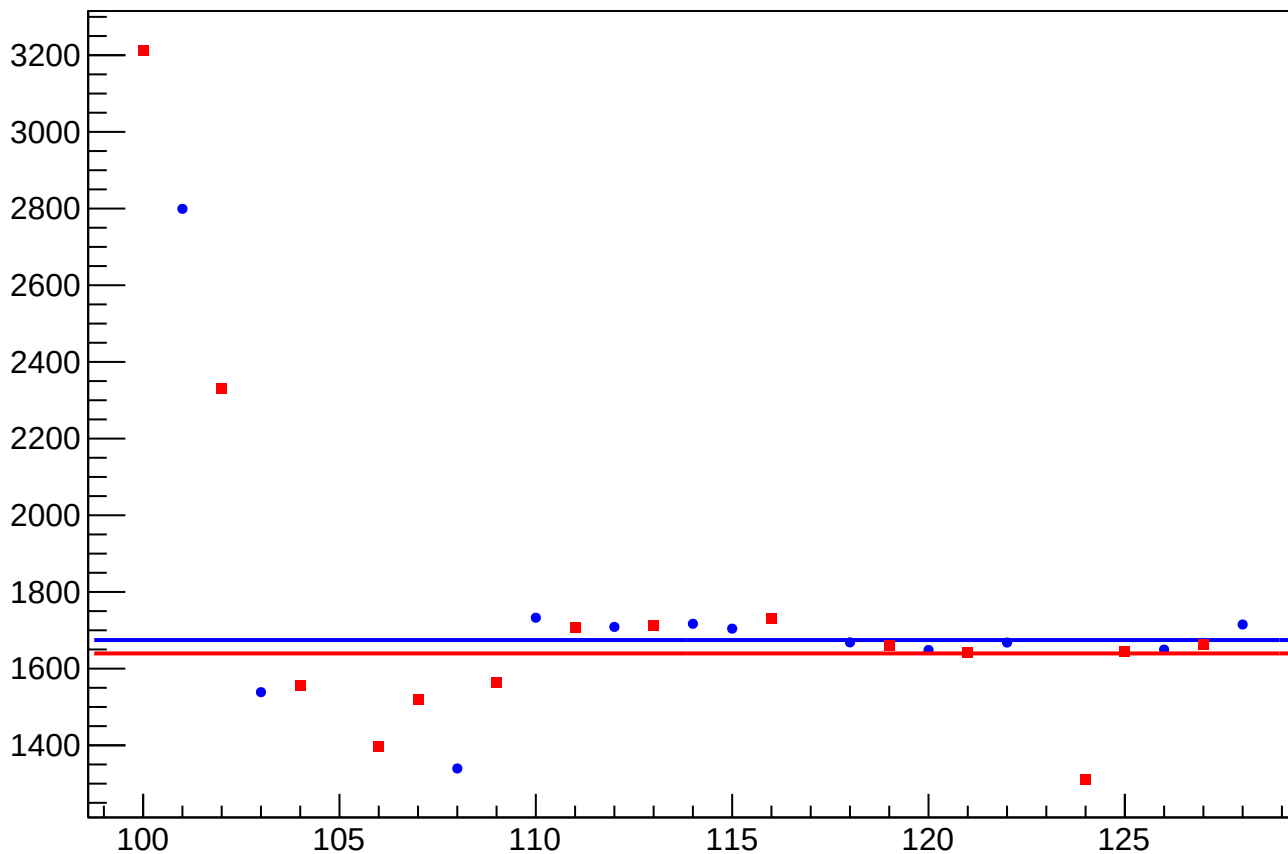
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 126.907 $\pm$ 525.039 χ^2 /NDF: 42.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at2_avg_rms vs Slug



Right In: 1674.544+/-0.538 χ^2/NDF : 269339.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1639.650+/-0.513 χ^2/NDF : 157056.5/13

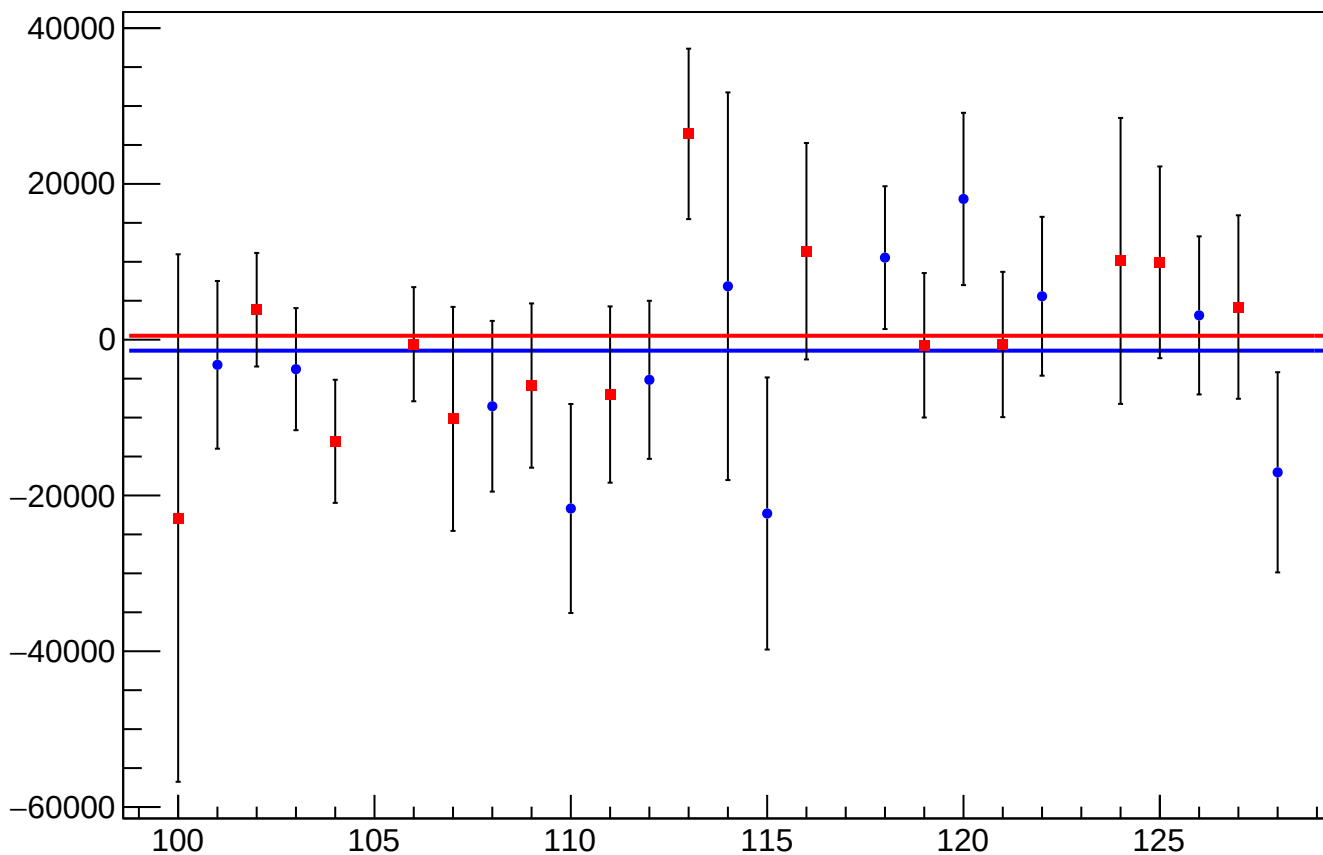
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1656.248+/-0.371 χ^2/NDF : 428600.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_dit_correction_mean vs Slug



Right In: -1407.820+/-3180.788 χ^2 /NDF: 11.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 505.641+/-2780.115 χ^2 /NDF: 12.2/13

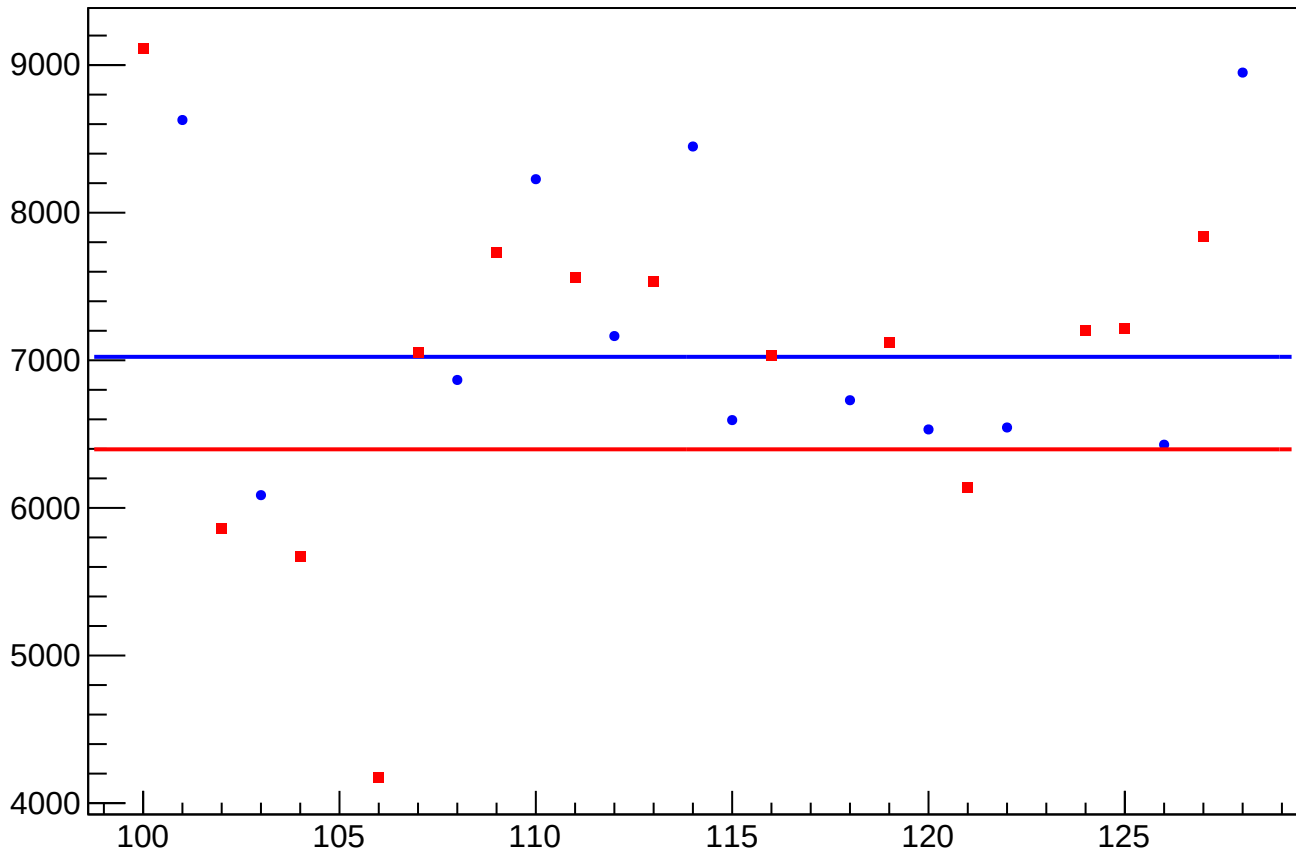
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -323.051+/-2093.252 χ^2 /NDF: 23.9/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_dit_correction_rms vs Slug



Right In: 7023.501+/-2.249 χ^2/NDF : 159851.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

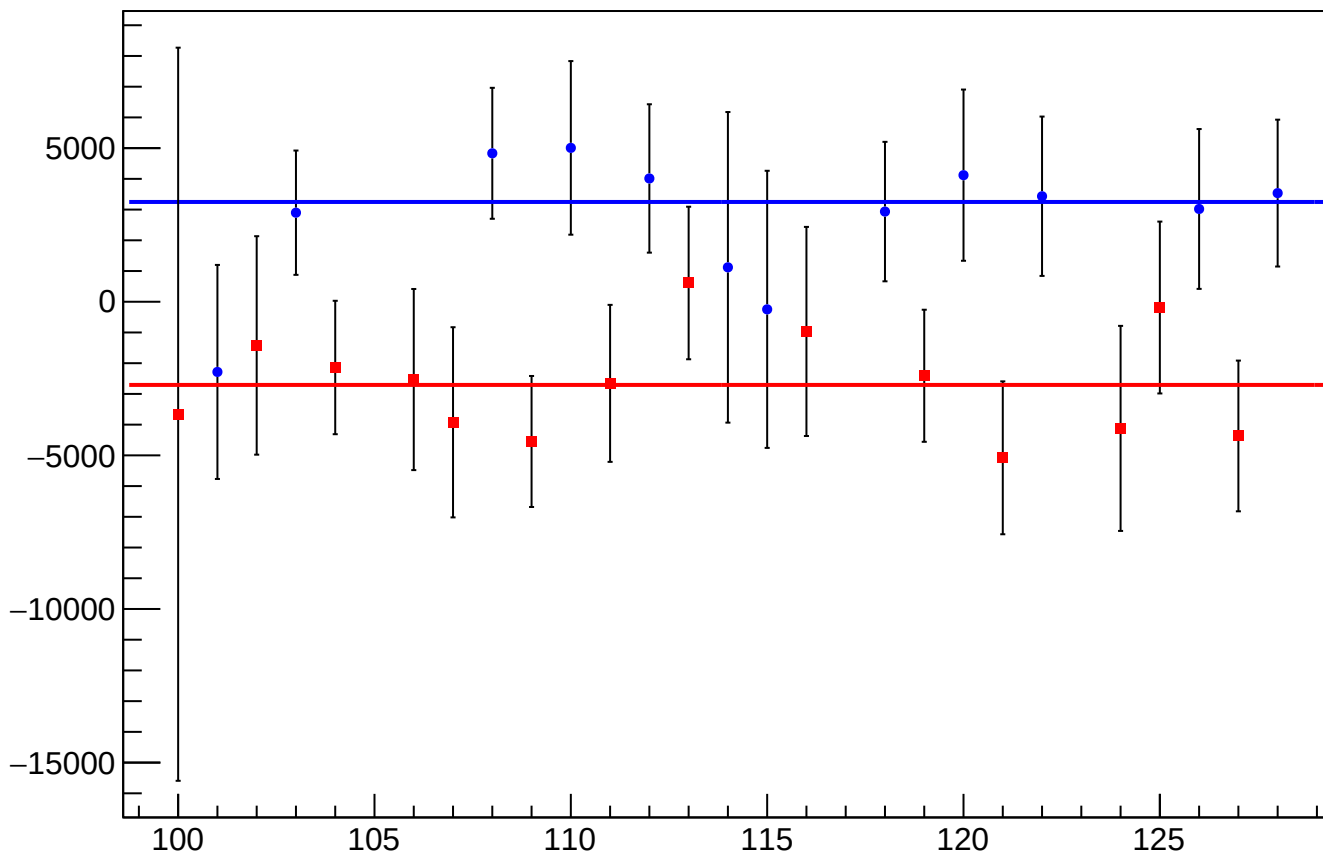
Right Out: 6396.881+/-1.966 χ^2/NDF : 363981.3/13

All: 6668.261+/-1.480 χ^2/NDF : 567836.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at2_avg_mean vs Slug



Right In: 3248.054+/-761.082 χ^2/NDF : 4.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2707.256+/-725.248 χ^2/NDF : 5.5/13

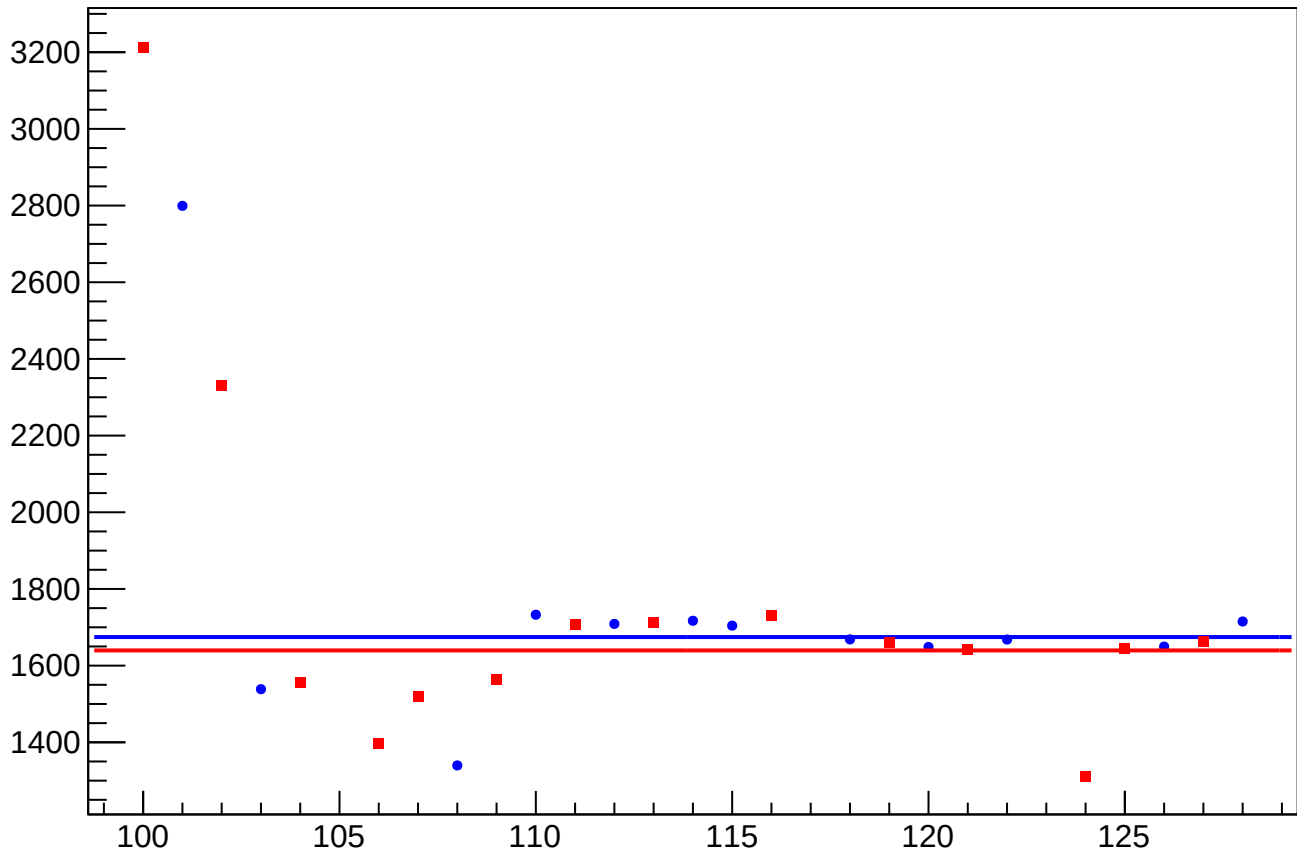
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.906+/-525.039 χ^2/NDF : 42.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at2_avg_rms vs Slug



Right In: 1674.544+/-0.538 χ^2/NDF : 269339.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1639.649+/-0.513 χ^2/NDF : 157056.5/13

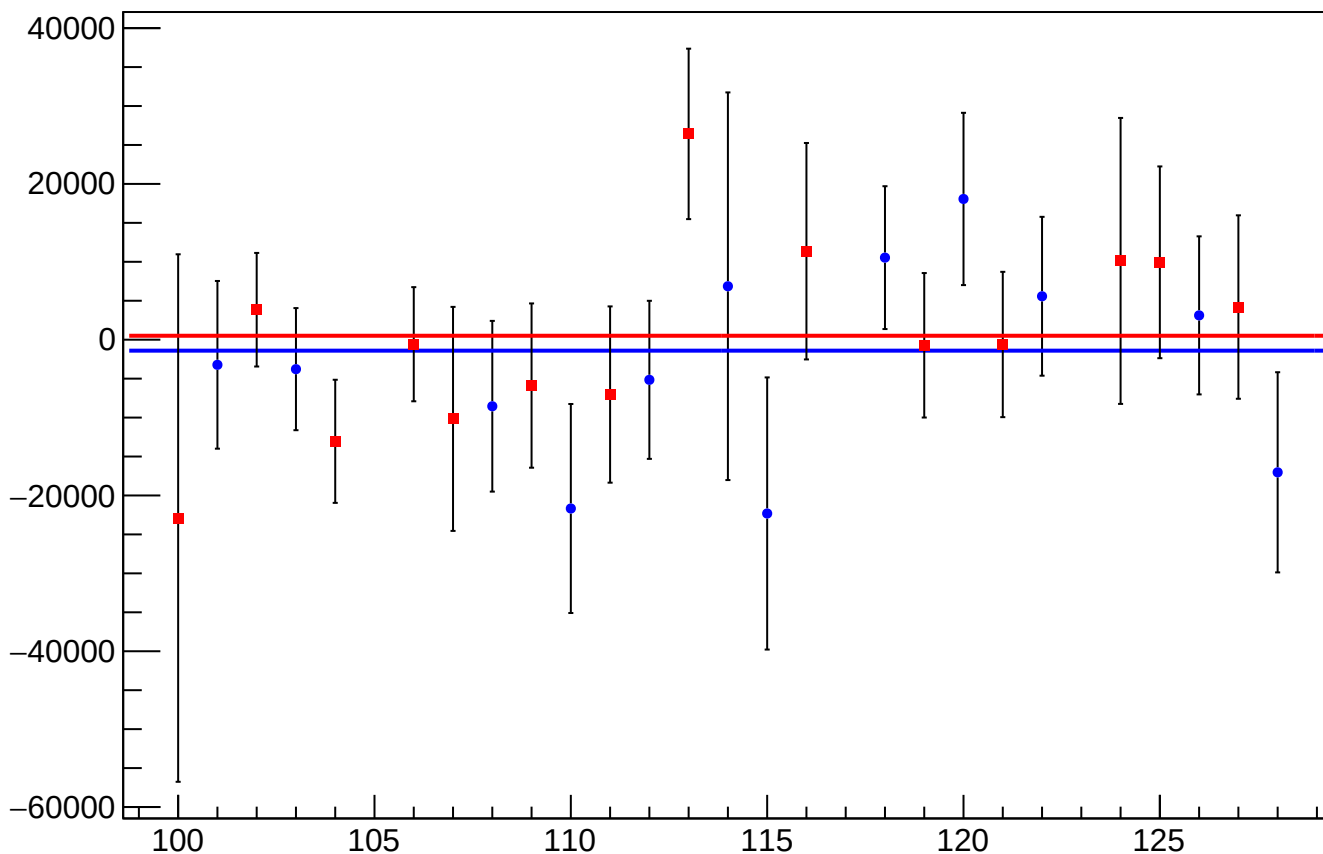
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1656.247+/-0.371 χ^2/NDF : 428600.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_correction_mean vs Slug



Right In: -1407.805 $\pm$ 3180.778 χ^2 /NDF: 11.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 505.632 $\pm$ 2780.108 χ^2 /NDF: 12.2/13

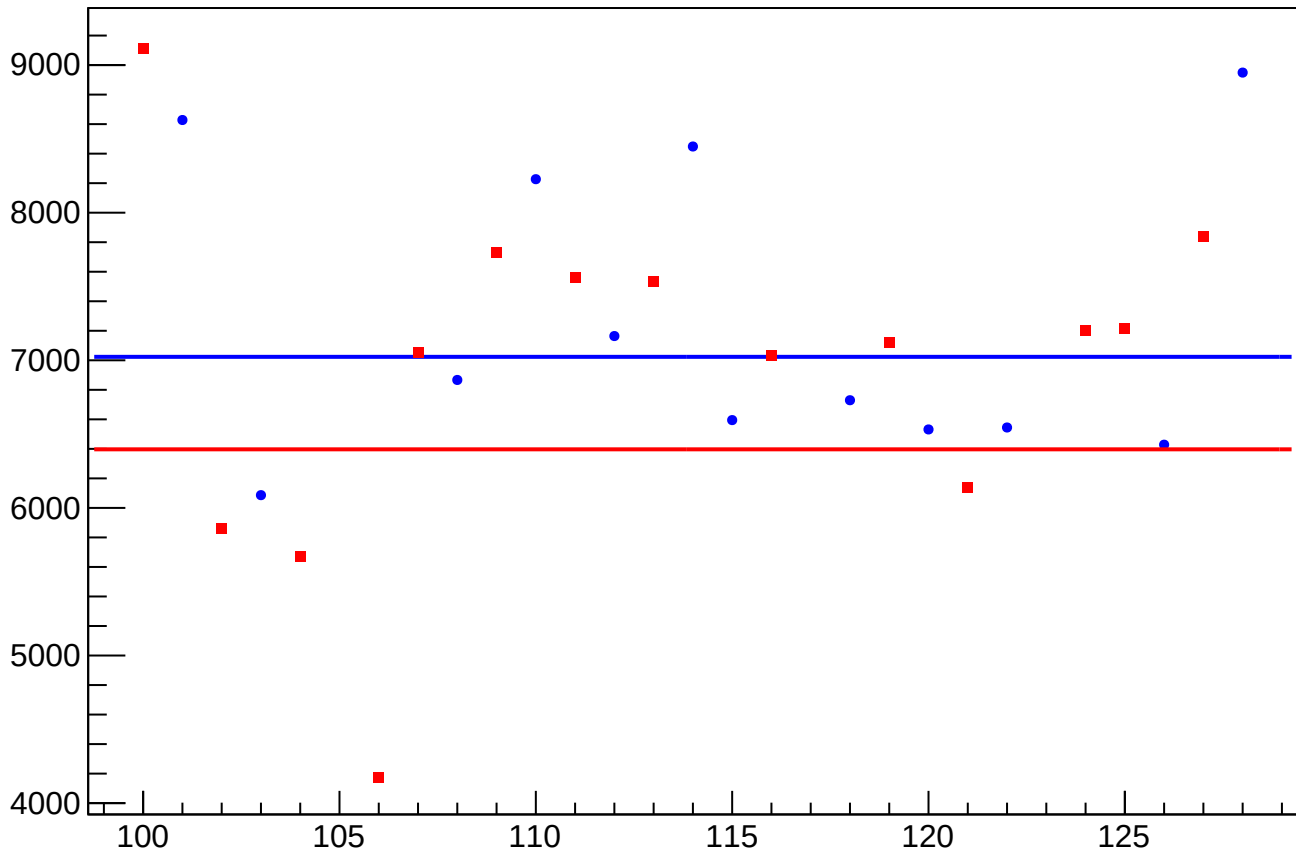
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -323.050 $\pm$ 2093.246 χ^2 /NDF: 23.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_eigen_dit_correction_rms vs Slug



Right In: 7023.481+/-2.249 χ^2/NDF : 159851.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

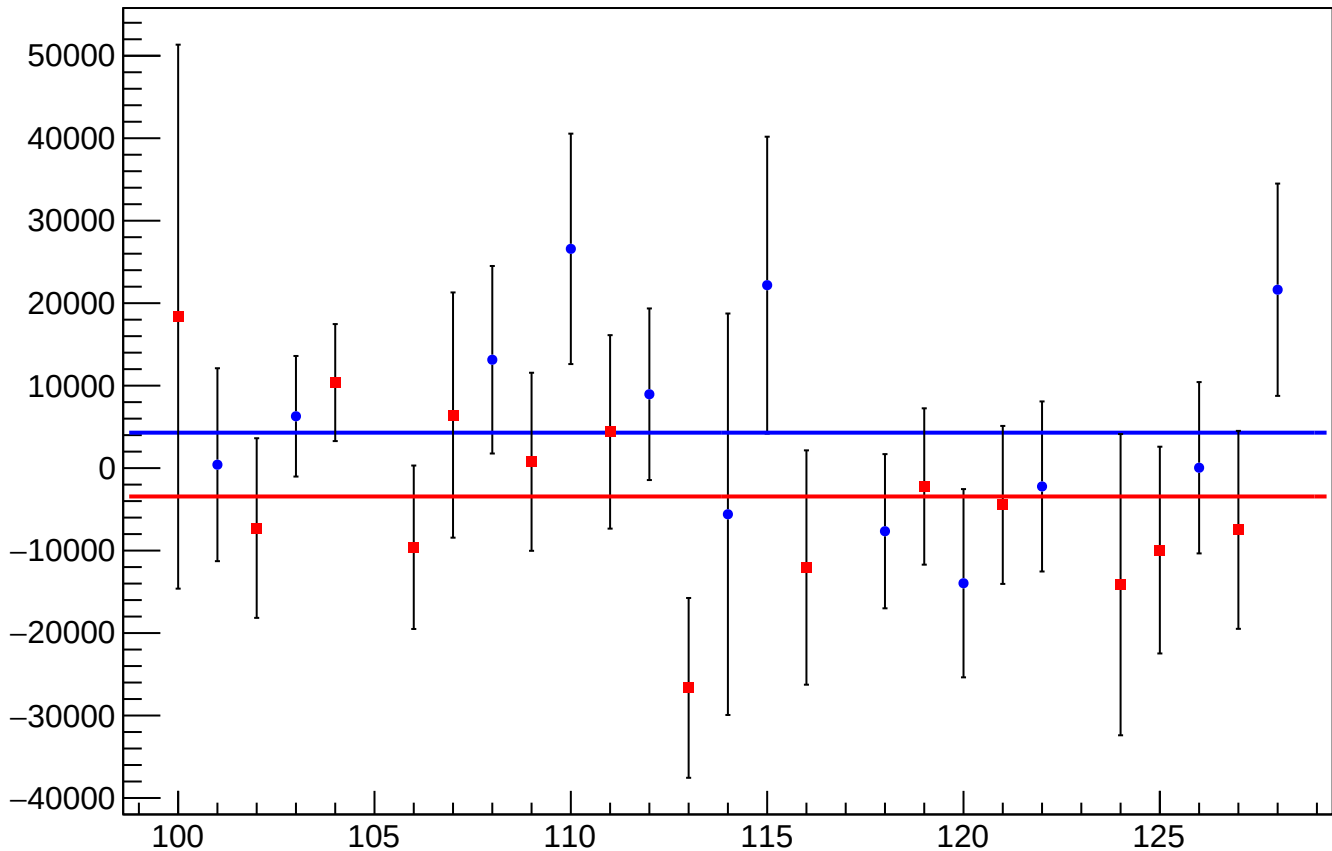
Right Out: 6396.866+/-1.966 χ^2/NDF : 363979.4/13

All: 6668.244+/-1.480 χ^2/NDF : 567833.6/25

- 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: 4298.061+/-3215.419 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3439.131+/-2995.046 χ^2/NDF : 11.4/13

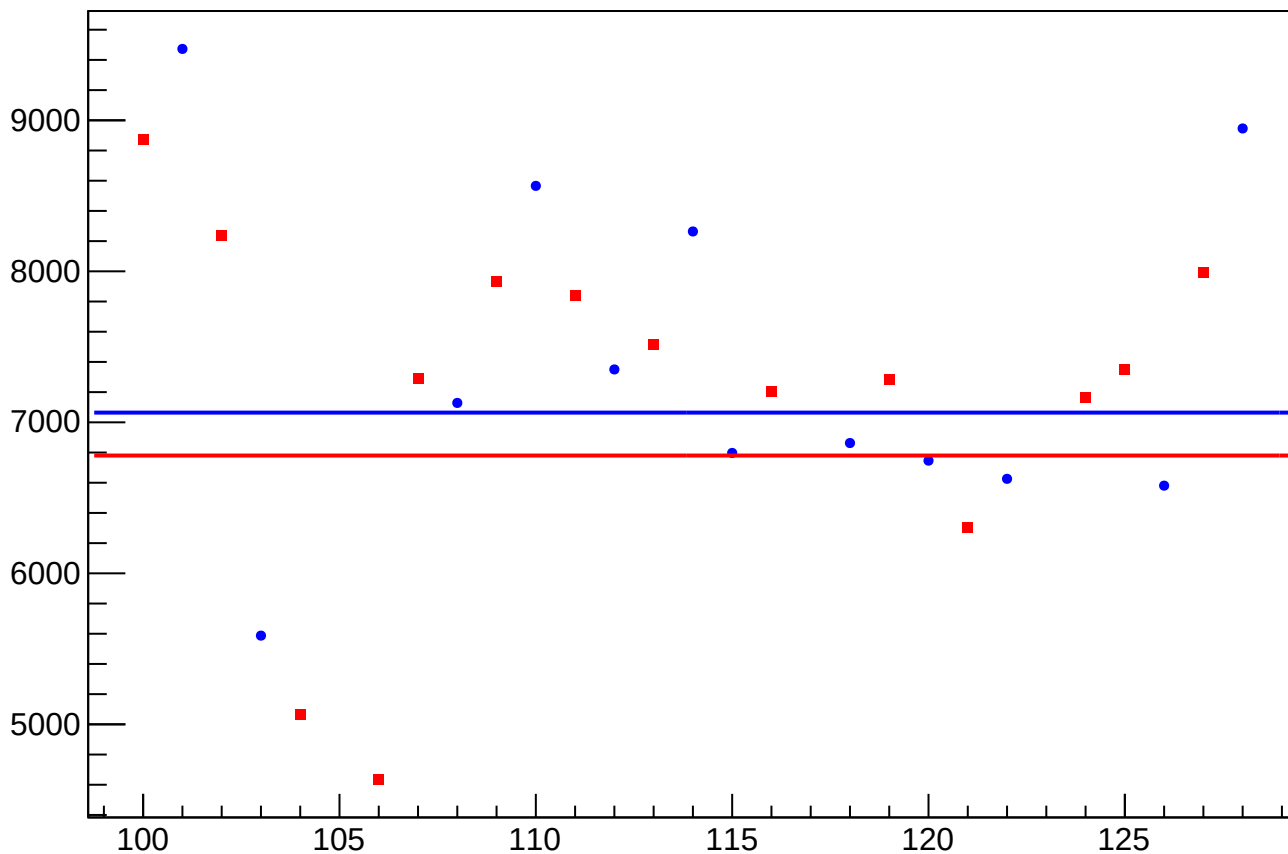
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.263+/-2191.587 χ^2/NDF : 25.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_rms vs Slug



Right In: 7064.431+/-2.274 χ^2/NDF : 249578.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

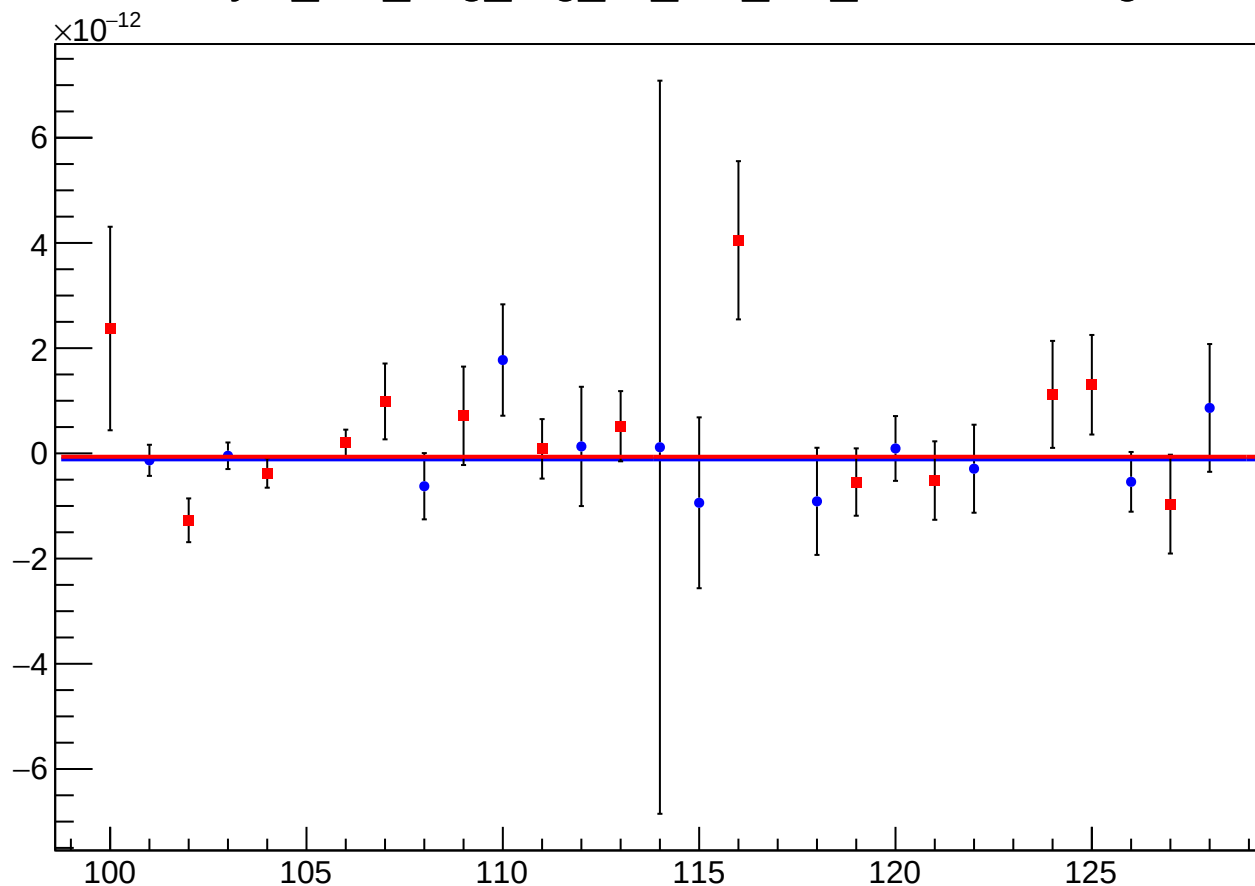
Right Out: 6780.158+/-2.118 χ^2/NDF : 343350.5/13

All: 6912.209+/-1.550 χ^2/NDF : 601300.3/25

- 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_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 6.2/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 28.8/13

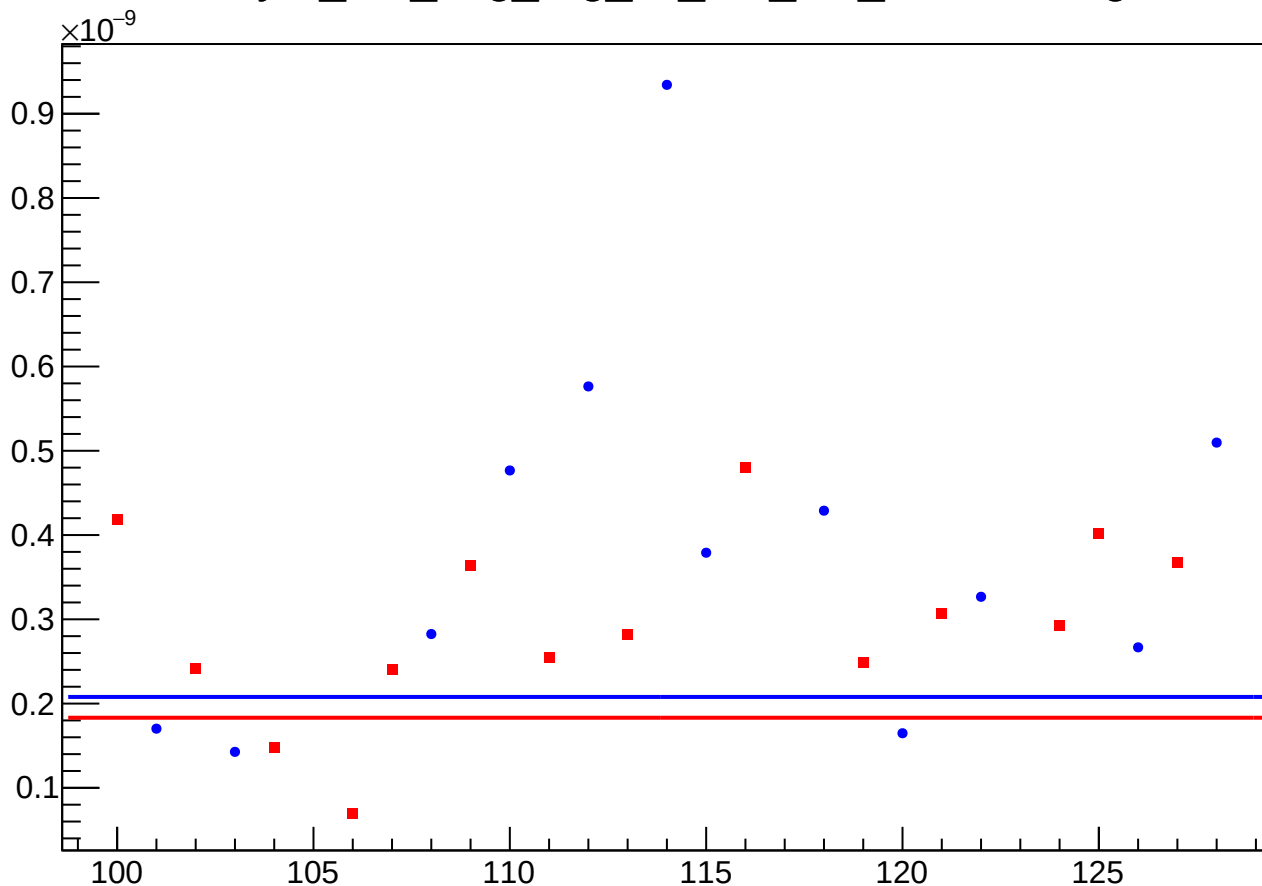
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 35.0/25

- 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 : 867090.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1029249.7/13

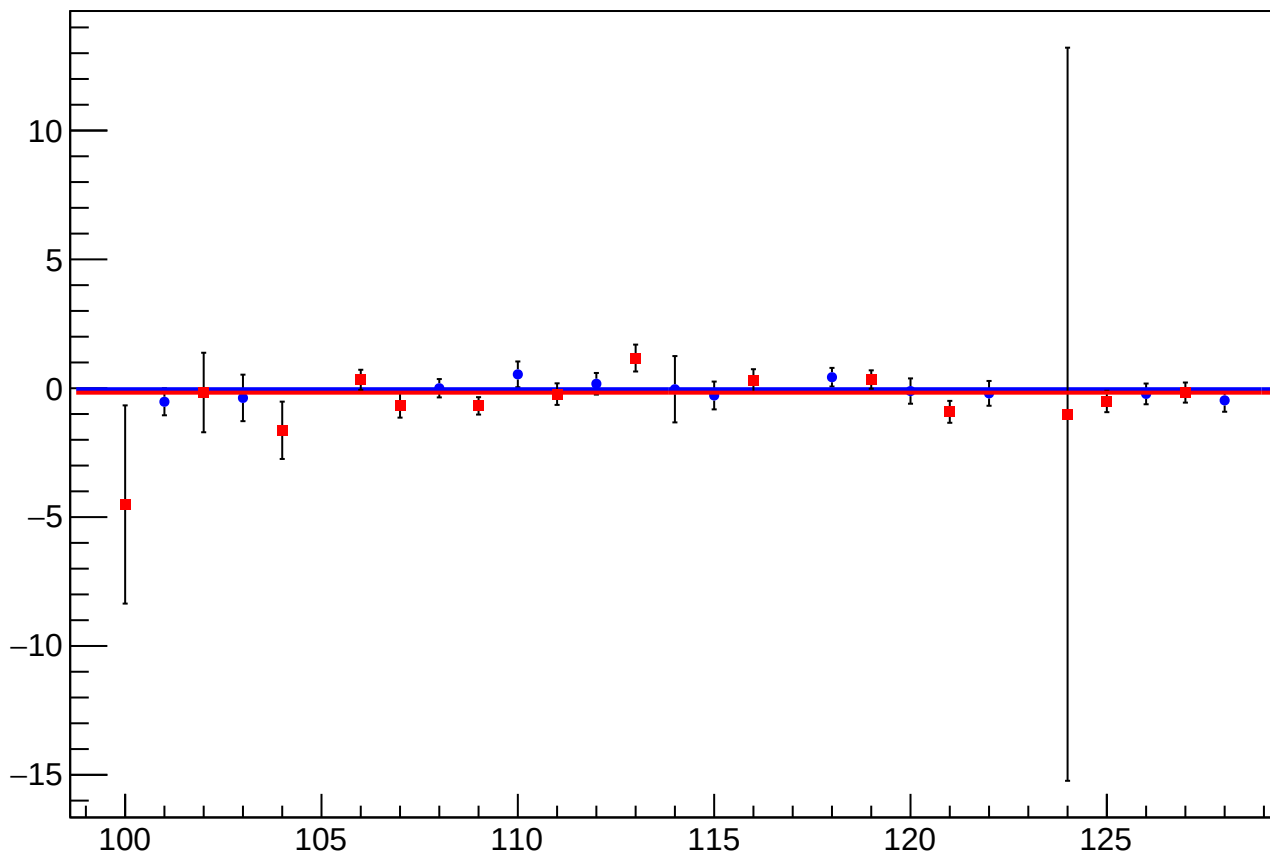
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1923788.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.037 ± 0.136 χ^2/NDF : 5.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.172 ± 0.128 χ^2/NDF : 21.5/13

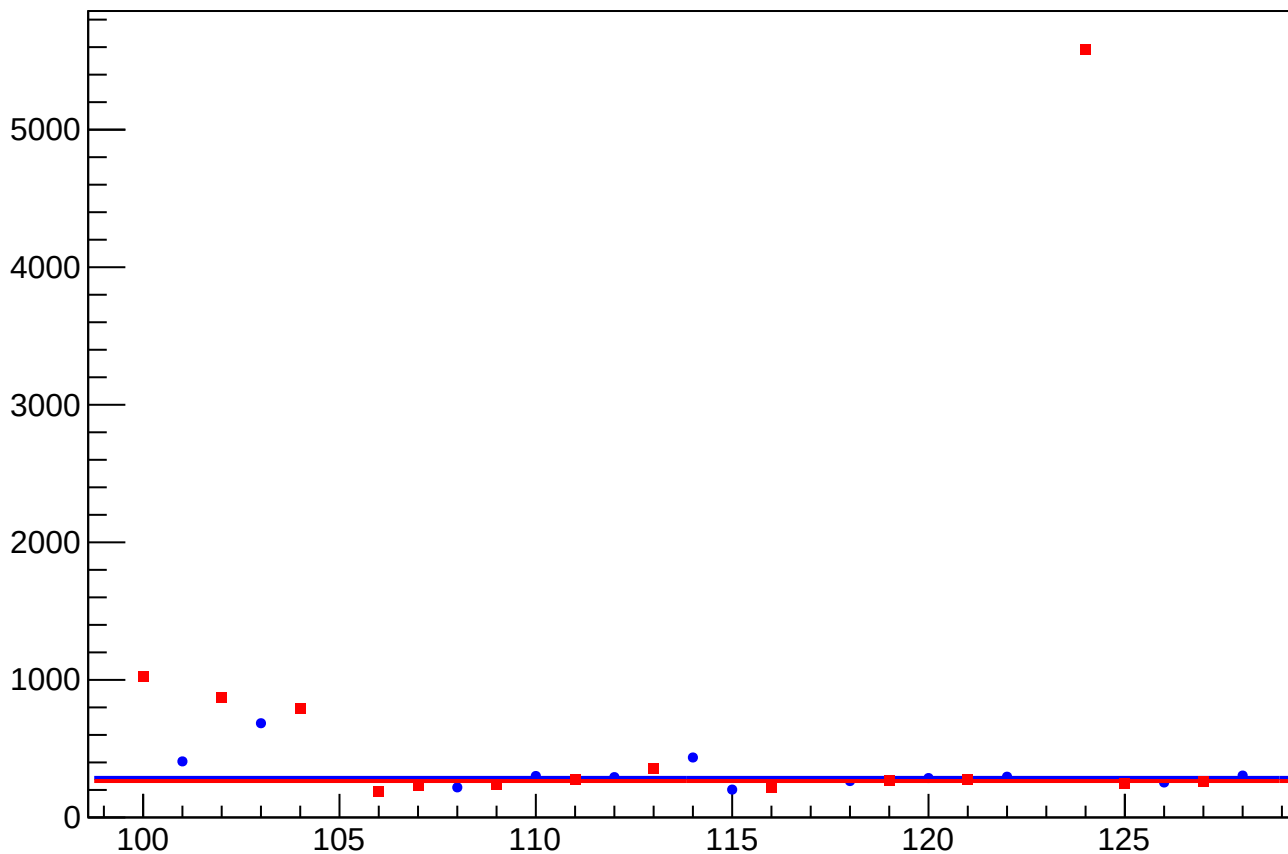
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.109 ± 0.093 χ^2/NDF : 27.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 287.636+/-0.096 χ^2/NDF : 671503.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 264.868+/-0.090 χ^2/NDF : 1312022.8/13

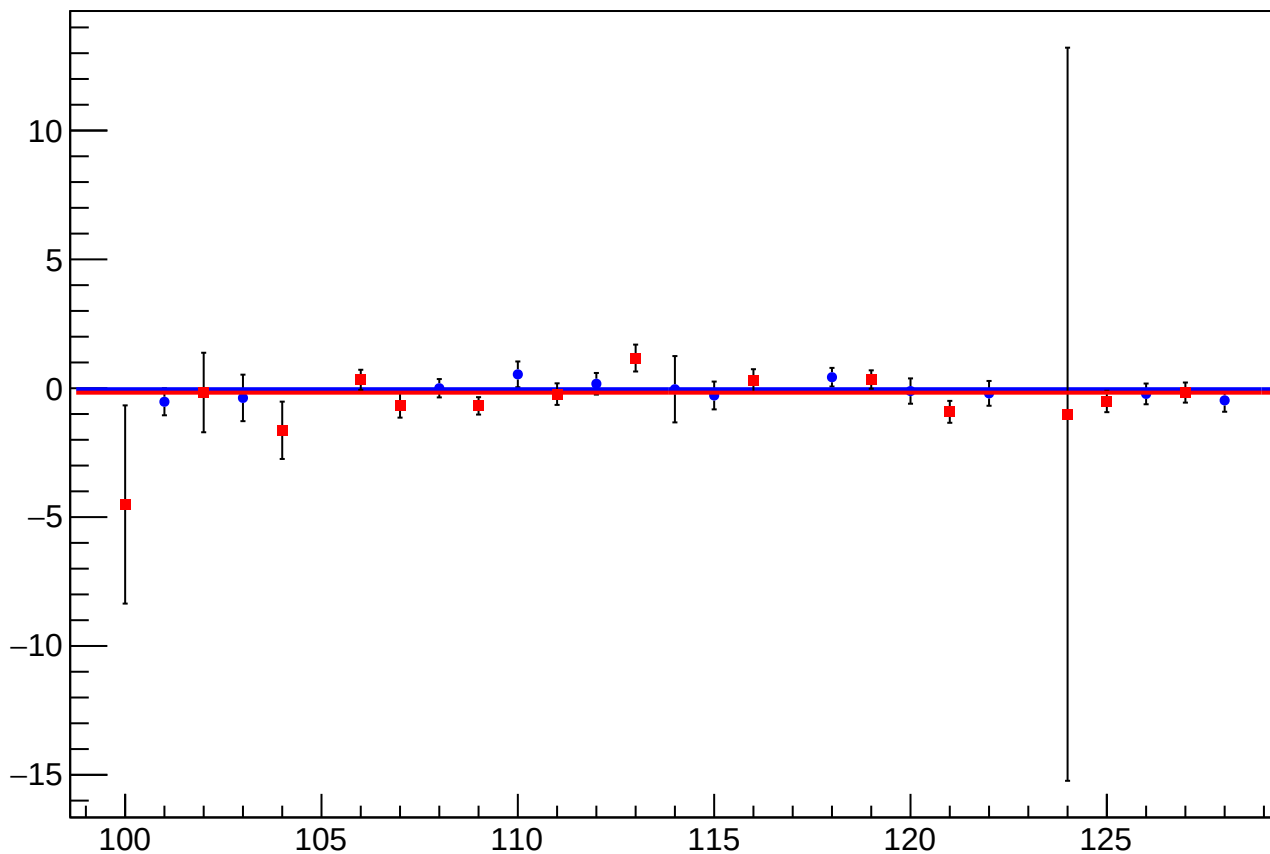
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 275.545+/-0.066 χ^2/NDF : 2013223.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.037 ± 0.136 χ^2/NDF : 5.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.172 ± 0.128 χ^2/NDF : 21.5/13

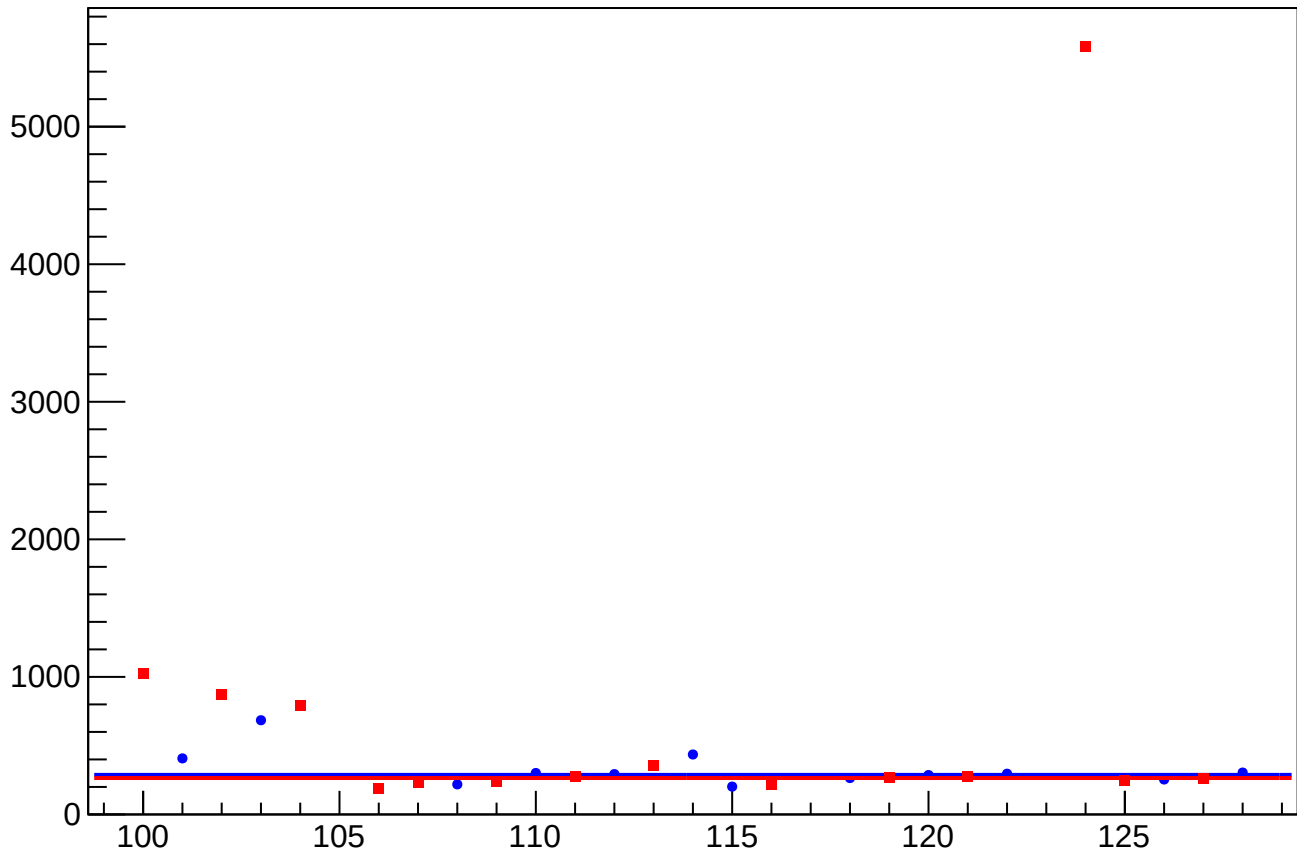
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.109 ± 0.093 χ^2/NDF : 27.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at2_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 287.636+/-0.096 χ^2/NDF : 671503.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 264.868+/-0.090 χ^2/NDF : 1312022.8/13

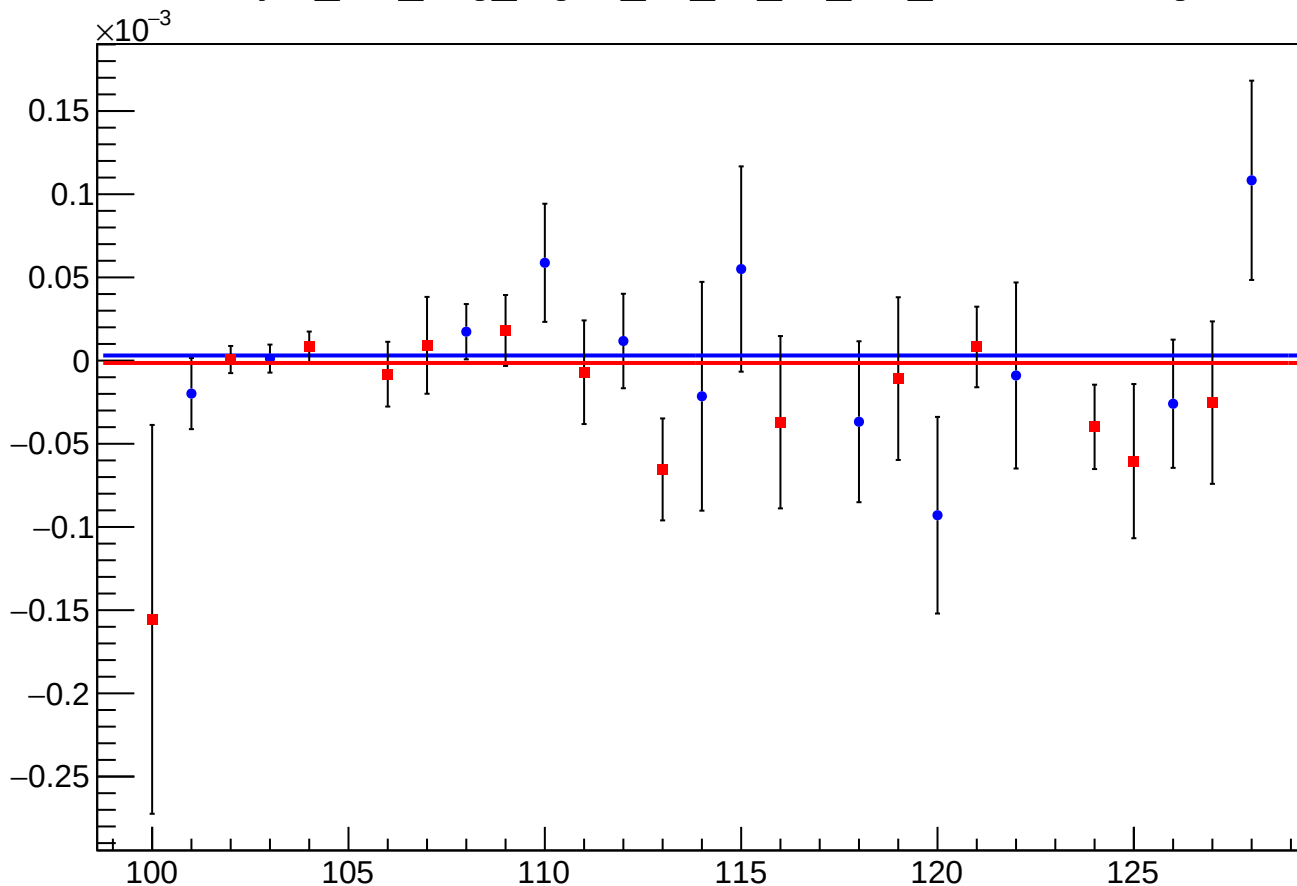
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 275.545+/-0.066 χ^2/NDF : 2013223.8/25

- 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: 12.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.2/13

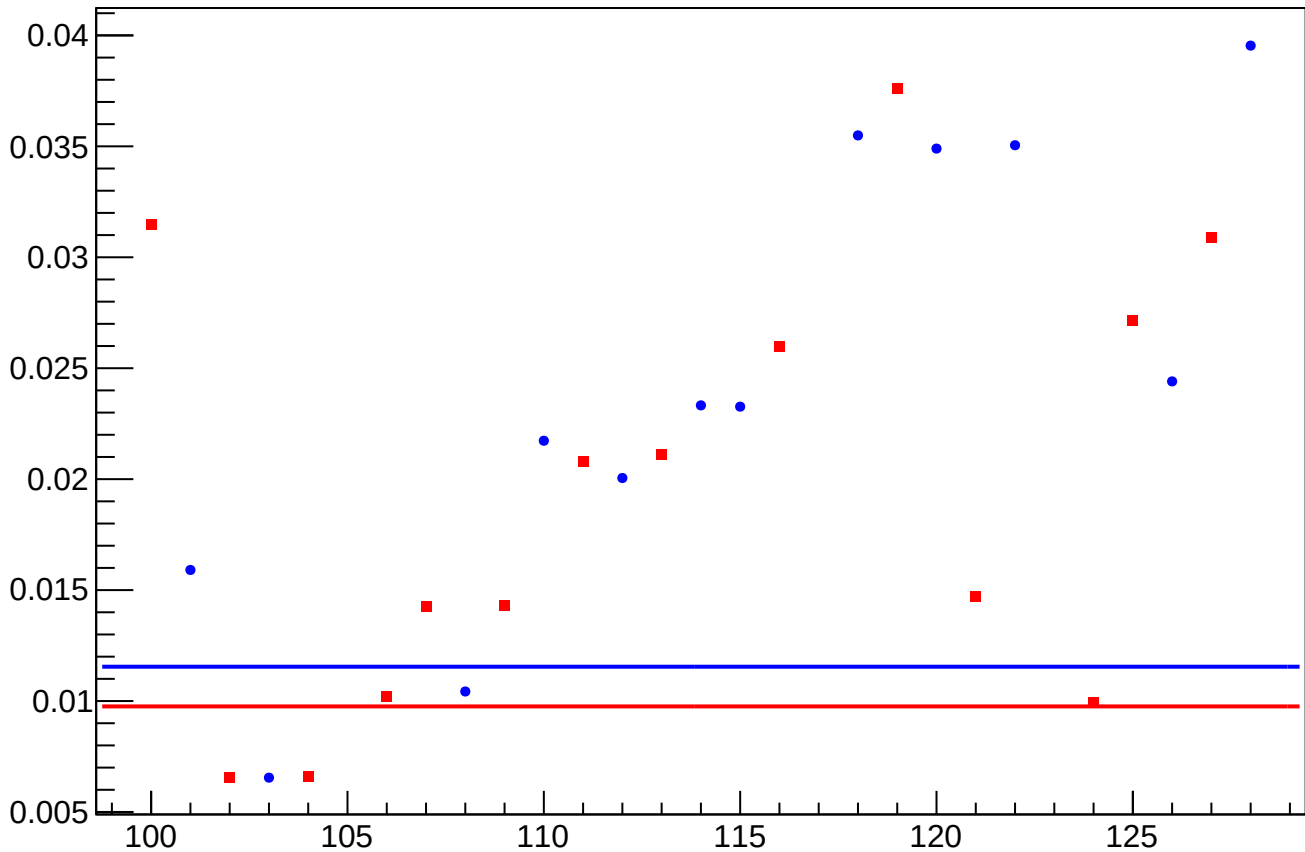
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 25.9/25

- 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 : 3088718.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 2857429.4/13

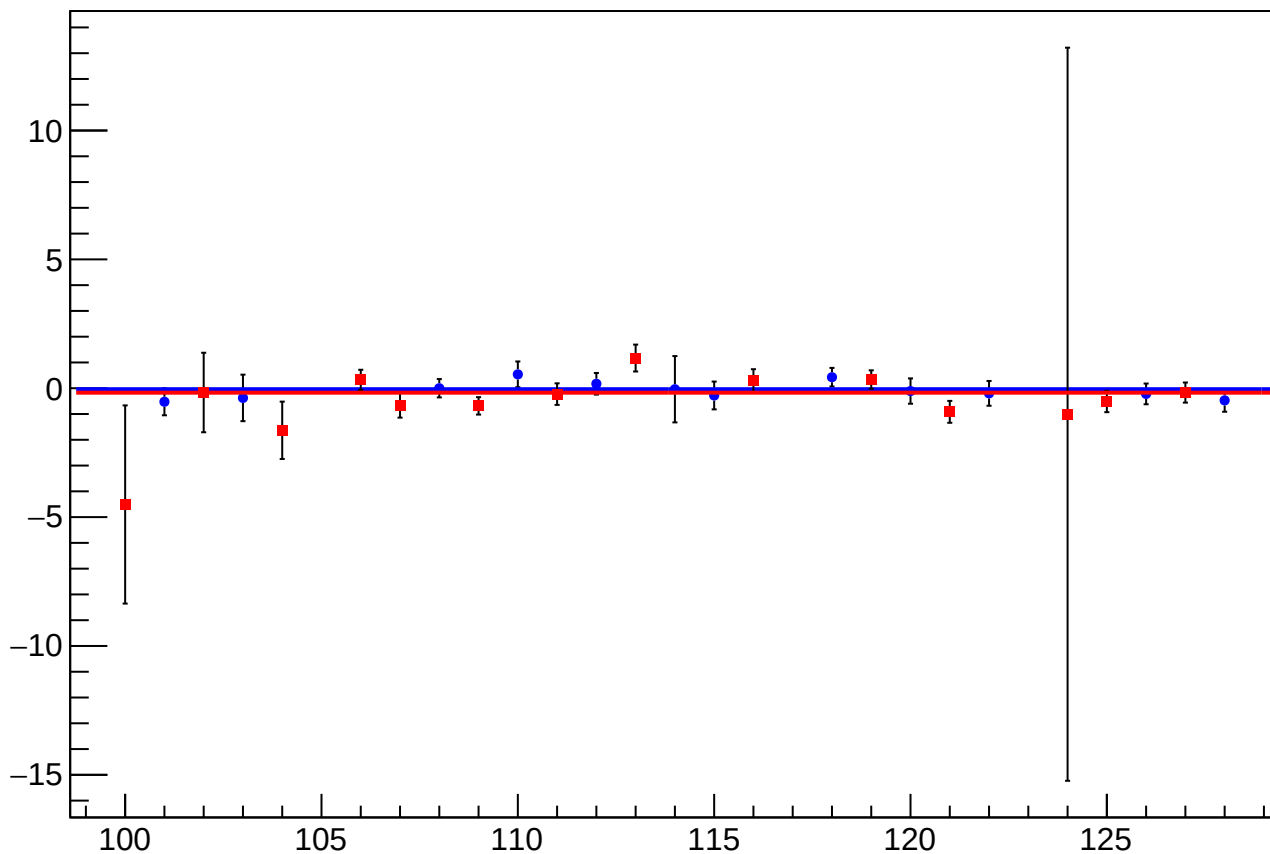
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 6043206.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.037 ± 0.136 χ^2/NDF : 5.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.172 ± 0.128 χ^2/NDF : 21.5/13

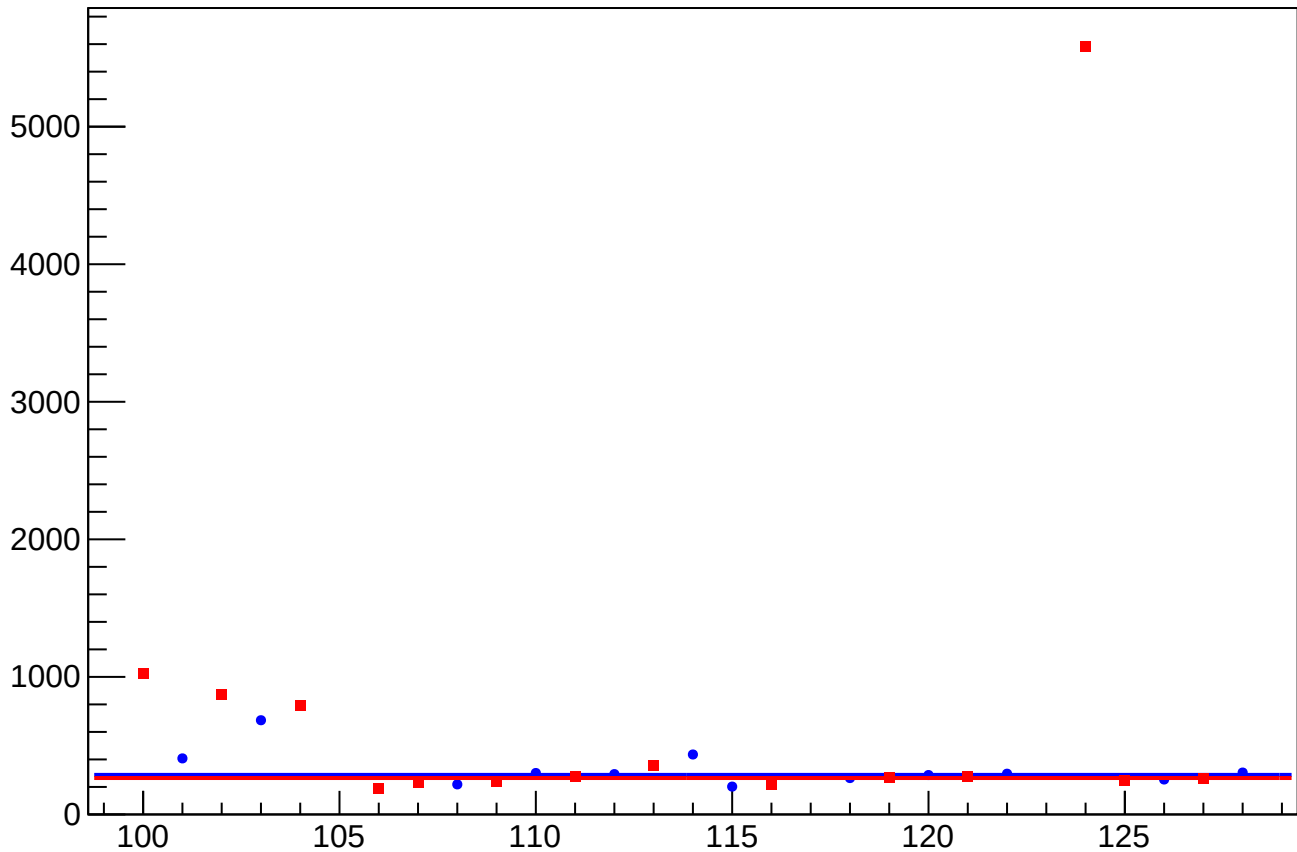
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.109 ± 0.093 χ^2/NDF : 27.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 287.636+/-0.096 χ^2/NDF : 671486.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 264.869+/-0.090 χ^2/NDF : 1312012.7/13

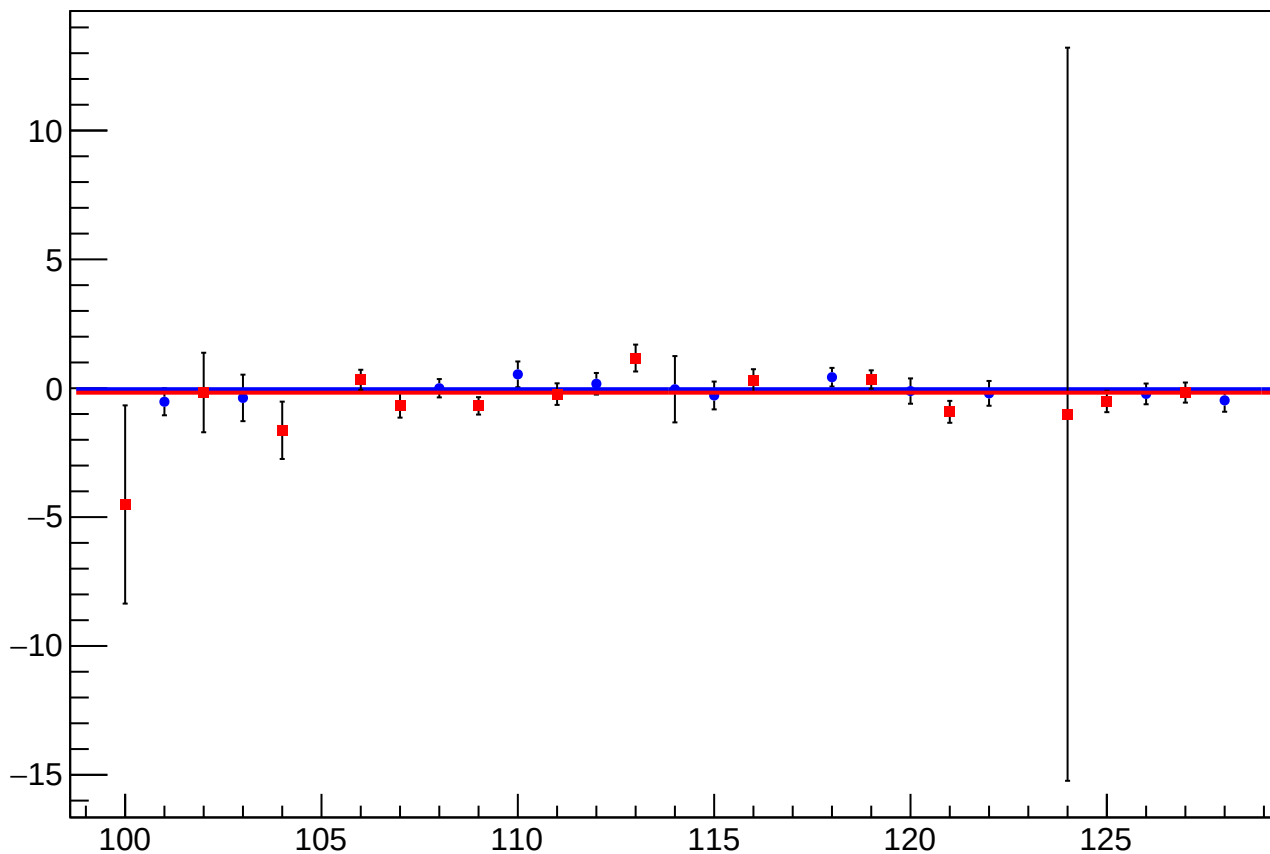
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 275.546+/-0.066 χ^2/NDF : 2013194.8/25

- 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: -0.037 ± 0.136 χ^2/NDF : 5.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.172 ± 0.128 χ^2/NDF : 21.5/13

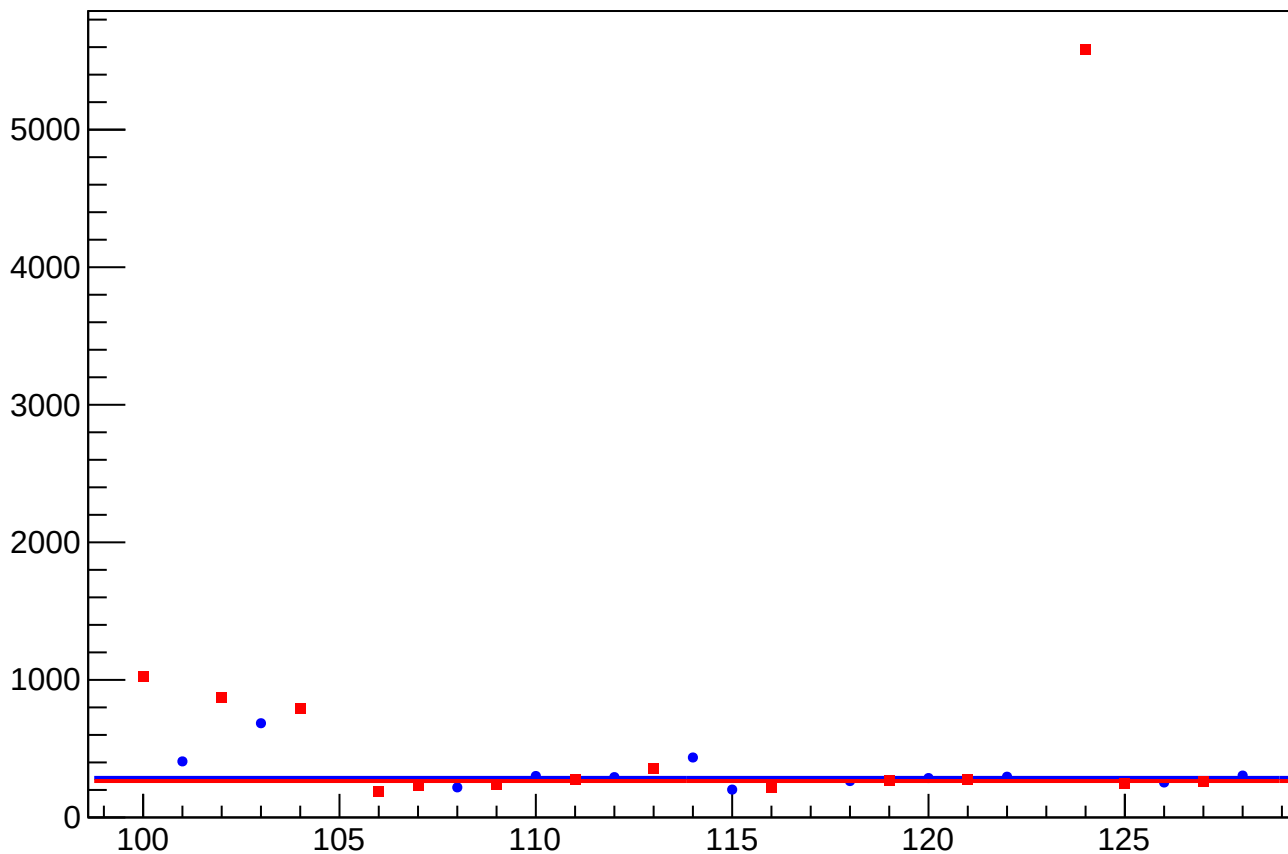
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.109 ± 0.093 χ^2/NDF : 27.7/25

- 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: 287.636+/-0.096 χ^2/NDF : 671486.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 264.869+/-0.090 χ^2/NDF : 1312012.7/13

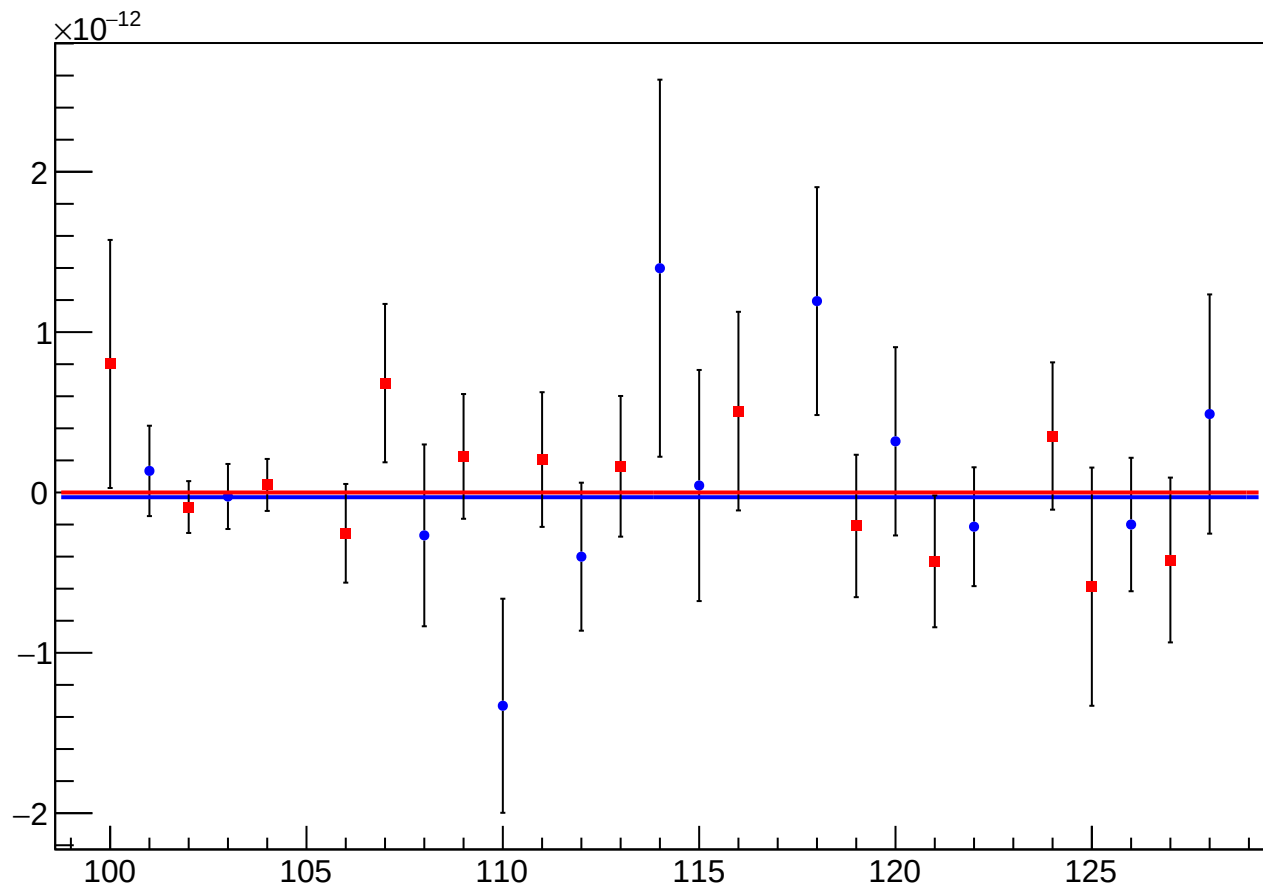
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 275.546+/-0.066 χ^2/NDF : 2013194.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 10.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.6/13

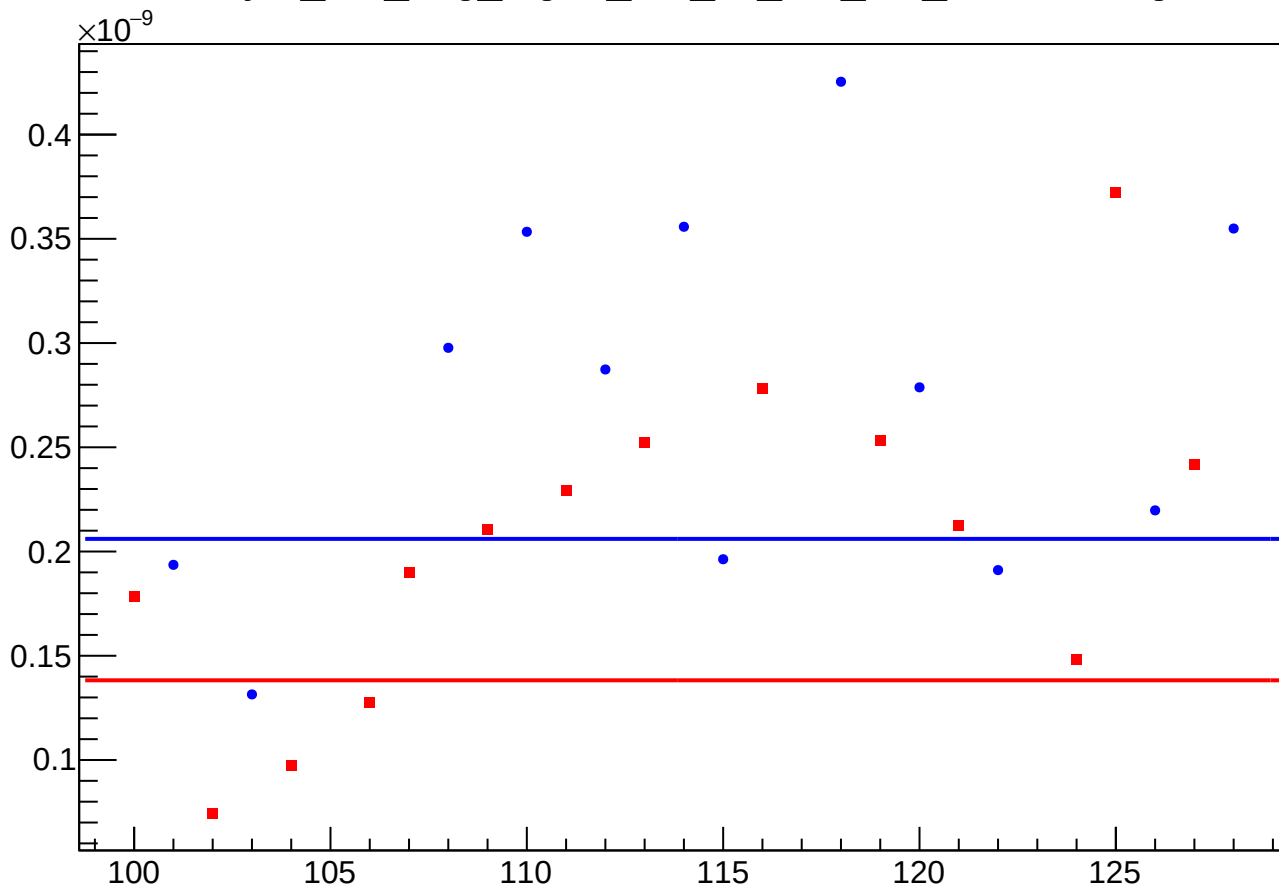
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.3/25

- 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 : 825088.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1348219.7/13

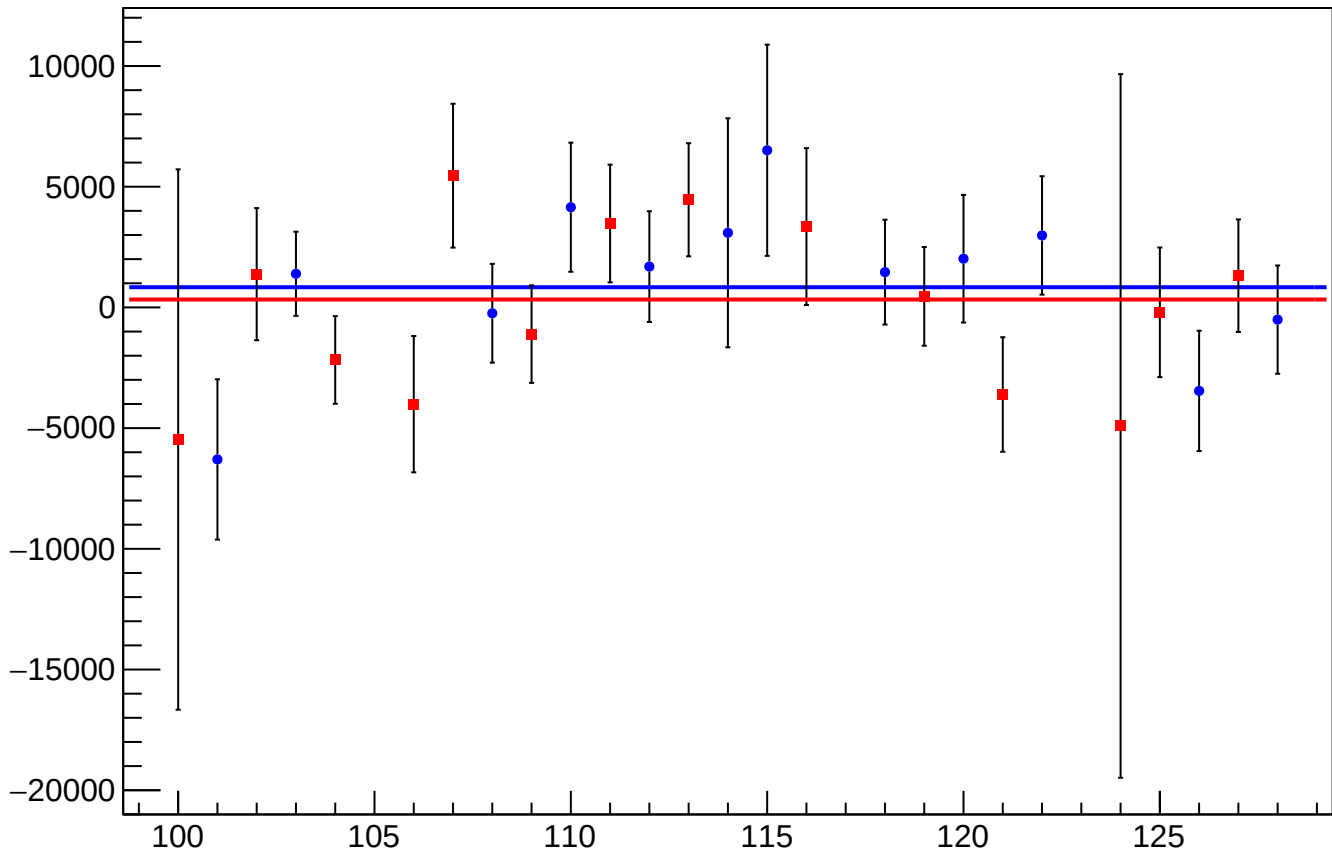
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2593858.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_mean vs Slug



Right In: 836.831+/-713.034 χ^2/NDF : 13.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 327.354+/-687.139 χ^2/NDF : 16.9/13

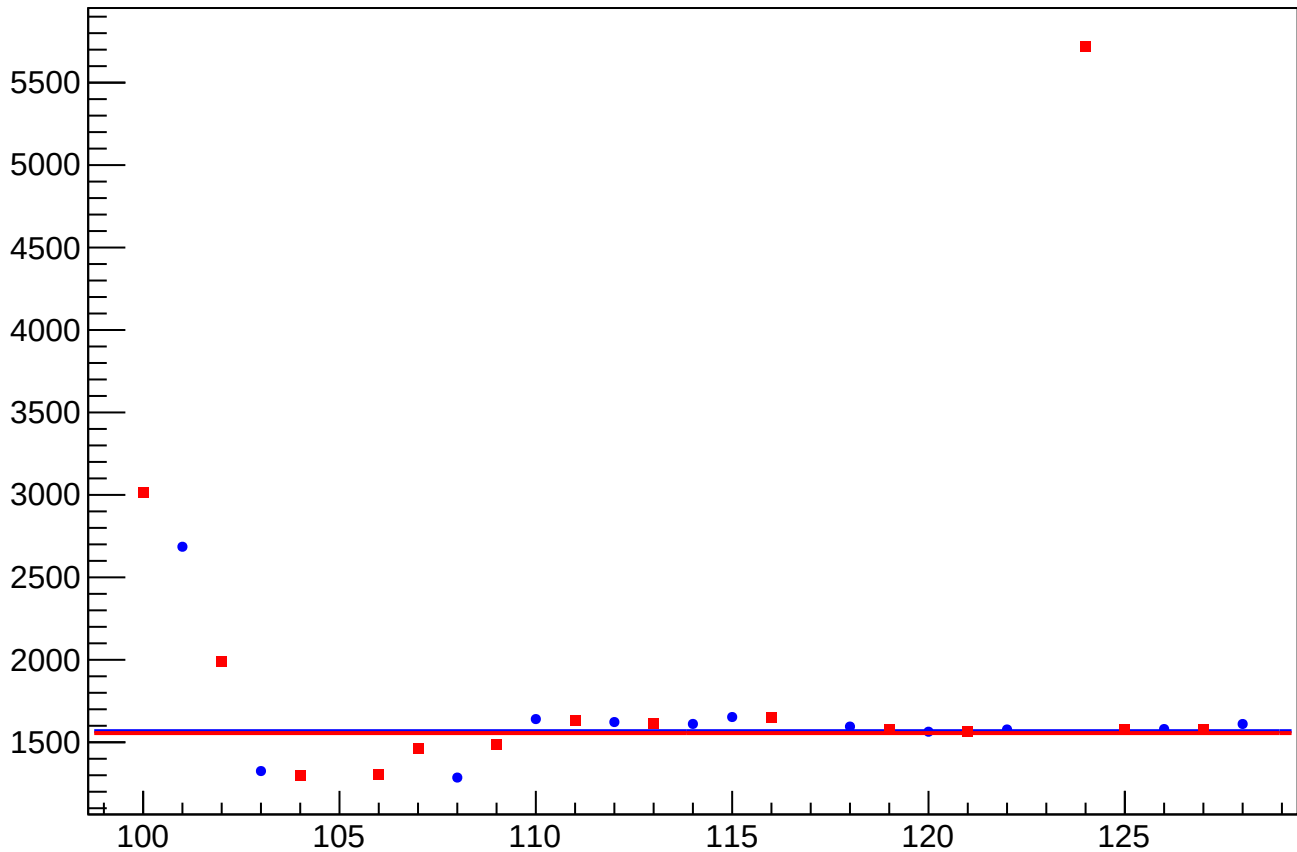
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 572.673+/-494.782 χ^2/NDF : 30.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_rms vs Slug



Right In: 1567.212 $\pm$ 0.504 χ^2 /NDF: 308055.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1555.671 $\pm$ 0.486 χ^2 /NDF: 312567.6/13

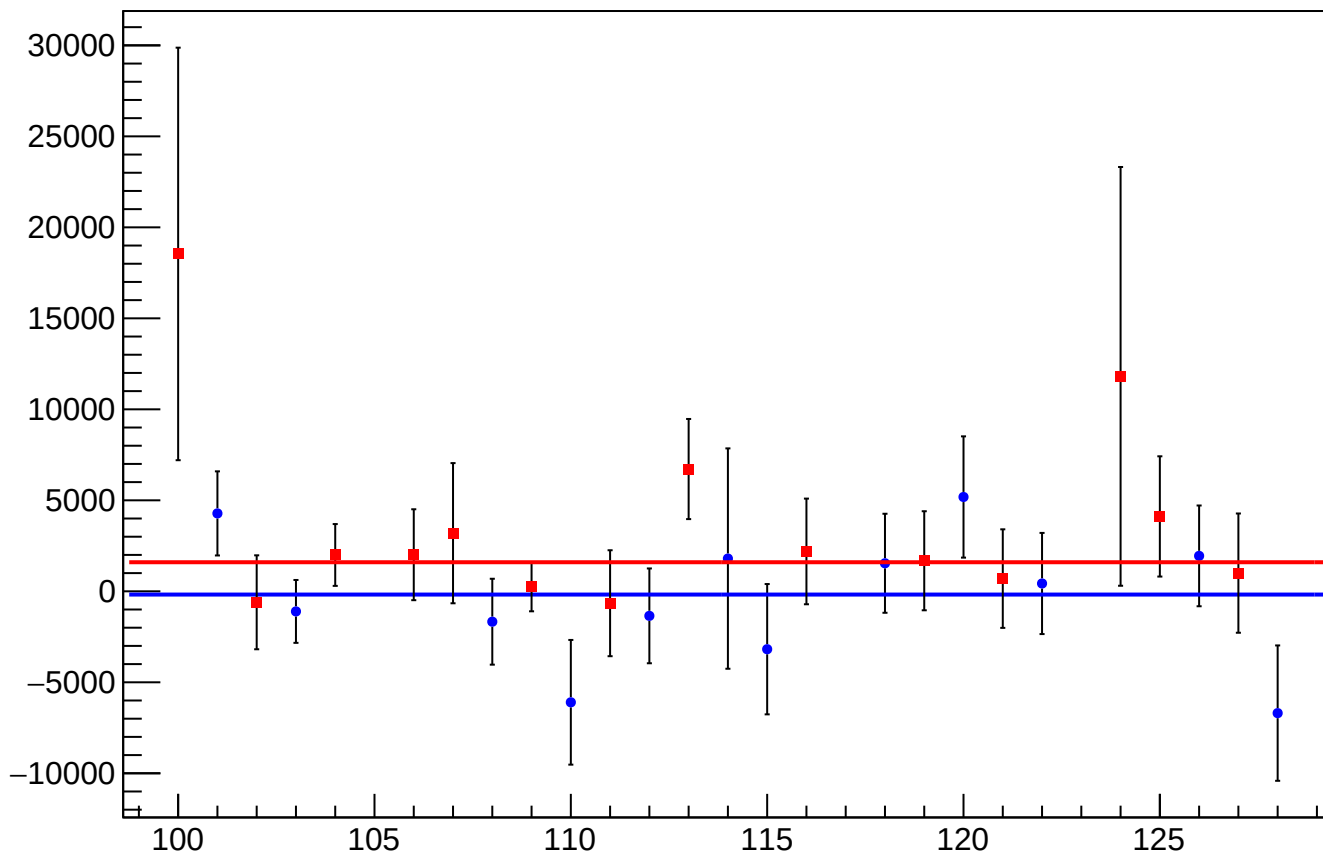
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1561.228 $\pm$ 0.350 χ^2 /NDF: 620894.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_reg_correction_mean vs Slug



Right In: -178.802 ± 791.290 χ^2/NDF : 15.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1597.536 ± 688.187 χ^2/NDF : 9.8/13

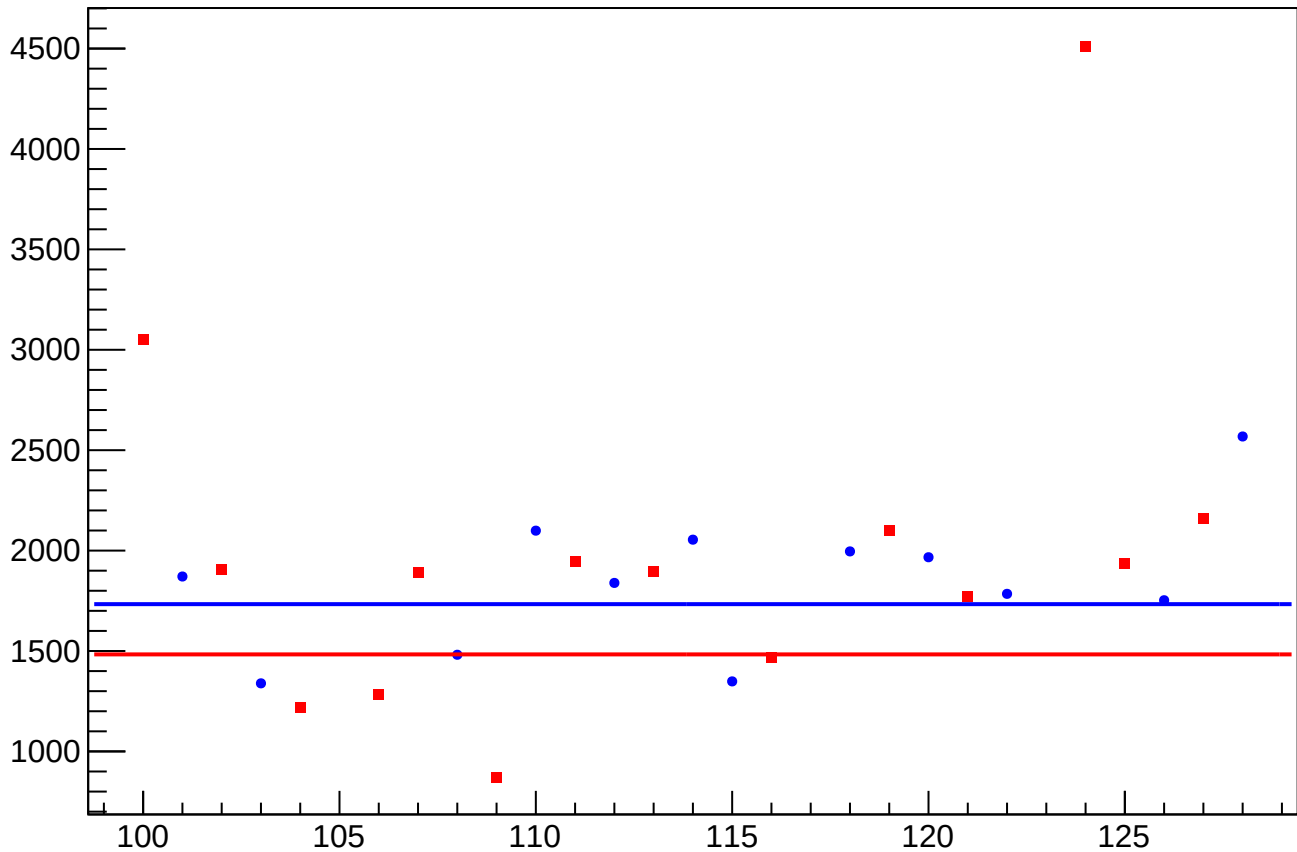
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 832.560 ± 519.274 χ^2/NDF : 27.8/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at2_dd_reg_correction_rms vs Slug



Right In: 1733.326+/-0.560 χ^2/NDF : 318980.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1483.121+/-0.487 χ^2/NDF : 1068780.8/13

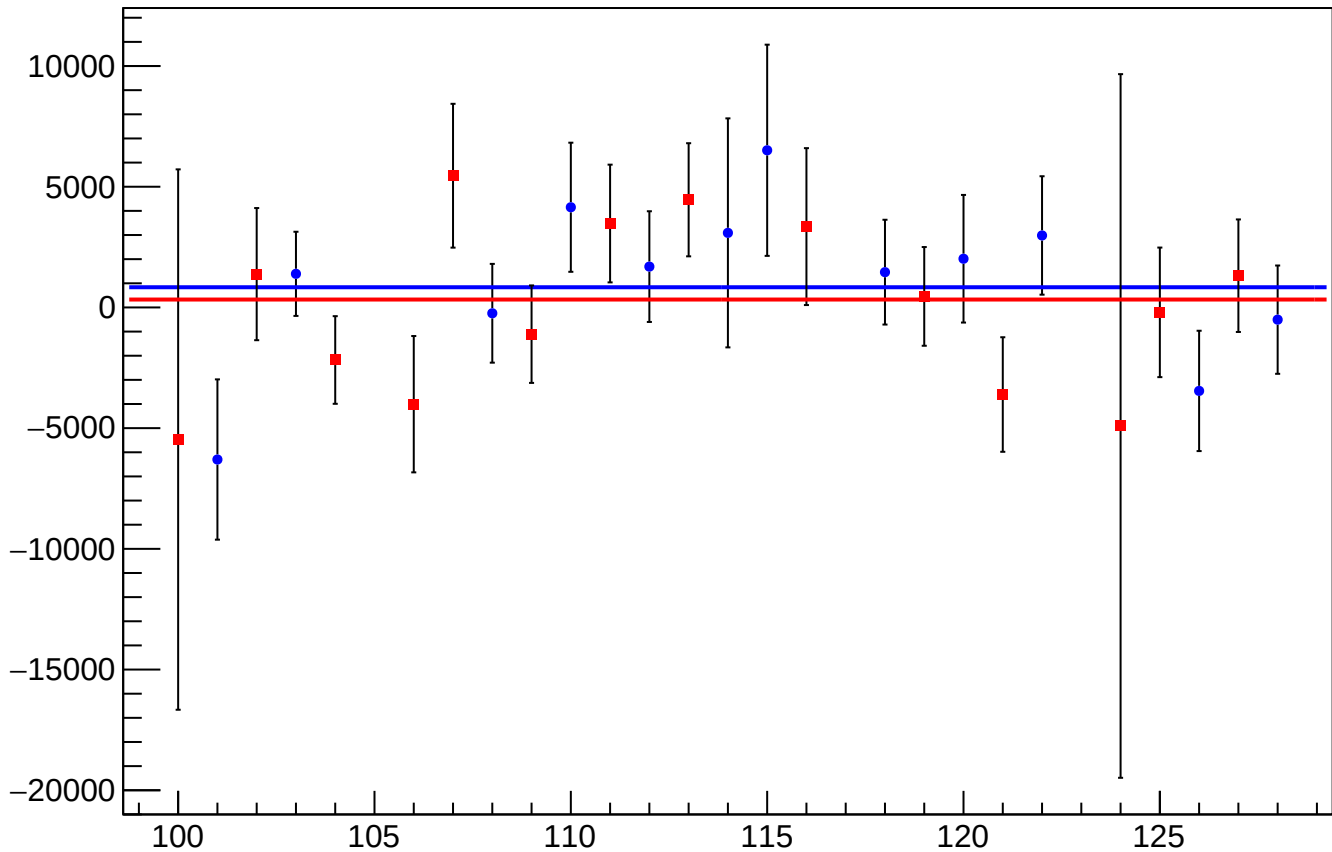
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1590.871+/-0.367 χ^2/NDF : 1501610.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at2_dd_mean vs Slug



Right In: 836.676+/-713.034 χ^2/NDF : 13.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 327.667+/-687.139 χ^2/NDF : 16.9/13

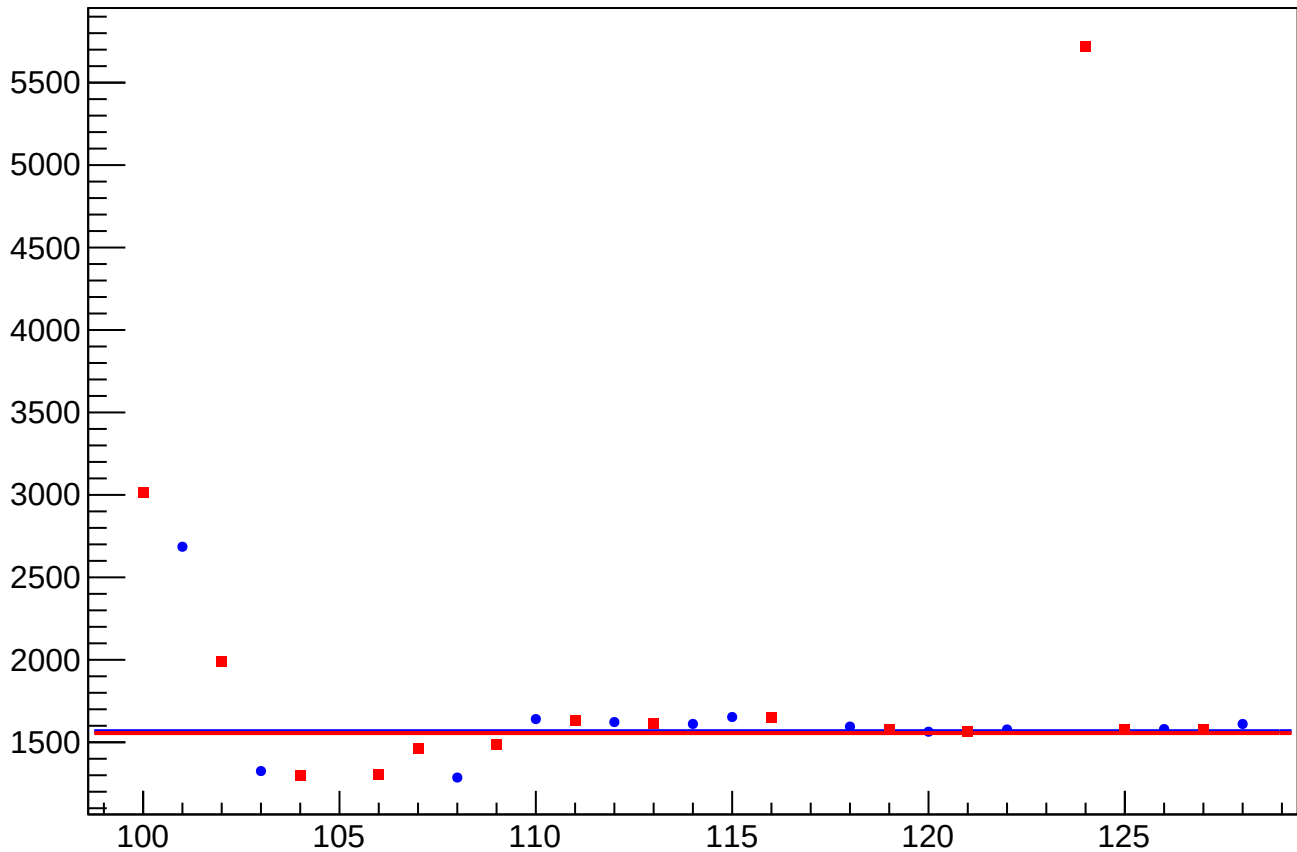
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 572.761+/-494.782 χ^2/NDF : 30.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at2_dd_rms vs Slug



Right In: 1567.212+/-0.504 χ^2/NDF : 308055.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1555.670+/-0.486 χ^2/NDF : 312567.4/13

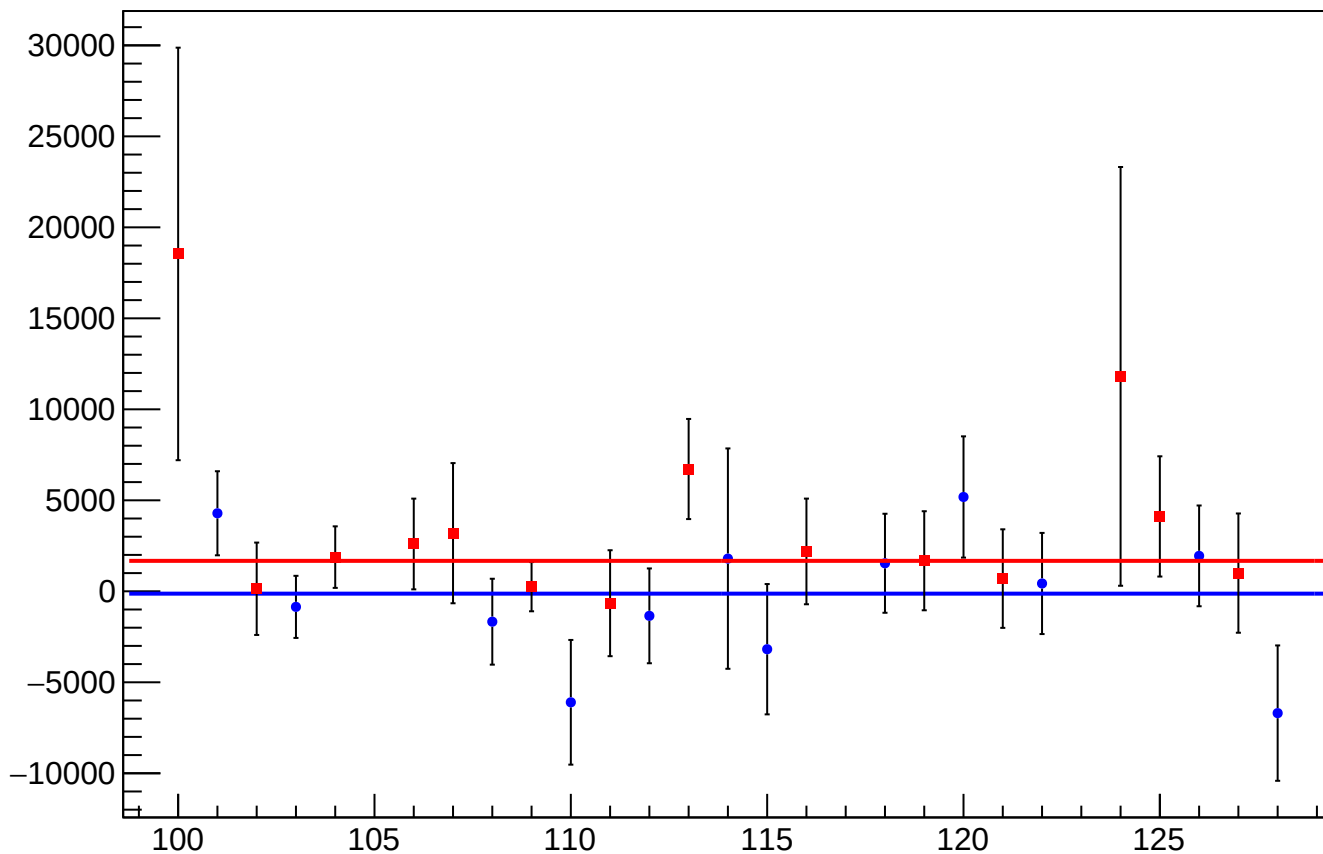
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1561.228+/-0.350 χ^2/NDF : 620894.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_cor_correction_mean vs Slug



Right In: -129.140+/-789.190 χ^2 /NDF: 15.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1672.851+/-686.738 χ^2 /NDF: 9.5/13

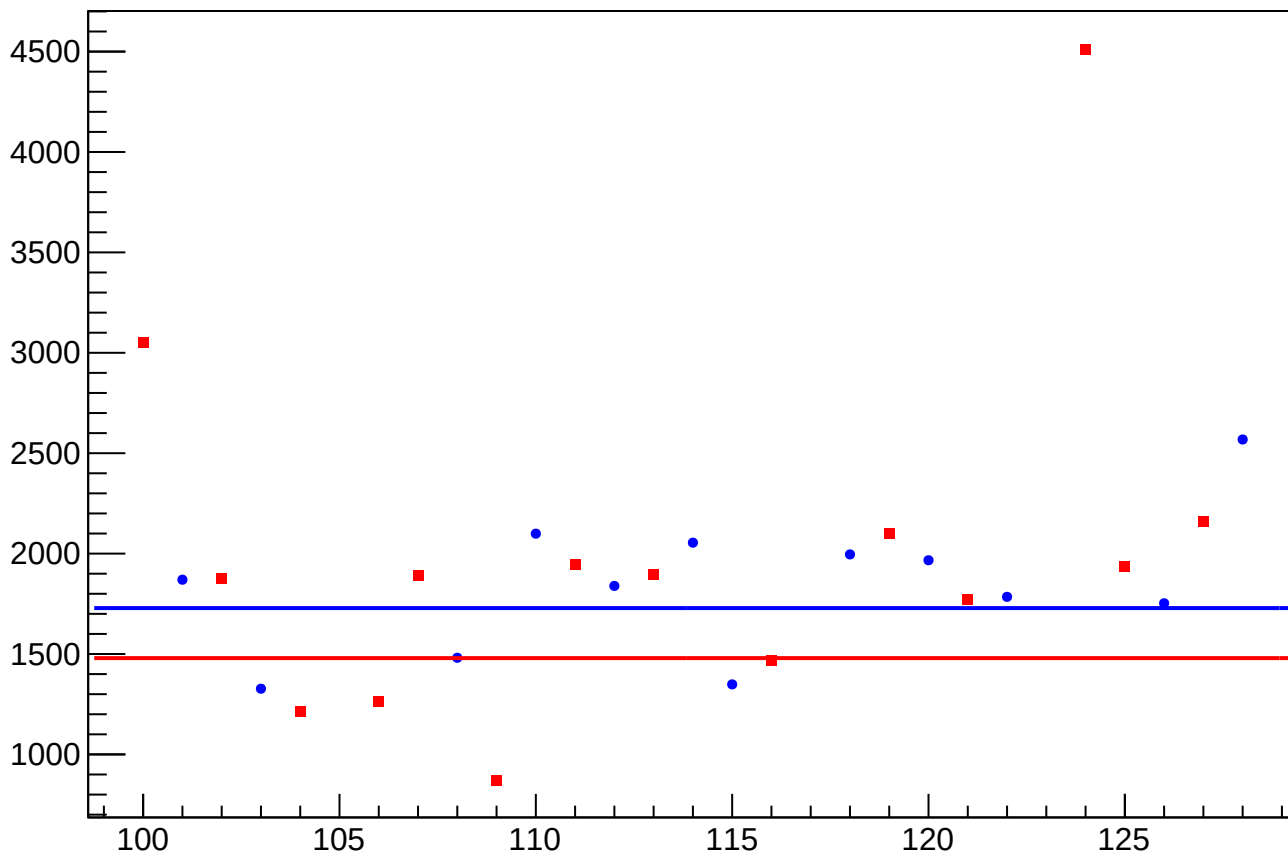
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 896.342+/-518.058 χ^2 /NDF: 27.5/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_cor_correction_rms vs Slug



Right In: 1728.664+/-0.558 χ^2/NDF : 327884.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

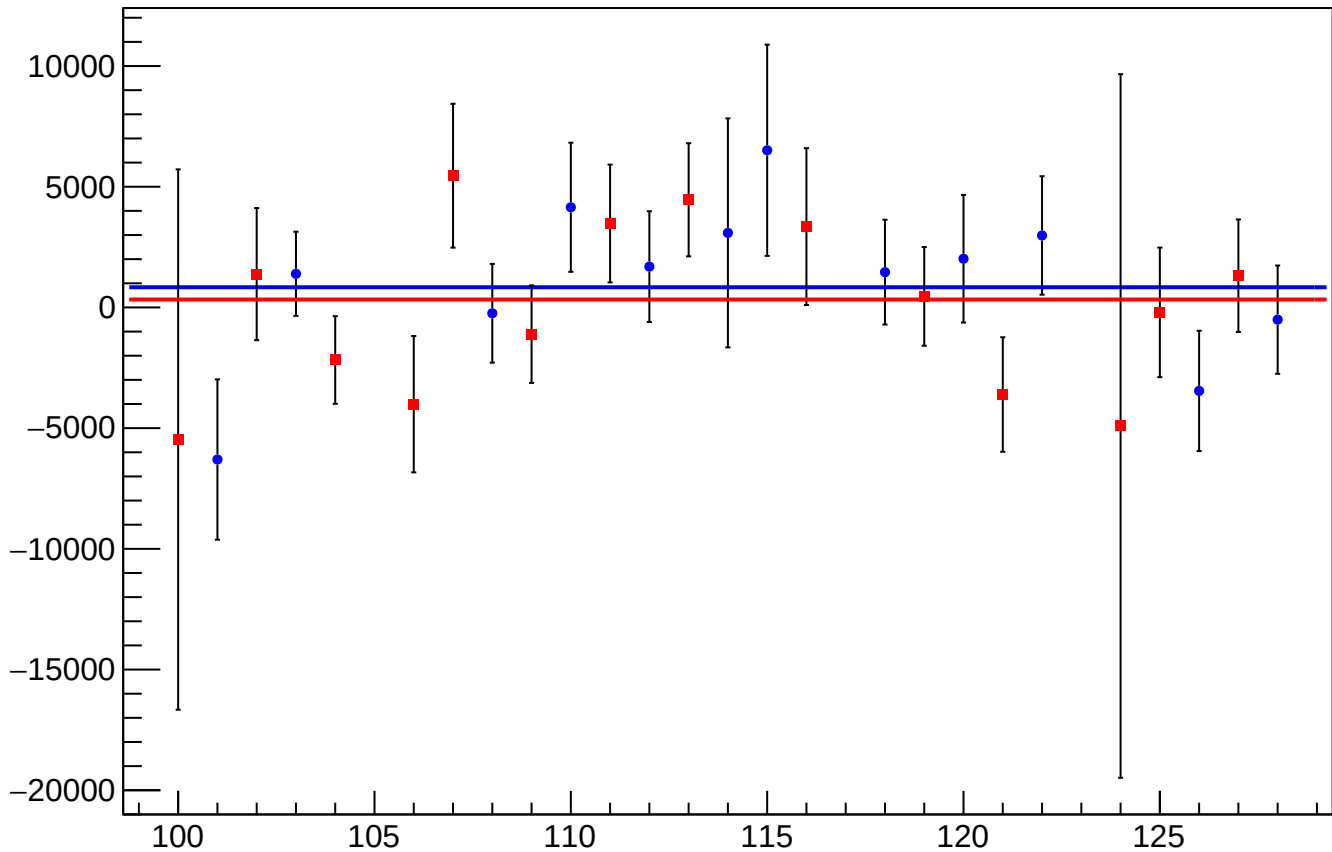
Right Out: 1479.583+/-0.486 χ^2/NDF : 1067387.4/13

All: 1586.916+/-0.366 χ^2/NDF : 1508647.8/25

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at2_dd_mean vs Slug



Right In: 836.676 $\pm$ 713.034 χ^2 /NDF: 13.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 327.667 $\pm$ 687.139 χ^2 /NDF: 16.9/13

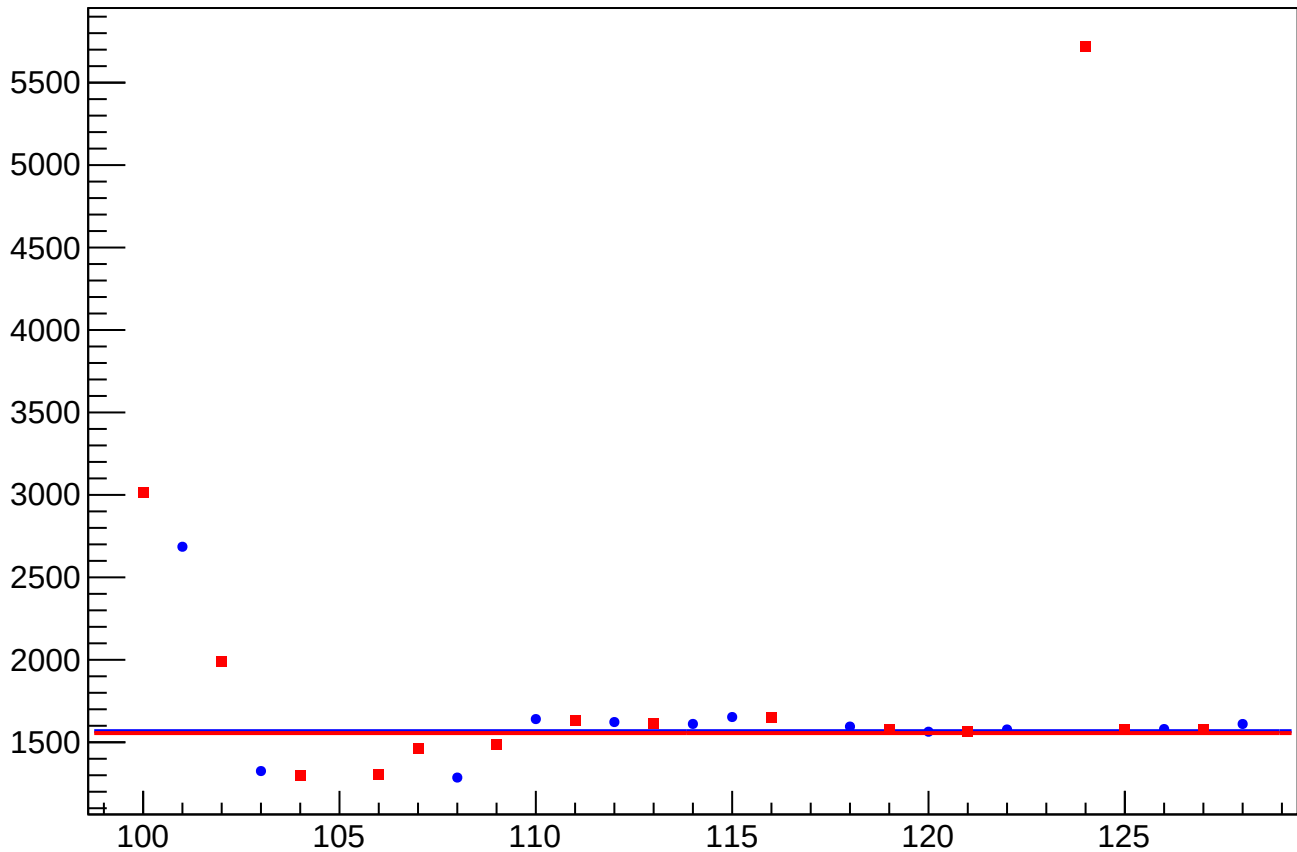
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 572.761 $\pm$ 494.782 χ^2 /NDF: 30.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_at2_dd_rms vs Slug



Right In: 1567.212+/-0.504 χ^2/NDF : 308055.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1555.670+/-0.486 χ^2/NDF : 312567.4/13

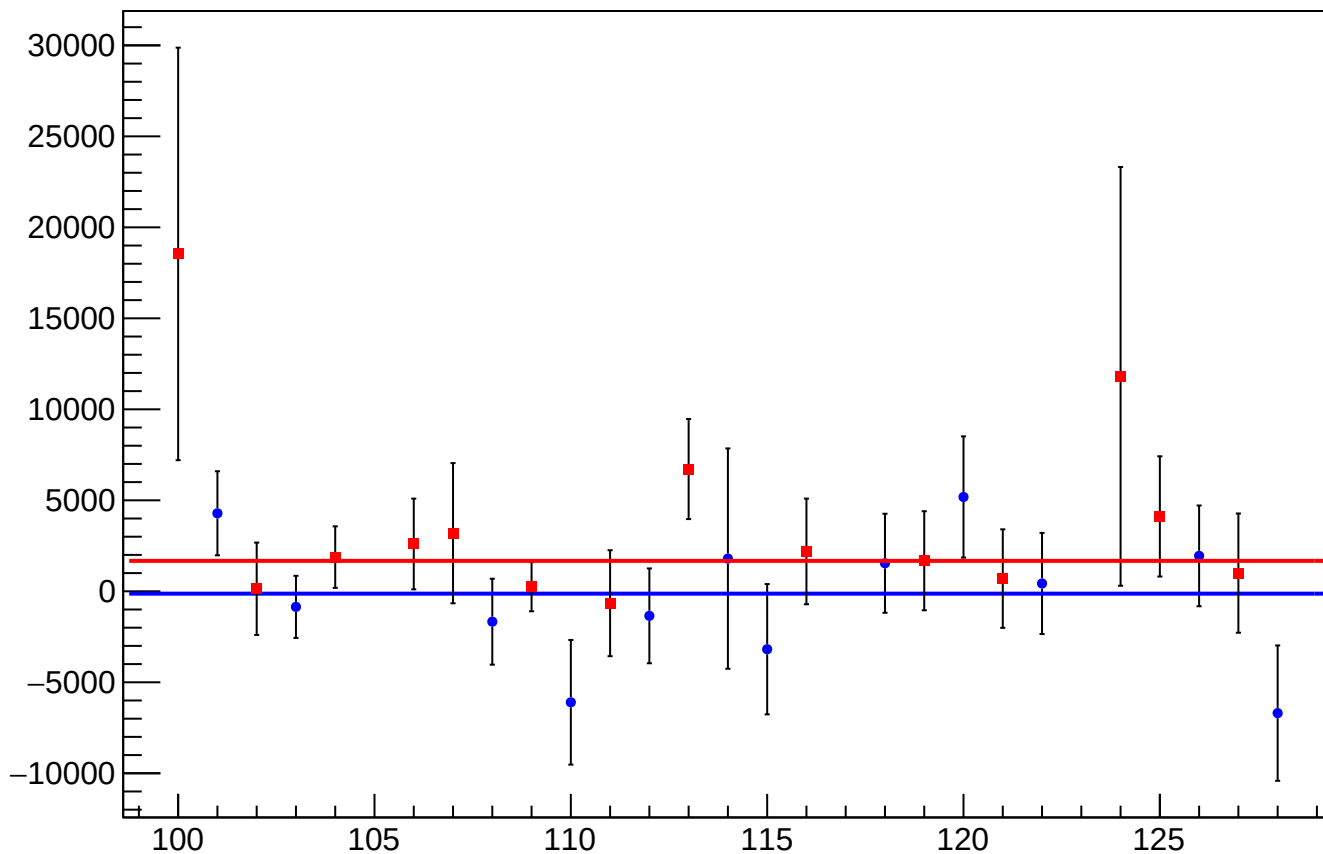
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1561.228+/-0.350 χ^2/NDF : 620894.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_cor_correction_mean vs Slug



Right In: -129.140+/-789.190 χ^2/NDF : 15.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1672.851+/-686.738 χ^2/NDF : 9.5/13

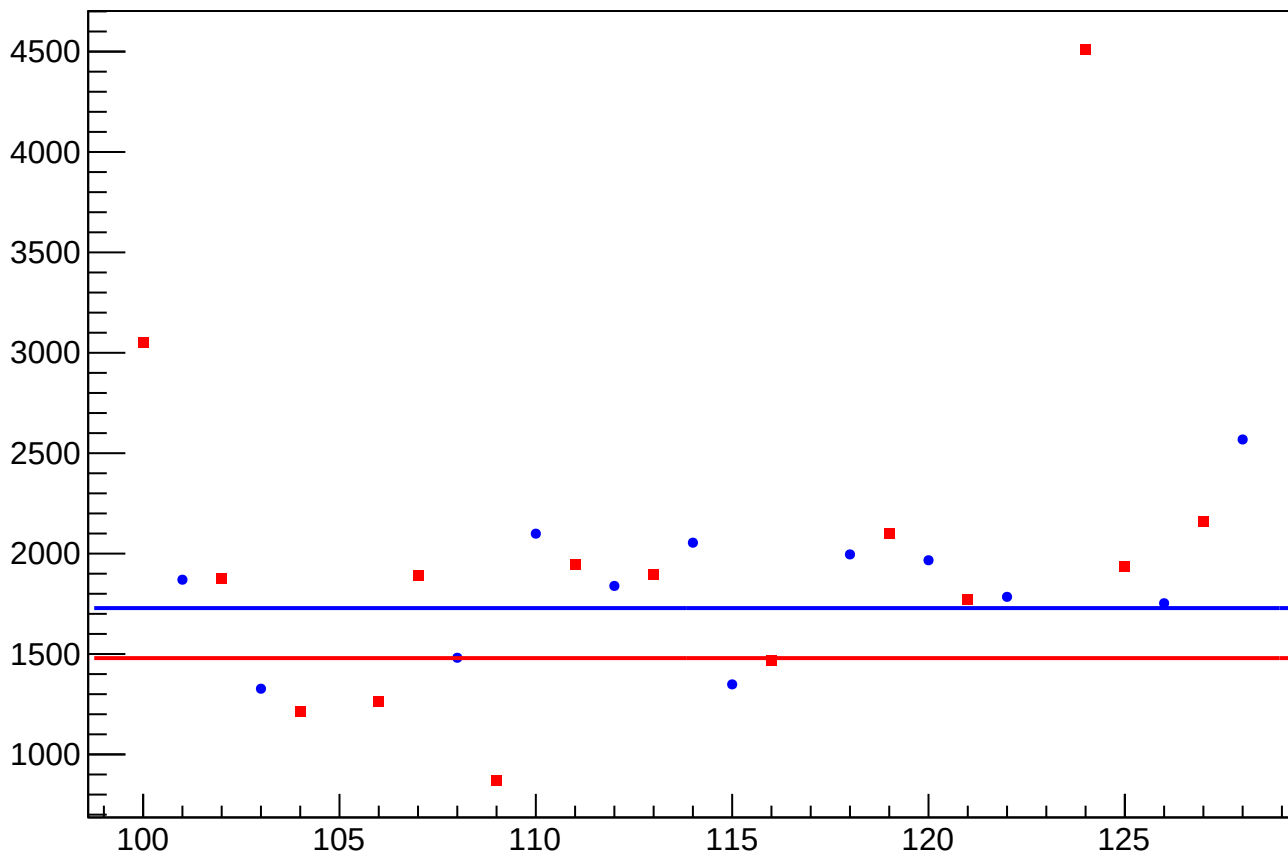
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 896.342+/-518.058 χ^2/NDF : 27.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_cor_correction_rms vs Slug



Right In: 1728.664+/-0.558 χ^2/NDF : 327884.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

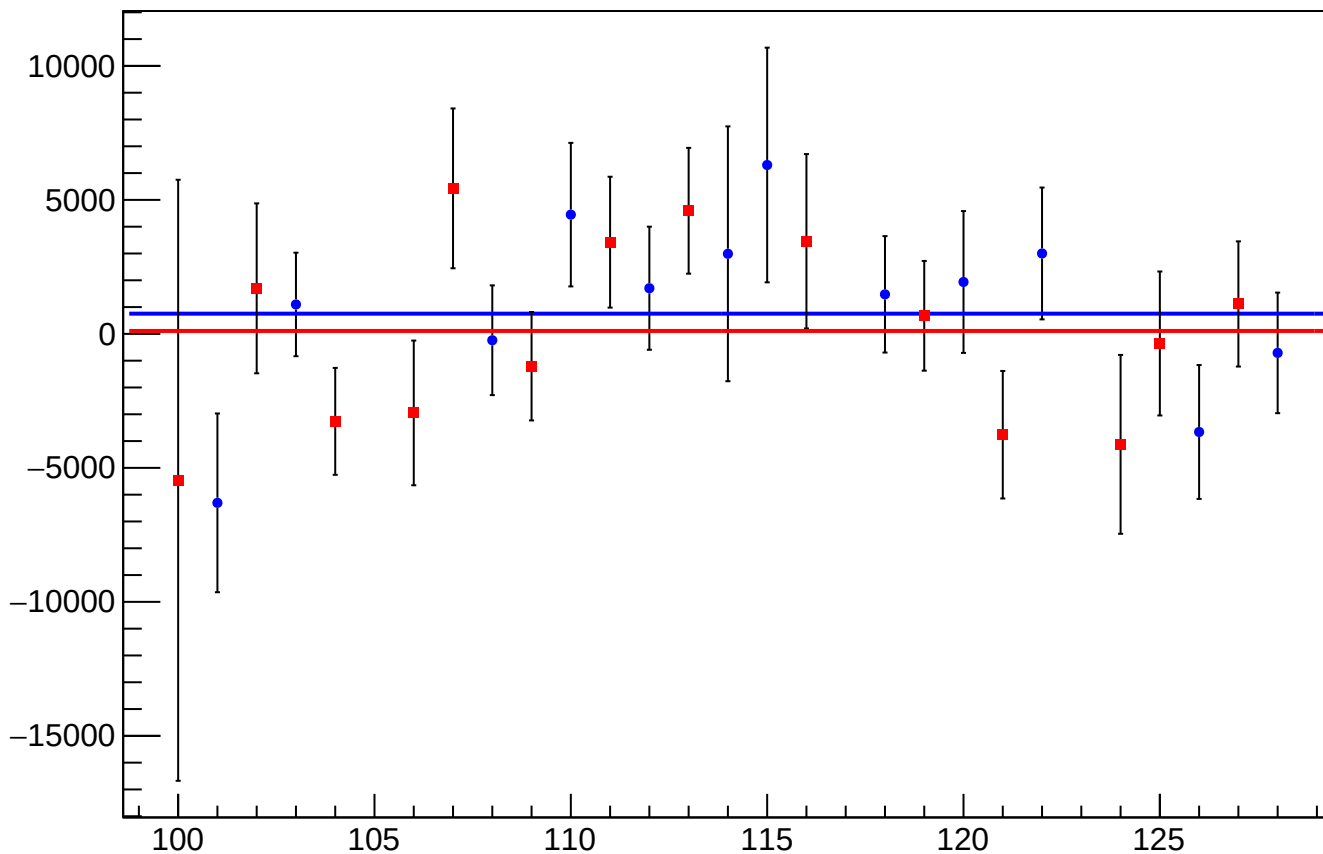
Right Out: 1479.583+/-0.486 χ^2/NDF : 1067387.4/13

All: 1586.916+/-0.366 χ^2/NDF : 1508647.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at2_dd_mean vs Slug



Right In: 754.512 $\pm$ 725.511 χ^2 /NDF: 13.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 109.324 $\pm$ 686.237 χ^2 /NDF: 19.3/13

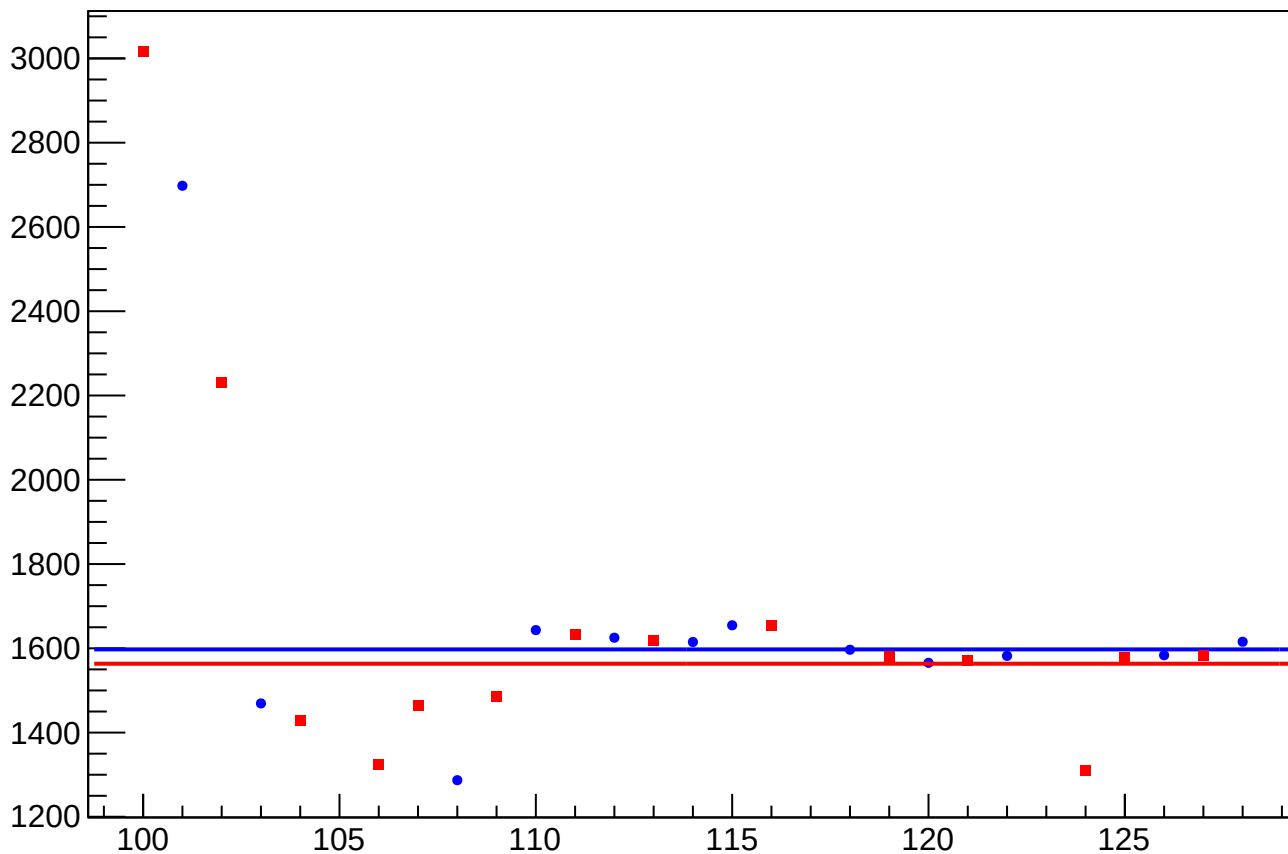
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 413.983 $\pm$ 498.549 χ^2 /NDF: 33.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at2_dd_rms vs Slug



Right In: 1597.450+/-0.513 χ^2/NDF : 274248.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1563.412+/-0.485 χ^2/NDF : 167863.3/13

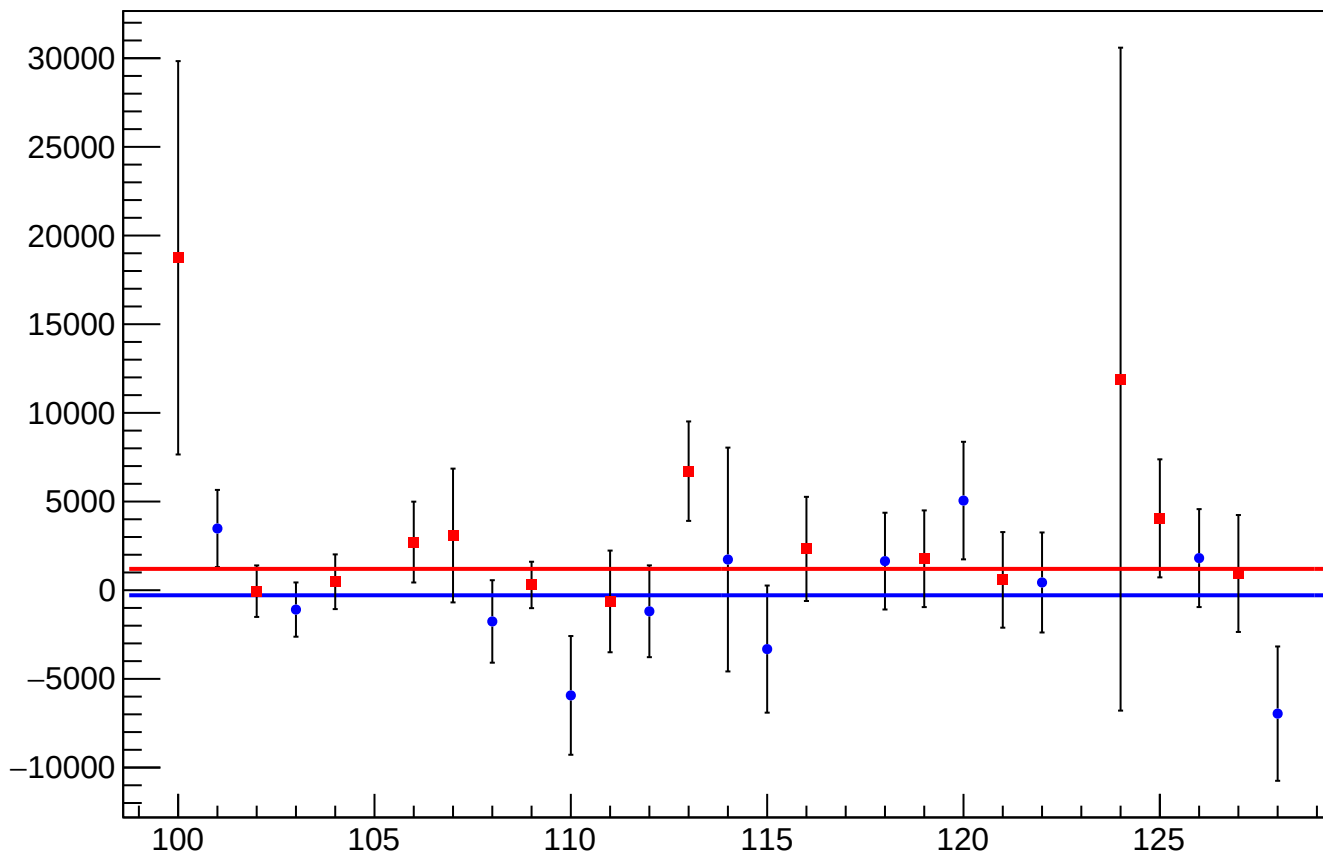
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1579.485+/-0.353 χ^2/NDF : 444435.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_dit_correction_mean vs Slug



Right In: -286.165+/-763.204 χ^2 /NDF: 14.3/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1202.251+/-623.593 χ^2 /NDF: 10.2/13

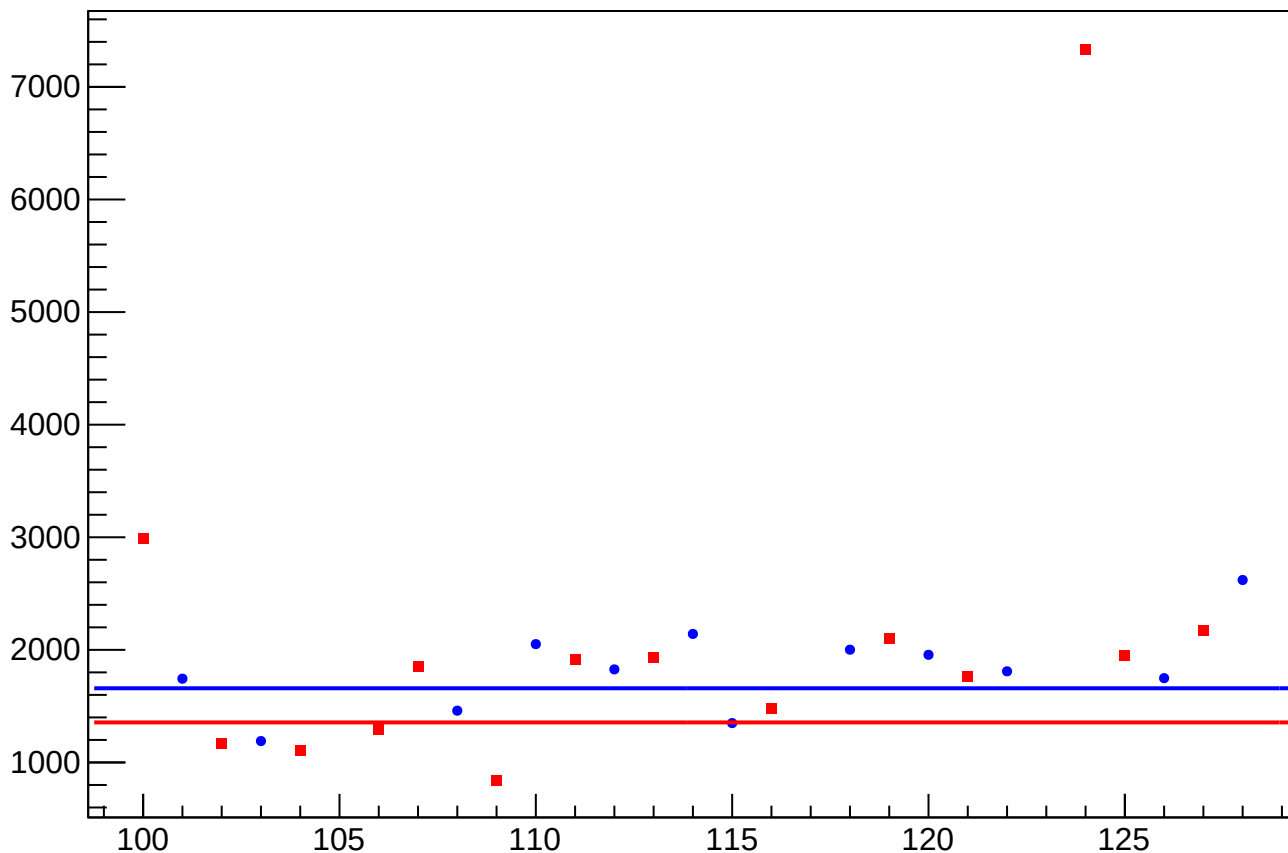
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 606.380+/-482.897 χ^2 /NDF: 26.8/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_dit_correction_rms vs Slug



Right In: 1658.792+/-0.540 χ^2/NDF : 452278.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1355.536+/-0.441 χ^2/NDF : 1226658.3/13

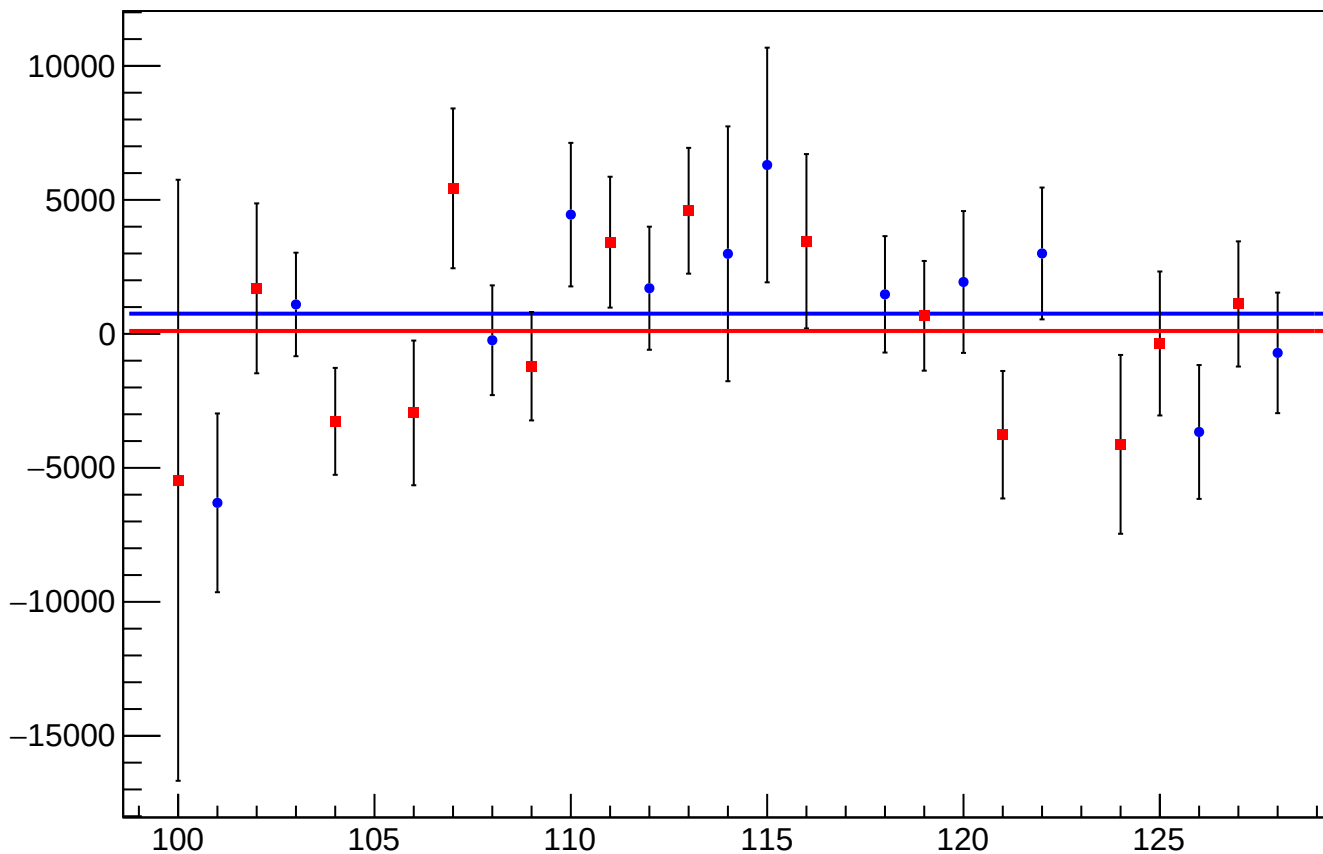
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1476.941+/-0.341 χ^2/NDF : 1868290.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at2_dd_mean vs Slug



Right In: 754.509 $\pm$ 725.511 χ^2 /NDF: 13.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 109.321 $\pm$ 686.237 χ^2 /NDF: 19.3/13

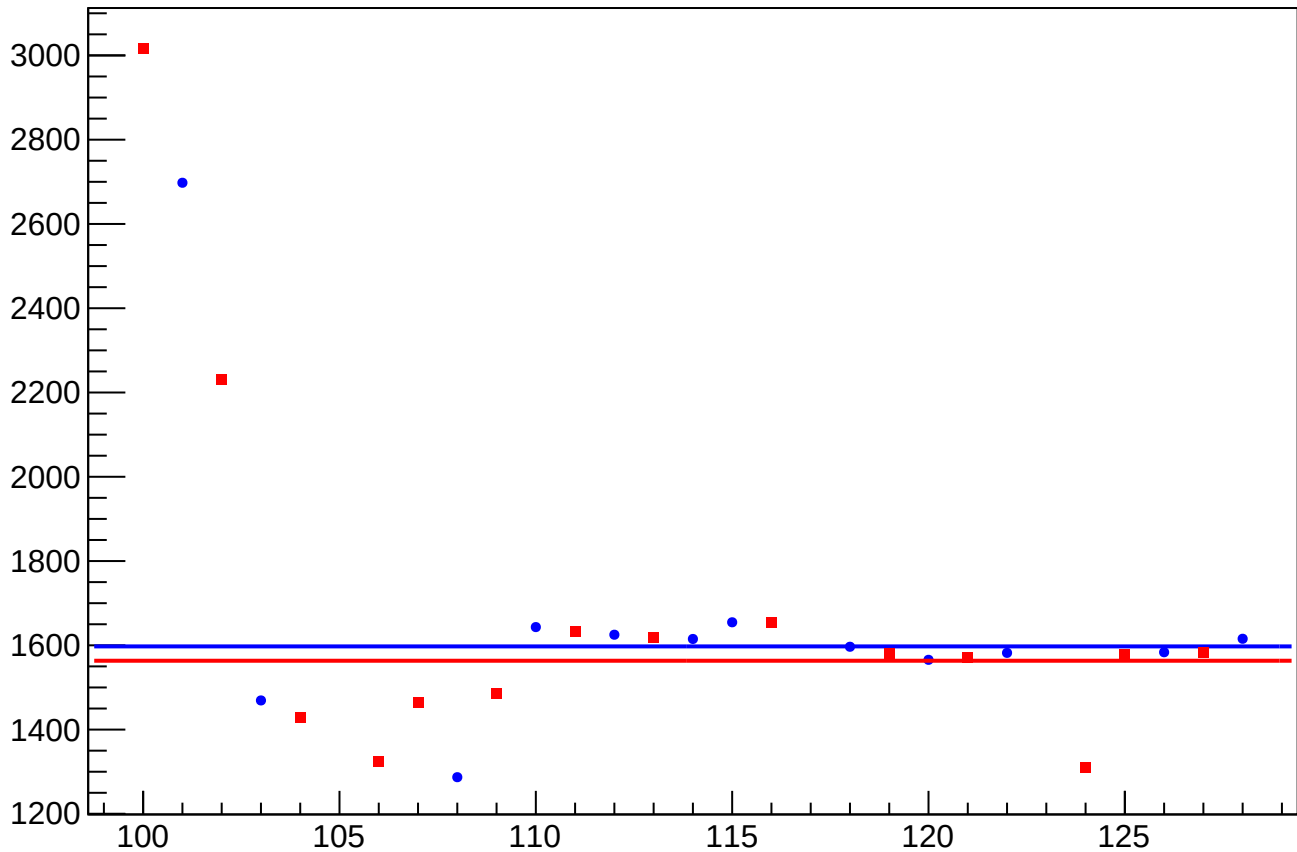
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 413.981 $\pm$ 498.549 χ^2 /NDF: 33.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at2_dd_rms vs Slug



Right In: 1597.450+/-0.513 χ^2/NDF : 274248.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1563.412+/-0.485 χ^2/NDF : 167863.4/13

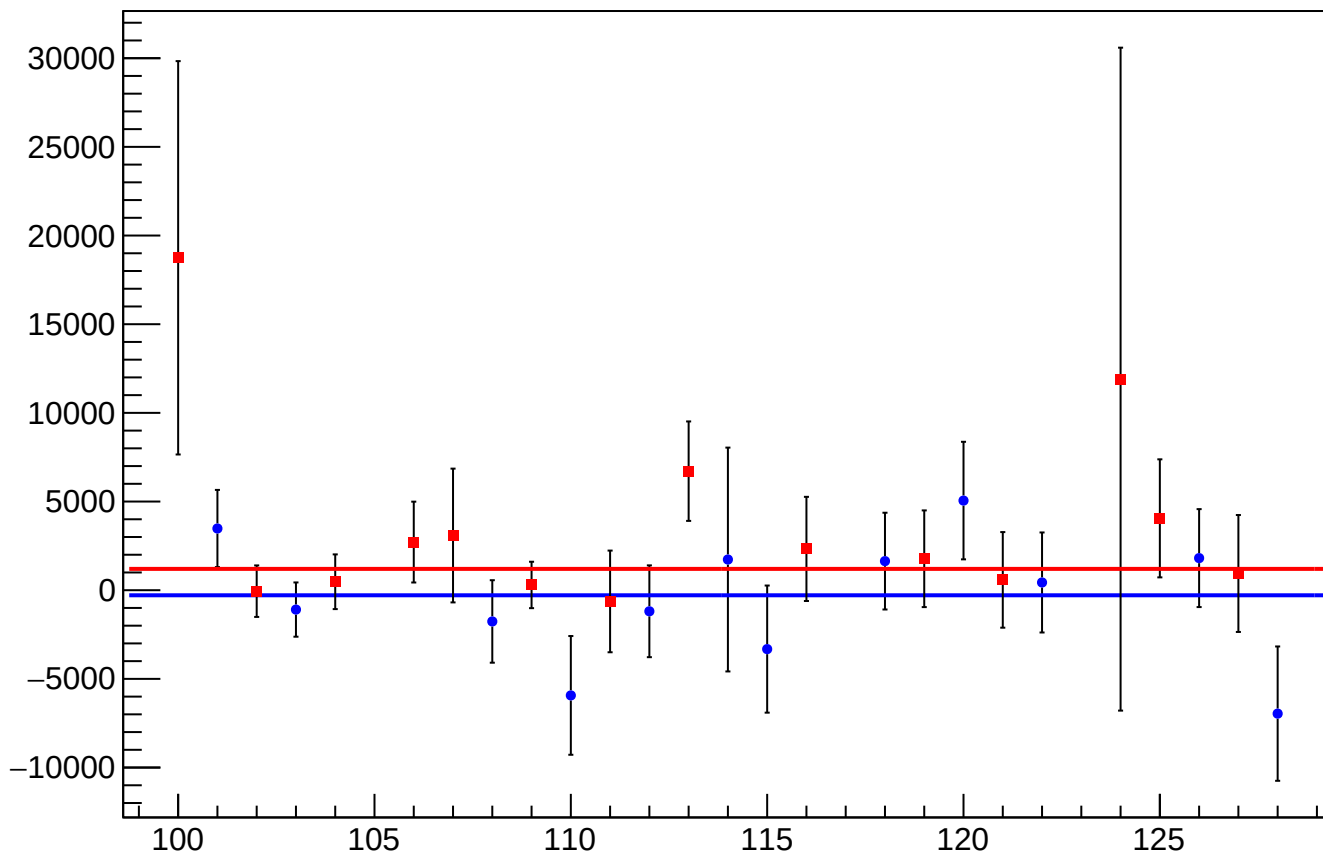
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1579.485+/-0.353 χ^2/NDF : 444434.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_dit_correction_mean vs Slug



Right In: -286.164+/-763.202 χ^2/NDF : 14.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1202.254+/-623.594 χ^2/NDF : 10.2/13

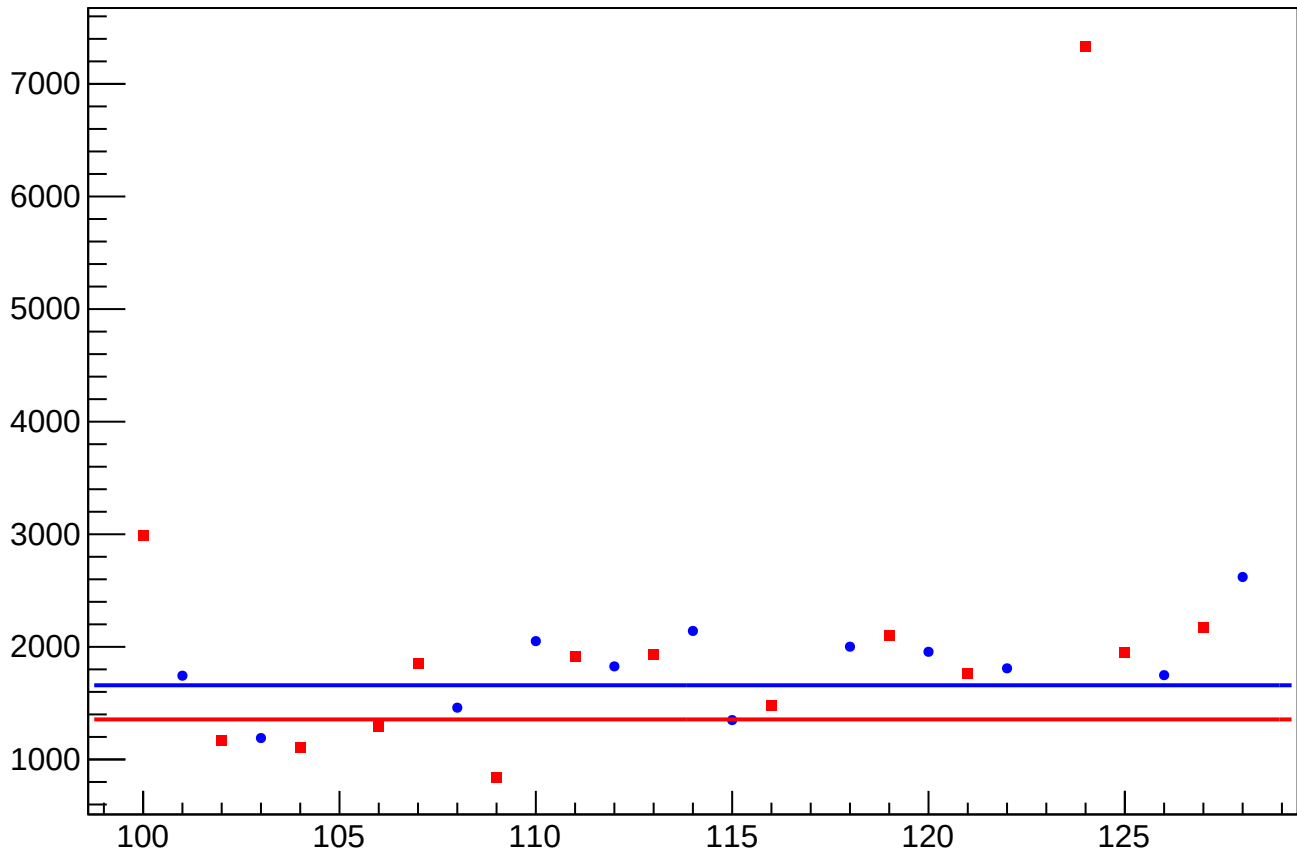
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 606.379+/-482.897 χ^2/NDF : 26.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_dit_correction_rms vs Slug



Right In: 1658.789+/-0.540 χ^2/NDF : 452271.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

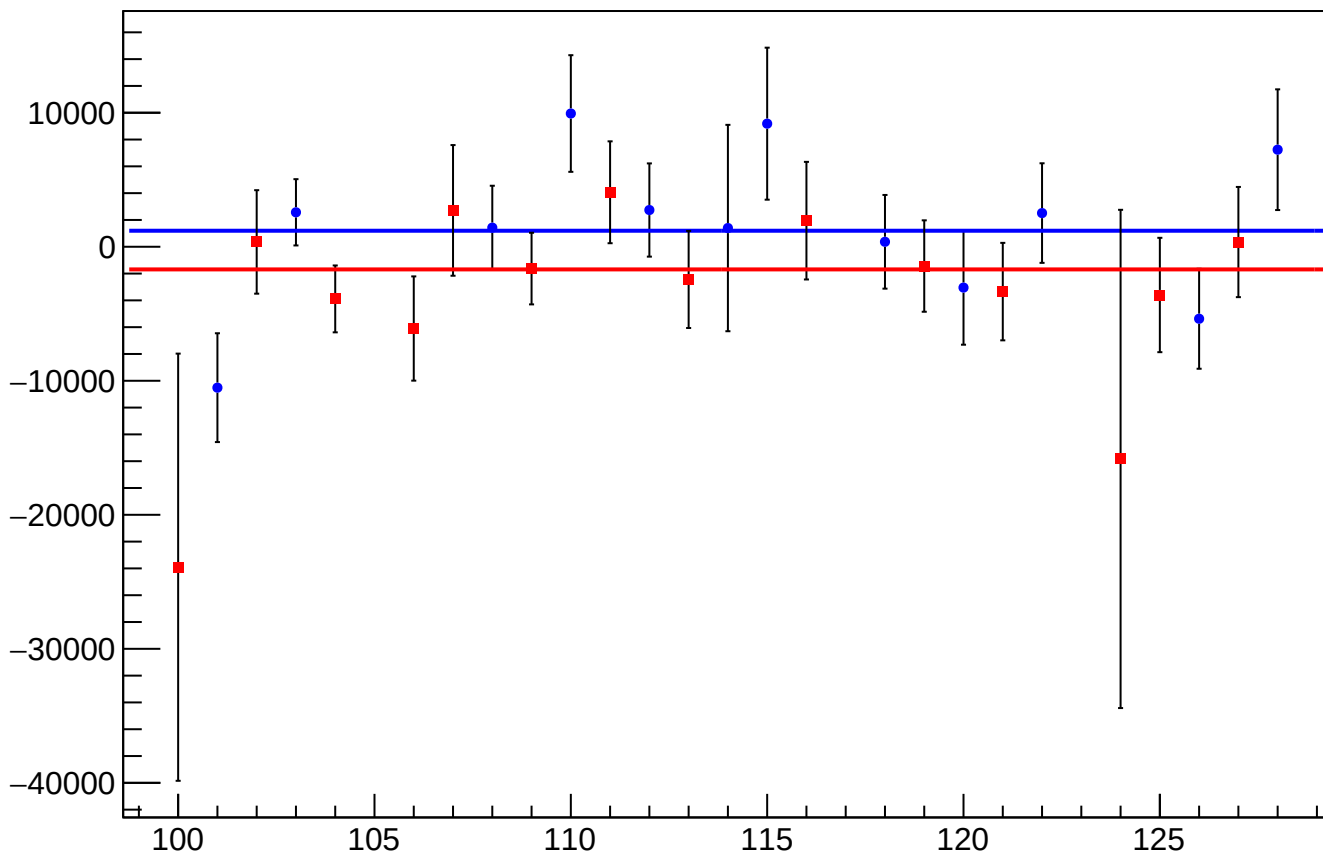
Right Out: 1355.542+/-0.441 χ^2/NDF : 1226631.3/13

All: 1476.944+/-0.341 χ^2/NDF : 1868245.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_mean vs Slug



Right In: 1195.317 $\pm$ 1090.856 χ^2 /NDF: 20.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1690.047 $\pm$ 1022.802 χ^2 /NDF: 9.4/13

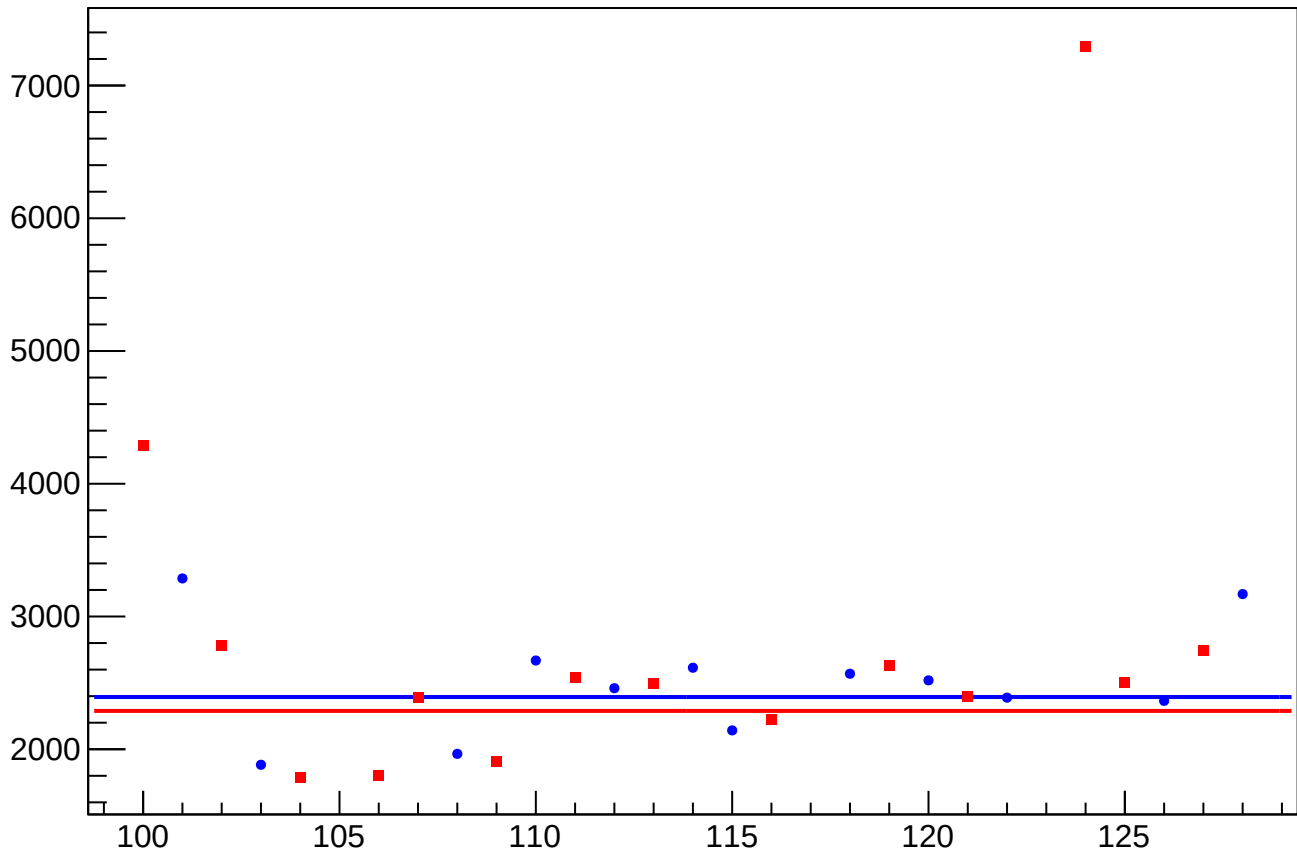
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -340.170 $\pm$ 746.130 χ^2 /NDF: 34.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_rms vs Slug



Right In: 2393.385+/-0.771 χ^2/NDF : 299939.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2288.786+/-0.723 χ^2/NDF : 431109.5/13

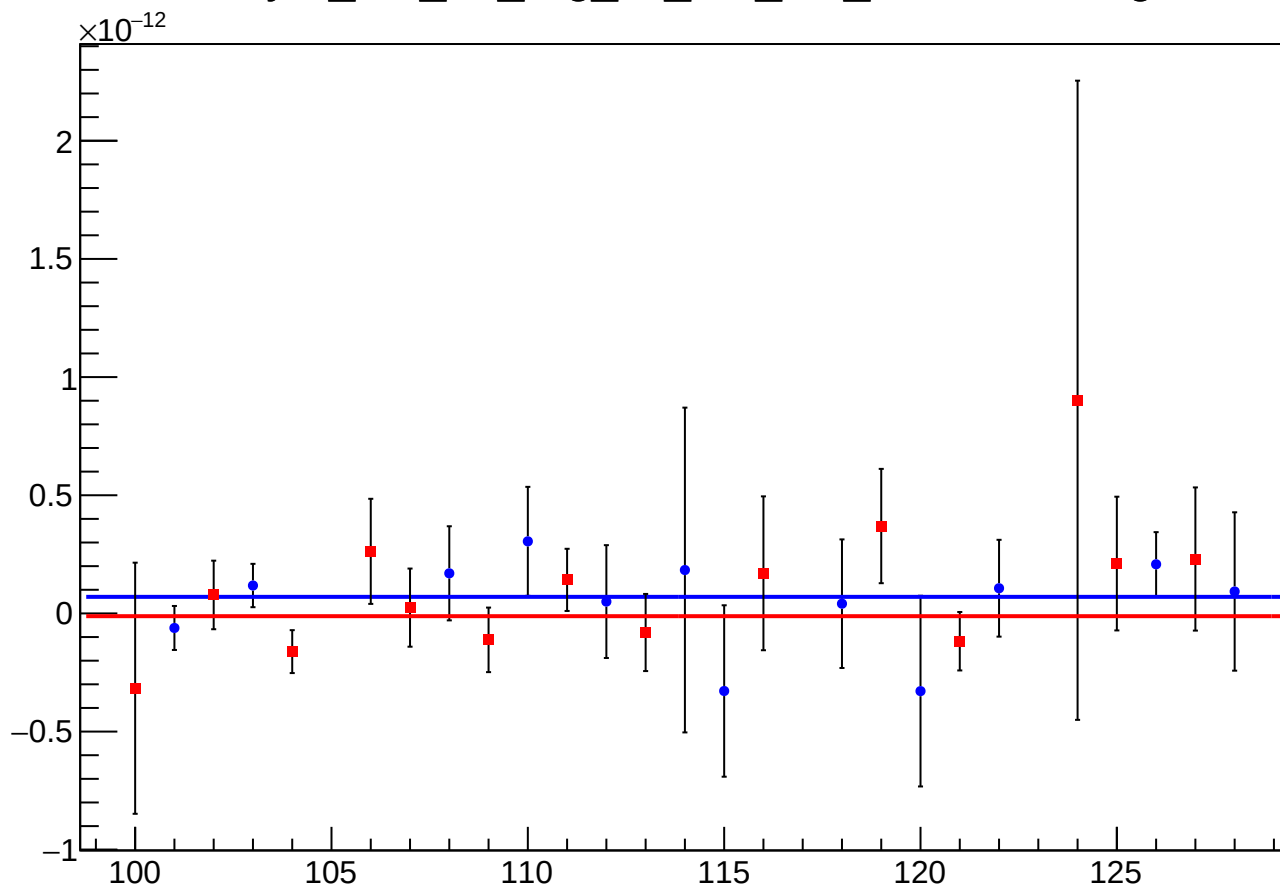
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2337.721+/-0.528 χ^2/NDF : 740835.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 6.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 12.3/13

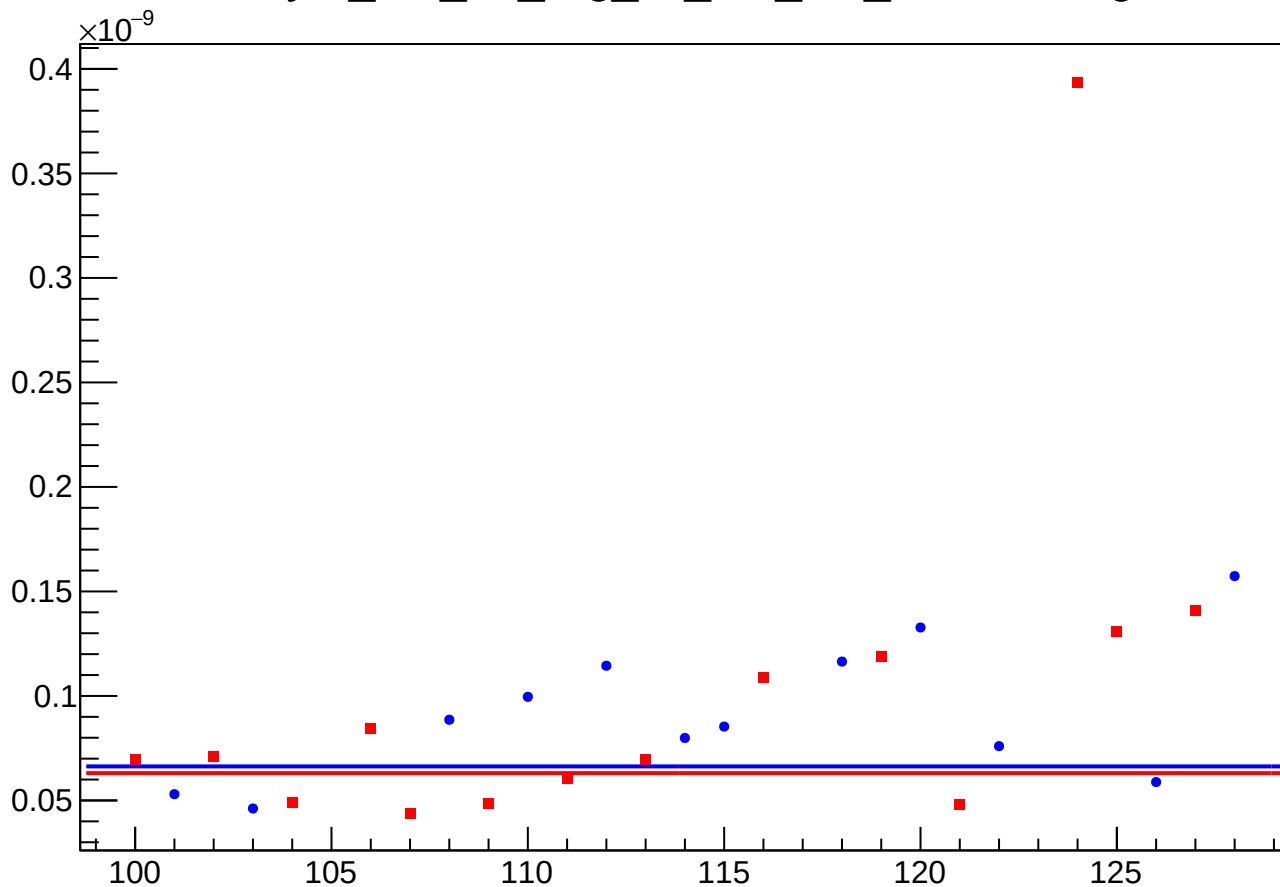
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 20.7/25

- sign 0.000 ± 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 : 572332.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 667599.3/13

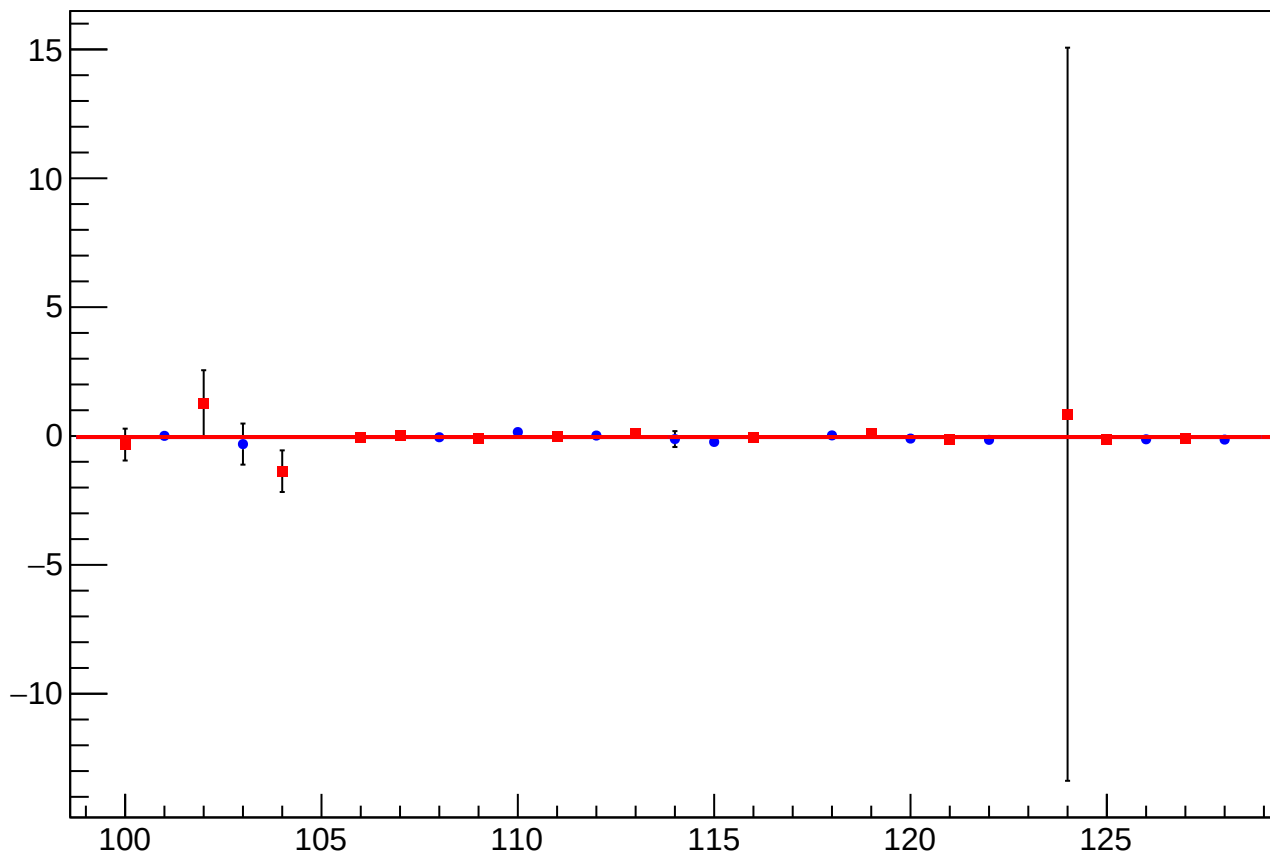
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1244574.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.040 ± 0.035 χ^2/NDF : 6.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.039 ± 0.030 χ^2/NDF : 10.5/13

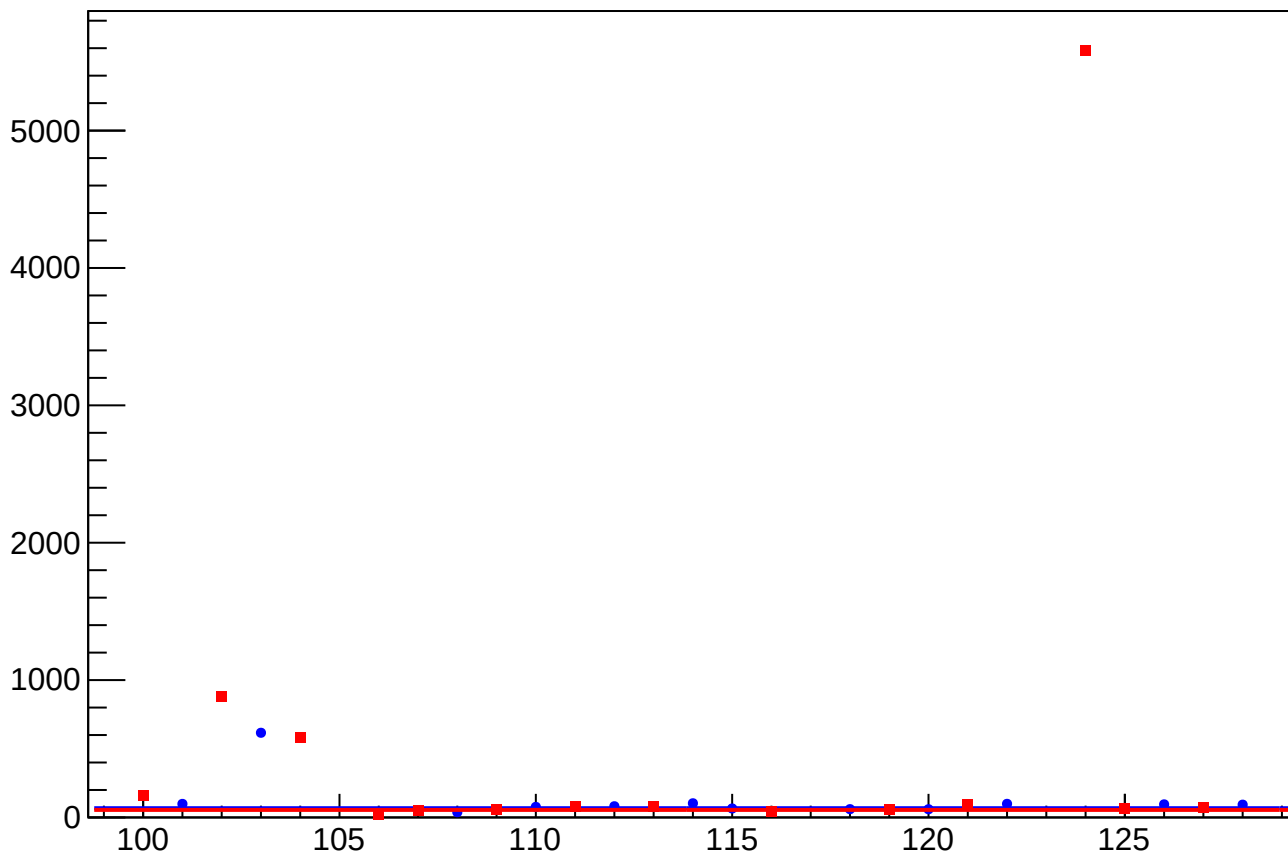
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.040 ± 0.023 χ^2/NDF : 16.6/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 67.336+/-0.025 χ^2/NDF : 1754395.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.037+/-0.021 χ^2/NDF : 2928629.1/13

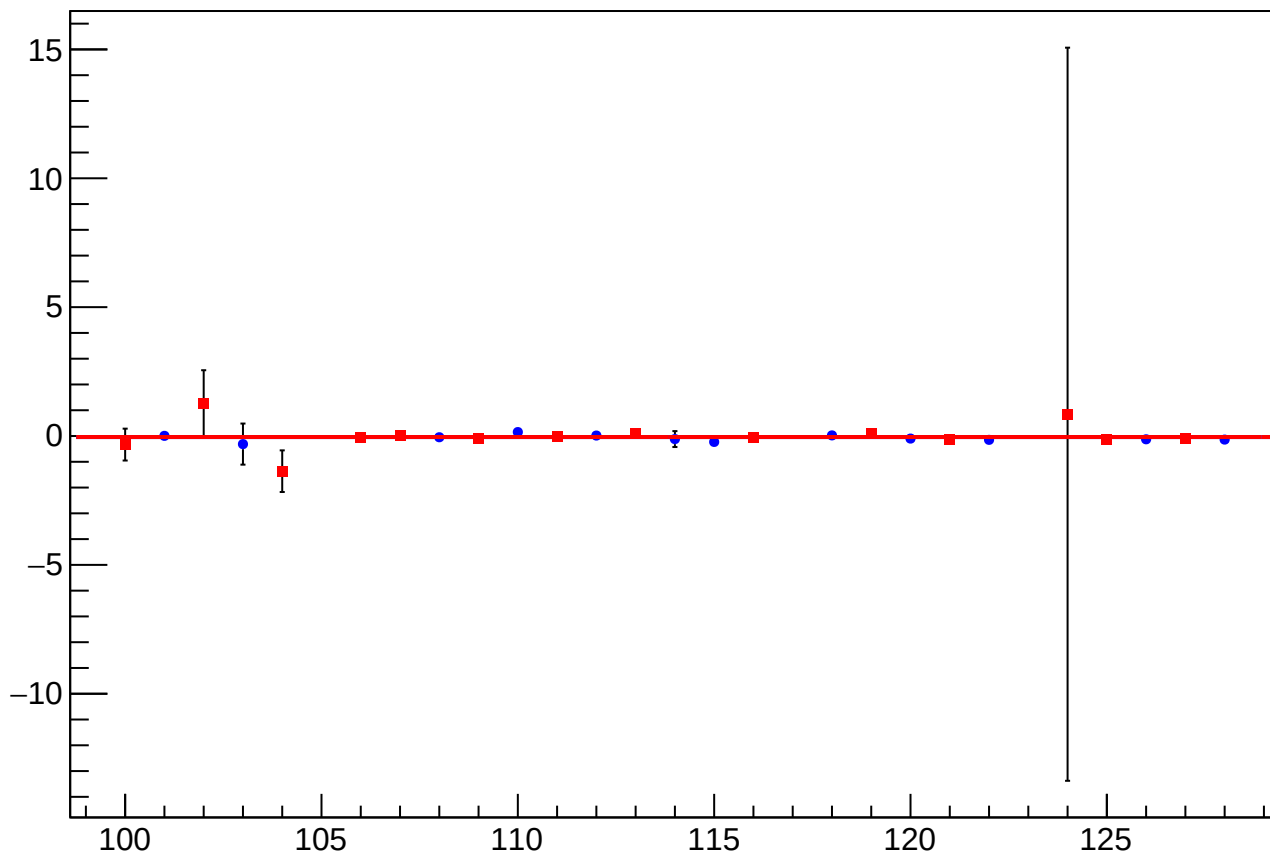
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.363+/-0.016 χ^2/NDF : 4825726.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.040 $\pm$ 0.035 χ^2 /NDF: 6.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.039 $\pm$ 0.030 χ^2 /NDF: 10.5/13

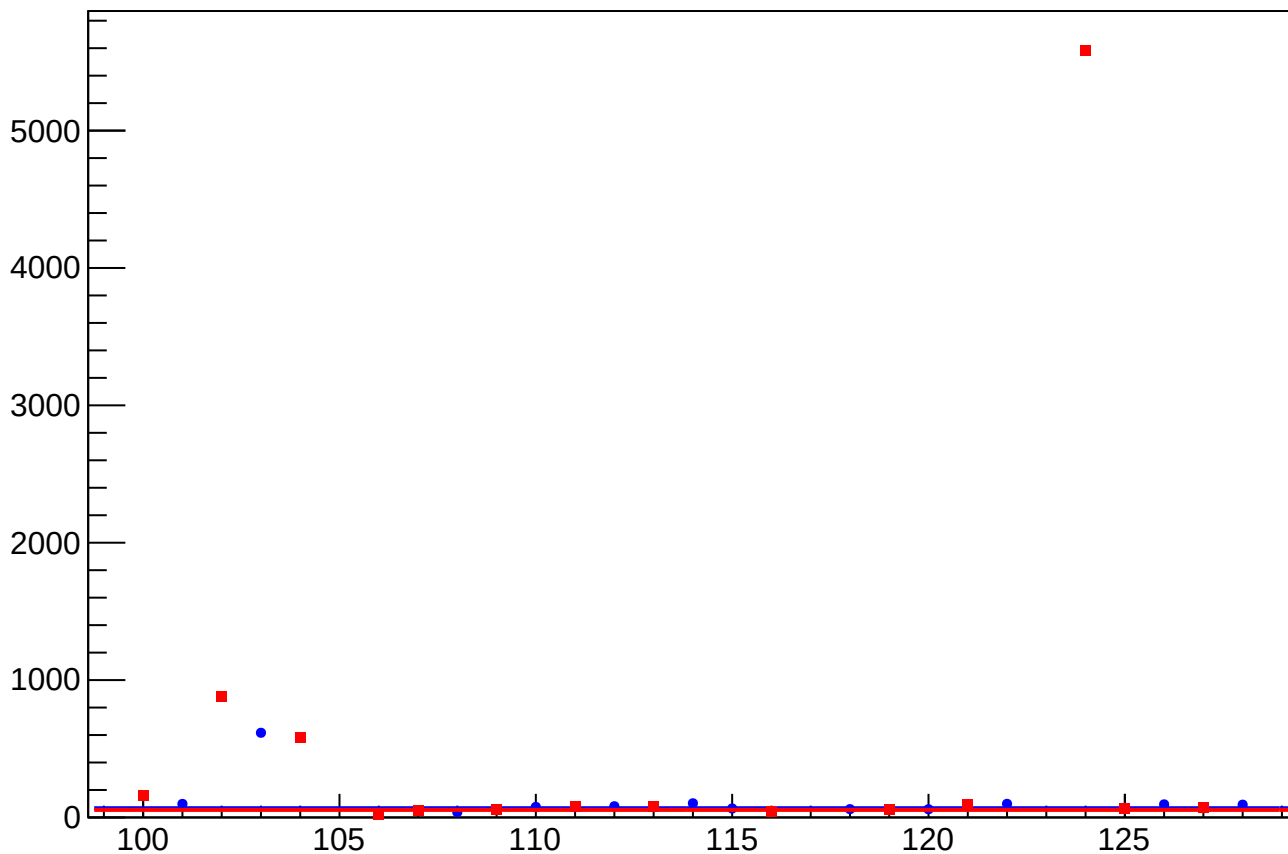
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.040 $\pm$ 0.023 χ^2 /NDF: 16.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 67.336+/-0.025 χ^2/NDF : 1754395.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.037+/-0.021 χ^2/NDF : 2928629.1/13

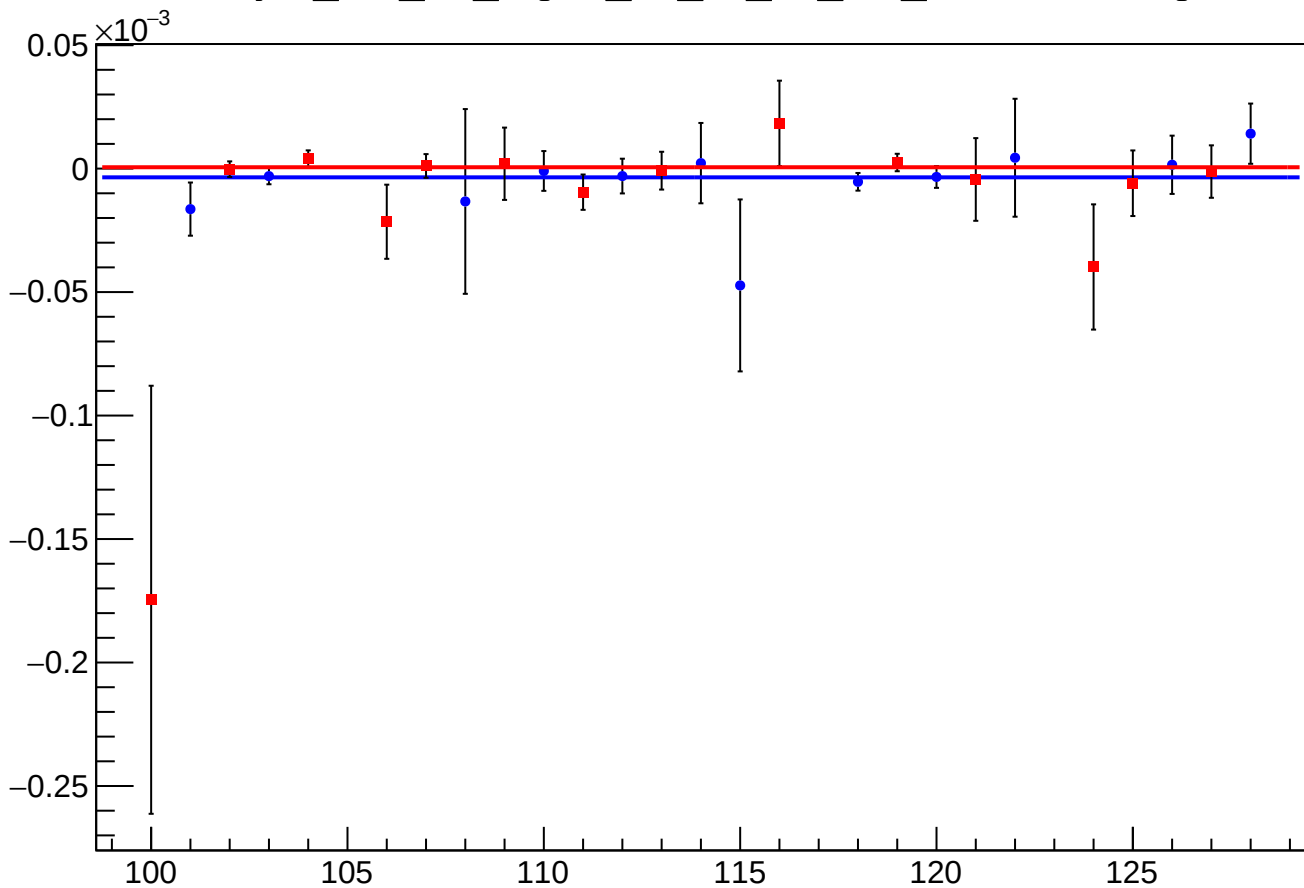
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.363+/-0.016 χ^2/NDF : 4825726.3/25

- 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 $\pm$ 0.000 χ^2 /NDF: 6.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.7/13

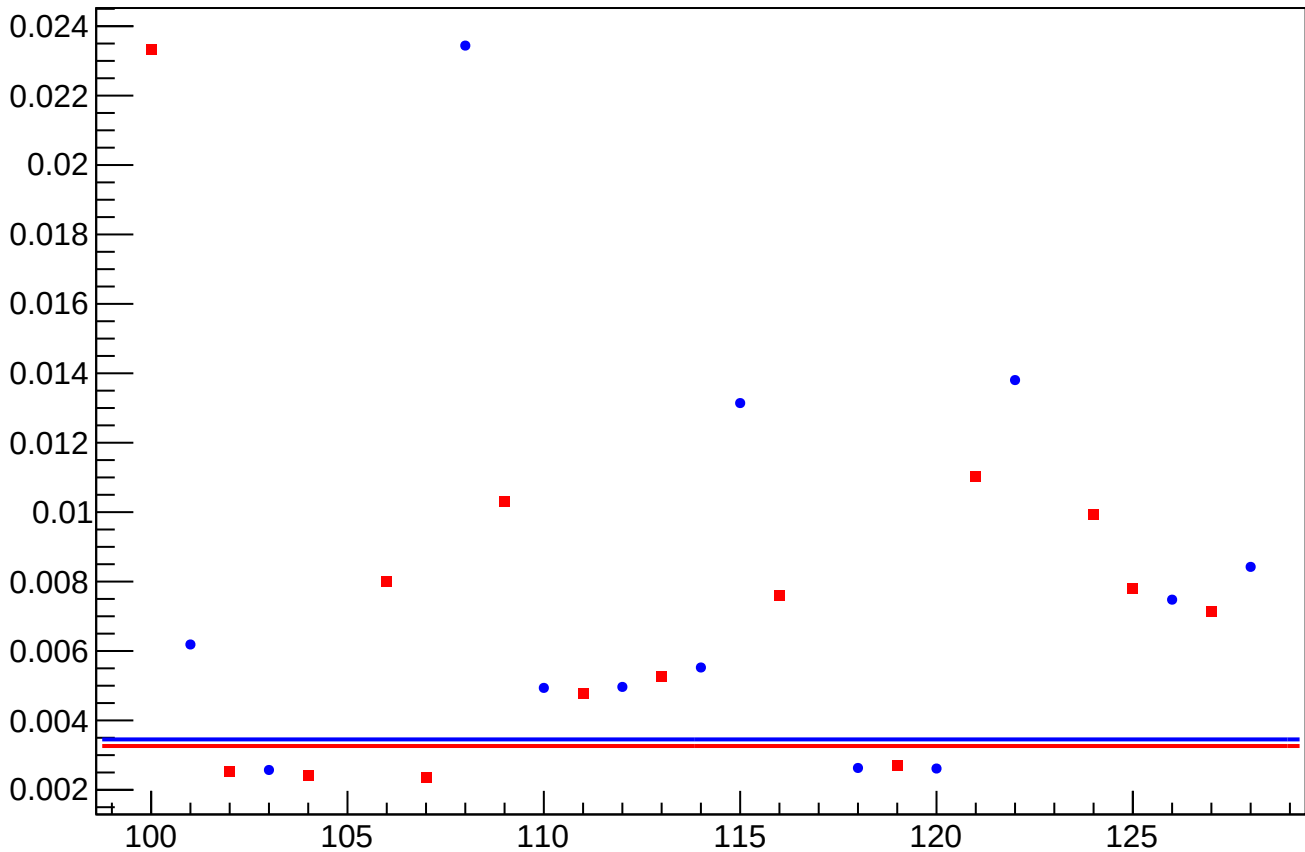
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 2308635.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2550887.4/13

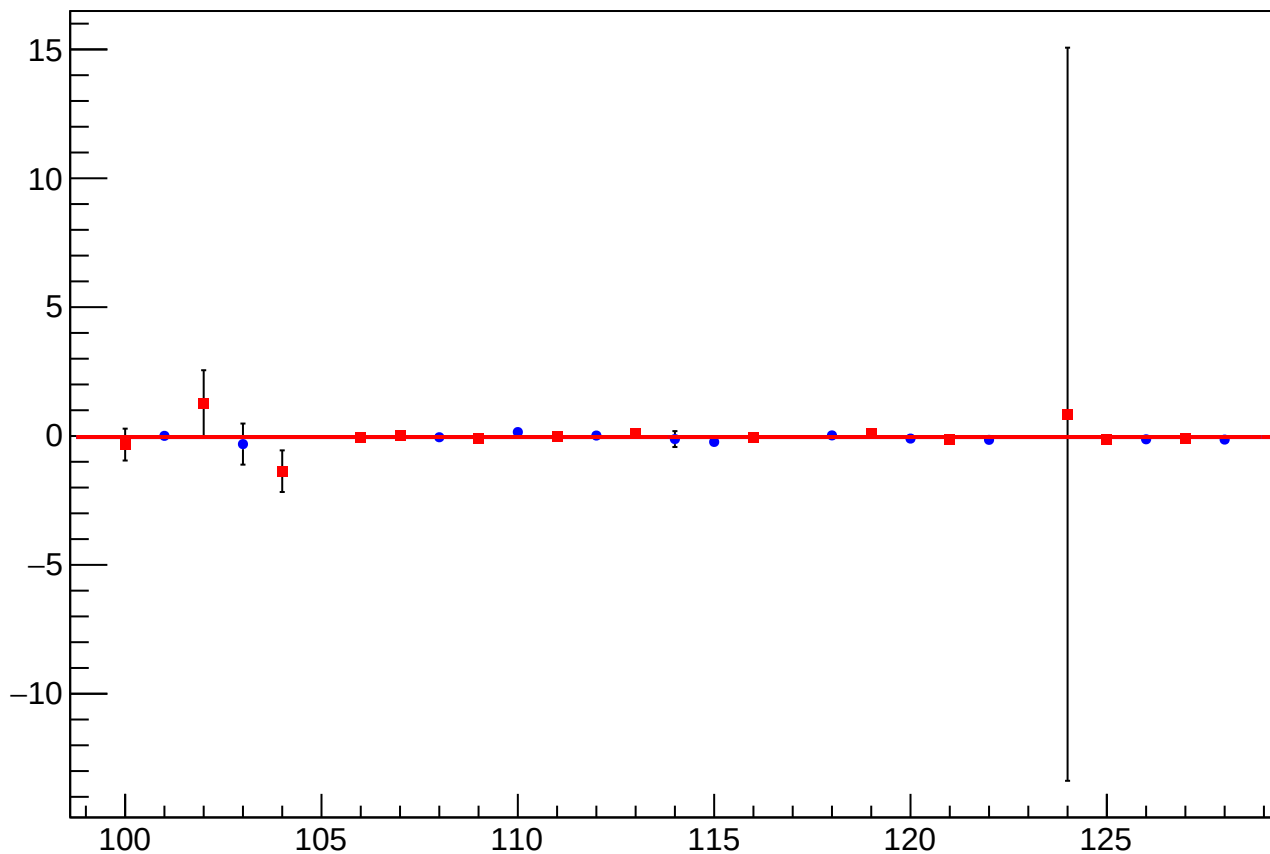
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4871398.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.040 ± 0.035 χ^2/NDF : 6.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.039 ± 0.030 χ^2/NDF : 10.5/13

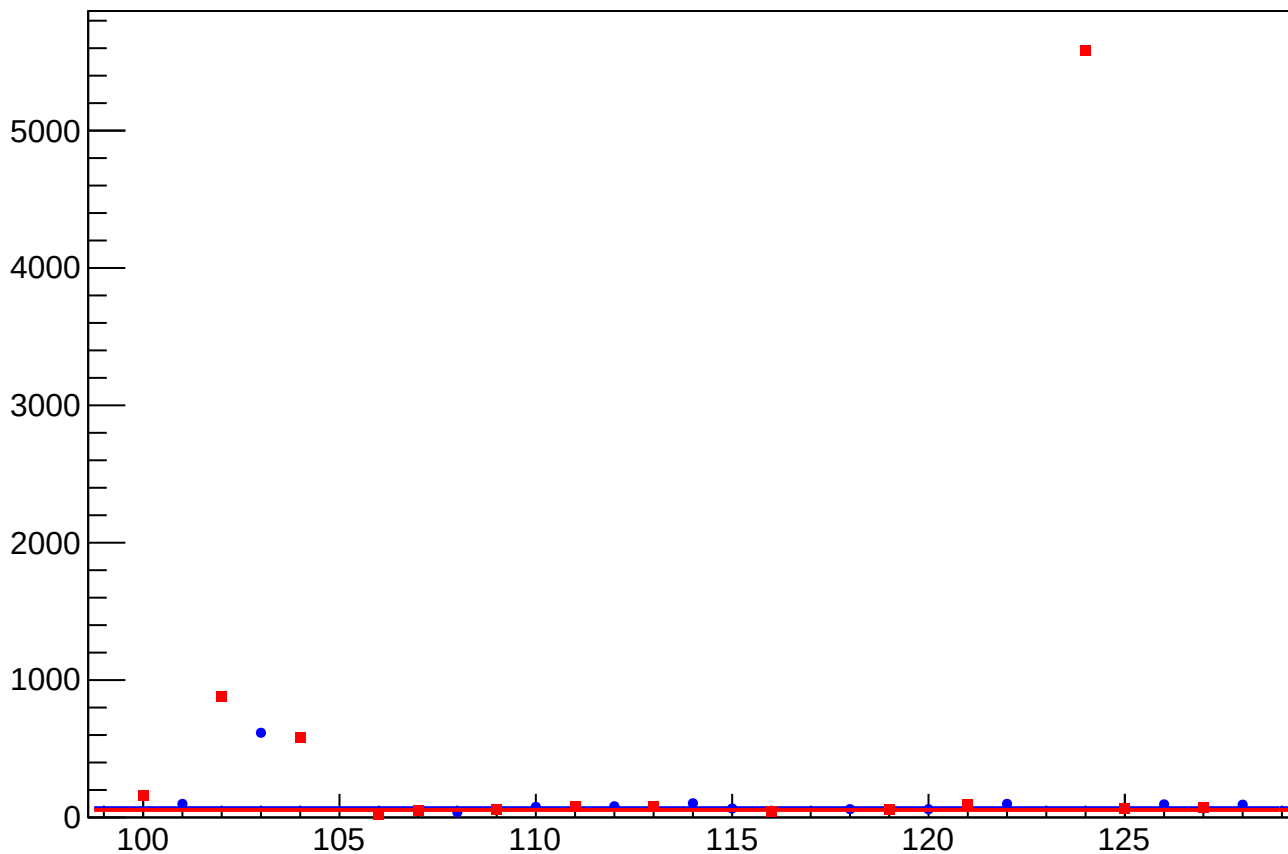
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.040 ± 0.023 χ^2/NDF : 16.6/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 67.348+/-0.025 χ^2/NDF : 1753597.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.031+/-0.021 χ^2/NDF : 2929135.2/13

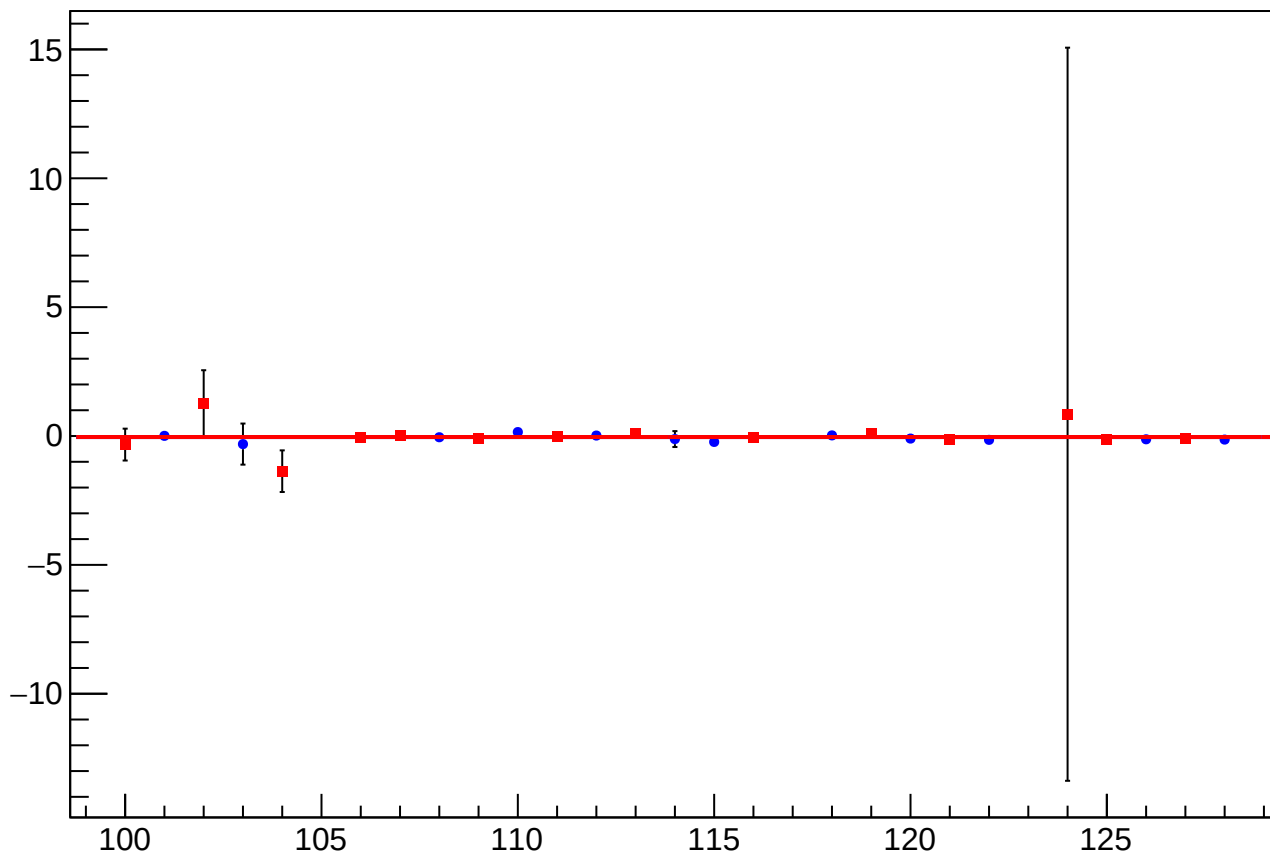
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.364+/-0.016 χ^2/NDF : 4825836.3/25

- 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: -0.040 ± 0.035 χ^2/NDF : 6.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.039 ± 0.030 χ^2/NDF : 10.5/13

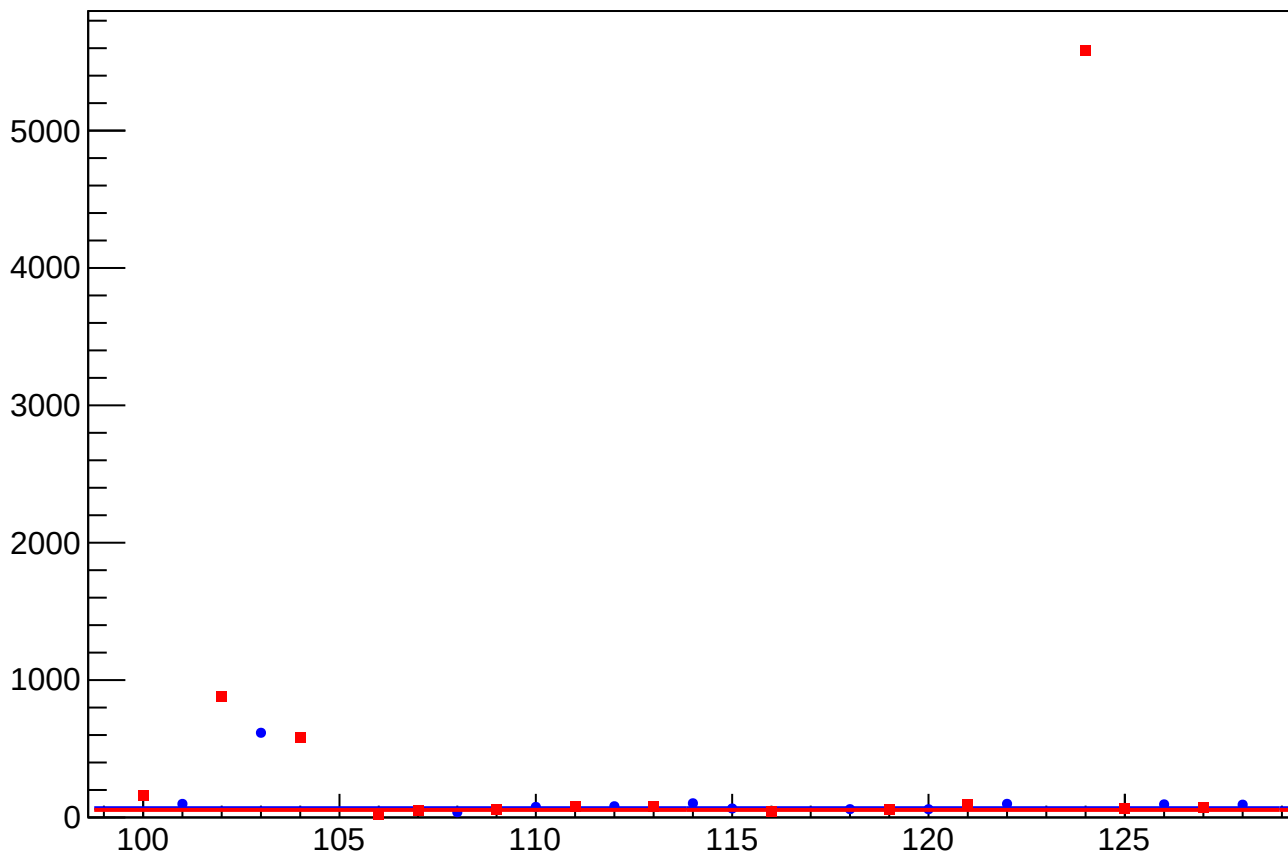
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.040 ± 0.023 χ^2/NDF : 16.6/25

- 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: 67.348+/-0.025 χ^2/NDF : 1753597.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.031+/-0.021 χ^2/NDF : 2929135.2/13

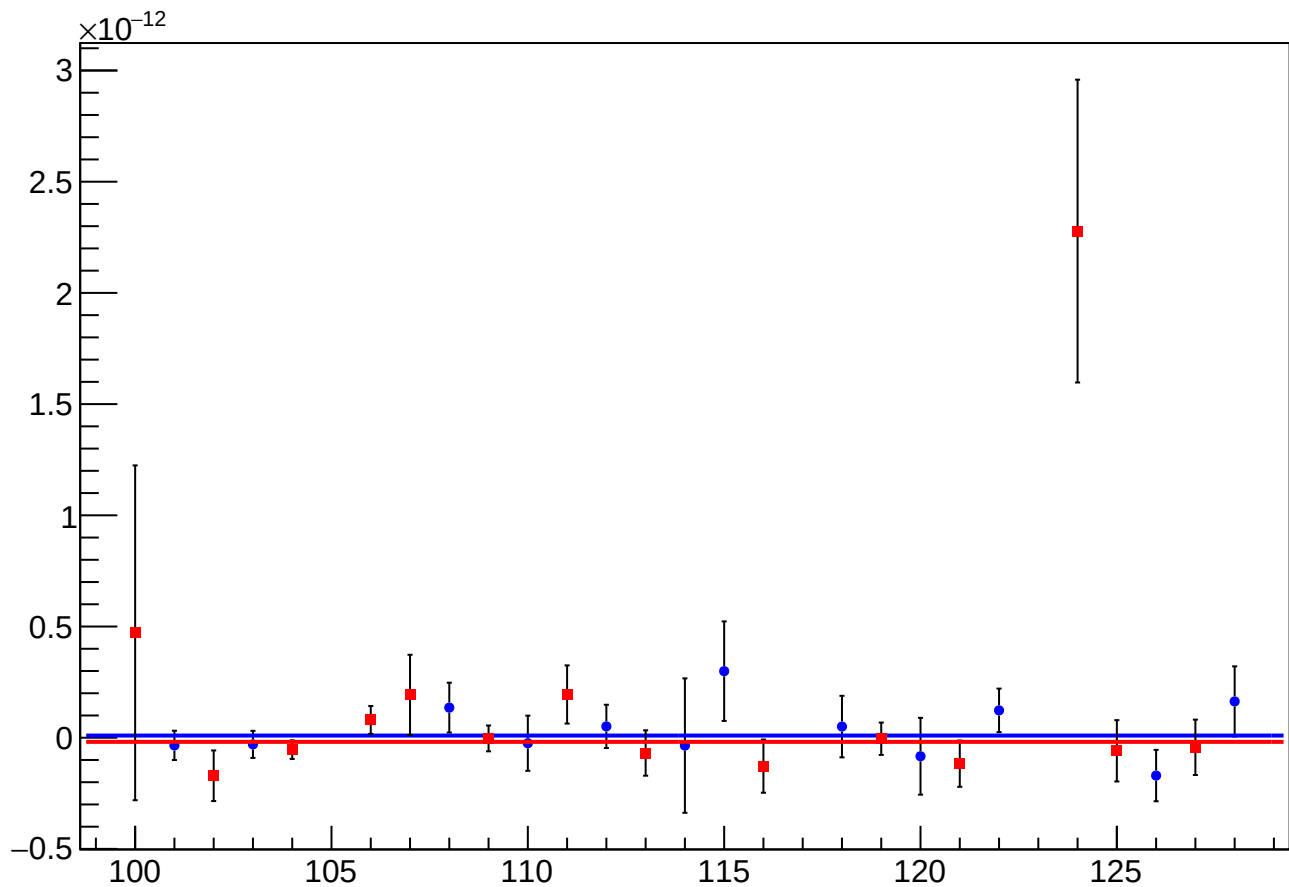
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.364+/-0.016 χ^2/NDF : 4825836.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 23.0/13

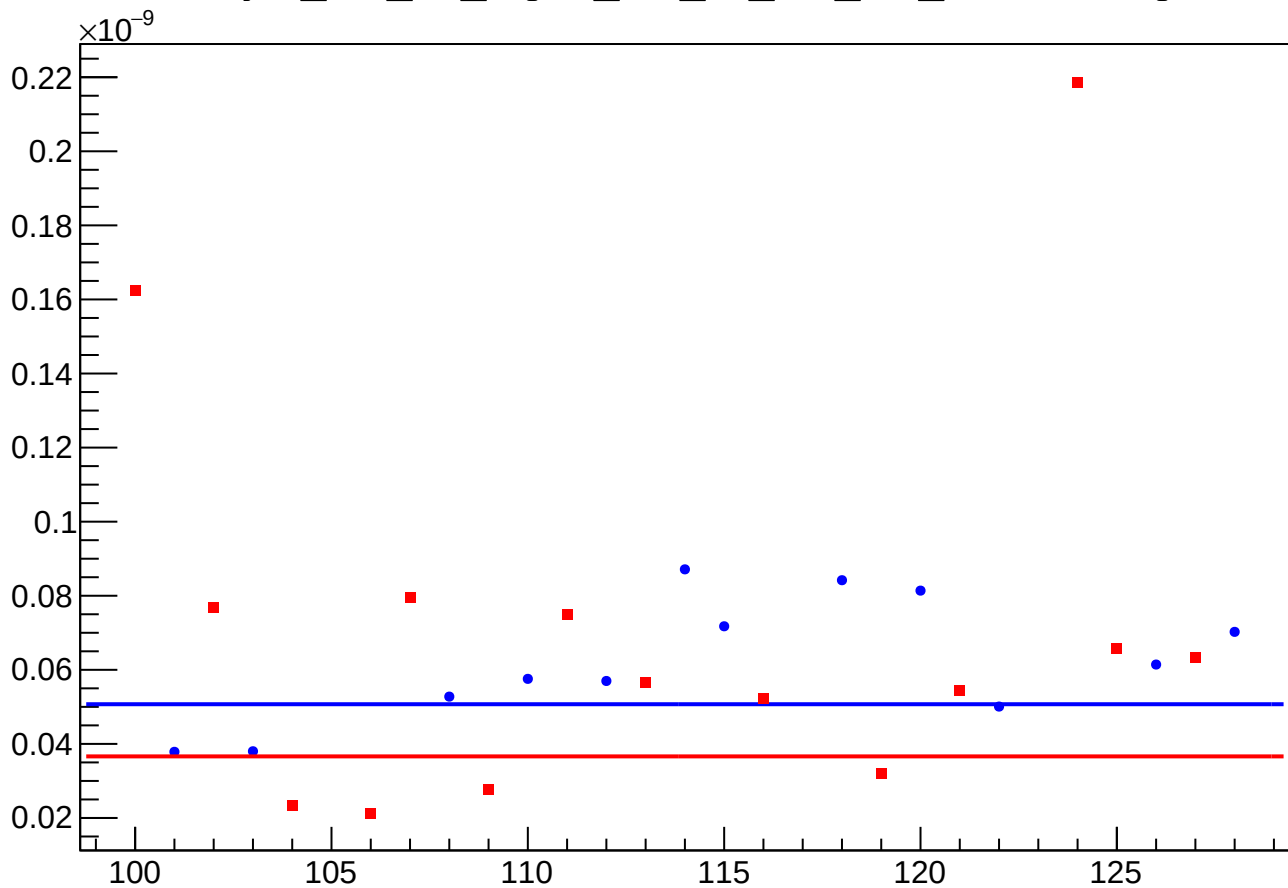
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 32.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 453265.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1465172.8/13

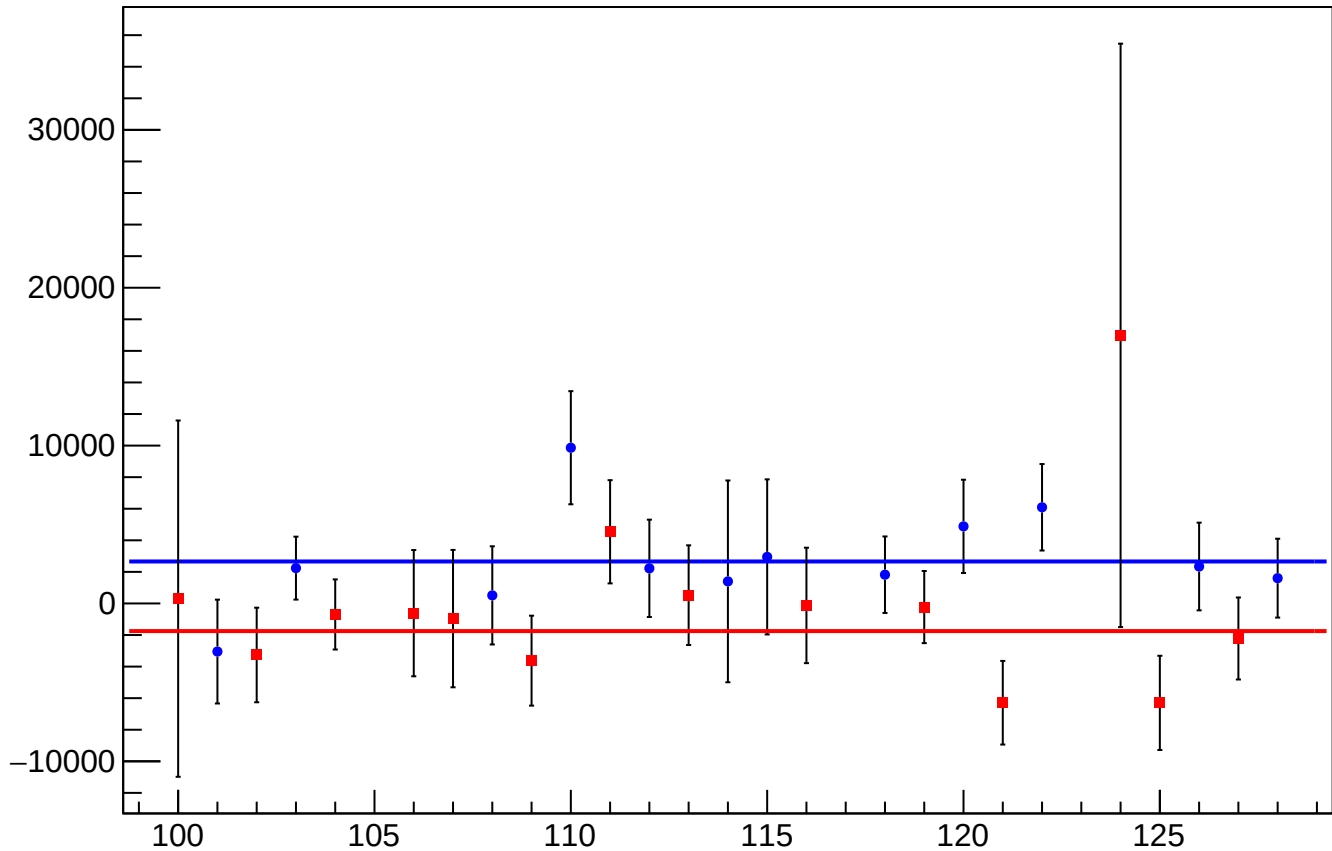
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2190669.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_avg_mean vs Slug



Right In: 2659.200+/-843.751 χ^2 /NDF: 10.1/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1750.214+/-837.240 χ^2 /NDF: 12.2/13

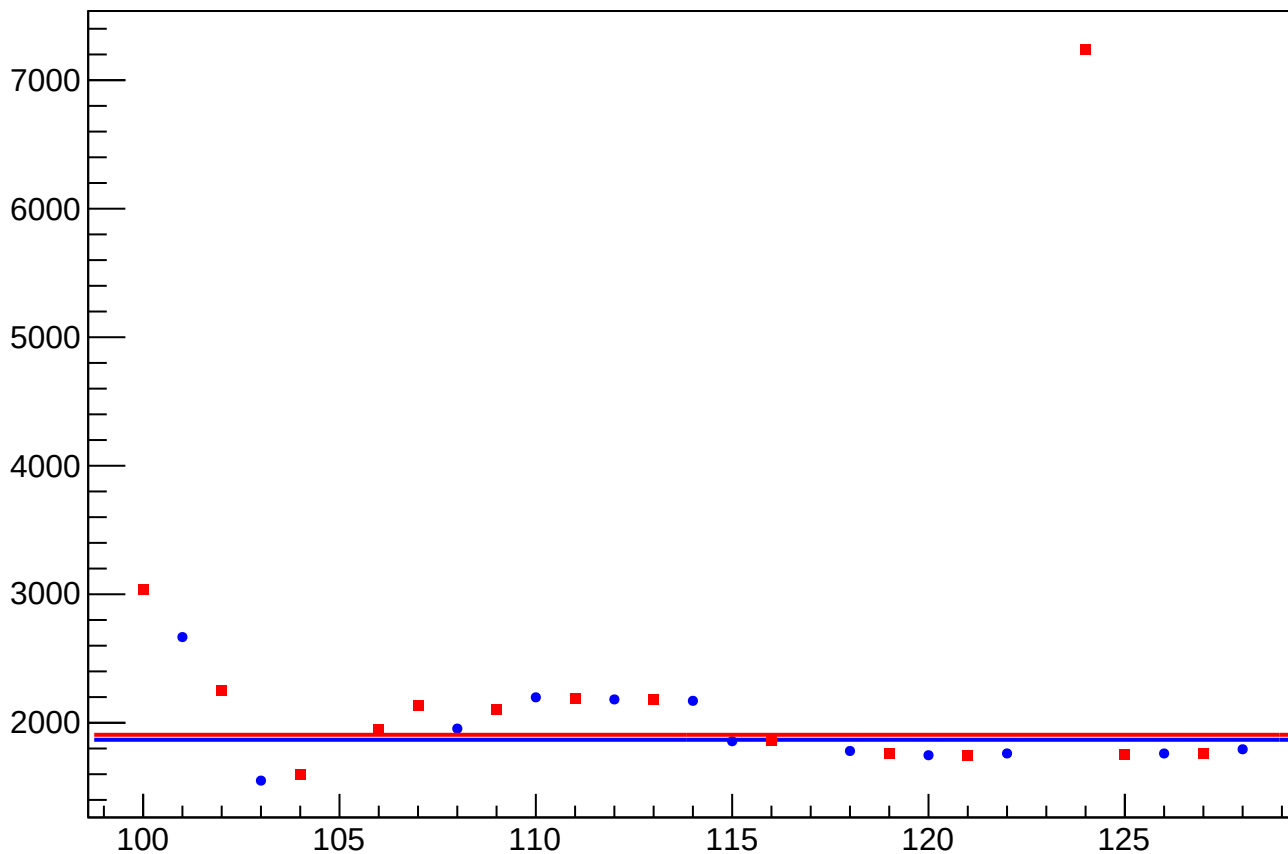
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 437.413+/-594.307 χ^2 /NDF: 36.1/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_avg_rms vs Slug



Right In: 1868.019+/-0.597 χ^2/NDF : 226277.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1906.754+/-0.590 χ^2/NDF : 323527.6/13

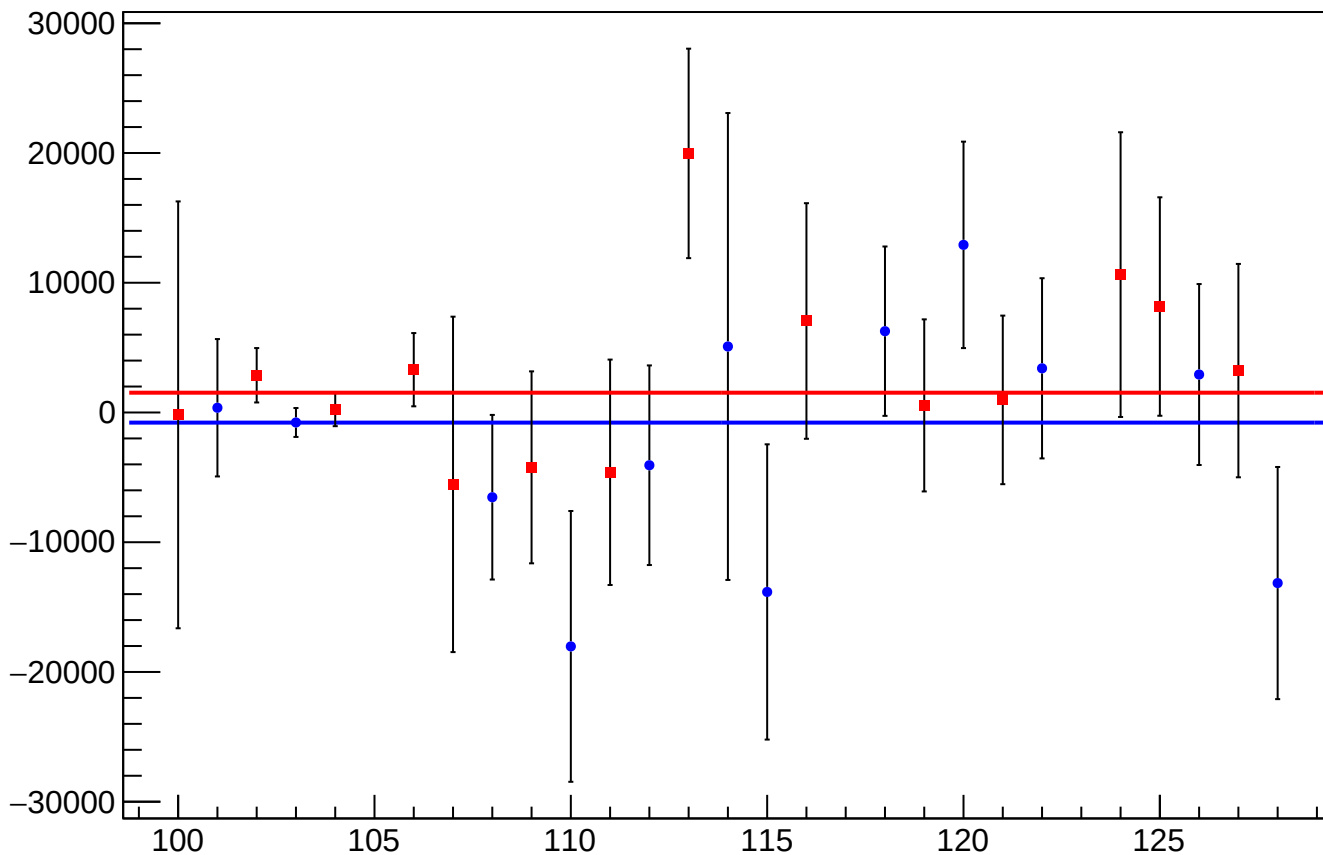
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1887.600+/-0.420 χ^2/NDF : 551935.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_reg_correction_mean vs Slug



Right In: -780.737+/-1002.150 χ^2/NDF : 11.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1525.364+/-944.931 χ^2/NDF : 10.2/13

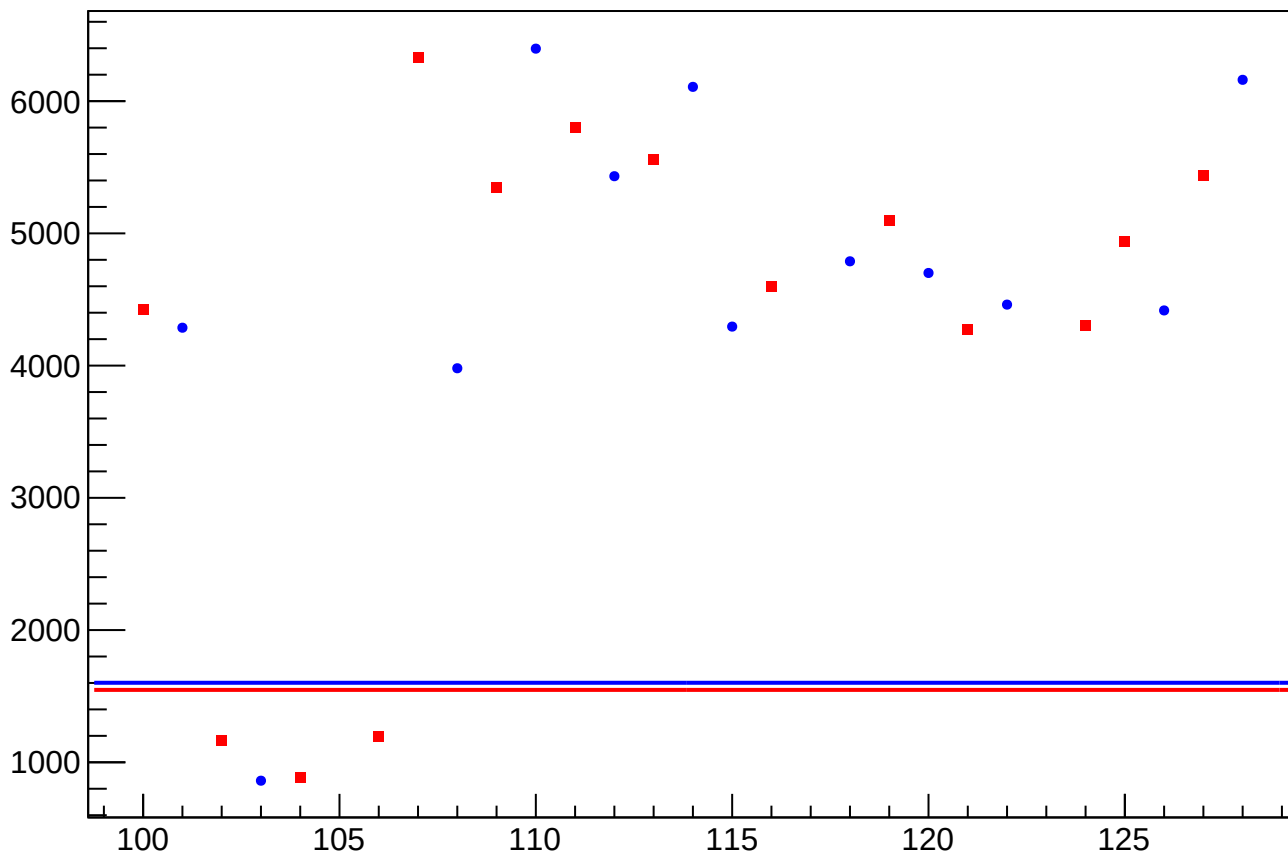
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 440.025+/-687.506 χ^2/NDF : 24.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_reg_correction_rms vs Slug



Right In: 1601.430+/-0.709 χ^2/NDF : 4799810.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

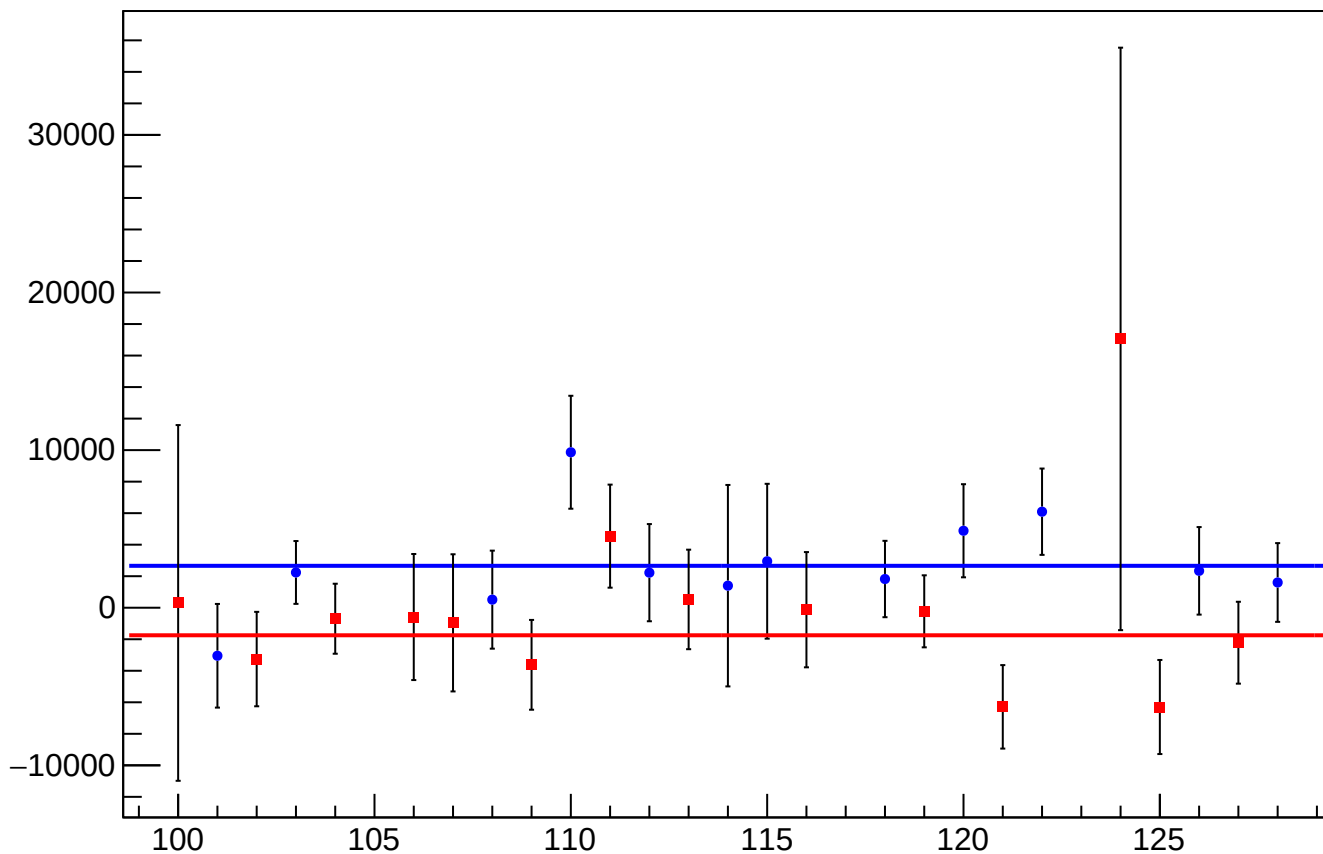
Right Out: 1547.513+/-0.668 χ^2/NDF : 4523025.7/13

All: 1572.888+/-0.486 χ^2/NDF : 9325901.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_avg_mean vs Slug



Right In: 2659.356 $\pm$ 843.751 χ^2 /NDF: 10.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1748.310 $\pm$ 837.242 χ^2 /NDF: 12.3/13

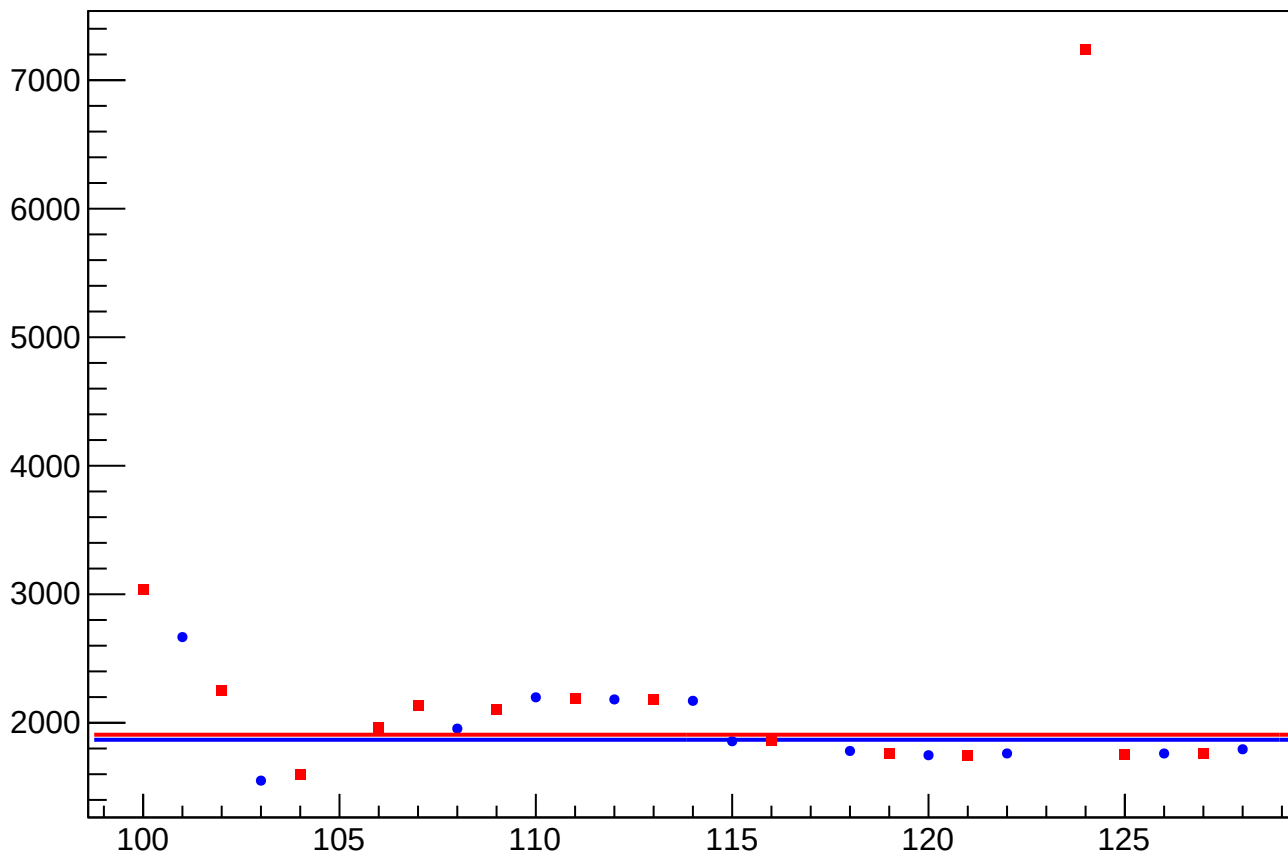
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 438.455 $\pm$ 594.308 χ^2 /NDF: 36.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl1r2_avg_rms vs Slug



Right In: 1868.019+/-0.597 χ^2/NDF : 226277.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1907.405+/-0.590 χ^2/NDF : 323712.1/13

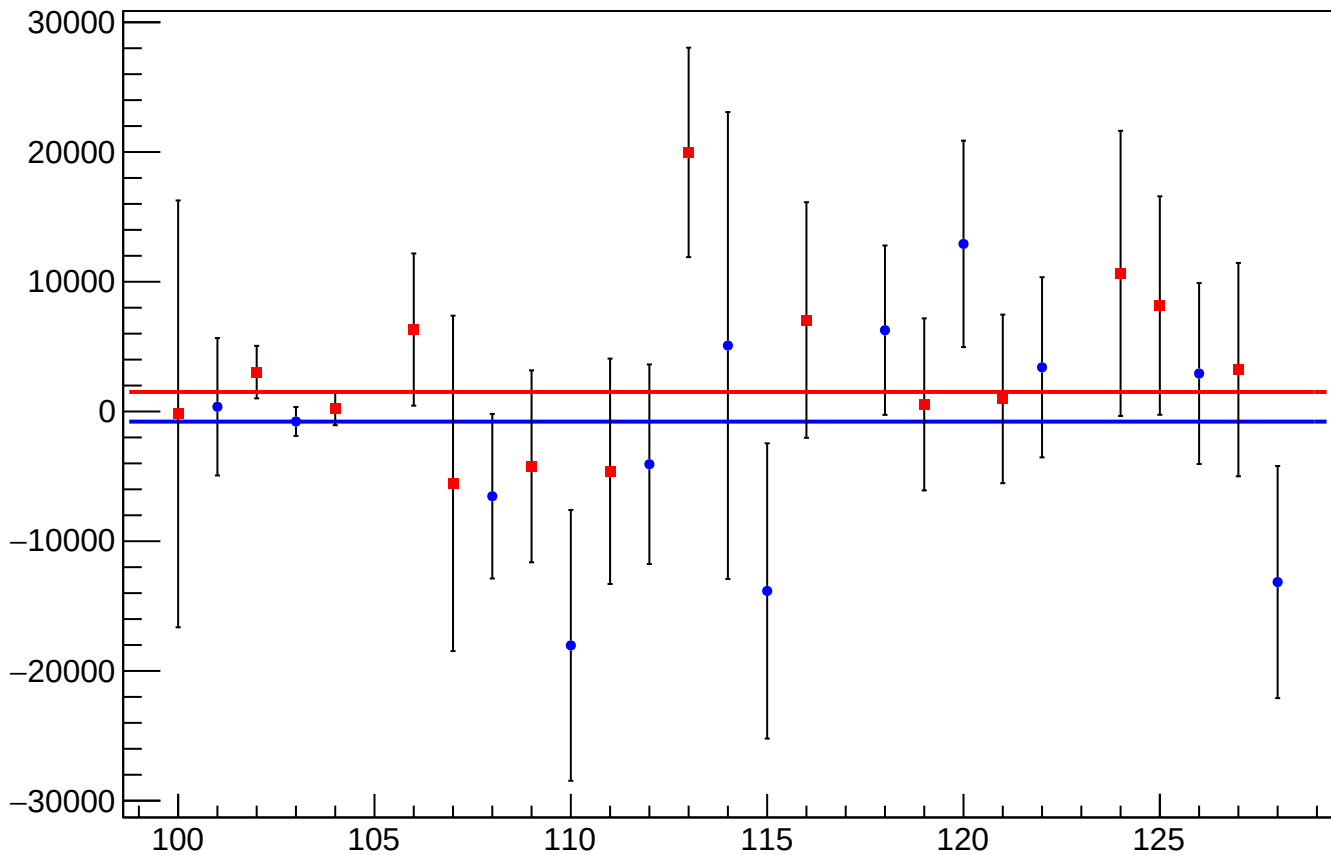
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1887.923+/-0.420 χ^2/NDF : 552191.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_cor_correction_mean vs Slug



Right In: -780.220+/-1002.091 χ^2/NDF : 11.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1505.660+/-980.452 χ^2/NDF : 10.7/13

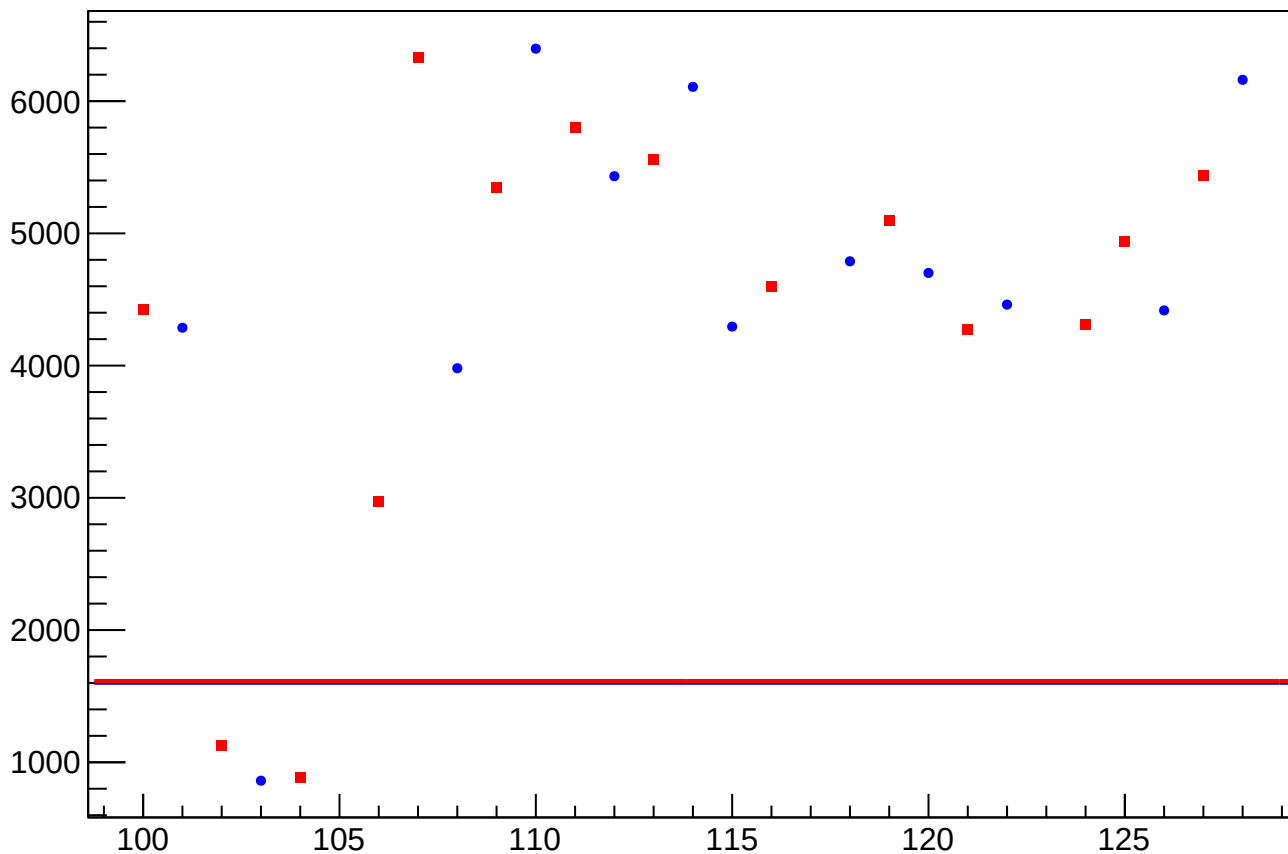
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 387.666+/-700.809 χ^2/NDF : 25.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_cor_correction_rms vs Slug



Right In: 1601.295+/-0.709 χ^2/NDF : 4800078.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1614.955+/-0.693 χ^2/NDF : 4619277.6/13

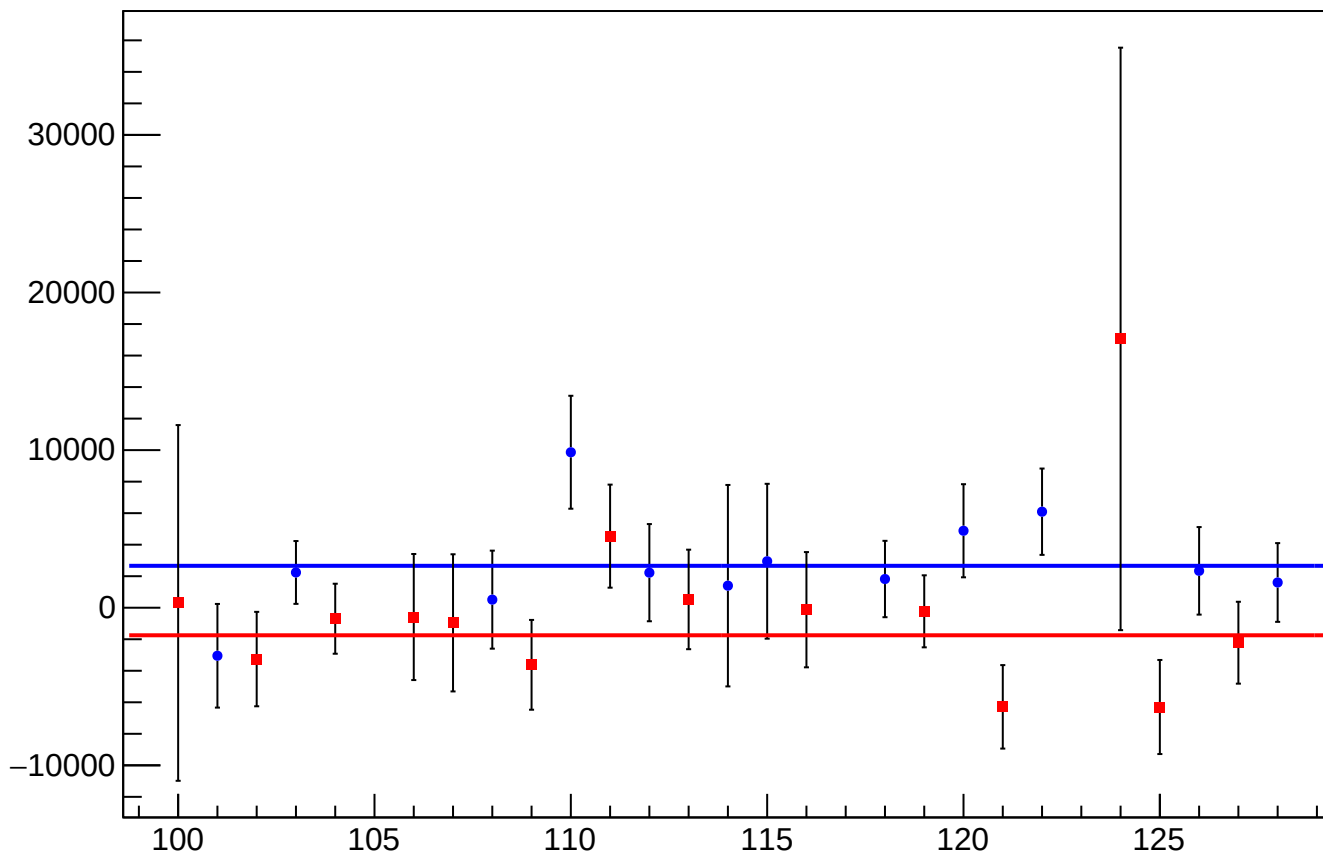
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1608.274+/-0.496 χ^2/NDF : 9419546.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_avg_mean vs Slug



Right In: 2659.356+/-843.751 χ^2 /NDF: 10.1/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1748.310+/-837.242 χ^2 /NDF: 12.3/13

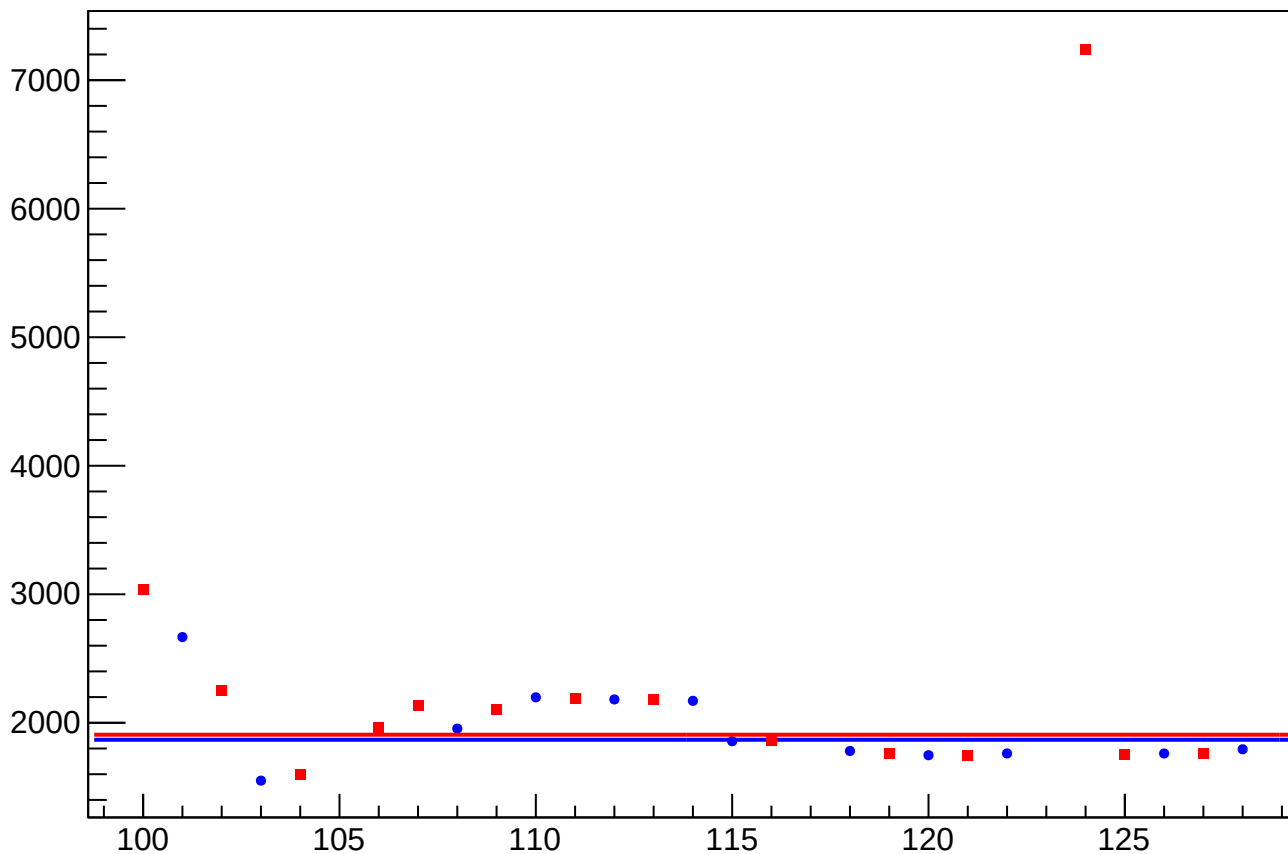
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 438.455+/-594.308 χ^2 /NDF: 36.1/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl1r2_avg_rms vs Slug



Right In: 1868.019+/-0.597 χ^2/NDF : 226277.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1907.405+/-0.590 χ^2/NDF : 323712.1/13

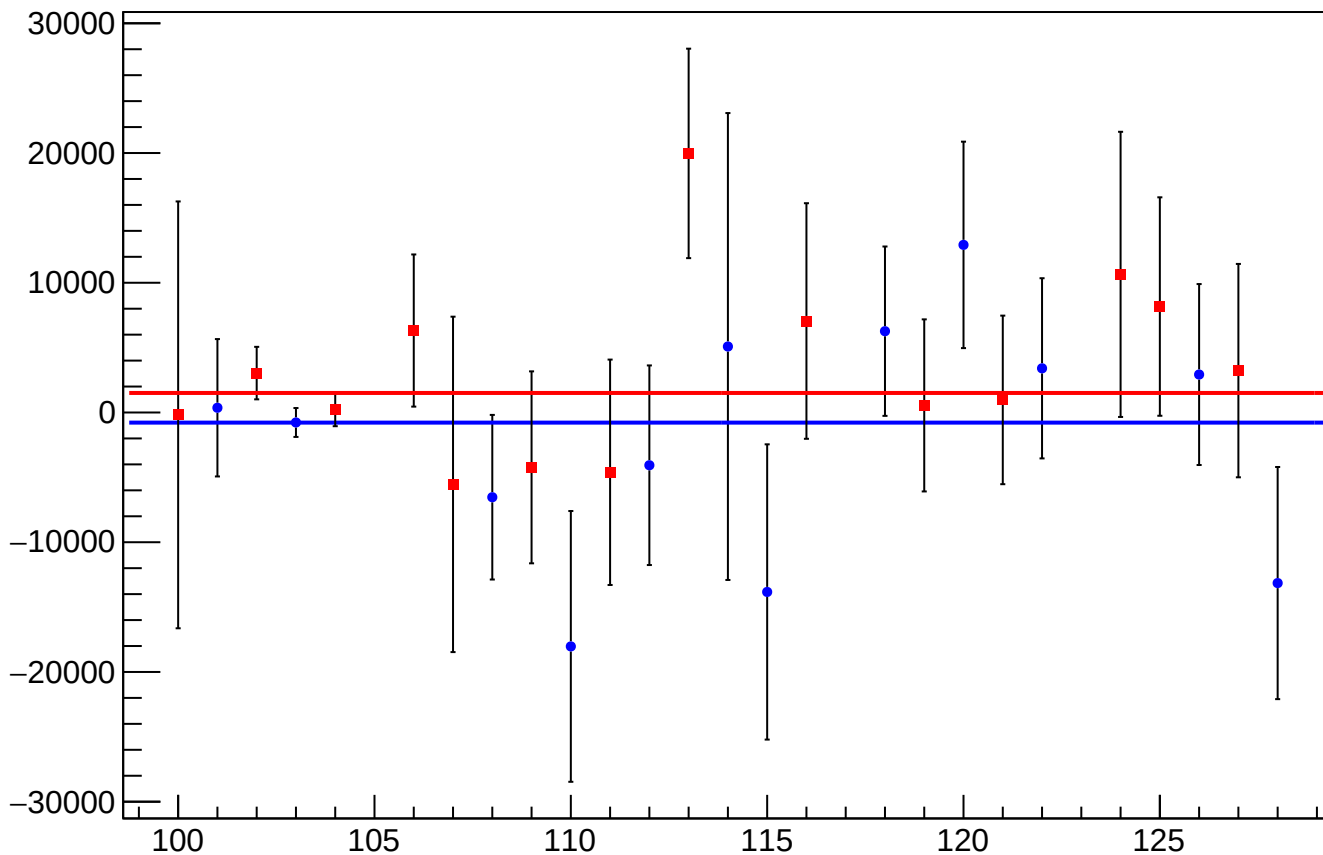
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1887.923+/-0.420 χ^2/NDF : 552191.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_cor_correction_mean vs Slug



Right In: -780.220+/-1002.091 χ^2/NDF : 11.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1505.660+/-980.452 χ^2/NDF : 10.7/13

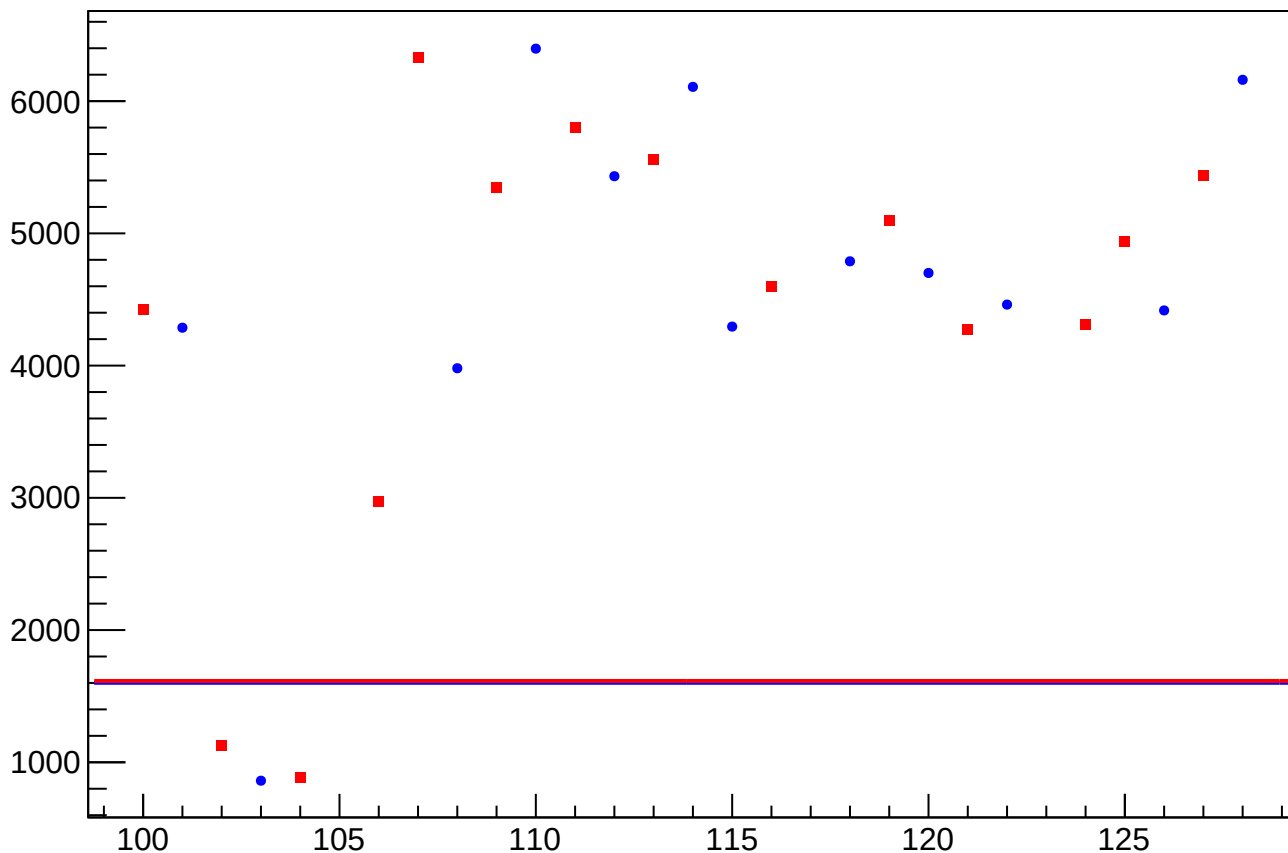
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 387.666+/-700.809 χ^2/NDF : 25.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_cor_correction_rms vs Slug



Right In: 1601.295+/-0.709 χ^2/NDF : 4800078.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

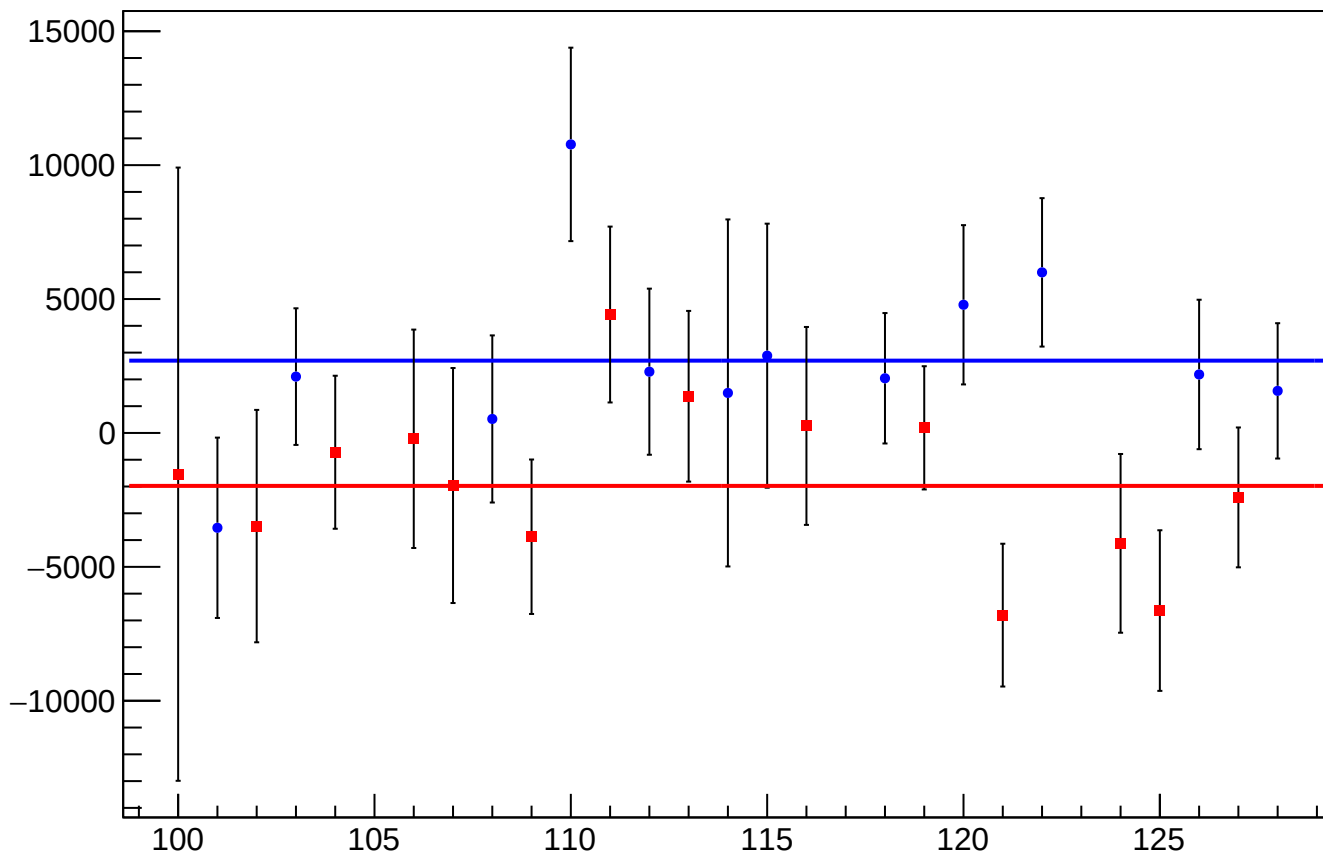
Right Out: 1614.955+/-0.693 χ^2/NDF : 4619277.6/13

All: 1608.274+/-0.496 χ^2/NDF : 9419546.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_avg_mean vs Slug



Right In: 2700.164 $\pm$ 881.385 χ^2 /NDF: 11.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1976.845 $\pm$ 858.328 χ^2 /NDF: 13.2/13

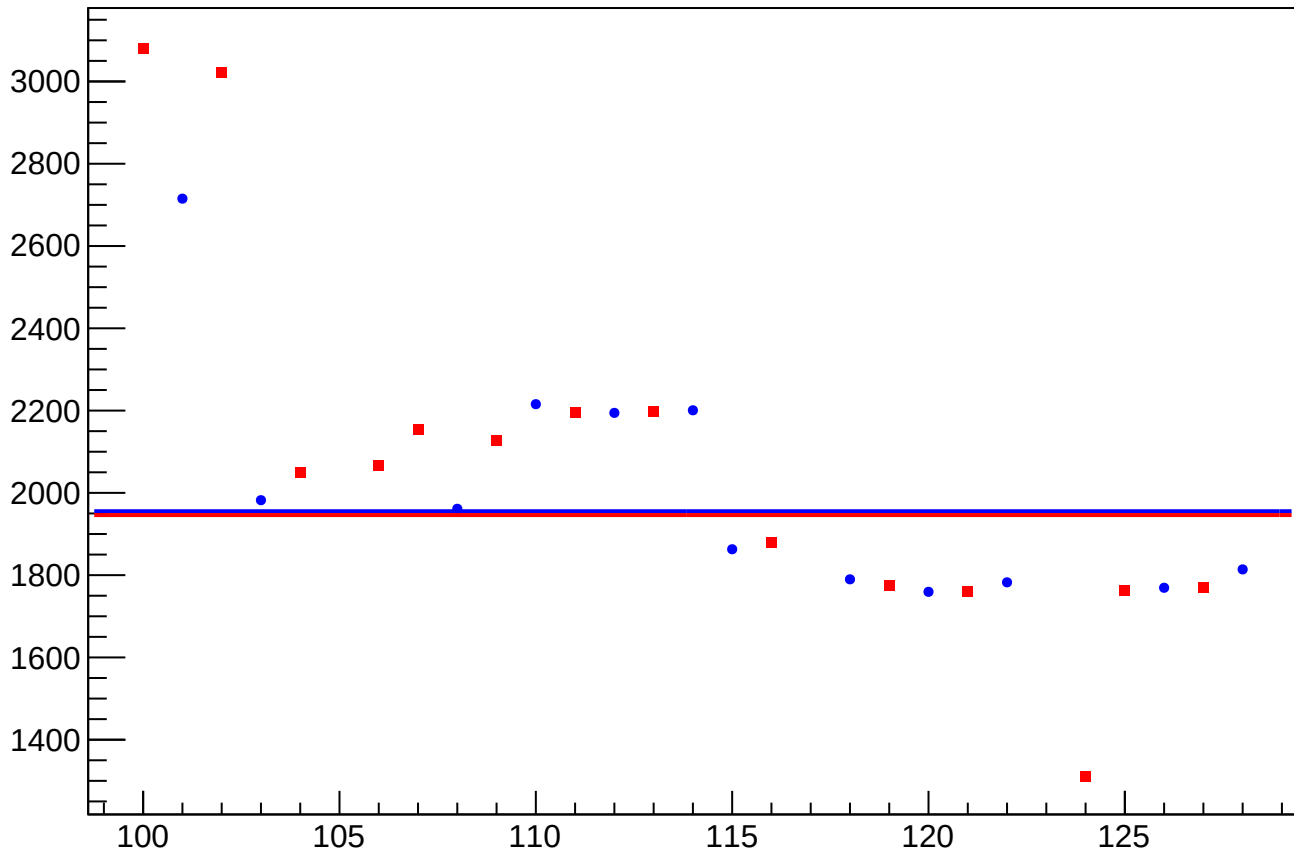
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 299.682 $\pm$ 614.919 χ^2 /NDF: 38.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl1r2_avg_rms vs Slug



Right In: 1955.367+/-0.623 χ^2/NDF : 168747.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1946.044+/-0.606 χ^2/NDF : 294081.8/13

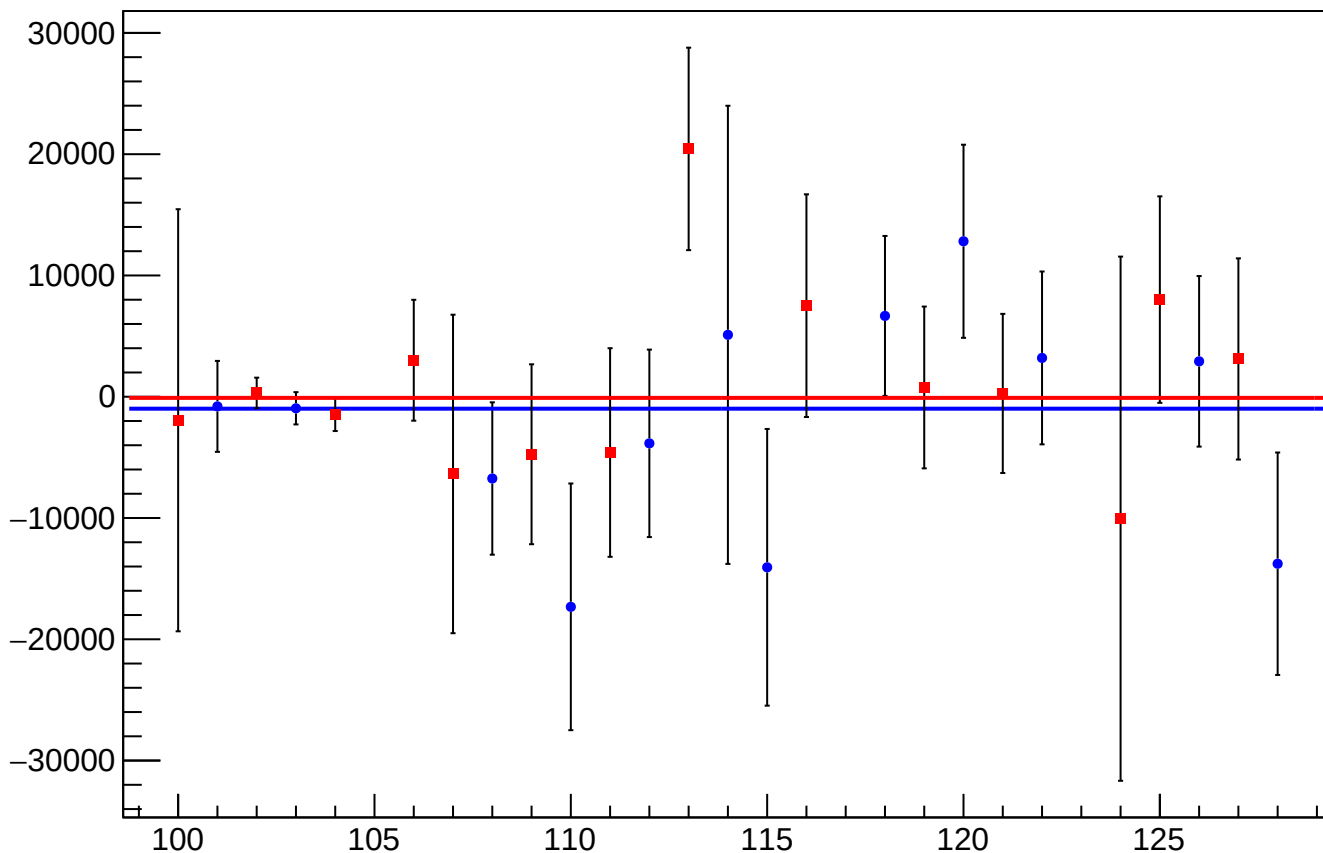
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1950.577+/-0.435 χ^2/NDF : 462944.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_dit_correction_mean vs Slug



Right In: -985.514+/-1125.848 χ^2/NDF : 11.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -93.626+/-857.016 χ^2/NDF : 10.5/13

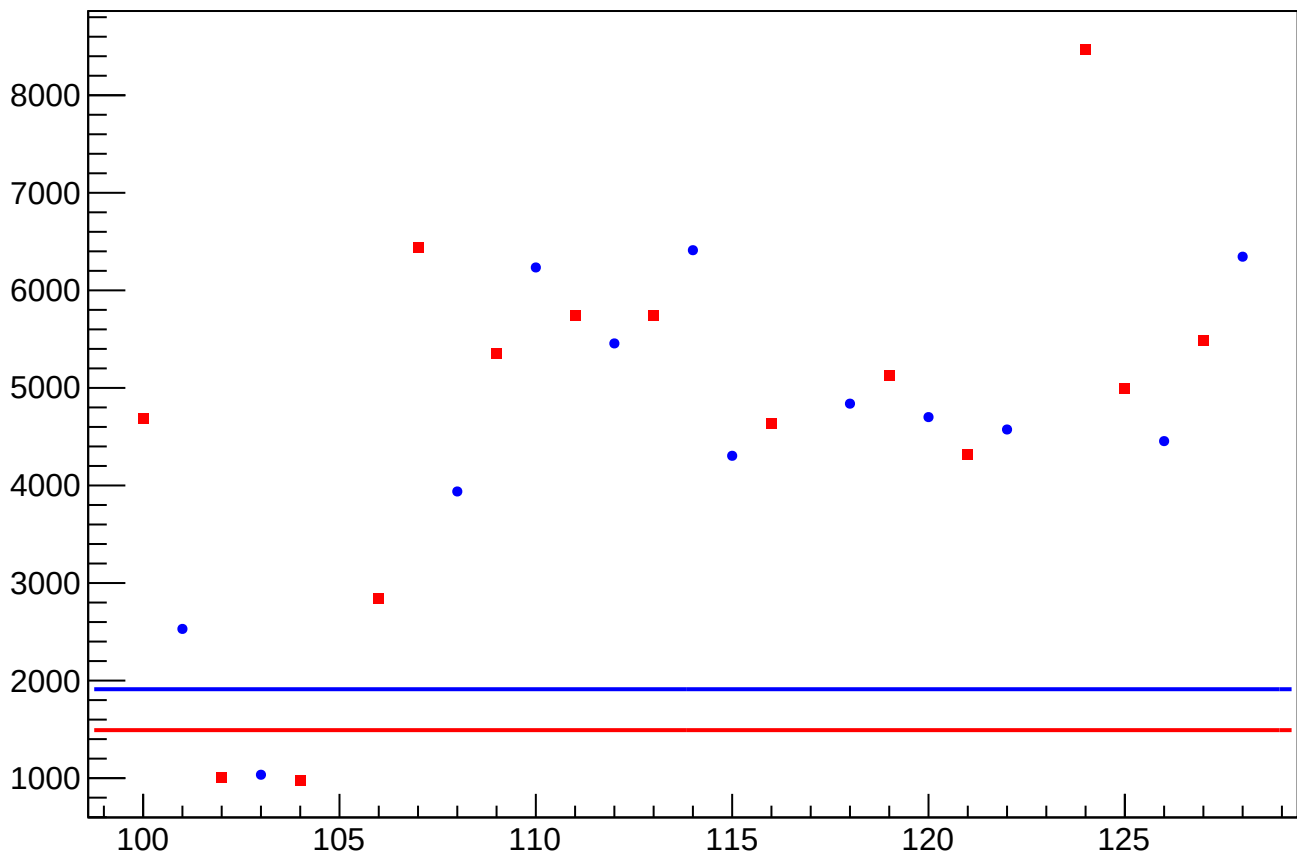
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -420.832+/-681.923 χ^2/NDF : 22.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_dit_correction_rms vs Slug



Right In: 1911.541+/-0.796 χ^2/NDF : 3762425.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

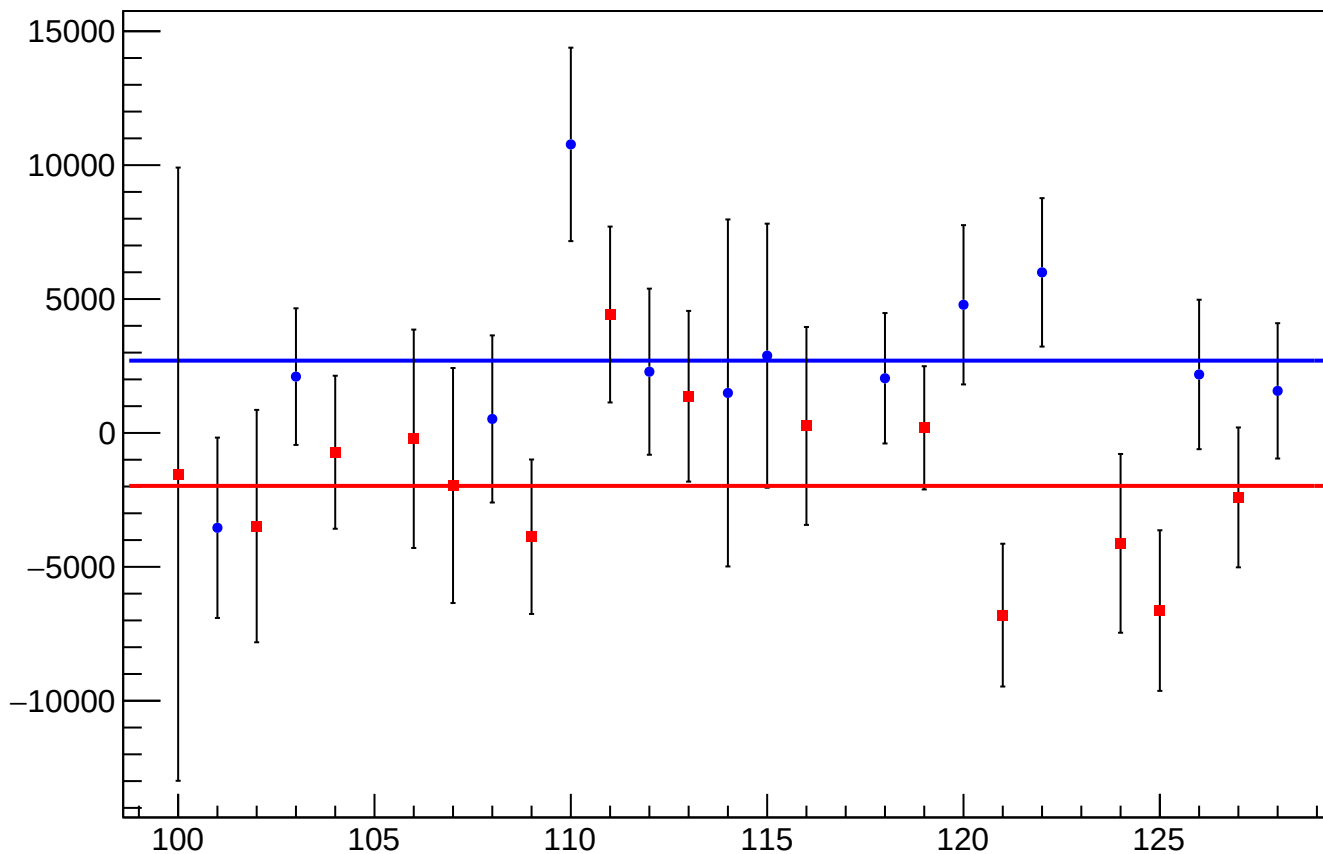
Right Out: 1492.074+/-0.606 χ^2/NDF : 4845576.5/13

All: 1645.964+/-0.482 χ^2/NDF : 8783778.5/25

- 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: 2700.163+/-881.385 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1976.851+/-858.327 χ^2/NDF : 13.2/13

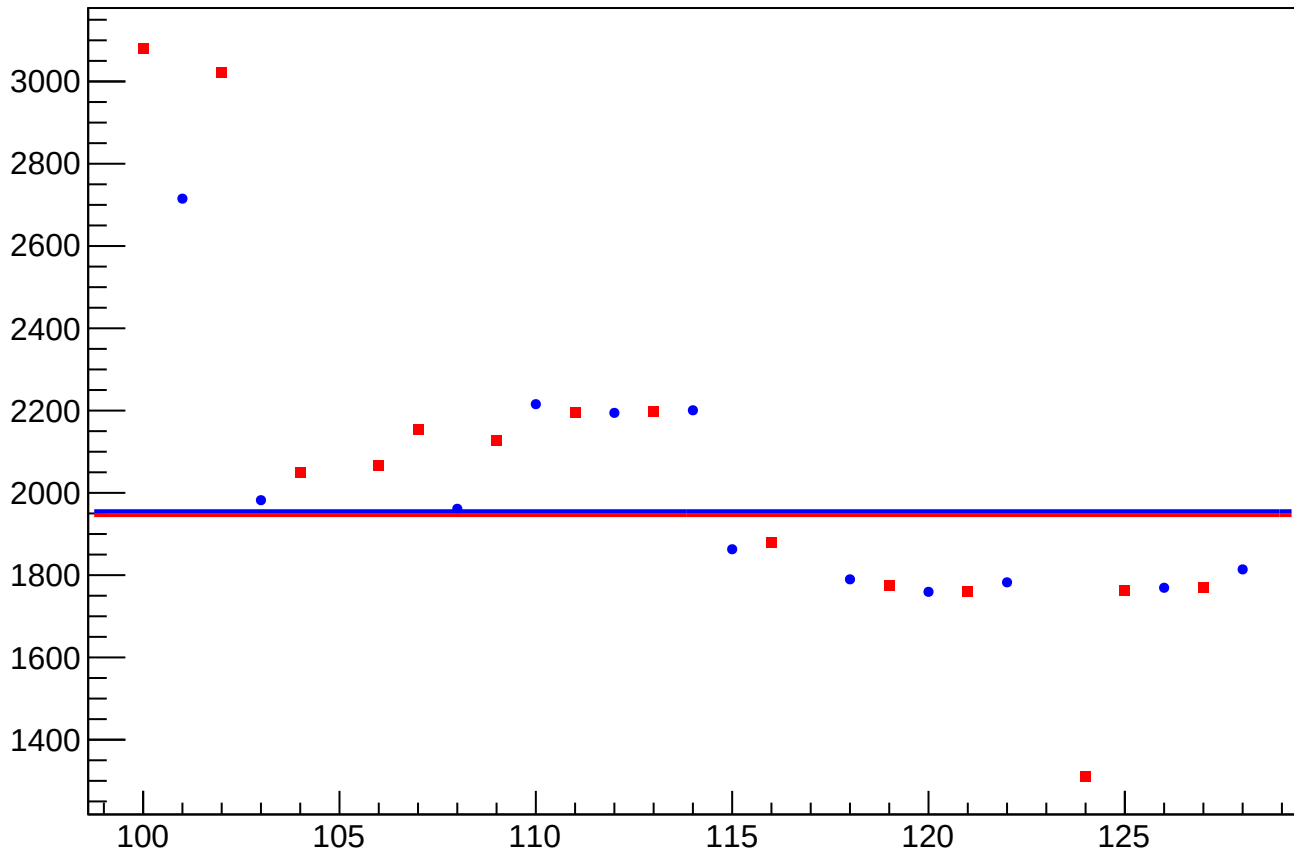
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 299.679+/-614.919 χ^2/NDF : 38.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_avg_rms vs Slug



Right In: 1955.367+/-0.623 χ^2/NDF : 168747.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1946.043+/-0.606 χ^2/NDF : 294081.1/13

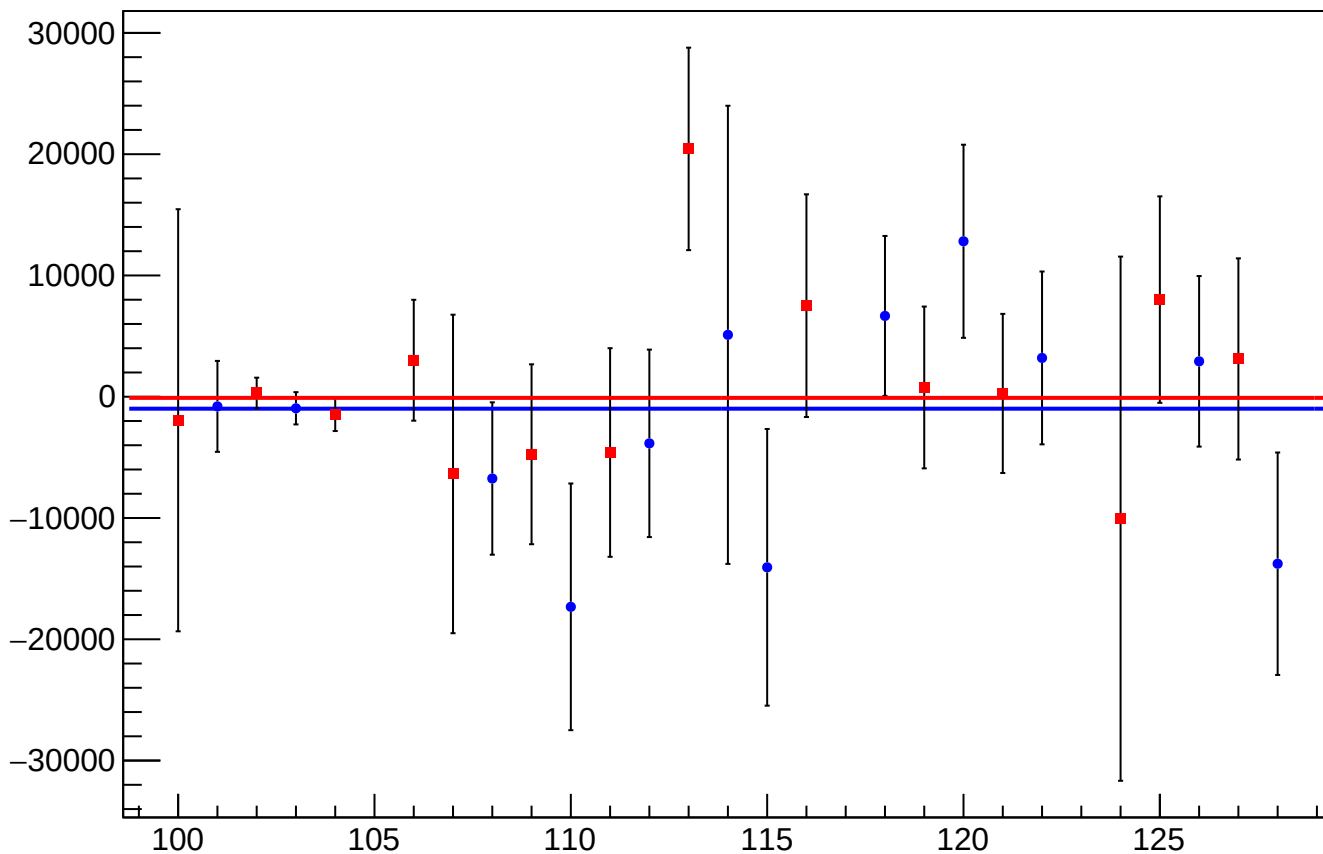
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1950.576+/-0.435 χ^2/NDF : 462943.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_correction_mean vs Slug



Right In: -985.516+/-1125.847 χ^2/NDF : 11.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -93.620+/-857.015 χ^2/NDF : 10.5/13

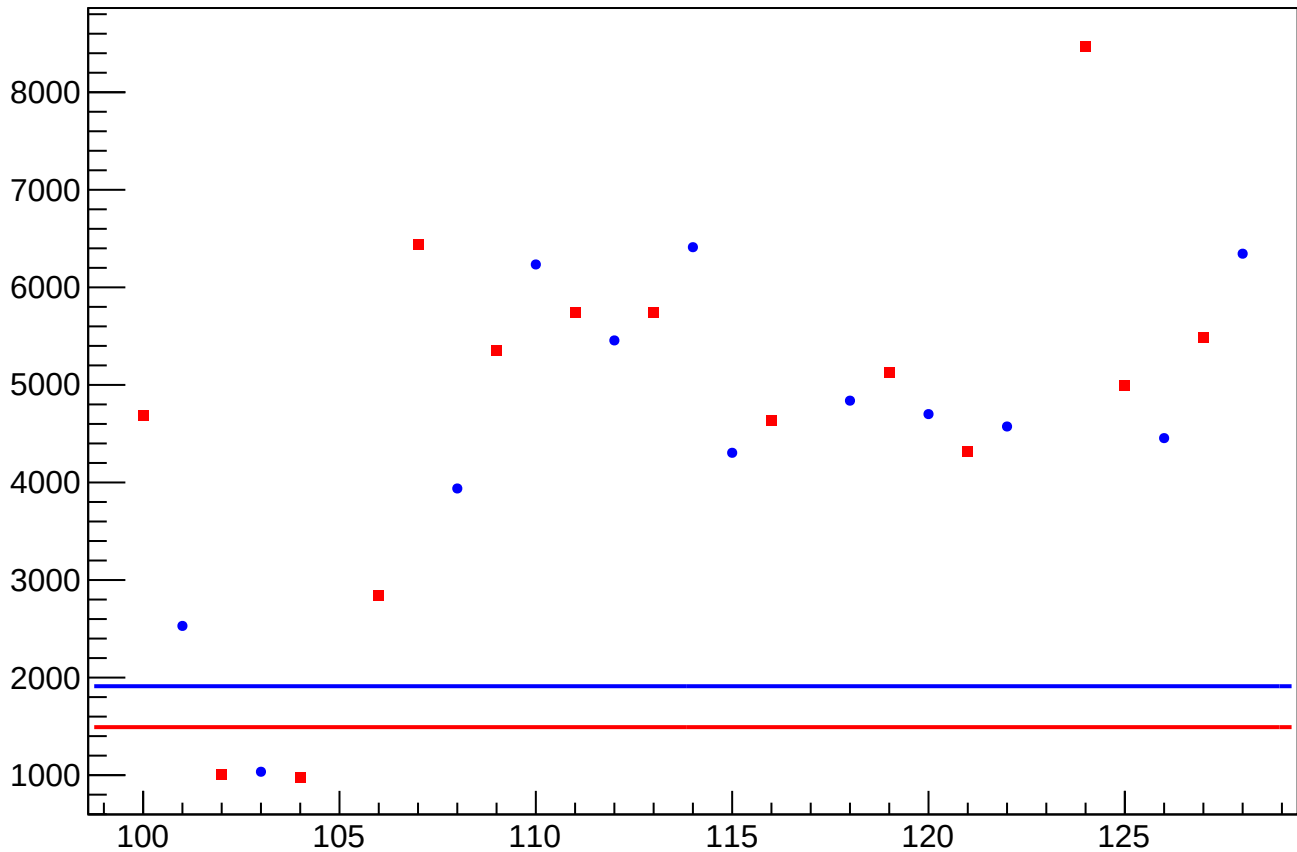
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -420.830+/-681.923 χ^2/NDF : 22.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_correction_rms vs Slug



Right In: 1911.541+/-0.796 χ^2/NDF : 3762417.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1492.074+/-0.606 χ^2/NDF : 4845569.3/13

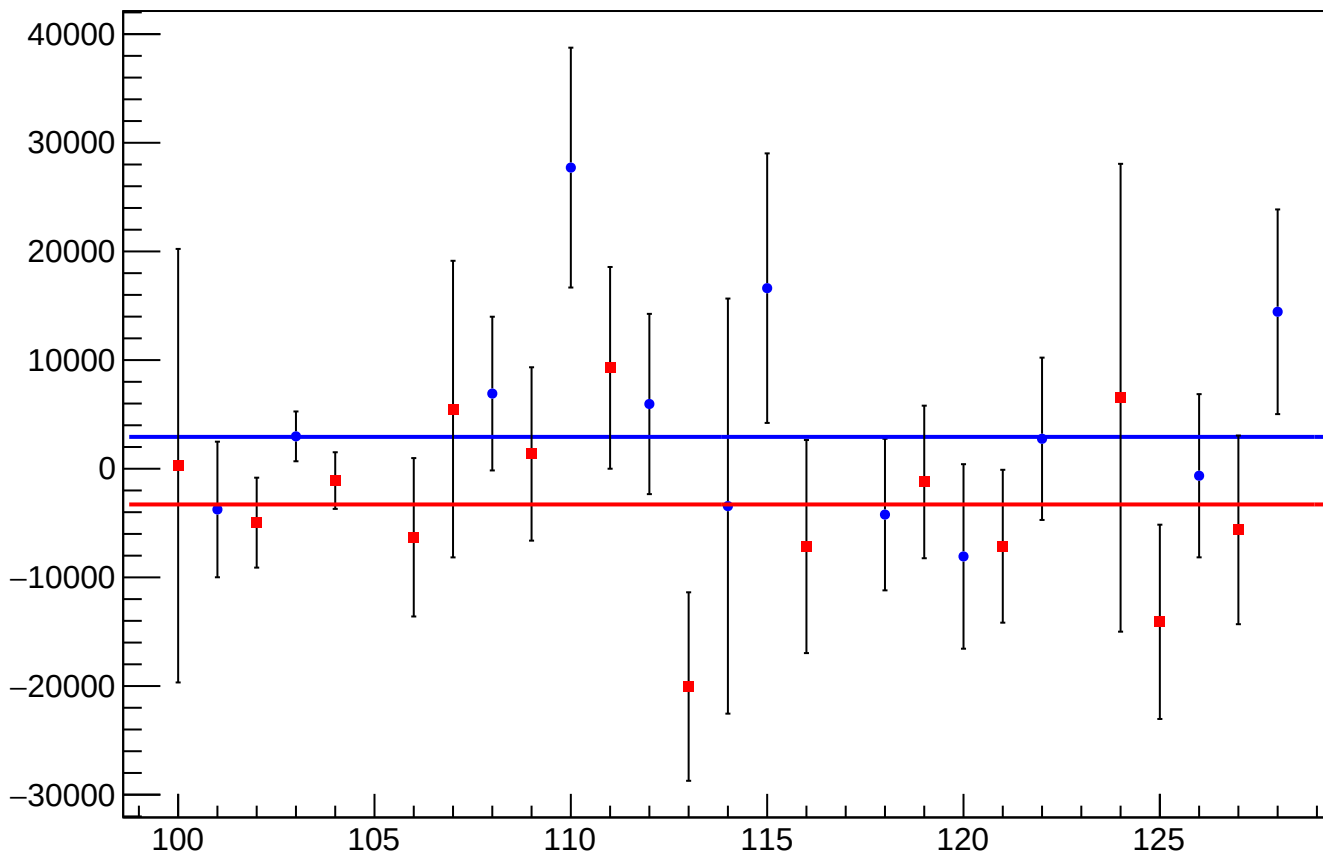
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1645.964+/-0.482 χ^2/NDF : 8783763.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_mean vs Slug



Right In: 2931.034+/-1691.865 χ^2/NDF : 12.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3287.341+/-1686.268 χ^2/NDF : 9.7/13

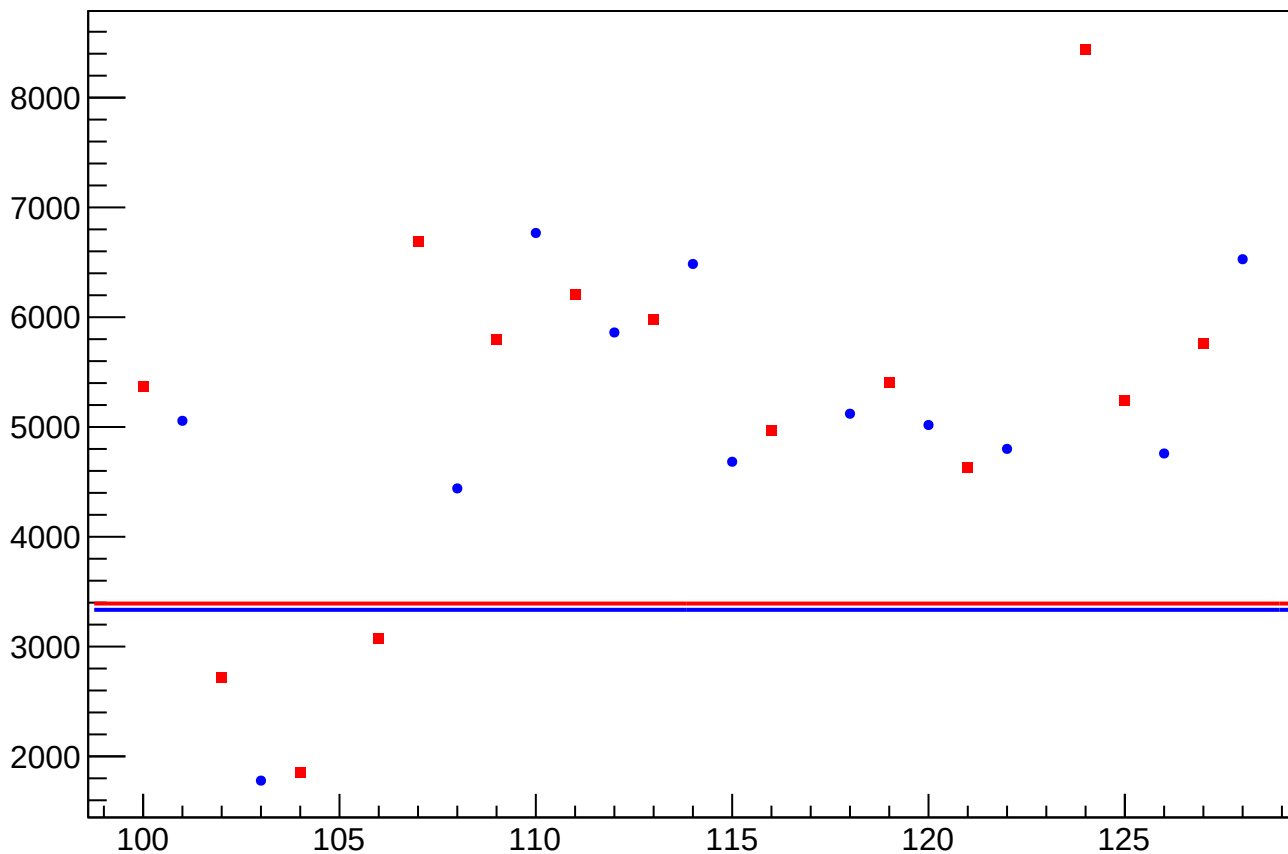
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -188.457+/-1194.345 χ^2/NDF : 28.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_rms vs Slug



Right In: 3334.752+/-1.196 χ^2/NDF : 2168024.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

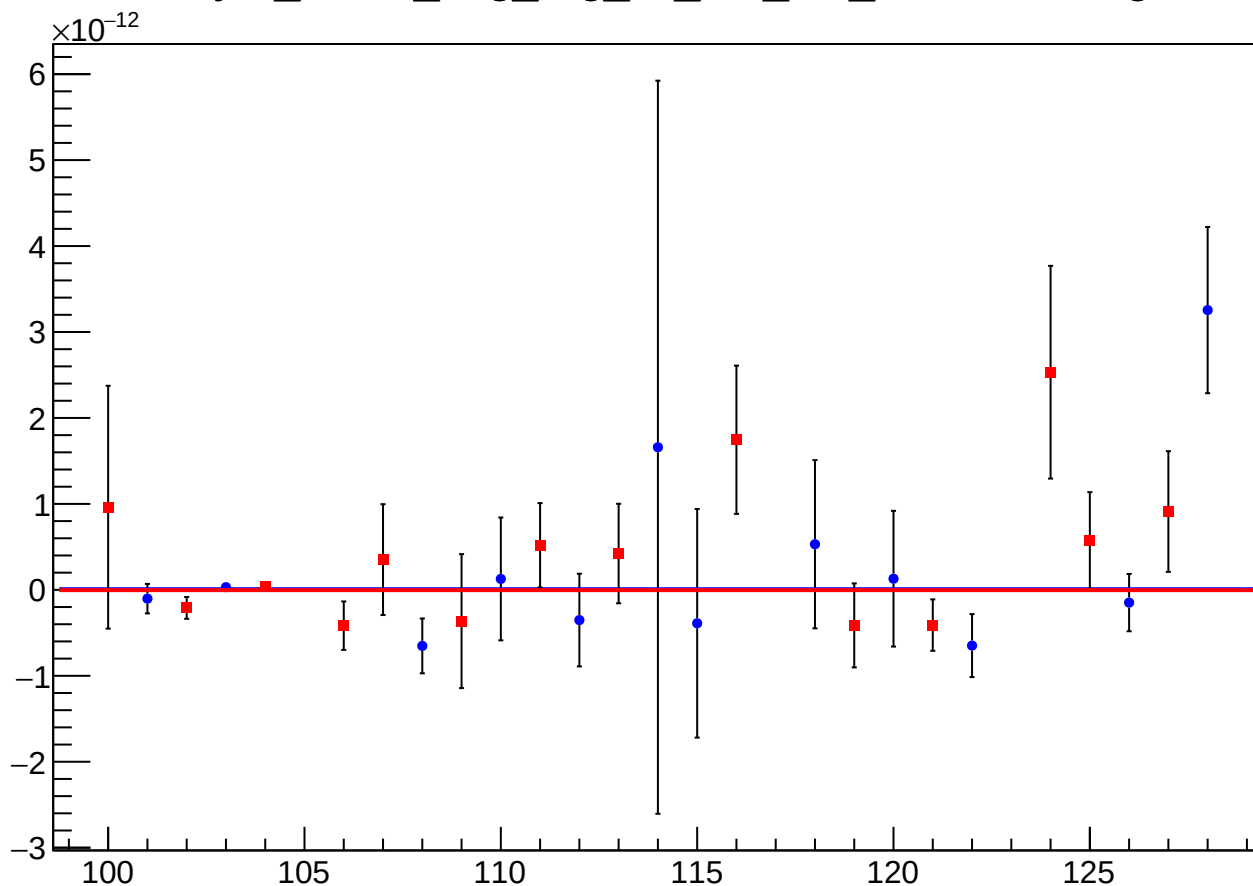
Right Out: 3392.033+/-1.178 χ^2/NDF : 2060952.7/13

All: 3363.826+/-0.840 χ^2/NDF : 4230140.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 20.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.6/13

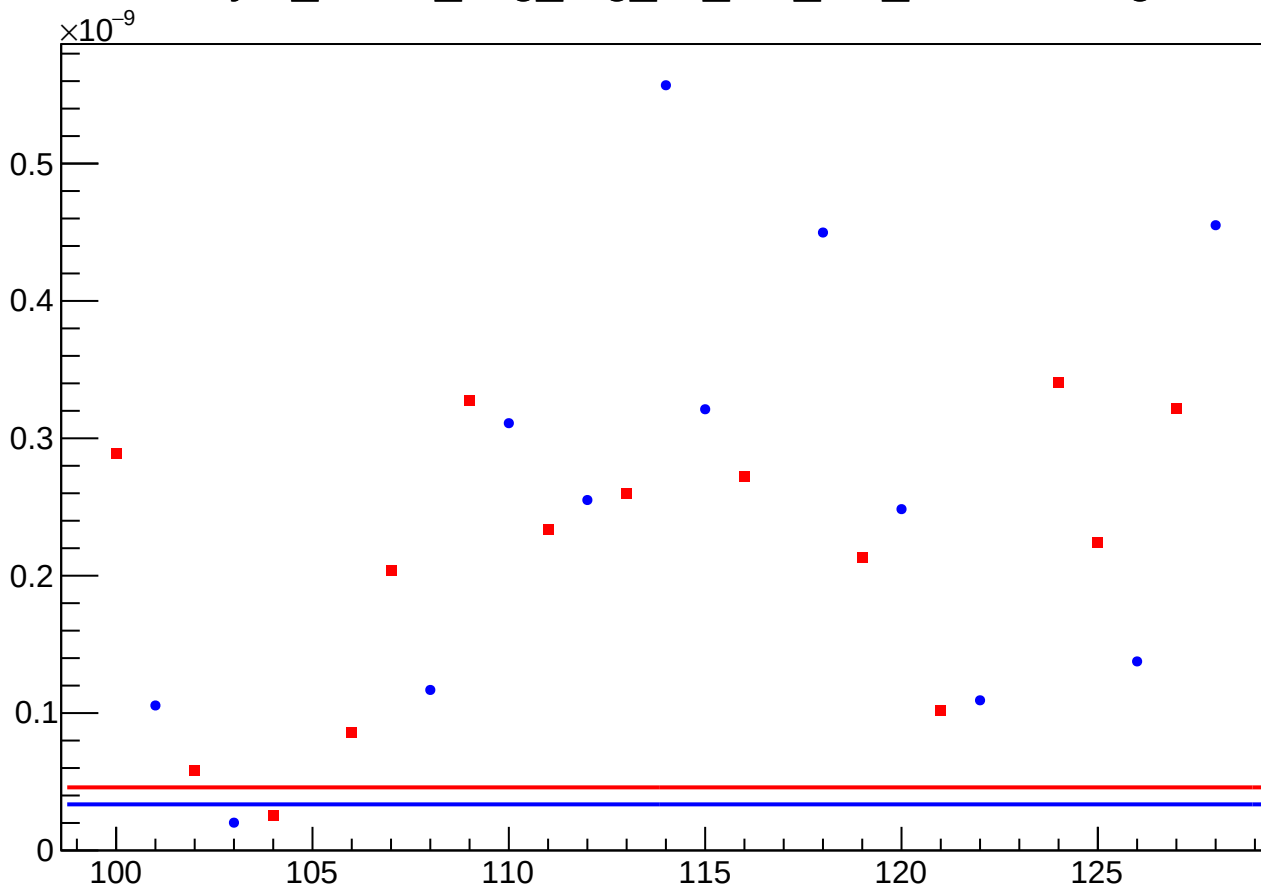
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 42.3/25

- 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 : 2621954.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2396406.1/13

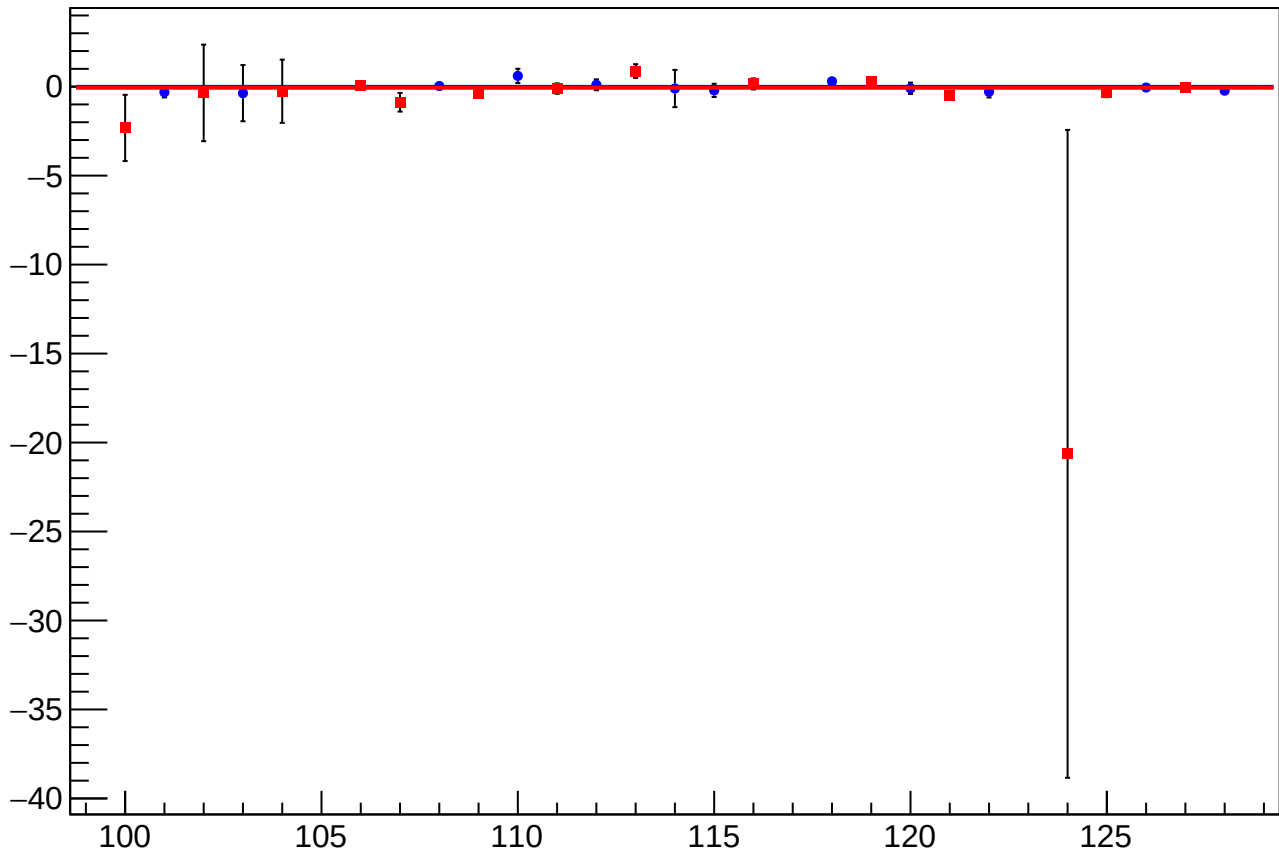
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5097266.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.014 ± 0.090 $\chi^2/\text{NDF}: 7.1/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.060 ± 0.089 $\chi^2/\text{NDF}: 19.3/13$

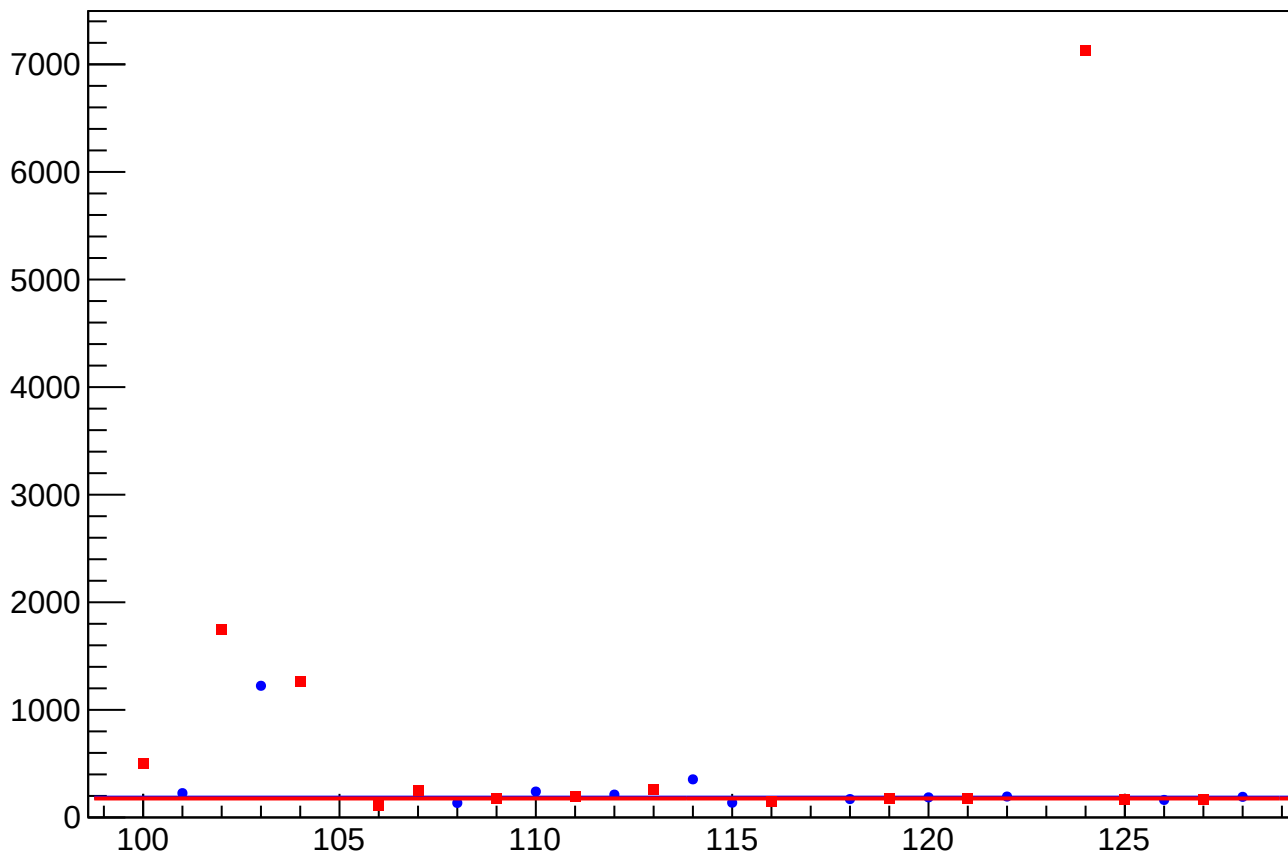
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.037 ± 0.063 $\chi^2/\text{NDF}: 26.5/25$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_atl1r2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 184.283+/-0.064 χ^2/NDF : 1172833.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.340+/-0.063 χ^2/NDF : 2088438.6/13

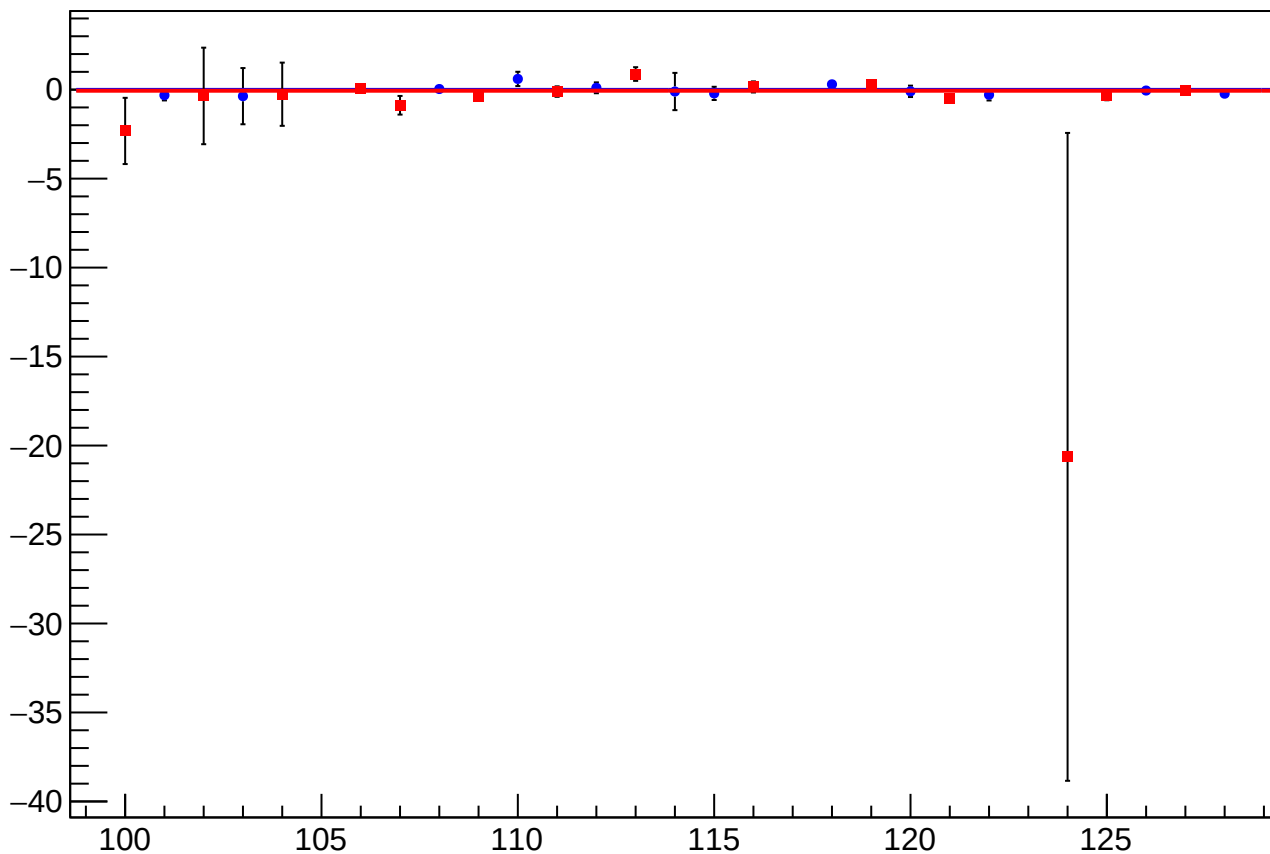
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.274+/-0.045 χ^2/NDF : 3269113.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.014 ± 0.090 χ^2/NDF : 7.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.060 ± 0.089 χ^2/NDF : 19.3/13

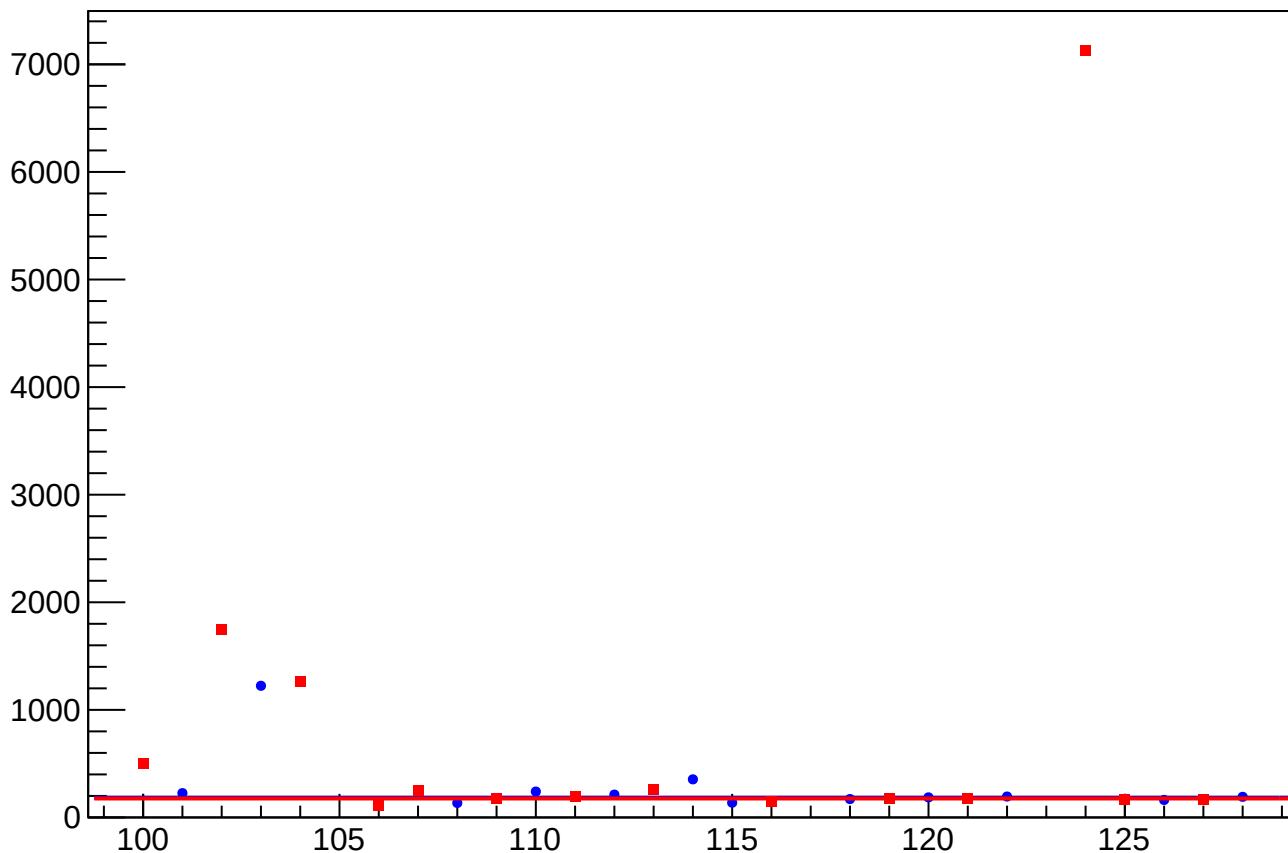
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.037 ± 0.063 χ^2/NDF : 26.5/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 184.283+/-0.064 χ^2/NDF : 1172833.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

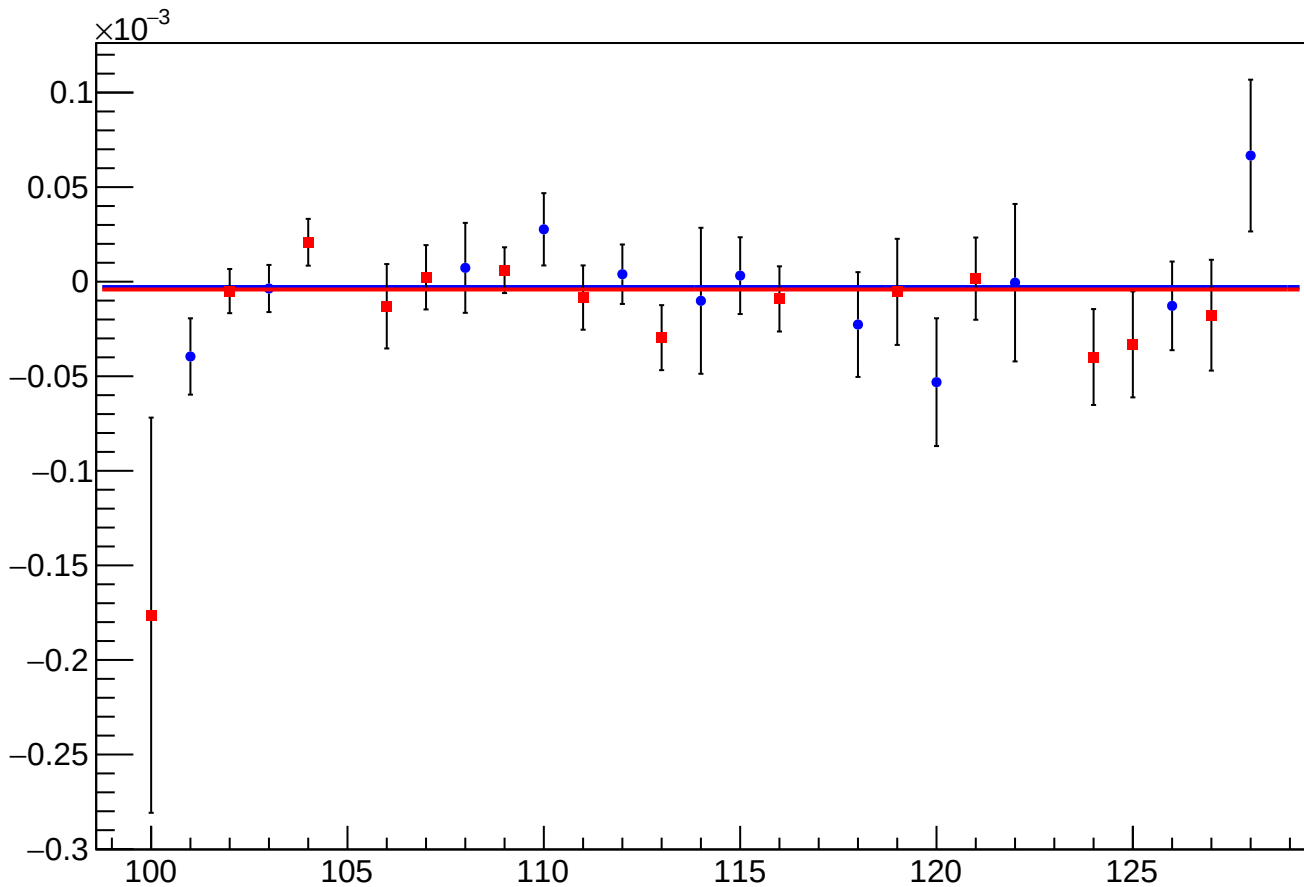
Right Out: 176.340+/-0.063 χ^2/NDF : 2088438.6/13

All: 180.274+/-0.045 χ^2/NDF : 3269113.3/25

- 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_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 12.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.5/13

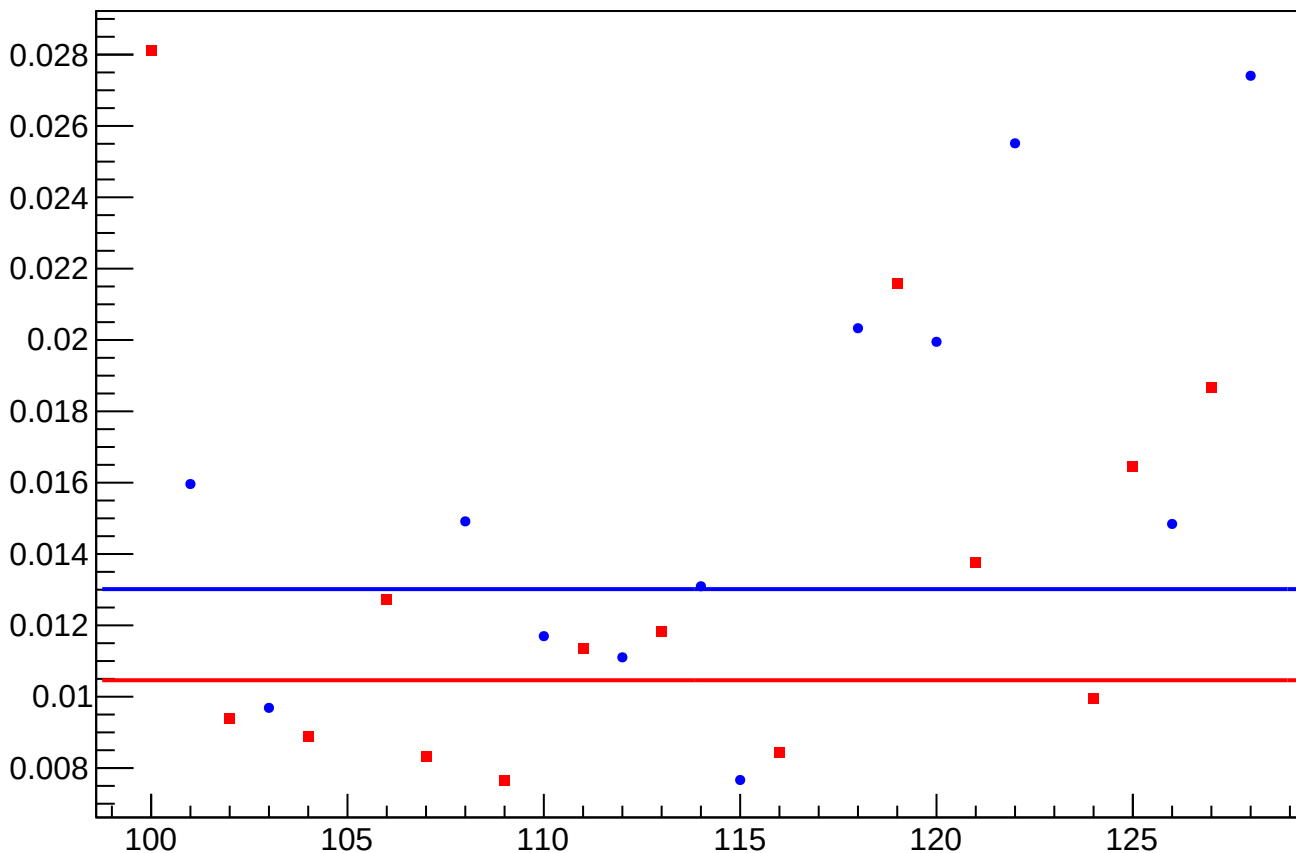
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.8/25

- 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 : 1049310.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 920405.7/13

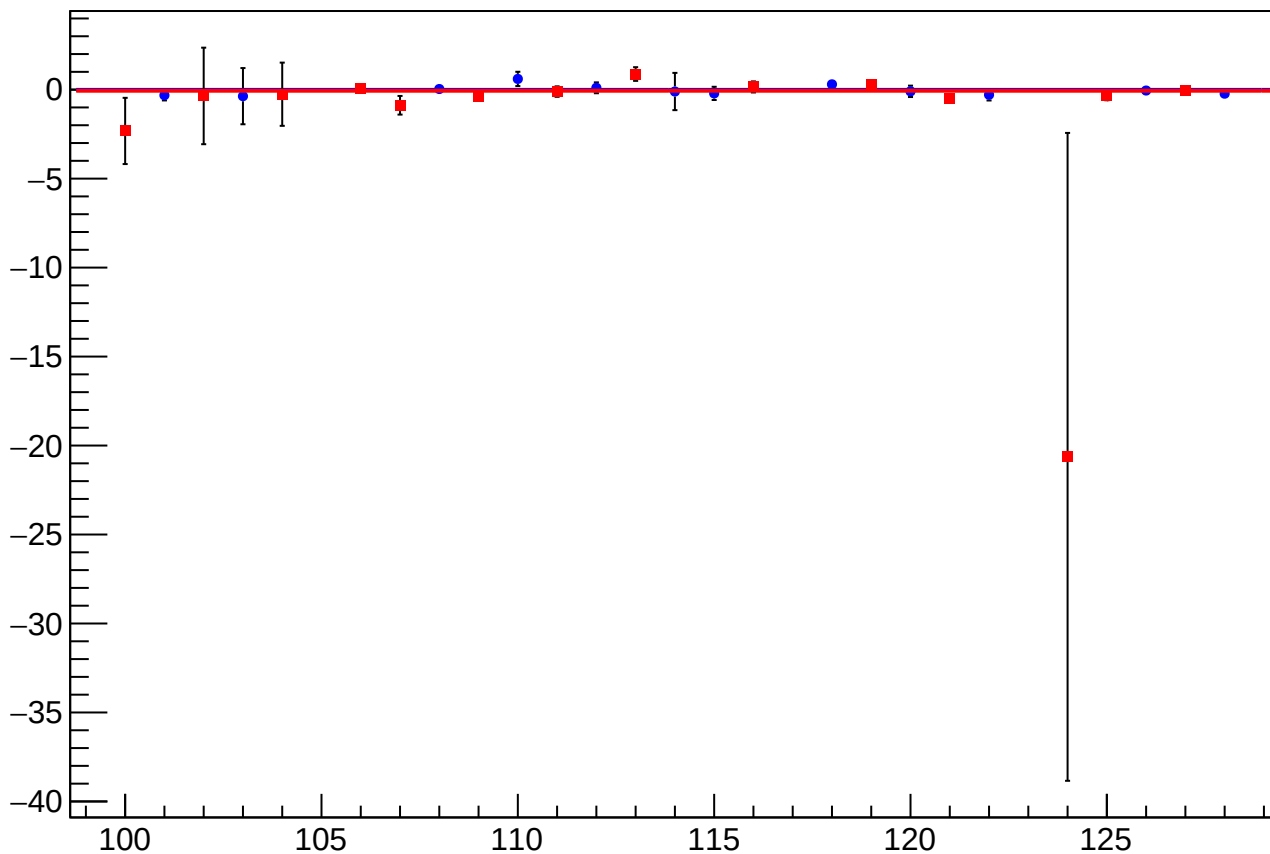
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 2181285.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.014 ± 0.090 χ^2/NDF : 7.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.060 ± 0.089 χ^2/NDF : 19.3/13

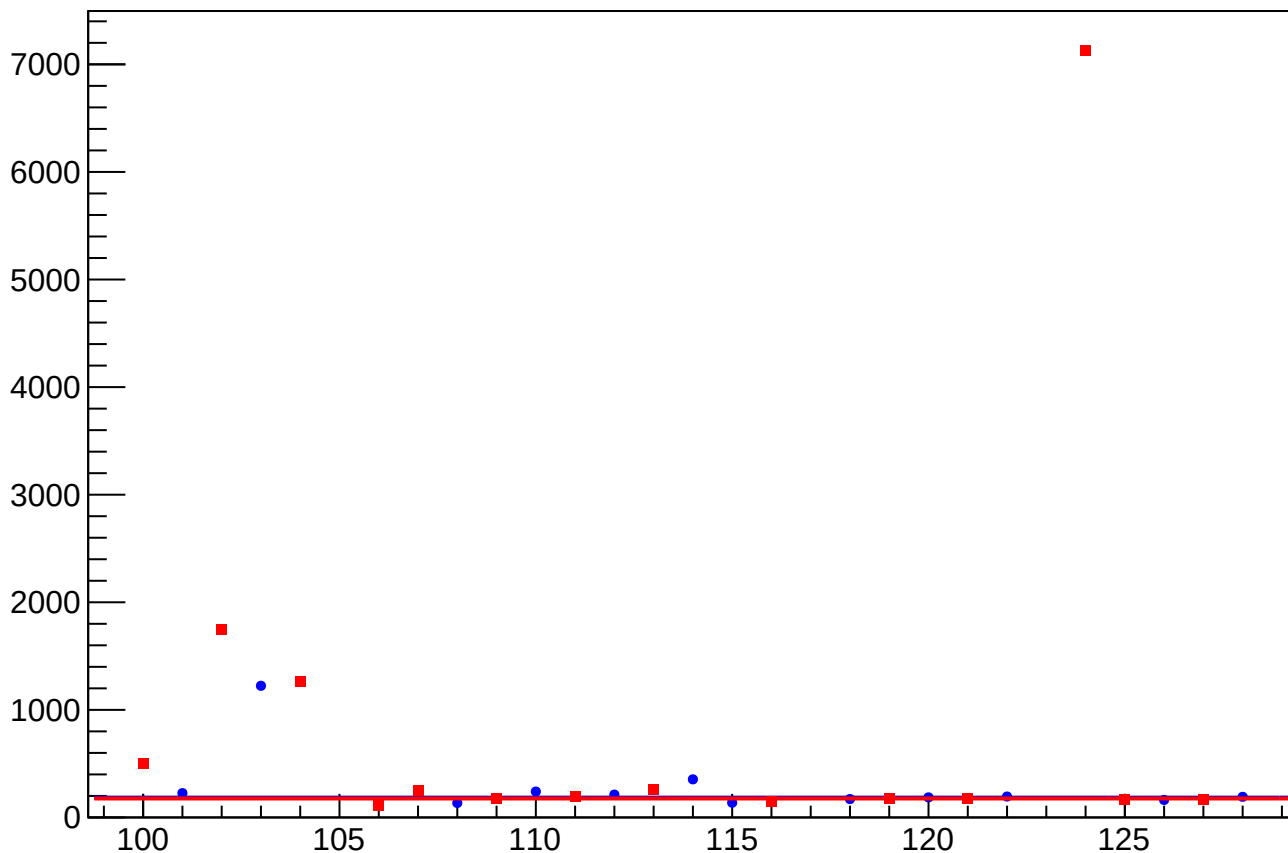
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.037 ± 0.063 χ^2/NDF : 26.5/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 184.281+/-0.064 χ^2/NDF : 1172841.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.338+/-0.063 χ^2/NDF : 2088462.6/13

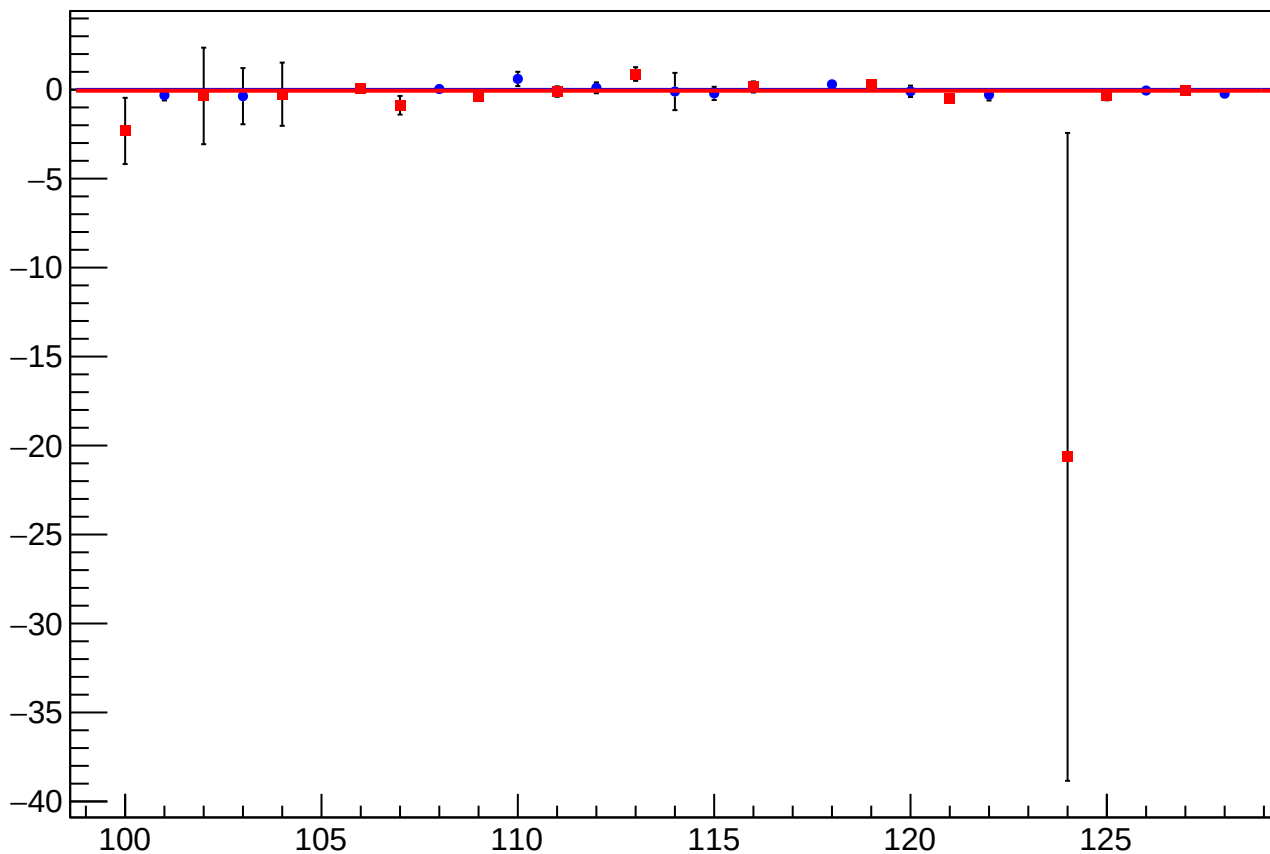
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.272+/-0.045 χ^2/NDF : 3269145.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.014 ± 0.090 χ^2/NDF : 7.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.060 ± 0.089 χ^2/NDF : 19.3/13

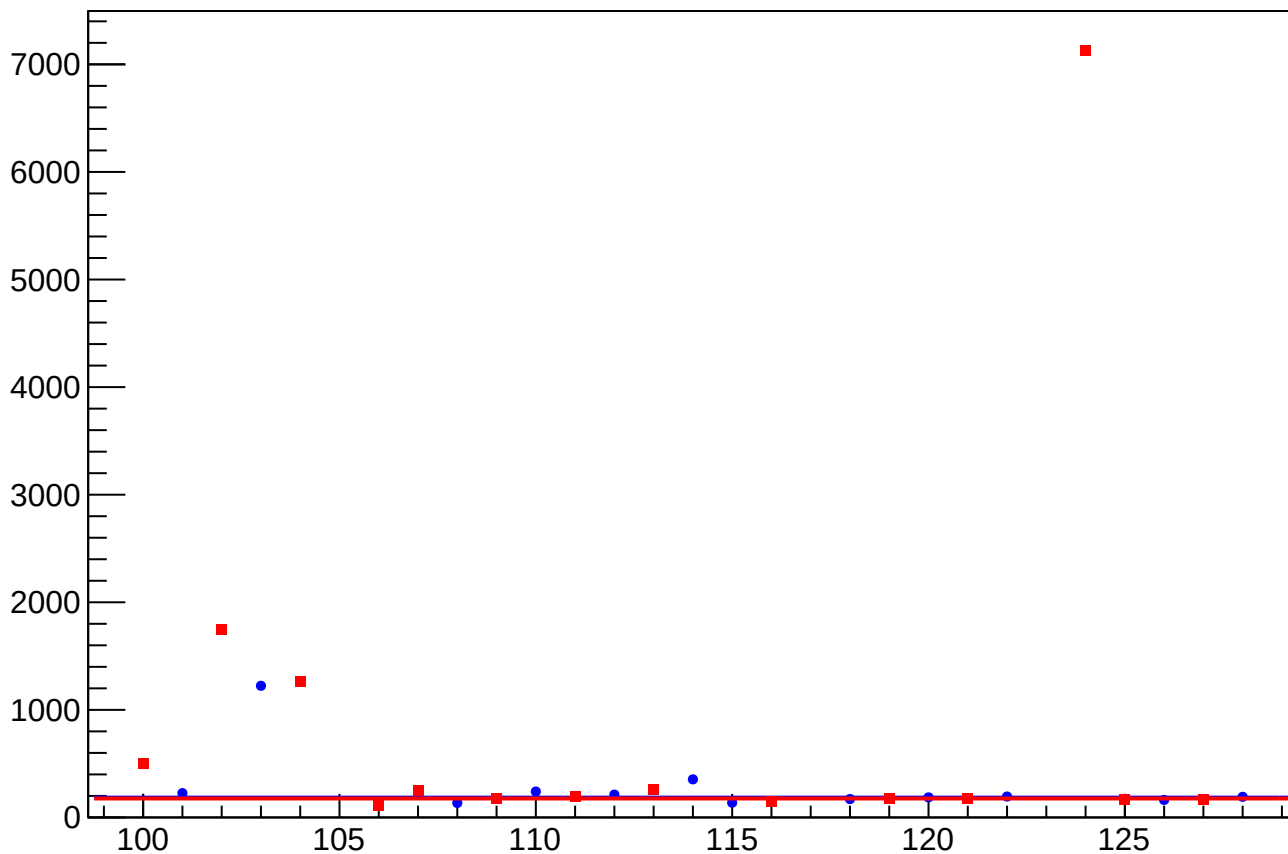
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.037 ± 0.063 χ^2/NDF : 26.5/25

- 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: 184.281+/-0.064 χ^2/NDF : 1172841.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.338+/-0.063 χ^2/NDF : 2088462.6/13

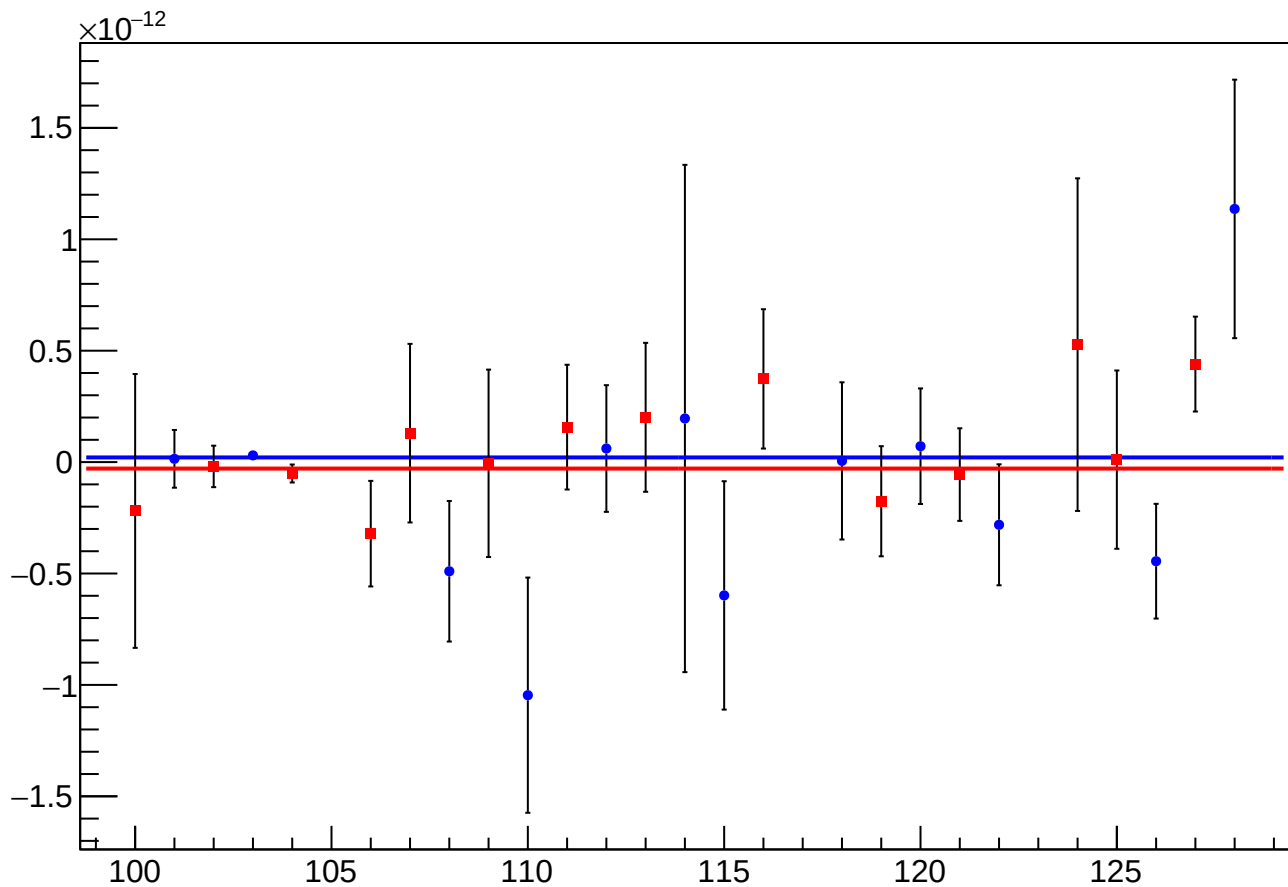
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.272+/-0.045 χ^2/NDF : 3269145.6/25

- 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: 16.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.4/13

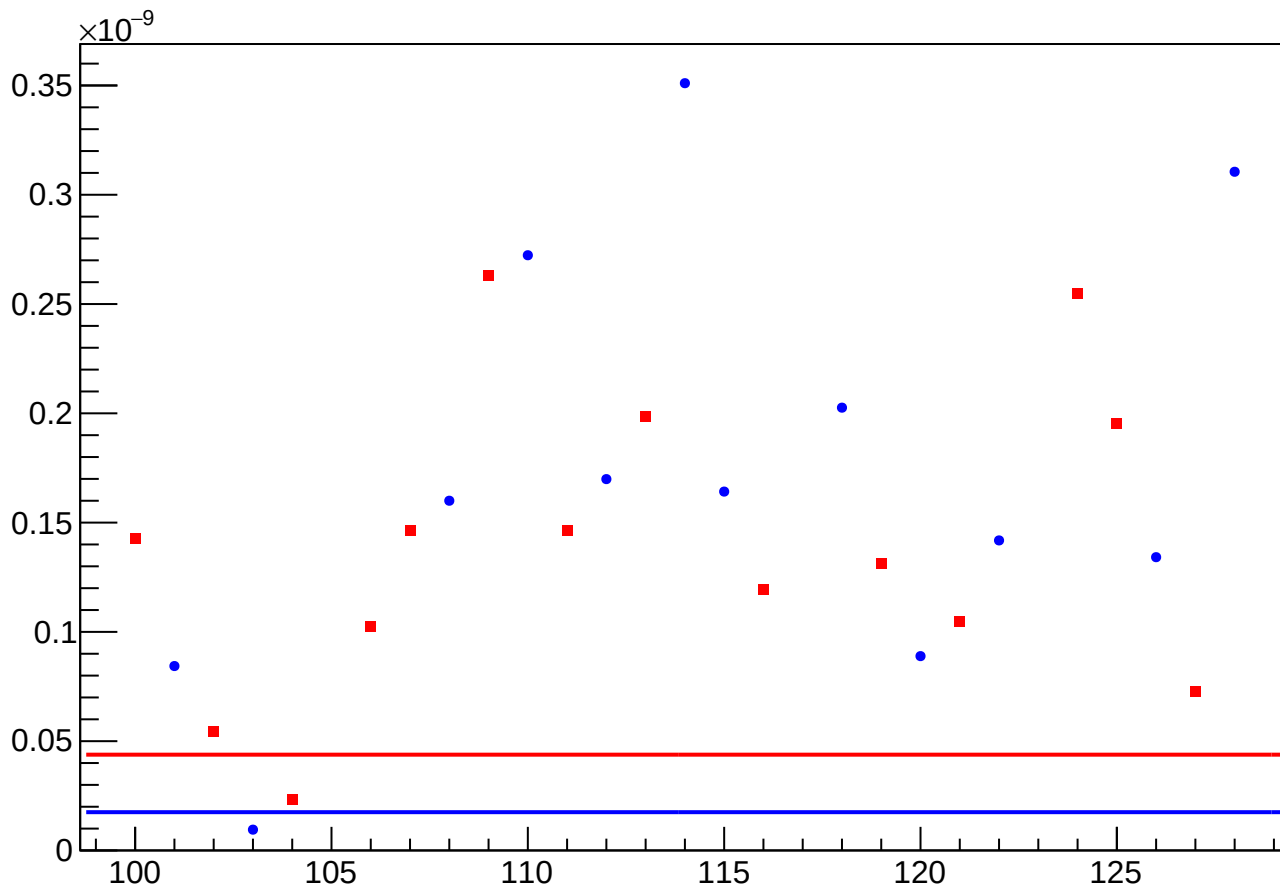
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 28.6/25

- 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 : 4613353.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3120041.3/13

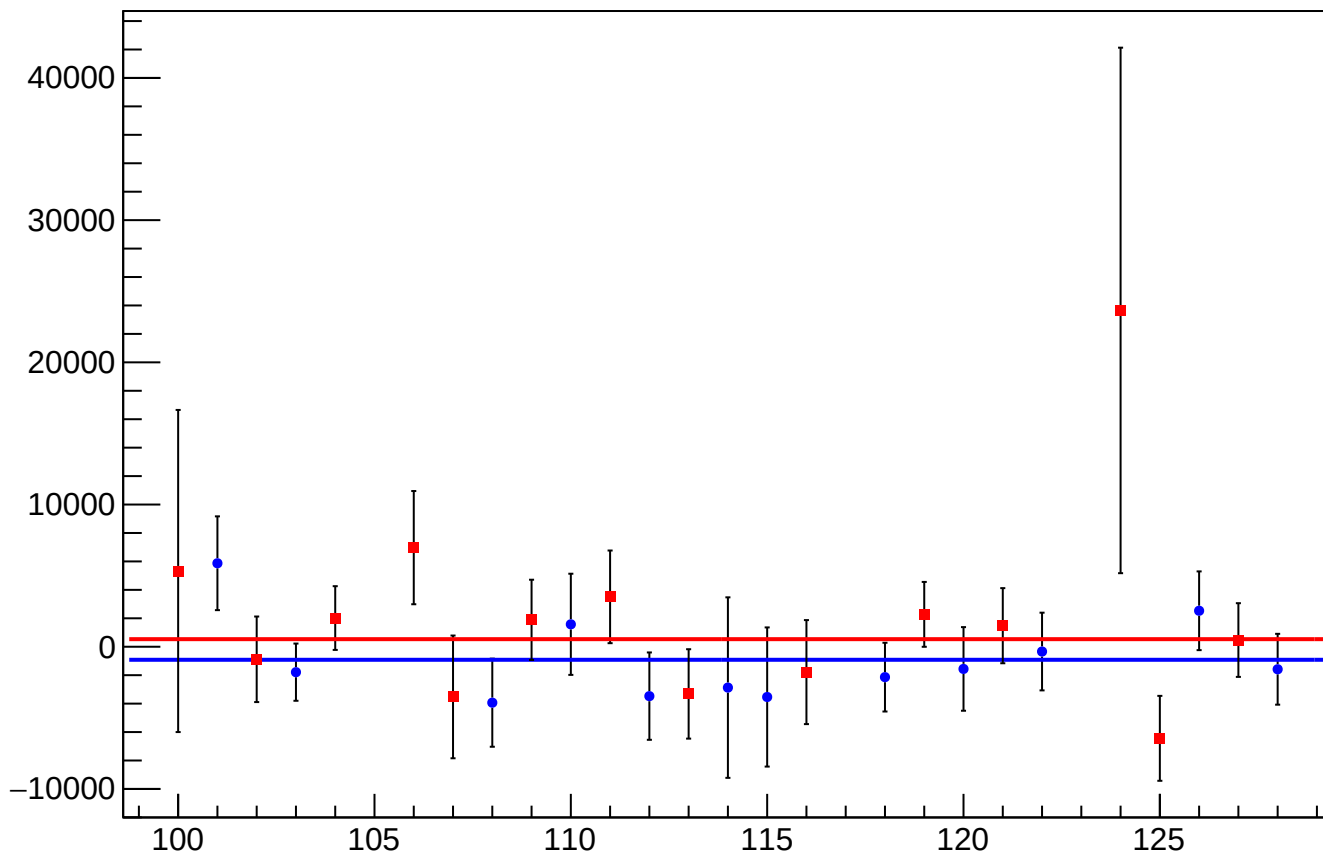
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8585233.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_mean vs Slug



Right In: -917.261+/-842.969 χ^2/NDF : 8.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 532.825+/-836.439 χ^2/NDF : 15.0/13

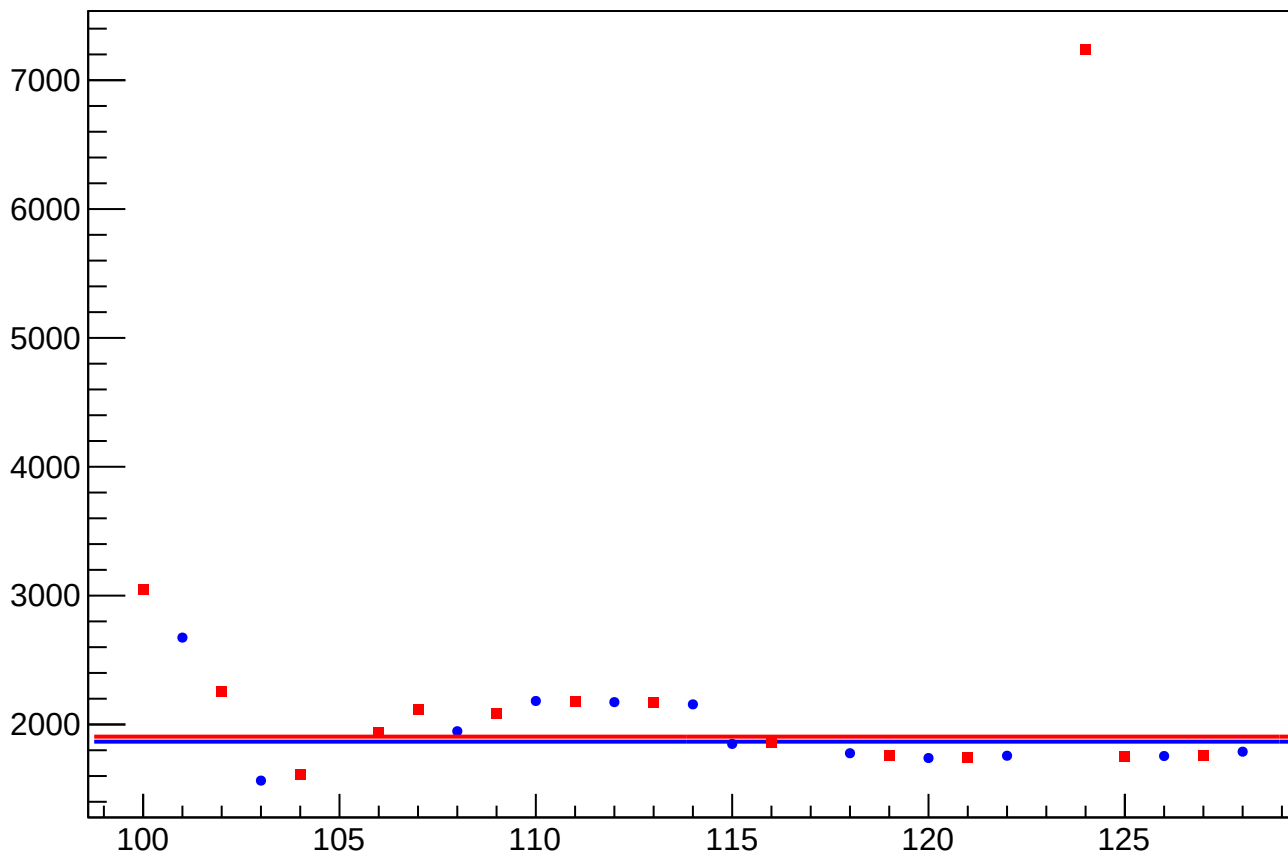
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -186.580+/-593.747 χ^2/NDF : 25.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_rms vs Slug



Right In: 1866.785+/-0.596 χ^2/NDF : 221211.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1905.673+/-0.590 χ^2/NDF : 318164.4/13

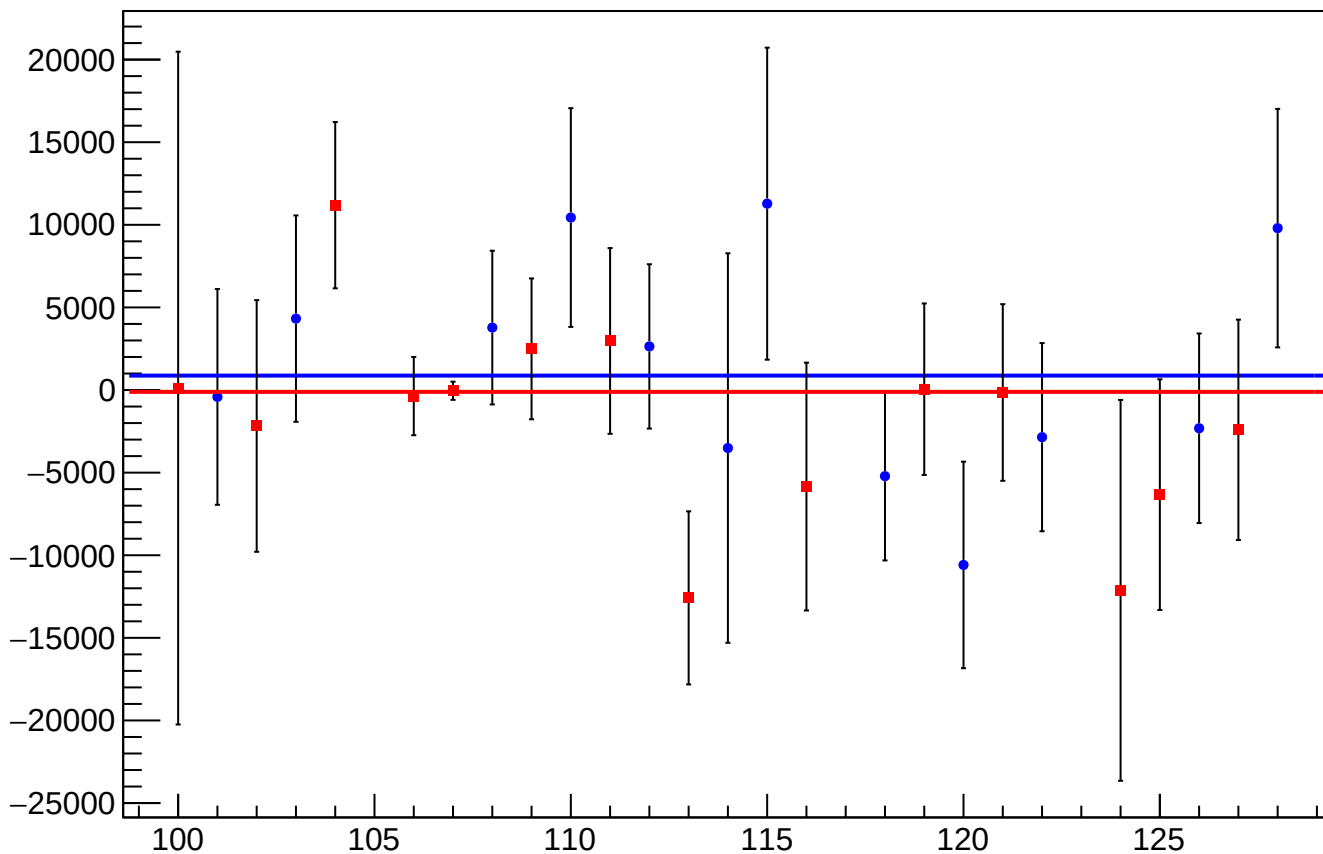
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1886.443+/-0.419 χ^2/NDF : 541527.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_reg_correction_mean vs Slug



Right In: 872.625+/-1763.951 χ^2 /NDF: 11.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -110.062+/-512.859 χ^2 /NDF: 14.1/13

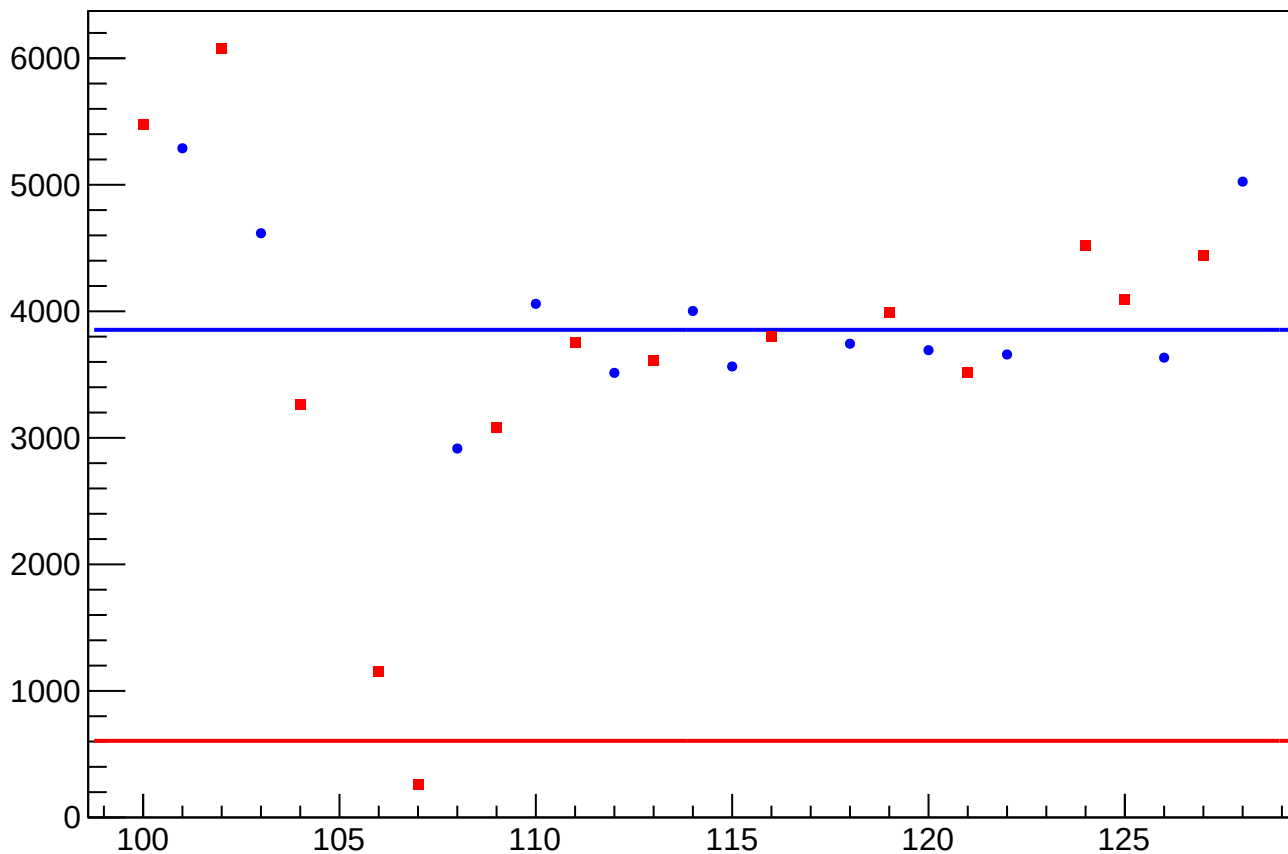
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -33.468+/-492.466 χ^2 /NDF: 25.7/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_reg_correction_rms vs Slug



Right In: 3853.834+/-1.247 χ^2/NDF : 281411.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

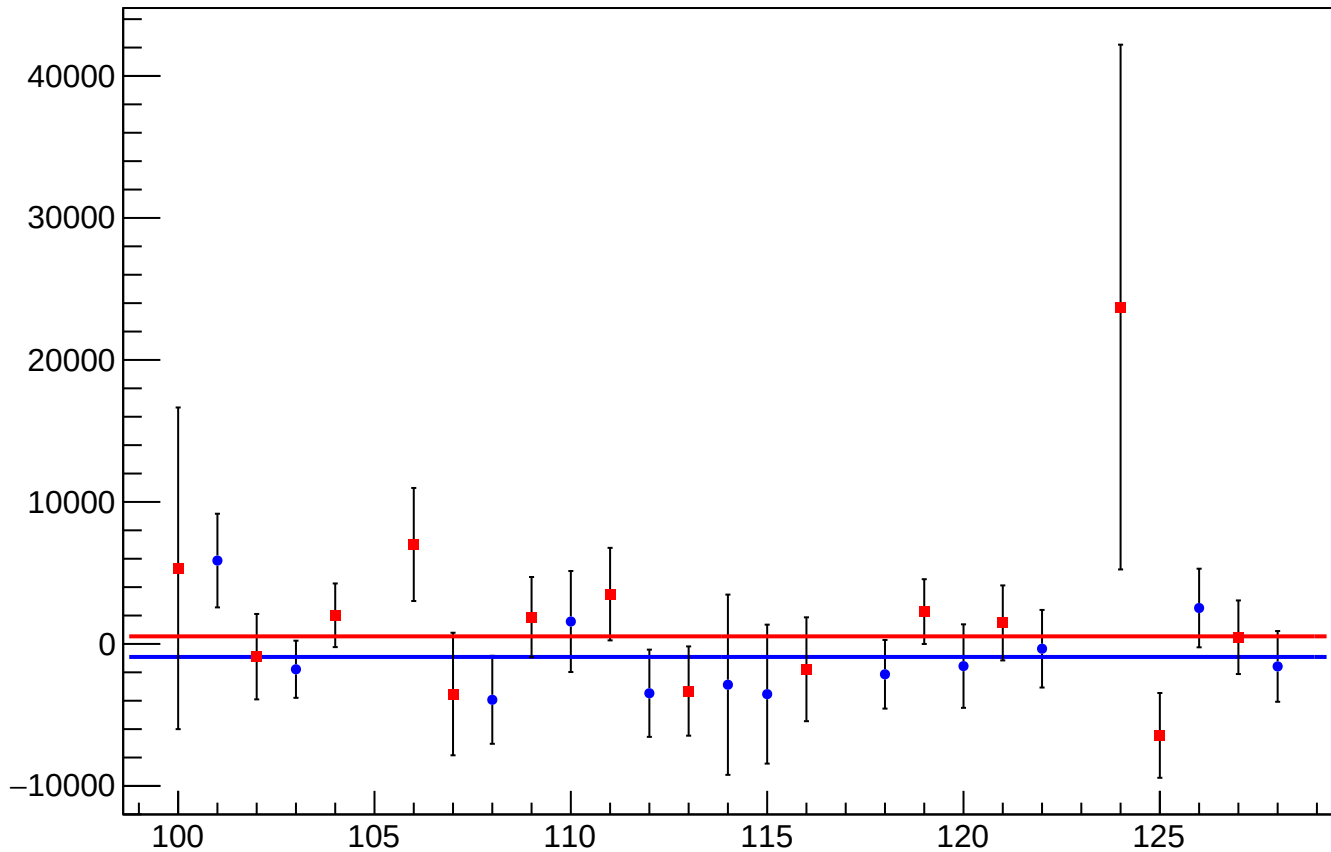
Right Out: 605.525+/-0.363 χ^2/NDF : 7741543.1/13

All: 858.710+/-0.348 χ^2/NDF : 14276538.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_dd_mean vs Slug



Right In: -916.635+/-842.969 χ^2 /NDF: 8.9/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 533.505+/-836.441 χ^2 /NDF: 15.1/13

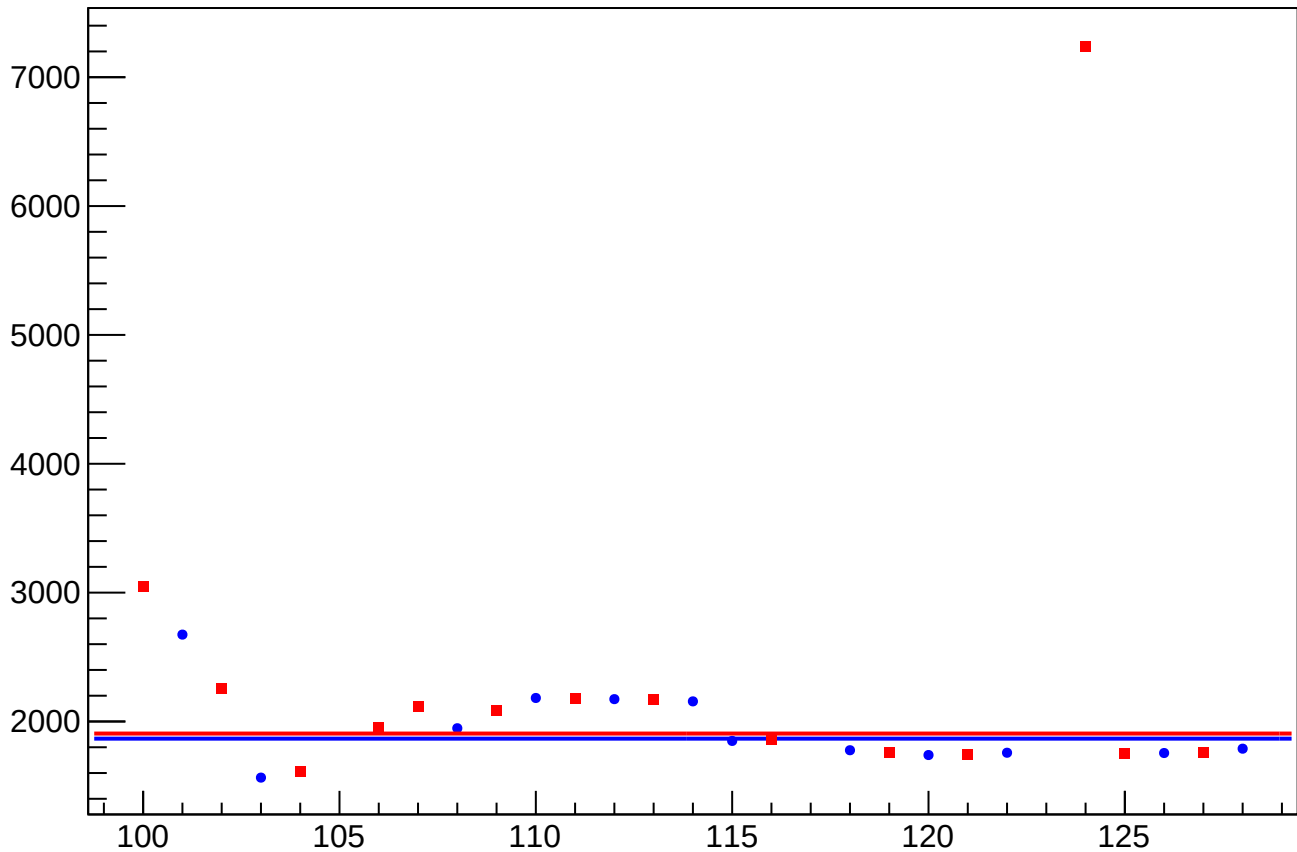
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -185.928+/-593.748 χ^2 /NDF: 25.5/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_atl1r2_dd_rms vs Slug



Right In: 1866.786 $\pm$ 0.596 χ^2 /NDF: 221210.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1906.325 $\pm$ 0.590 χ^2 /NDF: 318323.6/13

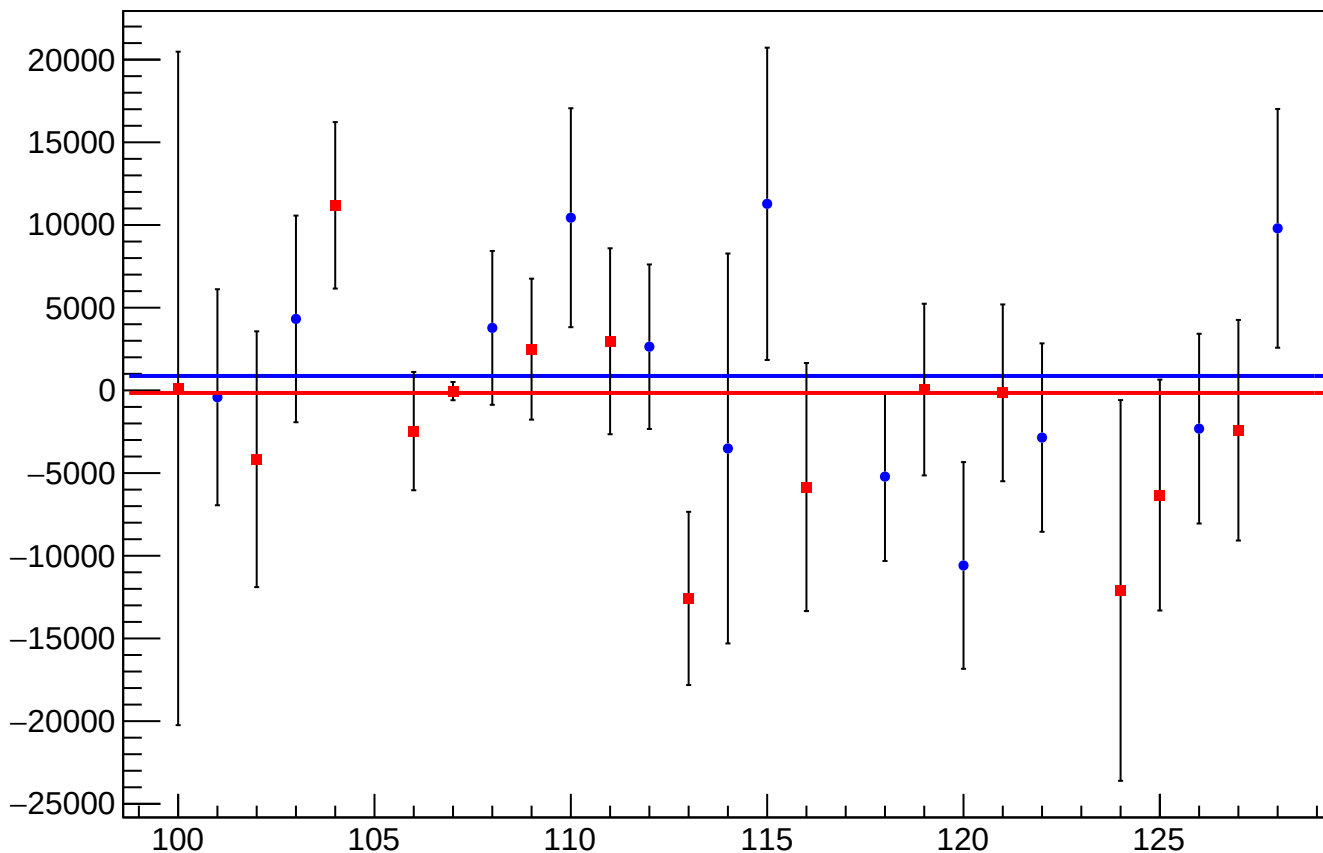
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1886.767 $\pm$ 0.419 χ^2 /NDF: 541757.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_cor_correction_mean vs Slug



Right In: 872.596+/-1763.961 χ^2/NDF : 11.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -155.552+/-519.743 χ^2/NDF : 14.7/13

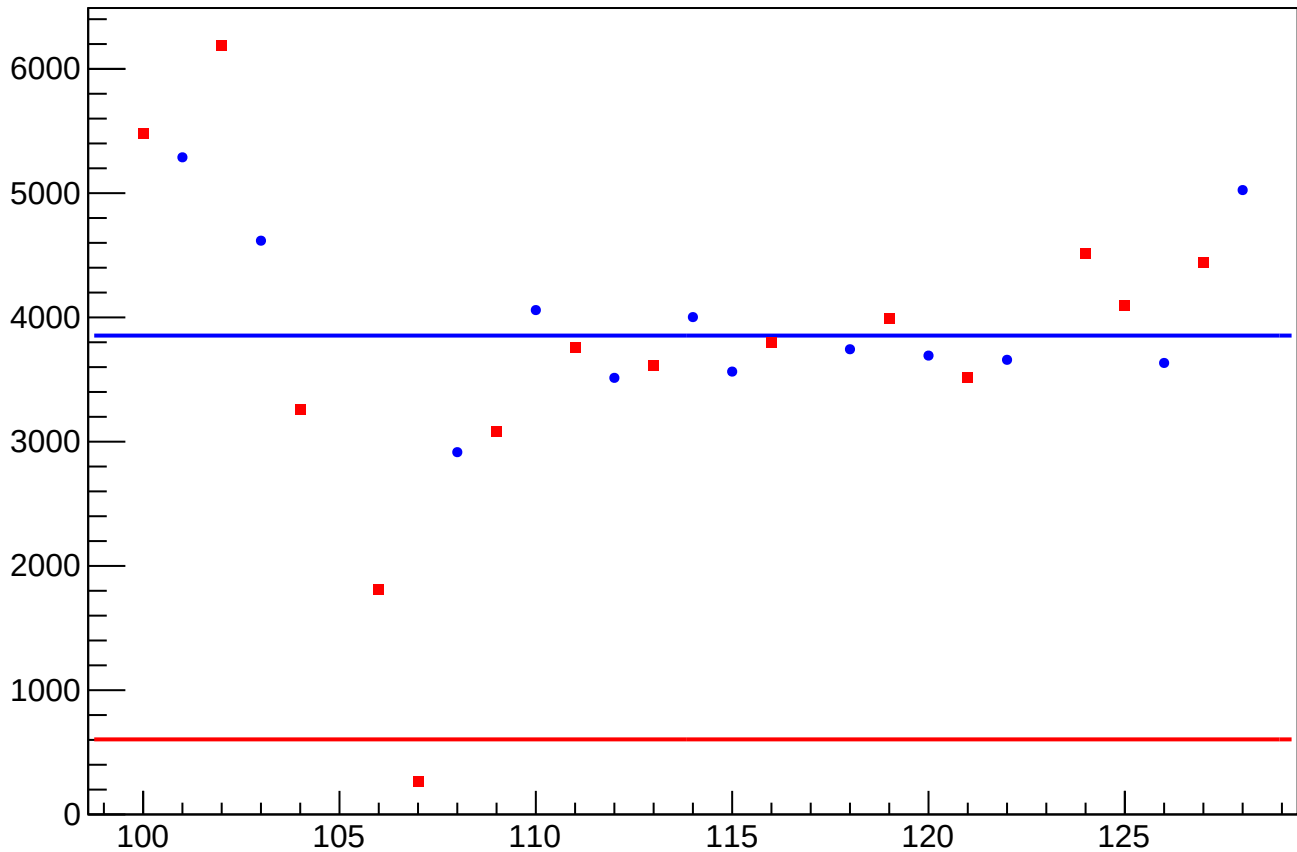
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -73.423+/-498.552 χ^2/NDF : 26.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_cor_correction_rms vs Slug



Right In: 3853.847+/-1.247 χ^2/NDF : 281434.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 604.124+/-0.368 χ^2/NDF : 7870008.6/13

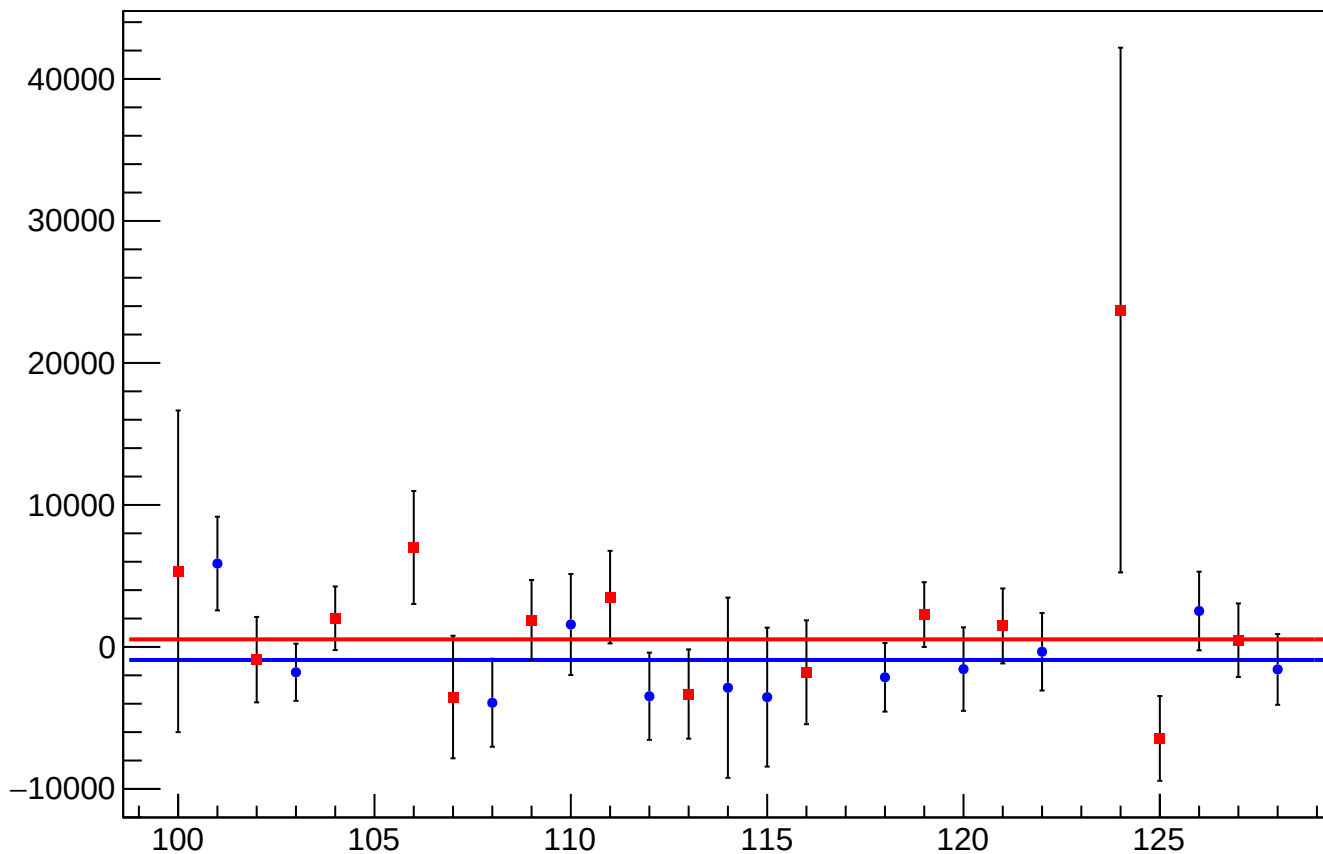
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 863.715+/-0.353 χ^2/NDF : 14397249.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_dd_mean vs Slug



Right In: -916.635+/-842.969 χ^2/NDF : 8.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 533.505+/-836.441 χ^2/NDF : 15.1/13

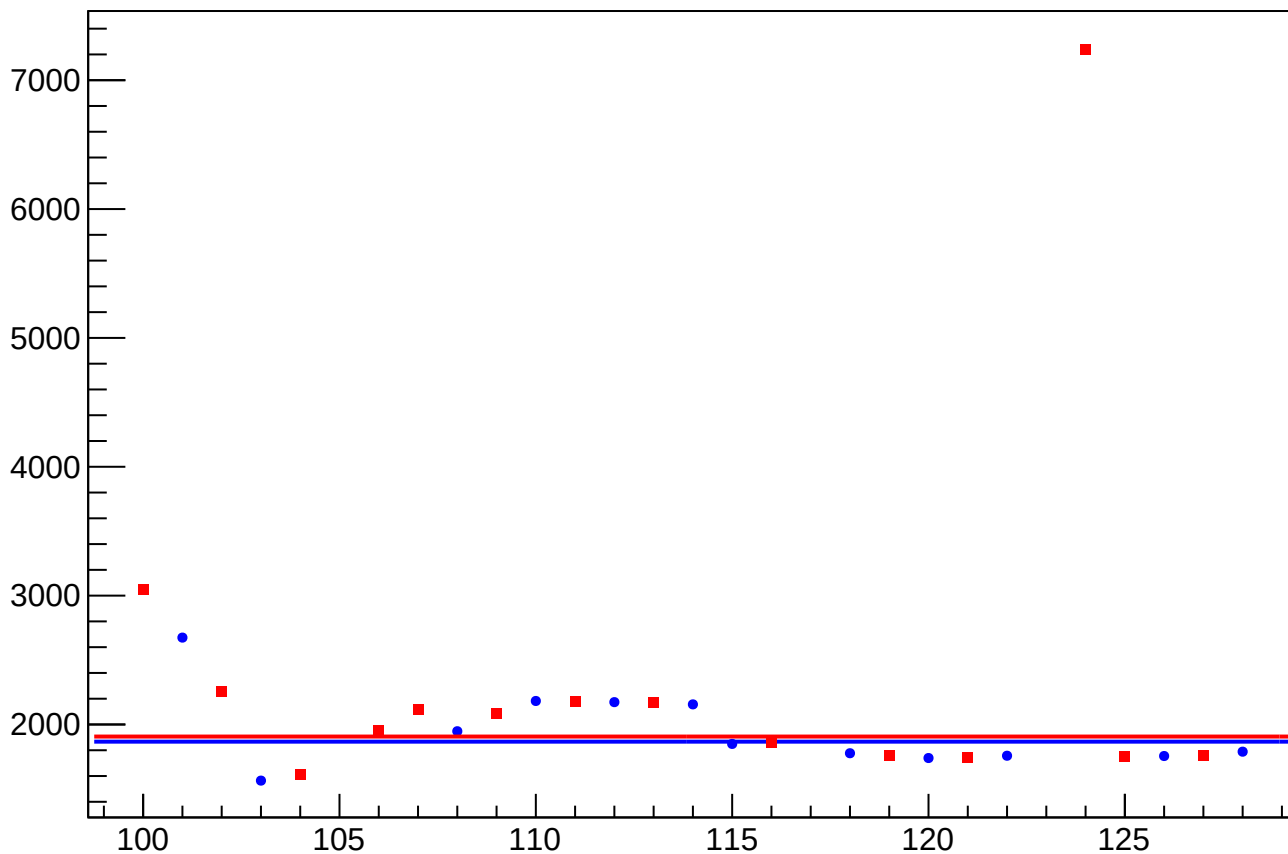
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -185.928+/-593.748 χ^2/NDF : 25.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_dd_rms vs Slug



Right In: 1866.786+/-0.596 χ^2/NDF : 221210.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1906.325+/-0.590 χ^2/NDF : 318323.6/13

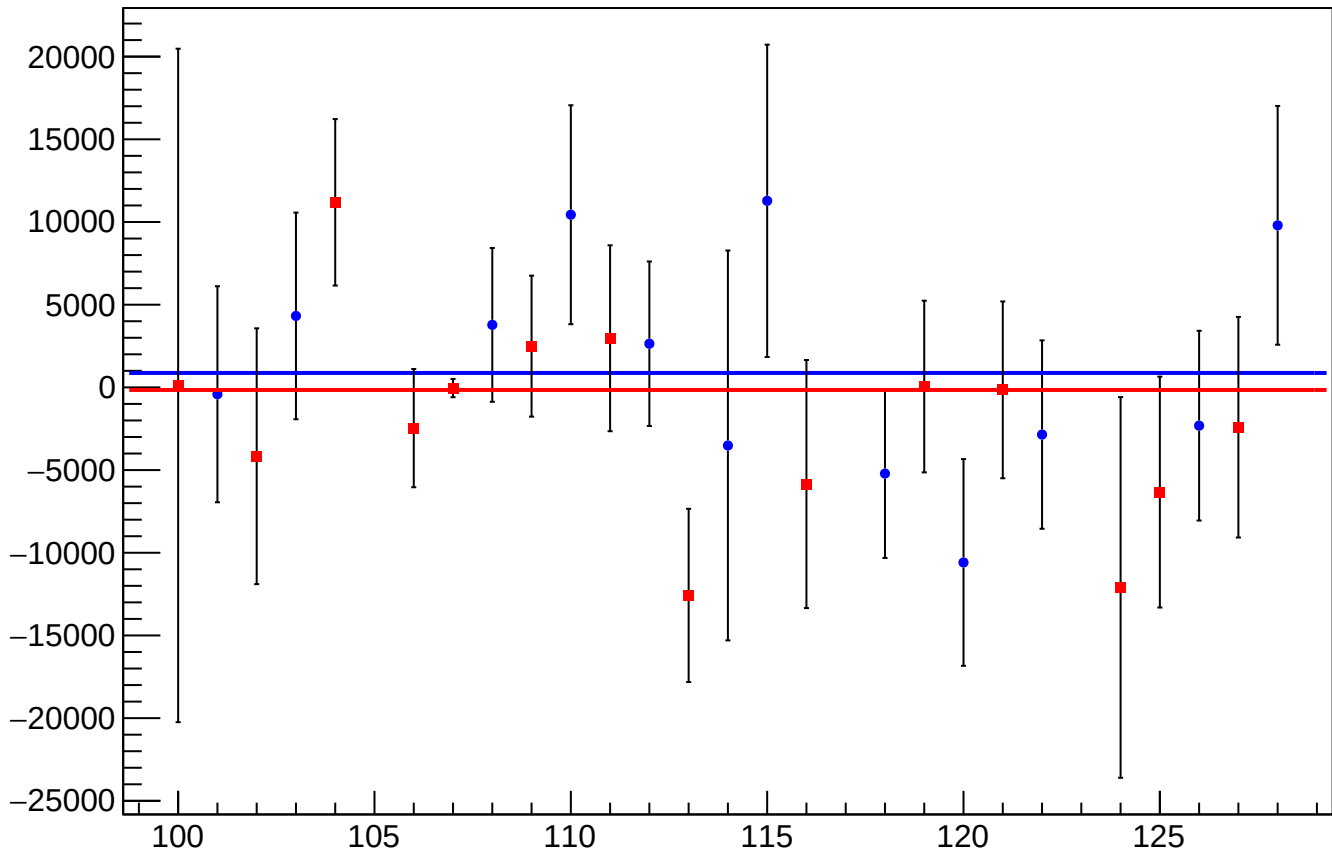
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1886.767+/-0.419 χ^2/NDF : 541757.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_cor_correction_mean vs Slug



Right In: 872.596 $\pm$ 1763.961 χ^2 /NDF: 11.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -155.552 $\pm$ 519.743 χ^2 /NDF: 14.7/13

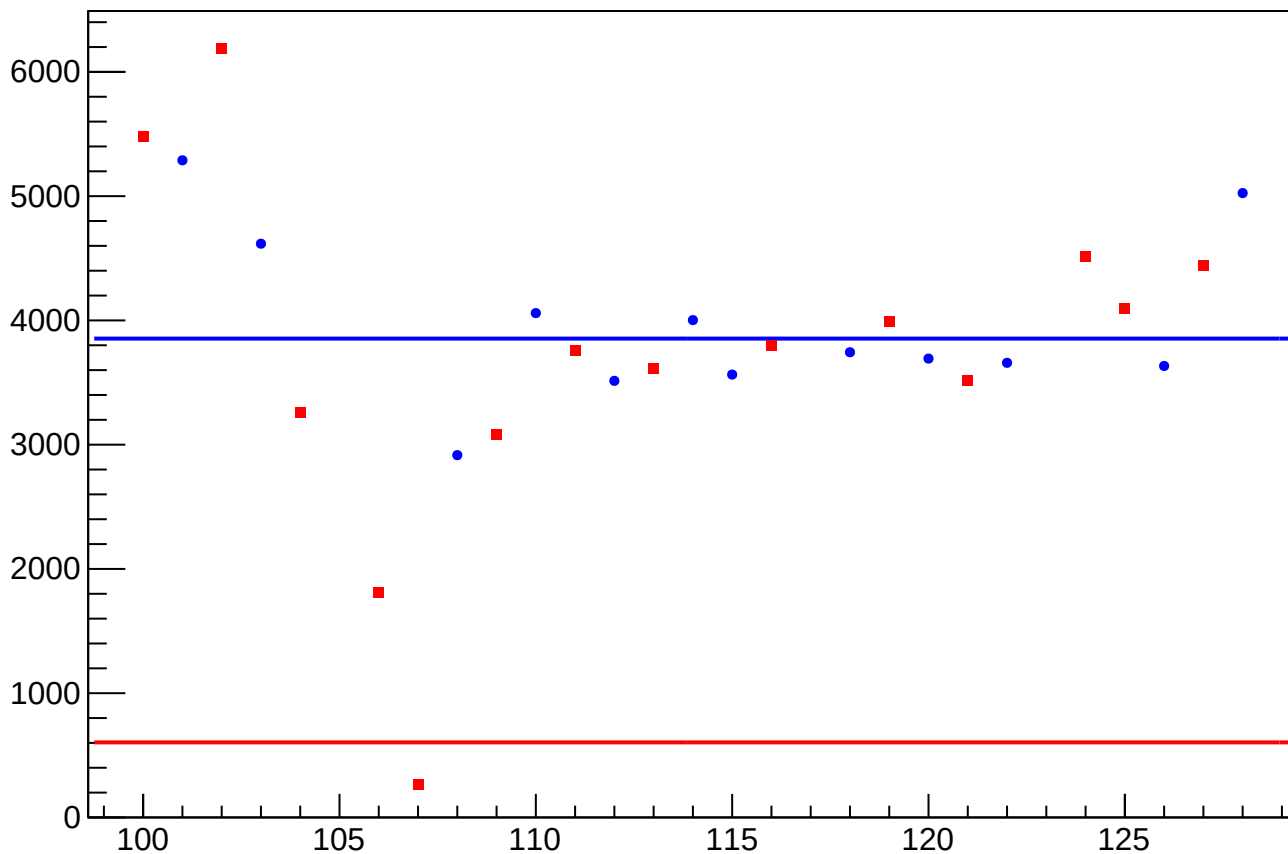
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -73.423 $\pm$ 498.552 χ^2 /NDF: 26.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_eigen_cor_correction_rms vs Slug



Right In: 3853.847+/-1.247 χ^2/NDF : 281434.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 604.124+/-0.368 χ^2/NDF : 7870008.6/13

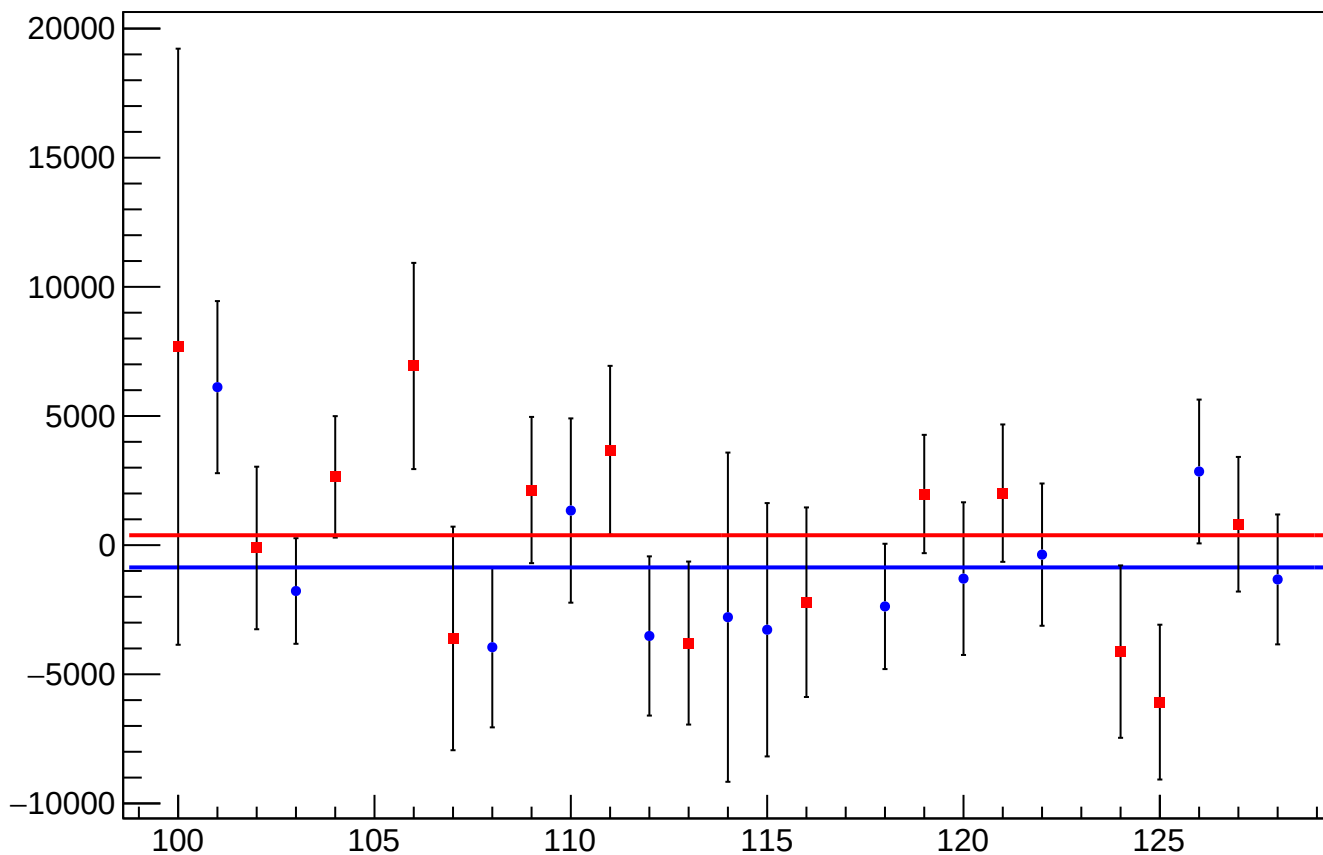
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 863.715+/-0.353 χ^2/NDF : 14397249.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_mean vs Slug



Right In: -862.088+/-849.257 χ^2/NDF : 9.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 383.426+/-822.293 χ^2/NDF : 15.9/13

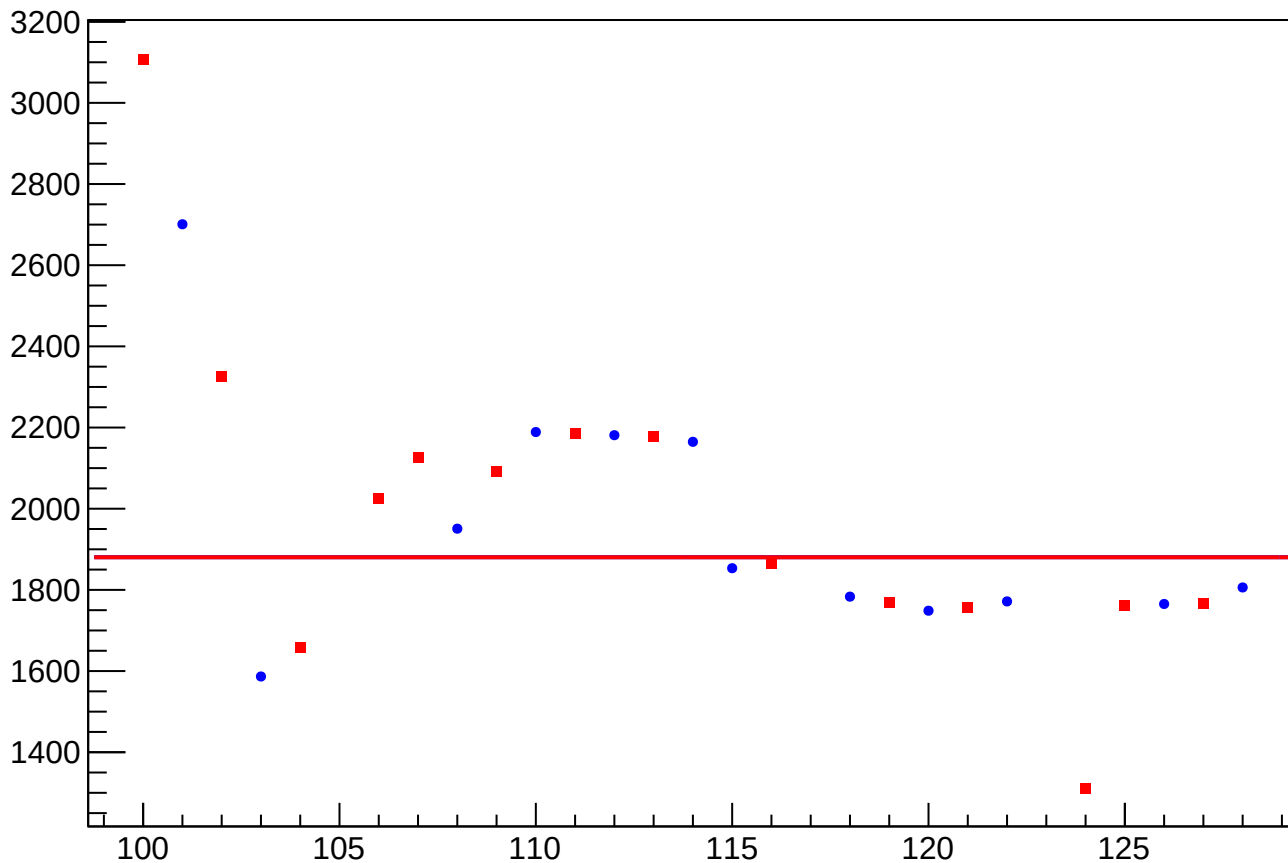
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -219.244+/-590.752 χ^2/NDF : 26.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_rms vs Slug



Right In: 1880.549+/-0.601 χ^2 /NDF: 217119.9/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1880.340+/-0.581 χ^2 /NDF: 210773.6/13

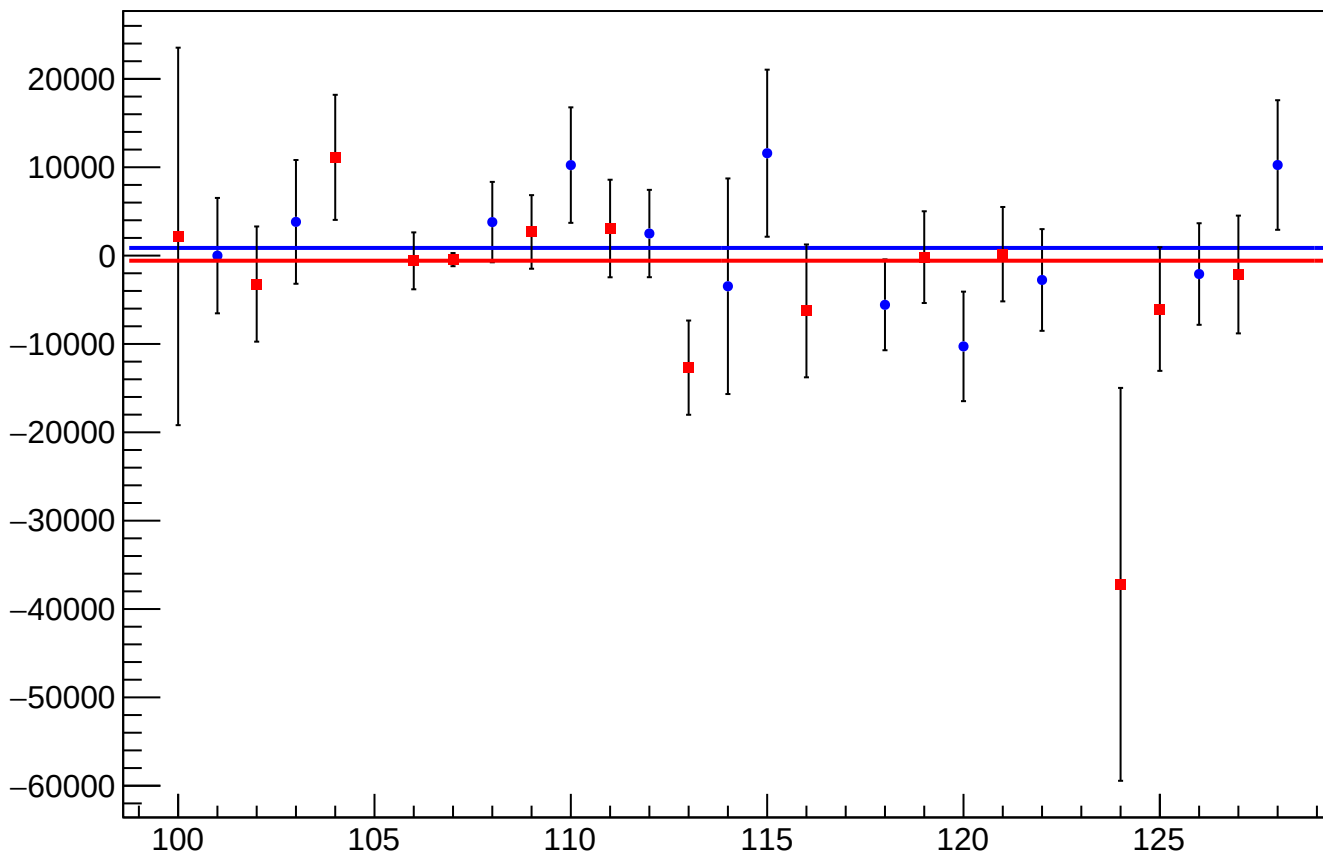
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1880.441+/-0.417 χ^2 /NDF: 427893.5/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_dit_correction_mean vs Slug



Right In: 867.862 $\pm$ 1775.289 χ^2 /NDF: 11.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -577.922 $\pm$ 674.075 χ^2 /NDF: 13.1/13

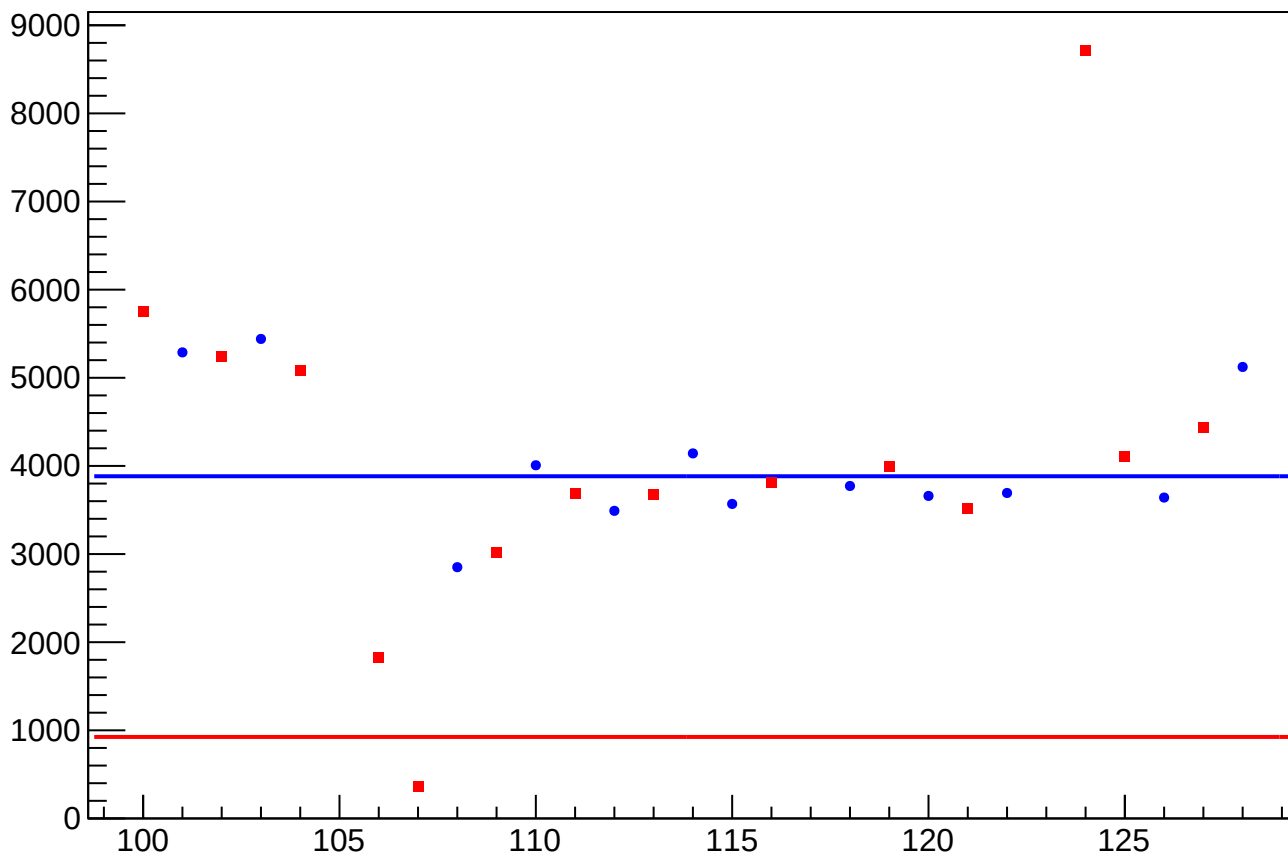
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -395.746 $\pm$ 630.177 χ^2 /NDF: 25.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_dit_correction_rms vs Slug



Right In: 3882.847+/-1.255 χ^2/NDF : 377321.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

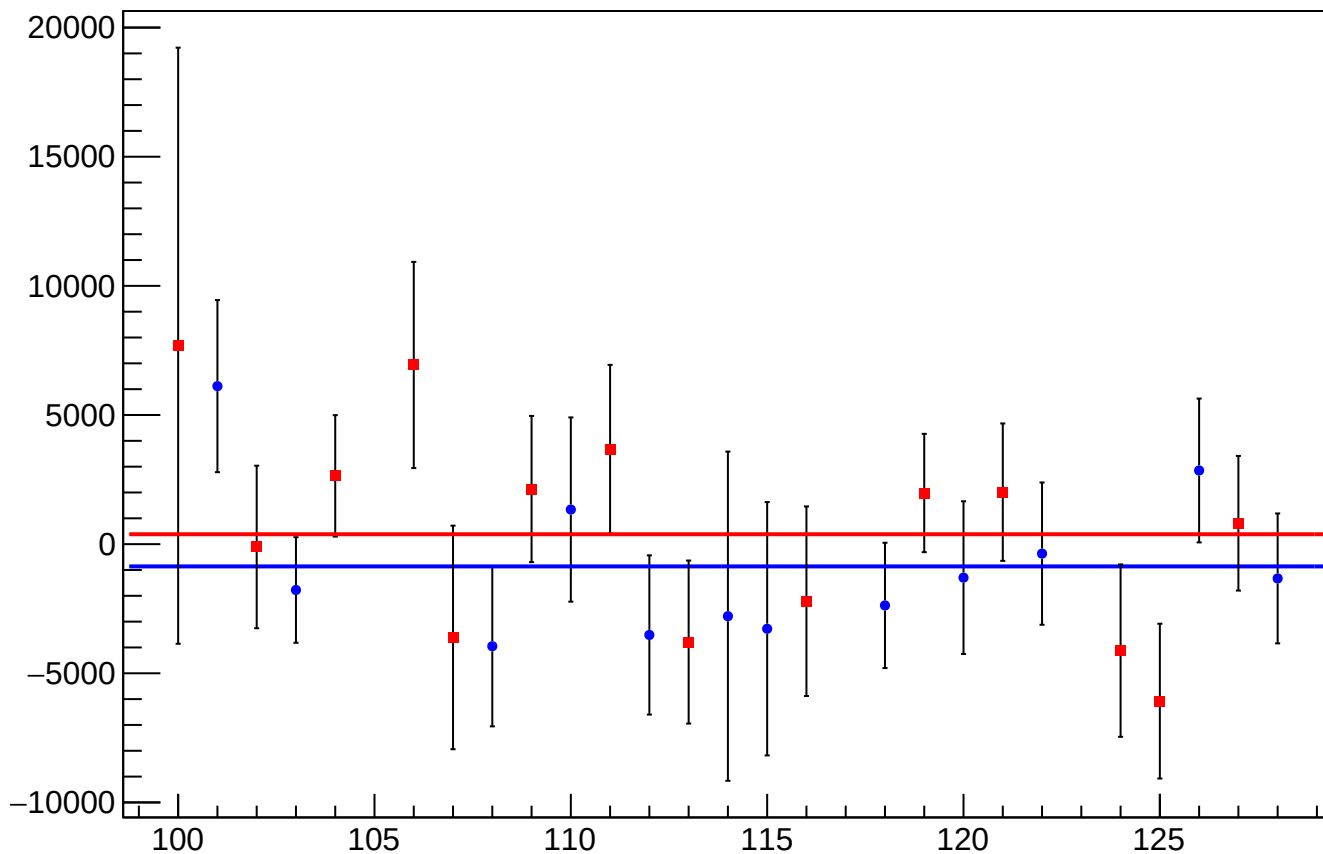
Right Out: 924.896+/-0.477 χ^2/NDF : 7159680.0/13

All: 1297.613+/-0.446 χ^2/NDF : 12389691.3/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_dd_mean vs Slug



Right In: -862.091+/-849.257 χ^2 /NDF: 9.3/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 383.429+/-822.293 χ^2 /NDF: 15.9/13

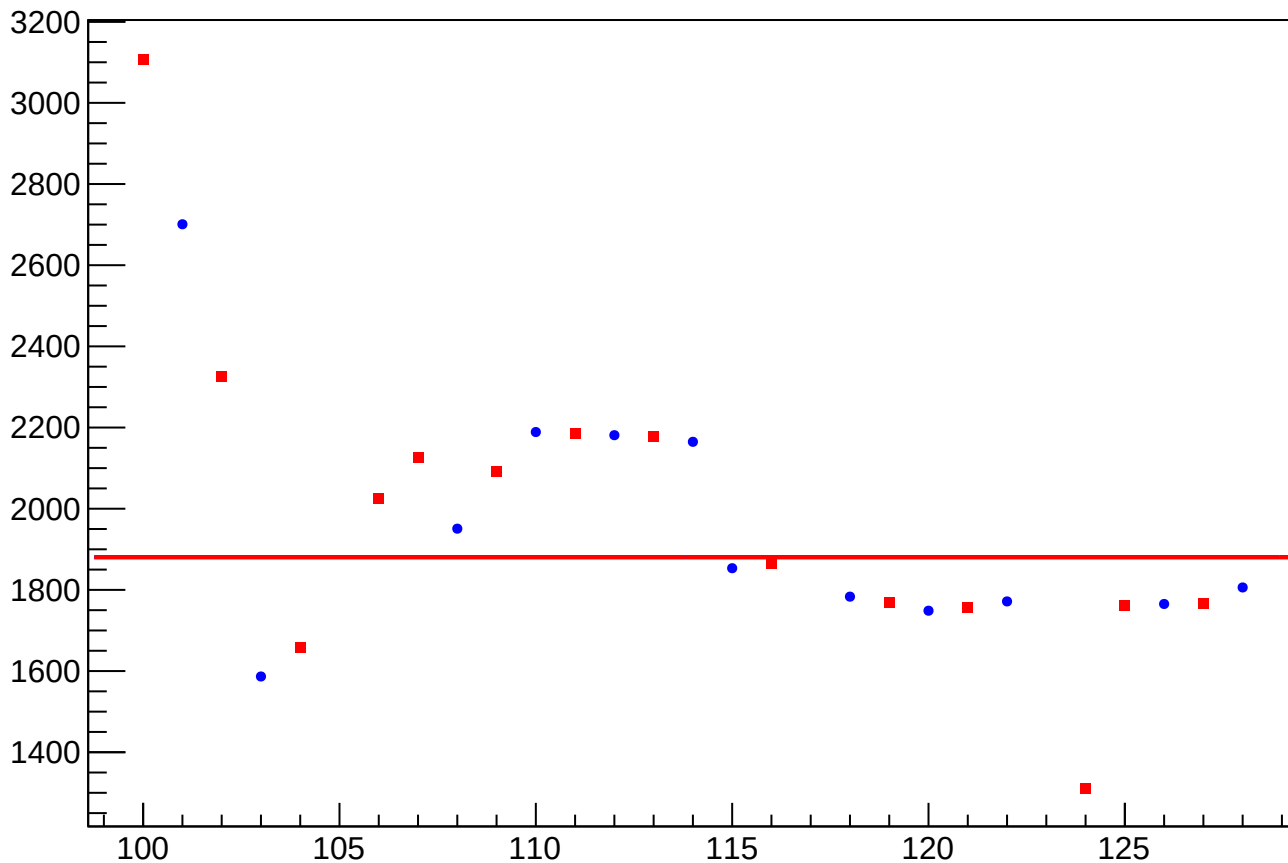
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -219.244+/-590.751 χ^2 /NDF: 26.3/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atl1r2_dd_rms vs Slug



Right In: 1880.549 $\pm$ 0.601 χ^2/NDF : 217119.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1880.340 $\pm$ 0.581 χ^2/NDF : 210774.0/13

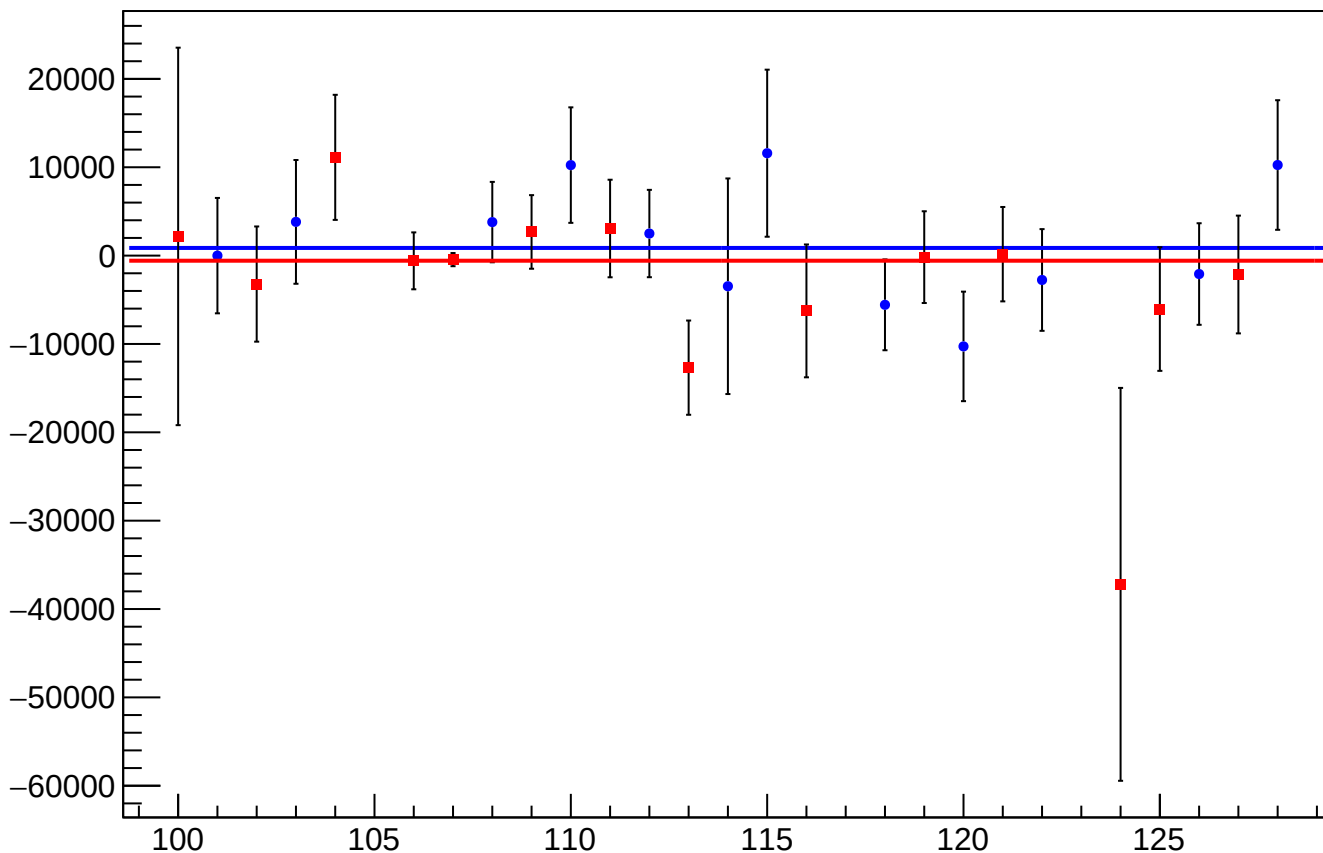
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1880.441 $\pm$ 0.417 χ^2/NDF : 427893.9/25

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_dit_correction_mean vs Slug



Right In: 867.852 ± 1775.284 χ^2/NDF : 11.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -577.933 ± 674.087 χ^2/NDF : 13.1/13

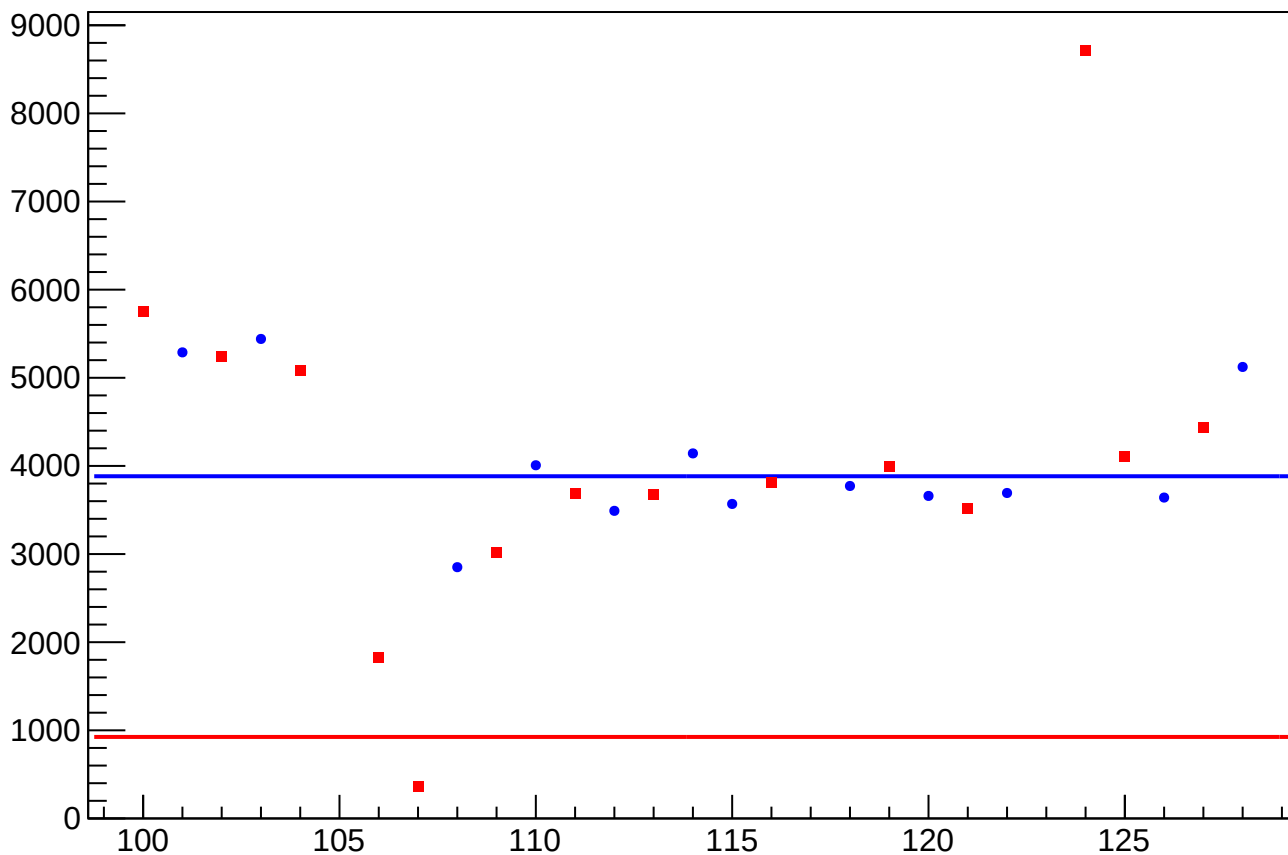
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -395.750 ± 630.187 χ^2/NDF : 25.0/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_dit_correction_rms vs Slug



Right In: 3882.837+/-1.255 χ^2/NDF : 377320.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

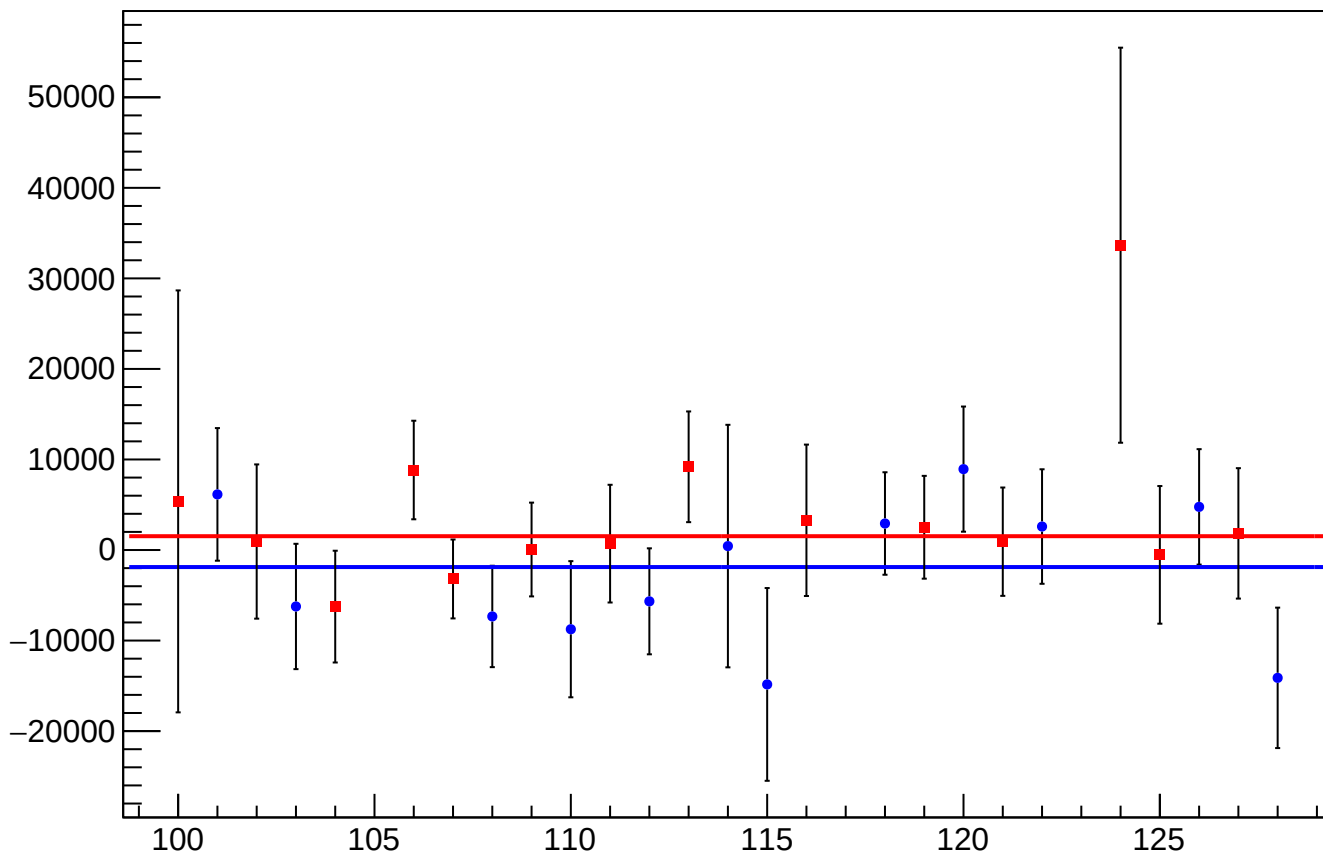
Right Out: 924.923+/-0.477 χ^2/NDF : 7159590.9/13

All: 1297.648+/-0.446 χ^2/NDF : 12389481.6/2

- 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_dd_mean vs Slug



Right In: -1882.018+/-1995.655 χ^2/NDF : 12.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1526.482+/-1746.182 χ^2/NDF : 8.6/13

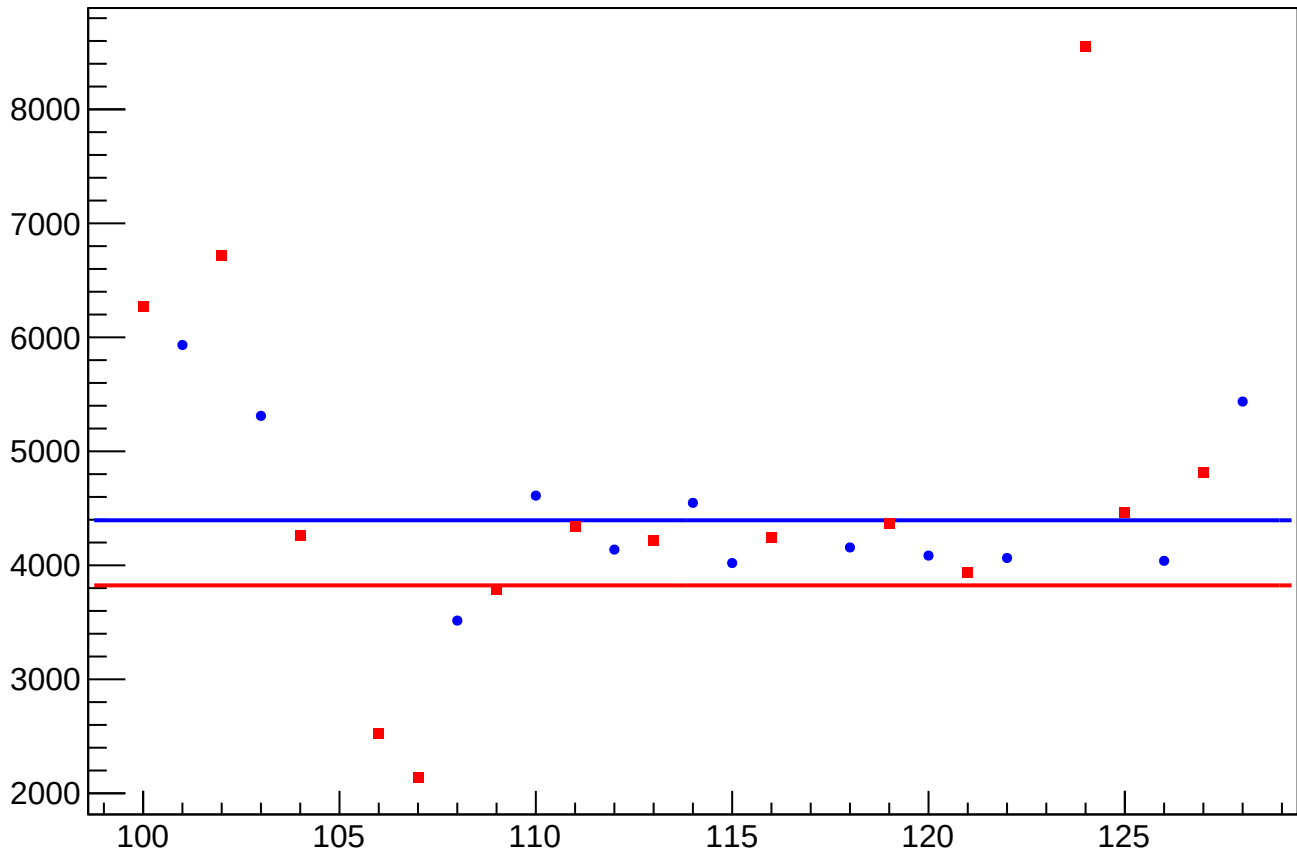
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.475+/-1314.141 χ^2/NDF : 22.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_rms vs Slug



Right In: 4395.081+/-1.411 χ^2 /NDF: 236208.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 3824.152+/-1.219 χ^2 /NDF: 894920.0/13

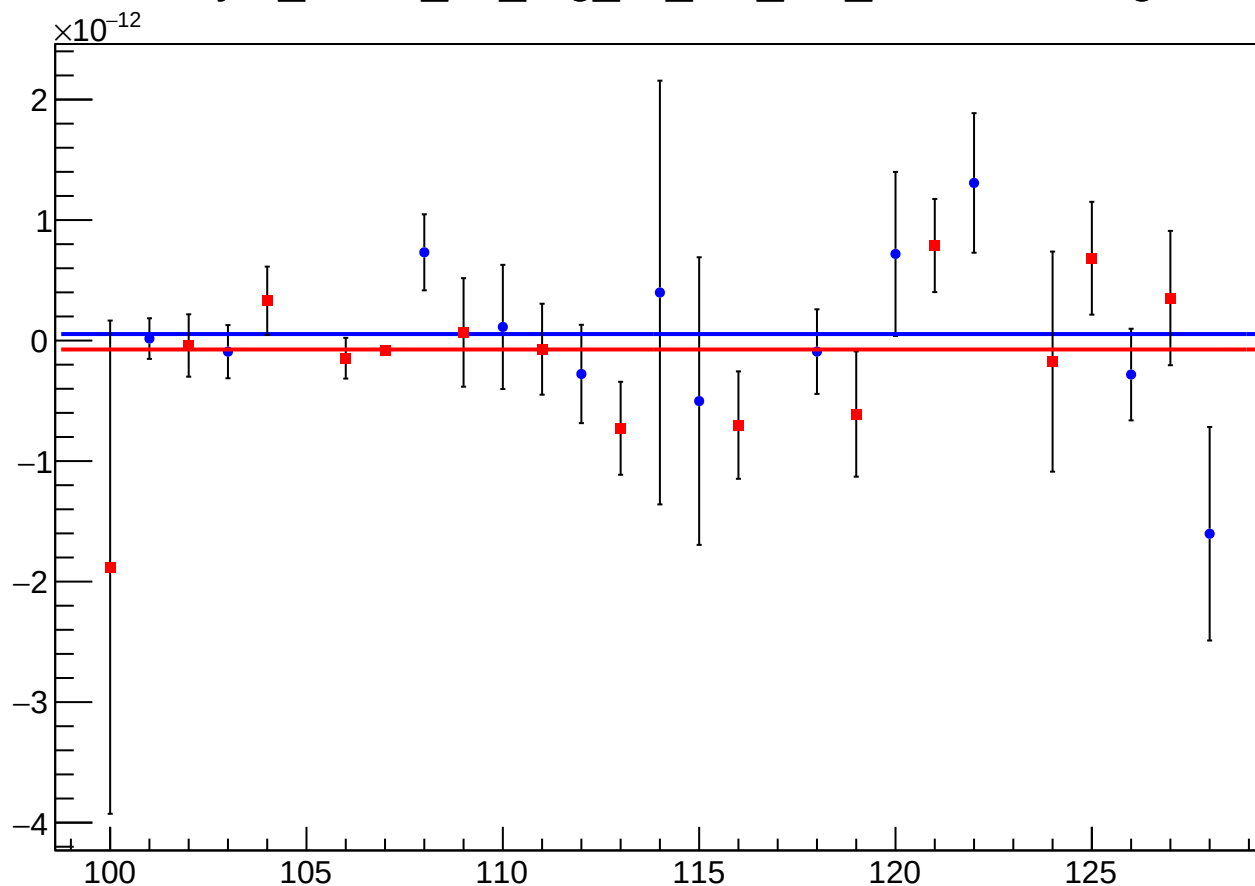
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 4068.175+/-0.923 χ^2 /NDF: 1224854.8/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 16.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 17.2/13

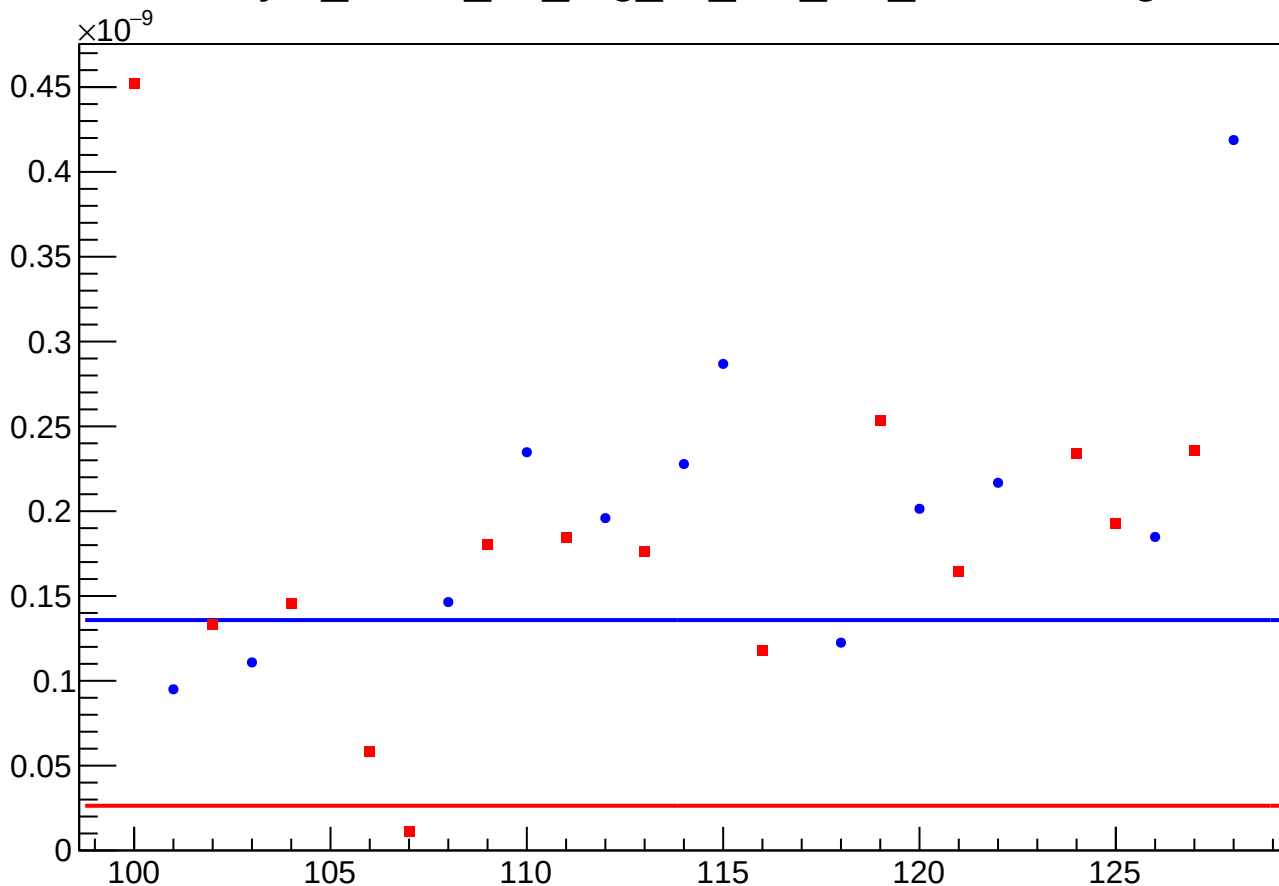
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 34.8/25

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 597649.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3432948.9/13

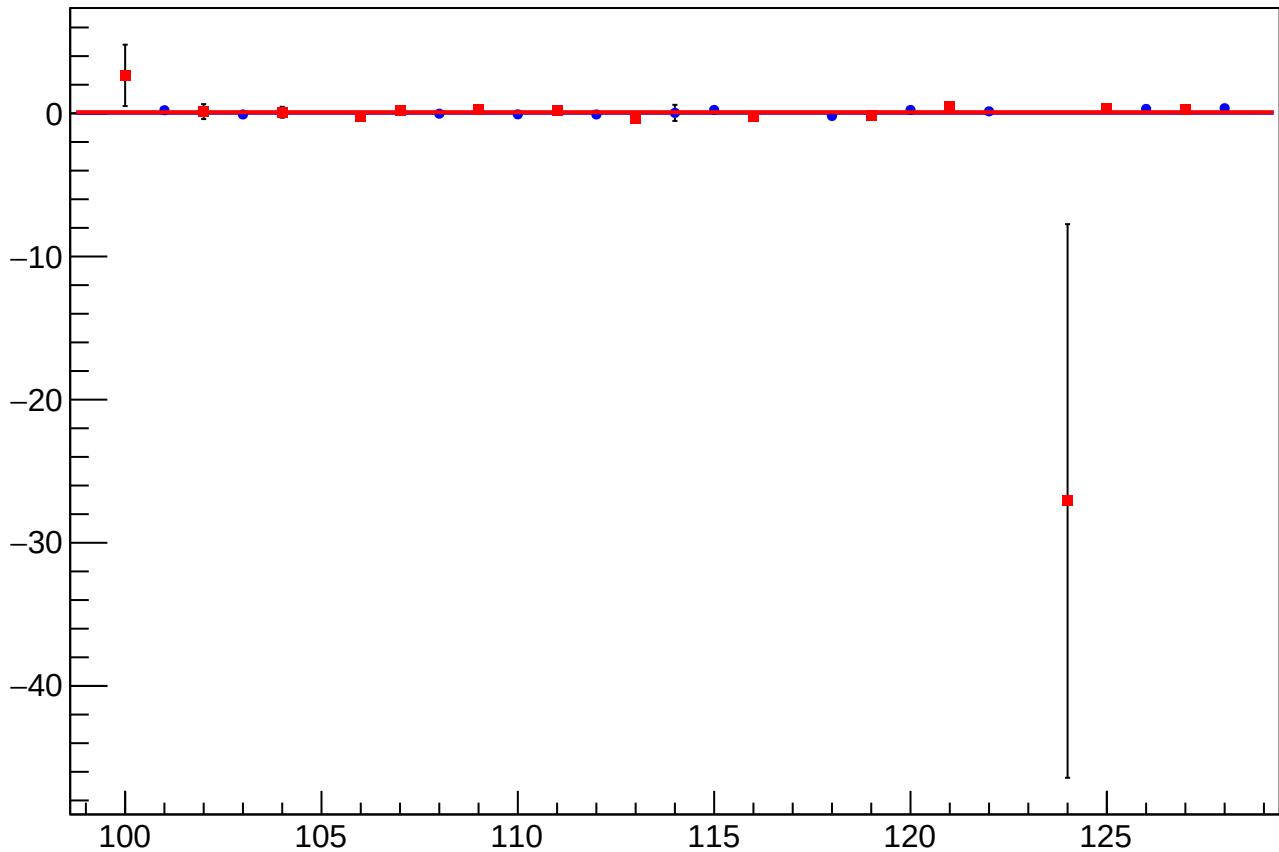
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6135620.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.042 $\pm$ 0.073 χ^2 /NDF: 5.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.080 $\pm$ 0.069 χ^2 /NDF: 15.9/13

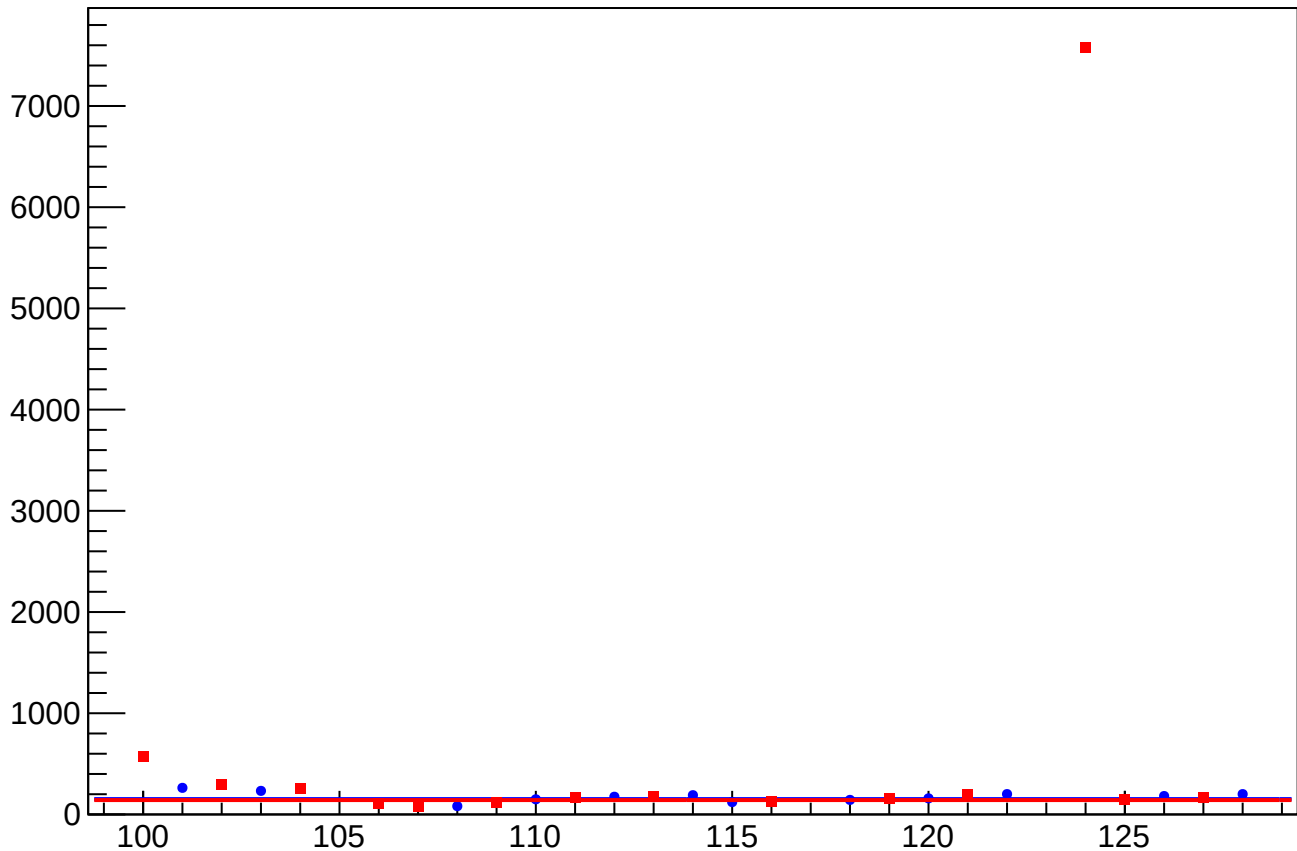
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.062 $\pm$ 0.050 χ^2 /NDF: 21.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 151.636 $\pm$ 0.052 χ^2 /NDF: 999887.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 142.142 $\pm$ 0.049 χ^2 /NDF: 1195742.6/13

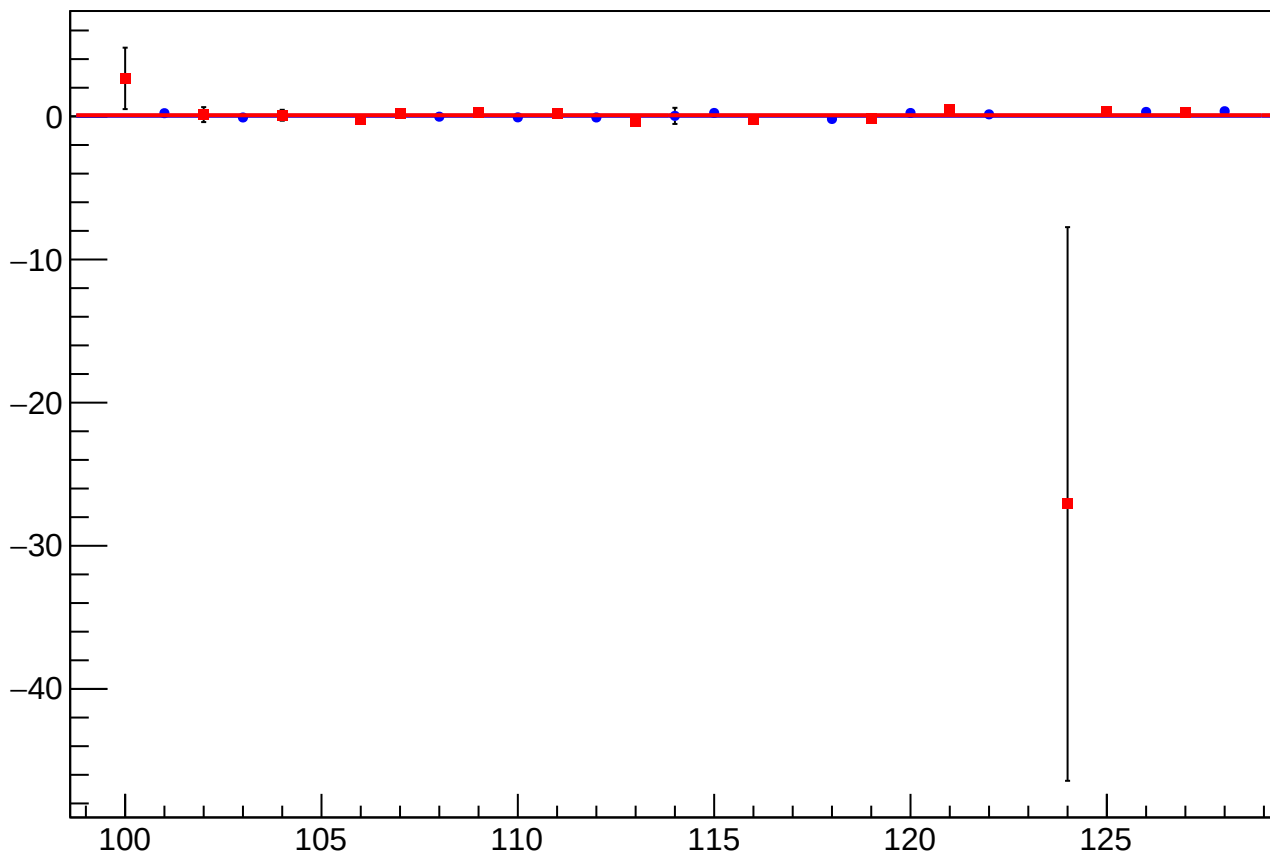
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 146.615 $\pm$ 0.036 χ^2 /NDF: 2213279.1/25

- 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: 0.042 $\pm$ 0.073 χ^2 /NDF: 5.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.080 $\pm$ 0.069 χ^2 /NDF: 15.9/13

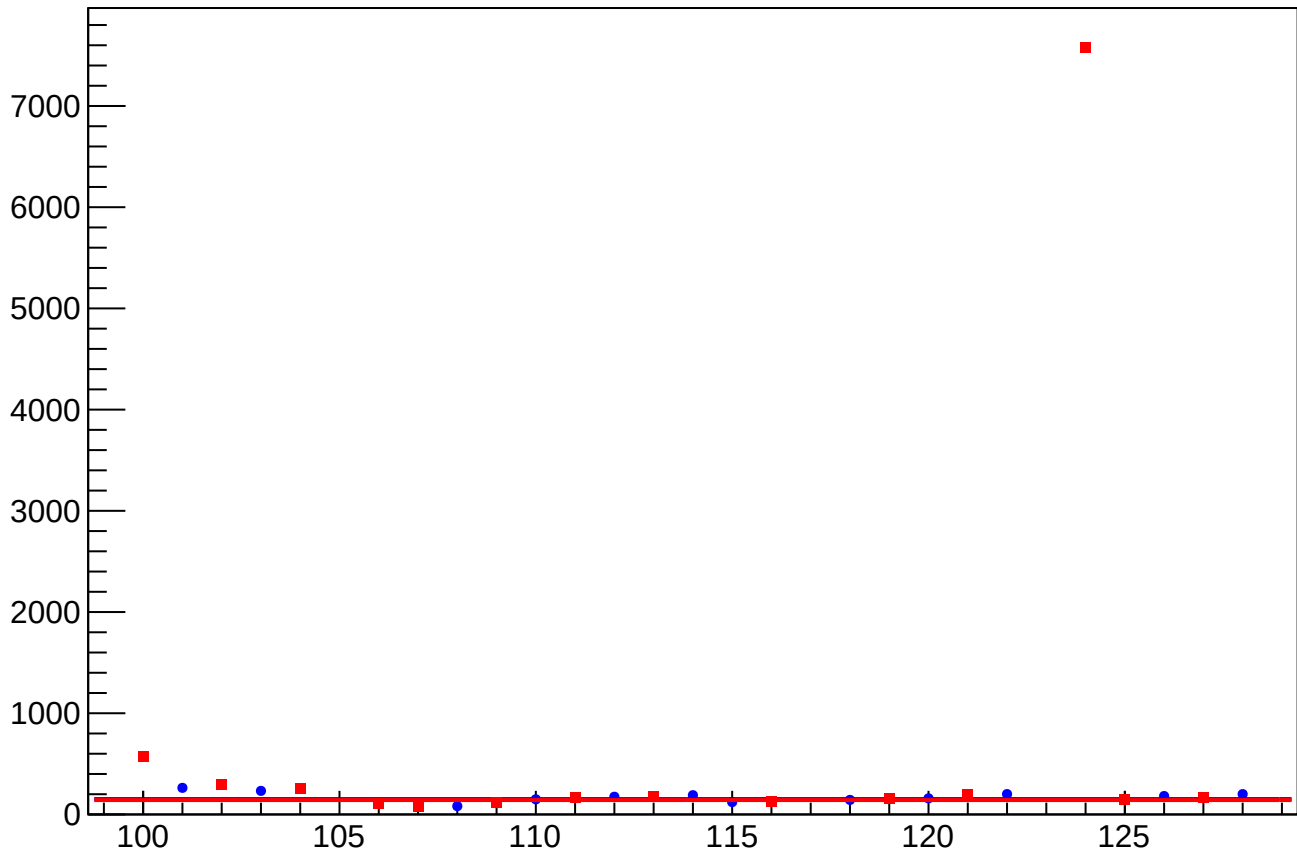
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.062 $\pm$ 0.050 χ^2 /NDF: 21.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 151.636 $\pm$ 0.052 χ^2 /NDF: 999887.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

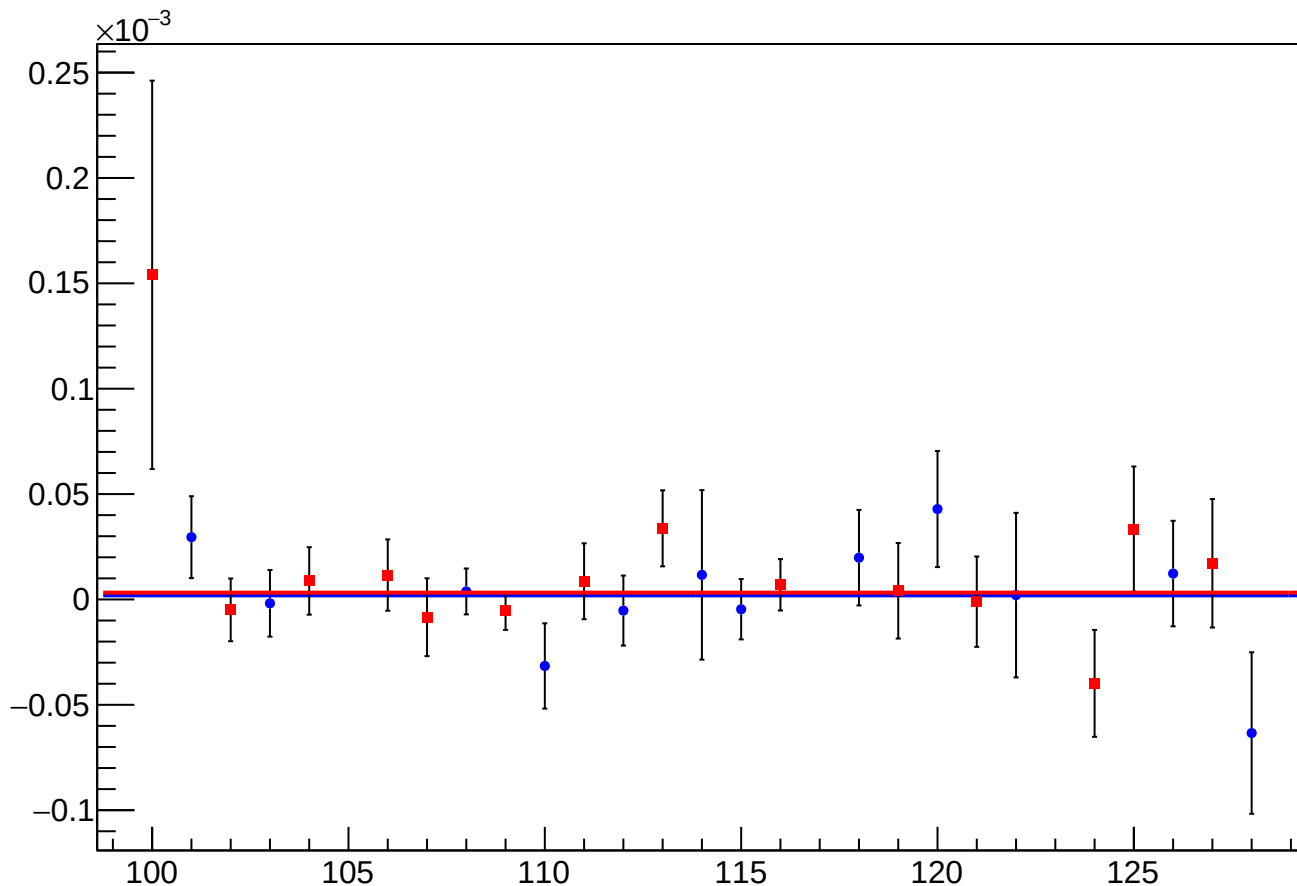
Right Out: 142.142 $\pm$ 0.049 χ^2 /NDF: 1195742.6/13

All: 146.615 $\pm$ 0.036 χ^2 /NDF: 2213279.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.9/13

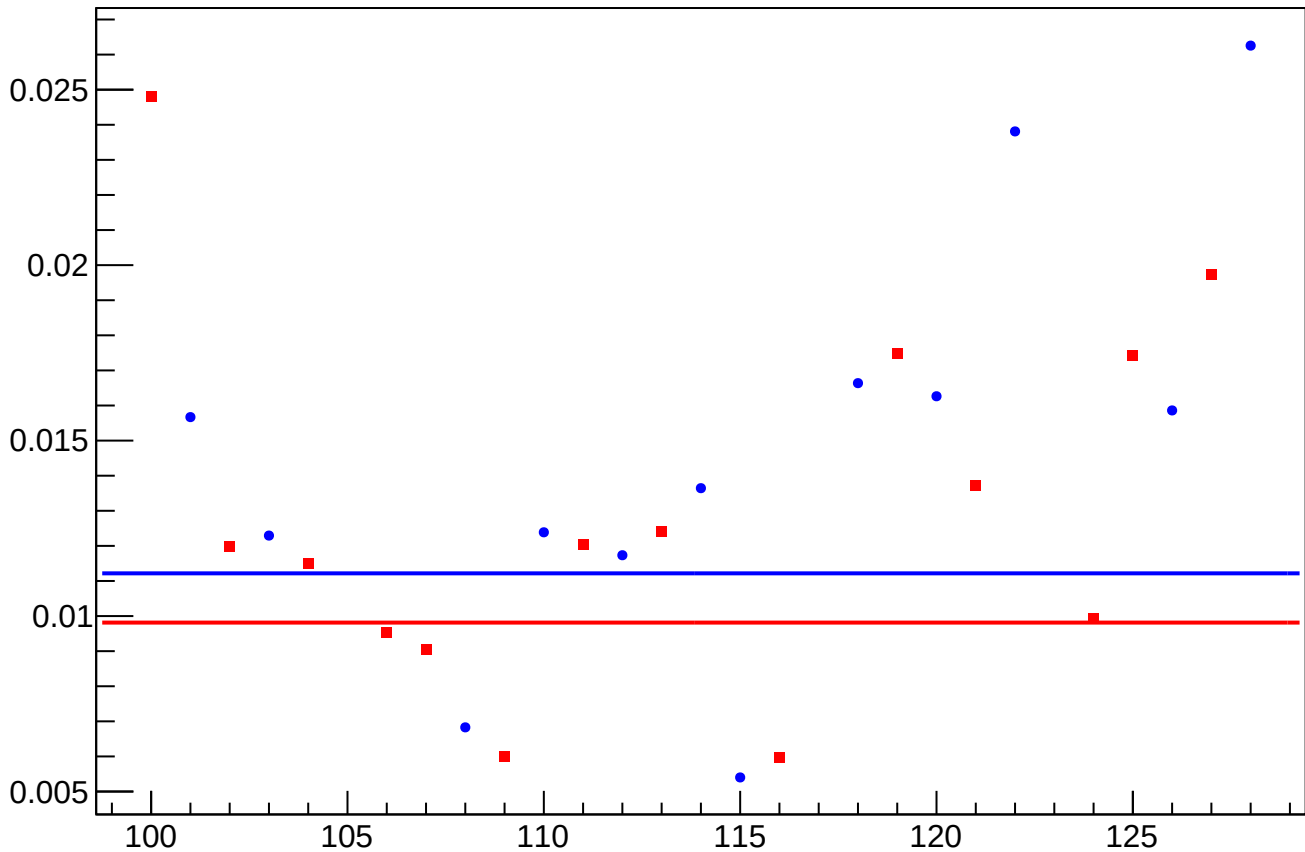
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 1551873.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 1385151.3/13

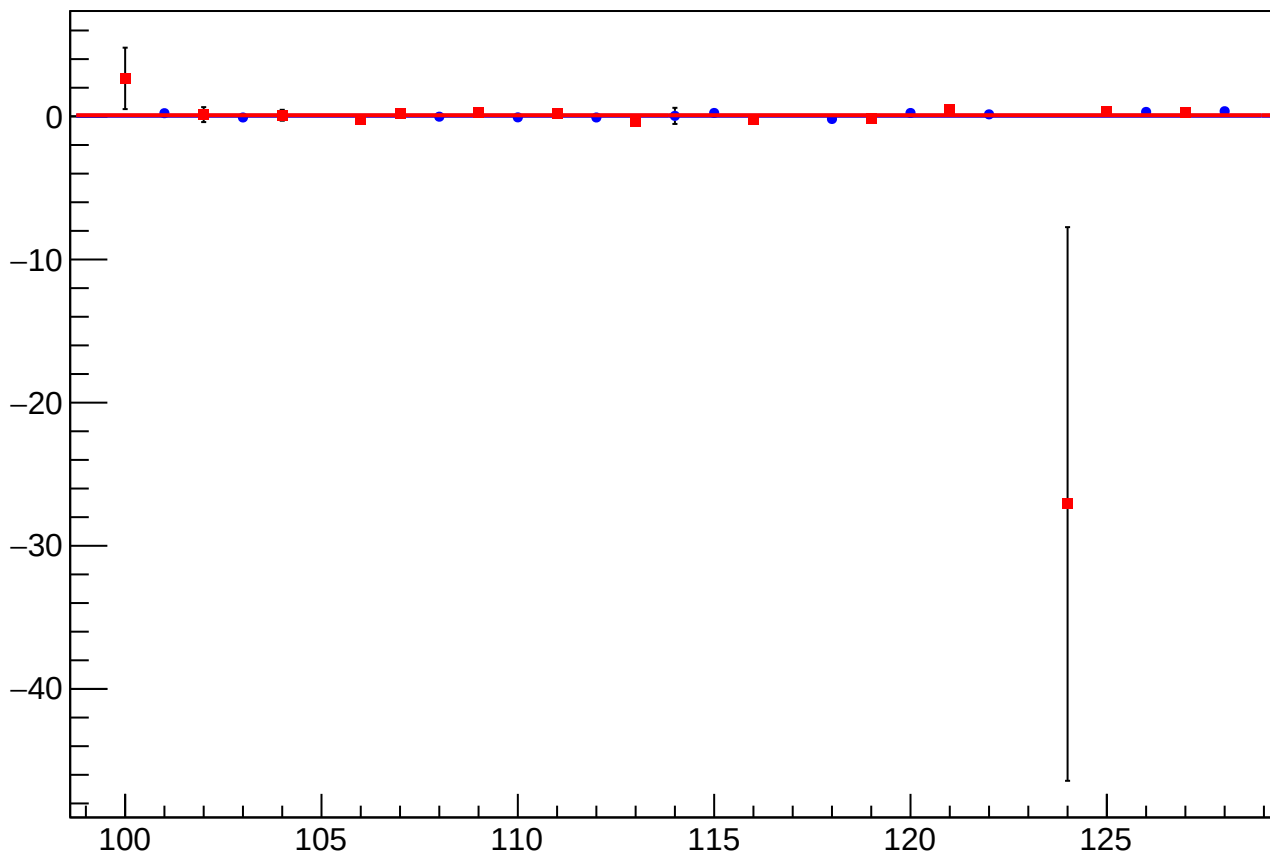
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 3013875.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.042 $\pm$ 0.073 χ^2 /NDF: 5.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.080 $\pm$ 0.069 χ^2 /NDF: 15.9/13

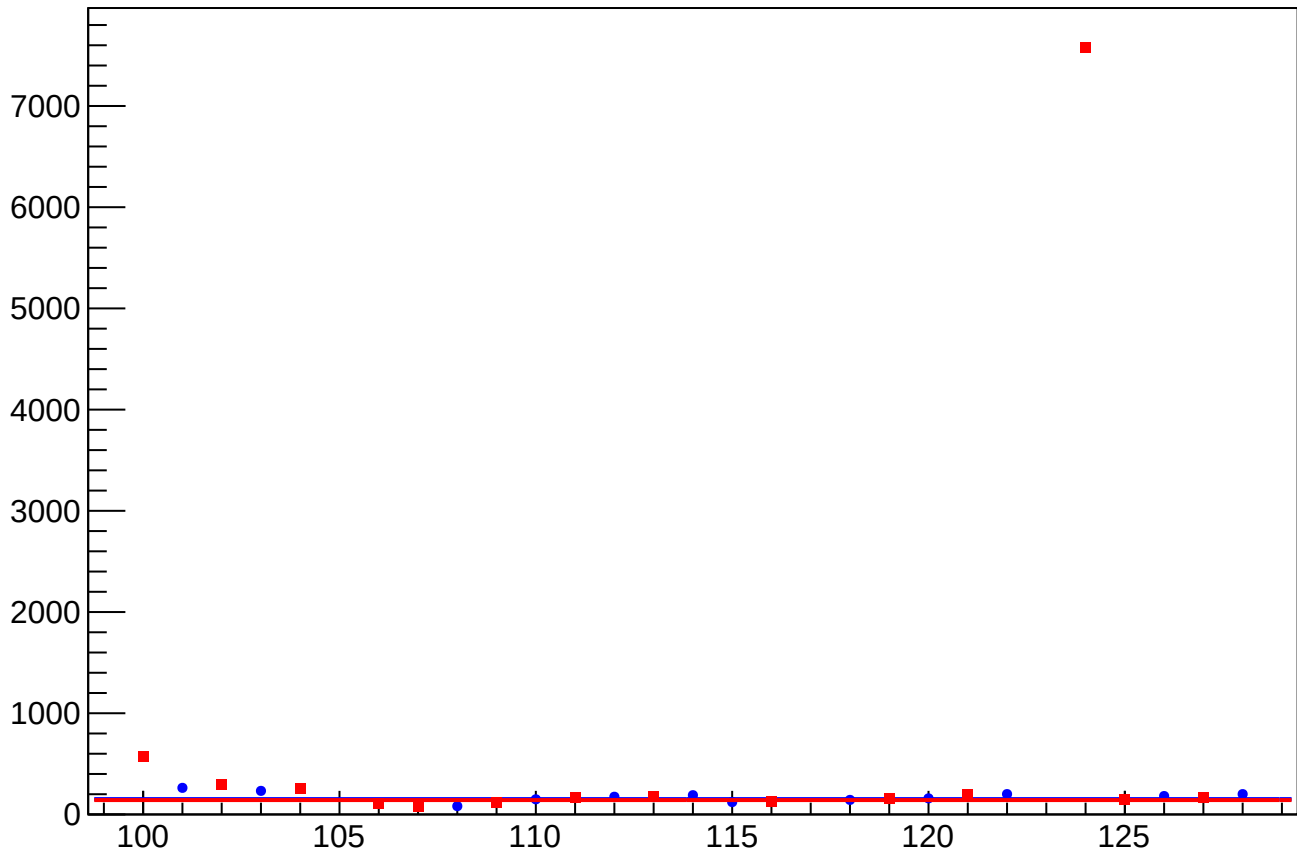
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.062 $\pm$ 0.050 χ^2 /NDF: 21.4/25

- 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: 151.635+/-0.052 χ^2/NDF : 999883.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.142+/-0.049 χ^2/NDF : 1195770.6/13

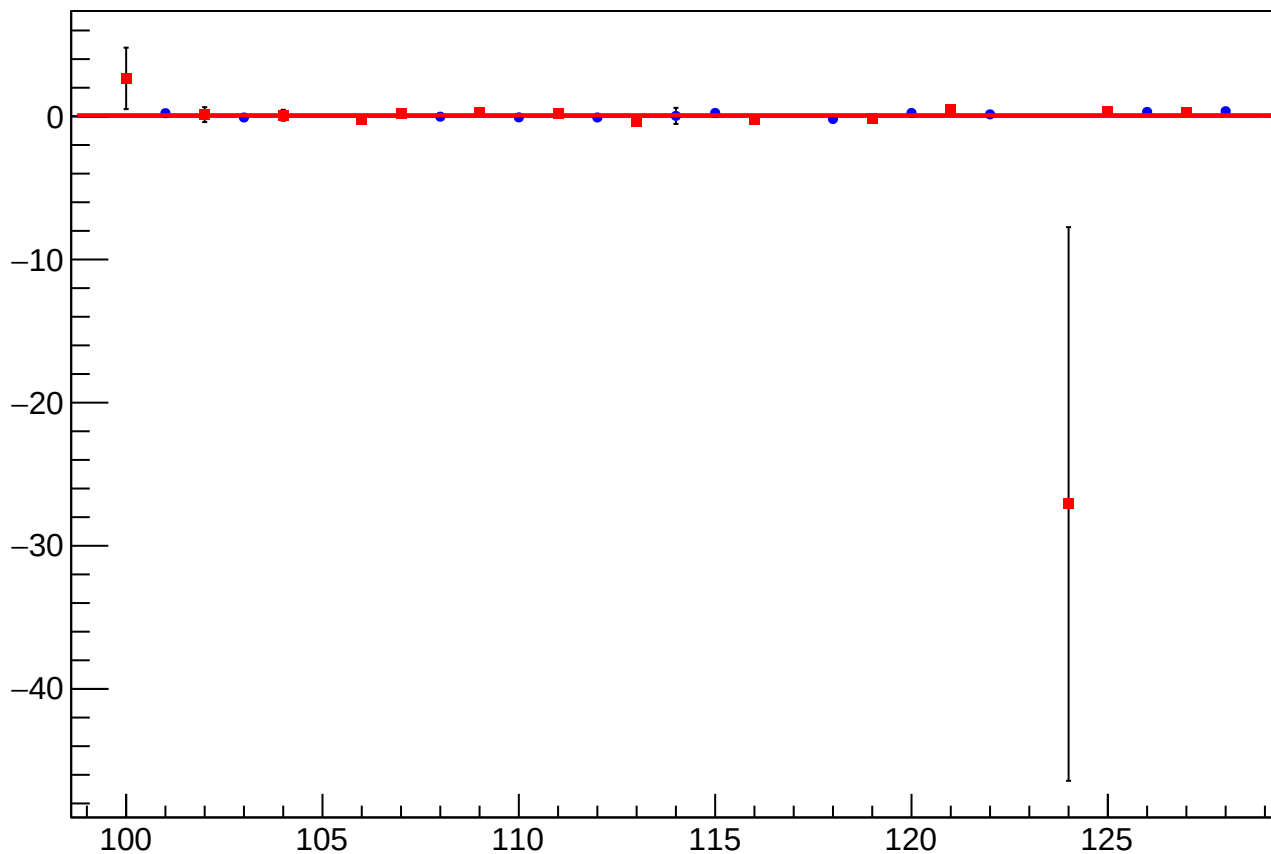
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.615+/-0.036 χ^2/NDF : 2213301.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.042 $\pm$ 0.073 χ^2 /NDF: 5.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.080 $\pm$ 0.069 χ^2 /NDF: 15.9/13

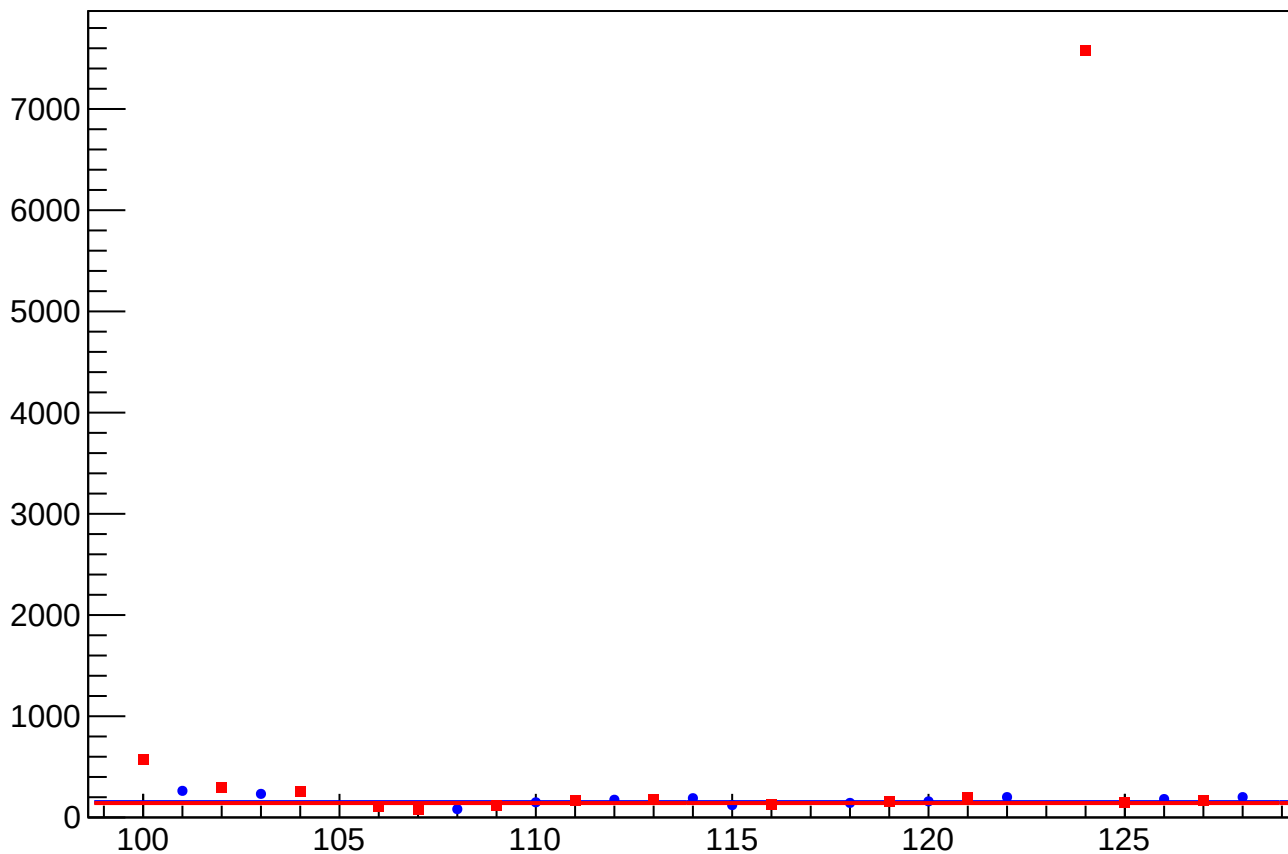
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.062 $\pm$ 0.050 χ^2 /NDF: 21.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 151.635+/-0.052 χ^2/NDF : 999883.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.142+/-0.049 χ^2/NDF : 1195770.6/13

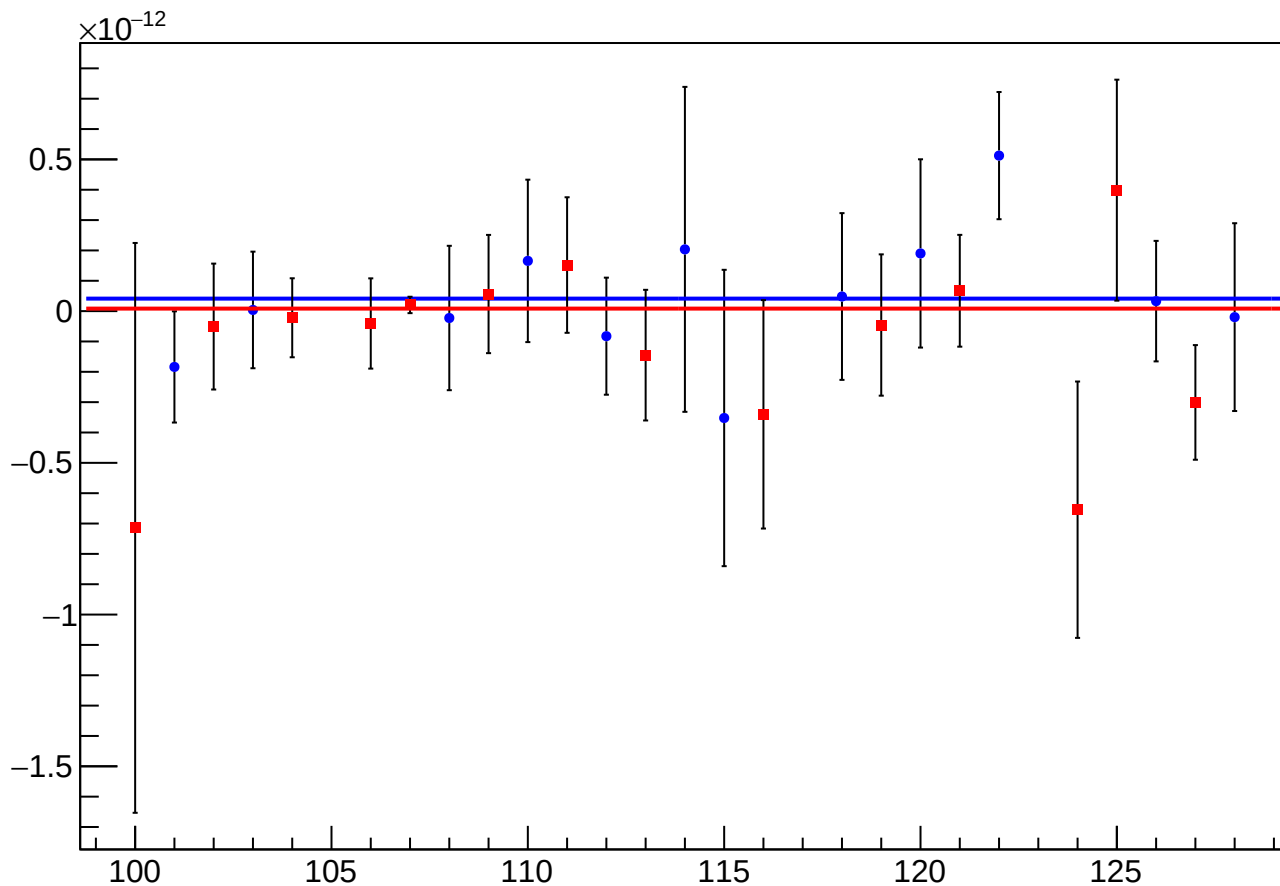
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.615+/-0.036 χ^2/NDF : 2213301.6/25

- 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 ± 0.000 χ^2/NDF : 8.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 9.3/13

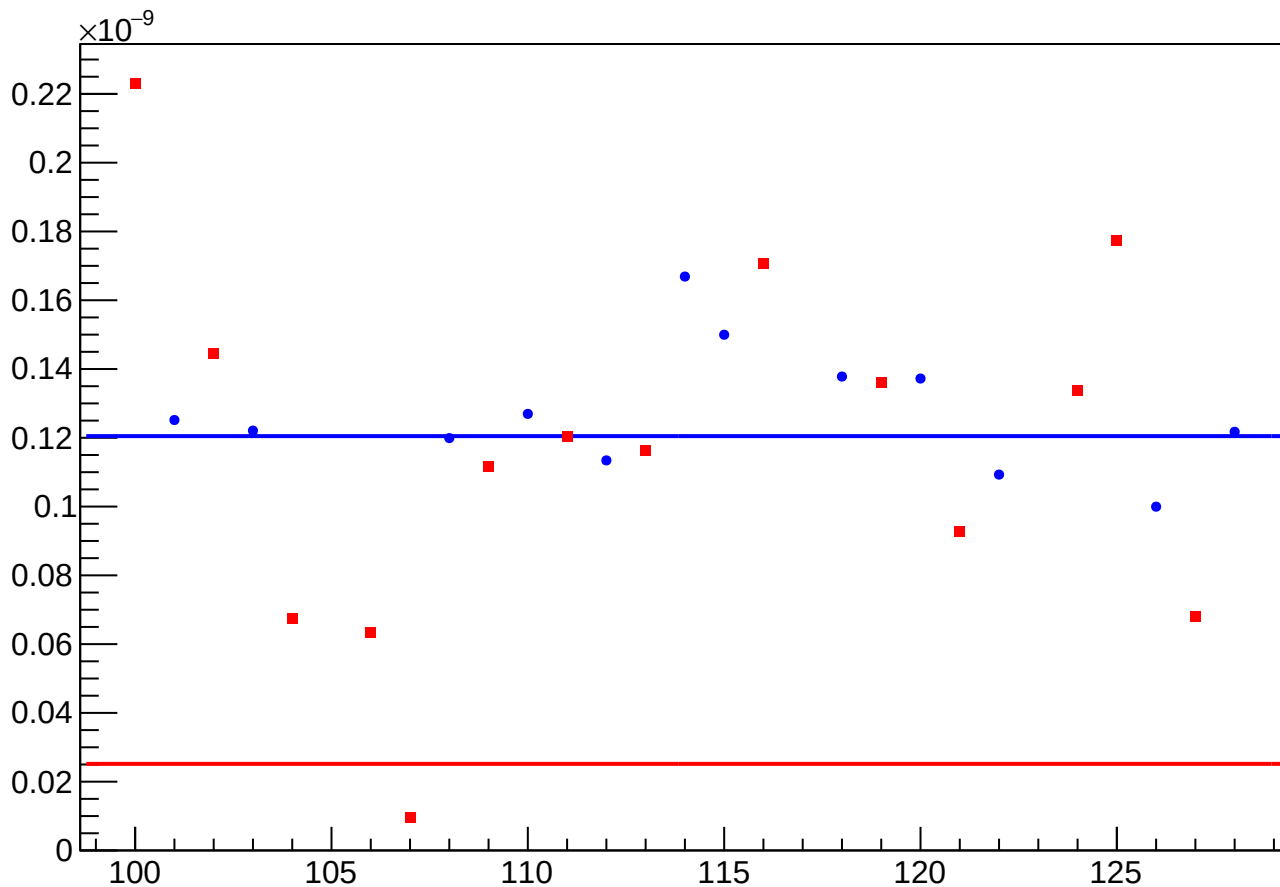
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 17.8/25

- sign 0.000 ± 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 : 68483.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4484785.6/13

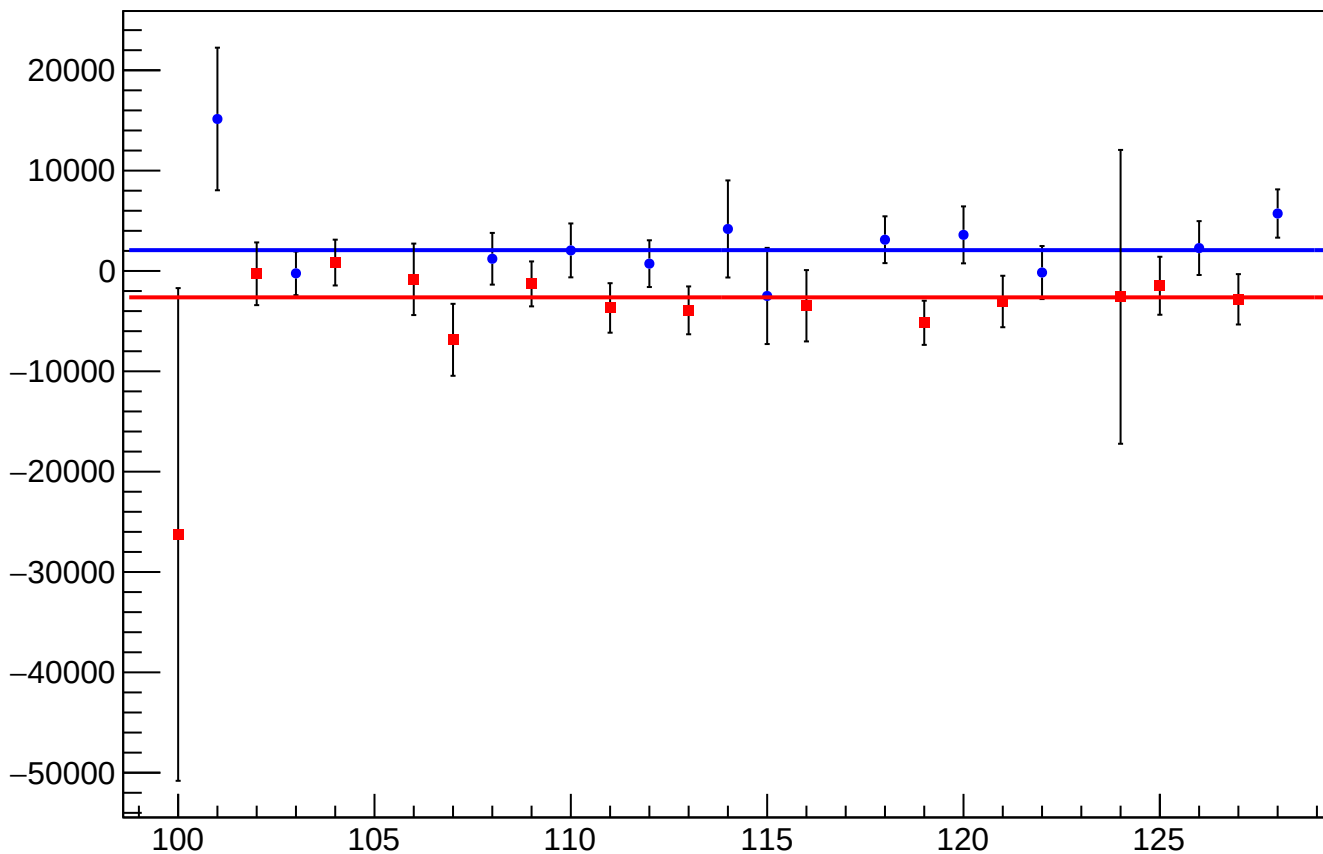
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7872994.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_mean vs Slug



Right In: 2074.767 $\pm$ 802.196 χ^2 /NDF: 9.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2629.205 $\pm$ 763.938 χ^2 /NDF: 7.9/13

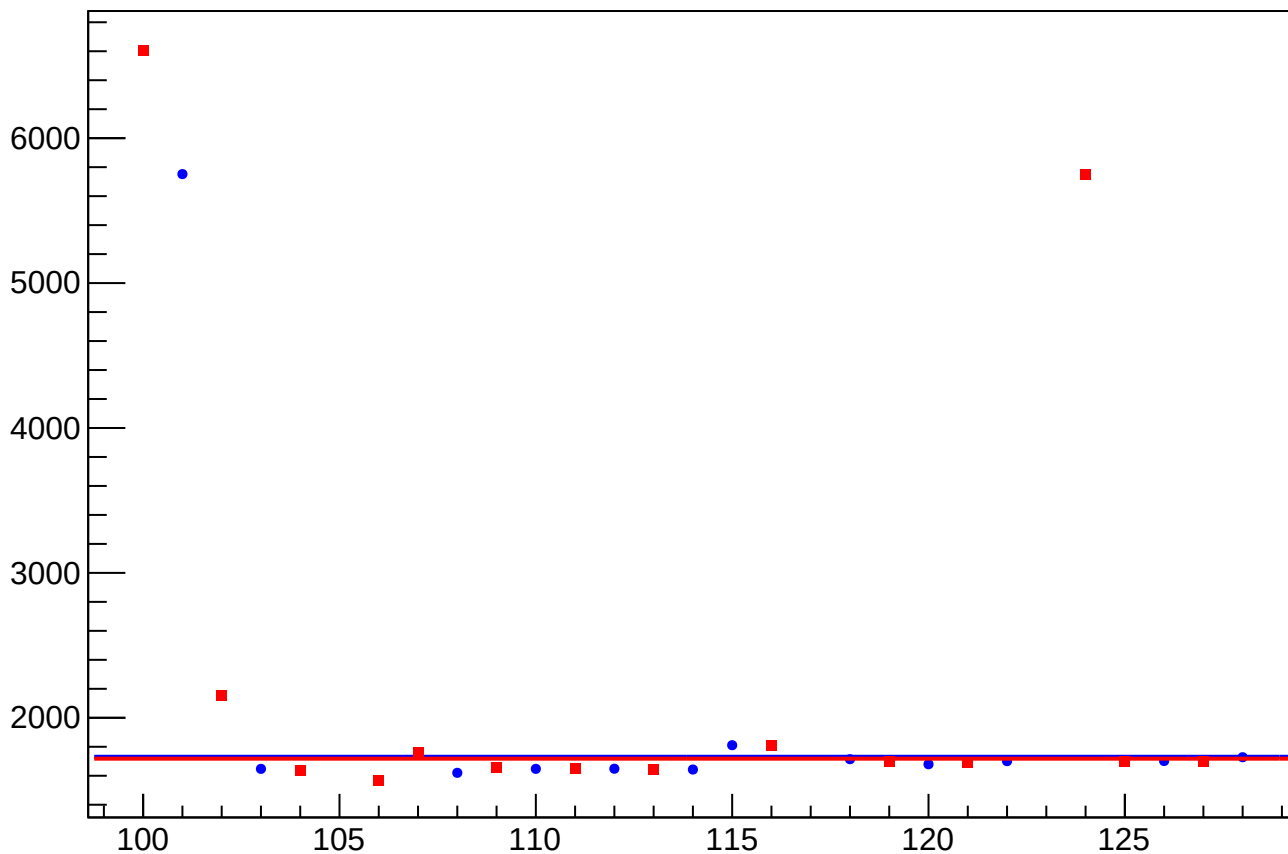
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -392.060 $\pm$ 553.217 χ^2 /NDF: 35.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_avg_rms vs Slug



Right In: 1730.901+/-0.567 χ^2/NDF : 654077.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1717.925+/-0.535 χ^2/NDF : 284578.5/13

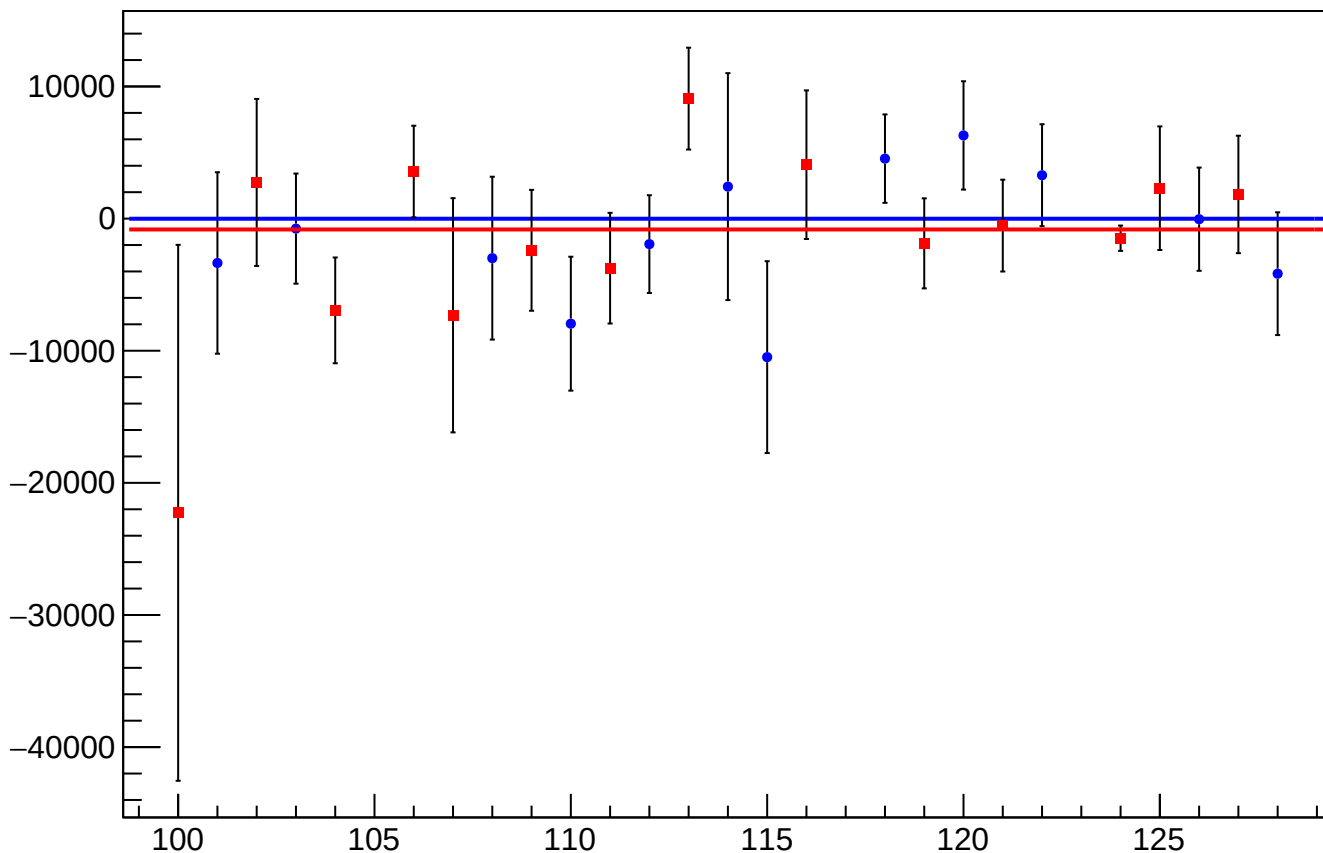
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1724.032+/-0.389 χ^2/NDF : 938932.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr12_avg_reg_correction_mean vs Slug



Right In: -9.546+/-1315.825 χ^2/NDF : 11.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -820.855+/-756.748 χ^2/NDF : 15.3/13

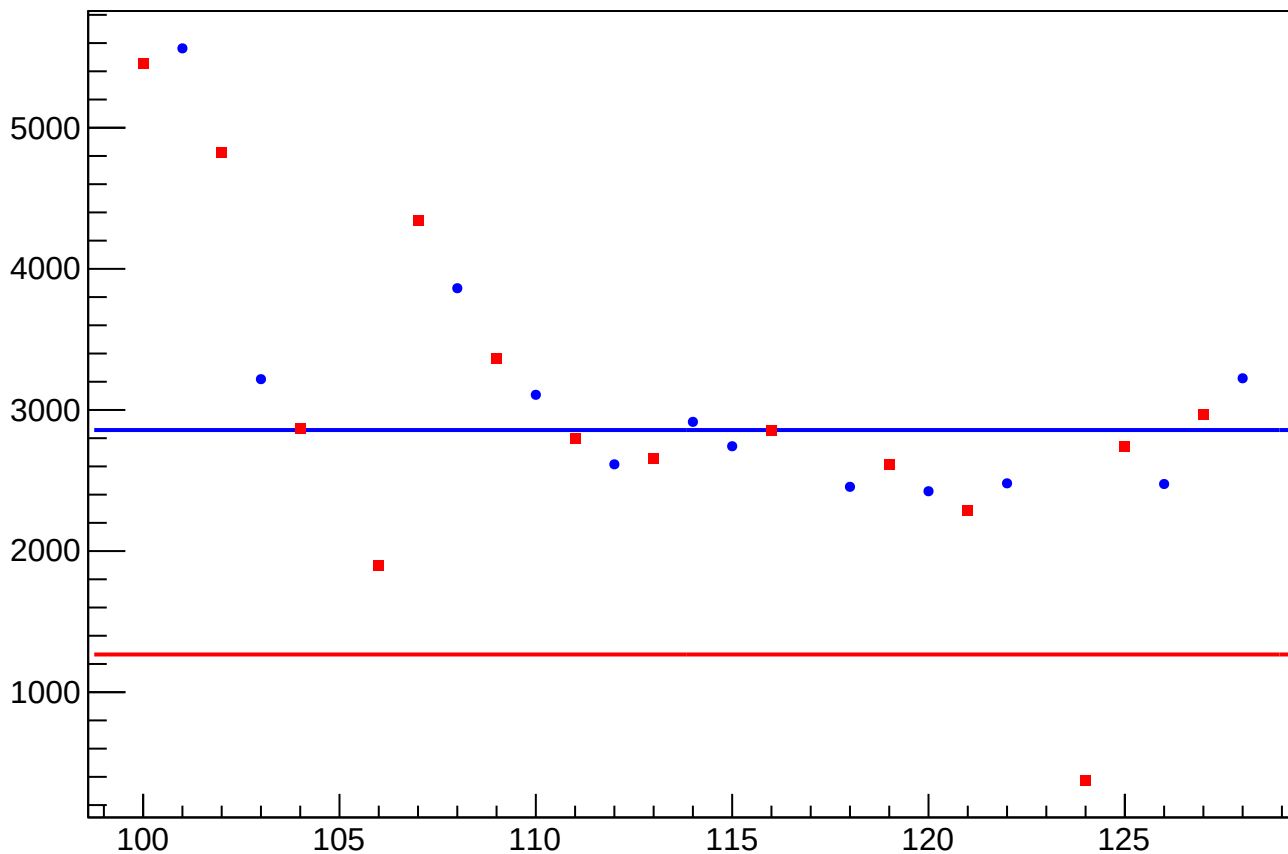
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -619.207+/-655.997 χ^2/NDF : 26.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_reg_correction_rms vs Slug



Right In: 2857.716+/-0.930 χ^2/NDF : 494651.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

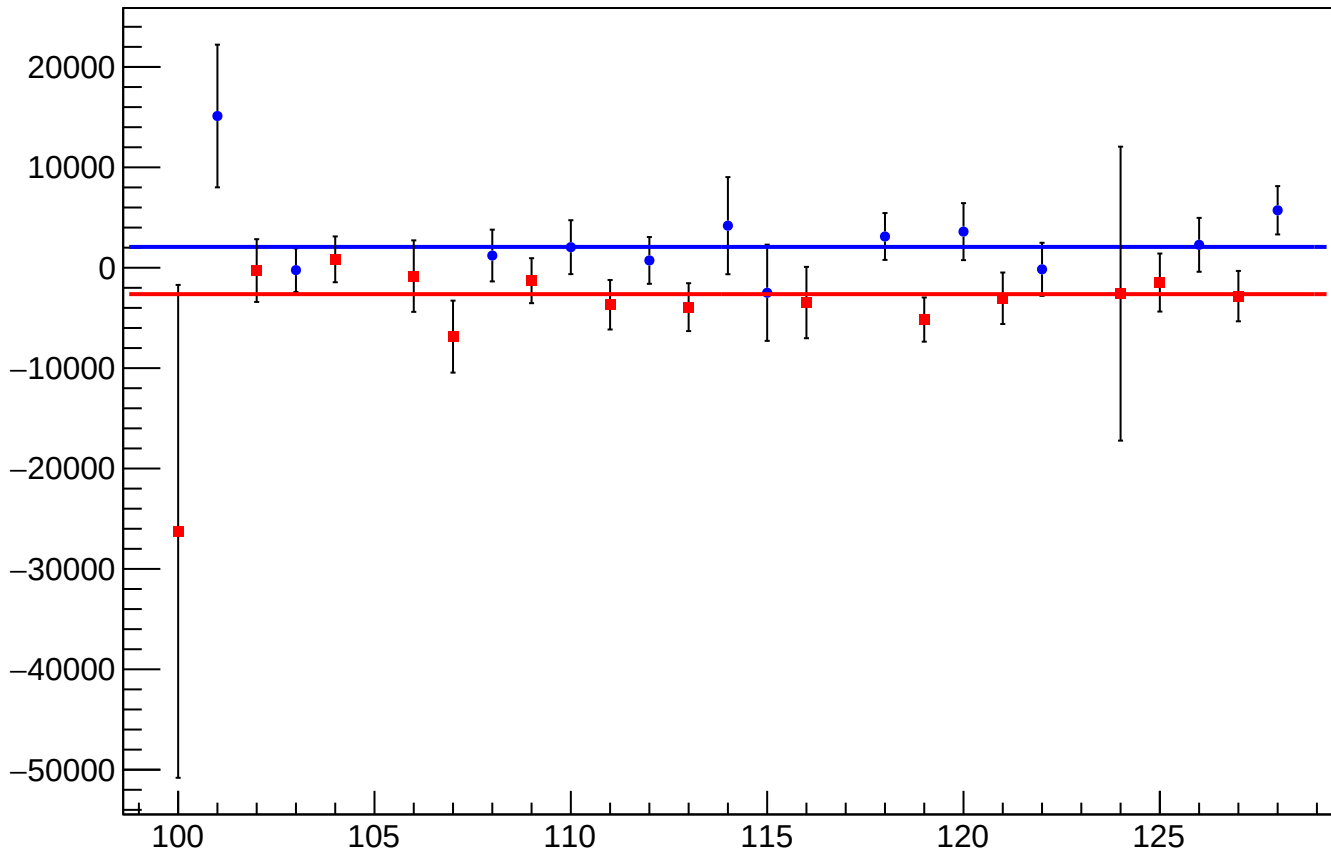
Right Out: 1267.187+/-0.535 χ^2/NDF : 5179058.2/13

All: 1662.508+/-0.464 χ^2/NDF : 7869643.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr1l2_avg_mean vs Slug



Right In: 2074.420+/-802.197 χ^2/NDF : 9.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2629.295+/-763.938 χ^2/NDF : 7.9/13

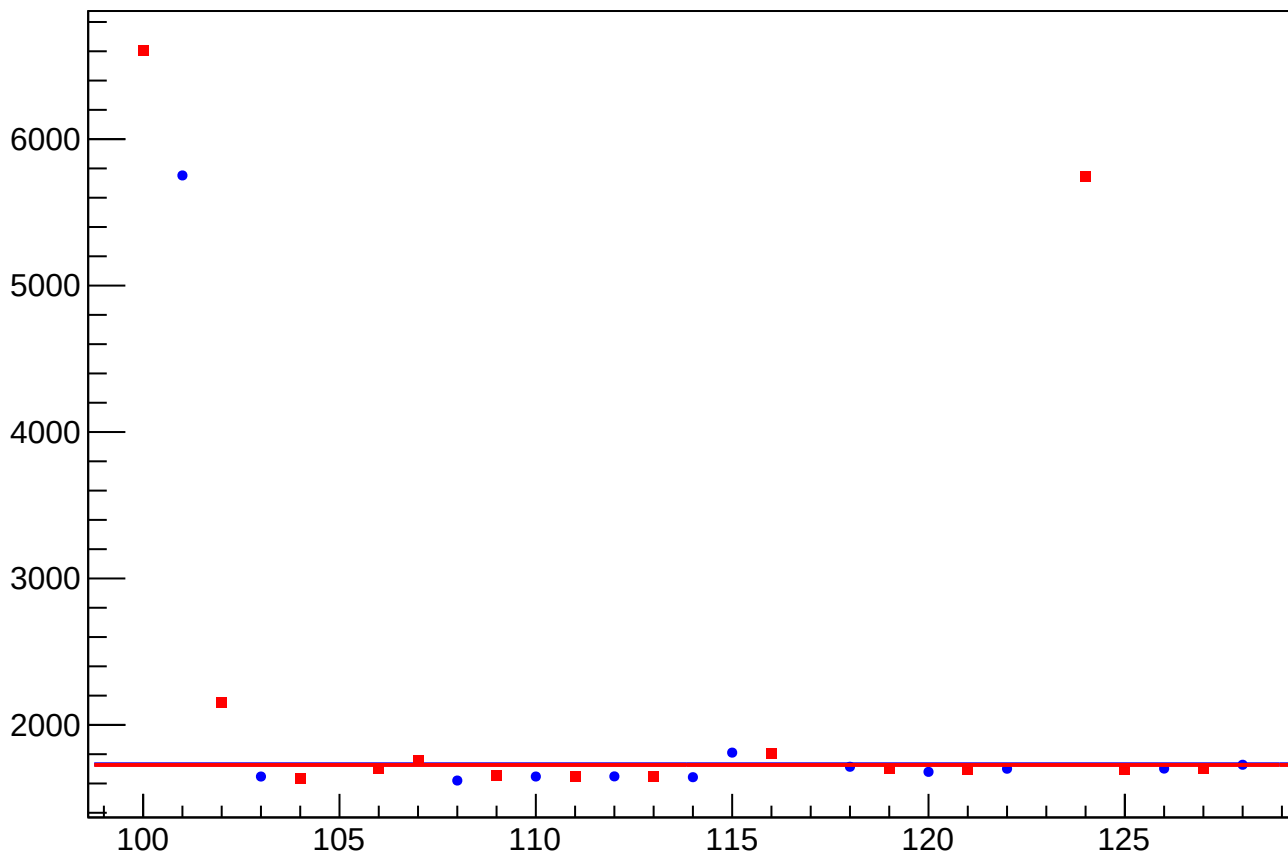
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -392.273+/-553.217 χ^2/NDF : 35.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr1l2_avg_rms vs Slug



Right In: 1730.900+/-0.567 χ^2/NDF : 654077.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1726.798+/-0.537 χ^2/NDF : 279219.7/13

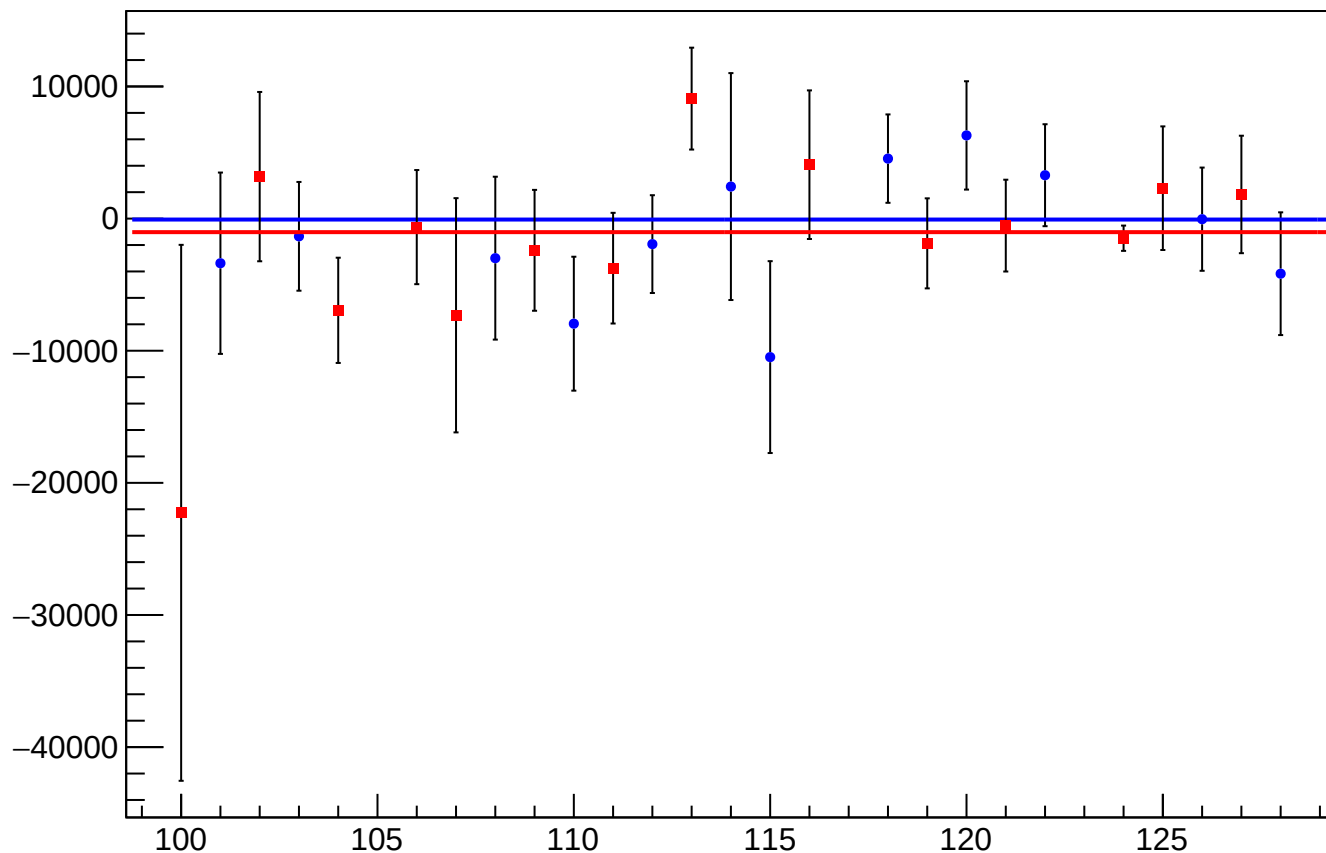
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1728.739+/-0.390 χ^2/NDF : 933324.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_cor_correction_mean vs Slug



Right In: -71.682 ± 1314.124 χ^2/NDF : 11.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1025.029 ± 763.241 χ^2/NDF : 13.7/13

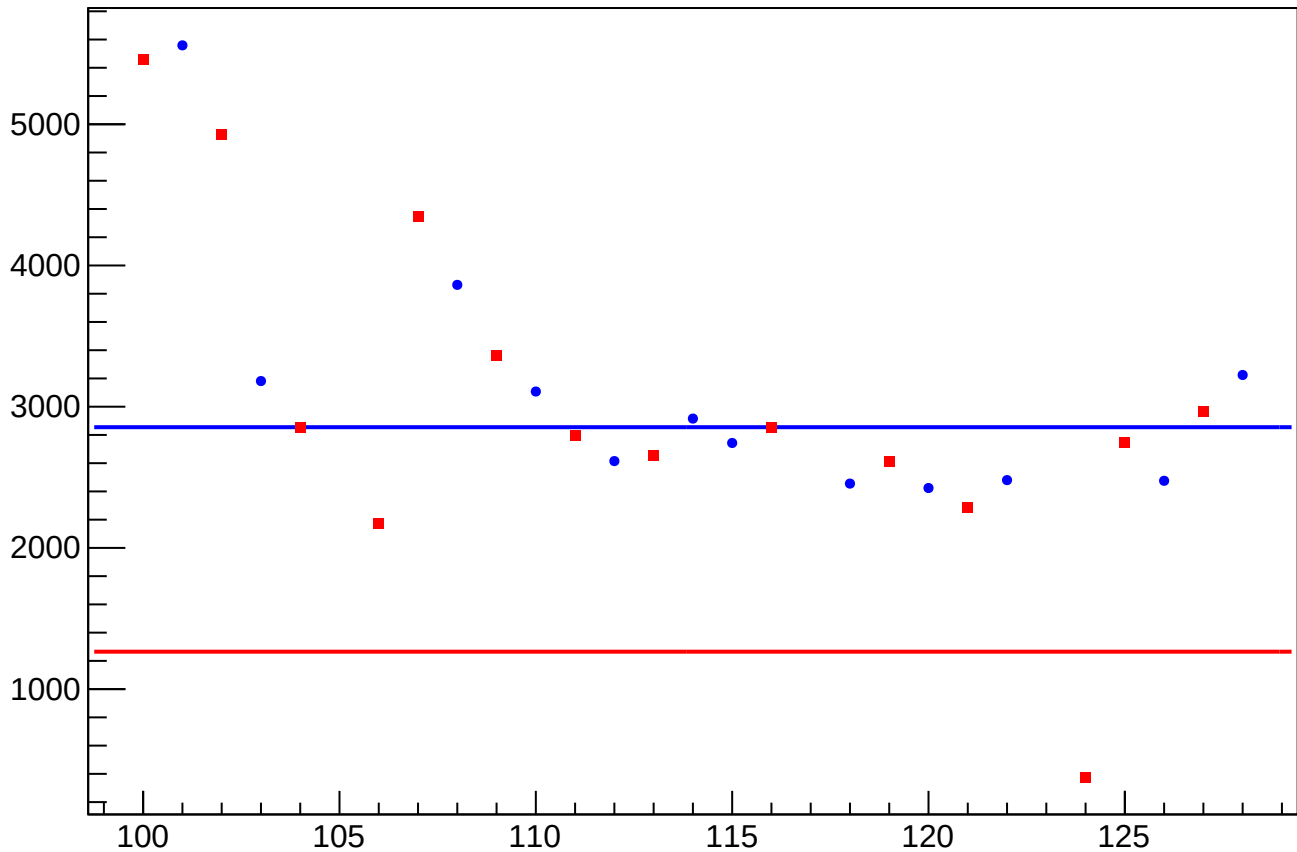
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -784.557 ± 659.999 χ^2/NDF : 25.3/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_cor_correction_rms vs Slug



Right In: 2854.880 $\pm$ 0.929 χ^2 /NDF: 491582.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1265.147 $\pm$ 0.540 χ^2 /NDF: 5217248.7/13

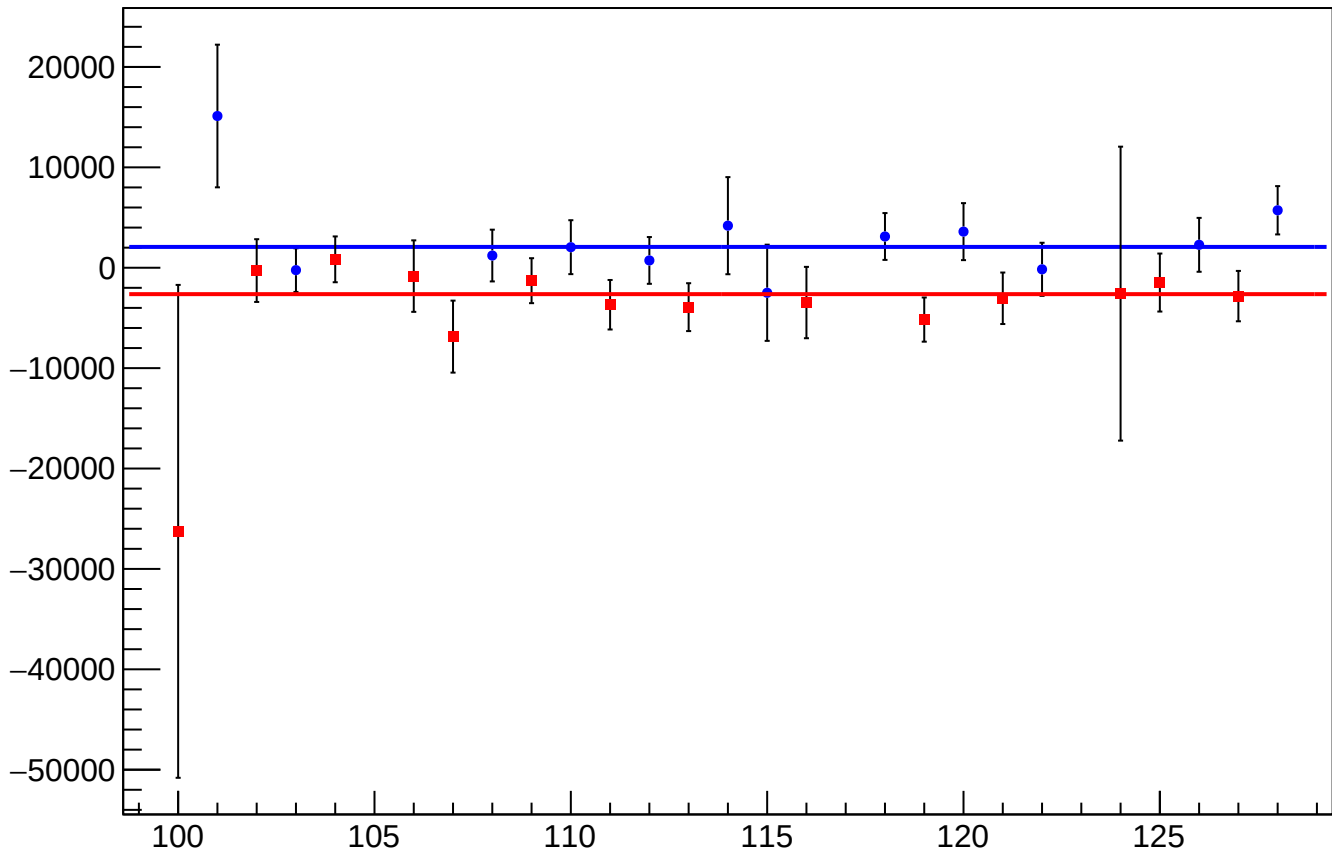
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1666.140 $\pm$ 0.467 χ^2 /NDF: 7897439.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atr1l2_avg_mean vs Slug



Right In: 2074.420 $\pm$ 802.197 χ^2 /NDF: 9.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2629.295 $\pm$ 763.938 χ^2 /NDF: 7.9/13

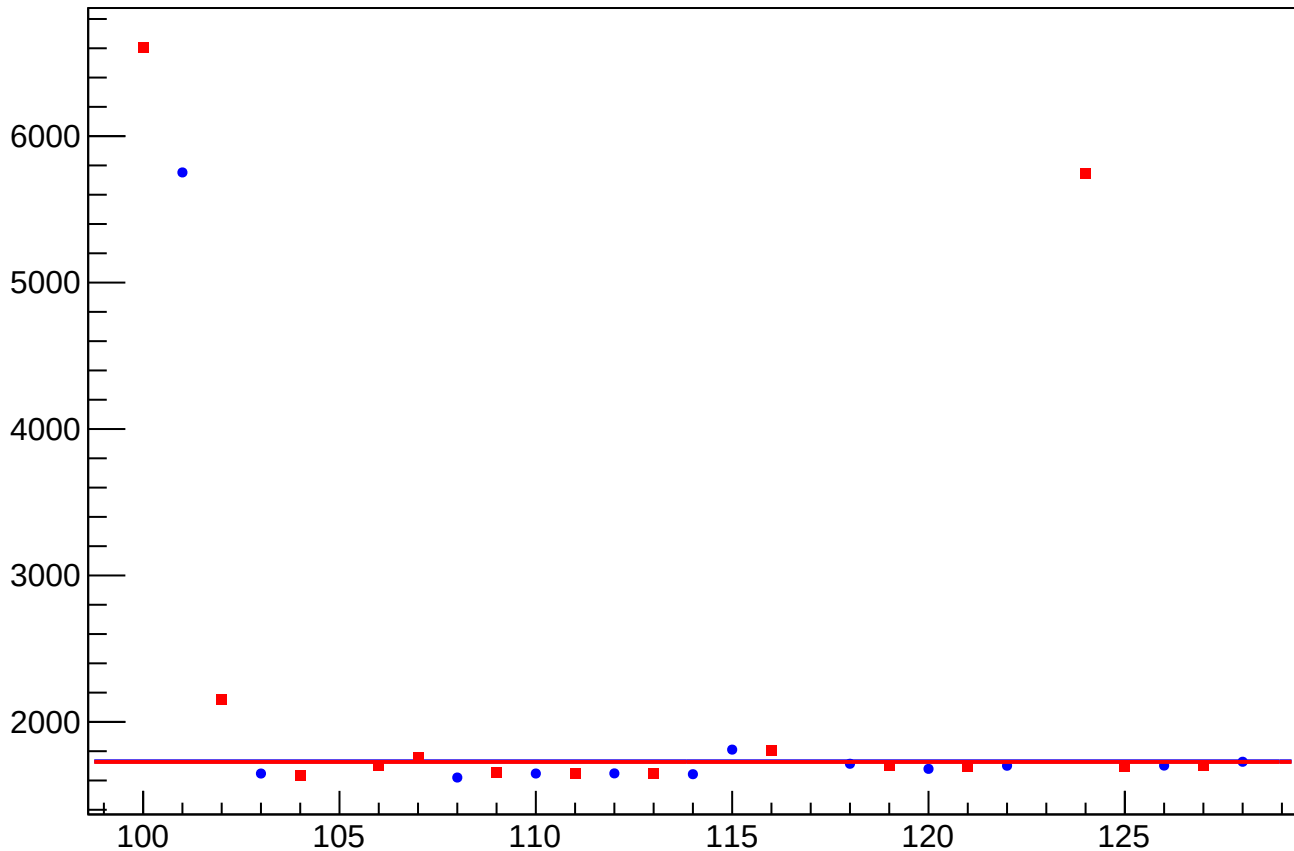
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -392.273 $\pm$ 553.217 χ^2 /NDF: 35.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atr1l2_avg_rms vs Slug



Right In: 1730.900+/-0.567 χ^2/NDF : 654077.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

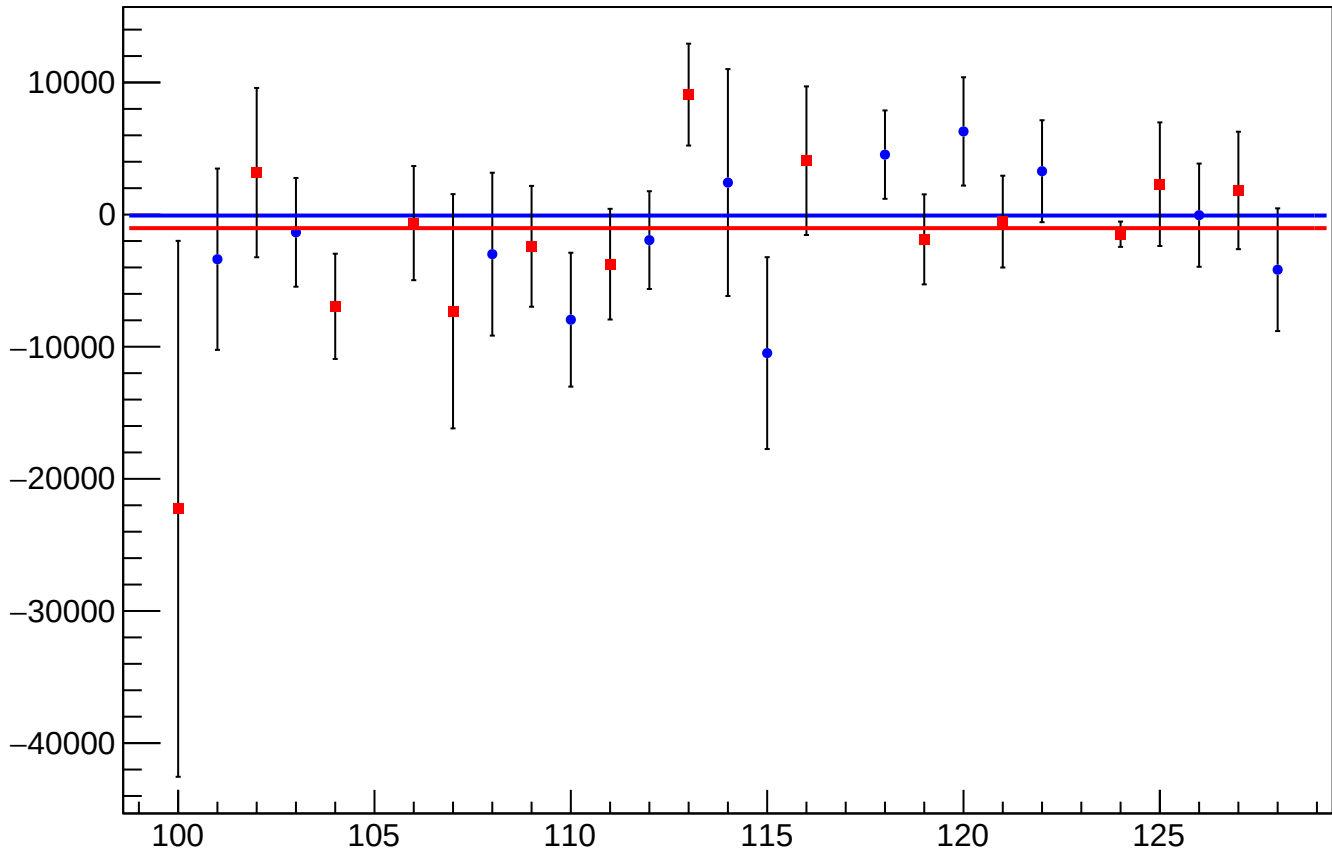
Right Out: 1726.798+/-0.537 χ^2/NDF : 279219.7/13

All: 1728.739+/-0.390 χ^2/NDF : 933324.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_cor_correction_mean vs Slug



Right In: -71.682 ± 1314.124 χ^2/NDF : 11.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1025.029 ± 763.241 χ^2/NDF : 13.7/13

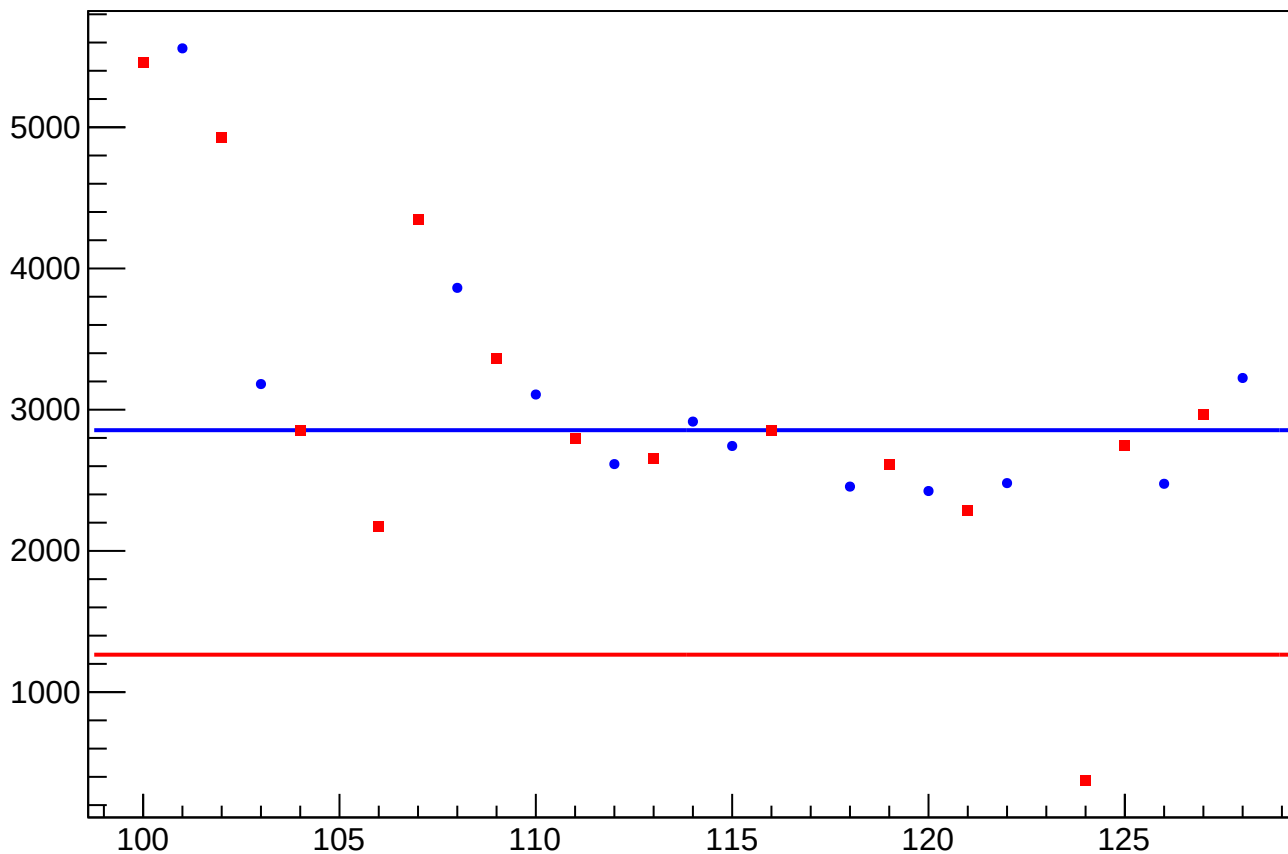
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -784.557 ± 659.999 χ^2/NDF : 25.3/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_cor_correction_rms vs Slug



Right In: 2854.880+/-0.929 χ^2/NDF : 491582.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

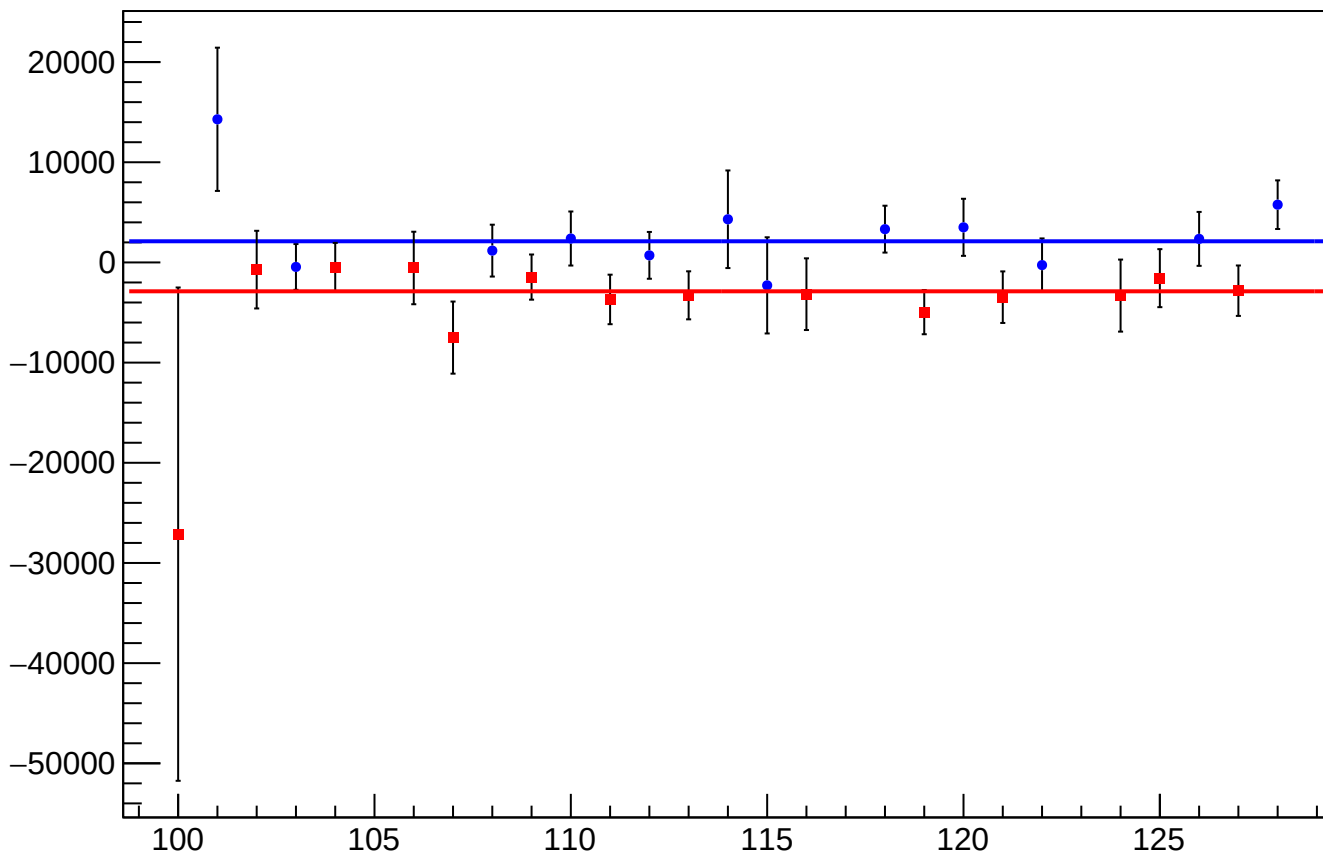
Right Out: 1265.147+/-0.540 χ^2/NDF : 5217248.7/13

All: 1666.140+/-0.467 χ^2/NDF : 7897439.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr1l2_avg_mean vs Slug



Right In: 2112.148 $\pm$ 810.693 χ^2 /NDF: 9.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2882.492 $\pm$ 764.008 χ^2 /NDF: 6.0/13

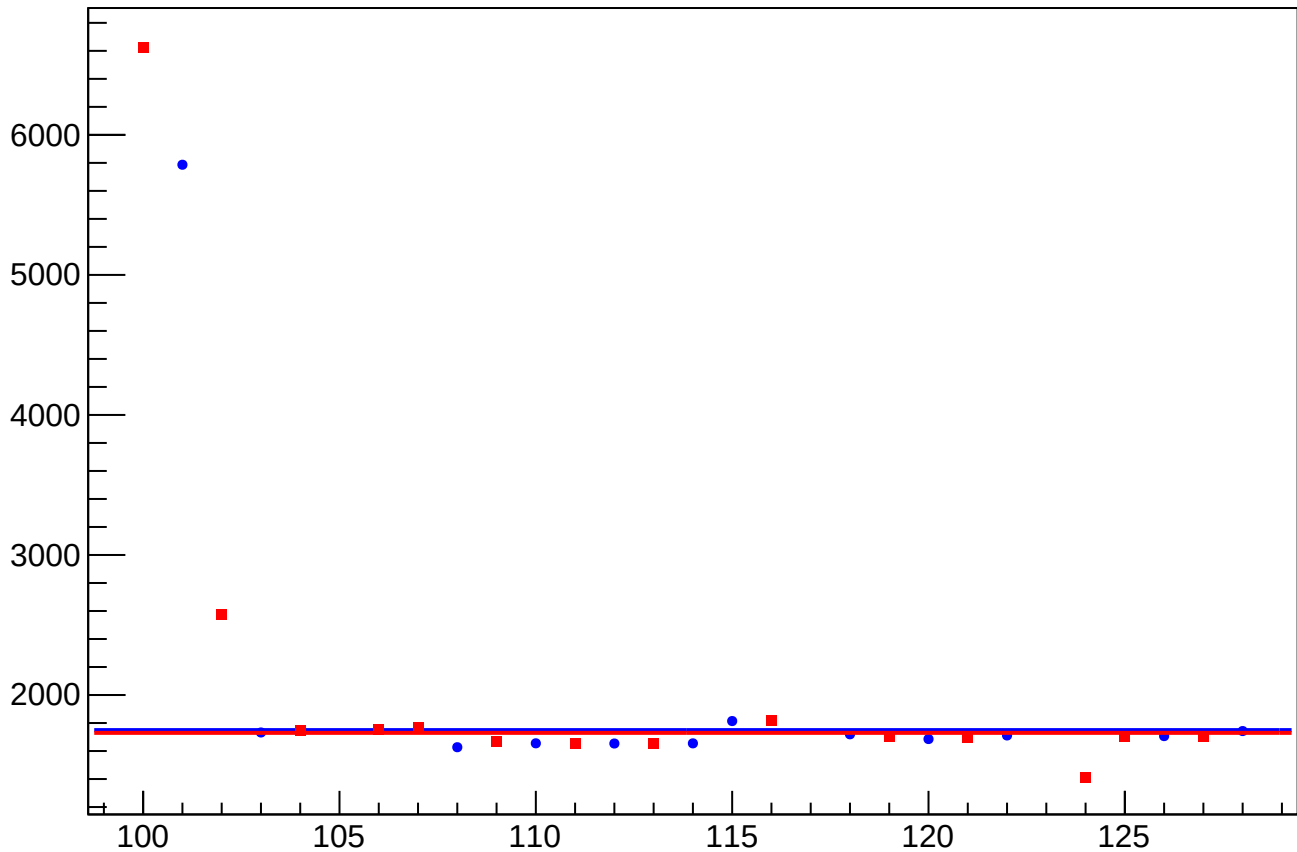
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -533.117 $\pm$ 556.007 χ^2 /NDF: 35.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atr1l2_avg_rms vs Slug



Right In: 1749.399+/-0.573 χ^2/NDF : 651449.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1729.727+/-0.538 χ^2/NDF : 197843.2/13

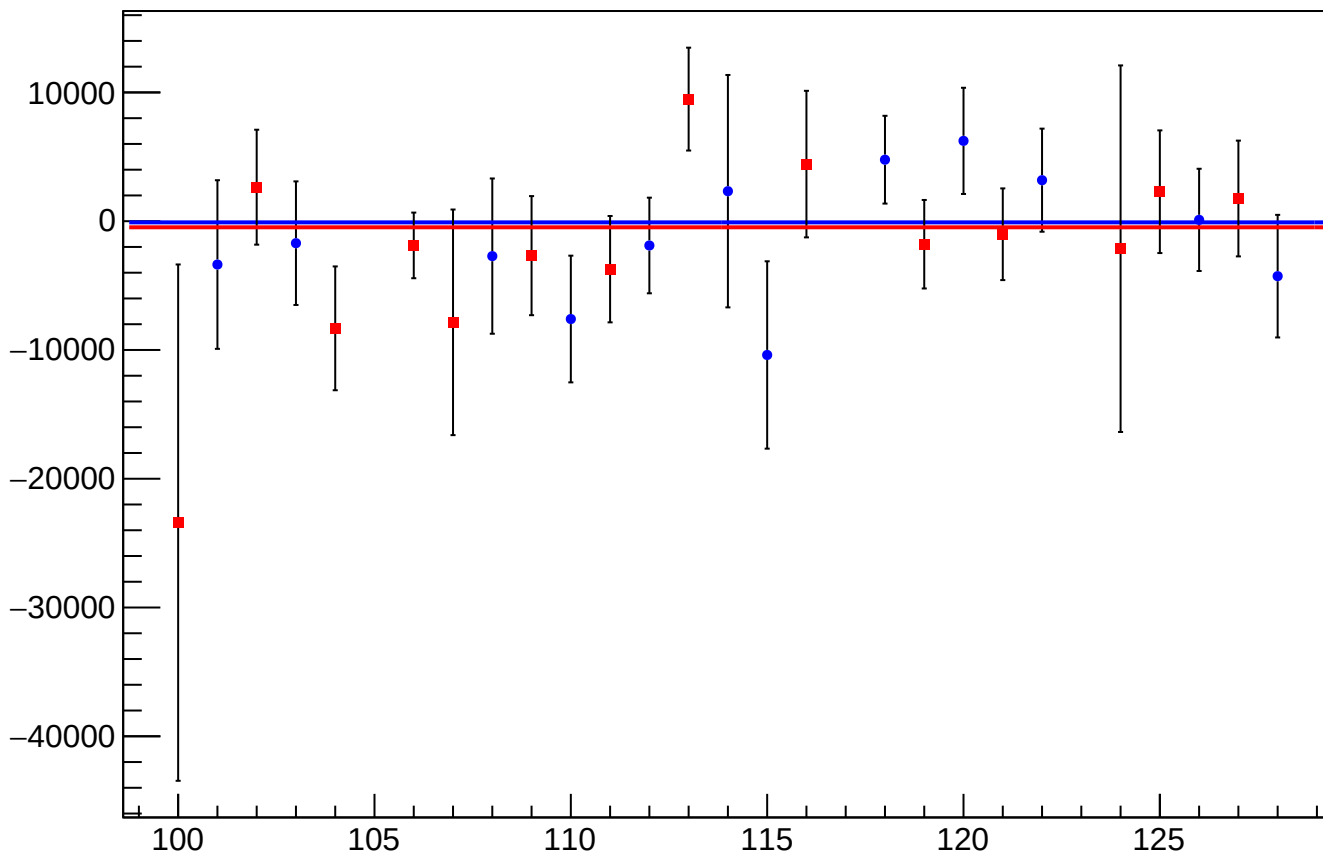
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1738.945+/-0.392 χ^2/NDF : 849918.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_dit_correction_mean vs Slug



Right In: -90.764 ± 1343.261 χ^2/NDF : 11.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -474.442 ± 1175.249 χ^2/NDF : 14.0/13

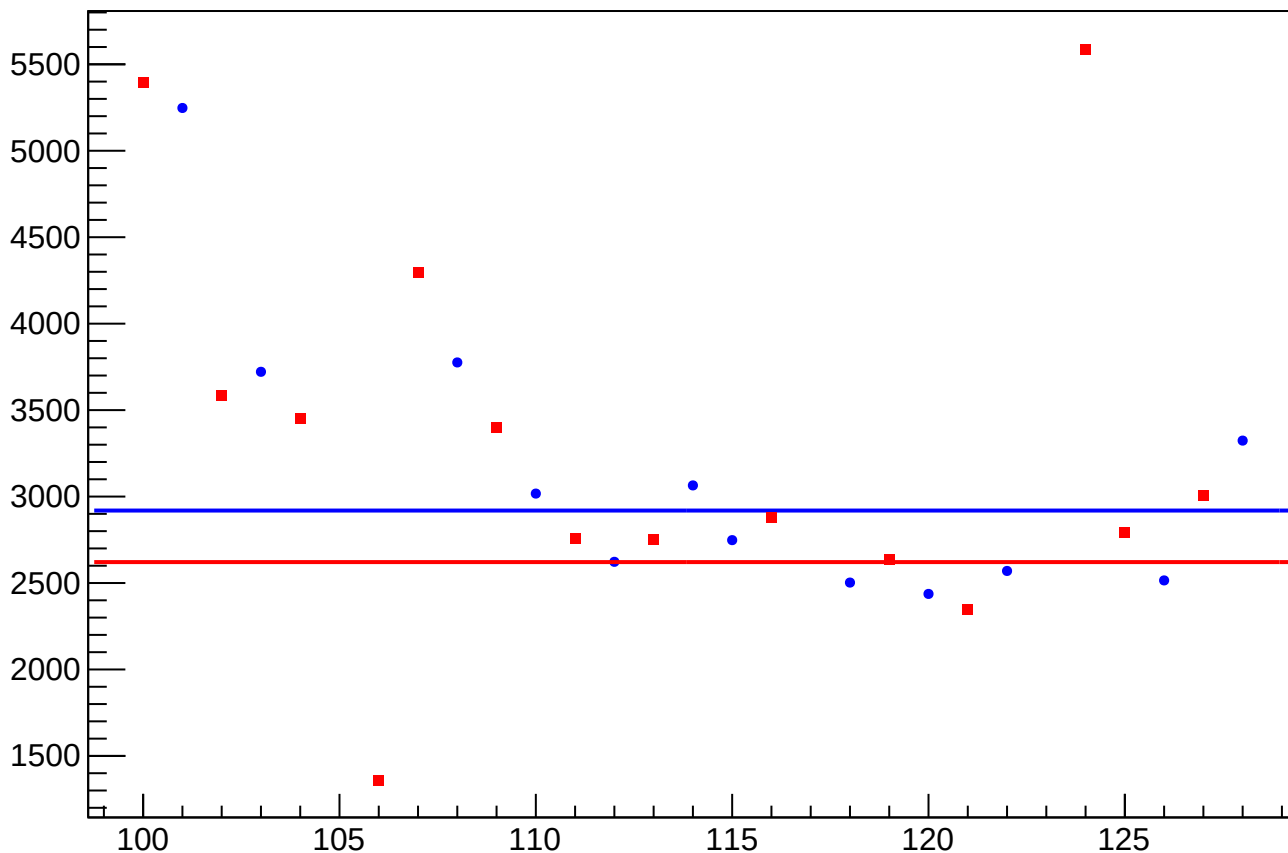
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -308.085 ± 884.499 χ^2/NDF : 25.1/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_dit_correction_rms vs Slug



Right In: 2919.152+/-0.950 χ^2/NDF : 471969.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2621.054+/-0.831 χ^2/NDF : 937179.0/13

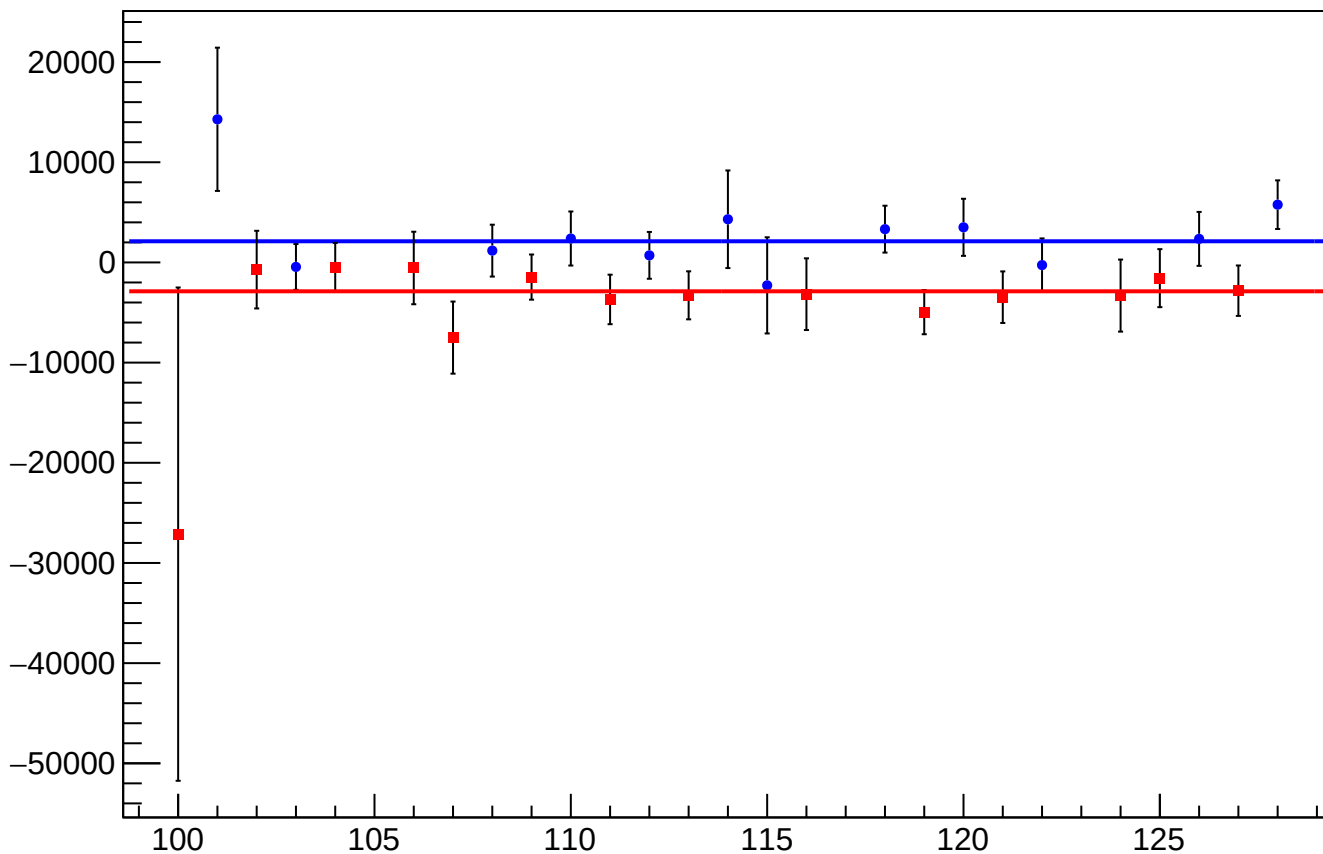
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2750.305+/-0.625 χ^2/NDF : 1464939.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr1l2_avg_mean vs Slug



Right In: 2112.153+/-810.693 χ^2/NDF : 9.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2882.497+/-764.008 χ^2/NDF : 6.0/13

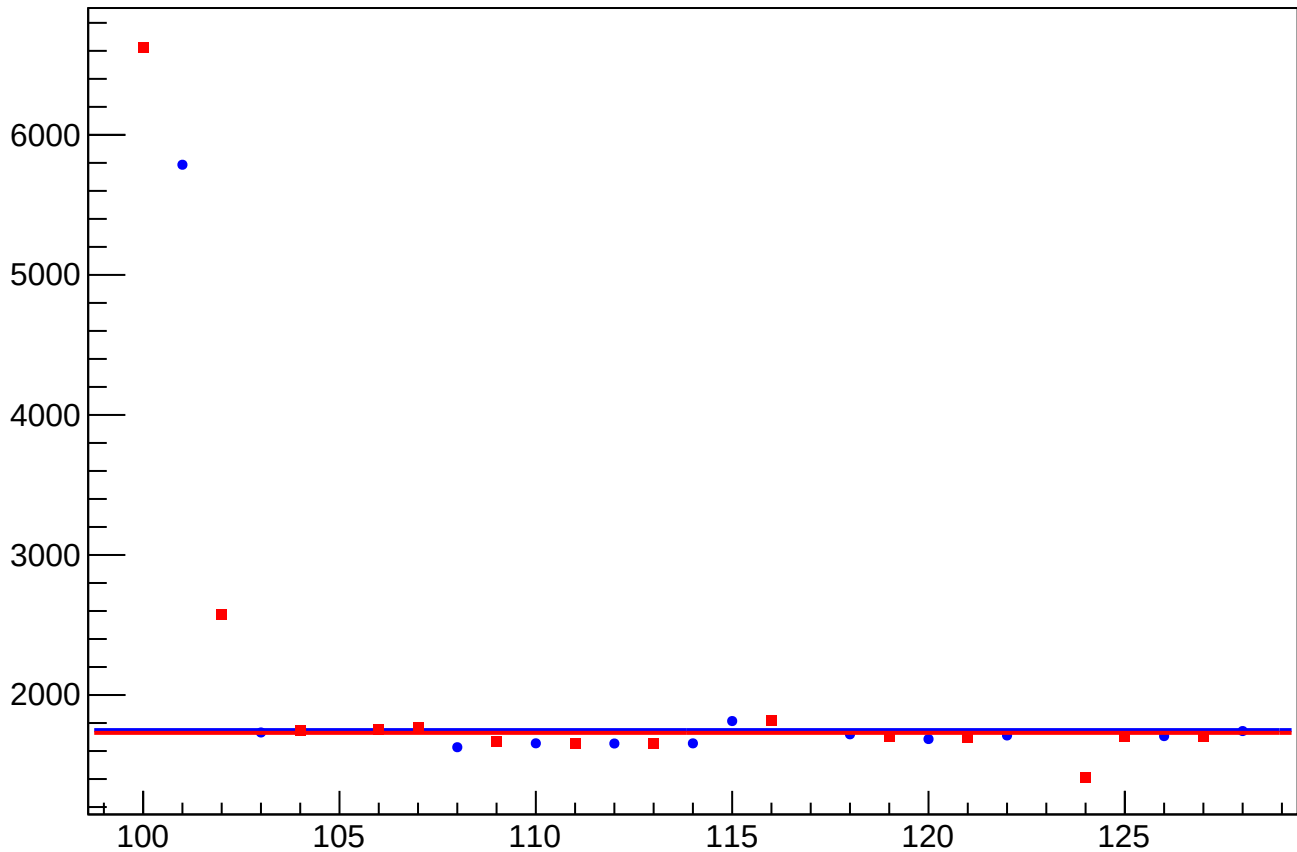
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -533.117+/-556.007 χ^2/NDF : 35.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr1l2_avg_rms vs Slug



Right In: 1749.399+/-0.573 χ^2/NDF : 651449.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1729.727+/-0.538 χ^2/NDF : 197843.1/13

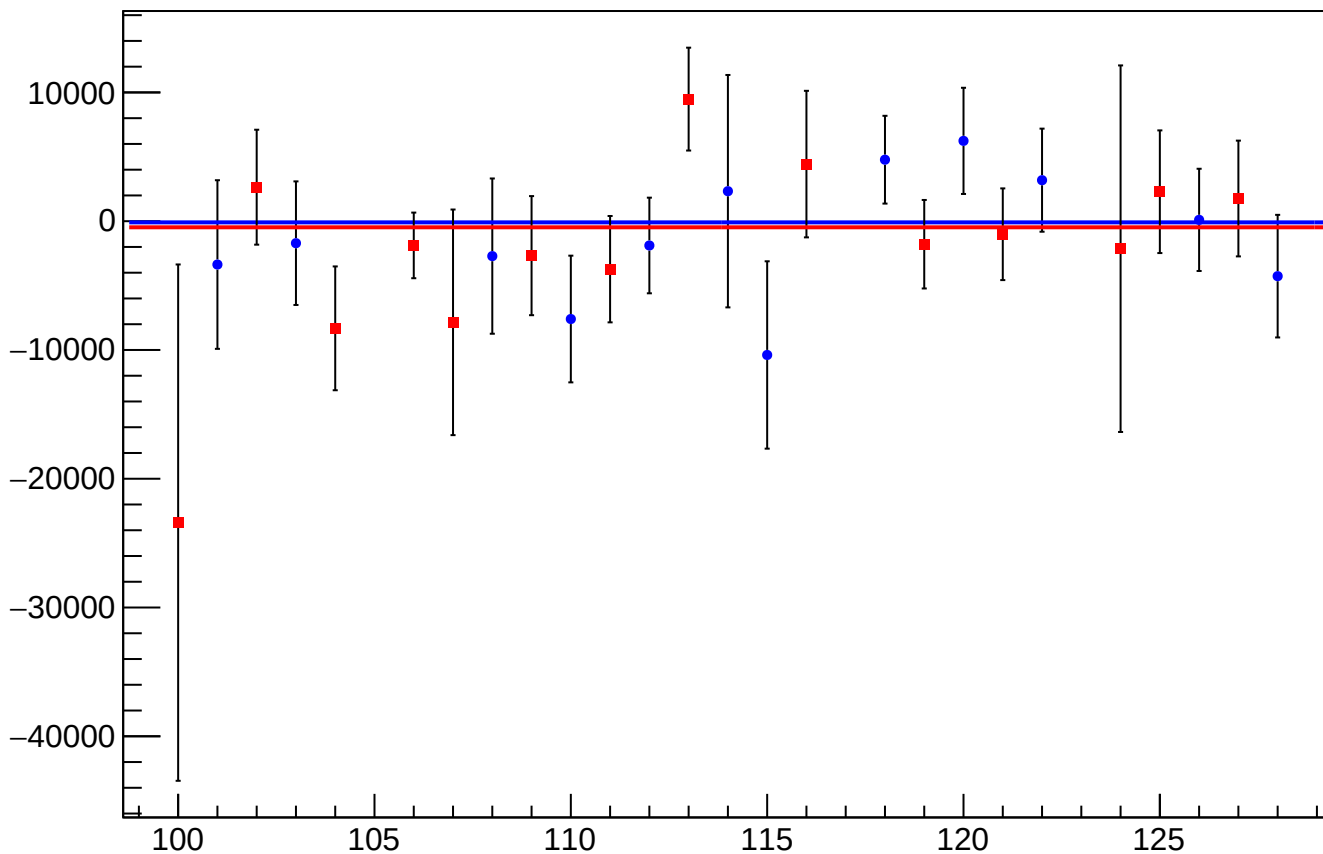
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1738.945+/-0.392 χ^2/NDF : 849918.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_correction_mean vs Slug



Right In: -90.759 ± 1343.255 χ^2/NDF : 11.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -474.444 ± 1175.244 χ^2/NDF : 14.0/13

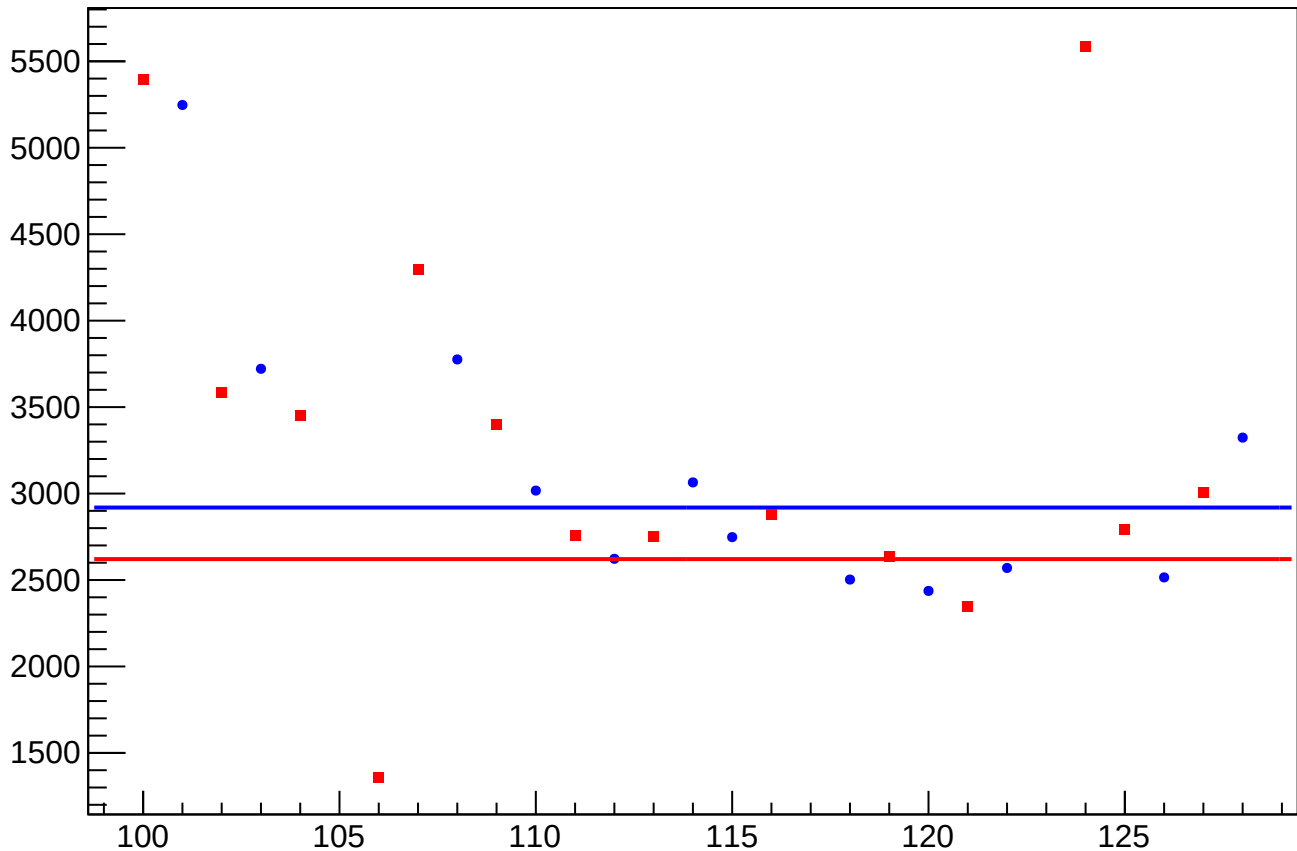
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -308.084 ± 884.496 χ^2/NDF : 25.1/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_correction_rms vs Slug



Right In: 2919.140+/-0.950 χ^2/NDF : 471973.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2621.041+/-0.831 χ^2/NDF : 937192.7/13

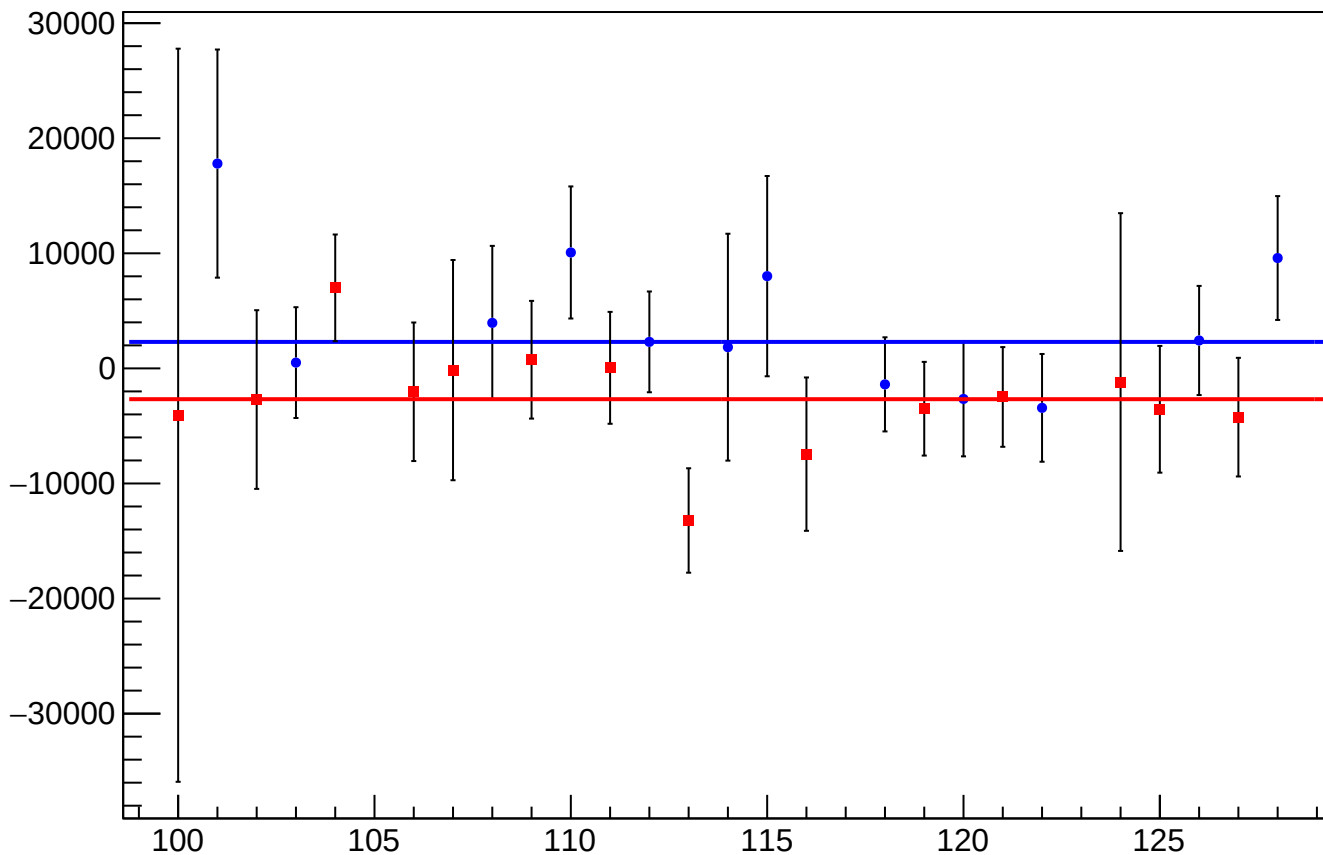
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2750.292+/-0.625 χ^2/NDF : 1464958.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_mean vs Slug



Right In: 2300.989+/-1568.846 χ^2/NDF : 10.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2676.592+/-1502.149 χ^2/NDF : 11.3/13

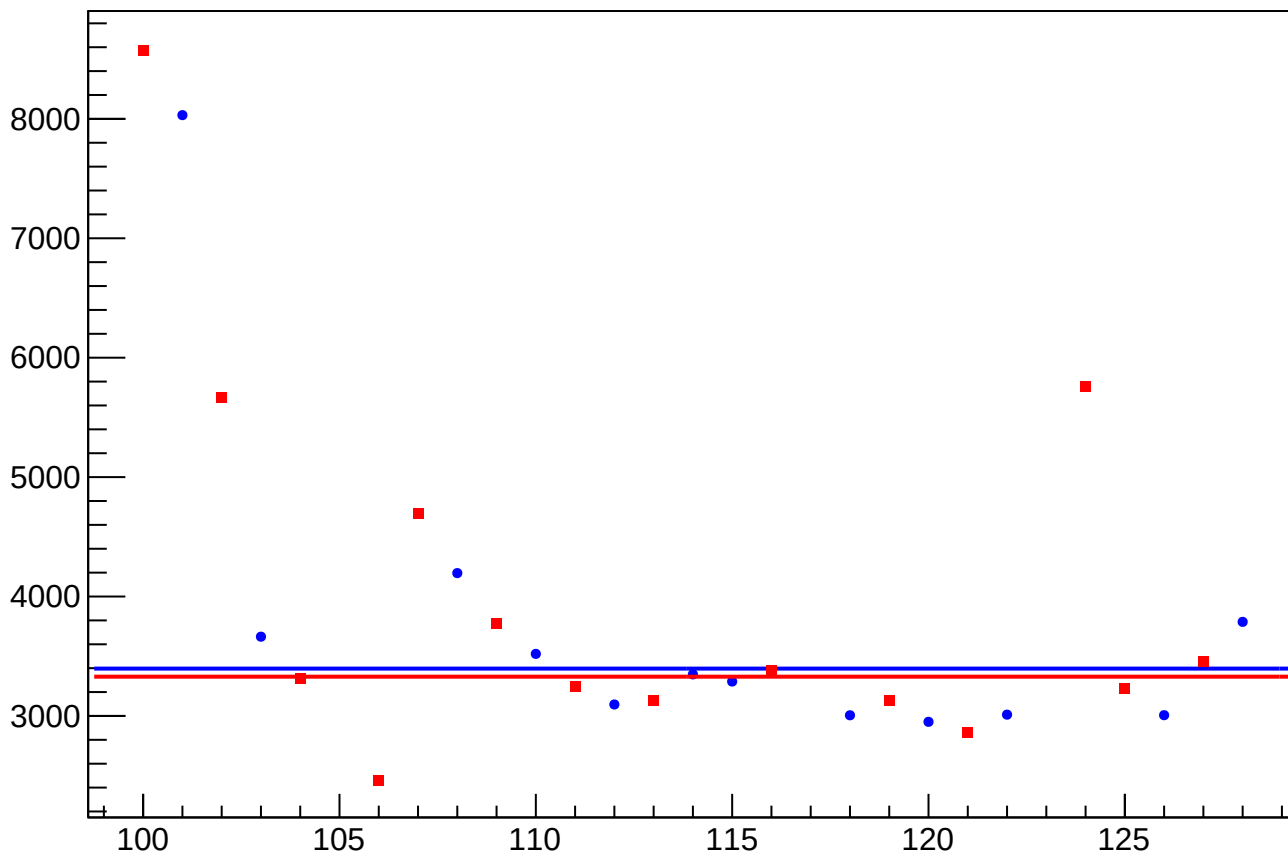
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -295.855+/-1084.992 χ^2/NDF : 26.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_rms vs Slug



Right In: 3396.423+/-1.109 χ^2/NDF : 554649.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3328.761+/-1.042 χ^2/NDF : 448369.2/13

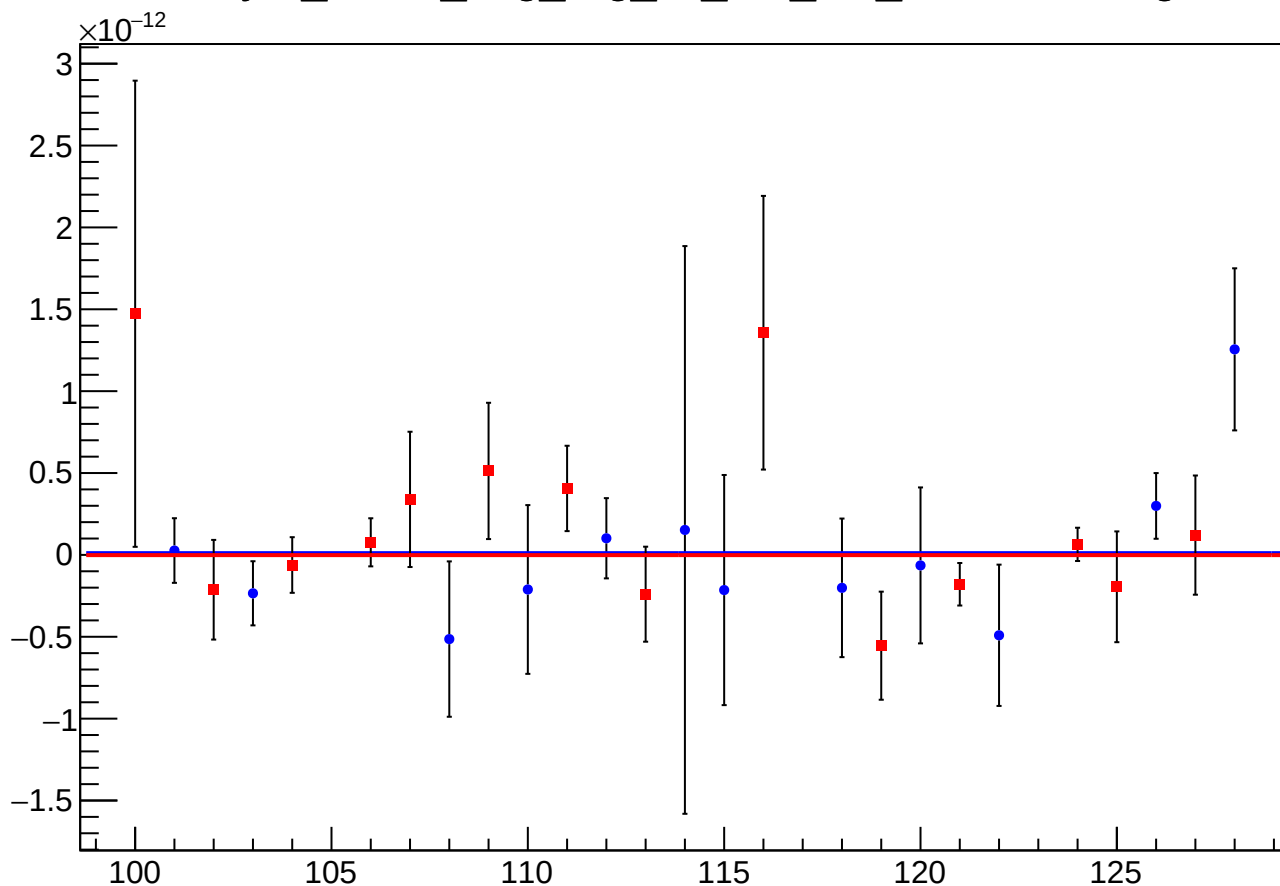
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3360.470+/-0.759 χ^2/NDF : 1004995.2/25

- 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: 13.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.5/13

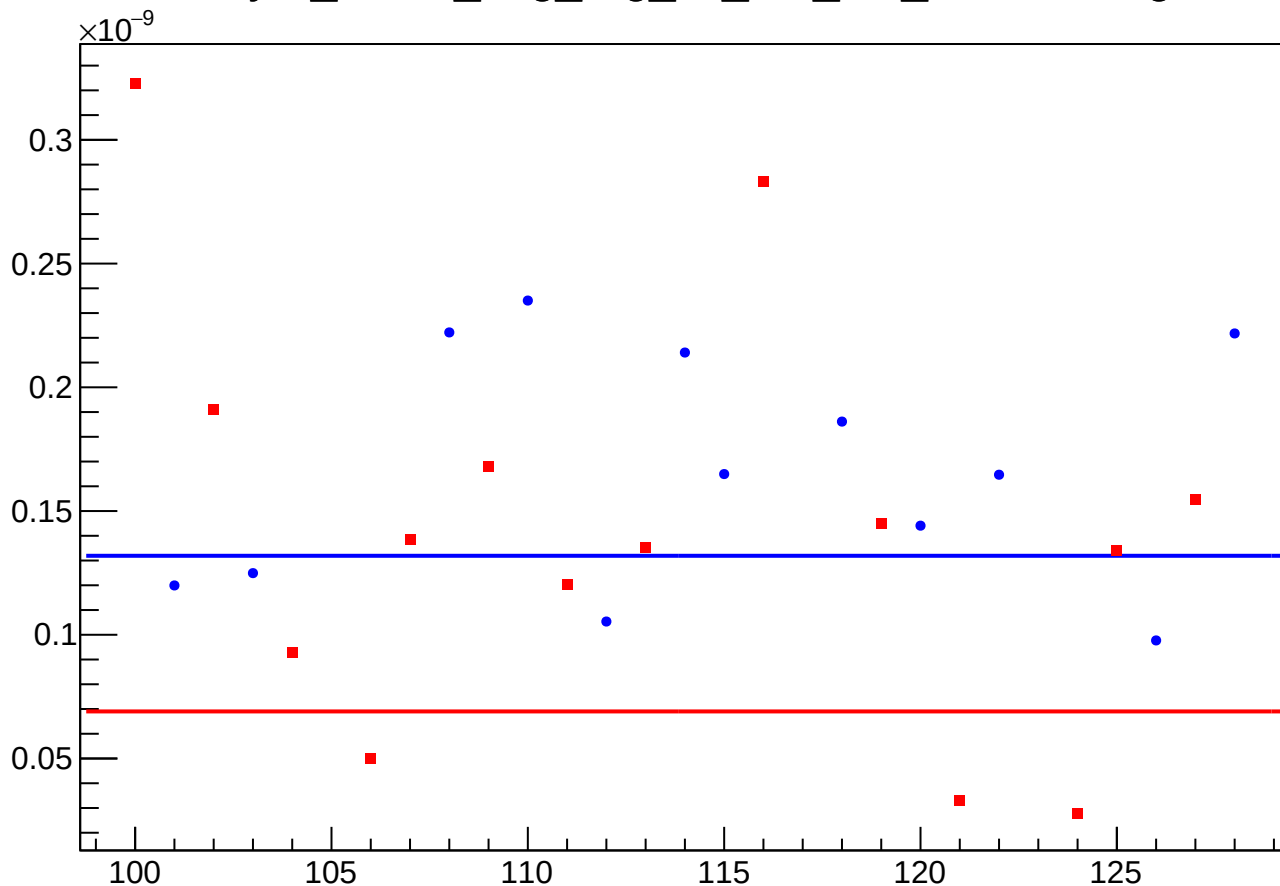
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 28.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 364572.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1712922.9/13

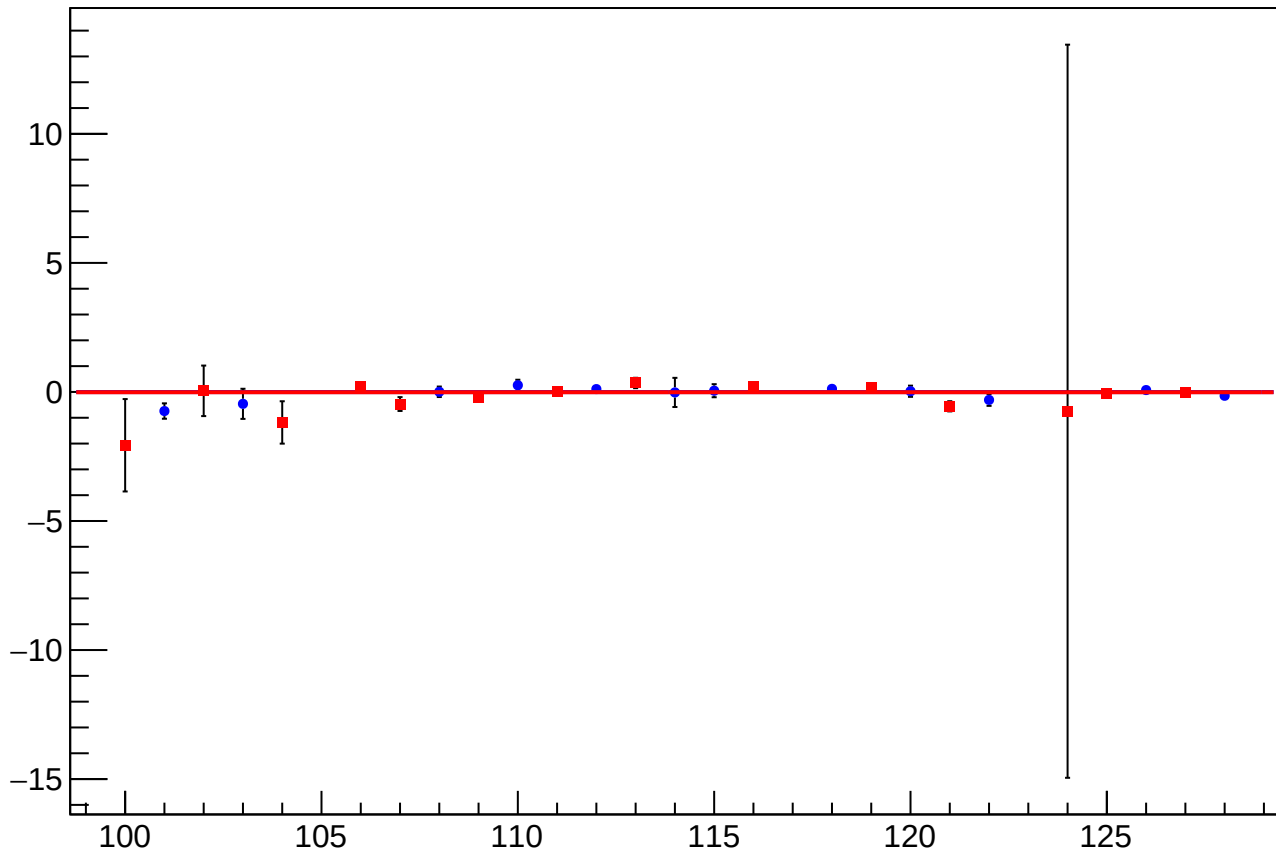
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2777544.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.004 ± 0.063 χ^2/NDF : 11.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.011 ± 0.056 χ^2/NDF : 23.8/13

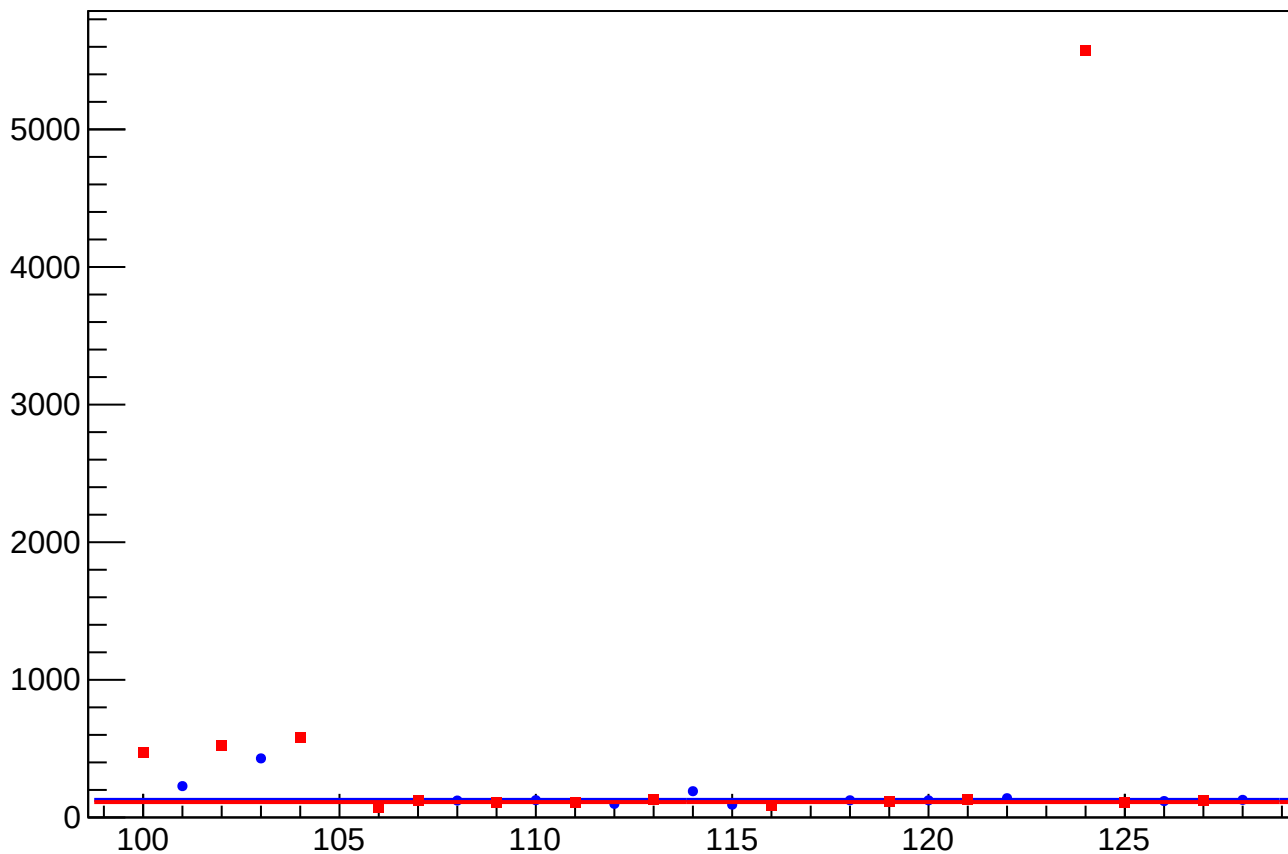
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 0.042 χ^2/NDF : 35.8/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 127.739+/-0.044 χ^2/NDF : 910082.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.772+/-0.040 χ^2/NDF : 1616624.6/13

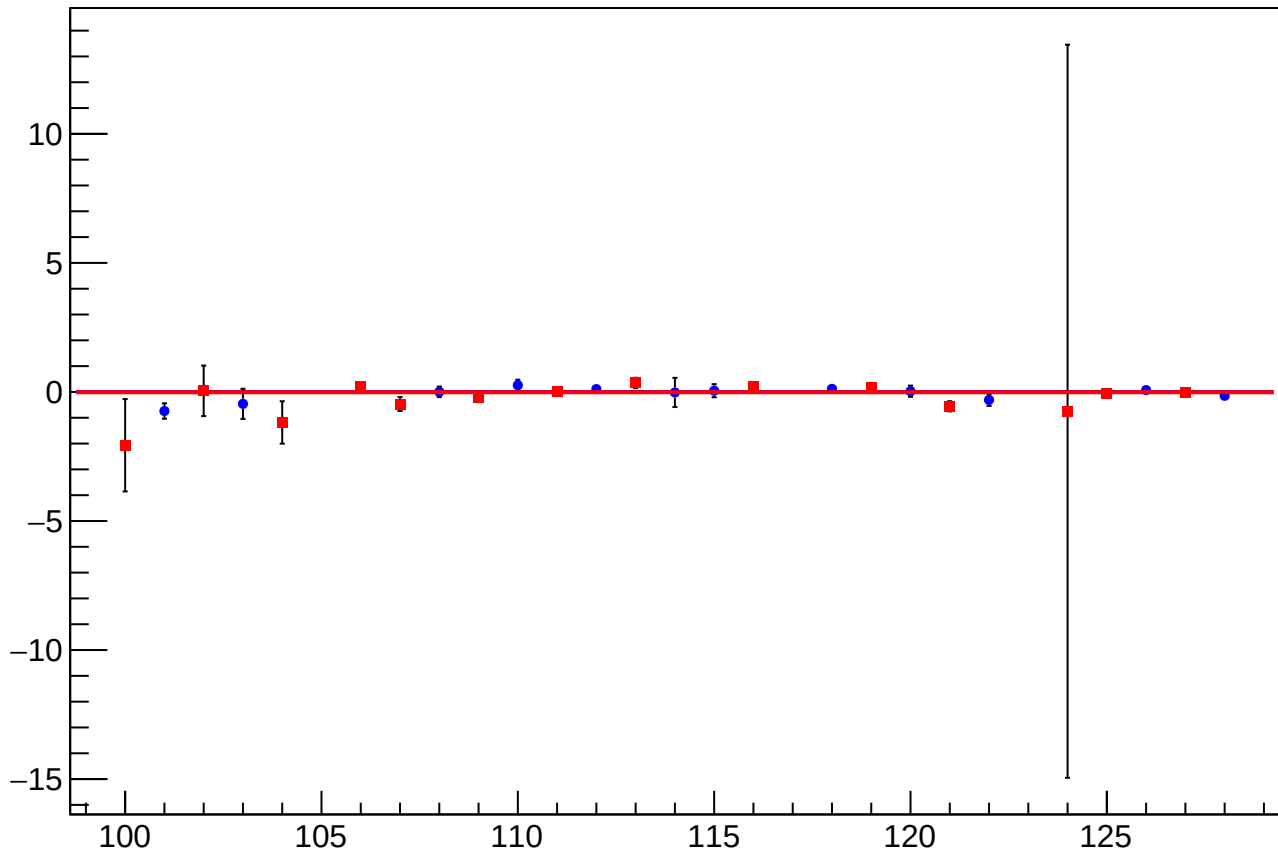
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.878+/-0.030 χ^2/NDF : 2598630.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.004 ± 0.063 χ^2/NDF : 11.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.011 ± 0.056 χ^2/NDF : 23.8/13

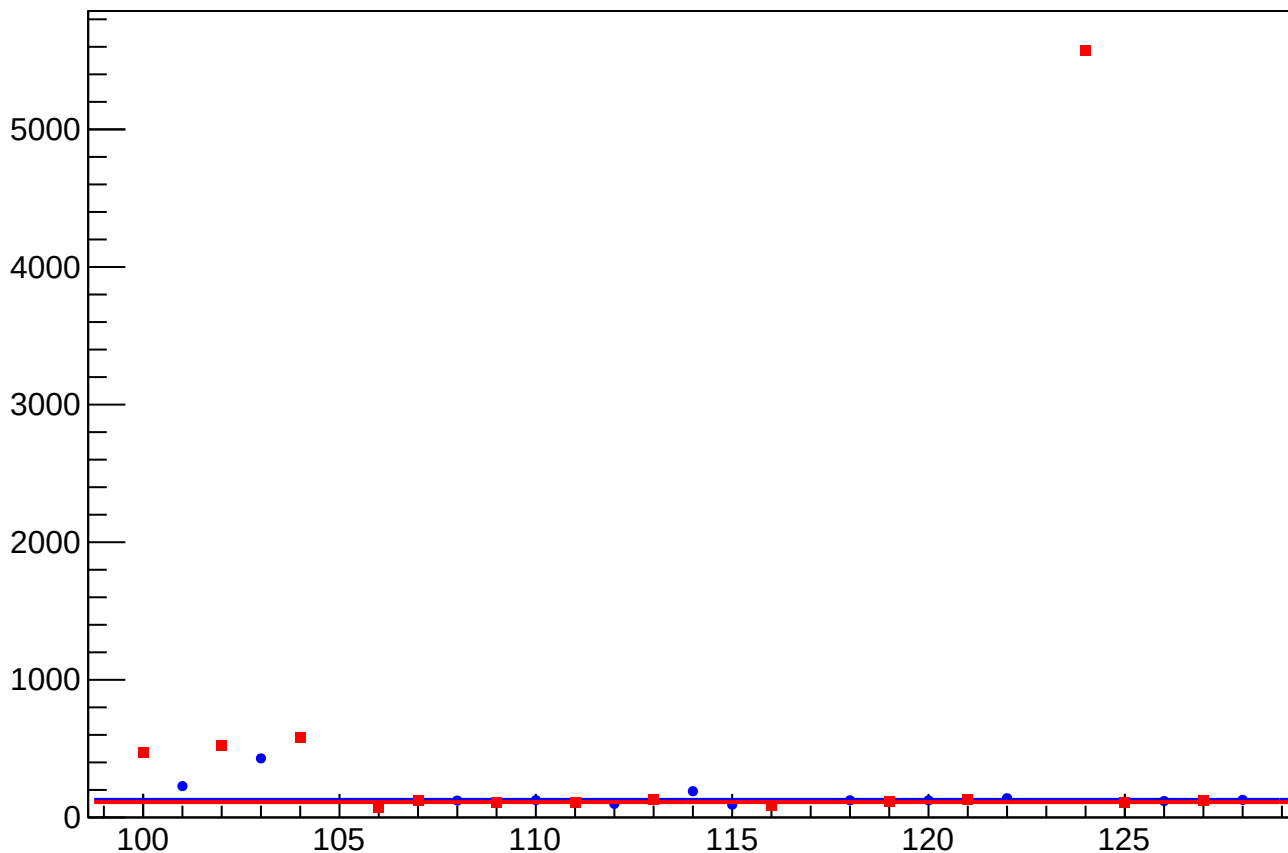
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 0.042 χ^2/NDF : 35.8/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 127.739+/-0.044 χ^2/NDF : 910082.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.772+/-0.040 χ^2/NDF : 1616624.6/13

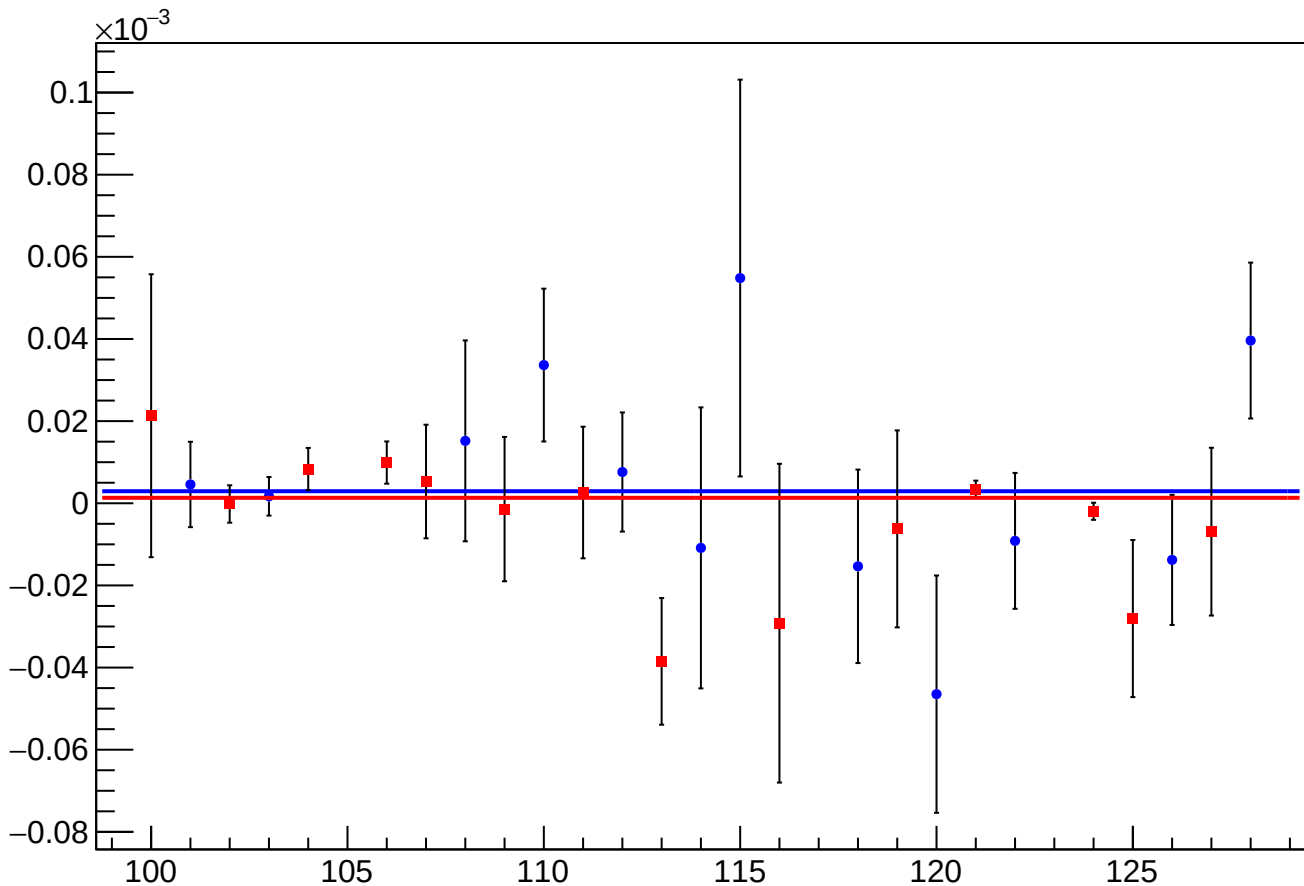
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.878+/-0.030 χ^2/NDF : 2598630.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.7/13

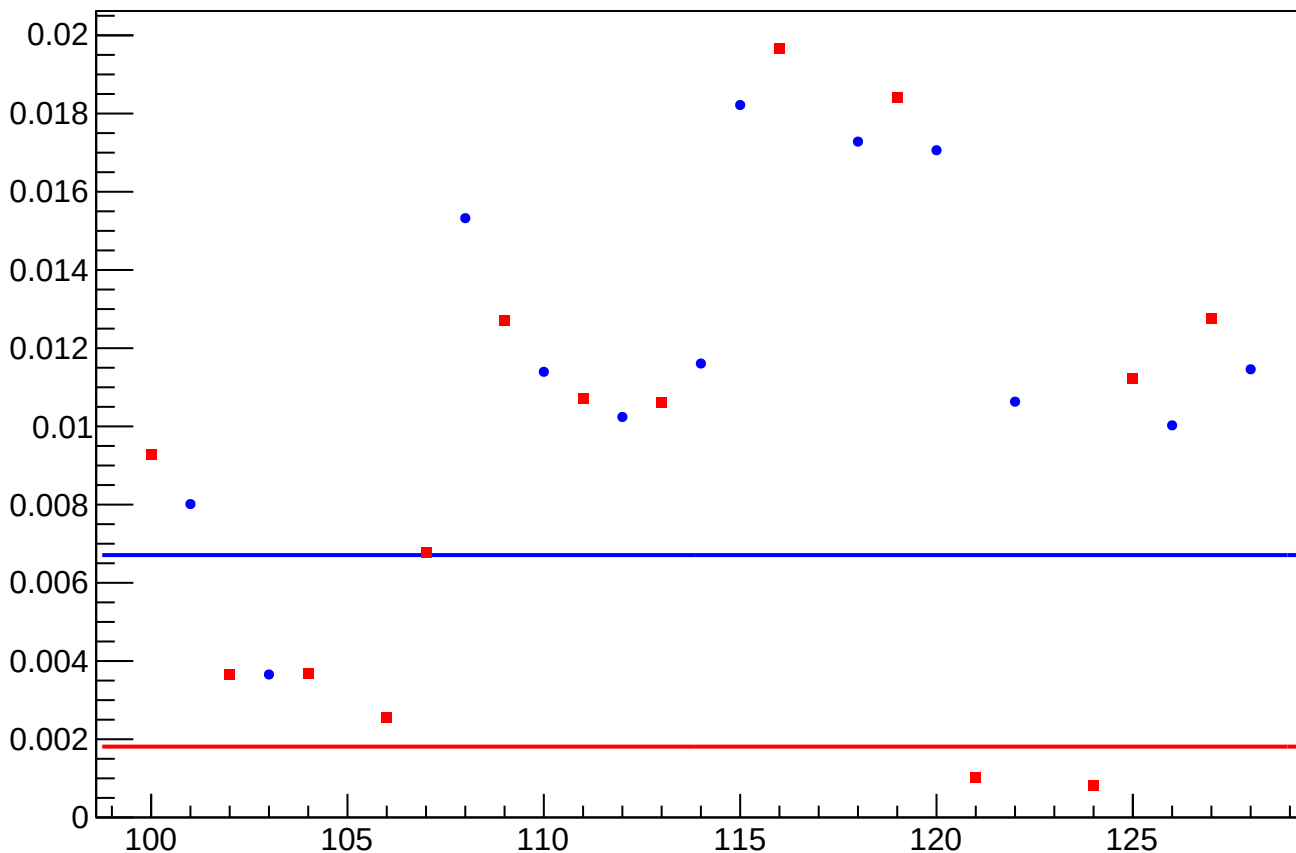
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 32.3/25

- 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 : 2509170.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 6231930.0/13

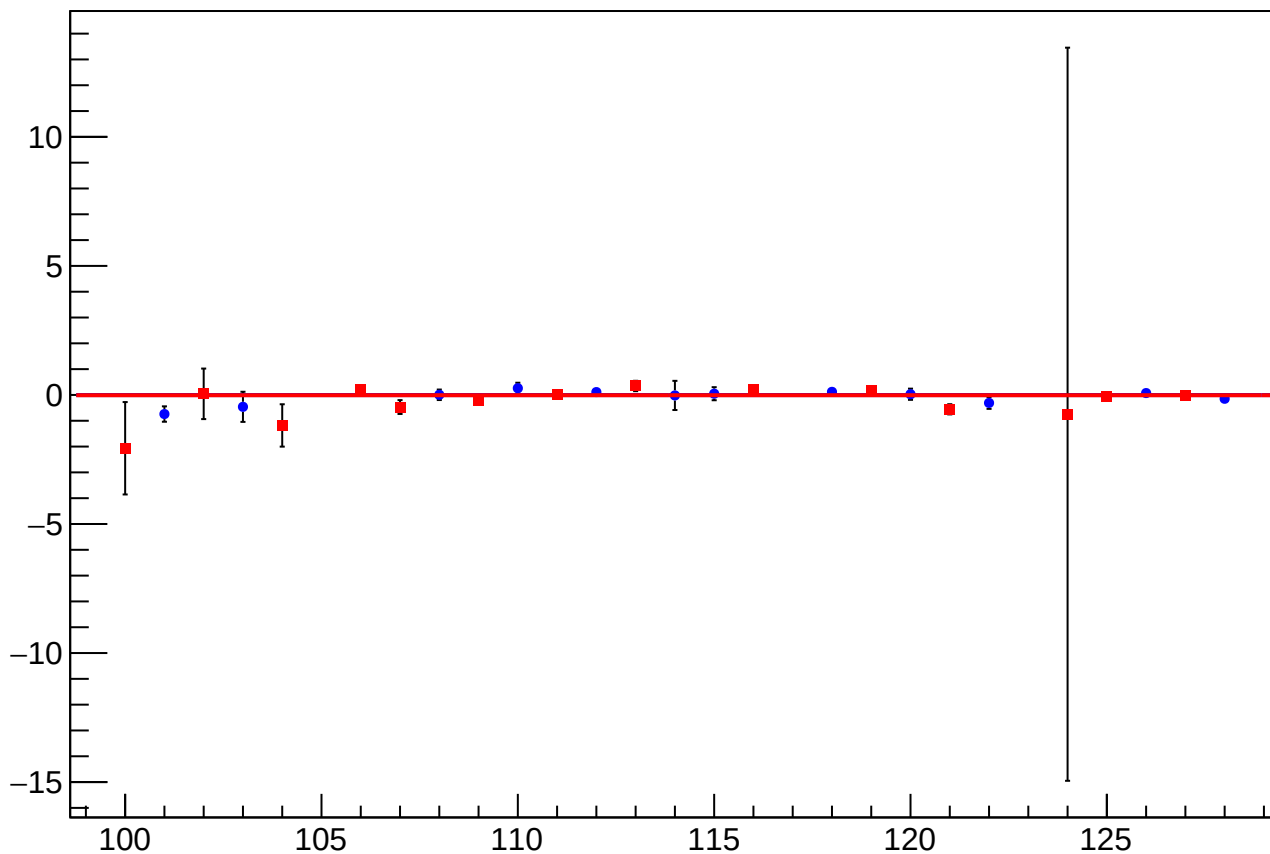
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 12084938.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.004 ± 0.063 $\chi^2/\text{NDF}: 11.9/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.011 ± 0.056 $\chi^2/\text{NDF}: 23.8/13$

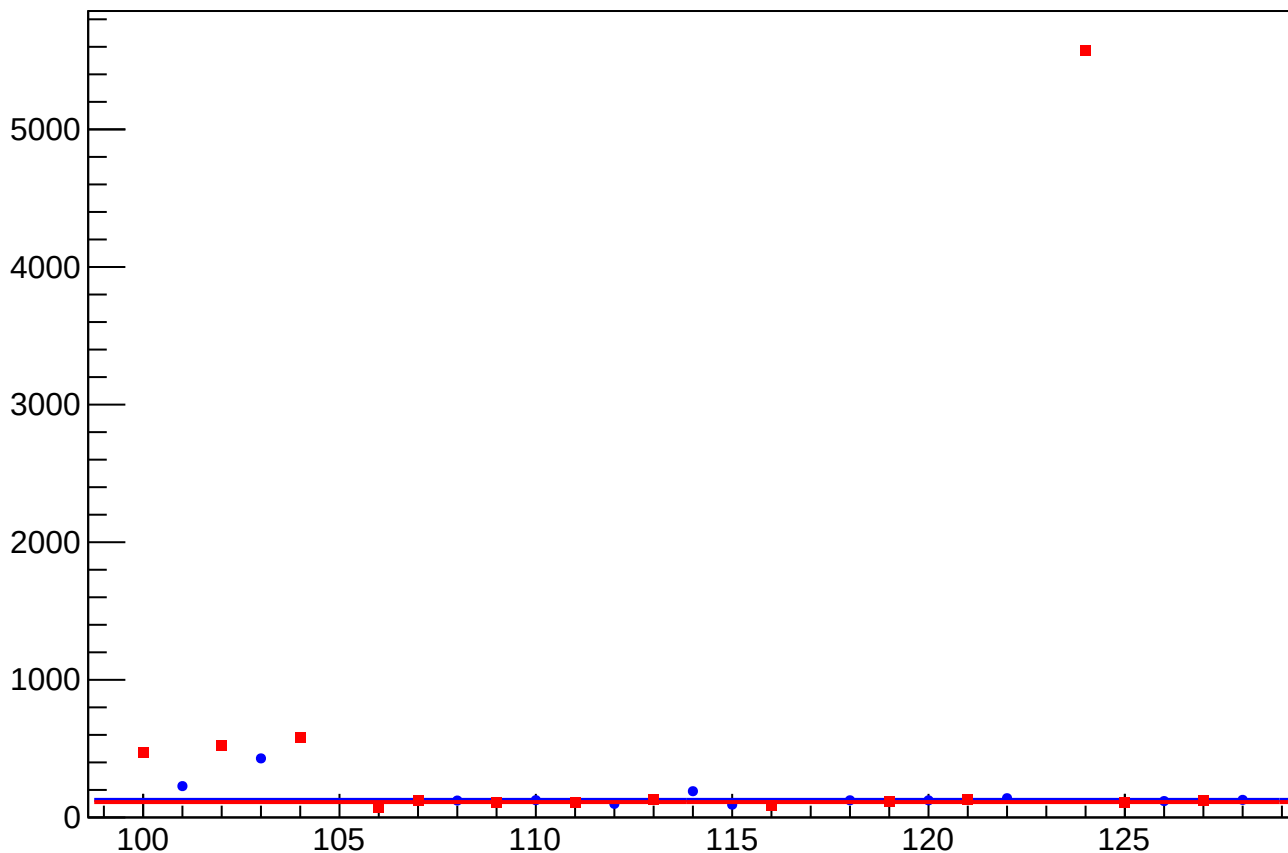
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.008 ± 0.042 $\chi^2/\text{NDF}: 35.8/25$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_atr1l2_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 127.741+/-0.044 χ^2/NDF : 910033.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.772+/-0.040 χ^2/NDF : 1616583.8/13

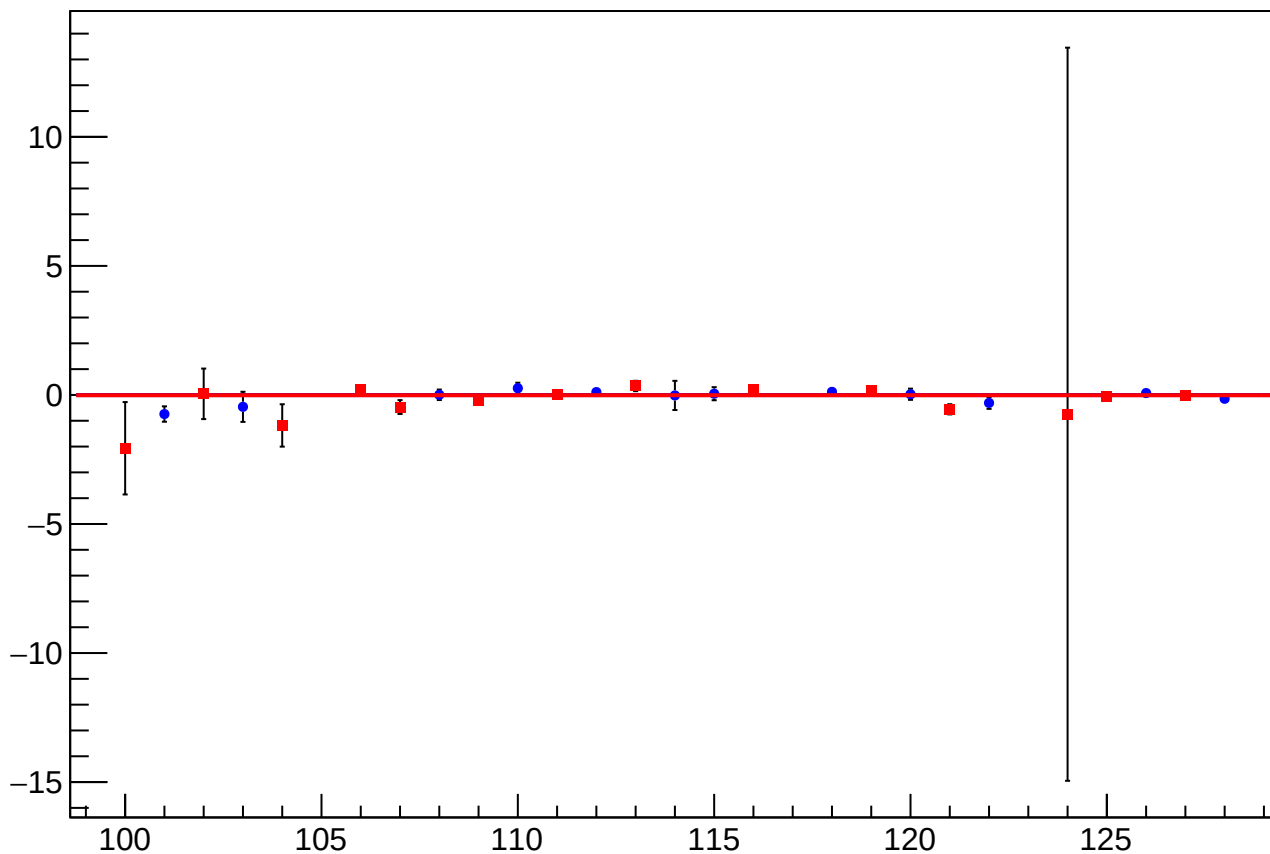
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.878+/-0.030 χ^2/NDF : 2598546.5/25

- 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: -0.004 ± 0.063 χ^2/NDF : 11.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.011 ± 0.056 χ^2/NDF : 23.8/13

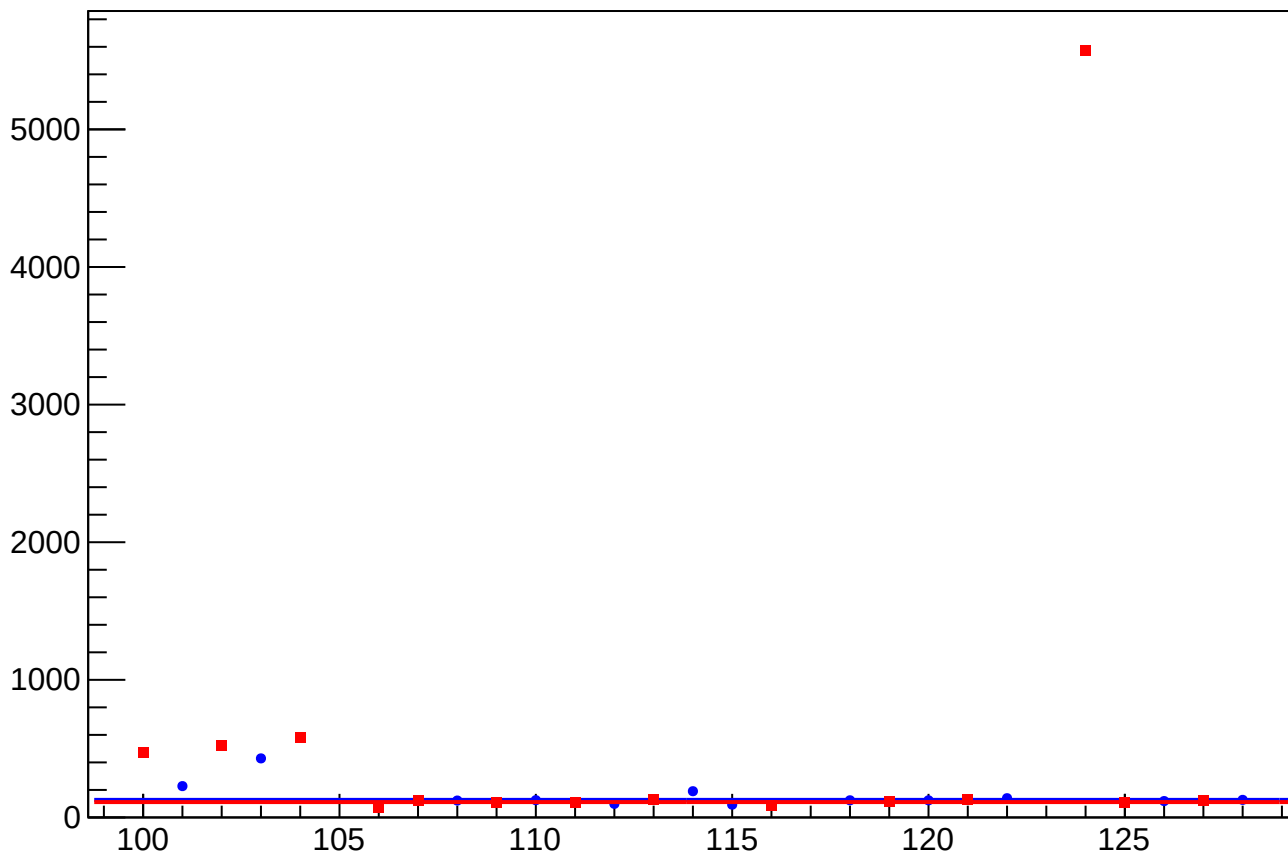
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 0.042 χ^2/NDF : 35.8/25

- 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: 127.741+/-0.044 χ^2/NDF : 910033.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.772+/-0.040 χ^2/NDF : 1616583.8/13

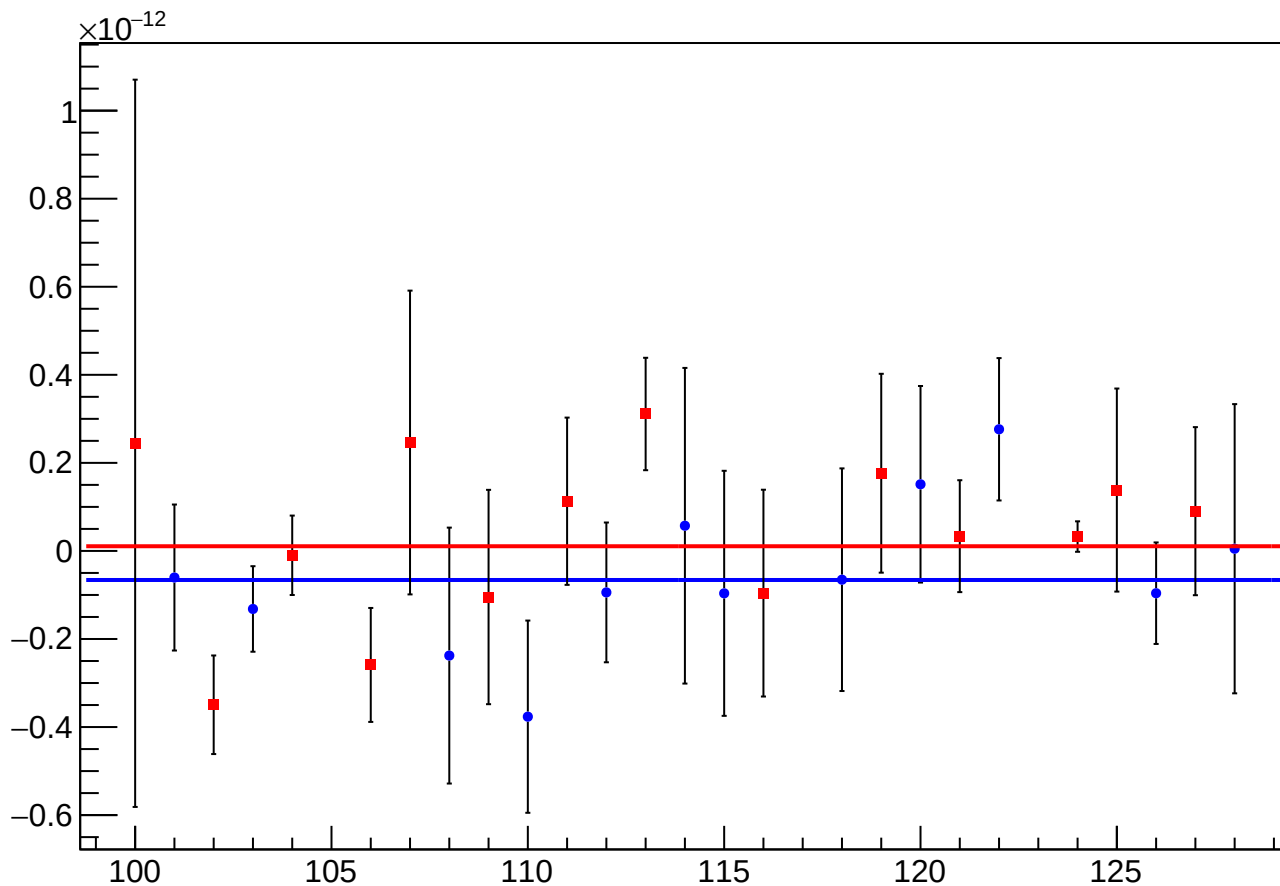
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.878+/-0.030 χ^2/NDF : 2598546.5/25

- 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 : 8.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 23.0/13

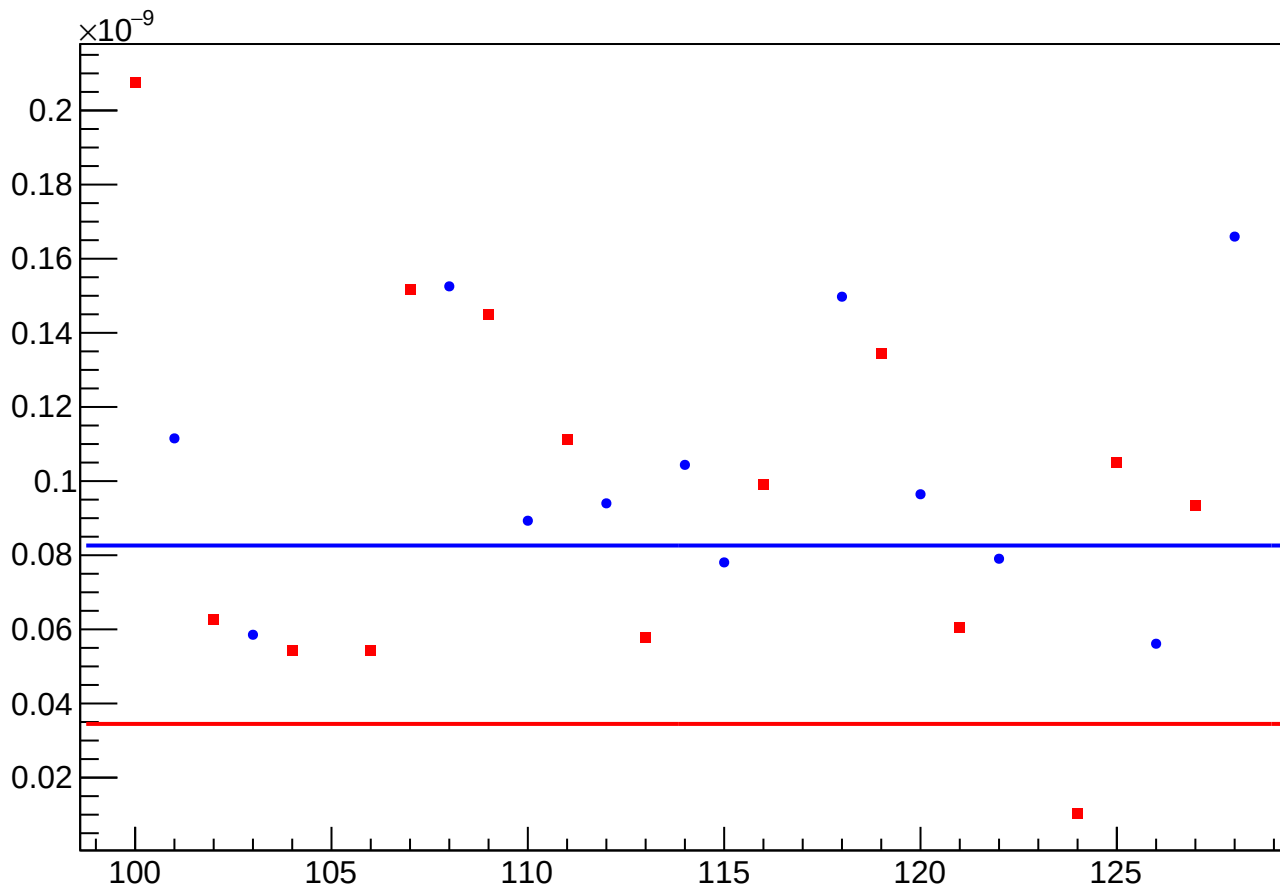
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.3/25

- 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 : 703648.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3383575.8/13

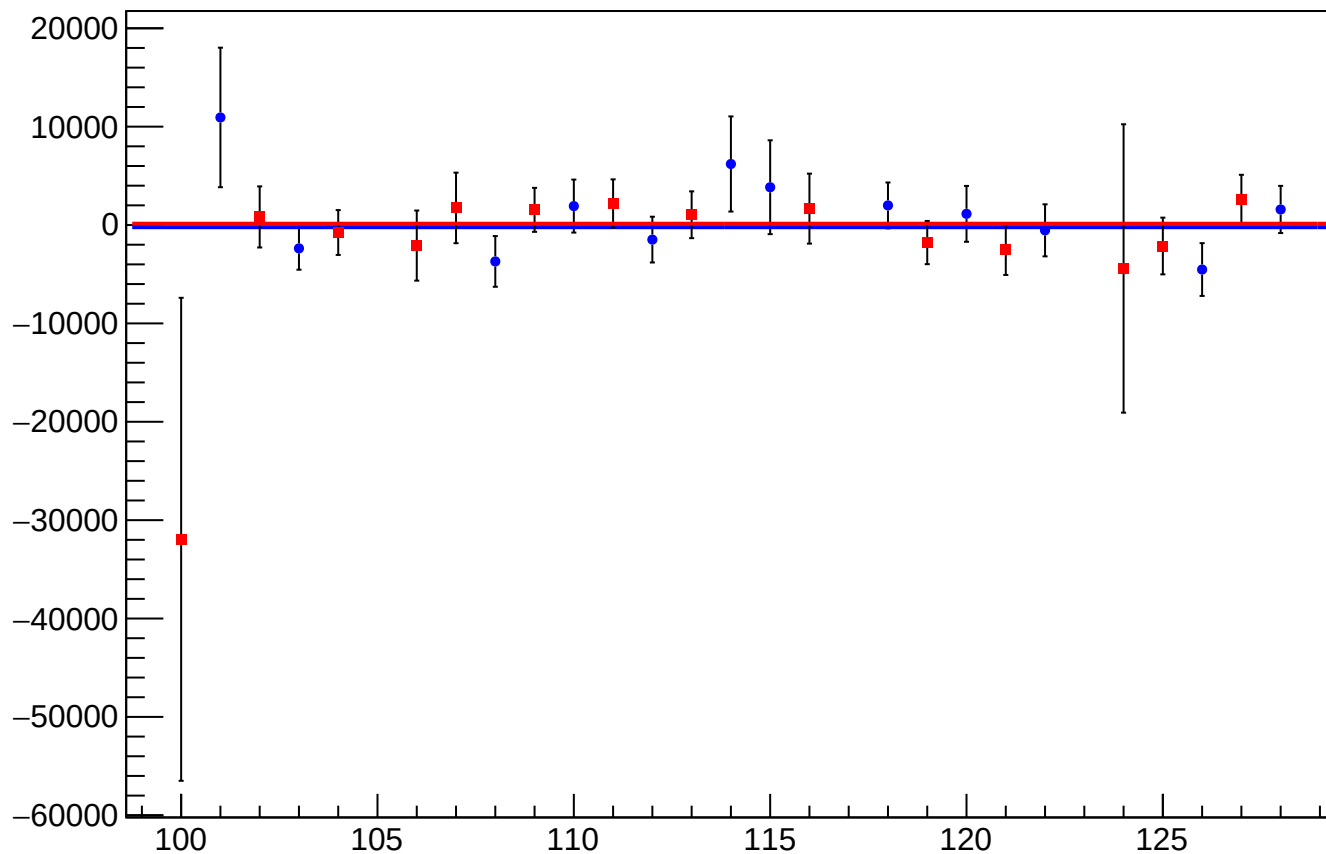
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5502843.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_mean vs Slug



Right In: -219.642 $\pm$ 801.614 χ^2 /NDF: 13.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 133.776 $\pm$ 762.542 χ^2 /NDF: 7.4/13

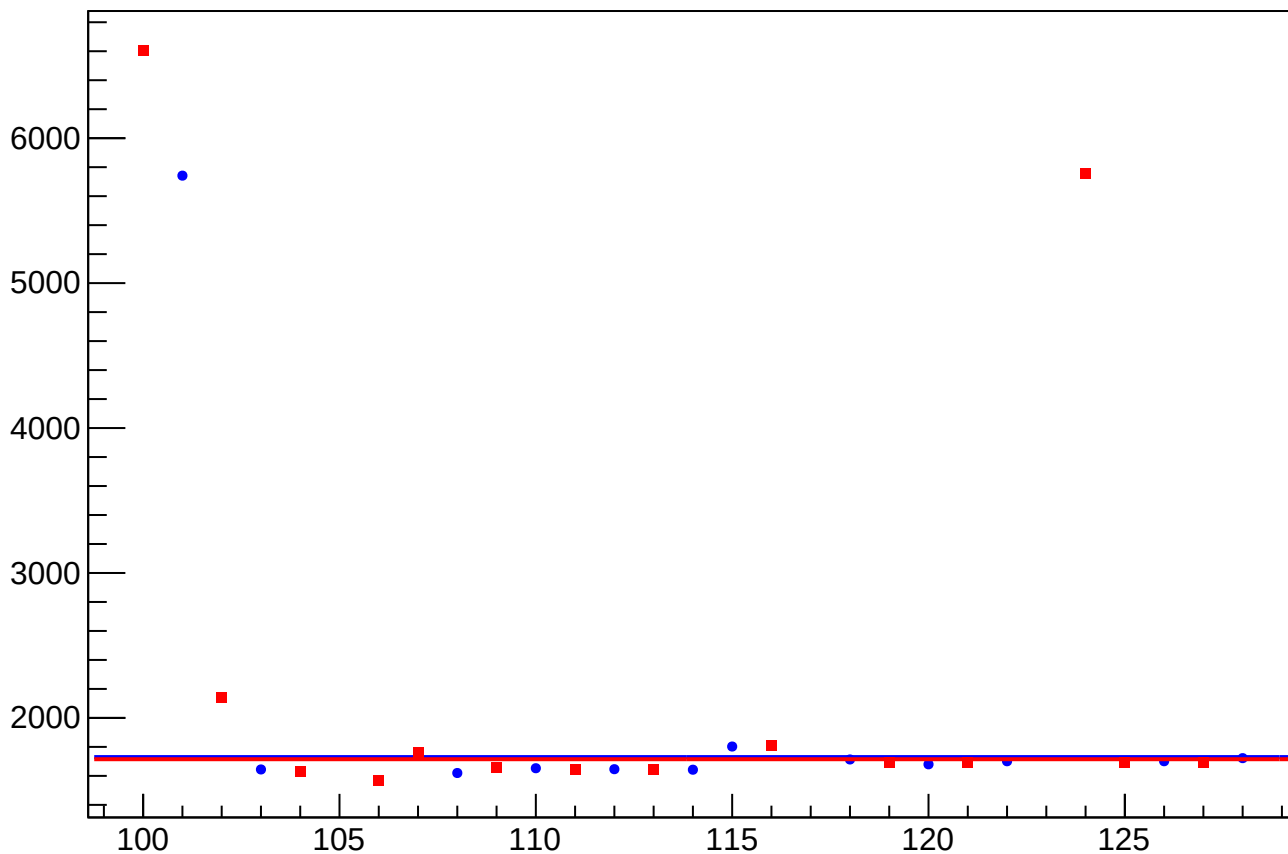
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -34.110 $\pm$ 552.495 χ^2 /NDF: 20.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_dd_rms vs Slug



Right In: 1729.692+/-0.567 χ^2/NDF : 653108.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1715.039+/-0.534 χ^2/NDF : 283916.1/13

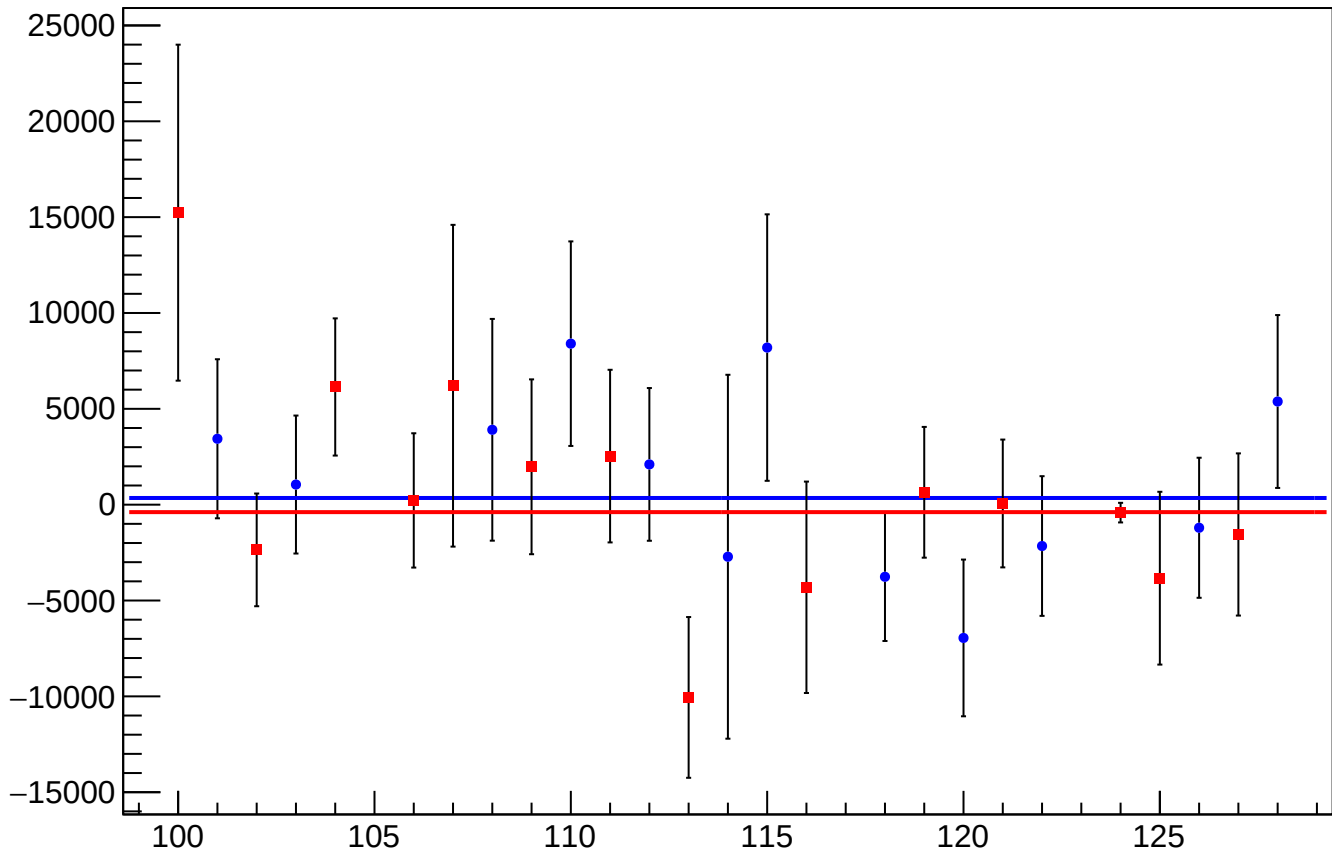
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1721.927+/-0.389 χ^2/NDF : 937378.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_reg_correction_mean vs Slug



Right In: 349.236+/-1246.522 χ^2/NDF : 11.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -388.643+/-466.638 χ^2/NDF : 14.9/13

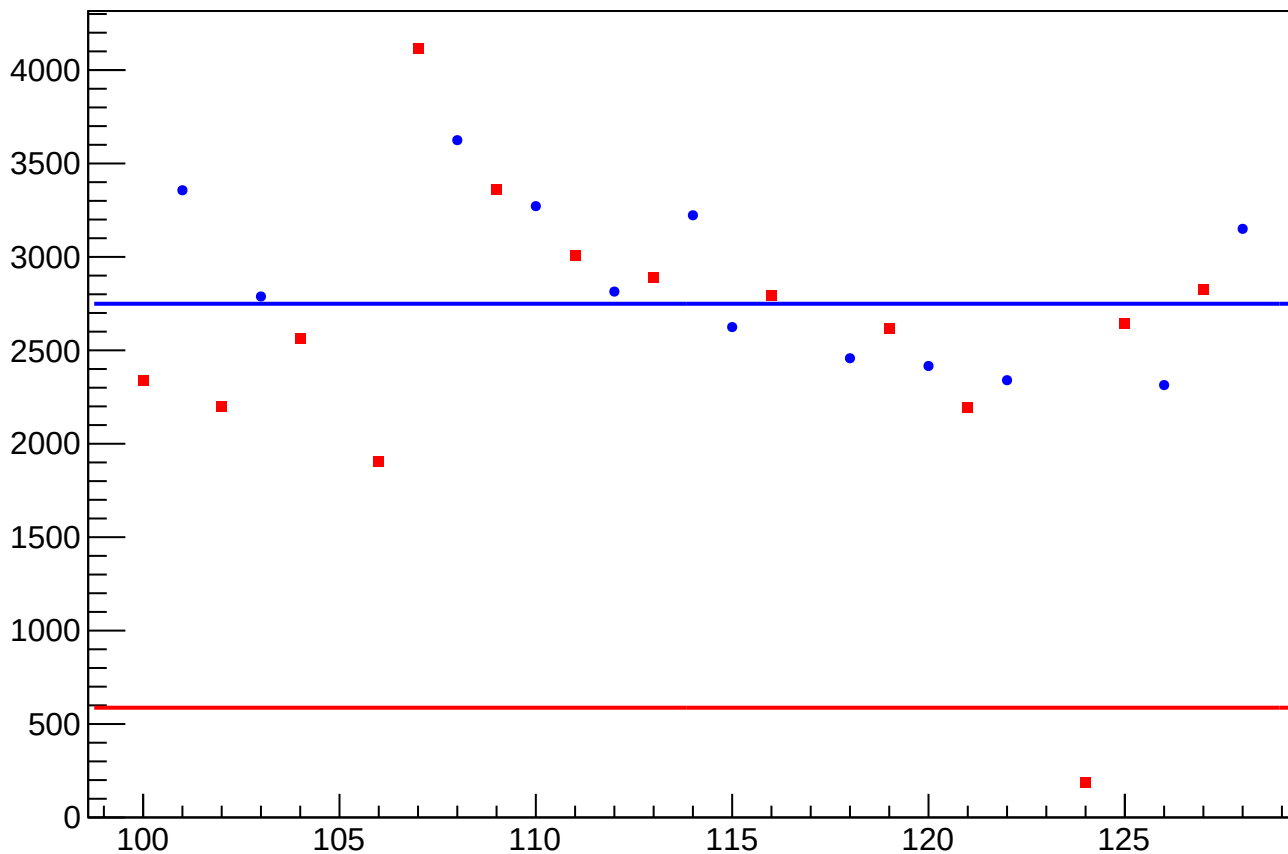
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -297.947+/-437.020 χ^2/NDF : 26.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_reg_correction_rms vs Slug



Right In: 2749.243 $\pm$ 0.881 χ^2 /NDF: 212086.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 587.378 $\pm$ 0.330 χ^2 /NDF: 7529671.0/13

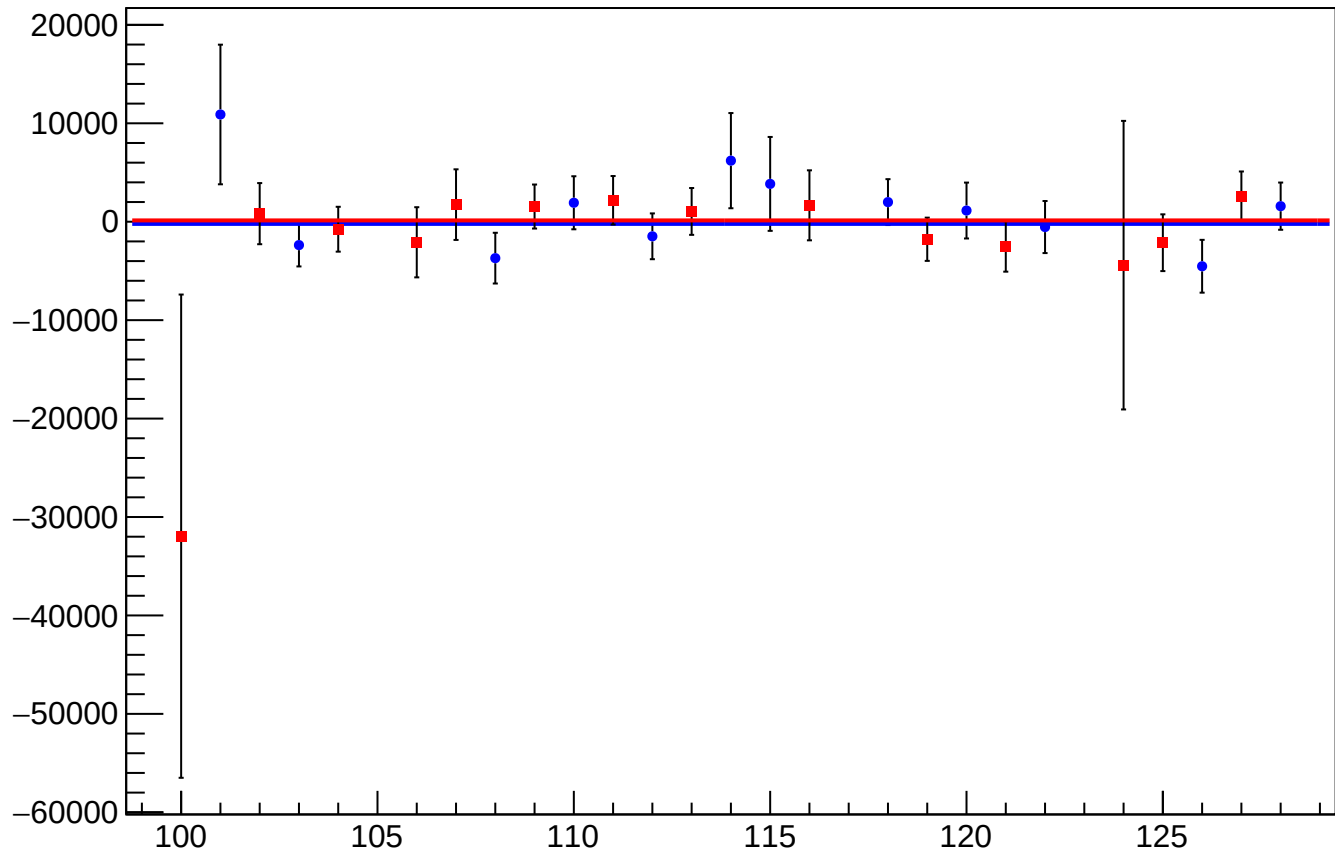
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 853.102 $\pm$ 0.309 χ^2 /NDF: 13018051.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atr1l2_dd_mean vs Slug



Right In: -220.278+/-801.614 χ^2 /NDF: 13.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 133.668+/-762.542 χ^2 /NDF: 7.4/13

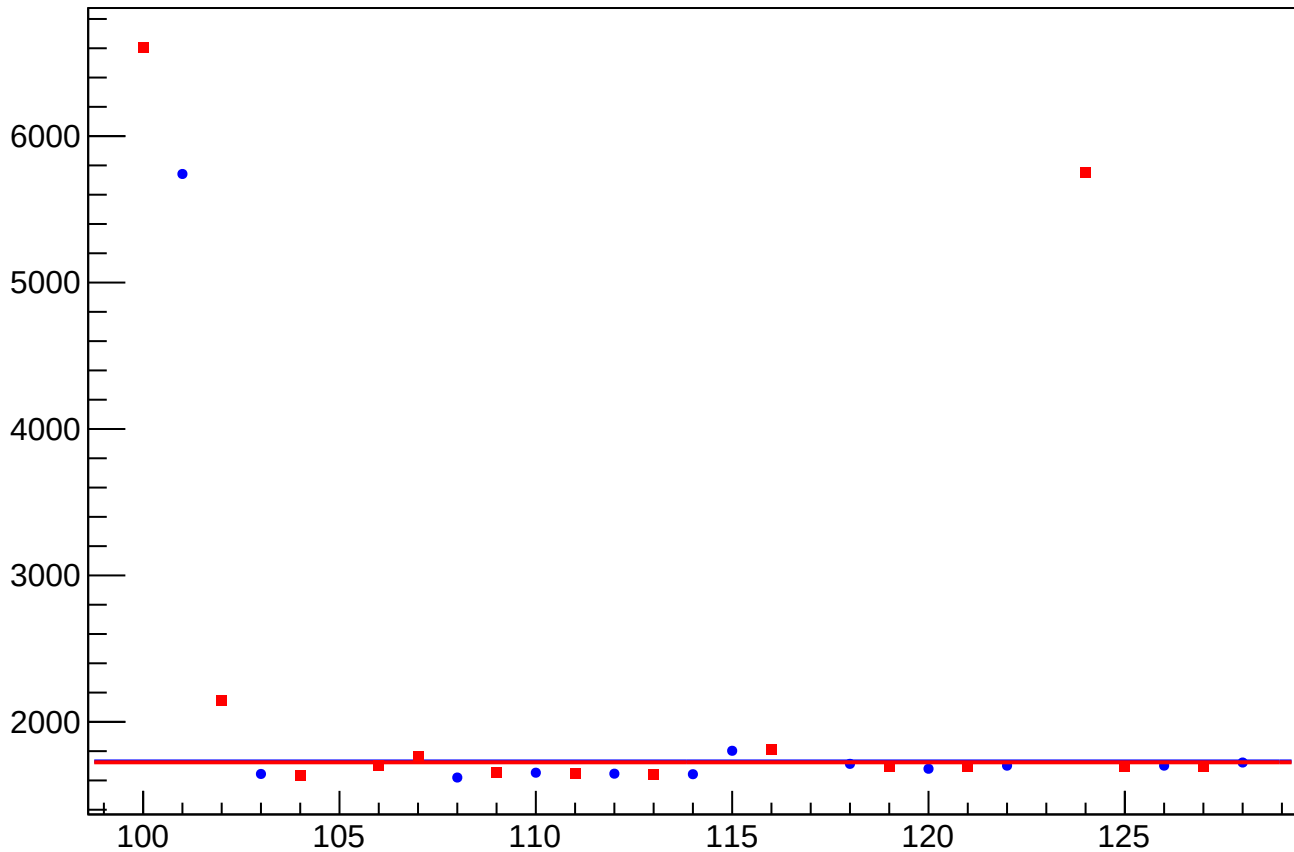
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -34.469+/-552.495 χ^2 /NDF: 20.5/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_atr1l2_dd_rms vs Slug



Right In: 1729.692+/-0.567 χ^2/NDF : 653108.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1723.851+/-0.536 χ^2/NDF : 278797.3/13

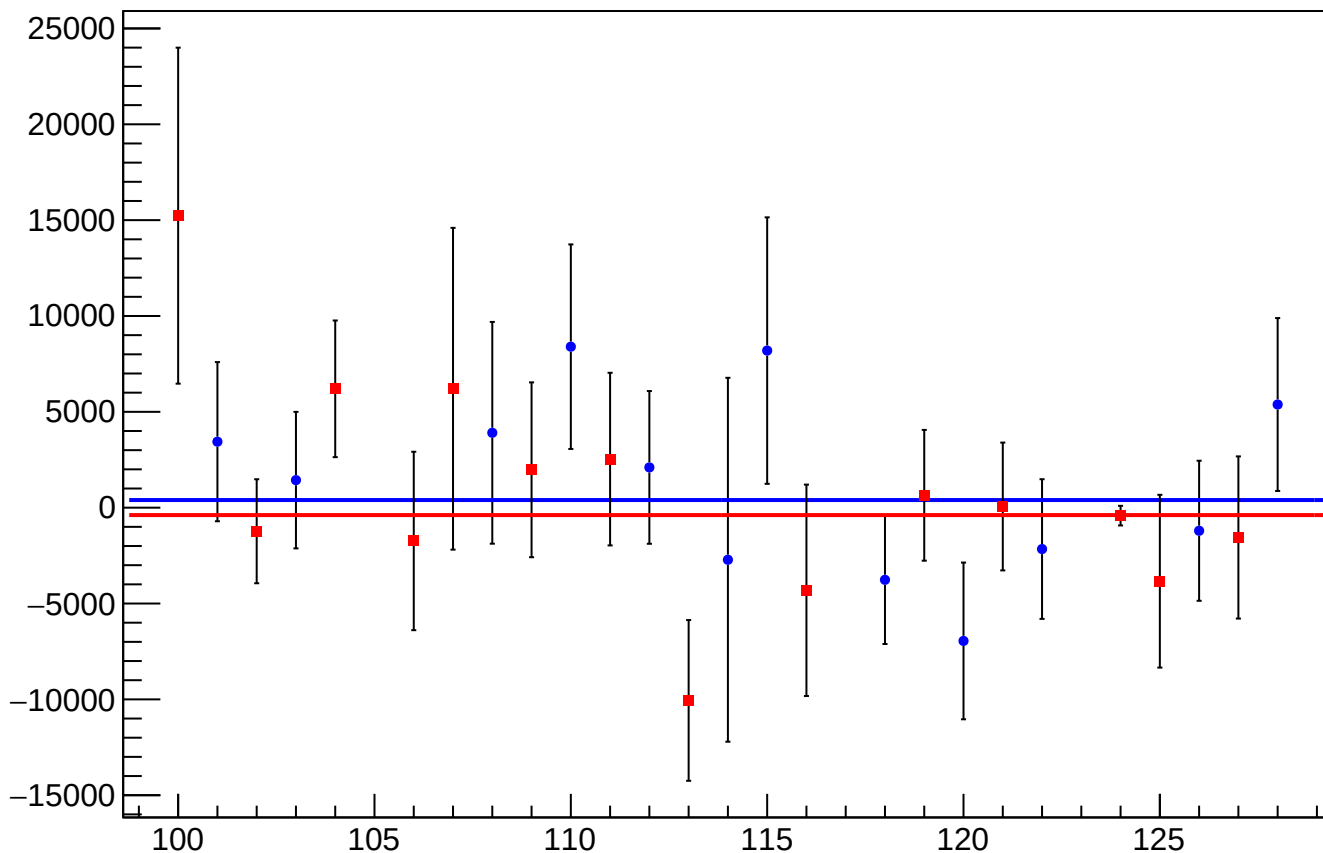
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1726.611+/-0.390 χ^2/NDF : 931961.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_cor_correction_mean vs Slug



Right In: 398.174+/-1245.017 χ^2/NDF : 11.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -386.413+/-467.605 χ^2/NDF : 14.7/13

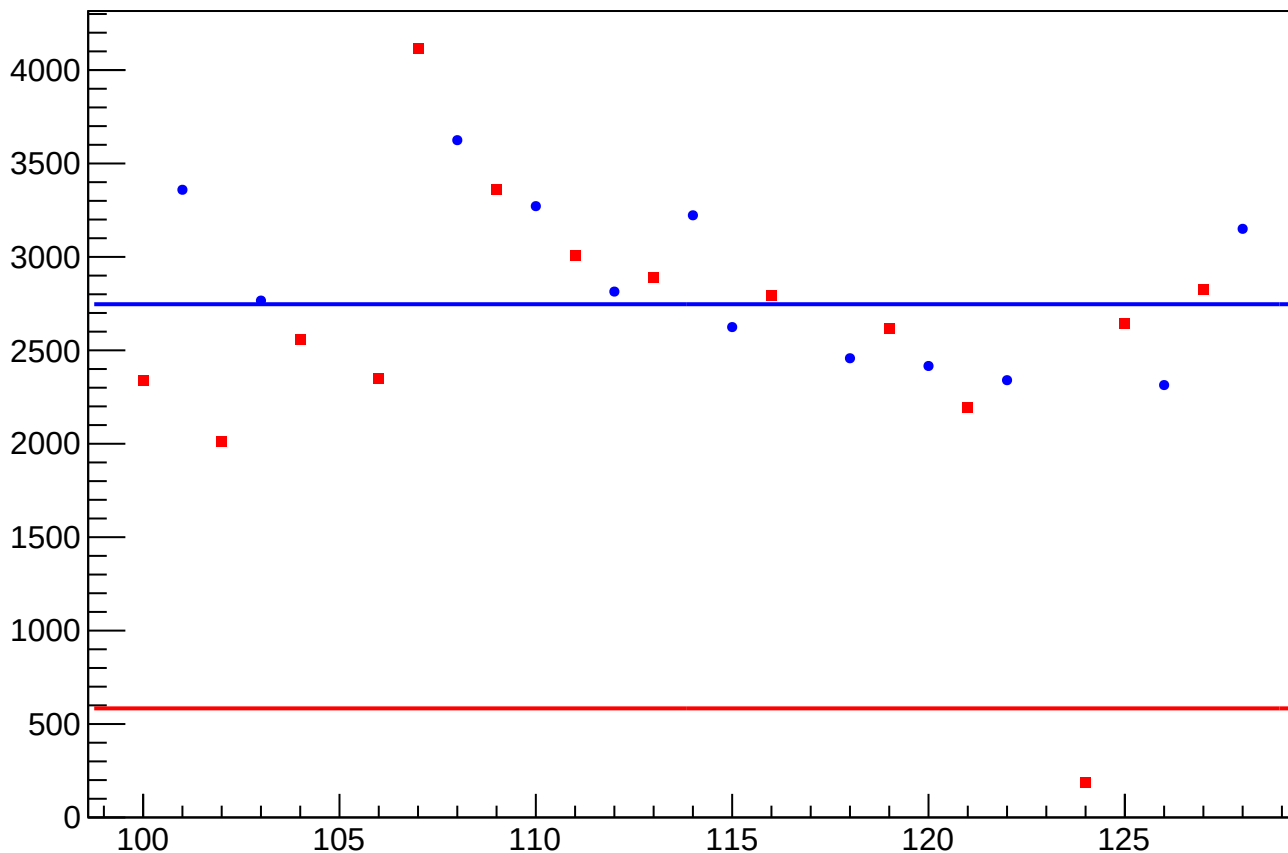
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -289.420+/-437.749 χ^2/NDF : 26.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_cor_correction_rms vs Slug



Right In: 2746.799+/-0.880 χ^2/NDF : 212196.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 583.779+/-0.331 χ^2/NDF : 7480263.5/13

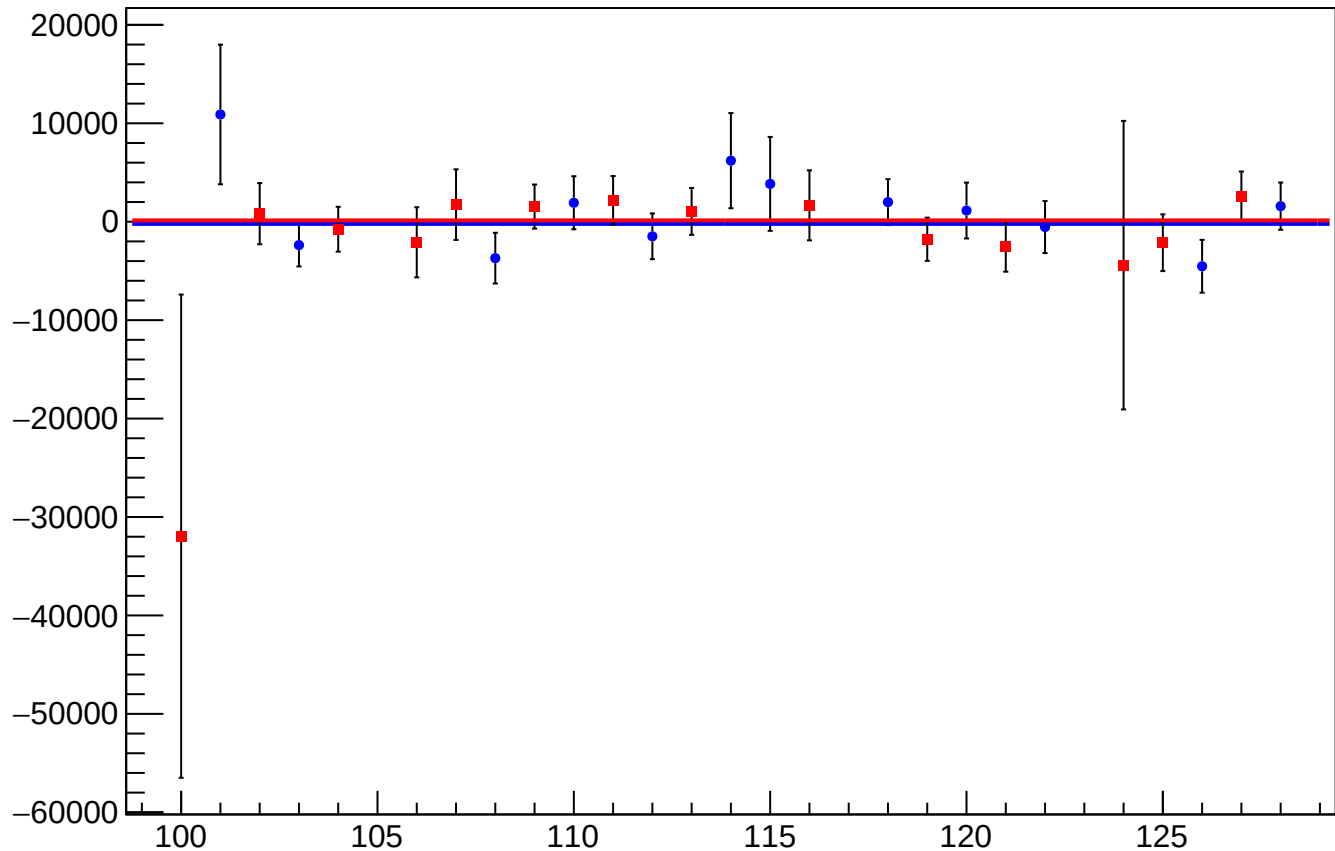
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 851.178+/-0.310 χ^2/NDF : 12982892.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr1l2_dd_mean vs Slug



Right In: -220.278+/-801.614 χ^2/NDF : 13.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.668+/-762.542 χ^2/NDF : 7.4/13

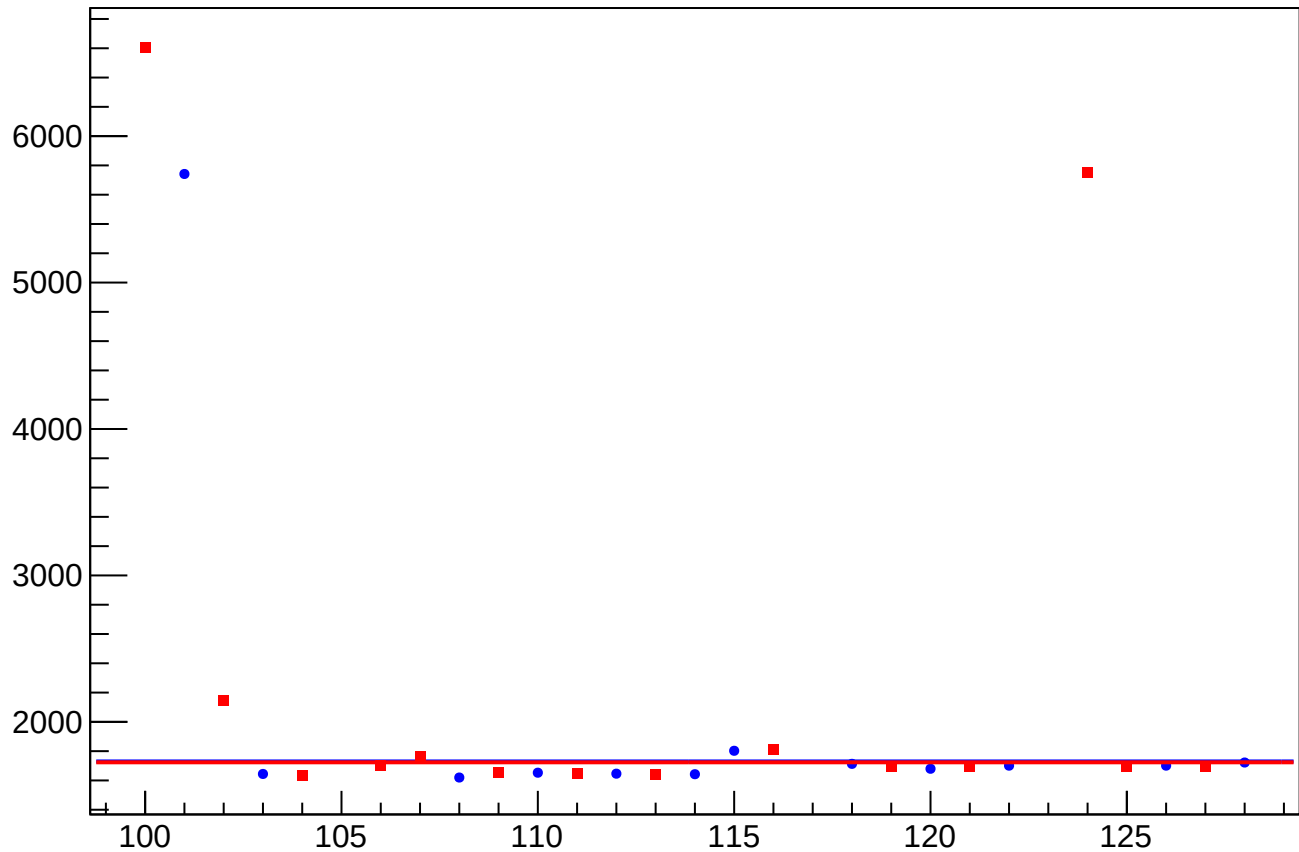
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.469+/-552.495 χ^2/NDF : 20.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr1l2_dd_rms vs Slug



Right In: 1729.692+/-0.567 χ^2/NDF : 653108.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1723.851+/-0.536 χ^2/NDF : 278797.3/13

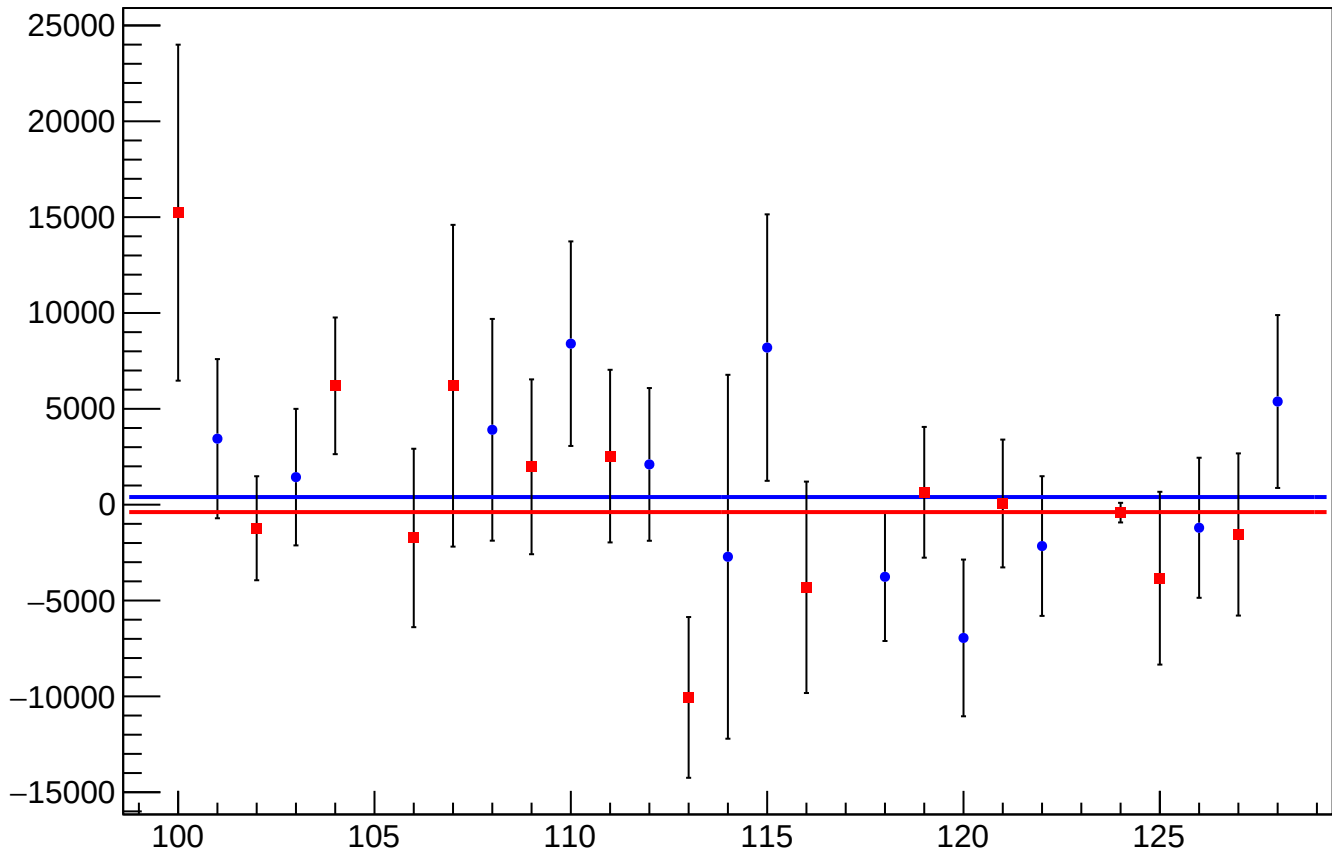
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1726.611+/-0.390 χ^2/NDF : 931961.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_cor_correction_mean vs Slug



Right In: 398.174+/-1245.017 χ^2/NDF : 11.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -386.413+/-467.605 χ^2/NDF : 14.7/13

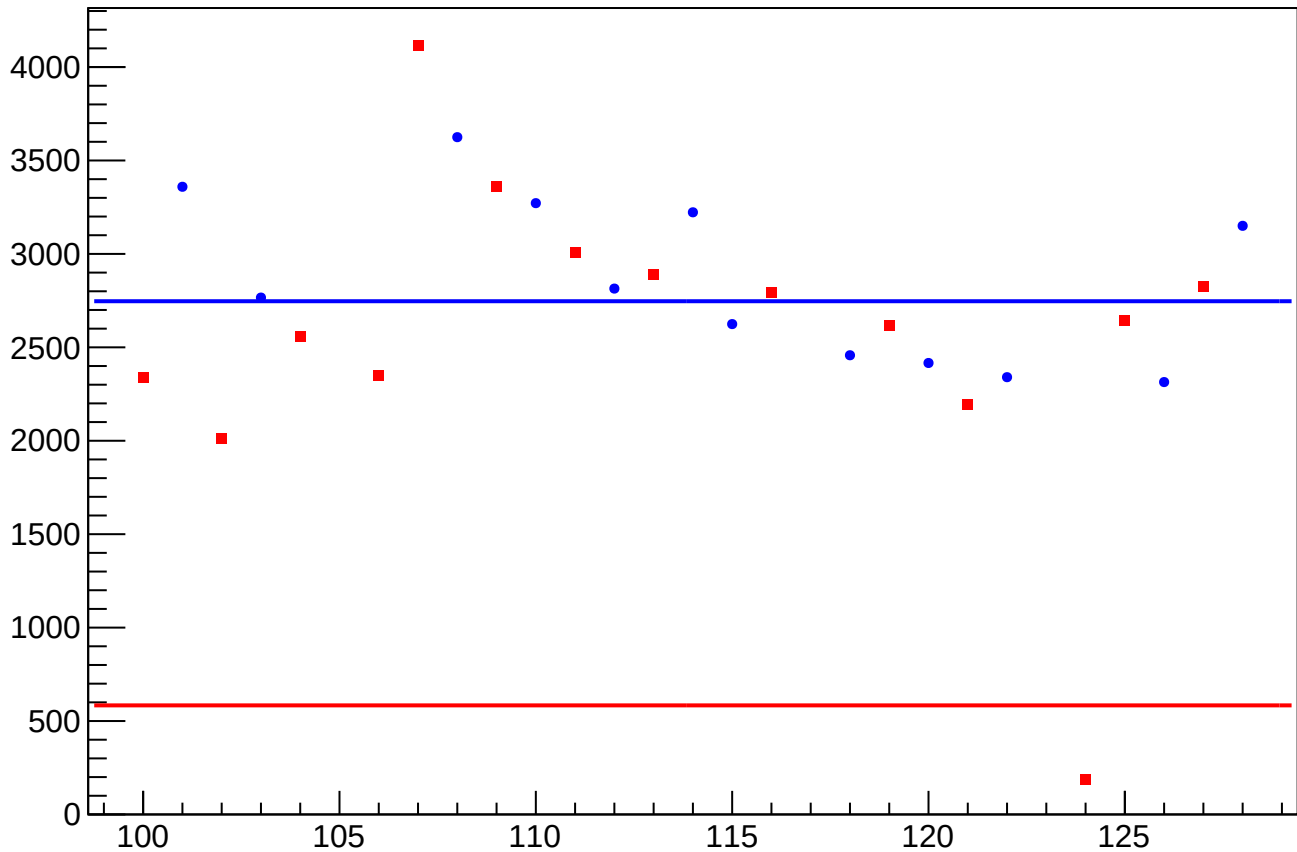
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -289.420+/-437.749 χ^2/NDF : 26.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_cor_correction_rms vs Slug



Right In: 2746.799+/-0.880 χ^2/NDF : 212196.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 583.779+/-0.331 χ^2/NDF : 7480263.5/13

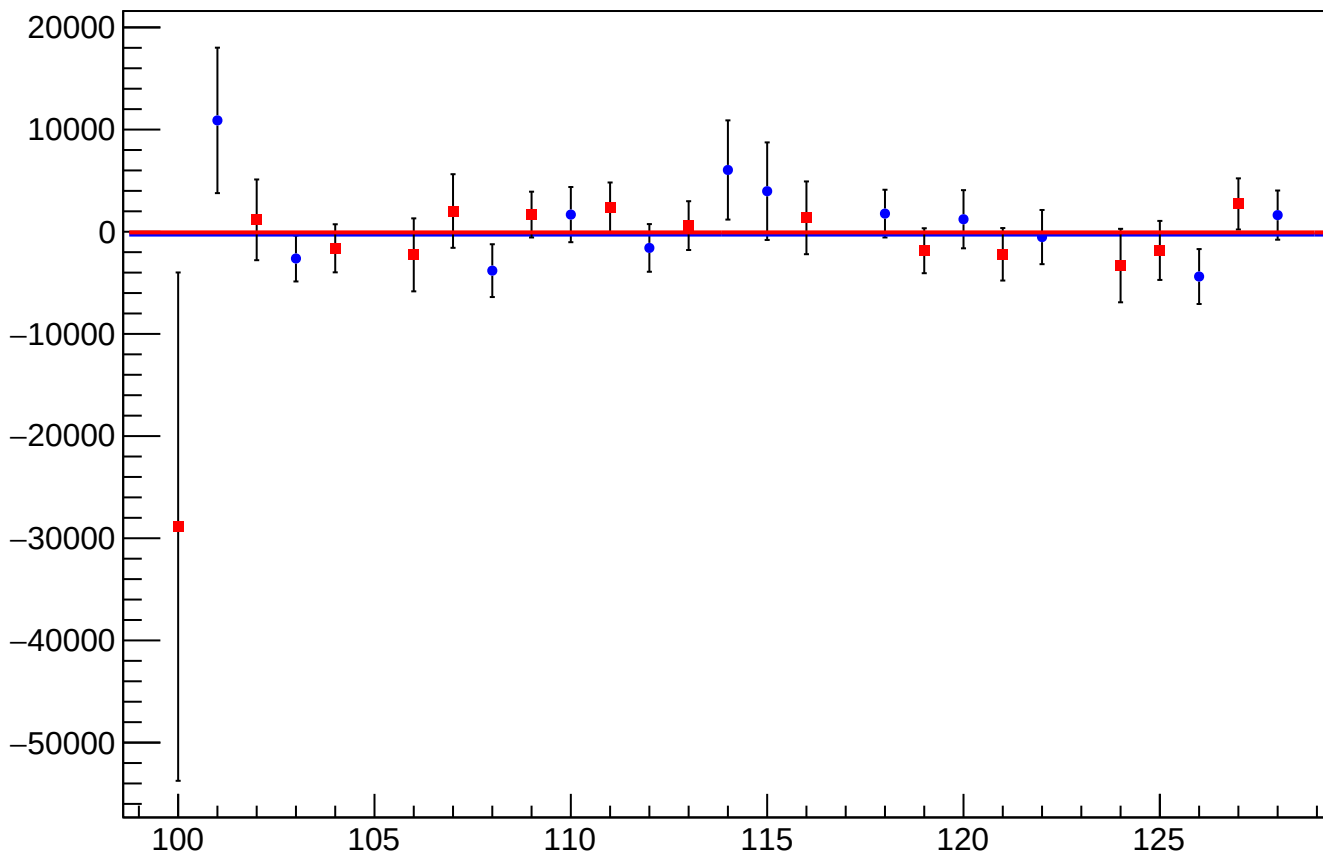
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 851.178+/-0.310 χ^2/NDF : 12982892.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr1l2_dd_mean vs Slug



Right In: -278.378+/-807.224 χ^2 /NDF: 12.8/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -64.360+/-759.422 χ^2 /NDF: 8.2/13

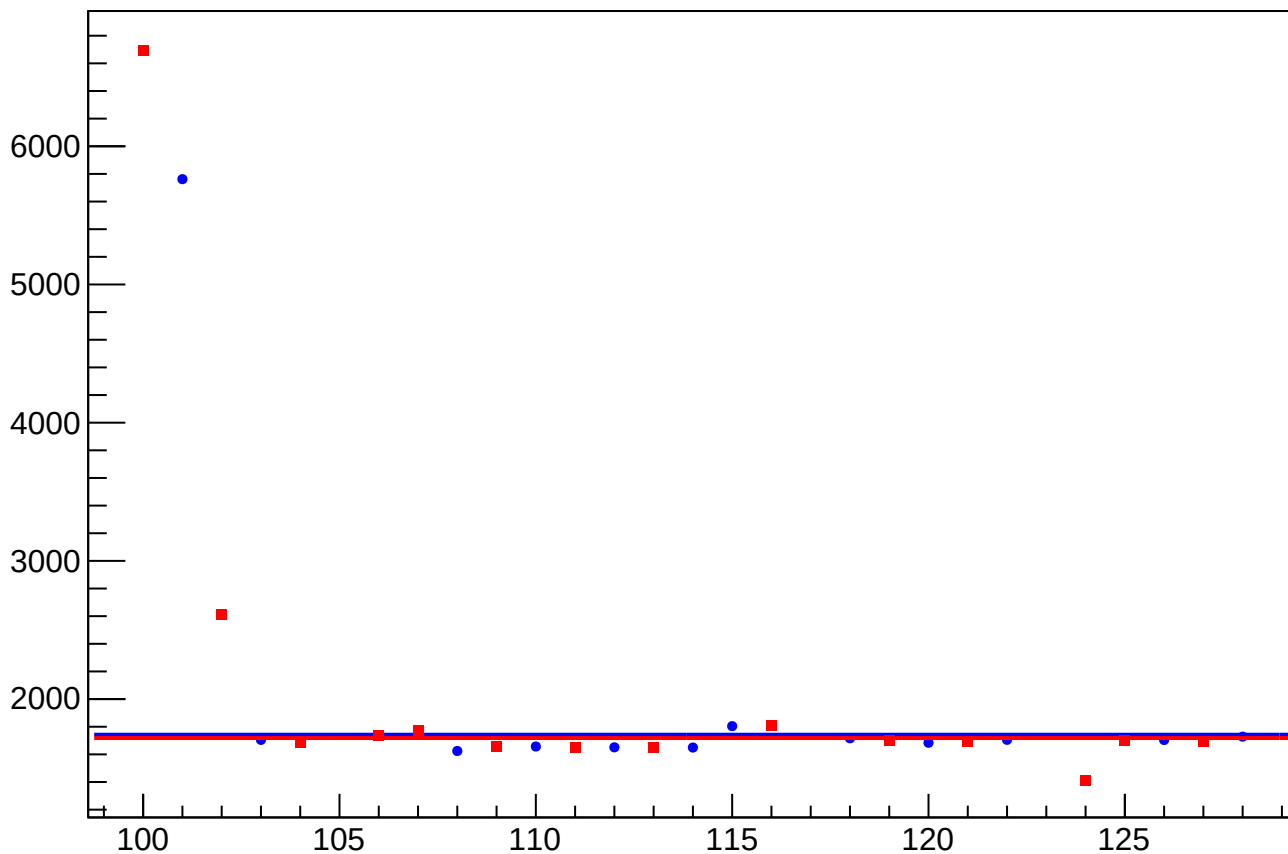
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -164.845+/-553.120 χ^2 /NDF: 21.0/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_asym_atr1l2_dd_rms vs Slug



Right In: 1742.077 $\pm$ 0.571 χ^2 /NDF: 650536.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1718.112 $\pm$ 0.535 χ^2 /NDF: 204746.9/13

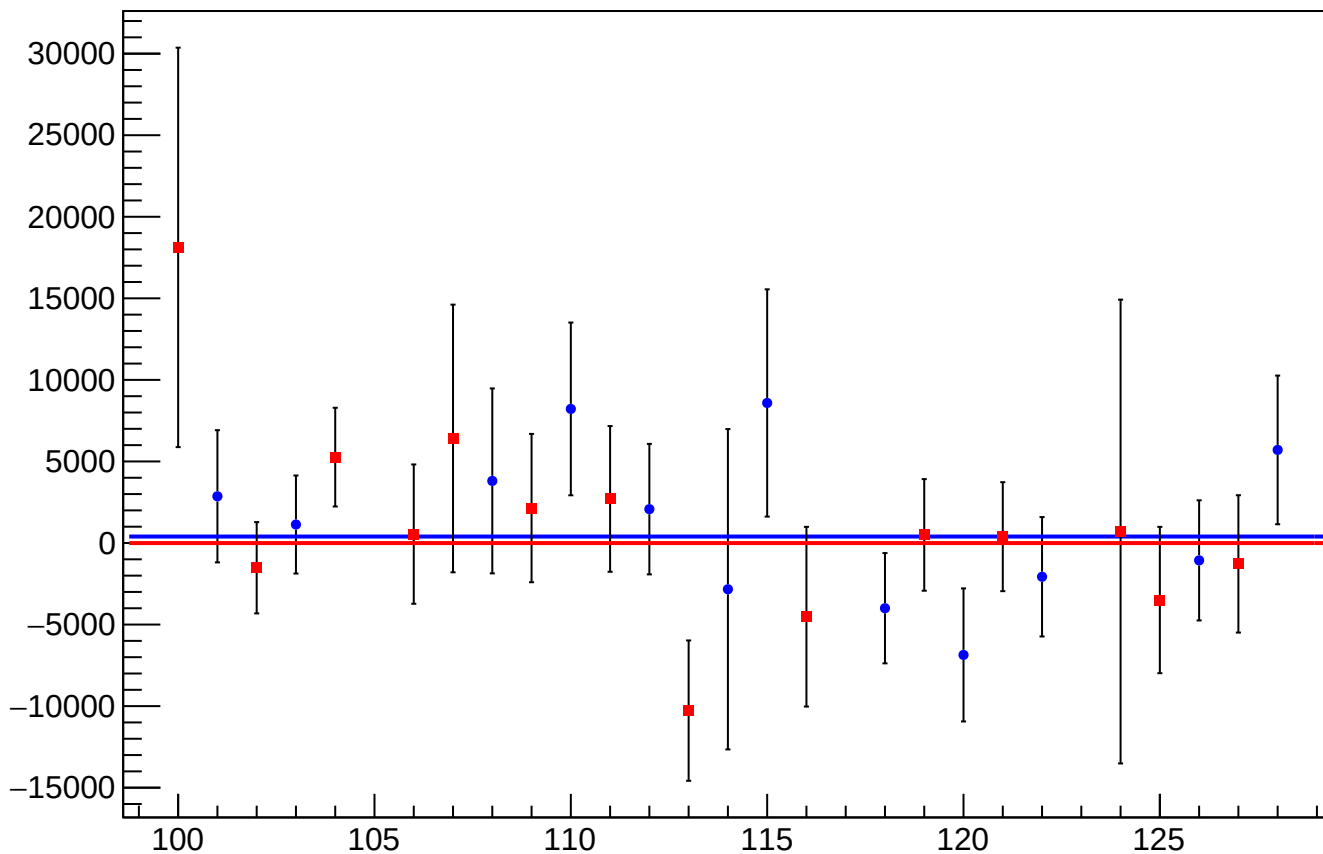
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1729.317 $\pm$ 0.390 χ^2 /NDF: 856222.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_dit_correction_mean vs Slug



Right In: 396.851+/-1216.330 χ^2/NDF : 11.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.753+/-1128.791 χ^2/NDF : 13.8/13

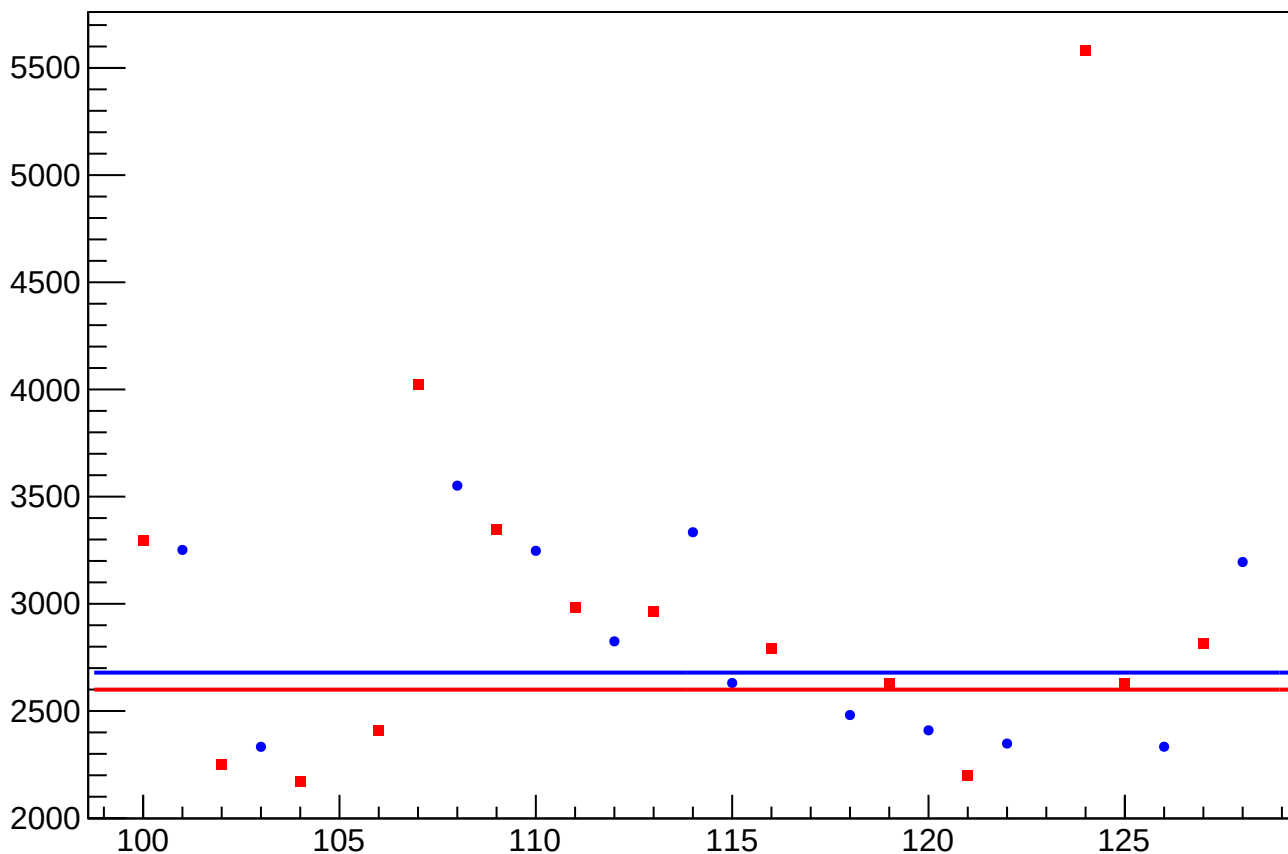
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.616+/-827.394 χ^2/NDF : 25.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_dit_correction_rms vs Slug



Right In: 2678.999+/-0.860 χ^2/NDF : 223657.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2599.636+/-0.798 χ^2/NDF : 349870.0/13

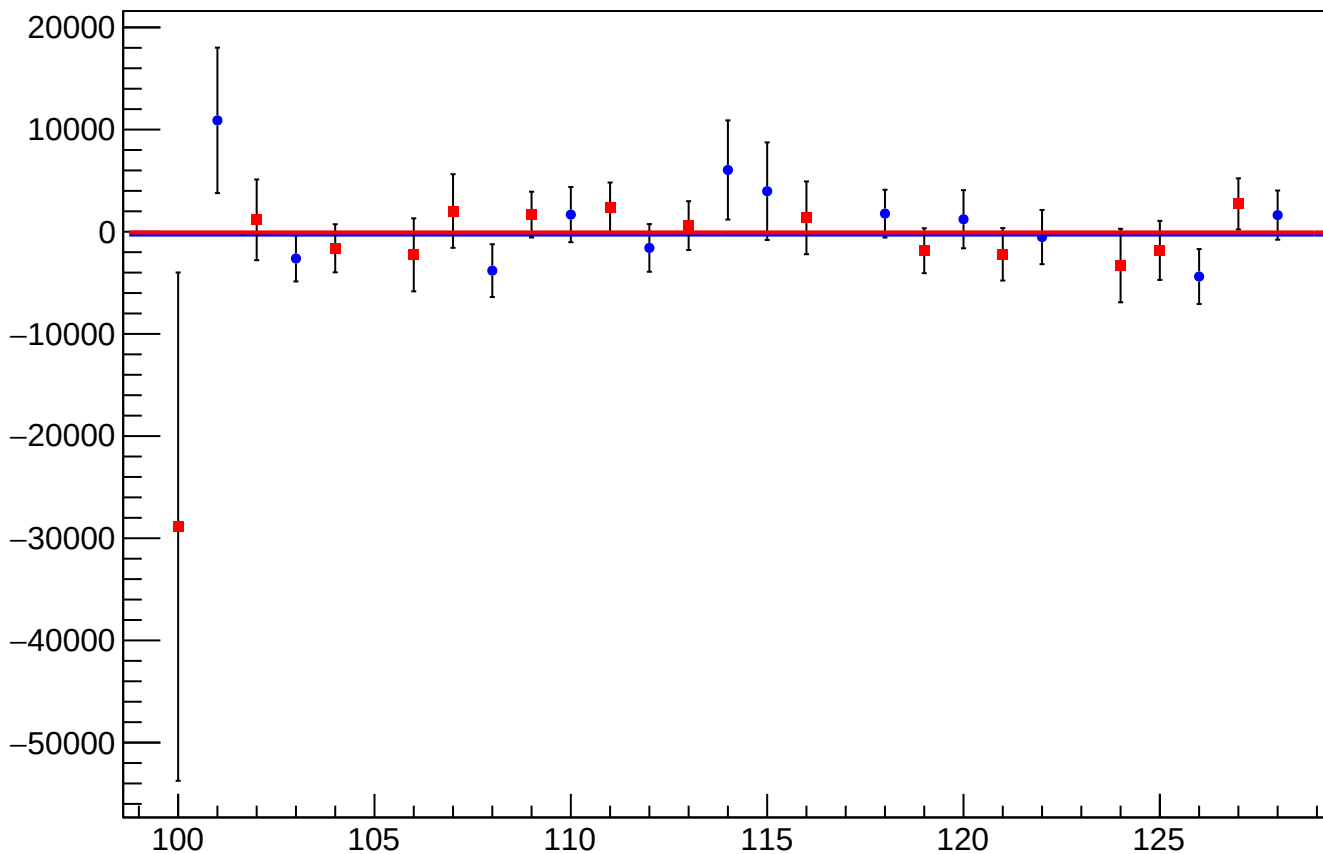
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2636.359+/-0.585 χ^2/NDF : 578101.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr1l2_dd_mean vs Slug



Right In: -278.384 ± 807.224 χ^2/NDF : 12.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -64.354 ± 759.422 χ^2/NDF : 8.2/13

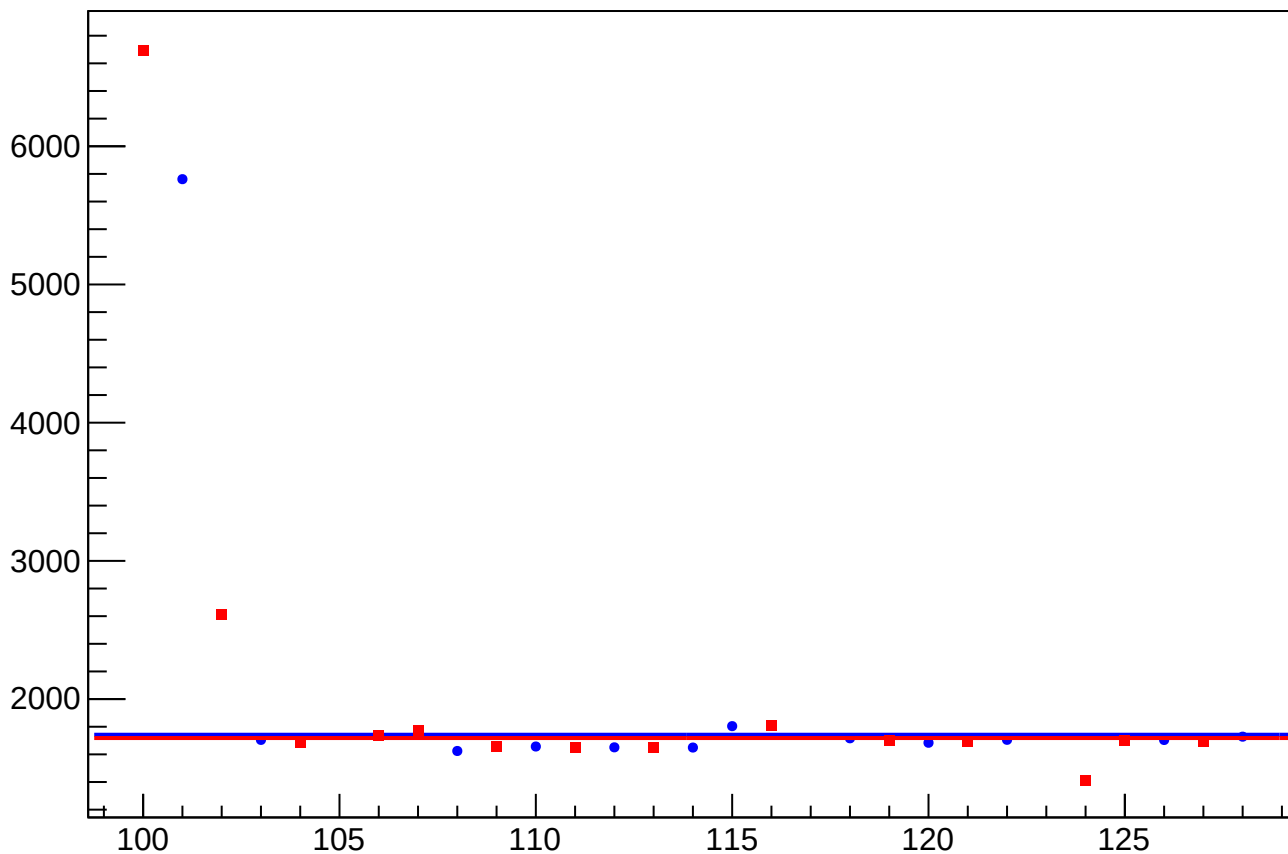
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

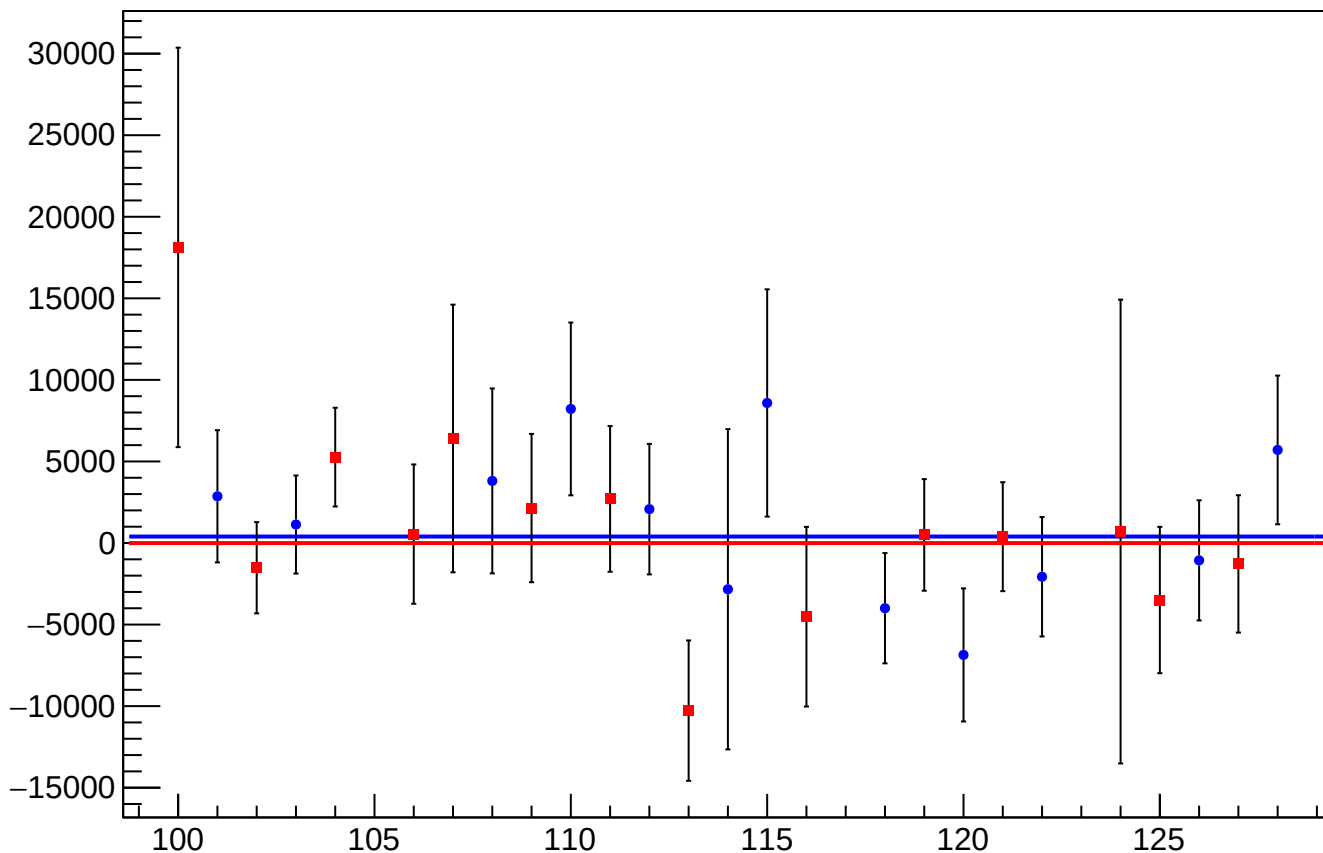
All: -164.844 ± 553.120 χ^2/NDF : 21.0/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr1l2_dd_rms vs Slug



asym_atr1l2_dd_eigen_dit_correction_mean vs Slug



Right In: 396.845 $\pm$ 1216.326 χ^2 /NDF: 11.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.753 $\pm$ 1128.789 χ^2 /NDF: 13.8/13

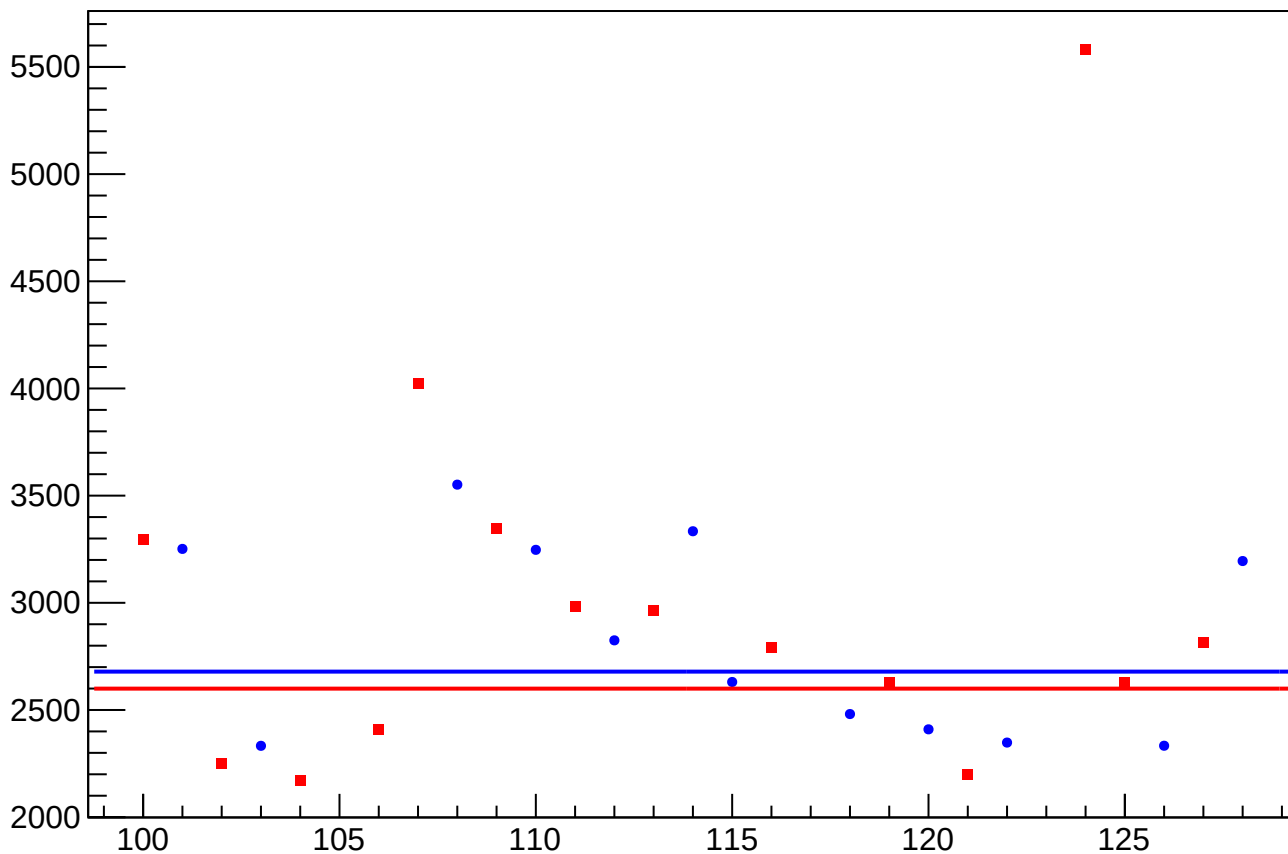
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 181.614 $\pm$ 827.392 χ^2 /NDF: 25.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_eigen_dit_correction_rms vs Slug



Right In: 2678.990+/-0.860 χ^2/NDF : 223657.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

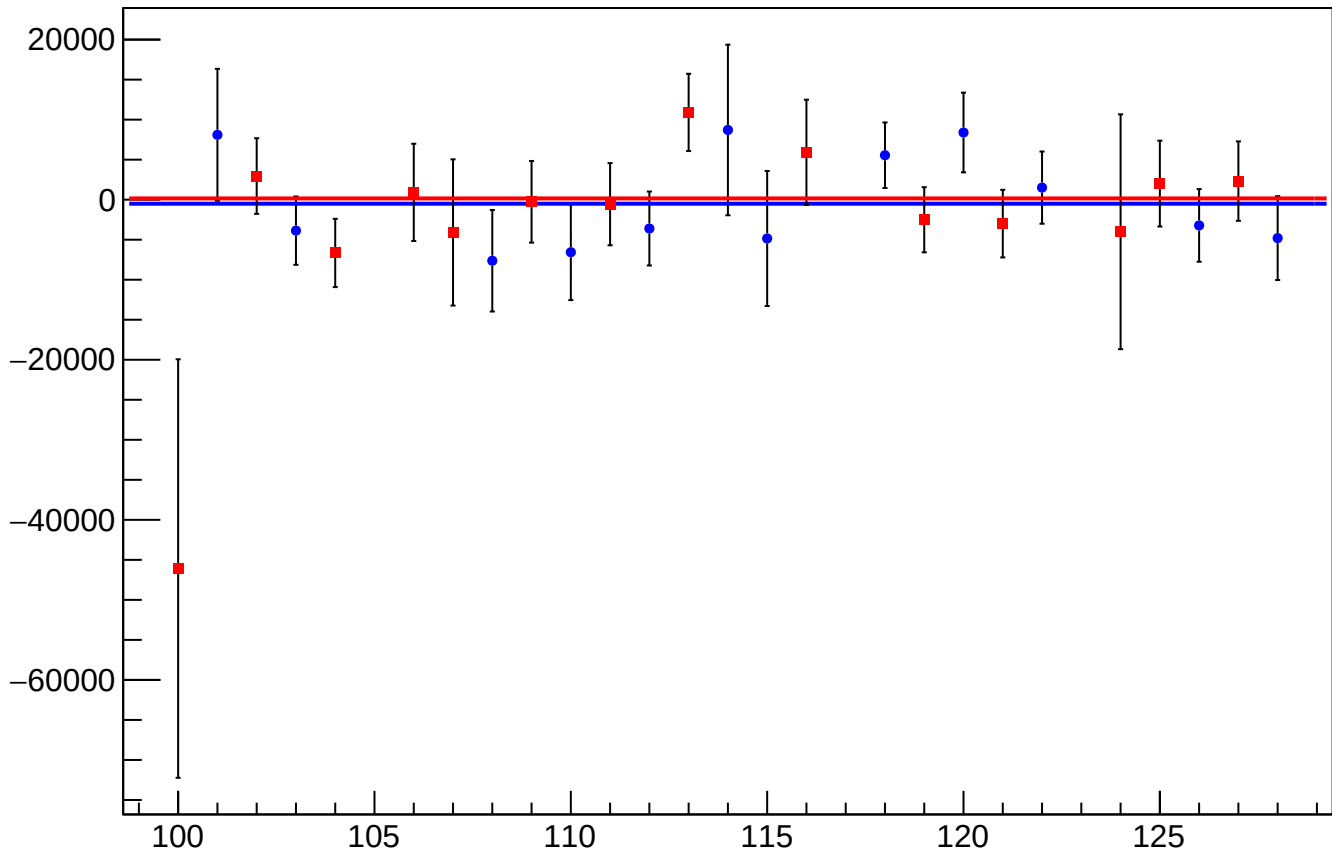
Right Out: 2599.631+/-0.798 χ^2/NDF : 349866.3/13

All: 2636.352+/-0.585 χ^2/NDF : 578097.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_mean vs Slug



Right In: -501.524+/-1531.830 χ^2/NDF : 12.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.809+/-1444.482 χ^2/NDF : 13.4/13

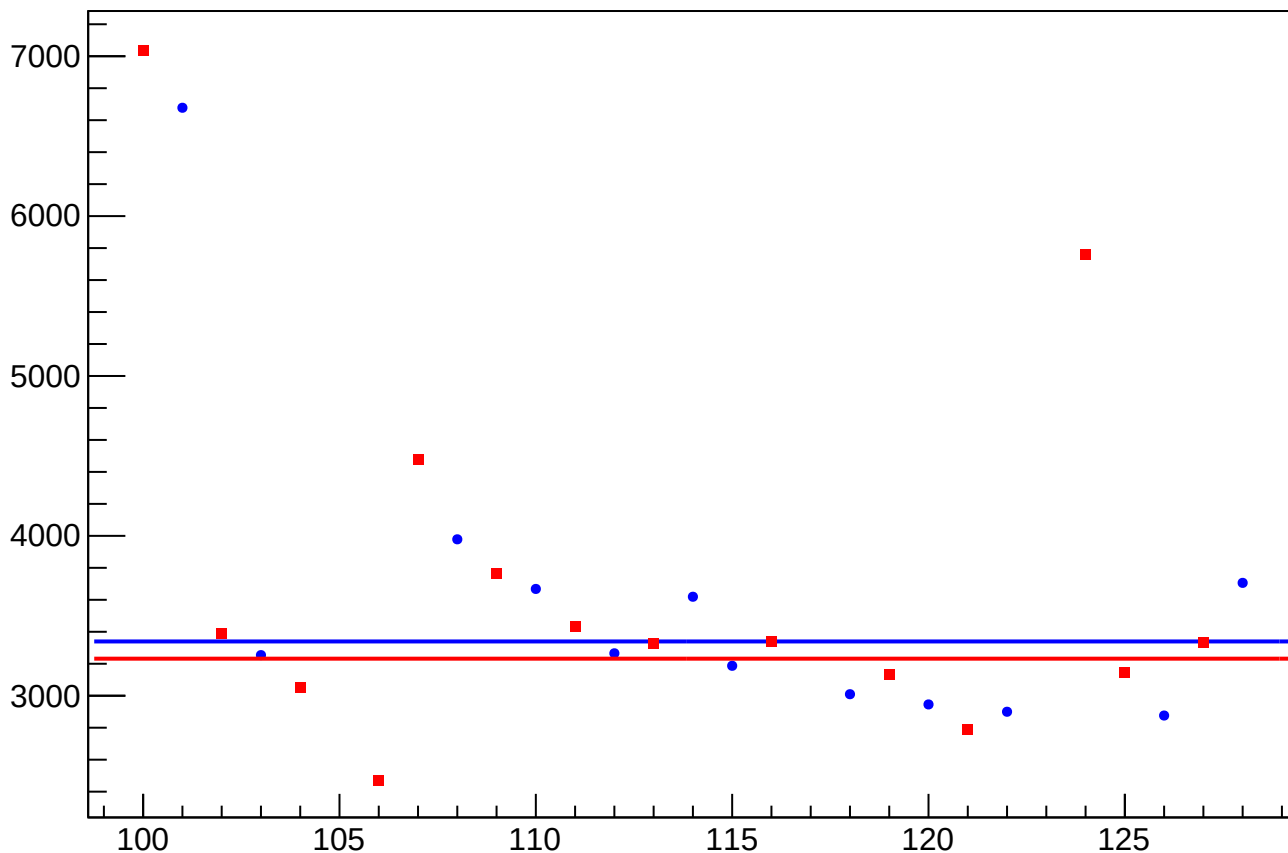
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -153.054+/-1050.926 χ^2/NDF : 25.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_rms vs Slug



Right In: 3339.530+/-1.083 χ^2/NDF : 432645.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3231.777+/-1.003 χ^2/NDF : 247102.7/13

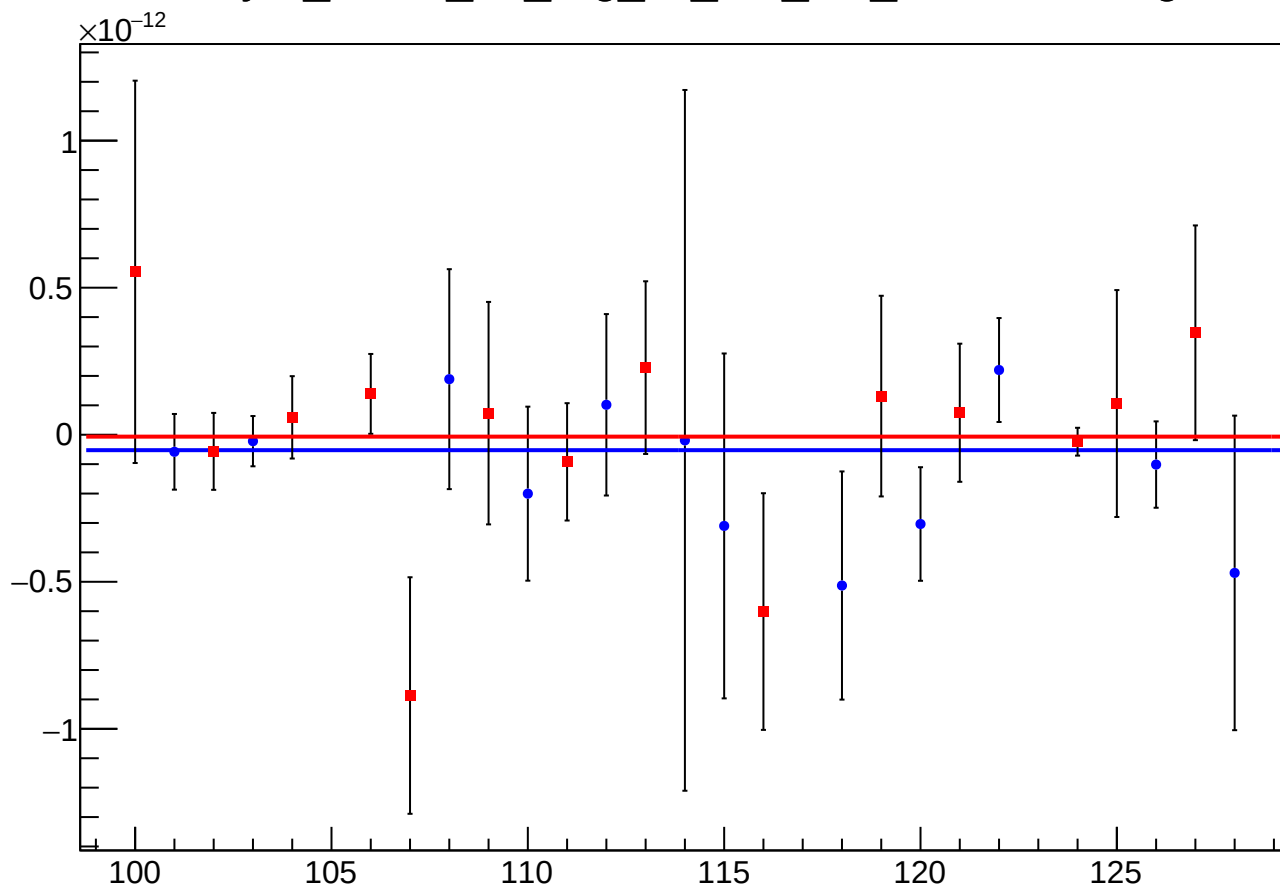
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3281.533+/-0.736 χ^2/NDF : 685075.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 7.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 11.5/13

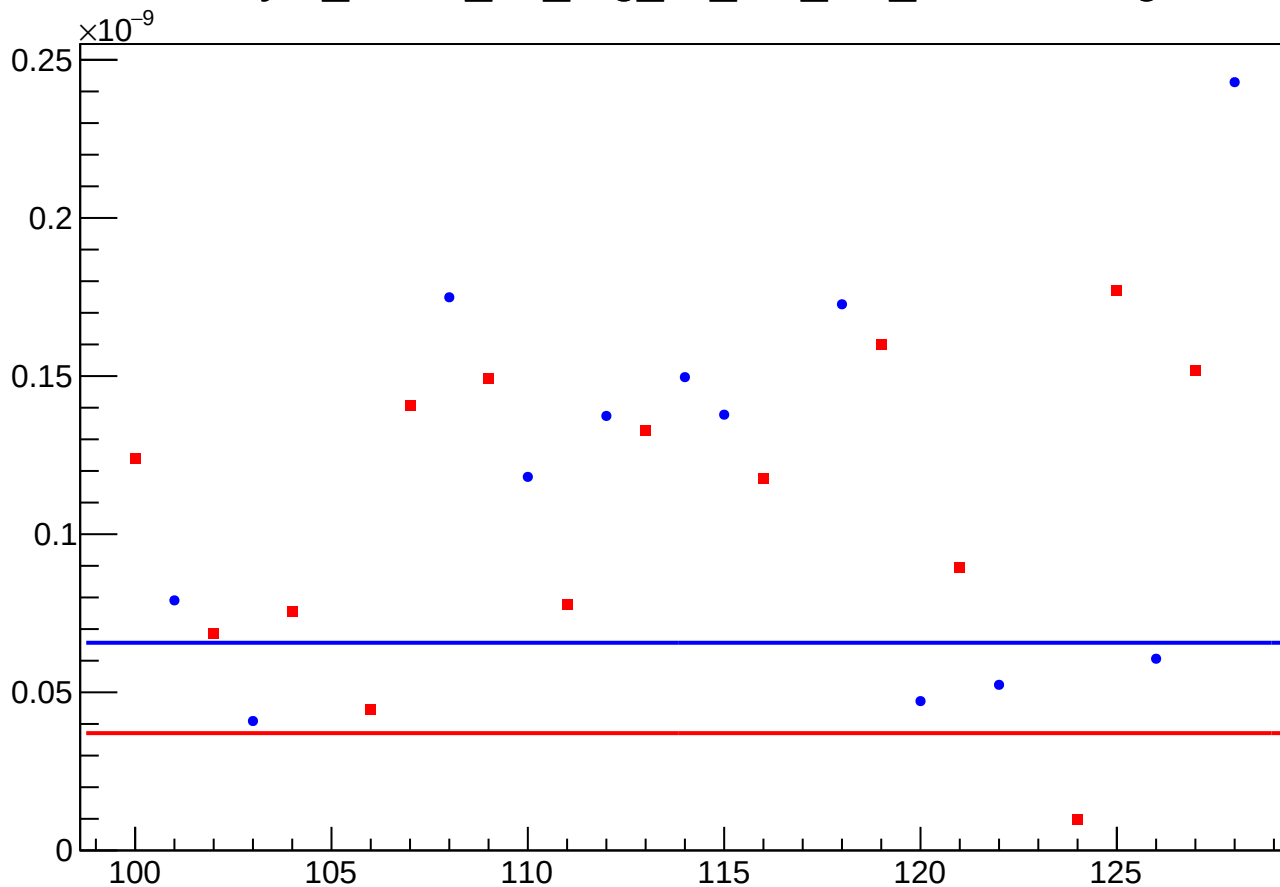
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 19.5/25

- 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 : 975256.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2486265.8/13

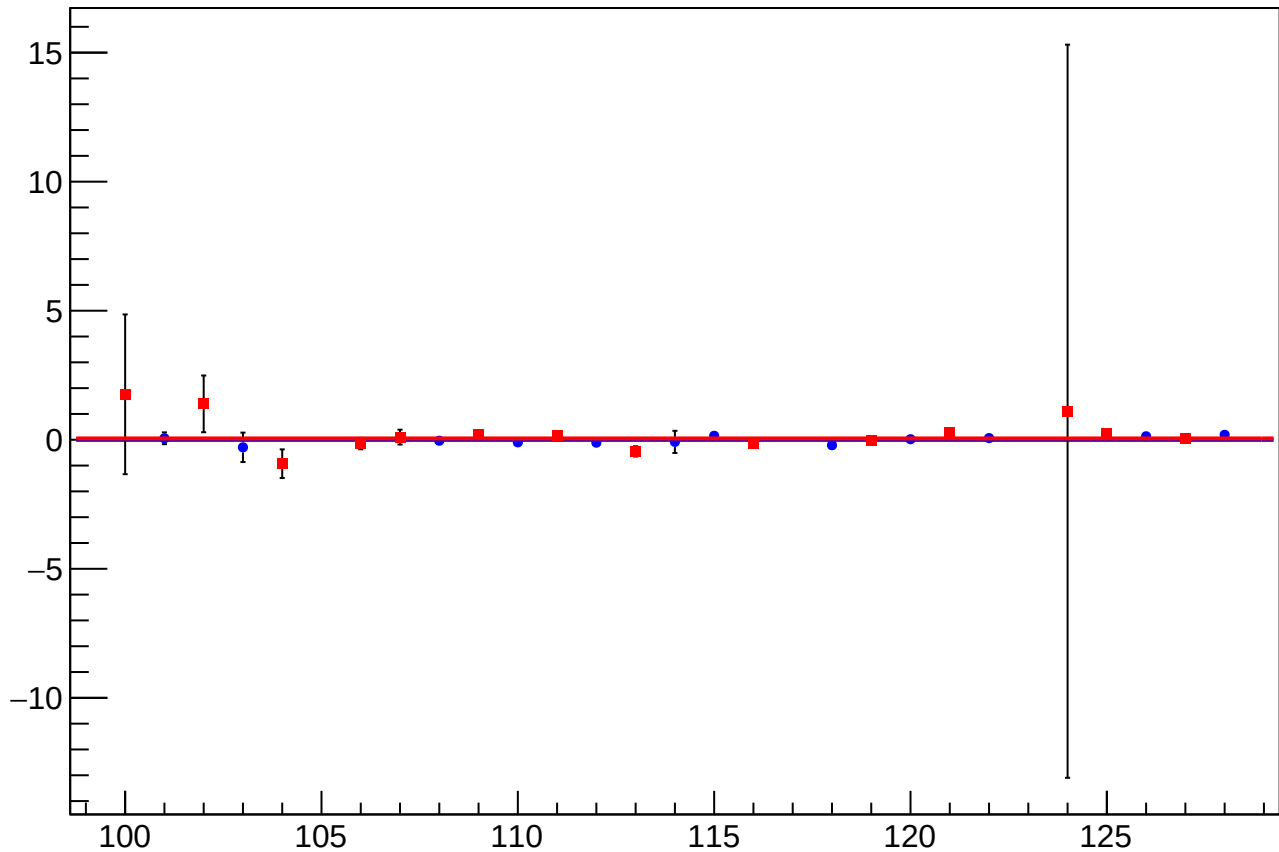
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3841115.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.003 ± 0.052 χ^2/NDF : 6.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.051 ± 0.051 χ^2/NDF : 19.0/13

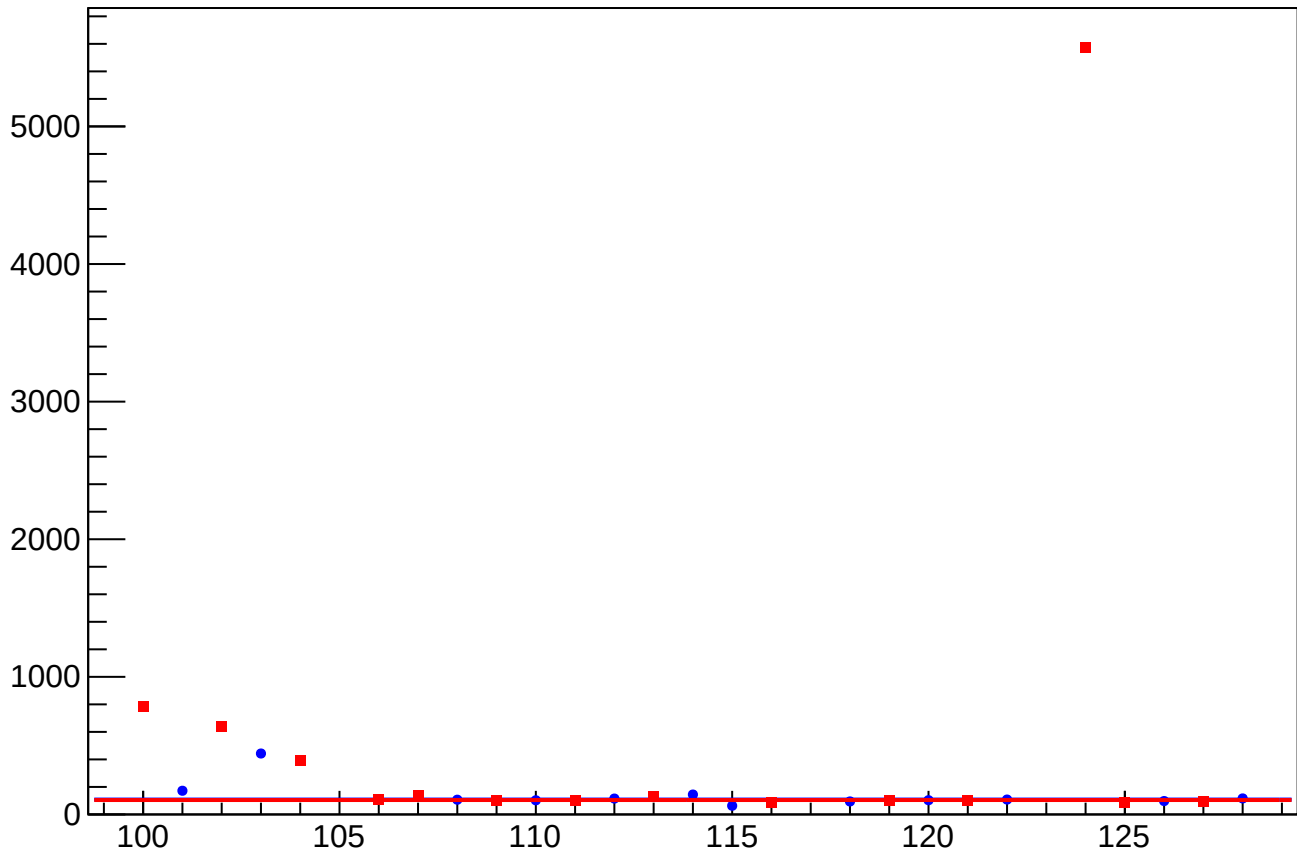
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.025 ± 0.037 χ^2/NDF : 26.4/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 108.123+/-0.037 χ^2/NDF : 1036565.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

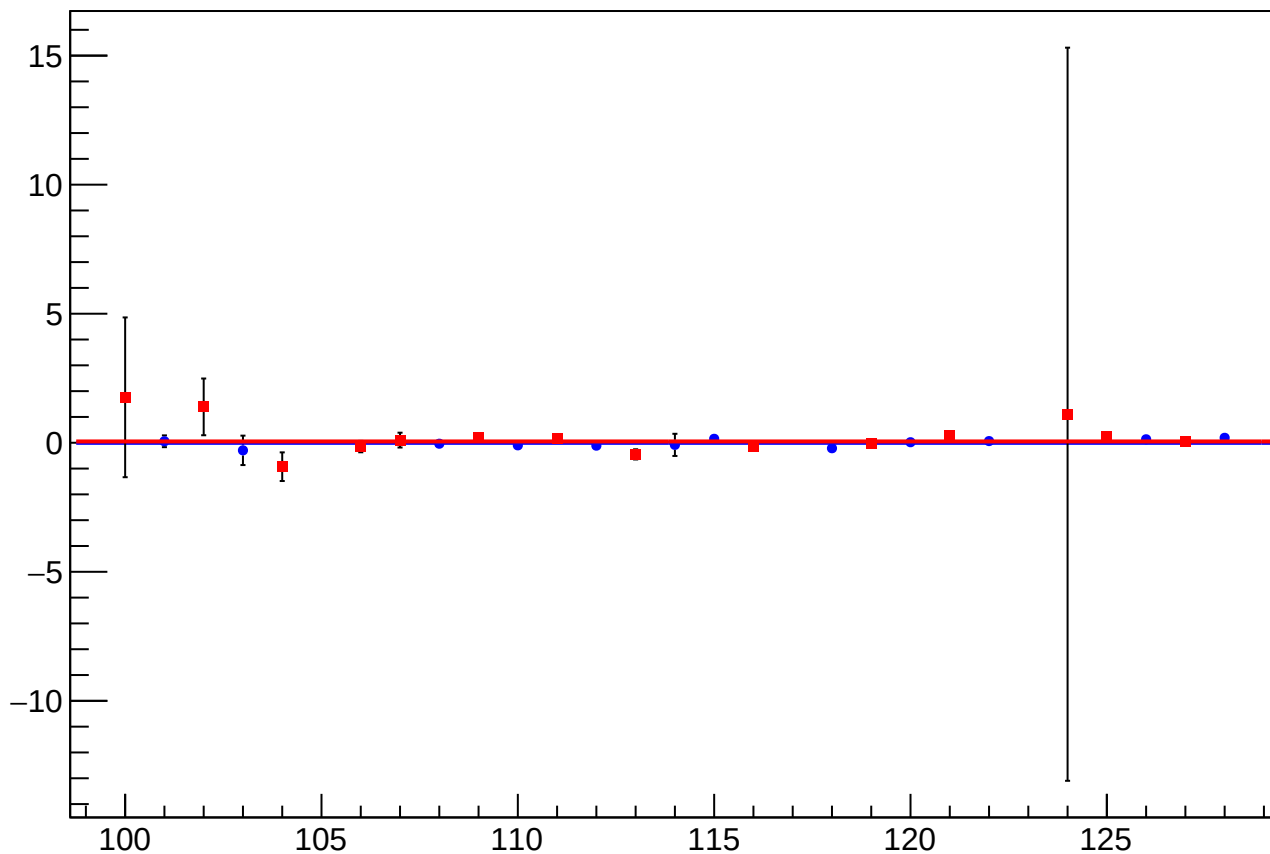
Right Out: 104.856+/-0.036 χ^2/NDF : 1551831.1/13

All: 106.452+/-0.026 χ^2/NDF : 2592358.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.003 ± 0.052 χ^2/NDF : 6.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.051 ± 0.051 χ^2/NDF : 19.0/13

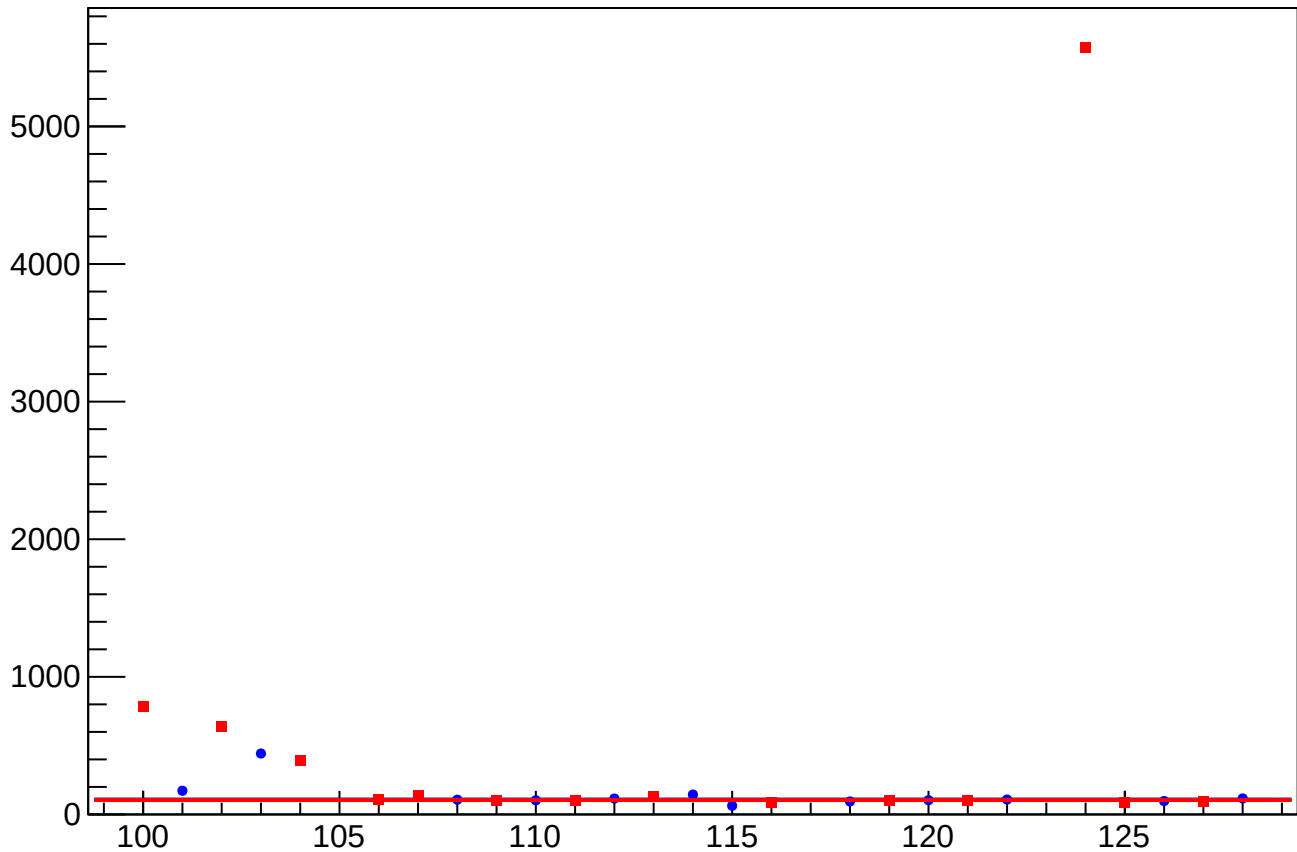
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.025 ± 0.037 χ^2/NDF : 26.4/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 108.123+/-0.037 χ^2/NDF : 1036565.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.856+/-0.036 χ^2/NDF : 1551831.1/13

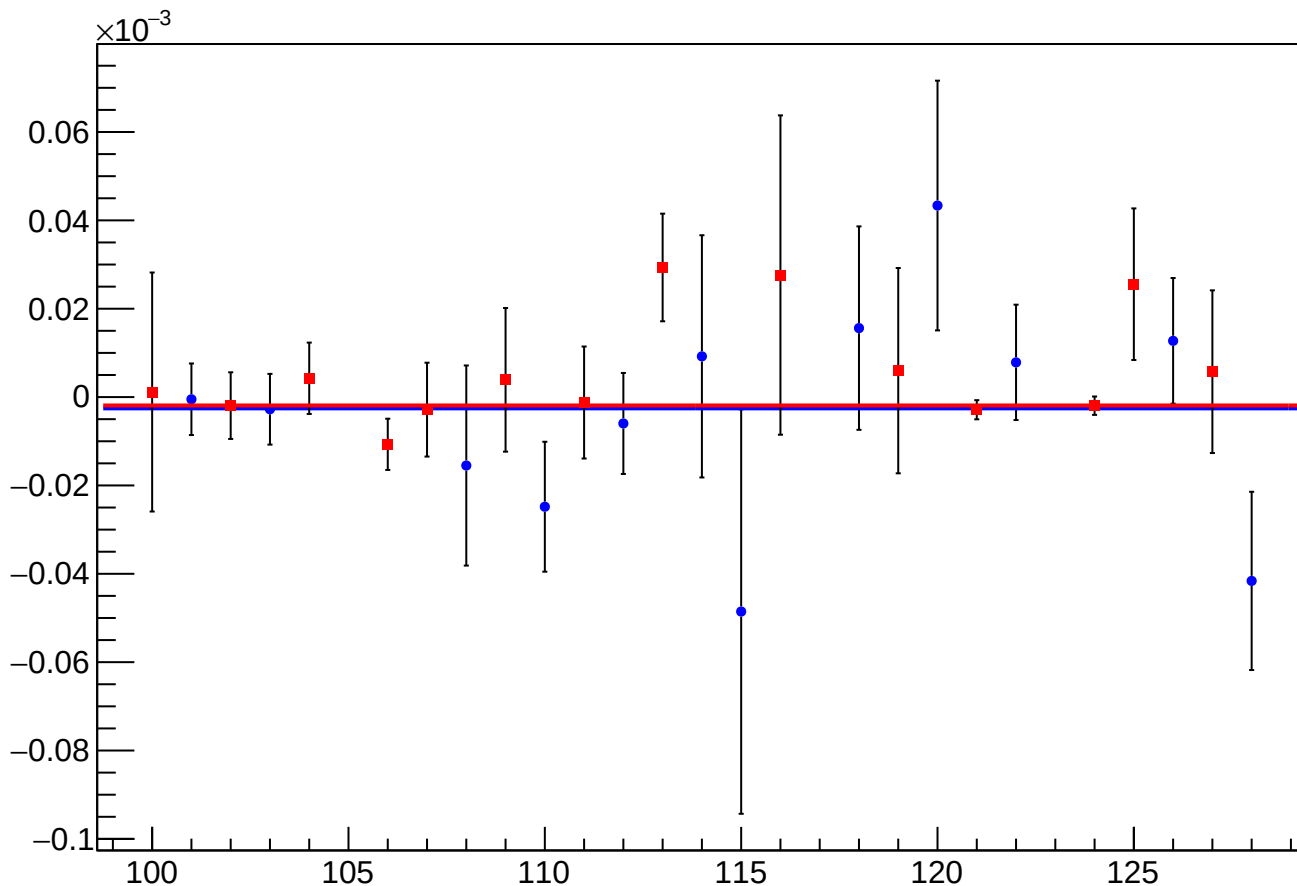
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.452+/-0.026 χ^2/NDF : 2592358.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 12.8/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 13.3/13

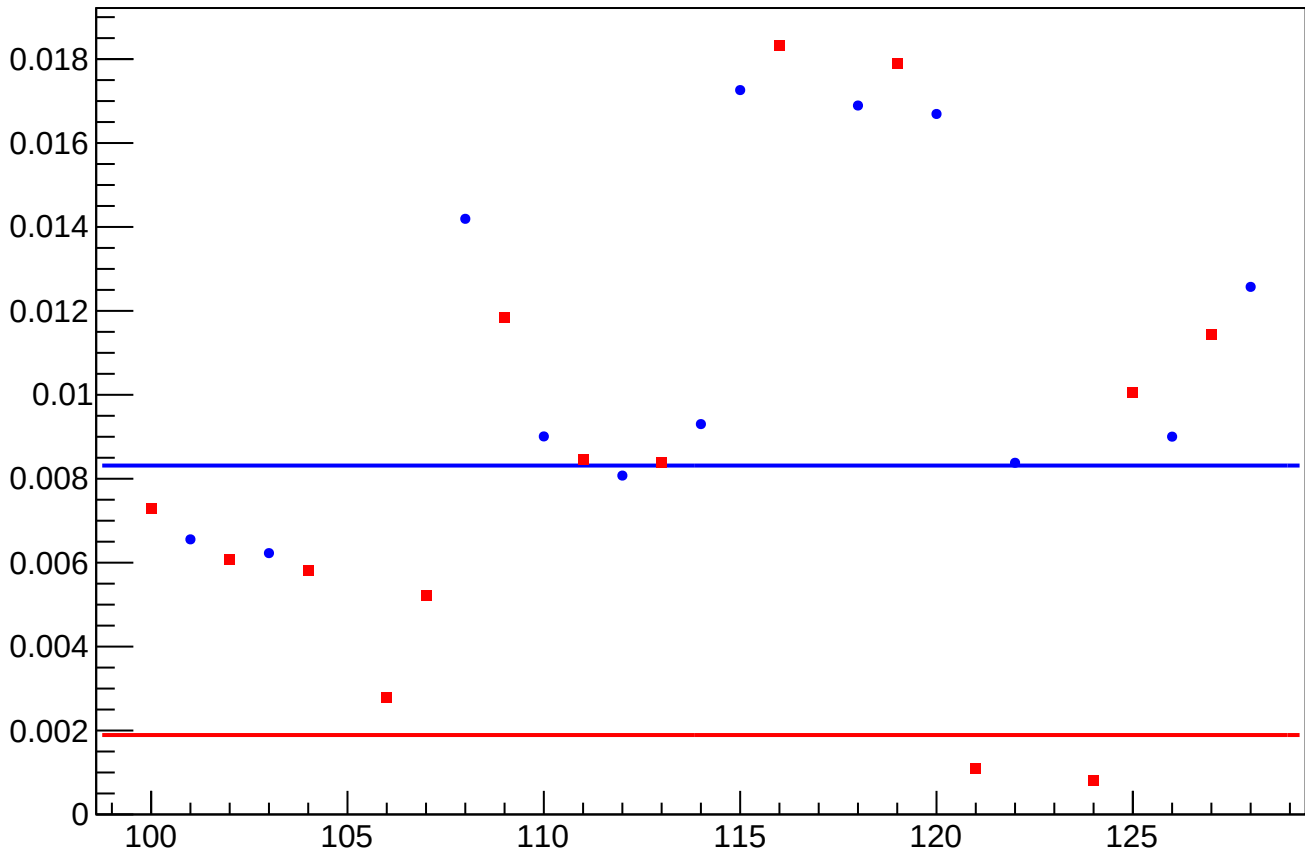
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 26.1/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 996663.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 6414166.1/13

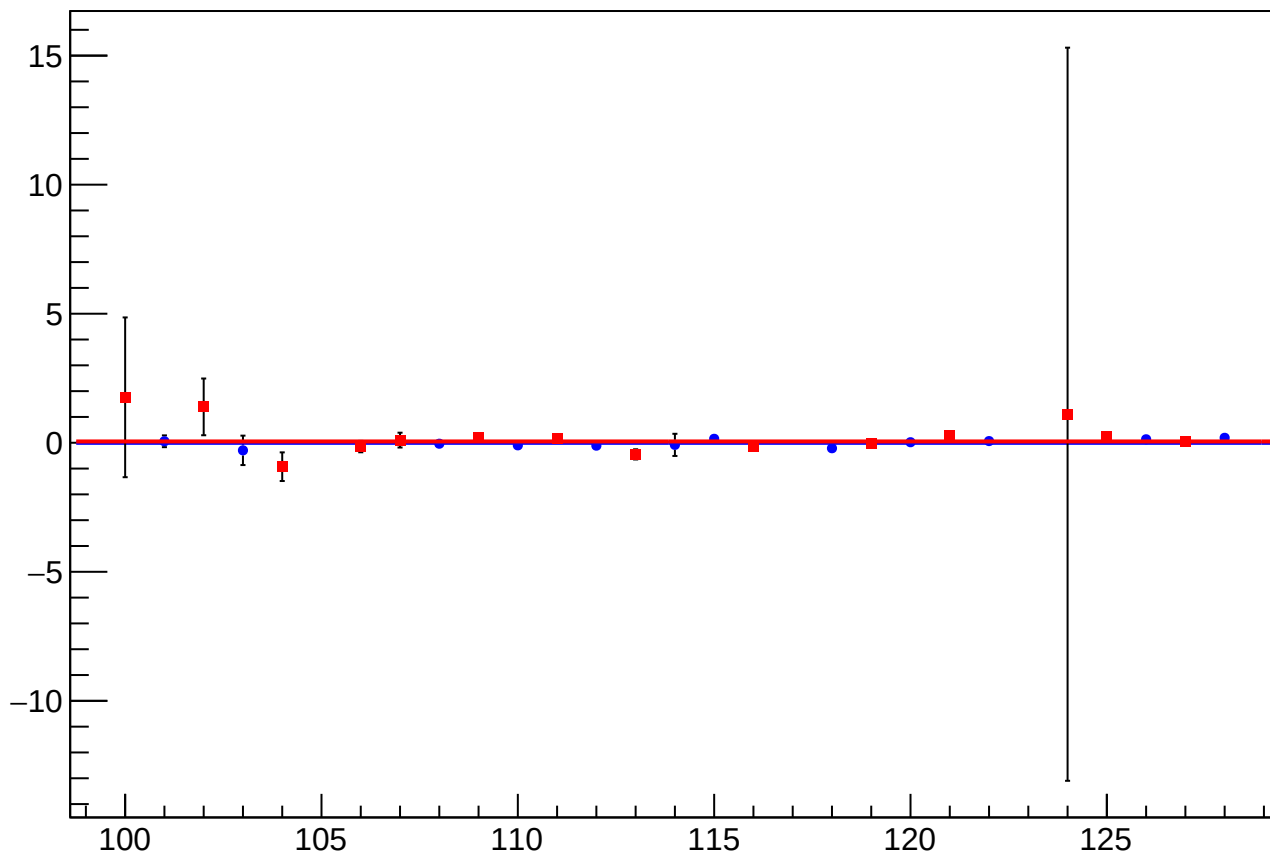
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 12085106.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.003 ± 0.052 χ^2/NDF : 6.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.051 ± 0.051 χ^2/NDF : 19.0/13

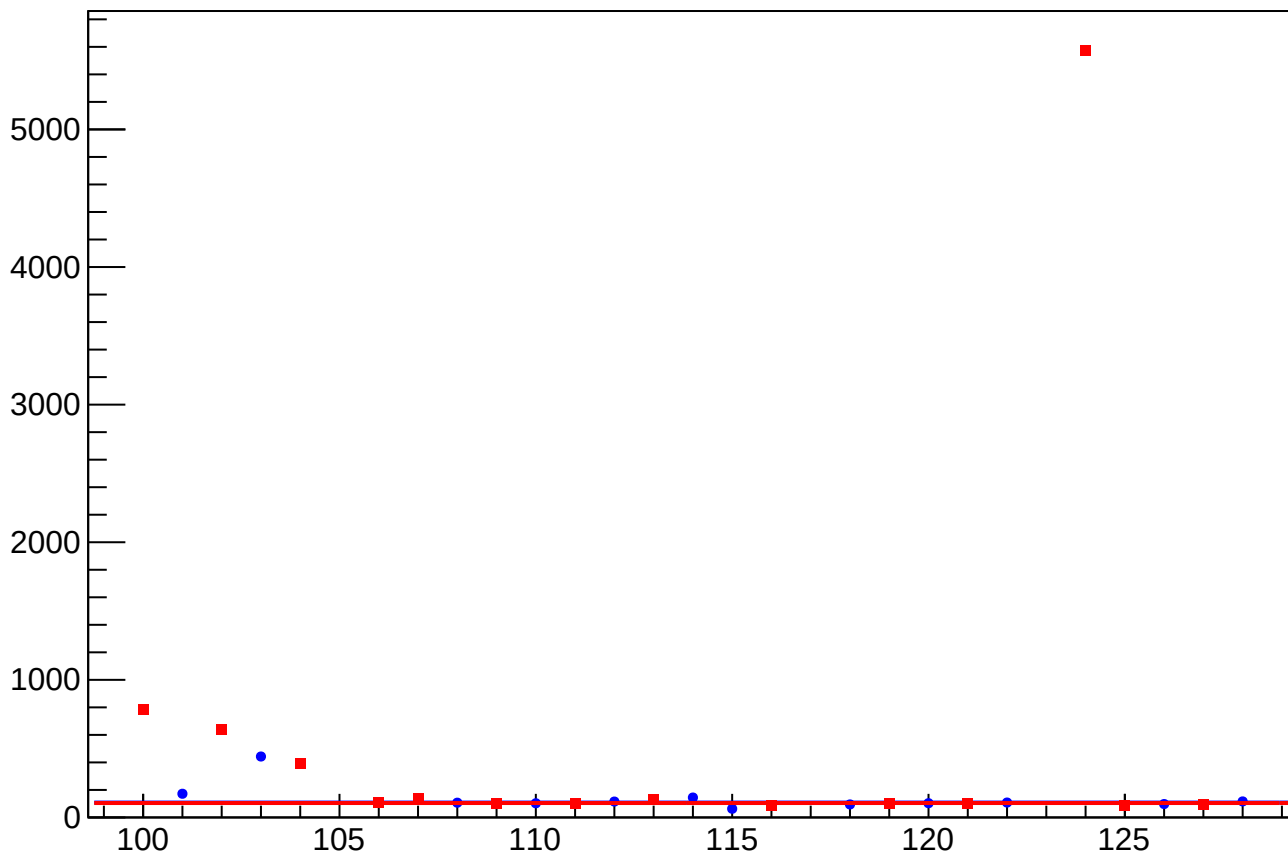
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.025 ± 0.037 χ^2/NDF : 26.4/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 108.123+/-0.037 χ^2/NDF : 1036546.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.858+/-0.036 χ^2/NDF : 1551787.5/13

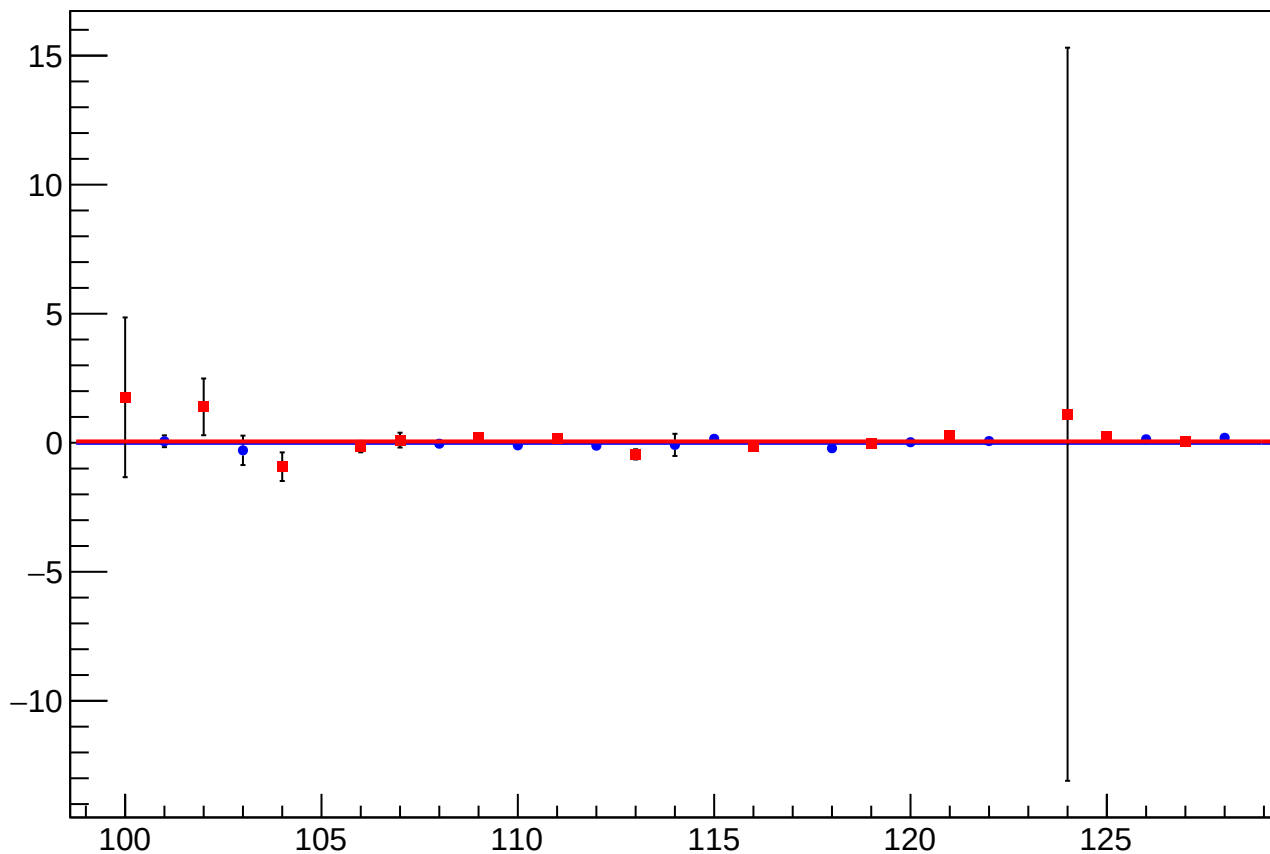
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.454+/-0.026 χ^2/NDF : 2592291.5/25

- 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: -0.003 $\pm$ 0.052 χ^2 /NDF: 6.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.051 $\pm$ 0.051 χ^2 /NDF: 19.0/13

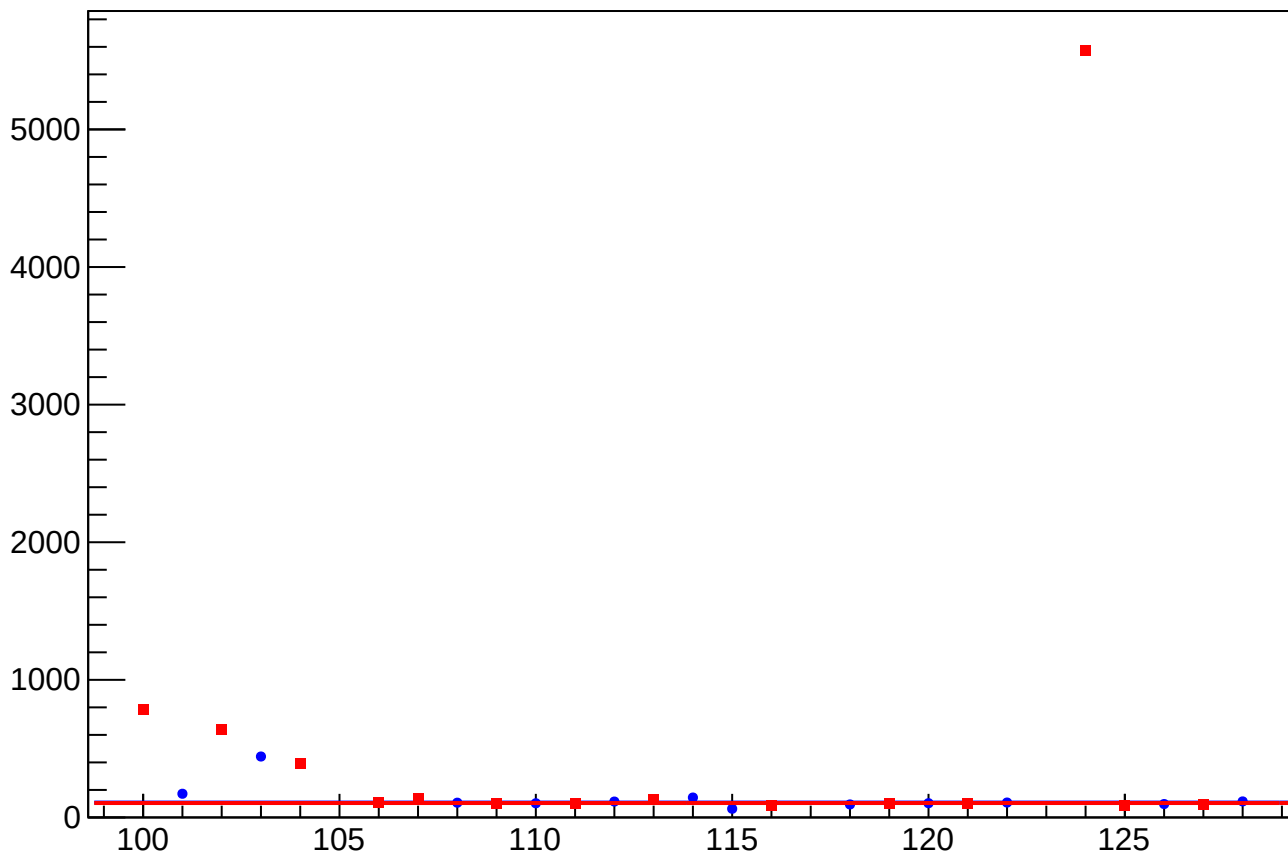
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.025 $\pm$ 0.037 χ^2 /NDF: 26.4/25

- 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: 108.123+/-0.037 χ^2/NDF : 1036546.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.858+/-0.036 χ^2/NDF : 1551787.5/13

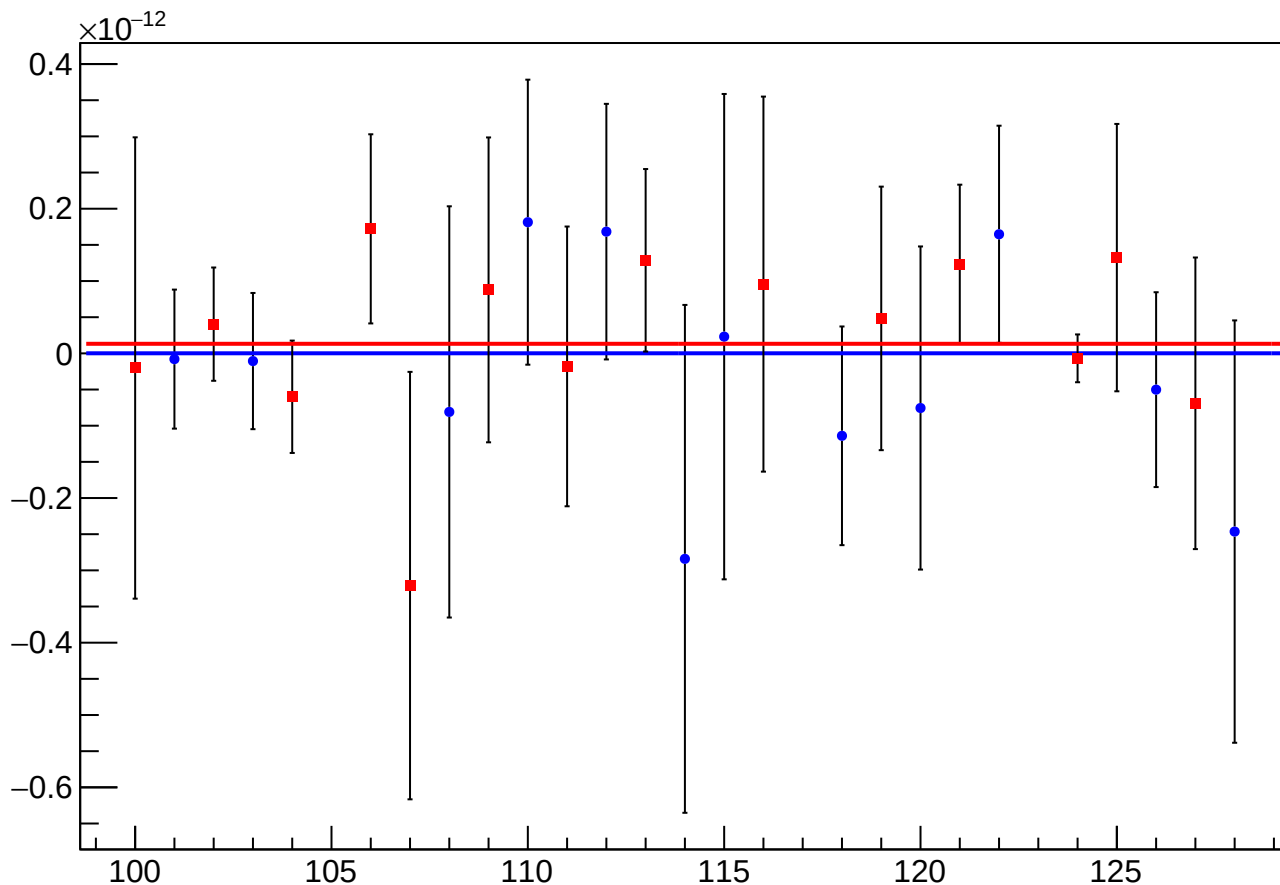
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.454+/-0.026 χ^2/NDF : 2592291.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 5.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.9/13

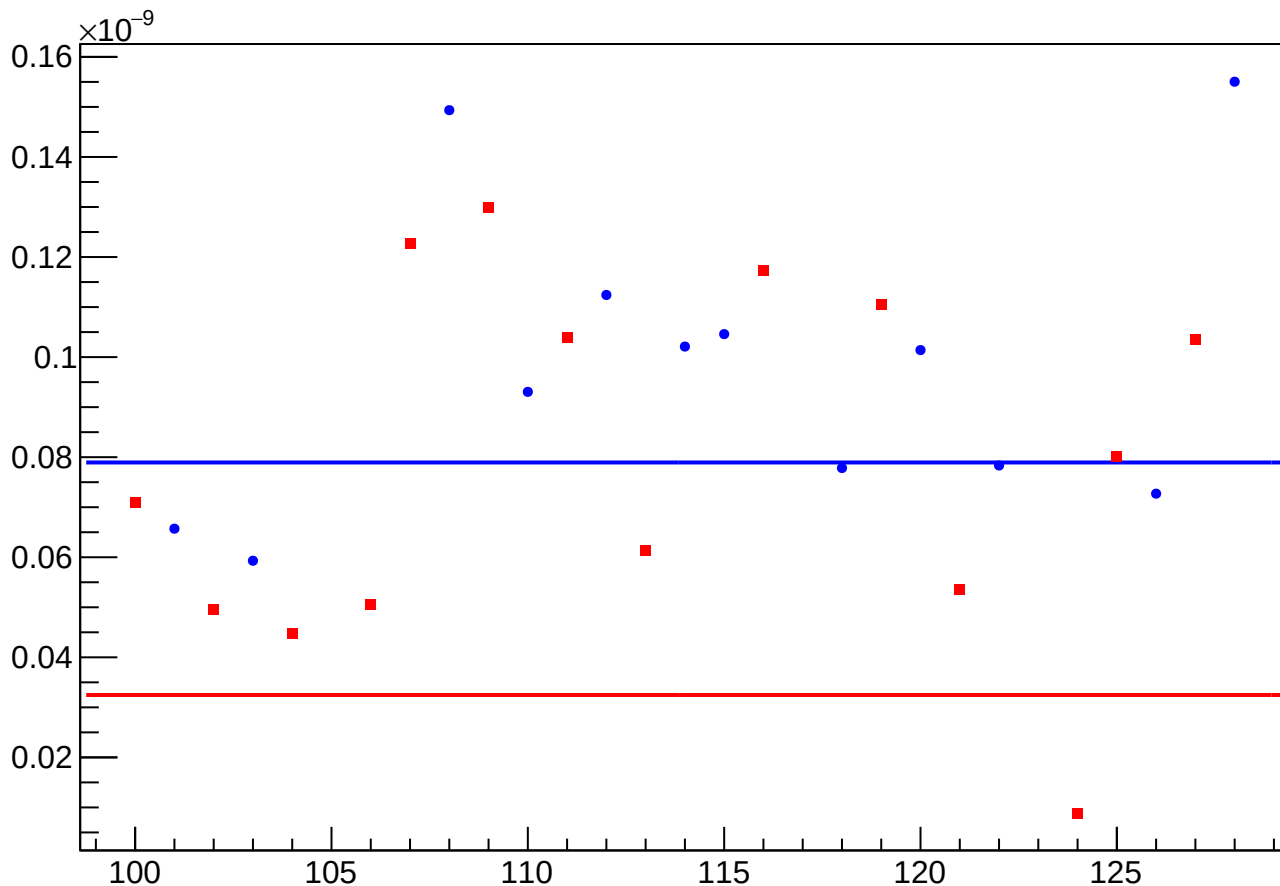
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 510568.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3268968.1/13

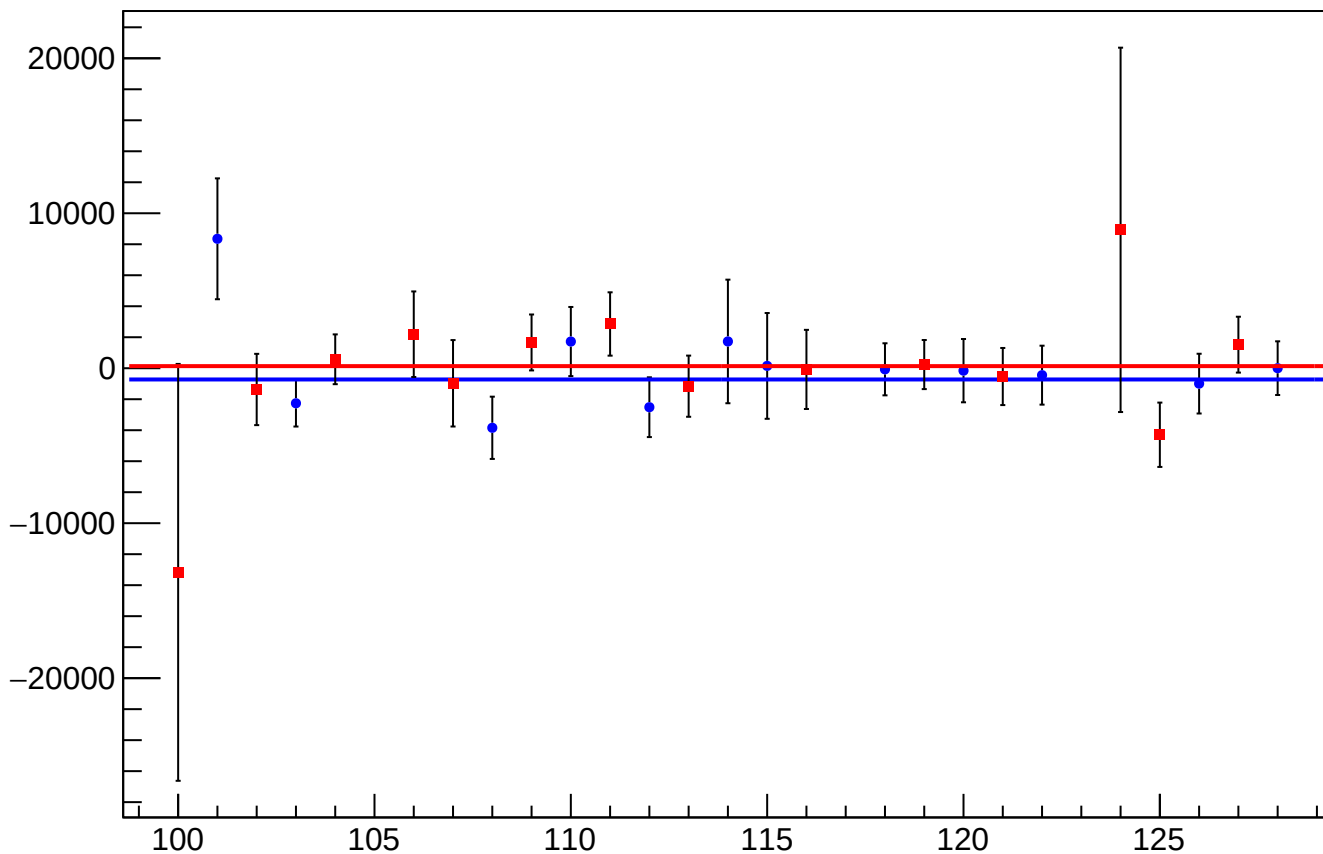
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5386666.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -725.495+/-592.517 χ^2 /NDF: 11.8/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 135.708+/-573.668 χ^2 /NDF: 11.0/13

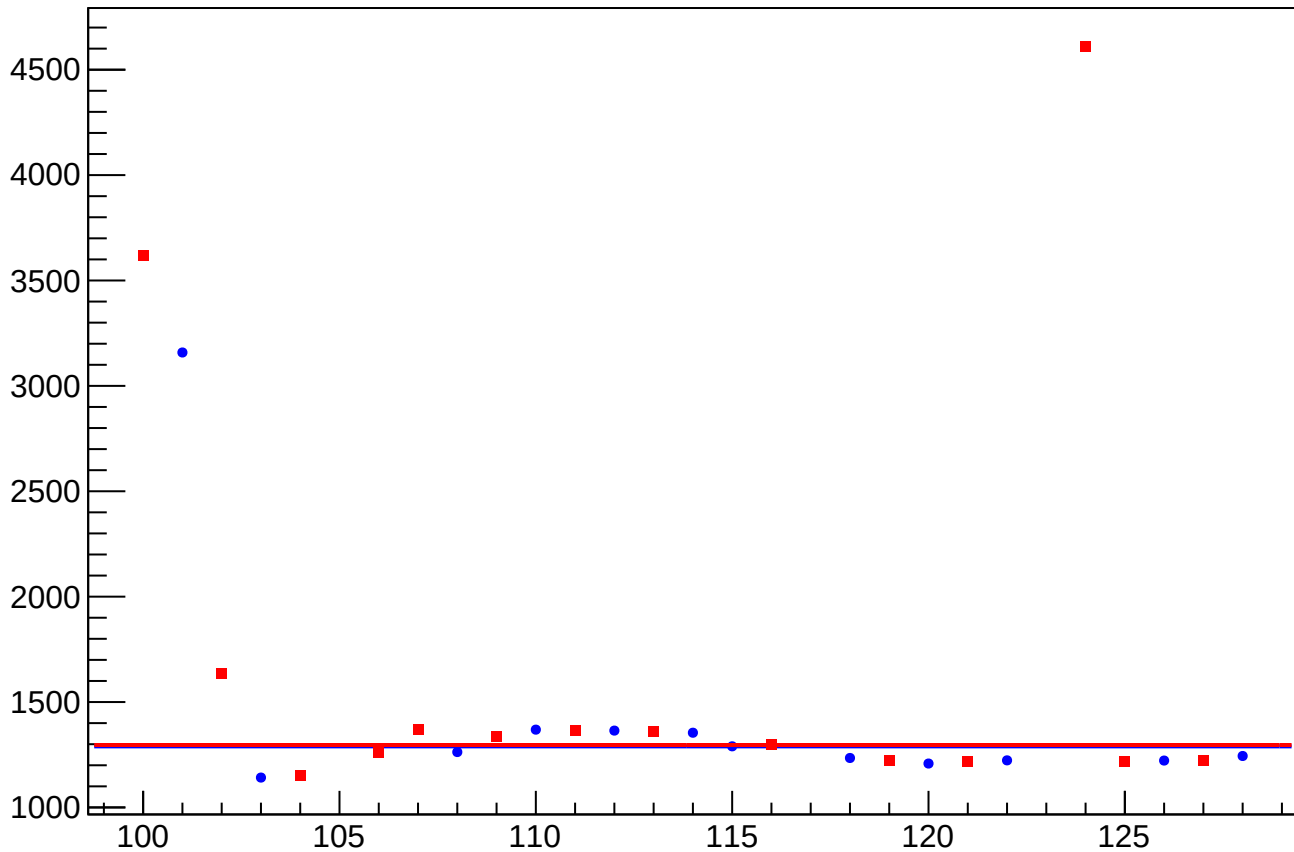
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -280.978+/-412.147 χ^2 /NDF: 23.9/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1289.696+/-0.419 χ^2/NDF : 496608.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1296.192+/-0.404 χ^2/NDF : 299672.5/13

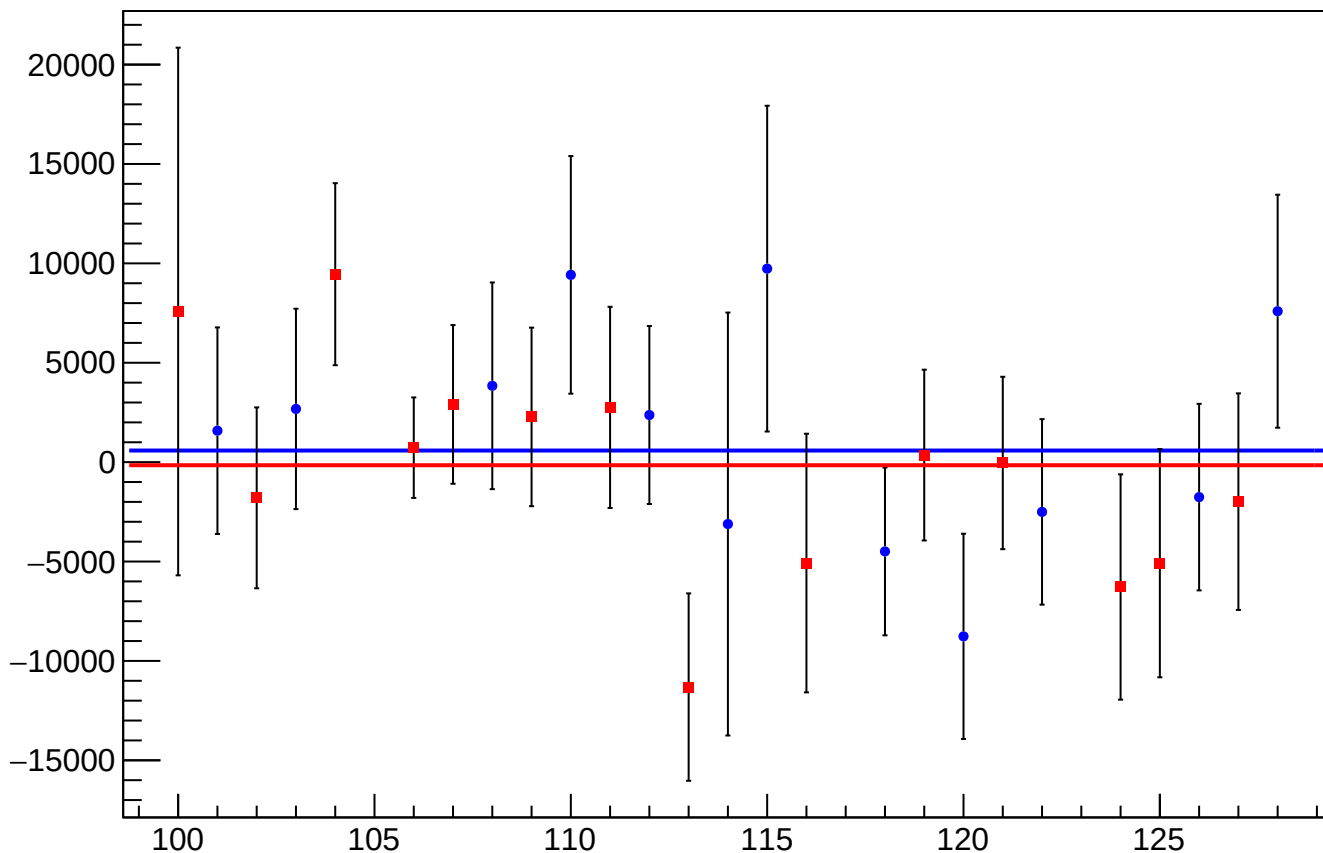
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.061+/-0.291 χ^2/NDF : 796405.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_reg_correction_mean vs Slug



Right In: 584.056+/-1526.499 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -154.904+/-1212.196 χ^2/NDF : 14.4/13

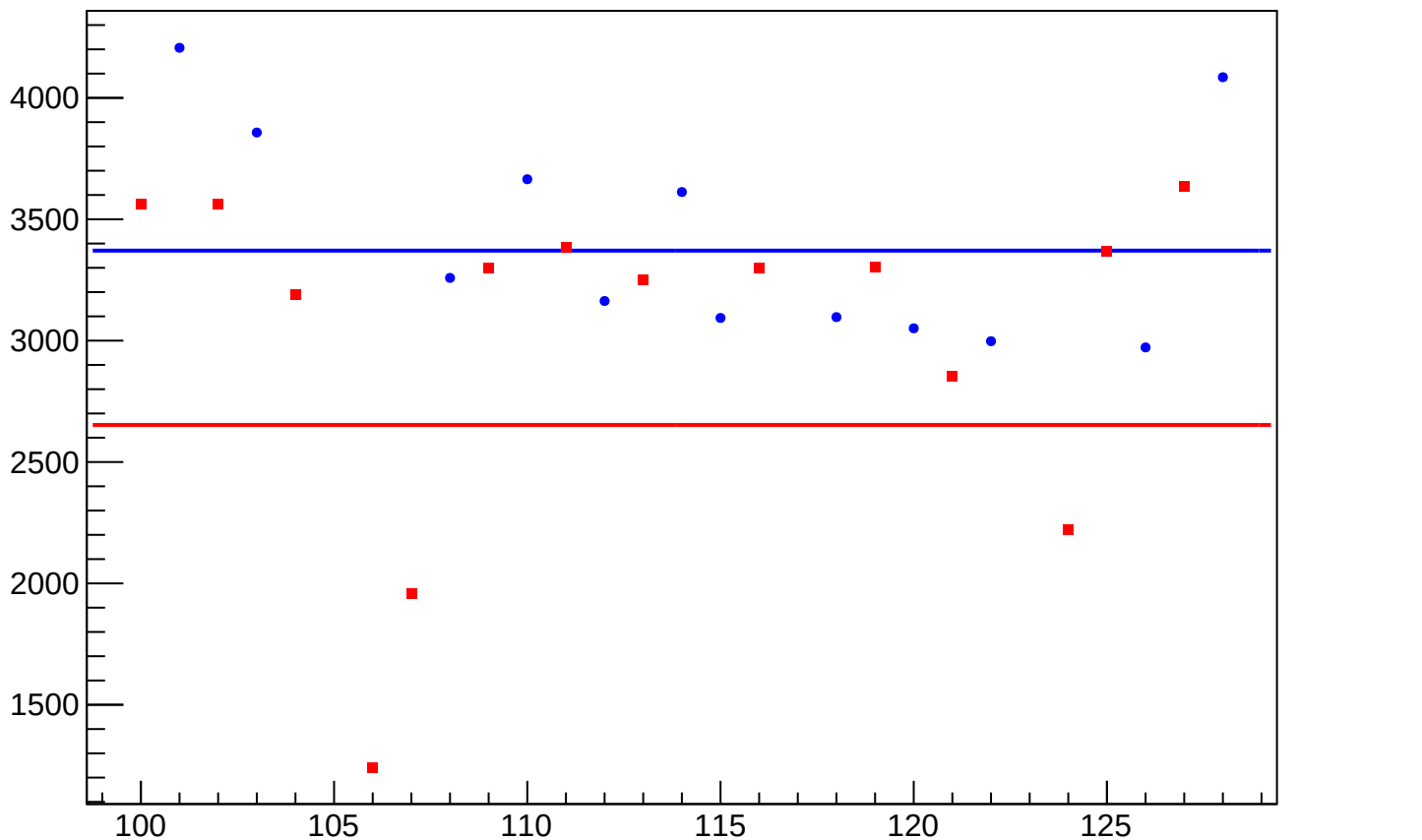
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.873+/-949.291 χ^2/NDF : 25.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_reg_correction_rms vs Slug



Right In: 3370.806+/-1.079 χ^2/NDF : 156799.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

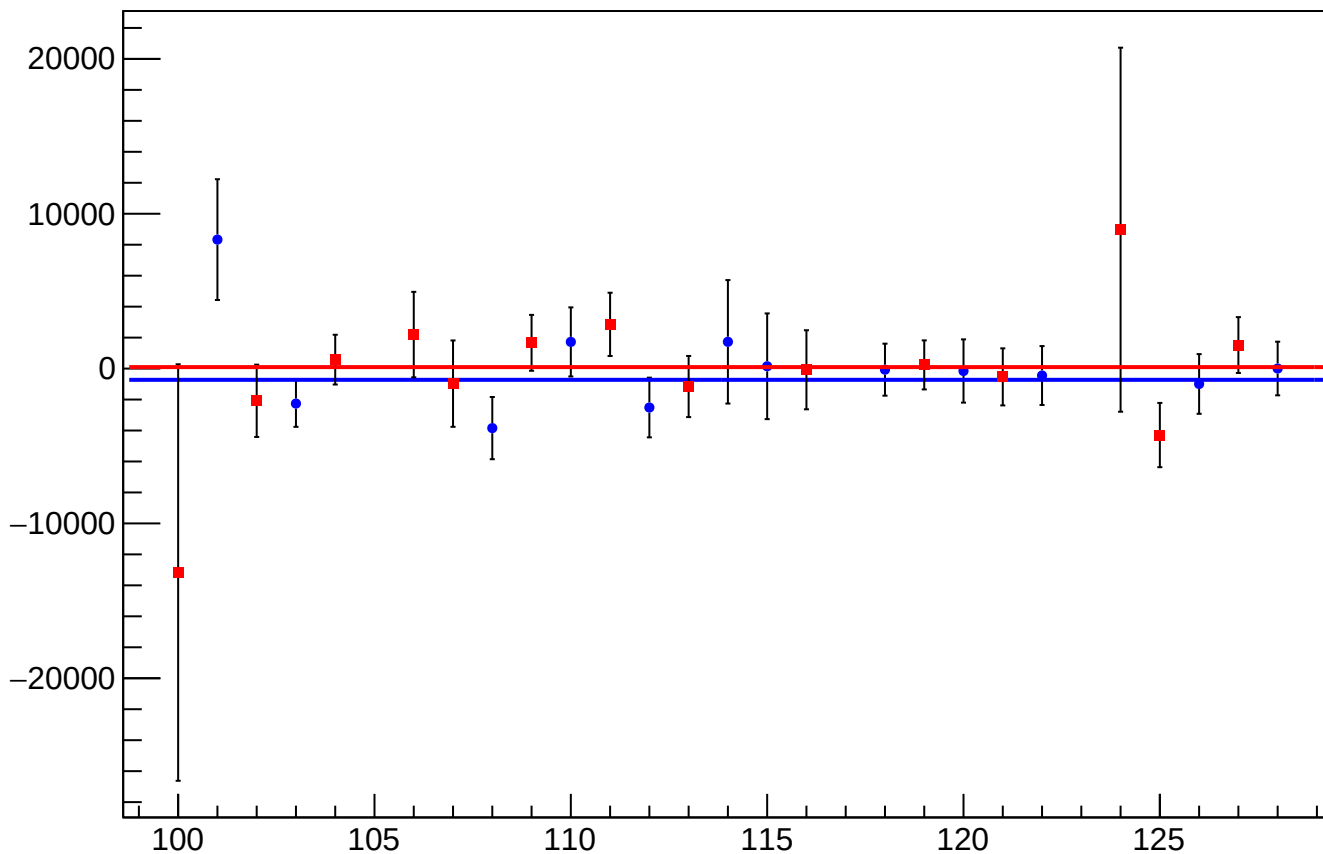
Right Out: 2652.612+/-0.857 χ^2/NDF : 1092406.4/13

All: 2930.358+/-0.671 χ^2/NDF : 1520708.7/25

- 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: -726.046+/-592.517 χ^2 /NDF: 11.8/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 95.703+/-574.195 χ^2 /NDF: 11.4/13

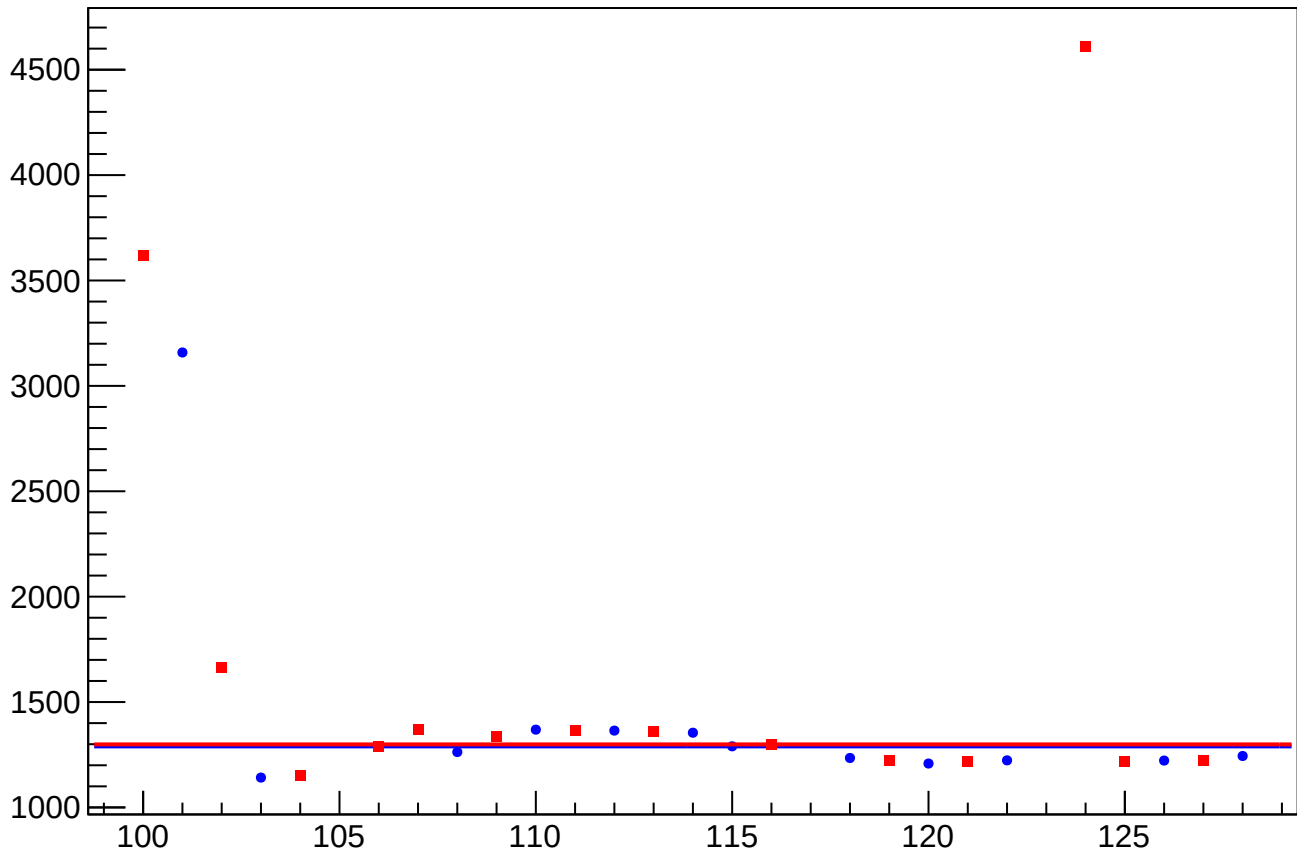
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -302.270+/-412.343 χ^2 /NDF: 24.2/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1289.696+/-0.419 χ^2/NDF : 496609.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.985+/-0.405 χ^2/NDF : 306276.5/13

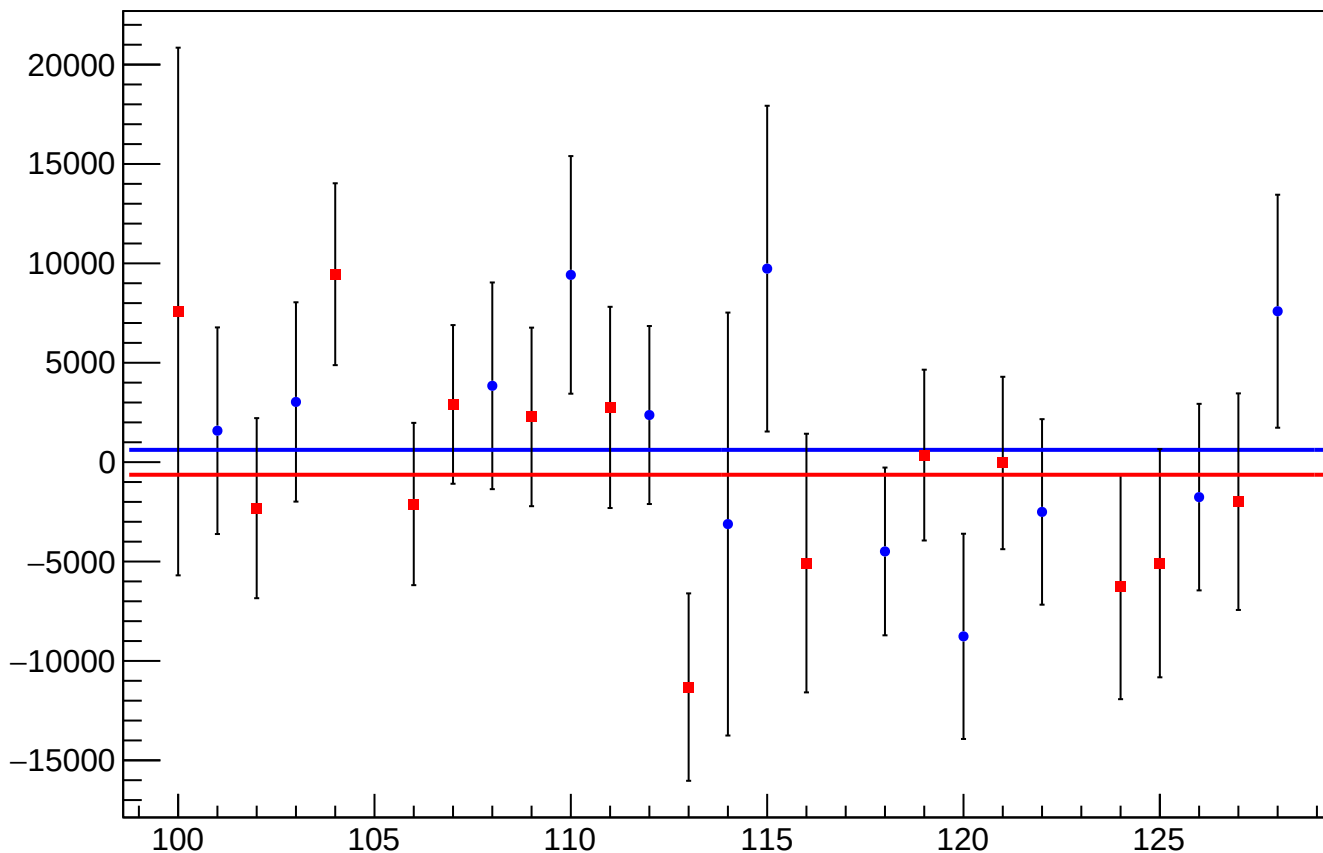
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1294.498+/-0.291 χ^2/NDF : 803140.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_cor_correction_mean vs Slug



Right In: 618.381+/-1525.803 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -634.166+/-1307.634 χ^2/NDF : 14.5/13

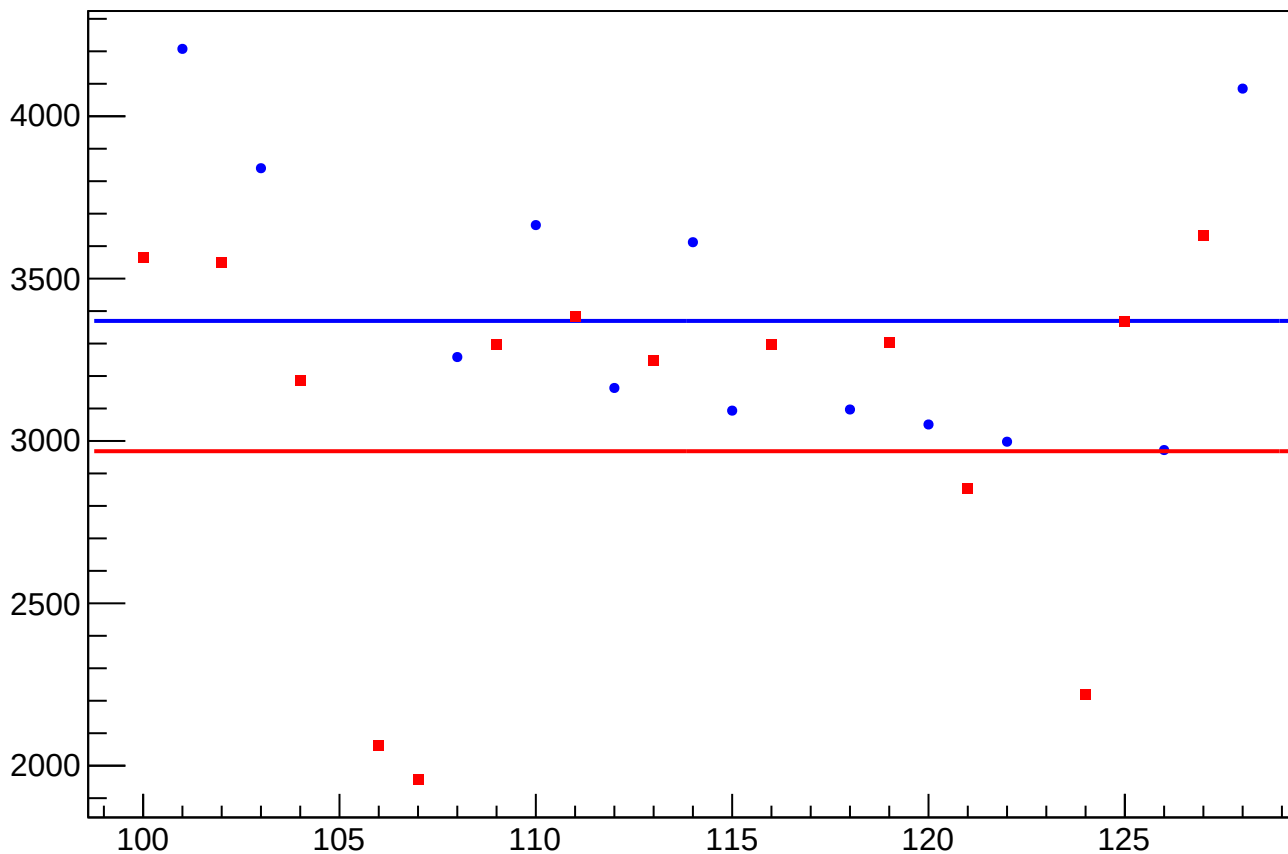
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -103.768+/-992.893 χ^2/NDF : 26.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_cor_correction_rms vs Slug



Right In: 3369.718+/-1.079 χ^2/NDF : 155787.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2968.475+/-0.925 χ^2/NDF : 393335.0/13

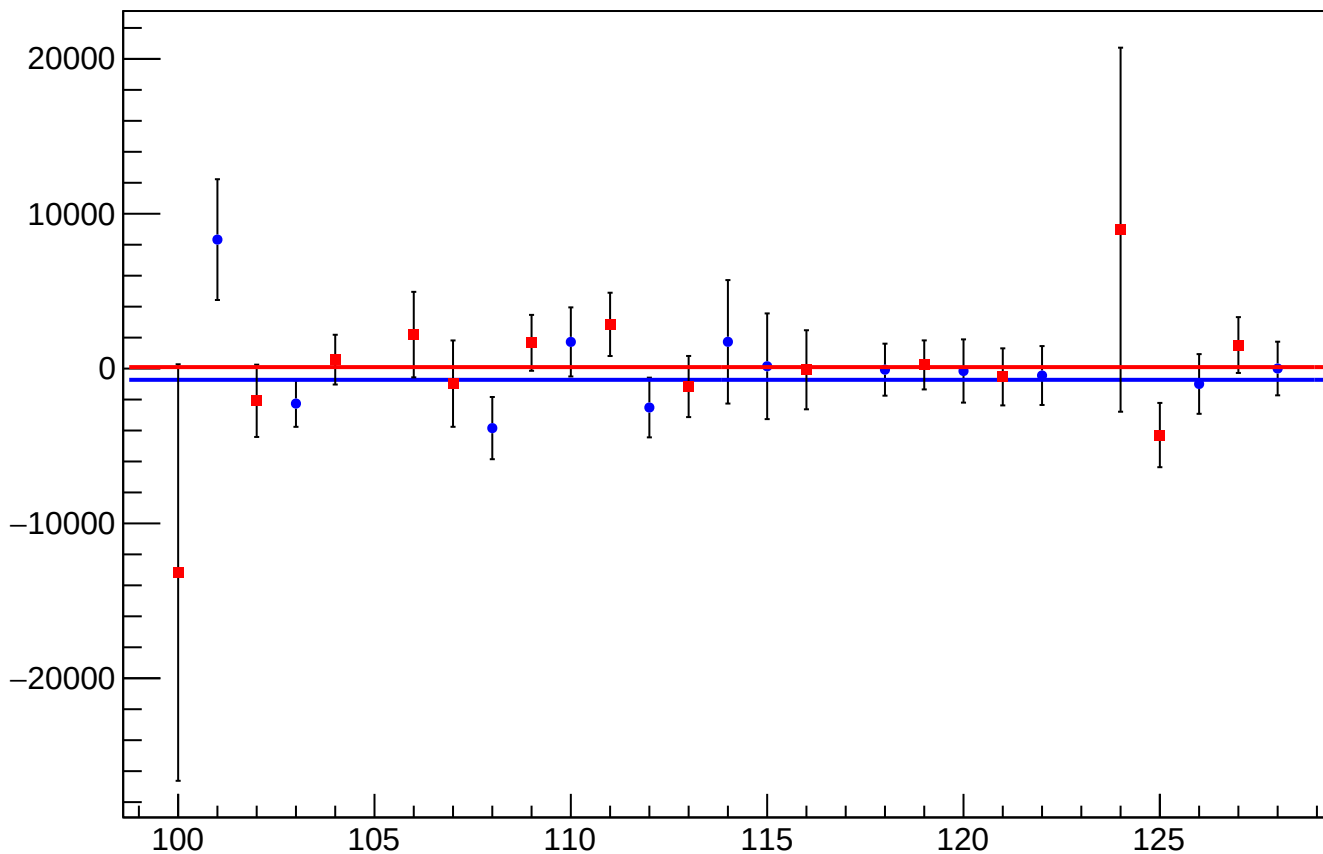
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3138.384+/-0.702 χ^2/NDF : 628864.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -726.046+/-592.517 χ^2 /NDF: 11.8/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 95.703+/-574.195 χ^2 /NDF: 11.4/13

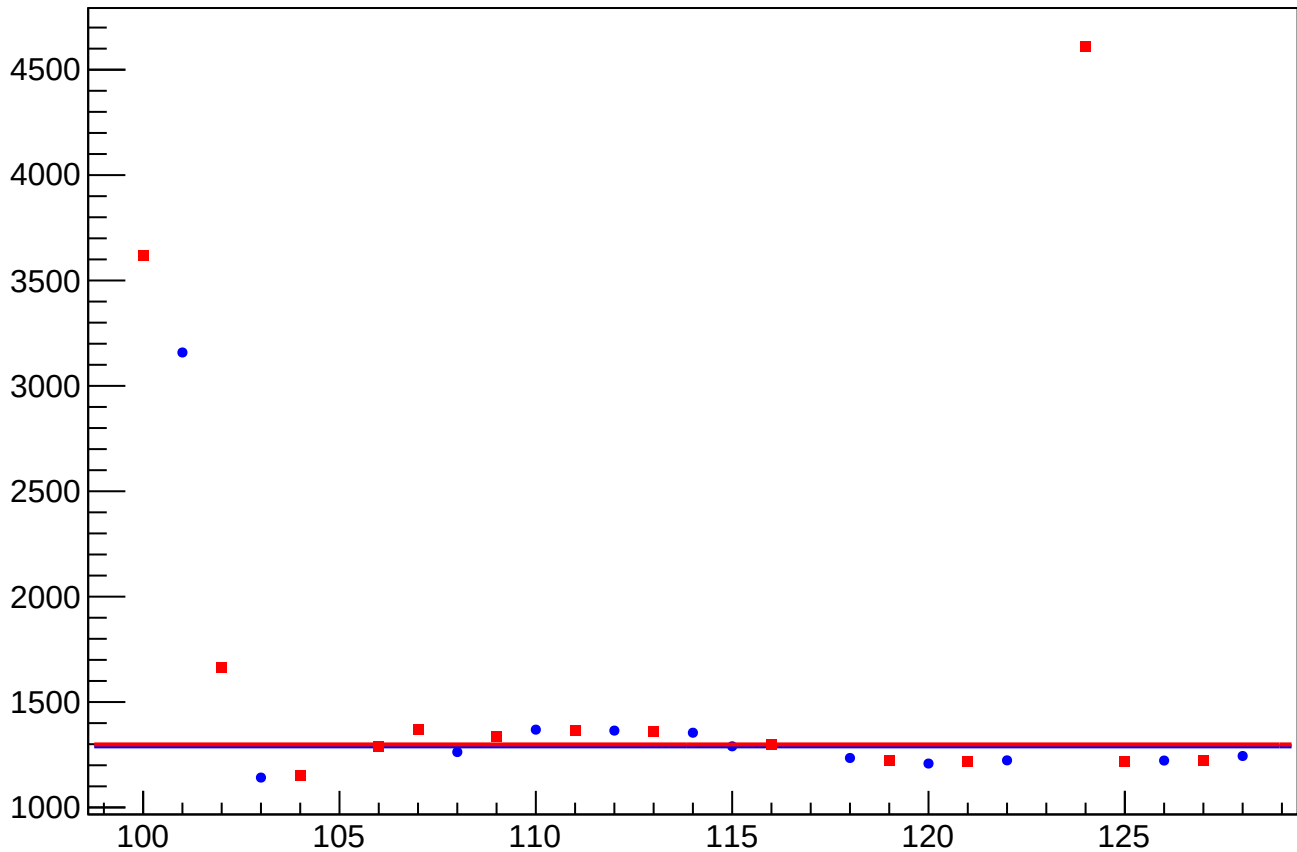
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -302.270+/-412.343 χ^2 /NDF: 24.2/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1289.696+/-0.419 χ^2/NDF : 496609.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.985+/-0.405 χ^2/NDF : 306276.5/13

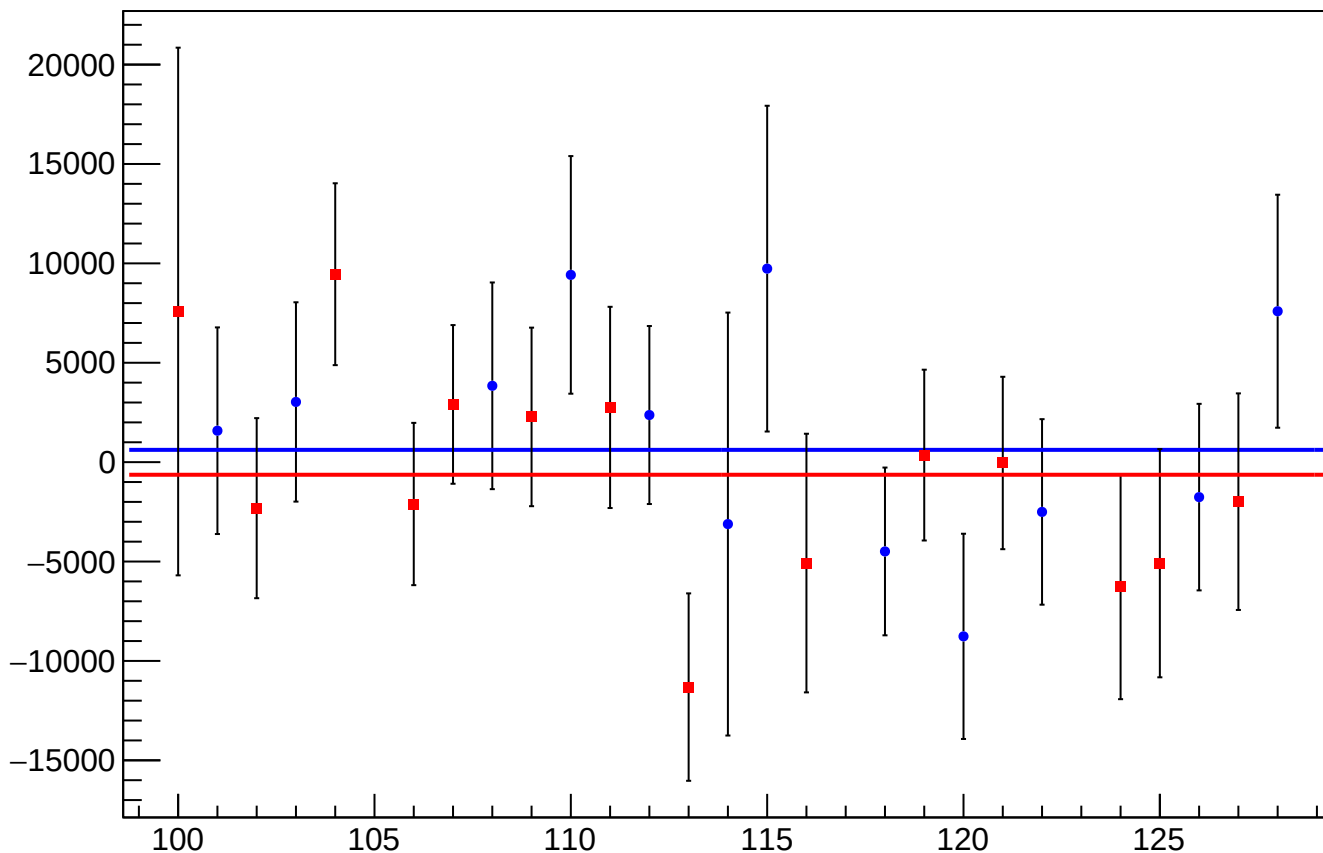
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1294.498+/-0.291 χ^2/NDF : 803140.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_eigen_cor_correction_mean vs Slug



Right In: 618.381 $\pm$ 1525.803 χ^2 /NDF: 11.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -634.166 $\pm$ 1307.634 χ^2 /NDF: 14.5/13

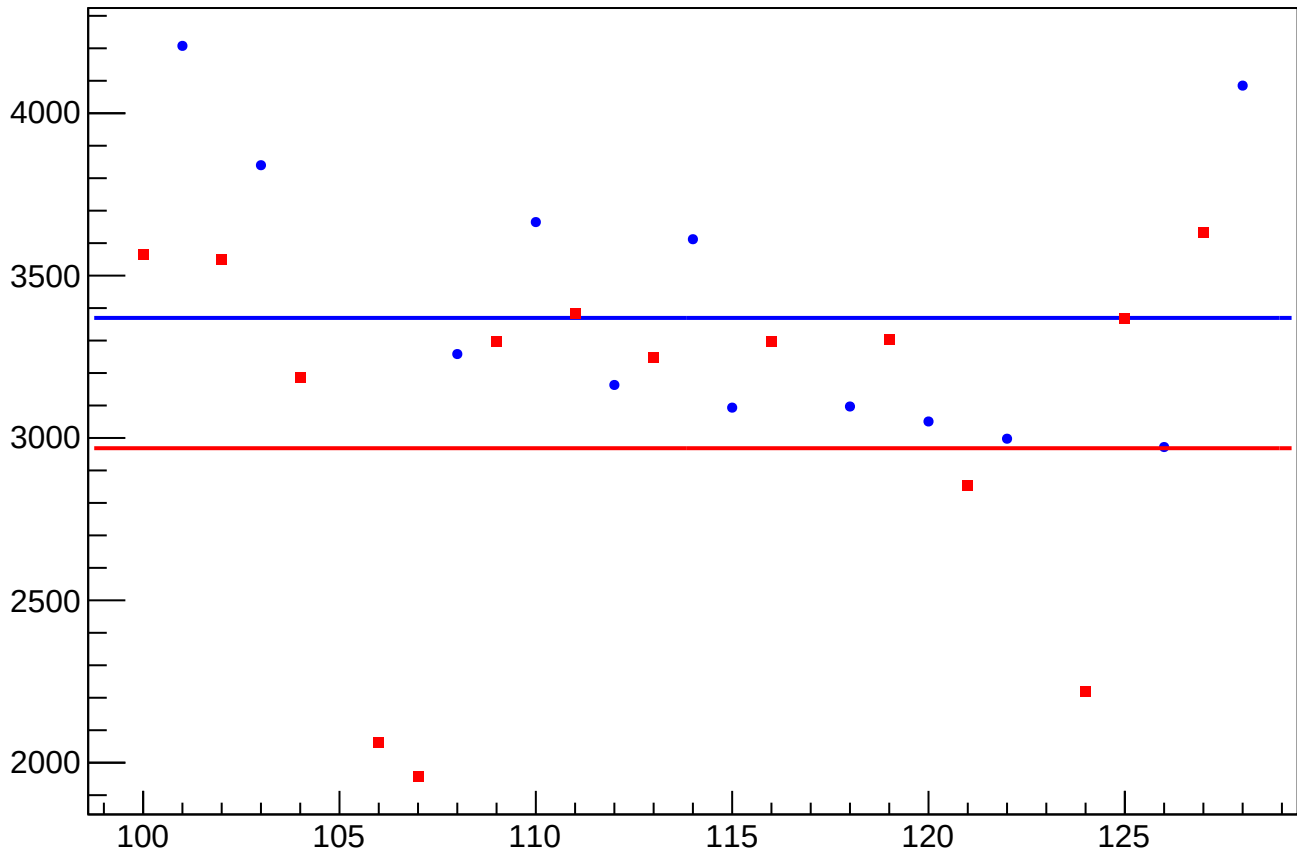
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -103.768 $\pm$ 992.893 χ^2 /NDF: 26.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_eigen_cor_correction_rms vs Slug



Right In: 3369.718 $\pm$ 1.079 χ^2 /NDF: 155787.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2968.475 $\pm$ 0.925 χ^2 /NDF: 393335.0/13

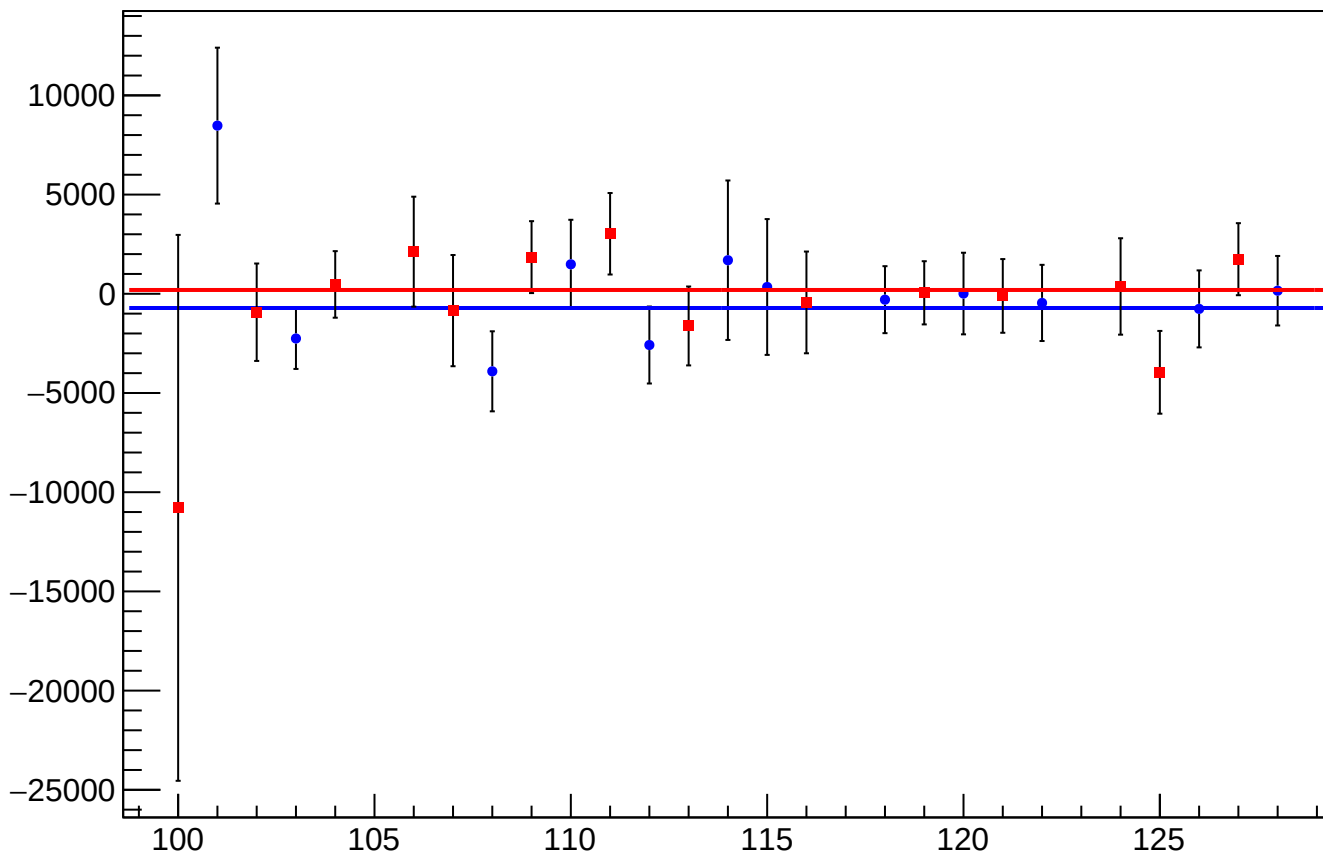
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3138.384 $\pm$ 0.702 χ^2 /NDF: 628864.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -716.054 $\pm$ 597.908 χ^2/NDF : 11.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 192.145 $\pm$ 566.342 χ^2/NDF : 9.9/13

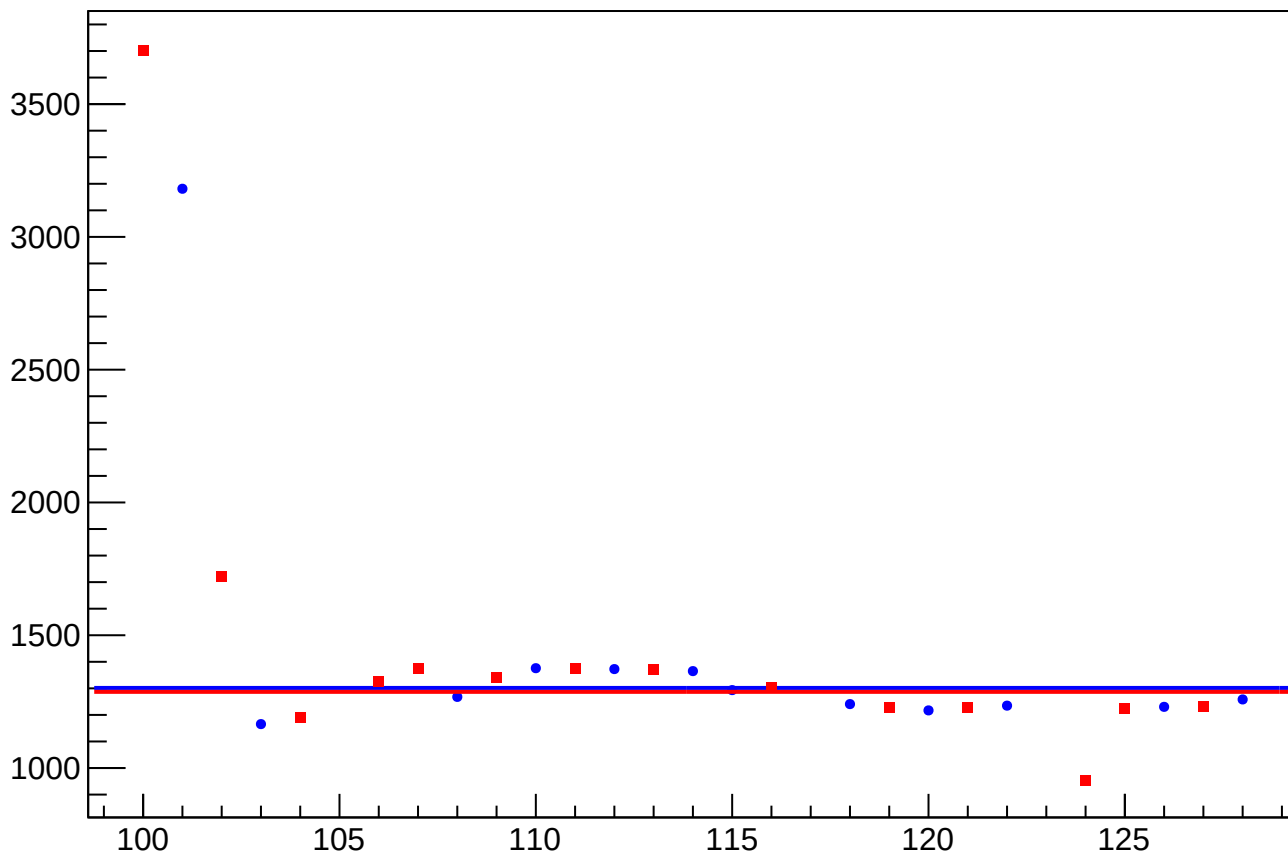
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -237.349 $\pm$ 411.171 χ^2/NDF : 22.8/25

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1301.611+/-0.423 χ^2/NDF : 491730.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

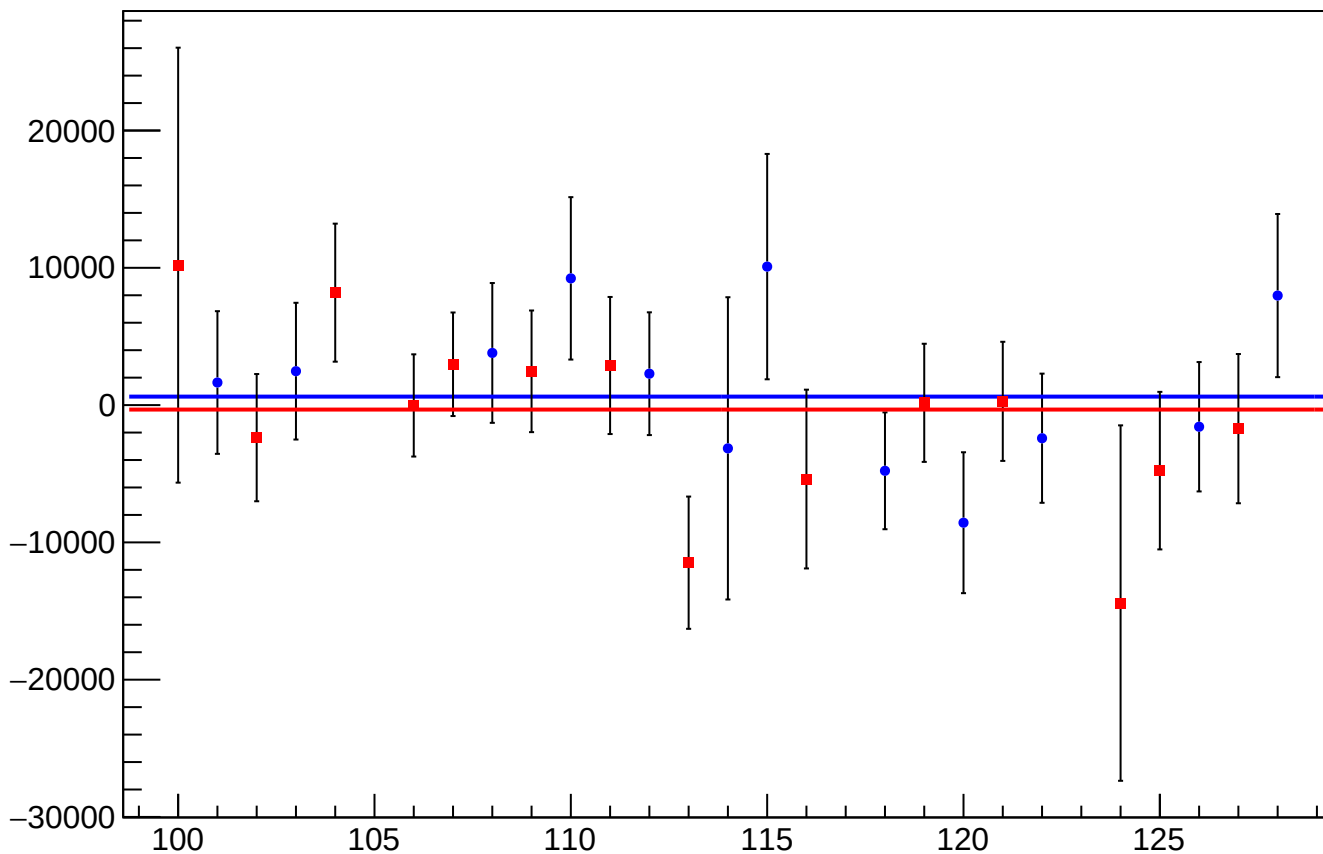
Right Out: 1286.883+/-0.400 χ^2/NDF : 188442.4/13

All: 1293.841+/-0.291 χ^2/NDF : 680812.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_dit_correction_mean vs Slug



Right In: 618.582 ± 1526.108 χ^2/NDF : 11.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -325.100 ± 1327.200 χ^2/NDF : 12.9/13

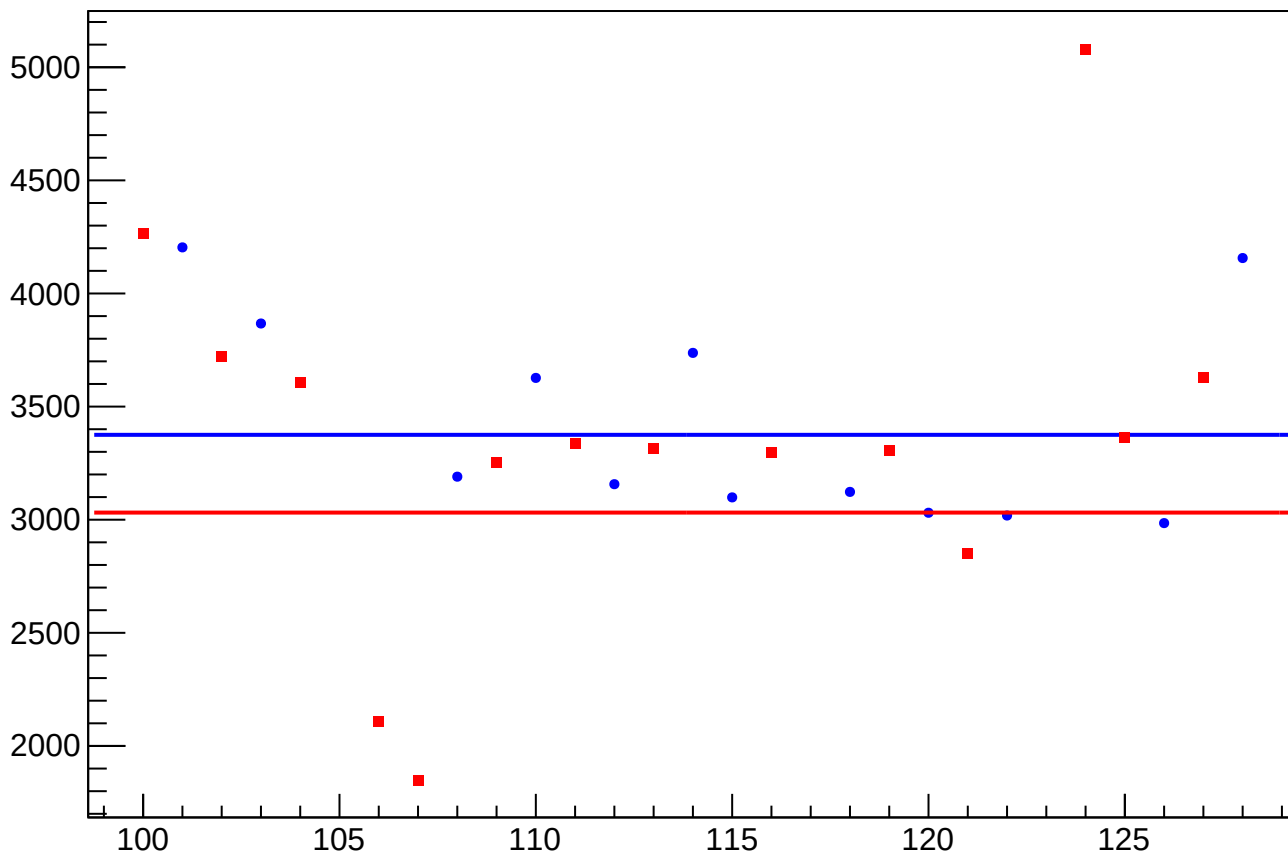
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 81.274 ± 1001.464 χ^2/NDF : 24.4/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_dit_correction_rms vs Slug



Right In: 3375.180+/-1.079 χ^2/NDF : 161671.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3031.500+/-0.938 χ^2/NDF : 517789.1/13

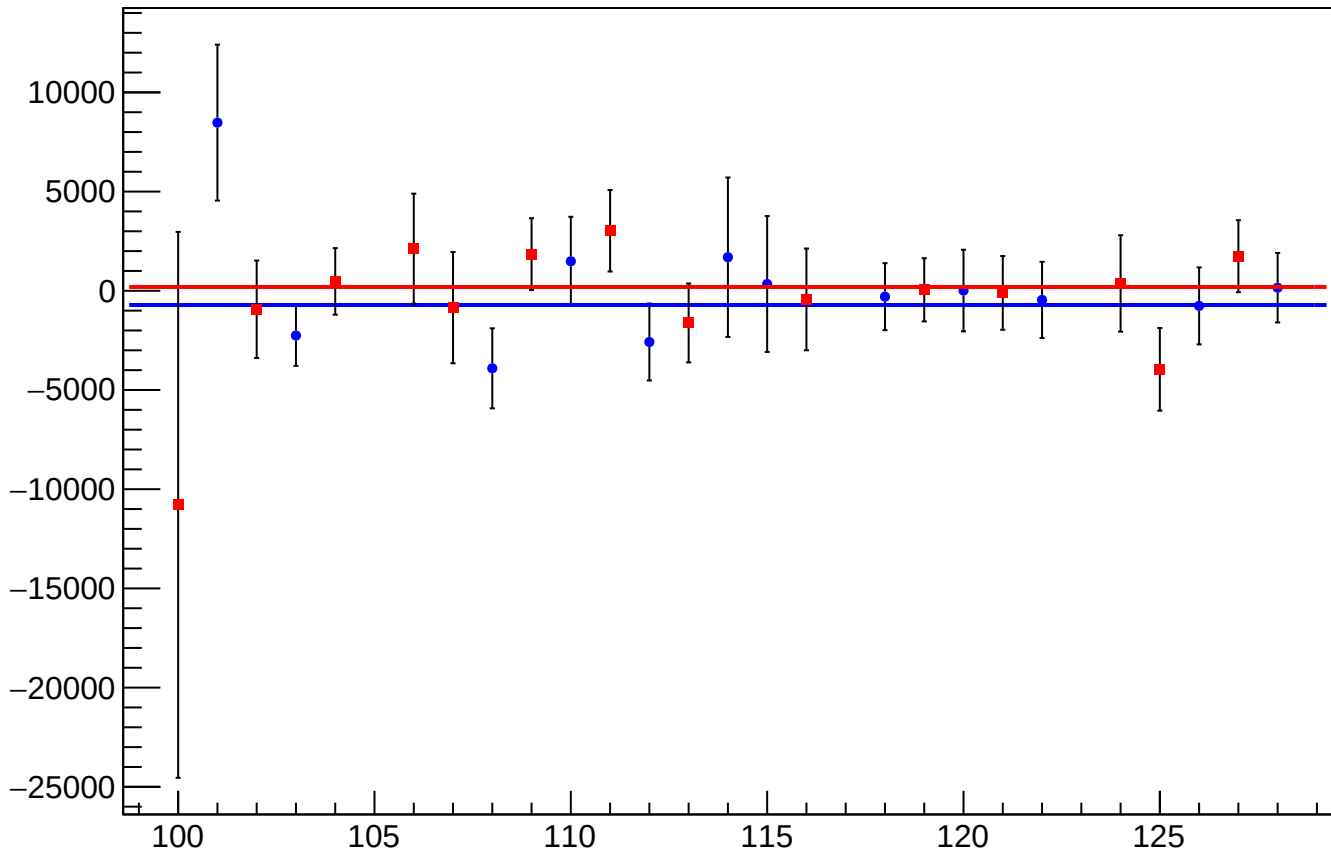
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3179.497+/-0.708 χ^2/NDF : 737213.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -716.060+/-597.908 χ^2/NDF : 11.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 192.152+/-566.342 χ^2/NDF : 9.9/13

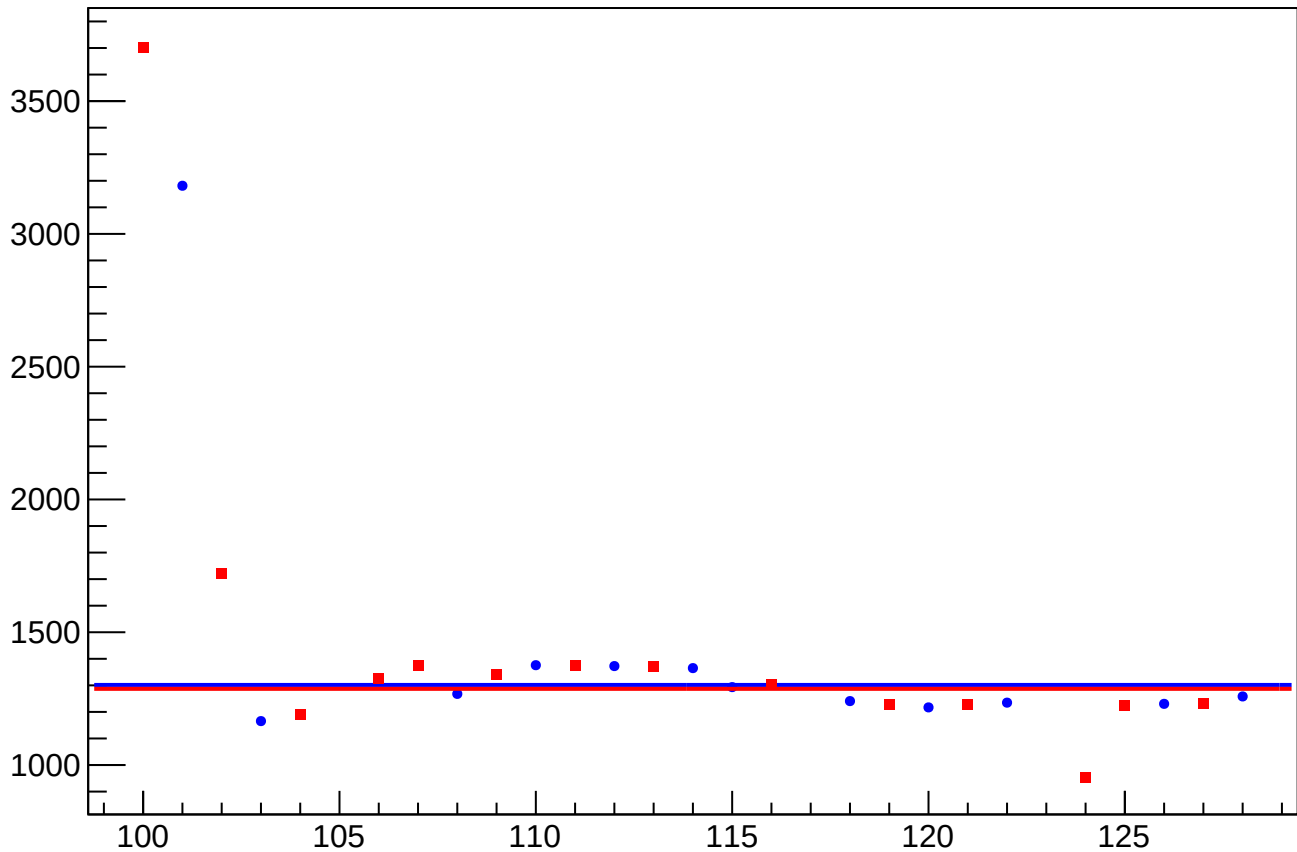
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -237.348+/-411.171 χ^2/NDF : 22.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1301.611+/-0.423 χ^2/NDF : 491730.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

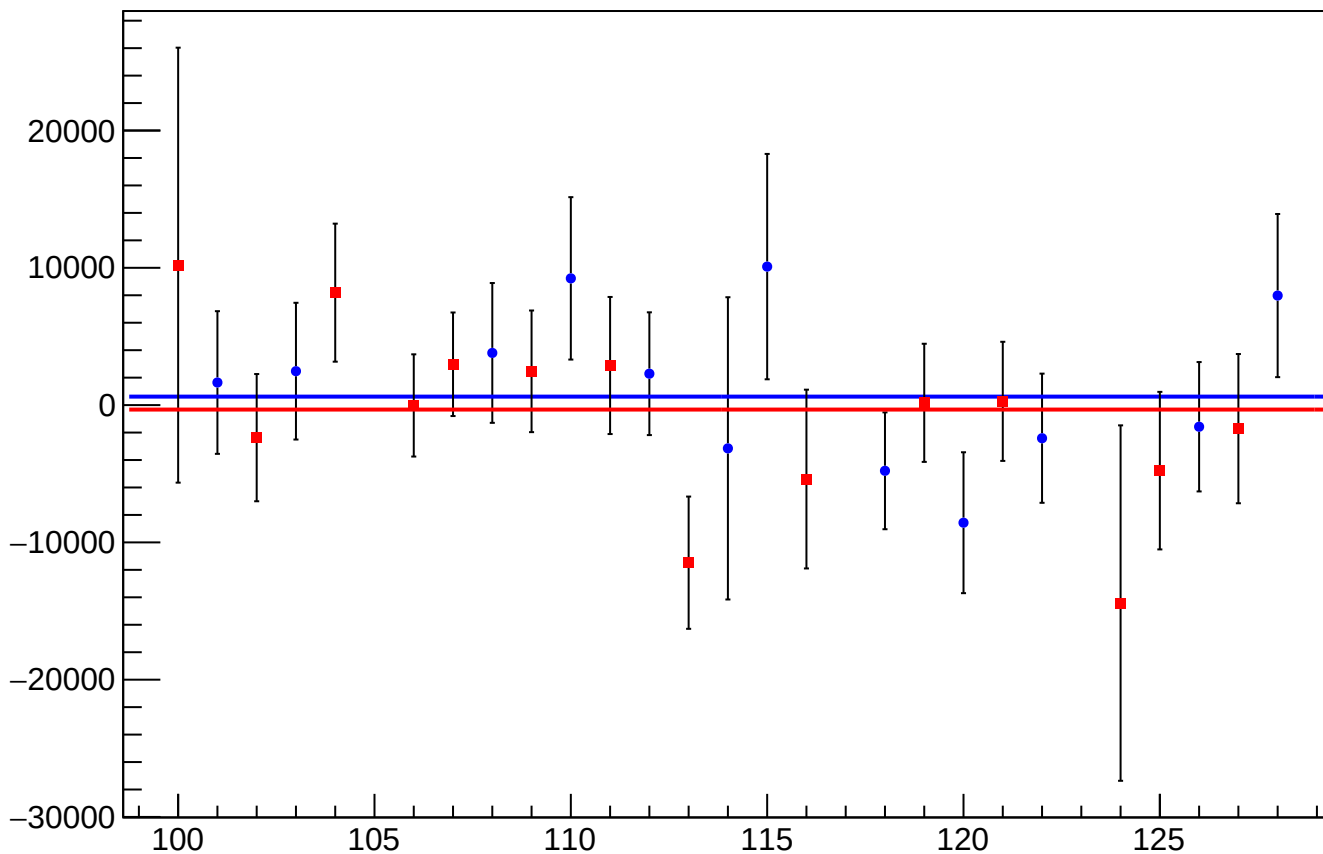
Right Out: 1286.883+/-0.400 χ^2/NDF : 188442.4/13

All: 1293.840+/-0.291 χ^2/NDF : 680813.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_correction_mean vs Slug



Right In: 618.574 ± 1526.103 χ^2/NDF : 11.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -325.094 ± 1327.197 χ^2/NDF : 12.9/13

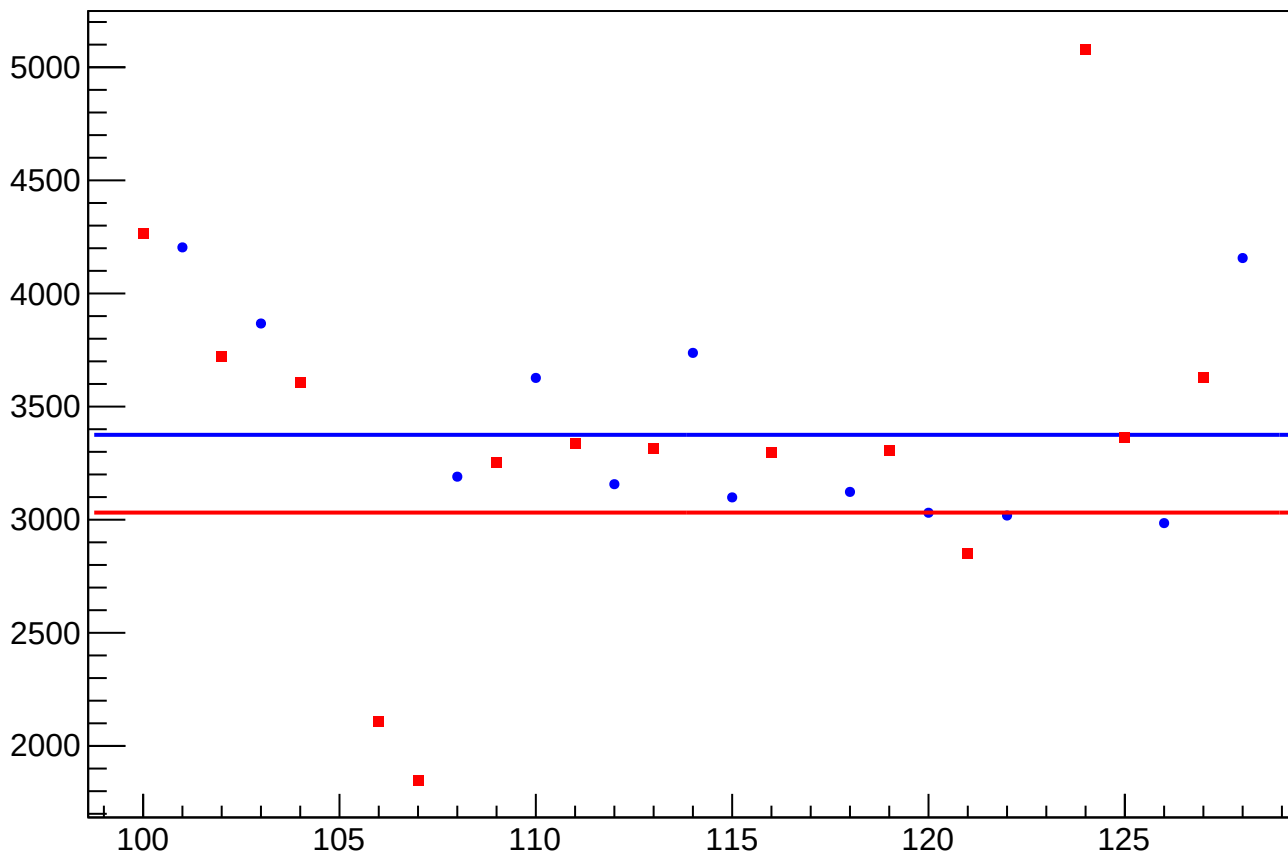
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 81.274 ± 1001.461 χ^2/NDF : 24.4/25

- 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: 3375.169+/-1.079 χ^2/NDF : 161674.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3031.492+/-0.938 χ^2/NDF : 517790.7/13

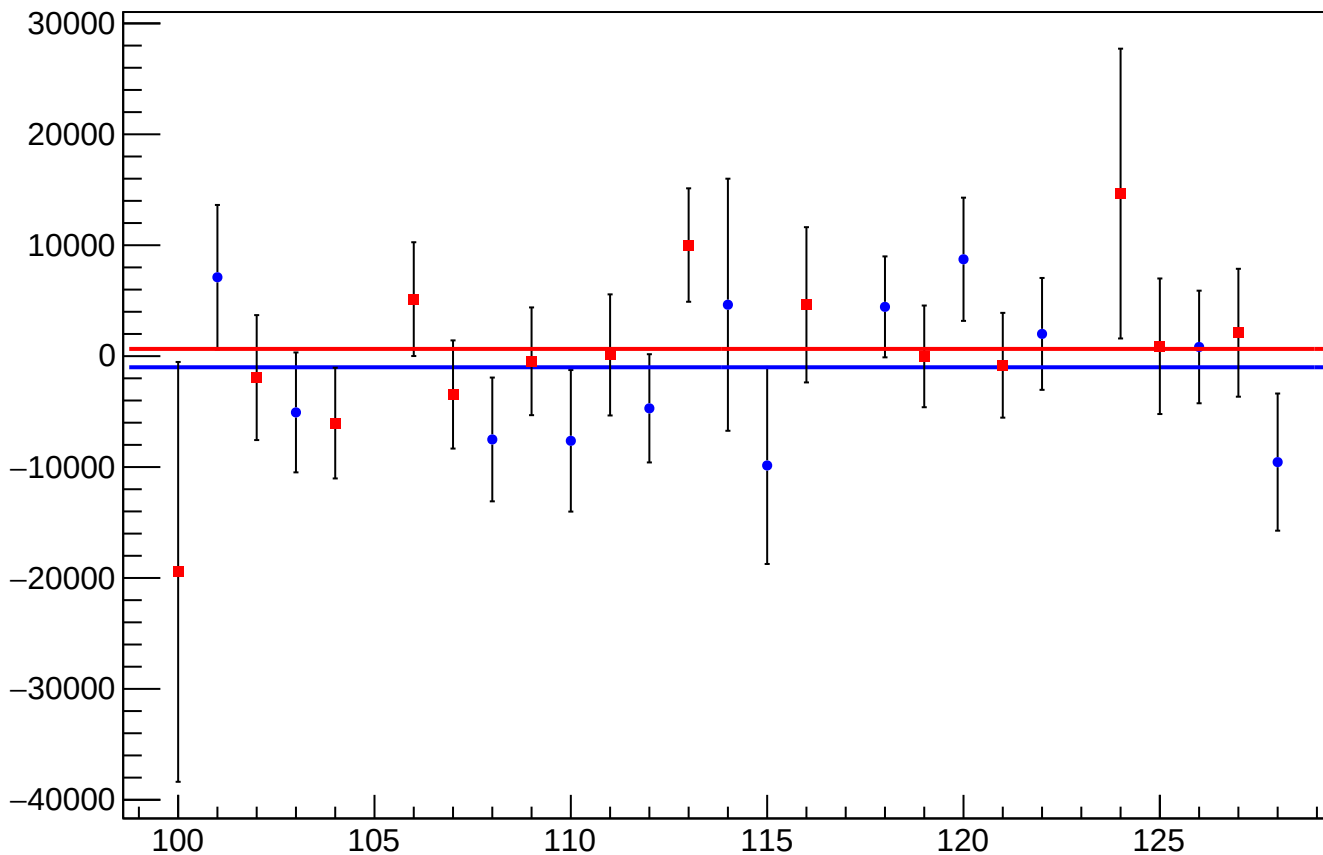
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3179.488+/-0.708 χ^2/NDF : 737216.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1002.920+/-1662.422 χ^2 /NDF: 13.3/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 651.498+/-1500.419 χ^2 /NDF: 9.7/13

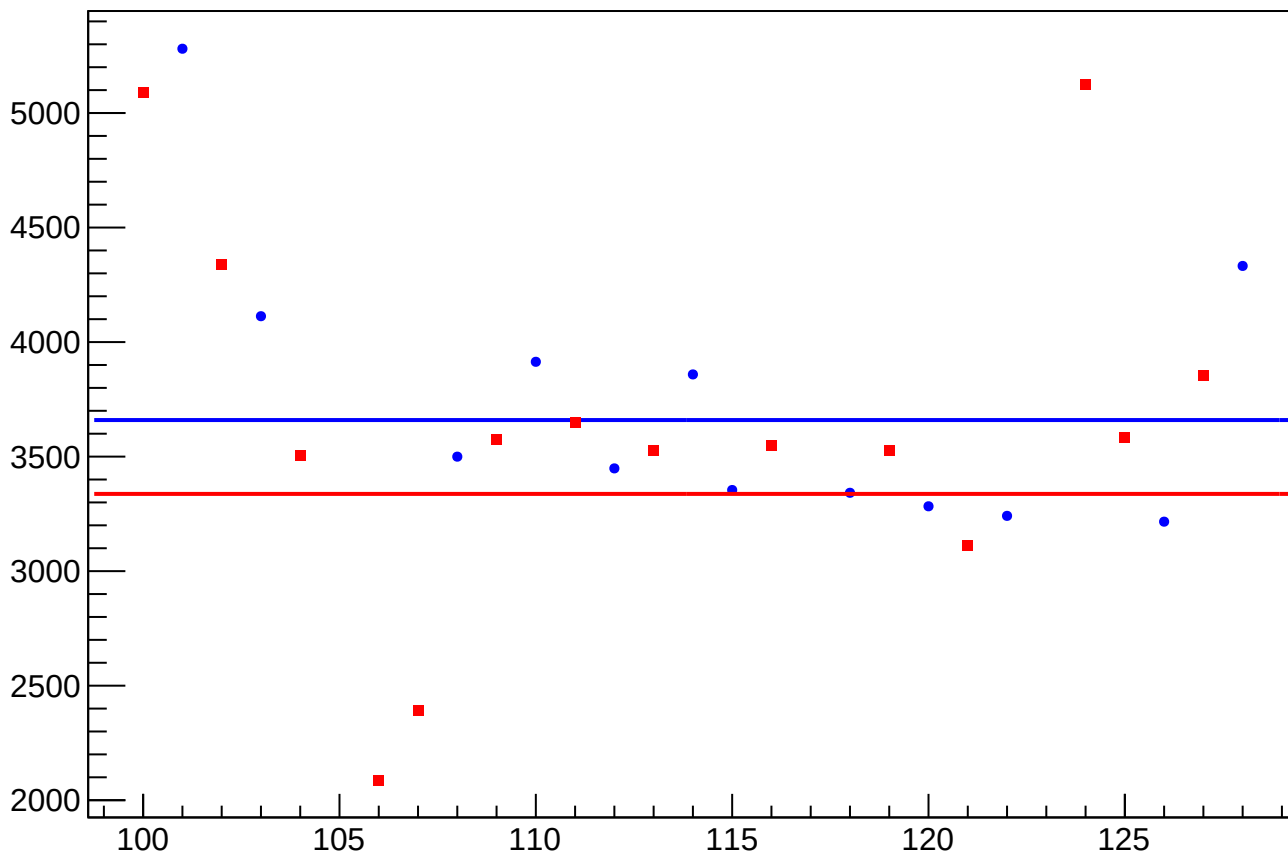
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -91.192+/-1113.839 χ^2 /NDF: 23.5/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3659.613 $\pm$ 1.175 χ^2 /NDF: 220965.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3337.186 $\pm$ 1.043 χ^2 /NDF: 405396.0/13

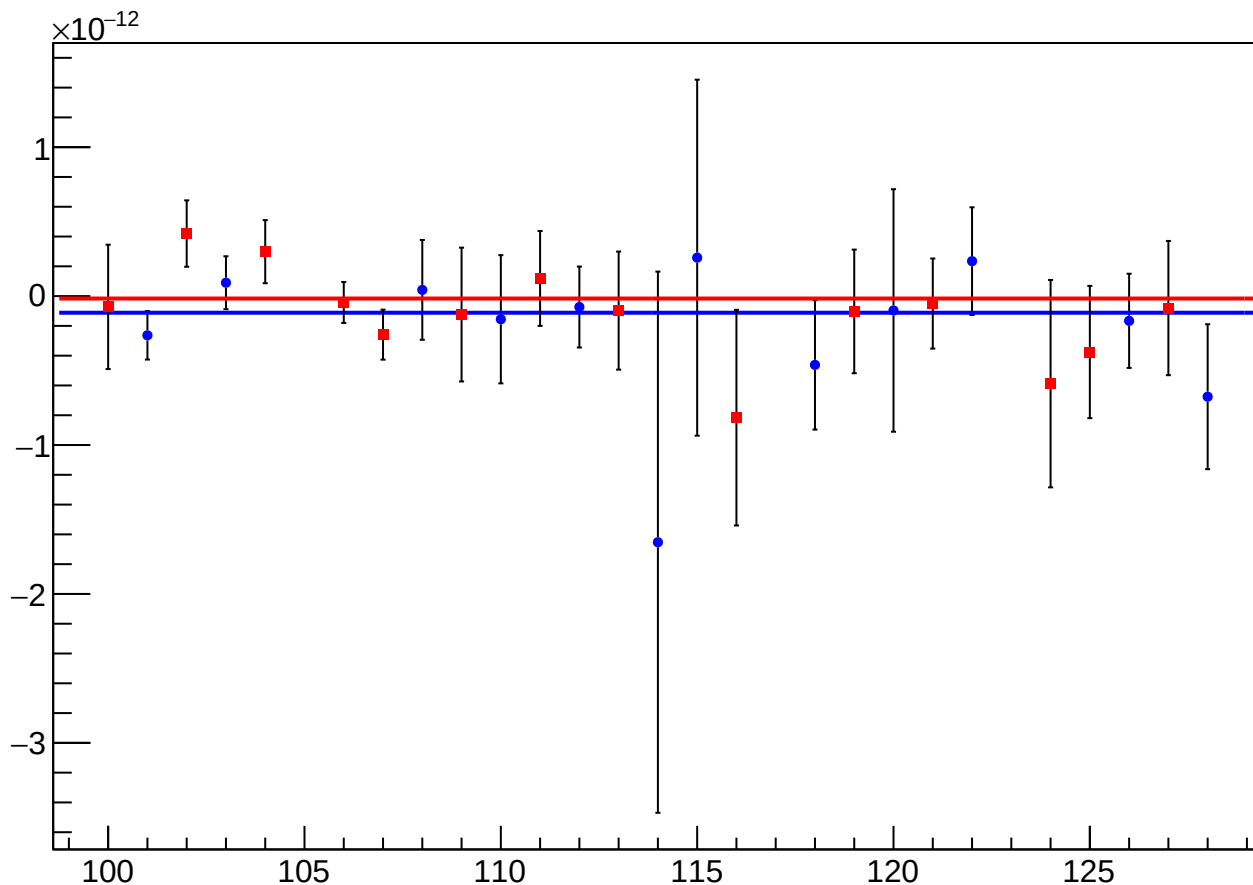
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3479.183 $\pm$ 0.780 χ^2 /NDF: 668462.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.1/13

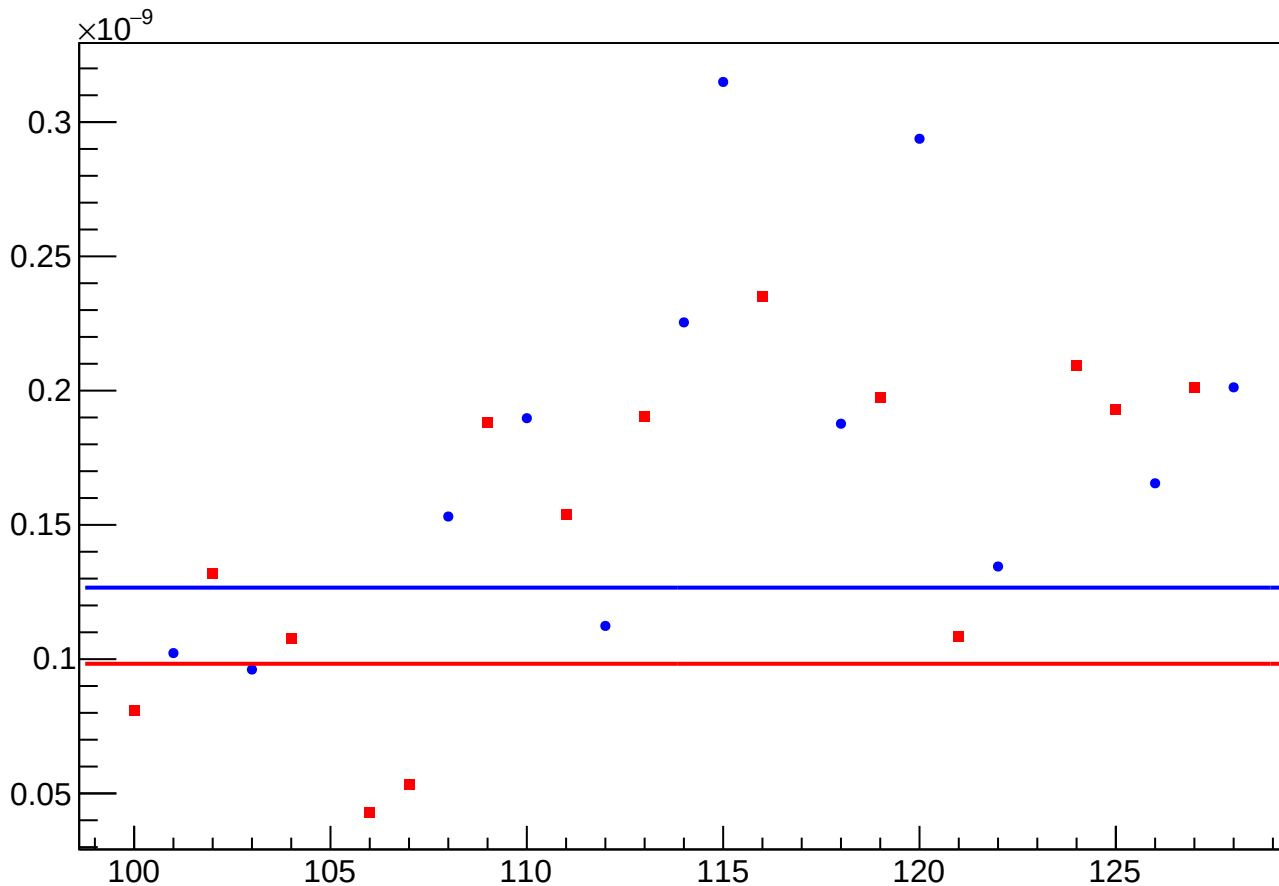
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 17.9/25

- 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 : 422104.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1204193.5/13

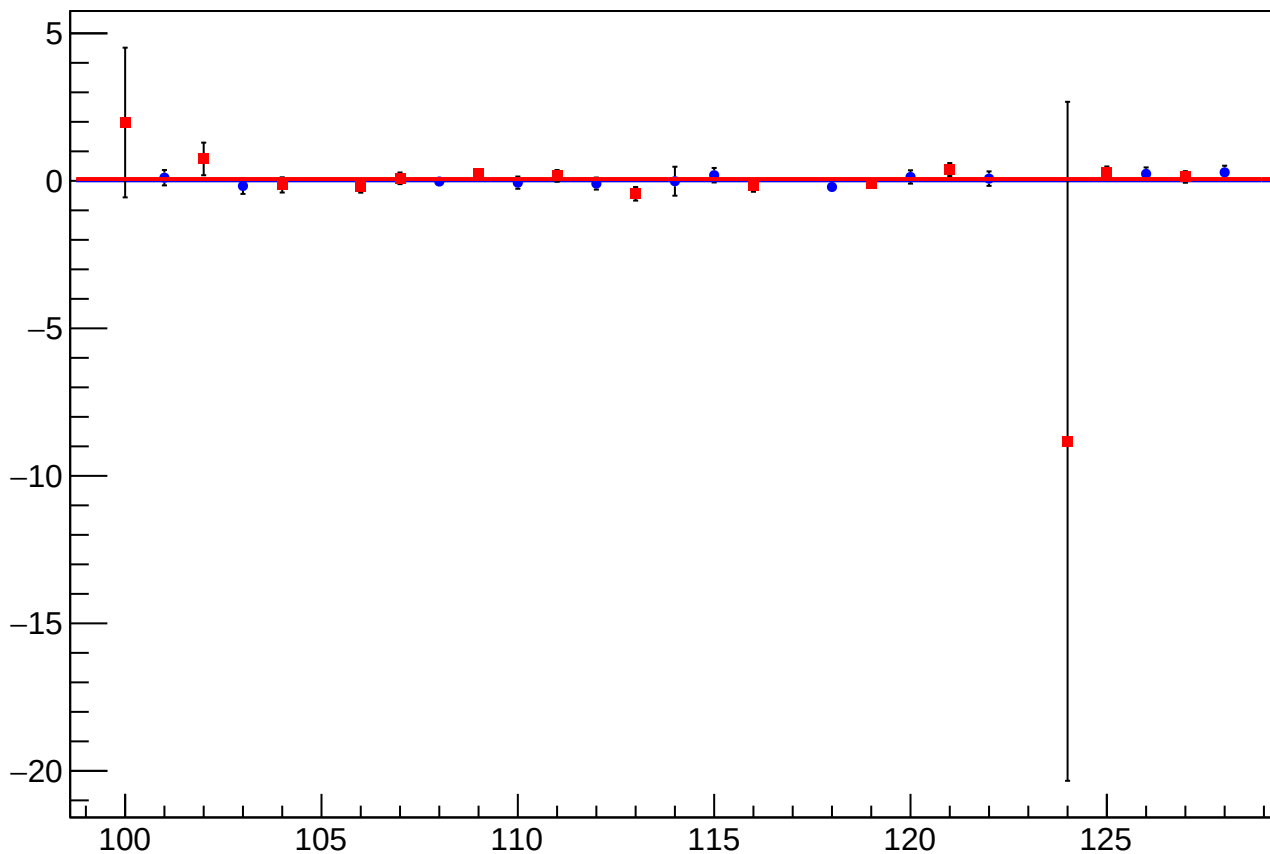
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1748262.4/25

- 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: 0.018 $\pm$ 0.063 χ^2 /NDF: 6.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.061 $\pm$ 0.059 χ^2 /NDF: 17.0/13

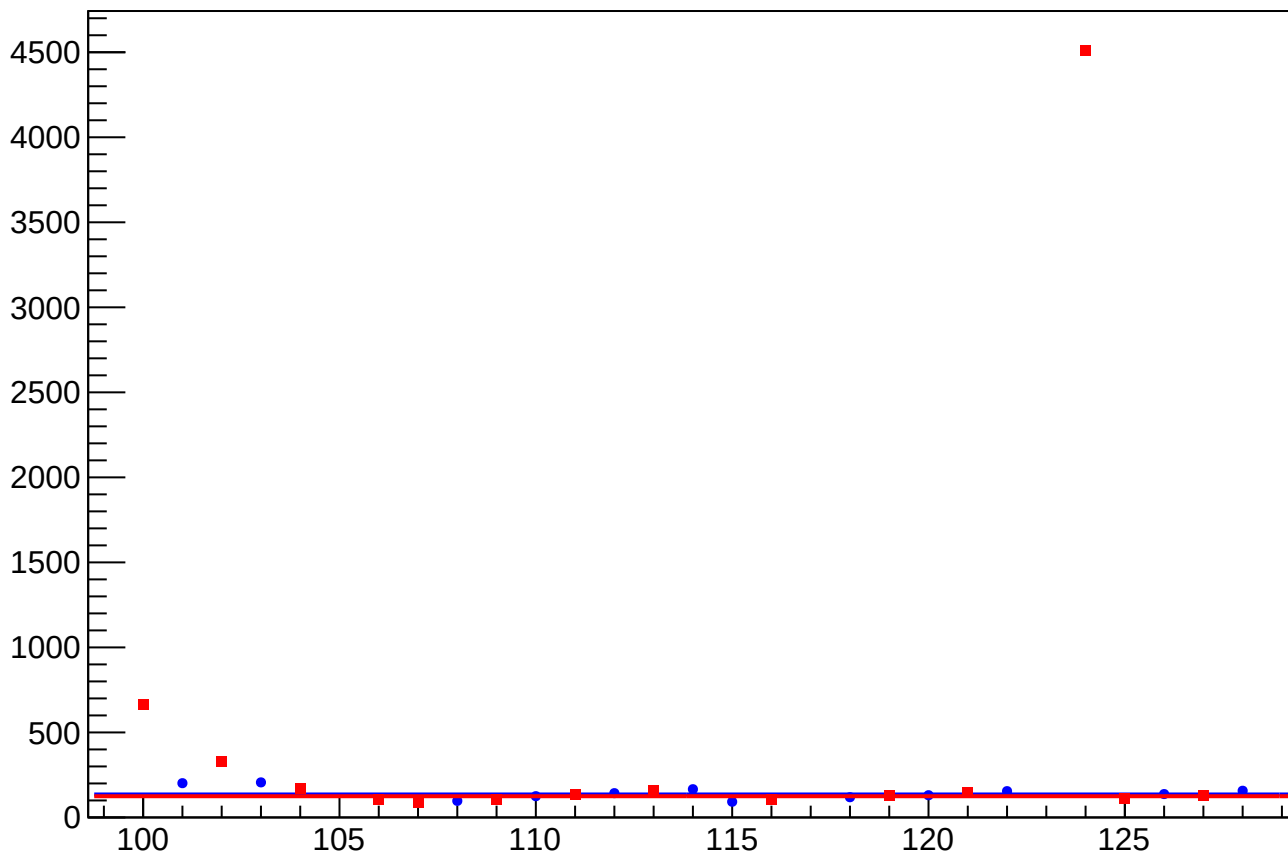
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.041 $\pm$ 0.043 χ^2 /NDF: 23.6/25

- 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: 135.116+/-0.045 χ^2/NDF : 507194.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.806+/-0.042 χ^2/NDF : 908299.6/13

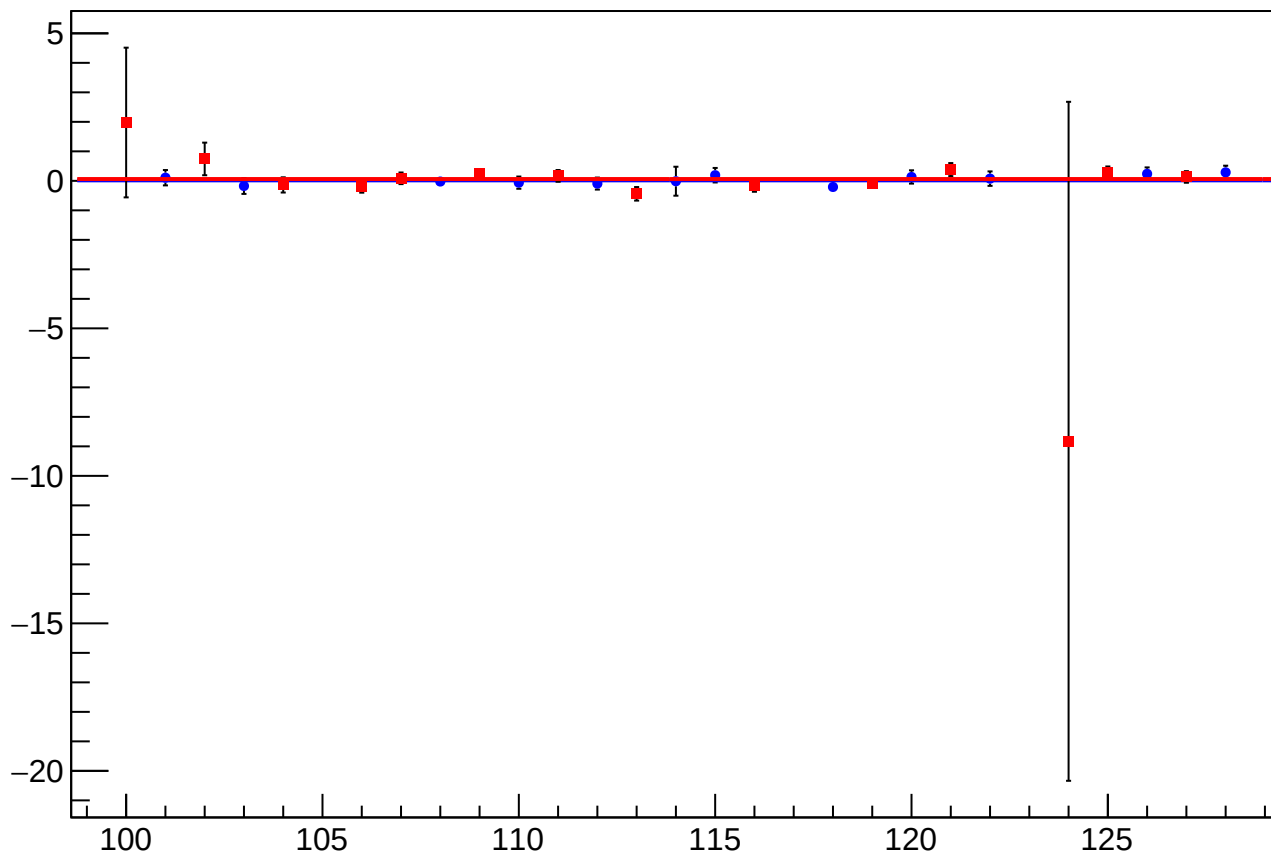
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.606+/-0.031 χ^2/NDF : 1443913.5/25

- 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: 0.018 $\pm$ 0.063 χ^2 /NDF: 6.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.061 $\pm$ 0.059 χ^2 /NDF: 17.0/13

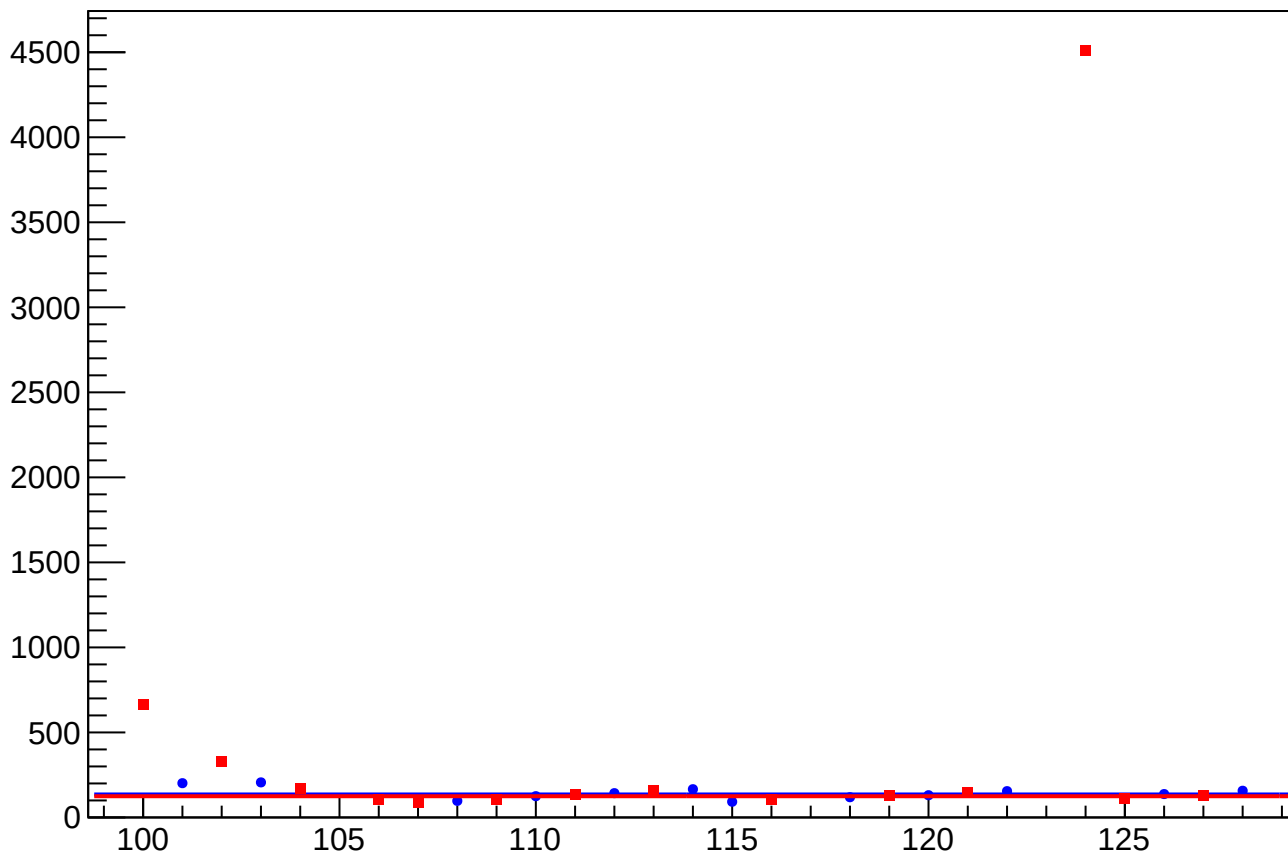
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.041 $\pm$ 0.043 χ^2 /NDF: 23.6/25

- 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: 135.116+/-0.045 χ^2/NDF : 507194.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.806+/-0.042 χ^2/NDF : 908299.6/13

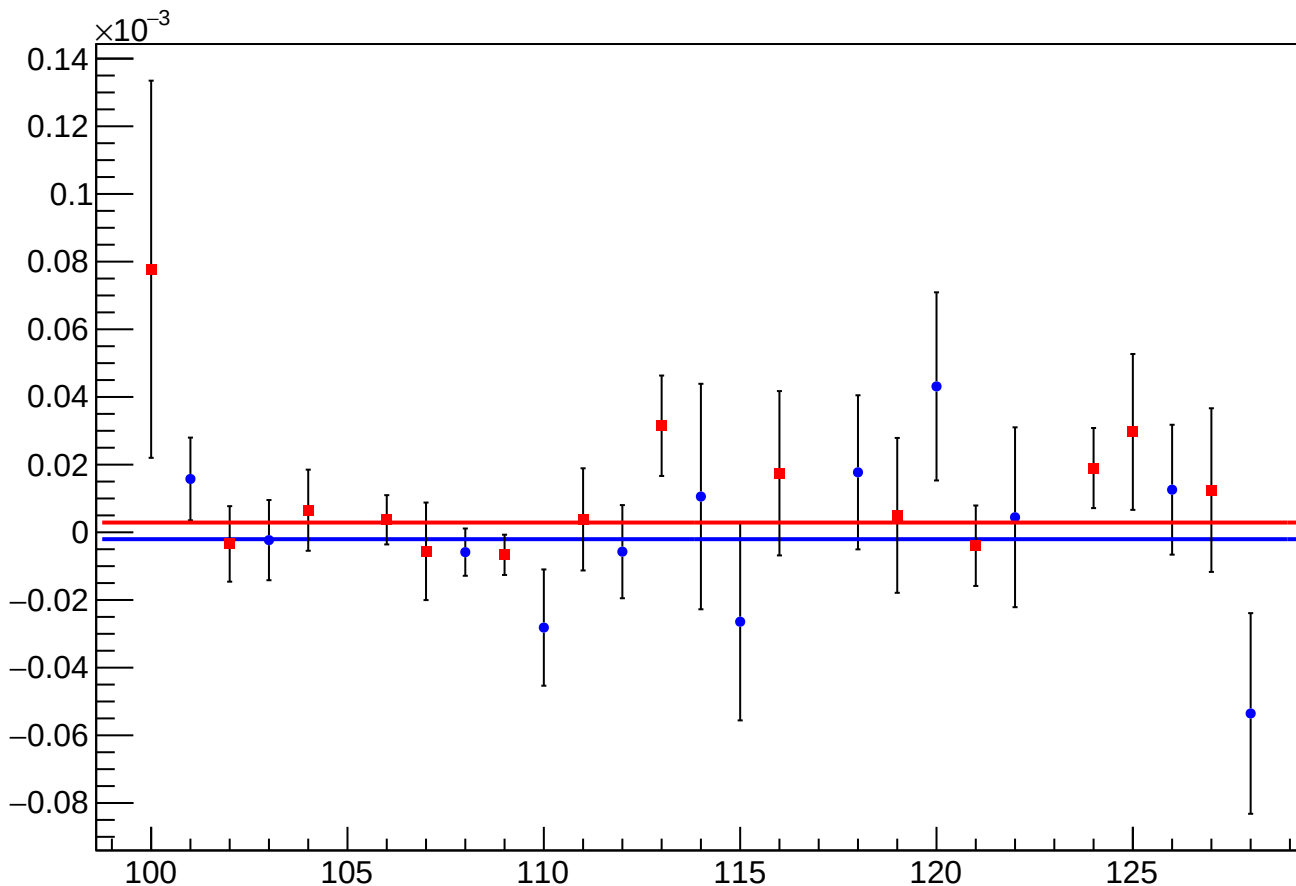
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.606+/-0.031 χ^2/NDF : 1443913.5/25

- 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 : 12.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.9/13

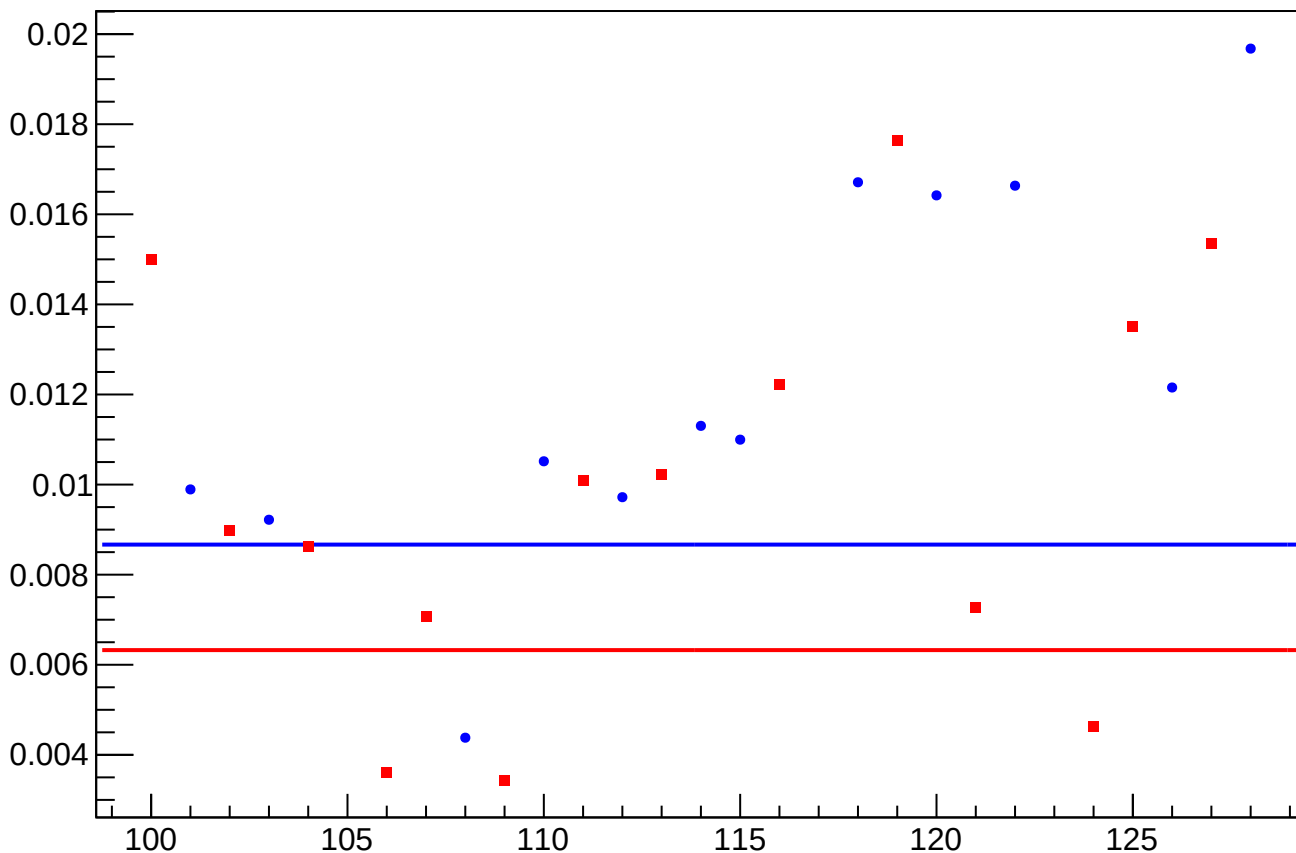
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.5/25

- 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 : 1764471.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 2386410.9/13

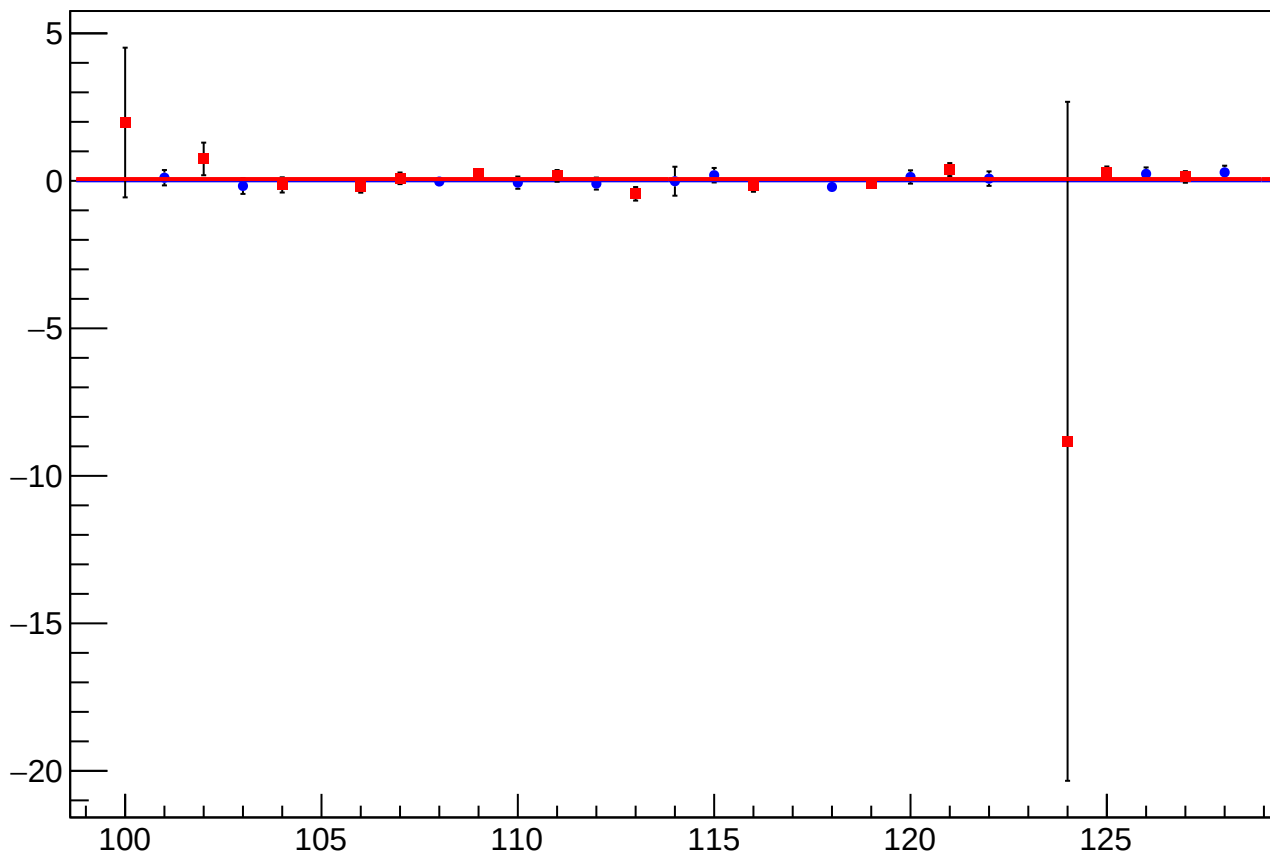
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 4530185.9/25

- 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: 0.018 $\pm$ 0.063 χ^2 /NDF: 6.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.061 $\pm$ 0.059 χ^2 /NDF: 17.0/13

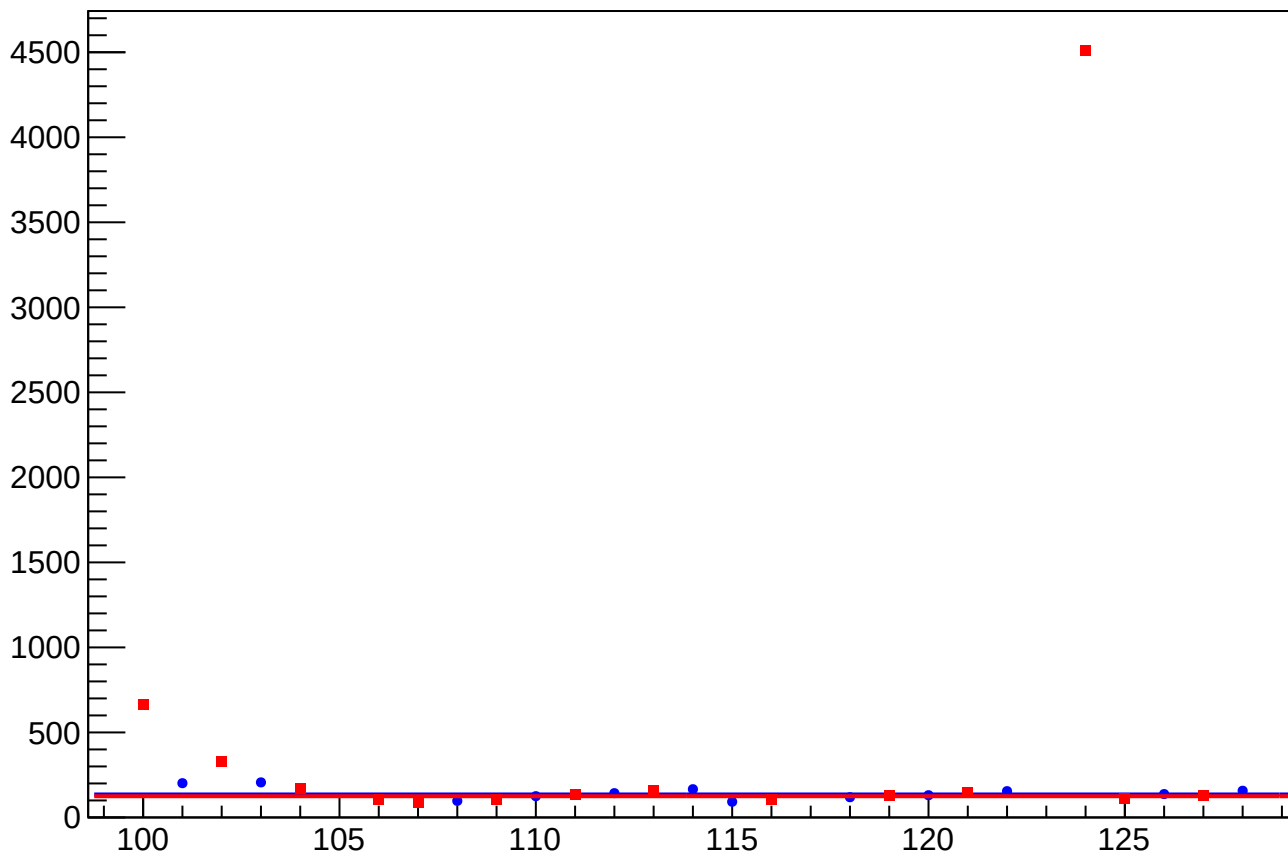
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.041 $\pm$ 0.043 χ^2 /NDF: 23.6/25

- 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: 135.117 $\pm$ 0.045 χ^2 /NDF: 507157.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 124.808 $\pm$ 0.042 χ^2 /NDF: 908250.5/13

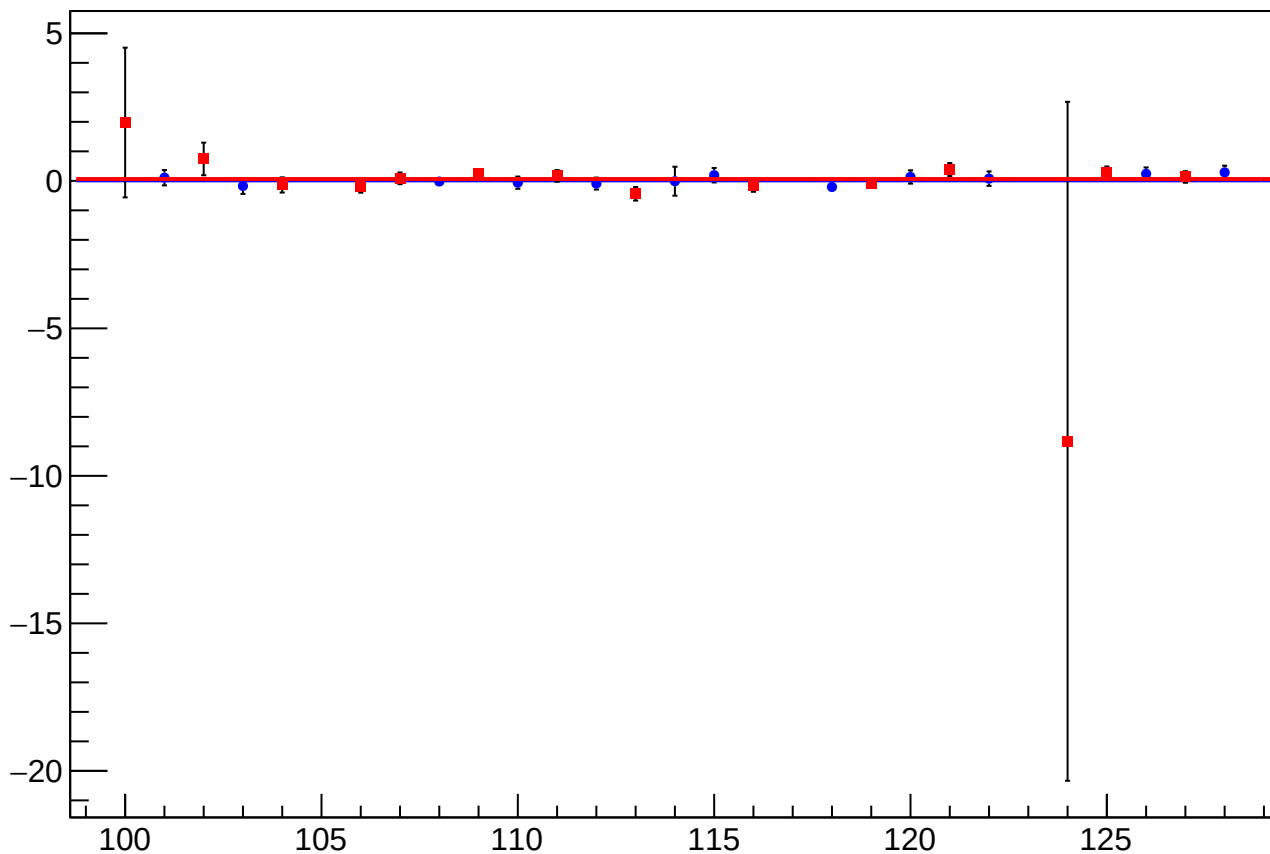
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 129.608 $\pm$ 0.031 χ^2 /NDF: 1443817.6/25

- sign 0.000 $\pm$ 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: 0.018 $\pm$ 0.063 χ^2 /NDF: 6.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.061 $\pm$ 0.059 χ^2 /NDF: 17.0/13

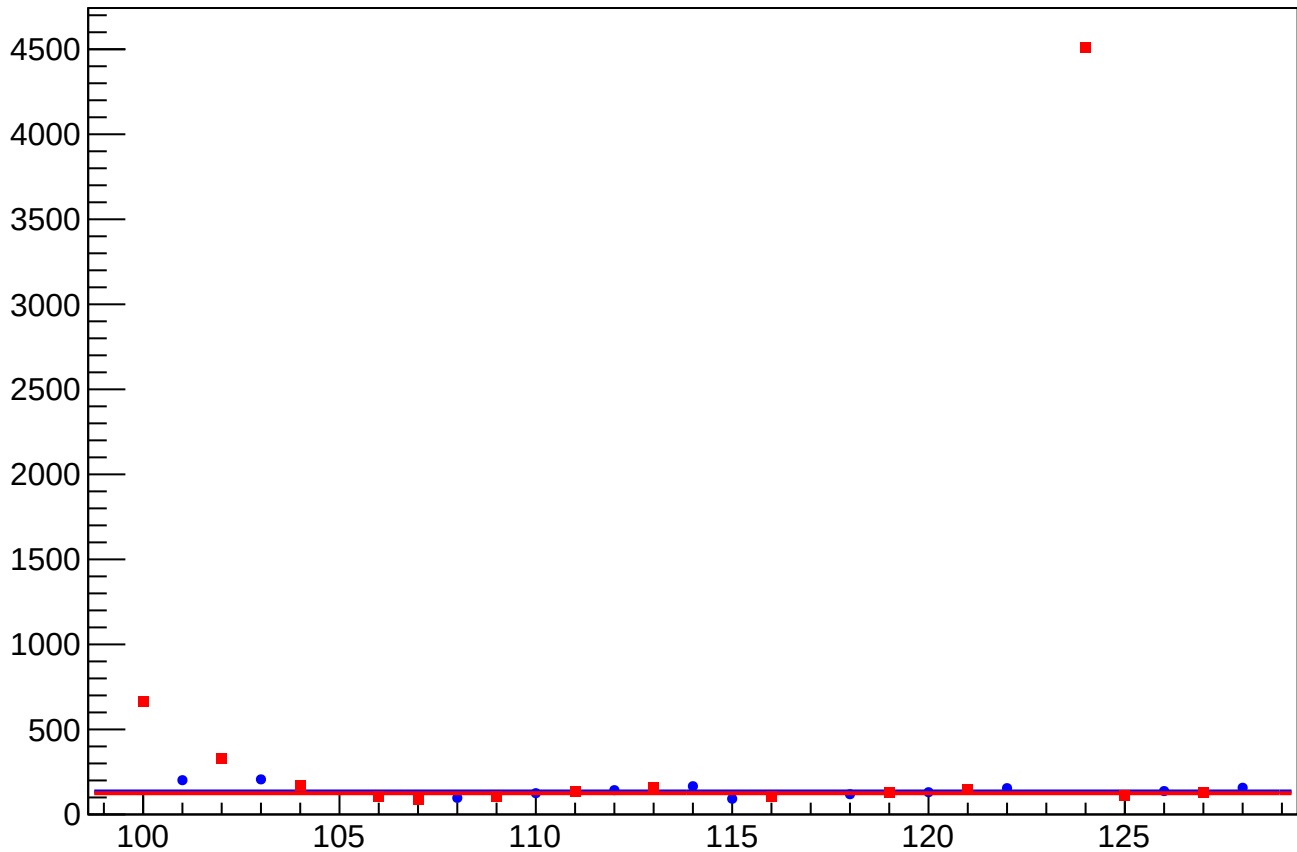
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.041 $\pm$ 0.043 χ^2 /NDF: 23.6/25

- 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: 135.117+/-0.045 χ^2/NDF : 507157.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.808+/-0.042 χ^2/NDF : 908250.5/13

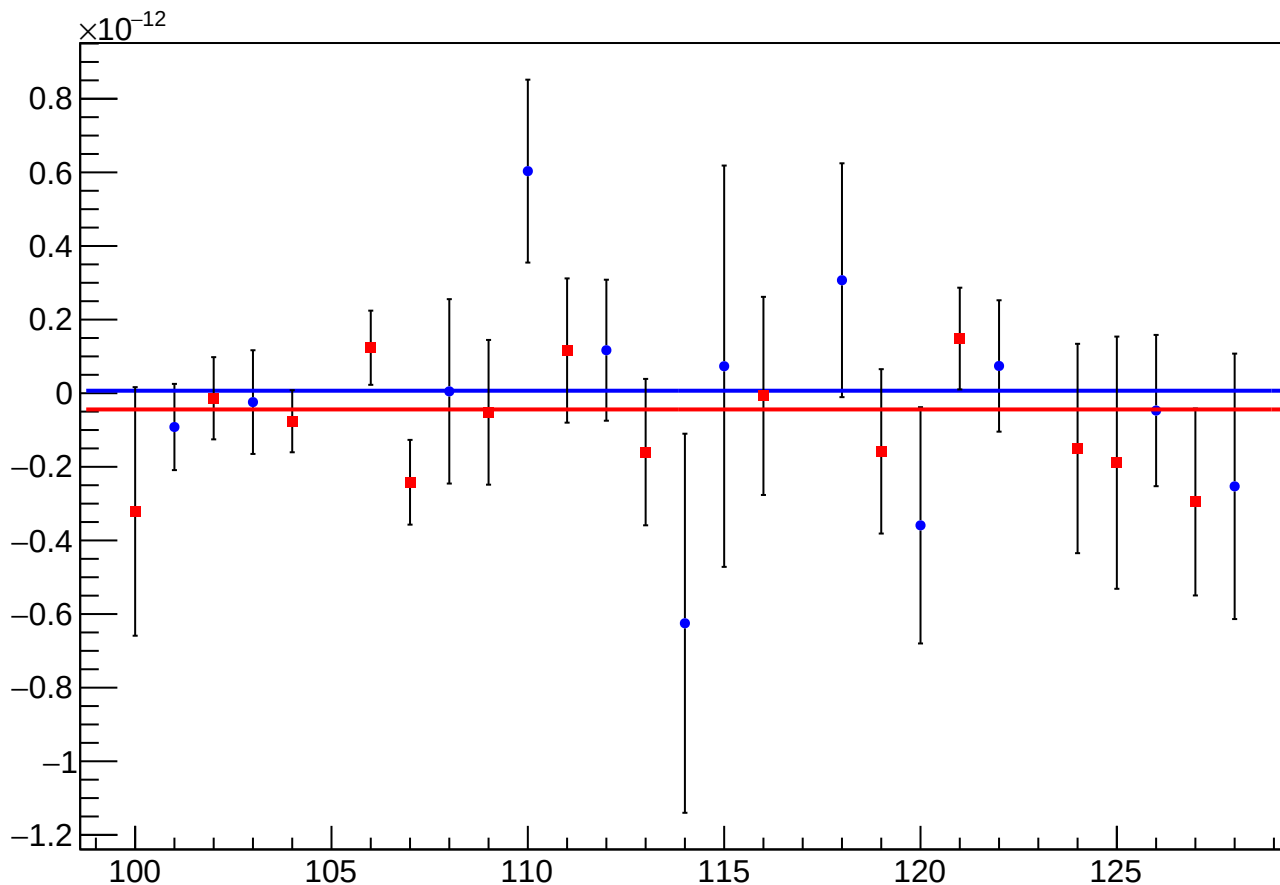
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.608+/-0.031 χ^2/NDF : 1443817.6/25

- 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 : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.1/13

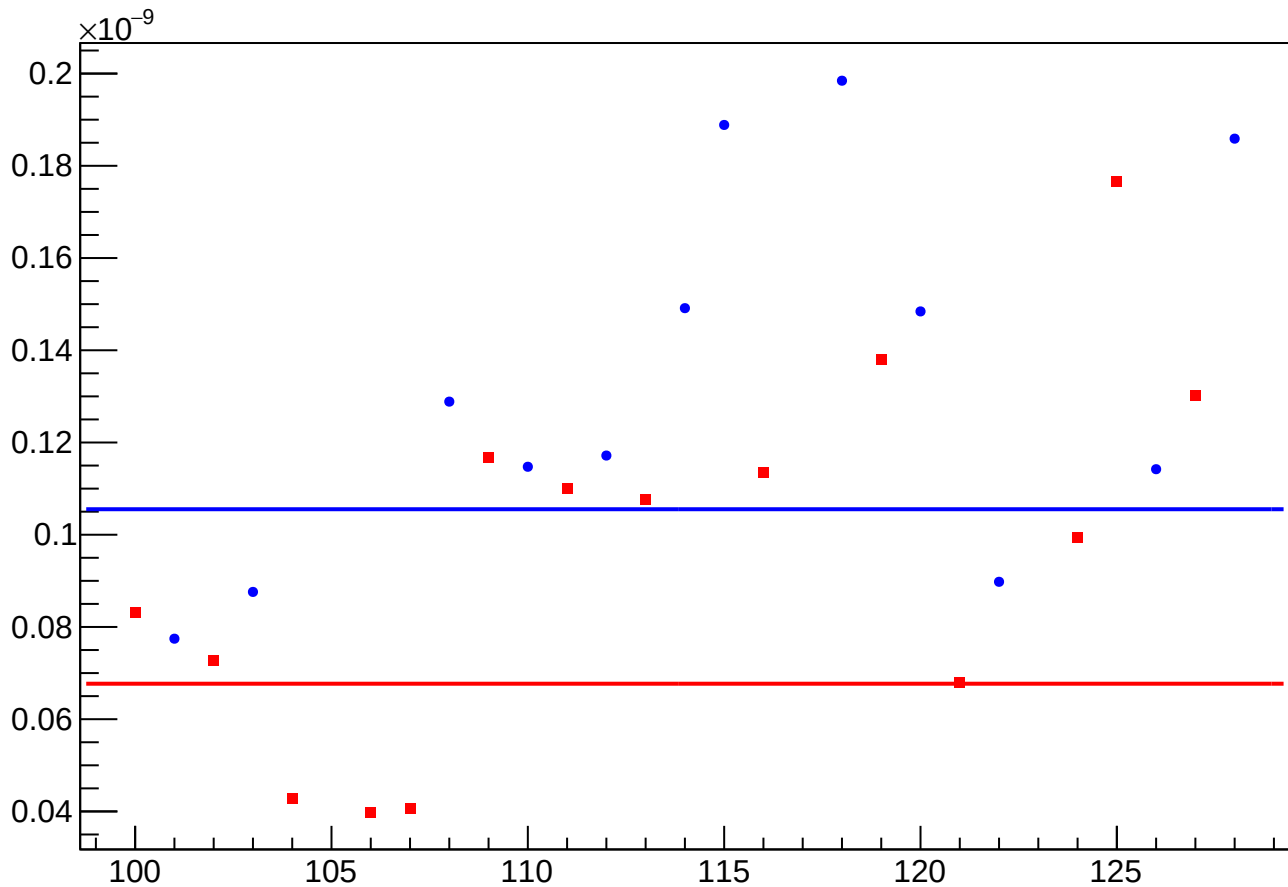
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.9/25

- 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 : 561137.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1348256.0/13

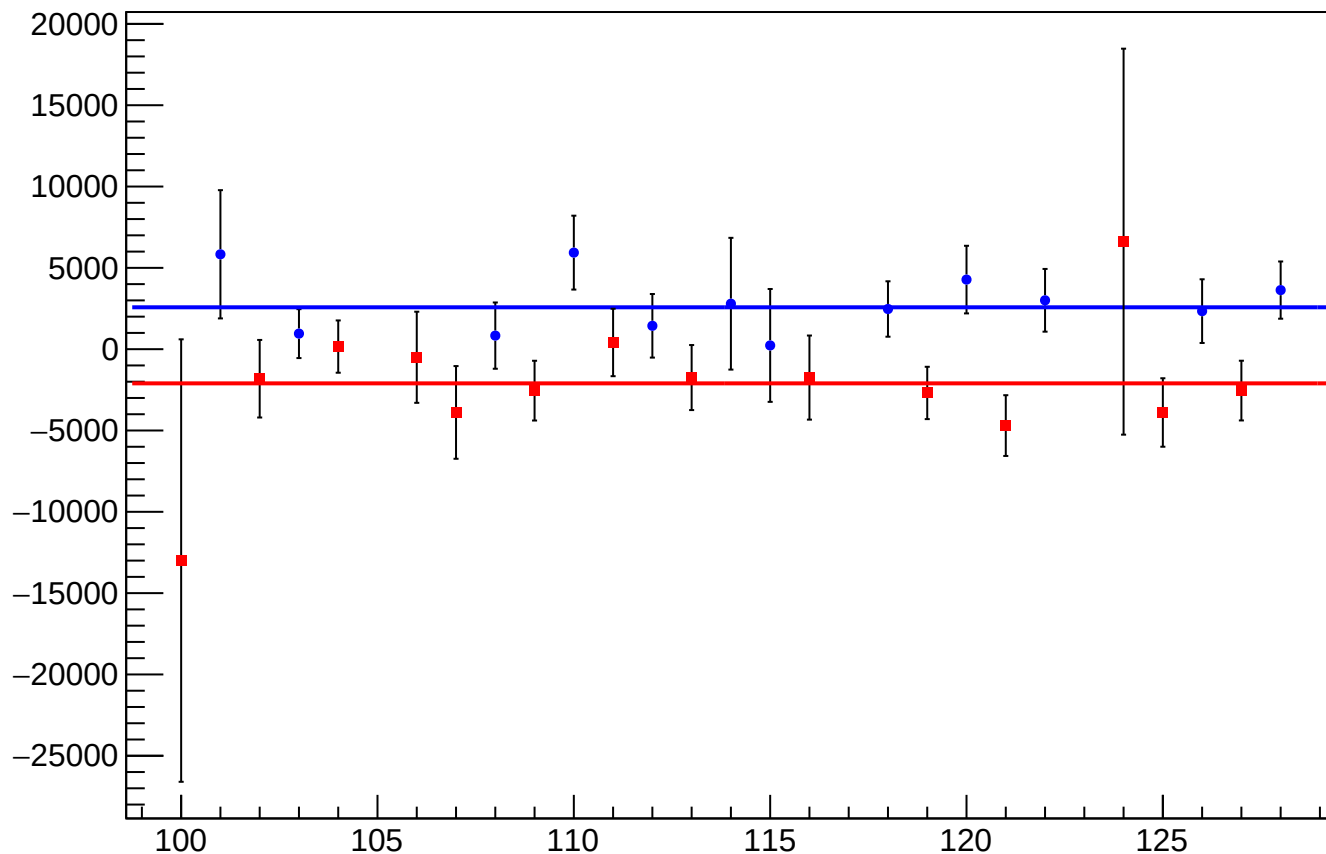
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2446394.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2575.509 $\pm$ 600.235 χ^2 /NDF: 6.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2101.741 $\pm$ 582.235 χ^2 /NDF: 8.3/13

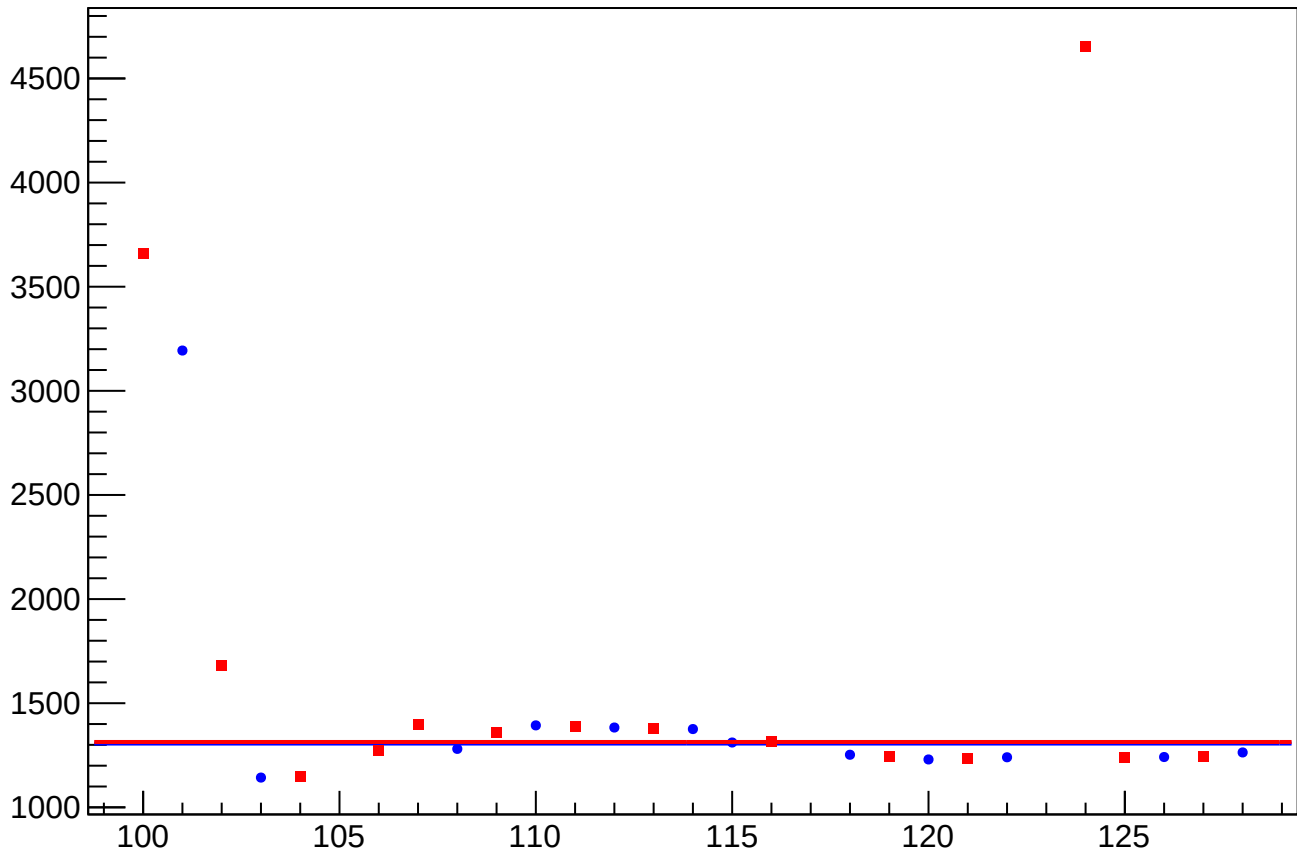
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 165.700 $\pm$ 417.921 χ^2 /NDF: 46.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1306.324+/-0.424 χ^2/NDF : 499048.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1313.864+/-0.410 χ^2/NDF : 307268.8/13

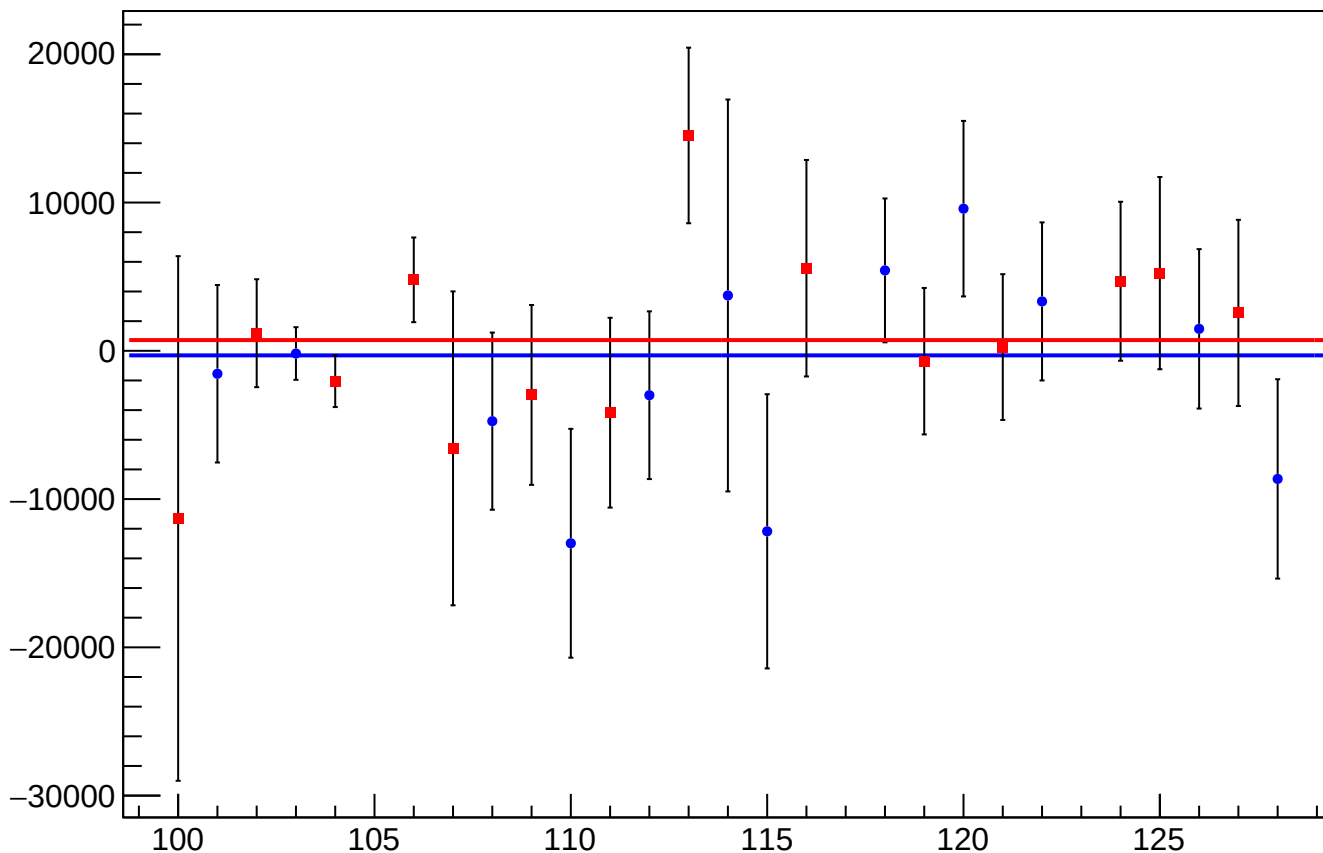
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.223+/-0.295 χ^2/NDF : 806480.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_reg_correction_mean vs Slug



Right In: -307.868+/-1289.253 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 722.510+/-1115.707 χ^2/NDF : 13.5/13

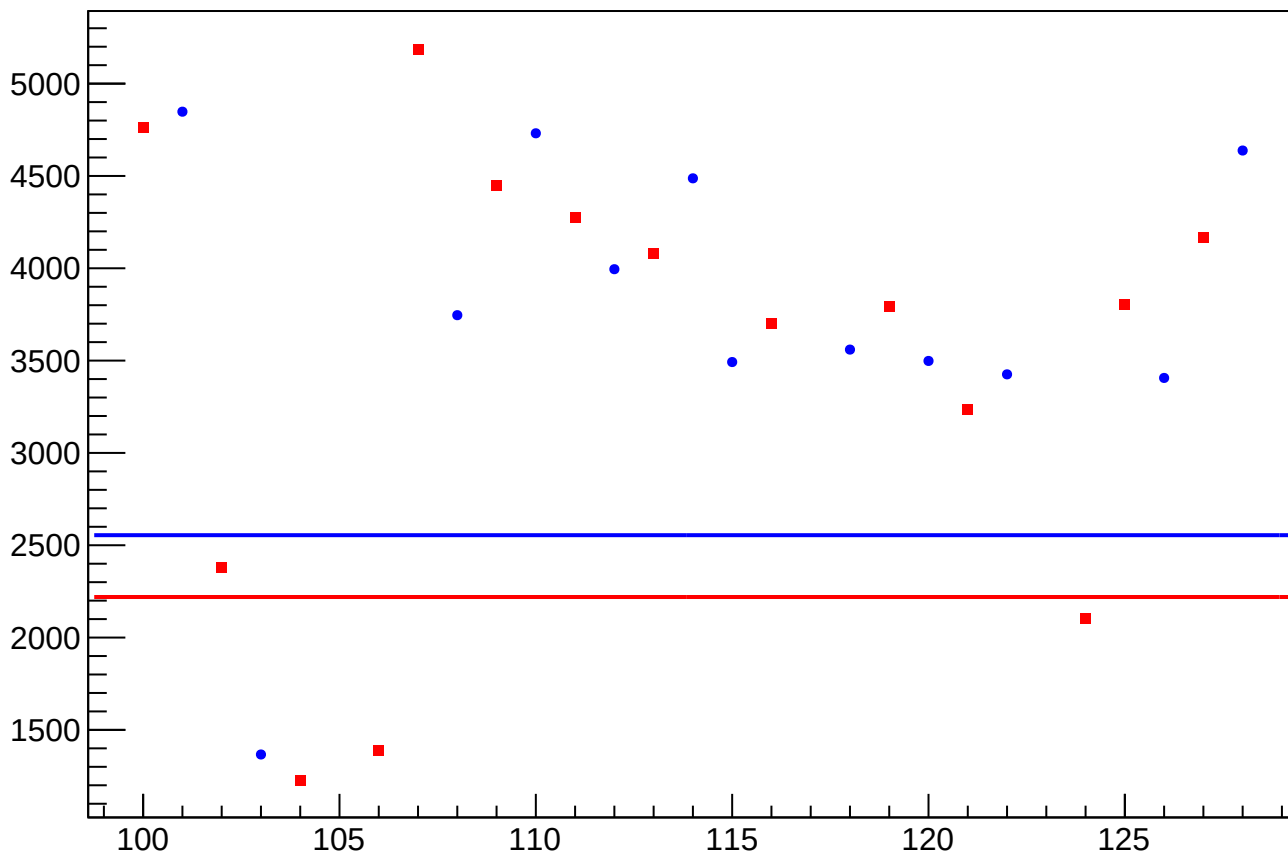
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 281.290+/-843.661 χ^2/NDF : 25.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_reg_correction_rms vs Slug



Right In: 2554.502+/-0.912 χ^2/NDF : 2052848.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2219.658+/-0.789 χ^2/NDF : 2377967.6/13

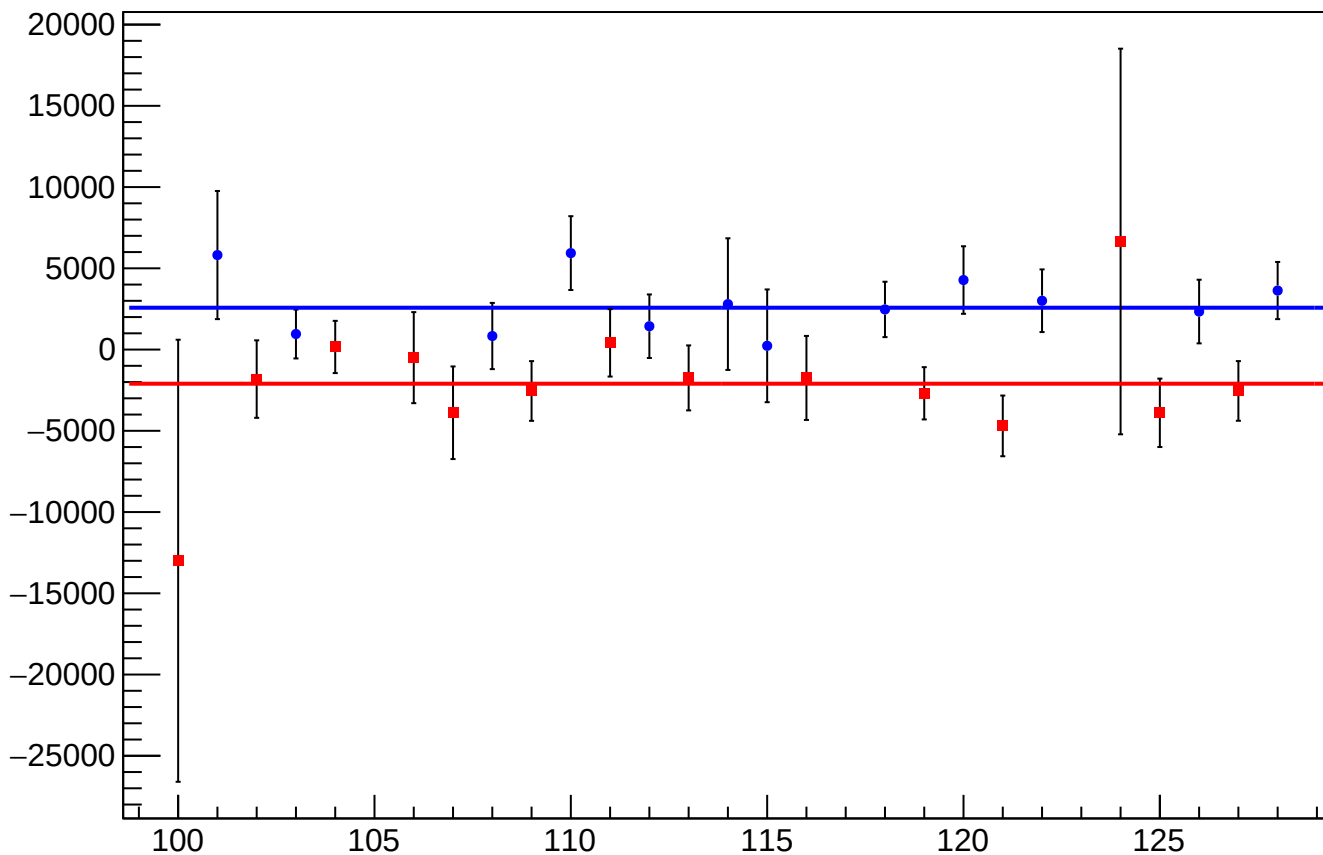
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2363.043+/-0.597 χ^2/NDF : 4507955.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2575.184 +/- 600.235 χ^2/NDF : 6.7/11

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -2101.373 +/- 582.235 χ^2/NDF : 8.3/13

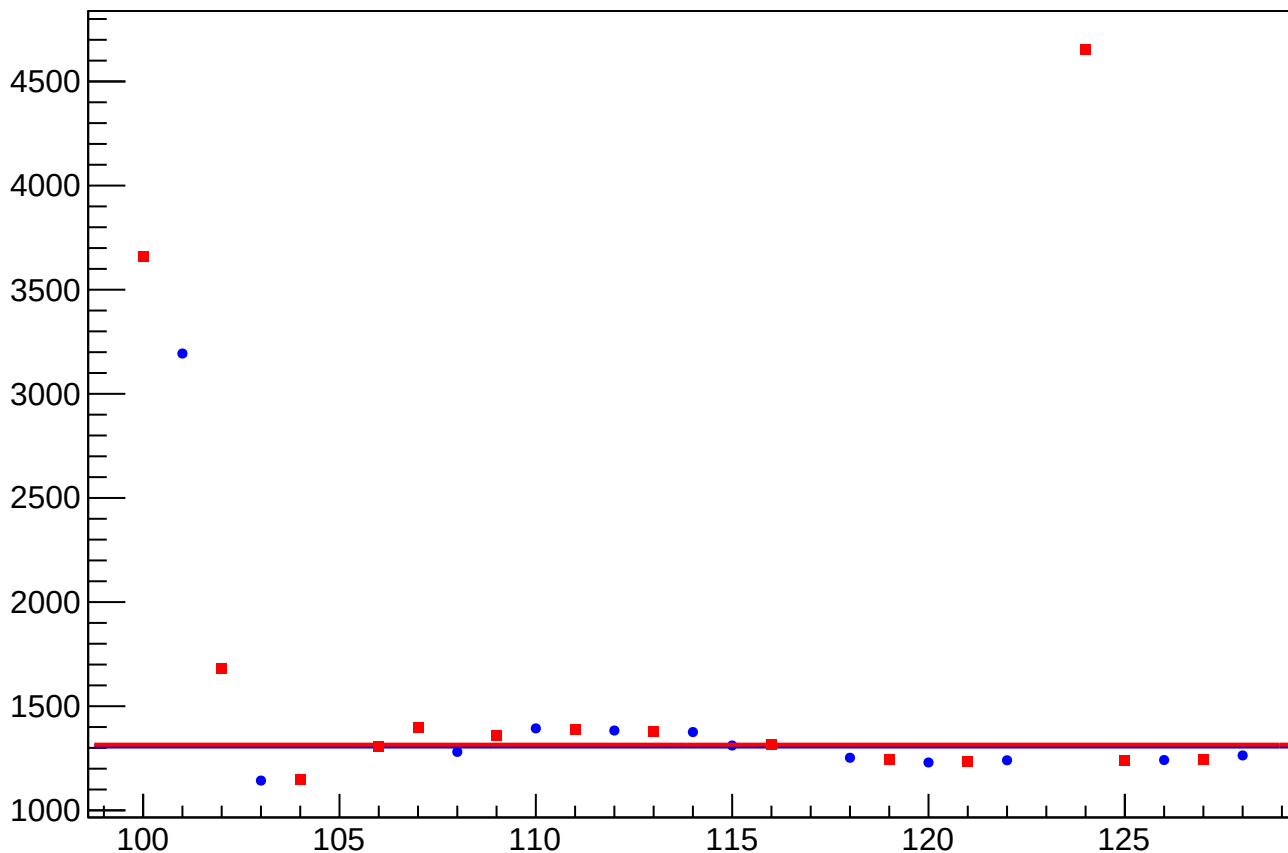
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 165.732 +/- 417.921 χ^2/NDF : 46.3/25

- sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

cor_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1306.324+/-0.424 χ^2/NDF : 499050.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1315.421+/-0.411 χ^2/NDF : 306811.2/13

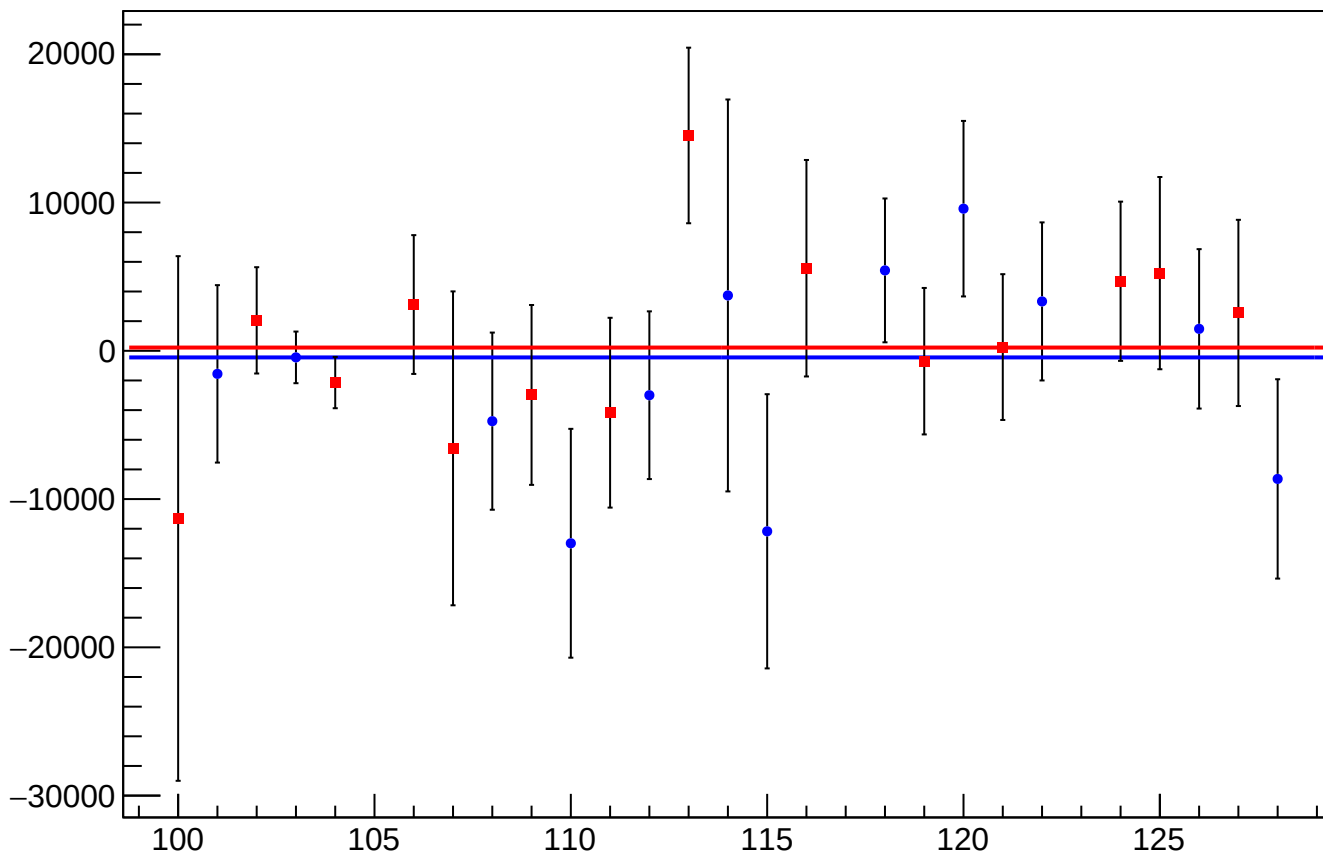
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1311.023+/-0.295 χ^2/NDF : 806098.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_cor_correction_mean vs Slug



Right In: -445.553+/-1276.115 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 219.711+/-1166.603 χ^2/NDF : 11.9/13

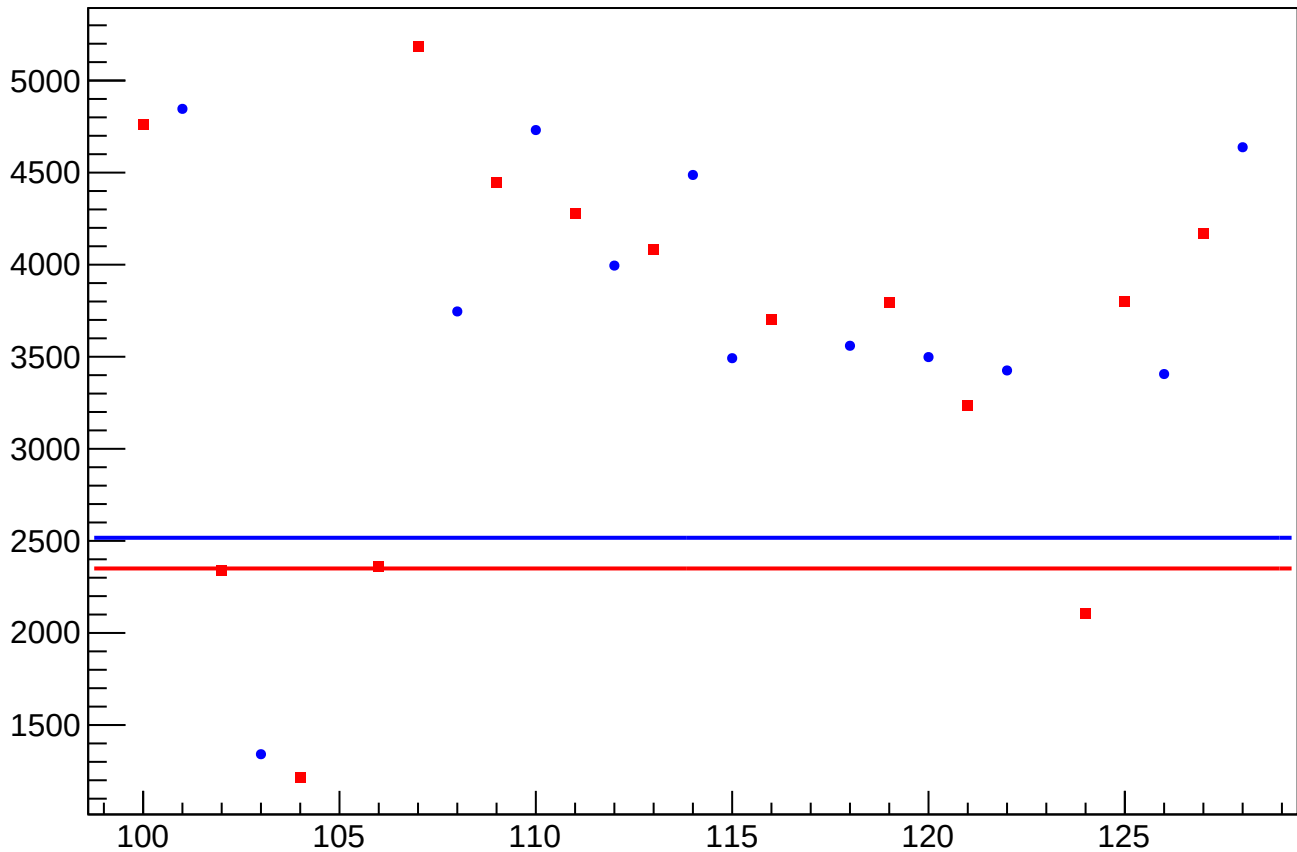
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -83.155+/-861.031 χ^2/NDF : 23.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_cor_correction_rms vs Slug



Right In: 2516.885 $\pm$ 0.902 χ^2 /NDF: 2125933.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

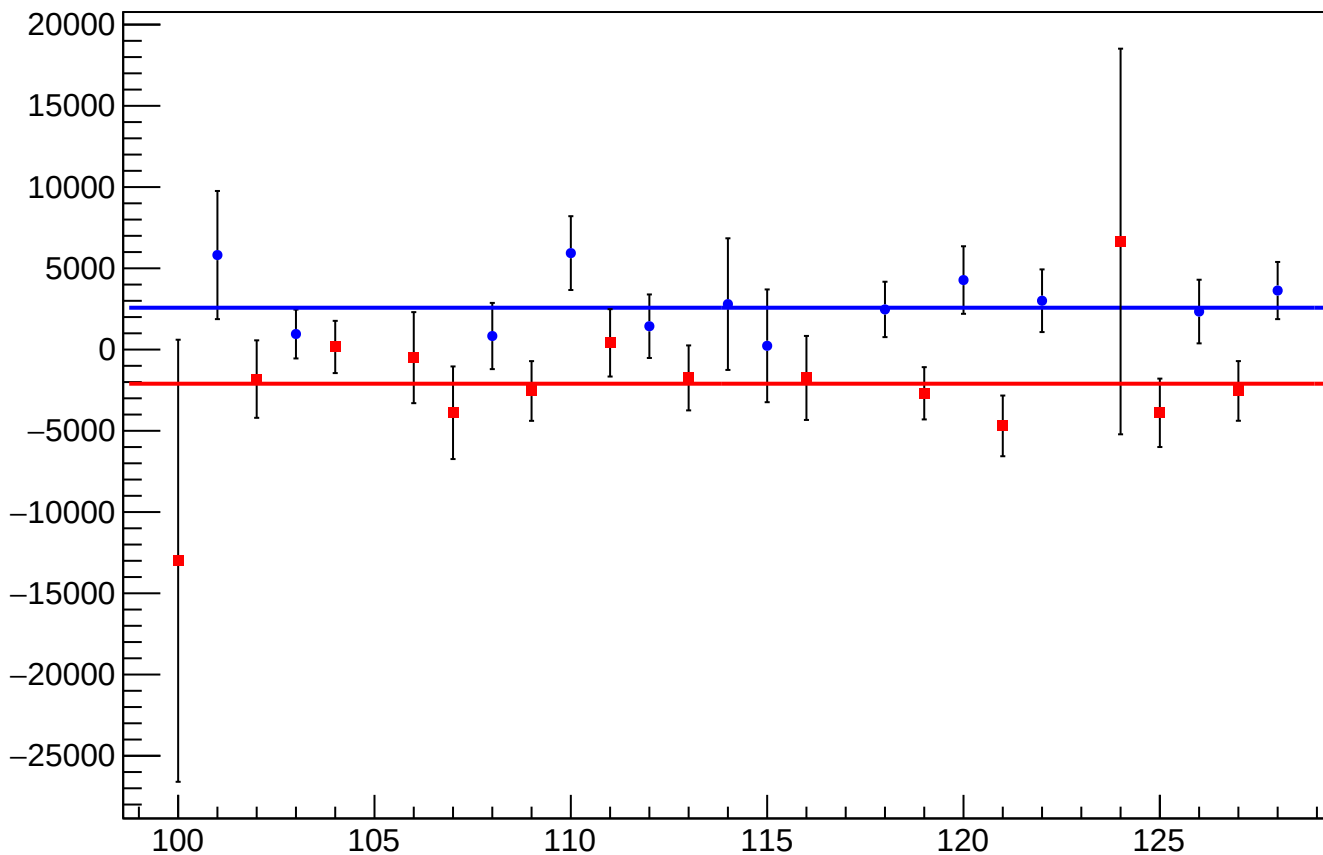
Right Out: 2350.192 $\pm$ 0.825 χ^2 /NDF: 2210591.8/13

All: 2426.081 $\pm$ 0.609 χ^2 /NDF: 4355115.4/25

- sign 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_avg_atr_avg_avg_mean vs Slug



Right In: 2575.184+/-600.235 χ^2/NDF : 6.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2101.373+/-582.235 χ^2/NDF : 8.3/13

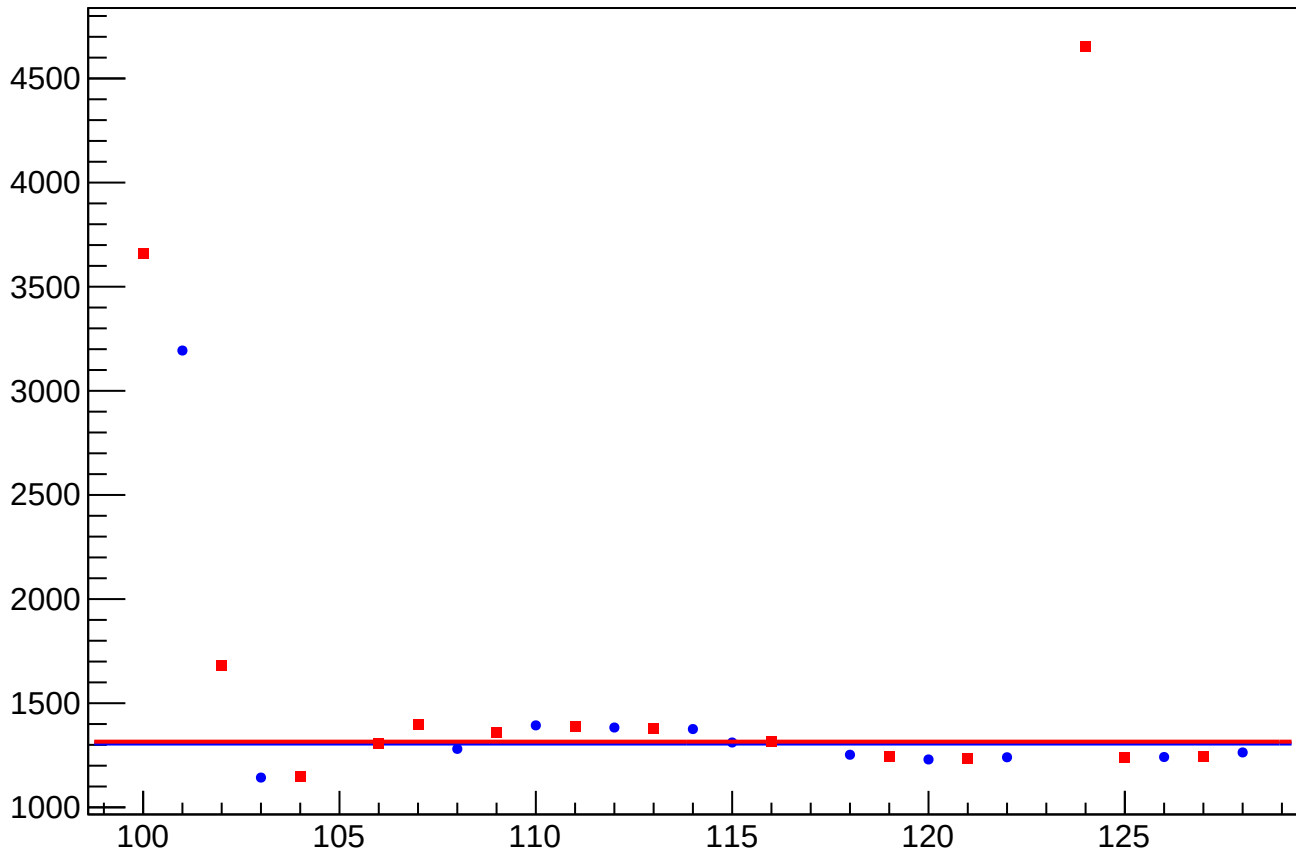
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.732+/-417.921 χ^2/NDF : 46.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1306.324+/-0.424 χ^2/NDF : 499050.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1315.421+/-0.411 χ^2/NDF : 306811.2/13

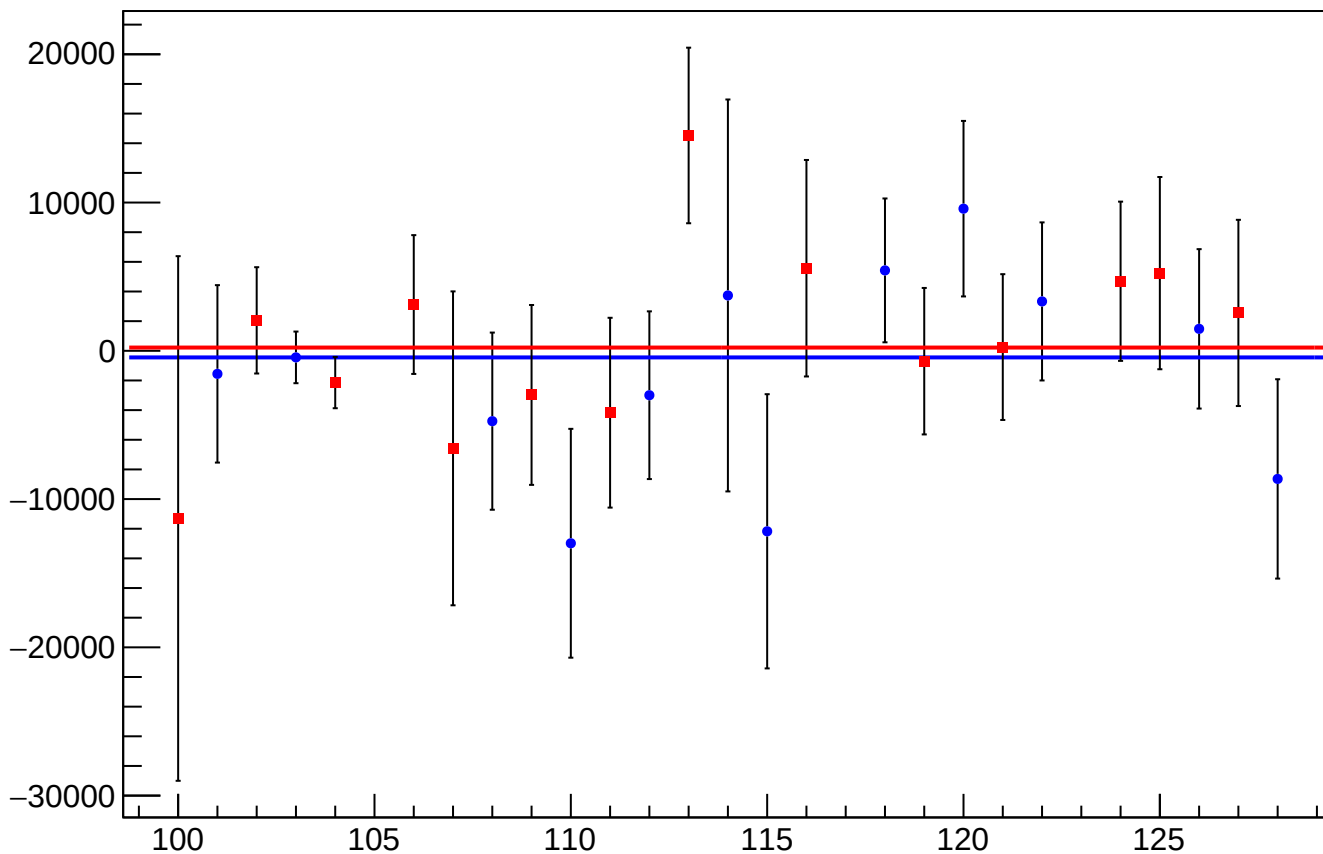
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1311.023+/-0.295 χ^2/NDF : 806098.6/25

- 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: -445.553+/-1276.115 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 219.711+/-1166.603 χ^2/NDF : 11.9/13

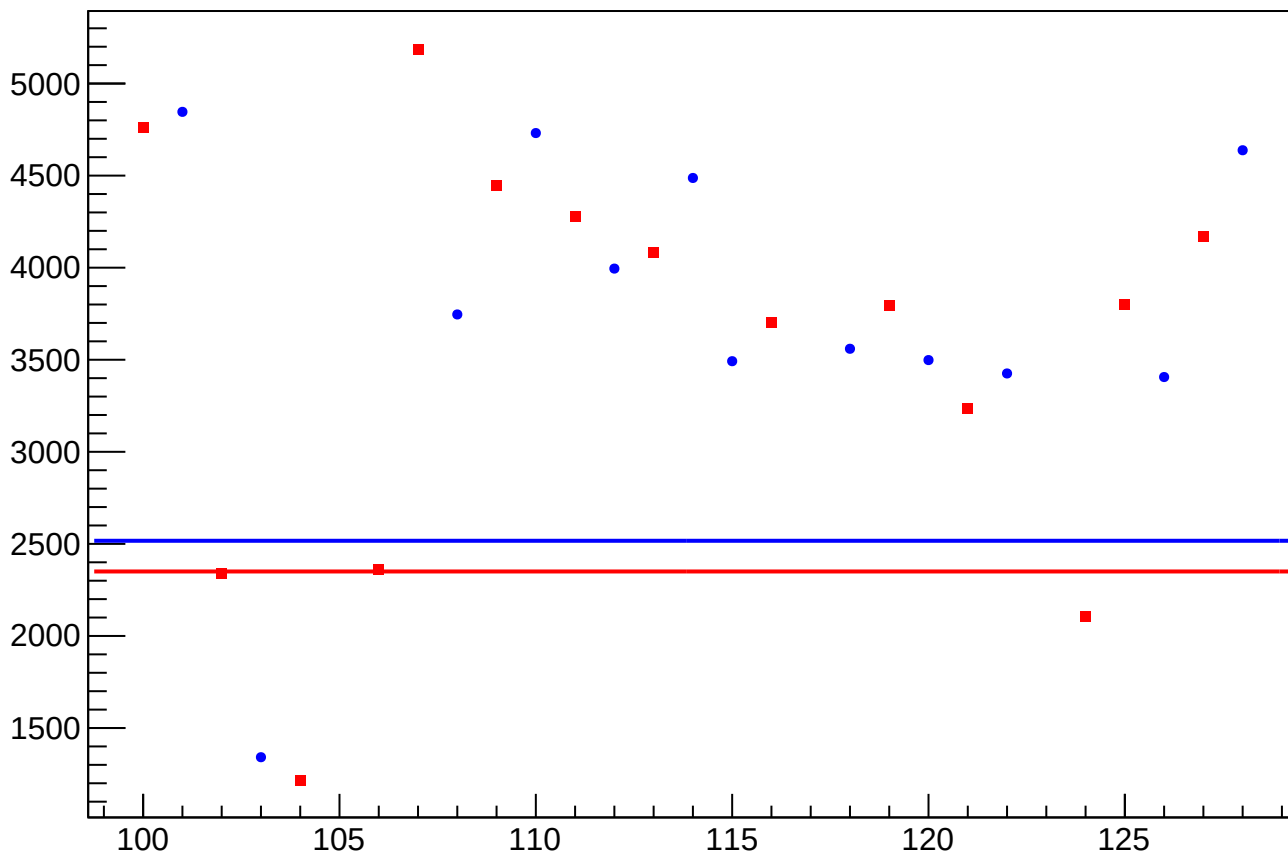
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -83.155+/-861.031 χ^2/NDF : 23.6/25

- 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: 2516.885+/-0.902 χ^2/NDF : 2125933.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2350.192+/-0.825 χ^2/NDF : 2210591.8/13

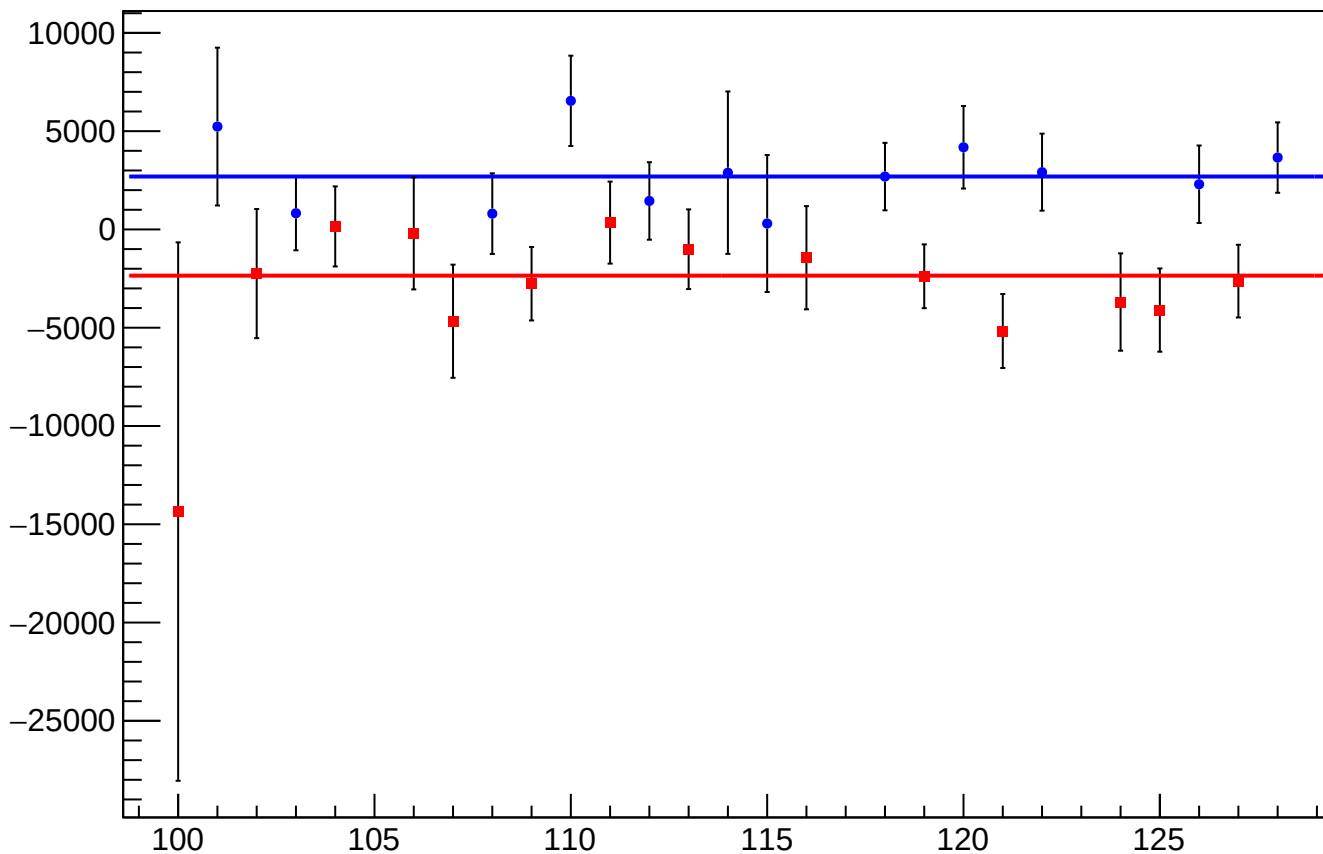
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2426.081+/-0.609 χ^2/NDF : 4355115.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2692.416 $\pm$ 624.371 χ^2 /NDF: 6.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2351.174 $\pm$ 594.711 χ^2 /NDF: 9.0/13

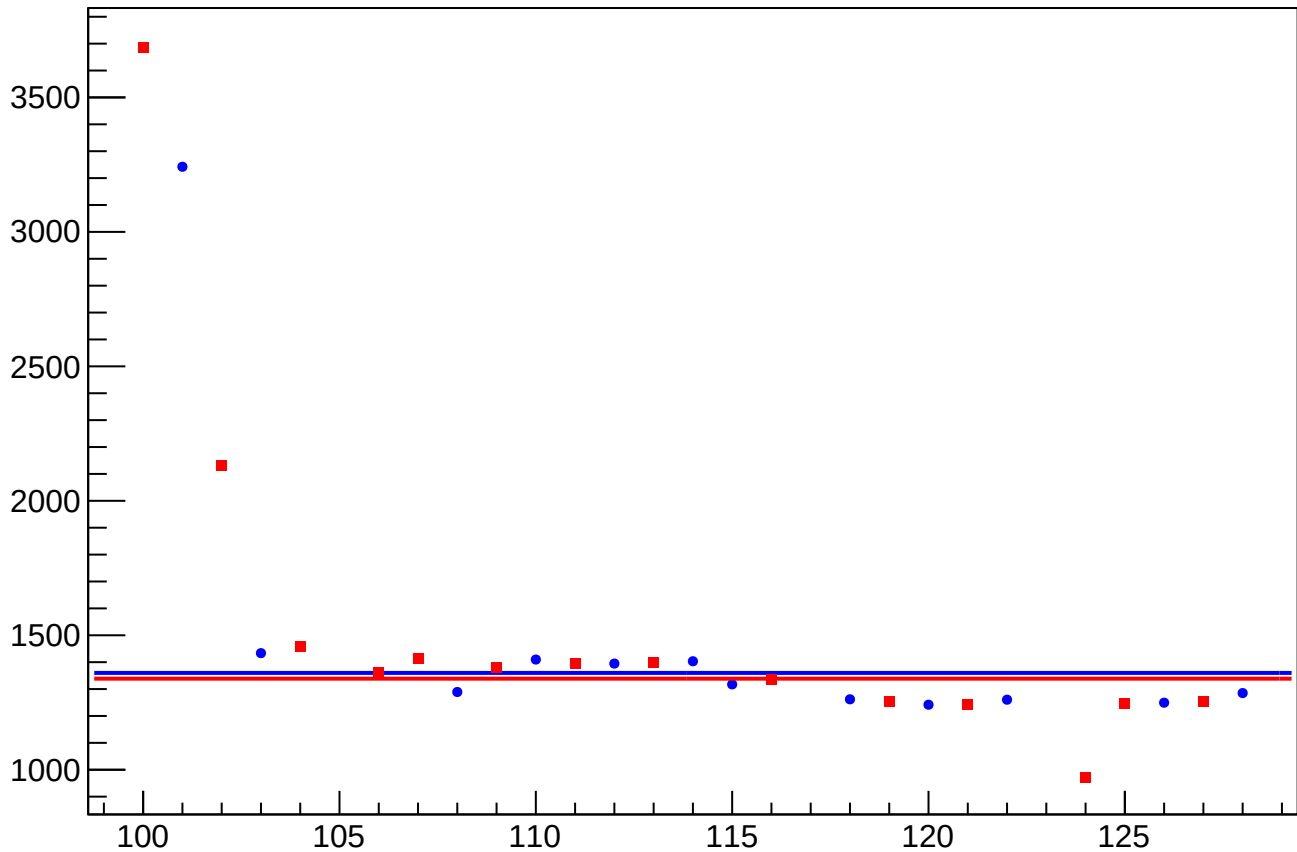
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 47.982 $\pm$ 430.628 χ^2 /NDF: 50.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1360.061 $\pm$ 0.441 χ^2 /NDF: 475129.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

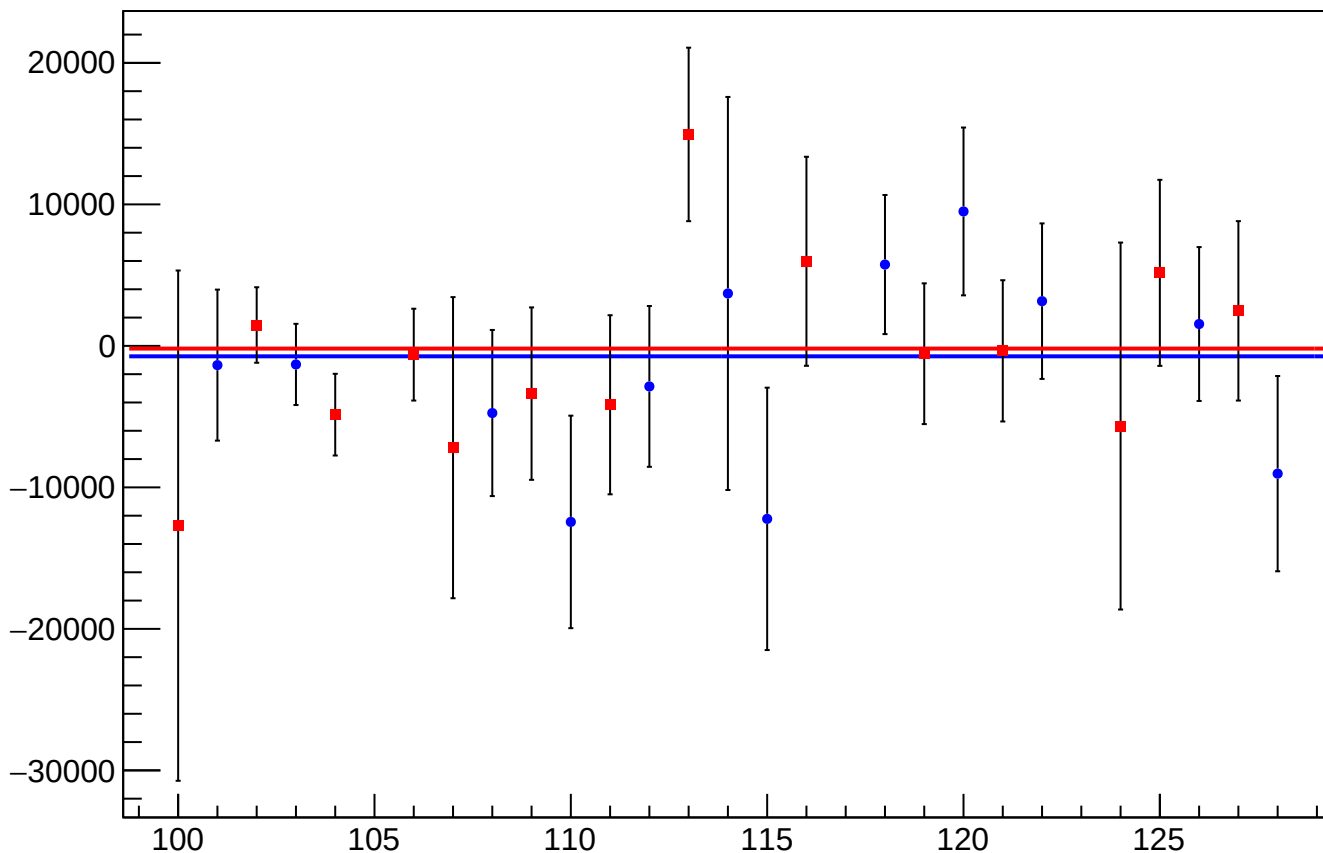
Right Out: 1338.691 $\pm$ 0.420 χ^2 /NDF: 250486.2/13

All: 1348.847 $\pm$ 0.304 χ^2 /NDF: 726845.2/25

- sign 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_dit_correction_mean vs Slug



Right In: -737.587+/-1563.908 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -190.975+/-1292.327 χ^2/NDF : 12.4/13

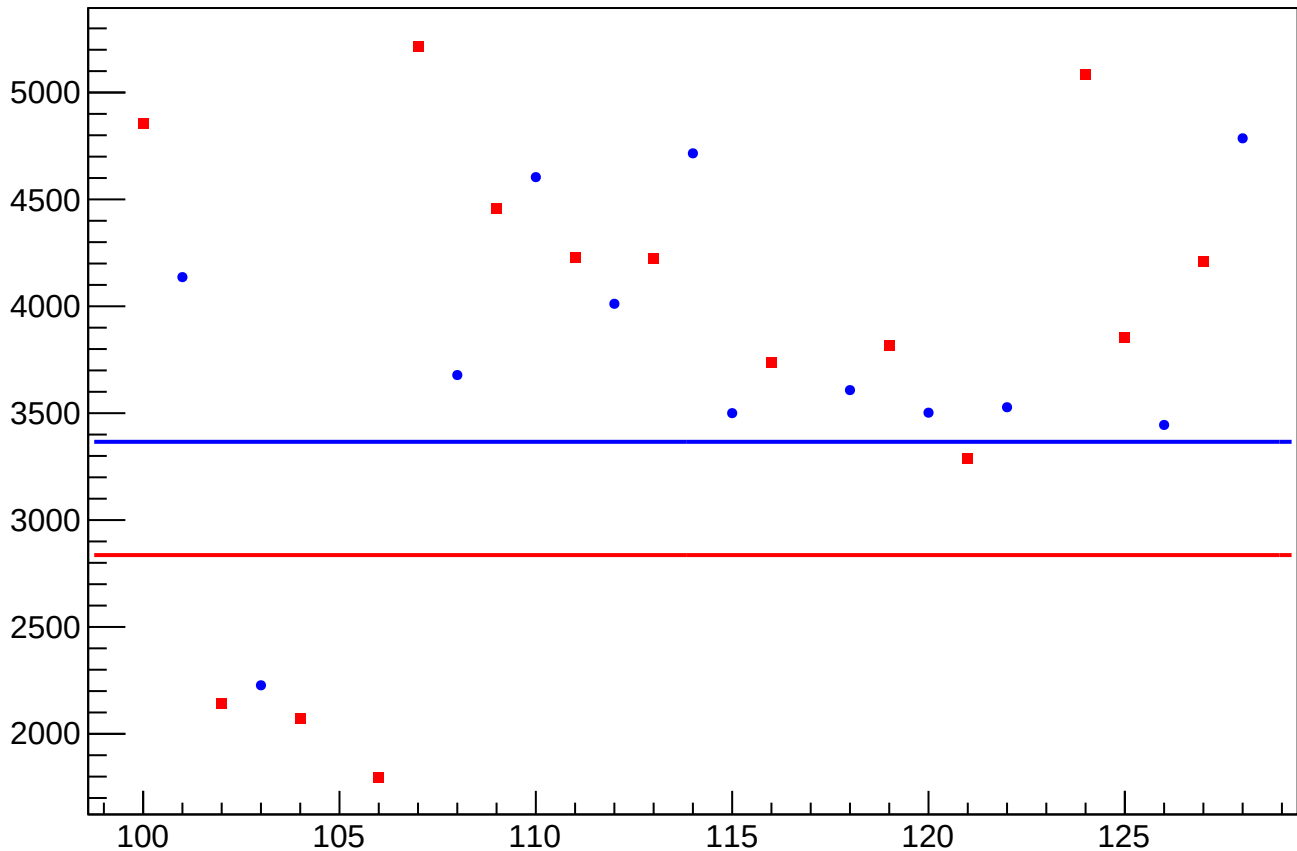
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -412.772+/-996.209 χ^2/NDF : 24.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_dit_correction_rms vs Slug



Right In: 3366.097+/-1.106 χ^2/NDF : 554655.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

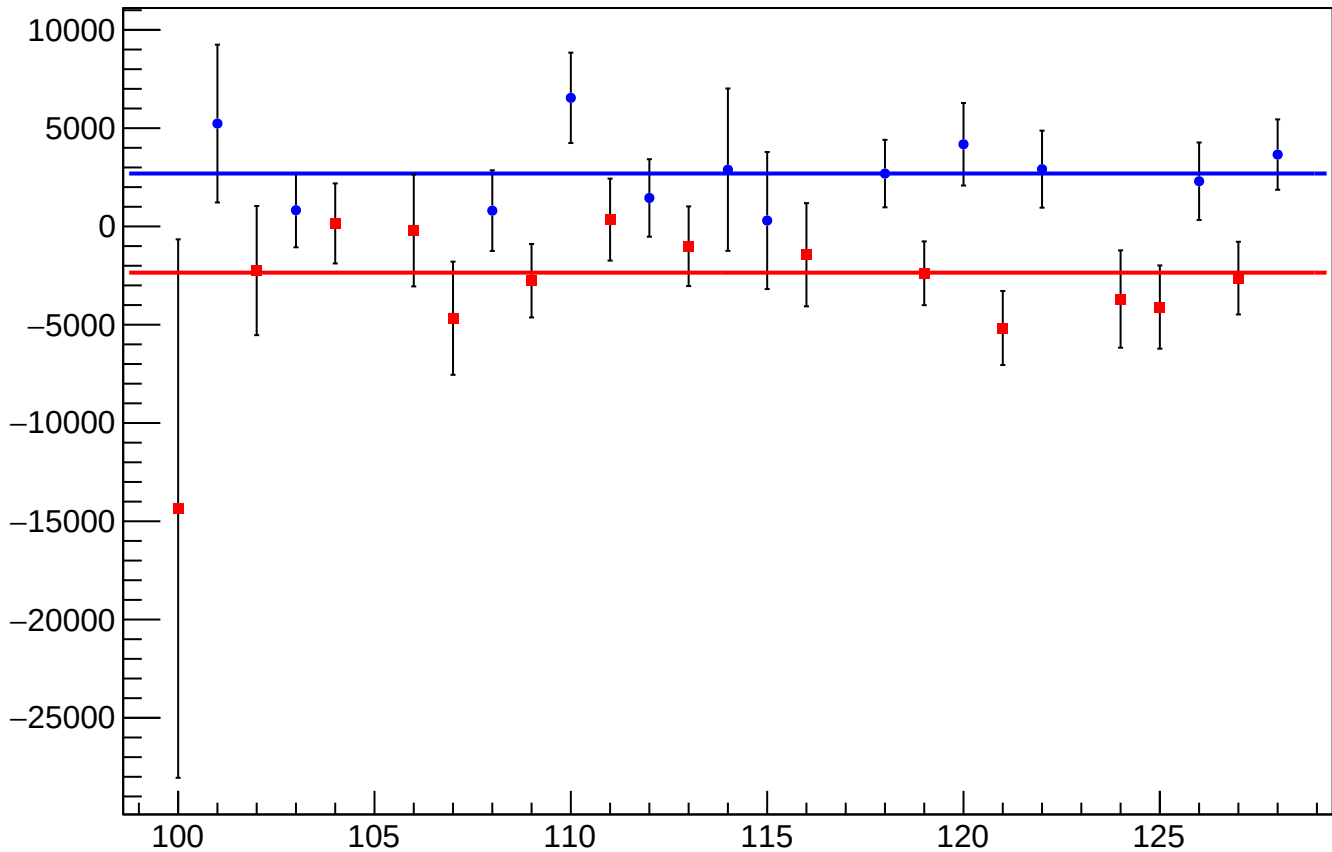
Right Out: 2836.226+/-0.914 χ^2/NDF : 1272024.8/13

All: 3051.231+/-0.704 χ^2/NDF : 1963108.2/25

- 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: 2692.418 $\pm$ 624.371 χ^2 /NDF: 6.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2351.178 $\pm$ 594.711 χ^2 /NDF: 9.0/13

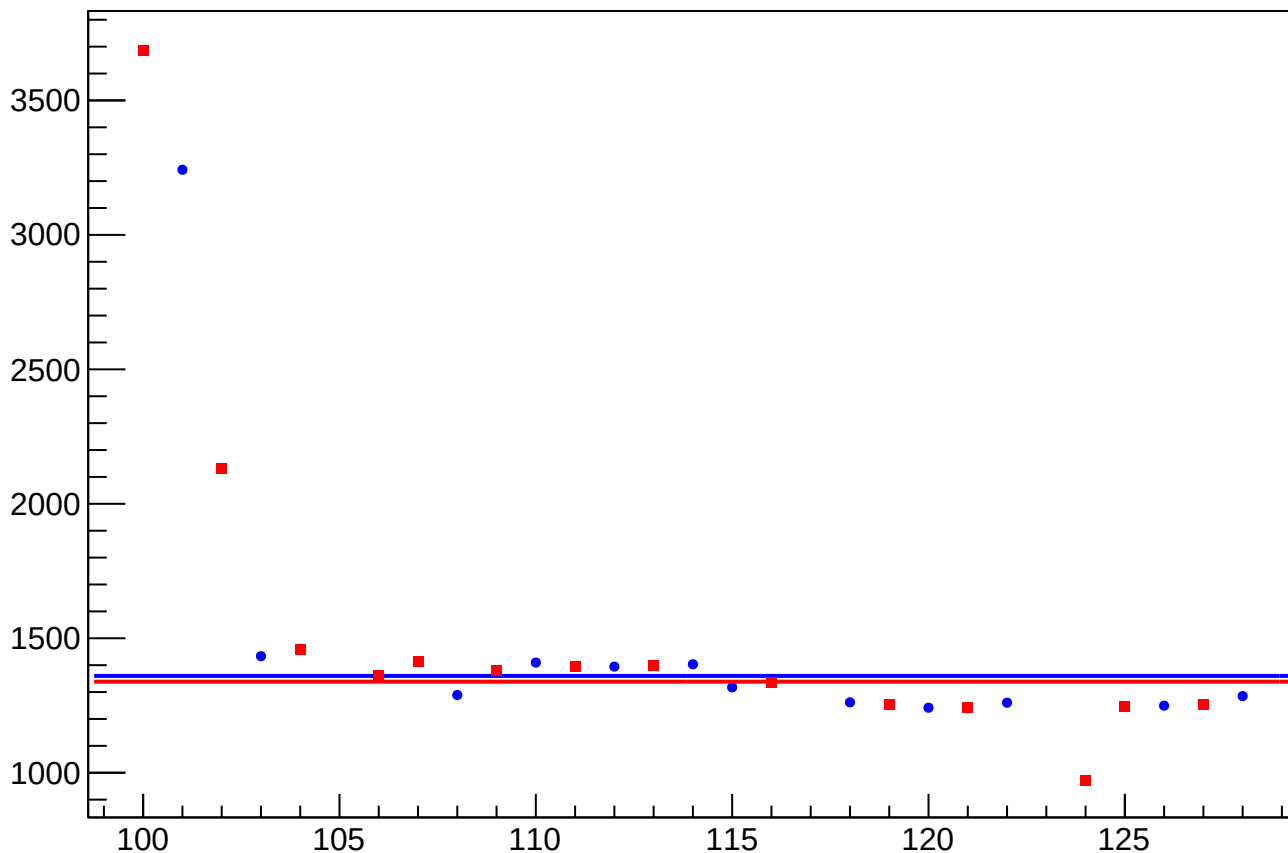
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 47.980 $\pm$ 430.628 χ^2 /NDF: 50.0/25

- 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: 1360.061+/-0.441 χ^2/NDF : 475129.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1338.690+/-0.420 χ^2/NDF : 250485.3/13

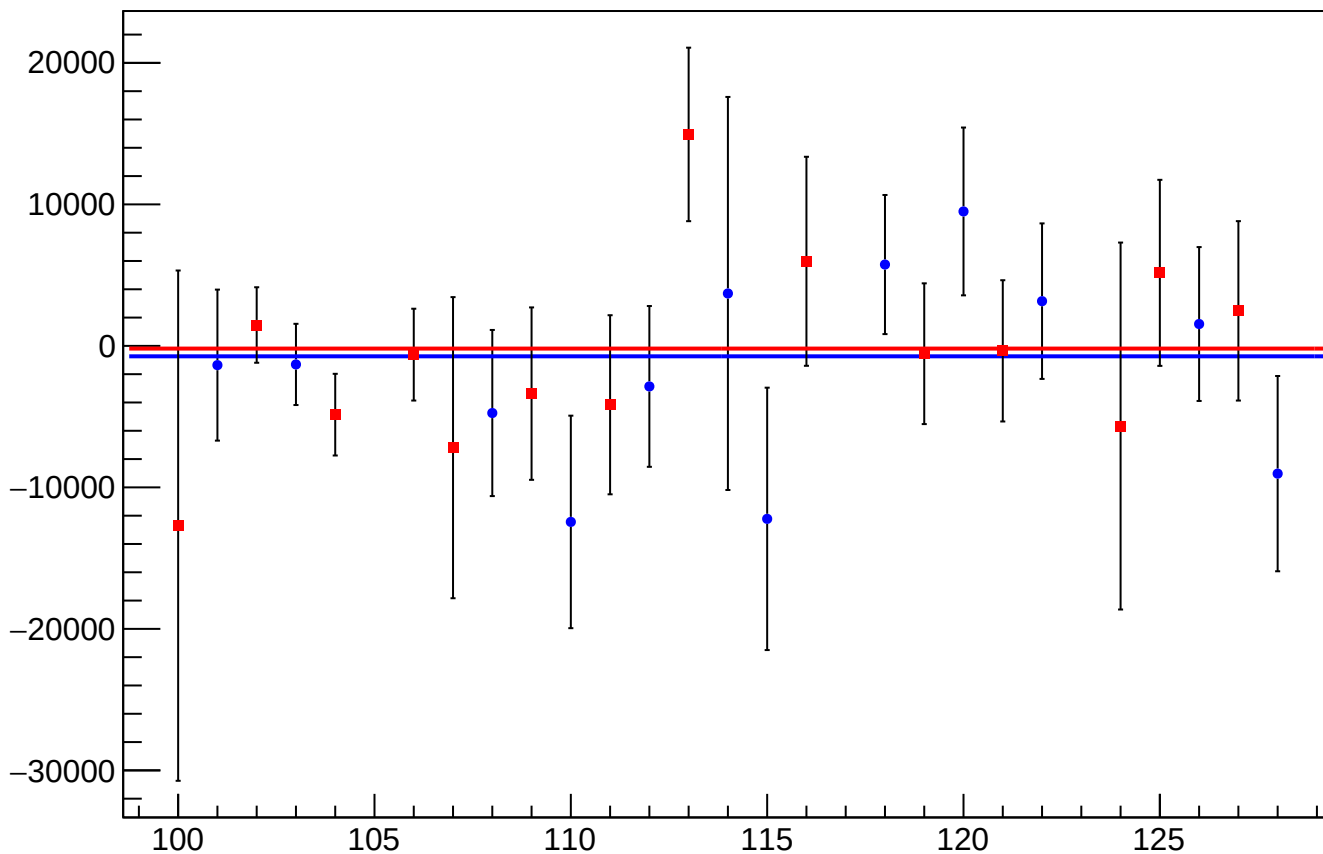
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1348.847+/-0.304 χ^2/NDF : 726844.4/25

- 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: -737.581+/-1563.904 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -190.976+/-1292.323 χ^2/NDF : 12.4/13

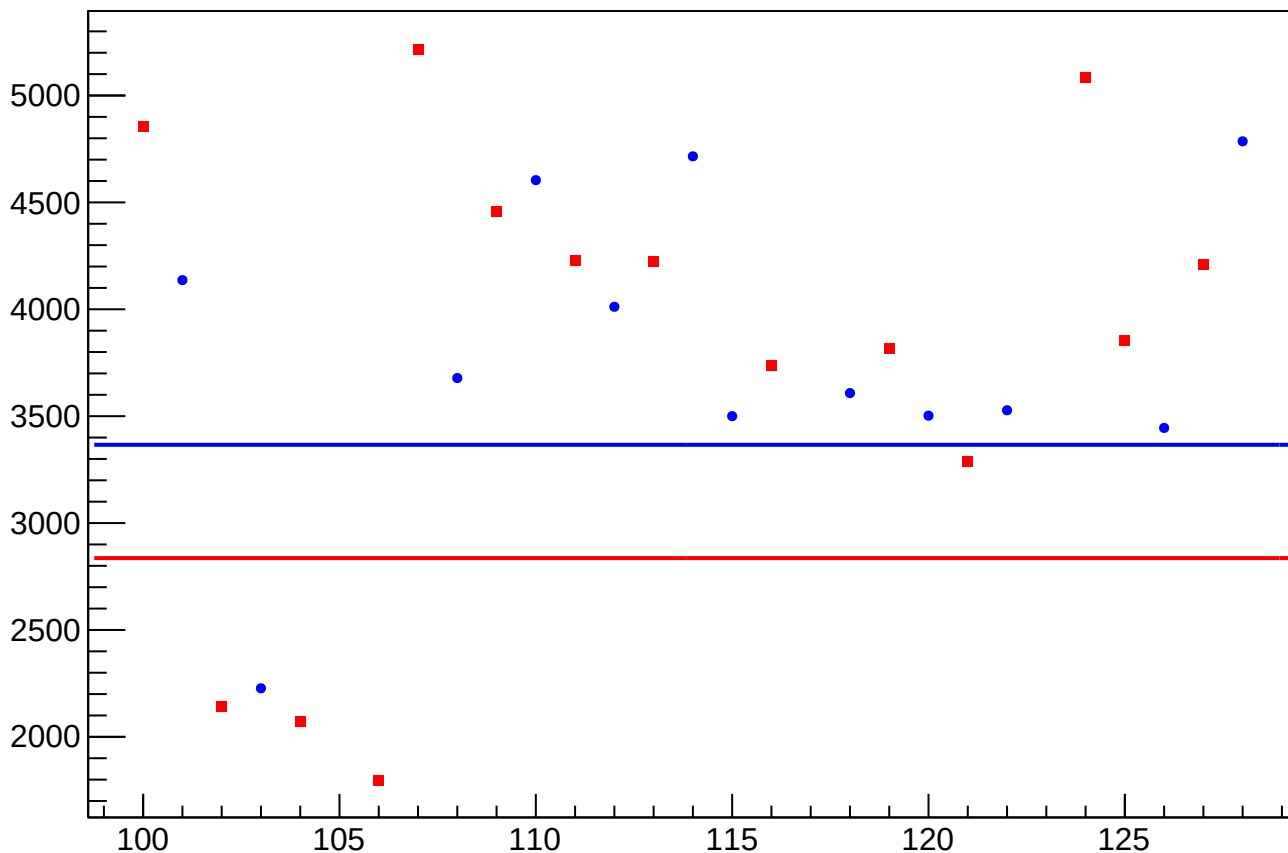
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -412.771+/-996.206 χ^2/NDF : 24.1/25

- 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: 3366.088+/-1.106 χ^2/NDF : 554653.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

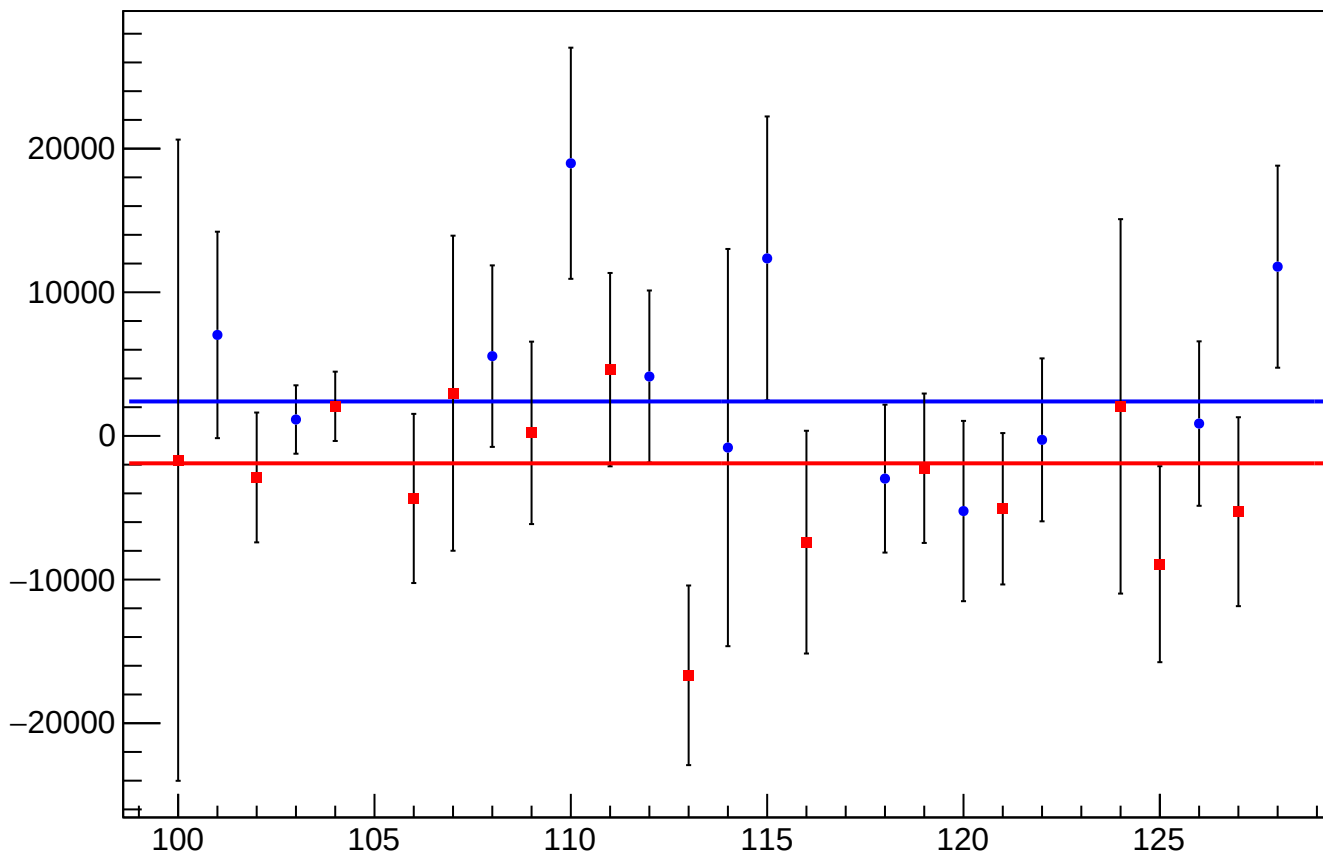
Right Out: 2836.218+/-0.914 χ^2/NDF : 1272025.1/13

All: 3051.222+/-0.704 χ^2/NDF : 1963106.9/25

- 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: 2400.149+/-1534.848 χ^2/NDF : 11.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1907.496+/-1454.824 χ^2/NDF : 12.0/13

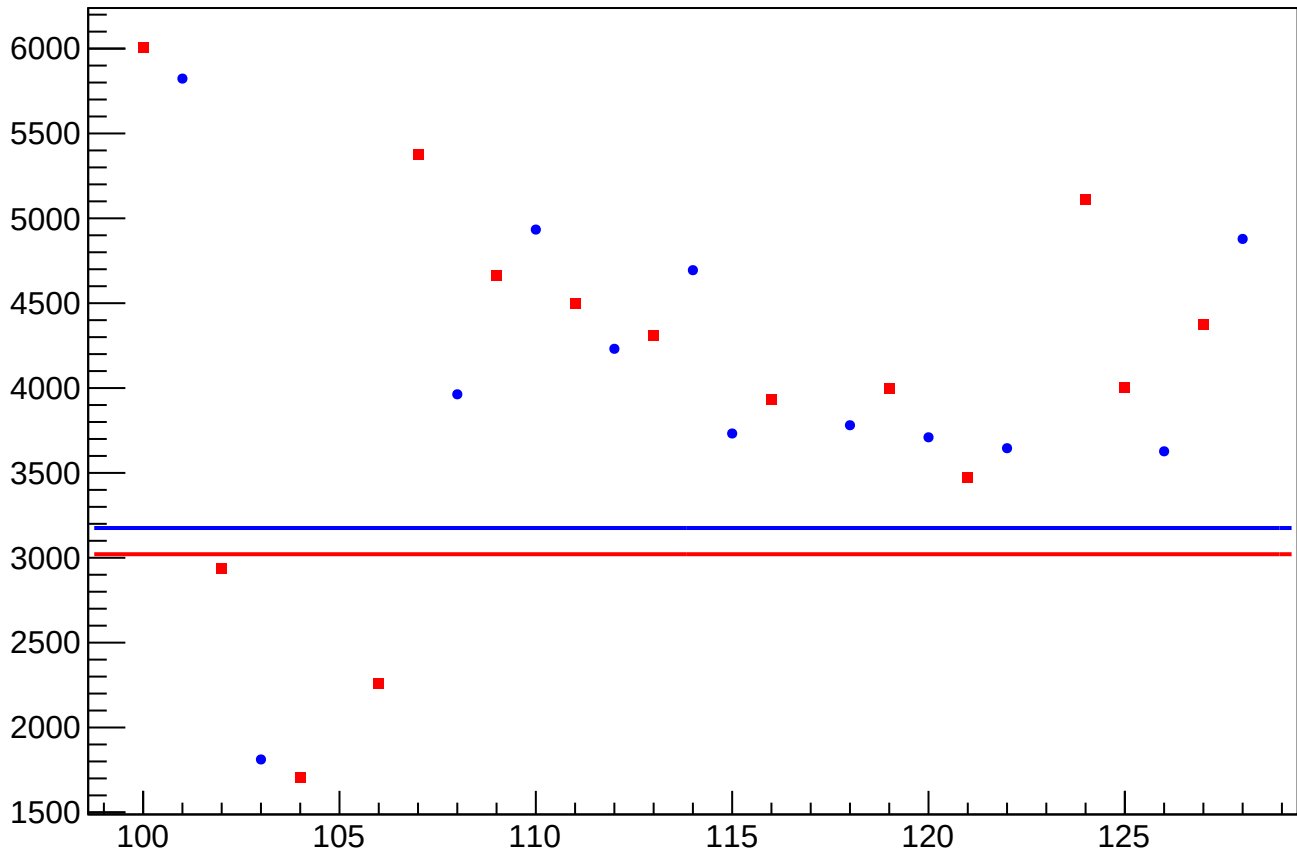
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.108+/-1055.873 χ^2/NDF : 27.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 3175.381+/-1.085 χ^2/NDF : 1332337.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

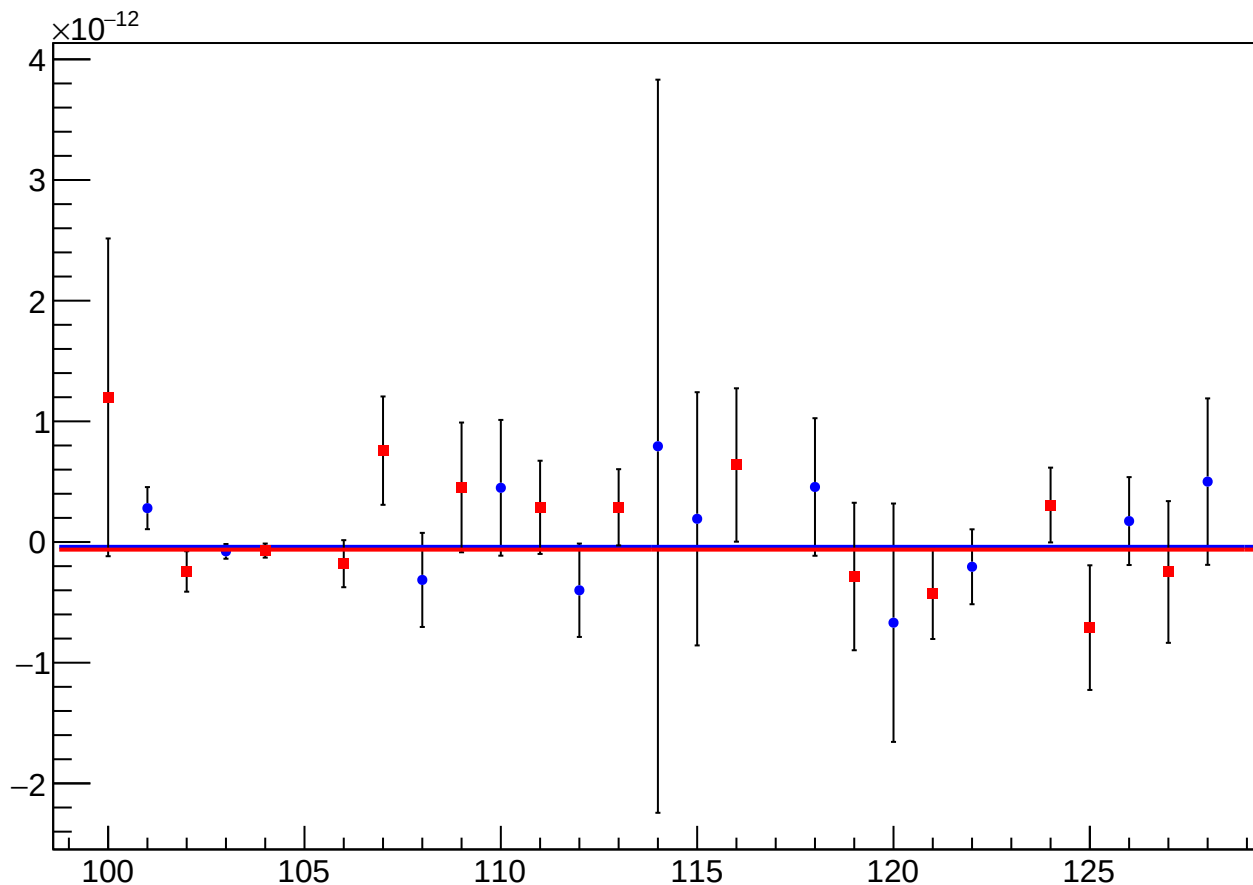
Right Out: 3020.966+/-1.012 χ^2/NDF : 1380481.7/13

All: 3092.794+/-0.740 χ^2/NDF : 2723646.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 8.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.2/13

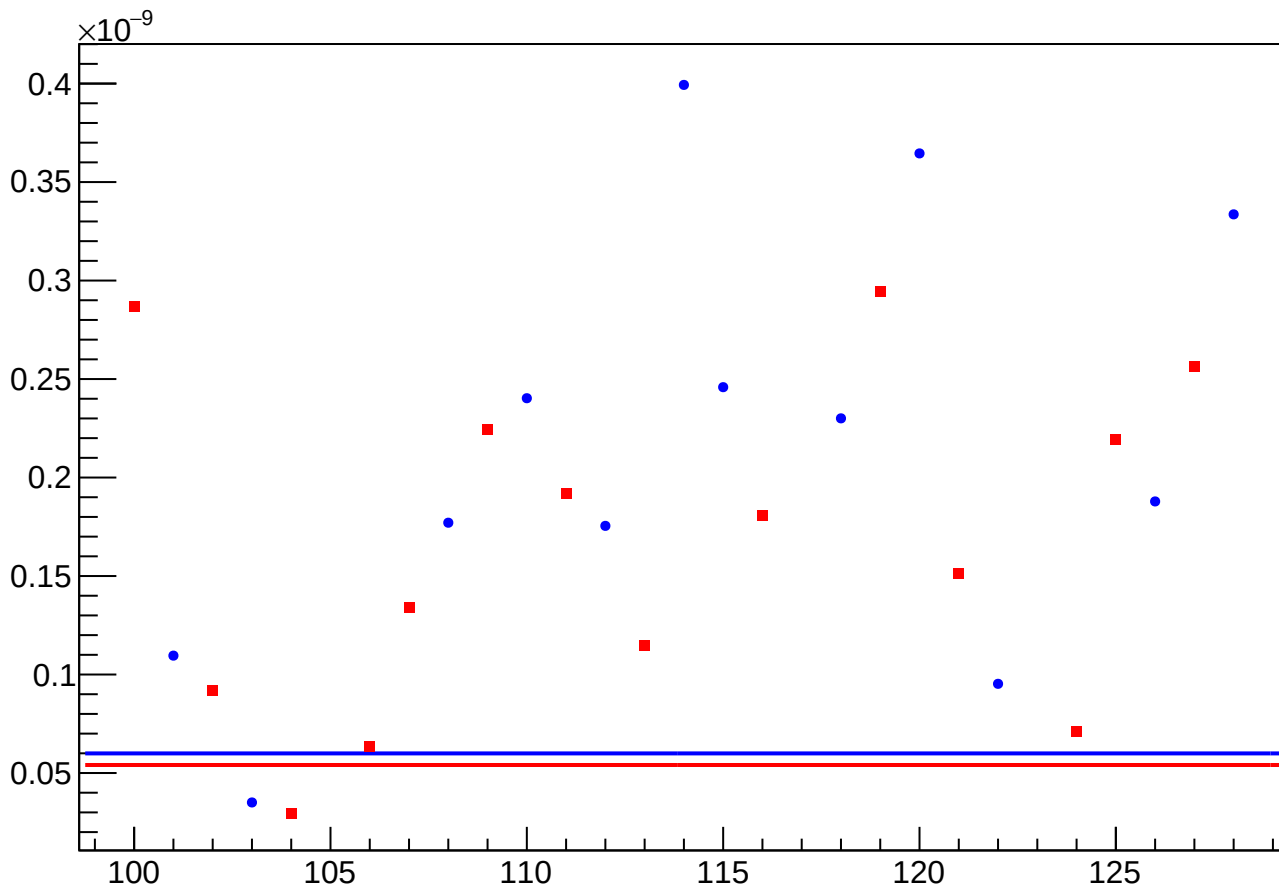
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.7/25

- 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 : 2103278.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2091066.1/13

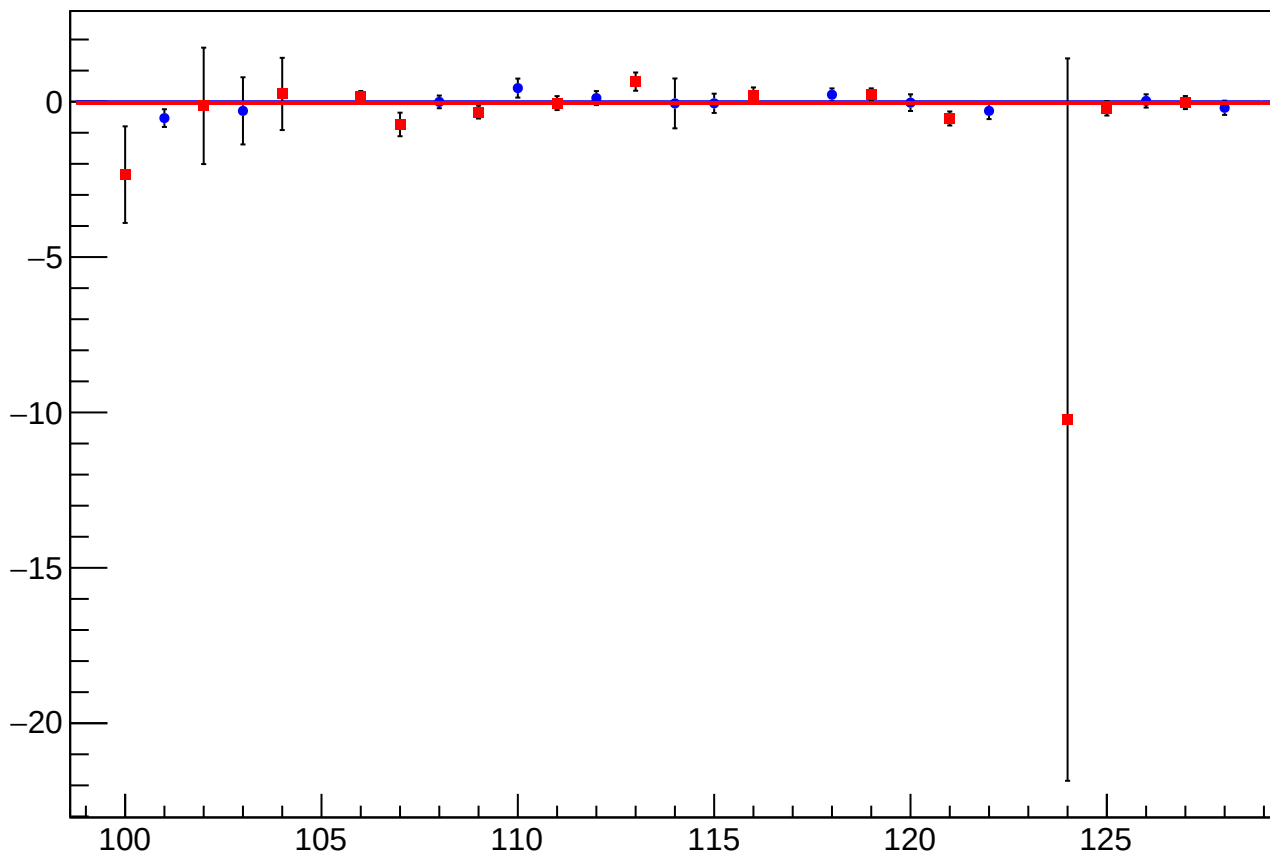
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4207293.7/25

- 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: -0.017 ± 0.076 χ^2/NDF : 9.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.042 ± 0.071 χ^2/NDF : 23.6/13

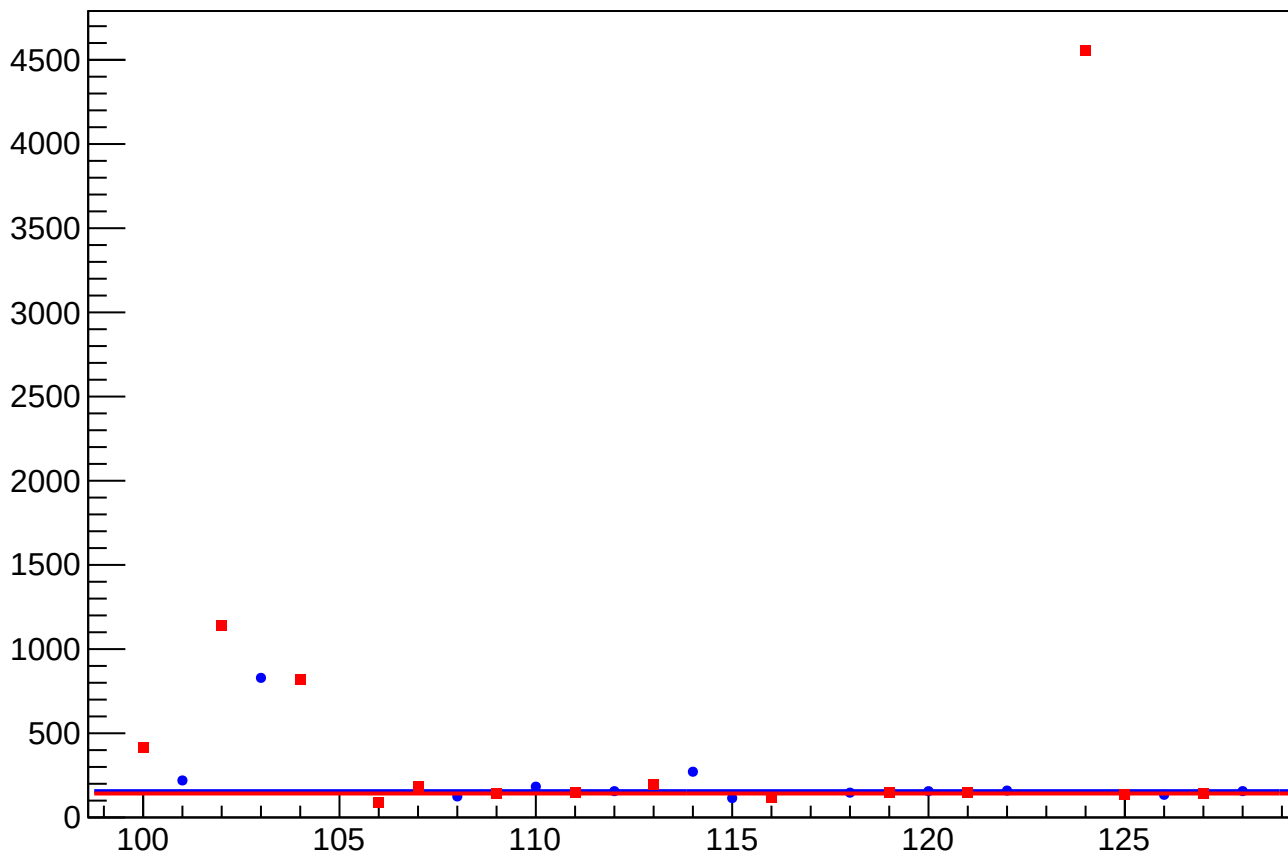
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.030 ± 0.052 χ^2/NDF : 32.7/25

- 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: 156.244+/-0.054 χ^2/NDF : 1039014.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.245+/-0.051 χ^2/NDF : 1873286.7/13

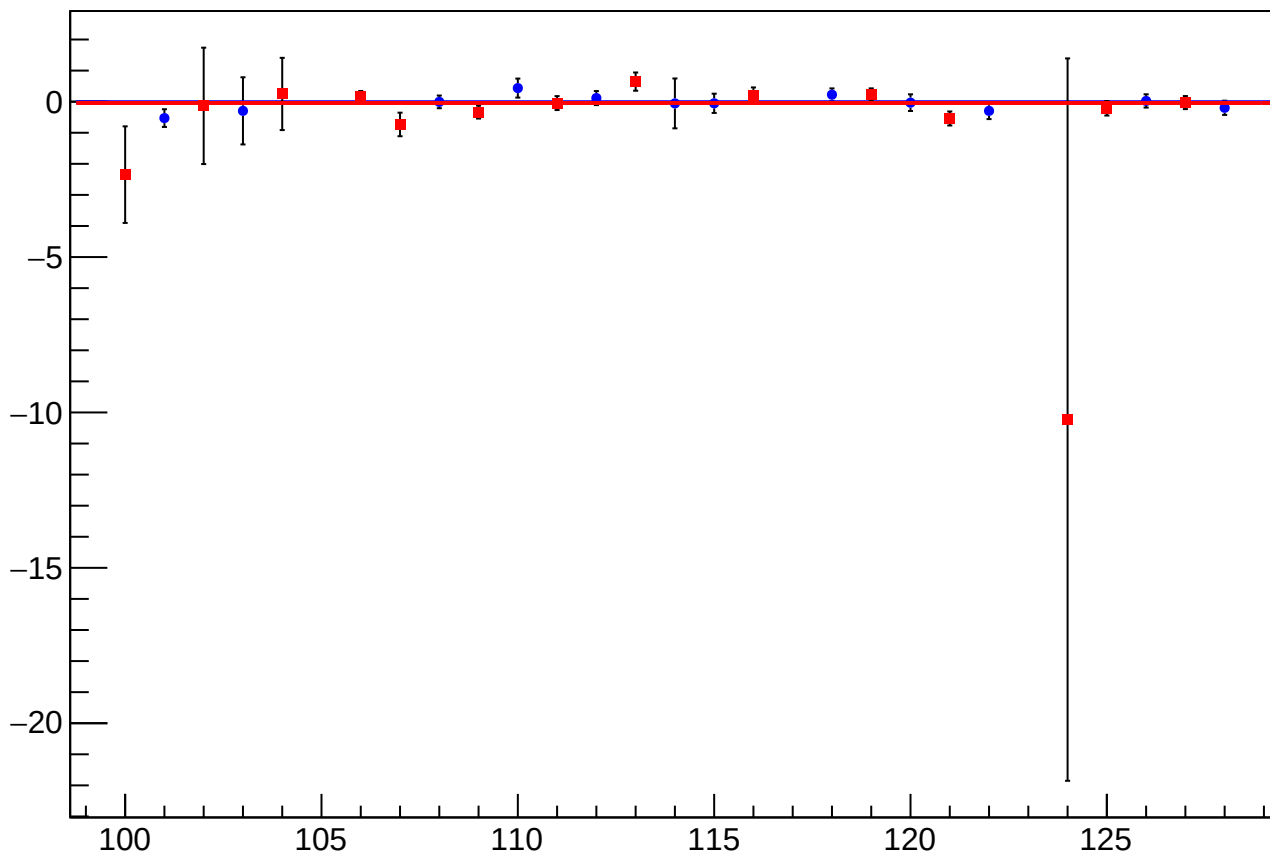
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.813+/-0.037 χ^2/NDF : 2948323.6/25

- 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: -0.017 $\pm$ 0.076 χ^2 /NDF: 9.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.042 $\pm$ 0.071 χ^2 /NDF: 23.6/13

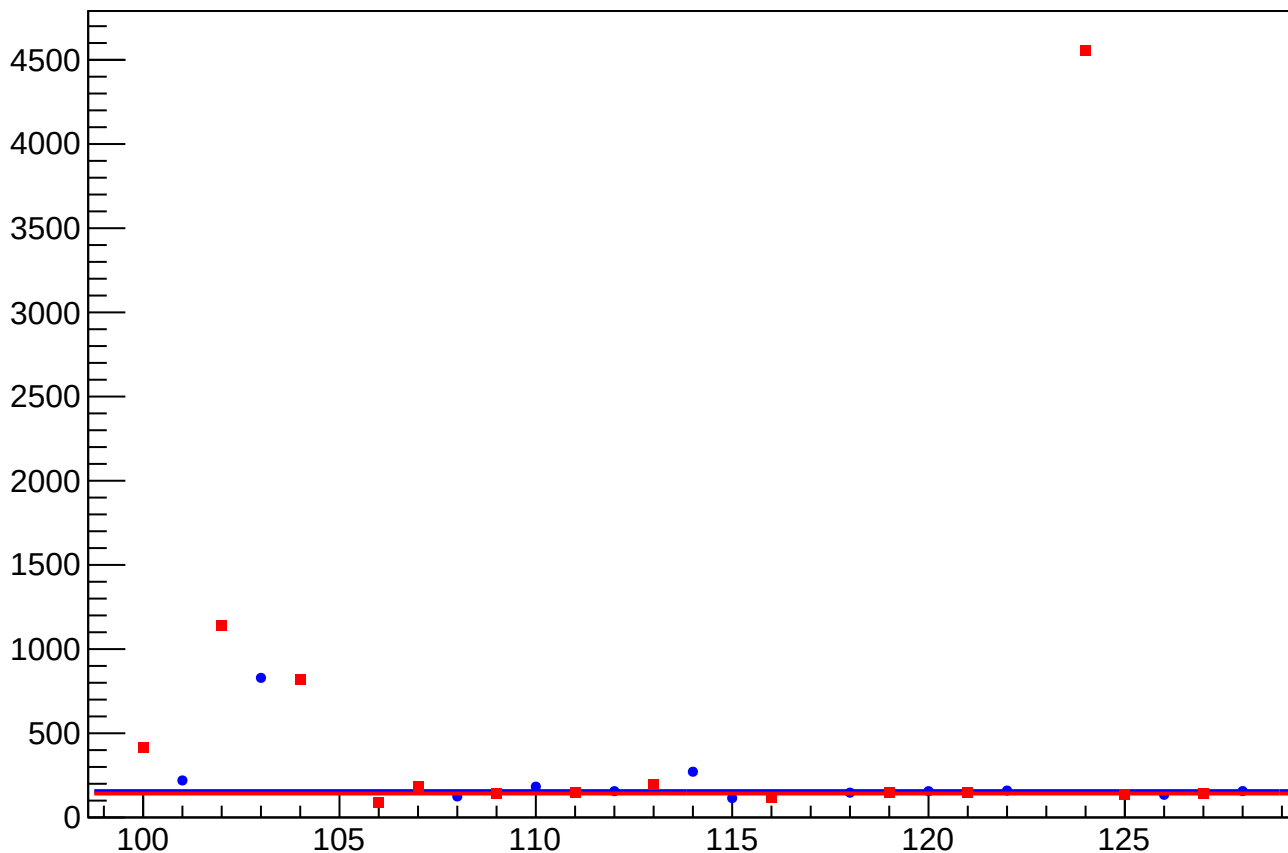
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.030 $\pm$ 0.052 χ^2 /NDF: 32.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 156.244+/-0.054 χ^2/NDF : 1039014.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.245+/-0.051 χ^2/NDF : 1873286.7/13

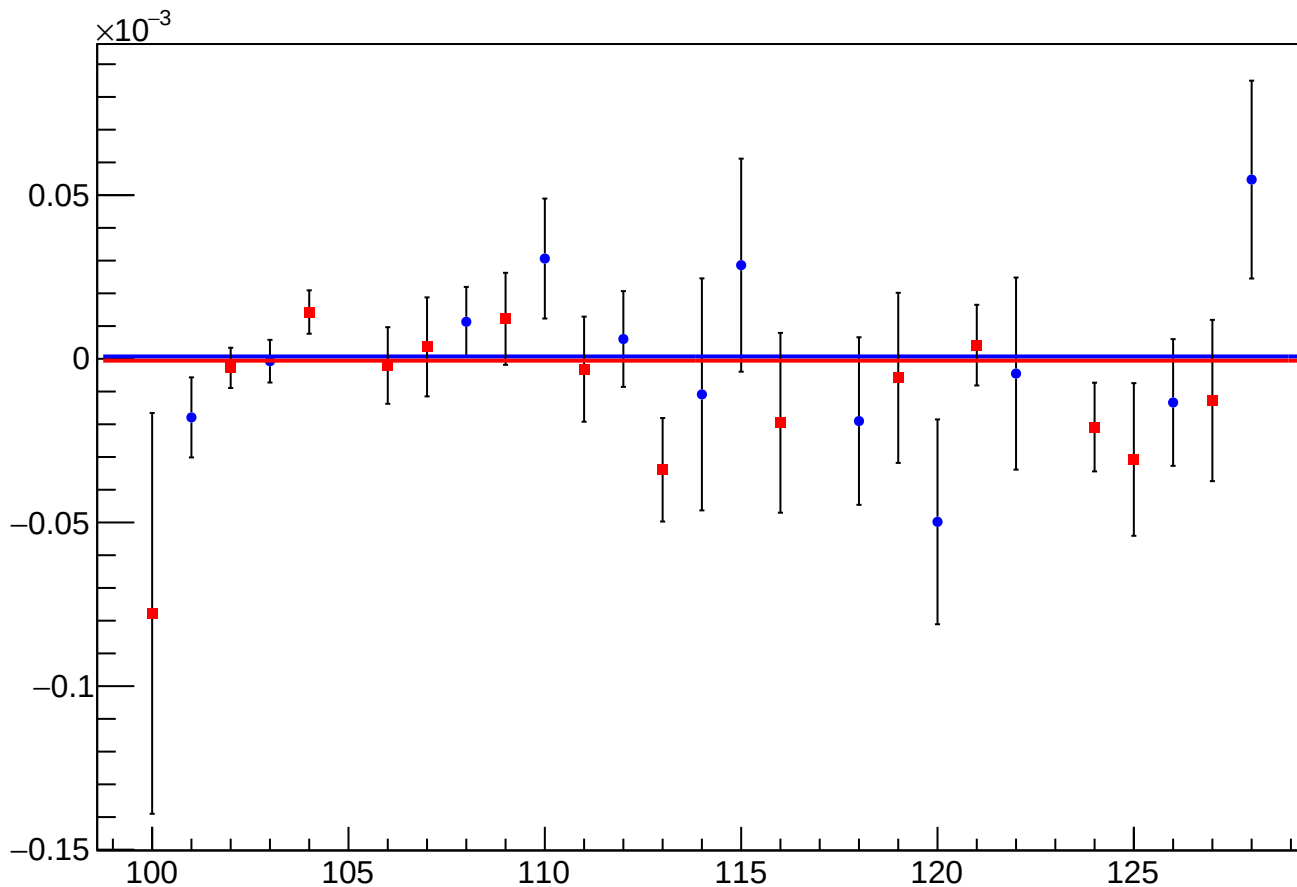
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.813+/-0.037 χ^2/NDF : 2948323.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 17.0/13

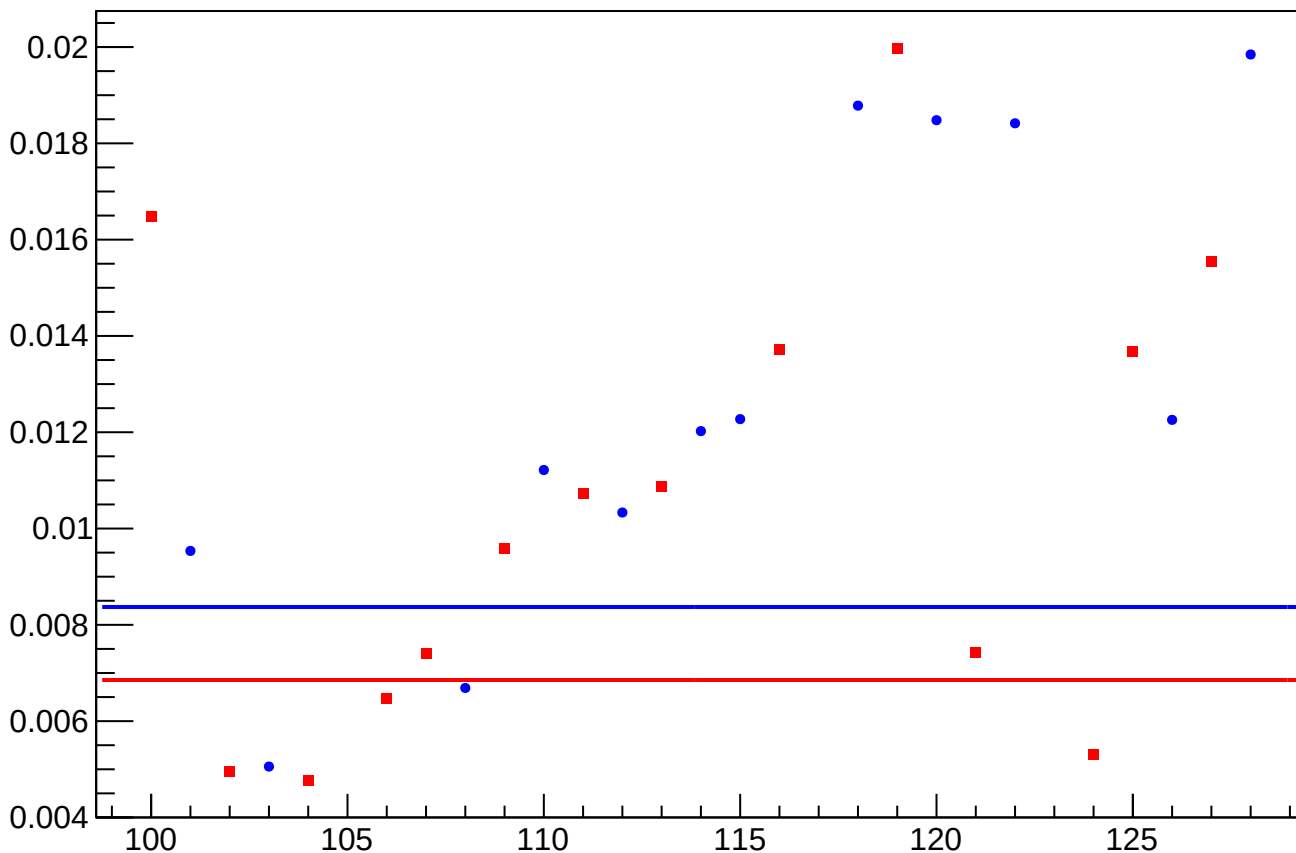
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 31.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 1862443.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 1851682.8/13

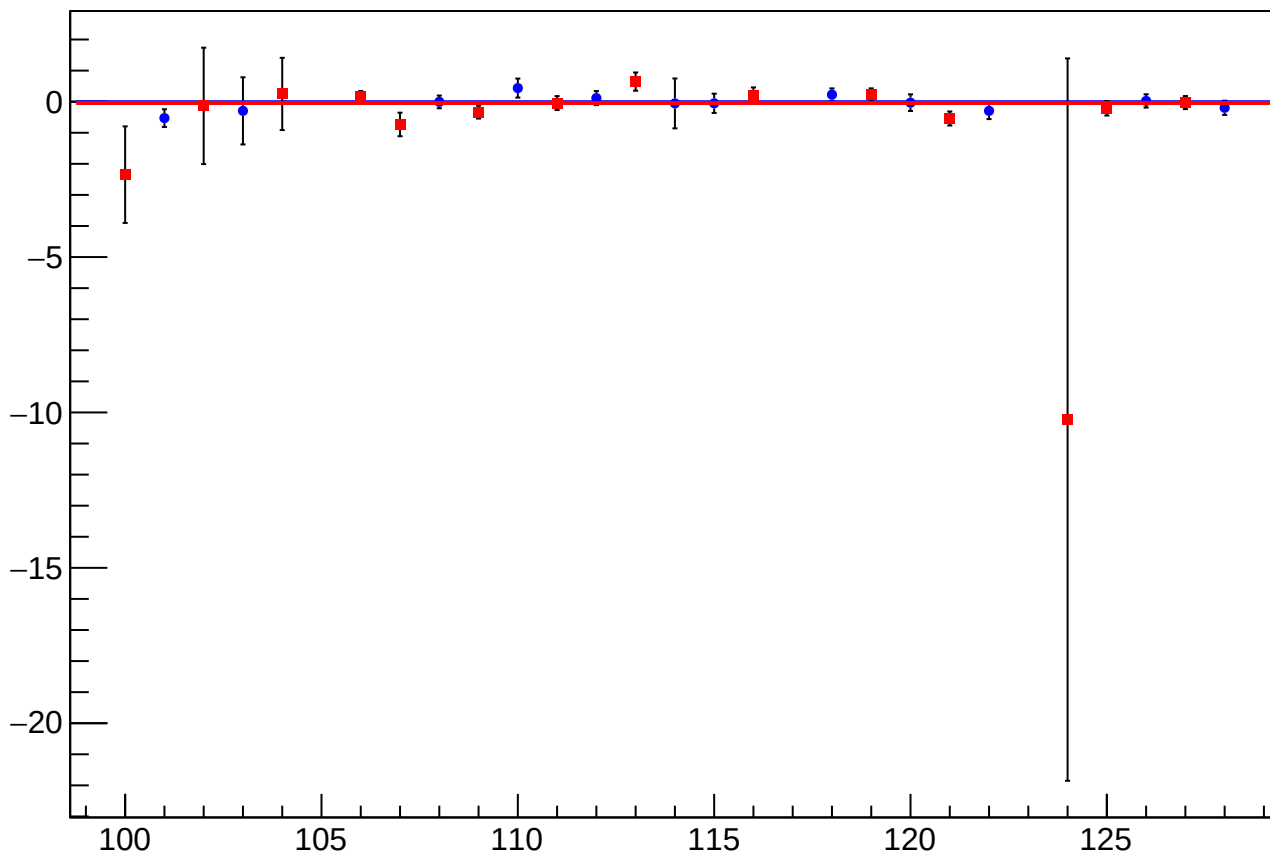
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 3874322.5/25

- 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: -0.017 $\pm$ 0.076 χ^2 /NDF: 9.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.042 $\pm$ 0.071 χ^2 /NDF: 23.6/13

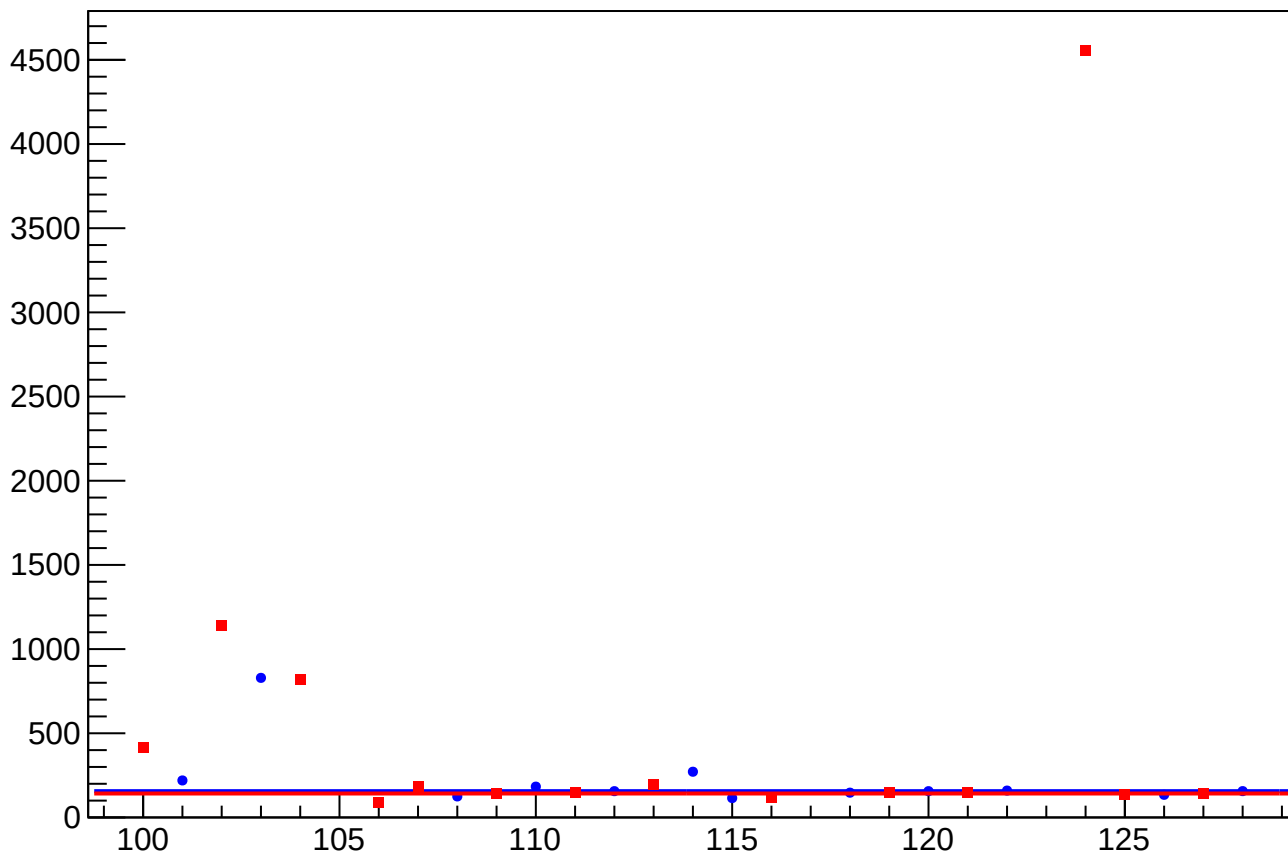
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.030 $\pm$ 0.052 χ^2 /NDF: 32.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 156.243+/-0.054 χ^2/NDF : 1039007.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.244+/-0.051 χ^2/NDF : 1873291.6/13

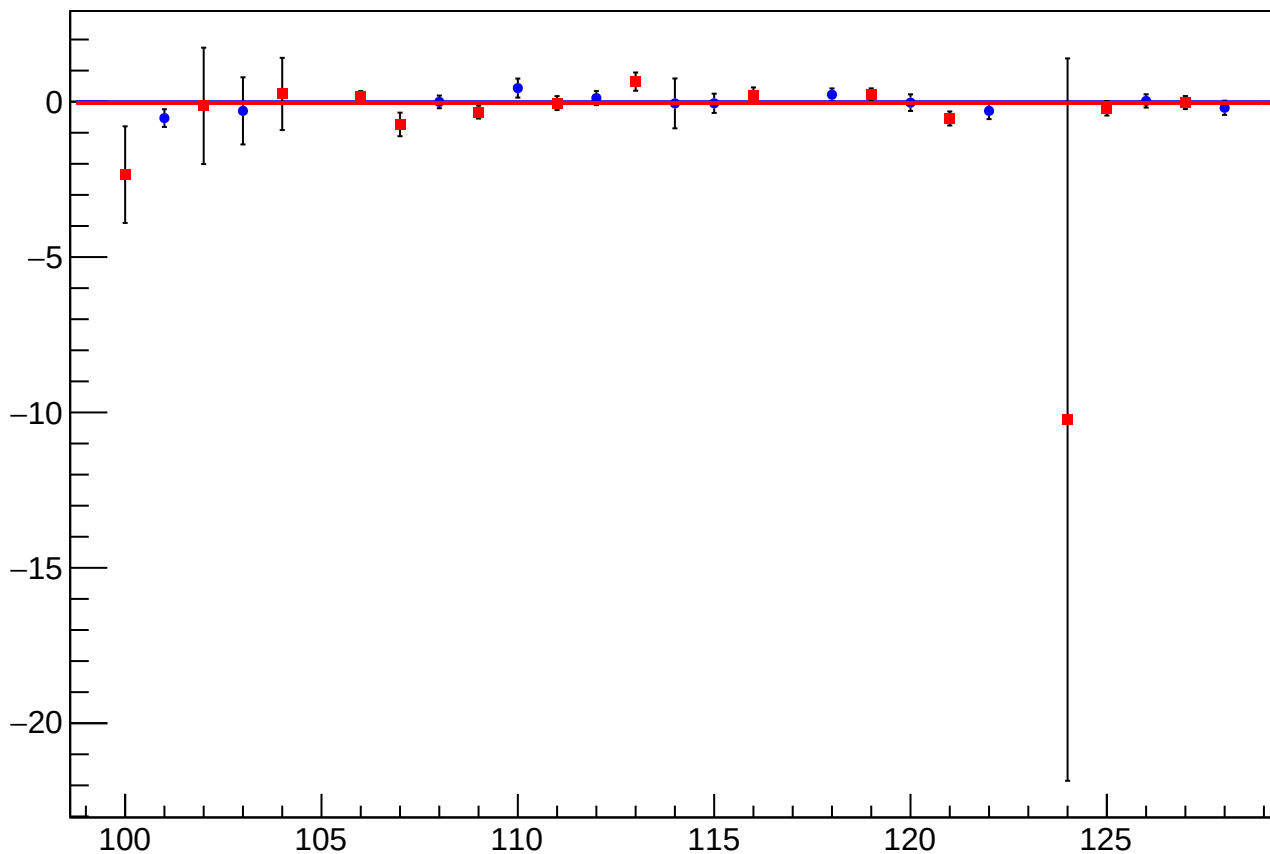
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.813+/-0.037 χ^2/NDF : 2948322.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.017 ± 0.076 χ^2/NDF : 9.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.042 ± 0.071 χ^2/NDF : 23.6/13

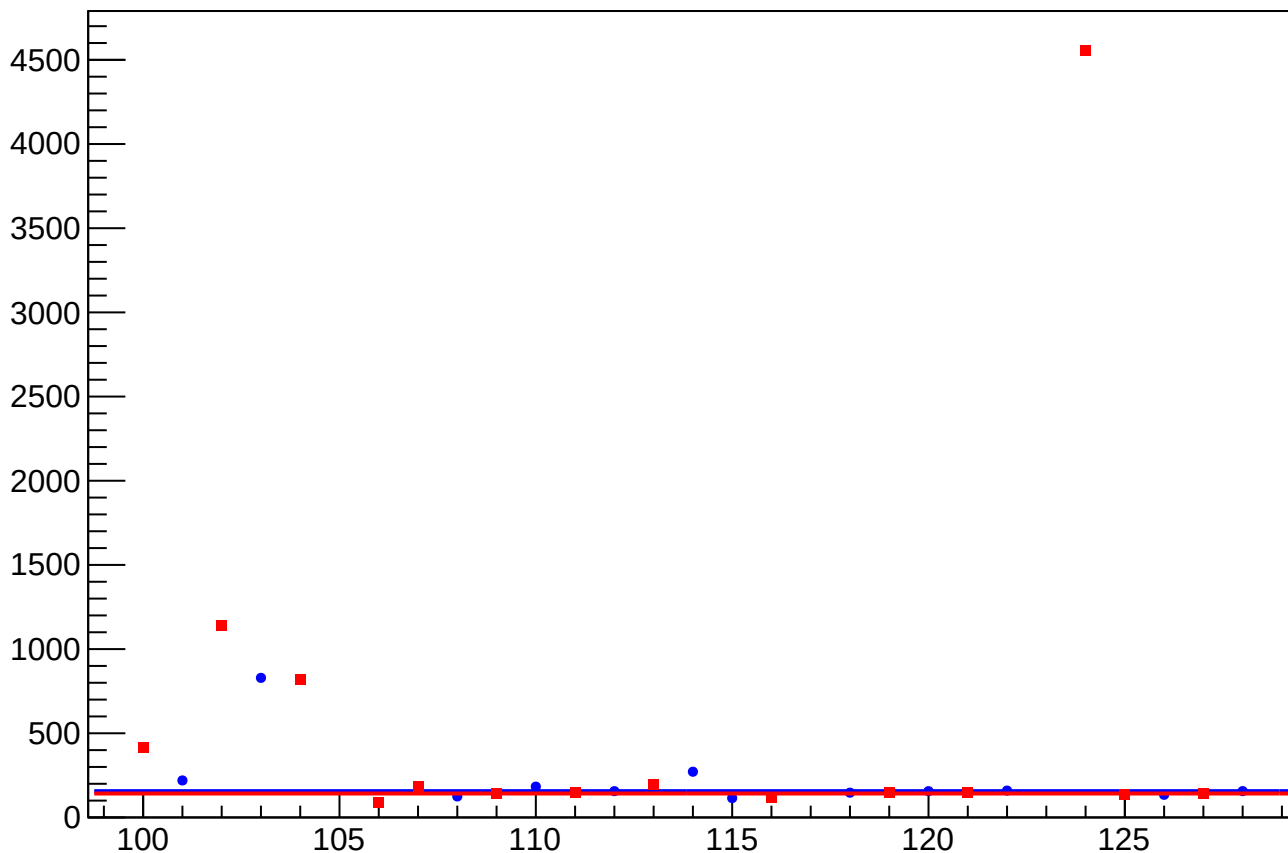
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.030 ± 0.052 χ^2/NDF : 32.7/25

- 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: 156.243+/-0.054 χ^2/NDF : 1039007.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.244+/-0.051 χ^2/NDF : 1873291.6/13

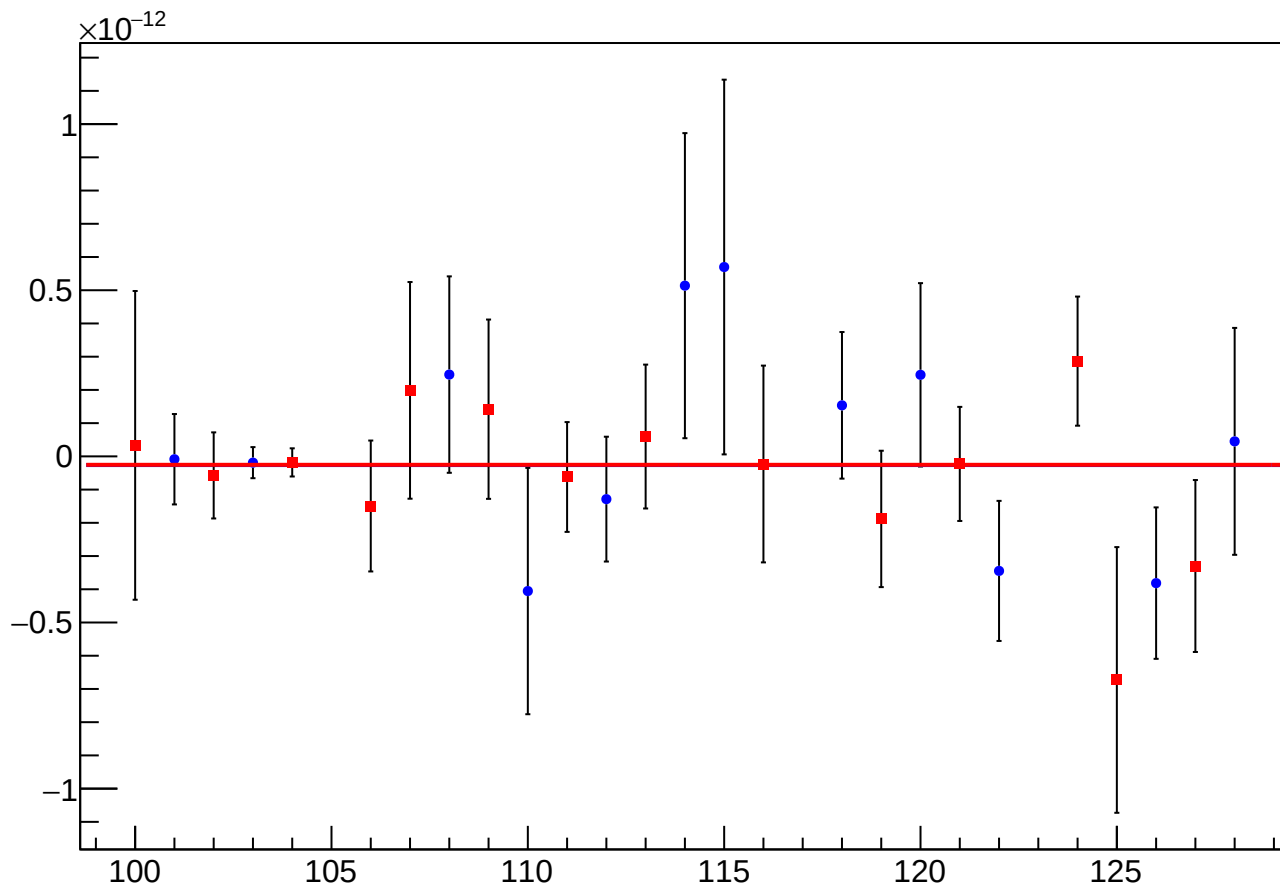
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.813+/-0.037 χ^2/NDF : 2948322.5/25

- 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: 11.1/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 8.8/13

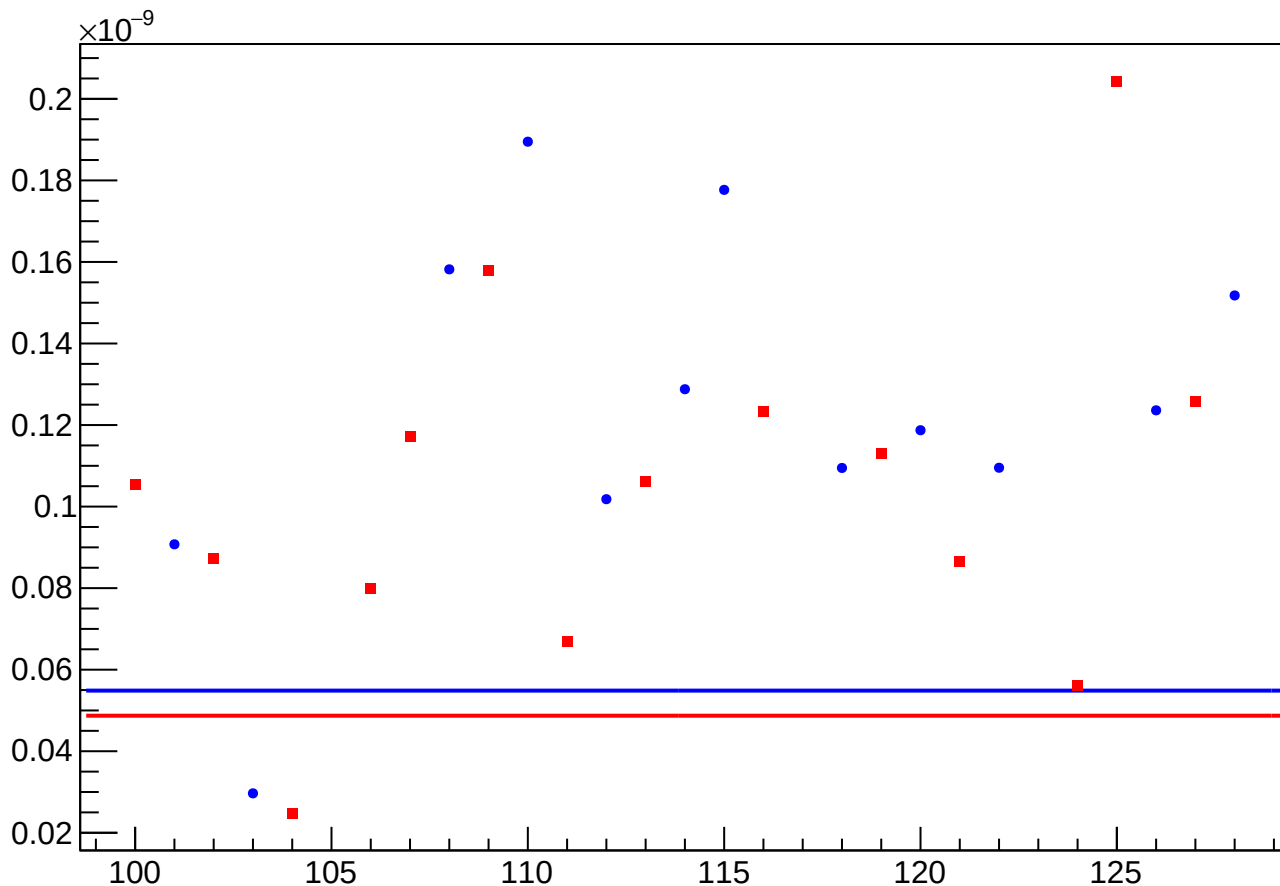
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 19.9/25

- 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 : 2206464.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2381697.4/13

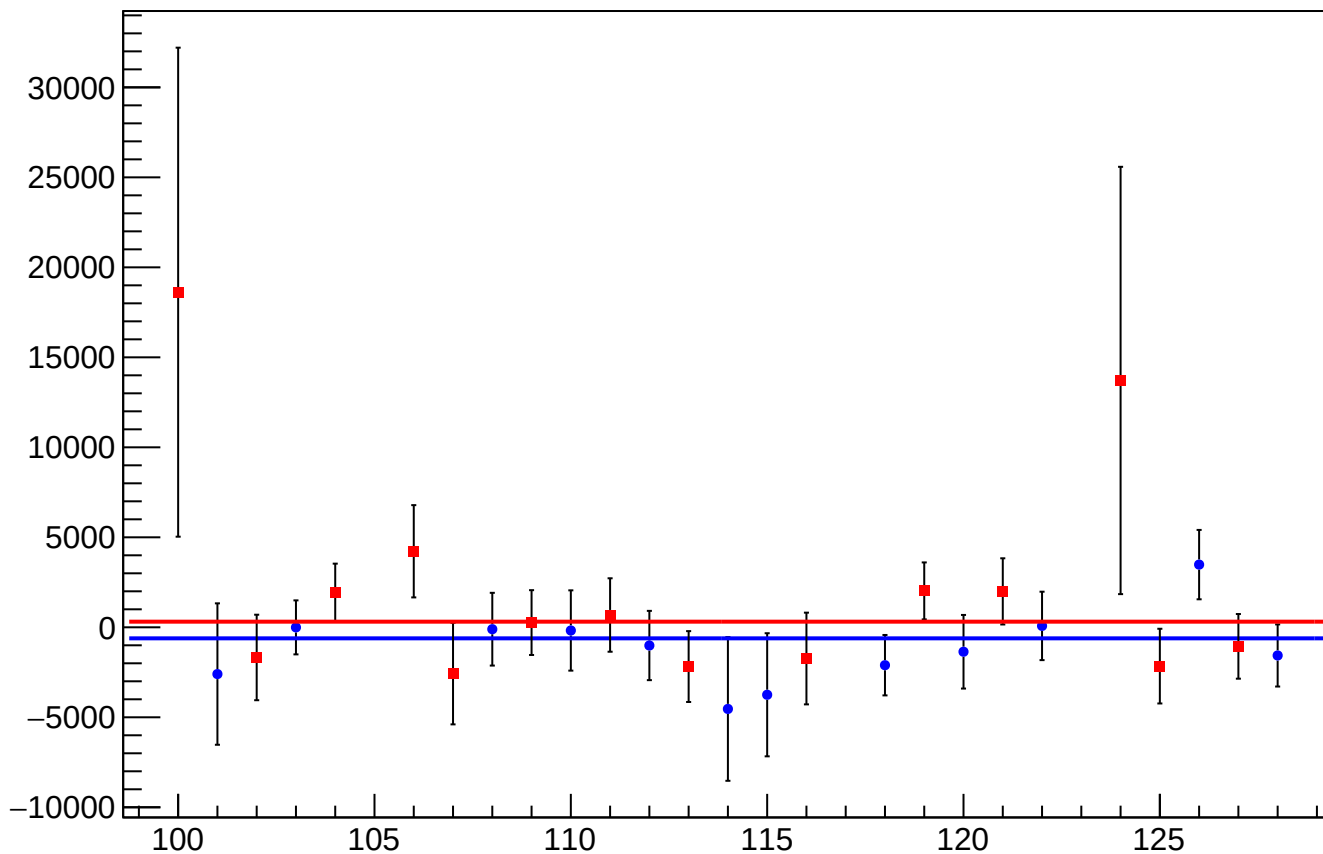
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4615968.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -613.443 ± 592.466 χ^2/NDF : 8.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 312.996 ± 572.280 χ^2/NDF : 14.5/13

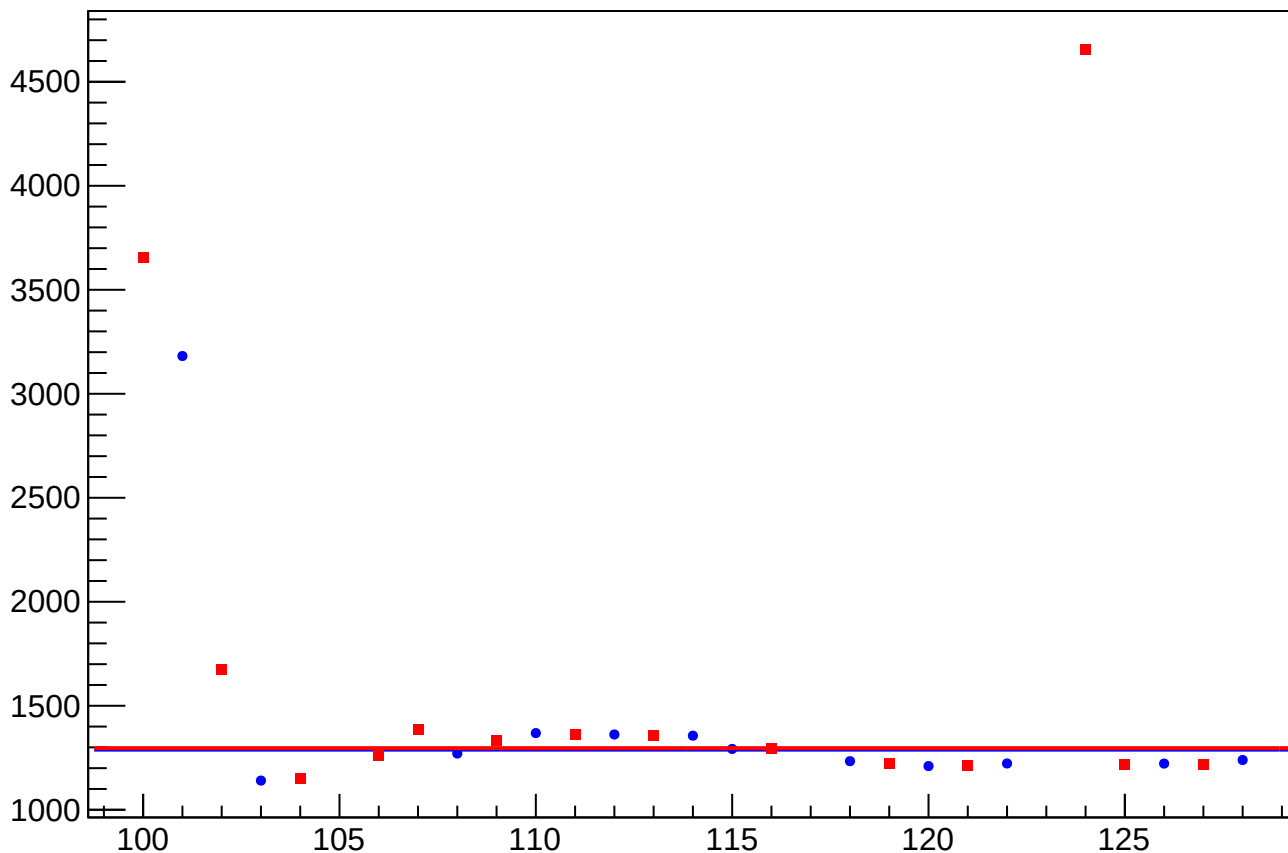
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -134.171 ± 411.614 χ^2/NDF : 24.0/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1289.215+/-0.419 χ^2/NDF : 501607.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1296.241+/-0.405 χ^2/NDF : 311066.7/13

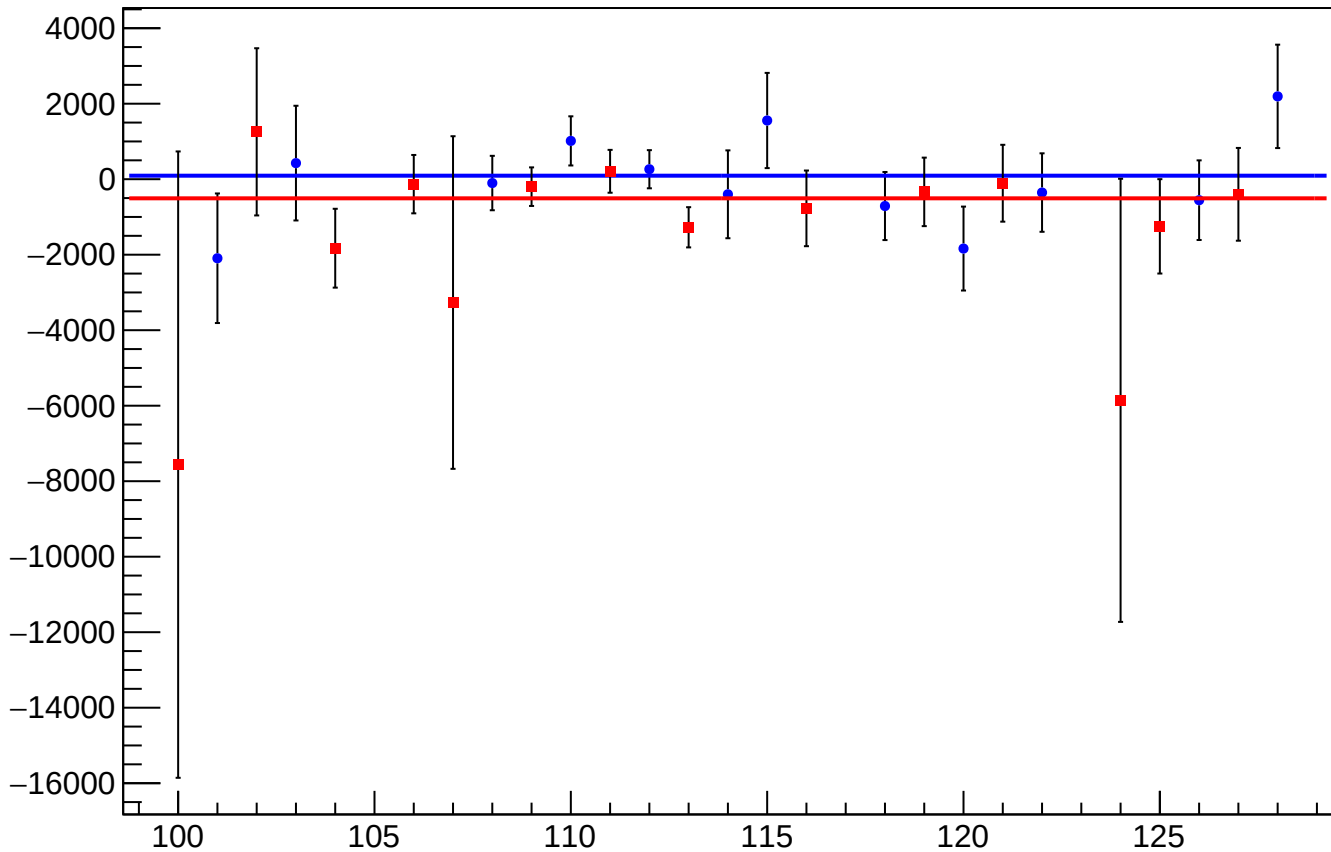
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1292.850+/-0.291 χ^2/NDF : 812819.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_reg_correction_mean vs Slug



Right In: 92.983+/-260.504 χ^2 /NDF: 12.1/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -506.645+/-236.858 χ^2 /NDF: 9.1/13

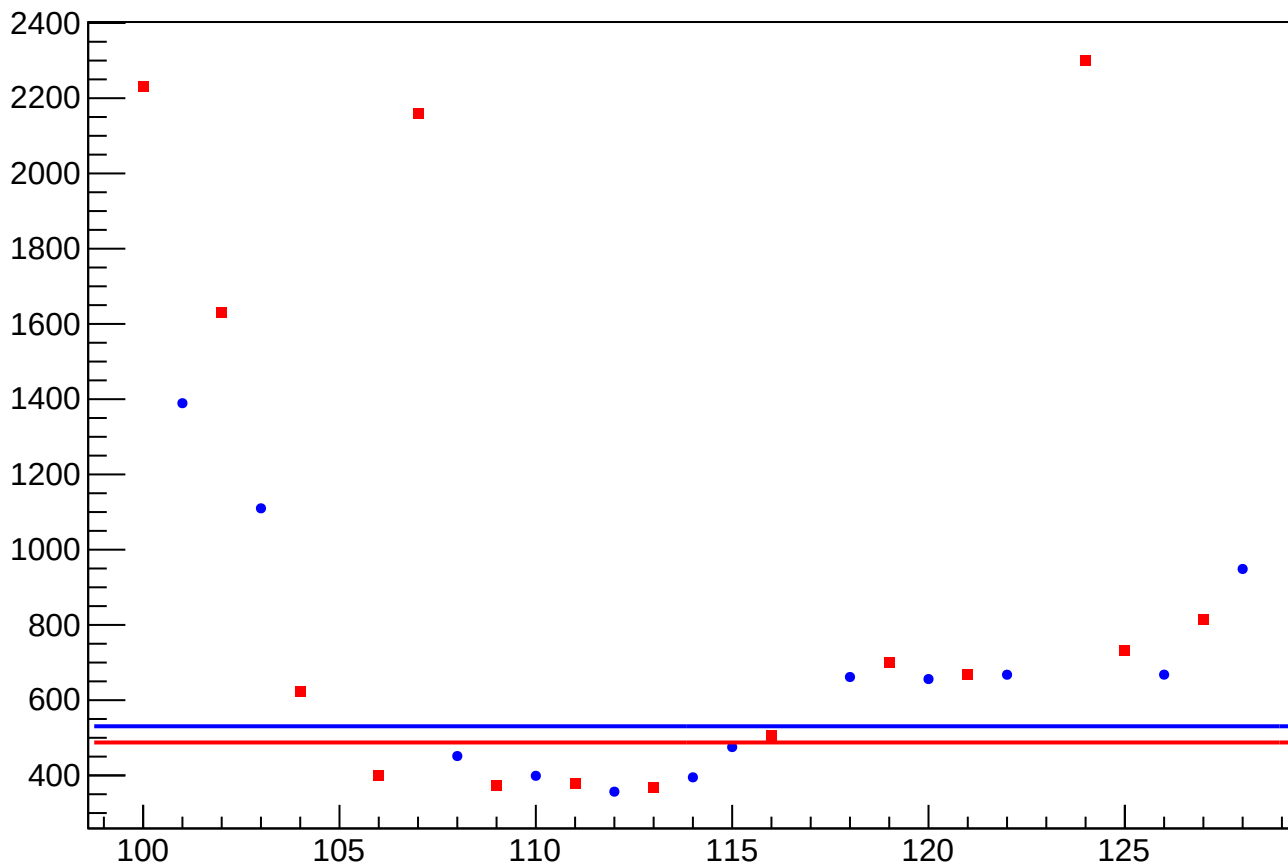
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -235.275+/-175.249 χ^2 /NDF: 24.1/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_reg_correction_rms vs Slug



Right In: 530.629+/-0.184 χ^2/NDF : 1487662.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 487.551+/-0.167 χ^2/NDF : 1826121.2/13

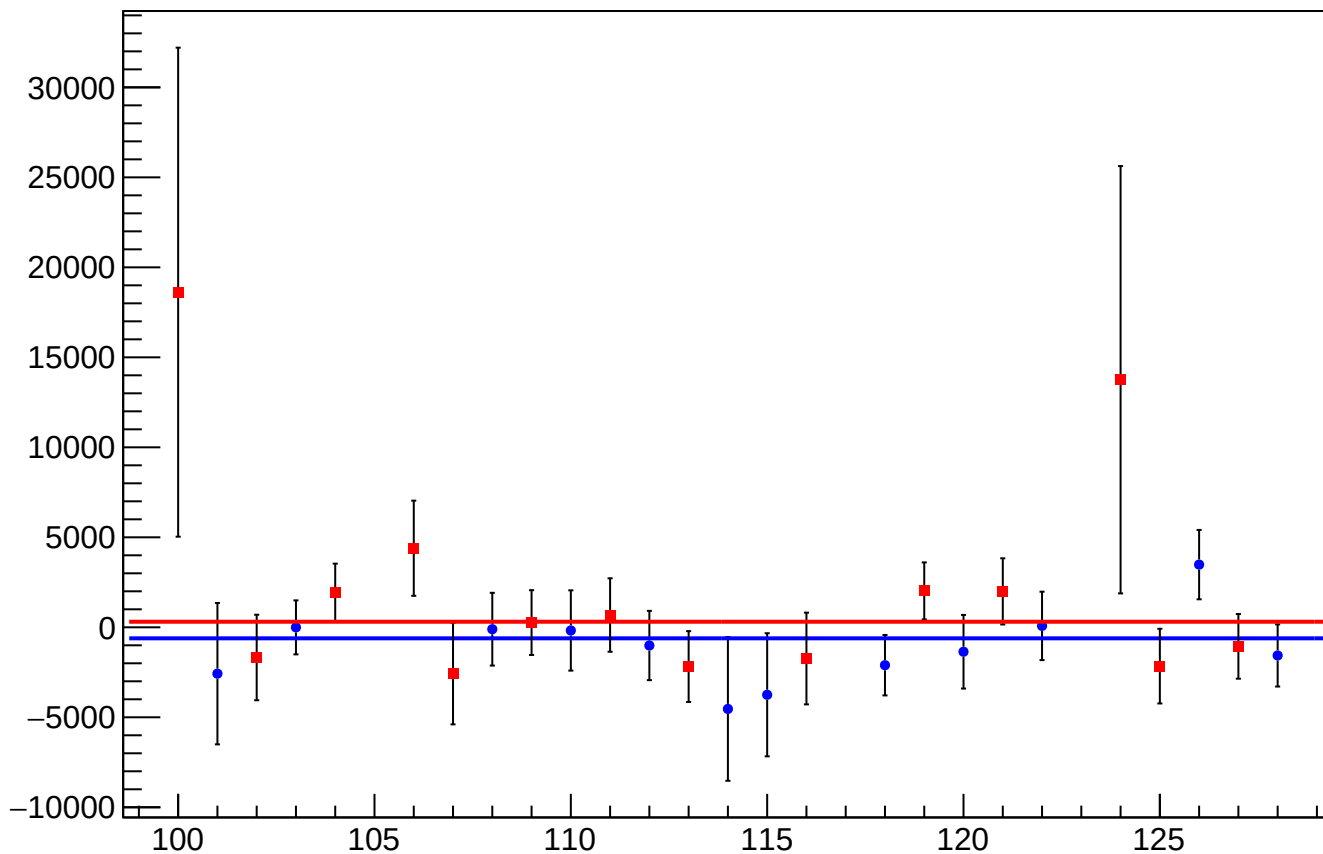
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 507.047+/-0.124 χ^2/NDF : 3343722.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -612.868+/-592.467 χ^2/NDF : 8.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 309.402+/-573.135 χ^2/NDF : 14.5/13

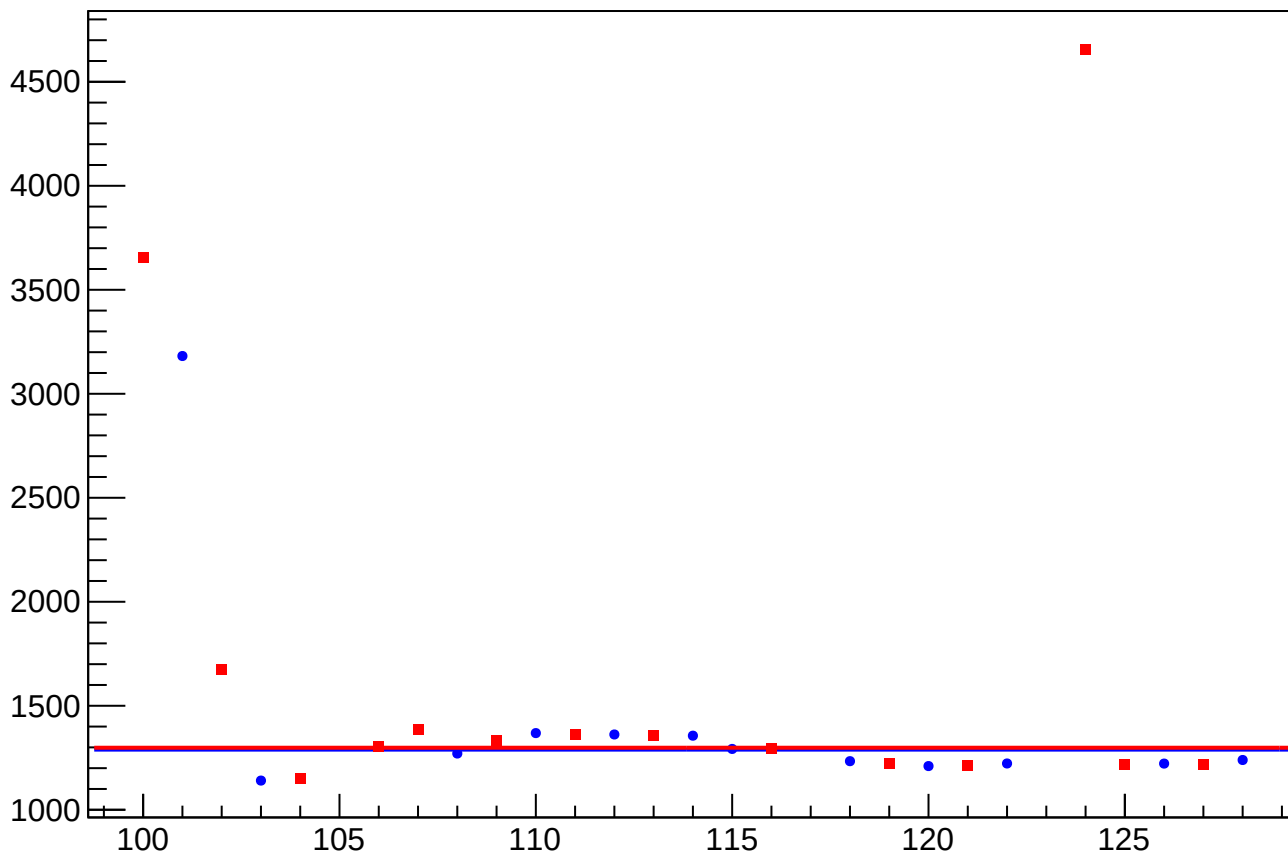
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -136.442+/-411.932 χ^2/NDF : 24.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1289.215+/-0.419 χ^2/NDF : 501608.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.257+/-0.405 χ^2/NDF : 310724.2/13

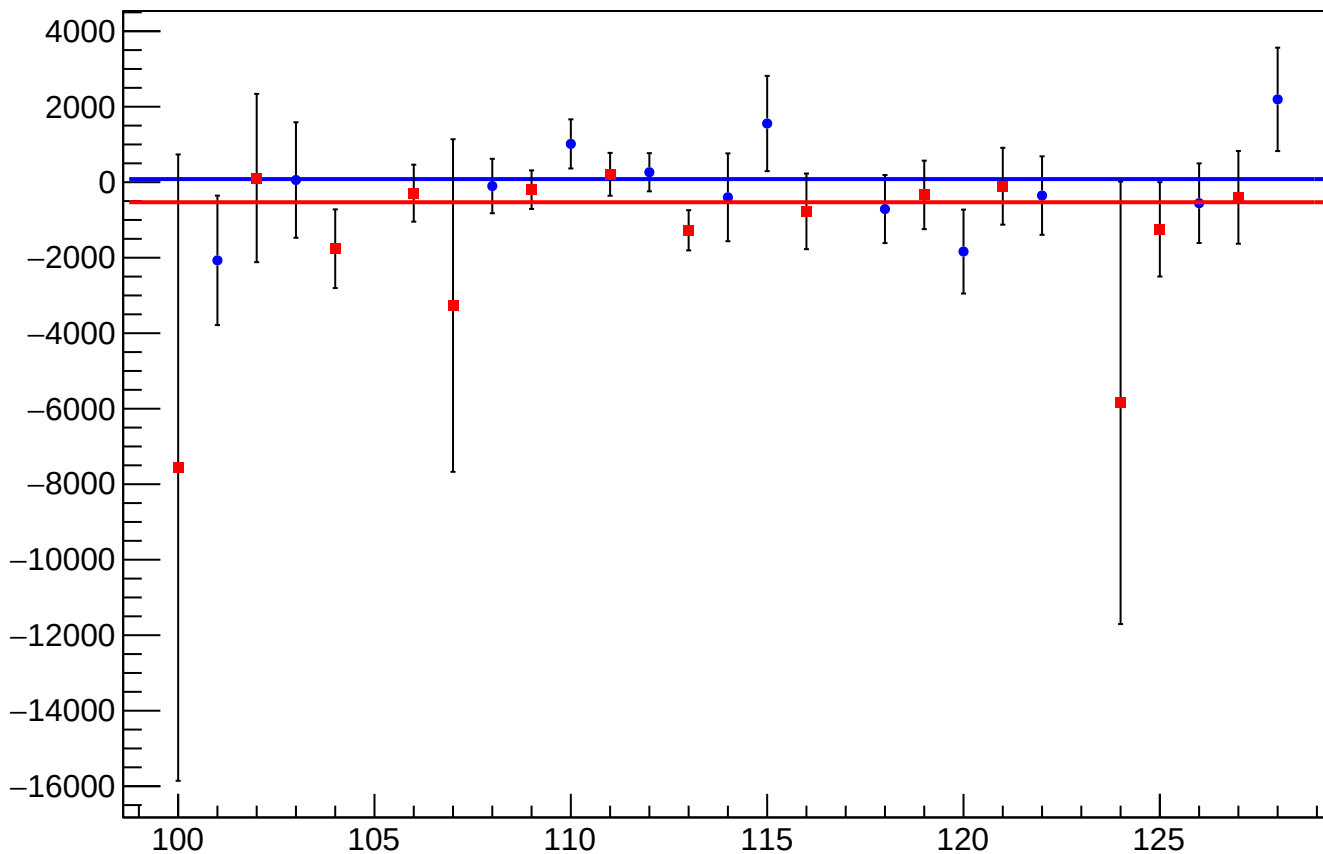
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.886+/-0.291 χ^2/NDF : 812573.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_cor_correction_mean vs Slug



Right In: 82.712 $\pm$ 260.558 χ^2 /NDF: 12.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -530.263 $\pm$ 236.313 χ^2 /NDF: 8.2/13

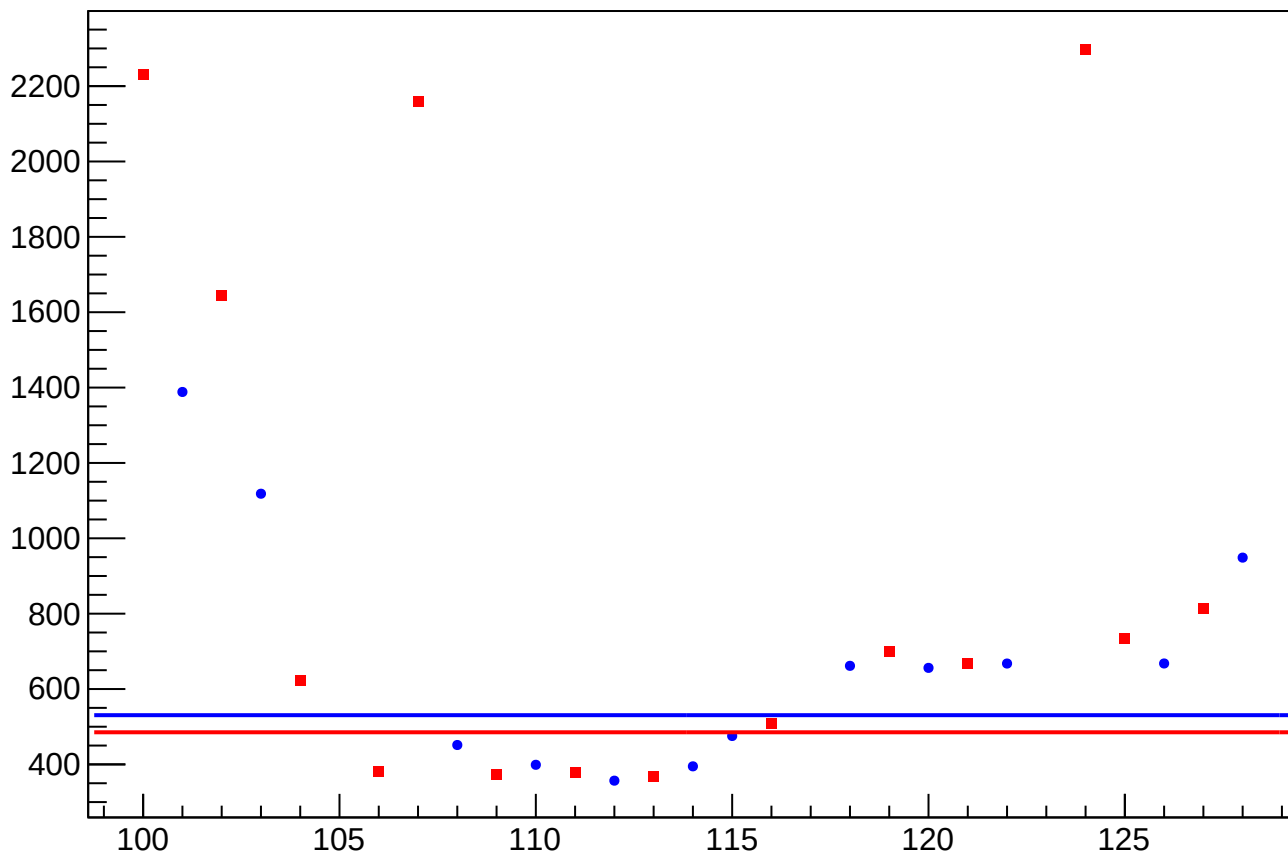
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -253.614 $\pm$ 175.044 χ^2 /NDF: 23.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_cor_correction_rms vs Slug



Right In: 530.631+/-0.184 χ^2/NDF : 1491327.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

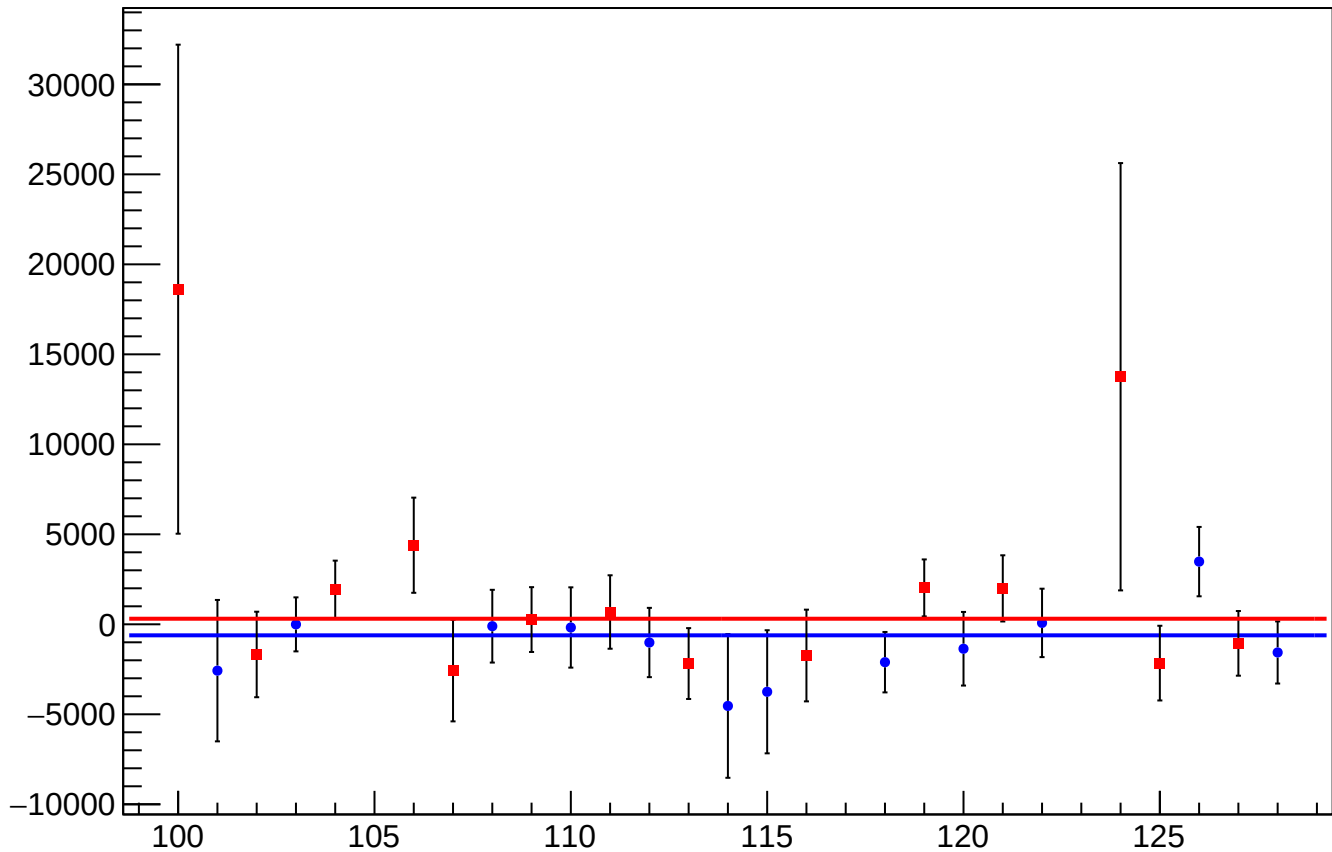
Right Out: 485.231+/-0.167 χ^2/NDF : 1847173.6/13

All: 505.721+/-0.124 χ^2/NDF : 3371816.9/25

- 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: -612.868+/-592.467 χ^2/NDF : 8.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 309.402+/-573.135 χ^2/NDF : 14.5/13

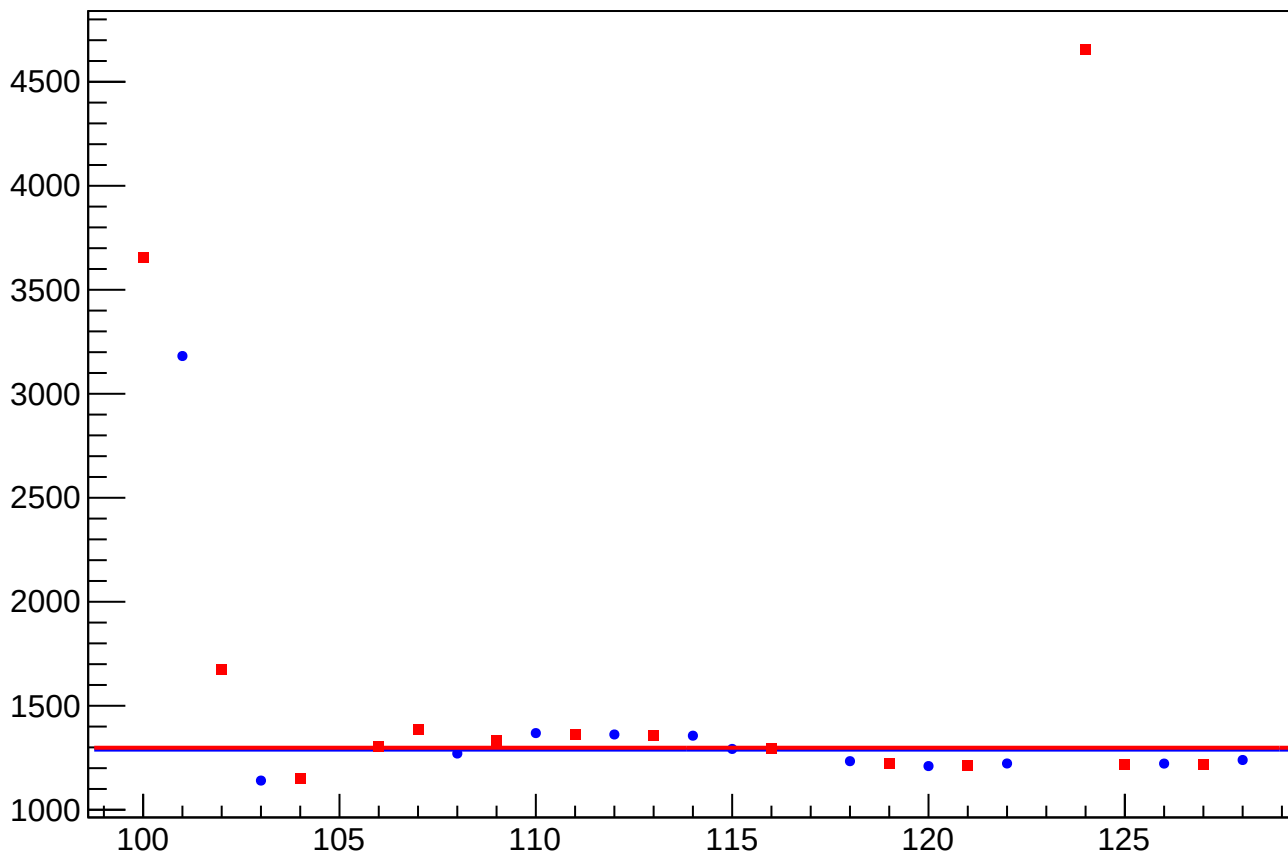
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -136.442+/-411.932 χ^2/NDF : 24.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1289.215+/-0.419 χ^2/NDF : 501608.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.257+/-0.405 χ^2/NDF : 310724.2/13

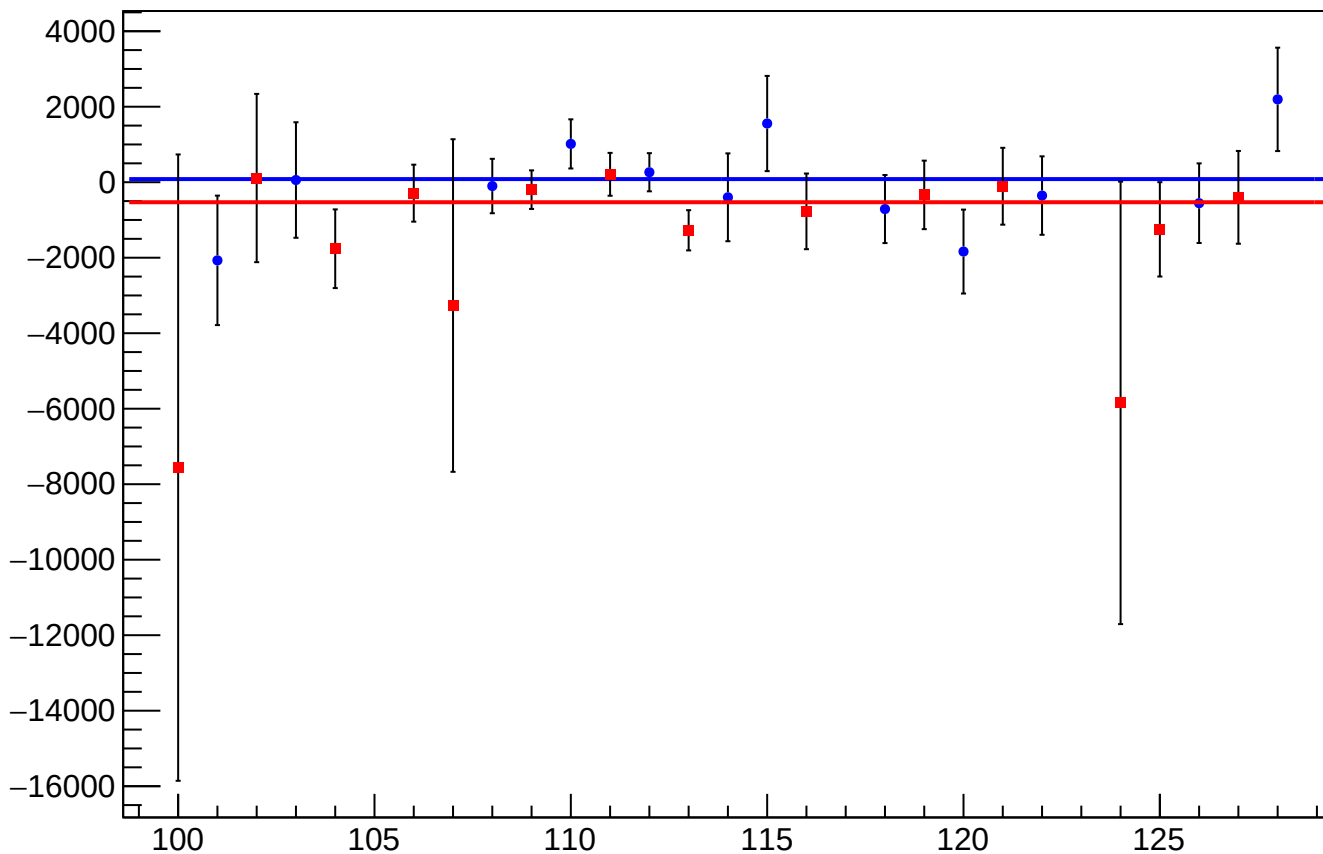
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.886+/-0.291 χ^2/NDF : 812573.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_eigen_cor_correction_mean vs Slug



Right In: 82.712 $\pm$ 260.558 χ^2 /NDF: 12.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -530.263 $\pm$ 236.313 χ^2 /NDF: 8.2/13

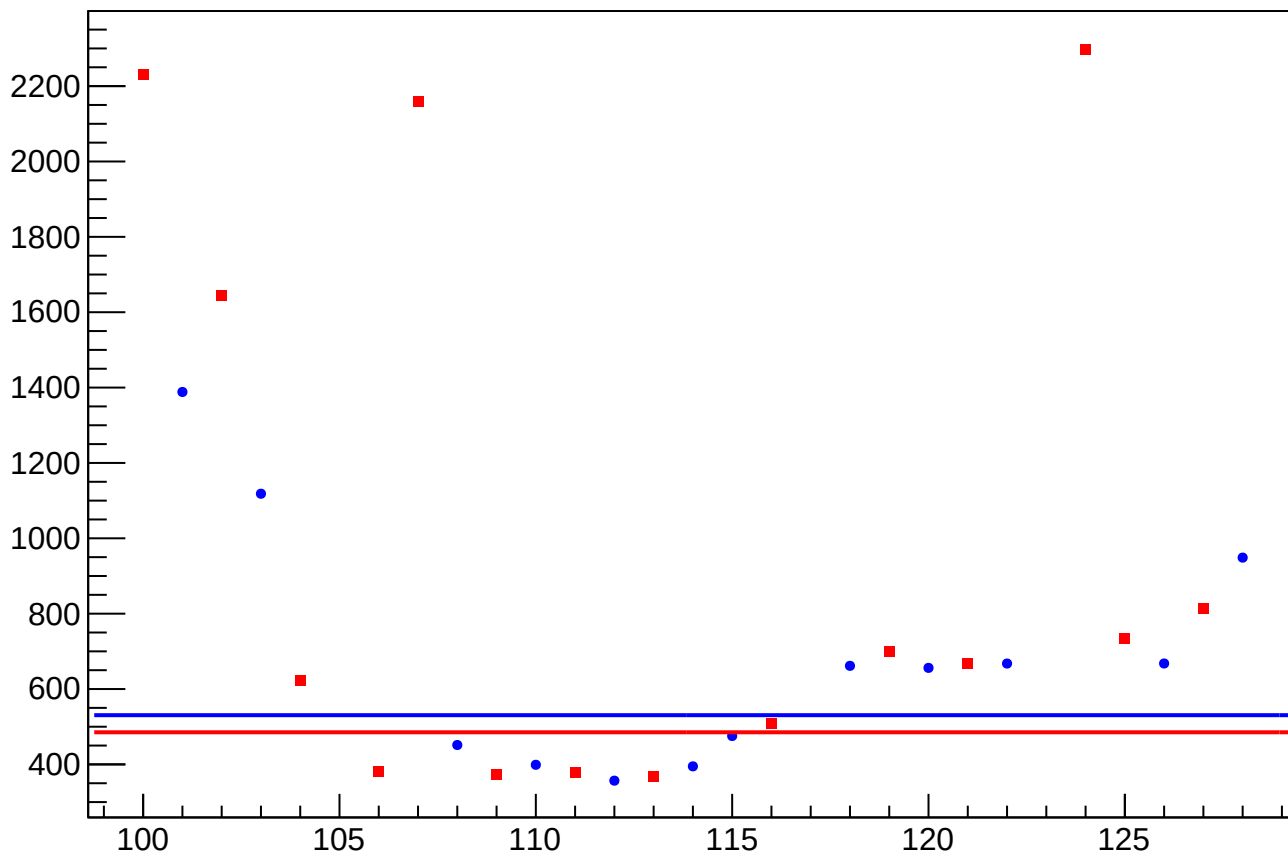
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -253.614 $\pm$ 175.044 χ^2 /NDF: 23.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_eigen_cor_correction_rms vs Slug



Right In: 530.631+/-0.184 χ^2/NDF : 1491327.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 485.231+/-0.167 χ^2/NDF : 1847173.6/13

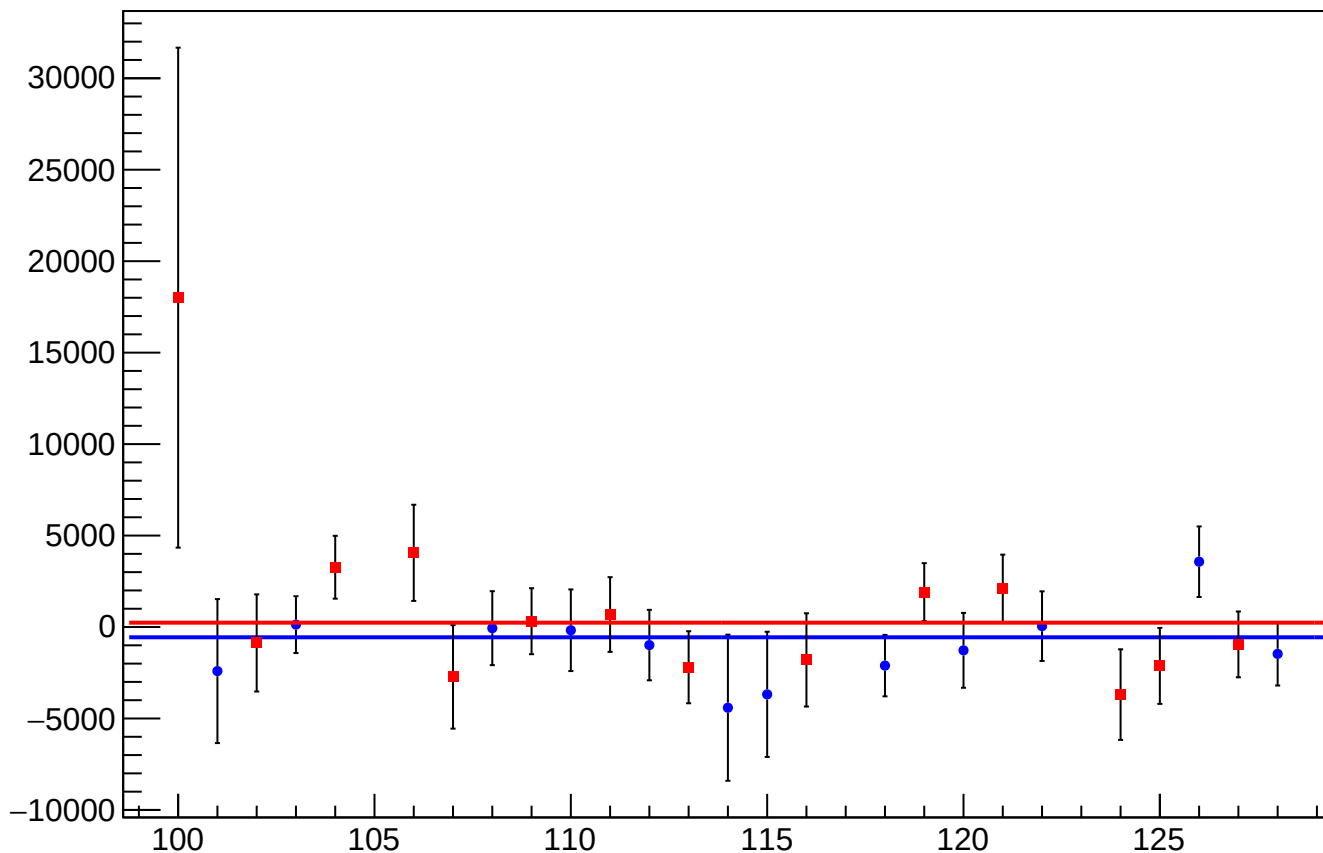
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 505.721+/-0.124 χ^2/NDF : 3371816.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -561.020+/-596.014 χ^2/NDF : 8.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 238.457+/-566.775 χ^2/NDF : 16.8/13

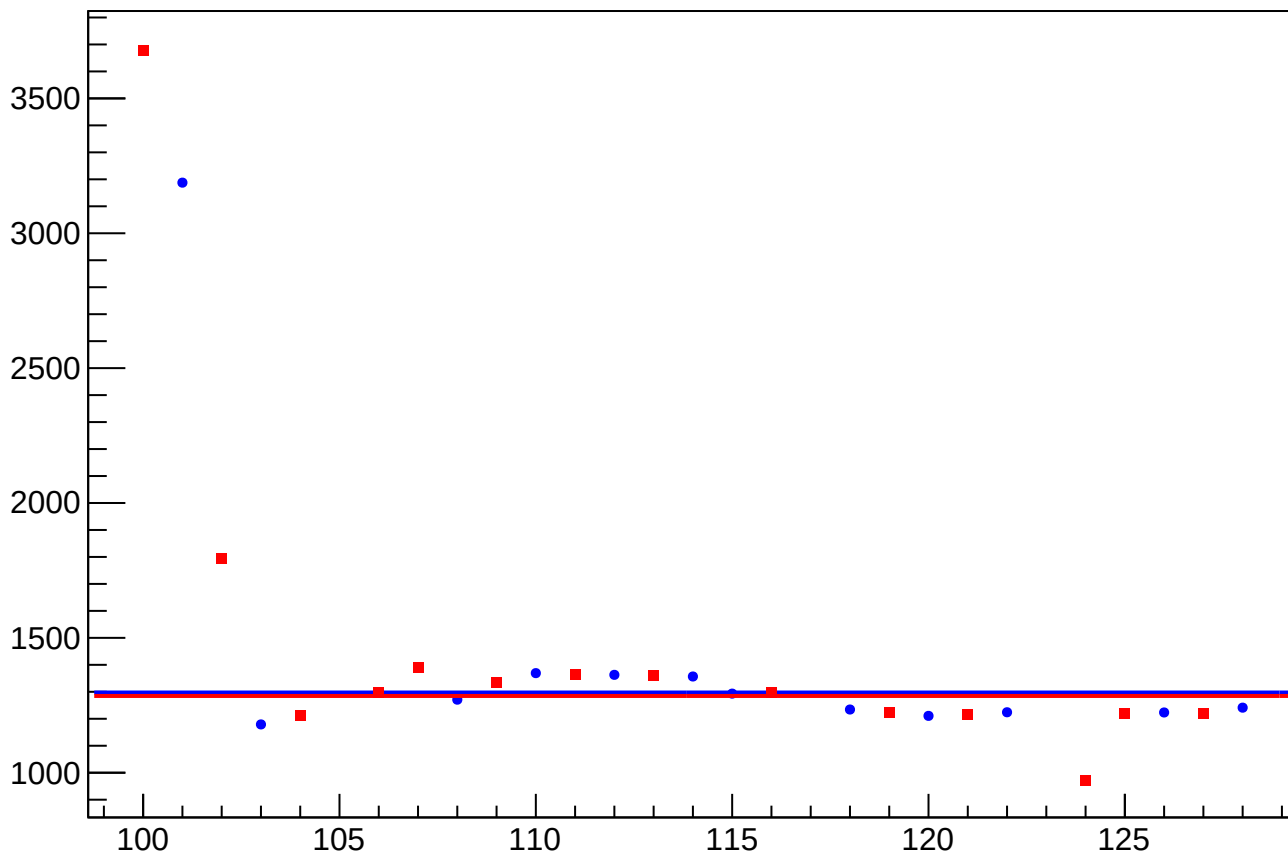
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -141.191+/-410.718 χ^2/NDF : 26.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1297.364+/-0.421 χ^2/NDF : 492450.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.573+/-0.401 χ^2/NDF : 191272.9/13

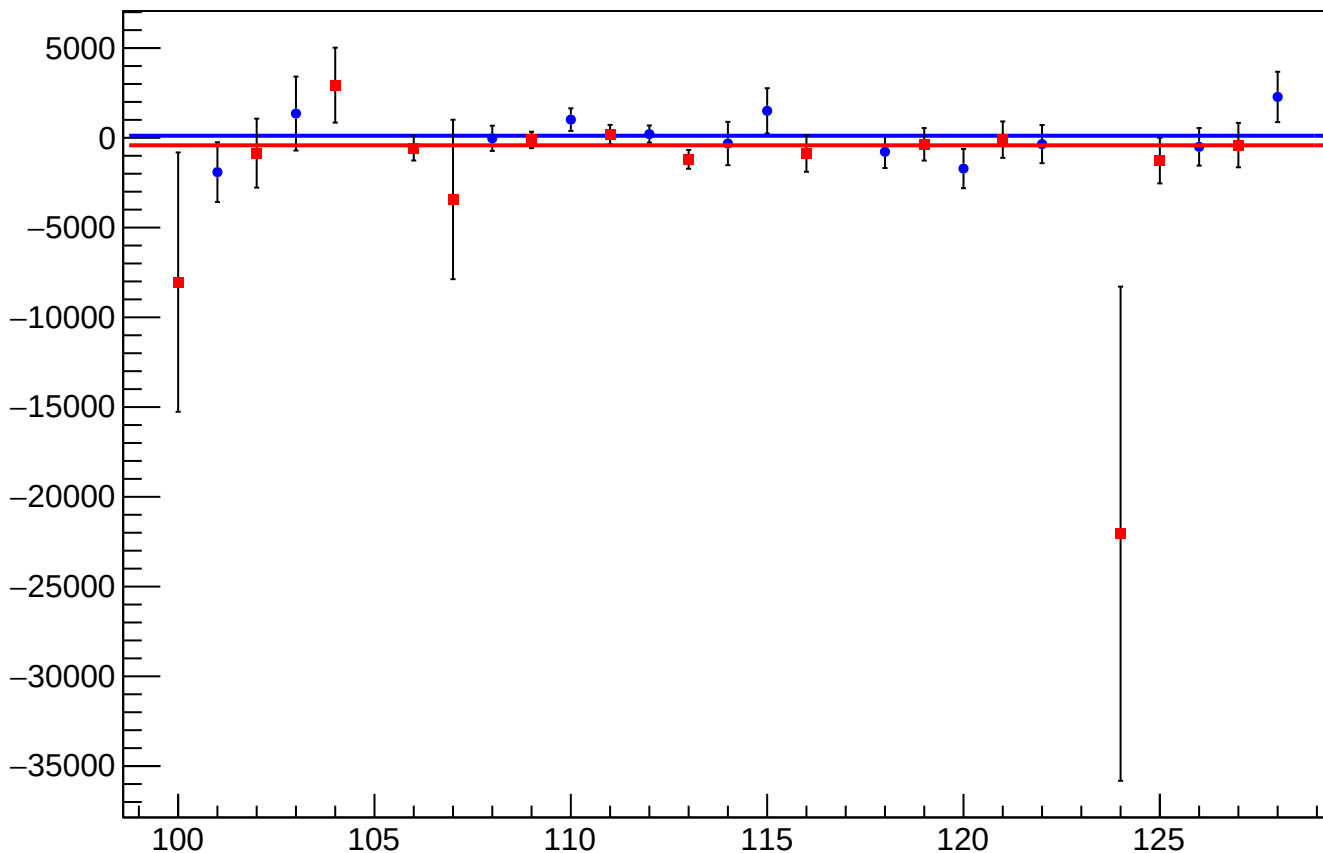
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1290.647+/-0.290 χ^2/NDF : 684207.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_dit_correction_mean vs Slug



Right In: 116.580+/-256.655 χ^2/NDF : 12.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -416.691+/-228.968 χ^2/NDF : 11.4/13

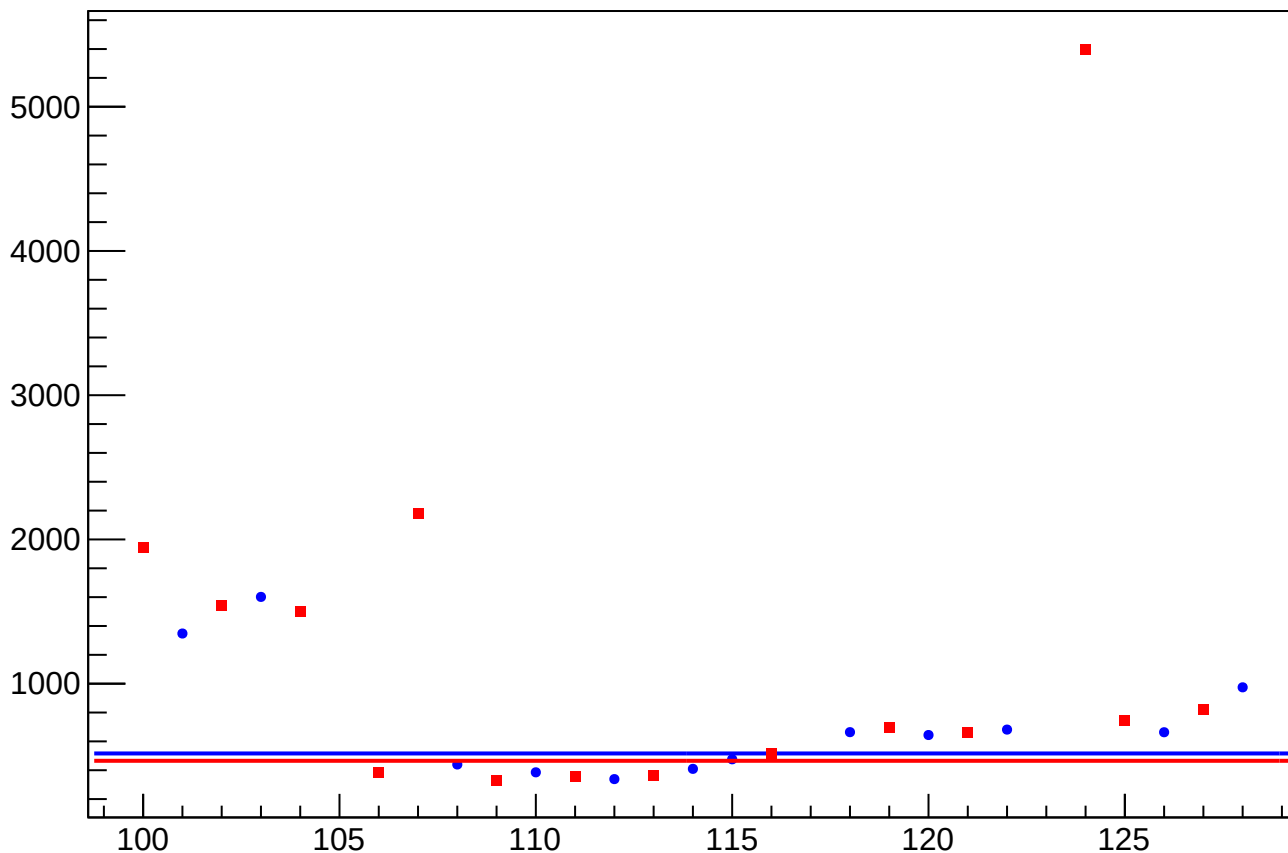
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -180.361+/-170.858 χ^2/NDF : 25.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_dit_correction_rms vs Slug



Right In: 516.279+/-0.181 χ^2/NDF : 1839116.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 465.370+/-0.162 χ^2/NDF : 2604992.3/13

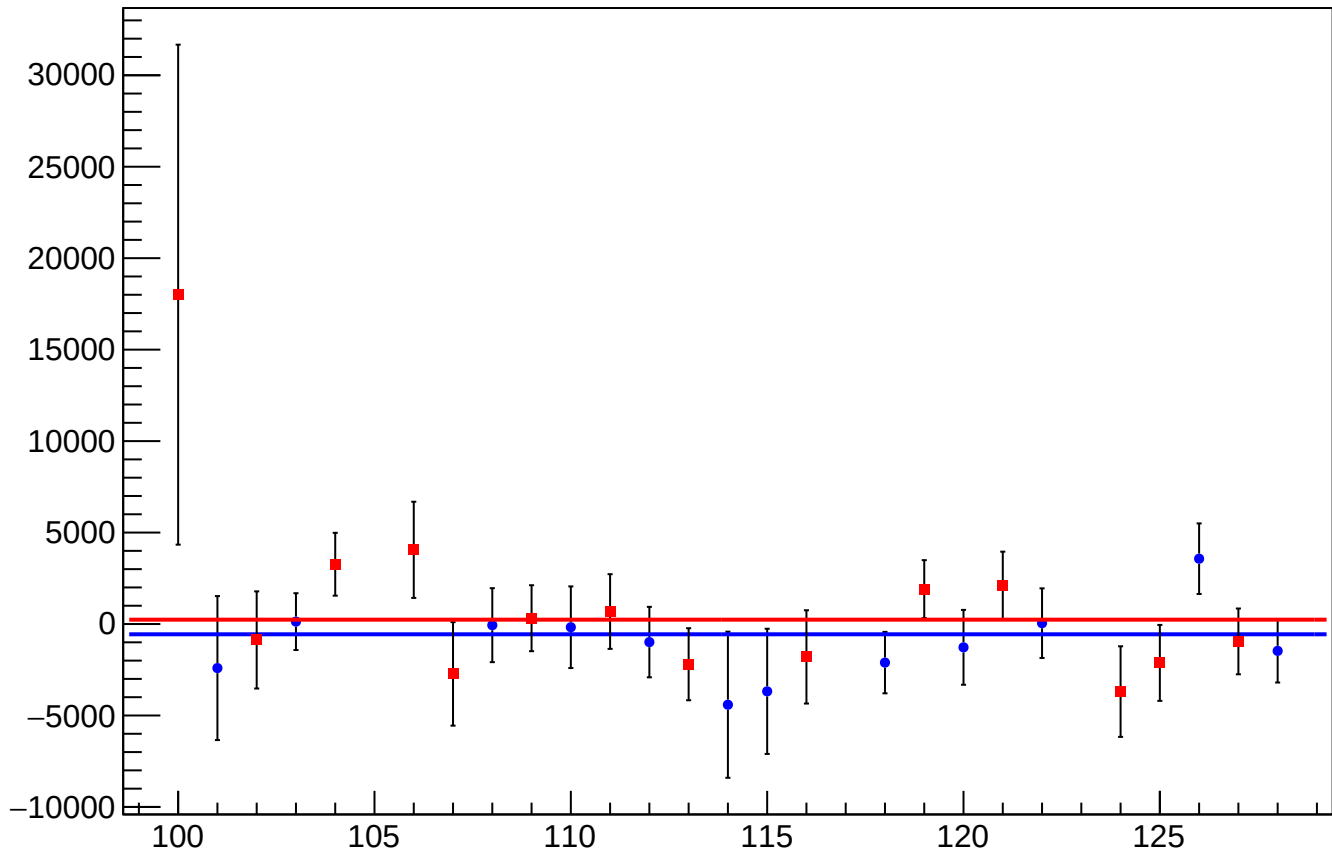
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 487.931+/-0.121 χ^2/NDF : 4487926.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -561.020+/-596.014 χ^2/NDF : 8.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 238.456+/-566.775 χ^2/NDF : 16.8/13

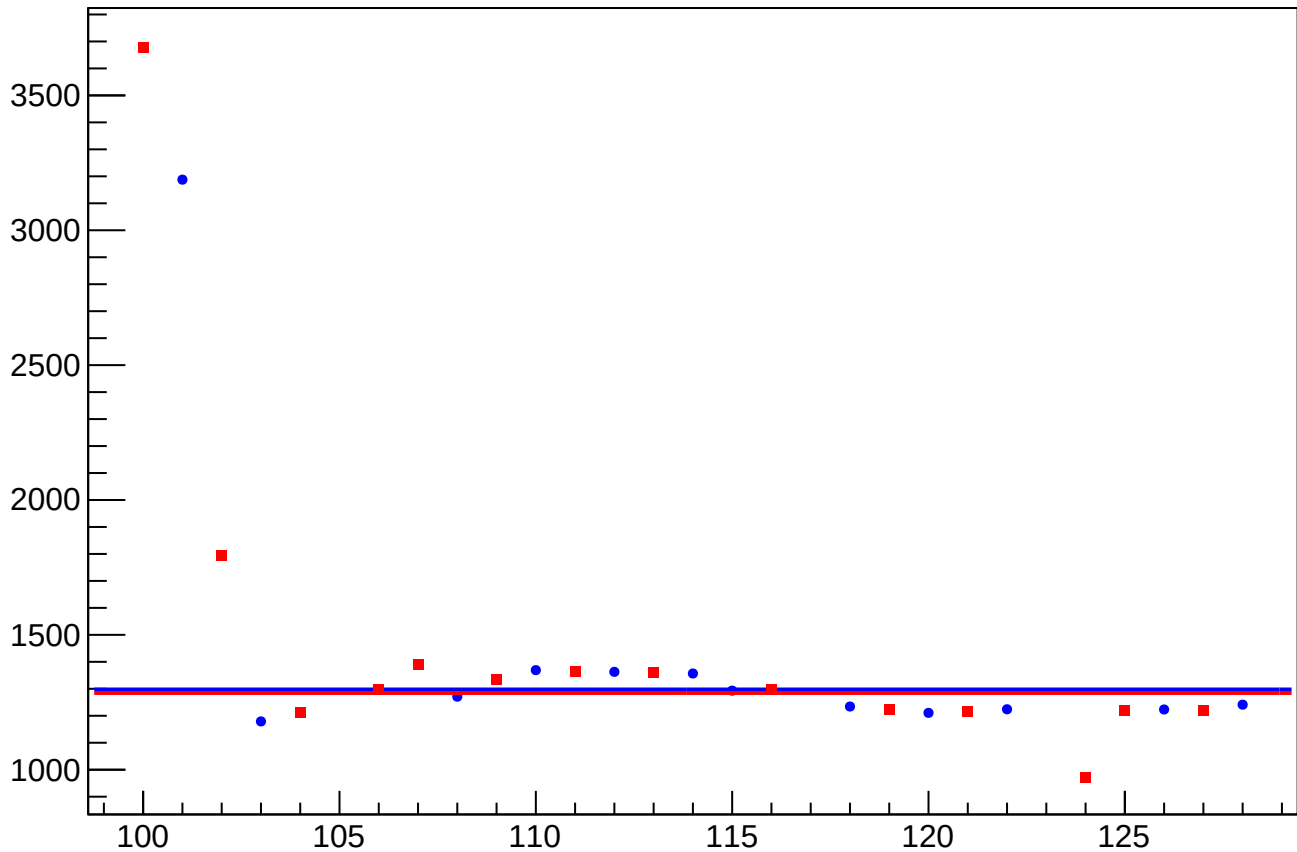
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -141.191+/-410.718 χ^2/NDF : 26.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1297.364+/-0.421 χ^2 /NDF: 492450.7/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1284.573+/-0.401 χ^2 /NDF: 191273.2/13

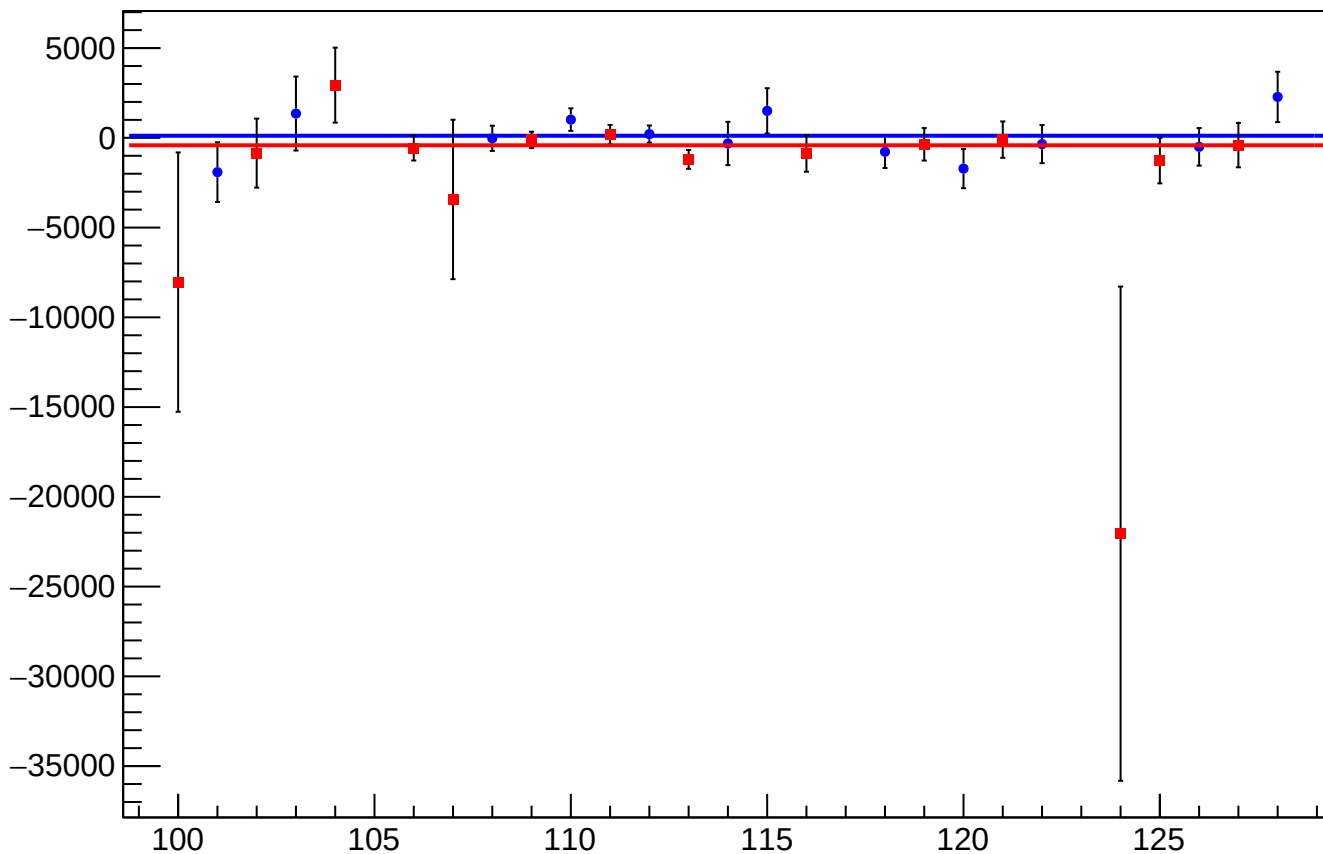
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1290.647+/-0.290 χ^2 /NDF: 684207.7/25

- 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: 116.580 $\pm$ 256.654 χ^2 /NDF: 12.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -416.689 $\pm$ 228.967 χ^2 /NDF: 11.4/13

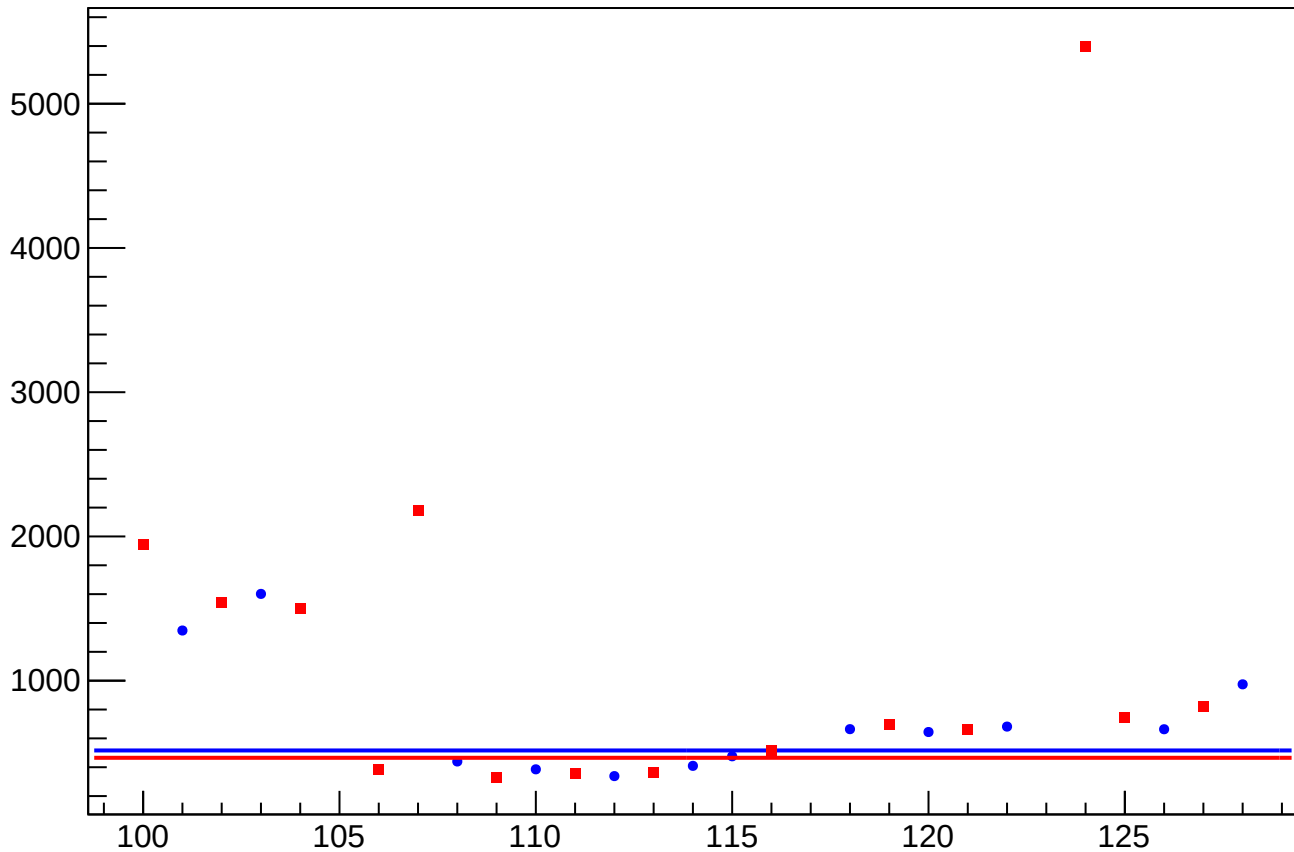
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -180.359 $\pm$ 170.857 χ^2 /NDF: 25.8/25

- 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: 516.276+/-0.181 χ^2/NDF : 1839121.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 465.368+/-0.162 χ^2/NDF : 2604999.5/13

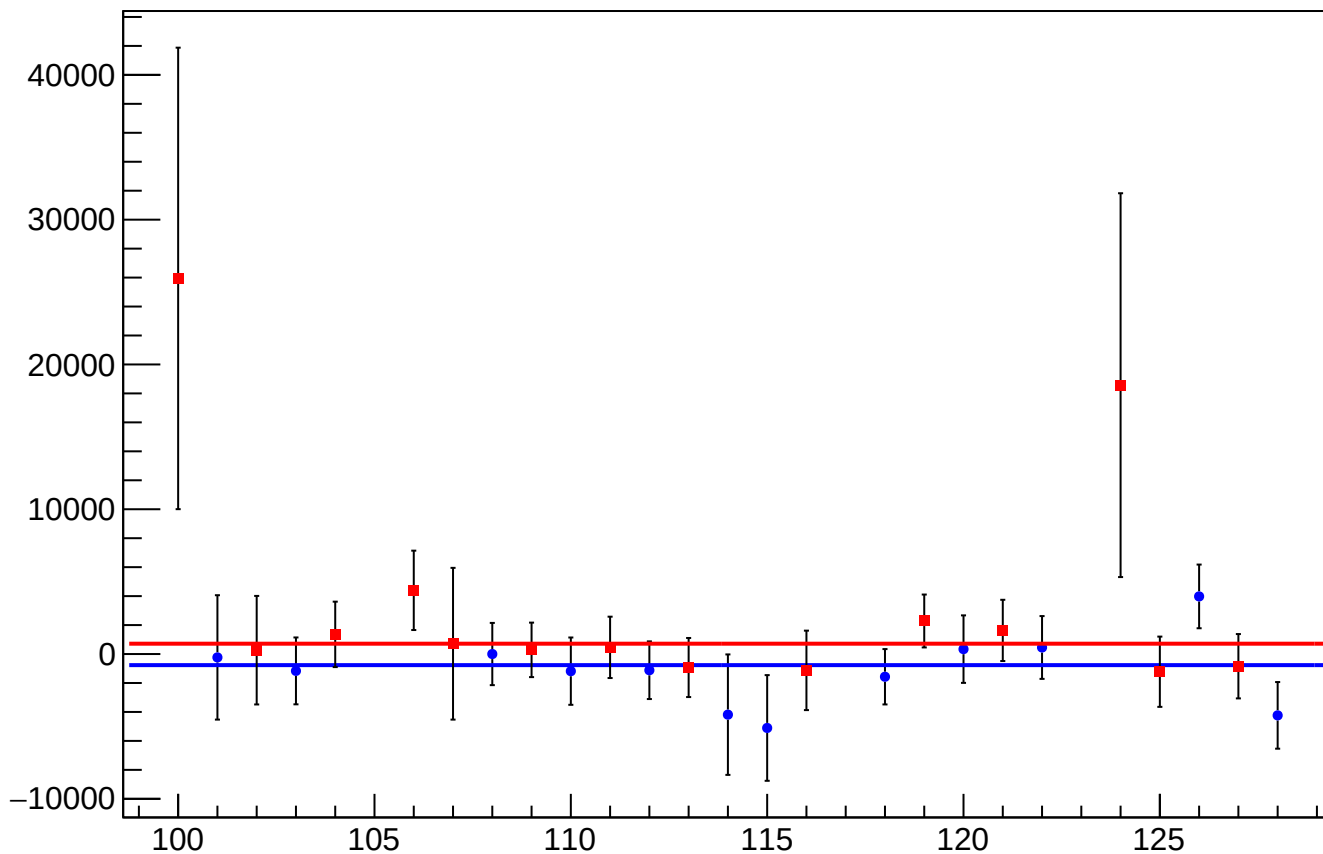
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 487.929+/-0.121 χ^2/NDF : 4487937.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -766.251+/-691.001 χ^2/NDF : 10.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 713.952+/-671.151 χ^2/NDF : 9.4/13

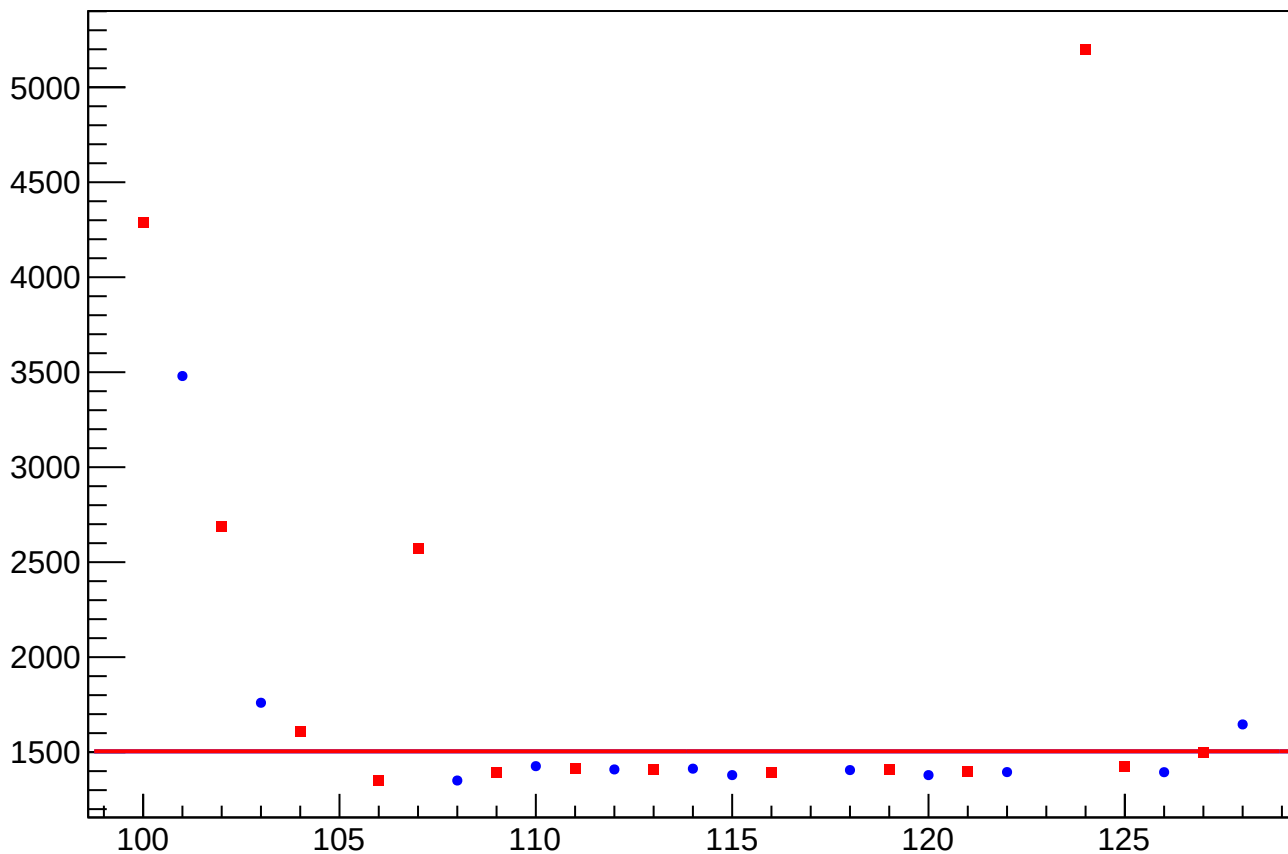
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.583+/-481.440 χ^2/NDF : 21.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1503.965+/-0.489 χ^2/NDF : 496693.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1504.488+/-0.475 χ^2/NDF : 539632.2/13

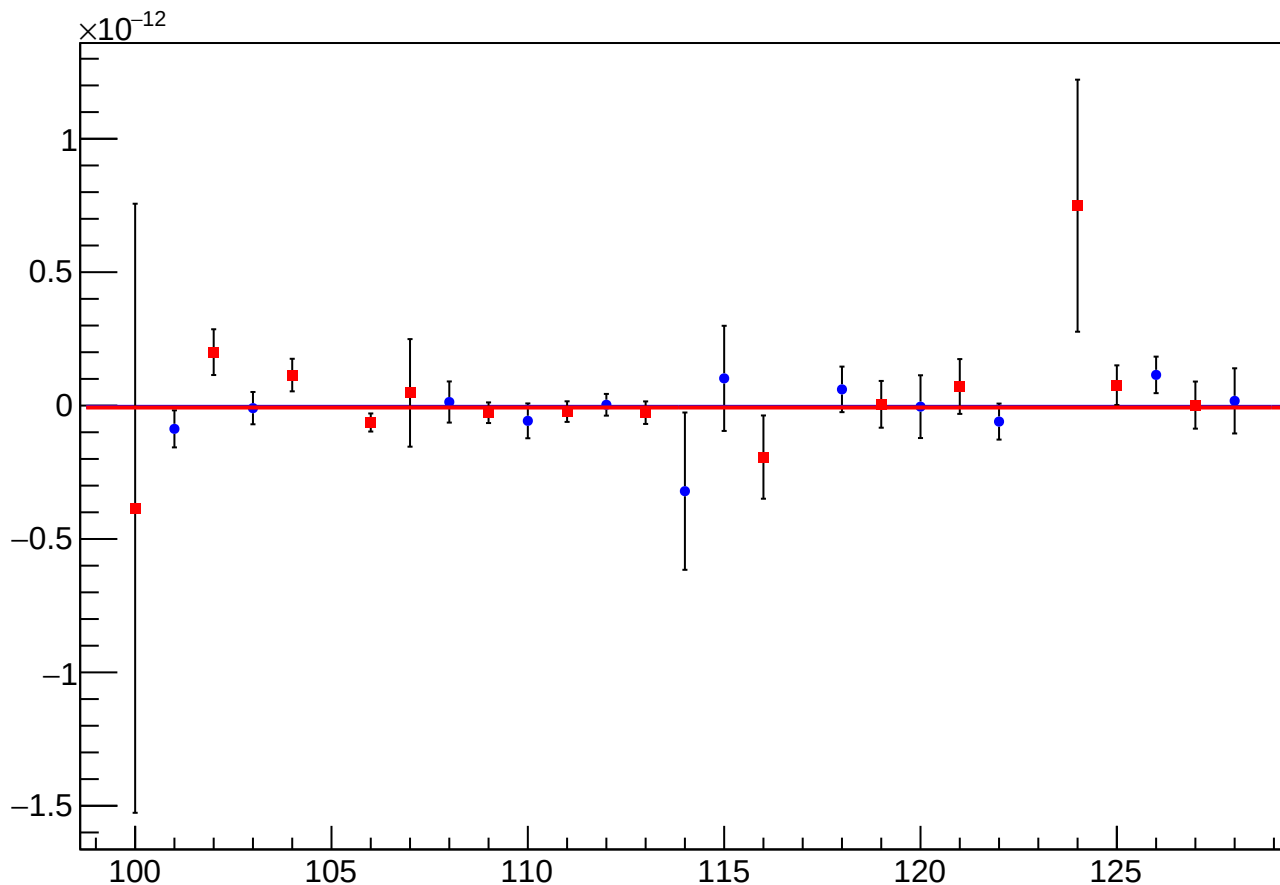
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1504.234+/-0.340 χ^2/NDF : 1036325.8/25

- 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+/-0.000 χ^2/NDF : 8.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.3/13

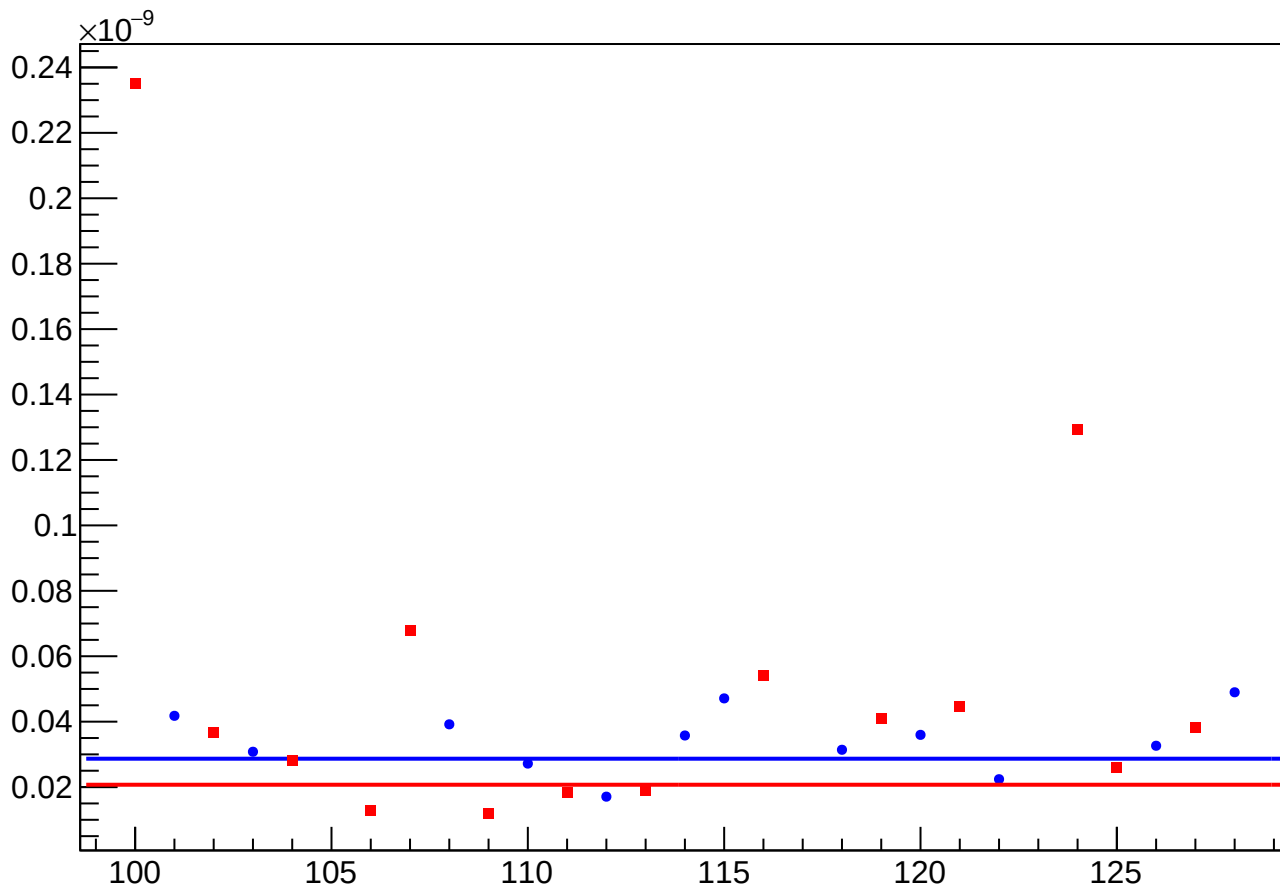
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.2/25

- sign 0.000+/-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 : 382118.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1006156.9/13

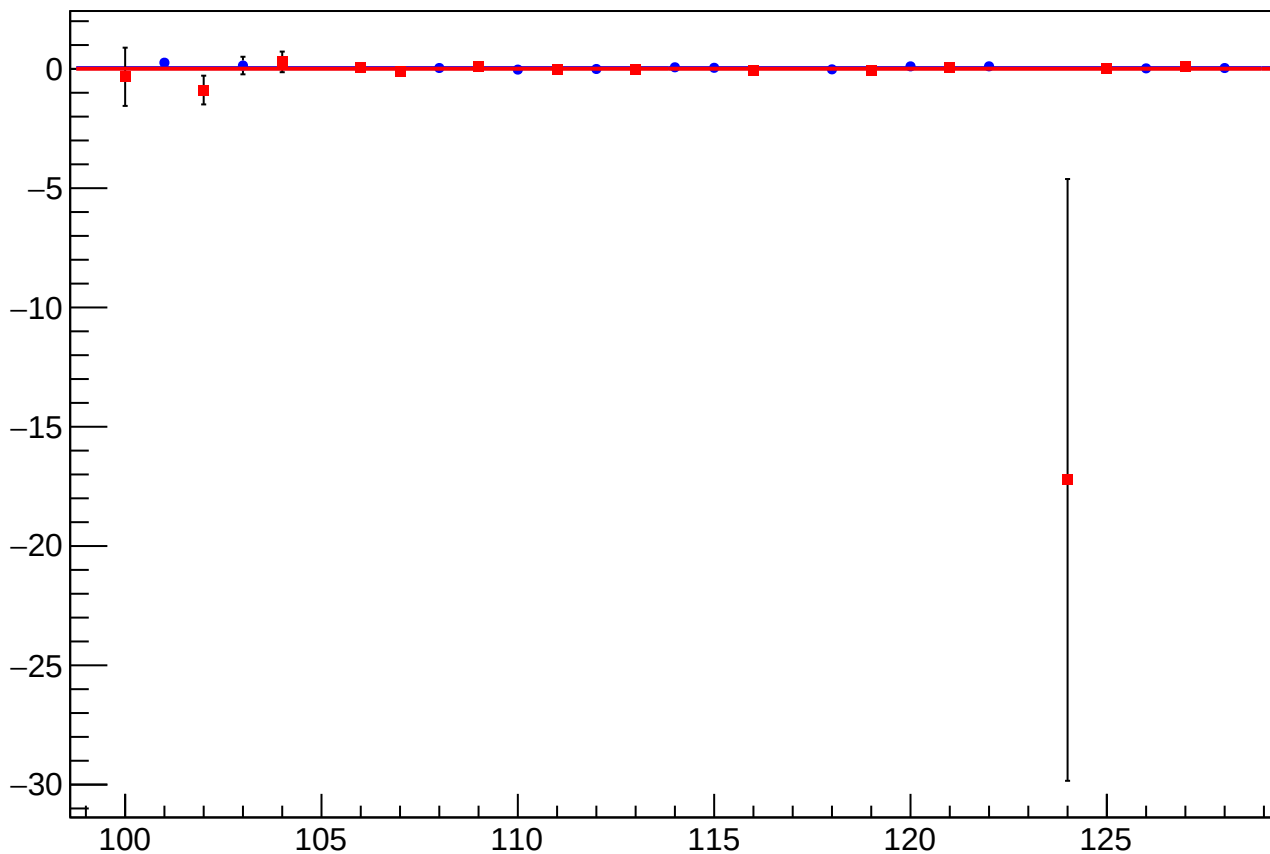
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1566136.6/25

- 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+/-0.020 χ^2/NDF : 8.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.020 χ^2/NDF : 14.7/13

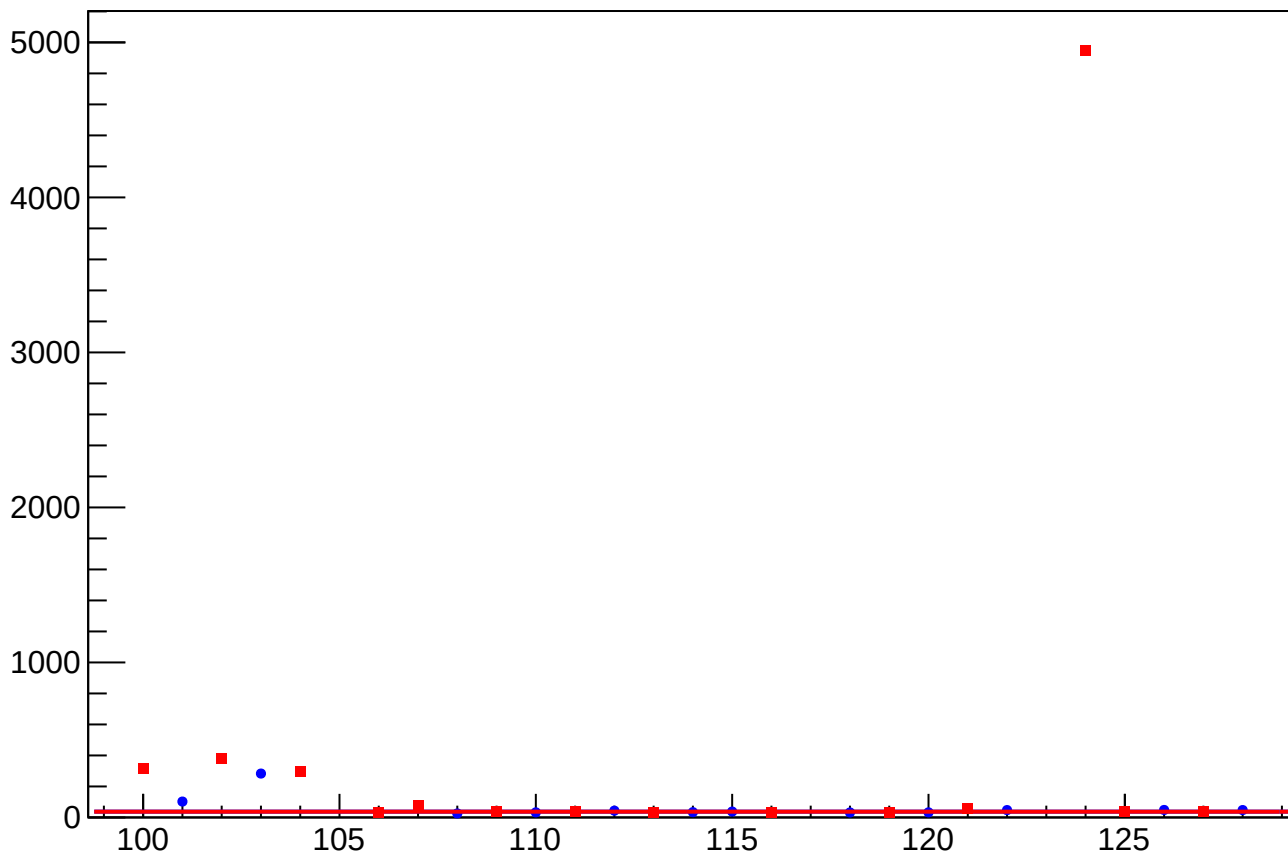
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.014 χ^2/NDF : 23.9/25

- 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: 37.604+/-0.014 $\chi^2/\text{NDF}: 1677358.1/11$

Left Out: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 37.316+/-0.014 $\chi^2/\text{NDF}: 2060997.1/13$

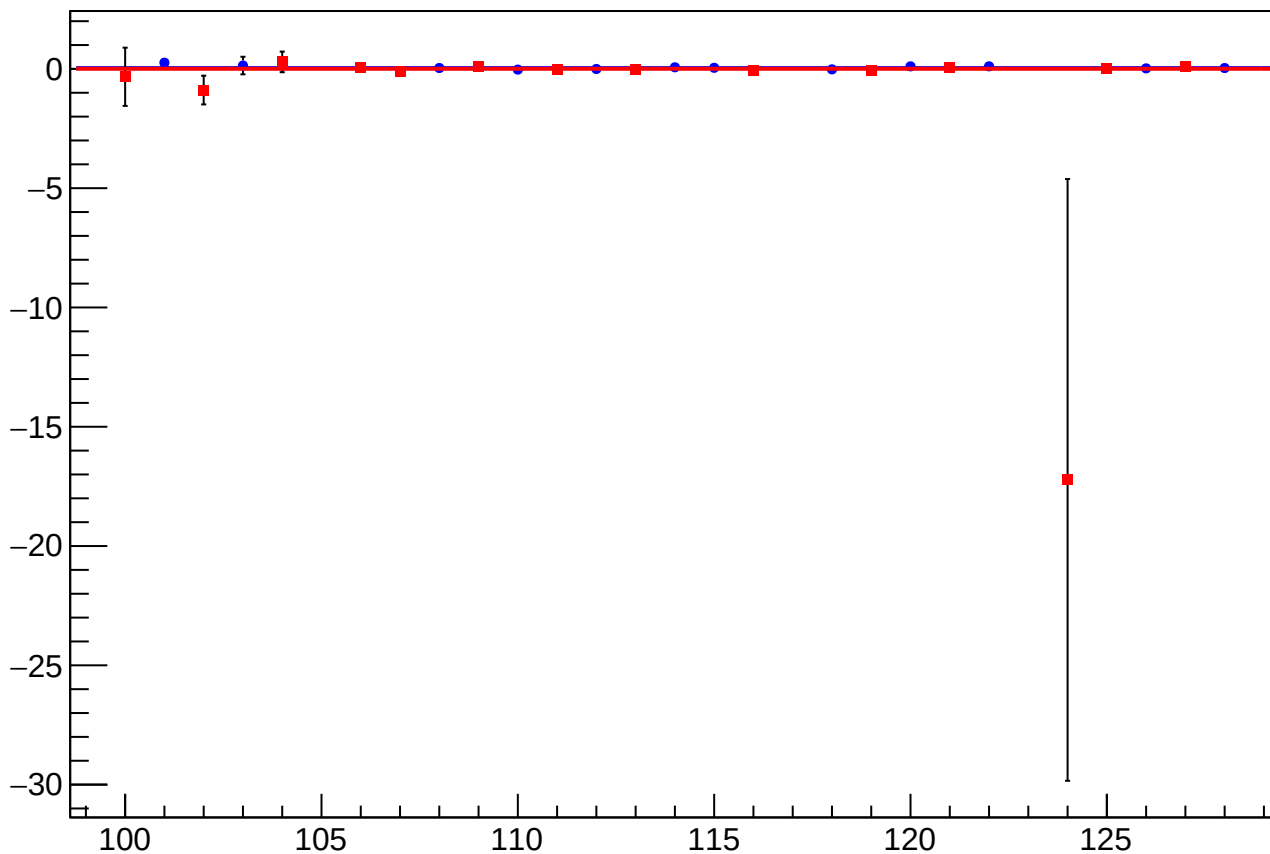
Left In: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 37.460+/-0.010 $\chi^2/\text{NDF}: 3738573.8/25$

- sign 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.033+/-0.020 χ^2/NDF : 8.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.020 χ^2/NDF : 14.7/13

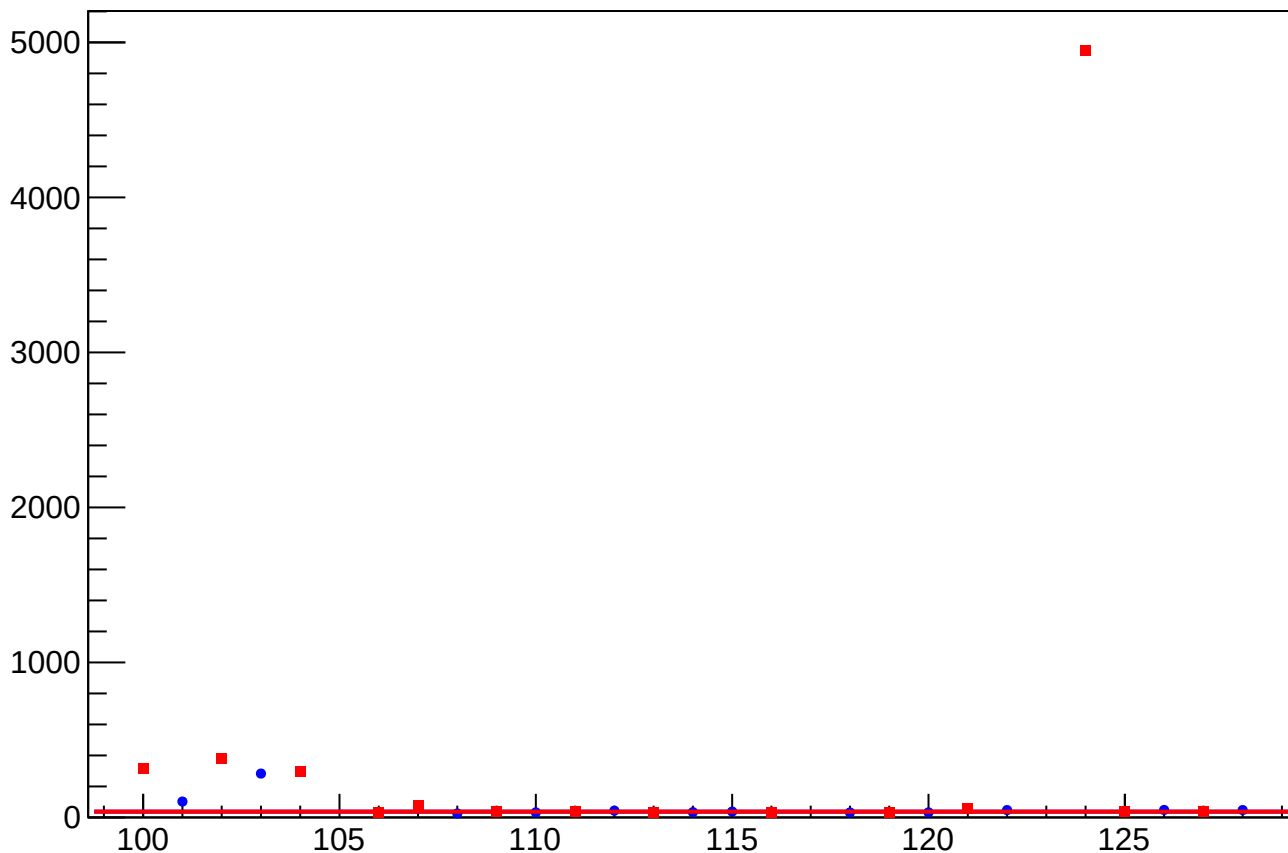
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.014 χ^2/NDF : 23.9/25

- 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: 37.604+/-0.014 χ^2/NDF : 1677358.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.316+/-0.014 χ^2/NDF : 2060997.1/13

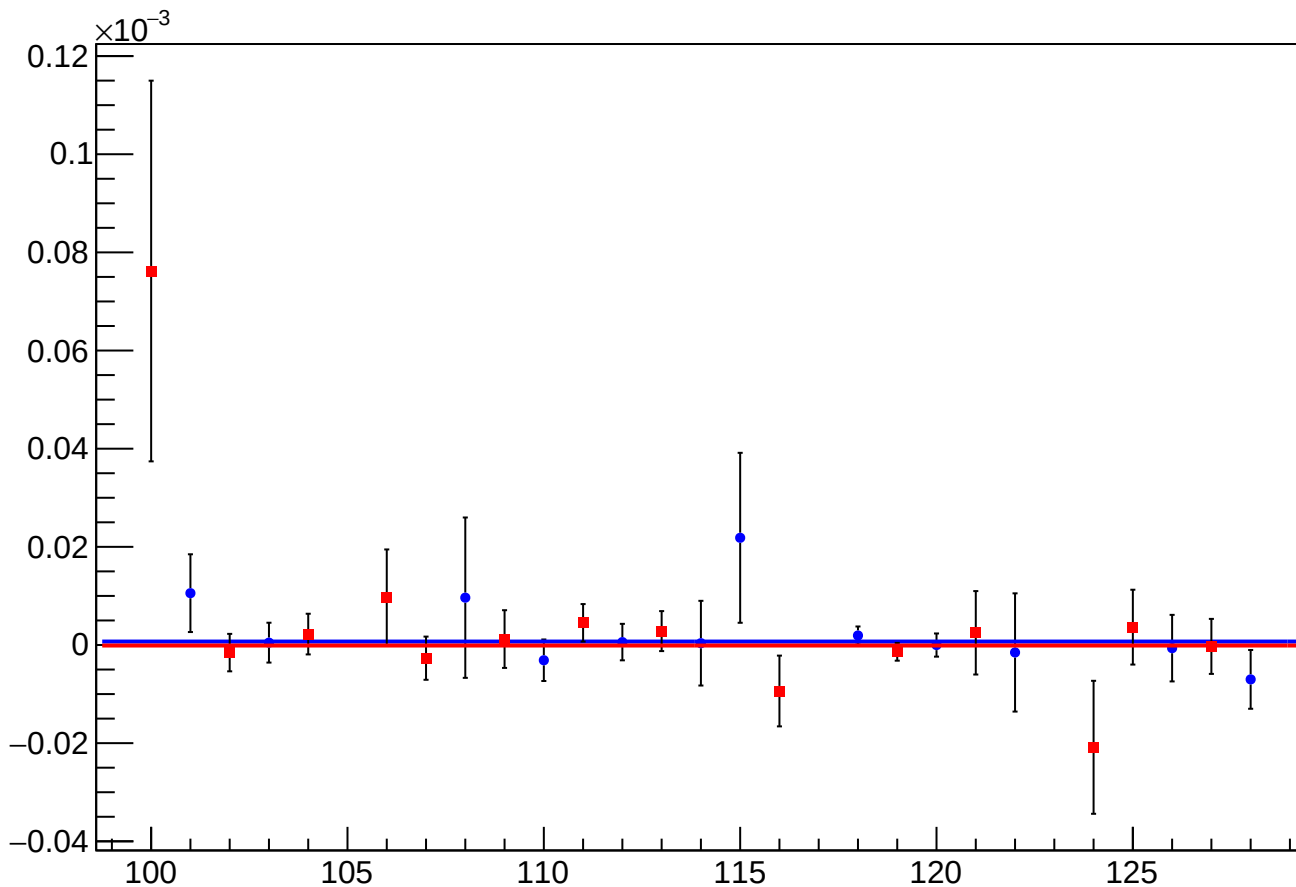
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.460+/-0.010 χ^2/NDF : 3738573.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.5/13

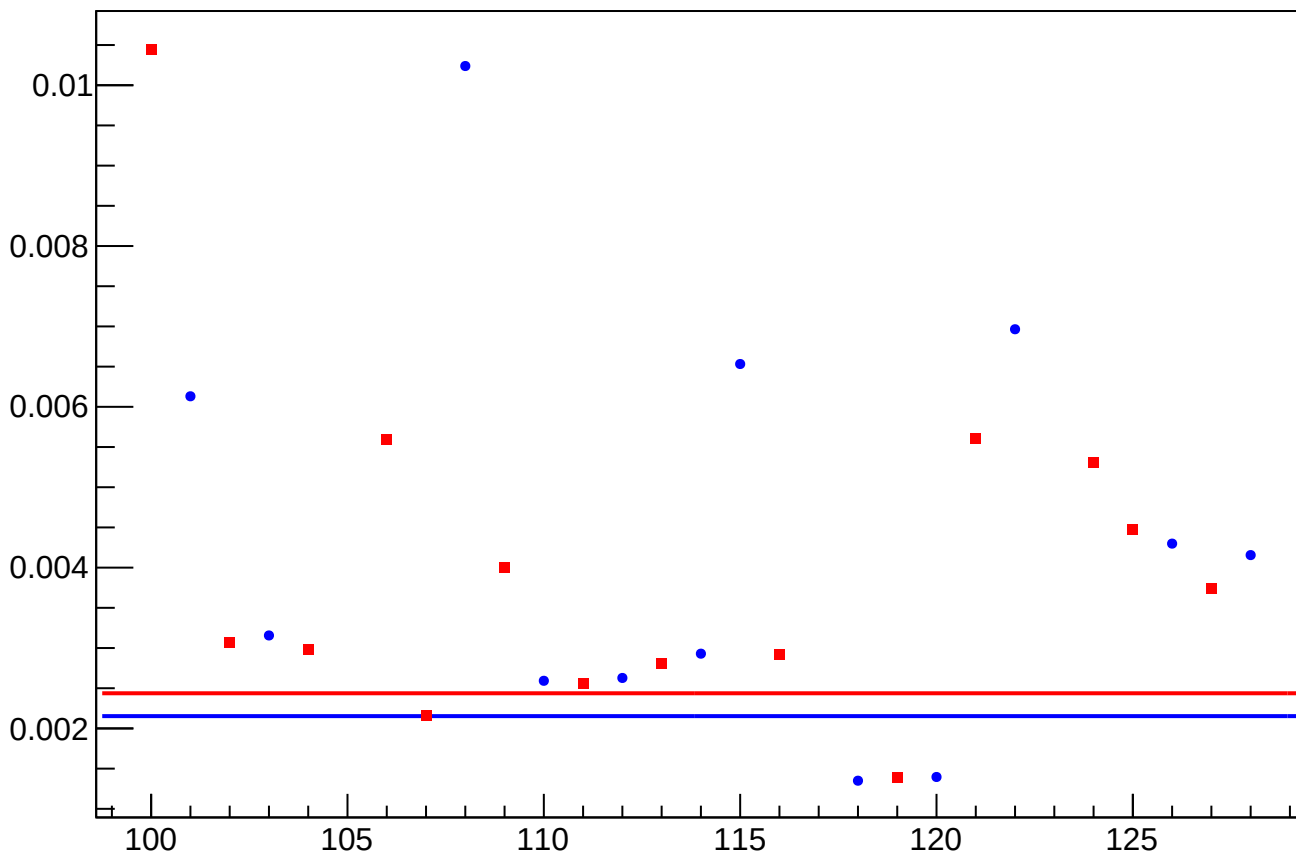
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.2/25

- 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 : 2646211.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1846032.4/13

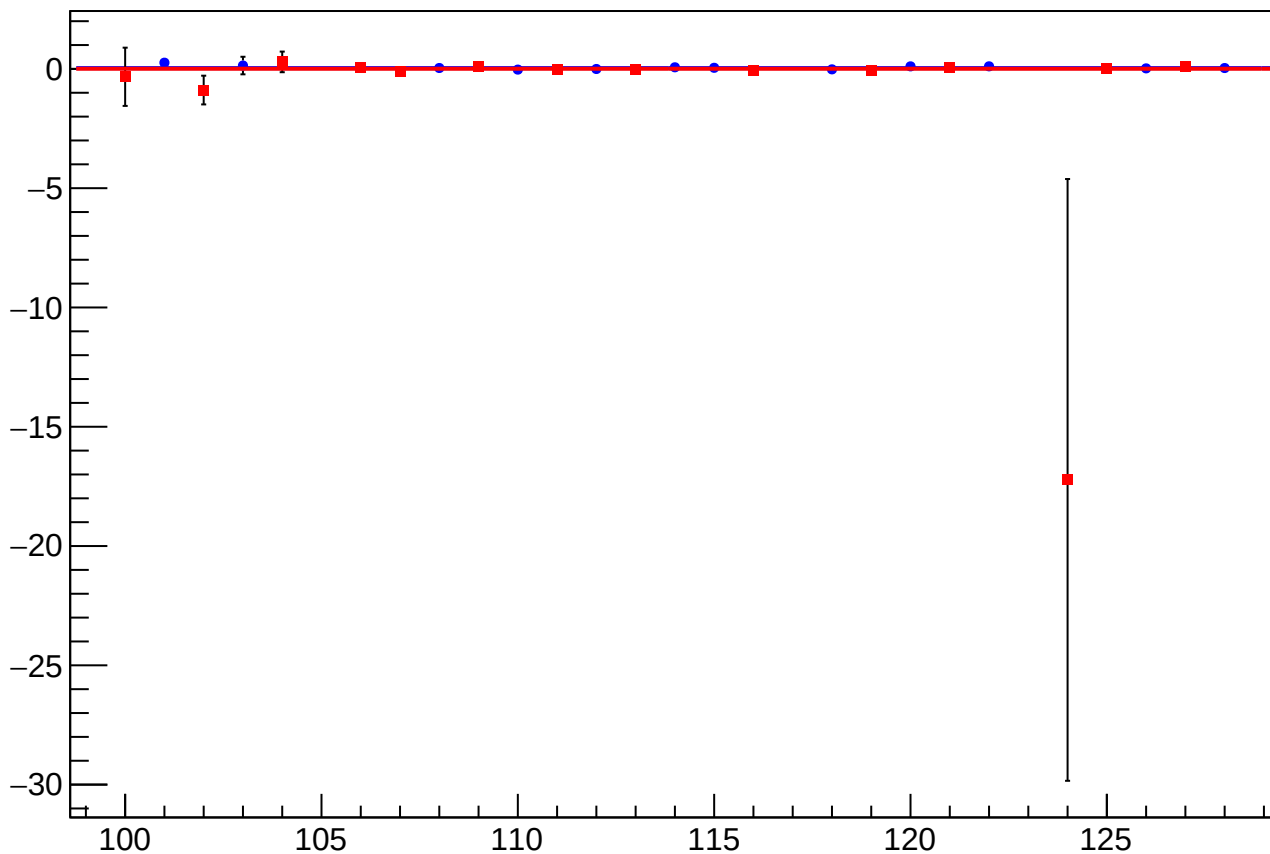
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4552792.7/25

- 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 $\pm$ 0.020 χ^2 /NDF: 8.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.020 χ^2 /NDF: 14.7/13

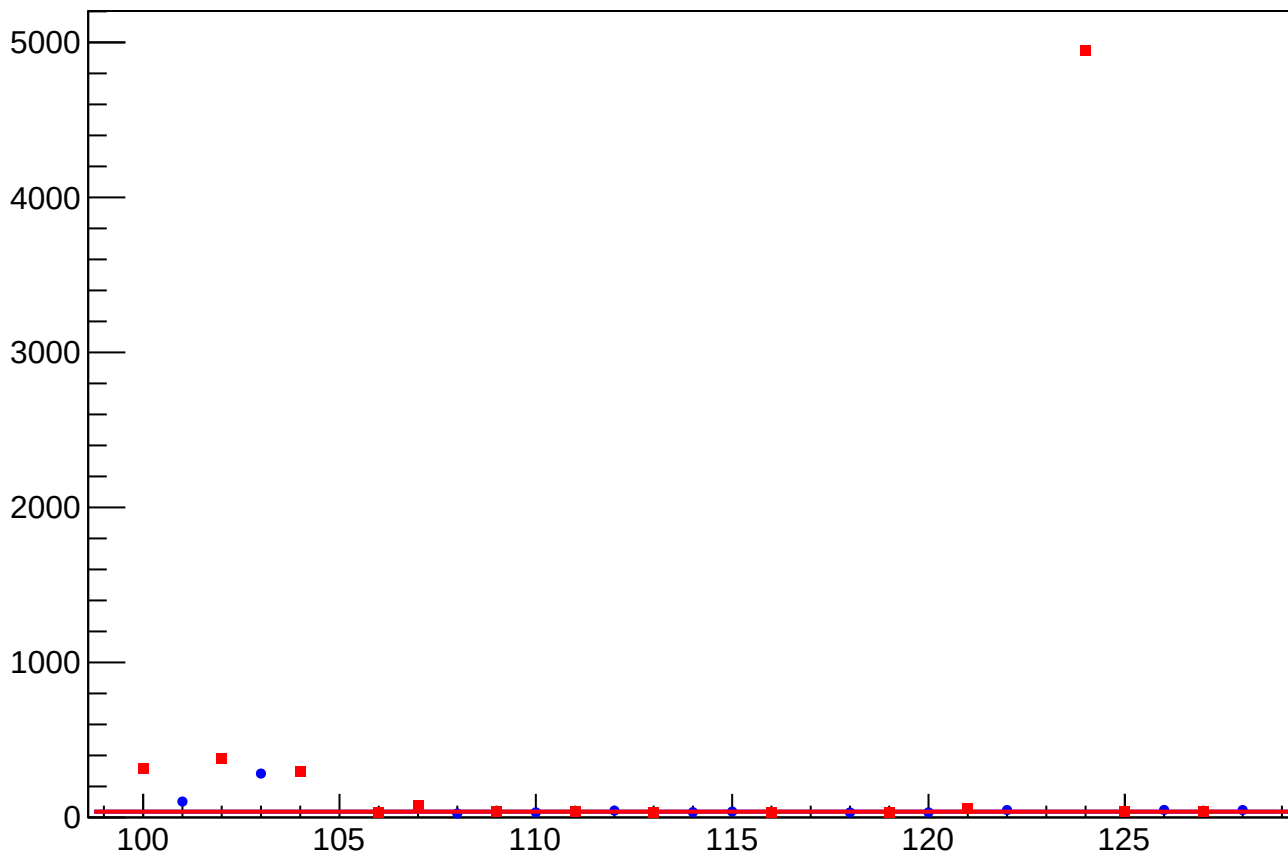
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

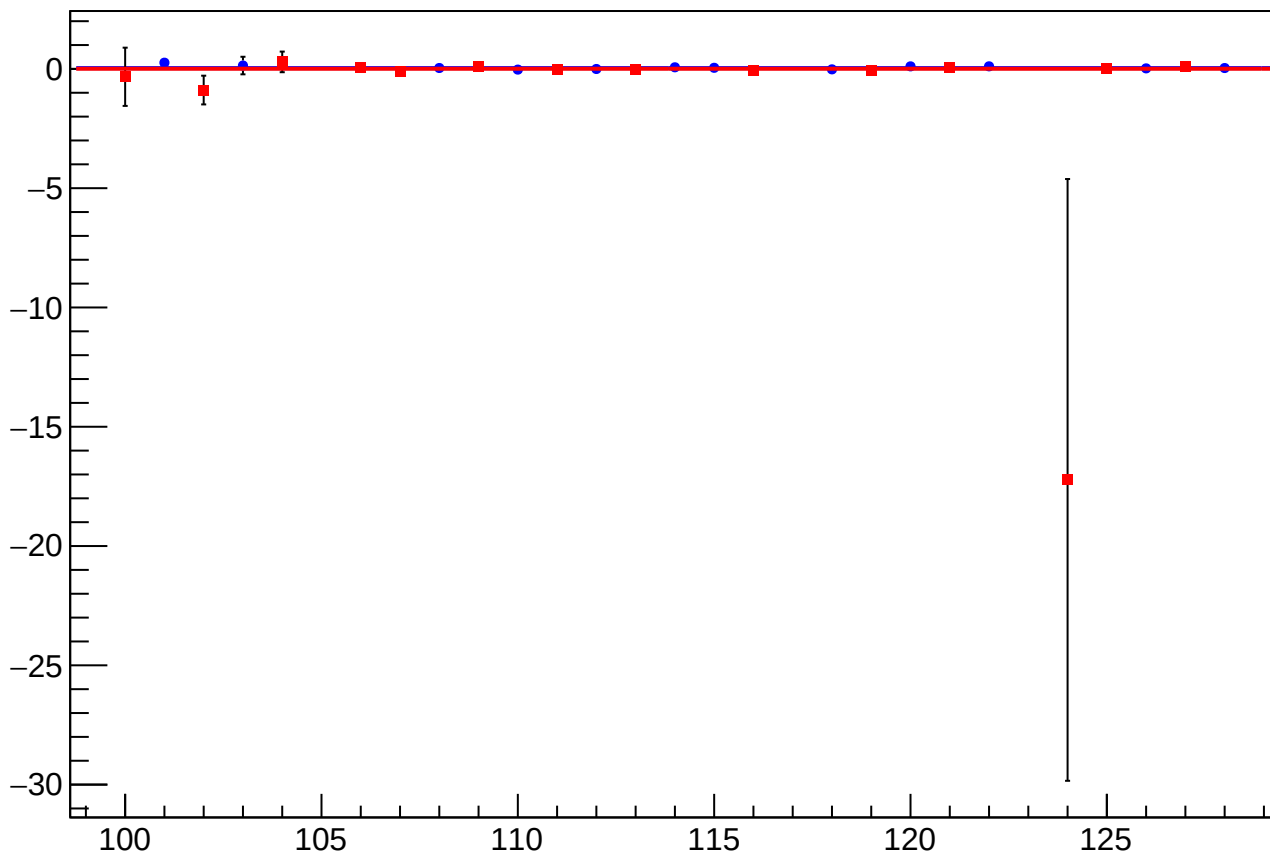
All: 0.020 $\pm$ 0.014 χ^2 /NDF: 23.9/25

- 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



asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.033 $\pm$ 0.020 χ^2 /NDF: 8.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.020 χ^2 /NDF: 14.7/13

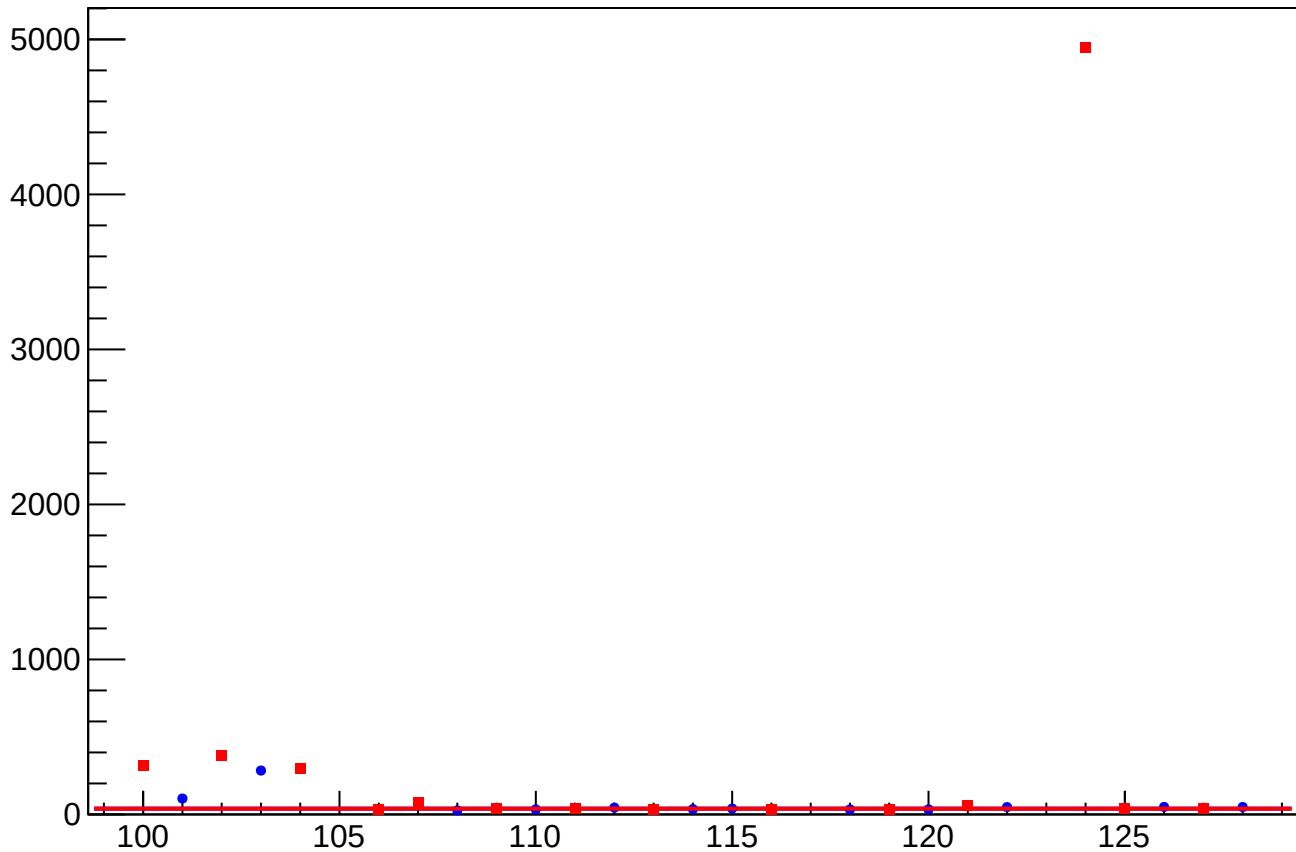
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

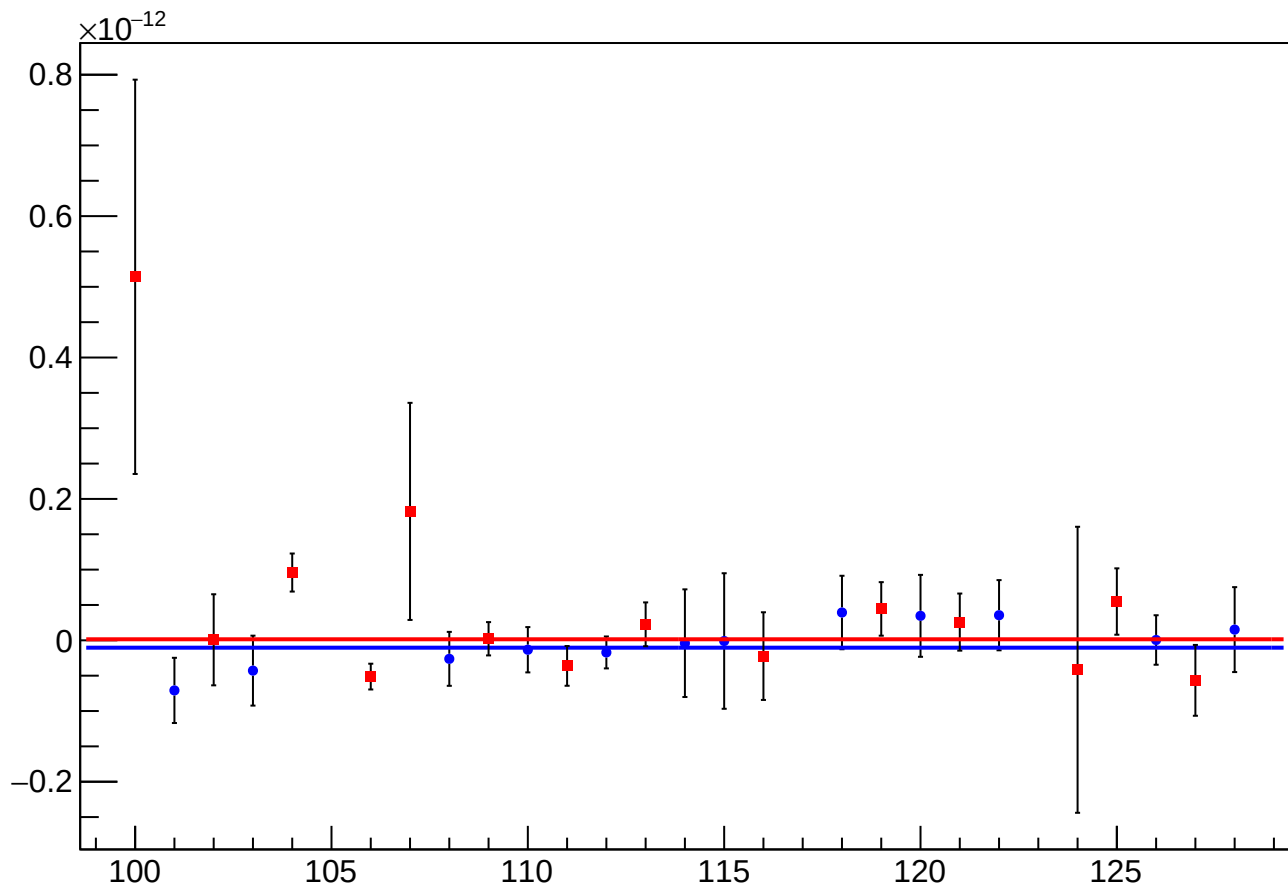
All: 0.020 $\pm$ 0.014 χ^2 /NDF: 23.9/25

- 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 : 5.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 32.2/13

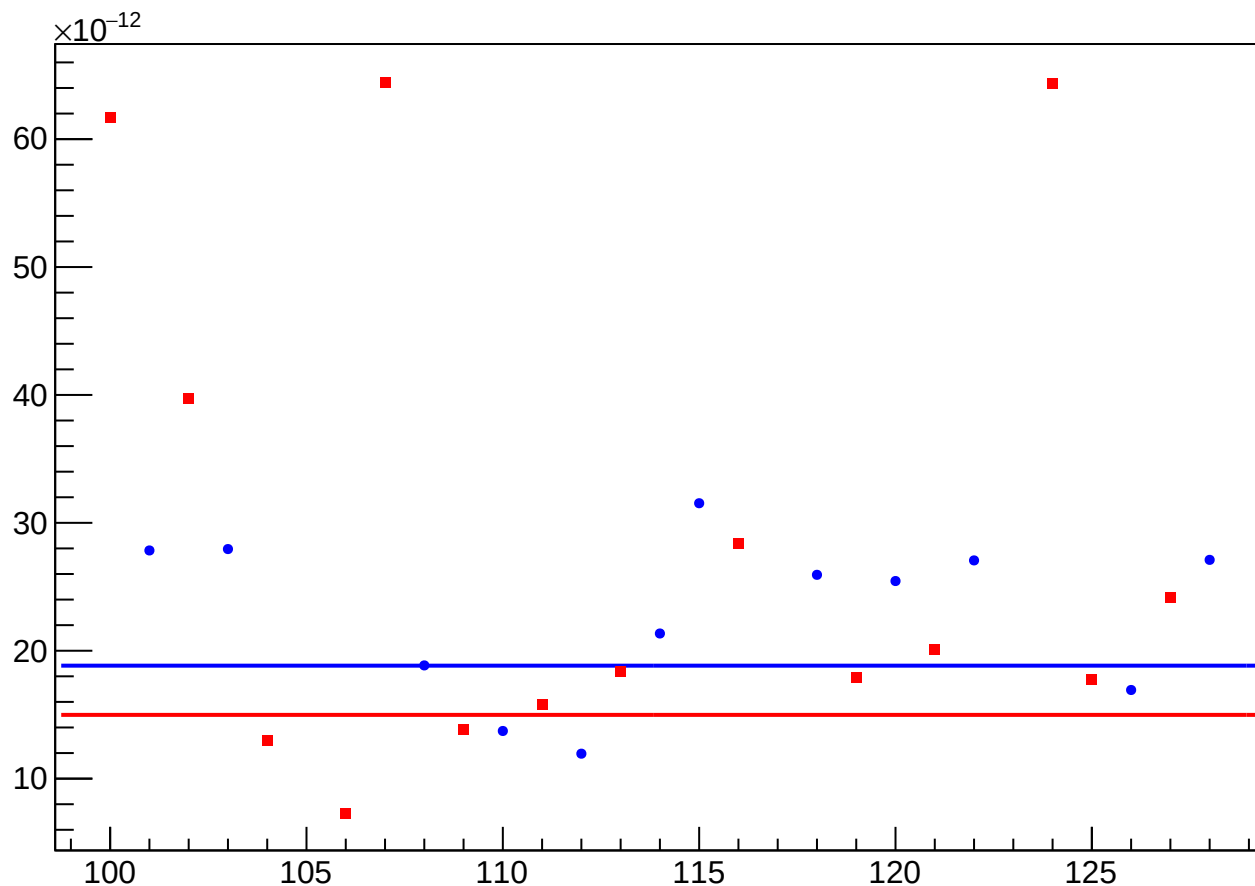
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 37.9/25

- 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 : 580325.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1290987.3/13

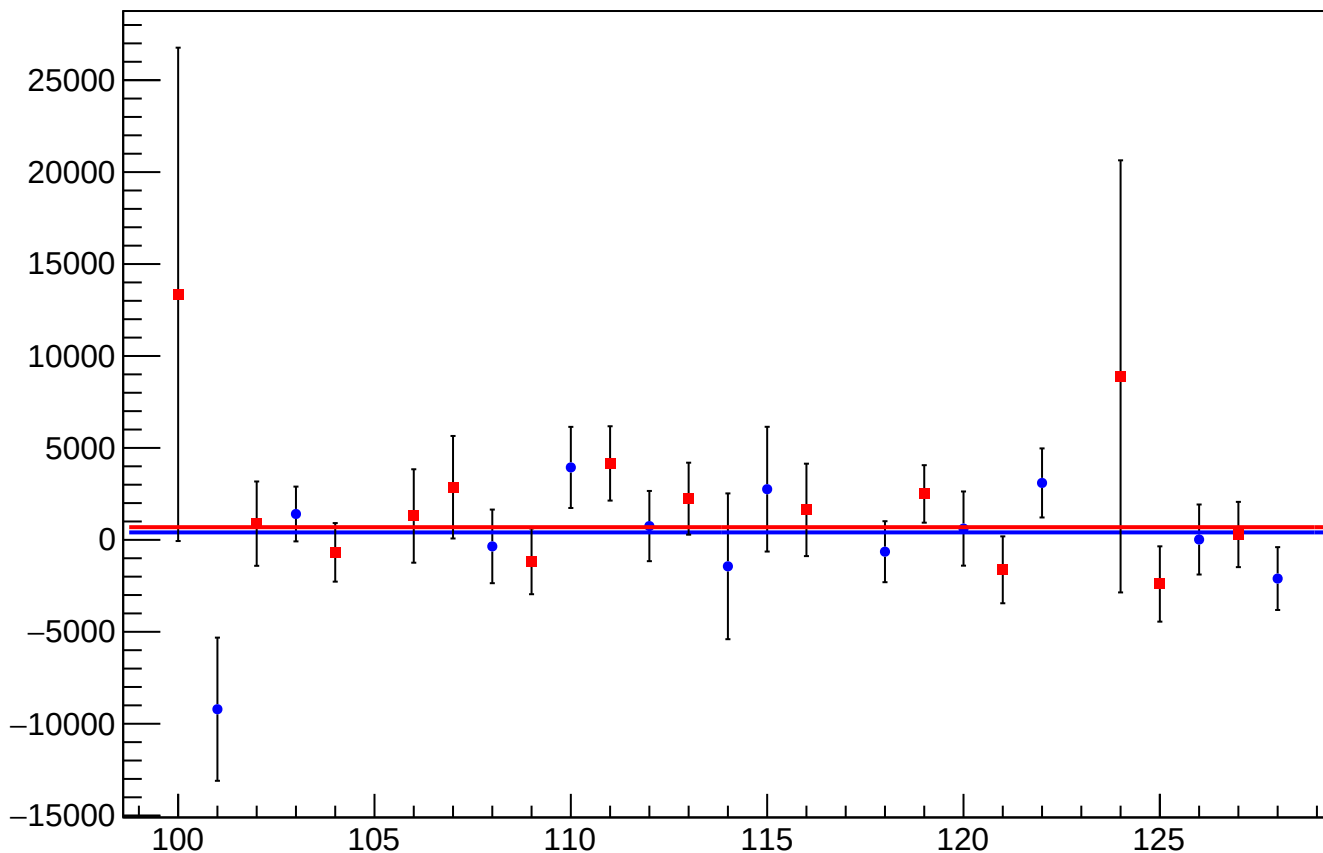
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1998535.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 406.296+/-586.424 χ^2/NDF : 14.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 690.040+/-565.806 χ^2/NDF : 12.9/13

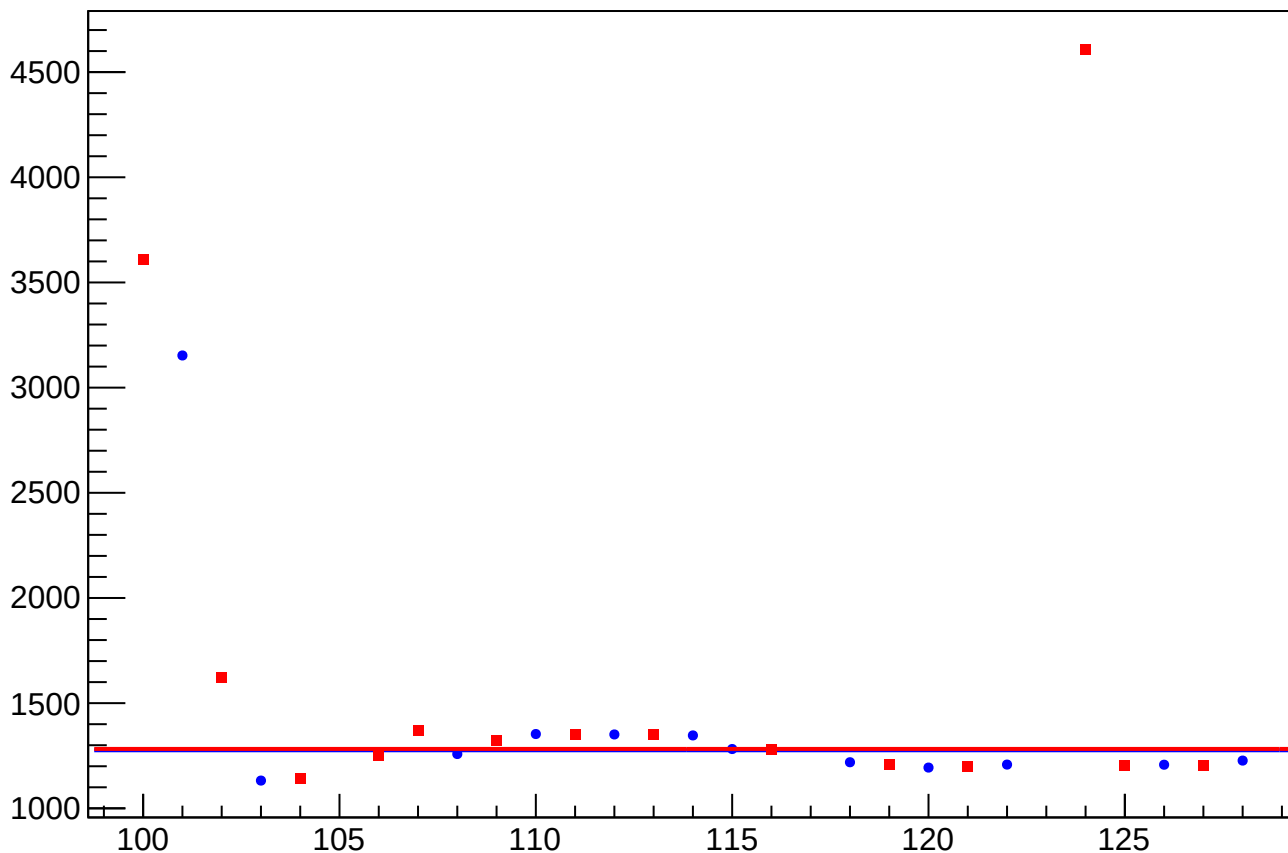
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 553.244+/-407.179 χ^2/NDF : 27.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1276.016+/-0.415 χ^2/NDF : 502463.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1282.424+/-0.400 χ^2/NDF : 304551.2/13

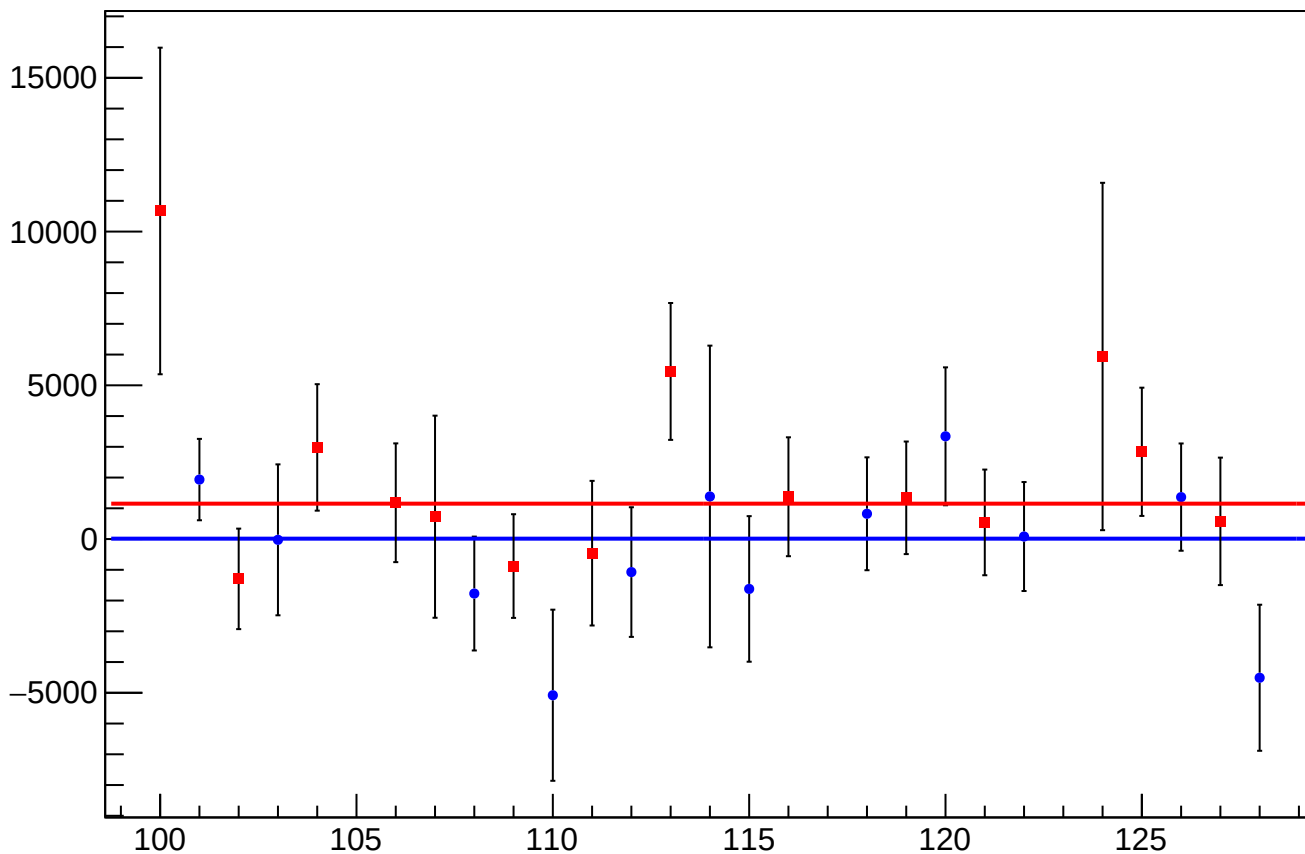
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1279.335+/-0.288 χ^2/NDF : 807138.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_reg_correction_mean vs Slug



Right In: 12.671 $\pm$ 584.960 χ^2 /NDF: 13.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1151.046 $\pm$ 564.341 χ^2 /NDF: 13.5/13

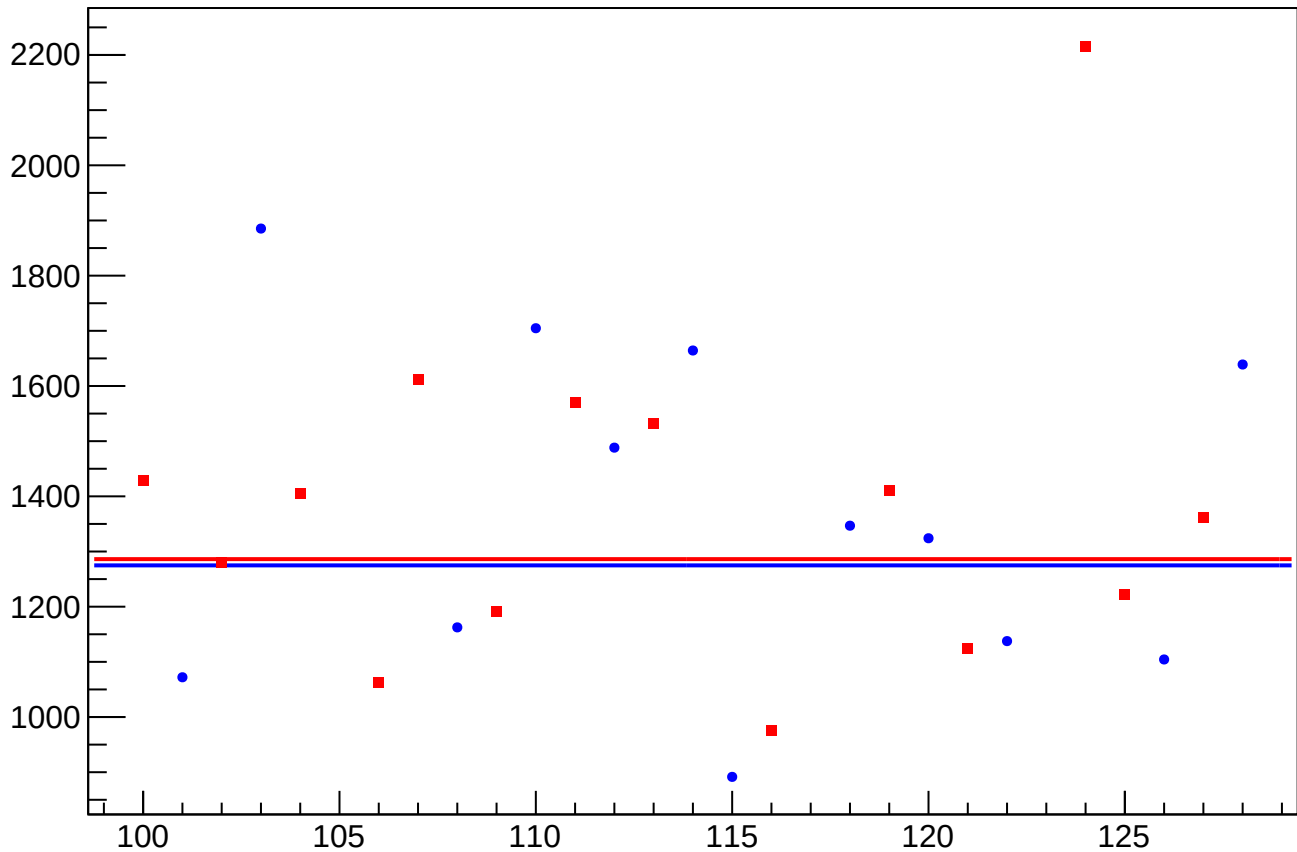
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 602.275 $\pm$ 406.143 χ^2 /NDF: 29.3/25

- 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: 1274.867+/-0.414 χ^2/NDF : 393430.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

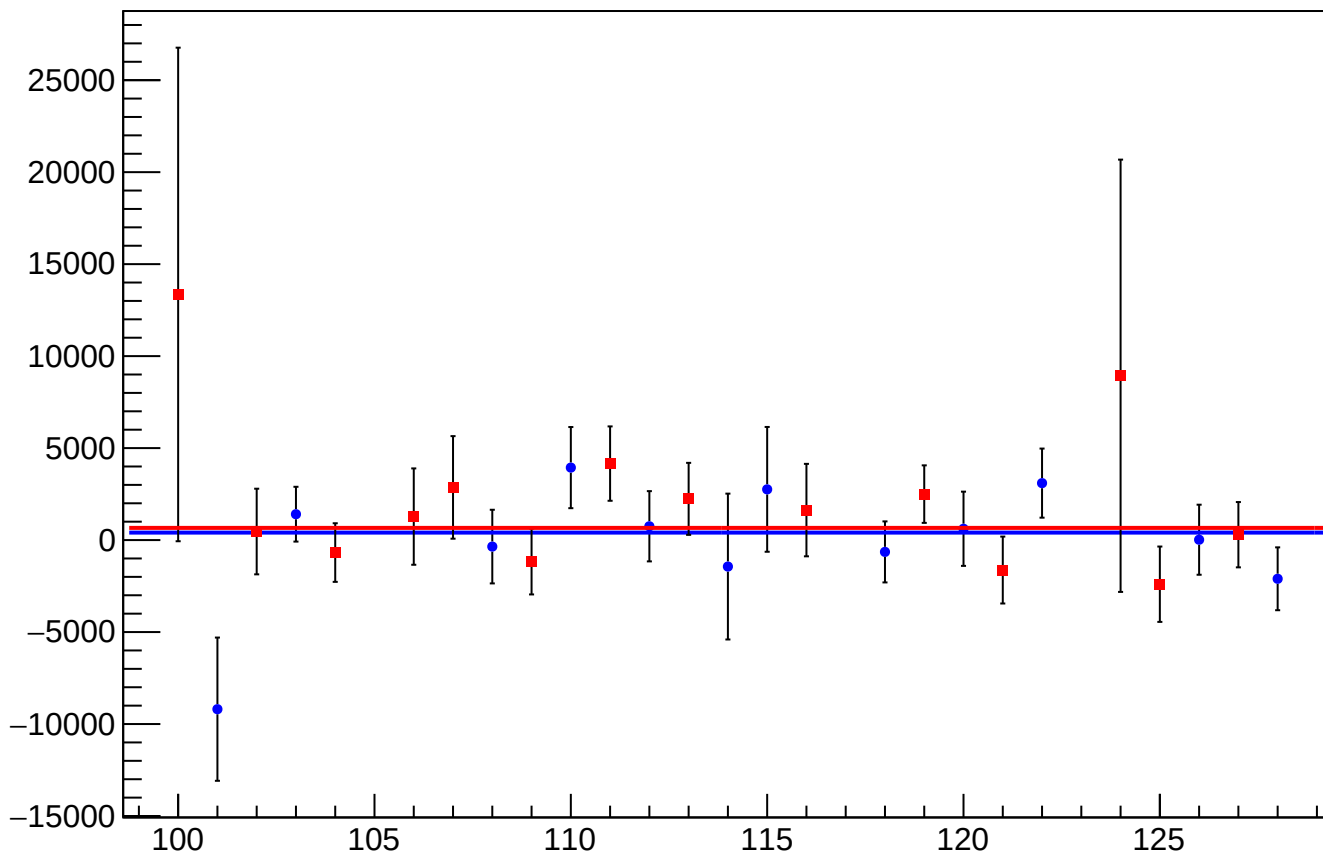
Right Out: 1286.199+/-0.399 χ^2/NDF : 251765.9/13

All: 1280.736+/-0.287 χ^2/NDF : 645584.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 406.690+/-586.424 χ^2/NDF : 14.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 662.440+/-567.142 χ^2/NDF : 12.9/13

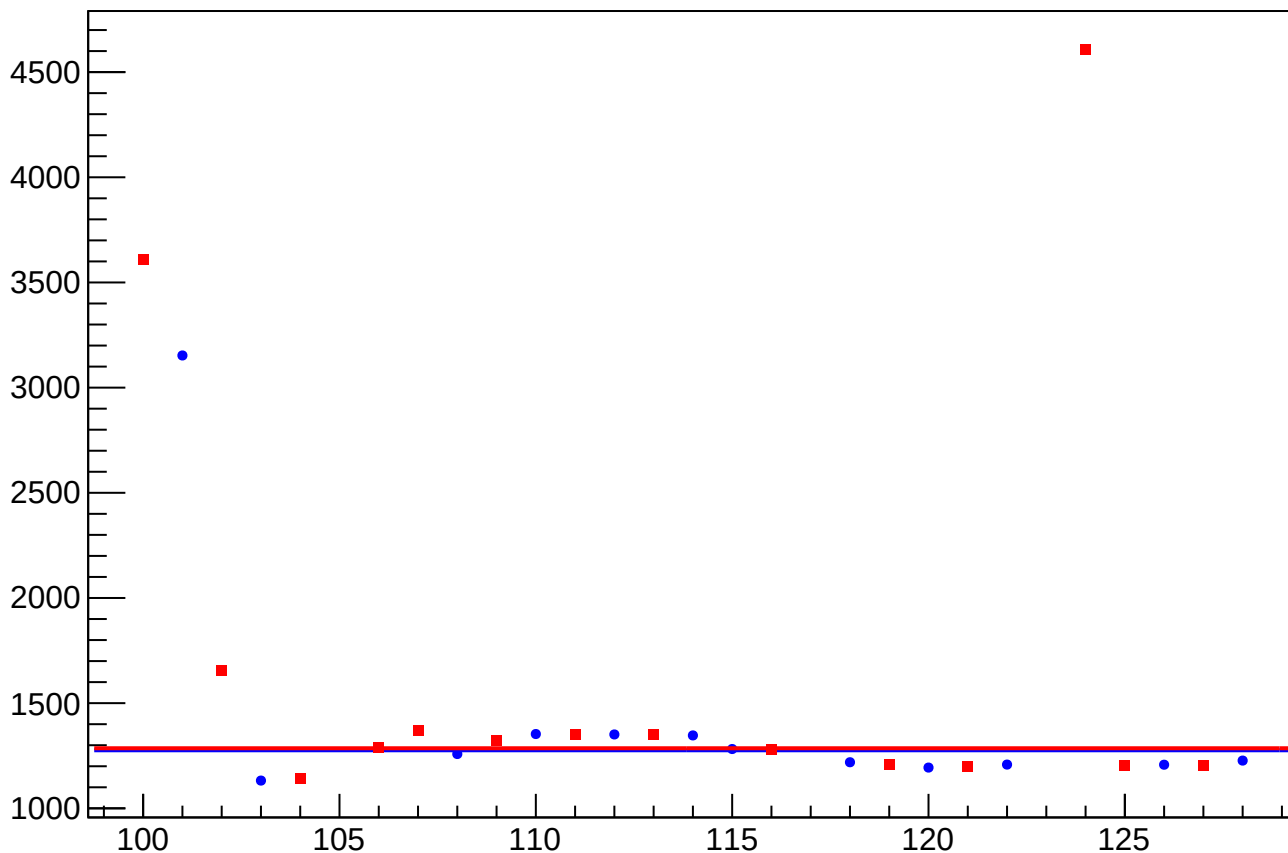
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 538.838+/-407.676 χ^2/NDF : 27.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1276.016+/-0.415 χ^2/NDF : 502464.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.603+/-0.401 χ^2/NDF : 311187.6/13

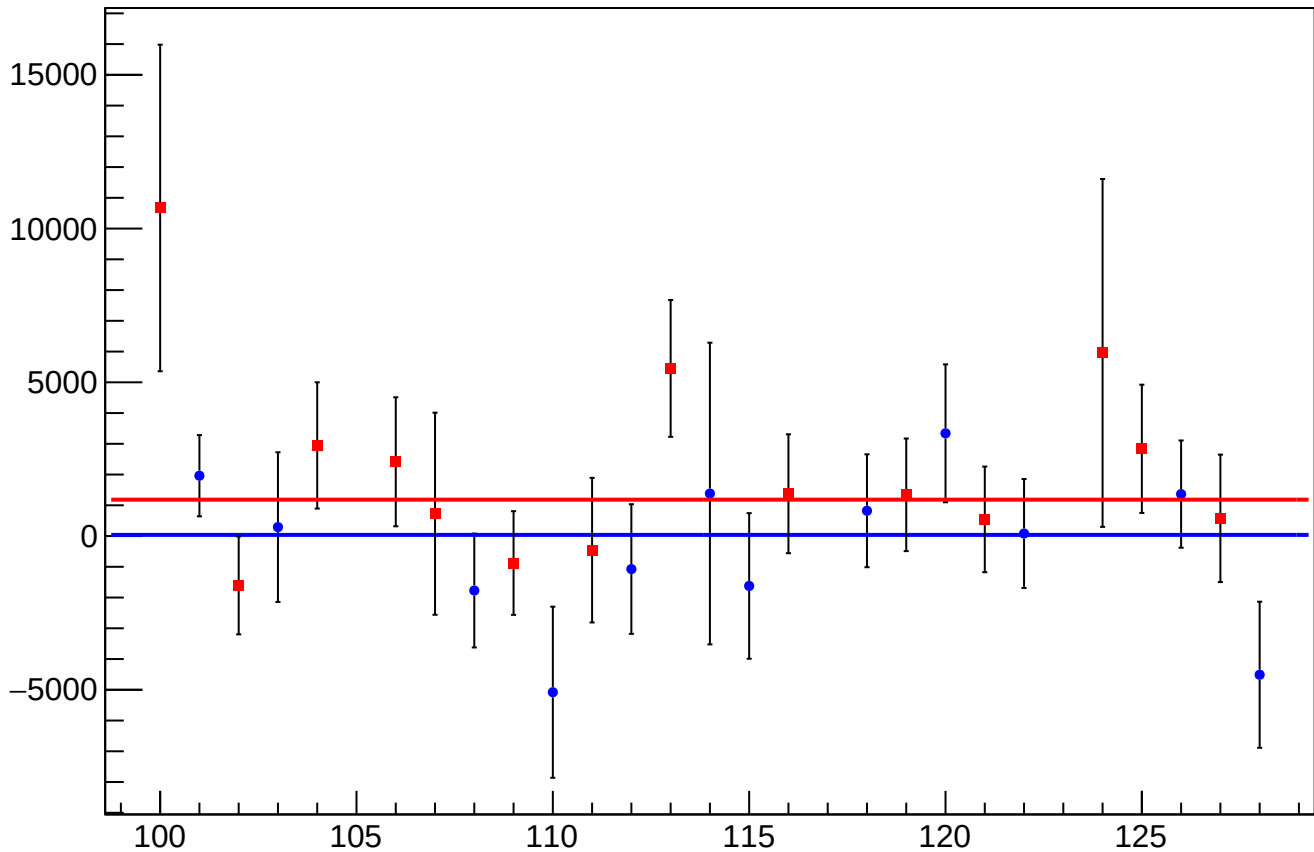
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1280.969+/-0.288 χ^2/NDF : 813928.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_cor_correction_mean vs Slug



Right In: 37.407 $\pm$ 584.503 χ^2 /NDF: 13.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1183.716 $\pm$ 566.151 χ^2 /NDF: 14.6/13

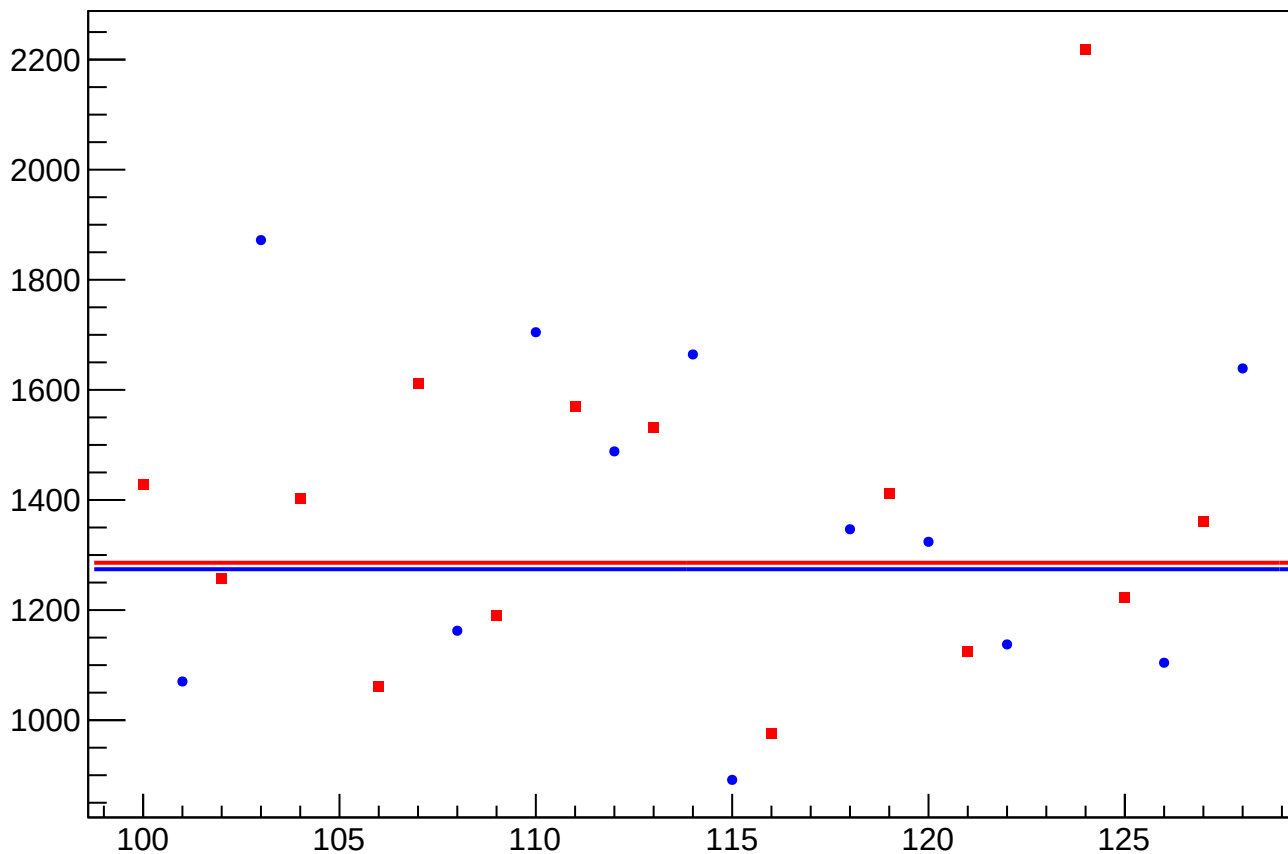
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 628.839 $\pm$ 406.663 χ^2 /NDF: 30.5/25

- 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: 1274.208+/-0.413 χ^2/NDF : 391084.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.977+/-0.400 χ^2/NDF : 248855.1/13

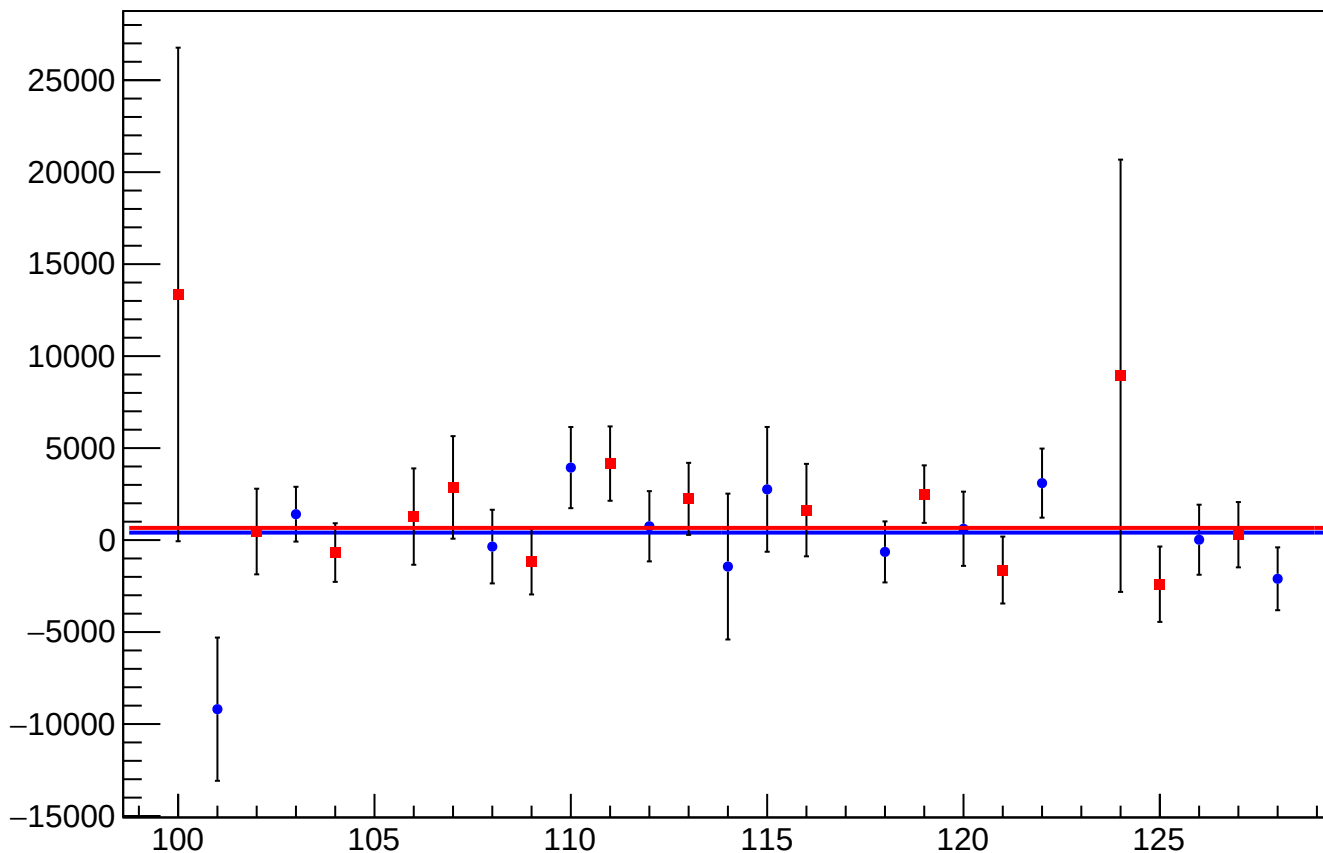
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1280.280+/-0.288 χ^2/NDF : 640358.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 406.690+/-586.424 χ^2/NDF : 14.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 662.440+/-567.142 χ^2/NDF : 12.9/13

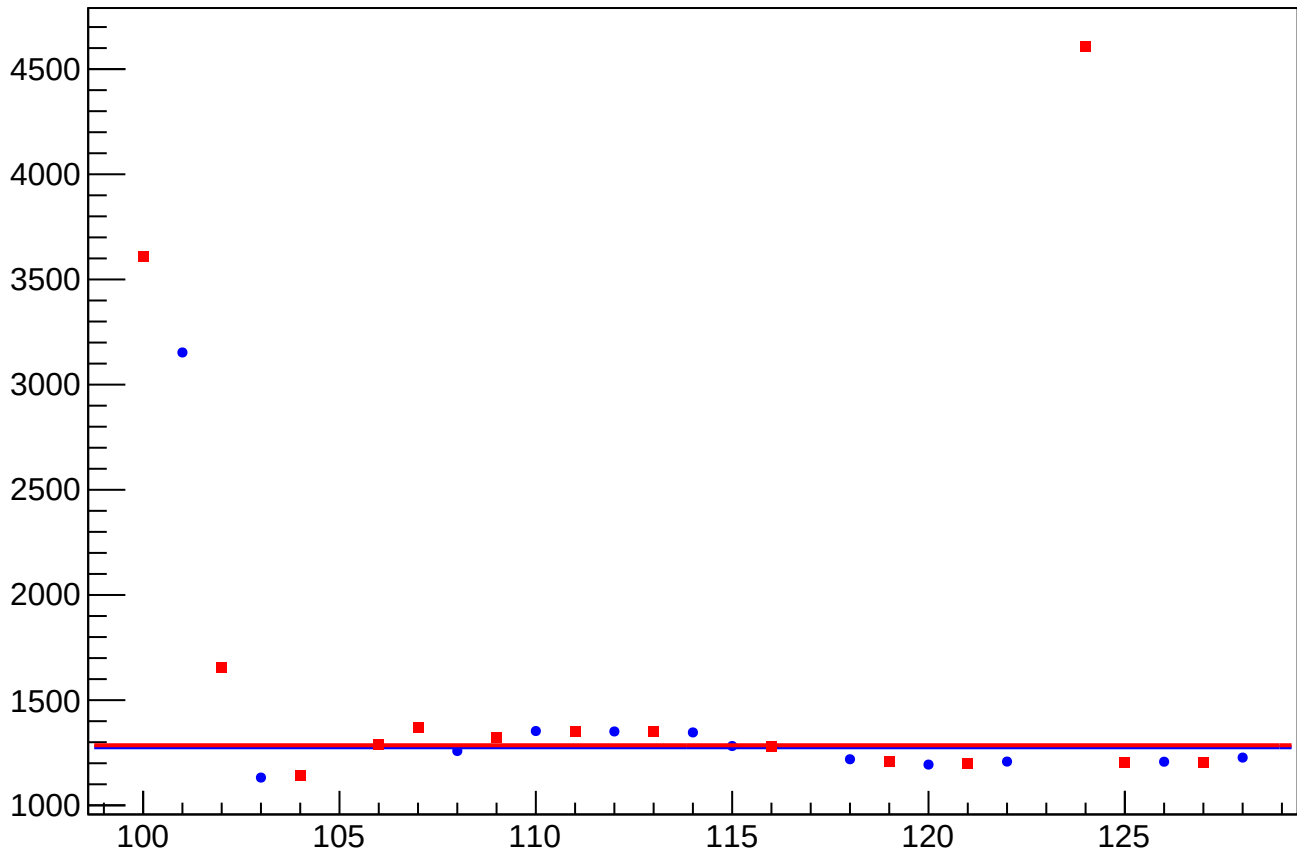
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 538.838+/-407.676 χ^2/NDF : 27.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1276.016+/-0.415 χ^2/NDF : 502464.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.603+/-0.401 χ^2/NDF : 311187.6/13

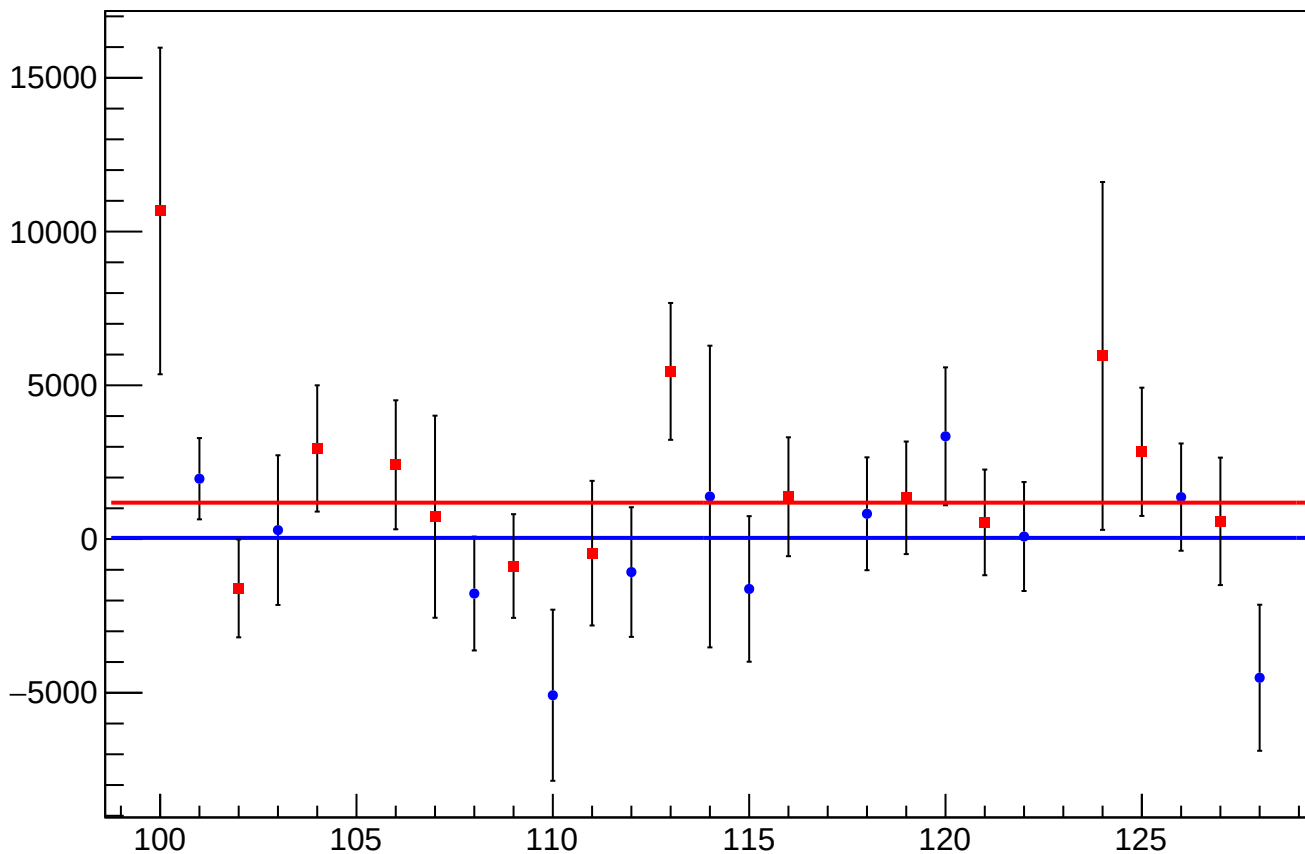
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1280.969+/-0.288 χ^2/NDF : 813928.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_cor_correction_mean vs Slug



Right In: 37.407 $\pm$ 584.503 χ^2 /NDF: 13.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1183.716 $\pm$ 566.151 χ^2 /NDF: 14.6/13

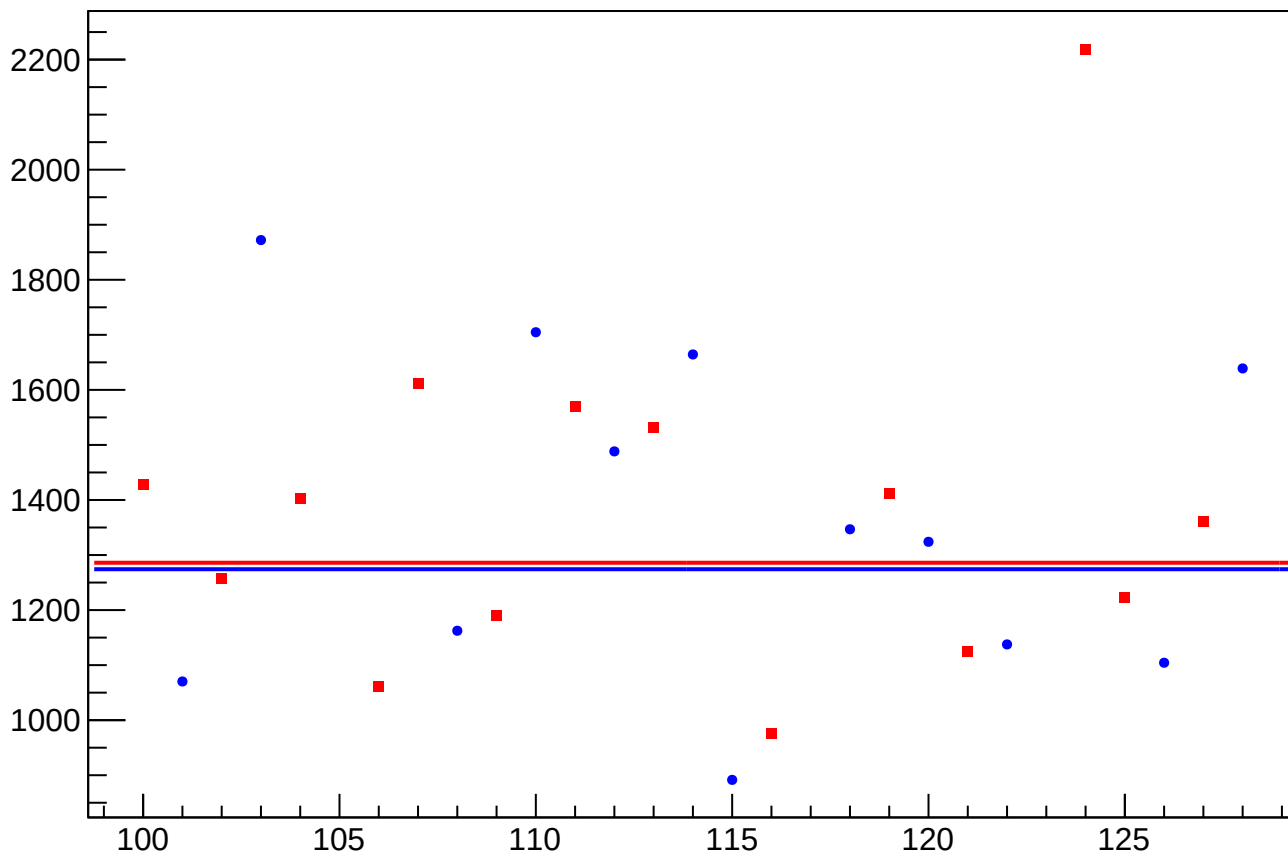
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 628.839 $\pm$ 406.663 χ^2 /NDF: 30.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_eigen_cor_correction_rms vs Slug



Right In: 1274.208+/-0.413 χ^2/NDF : 391084.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.977+/-0.400 χ^2/NDF : 248855.1/13

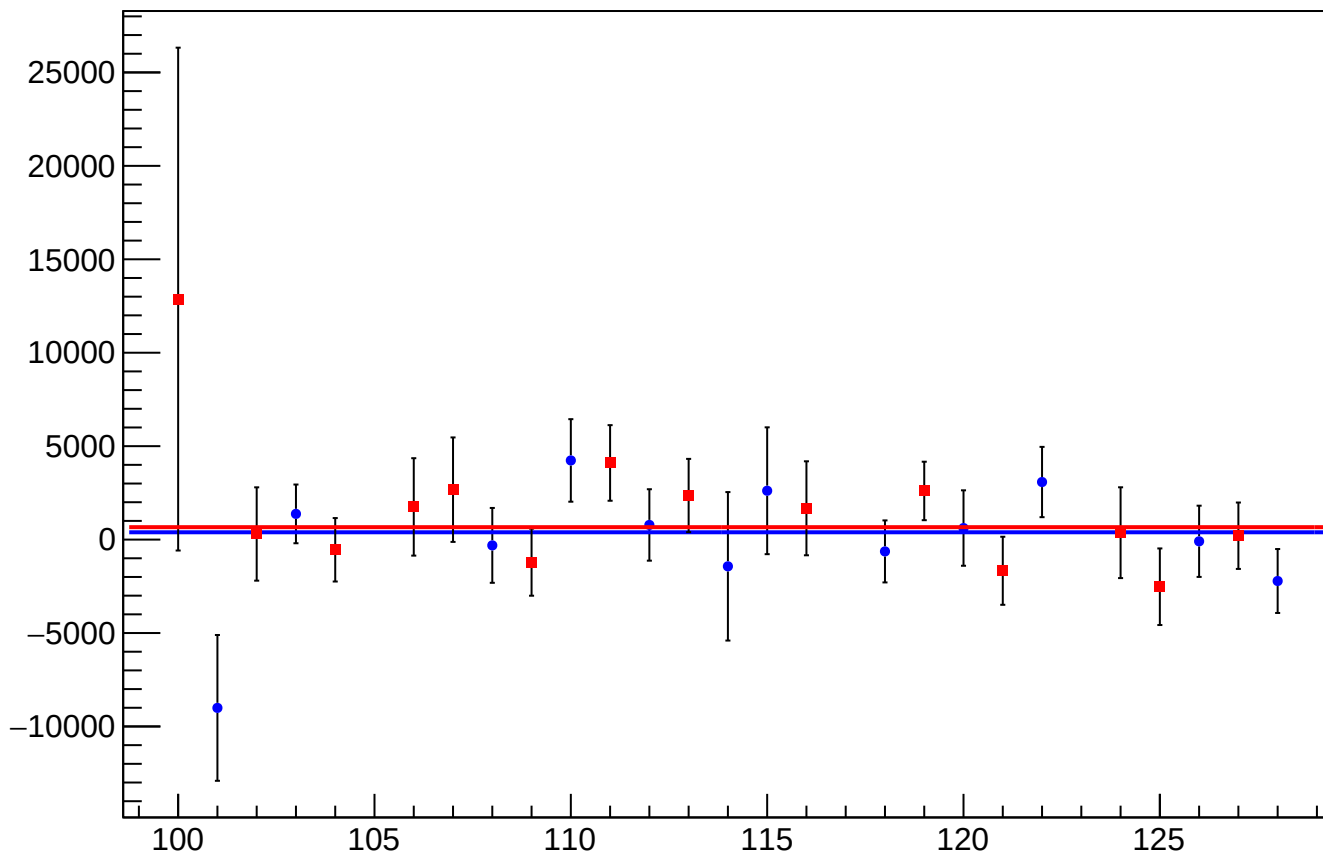
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1280.280+/-0.288 χ^2/NDF : 640358.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 391.442 $\pm$ 591.621 χ^2 /NDF: 14.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 664.653 $\pm$ 559.455 χ^2 /NDF: 12.6/13

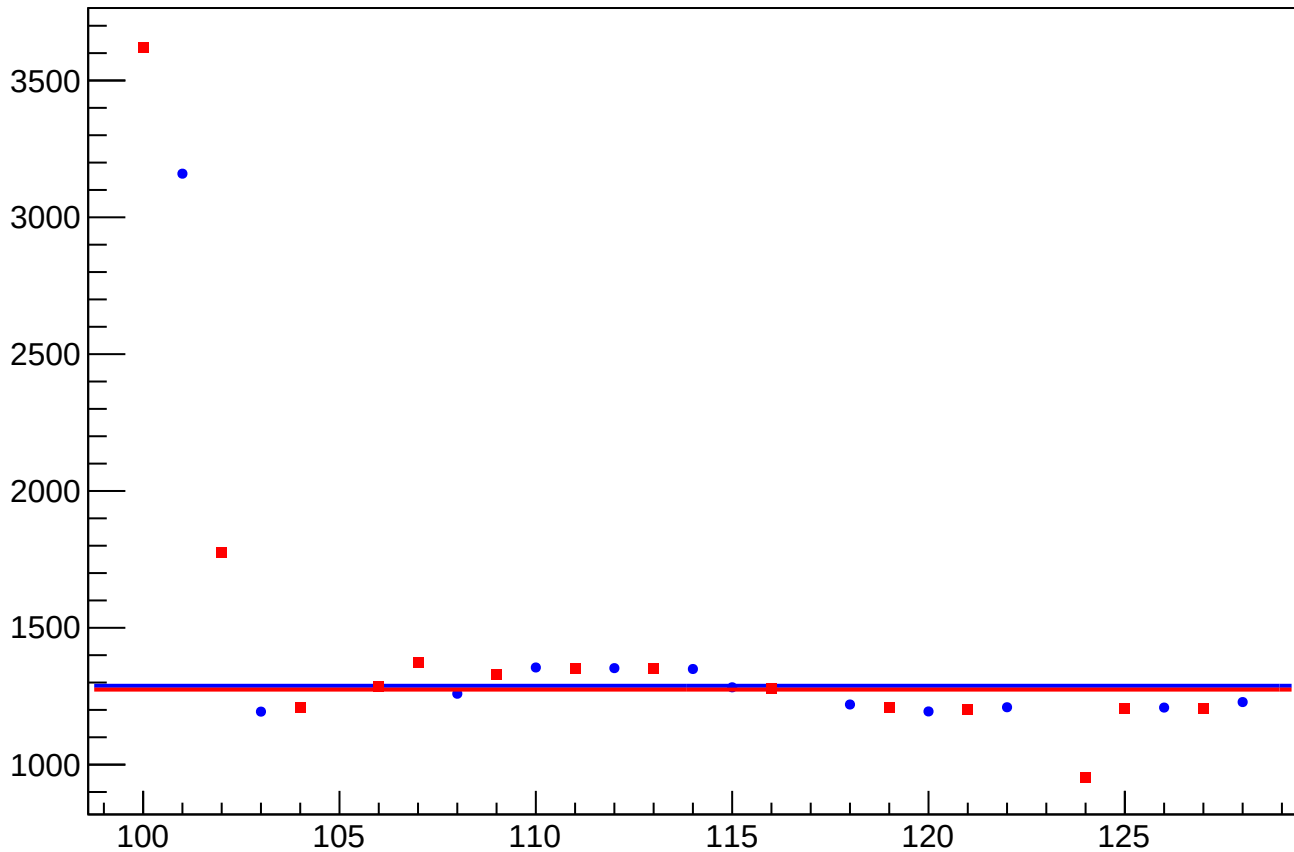
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 535.677 $\pm$ 406.490 χ^2 /NDF: 27.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1288.143+/-0.418 χ^2/NDF : 489494.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

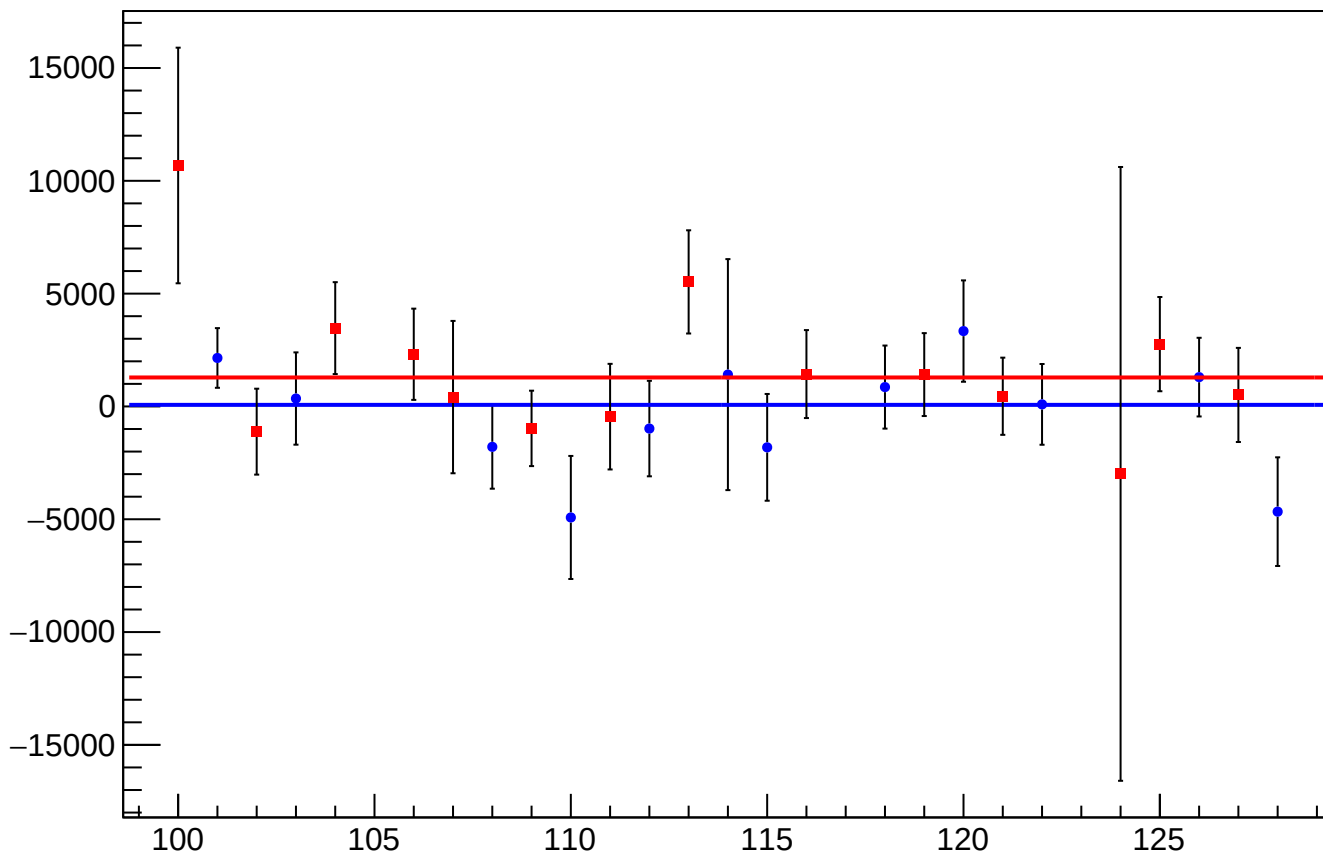
Right Out: 1274.183+/-0.396 χ^2/NDF : 202239.0/13

All: 1280.773+/-0.287 χ^2/NDF : 692321.6/25

- 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: 69.773+/-578.983 χ^2/NDF : 14.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.181+/-578.937 χ^2/NDF : 13.1/13

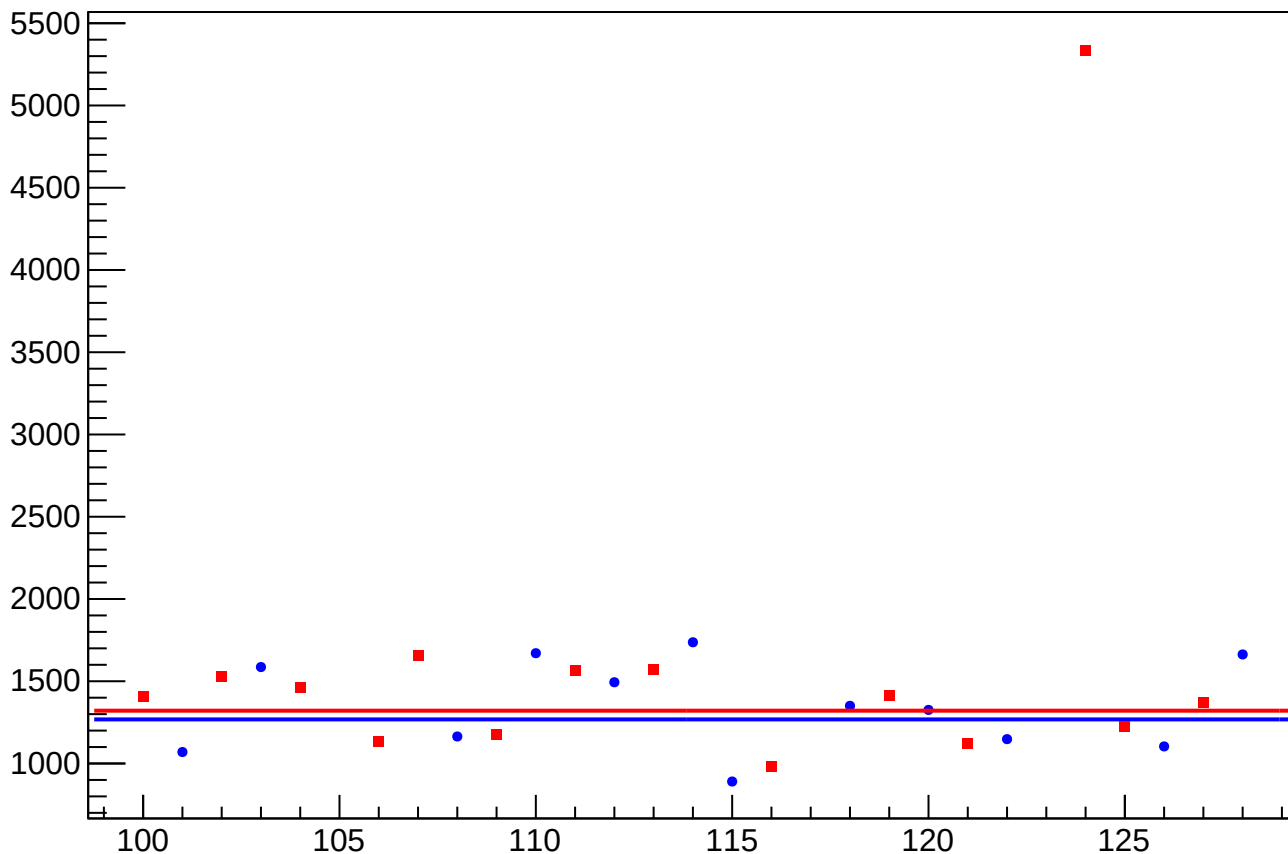
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 677.025+/-409.387 χ^2/NDF : 29.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_dit_correction_rms vs Slug



Right In: 1267.987+/-0.409 χ^2/NDF : 319584.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

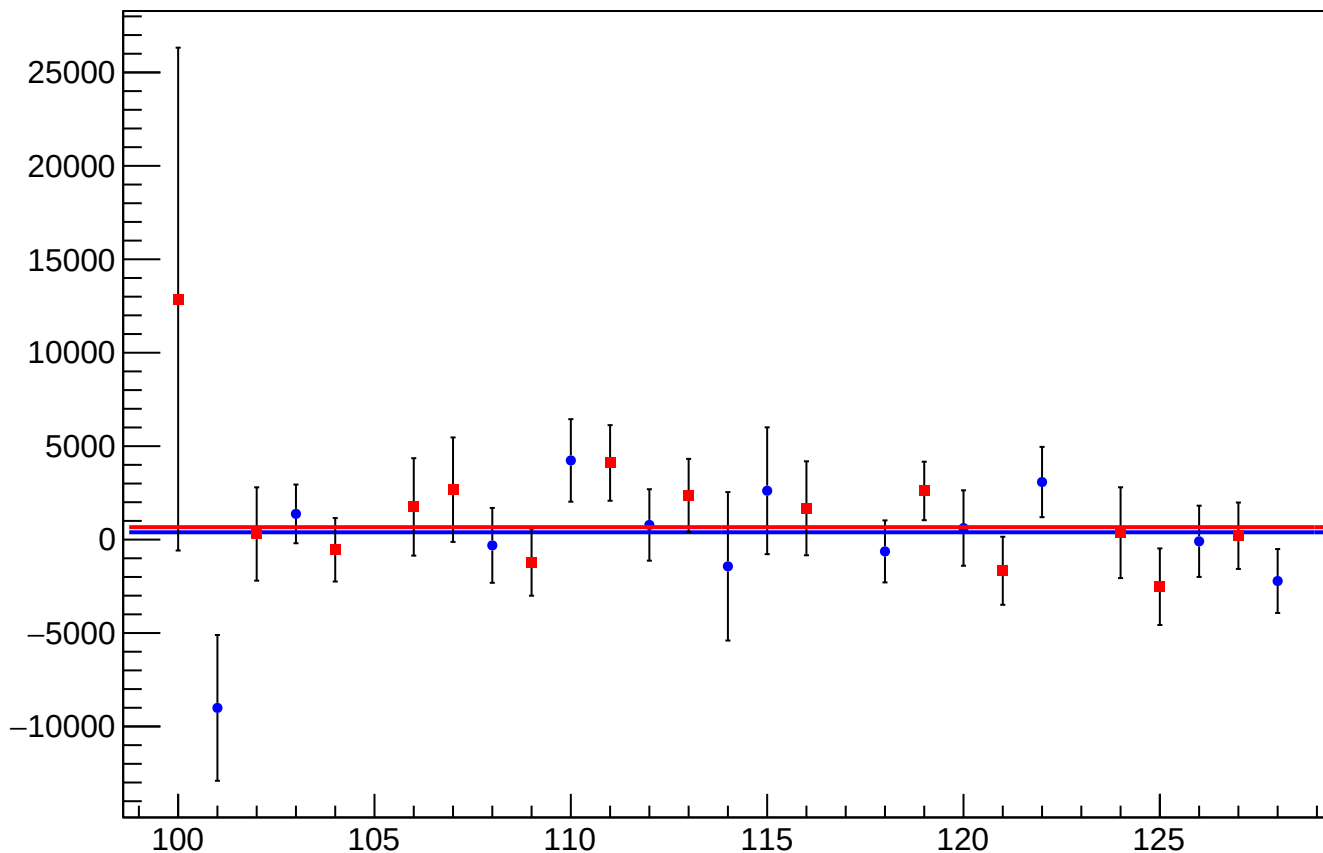
Right Out: 1321.100+/-0.409 χ^2/NDF : 405068.7/13

All: 1294.546+/-0.289 χ^2/NDF : 733069.3/25

- 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: 391.441+/-591.621 χ^2/NDF : 14.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 664.655+/-559.455 χ^2/NDF : 12.6/13

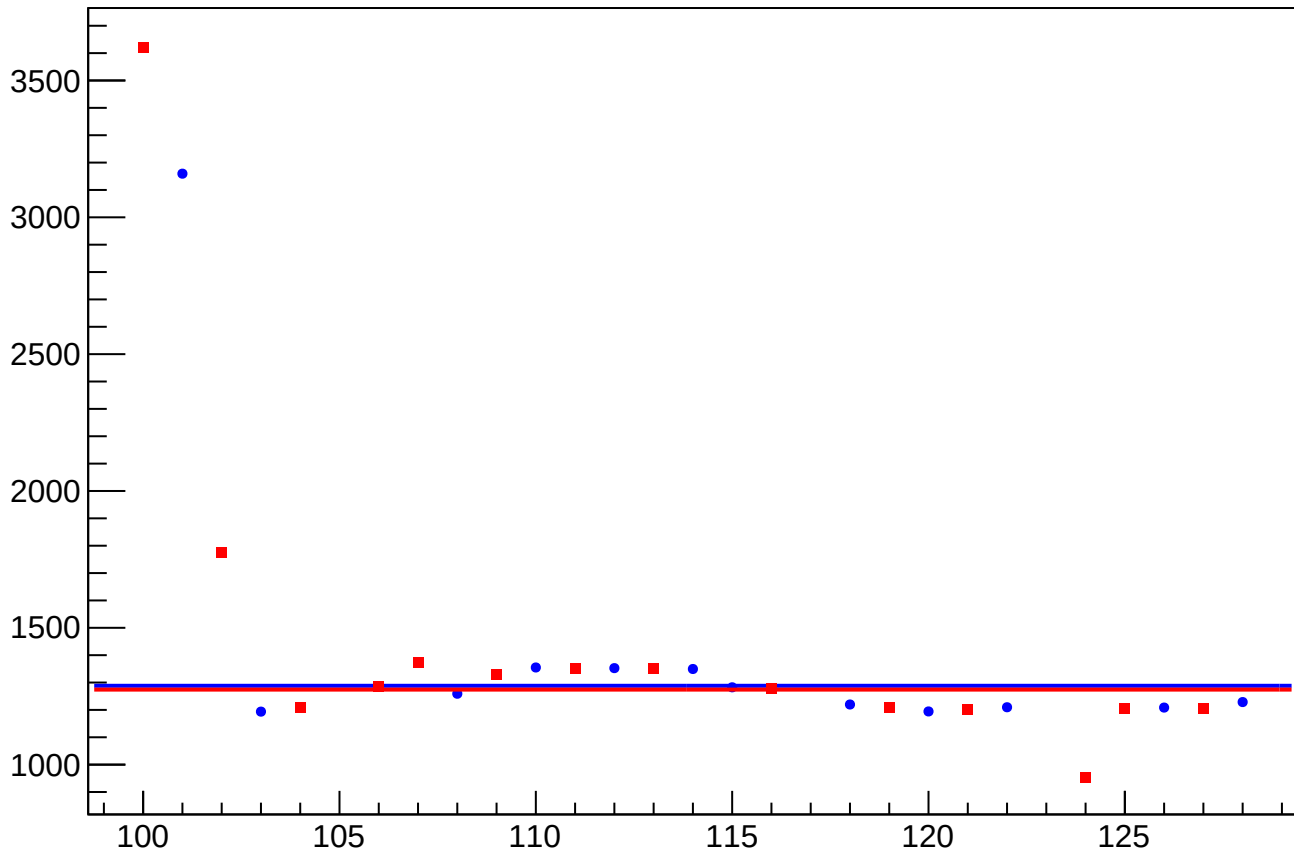
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 535.677+/-406.490 χ^2/NDF : 27.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1288.143+/-0.418 χ^2/NDF : 489494.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1274.183+/-0.396 χ^2/NDF : 202238.9/13

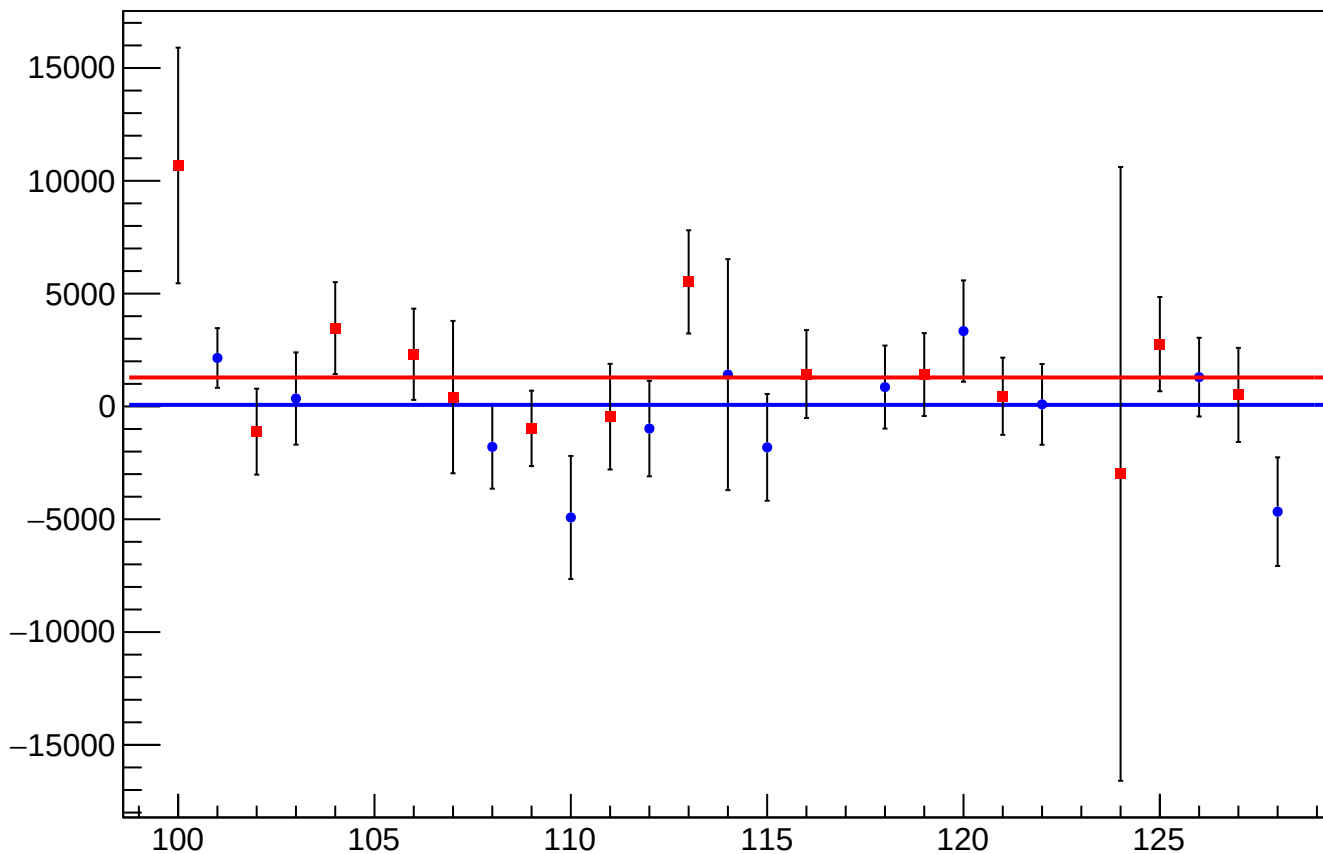
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1280.773+/-0.287 χ^2/NDF : 692321.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_correction_mean vs Slug



Right In: 69.772+/-578.981 χ^2/NDF : 14.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.182+/-578.937 χ^2/NDF : 13.1/13

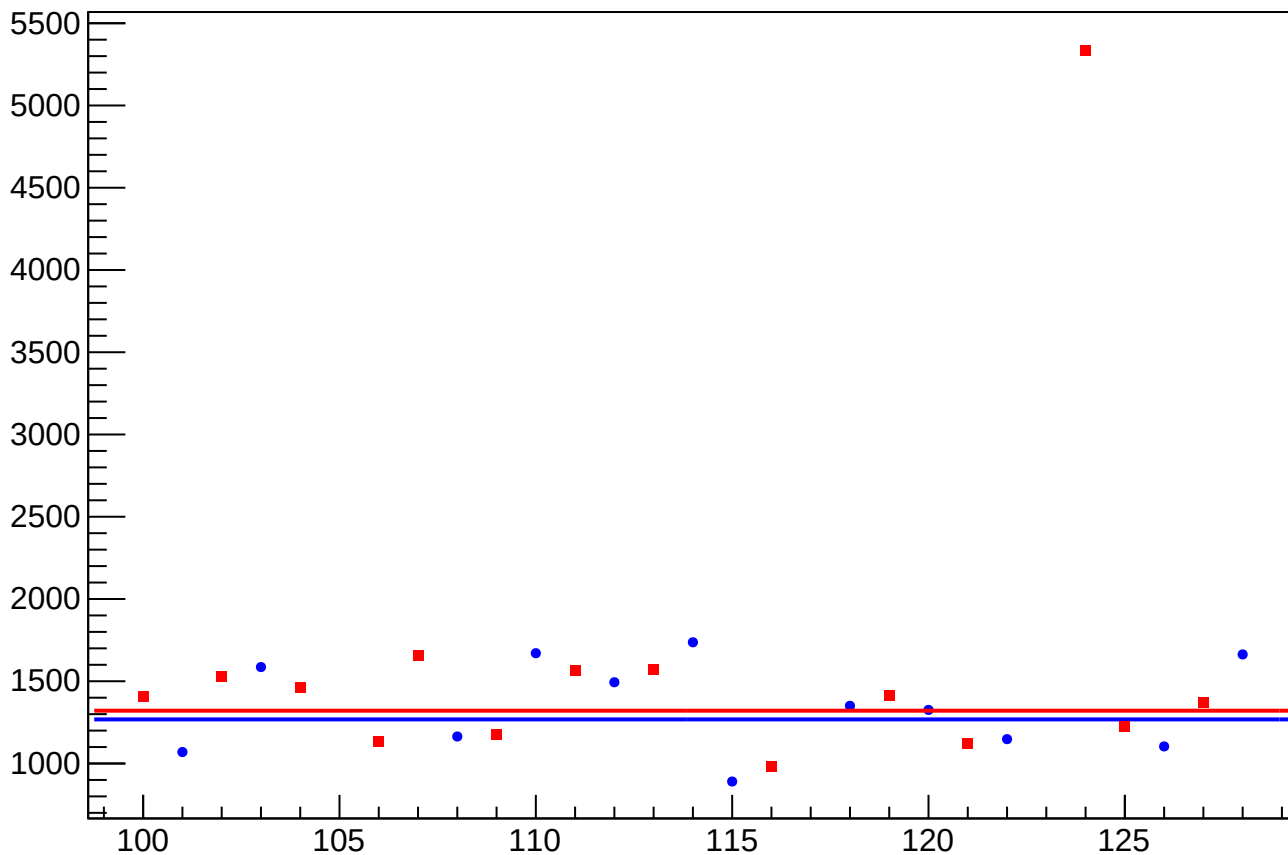
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 677.024+/-409.386 χ^2/NDF : 29.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_correction_rms vs Slug



Right In: 1267.983+/-0.409 χ^2/NDF : 319590.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1321.099+/-0.409 χ^2/NDF : 405069.9/13

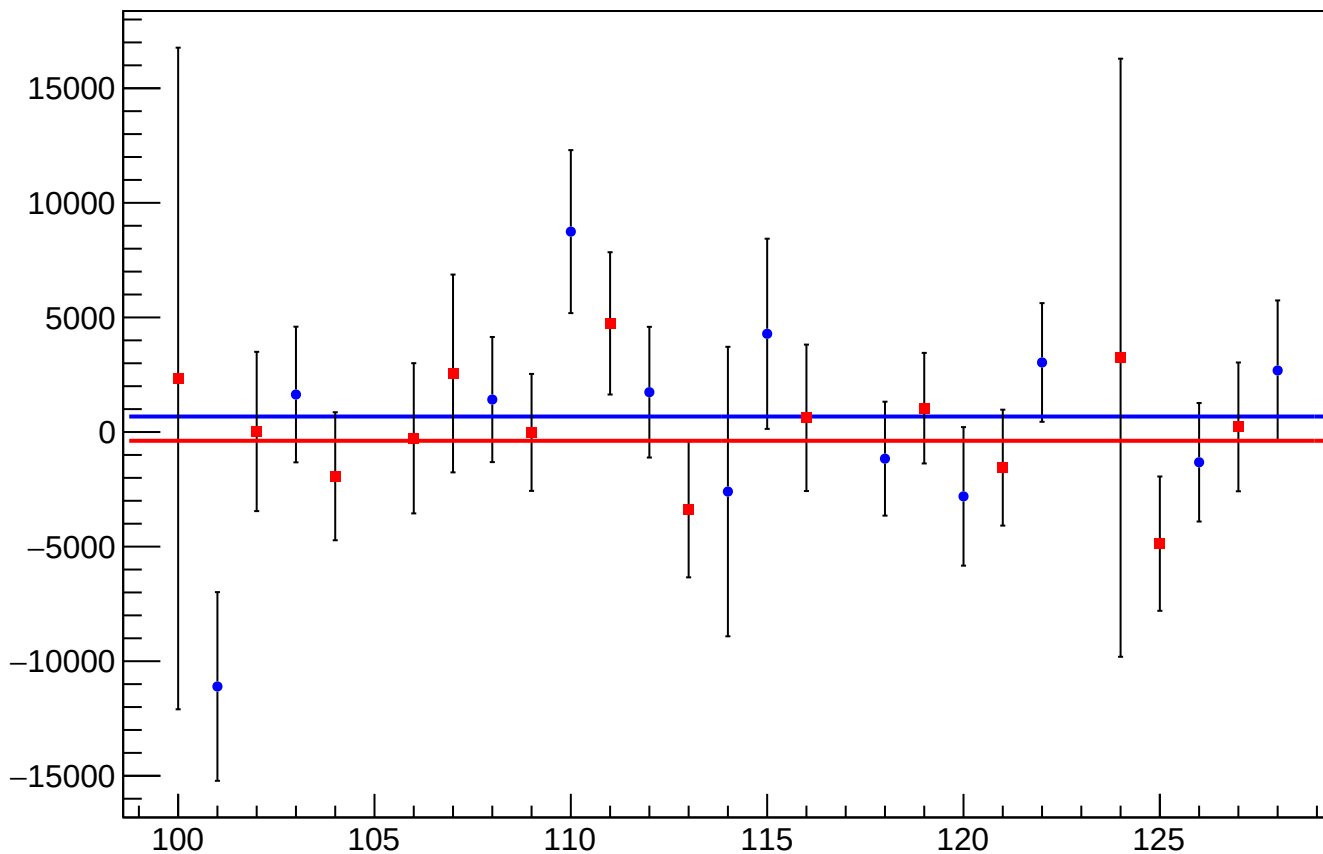
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1294.543+/-0.289 χ^2/NDF : 733076.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 676.768 $\pm$ 887.475 χ^2 /NDF: 18.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -382.050 $\pm$ 842.616 χ^2 /NDF: 7.7/13

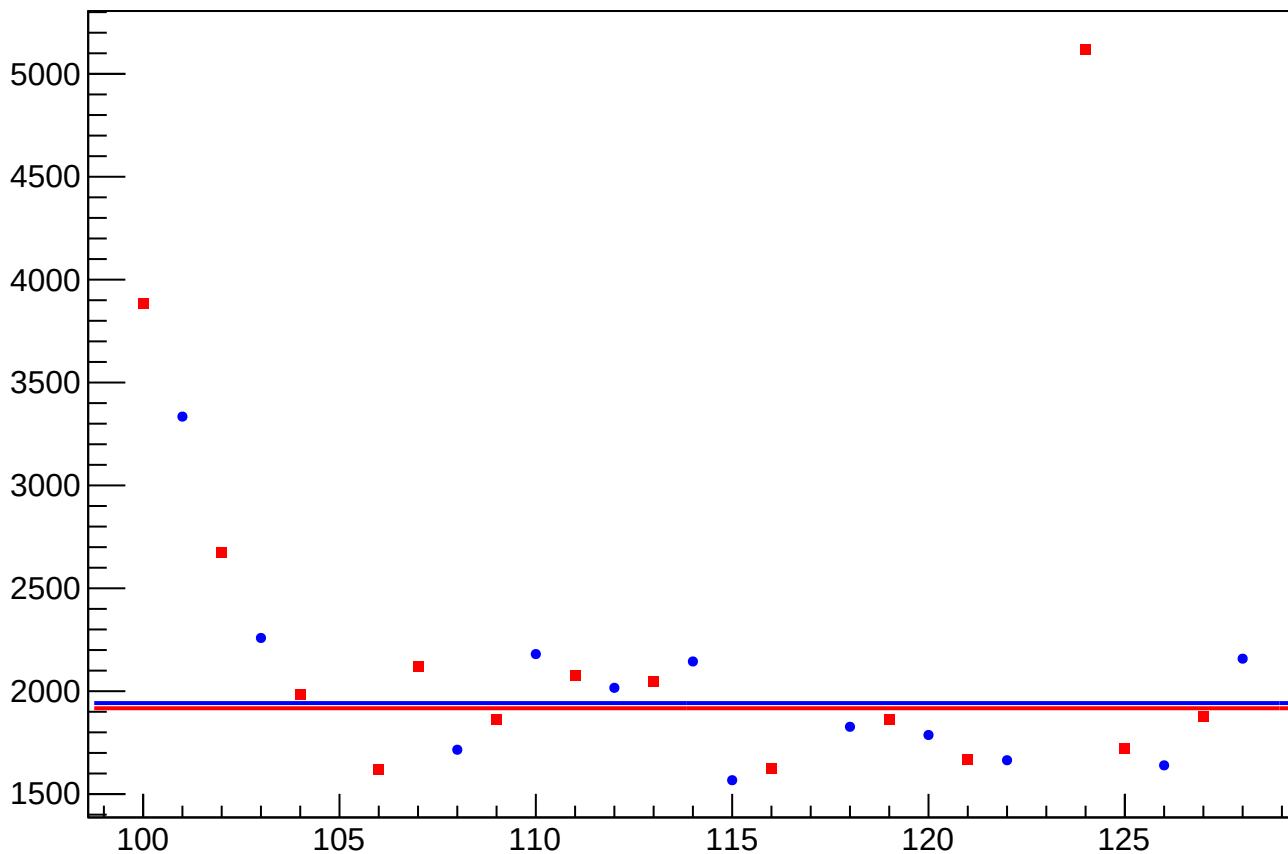
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 119.924 $\pm$ 611.063 χ^2 /NDF: 26.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1942.247+/-0.628 χ^2/NDF : 364037.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1917.134+/-0.596 χ^2/NDF : 331486.5/13

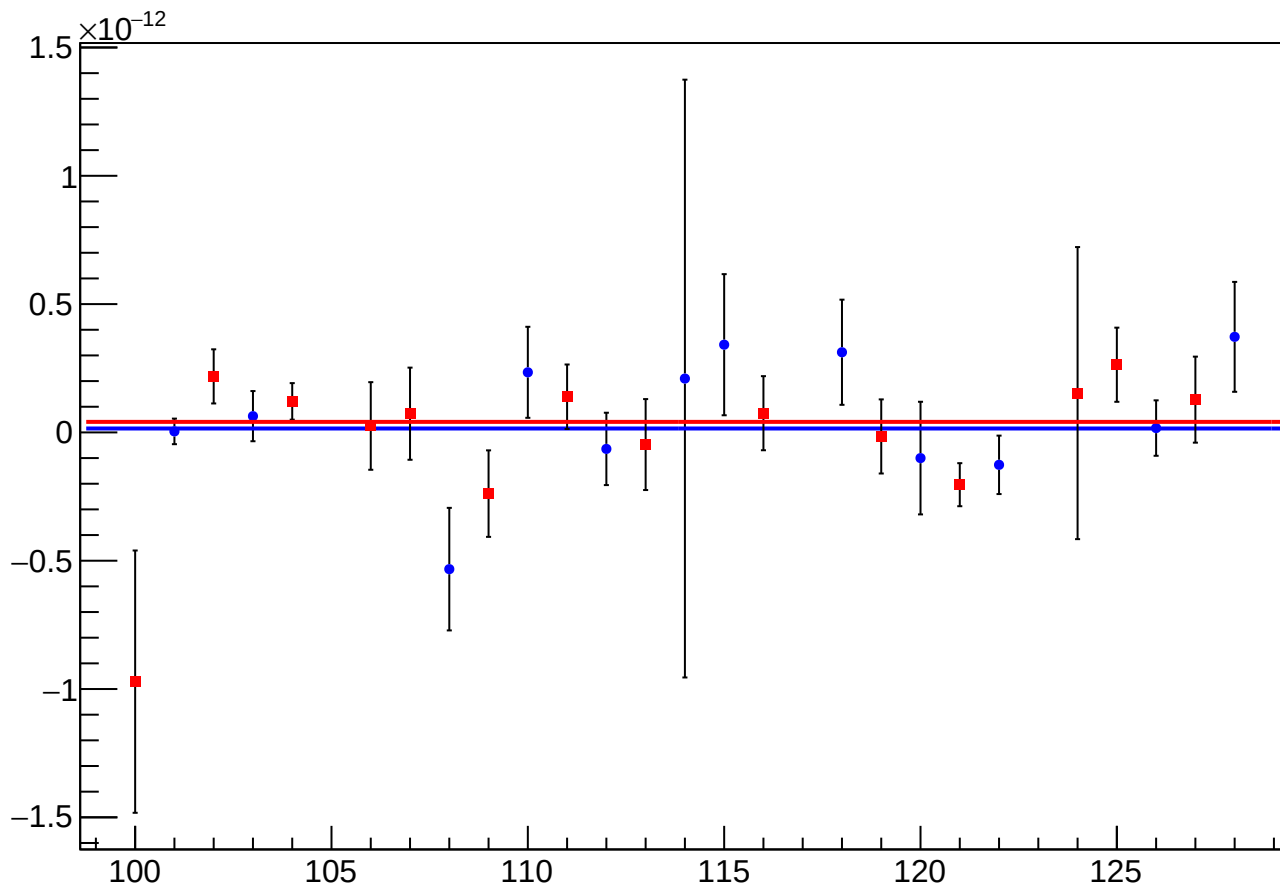
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1929.039+/-0.432 χ^2/NDF : 696366.4/25

- 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+/-0.000 χ^2/NDF : 15.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 23.1/13

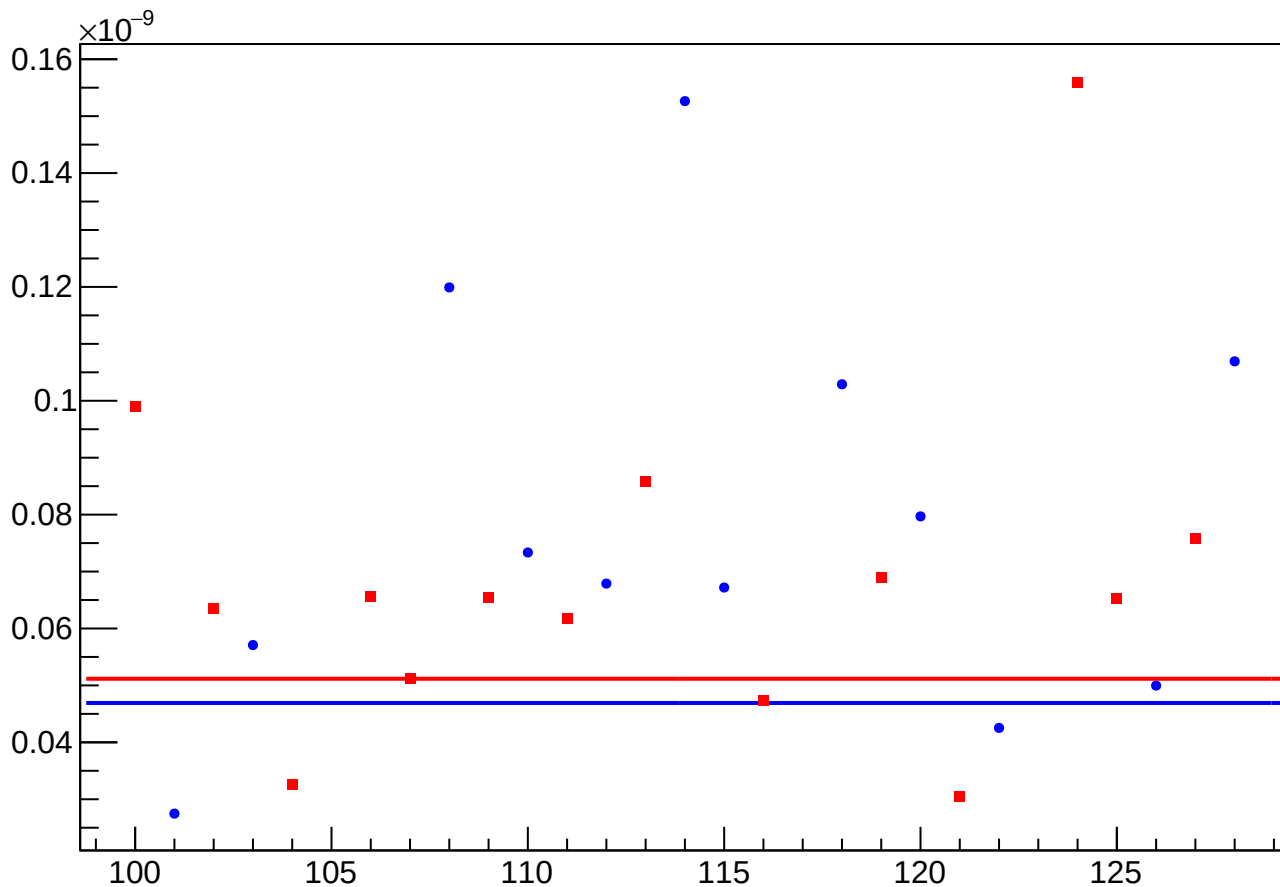
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 38.9/25

- sign 0.000+/-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 : 984664.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 582828.7/13

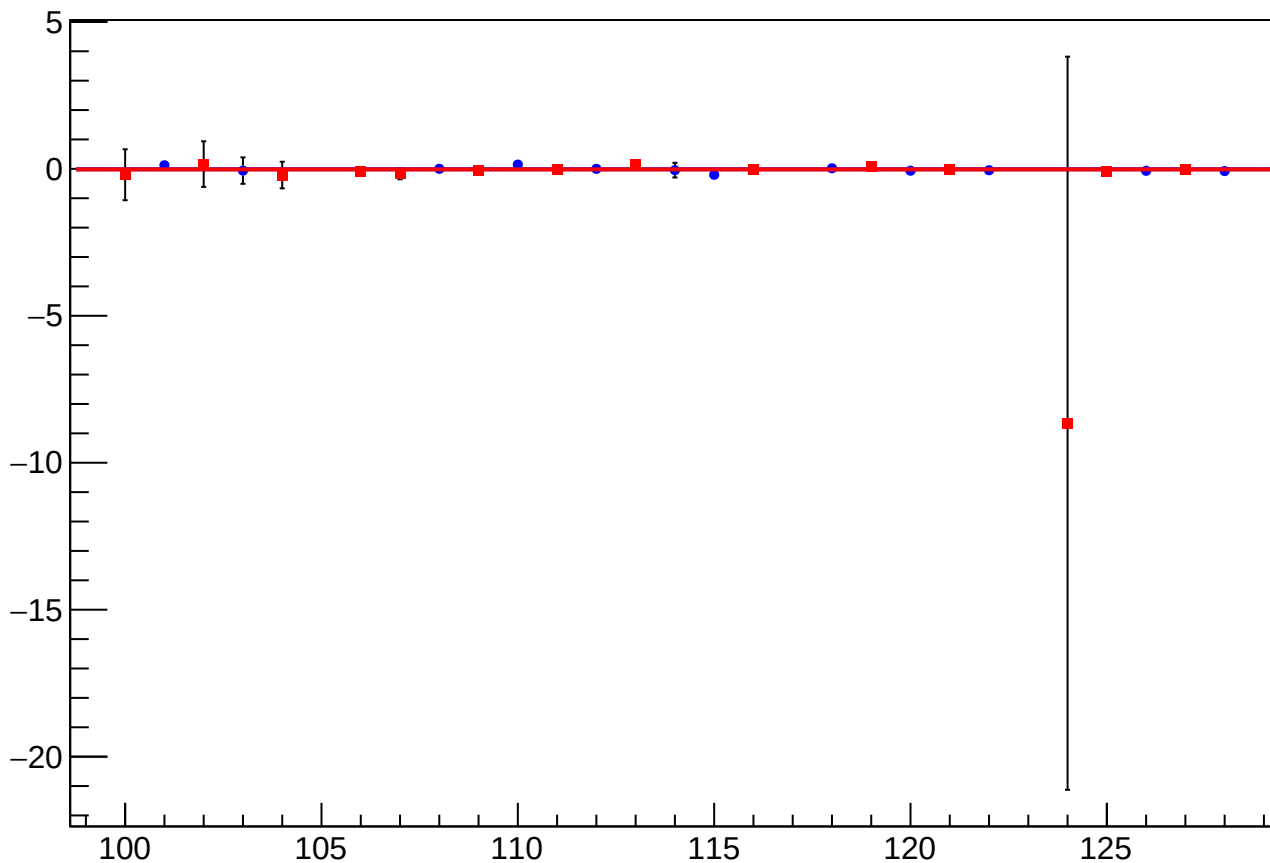
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1582538.2/25

- 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: -0.014 ± 0.022 χ^2/NDF : 12.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.019 ± 0.021 χ^2/NDF : 10.8/13

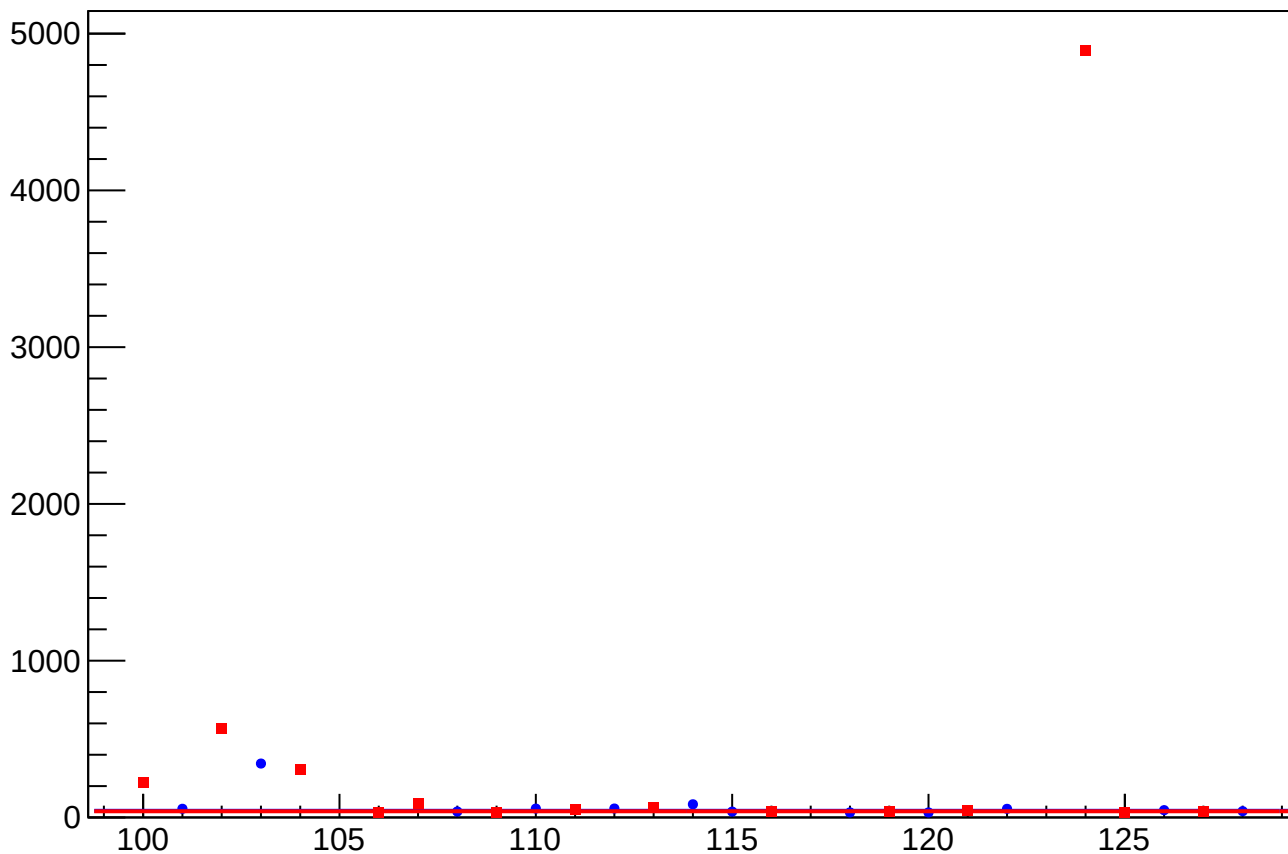
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.017 ± 0.015 χ^2/NDF : 23.1/25

- 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: 42.367 $\pm$ 0.015 $\chi^2/\text{NDF}: 1351502.7/11$

Left Out: 0.000 $\pm$ 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 39.509 $\pm$ 0.015 $\chi^2/\text{NDF}: 2414832.8/13$

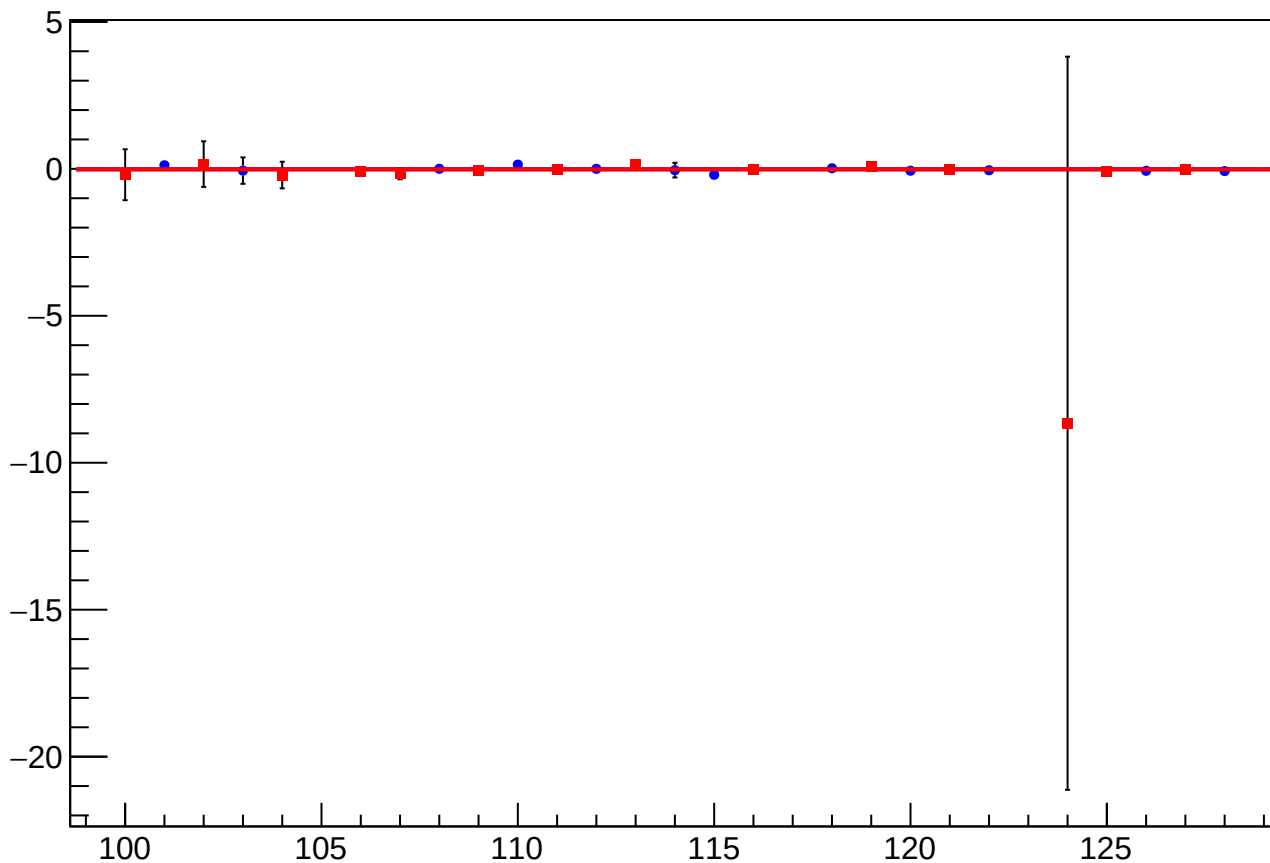
Left In: 0.000 $\pm$ 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 $\pm$ 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 40.902 $\pm$ 0.011 $\chi^2/\text{NDF}: 3784175.3/25$

- sign 0.000 $\pm$ 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.014 $\pm$ 0.022 χ^2 /NDF: 12.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.019 $\pm$ 0.021 χ^2 /NDF: 10.8/13

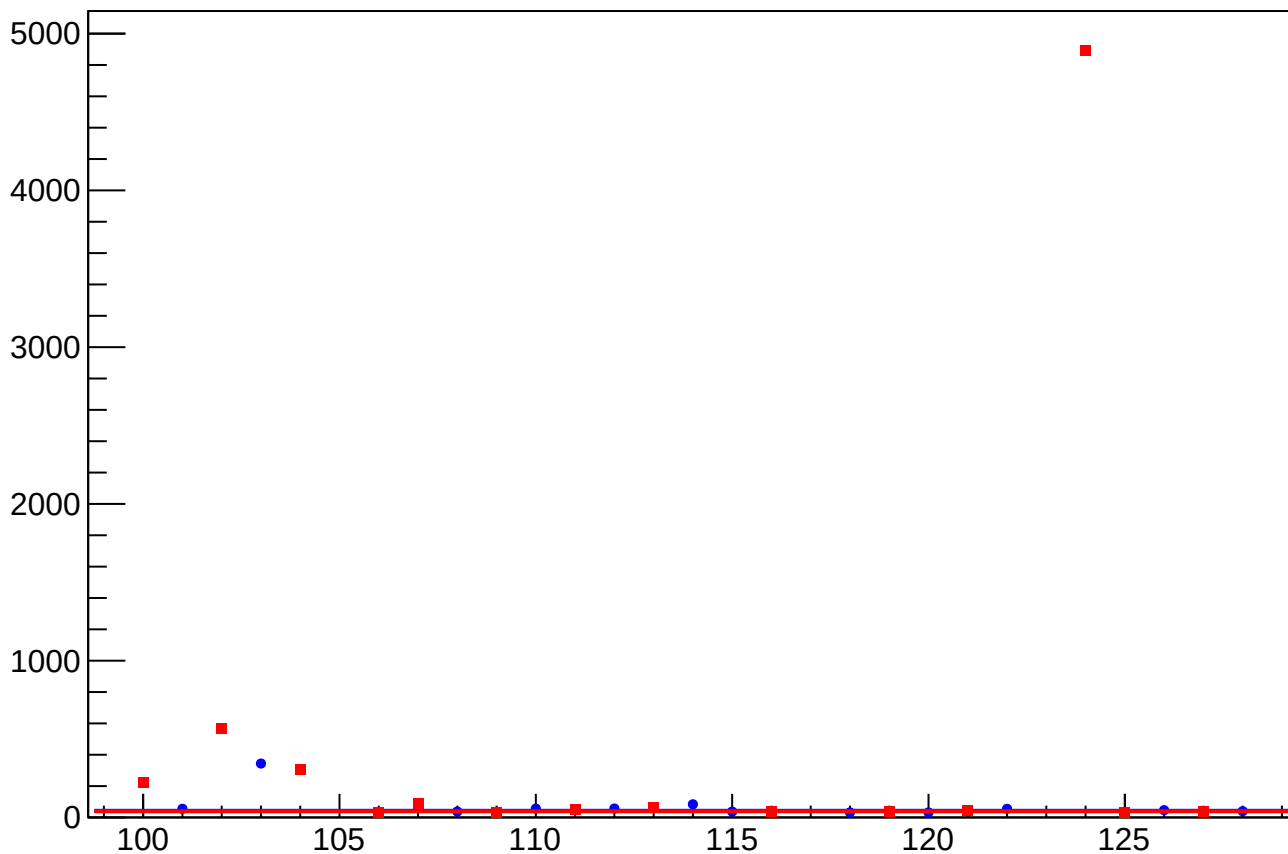
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.017 $\pm$ 0.015 χ^2 /NDF: 23.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 42.367 $\pm$ 0.015 χ^2 /NDF: 1351502.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 39.509 $\pm$ 0.015 χ^2 /NDF: 2414832.8/13

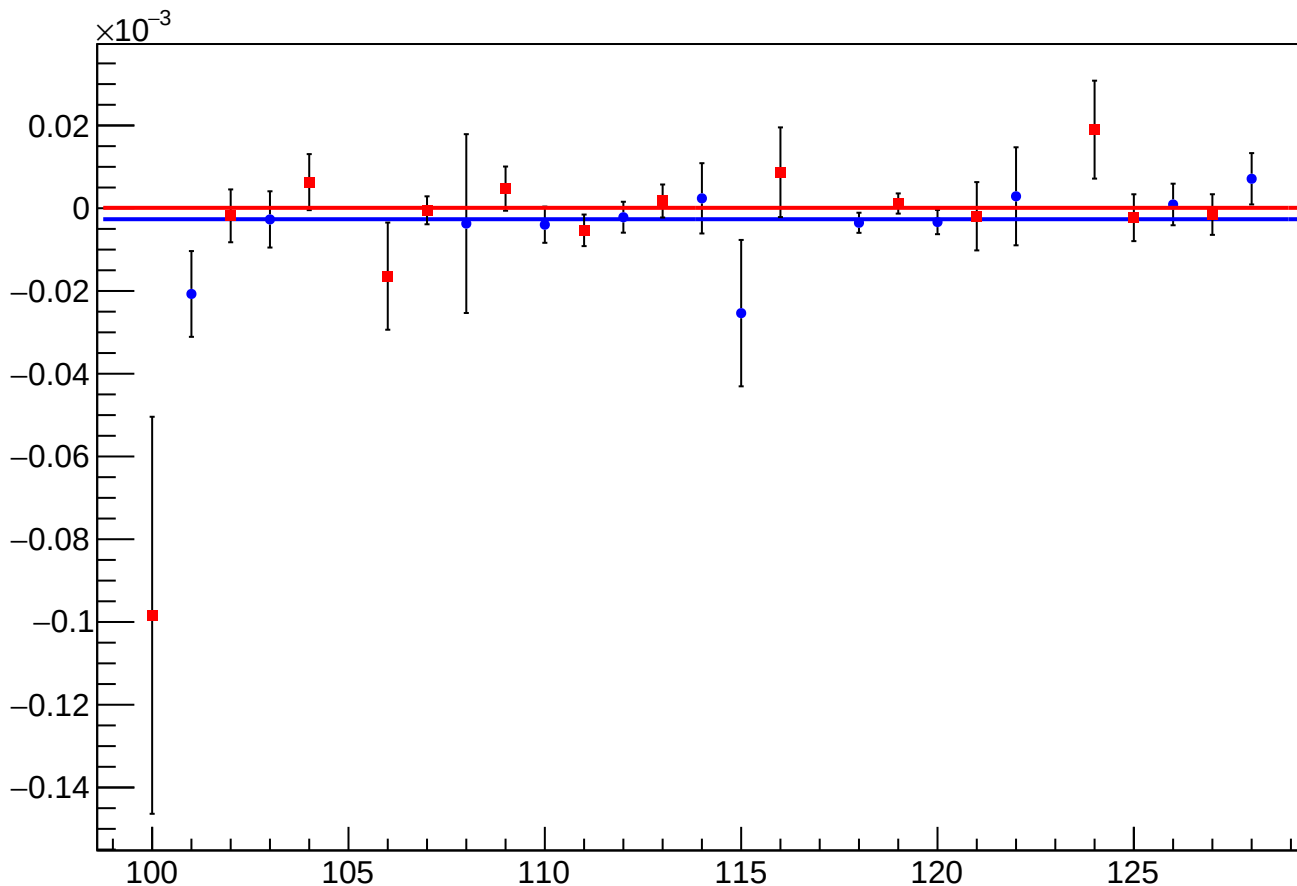
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 40.902 $\pm$ 0.011 χ^2 /NDF: 3784175.3/25

- 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: 8.5/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 13.5/13

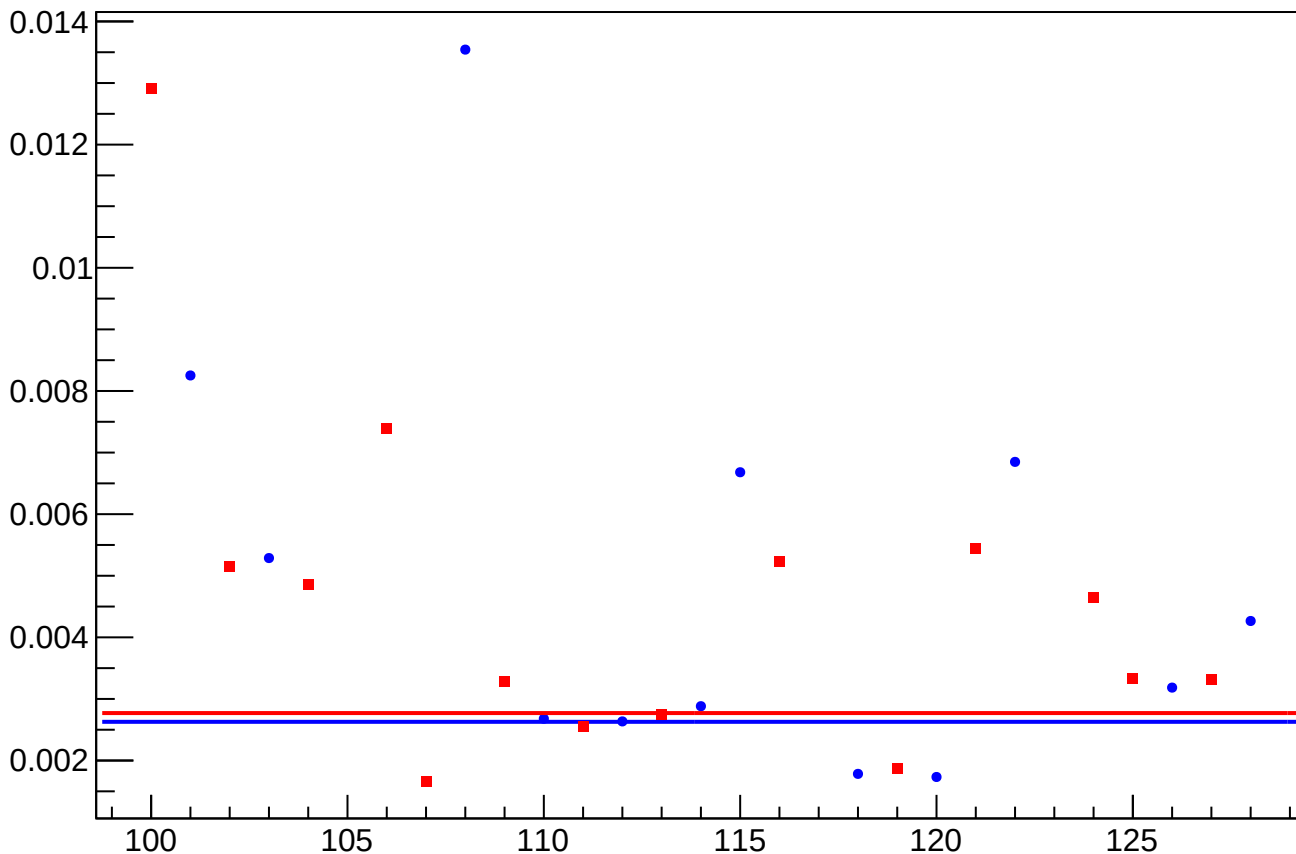
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 24.1/25

- 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 : 2358184.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1733045.9/13

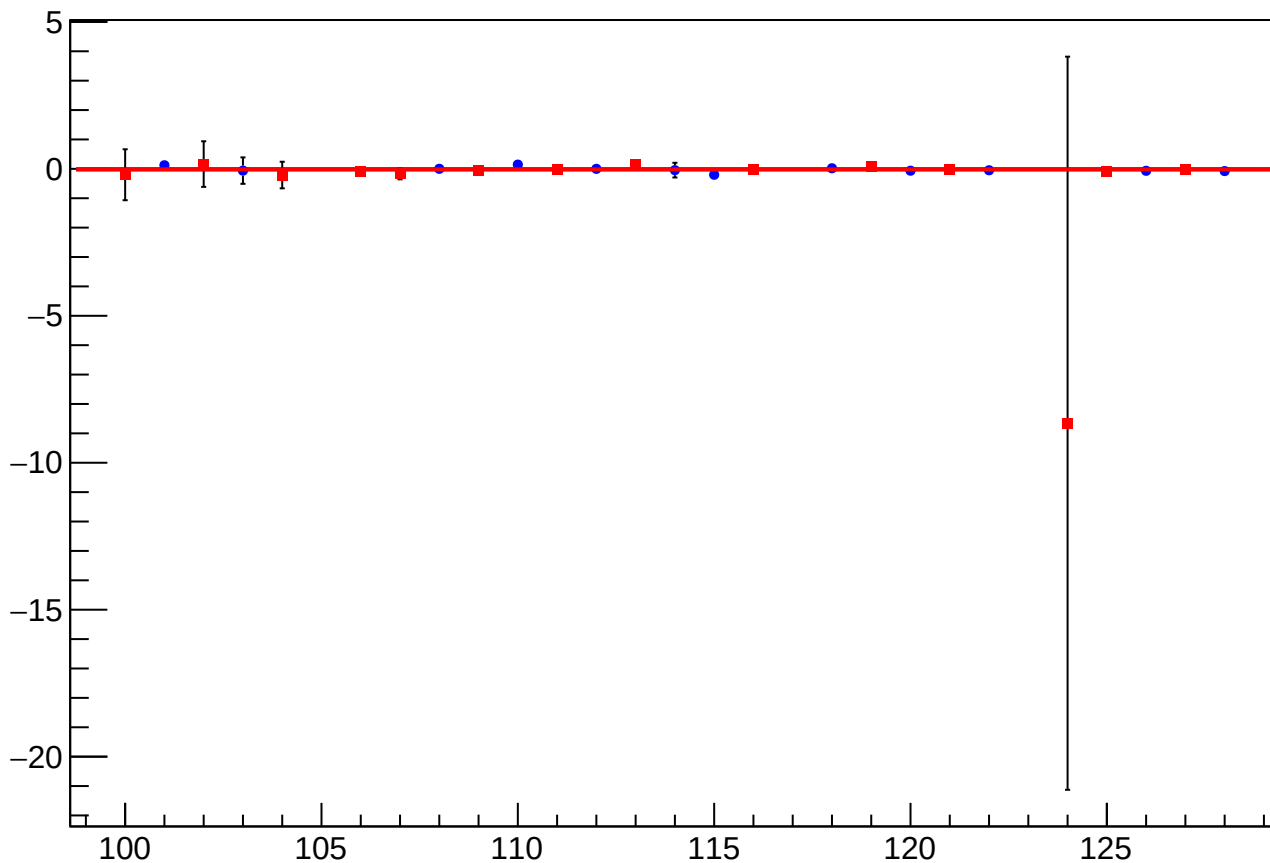
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4102434.6/25

- 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: -0.014+/-0.022 χ^2 /NDF: 12.3/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.019+/-0.021 χ^2 /NDF: 10.8/13

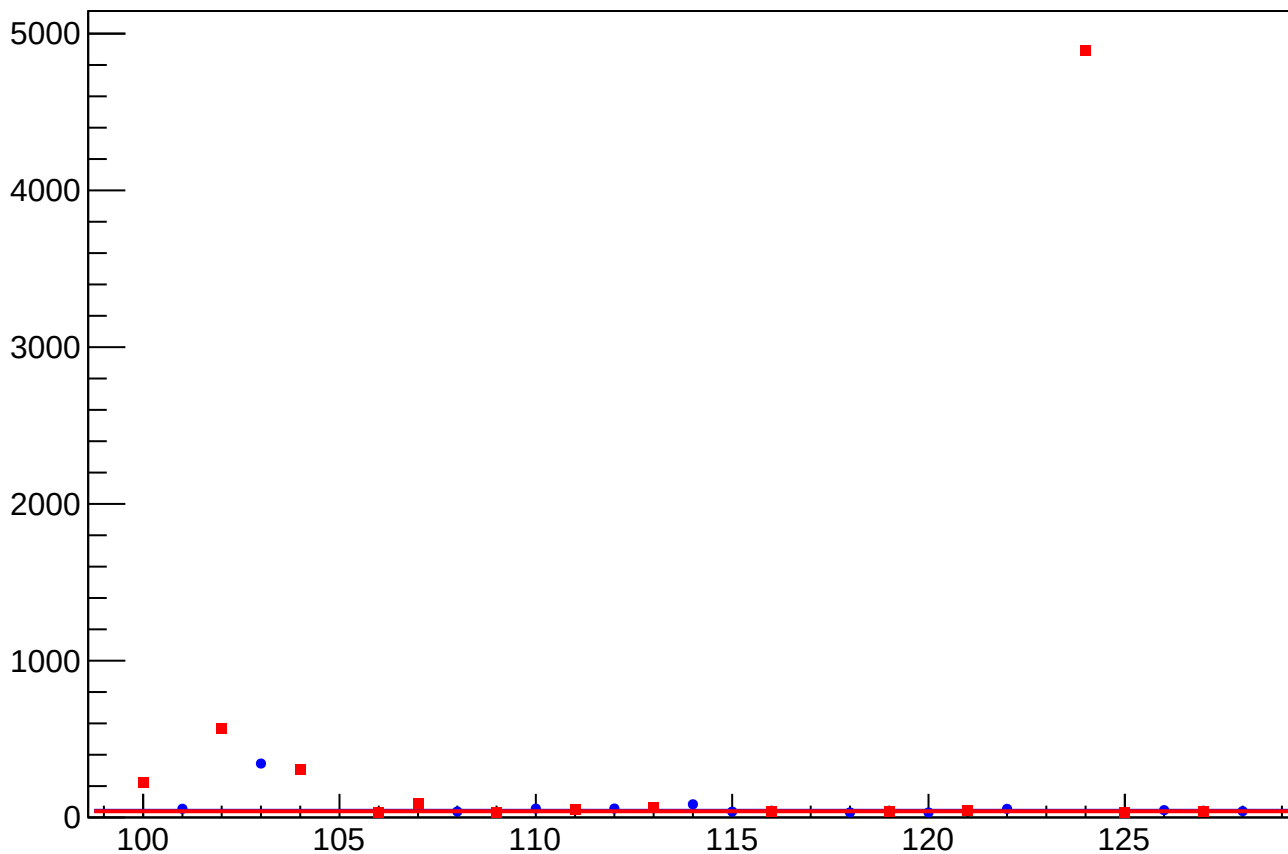
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

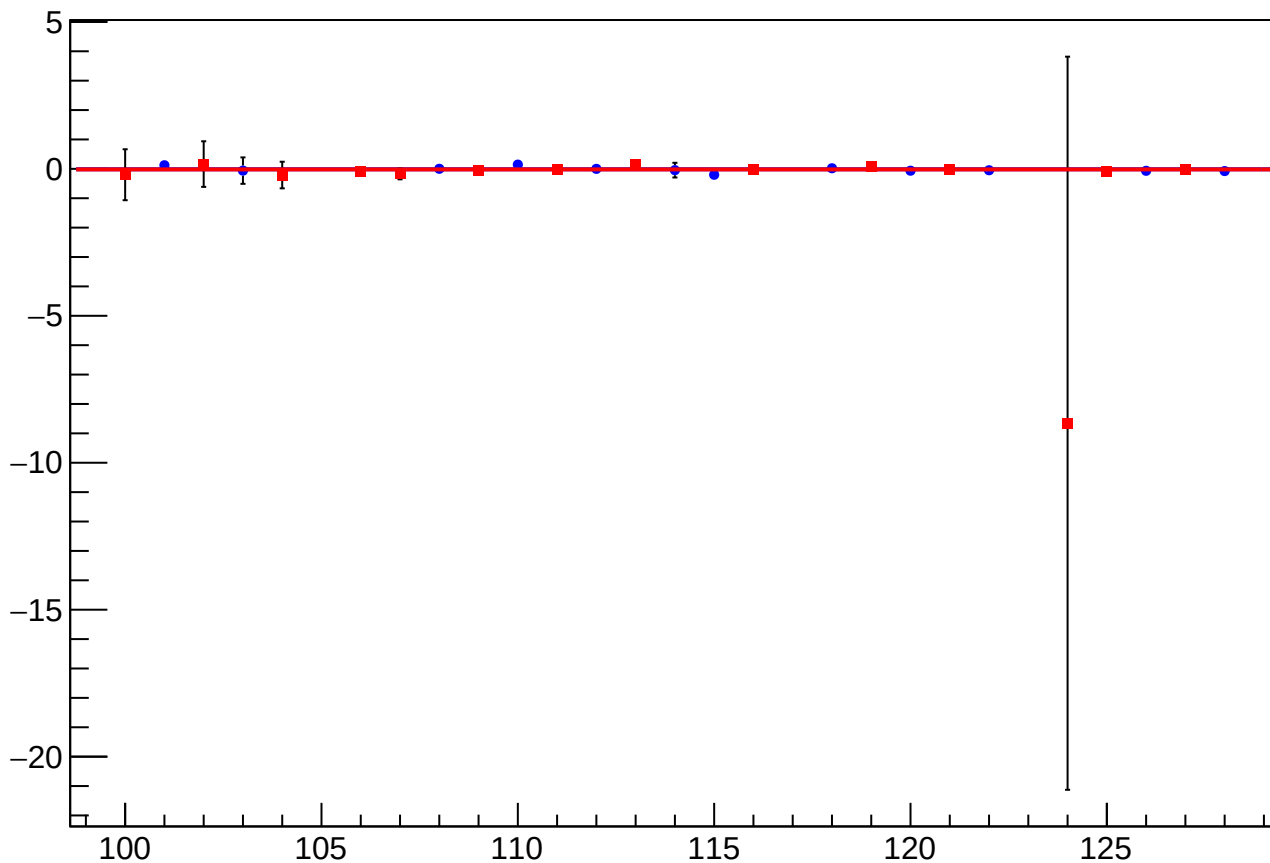
All: -0.017+/-0.015 χ^2 /NDF: 23.1/25

- 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: -0.014 $\pm$ 0.022 χ^2 /NDF: 12.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.019 $\pm$ 0.021 χ^2 /NDF: 10.8/13

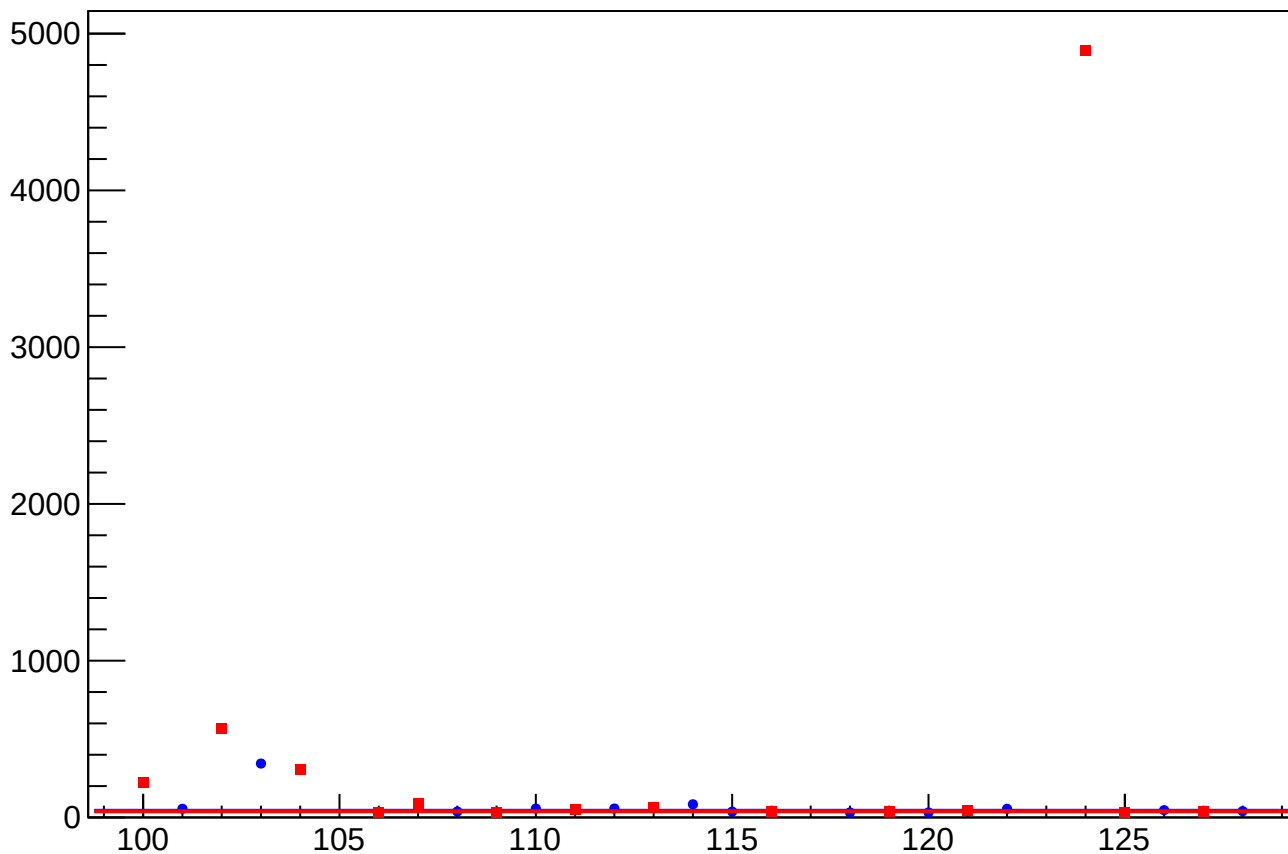
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.017 $\pm$ 0.015 χ^2 /NDF: 23.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 42.367+/-0.015 χ^2/NDF : 1351510.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.508+/-0.015 χ^2/NDF : 2414872.8/13

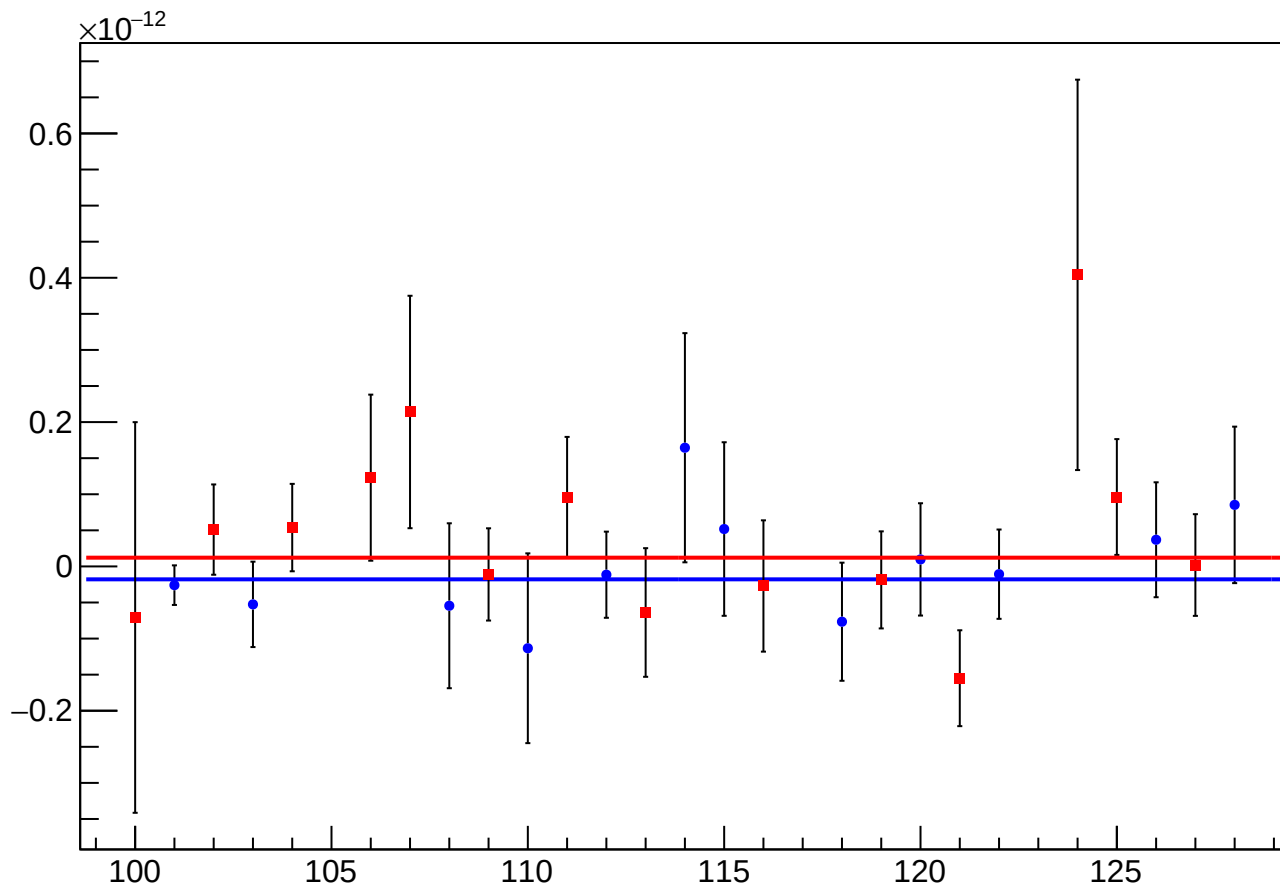
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.902+/-0.011 χ^2/NDF : 3784236.9/25

- sign 0.000+/-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: 4.8/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 15.2/13

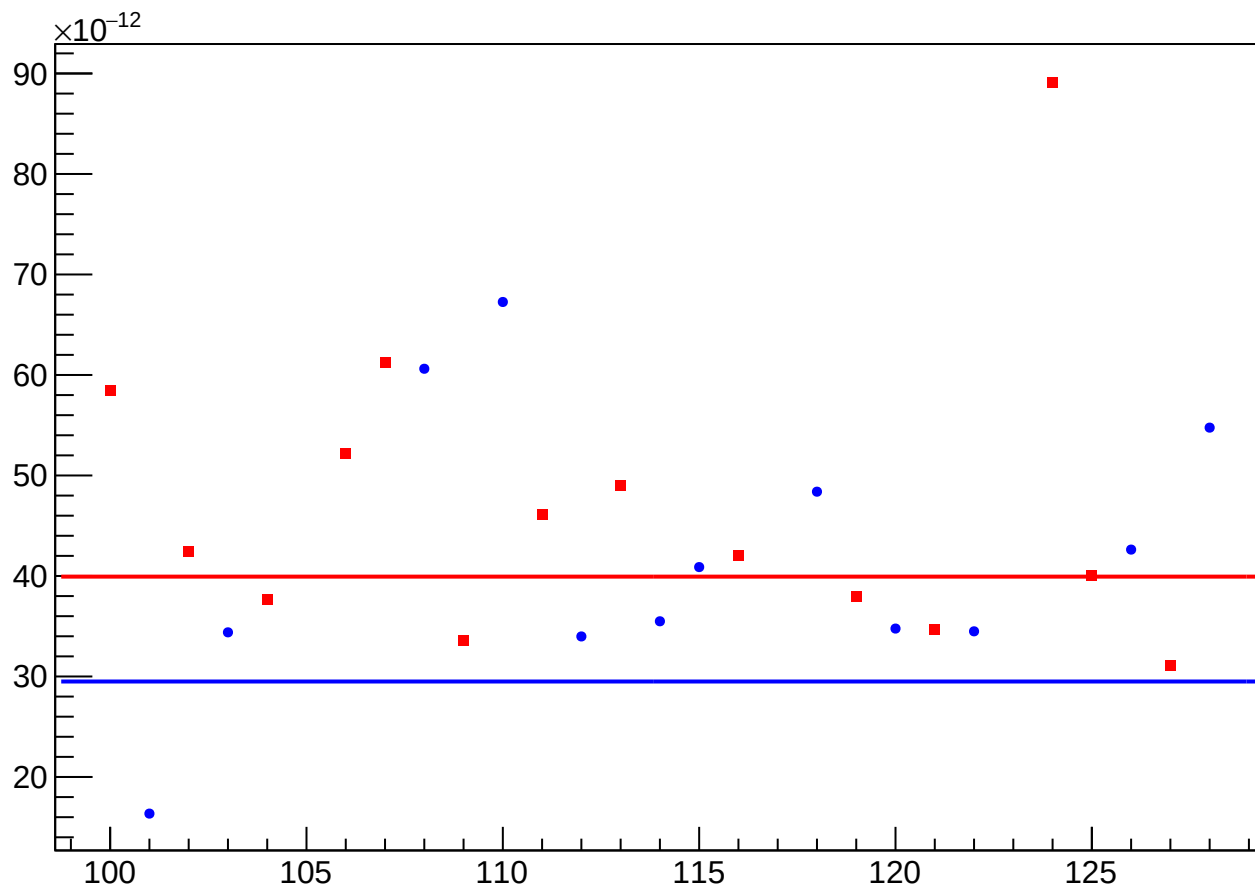
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 21.1/25

- 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 : 1109532.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 237255.2/13

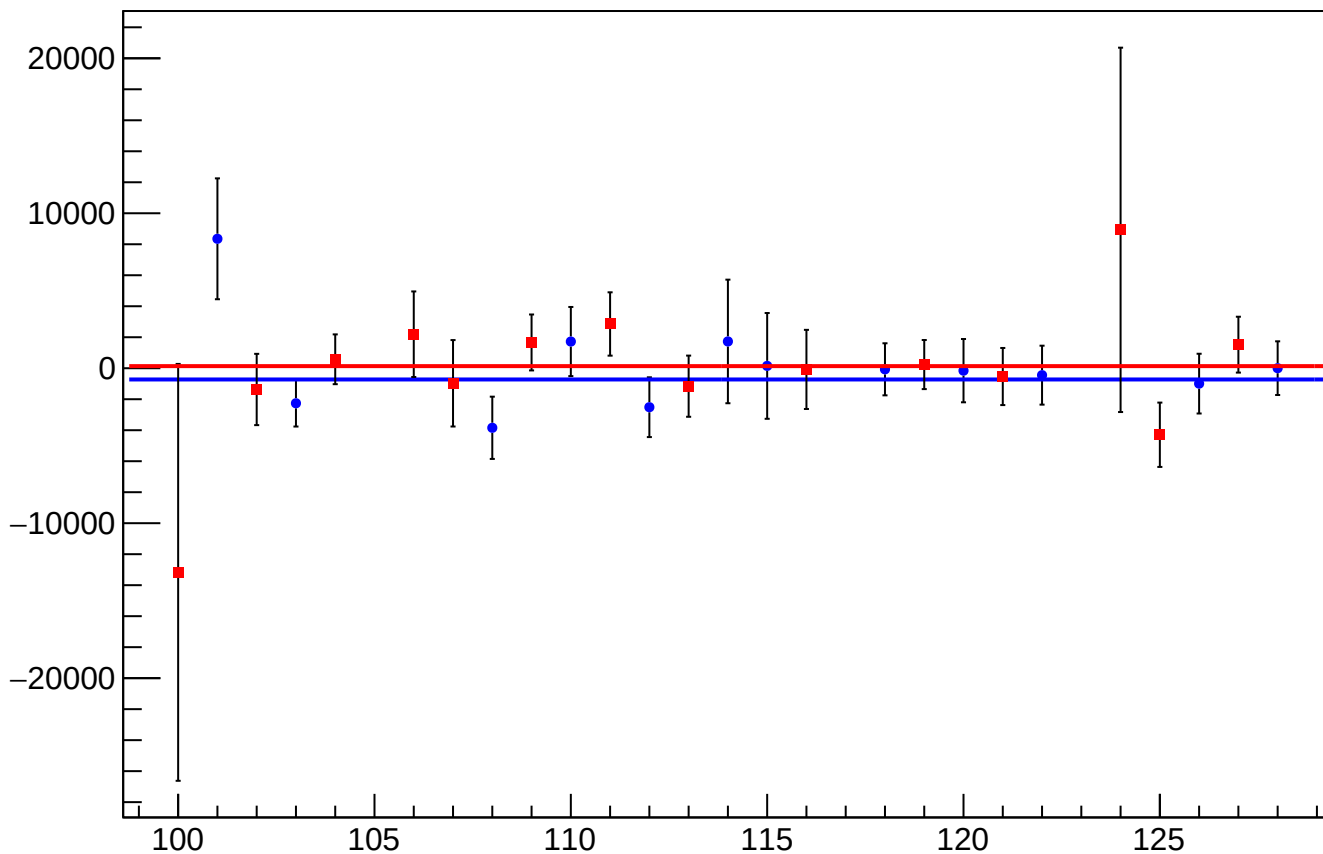
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1614786.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -725.495+/-592.517 χ^2 /NDF: 11.8/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 135.708+/-573.668 χ^2 /NDF: 11.0/13

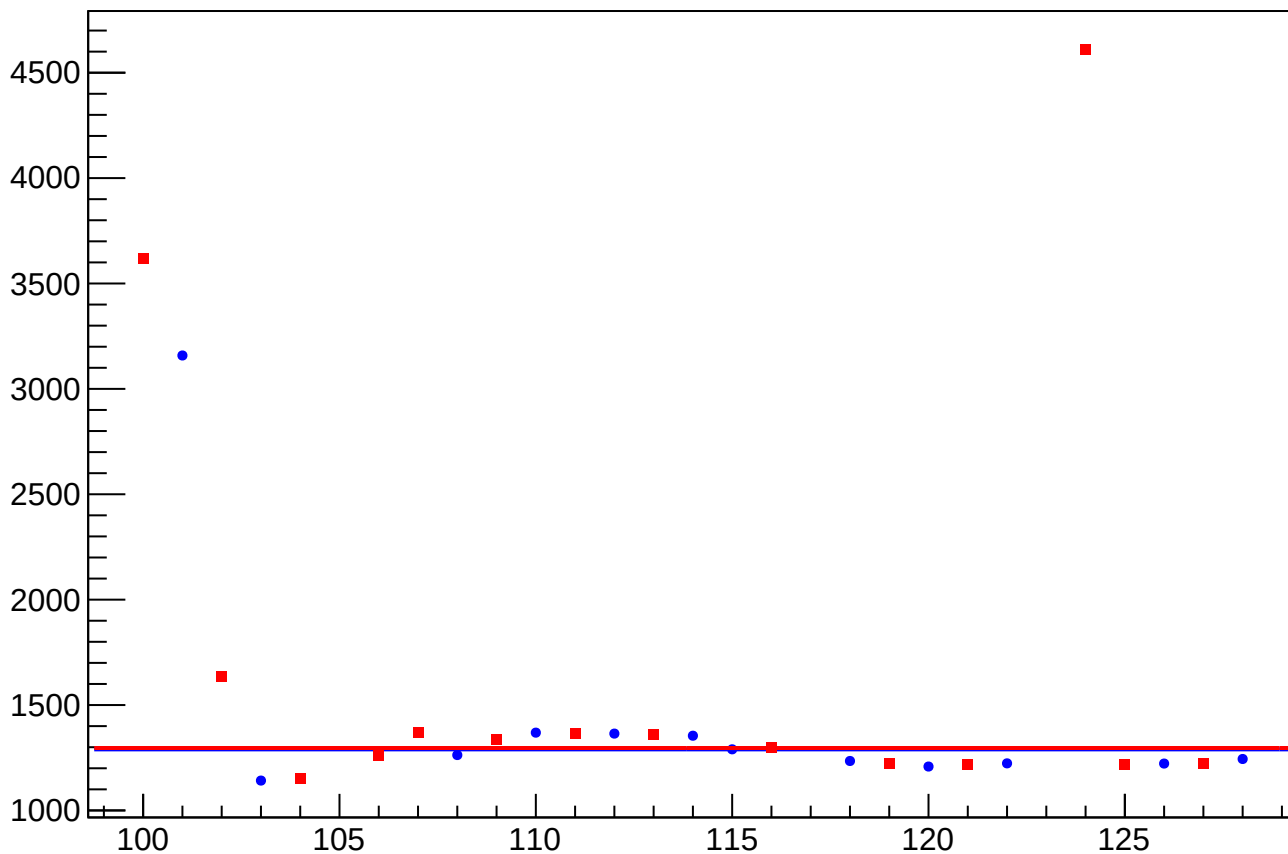
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -280.978+/-412.147 χ^2 /NDF: 23.9/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1289.696 $\pm$ 0.419 χ^2 /NDF: 496608.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1296.192 $\pm$ 0.404 χ^2 /NDF: 299672.5/13

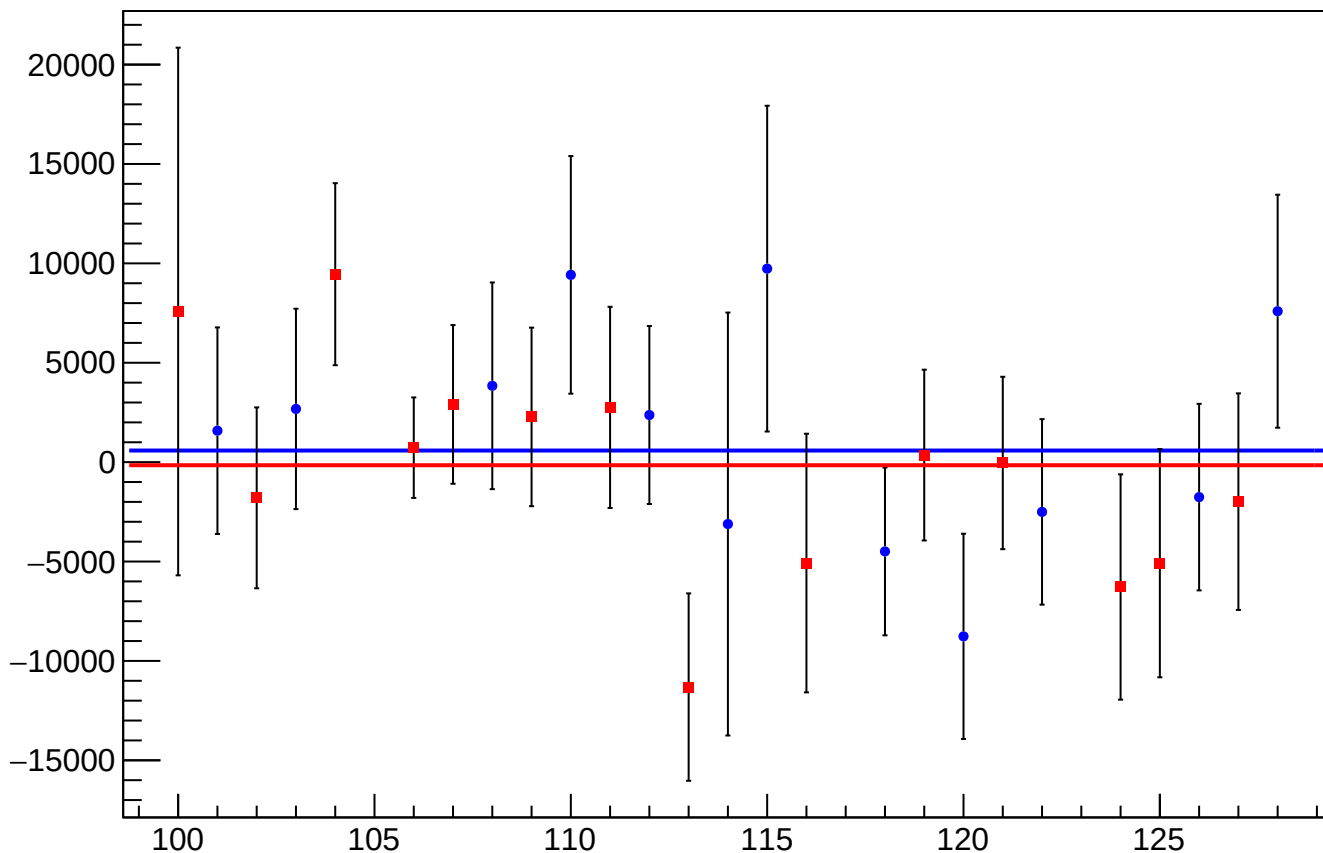
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1293.061 $\pm$ 0.291 χ^2 /NDF: 796405.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_reg_correction_mean vs Slug



Right In: 584.056+/-1526.499 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -154.904+/-1212.196 χ^2/NDF : 14.4/13

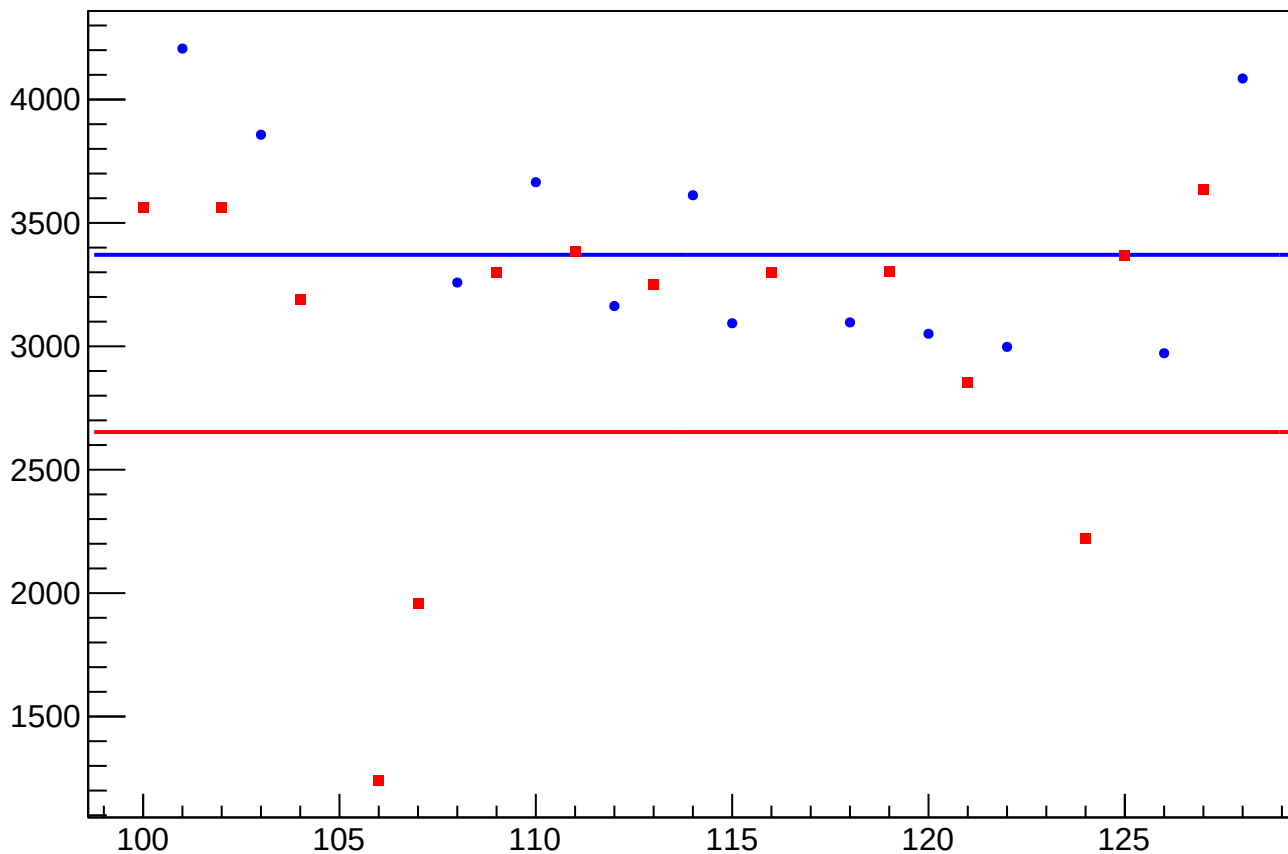
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.873+/-949.291 χ^2/NDF : 25.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_reg_correction_rms vs Slug



Right In: 3370.806+/-1.079 χ^2/NDF : 156799.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

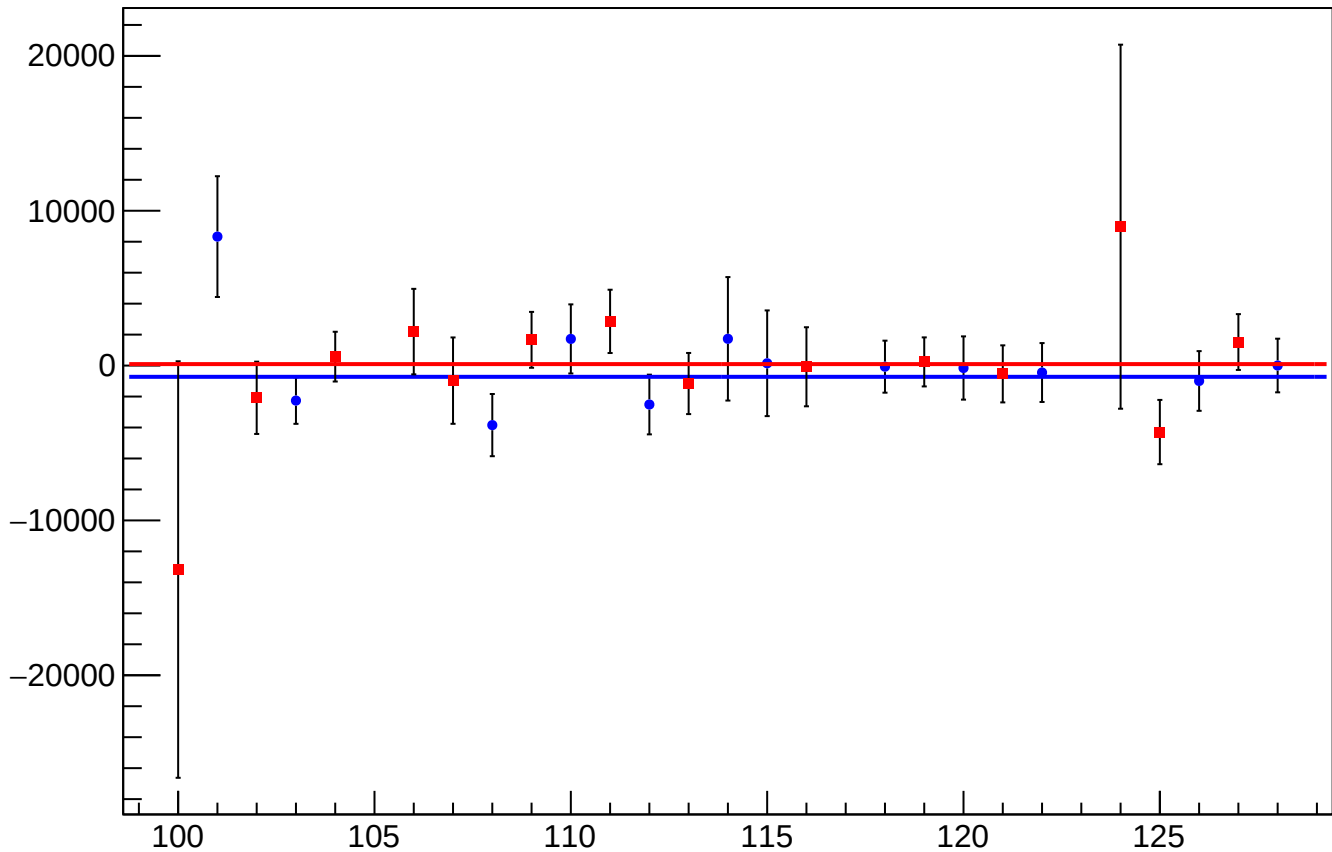
Right Out: 2652.612+/-0.857 χ^2/NDF : 1092406.4/13

All: 2930.358+/-0.671 χ^2/NDF : 1520708.7/25

- 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: -726.046+/-592.517 χ^2/NDF : 11.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.703+/-574.195 χ^2/NDF : 11.4/13

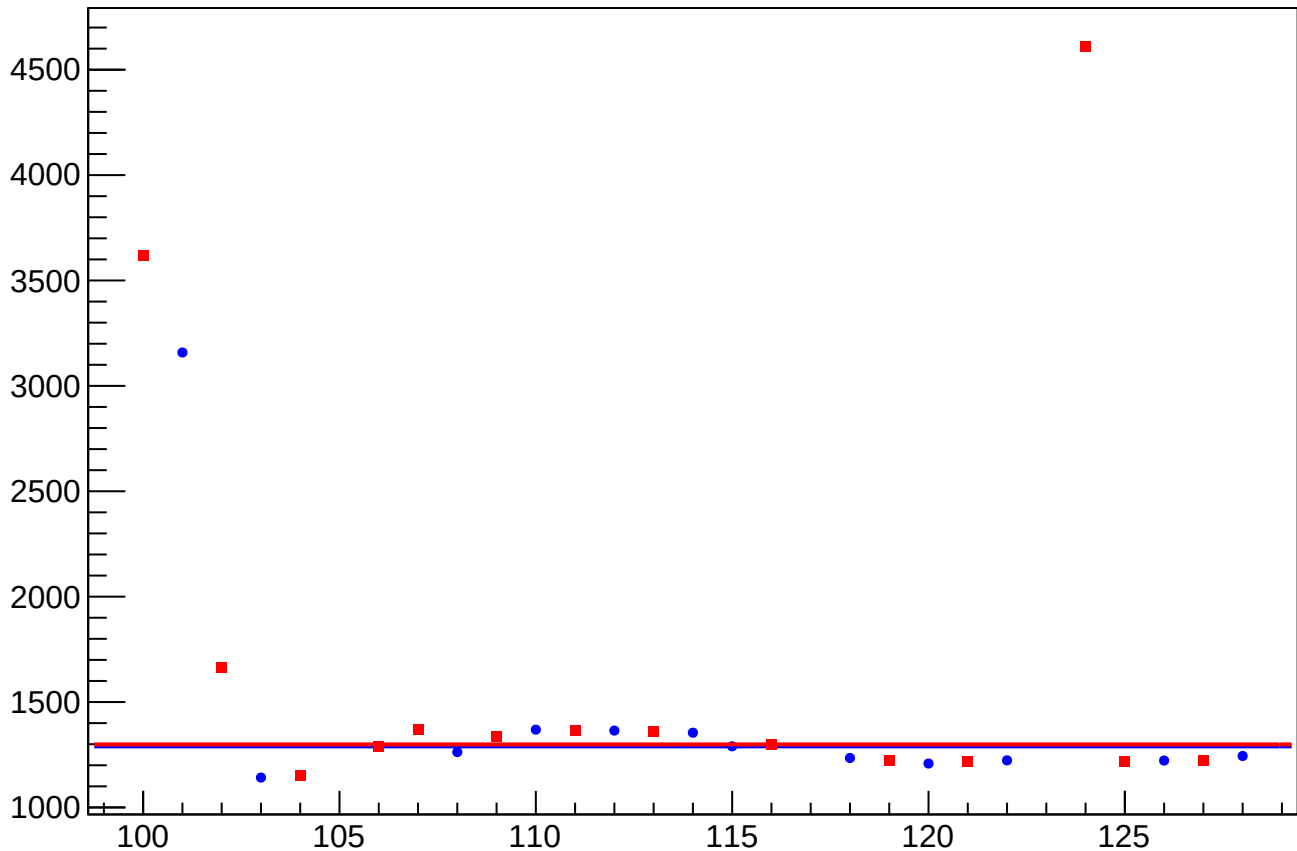
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -302.270+/-412.343 χ^2/NDF : 24.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1289.696+/-0.419 χ^2/NDF : 496609.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.985+/-0.405 χ^2/NDF : 306276.5/13

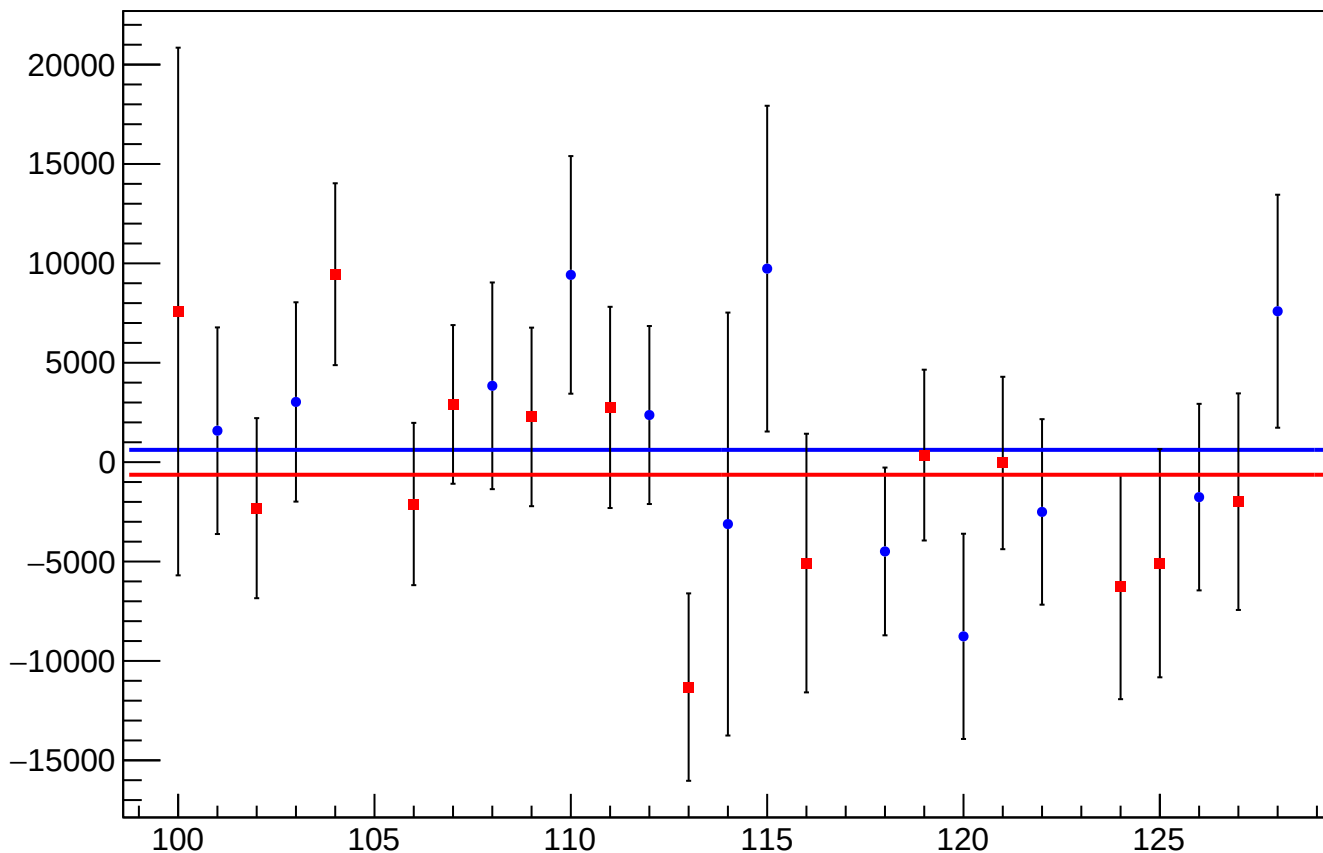
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1294.498+/-0.291 χ^2/NDF : 803140.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_cor_correction_mean vs Slug



Right In: 618.381+/-1525.803 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -634.166+/-1307.634 χ^2/NDF : 14.5/13

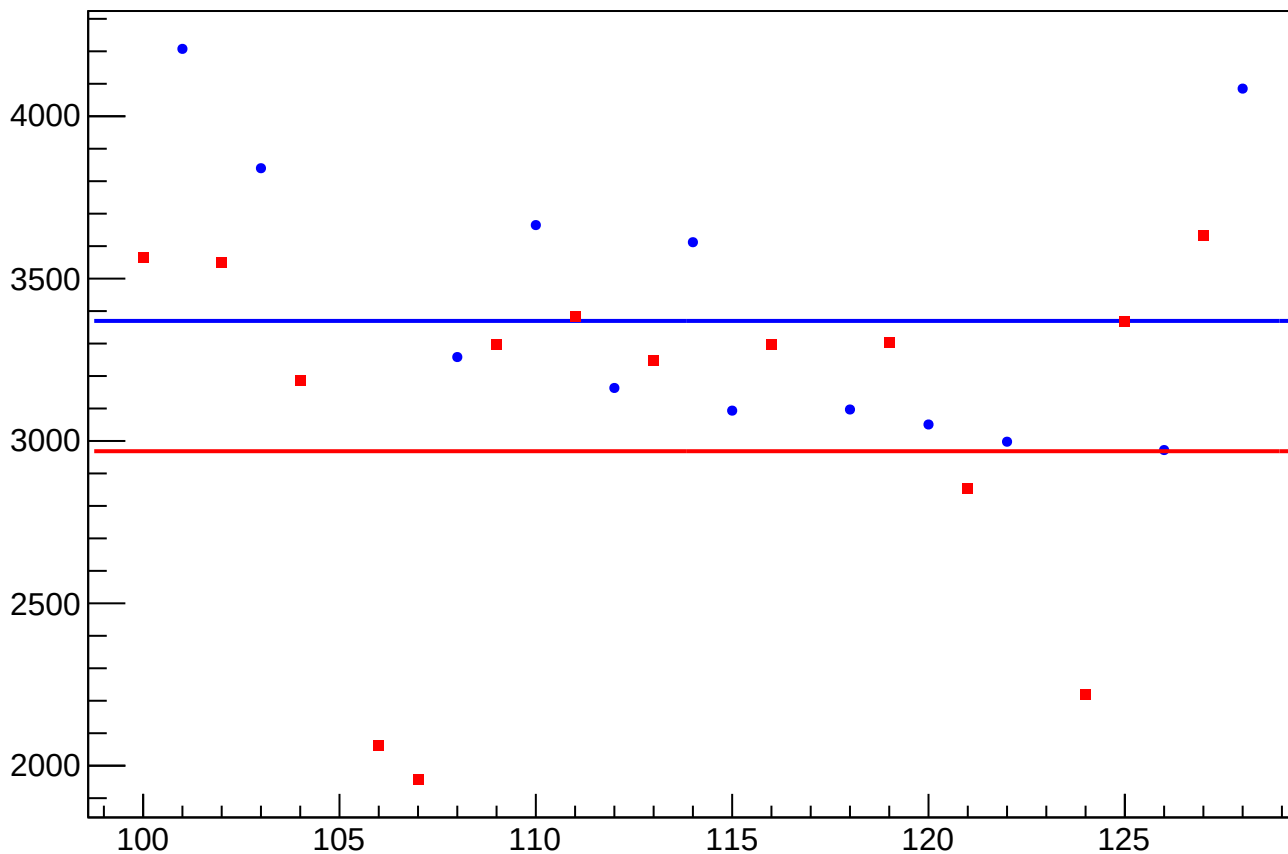
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -103.768+/-992.893 χ^2/NDF : 26.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_cor_correction_rms vs Slug



Right In: 3369.718+/-1.079 χ^2/NDF : 155787.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

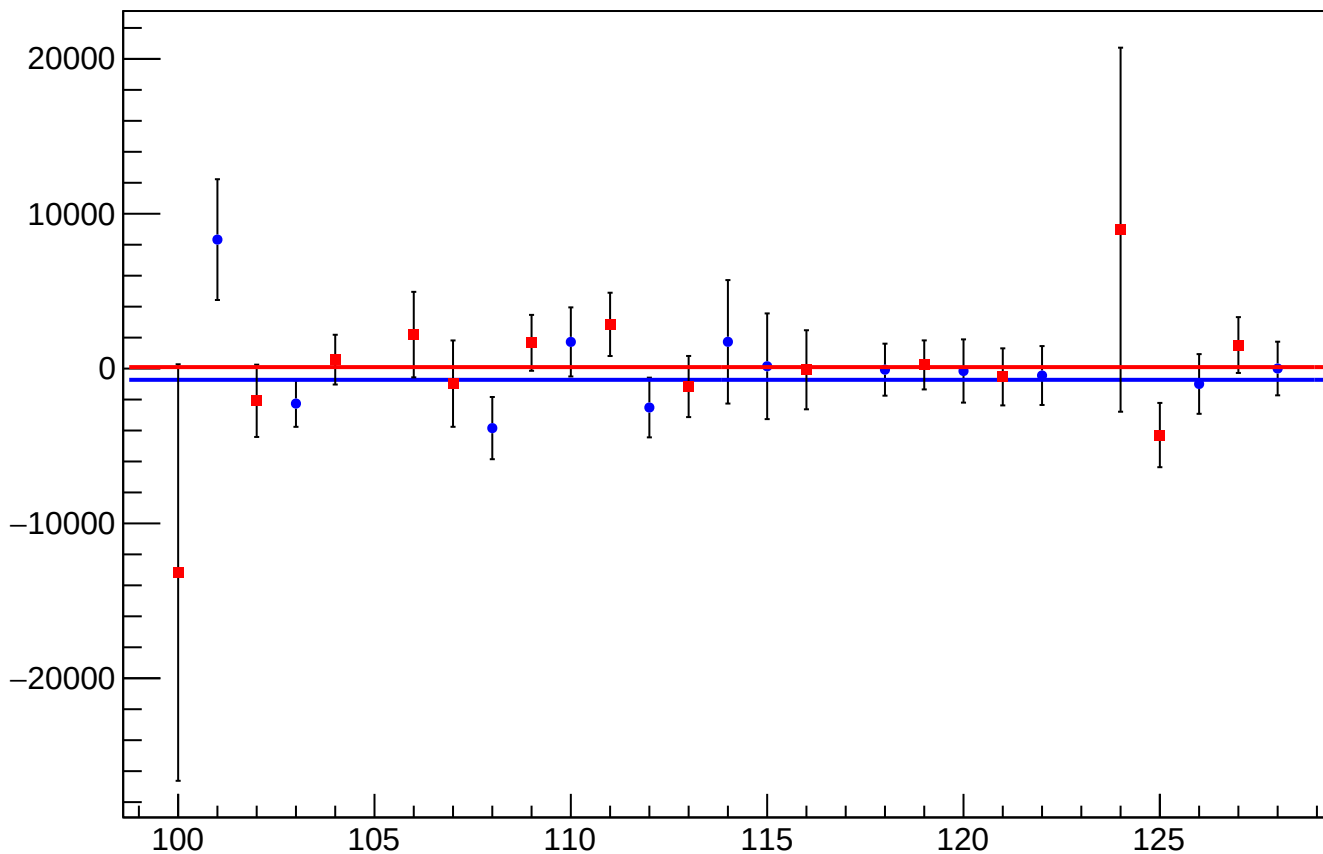
Right Out: 2968.475+/-0.925 χ^2/NDF : 393335.0/13

All: 3138.384+/-0.702 χ^2/NDF : 628864.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -726.046+/-592.517 χ^2/NDF : 11.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.703+/-574.195 χ^2/NDF : 11.4/13

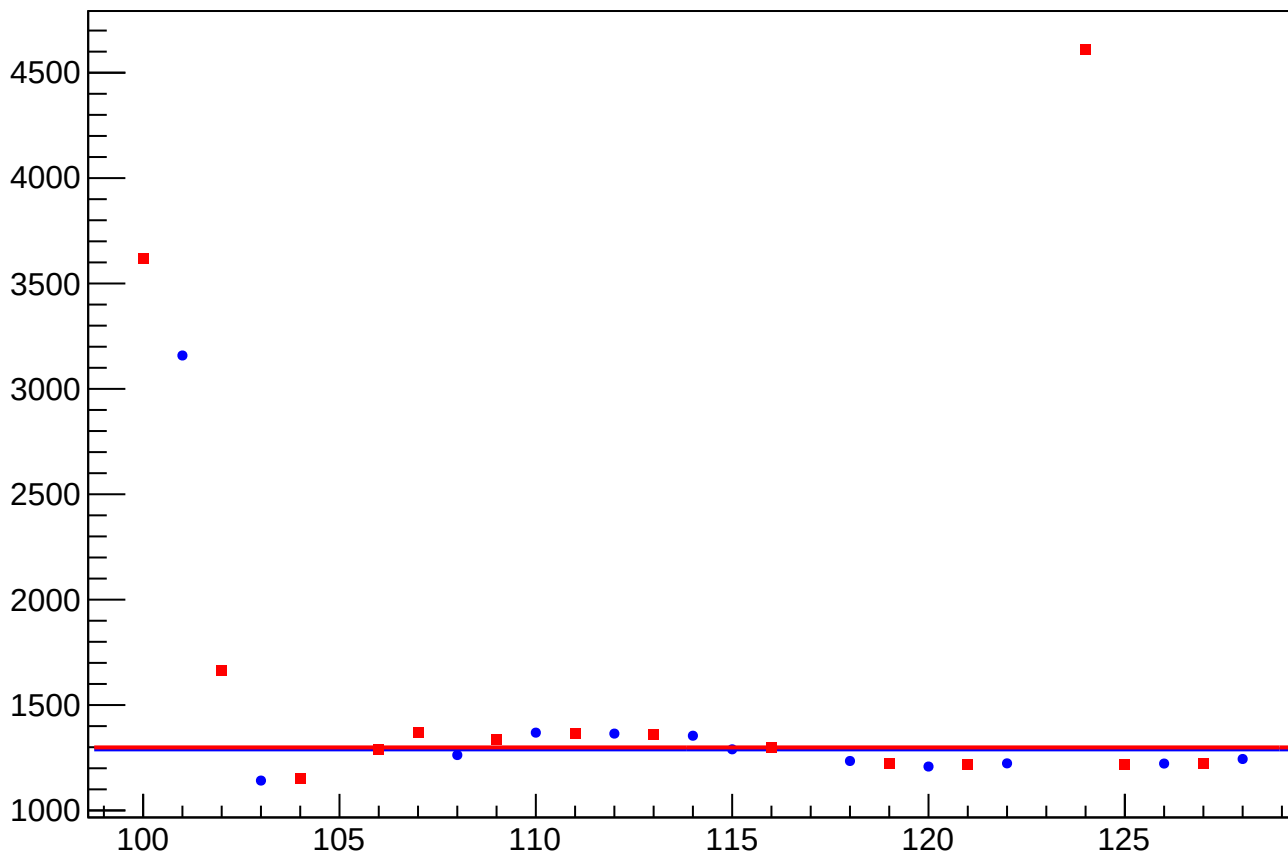
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -302.270+/-412.343 χ^2/NDF : 24.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1289.696+/-0.419 χ^2/NDF : 496609.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.985+/-0.405 χ^2/NDF : 306276.5/13

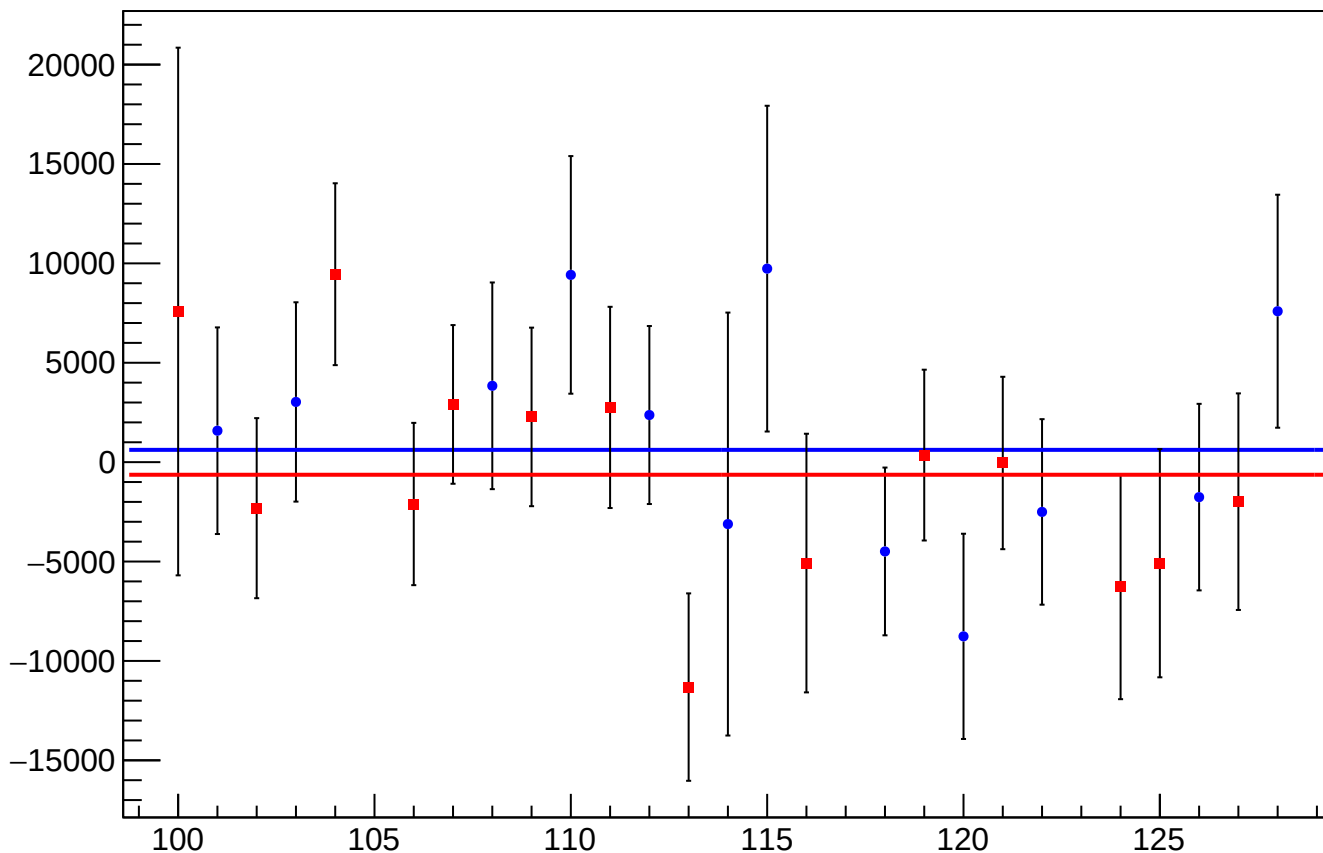
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1294.498+/-0.291 χ^2/NDF : 803140.4/25

- 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: 618.381+/-1525.803 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -634.166+/-1307.634 χ^2/NDF : 14.5/13

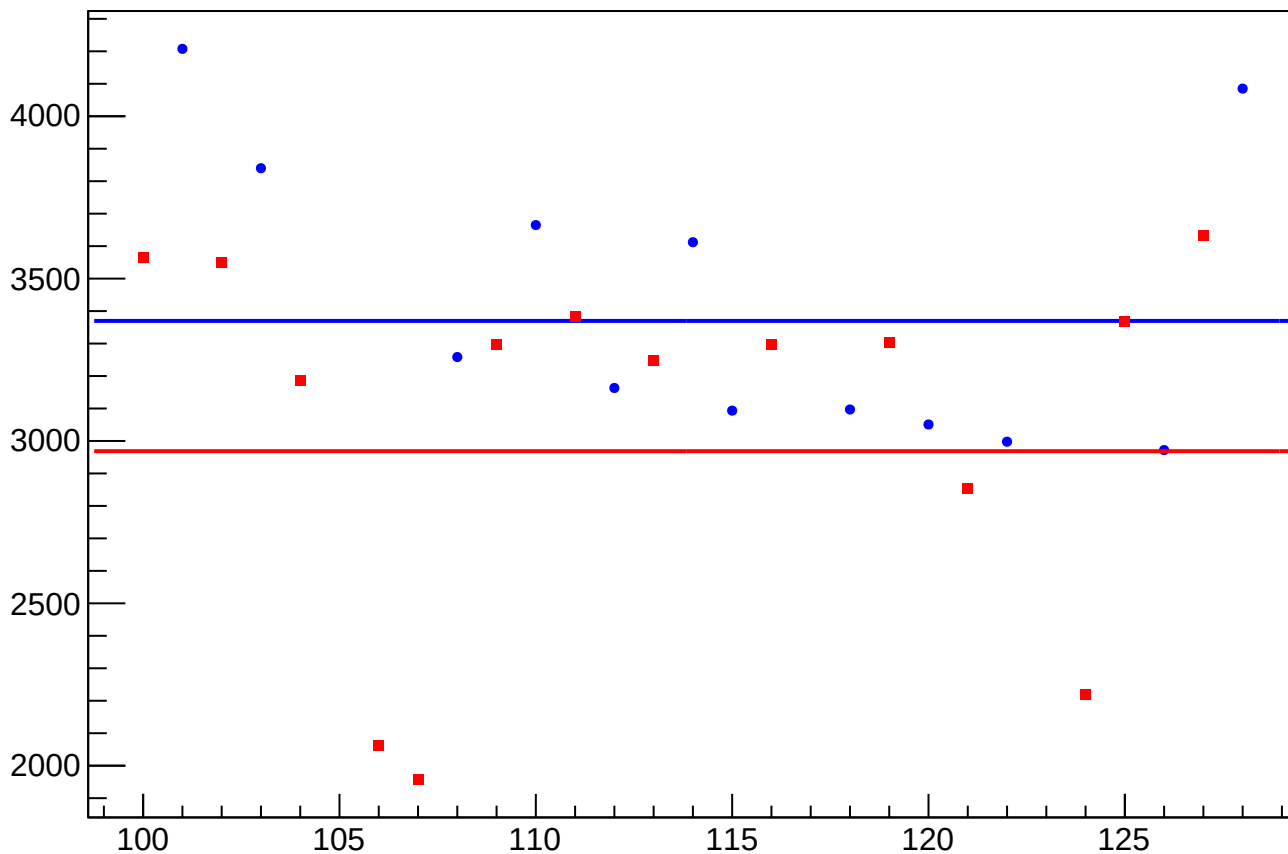
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -103.768+/-992.893 χ^2/NDF : 26.1/25

- 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: 3369.718+/-1.079 χ^2/NDF : 155787.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

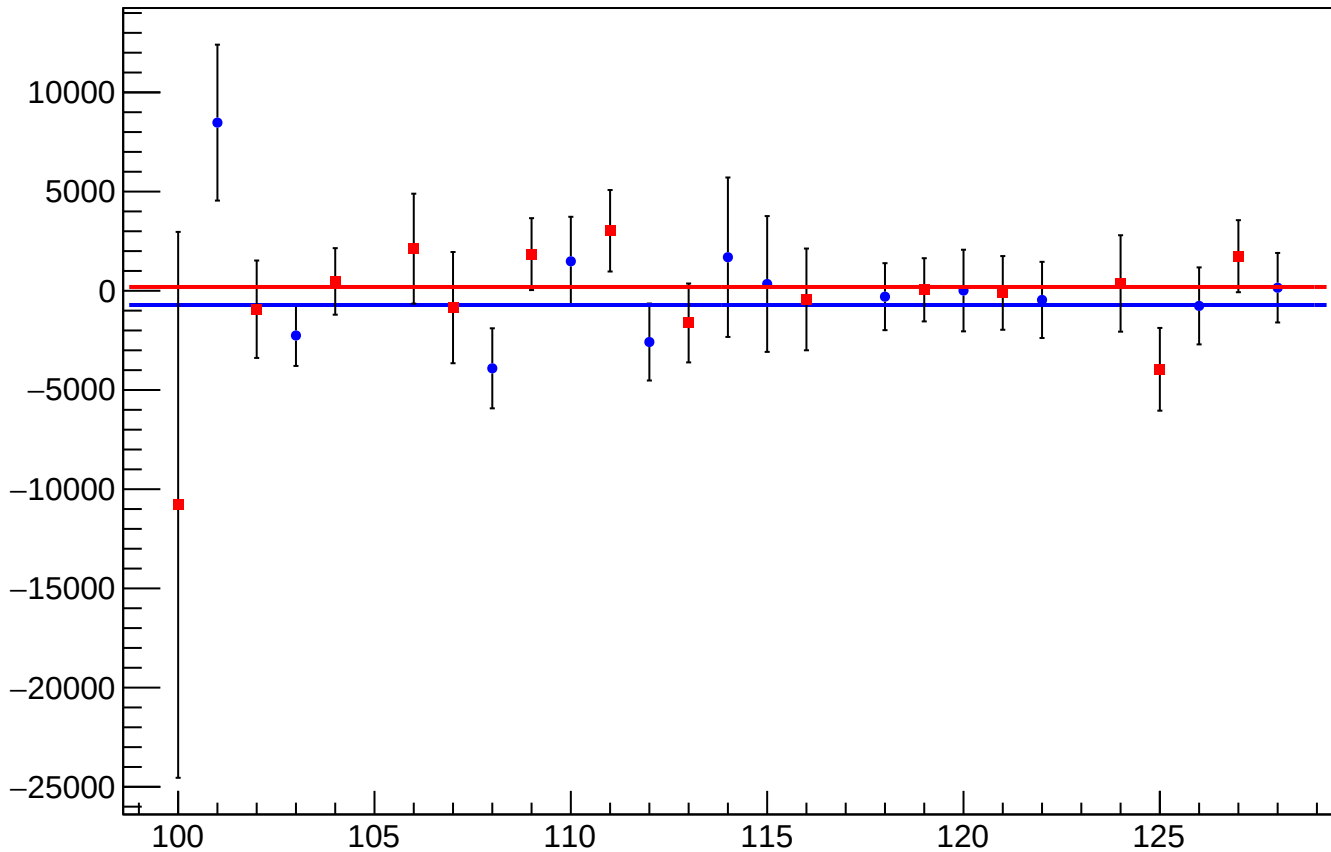
Right Out: 2968.475+/-0.925 χ^2/NDF : 393335.0/13

All: 3138.384+/-0.702 χ^2/NDF : 628864.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -716.054+/-597.908 χ^2/NDF : 11.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 192.145+/-566.342 χ^2/NDF : 9.9/13

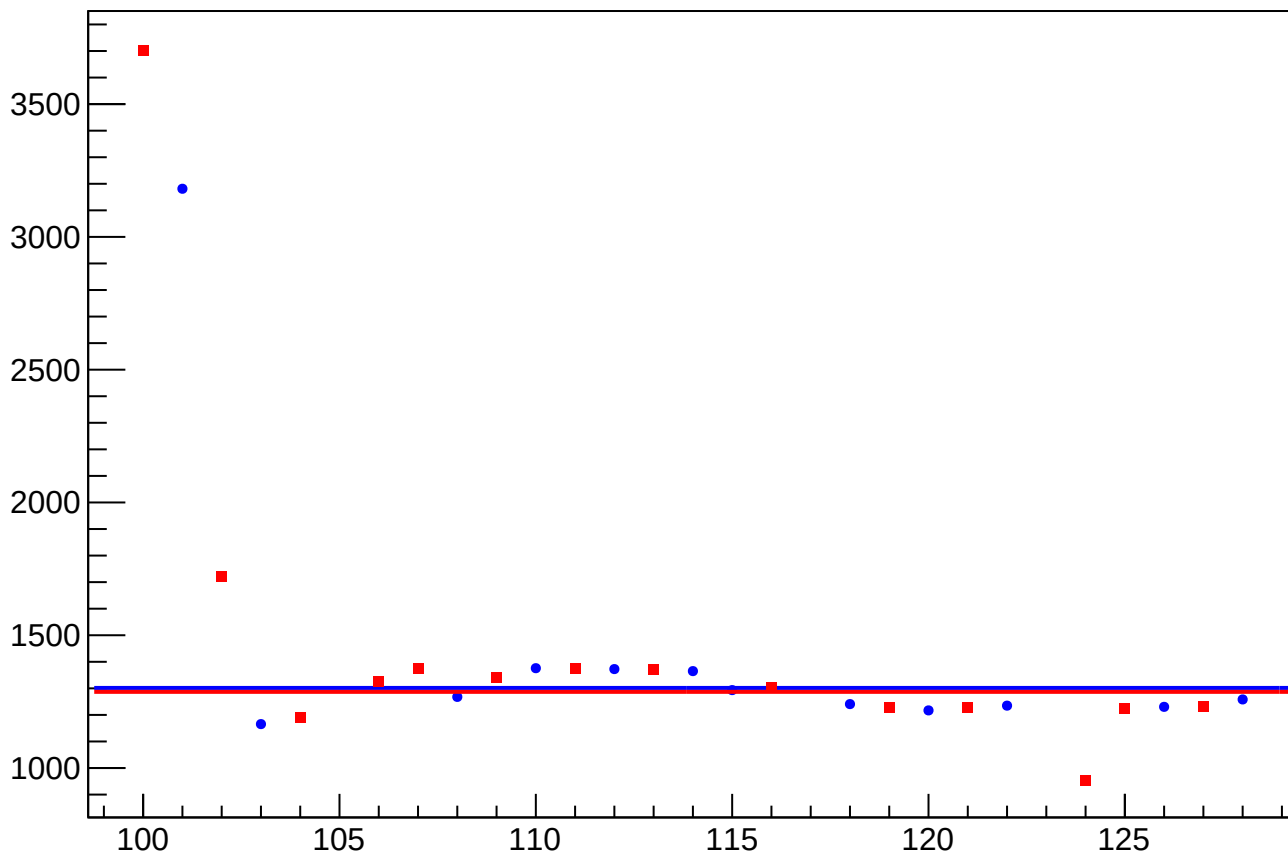
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -237.349+/-411.171 χ^2/NDF : 22.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1301.611+/-0.423 χ^2/NDF : 491730.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1286.883+/-0.400 χ^2/NDF : 188442.4/13

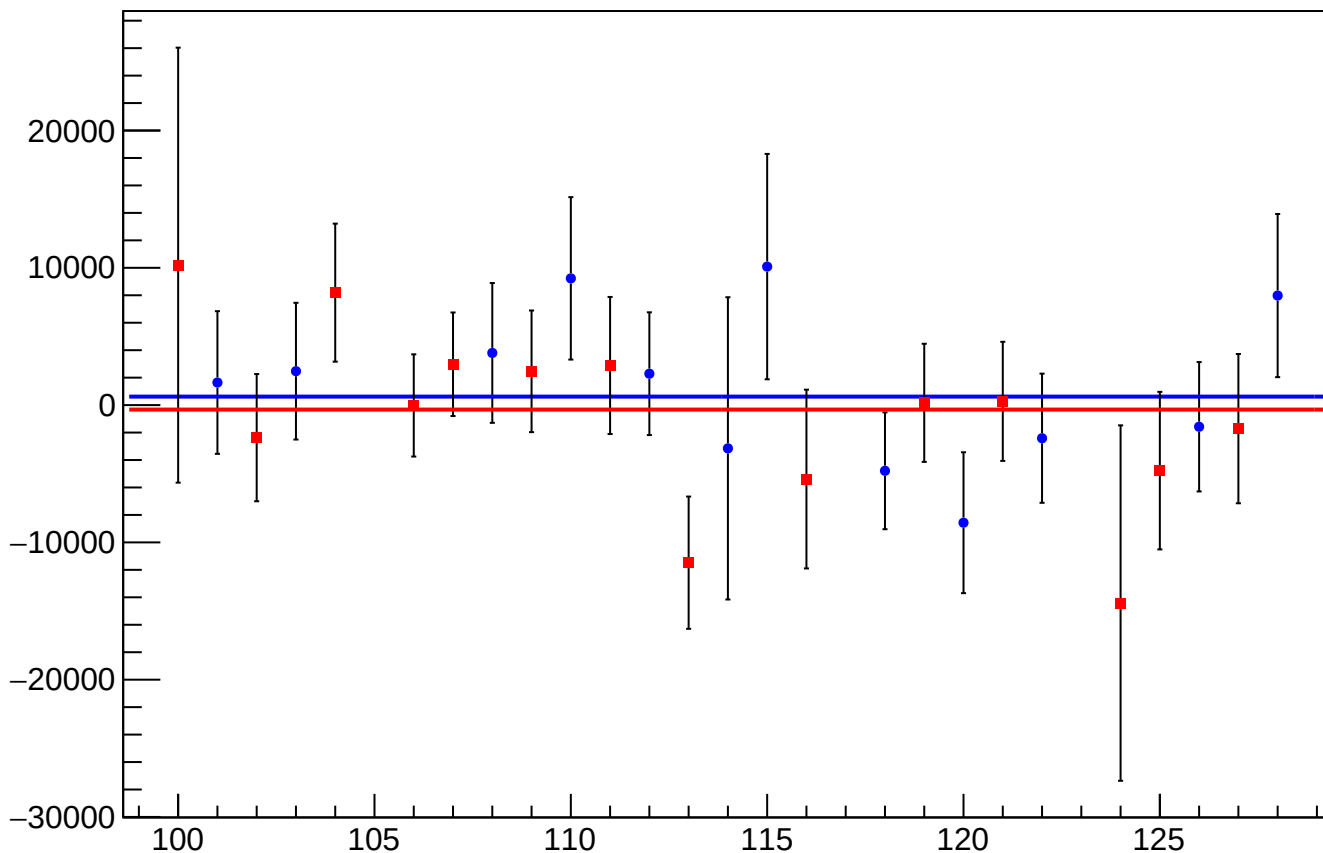
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.841+/-0.291 χ^2/NDF : 680812.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_dit_correction_mean vs Slug



Right In: 618.582 ± 1526.108 χ^2/NDF : 11.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -325.100 ± 1327.200 χ^2/NDF : 12.9/13

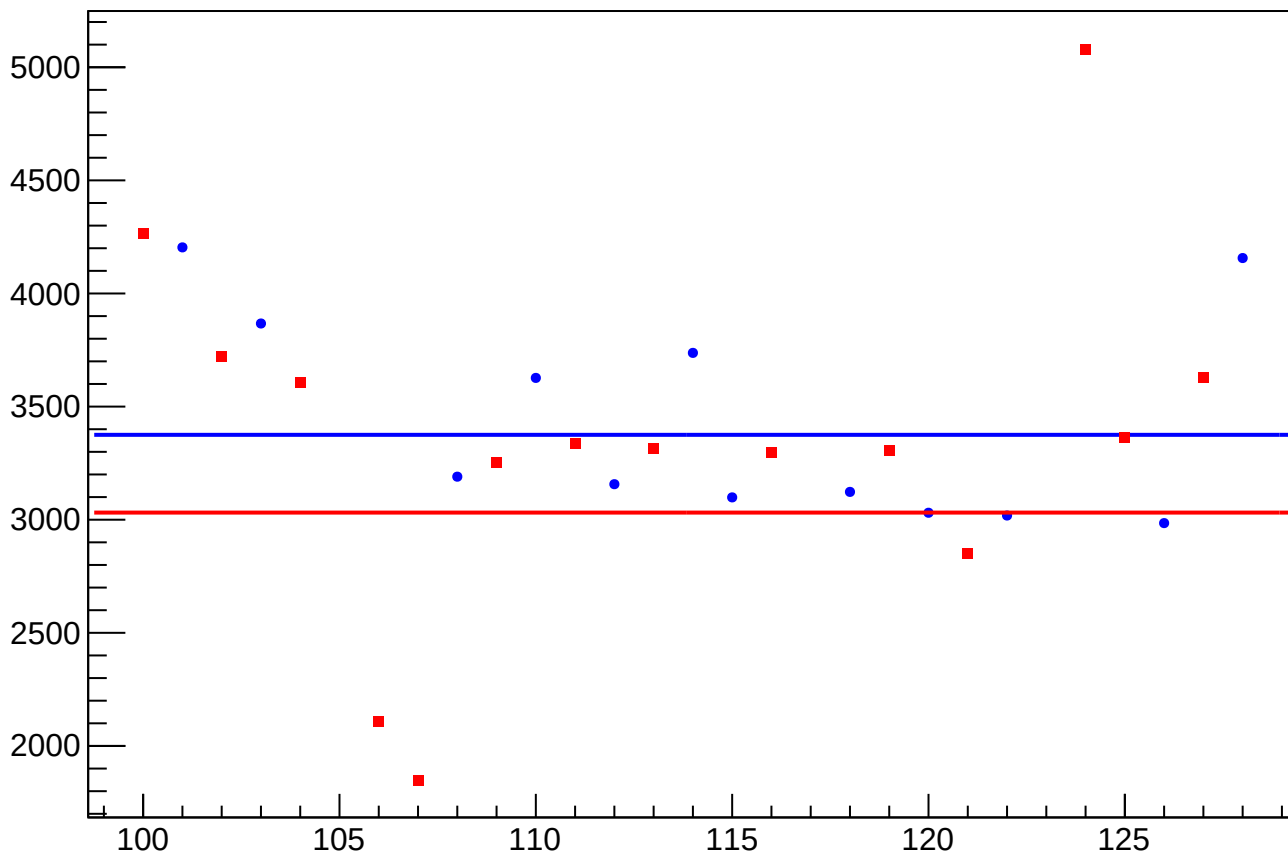
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 81.274 ± 1001.464 χ^2/NDF : 24.4/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_dit_correction_rms vs Slug



Right In: 3375.180+/-1.079 χ^2/NDF : 161671.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3031.500+/-0.938 χ^2/NDF : 517789.1/13

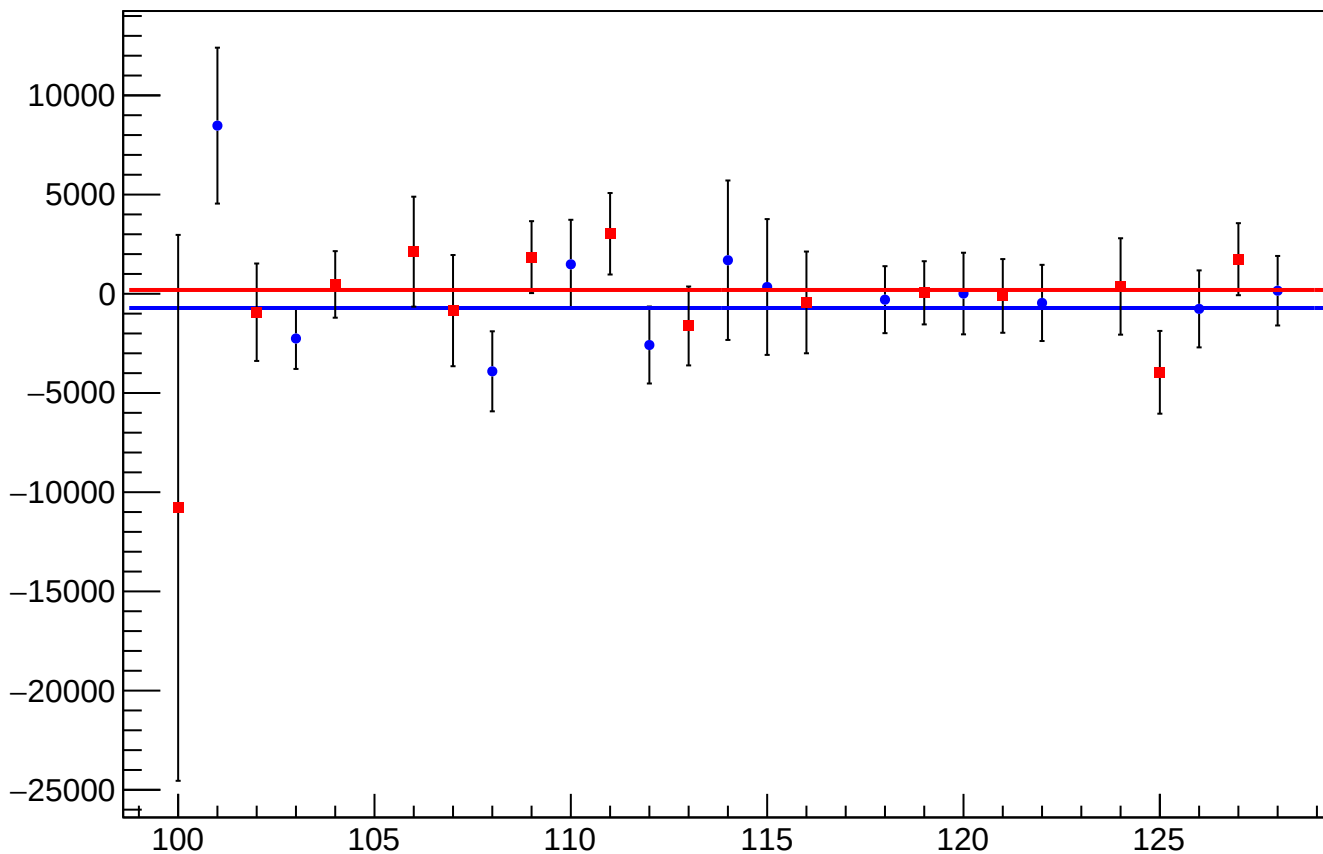
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3179.497+/-0.708 χ^2/NDF : 737213.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -716.060 $\pm$ 597.908 χ^2 /NDF: 11.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 192.152 $\pm$ 566.342 χ^2 /NDF: 9.9/13

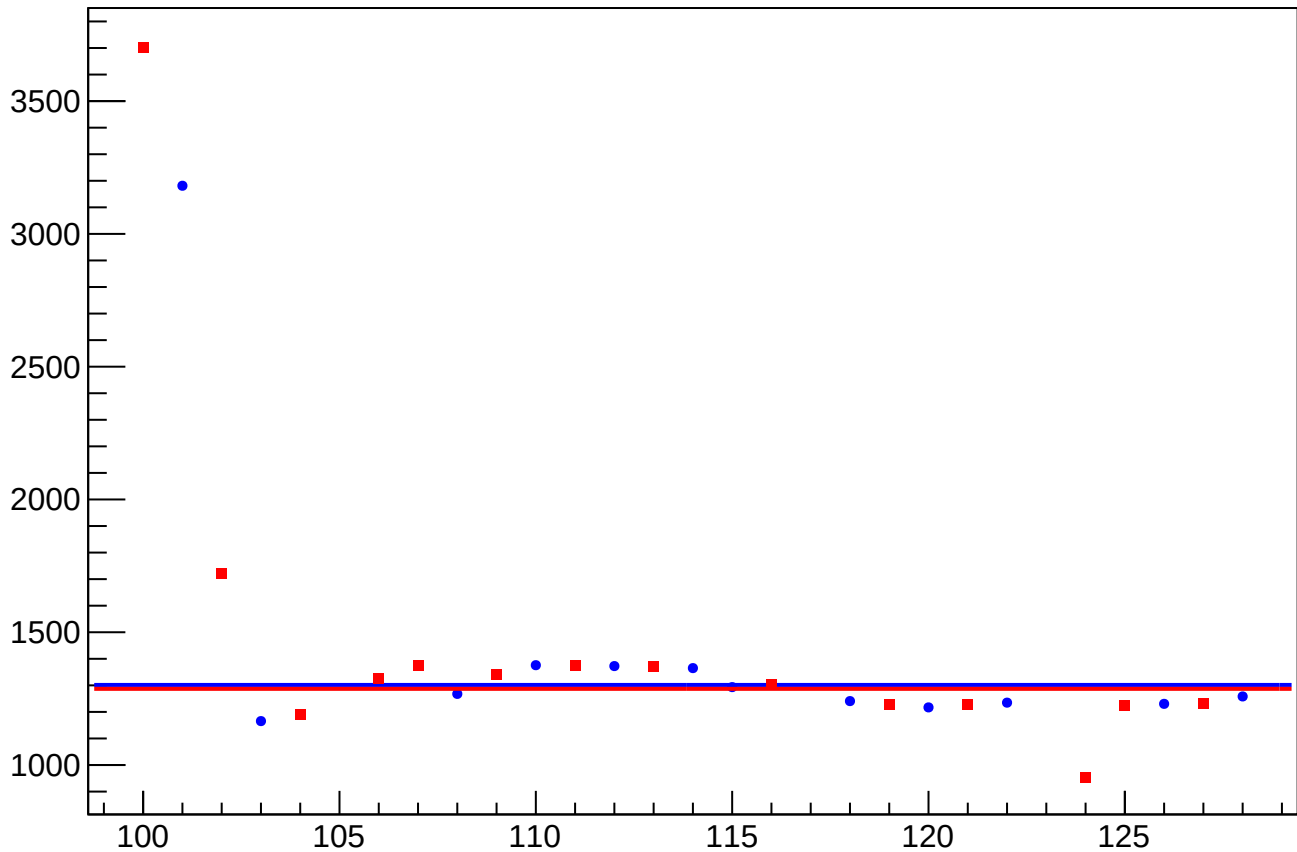
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -237.348 $\pm$ 411.171 χ^2 /NDF: 22.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1301.611+/-0.423 χ^2/NDF : 491730.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1286.883+/-0.400 χ^2/NDF : 188442.4/13

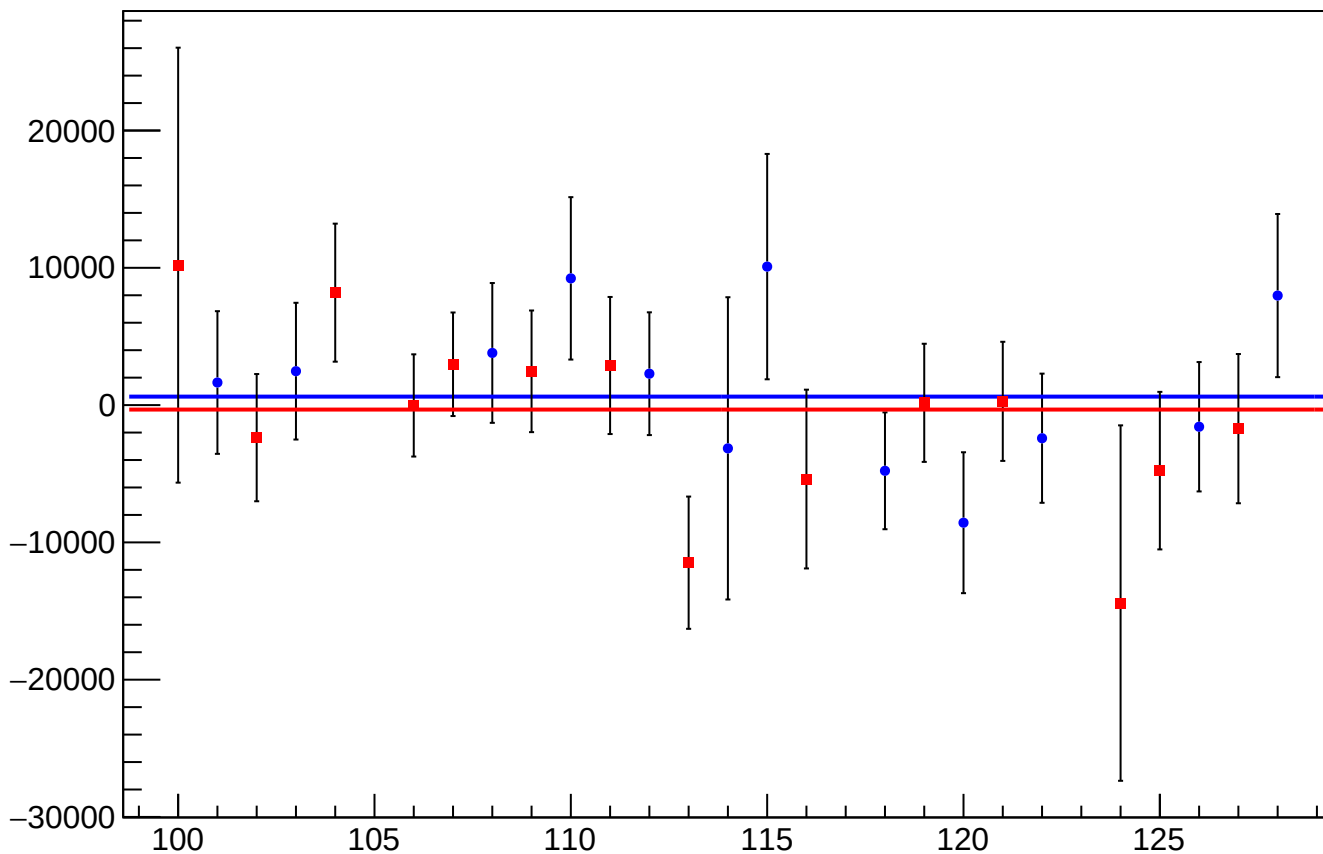
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.840+/-0.291 χ^2/NDF : 680813.0/25

- 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: 618.574 $\pm$ 1526.103 χ^2 /NDF: 11.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -325.094 $\pm$ 1327.197 χ^2 /NDF: 12.9/13

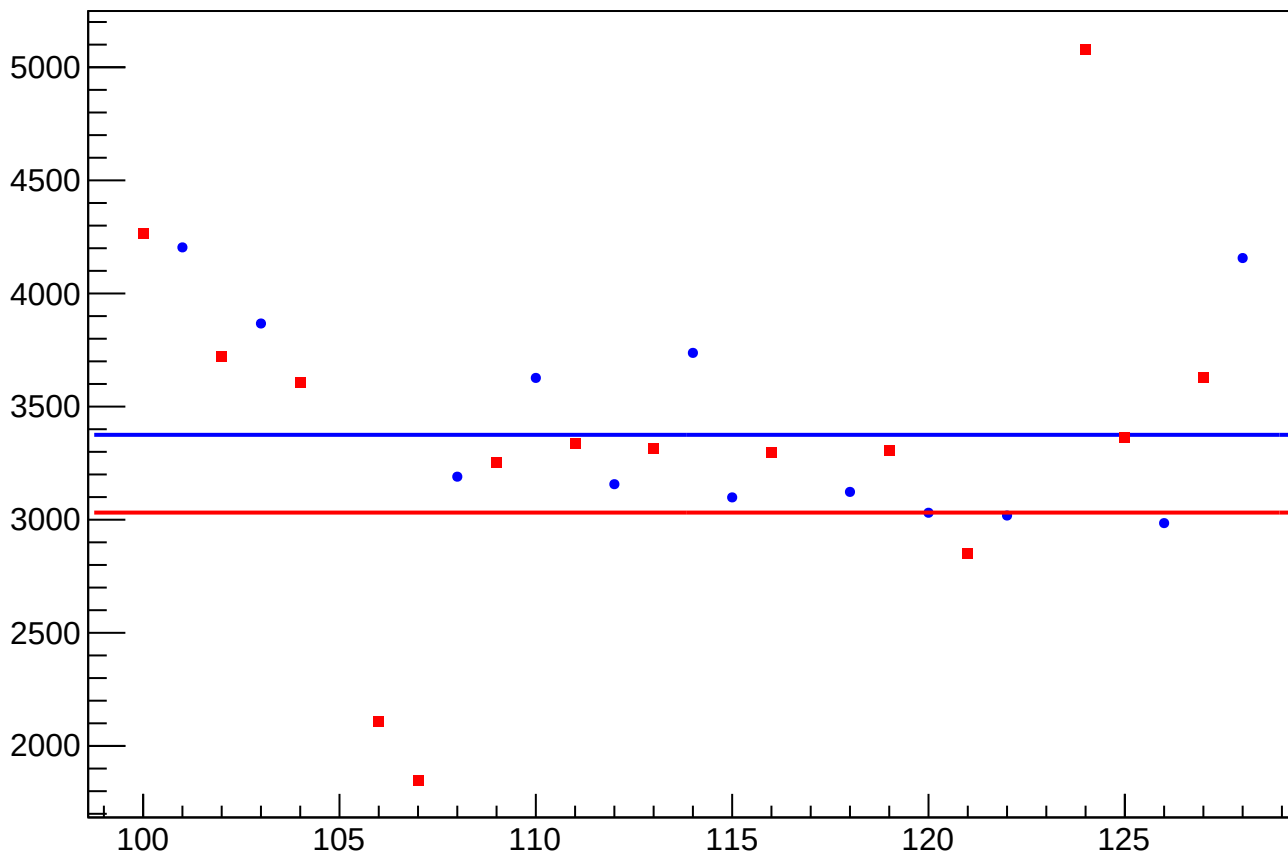
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 81.274 $\pm$ 1001.461 χ^2 /NDF: 24.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_correction_rms vs Slug



Right In: 3375.169+/-1.079 χ^2/NDF : 161674.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3031.492+/-0.938 χ^2/NDF : 517790.7/13

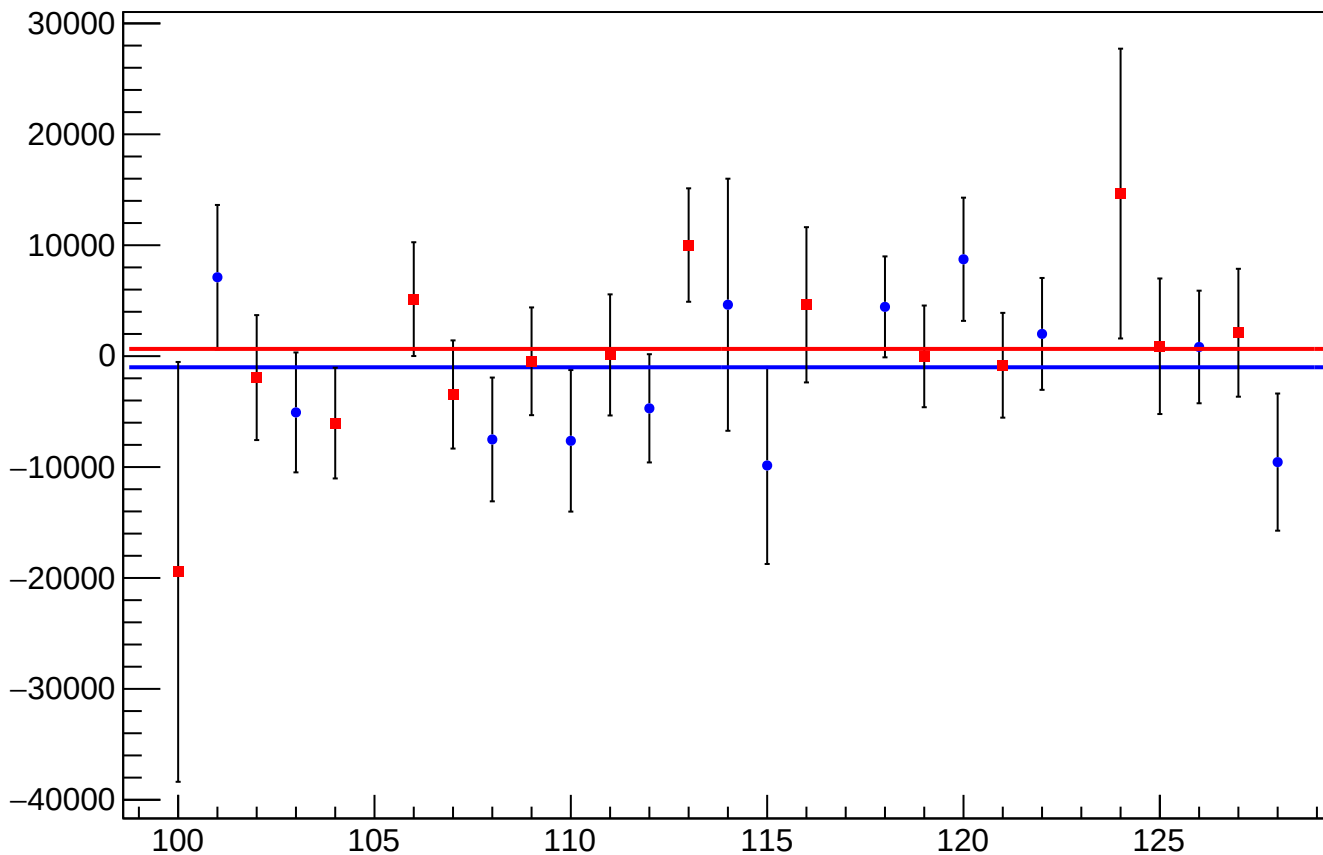
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3179.488+/-0.708 χ^2/NDF : 737216.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -1002.920+/-1662.422 χ^2 /NDF: 13.3/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 651.498+/-1500.419 χ^2 /NDF: 9.7/13

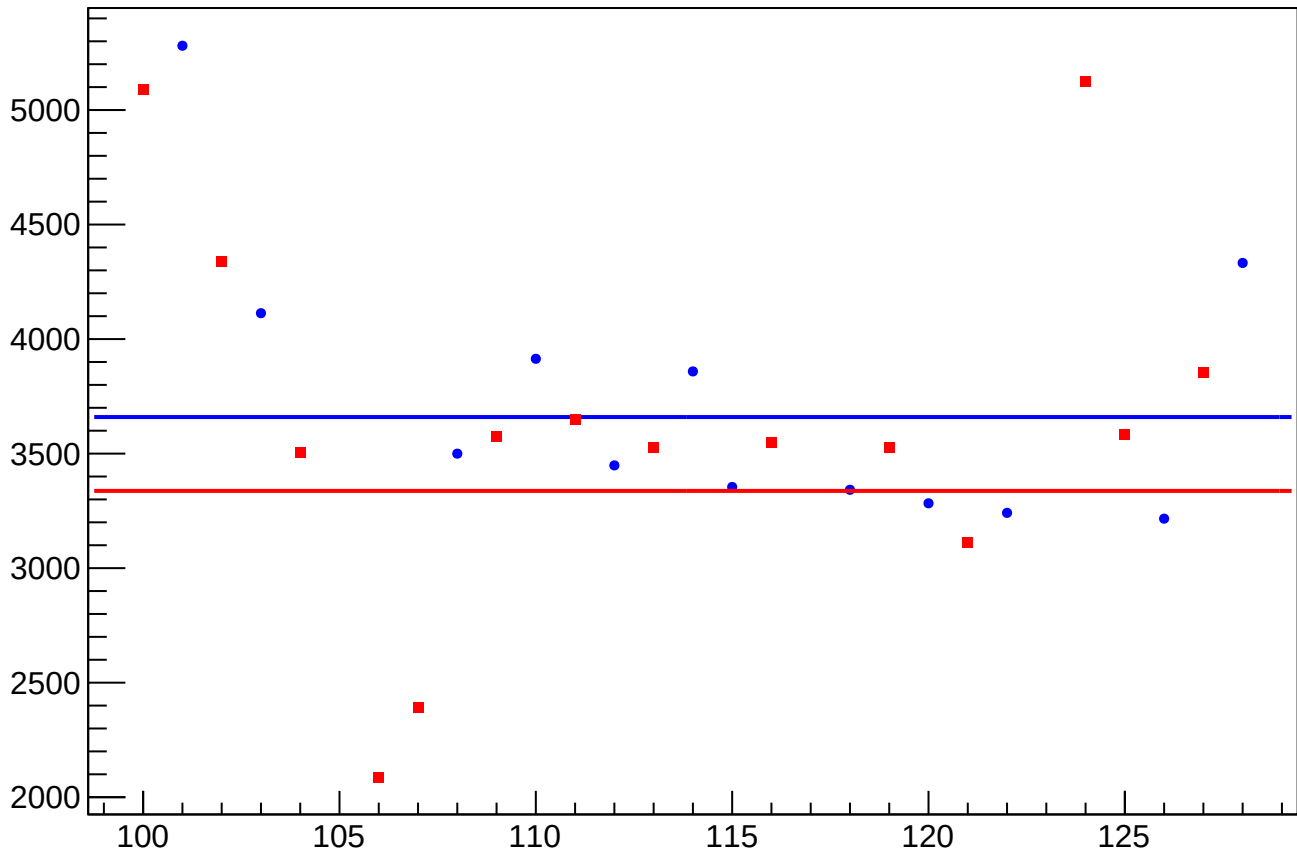
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -91.192+/-1113.839 χ^2 /NDF: 23.5/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 3659.613 $\pm$ 1.175 χ^2 /NDF: 220965.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

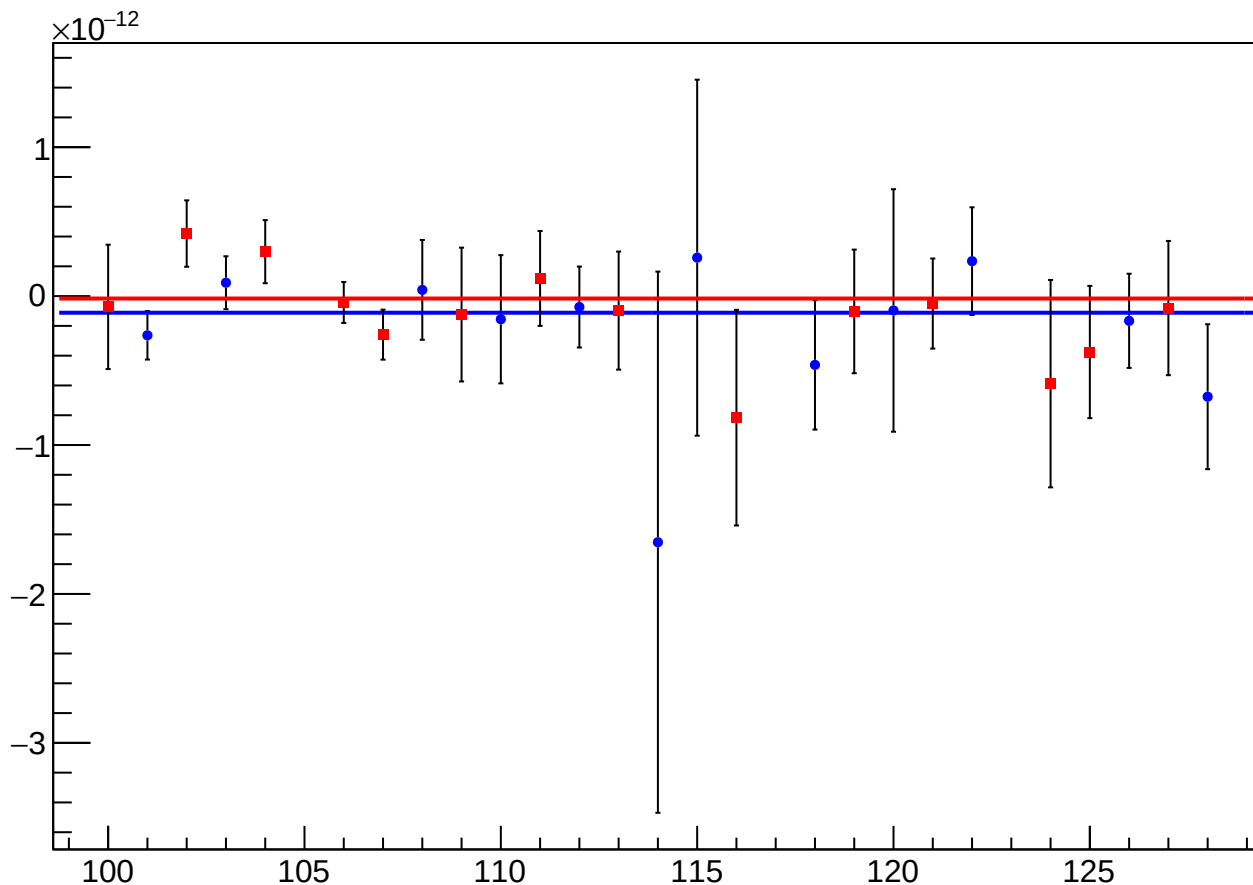
Right Out: 3337.186 $\pm$ 1.043 χ^2 /NDF: 405396.0/13

All: 3479.183 $\pm$ 0.780 χ^2 /NDF: 668462.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 6.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 11.1/13

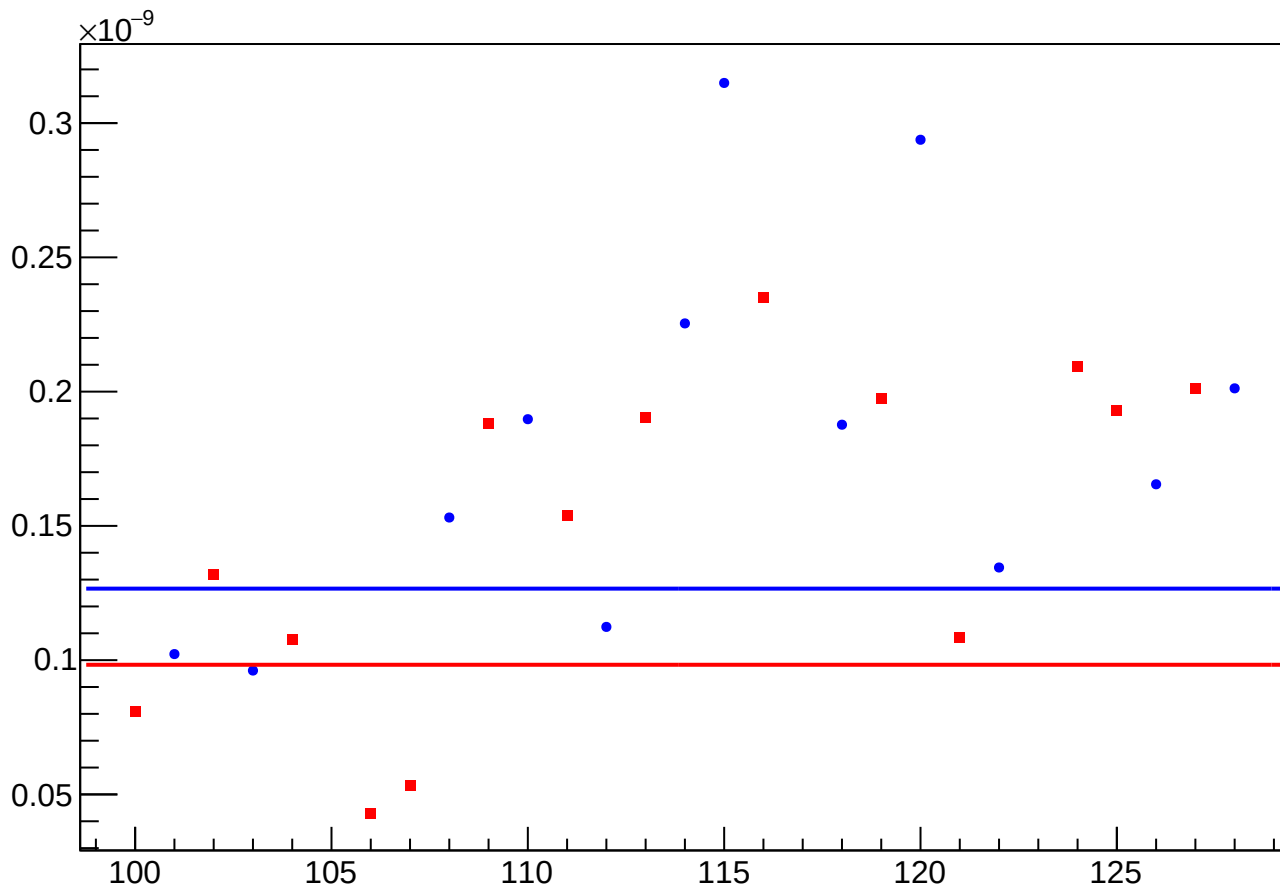
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 17.9/25

- 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 : 422104.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1204193.5/13

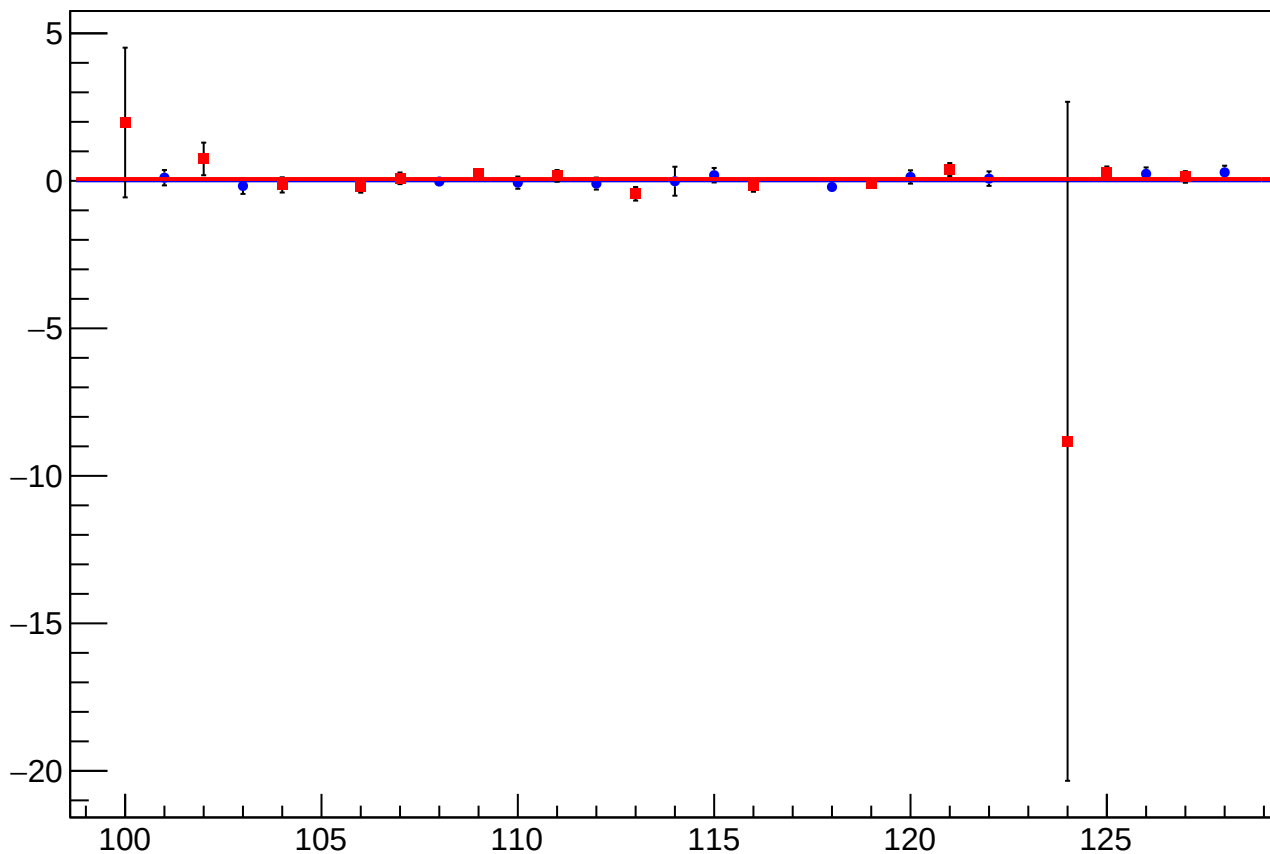
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1748262.4/25

- 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: 0.018+/-0.063 χ^2/NDF : 6.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.061+/-0.059 χ^2/NDF : 17.0/13

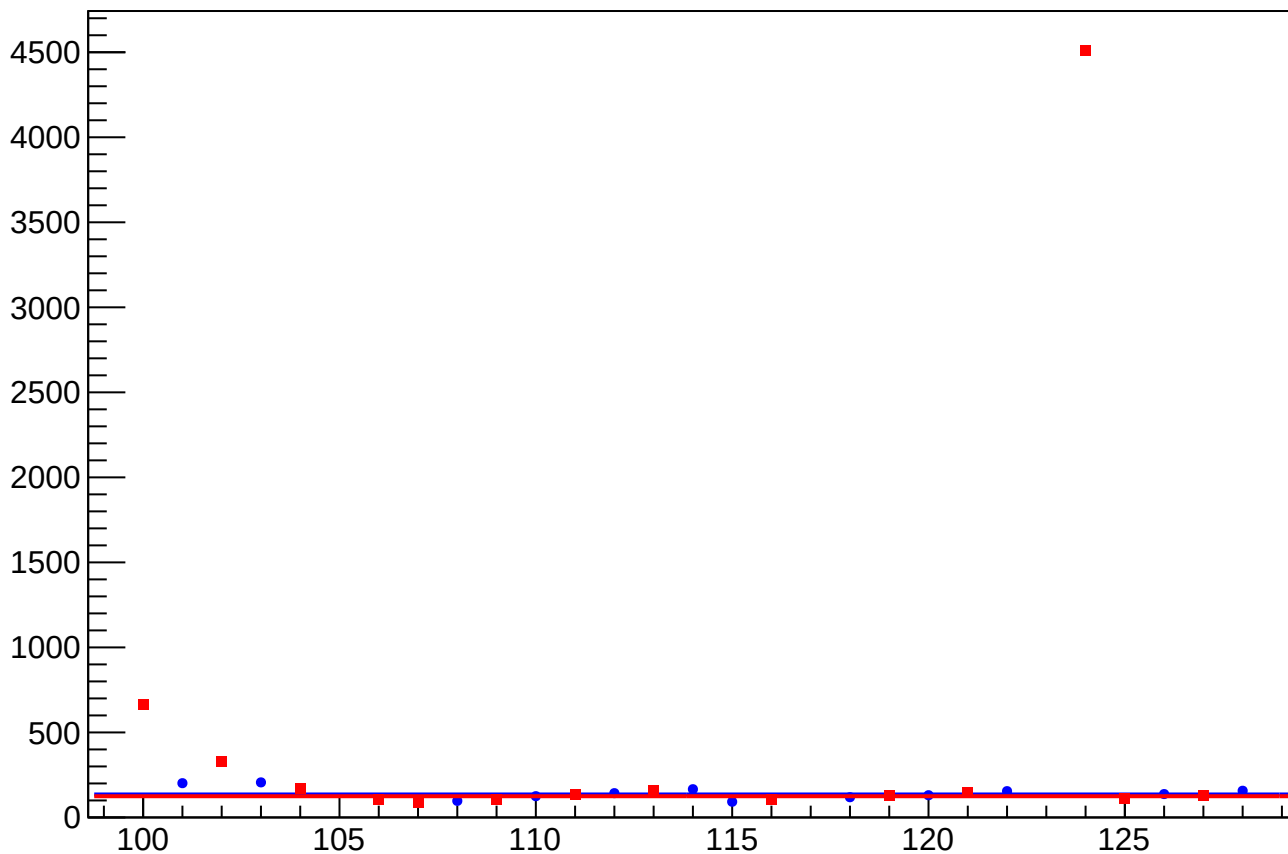
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.041+/-0.043 χ^2/NDF : 23.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_rms vs Slug



Right In: 135.116 $\pm$ 0.045 χ^2 /NDF: 507194.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

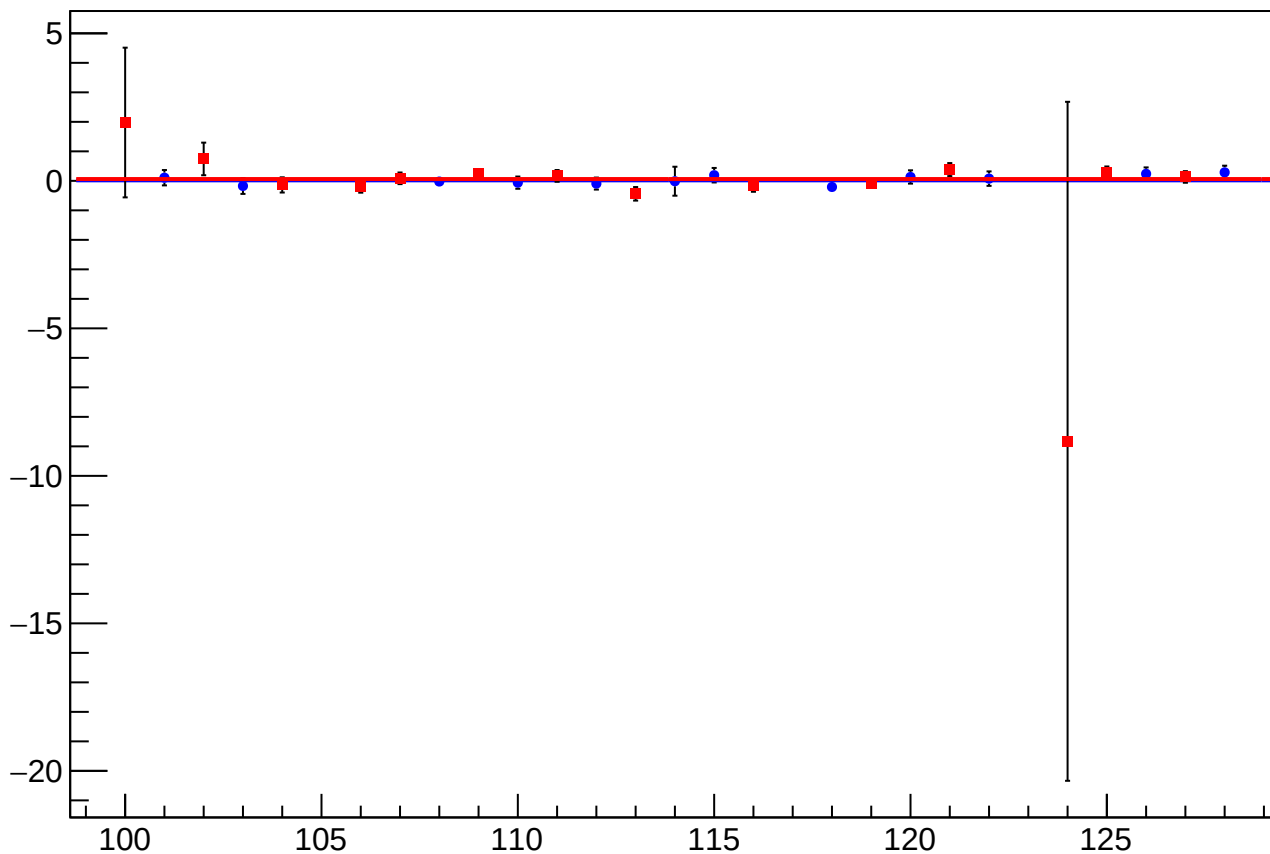
Right Out: 124.806 $\pm$ 0.042 χ^2 /NDF: 908299.6/13

All: 129.606 $\pm$ 0.031 χ^2 /NDF: 1443913.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.018 $\pm$ 0.063 χ^2 /NDF: 6.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.061 $\pm$ 0.059 χ^2 /NDF: 17.0/13

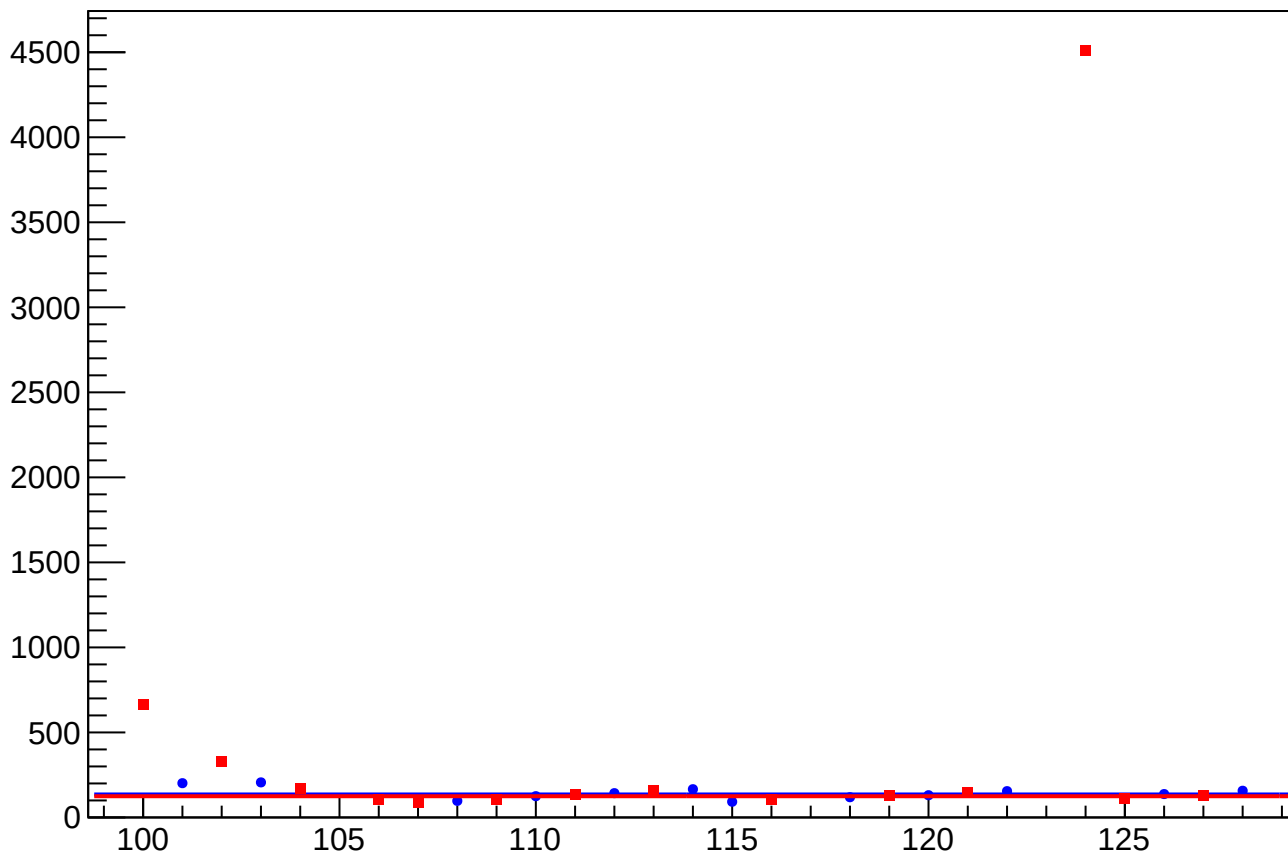
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.041 $\pm$ 0.043 χ^2 /NDF: 23.6/25

- 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: 135.116+/-0.045 χ^2/NDF : 507194.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.806+/-0.042 χ^2/NDF : 908299.6/13

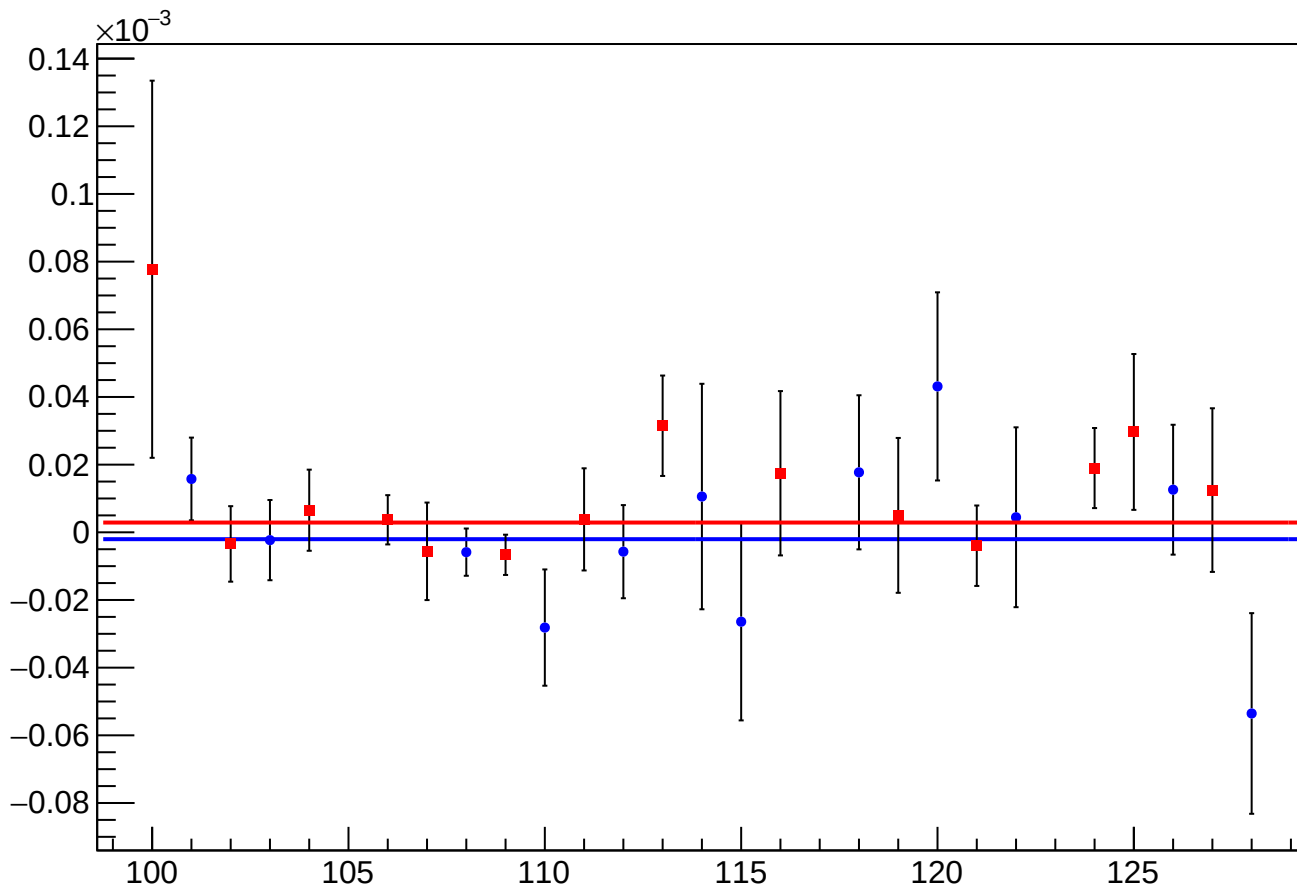
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.606+/-0.031 χ^2/NDF : 1443913.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 12.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.9/13

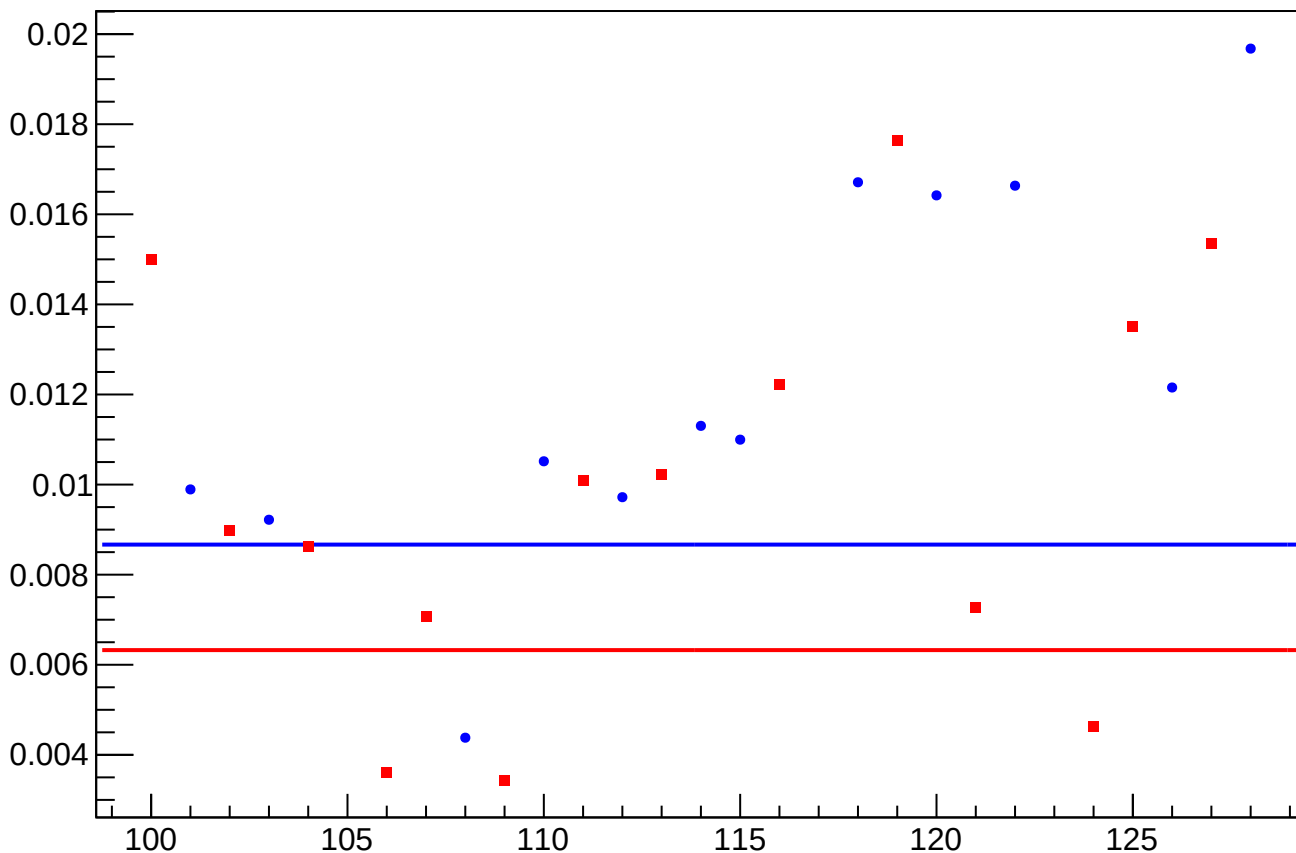
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.009+/-0.000 χ^2/NDF : 1764471.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 2386410.9/13

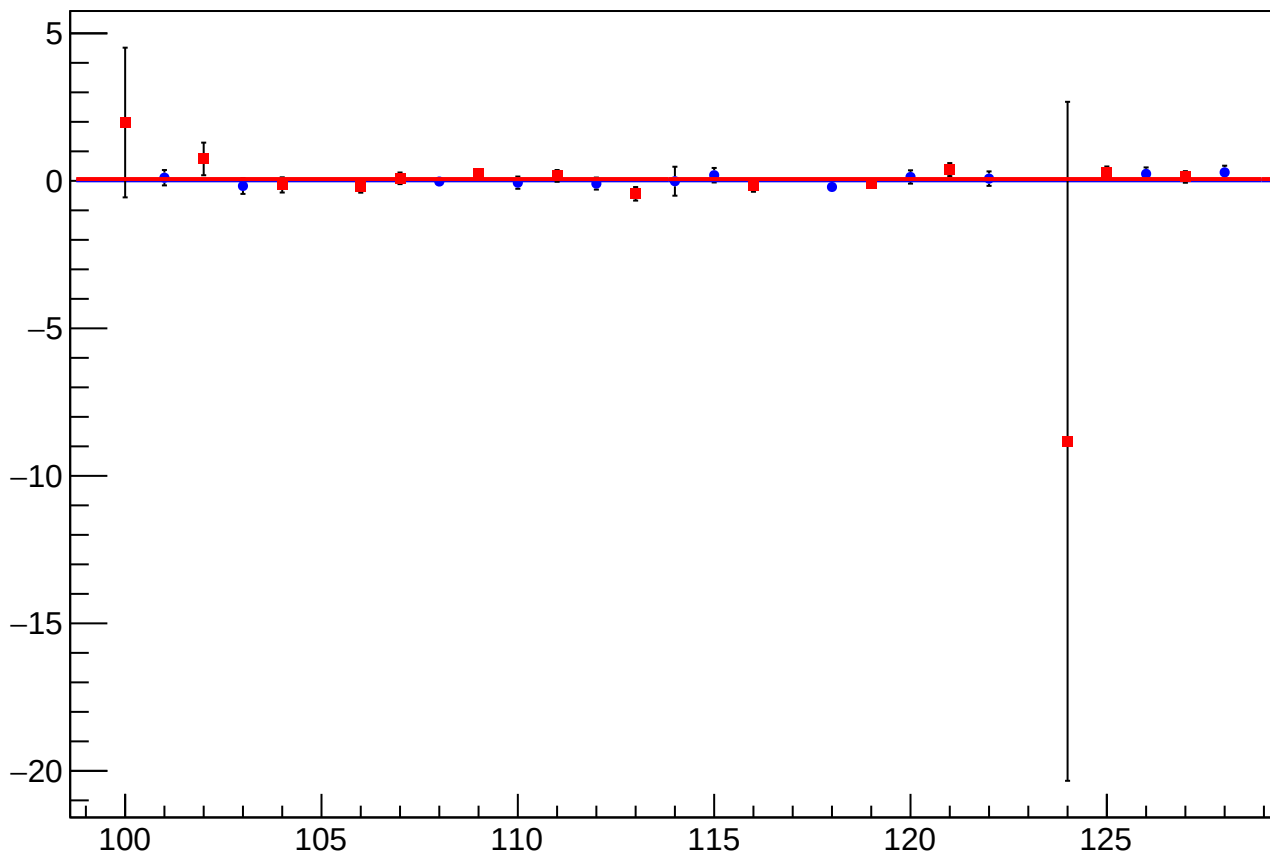
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 4530185.9/25

- 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: 0.018+/-0.063 χ^2/NDF : 6.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.061+/-0.059 χ^2/NDF : 17.0/13

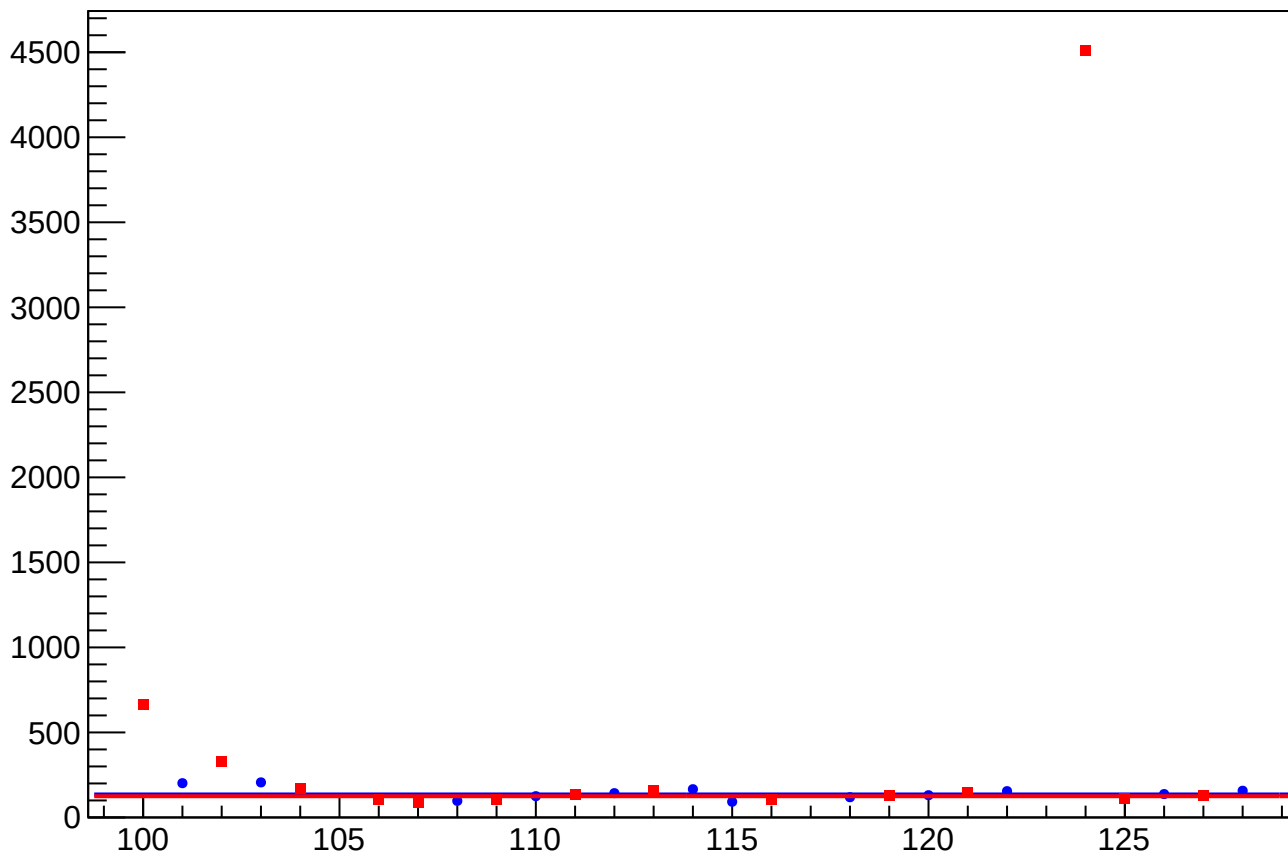
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.041+/-0.043 χ^2/NDF : 23.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 135.117+/-0.045 χ^2/NDF : 507157.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.808+/-0.042 χ^2/NDF : 908250.5/13

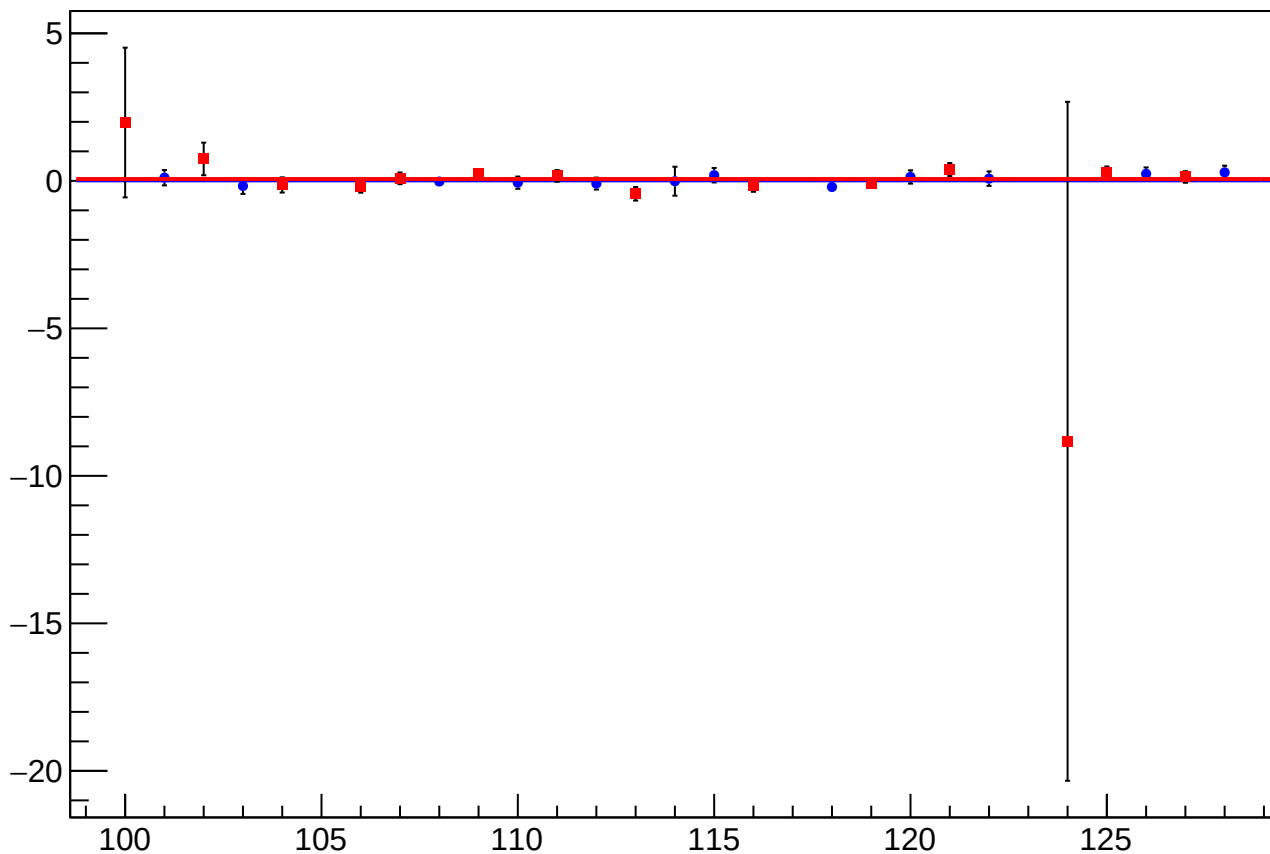
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.608+/-0.031 χ^2/NDF : 1443817.6/25

- 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: 0.018+/-0.063 χ^2/NDF : 6.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.061+/-0.059 χ^2/NDF : 17.0/13

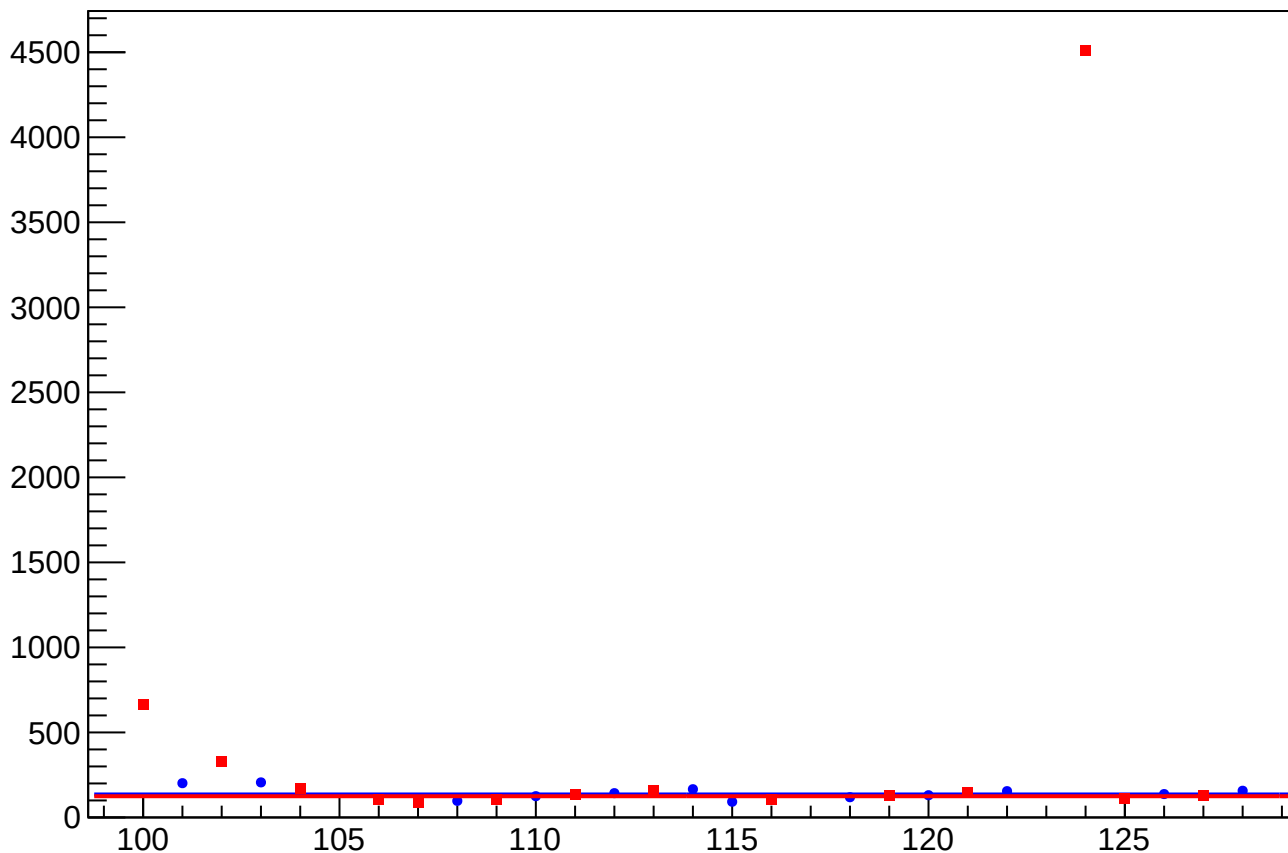
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.041+/-0.043 χ^2/NDF : 23.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 135.117 $\pm$ 0.045 χ^2 /NDF: 507157.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 124.808 $\pm$ 0.042 χ^2 /NDF: 908250.5/13

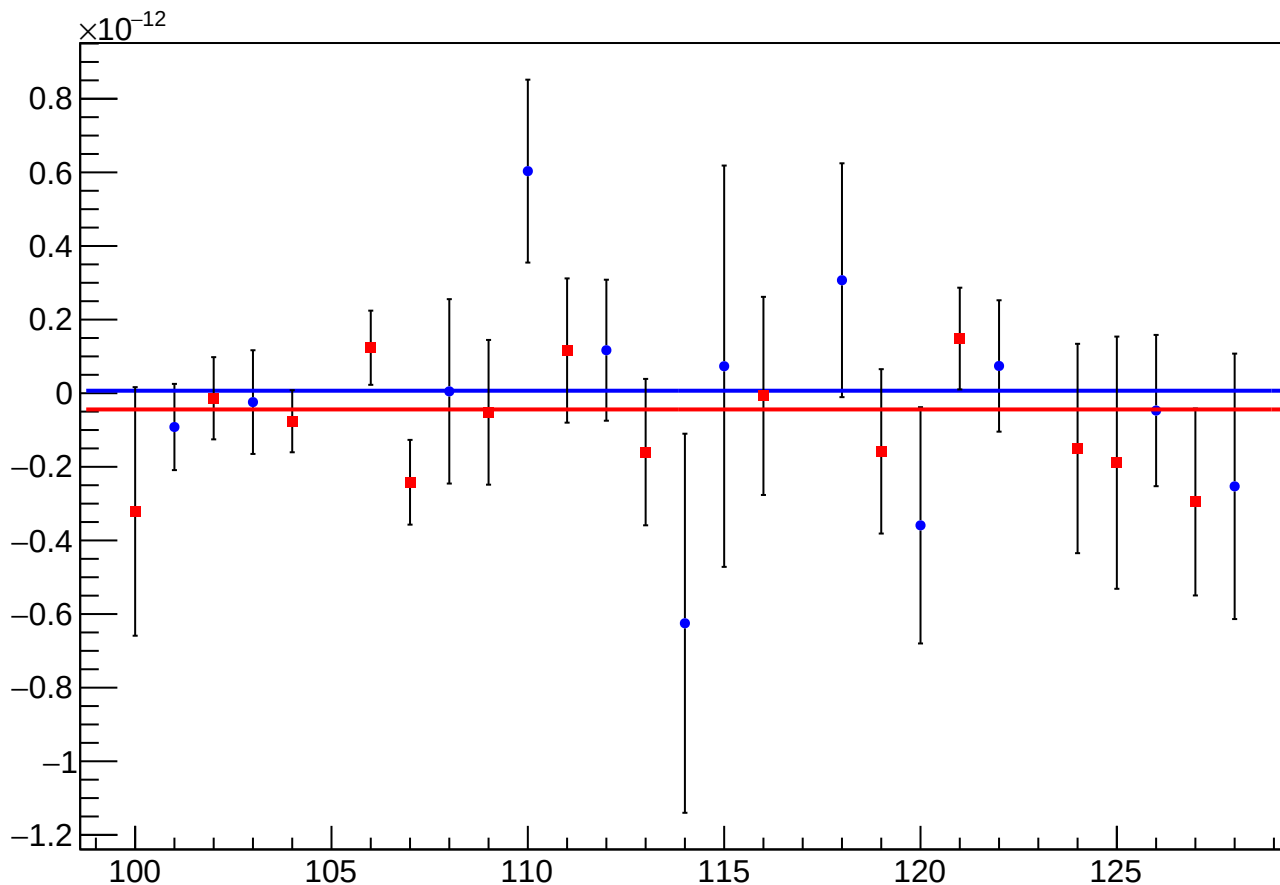
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 129.608 $\pm$ 0.031 χ^2 /NDF: 1443817.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.1/13

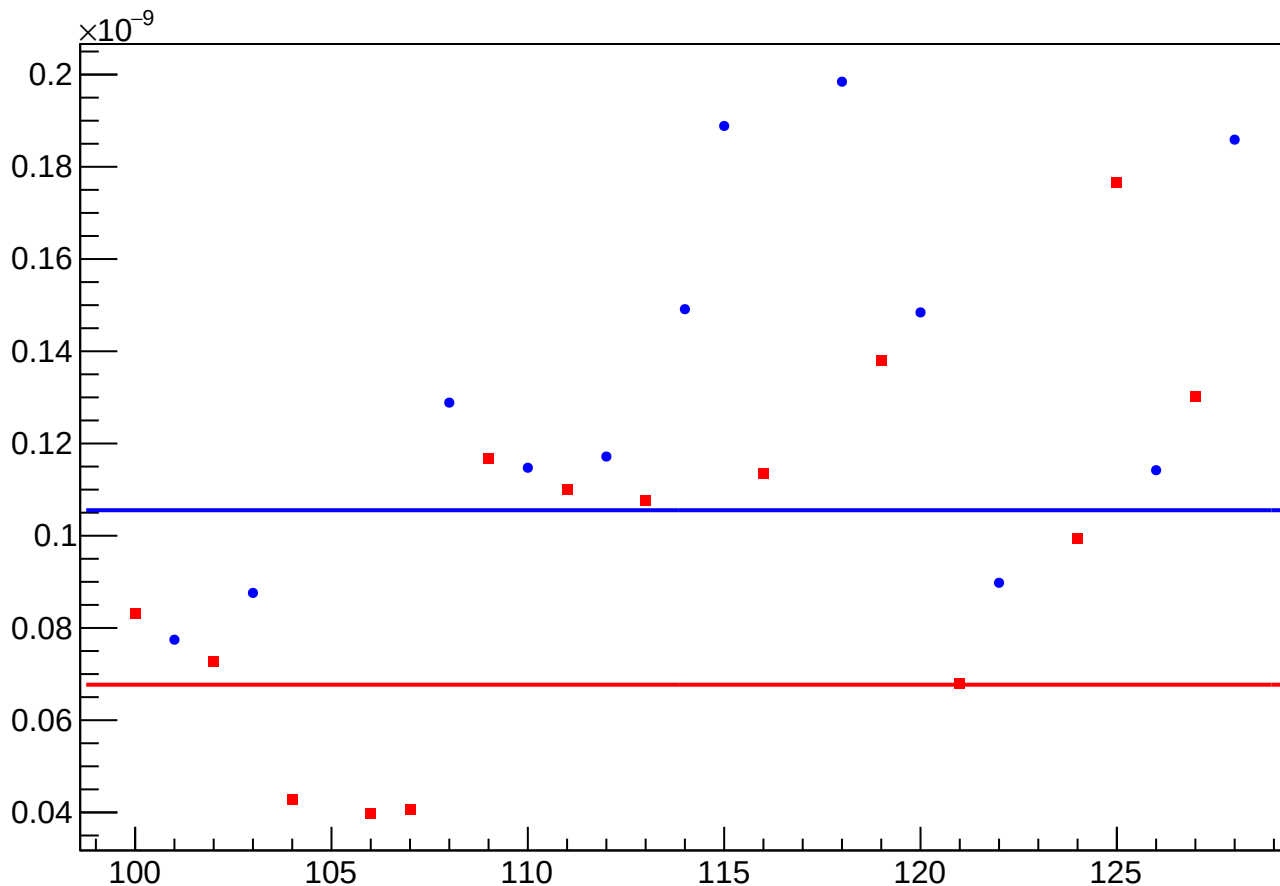
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 561137.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1348256.0/13

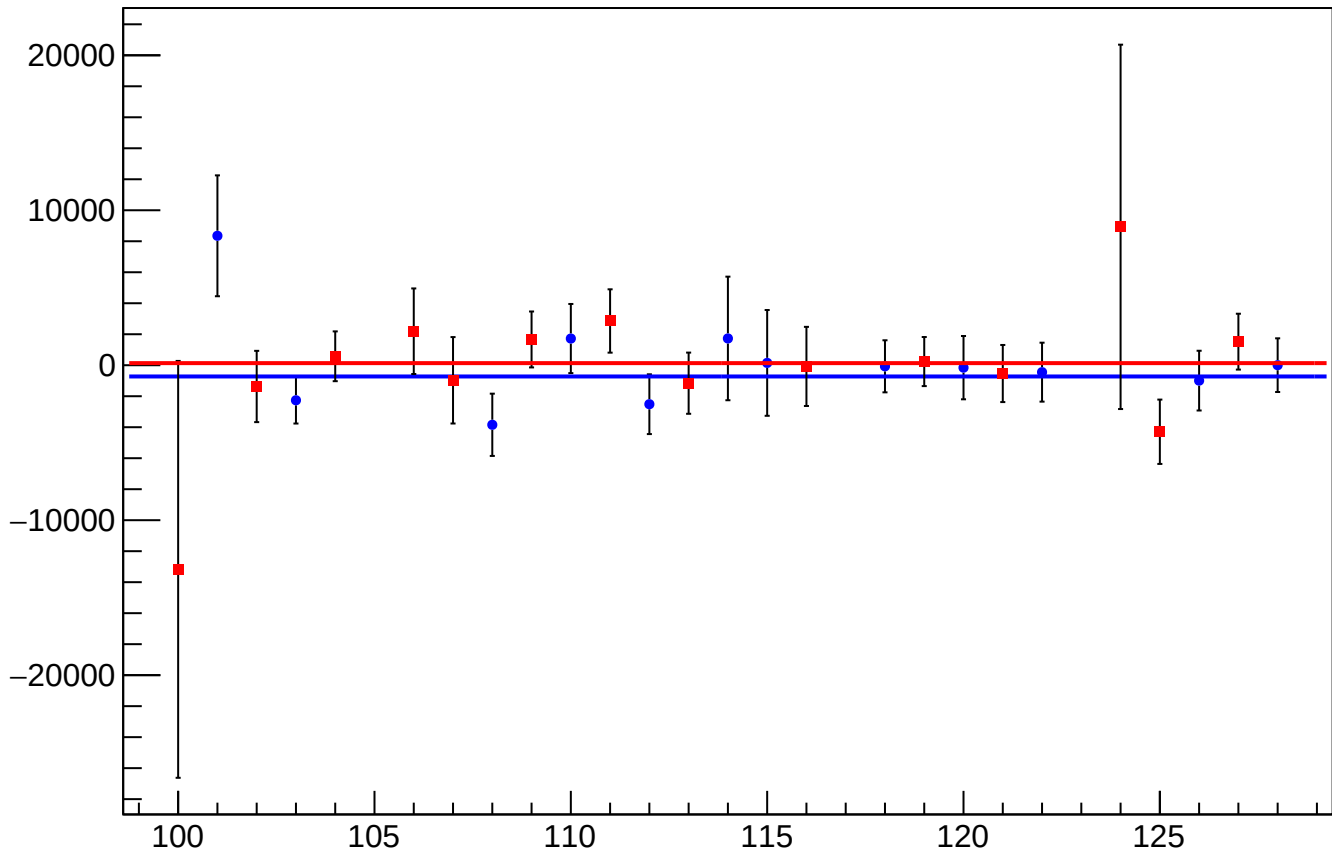
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2446394.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -725.495+/-592.517 χ^2 /NDF: 11.8/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 135.708+/-573.668 χ^2 /NDF: 11.0/13

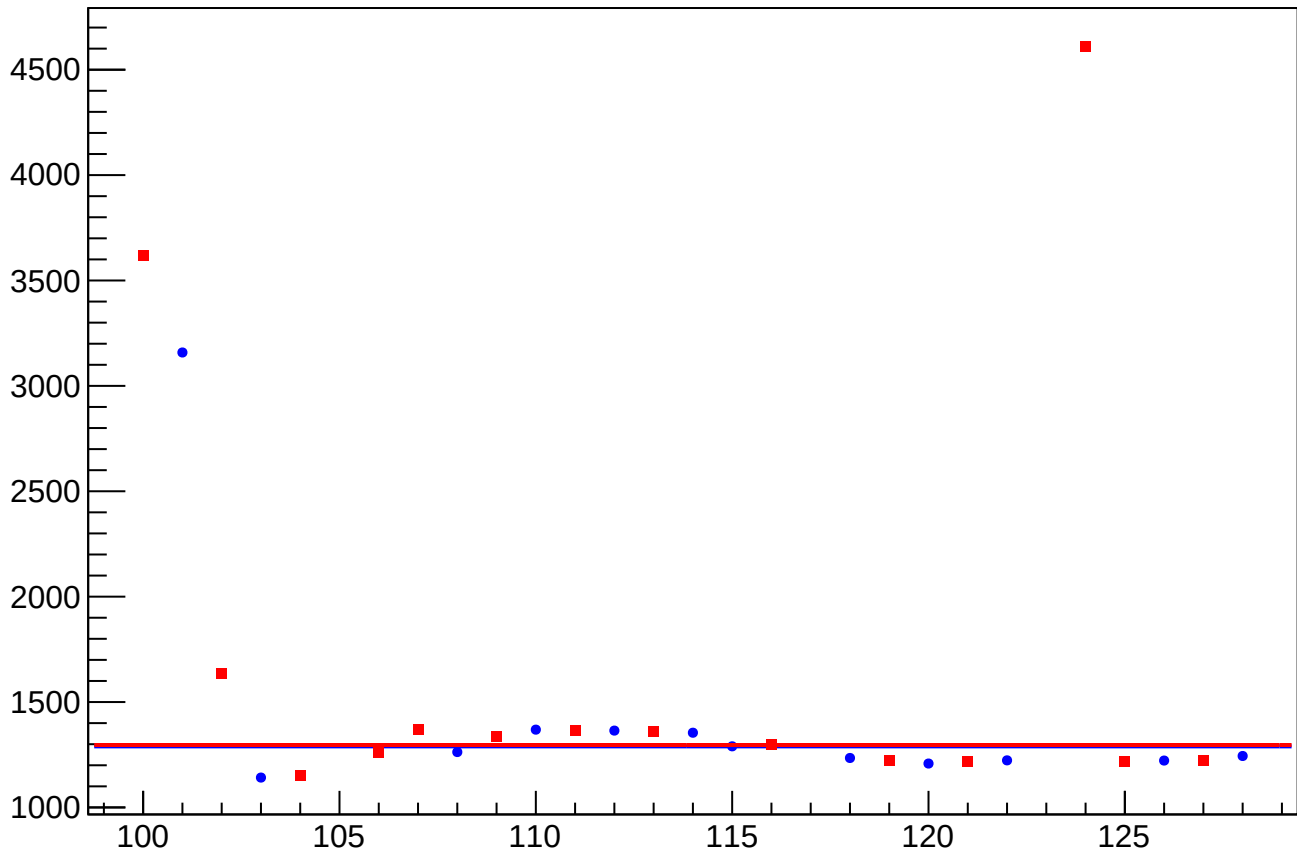
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -280.978+/-412.147 χ^2 /NDF: 23.9/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1289.696 $\pm$ 0.419 χ^2 /NDF: 496608.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

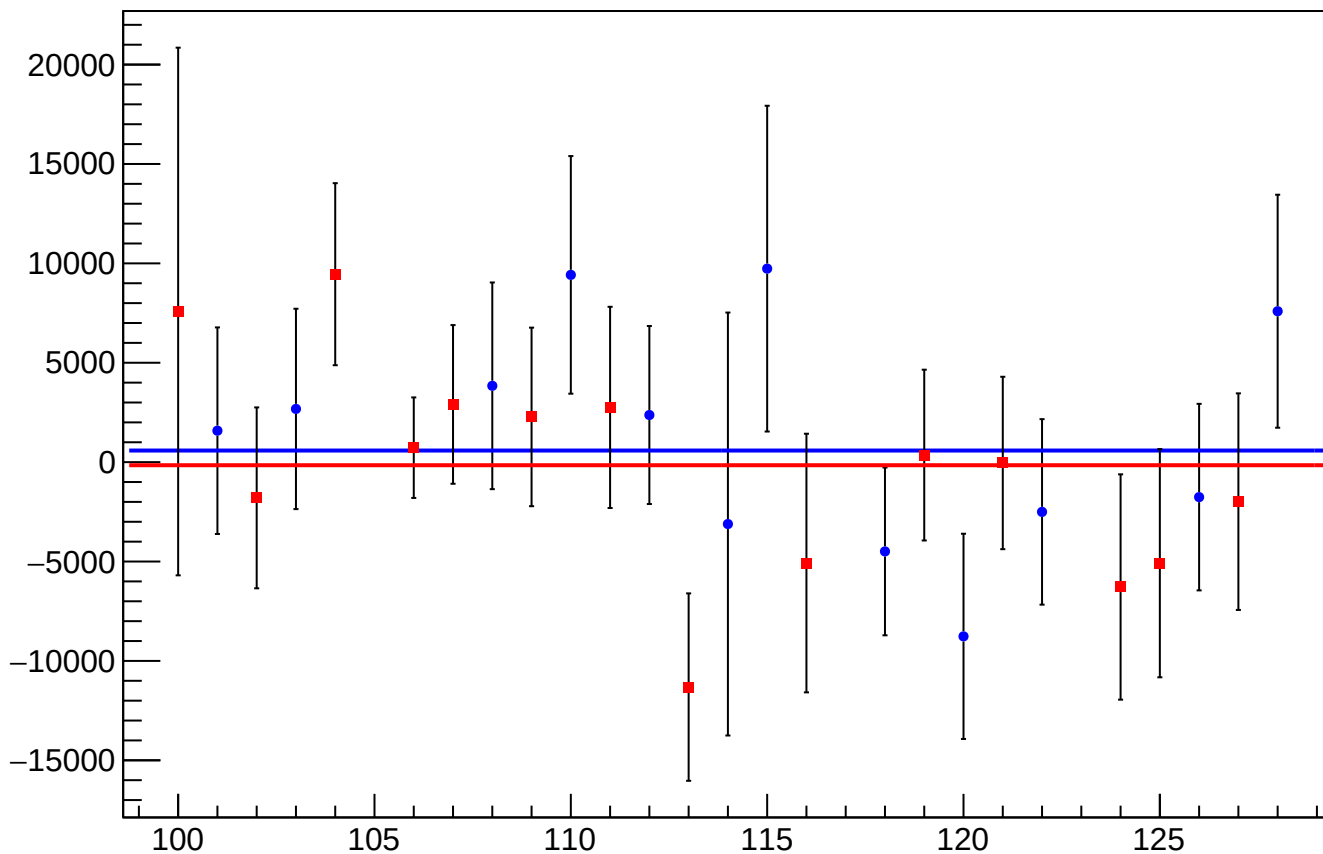
Right Out: 1296.192 $\pm$ 0.404 χ^2 /NDF: 299672.5/13

All: 1293.061 $\pm$ 0.291 χ^2 /NDF: 796405.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_mean vs Slug



Right In: 584.056+/-1526.499 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -154.904+/-1212.196 χ^2/NDF : 14.4/13

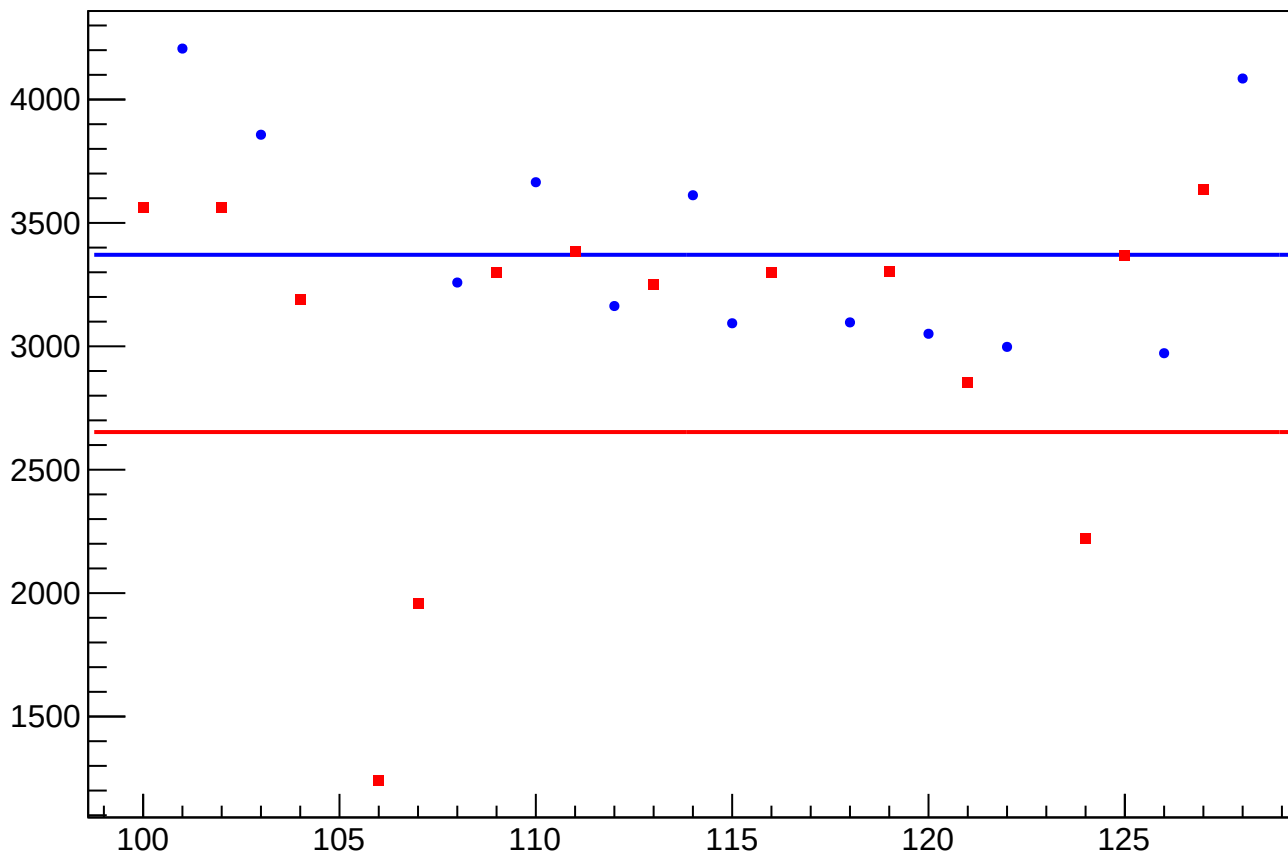
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.873+/-949.291 χ^2/NDF : 25.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_rms vs Slug



Right In: 3370.806 $\pm$ 1.079 χ^2 /NDF: 156799.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

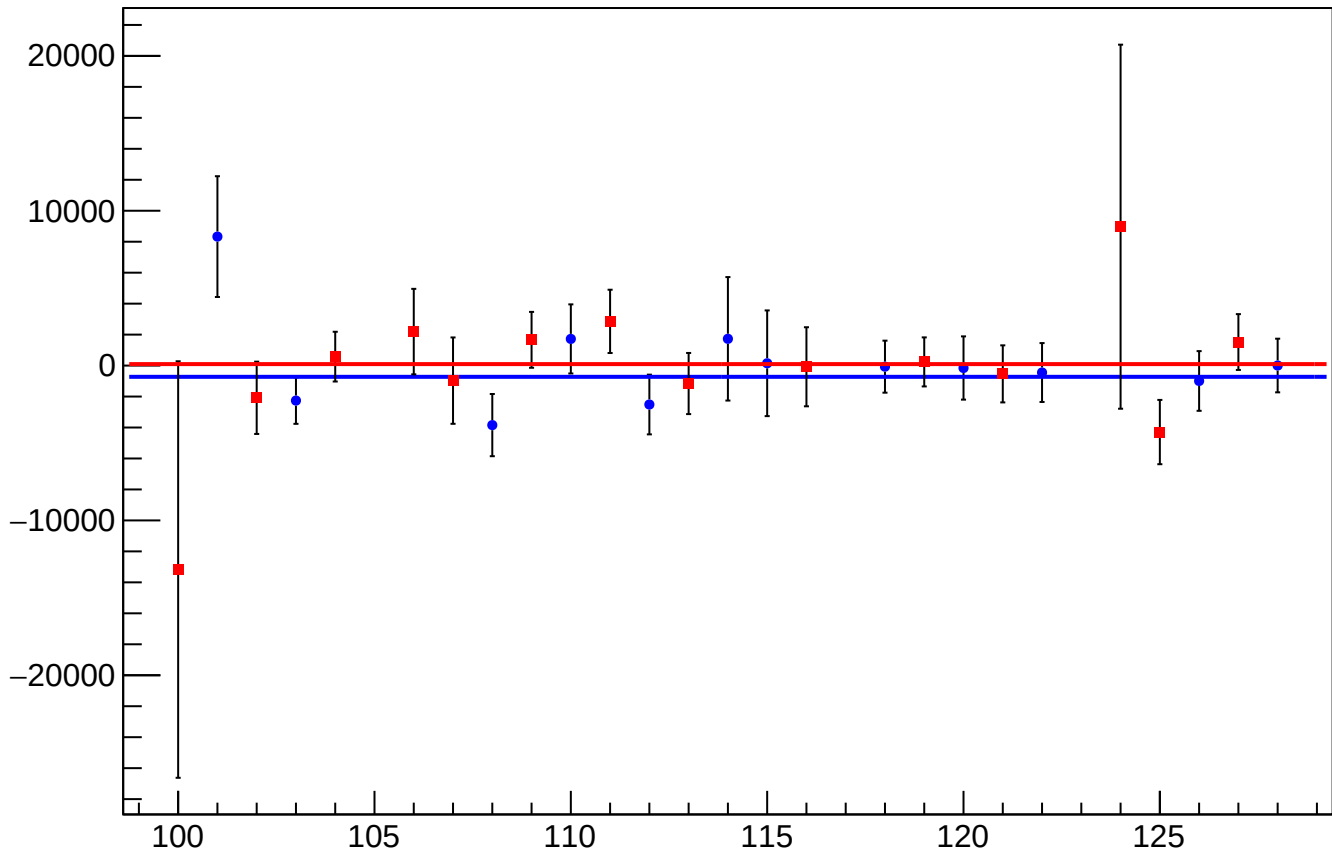
Right Out: 2652.612 $\pm$ 0.857 χ^2 /NDF: 1092406.4/13

All: 2930.358 $\pm$ 0.671 χ^2 /NDF: 1520708.7/25

- sign 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_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -726.046+/-592.517 χ^2/NDF : 11.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.703+/-574.195 χ^2/NDF : 11.4/13

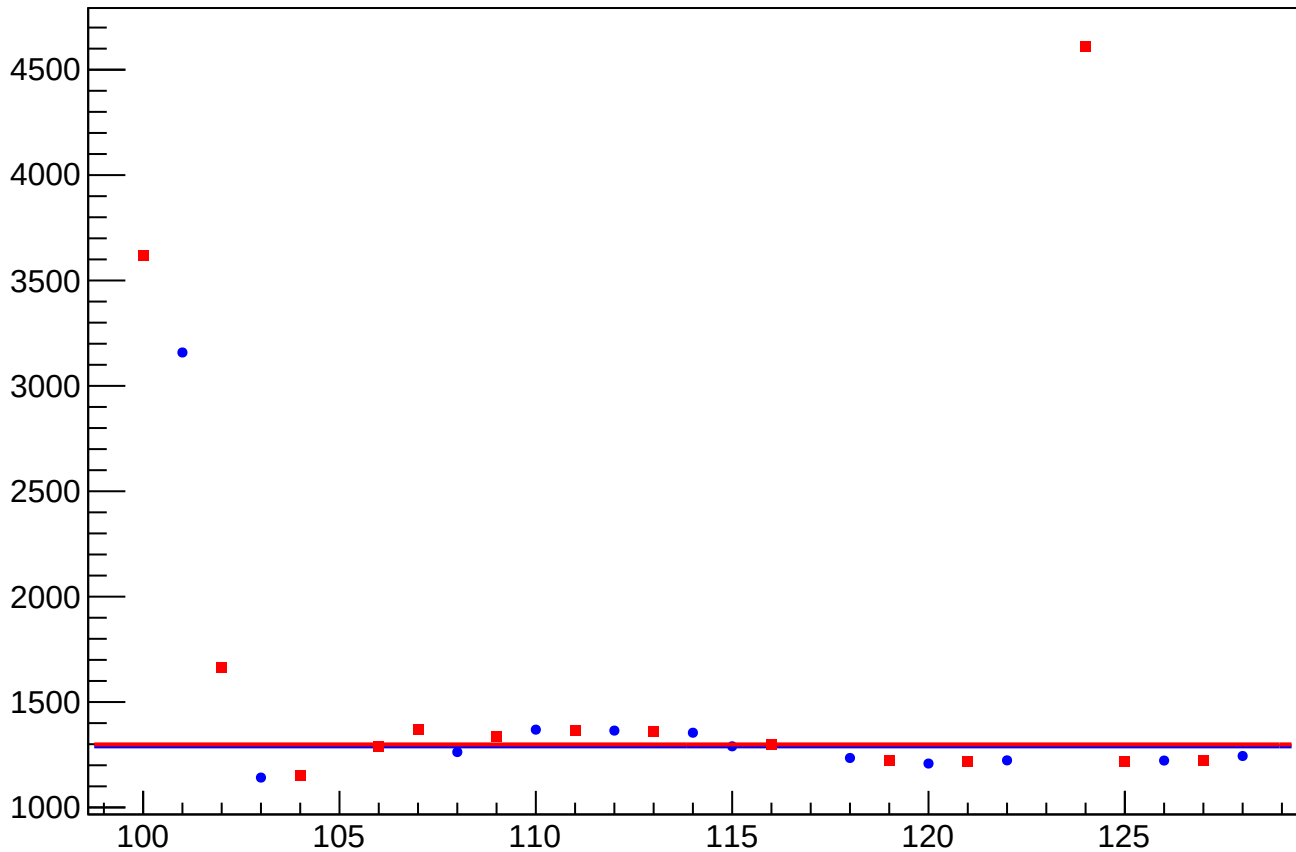
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -302.270+/-412.343 χ^2/NDF : 24.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1289.696+/-0.419 χ^2/NDF : 496609.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

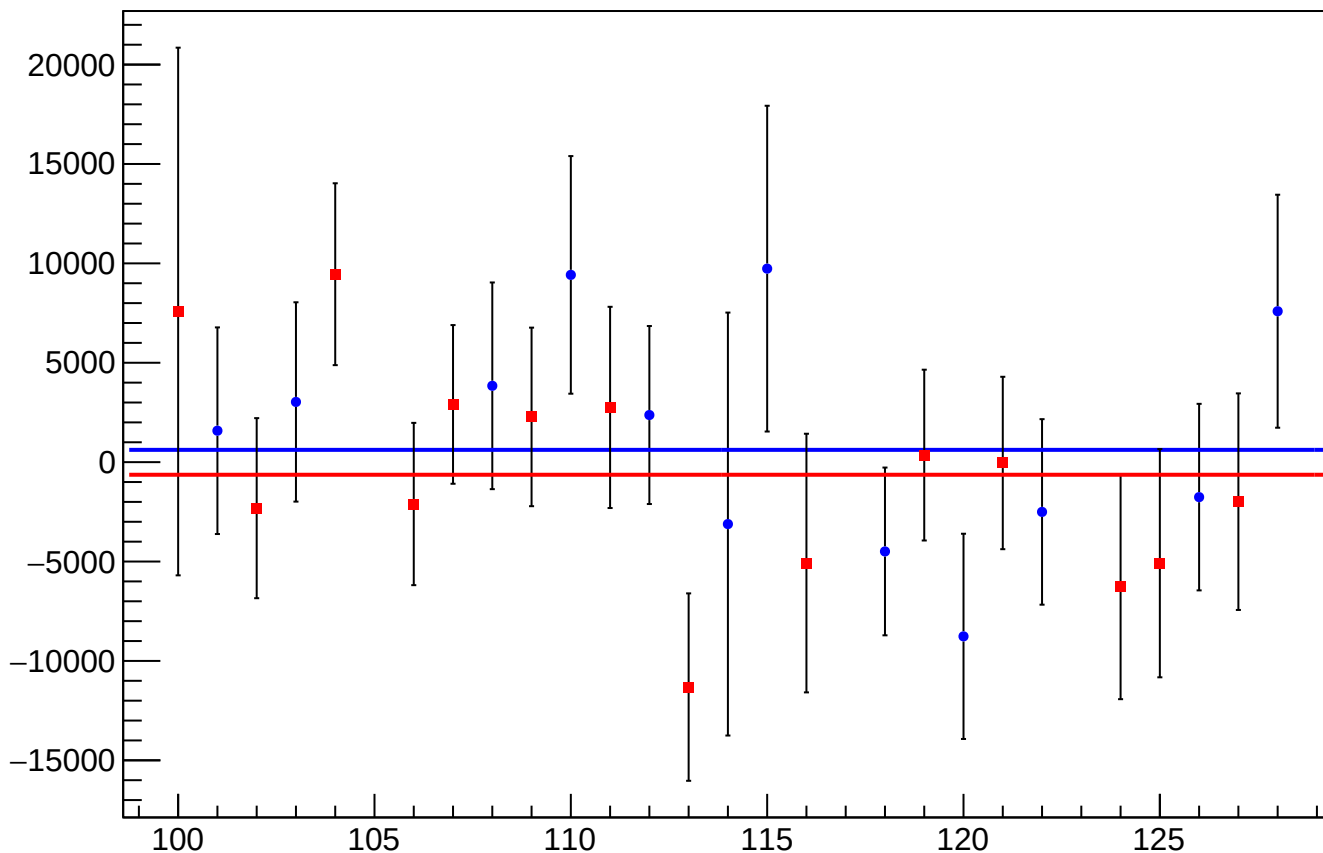
Right Out: 1298.985+/-0.405 χ^2/NDF : 306276.5/13

All: 1294.498+/-0.291 χ^2/NDF : 803140.4/25

- 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: 618.381 $\pm$ 1525.803 χ^2 /NDF: 11.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -634.166 $\pm$ 1307.634 χ^2 /NDF: 14.5/13

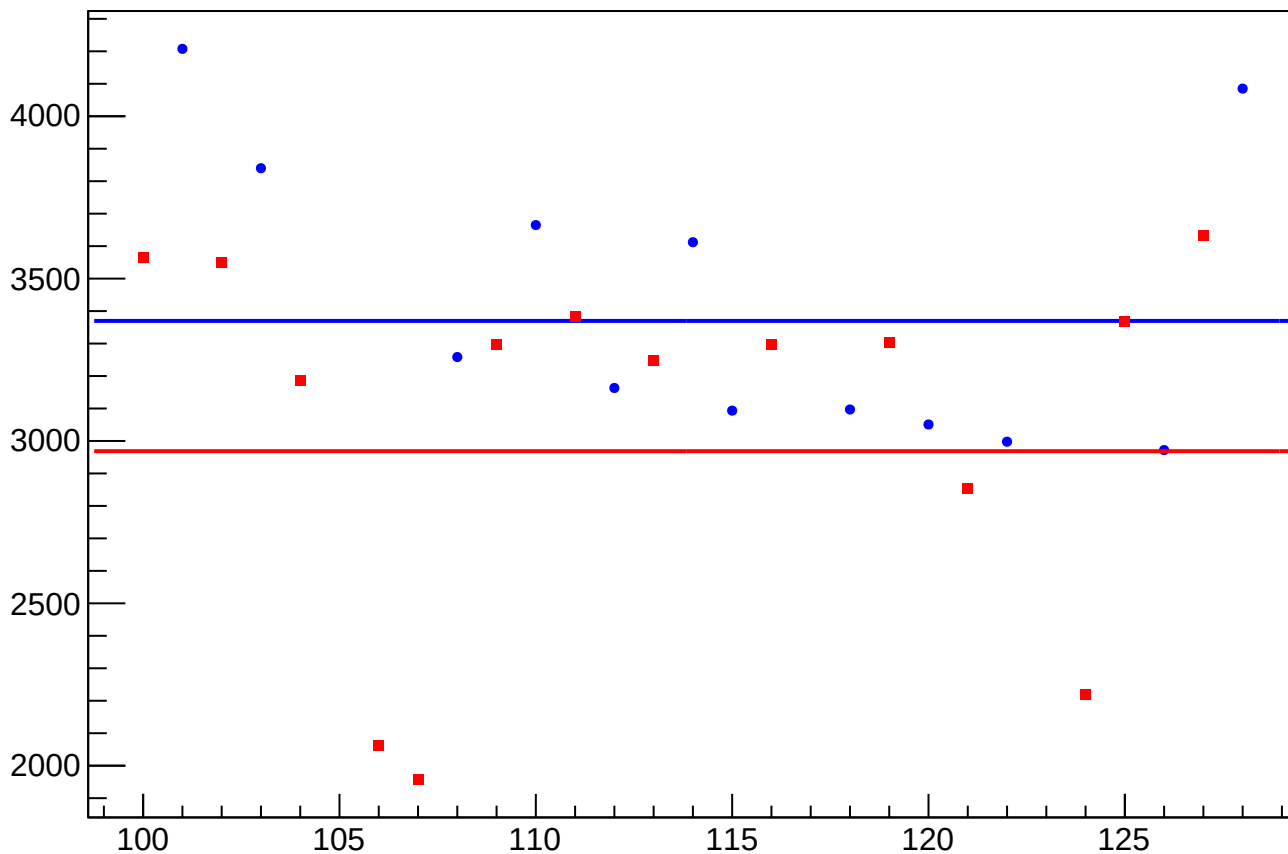
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -103.768 $\pm$ 992.893 χ^2 /NDF: 26.1/25

- 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: 3369.718+/-1.079 χ^2/NDF : 155787.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

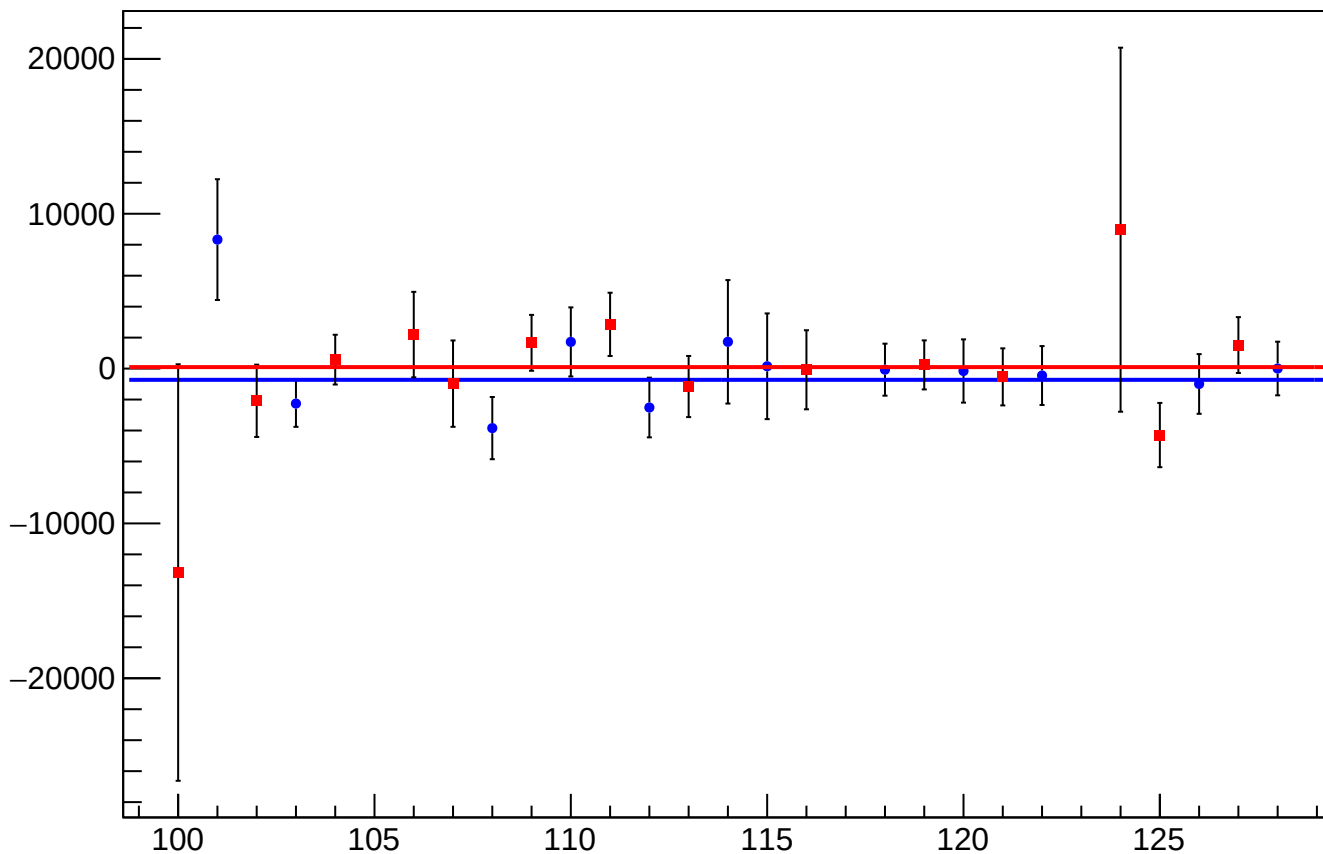
Right Out: 2968.475+/-0.925 χ^2/NDF : 393335.0/13

All: 3138.384+/-0.702 χ^2/NDF : 628864.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -726.046+/-592.517 χ^2/NDF : 11.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.703+/-574.195 χ^2/NDF : 11.4/13

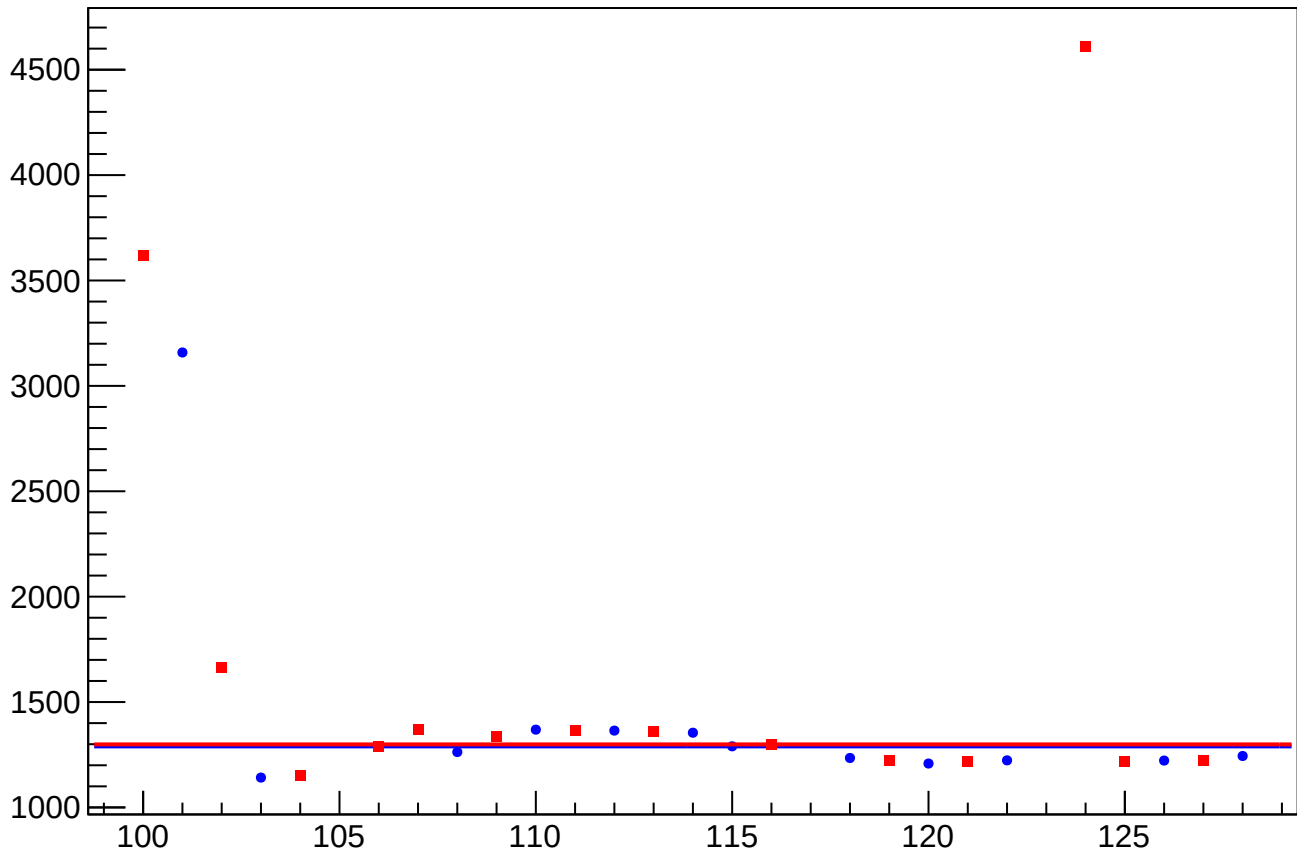
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -302.270+/-412.343 χ^2/NDF : 24.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1289.696 $\pm$ 0.419 χ^2 /NDF: 496609.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

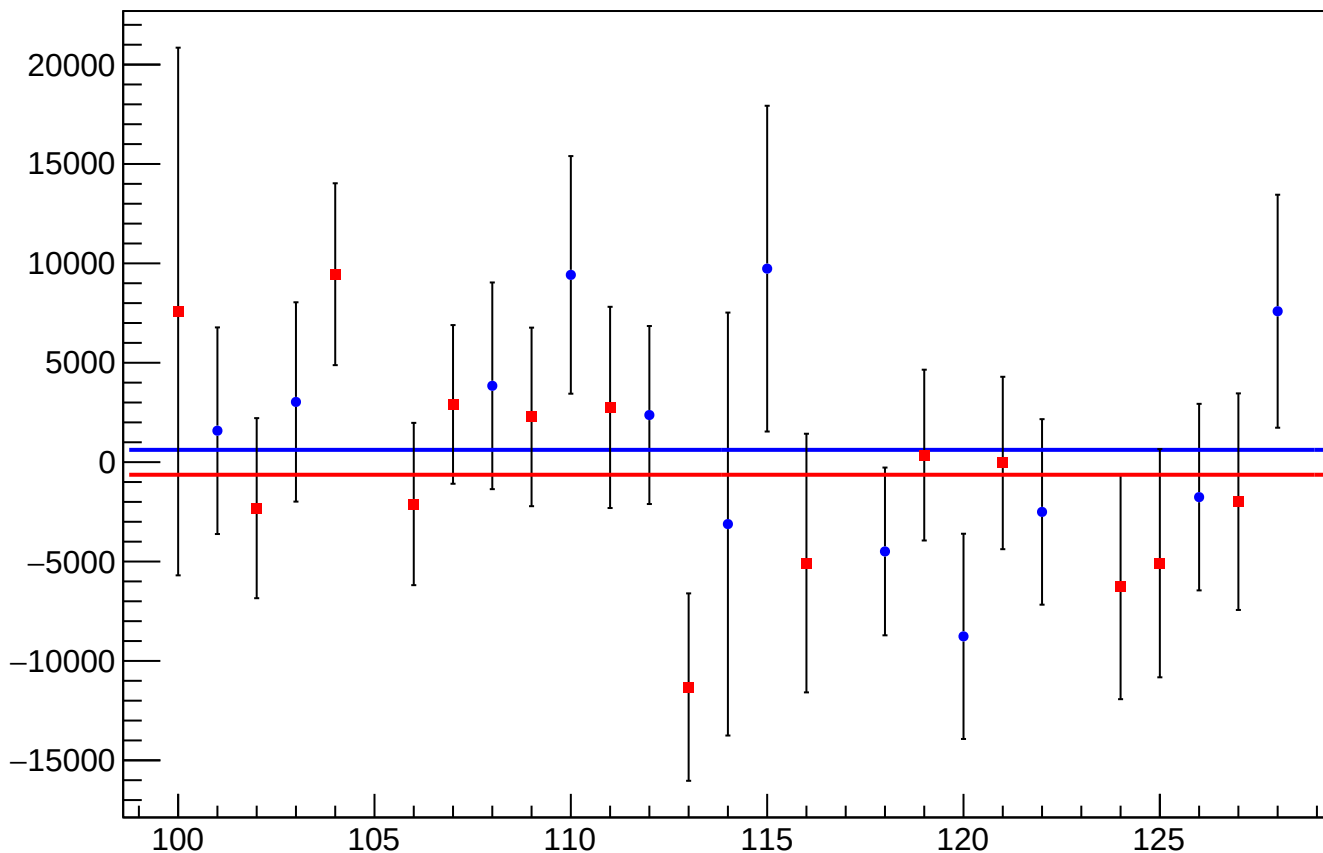
Right Out: 1298.985 $\pm$ 0.405 χ^2 /NDF: 306276.5/13

All: 1294.498 $\pm$ 0.291 χ^2 /NDF: 803140.4/25

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_mean vs Slug



Right In: 618.381 ± 1525.803 χ^2/NDF : 11.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -634.166 ± 1307.634 χ^2/NDF : 14.5/13

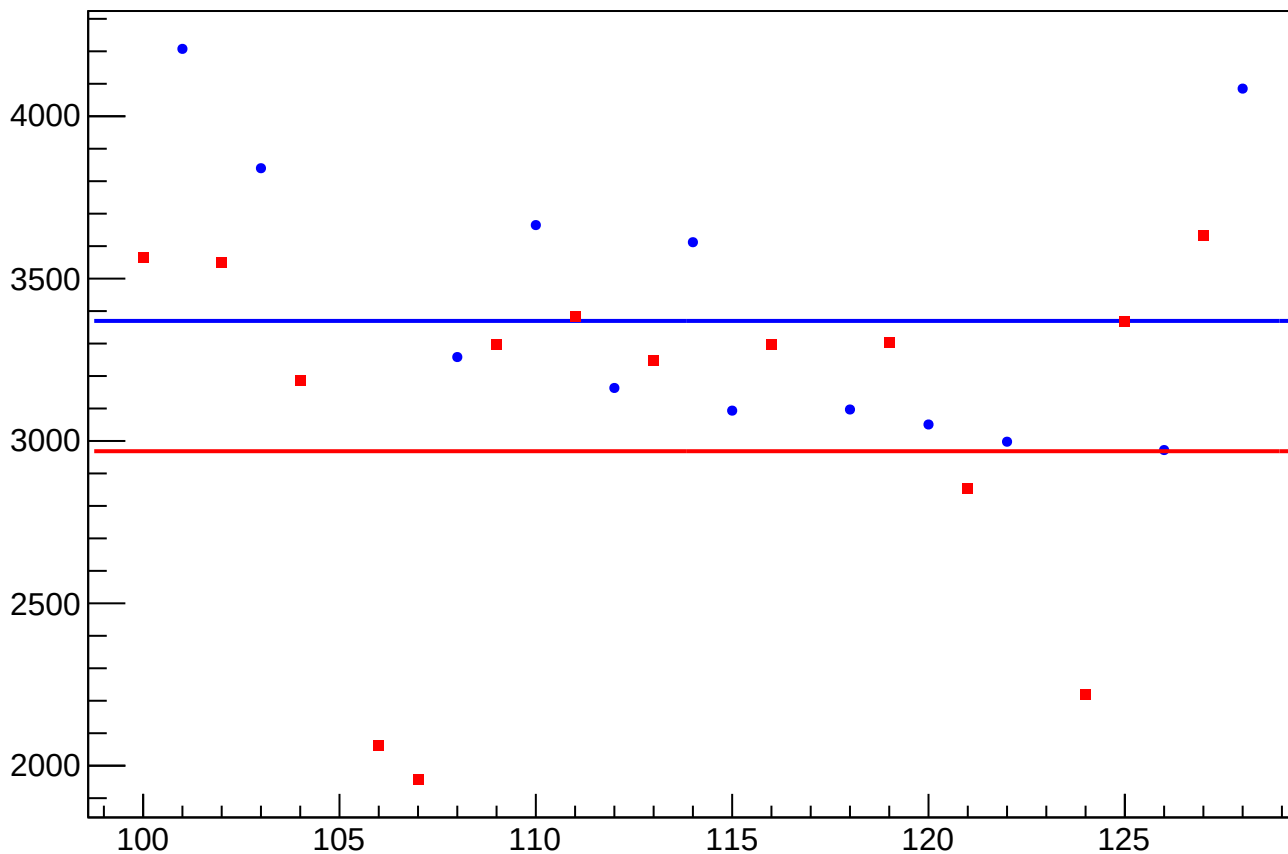
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -103.768 ± 992.893 χ^2/NDF : 26.1/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_rms vs Slug



Right In: 3369.718+/-1.079 χ^2/NDF : 155787.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

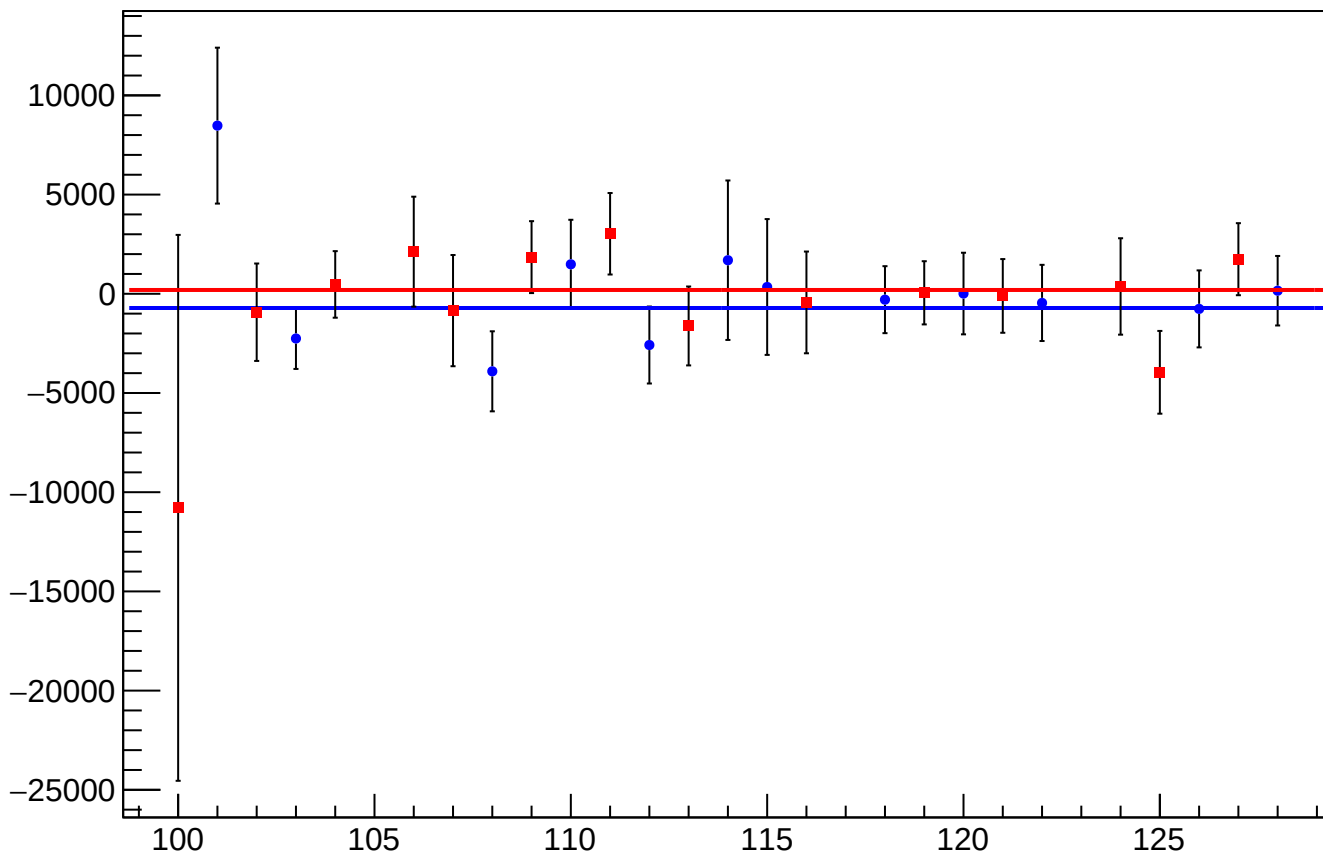
Right Out: 2968.475+/-0.925 χ^2/NDF : 393335.0/13

All: 3138.384+/-0.702 χ^2/NDF : 628864.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -716.054+/-597.908 χ^2/NDF : 11.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 192.145+/-566.342 χ^2/NDF : 9.9/13

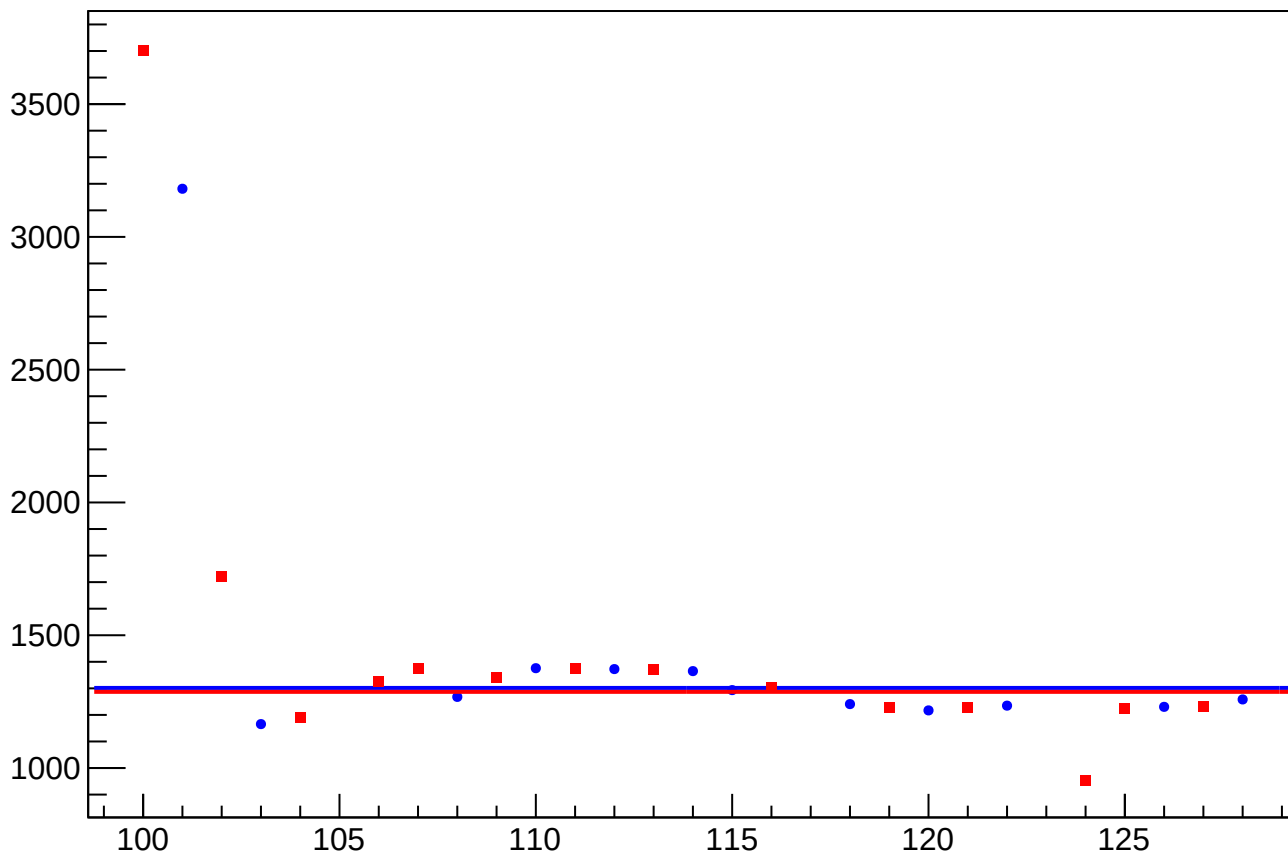
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -237.349+/-411.171 χ^2/NDF : 22.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1301.611+/-0.423 χ^2/NDF : 491730.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

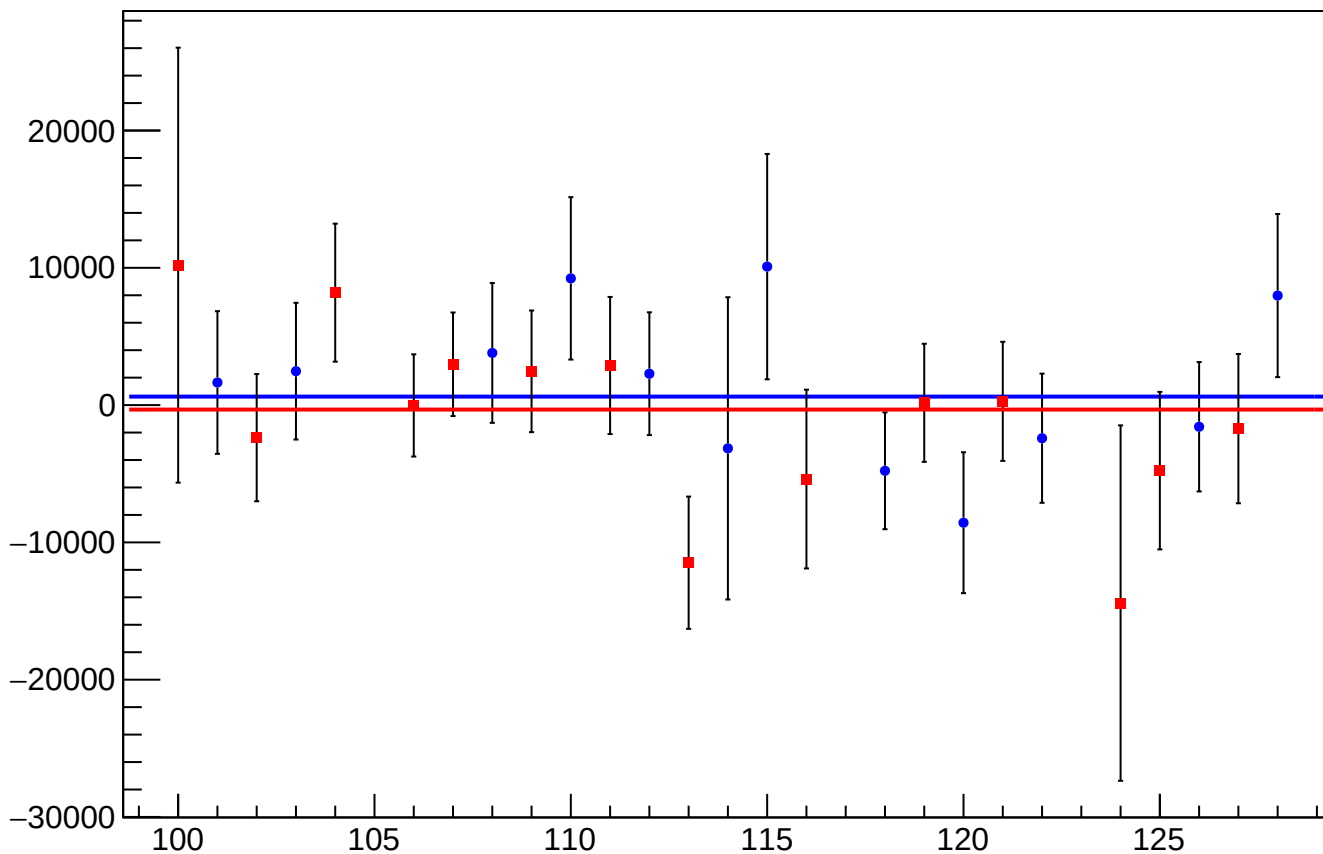
Right Out: 1286.883+/-0.400 χ^2/NDF : 188442.4/13

All: 1293.841+/-0.291 χ^2/NDF : 680812.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_mean vs Slug



Right In: 618.582 ± 1526.108 χ^2/NDF : 11.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -325.100 ± 1327.200 χ^2/NDF : 12.9/13

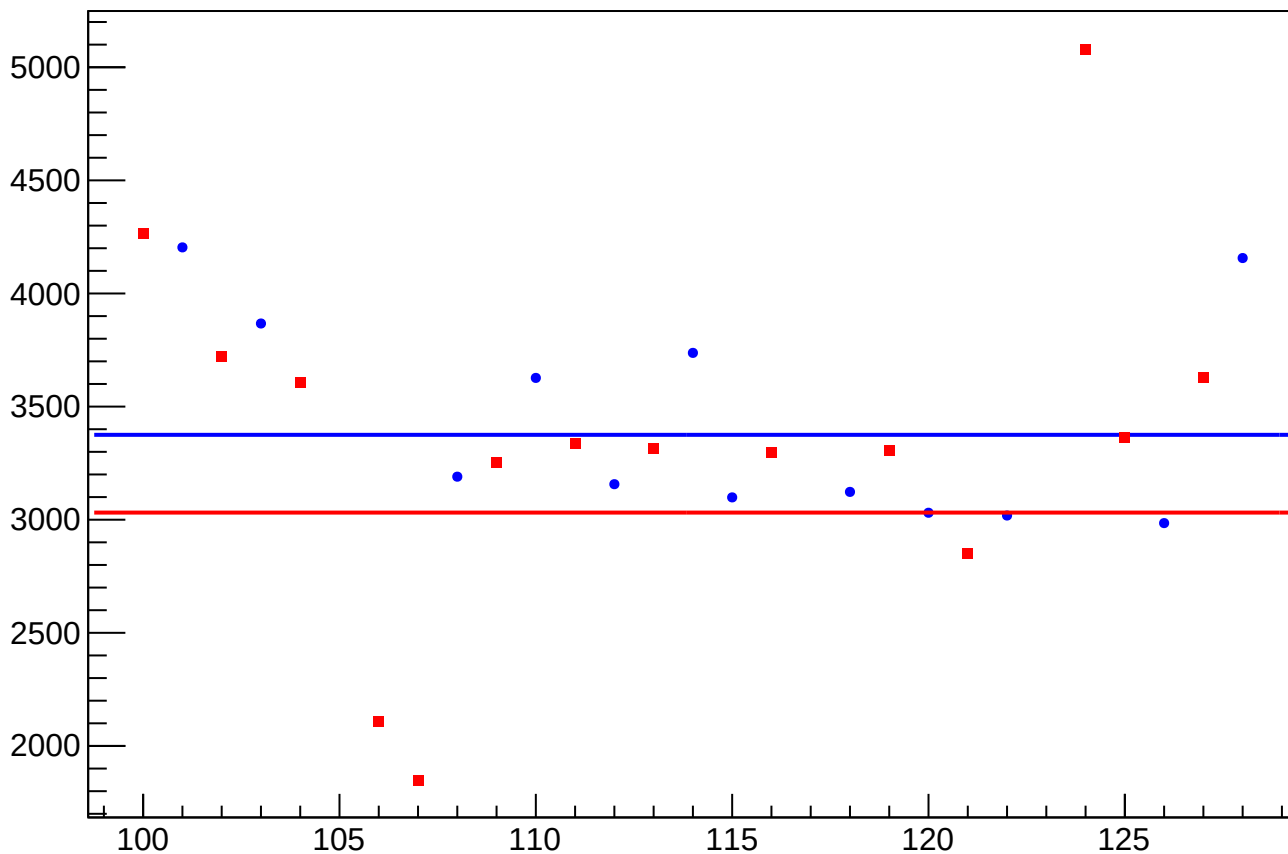
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 81.274 ± 1001.464 χ^2/NDF : 24.4/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_rms vs Slug



Right In: 3375.180+/-1.079 χ^2/NDF : 161671.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

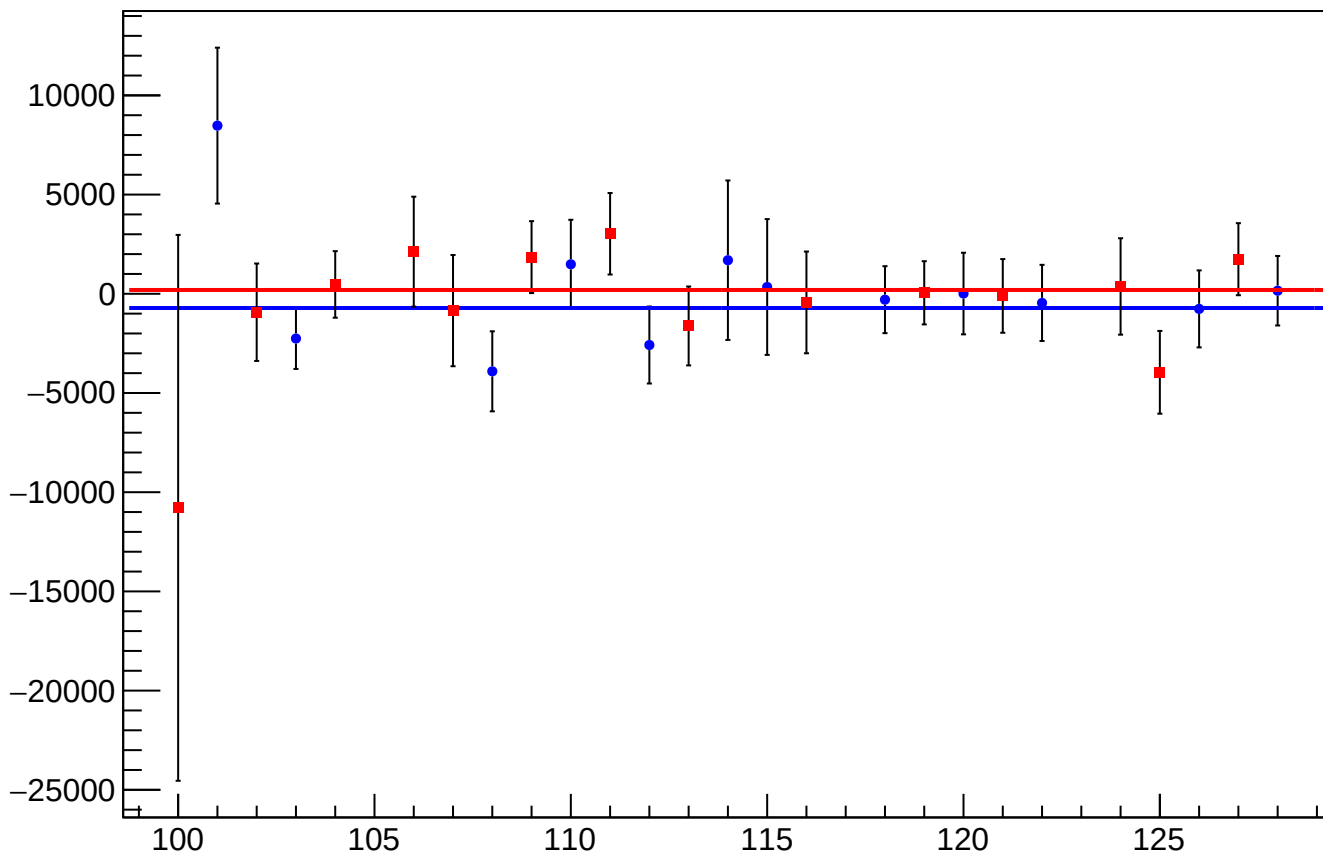
Right Out: 3031.500+/-0.938 χ^2/NDF : 517789.1/13

All: 3179.497+/-0.708 χ^2/NDF : 737213.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -716.060 $\pm$ 597.908 χ^2/NDF : 11.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 192.152 $\pm$ 566.342 χ^2/NDF : 9.9/13

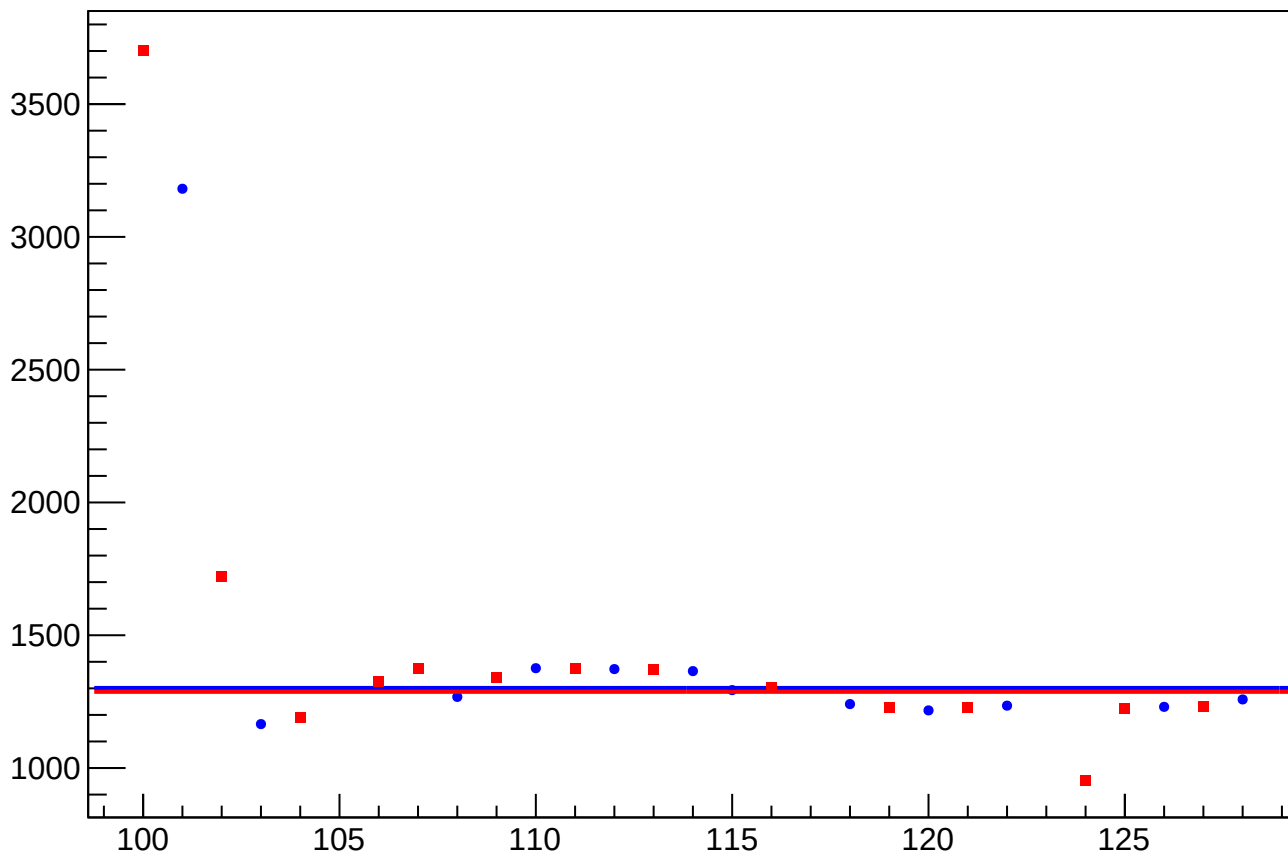
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -237.348 $\pm$ 411.171 χ^2/NDF : 22.8/25

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1301.611+/-0.423 χ^2/NDF : 491730.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1286.883+/-0.400 χ^2/NDF : 188442.4/13

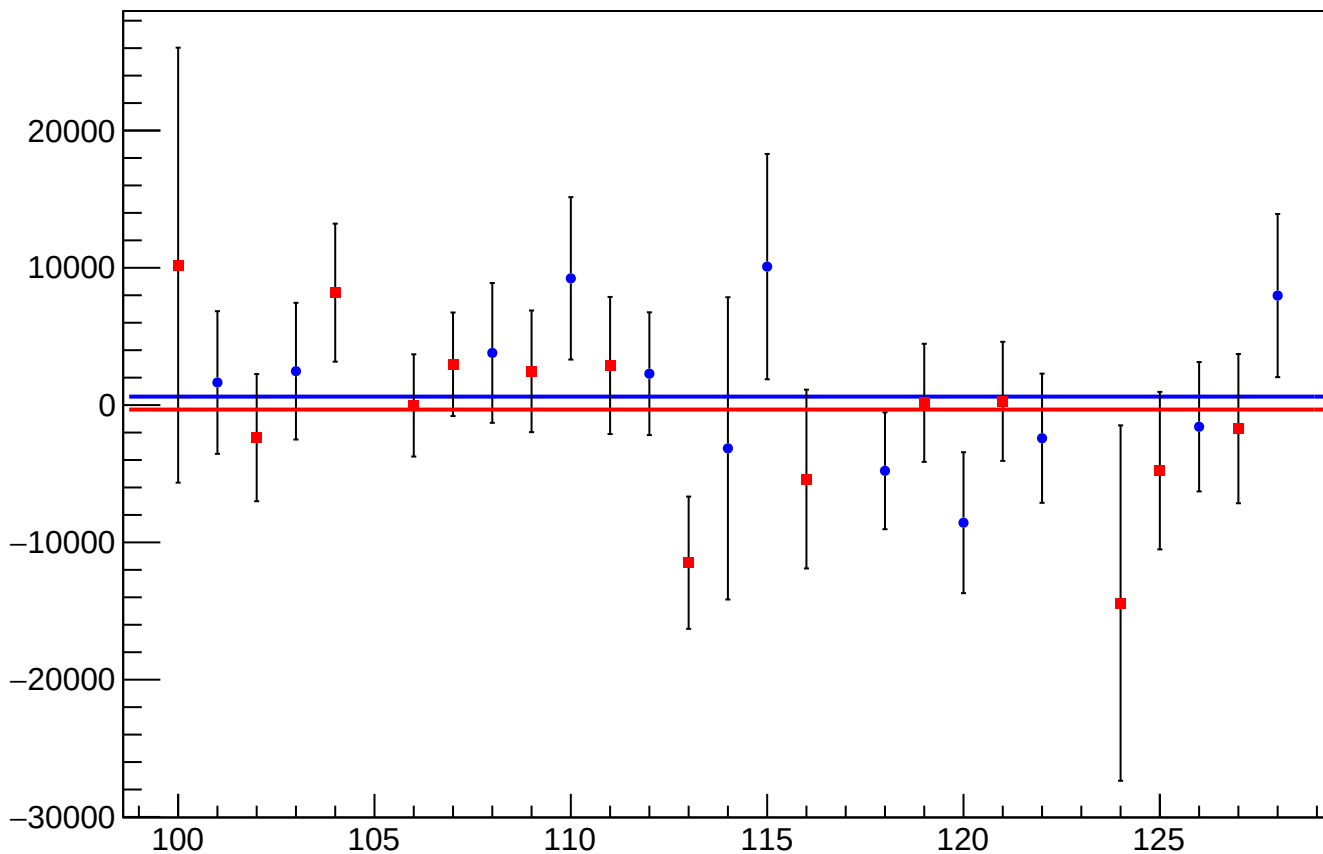
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.840+/-0.291 χ^2/NDF : 680813.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_mean vs Slug



Right In: 618.574 ± 1526.103 χ^2/NDF : 11.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -325.094 ± 1327.197 χ^2/NDF : 12.9/13

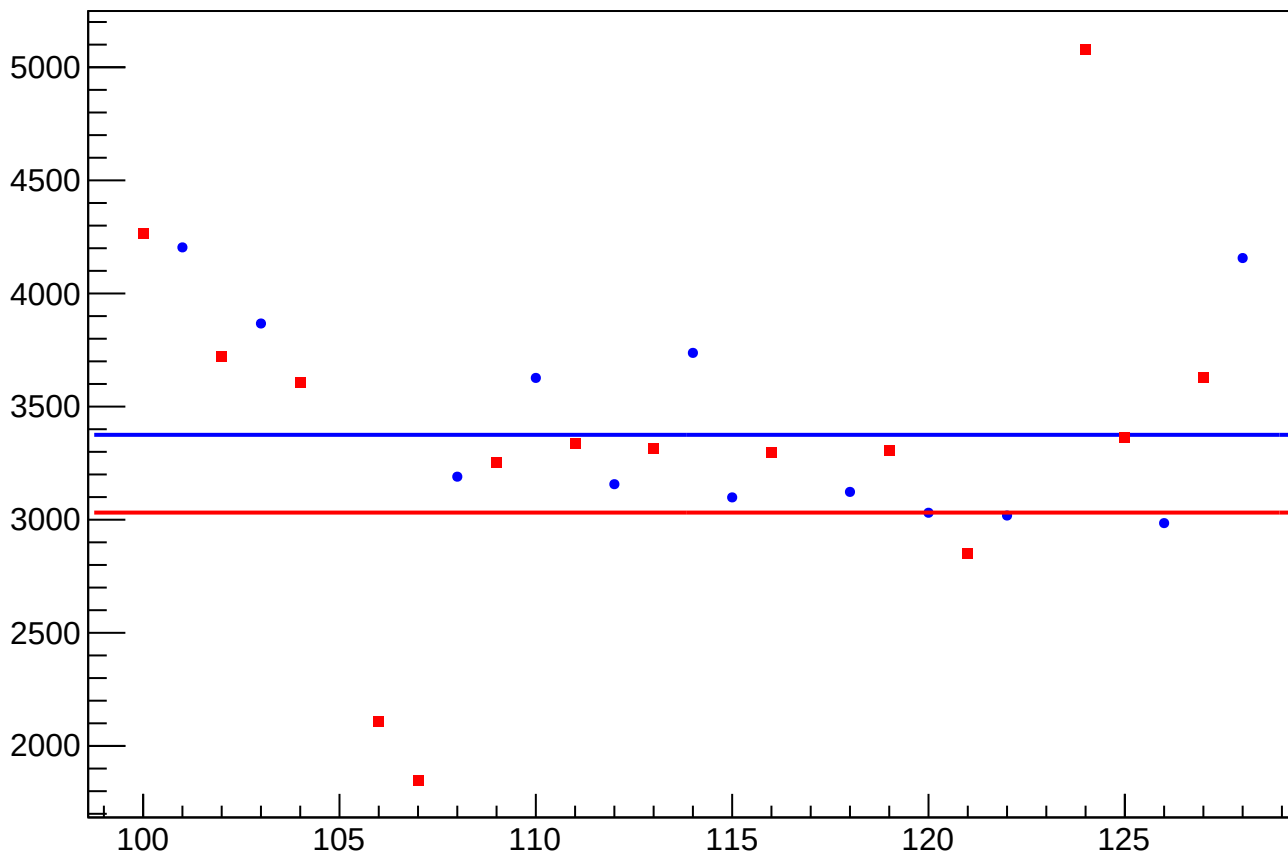
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 81.274 ± 1001.461 χ^2/NDF : 24.4/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_rms vs Slug



Right In: 3375.169+/-1.079 χ^2/NDF : 161674.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3031.492+/-0.938 χ^2/NDF : 517790.7/13

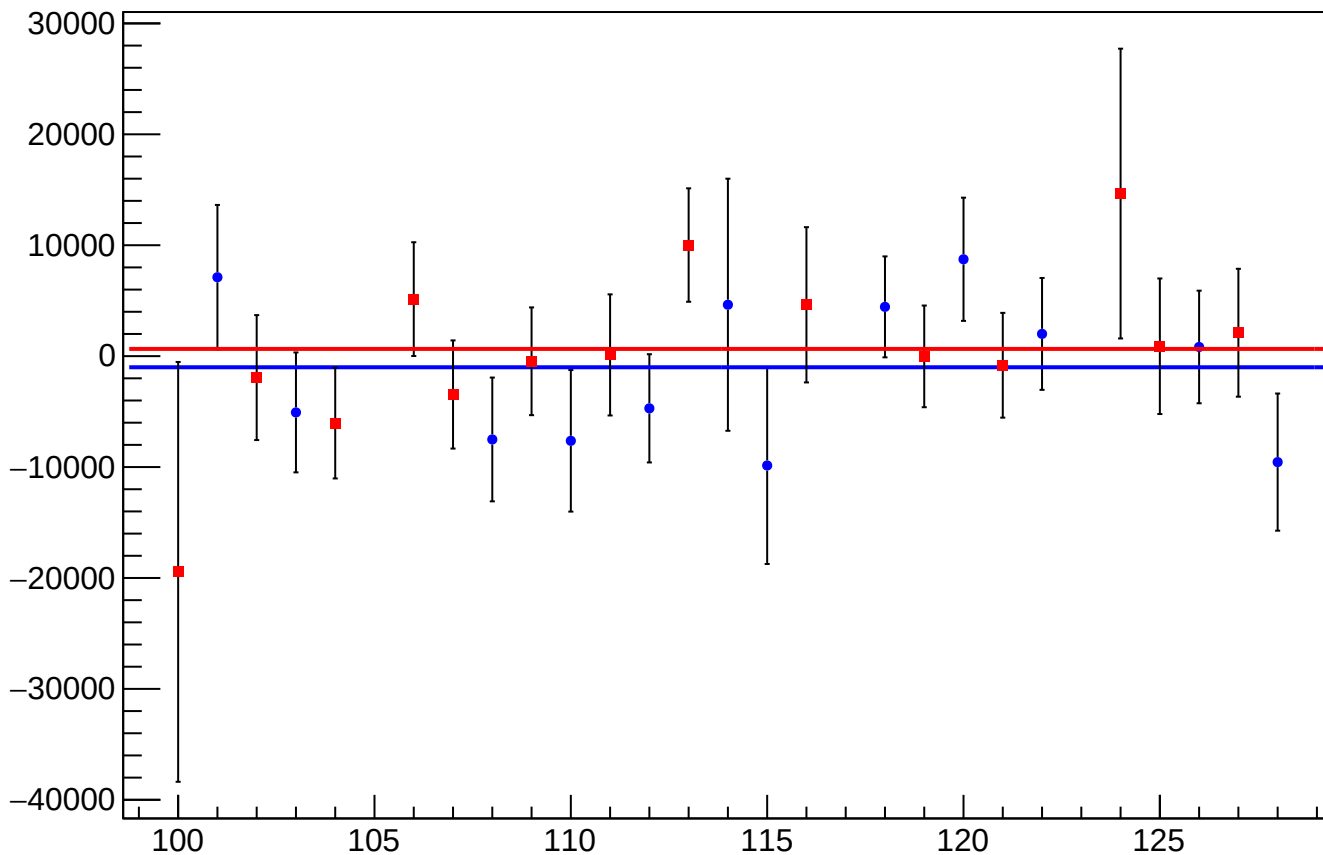
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3179.488+/-0.708 χ^2/NDF : 737216.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -1002.920+/-1662.422 χ^2/NDF : 13.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 651.498+/-1500.419 χ^2/NDF : 9.7/13

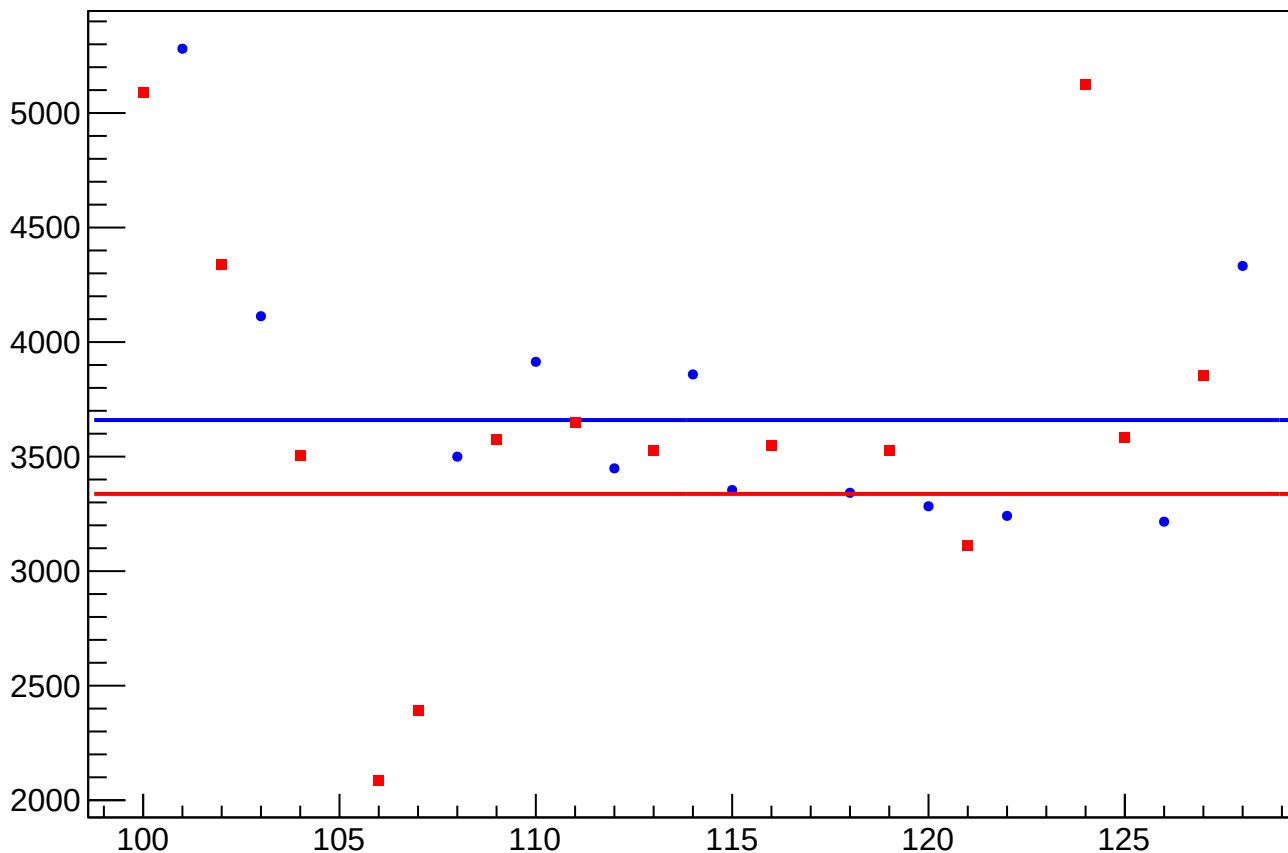
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -91.192+/-1113.839 χ^2/NDF : 23.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 3659.613+/-1.175 χ^2/NDF : 220965.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3337.186+/-1.043 χ^2/NDF : 405396.0/13

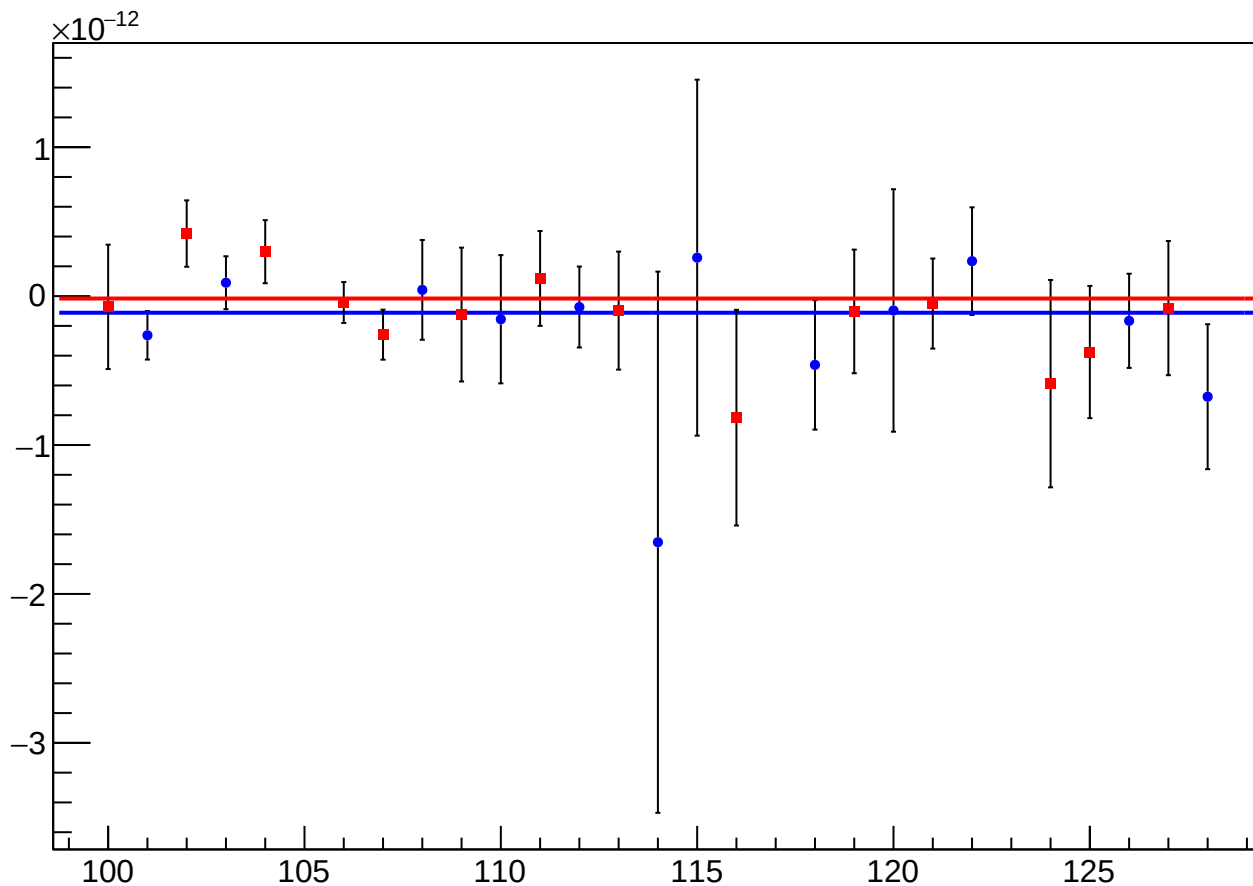
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3479.183+/-0.780 χ^2/NDF : 668462.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_mean vs Slug

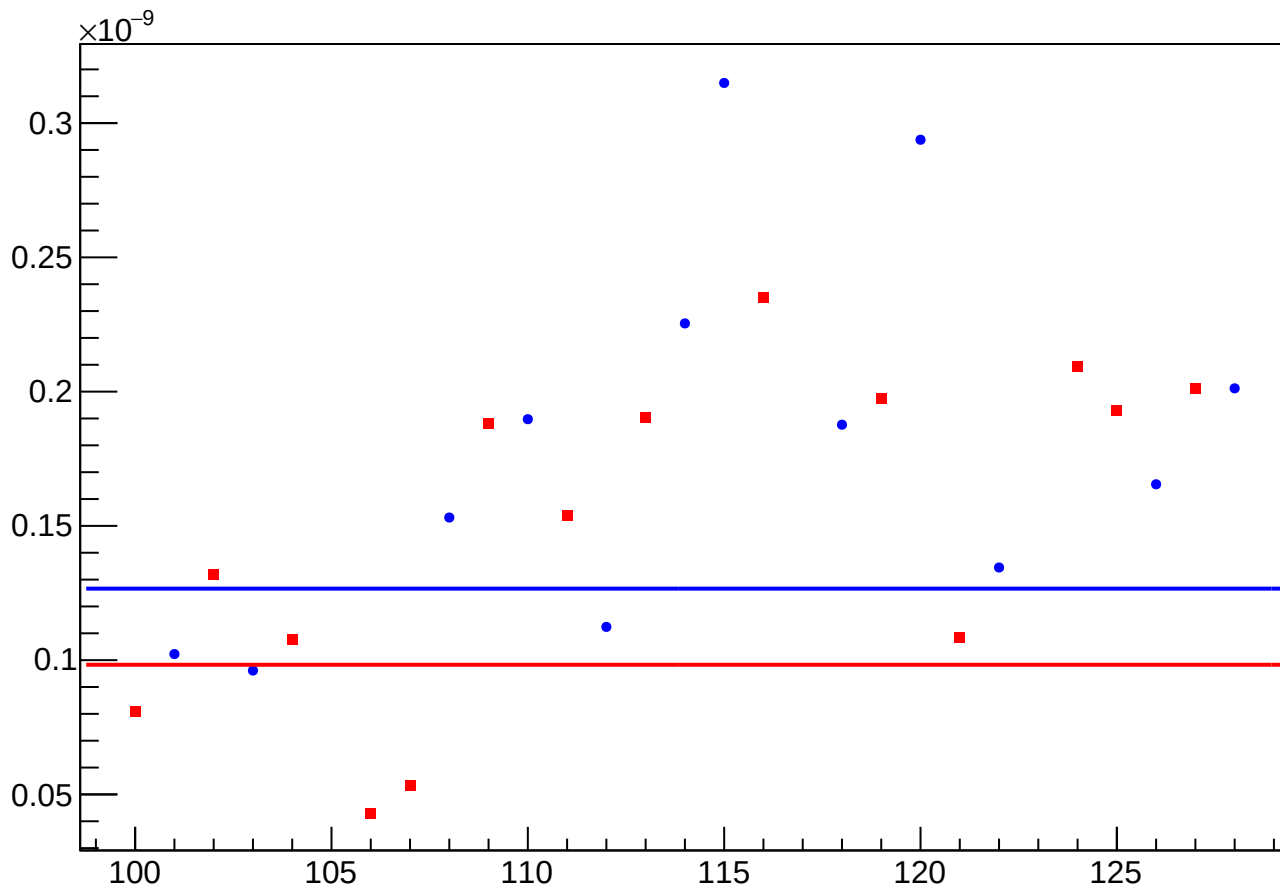


+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 17.9/25

- sign 0.000 $\pm$ 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+/-0.000 χ^2/NDF : 422104.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1204193.5/13

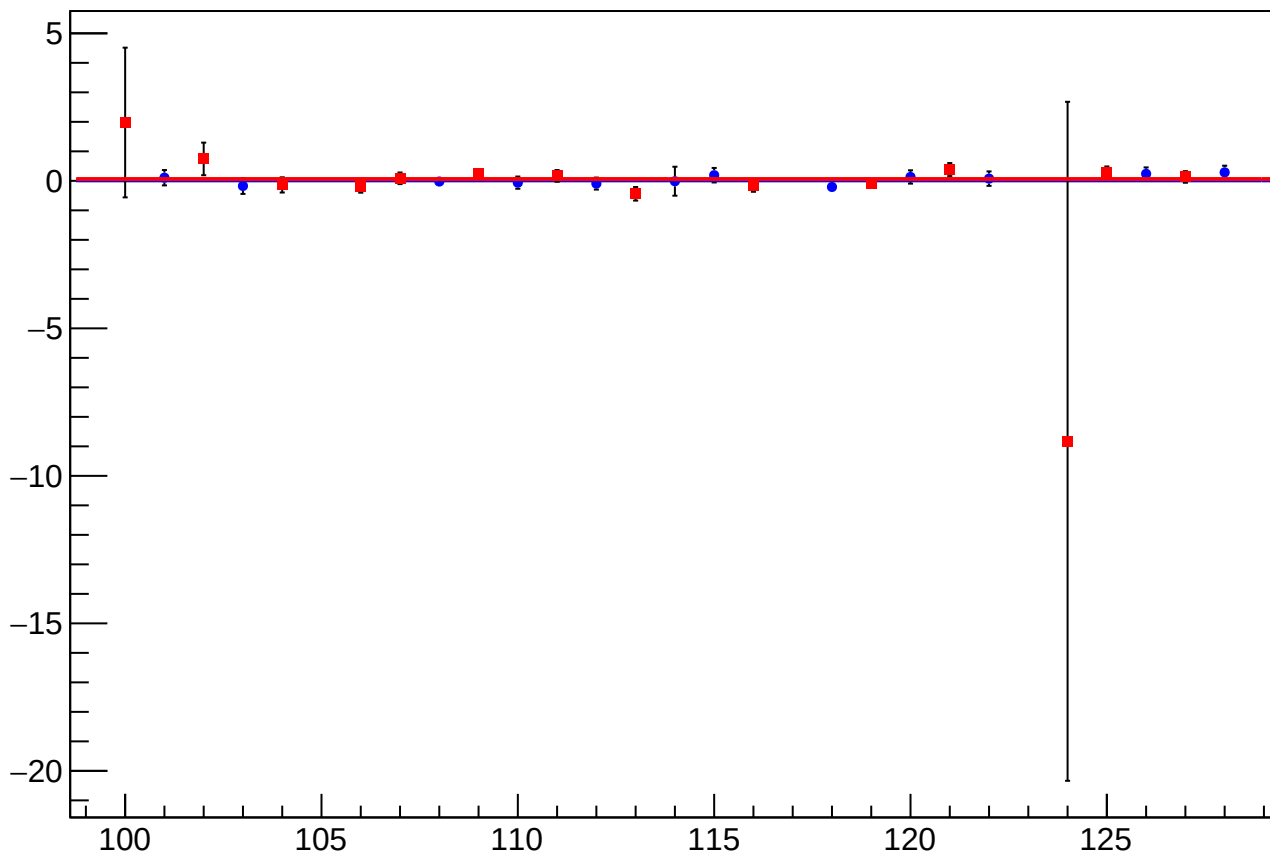
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1748262.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.018 $\pm$ 0.063 χ^2 /NDF: 6.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.061 $\pm$ 0.059 χ^2 /NDF: 17.0/13

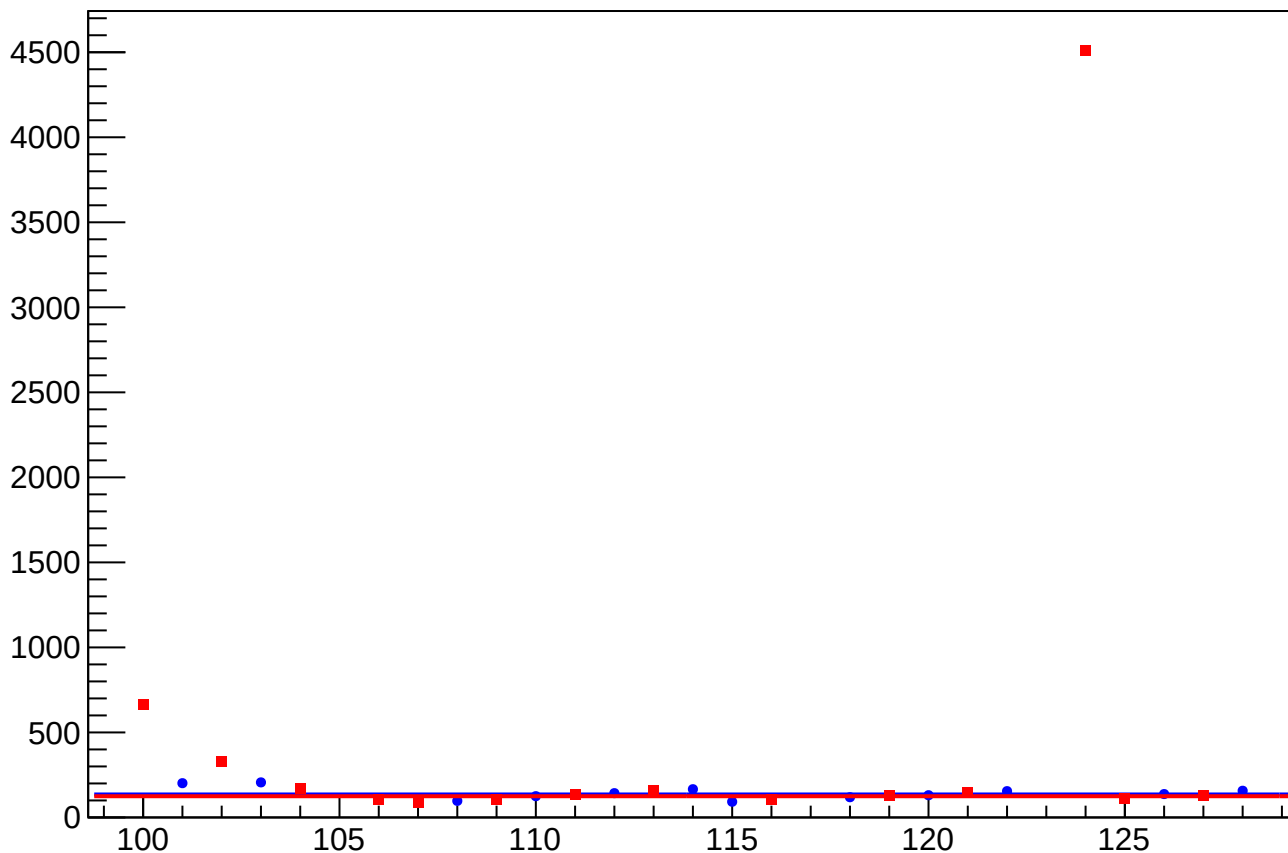
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.041 $\pm$ 0.043 χ^2 /NDF: 23.6/25

- 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: 135.116 $\pm$ 0.045 χ^2 /NDF: 507194.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 124.806 $\pm$ 0.042 χ^2 /NDF: 908299.6/13

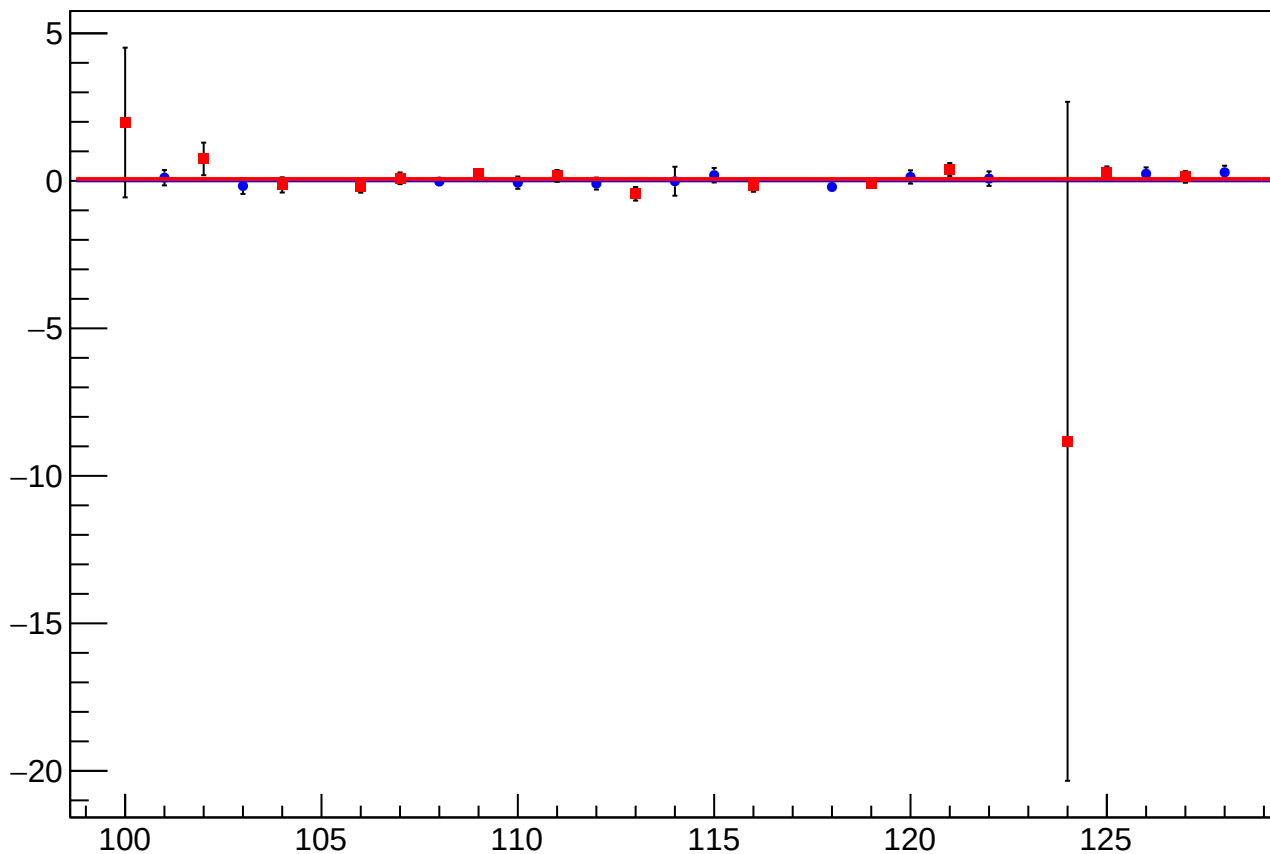
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 129.606 $\pm$ 0.031 χ^2 /NDF: 1443913.5/25

- 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: 0.018+/-0.063 χ^2/NDF : 6.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.061+/-0.059 χ^2/NDF : 17.0/13

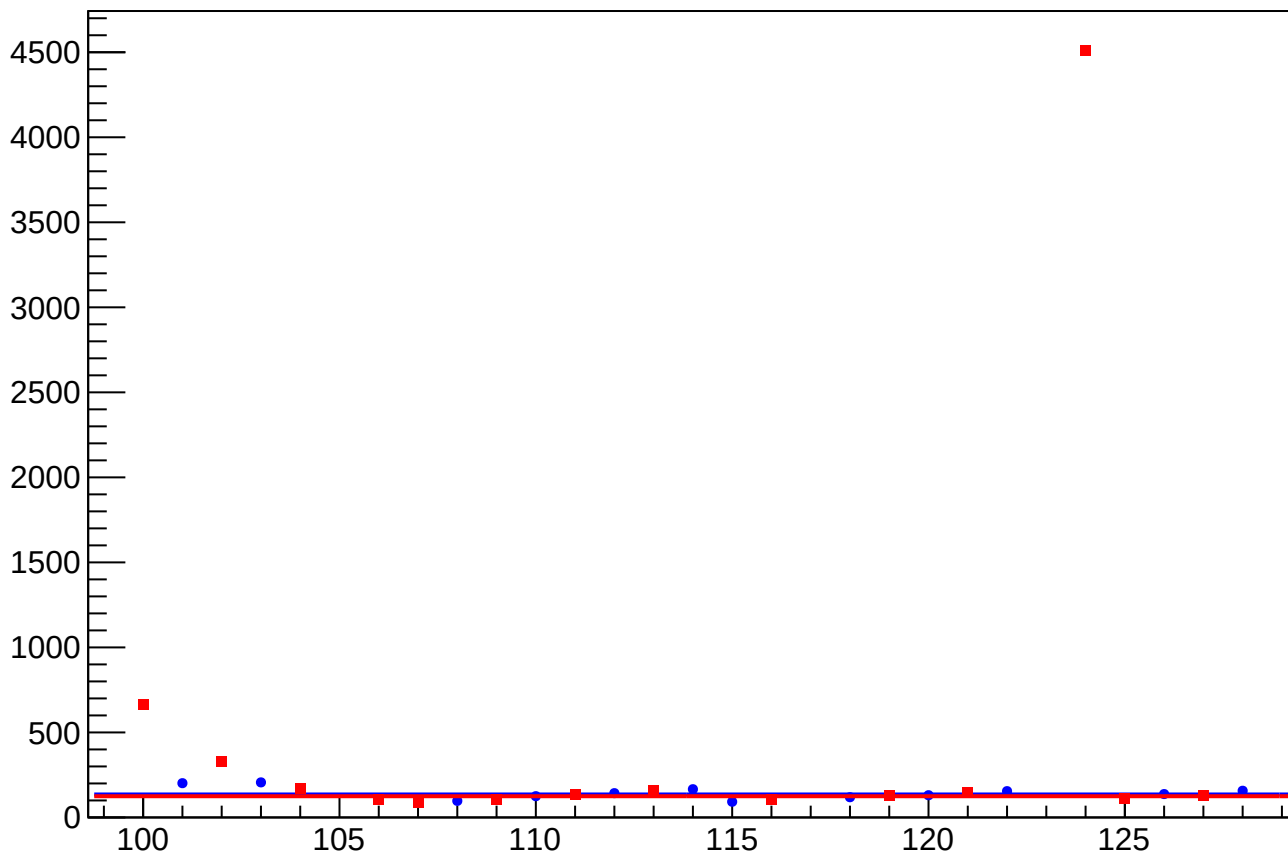
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.041+/-0.043 χ^2/NDF : 23.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 135.116+/-0.045 χ^2/NDF : 507194.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.806+/-0.042 χ^2/NDF : 908299.6/13

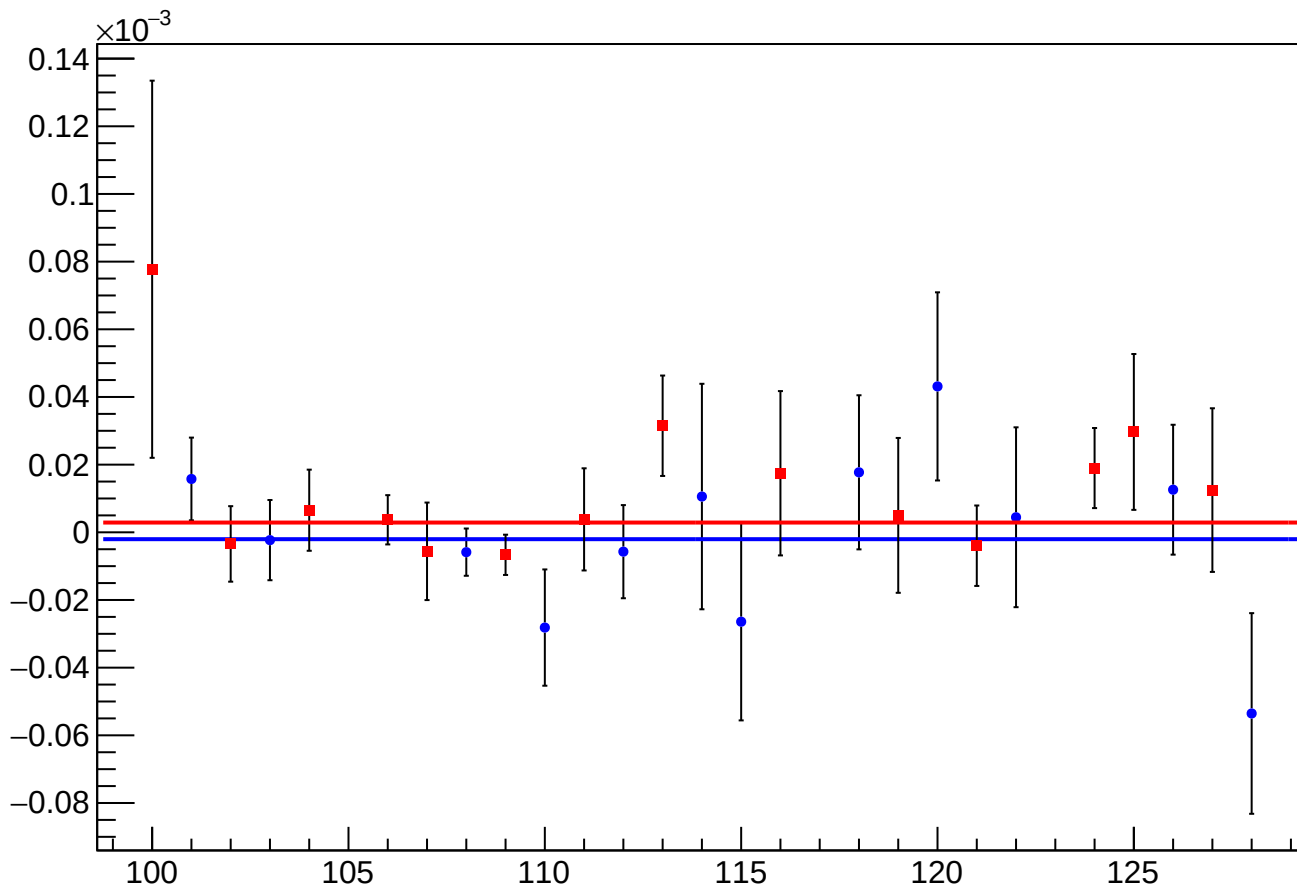
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.606+/-0.031 χ^2/NDF : 1443913.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 12.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.9/13

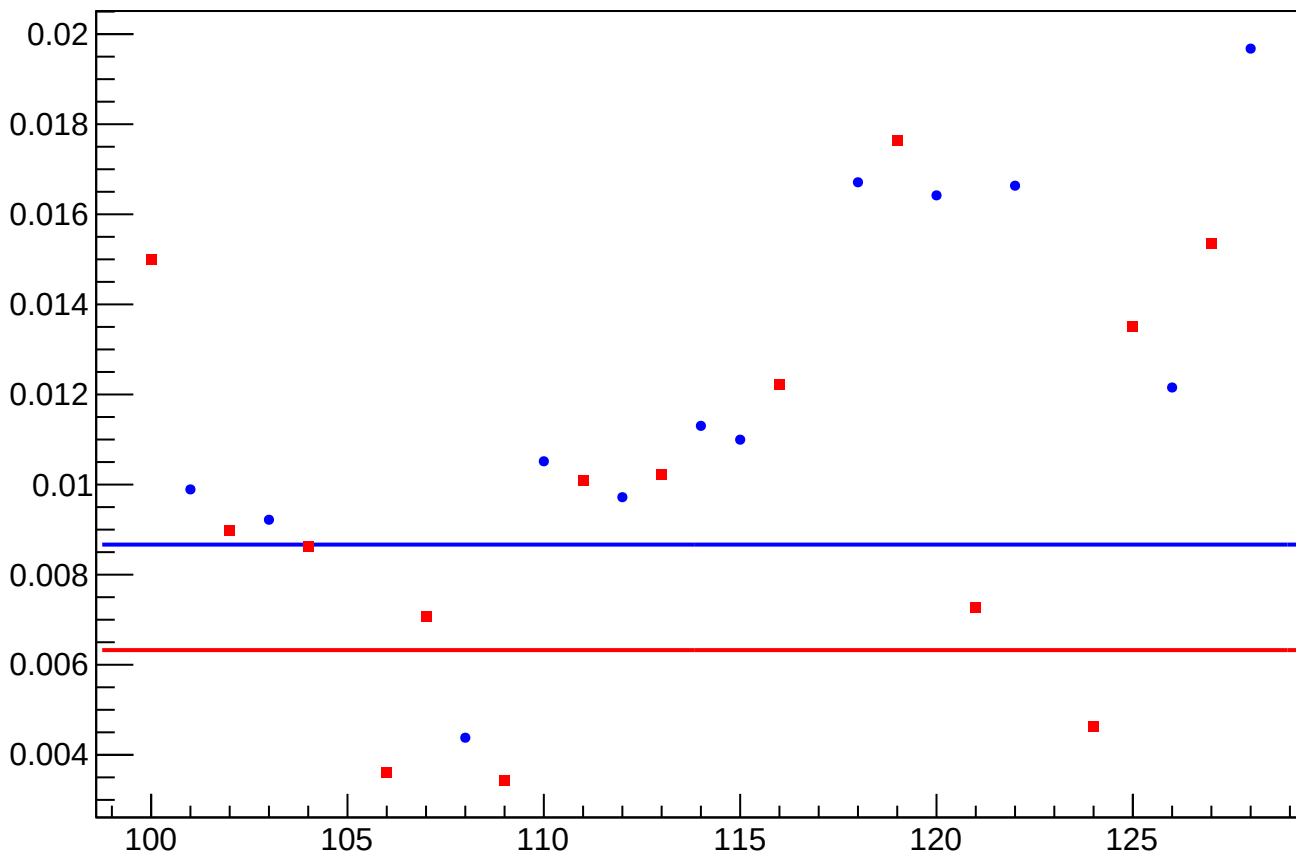
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.009+/-0.000 χ^2/NDF : 1764471.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 2386410.9/13

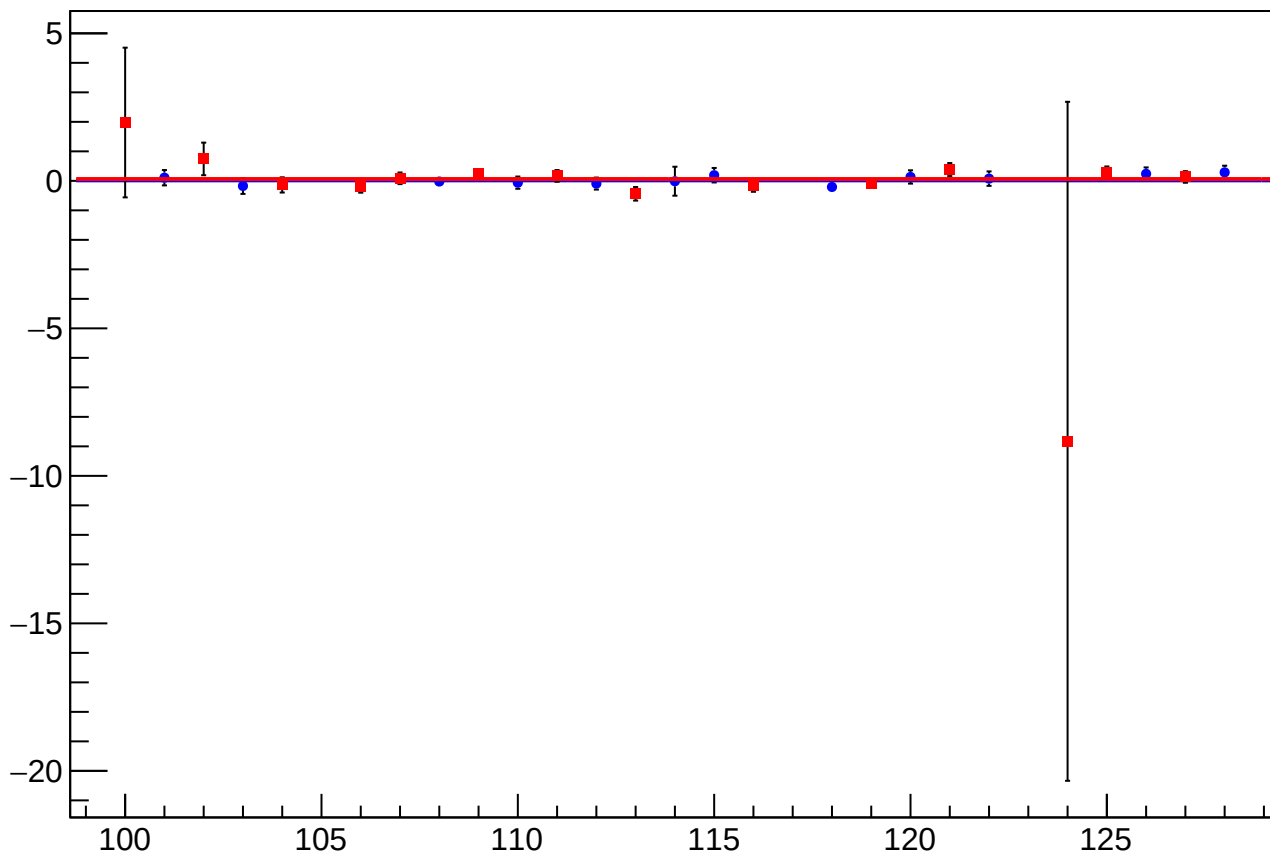
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 4530185.9/25

- 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: 0.018+/-0.063 χ^2/NDF : 6.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.061+/-0.059 χ^2/NDF : 17.0/13

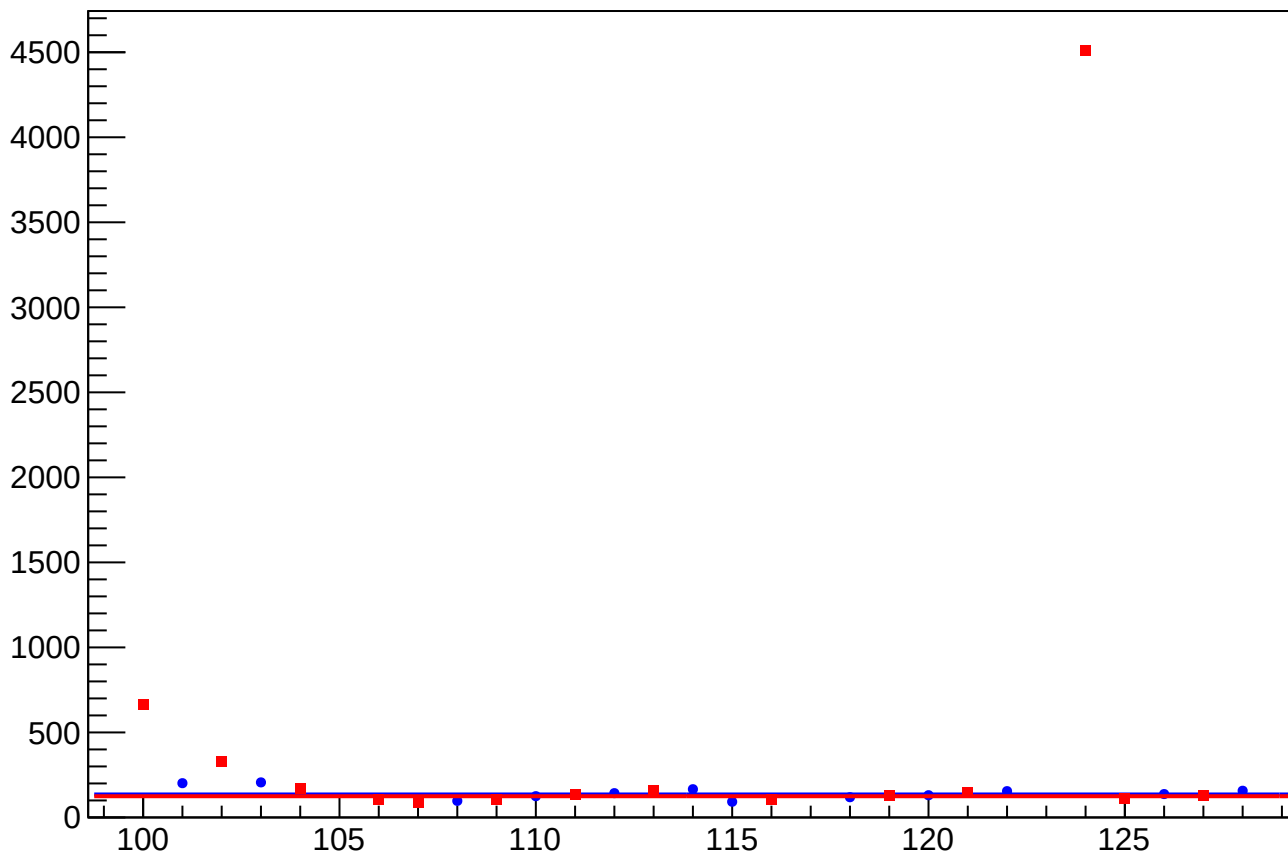
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.041+/-0.043 χ^2/NDF : 23.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 135.117 $\pm$ 0.045 χ^2 /NDF: 507157.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 124.808 $\pm$ 0.042 χ^2 /NDF: 908250.5/13

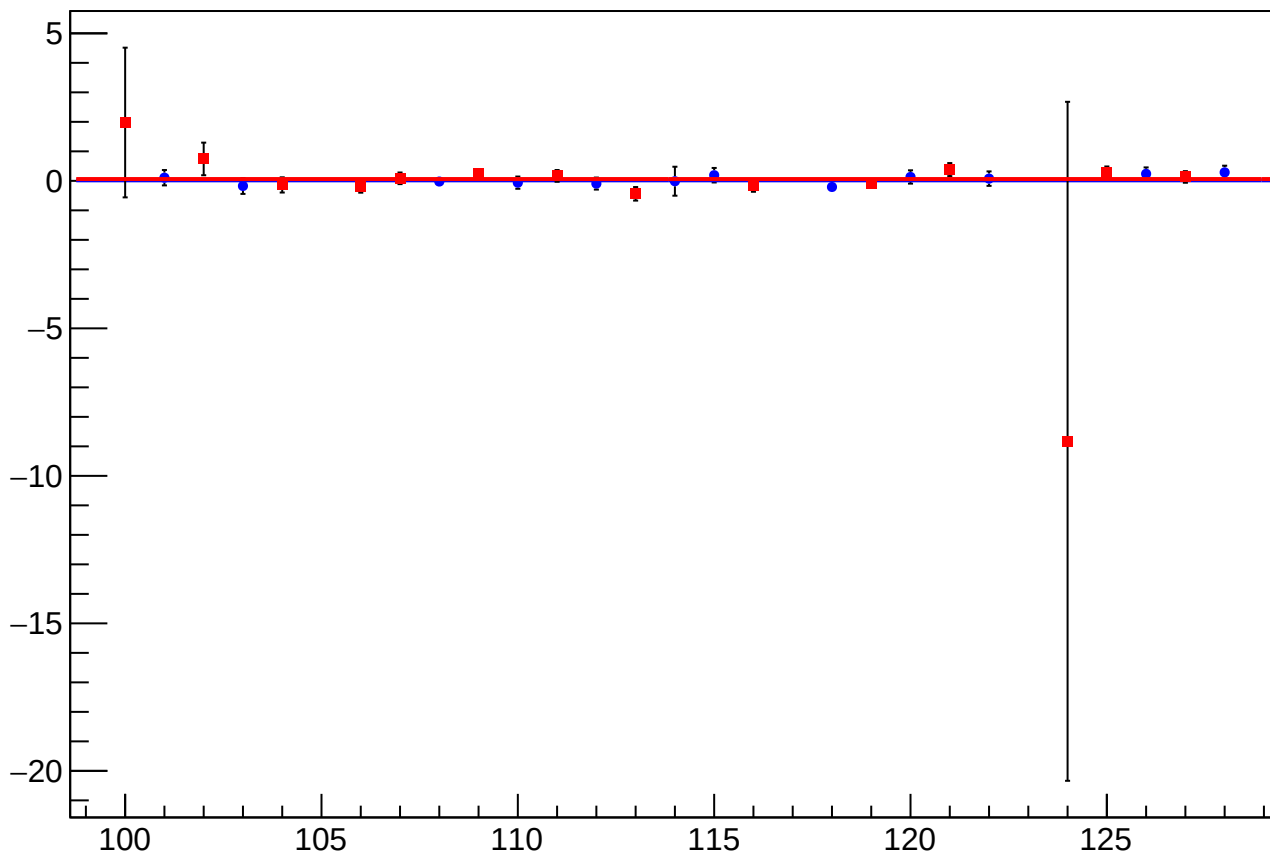
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 129.608 $\pm$ 0.031 χ^2 /NDF: 1443817.6/25

- sign 0.000 $\pm$ 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: 0.018+/-0.063 χ^2/NDF : 6.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.061+/-0.059 χ^2/NDF : 17.0/13

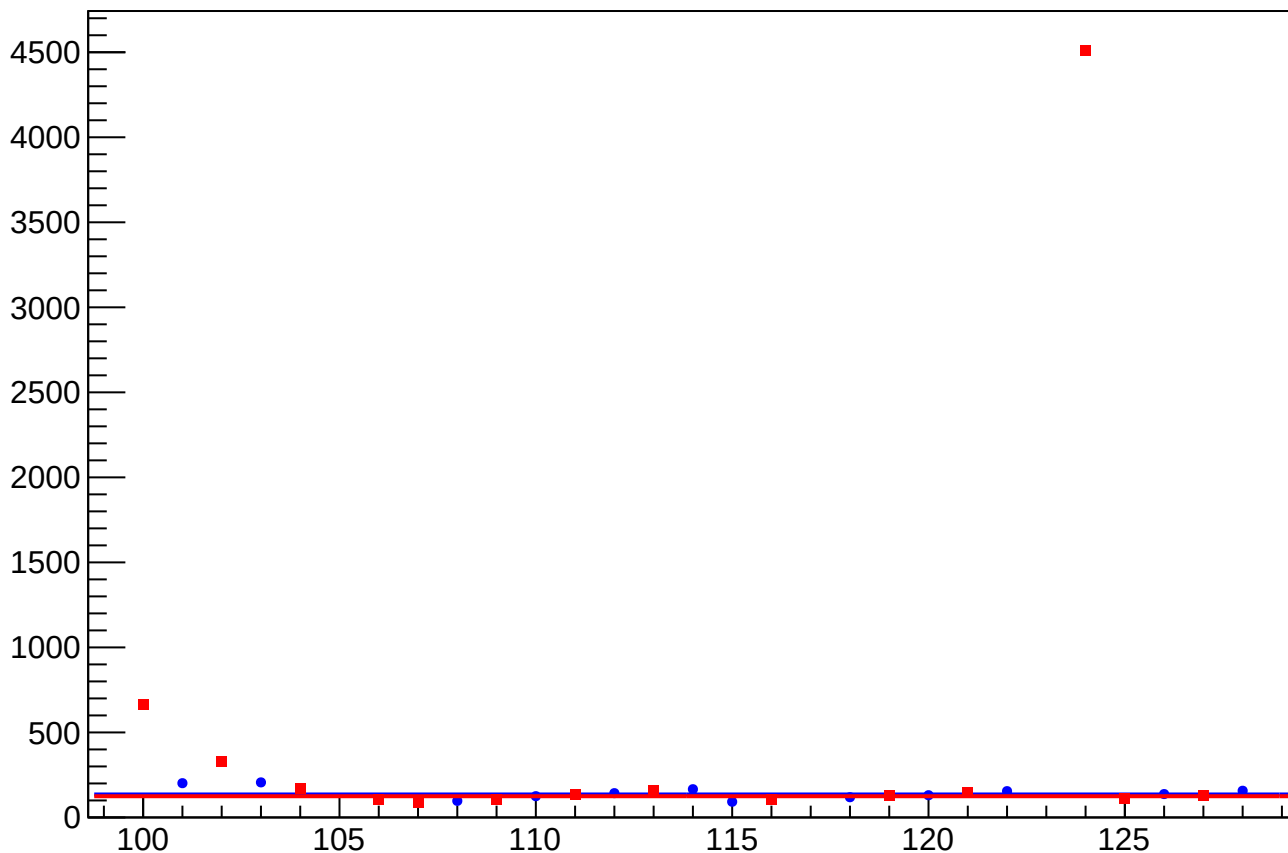
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.041+/-0.043 χ^2/NDF : 23.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 135.117 $\pm$ 0.045 χ^2 /NDF: 507157.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 124.808 $\pm$ 0.042 χ^2 /NDF: 908250.5/13

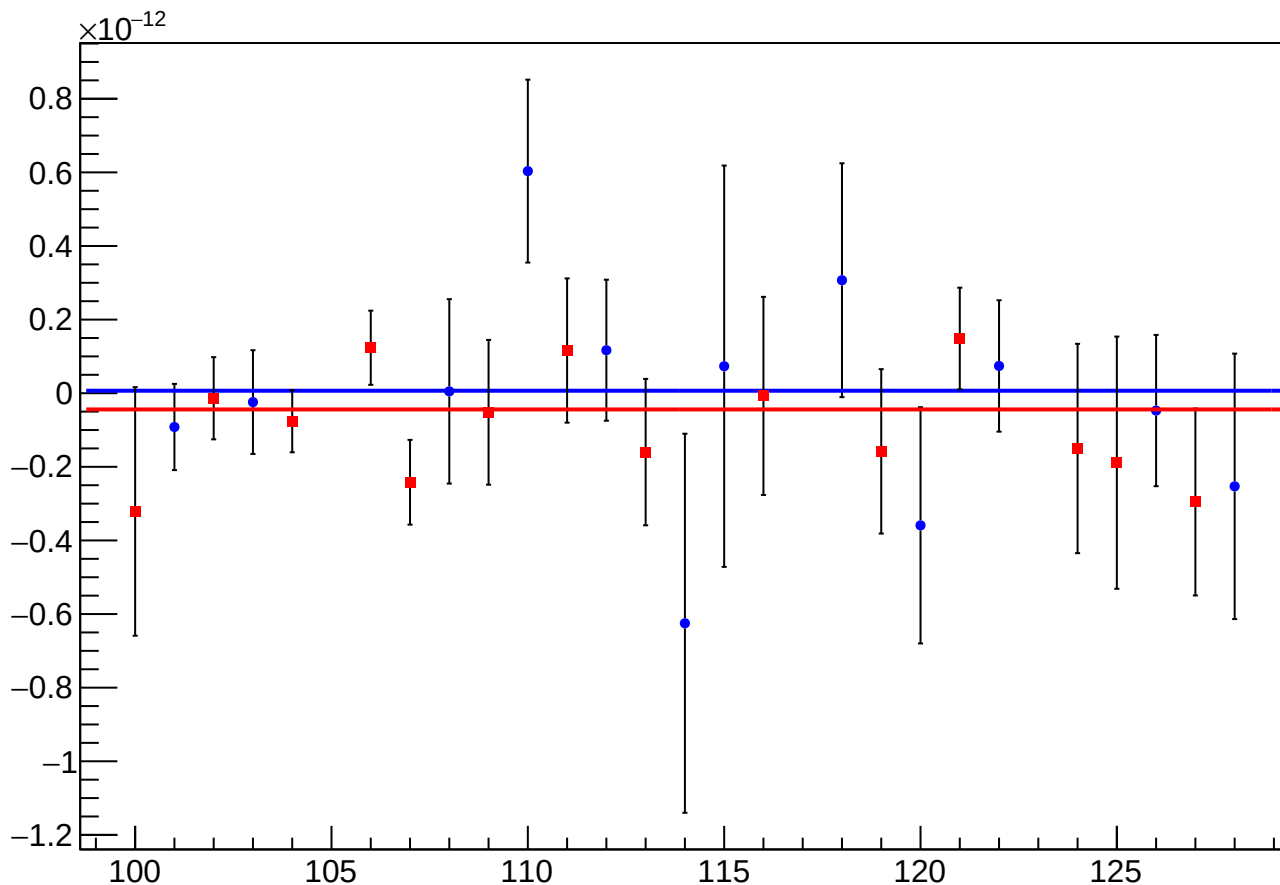
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 129.608 $\pm$ 0.031 χ^2 /NDF: 1443817.6/25

- sign 0.000 $\pm$ 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 : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.1/13

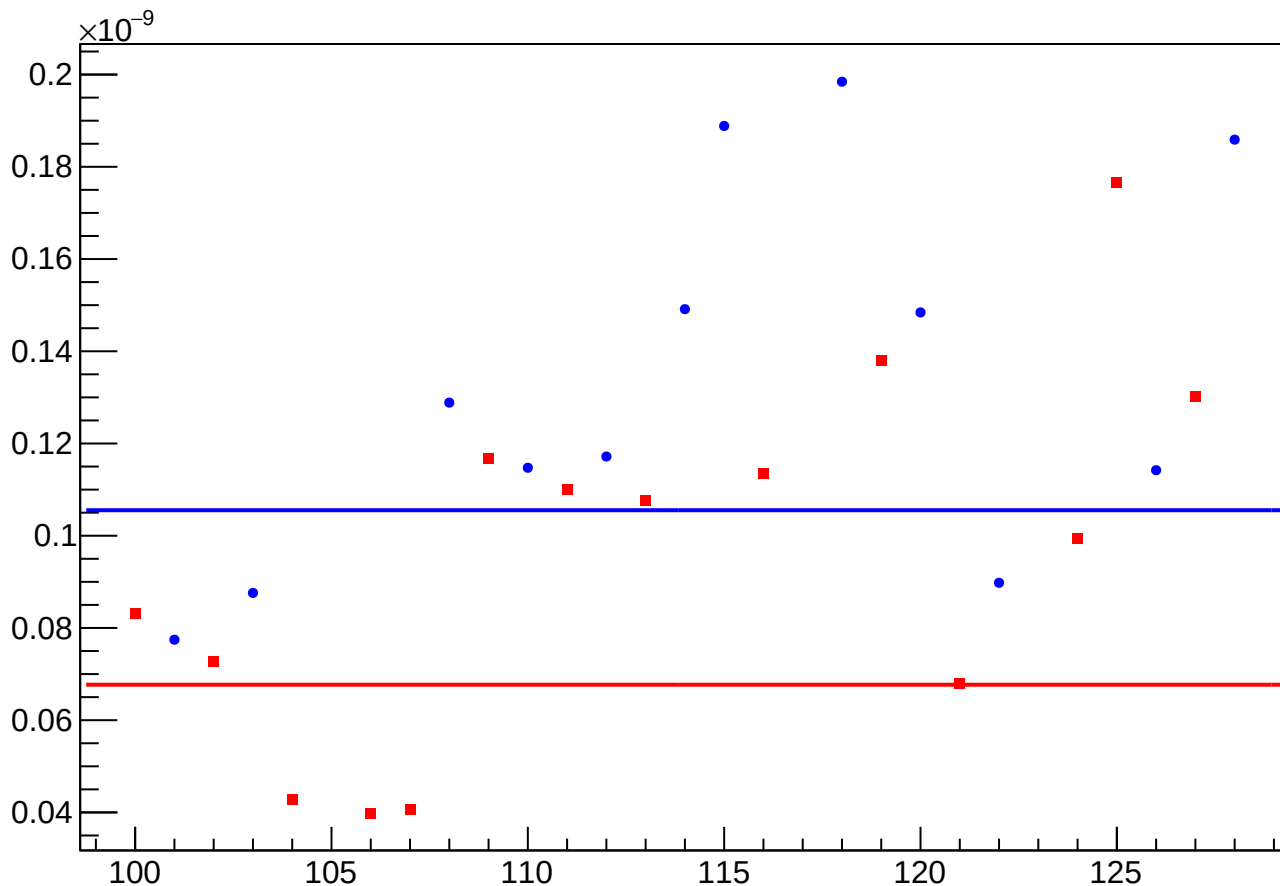
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.9/25

- 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 : 561137.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1348256.0/13

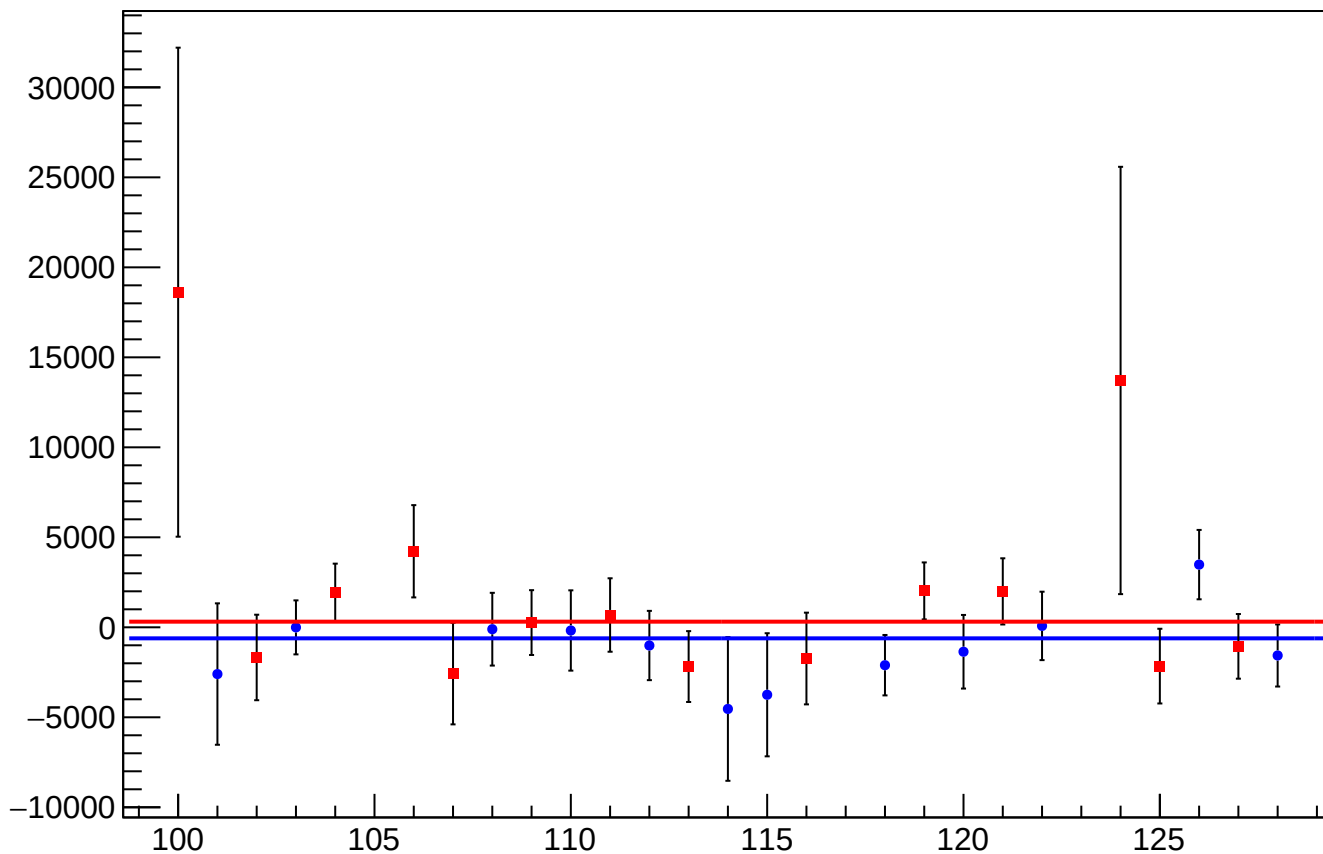
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2446394.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -613.443+/-592.466 χ^2/NDF : 8.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 312.996+/-572.280 χ^2/NDF : 14.5/13

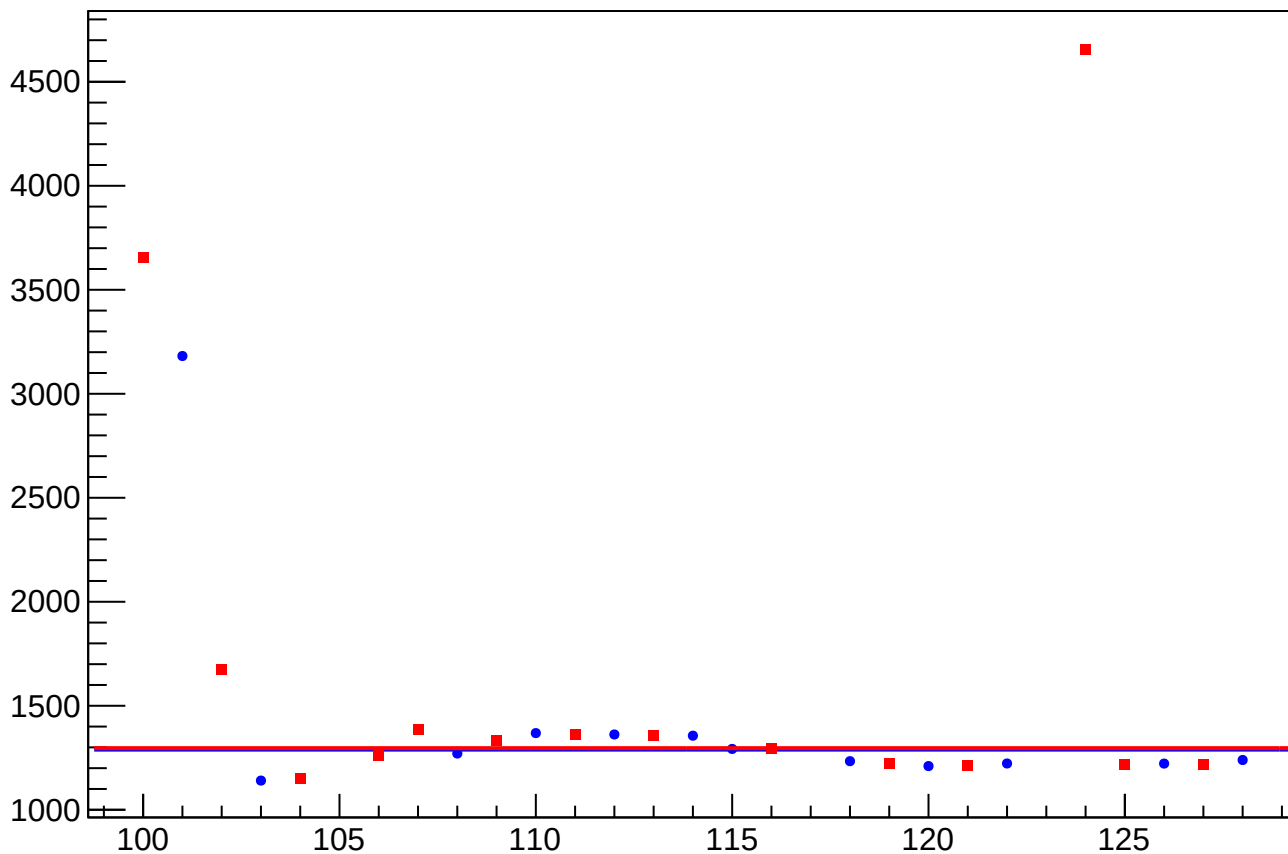
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -134.171+/-411.614 χ^2/NDF : 24.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1289.215+/-0.419 χ^2/NDF : 501607.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1296.241+/-0.405 χ^2/NDF : 311066.7/13

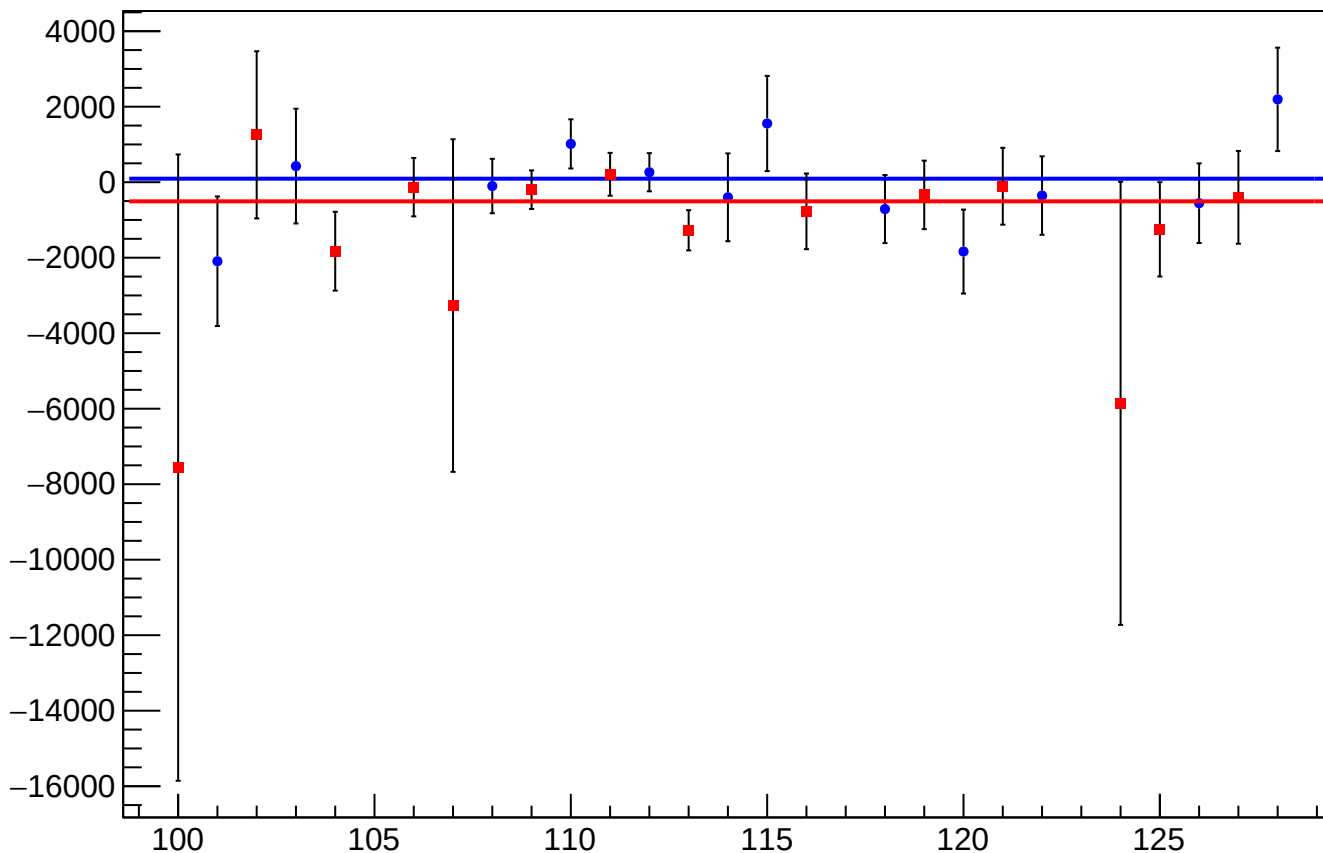
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1292.850+/-0.291 χ^2/NDF : 812819.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_mean vs Slug



Right In: 92.983+/-260.504 χ^2/NDF : 12.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -506.645+/-236.858 χ^2/NDF : 9.1/13

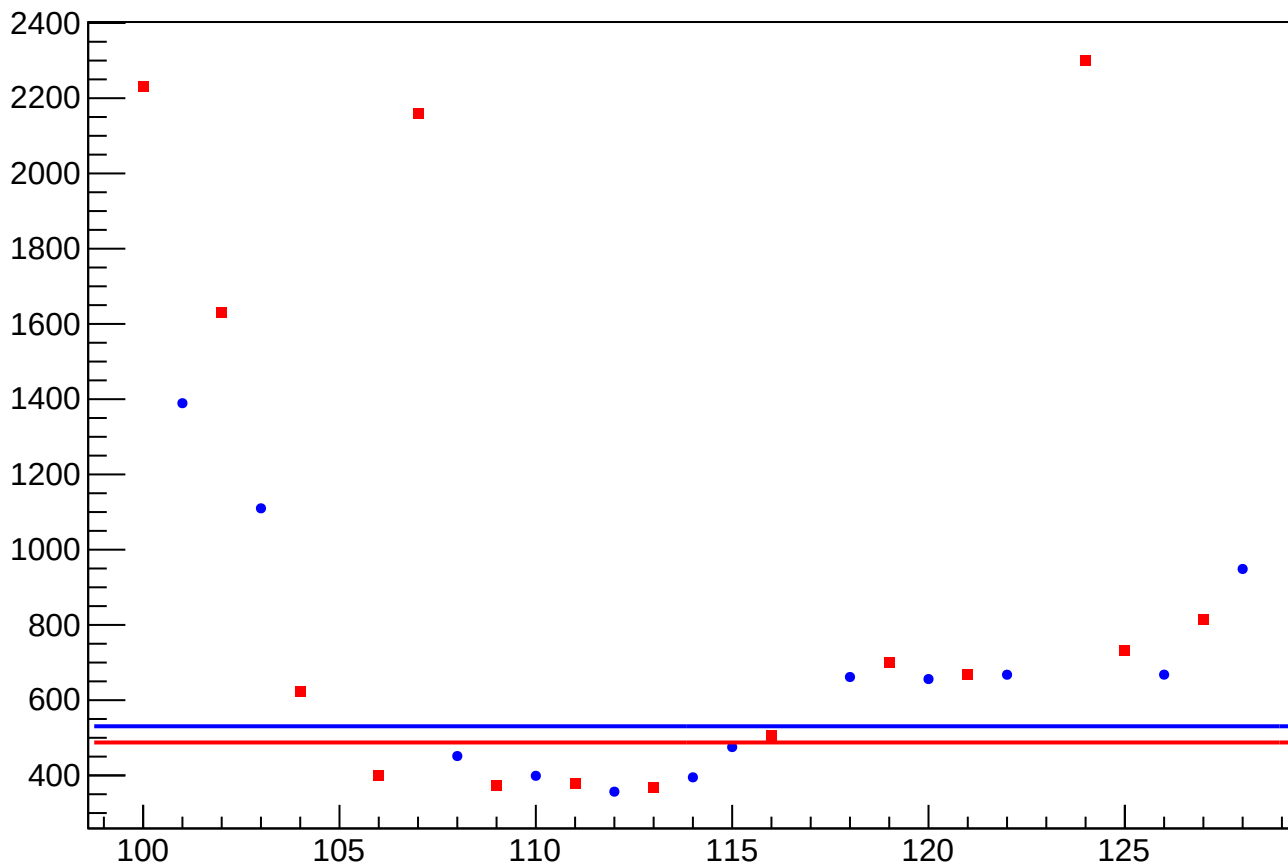
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -235.275+/-175.249 χ^2/NDF : 24.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_rms vs Slug



Right In: 530.629+/-0.184 χ^2/NDF : 1487662.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 487.551+/-0.167 χ^2/NDF : 1826121.2/13

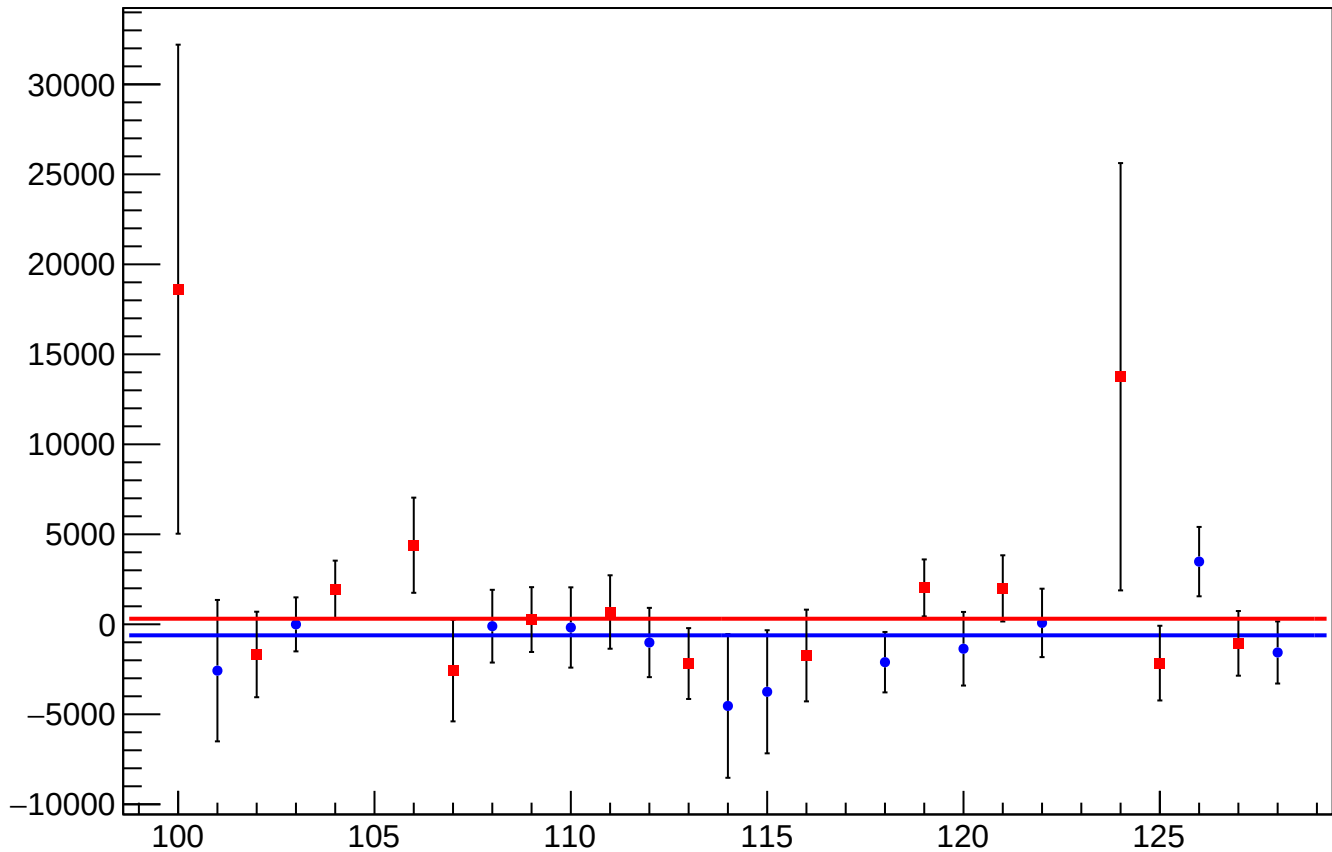
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 507.047+/-0.124 χ^2/NDF : 3343722.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -612.868+/-592.467 χ^2/NDF : 8.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 309.402+/-573.135 χ^2/NDF : 14.5/13

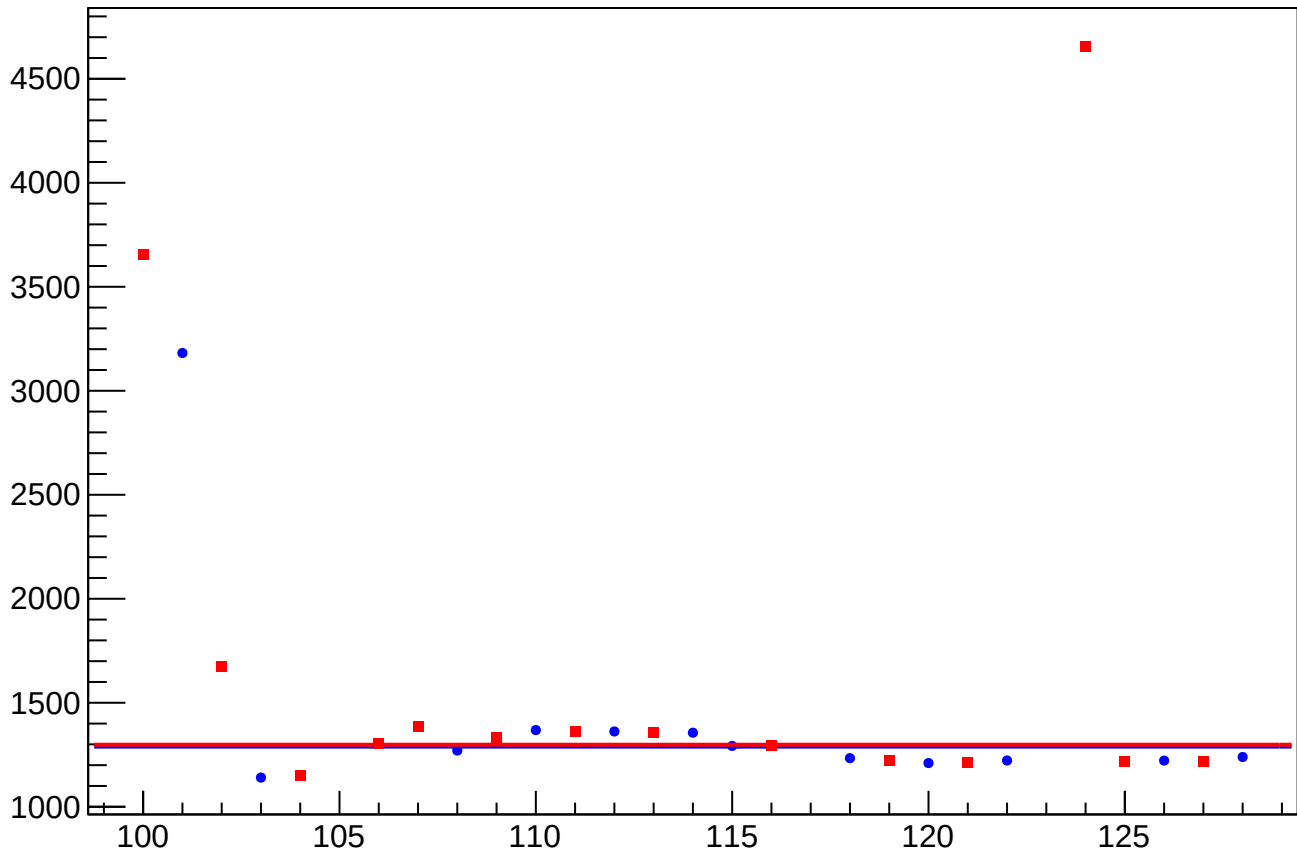
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -136.442+/-411.932 χ^2/NDF : 24.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1289.215+/-0.419 χ^2/NDF : 501608.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

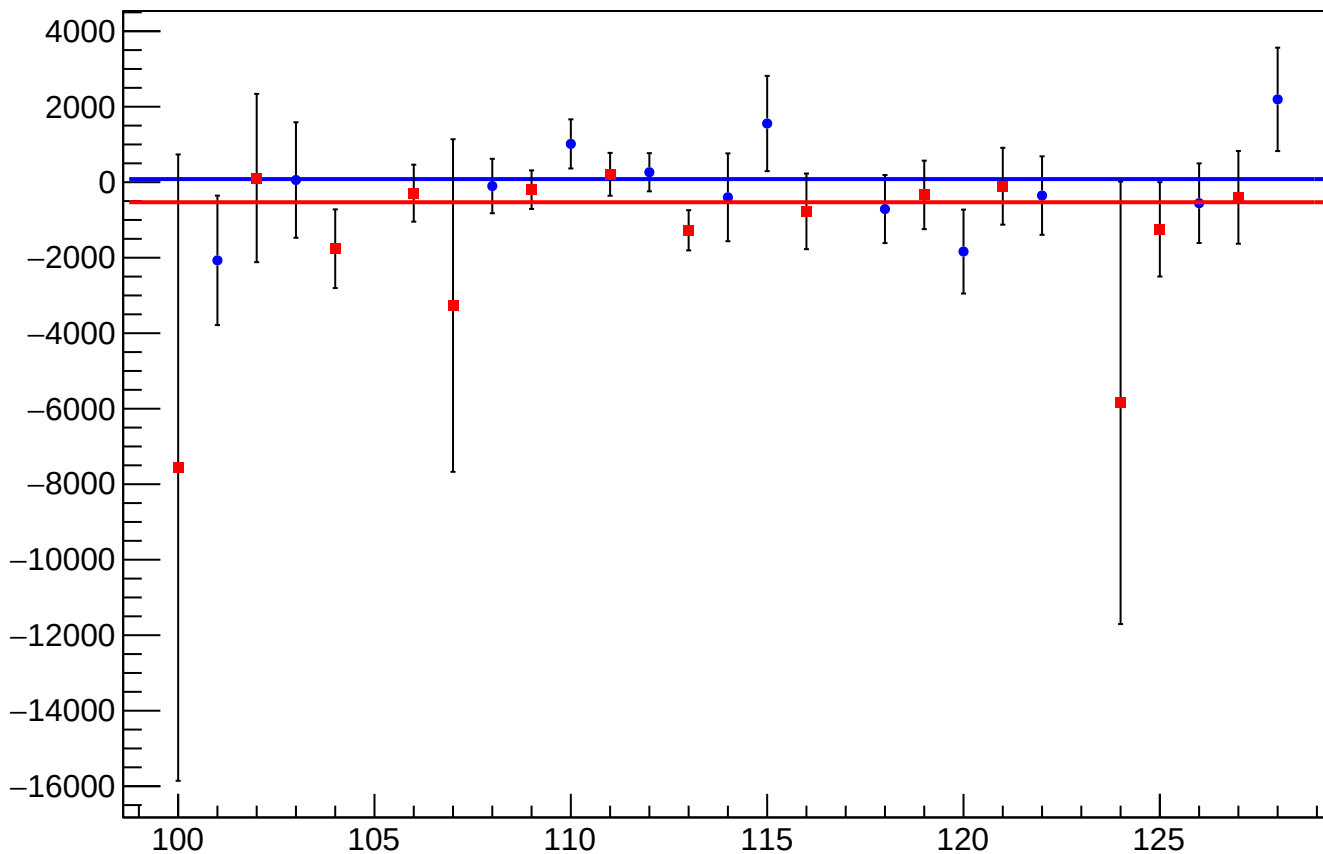
Right Out: 1298.257+/-0.405 χ^2/NDF : 310724.2/13

All: 1293.886+/-0.291 χ^2/NDF : 812573.3/25

- 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_cor_correction_mean vs Slug



Right In: 82.712 $\pm$ 260.558 χ^2 /NDF: 12.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -530.263 $\pm$ 236.313 χ^2 /NDF: 8.2/13

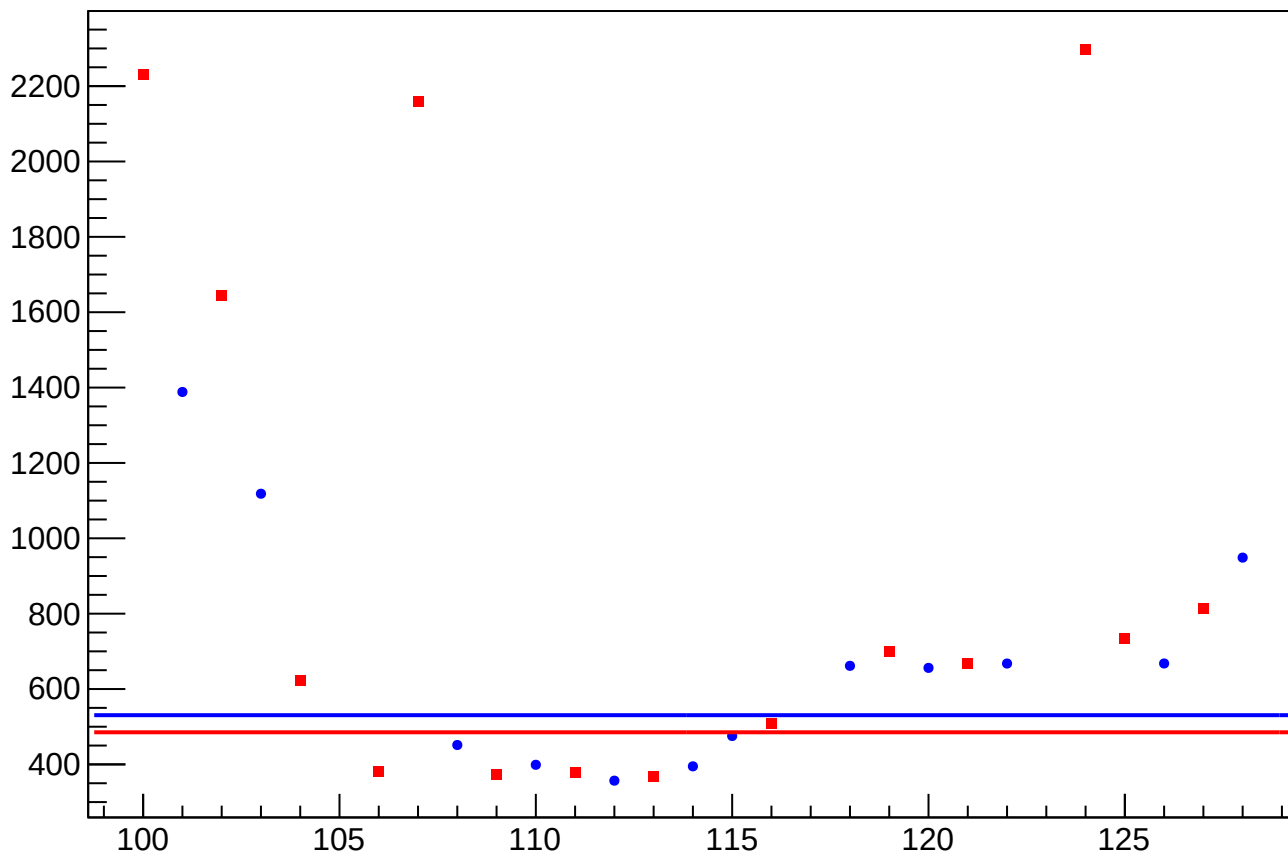
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -253.614 $\pm$ 175.044 χ^2 /NDF: 23.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_rms vs Slug



Right In: 530.631+/-0.184 χ^2/NDF : 1491327.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 485.231+/-0.167 χ^2/NDF : 1847173.6/13

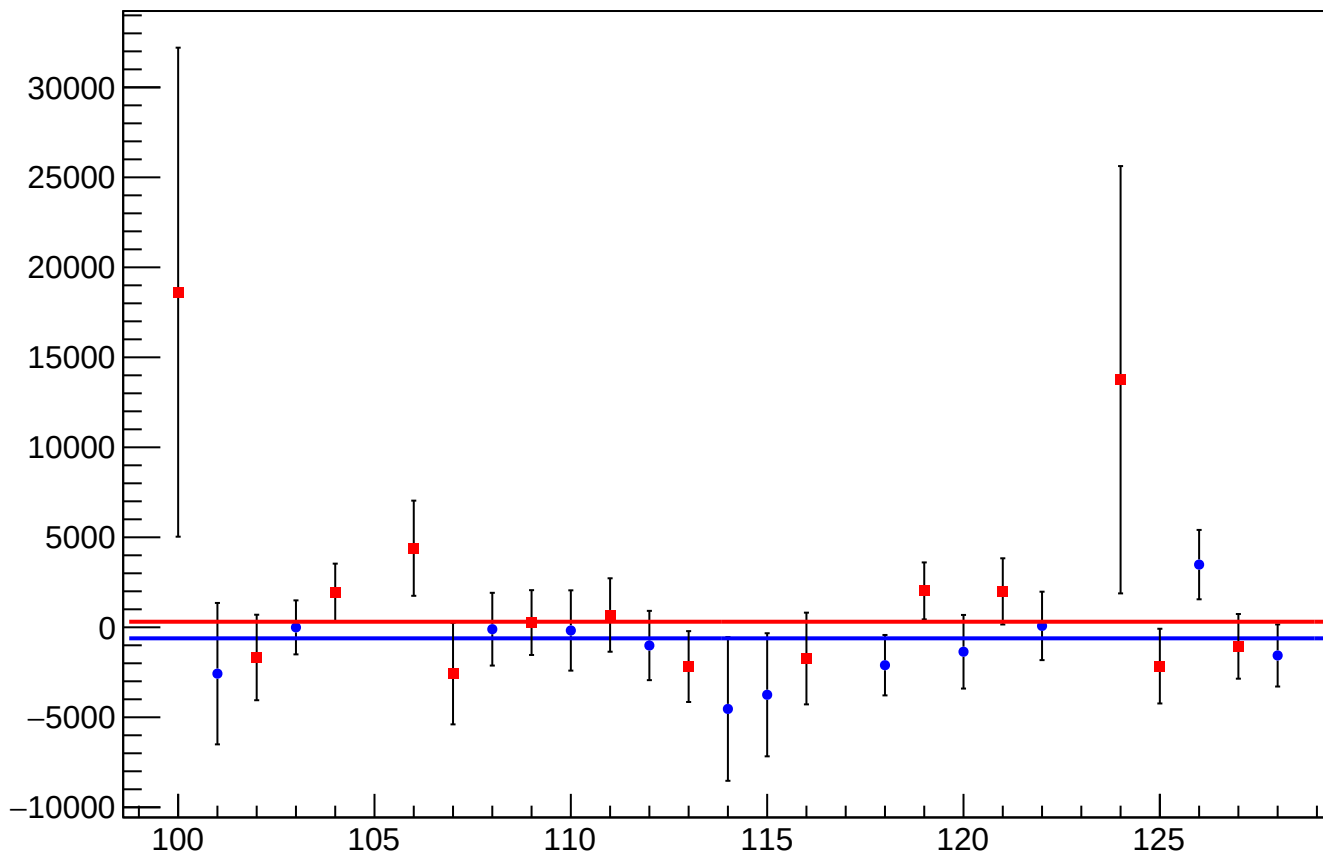
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 505.721+/-0.124 χ^2/NDF : 3371816.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -612.868+/-592.467 χ^2/NDF : 8.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 309.402+/-573.135 χ^2/NDF : 14.5/13

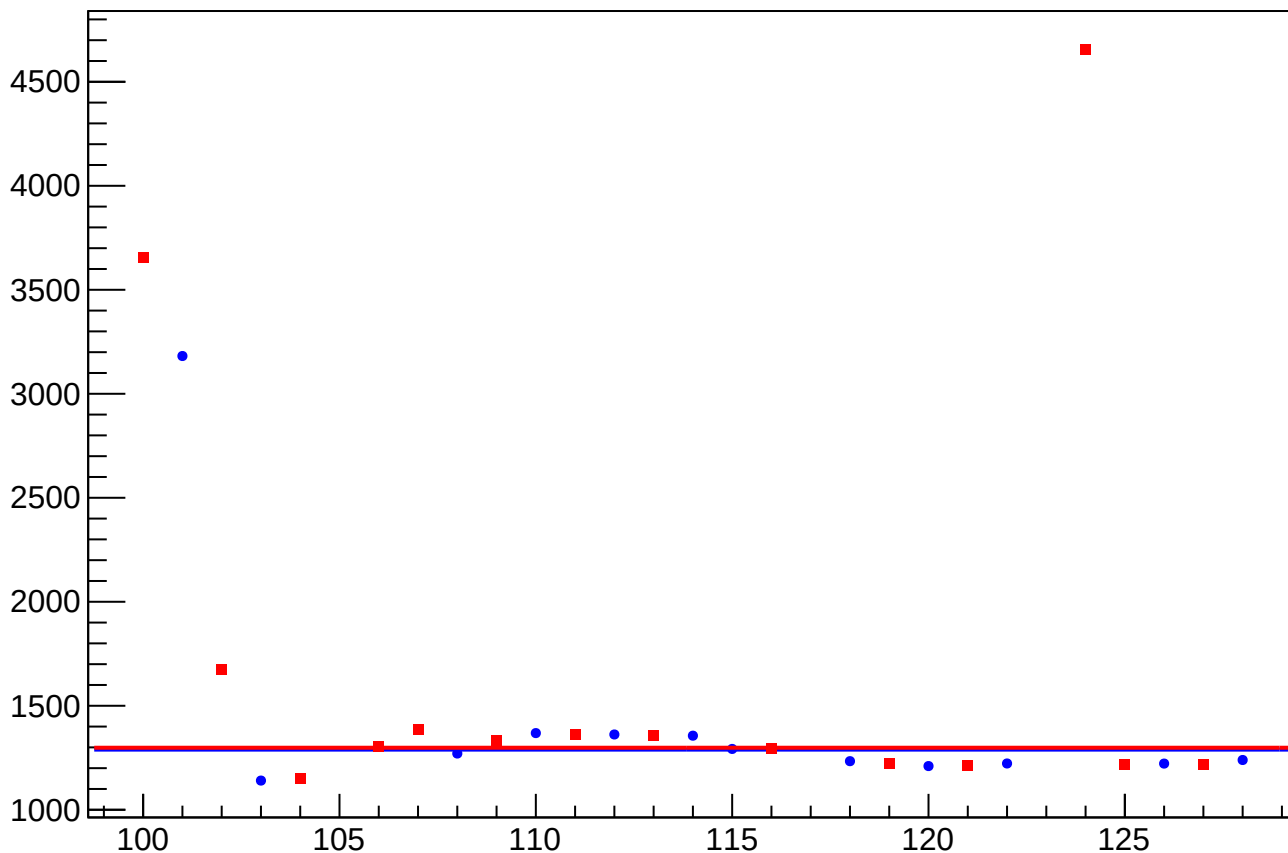
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -136.442+/-411.932 χ^2/NDF : 24.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1289.215+/-0.419 χ^2/NDF : 501608.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.257+/-0.405 χ^2/NDF : 310724.2/13

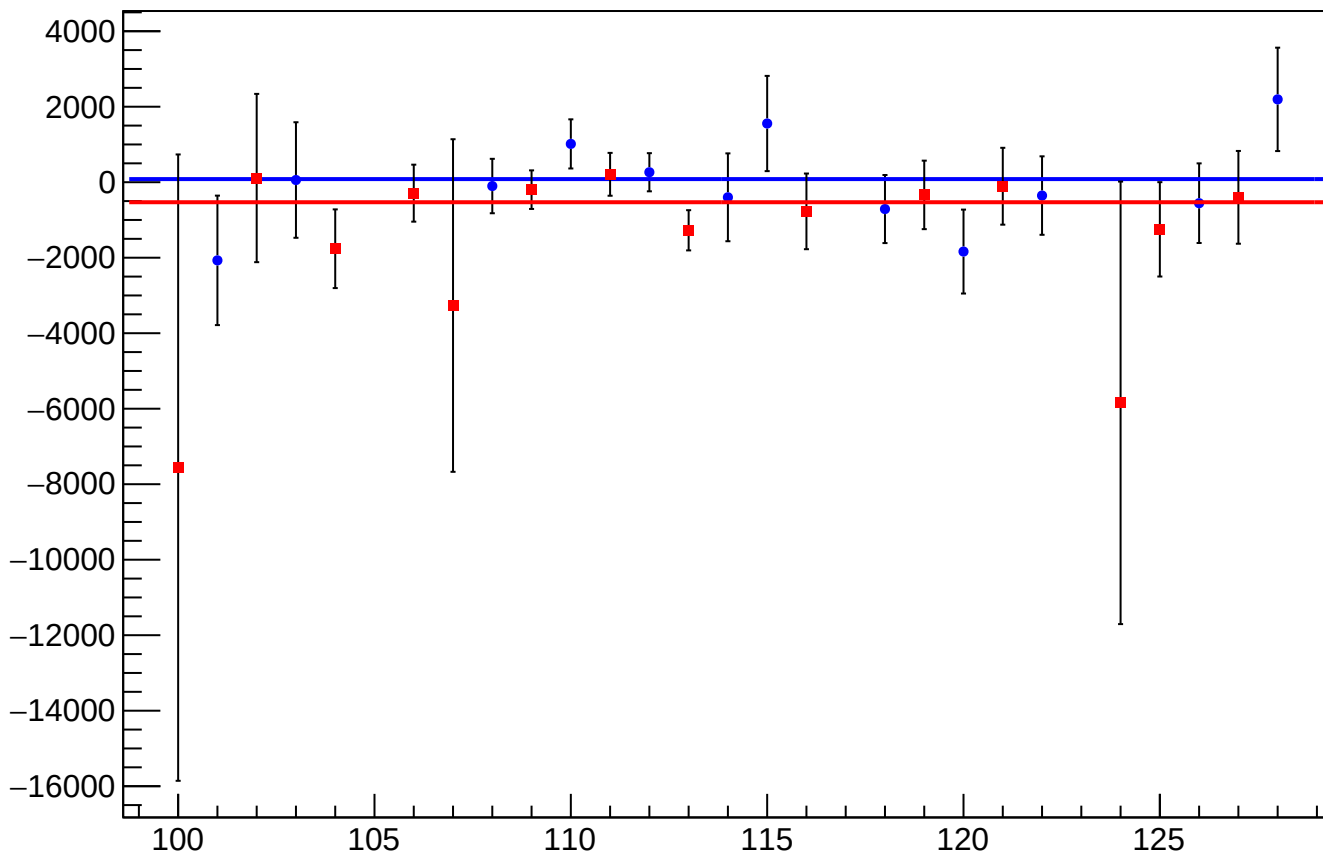
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.886+/-0.291 χ^2/NDF : 812573.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_mean vs Slug



Right In: 82.712 $\pm$ 260.558 χ^2 /NDF: 12.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -530.263 $\pm$ 236.313 χ^2 /NDF: 8.2/13

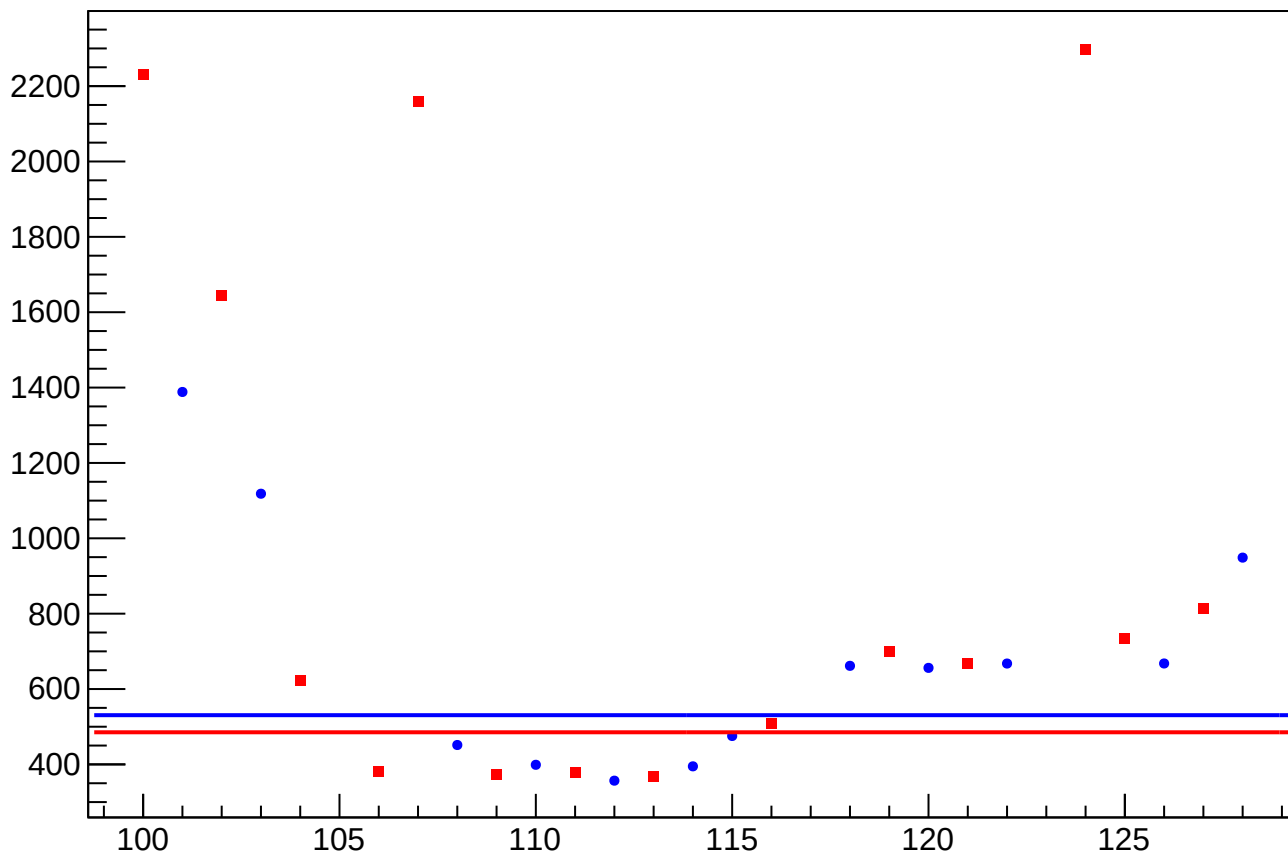
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -253.614 $\pm$ 175.044 χ^2 /NDF: 23.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_rms vs Slug



Right In: 530.631+/-0.184 χ^2/NDF : 1491327.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 485.231+/-0.167 χ^2/NDF : 1847173.6/13

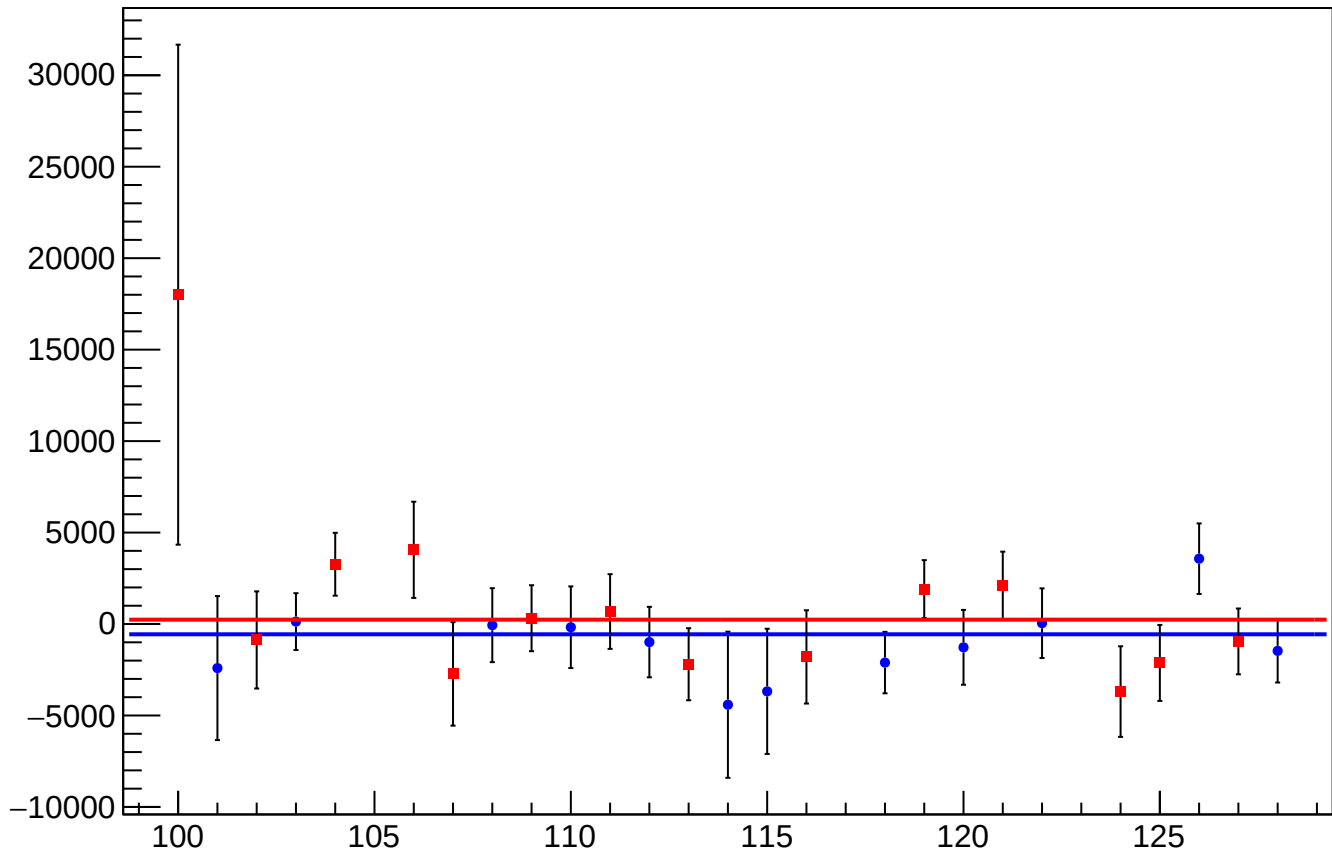
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 505.721+/-0.124 χ^2/NDF : 3371816.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -561.020 ± 596.014 χ^2/NDF : 8.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 238.457 ± 566.775 χ^2/NDF : 16.8/13

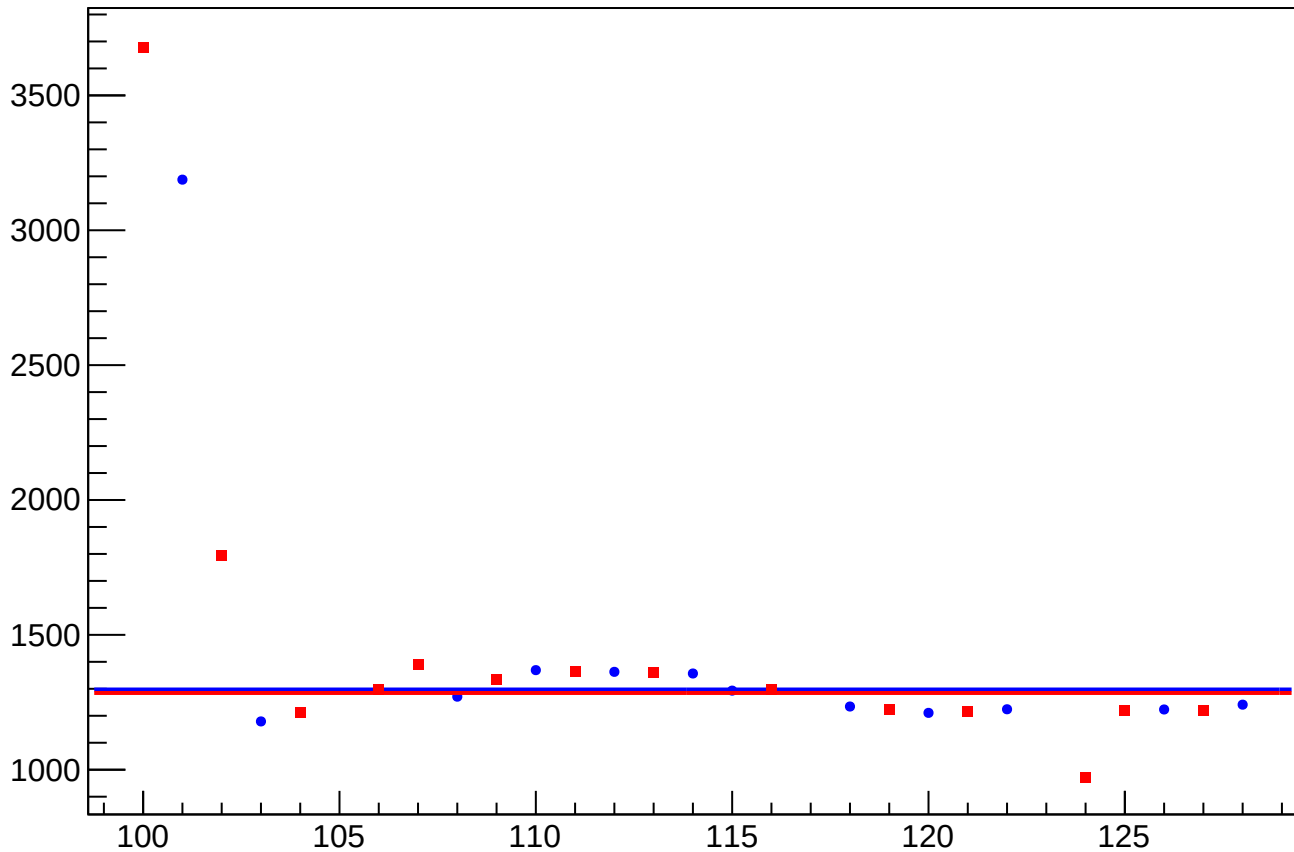
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -141.191 ± 410.718 χ^2/NDF : 26.0/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1297.364+/-0.421 χ^2/NDF : 492450.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.573+/-0.401 χ^2/NDF : 191272.9/13

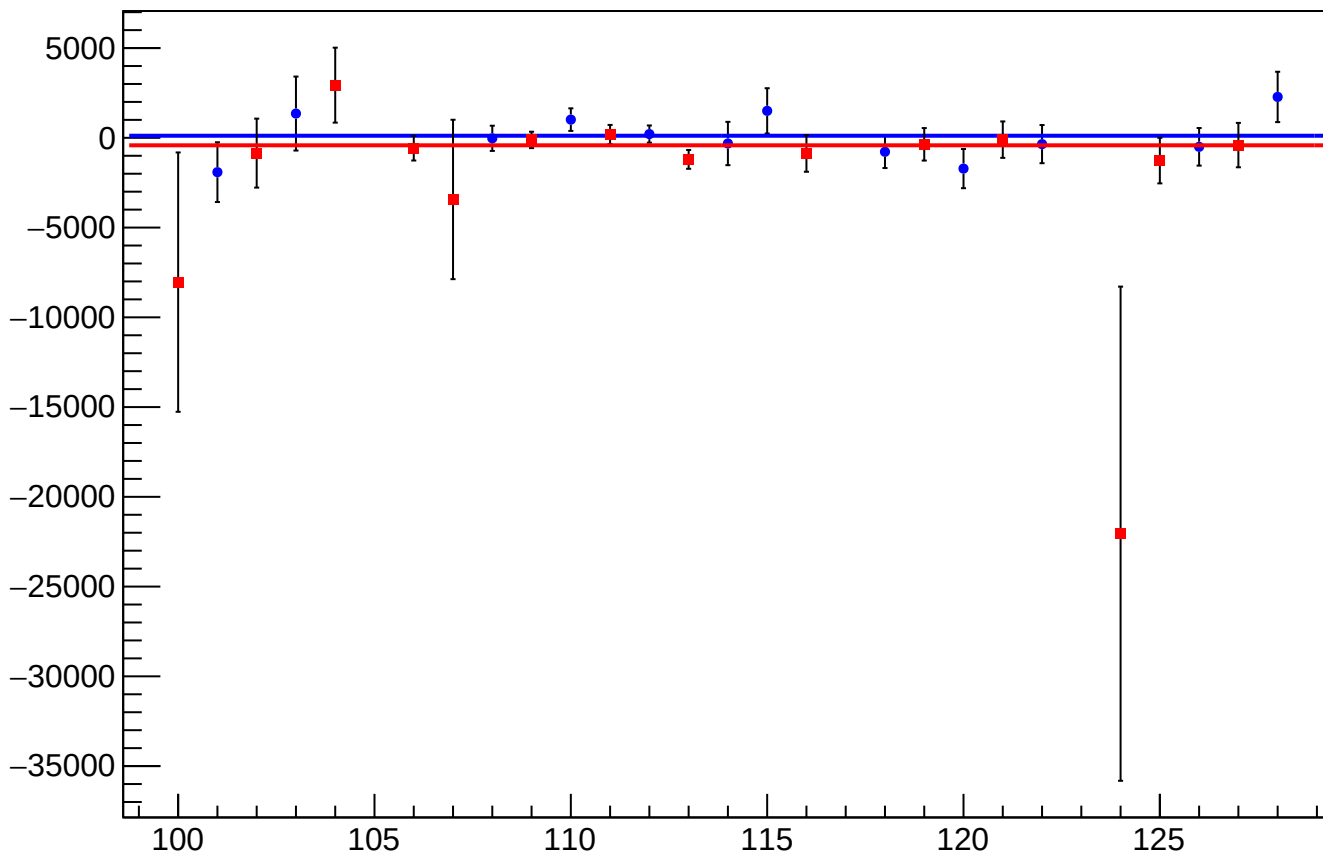
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1290.647+/-0.290 χ^2/NDF : 684207.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_mean vs Slug



Right In: 116.580 $\pm$ 256.655 χ^2 /NDF: 12.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -416.691 $\pm$ 228.968 χ^2 /NDF: 11.4/13

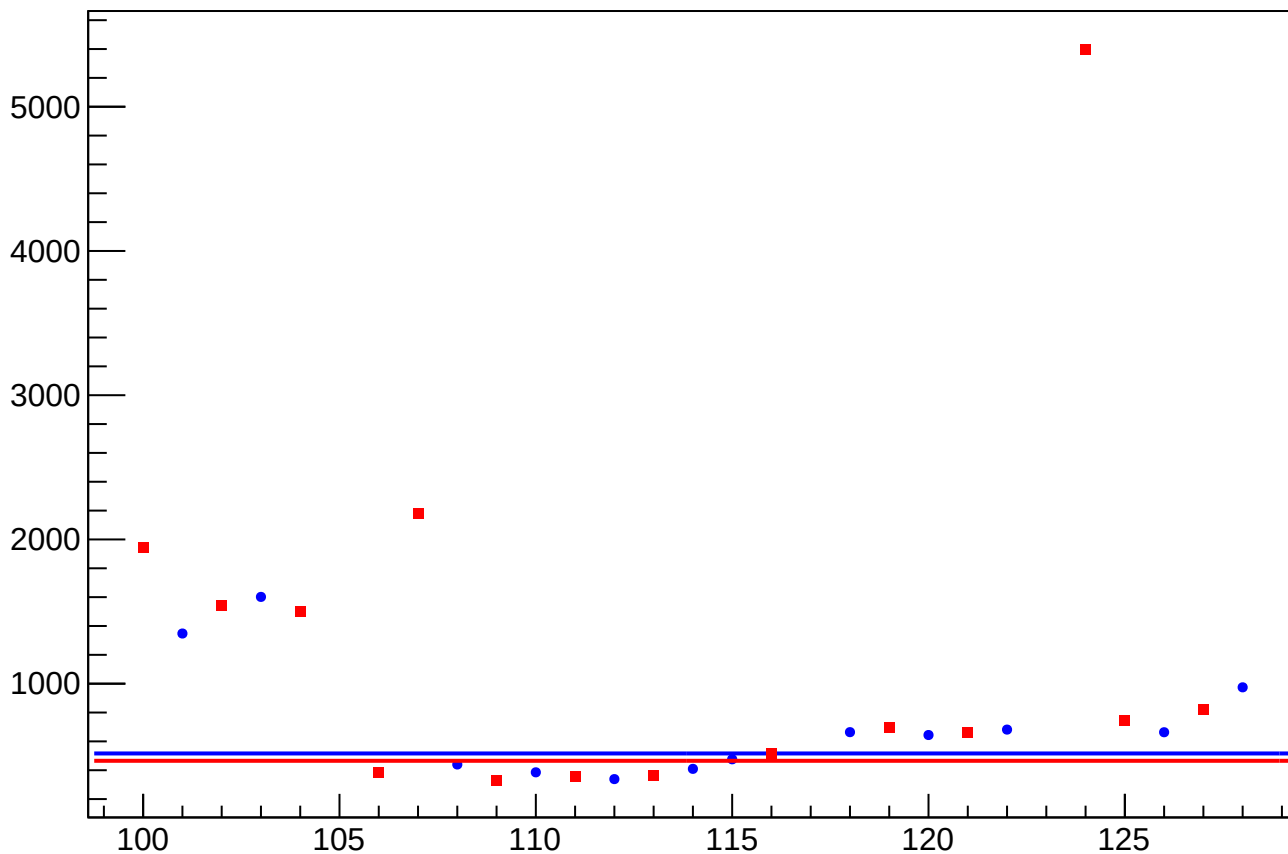
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -180.361 $\pm$ 170.858 χ^2 /NDF: 25.8/25

- 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: 516.279+/-0.181 χ^2/NDF : 1839116.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 465.370+/-0.162 χ^2/NDF : 2604992.3/13

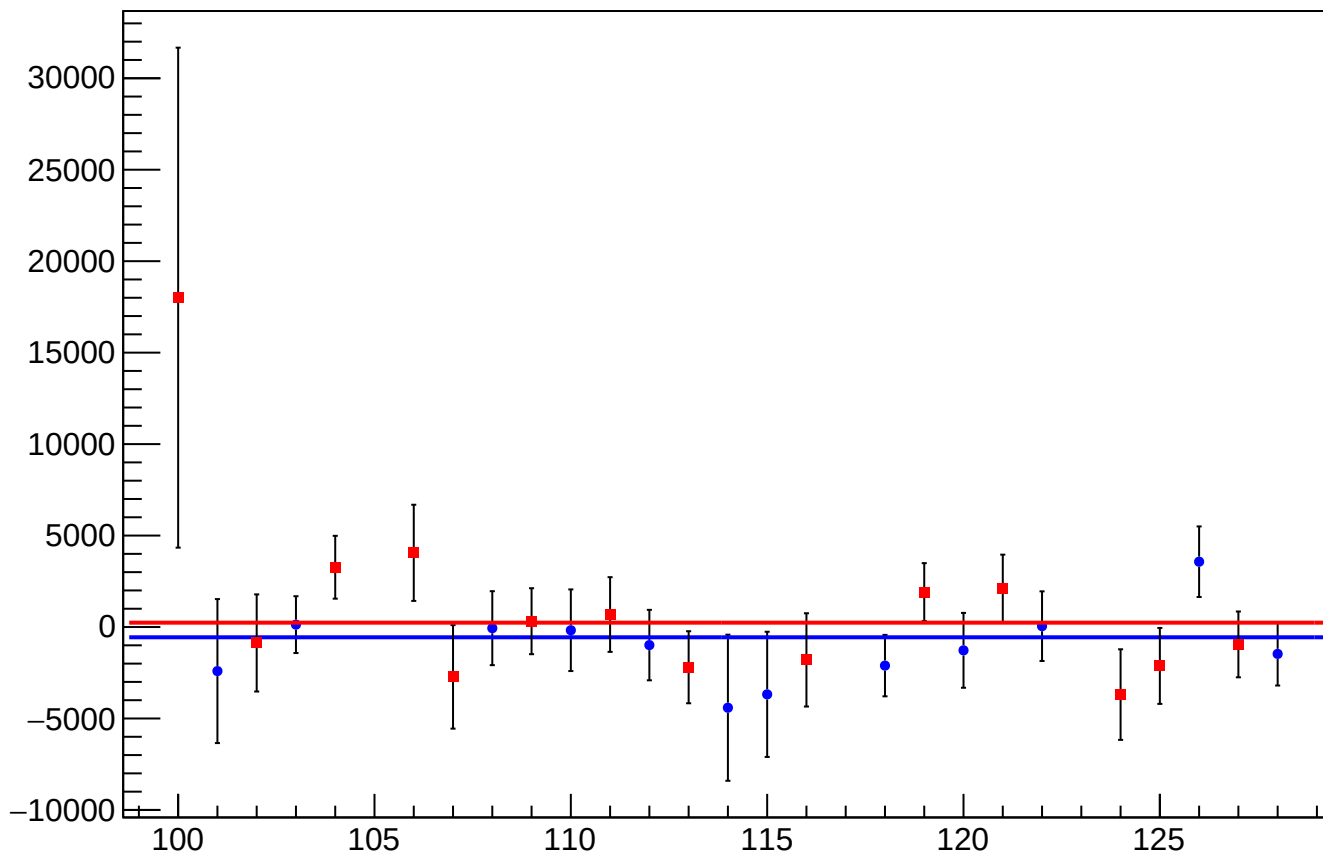
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 487.931+/-0.121 χ^2/NDF : 4487926.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -561.020+/-596.014 χ^2/NDF : 8.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 238.456+/-566.775 χ^2/NDF : 16.8/13

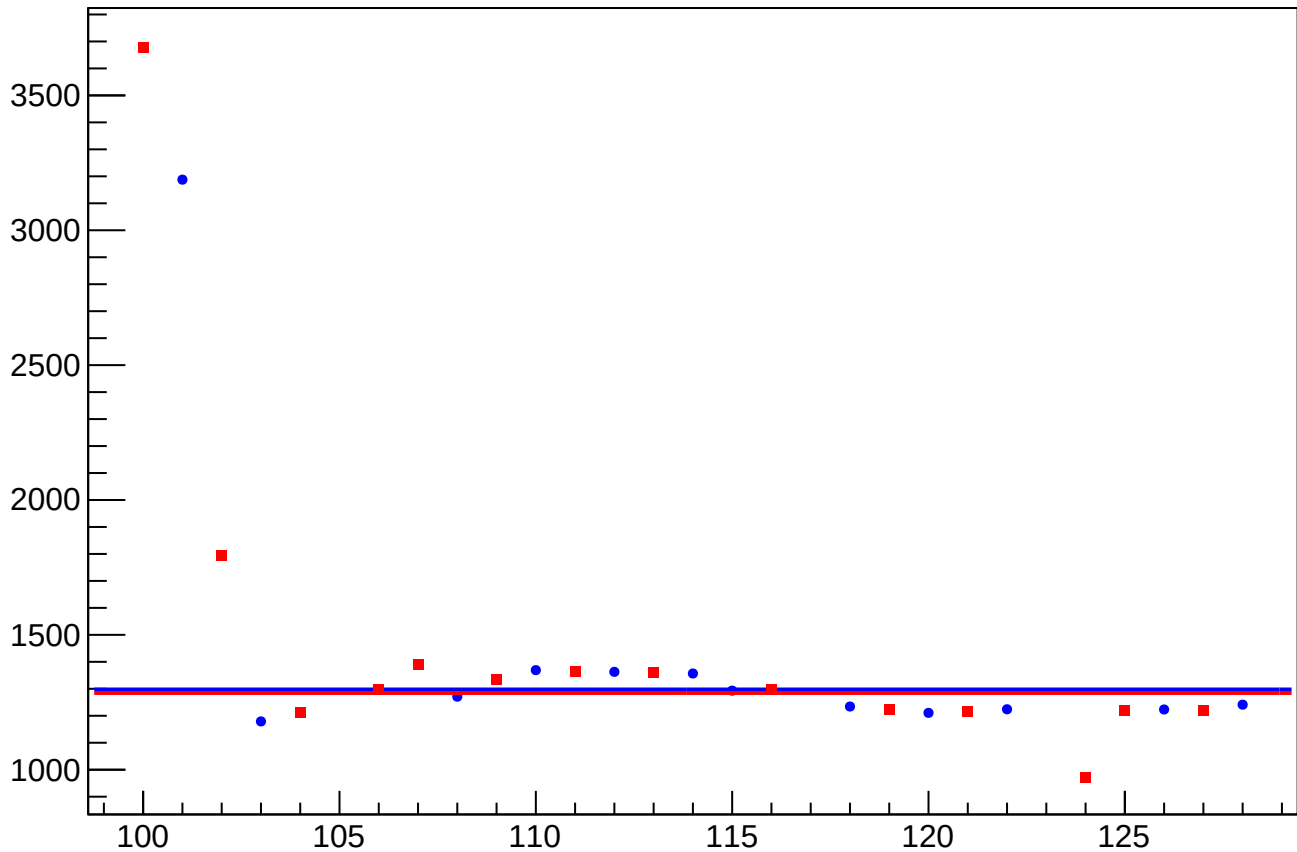
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -141.191+/-410.718 χ^2/NDF : 26.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1297.364+/-0.421 χ^2 /NDF: 492450.7/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1284.573+/-0.401 χ^2 /NDF: 191273.2/13

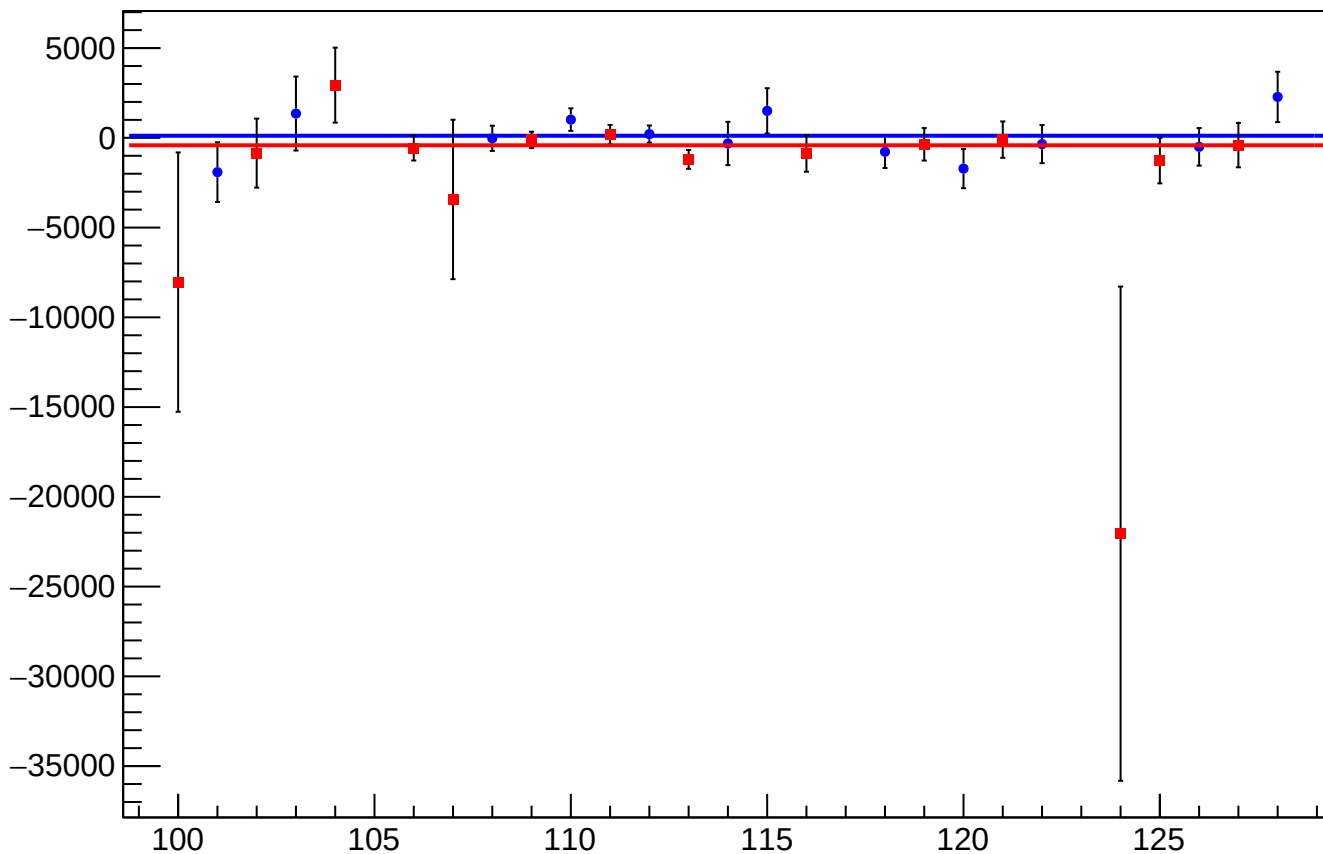
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1290.647+/-0.290 χ^2 /NDF: 684207.7/25

- 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: 116.580 $\pm$ 256.654 χ^2 /NDF: 12.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -416.689 $\pm$ 228.967 χ^2 /NDF: 11.4/13

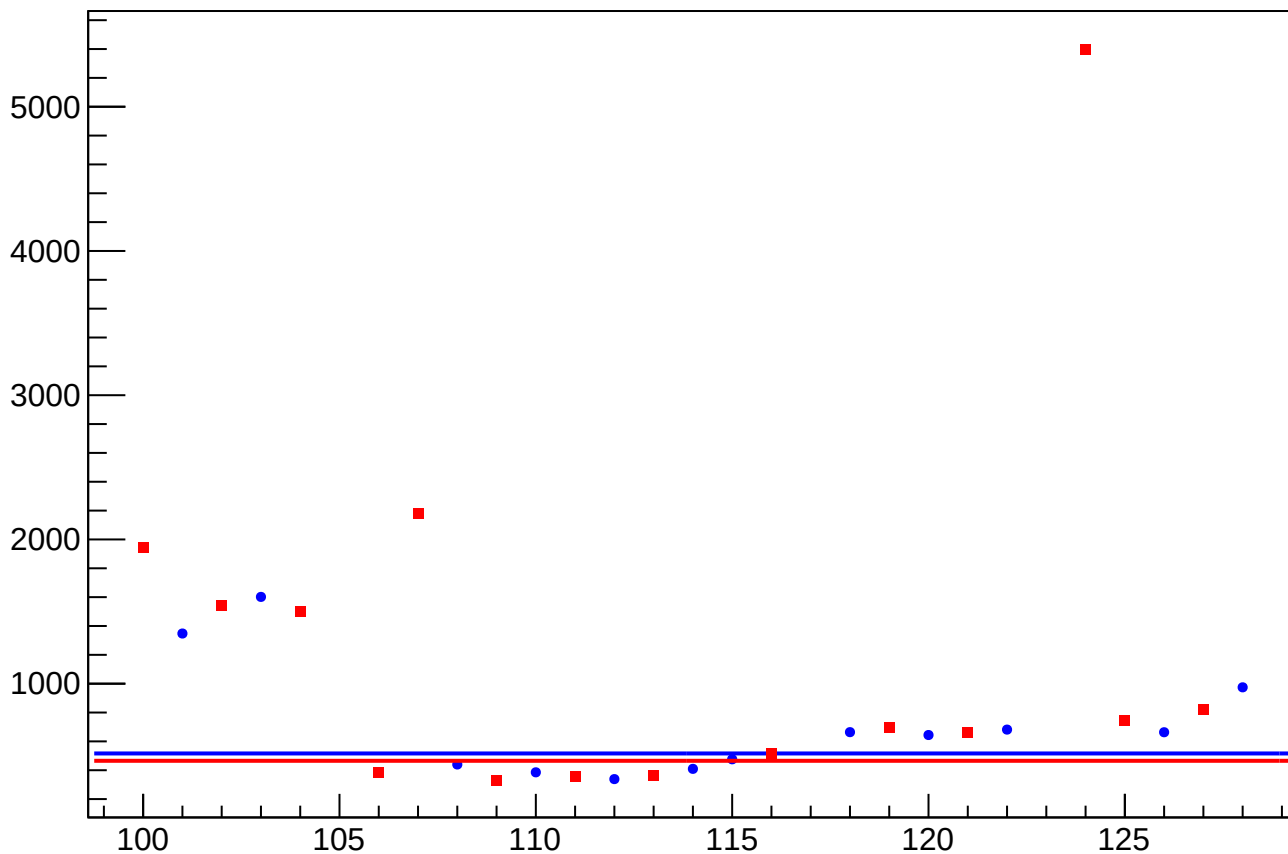
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -180.359 $\pm$ 170.857 χ^2 /NDF: 25.8/25

- 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: 516.276+/-0.181 χ^2/NDF : 1839121.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 465.368+/-0.162 χ^2/NDF : 2604999.5/13

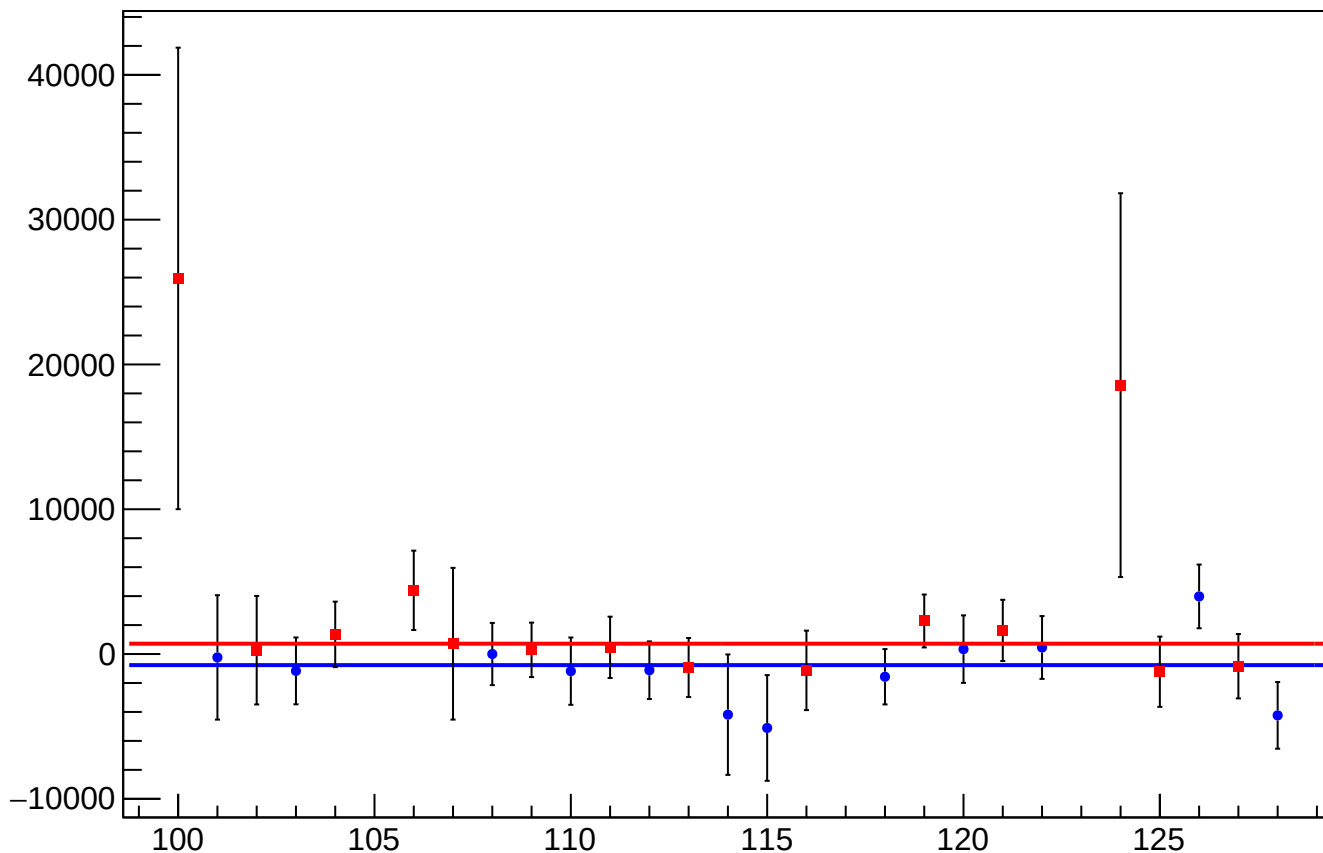
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 487.929+/-0.121 χ^2/NDF : 4487937.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -766.251+/-691.001 χ^2/NDF : 10.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 713.952+/-671.151 χ^2/NDF : 9.4/13

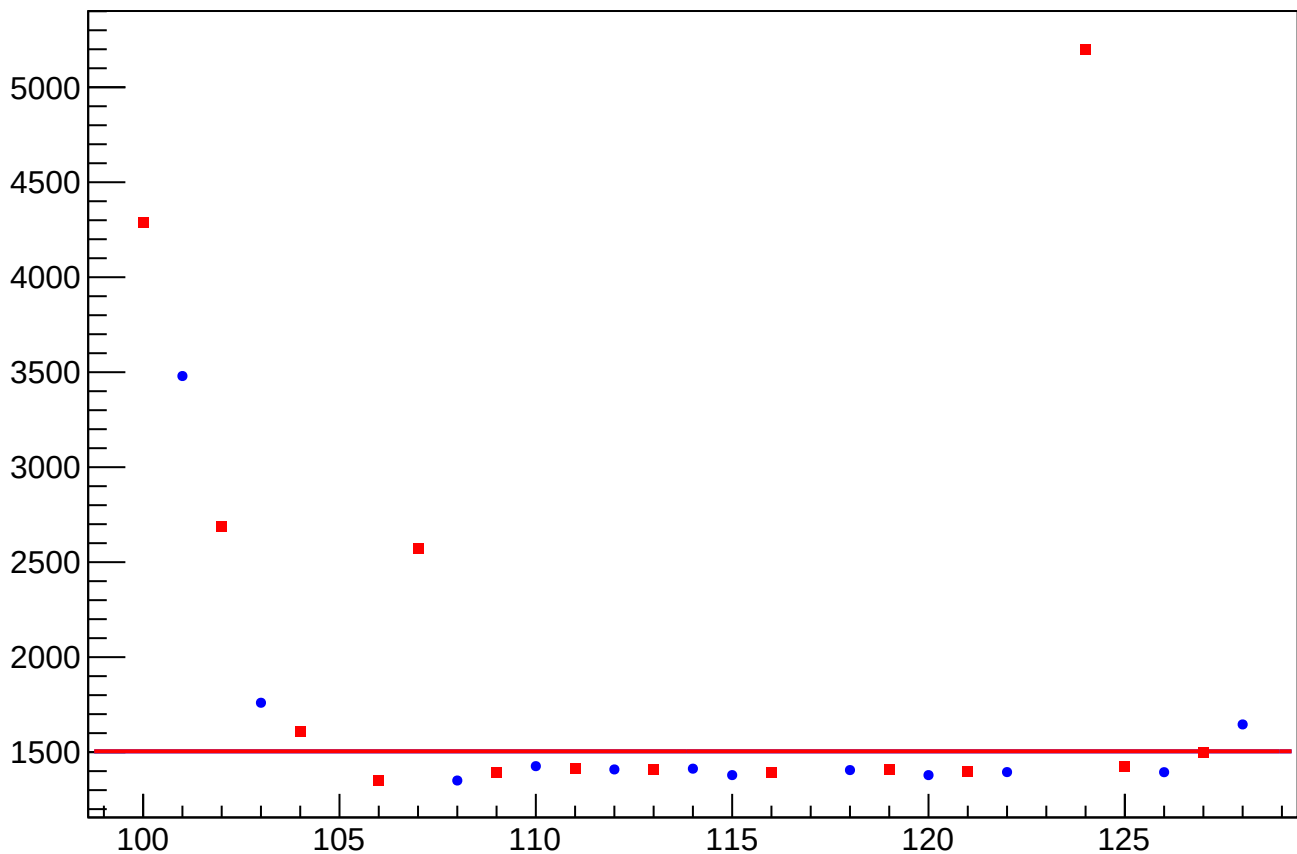
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.583+/-481.440 χ^2/NDF : 21.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1503.965+/-0.489 χ^2/NDF : 496693.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1504.488+/-0.475 χ^2/NDF : 539632.2/13

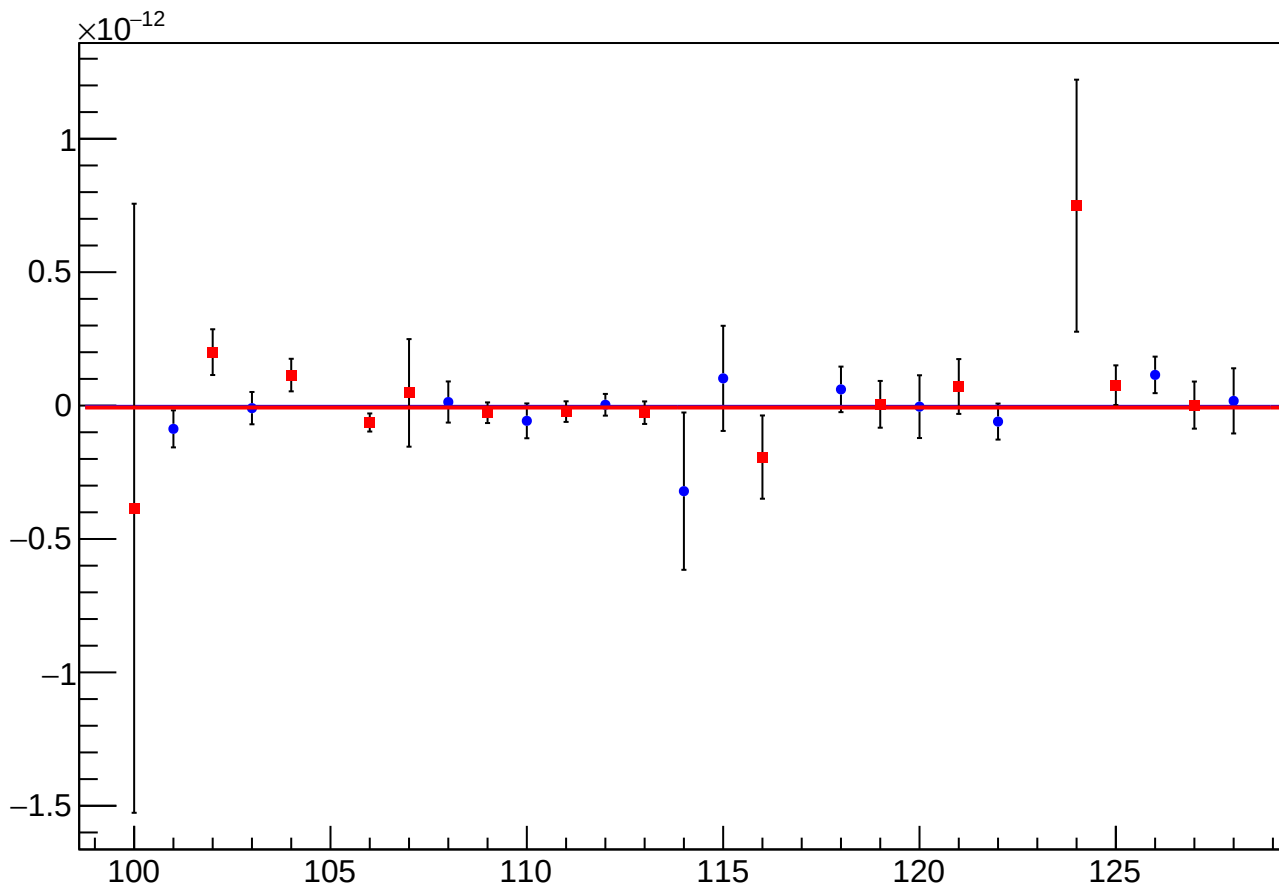
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1504.234+/-0.340 χ^2/NDF : 1036325.8/25

- 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+/-0.000 χ^2 /NDF: 8.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 19.3/13

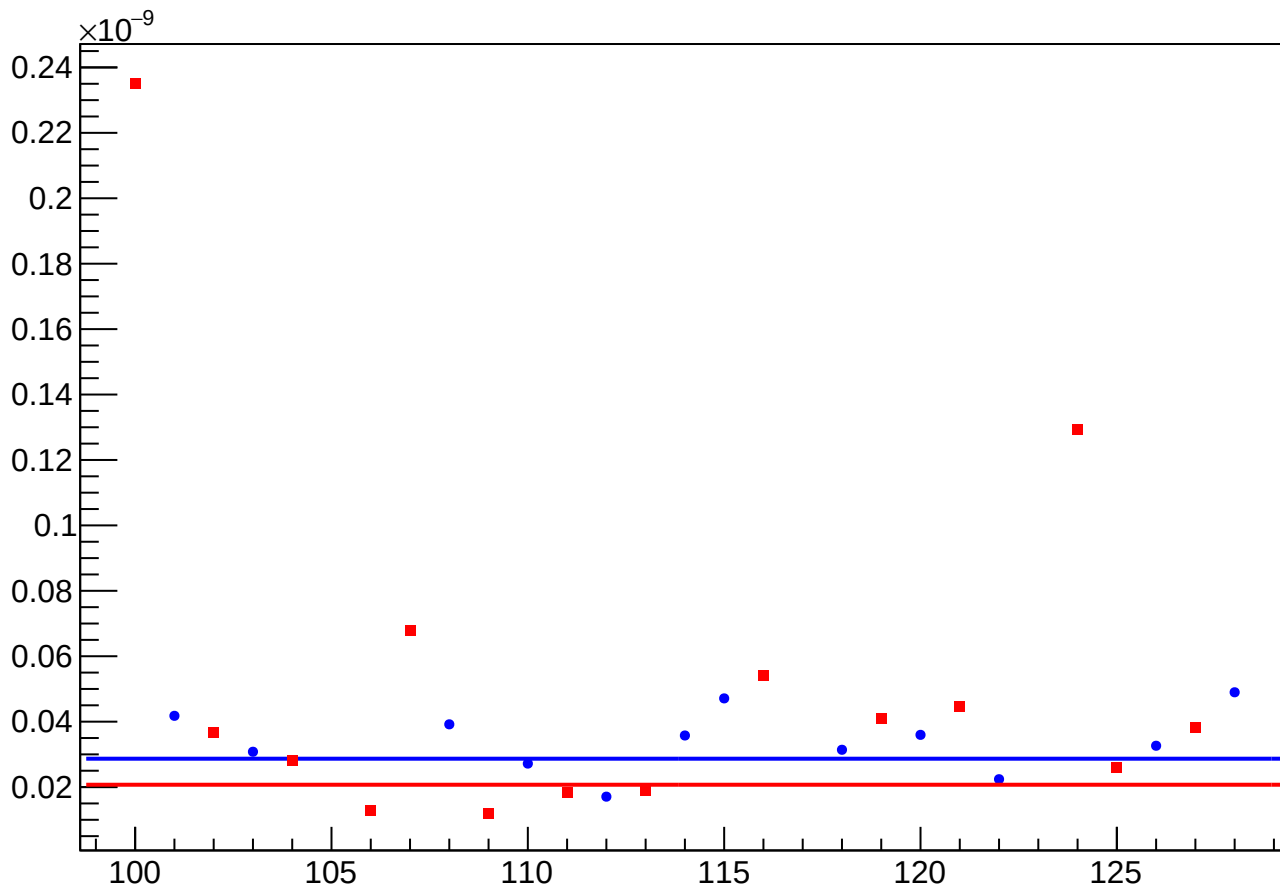
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 27.2/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 382118.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1006156.9/13

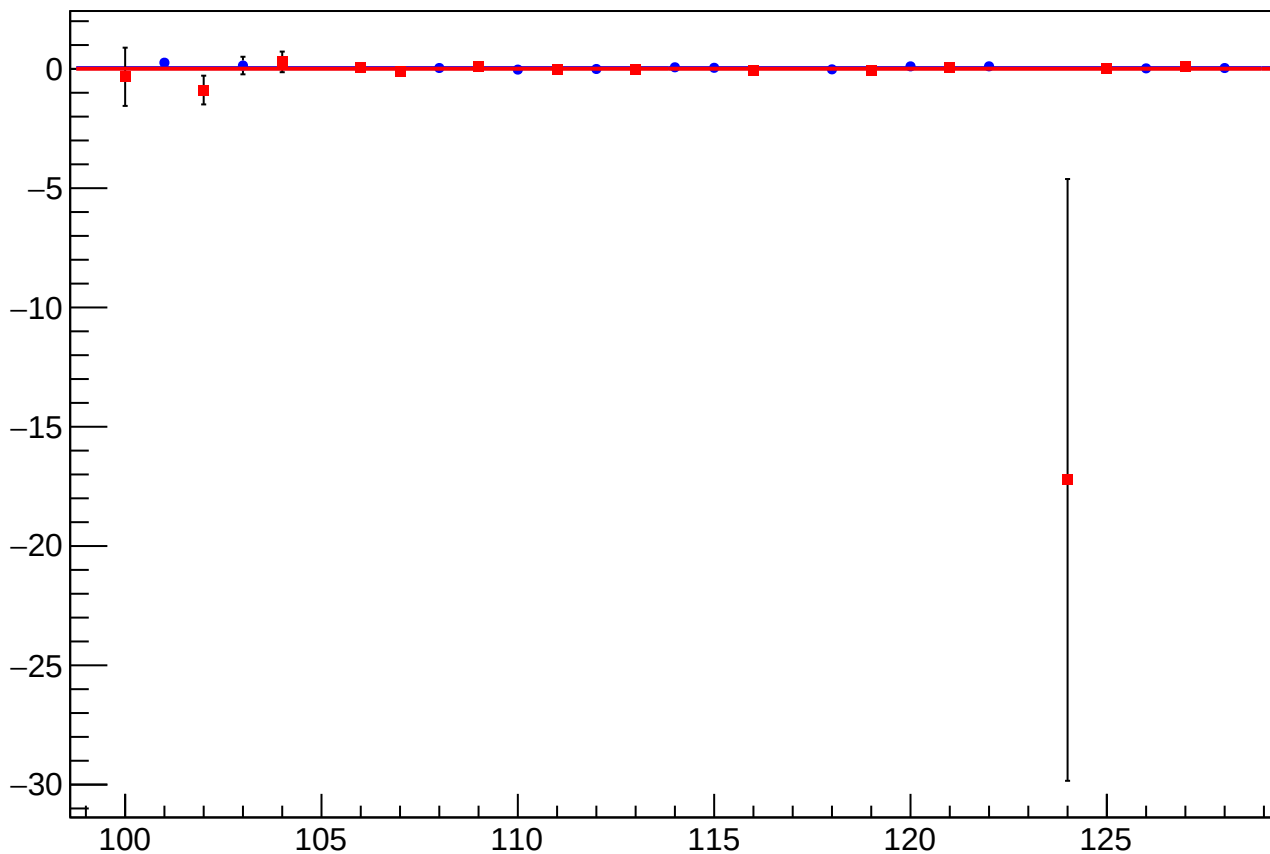
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1566136.6/25

- 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 $\pm$ 0.020 χ^2 /NDF: 8.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.020 χ^2 /NDF: 14.7/13

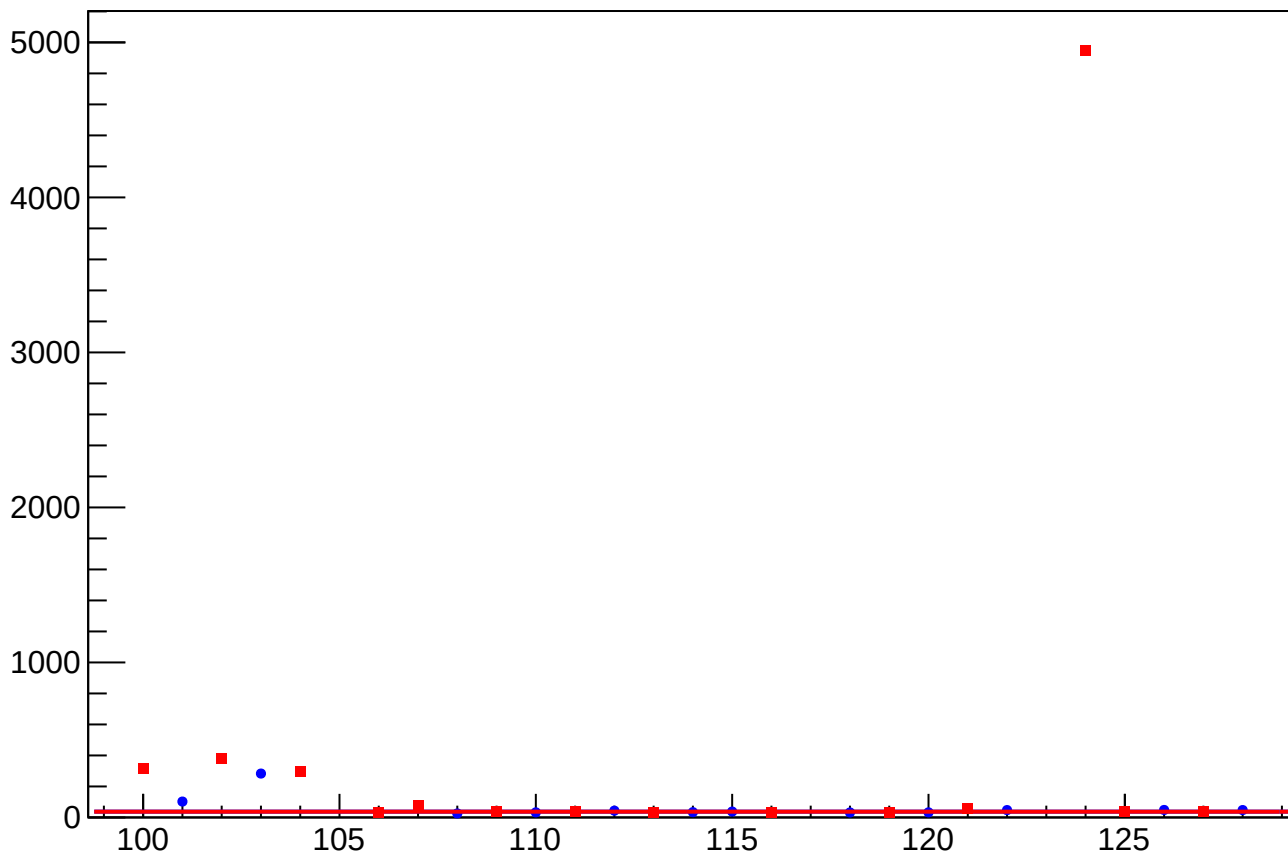
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

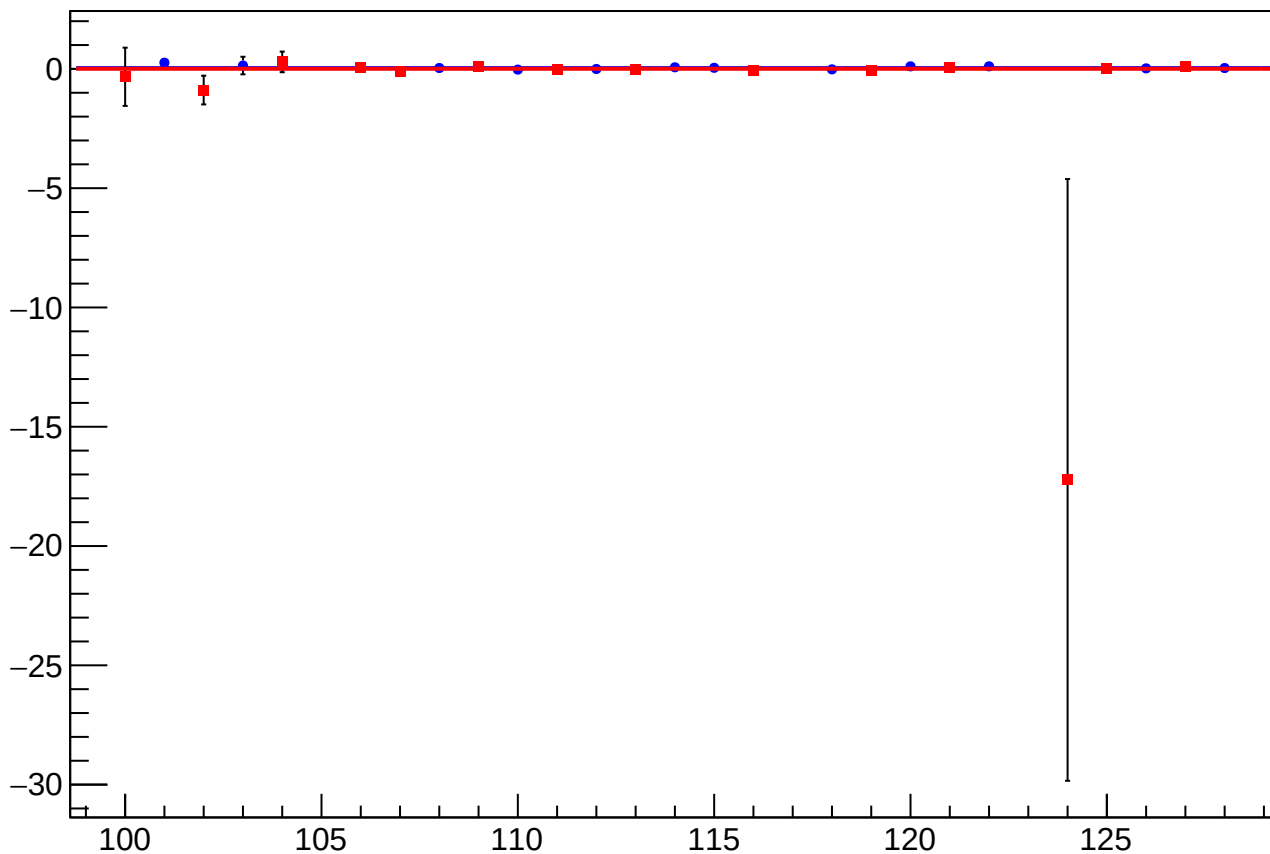
All: 0.020 $\pm$ 0.014 χ^2 /NDF: 23.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_rms vs Slug



asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.033 $\pm$ 0.020 χ^2 /NDF: 8.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.020 χ^2 /NDF: 14.7/13

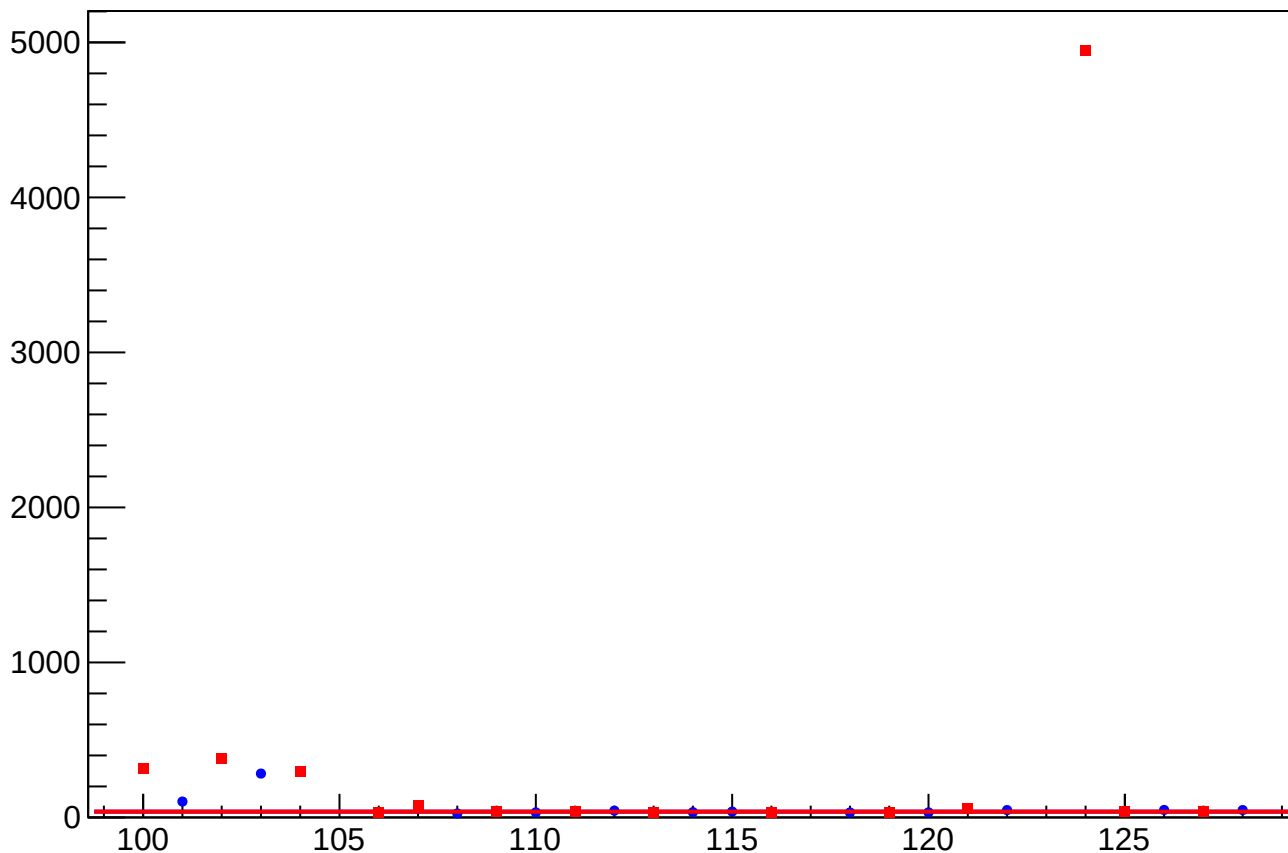
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

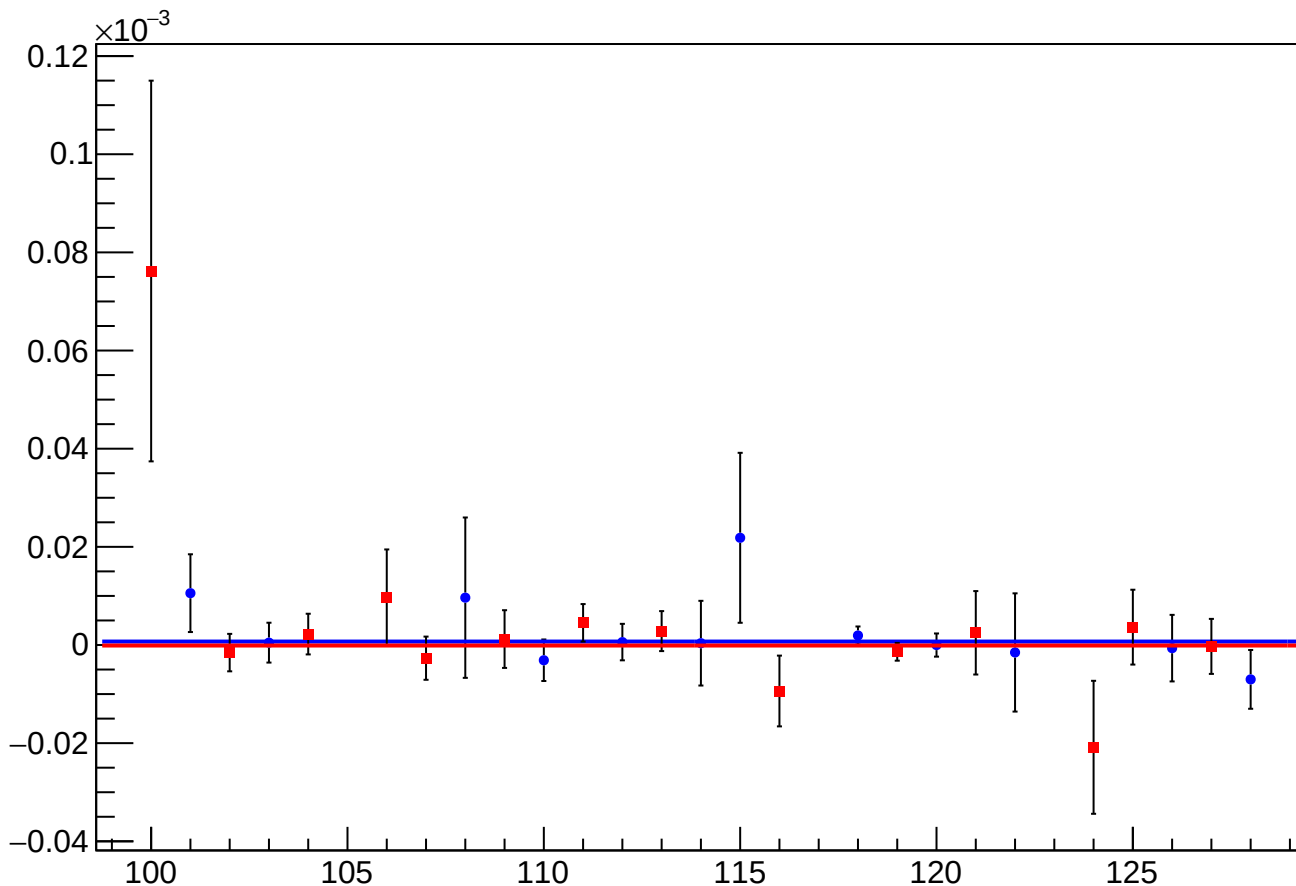
All: 0.020 $\pm$ 0.014 χ^2 /NDF: 23.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug



asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.5/13

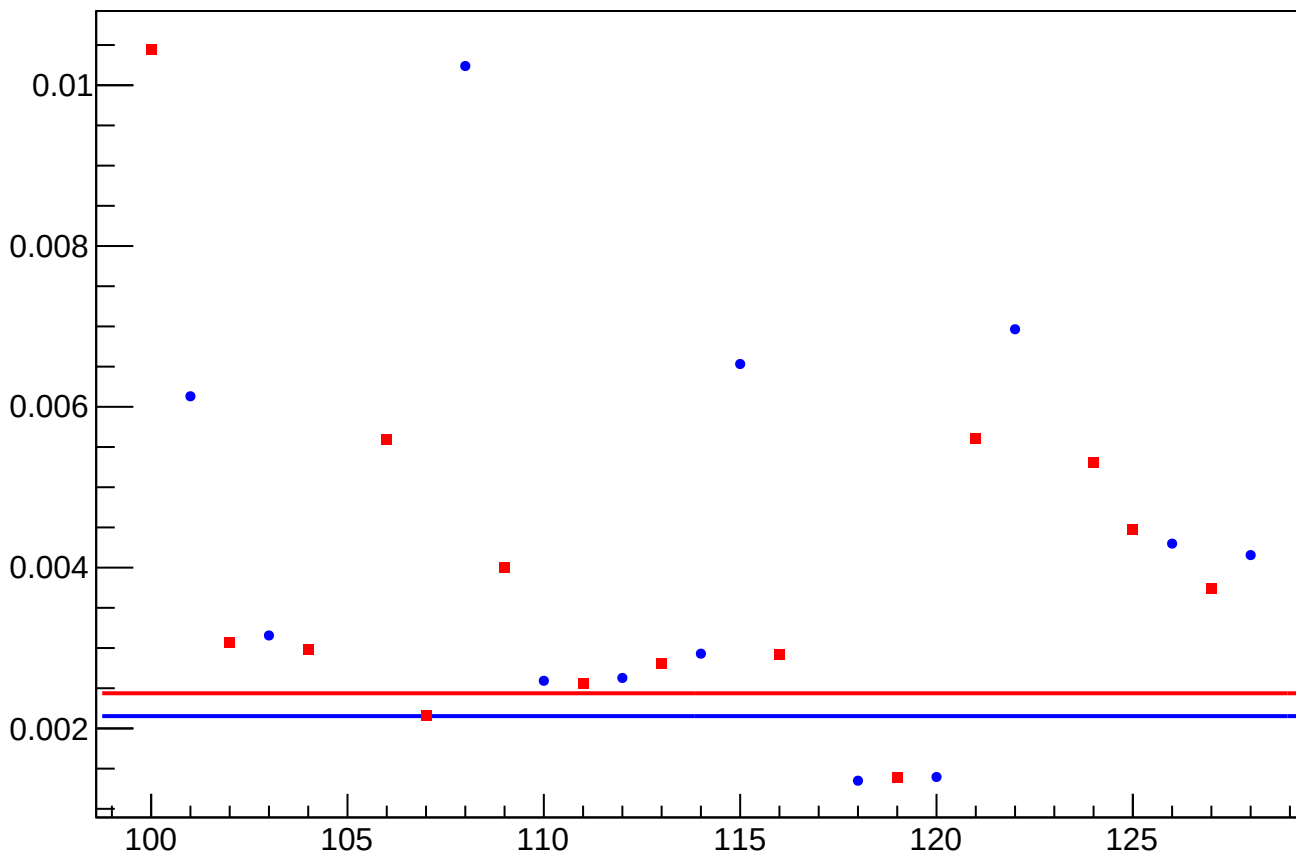
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.2/25

- 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 : 2646211.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1846032.4/13

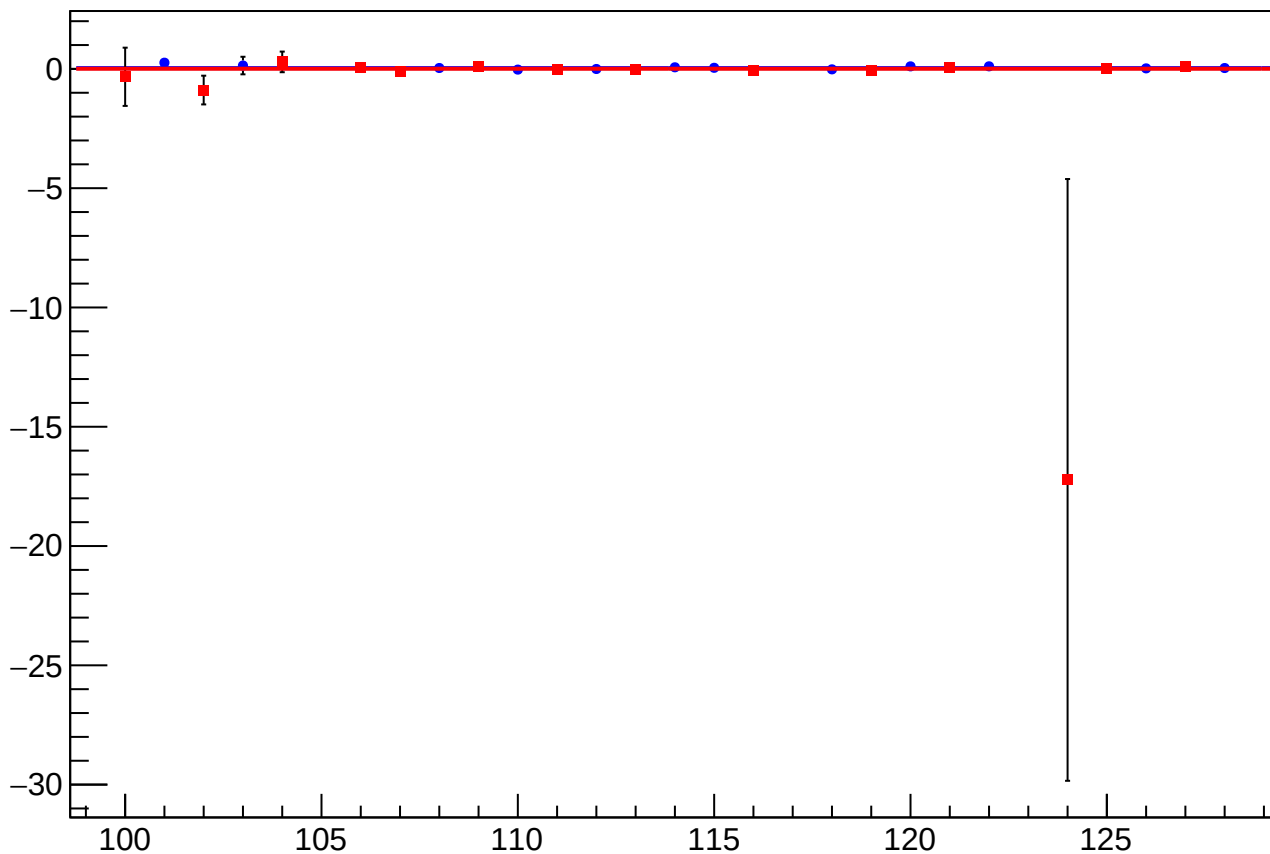
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4552792.7/25

- 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 $\pm$ 0.020 χ^2 /NDF: 8.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.020 χ^2 /NDF: 14.7/13

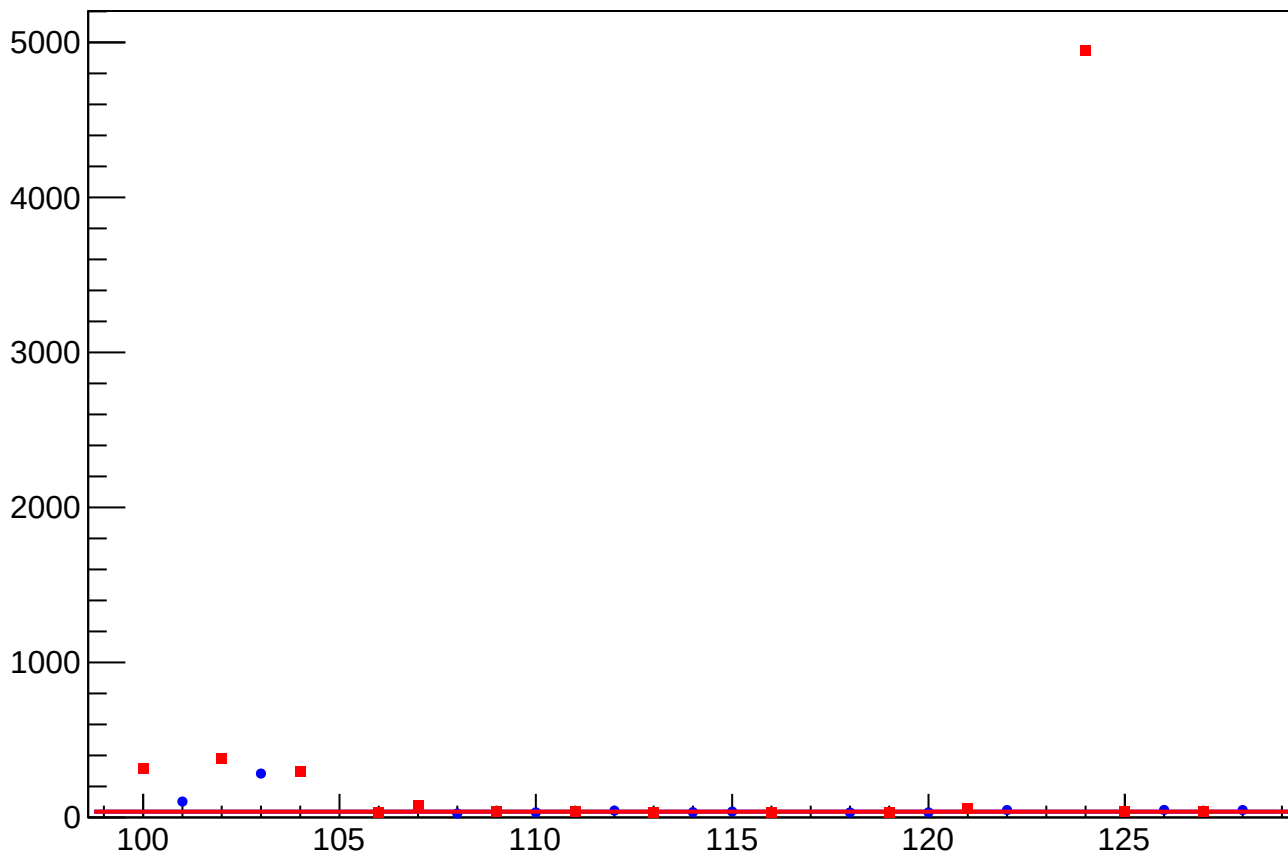
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

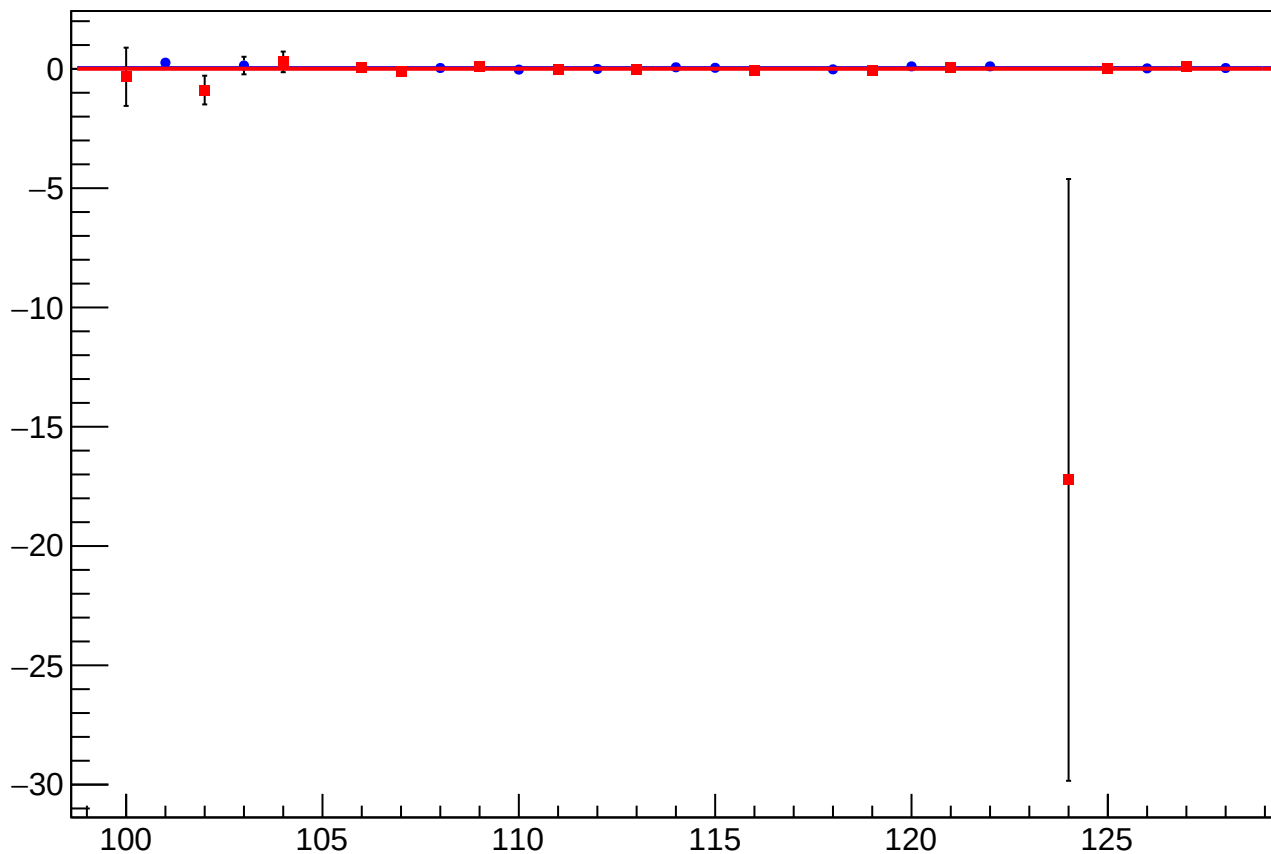
All: 0.020 $\pm$ 0.014 χ^2 /NDF: 23.9/25

- 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 $\pm$ 0.020 χ^2 /NDF: 8.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.020 χ^2 /NDF: 14.7/13

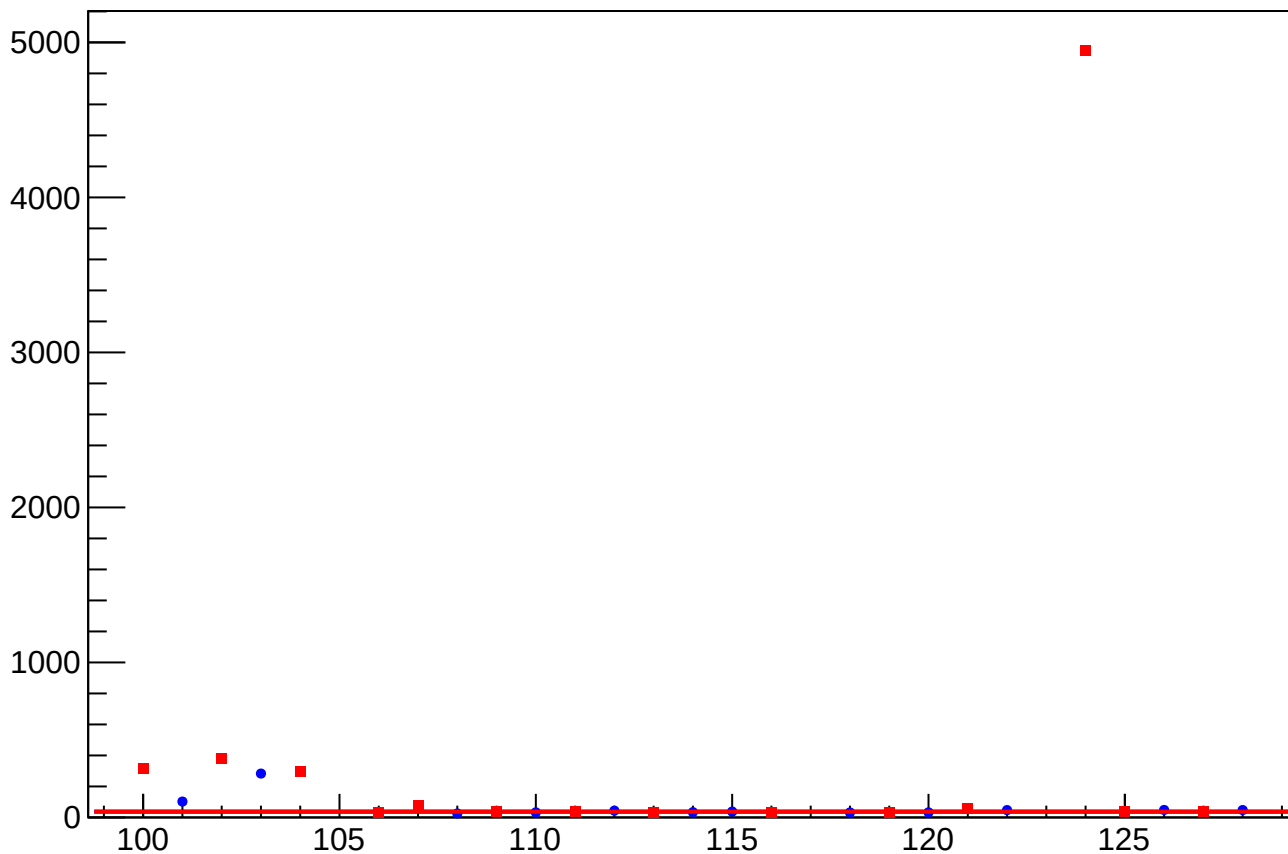
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.020 $\pm$ 0.014 χ^2 /NDF: 23.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 37.605 $\pm$ 0.014 χ^2 /NDF: 1677256.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 37.316 $\pm$ 0.014 χ^2 /NDF: 2060997.2/13

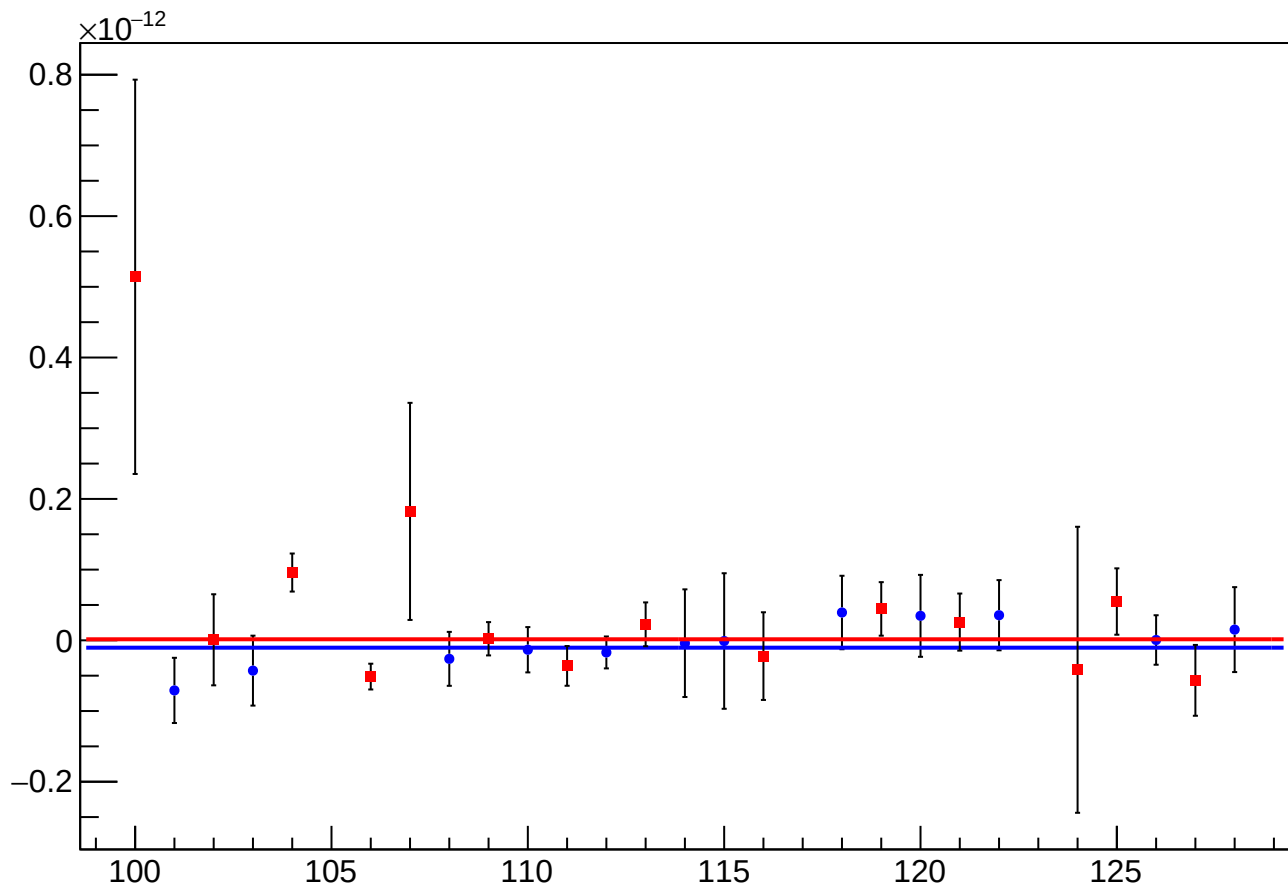
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.461 $\pm$ 0.010 χ^2 /NDF: 3738473.9/25

- 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+/-0.000 χ^2/NDF : 5.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 32.2/13

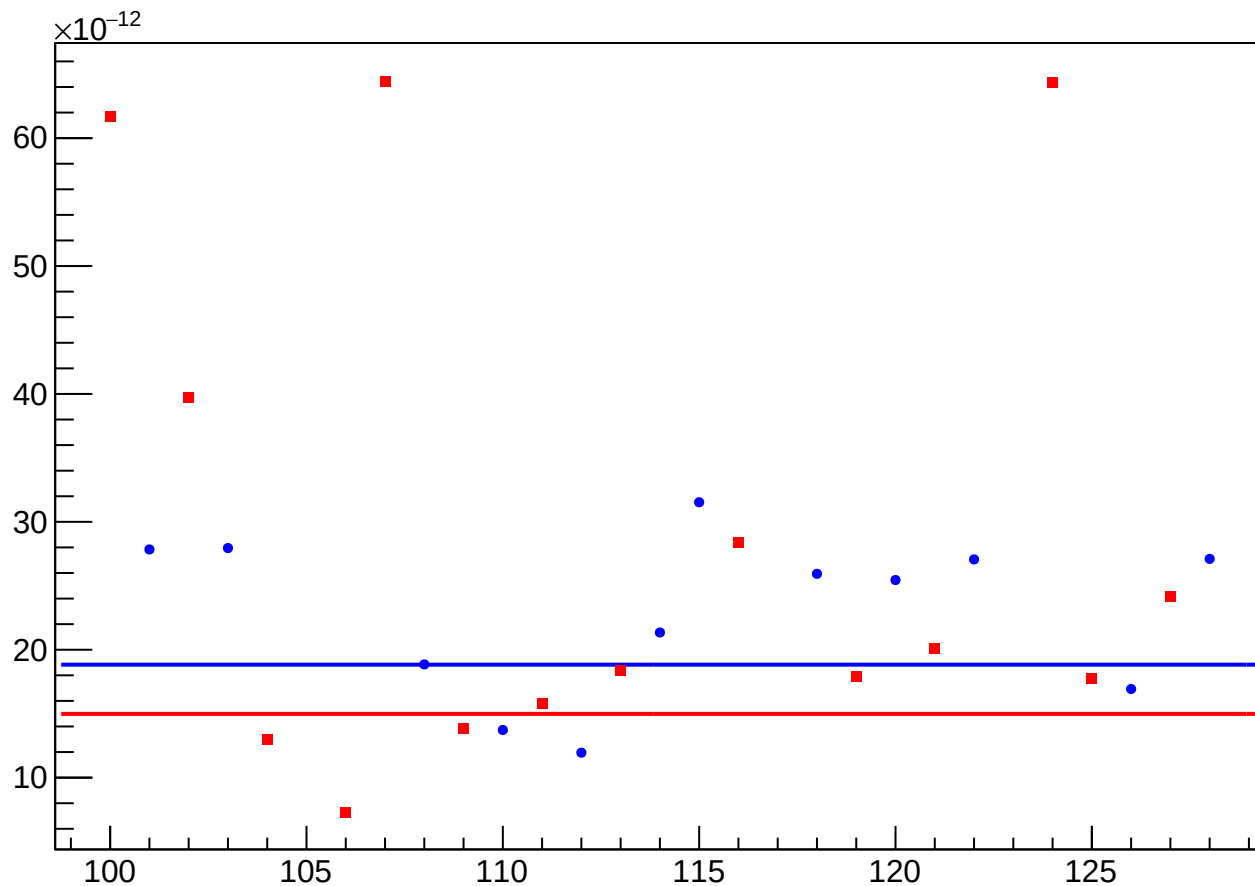
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 37.9/25

- sign 0.000+/-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 : 580325.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1290987.3/13

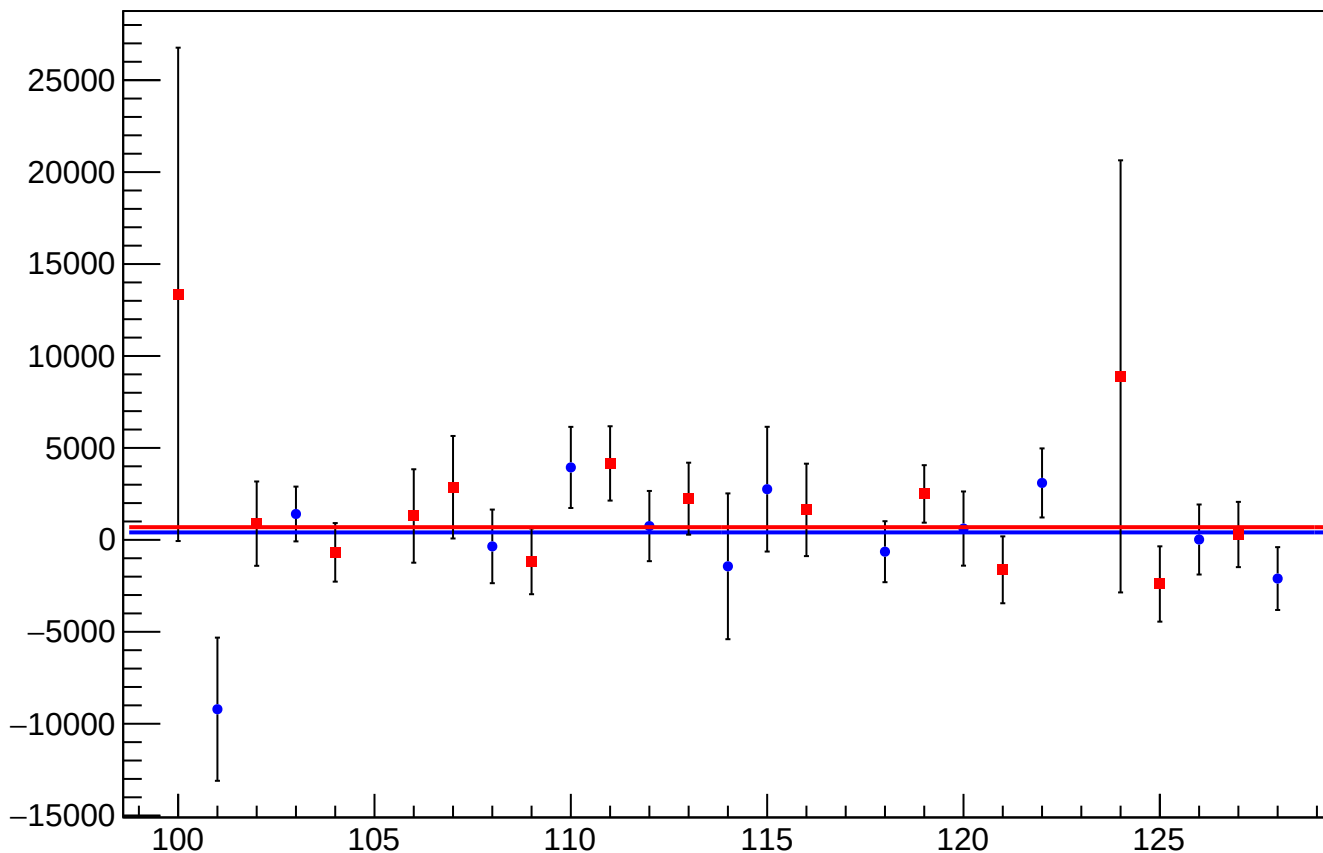
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1998535.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 406.296+/-586.424 χ^2/NDF : 14.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 690.040+/-565.806 χ^2/NDF : 12.9/13

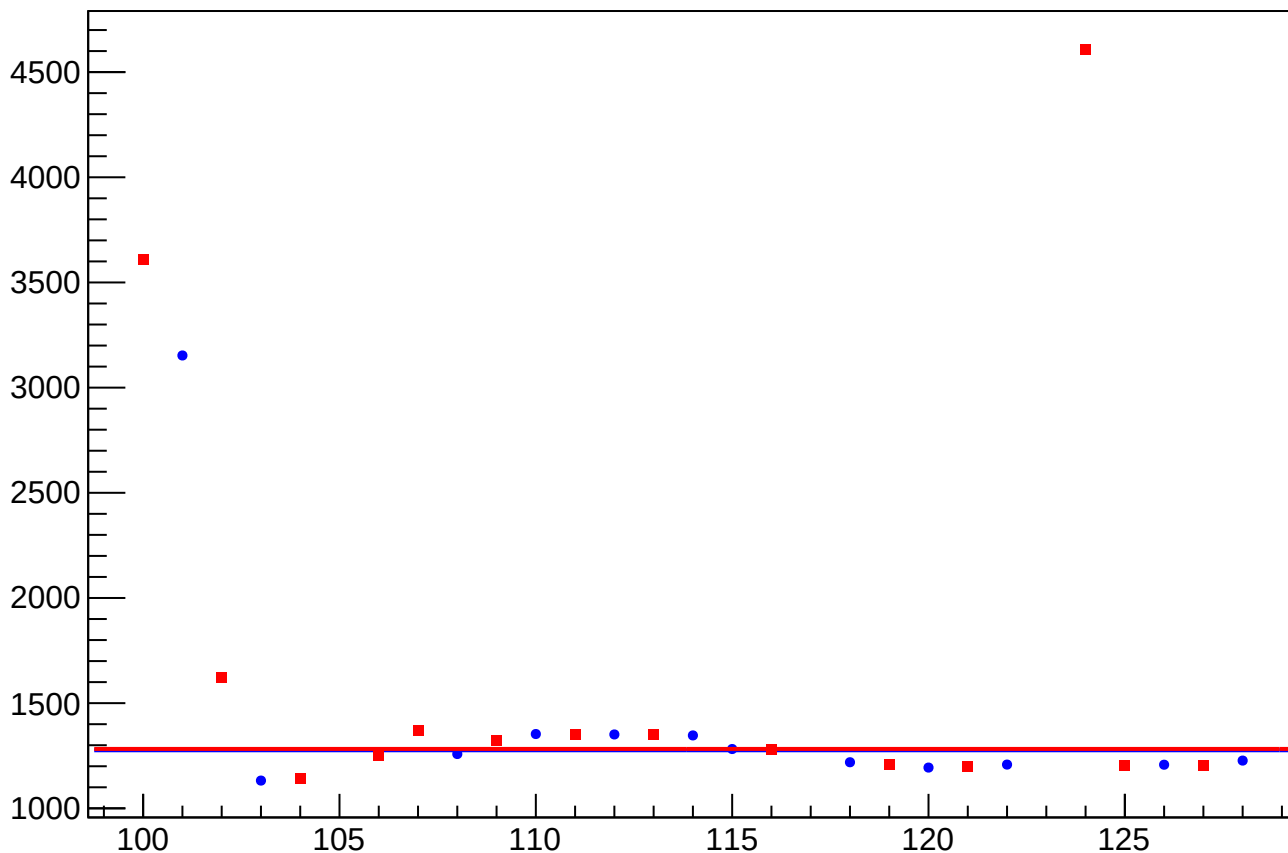
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 553.244+/-407.179 χ^2/NDF : 27.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1276.016+/-0.415 χ^2/NDF : 502463.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1282.424+/-0.400 χ^2/NDF : 304551.2/13

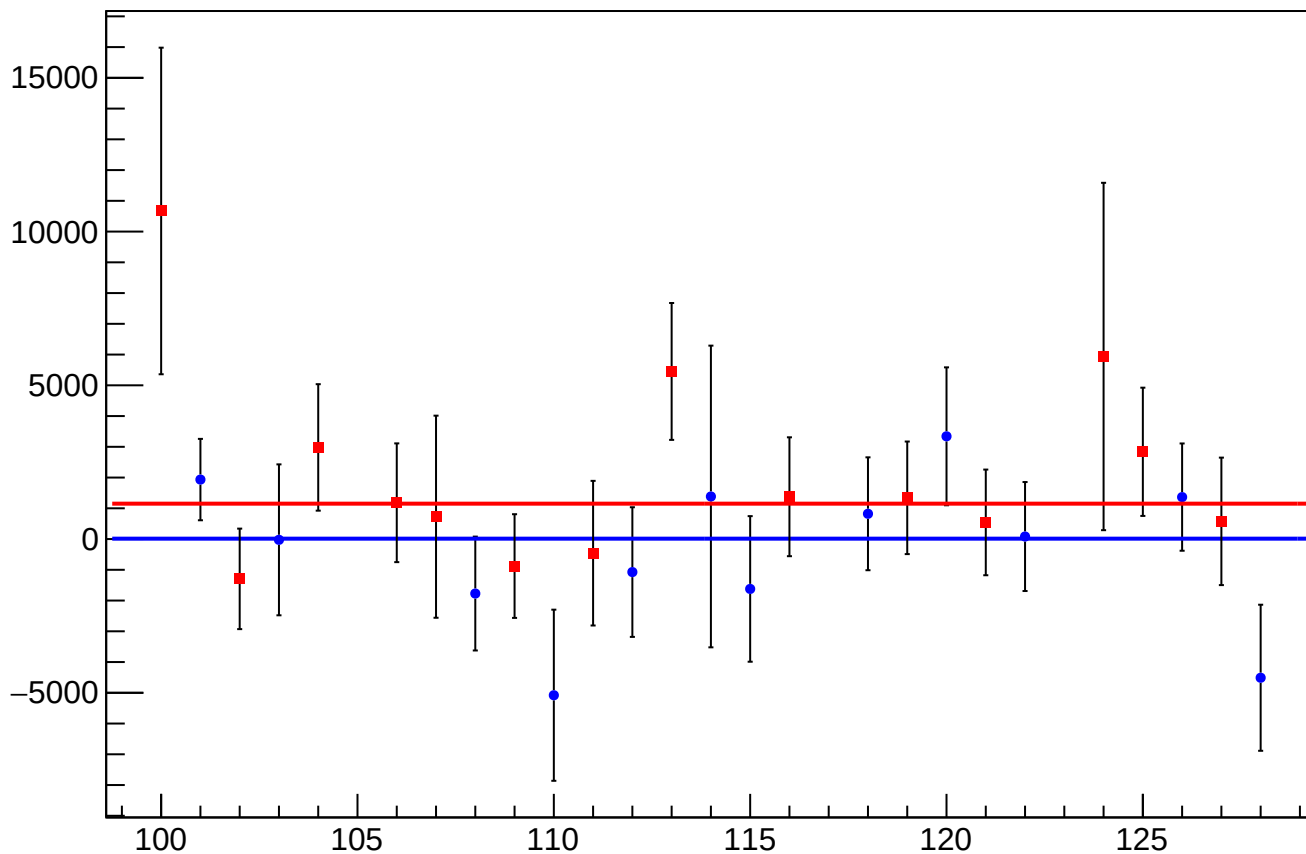
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1279.335+/-0.288 χ^2/NDF : 807138.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_reg_correction_mean vs Slug



Right In: 12.671+/-584.960 χ^2/NDF : 13.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1151.046+/-564.341 χ^2/NDF : 13.5/13

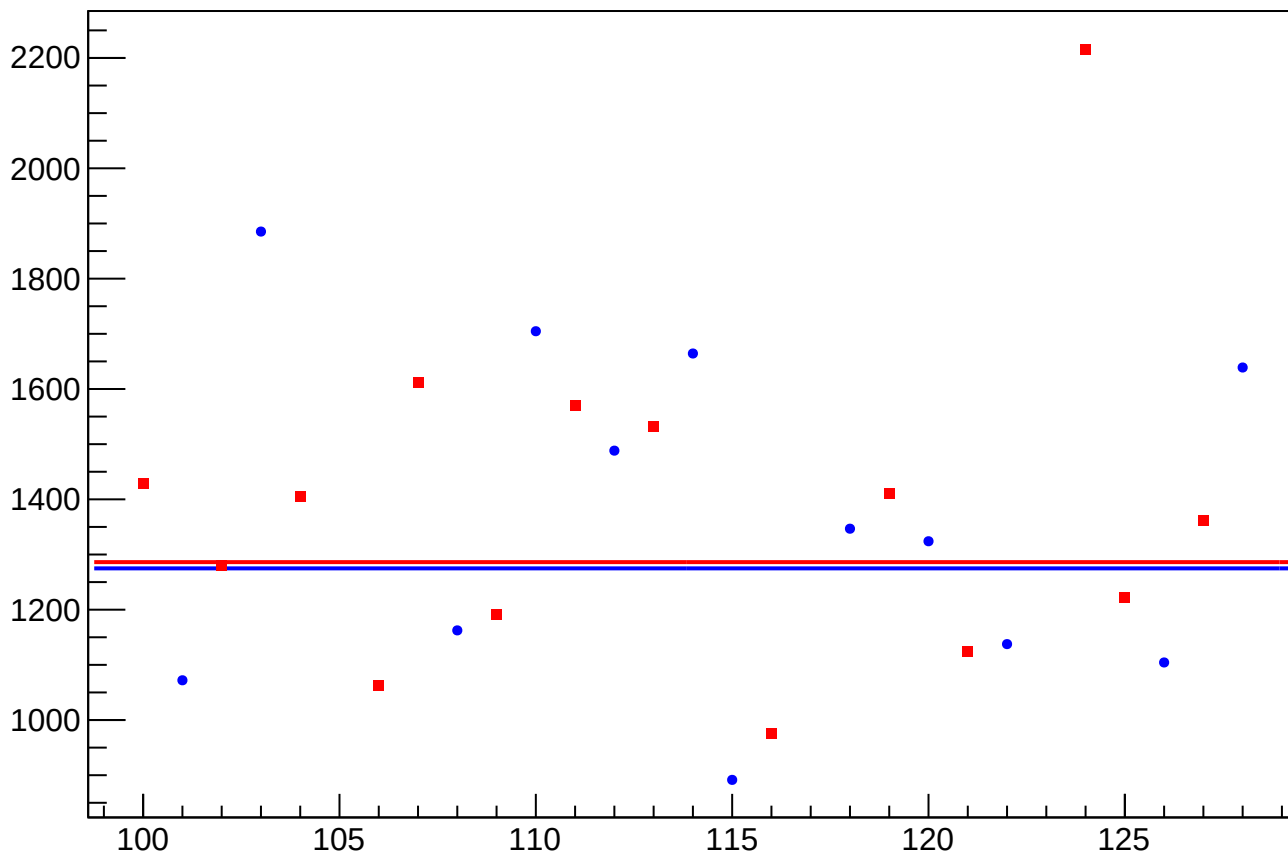
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 602.275+/-406.143 χ^2/NDF : 29.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_reg_correction_rms vs Slug



Right In: 1274.867+/-0.414 χ^2/NDF : 393430.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1286.199+/-0.399 χ^2/NDF : 251765.9/13

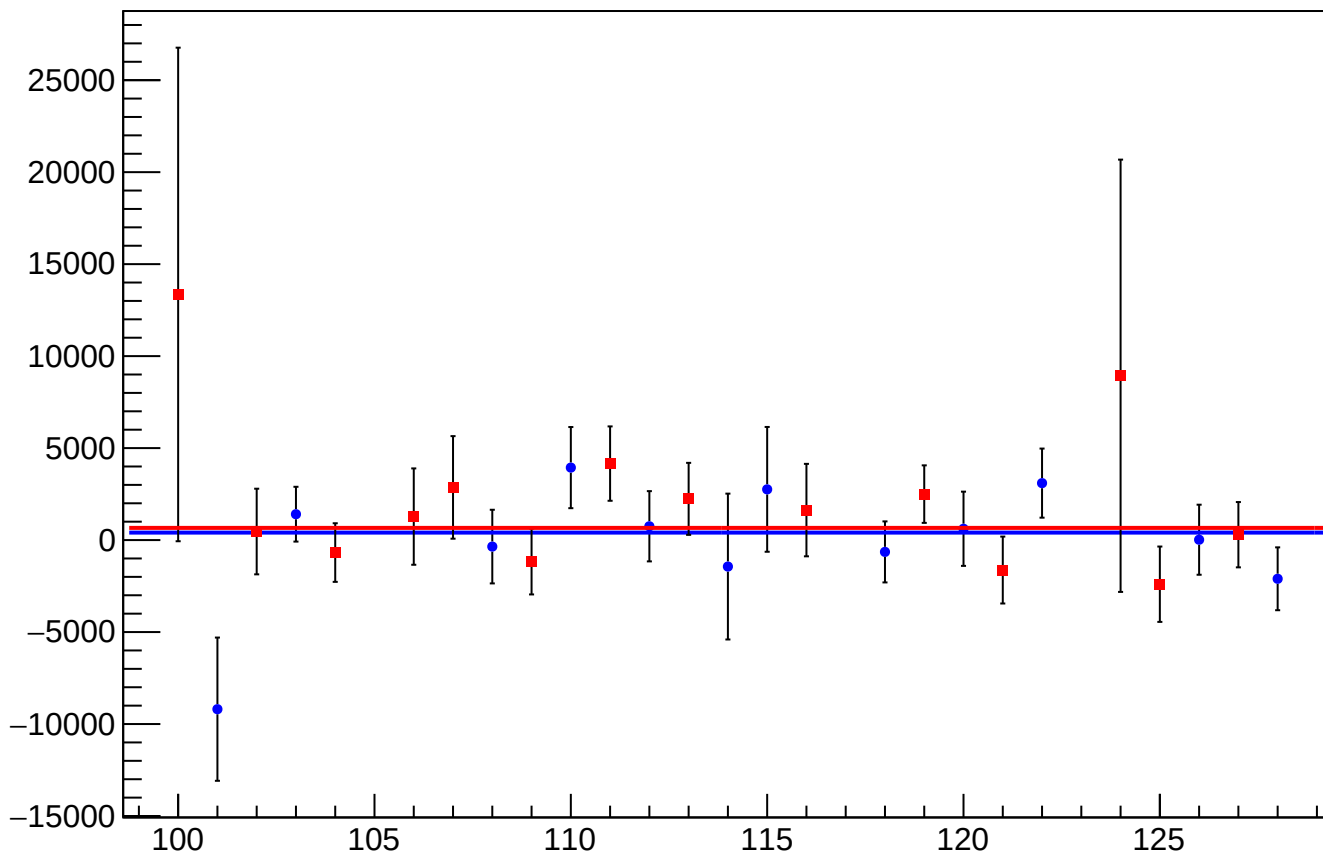
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1280.736+/-0.287 χ^2/NDF : 645584.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 406.690+/-586.424 χ^2/NDF : 14.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 662.440+/-567.142 χ^2/NDF : 12.9/13

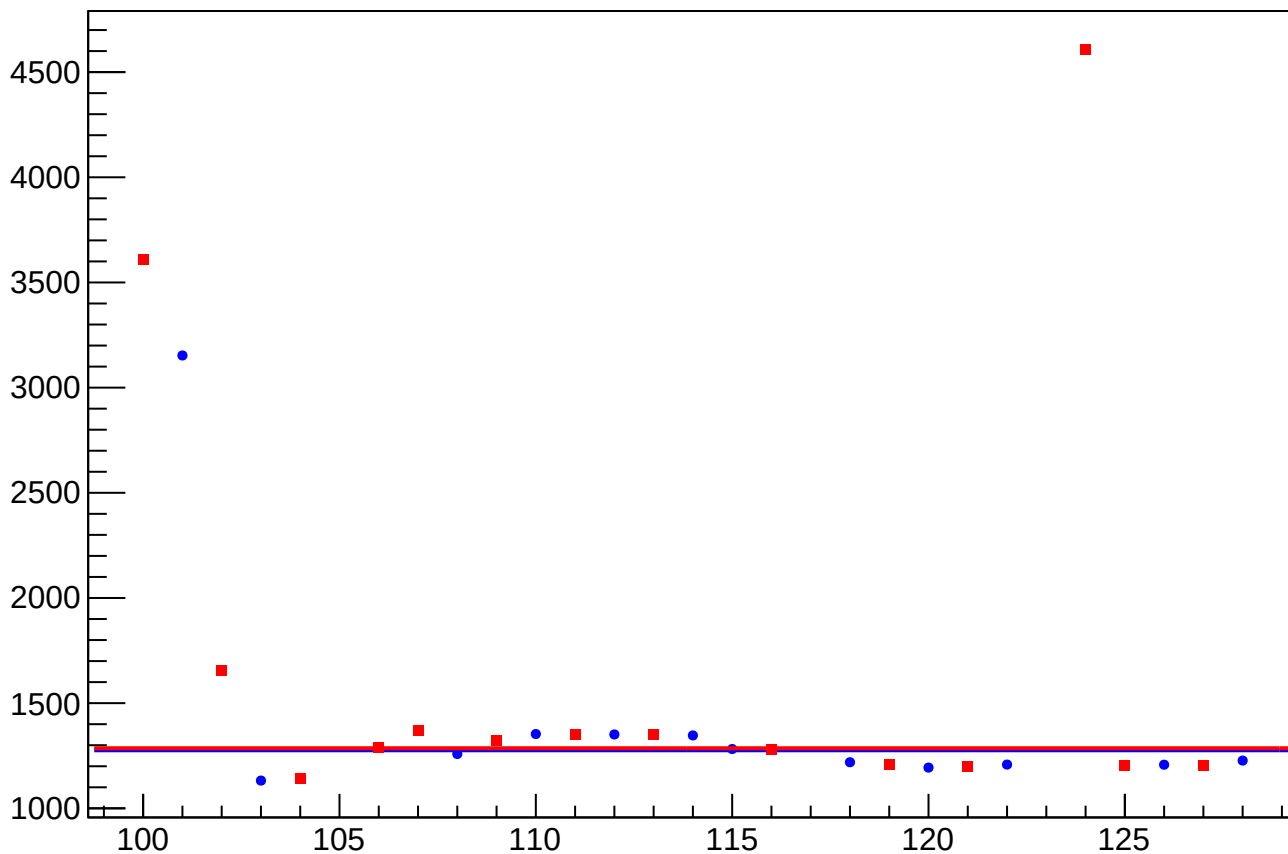
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 538.838+/-407.676 χ^2/NDF : 27.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1276.016+/-0.415 χ^2/NDF : 502464.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.603+/-0.401 χ^2/NDF : 311187.6/13

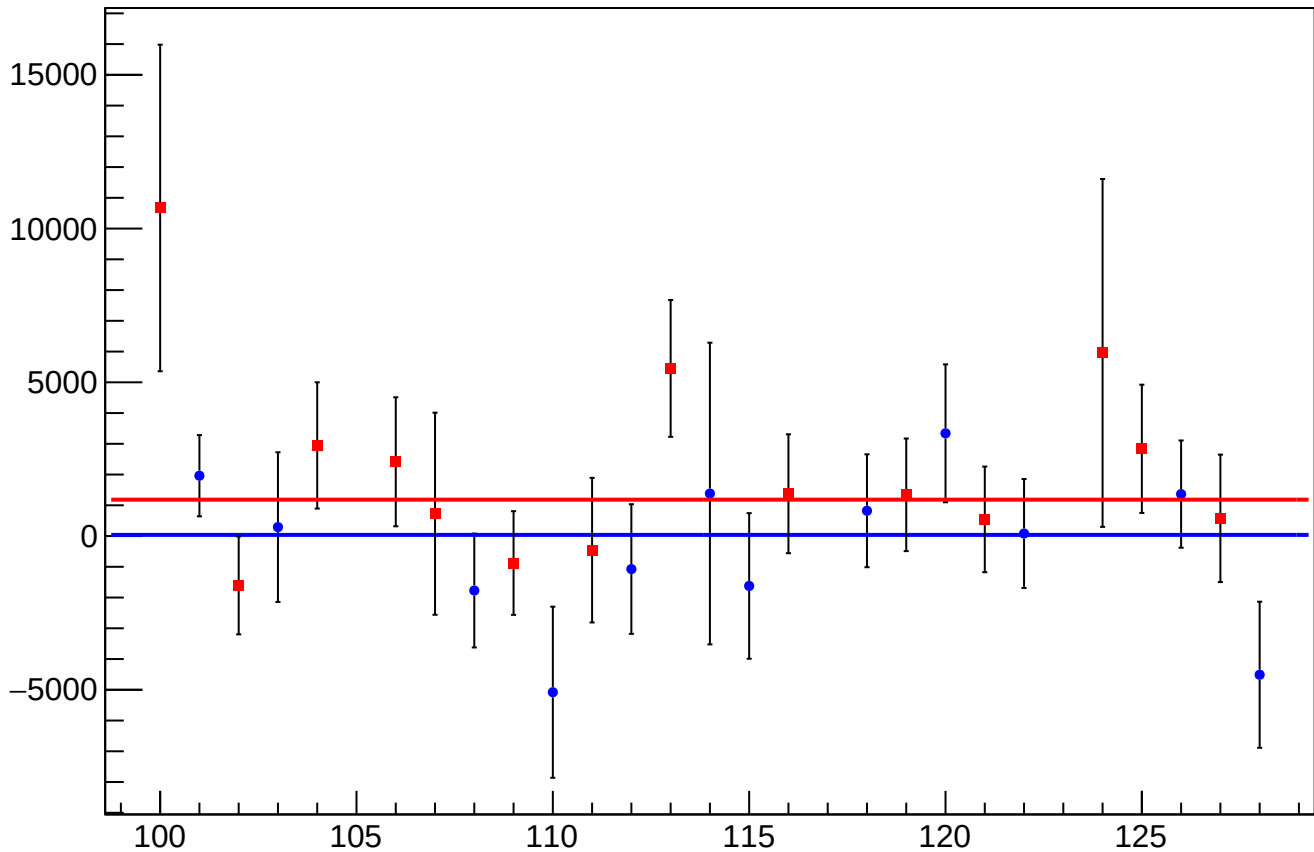
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1280.969+/-0.288 χ^2/NDF : 813928.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_cor_correction_mean vs Slug



Right In: 37.407+/-584.503 χ^2/NDF : 13.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1183.716+/-566.151 χ^2/NDF : 14.6/13

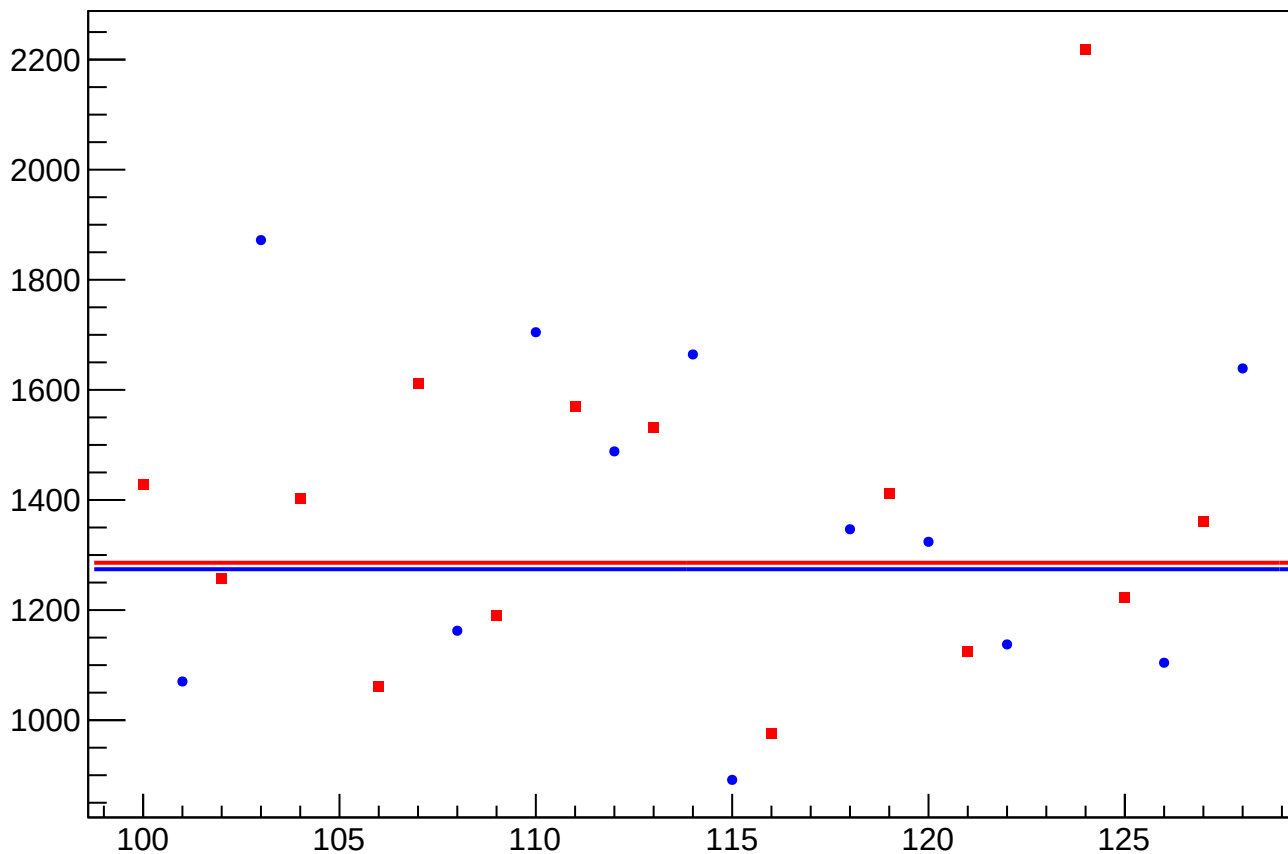
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 628.839+/-406.663 χ^2/NDF : 30.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_cor_correction_rms vs Slug



Right In: 1274.208+/-0.413 χ^2/NDF : 391084.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.977+/-0.400 χ^2/NDF : 248855.1/13

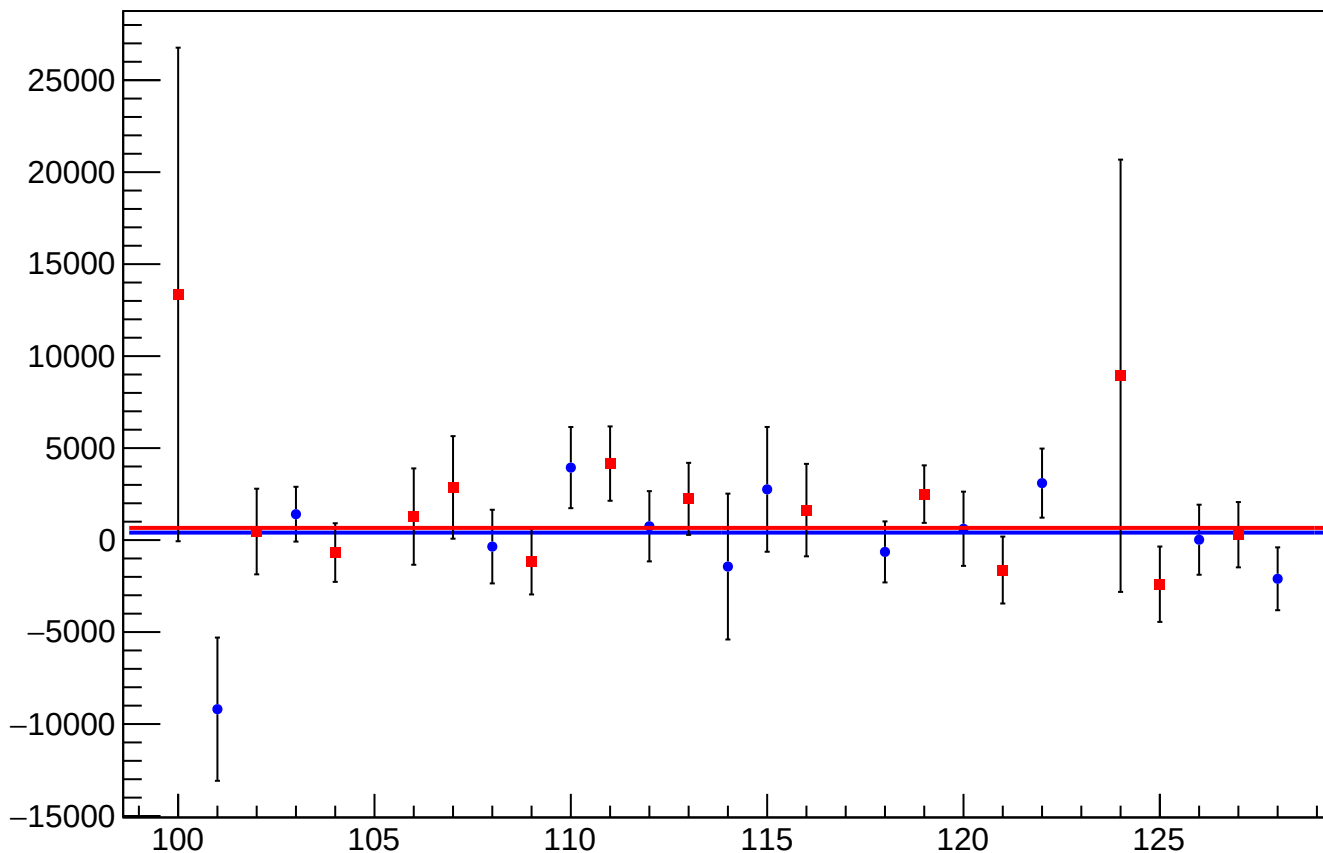
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1280.280+/-0.288 χ^2/NDF : 640358.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 406.690+/-586.424 χ^2/NDF : 14.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 662.440+/-567.142 χ^2/NDF : 12.9/13

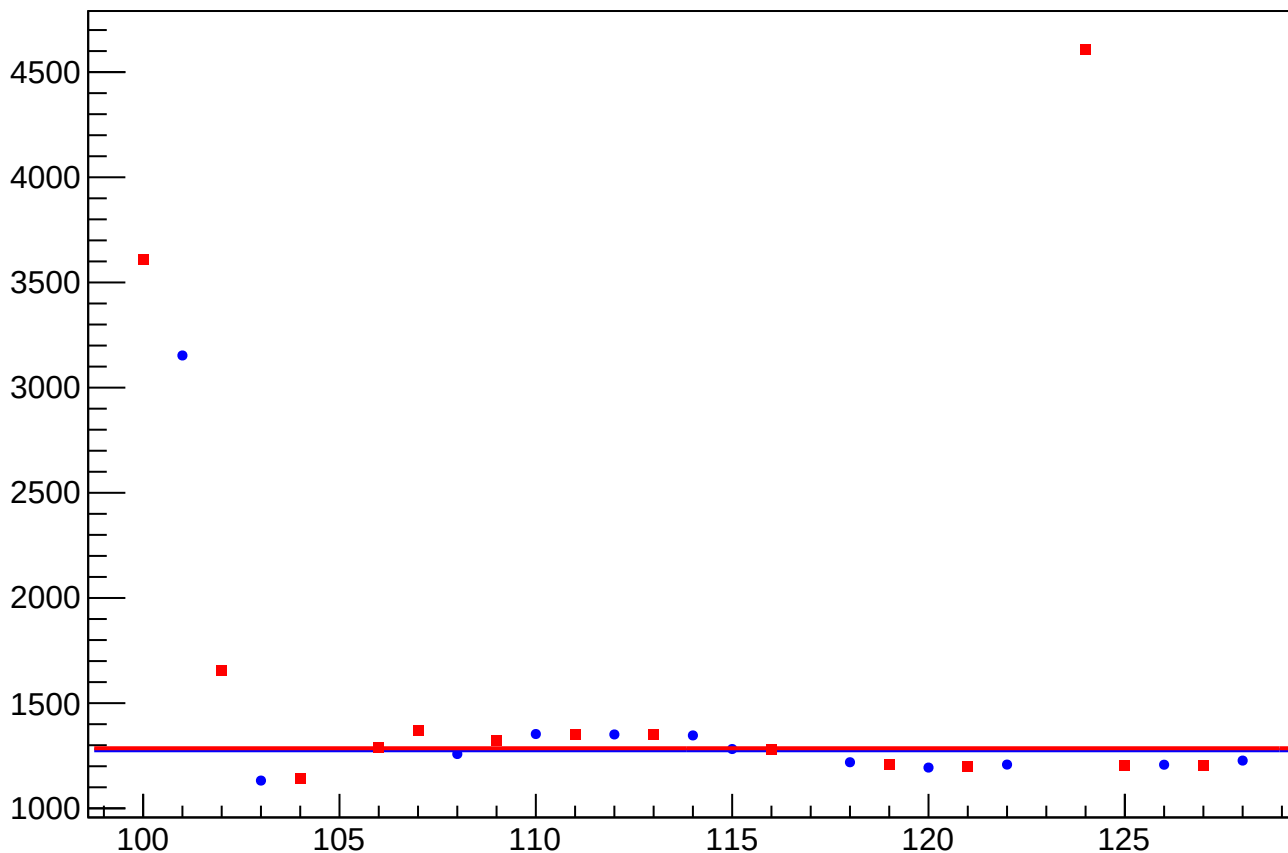
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 538.838+/-407.676 χ^2/NDF : 27.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1276.016+/-0.415 χ^2/NDF : 502464.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.603+/-0.401 χ^2/NDF : 311187.6/13

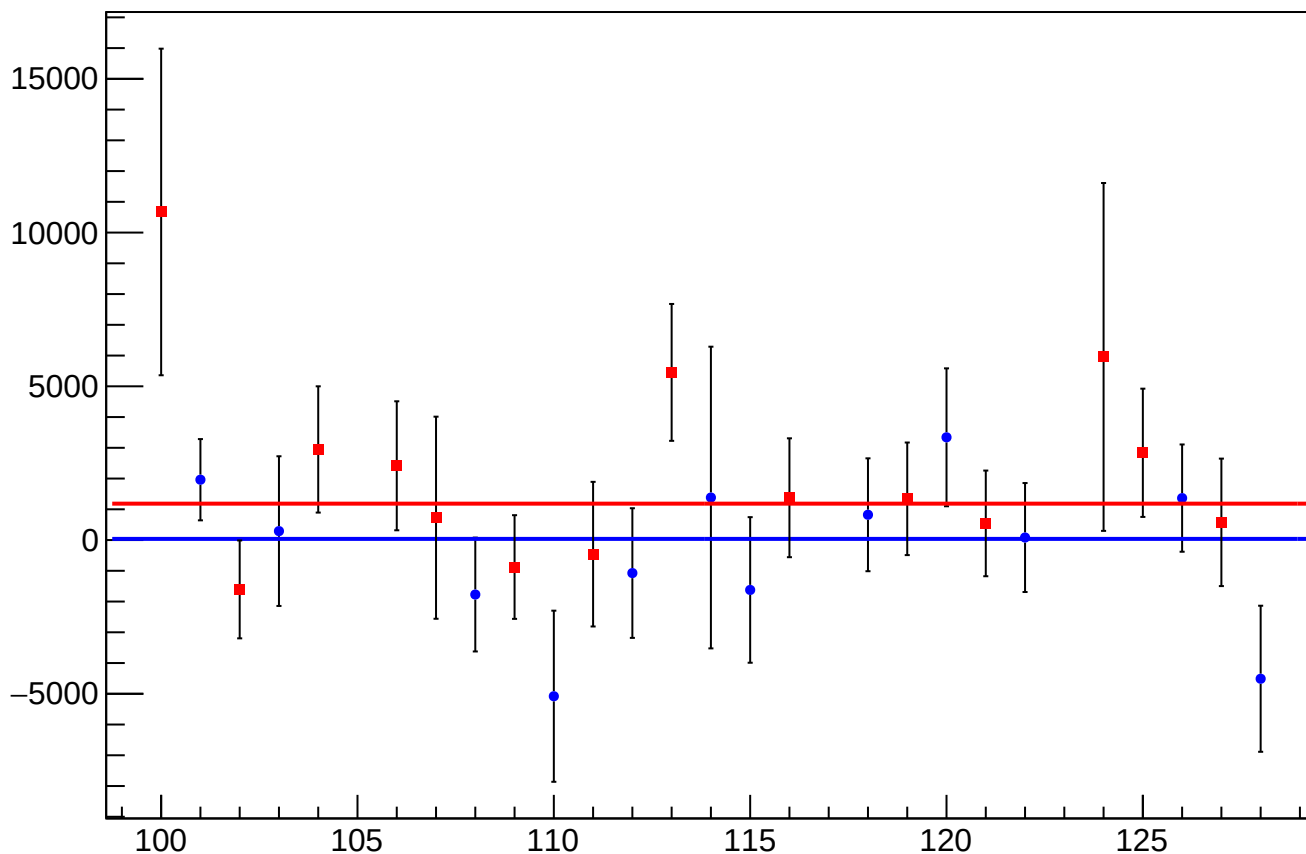
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1280.969+/-0.288 χ^2/NDF : 813928.5/25

- 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: 37.407+/-584.503 χ^2/NDF : 13.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1183.716+/-566.151 χ^2/NDF : 14.6/13

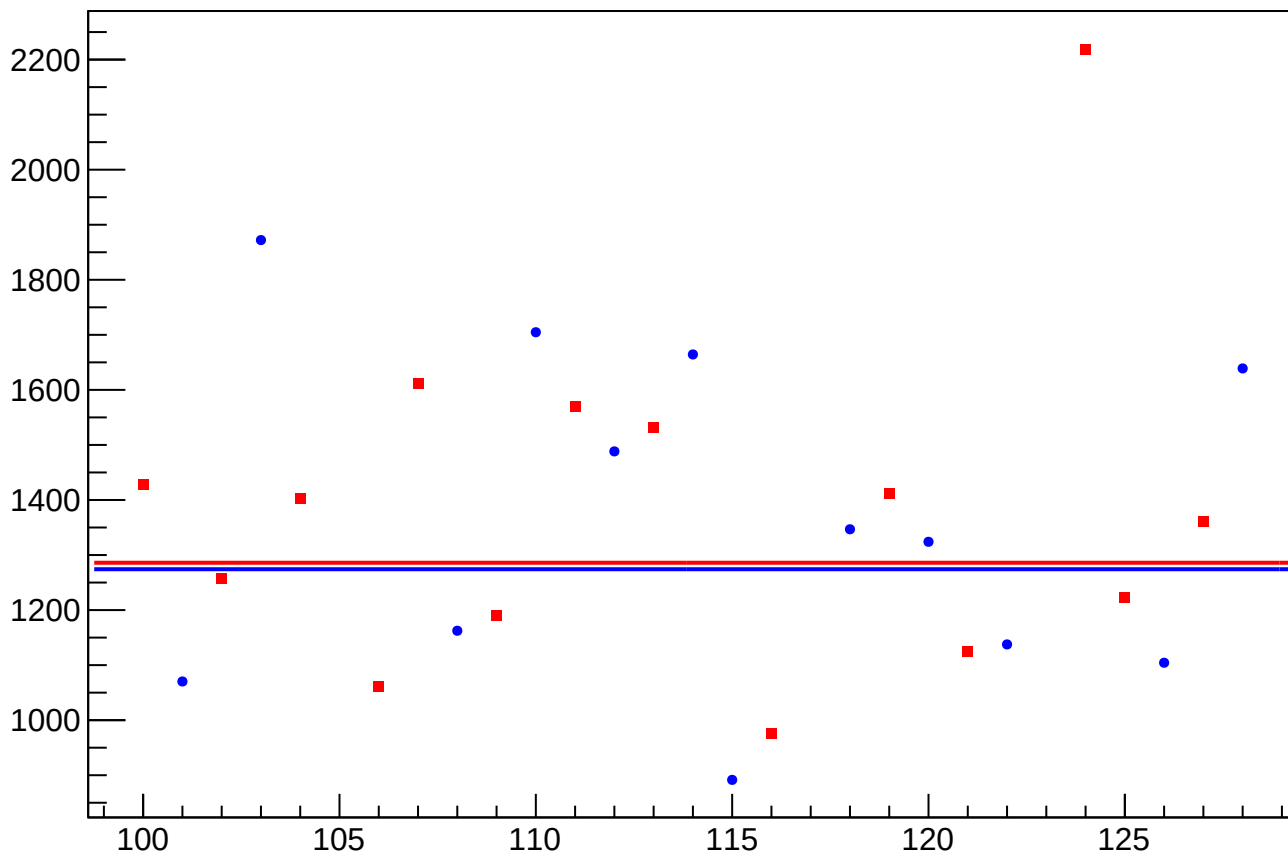
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 628.839+/-406.663 χ^2/NDF : 30.5/25

- 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: 1274.208 $\pm$ 0.413 χ^2 /NDF: 391084.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

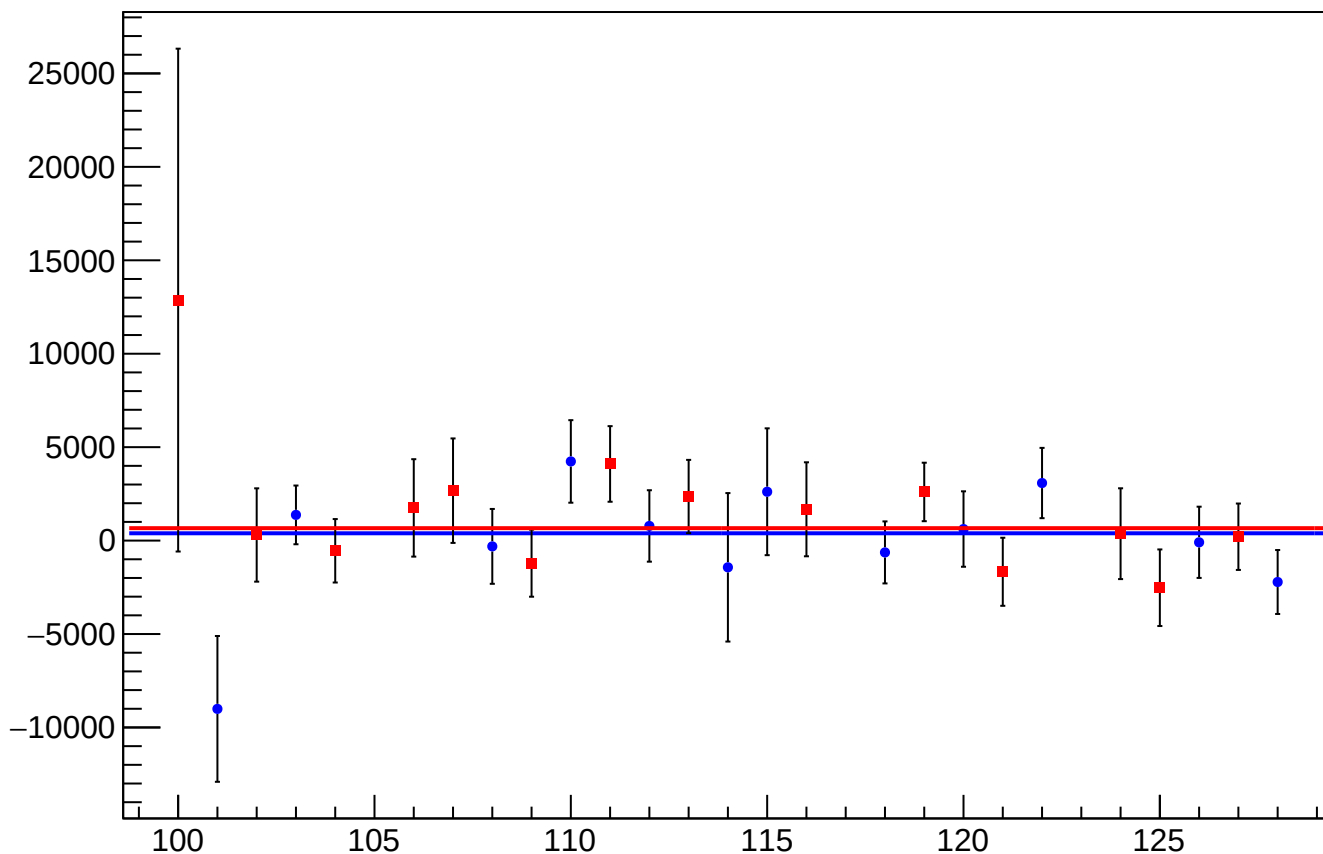
Right Out: 1285.977 $\pm$ 0.400 χ^2 /NDF: 248855.1/13

All: 1280.280 $\pm$ 0.288 χ^2 /NDF: 640358.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 391.442+/-591.621 χ^2/NDF : 14.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 664.653+/-559.455 χ^2/NDF : 12.6/13

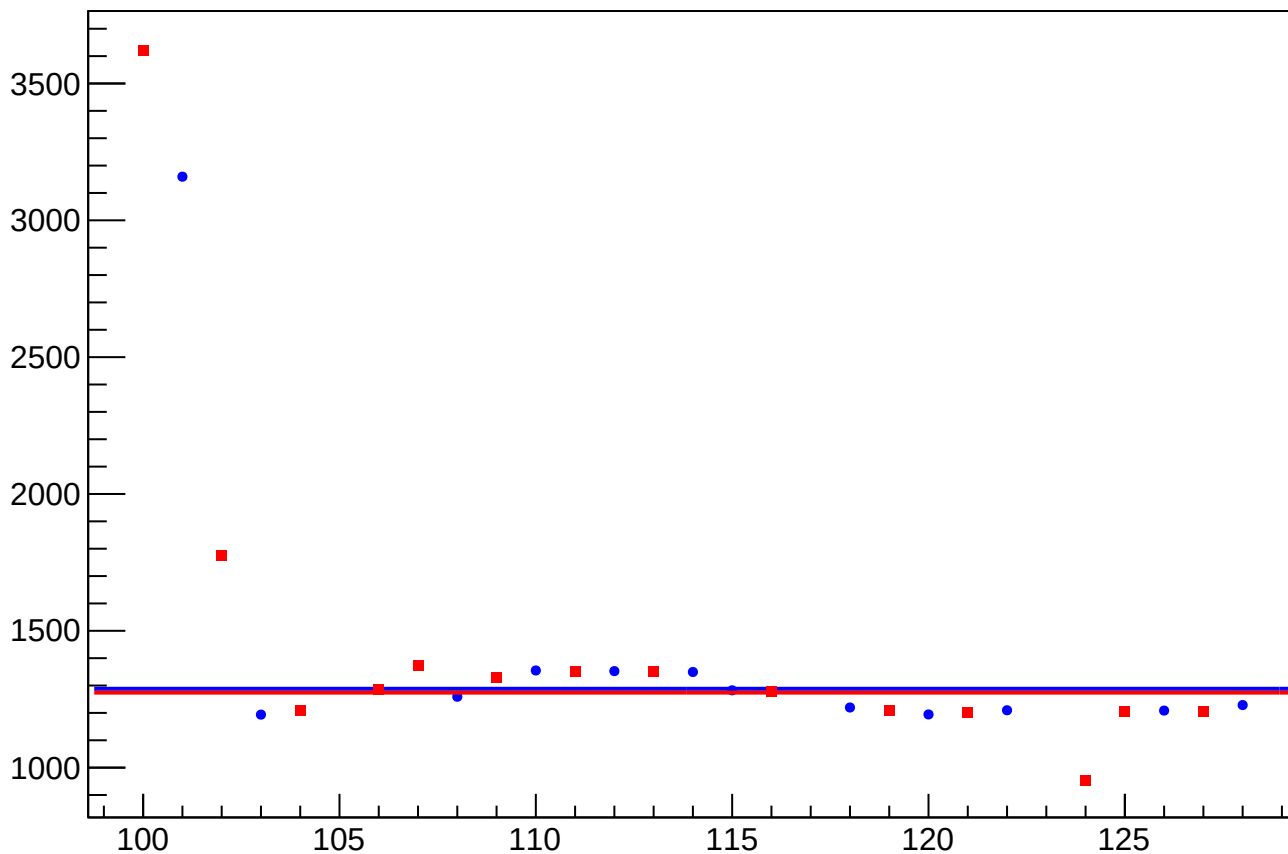
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 535.677+/-406.490 χ^2/NDF : 27.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1288.143+/-0.418 χ^2/NDF : 489494.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1274.183+/-0.396 χ^2/NDF : 202239.0/13

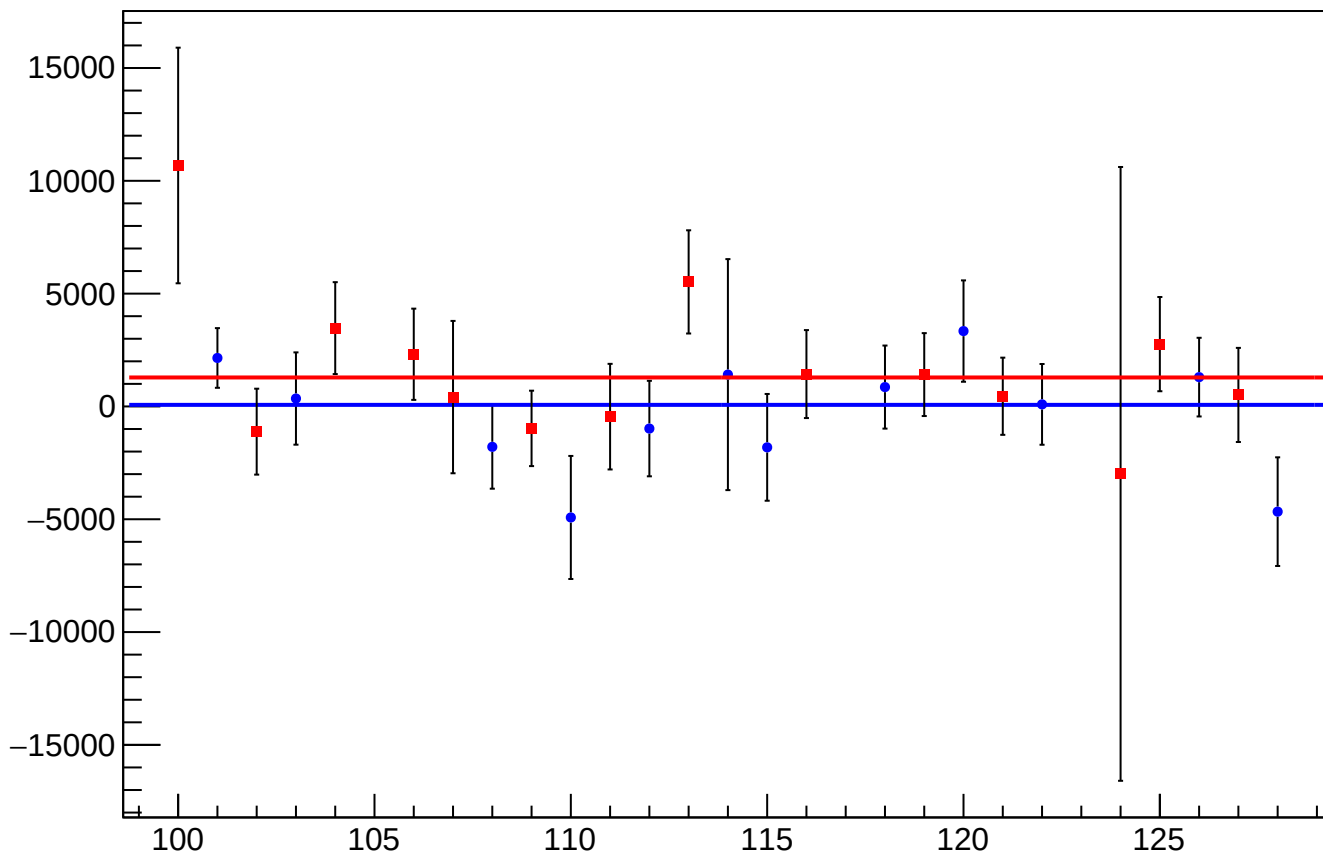
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1280.773+/-0.287 χ^2/NDF : 692321.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_dit_correction_mean vs Slug



Right In: 69.773+/-578.983 χ^2/NDF : 14.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.181+/-578.937 χ^2/NDF : 13.1/13

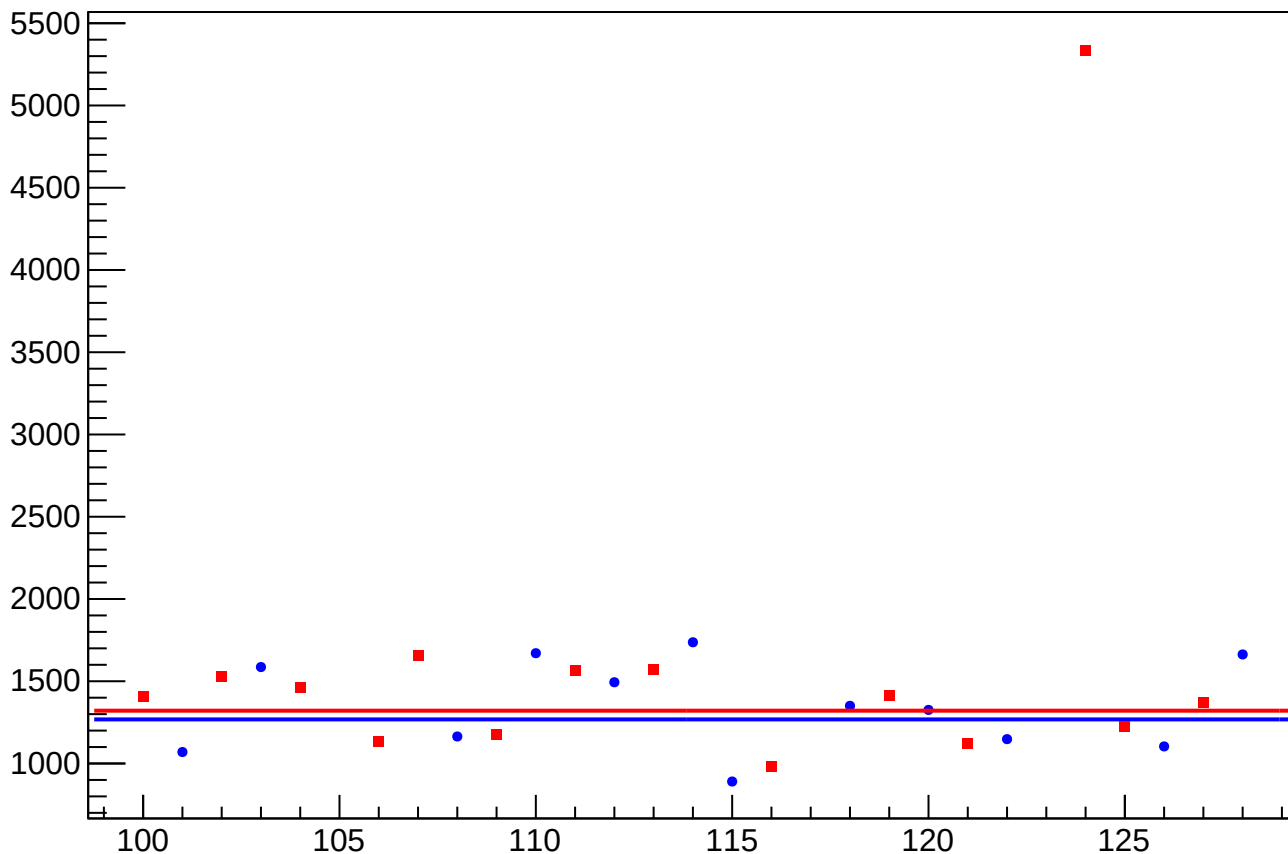
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 677.025+/-409.387 χ^2/NDF : 29.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_dit_correction_rms vs Slug



Right In: 1267.987+/-0.409 χ^2/NDF : 319584.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1321.100+/-0.409 χ^2/NDF : 405068.7/13

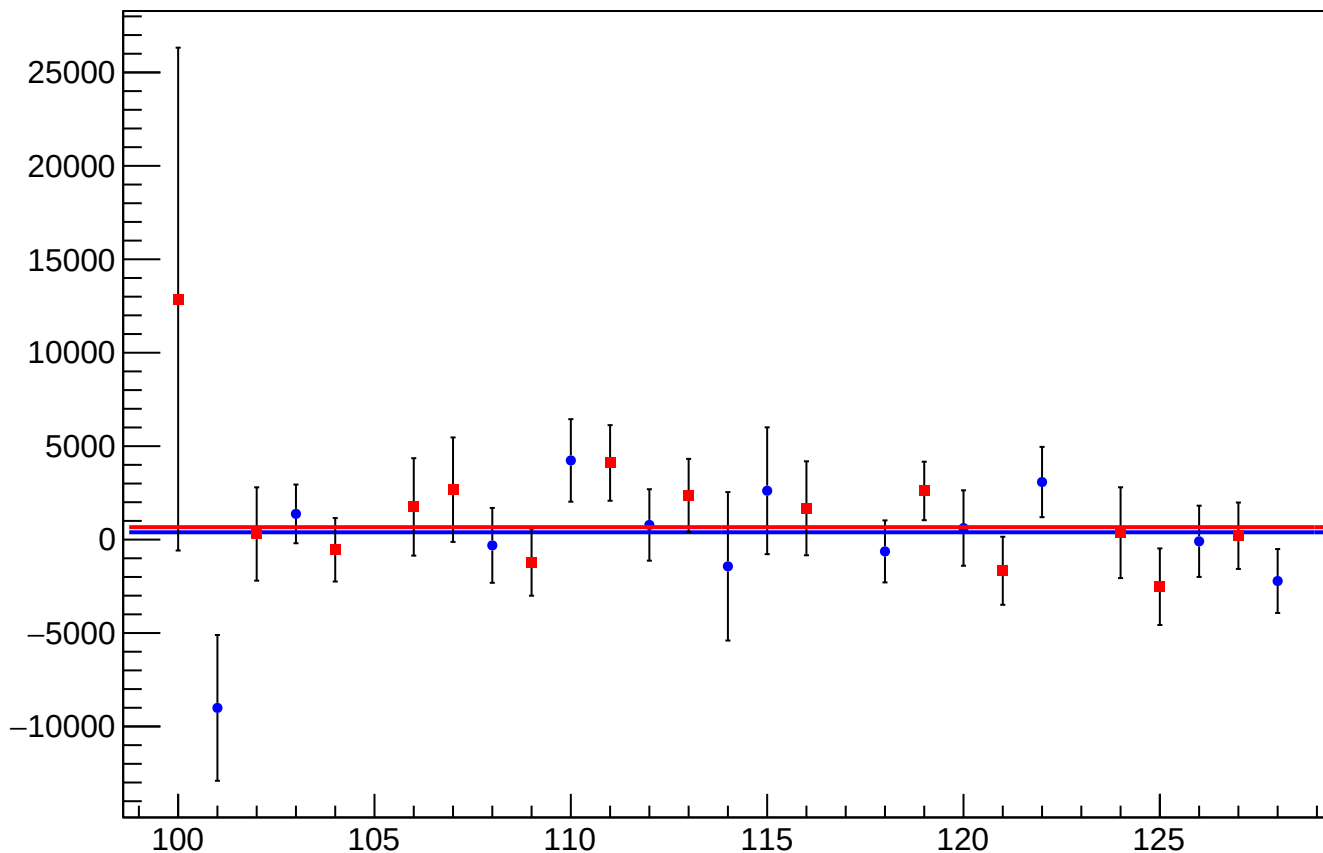
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1294.546+/-0.289 χ^2/NDF : 733069.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 391.441+/-591.621 χ^2/NDF : 14.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 664.655+/-559.455 χ^2/NDF : 12.6/13

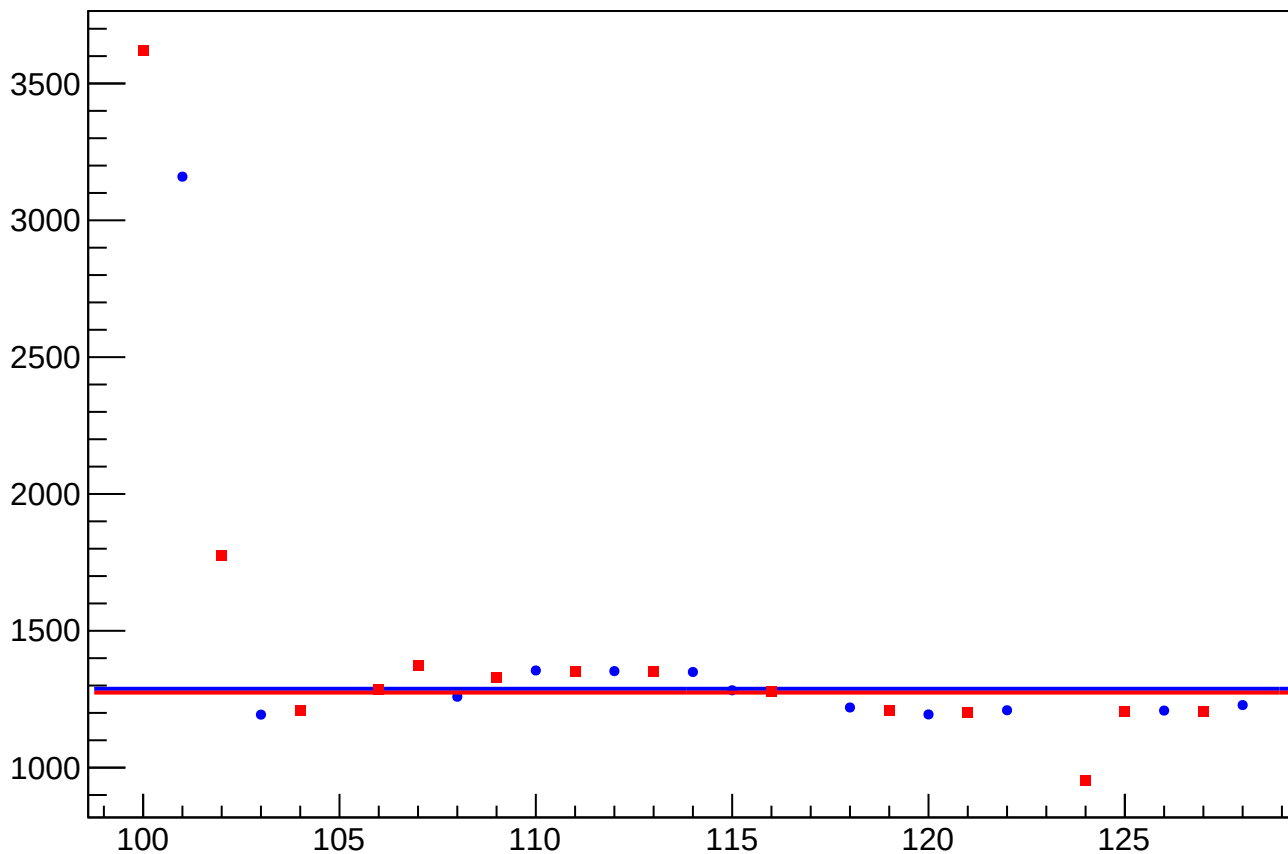
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 535.677+/-406.490 χ^2/NDF : 27.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1288.143+/-0.418 χ^2/NDF : 489494.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1274.183+/-0.396 χ^2/NDF : 202238.9/13

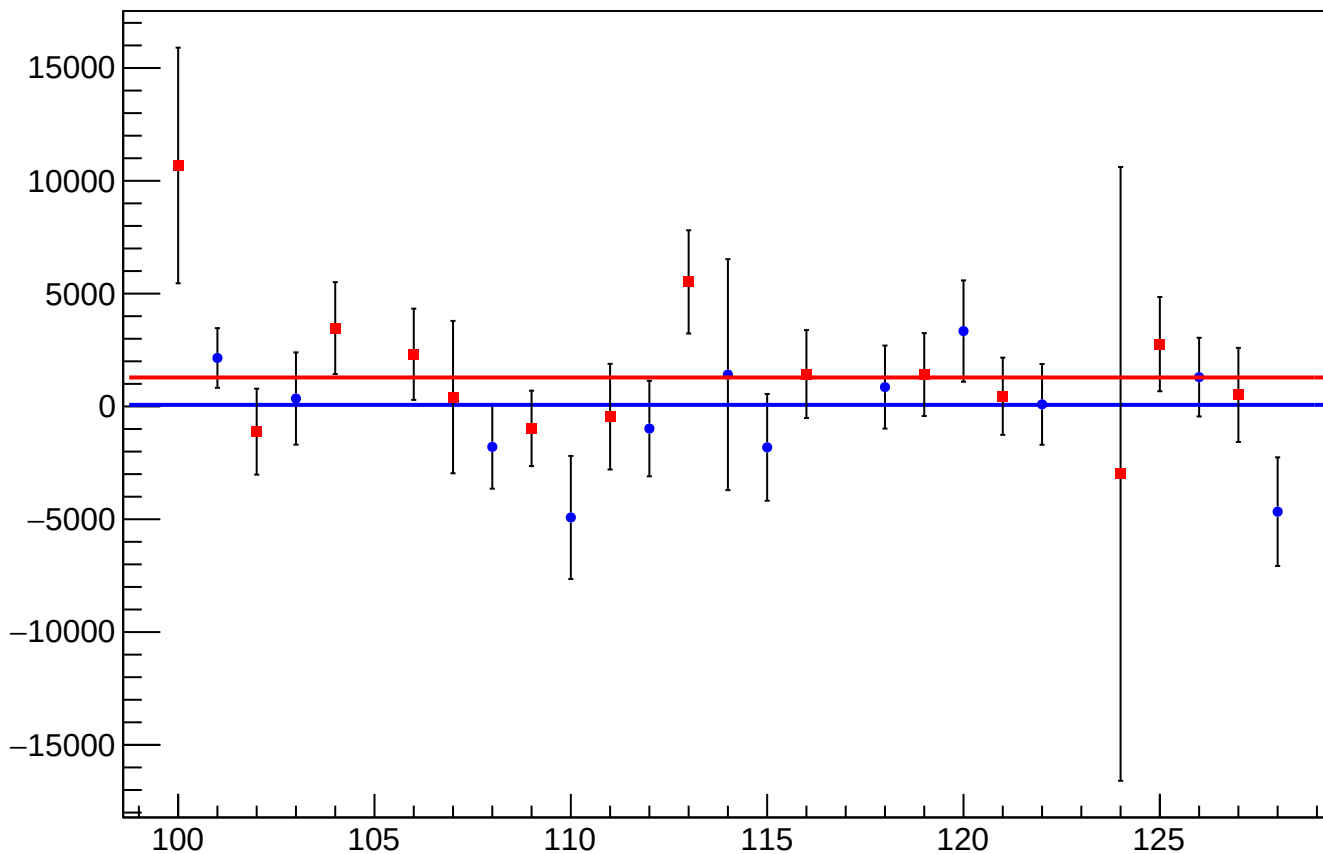
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1280.773+/-0.287 χ^2/NDF : 692321.6/25

- 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: 69.772+/-578.981 χ^2/NDF : 14.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.182+/-578.937 χ^2/NDF : 13.1/13

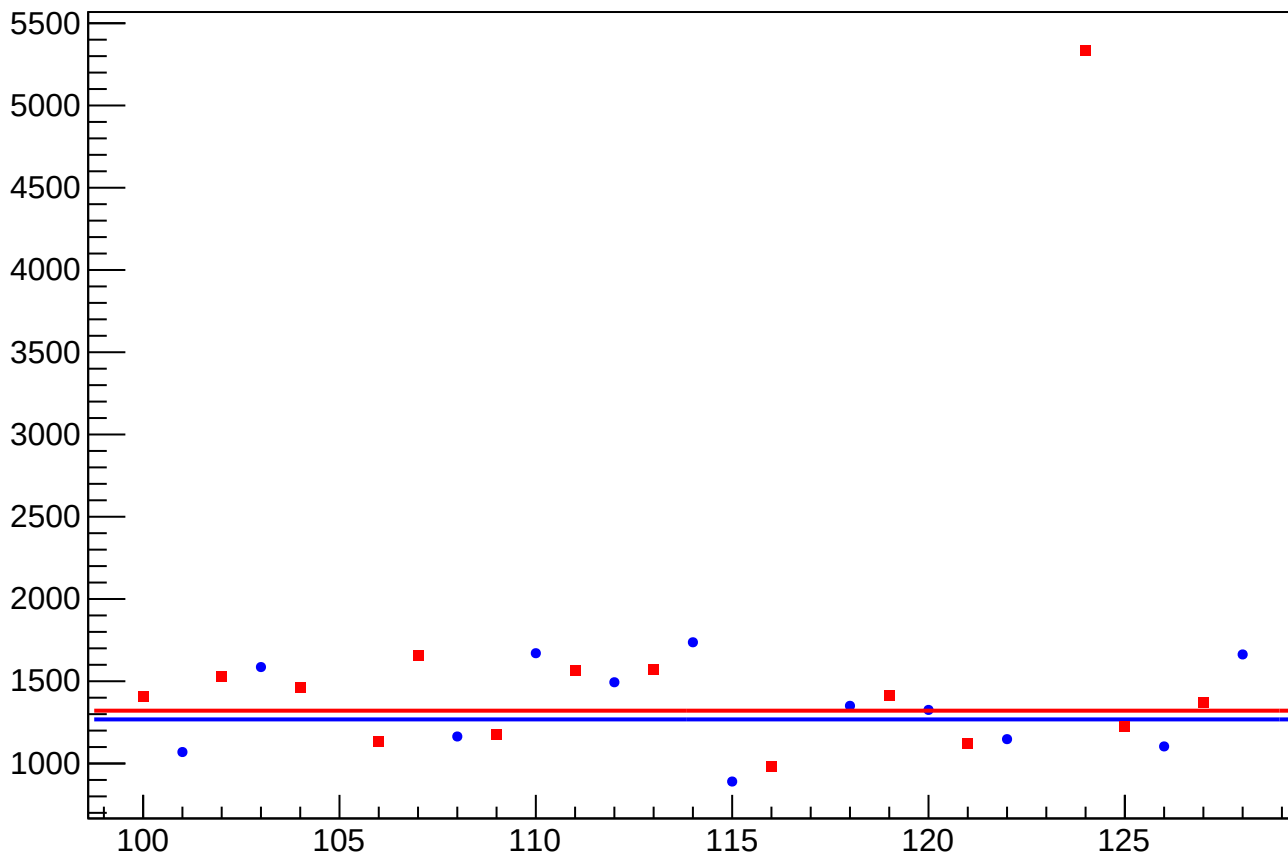
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 677.024+/-409.386 χ^2/NDF : 29.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 1267.983+/-0.409 χ^2/NDF : 319590.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1321.099+/-0.409 χ^2/NDF : 405069.9/13

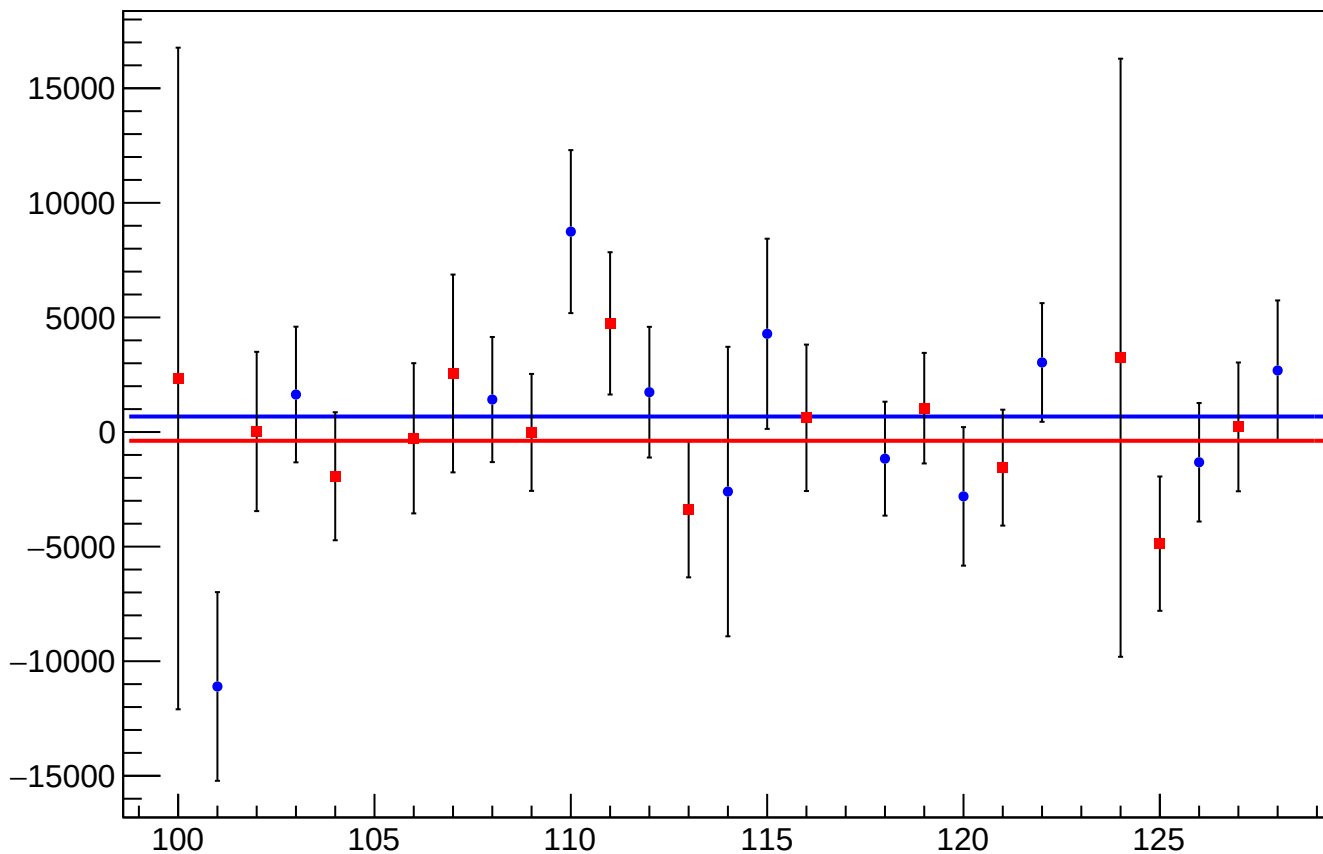
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1294.543+/-0.289 χ^2/NDF : 733076.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 676.768 $\pm$ 887.475 χ^2 /NDF: 18.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -382.050 $\pm$ 842.616 χ^2 /NDF: 7.7/13

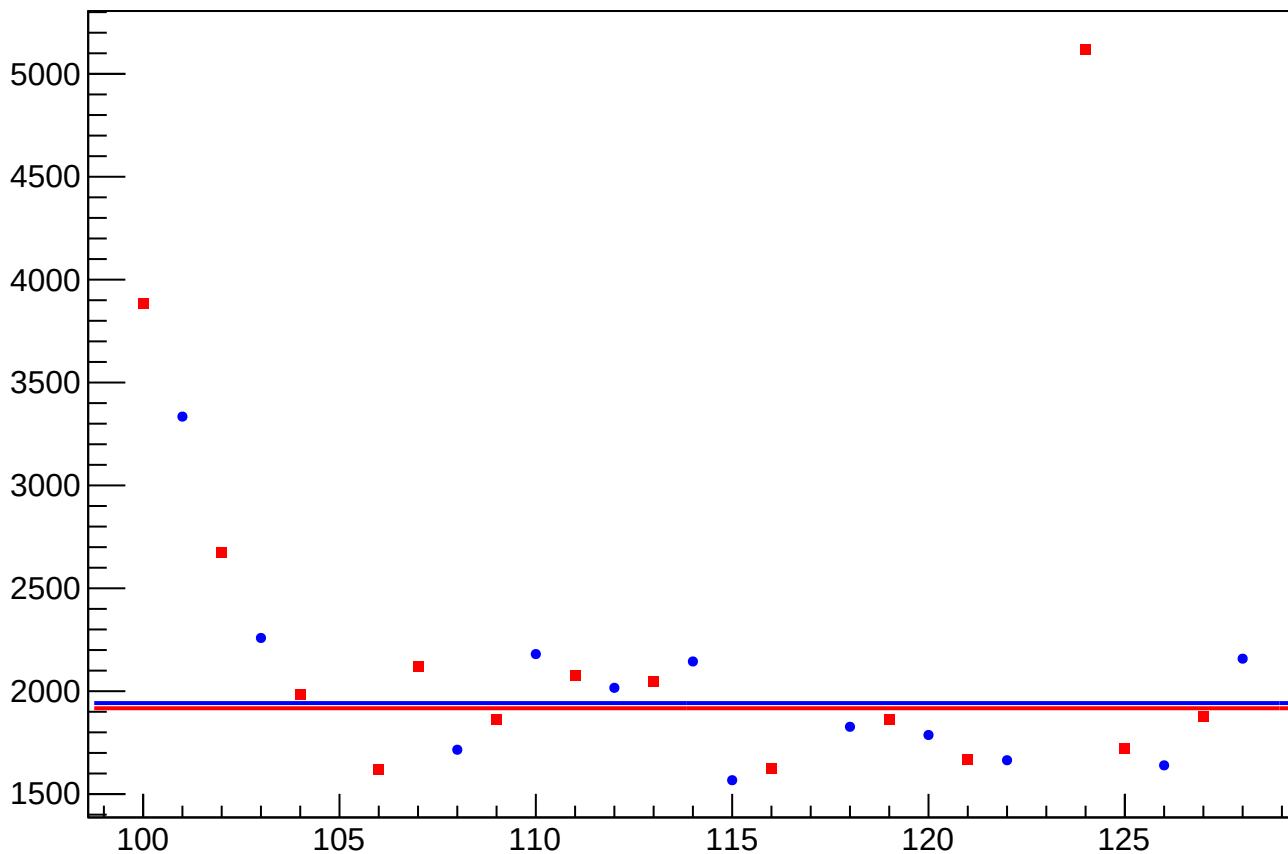
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 119.924 $\pm$ 611.063 χ^2 /NDF: 26.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1942.247+/-0.628 χ^2/NDF : 364037.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1917.134+/-0.596 χ^2/NDF : 331486.5/13

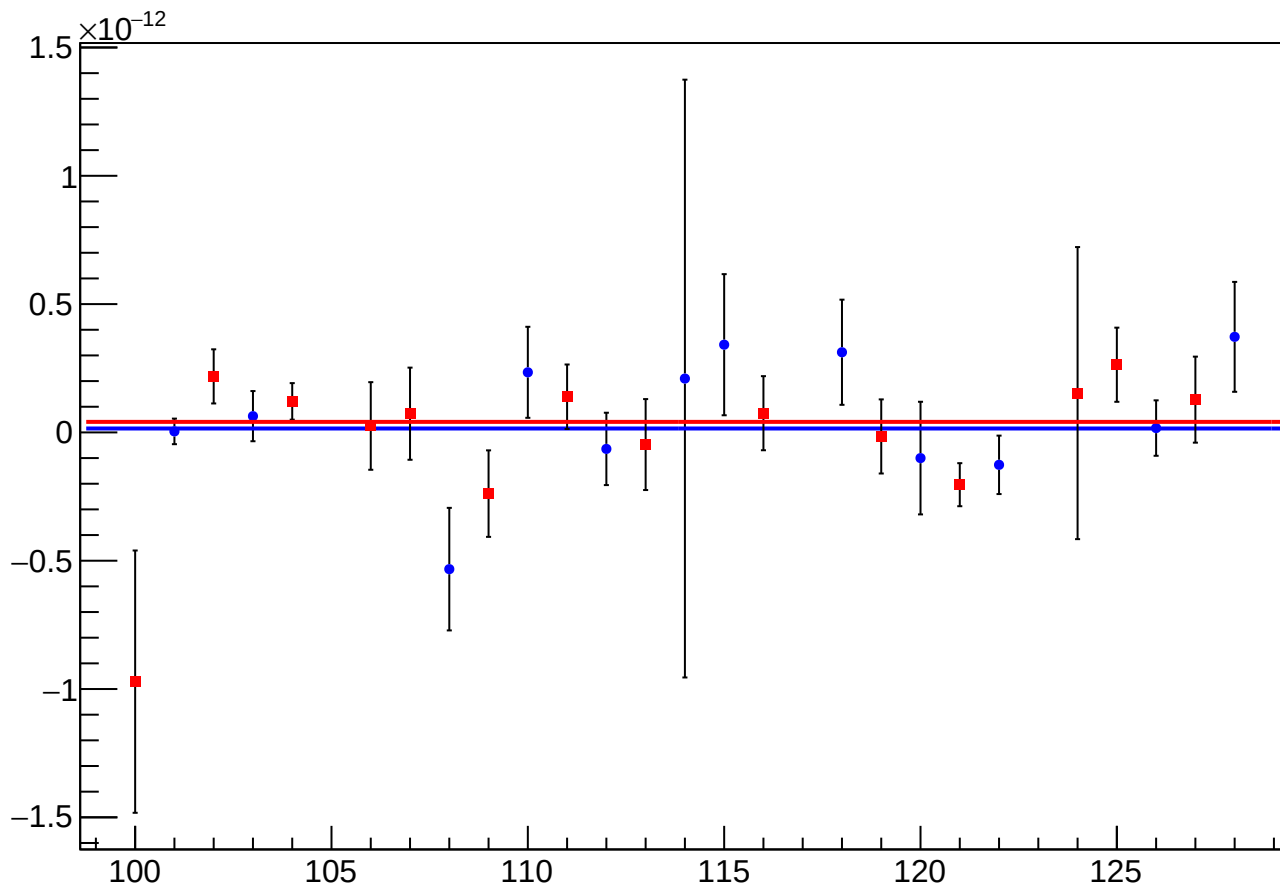
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1929.039+/-0.432 χ^2/NDF : 696366.4/25

- 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 $\pm$ 0.000 χ^2 /NDF: 15.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.1/13

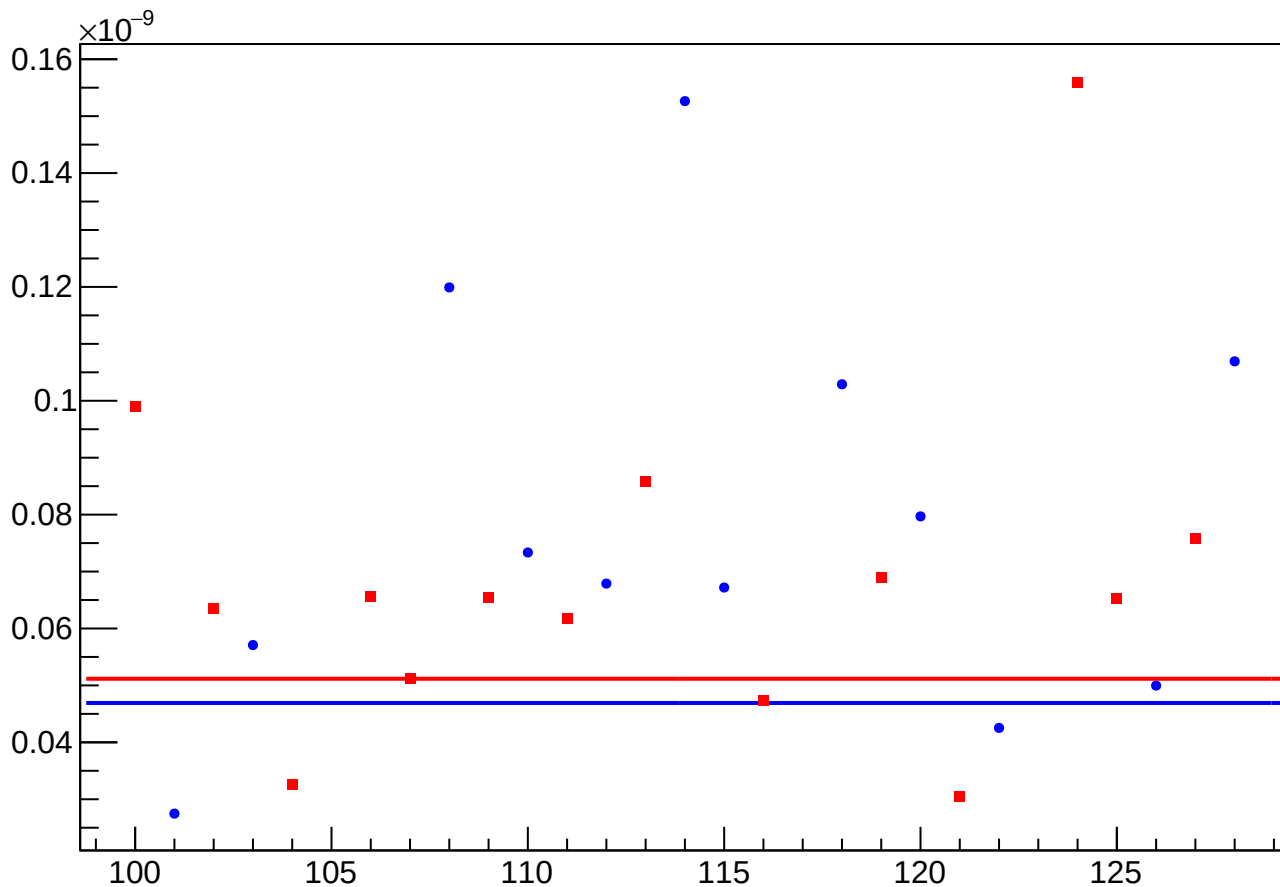
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 38.9/25

- sign 0.000 $\pm$ 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 : 984664.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 582828.7/13

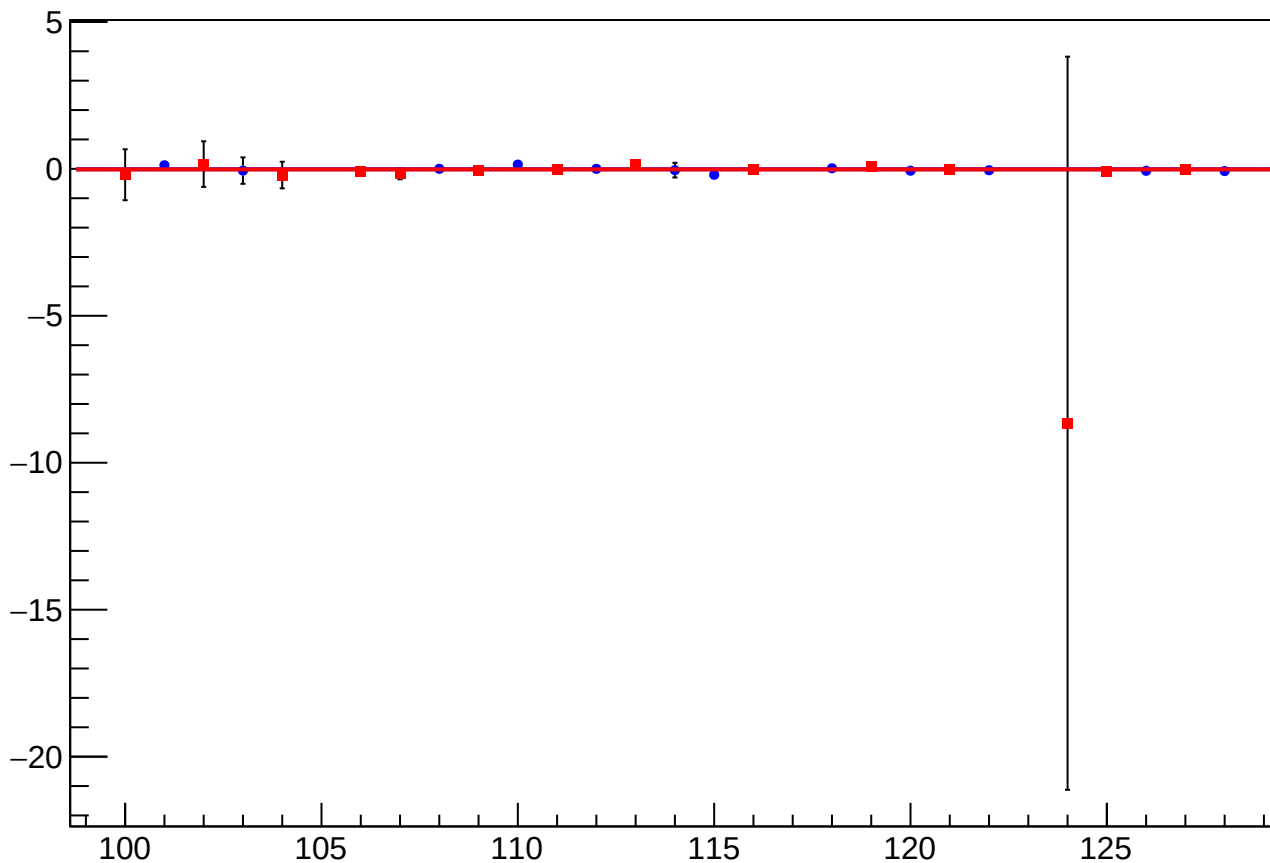
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1582538.2/25

- 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: -0.014+/-0.022 χ^2/NDF : 12.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.019+/-0.021 χ^2/NDF : 10.8/13

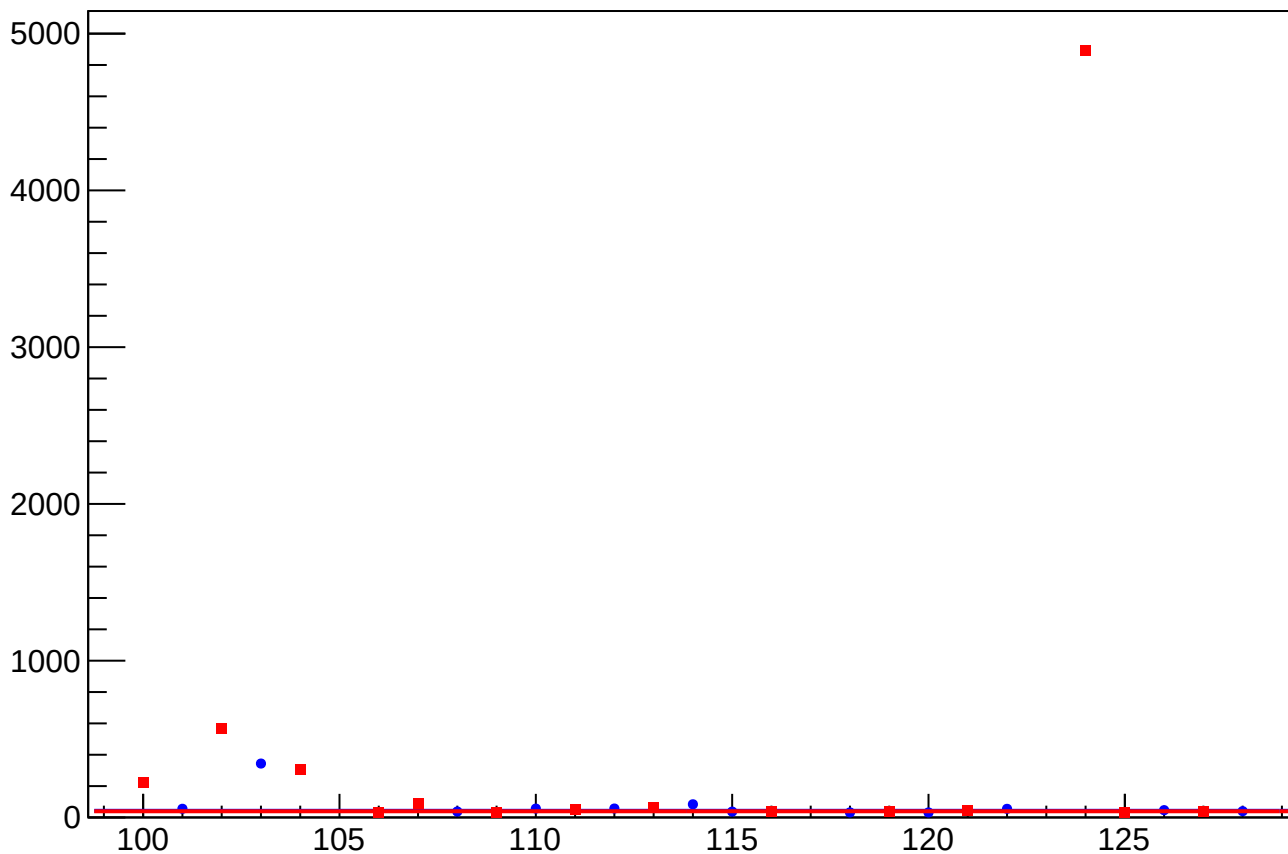
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.017+/-0.015 χ^2/NDF : 23.1/25

- 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: 42.367 $\pm$ 0.015 χ^2 /NDF: 1351502.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 39.509 $\pm$ 0.015 χ^2 /NDF: 2414832.8/13

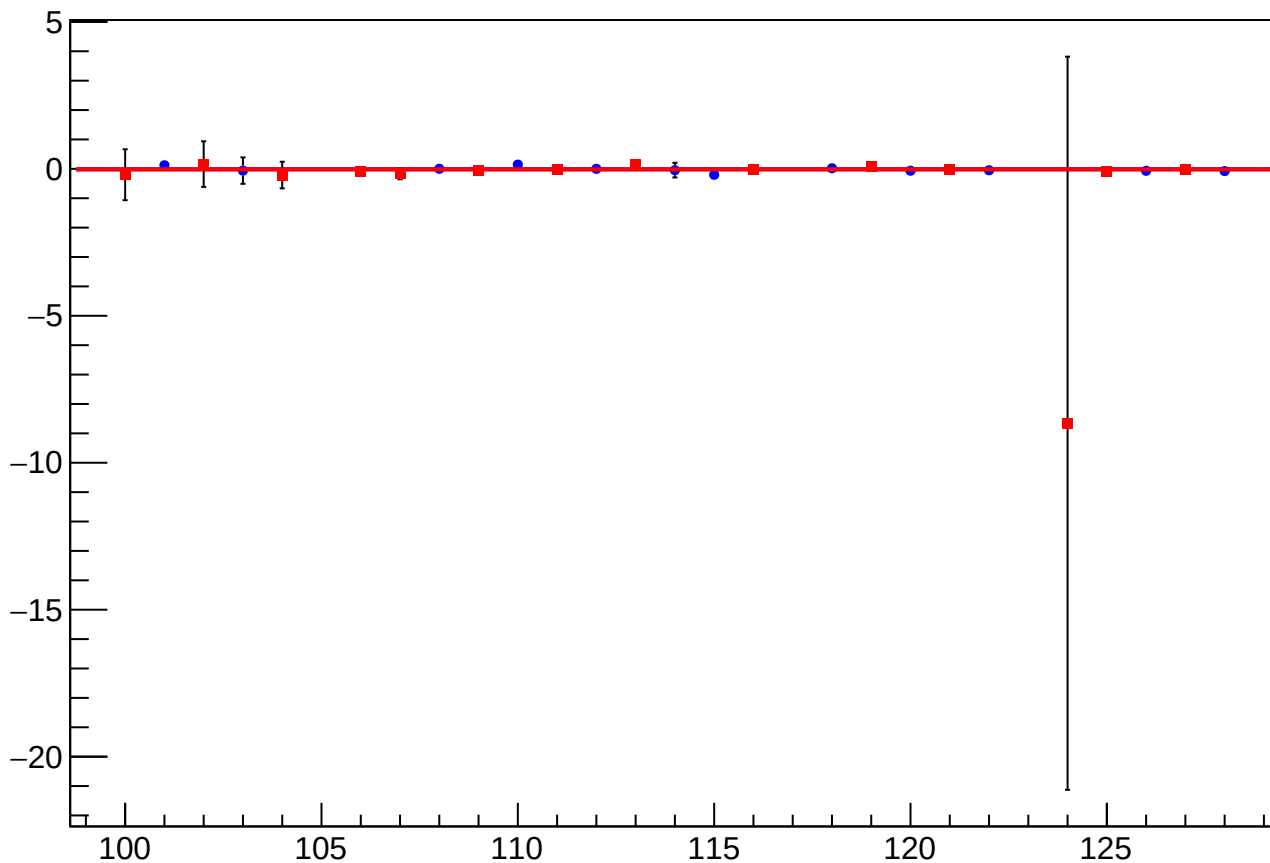
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 40.902 $\pm$ 0.011 χ^2 /NDF: 3784175.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.014+/-0.022 χ^2/NDF : 12.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.019+/-0.021 χ^2/NDF : 10.8/13

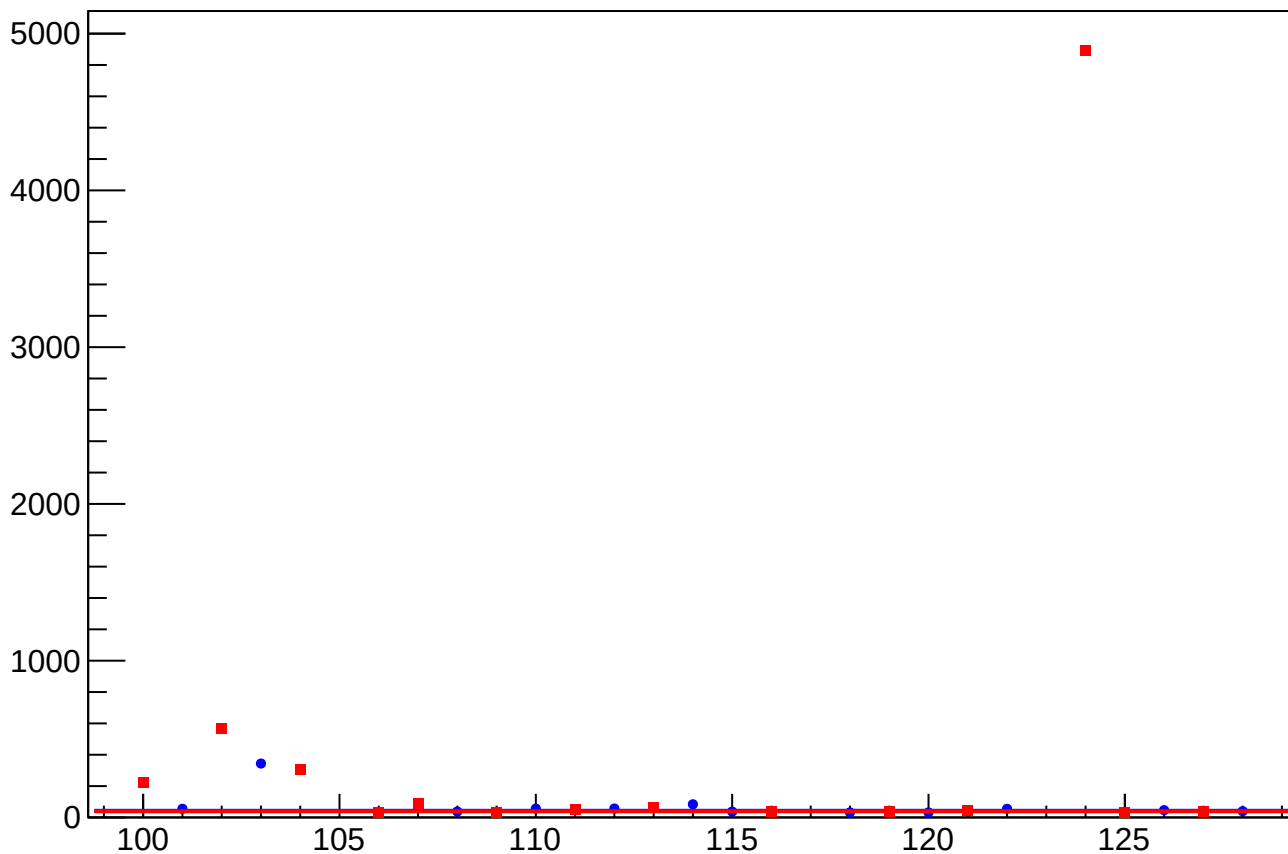
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.017+/-0.015 χ^2/NDF : 23.1/25

- 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: 42.367+/-0.015 χ^2/NDF : 1351502.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.509+/-0.015 χ^2/NDF : 2414832.8/13

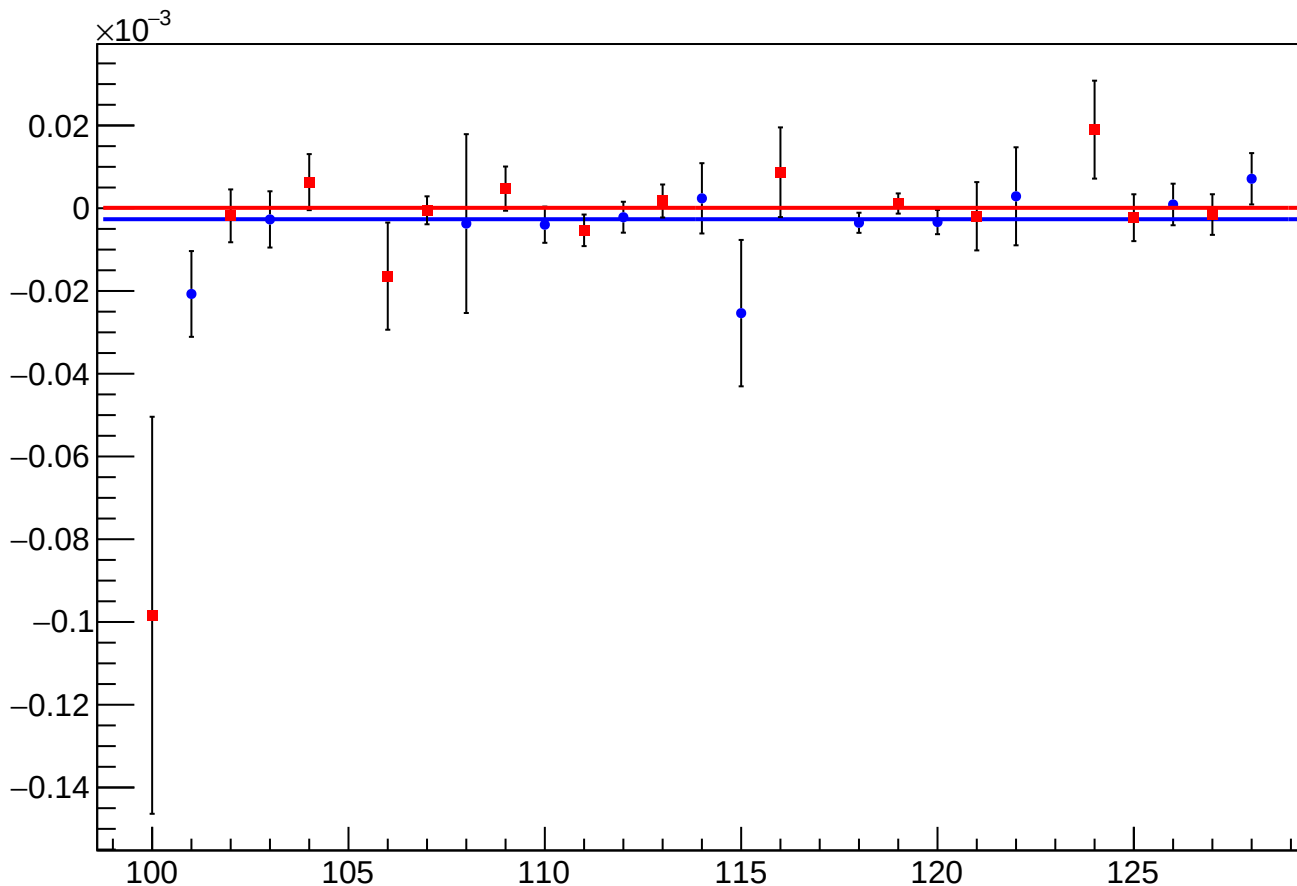
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.902+/-0.011 χ^2/NDF : 3784175.3/25

- sign 0.000+/-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: 8.5/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 13.5/13

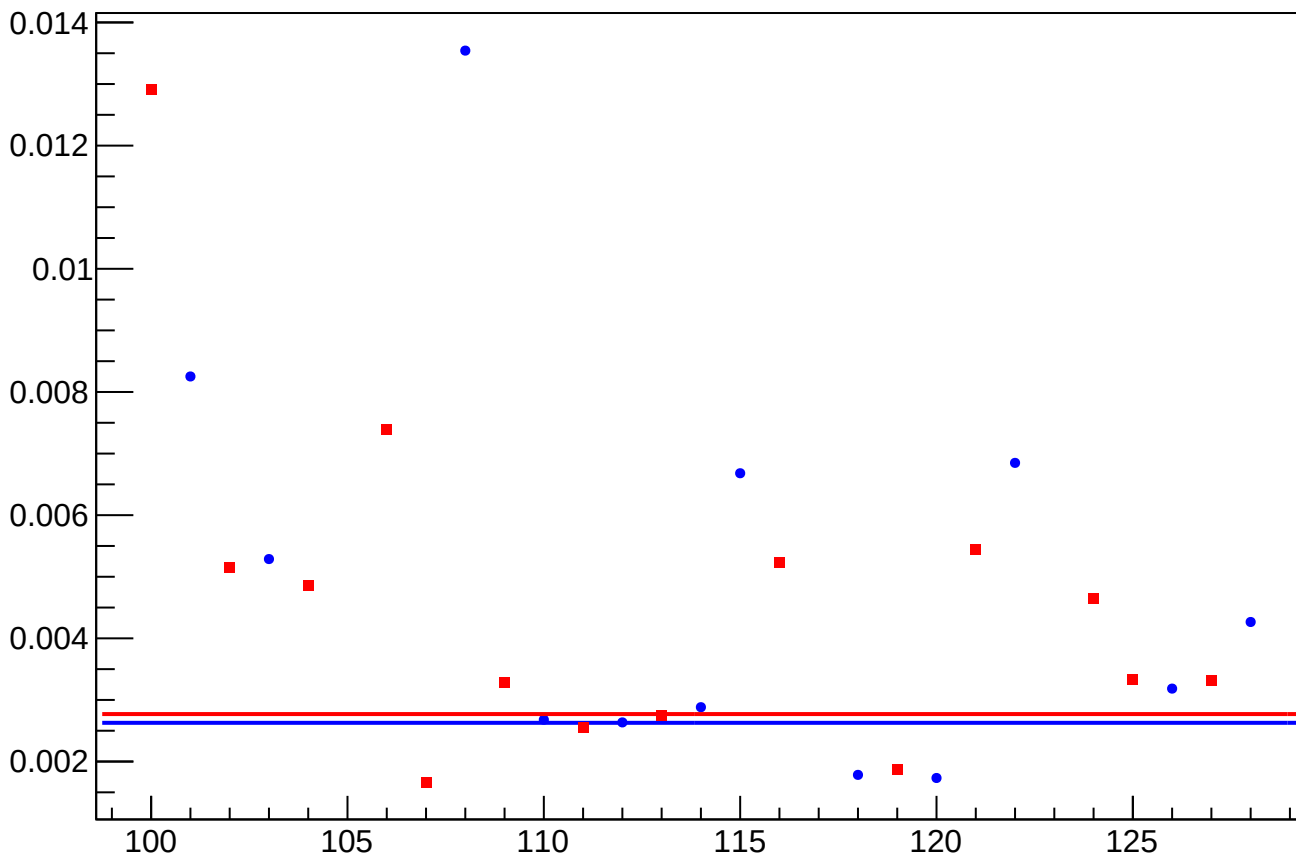
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 24.1/25

- 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 : 2358184.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1733045.9/13

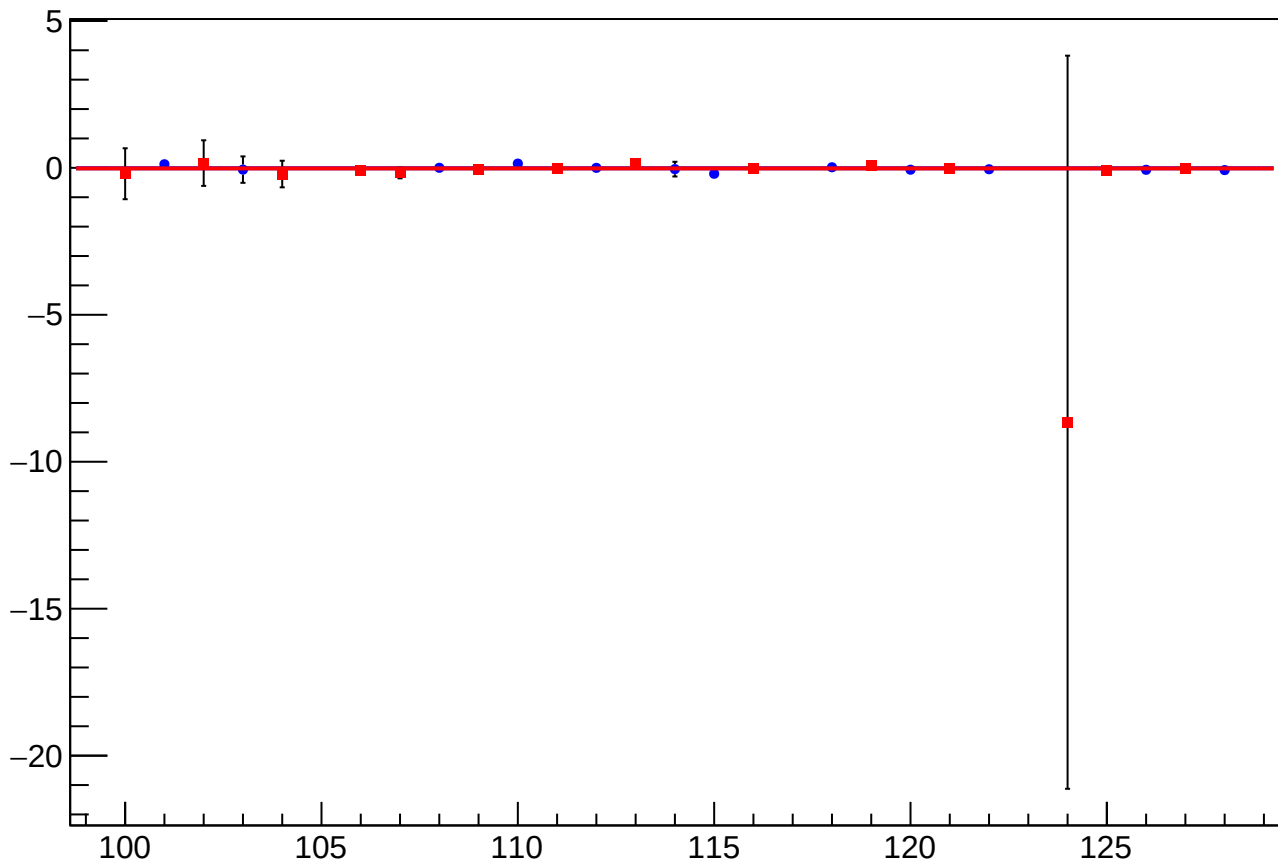
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4102434.6/25

- 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: -0.014+/-0.022 χ^2/NDF : 12.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.019+/-0.021 χ^2/NDF : 10.8/13

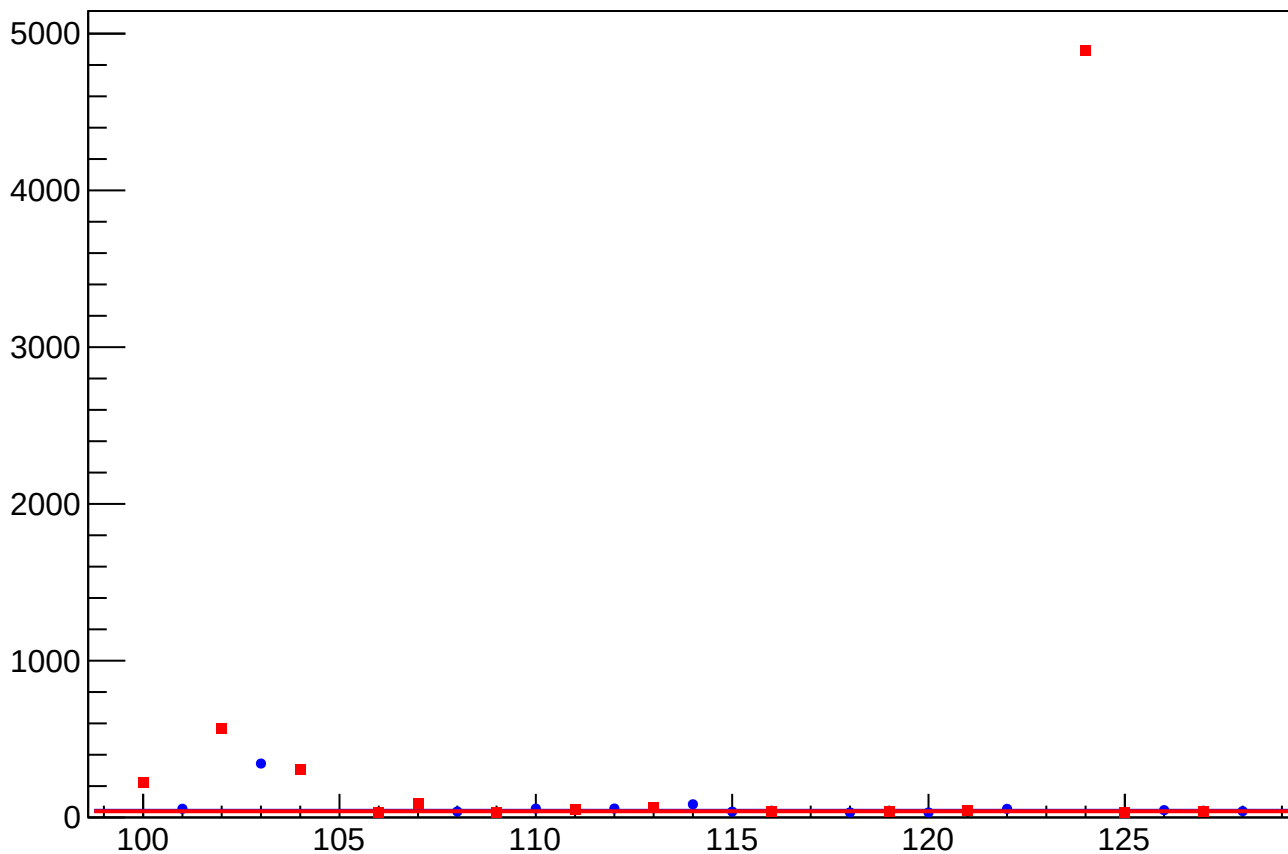
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.017+/-0.015 χ^2/NDF : 23.1/25

- 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: 42.367 $\pm$ 0.015 χ^2 /NDF: 1351510.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 39.508 $\pm$ 0.015 χ^2 /NDF: 2414872.8/13

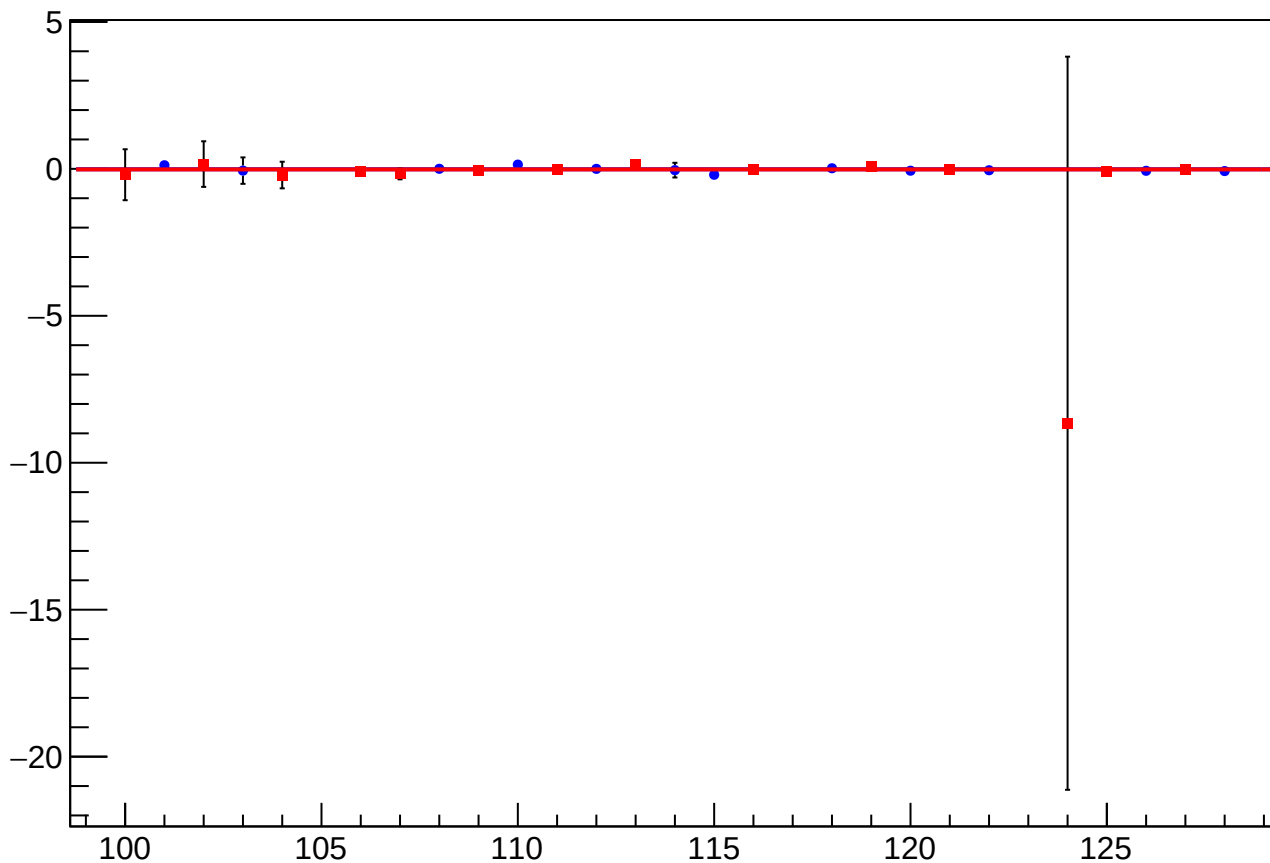
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 40.902 $\pm$ 0.011 χ^2 /NDF: 3784236.9/25

- 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: -0.014+/-0.022 χ^2/NDF : 12.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.019+/-0.021 χ^2/NDF : 10.8/13

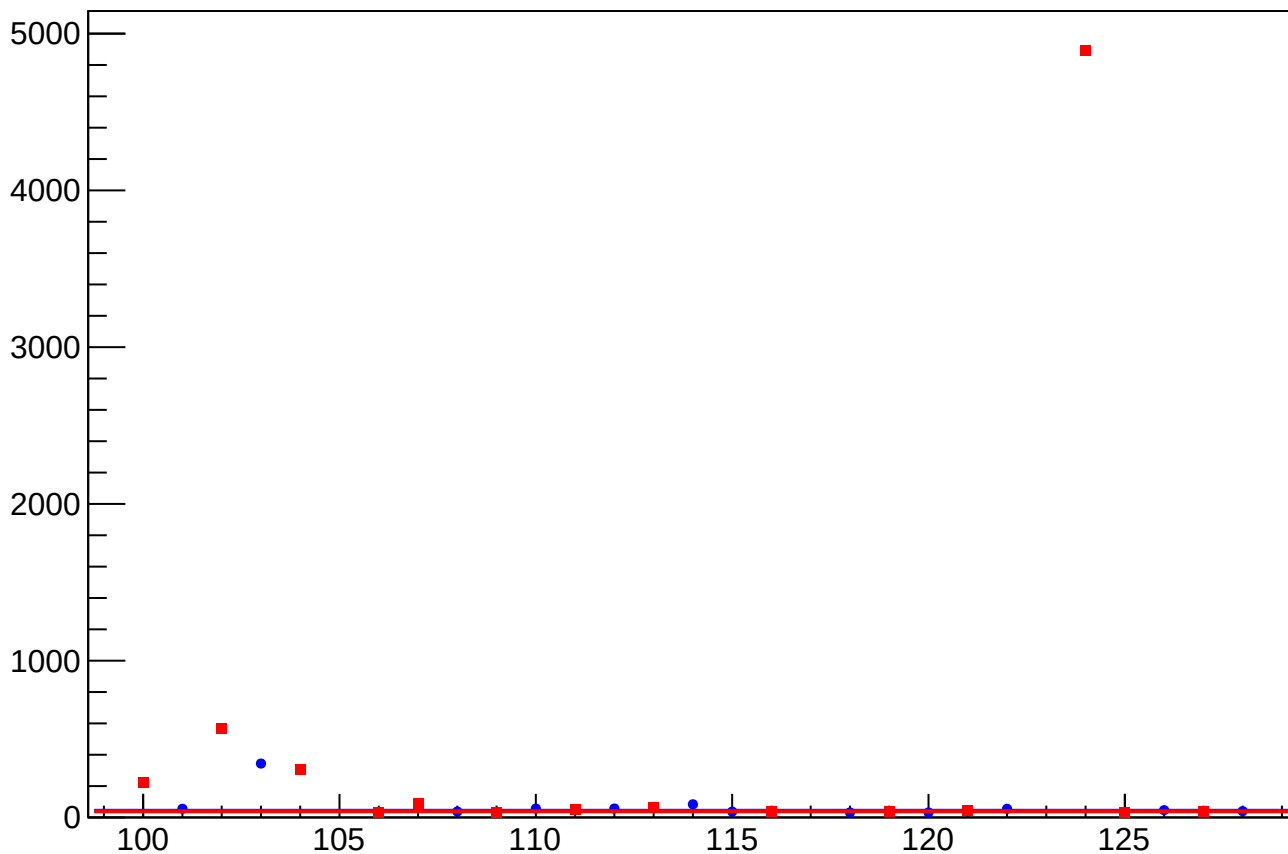
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.017+/-0.015 χ^2/NDF : 23.1/25

- 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: 42.367 $\pm$ 0.015 χ^2 /NDF: 1351510.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 39.508 $\pm$ 0.015 χ^2 /NDF: 2414872.8/13

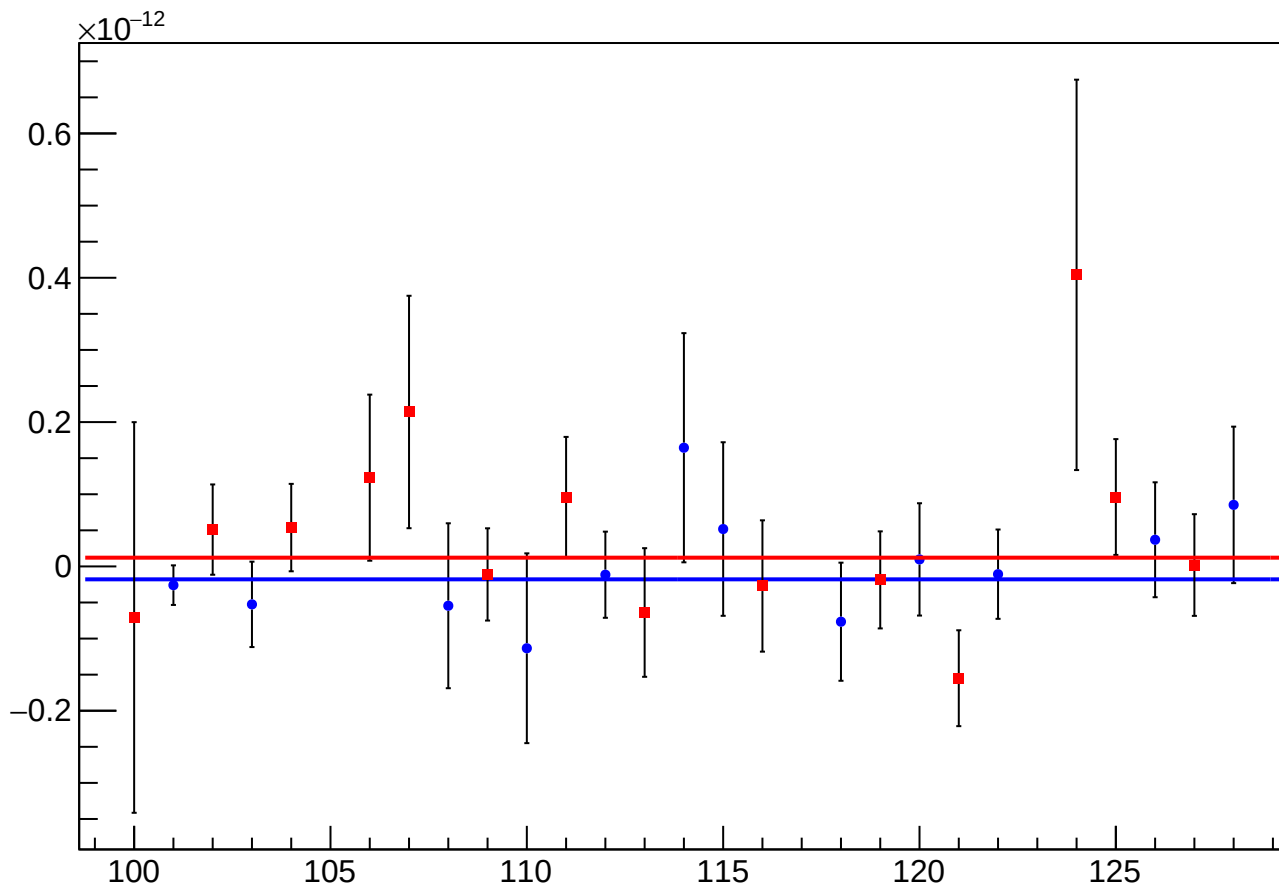
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 40.902 $\pm$ 0.011 χ^2 /NDF: 3784236.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 4.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 15.2/13

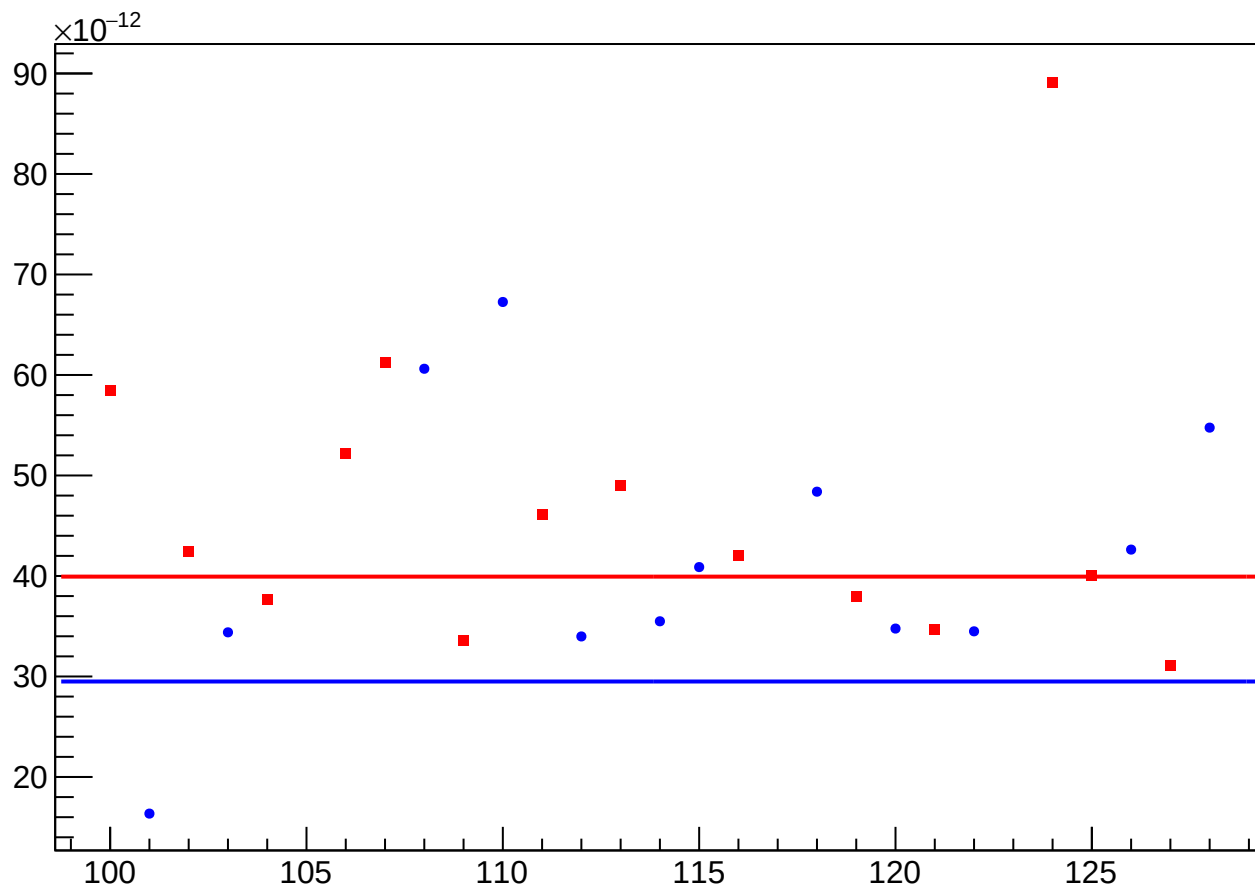
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 21.1/25

- 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 : 1109532.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 237255.2/13

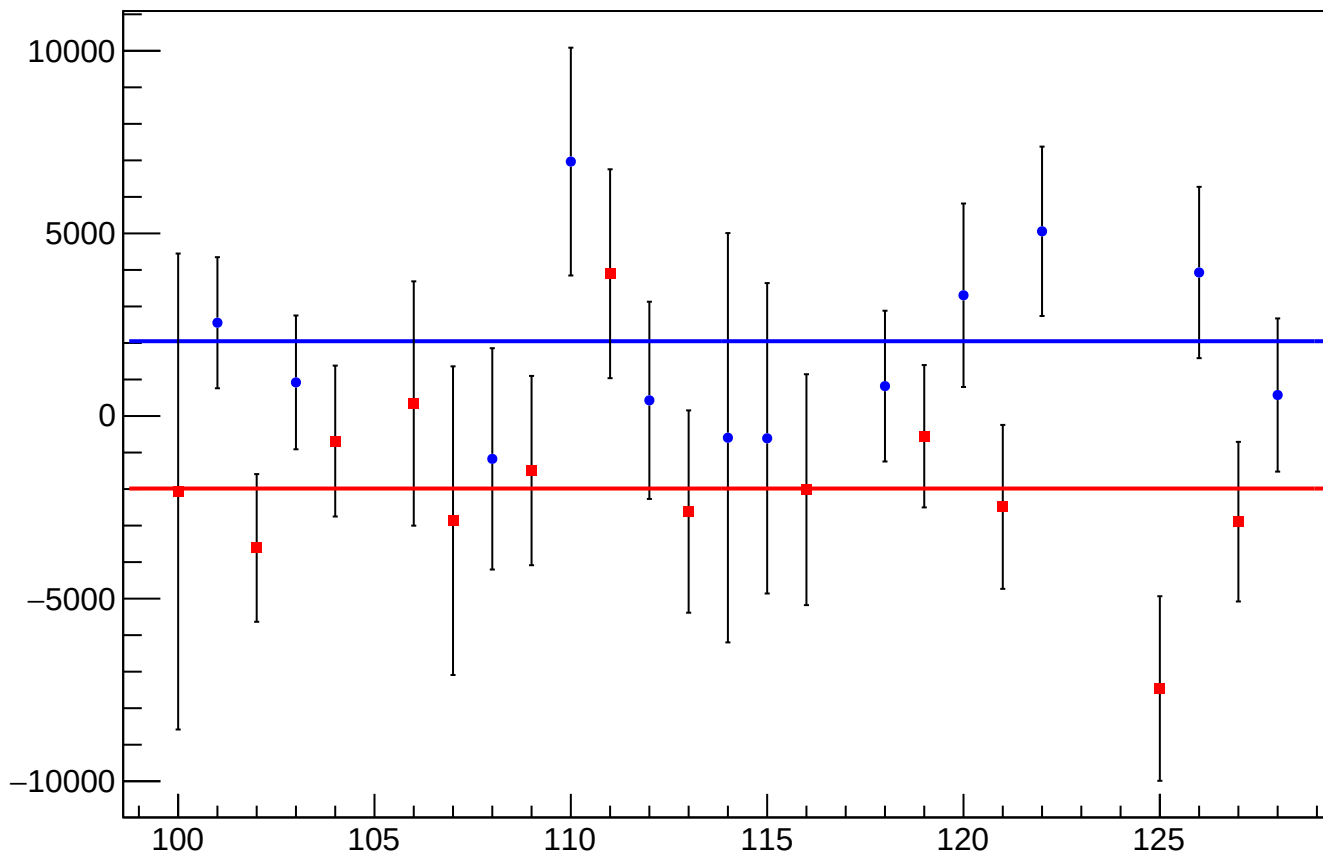
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1614786.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_avg_mean vs Slug



Right In: 2048.421+/-701.352 χ^2/NDF : 8.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1985.287+/-711.187 χ^2/NDF : 11.3/12

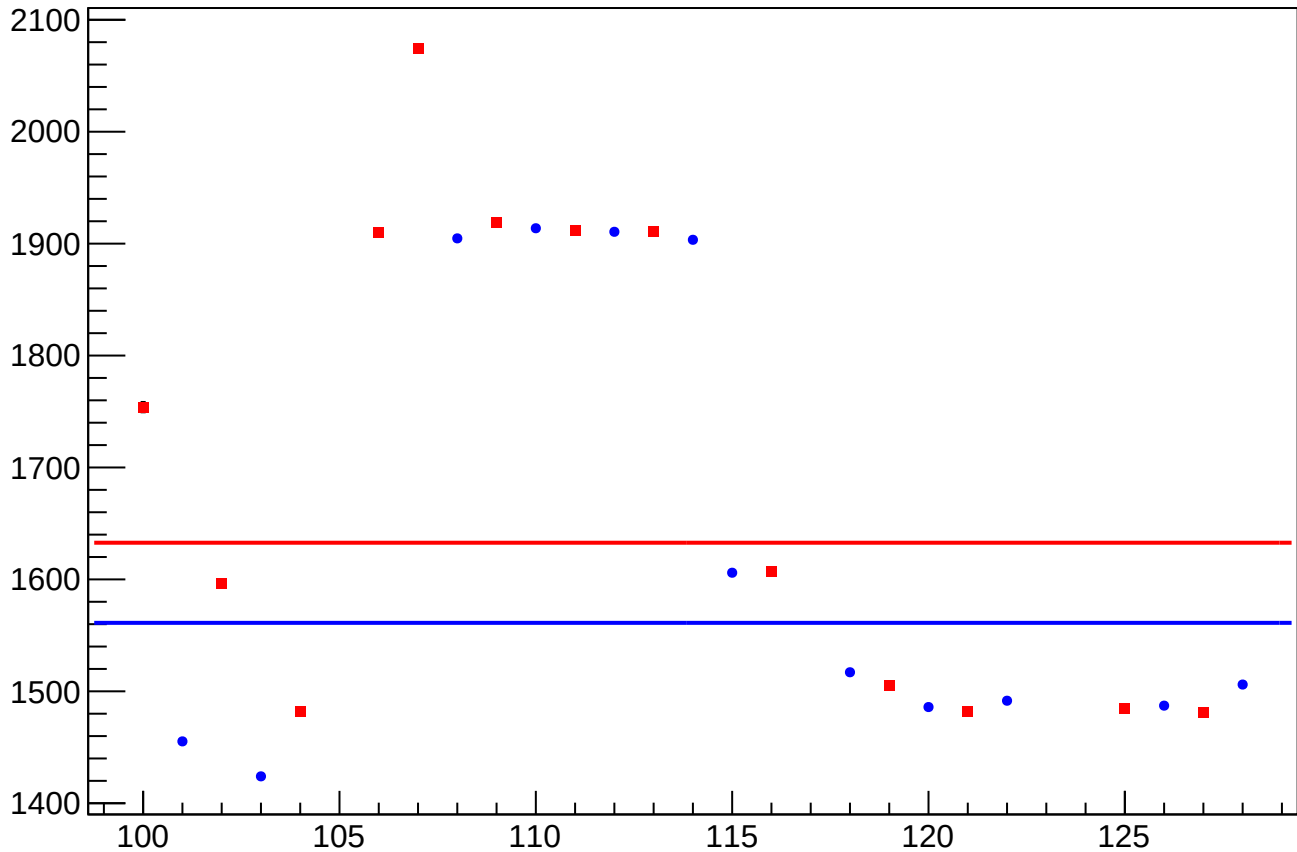
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.649+/-499.372 χ^2/NDF : 36.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_avg_rms vs Slug



Right In: 1561.179+/-0.496 χ^2/NDF : 118496.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1632.767+/-0.503 χ^2/NDF : 145466.7/12

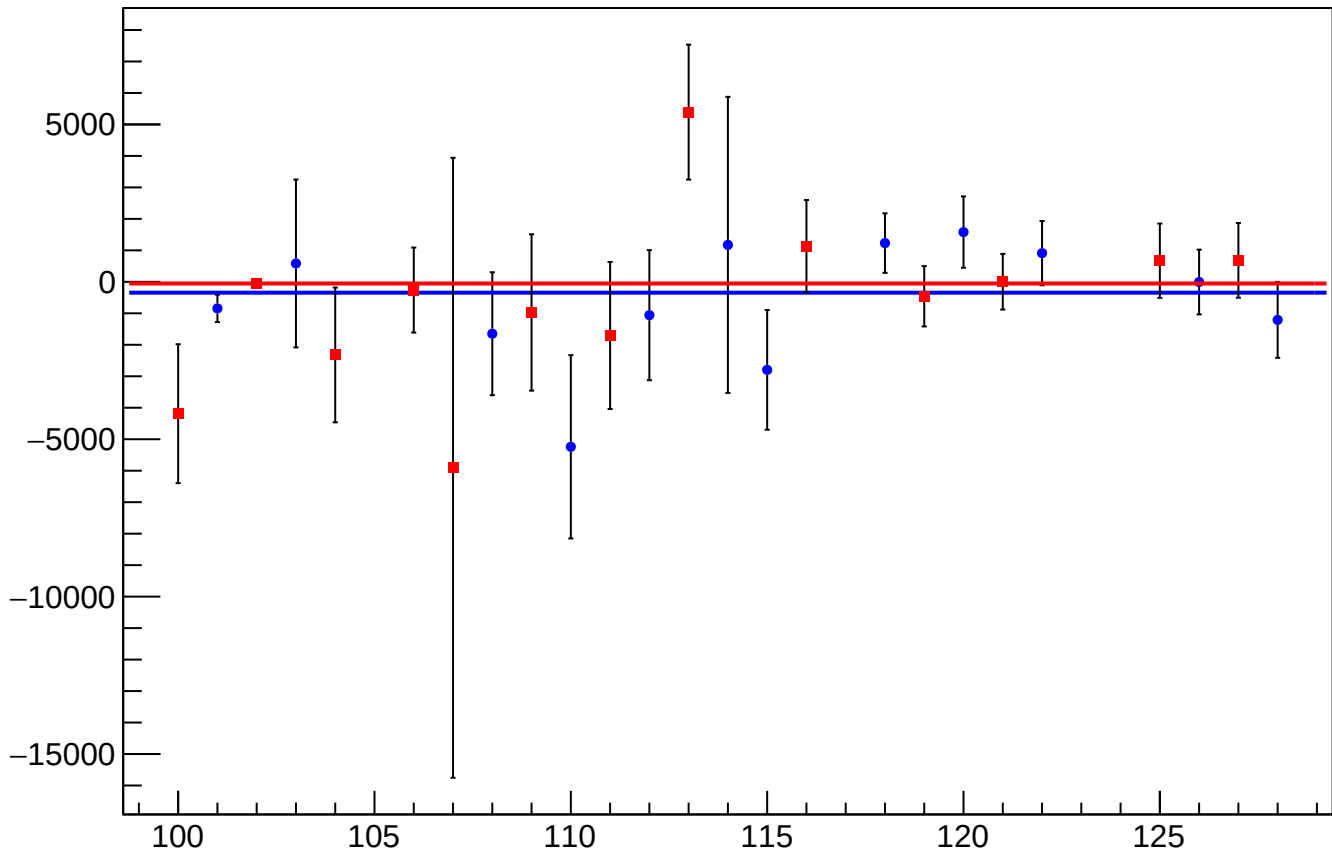
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1596.474+/-0.353 χ^2/NDF : 274236.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_reg_correction_mean vs Slug



Right In: -344.560+/-303.667 χ^2/NDF : 14.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -52.856+/-130.728 χ^2/NDF : 13.7/12

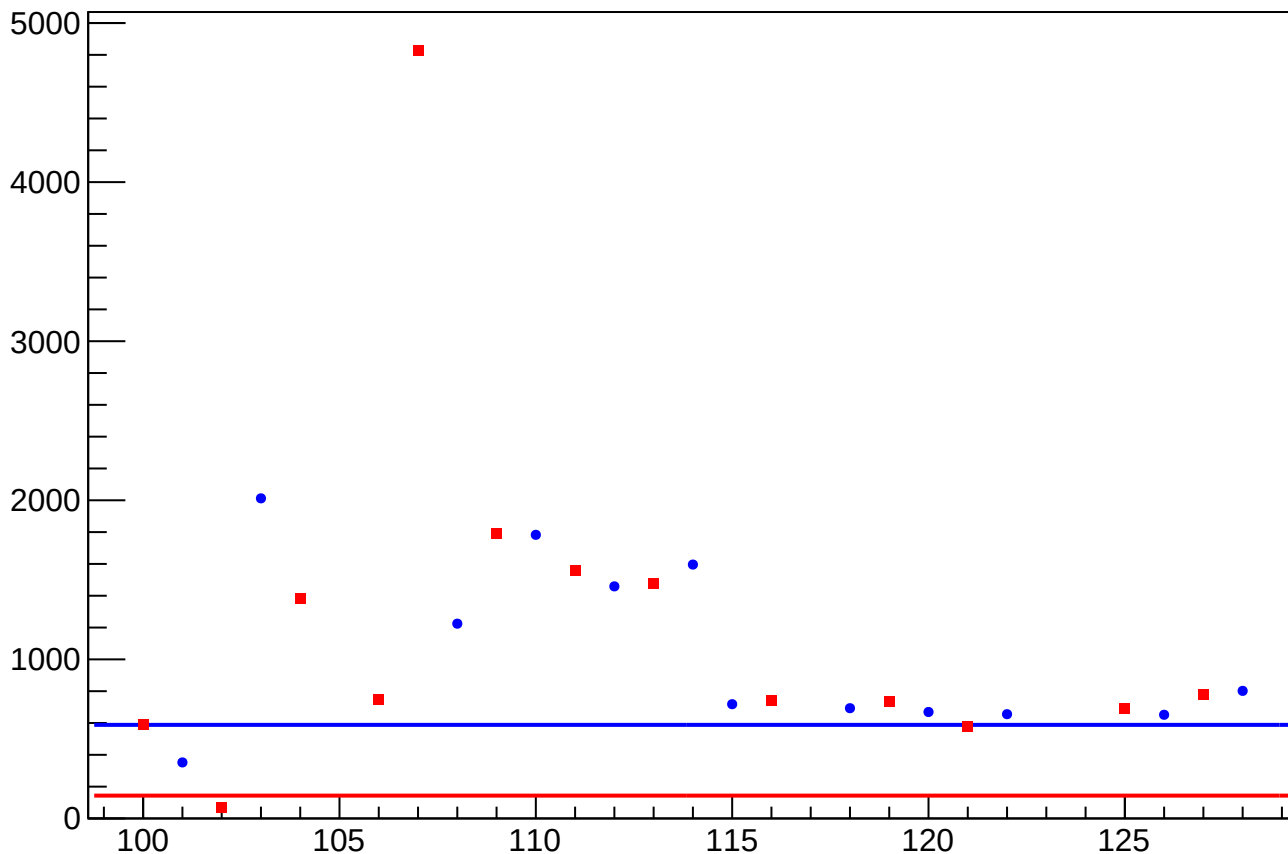
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -98.464+/-120.074 χ^2/NDF : 28.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_reg_correction_rms vs Slug



Right In: 588.289+/-0.215 χ^2/NDF : 2277376.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 143.552+/-0.092 χ^2/NDF : 7149112.5/12

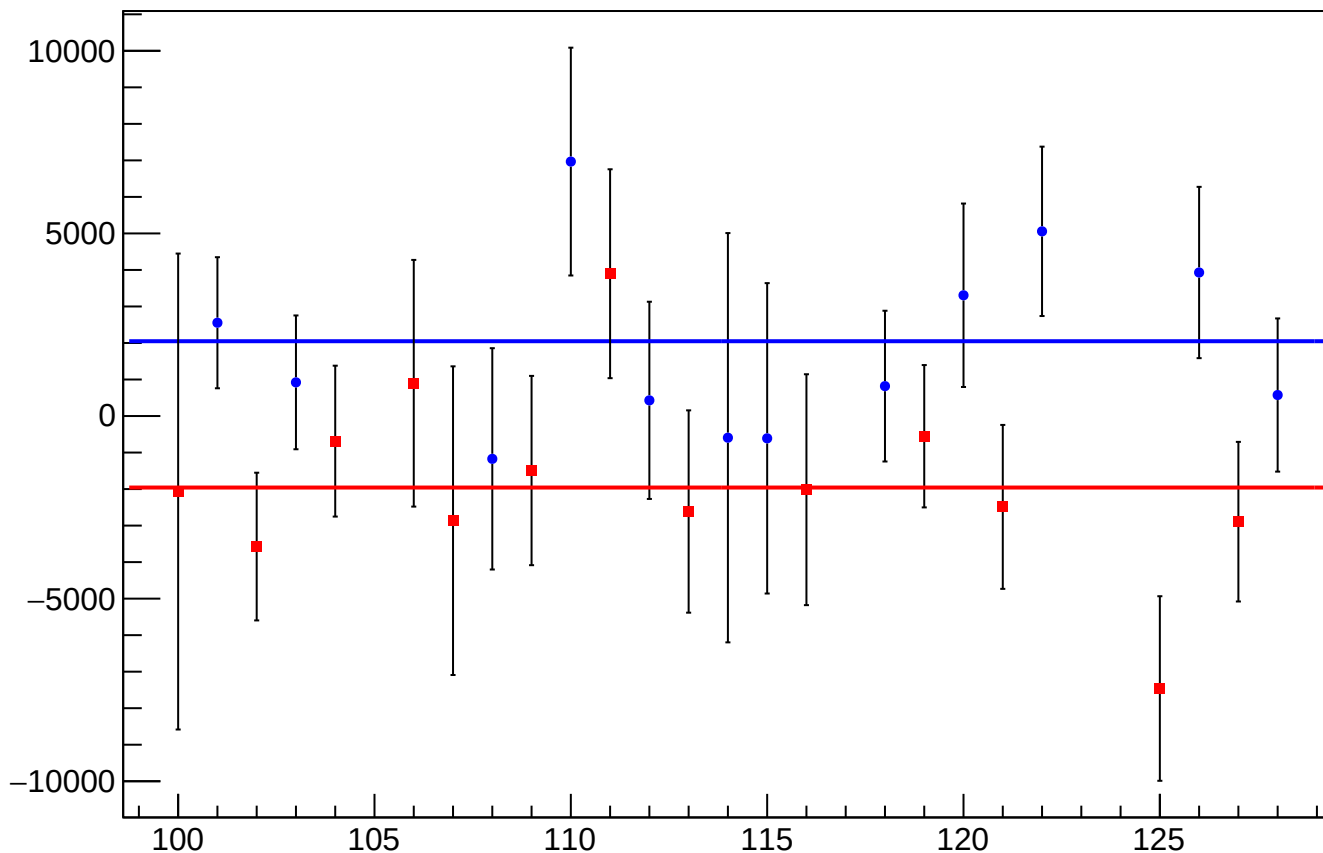
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 213.088+/-0.085 χ^2/NDF : 13045600.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl1_avg_mean vs Slug



Right In: 2048.640 $\pm$ 701.352 χ^2 /NDF: 8.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1957.926 $\pm$ 711.505 χ^2 /NDF: 11.6/12

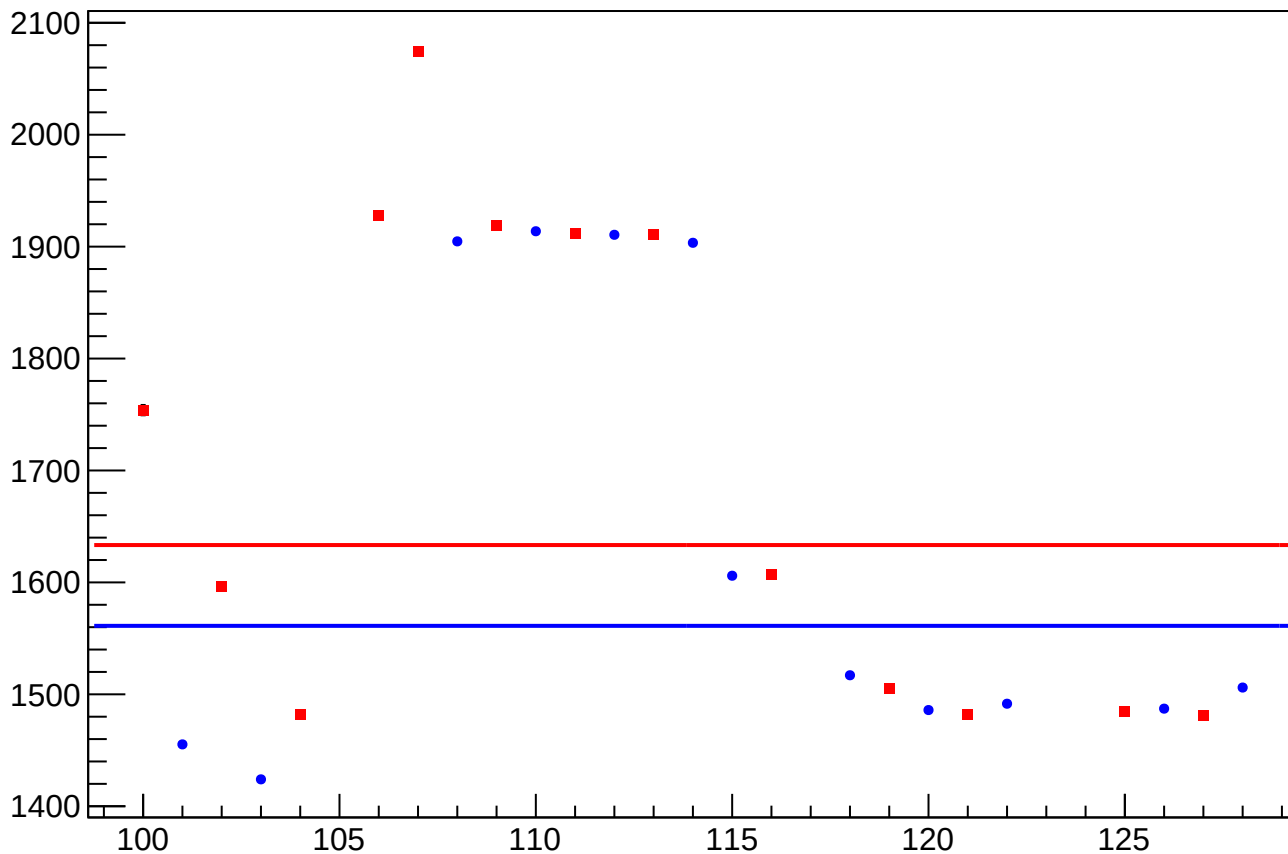
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 74.146 $\pm$ 499.482 χ^2 /NDF: 36.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usl_atl1_avg_rms vs Slug



Right In: 1561.179+/-0.496 χ^2/NDF : 118496.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1633.368+/-0.503 χ^2/NDF : 147037.0/12

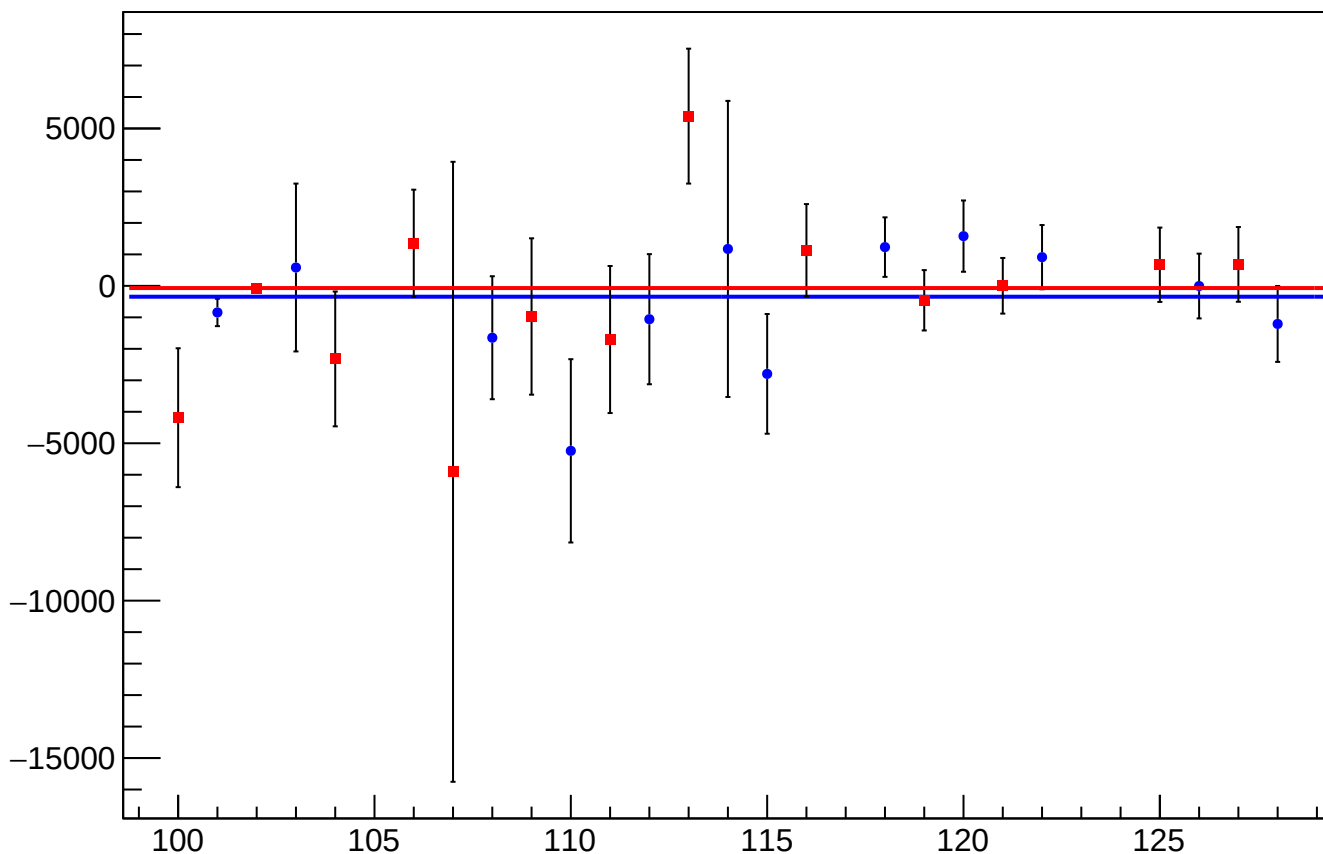
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1596.755+/-0.353 χ^2/NDF : 275975.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_cor_correction_mean vs Slug



Right In: -344.492+/-303.667 χ^2 /NDF: 14.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -69.307+/-141.993 χ^2 /NDF: 14.4/12

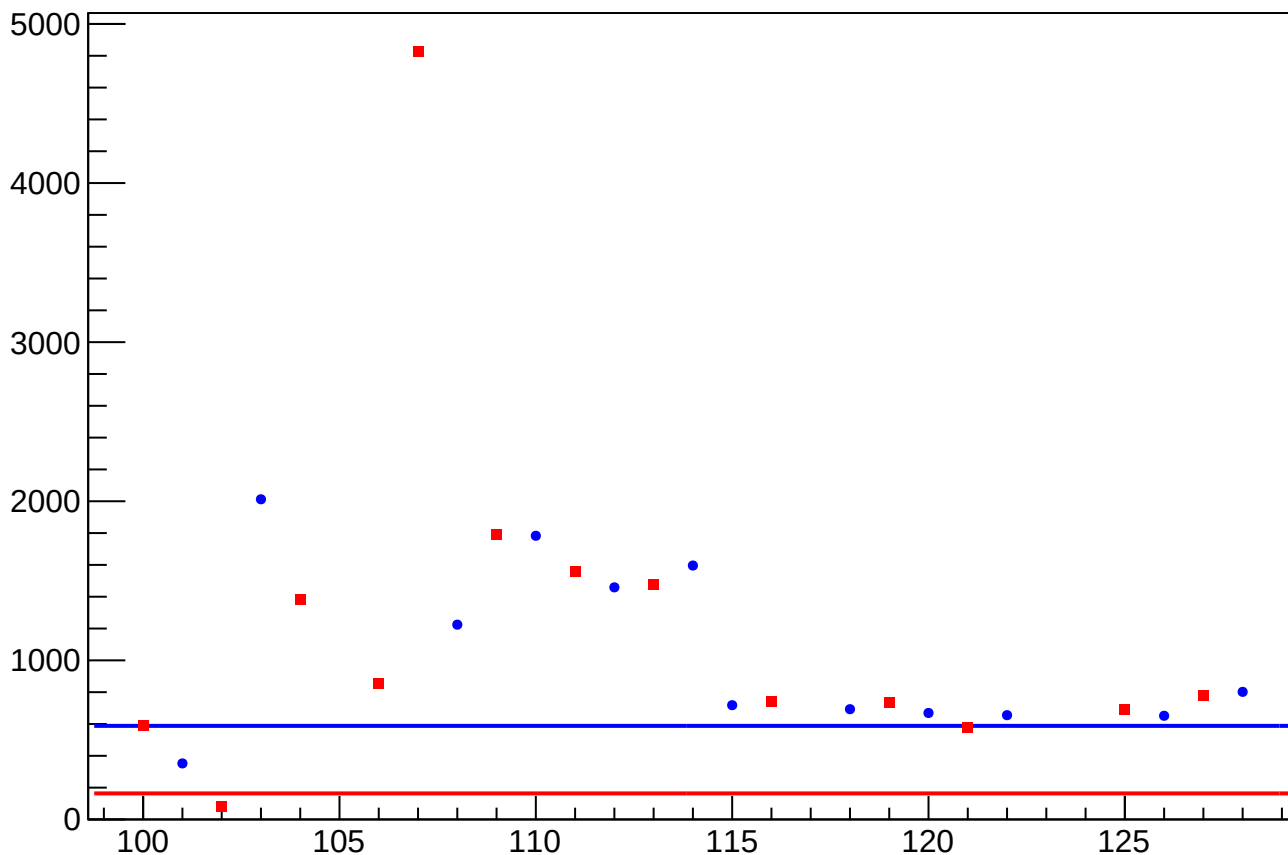
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -118.679+/-128.626 χ^2 /NDF: 29.5/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_cor_correction_rms vs Slug



Right In: 588.287+/-0.215 χ^2/NDF : 2277402.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 163.746+/-0.100 χ^2/NDF : 6837964.2/12

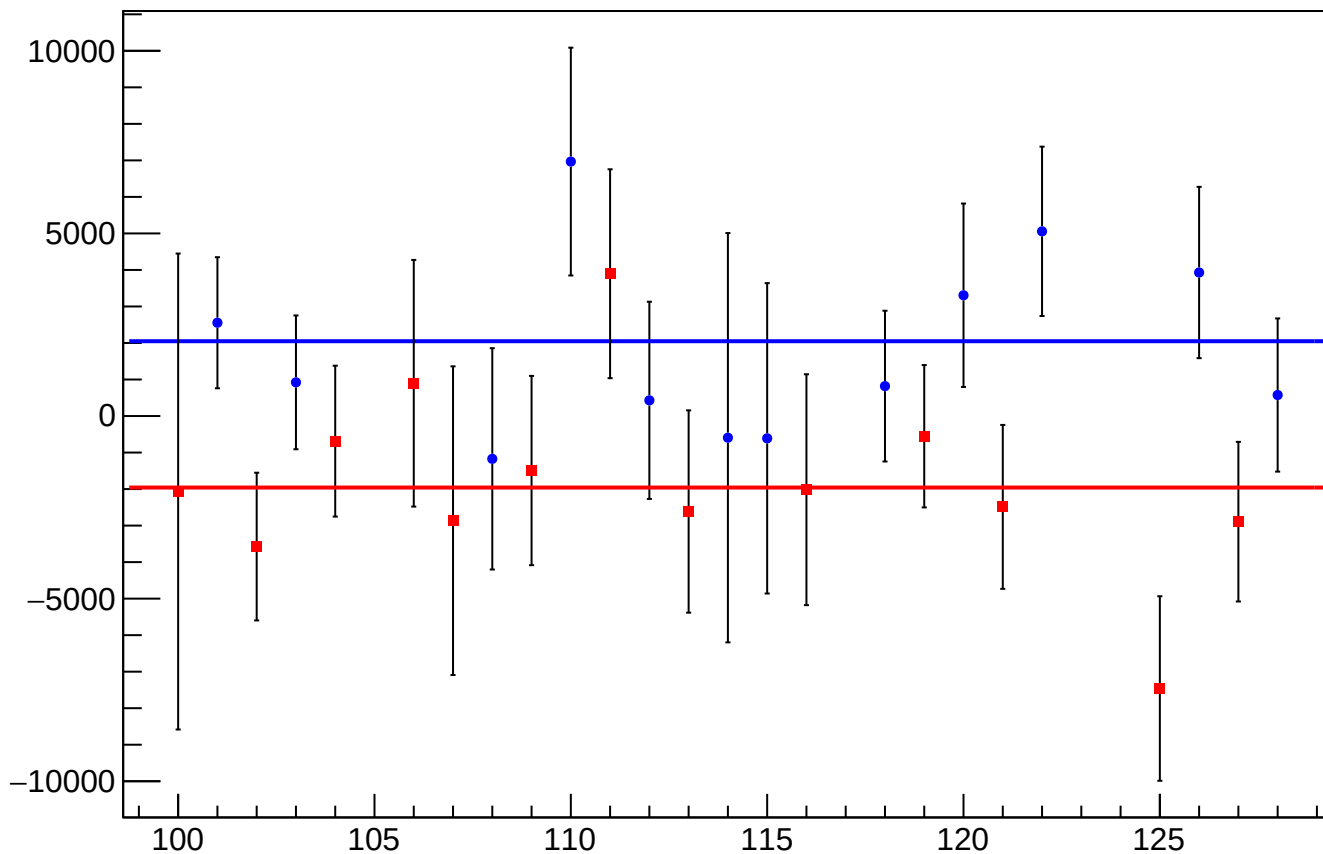
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 239.916+/-0.091 χ^2/NDF : 12323088.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl1_avg_mean vs Slug



Right In: 2048.640+/-701.352 χ^2/NDF : 8.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1957.926+/-711.505 χ^2/NDF : 11.6/12

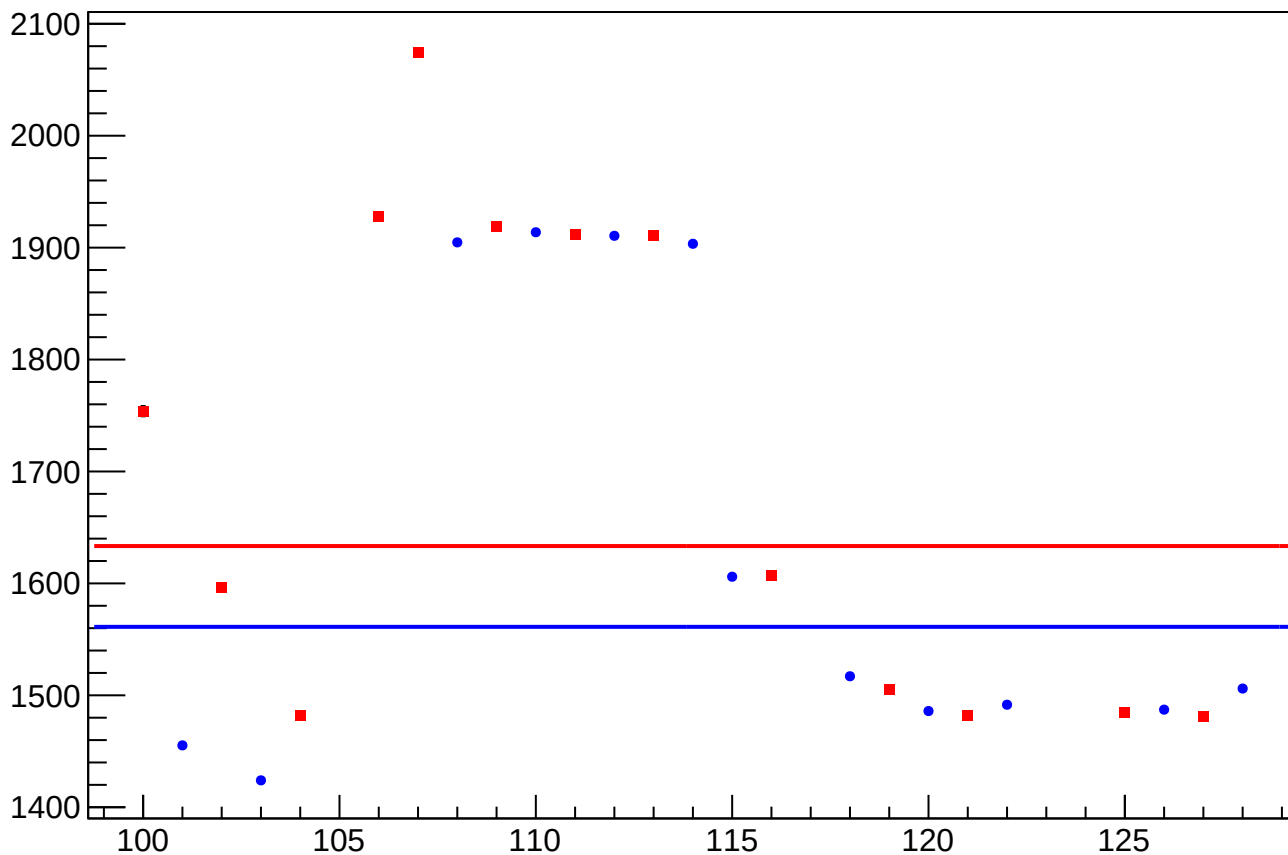
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.146+/-499.482 χ^2/NDF : 36.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl1_avg_rms vs Slug



Right In: 1561.179+/-0.496 χ^2/NDF : 118496.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1633.368+/-0.503 χ^2/NDF : 147037.0/12

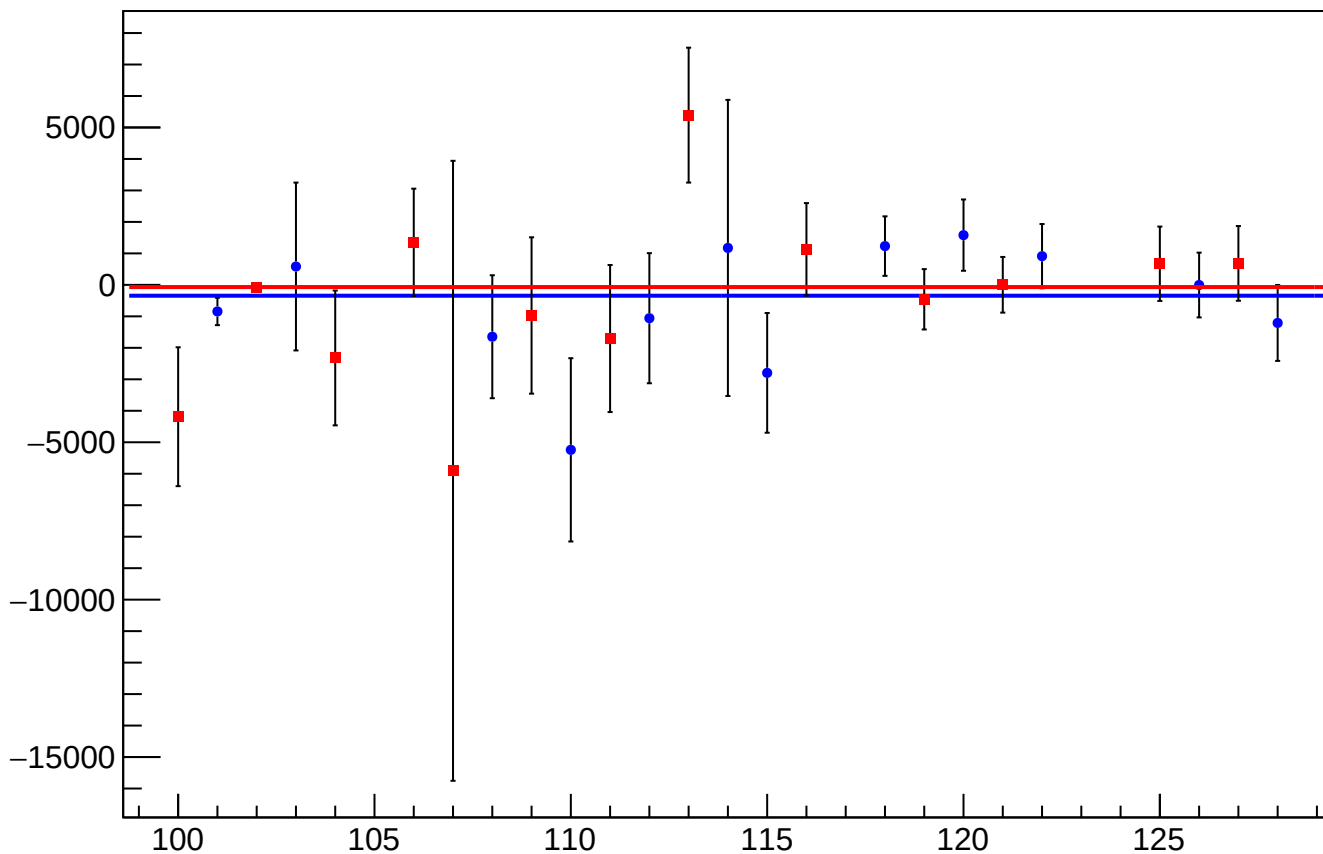
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1596.755+/-0.353 χ^2/NDF : 275975.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_cor_correction_mean vs Slug



Right In: -344.492+/-303.667 χ^2 /NDF: 14.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -69.307+/-141.993 χ^2 /NDF: 14.4/12

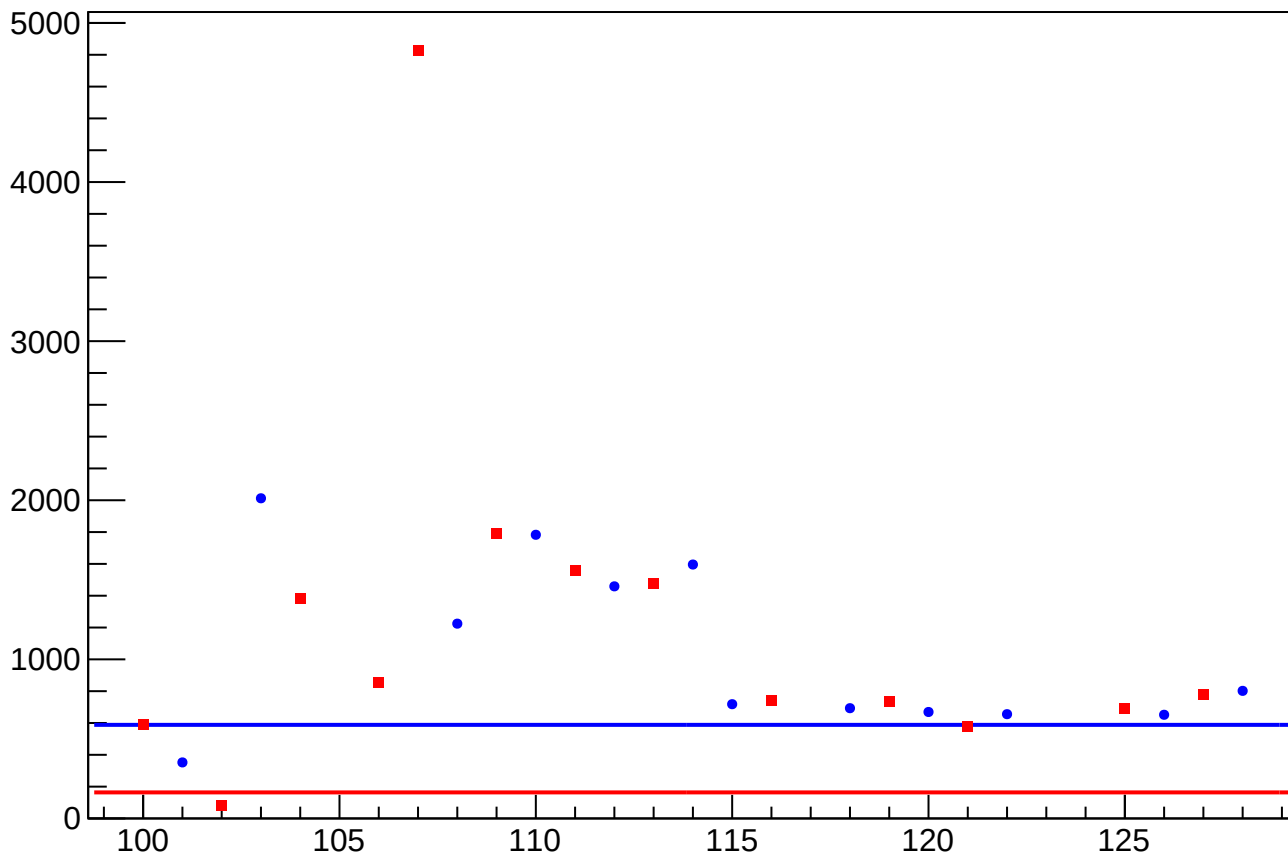
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -118.679+/-128.626 χ^2 /NDF: 29.5/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_eigen_cor_correction_rms vs Slug



Right In: 588.287+/-0.215 χ^2/NDF : 2277402.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 163.746+/-0.100 χ^2/NDF : 6837964.2/12

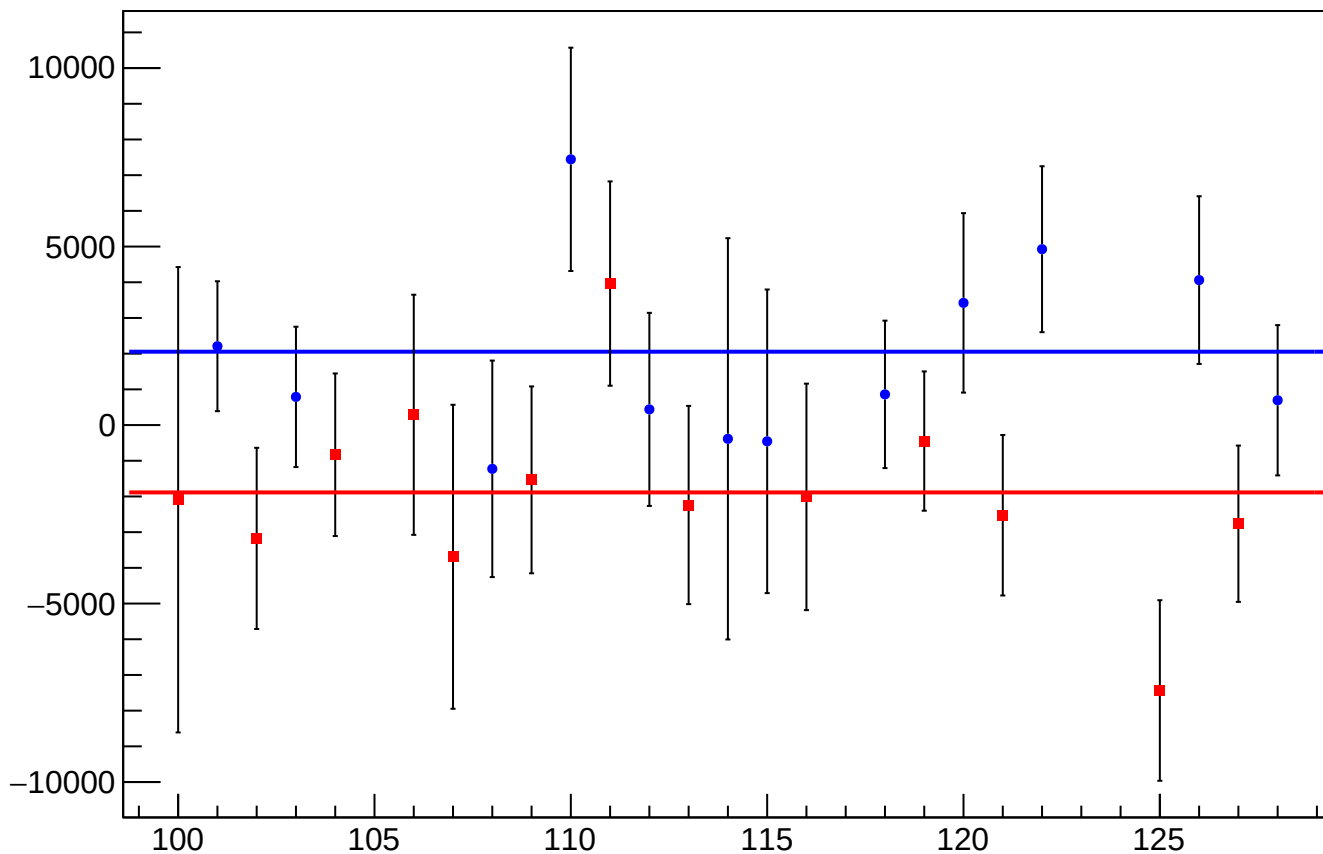
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 239.916+/-0.091 χ^2/NDF : 12323088.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl1_avg_mean vs Slug



Right In: 2055.066+/-710.634 χ^2/NDF : 8.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1886.806+/-737.620 χ^2/NDF : 10.9/12

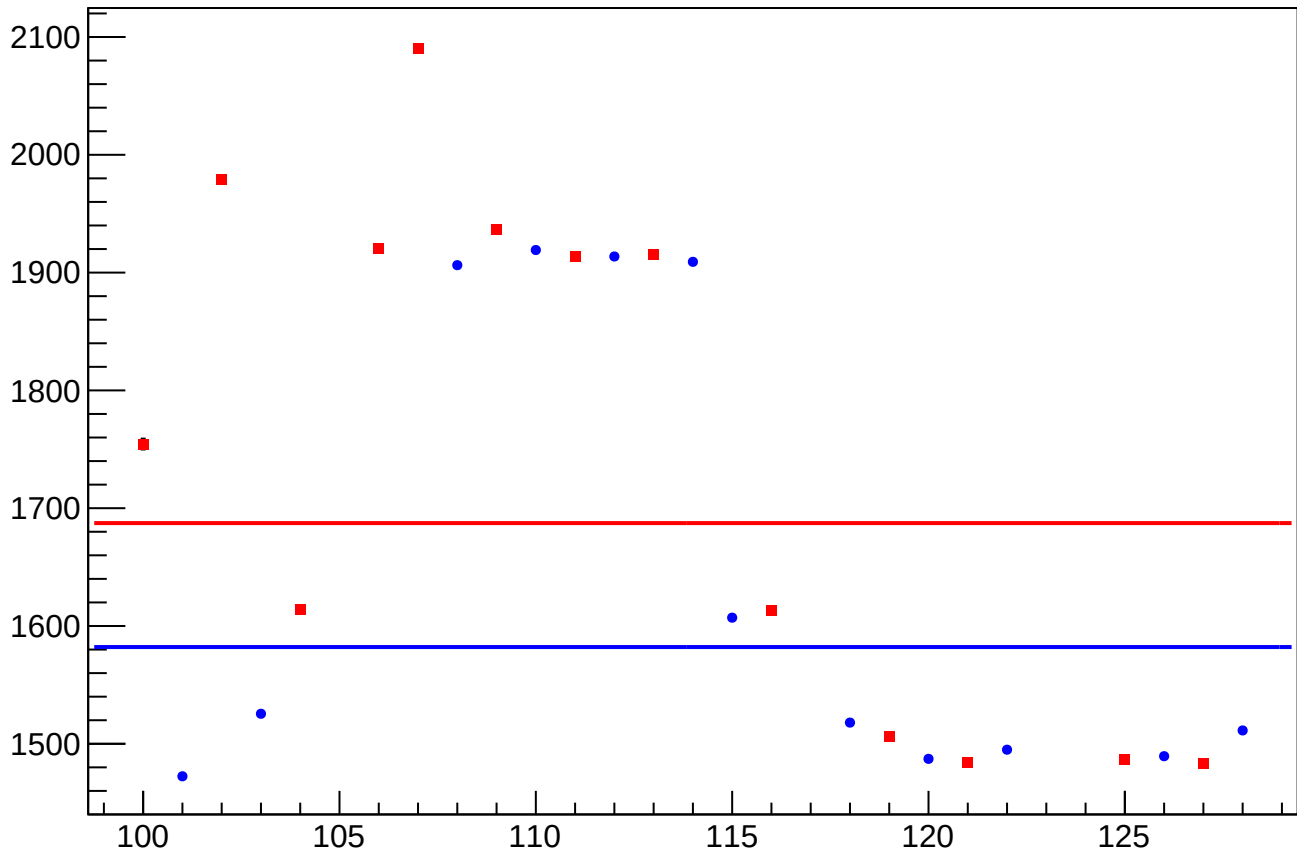
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.555+/-511.769 χ^2/NDF : 34.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl1_avg_rms vs Slug



Right In: 1582.131+/-0.502 χ^2/NDF : 104870.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1687.356+/-0.522 χ^2/NDF : 165104.9/12

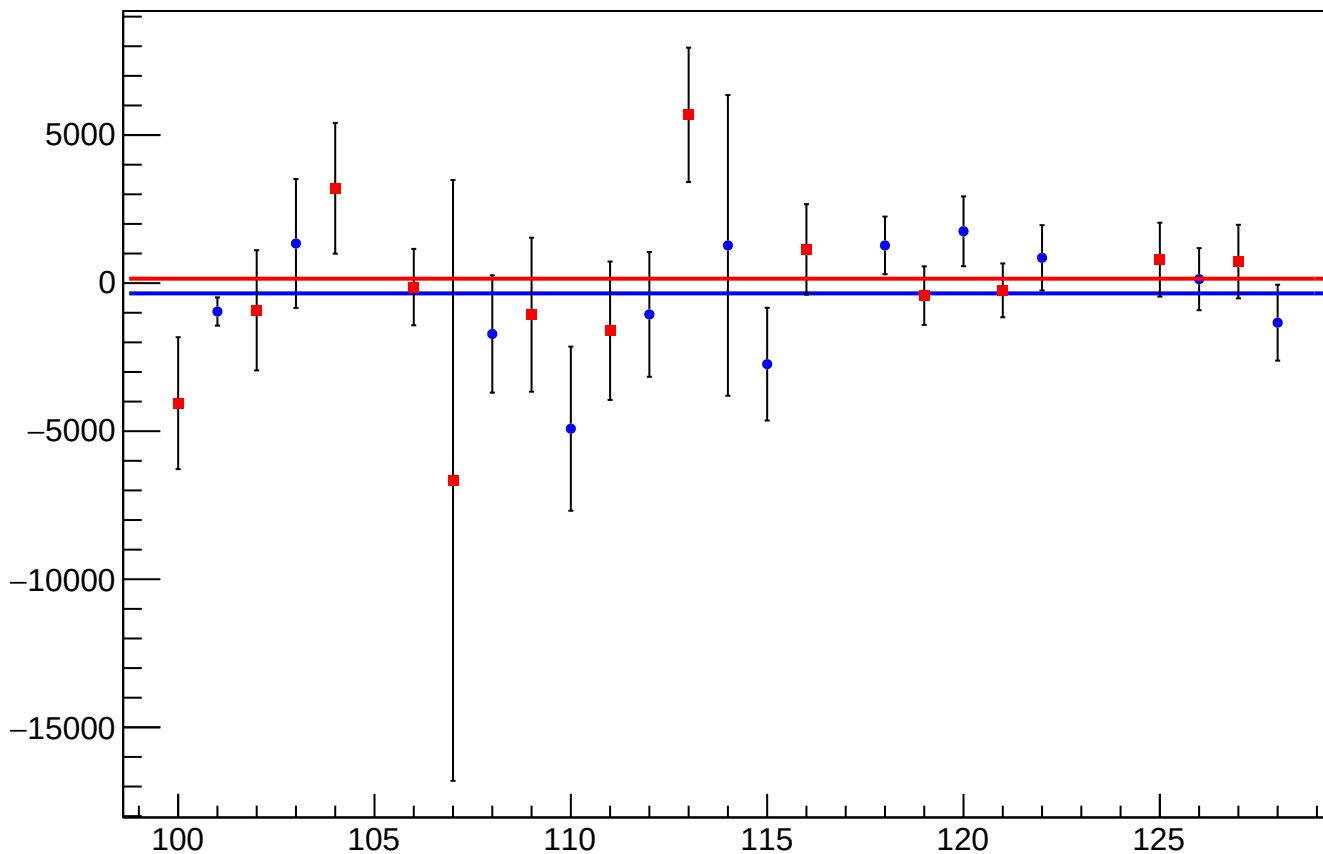
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1632.784+/-0.362 χ^2/NDF : 291083.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_dit_correction_mean vs Slug



Right In: -345.907 ± 321.915 χ^2/NDF : 15.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 150.811 ± 417.390 χ^2/NDF : 14.4/12

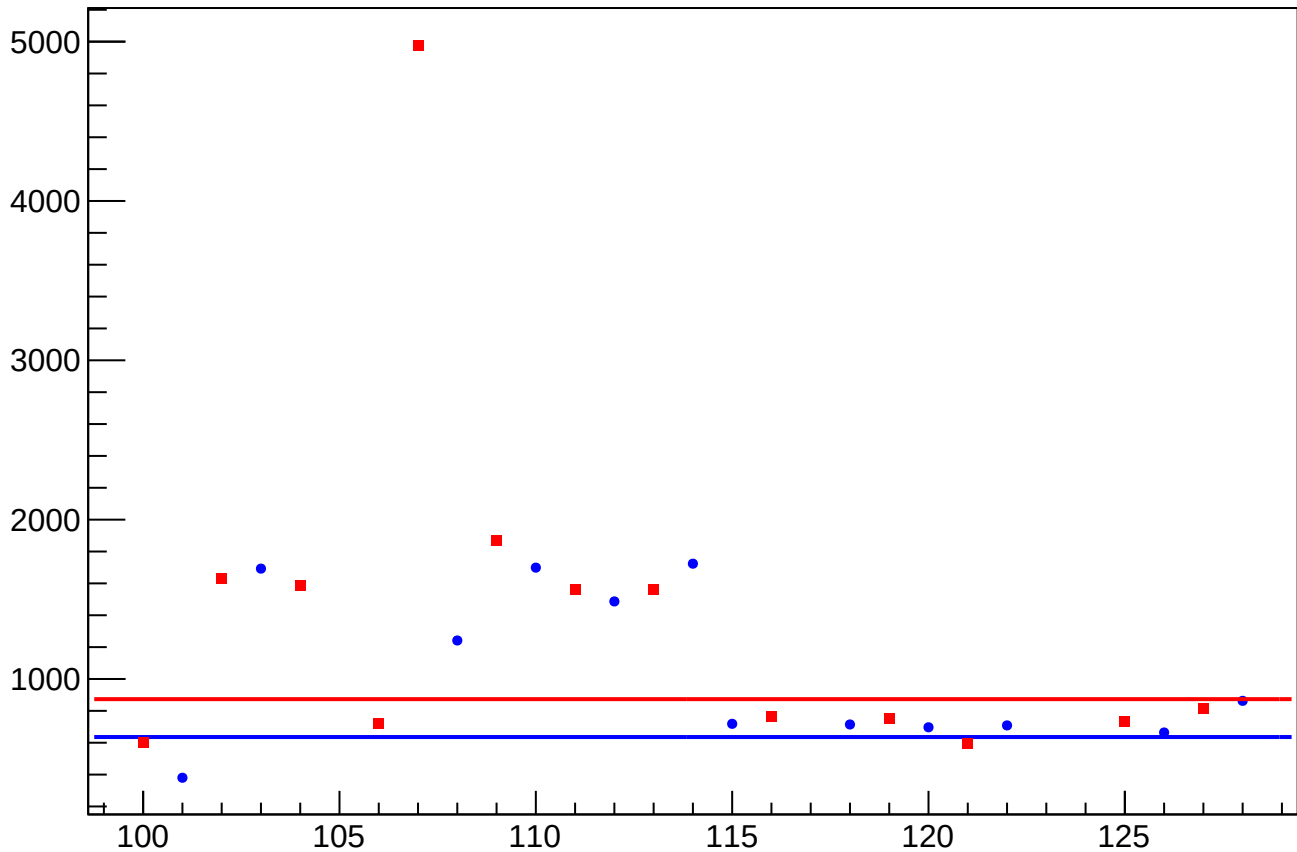
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -160.643 ± 254.908 χ^2/NDF : 30.5/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_dit_correction_rms vs Slug



Right In: 635.748+/-0.228 χ^2/NDF : 2040381.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 873.492+/-0.295 χ^2/NDF : 1775380.9/12

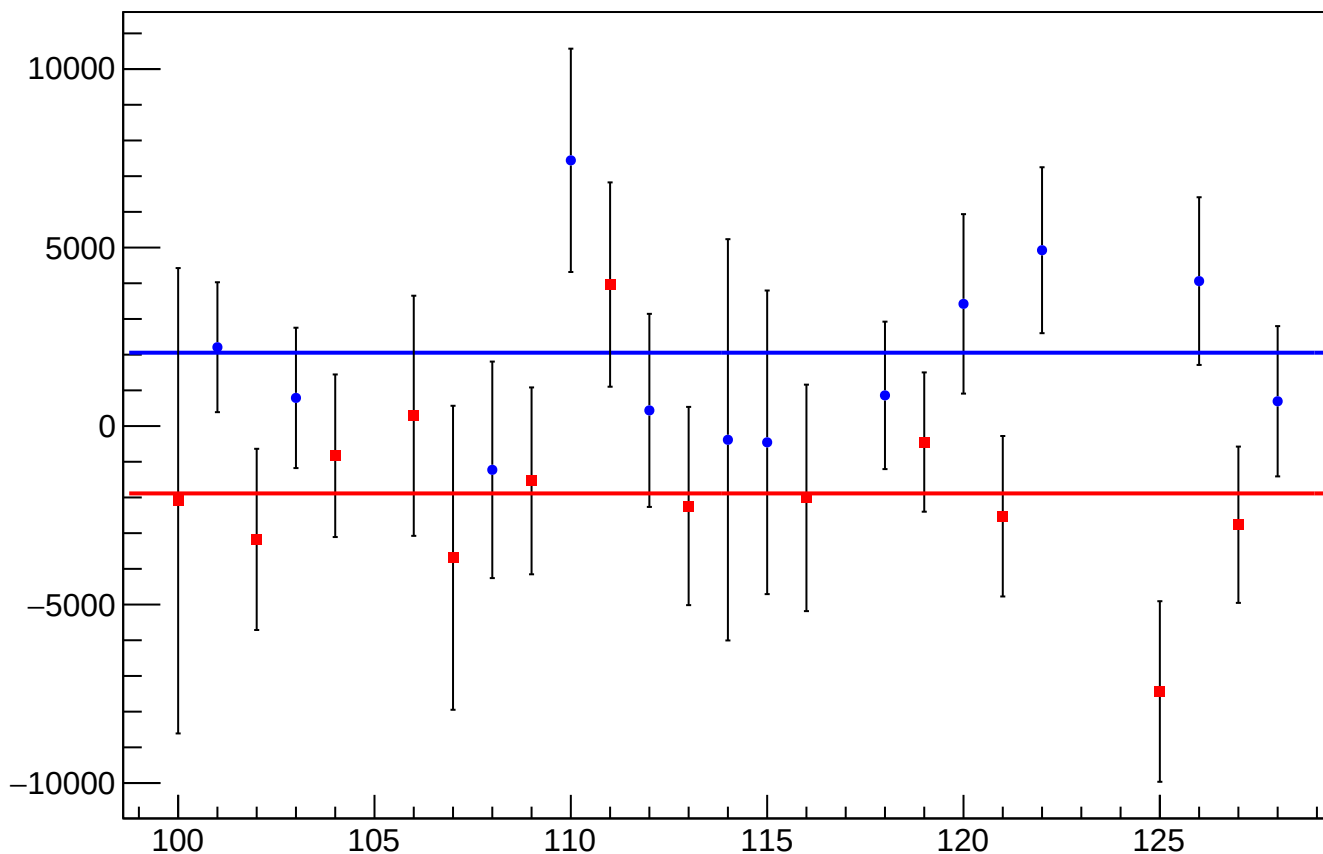
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 724.421+/-0.180 χ^2/NDF : 4222626.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl1_avg_mean vs Slug



Right In: 2055.064+/-710.634 χ^2/NDF : 8.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1886.803+/-737.620 χ^2/NDF : 10.9/12

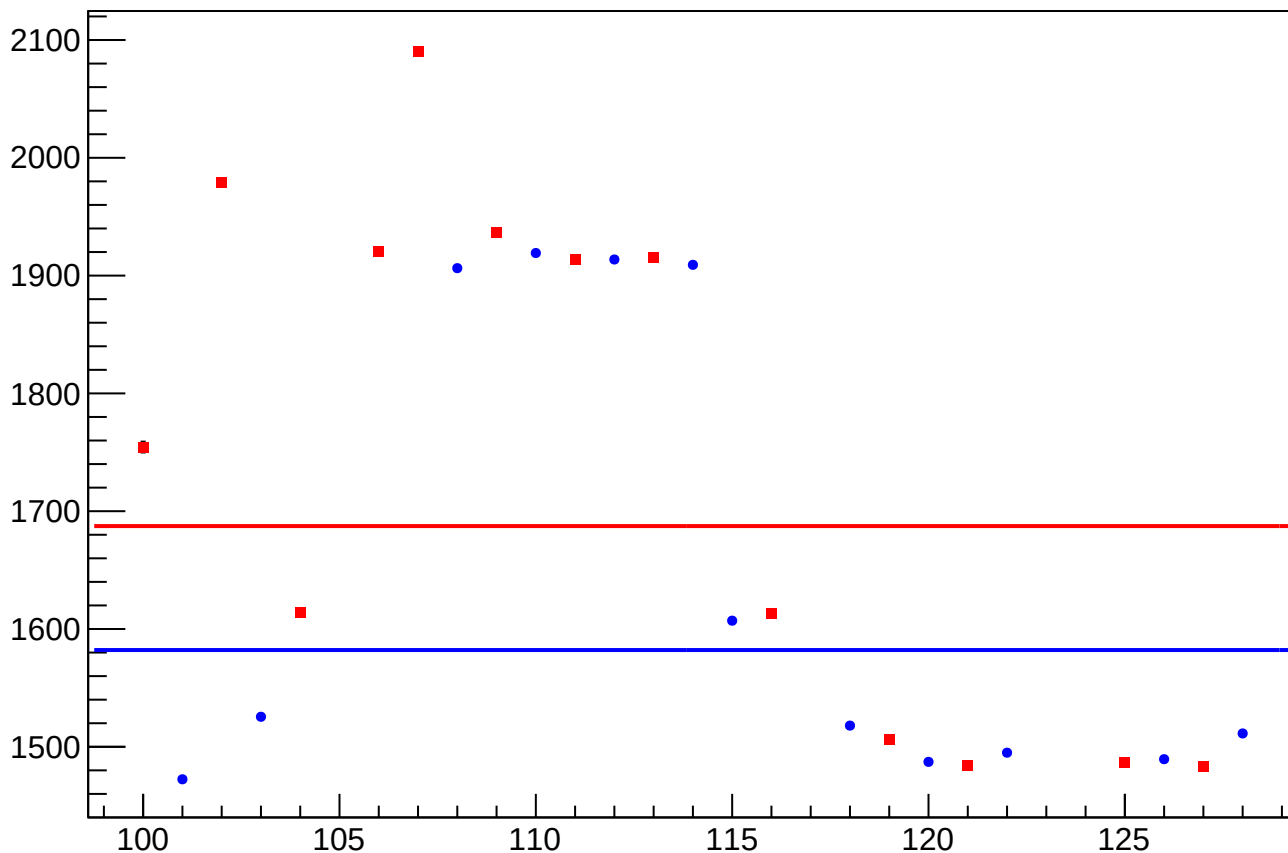
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.555+/-511.768 χ^2/NDF : 34.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl1_avg_rms vs Slug



Right In: 1582.131+/-0.502 χ^2/NDF : 104870.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1687.356+/-0.522 χ^2/NDF : 165104.9/12

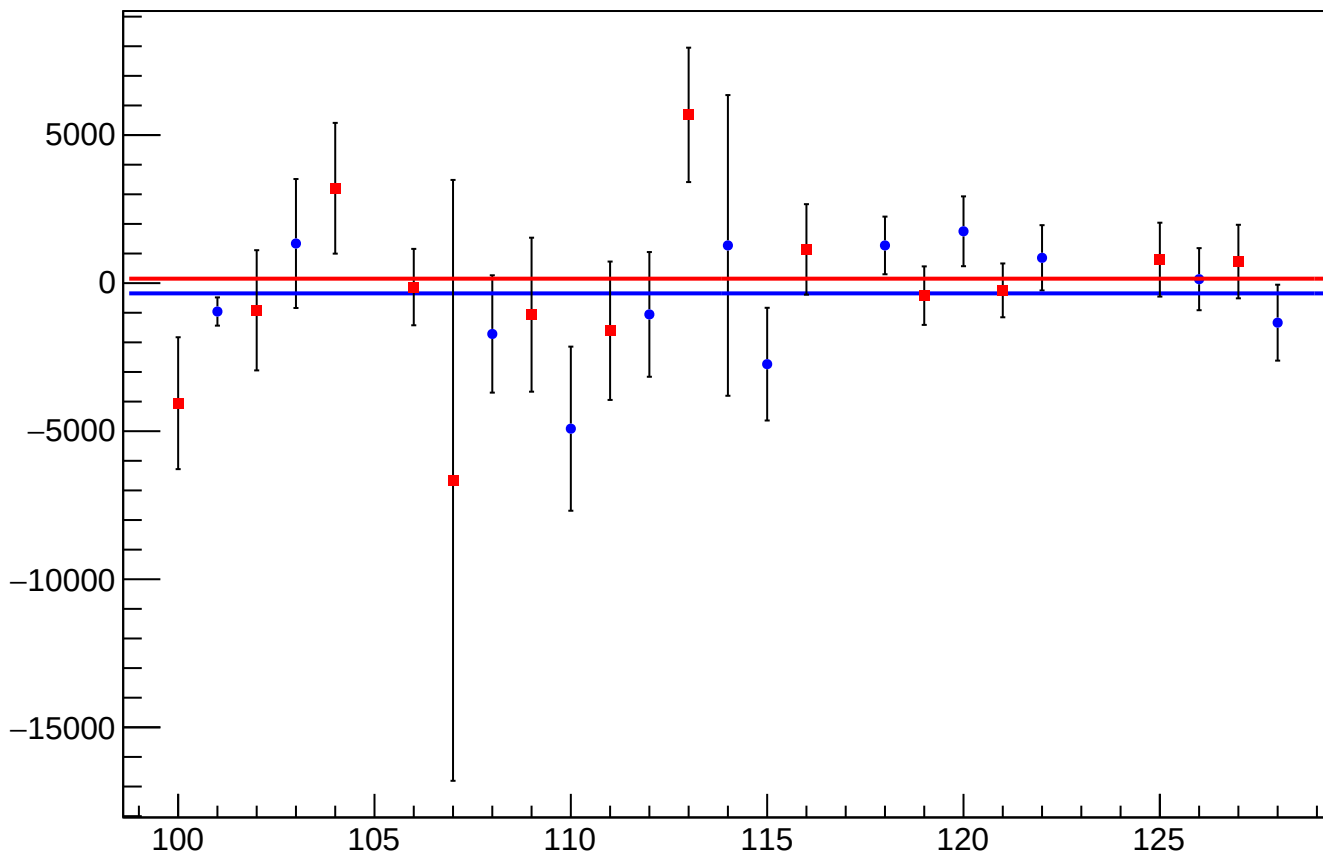
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1632.783+/-0.362 χ^2/NDF : 291083.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_dit_correction_mean vs Slug



Right In: -345.906+/-321.915 χ^2/NDF : 15.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.810+/-417.389 χ^2/NDF : 14.4/12

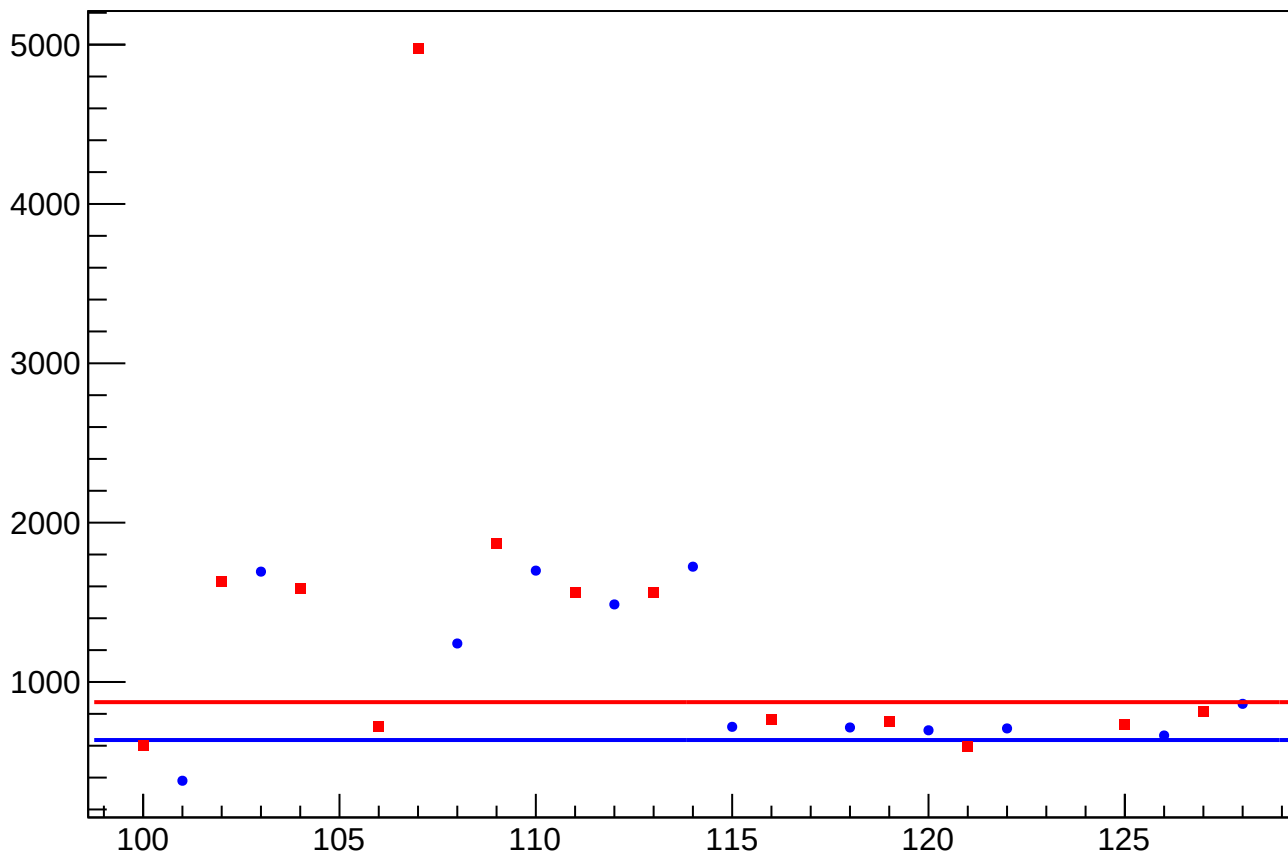
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -160.642+/-254.907 χ^2/NDF : 30.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_dit_correction_rms vs Slug



Right In: 635.748+/-0.228 χ^2/NDF : 2040374.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 873.491+/-0.295 χ^2/NDF : 1775388.2/12

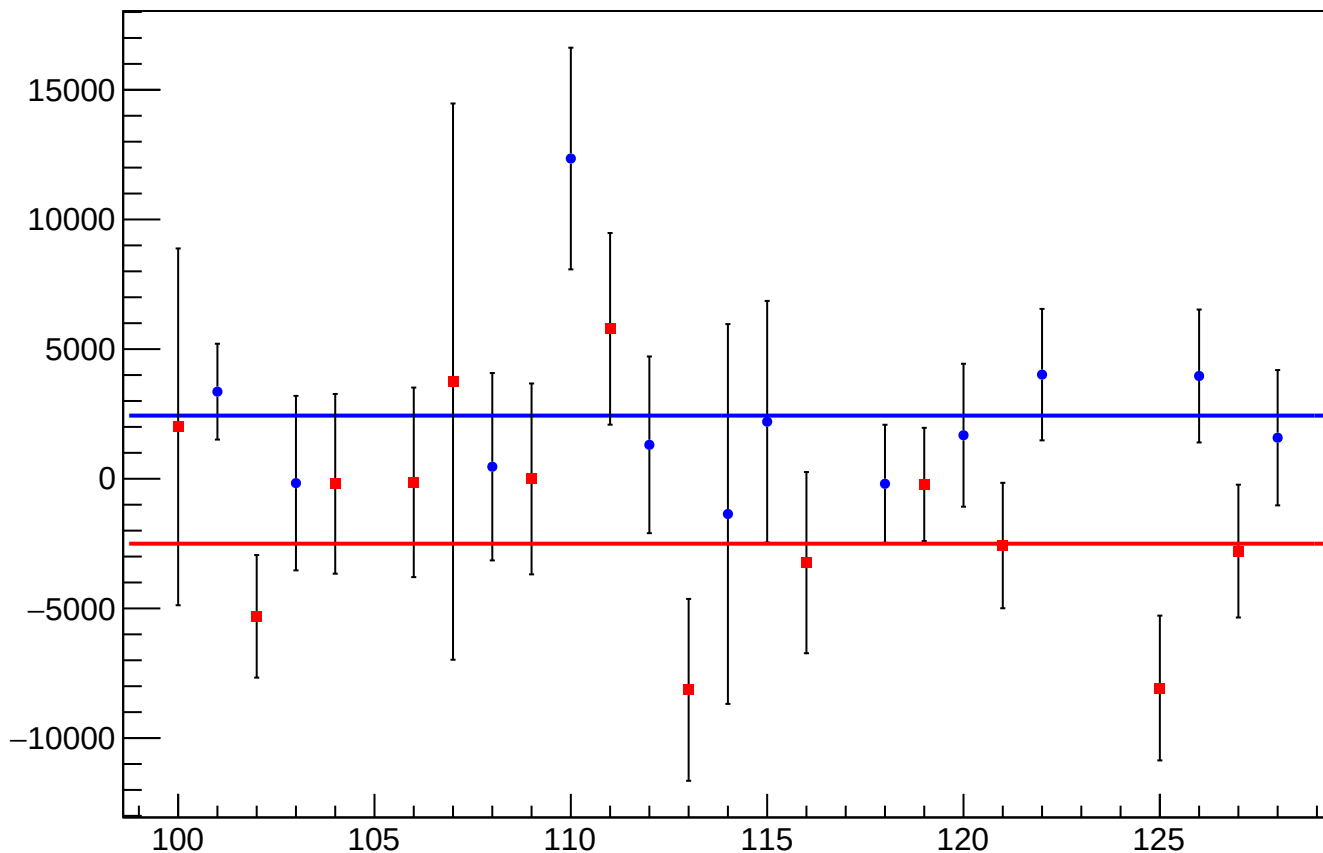
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 724.421+/-0.180 χ^2/NDF : 4222621.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_mean vs Slug



Right In: 2435.745 $\pm$ 832.545 χ^2 /NDF: 9.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2503.543 $\pm$ 864.350 χ^2 /NDF: 16.2/12

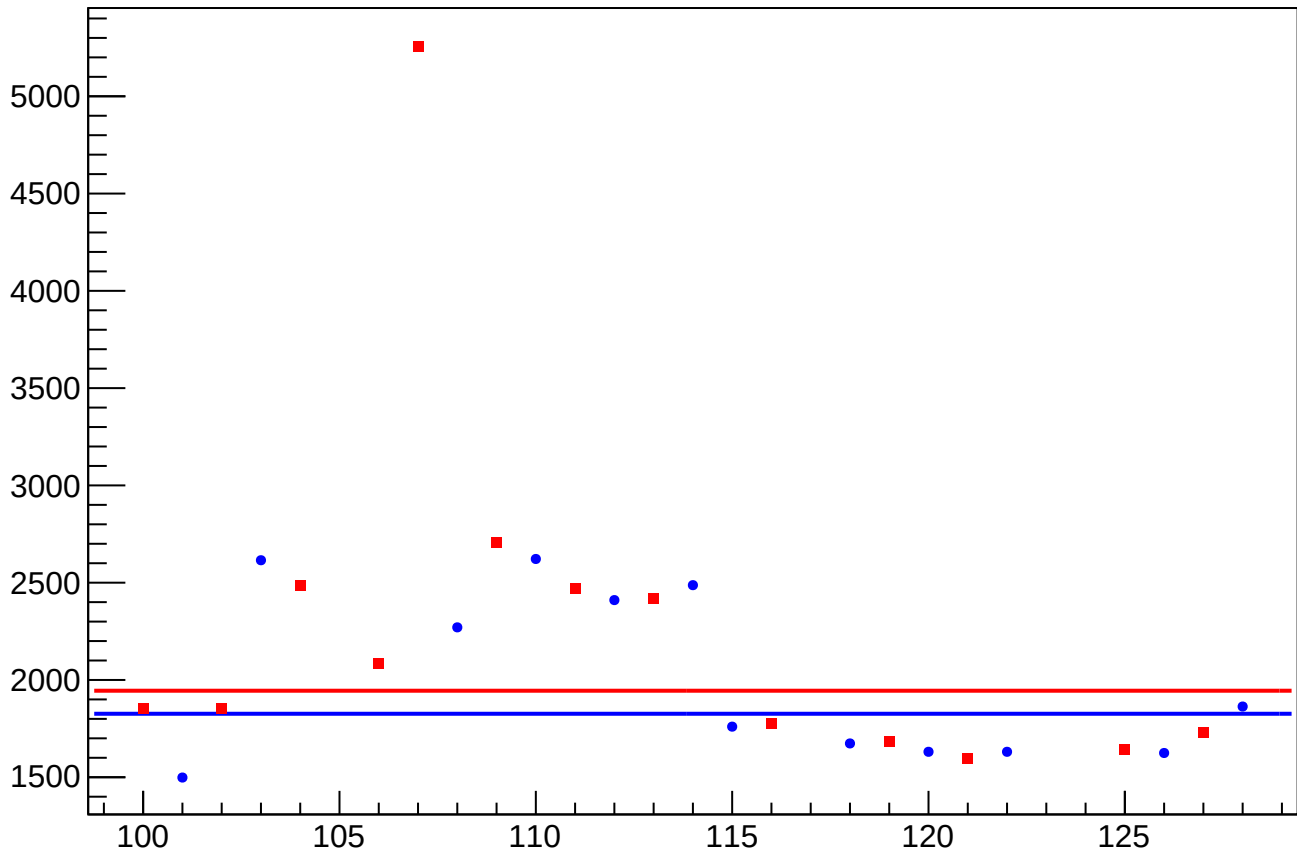
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 58.646 $\pm$ 599.627 χ^2 /NDF: 42.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_rms vs Slug



Right In: 1826.294+/-0.589 χ^2/NDF : 391663.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1944.719+/-0.611 χ^2/NDF : 521111.2/12

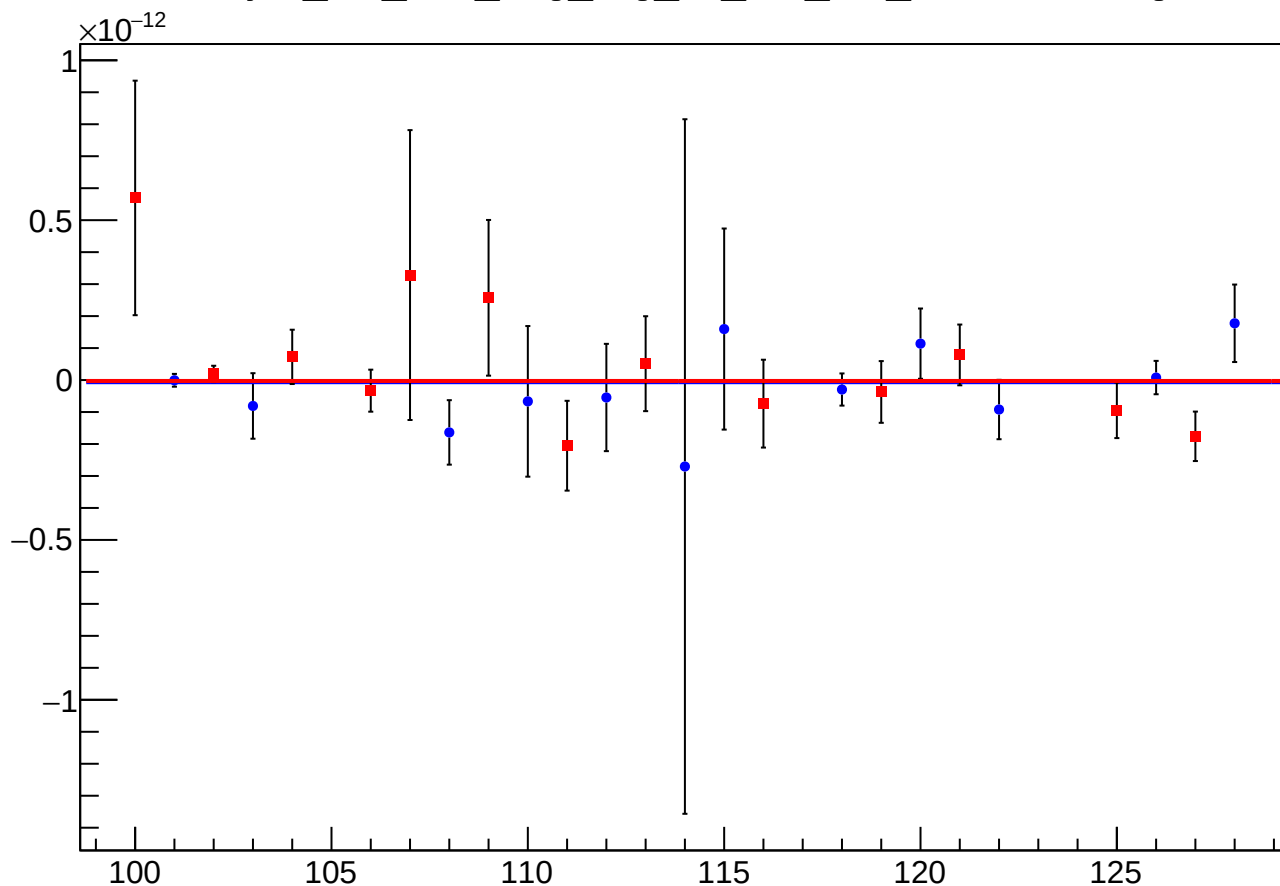
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1883.288+/-0.424 χ^2/NDF : 932249.8/24

- 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: 8.2/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 15.3/12

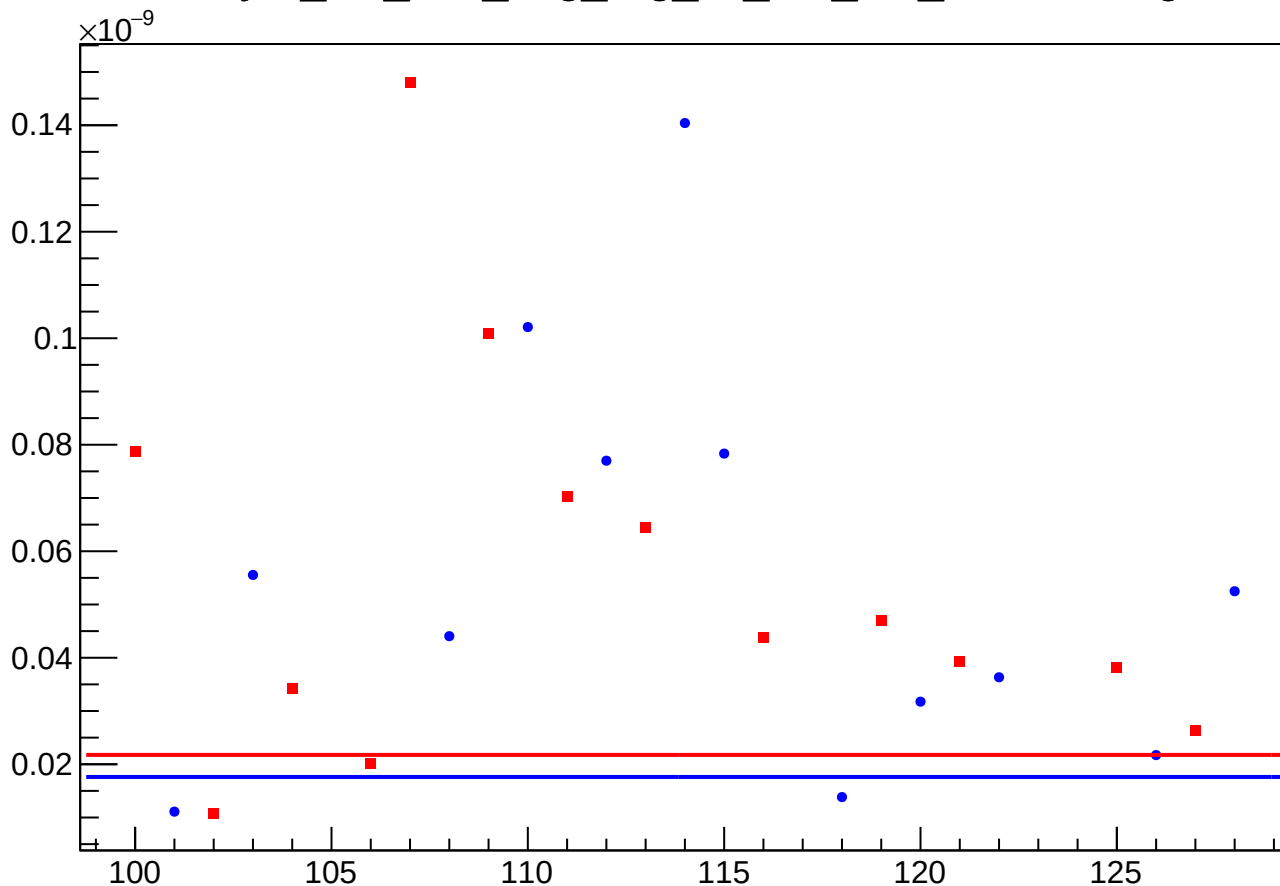
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 23.5/24

- 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 : 1535688.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1571978.5/12

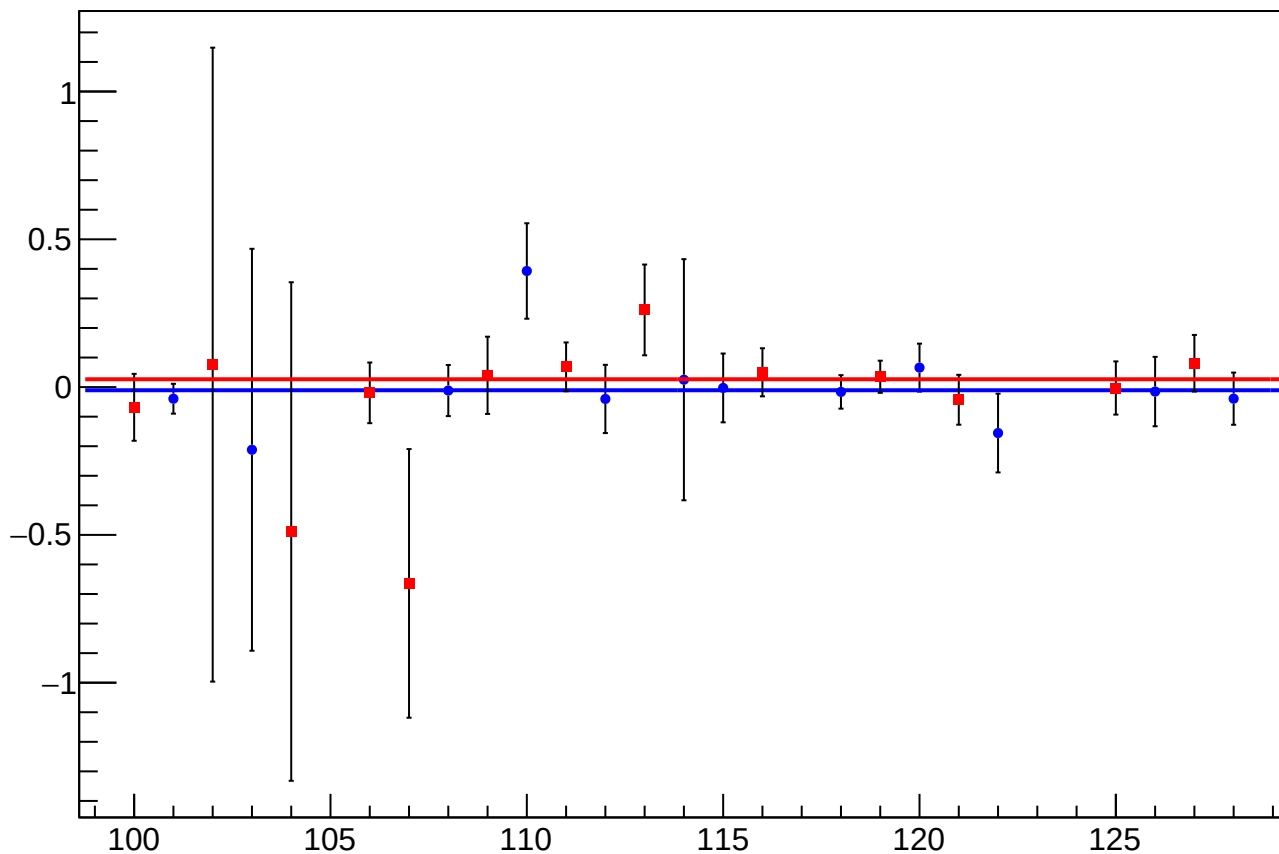
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3160451.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.011 $\pm$ 0.026 χ^2 /NDF: 8.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.027 $\pm$ 0.028 χ^2 /NDF: 7.4/12

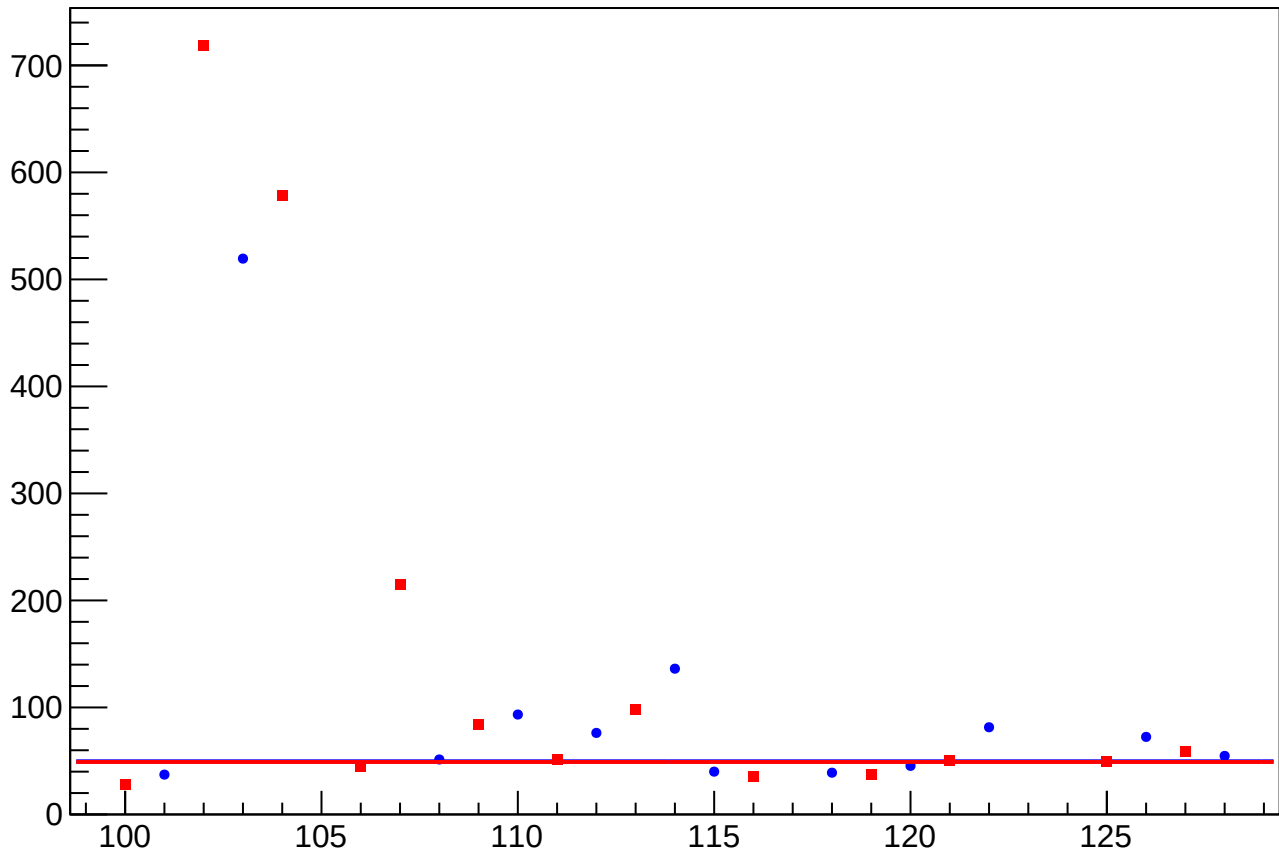
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.019 χ^2 /NDF: 17.3/24

- 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: 49.651+/-0.019 χ^2/NDF : 1705233.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.062+/-0.020 χ^2/NDF : 2421668.5/12

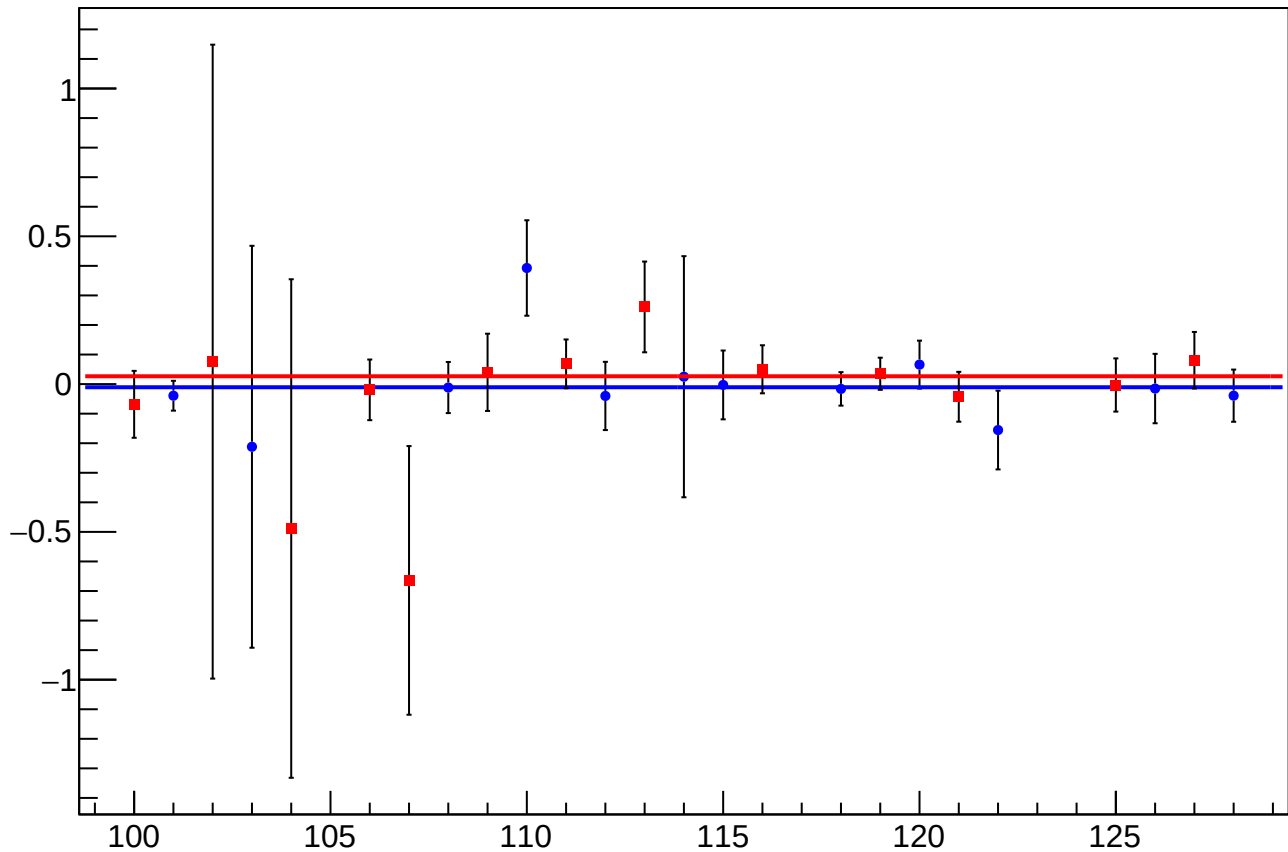
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.373+/-0.014 χ^2/NDF : 4127373.8/24

- 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: -0.011 ± 0.026 χ^2/NDF : 8.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.027 ± 0.028 χ^2/NDF : 7.4/12

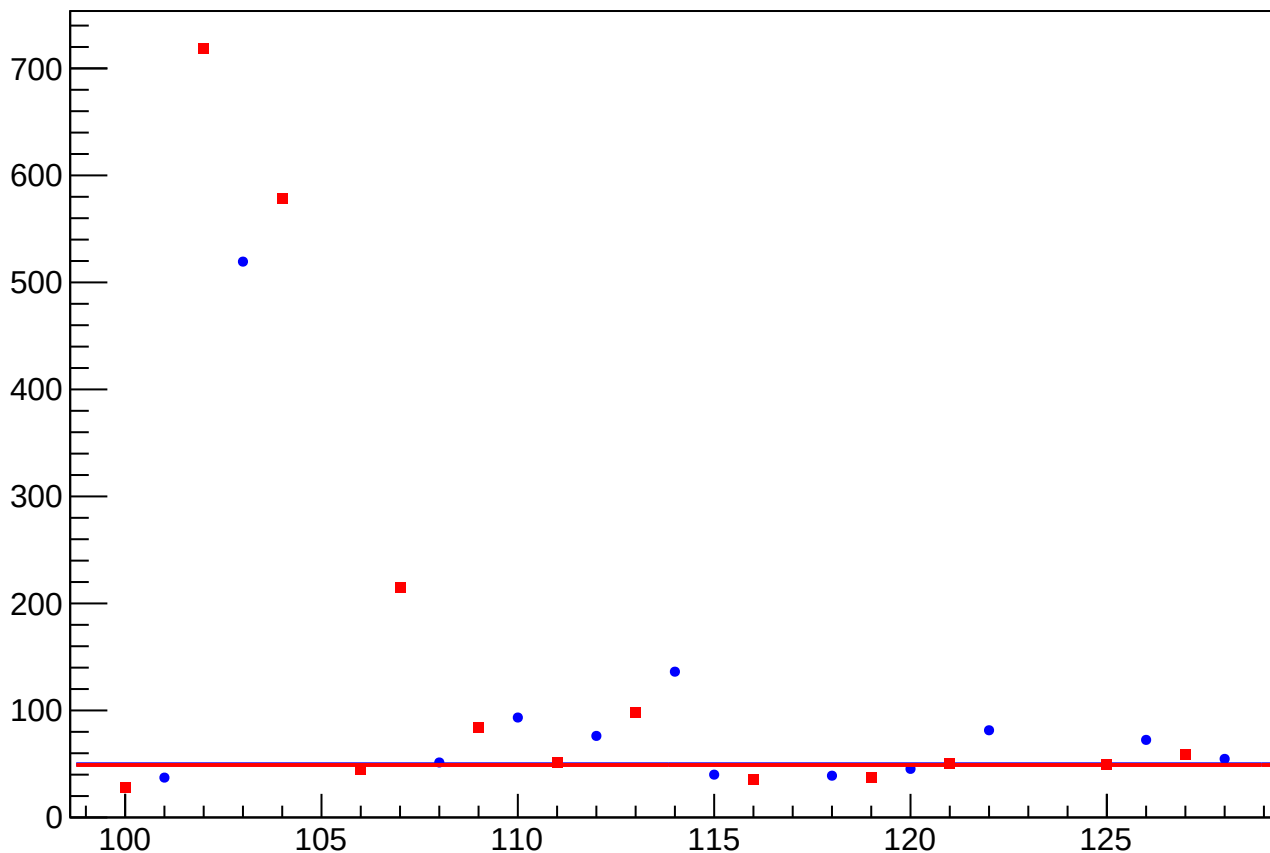
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.007 ± 0.019 χ^2/NDF : 17.3/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 49.651+/-0.019 χ^2/NDF : 1705233.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.062+/-0.020 χ^2/NDF : 2421668.5/12

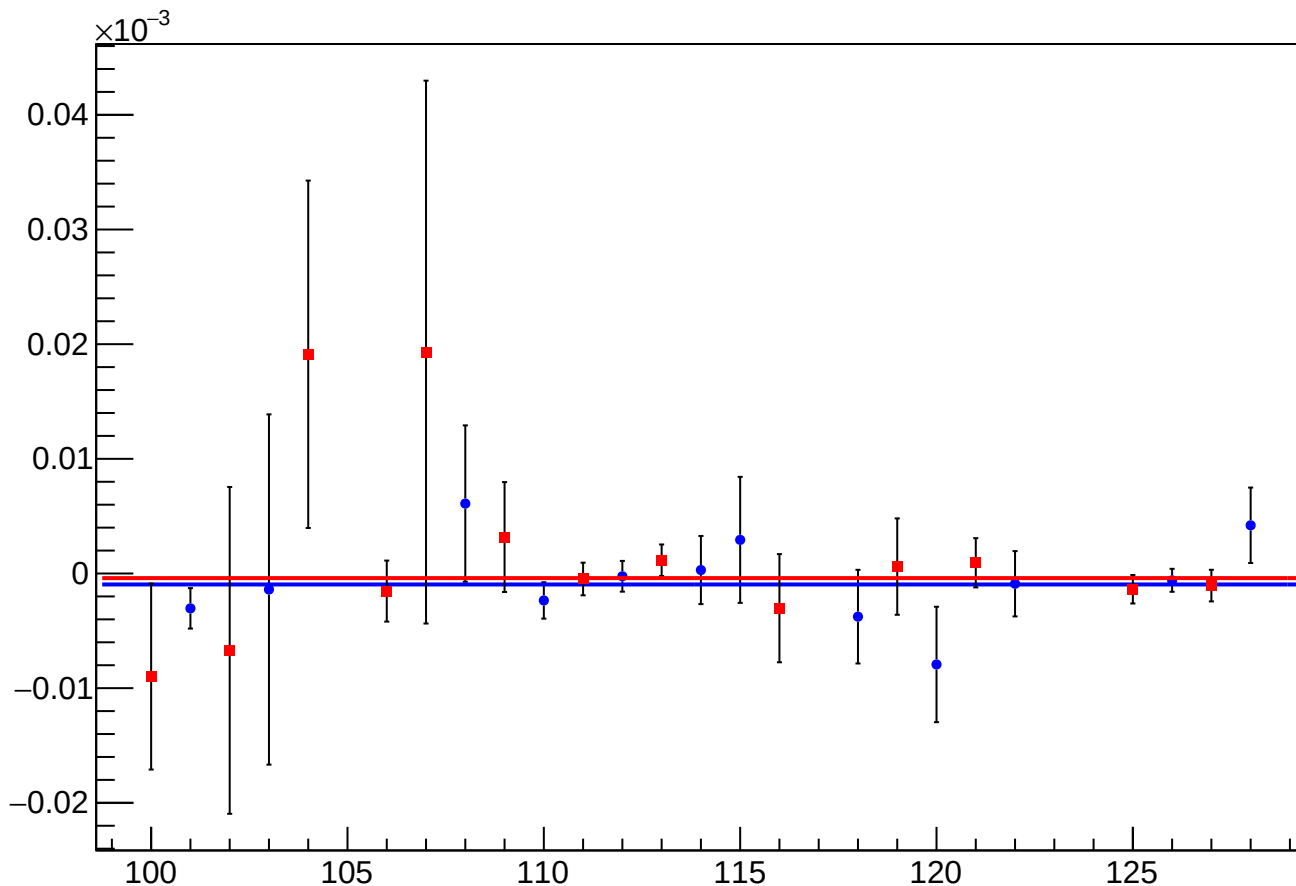
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.373+/-0.014 χ^2/NDF : 4127373.8/24

- 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: 9.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.3/12

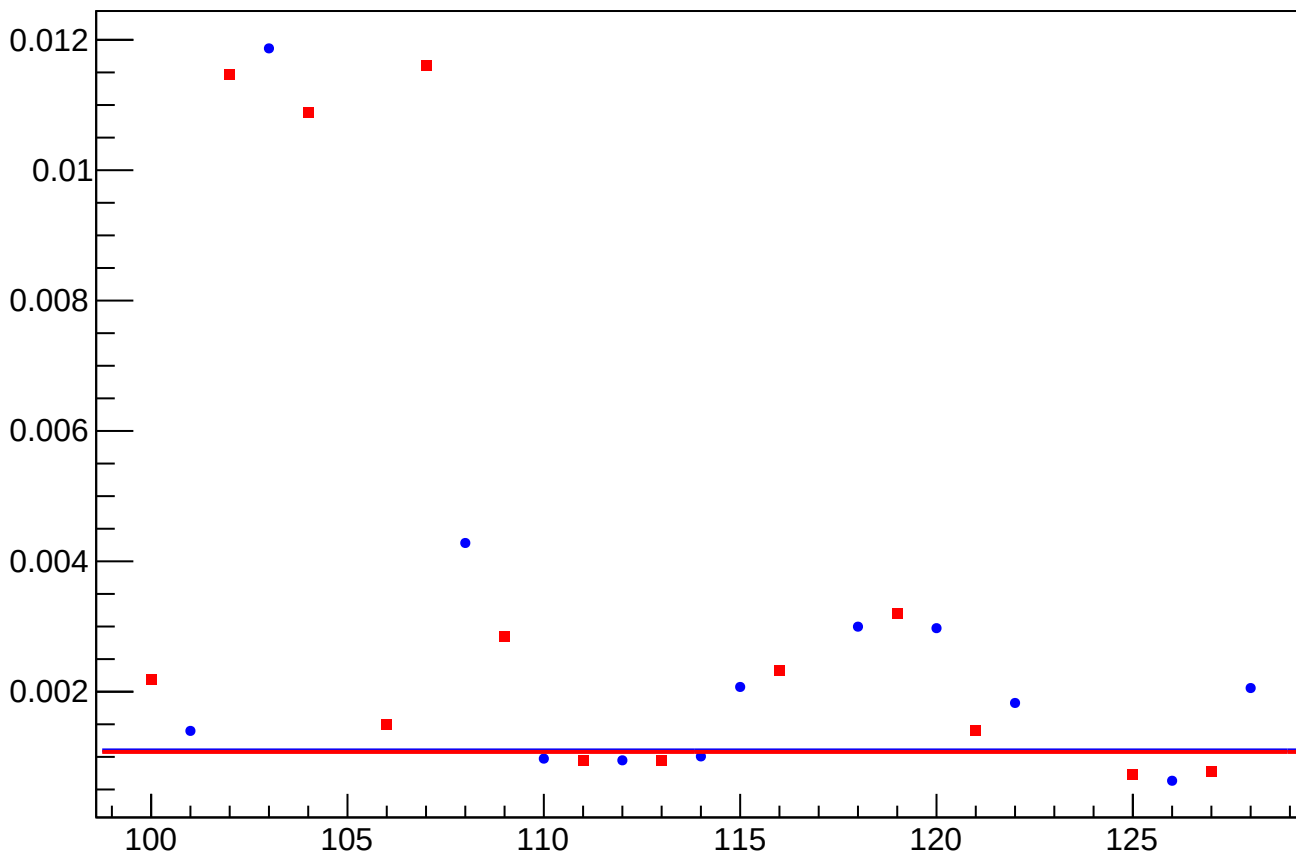
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 16.9/24

- 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 : 3032213.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3636903.0/12

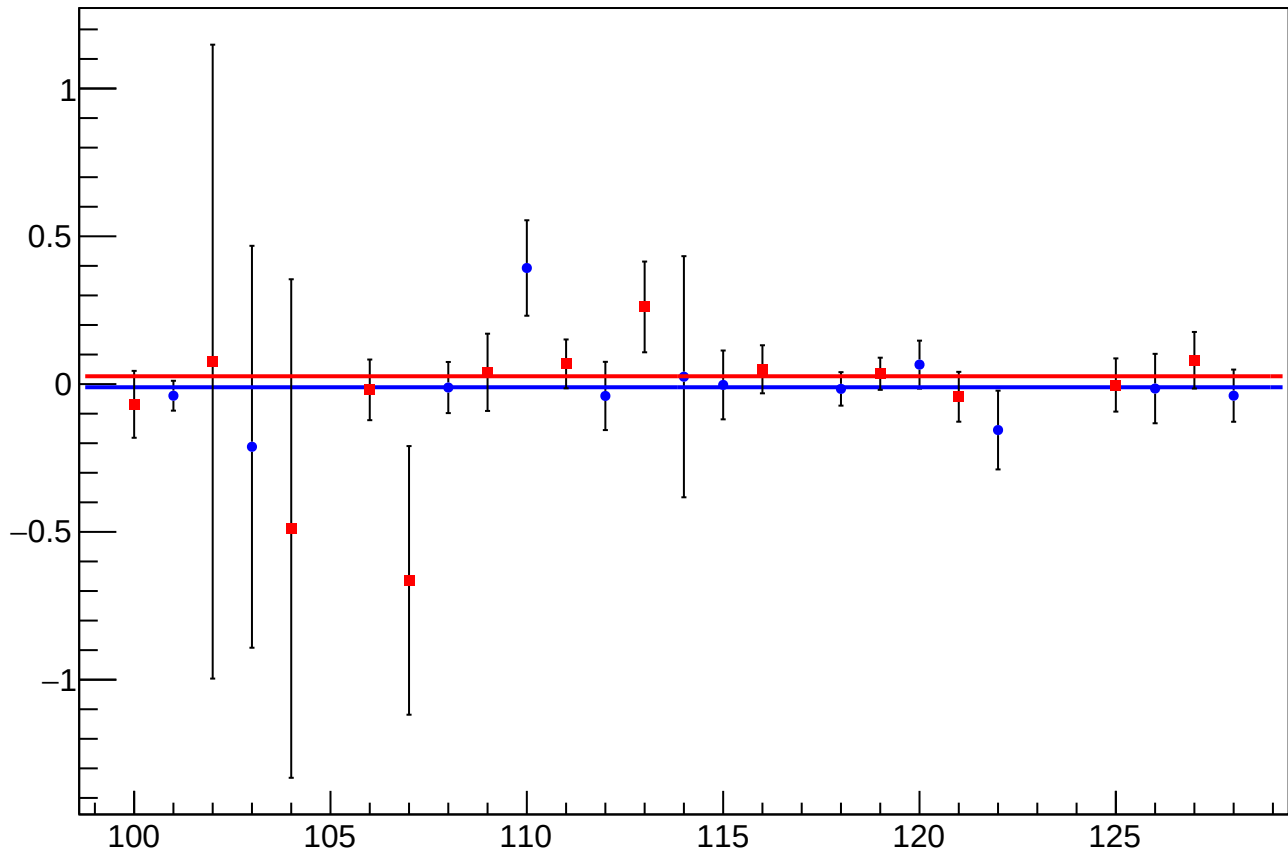
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6670556.6/24

- 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: -0.011 ± 0.026 χ^2/NDF : 8.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.027 ± 0.028 χ^2/NDF : 7.4/12

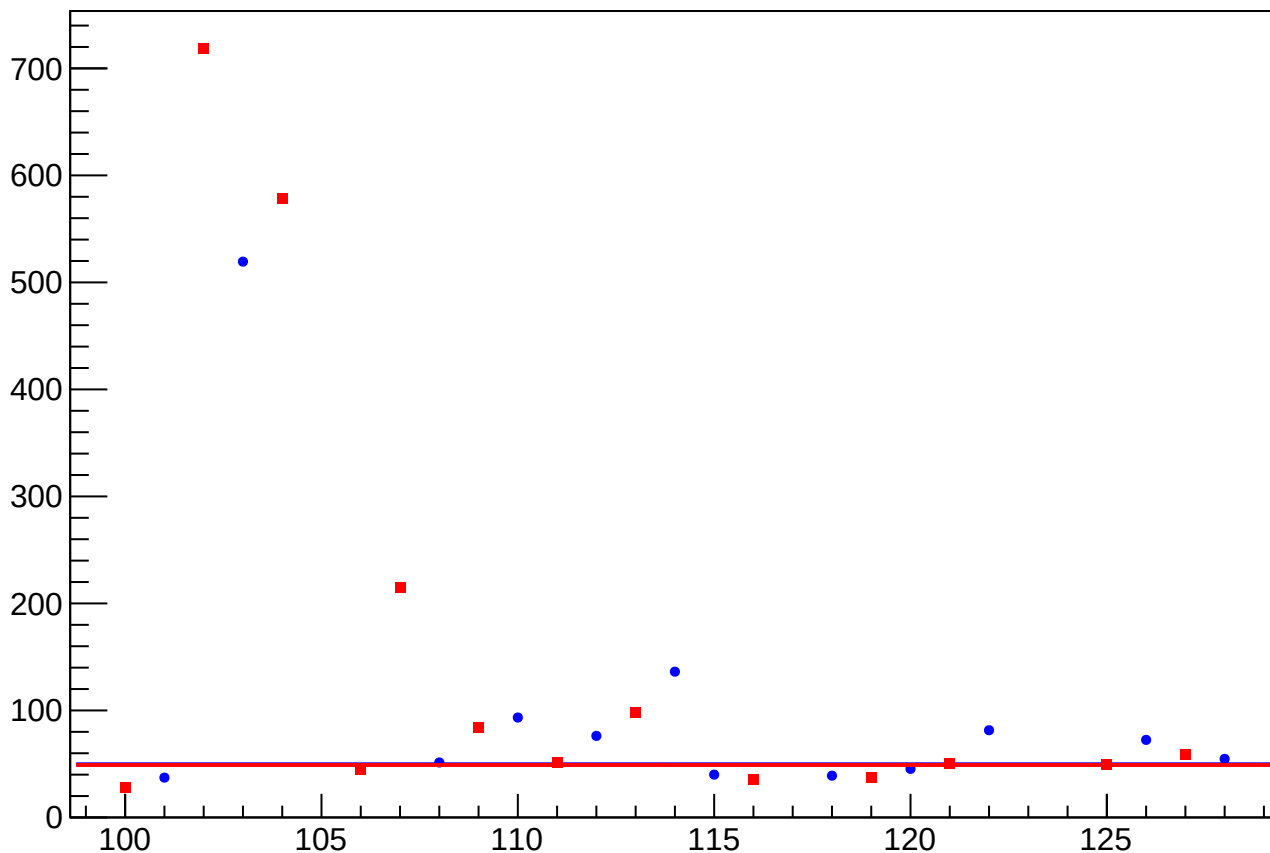
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.007 ± 0.019 χ^2/NDF : 17.3/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 49.651+/-0.019 χ^2/NDF : 1705233.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.062+/-0.020 χ^2/NDF : 2421674.6/12

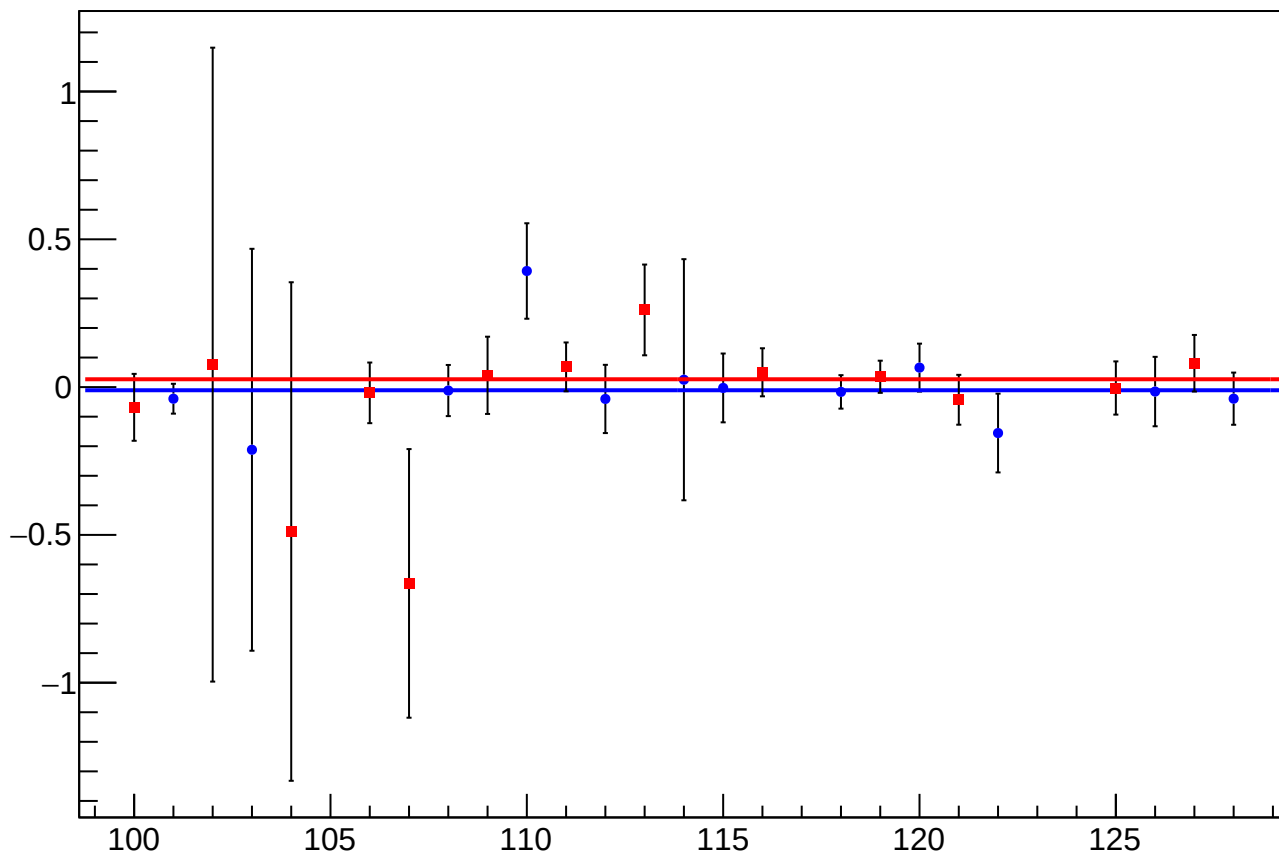
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.372+/-0.014 χ^2/NDF : 4127380.6/24

- 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: -0.011 $\pm$ 0.026 χ^2 /NDF: 8.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.027 $\pm$ 0.028 χ^2 /NDF: 7.4/12

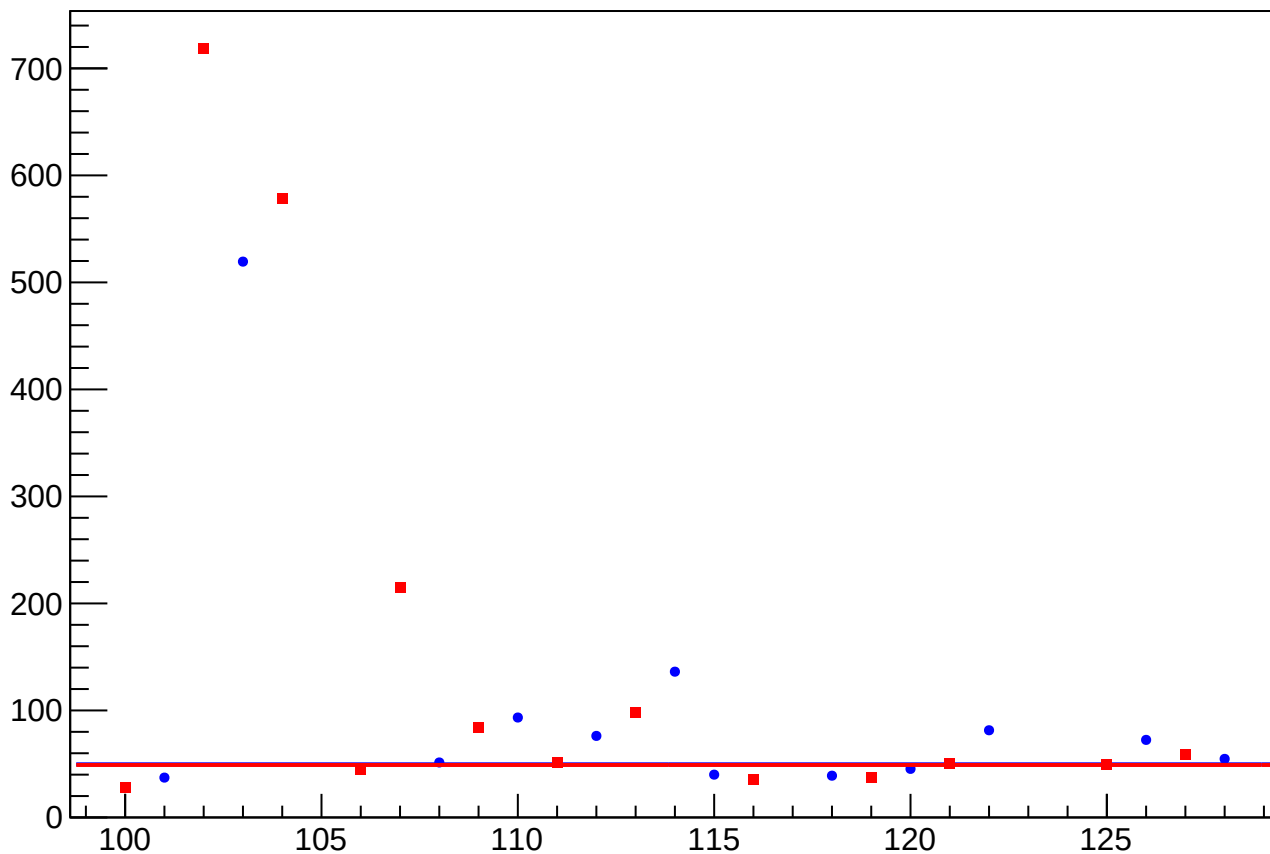
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.019 χ^2 /NDF: 17.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 49.651+/-0.019 χ^2/NDF : 1705233.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.062+/-0.020 χ^2/NDF : 2421674.6/12

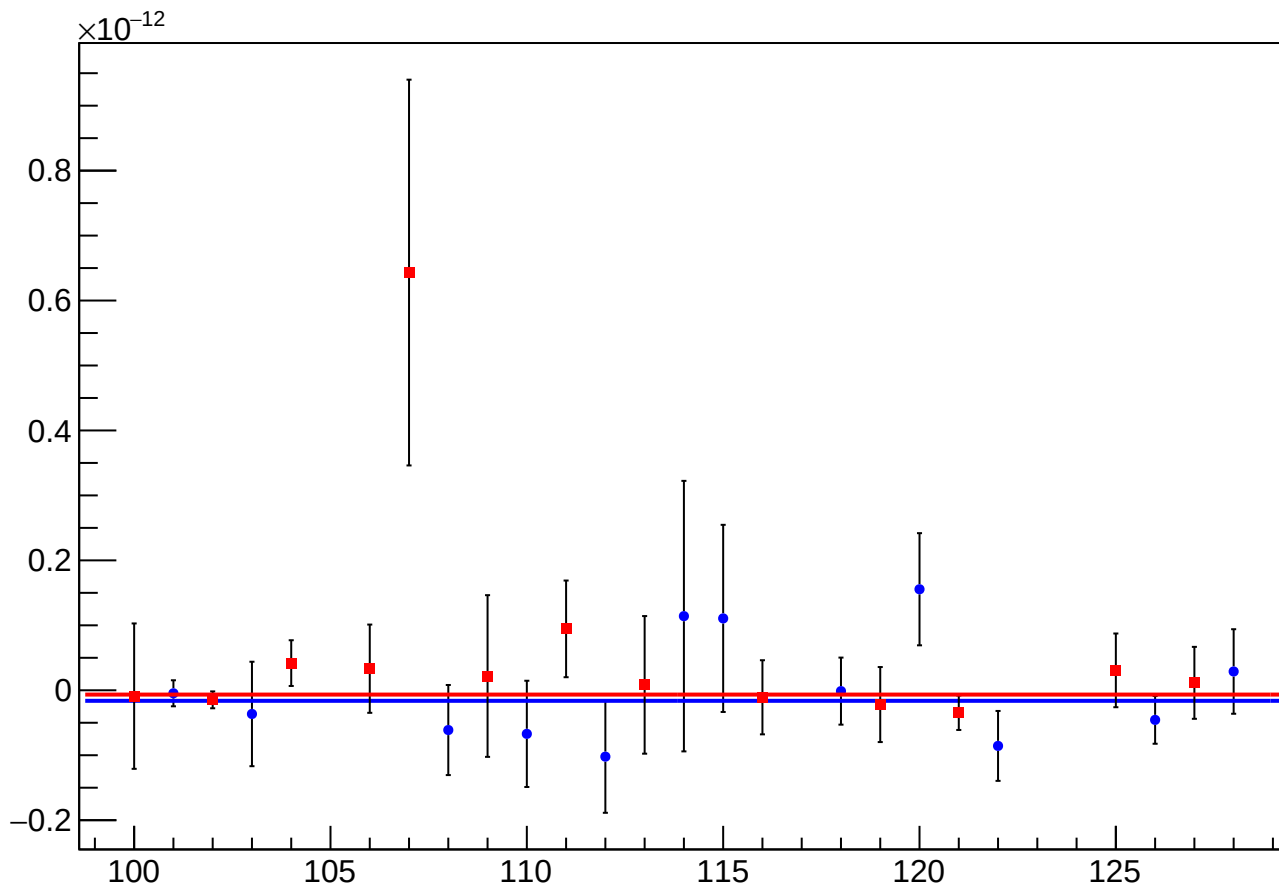
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.372+/-0.014 χ^2/NDF : 4127380.6/24

- 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 : 10.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 11.1/12

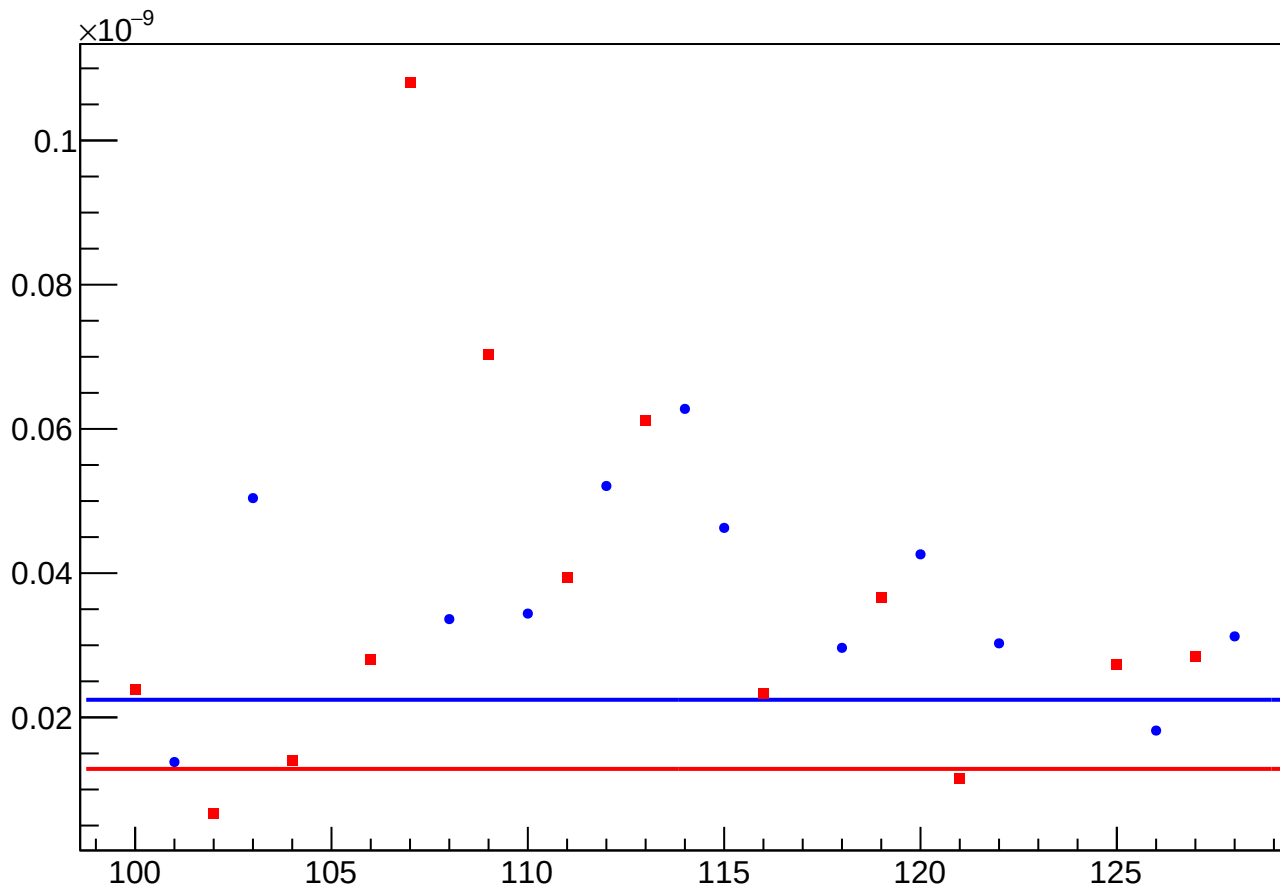
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 21.6/24

- 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 : 1326927.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2581361.9/12

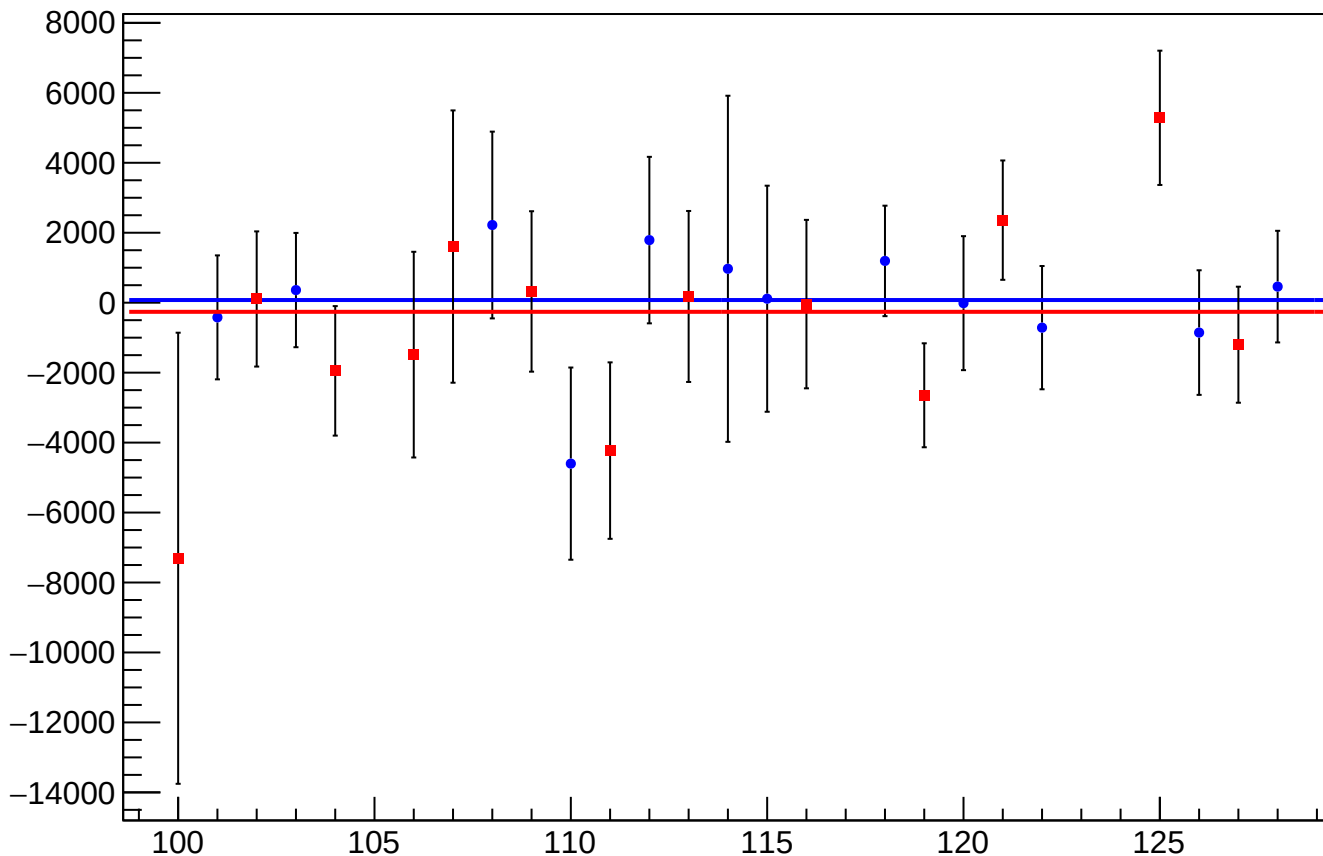
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4525403.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_dd_mean vs Slug



Right In: 75.955+/-579.038 χ^2 /NDF: 5.2/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -260.993+/-588.897 χ^2 /NDF: 18.7/12

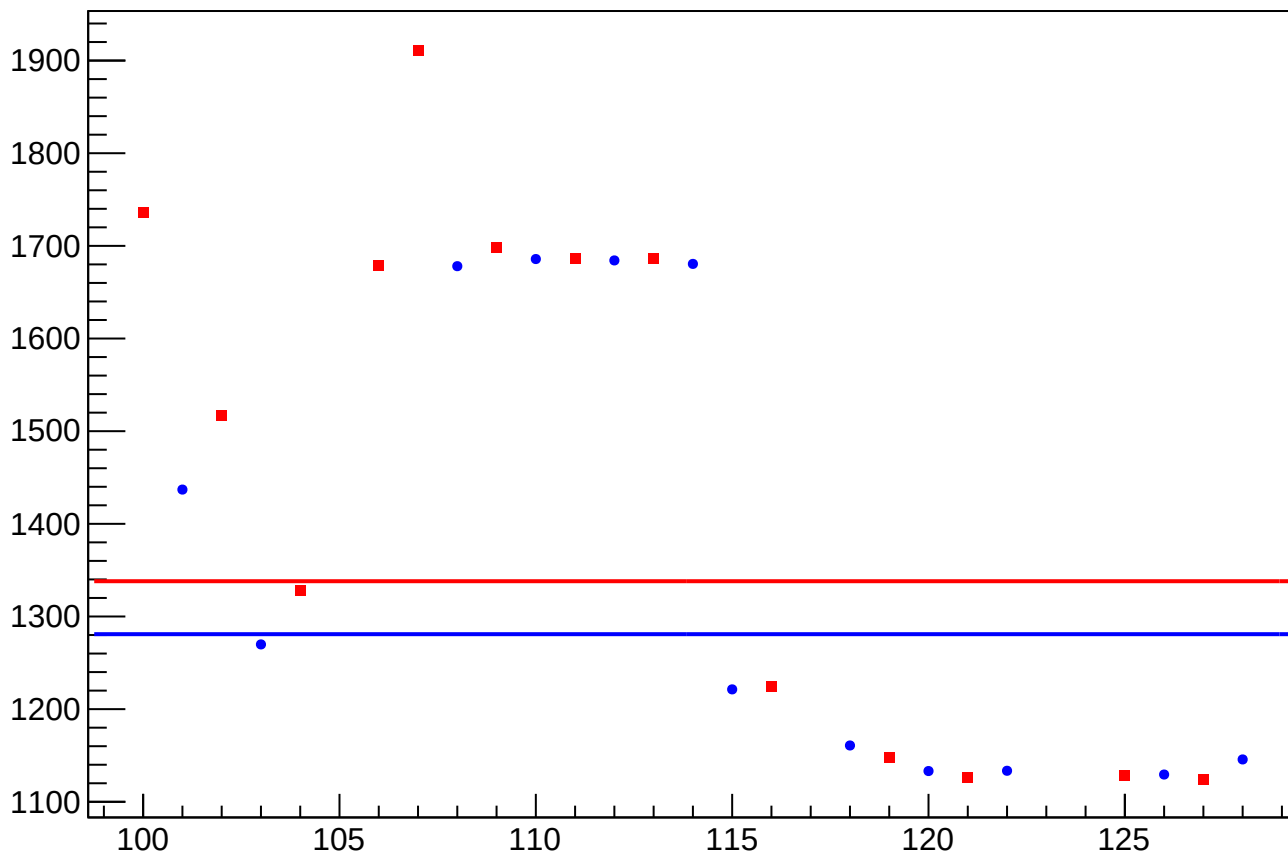
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -89.675+/-412.883 χ^2 /NDF: 24.1/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_dd_rms vs Slug



Right In: 1280.910+/-0.409 χ^2/NDF : 240764.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1338.077+/-0.416 χ^2/NDF : 348359.7/12

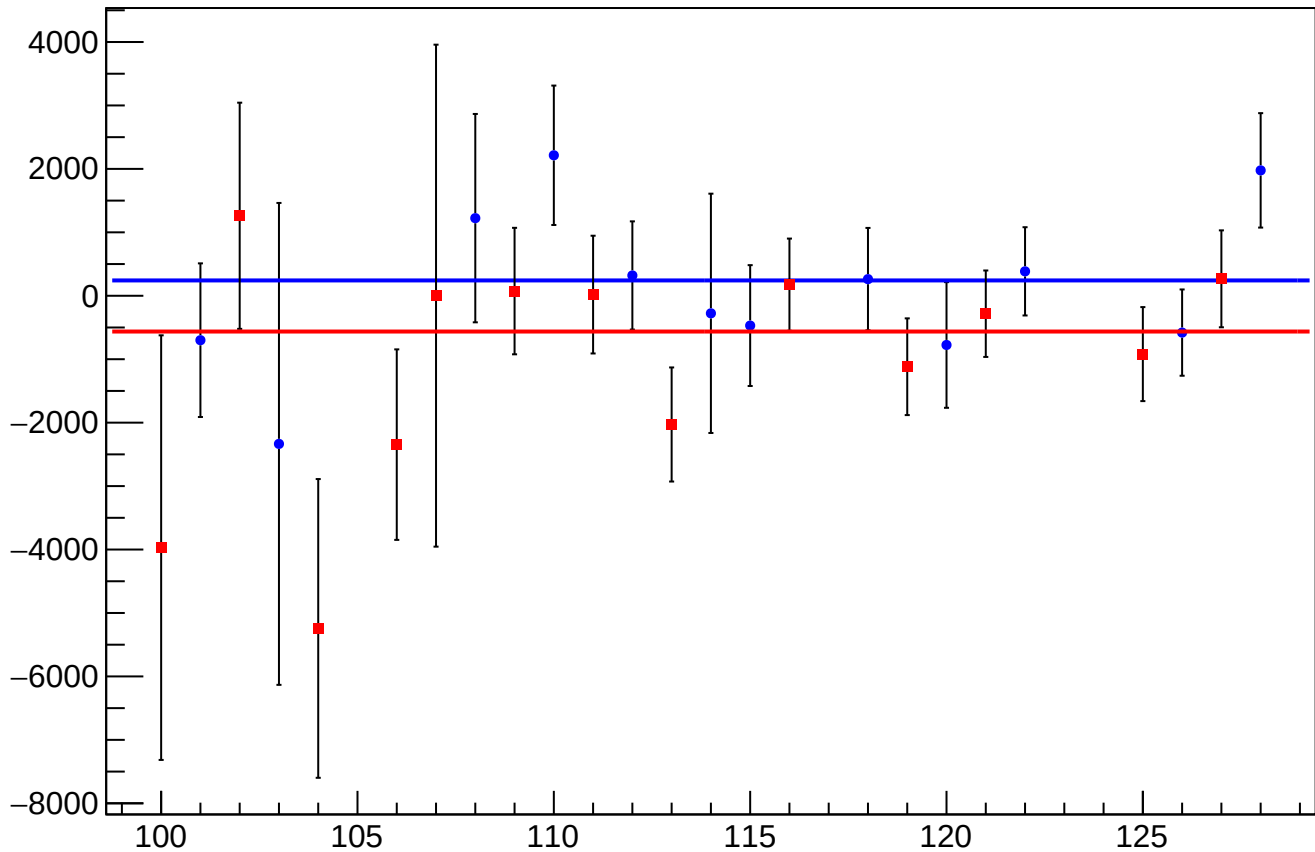
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1309.011+/-0.292 χ^2/NDF : 598706.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_reg_correction_mean vs Slug



Right In: 241.798 $\pm$ 280.359 χ^2 /NDF: 11.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -563.634 $\pm$ 269.197 χ^2 /NDF: 14.1/12

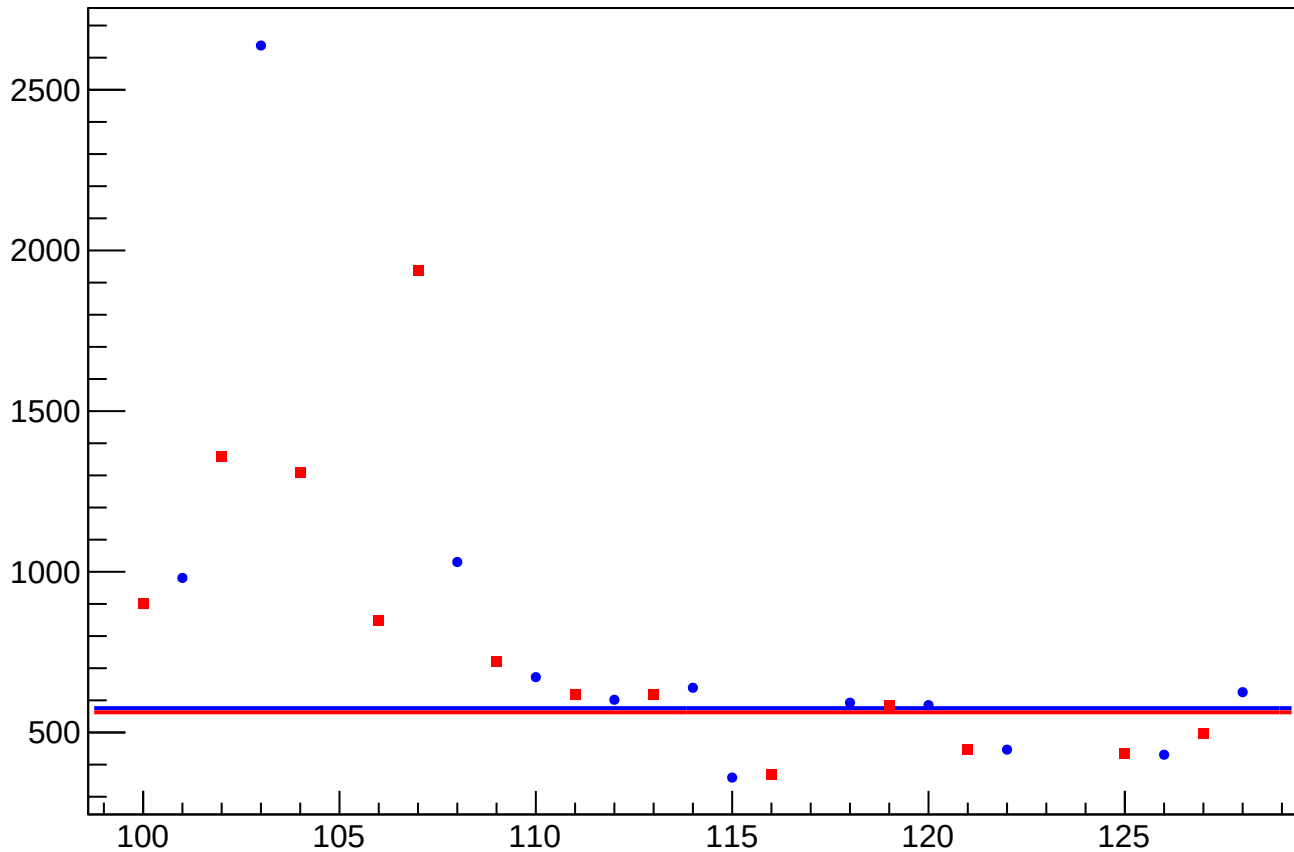
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -177.270 $\pm$ 194.177 χ^2 /NDF: 29.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_reg_correction_rms vs Slug



Right In: 575.700+/-0.198 χ^2/NDF : 1256264.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

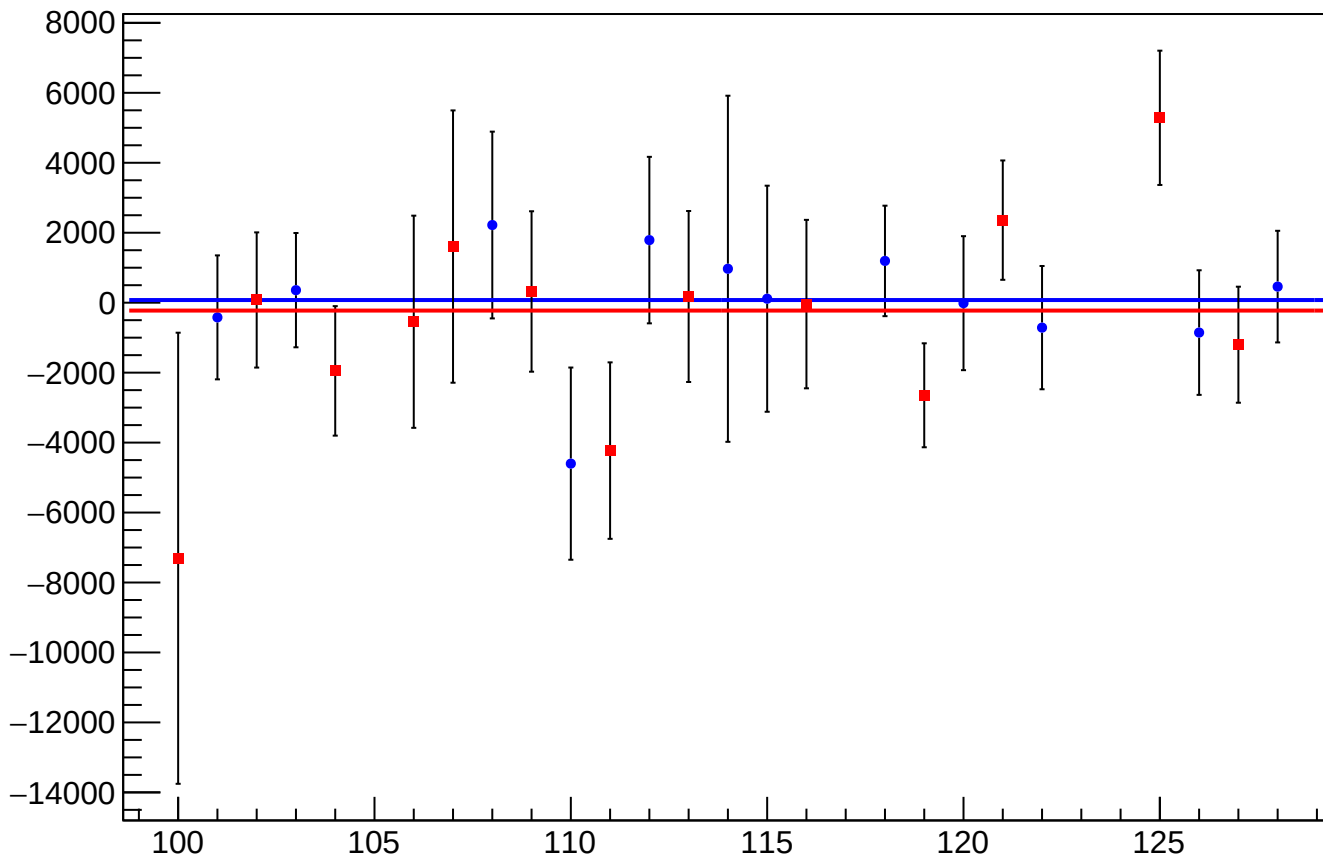
Right Out: 562.801+/-0.190 χ^2/NDF : 1277468.5/12

All: 568.989+/-0.137 χ^2/NDF : 2535936.2/24

- 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_atl1_dd_mean vs Slug



Right In: 75.634+/-579.038 χ^2/NDF : 5.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -225.403+/-589.613 χ^2/NDF : 18.5/12

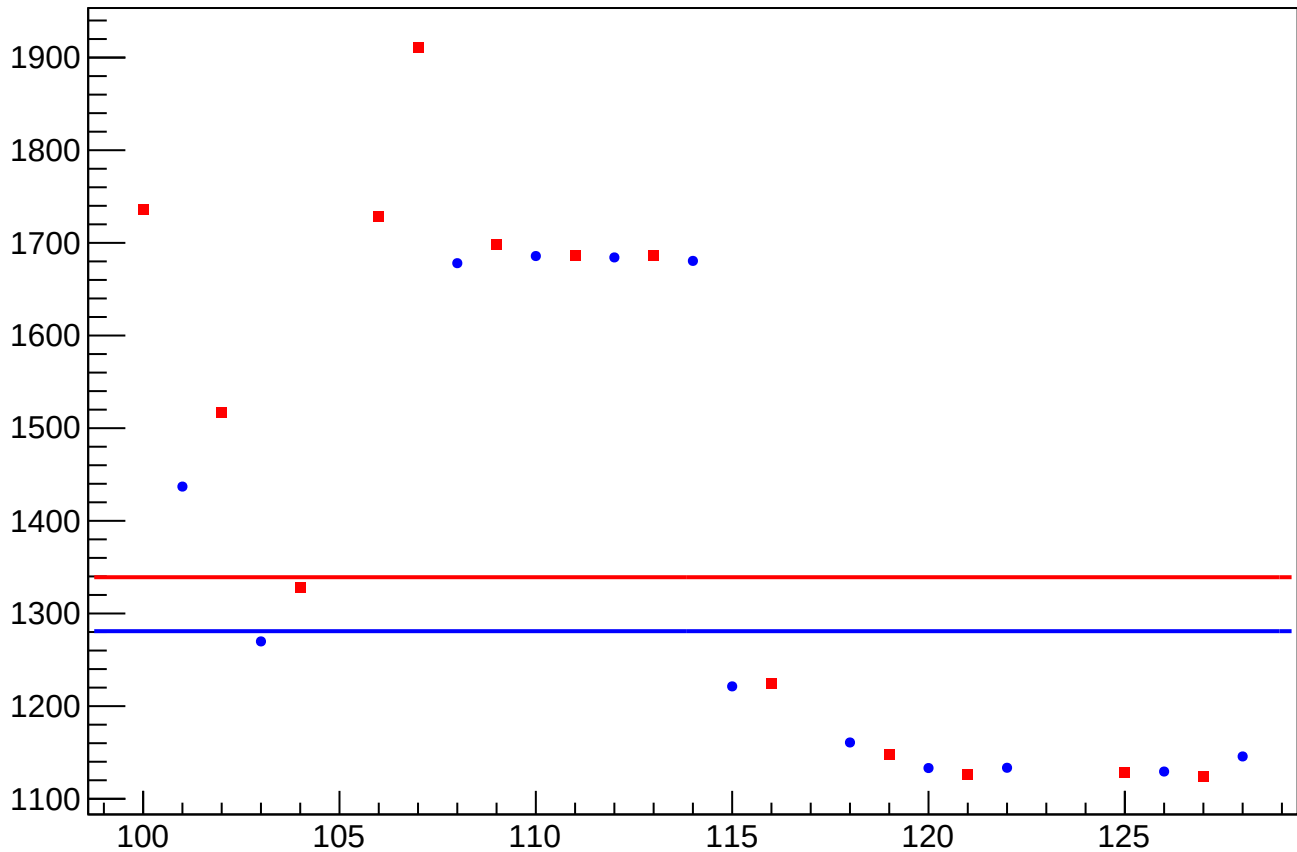
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -72.161+/-413.130 χ^2/NDF : 23.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl1_dd_rms vs Slug



Right In: 1280.910 $\pm$ 0.409 χ^2 /NDF: 240764.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1339.148 $\pm$ 0.417 χ^2 /NDF: 354685.5/12

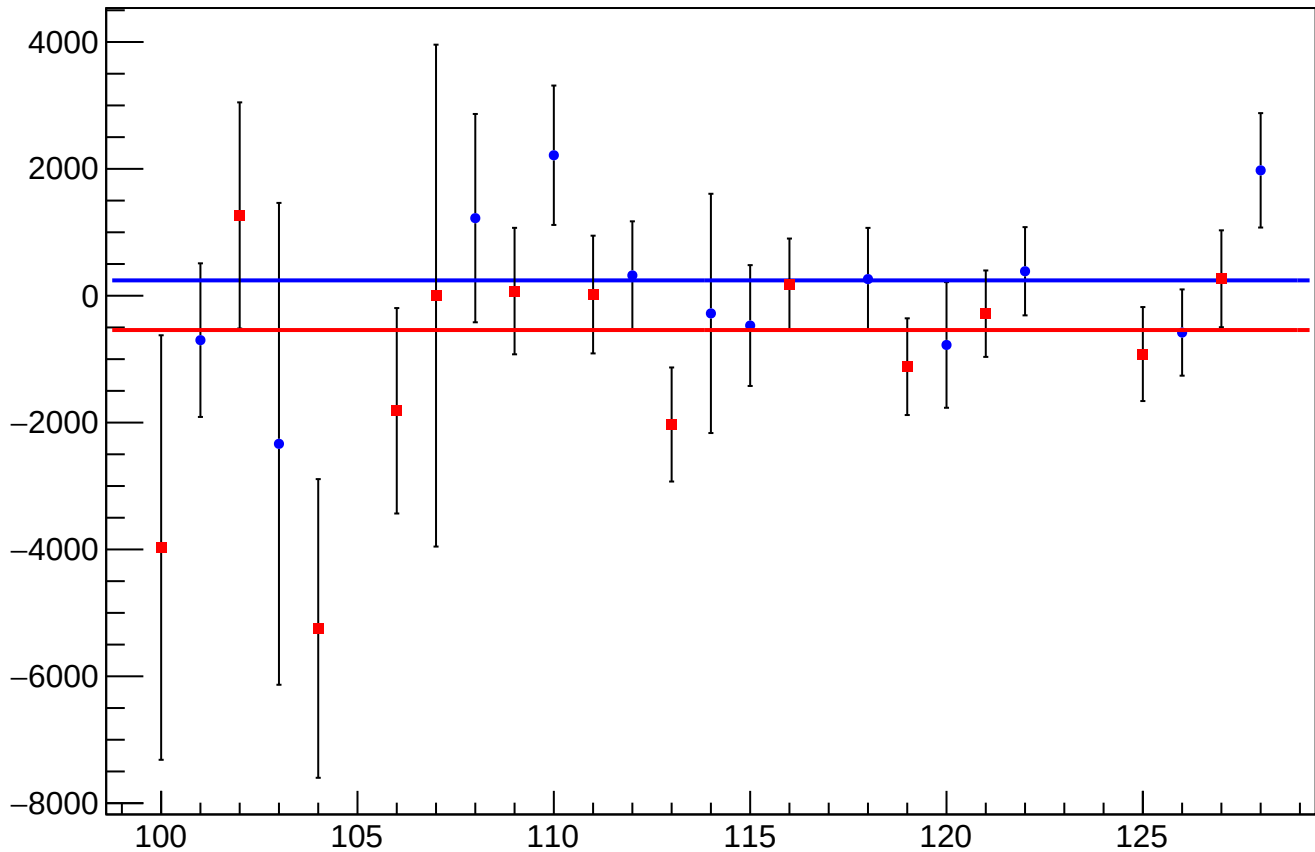
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1309.502 $\pm$ 0.292 χ^2 /NDF: 605382.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_cor_correction_mean vs Slug



Right In: 241.851+/-280.359 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -540.964+/-269.803 χ^2/NDF : 13.3/12

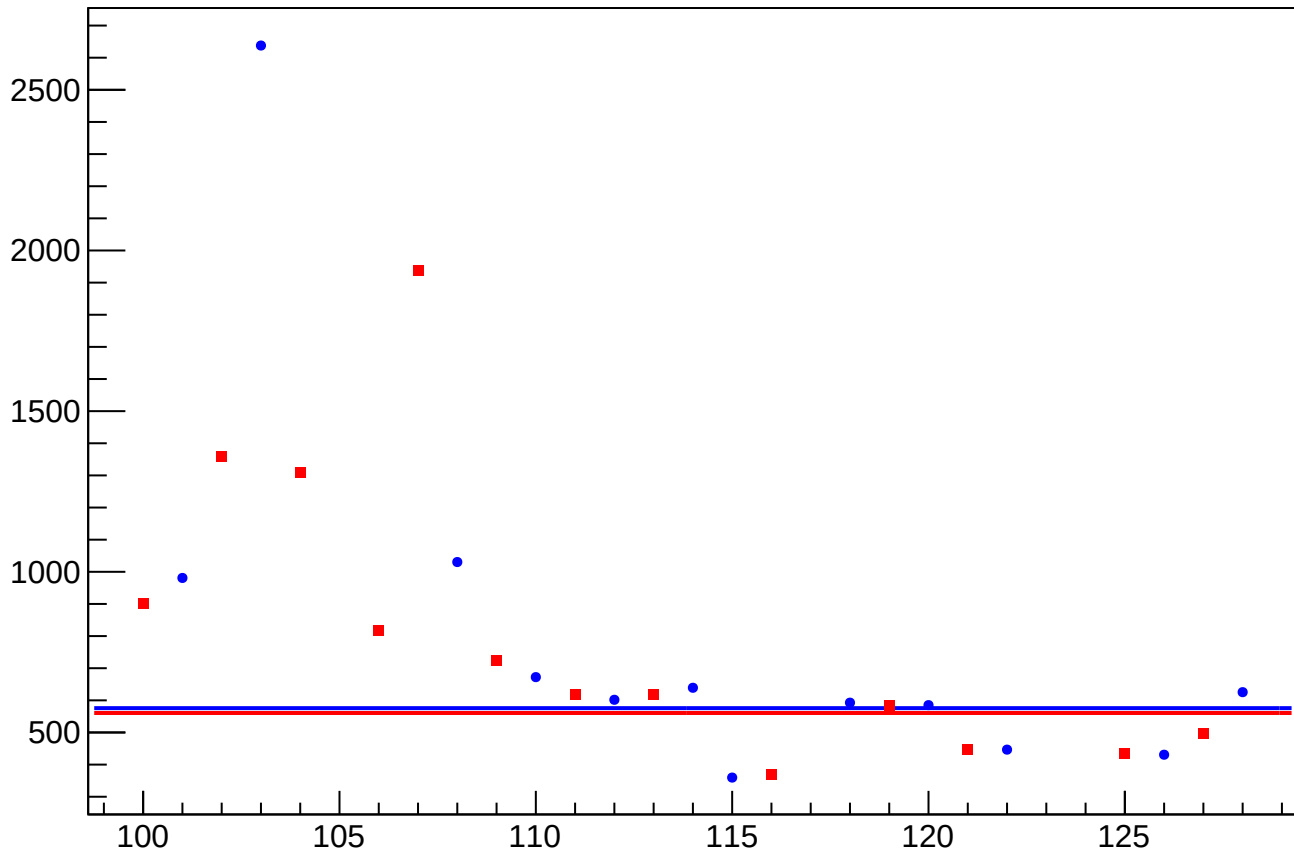
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -164.571+/-194.404 χ^2/NDF : 28.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_cor_correction_rms vs Slug



Right In: 575.701+/-0.198 χ^2/NDF : 1256225.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.647+/-0.191 χ^2/NDF : 1254739.9/12

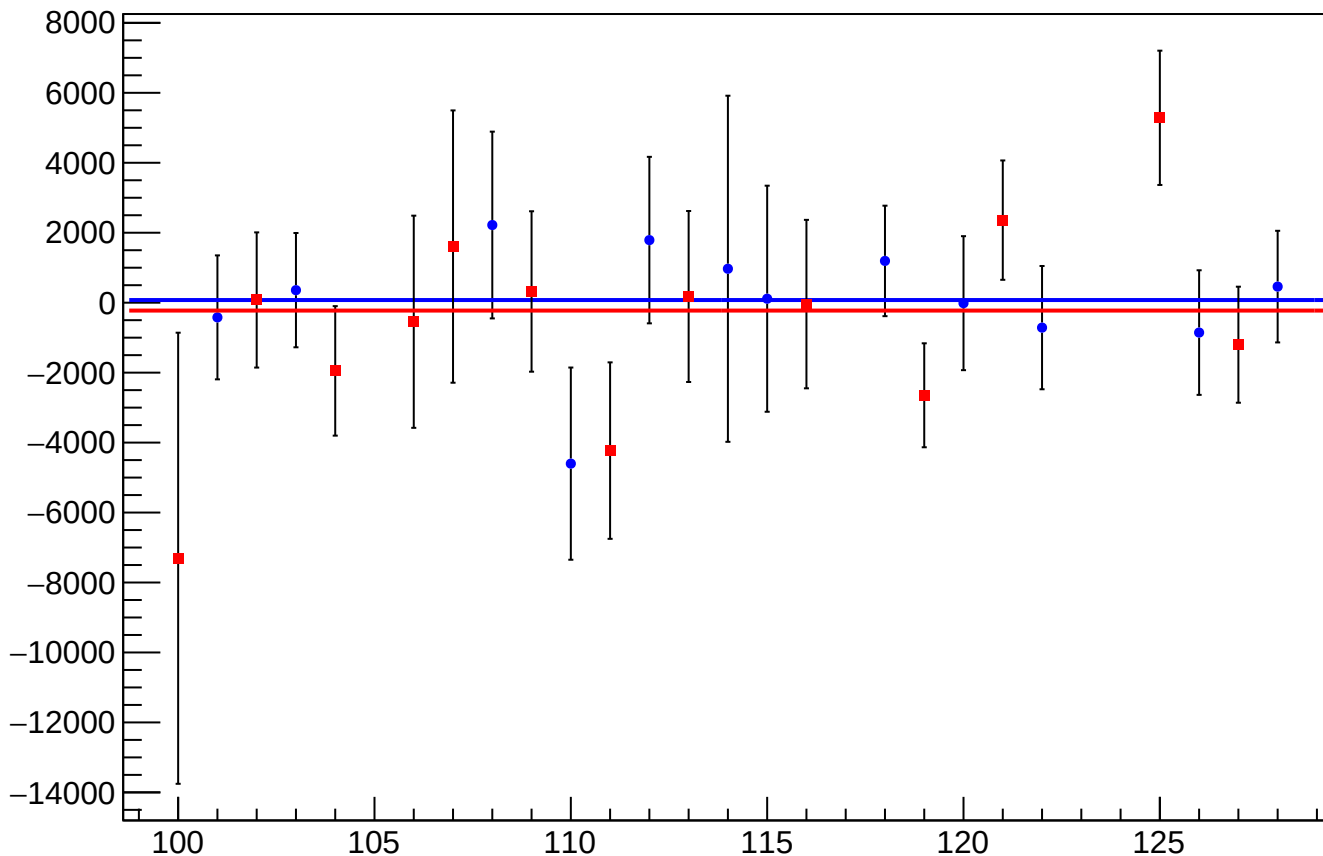
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 567.886+/-0.137 χ^2/NDF : 2513959.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl1_dd_mean vs Slug



Right In: 75.634+/-579.038 χ^2/NDF : 5.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -225.403+/-589.613 χ^2/NDF : 18.5/12

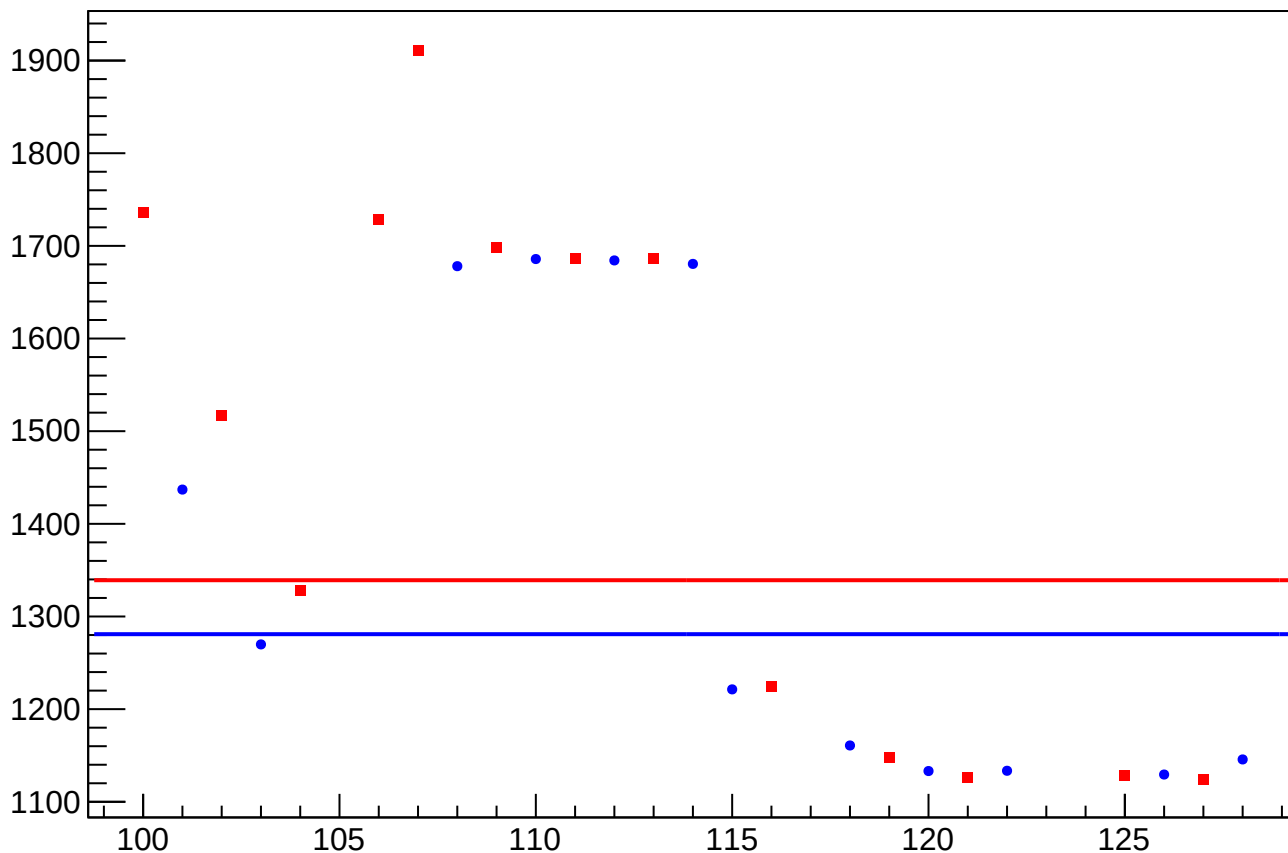
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -72.161+/-413.130 χ^2/NDF : 23.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl1_dd_rms vs Slug



Right In: 1280.910+/-0.409 χ^2/NDF : 240764.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1339.148+/-0.417 χ^2/NDF : 354685.5/12

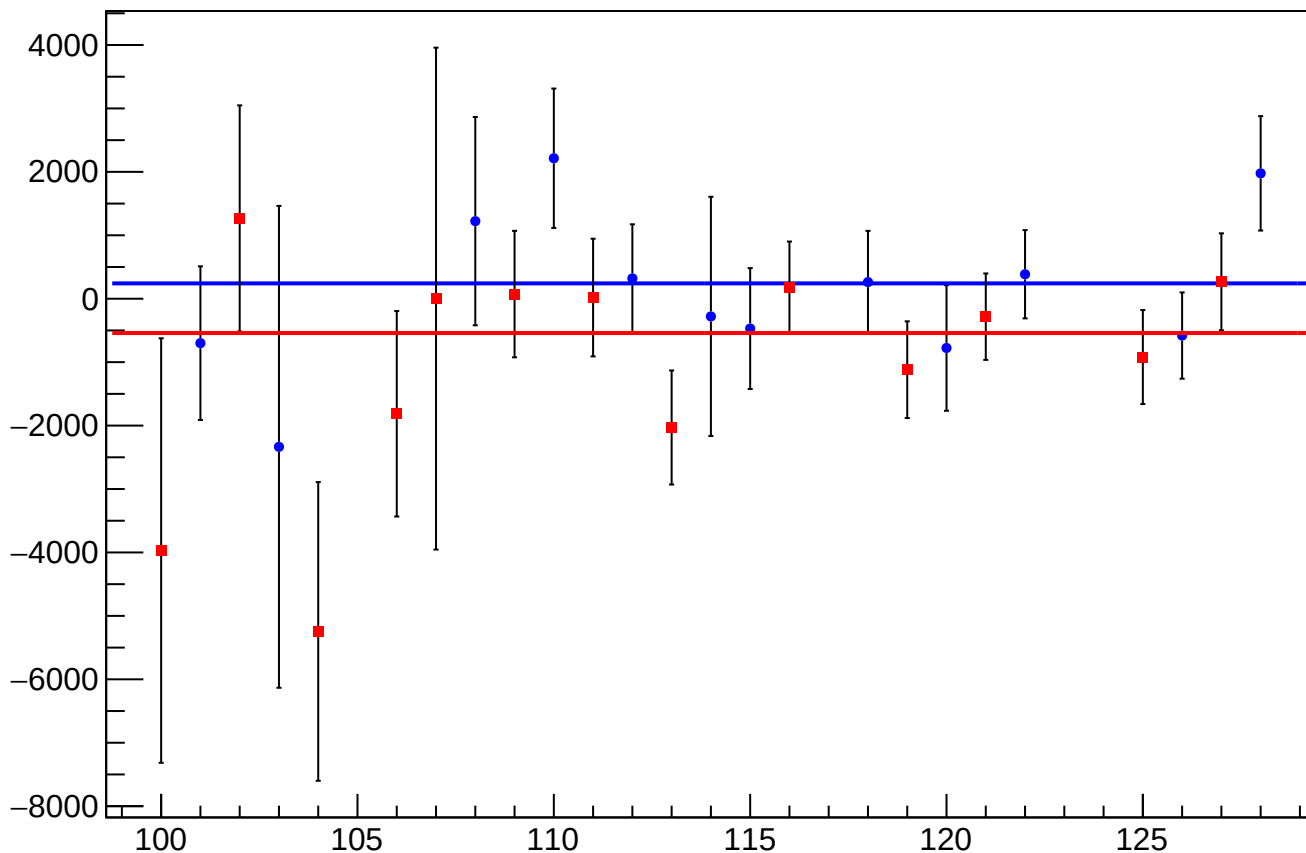
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1309.502+/-0.292 χ^2/NDF : 605382.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_cor_correction_mean vs Slug



Right In: 241.851+/-280.359 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -540.964+/-269.803 χ^2/NDF : 13.3/12

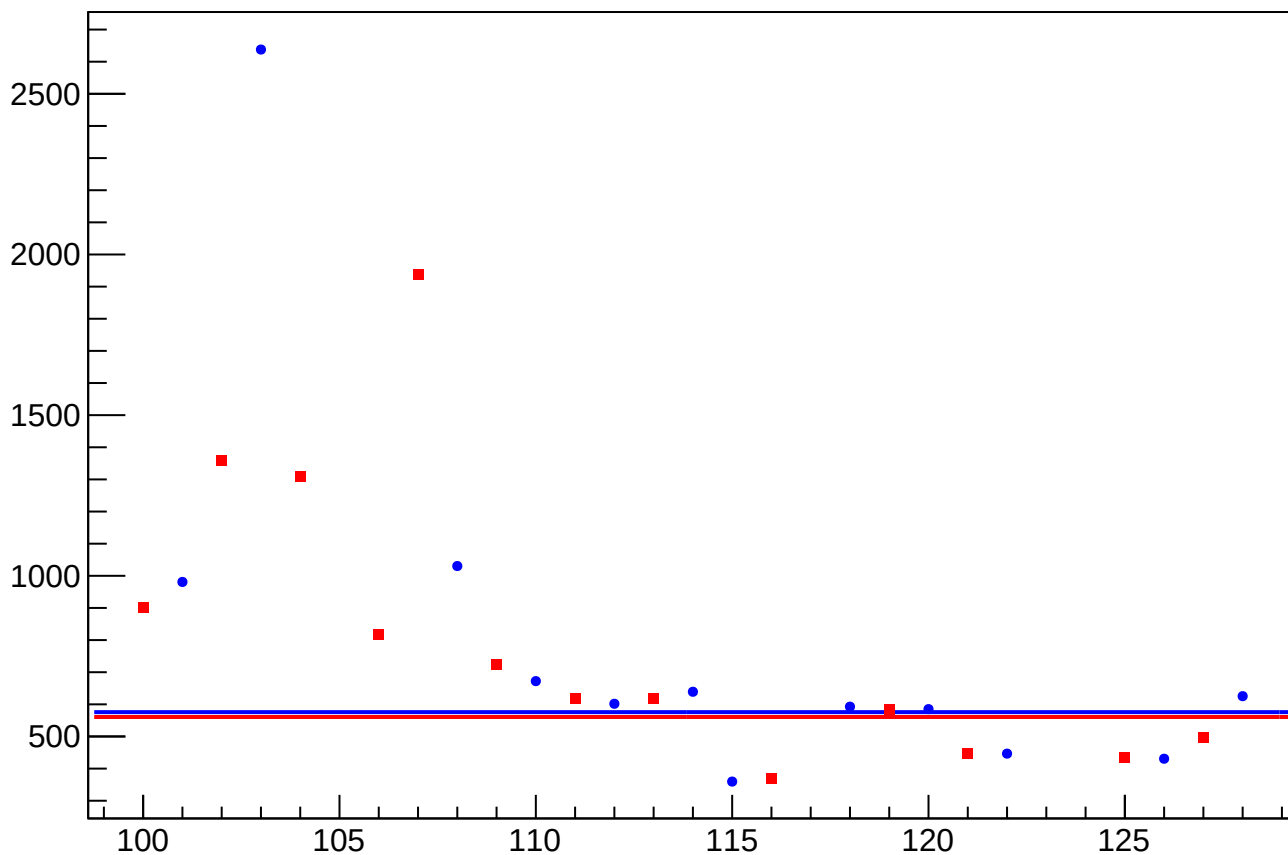
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -164.571+/-194.404 χ^2/NDF : 28.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_cor_correction_rms vs Slug



Right In: 575.701+/-0.198 χ^2/NDF : 1256225.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.647+/-0.191 χ^2/NDF : 1254739.9/12

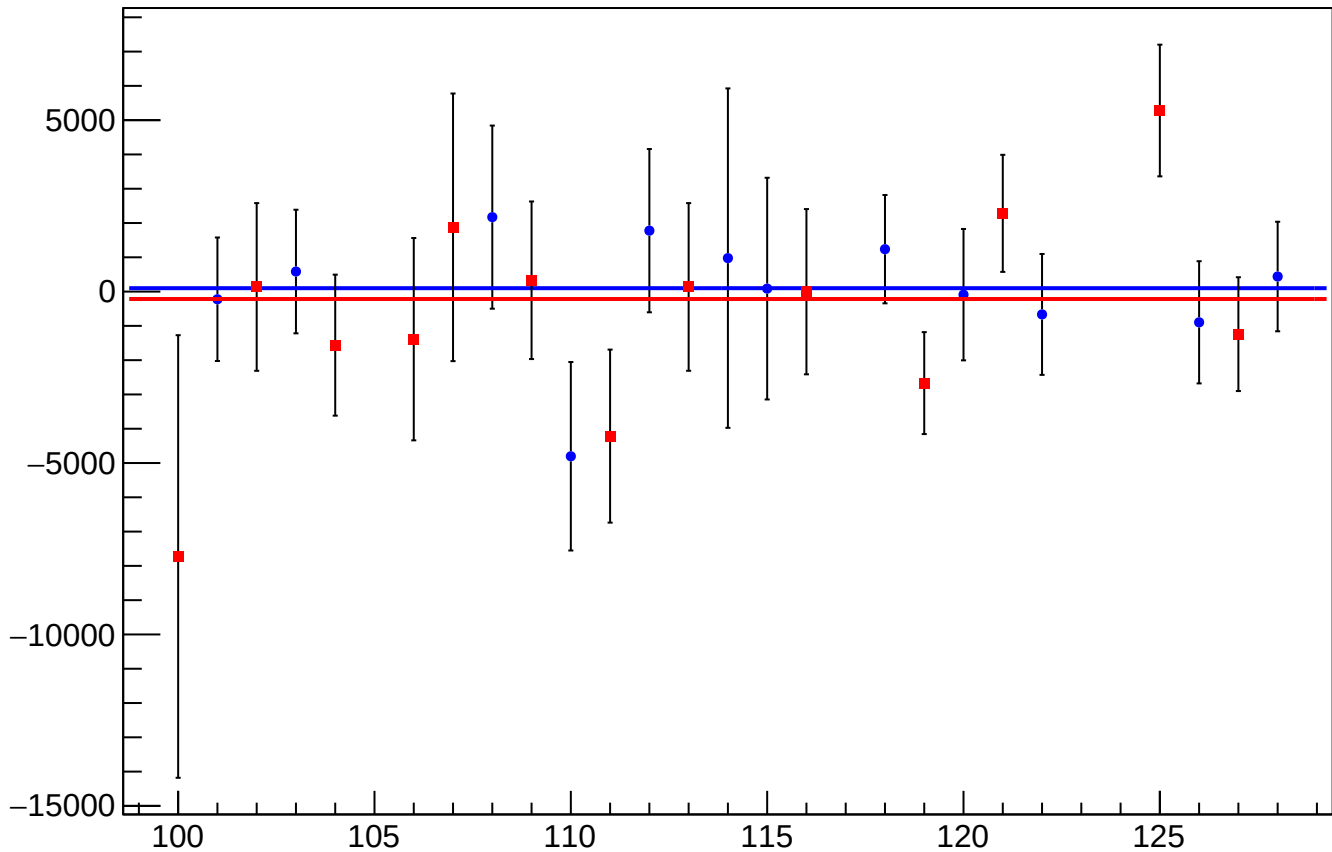
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 567.886+/-0.137 χ^2/NDF : 2513959.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl1_dd_mean vs Slug



Right In: 99.585+/-586.925 χ^2/NDF : 5.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -216.236+/-605.916 χ^2/NDF : 18.3/12

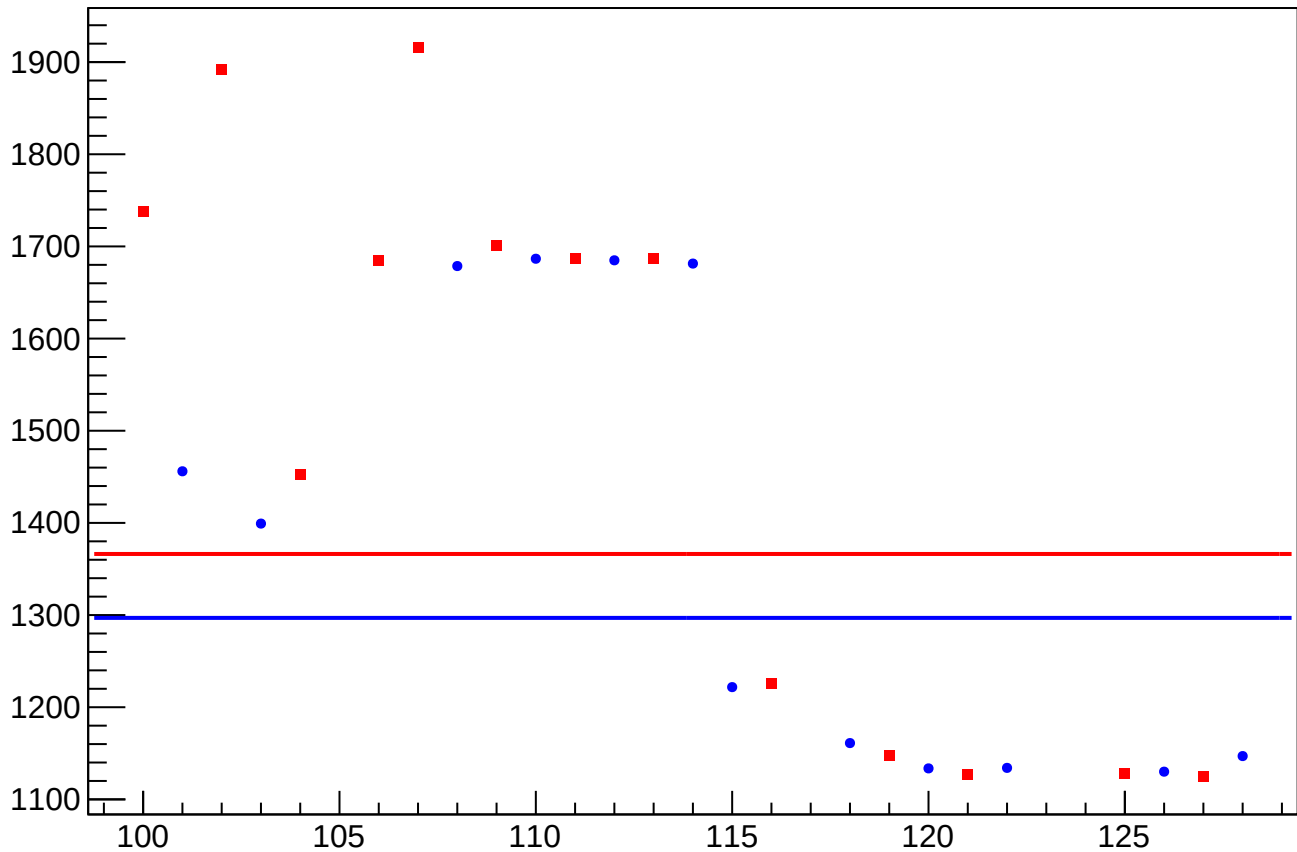
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.299+/-421.572 χ^2/NDF : 23.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl1_dd_rms vs Slug



Right In: 1296.935+/-0.415 χ^2/NDF : 250864.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1366.287+/-0.428 χ^2/NDF : 437012.5/12

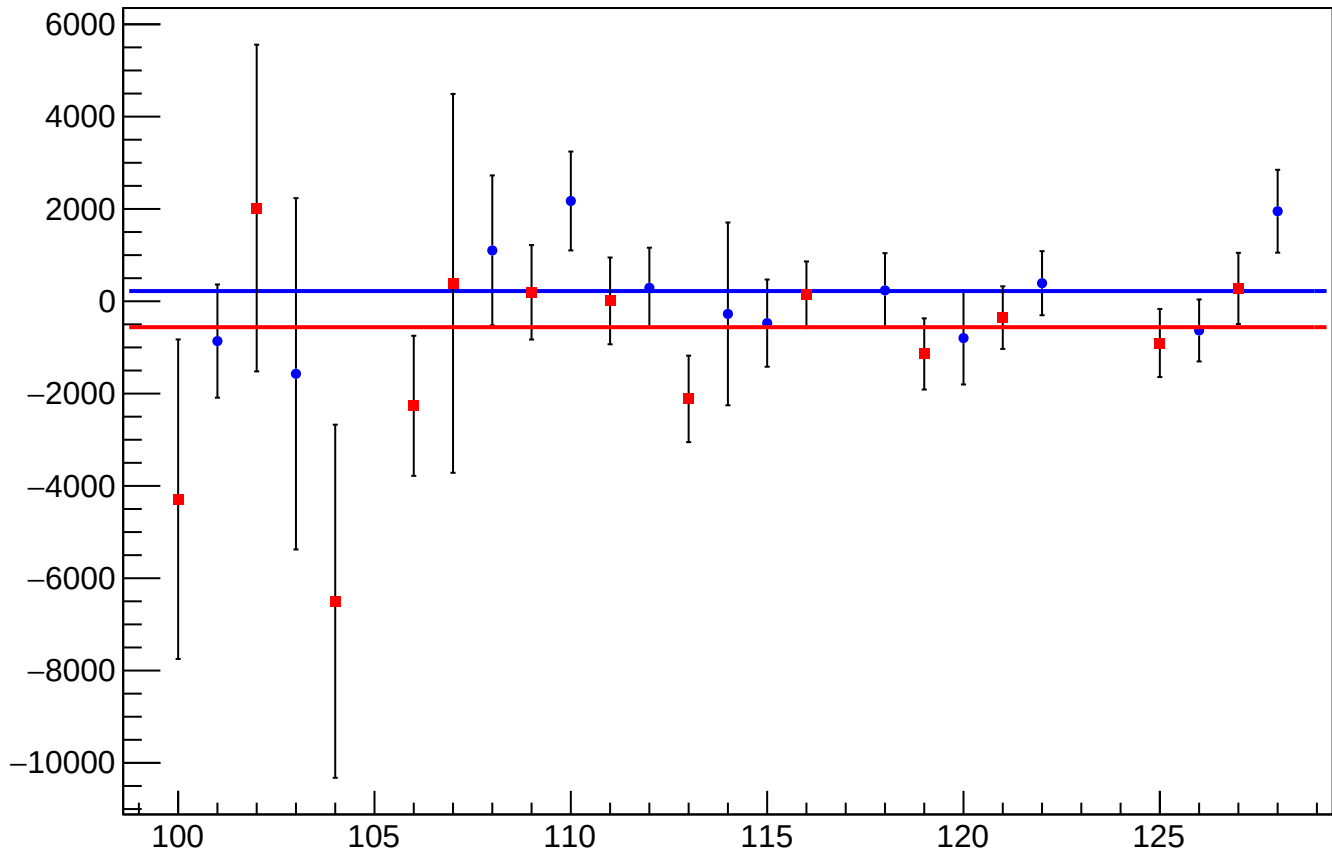
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1330.508+/-0.298 χ^2/NDF : 701394.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_dit_correction_mean vs Slug



Right In: 221.334 $\pm$ 280.095 χ^2 /NDF: 11.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -561.178 $\pm$ 274.789 χ^2 /NDF: 12.1/12

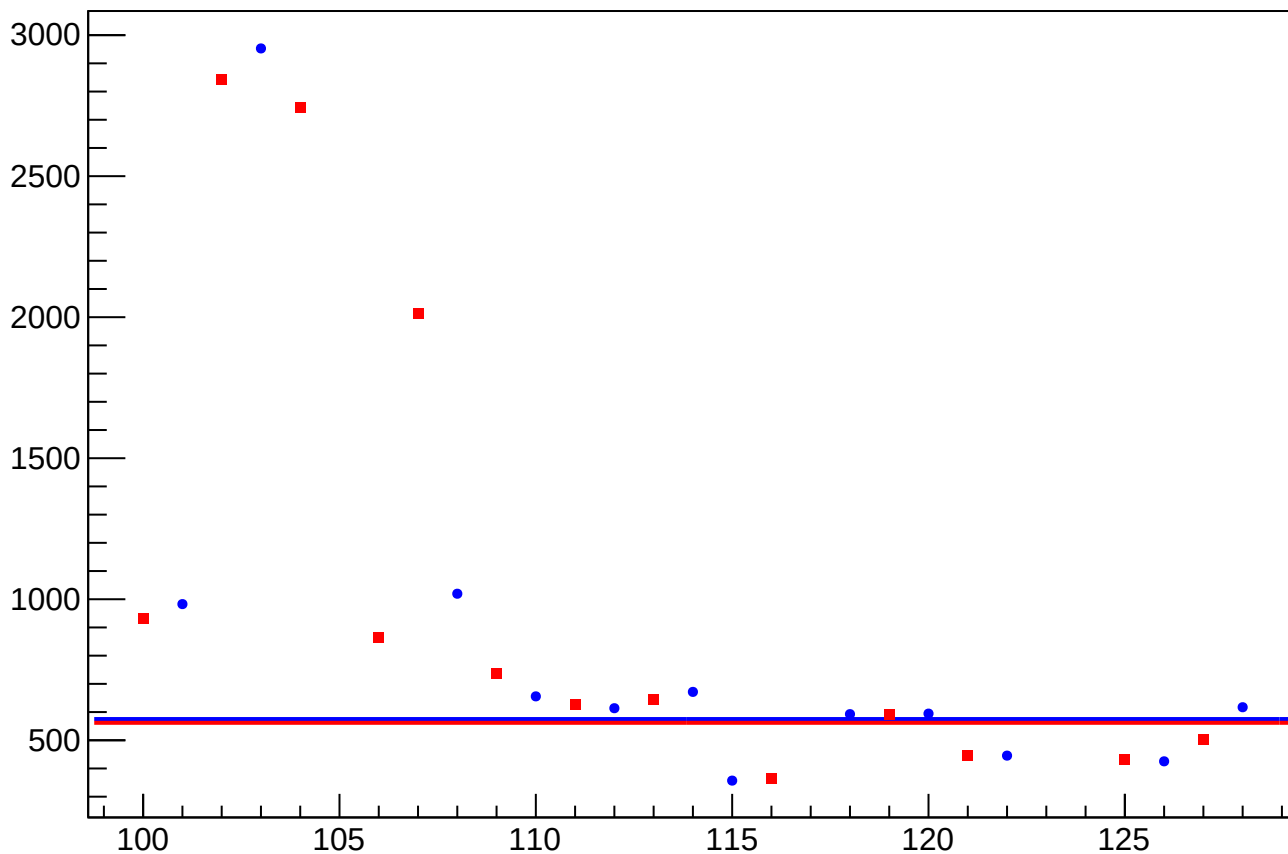
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -177.405 $\pm$ 196.154 χ^2 /NDF: 27.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_dit_correction_rms vs Slug



Right In: 575.269+/-0.198 χ^2/NDF : 1453410.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

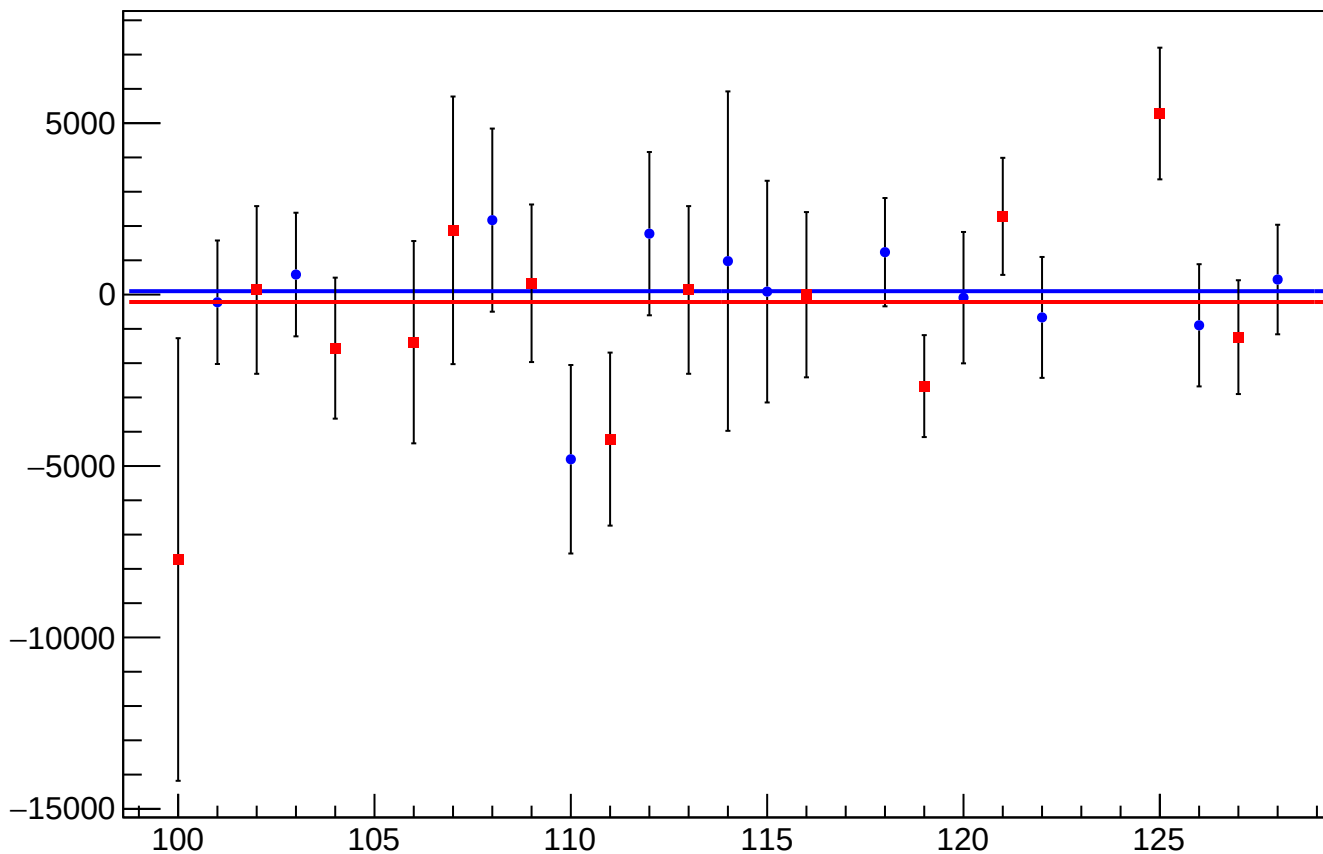
Right Out: 561.935+/-0.194 χ^2/NDF : 2201500.1/12

All: 568.475+/-0.139 χ^2/NDF : 3657220.8/24

- 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: 99.587+/-586.925 χ^2/NDF : 5.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -216.236+/-605.915 χ^2/NDF : 18.3/12

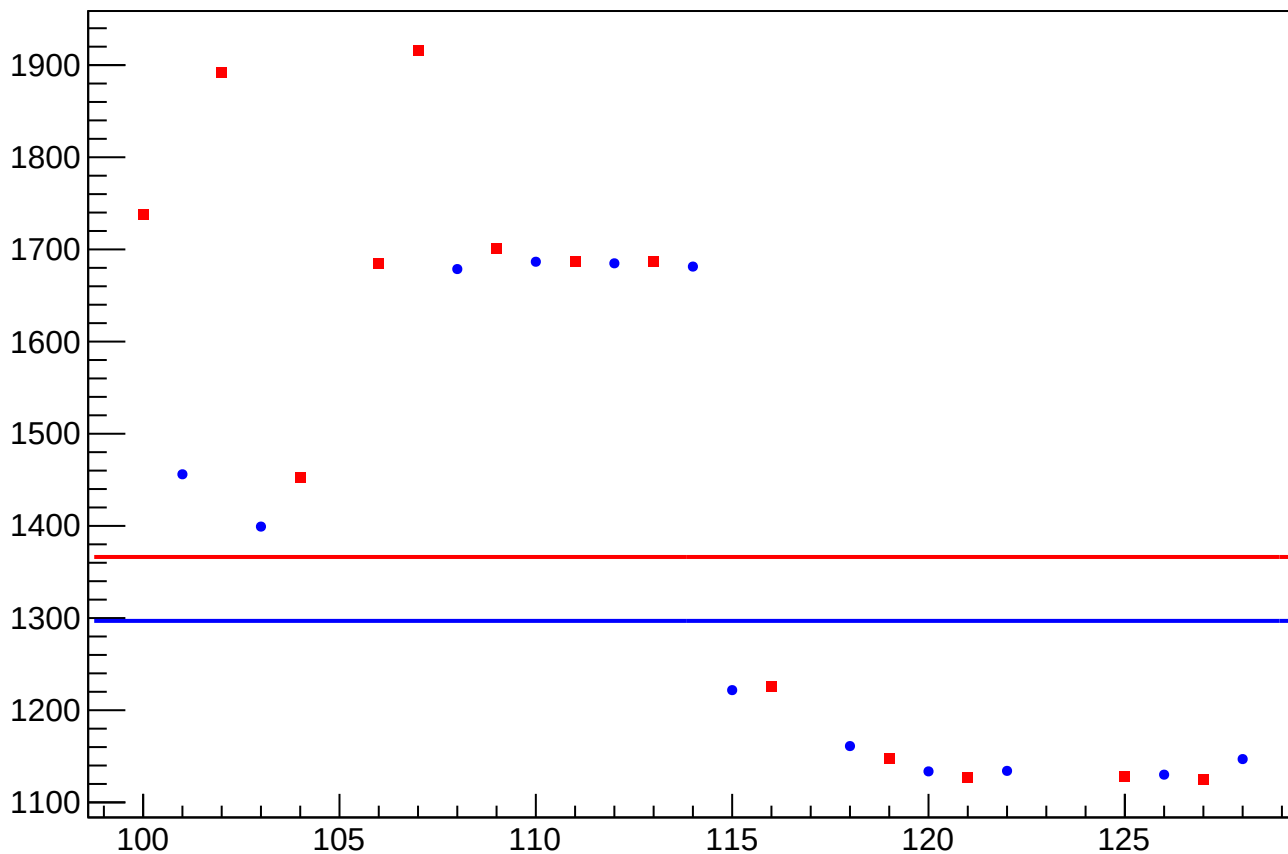
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.298+/-421.572 χ^2/NDF : 23.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl1_dd_rms vs Slug



Right In: 1296.935+/-0.415 χ^2/NDF : 250863.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1366.287+/-0.428 χ^2/NDF : 437012.1/12

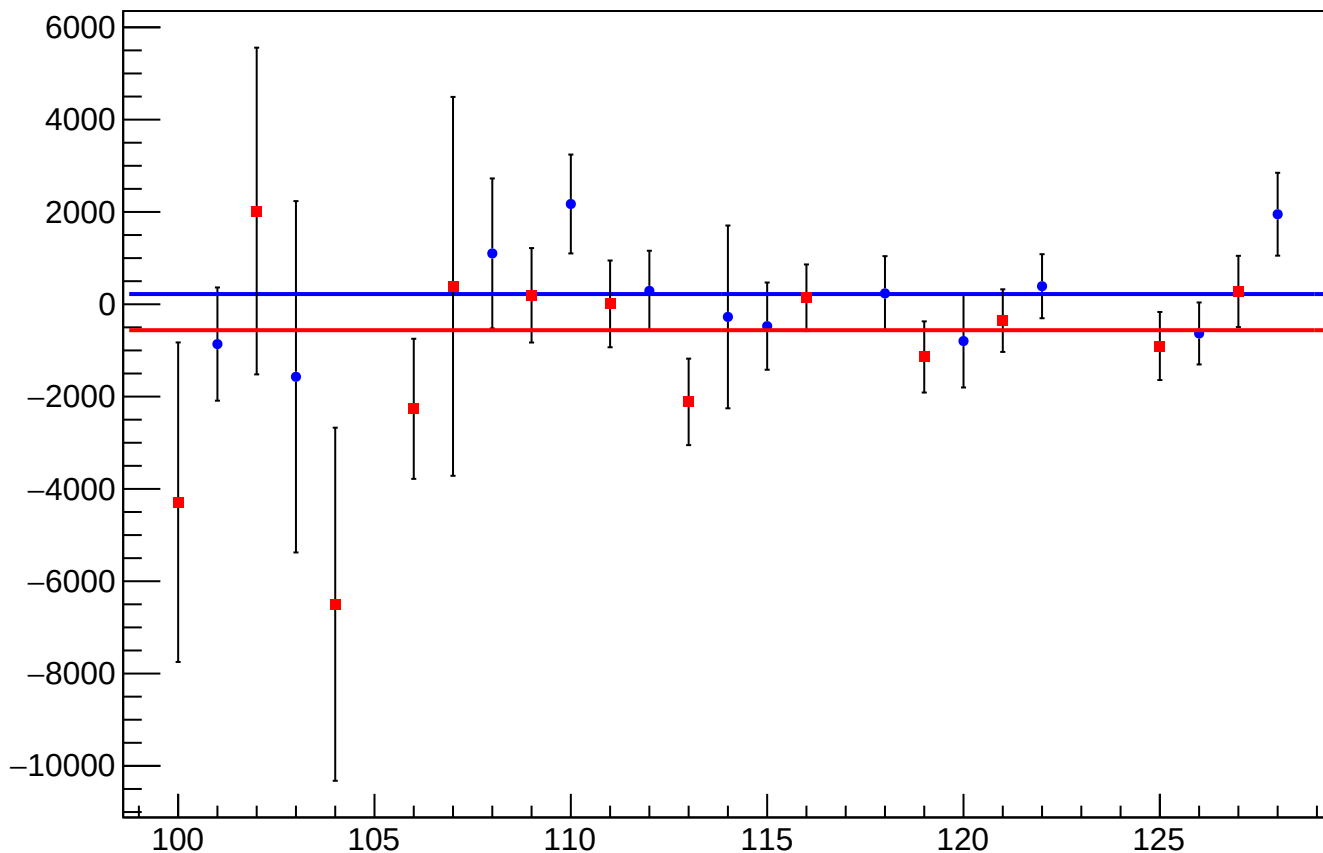
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1330.507+/-0.298 χ^2/NDF : 701393.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_dit_correction_mean vs Slug



Right In: 221.334 $\pm$ 280.095 χ^2 /NDF: 11.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -561.179 $\pm$ 274.789 χ^2 /NDF: 12.1/12

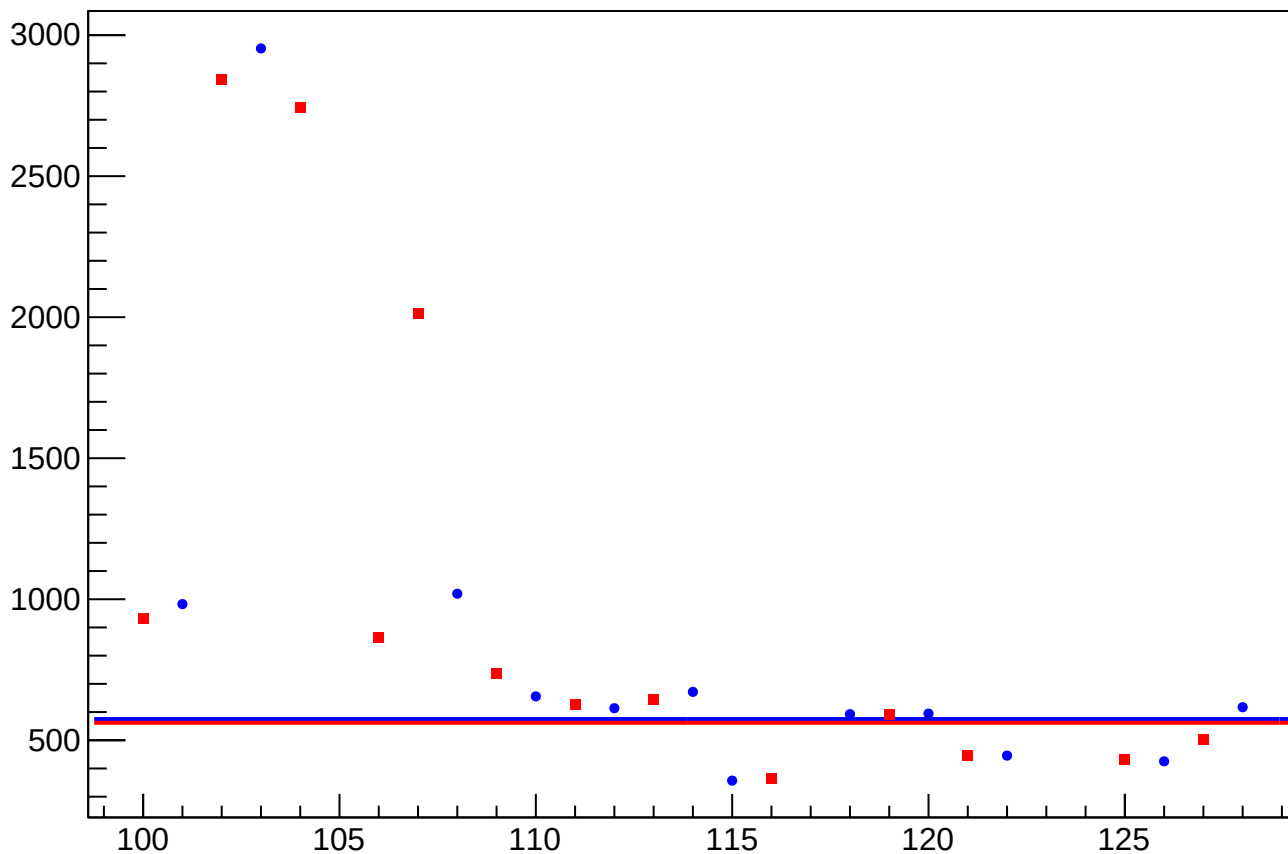
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -177.405 $\pm$ 196.154 χ^2 /NDF: 27.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_eigen_dit_correction_rms vs Slug



Right In: 575.269+/-0.198 χ^2/NDF : 1453408.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.934+/-0.194 χ^2/NDF : 2201500.6/12

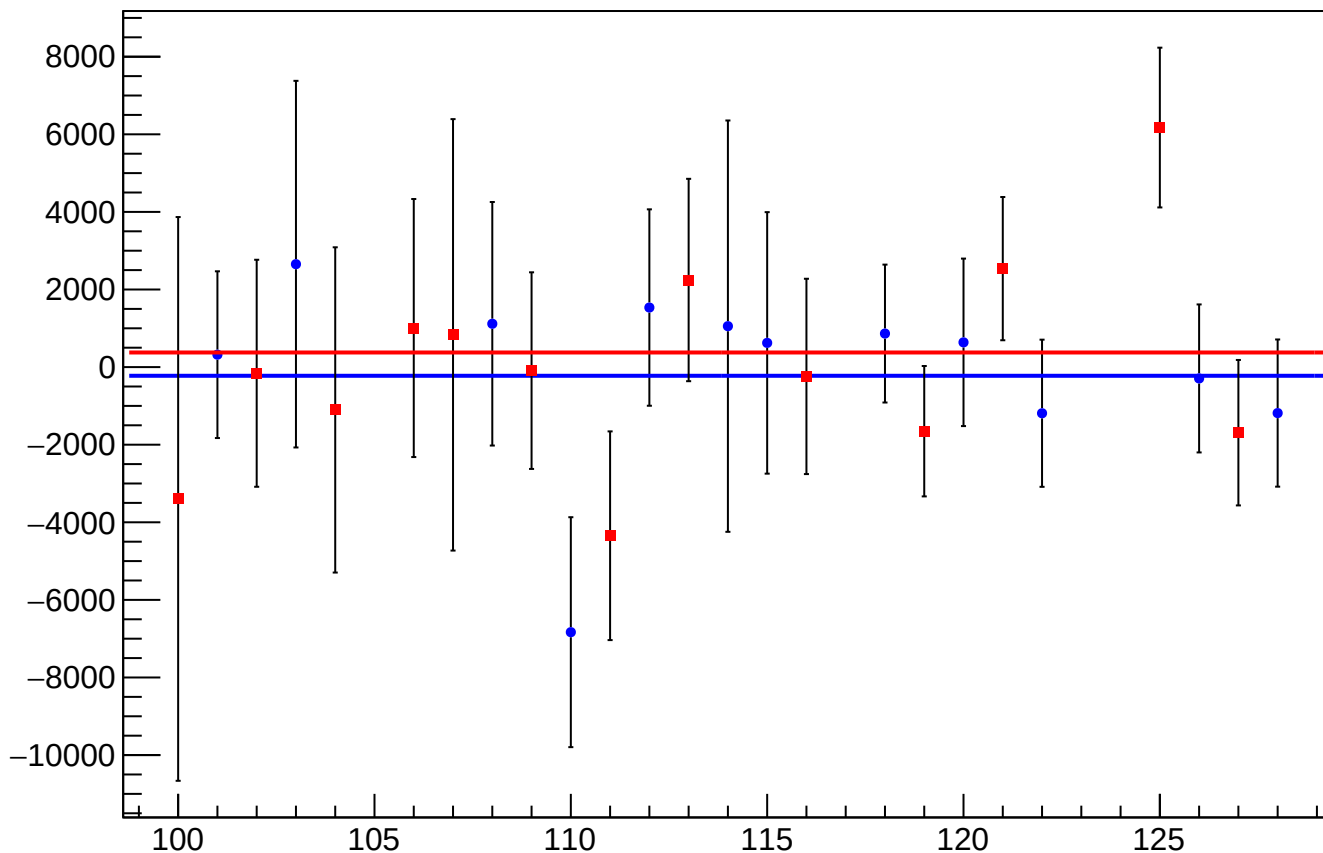
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 568.474+/-0.139 χ^2/NDF : 3657219.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_mean vs Slug



Right In: -223.748+/-687.041 χ^2/NDF : 7.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 376.620+/-692.985 χ^2/NDF : 16.1/12

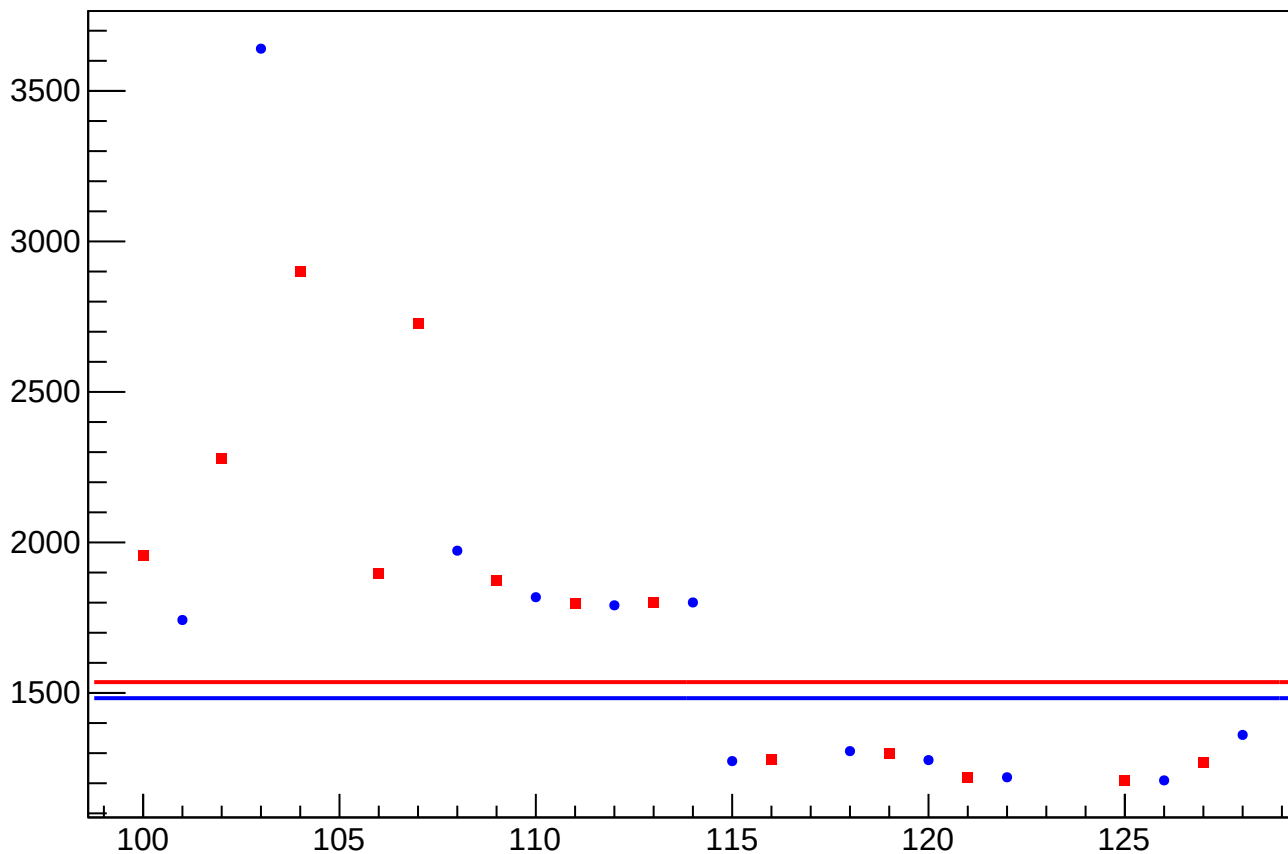
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.850+/-487.899 χ^2/NDF : 23.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_rms vs Slug



Right In: 1482.655+/-0.486 χ^2/NDF : 690726.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1535.971+/-0.490 χ^2/NDF : 748961.8/12

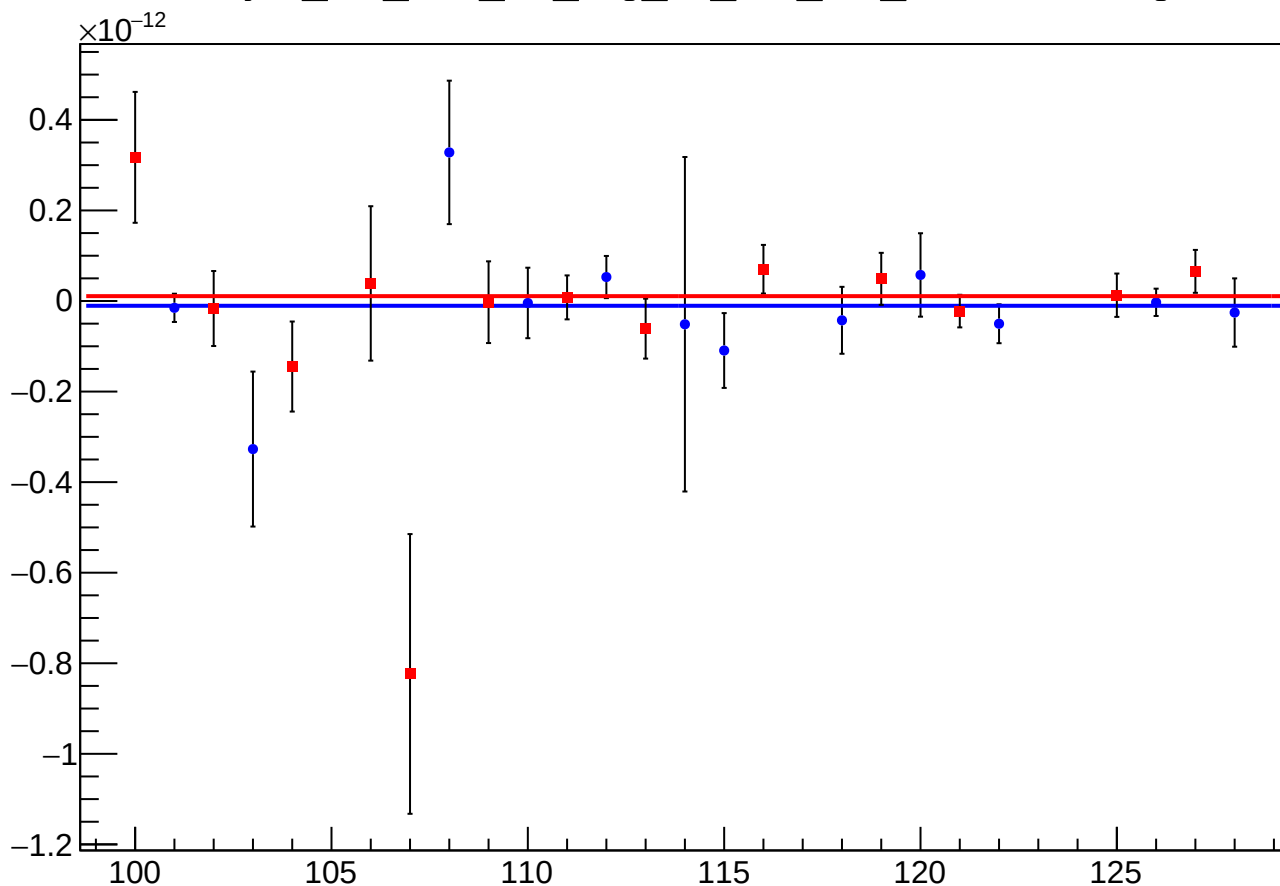
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1509.083+/-0.345 χ^2/NDF : 1445658.5/24

- 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 : 13.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 19.4/12

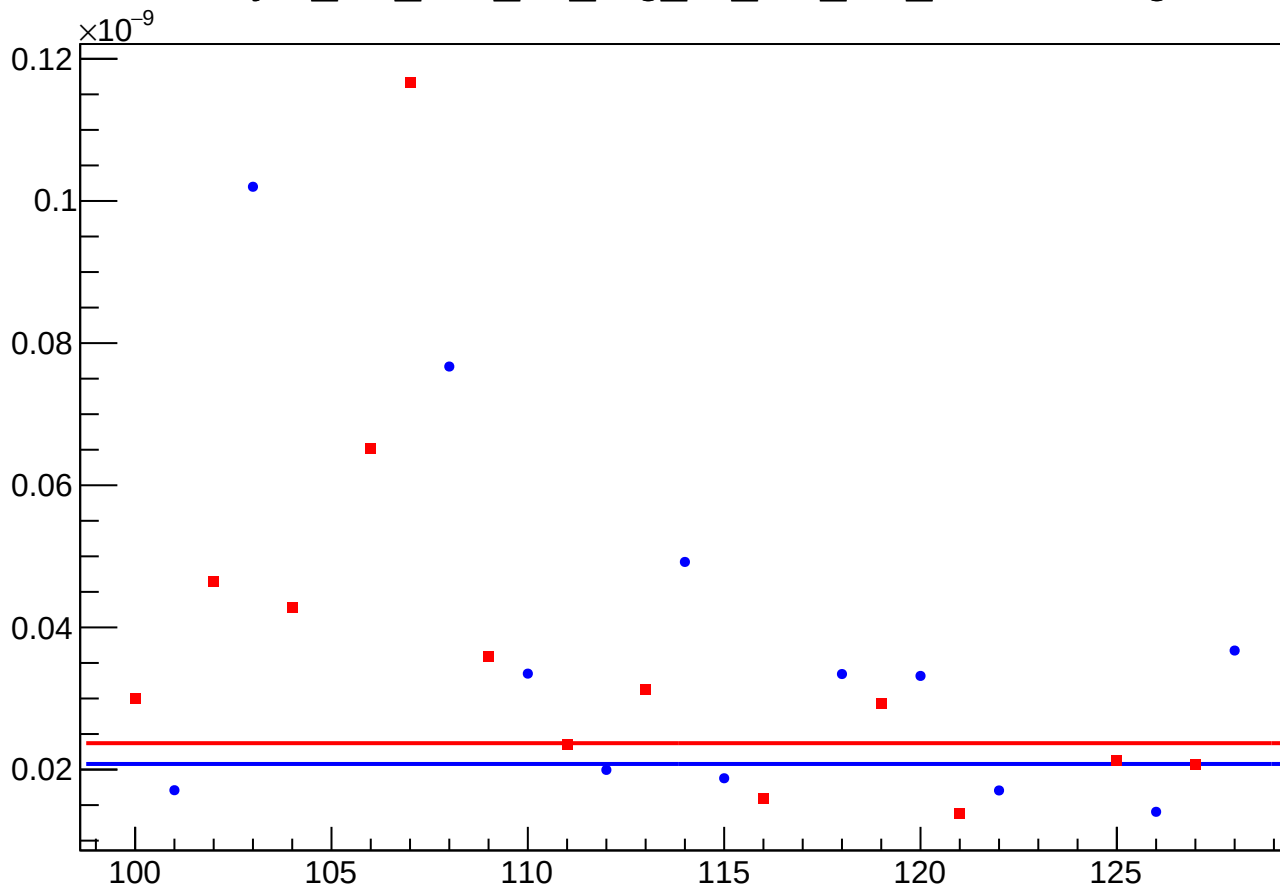
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 33.3/24

- 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 : 1093656.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 815854.3/12

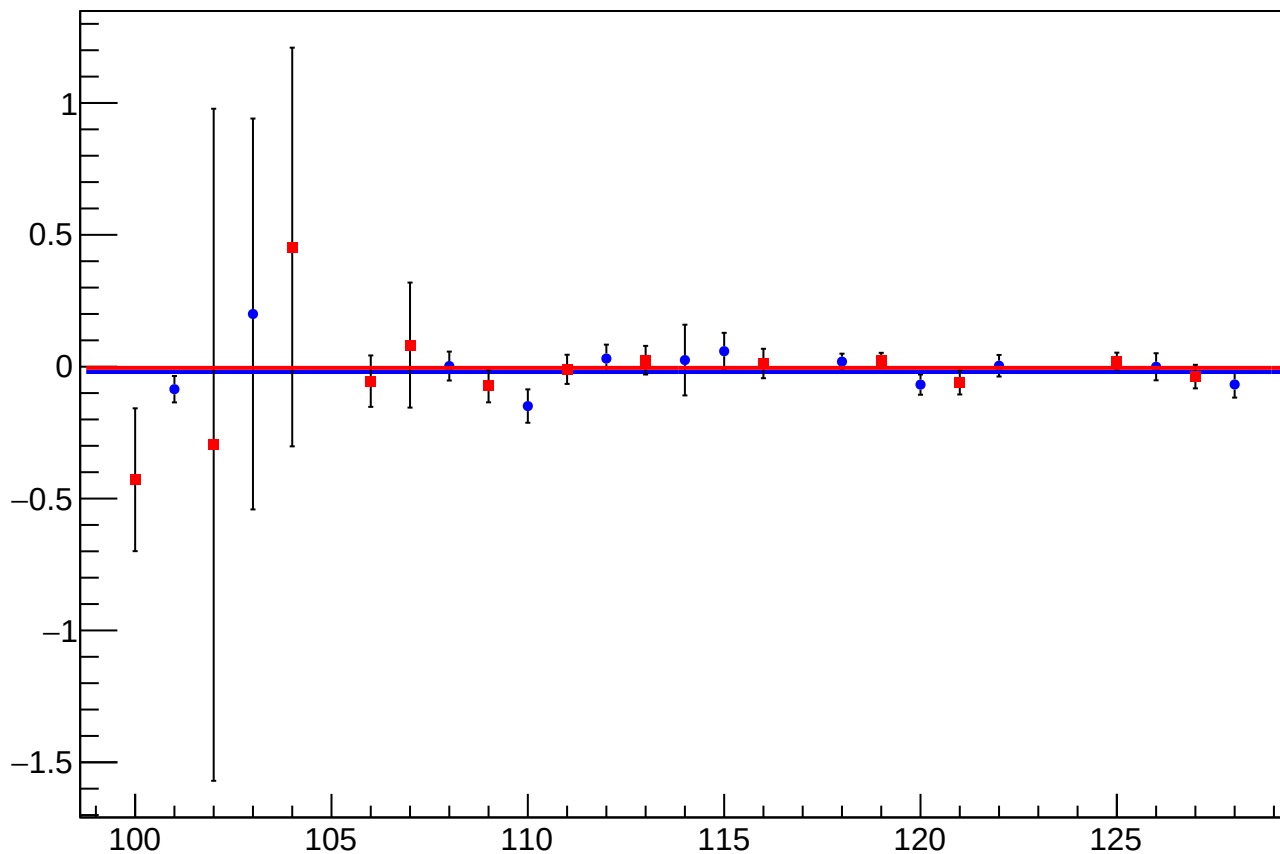
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1941055.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.020+/-0.015 χ^2/NDF : 13.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.004+/-0.015 χ^2/NDF : 8.4/12

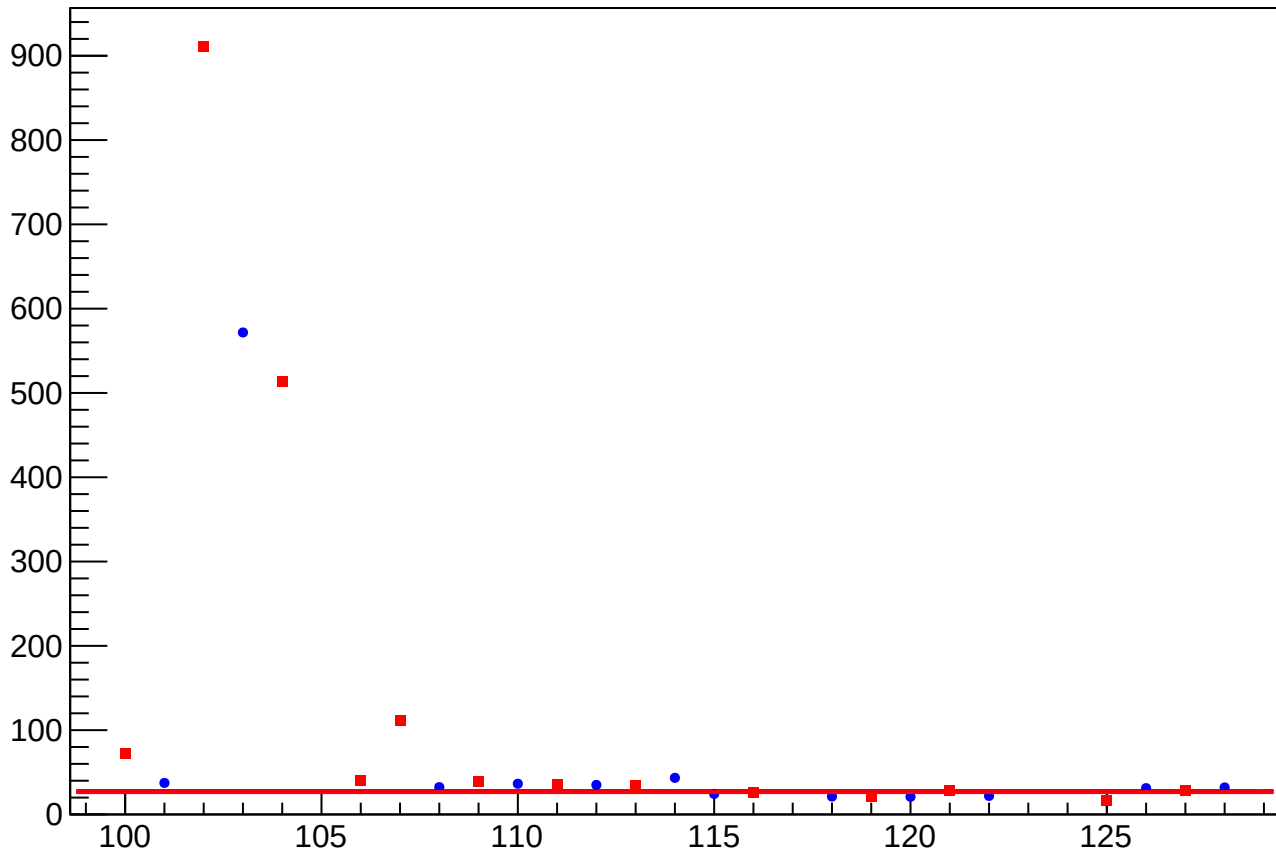
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.013+/-0.010 χ^2/NDF : 22.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_dit_vs_cor_diff_rms vs Slug



Right In: 27.598+/-0.010 χ^2/NDF : 1490131.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.518+/-0.011 χ^2/NDF : 2576781.3/12

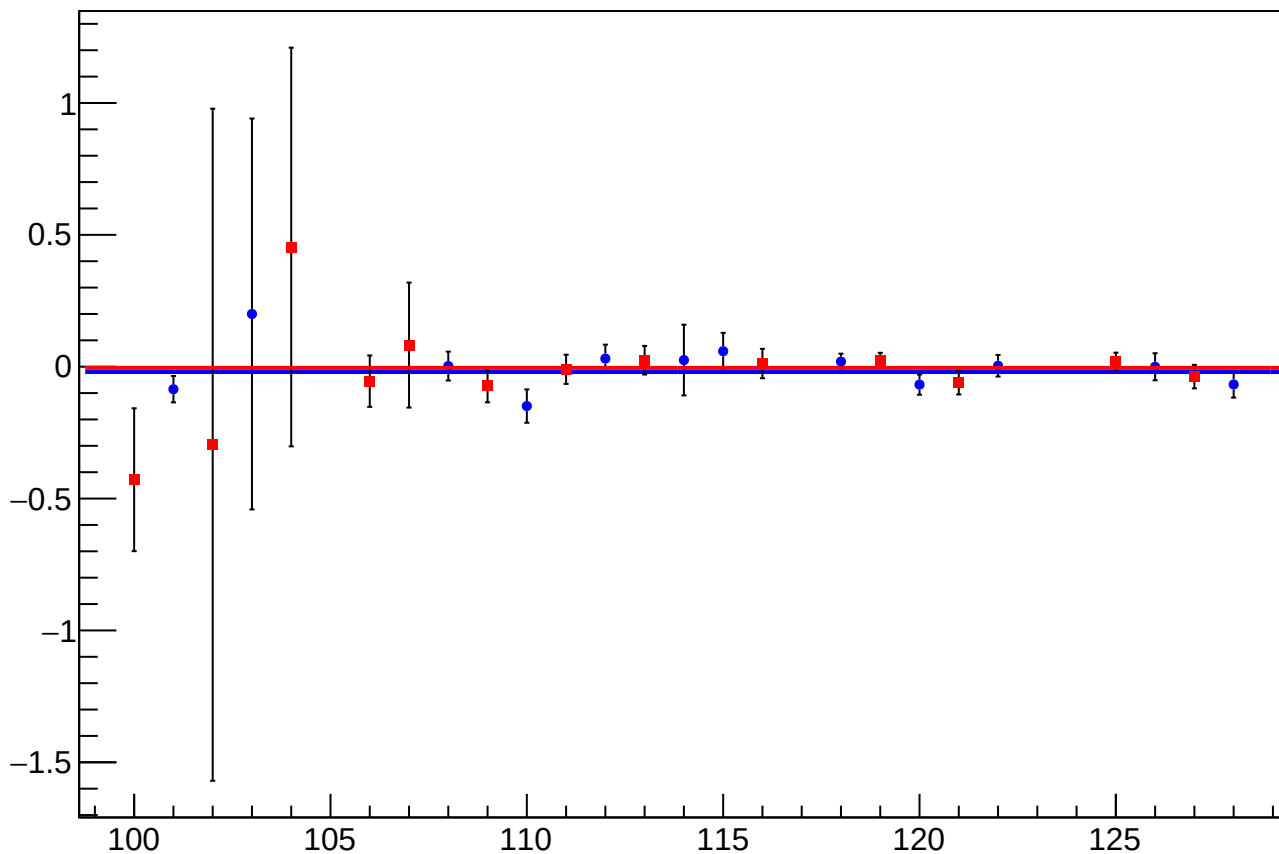
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.074+/-0.007 χ^2/NDF : 4072291.5/24

- 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: -0.020 ± 0.015 χ^2/NDF : 13.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.004 ± 0.015 χ^2/NDF : 8.4/12

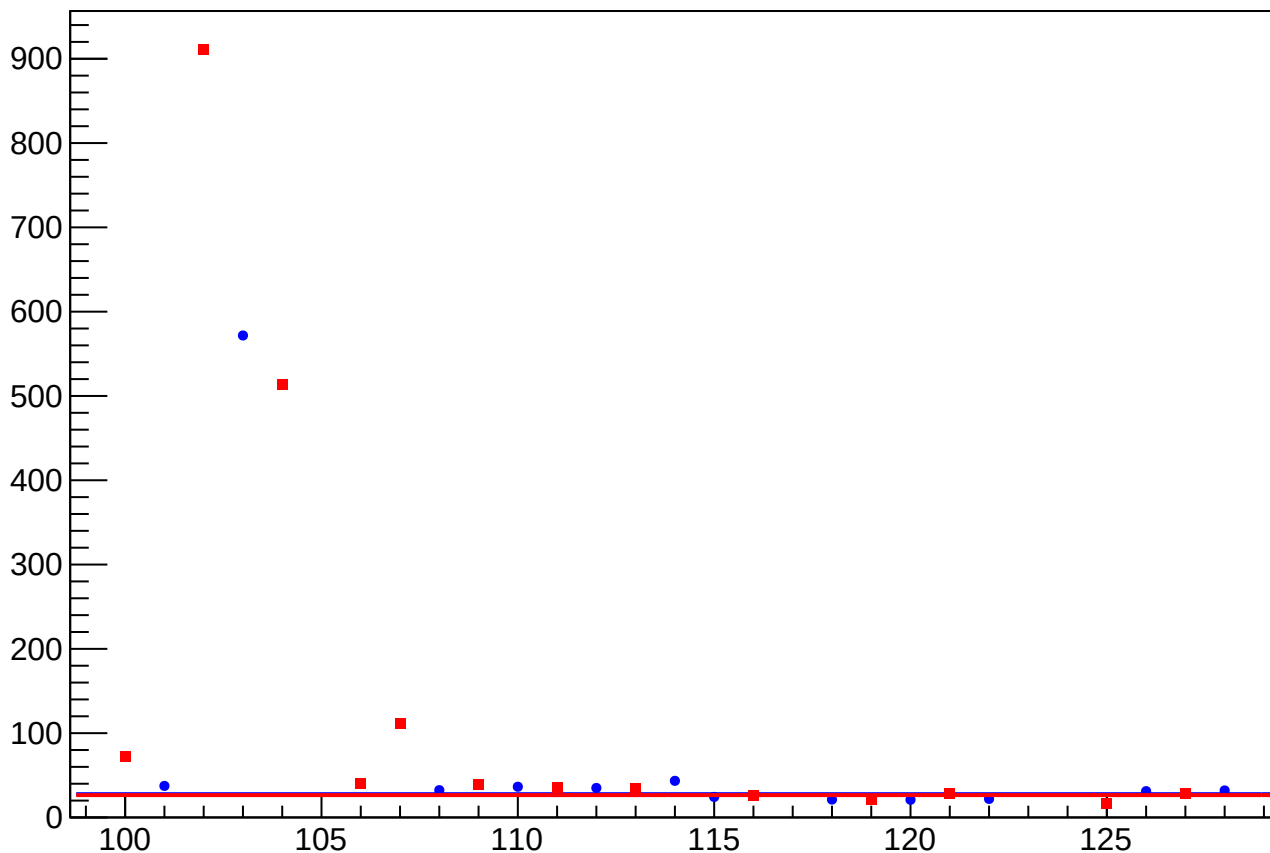
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.010 χ^2/NDF : 22.0/24

- 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: 27.598+/-0.010 χ^2/NDF : 1490131.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.518+/-0.011 χ^2/NDF : 2576781.3/12

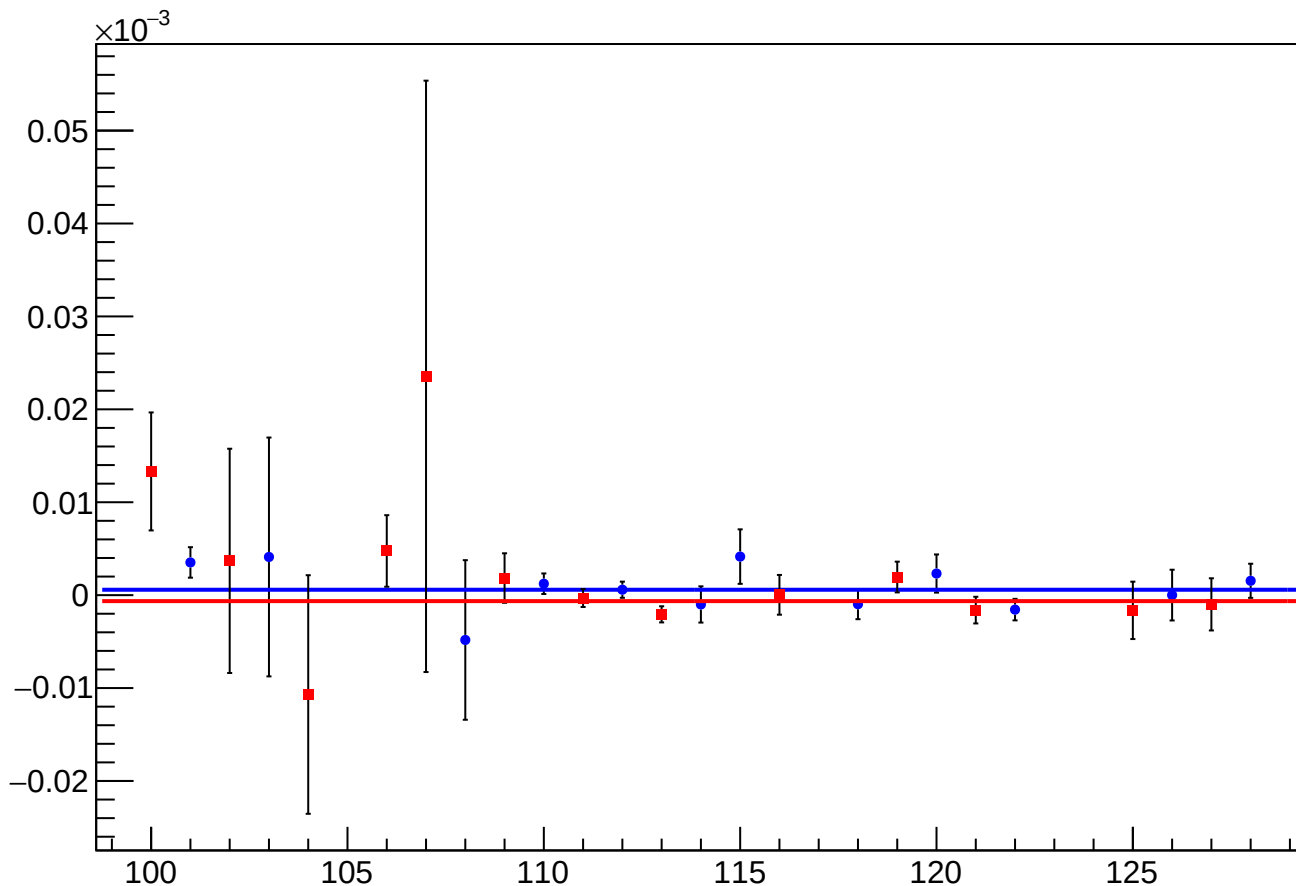
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.074+/-0.007 χ^2/NDF : 4072291.5/24

- 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: 11.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.9/12

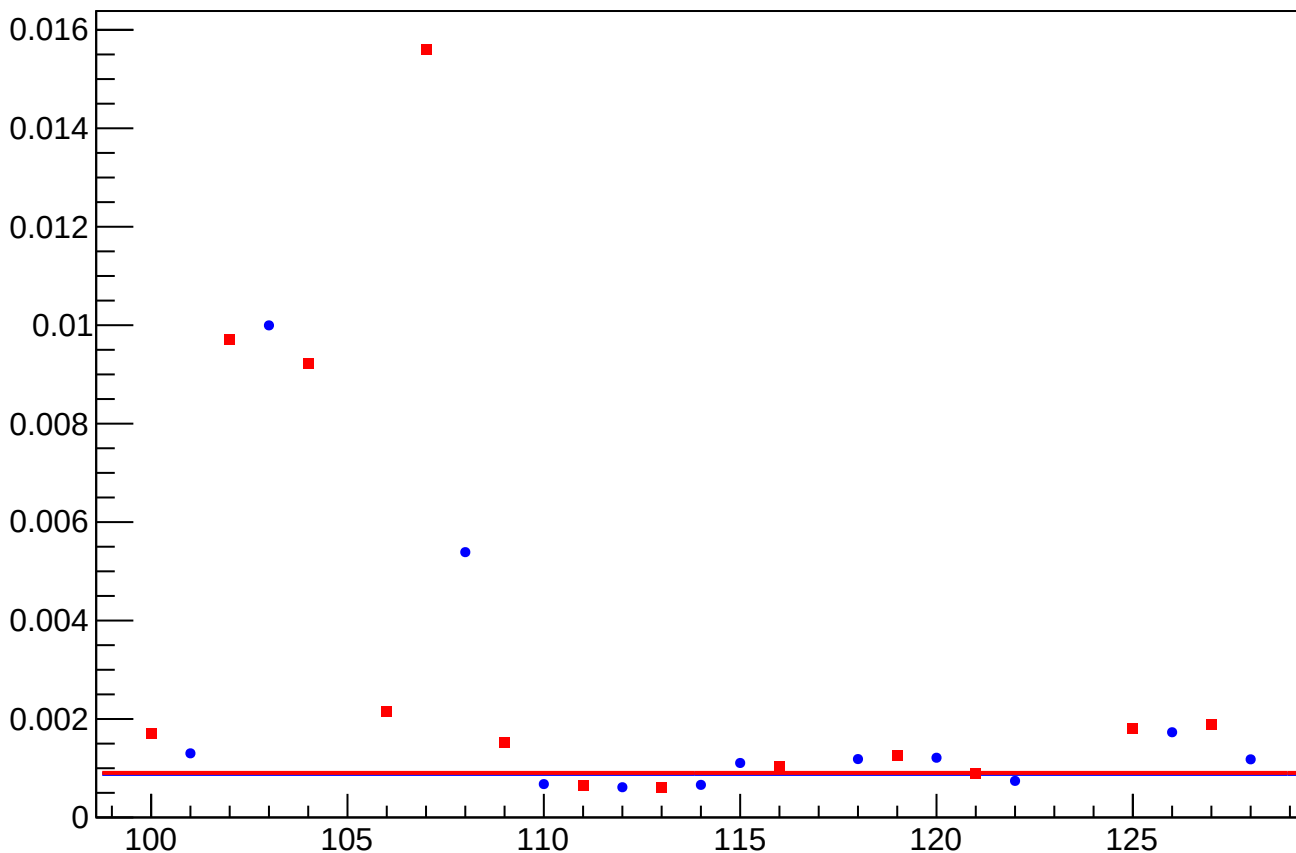
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 29.7/24

- 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 : 2381793.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3592556.1/12

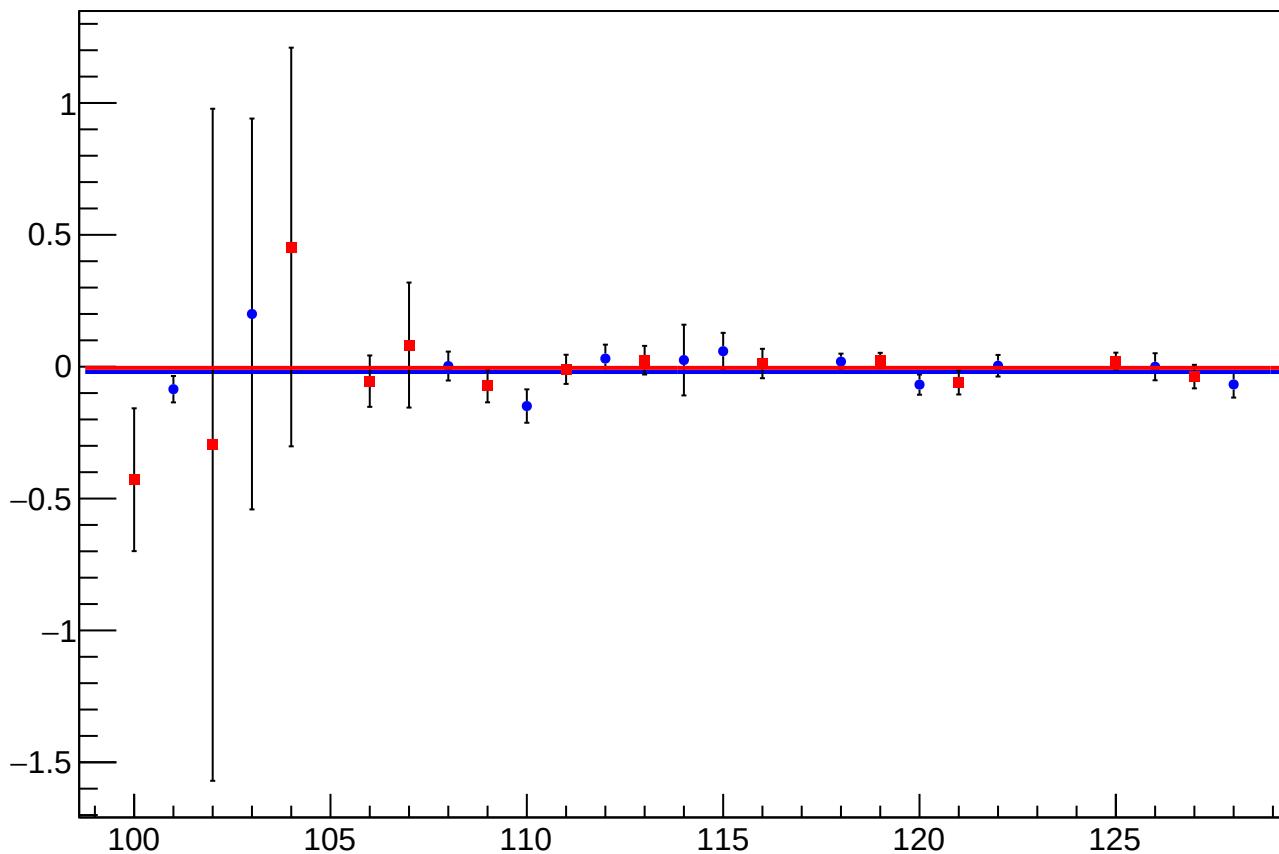
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5976141.5/24

- 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: -0.020 $\pm$ 0.015 χ^2 /NDF: 13.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.015 χ^2 /NDF: 8.4/12

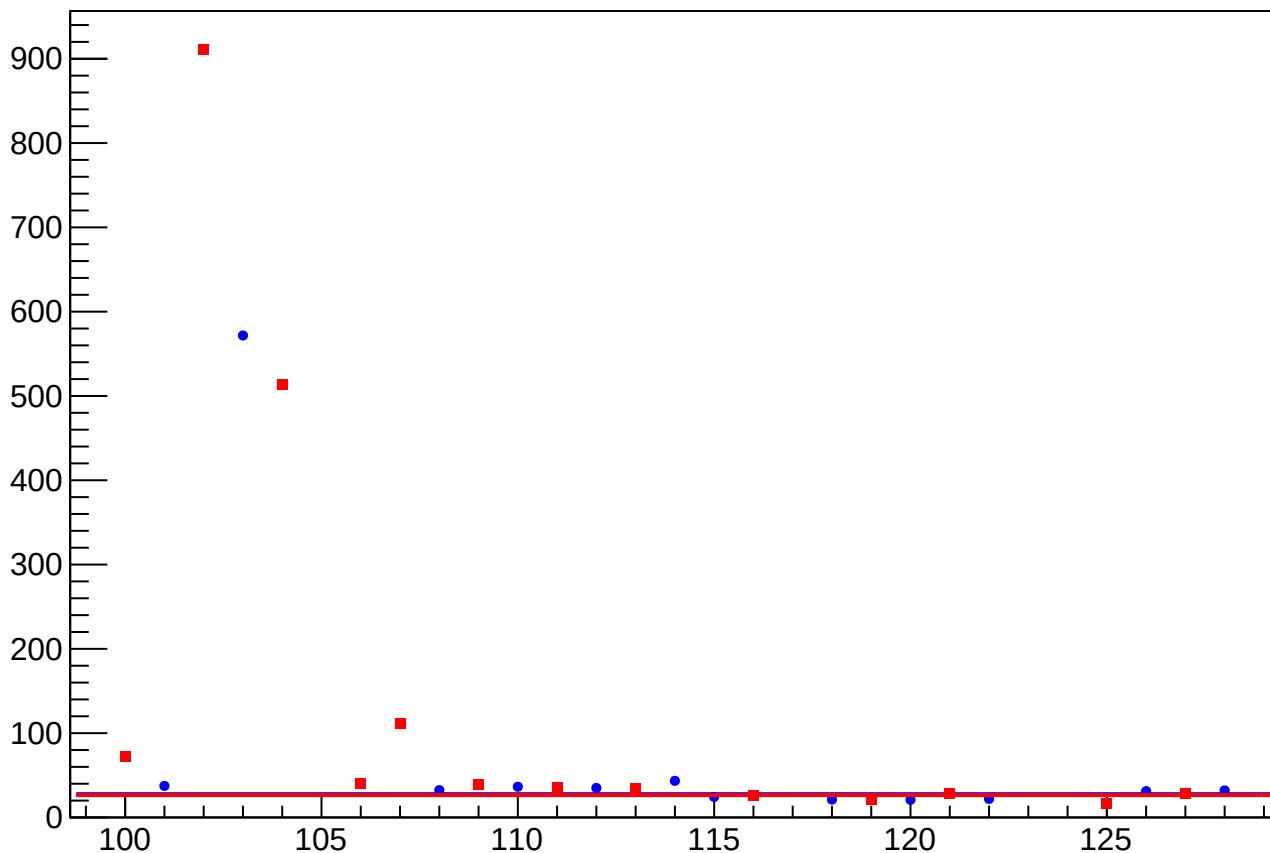
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.013 $\pm$ 0.010 χ^2 /NDF: 22.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 27.598+/-0.010 χ^2/NDF : 1490130.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.518+/-0.011 χ^2/NDF : 2576805.0/12

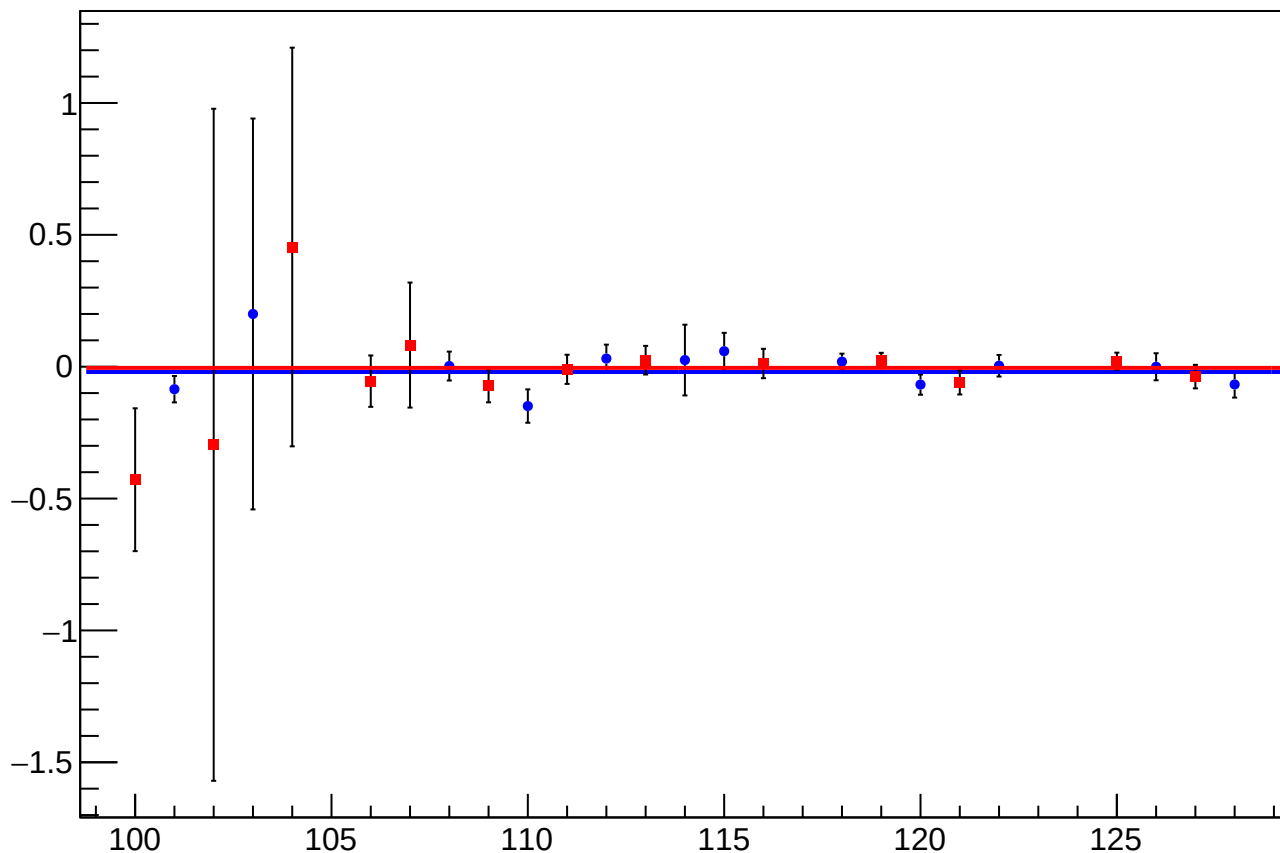
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.074+/-0.007 χ^2/NDF : 4072314.2/24

- 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: -0.020 ± 0.015 χ^2/NDF : 13.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.004 ± 0.015 χ^2/NDF : 8.4/12

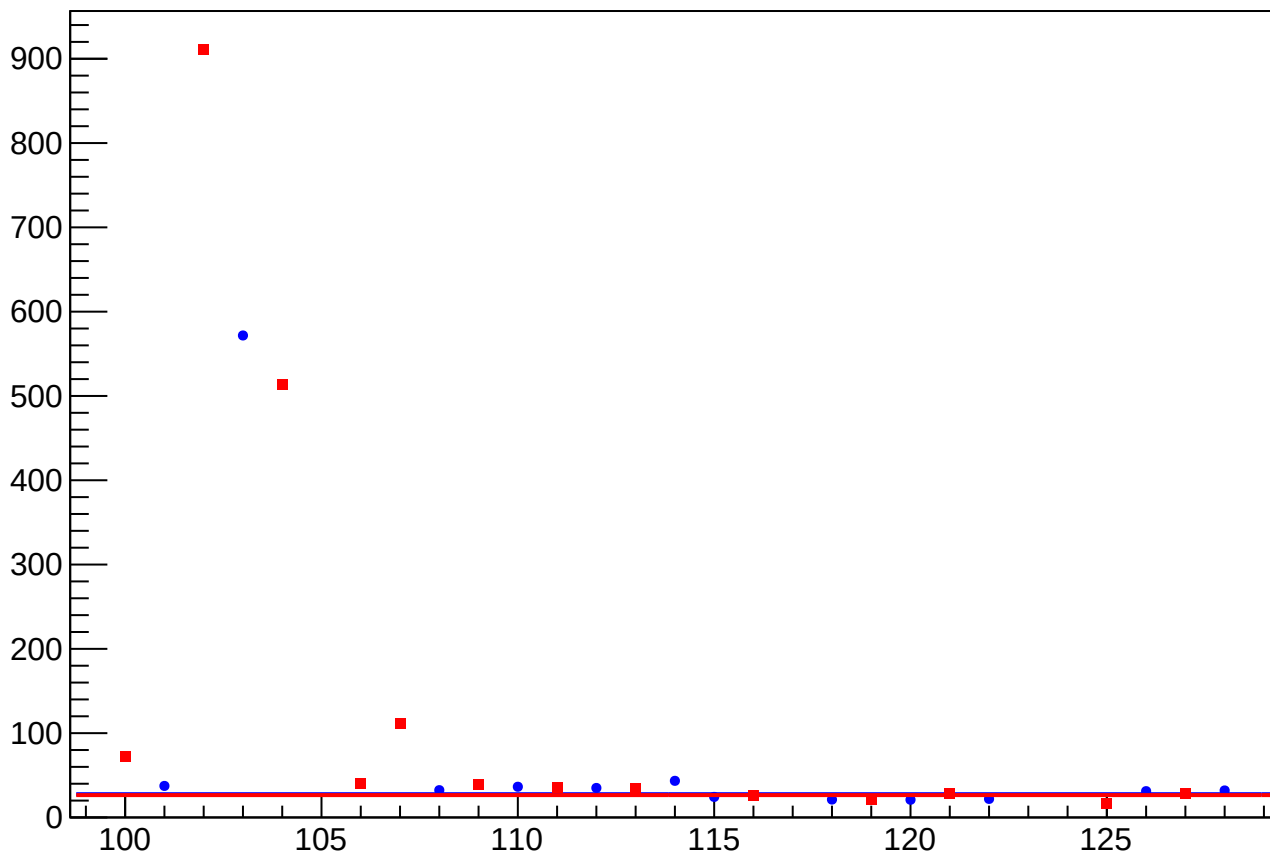
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.010 χ^2/NDF : 22.0/24

- 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: 27.598+/-0.010 χ^2/NDF : 1490130.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.518+/-0.011 χ^2/NDF : 2576805.0/12

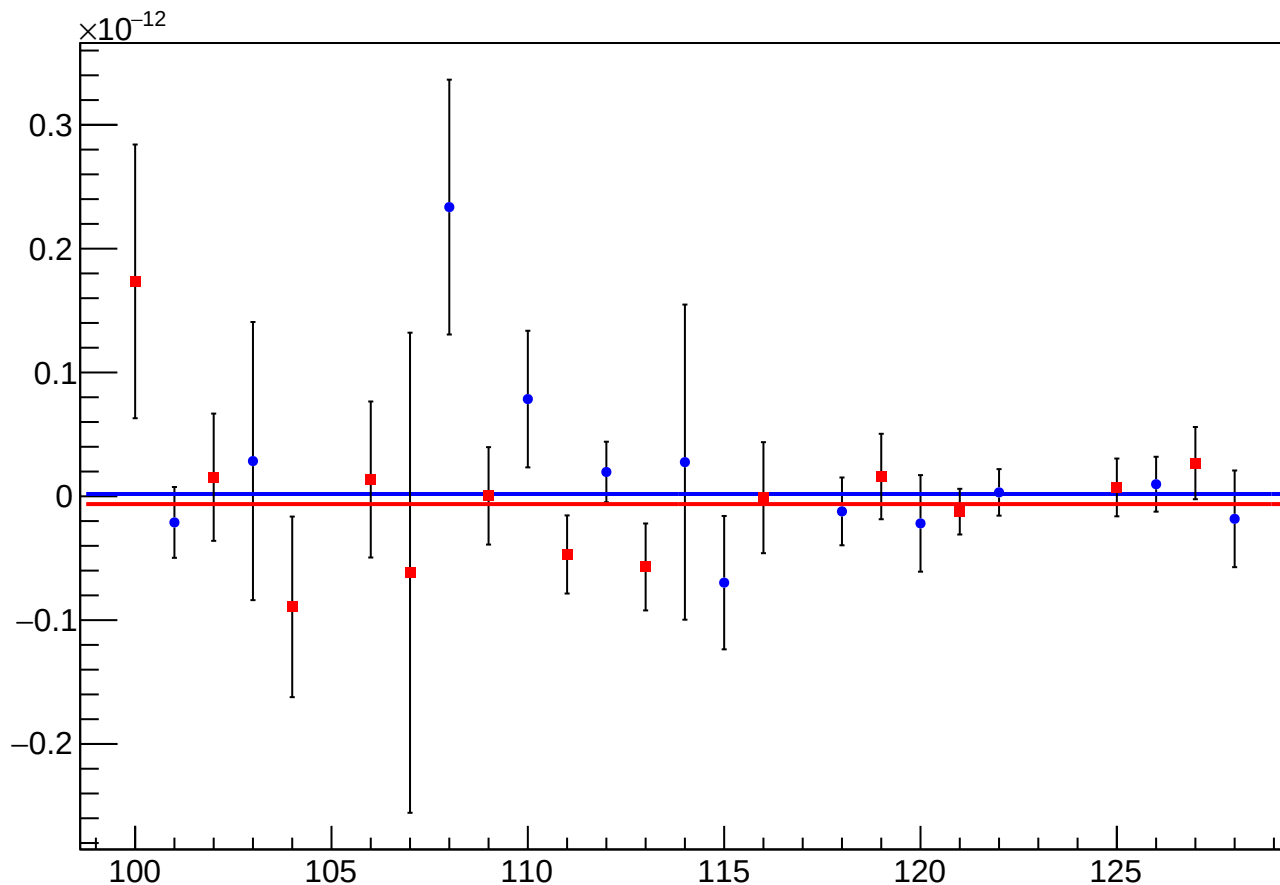
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.074+/-0.007 χ^2/NDF : 4072314.2/24

- 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: 11.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.2/12

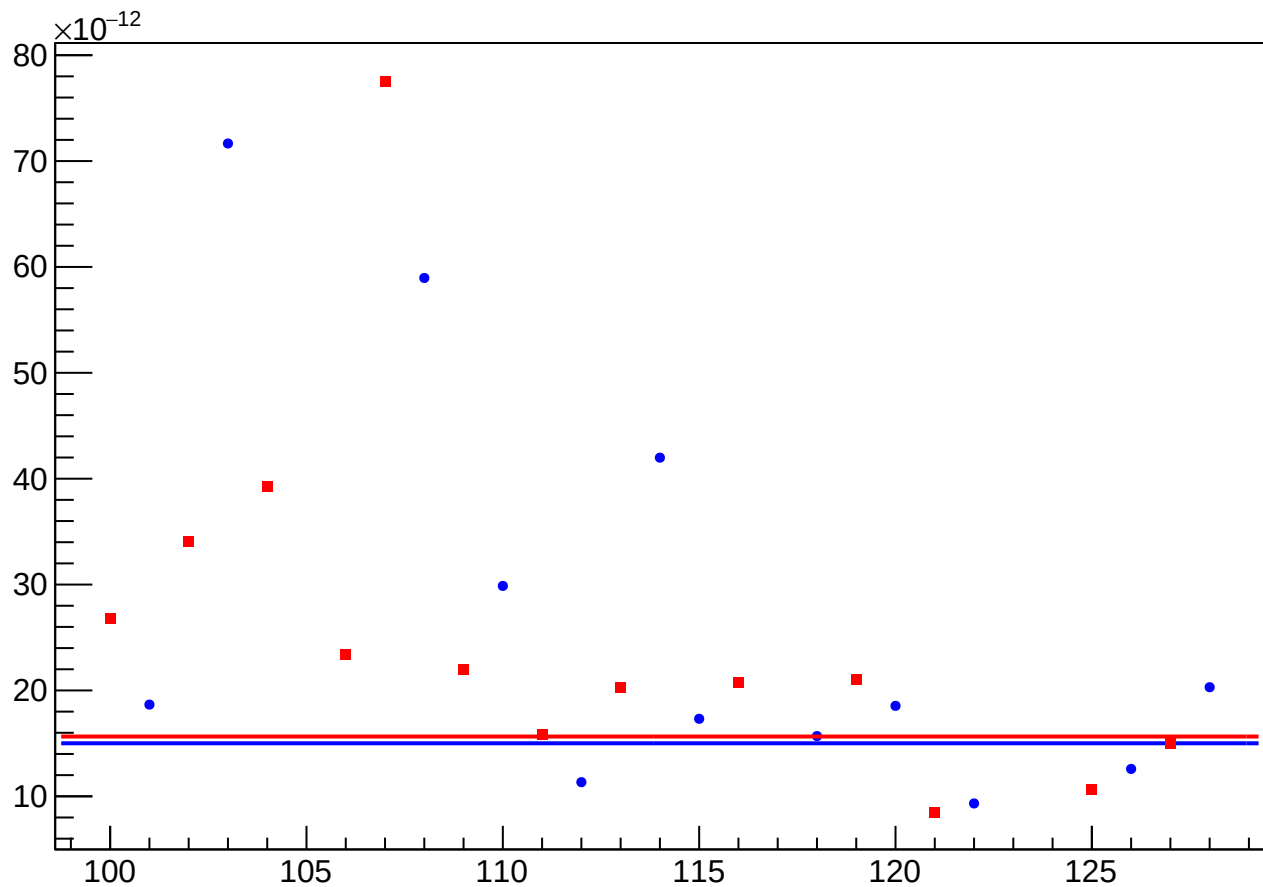
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1451657.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1279954.0/12

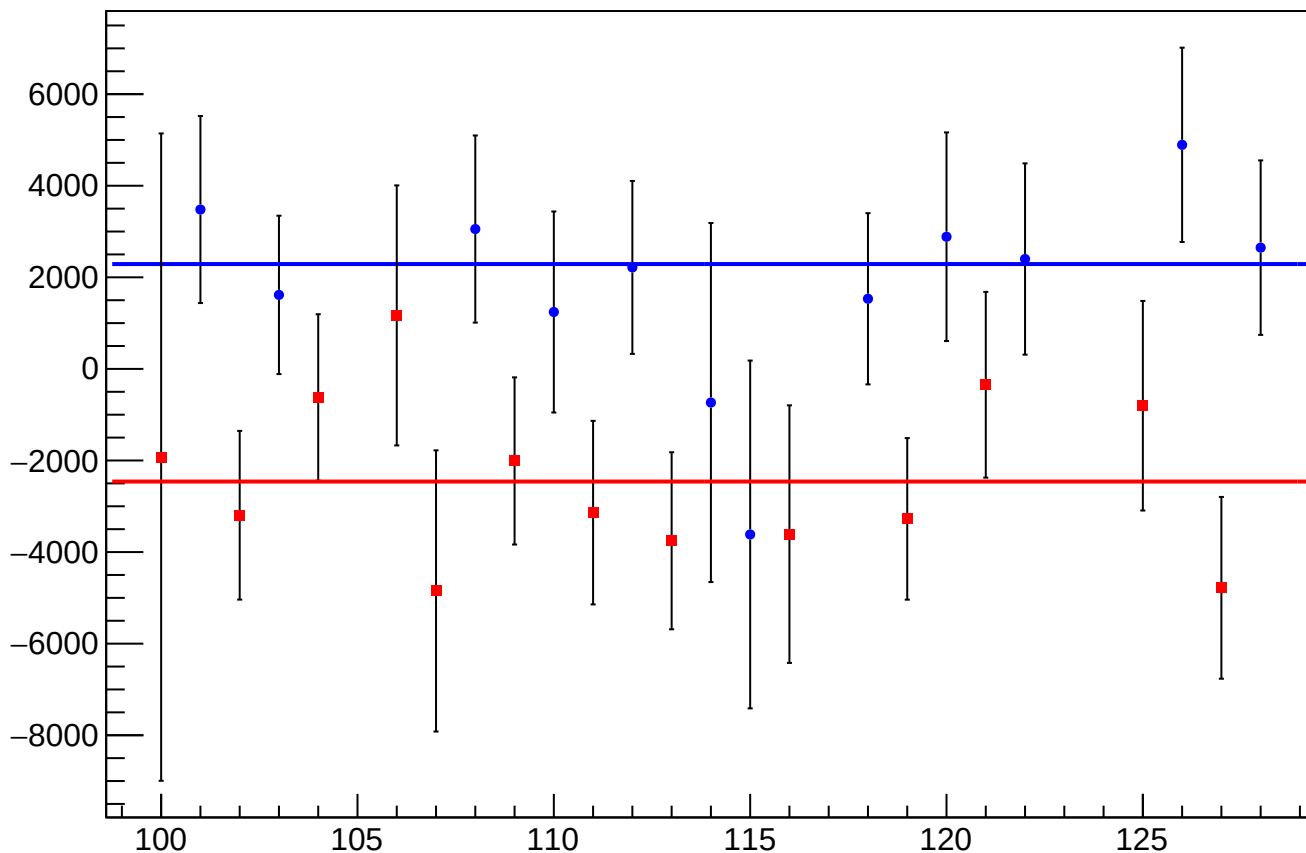
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2736114.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_avg_mean vs Slug



Right In: 2289.502 $\pm$ 615.261 χ^2 /NDF: 5.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2459.934 $\pm$ 597.650 χ^2 /NDF: 7.4/12

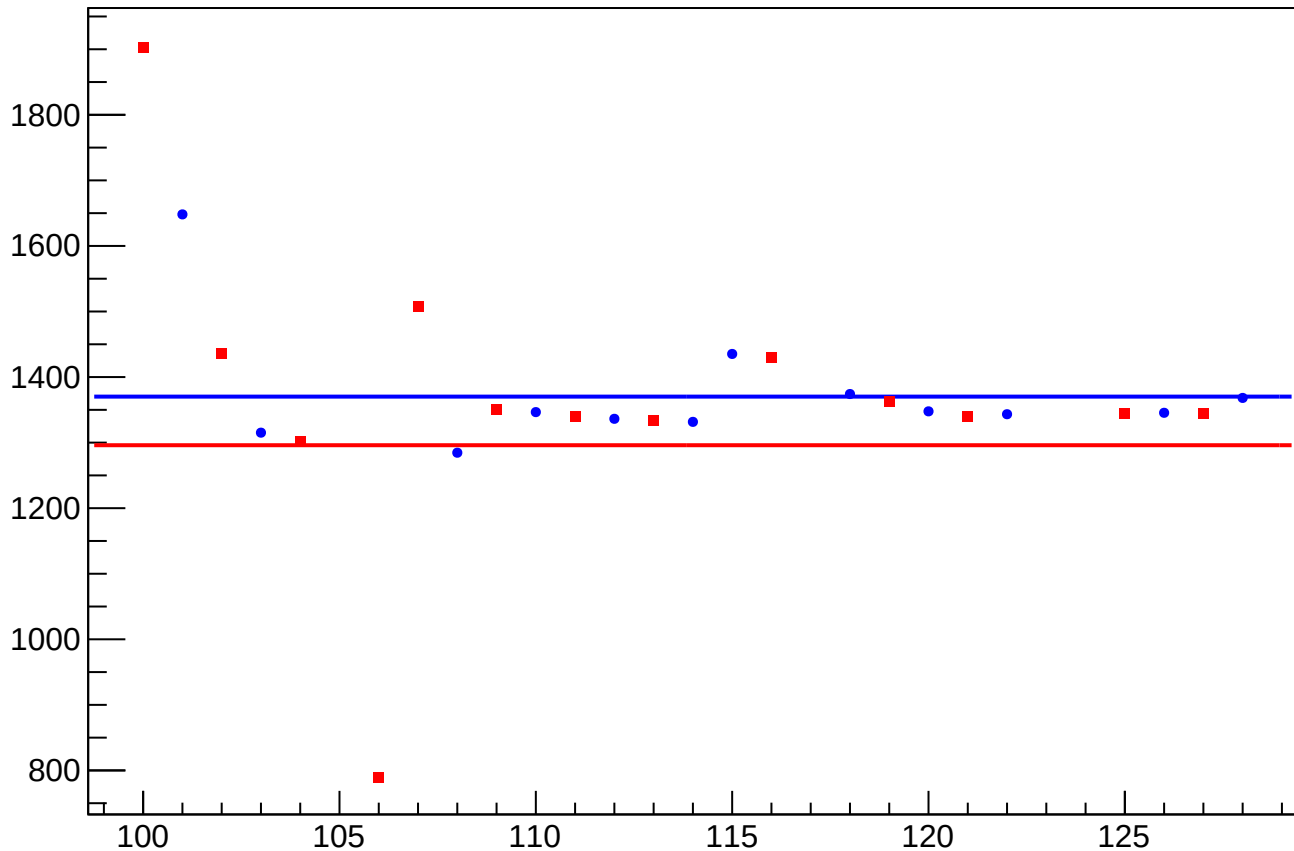
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -154.160 $\pm$ 428.693 χ^2 /NDF: 43.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_avg_rms vs Slug



Right In: 1370.183+/-0.435 χ^2/NDF : 45040.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1296.040+/-0.405 χ^2/NDF : 237862.2/12

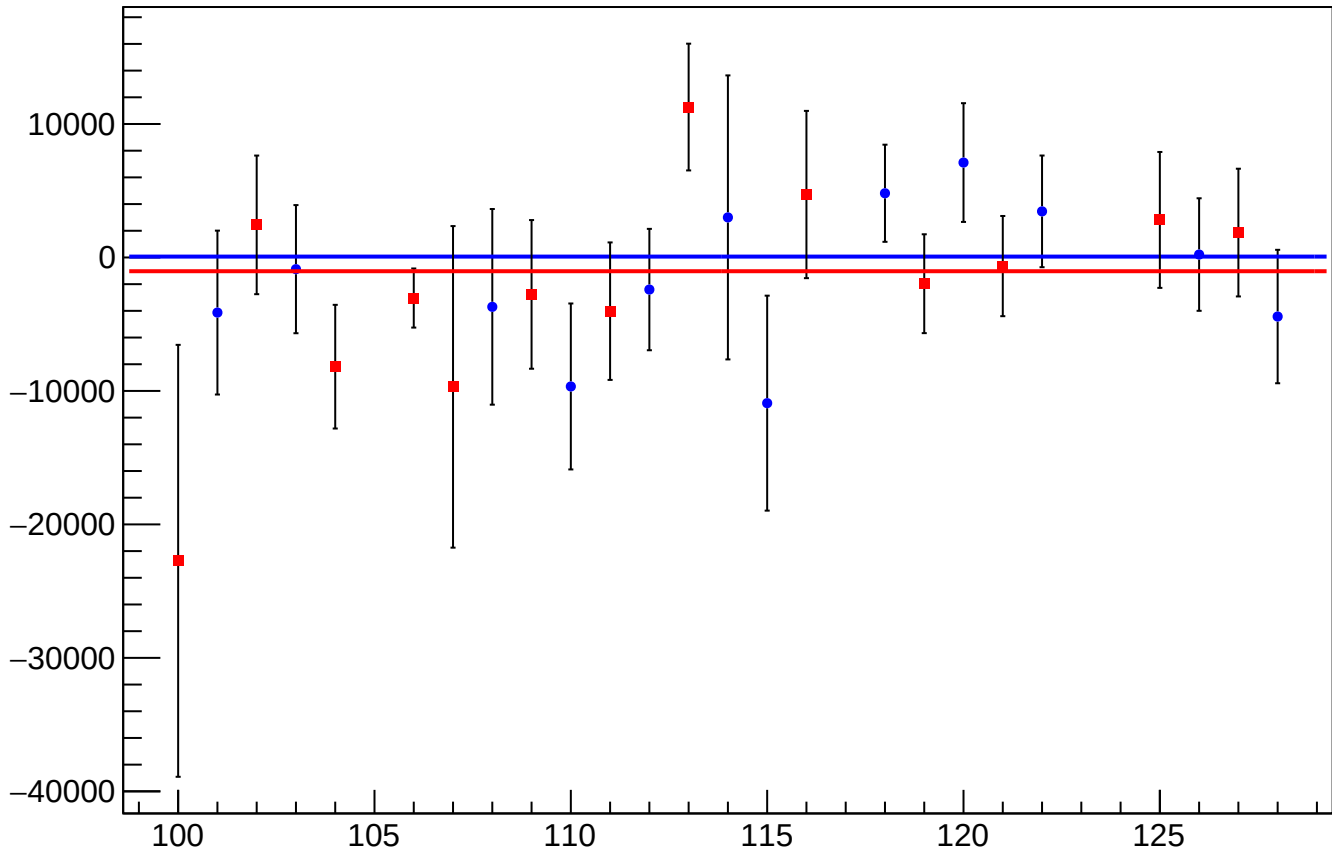
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1330.495+/-0.297 χ^2/NDF : 298449.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_reg_correction_mean vs Slug



Right In: 65.610+/-1464.109 χ^2/NDF : 11.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1030.508+/-1226.988 χ^2/NDF : 15.0/12

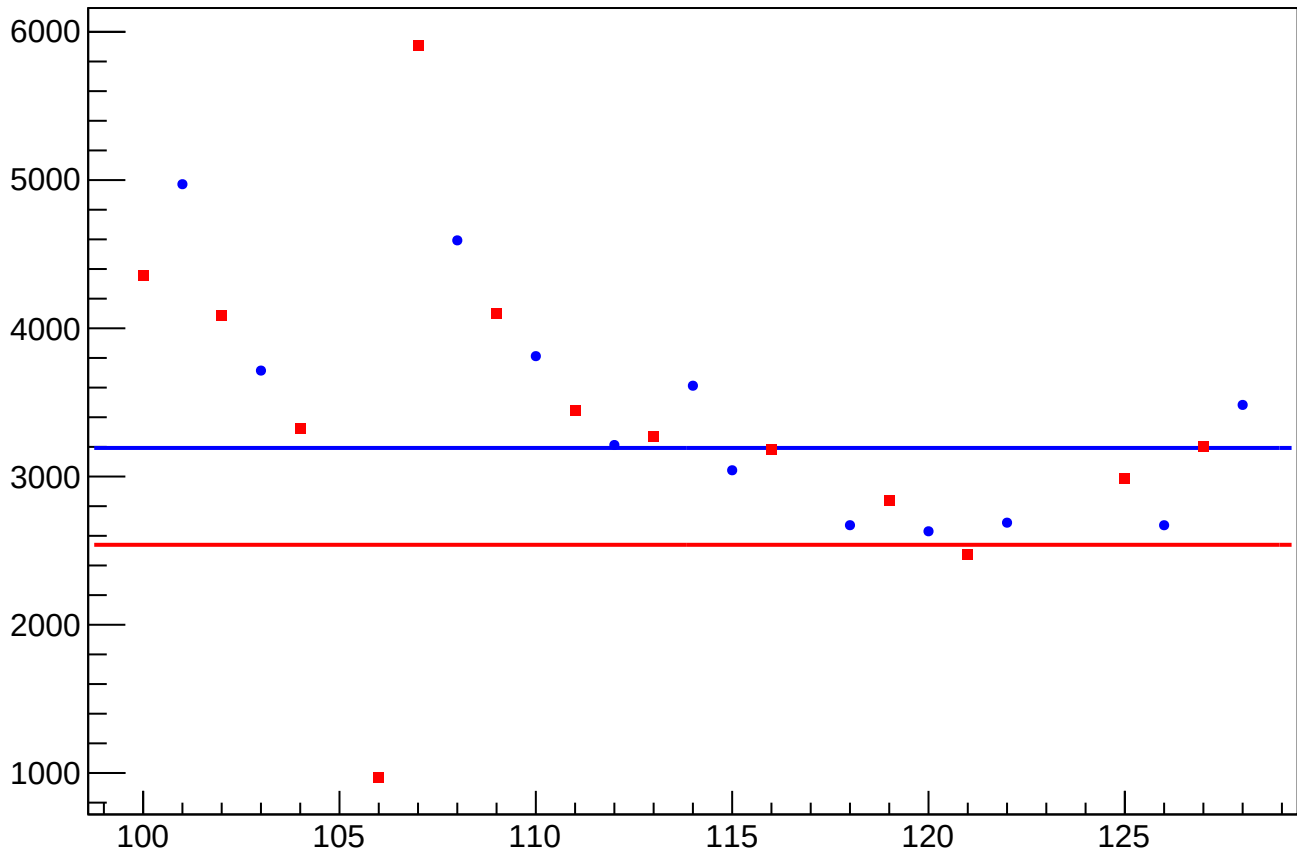
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -578.287+/-940.416 χ^2/NDF : 26.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_reg_correction_rms vs Slug



Right In: 3192.872+/-1.035 χ^2/NDF : 427684.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

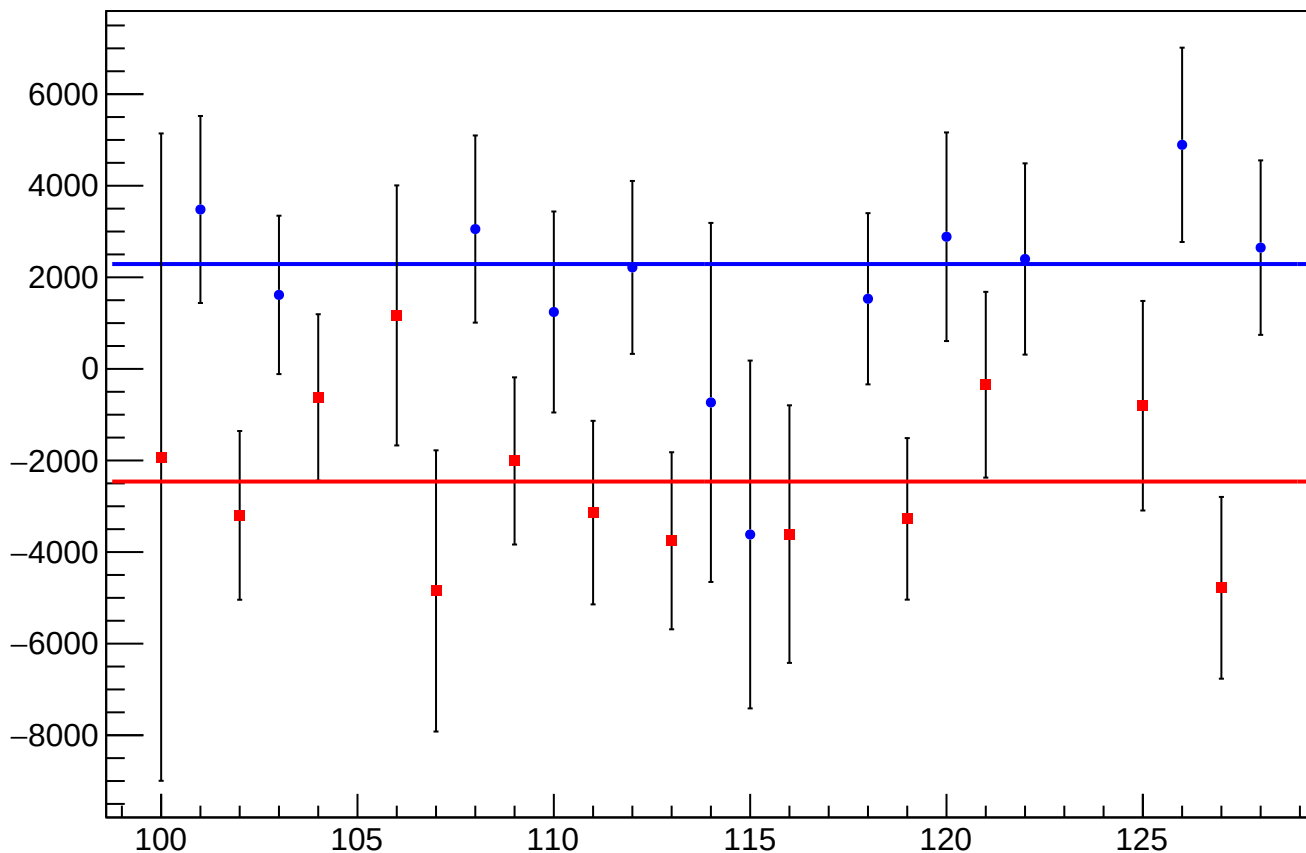
Right Out: 2539.417+/-0.868 χ^2/NDF : 1775657.9/12

All: 2809.010+/-0.665 χ^2/NDF : 2437372.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl2_avg_mean vs Slug



Right In: 2289.667 $\pm$ 615.261 χ^2 /NDF: 5.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2460.195 $\pm$ 597.655 χ^2 /NDF: 7.4/12

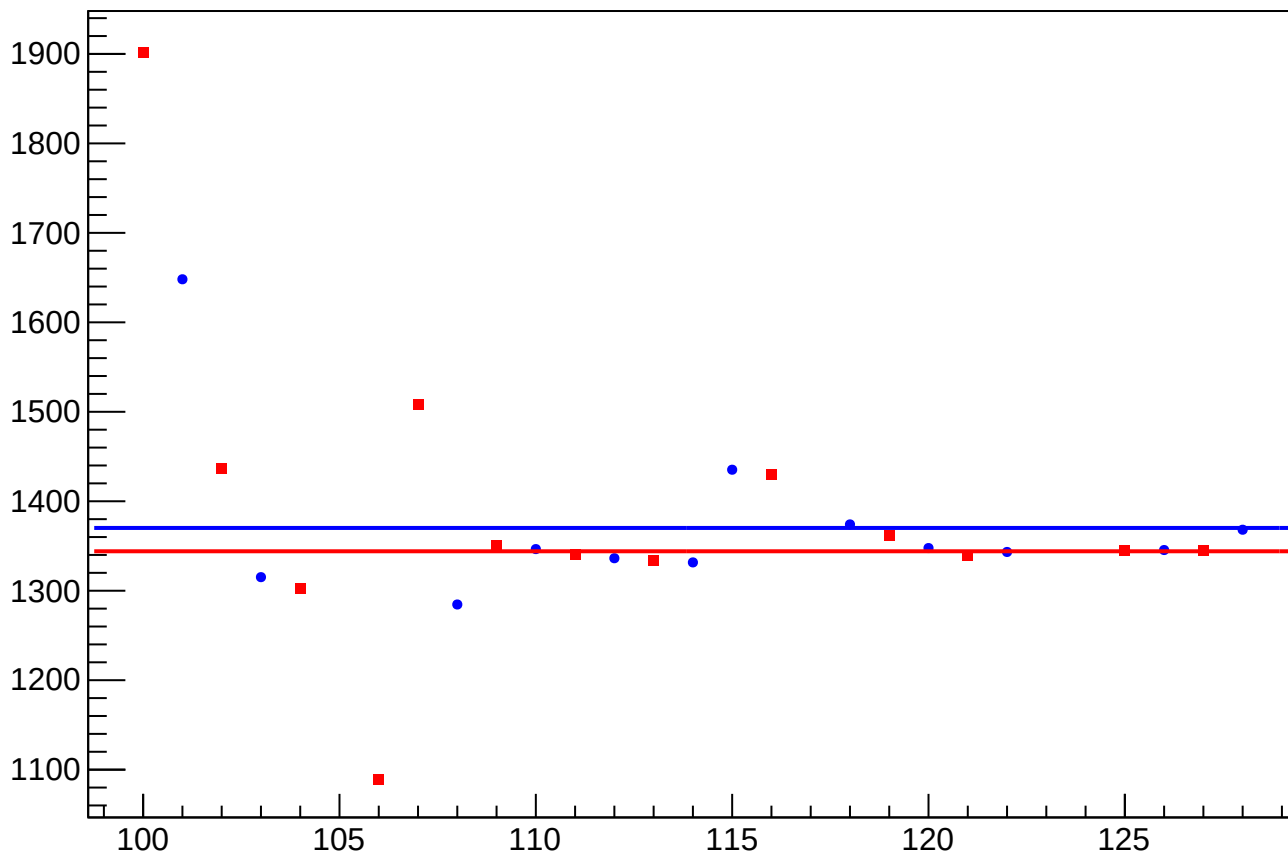
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -154.194 $\pm$ 428.695 χ^2 /NDF: 43.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usl_atl2_avg_rms vs Slug



Right In: 1370.182 $\pm$ 0.435 χ^2 /NDF: 45040.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1344.100 $\pm$ 0.415 χ^2 /NDF: 55630.6/12

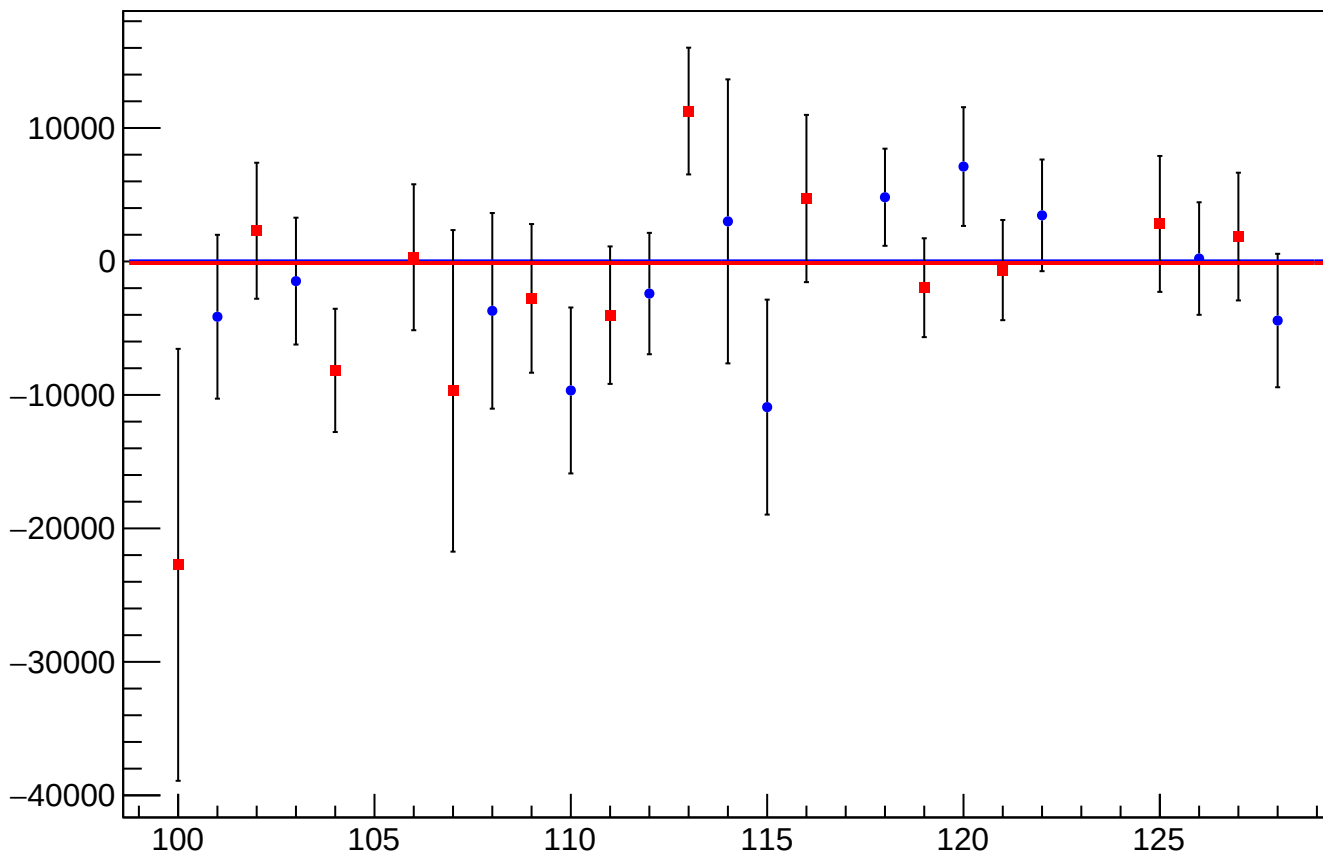
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1356.533 $\pm$ 0.300 χ^2 /NDF: 102551.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_cor_correction_mean vs Slug



Right In: 6.732 $\pm$ 1462.686 χ^2 /NDF: 11.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -115.948 $\pm$ 1420.694 χ^2 /NDF: 13.8/12

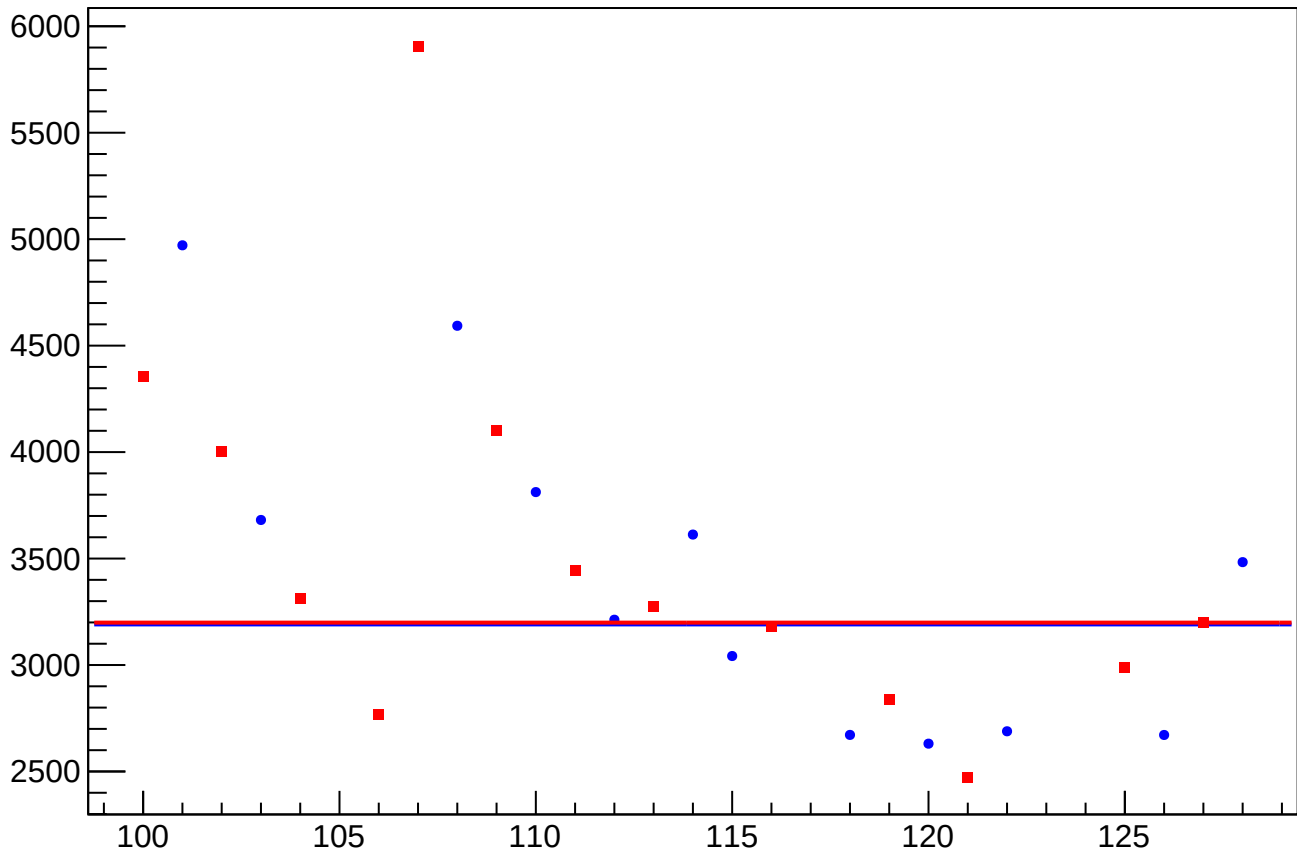
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -56.394 $\pm$ 1019.105 χ^2 /NDF: 25.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_cor_correction_rms vs Slug



Right In: 3190.673+/-1.034 χ^2/NDF : 425039.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3199.095+/-1.005 χ^2/NDF : 328808.3/12

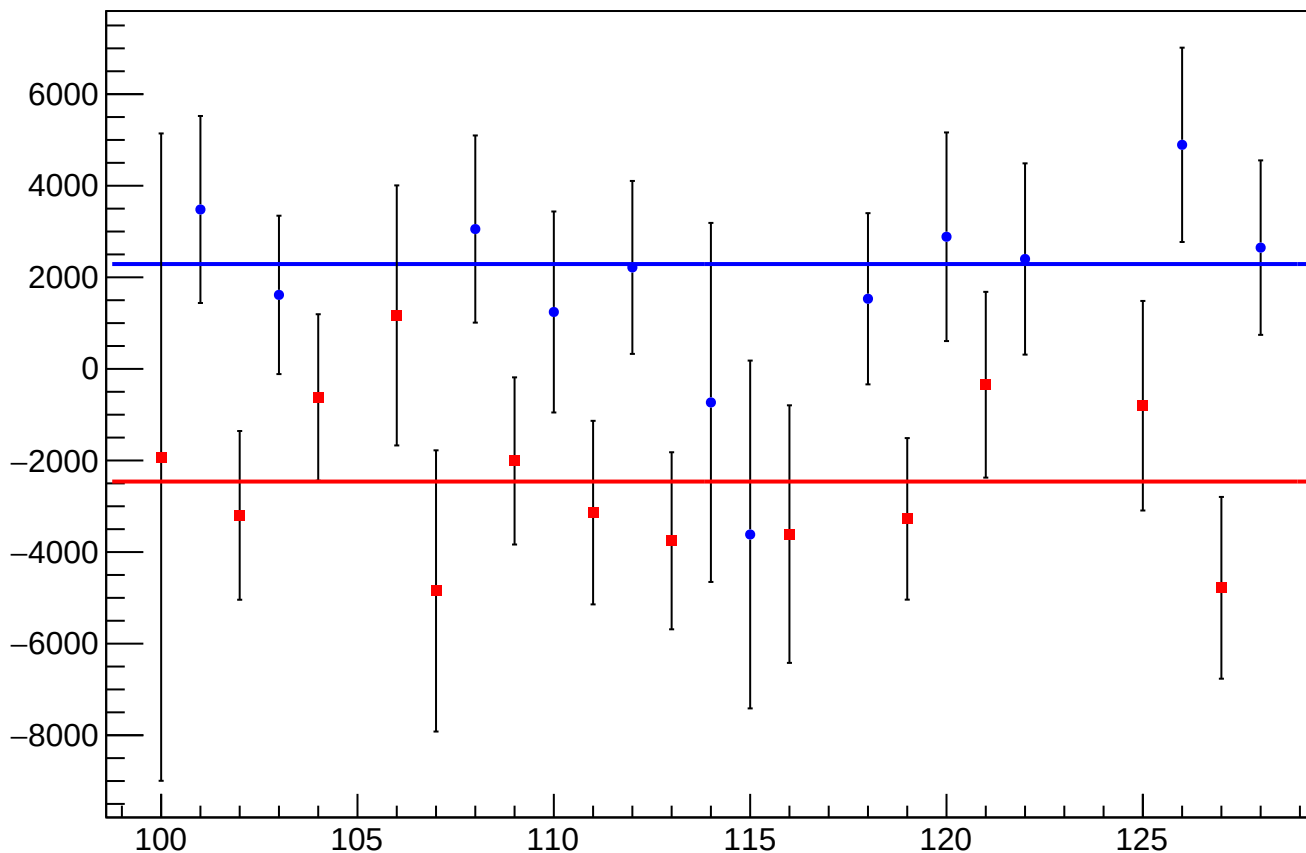
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3195.007+/-0.721 χ^2/NDF : 753882.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl2_avg_mean vs Slug



Right In: 2289.667 $\pm$ 615.261 χ^2 /NDF: 5.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2460.195 $\pm$ 597.655 χ^2 /NDF: 7.4/12

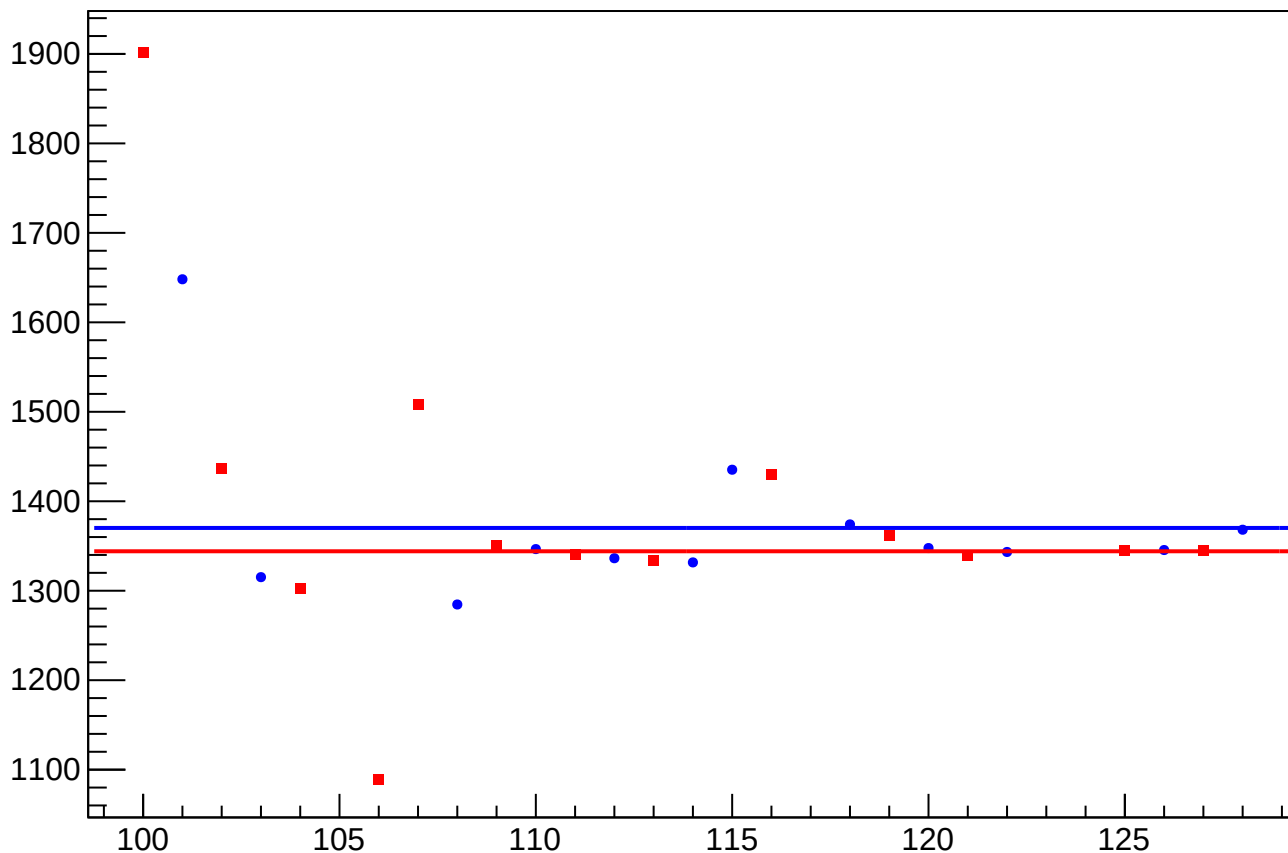
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -154.194 $\pm$ 428.695 χ^2 /NDF: 43.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usl_atl2_avg_rms vs Slug



Right In: 1370.182 $\pm$ 0.435 χ^2 /NDF: 45040.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1344.100 $\pm$ 0.415 χ^2 /NDF: 55630.6/12

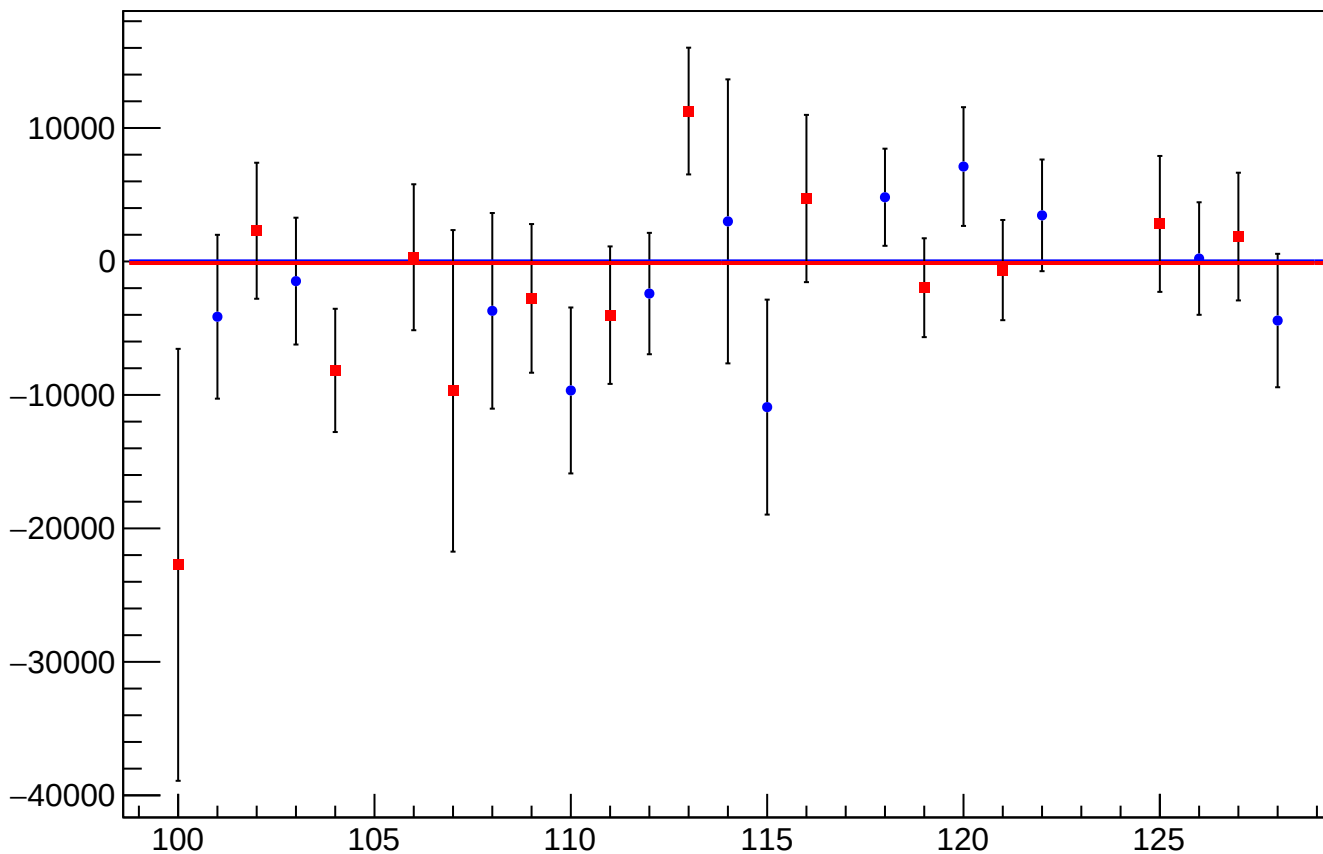
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1356.533 $\pm$ 0.300 χ^2 /NDF: 102551.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_cor_correction_mean vs Slug



Right In: 6.732 $\pm$ 1462.686 χ^2 /NDF: 11.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -115.948 $\pm$ 1420.694 χ^2 /NDF: 13.8/12

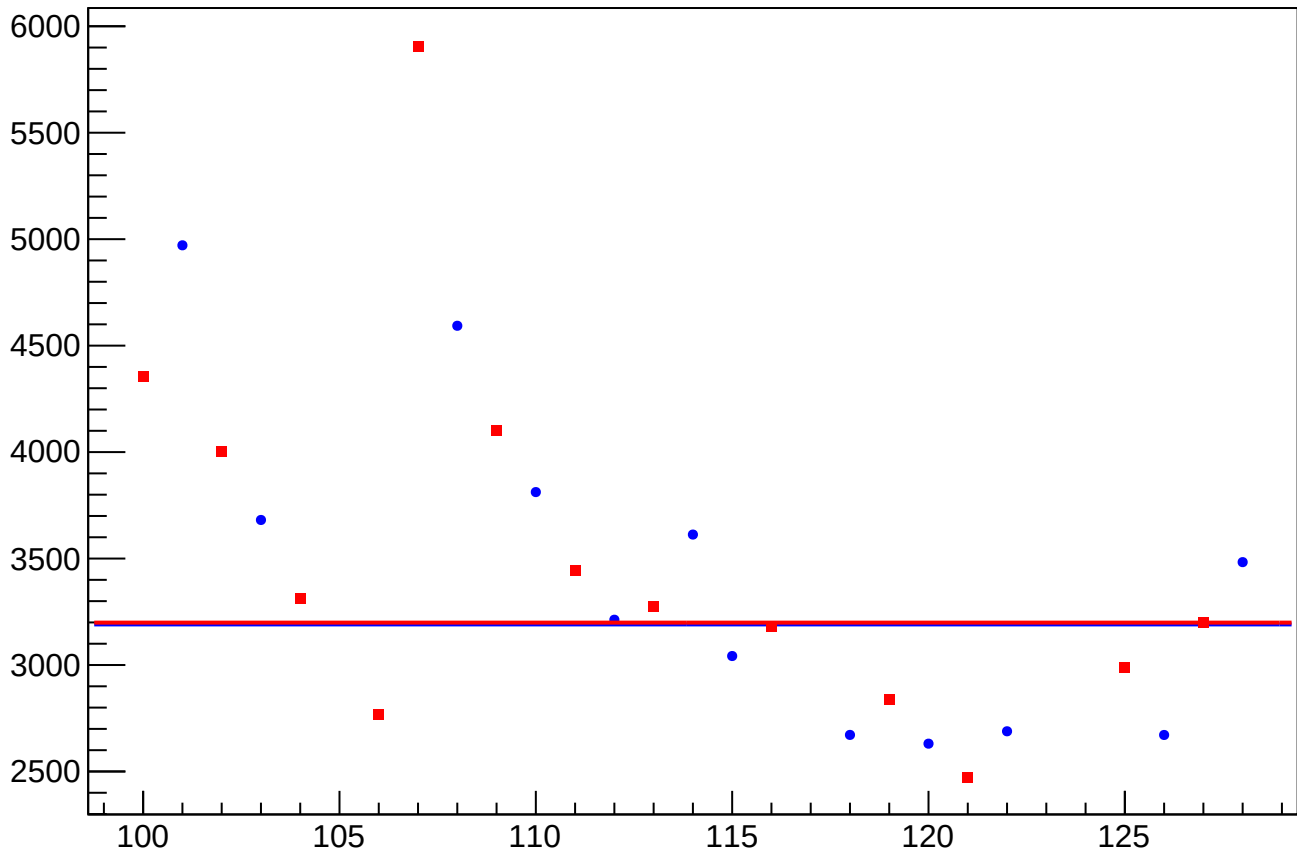
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -56.394 $\pm$ 1019.105 χ^2 /NDF: 25.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_cor_correction_rms vs Slug



Right In: 3190.673+/-1.034 χ^2/NDF : 425039.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3199.095+/-1.005 χ^2/NDF : 328808.3/12

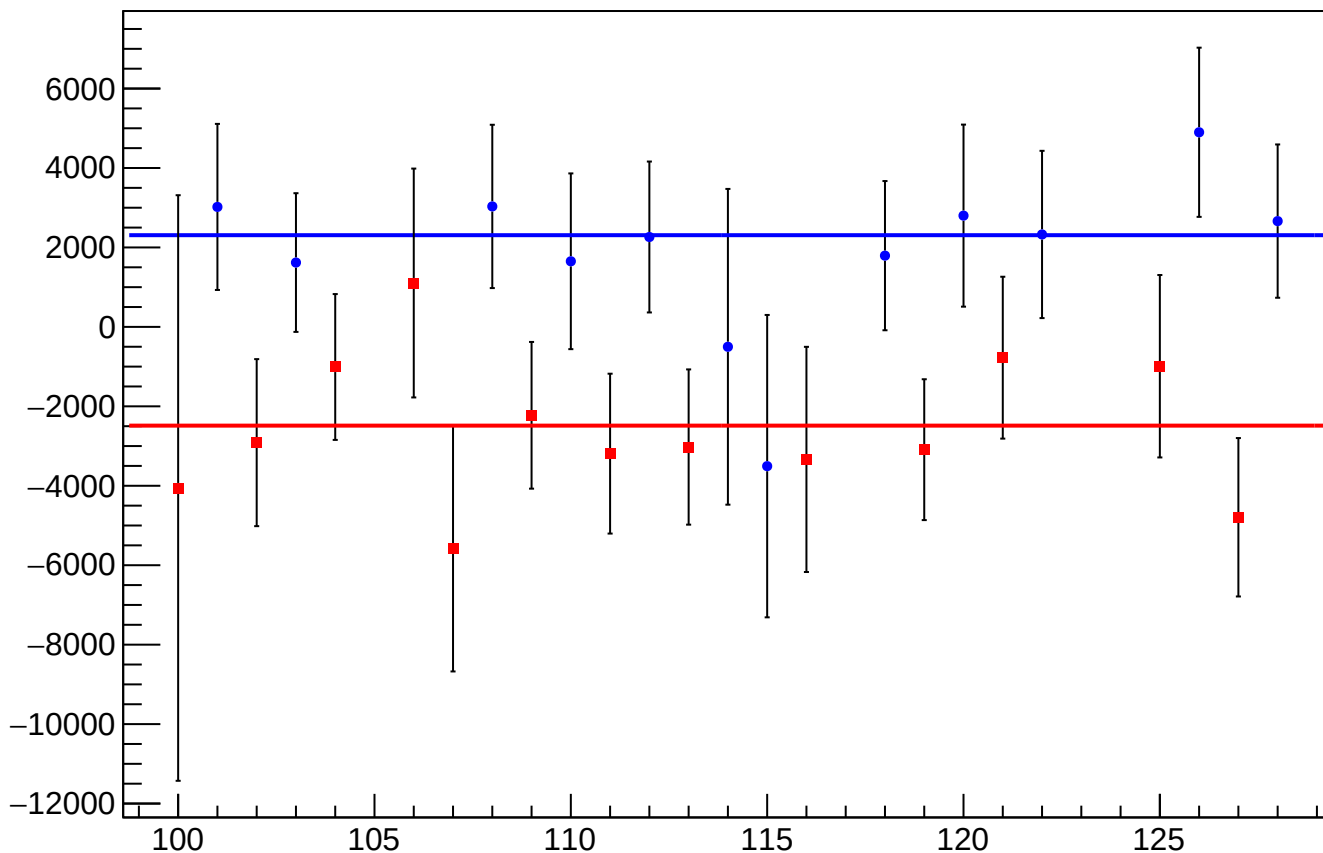
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3195.007+/-0.721 χ^2/NDF : 753882.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl2_avg_mean vs Slug



Right In: 2308.699+/-620.668 χ^2/NDF : 5.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2485.695+/-609.397 χ^2/NDF : 6.2/12

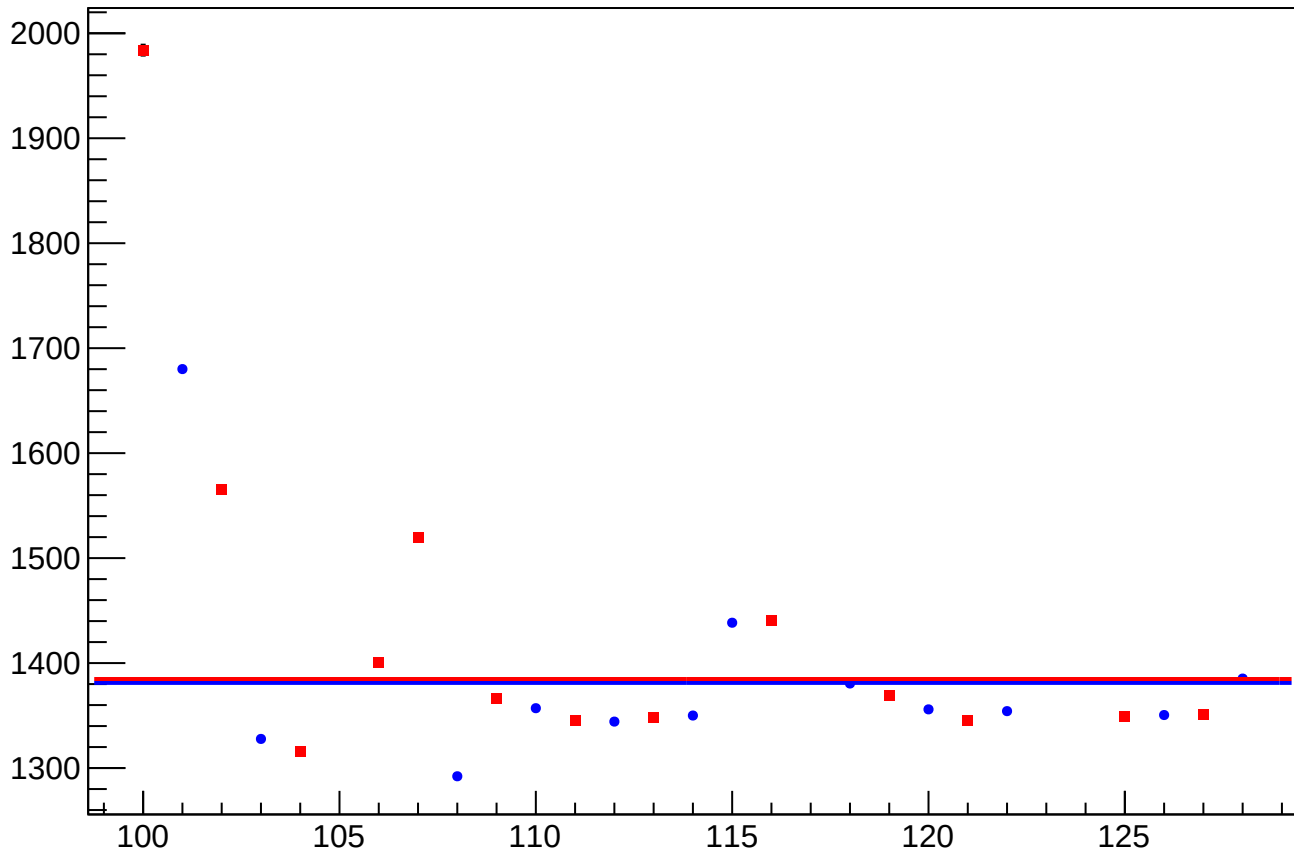
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -132.426+/-434.839 χ^2/NDF : 41.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl2_avg_rms vs Slug



Right In: 1381.131+/-0.439 χ^2/NDF : 49077.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1384.827+/-0.429 χ^2/NDF : 39074.2/12

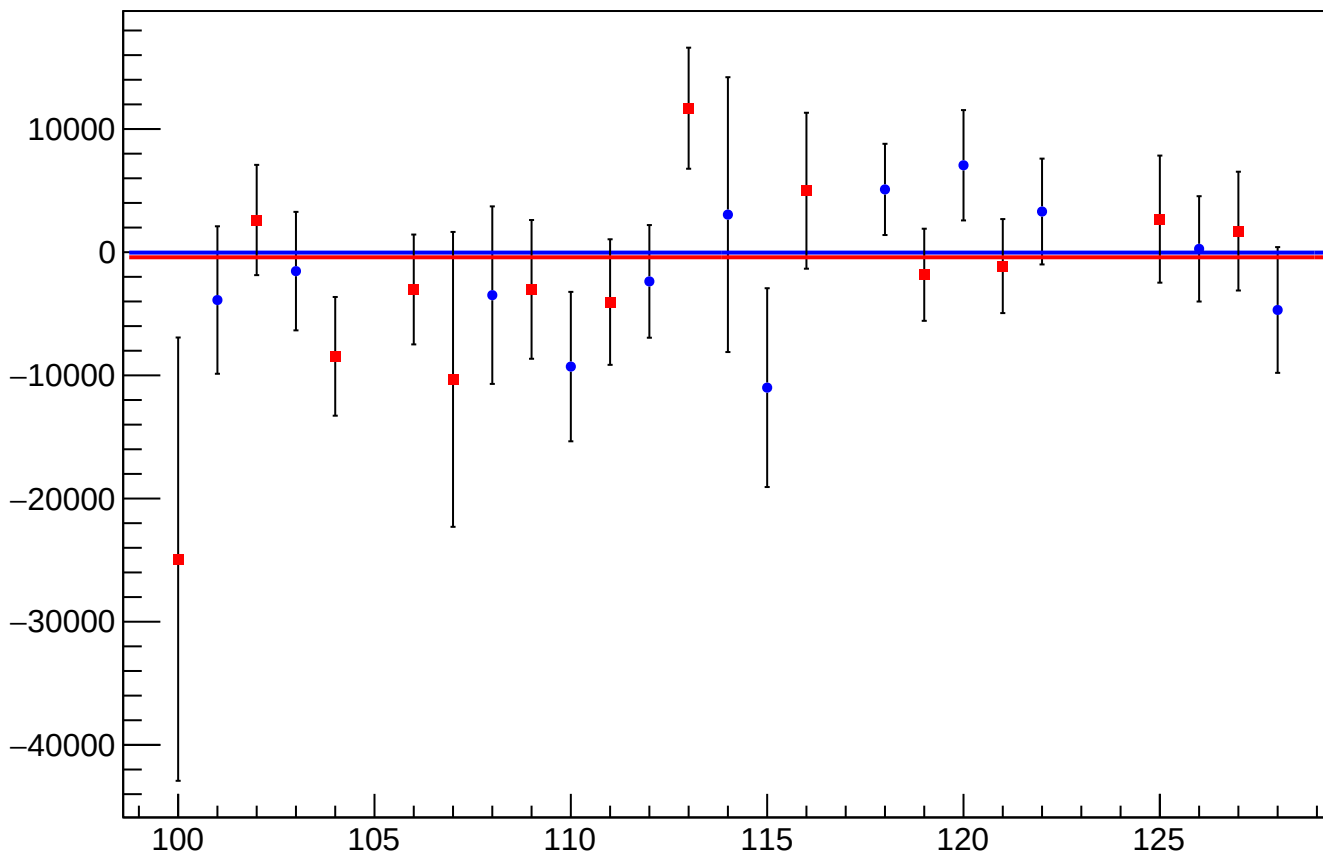
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1383.019+/-0.307 χ^2/NDF : 88187.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_dit_correction_mean vs Slug



Right In: -31.586 ± 1476.350 χ^2/NDF : 11.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -413.715 ± 1399.703 χ^2/NDF : 14.4/12

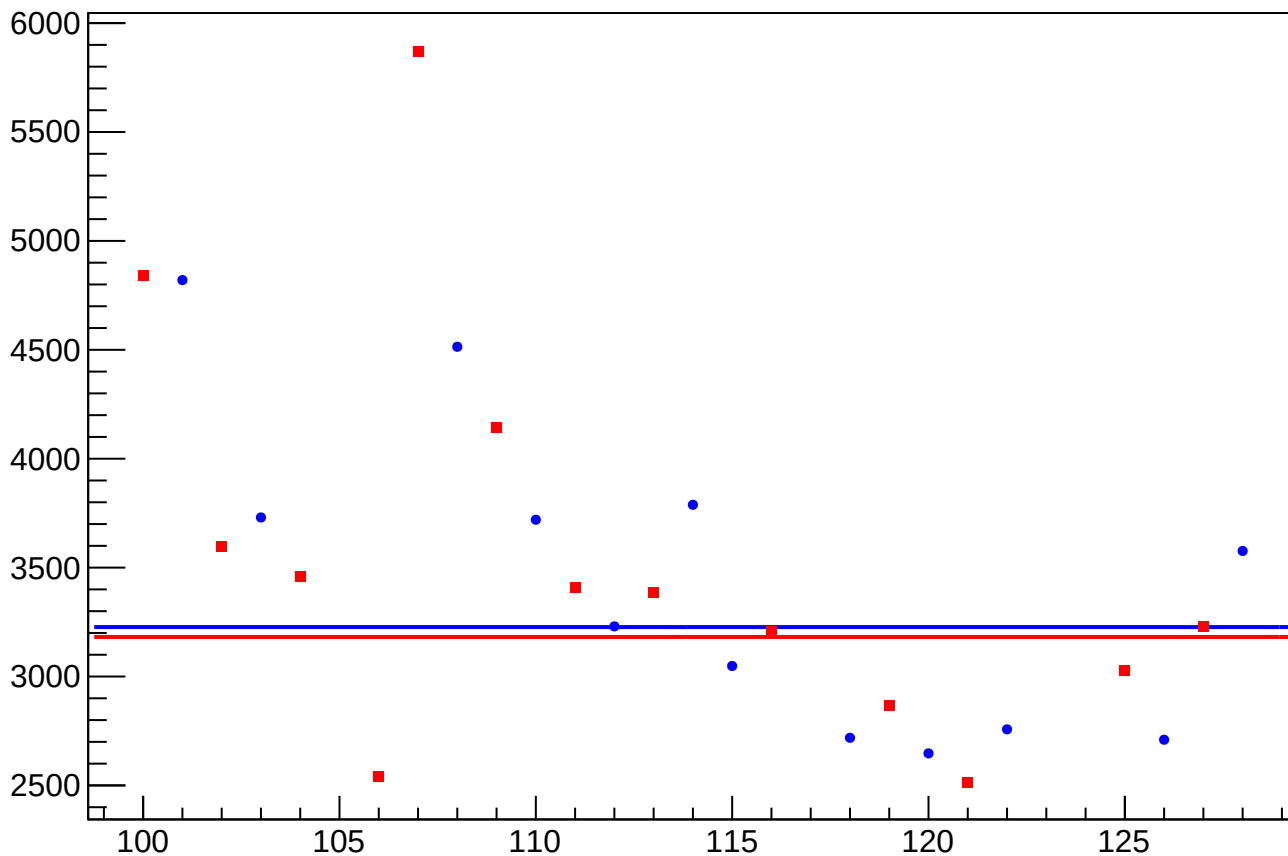
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -232.827 ± 1015.755 χ^2/NDF : 25.5/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_dit_correction_rms vs Slug



Right In: 3227.007 $\pm$ 1.044 χ^2 /NDF: 380303.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

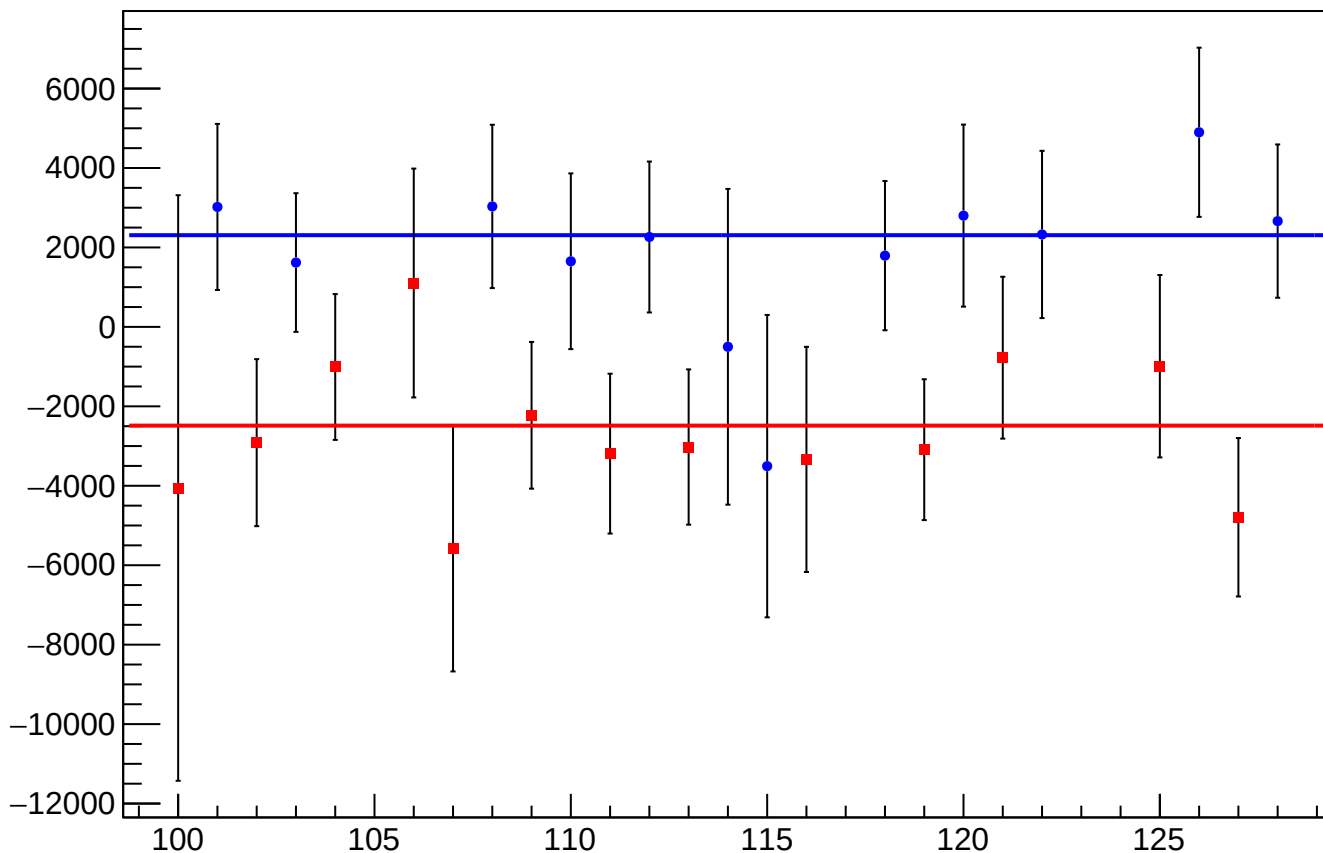
Right Out: 3181.732 $\pm$ 0.990 χ^2 /NDF: 326370.5/12

All: 3203.164 $\pm$ 0.718 χ^2 /NDF: 707664.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usl_atl2_avg_mean vs Slug



Right In: 2308.704+/-620.668 χ^2/NDF : 5.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2485.700+/-609.397 χ^2/NDF : 6.2/12

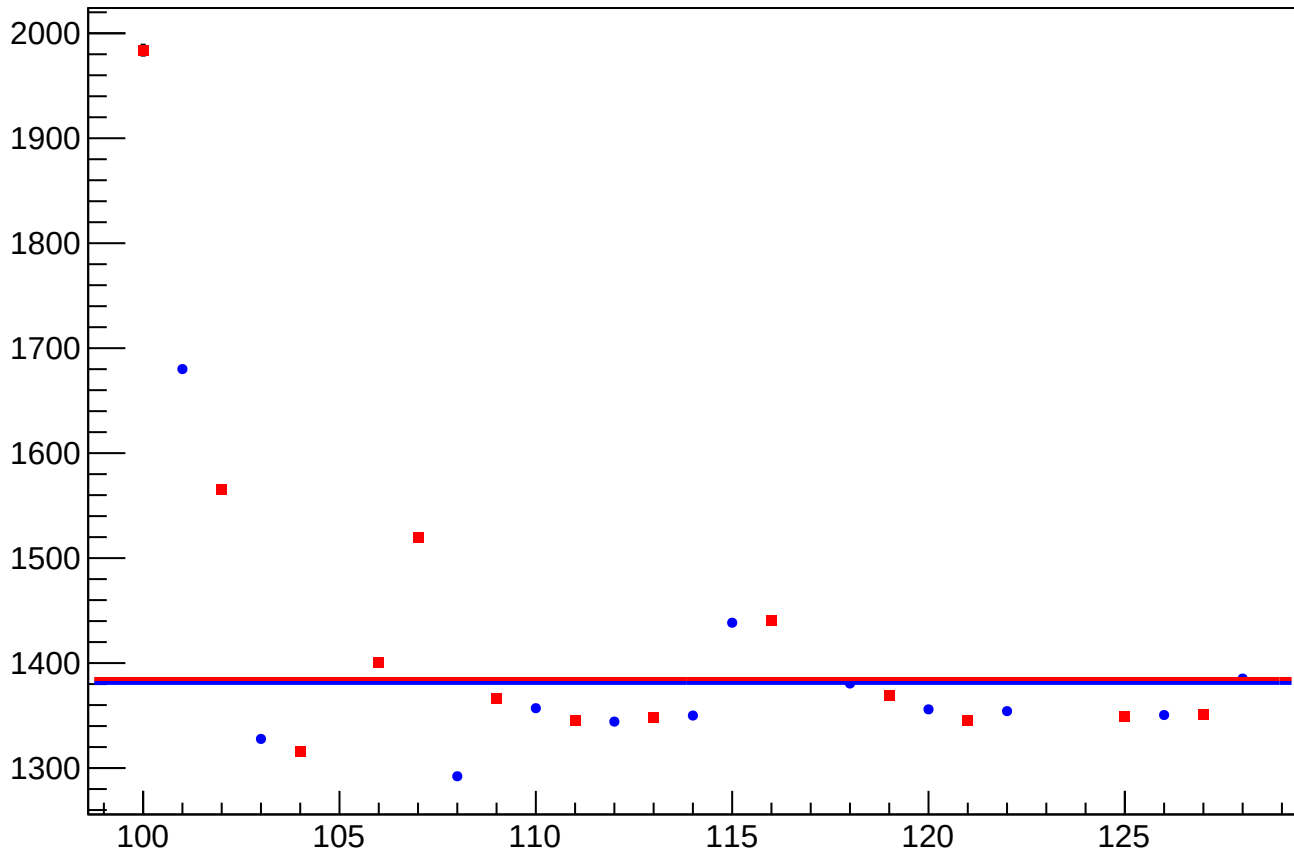
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -132.426+/-434.839 χ^2/NDF : 41.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl2_avg_rms vs Slug



Right In: 1381.131+/-0.439 χ^2/NDF : 49076.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1384.826+/-0.429 χ^2/NDF : 39074.2/12

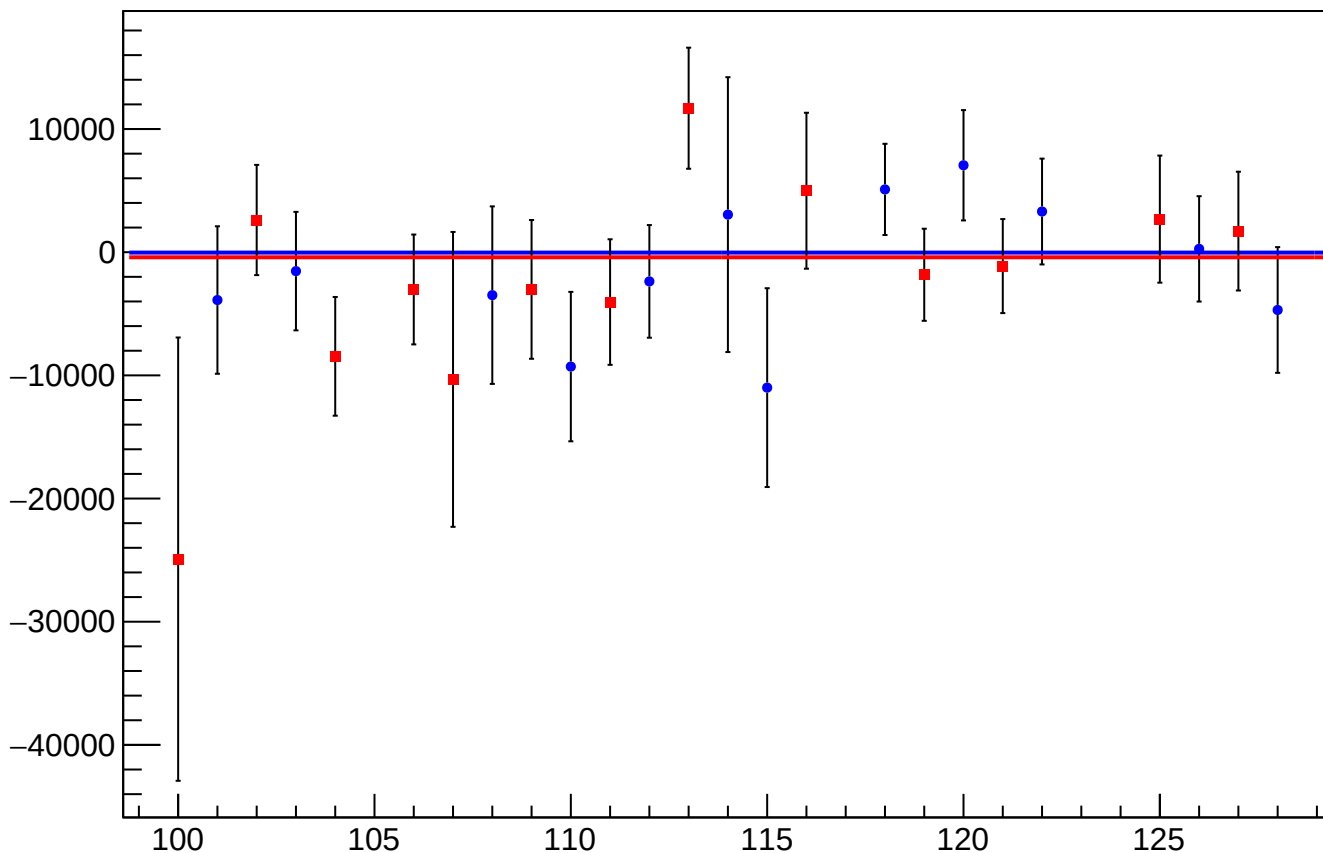
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1383.019+/-0.307 χ^2/NDF : 88187.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_dit_correction_mean vs Slug



Right In: -31.581 ± 1476.344 χ^2/NDF : 11.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -413.718 ± 1399.699 χ^2/NDF : 14.4/12

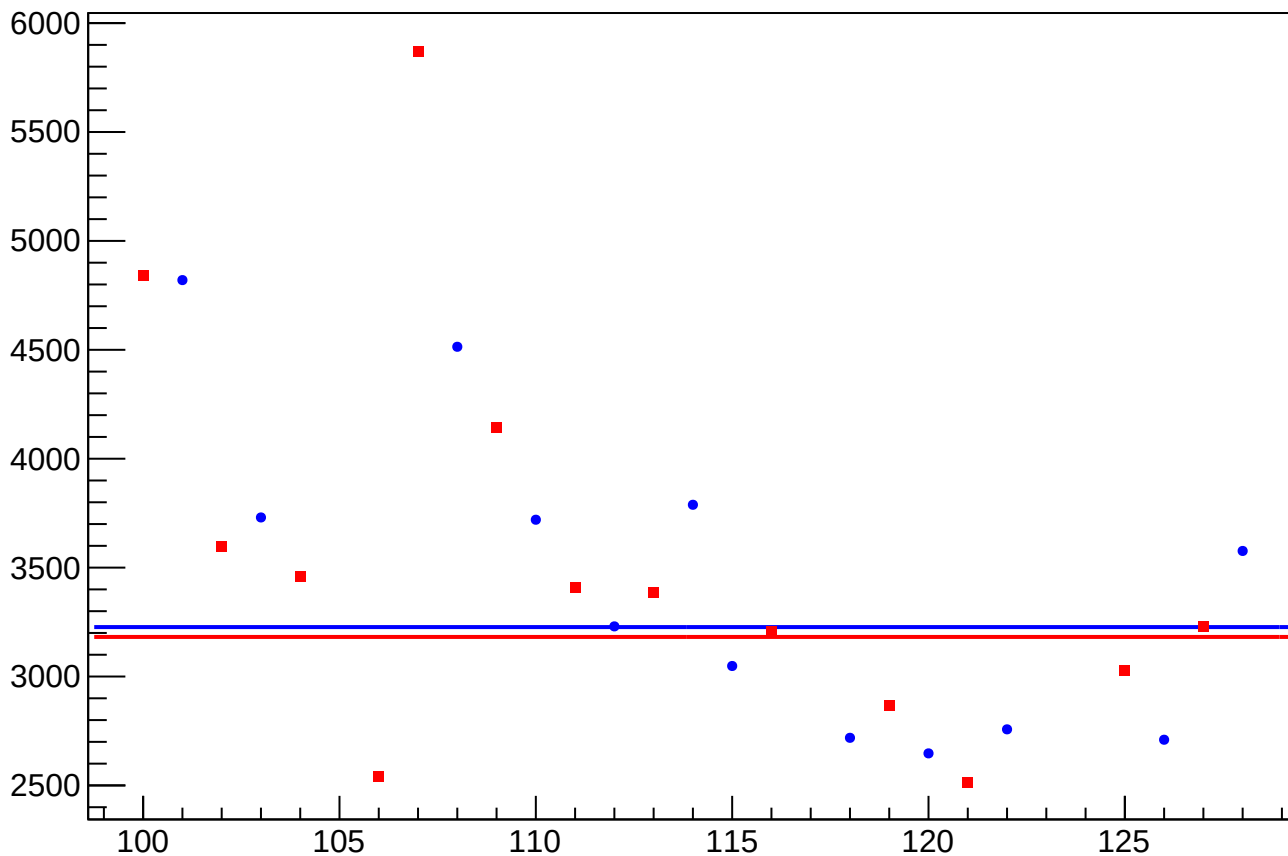
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -232.826 ± 1015.752 χ^2/NDF : 25.5/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_dit_correction_rms vs Slug



Right In: 3226.995+/-1.044 χ^2/NDF : 380307.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

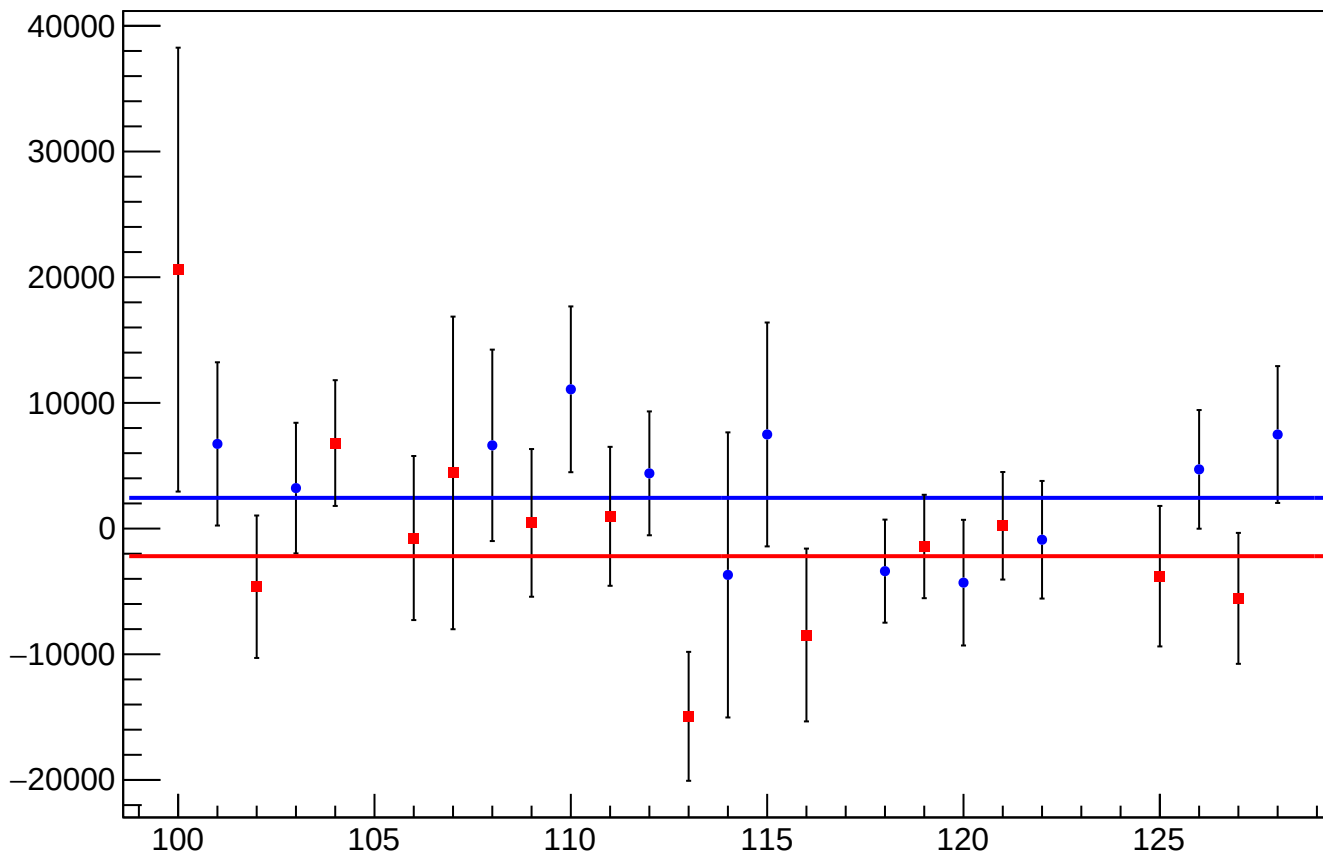
Right Out: 3181.723+/-0.990 χ^2/NDF : 326371.9/12

All: 3203.153+/-0.718 χ^2/NDF : 707669.4/24

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_mean vs Slug



Right In: 2444.524+/-1608.893 χ^2/NDF : 8.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2195.134+/-1566.147 χ^2/NDF : 13.8/12

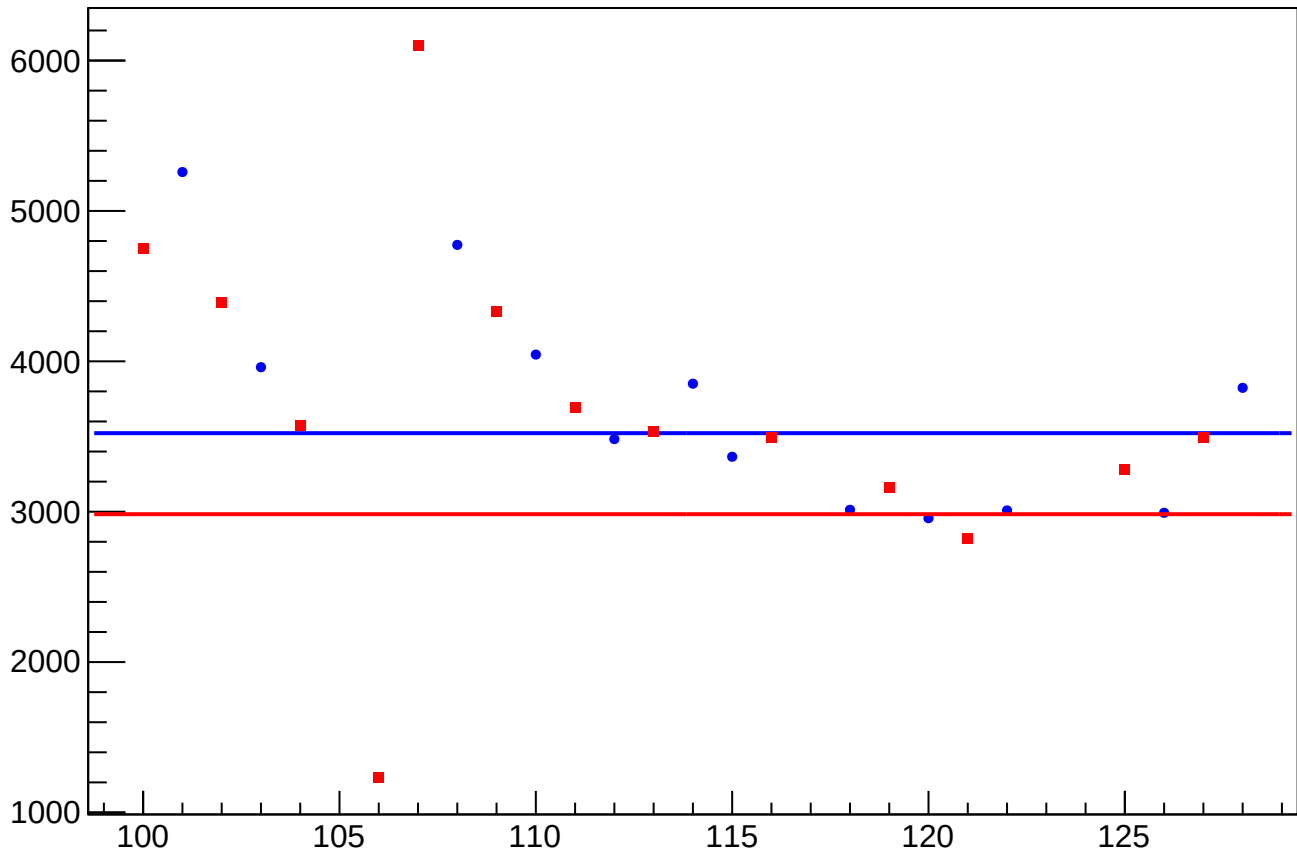
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.242+/-1122.241 χ^2/NDF : 26.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_rms vs Slug



Right In: 3522.258+/-1.138 χ^2/NDF : 338130.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2983.413+/-0.992 χ^2/NDF : 1259418.4/12

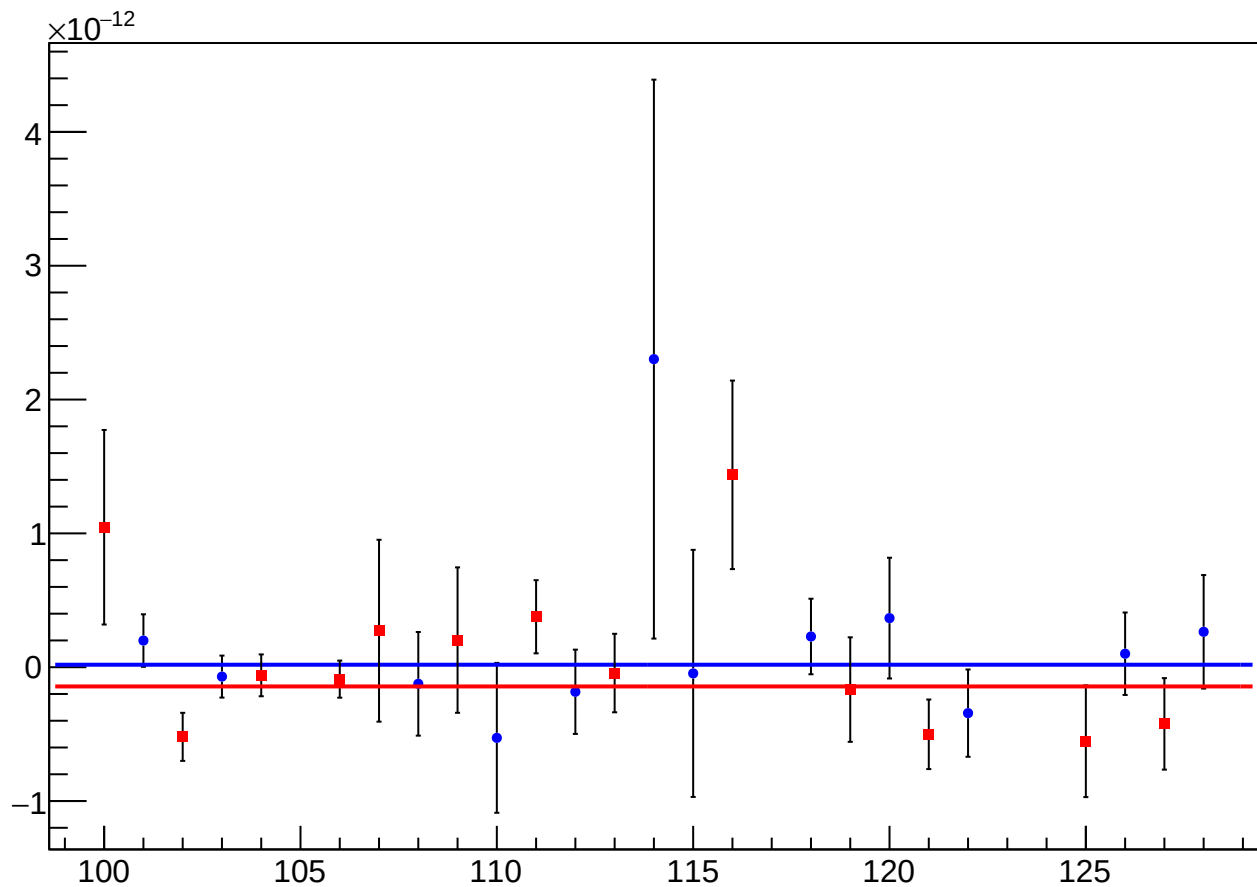
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3216.141+/-0.748 χ^2/NDF : 1724996.0/24

- sign 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 : 6.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 20.6/12

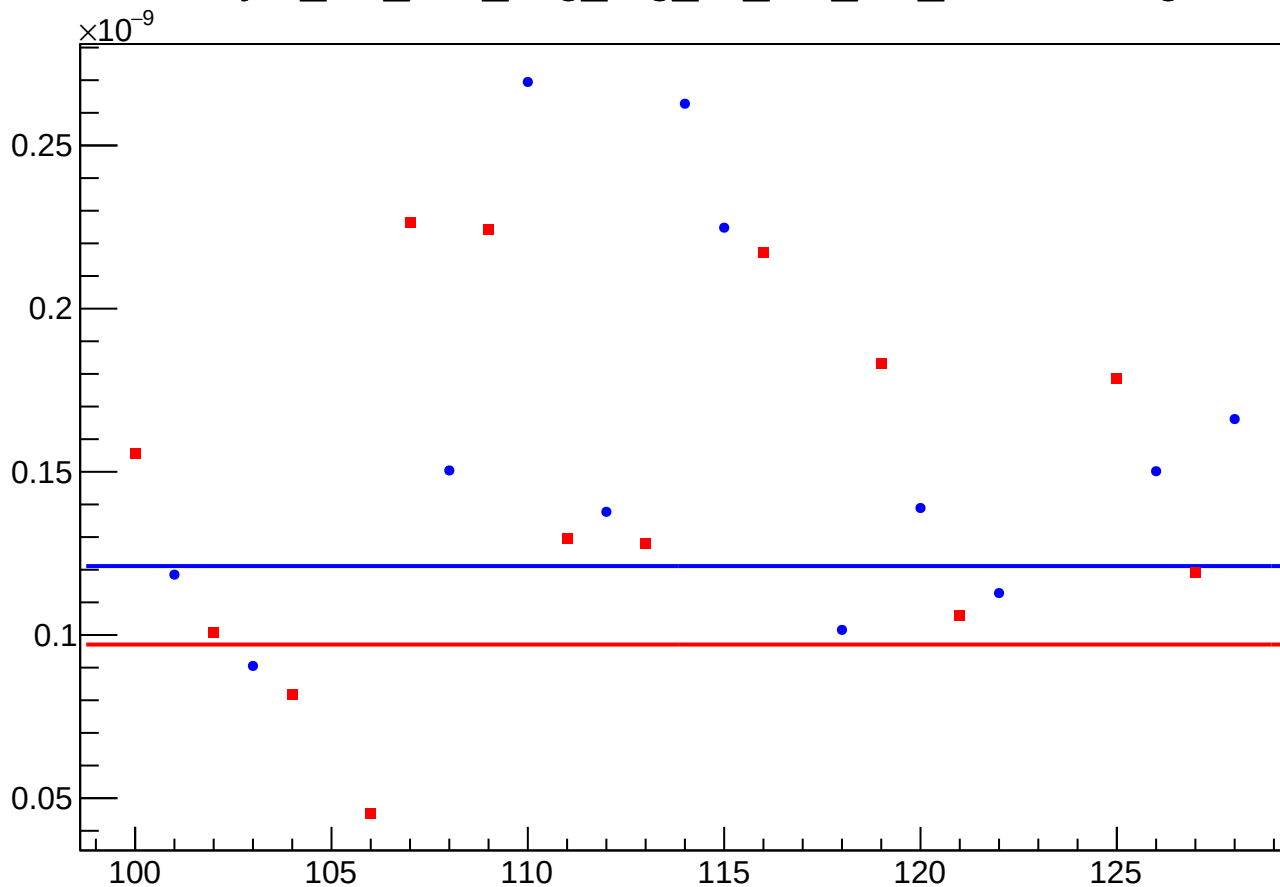
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.3/24

- 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 : 322599.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 787673.6/12

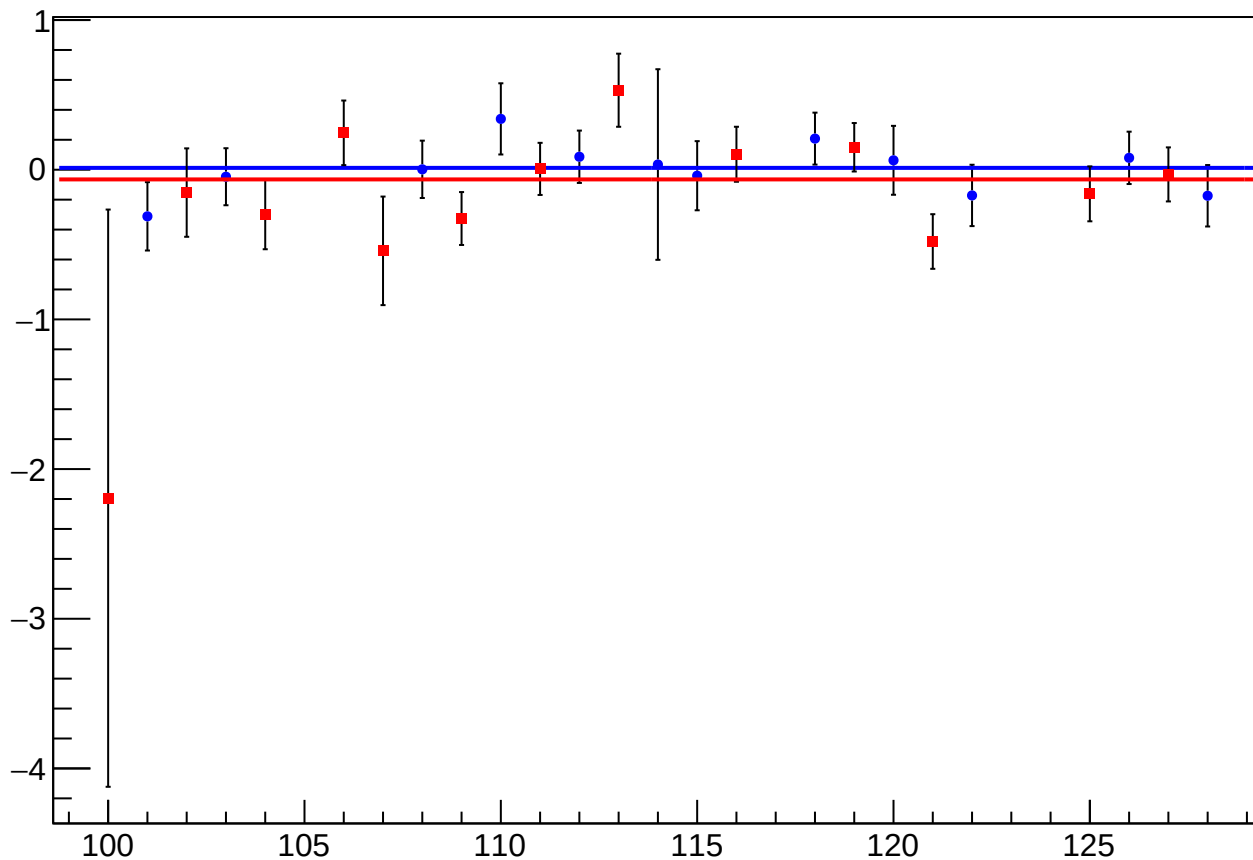
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1200687.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.012 $\pm$ 0.060 χ^2 /NDF: 7.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.065 $\pm$ 0.058 χ^2 /NDF: 22.5/12

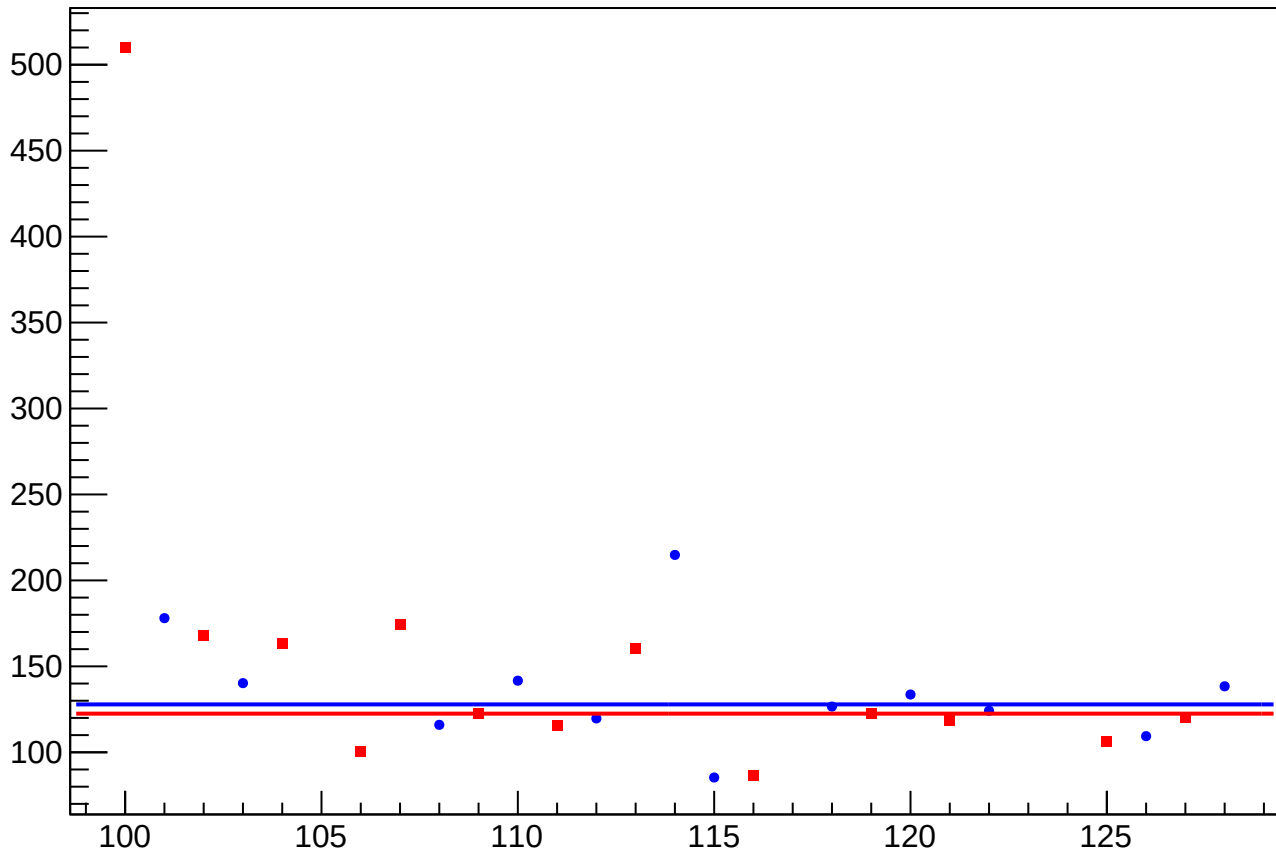
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.028 $\pm$ 0.042 χ^2 /NDF: 30.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 127.863+/-0.042 χ^2/NDF : 258539.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.487+/-0.041 χ^2/NDF : 394525.0/12

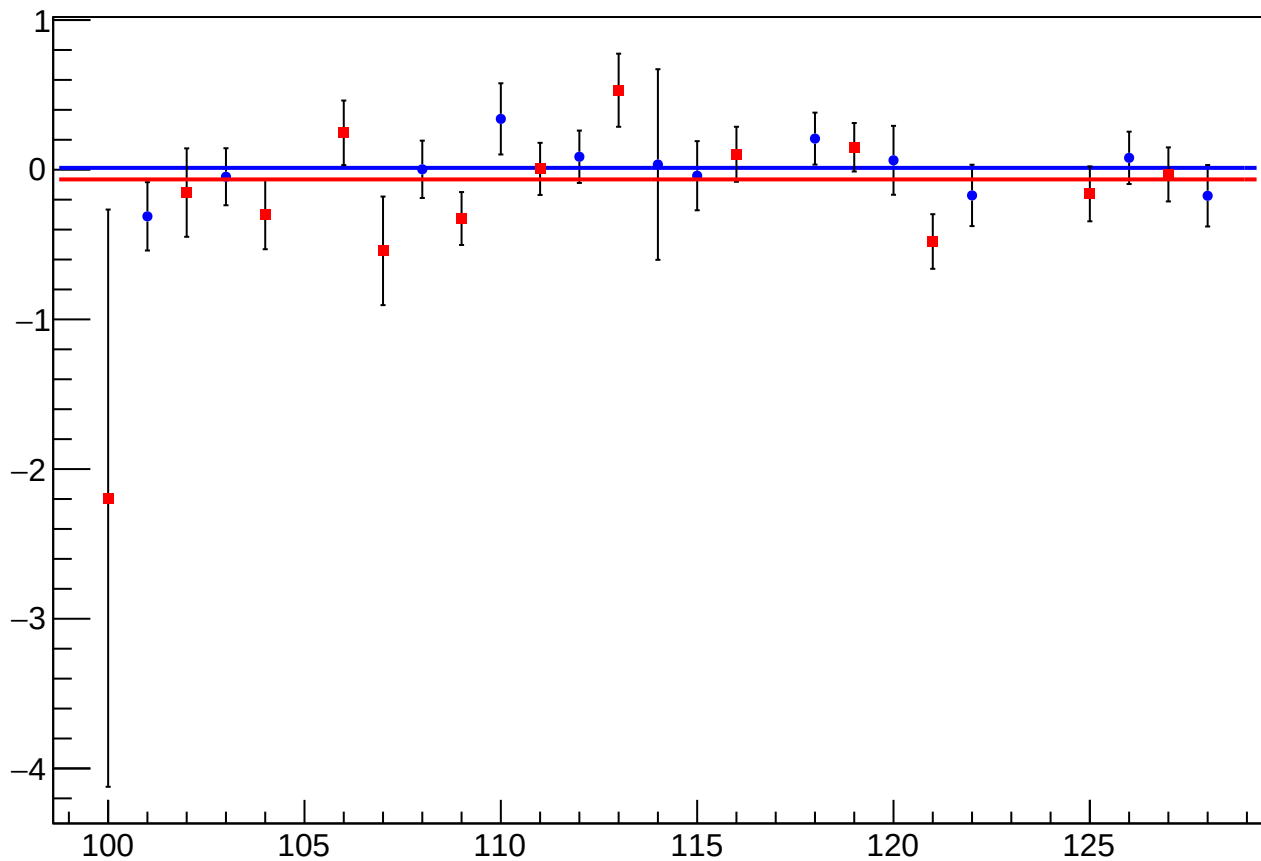
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.075+/-0.029 χ^2/NDF : 661394.4/24

- 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: 0.012 $\pm$ 0.060 χ^2 /NDF: 7.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.065 $\pm$ 0.058 χ^2 /NDF: 22.5/12

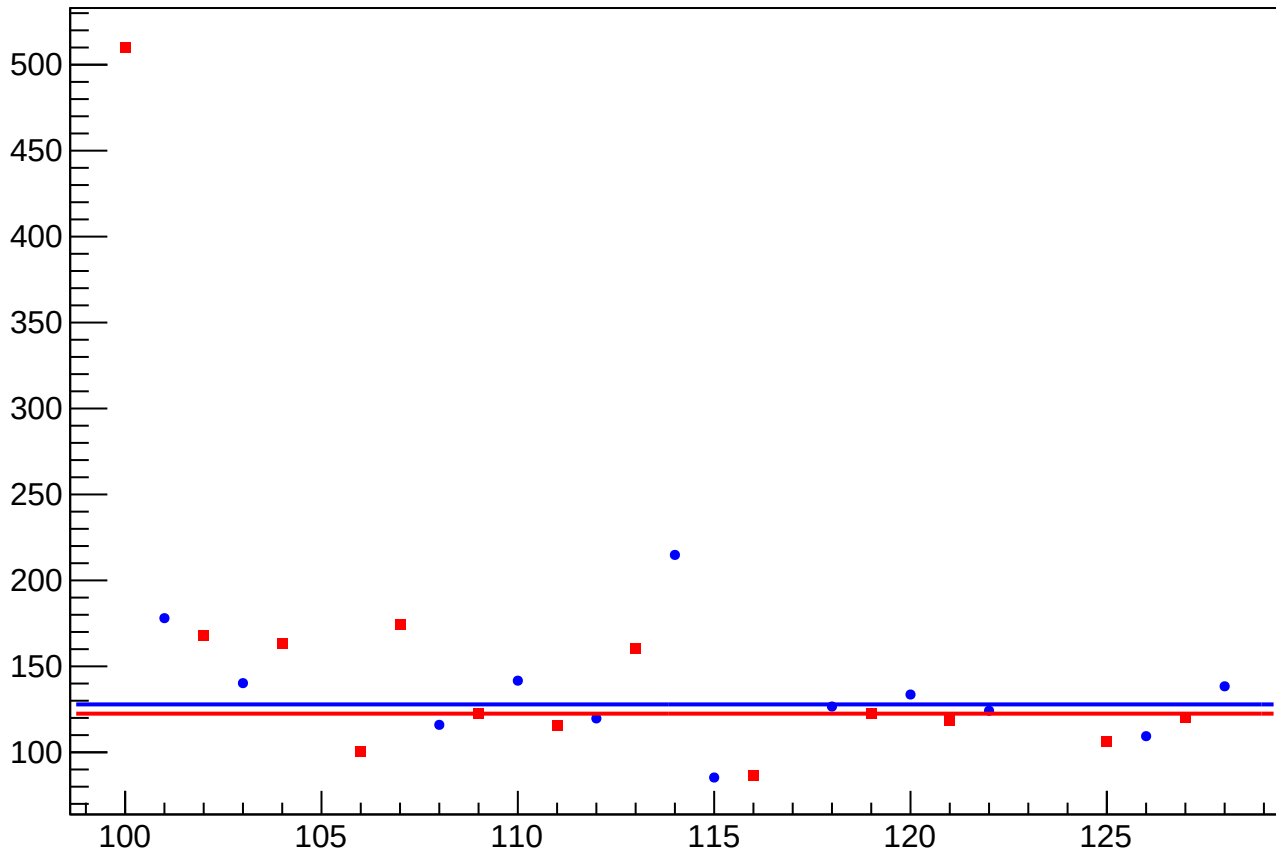
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.028 $\pm$ 0.042 χ^2 /NDF: 30.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 127.863 $\pm$ 0.042 χ^2 /NDF: 258539.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 122.487 $\pm$ 0.041 χ^2 /NDF: 394525.0/12

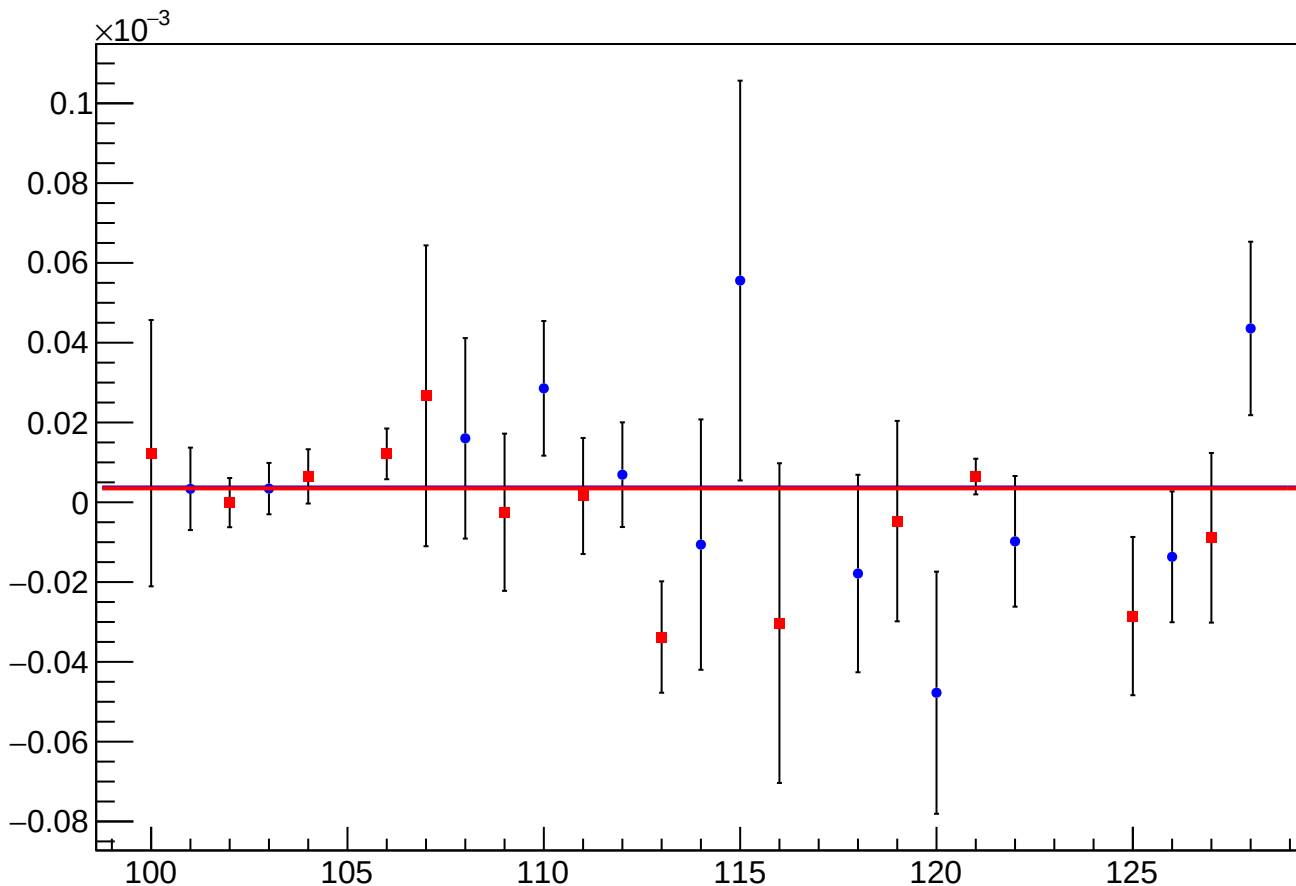
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 125.075 $\pm$ 0.029 χ^2 /NDF: 661394.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.3/12

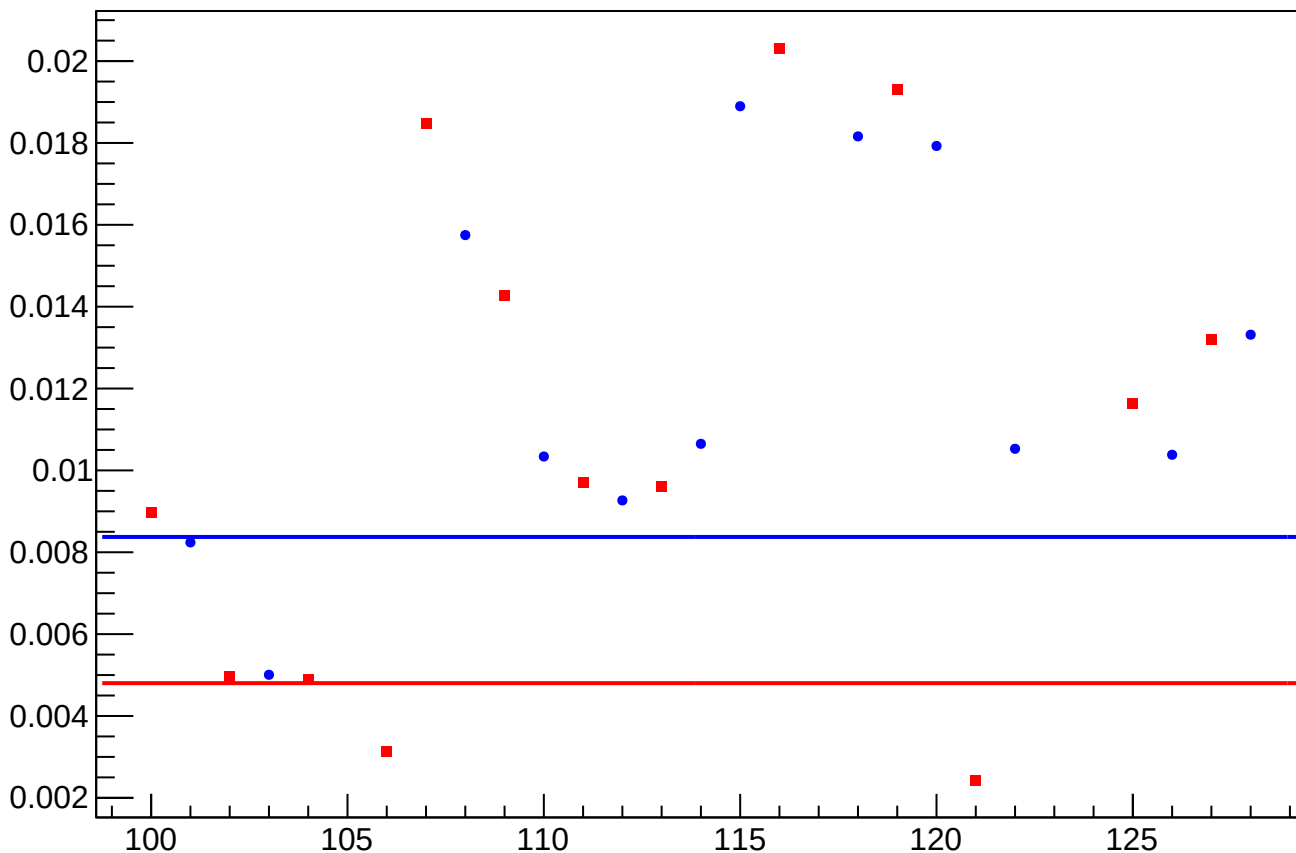
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 26.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 1534146.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 3445097.5/12

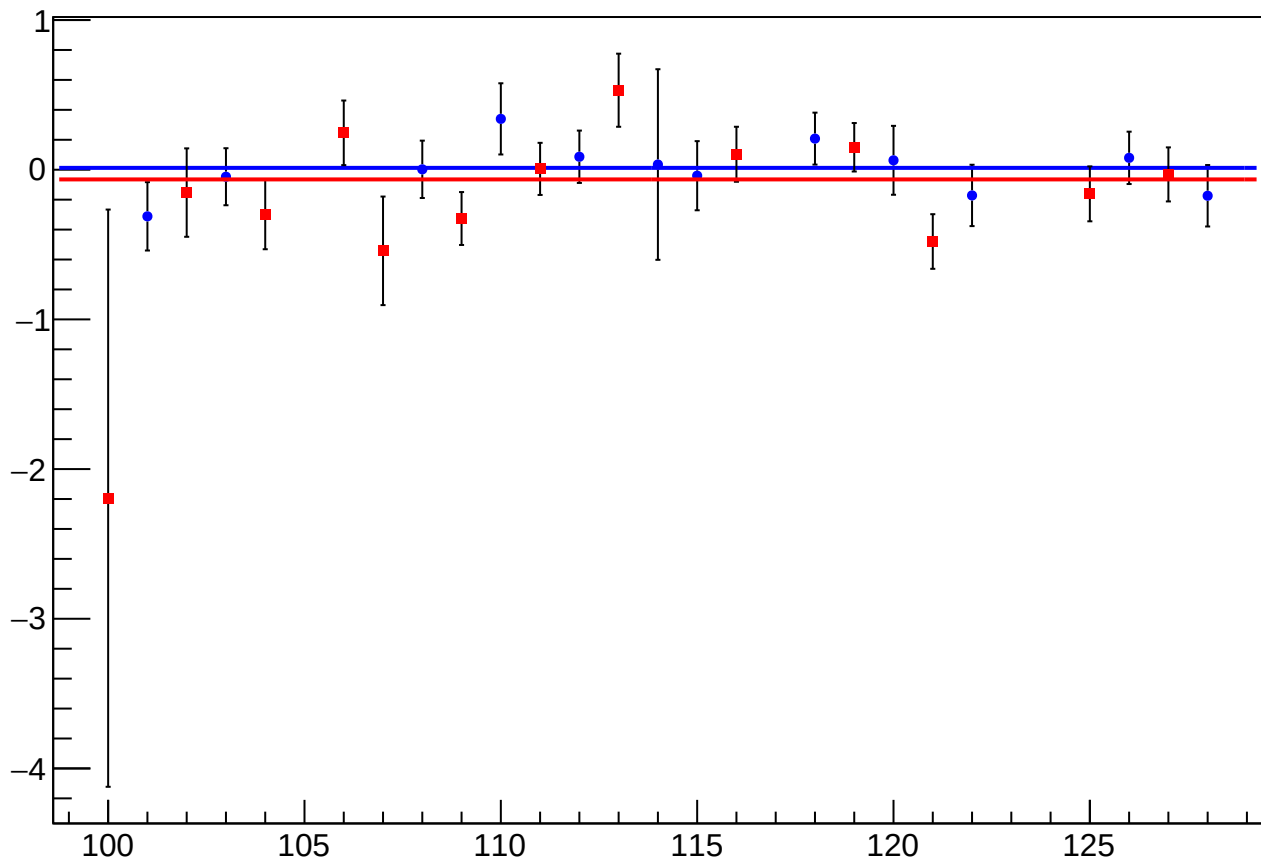
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 6035197.5/24

- 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: 0.012 $\pm$ 0.060 χ^2 /NDF: 7.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.065 $\pm$ 0.058 χ^2 /NDF: 22.5/12

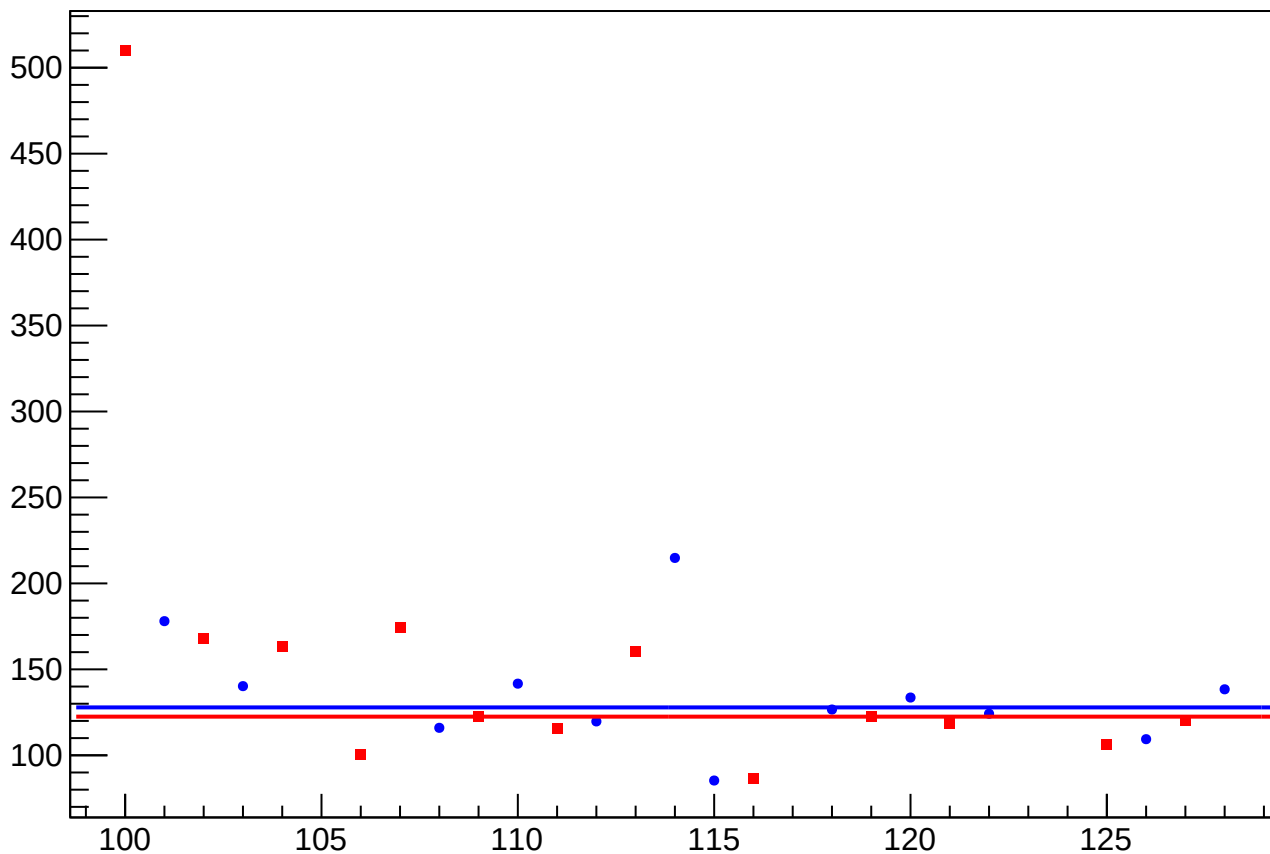
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.028 $\pm$ 0.042 χ^2 /NDF: 30.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 127.863+/-0.042 χ^2/NDF : 258525.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.487+/-0.041 χ^2/NDF : 394503.3/12

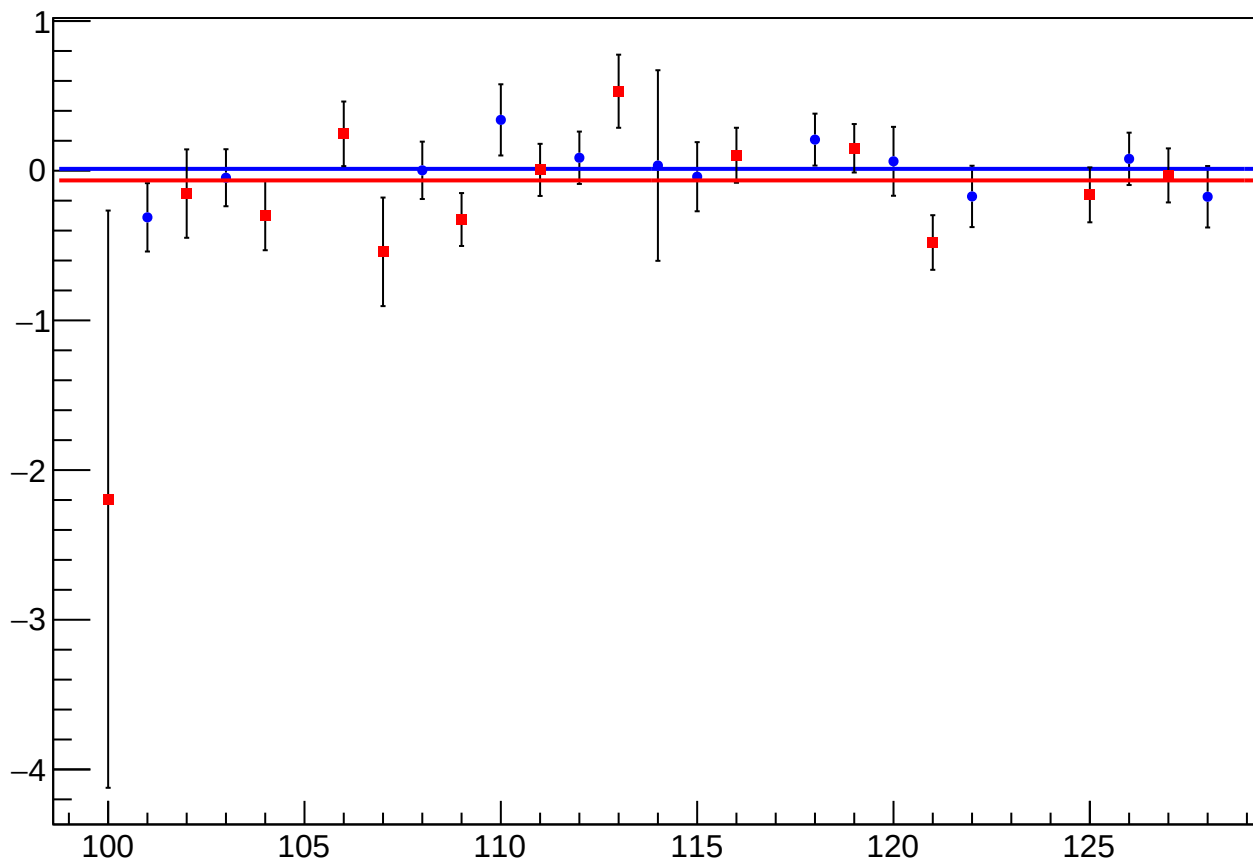
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.076+/-0.029 χ^2/NDF : 661357.3/24

- 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: 0.012 $\pm$ 0.060 χ^2 /NDF: 7.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.065 $\pm$ 0.058 χ^2 /NDF: 22.5/12

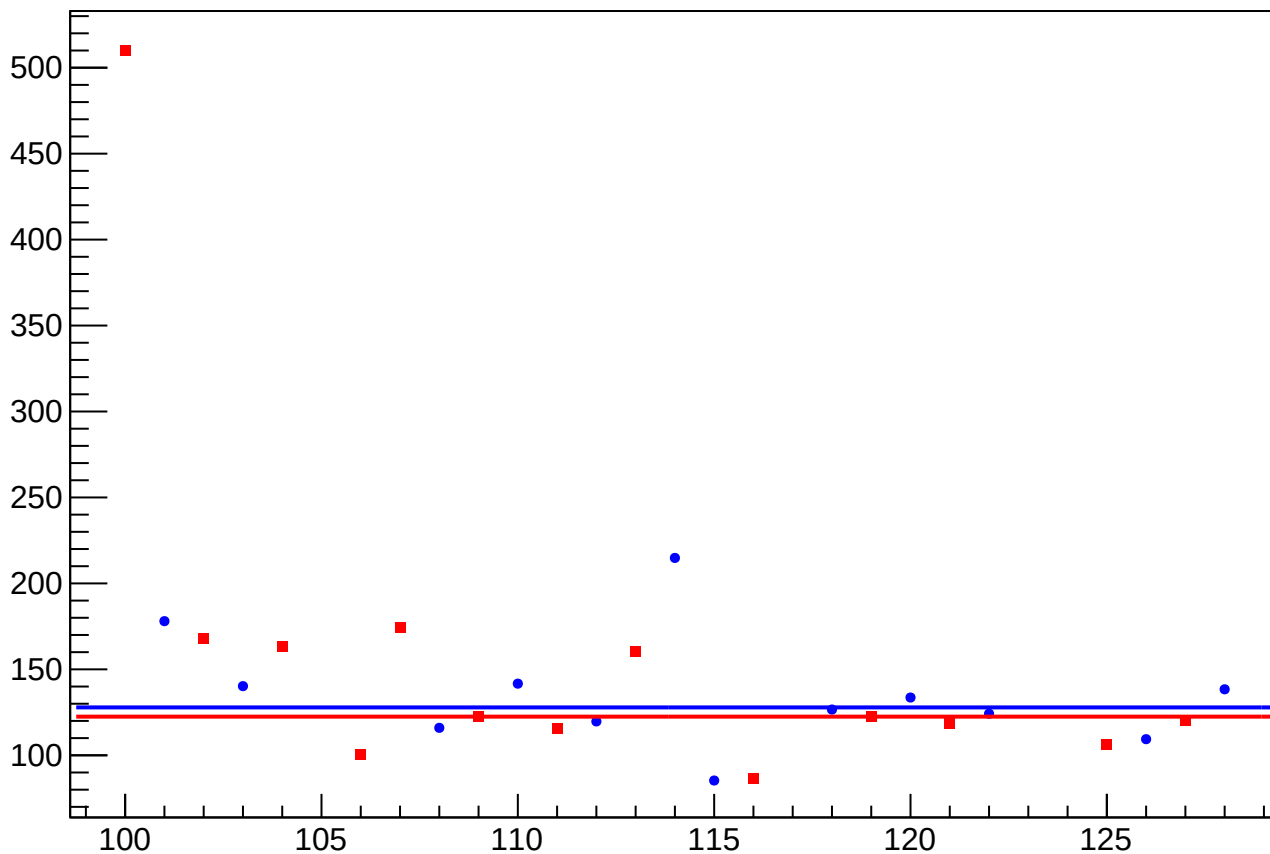
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.028 $\pm$ 0.042 χ^2 /NDF: 30.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 127.863+/-0.042 χ^2/NDF : 258525.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.487+/-0.041 χ^2/NDF : 394503.3/12

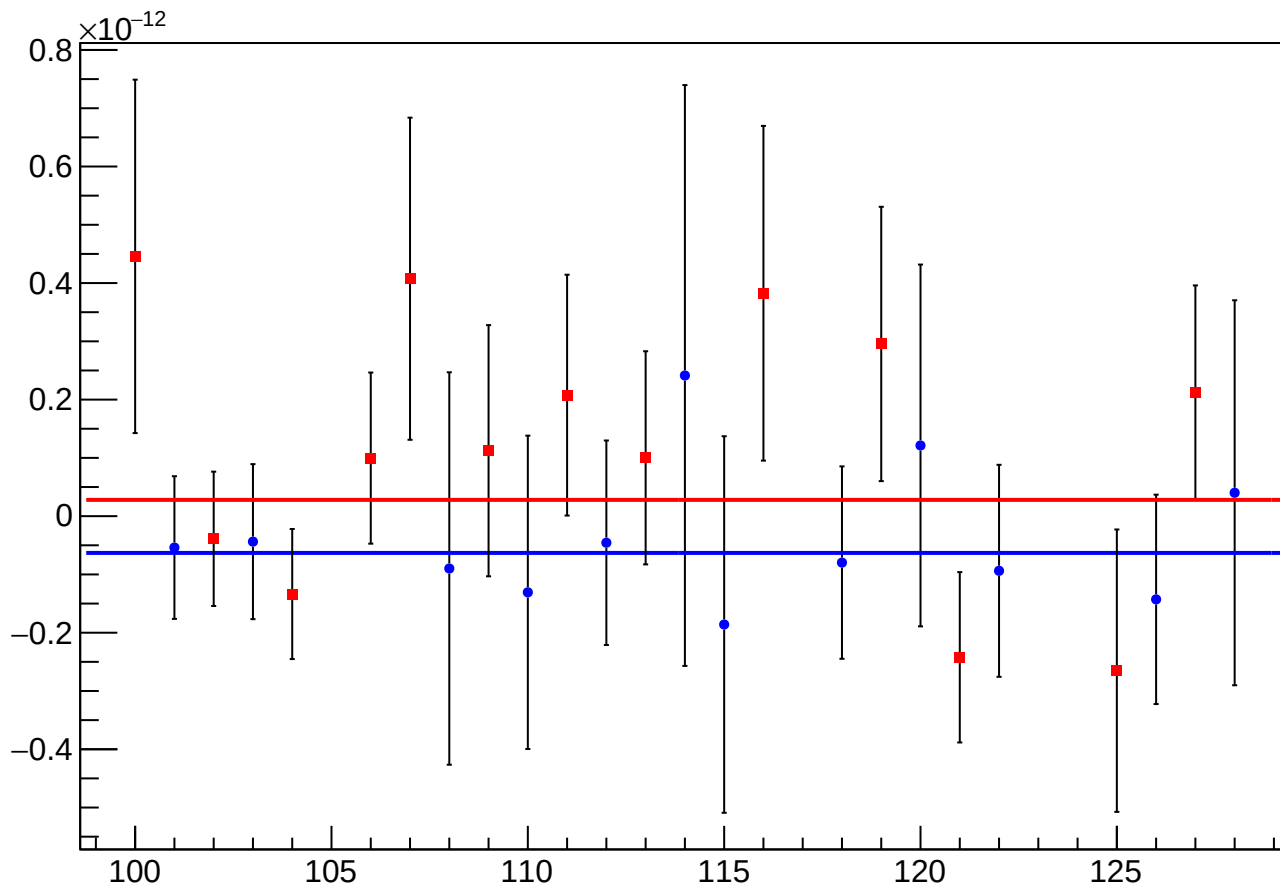
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.076+/-0.029 χ^2/NDF : 661357.3/24

- 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: 1.3/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 16.2/12

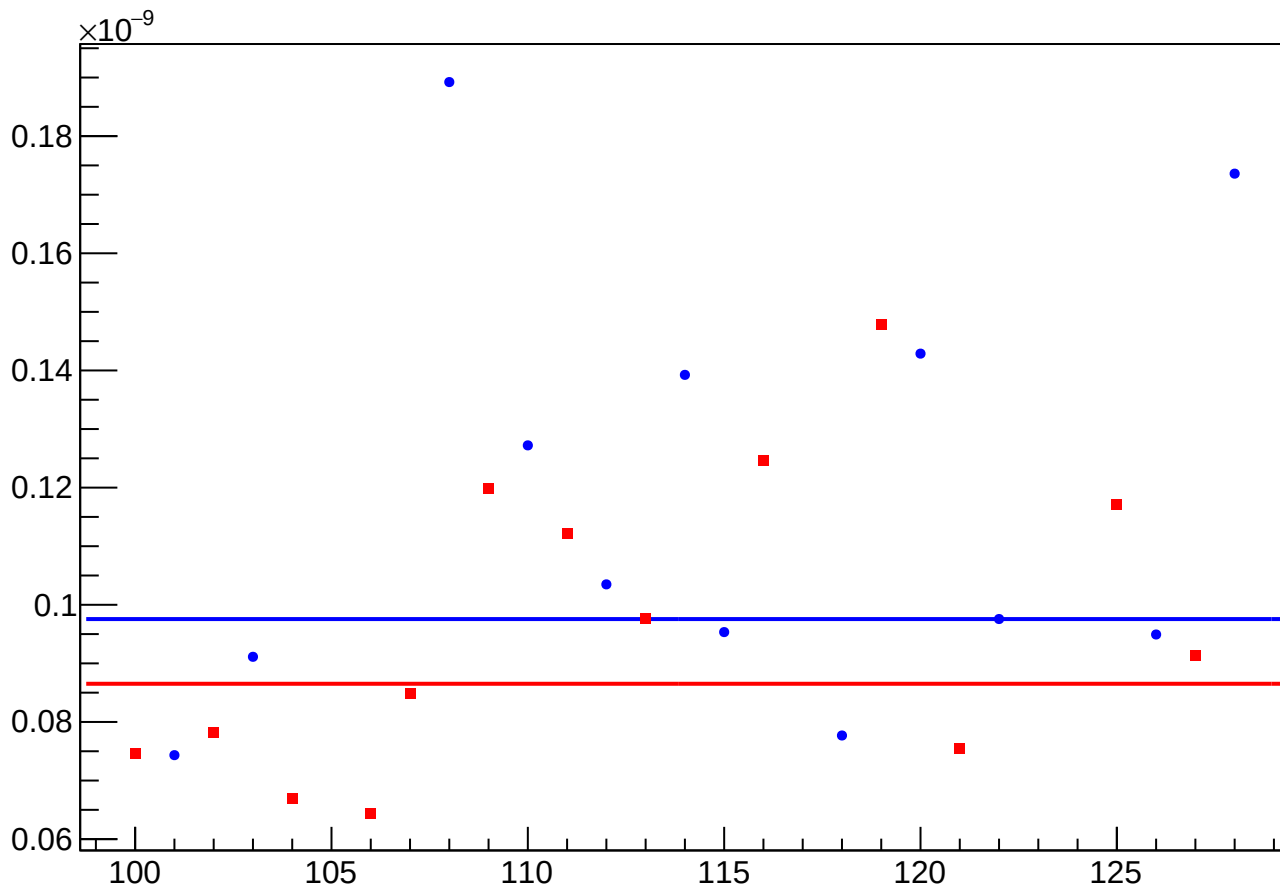
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 19.0/24

- 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 : 443620.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 422396.9/12

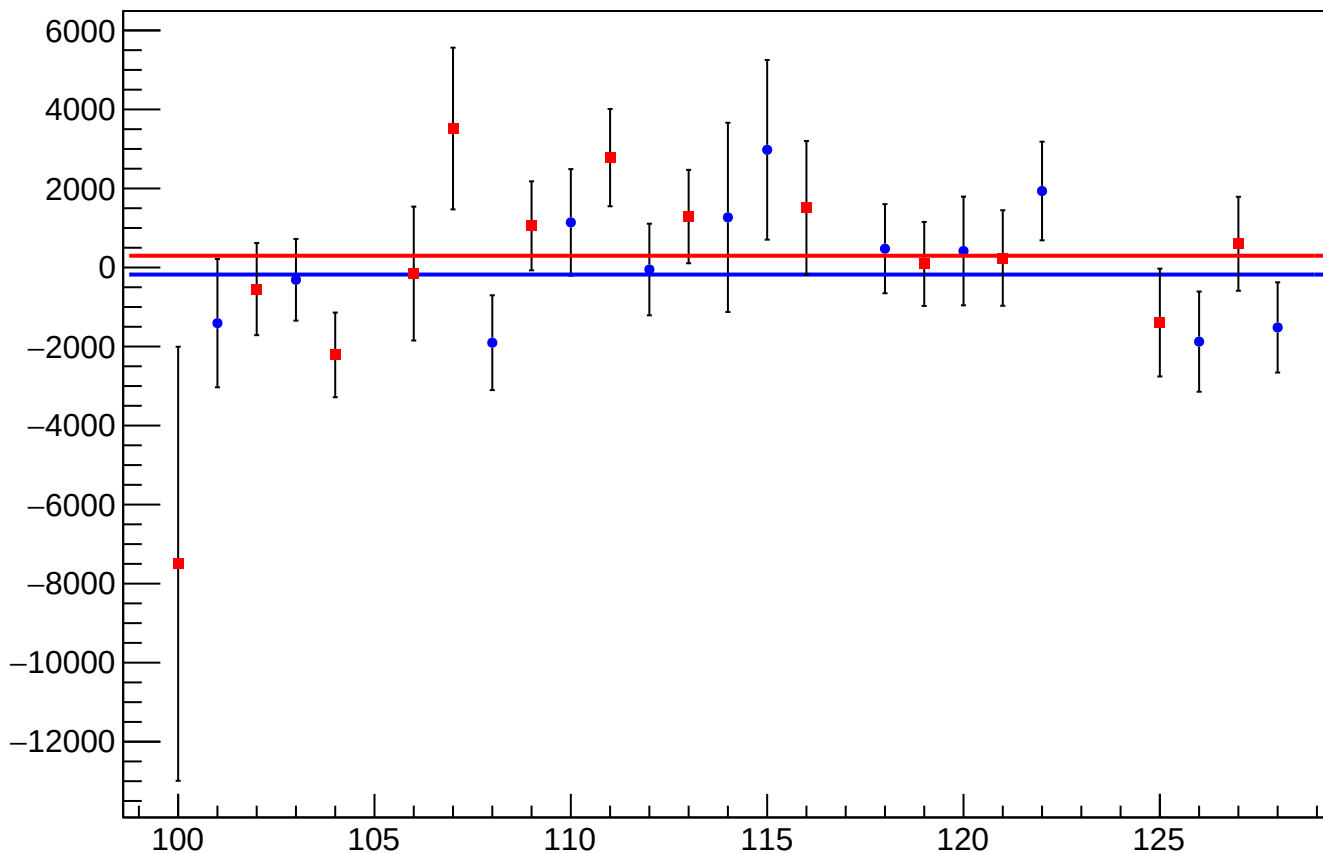
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 909679.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_mean vs Slug



Right In: -178.563+/-377.453 χ^2 /NDF: 12.5/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 297.584+/-363.807 χ^2 /NDF: 18.0/12

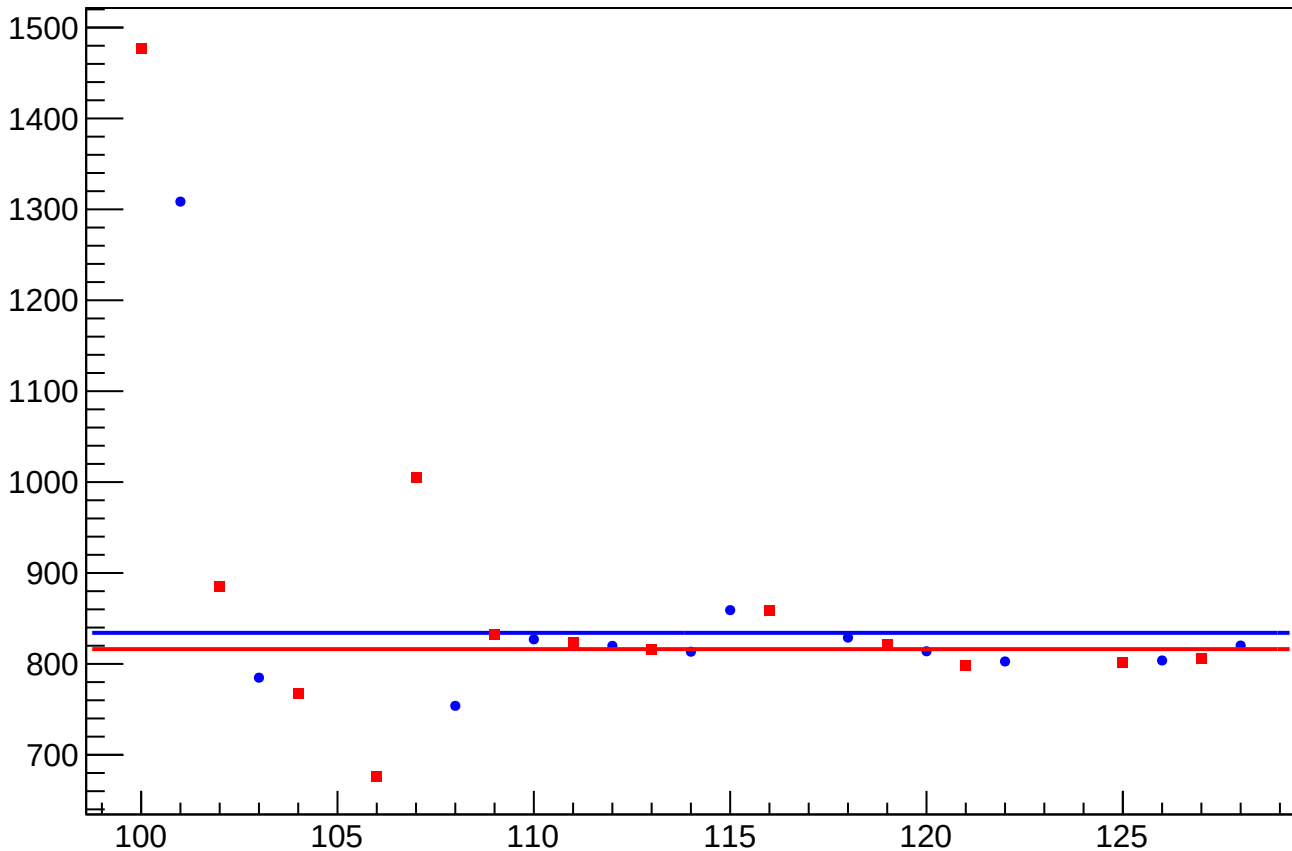
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 68.273+/-261.942 χ^2 /NDF: 31.3/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_dd_rms vs Slug



Right In: 834.182 $\pm$ 0.267 χ^2 /NDF: 188222.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 816.267 $\pm$ 0.253 χ^2 /NDF: 83025.9/12

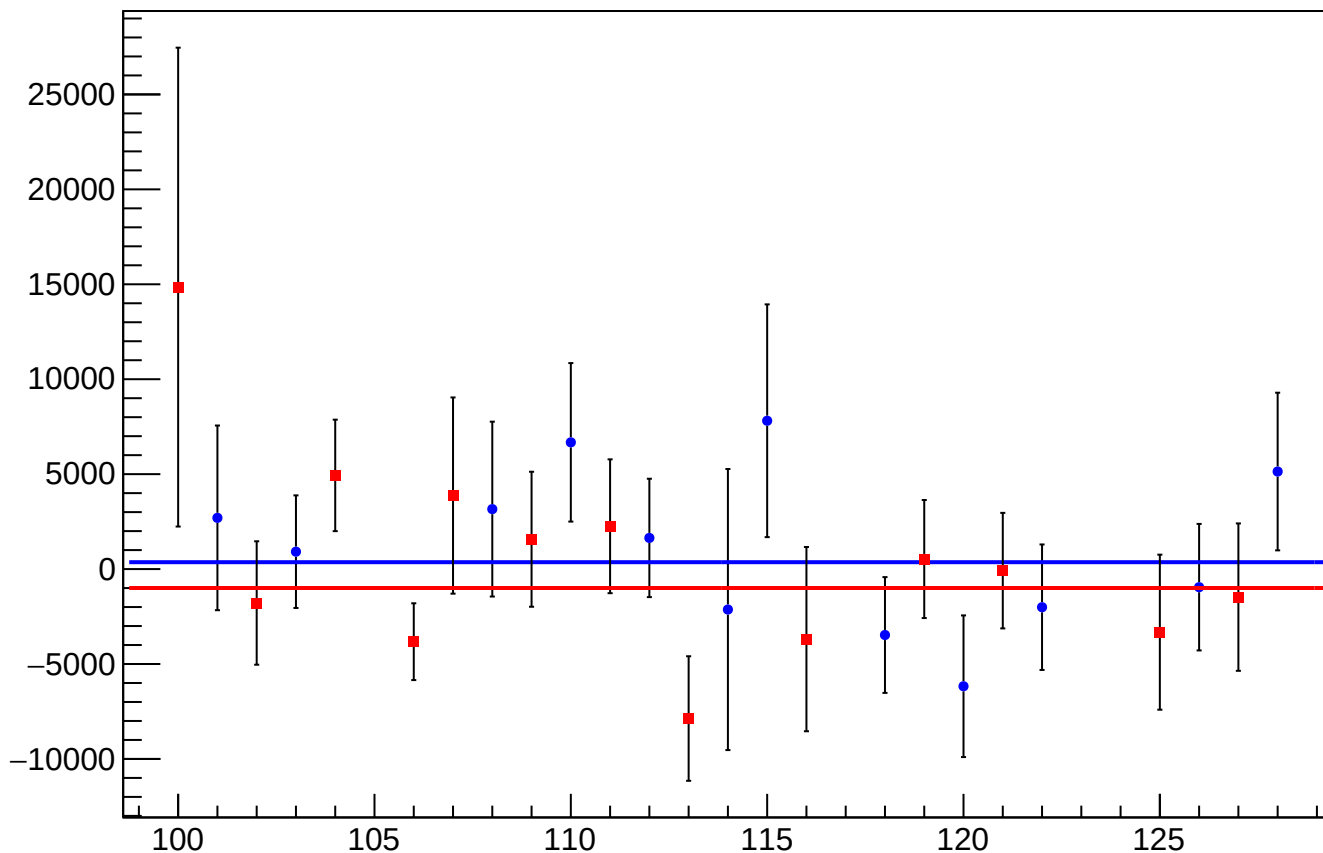
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 824.753 $\pm$ 0.184 χ^2 /NDF: 273619.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_reg_correction_mean vs Slug



Right In: 362.189+/-1099.397 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -996.673+/-939.919 χ^2/NDF : 15.3/12

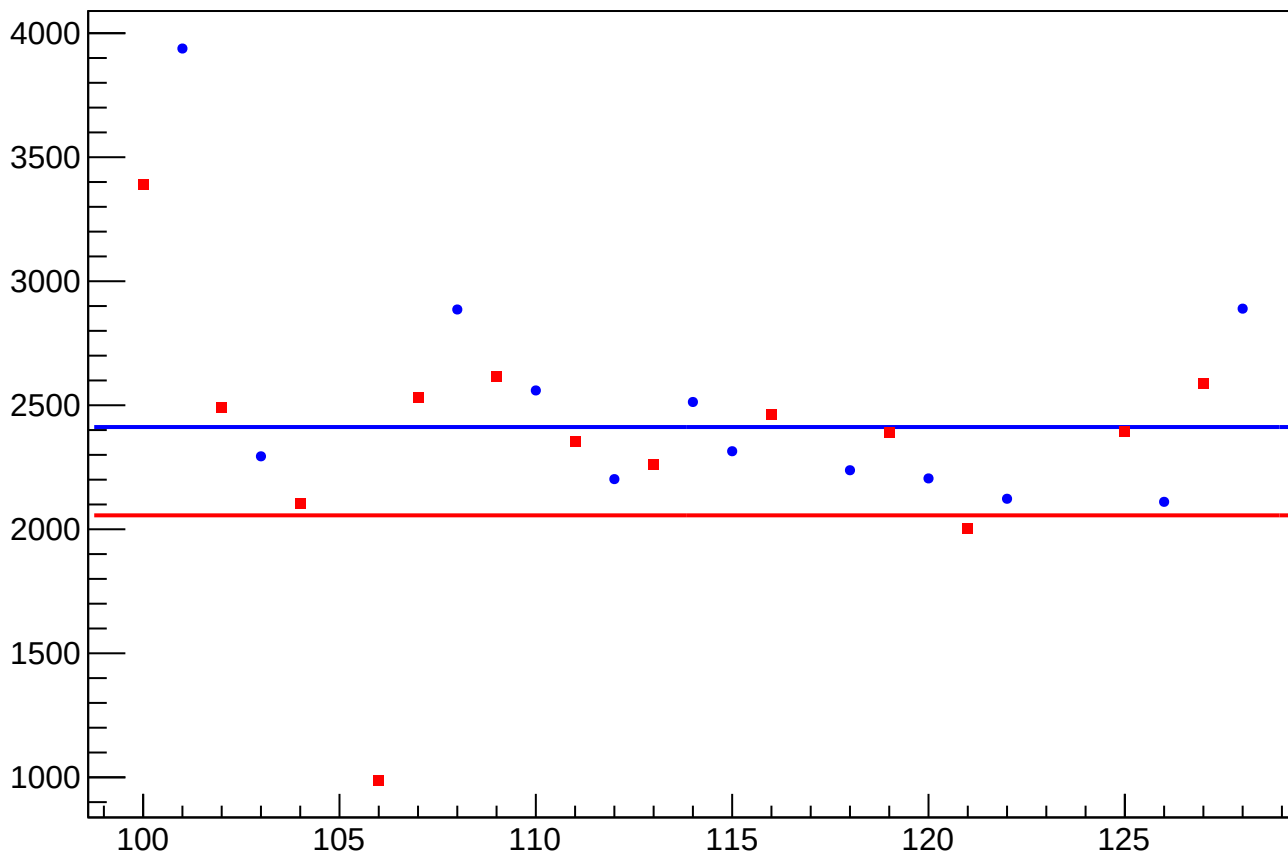
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -422.861+/-714.416 χ^2/NDF : 27.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_reg_correction_rms vs Slug



Right In: 2412.214+/-0.777 χ^2/NDF : 304505.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

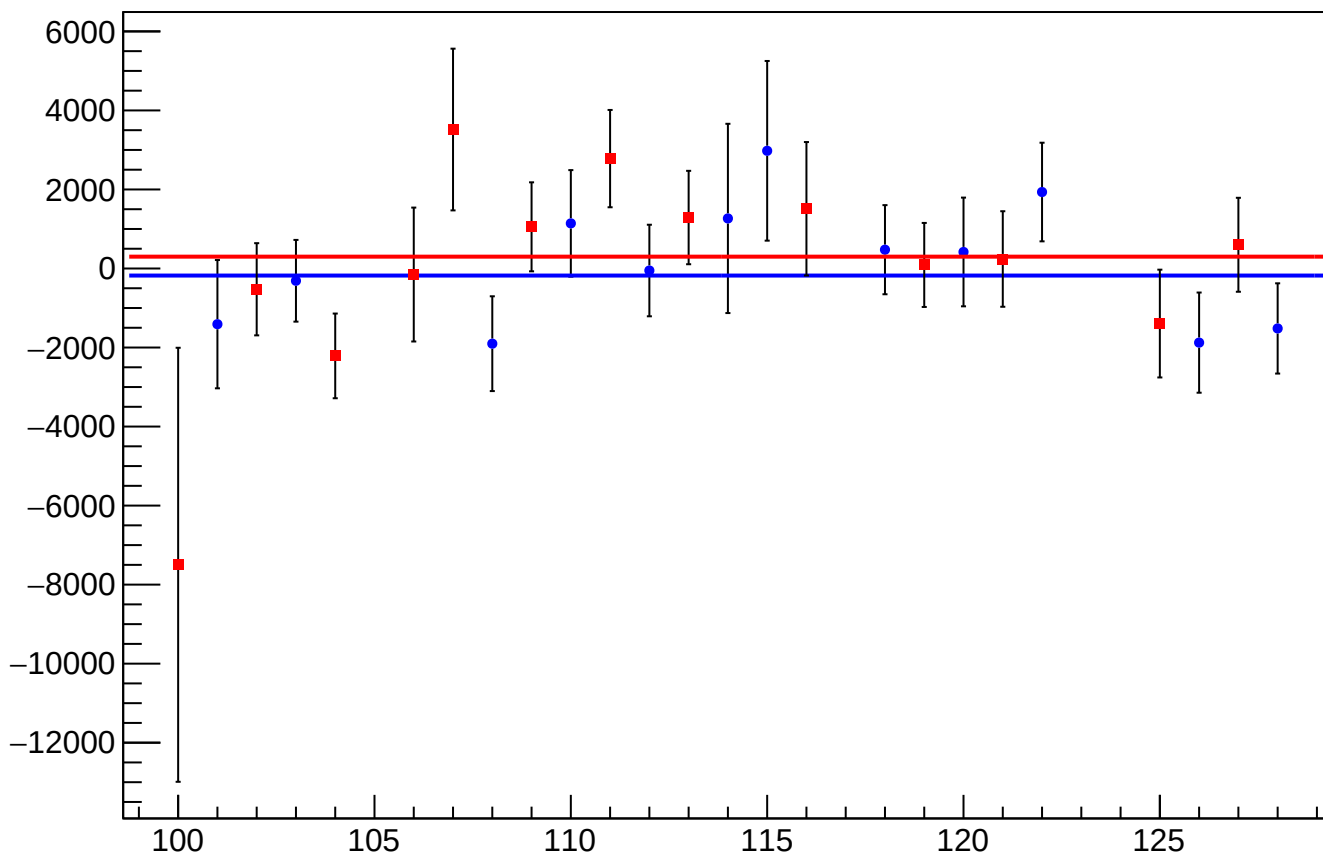
Right Out: 2056.165+/-0.665 χ^2/NDF : 795175.4/12

All: 2206.515+/-0.505 χ^2/NDF : 1220869.9/24

- 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: -178.666+/-377.454 χ^2/NDF : 12.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 299.659+/-363.814 χ^2/NDF : 17.9/12

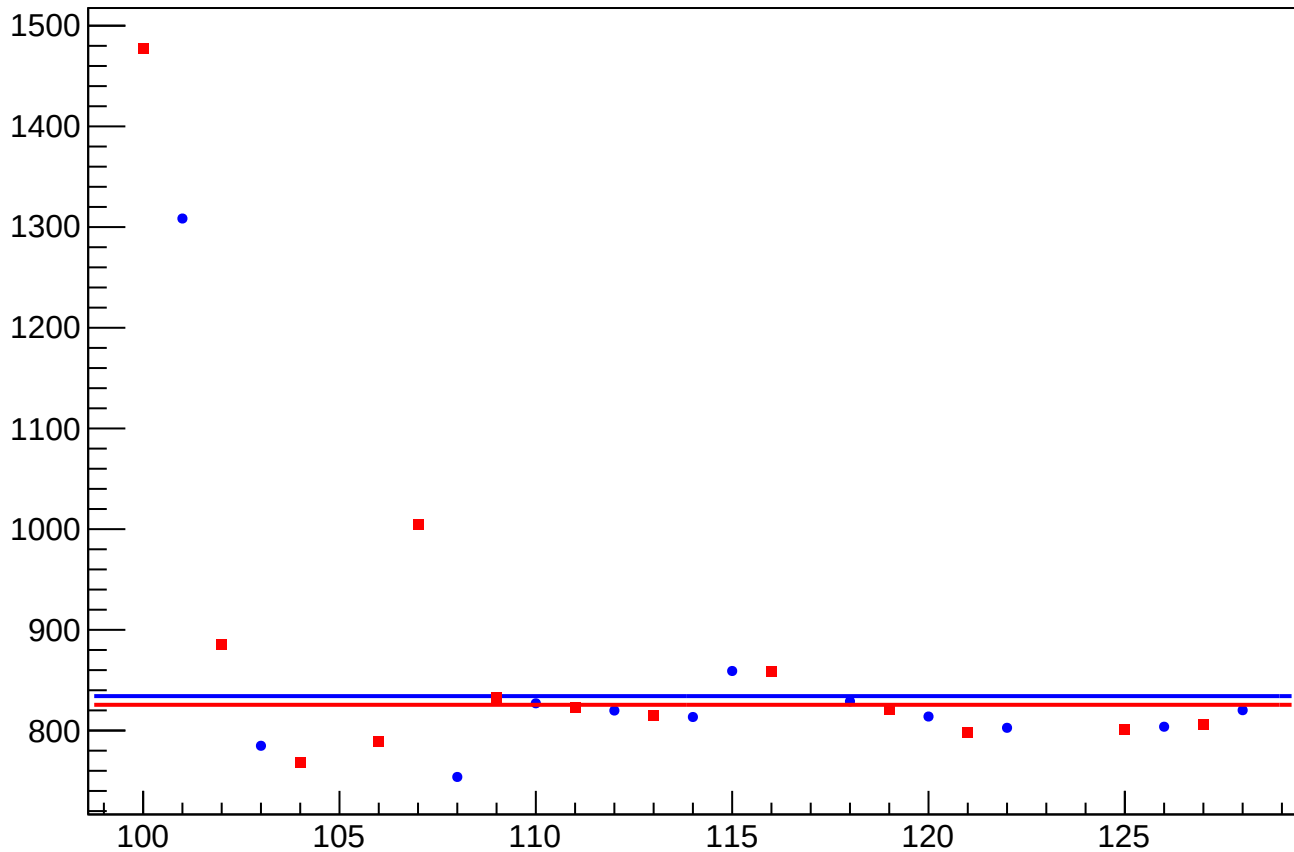
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.295+/-261.945 χ^2/NDF : 31.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl2_dd_rms vs Slug



Right In: 834.182+/-0.267 χ^2/NDF : 188221.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 825.545+/-0.256 χ^2/NDF : 59023.9/12

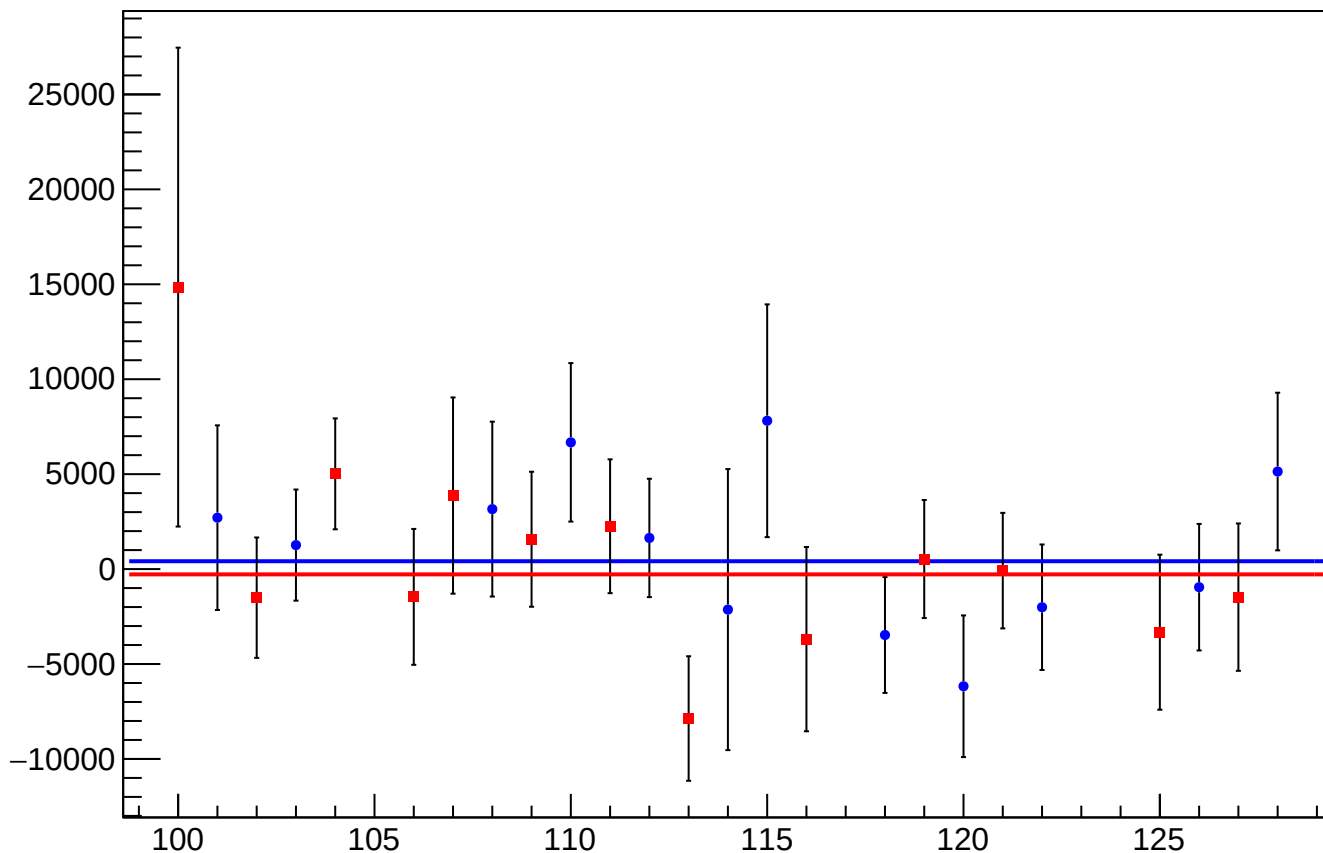
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 829.676+/-0.185 χ^2/NDF : 247792.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_cor_correction_mean vs Slug



Right In: 413.537+/-1097.380 χ^2/NDF : 11.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -279.841+/-1014.613 χ^2/NDF : 13.0/12

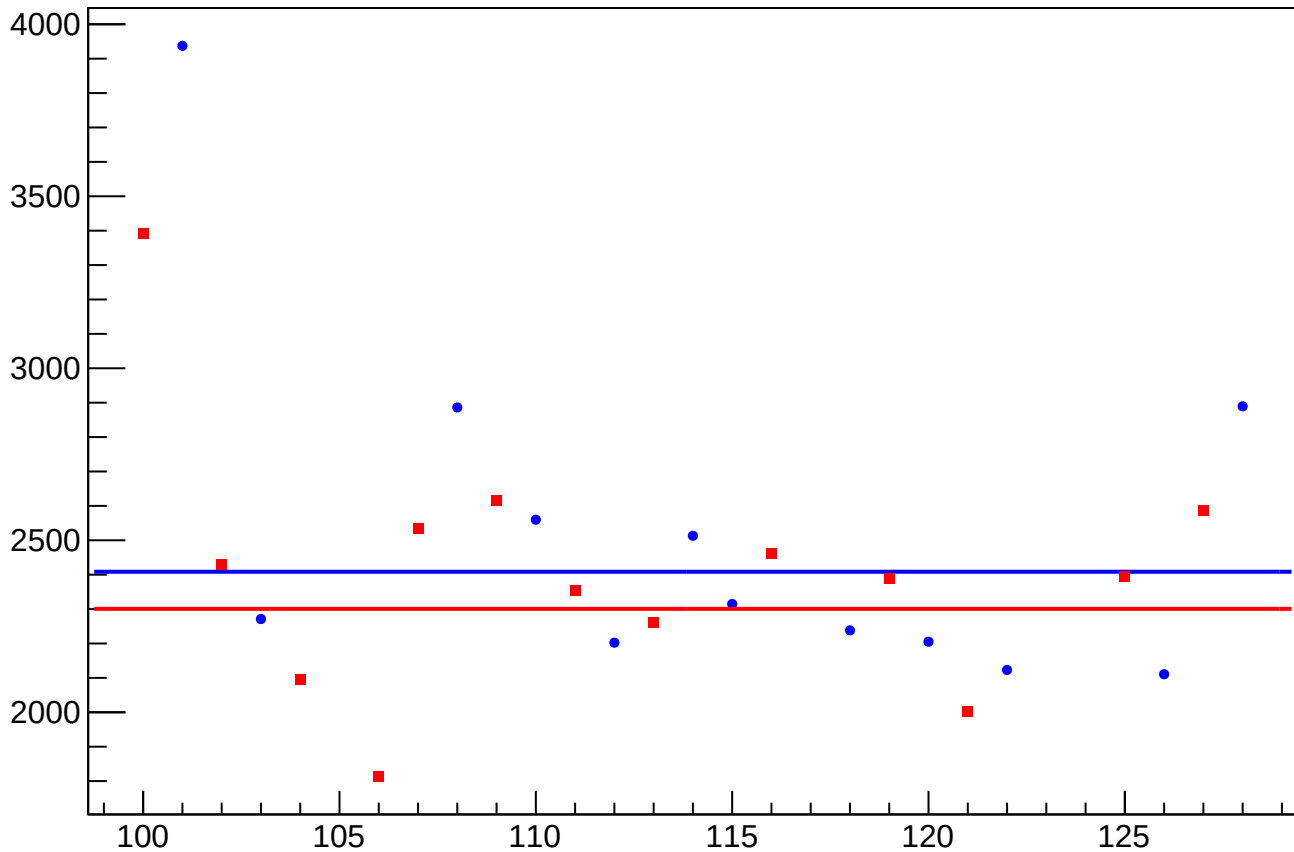
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.717+/-744.984 χ^2/NDF : 24.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_cor_correction_rms vs Slug



Right In: 2408.524+/-0.776 χ^2/NDF : 305812.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

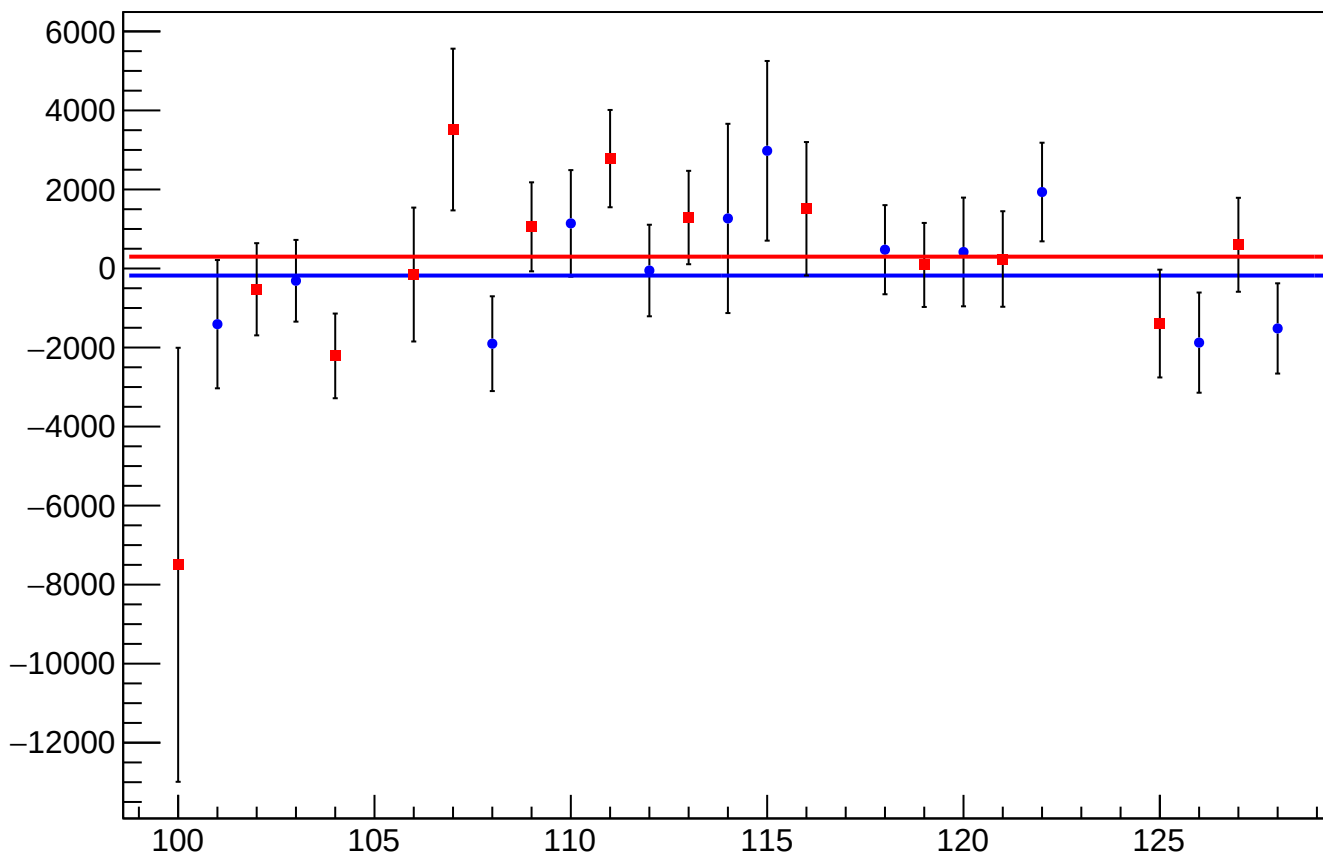
Right Out: 2300.711+/-0.717 χ^2/NDF : 121224.4/12

All: 2350.399+/-0.527 χ^2/NDF : 437443.9/24

- 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_usl_atl2_dd_mean vs Slug



Right In: -178.666+/-377.454 χ^2/NDF : 12.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 299.659+/-363.814 χ^2/NDF : 17.9/12

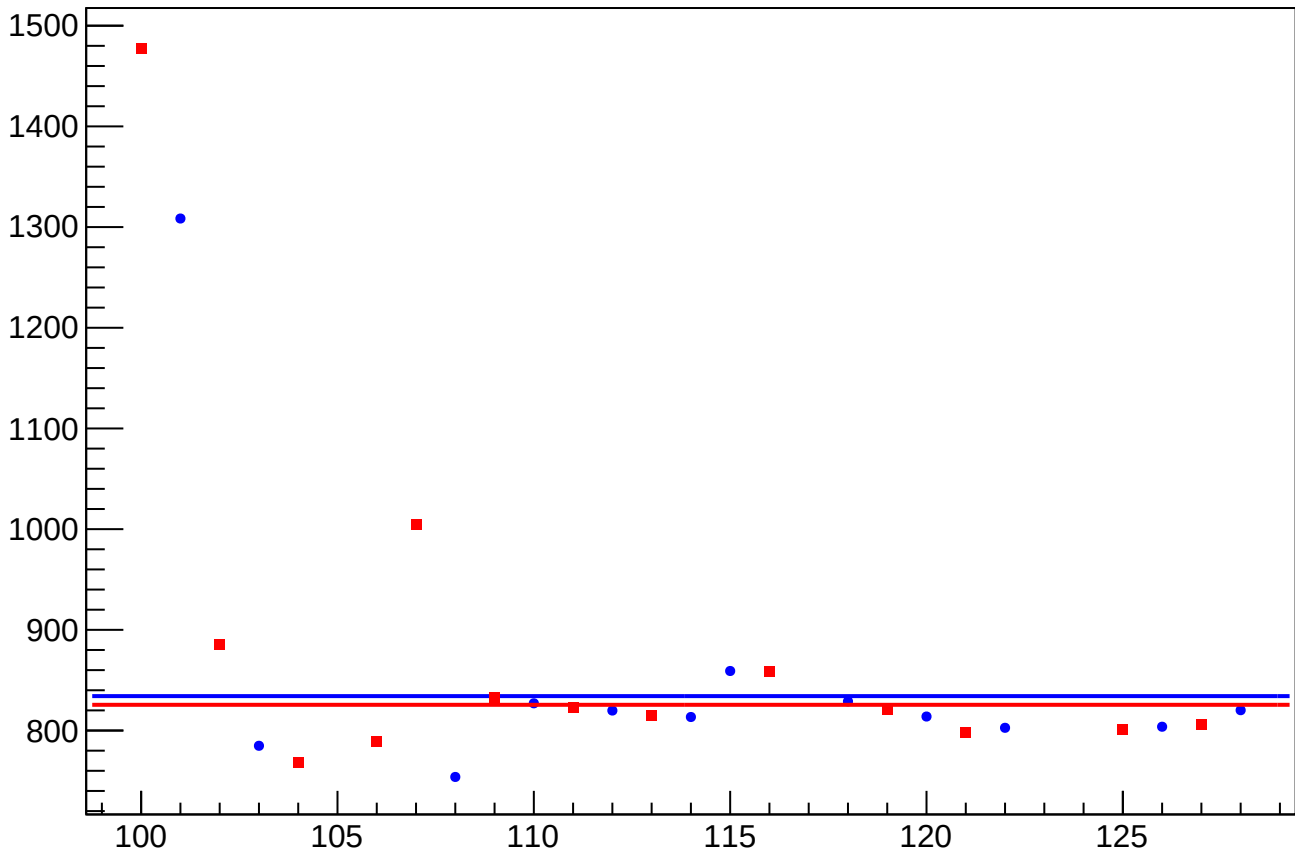
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.295+/-261.945 χ^2/NDF : 31.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl2_dd_rms vs Slug



Right In: 834.182 $\pm$ 0.267 χ^2 /NDF: 188221.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 825.545 $\pm$ 0.256 χ^2 /NDF: 59023.9/12

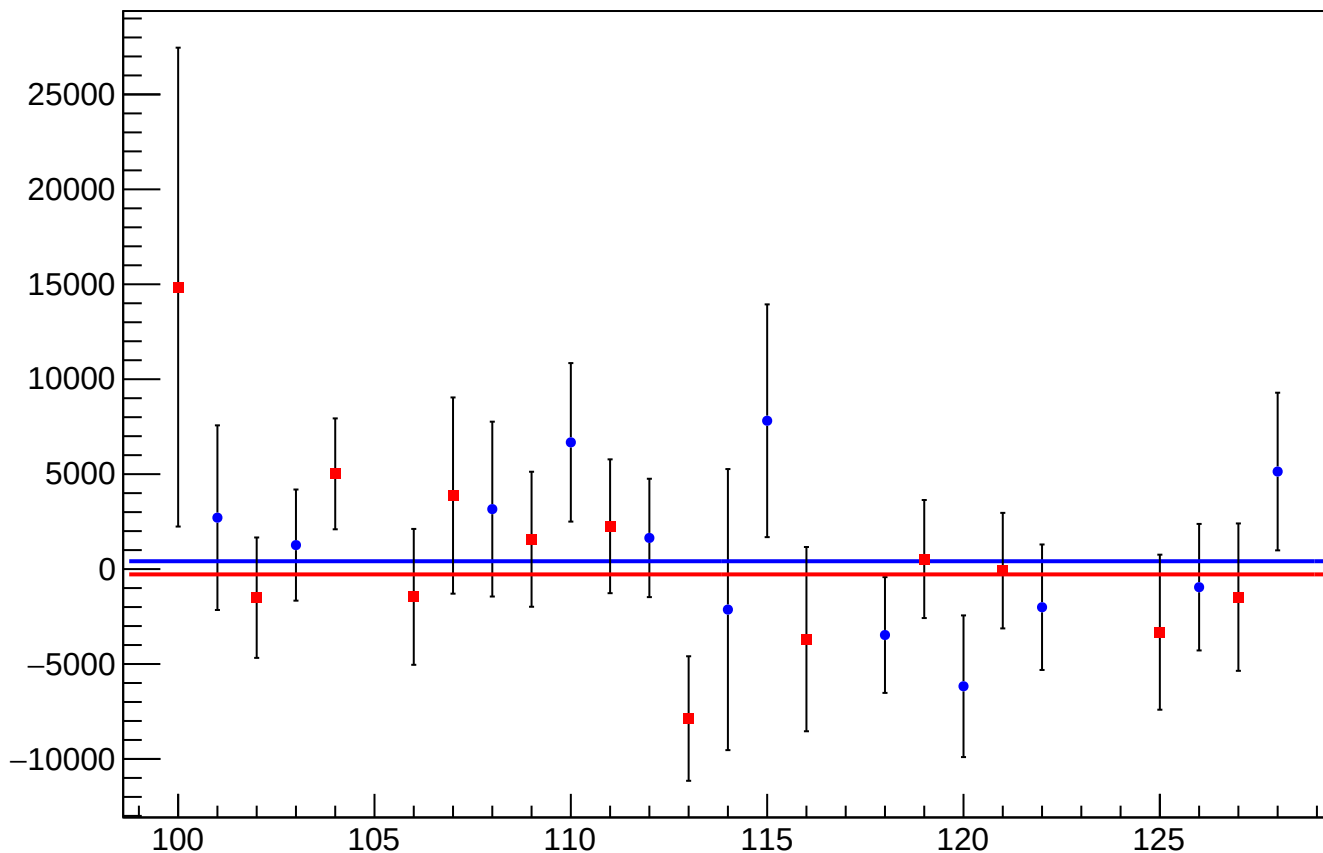
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 829.676 $\pm$ 0.185 χ^2 /NDF: 247792.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_cor_correction_mean vs Slug



Right In: 413.537 $\pm$ 1097.380 χ^2 /NDF: 11.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -279.841 $\pm$ 1014.613 χ^2 /NDF: 13.0/12

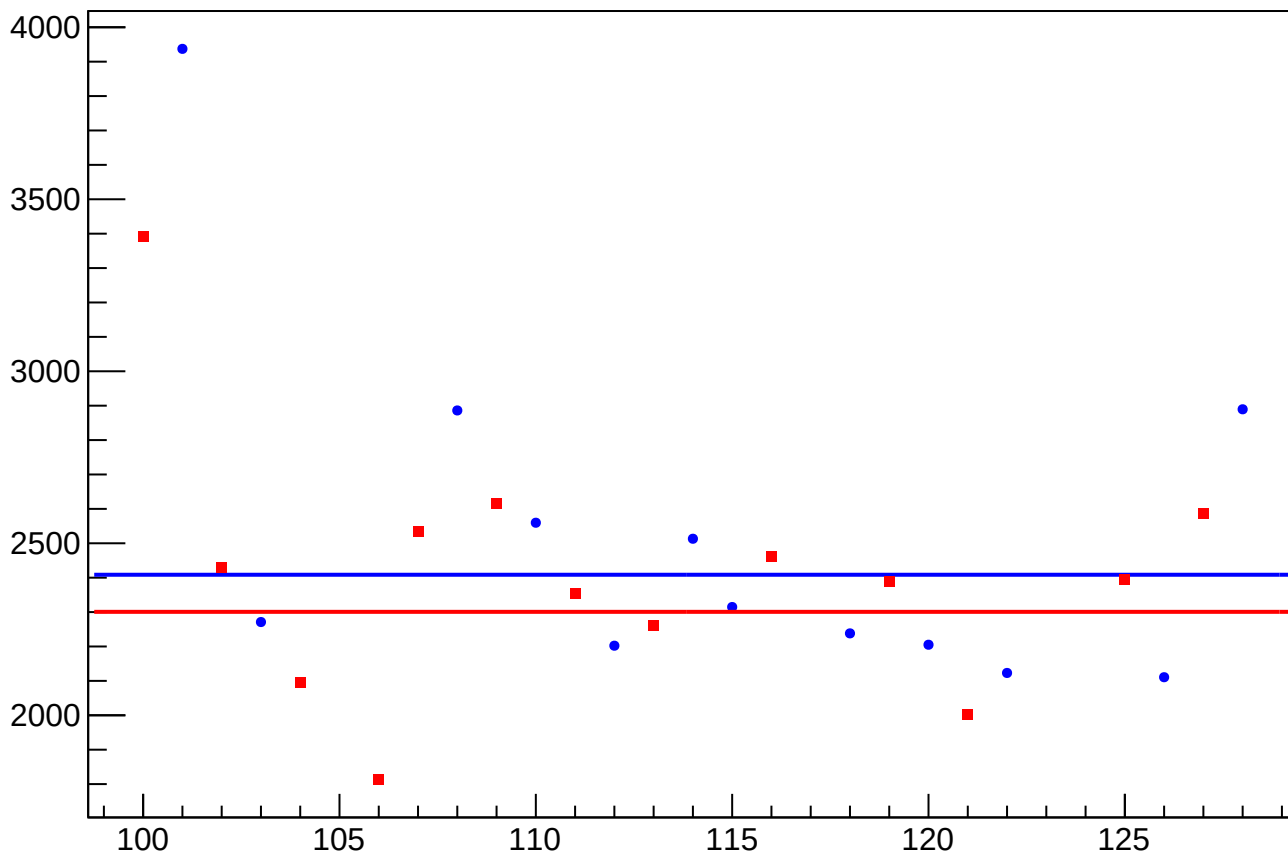
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.717 $\pm$ 744.984 χ^2 /NDF: 24.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_cor_correction_rms vs Slug



Right In: 2408.524+/-0.776 χ^2/NDF : 305812.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

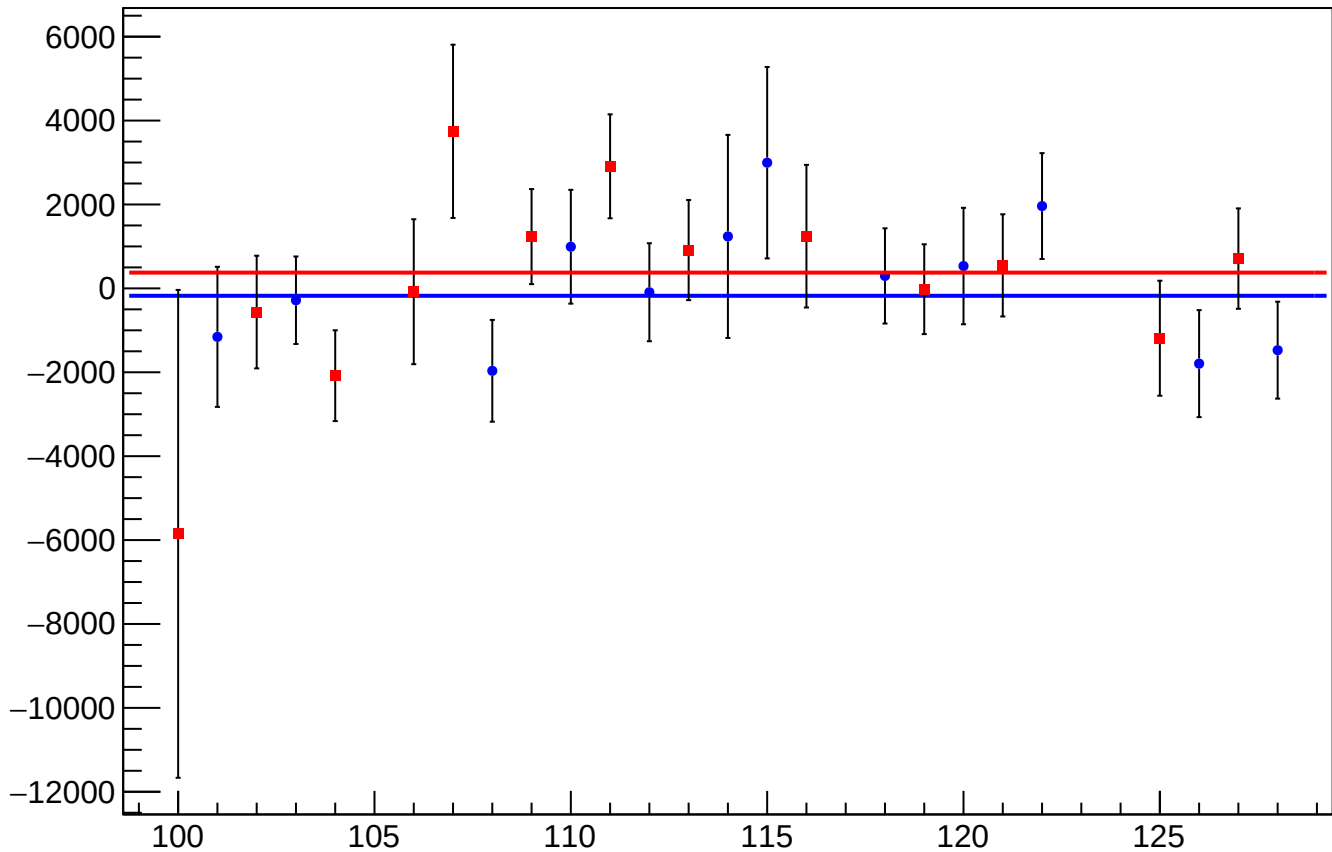
Right Out: 2300.711+/-0.717 χ^2/NDF : 121224.4/12

All: 2350.399+/-0.527 χ^2/NDF : 437443.9/24

- 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: -176.677+/-381.165 χ^2 /NDF: 11.7/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 376.084+/-371.090 χ^2 /NDF: 16.3/12

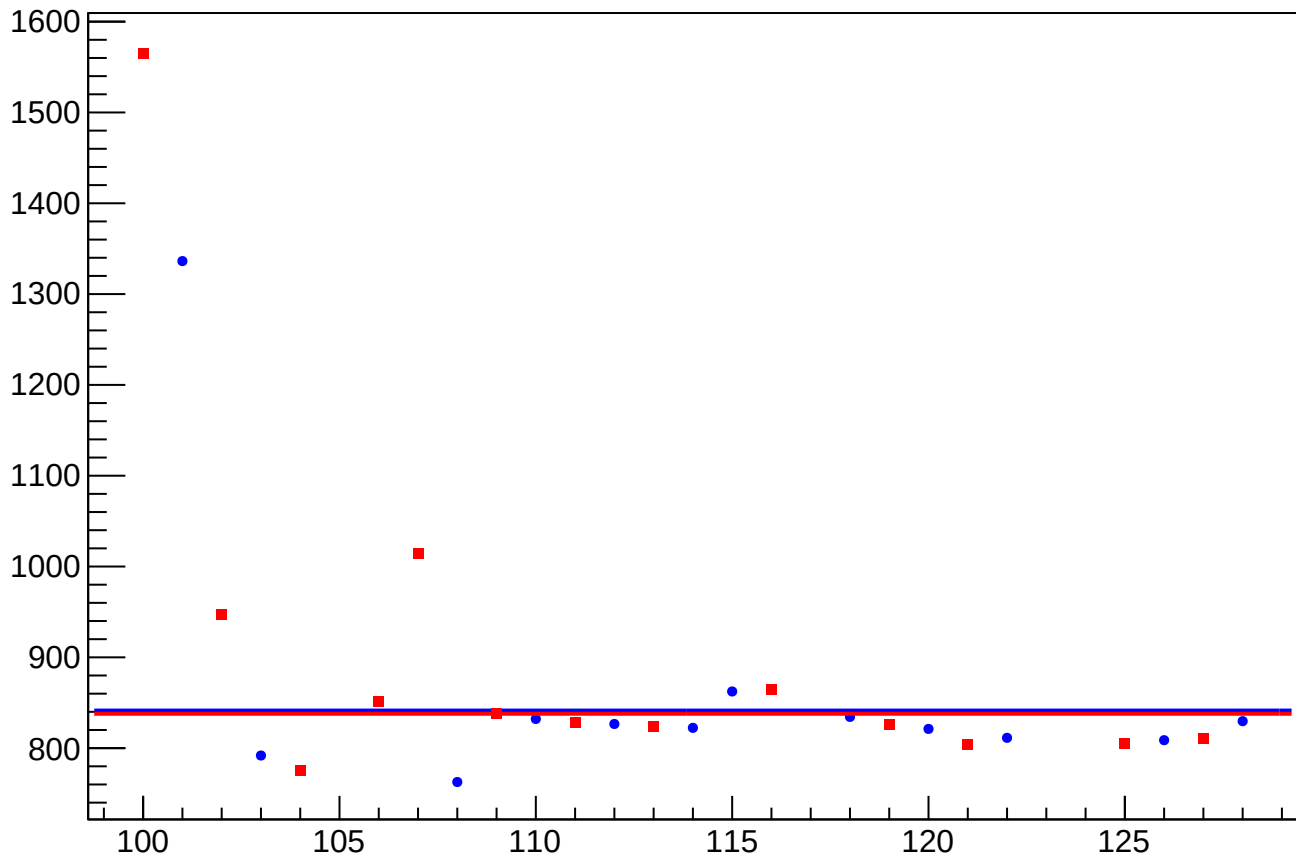
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 107.106+/-265.891 χ^2 /NDF: 29.1/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_asym_usl_atl2_dd_rms vs Slug



Right In: 841.383 $\pm$ 0.270 χ^2 /NDF: 192441.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 837.881 $\pm$ 0.262 χ^2 /NDF: 70760.5/12

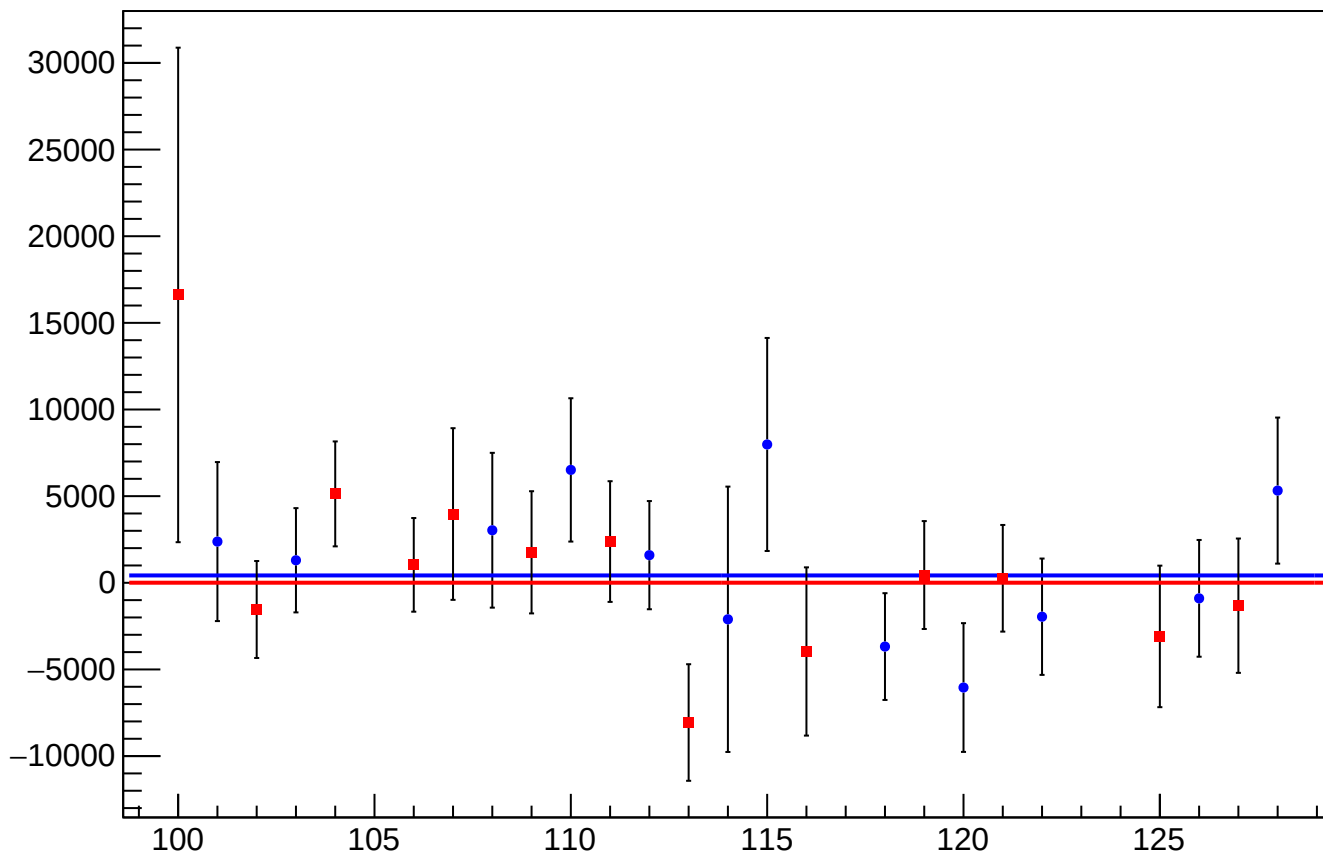
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 839.583 $\pm$ 0.188 χ^2 /NDF: 263288.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_dit_correction_mean vs Slug



Right In: 424.619+/-1101.815 χ^2/NDF : 11.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.889+/-976.600 χ^2/NDF : 13.2/12

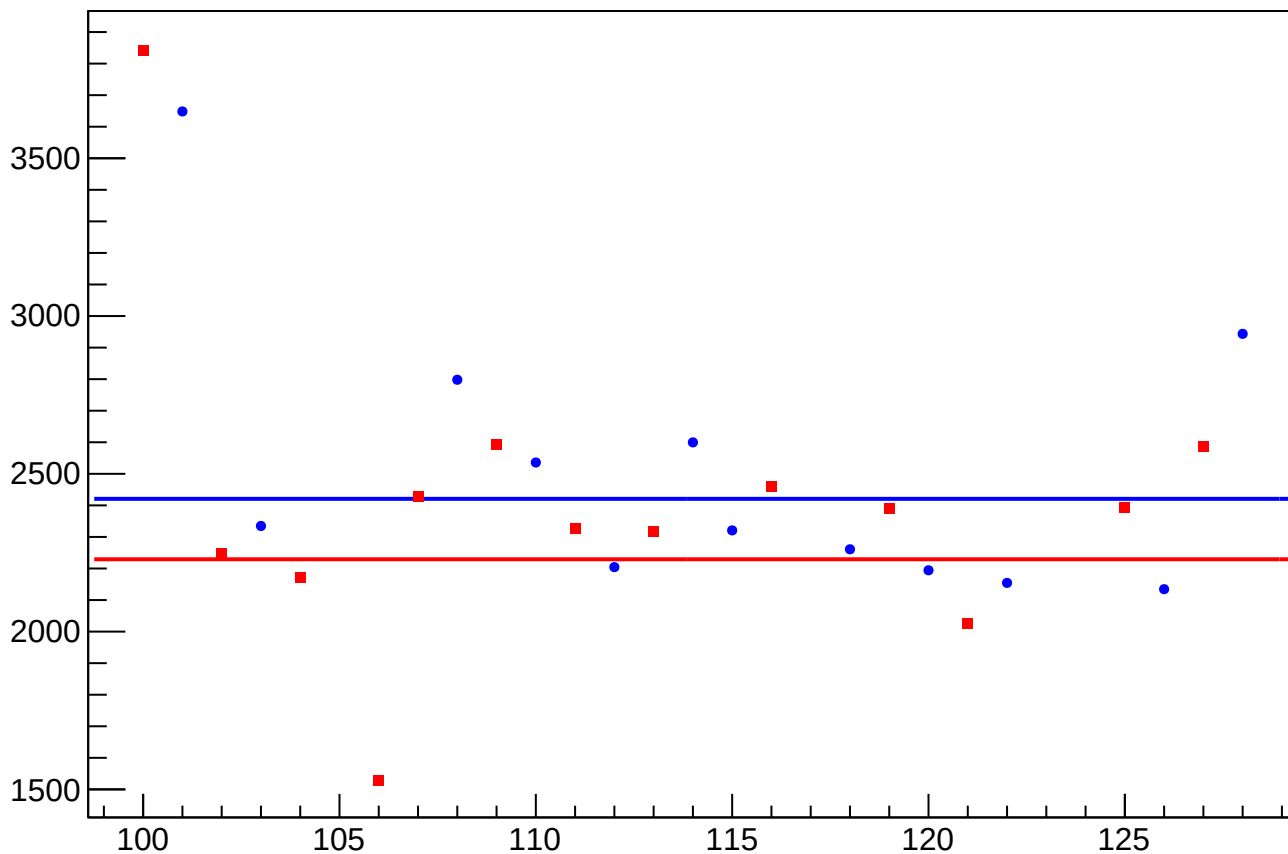
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.559+/-730.838 χ^2/NDF : 24.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_dit_correction_rms vs Slug



Right In: 2420.750+/-0.779 χ^2/NDF : 242498.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

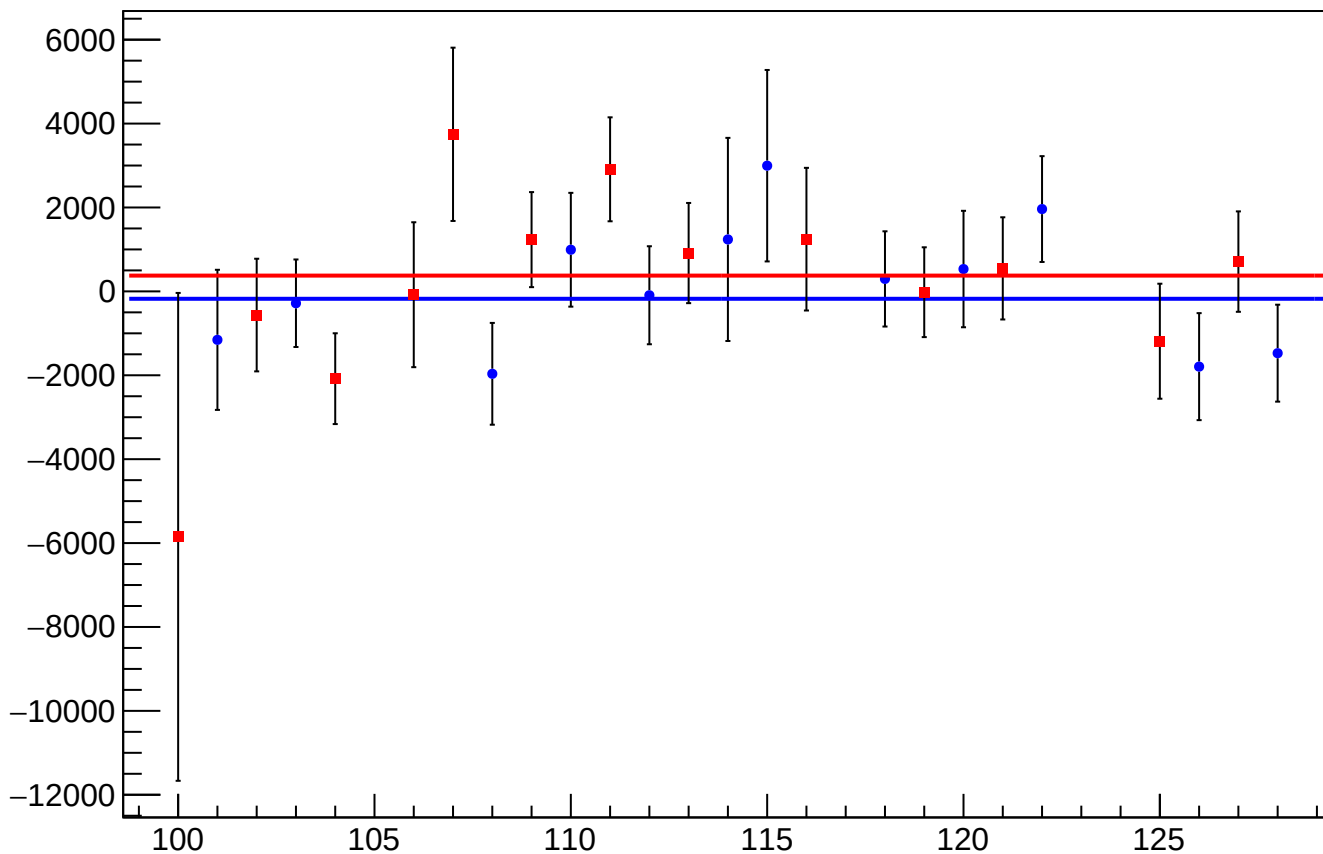
Right Out: 2229.236+/-0.691 χ^2/NDF : 226874.4/12

All: 2313.497+/-0.517 χ^2/NDF : 503211.9/24

- 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_atl2_dd_mean vs Slug



Right In: -176.681+/-381.165 χ^2 /NDF: 11.7/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 376.091+/-371.090 χ^2 /NDF: 16.3/12

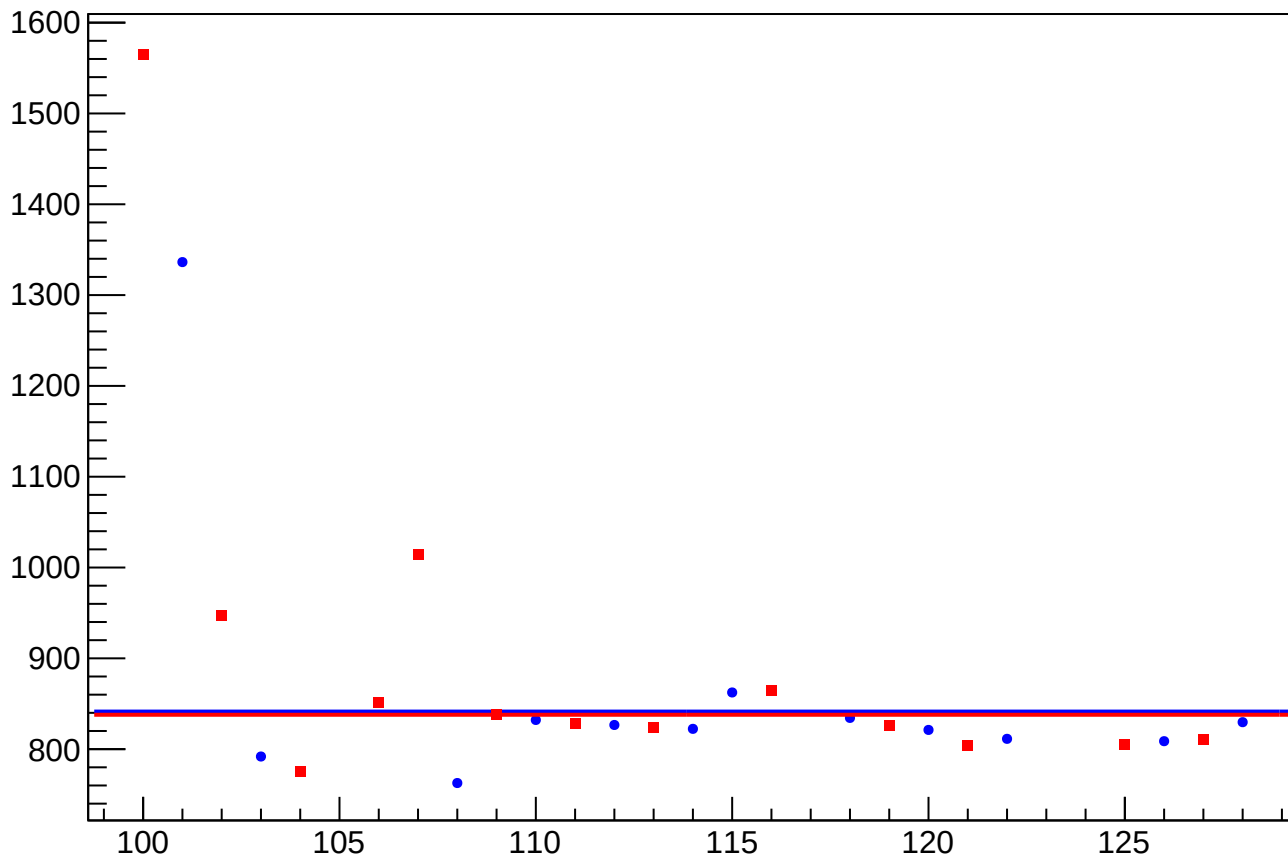
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 107.107+/-265.891 χ^2 /NDF: 29.1/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usl_atl2_dd_rms vs Slug



Right In: 841.383+/-0.270 χ^2/NDF : 192440.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 837.881+/-0.262 χ^2/NDF : 70760.4/12

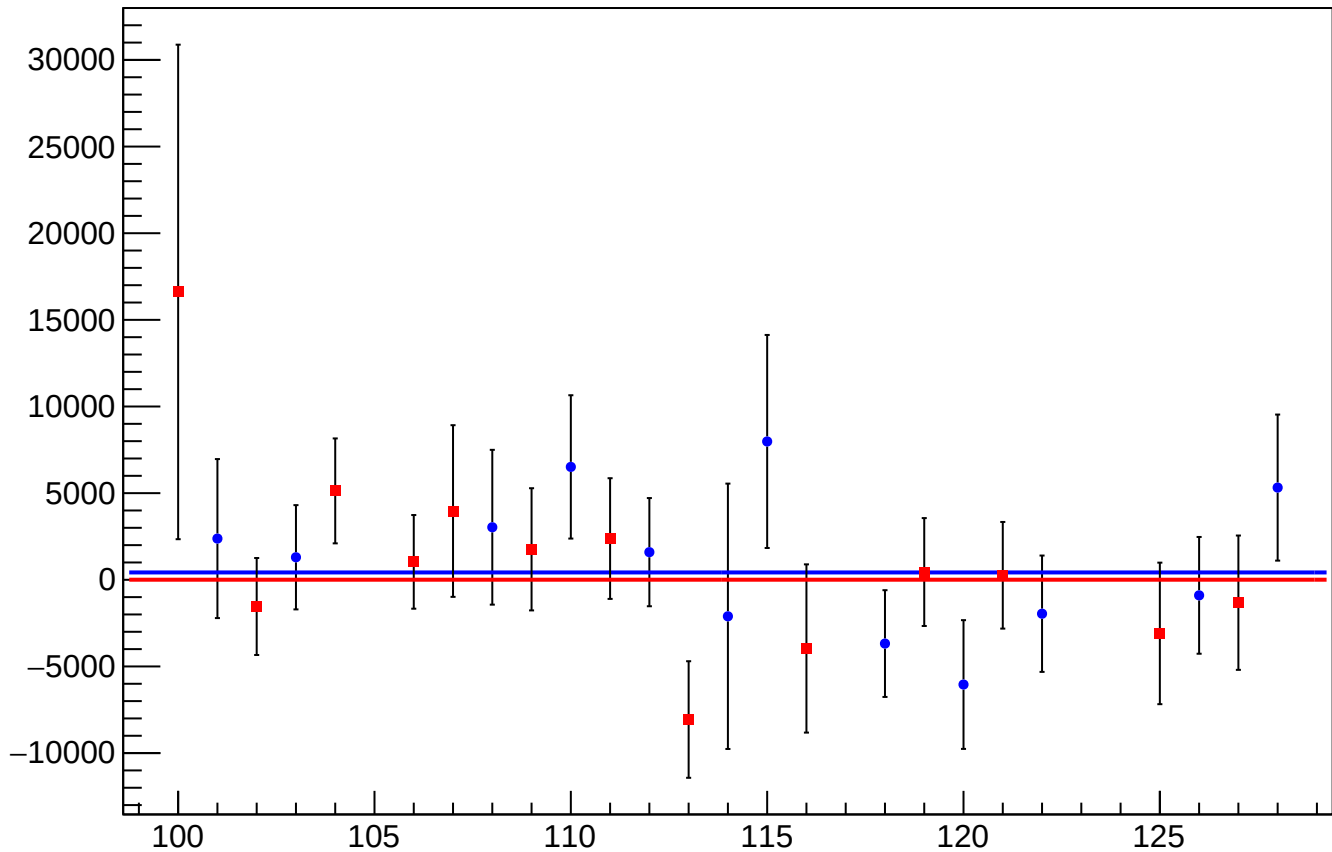
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 839.583+/-0.188 χ^2/NDF : 263287.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_dit_correction_mean vs Slug



Right In: 424.614+/-1101.811 χ^2 /NDF: 11.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 4.890+/-976.597 χ^2 /NDF: 13.2/12

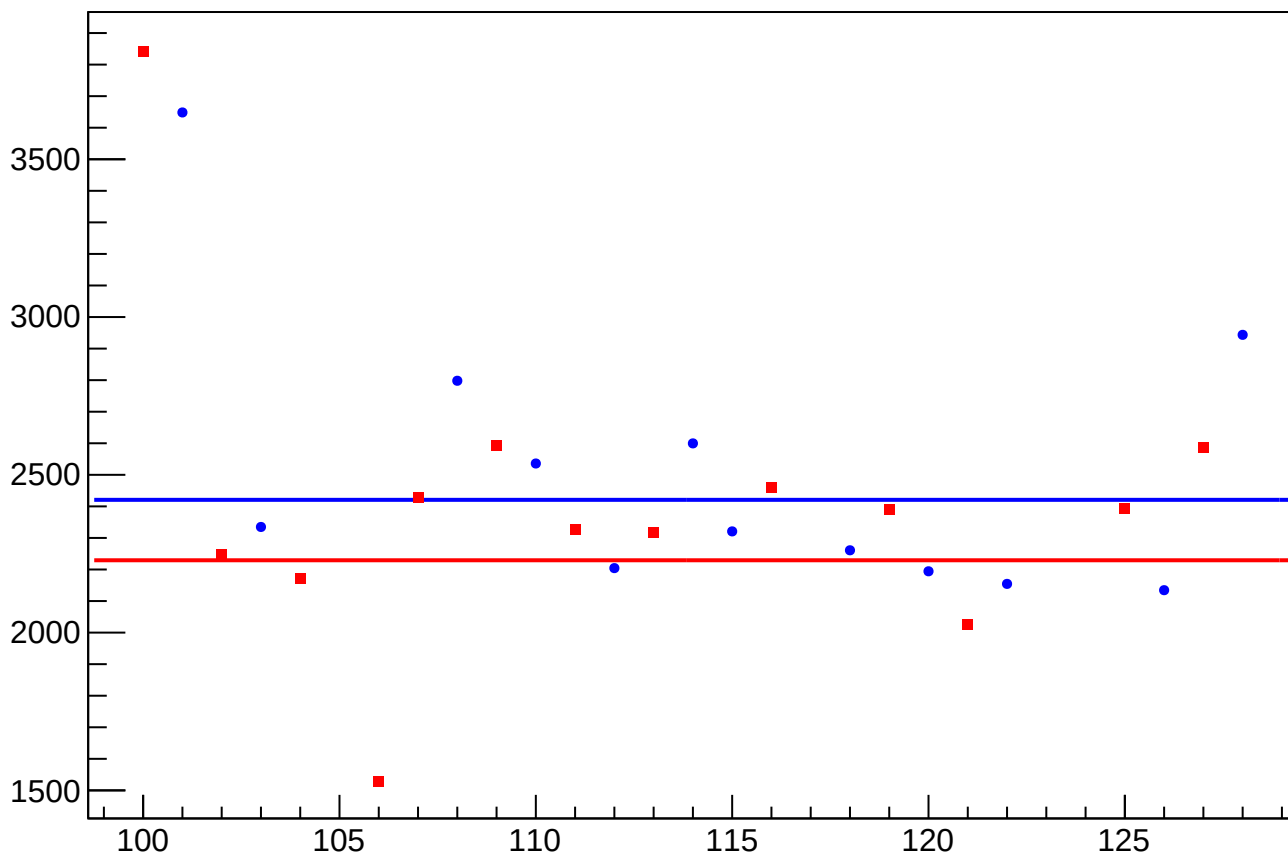
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 189.557+/-730.836 χ^2 /NDF: 24.6/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_dit_correction_rms vs Slug



Right In: 2420.740 $\pm$ 0.779 χ^2 /NDF: 242500.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2229.230 $\pm$ 0.691 χ^2 /NDF: 226875.3/12

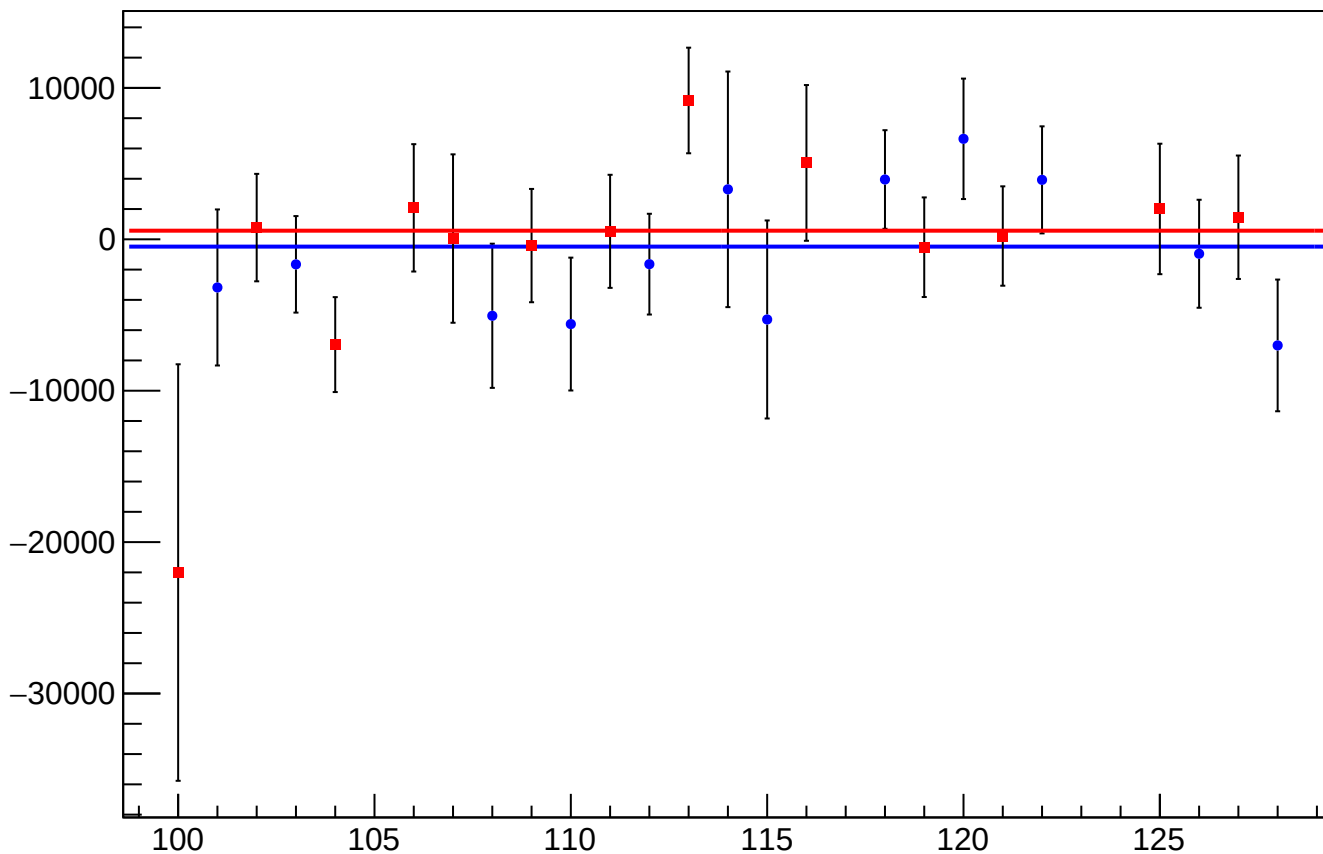
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2313.489 $\pm$ 0.517 χ^2 /NDF: 503213.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_mean vs Slug



Right In: -482.098+/-1169.384 χ^2/NDF : 12.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 569.780+/-1092.557 χ^2/NDF : 15.8/12

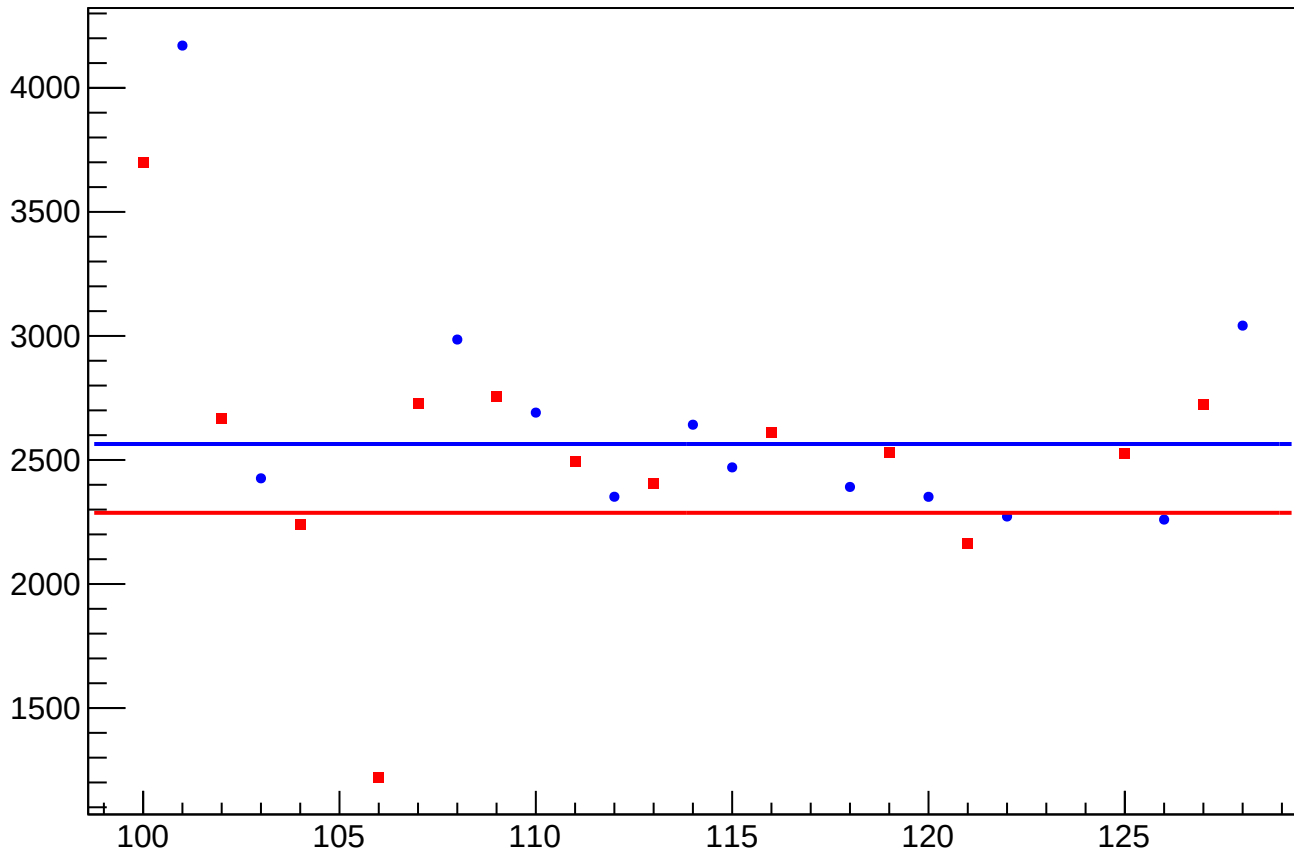
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.527+/-798.334 χ^2/NDF : 28.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_rms vs Slug



Right In: 2564.392 $\pm$ 0.827 χ^2 /NDF: 287809.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

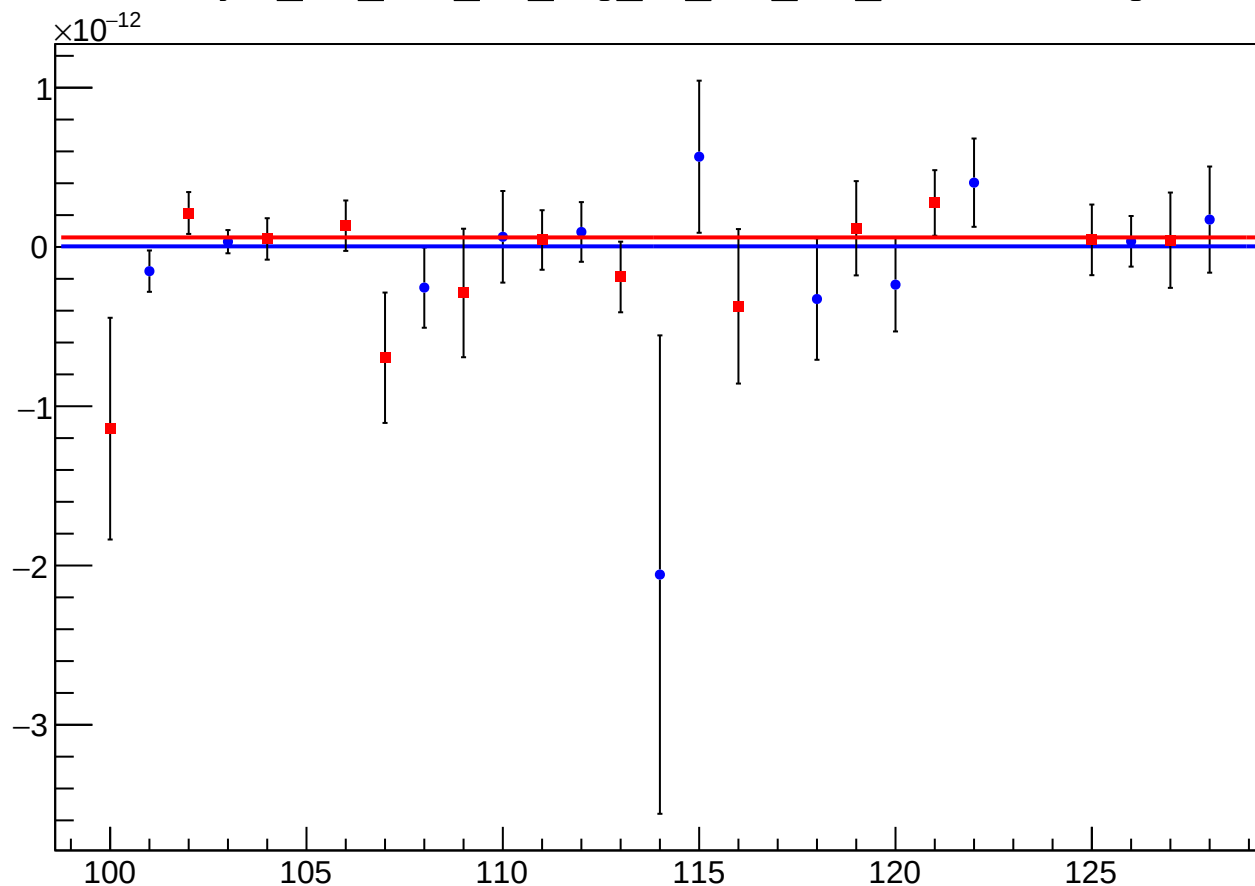
Right Out: 2287.020 $\pm$ 0.730 χ^2 /NDF: 505171.6/12

All: 2408.518 $\pm$ 0.547 χ^2 /NDF: 856216.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 10.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.9/12

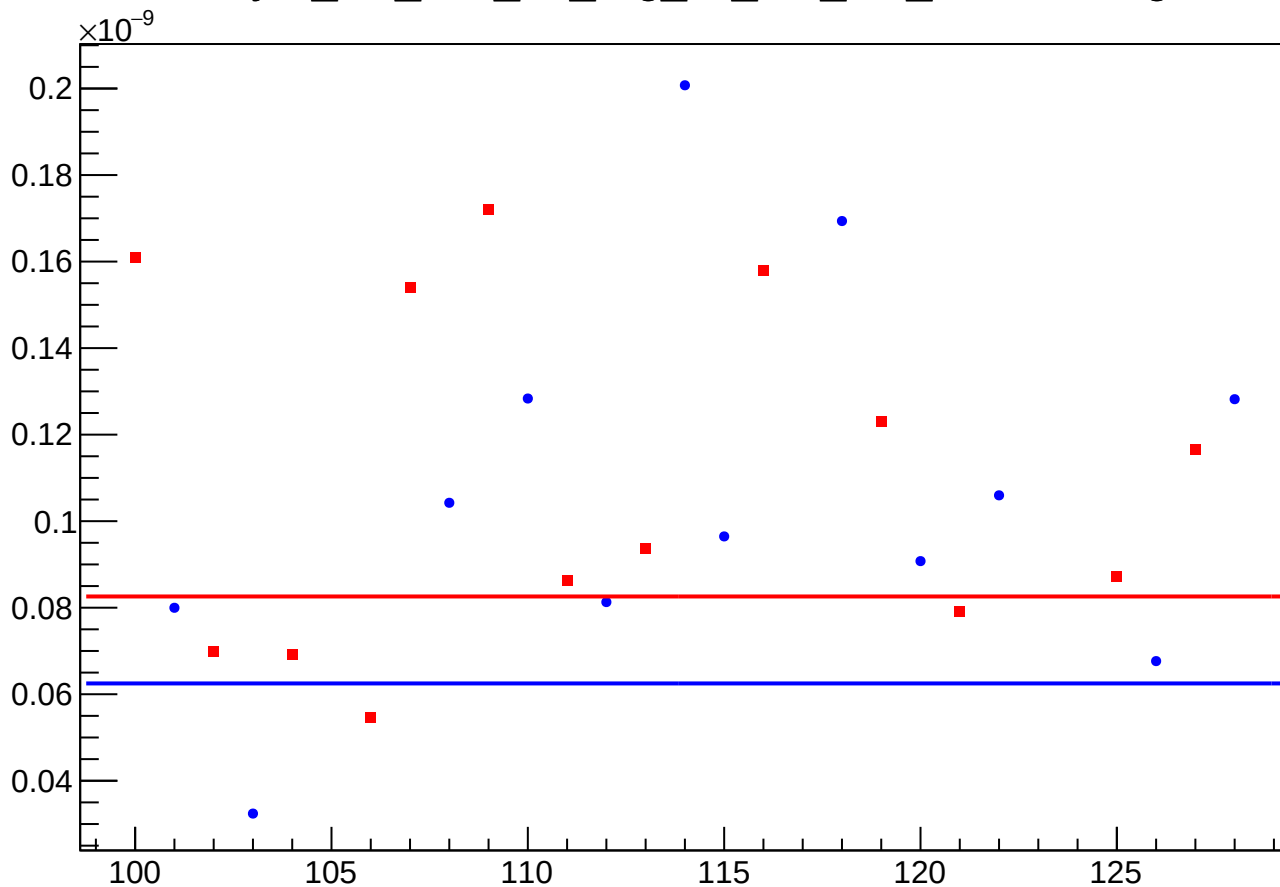
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 888178.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 405844.4/12

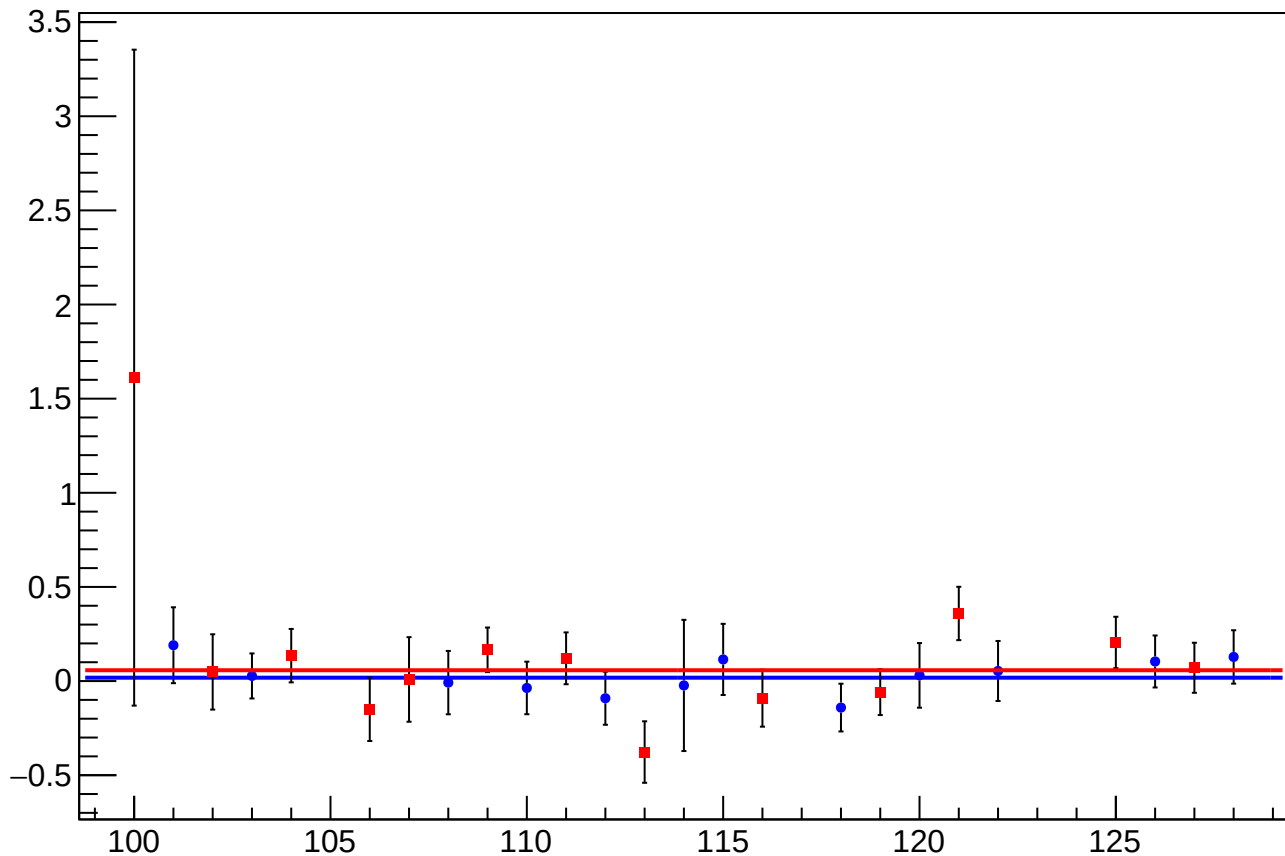
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1428449.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.018 $\pm$ 0.044 χ^2 /NDF: 4.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.058 $\pm$ 0.042 χ^2 /NDF: 18.4/12

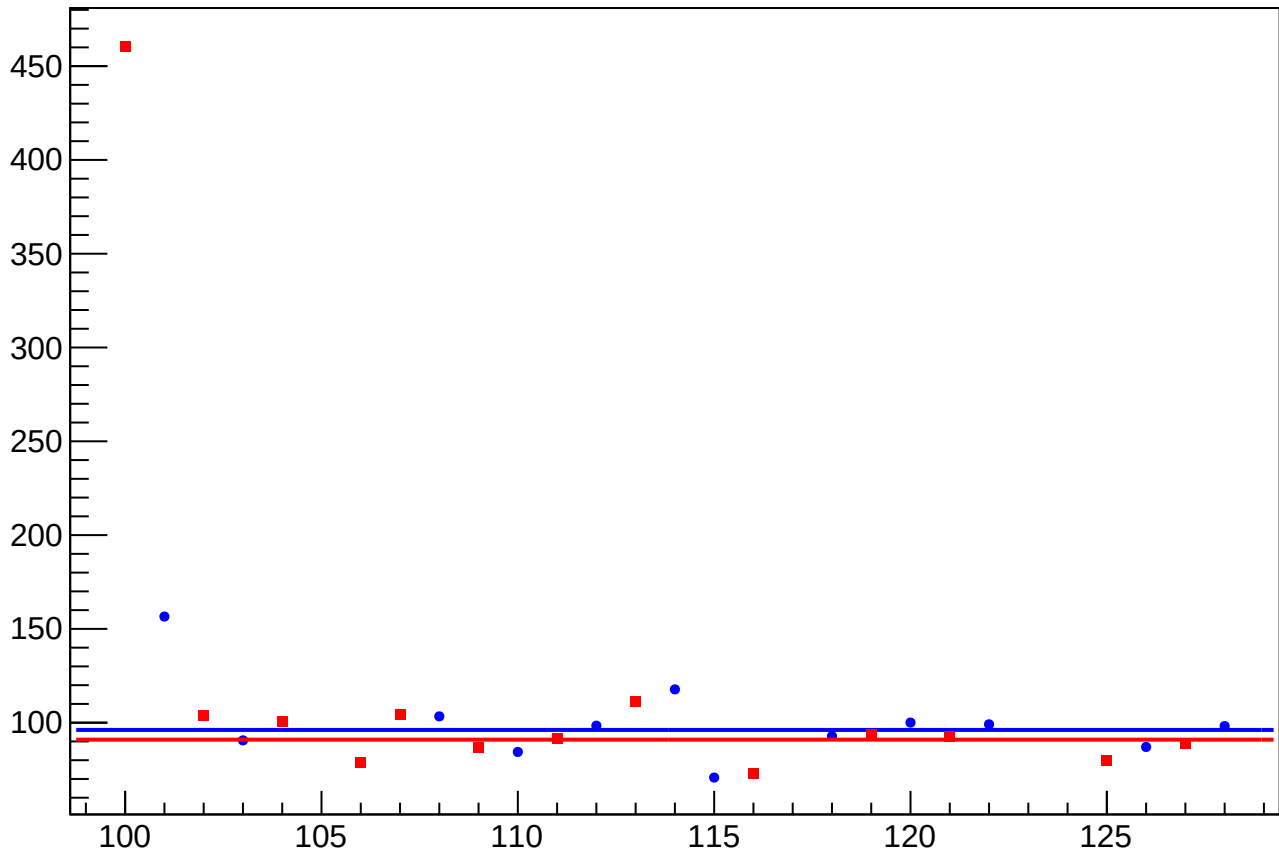
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.039 $\pm$ 0.031 χ^2 /NDF: 23.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 96.147+/-0.031 χ^2/NDF : 258432.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.955+/-0.030 χ^2/NDF : 201073.9/12

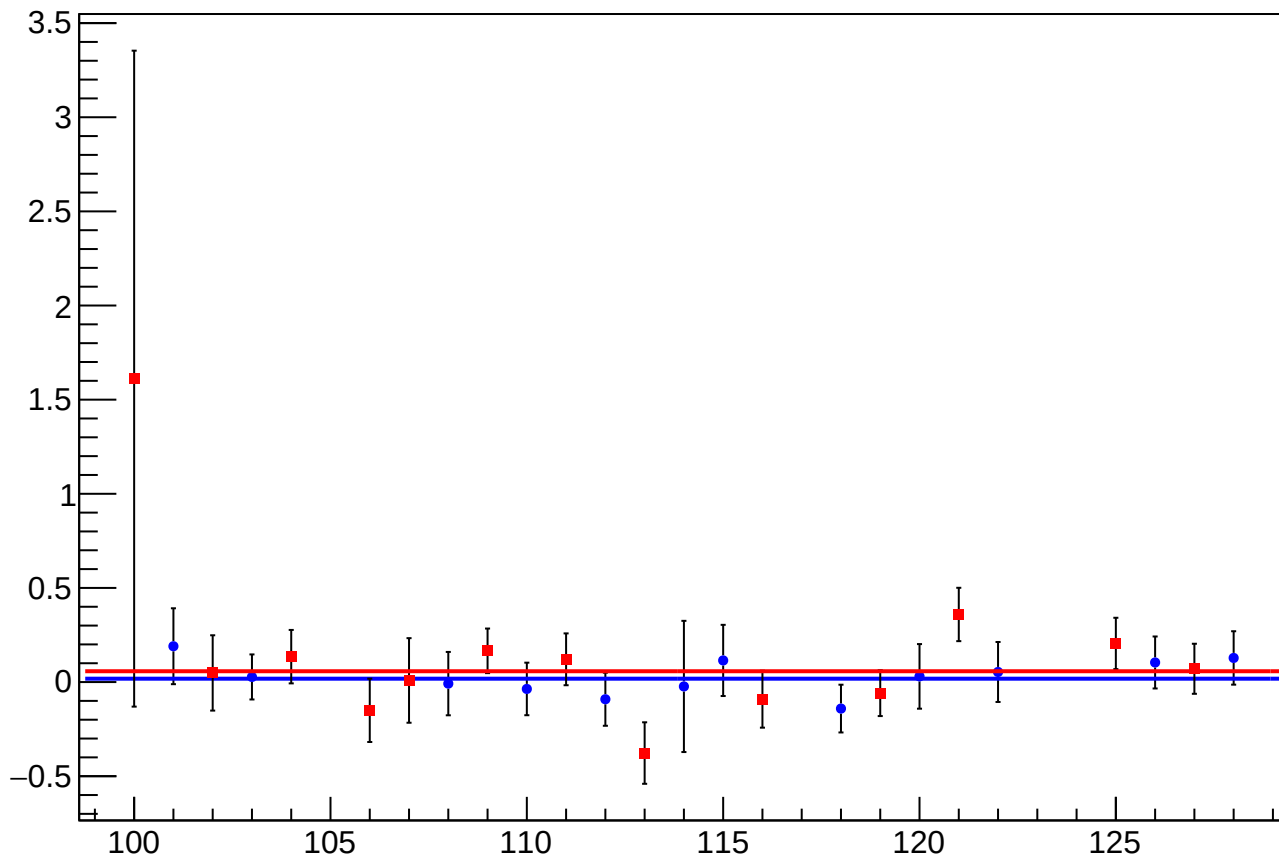
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.411+/-0.022 χ^2/NDF : 473864.3/24

- 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: 0.018 $\pm$ 0.044 χ^2 /NDF: 4.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.058 $\pm$ 0.042 χ^2 /NDF: 18.4/12

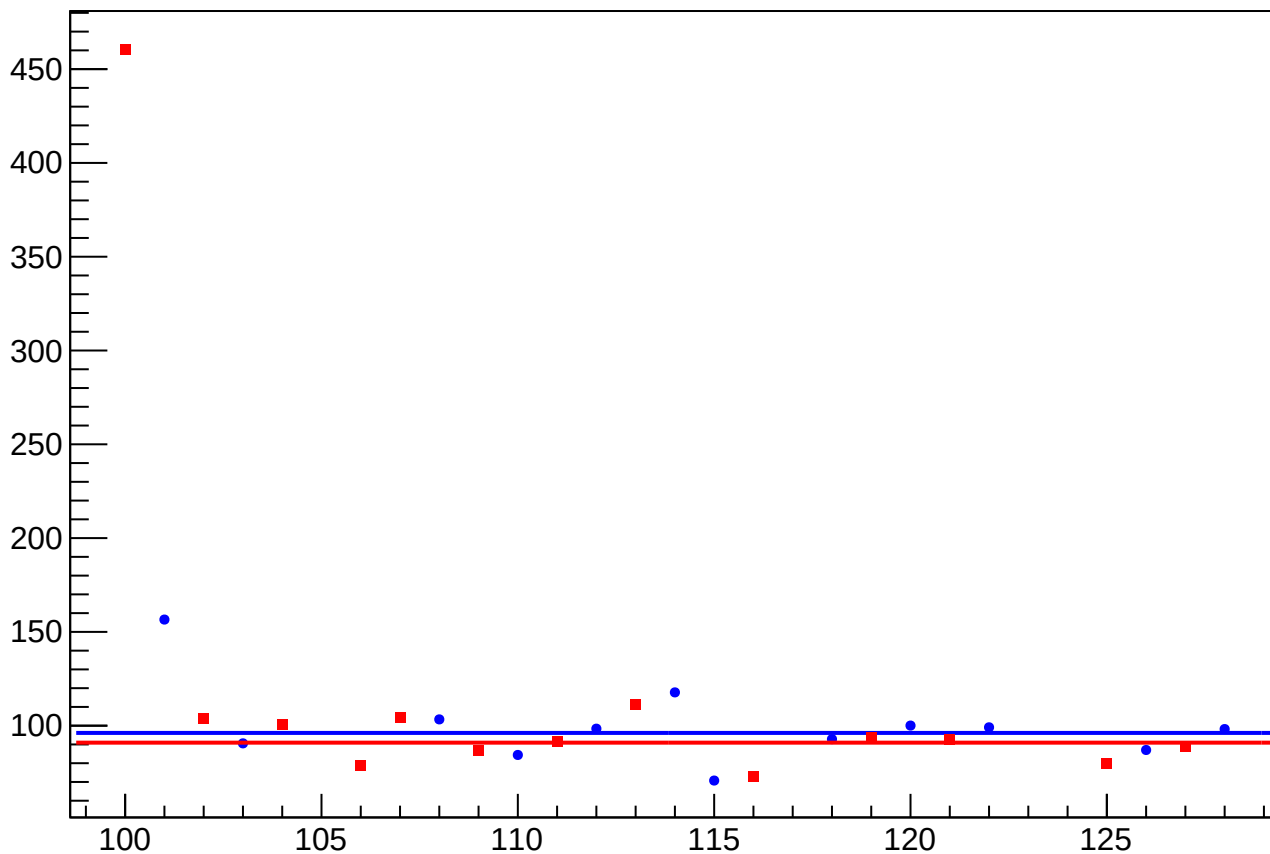
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.039 $\pm$ 0.031 χ^2 /NDF: 23.2/24

- 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: 96.147 $\pm$ 0.031 χ^2 /NDF: 258432.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 90.955 $\pm$ 0.030 χ^2 /NDF: 201073.9/12

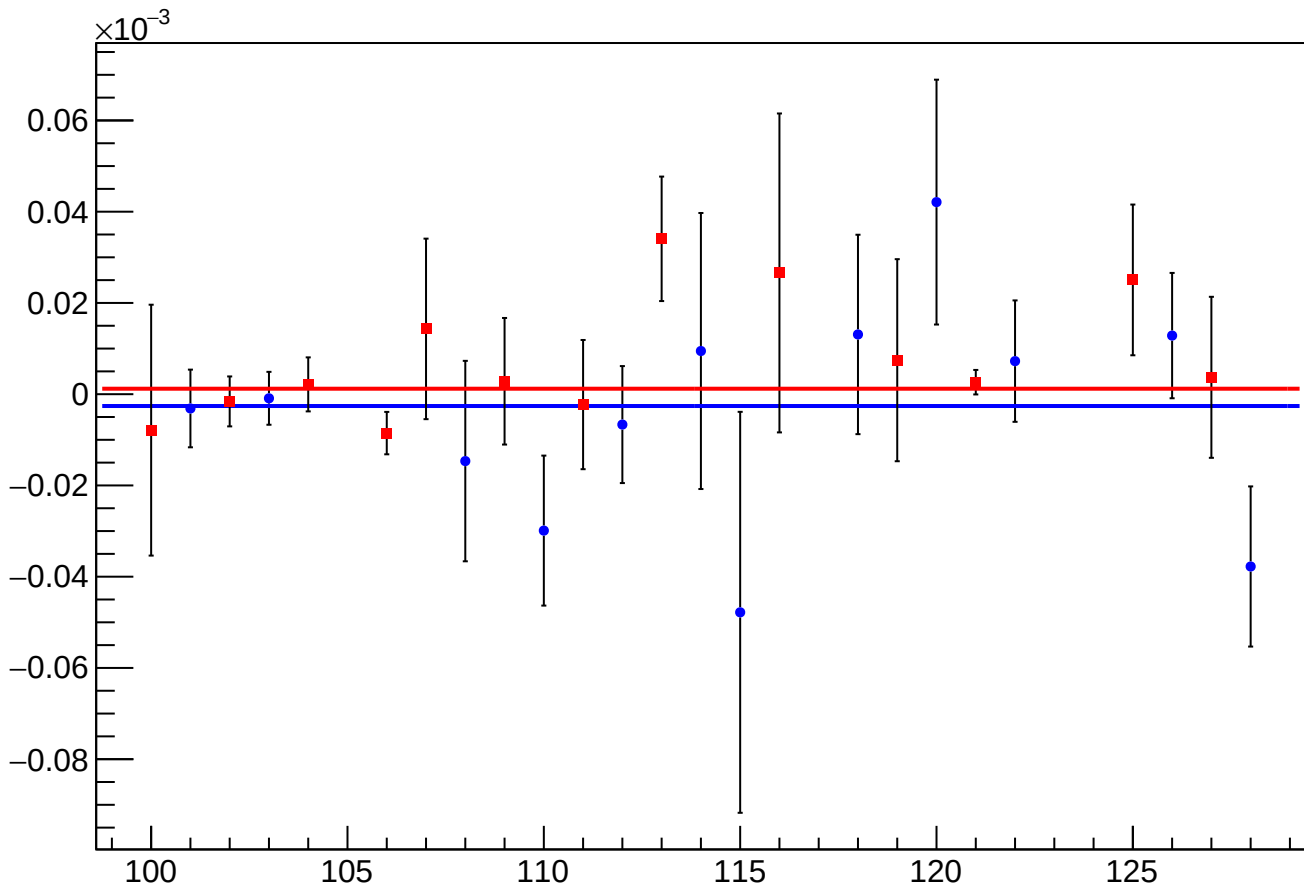
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 93.411 $\pm$ 0.022 χ^2 /NDF: 473864.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2/NDF : 13.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 14.1/12

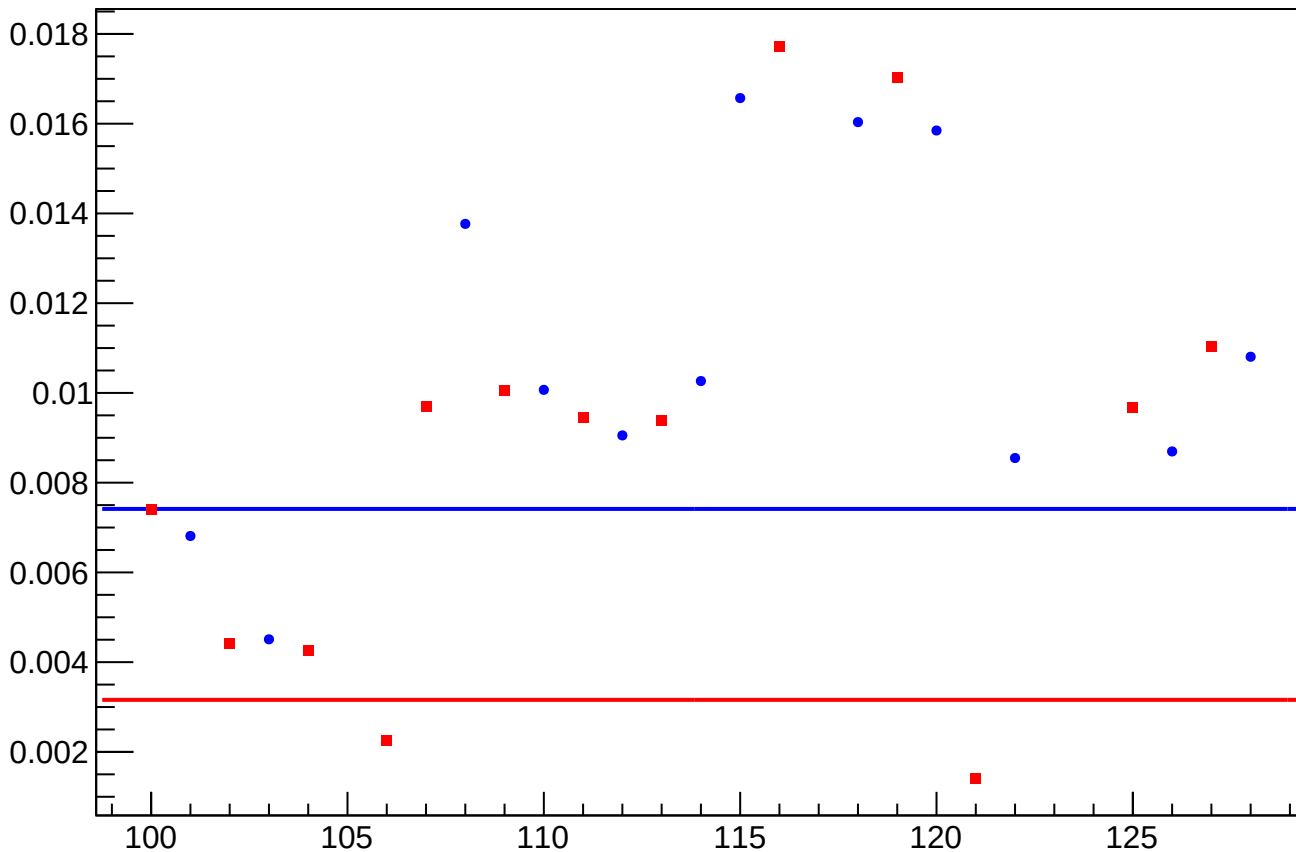
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 28.5/24

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 1484613.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 4520919.6/12

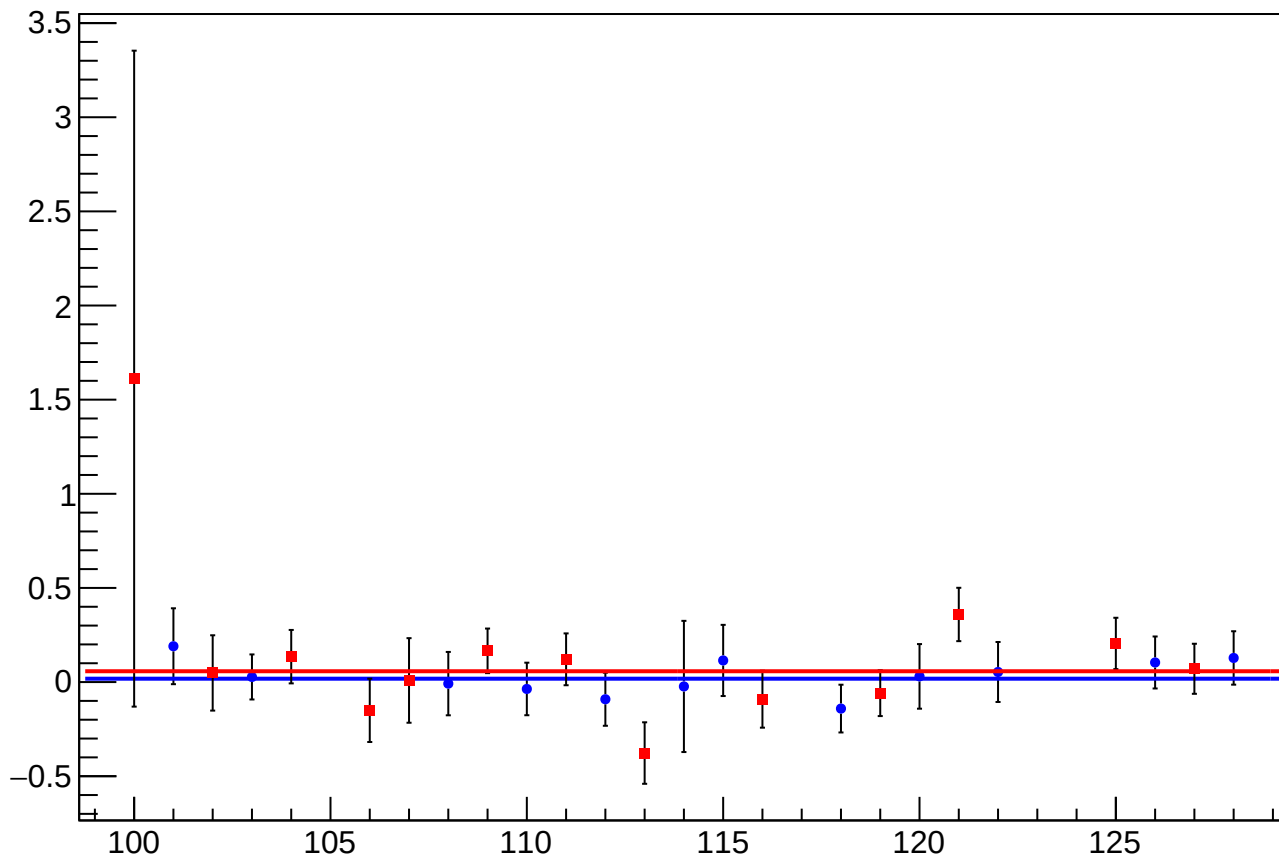
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 8134294.3/24

- 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: 0.018 $\pm$ 0.044 χ^2 /NDF: 4.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.058 $\pm$ 0.042 χ^2 /NDF: 18.4/12

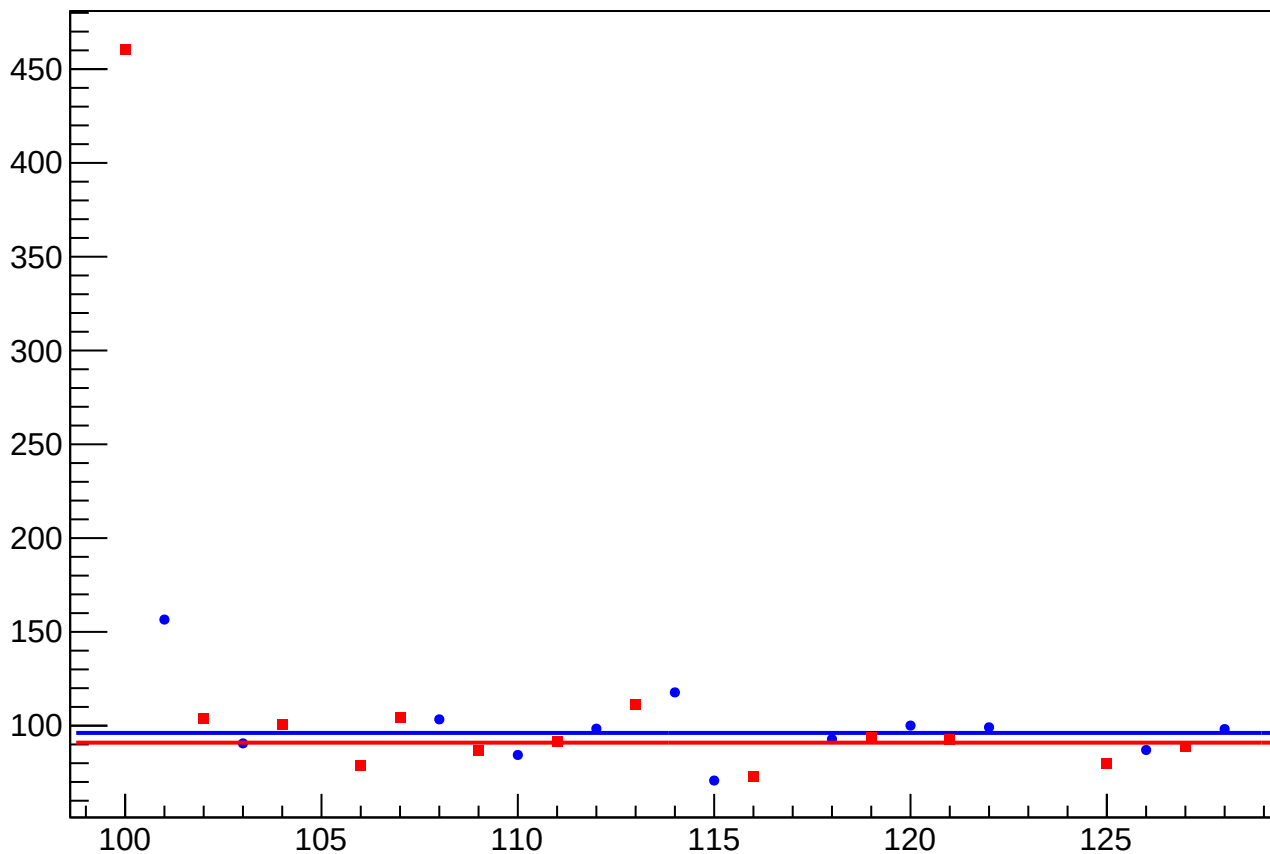
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.039 $\pm$ 0.031 χ^2 /NDF: 23.2/24

- 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: 96.148 $\pm$ 0.031 χ^2 /NDF: 258411.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 90.957 $\pm$ 0.030 χ^2 /NDF: 201031.9/12

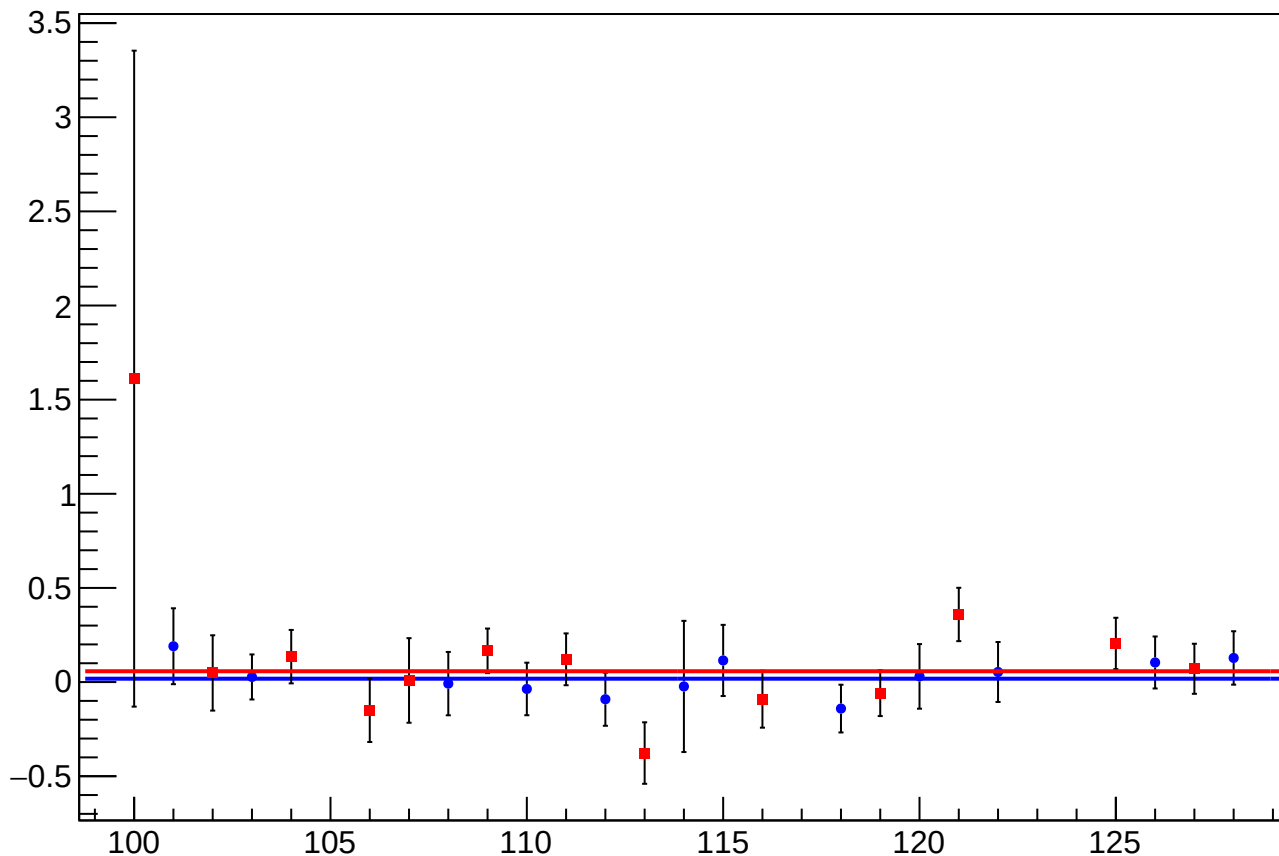
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 93.413 $\pm$ 0.022 χ^2 /NDF: 473797.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.018 $\pm$ 0.044 χ^2 /NDF: 4.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.058 $\pm$ 0.042 χ^2 /NDF: 18.4/12

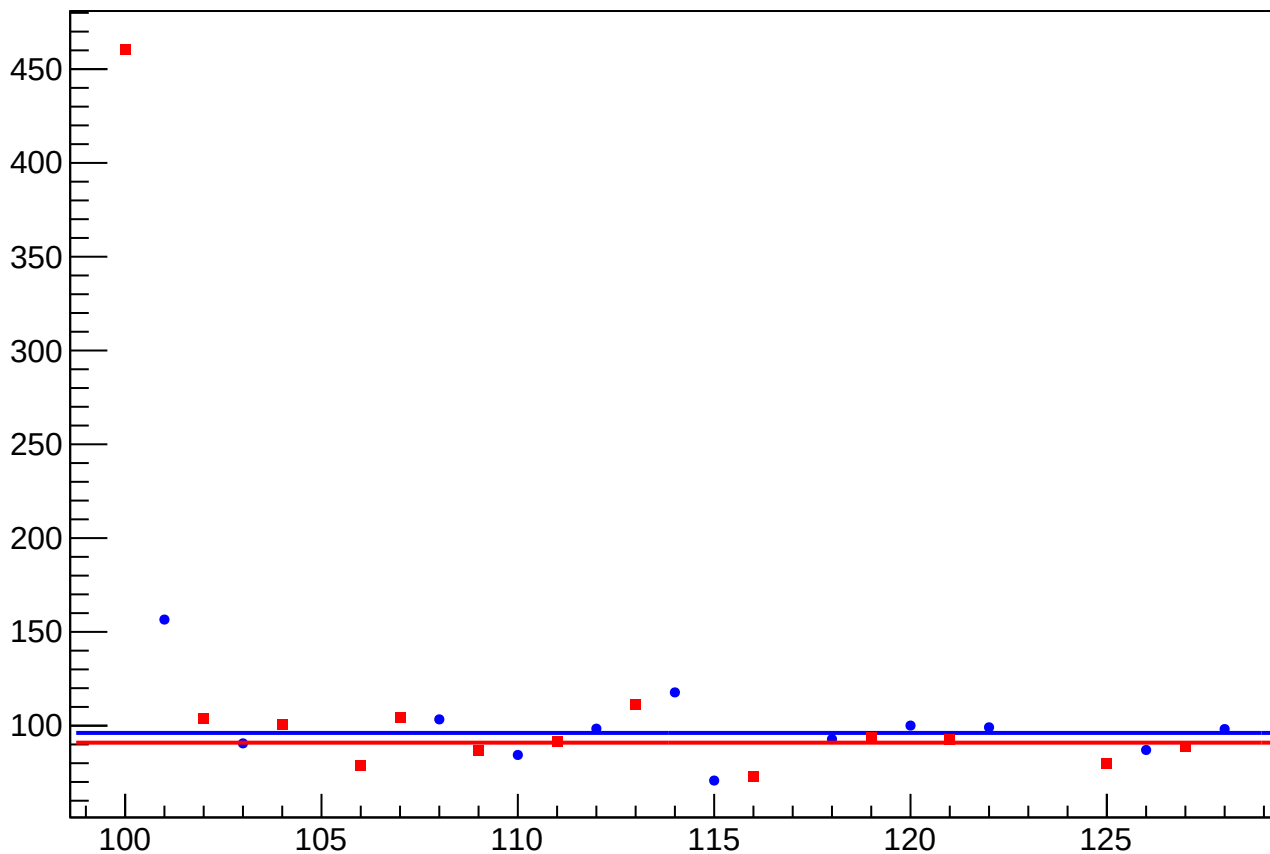
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.039 $\pm$ 0.031 χ^2 /NDF: 23.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 96.148 $\pm$ 0.031 χ^2 /NDF: 258411.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 90.957 $\pm$ 0.030 χ^2 /NDF: 201031.9/12

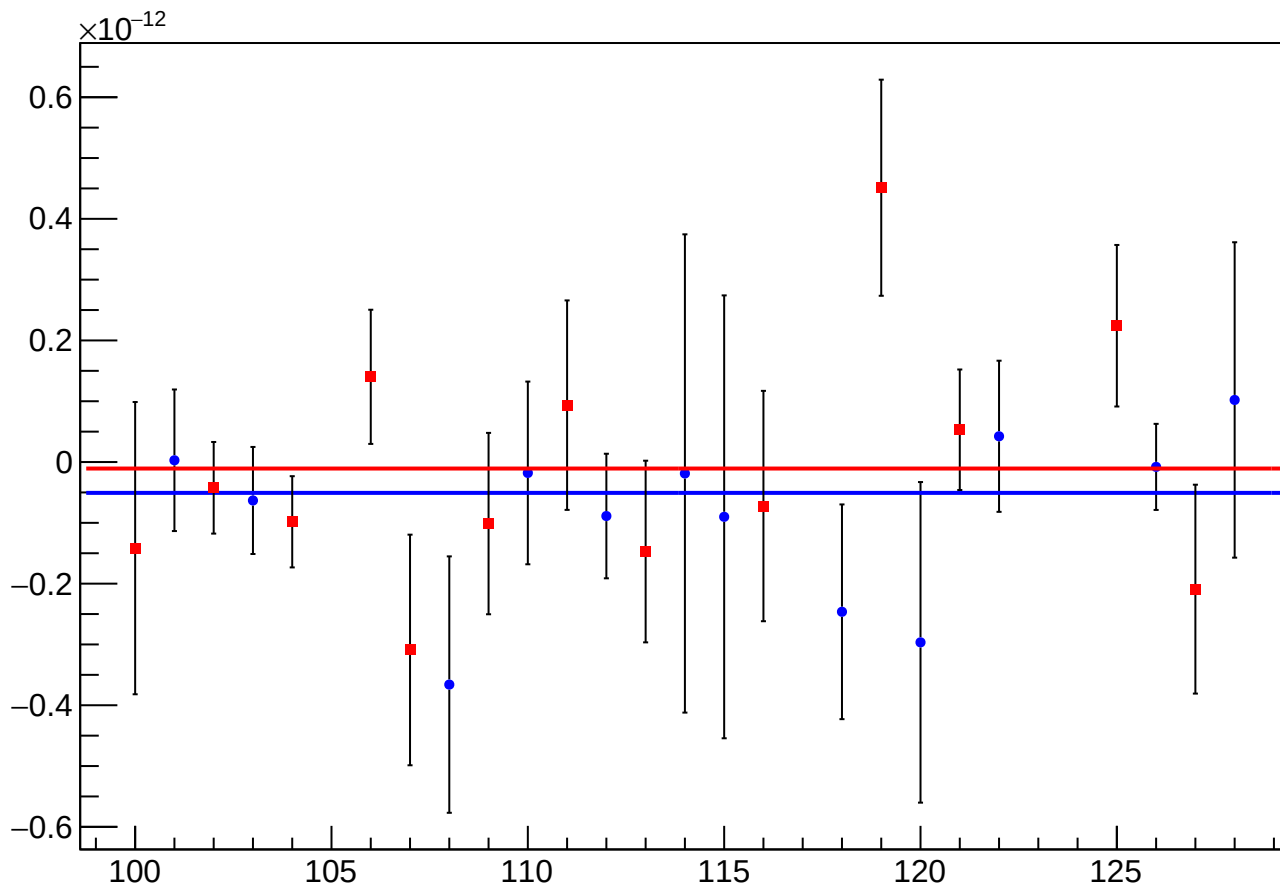
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 93.413 $\pm$ 0.022 χ^2 /NDF: 473797.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 6.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.5/12

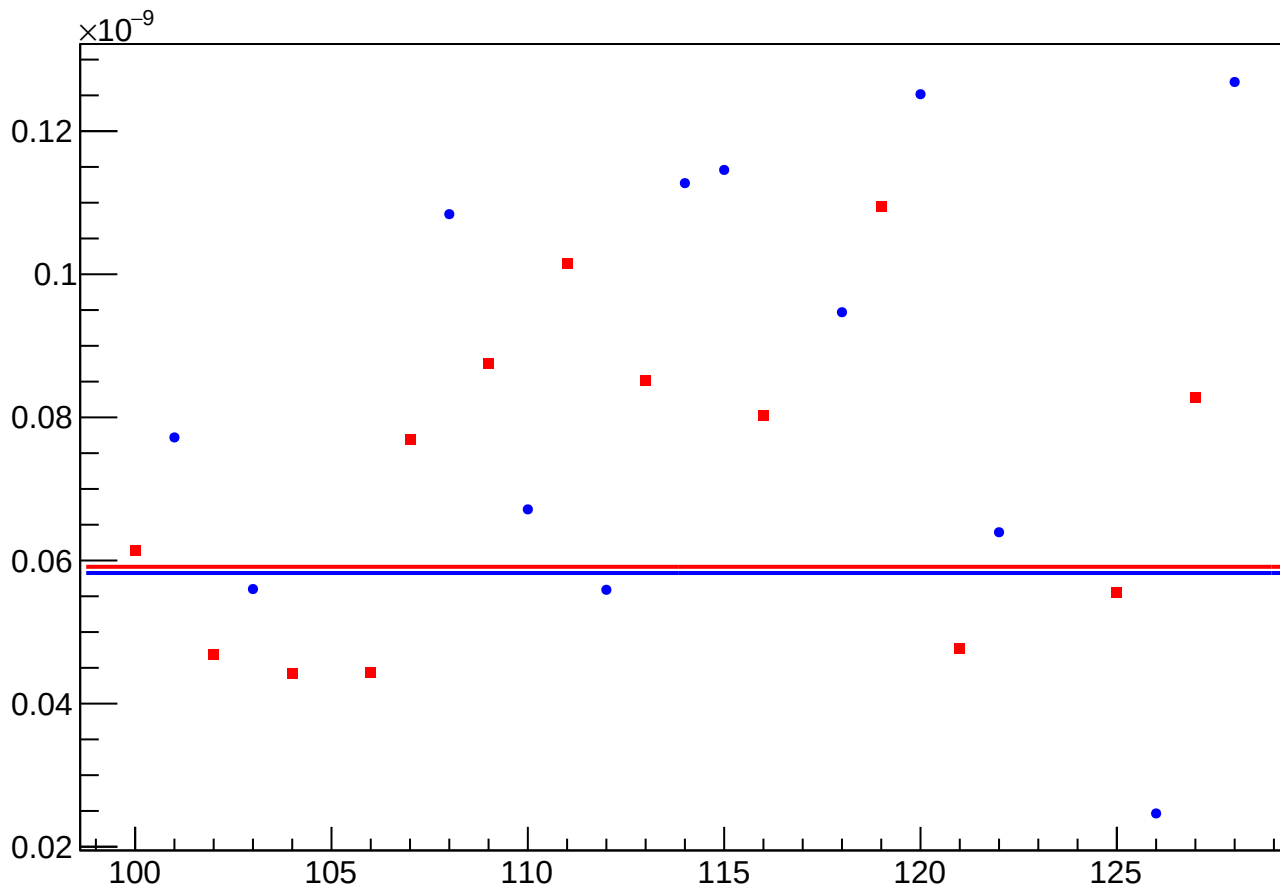
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1070395.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 690778.1/12

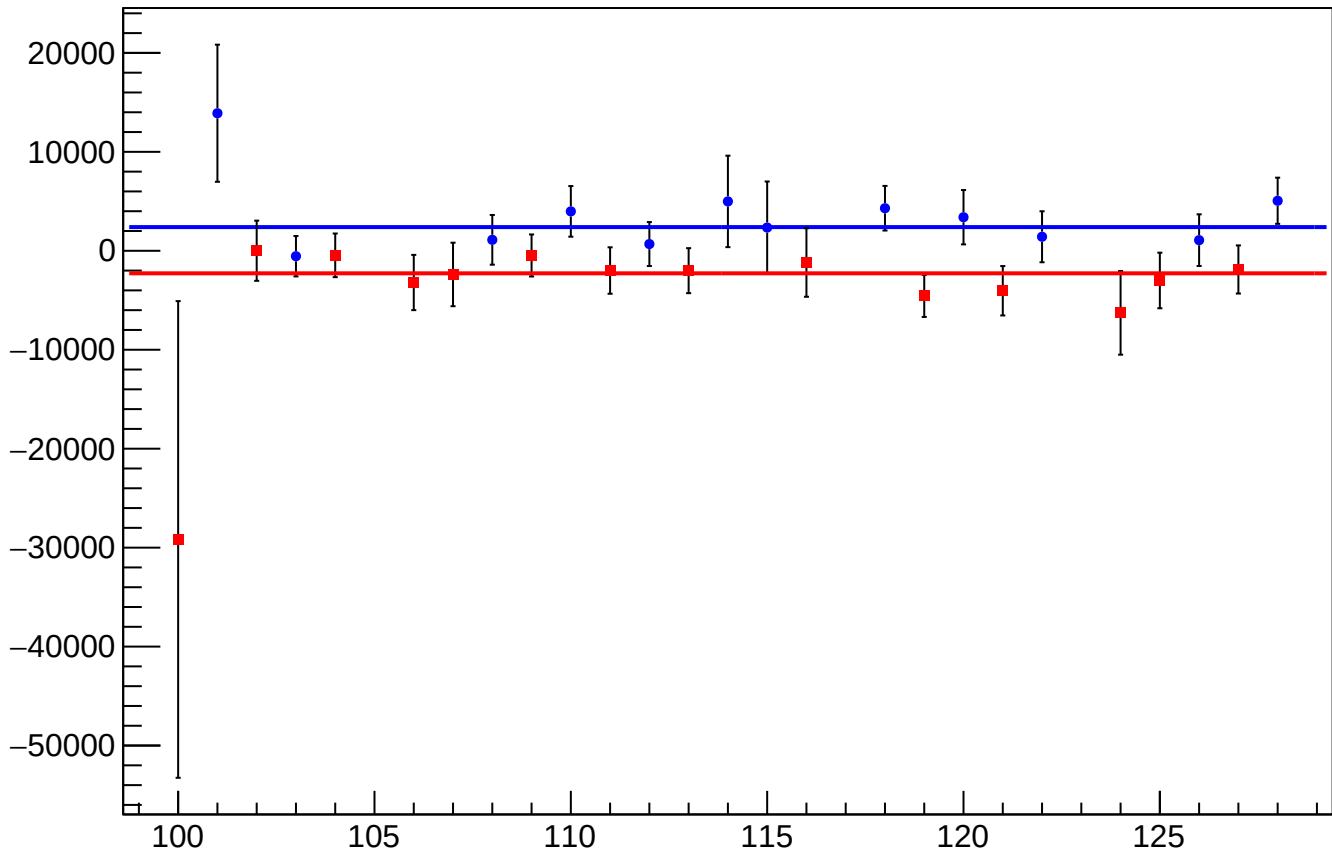
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1761757.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_avg_mean vs Slug



Right In: 2394.887 $\pm$ 771.866 χ^2 /NDF: 8.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2276.242 $\pm$ 715.296 χ^2 /NDF: 6.1/13

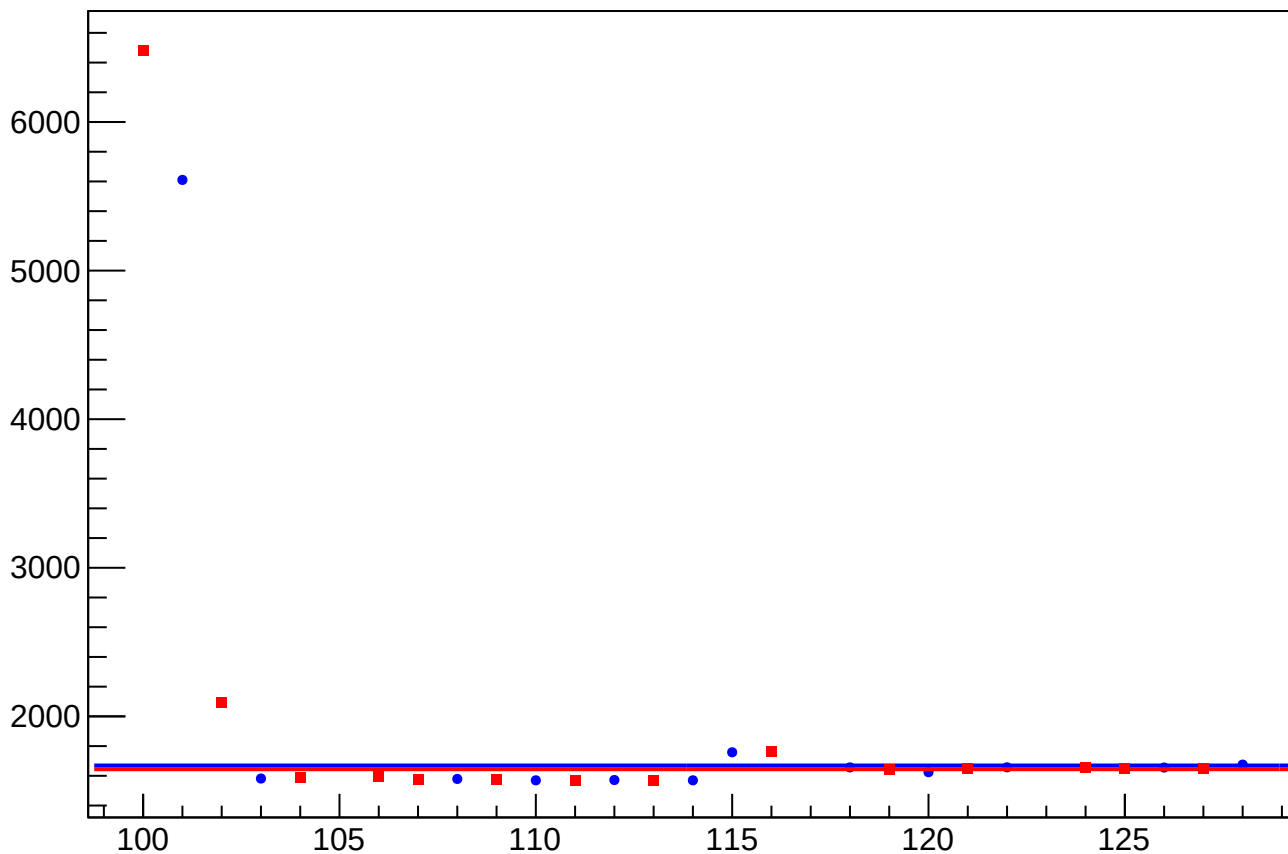
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -118.105 $\pm$ 524.651 χ^2 /NDF: 34.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_avg_rms vs Slug



Right In: 1669.335+/-0.546 χ^2/NDF : 662570.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1644.441+/-0.506 χ^2/NDF : 136387.4/13

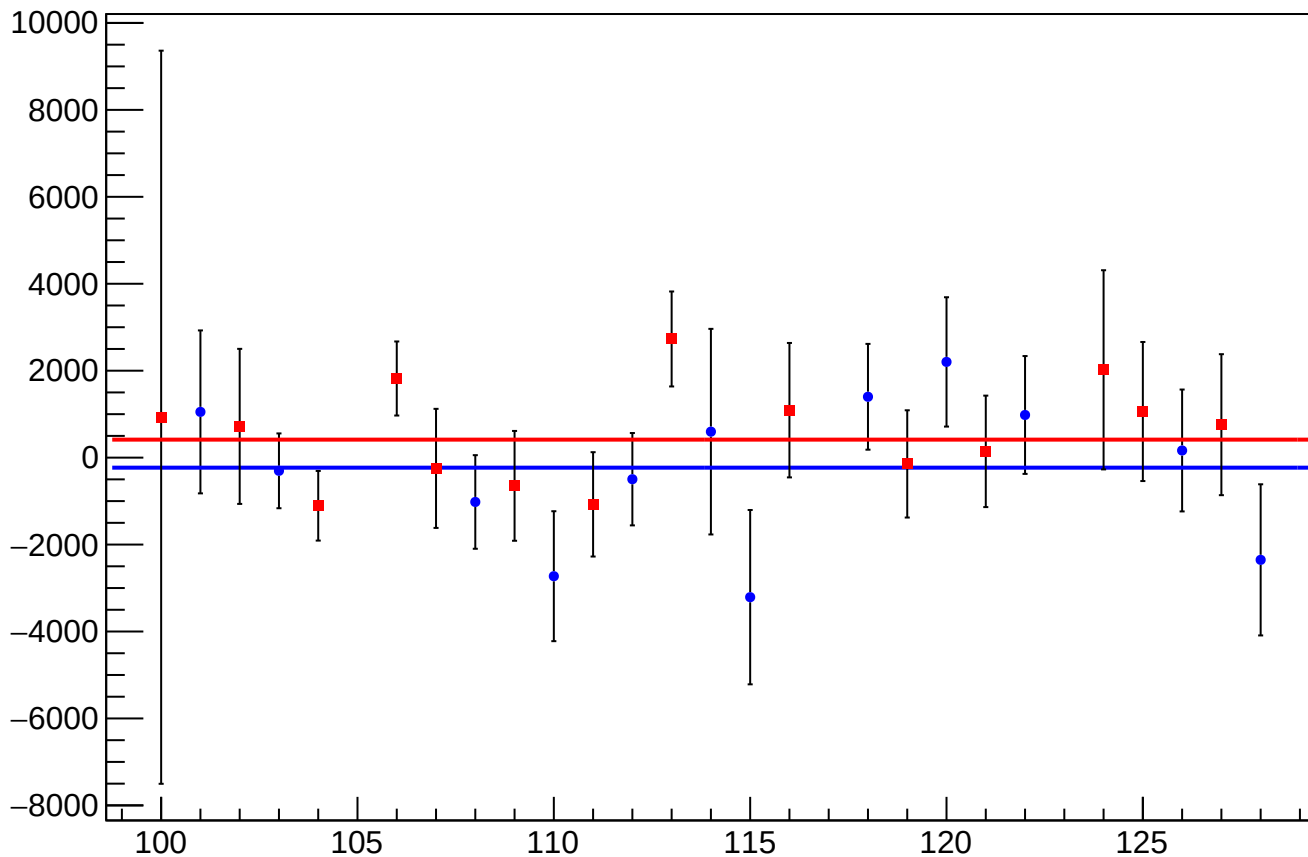
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1655.942+/-0.371 χ^2/NDF : 800076.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_reg_correction_mean vs Slug



Right In: -230.727+/-384.338 χ^2 /NDF: 13.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 414.101+/-340.965 χ^2 /NDF: 14.5/13

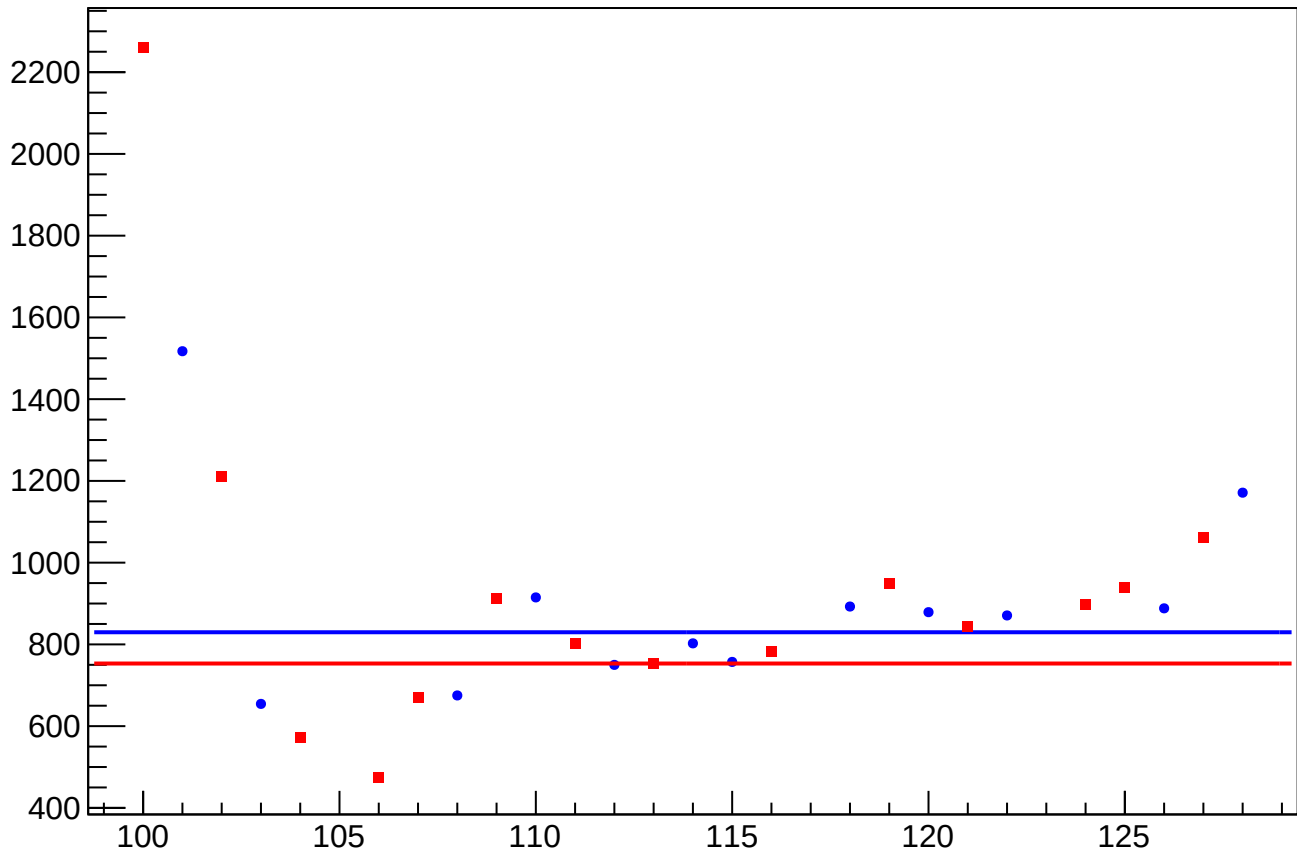
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 130.110+/-255.060 χ^2 /NDF: 29.1/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_reg_correction_rms vs Slug



Right In: 829.713+/-0.272 χ^2/NDF : 504037.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 753.220+/-0.241 χ^2/NDF : 723197.7/13

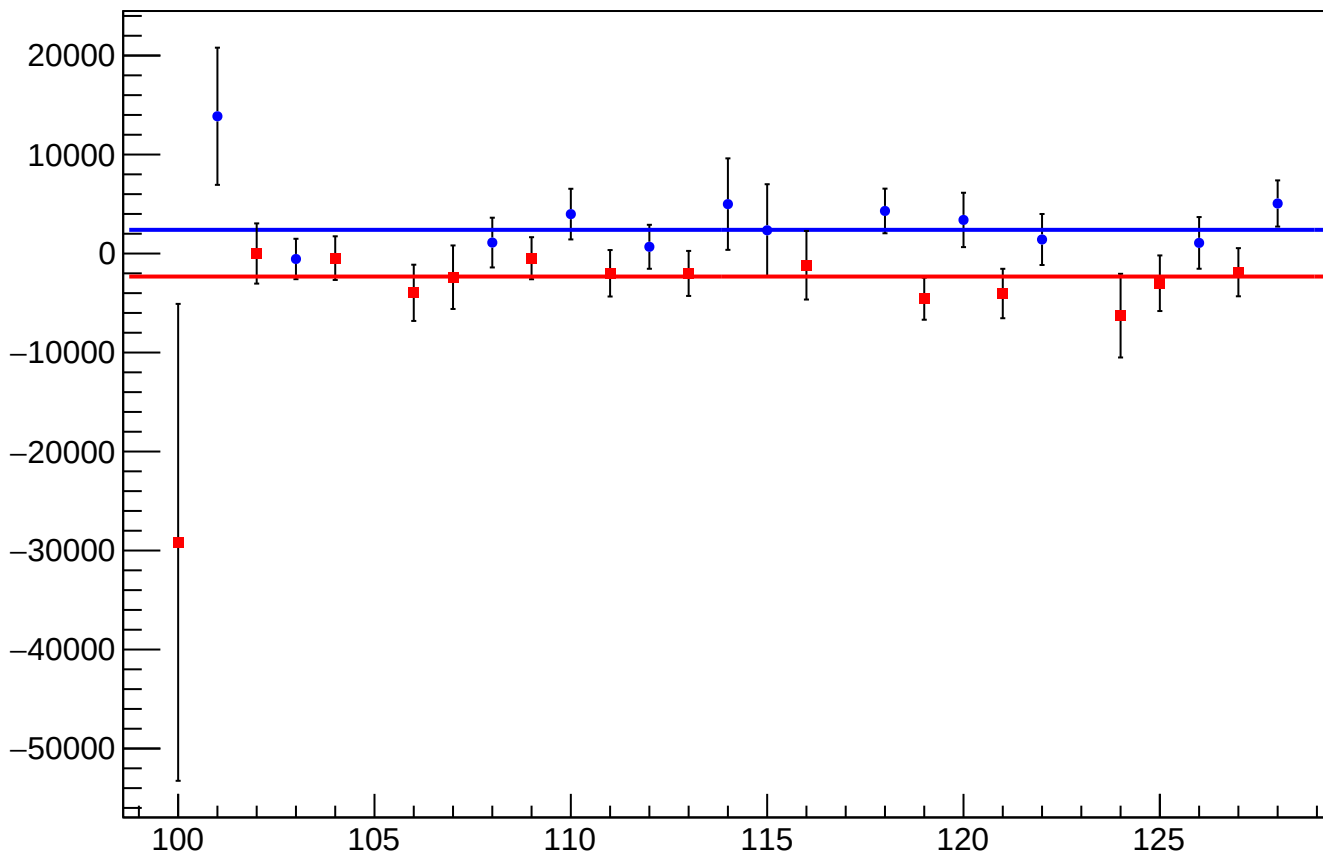
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 786.908+/-0.180 χ^2/NDF : 1271566.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr1_avg_mean vs Slug



Right In: 2394.152+/-771.866 χ^2/NDF : 8.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2323.174+/-716.106 χ^2/NDF : 6.3/13

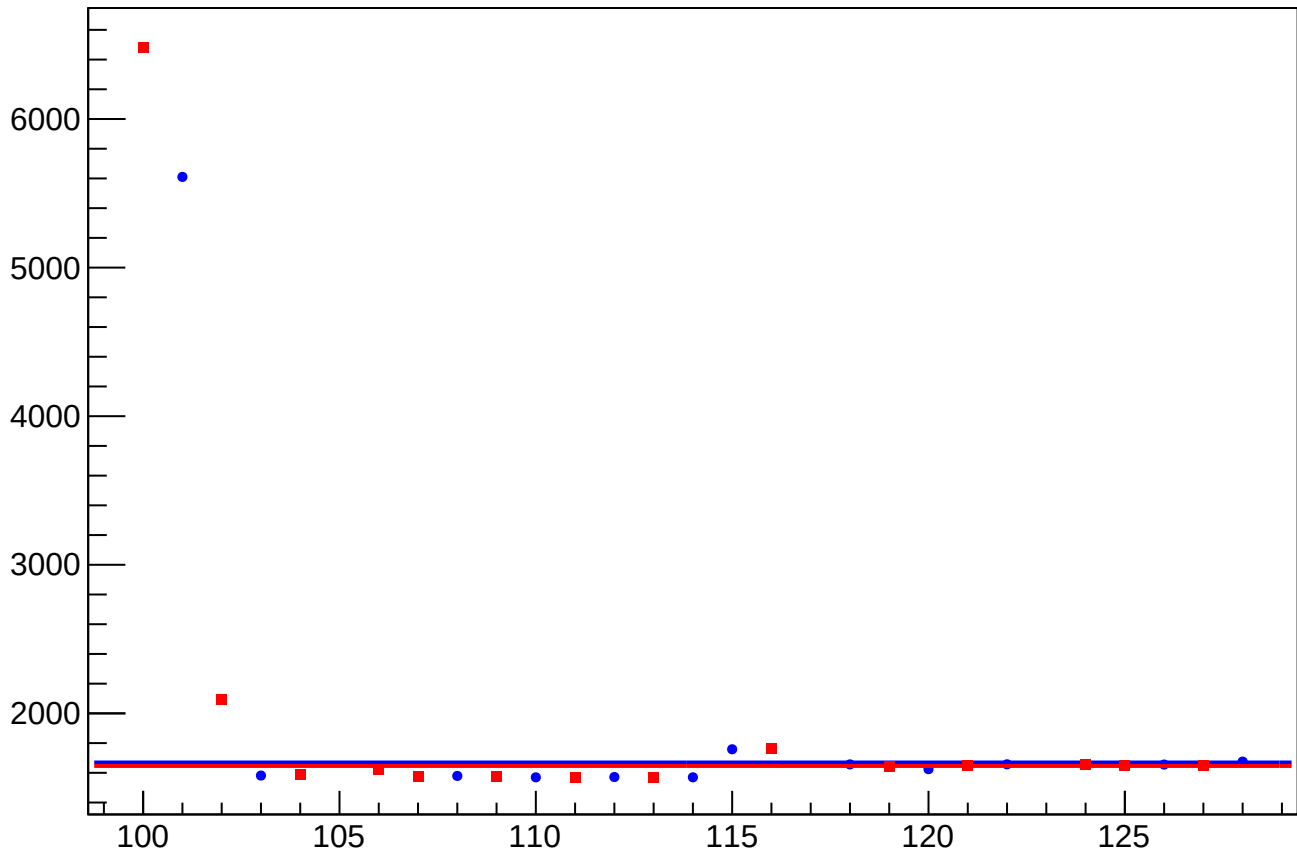
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -141.040+/-524.970 χ^2/NDF : 35.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr1_avg_rms vs Slug



Right In: 1669.335 $\pm$ 0.546 χ^2 /NDF: 662569.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1646.240 $\pm$ 0.506 χ^2 /NDF: 135855.0/13

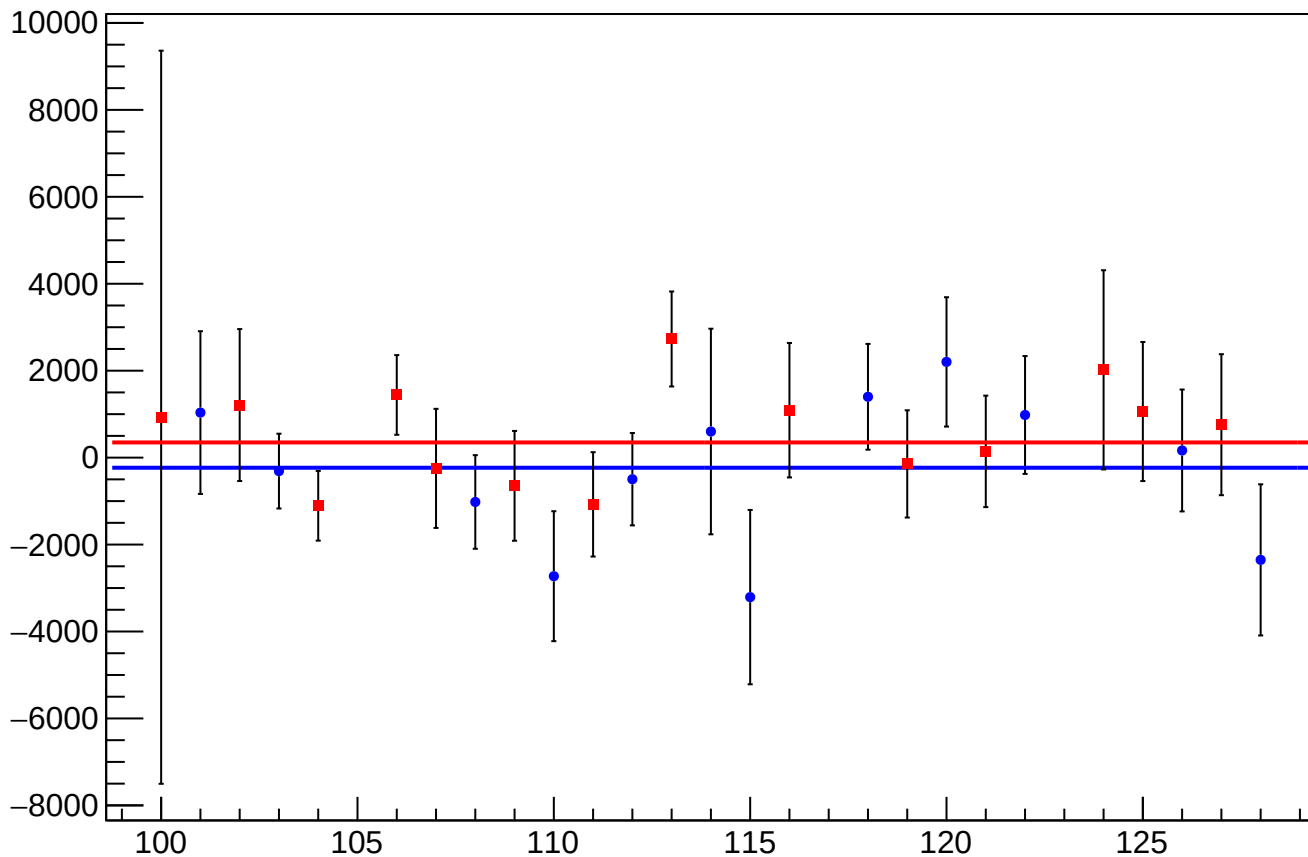
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1656.923 $\pm$ 0.371 χ^2 /NDF: 799386.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_cor_correction_mean vs Slug



Right In: -232.459+/-384.274 χ^2/NDF : 13.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 349.197+/-344.559 χ^2/NDF : 13.1/13

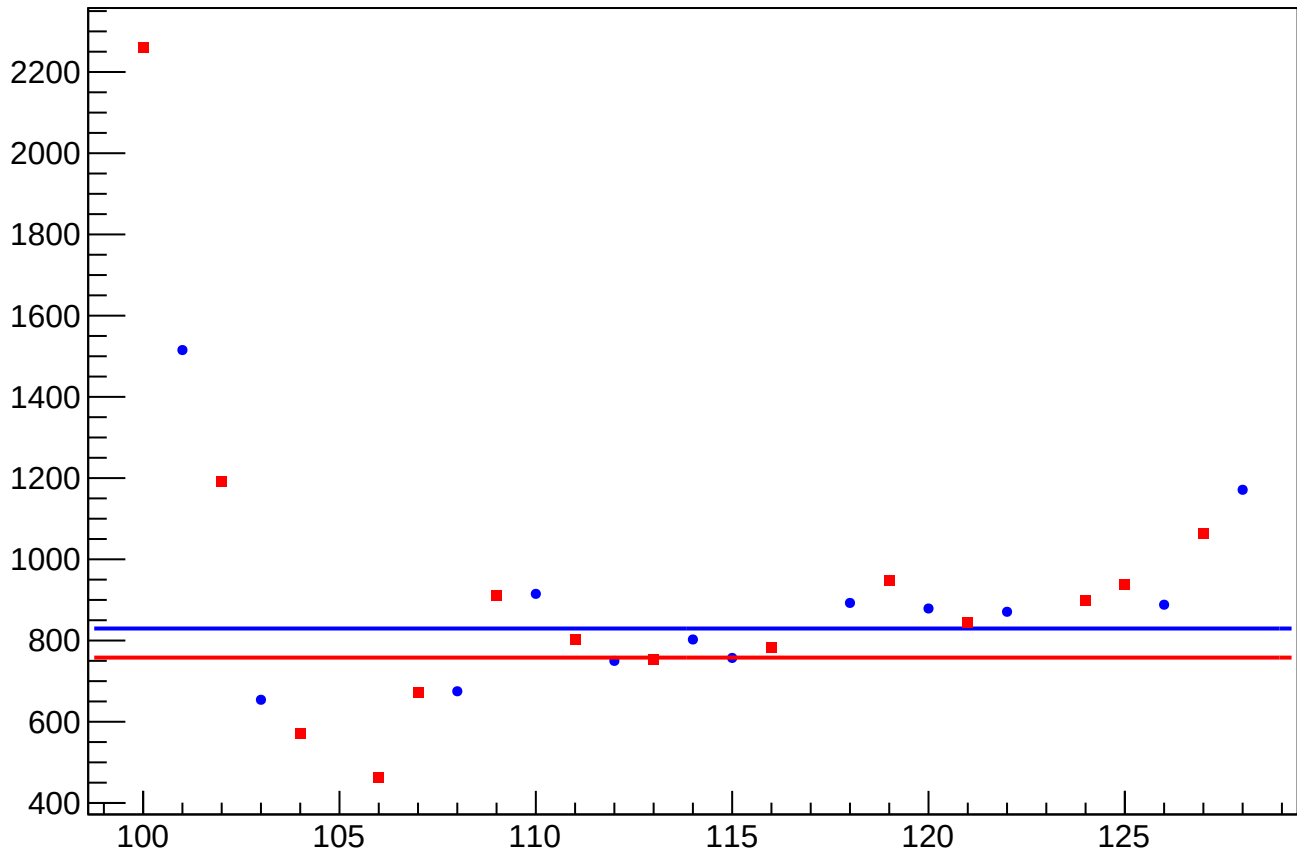
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.970+/-256.536 χ^2/NDF : 27.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_cor_correction_rms vs Slug



Right In: 829.609+/-0.272 χ^2/NDF : 503607.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 757.994+/-0.244 χ^2/NDF : 702511.1/13

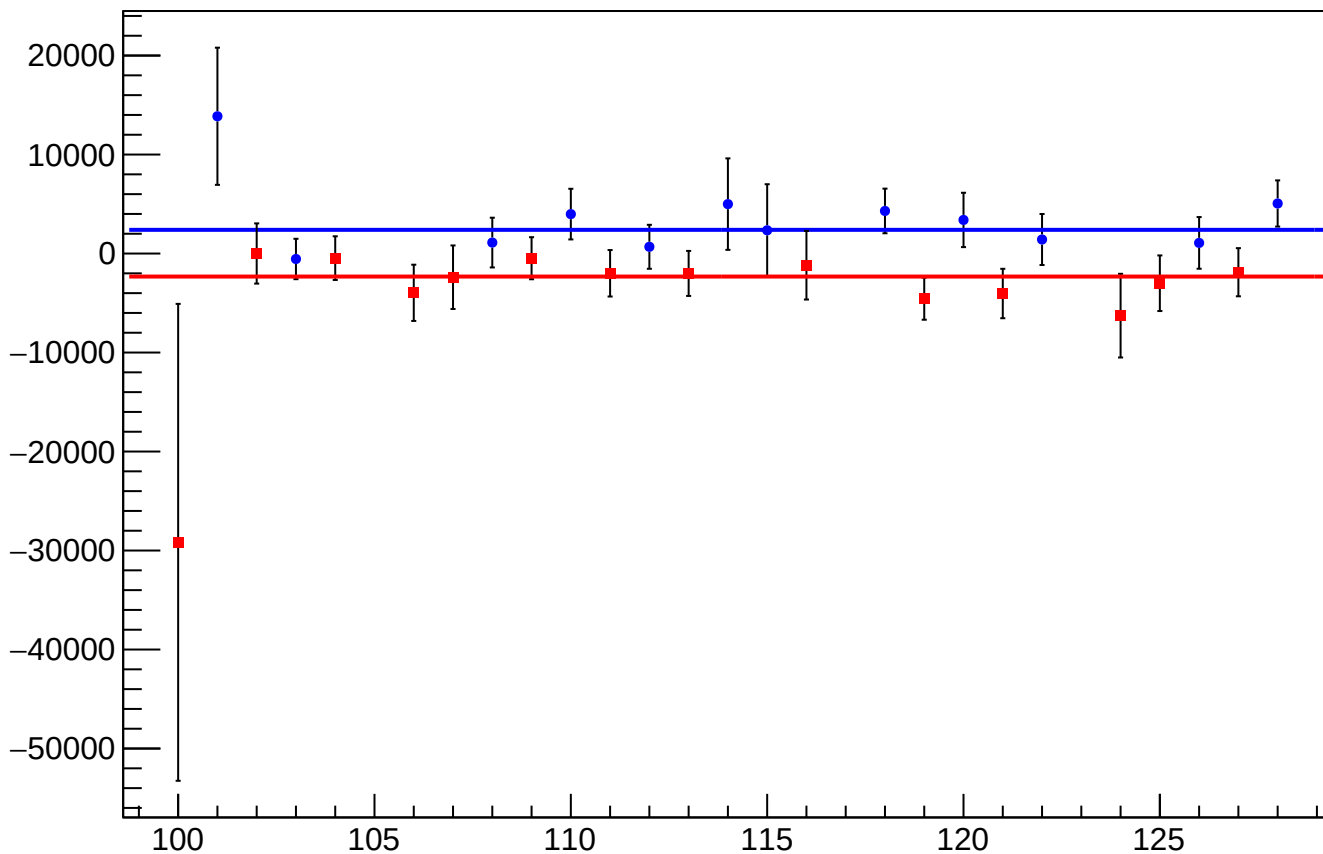
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 789.910+/-0.181 χ^2/NDF : 1244624.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr1_avg_mean vs Slug



Right In: 2394.152+/-771.866 χ^2/NDF : 8.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2323.174+/-716.106 χ^2/NDF : 6.3/13

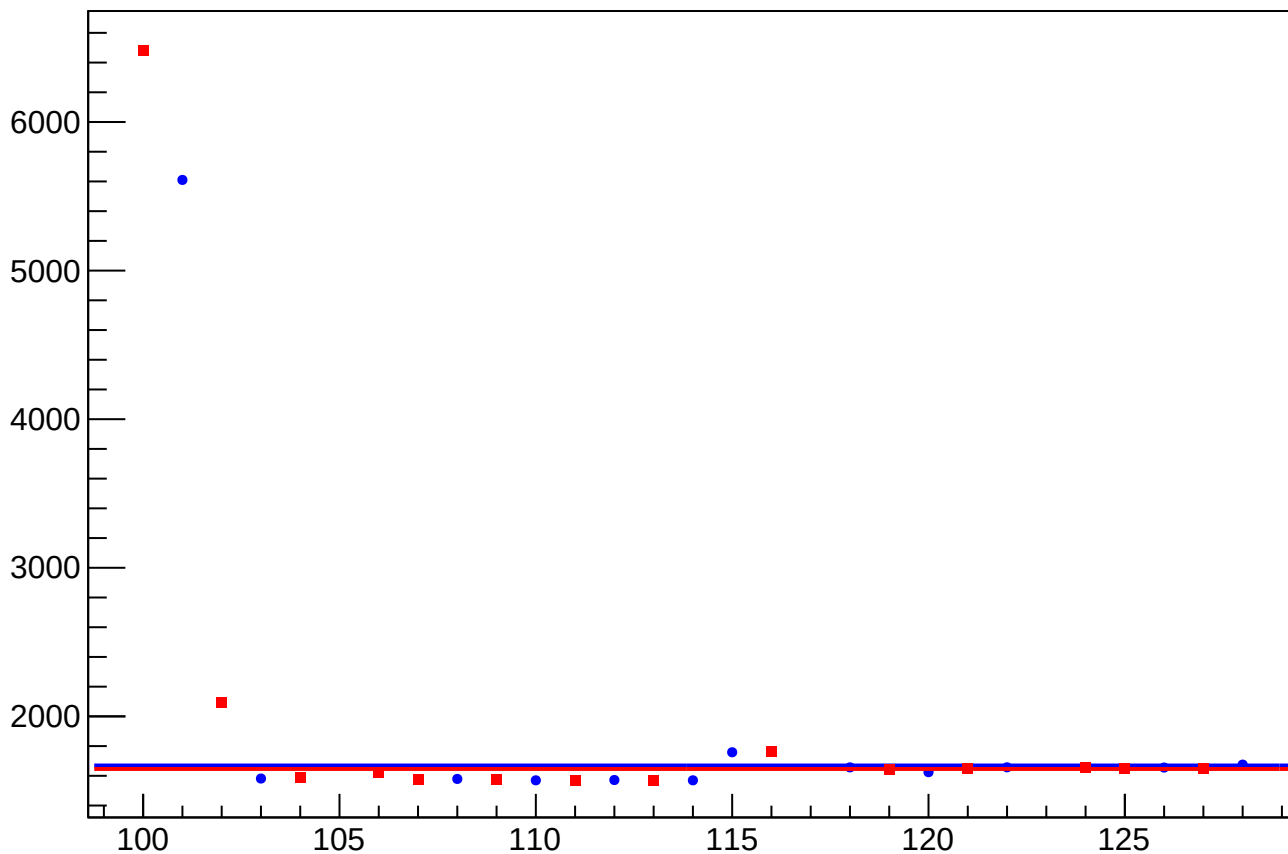
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -141.040+/-524.970 χ^2/NDF : 35.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr1_avg_rms vs Slug



Right In: 1669.335+/-0.546 χ^2/NDF : 662569.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1646.240+/-0.506 χ^2/NDF : 135855.0/13

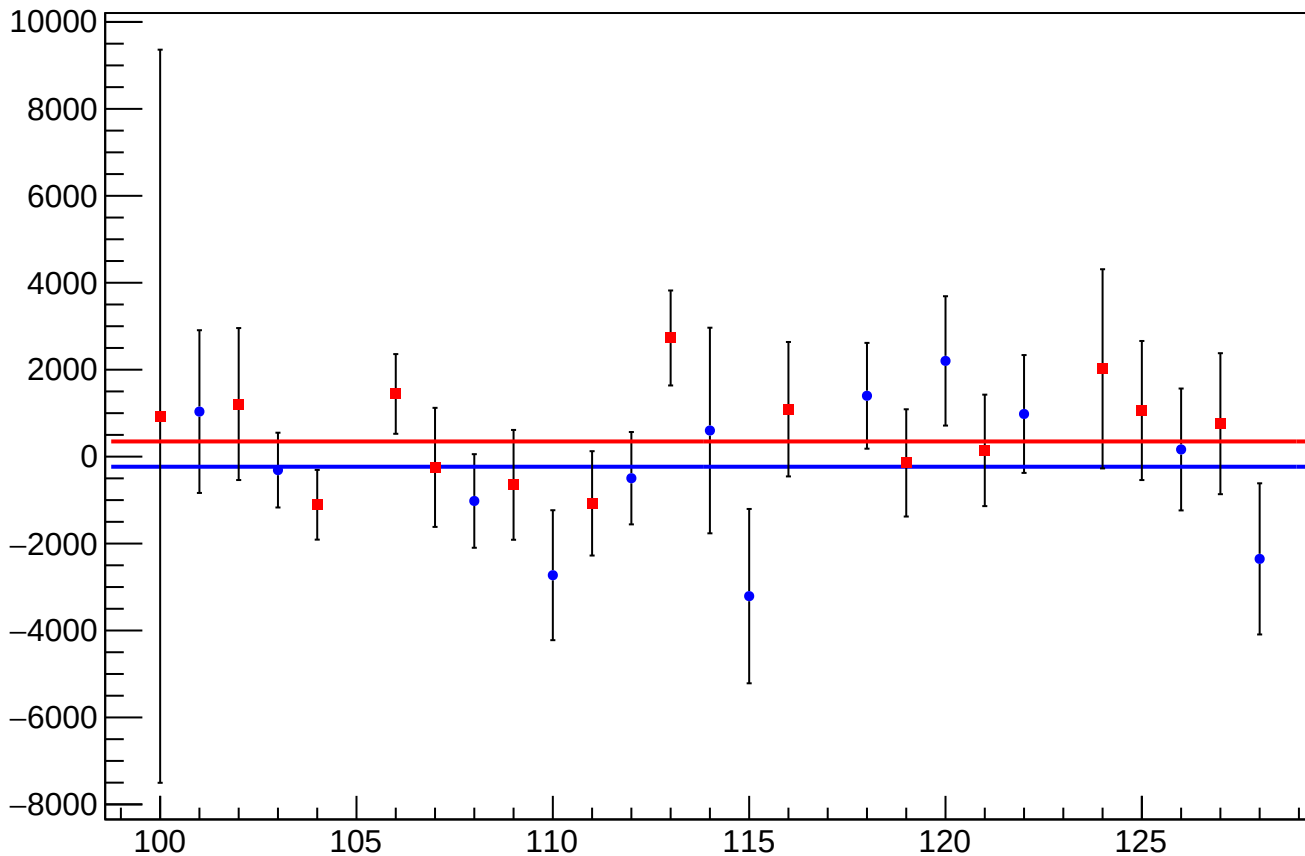
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1656.923+/-0.371 χ^2/NDF : 799386.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_cor_correction_mean vs Slug



Right In: -232.459+/-384.274 χ^2/NDF : 13.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 349.197+/-344.559 χ^2/NDF : 13.1/13

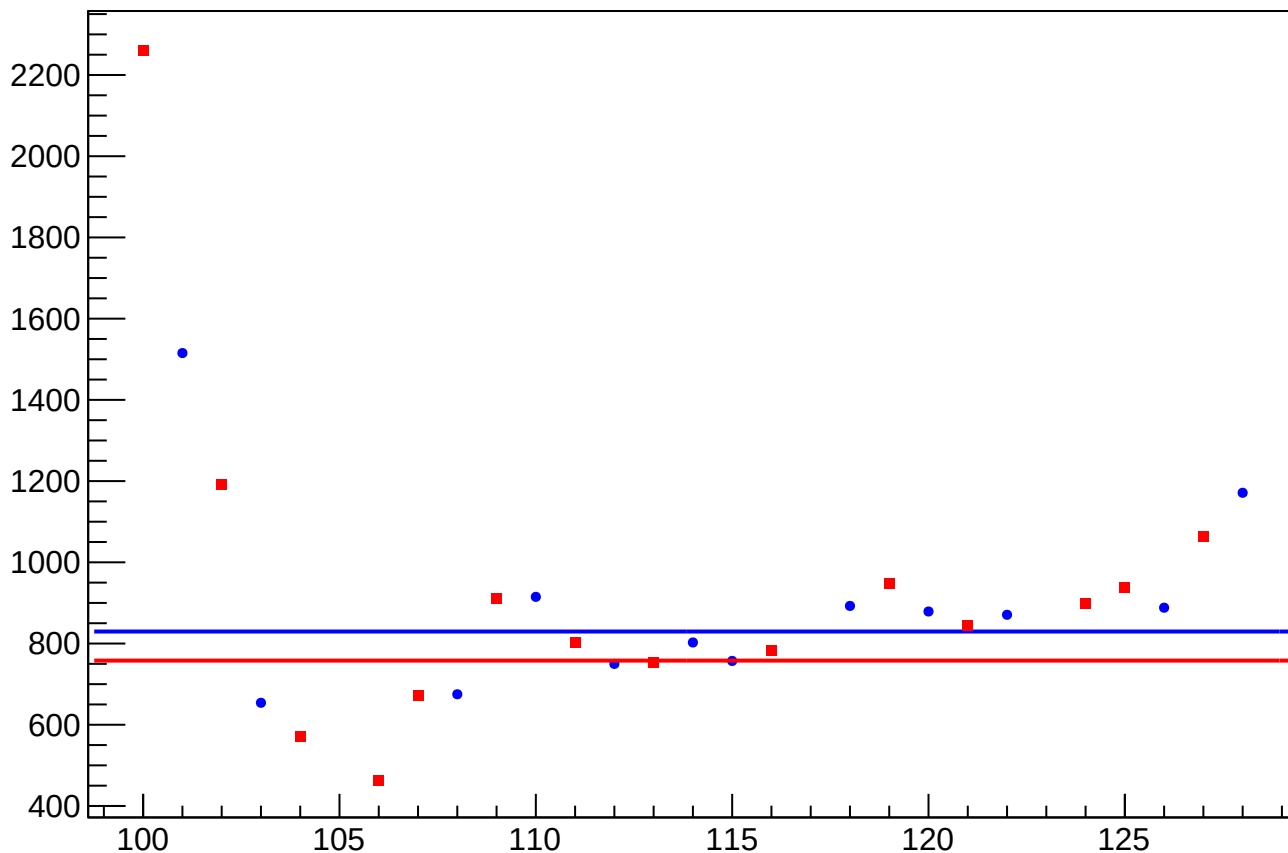
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.970+/-256.536 χ^2/NDF : 27.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_cor_correction_rms vs Slug



Right In: 829.609+/-0.272 χ^2/NDF : 503607.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 757.994+/-0.244 χ^2/NDF : 702511.1/13

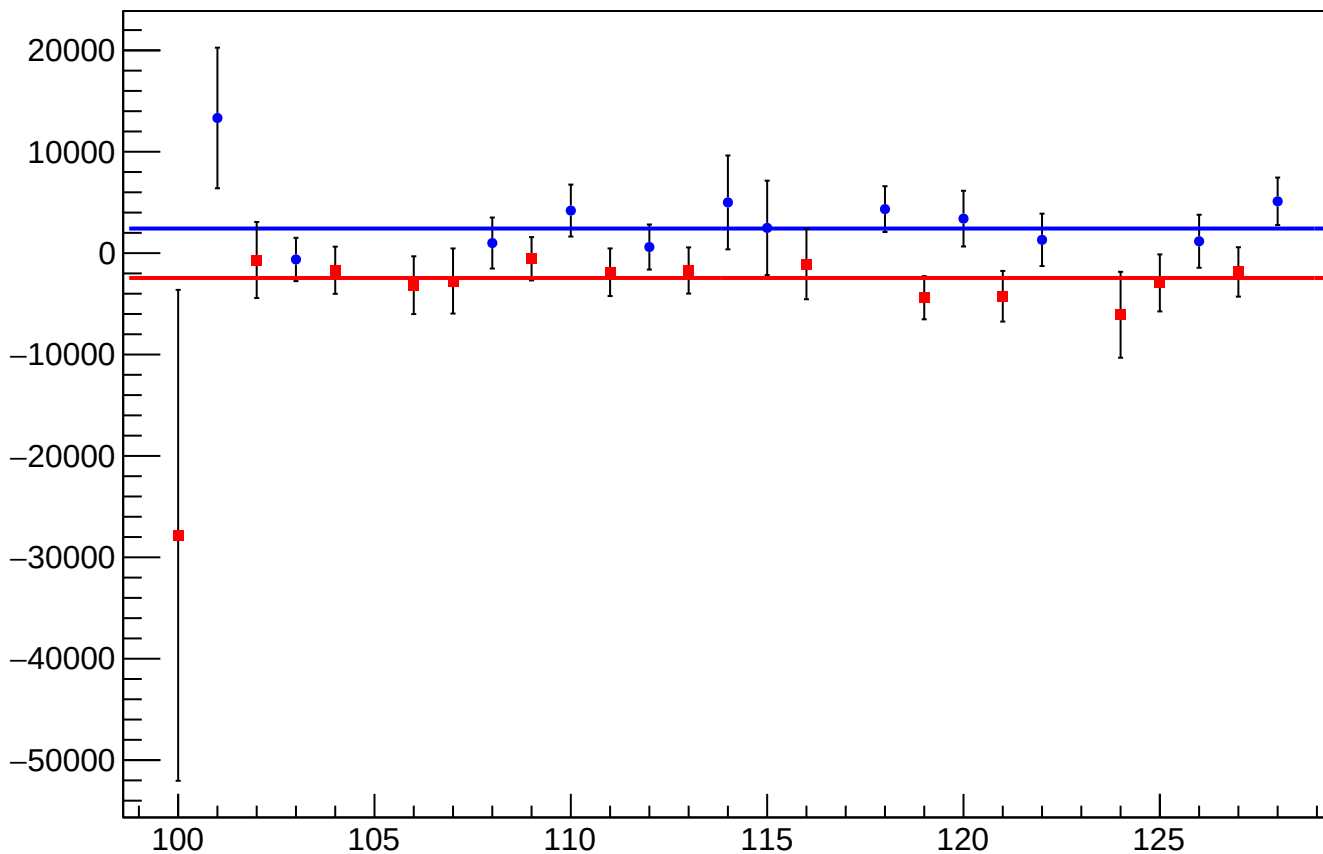
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 789.910+/-0.181 χ^2/NDF : 1244624.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr1_avg_mean vs Slug



Right In: 2426.516+/-777.747 χ^2/NDF : 8.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2449.357+/-728.255 χ^2/NDF : 4.8/13

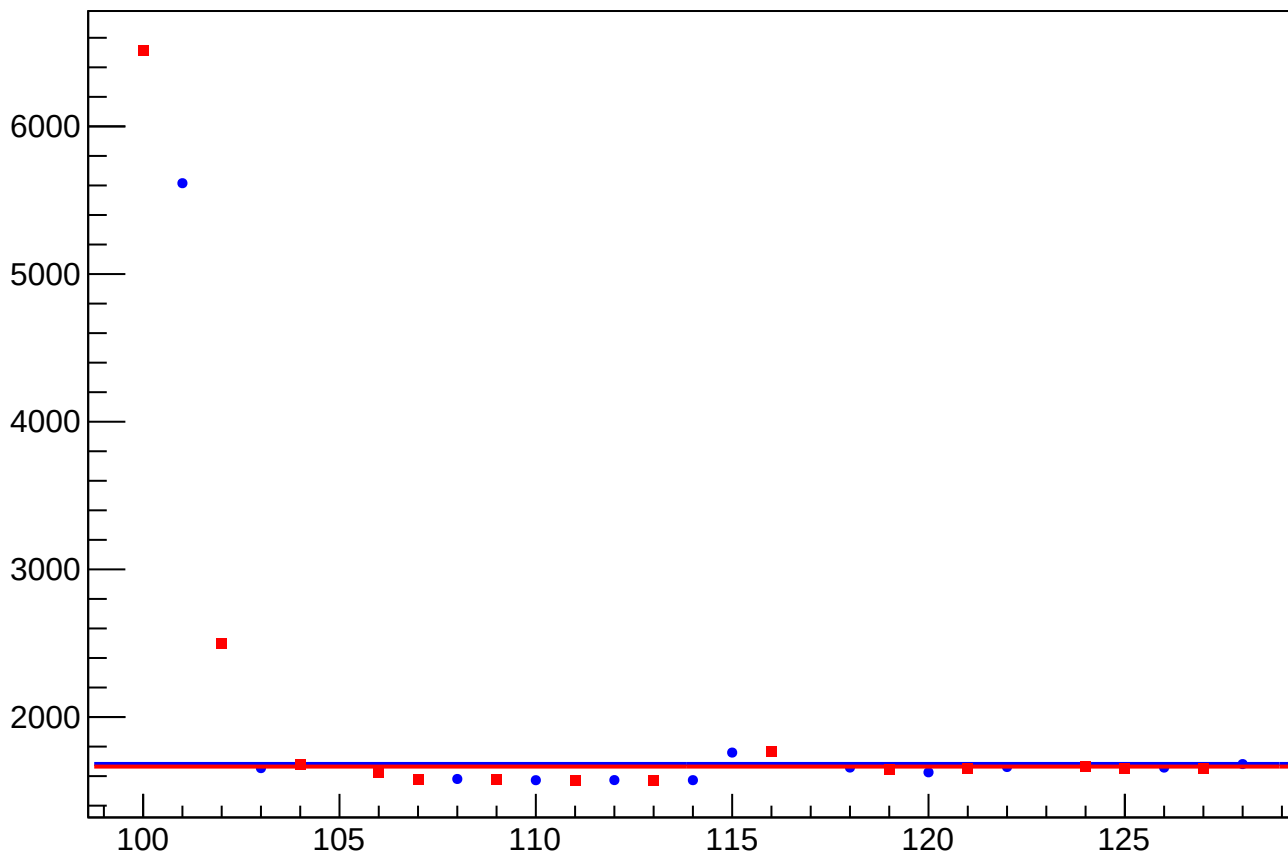
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -171.485+/-531.590 χ^2/NDF : 34.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr1_avg_rms vs Slug



Right In: 1682.387+/-0.550 χ^2/NDF : 658418.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1664.531+/-0.515 χ^2/NDF : 192352.8/13

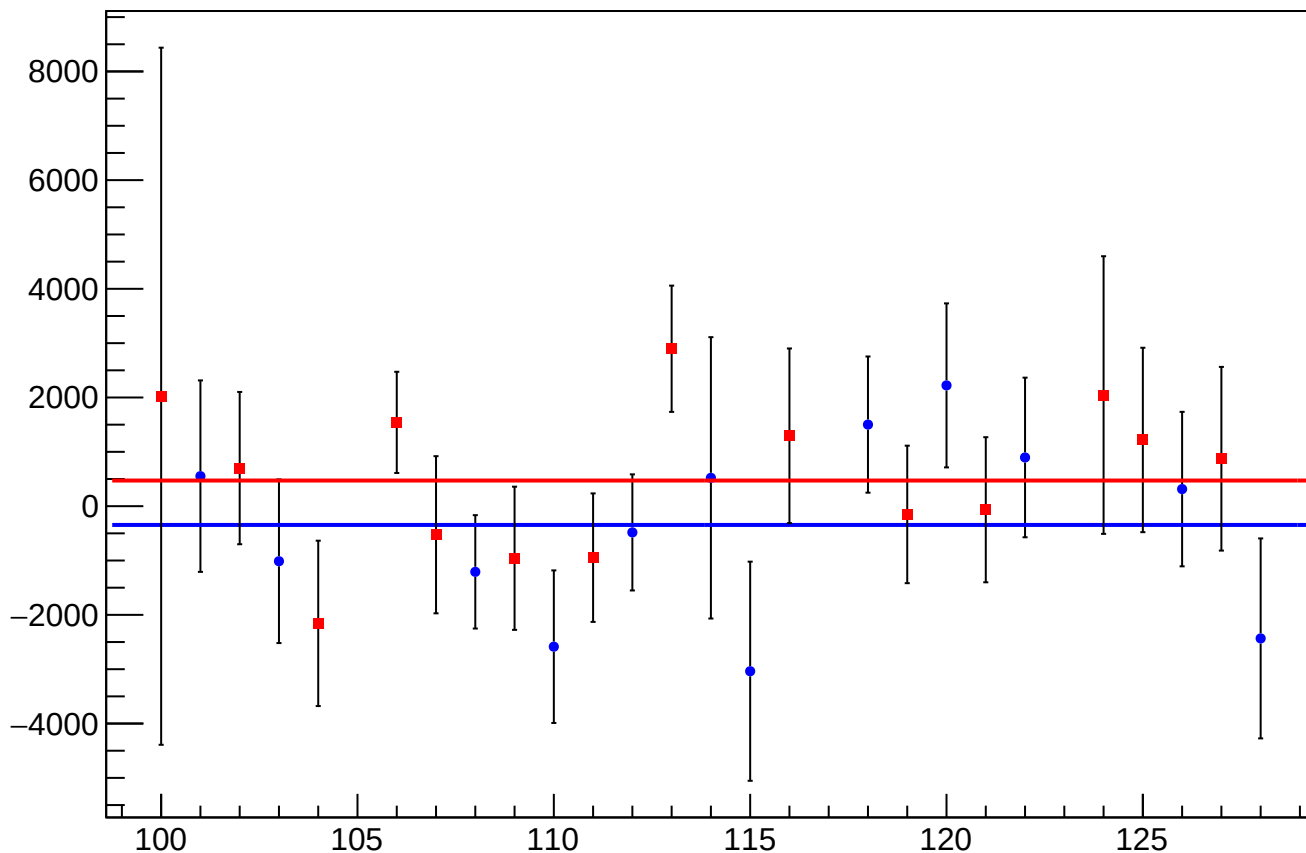
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1672.873+/-0.376 χ^2/NDF : 851332.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_dit_correction_mean vs Slug



Right In: -345.133+/-415.563 χ^2/NDF : 12.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 471.930+/-376.538 χ^2/NDF : 13.1/13

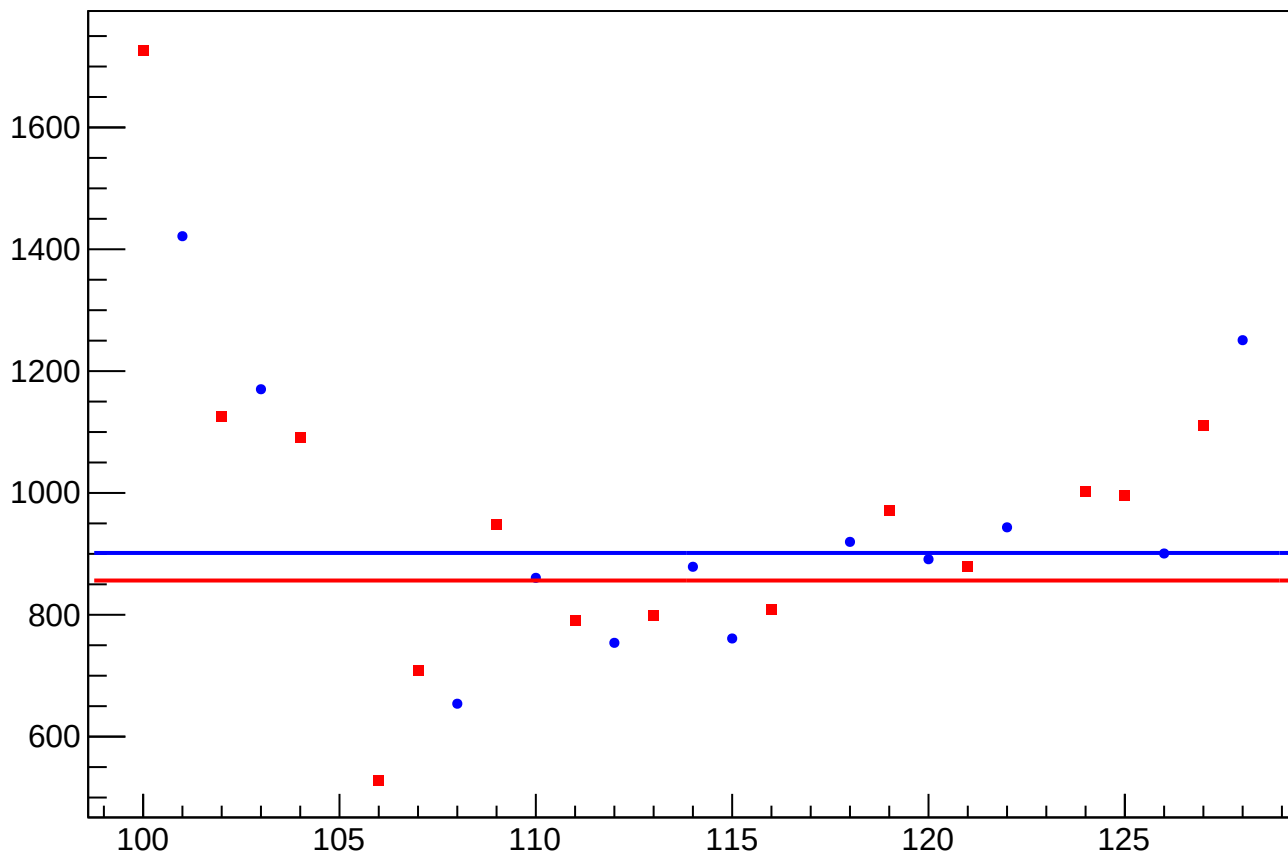
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.556+/-279.032 χ^2/NDF : 28.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_dit_correction_rms vs Slug



Right In: 901.514 $\pm$ 0.294 χ^2 /NDF: 474416.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 856.265 $\pm$ 0.266 χ^2 /NDF: 532368.4/13

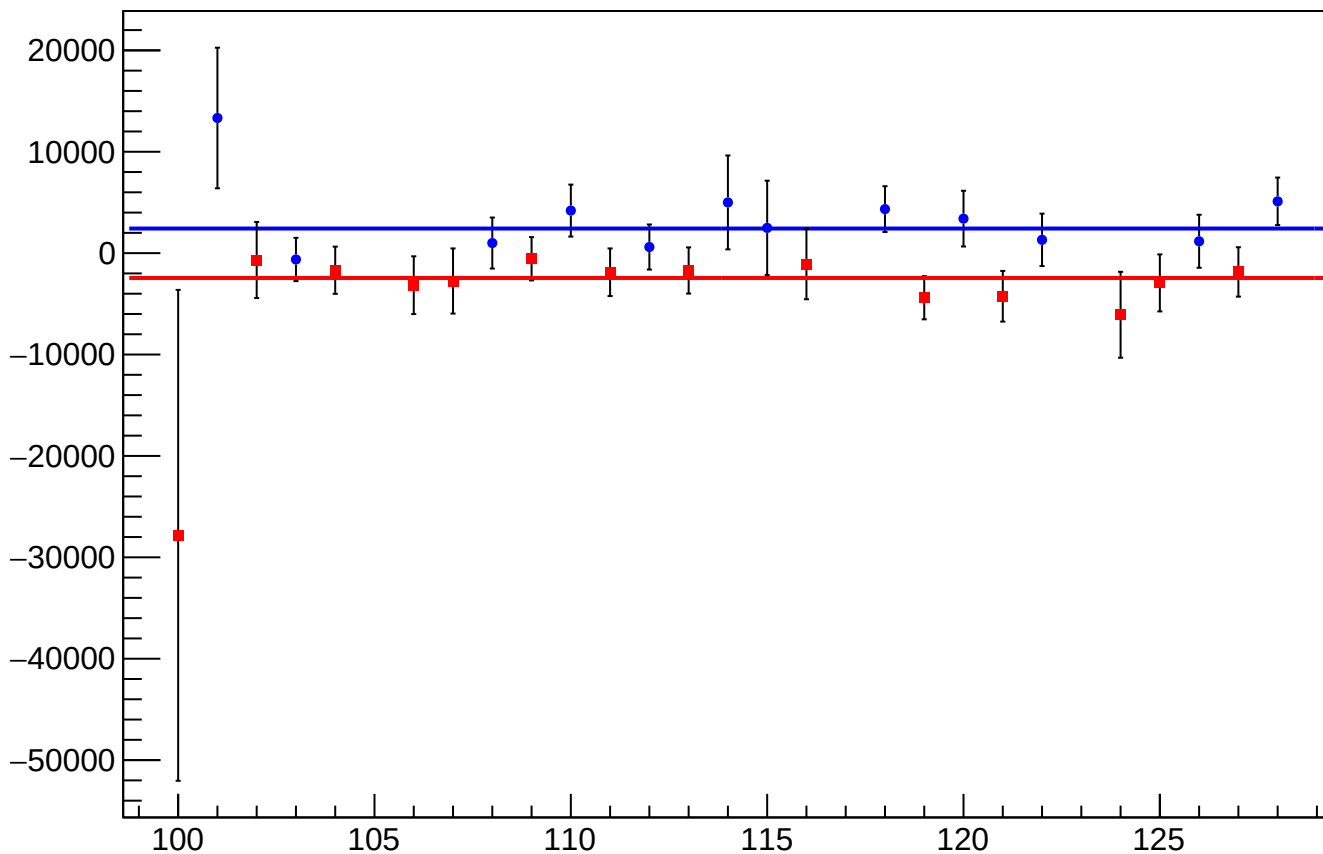
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 876.666 $\pm$ 0.197 χ^2 /NDF: 1019806.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usr_atr1_avg_mean vs Slug



Right In: 2426.519+/-777.747 χ^2/NDF : 8.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2449.357+/-728.255 χ^2/NDF : 4.8/13

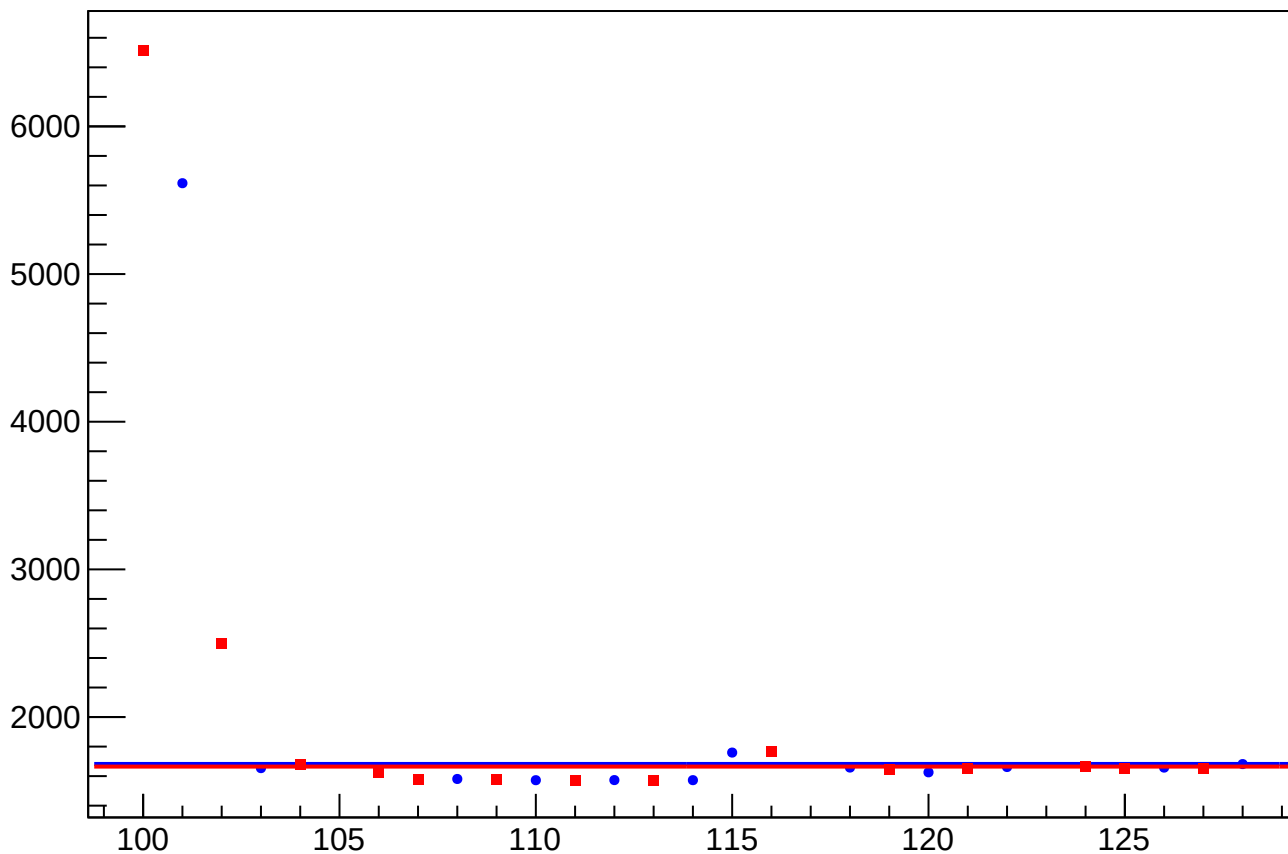
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -171.484+/-531.590 χ^2/NDF : 34.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr1_avg_rms vs Slug



Right In: 1682.387+/-0.550 χ^2/NDF : 658418.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1664.531+/-0.515 χ^2/NDF : 192352.6/13

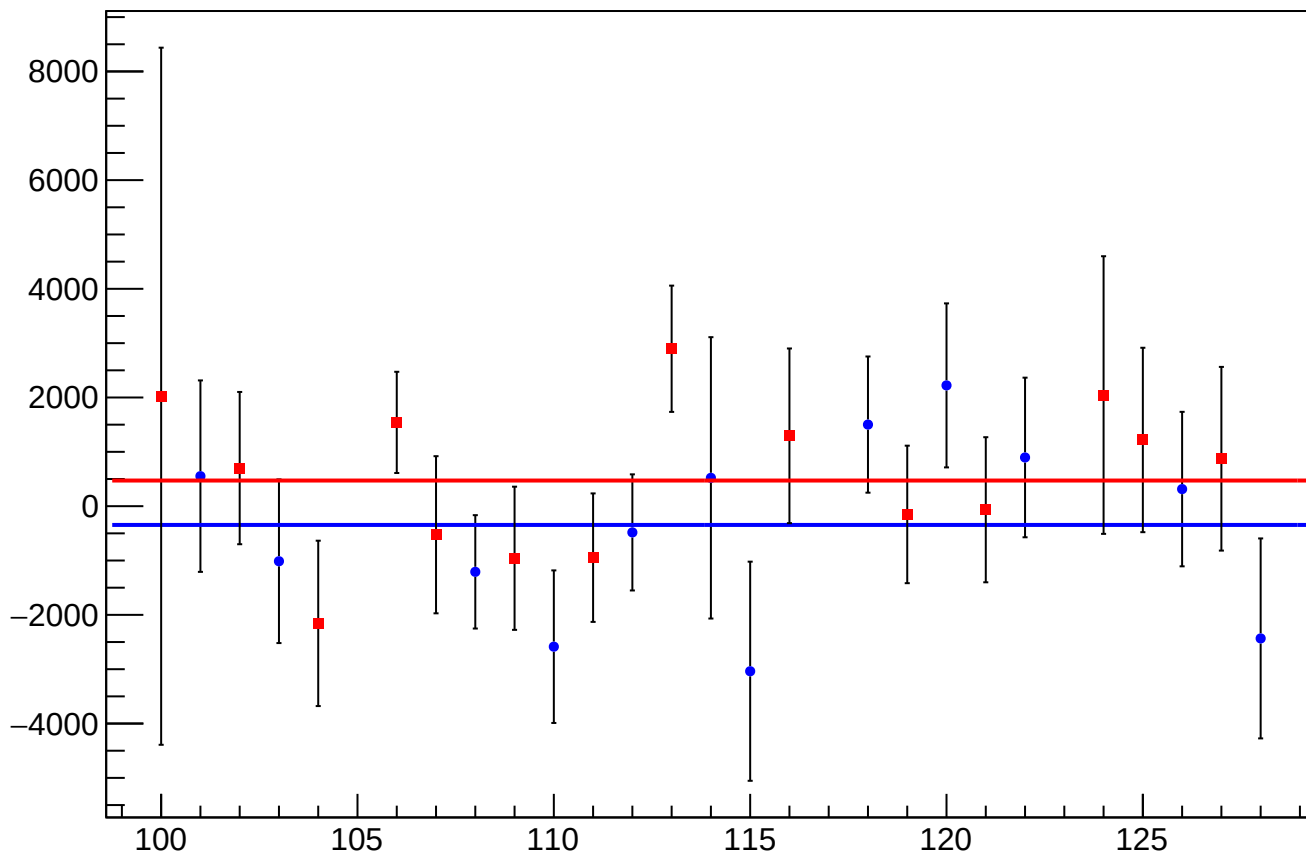
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1672.873+/-0.376 χ^2/NDF : 851332.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_dit_correction_mean vs Slug



Right In: -345.131+/-415.561 χ^2/NDF : 12.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 471.928+/-376.537 χ^2/NDF : 13.1/13

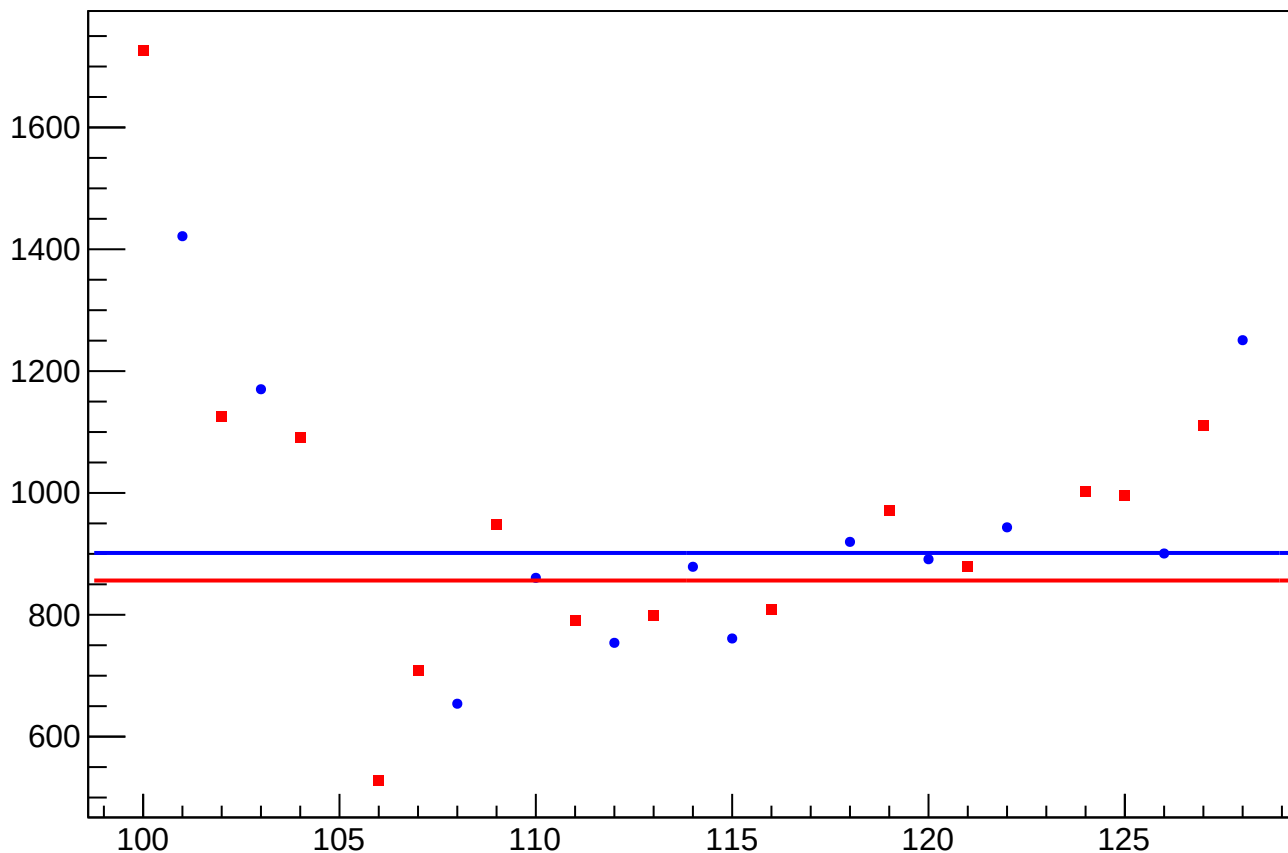
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.555+/-279.031 χ^2/NDF : 28.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_dit_correction_rms vs Slug



Right In: 901.509+/-0.294 χ^2/NDF : 474419.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 856.263+/-0.266 χ^2/NDF : 532364.1/13

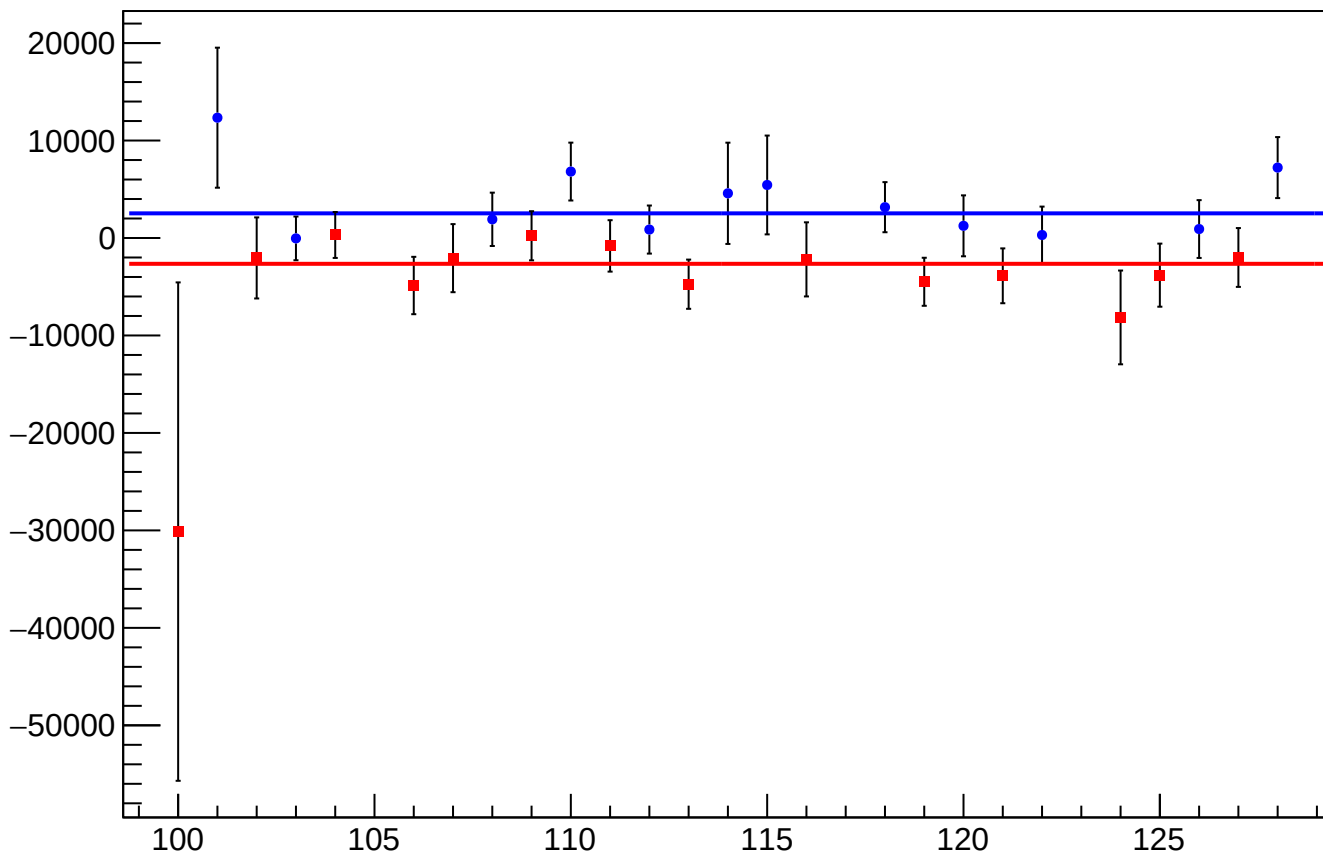
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 876.662+/-0.197 χ^2/NDF : 1019804.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_mean vs Slug



Right In: 2528.980 $\pm$ 879.491 χ^2 /NDF: 9.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2648.644 $\pm$ 815.556 χ^2 /NDF: 8.1/13

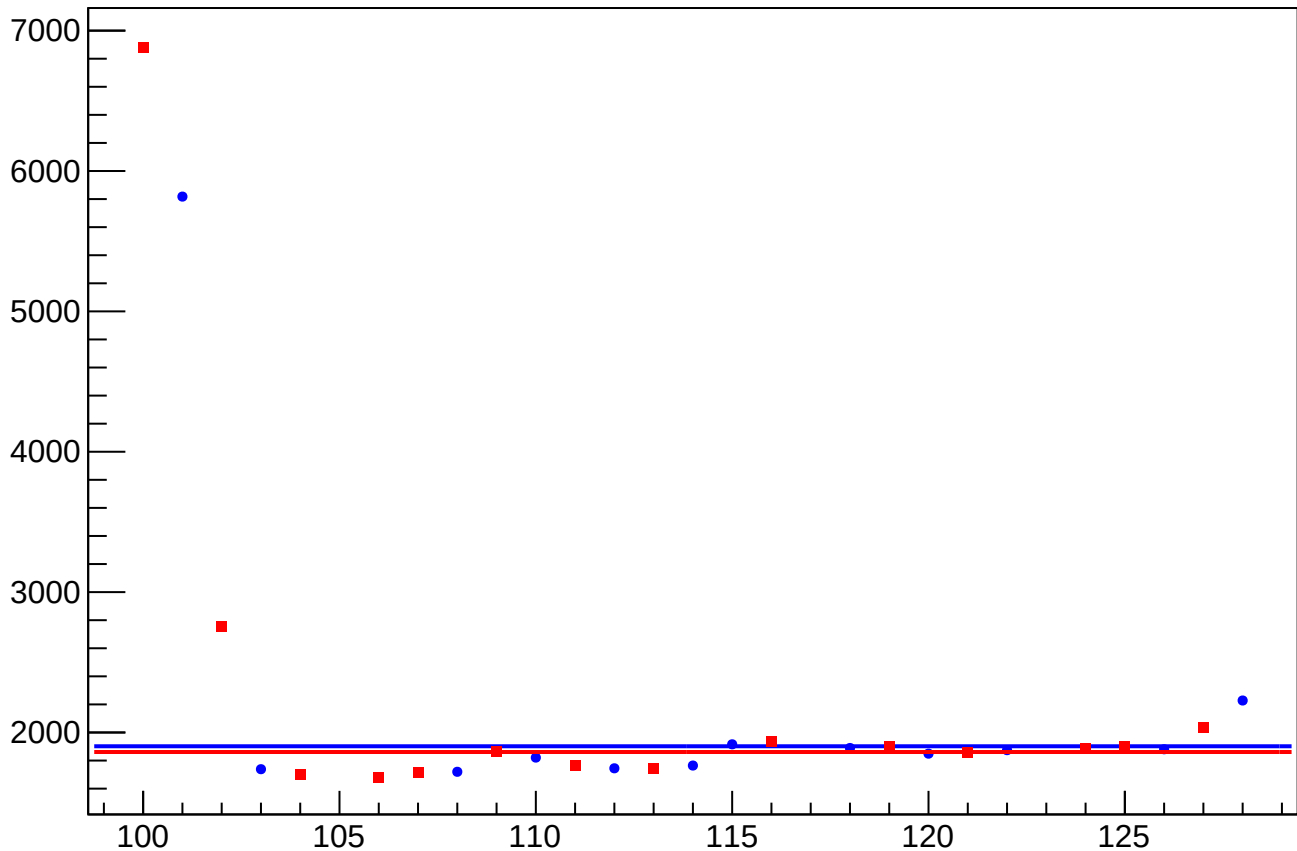
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -254.847 $\pm$ 598.012 χ^2 /NDF: 36.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_rms vs Slug



Right In: 1901.829+/-0.622 χ^2/NDF : 647264.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1860.945+/-0.577 χ^2/NDF : 205896.7/13

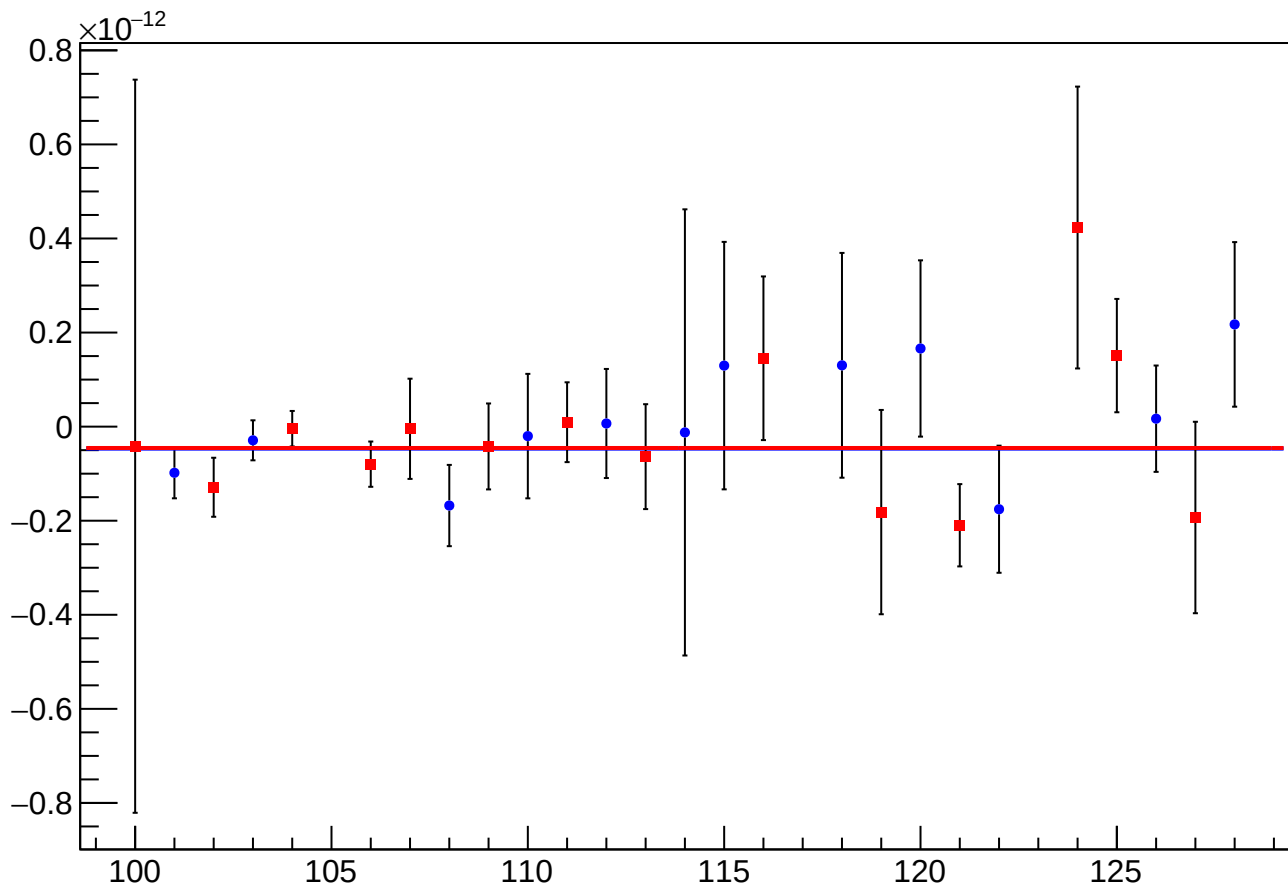
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1879.847+/-0.423 χ^2/NDF : 855484.9/25

- 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: 9.1/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 14.8/13

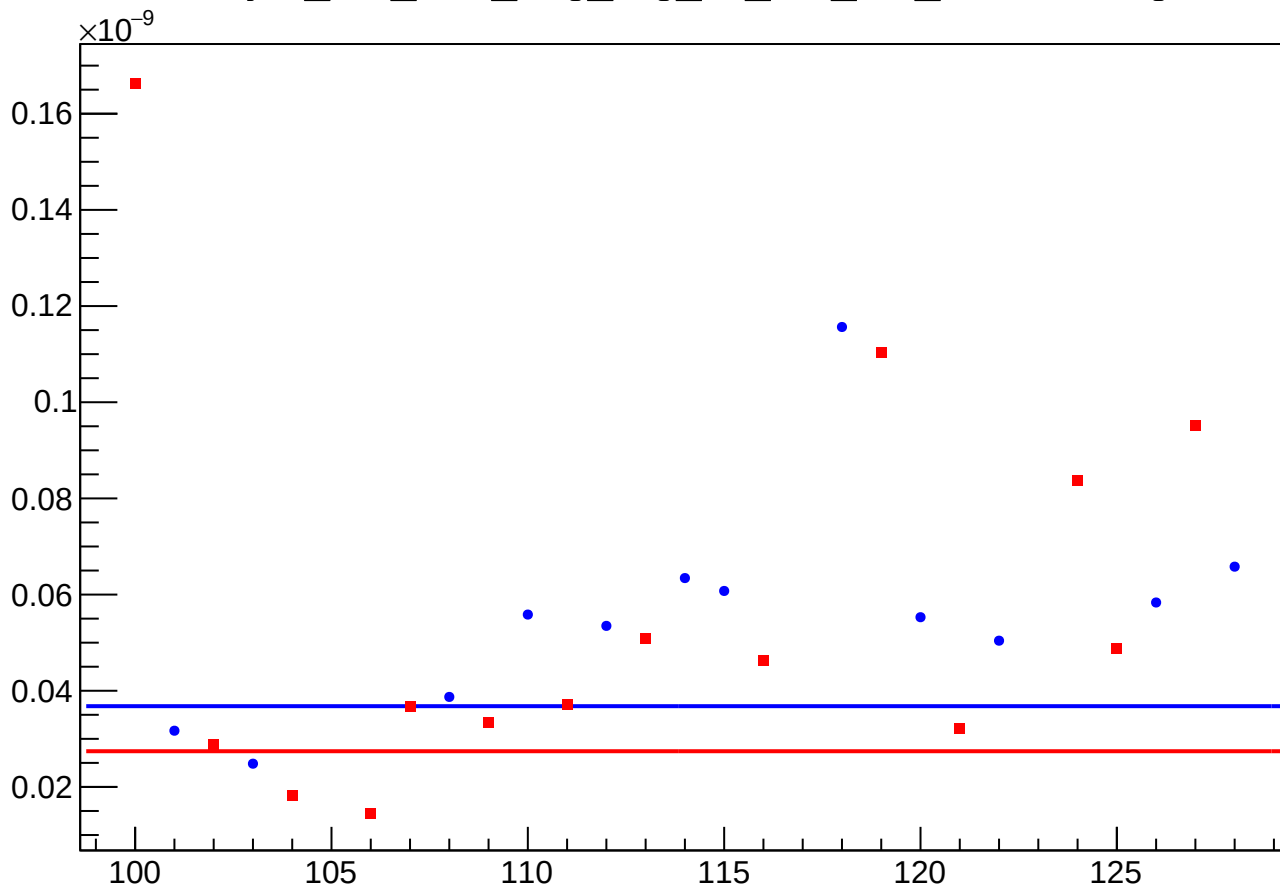
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 23.9/25

- 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 : 668031.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1144337.1/13

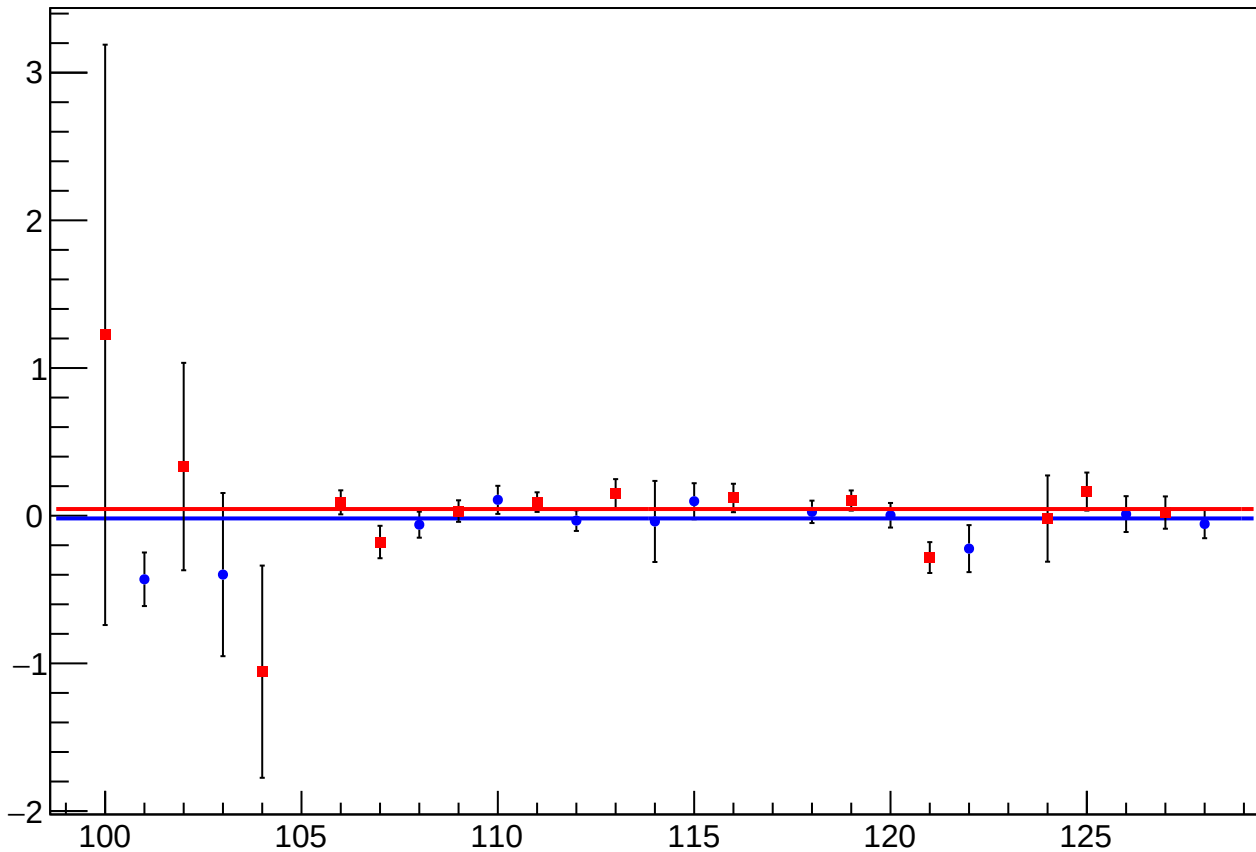
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1959257.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.018 $\pm$ 0.030 χ^2 /NDF: 10.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.045 $\pm$ 0.027 χ^2 /NDF: 21.0/13

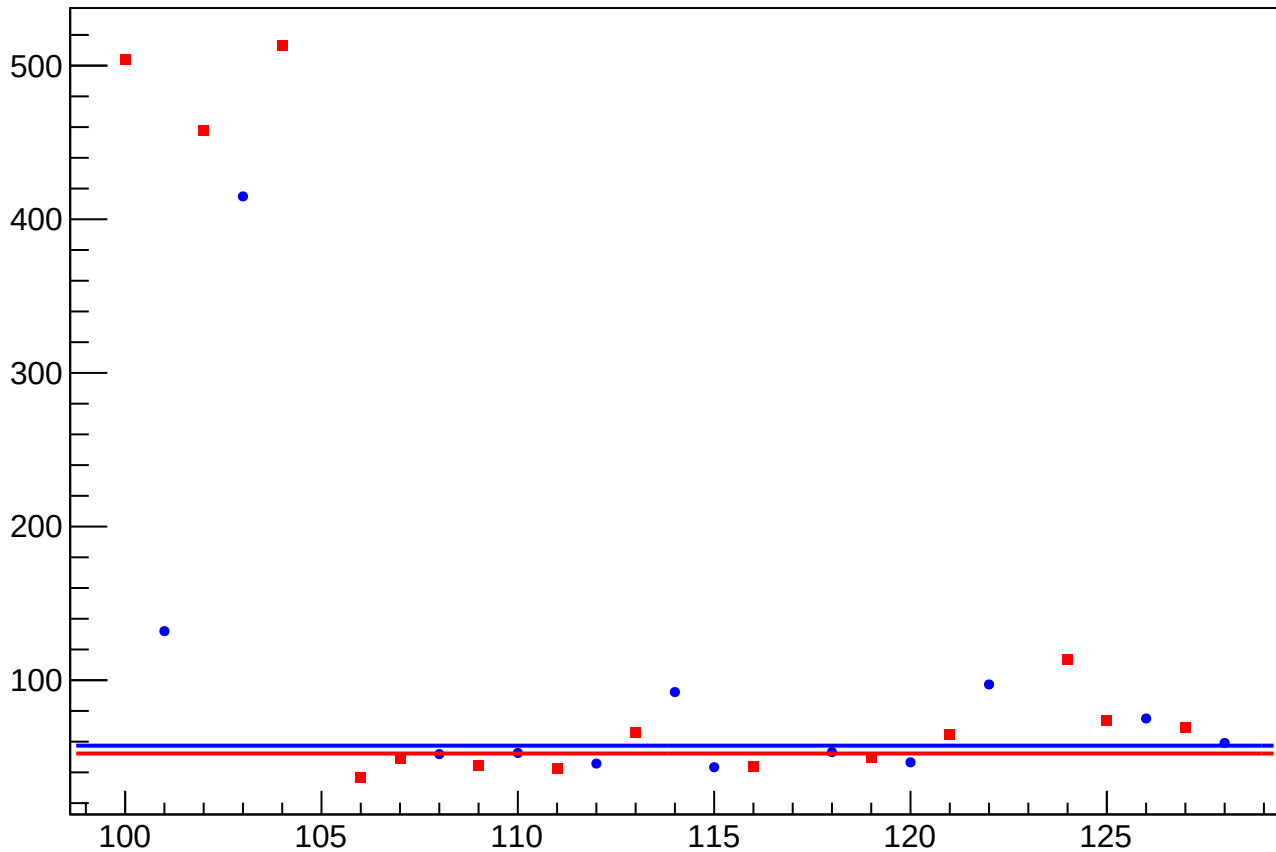
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.016 $\pm$ 0.020 χ^2 /NDF: 34.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_dit_vs_cor_diff_rms vs Slug



Right In: 57.400+/-0.021 χ^2/NDF : 1510768.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.278+/-0.019 χ^2/NDF : 2014220.6/13

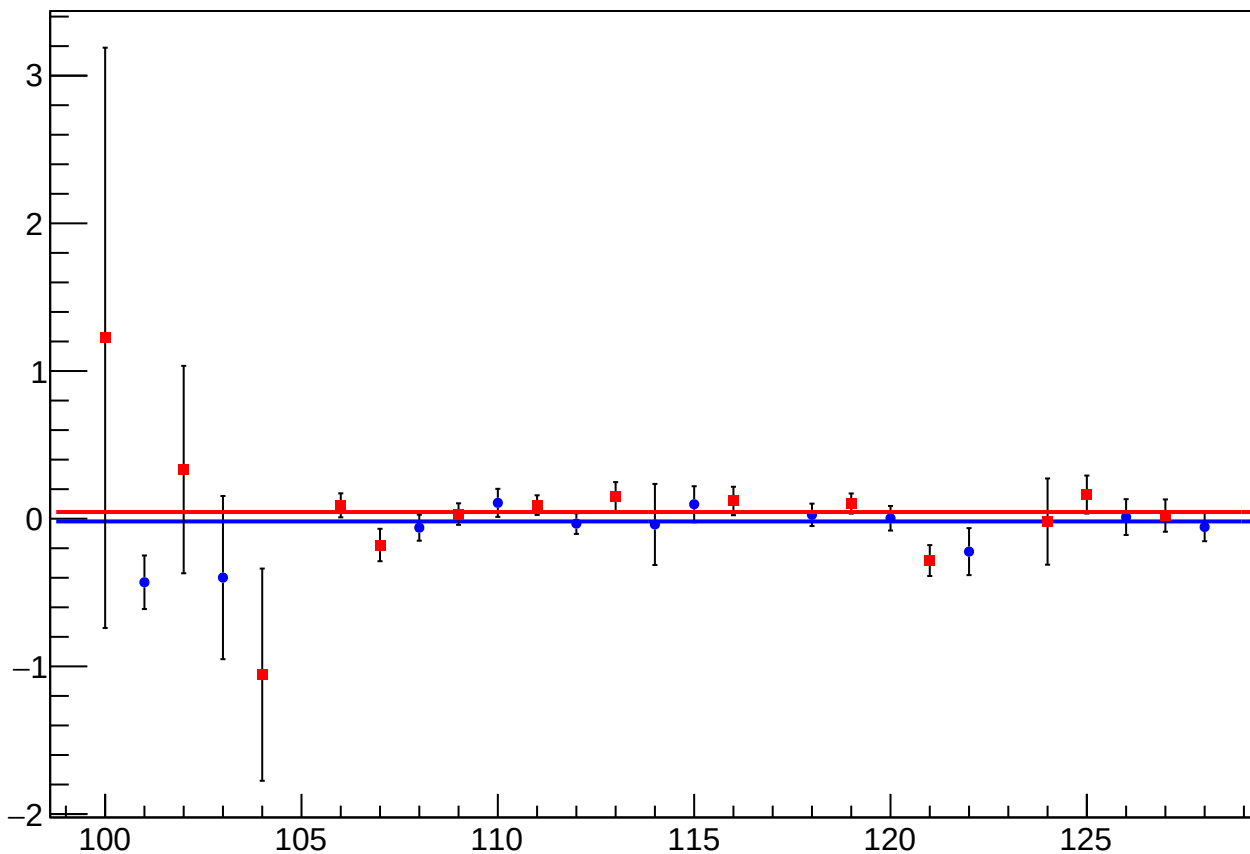
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.593+/-0.014 χ^2/NDF : 3556371.7/25

- 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: -0.018 $\pm$ 0.030 χ^2 /NDF: 10.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.045 $\pm$ 0.027 χ^2 /NDF: 21.0/13

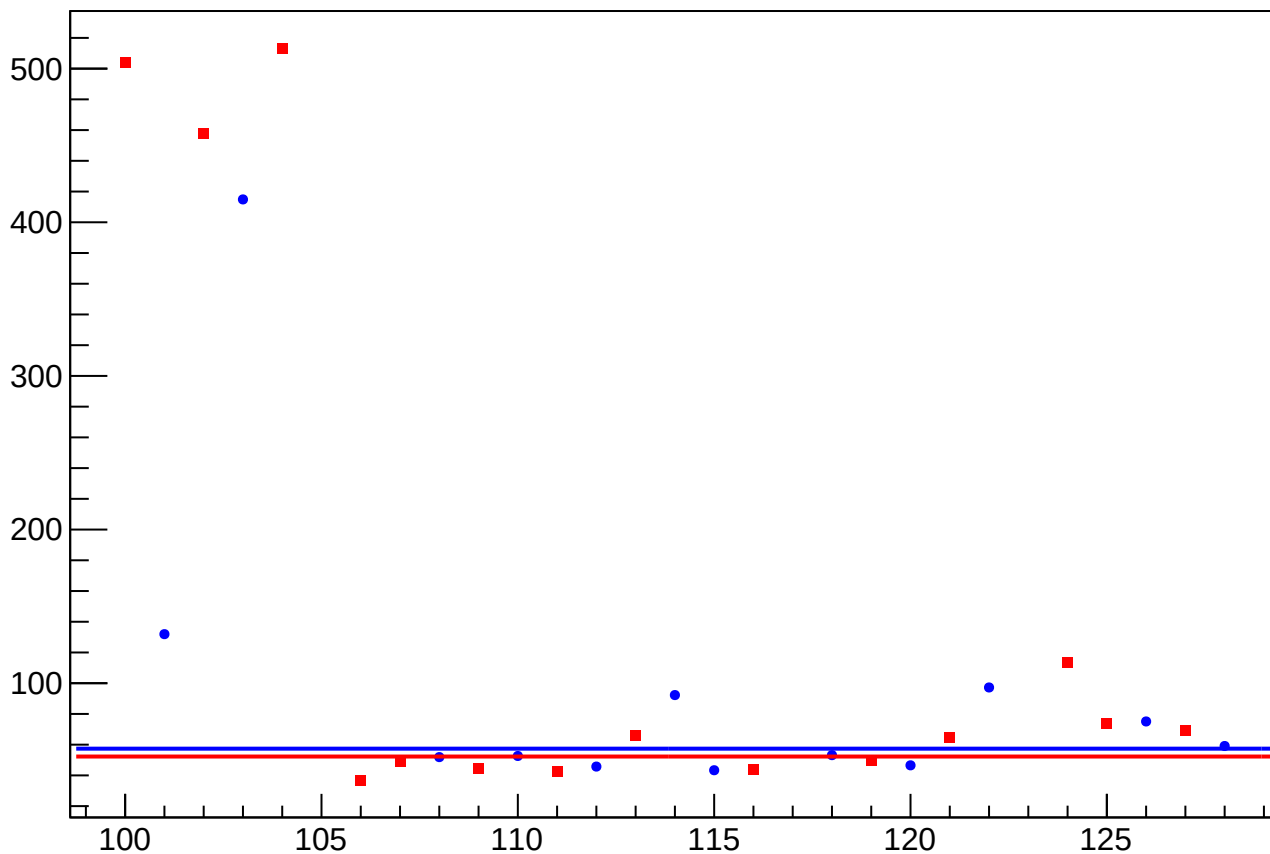
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.016 $\pm$ 0.020 χ^2 /NDF: 34.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 57.400+/-0.021 χ^2/NDF : 1510768.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.278+/-0.019 χ^2/NDF : 2014220.6/13

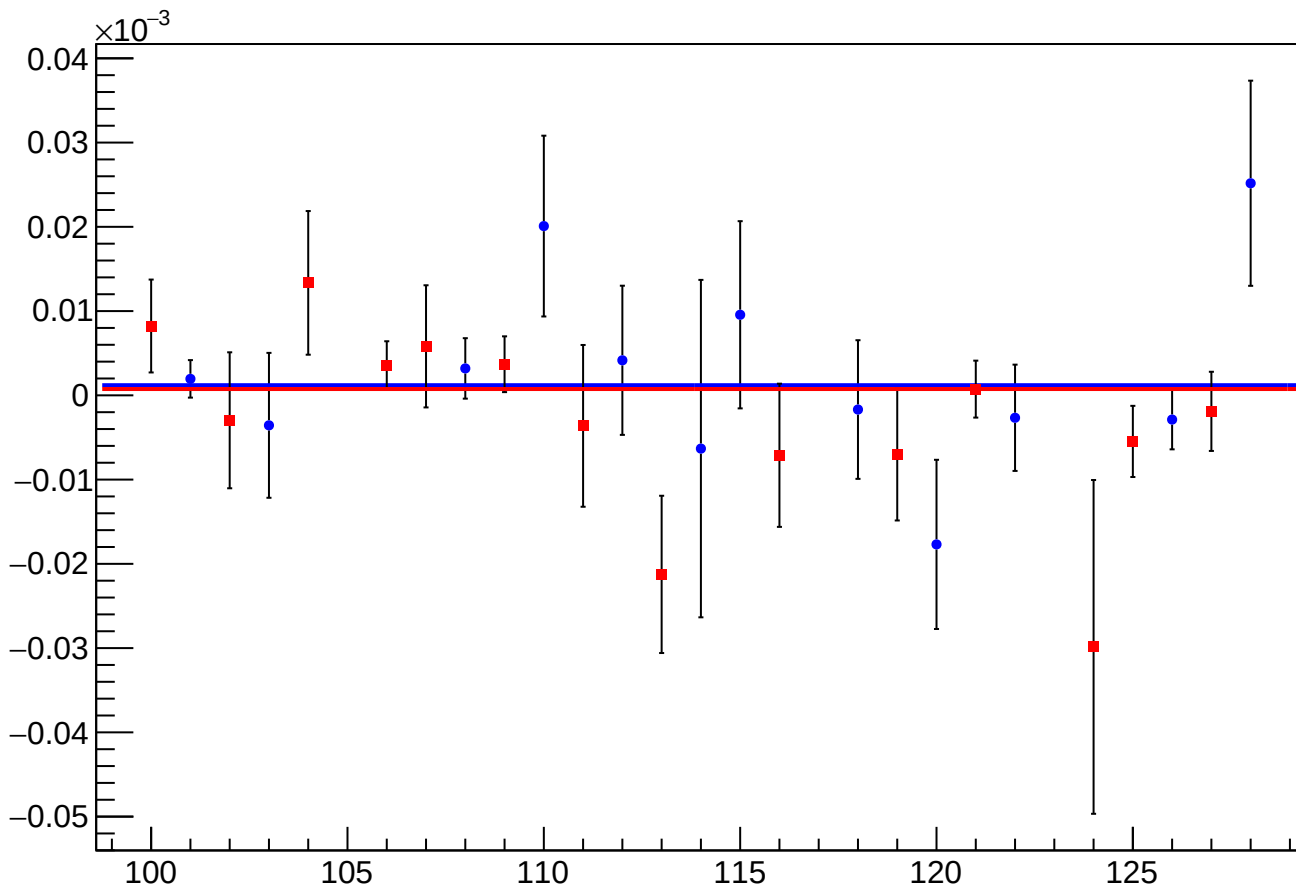
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.593+/-0.014 χ^2/NDF : 3556371.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.0/13

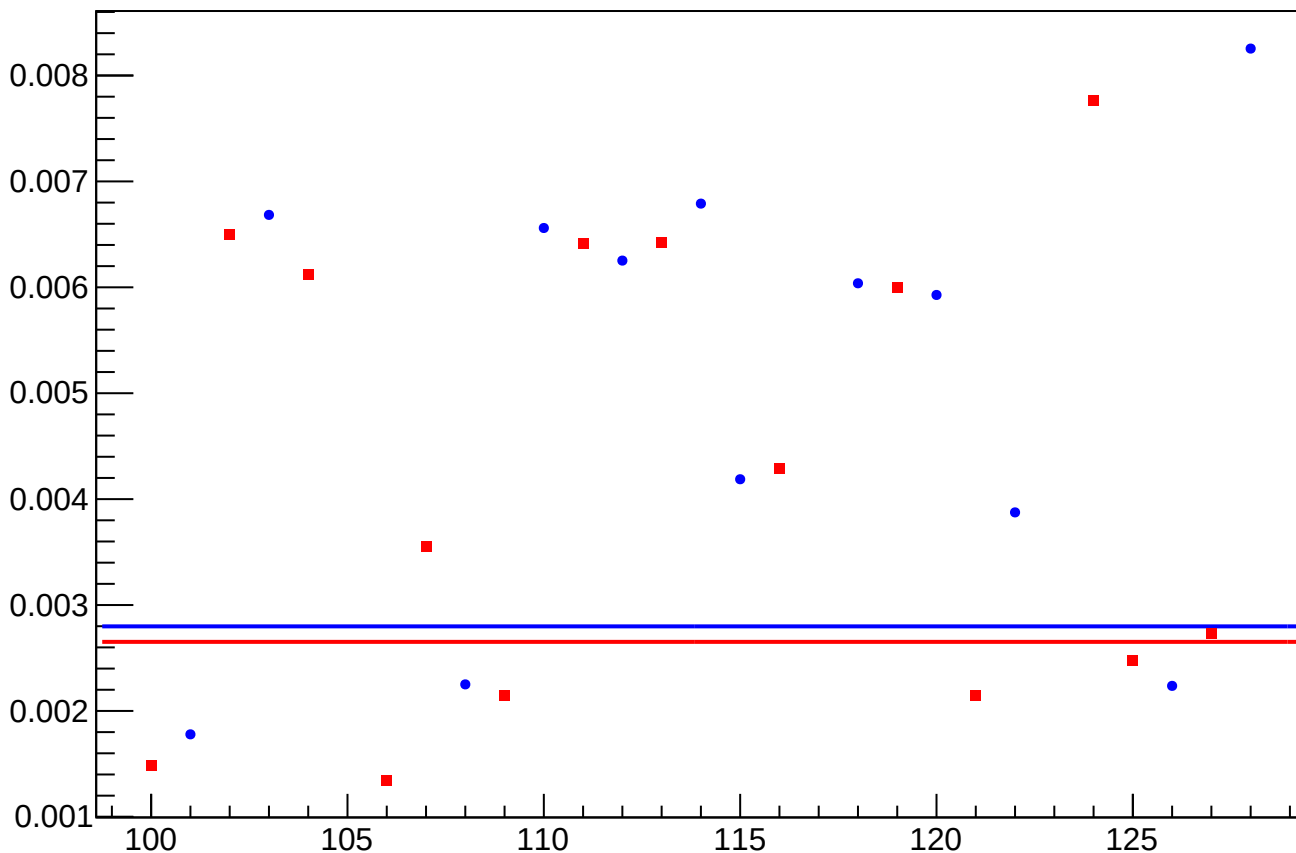
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 33.0/25

- 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 : 2550128.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2636794.2/13

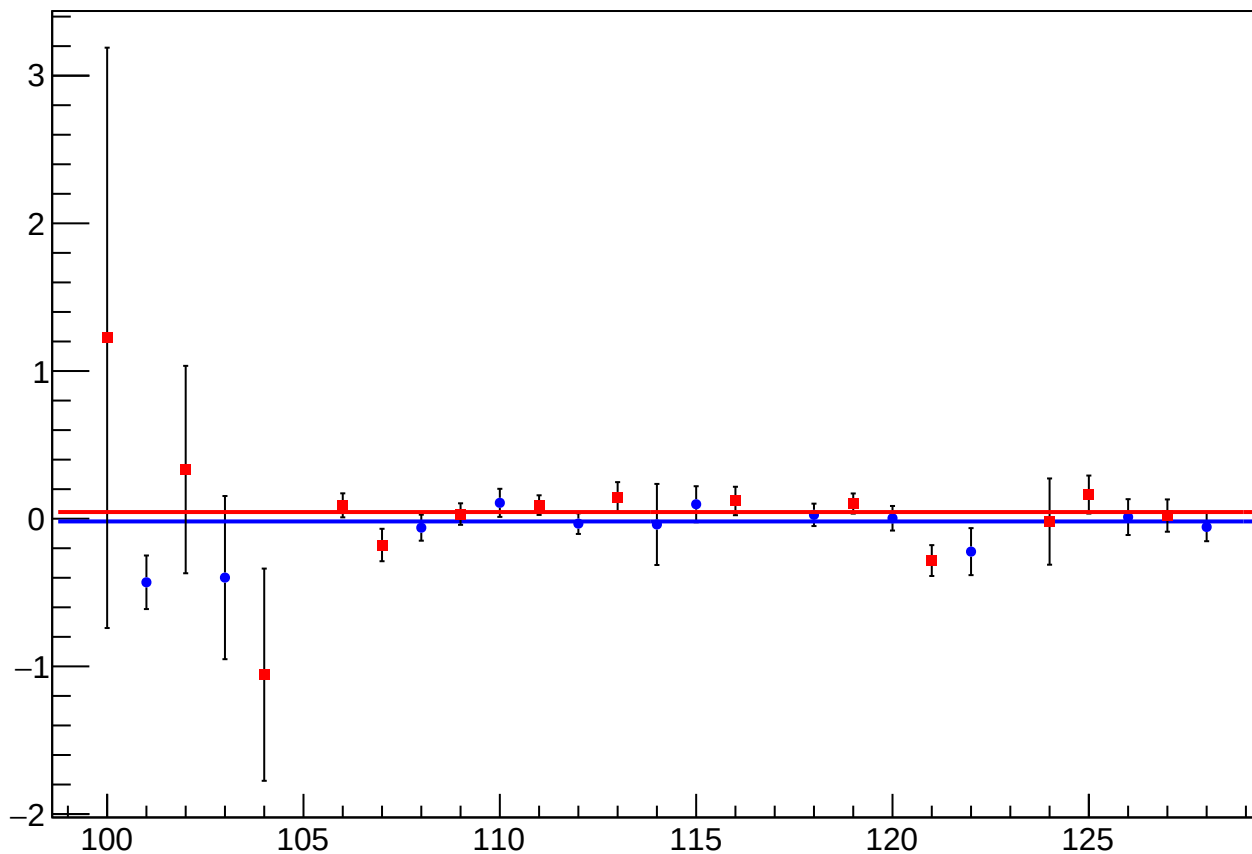
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 5197592.3/25

- 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: -0.018 $\pm$ 0.030 χ^2 /NDF: 10.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.045 $\pm$ 0.027 χ^2 /NDF: 21.0/13

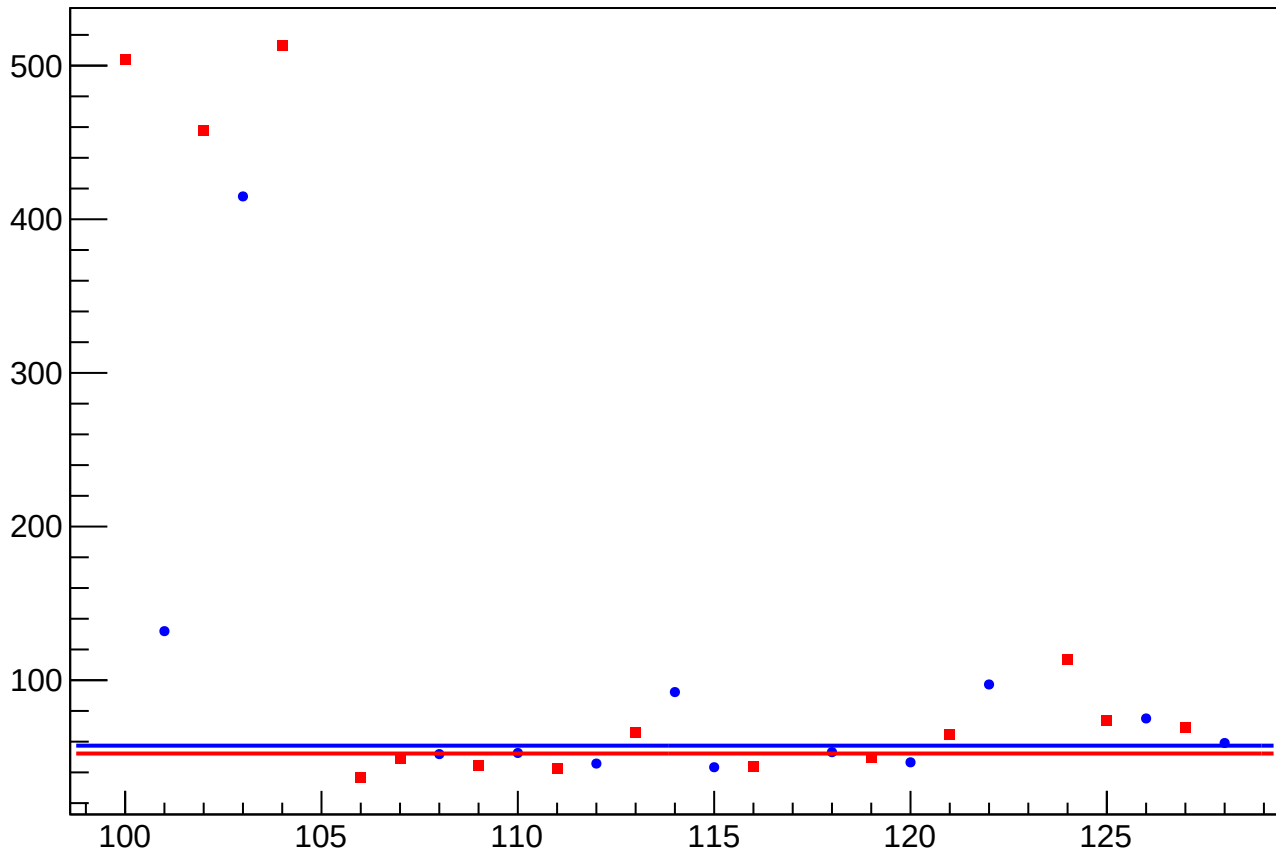
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.016 $\pm$ 0.020 χ^2 /NDF: 34.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 57.400+/-0.021 χ^2/NDF : 1510736.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.277+/-0.019 χ^2/NDF : 2014171.8/13

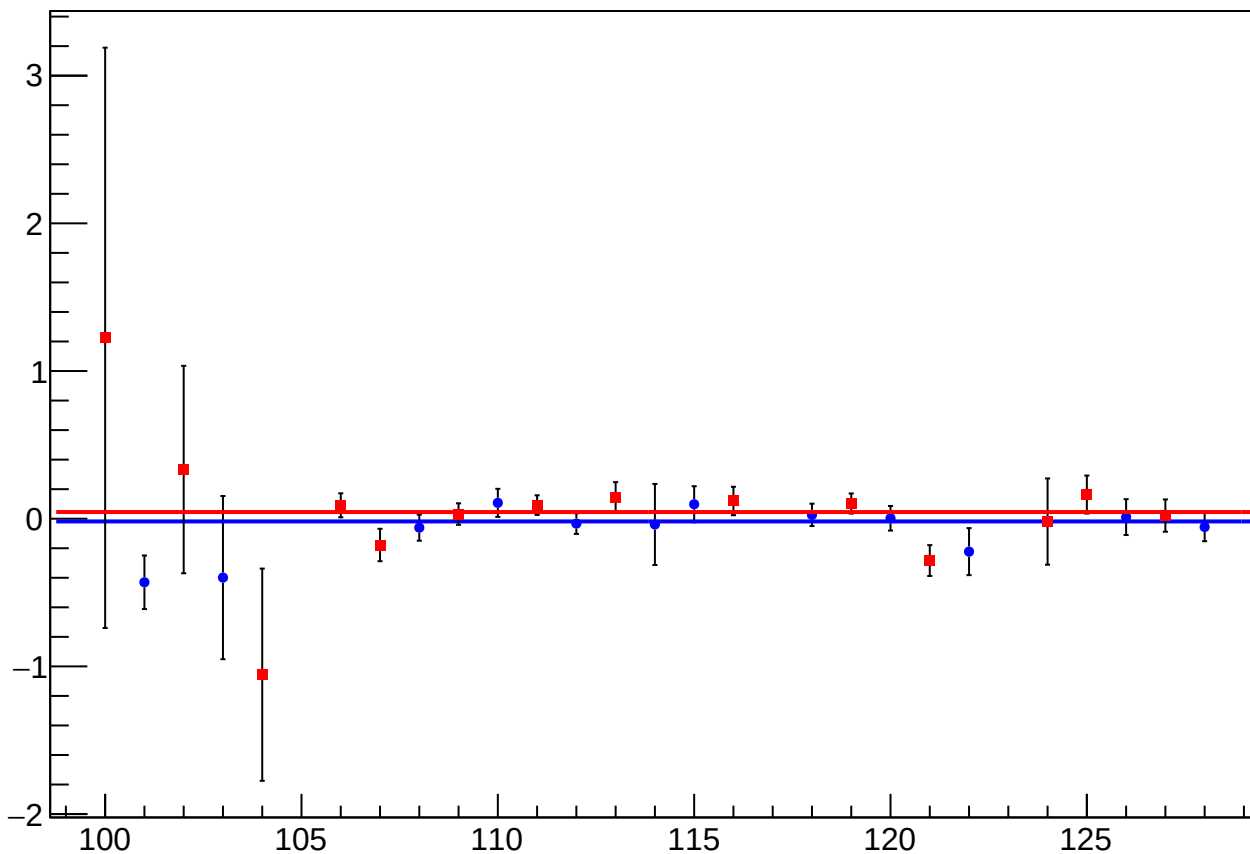
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.593+/-0.014 χ^2/NDF : 3556296.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.018+/-0.030 χ^2/NDF : 10.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.045+/-0.027 χ^2/NDF : 21.0/13

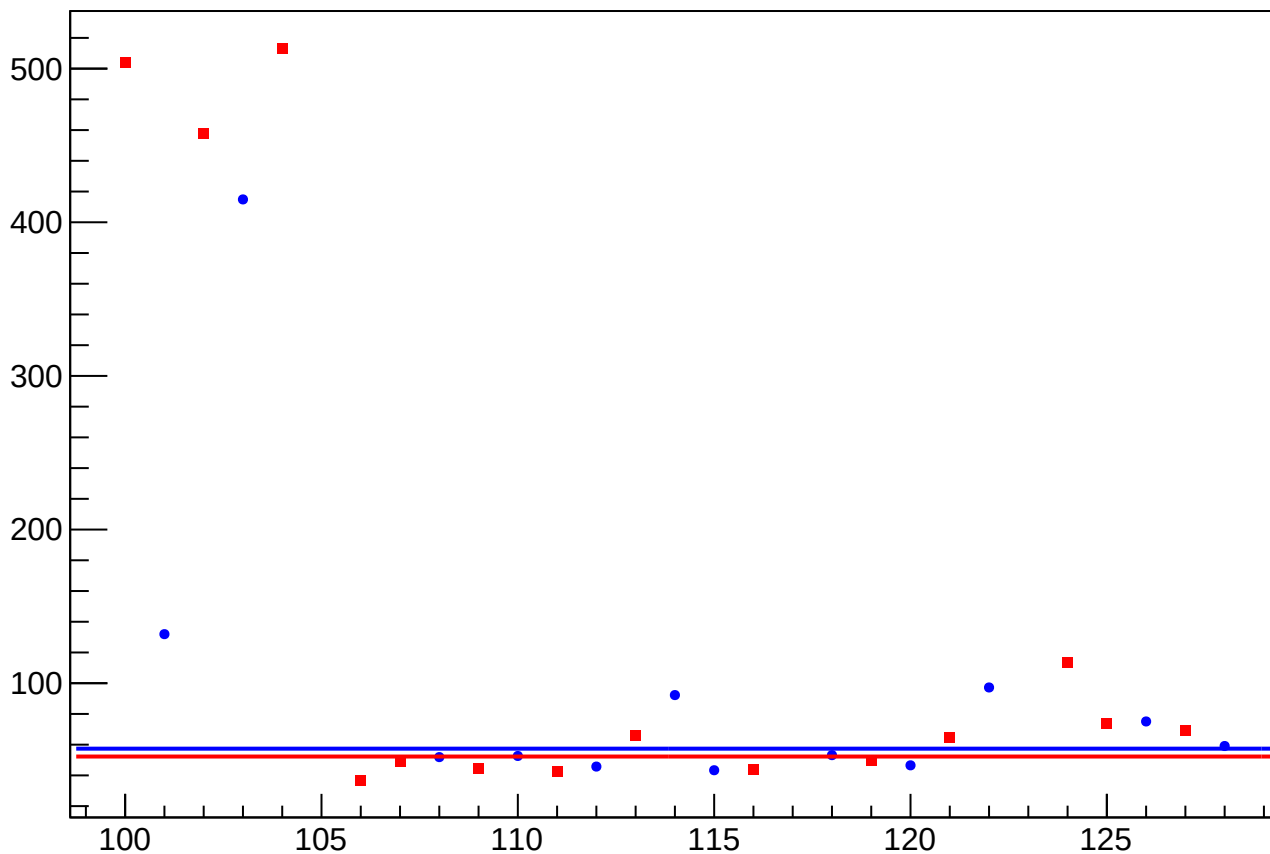
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.020 χ^2/NDF : 34.3/25

- 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: 57.400+/-0.021 χ^2/NDF : 1510736.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.277+/-0.019 χ^2/NDF : 2014171.8/13

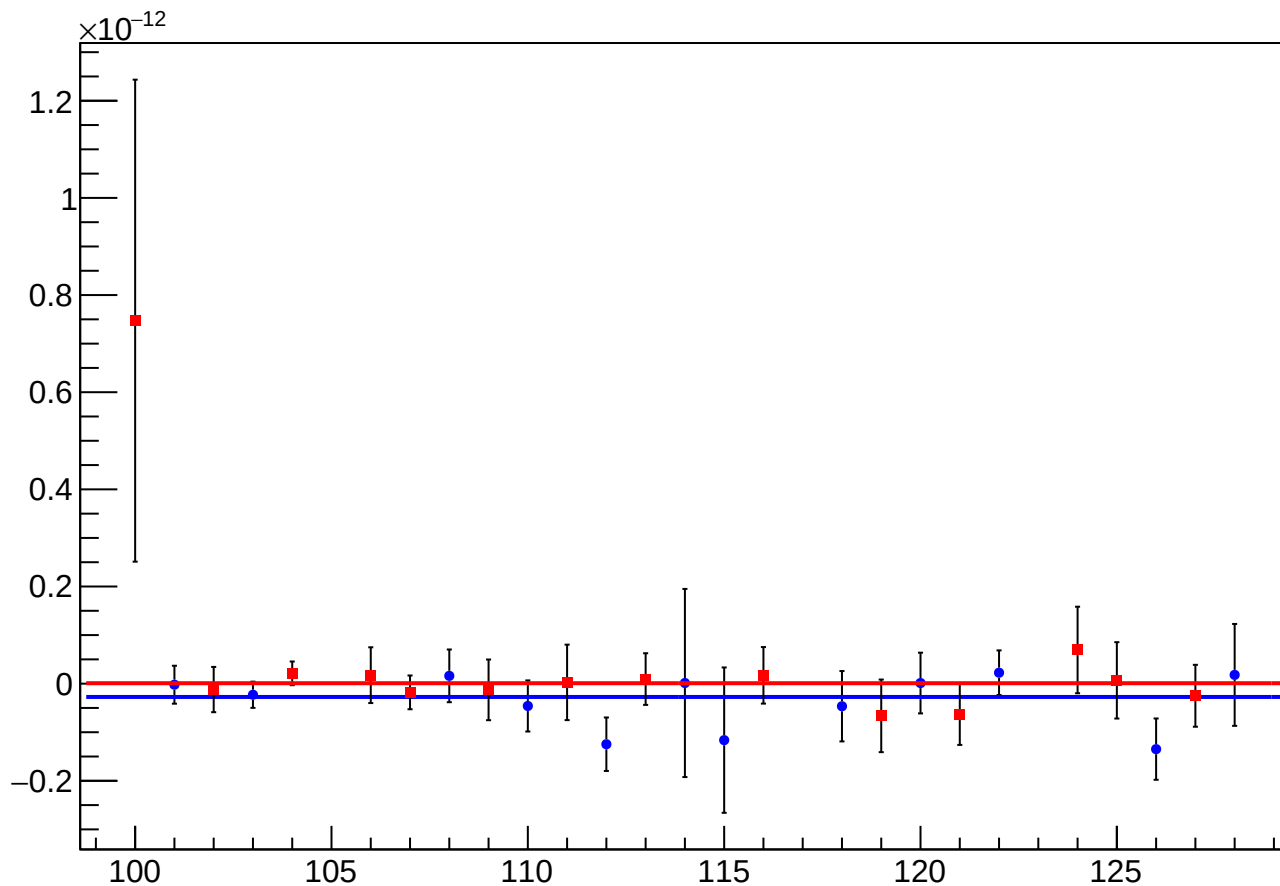
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.593+/-0.014 χ^2/NDF : 3556296.9/25

- 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 : 9.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.2/13

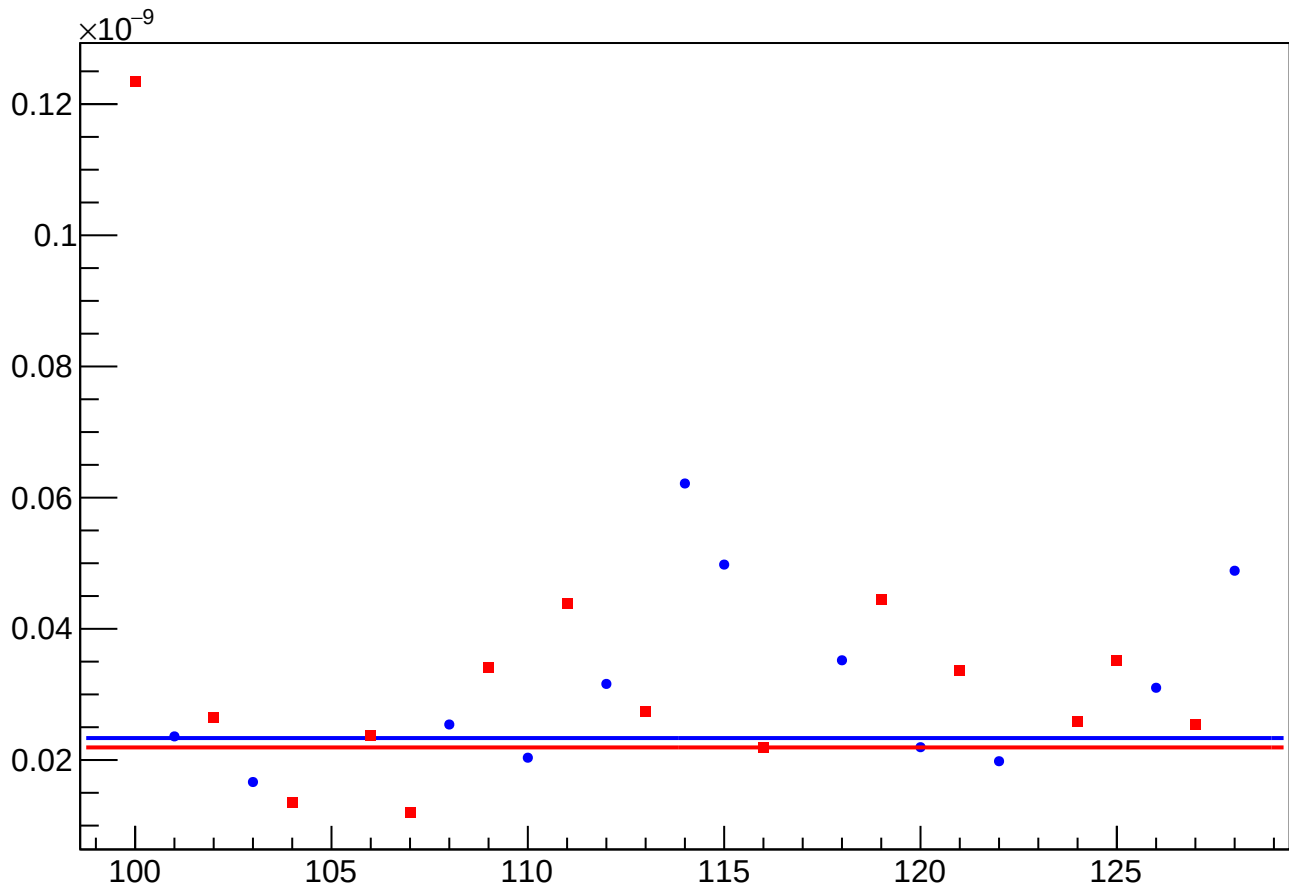
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.4/25

- 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 : 534991.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1078667.8/13

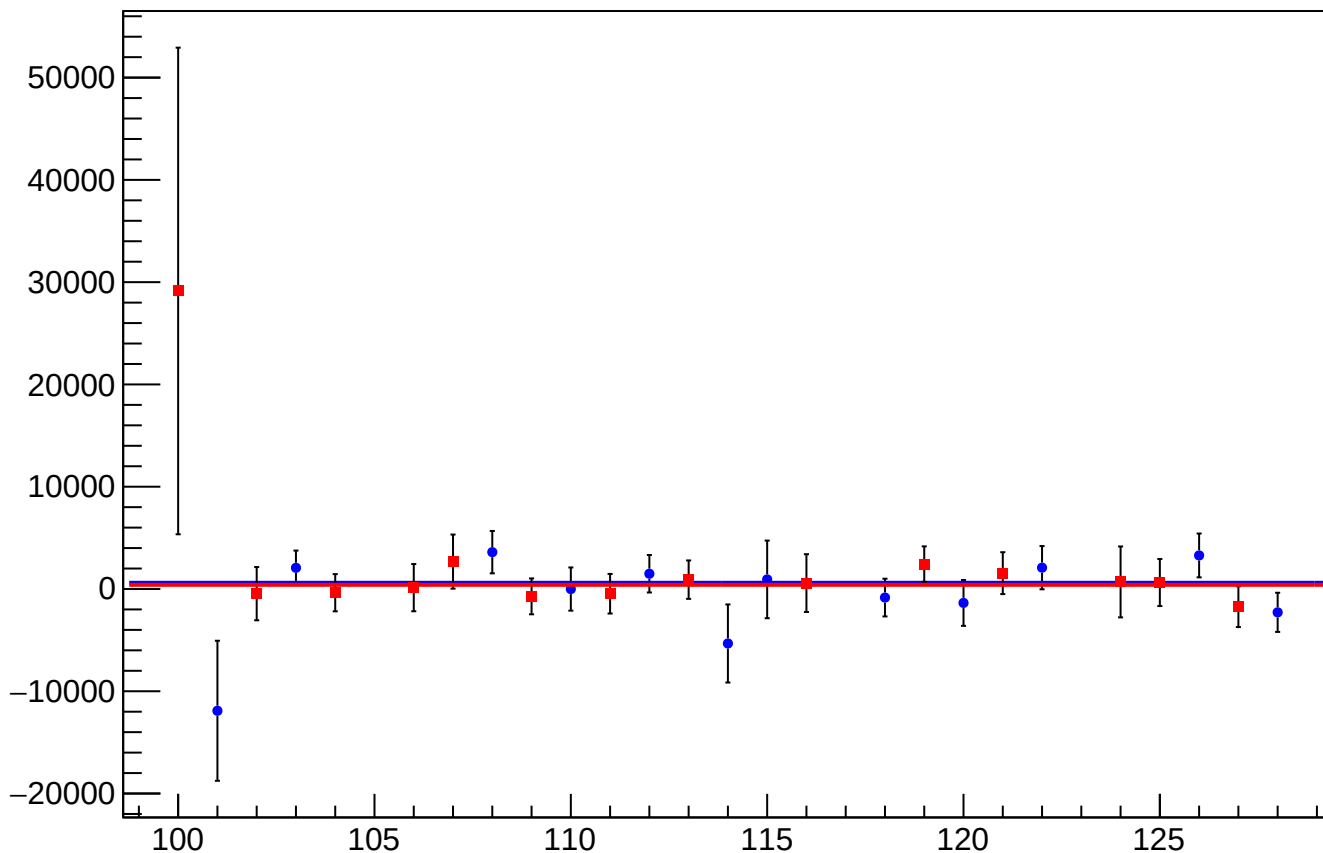
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1623478.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_mean vs Slug



Right In: 604.271+/-635.884 χ^2/NDF : 14.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 406.603+/-589.617 χ^2/NDF : 6.0/13

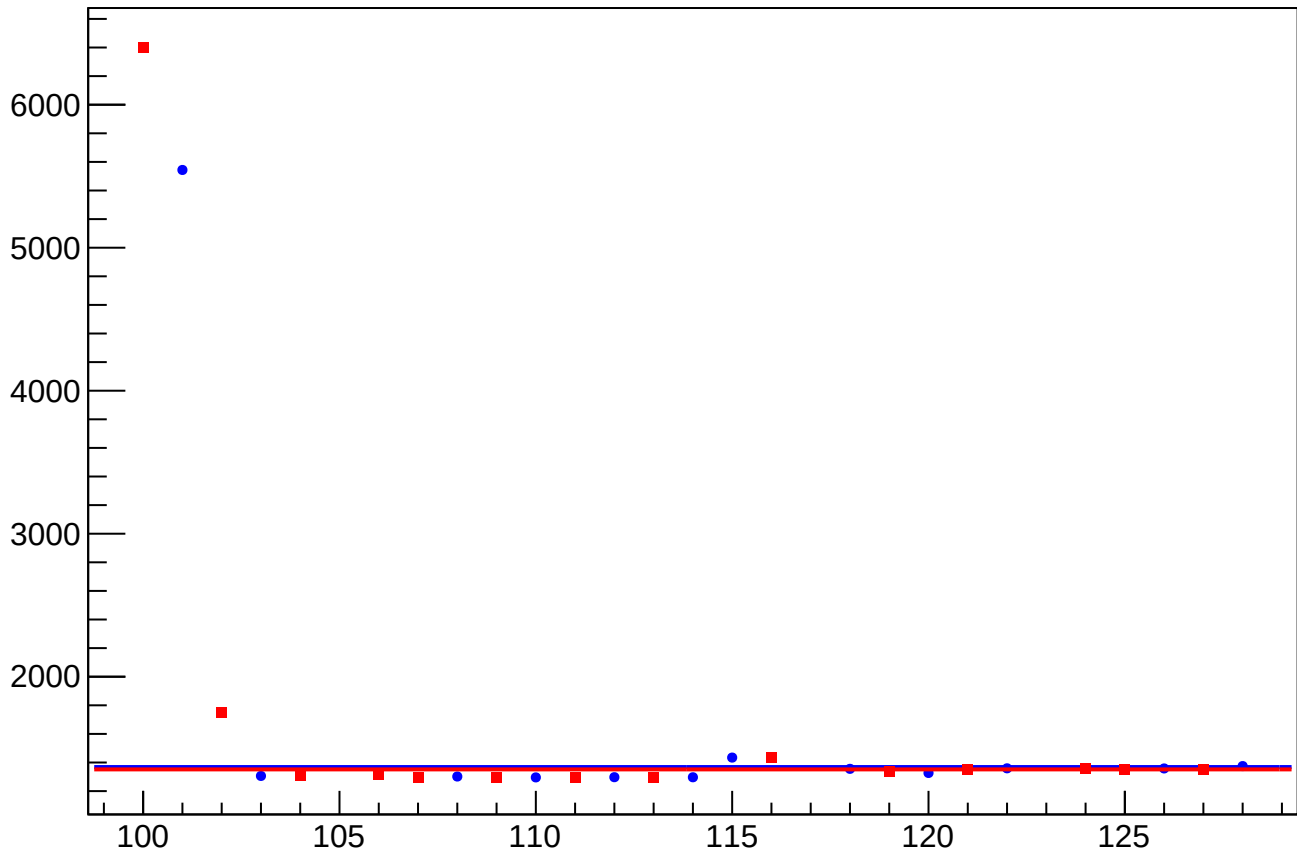
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 497.985+/-432.355 χ^2/NDF : 20.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_rms vs Slug



Right In: 1368.256+/-0.450 χ^2/NDF : 756072.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1351.888+/-0.417 χ^2/NDF : 146491.0/13

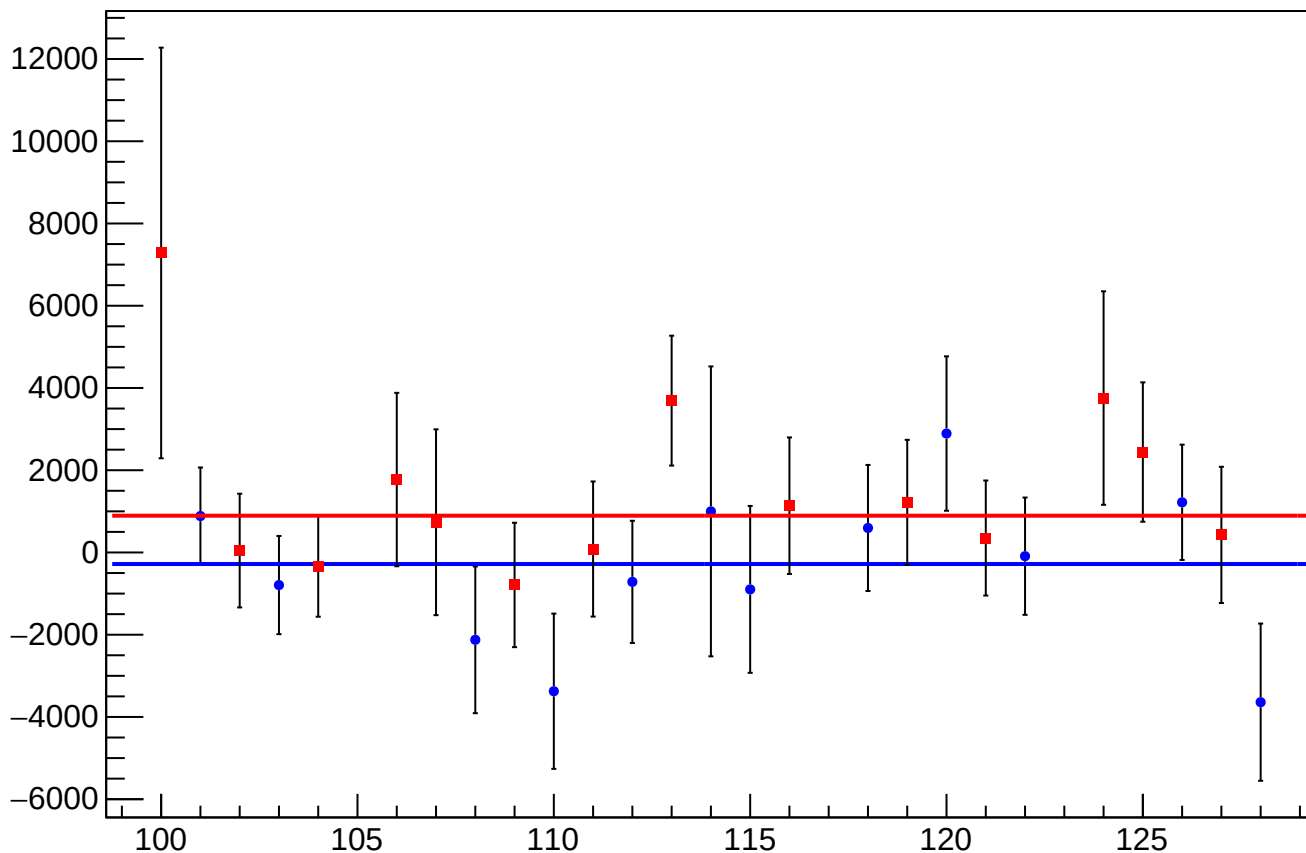
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.455+/-0.306 χ^2/NDF : 903276.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_reg_correction_mean vs Slug



Right In: -281.127+/-457.732 χ^2/NDF : 12.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 894.259+/-446.285 χ^2/NDF : 10.2/13

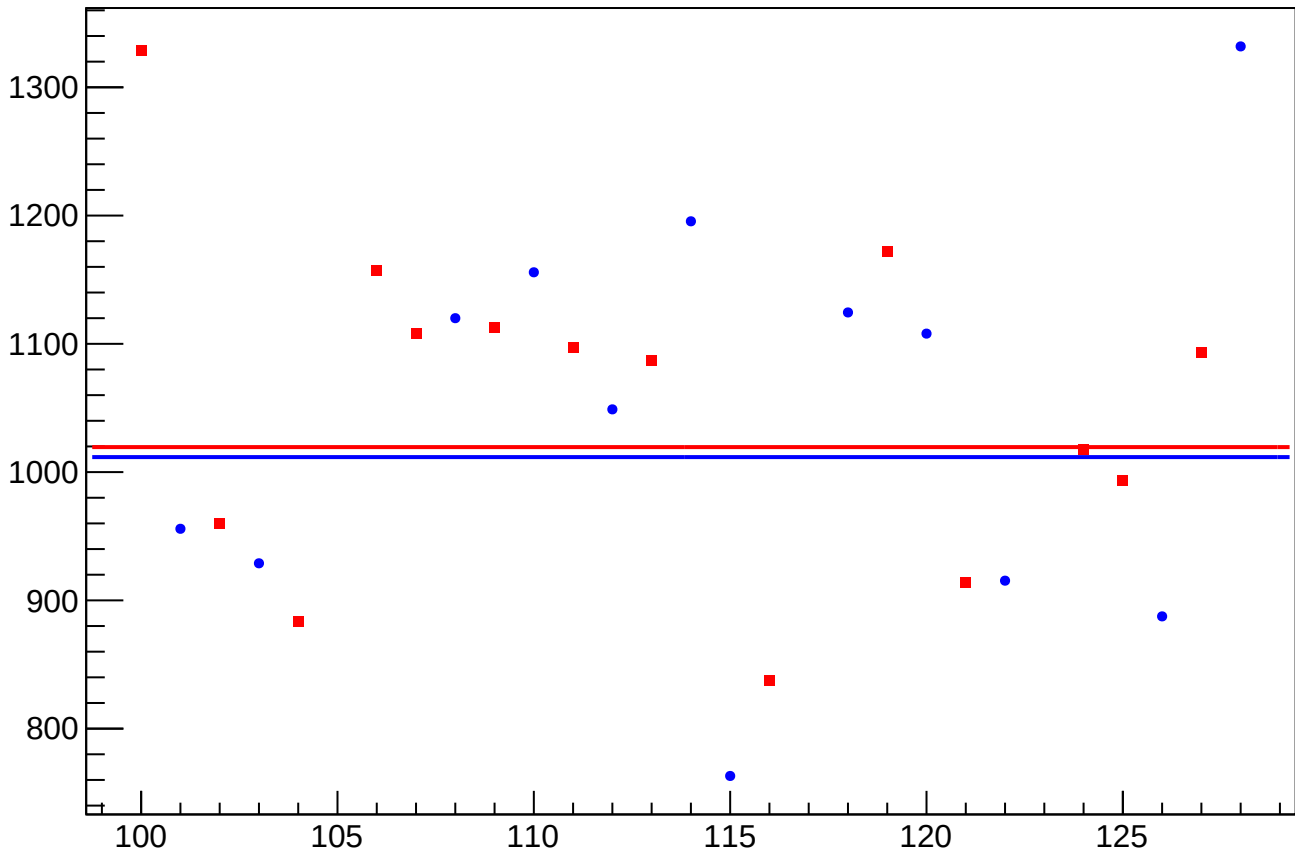
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 321.447+/-319.541 χ^2/NDF : 26.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_reg_correction_rms vs Slug



Right In: 1011.701 $\pm$ 0.324 χ^2 /NDF: 166825.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1019.497 $\pm$ 0.316 χ^2 /NDF: 122890.5/13

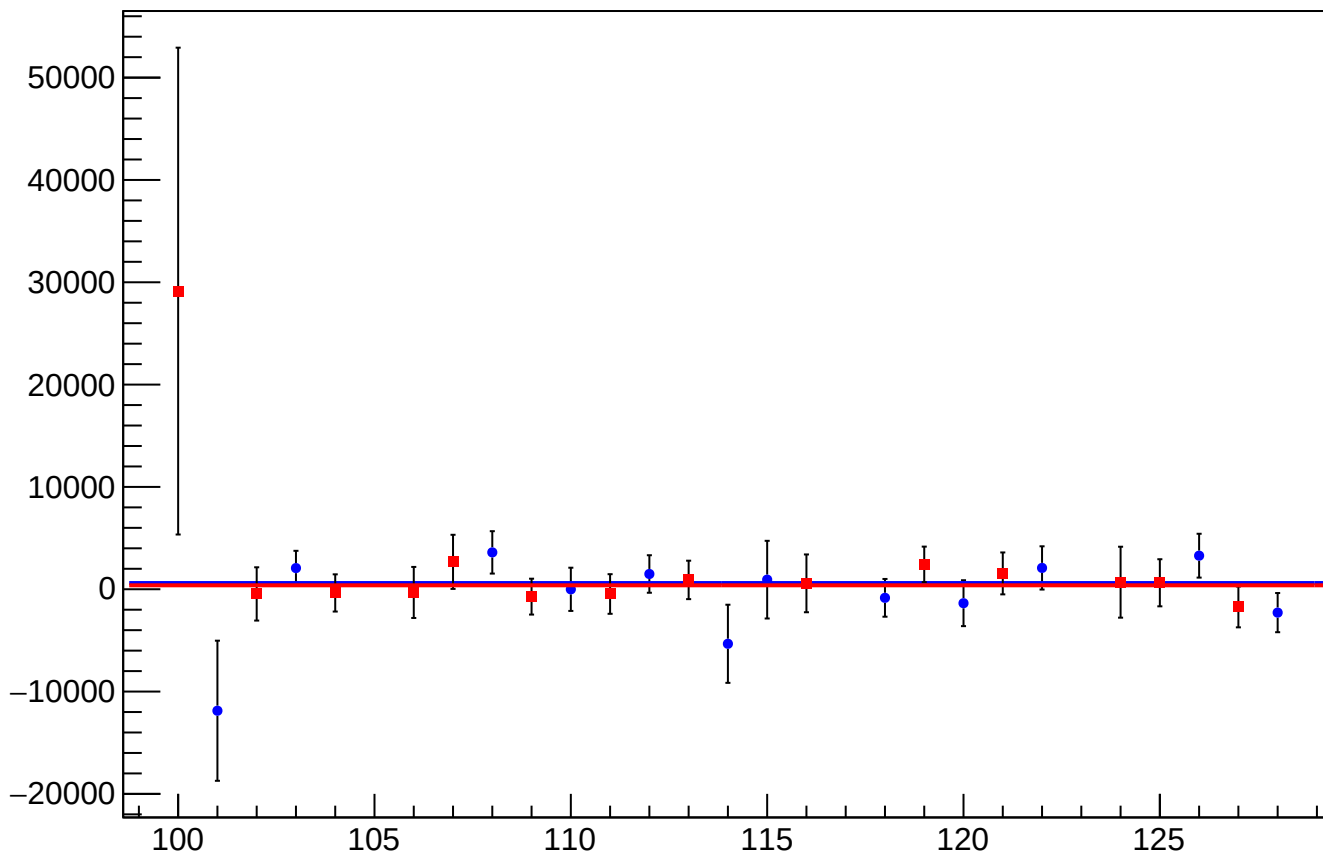
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1015.698 $\pm$ 0.226 χ^2 /NDF: 290013.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usr_atr1_dd_mean vs Slug



Right In: 604.627+/-635.884 χ^2/NDF : 14.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 384.702+/-592.410 χ^2/NDF : 6.1/13

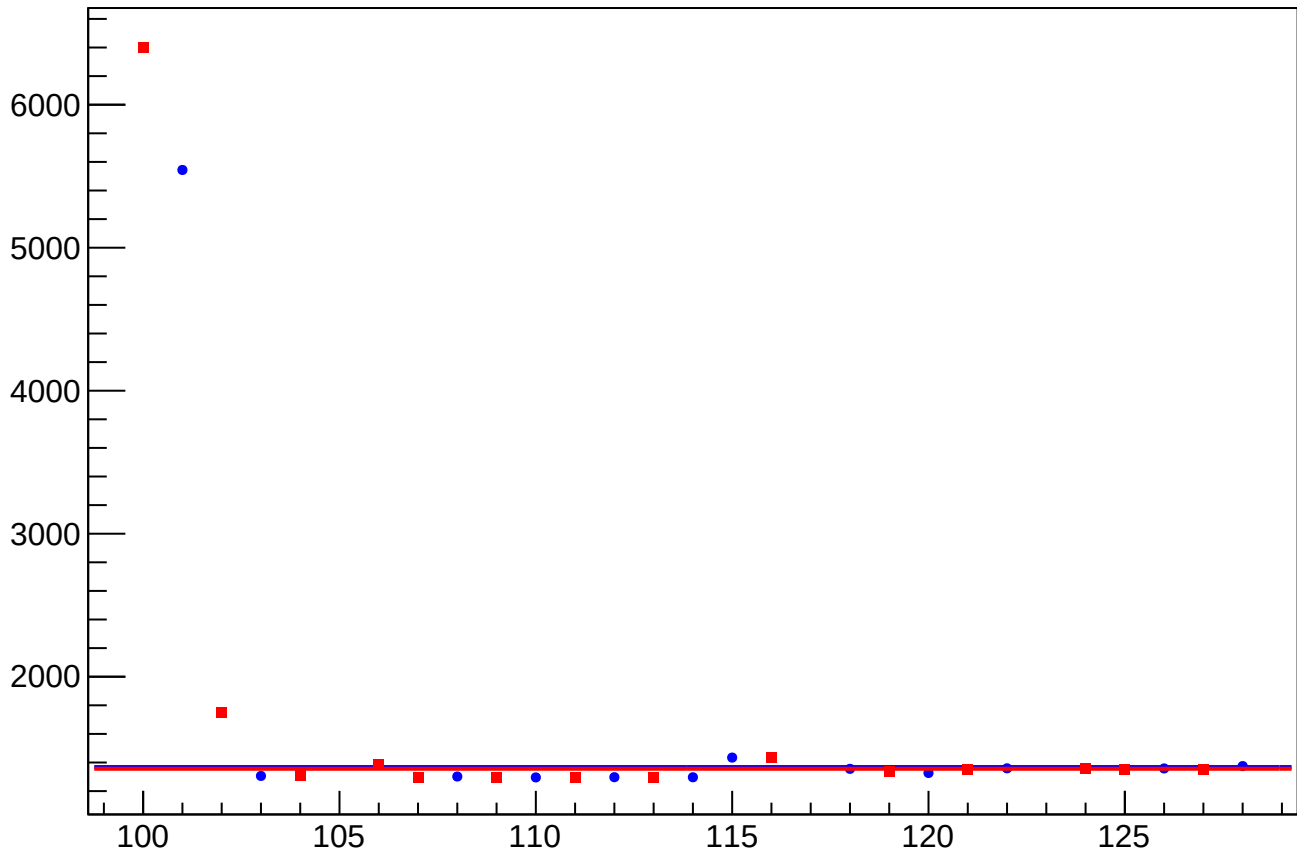
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 486.890+/-433.452 χ^2/NDF : 20.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr1_dd_rms vs Slug



Right In: 1368.256+/-0.450 χ^2/NDF : 756071.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

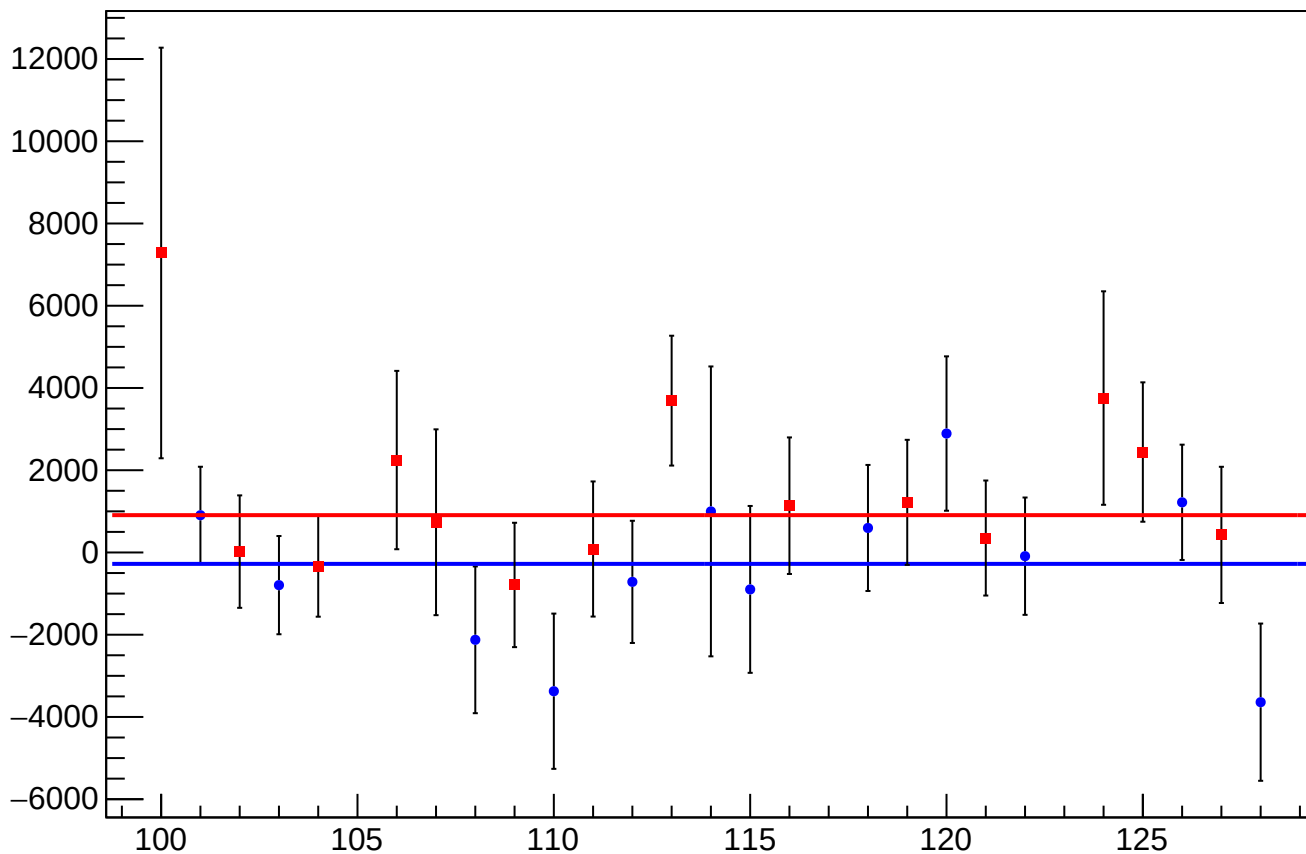
Right Out: 1356.233+/-0.419 χ^2/NDF : 146377.0/13

All: 1361.819+/-0.306 χ^2/NDF : 902831.7/25

- 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_cor_correction_mean vs Slug



Right In: -277.485+/-457.591 χ^2/NDF : 12.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 907.563+/-446.300 χ^2/NDF : 10.4/13

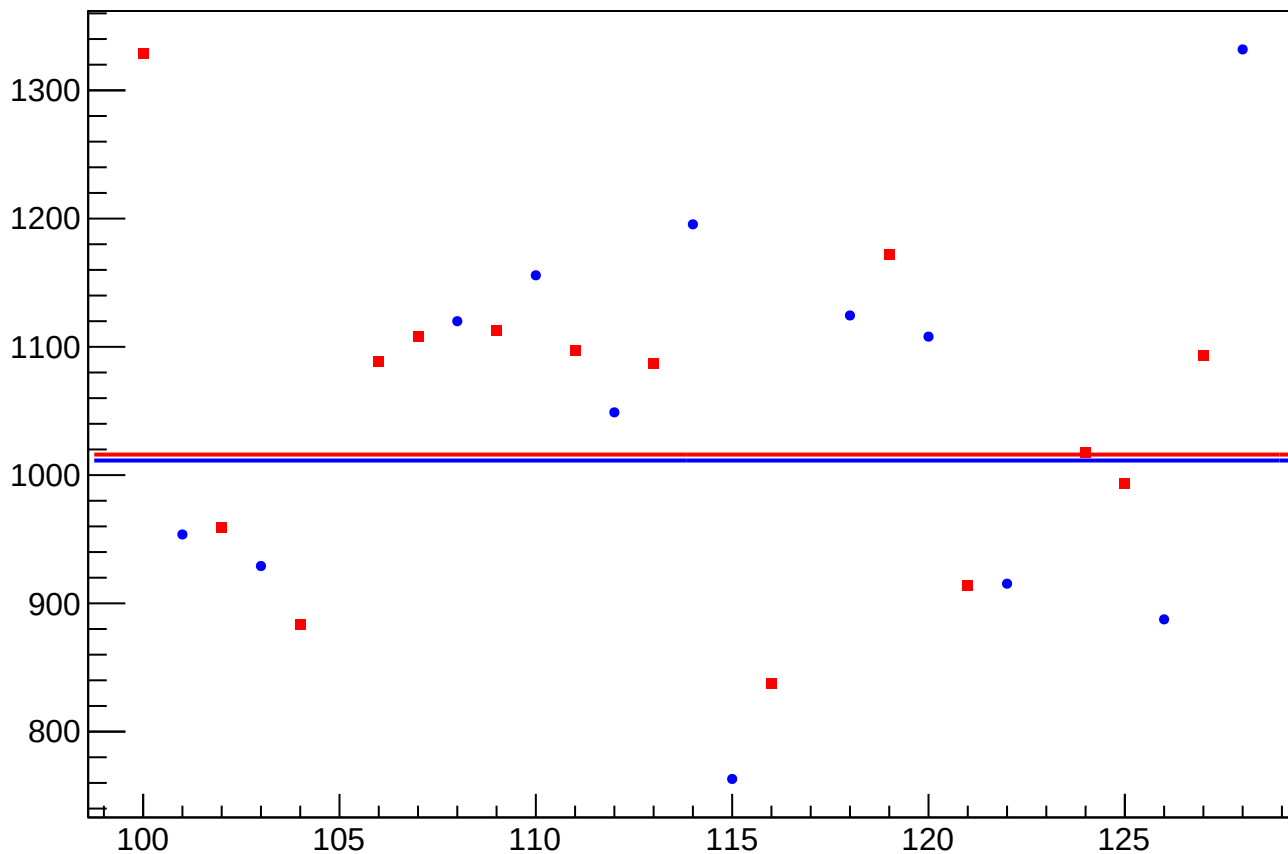
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 329.839+/-319.499 χ^2/NDF : 26.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_cor_correction_rms vs Slug



Right In: 1011.379 $\pm$ 0.324 χ^2 /NDF: 167152.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1016.009 $\pm$ 0.316 χ^2 /NDF: 116494.4/13

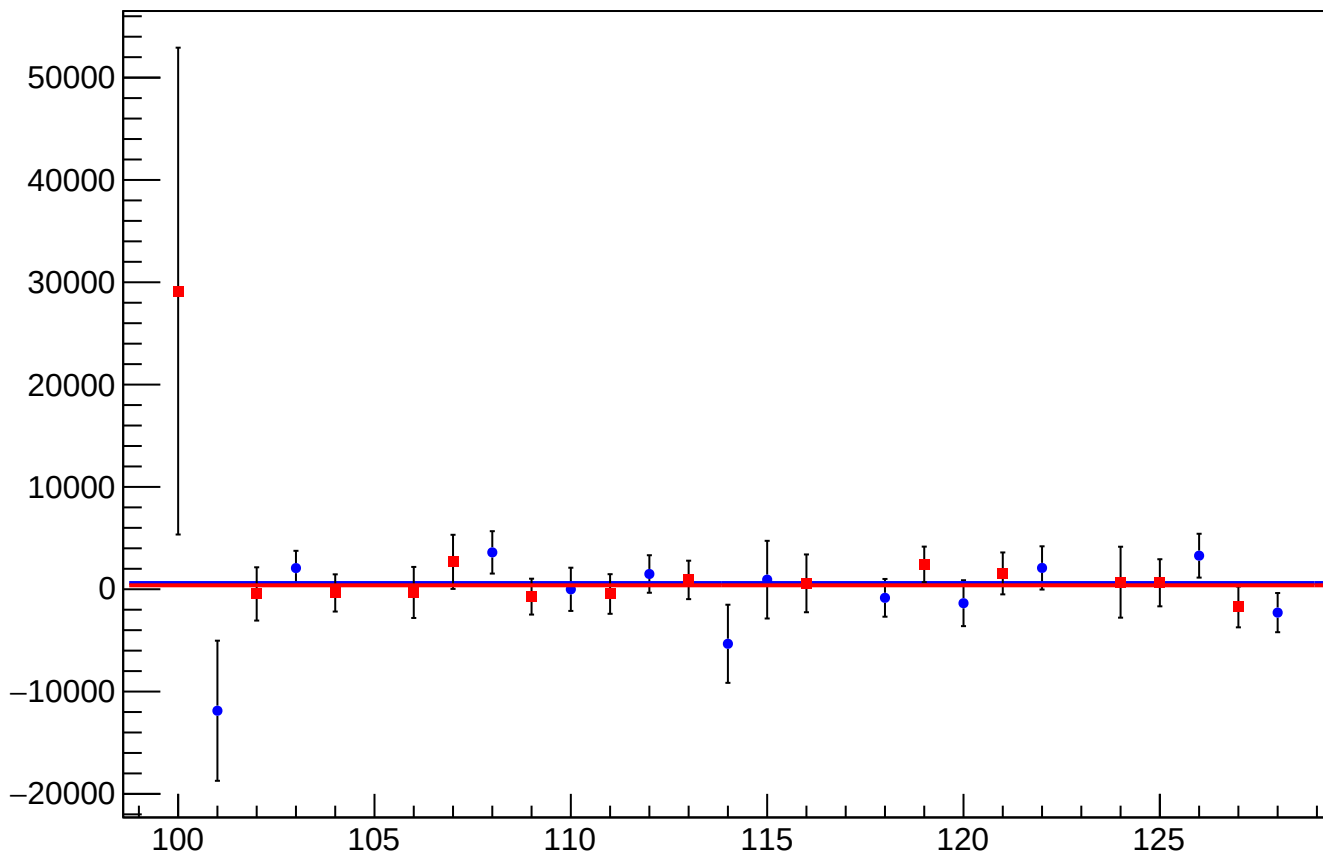
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1013.752 $\pm$ 0.226 χ^2 /NDF: 283751.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usr_atr1_dd_mean vs Slug



Right In: 604.627+/-635.884 χ^2/NDF : 14.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 384.702+/-592.410 χ^2/NDF : 6.1/13

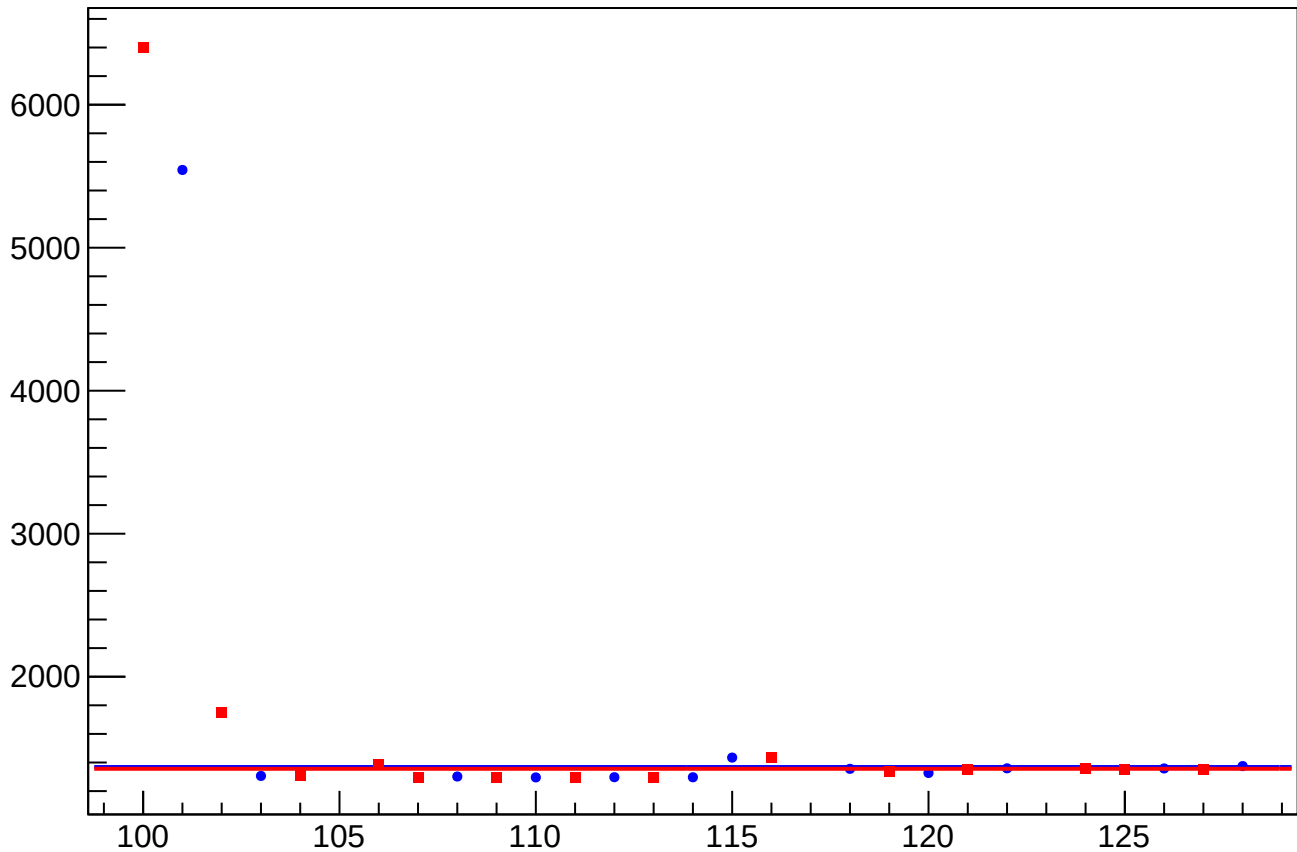
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 486.890+/-433.452 χ^2/NDF : 20.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr1_dd_rms vs Slug



Right In: 1368.256+/-0.450 χ^2/NDF : 756071.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1356.233+/-0.419 χ^2/NDF : 146377.0/13

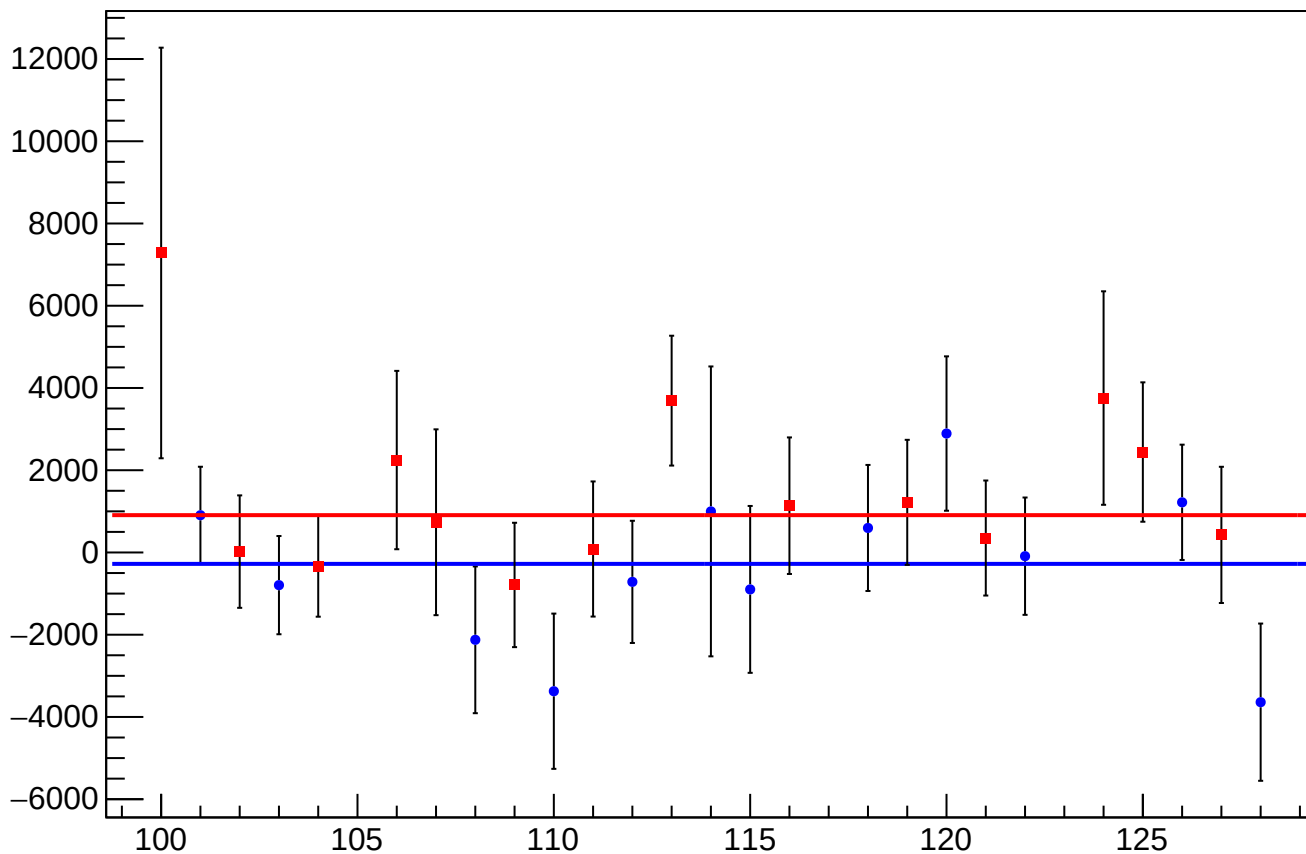
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1361.819+/-0.306 χ^2/NDF : 902831.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_cor_correction_mean vs Slug



Right In: -277.485+/-457.591 χ^2/NDF : 12.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 907.563+/-446.300 χ^2/NDF : 10.4/13

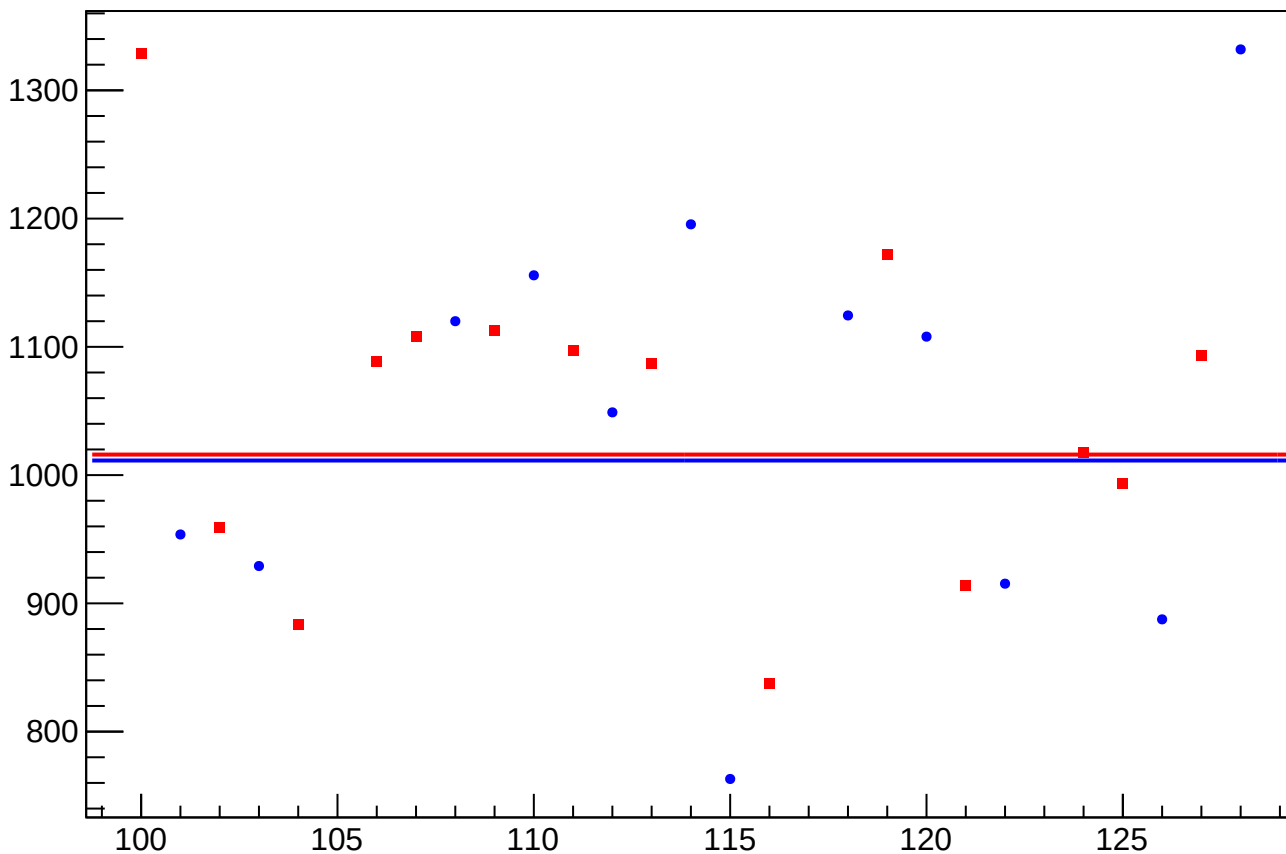
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 329.839+/-319.499 χ^2/NDF : 26.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_cor_correction_rms vs Slug



Right In: 1011.379+/-0.324 χ^2/NDF : 167152.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1016.009+/-0.316 χ^2/NDF : 116494.4/13

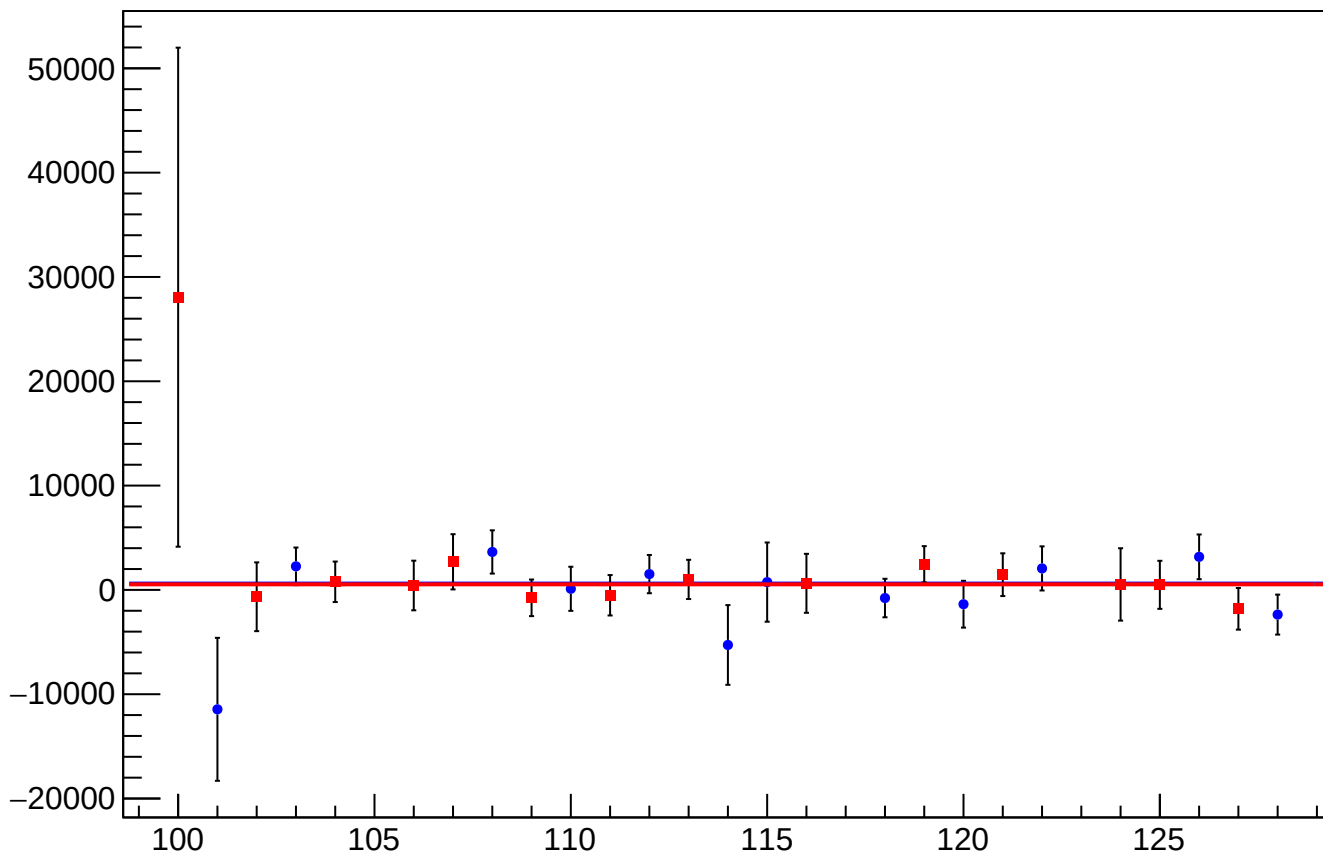
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1013.752+/-0.226 χ^2/NDF : 283751.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr1_dd_mean vs Slug



Right In: 604.312+/-641.911 χ^2/NDF : 14.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 532.604+/-600.801 χ^2/NDF : 5.9/13

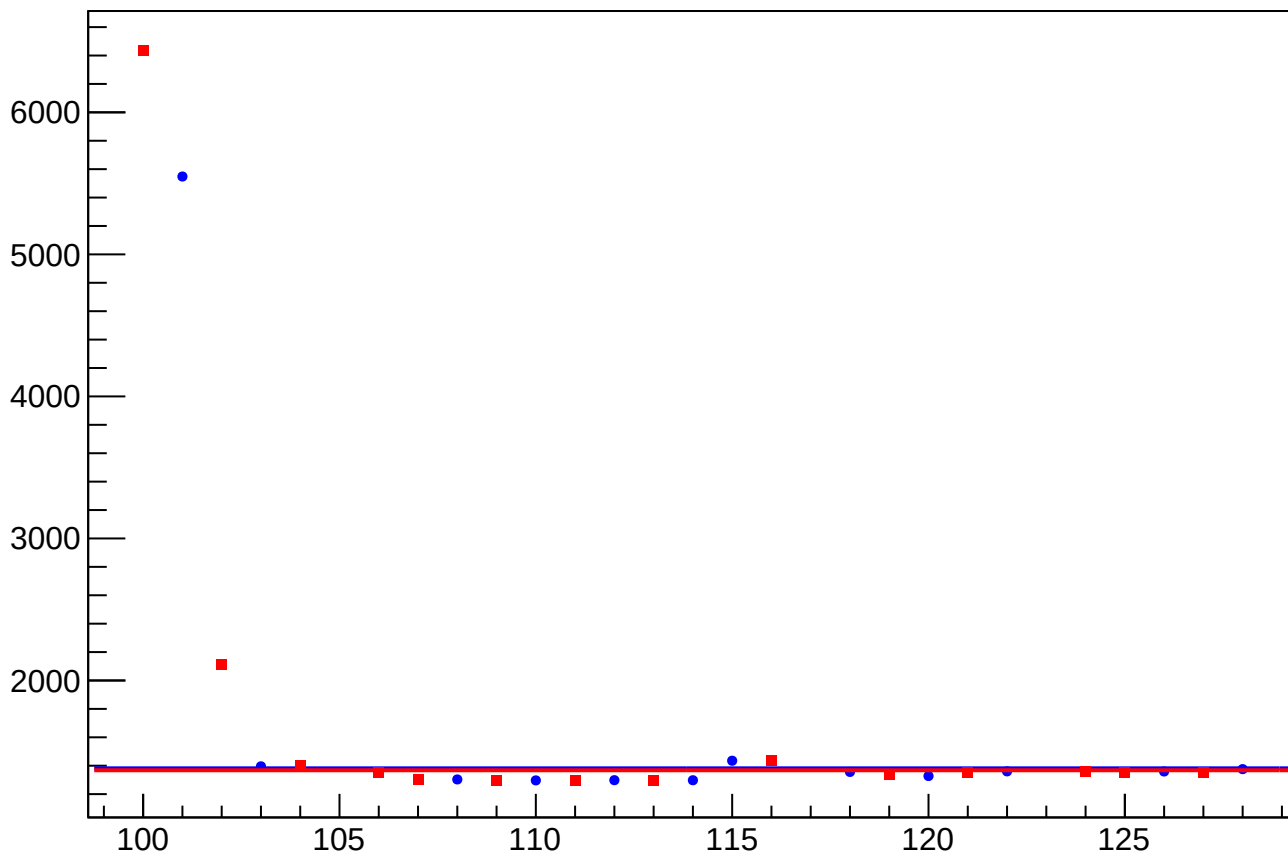
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 566.089+/-438.644 χ^2/NDF : 20.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr1_dd_rms vs Slug



Right In: 1381.462 $\pm$ 0.454 χ^2 /NDF: 753103.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1368.009 $\pm$ 0.425 χ^2 /NDF: 203714.5/13

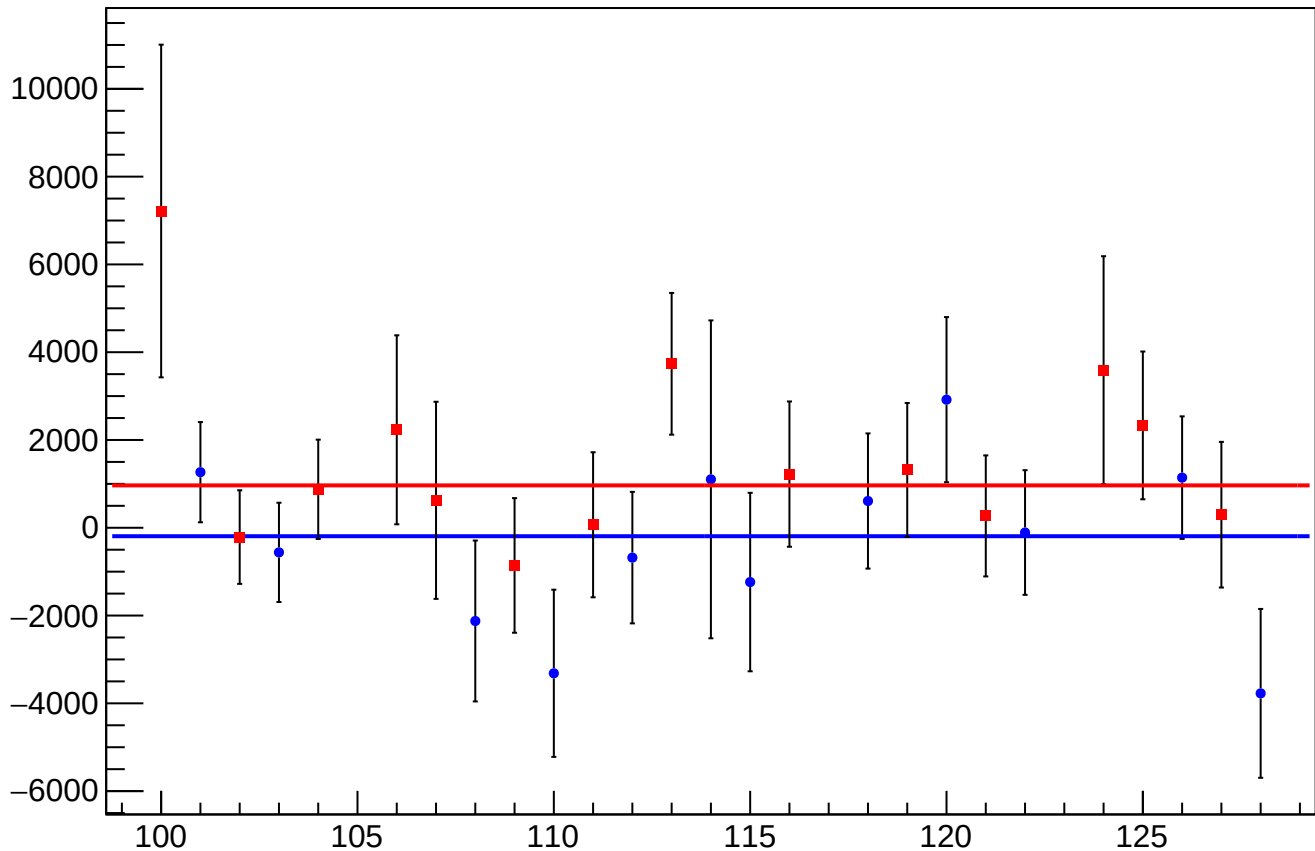
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1374.291 $\pm$ 0.310 χ^2 /NDF: 957286.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_dit_correction_mean vs Slug



Right In: -192.538+/-453.181 χ^2/NDF : 13.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 965.702+/-426.267 χ^2/NDF : 11.1/13

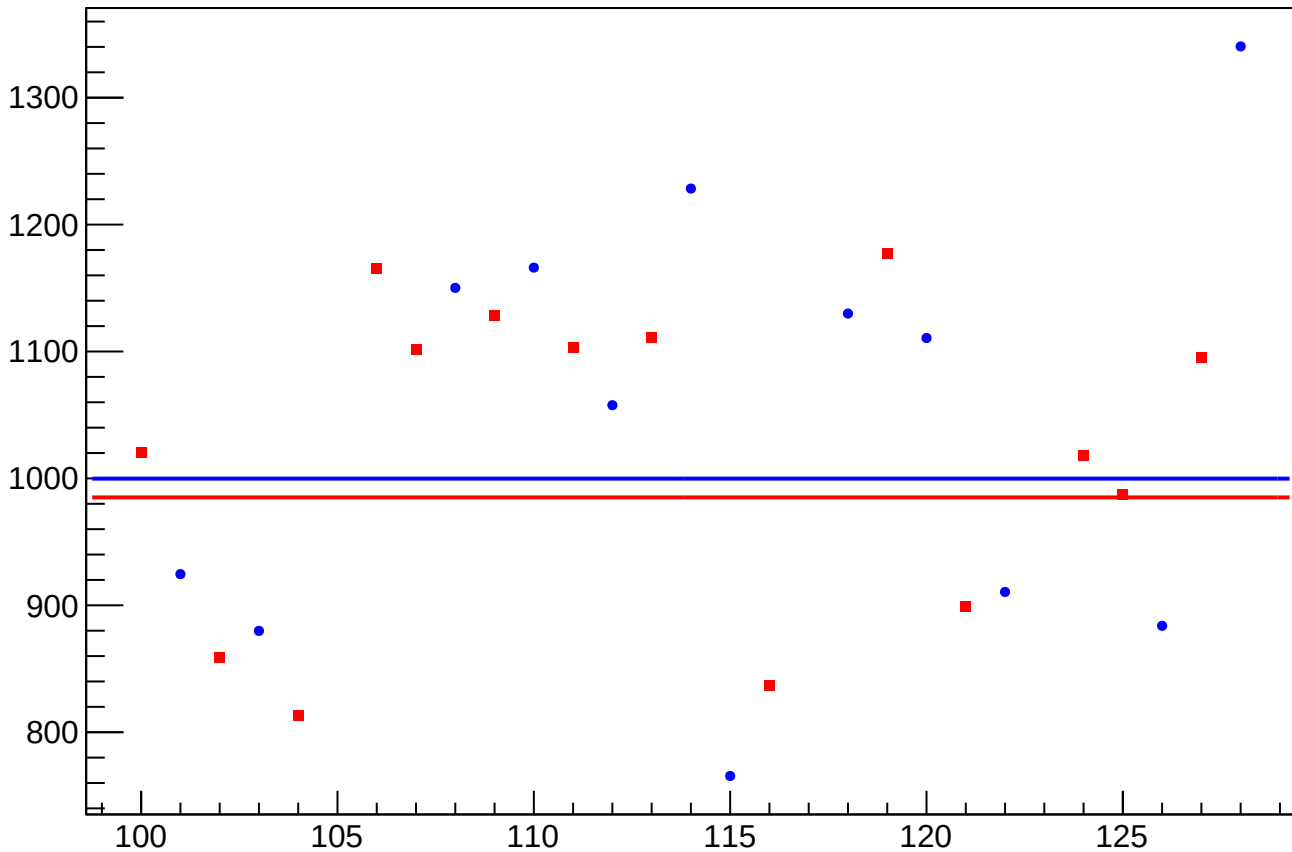
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 421.994+/-310.495 χ^2/NDF : 28.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_dit_correction_rms vs Slug



Right In: 999.823+/-0.320 χ^2/NDF : 203026.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 985.027+/-0.301 χ^2/NDF : 198313.4/13

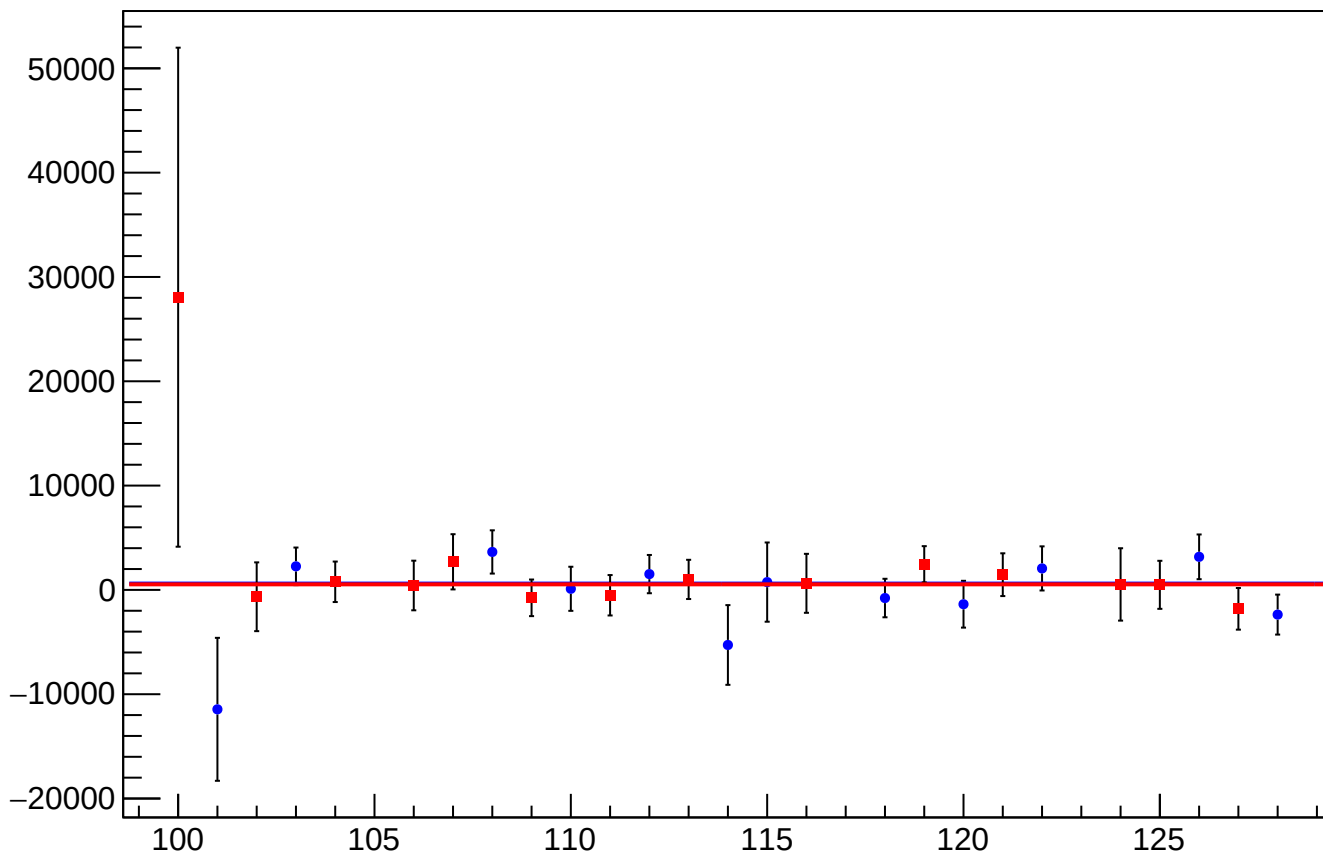
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 991.973+/-0.220 χ^2/NDF : 402470.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr1_dd_mean vs Slug



Right In: 604.315+/-641.911 χ^2/NDF : 14.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 532.602+/-600.801 χ^2/NDF : 5.9/13

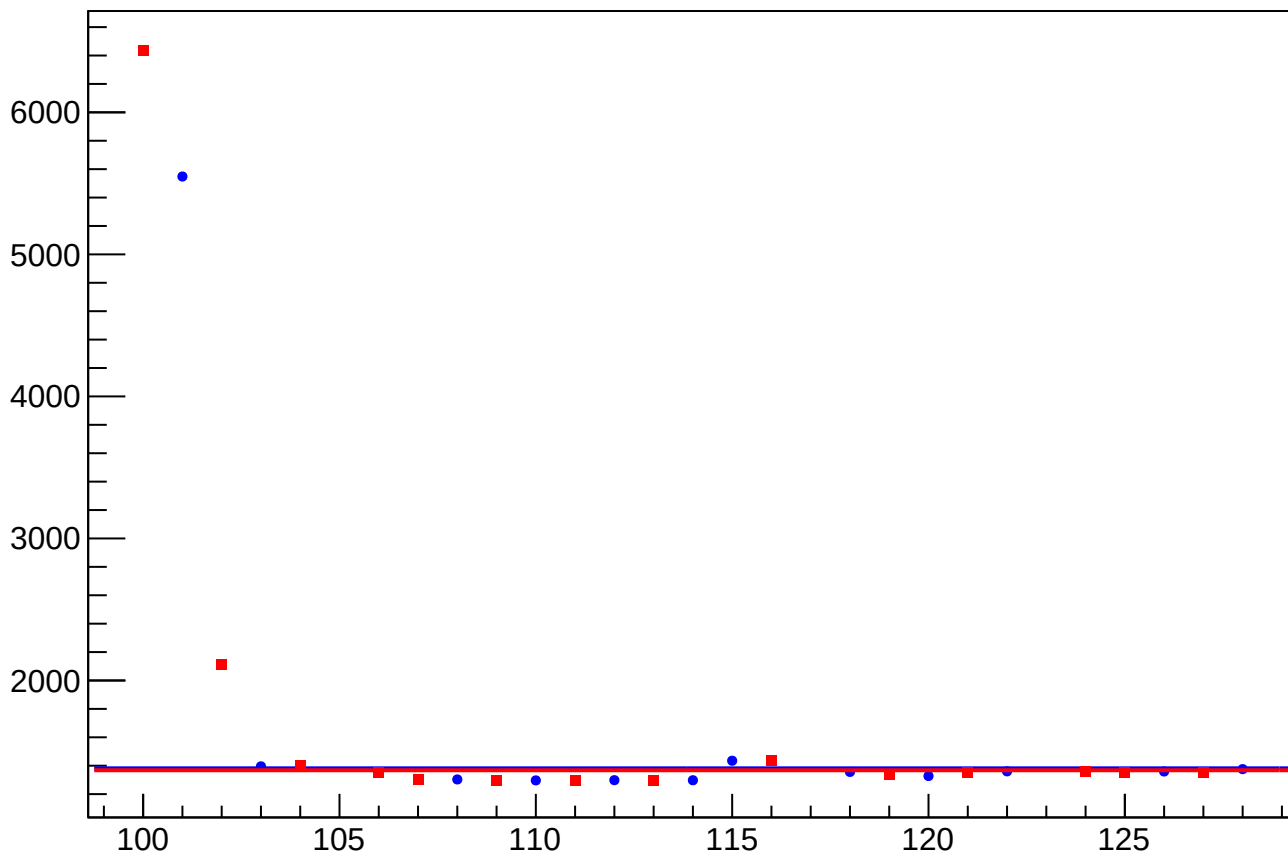
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 566.089+/-438.644 χ^2/NDF : 20.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr1_dd_rms vs Slug



Right In: 1381.462+/-0.454 χ^2/NDF : 753103.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1368.009+/-0.425 χ^2/NDF : 203714.5/13

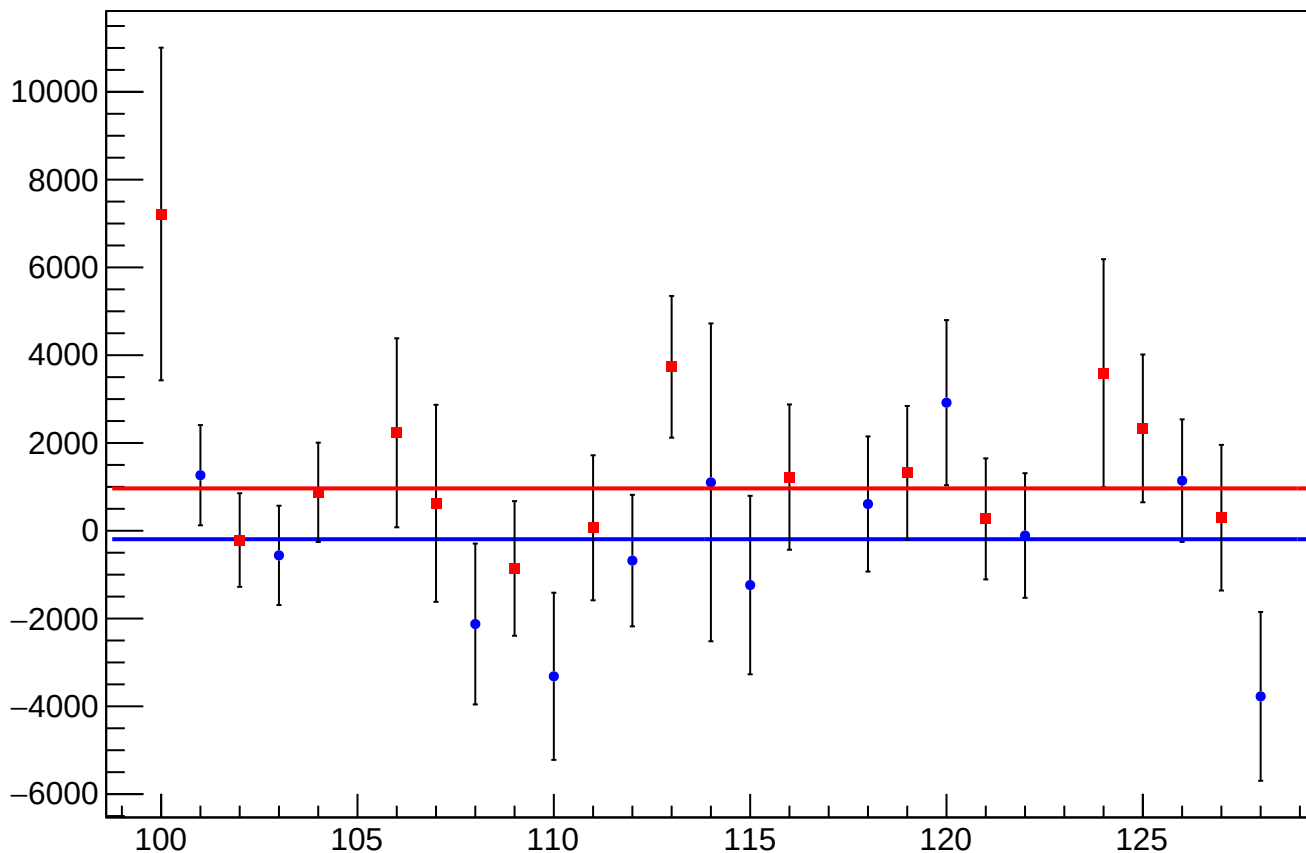
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1374.291+/-0.310 χ^2/NDF : 957286.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_dit_correction_mean vs Slug



Right In: -192.538+/-453.180 χ^2/NDF : 13.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 965.701+/-426.267 χ^2/NDF : 11.1/13

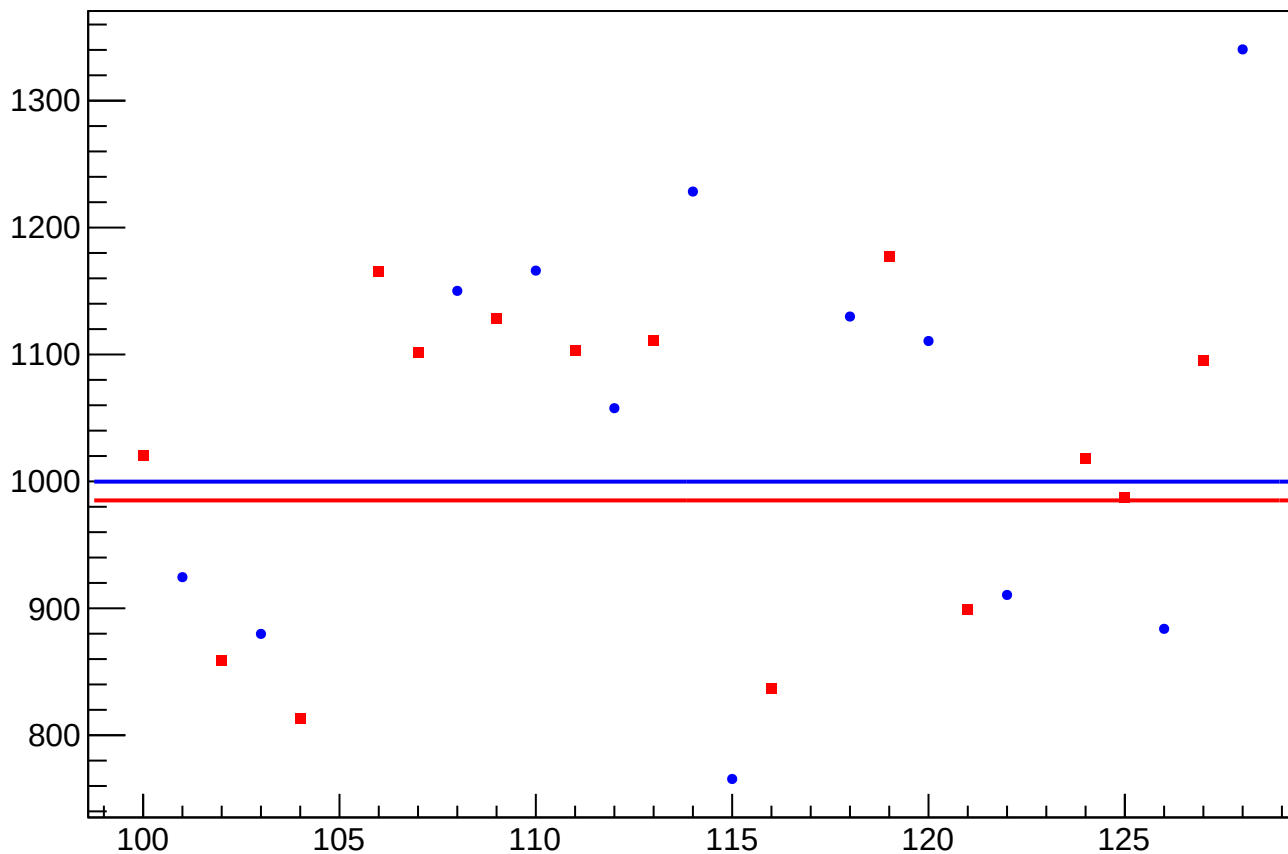
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 421.993+/-310.495 χ^2/NDF : 28.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_dit_correction_rms vs Slug



Right In: 999.821+/-0.320 χ^2/NDF : 203022.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 985.027+/-0.301 χ^2/NDF : 198308.8/13

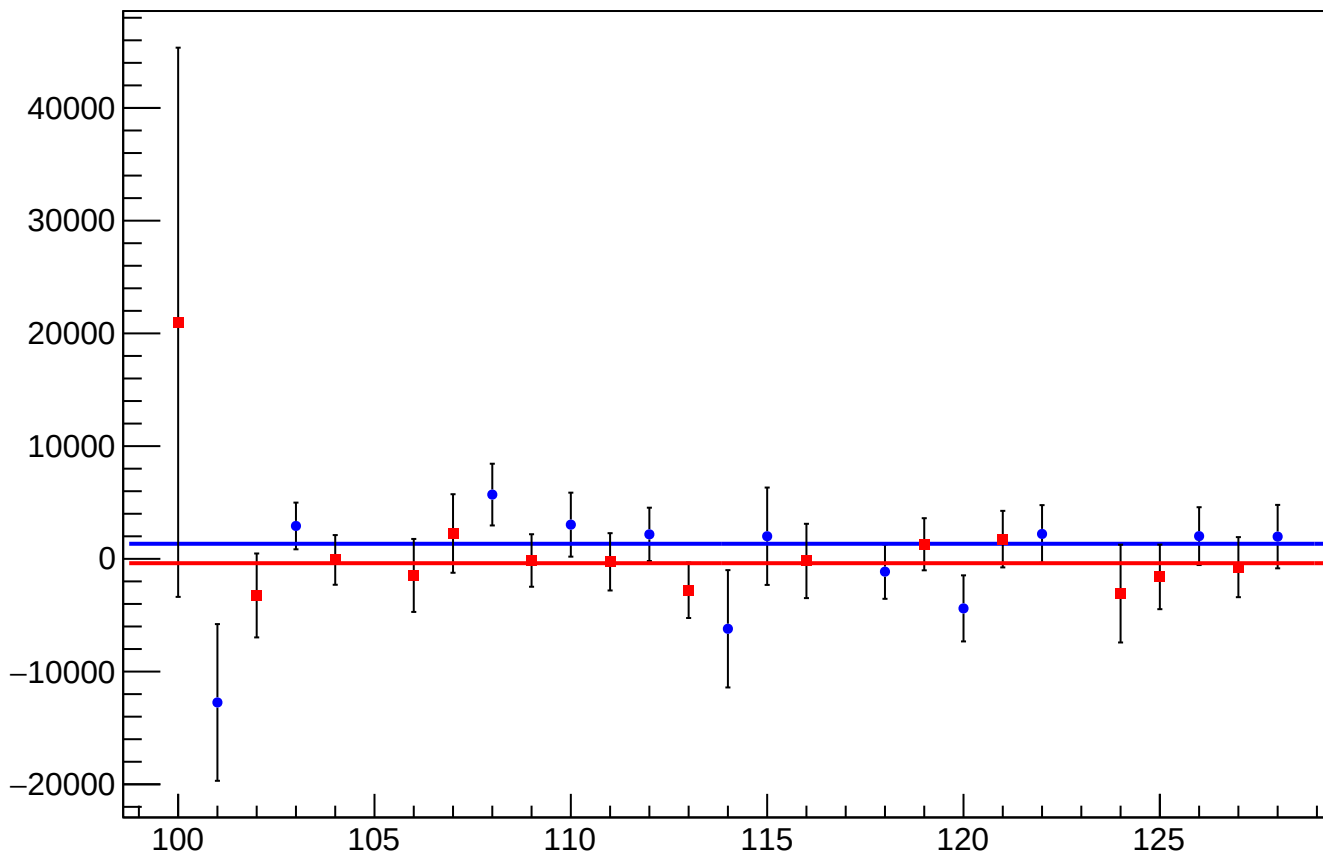
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 991.971+/-0.220 χ^2/NDF : 402461.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_mean vs Slug



Right In: 1337.689+/-816.309 χ^2/NDF : 14.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -385.652+/-763.382 χ^2/NDF : 4.9/13

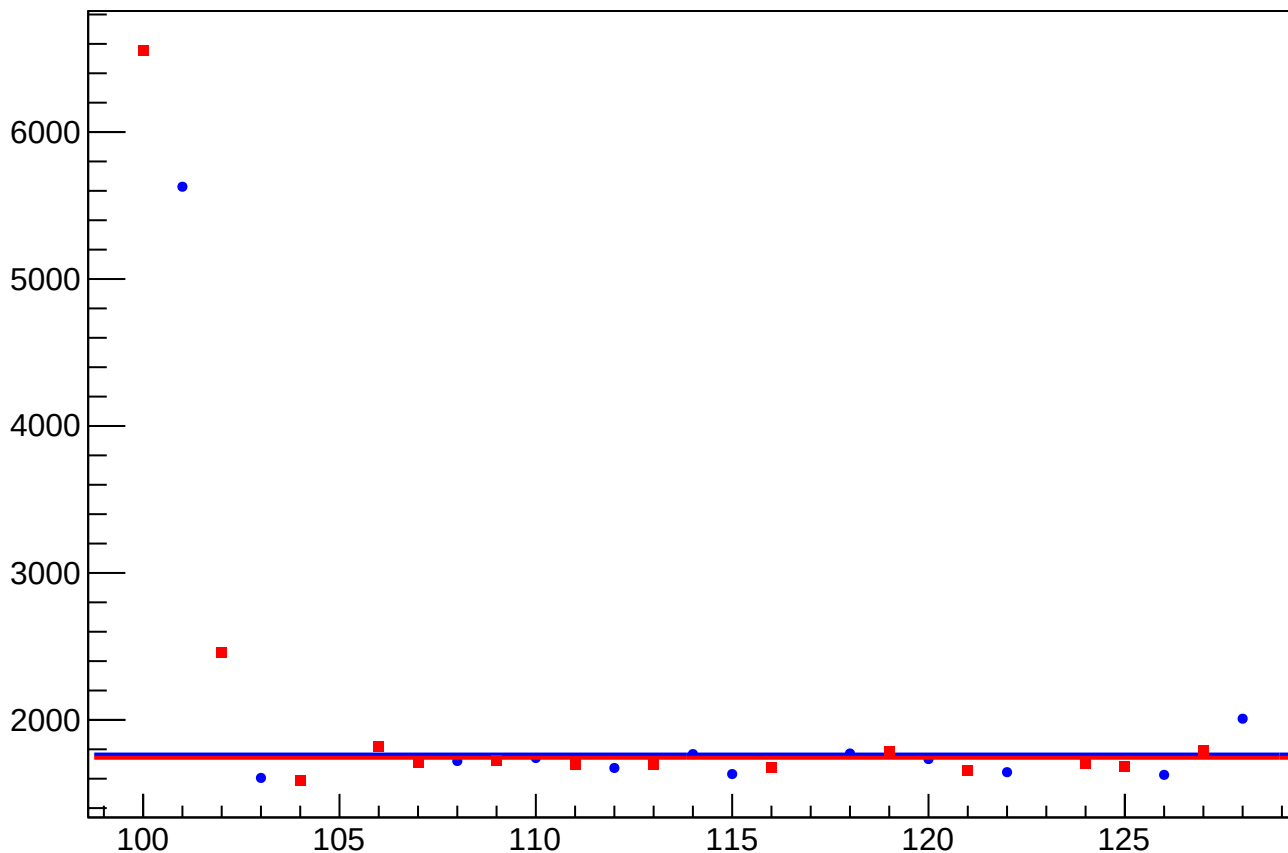
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 418.344+/-557.565 χ^2/NDF : 22.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_rms vs Slug



Right In: 1764.250+/-0.577 χ^2/NDF : 660805.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1742.506+/-0.540 χ^2/NDF : 170253.4/13

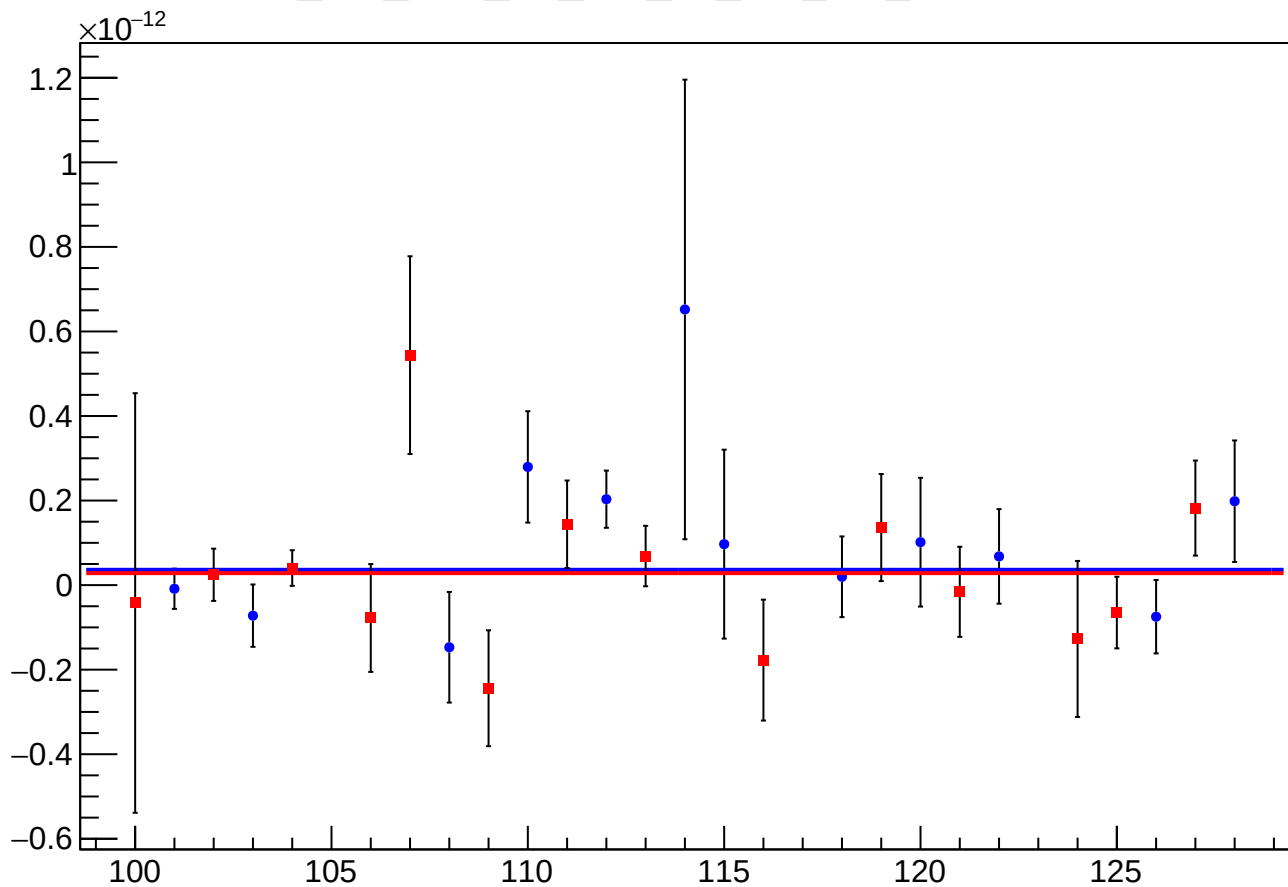
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1752.650+/-0.394 χ^2/NDF : 831815.4/25

- 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 : 19.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.9/13

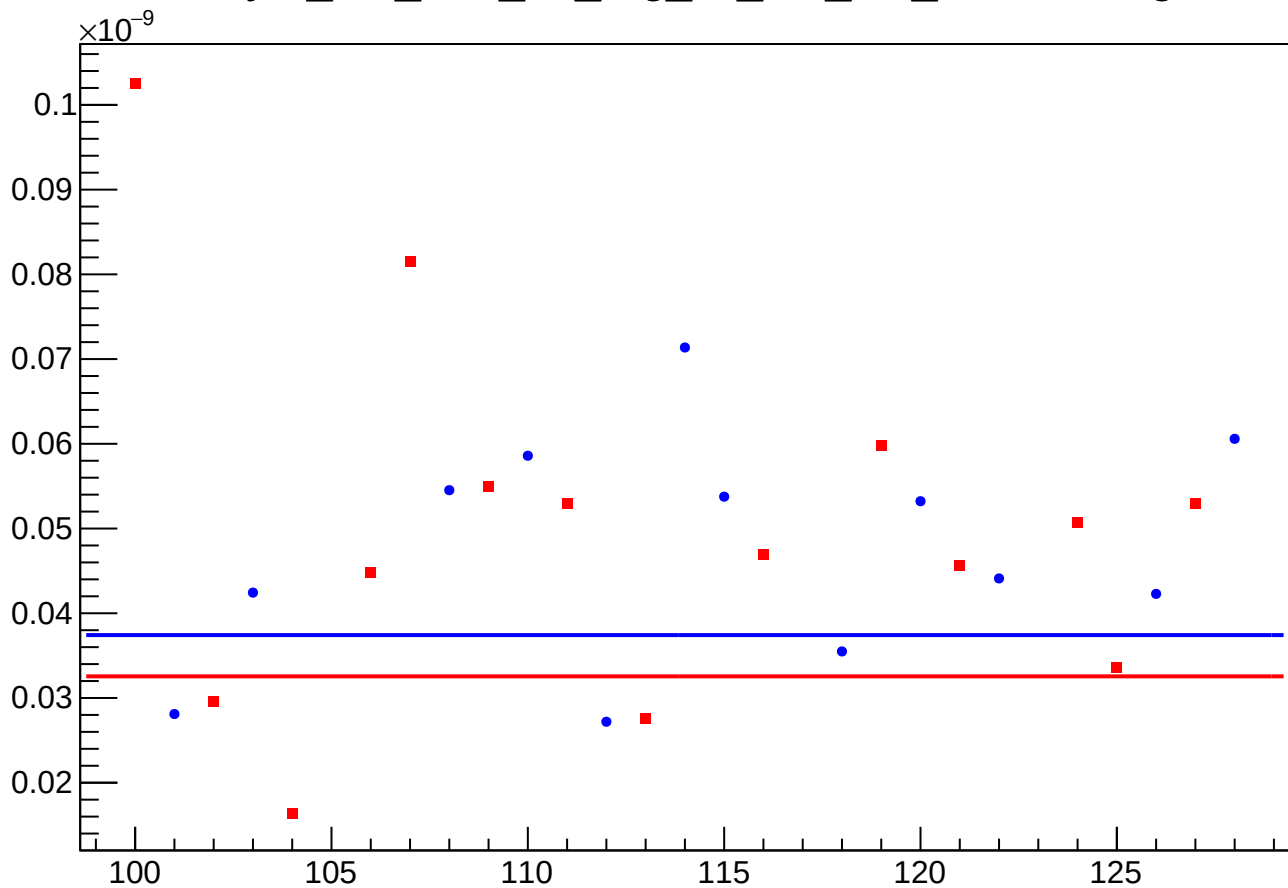
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 37.1/25

- 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 : 323771.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 816219.4/13

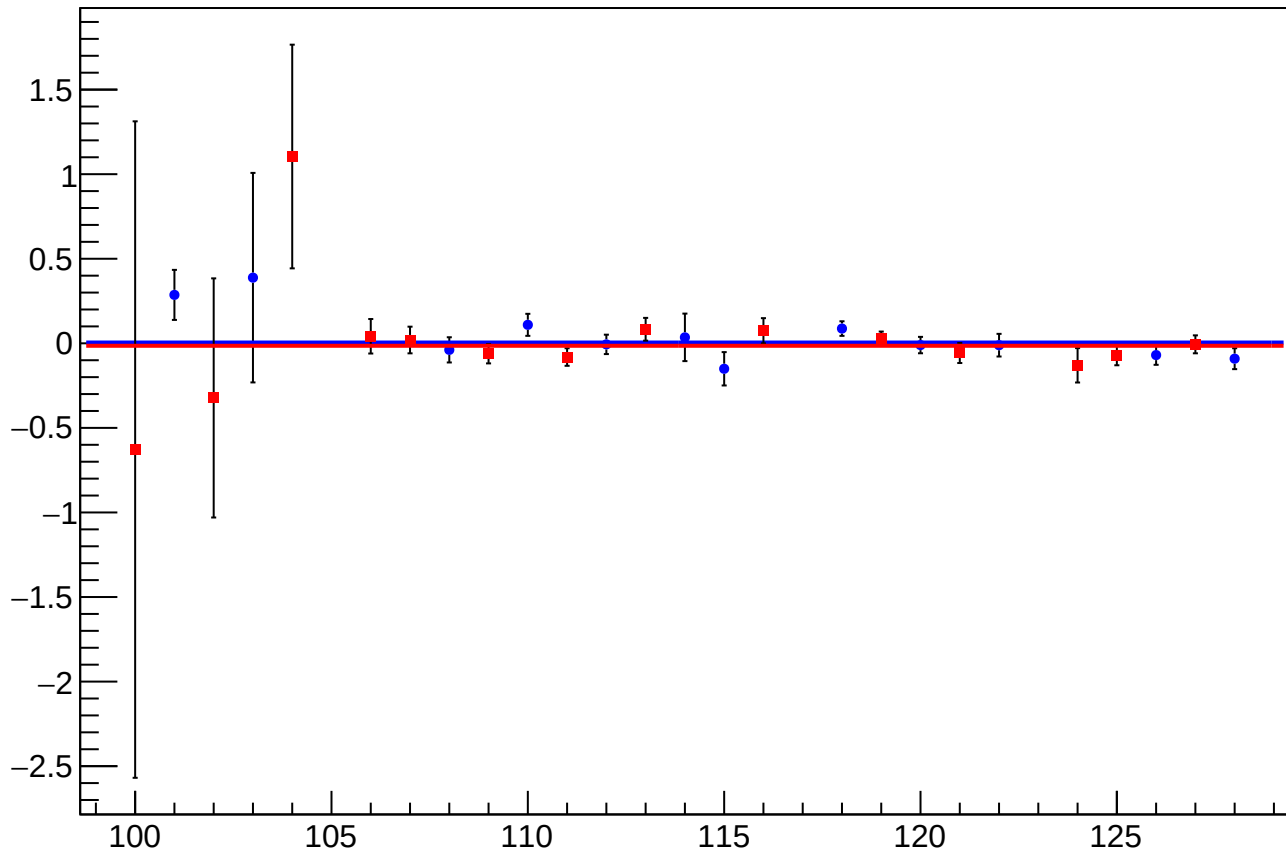
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1176388.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.005+/-0.019 χ^2/NDF : 17.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.015+/-0.018 χ^2/NDF : 13.2/13

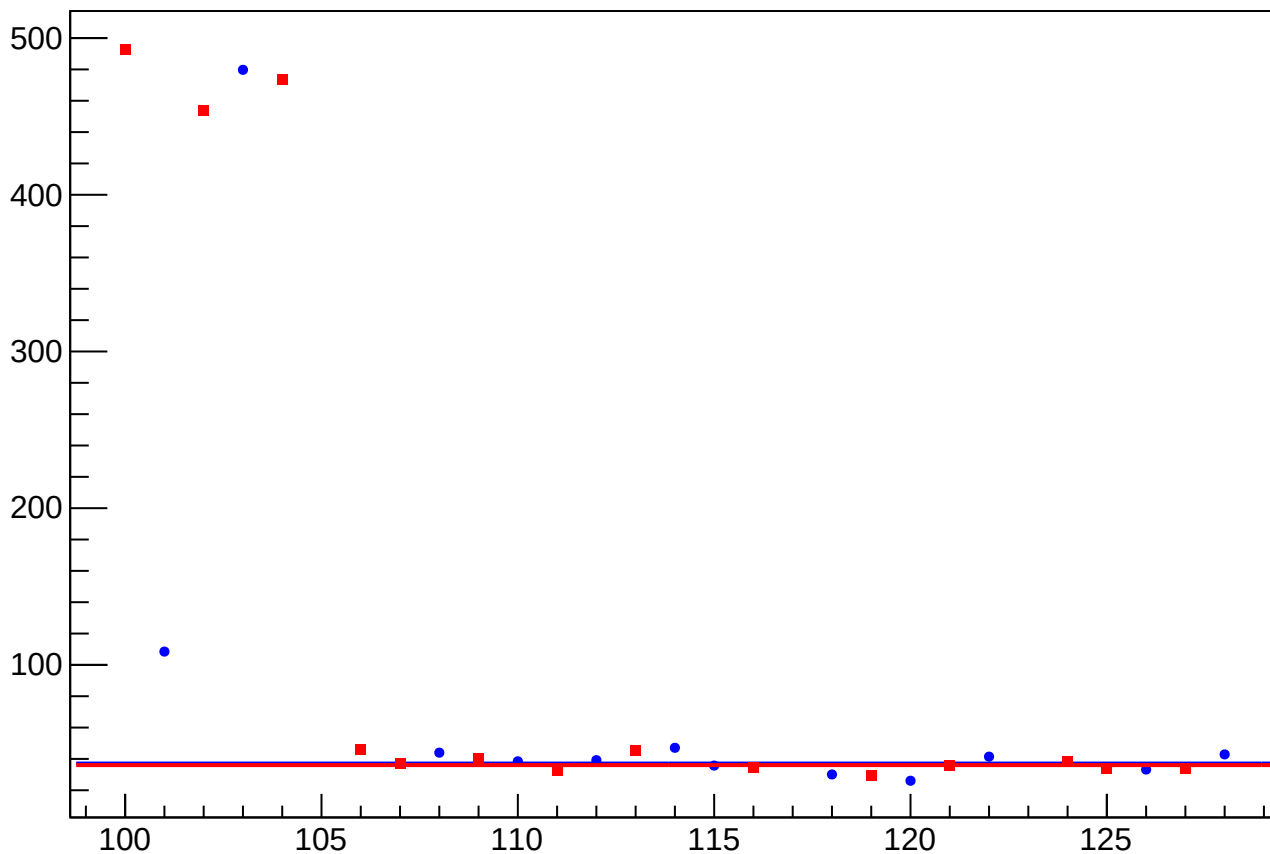
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.013 χ^2/NDF : 31.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_dit_vs_cor_diff_rms vs Slug



Right In: 37.035 $\pm$ 0.014 χ^2 /NDF: 1710206.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.048 $\pm$ 0.013 χ^2 /NDF: 1813299.1/13

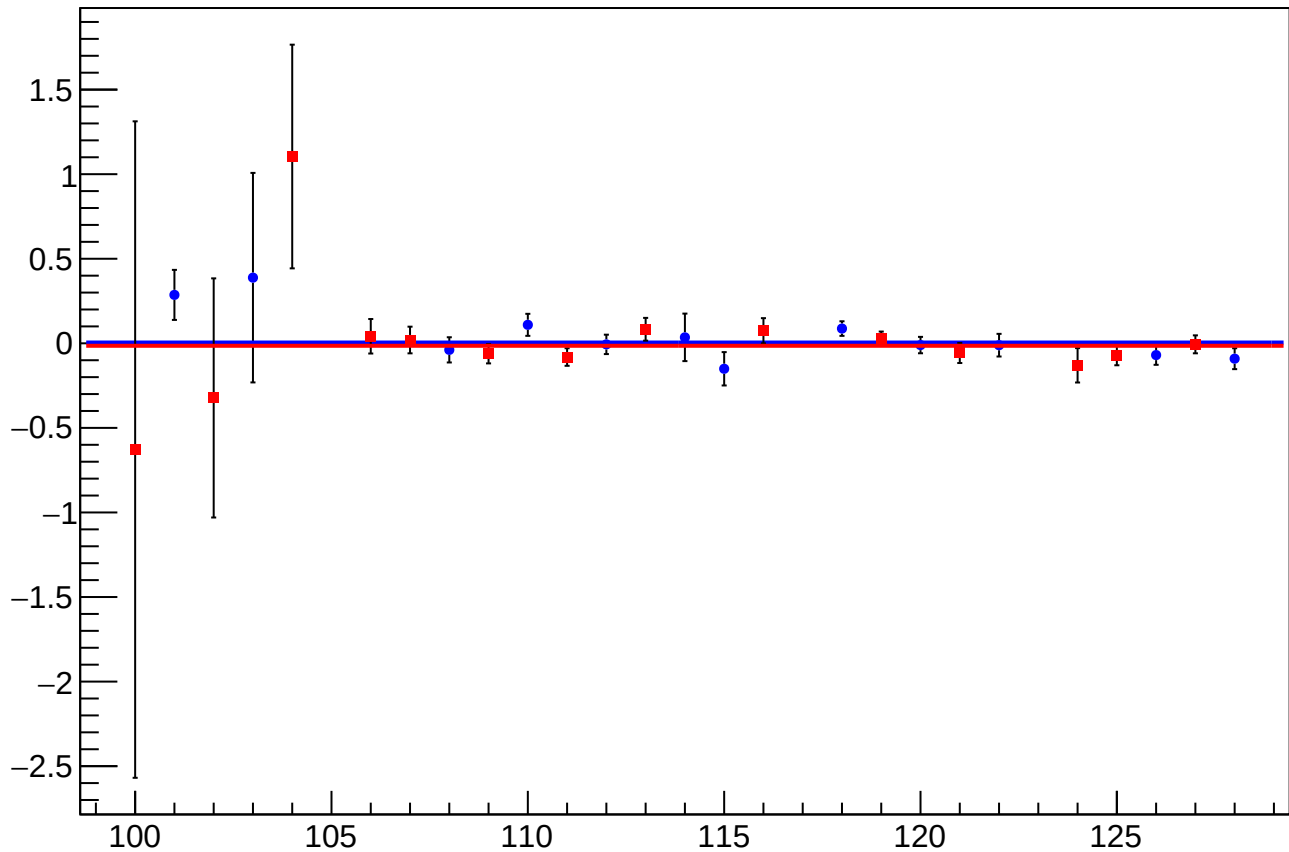
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.519 $\pm$ 0.009 χ^2 /NDF: 3526232.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.005+/-0.019 χ^2/NDF : 17.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.015+/-0.018 χ^2/NDF : 13.2/13

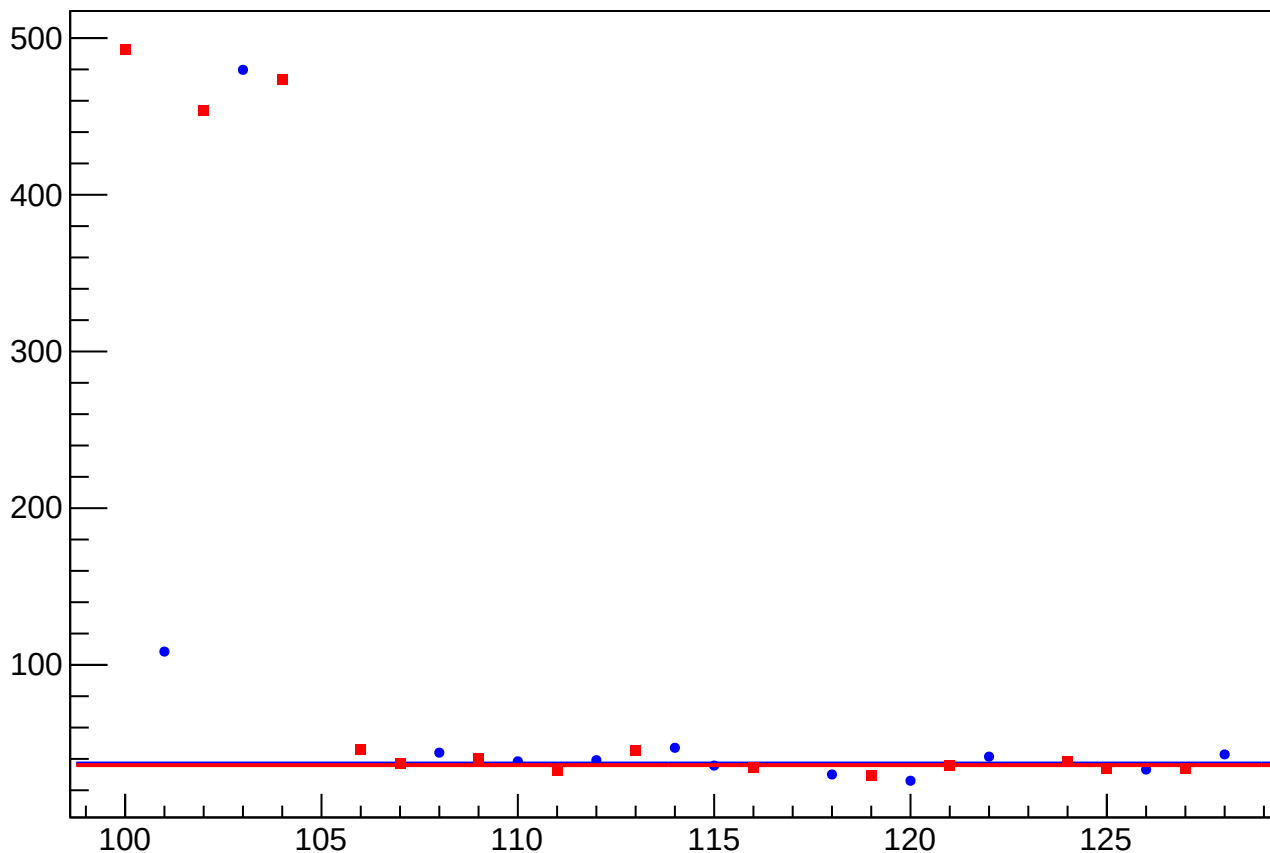
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.013 χ^2/NDF : 31.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 37.035+/-0.014 χ^2/NDF : 1710206.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.048+/-0.013 χ^2/NDF : 1813299.1/13

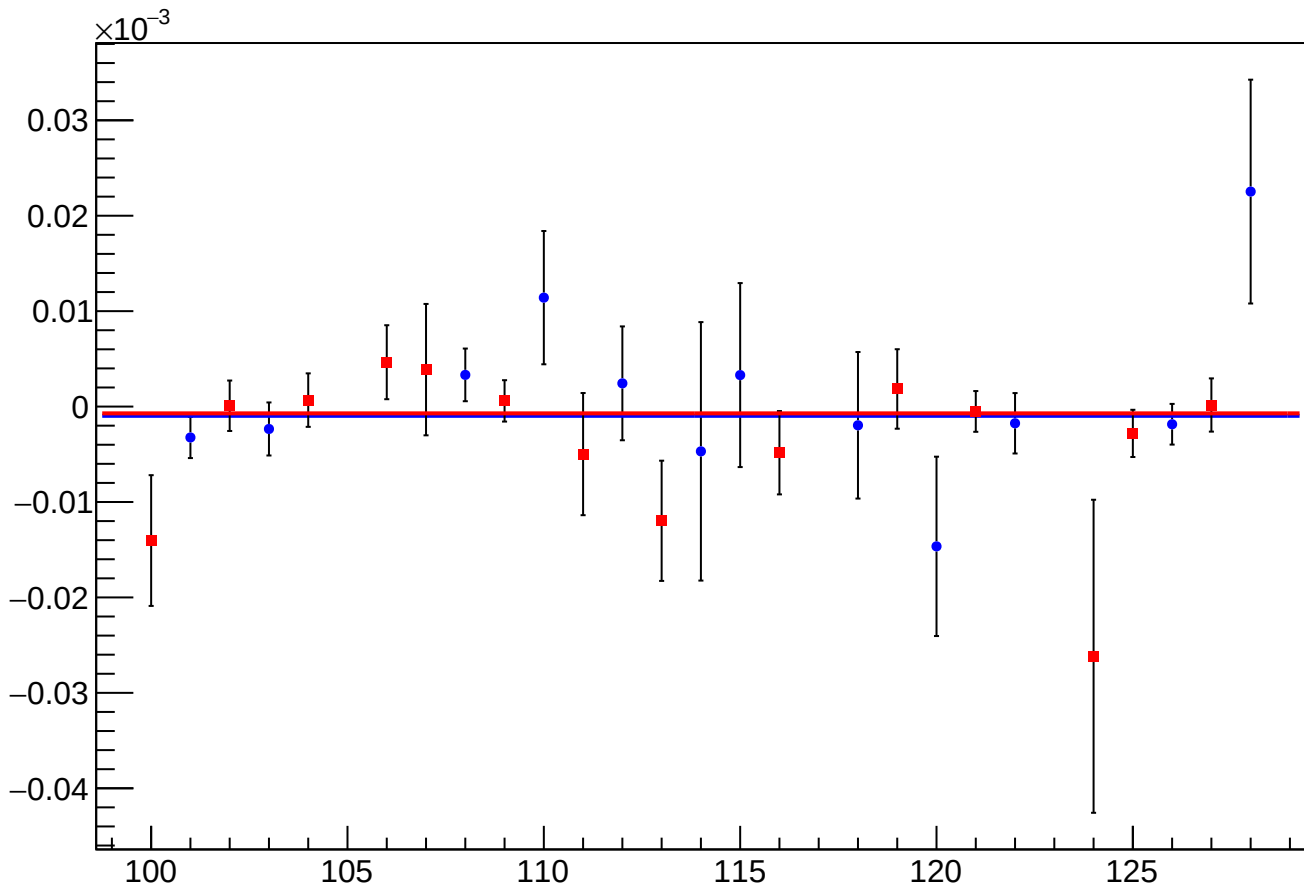
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.519+/-0.009 χ^2/NDF : 3526232.0/25

- 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: 13.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.0/13

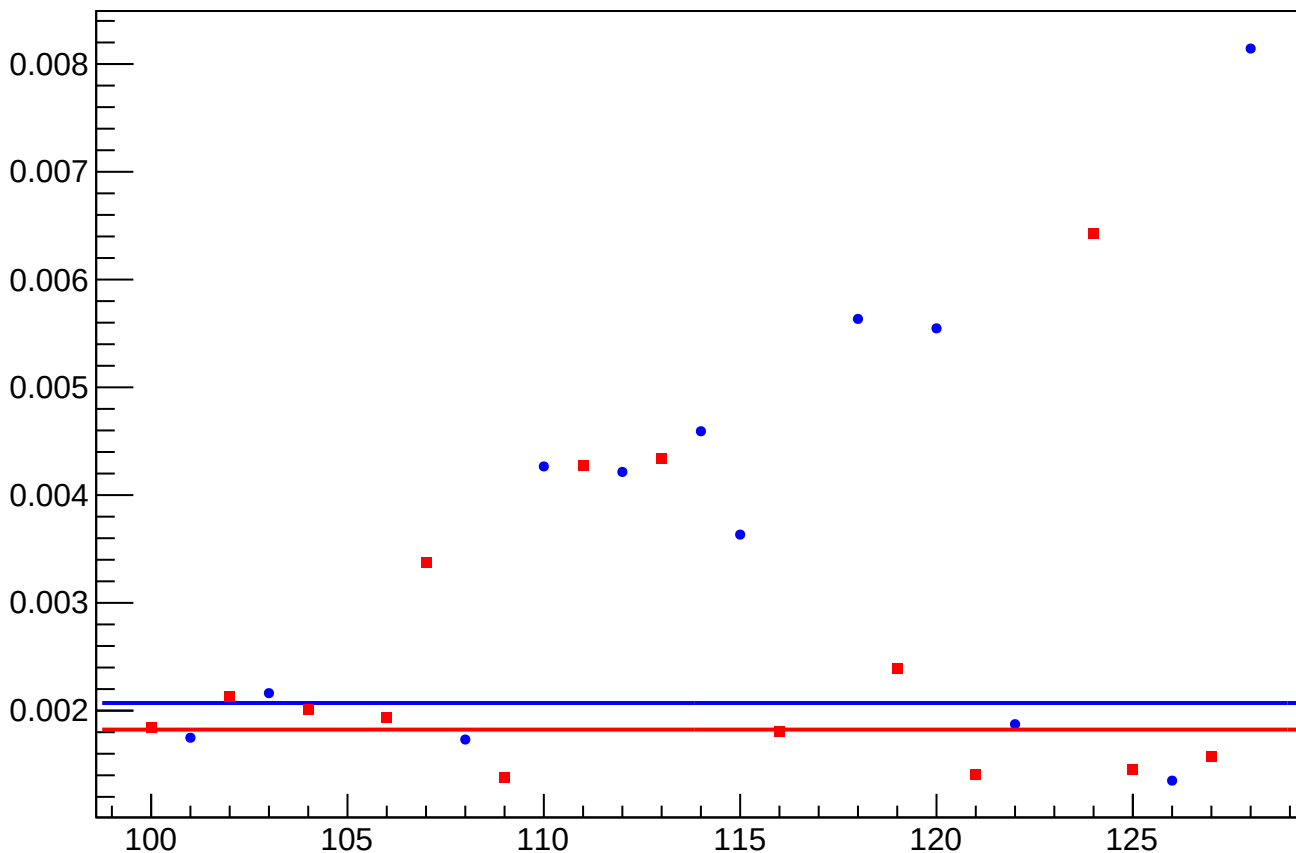
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 28.9/25

- 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 : 2131425.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1170804.4/13

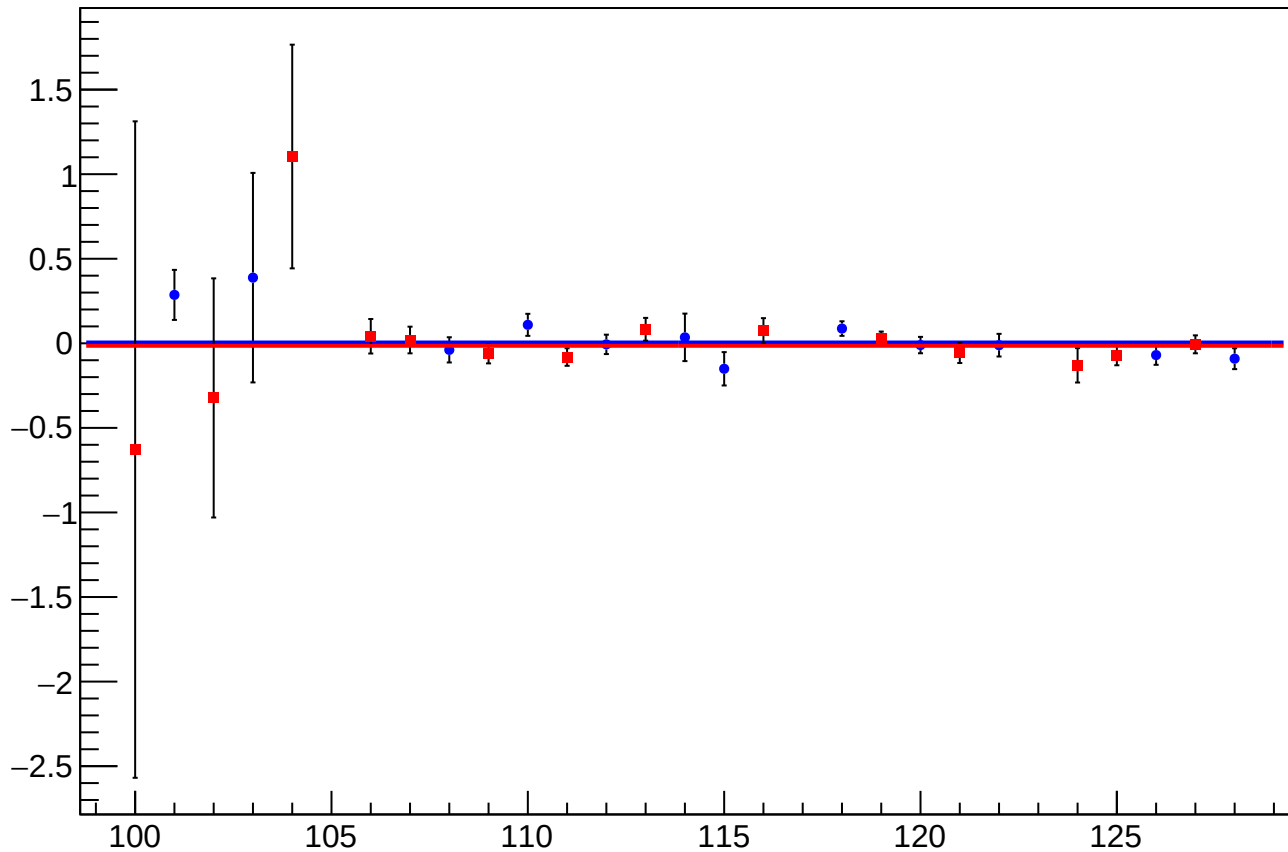
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3366075.9/25

- 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: 0.005 $\pm$ 0.019 χ^2 /NDF: 17.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.015 $\pm$ 0.018 χ^2 /NDF: 13.2/13

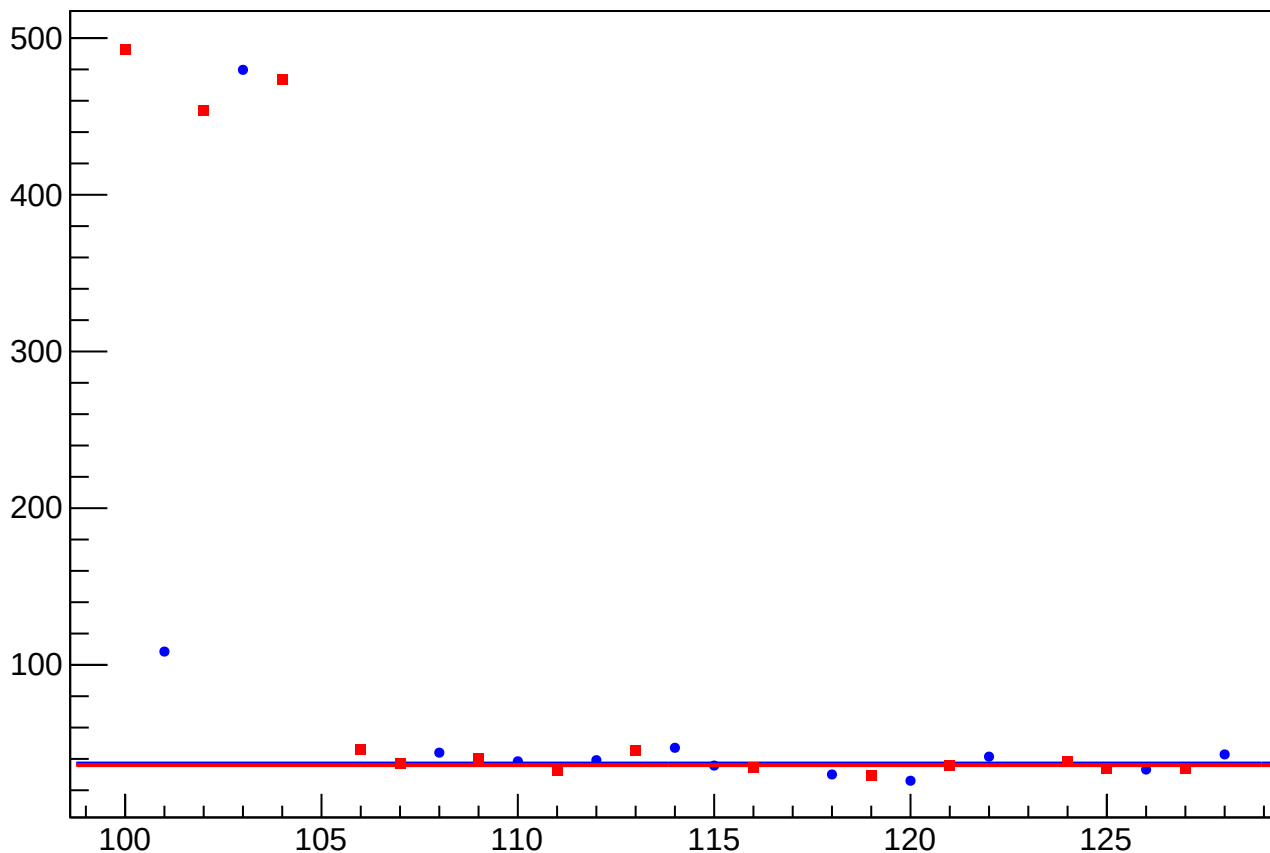
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.013 χ^2 /NDF: 31.1/25

- 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: 37.035+/-0.014 χ^2/NDF : 1710213.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.046+/-0.013 χ^2/NDF : 1813358.2/13

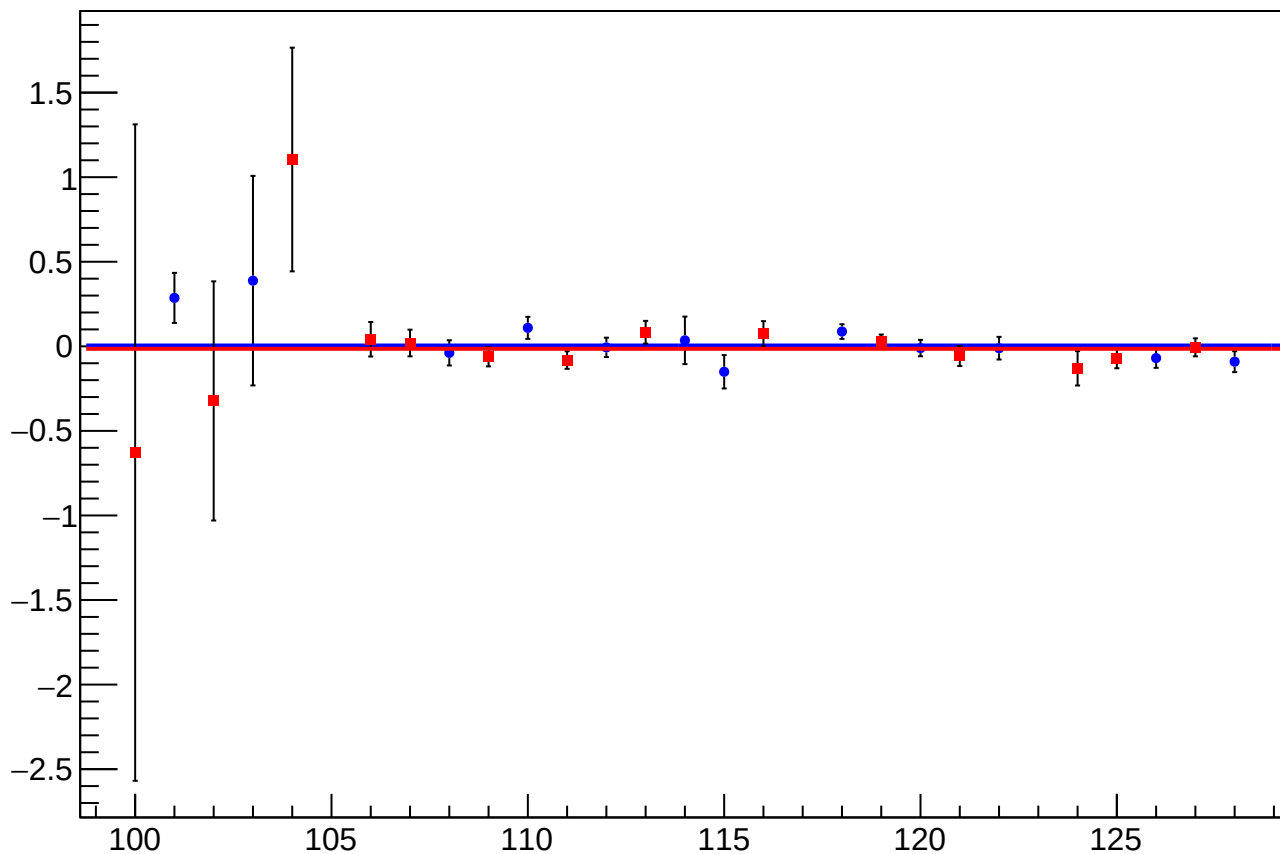
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.518+/-0.009 χ^2/NDF : 3526303.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.005+/-0.019 χ^2/NDF : 17.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.015+/-0.018 χ^2/NDF : 13.2/13

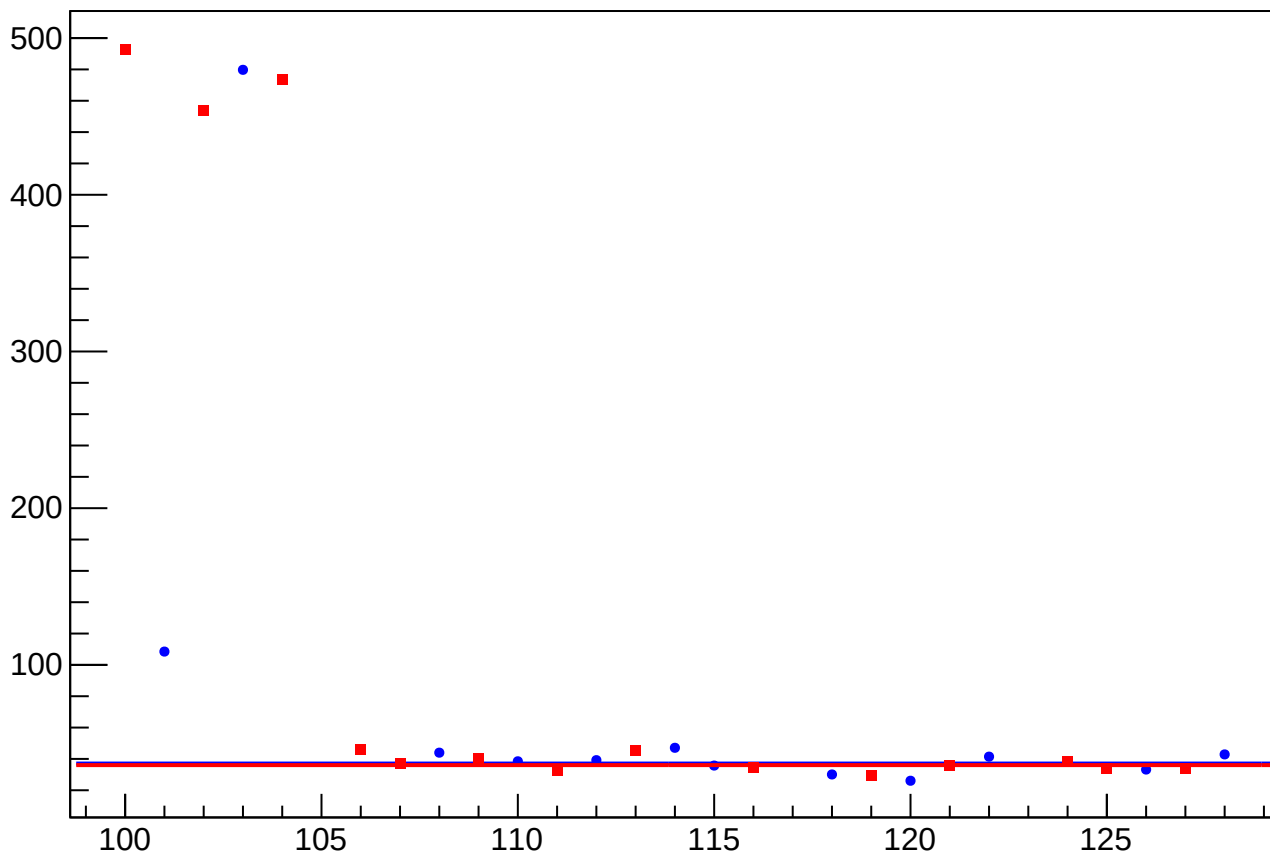
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.013 χ^2/NDF : 31.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 37.035 $\pm$ 0.014 χ^2 /NDF: 1710213.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.046 $\pm$ 0.013 χ^2 /NDF: 1813358.2/13

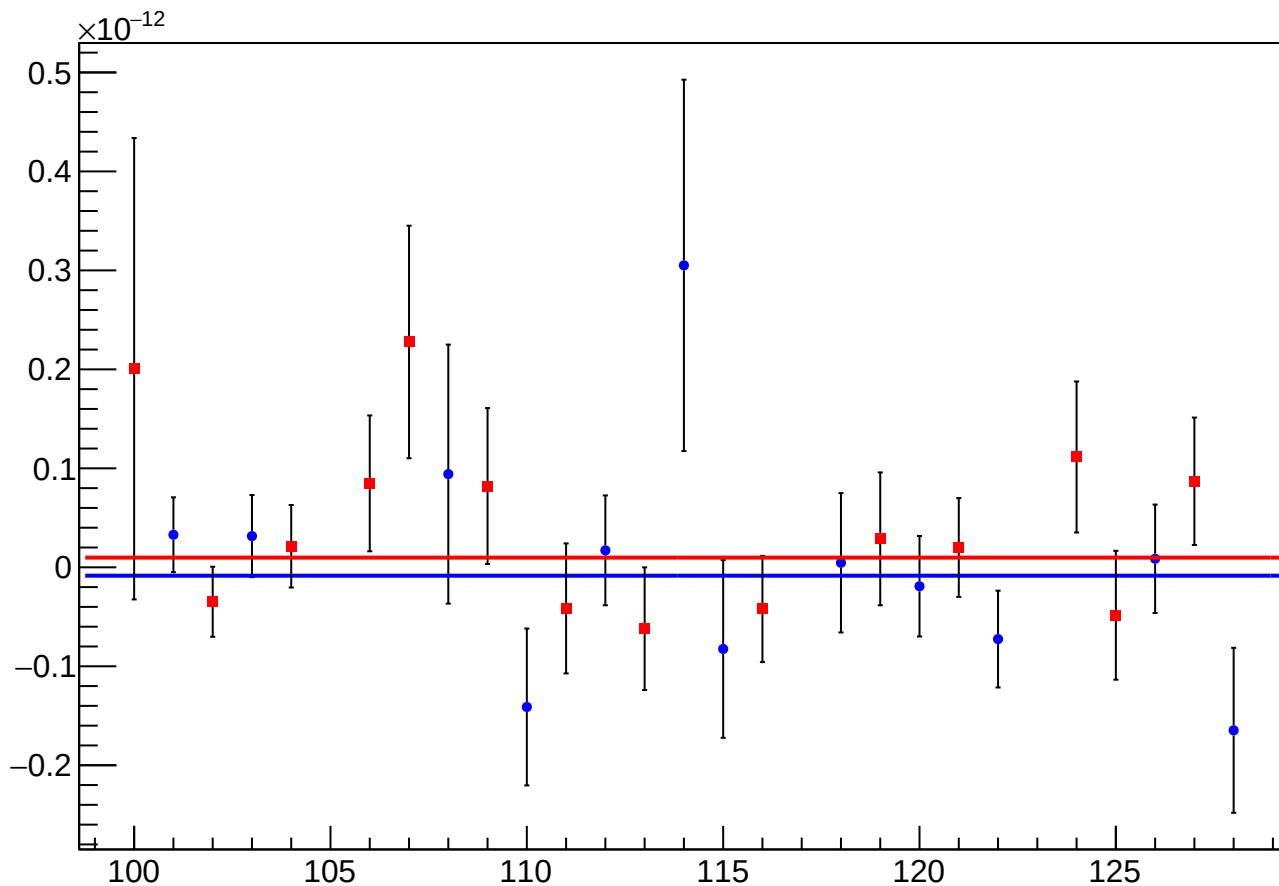
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.518 $\pm$ 0.009 χ^2 /NDF: 3526303.0/25

- sign 0.000 $\pm$ 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 : 14.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.8/13

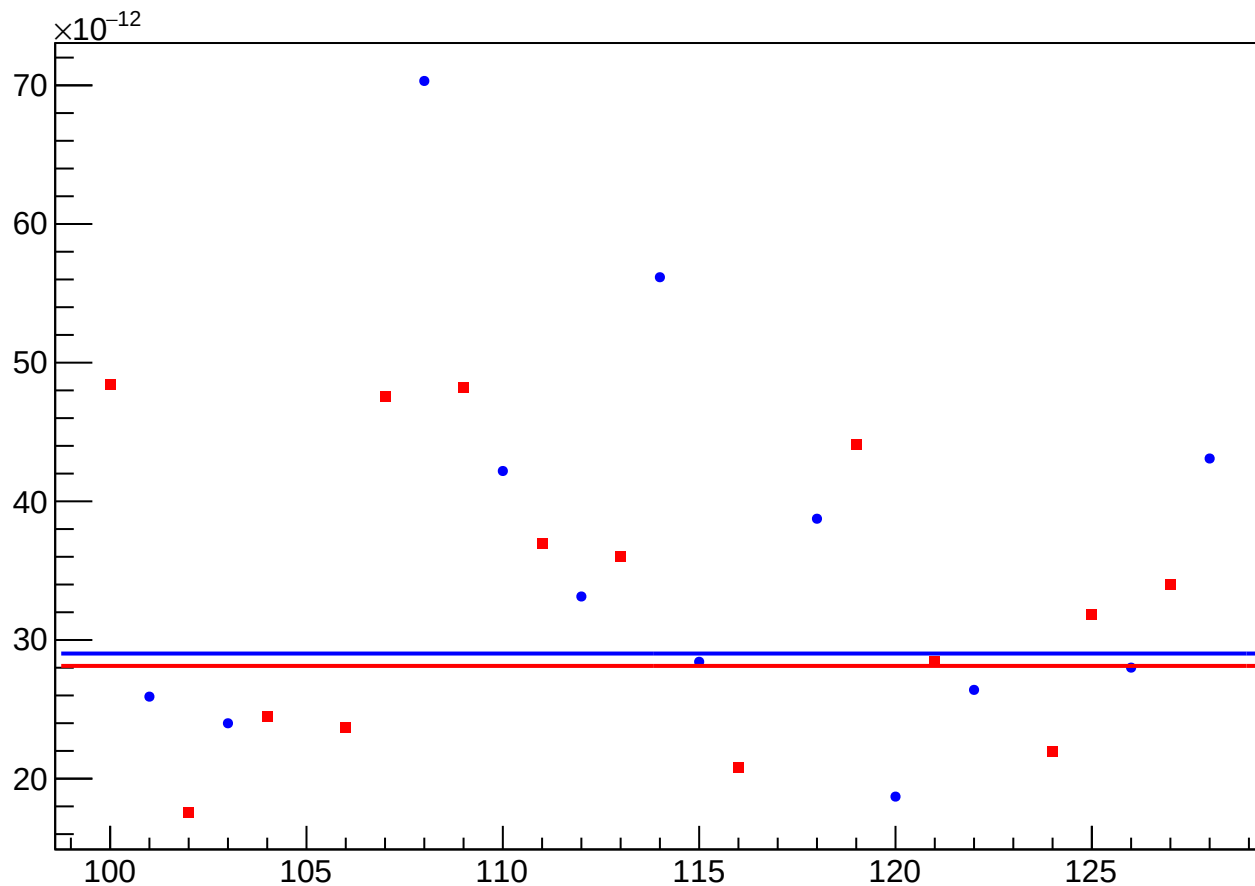
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.1/25

- 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 : 534275.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 657724.0/13

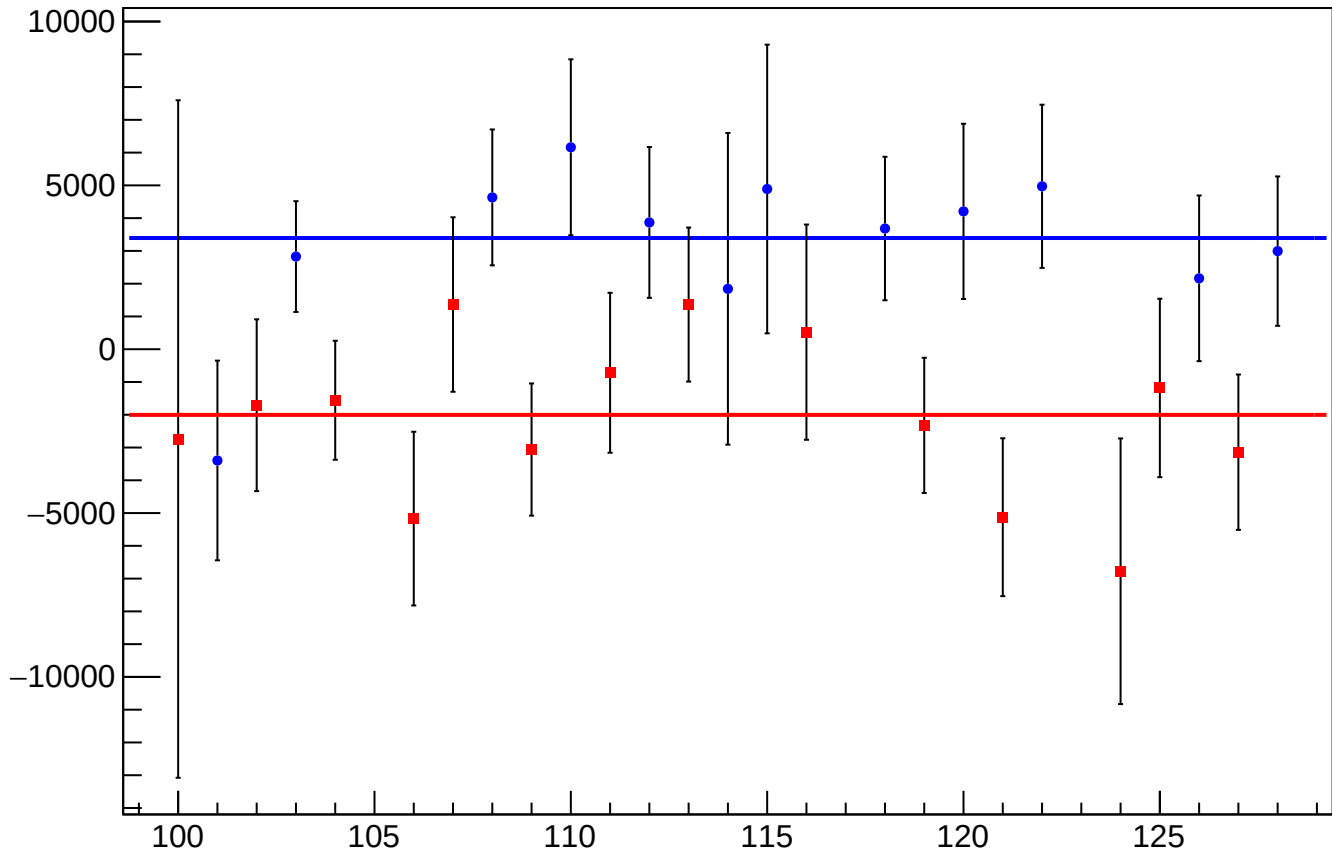
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1194938.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_avg_mean vs Slug



Right In: 3393.798+/-712.022 χ^2/NDF : 7.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2003.764+/-672.614 χ^2/NDF : 9.7/13

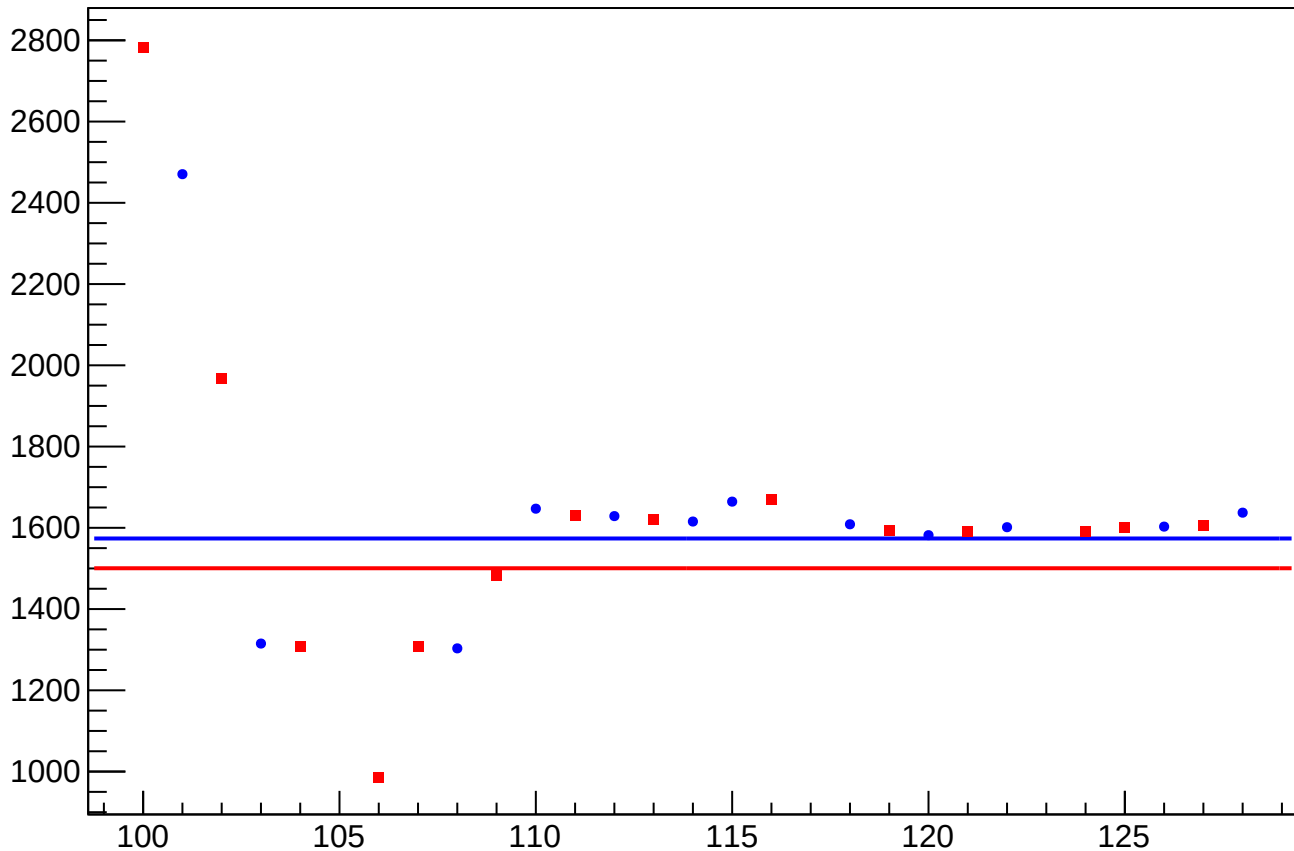
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.523+/-488.948 χ^2/NDF : 47.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_avg_rms vs Slug



Right In: 1573.726+/-0.503 χ^2/NDF : 260372.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

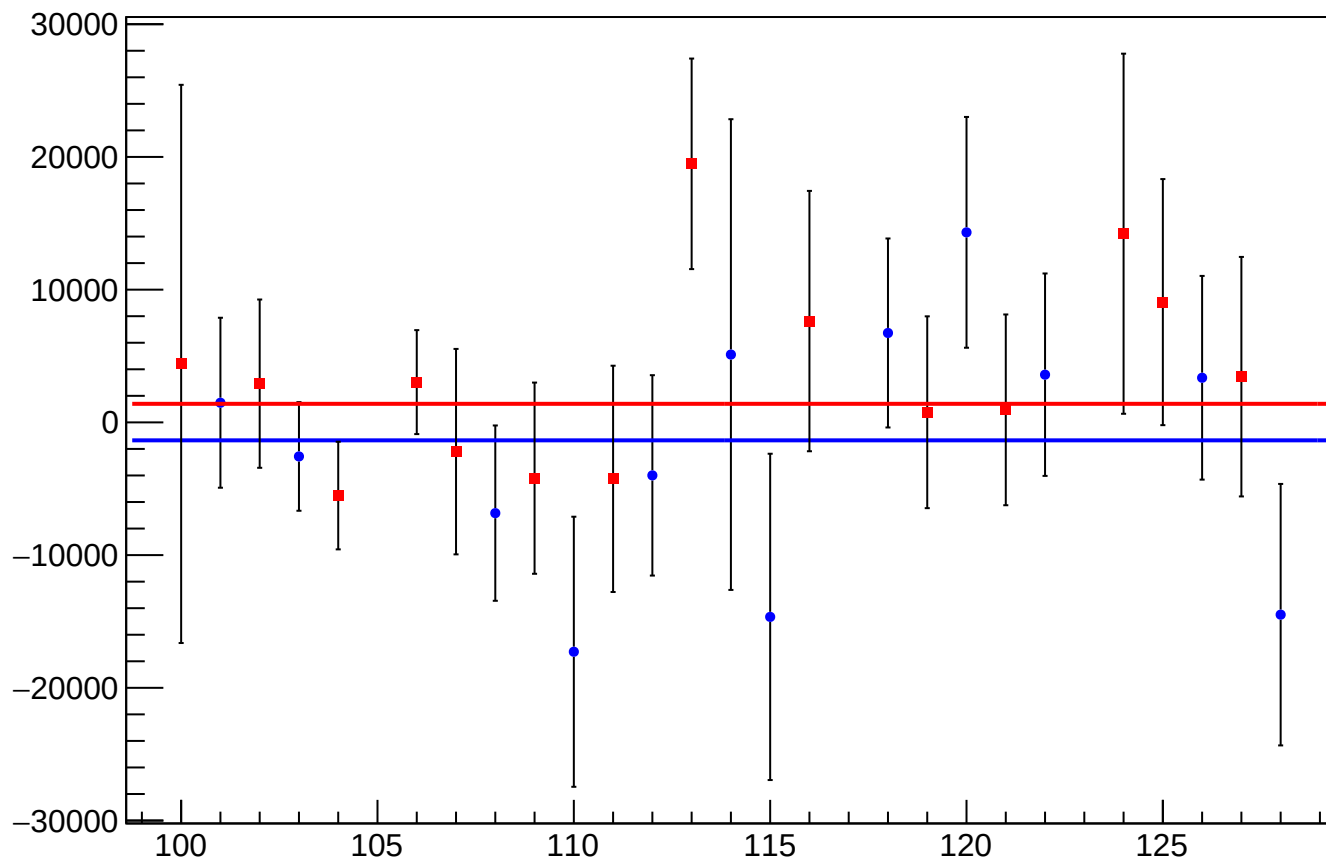
Right Out: 1500.453+/-0.465 χ^2/NDF : 285663.5/13

All: 1534.207+/-0.342 χ^2/NDF : 557459.1/25

- 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: -1353.474+/-2125.090 χ^2/NDF : 12.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1398.361+/-1834.819 χ^2/NDF : 11.7/13

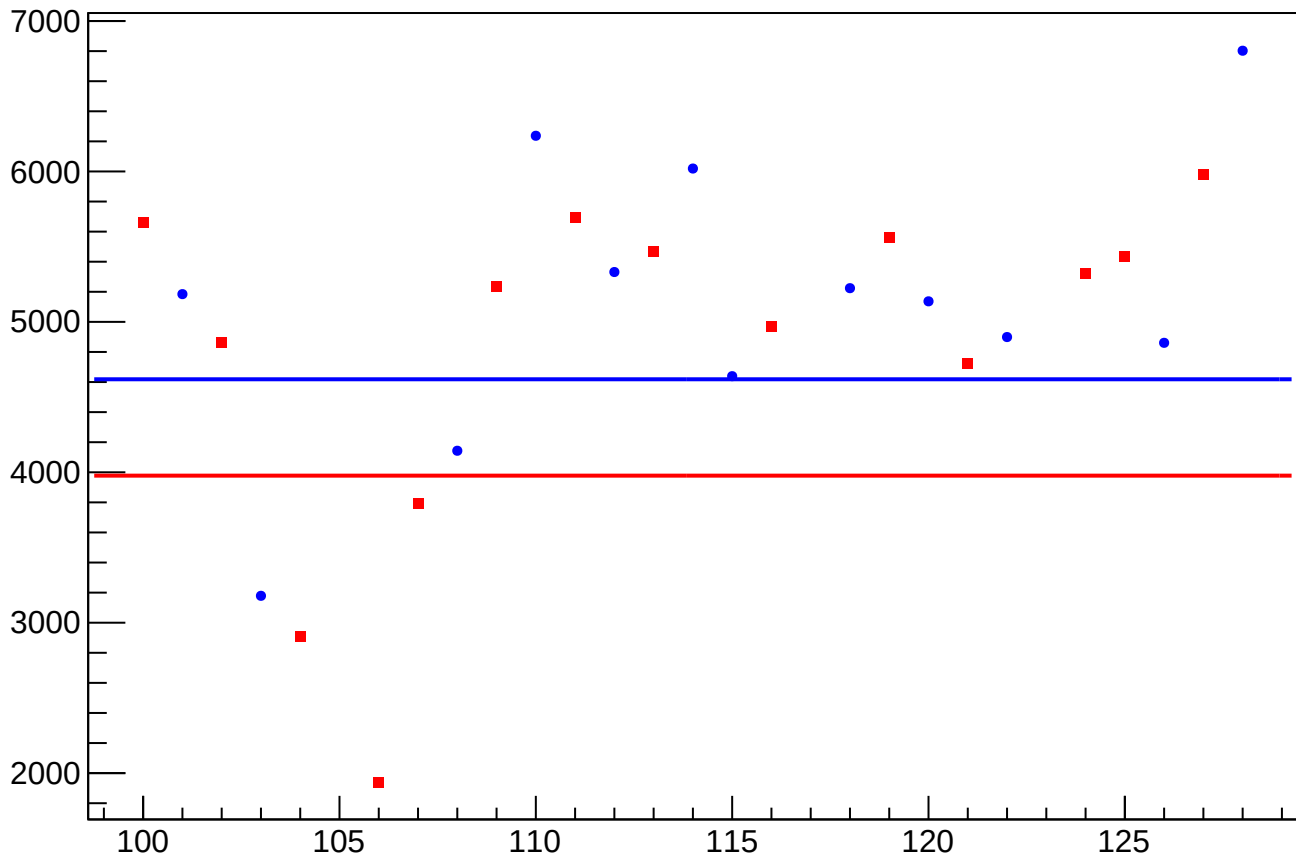
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 223.082+/-1388.790 χ^2/NDF : 24.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_reg_correction_rms vs Slug



Right In: 4618.360+/-1.503 χ^2/NDF : 478938.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

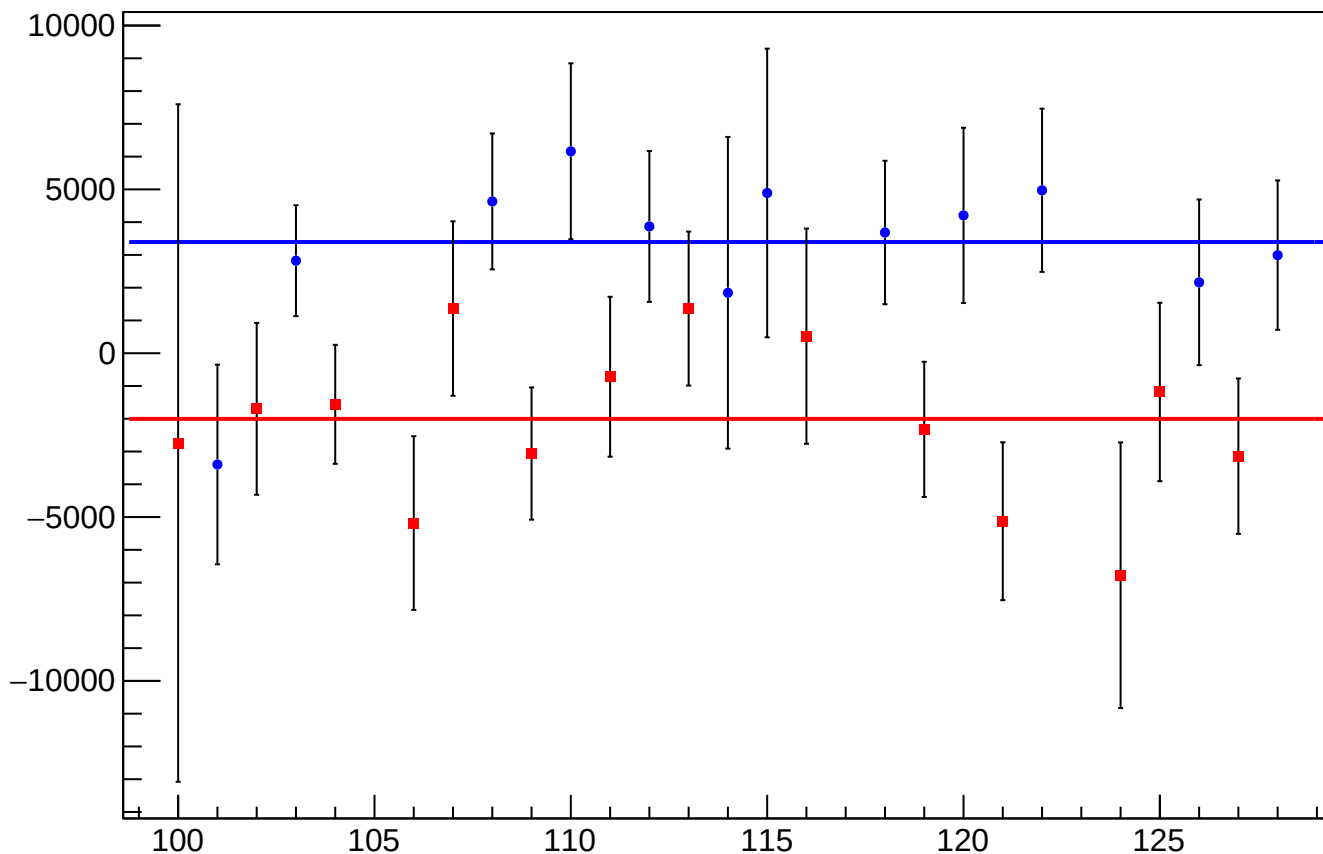
Right Out: 3977.710+/-1.297 χ^2/NDF : 1252000.9/13

All: 4251.324+/-0.982 χ^2/NDF : 1835076.4/25

- 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: 3393.337 $\pm$ 712.022 χ^2 /NDF: 7.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2003.856 $\pm$ 672.619 χ^2 /NDF: 9.7/13

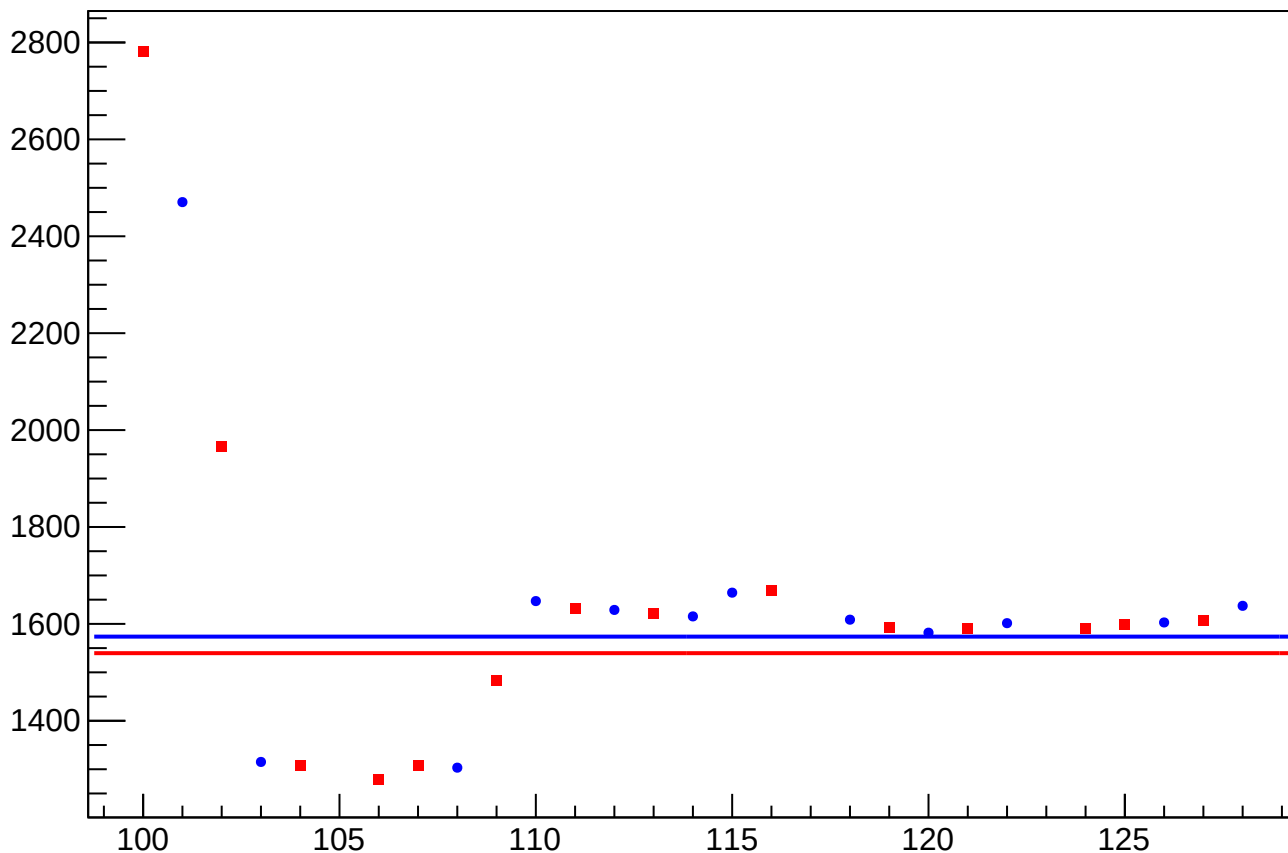
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 541.274 $\pm$ 488.950 χ^2 /NDF: 47.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usr_atr2_avg_rms vs Slug



Right In: 1573.727 $\pm$ 0.503 χ^2 /NDF: 260371.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1539.579 $\pm$ 0.473 χ^2 /NDF: 167476.5/13

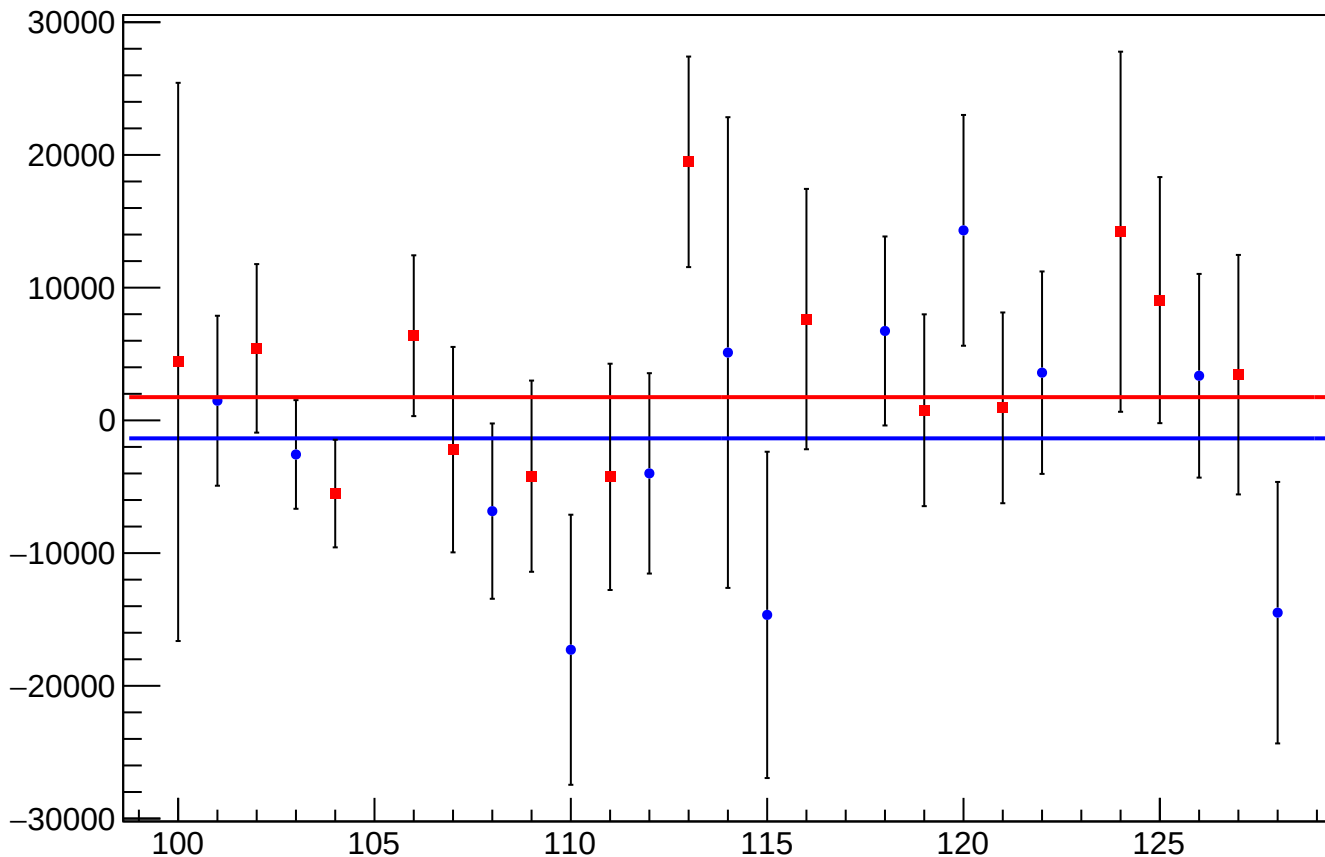
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1555.594 $\pm$ 0.345 χ^2 /NDF: 430290.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_cor_correction_mean vs Slug



Right In: -1353.791+/-2125.148 χ^2/NDF : 12.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1750.691+/-1964.833 χ^2/NDF : 12.5/13

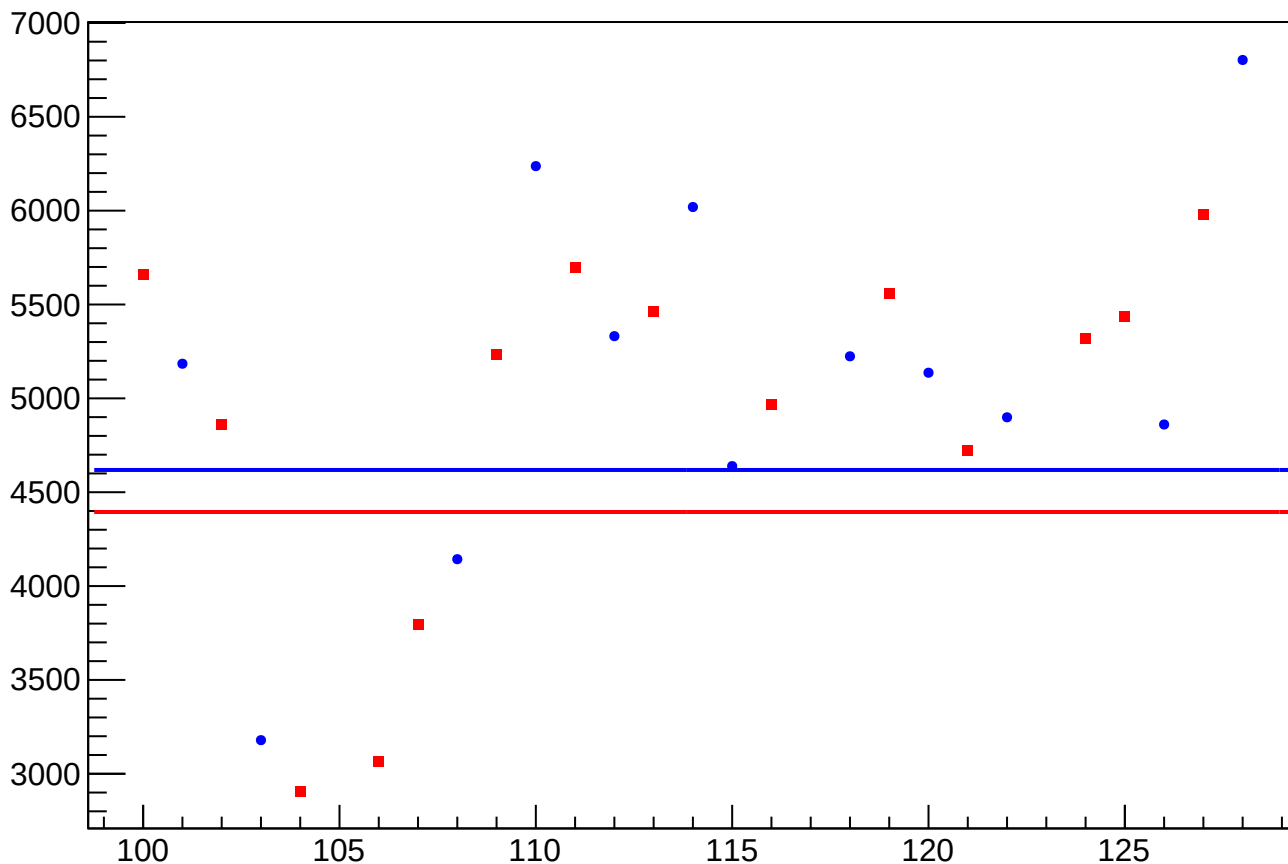
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 319.950+/-1442.697 χ^2/NDF : 25.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_cor_correction_rms vs Slug



Right In: 4618.532+/-1.503 χ^2/NDF : 478770.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

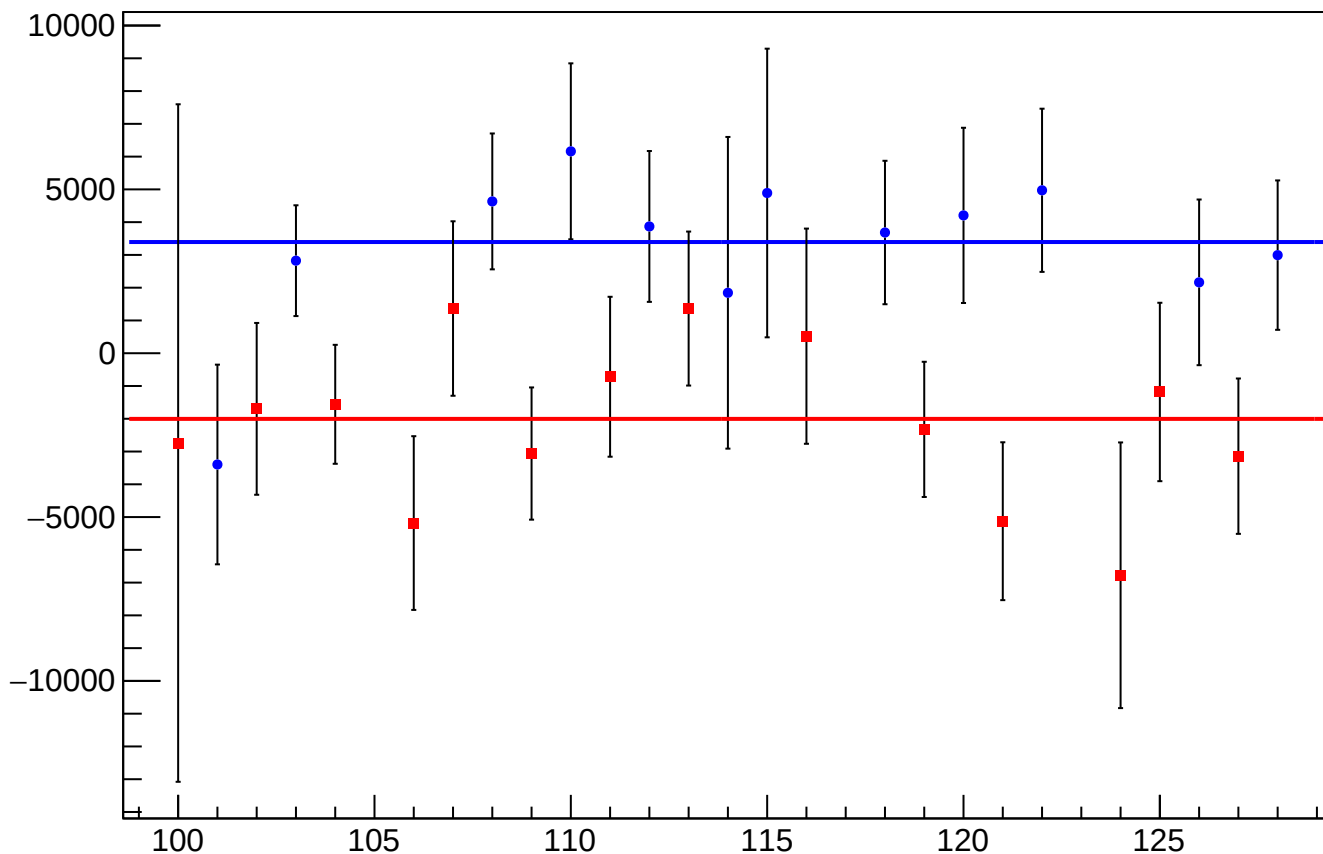
Right Out: 4394.650+/-1.389 χ^2/NDF : 664949.2/13

All: 4497.829+/-1.020 χ^2/NDF : 1155686.6/25

- 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: 3393.337 $\pm$ 712.022 χ^2 /NDF: 7.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2003.856 $\pm$ 672.619 χ^2 /NDF: 9.7/13

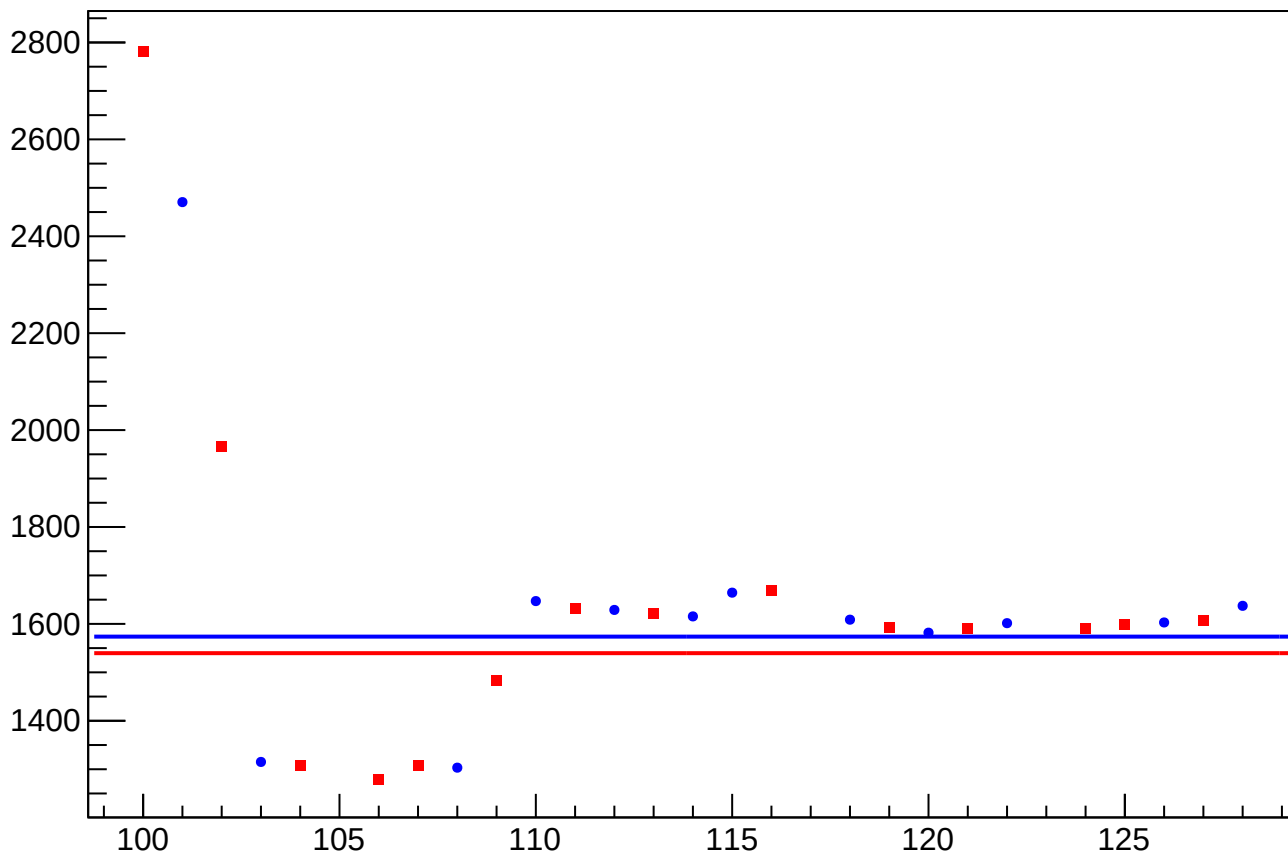
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 541.274 $\pm$ 488.950 χ^2 /NDF: 47.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usr_atr2_avg_rms vs Slug



Right In: 1573.727 $\pm$ 0.503 χ^2 /NDF: 260371.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1539.579 $\pm$ 0.473 χ^2 /NDF: 167476.5/13

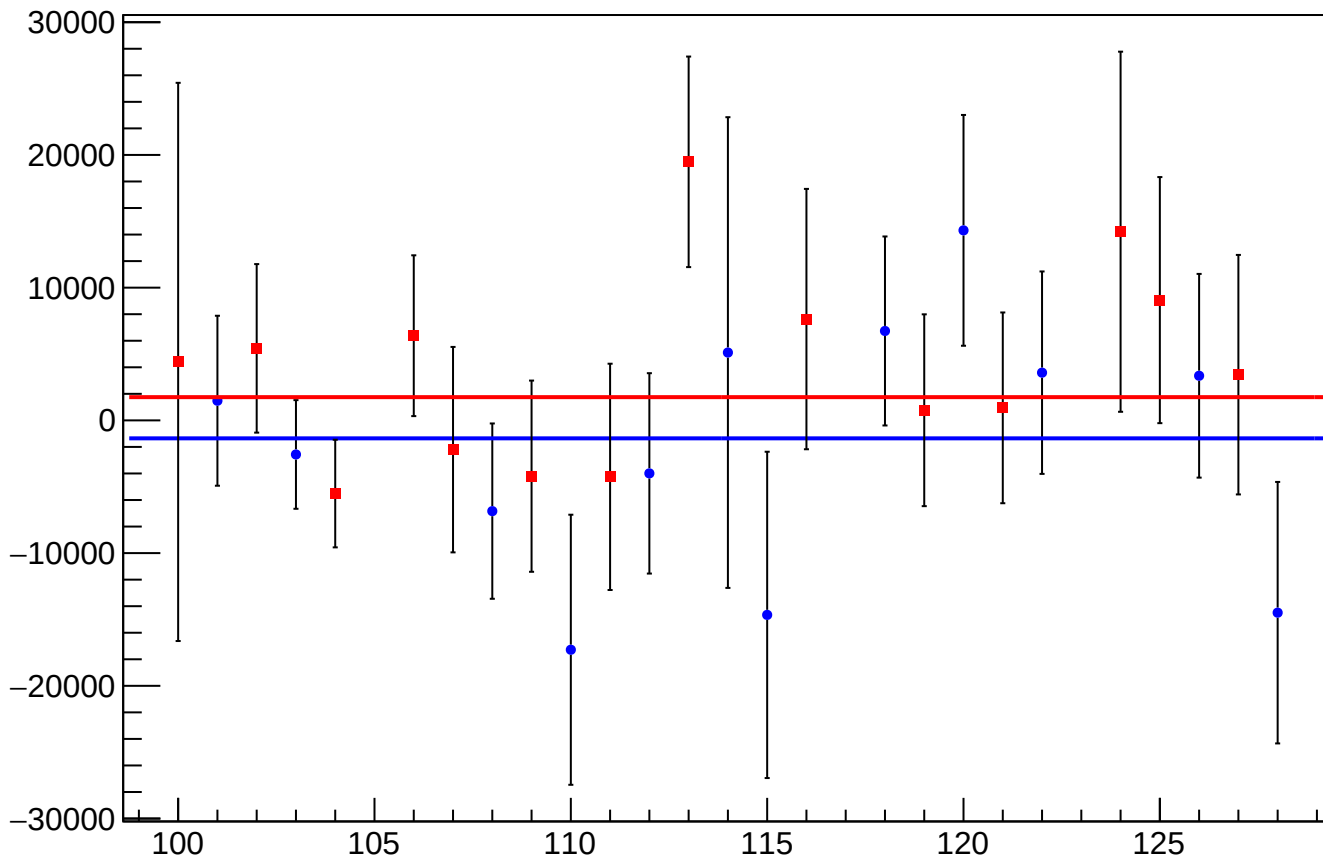
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1555.594 $\pm$ 0.345 χ^2 /NDF: 430290.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_cor_correction_mean vs Slug



Right In: -1353.791+/-2125.148 χ^2/NDF : 12.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1750.691+/-1964.833 χ^2/NDF : 12.5/13

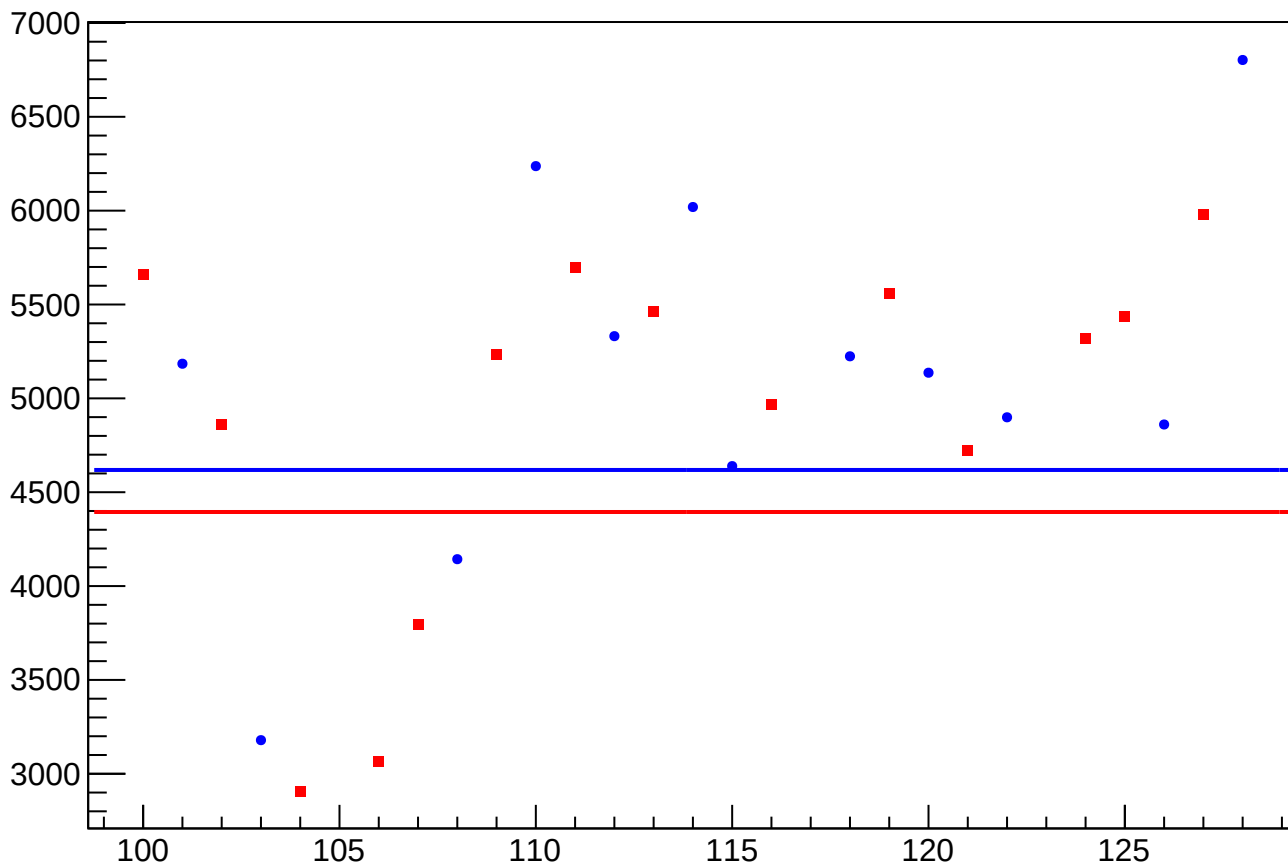
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 319.950+/-1442.697 χ^2/NDF : 25.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_cor_correction_rms vs Slug



Right In: 4618.532+/-1.503 χ^2/NDF : 478770.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

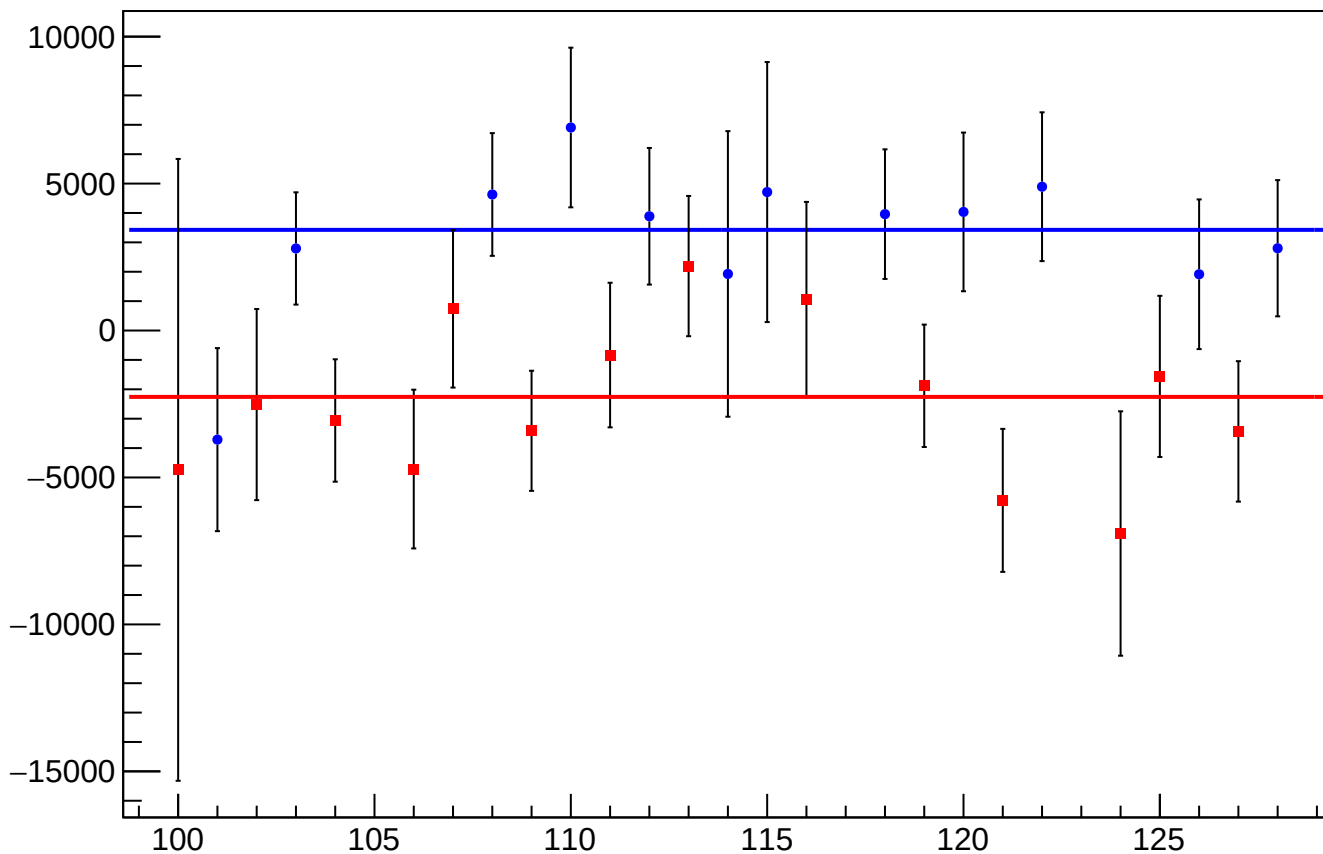
Right Out: 4394.650+/-1.389 χ^2/NDF : 664949.2/13

All: 4497.829+/-1.020 χ^2/NDF : 1155686.6/25

- 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: 3425.375+/-733.275 χ^2/NDF : 8.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2258.218+/-698.942 χ^2/NDF : 11.1/13

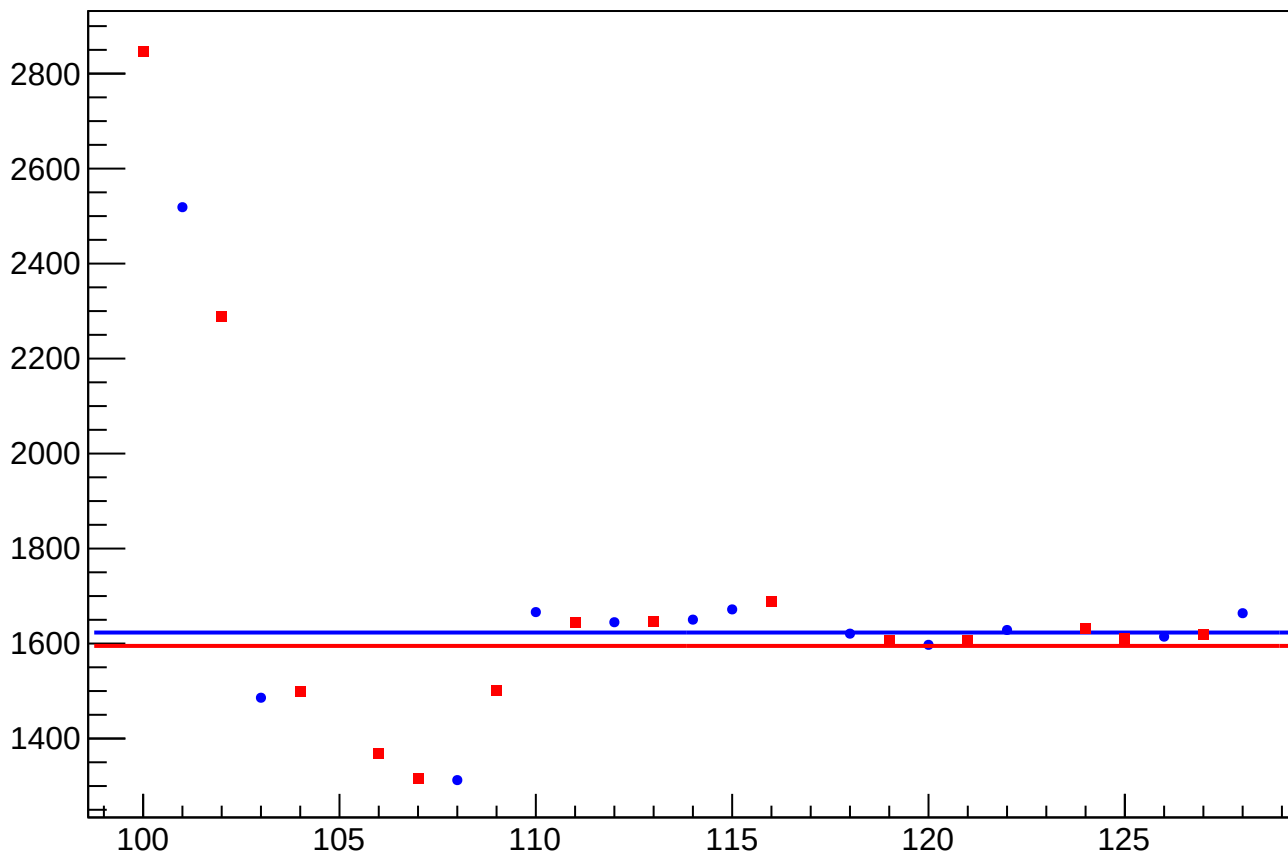
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 447.411+/-505.929 χ^2/NDF : 51.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr2_avg_rms vs Slug



Right In: 1623.192+/-0.519 χ^2/NDF : 221802.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

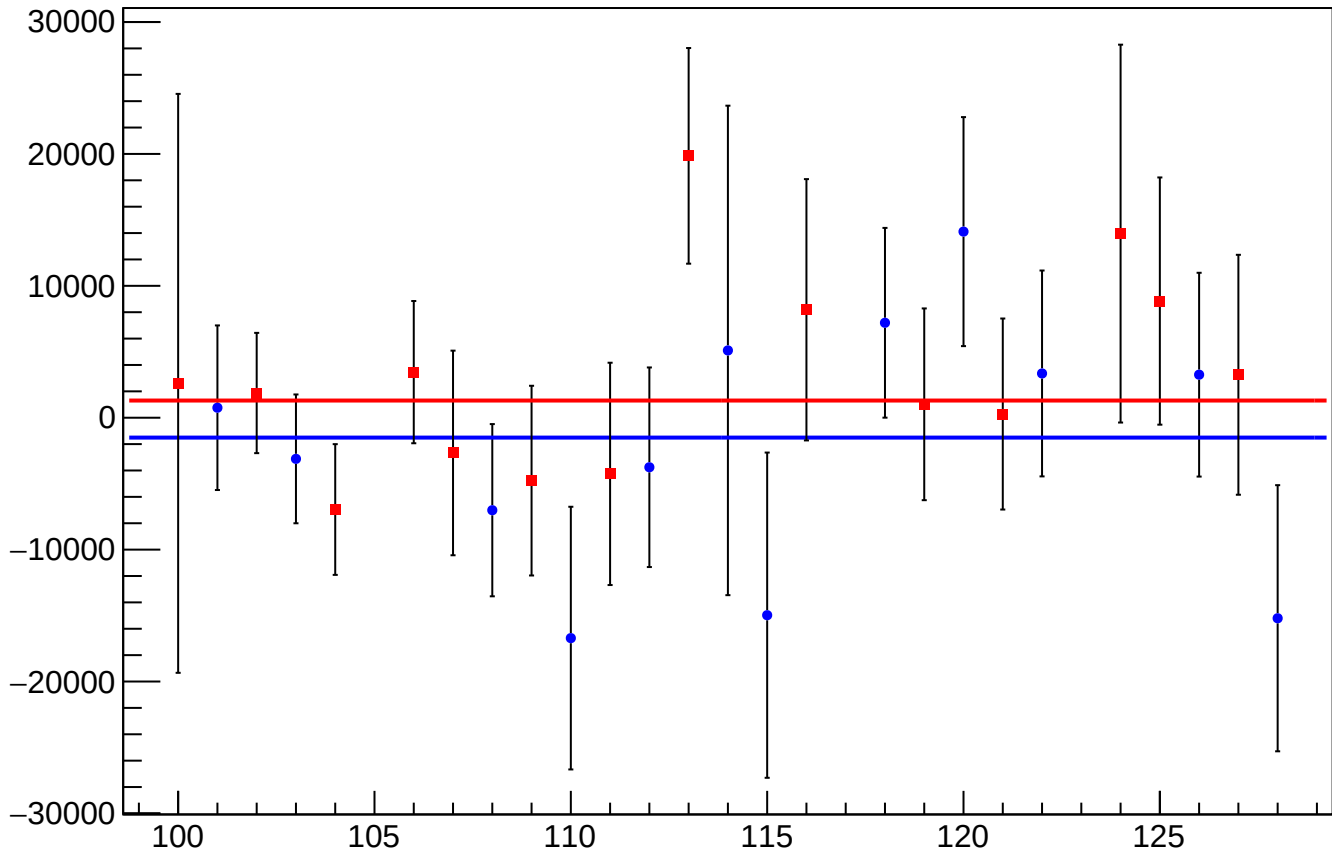
Right Out: 1595.021+/-0.494 χ^2/NDF : 167442.8/13

All: 1608.416+/-0.358 χ^2/NDF : 390793.4/25

- 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_correction_mean vs Slug



Right In: -1506.151+/-2215.556 χ^2/NDF : 12.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1303.208+/-1935.896 χ^2/NDF : 11.5/13

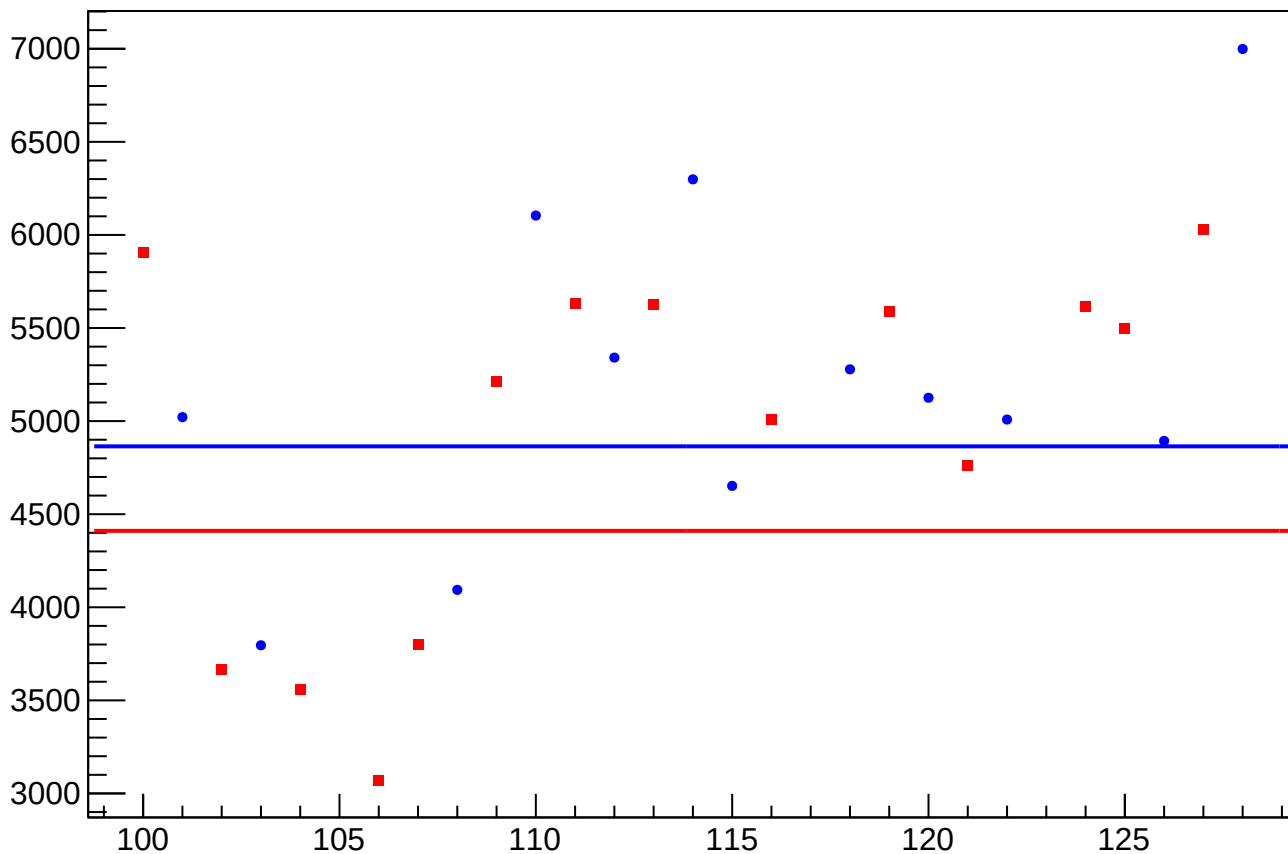
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.924+/-1457.795 χ^2/NDF : 24.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_dit_correction_rms vs Slug



Right In: 4864.447 $\pm$ 1.567 χ^2 /NDF: 275055.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

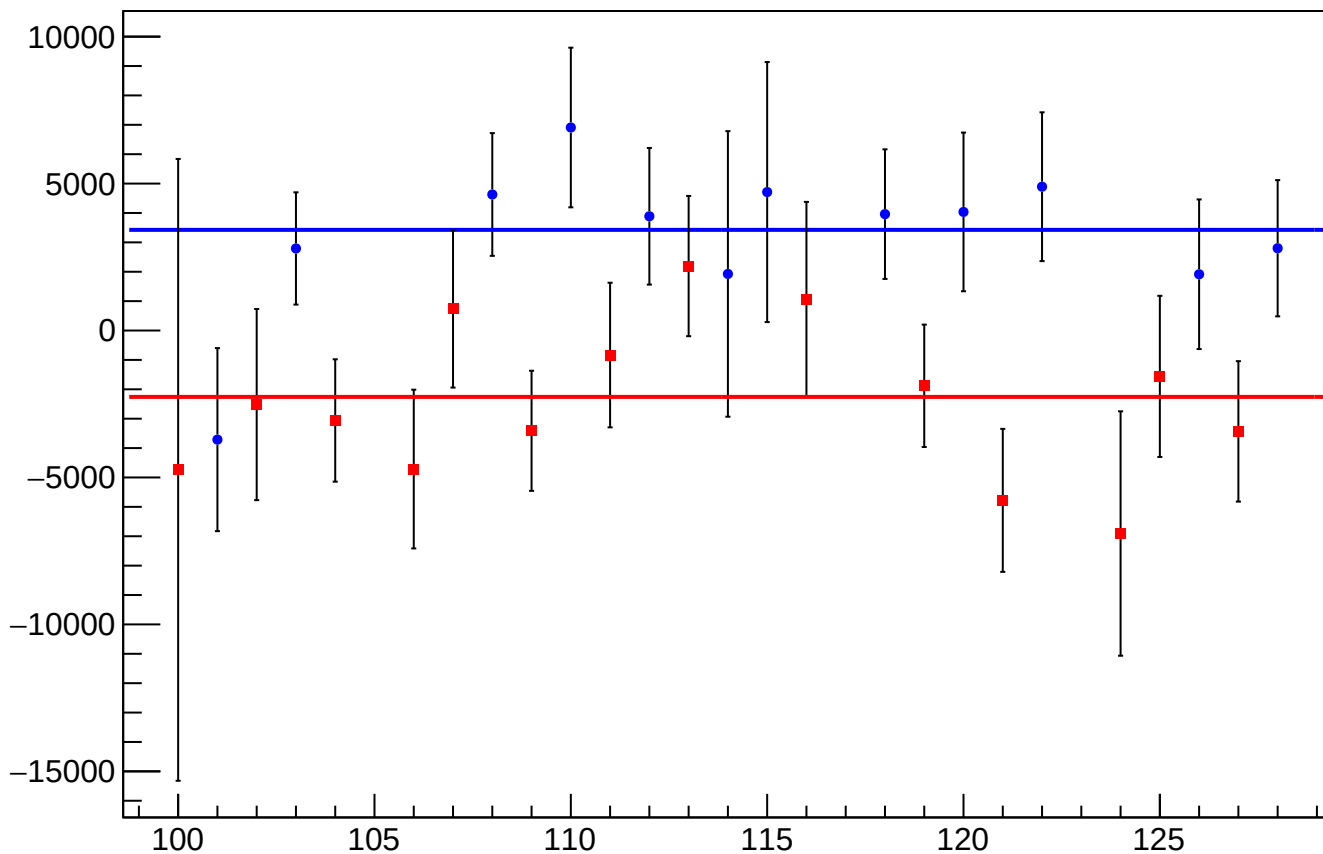
Right Out: 4410.462 $\pm$ 1.369 χ^2 /NDF: 537947.0/13

All: 4607.010 $\pm$ 1.031 χ^2 /NDF: 860621.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usr_atr2_avg_mean vs Slug



Right In: 3425.380+/-733.275 χ^2/NDF : 8.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2258.223+/-698.942 χ^2/NDF : 11.1/13

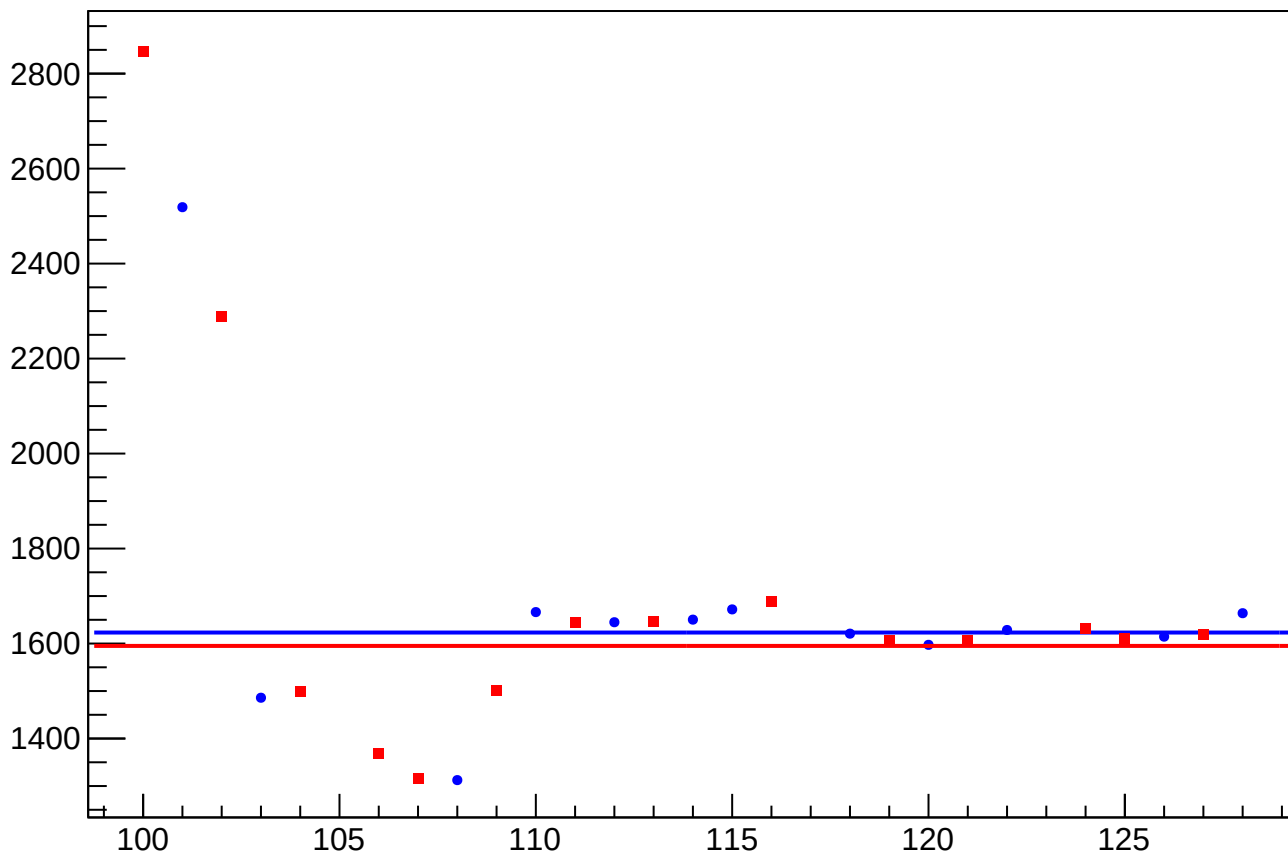
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 447.411+/-505.929 χ^2/NDF : 51.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr2_avg_rms vs Slug



Right In: 1623.192+/-0.519 χ^2/NDF : 221802.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1595.021+/-0.494 χ^2/NDF : 167442.5/13

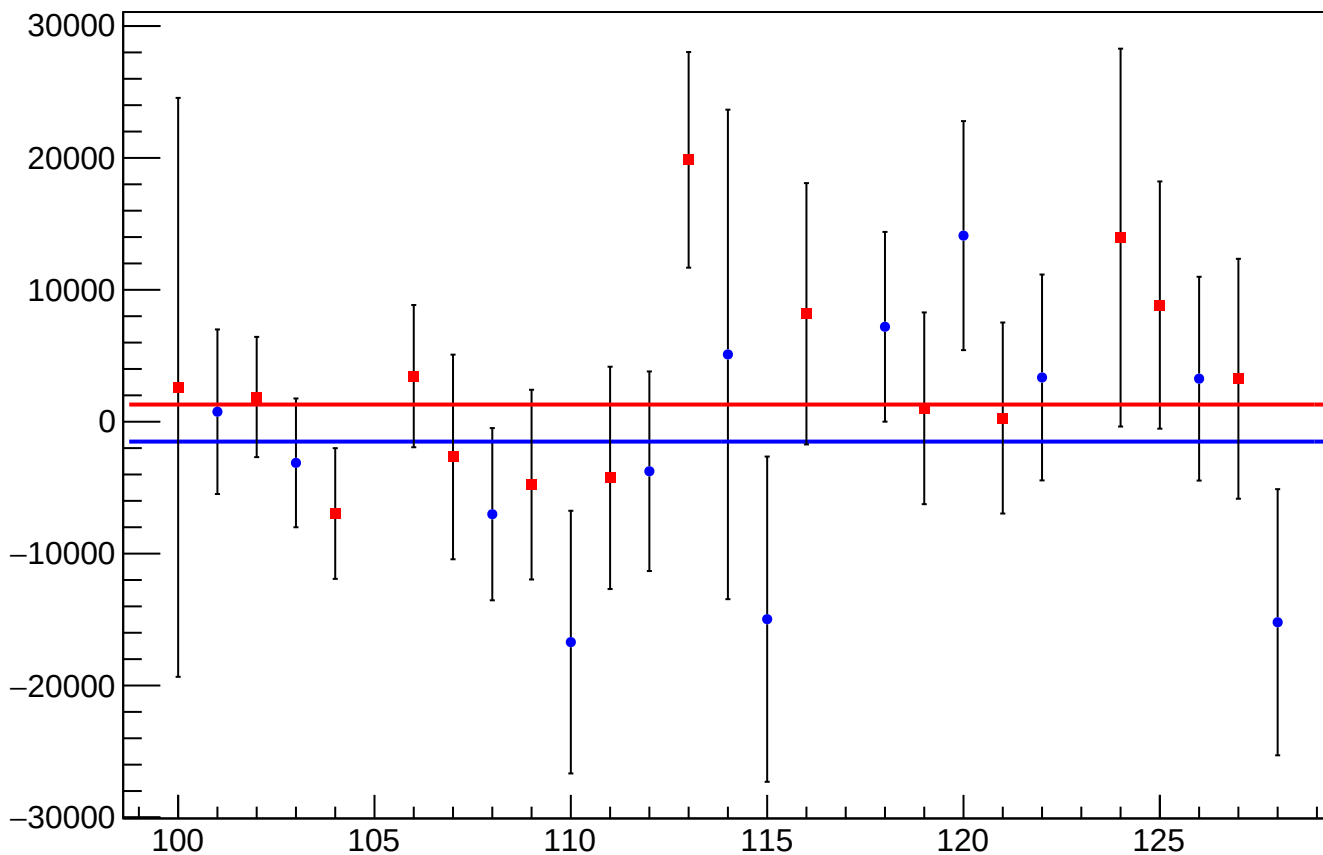
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1608.415+/-0.358 χ^2/NDF : 390793.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_dit_correction_mean vs Slug



Right In: -1506.144+/-2215.550 χ^2 /NDF: 12.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

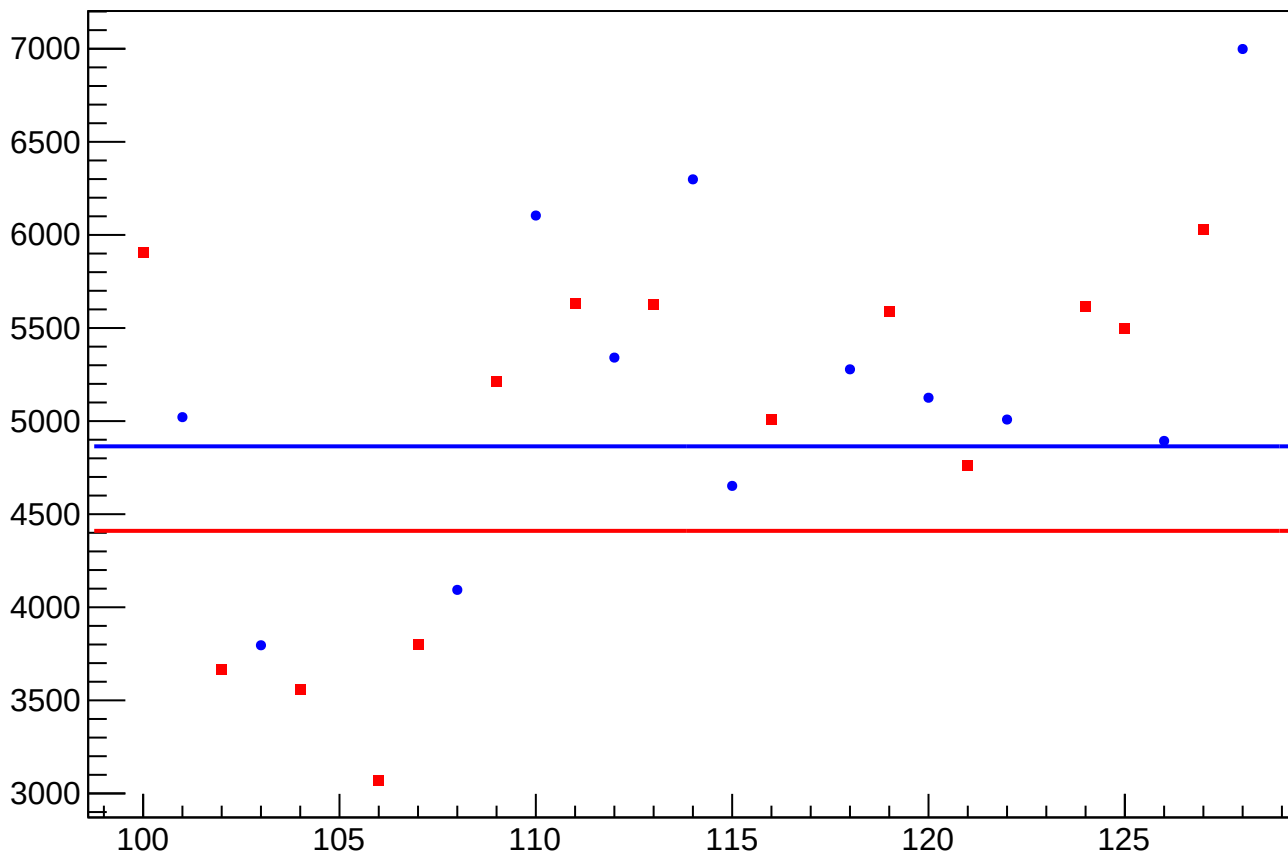
Right Out: 1303.207+/-1935.892 χ^2 /NDF: 11.5/13

All: 86.926+/-1457.792 χ^2 /NDF: 24.4/25

- 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_correction_rms vs Slug



Right In: 4864.437+/-1.567 χ^2/NDF : 275051.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

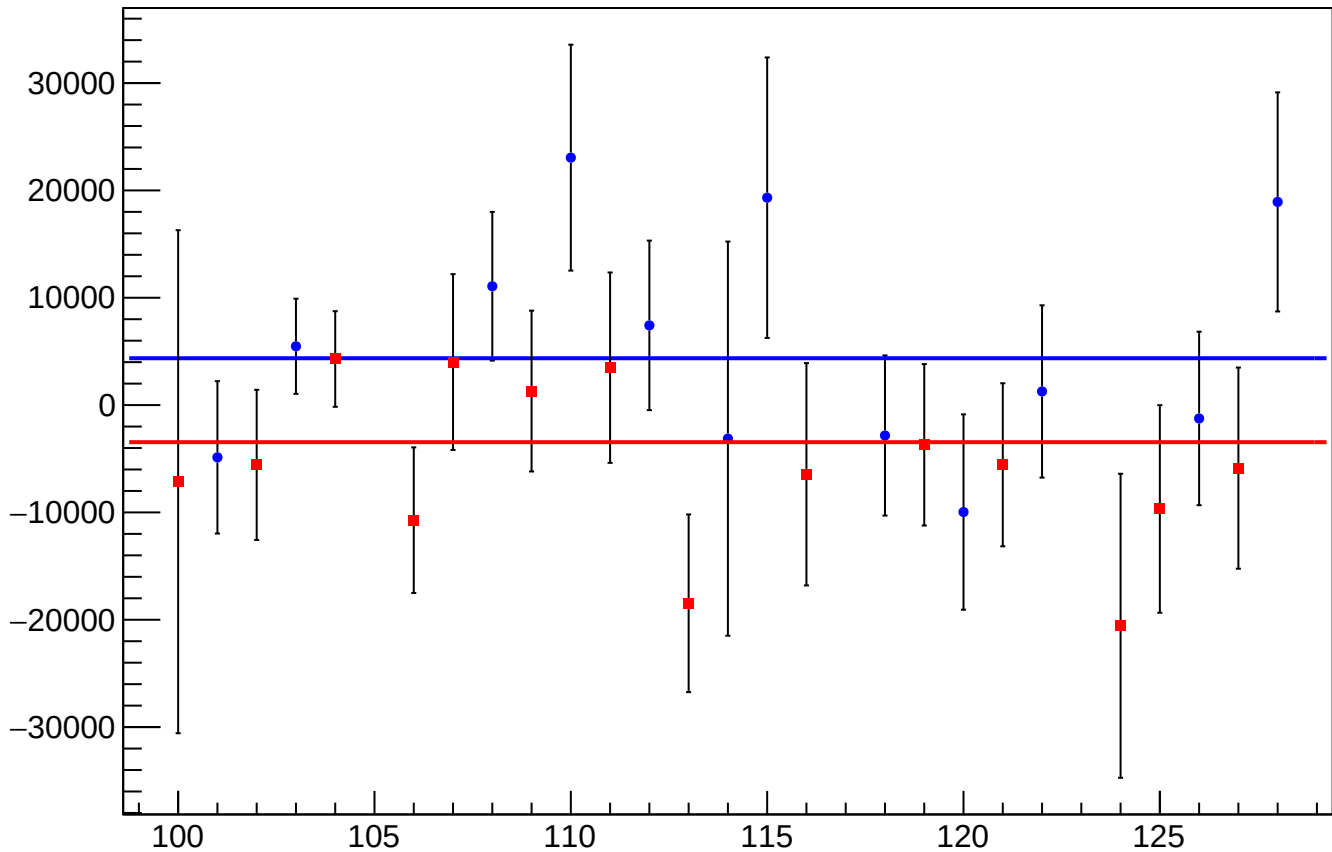
Right Out: 4410.455+/-1.369 χ^2/NDF : 537942.7/13

All: 4607.002+/-1.031 χ^2/NDF : 860612.2/25

- 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: 4363.605 $\pm$ 2258.973 χ^2 /NDF: 13.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3456.909 $\pm$ 2104.340 χ^2 /NDF: 11.5/13

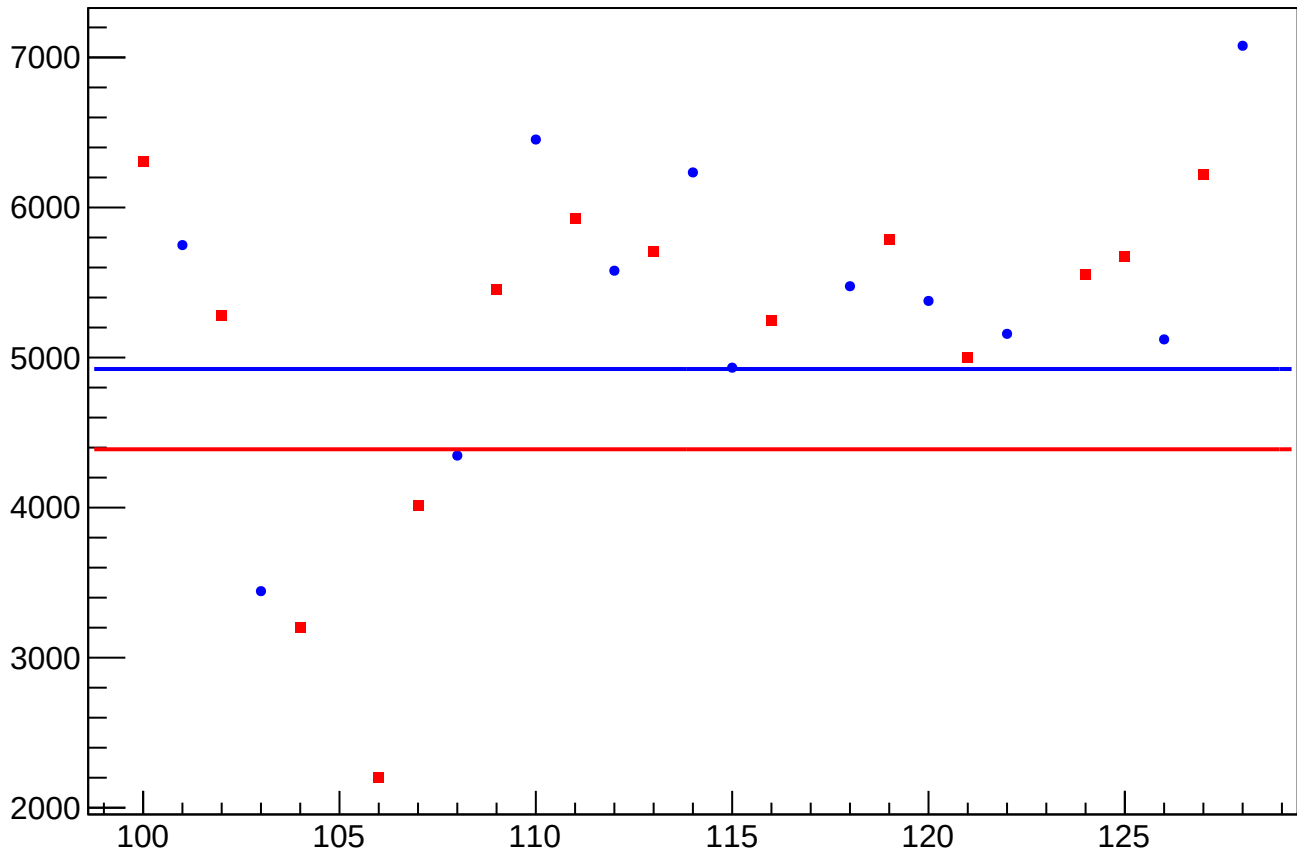
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 176.542 $\pm$ 1539.760 χ^2 /NDF: 31.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_rms vs Slug



Right In: 4923.575+/-1.597 χ^2/NDF : 438191.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4388.760+/-1.418 χ^2/NDF : 991839.1/13

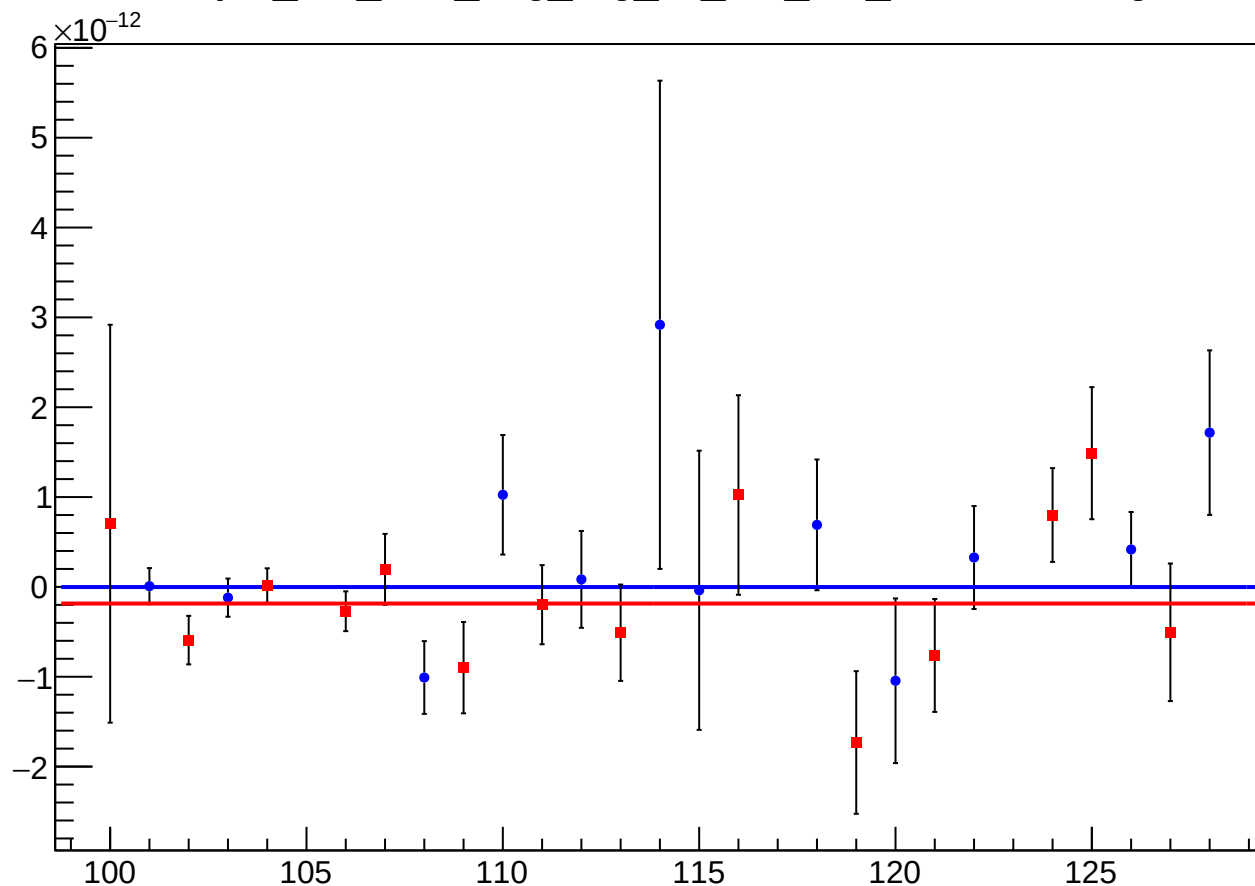
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4624.430+/-1.060 χ^2/NDF : 1492734.2/25

- 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: 17.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.7/13

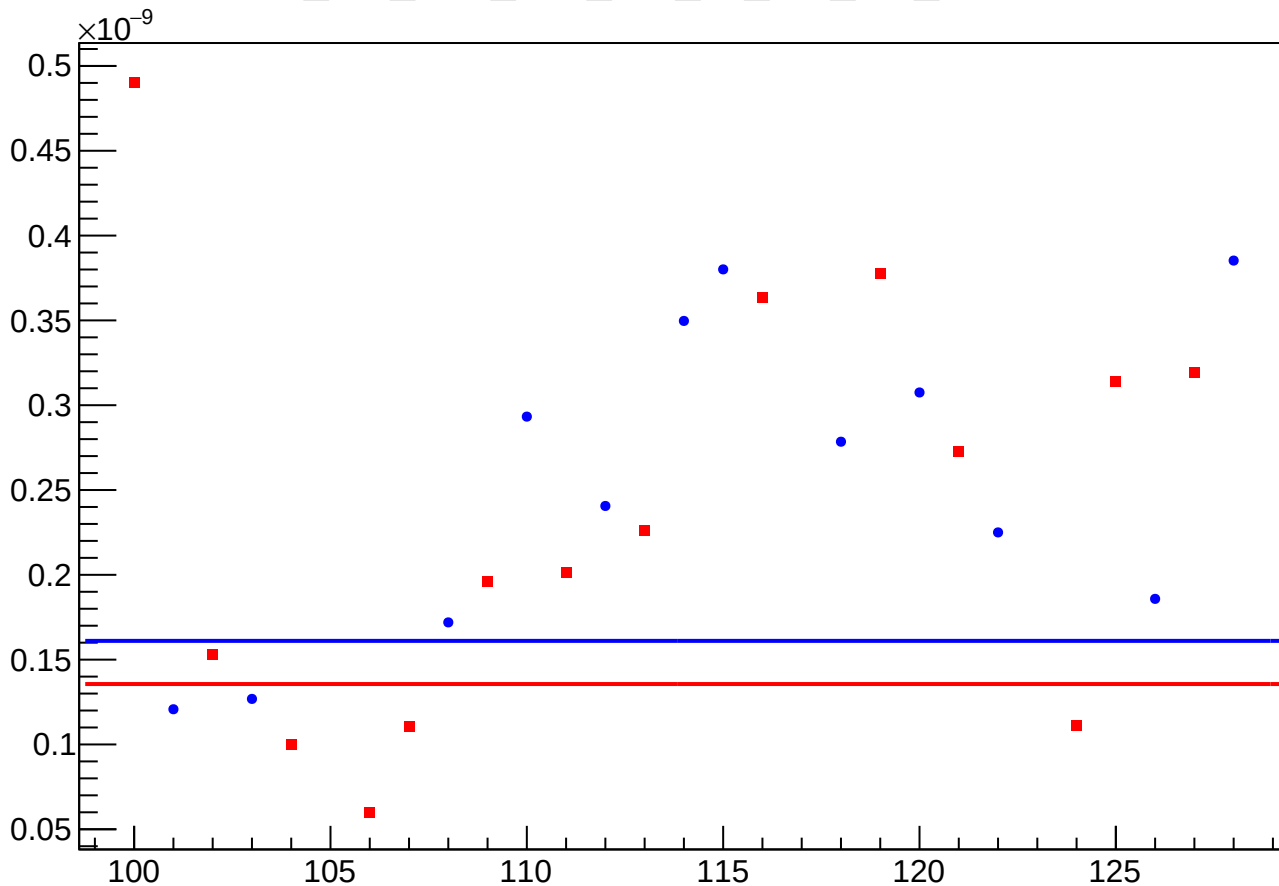
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 40.2/25

- 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 : 560680.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1103717.7/13

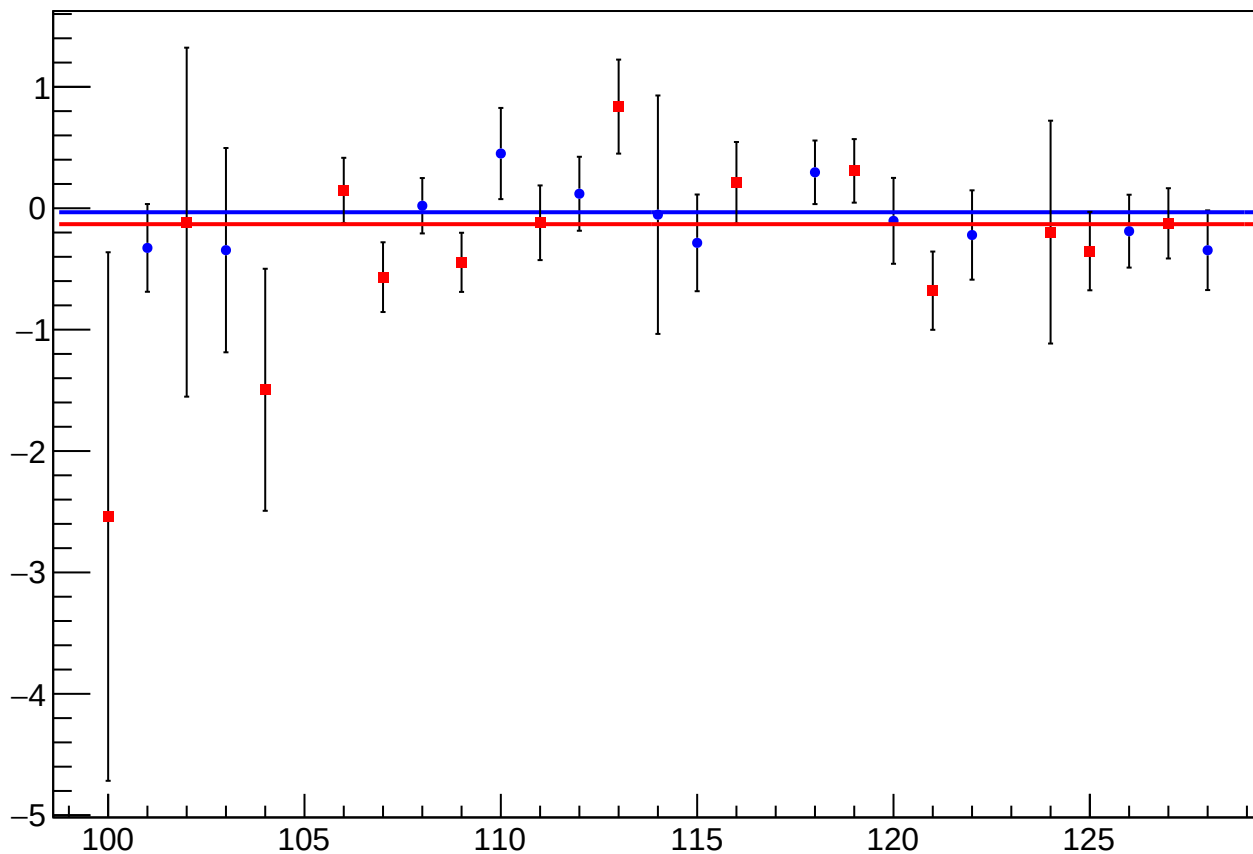
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1716958.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.033 ± 0.098 χ^2/NDF : 6.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.131 ± 0.092 χ^2/NDF : 21.6/13

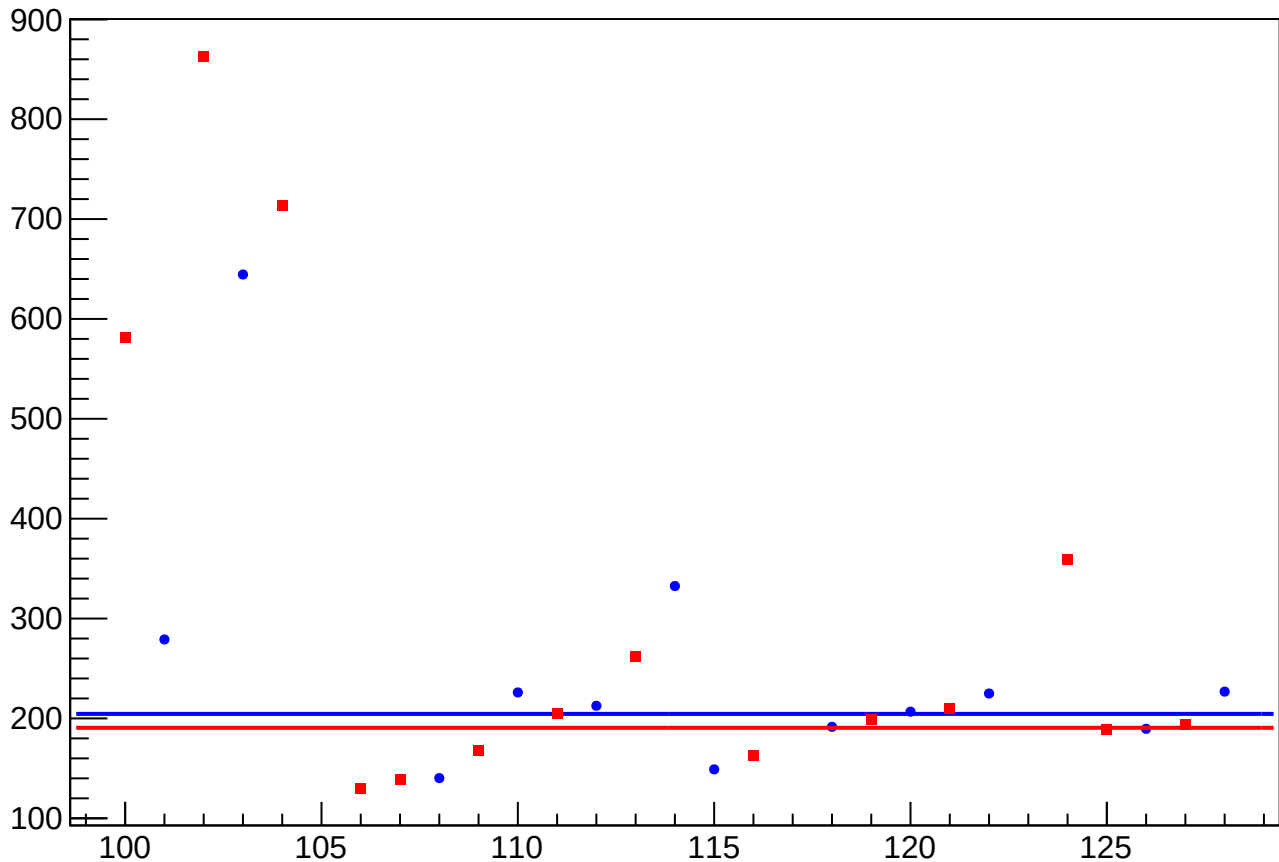
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.085 ± 0.067 χ^2/NDF : 28.4/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 204.544+/-0.069 χ^2/NDF : 896648.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 190.630+/-0.065 χ^2/NDF : 1398025.1/13

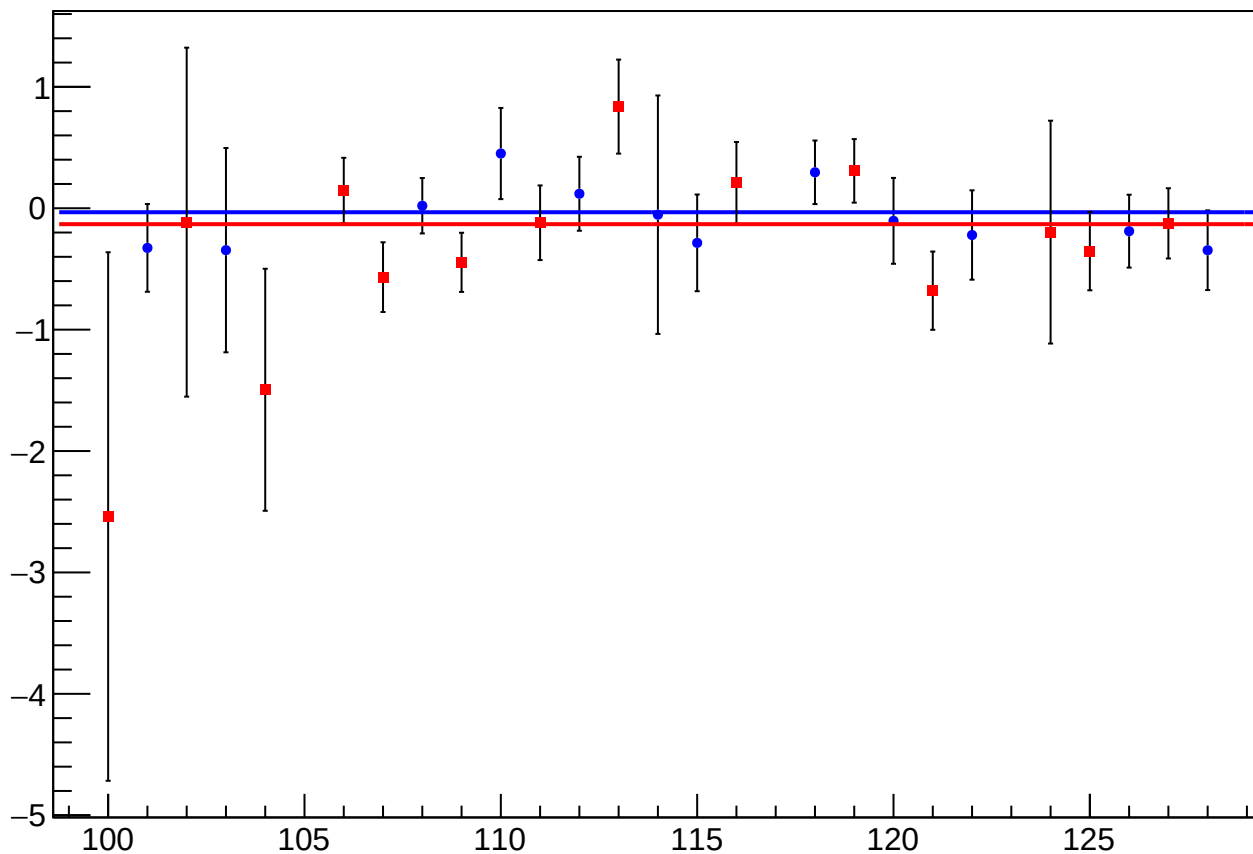
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 197.155+/-0.048 χ^2/NDF : 2316023.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.033+/-0.098 χ^2 /NDF: 6.2/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.131+/-0.092 χ^2 /NDF: 21.6/13

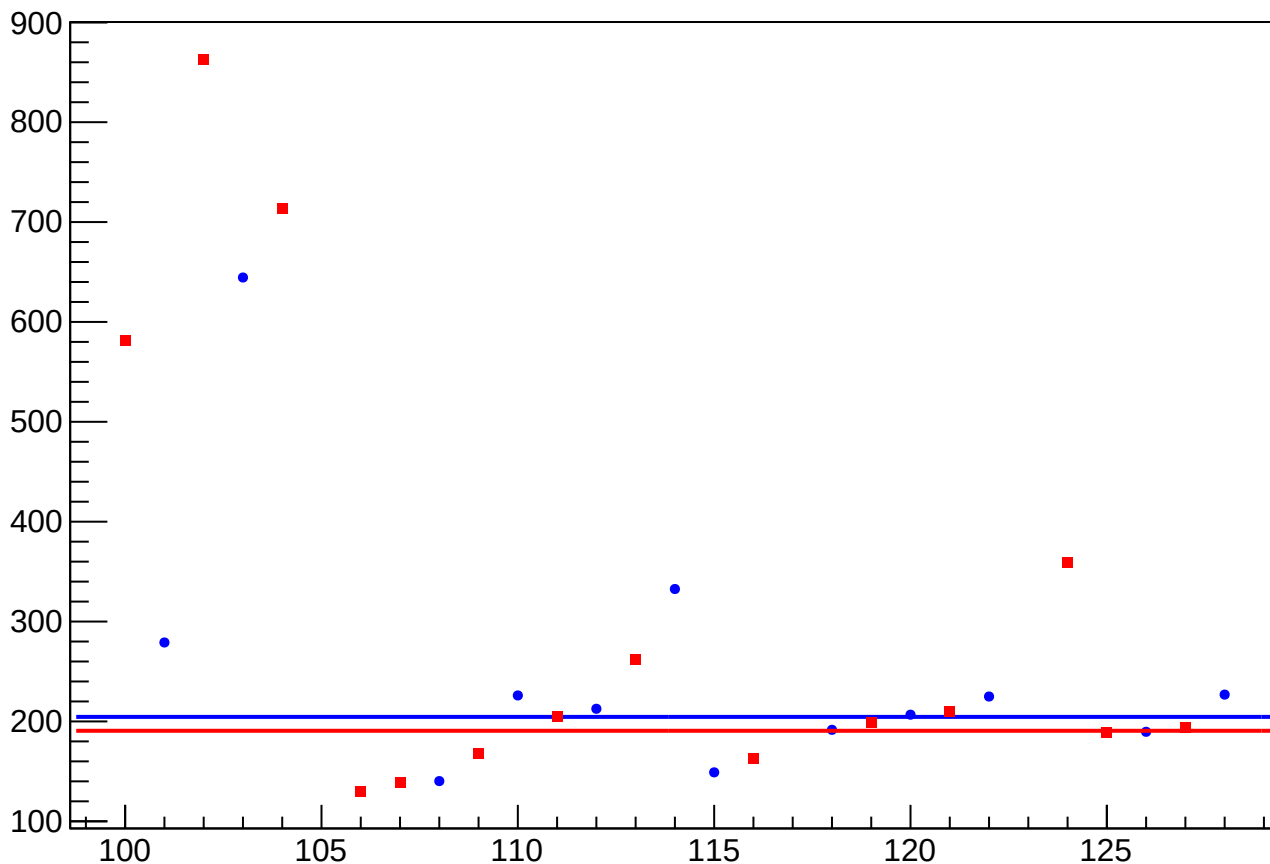
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.085+/-0.067 χ^2 /NDF: 28.4/25

- 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: 204.544+/-0.069 χ^2/NDF : 896648.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 190.630+/-0.065 χ^2/NDF : 1398025.1/13

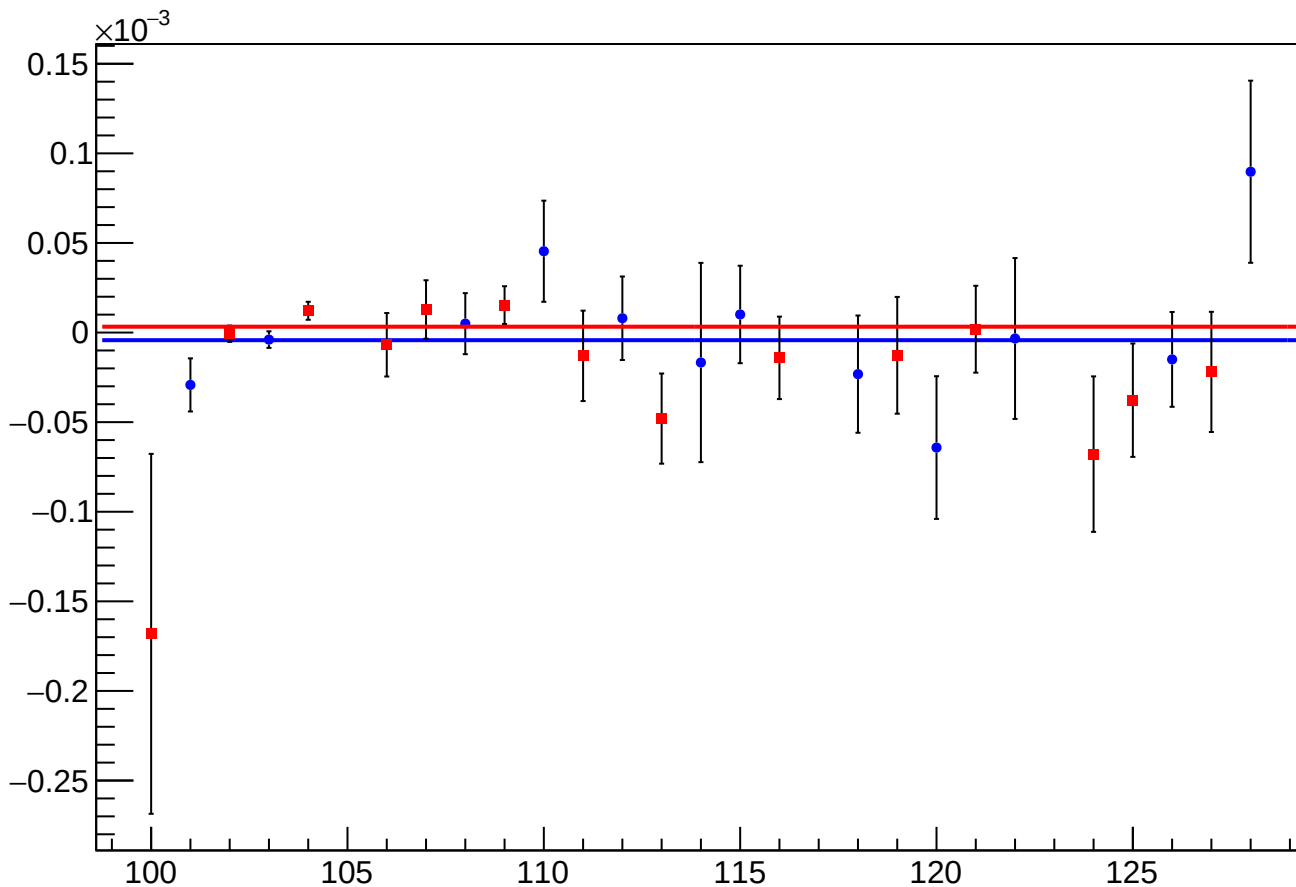
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 197.155+/-0.048 χ^2/NDF : 2316023.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.1/13

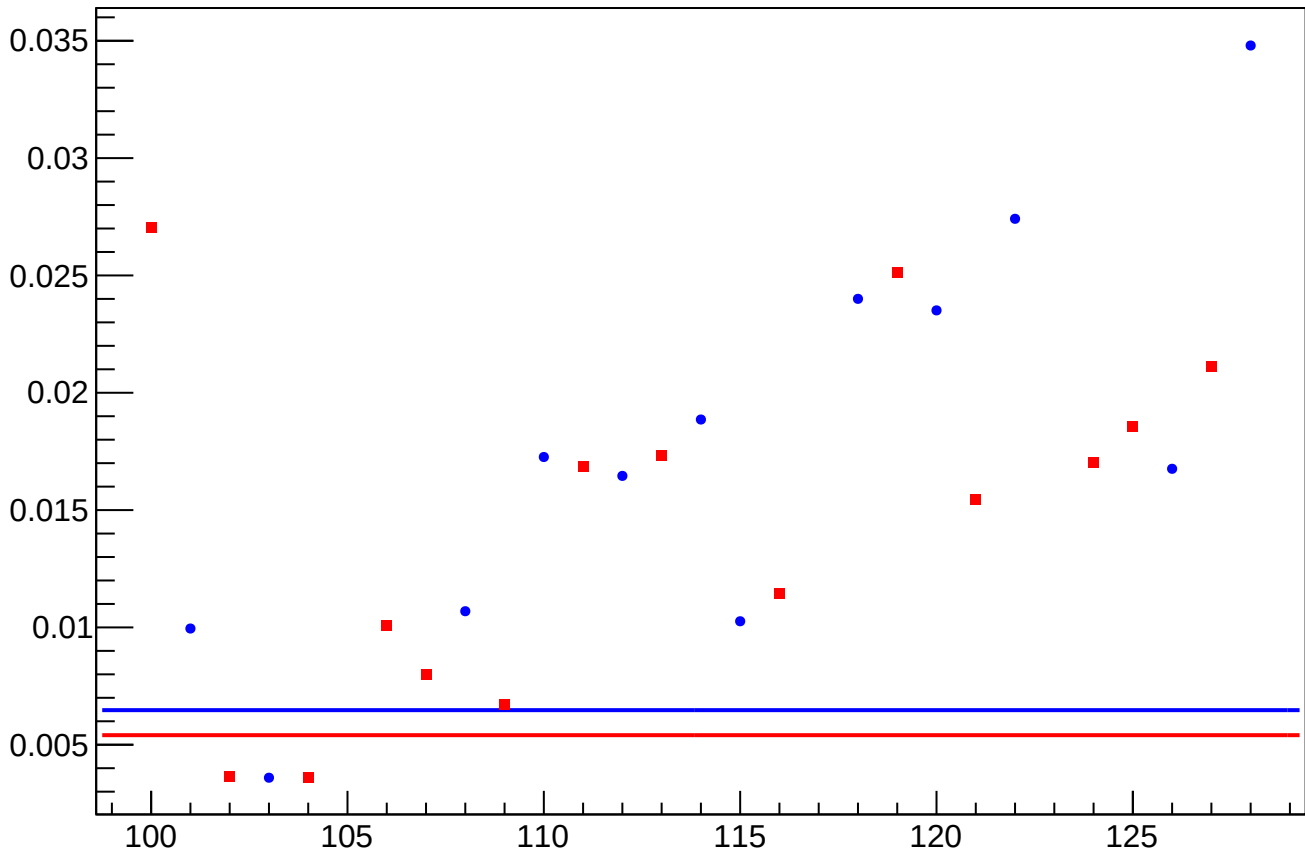
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 34.4/25

- 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: 0.006+/-0.000 χ^2/NDF : 4104650.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 3864108.5/13

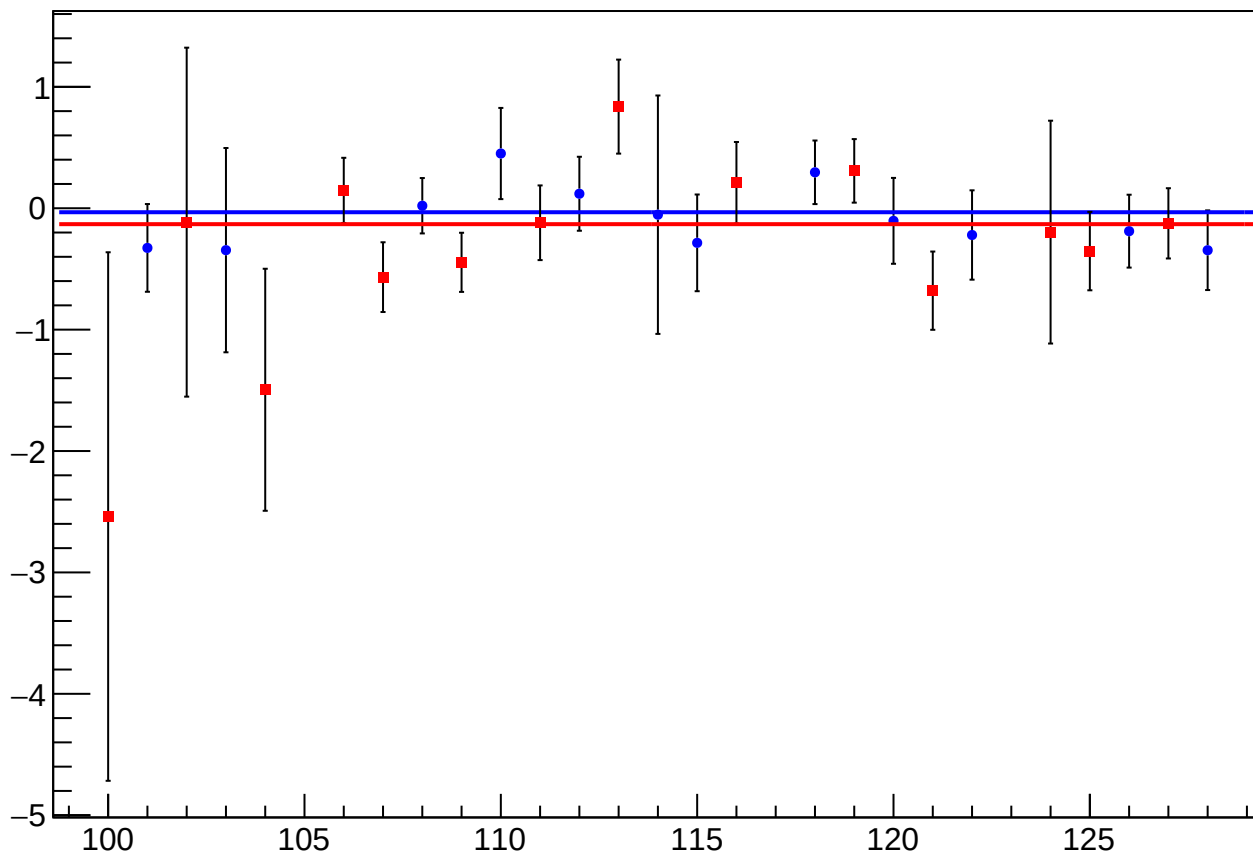
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 8061481.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.033 ± 0.098 χ^2/NDF : 6.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.131 ± 0.092 χ^2/NDF : 21.6/13

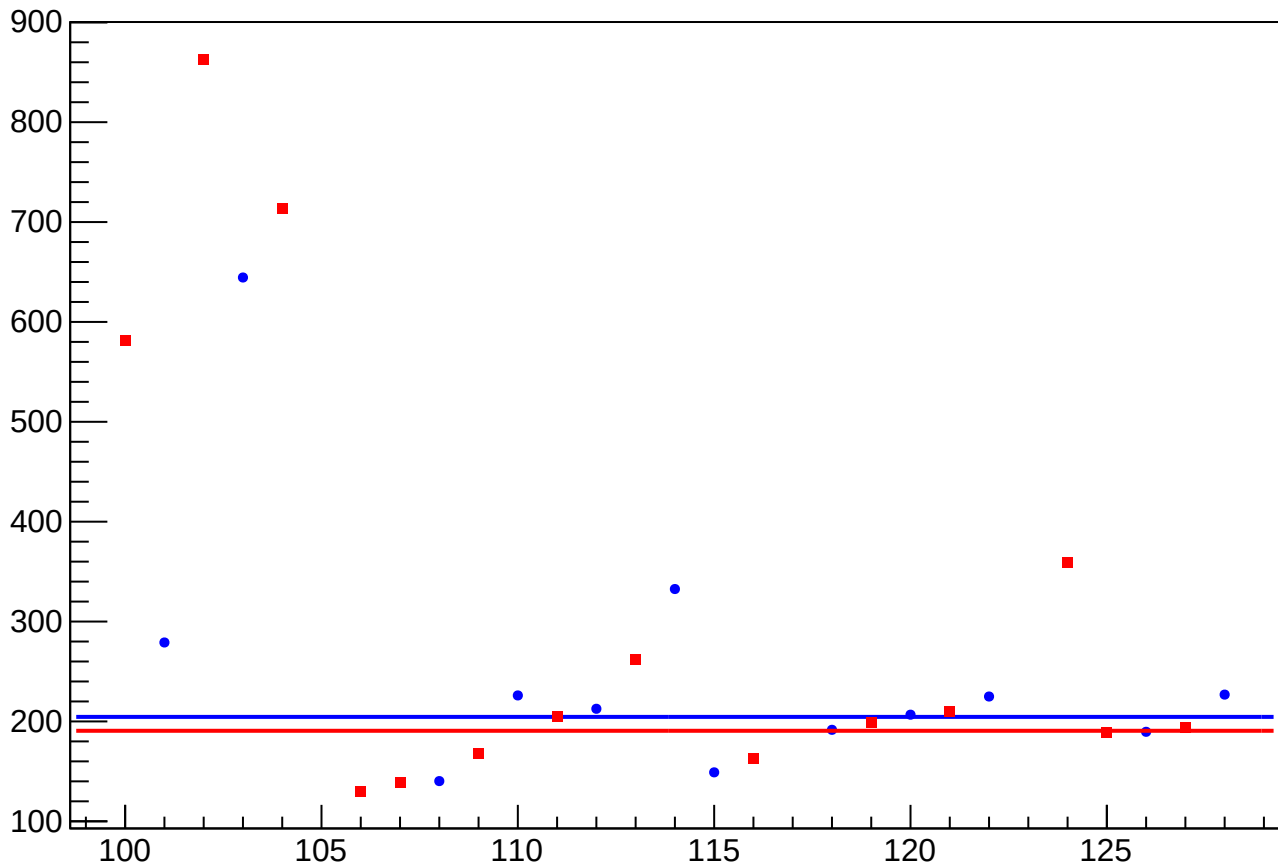
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.085 ± 0.067 χ^2/NDF : 28.4/25

- 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: 204.542 $\pm$ 0.069 χ^2 /NDF: 896653.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

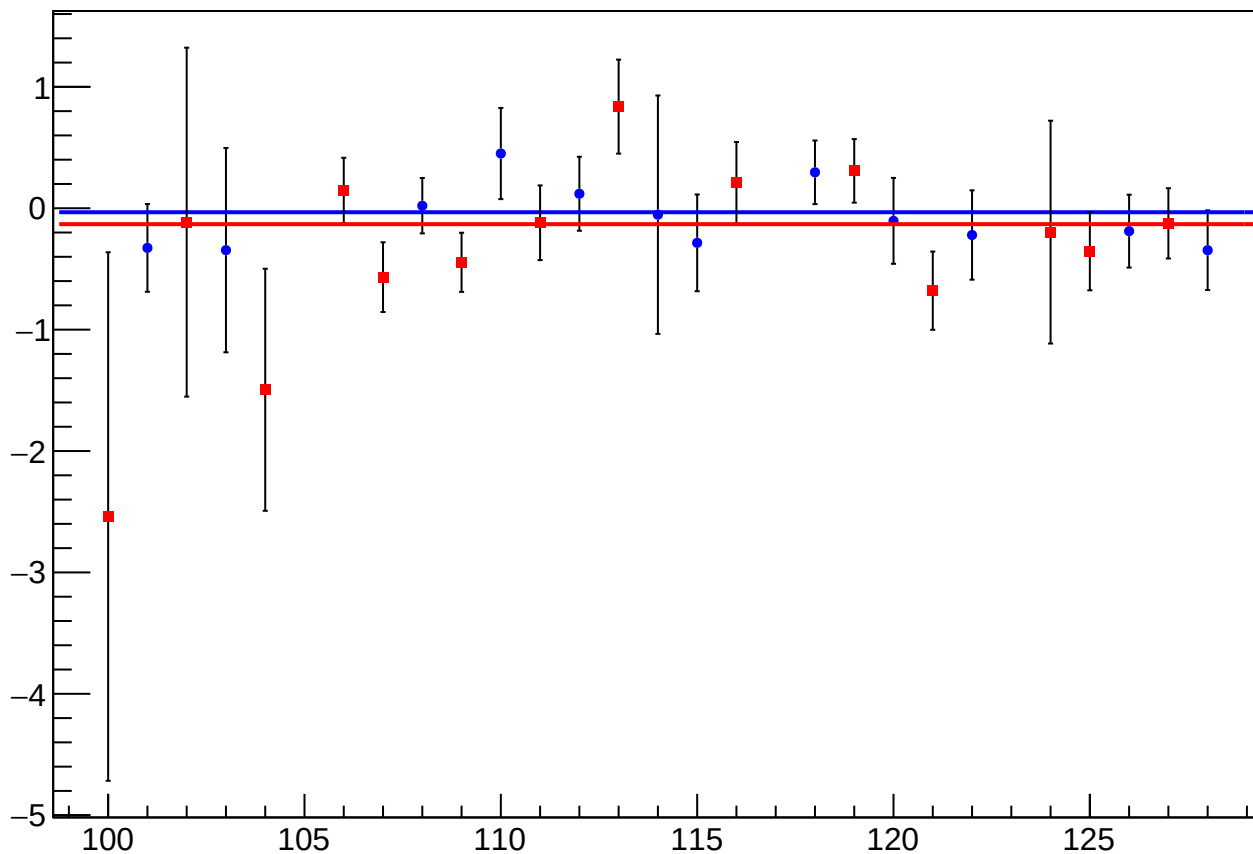
Right Out: 190.629 $\pm$ 0.065 χ^2 /NDF: 1398014.2/13

All: 197.154 $\pm$ 0.048 χ^2 /NDF: 2316014.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.033+/-0.098 χ^2 /NDF: 6.2/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.131+/-0.092 χ^2 /NDF: 21.6/13

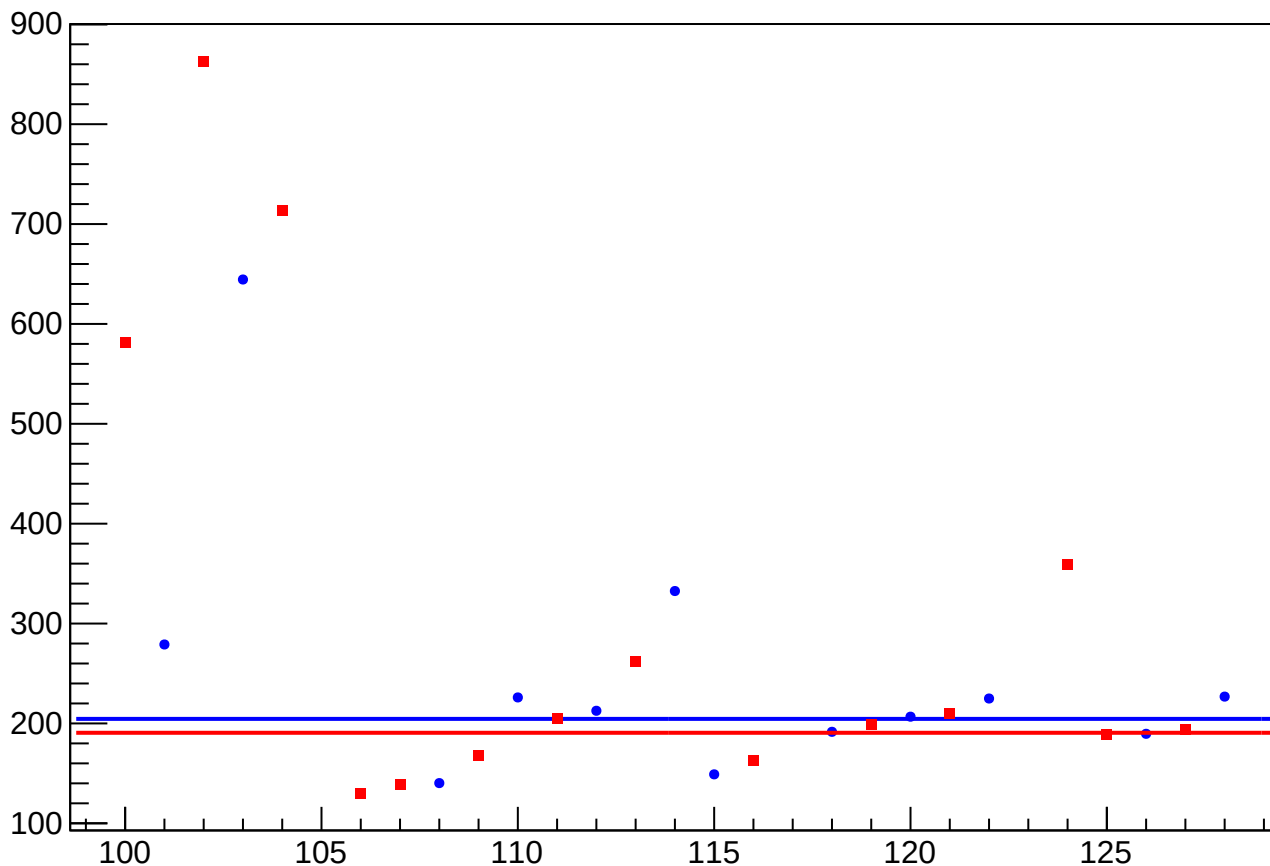
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.085+/-0.067 χ^2 /NDF: 28.4/25

- 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: 204.542 $\pm$ 0.069 χ^2 /NDF: 896653.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 190.629 $\pm$ 0.065 χ^2 /NDF: 1398014.2/13

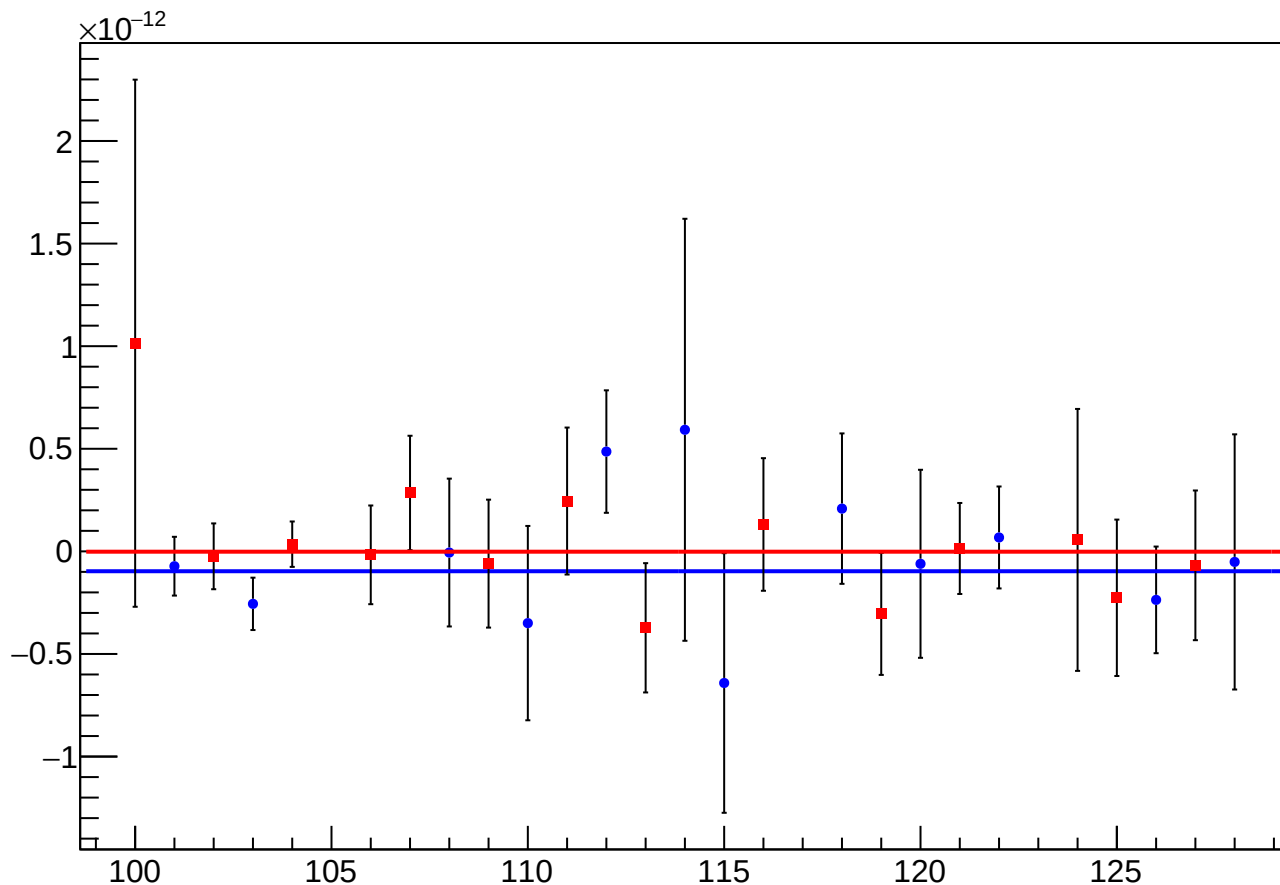
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 197.154 $\pm$ 0.048 χ^2 /NDF: 2316014.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 8.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 5.3/13

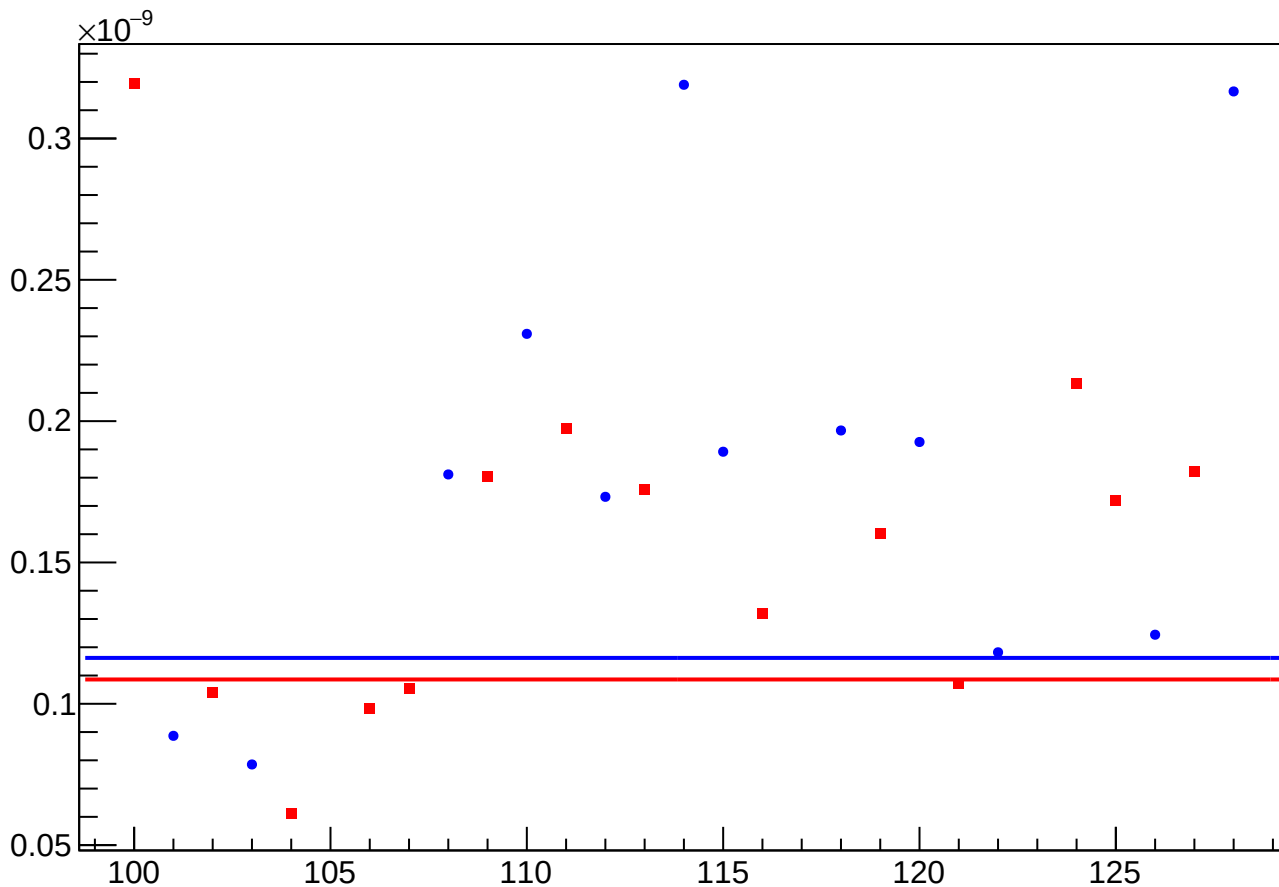
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 14.6/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 970057.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1010426.1/13

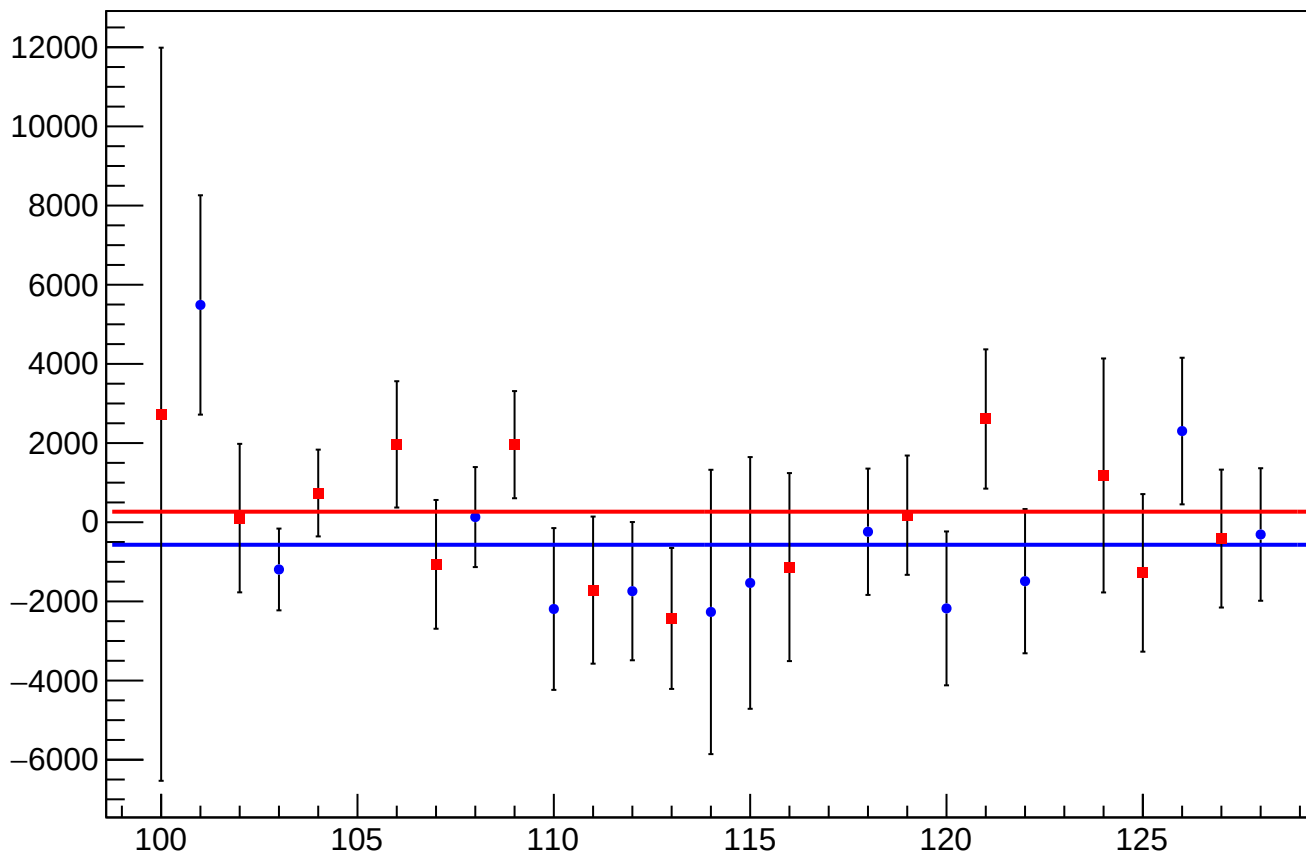
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1992513.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_mean vs Slug



Right In: -569.343+/-497.224 χ^2/NDF : 10.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 266.503+/-461.919 χ^2/NDF : 10.0/13

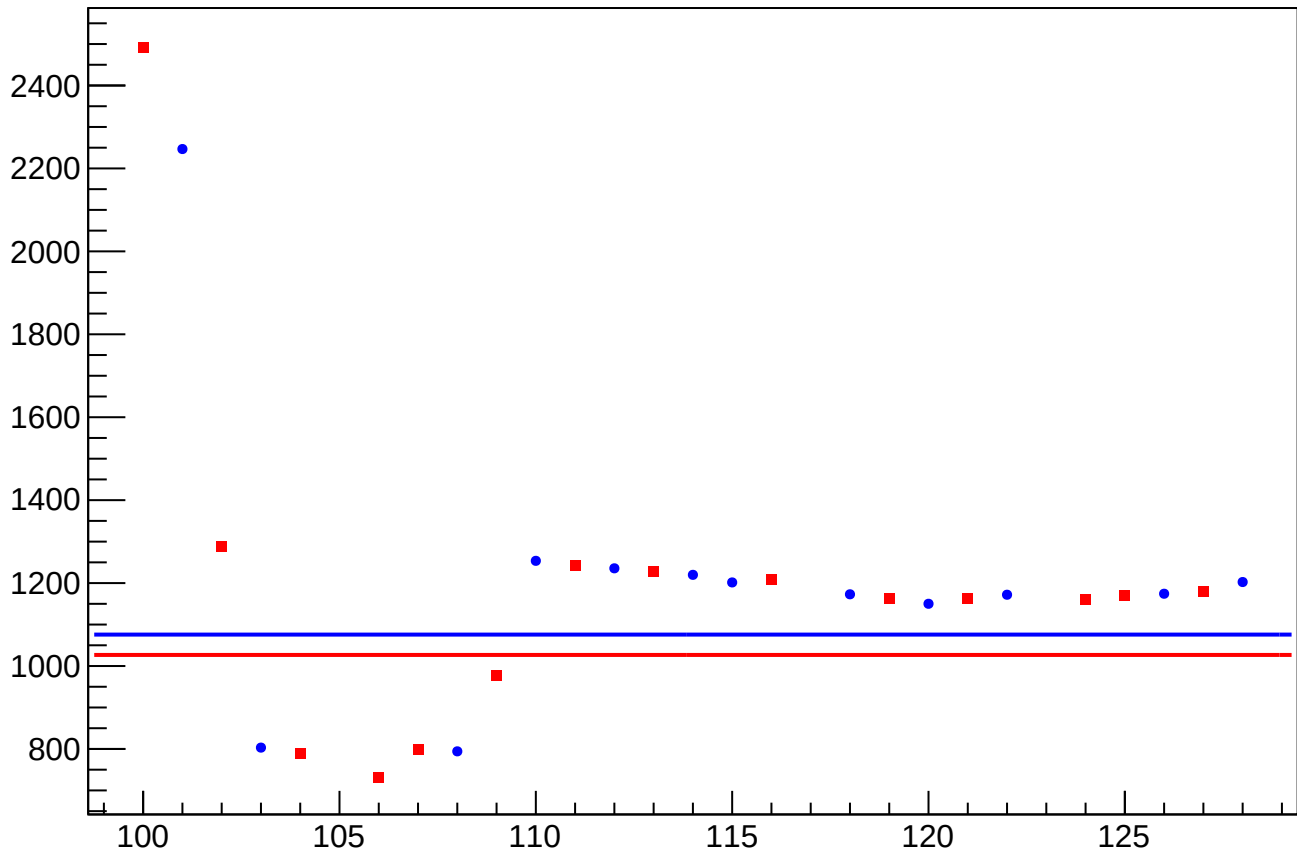
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -120.695+/-338.420 χ^2/NDF : 21.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_rms vs Slug



Right In: 1075.797 $\pm$ 0.352 χ^2 /NDF: 667077.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1026.729 $\pm$ 0.323 χ^2 /NDF: 432757.2/13

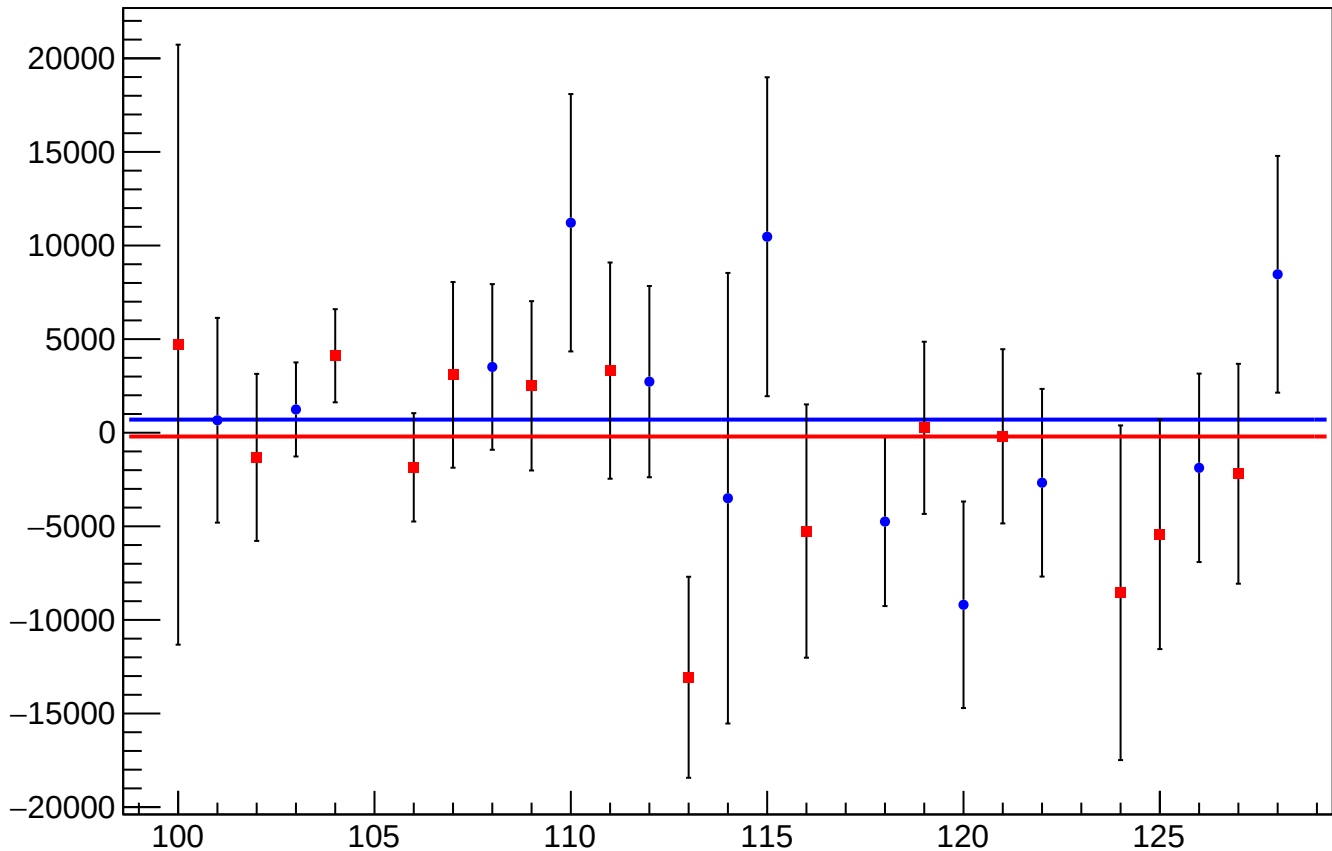
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1049.204 $\pm$ 0.238 χ^2 /NDF: 1110390.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_reg_correction_mean vs Slug



Right In: 700.751±1401.182 χ^2/NDF : 11.3/11

Left Out: 0.000±0.000 χ^2/NDF : 0.0/0

Right Out: -203.017±1219.269 χ^2/NDF : 12.7/13

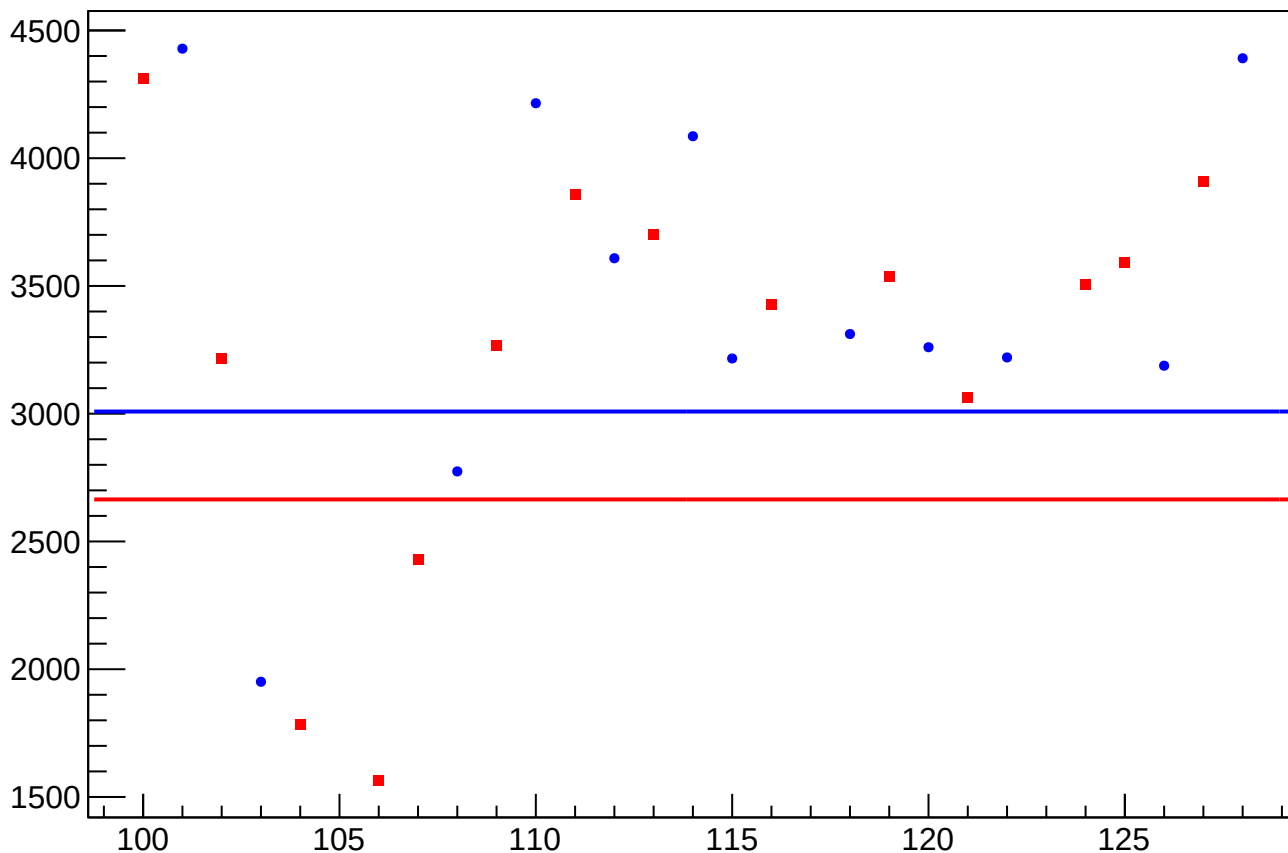
Left In: 0.000±0.000 χ^2/NDF : 0.0/0

+ sign 0.000±0.000 χ^2/NDF : 0.0/0

All: 186.428±919.791 χ^2/NDF : 24.2/25

- sign 0.000±0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_reg_correction_rms vs Slug



Right In: 3008.556 $\pm$ 0.991 χ^2 /NDF: 716230.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

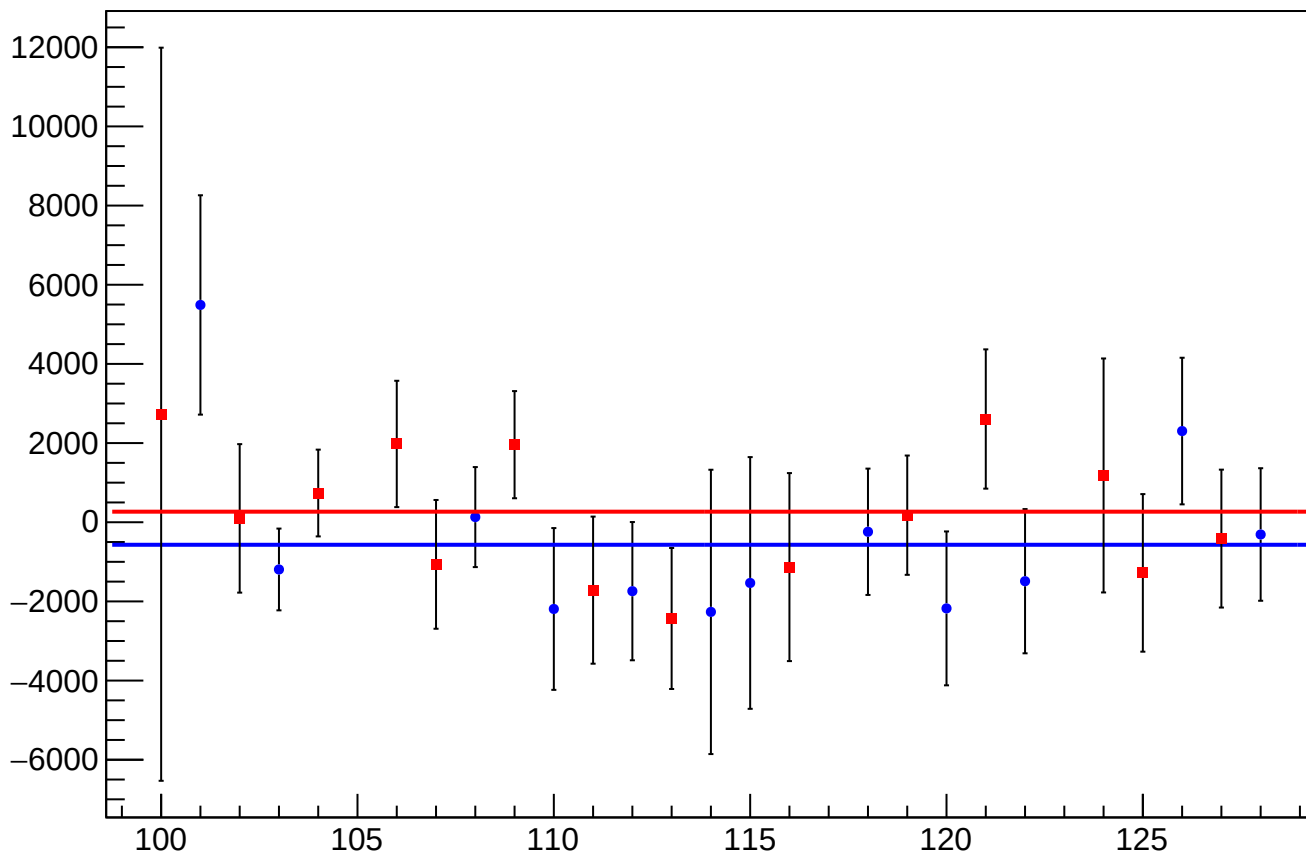
Right Out: 2664.454 $\pm$ 0.862 χ^2 /NDF: 1056058.3/13

All: 2812.732 $\pm$ 0.650 χ^2 /NDF: 1840931.0/25

- sign 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_atr2_dd_mean vs Slug



Right In: -569.264+/-497.225 χ^2 /NDF: 10.3/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 266.869+/-461.925 χ^2 /NDF: 10.1/13

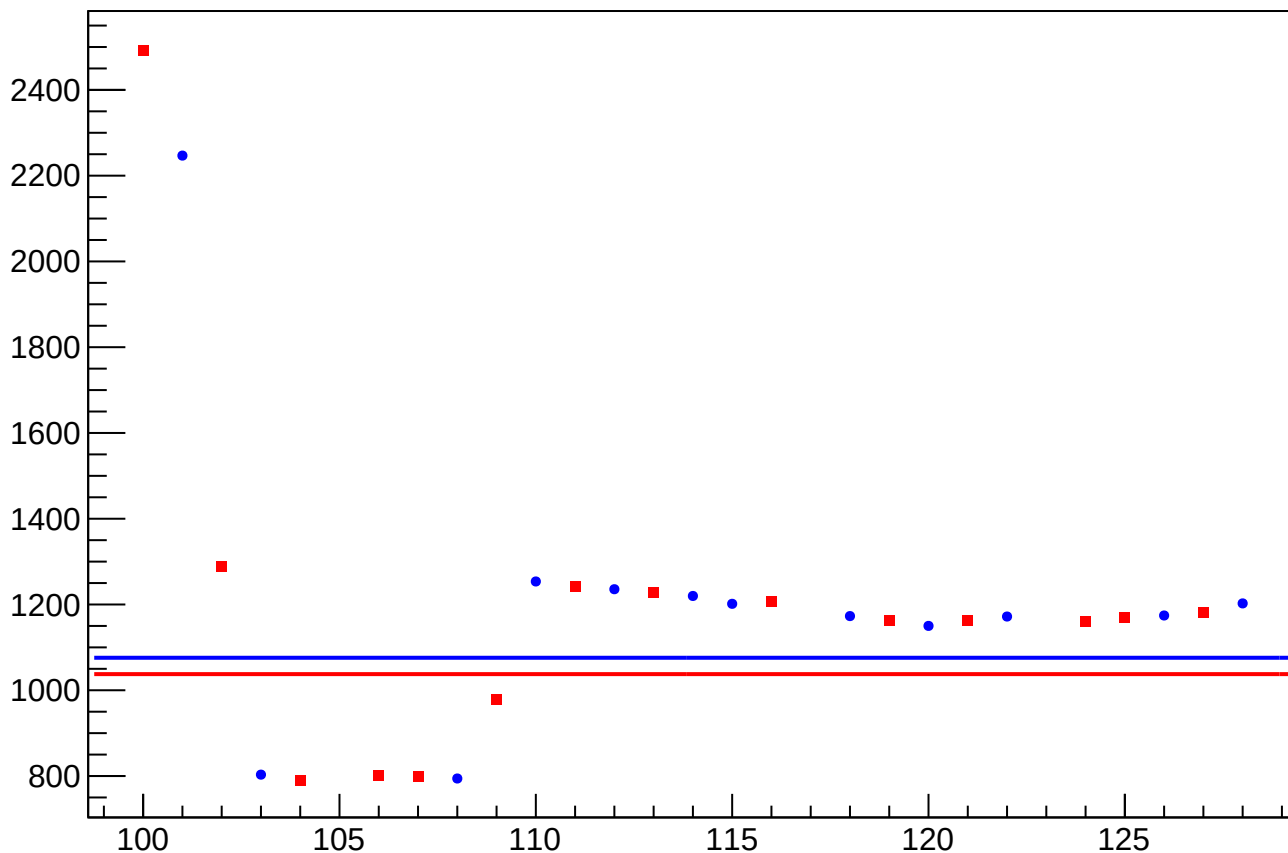
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -120.467+/-338.422 χ^2 /NDF: 21.8/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_usr_atr2_dd_rms vs Slug



Right In: 1075.798+/-0.352 χ^2/NDF : 667074.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

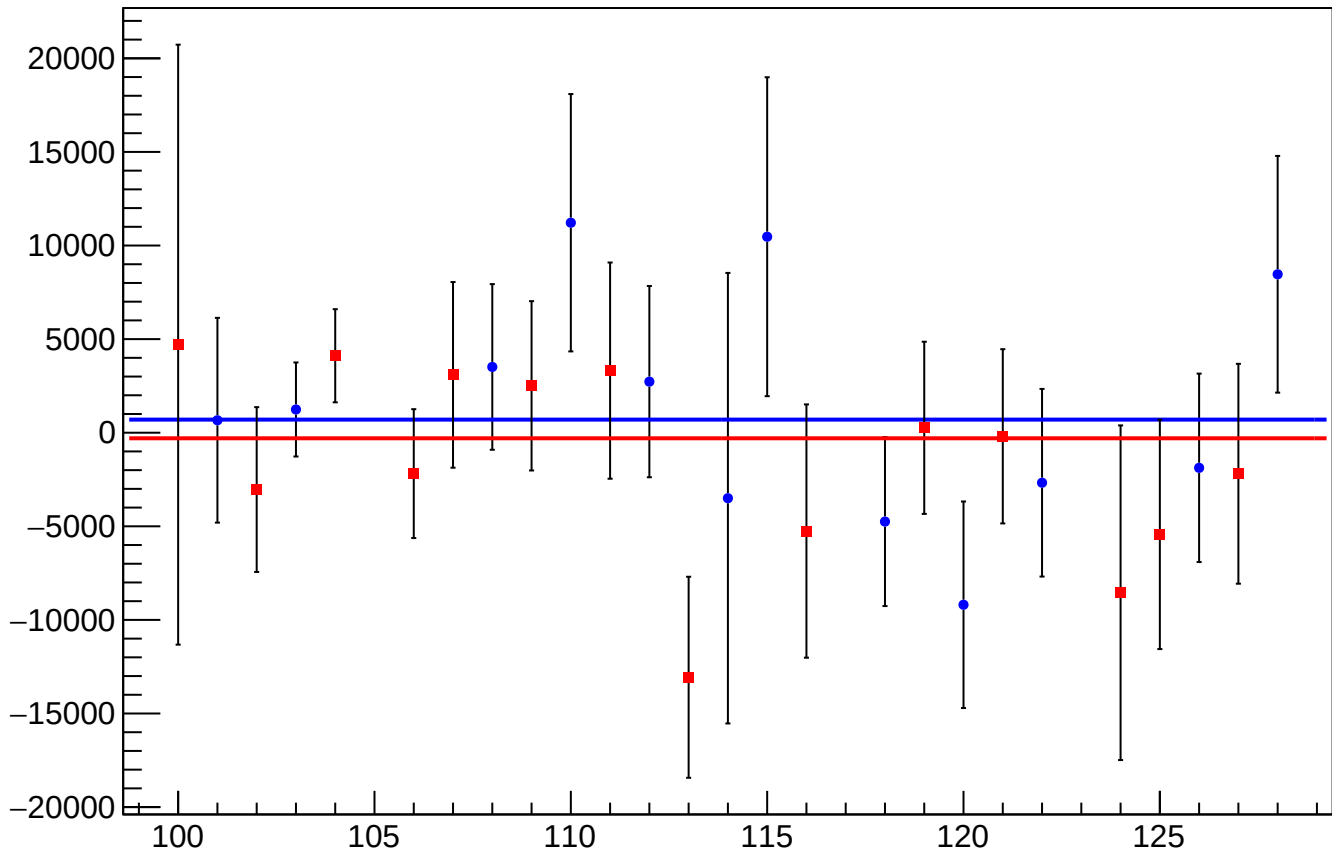
Right Out: 1037.639+/-0.326 χ^2/NDF : 388252.7/13

All: 1055.270+/-0.239 χ^2/NDF : 1061664.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_cor_correction_mean vs Slug



Right In: 700.043 $\pm$ 1401.255 χ^2 /NDF: 11.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -298.362 $\pm$ 1250.942 χ^2 /NDF: 13.0/13

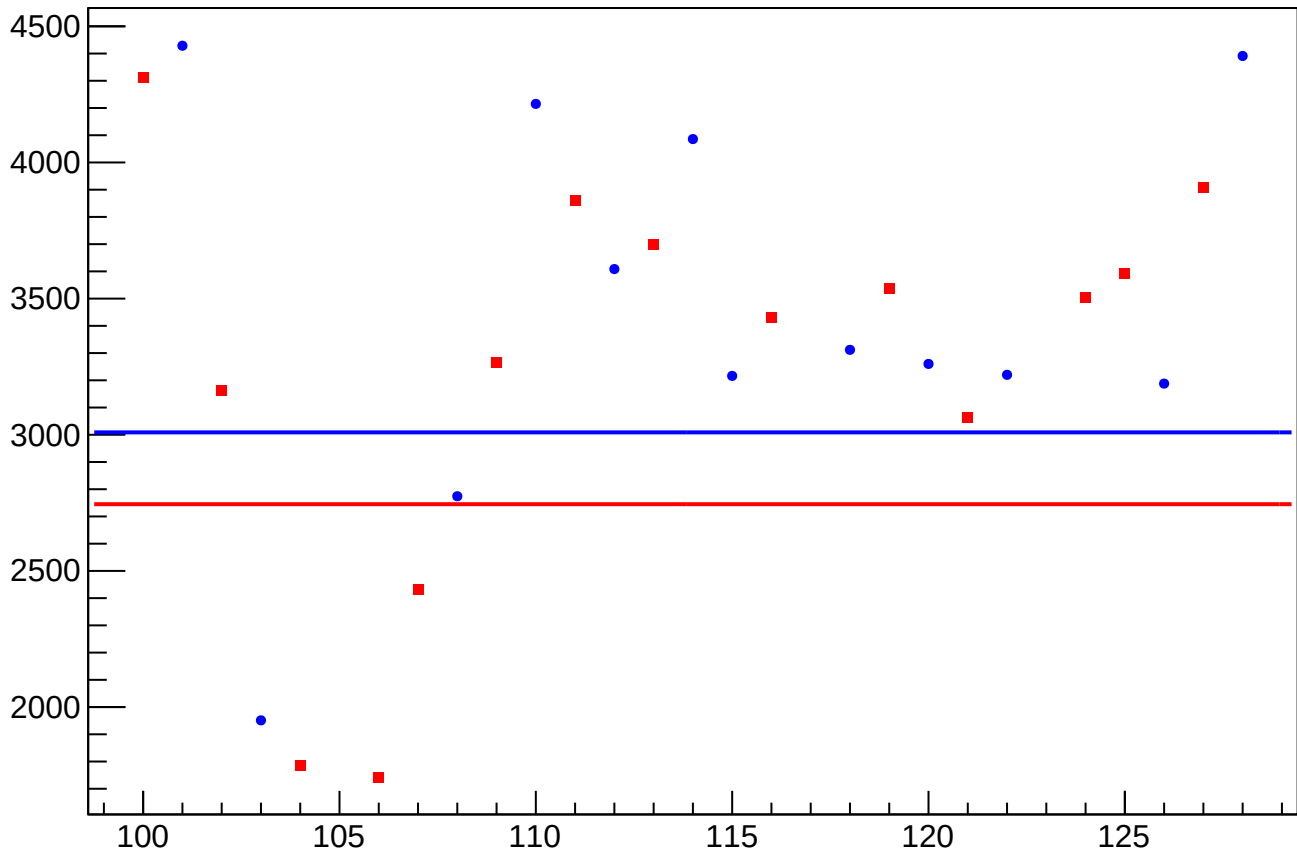
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 144.437 $\pm$ 933.184 χ^2 /NDF: 24.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_cor_correction_rms vs Slug



Right In: 3008.777 $\pm$ 0.991 χ^2 /NDF: 715869.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2745.035 $\pm$ 0.885 χ^2 /NDF: 897937.5/13

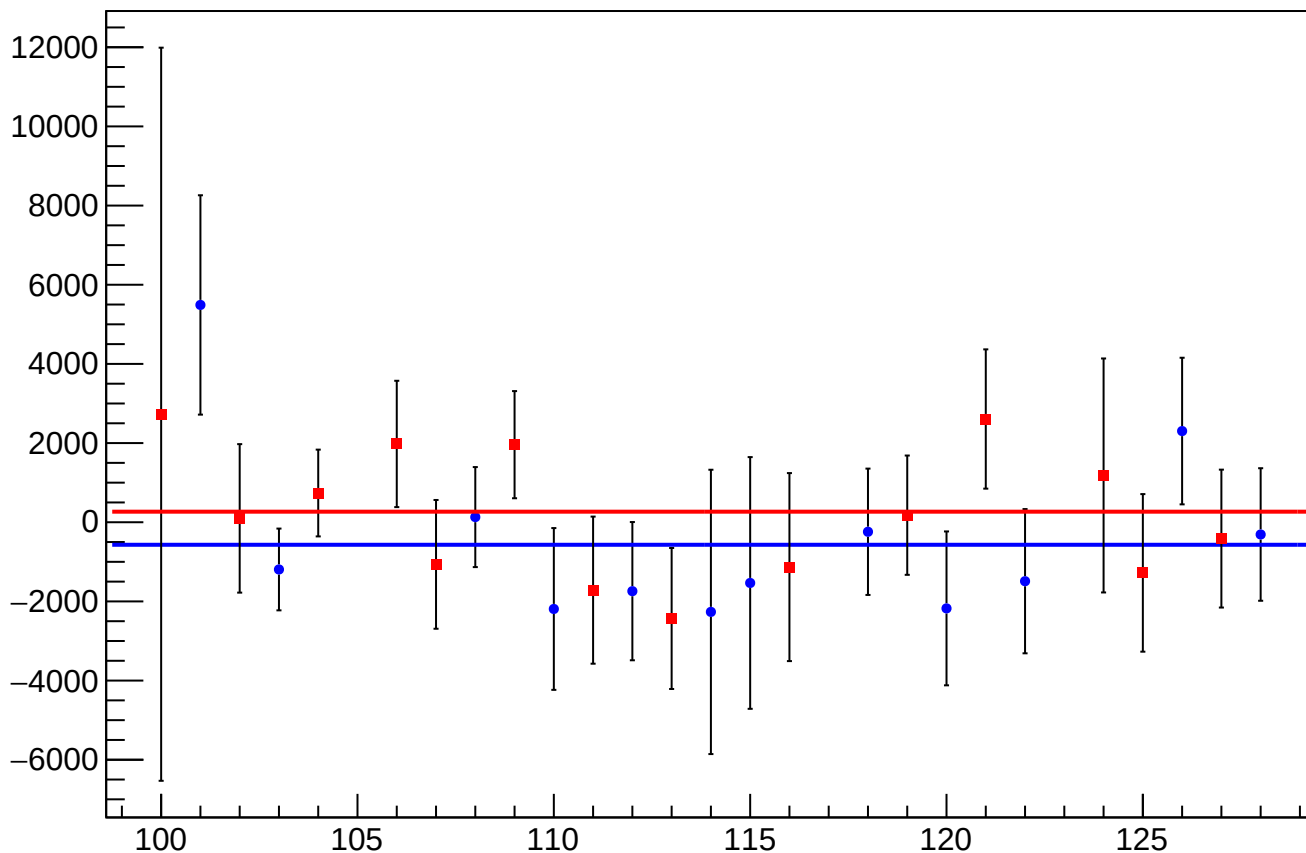
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2862.006 $\pm$ 0.660 χ^2 /NDF: 1653235.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usr_atr2_dd_mean vs Slug



Right In: -569.264+/-497.225 χ^2 /NDF: 10.3/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 266.869+/-461.925 χ^2 /NDF: 10.1/13

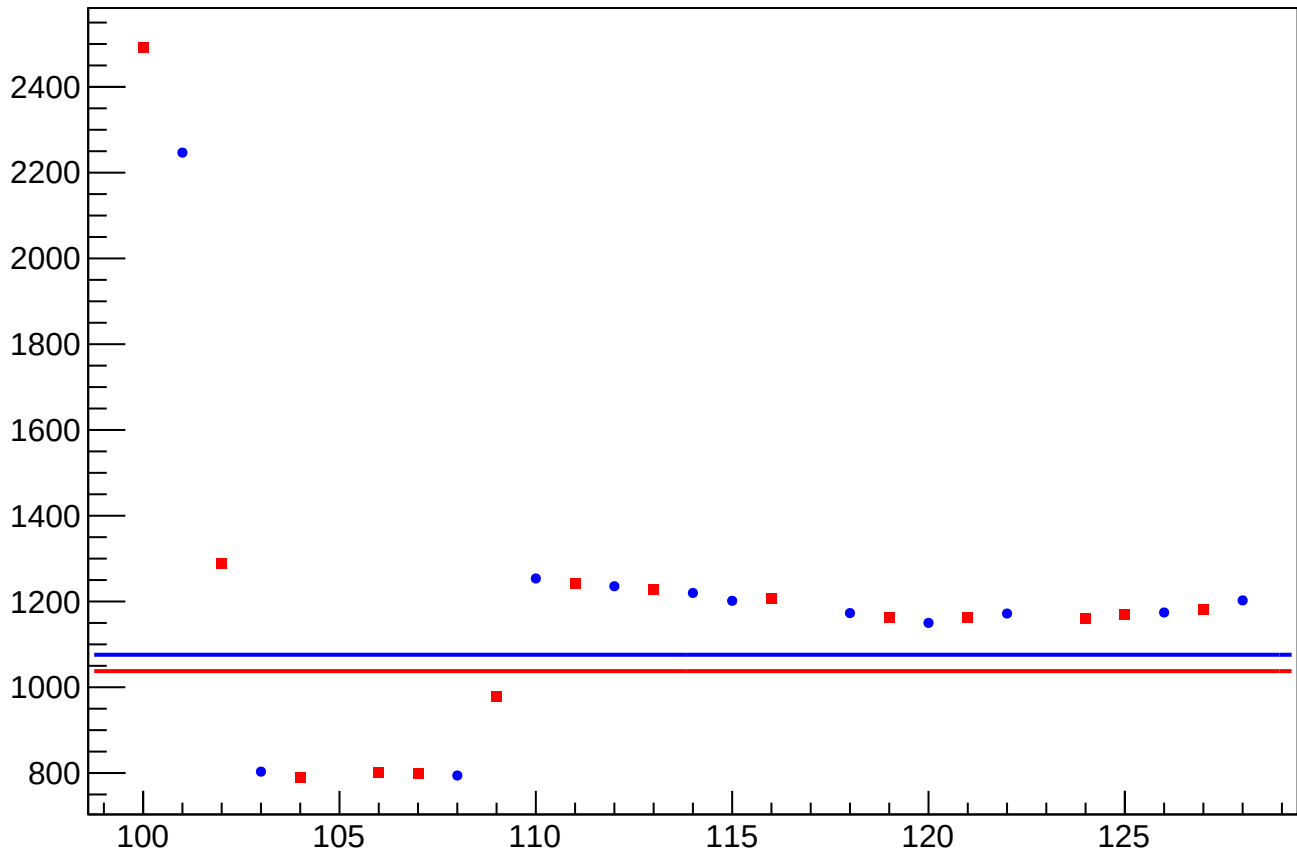
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -120.467+/-338.422 χ^2 /NDF: 21.8/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usr_atr2_dd_rms vs Slug



Right In: 1075.798+/-0.352 χ^2/NDF : 667074.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

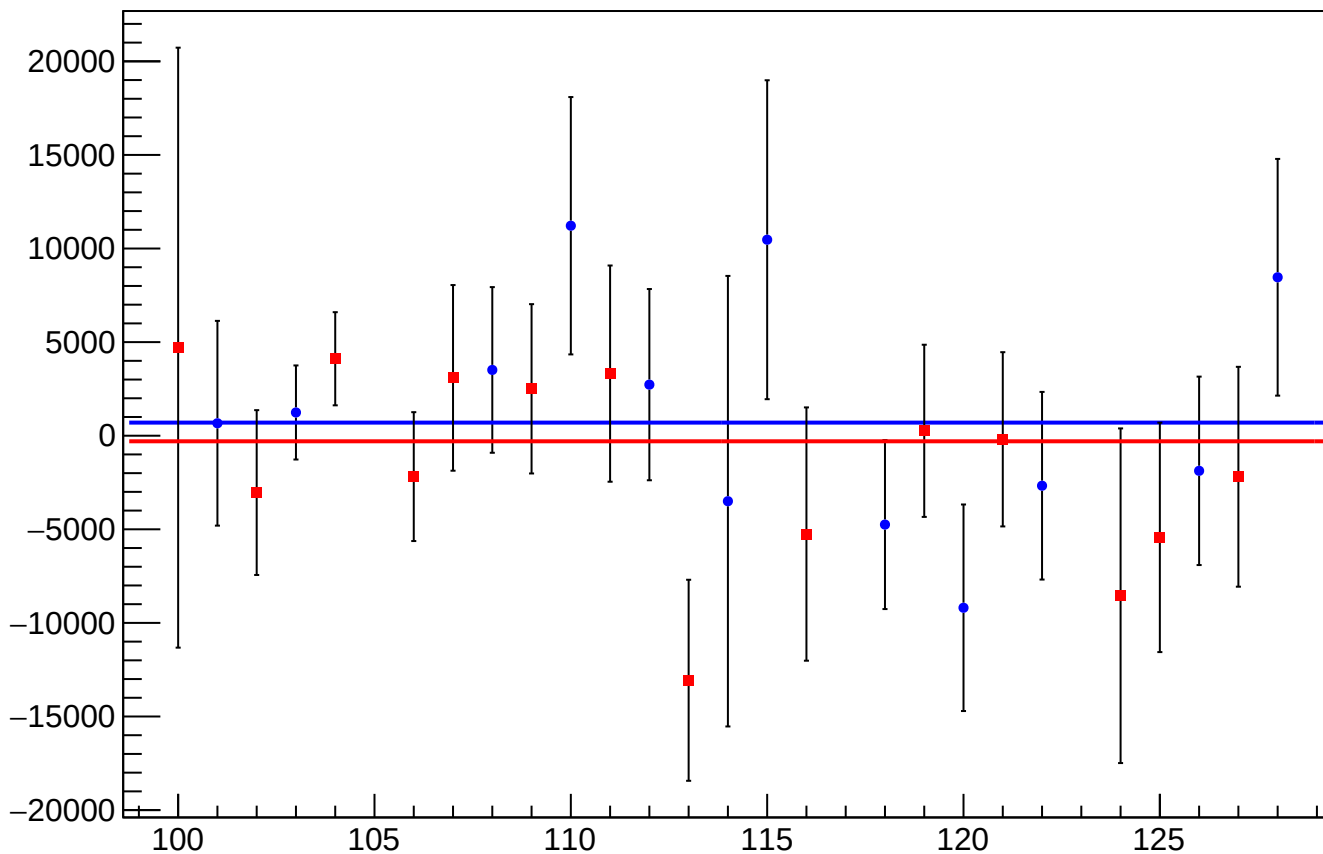
Right Out: 1037.639+/-0.326 χ^2/NDF : 388252.7/13

All: 1055.270+/-0.239 χ^2/NDF : 1061664.6/25

- 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_cor_correction_mean vs Slug



Right In: 700.043+/-1401.255 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -298.362+/-1250.942 χ^2/NDF : 13.0/13

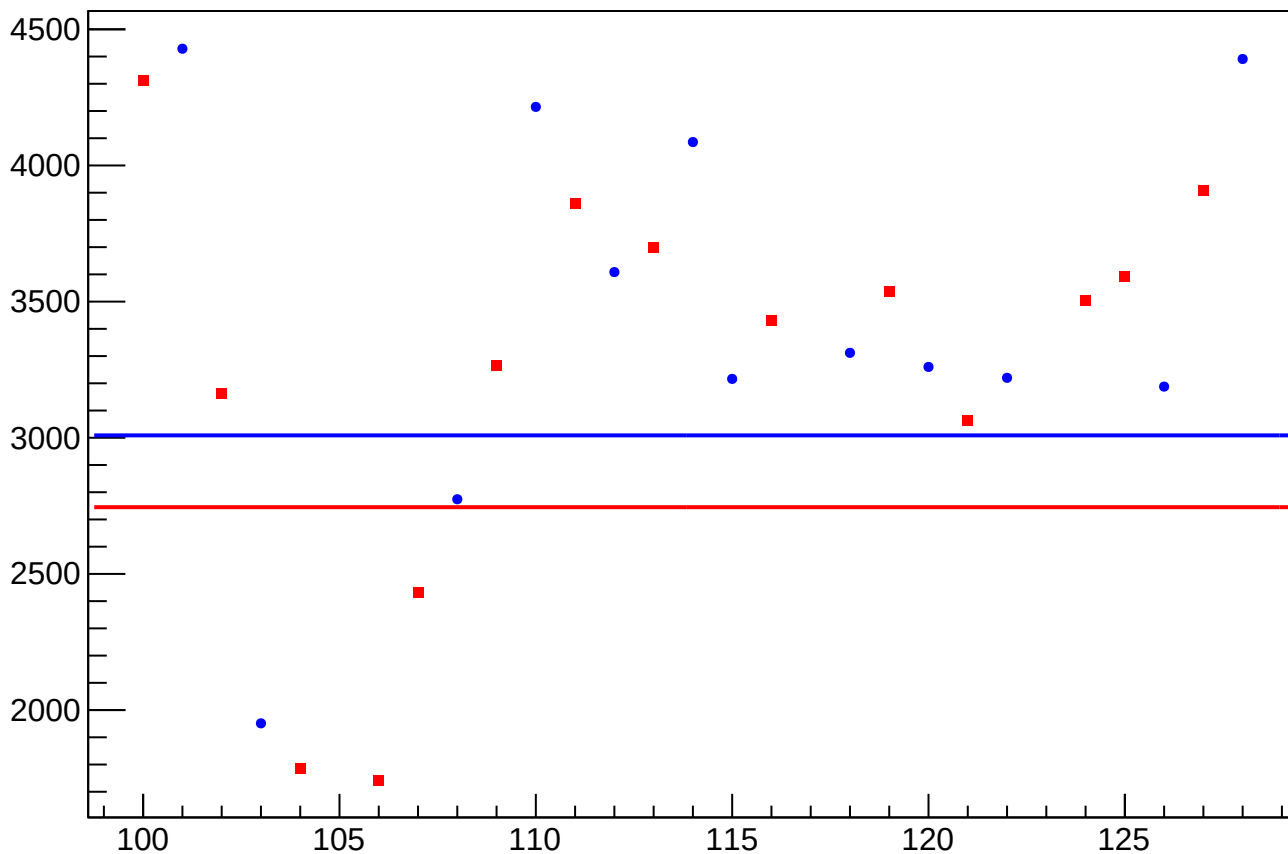
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.437+/-933.184 χ^2/NDF : 24.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_cor_correction_rms vs Slug



Right In: 3008.777+/-0.991 χ^2/NDF : 715869.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

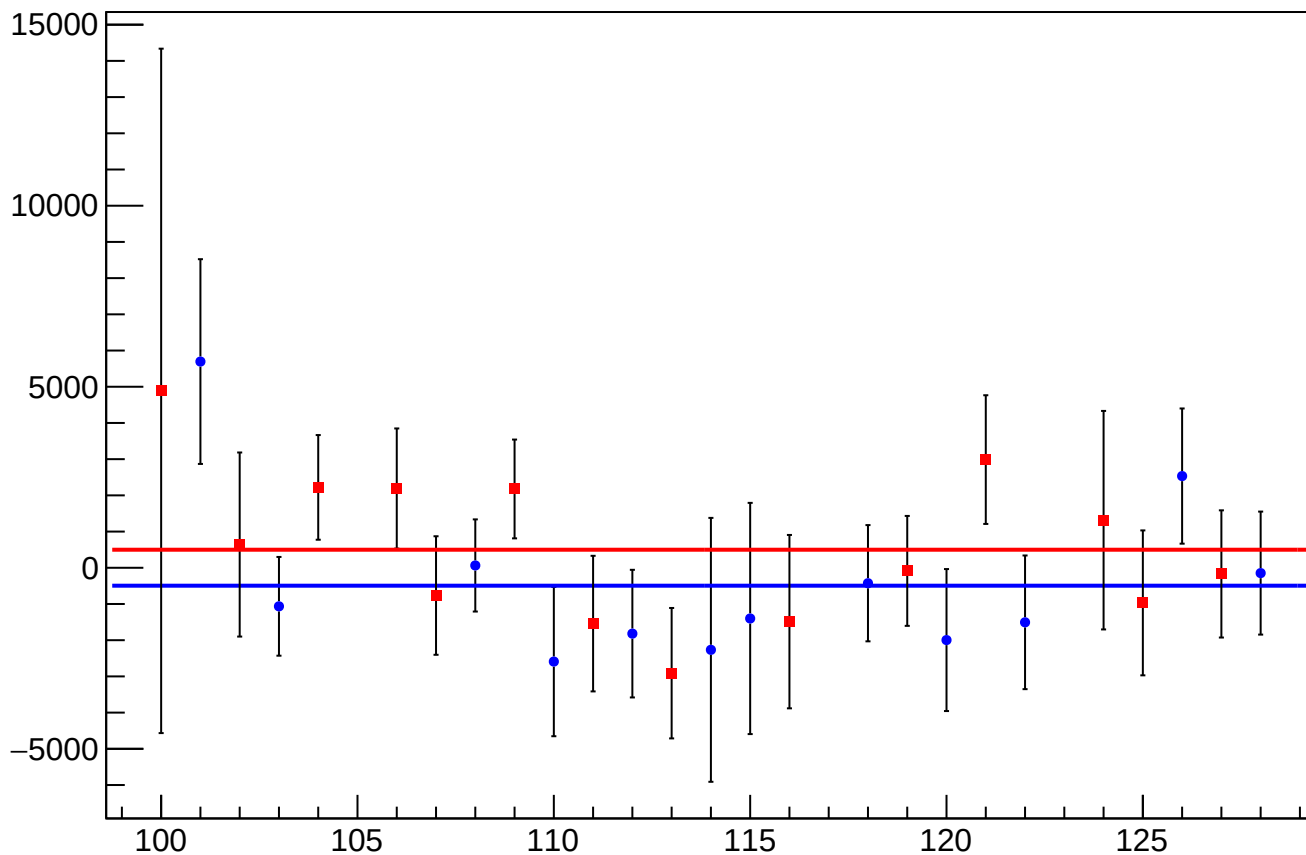
Right Out: 2745.035+/-0.885 χ^2/NDF : 897937.5/13

All: 2862.006+/-0.660 χ^2/NDF : 1653235.3/25

- 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: -494.772+/-528.089 χ^2/NDF : 10.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 498.713+/-492.661 χ^2/NDF : 13.1/13

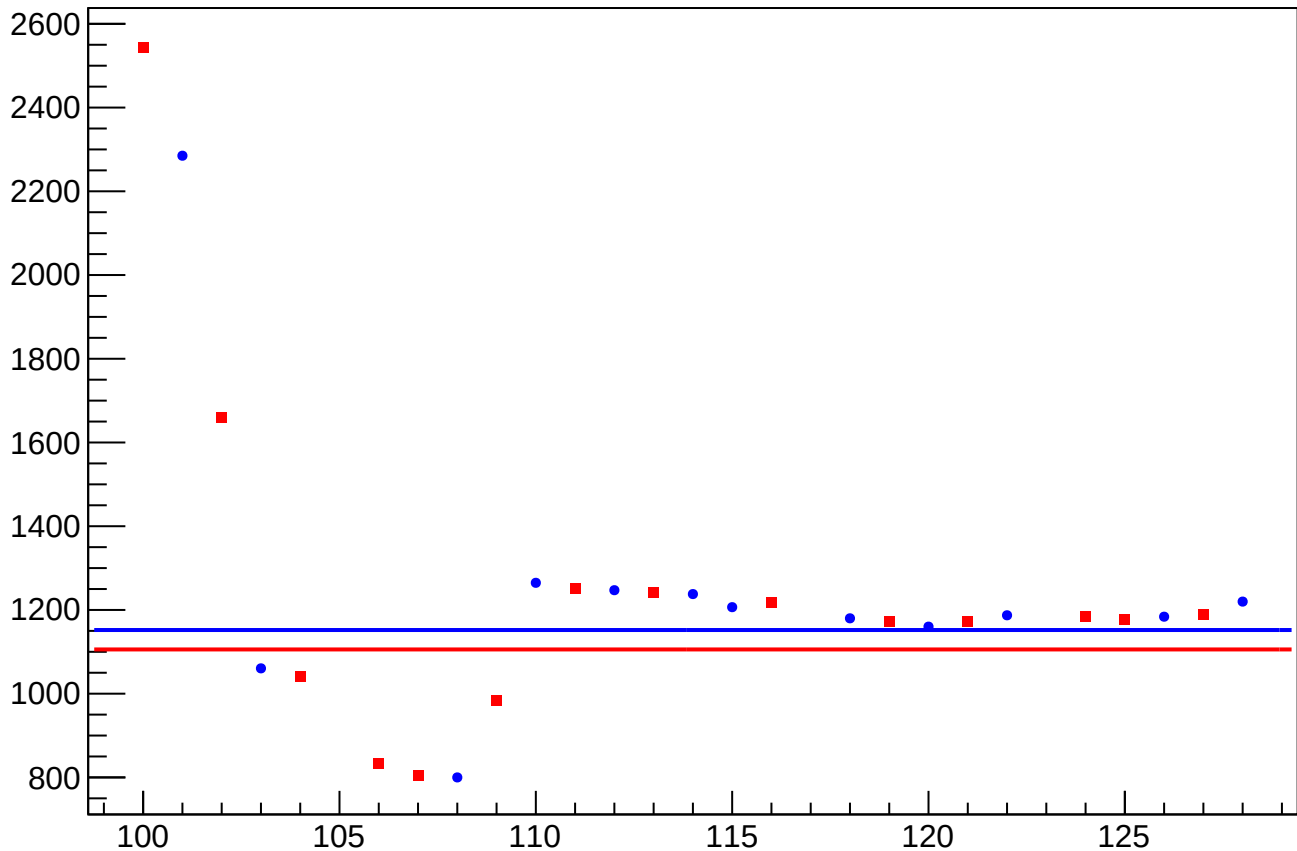
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.412+/-360.238 χ^2/NDF : 25.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr2_dd_rms vs Slug



Right In: 1152.062+/-0.373 χ^2/NDF : 501826.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

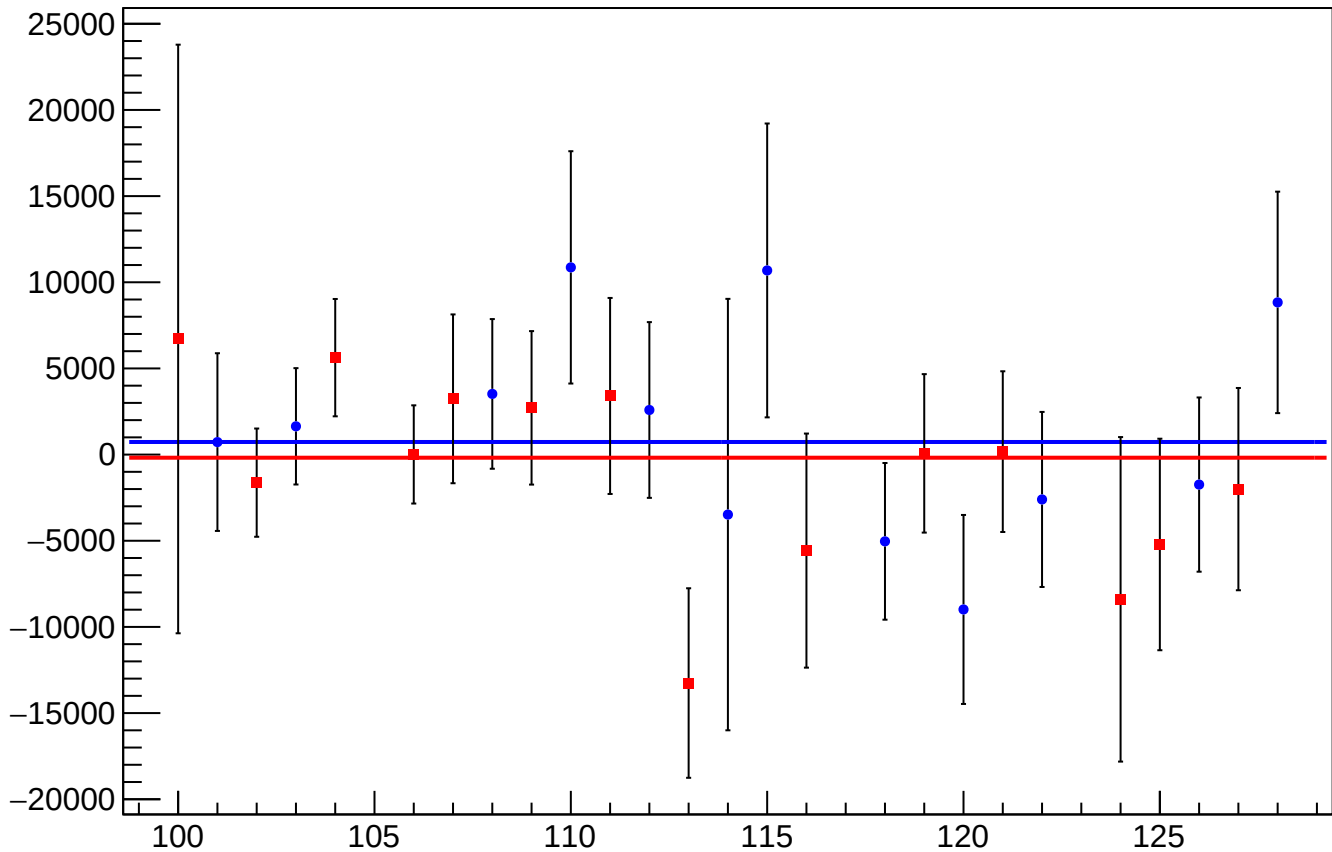
Right Out: 1105.663+/-0.348 χ^2/NDF : 326625.8/13

All: 1127.241+/-0.255 χ^2/NDF : 836711.4/25

- 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_dit_correction_mean vs Slug



Right In: 731.690 $\pm$ 1502.892 χ^2 /NDF: 11.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -180.685 $\pm$ 1238.299 χ^2 /NDF: 12.4/13

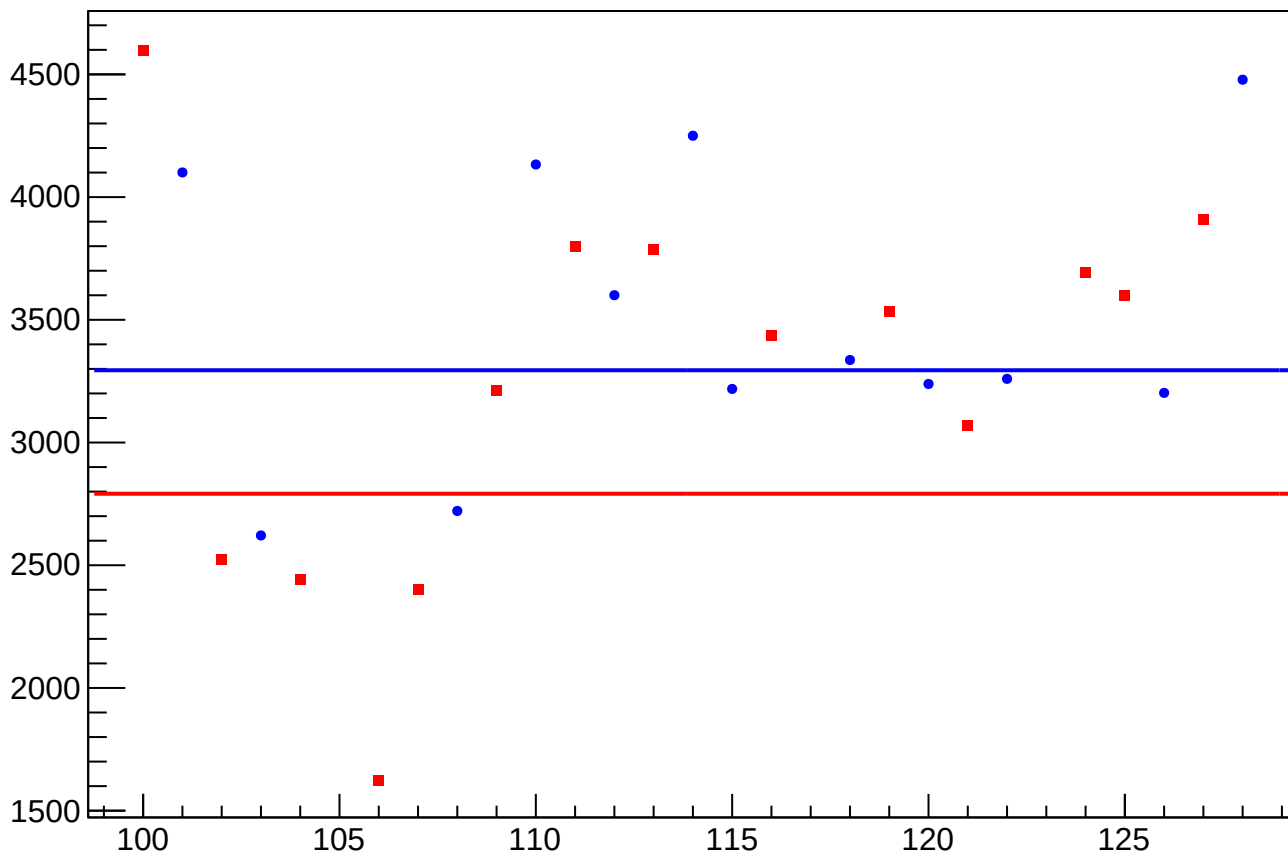
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 188.248 $\pm$ 955.686 χ^2 /NDF: 24.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_dit_correction_rms vs Slug



Right In: 3294.489+/-1.063 χ^2/NDF : 282196.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

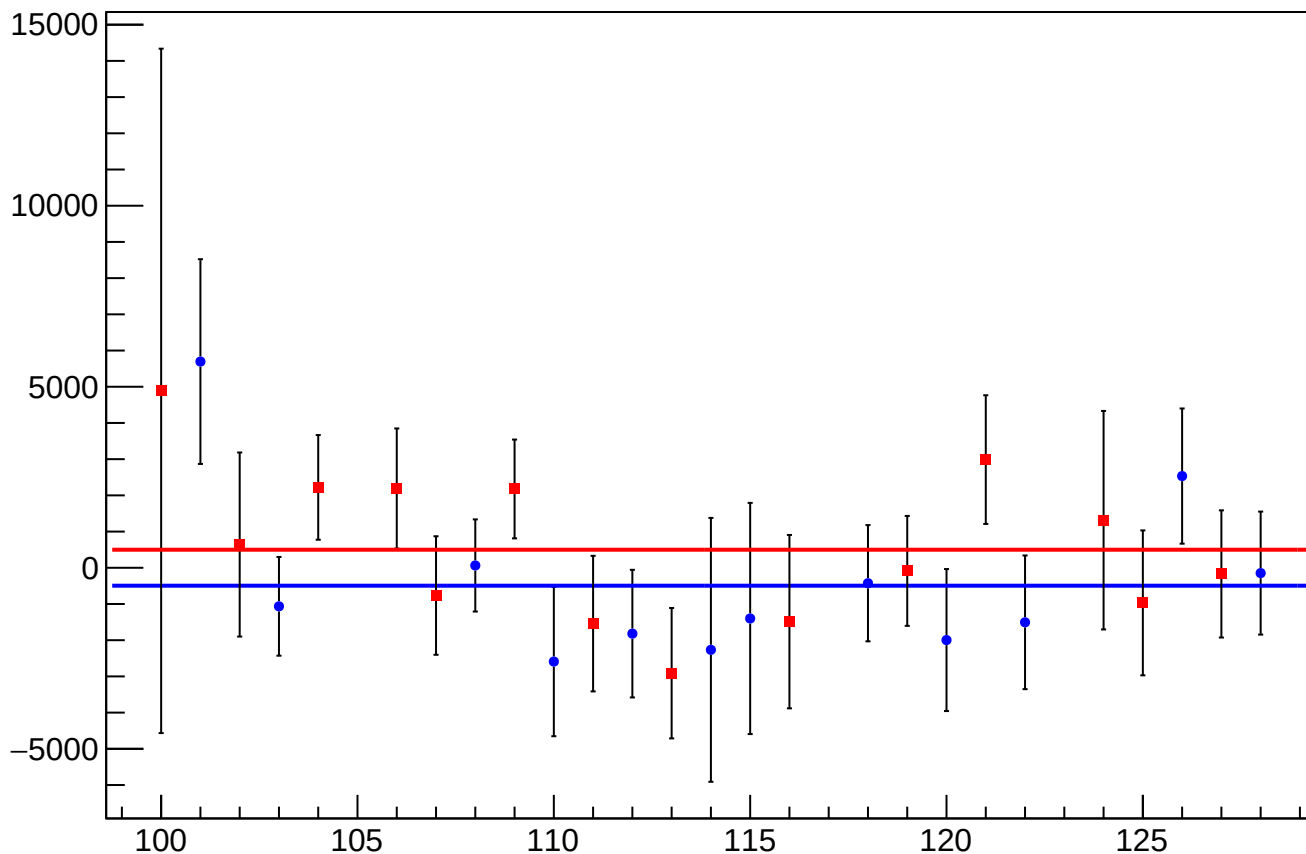
Right Out: 2791.406+/-0.876 χ^2/NDF : 755091.7/13

All: 2994.835+/-0.676 χ^2/NDF : 1170773.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr2_dd_mean vs Slug



Right In: -494.772+/-528.089 χ^2/NDF : 10.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 498.717+/-492.661 χ^2/NDF : 13.1/13

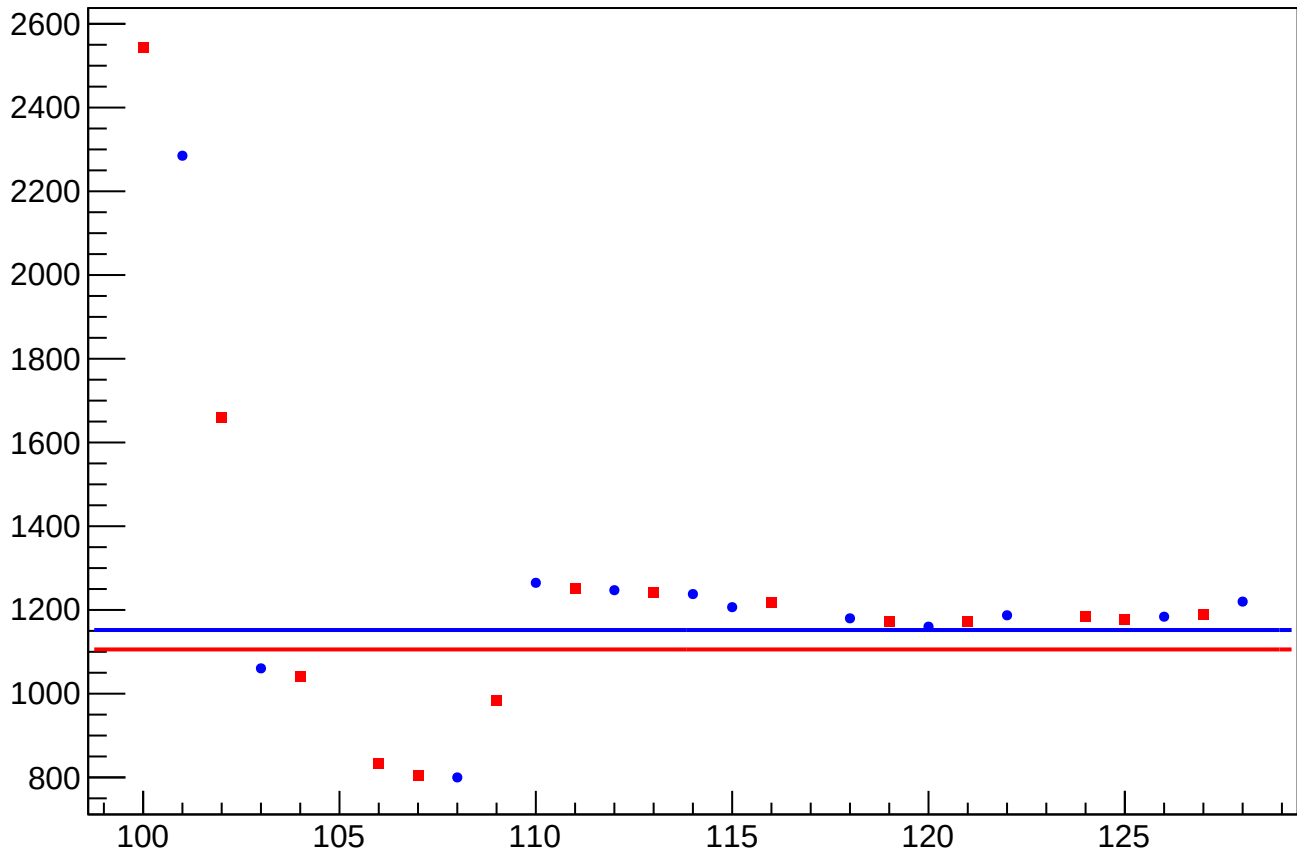
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.413+/-360.238 χ^2/NDF : 25.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr2_dd_rms vs Slug



Right In: 1152.061+/-0.373 χ^2/NDF : 501826.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

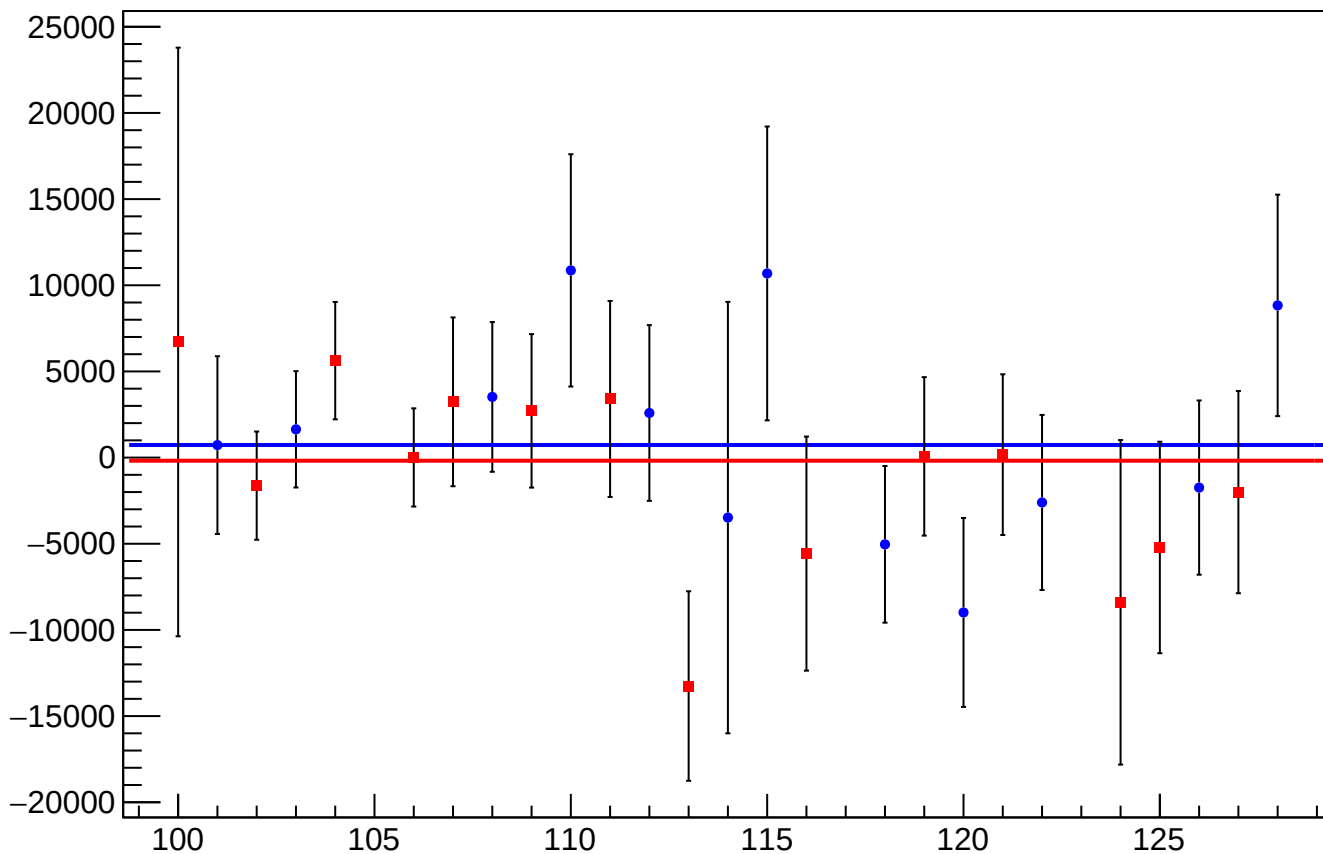
Right Out: 1105.664+/-0.348 χ^2/NDF : 326625.6/13

All: 1127.241+/-0.255 χ^2/NDF : 836711.4/25

- 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: 731.682+/-1502.890 χ^2/NDF : 11.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -180.678+/-1238.296 χ^2/NDF : 12.4/13

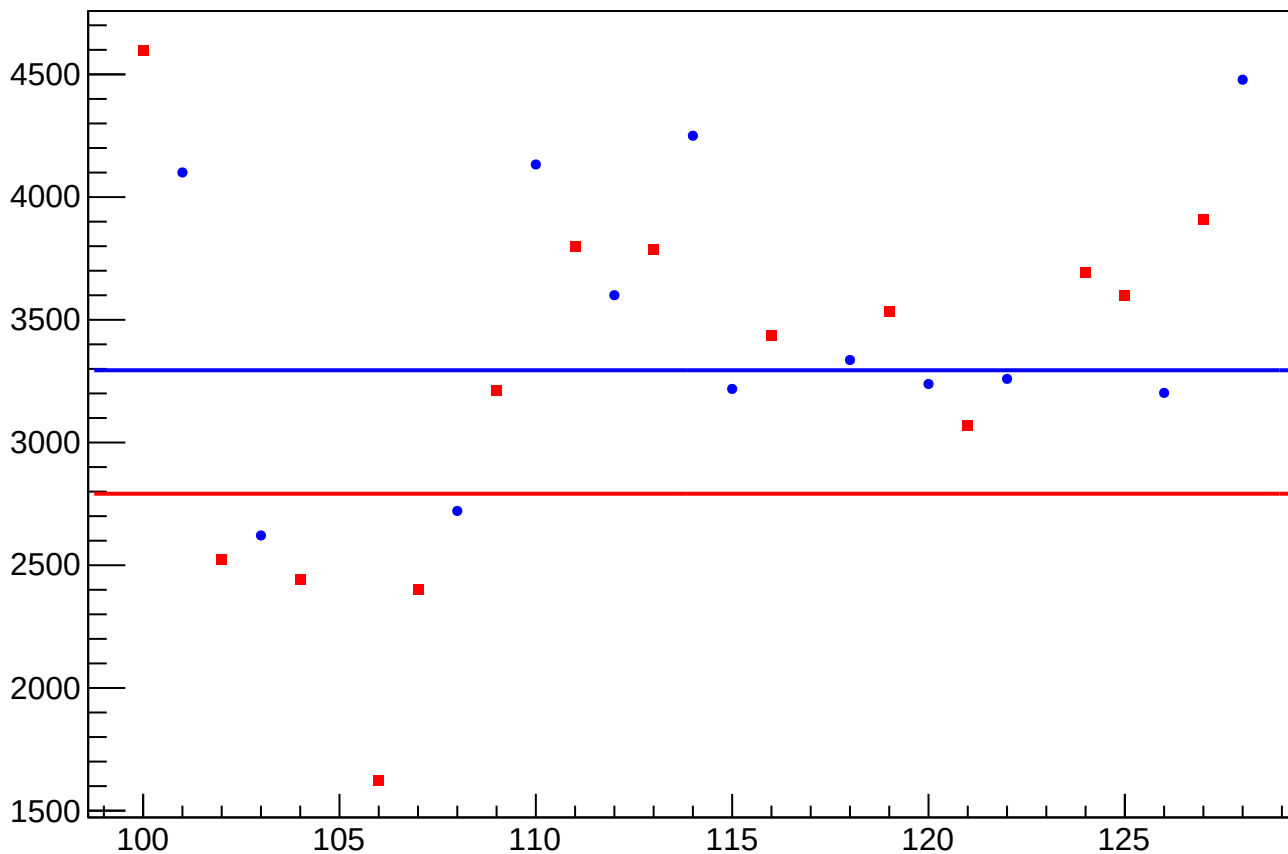
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.249+/-955.684 χ^2/NDF : 24.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_dit_correction_rms vs Slug



Right In: 3294.484+/-1.063 χ^2/NDF : 282192.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2791.400+/-0.876 χ^2/NDF : 755091.6/13

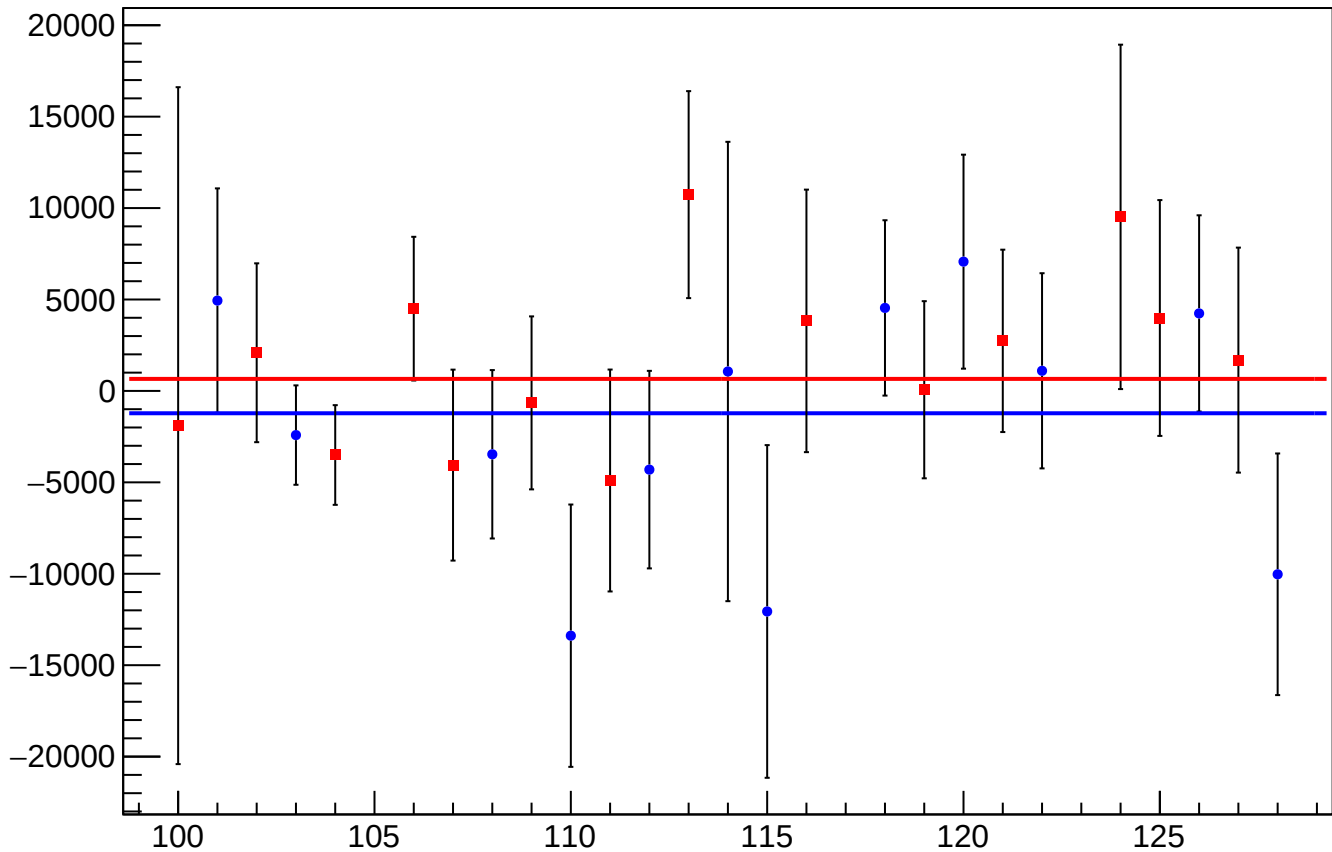
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2994.830+/-0.676 χ^2/NDF : 1170770.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_mean vs Slug



Right In: -1221.856+/-1496.336 χ^2 /NDF: 12.5/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 657.666+/-1351.181 χ^2 /NDF: 9.9/13

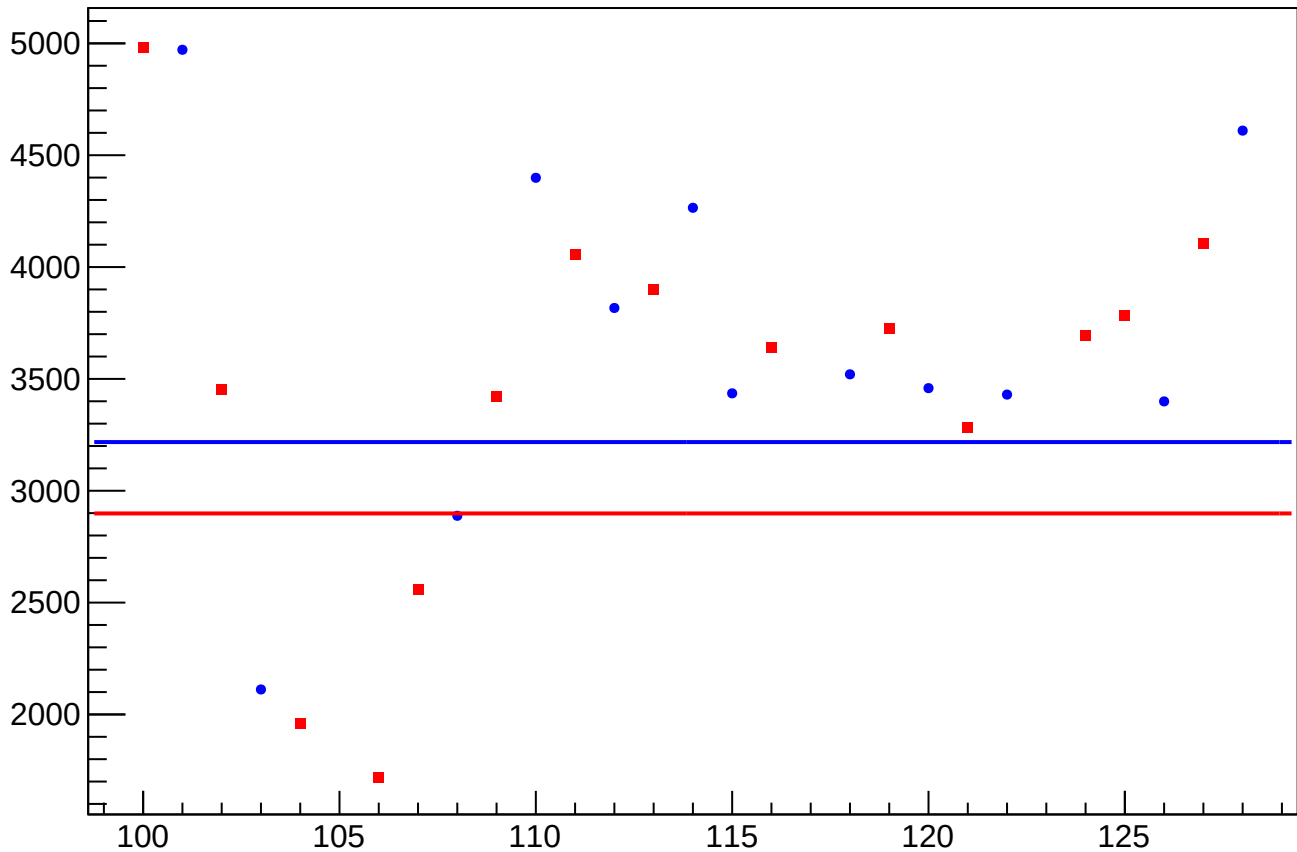
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -186.533+/-1002.831 χ^2 /NDF: 23.3/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_rms vs Slug



Right In: 3217.643+/-1.058 χ^2/NDF : 704248.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

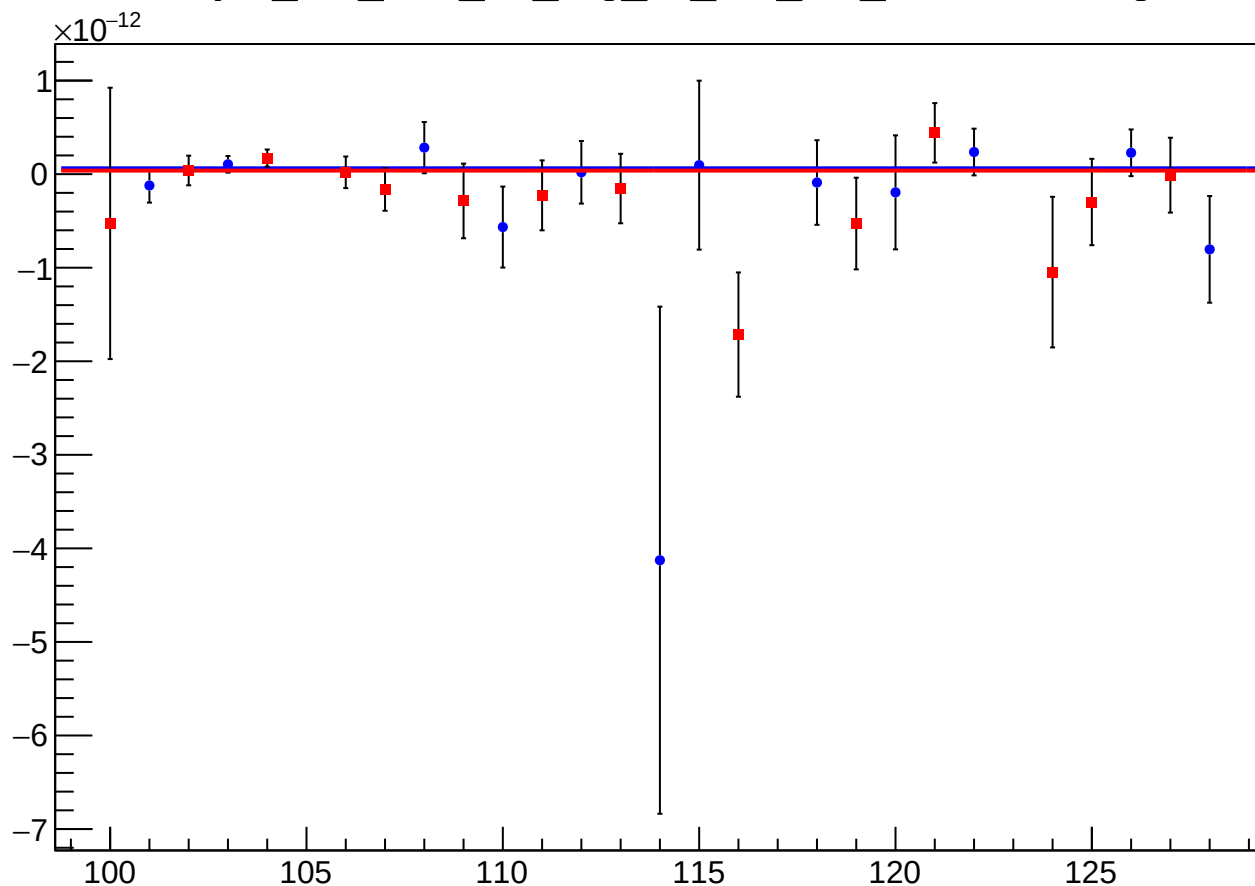
Right Out: 2898.593+/-0.936 χ^2/NDF : 921821.9/13

All: 3038.667+/-0.701 χ^2/NDF : 1677076.4/25

- 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 $\pm$ 0.000 χ^2 /NDF: 9.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.8/13

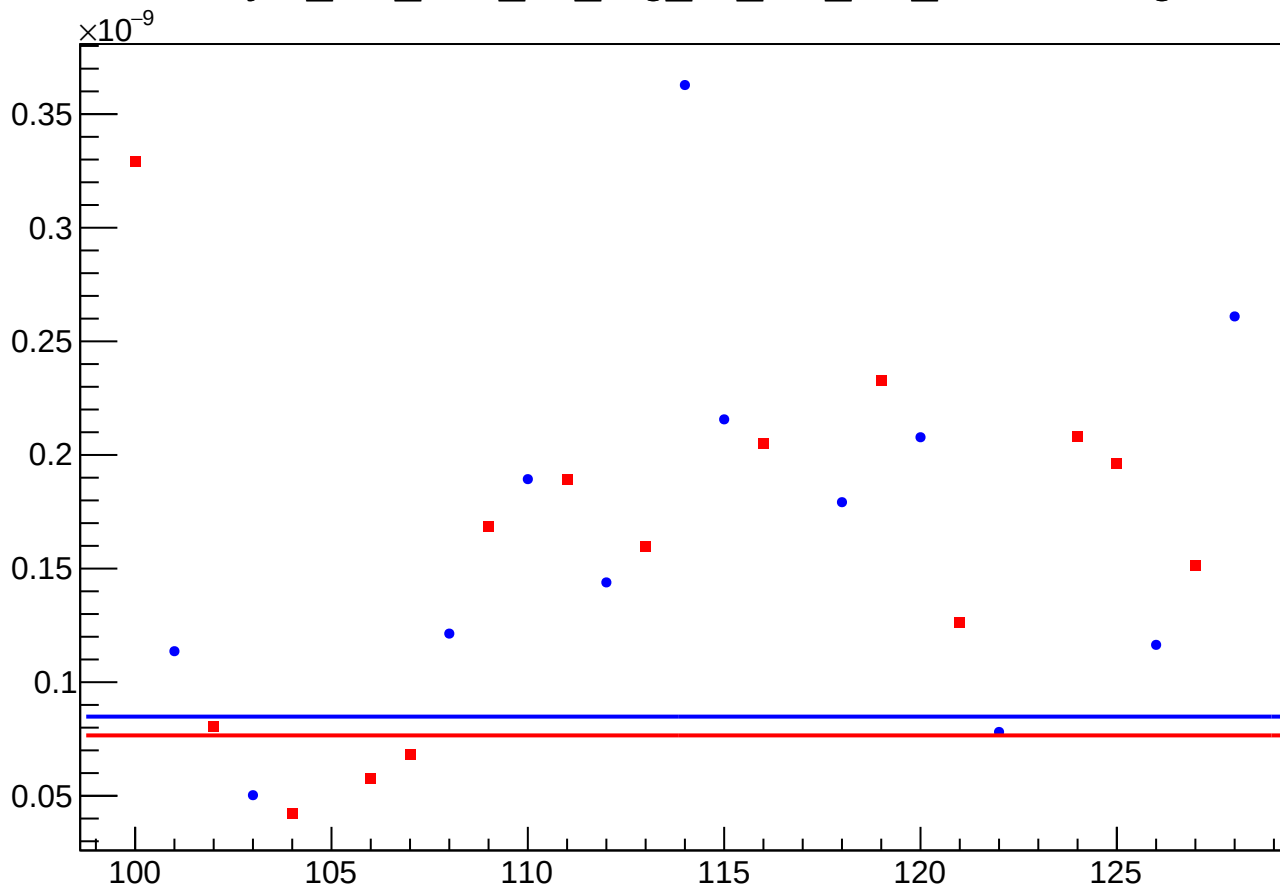
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 26.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1021746.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1345801.0/13

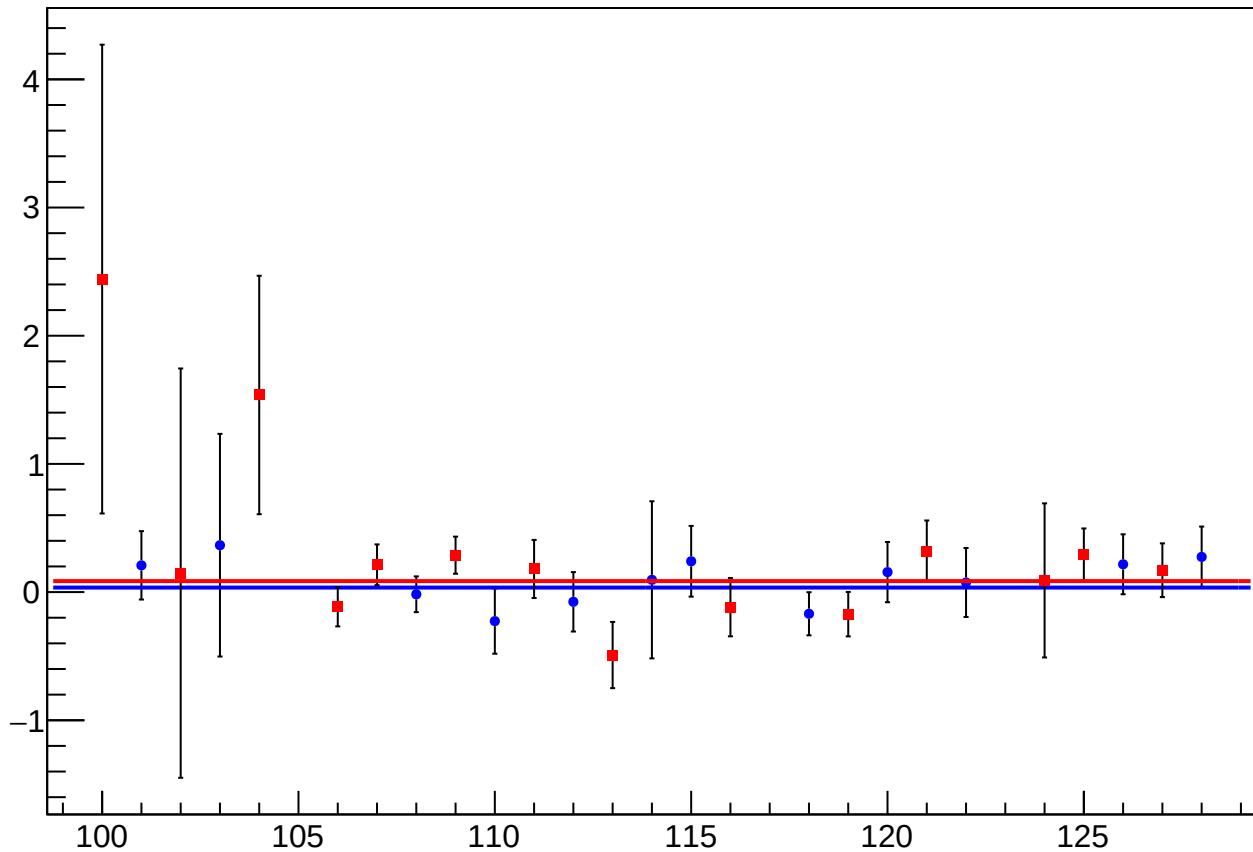
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2384274.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.035 $\pm$ 0.067 χ^2 /NDF: 5.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.086 $\pm$ 0.059 χ^2 /NDF: 18.8/13

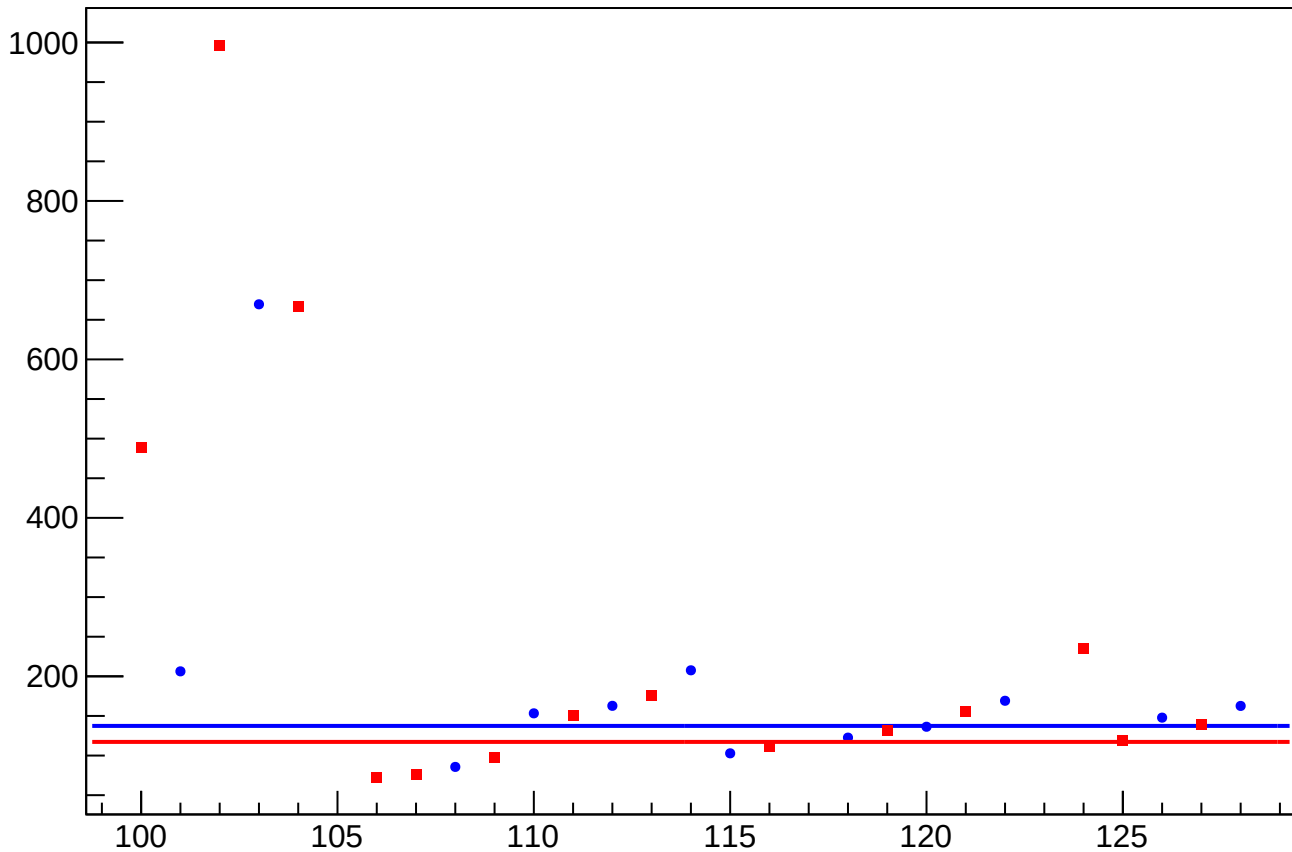
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.064 $\pm$ 0.044 χ^2 /NDF: 25.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 137.423+/-0.048 χ^2/NDF : 1318377.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

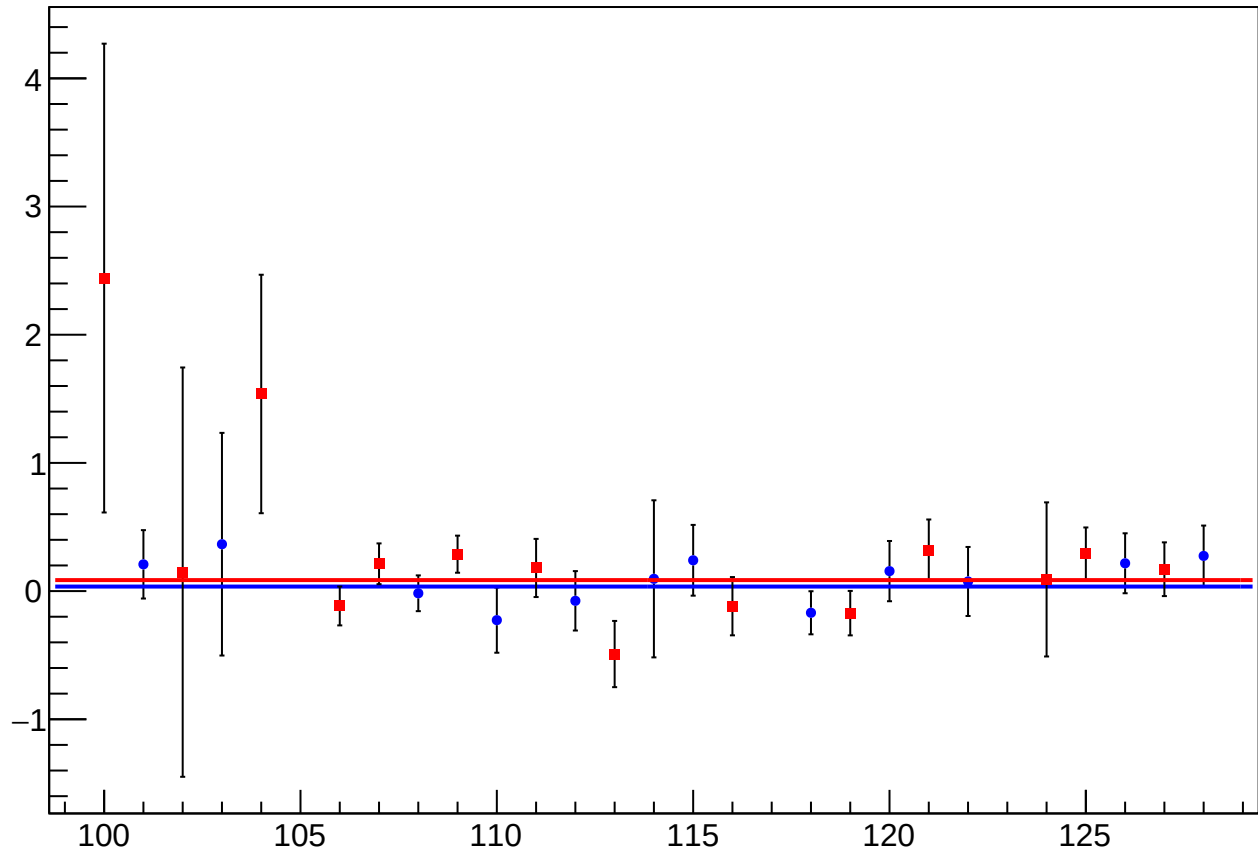
Right Out: 117.230+/-0.042 χ^2/NDF : 2056908.3/13

All: 125.997+/-0.031 χ^2/NDF : 3476808.5/25

- 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_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.035 $\pm$ 0.067 χ^2 /NDF: 5.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.086 $\pm$ 0.059 χ^2 /NDF: 18.8/13

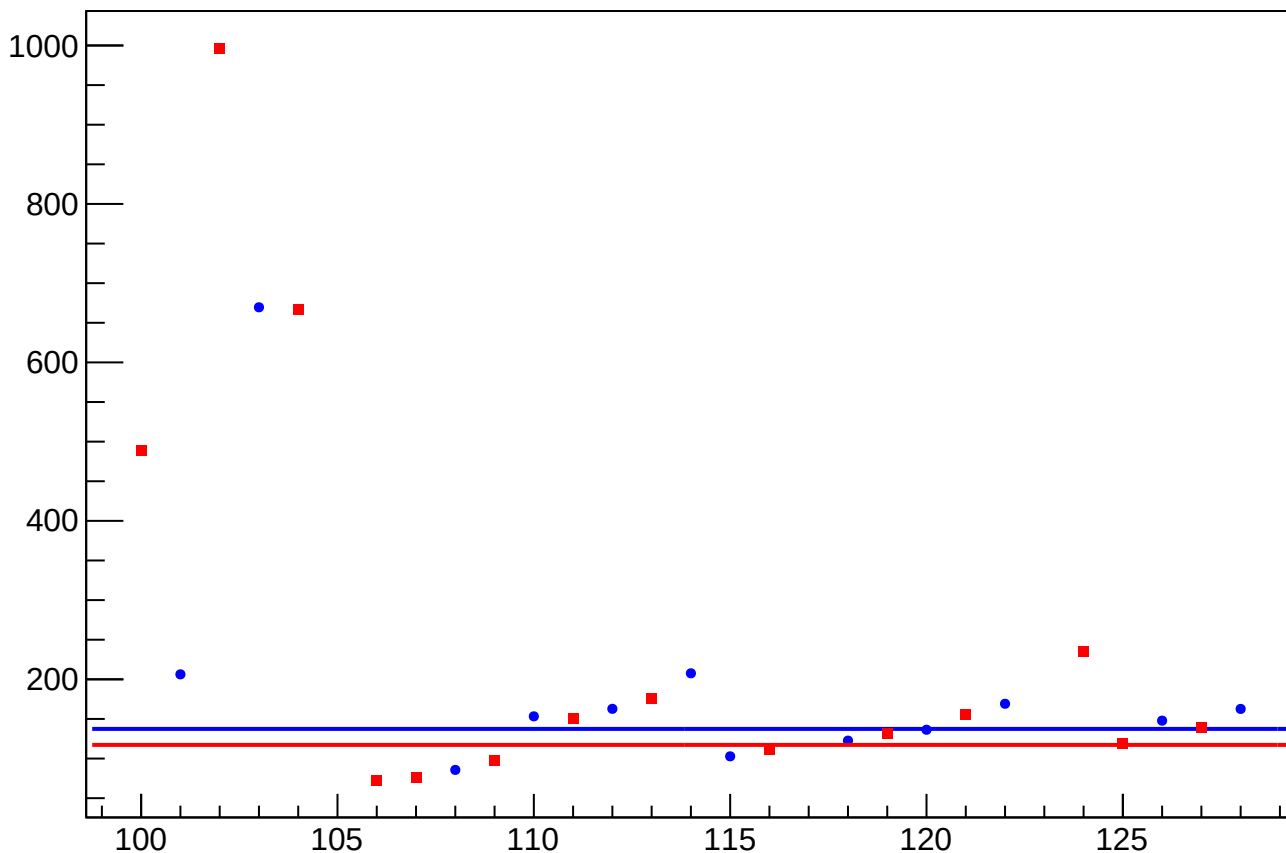
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.064 $\pm$ 0.044 χ^2 /NDF: 25.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 137.423+/-0.048 χ^2/NDF : 1318377.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

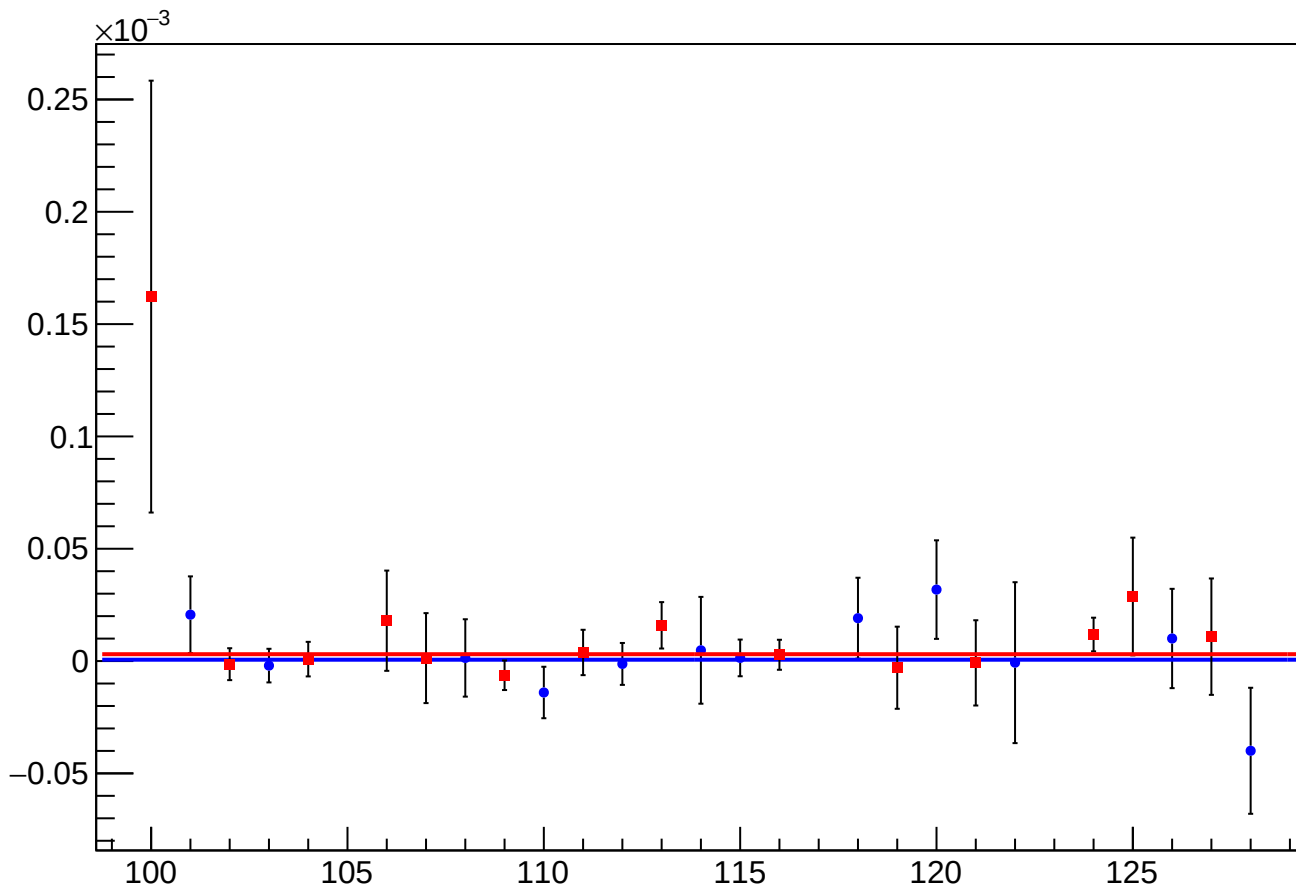
Right Out: 117.230+/-0.042 χ^2/NDF : 2056908.3/13

All: 125.997+/-0.031 χ^2/NDF : 3476808.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 8.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.8/13

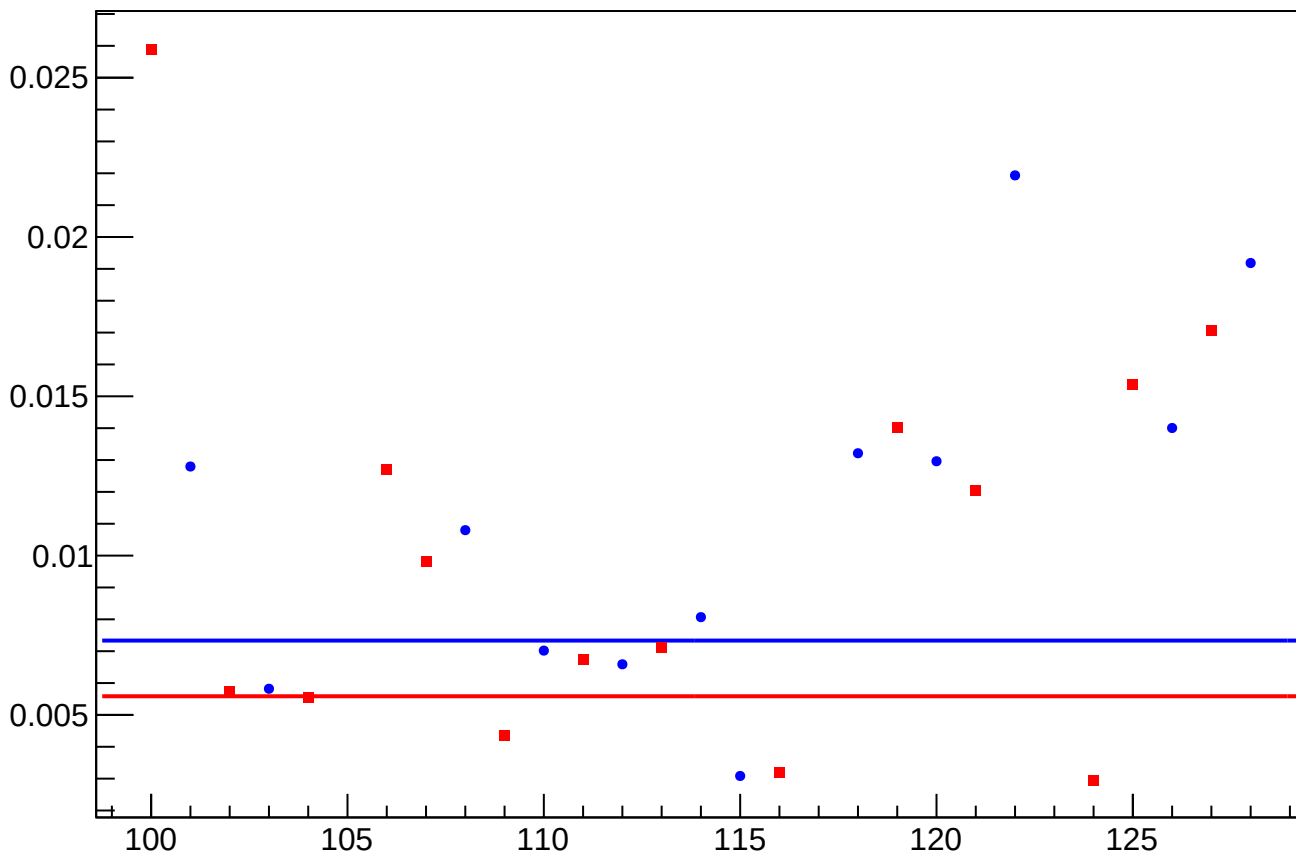
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.7/25

- 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: 0.007+/-0.000 χ^2/NDF : 2142080.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 2357732.6/13

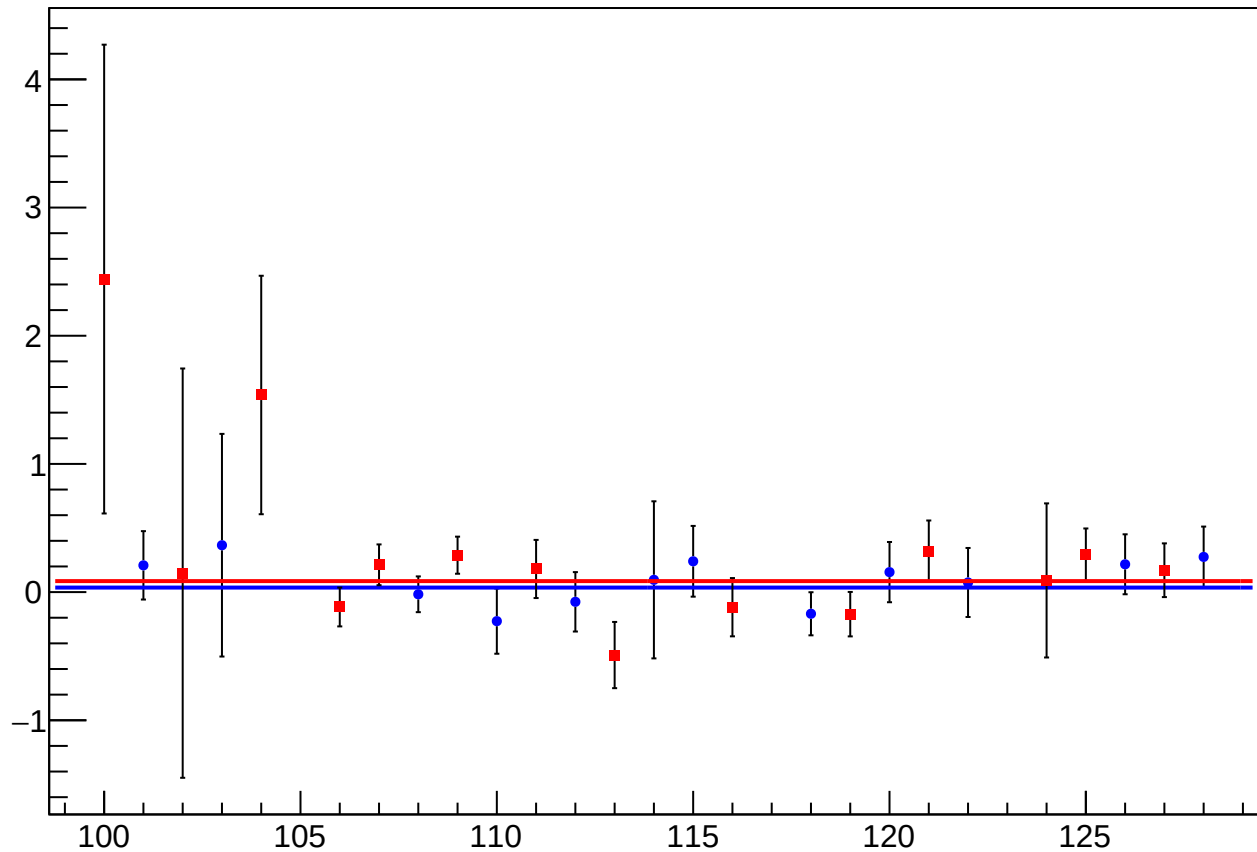
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 4779100.6/25

- 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: 0.035 $\pm$ 0.067 χ^2 /NDF: 5.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.086 $\pm$ 0.059 χ^2 /NDF: 18.8/13

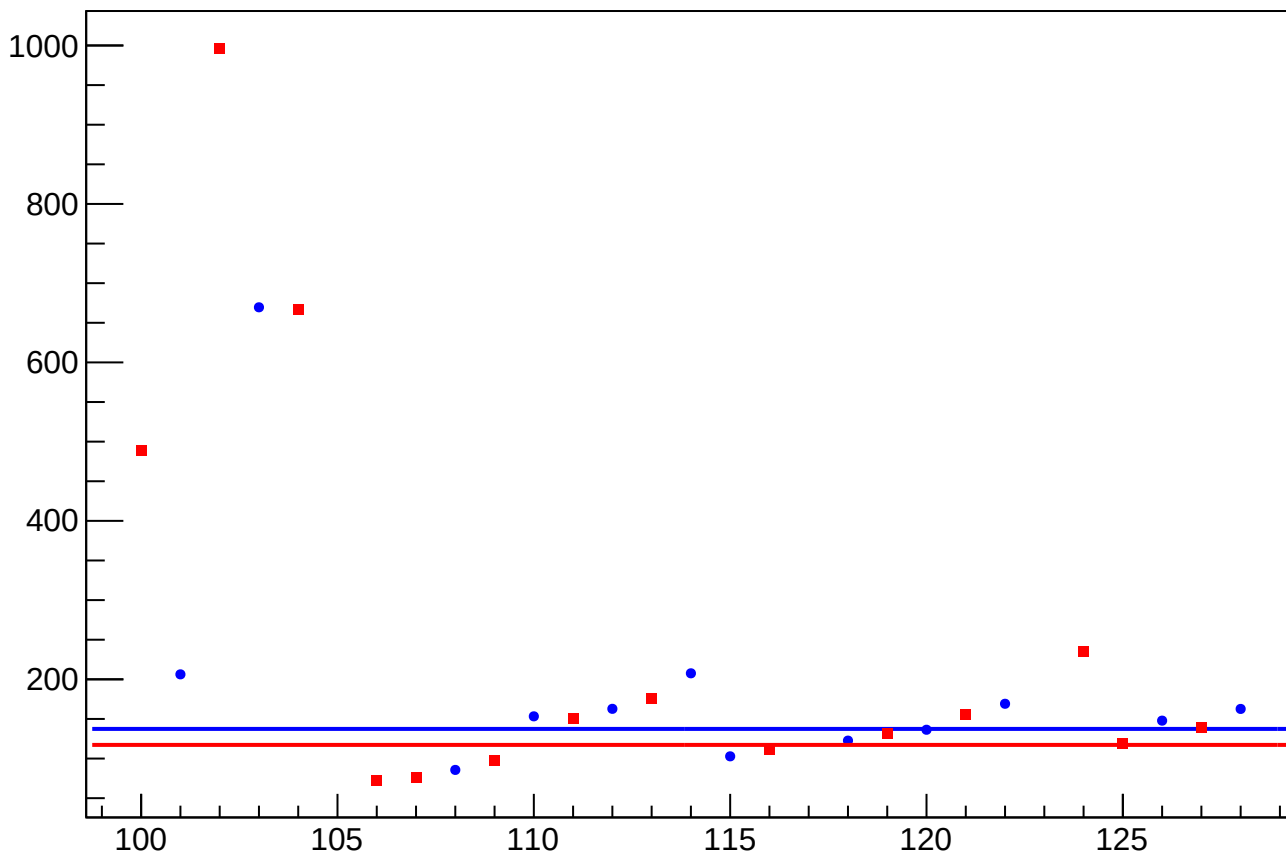
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.064 $\pm$ 0.044 χ^2 /NDF: 25.1/25

- 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: 137.420+/-0.048 χ^2/NDF : 1318449.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

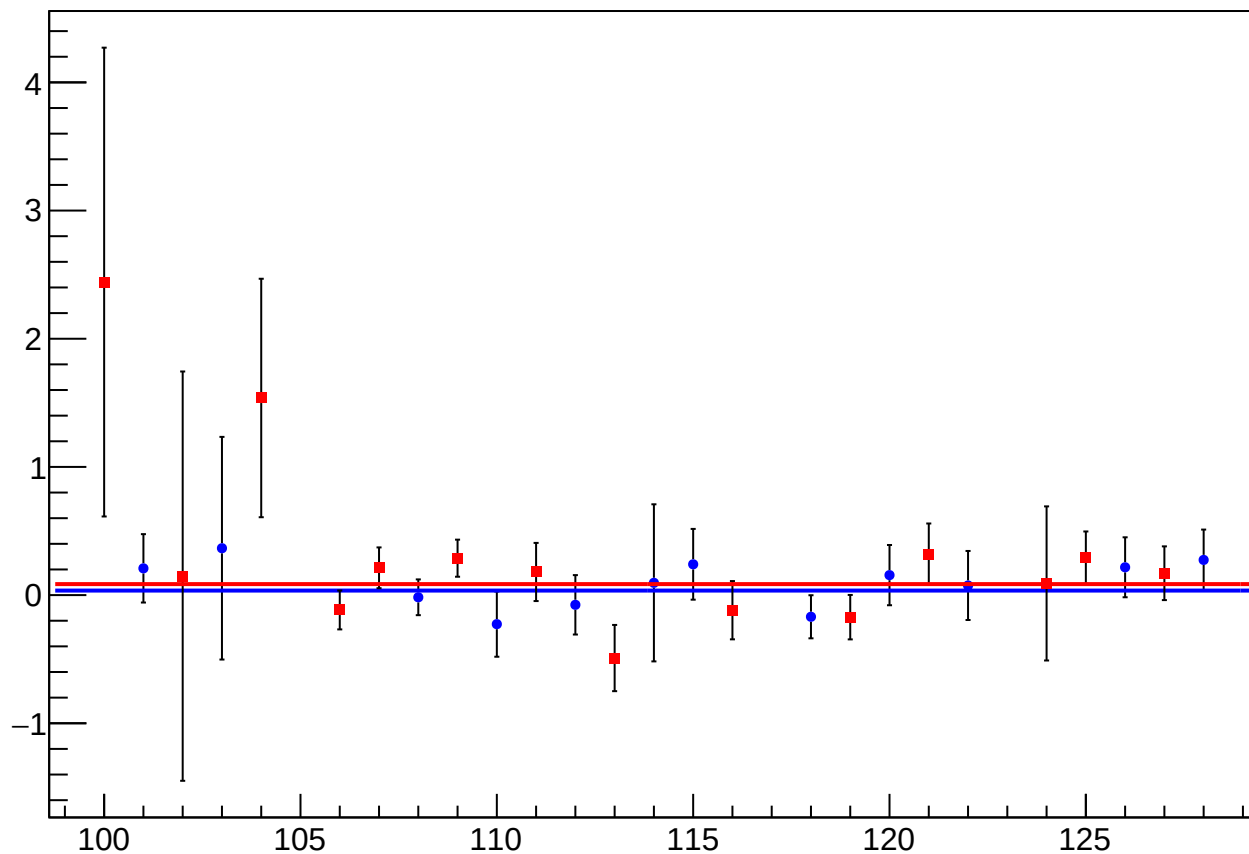
Right Out: 117.231+/-0.042 χ^2/NDF : 2056906.4/13

All: 125.996+/-0.031 χ^2/NDF : 3476847.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.035 $\pm$ 0.067 χ^2 /NDF: 5.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.086 $\pm$ 0.059 χ^2 /NDF: 18.8/13

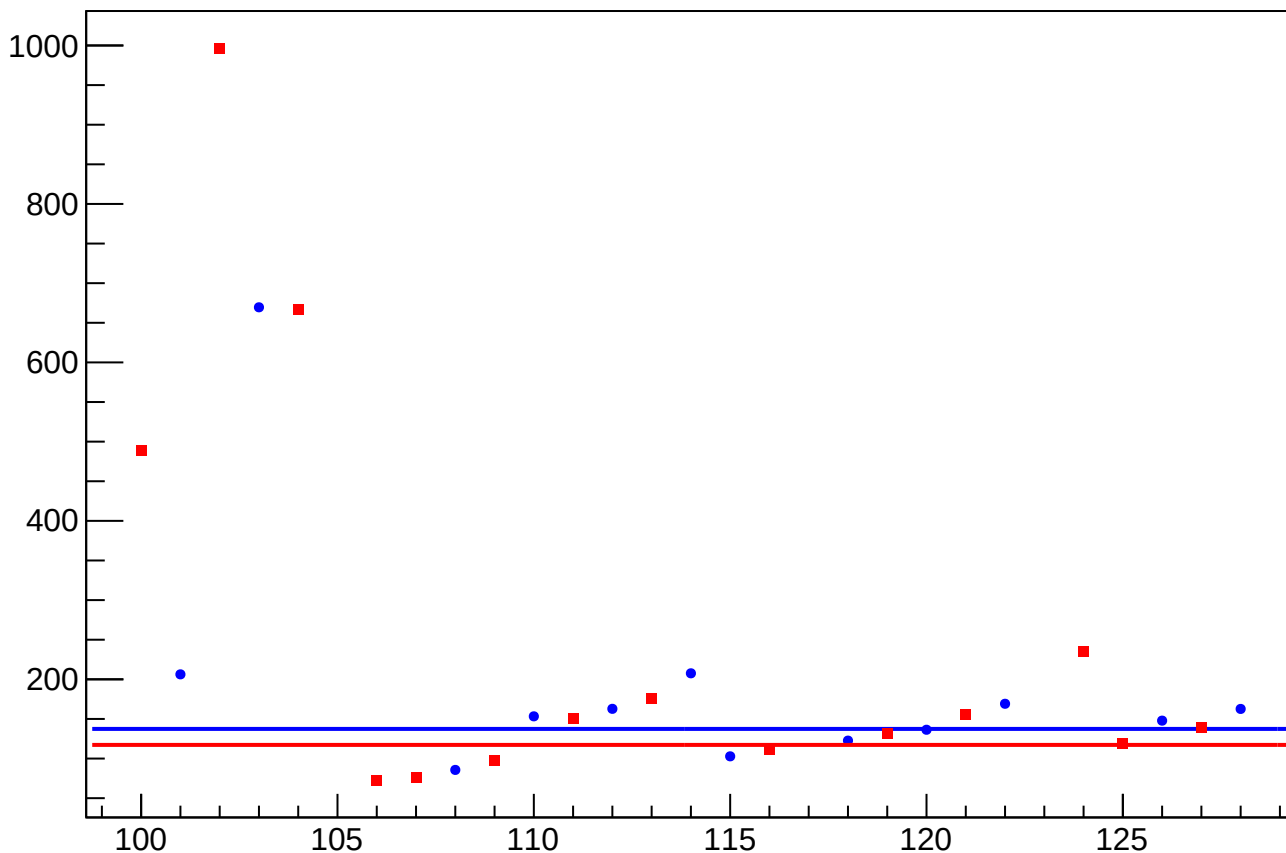
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.064 $\pm$ 0.044 χ^2 /NDF: 25.1/25

- 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: 137.420 $\pm$ 0.048 χ^2 /NDF: 1318449.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

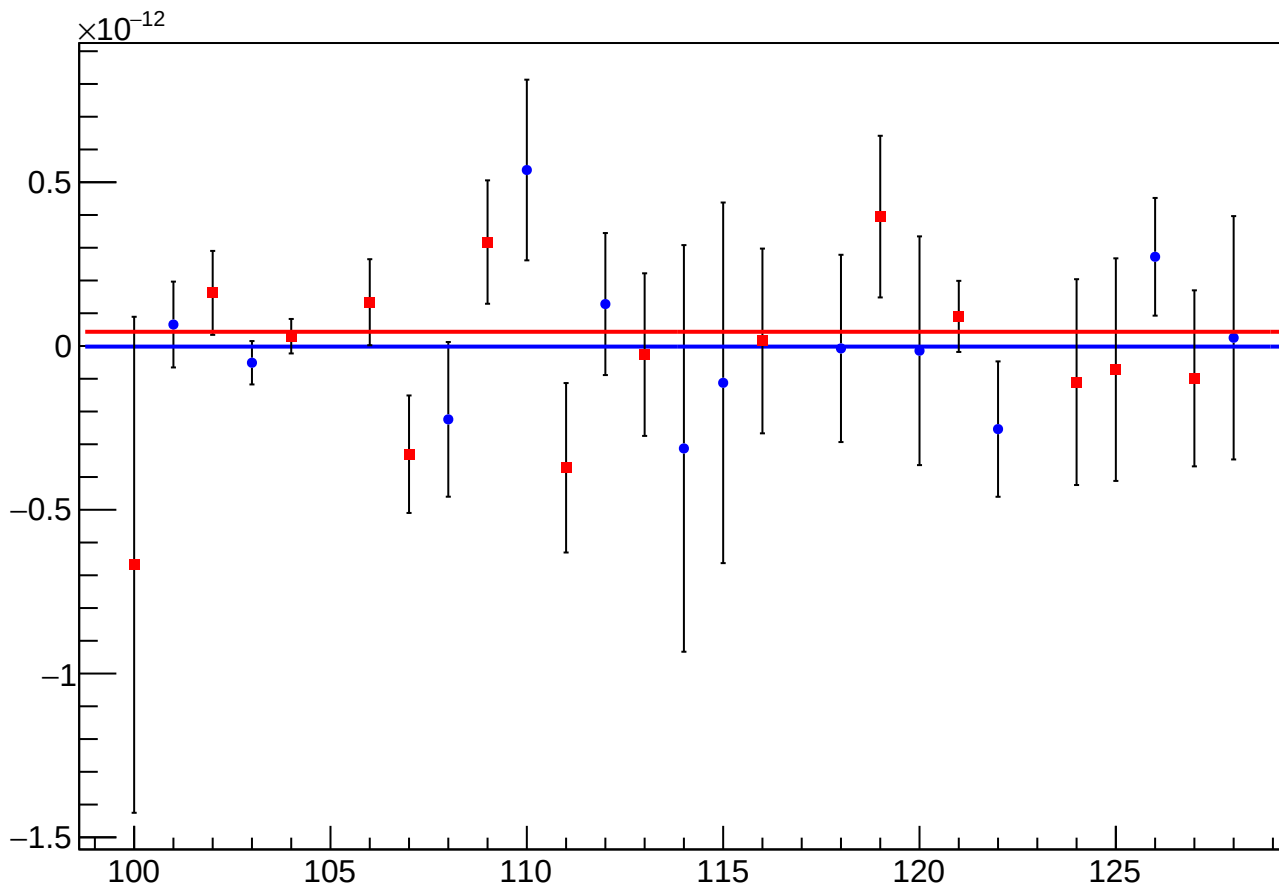
Right Out: 117.231 $\pm$ 0.042 χ^2 /NDF: 2056906.4/13

All: 125.996 $\pm$ 0.031 χ^2 /NDF: 3476847.9/25

- sign 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_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 10.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 14.3/13

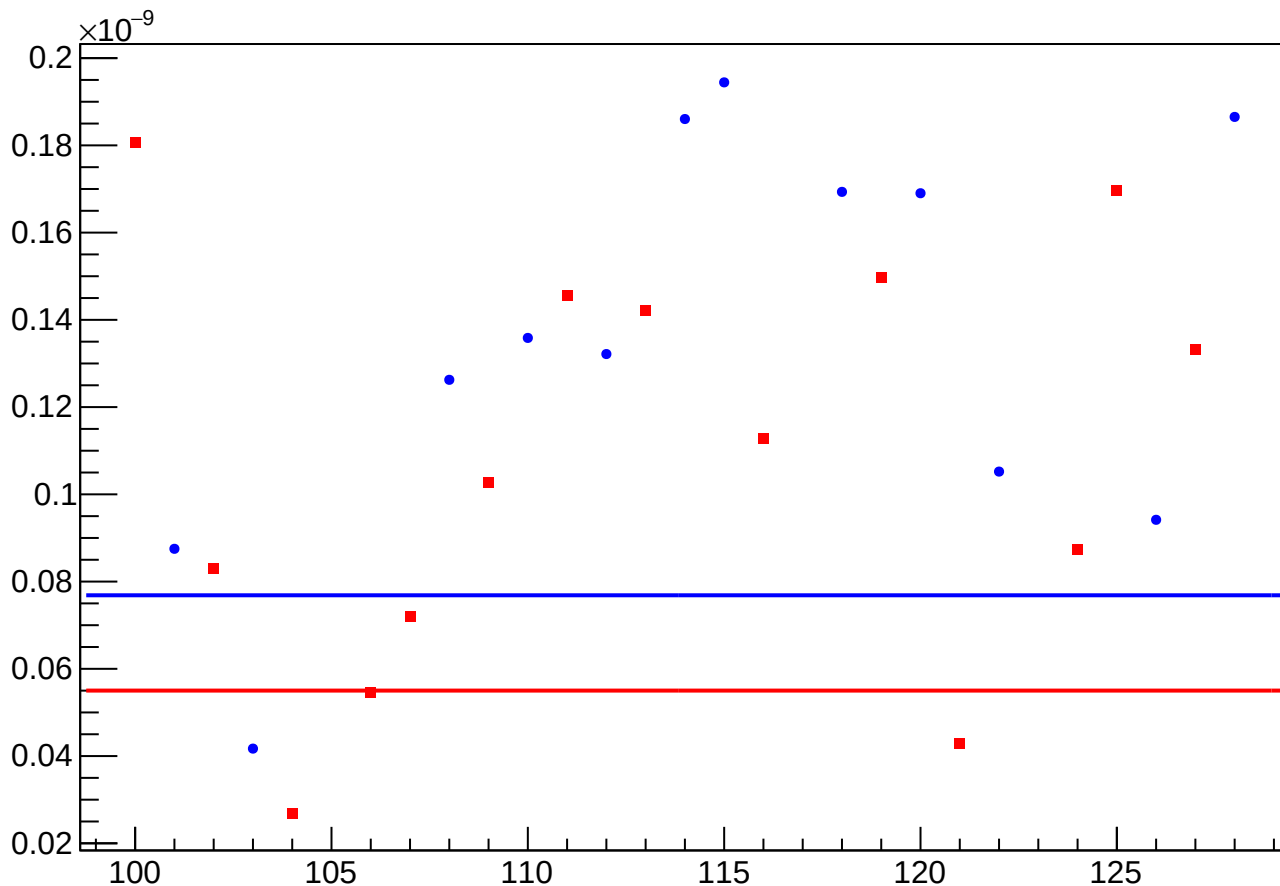
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 24.8/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1617955.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2184117.1/13

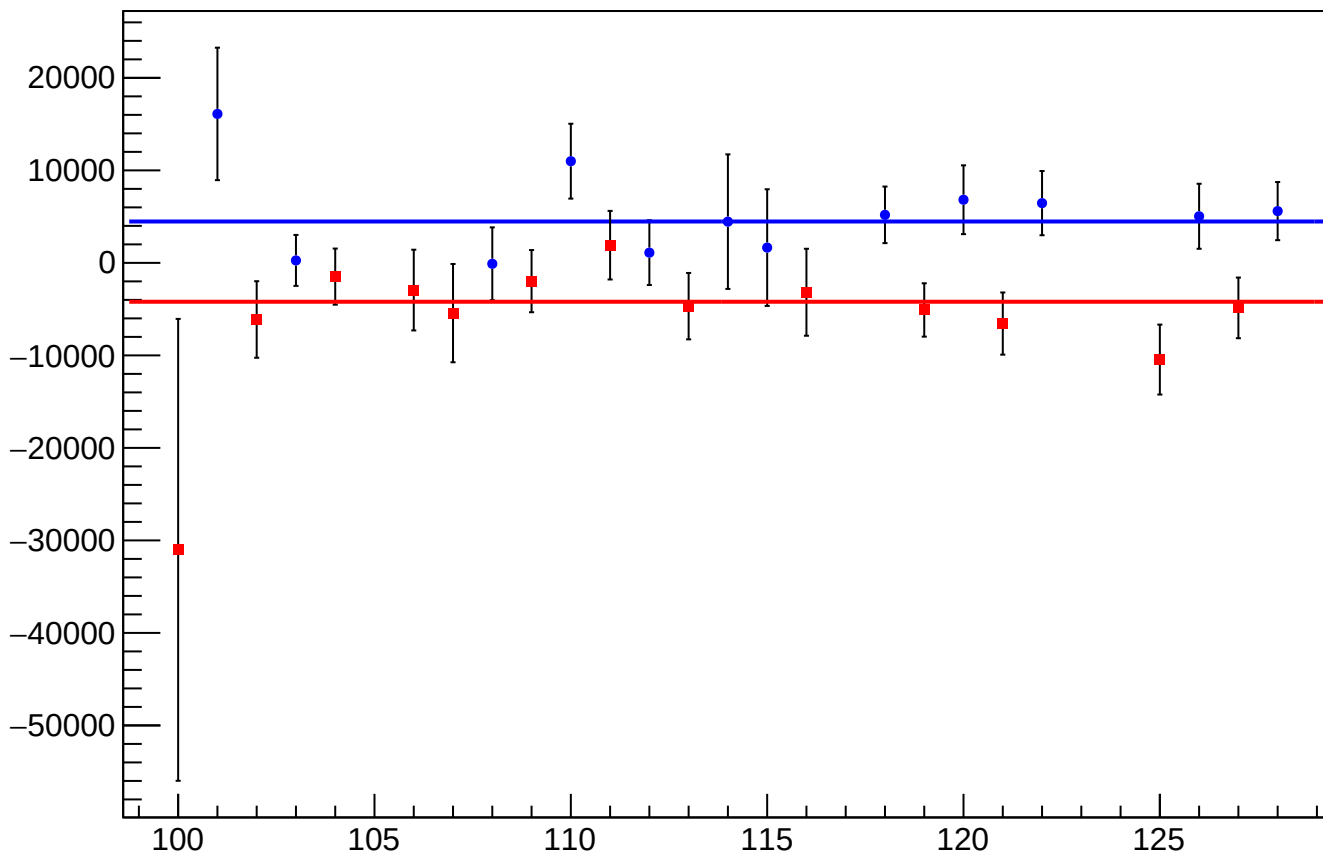
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4057546.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 4474.014+/-1086.522 χ^2/NDF : 11.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4201.516+/-1046.761 χ^2/NDF : 8.9/12

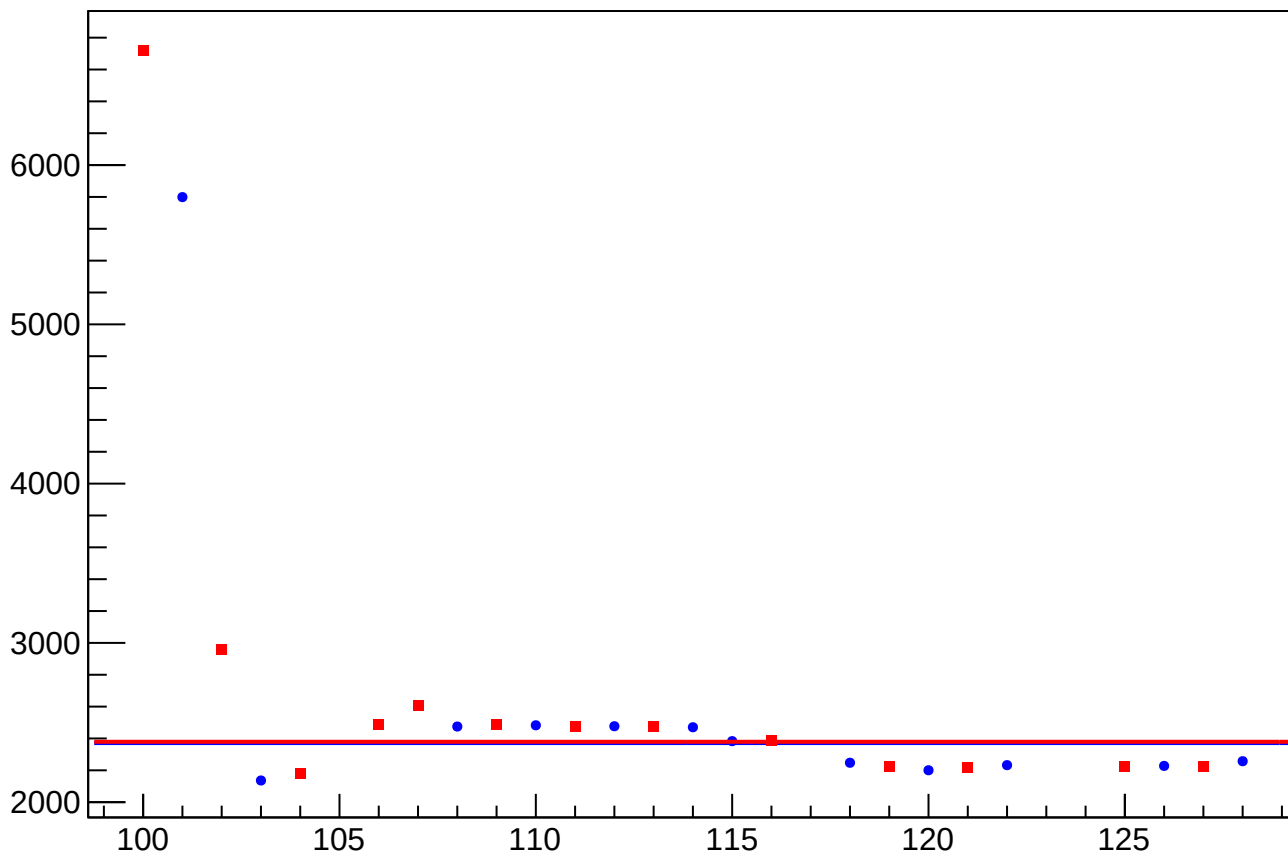
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.391+/-753.836 χ^2/NDF : 52.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2371.080+/-0.768 χ^2/NDF : 494563.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2379.178+/-0.740 χ^2/NDF : 136477.2/12

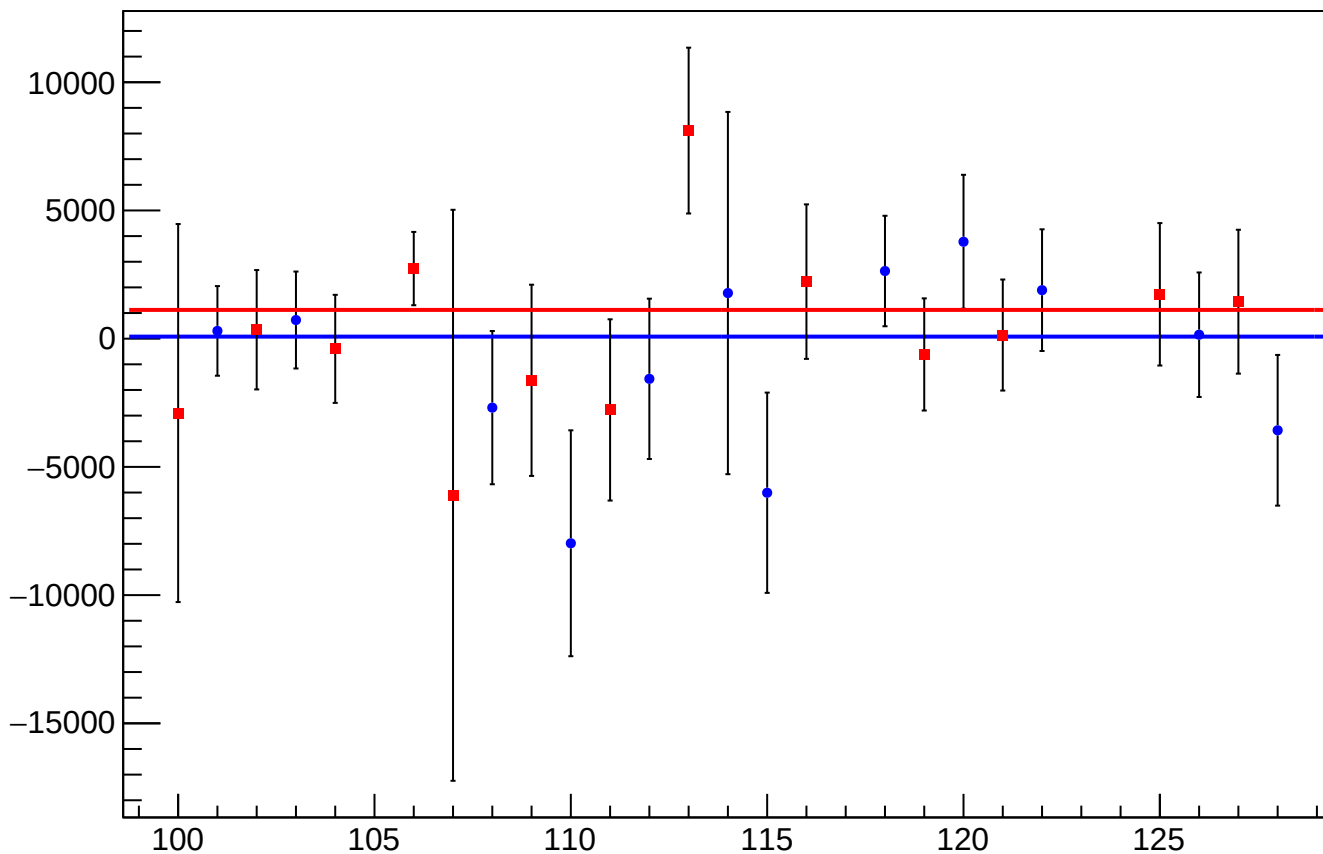
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2375.280+/-0.533 χ^2/NDF : 631098.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_reg_correction_mean vs Slug



Right In: 80.309+/-748.679 χ^2/NDF : 12.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1121.779+/-713.812 χ^2/NDF : 10.1/12

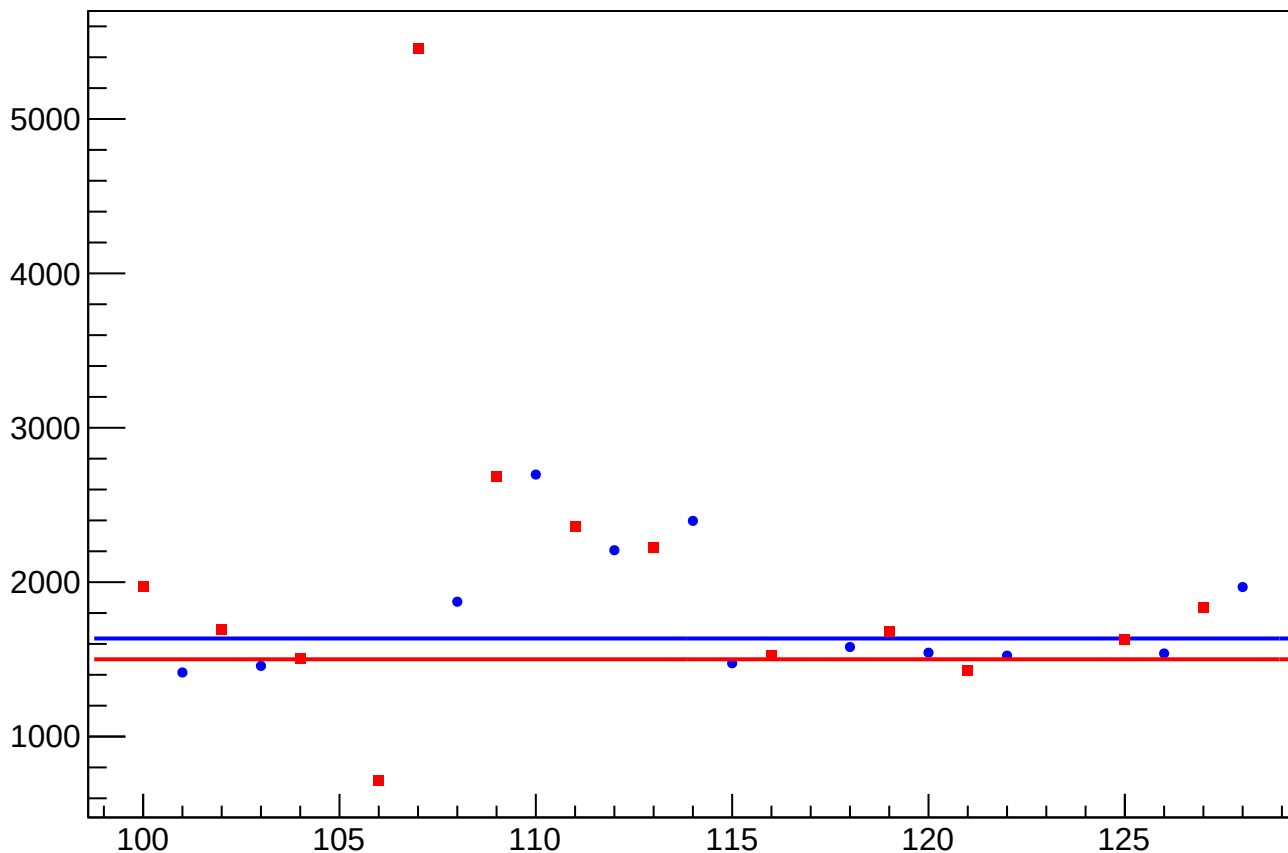
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 625.859+/-516.628 χ^2/NDF : 23.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_reg_correction_rms vs Slug



Right In: 1635.170+/-0.529 χ^2/NDF : 308955.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

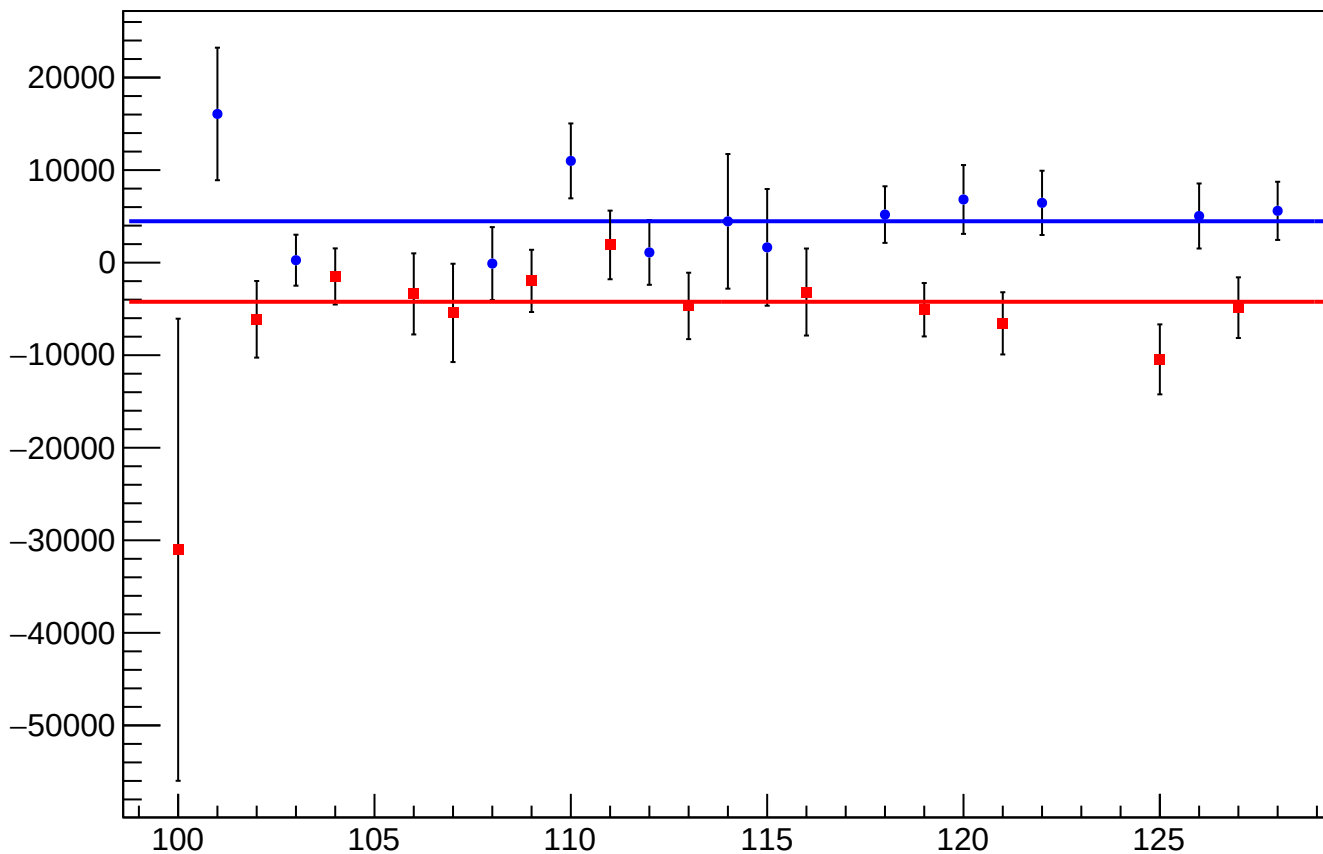
Right Out: 1500.601+/-0.505 χ^2/NDF : 1349641.5/12

All: 1564.679+/-0.365 χ^2/NDF : 1692443.7/24

- 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: 4473.146+/-1086.522 χ^2/NDF : 11.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4227.906+/-1047.022 χ^2/NDF : 8.8/12

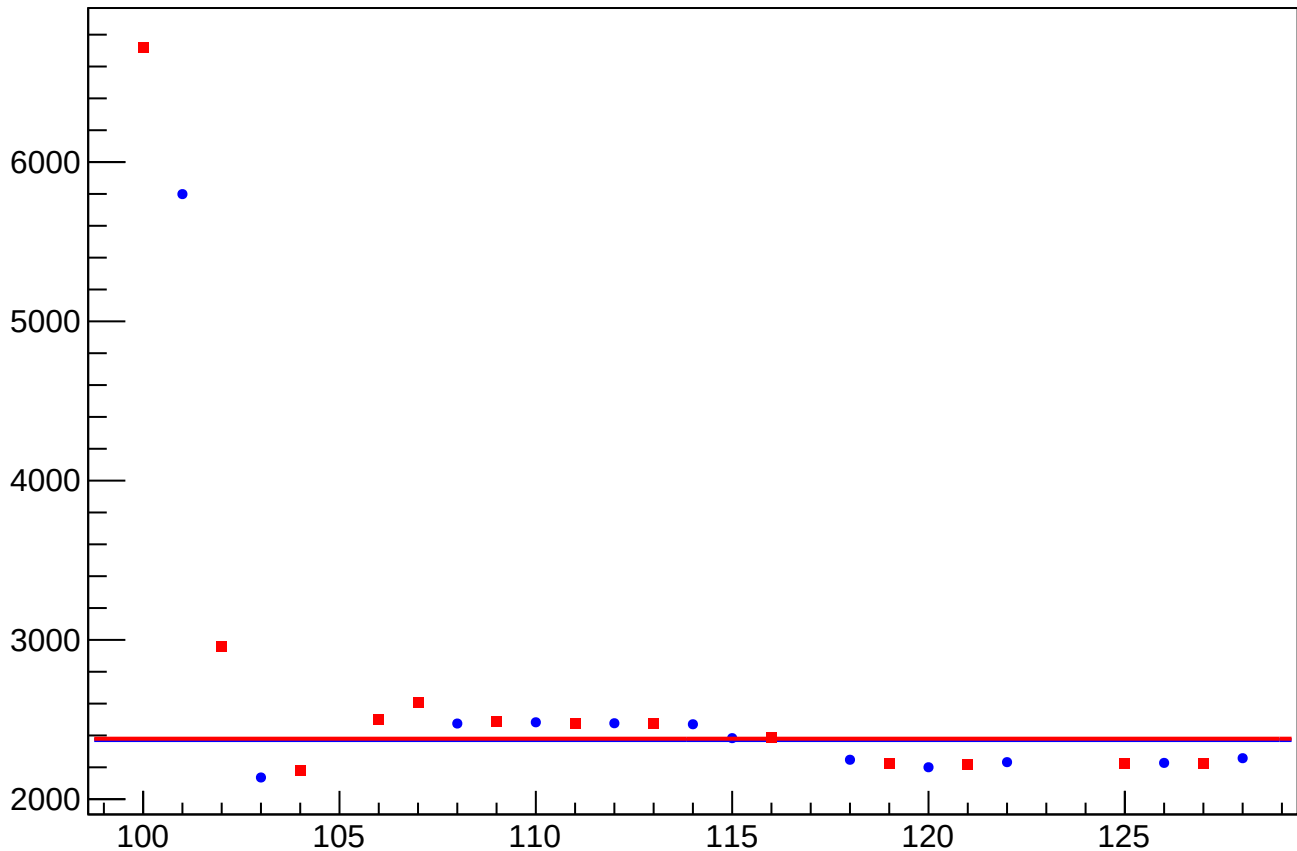
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.414+/-753.934 χ^2/NDF : 53.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2371.079+/-0.768 χ^2/NDF : 494563.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

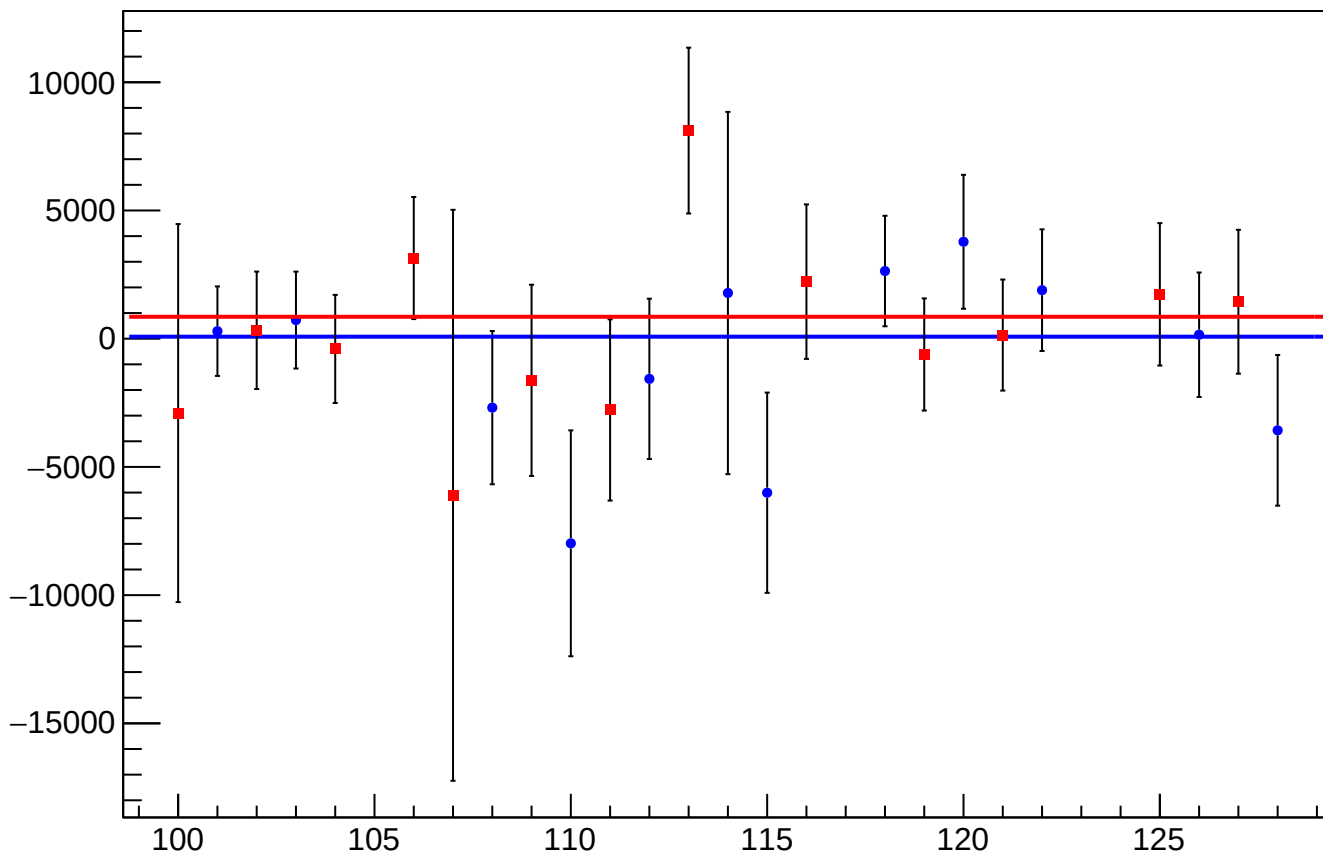
Right Out: 2379.736+/-0.740 χ^2/NDF : 136725.5/12

All: 2375.568+/-0.533 χ^2/NDF : 631355.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_cor_correction_mean vs Slug



Right In: 78.761+/-748.490 χ^2/NDF : 12.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 855.526+/-777.124 χ^2/NDF : 9.4/12

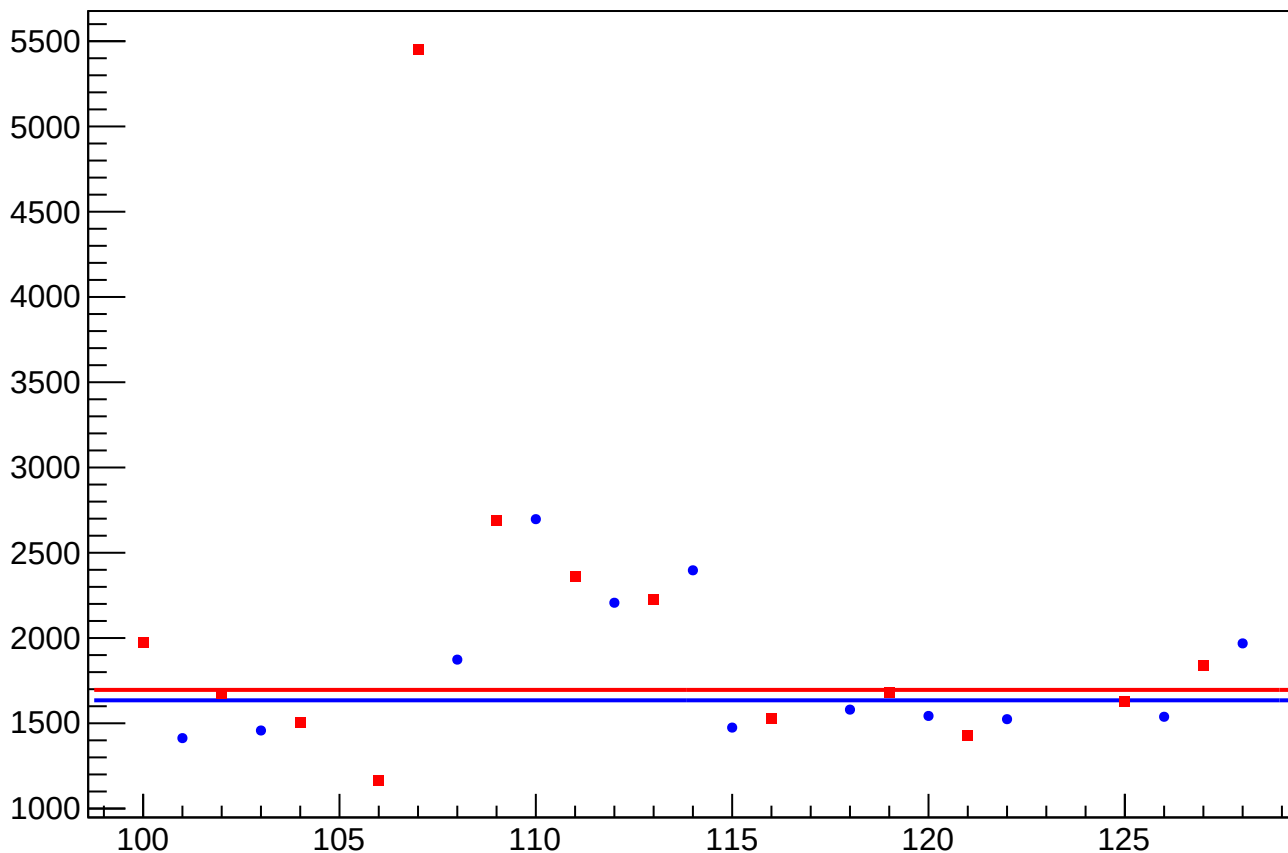
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 452.570+/-539.101 χ^2/NDF : 22.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_cor_correction_rms vs Slug



Right In: 1634.714+/-0.529 χ^2/NDF : 309601.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

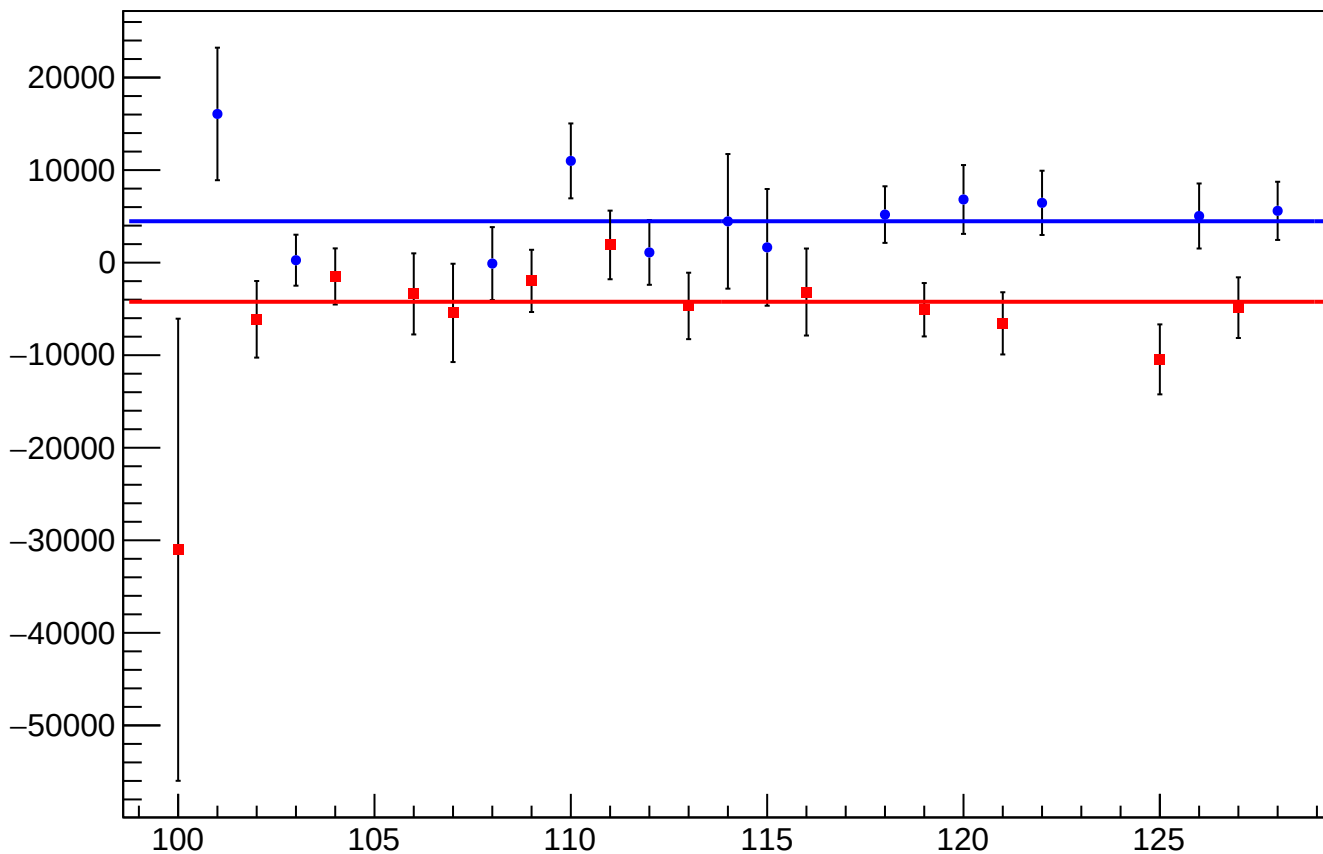
Right Out: 1695.823+/-0.550 χ^2/NDF : 656392.4/12

All: 1664.122+/-0.381 χ^2/NDF : 972409.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 4473.146+/-1086.522 χ^2/NDF : 11.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4227.906+/-1047.022 χ^2/NDF : 8.8/12

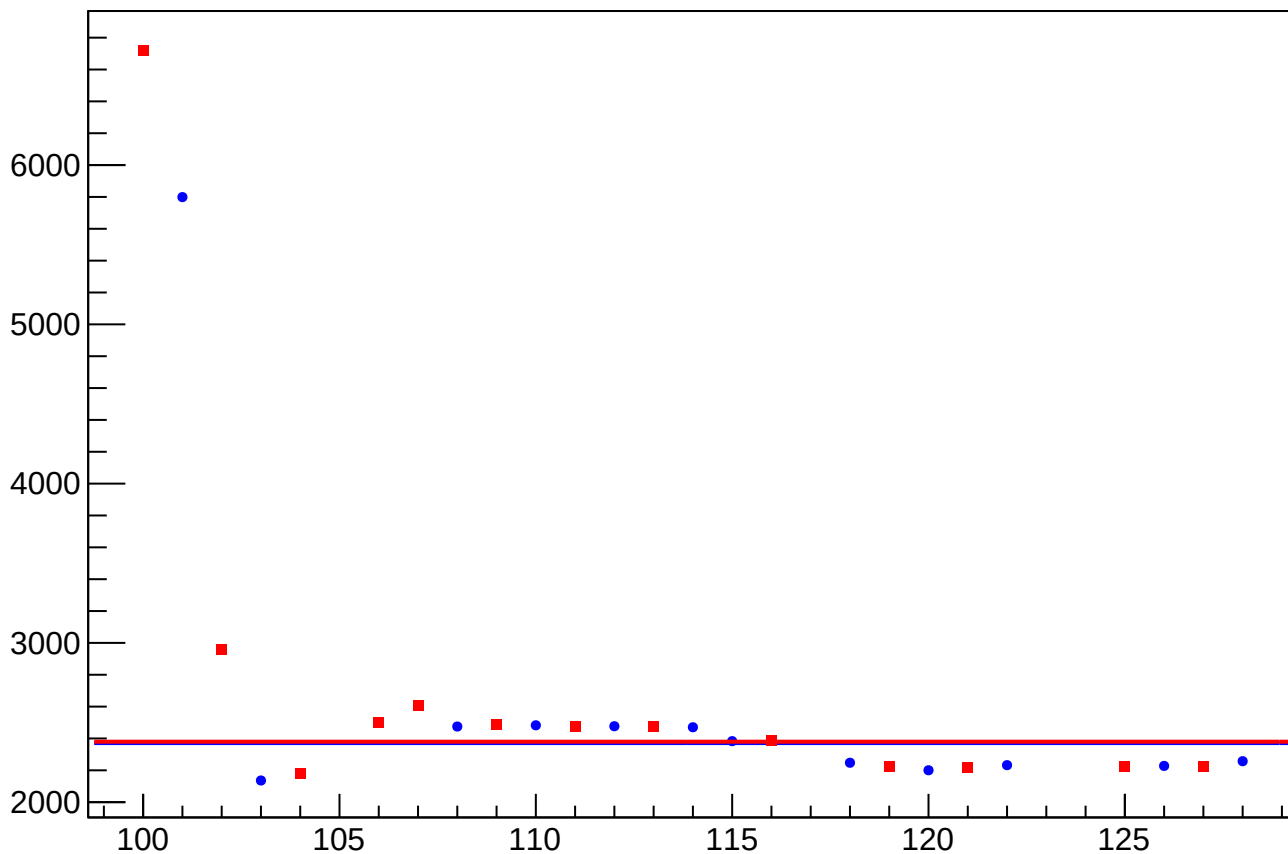
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.414+/-753.934 χ^2/NDF : 53.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2371.079+/-0.768 χ^2/NDF : 494563.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

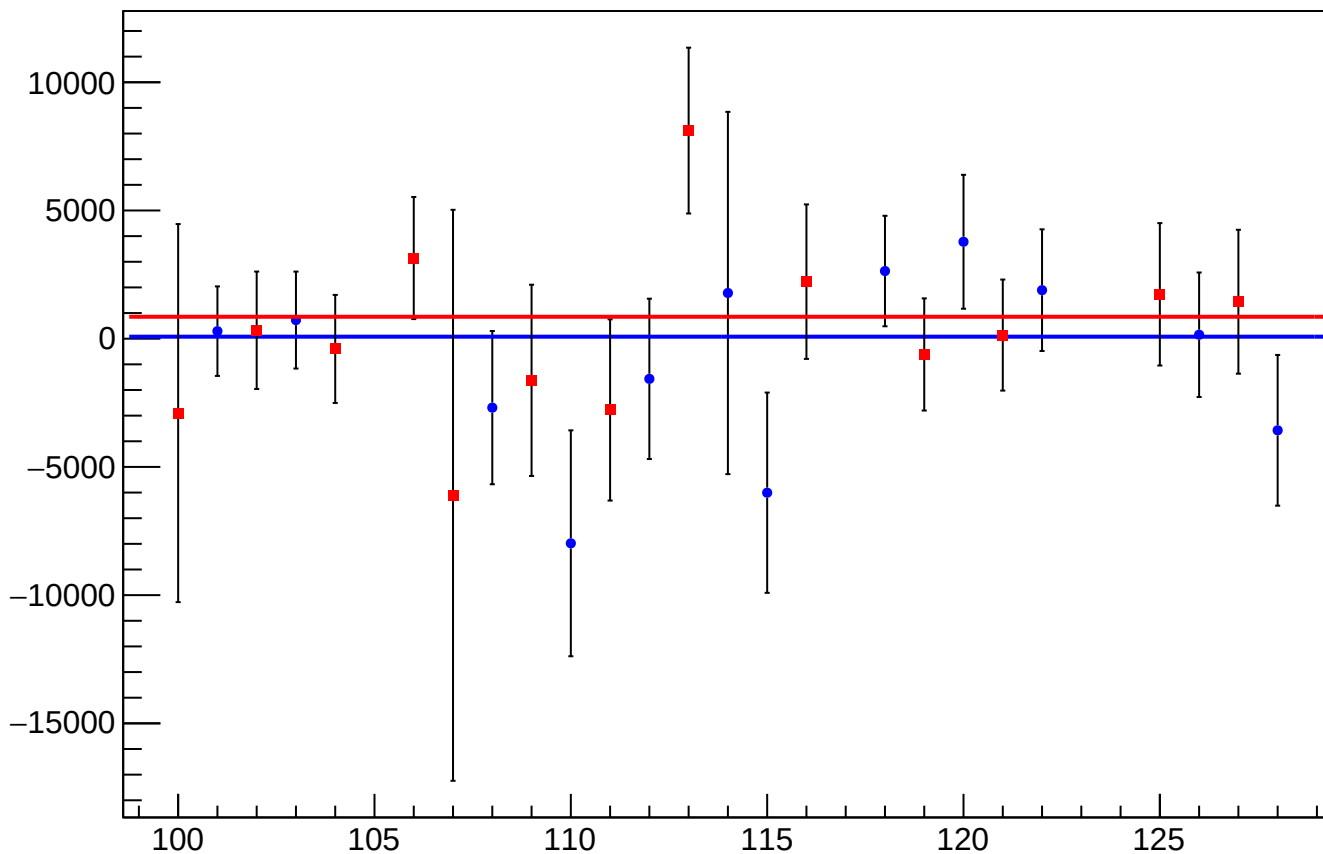
Right Out: 2379.736+/-0.740 χ^2/NDF : 136725.5/12

All: 2375.568+/-0.533 χ^2/NDF : 631355.3/24

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_avg_at1lr_avg_avg_eigen_cor_correction_mean vs Slug



Right In: 78.761+/-748.490 χ^2/NDF : 12.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 855.526+/-777.124 χ^2/NDF : 9.4/12

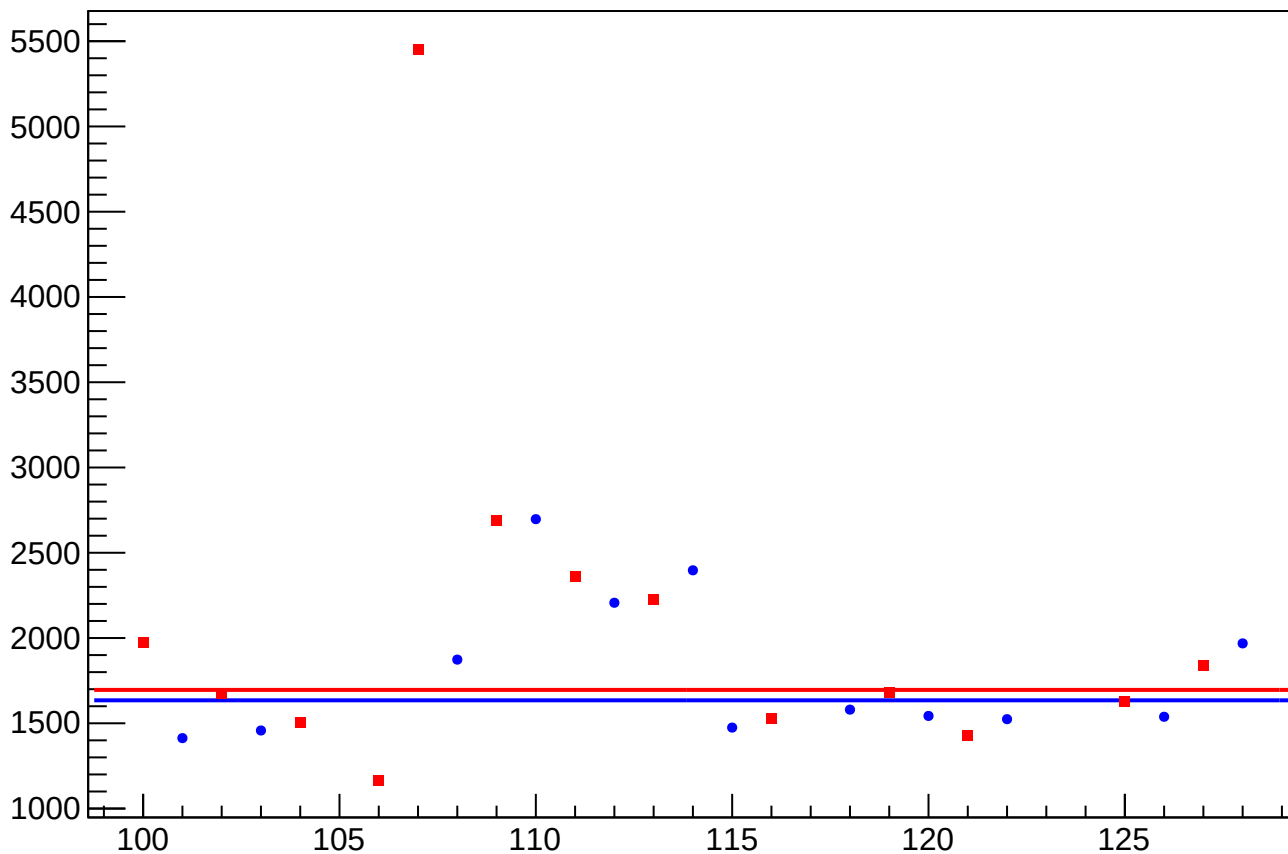
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 452.570+/-539.101 χ^2/NDF : 22.6/24

- 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: 1634.714+/-0.529 χ^2/NDF : 309601.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1695.823+/-0.550 χ^2/NDF : 656392.4/12

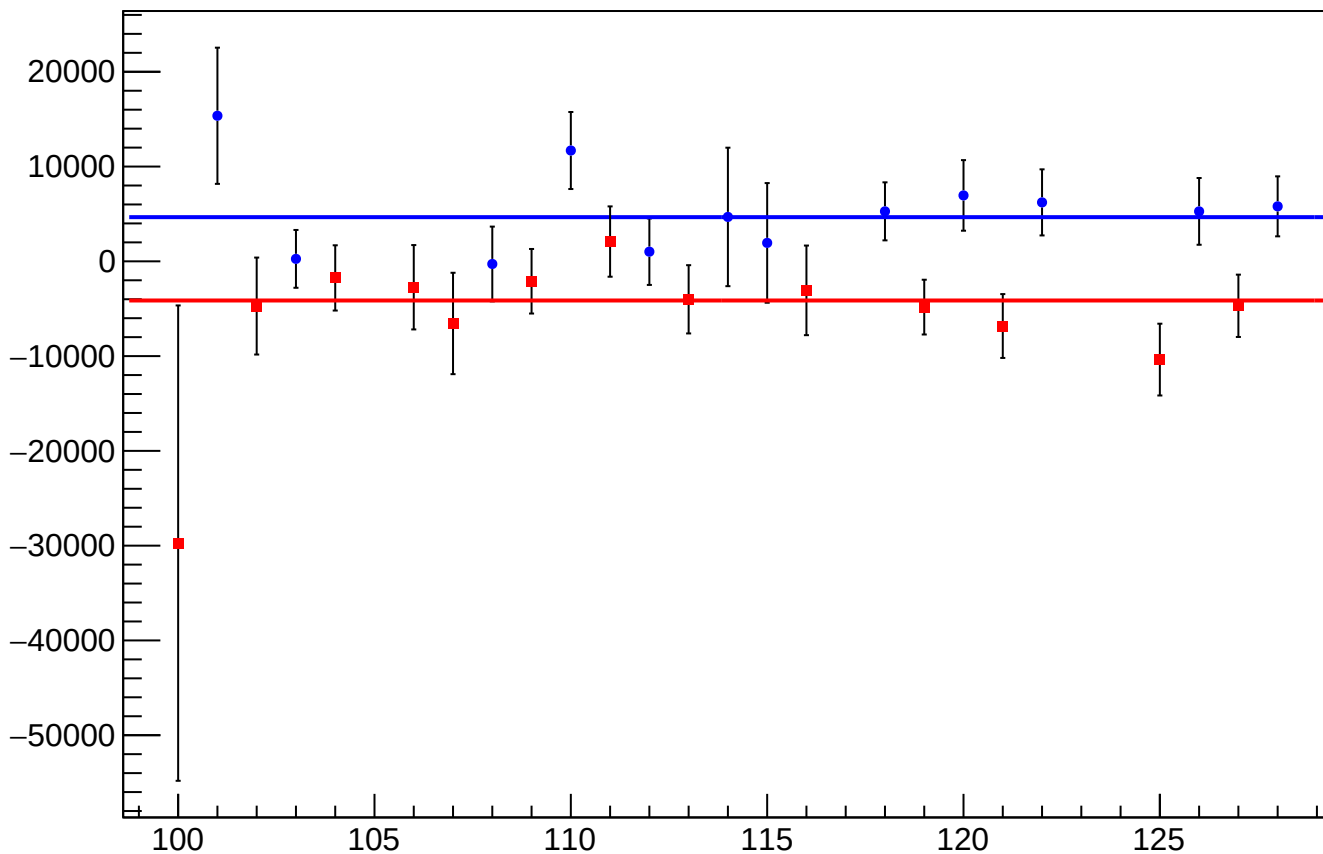
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1664.122+/-0.381 χ^2/NDF : 972409.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 4661.468 $\pm$ 1105.434 χ^2 /NDF: 10.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4131.919 $\pm$ 1078.077 χ^2 /NDF: 8.5/12

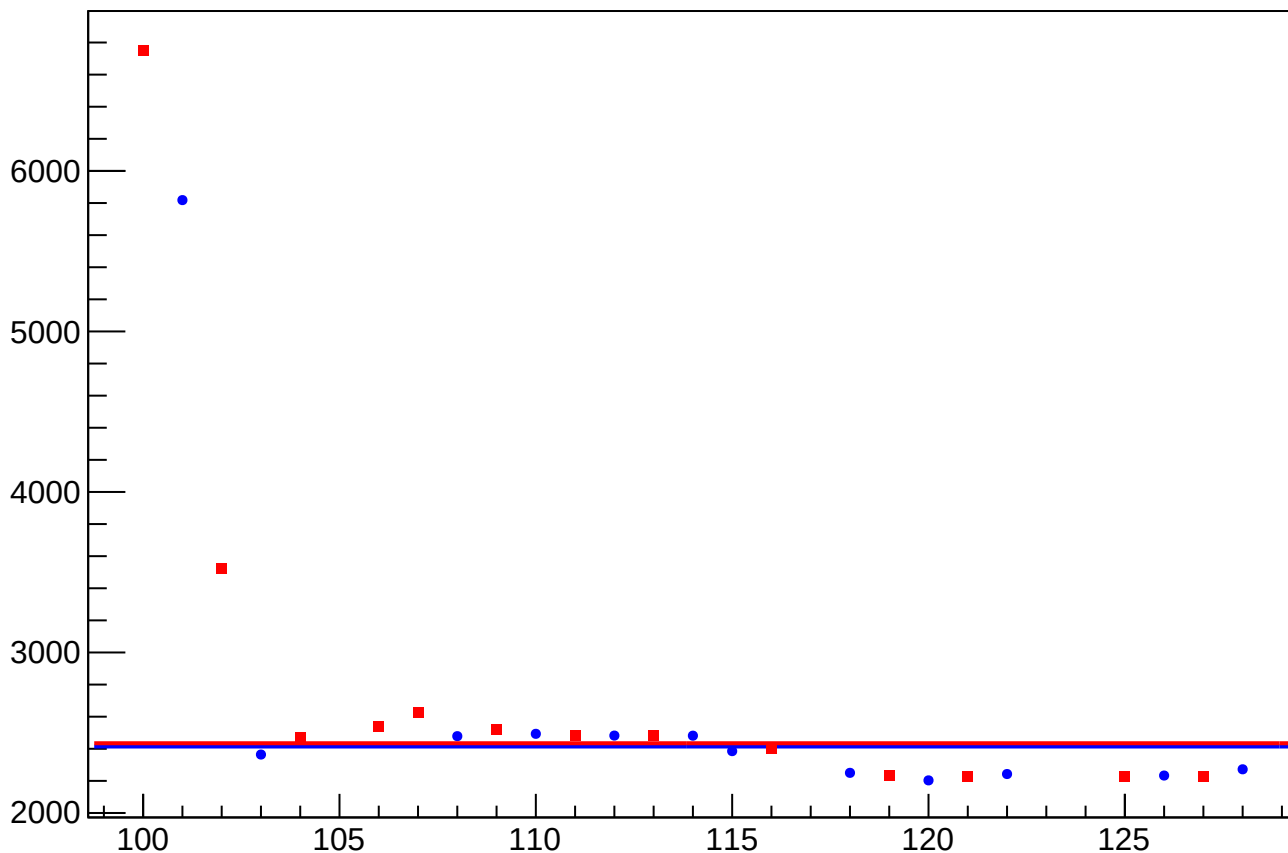
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 154.622 $\pm$ 771.806 χ^2 /NDF: 51.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2414.162+/-0.782 χ^2/NDF : 477979.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2434.537+/-0.762 χ^2/NDF : 187038.5/12

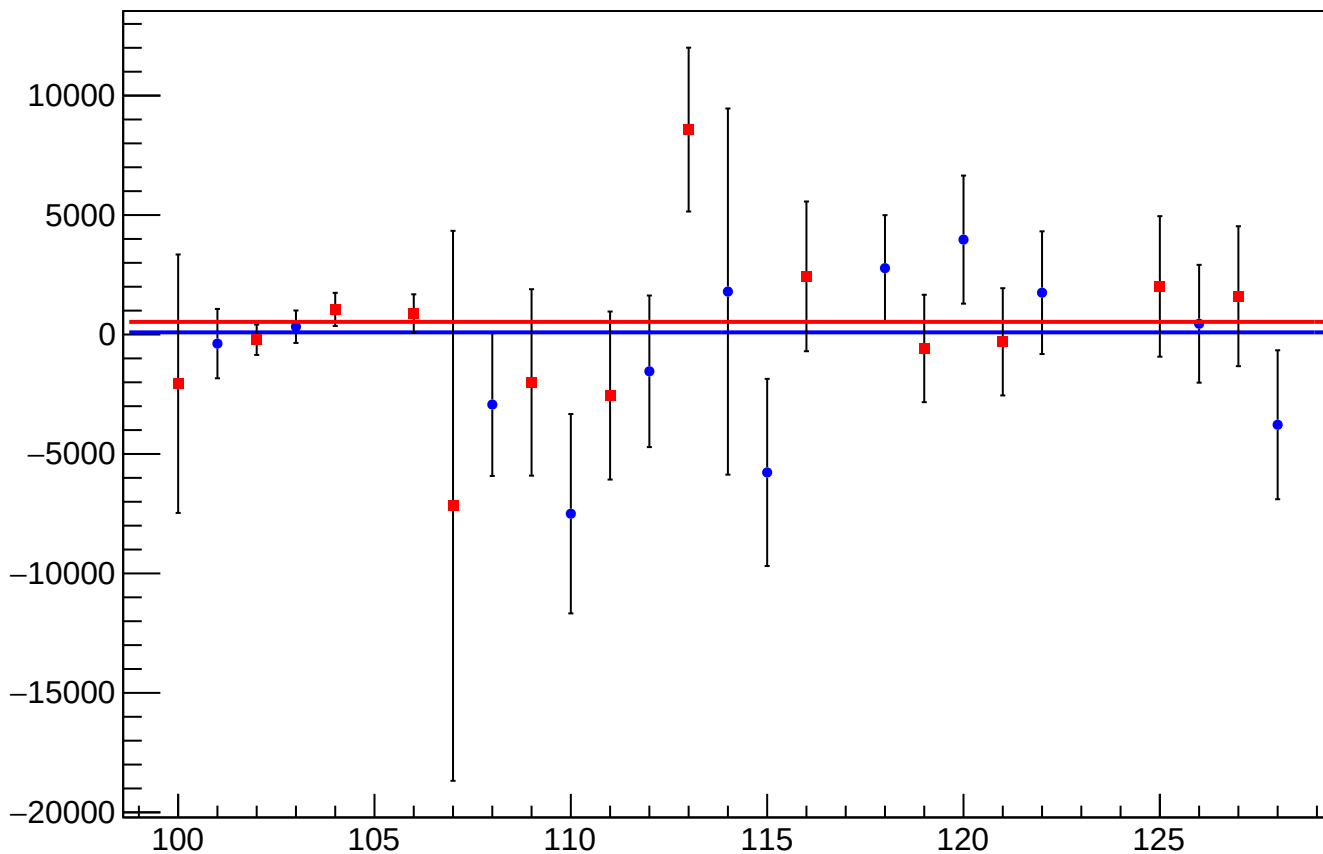
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2424.605+/-0.546 χ^2/NDF : 665366.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_dit_correction_mean vs Slug



Right In: 89.850+/-516.187 χ^2/NDF : 12.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 529.201+/-375.408 χ^2/NDF : 10.7/12

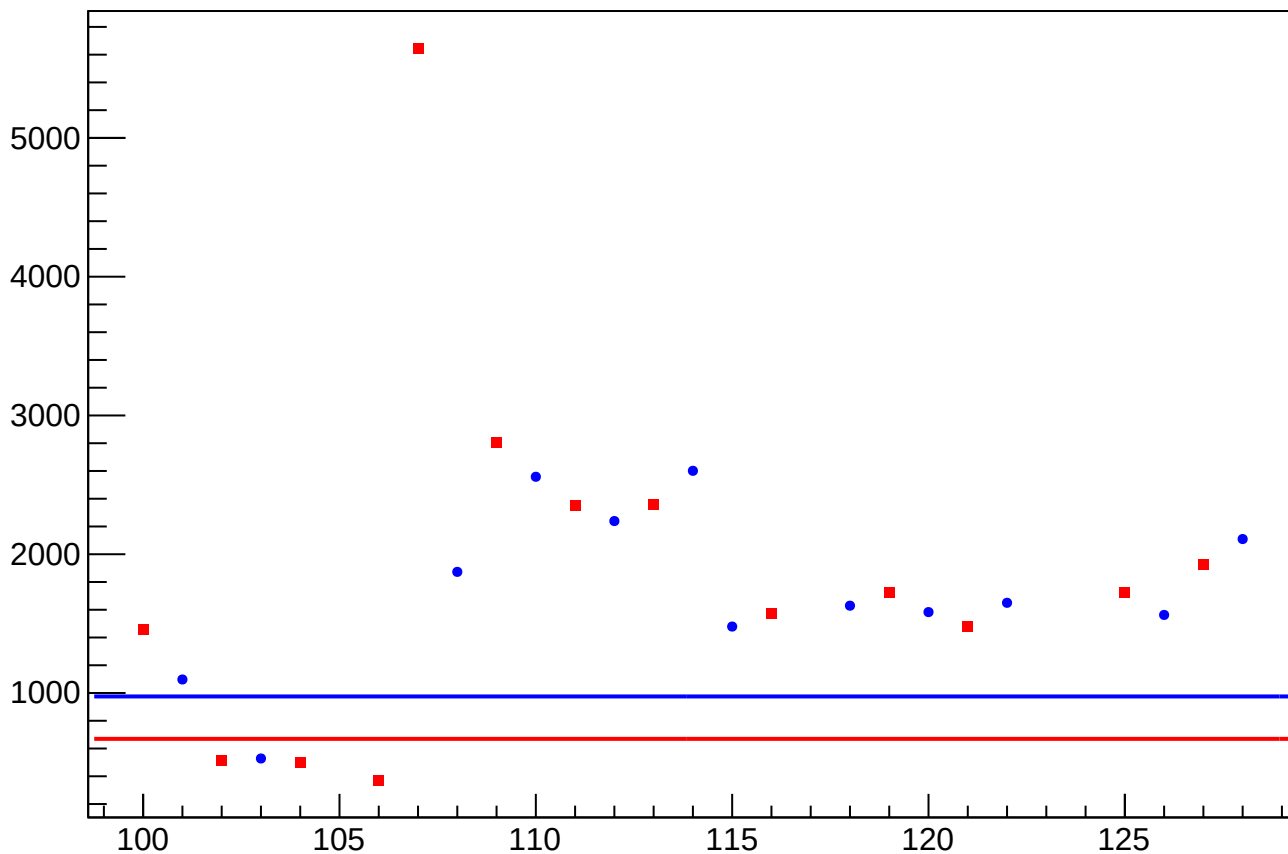
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 377.209+/-303.606 χ^2/NDF : 23.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_dit_correction_rms vs Slug



Right In: 975.248+/-0.365 χ^2/NDF : 2582368.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

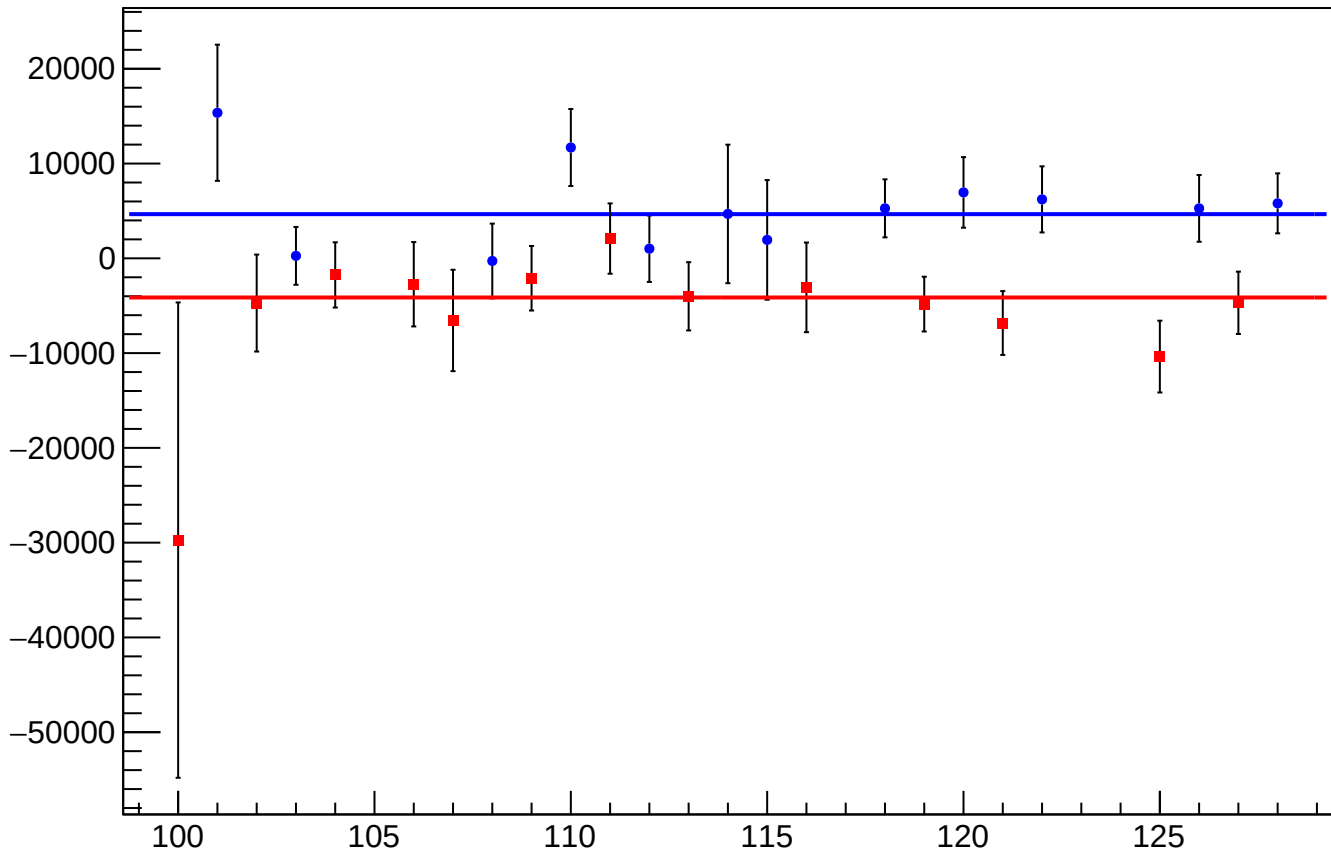
Right Out: 669.696+/-0.265 χ^2/NDF : 3972432.0/12

All: 775.400+/-0.215 χ^2/NDF : 7013151.8/24

- 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: 4661.467+/-1105.433 χ^2/NDF : 10.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4131.916+/-1078.077 χ^2/NDF : 8.5/12

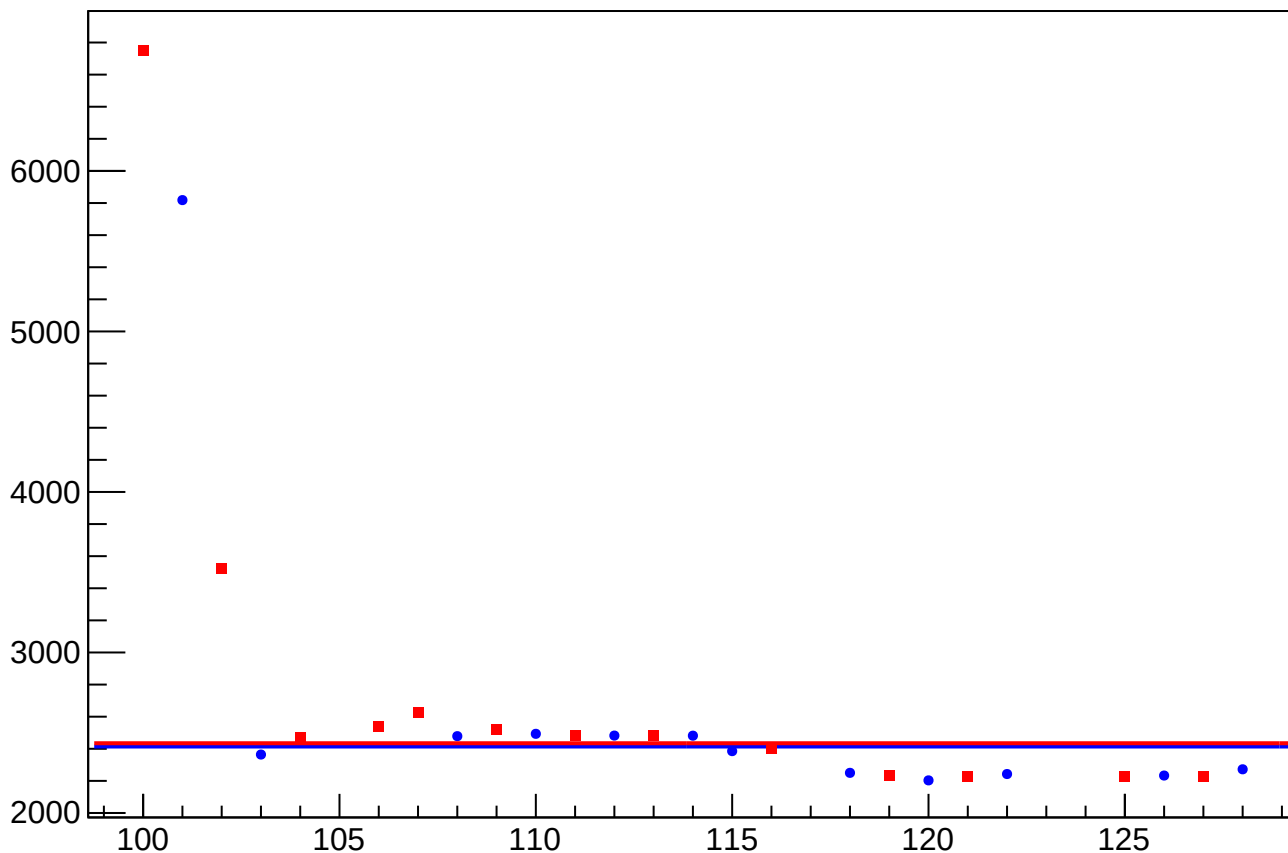
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.623+/-771.806 χ^2/NDF : 51.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2414.161+/-0.782 χ^2/NDF : 477979.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2434.537+/-0.762 χ^2/NDF : 187037.6/12

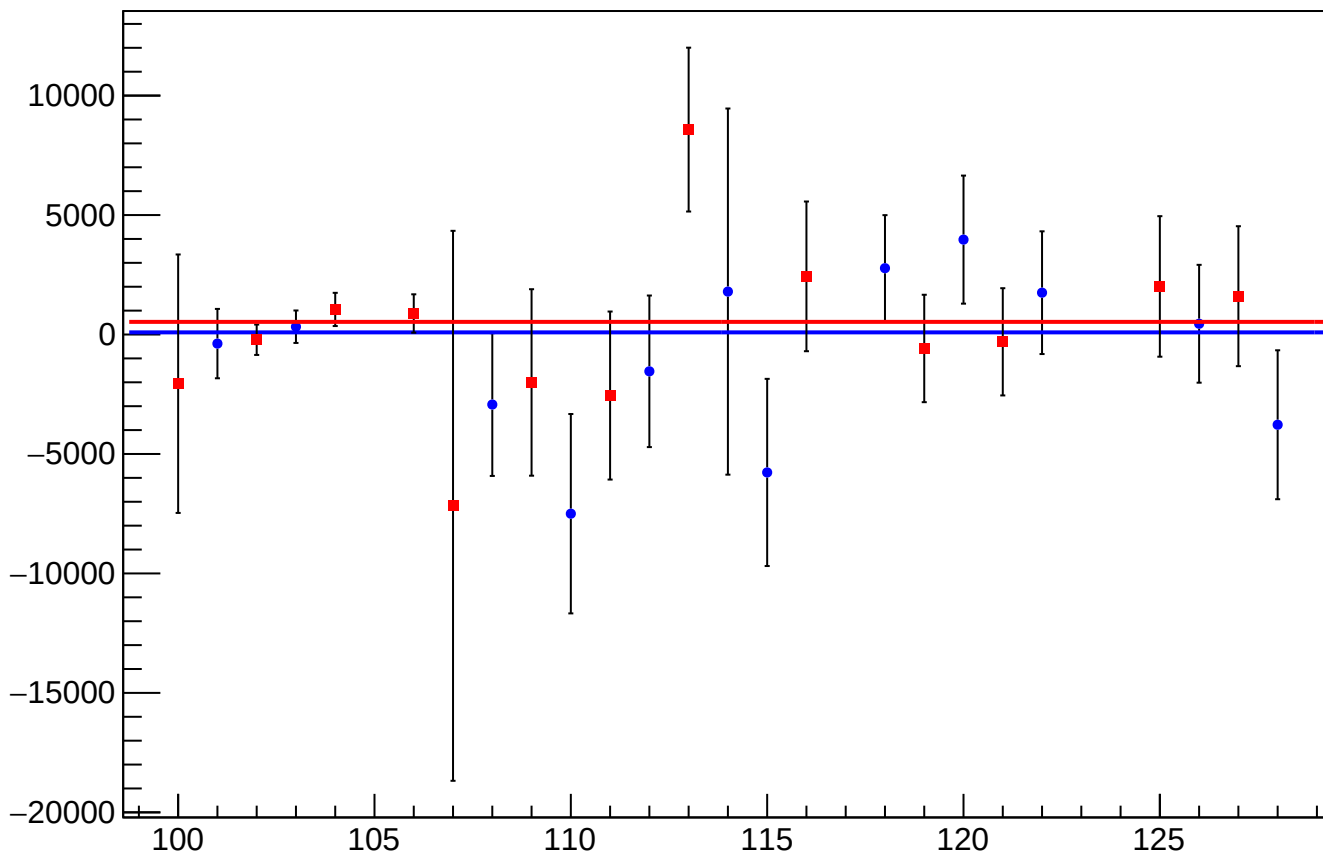
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2424.604+/-0.546 χ^2/NDF : 665365.8/24

- 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: 89.844+/-516.190 χ^2/NDF : 12.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 529.207+/-375.413 χ^2/NDF : 10.7/12

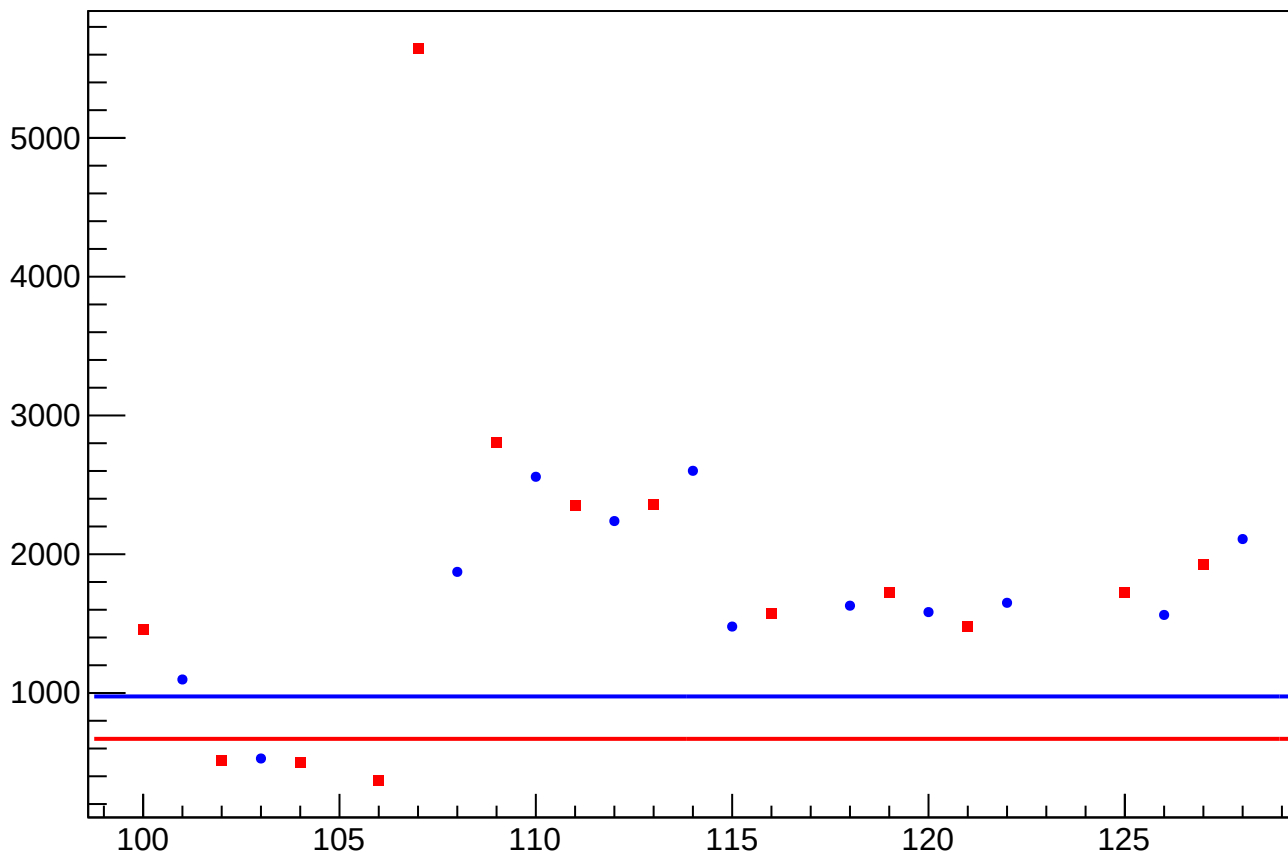
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 377.210+/-303.610 χ^2/NDF : 23.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_rms vs Slug



Right In: 975.258+/-0.365 χ^2/NDF : 2582314.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 669.710+/-0.265 χ^2/NDF : 3972354.3/12

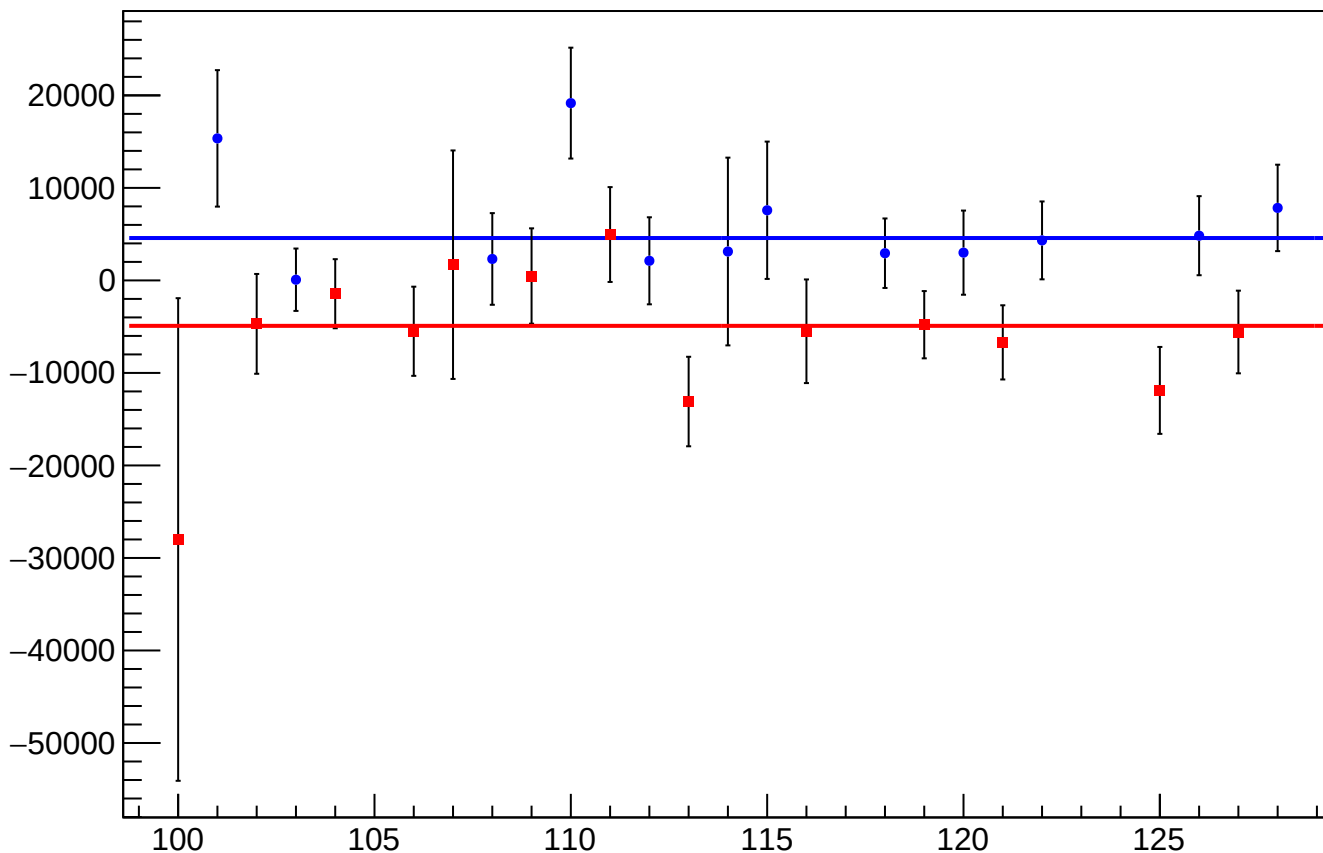
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 775.414+/-0.215 χ^2/NDF : 7013000.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 4581.341+/-1381.008 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4911.454+/-1359.816 χ^2/NDF : 12.1/12

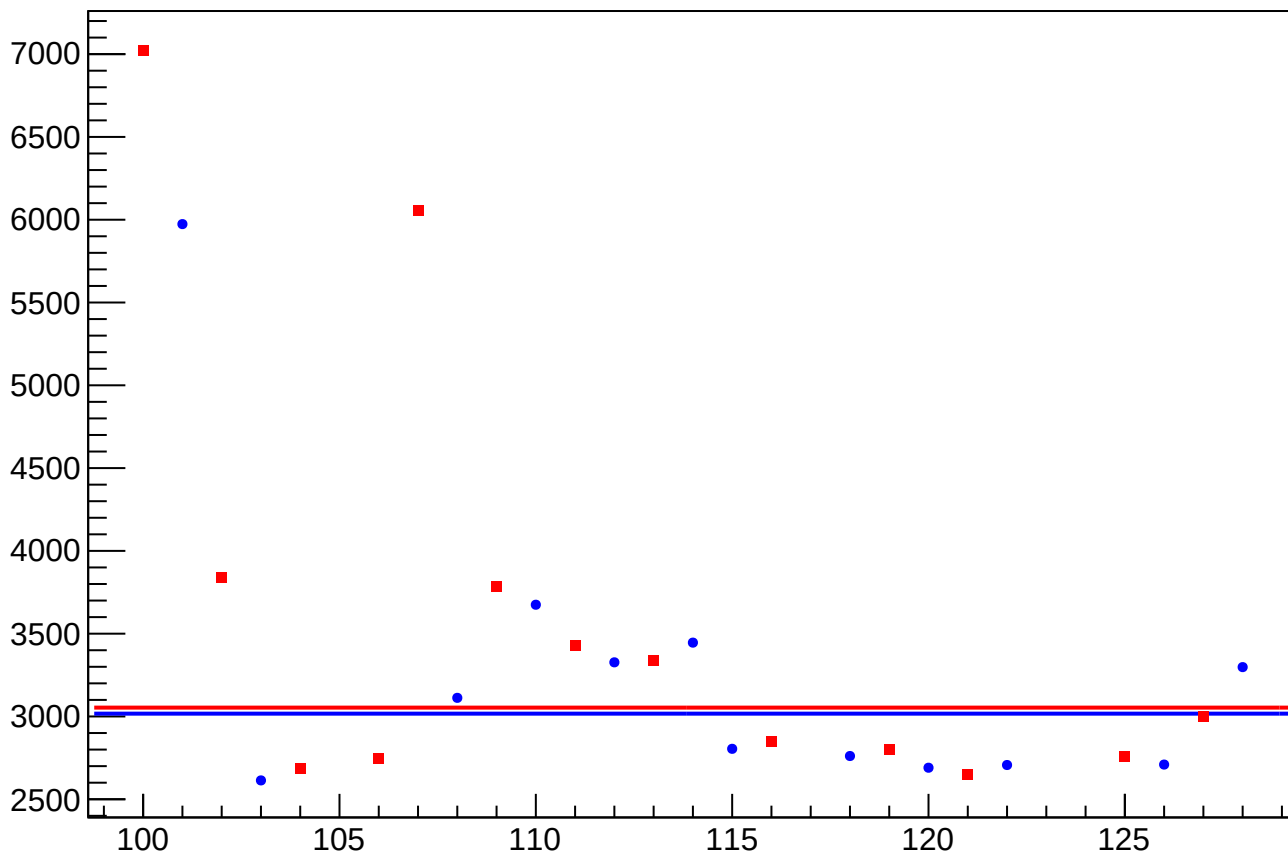
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -238.451+/-968.941 χ^2/NDF : 47.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 3017.006+/-0.977 χ^2/NDF : 436741.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3053.465+/-0.962 χ^2/NDF : 332468.0/12

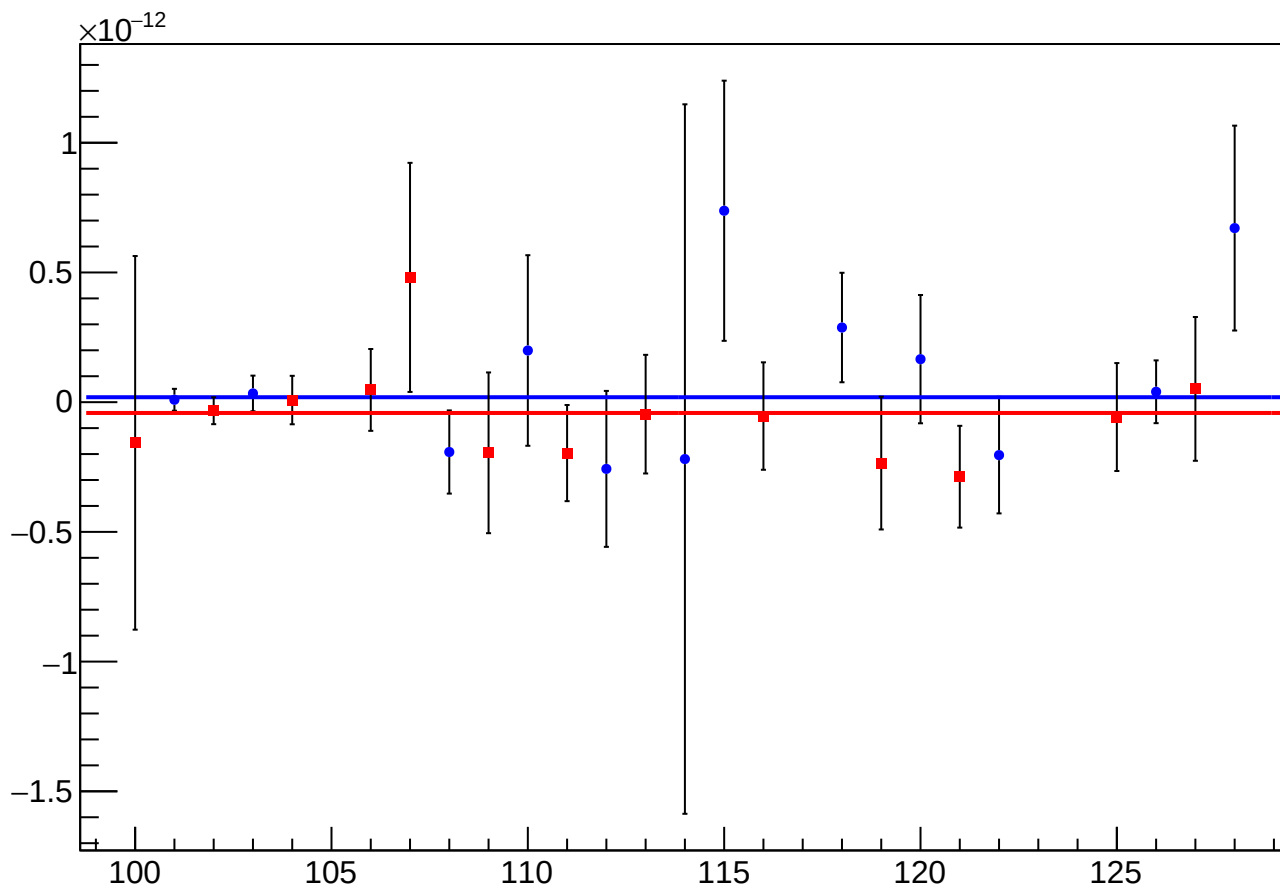
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3035.517+/-0.685 χ^2/NDF : 769917.1/24

- 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 : 10.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 5.3/12

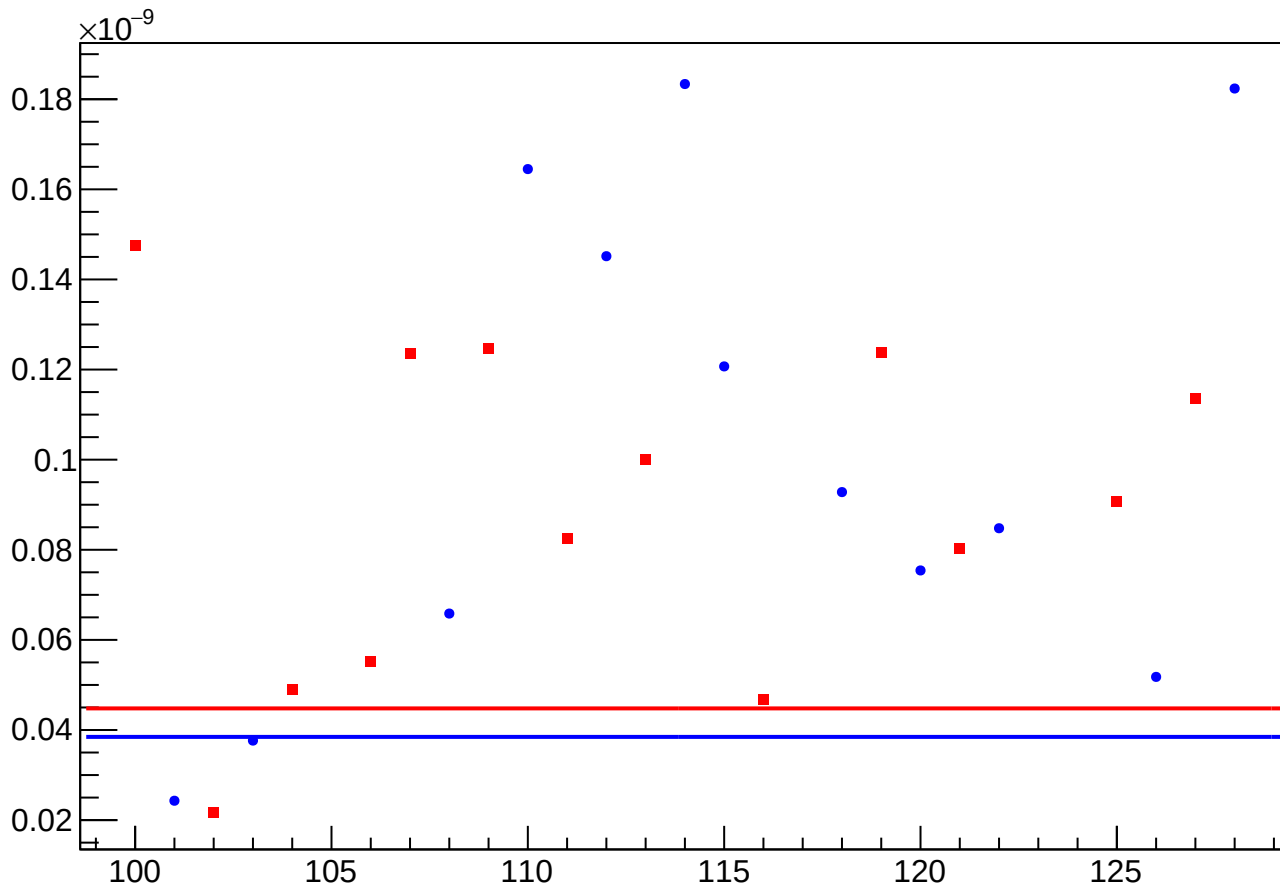
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 17.5/24

- 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 : 1400624.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1325046.0/12

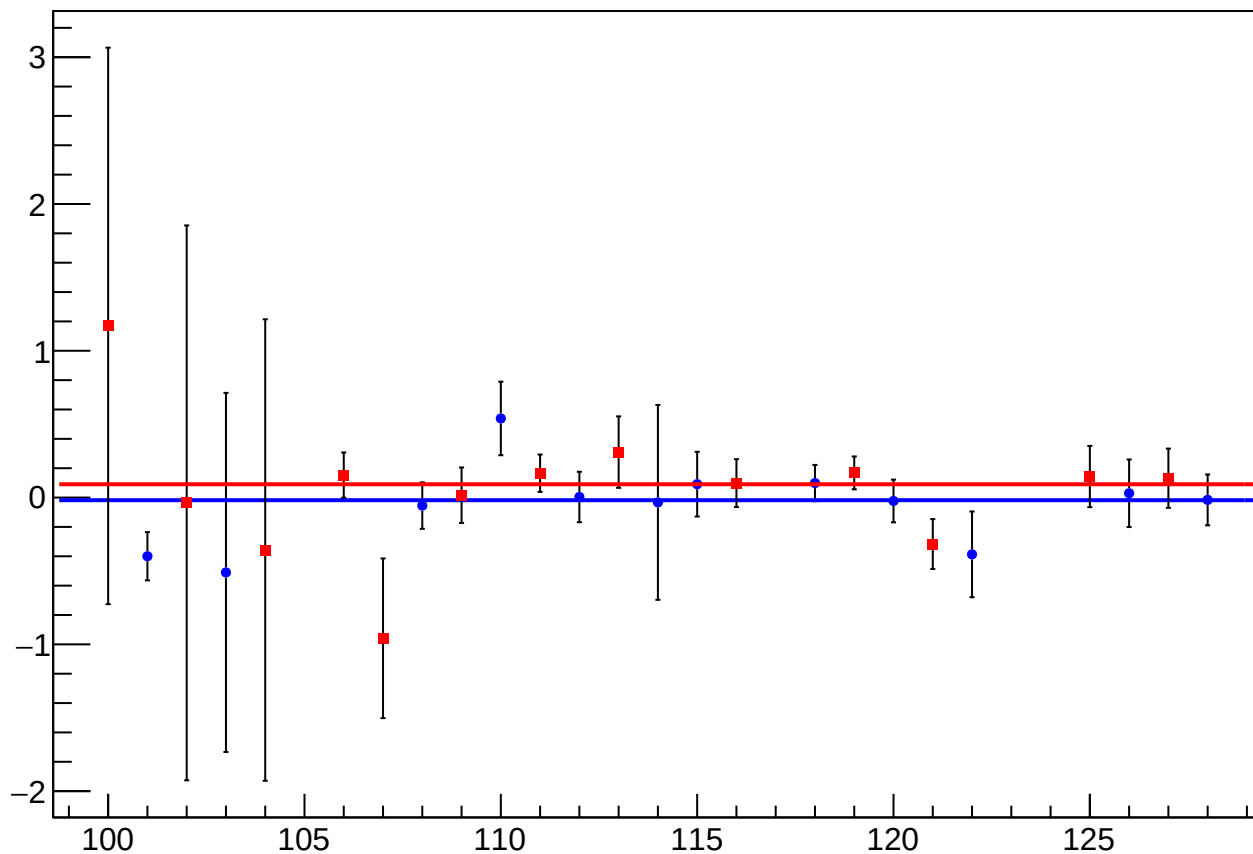
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2758005.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.018+/-0.055 χ^2/NDF : 13.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.091+/-0.053 χ^2/NDF : 11.9/12

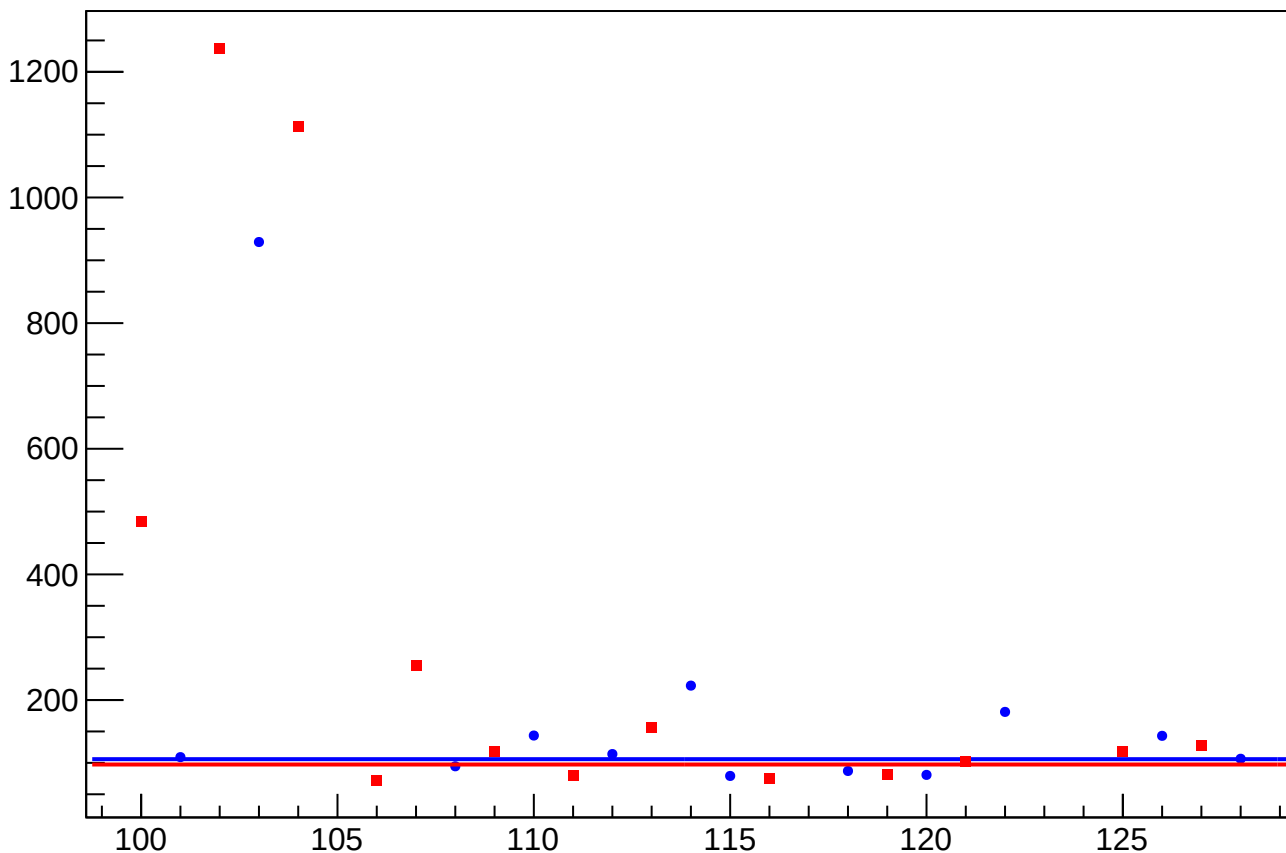
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.038+/-0.038 χ^2/NDF : 27.3/24

- 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: 105.891+/-0.039 χ^2/NDF : 1348690.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.380+/-0.038 χ^2/NDF : 2201085.6/12

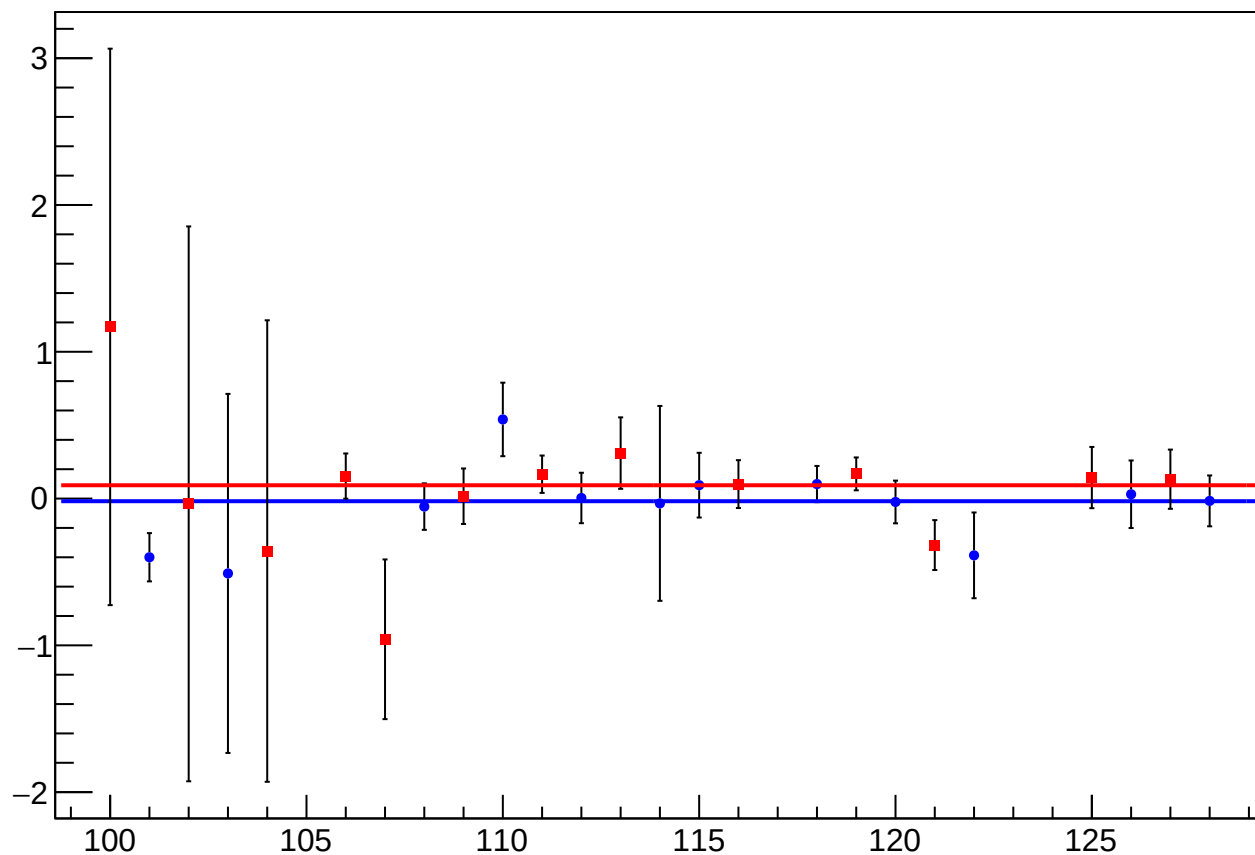
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.475+/-0.027 χ^2/NDF : 3574359.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.018 $\pm$ 0.055 χ^2 /NDF: 13.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.091 $\pm$ 0.053 χ^2 /NDF: 11.9/12

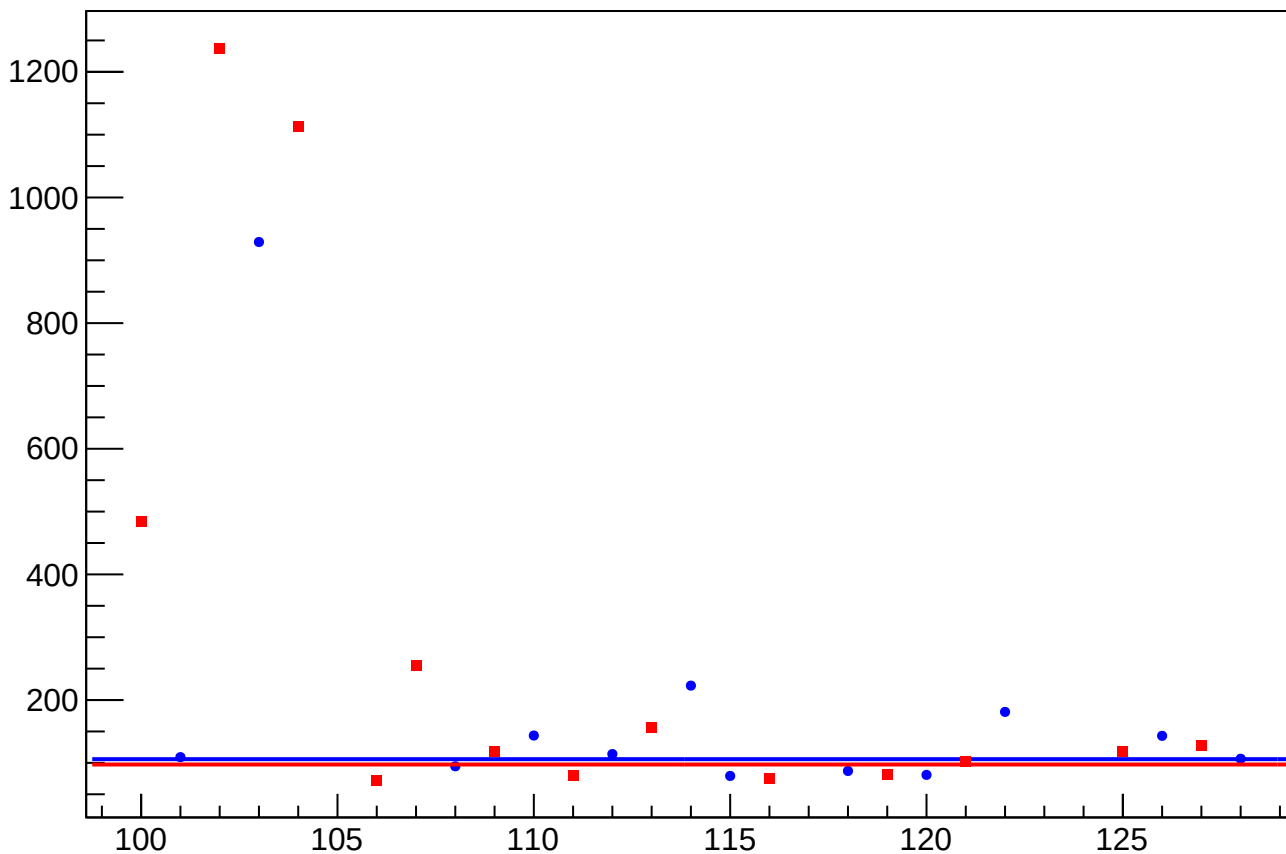
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.038 $\pm$ 0.038 χ^2 /NDF: 27.3/24

- 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: 105.891+/-0.039 χ^2/NDF : 1348690.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.380+/-0.038 χ^2/NDF : 2201085.6/12

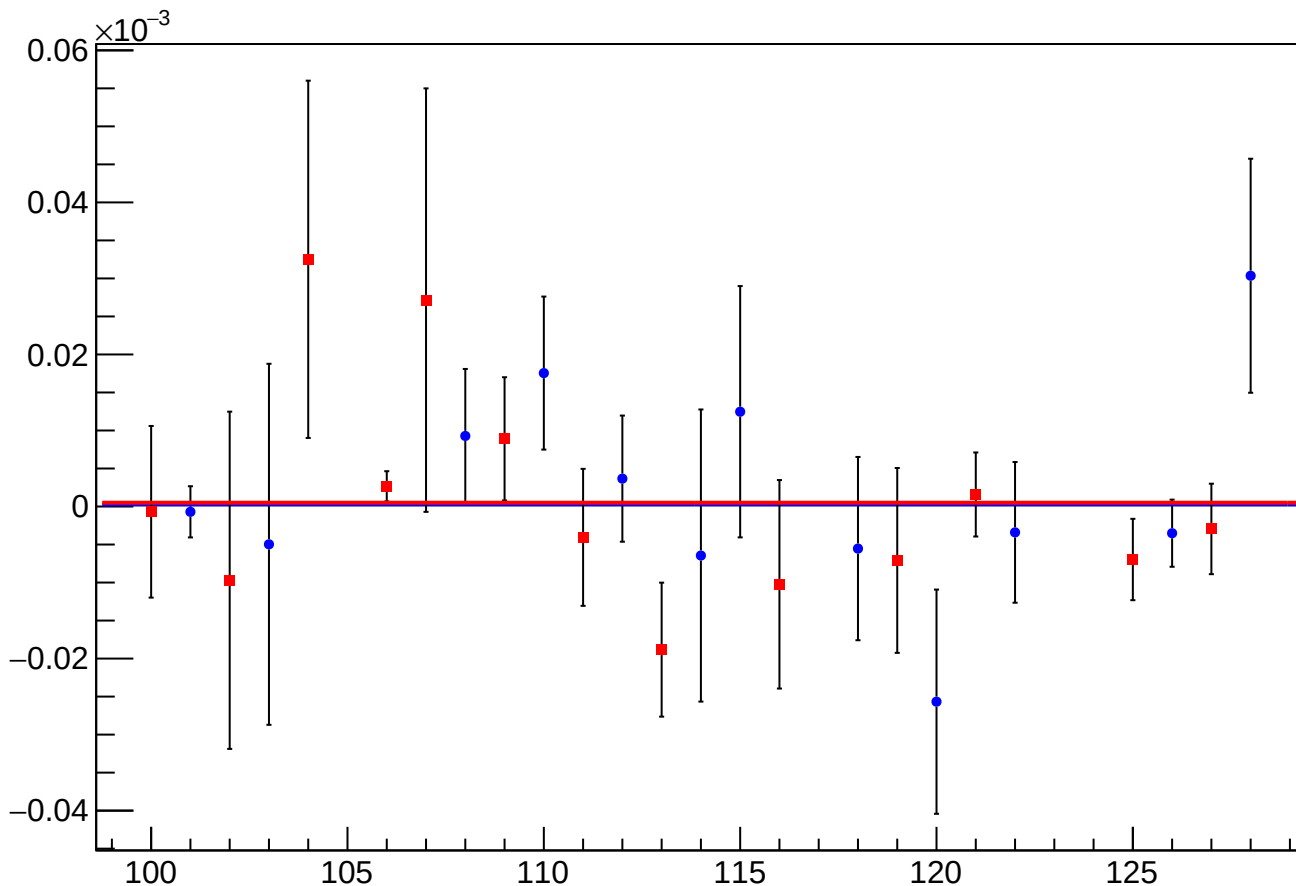
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.475+/-0.027 χ^2/NDF : 3574359.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.6/12

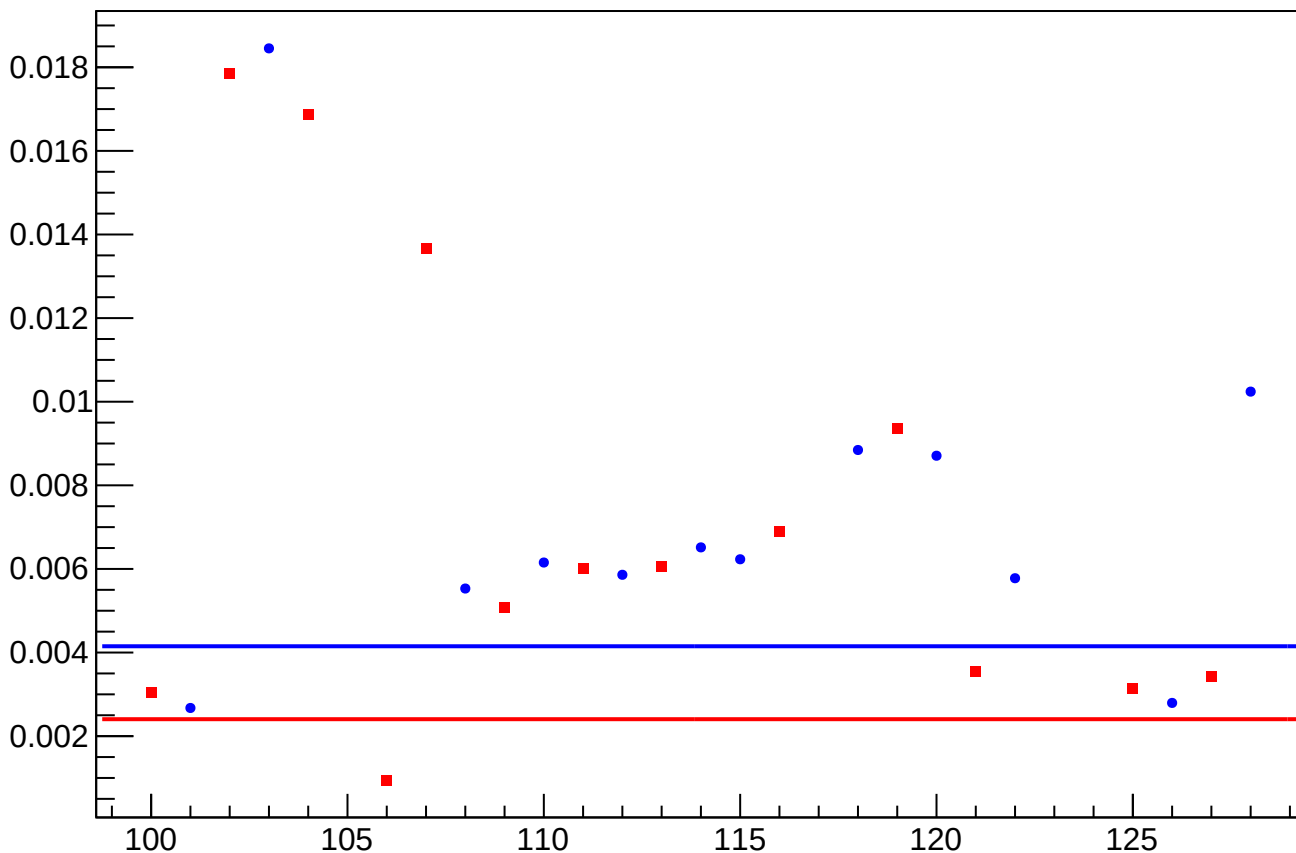
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 26.6/24

- 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 : 2443549.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 5098290.6/12

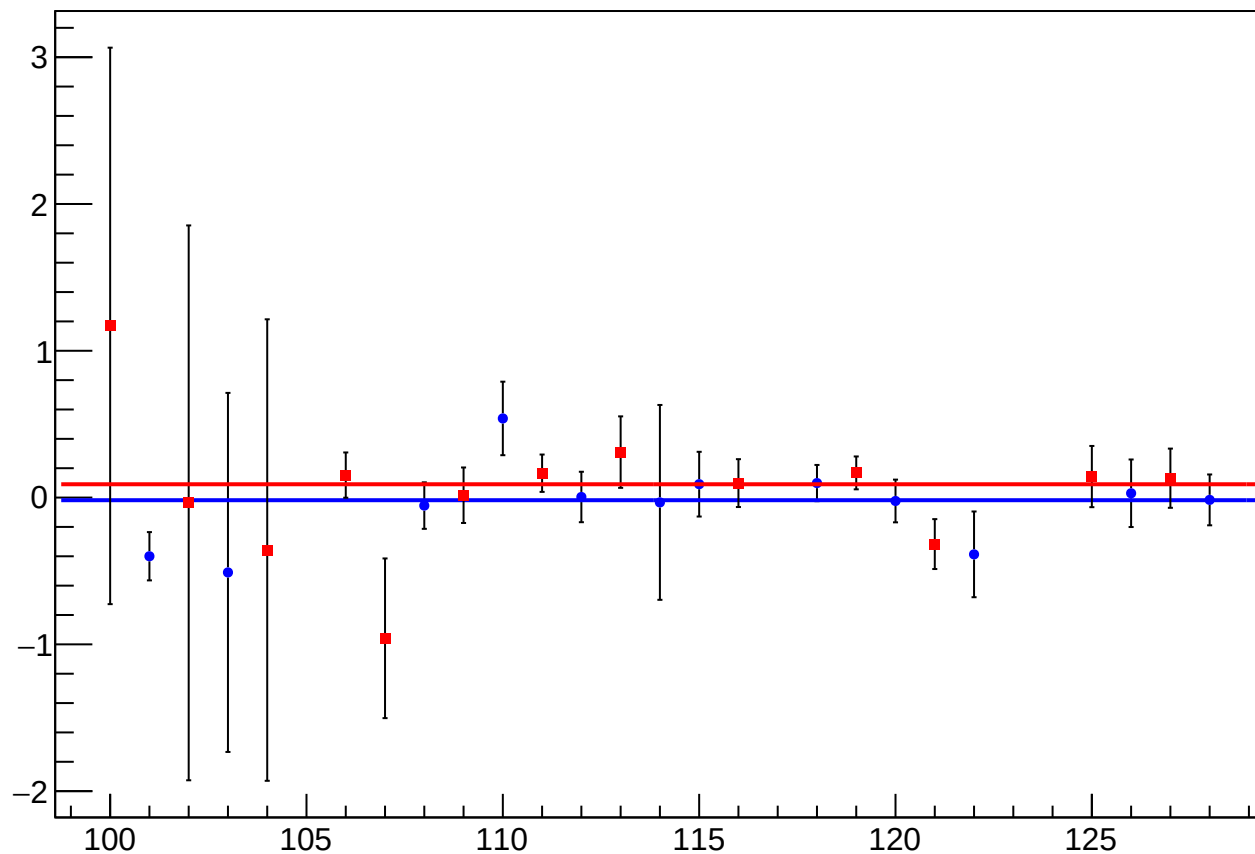
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 8396625.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.018+/-0.055 χ^2/NDF : 13.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.091+/-0.053 χ^2/NDF : 11.9/12

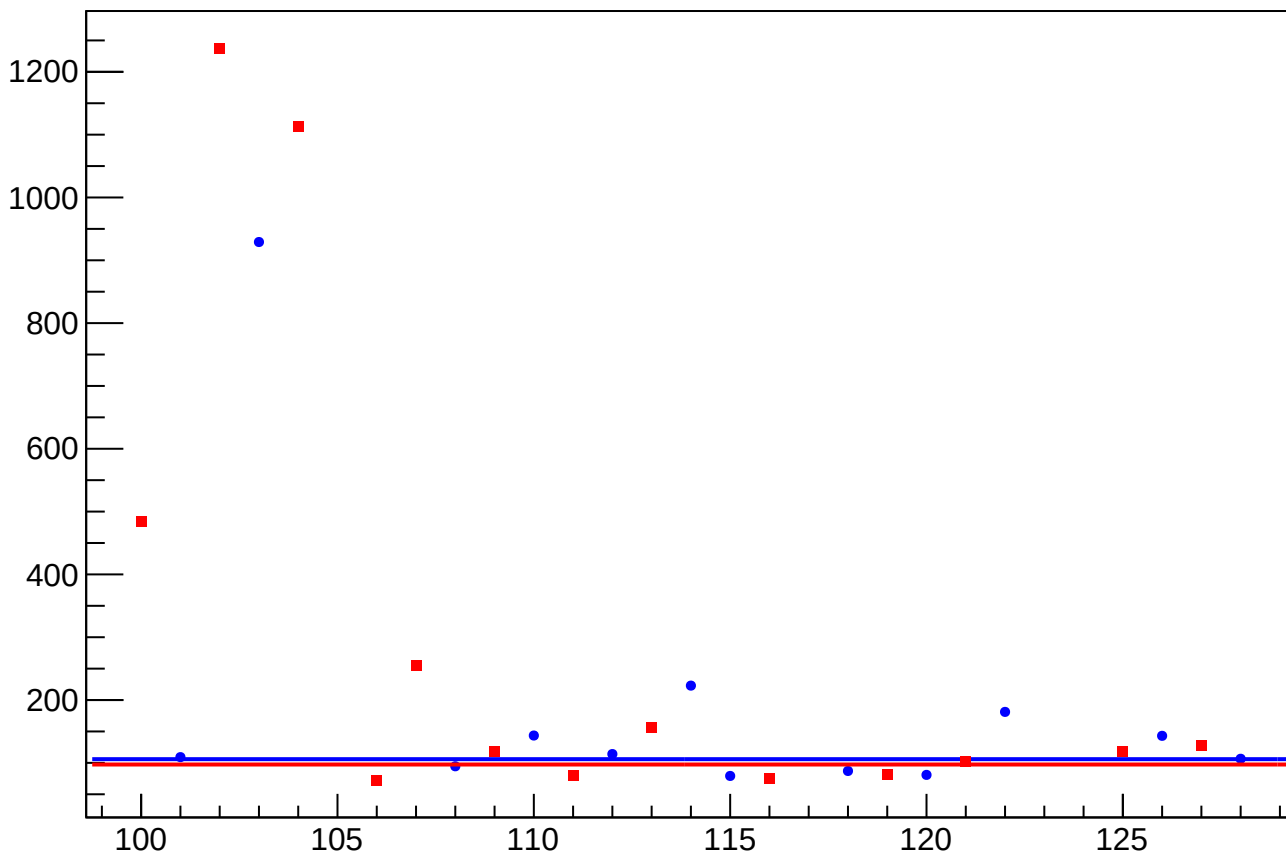
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.038+/-0.038 χ^2/NDF : 27.3/24

- 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: 105.889+/-0.039 χ^2/NDF : 1348700.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.378+/-0.038 χ^2/NDF : 2201080.3/12

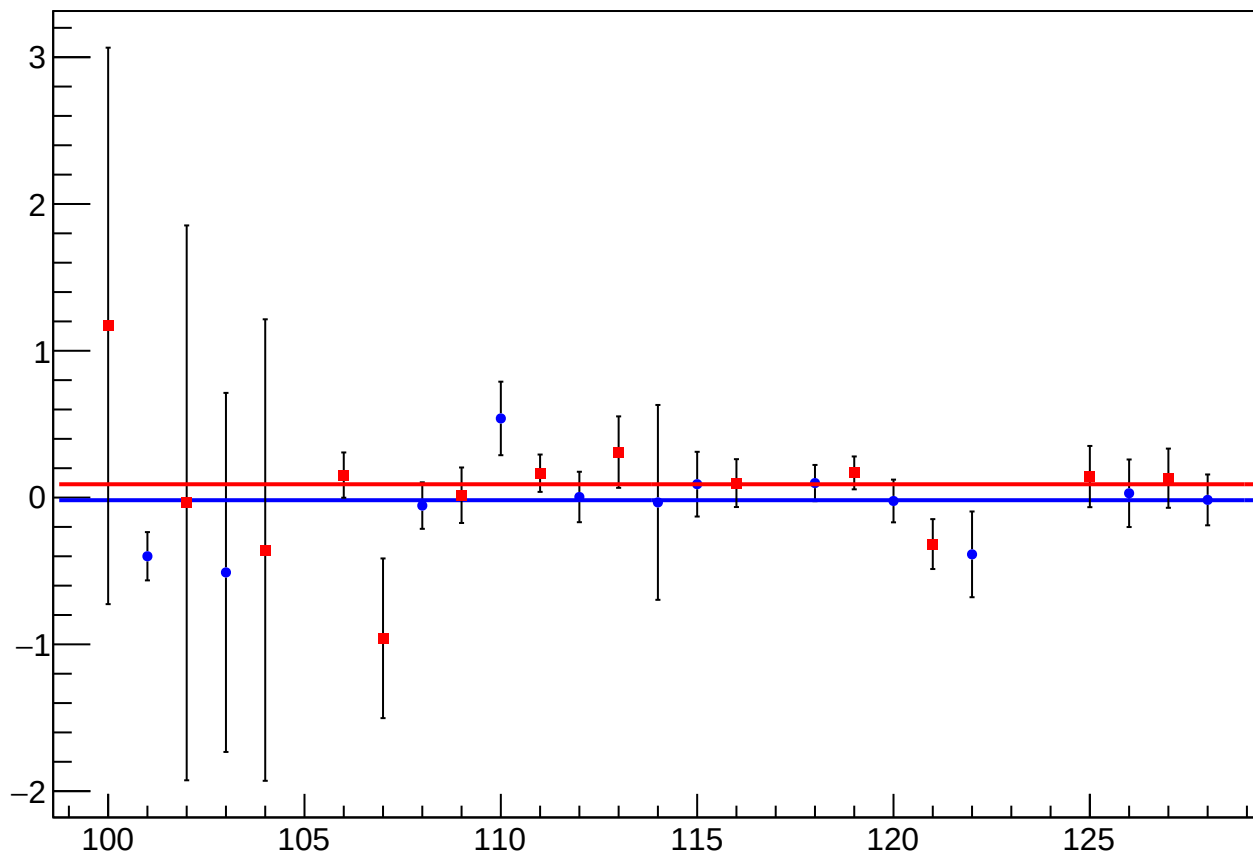
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.473+/-0.027 χ^2/NDF : 3574364.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.018 $\pm$ 0.055 χ^2 /NDF: 13.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.091 $\pm$ 0.053 χ^2 /NDF: 11.9/12

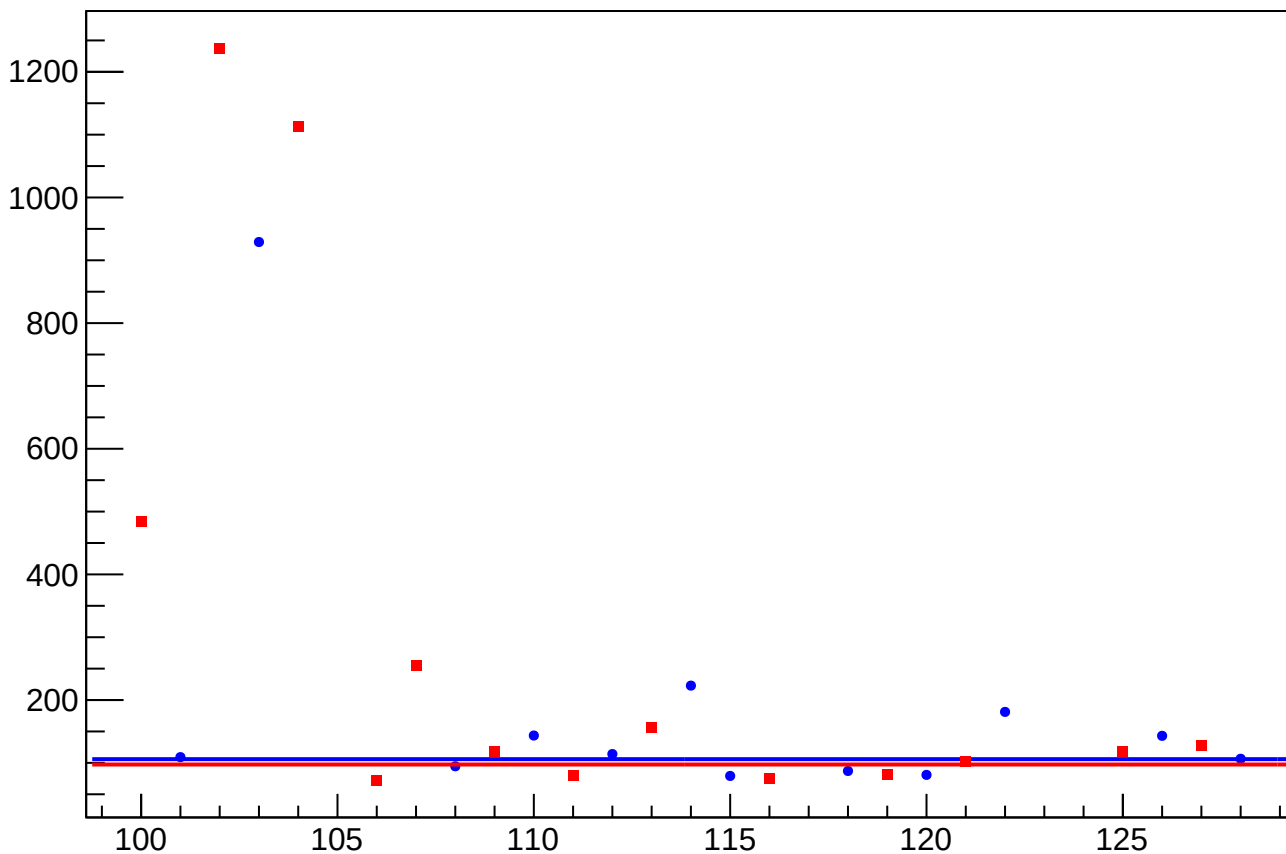
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.038 $\pm$ 0.038 χ^2 /NDF: 27.3/24

- 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: 105.889+/-0.039 χ^2/NDF : 1348700.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.378+/-0.038 χ^2/NDF : 2201080.3/12

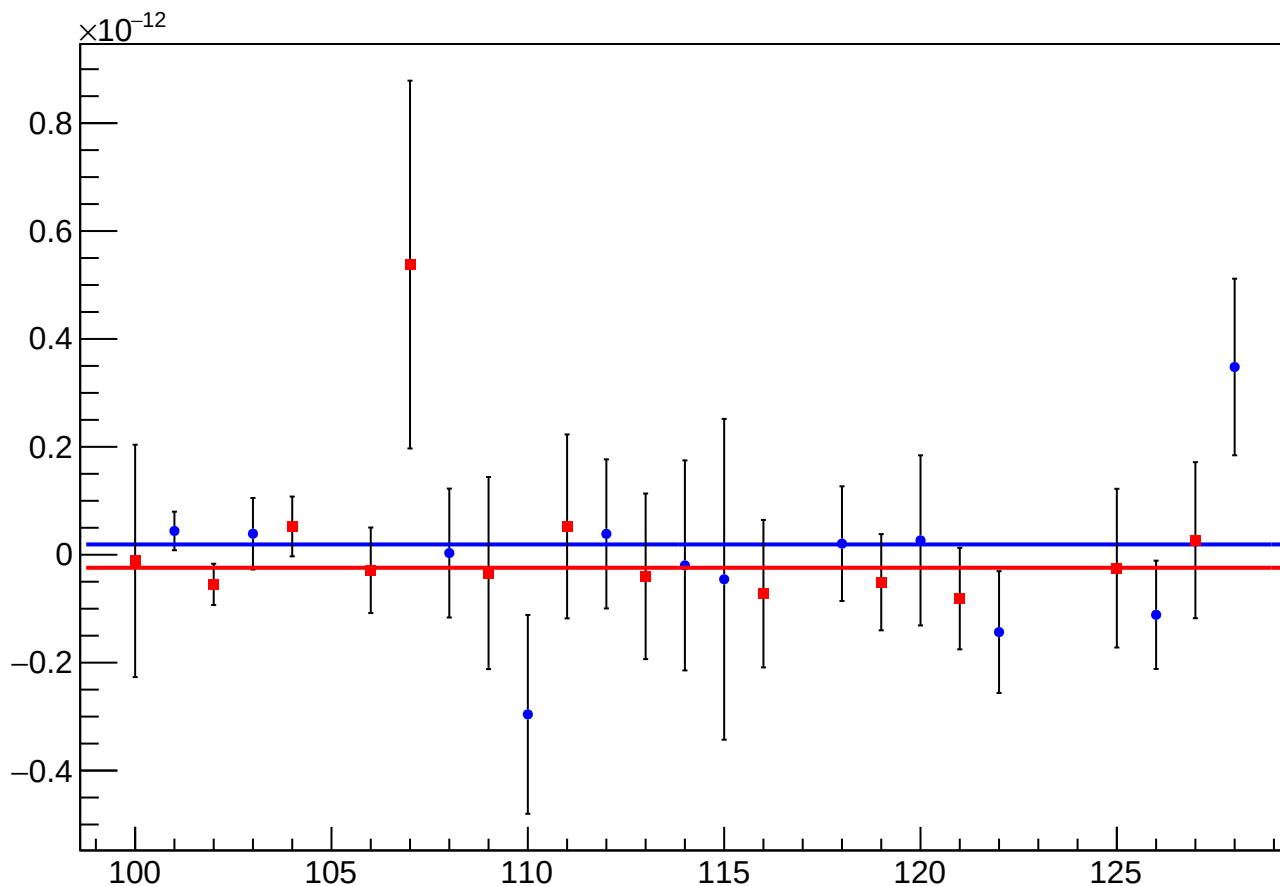
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.473+/-0.027 χ^2/NDF : 3574364.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 11.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.2/12

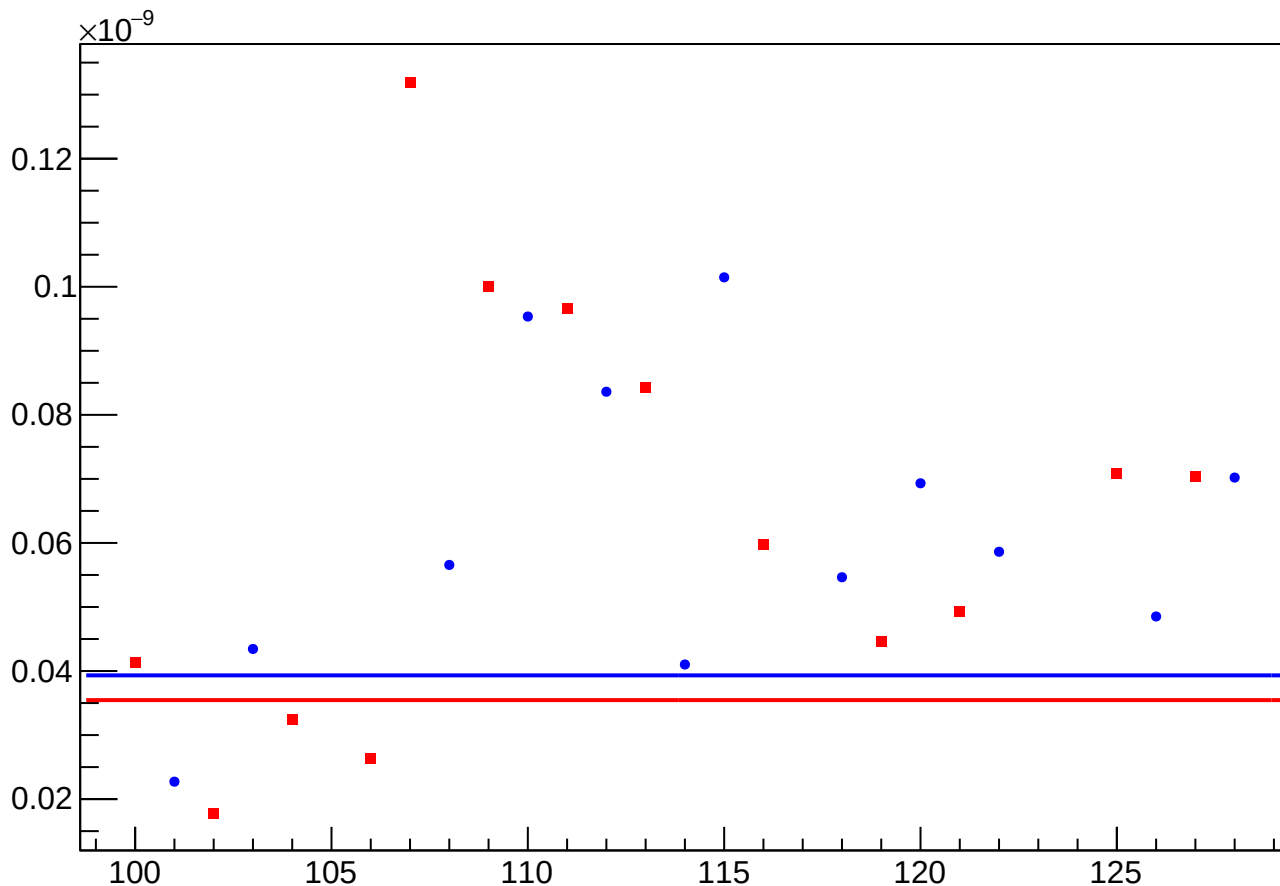
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.1/24

- 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 : 1219563.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1705164.5/12

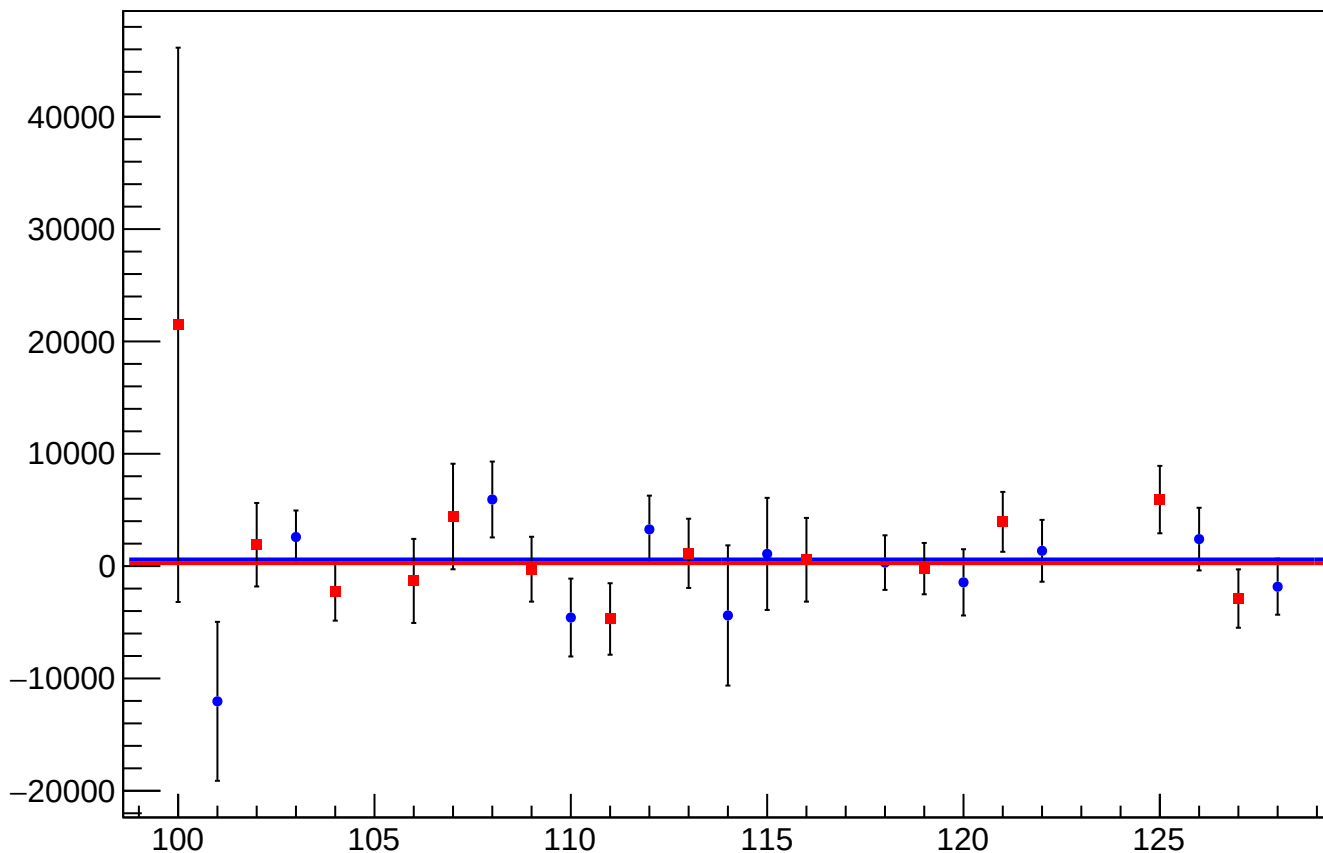
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2948861.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 589.914+/-893.336 χ^2/NDF : 12.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 265.332+/-868.611 χ^2/NDF : 12.4/12

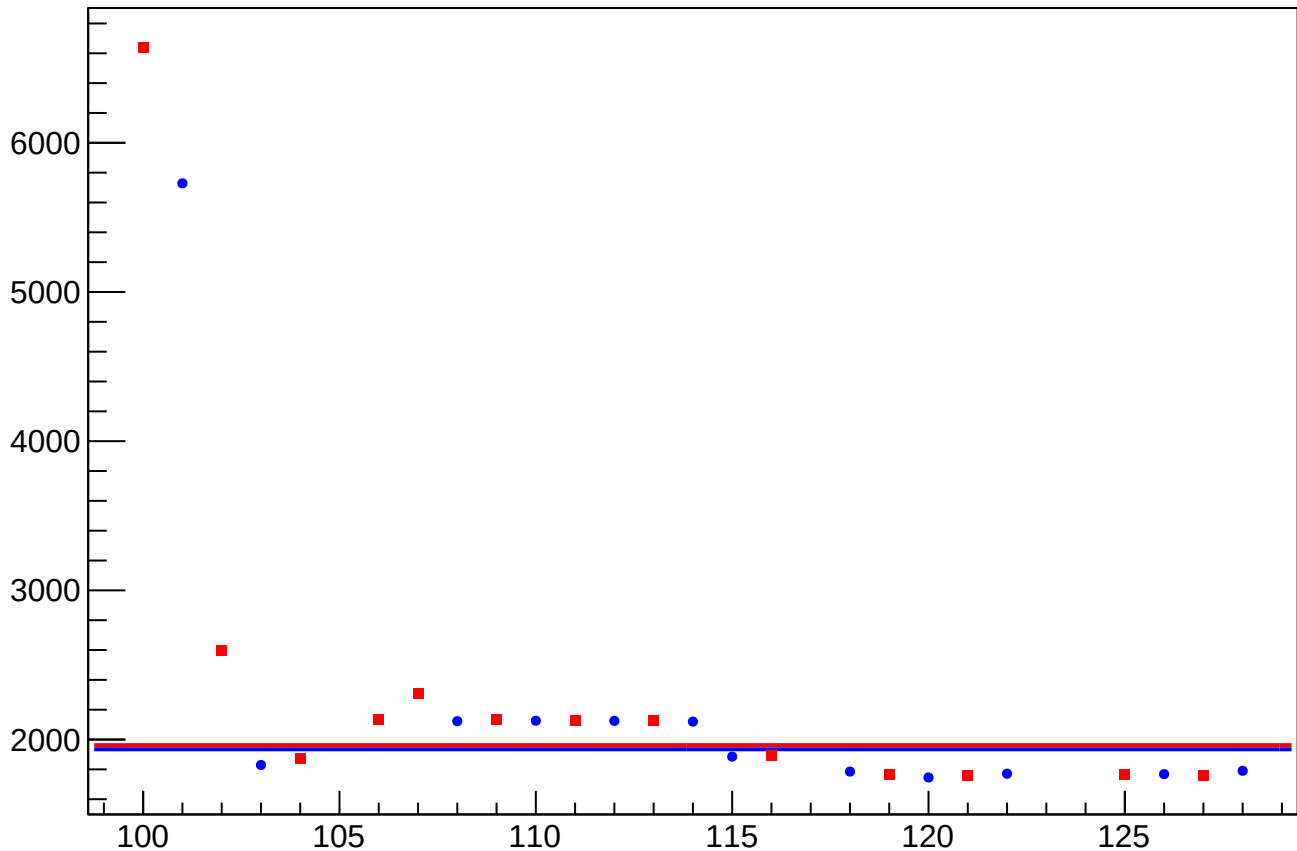
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.069+/-622.758 χ^2/NDF : 24.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 1934.617+/-0.632 χ^2/NDF : 638170.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

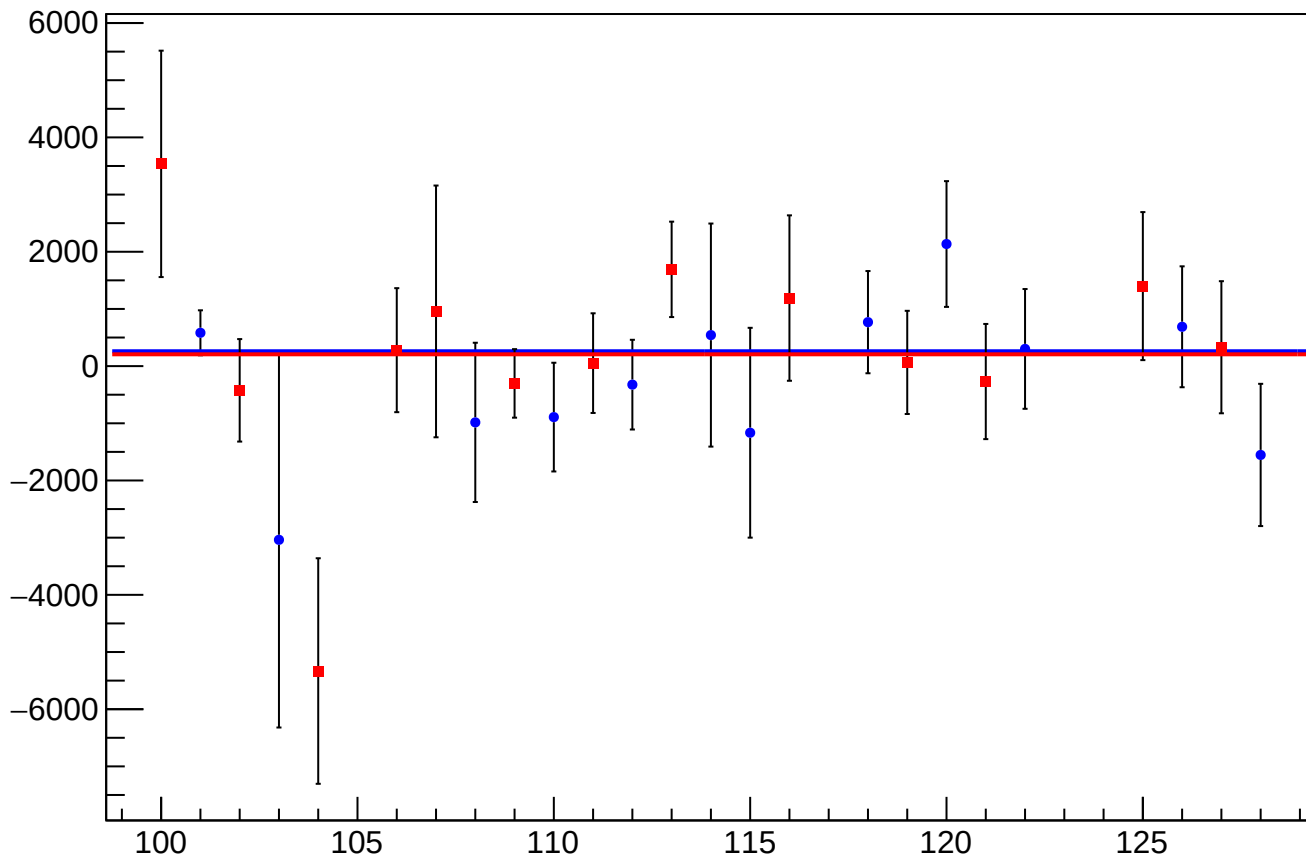
Right Out: 1962.406+/-0.614 χ^2/NDF : 213752.1/12

All: 1948.902+/-0.440 χ^2/NDF : 852917.7/24

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_avg_at1lr_avg_dd_reg_correction_mean vs Slug



Right In: 259.996 $\pm$ 259.147 χ^2 /NDF: 10.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 206.706 $\pm$ 284.083 χ^2 /NDF: 16.8/12

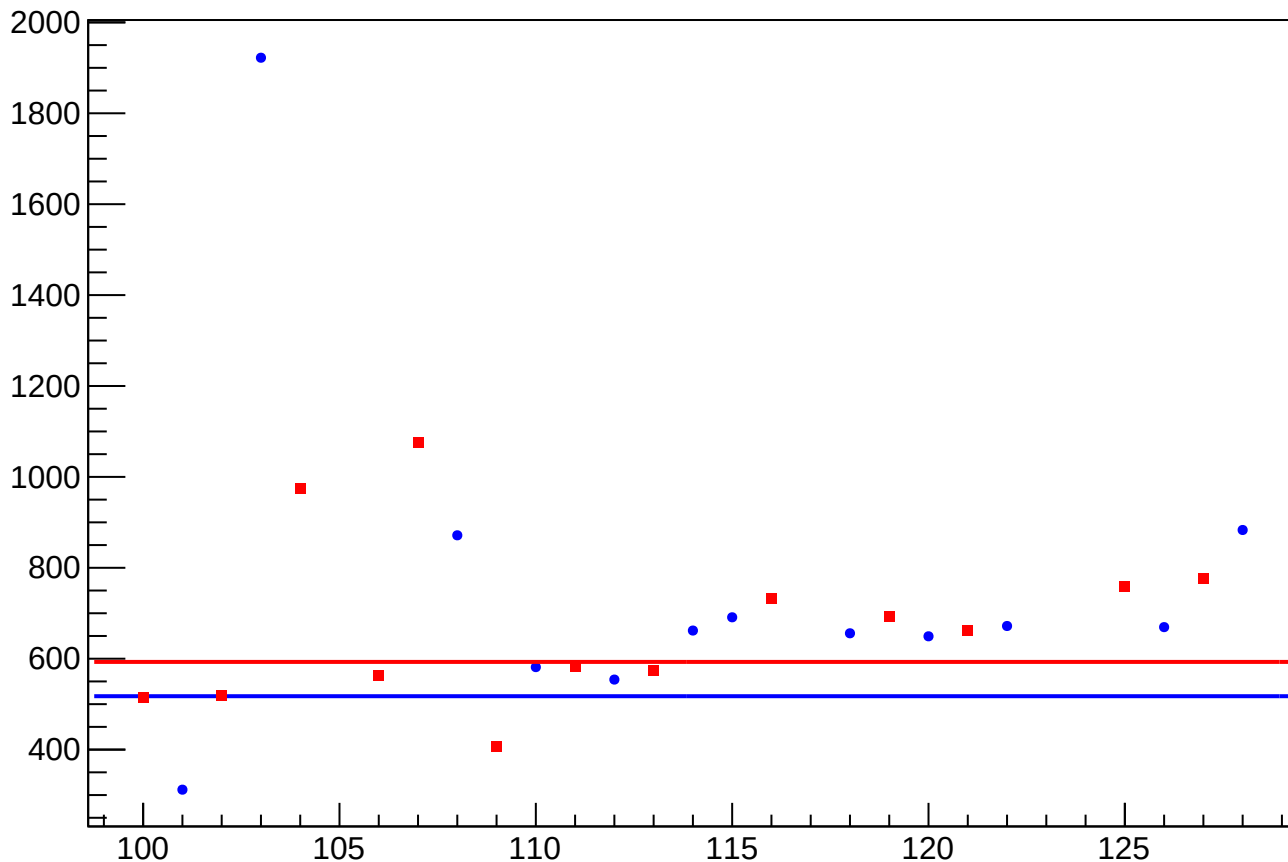
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 235.792 $\pm$ 191.454 χ^2 /NDF: 27.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_reg_correction_rms vs Slug



Right In: 517.489+/-0.183 χ^2/NDF : 1418631.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 592.940+/-0.201 χ^2/NDF : 519481.7/12

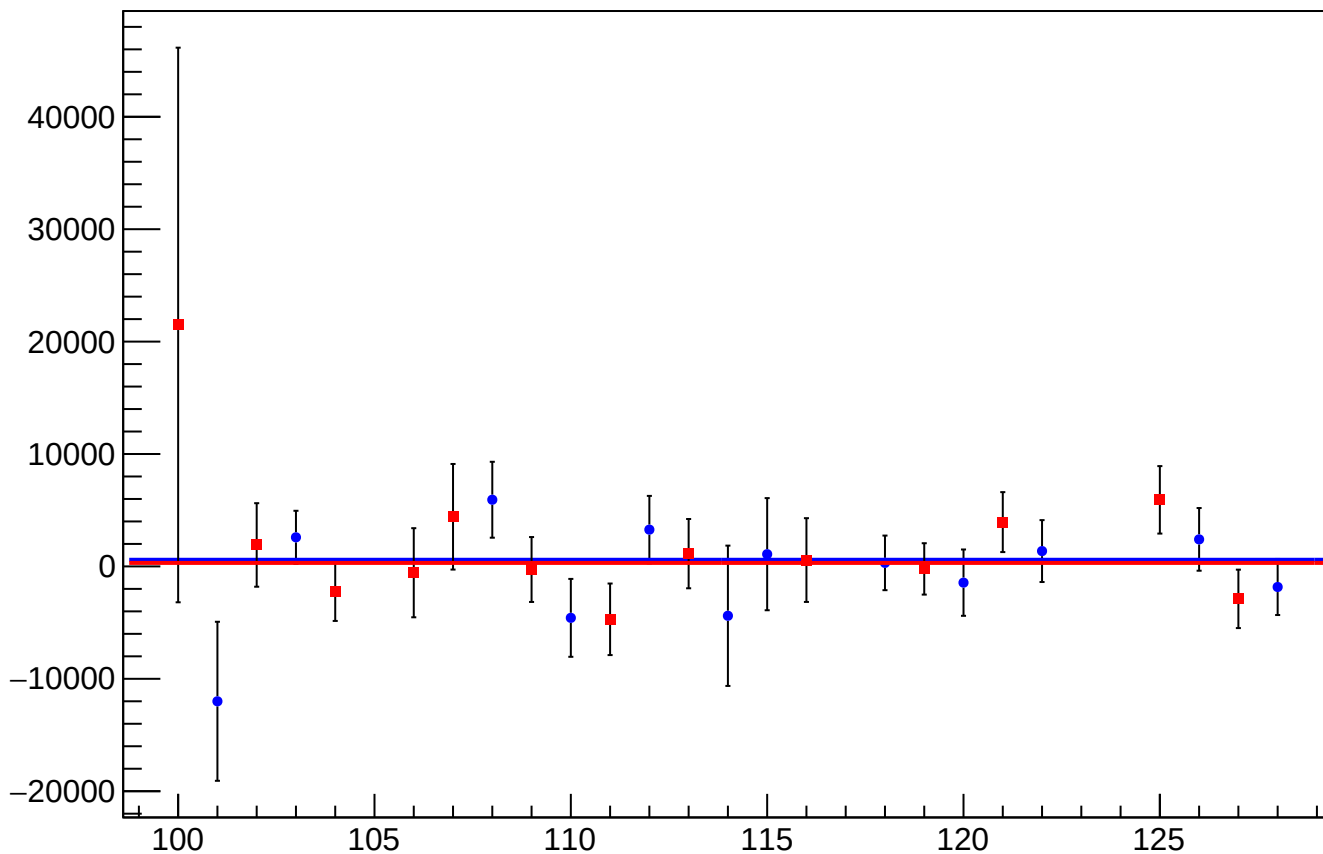
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 551.758+/-0.135 χ^2/NDF : 2015116.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 590.143+/-893.336 χ^2/NDF : 12.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 311.381+/-871.170 χ^2/NDF : 12.2/12

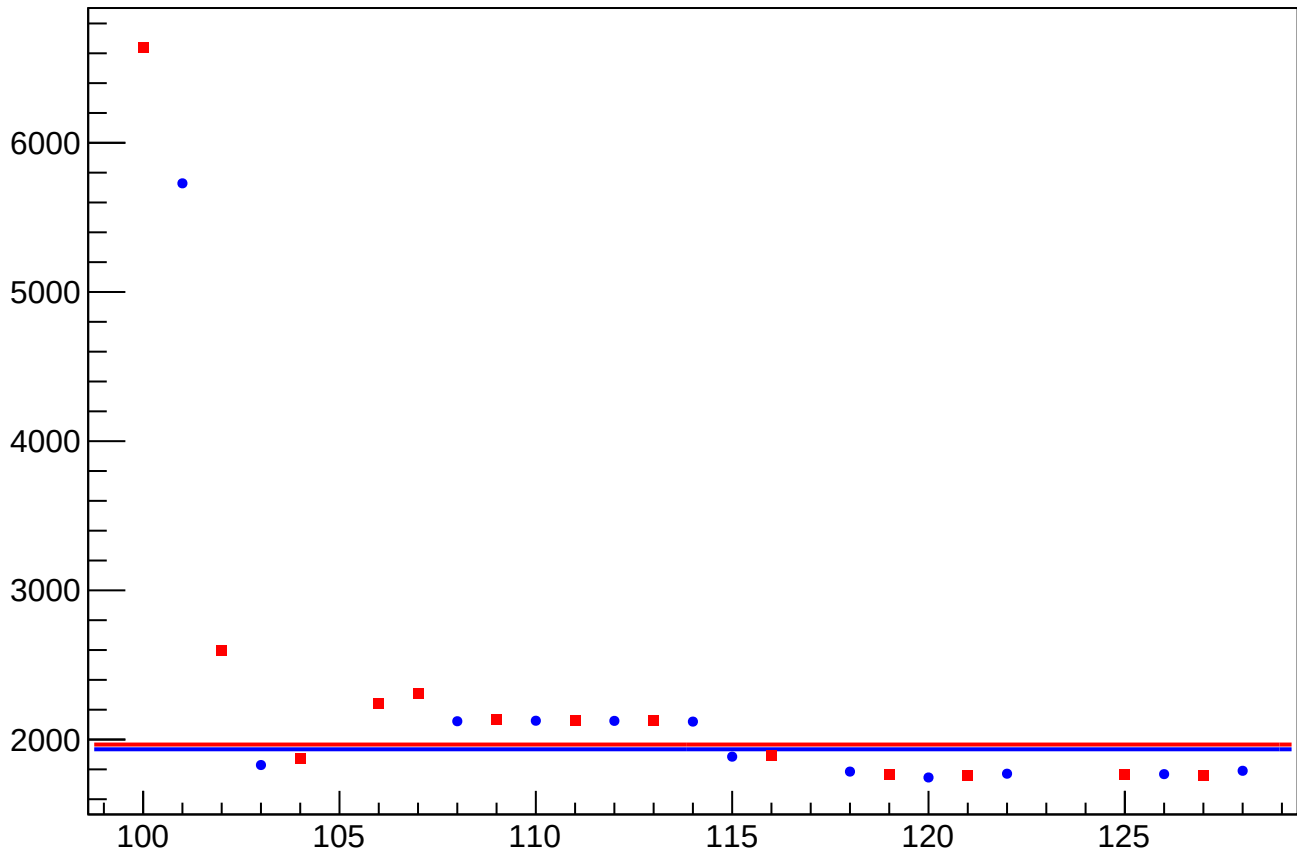
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 447.261+/-623.700 χ^2/NDF : 24.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 1934.617+/-0.632 χ^2/NDF : 638170.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1966.454+/-0.616 χ^2/NDF : 219298.6/12

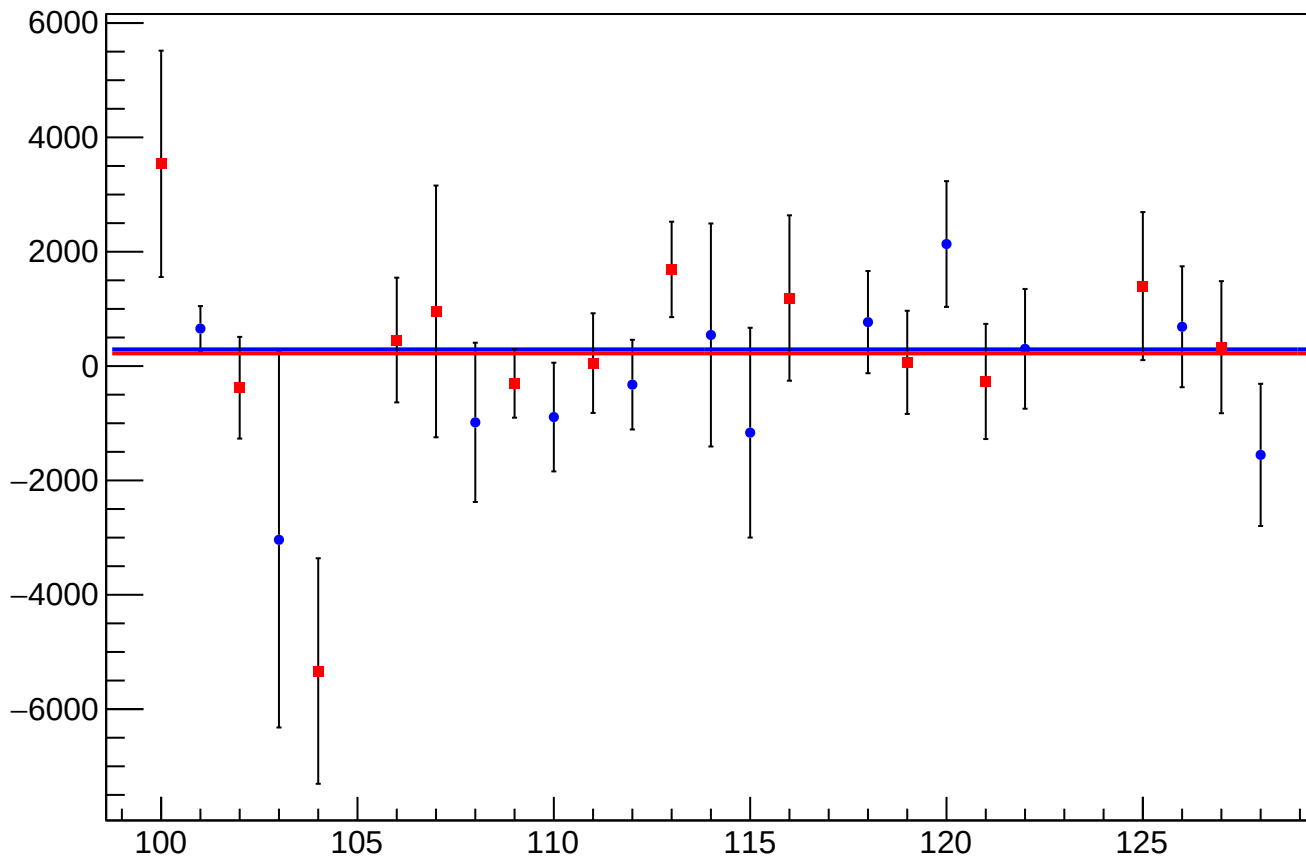
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1950.935+/-0.441 χ^2/NDF : 858771.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_cor_correction_mean vs Slug



Right In: 292.297 $\pm$ 259.021 χ^2 /NDF: 11.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 222.075 $\pm$ 283.985 χ^2 /NDF: 16.8/12

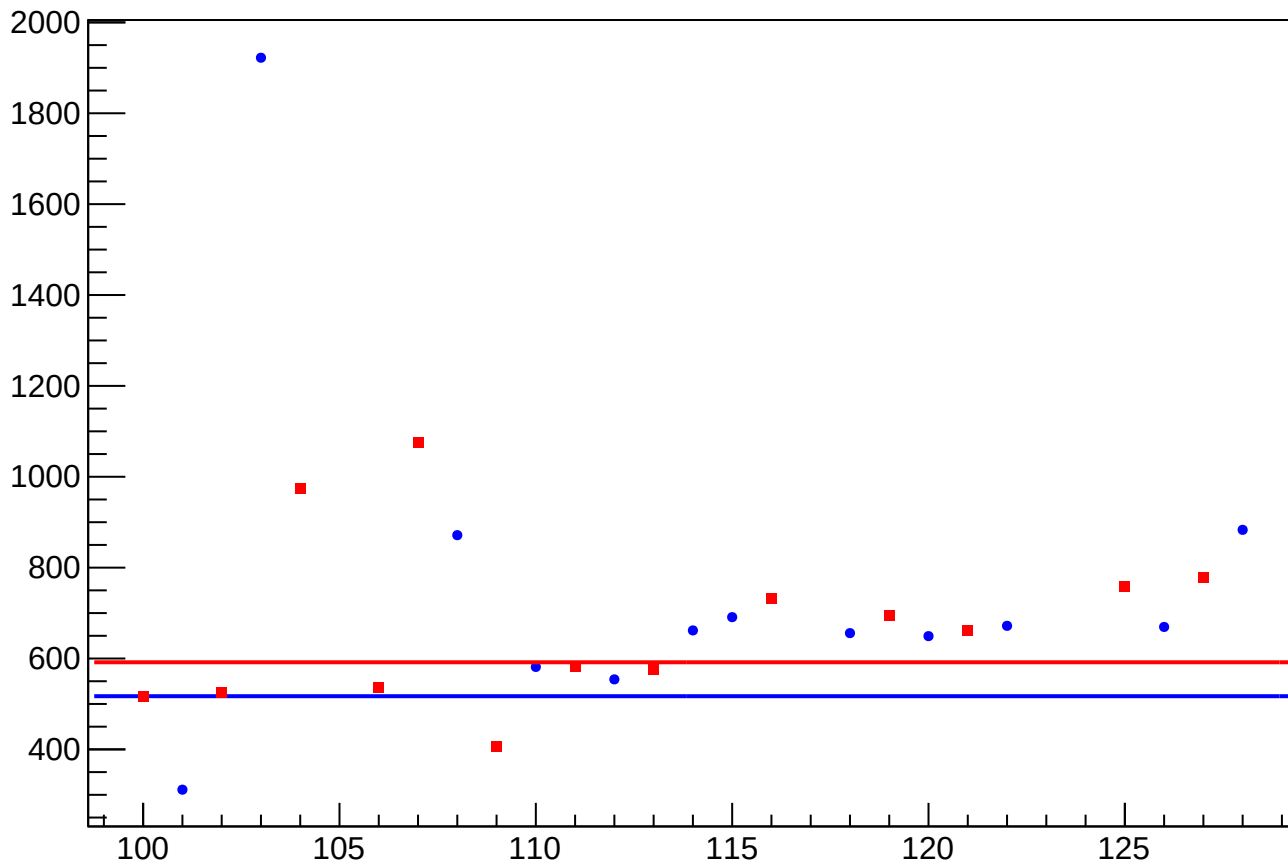
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 260.407 $\pm$ 191.374 χ^2 /NDF: 27.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_cor_correction_rms vs Slug



Right In: 517.070+/-0.183 χ^2/NDF : 1422422.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 591.710+/-0.201 χ^2/NDF : 521009.4/12

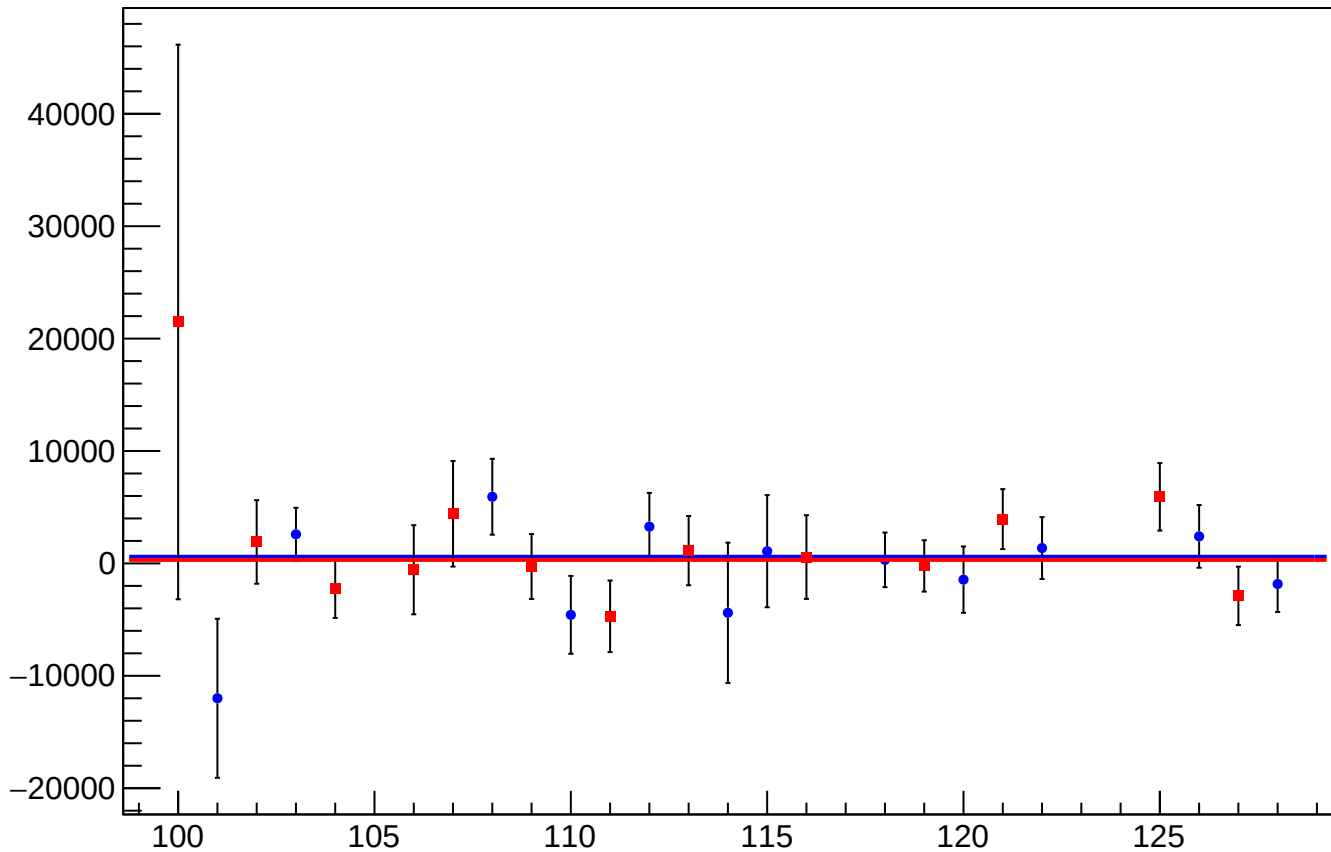
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 550.966+/-0.135 χ^2/NDF : 2018849.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 590.143+/-893.336 χ^2/NDF : 12.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 311.381+/-871.170 χ^2/NDF : 12.2/12

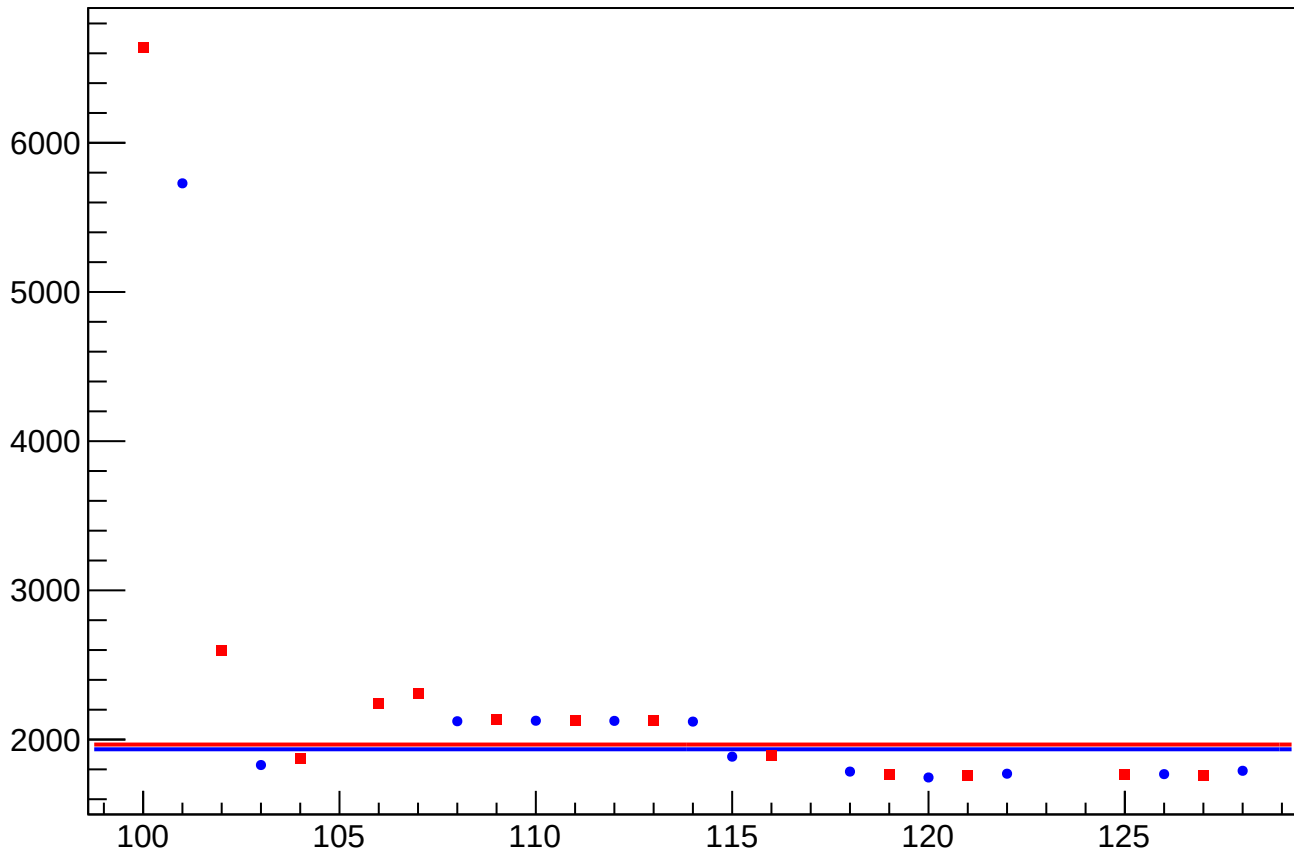
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 447.261+/-623.700 χ^2/NDF : 24.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 1934.617+/-0.632 χ^2/NDF : 638170.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1966.454+/-0.616 χ^2/NDF : 219298.6/12

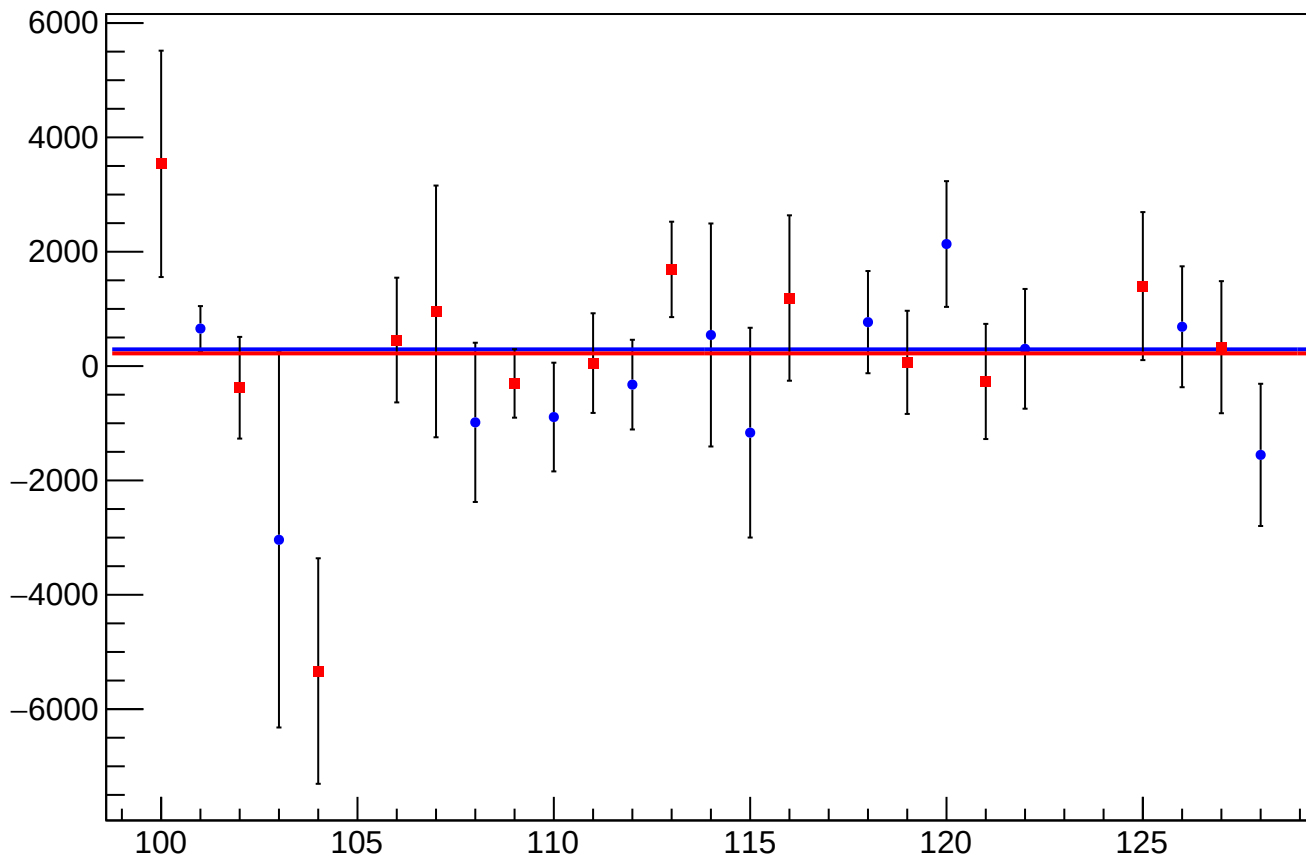
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1950.935+/-0.441 χ^2/NDF : 858771.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_mean vs Slug



Right In: 292.297+/-259.021 χ^2/NDF : 11.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 222.075+/-283.985 χ^2/NDF : 16.8/12

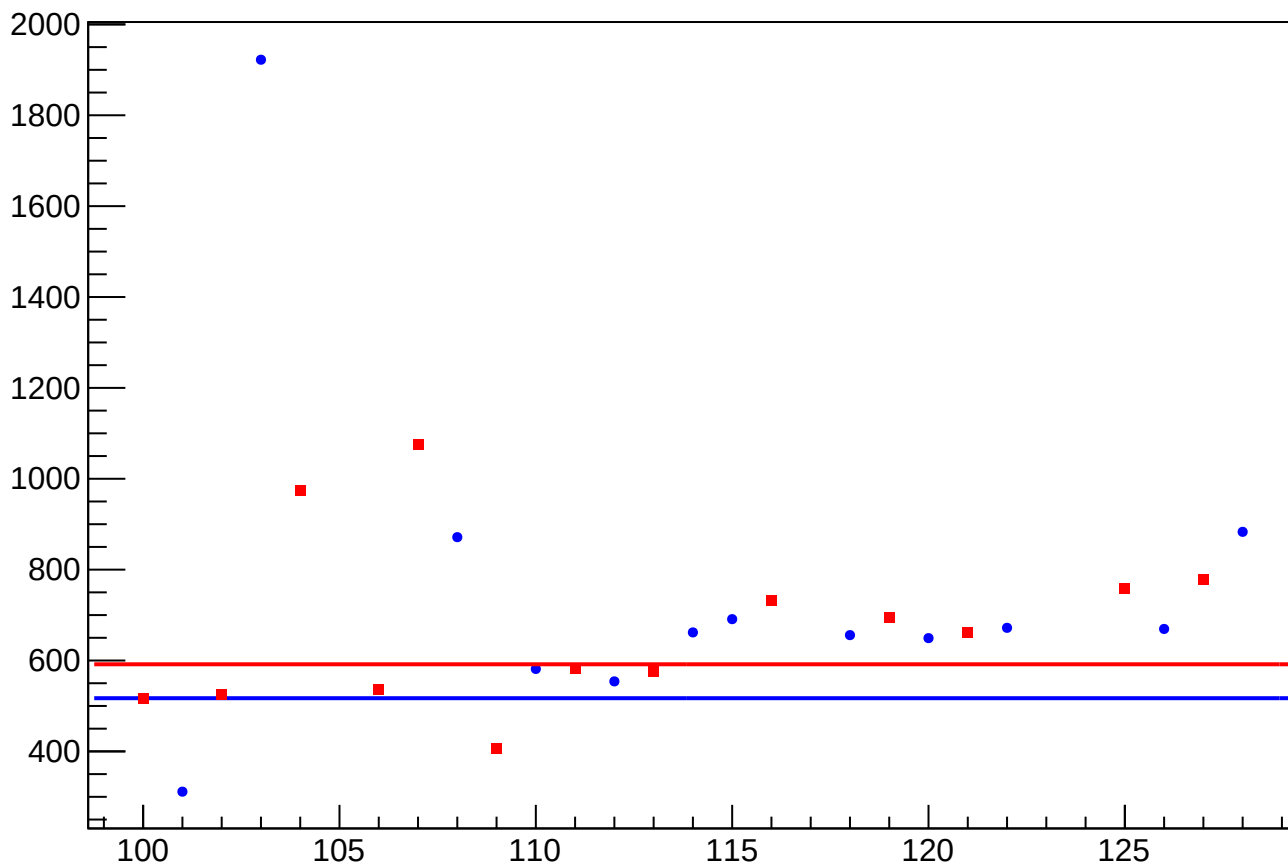
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 260.407+/-191.374 χ^2/NDF : 27.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_rms vs Slug



Right In: 517.070+/-0.183 χ^2/NDF : 1422422.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 591.710+/-0.201 χ^2/NDF : 521009.4/12

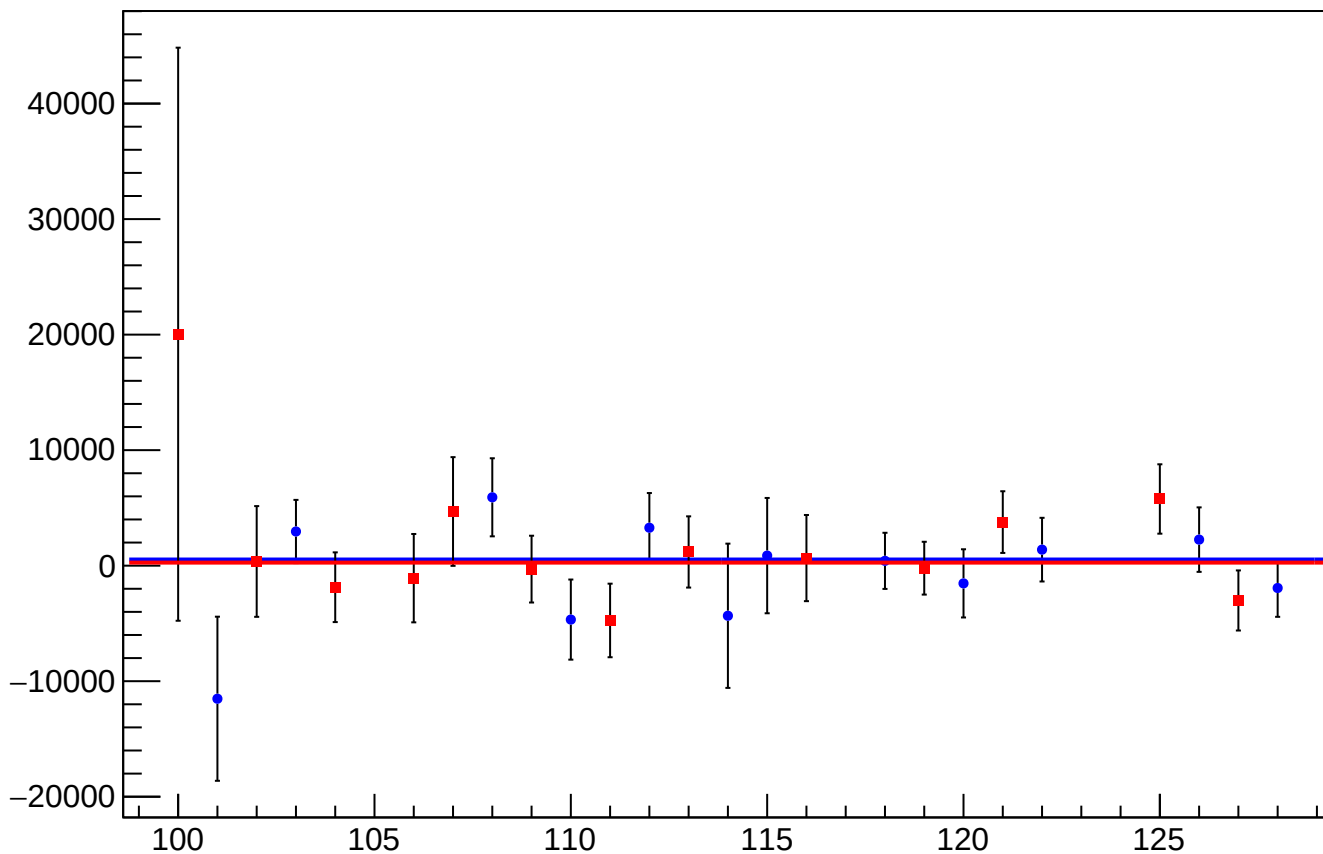
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 550.966+/-0.135 χ^2/NDF : 2018849.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 532.120+/-910.757 χ^2/NDF : 11.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 265.055+/-892.896 χ^2/NDF : 11.5/12

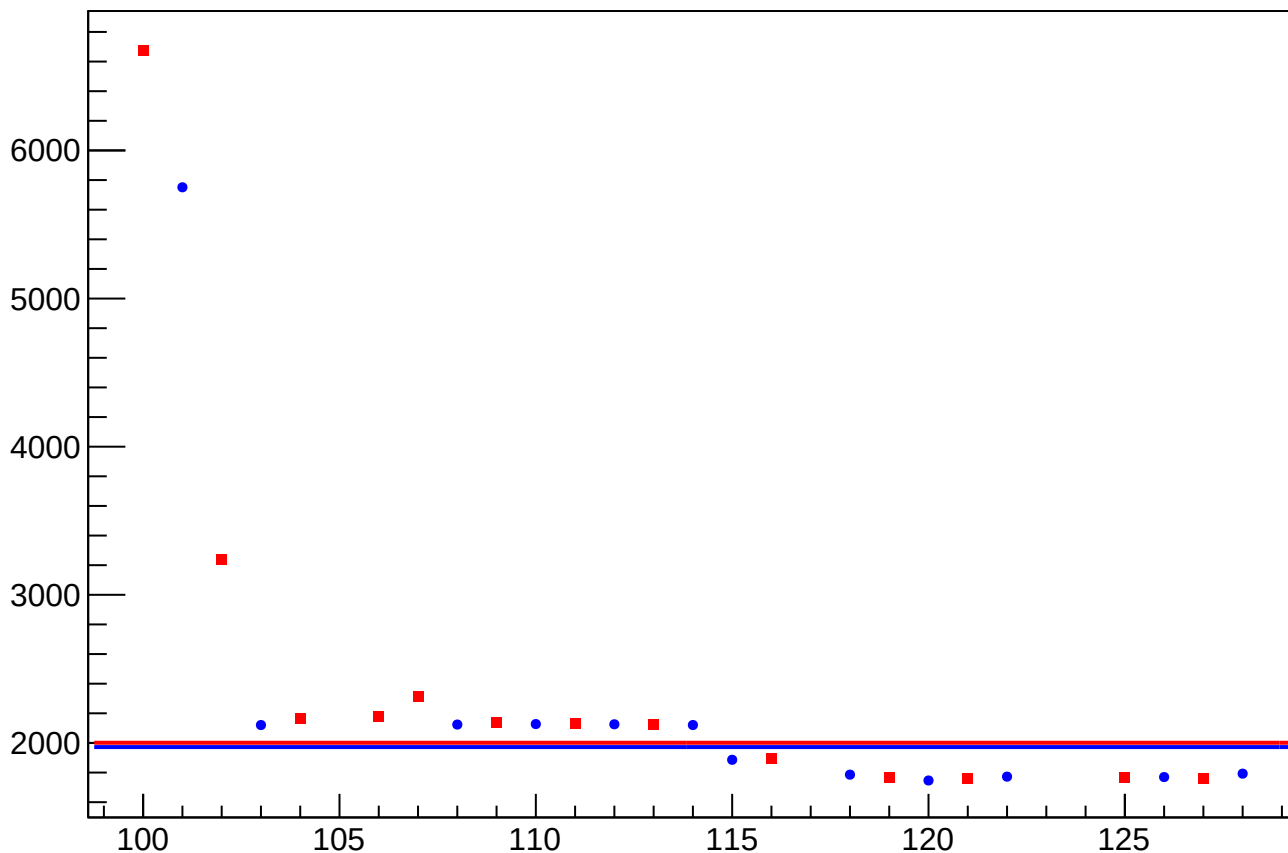
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 395.943+/-637.594 χ^2/NDF : 23.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 1971.968+/-0.644 χ^2/NDF : 641874.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2001.245+/-0.631 χ^2/NDF : 302227.3/12

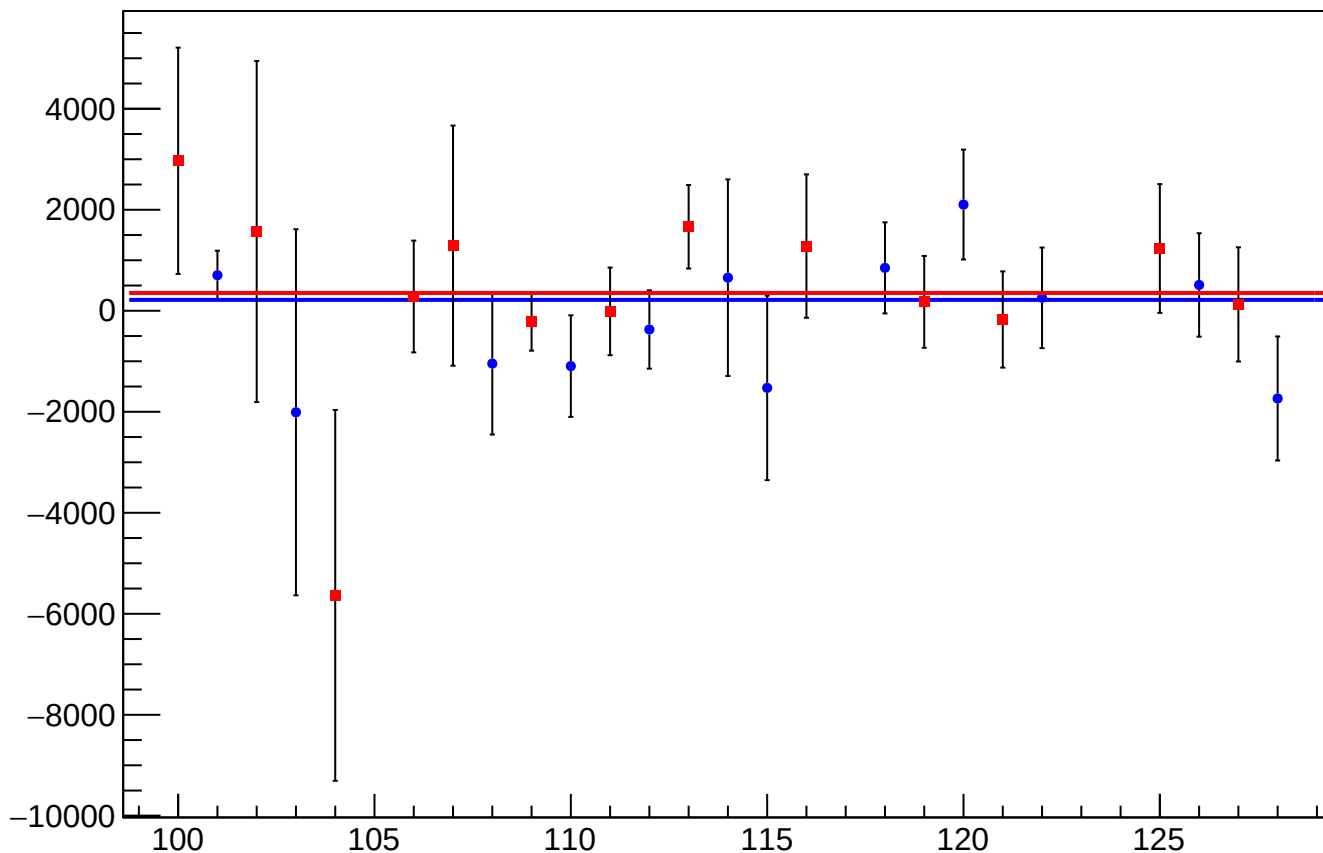
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1986.896+/-0.451 χ^2/NDF : 945155.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_dit_correction_mean vs Slug



Right In: 215.809 $\pm$ 279.898 χ^2 /NDF: 11.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 352.584 $\pm$ 295.806 χ^2 /NDF: 9.3/12

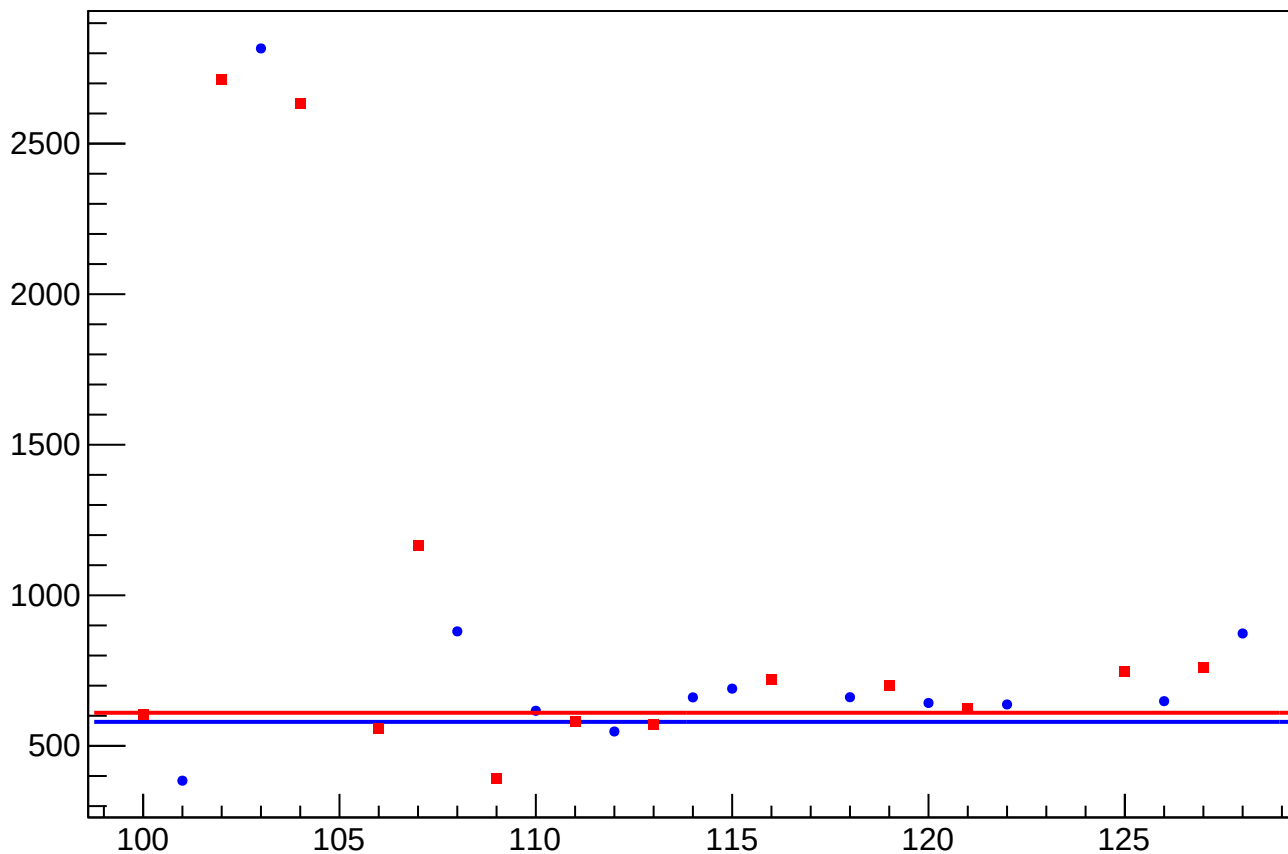
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 280.420 $\pm$ 203.309 χ^2 /NDF: 21.0/24

- 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: 579.698+/-0.198 χ^2/NDF : 1348502.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 609.960+/-0.209 χ^2/NDF : 1889880.7/12

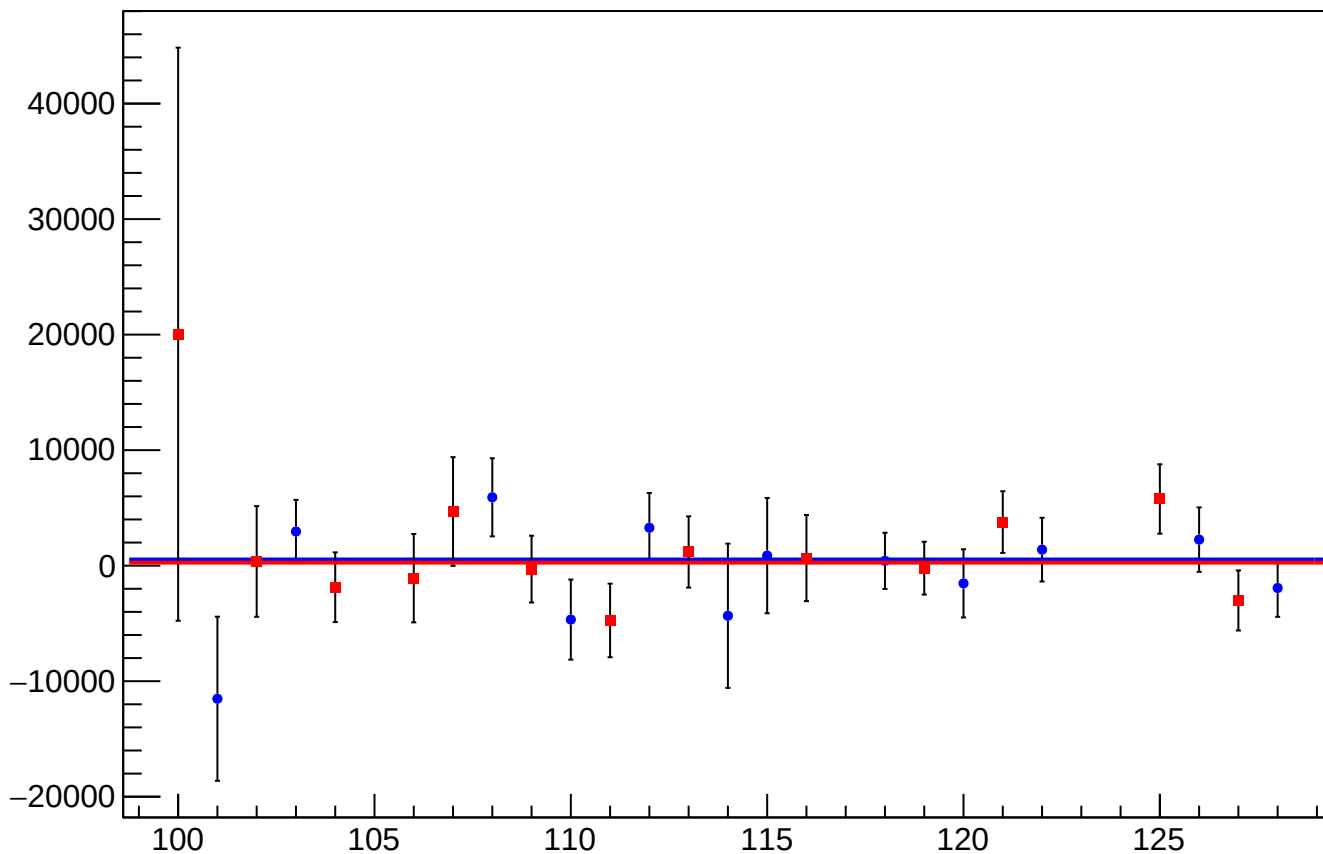
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 593.993+/-0.144 χ^2/NDF : 3249427.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 532.124+/-910.757 χ^2/NDF : 11.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 265.054+/-892.896 χ^2/NDF : 11.5/12

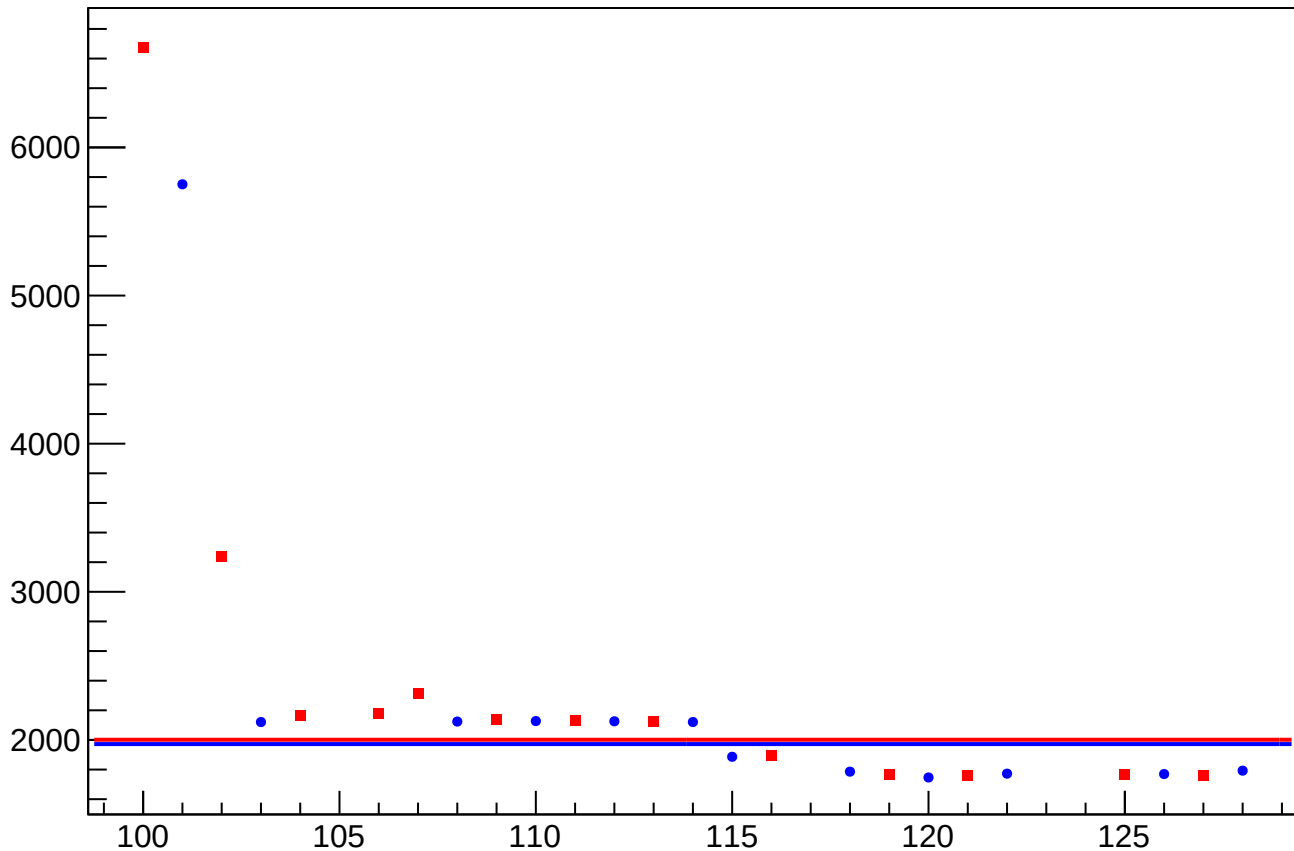
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 395.944+/-637.594 χ^2/NDF : 23.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 1971.968+/-0.644 χ^2/NDF : 641874.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2001.244+/-0.631 χ^2/NDF : 302226.6/12

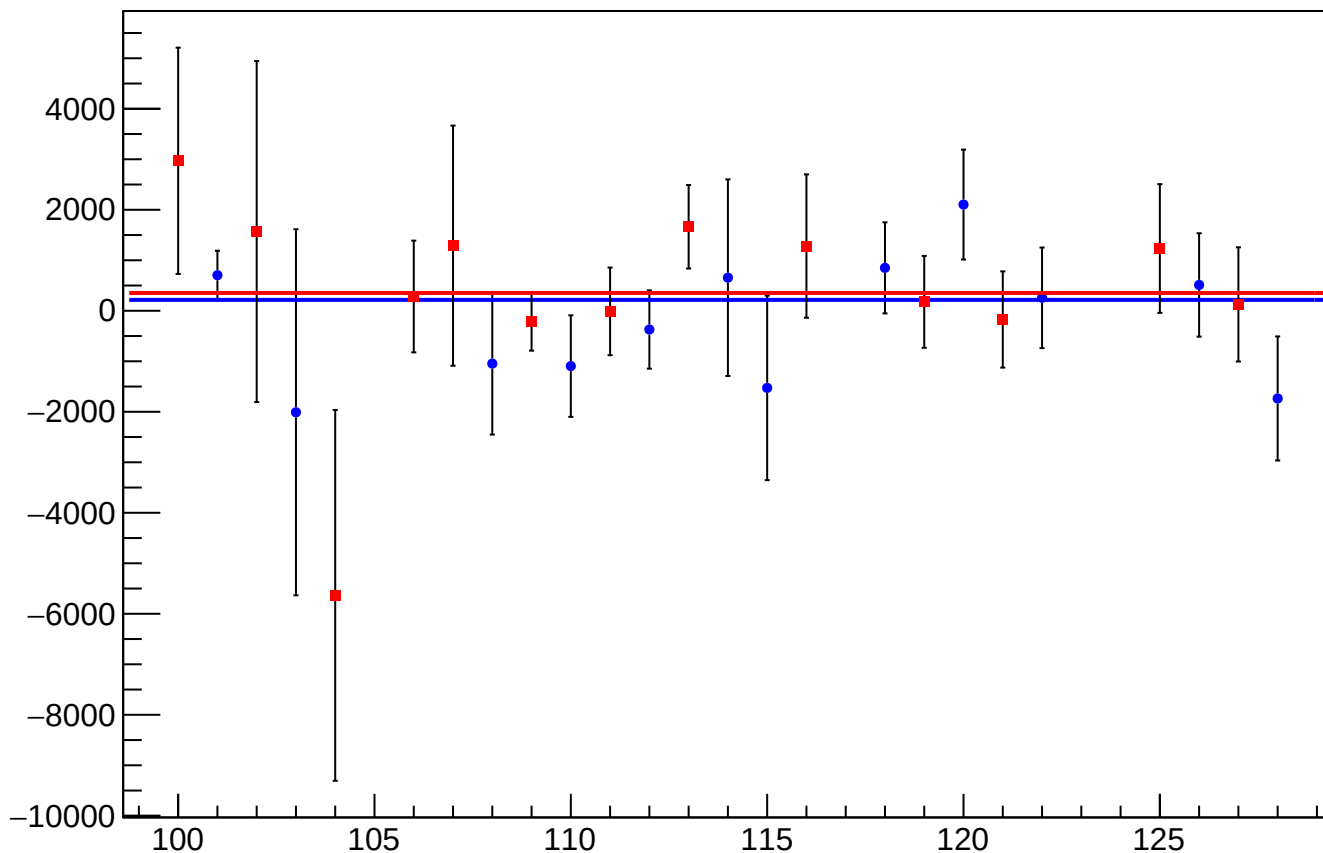
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1986.896+/-0.451 χ^2/NDF : 945155.0/24

- 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: 215.808 $\pm$ 279.897 χ^2 /NDF: 11.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 352.580 $\pm$ 295.804 χ^2 /NDF: 9.3/12

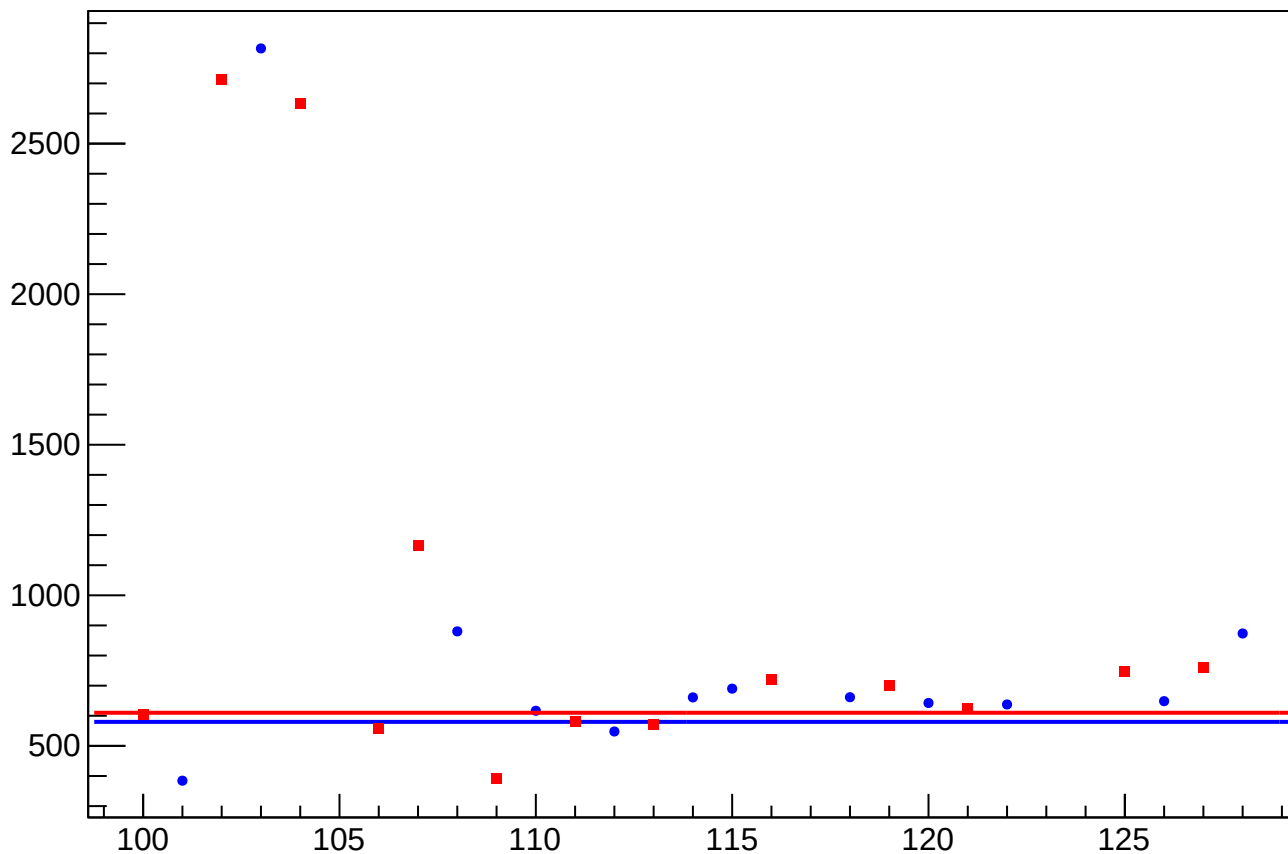
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 280.418 $\pm$ 203.308 χ^2 /NDF: 21.0/24

- 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: 579.696+/-0.198 χ^2/NDF : 1348491.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 609.955+/-0.209 χ^2/NDF : 1889898.2/12

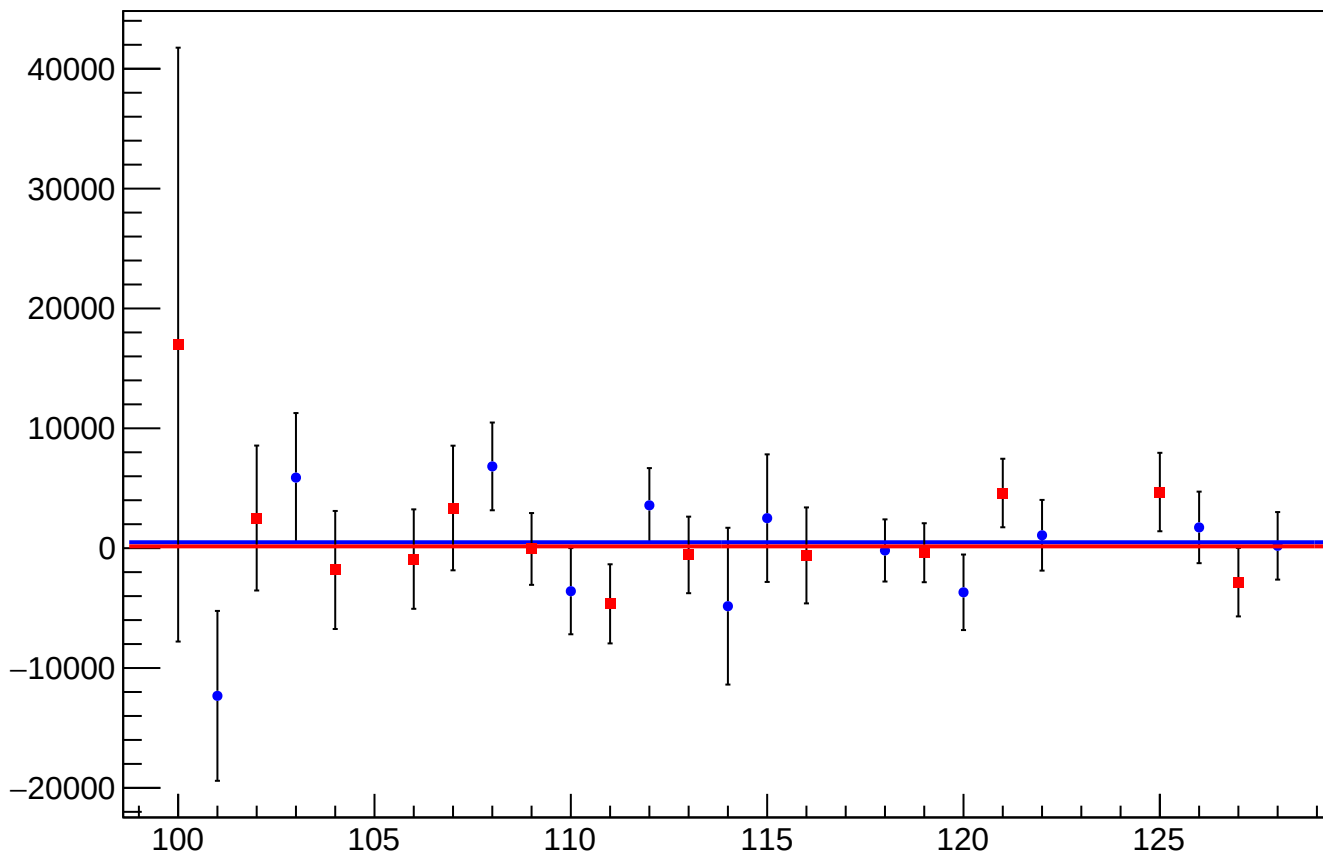
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 593.990+/-0.144 χ^2/NDF : 3249432.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 493.165+/-1014.682 χ^2/NDF : 12.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.396+/-984.188 χ^2/NDF : 8.9/12

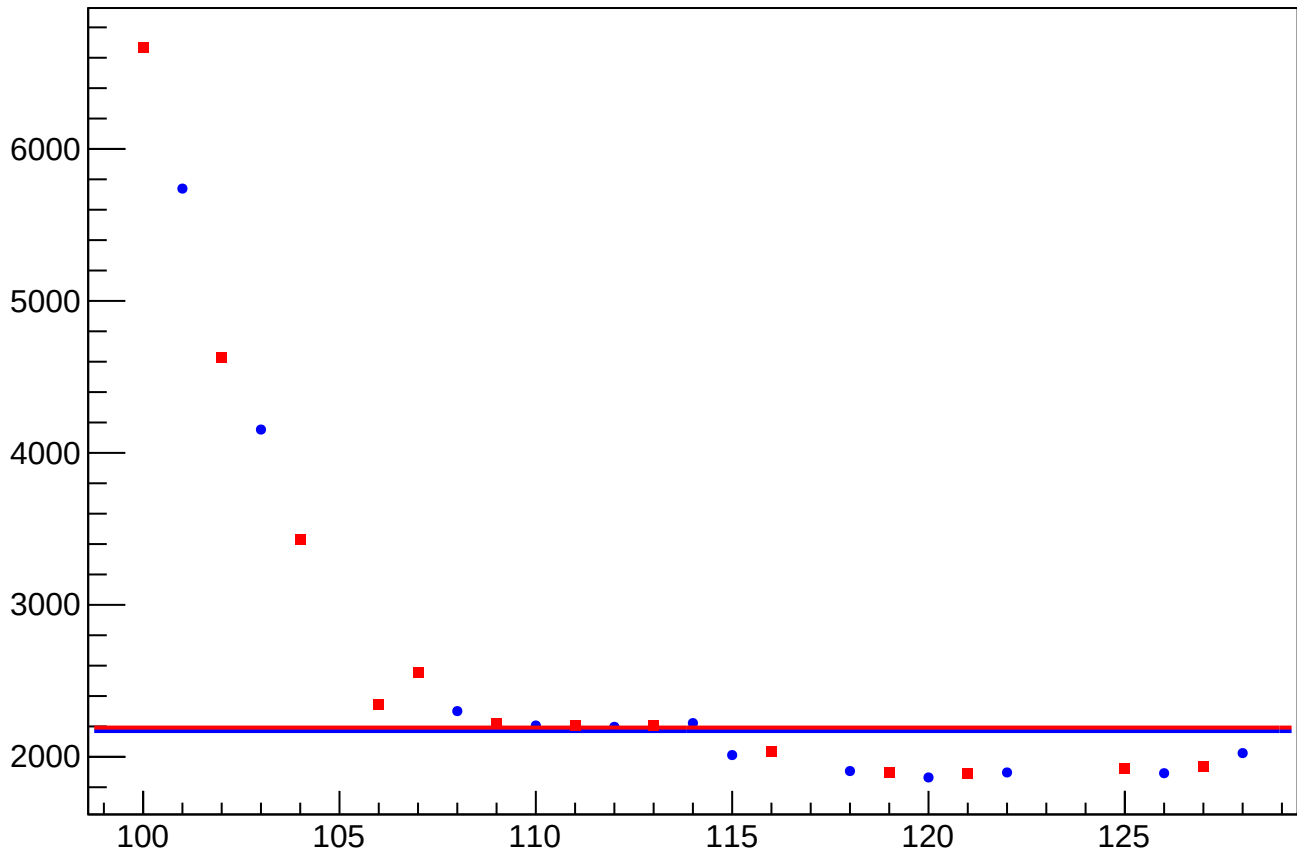
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 317.068+/-706.461 χ^2/NDF : 21.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 2169.603+/-0.717 χ^2/NDF : 862410.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2192.659+/-0.696 χ^2/NDF : 612531.8/12

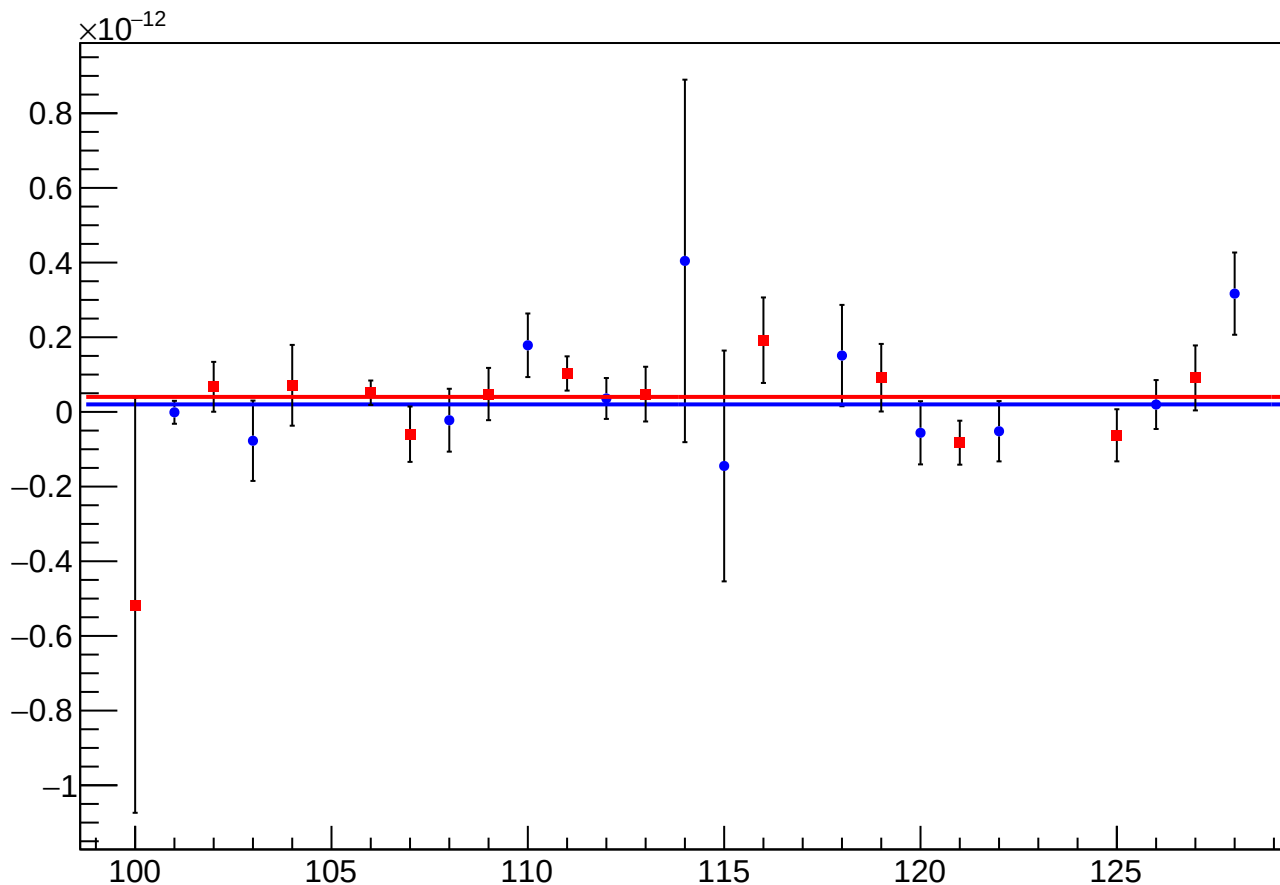
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2181.483+/-0.500 χ^2/NDF : 1475474.6/24

- 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 : 15.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.0/12

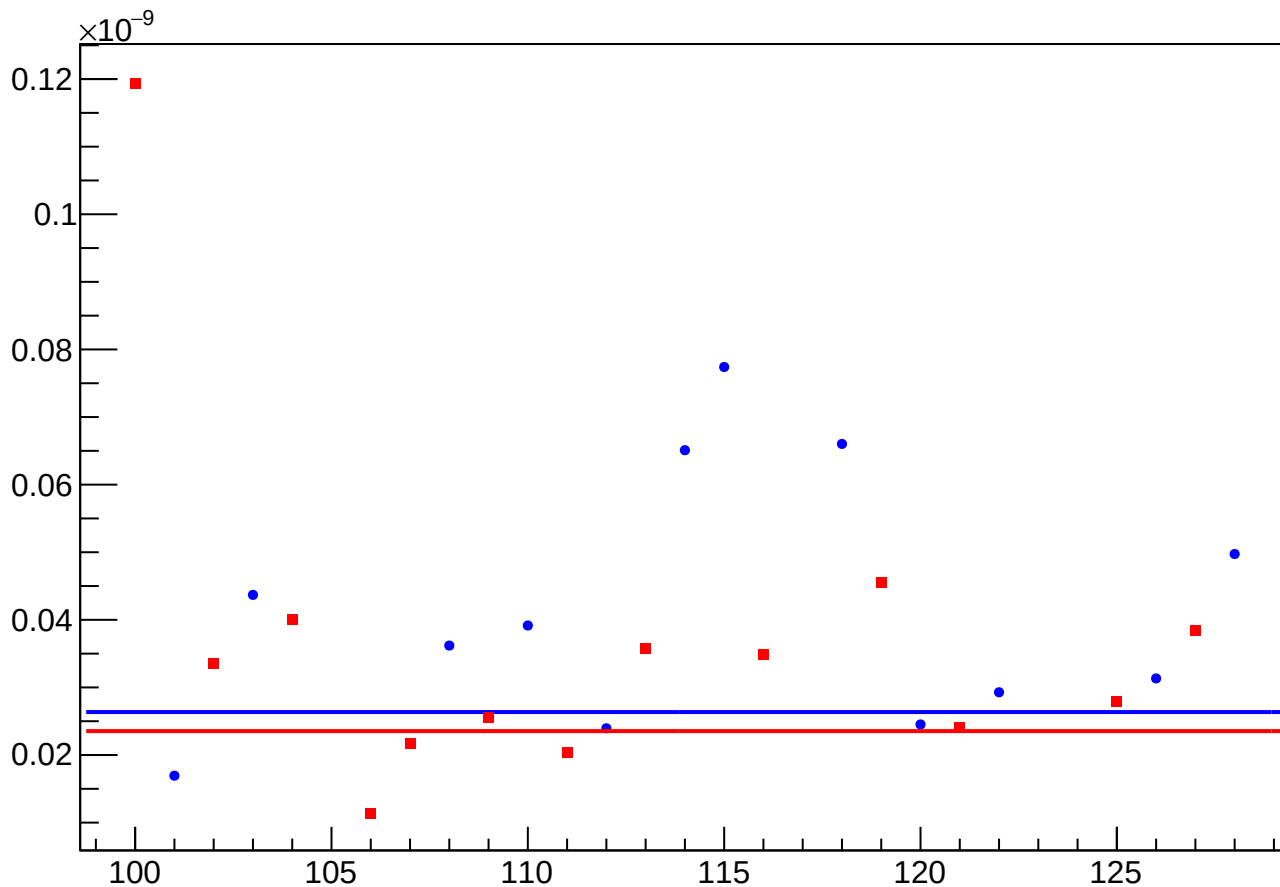
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.3/24

- 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 : 659639.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 700604.5/12

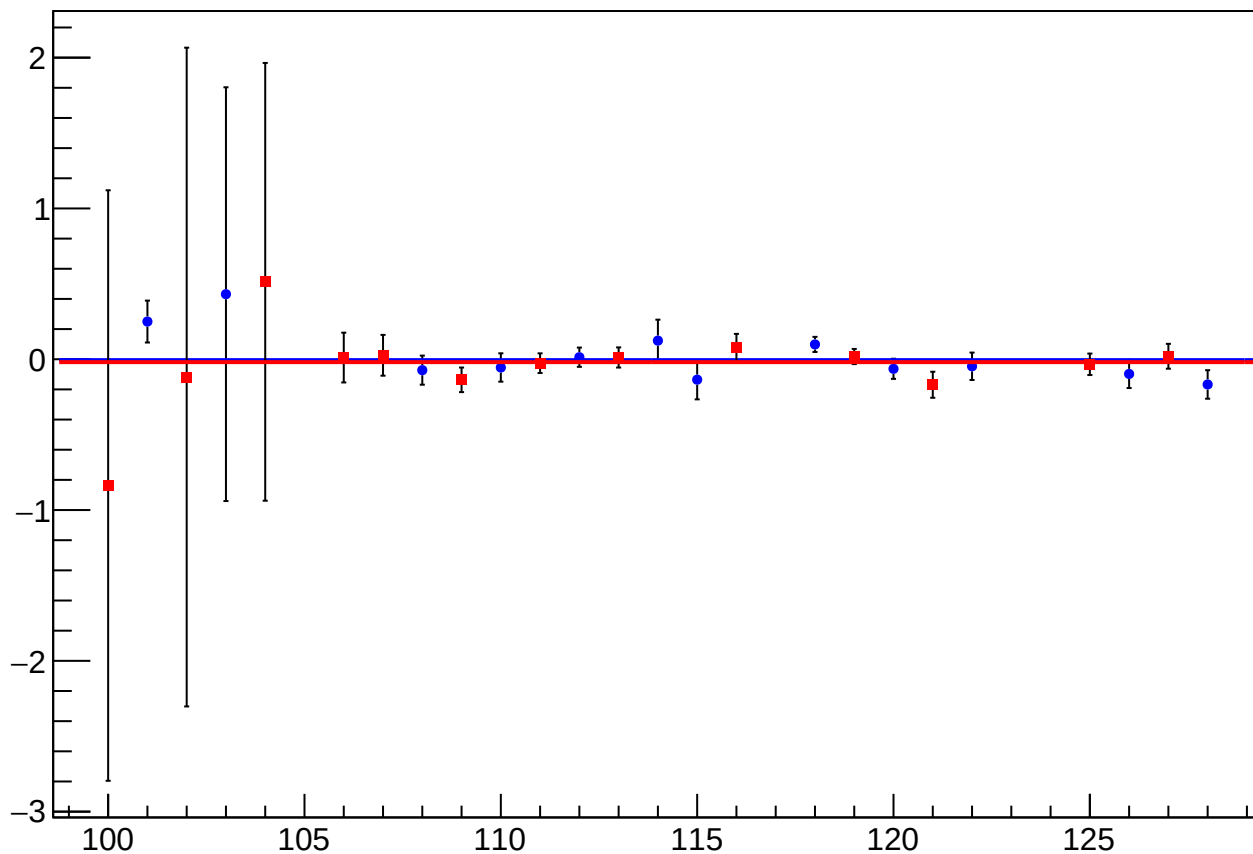
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1381933.6/24

- 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: -0.006 $\pm$ 0.025 χ^2 /NDF: 15.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.019 $\pm$ 0.024 χ^2 /NDF: 7.7/12

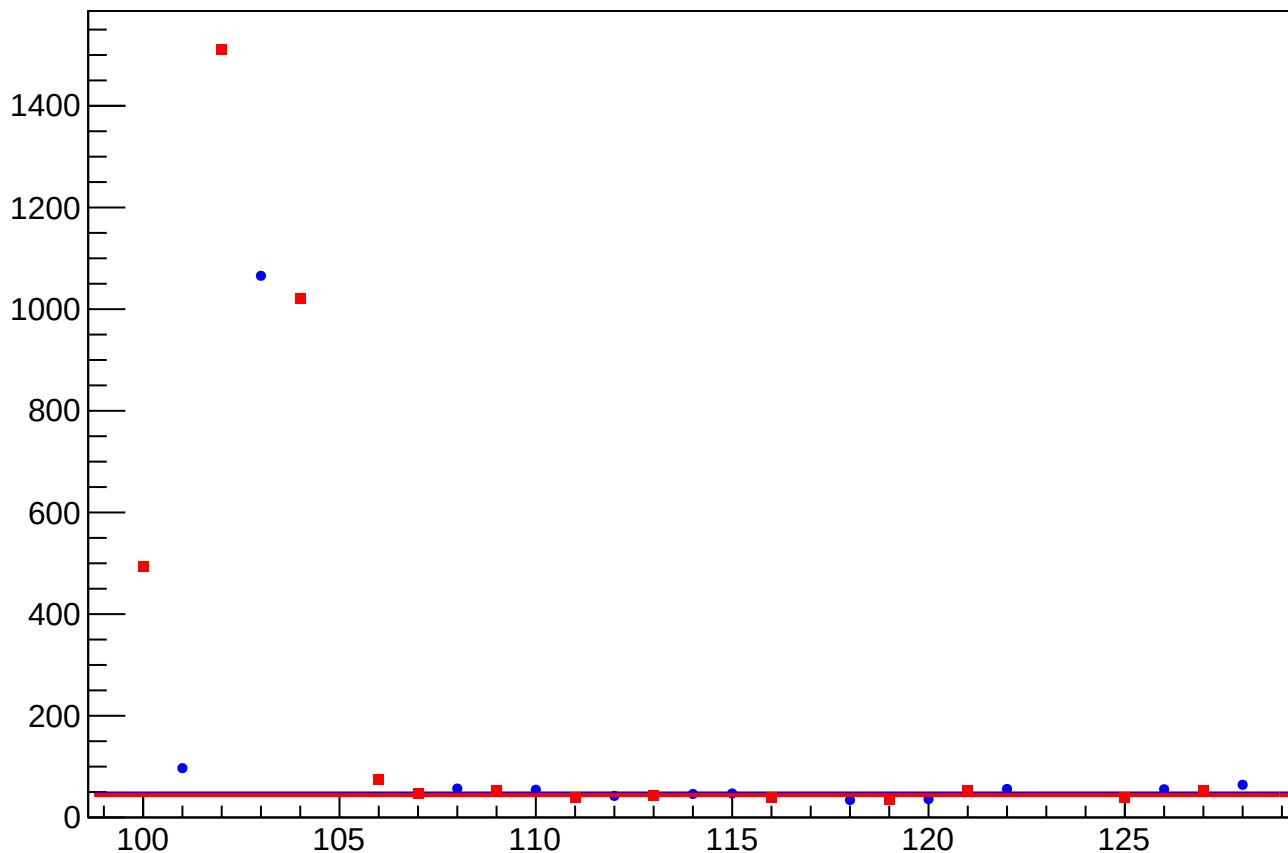
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.013 $\pm$ 0.017 χ^2 /NDF: 23.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_rms vs Slug



Right In: 47.208+/-0.018 χ^2/NDF : 1691893.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.924+/-0.017 χ^2/NDF : 2131168.7/12

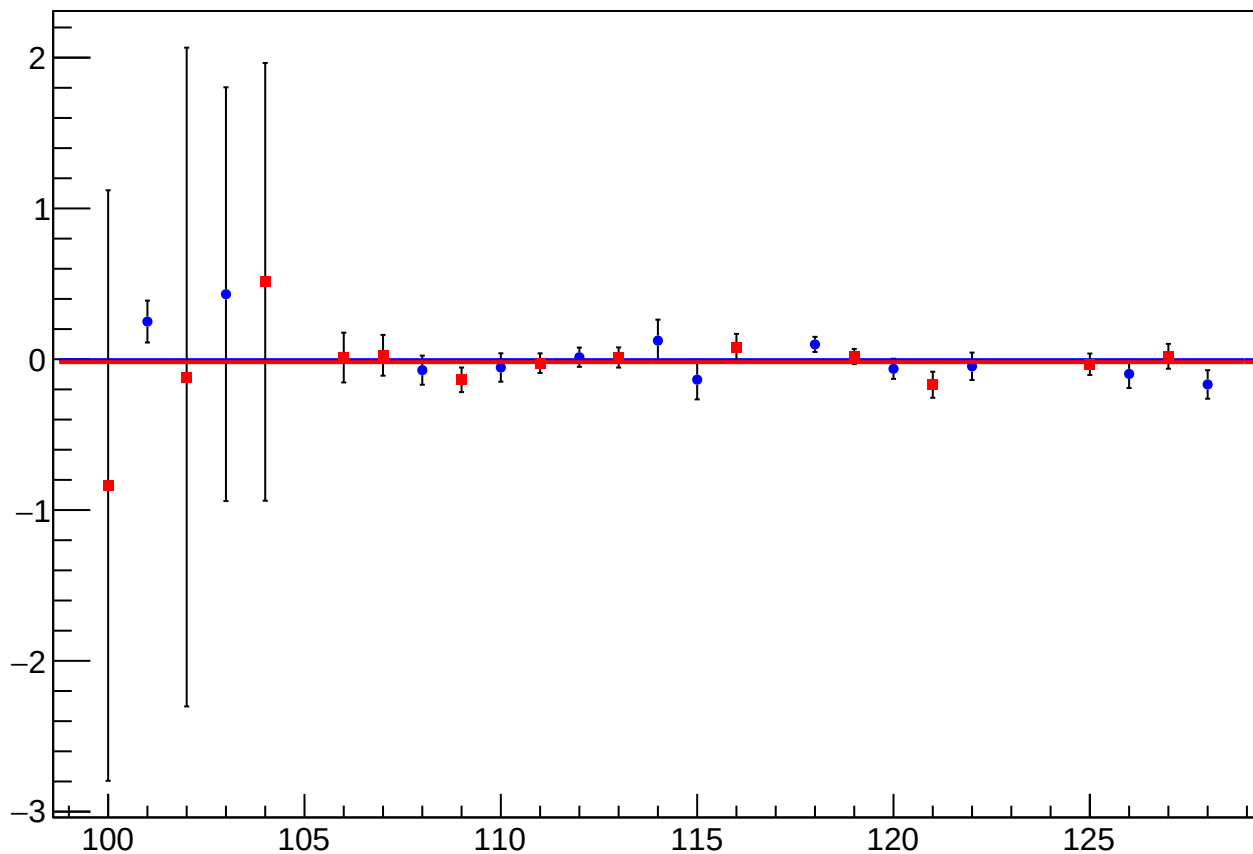
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.519+/-0.012 χ^2/NDF : 3840812.7/24

- 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: -0.006+/-0.025 χ^2/NDF : 15.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.019+/-0.024 χ^2/NDF : 7.7/12

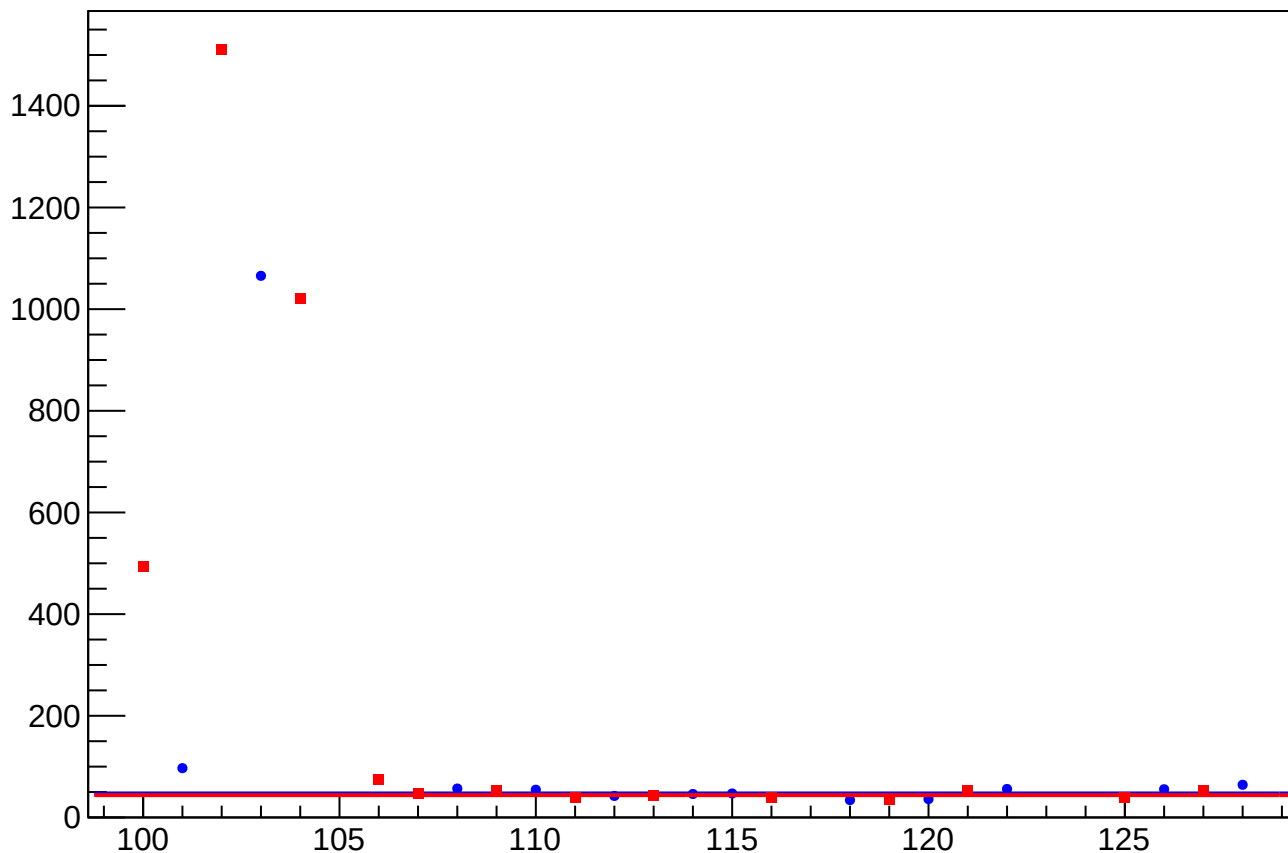
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.013+/-0.017 χ^2/NDF : 23.1/24

- 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: 47.208+/-0.018 χ^2/NDF : 1691893.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.924+/-0.017 χ^2/NDF : 2131168.7/12

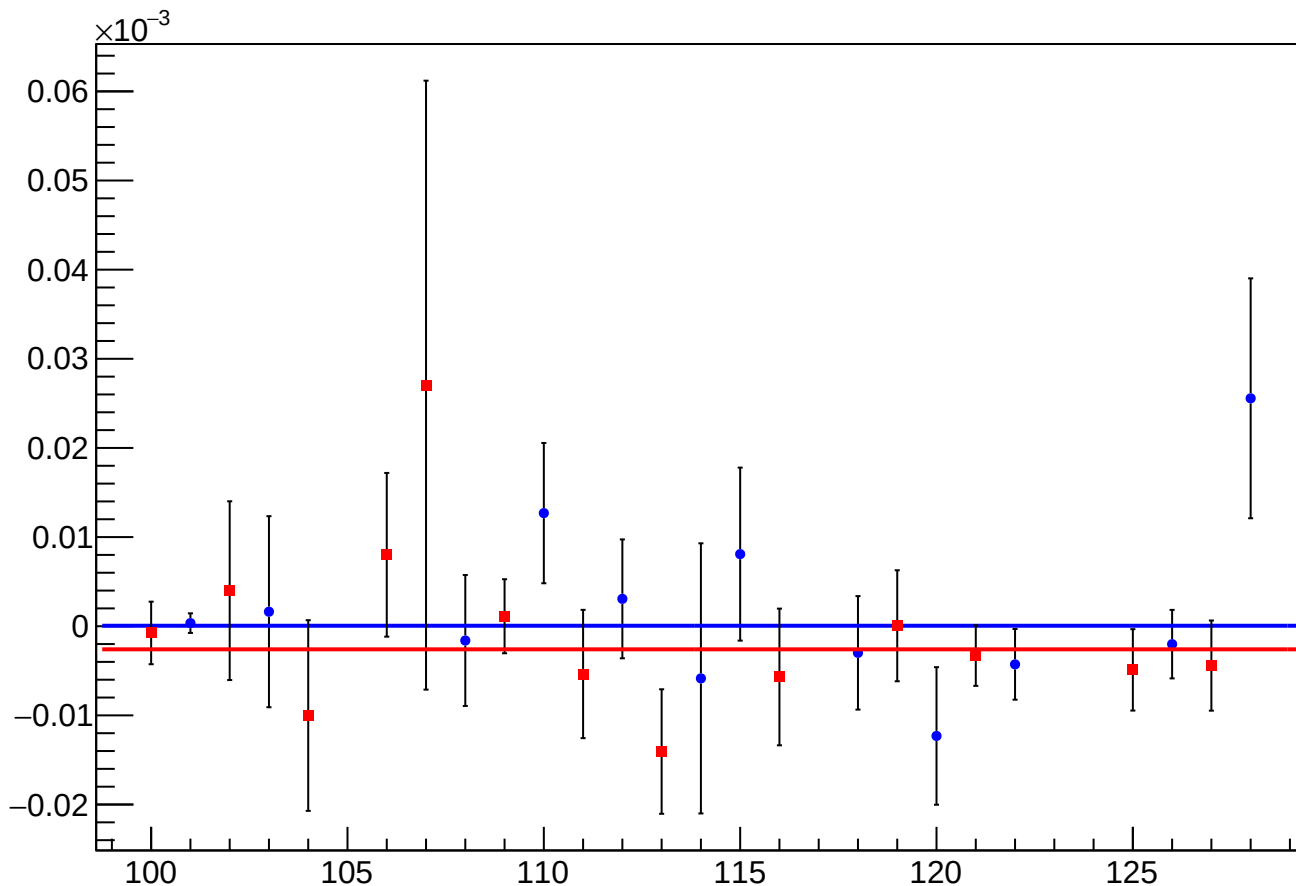
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.519+/-0.012 χ^2/NDF : 3840812.7/24

- 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 : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.7/12

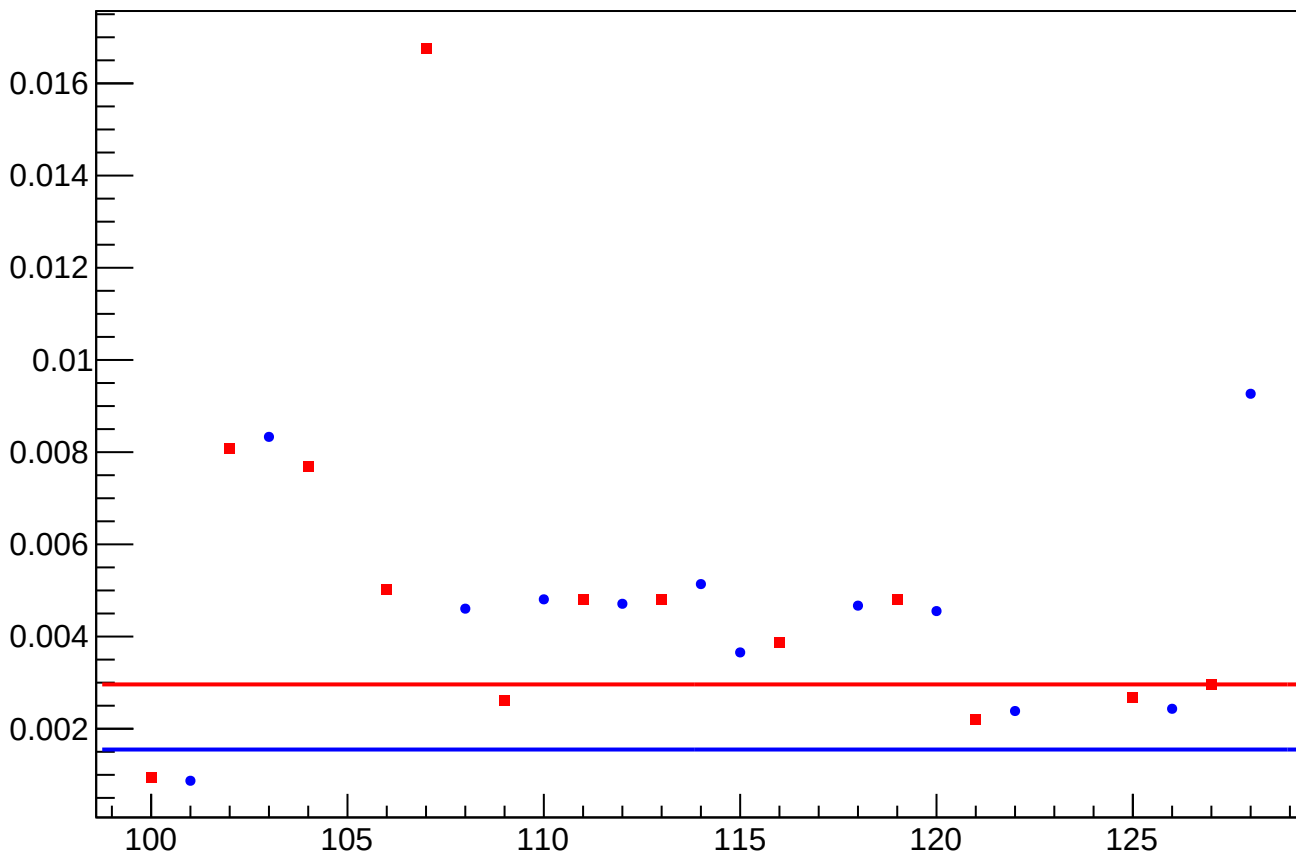
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.5/24

- 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 : 4542905.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2597187.4/12

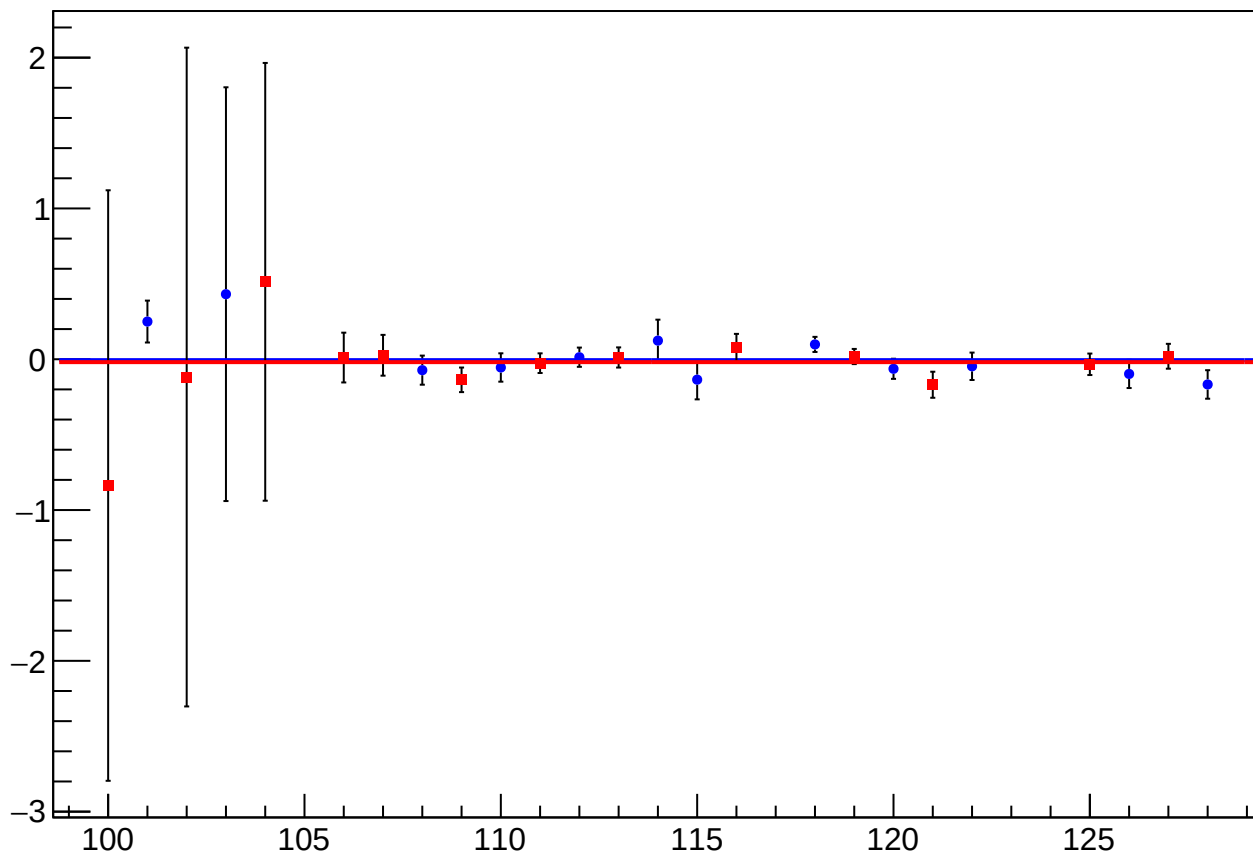
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 8363764.2/24

- 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: -0.006 ± 0.025 χ^2/NDF : 15.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.019 ± 0.024 χ^2/NDF : 7.7/12

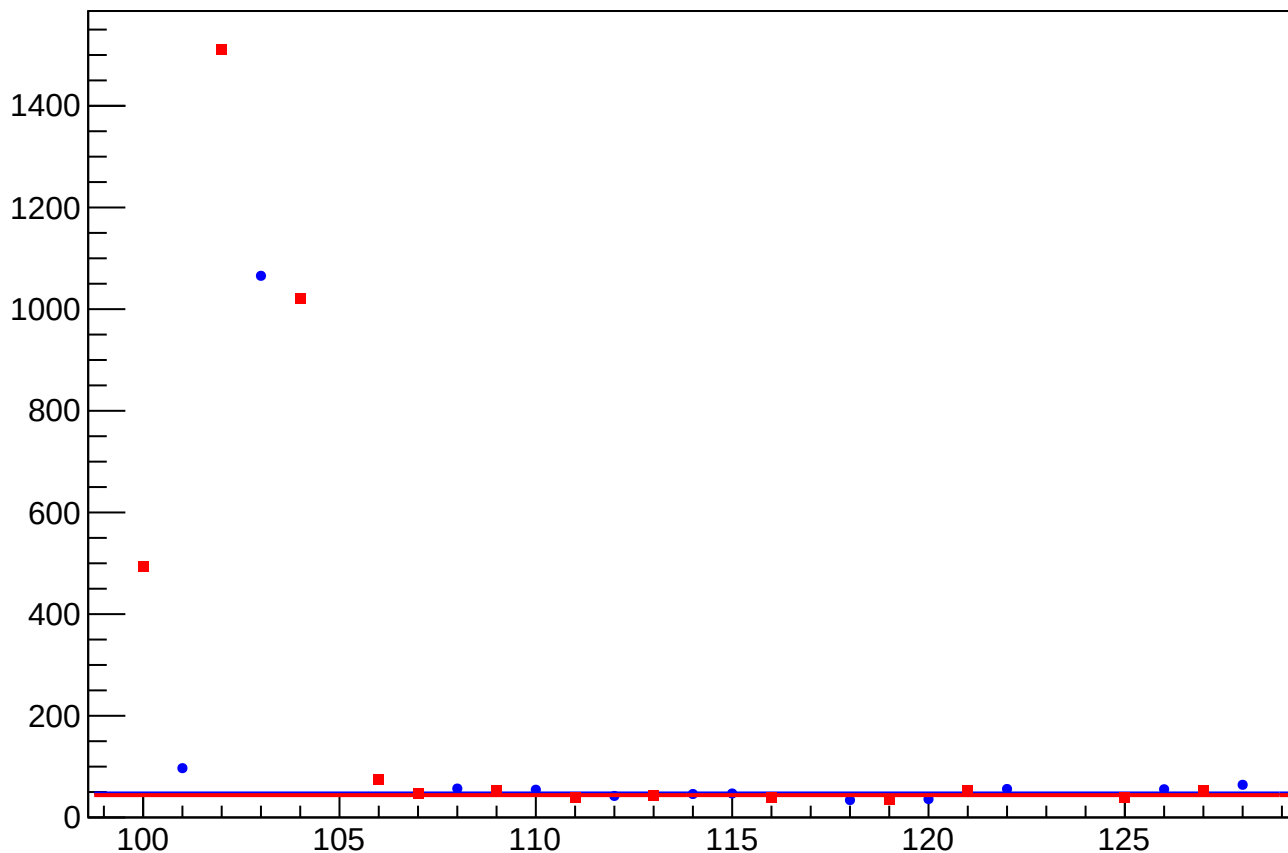
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.017 χ^2/NDF : 23.1/24

- 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: 47.209+/-0.018 χ^2/NDF : 1691838.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.923+/-0.017 χ^2/NDF : 2131203.0/12

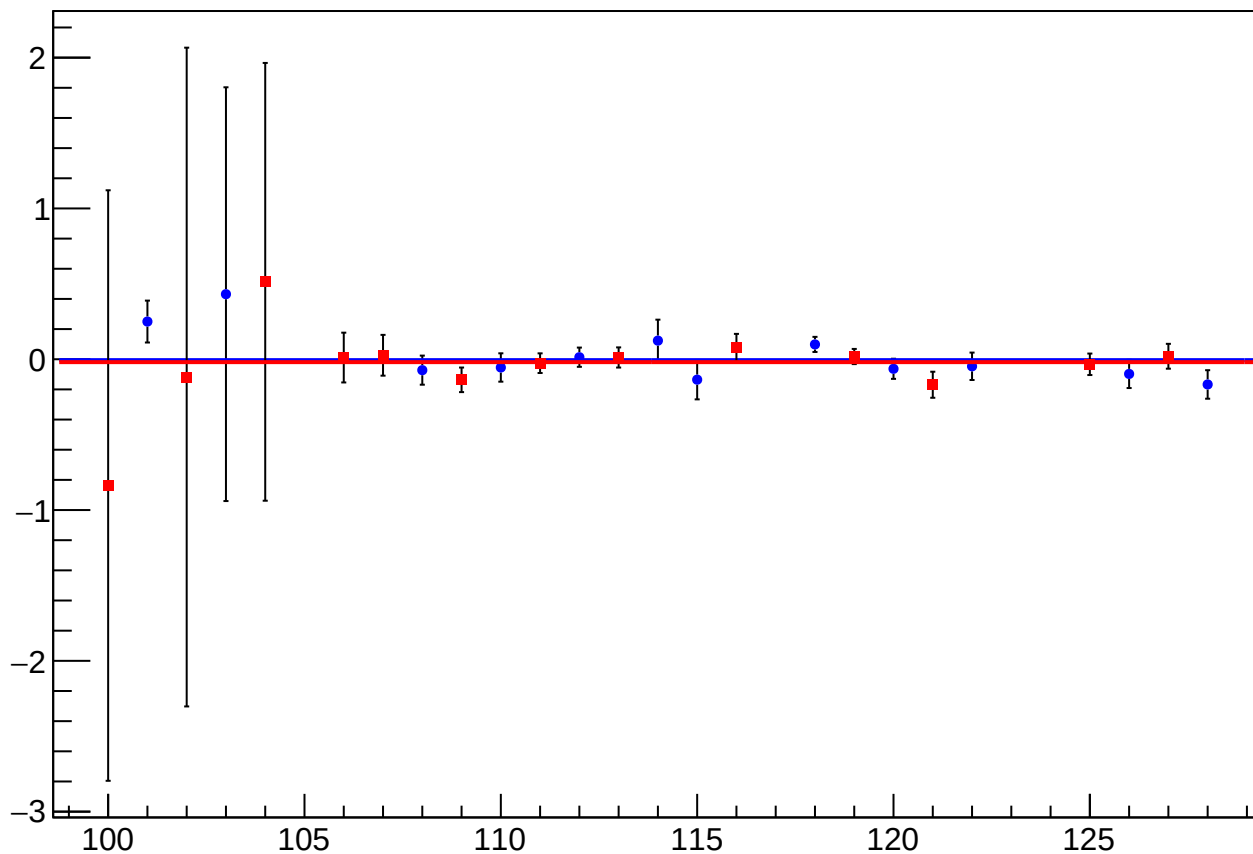
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.519+/-0.012 χ^2/NDF : 3840807.6/24

- 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: -0.006 $\pm$ 0.025 χ^2 /NDF: 15.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.019 $\pm$ 0.024 χ^2 /NDF: 7.7/12

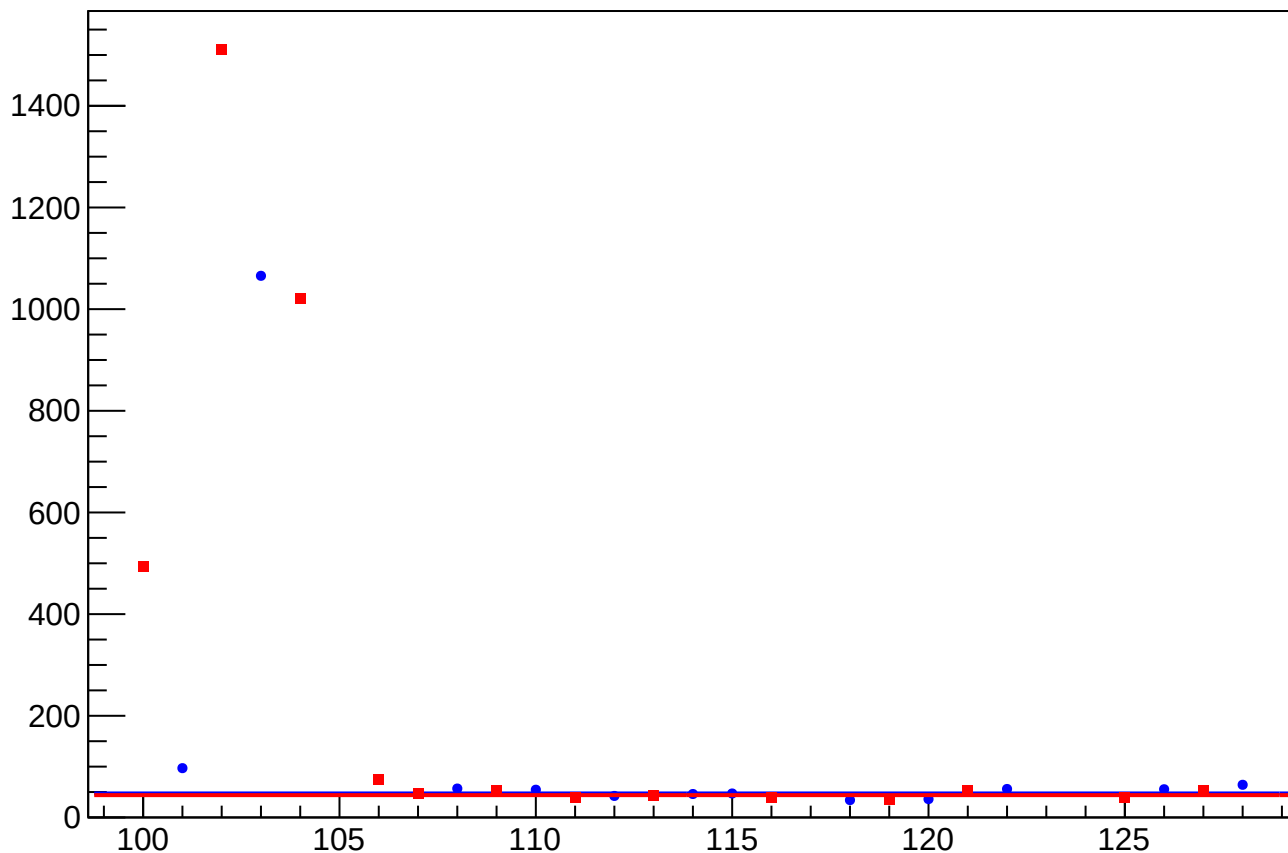
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.013 $\pm$ 0.017 χ^2 /NDF: 23.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 47.209+/-0.018 χ^2/NDF : 1691838.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.923+/-0.017 χ^2/NDF : 2131203.0/12

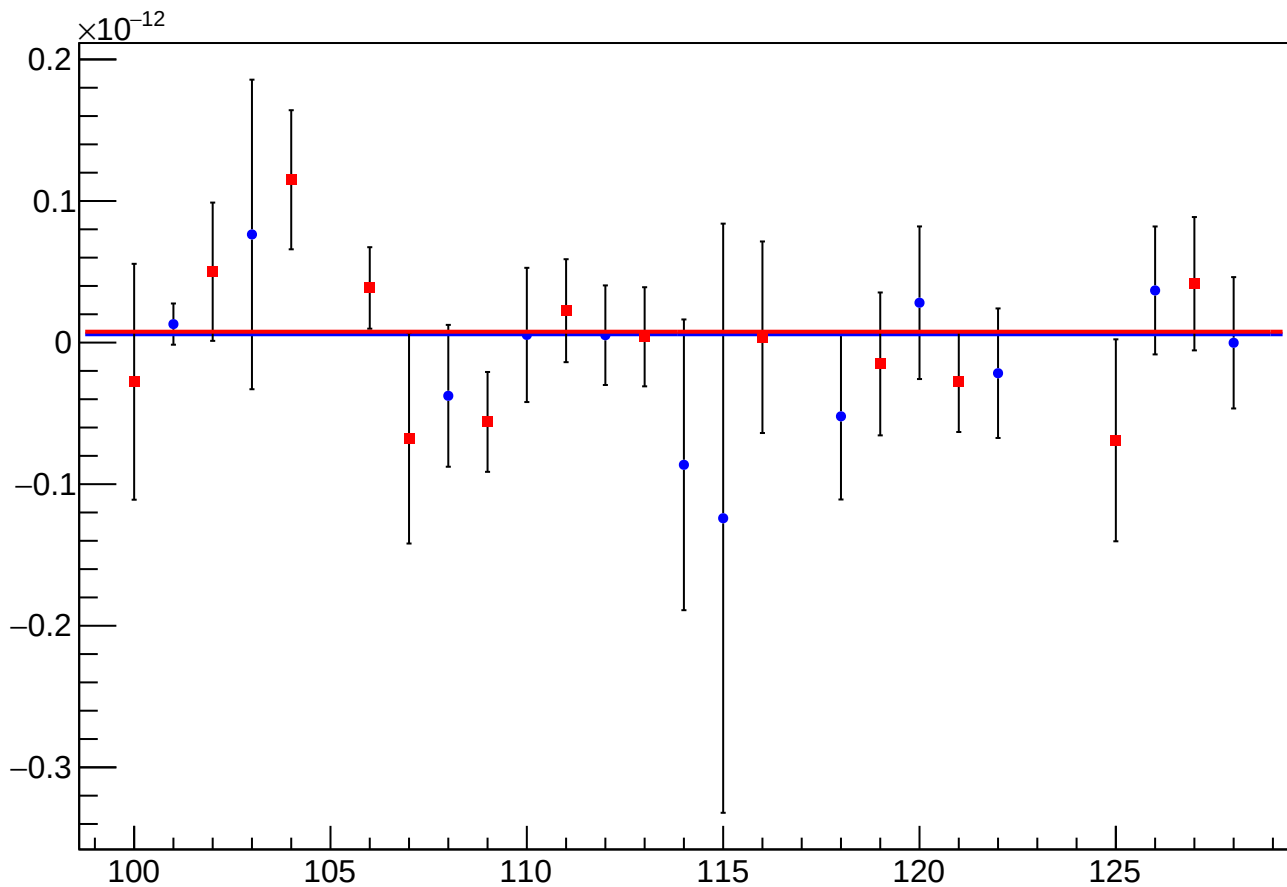
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.519+/-0.012 χ^2/NDF : 3840807.6/24

- 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: 4.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.2/12

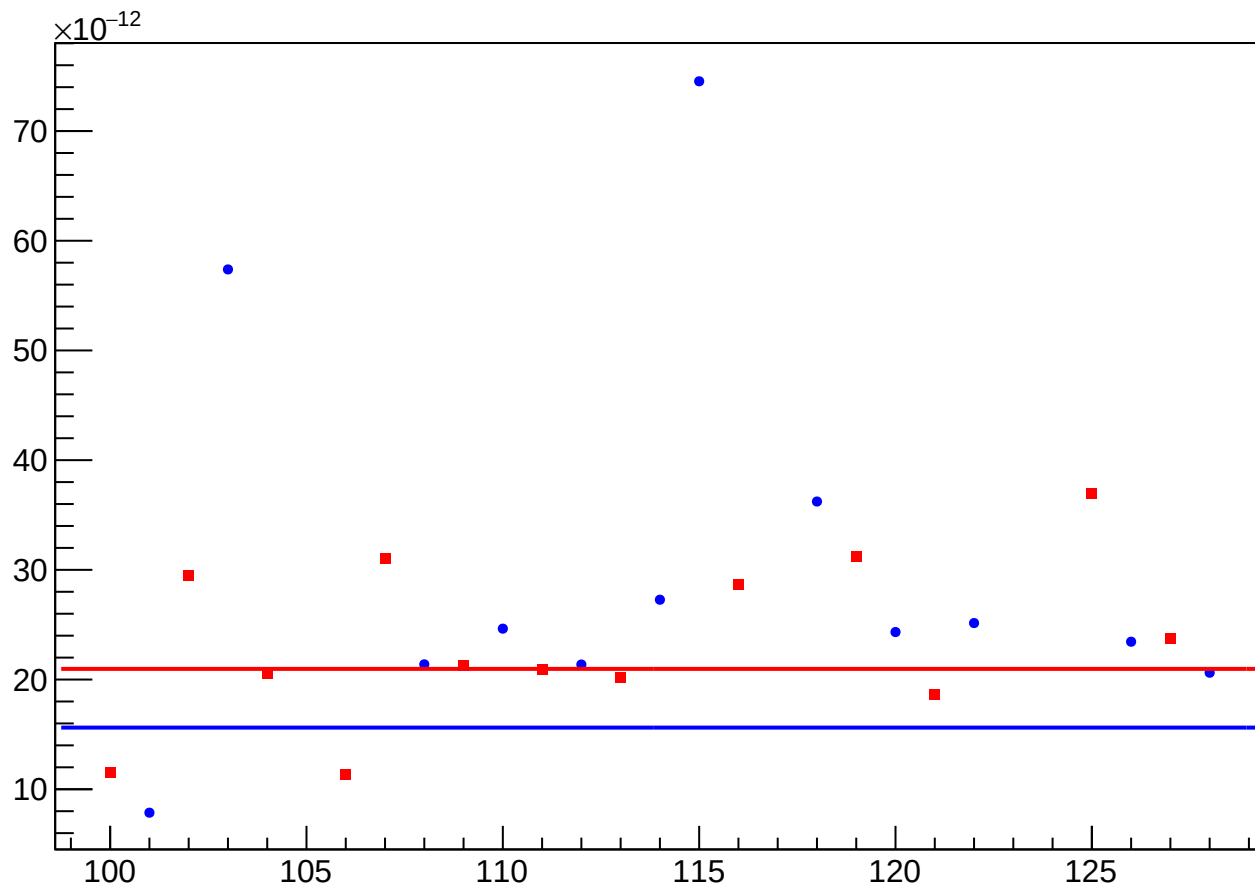
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.8/24

- 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 : 1666900.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 571714.1/12

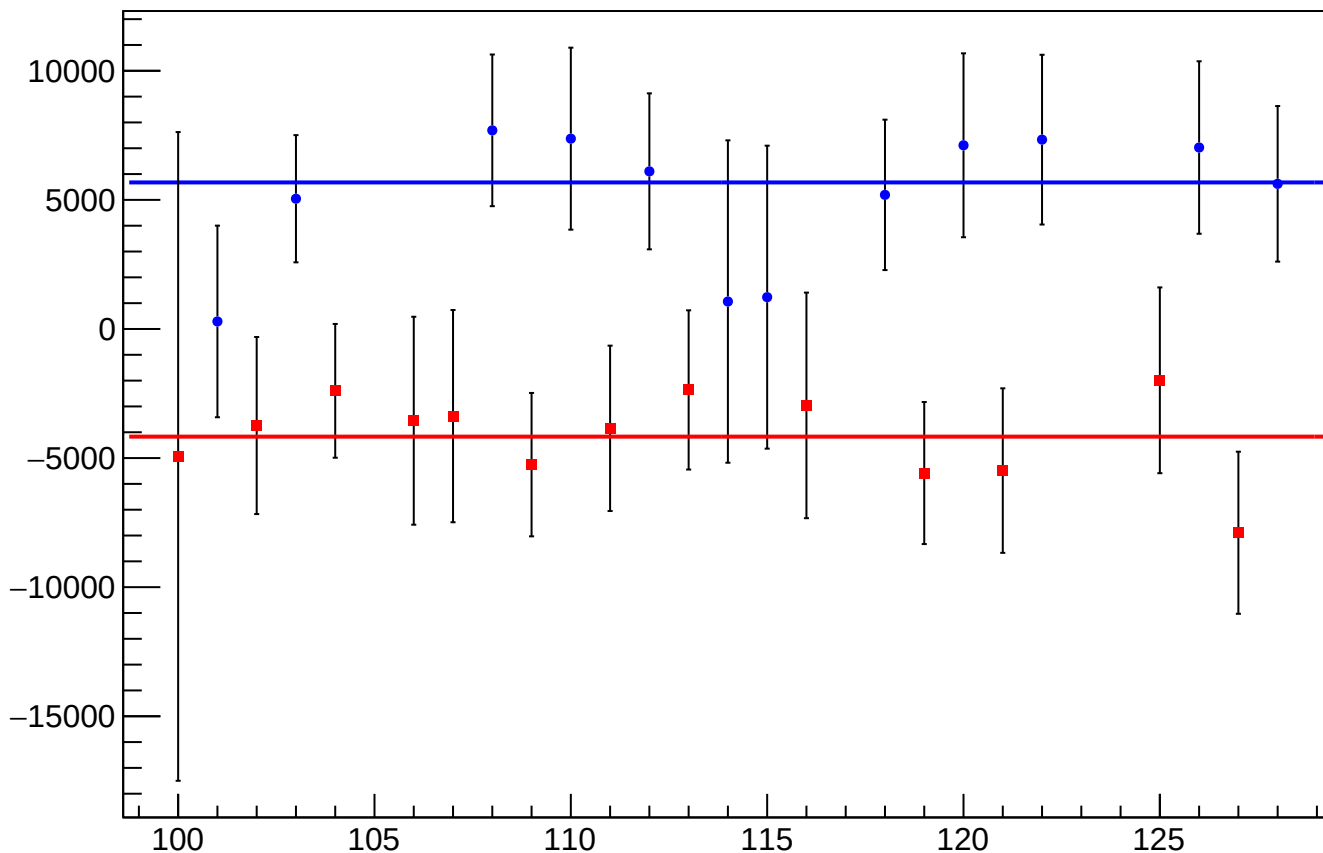
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2456652.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 5676.243+/-959.091 χ^2 /NDF: 4.6/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -4169.582+/-930.334 χ^2 /NDF: 3.3/12

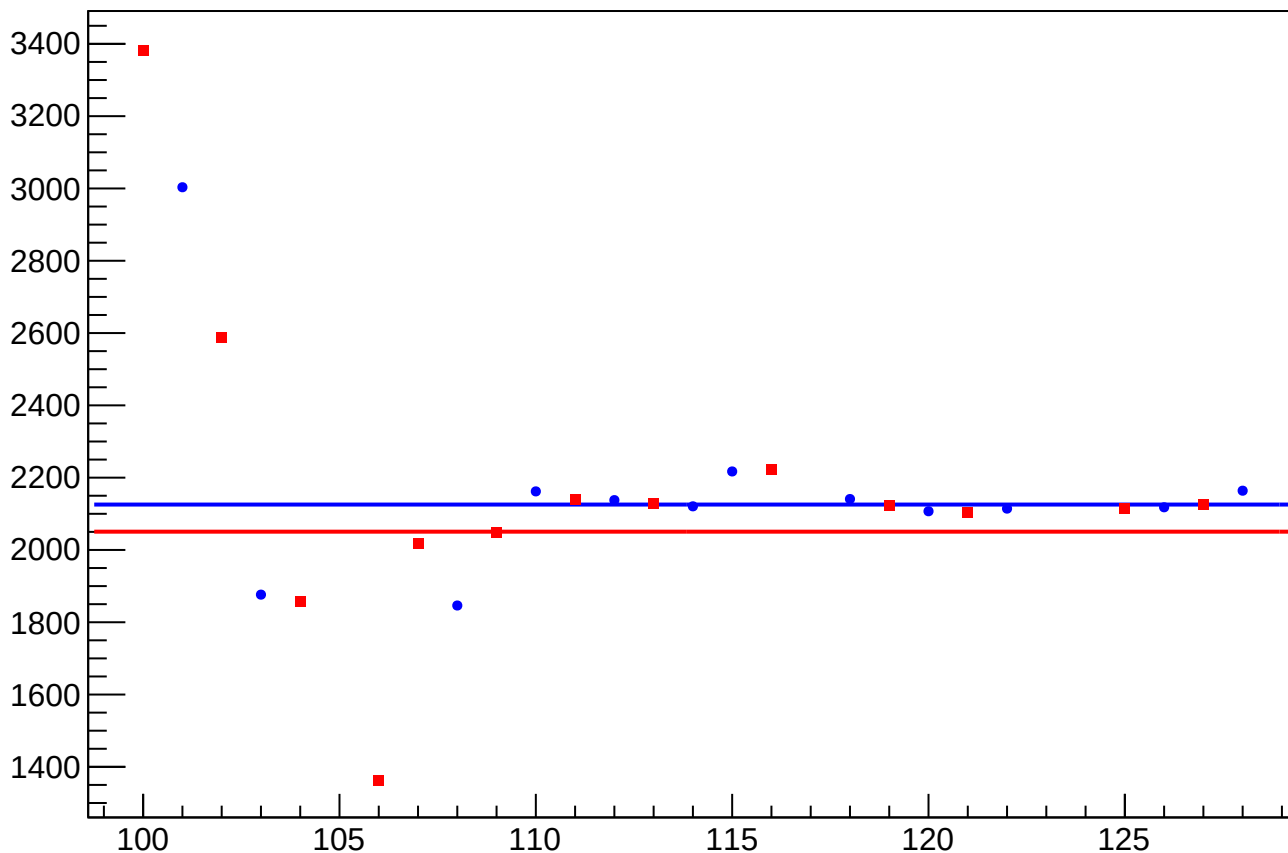
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 603.510+/-667.780 χ^2 /NDF: 62.3/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2125.573+/-0.678 χ^2/NDF : 151653.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

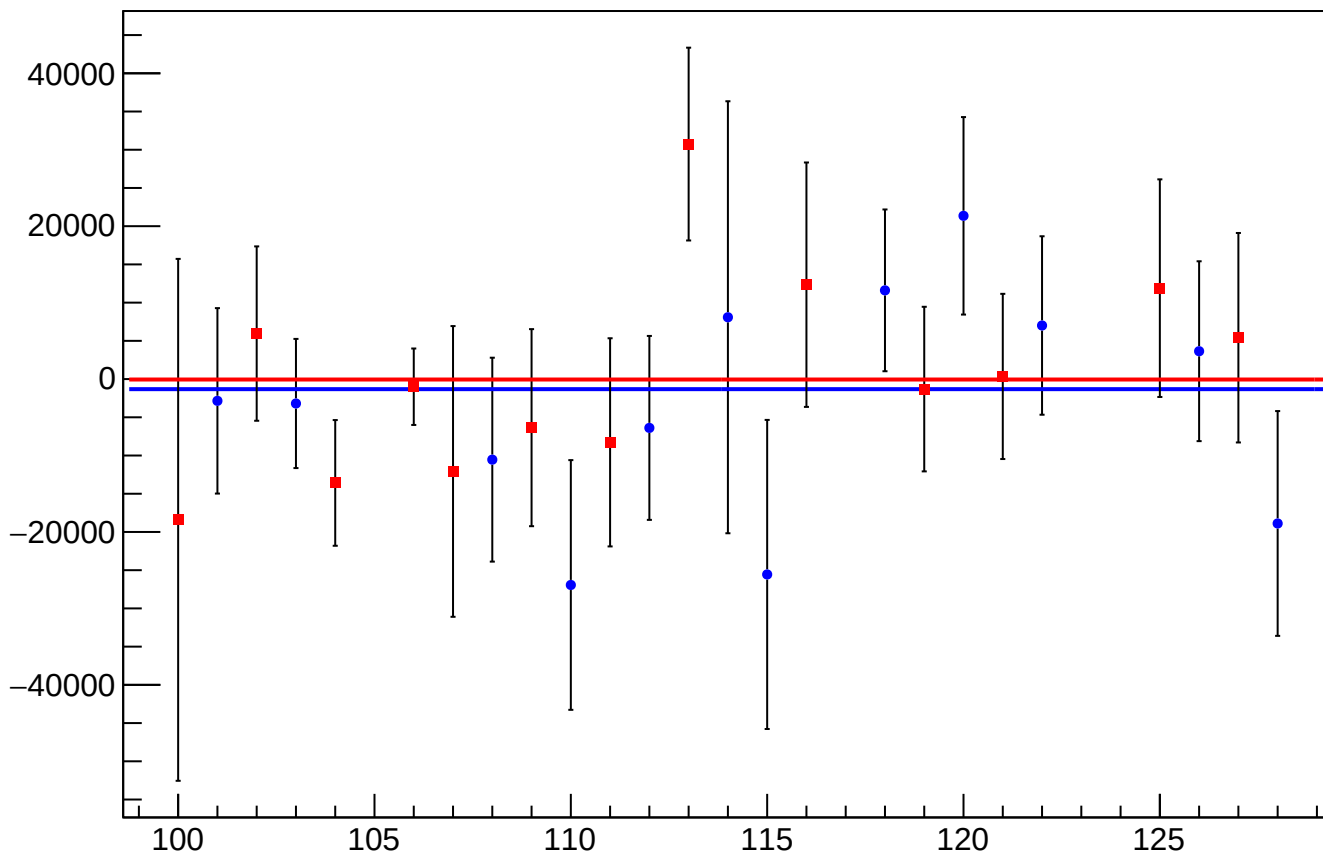
Right Out: 2050.575+/-0.644 χ^2/NDF : 197647.9/12

All: 2086.144+/-0.467 χ^2/NDF : 355730.6/24

- 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_correction_mean vs Slug



Right In: -1318.772+/-3653.757 χ^2 /NDF: 11.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -57.261+/-2946.593 χ^2 /NDF: 11.8/12

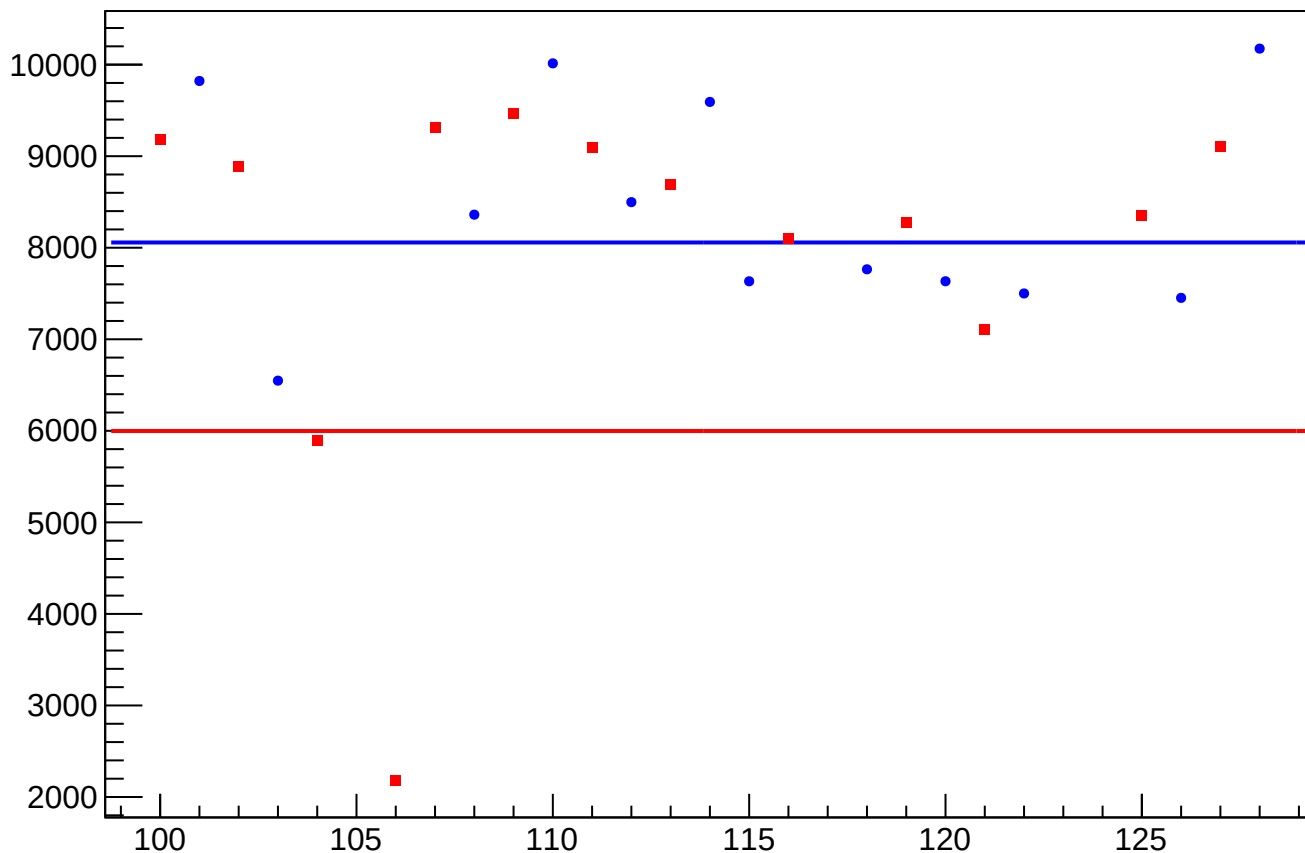
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -554.392+/-2293.662 χ^2 /NDF: 23.2/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_reg_correction_rms vs Slug



Right In: 8057.326+/-2.584 χ^2/NDF : 200375.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

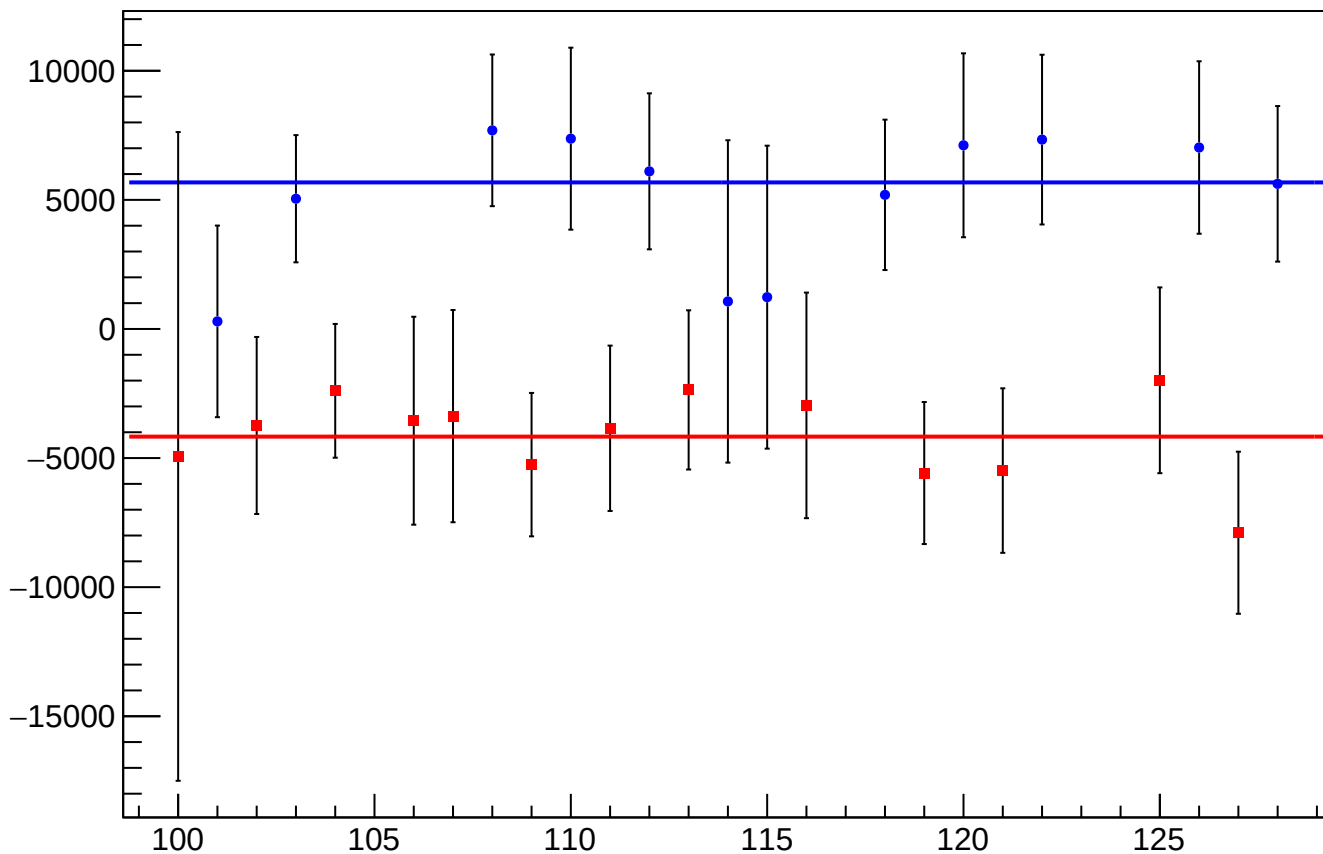
Right Out: 5997.998+/-2.084 χ^2/NDF : 2015614.2/12

All: 6809.529+/-1.622 χ^2/NDF : 2600953.8/24

- 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: 5676.536 $\pm$ 959.091 χ^2 /NDF: 4.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4169.282 $\pm$ 930.334 χ^2 /NDF: 3.3/12

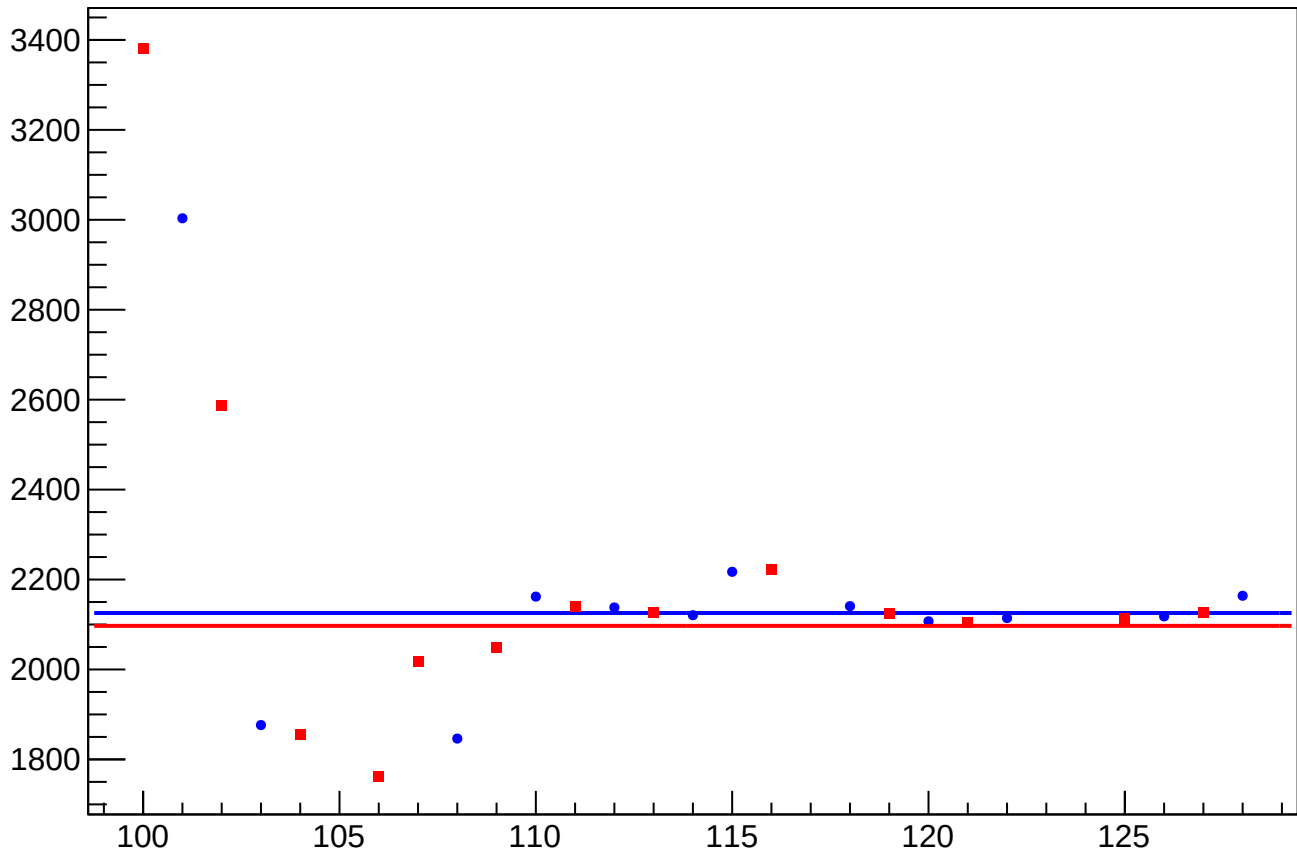
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 603.806 $\pm$ 667.780 χ^2 /NDF: 62.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2125.573+/-0.678 χ^2/NDF : 151653.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

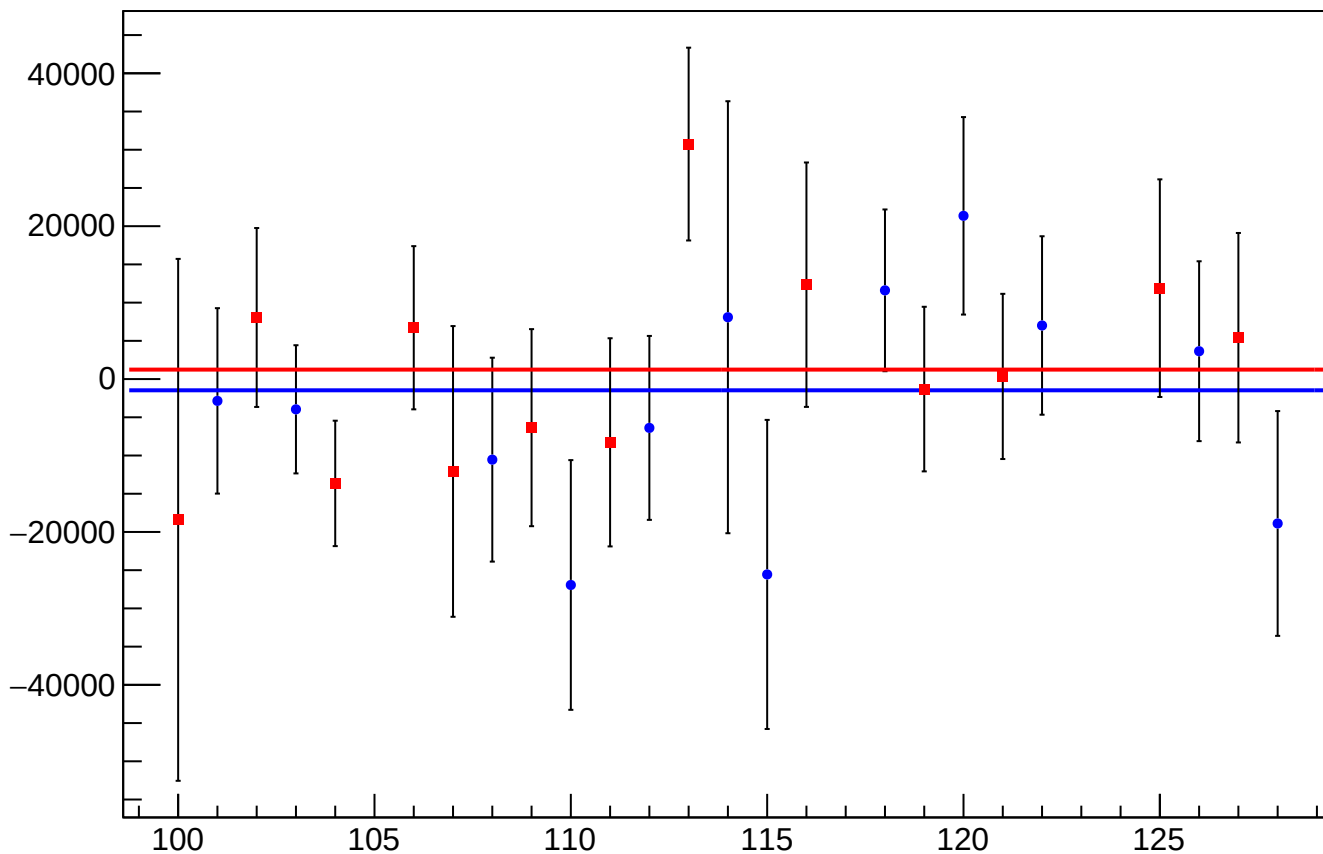
Right Out: 2096.958+/-0.654 χ^2/NDF : 100297.2/12

All: 2110.736+/-0.471 χ^2/NDF : 252873.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_cor_correction_mean vs Slug



Right In: -1468.804+/-3648.507 χ^2 /NDF: 11.5/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1238.561+/-3457.894 χ^2 /NDF: 12.2/12

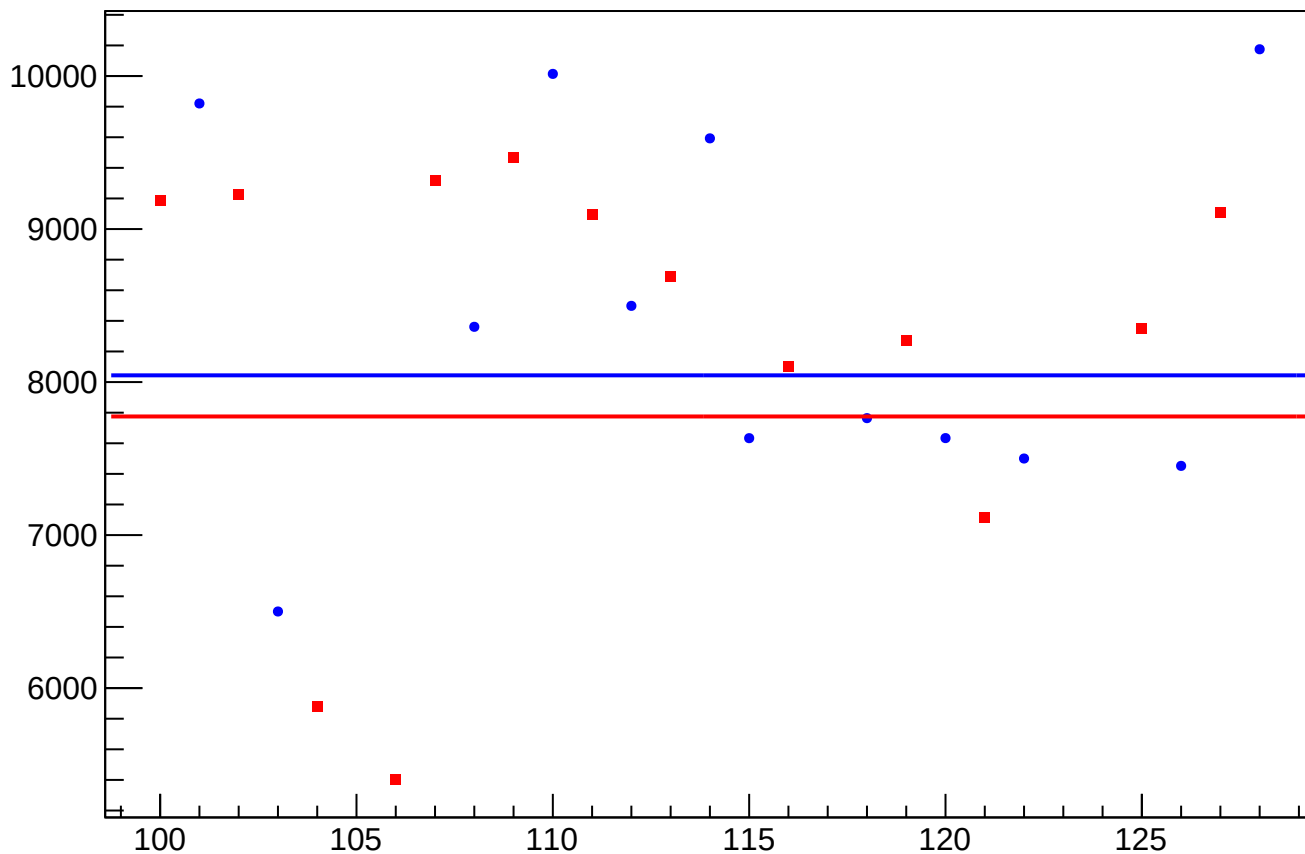
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -42.555+/-2509.782 χ^2 /NDF: 24.0/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_cor_correction_rms vs Slug



Right In: 8043.998+/-2.580 χ^2/NDF : 205422.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

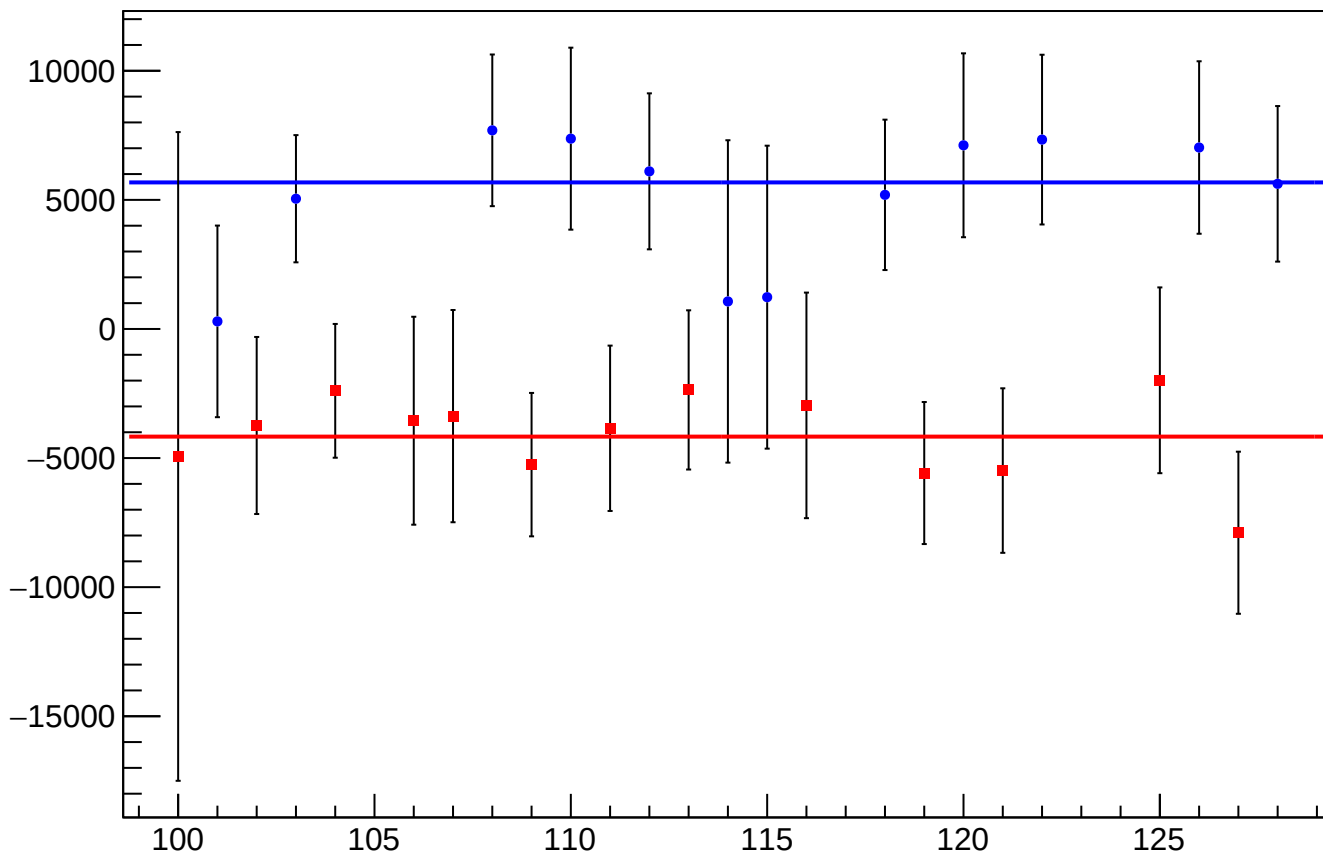
Right Out: 7775.214+/-2.445 χ^2/NDF : 351872.1/12

All: 7902.402+/-1.775 χ^2/NDF : 563013.0/24

- 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: 5676.536 $\pm$ 959.091 χ^2 /NDF: 4.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4169.282 $\pm$ 930.334 χ^2 /NDF: 3.3/12

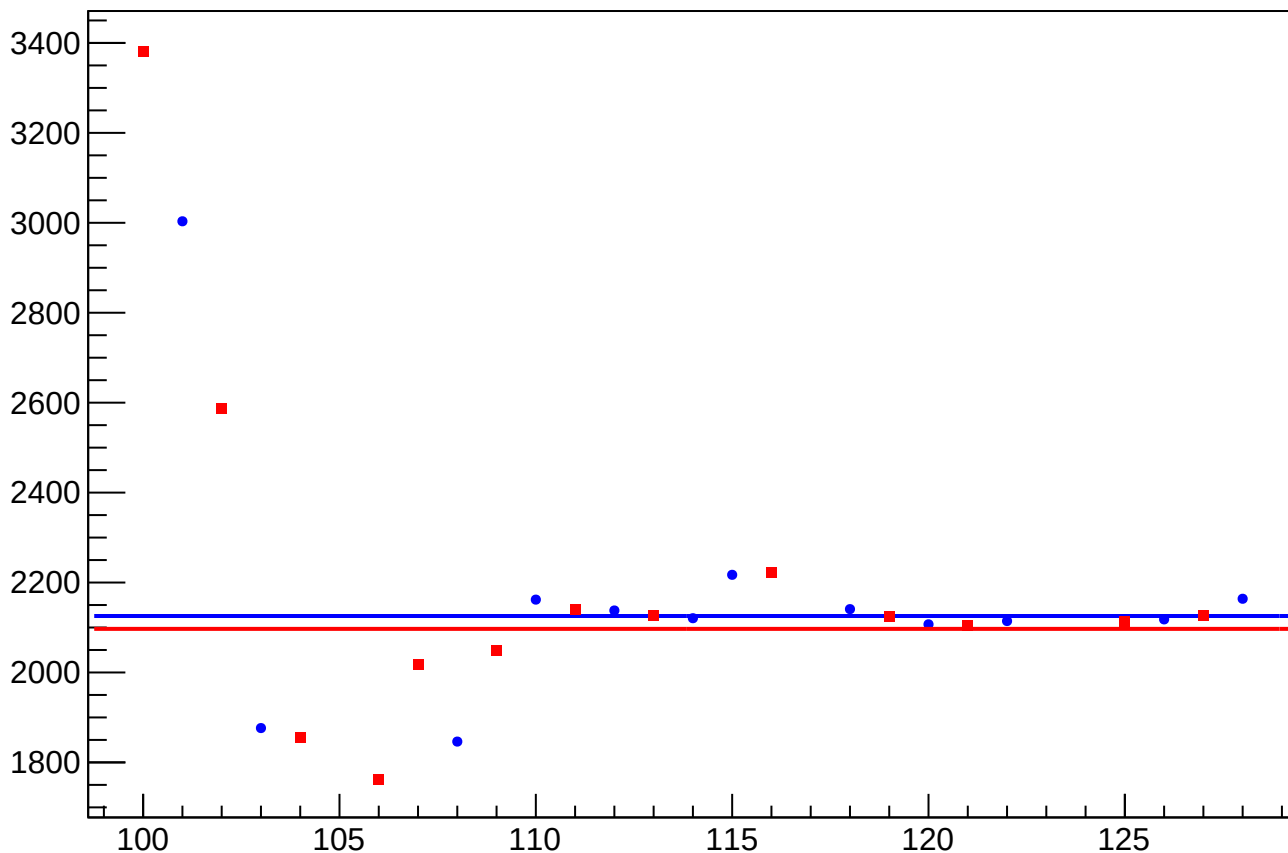
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 603.806 $\pm$ 667.780 χ^2 /NDF: 62.3/24

- 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: 2125.573+/-0.678 χ^2/NDF : 151653.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2096.958+/-0.654 χ^2/NDF : 100297.2/12

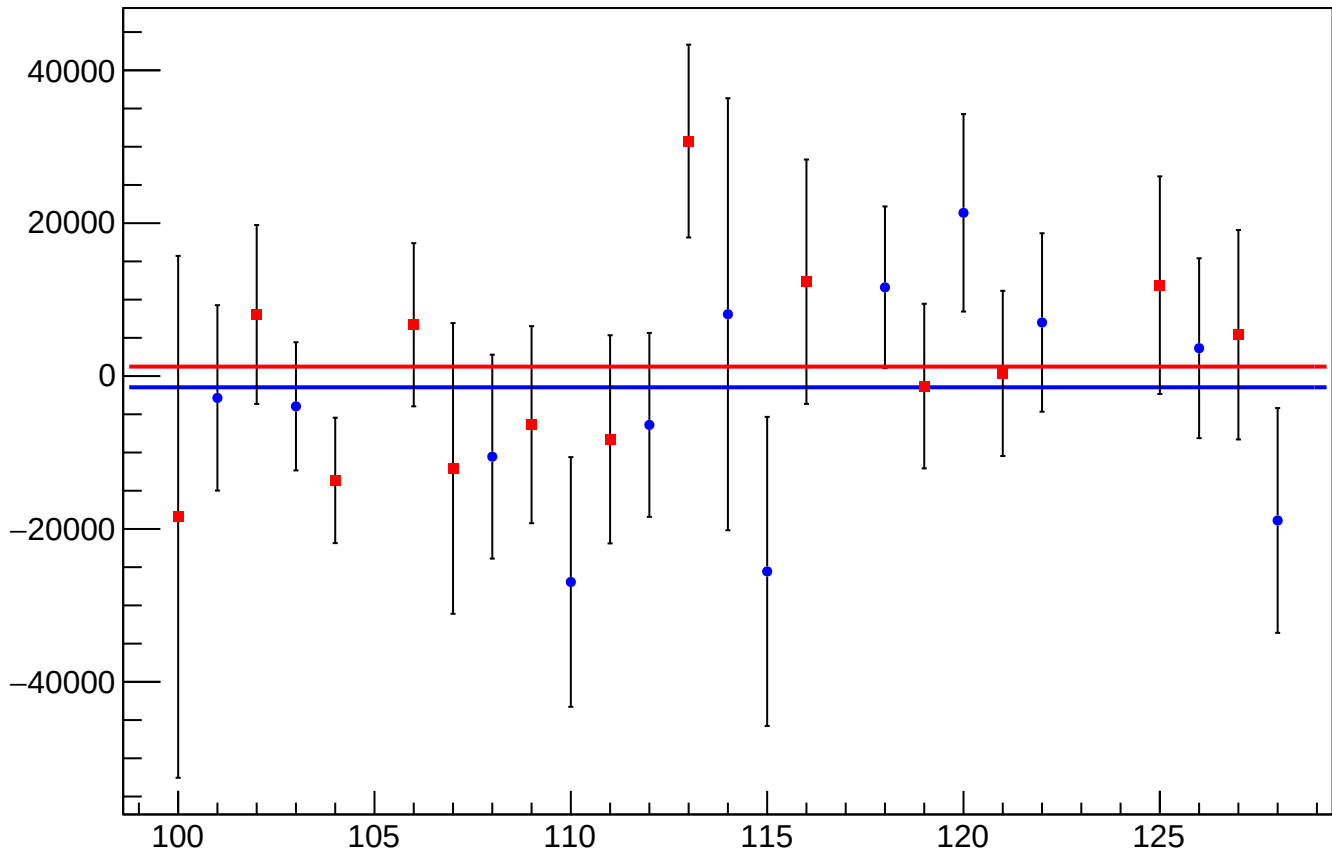
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2110.736+/-0.471 χ^2/NDF : 252873.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_mean vs Slug



Right In: -1468.804+/-3648.507 χ^2/NDF : 11.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1238.561+/-3457.894 χ^2/NDF : 12.2/12

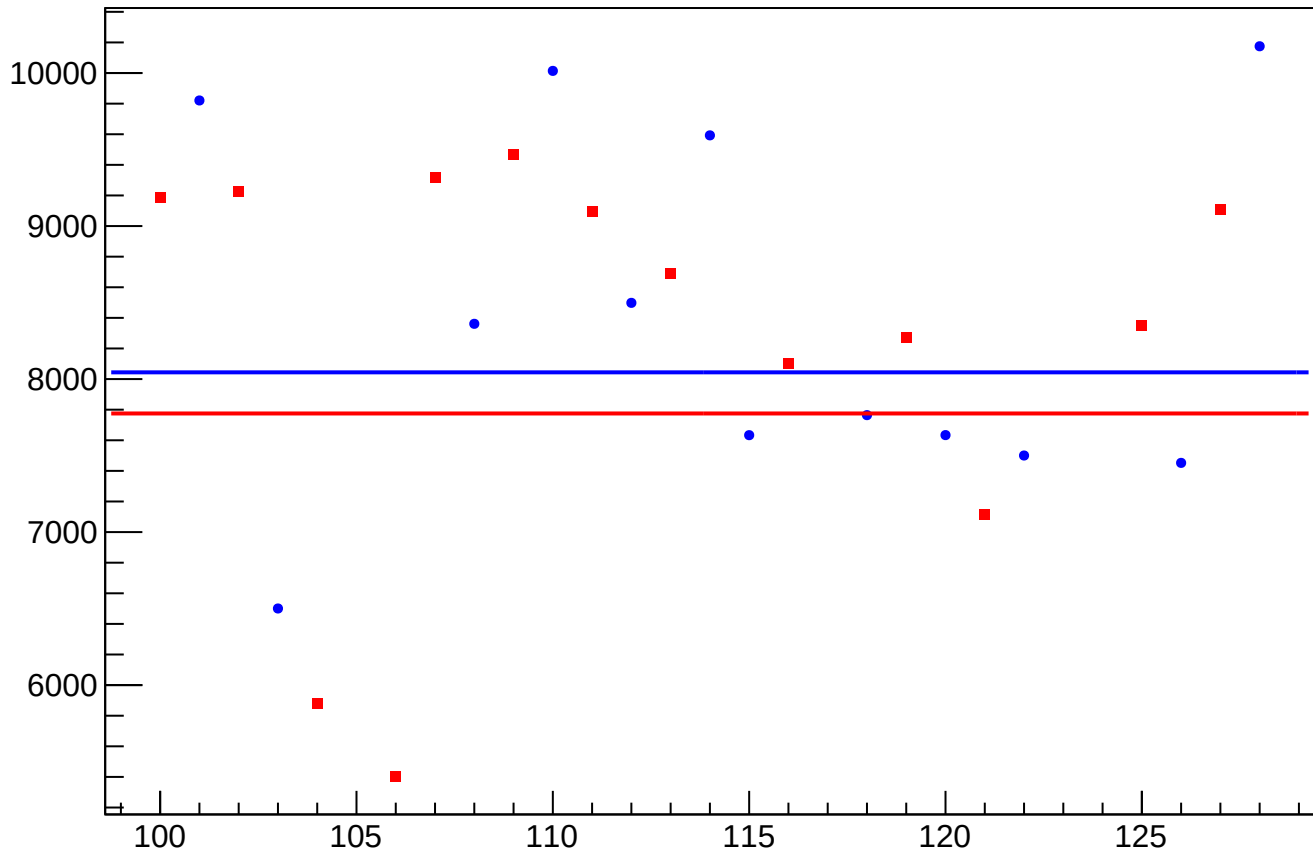
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.555+/-2509.782 χ^2/NDF : 24.0/24

- 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: 8043.998+/-2.580 χ^2/NDF : 205422.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7775.214+/-2.445 χ^2/NDF : 351872.1/12

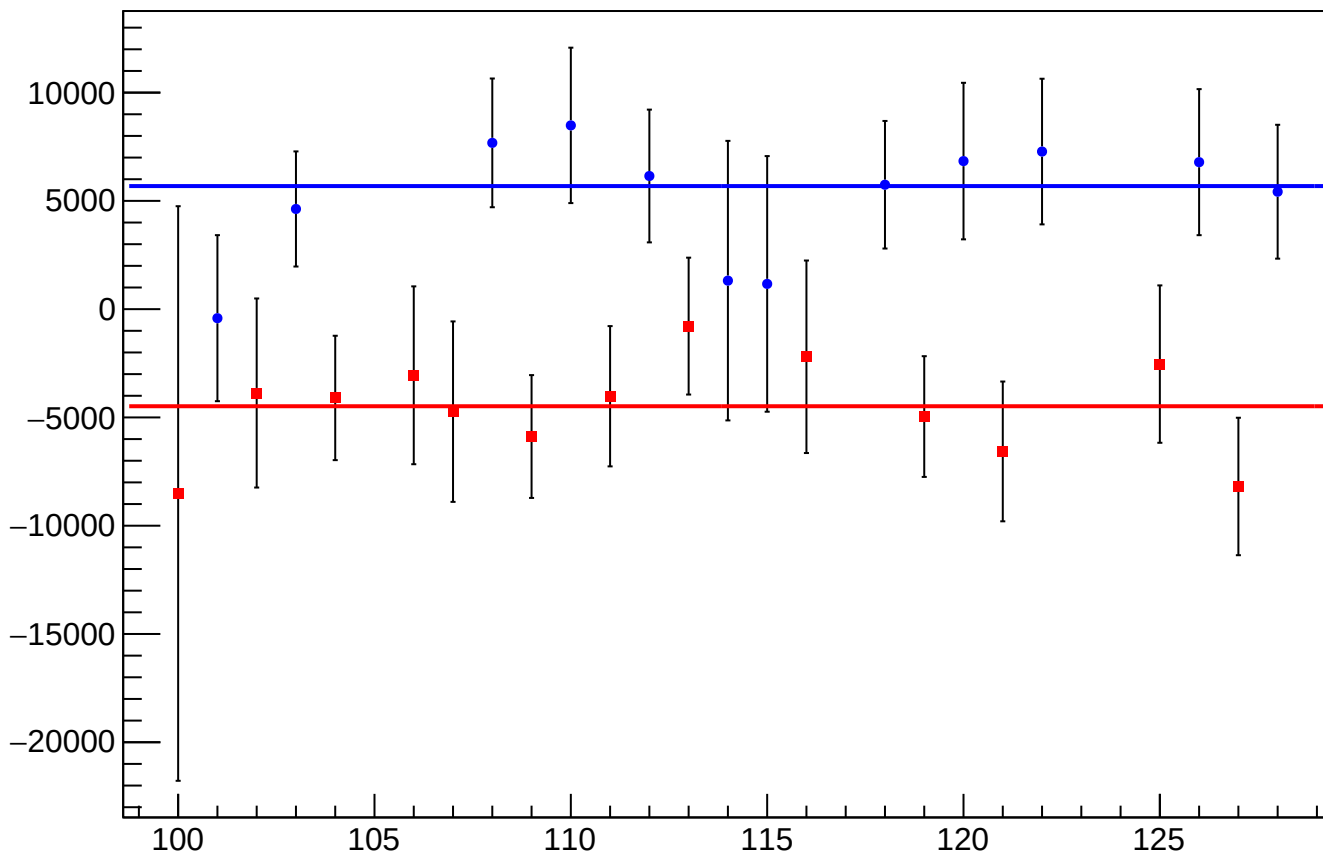
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7902.402+/-1.775 χ^2/NDF : 563013.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 5683.894+/-984.220 χ^2/NDF : 5.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4483.071+/-968.408 χ^2/NDF : 4.2/12

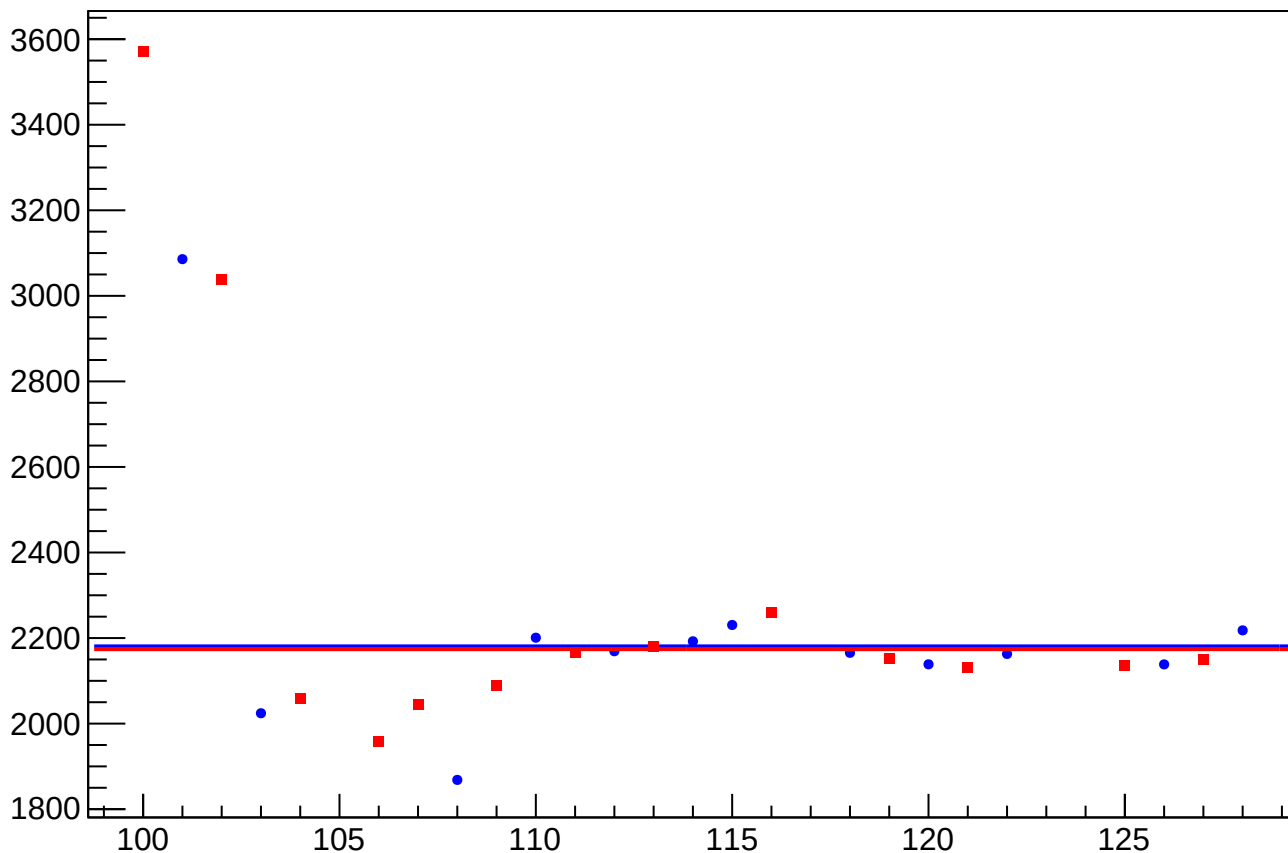
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 518.084+/-690.290 χ^2/NDF : 63.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2180.495 $\pm$ 0.696 χ^2 /NDF: 141702.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2174.088 $\pm$ 0.684 χ^2 /NDF: 114935.6/12

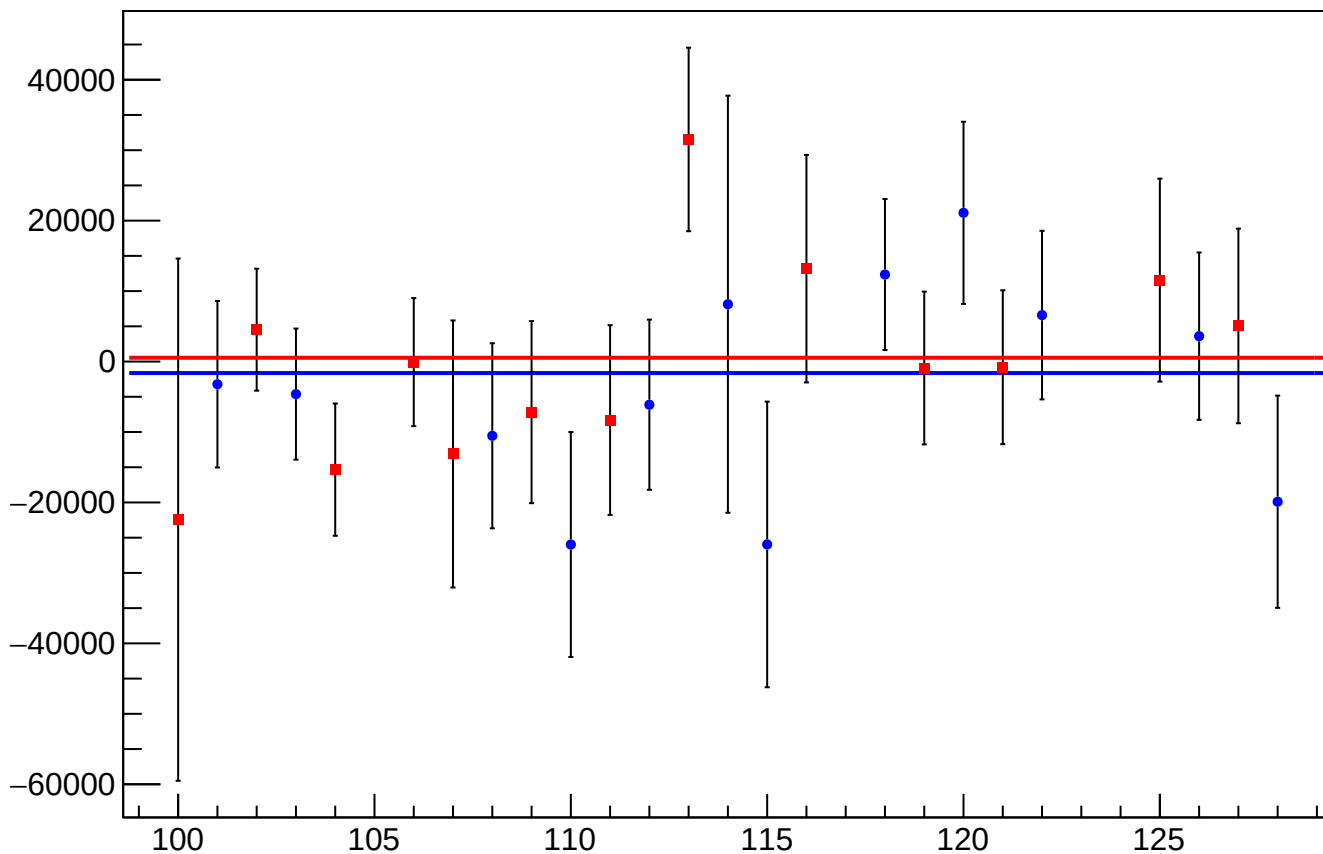
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2177.237 $\pm$ 0.488 χ^2 /NDF: 256681.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_dit_correction_mean vs Slug



Right In: -1631.026+/-3725.961 χ^2/NDF : 11.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 539.553+/-3361.527 χ^2/NDF : 11.8/12

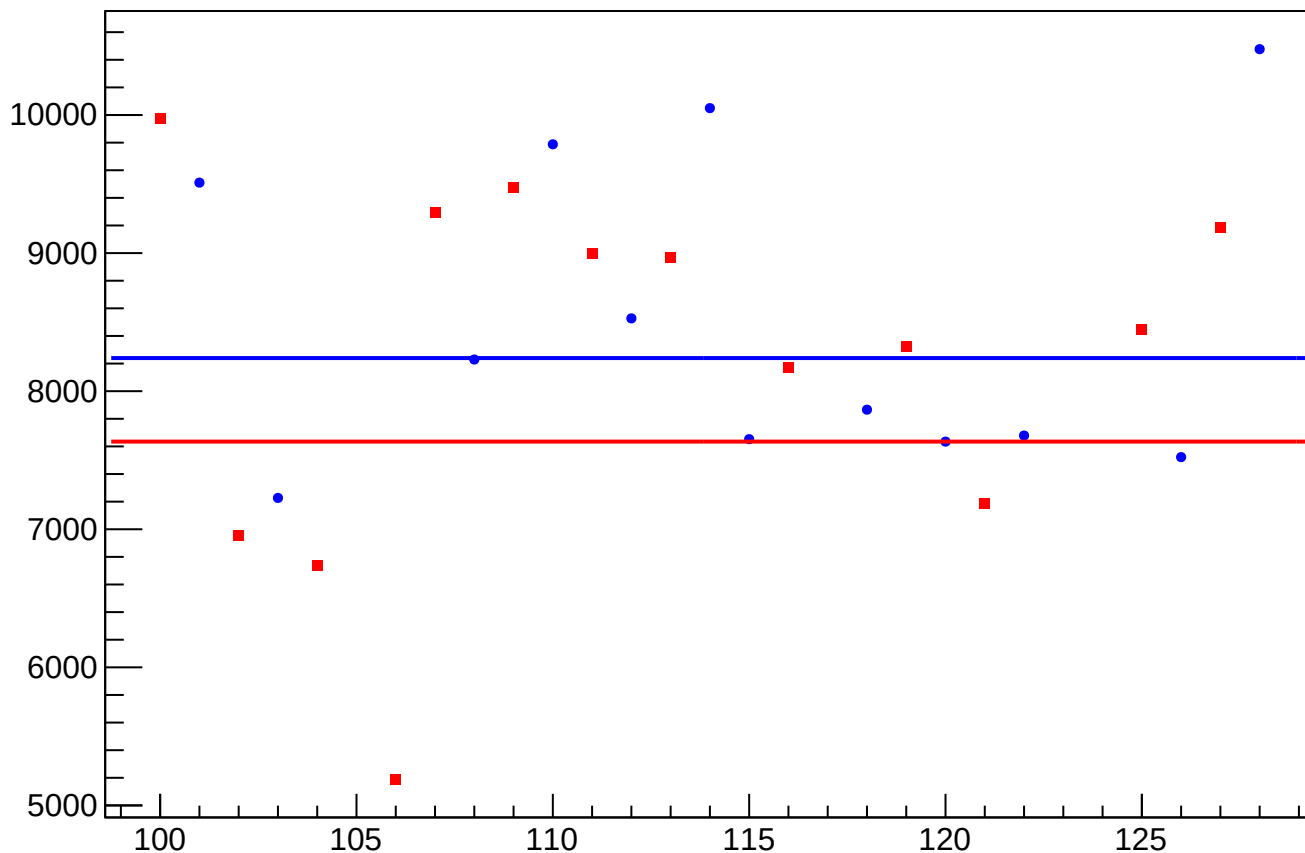
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -434.421+/-2495.883 χ^2/NDF : 23.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_dit_correction_rms vs Slug



Right In: 8239.820+/-2.635 χ^2/NDF : 138538.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

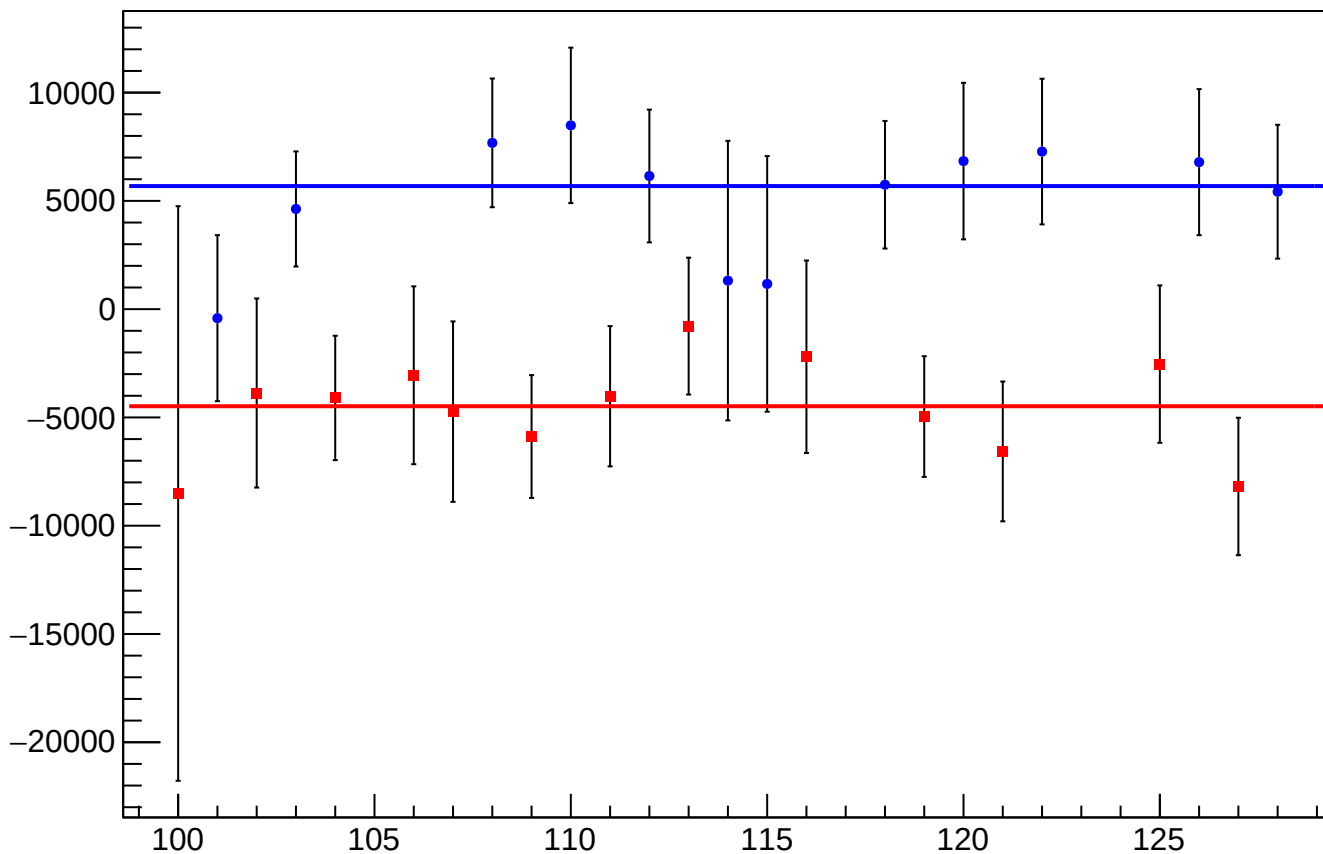
Right Out: 7634.884+/-2.377 χ^2/NDF : 326469.3/12

All: 7906.329+/-1.765 χ^2/NDF : 494071.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 5683.904 $\pm$ 984.220 χ^2 /NDF: 5.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4483.077 $\pm$ 968.408 χ^2 /NDF: 4.2/12

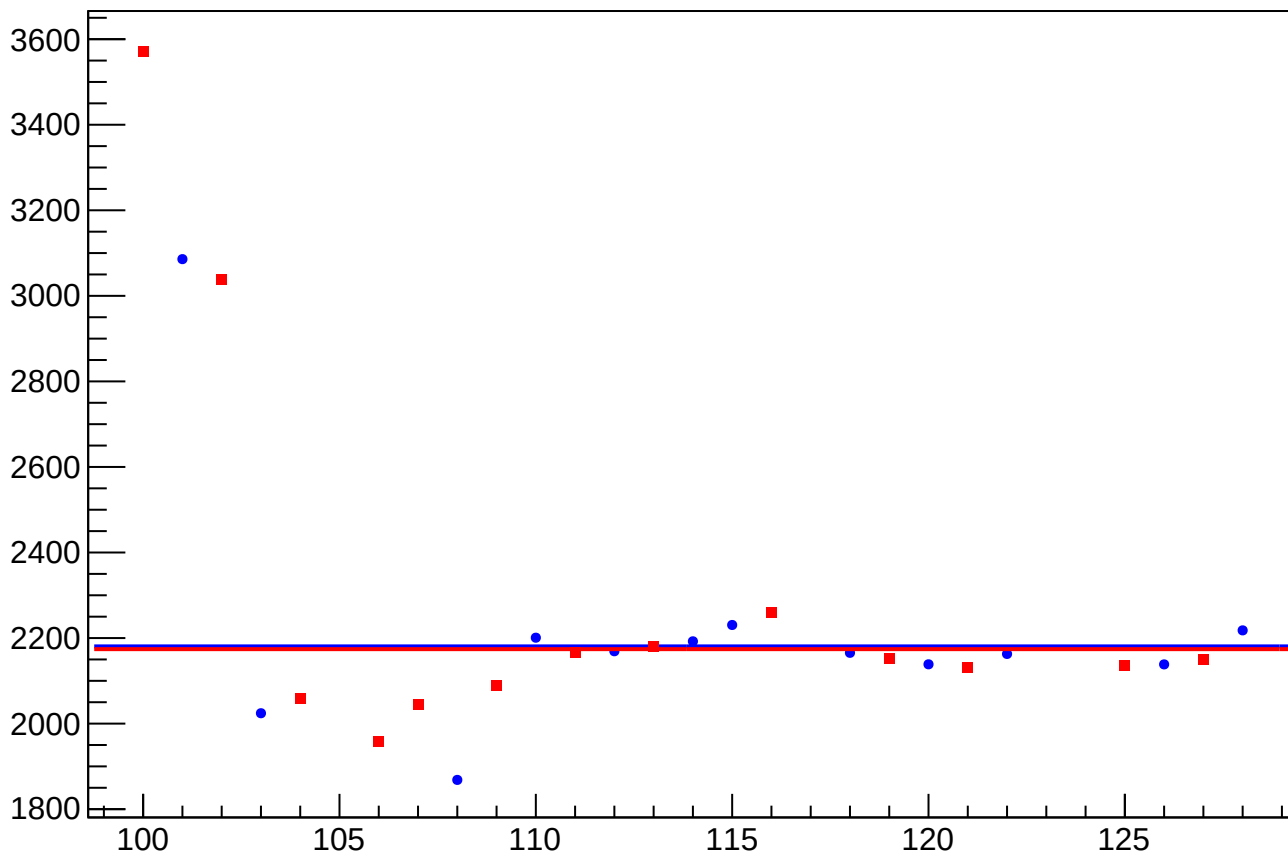
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 518.085 $\pm$ 690.290 χ^2 /NDF: 63.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2180.495+/-0.696 χ^2/NDF : 141702.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

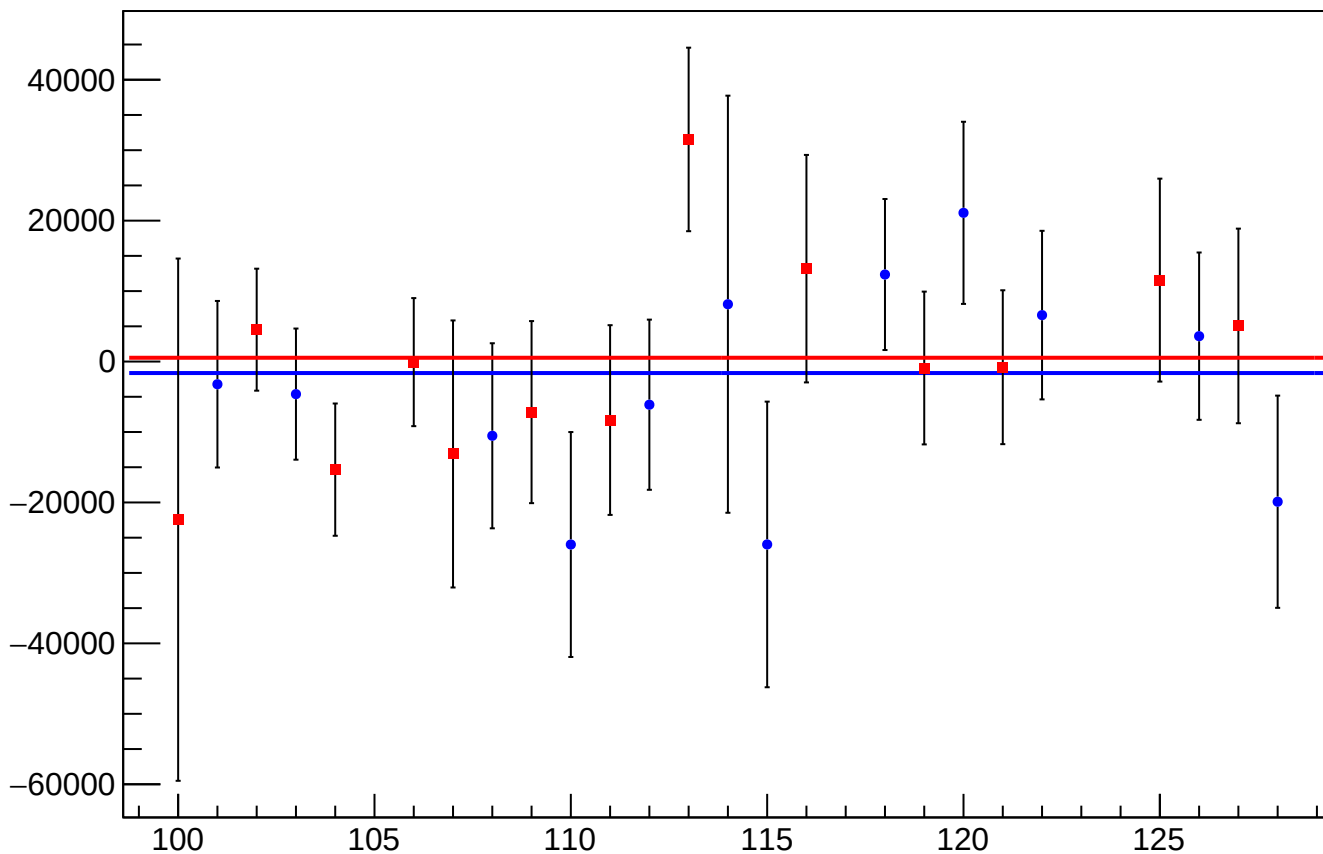
Right Out: 2174.088+/-0.684 χ^2/NDF : 114935.5/12

All: 2177.237+/-0.488 χ^2/NDF : 256681.1/24

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_avg_at2lr_avg_avg_eigen_dit_correction_mean vs Slug



Right In: -1631.010+/-3725.950 χ^2/NDF : 11.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 539.545+/-3361.519 χ^2/NDF : 11.8/12

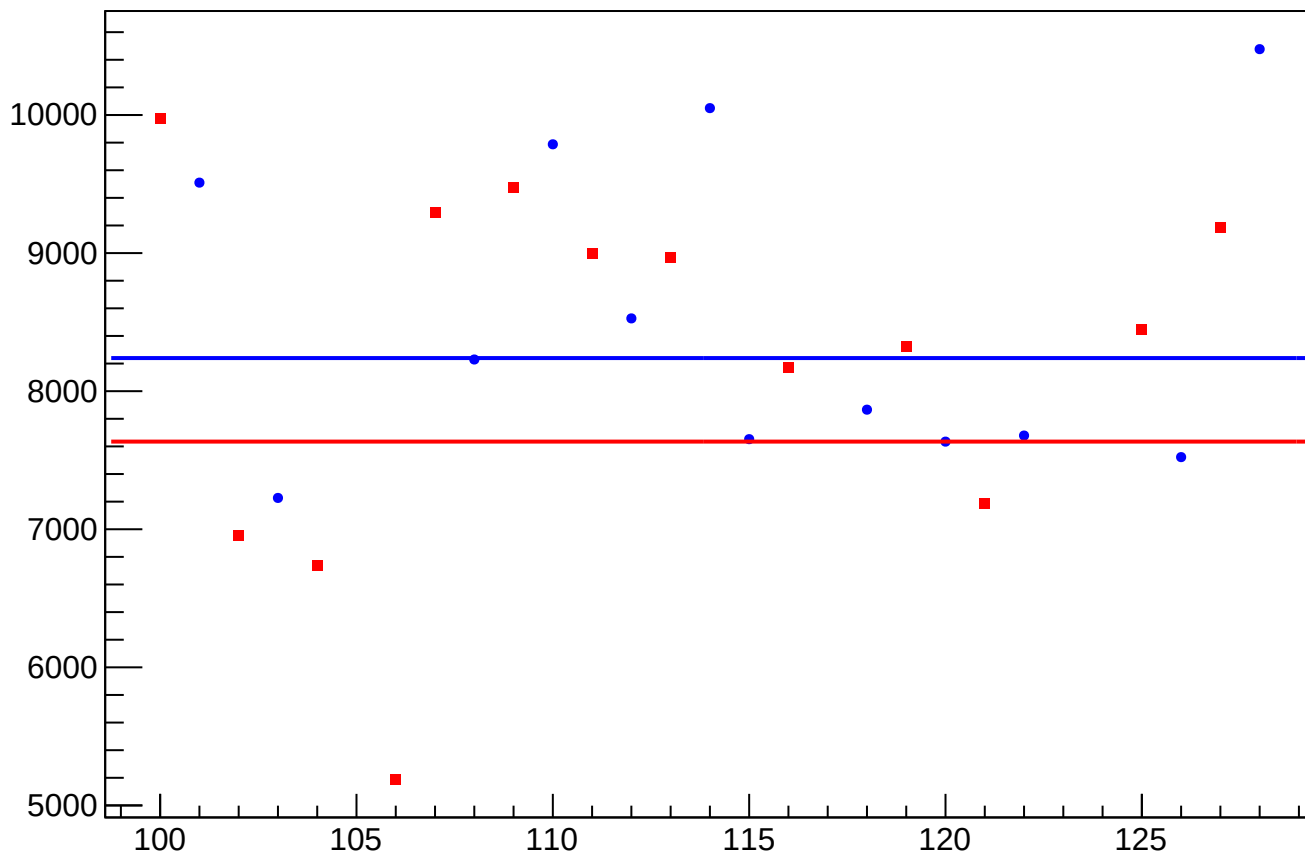
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -434.419+/-2495.876 χ^2/NDF : 23.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_rms vs Slug



Right In: 8239.795+/-2.635 χ^2/NDF : 138538.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

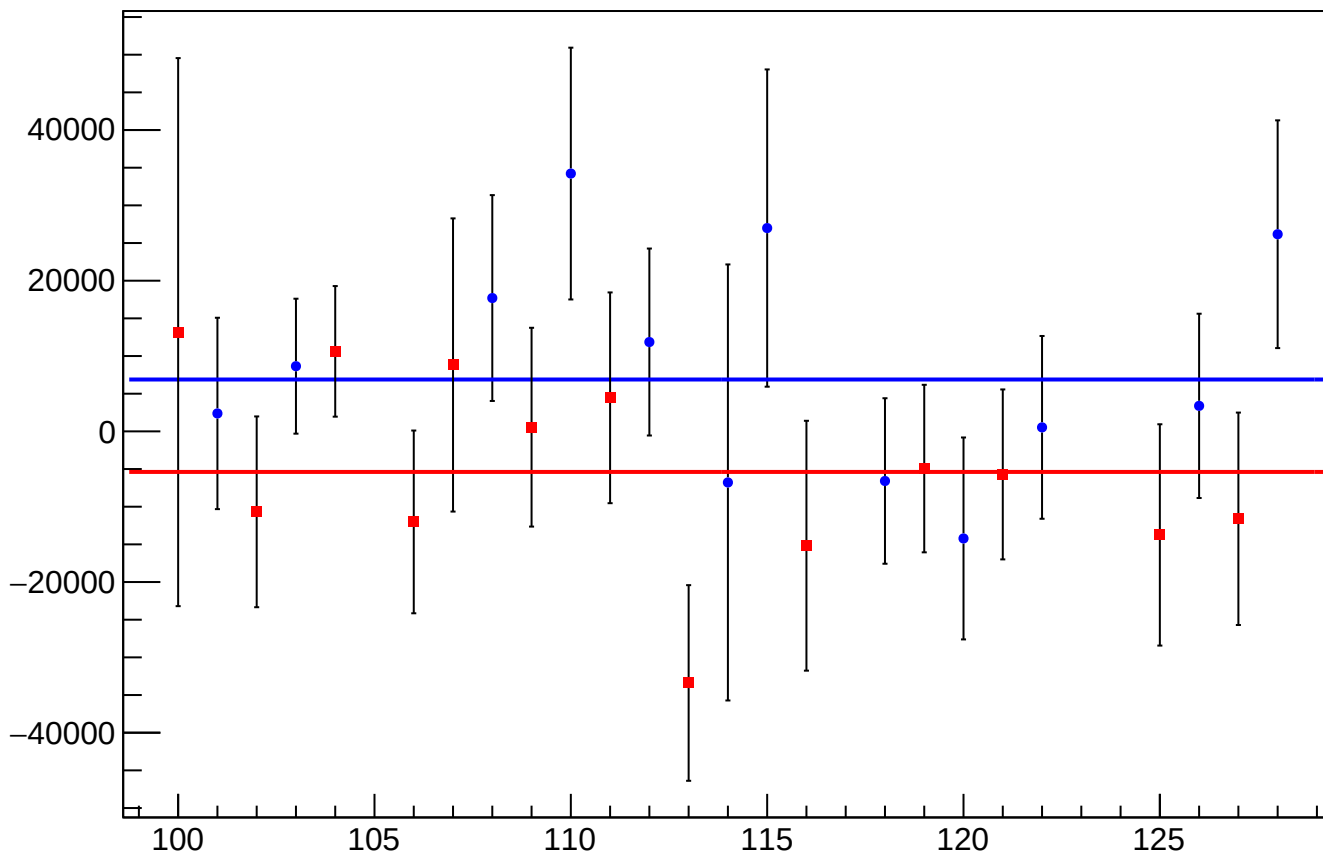
Right Out: 7634.866+/-2.377 χ^2/NDF : 326467.0/12

All: 7906.308+/-1.765 χ^2/NDF : 494068.6/24

- 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: 6884.326+/-3799.936 χ^2/NDF : 10.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5384.610+/-3632.895 χ^2/NDF : 10.9/12

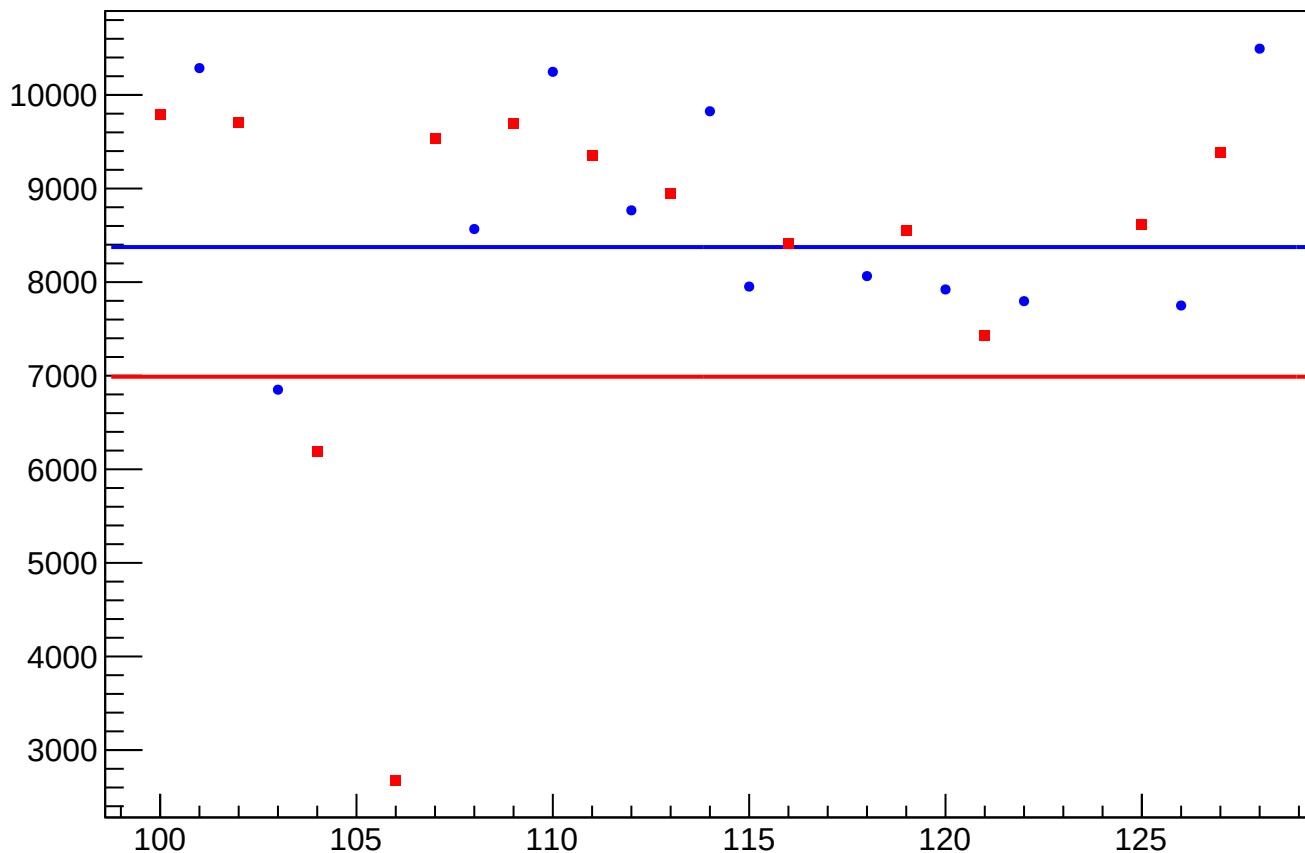
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 474.273+/-2625.912 χ^2/NDF : 27.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 8374.639+/-2.687 χ^2/NDF : 189542.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

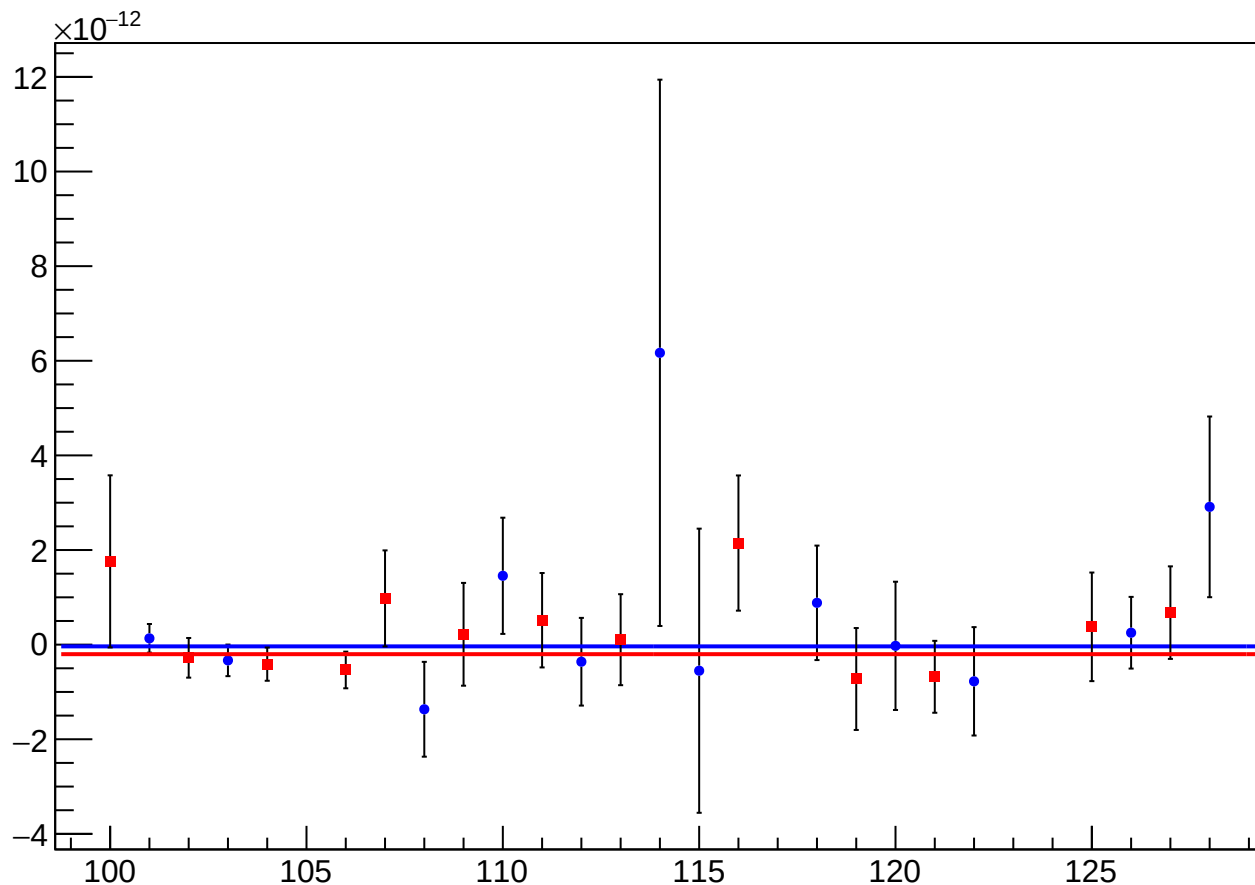
Right Out: 6989.340+/-2.343 χ^2/NDF : 1302588.4/12

All: 7587.845+/-1.766 χ^2/NDF : 1643102.8/24

- 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: 9.2/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 8.8/12

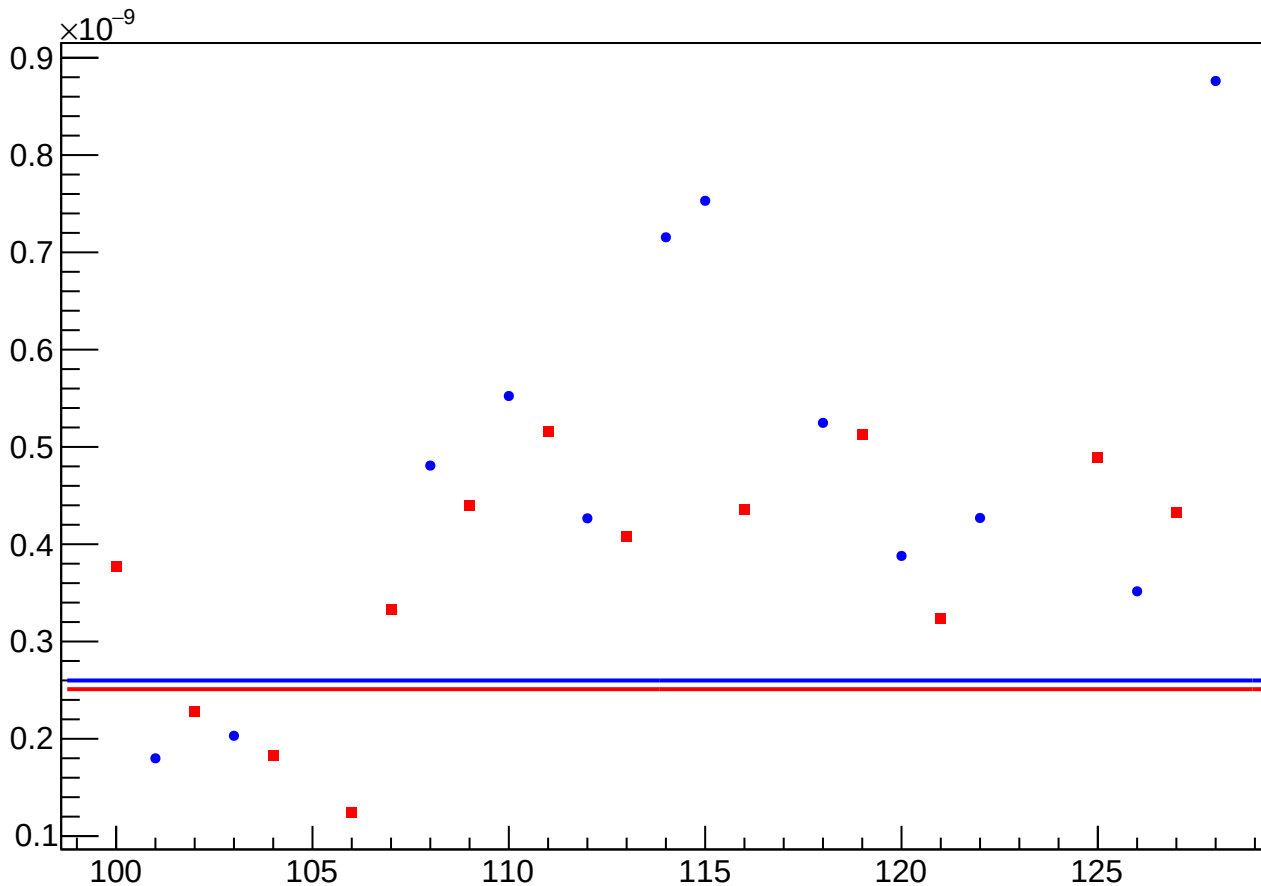
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 18.4/24

- 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 : 932850.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 896497.6/12

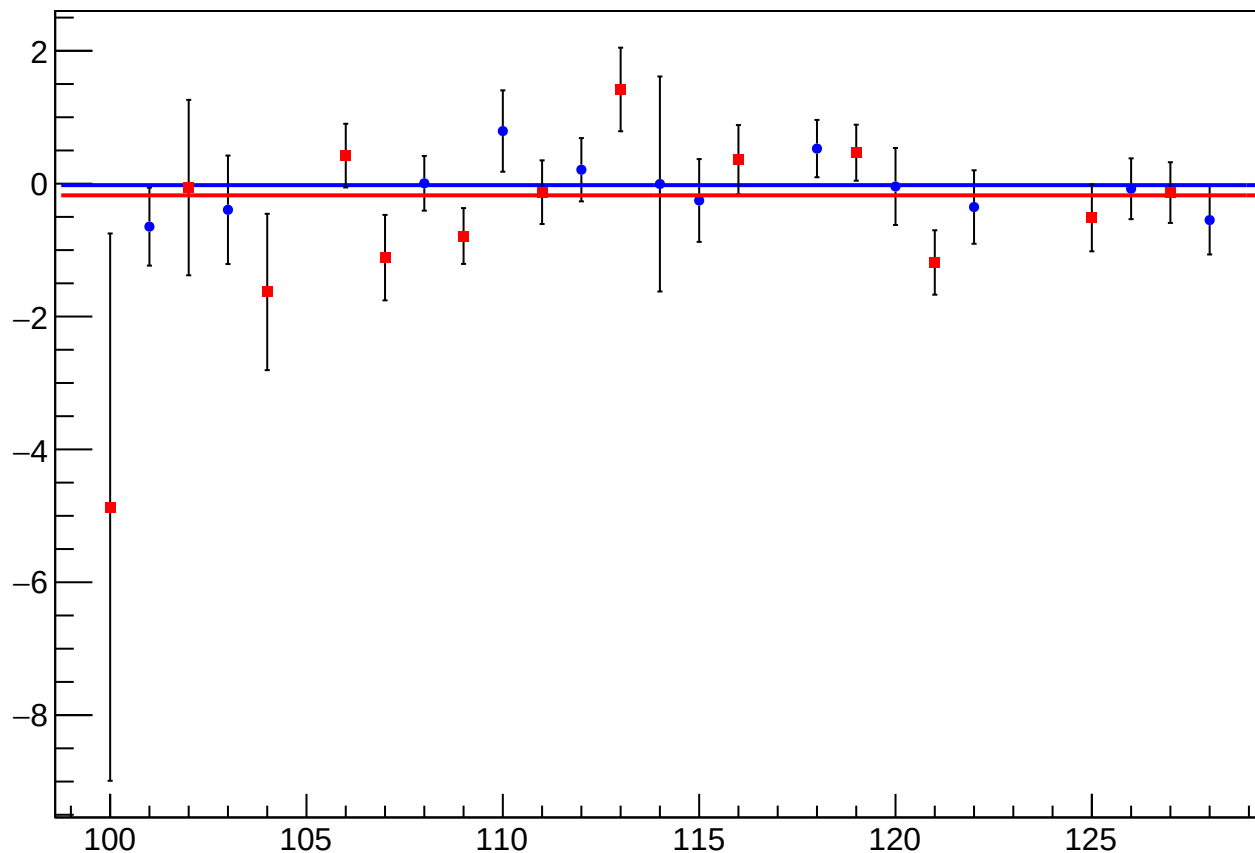
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1831595.2/24

- 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: -0.022+/-0.157 χ^2 /NDF: 6.5/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.175+/-0.153 χ^2 /NDF: 23.3/12

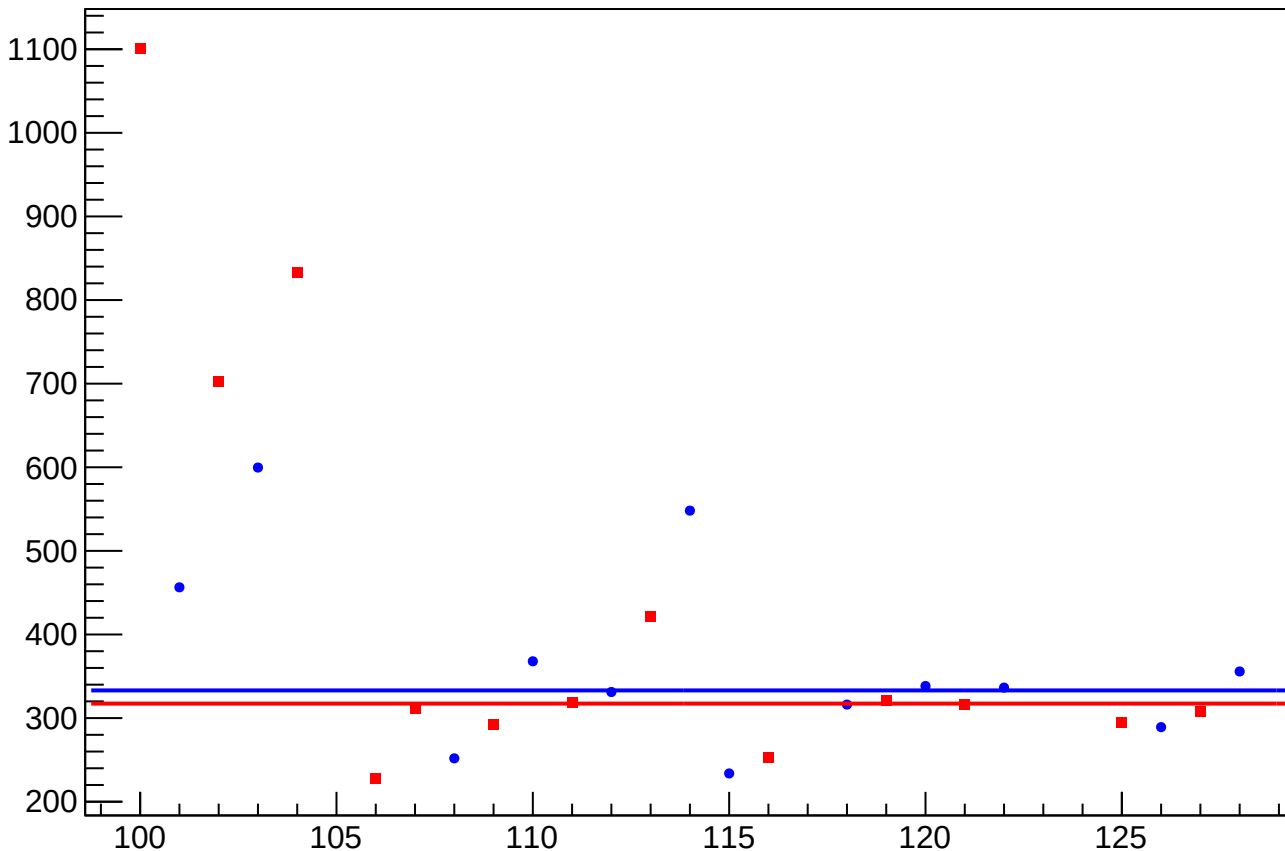
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.101+/-0.109 χ^2 /NDF: 30.3/24

- 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: 333.108+/-0.111 χ^2/NDF : 497289.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

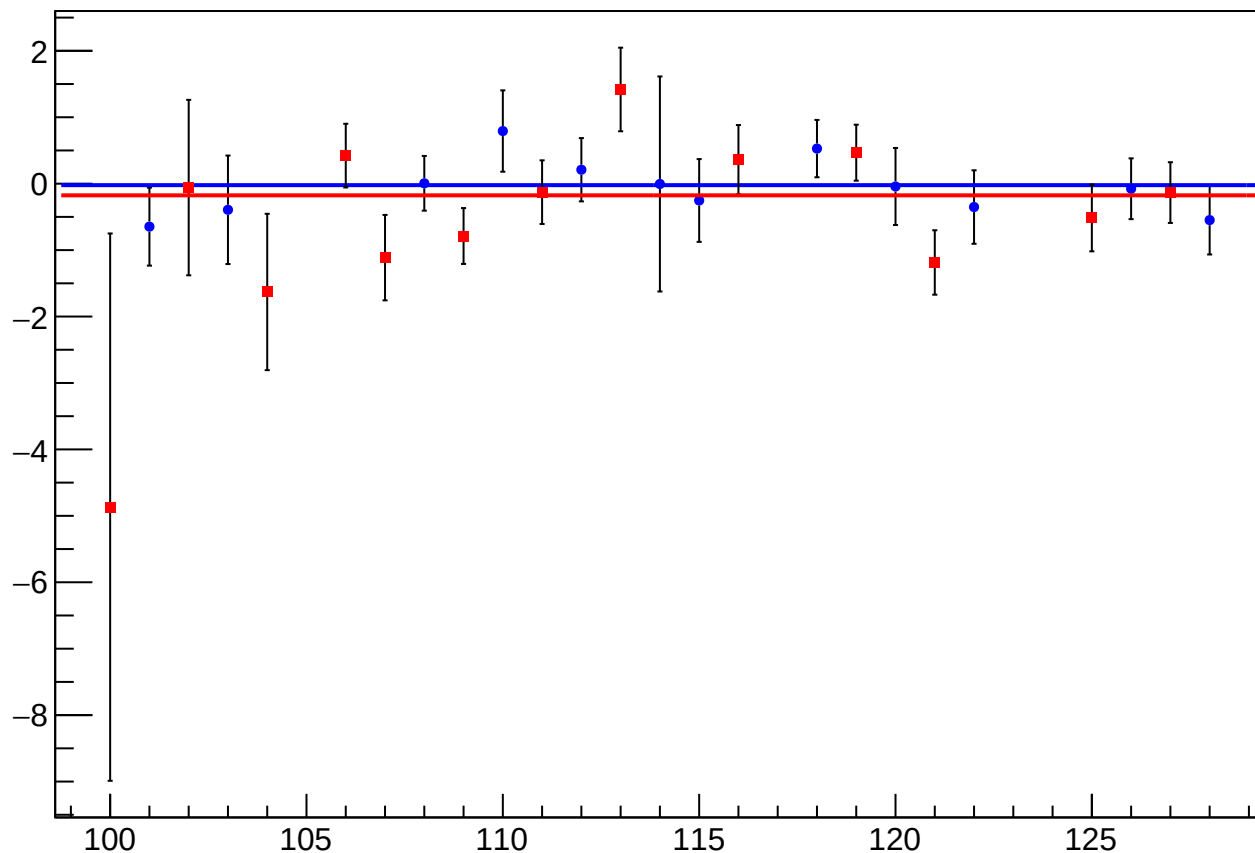
Right Out: 317.341+/-0.108 χ^2/NDF : 794697.7/12

All: 324.984+/-0.077 χ^2/NDF : 1302345.9/24

- 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_vs_eigen_cor_diff_mean vs Slug



Right In: -0.022+/-0.157 χ^2/NDF : 6.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.175+/-0.153 χ^2/NDF : 23.3/12

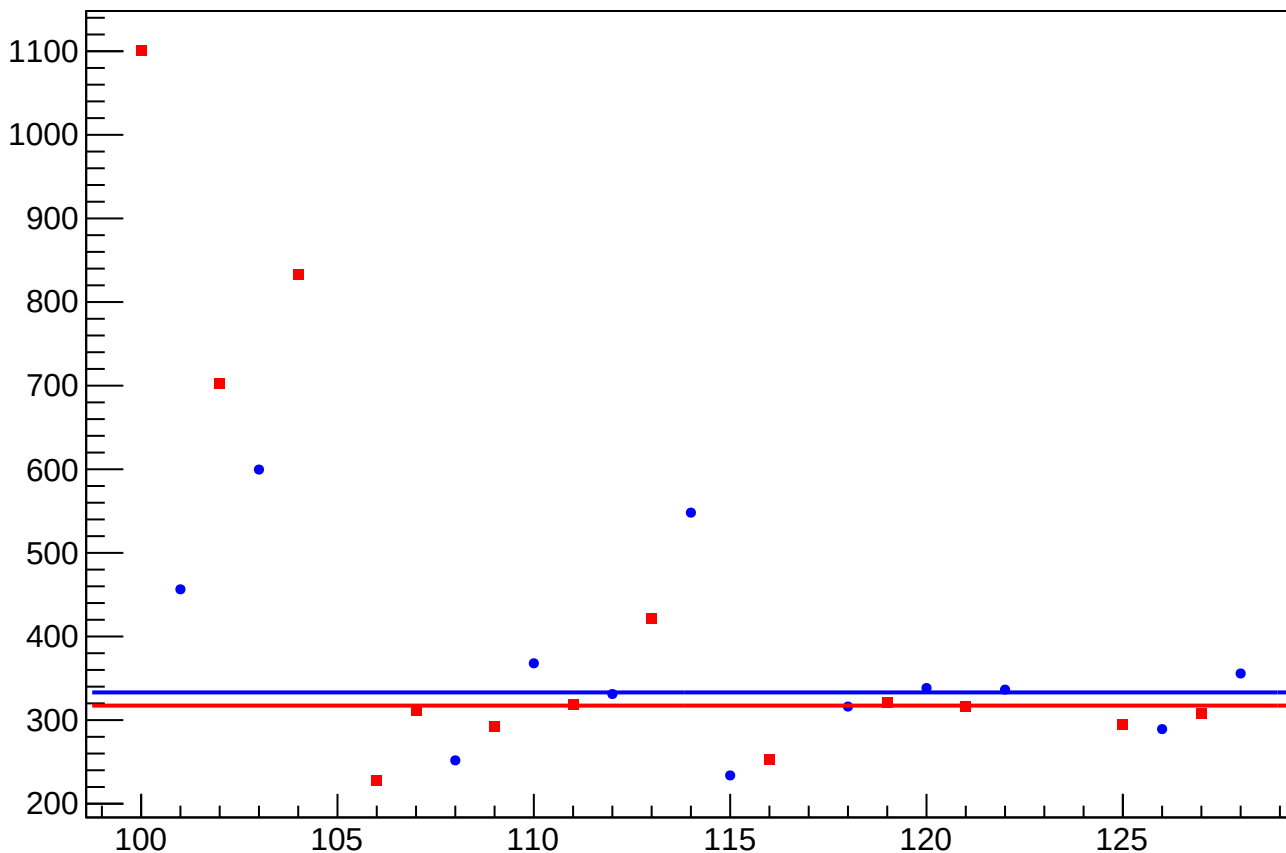
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.101+/-0.109 χ^2/NDF : 30.3/24

- 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: 333.108+/-0.111 χ^2/NDF : 497289.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 317.341+/-0.108 χ^2/NDF : 794697.7/12

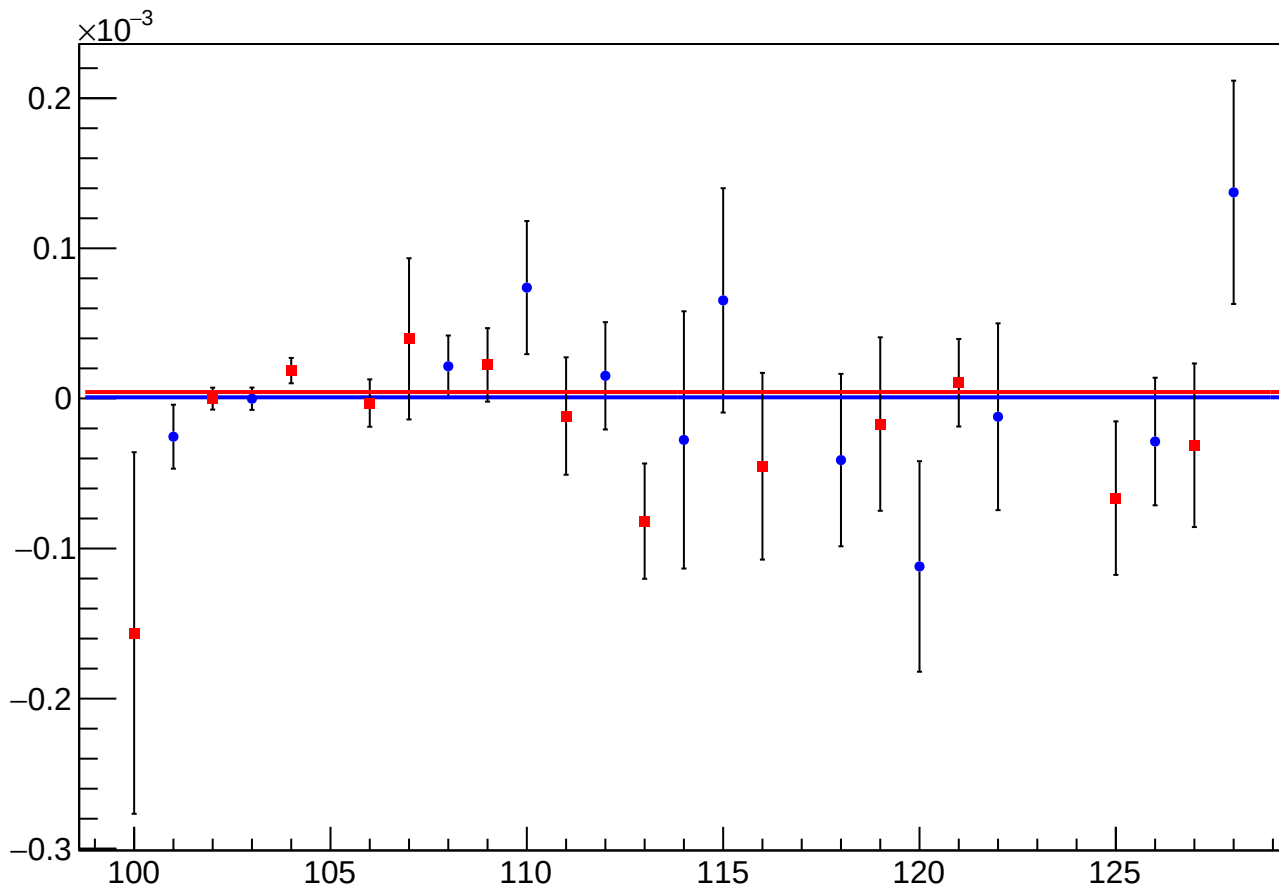
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 324.984+/-0.077 χ^2/NDF : 1302345.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 13.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.5/12

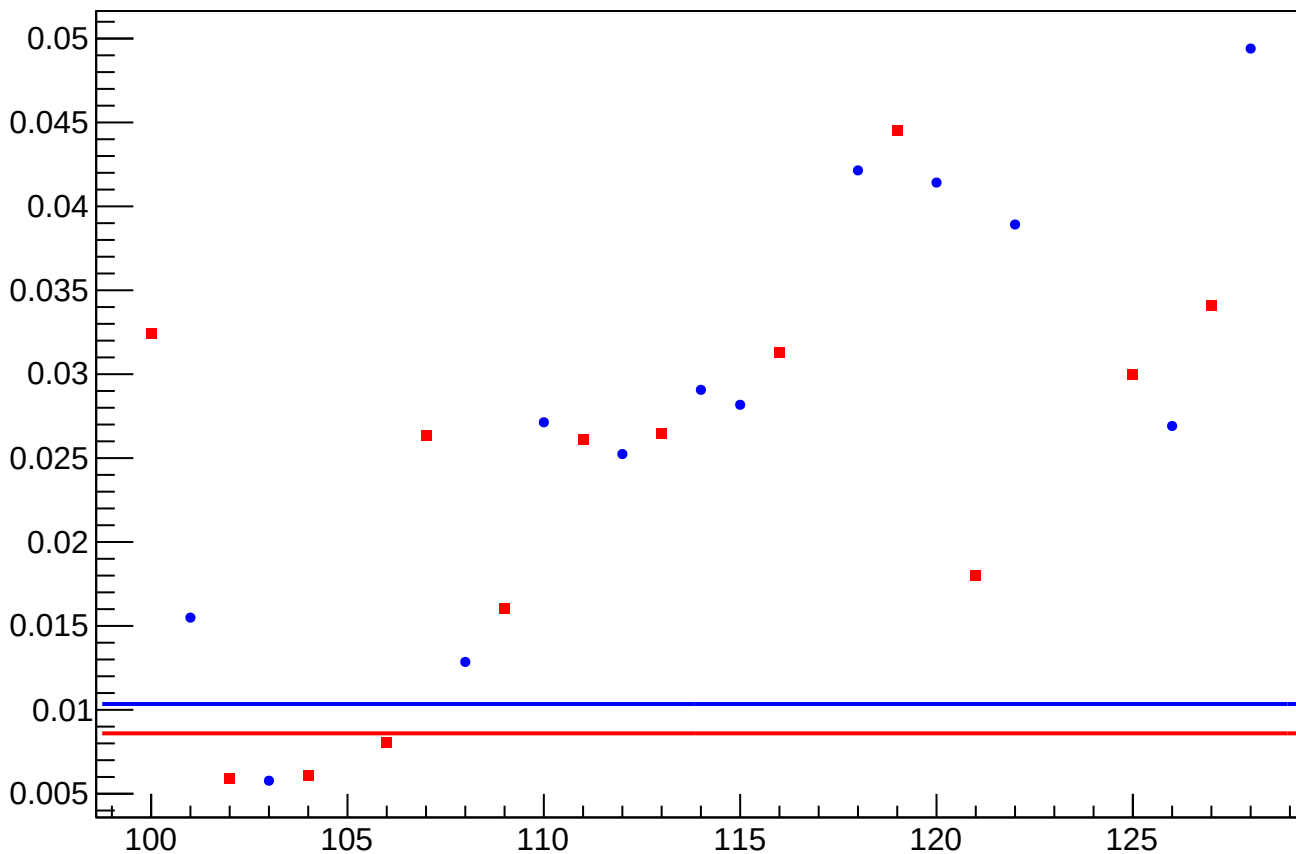
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.0/24

- 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: 0.010+/-0.000 χ^2/NDF : 4029537.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 3804527.9/12

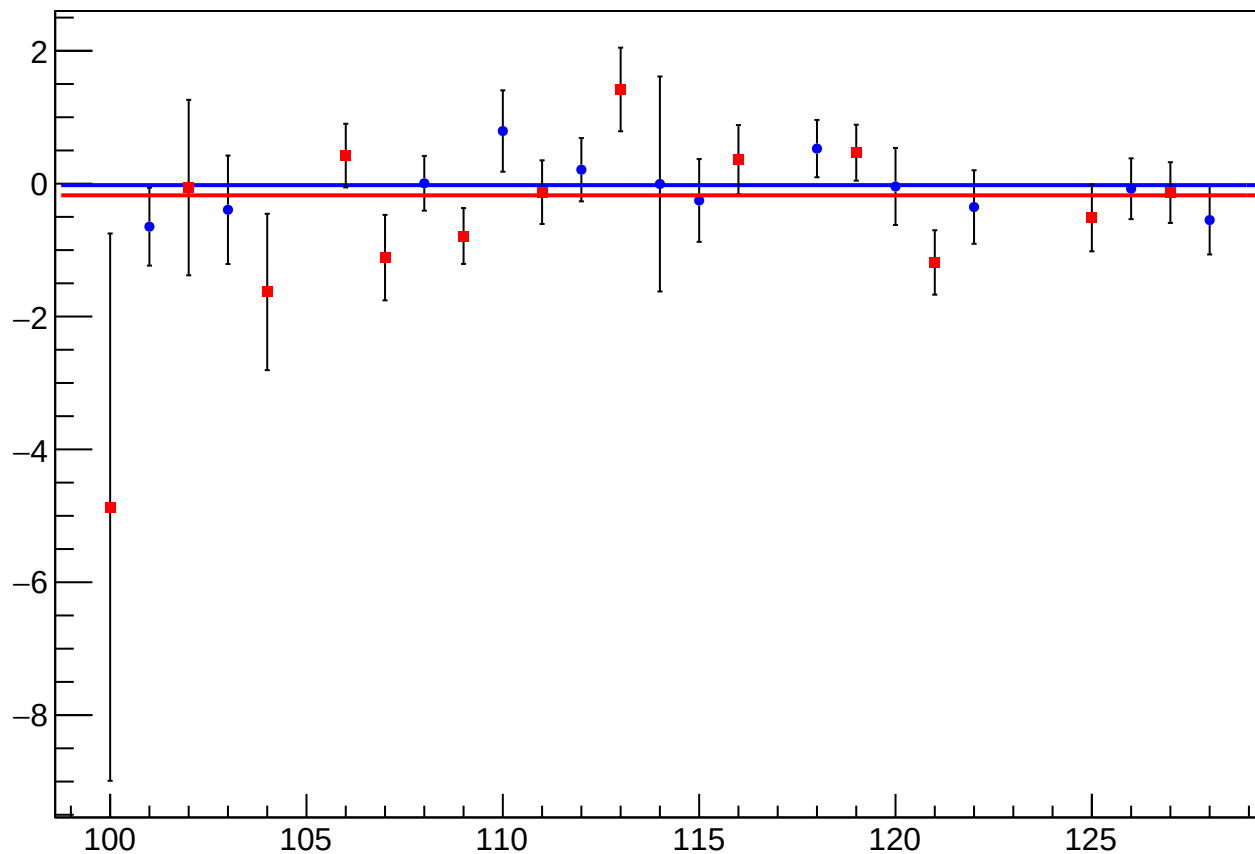
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 7932308.2/24

- 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: -0.022+/-0.157 χ^2/NDF : 6.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.176+/-0.153 χ^2/NDF : 23.3/12

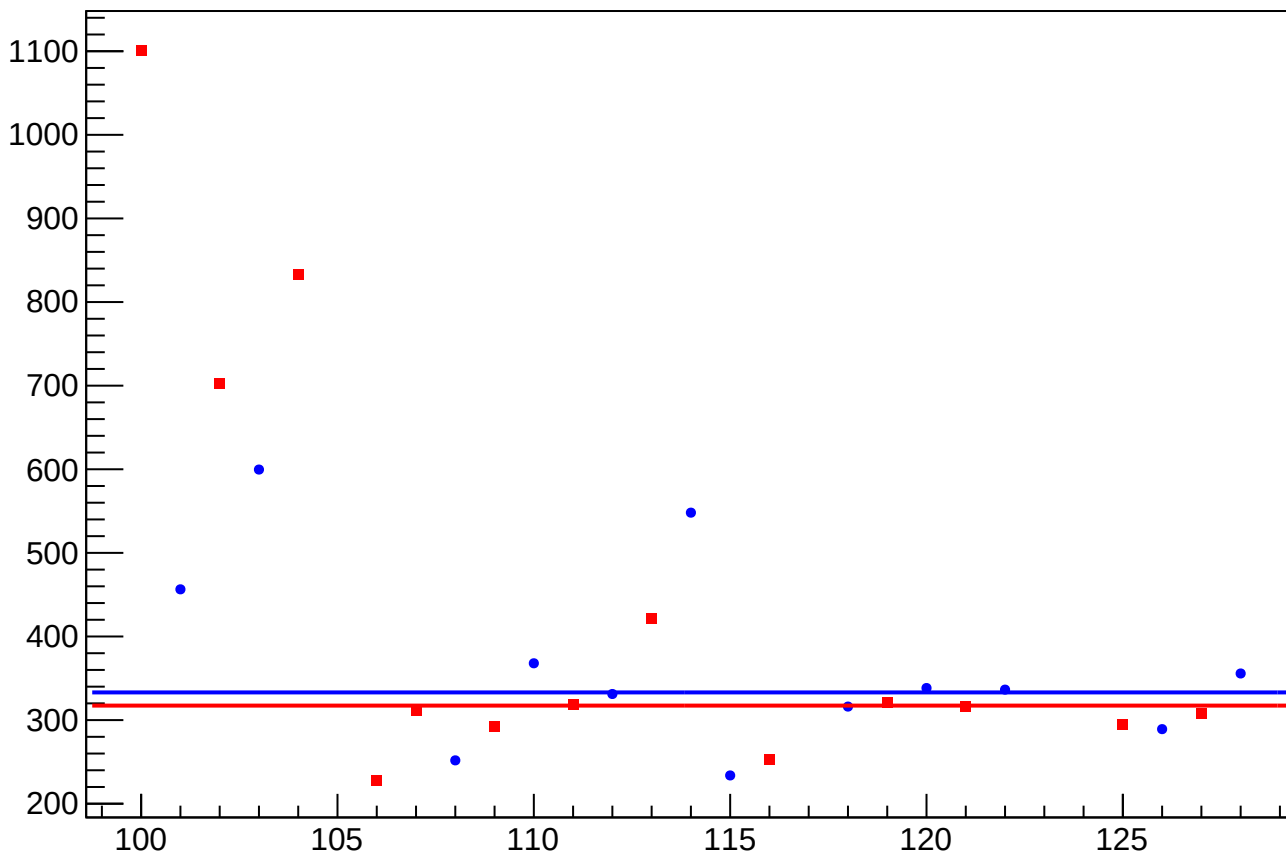
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.101+/-0.109 χ^2/NDF : 30.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 333.107+/-0.111 χ^2/NDF : 497272.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 317.341+/-0.108 χ^2/NDF : 794684.0/12

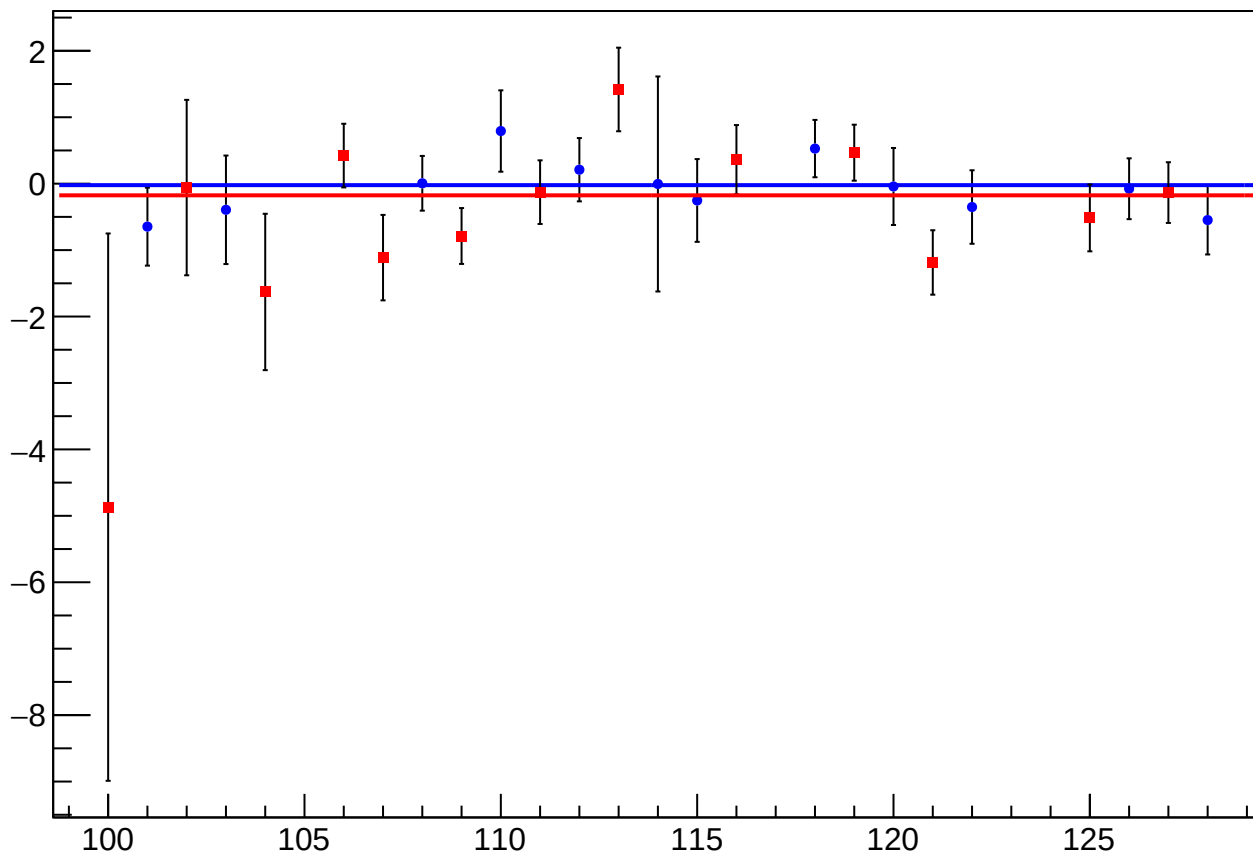
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 324.983+/-0.077 χ^2/NDF : 1302314.1/24

- 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: -0.022 ± 0.157 χ^2/NDF : 6.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.176 ± 0.153 χ^2/NDF : 23.3/12

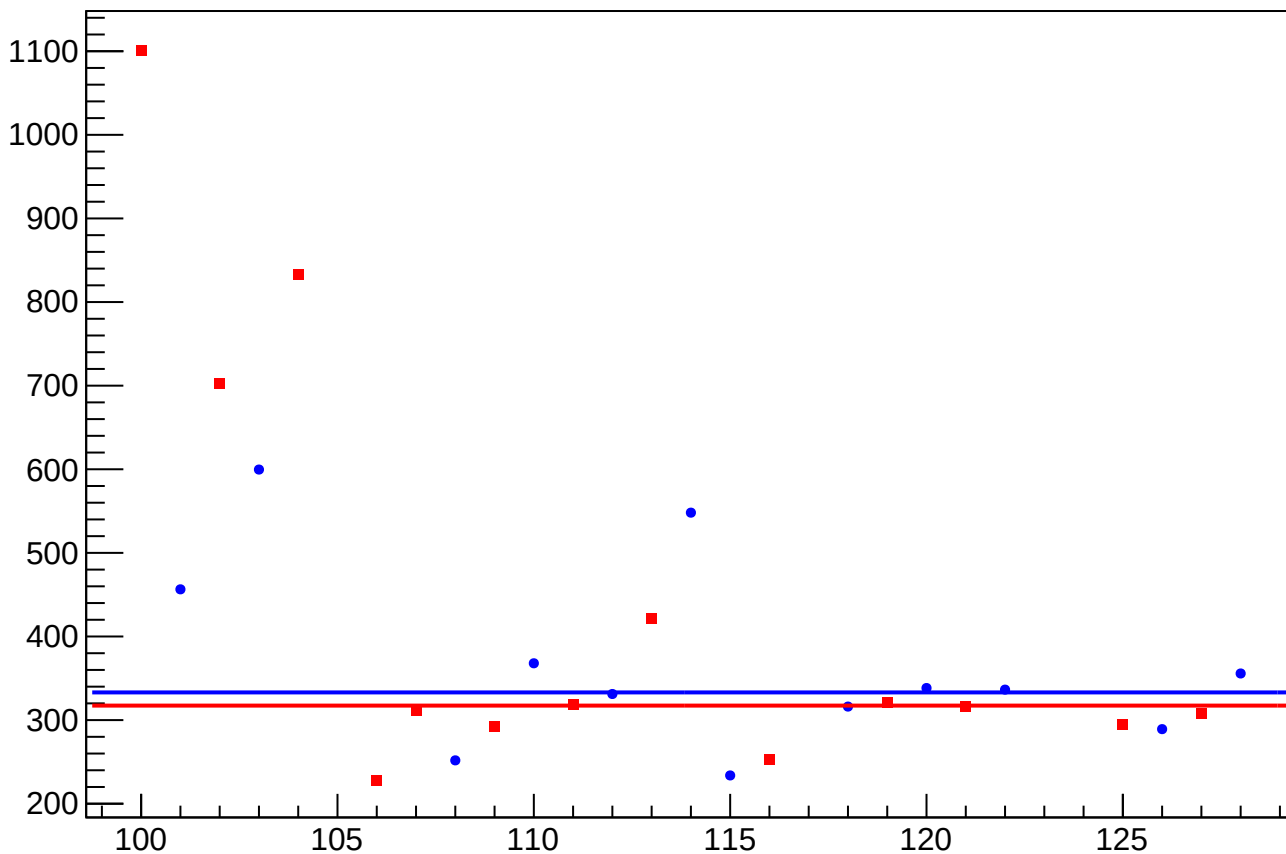
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.101 ± 0.109 χ^2/NDF : 30.3/24

- 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: 333.107+/-0.111 χ^2/NDF : 497272.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 317.341+/-0.108 χ^2/NDF : 794684.0/12

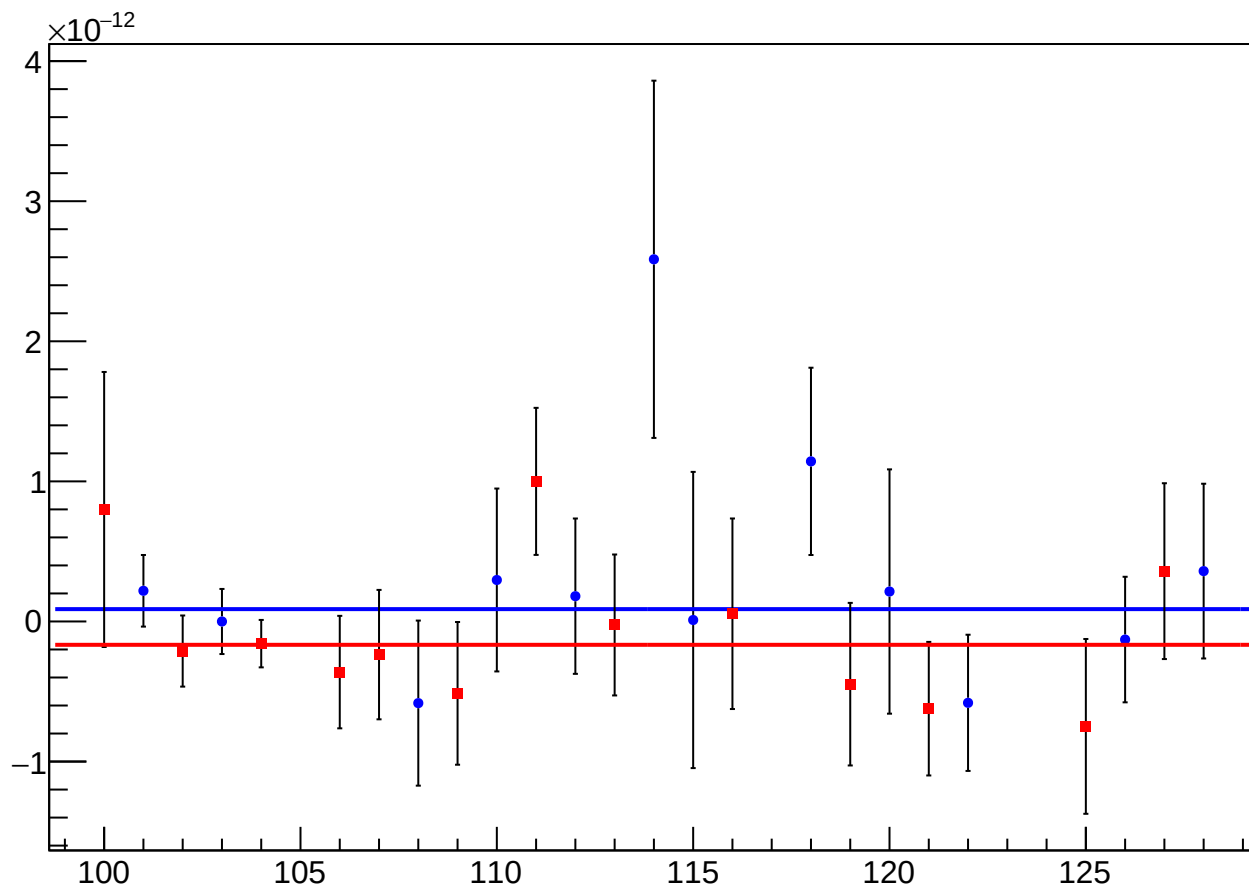
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 324.983+/-0.077 χ^2/NDF : 1302314.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 10.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 9.6/12

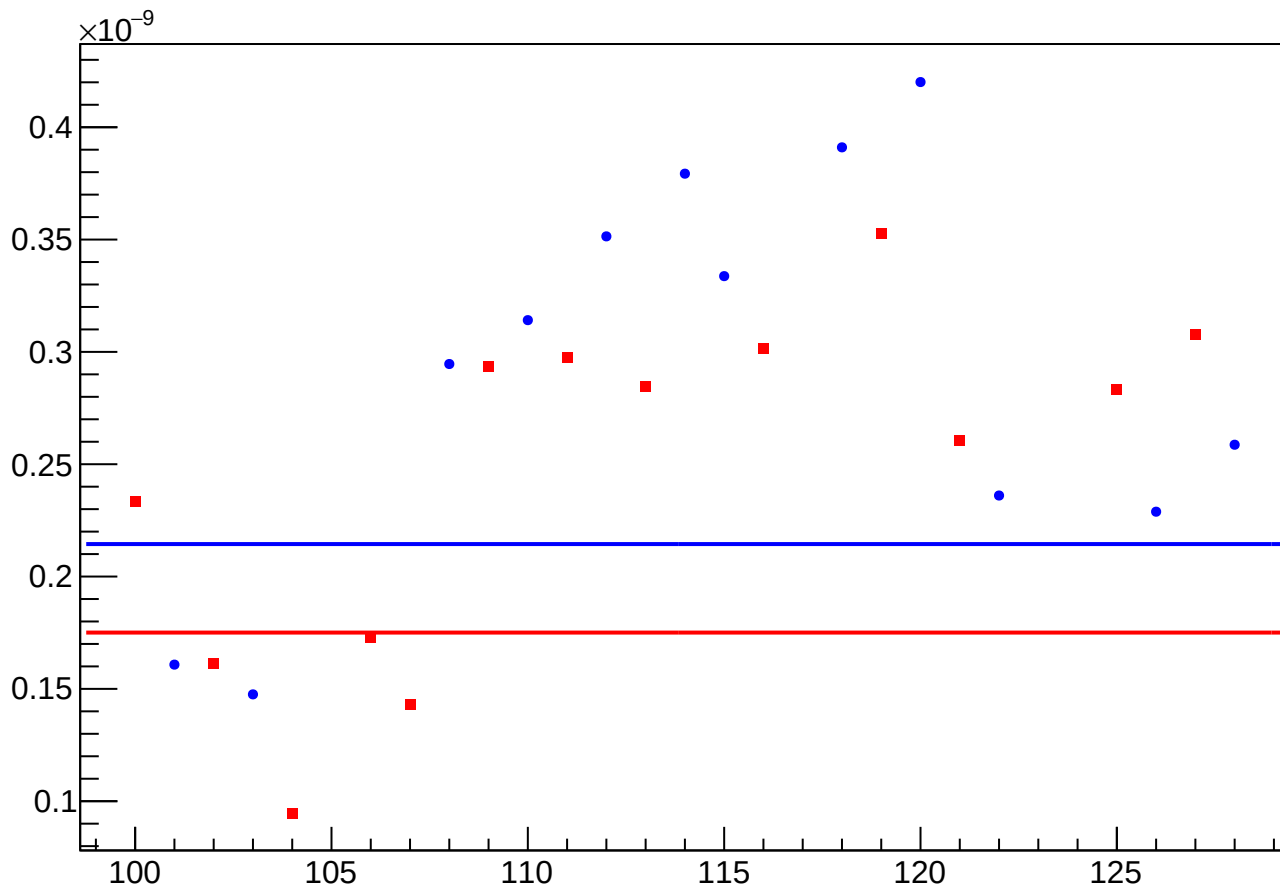
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 22.4/24

- sign 0.000 $\pm$ 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 : 785498.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1257744.4/12

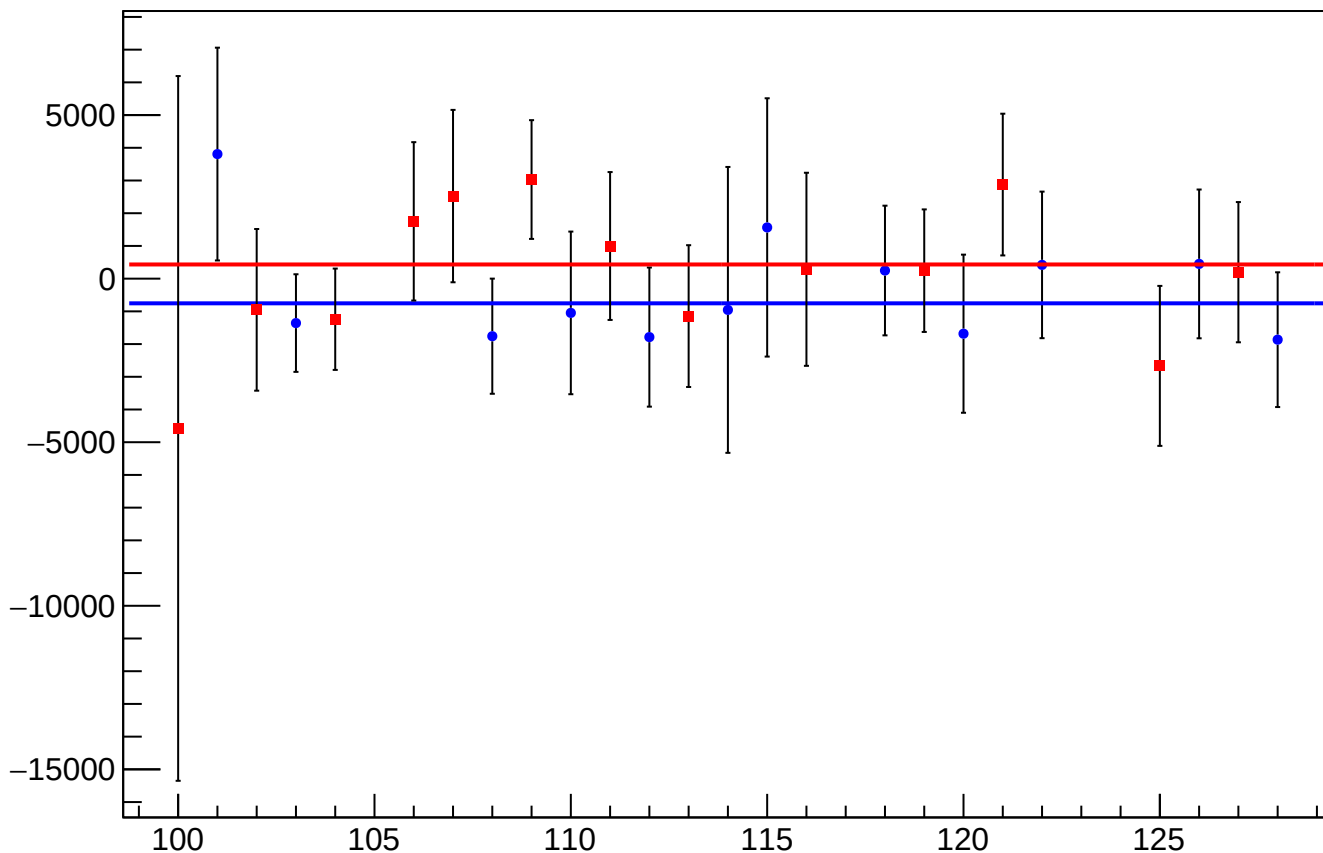
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2153258.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -754.369+/-642.774 χ^2/NDF : 4.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 433.350+/-618.491 χ^2/NDF : 8.2/12

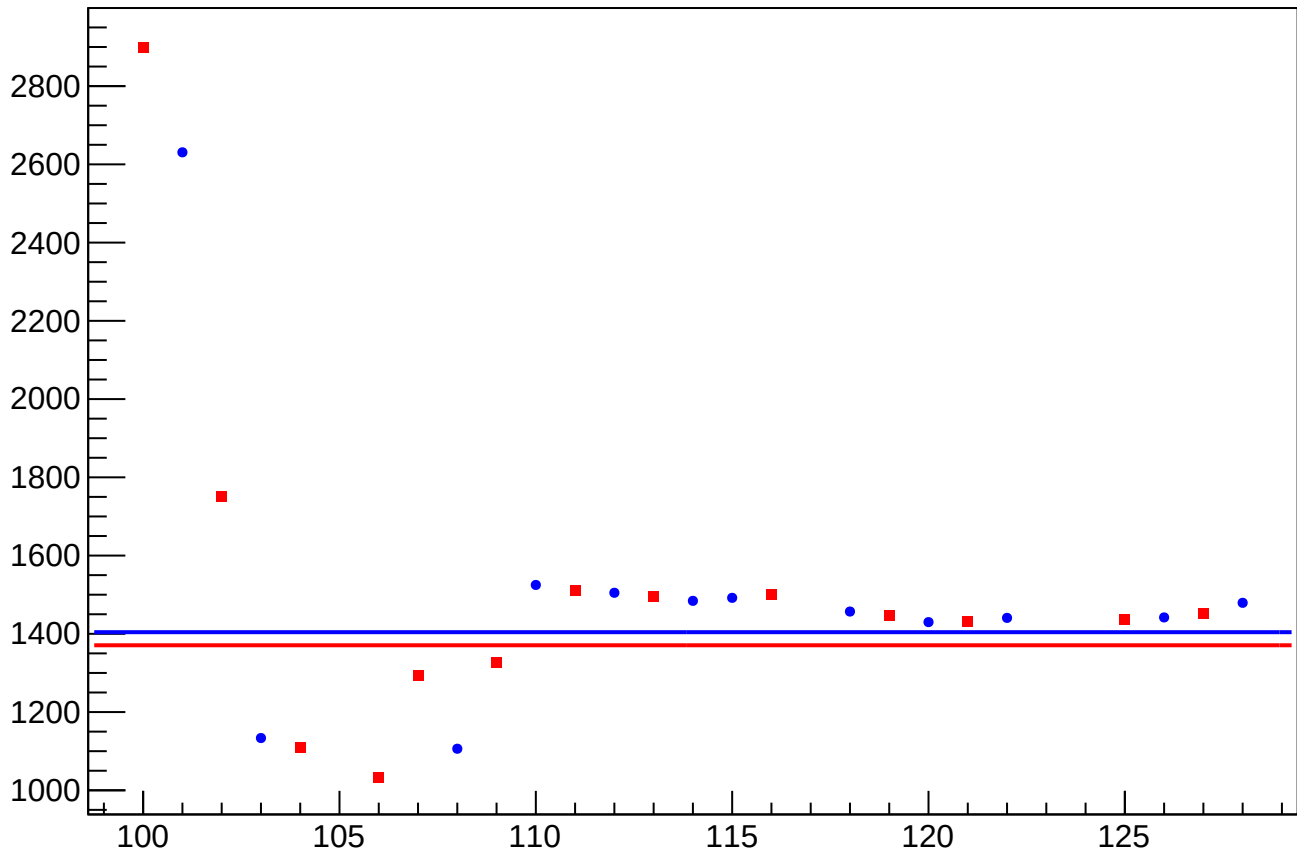
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -137.651+/-445.677 χ^2/NDF : 14.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1404.174+/-0.455 χ^2/NDF : 423825.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1370.722+/-0.433 χ^2/NDF : 224639.3/12

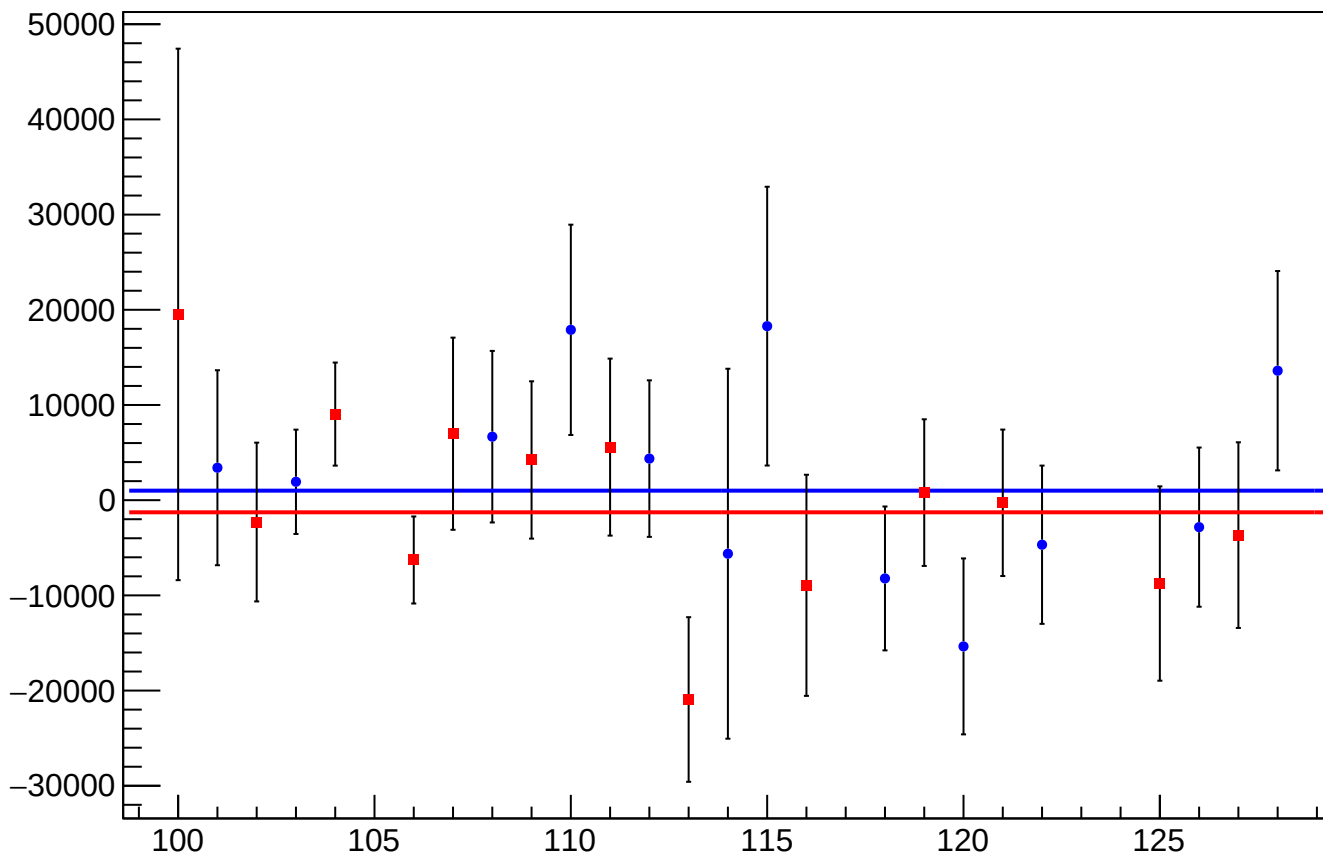
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1386.647+/-0.314 χ^2/NDF : 651302.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_reg_correction_mean vs Slug



Right In: 1000.400+/-2560.033 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1273.338+/-2190.883 χ^2/NDF : 13.4/12

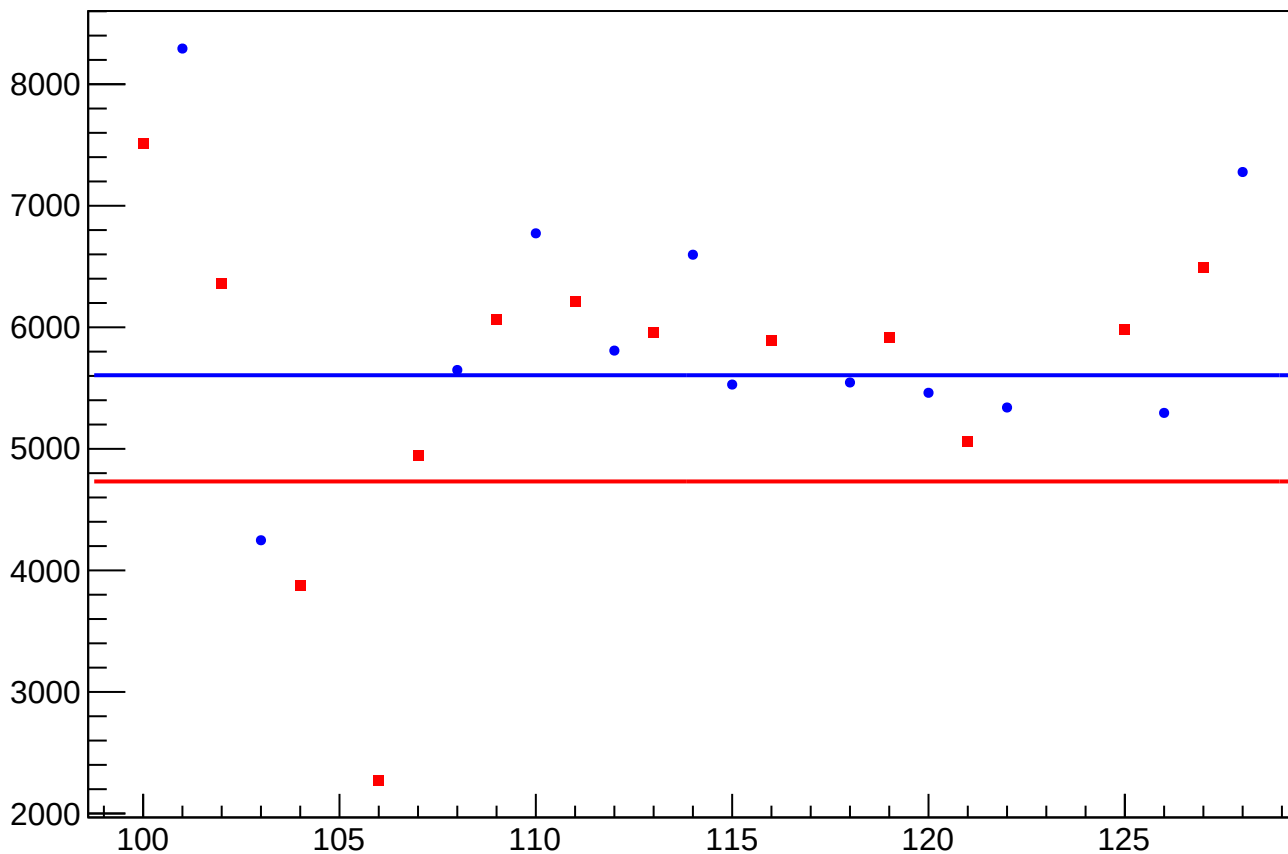
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -312.080+/-1664.544 χ^2/NDF : 25.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_reg_correction_rms vs Slug



Right In: 5605.684+/-1.810 χ^2/NDF : 345818.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

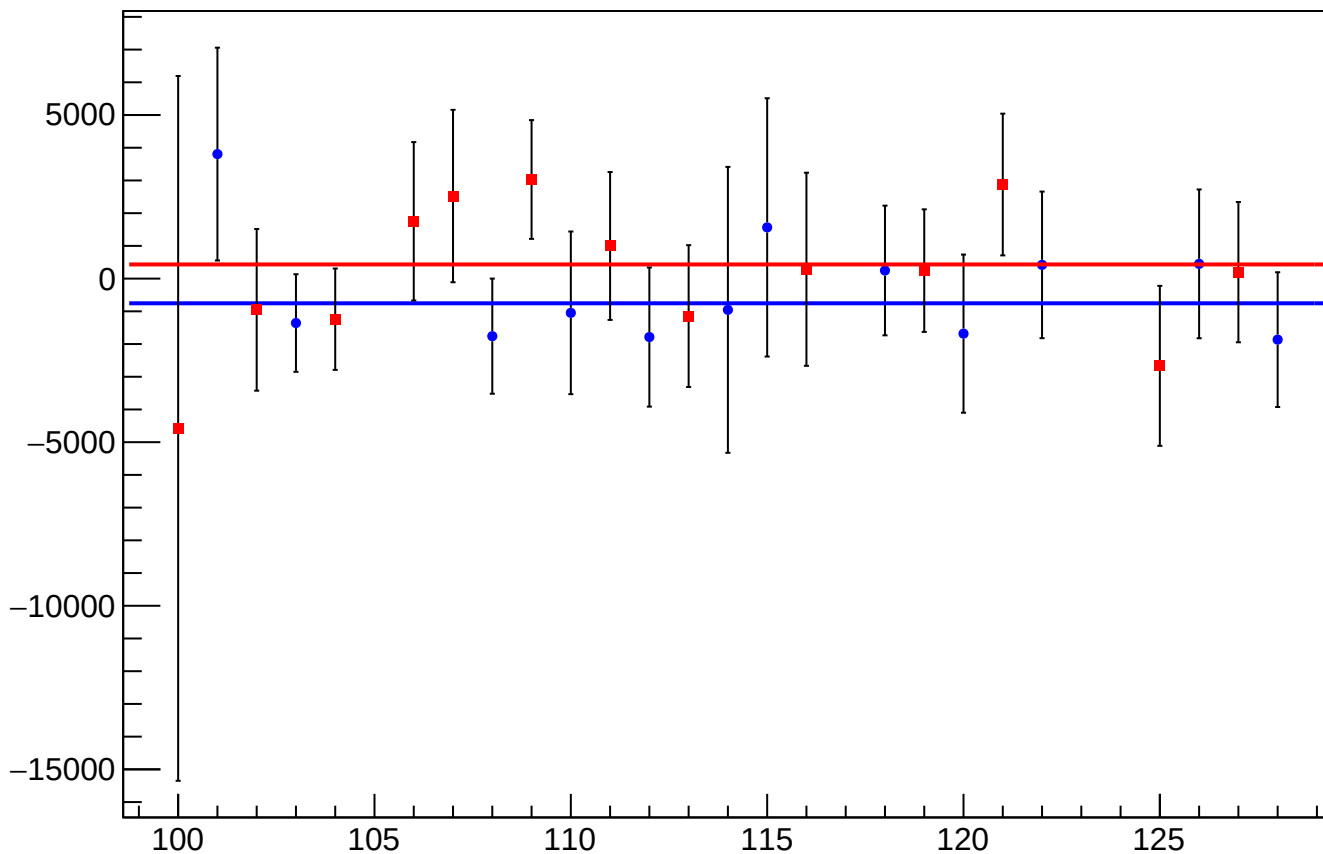
Right Out: 4731.852+/-1.549 χ^2/NDF : 1034578.2/12

All: 5101.278+/-1.177 χ^2/NDF : 1514904.3/24

- 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: -754.475+/-642.774 χ^2 /NDF: 4.3/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 433.130+/-618.491 χ^2 /NDF: 8.2/12

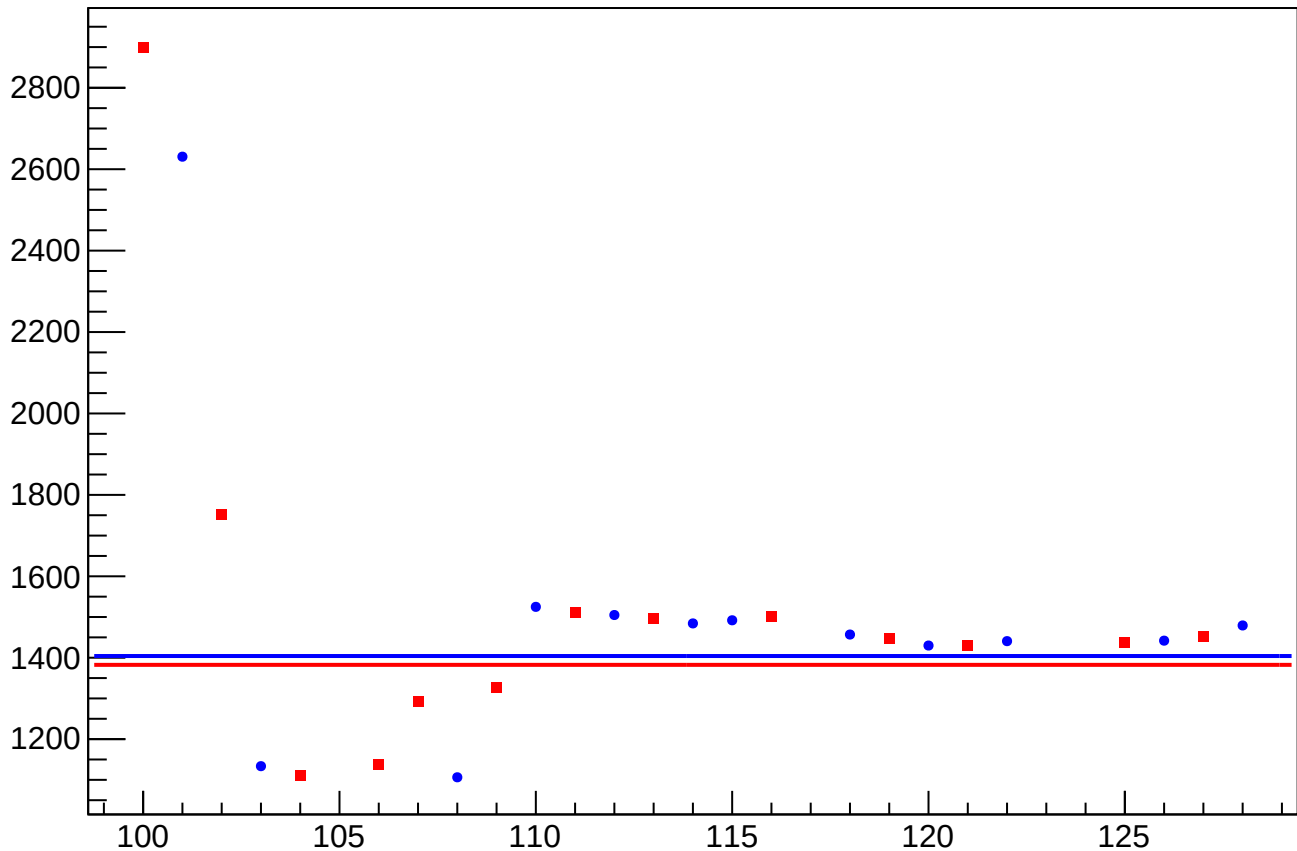
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -137.816+/-445.677 χ^2 /NDF: 14.2/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1404.173+/-0.455 χ^2/NDF : 423825.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1382.466+/-0.436 χ^2/NDF : 194084.3/12

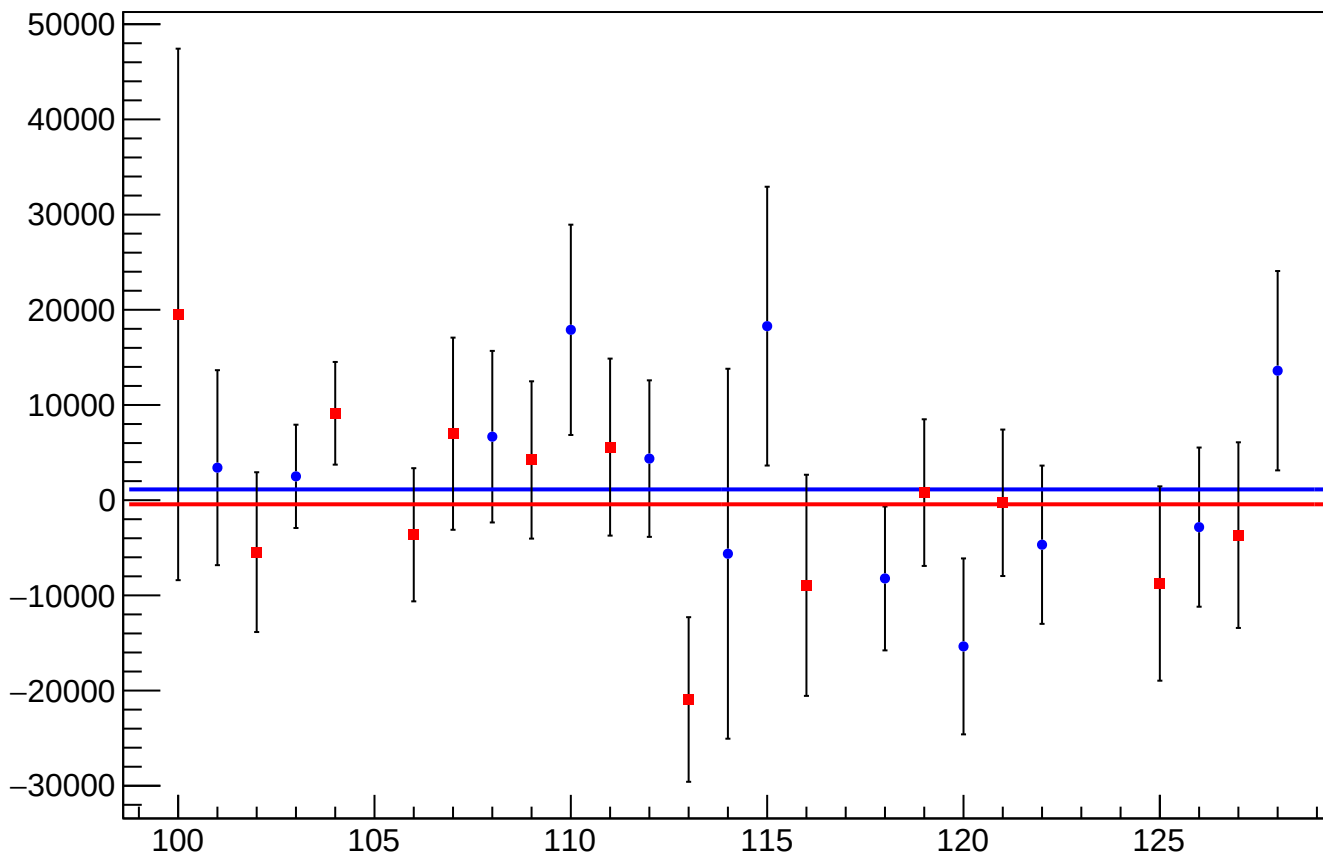
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1392.870+/-0.315 χ^2/NDF : 619097.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_cor_correction_mean vs Slug



Right In: 1131.224+/-2554.618 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -432.976+/-2350.589 χ^2/NDF : 12.5/12

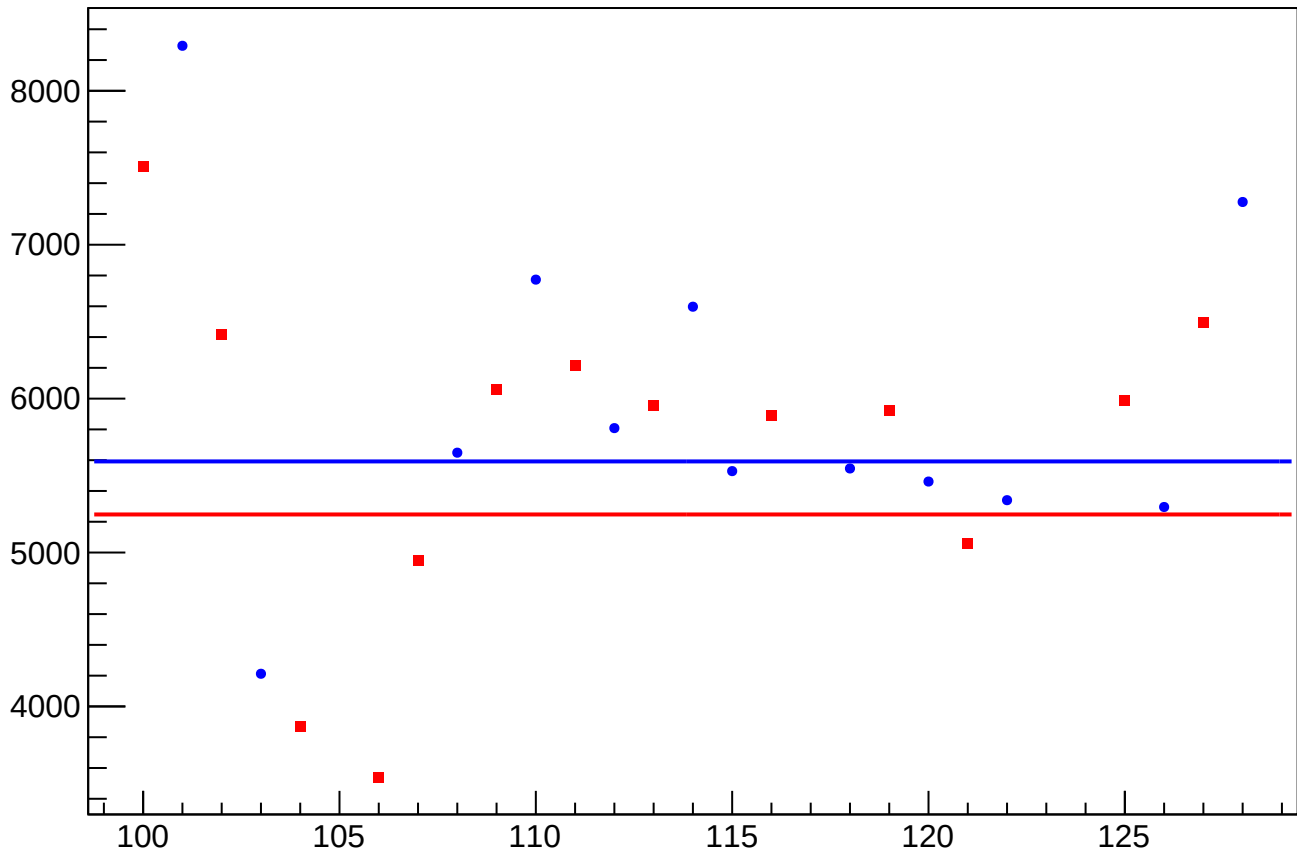
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 284.175+/-1729.756 χ^2/NDF : 23.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_cor_correction_rms vs Slug



Right In: 5592.012+/-1.806 χ^2/NDF : 354764.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

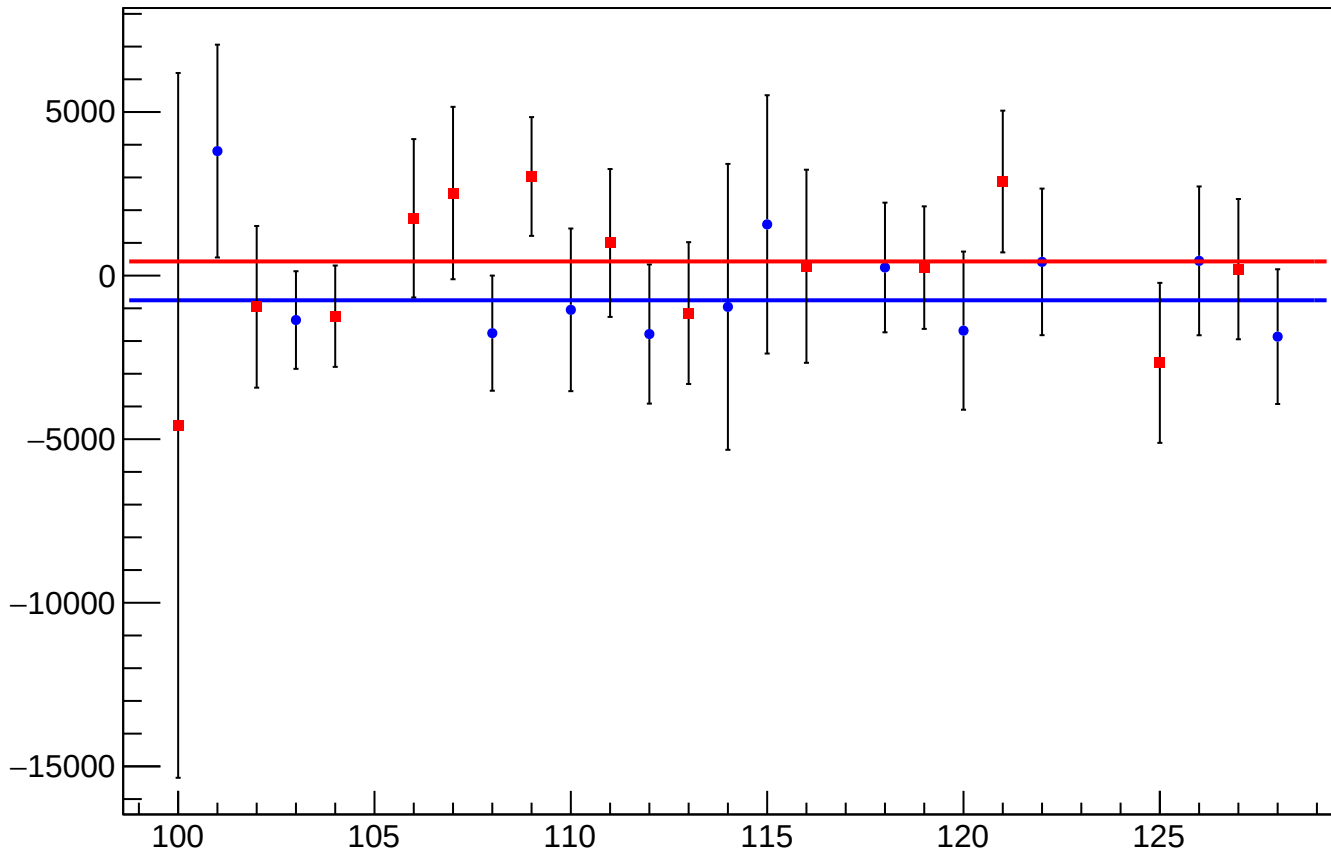
Right Out: 5247.359+/-1.662 χ^2/NDF : 423812.4/12

All: 5405.374+/-1.223 χ^2/NDF : 798290.2/24

- 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: -754.475+/-642.774 χ^2/NDF : 4.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 433.130+/-618.491 χ^2/NDF : 8.2/12

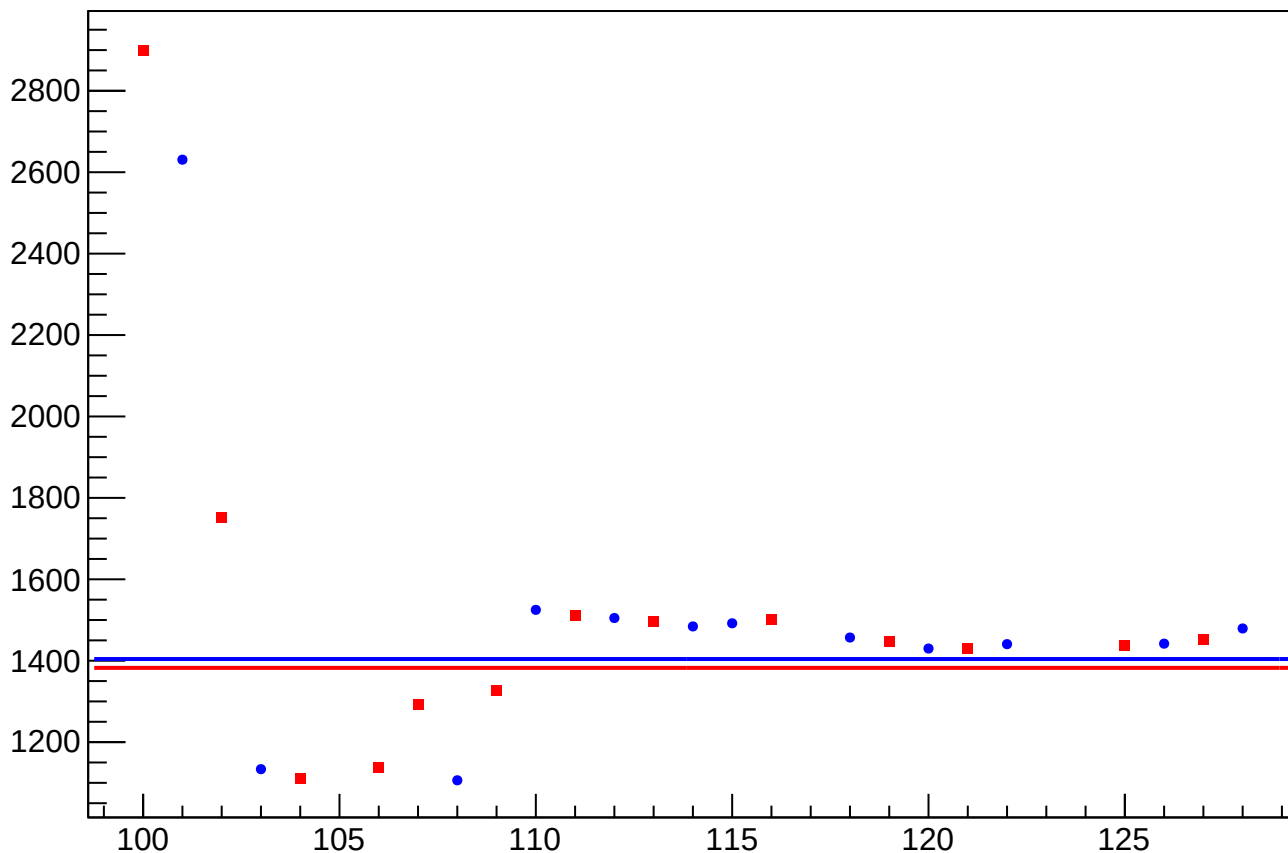
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -137.816+/-445.677 χ^2/NDF : 14.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1404.173+/-0.455 χ^2/NDF : 423825.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

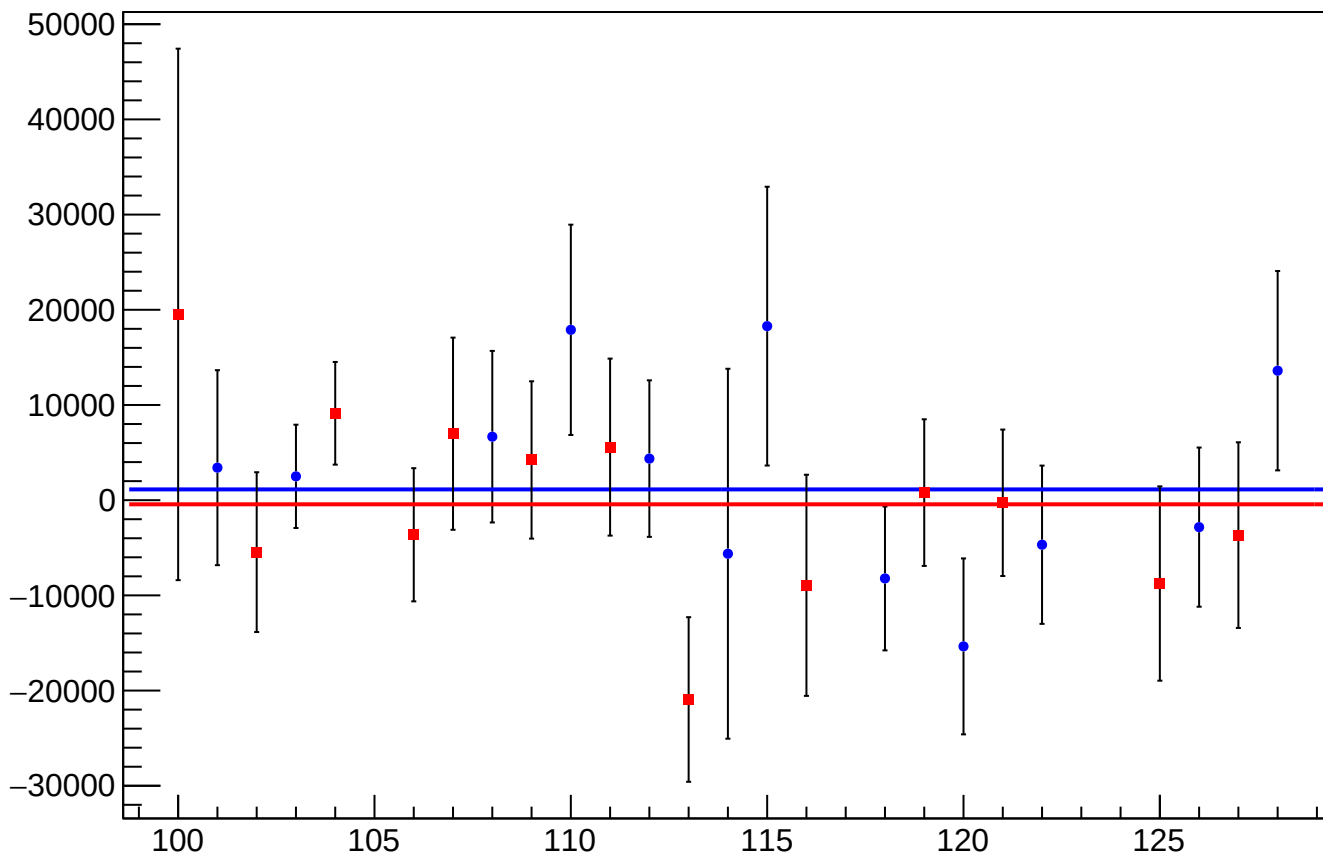
Right Out: 1382.466+/-0.436 χ^2/NDF : 194084.3/12

All: 1392.870+/-0.315 χ^2/NDF : 619097.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_mean vs Slug



Right In: 1131.224+/-2554.618 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -432.976+/-2350.589 χ^2/NDF : 12.5/12

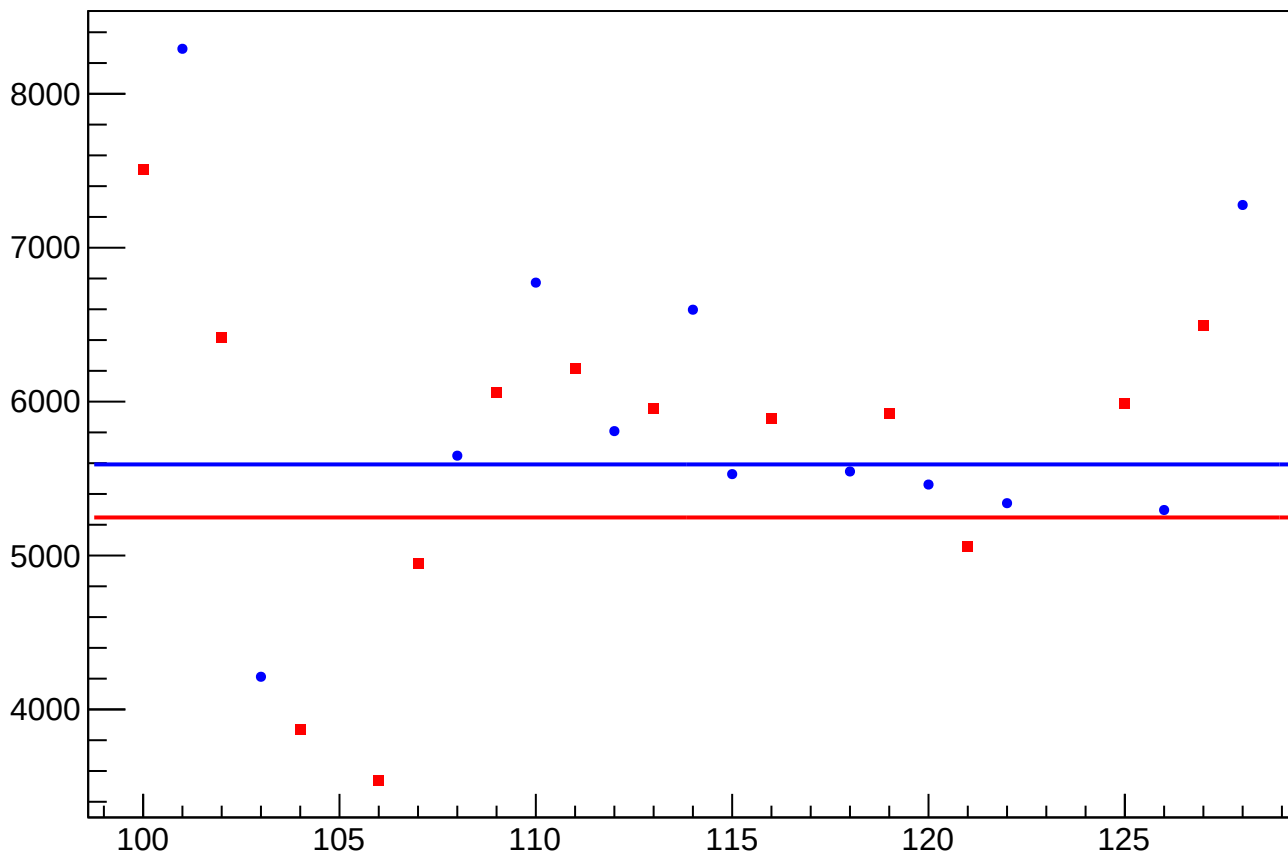
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 284.175+/-1729.756 χ^2/NDF : 23.9/24

- 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: 5592.012+/-1.806 χ^2/NDF : 354764.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

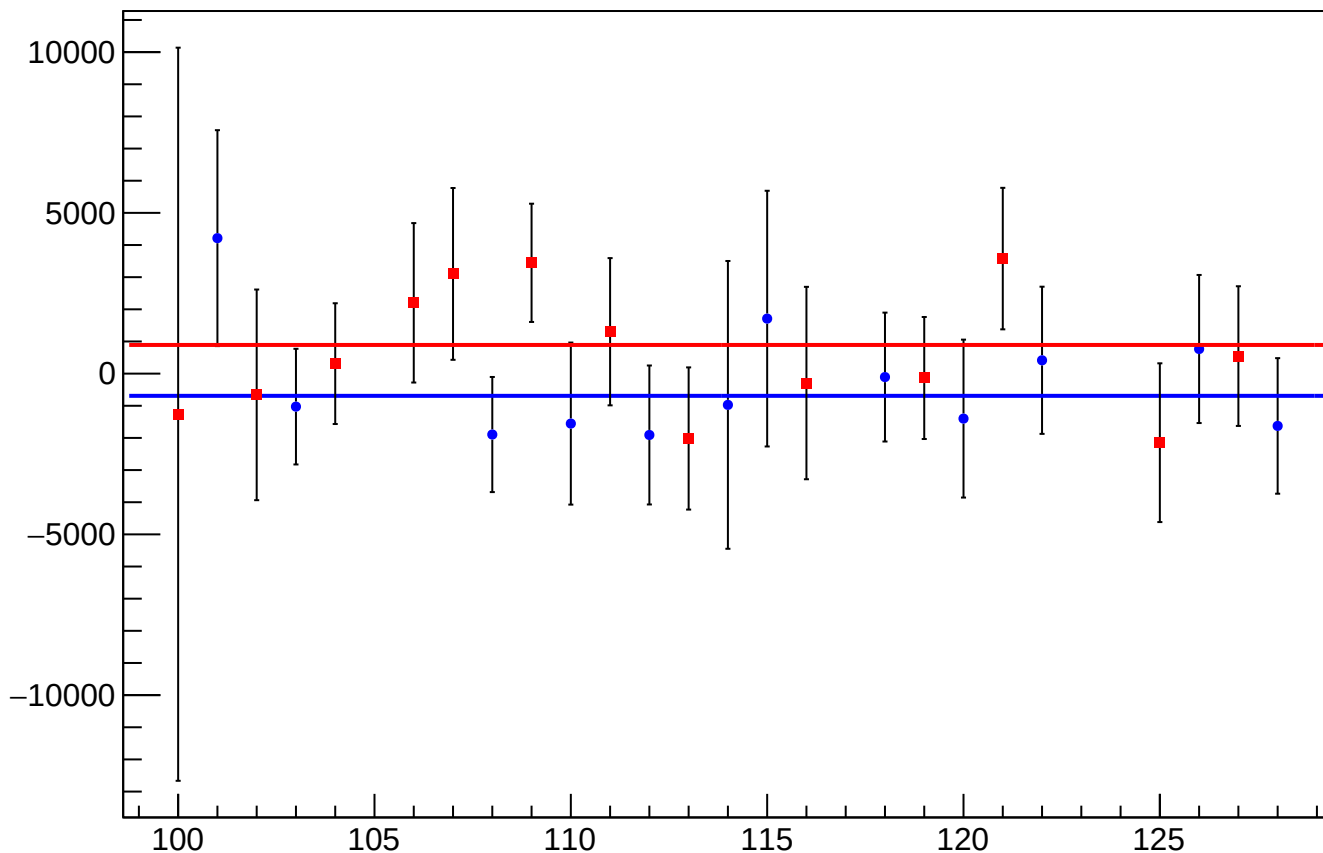
Right Out: 5247.359+/-1.662 χ^2/NDF : 423812.4/12

All: 5405.374+/-1.223 χ^2/NDF : 798290.2/24

- 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_dd_mean vs Slug



Right In: -690.932+/-672.135 χ^2 /NDF: 4.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 891.824+/-652.366 χ^2 /NDF: 8.5/12

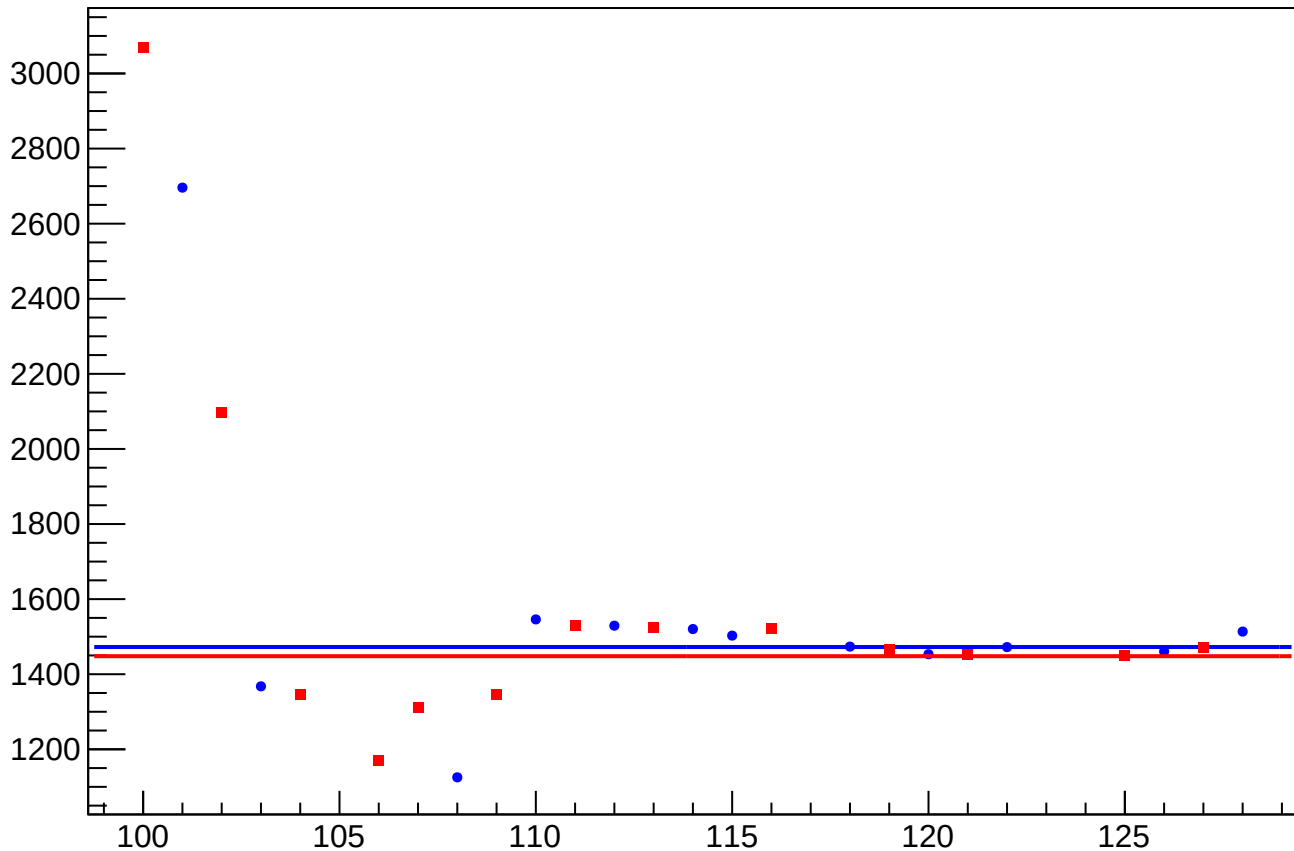
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 124.064+/-468.125 χ^2 /NDF: 15.8/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1472.434+/-0.475 χ^2/NDF : 351852.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1447.994+/-0.461 χ^2/NDF : 168117.3/12

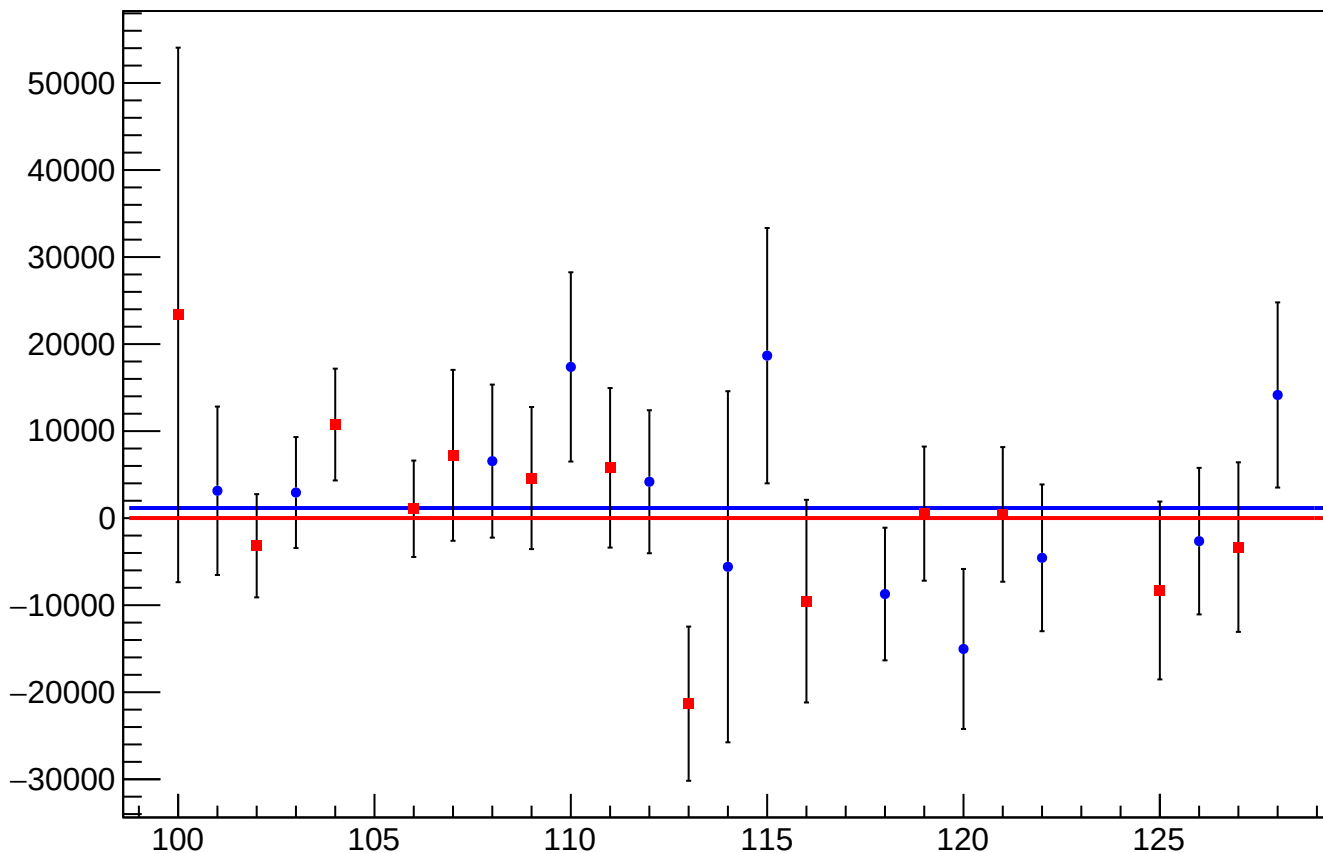
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1459.845+/-0.331 χ^2/NDF : 521331.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_dit_correction_mean vs Slug



Right In: 1164.891 $\pm$ 2629.293 χ^2 /NDF: 11.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.363 $\pm$ 2250.868 χ^2 /NDF: 12.2/12

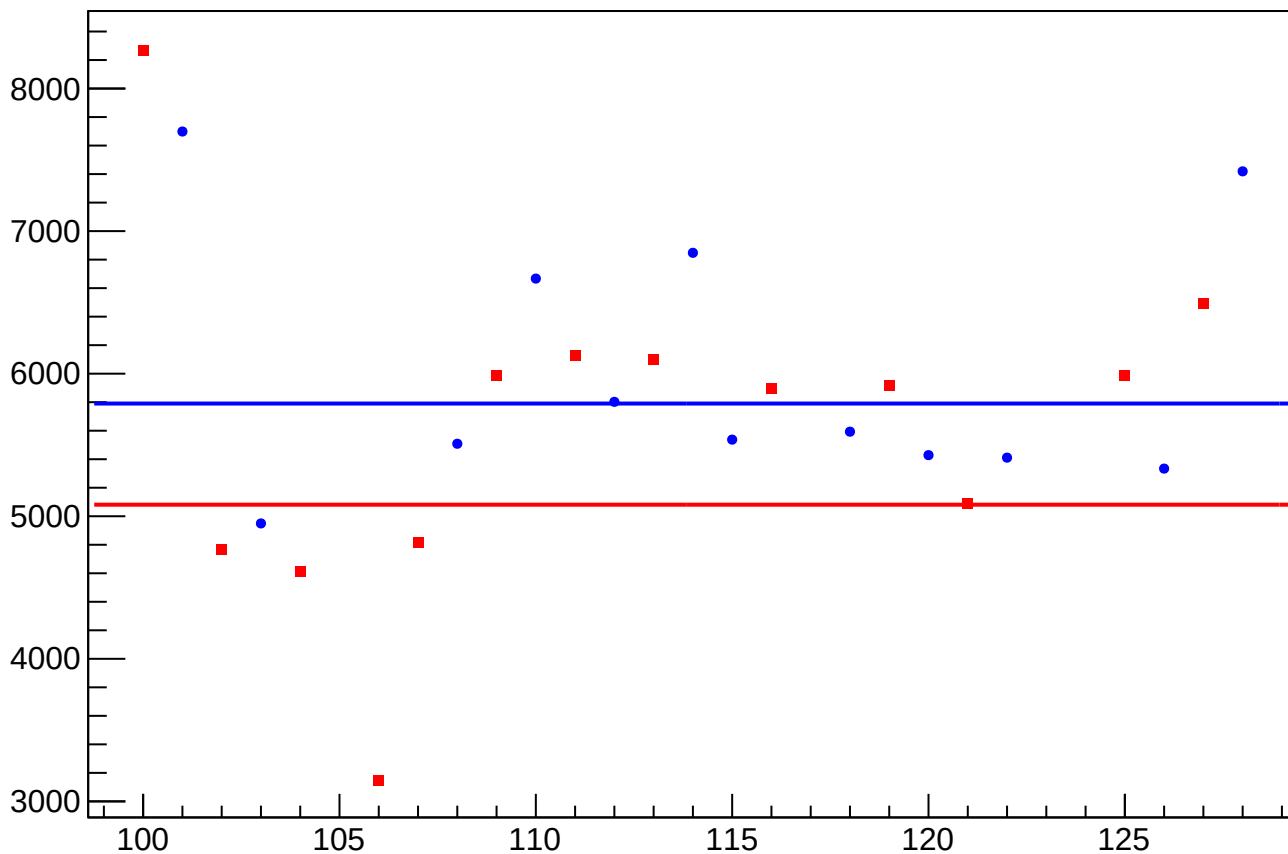
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 500.367 $\pm$ 1709.890 χ^2 /NDF: 23.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_dit_correction_rms vs Slug



Right In: 5790.523+/-1.859 χ^2/NDF : 194959.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

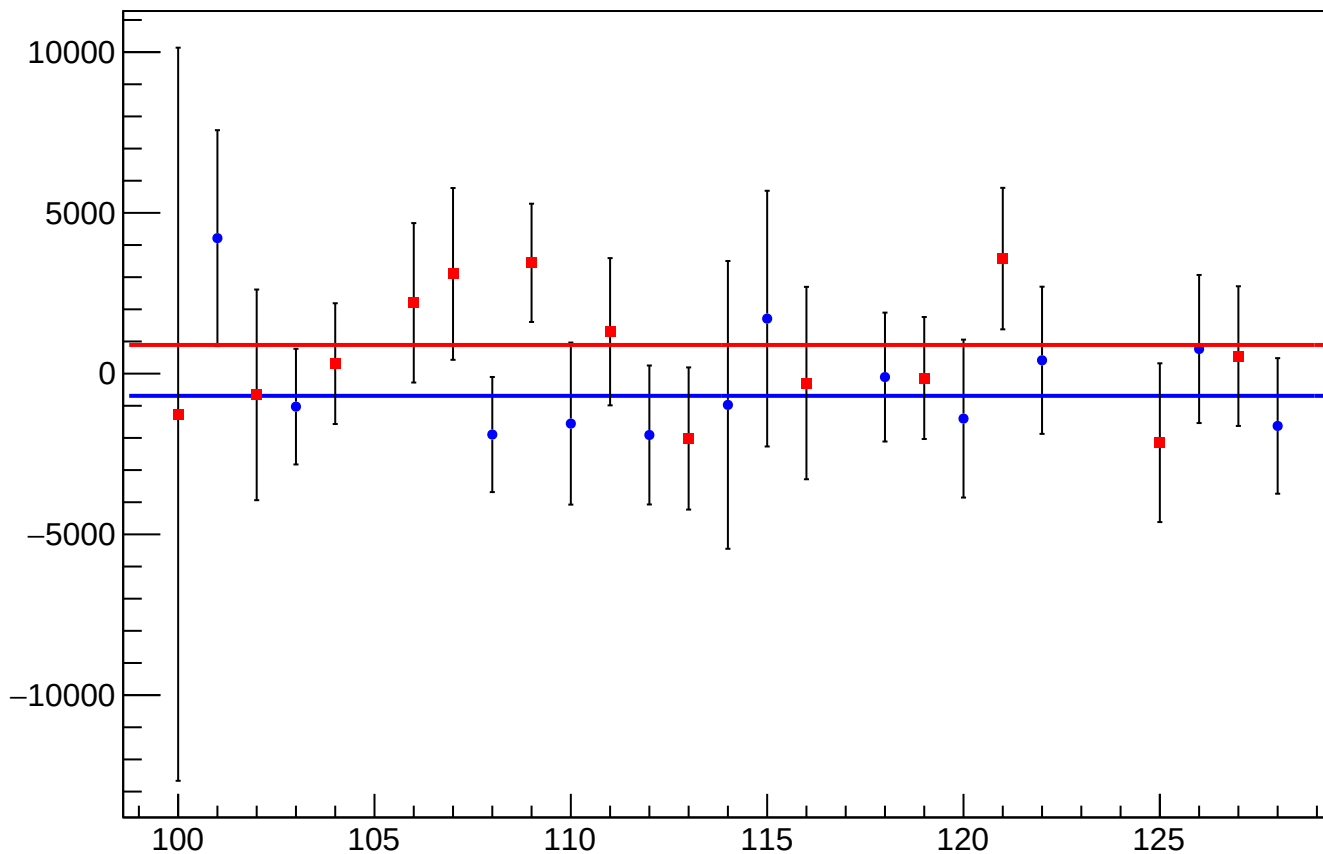
Right Out: 5081.055+/-1.592 χ^2/NDF : 450975.3/12

All: 5381.103+/-1.209 χ^2/NDF : 729968.4/24

- 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: -690.938+/-672.135 χ^2/NDF : 4.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 891.836+/-652.366 χ^2/NDF : 8.5/12

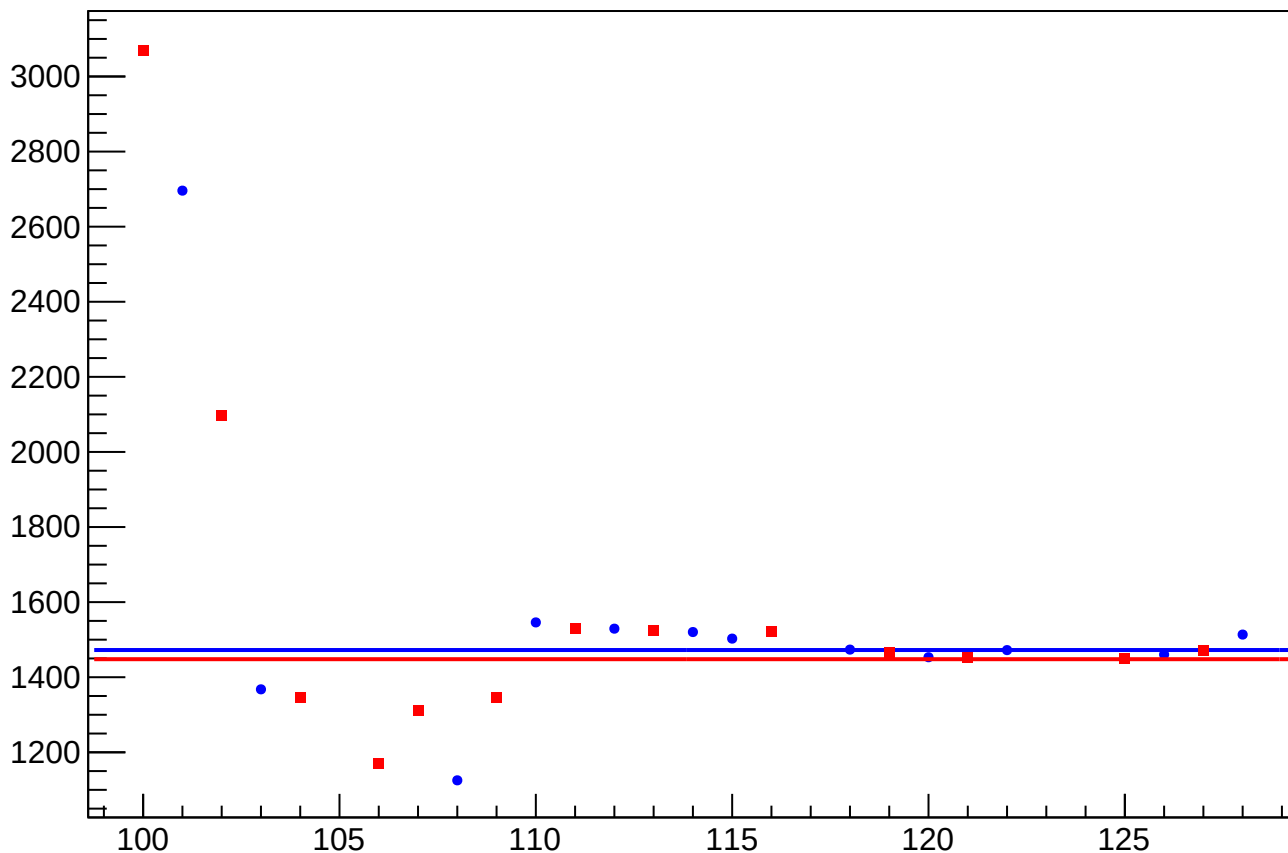
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.067+/-468.125 χ^2/NDF : 15.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1472.434+/-0.475 χ^2/NDF : 351851.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1447.995+/-0.461 χ^2/NDF : 168117.6/12

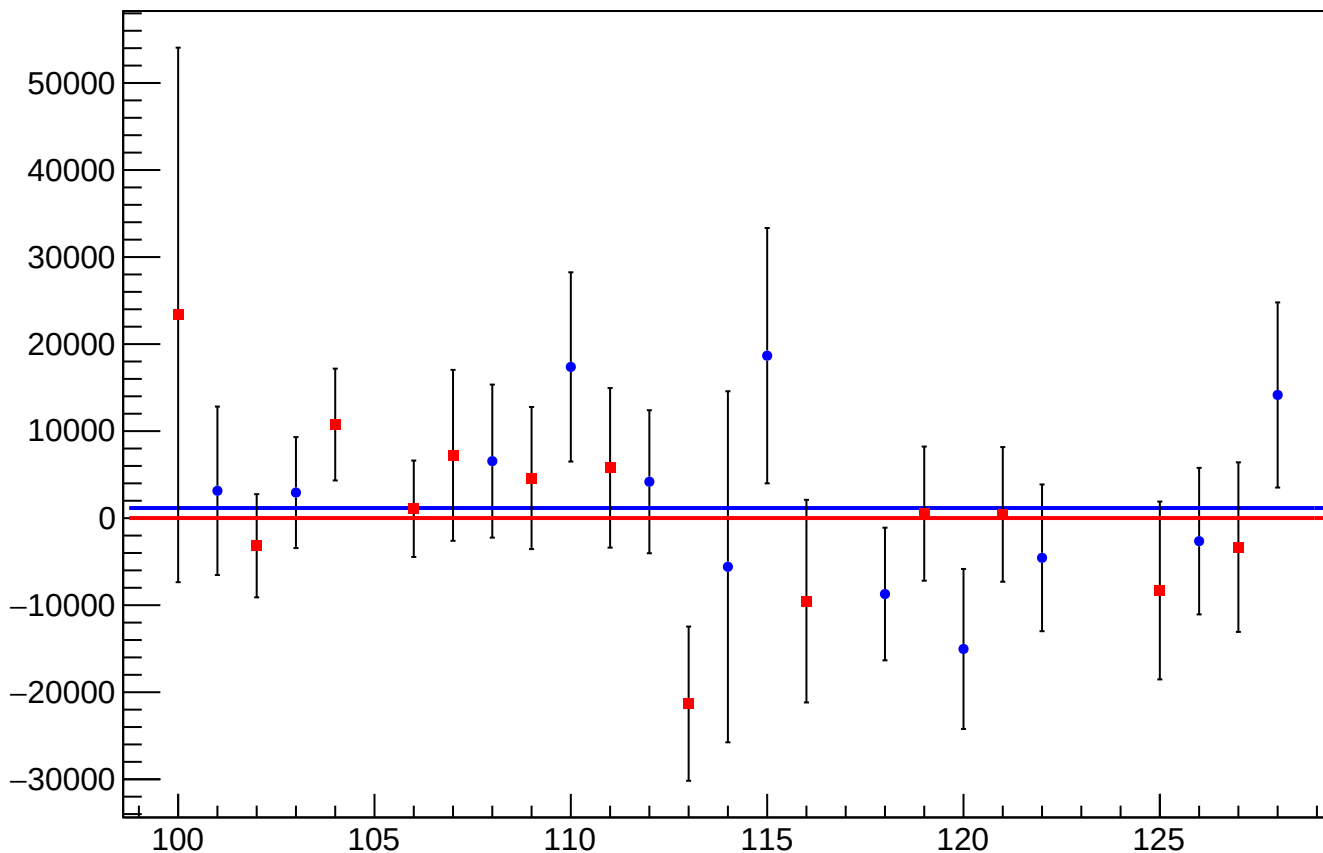
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1459.845+/-0.331 χ^2/NDF : 521331.5/24

- 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: 1164.878+/-2629.286 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.370+/-2250.863 χ^2/NDF : 12.2/12

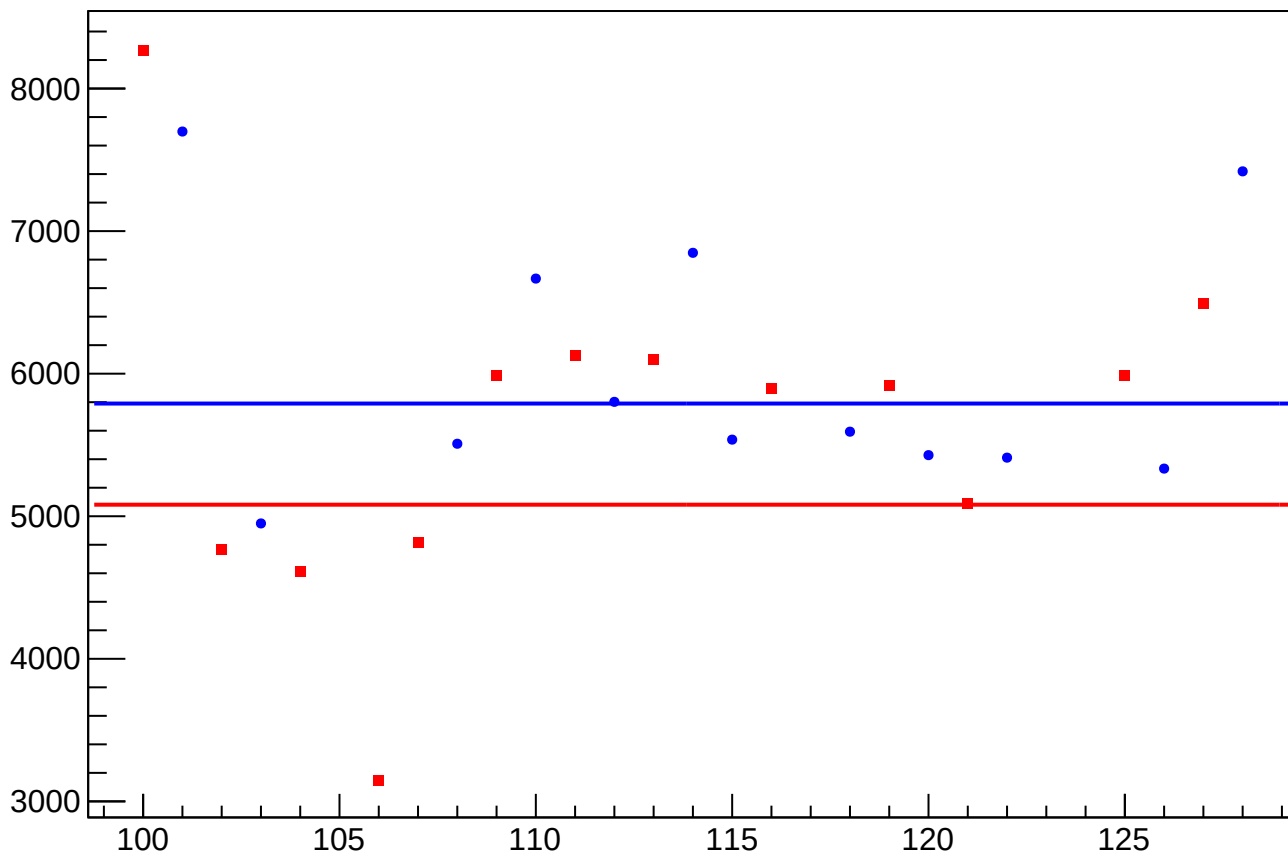
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 500.366+/-1709.886 χ^2/NDF : 23.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_rms vs Slug



Right In: 5790.507 $\pm$ 1.859 χ^2 /NDF: 194959.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

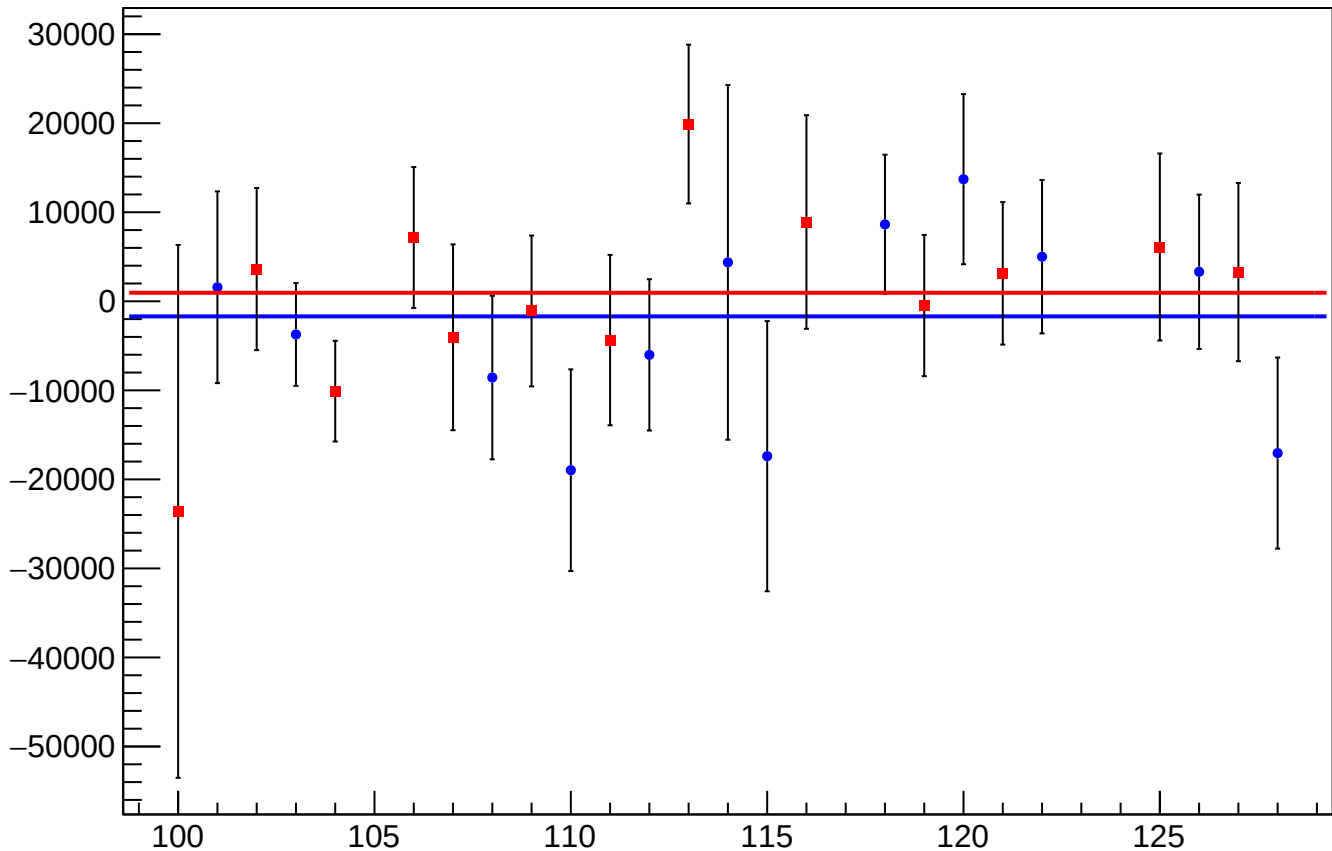
Right Out: 5081.044 $\pm$ 1.592 χ^2 /NDF: 450974.4/12

All: 5381.090 $\pm$ 1.209 χ^2 /NDF: 729966.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -1694.699+/-2655.779 χ^2/NDF : 11.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 959.126+/-2465.071 χ^2/NDF : 11.1/12

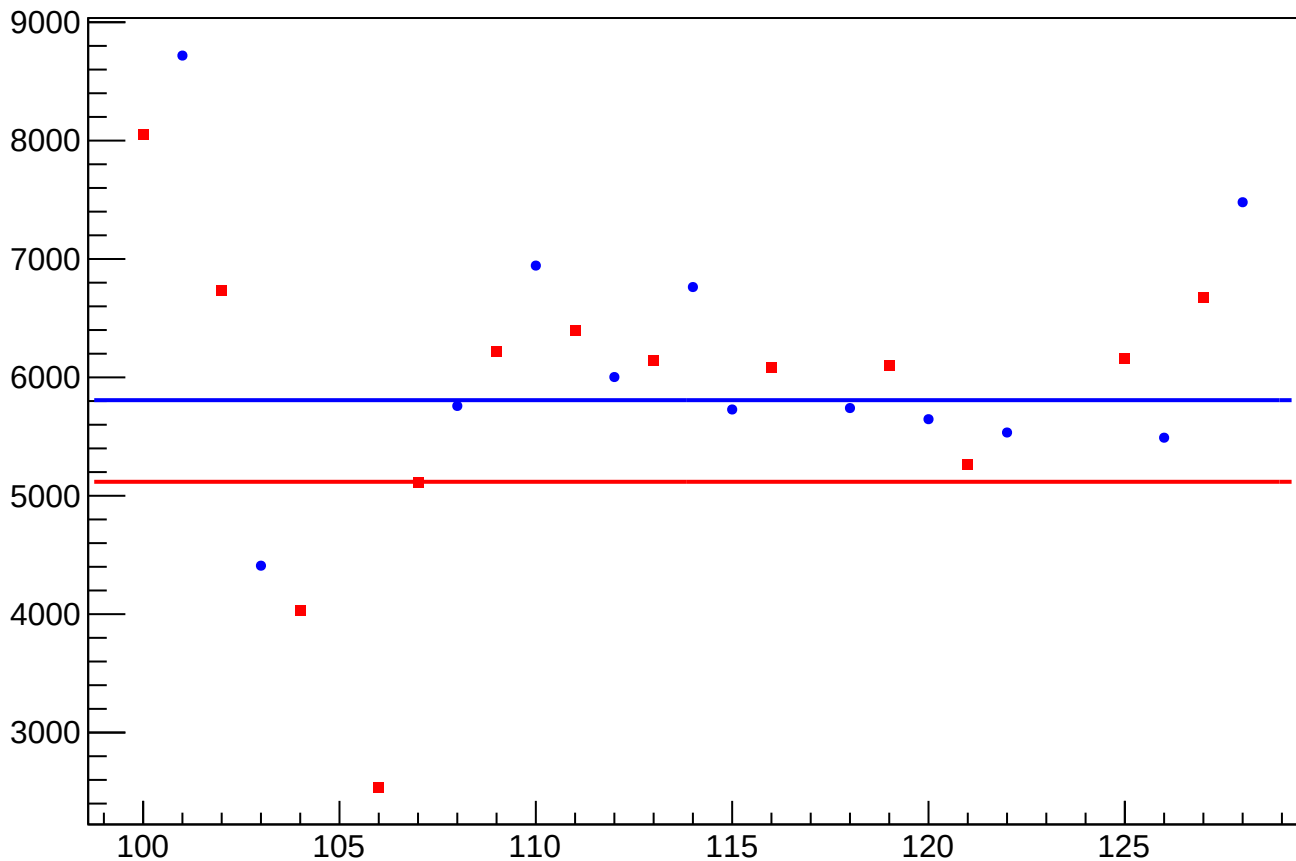
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -269.091+/-1806.730 χ^2/NDF : 23.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 5807.529+/-1.878 χ^2/NDF : 343349.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

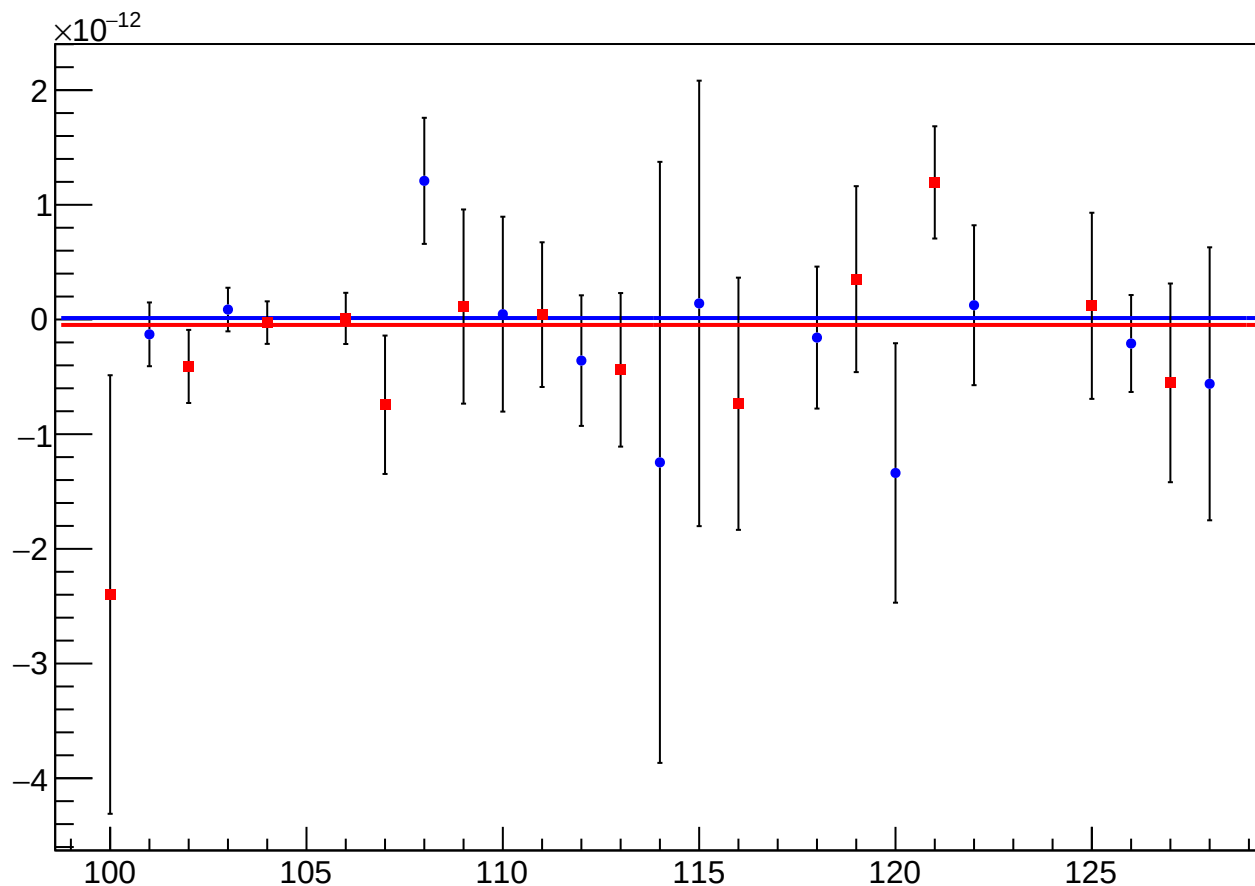
Right Out: 5118.079+/-1.667 χ^2/NDF : 779425.5/12

All: 5422.011+/-1.247 χ^2/NDF : 1198145.2/24

- 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+/-0.000 χ^2/NDF : 7.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.1/12

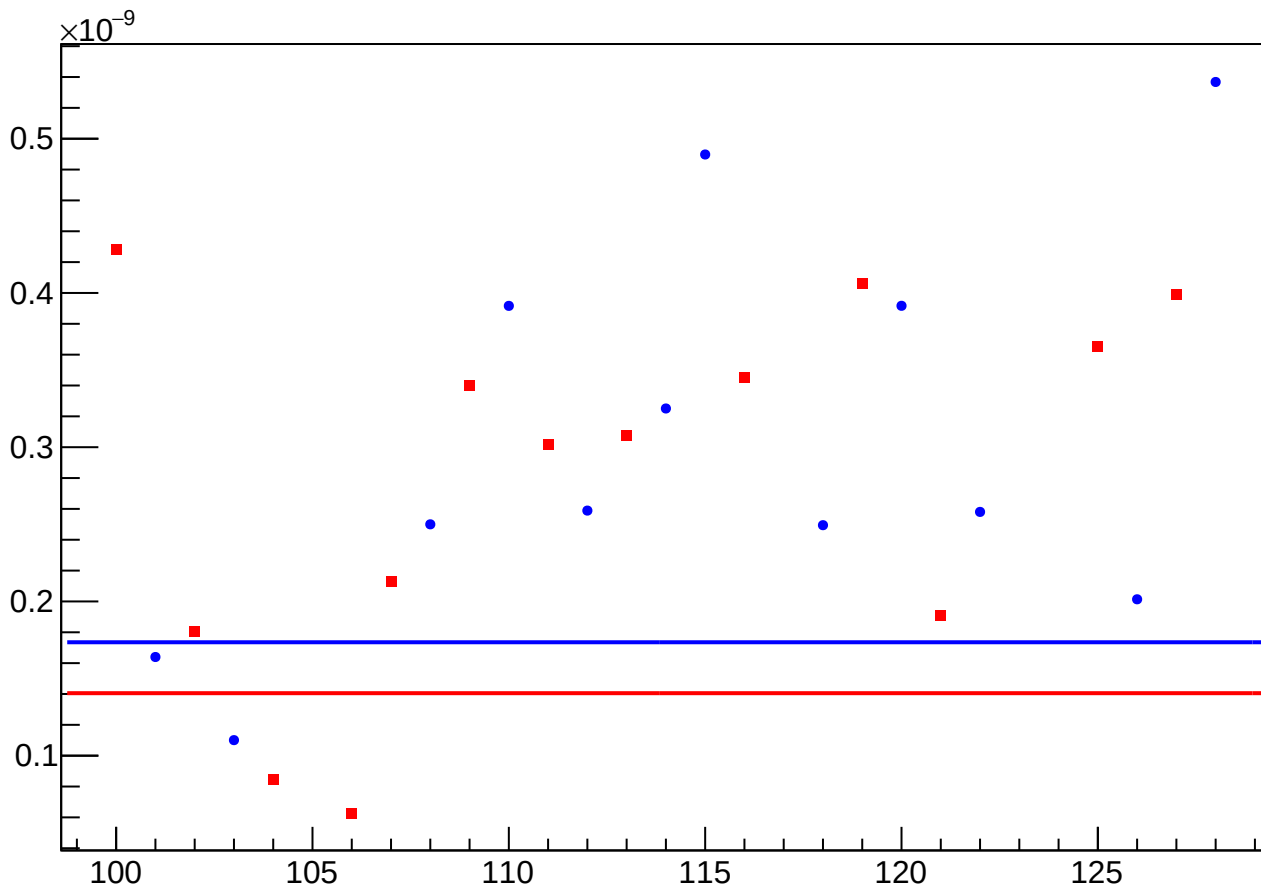
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 829137.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1536710.8/12

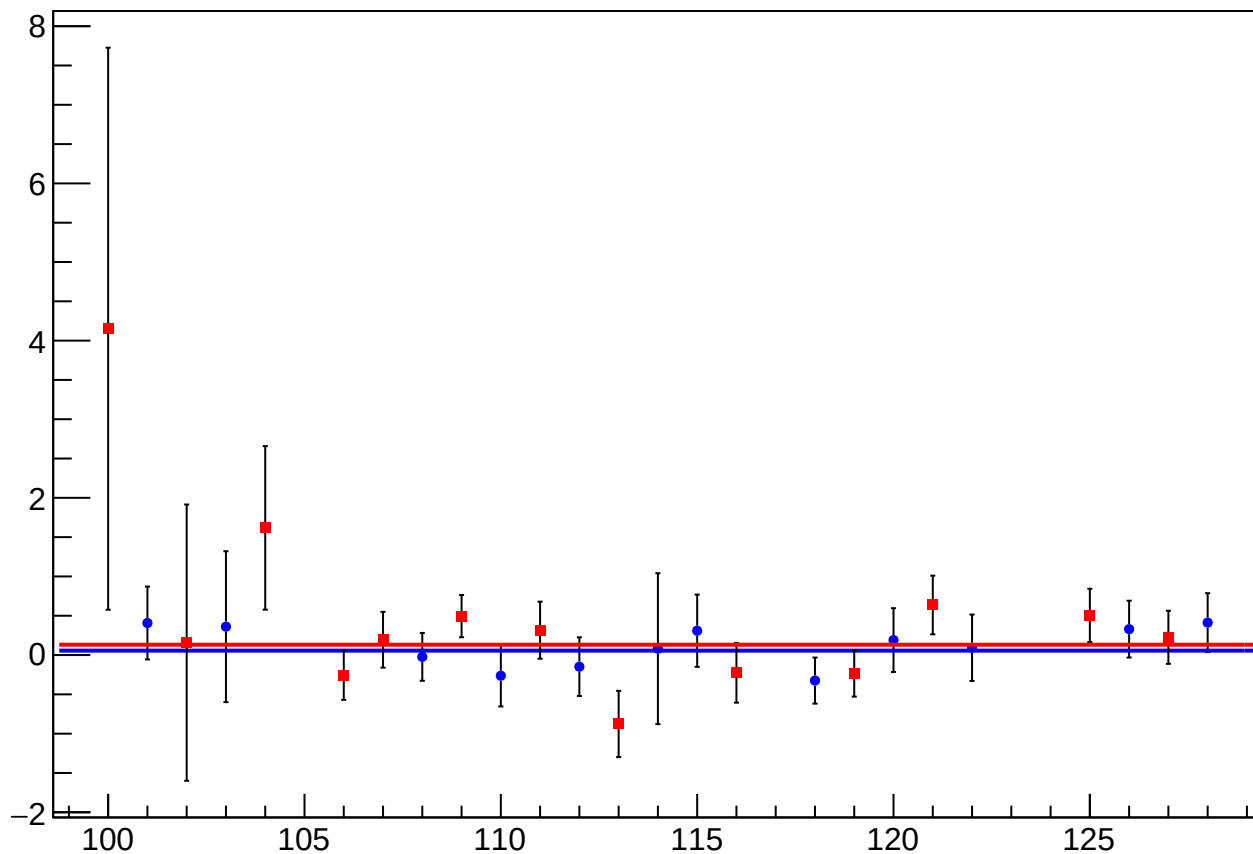
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2439942.5/24

- 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: 0.056+/-0.116 χ^2/NDF : 5.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.132+/-0.106 χ^2/NDF : 18.2/12

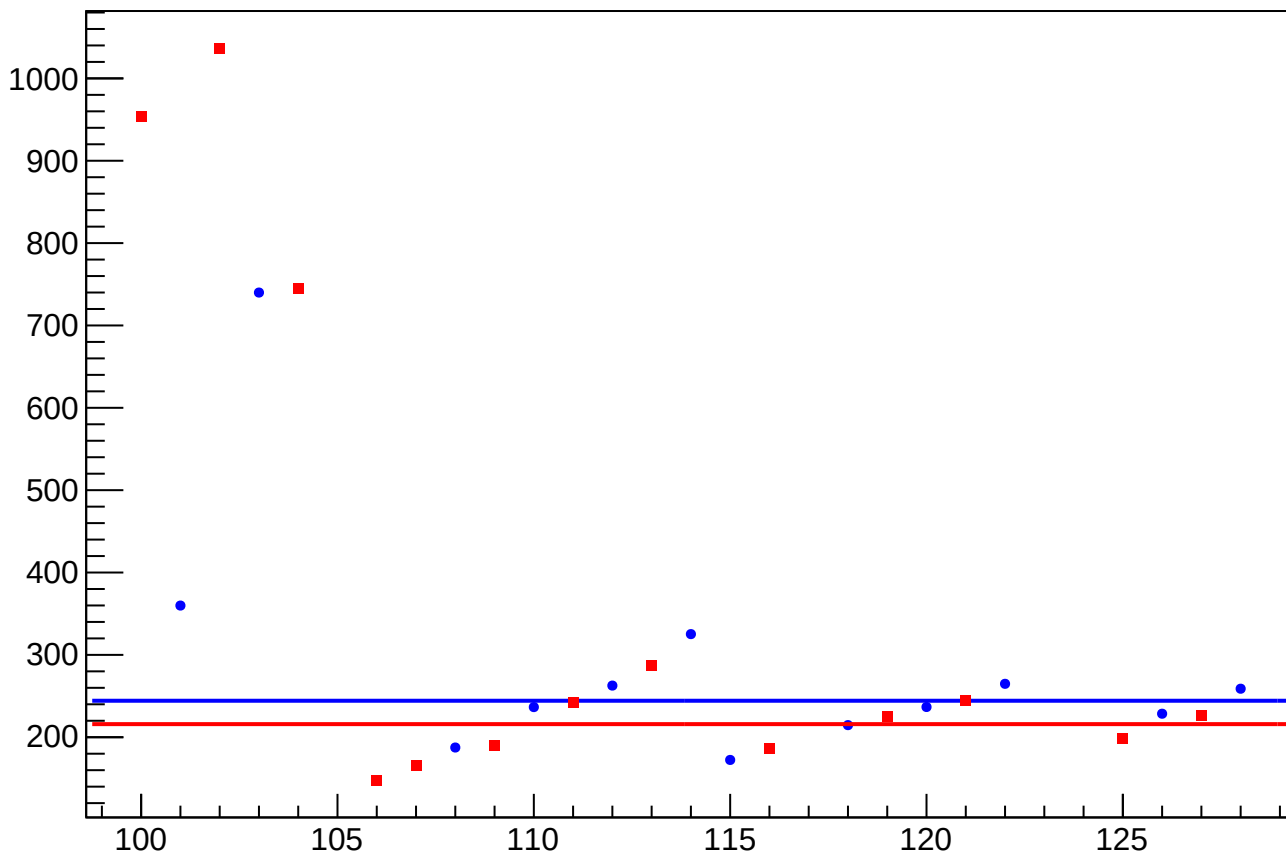
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.098+/-0.078 χ^2/NDF : 23.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_rms vs Slug



Right In: 244.308+/-0.082 χ^2/NDF : 828716.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

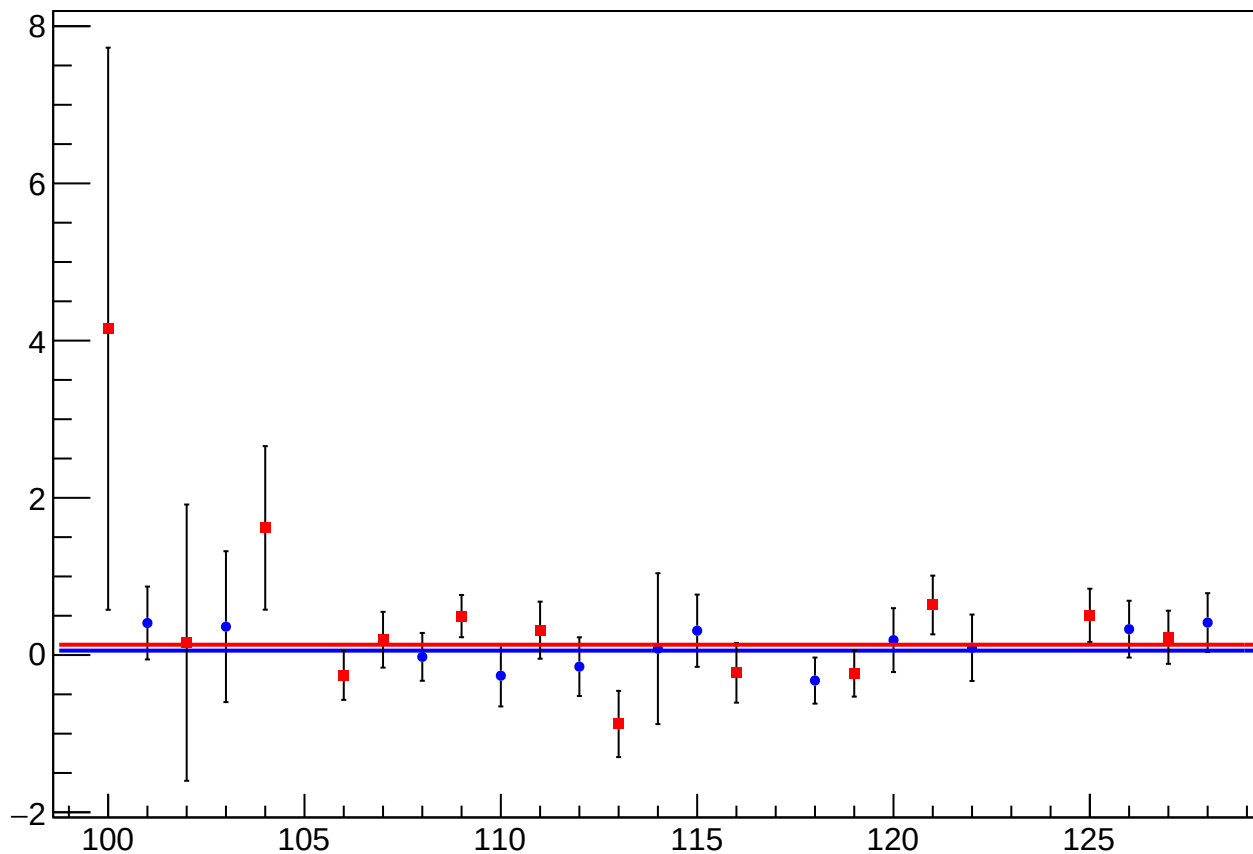
Right Out: 215.919+/-0.075 χ^2/NDF : 1294250.4/12

All: 228.771+/-0.055 χ^2/NDF : 2188380.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.056+/-0.116 χ^2/NDF : 5.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.132+/-0.106 χ^2/NDF : 18.2/12

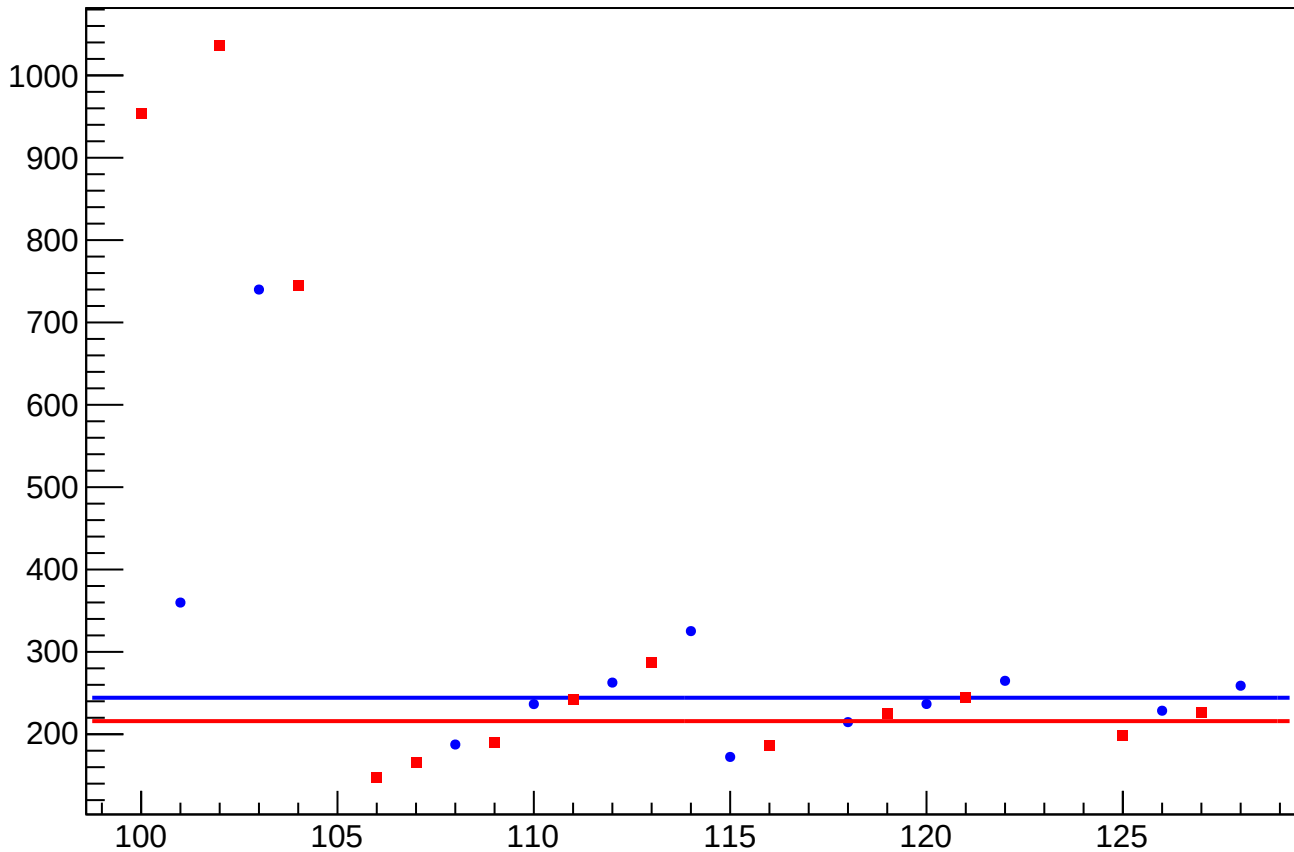
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.098+/-0.078 χ^2/NDF : 23.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 244.308 $\pm$ 0.082 χ^2 /NDF: 828716.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

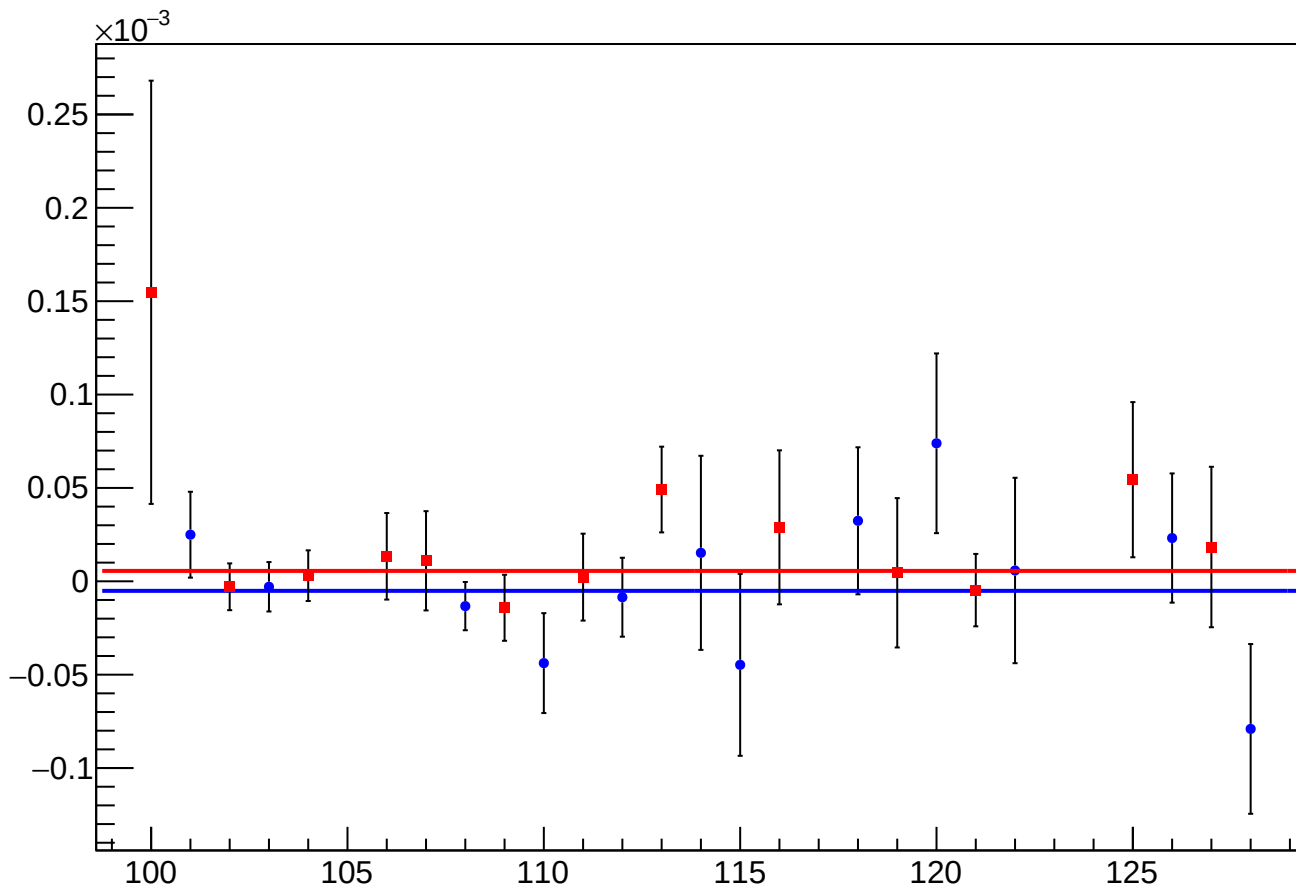
Right Out: 215.919 $\pm$ 0.075 χ^2 /NDF: 1294250.4/12

All: 228.771 $\pm$ 0.055 χ^2 /NDF: 2188380.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.3/12

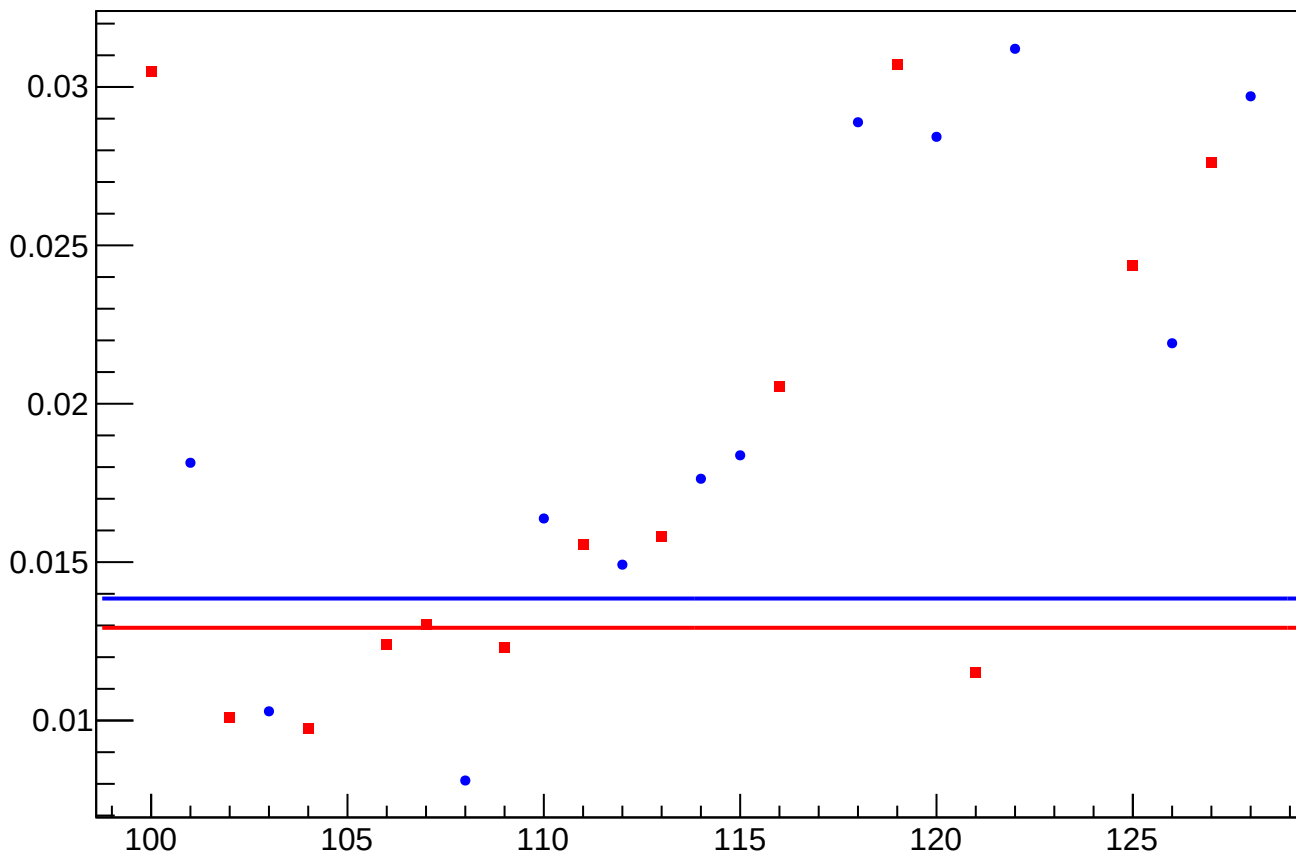
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 1732431.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 1180318.0/12

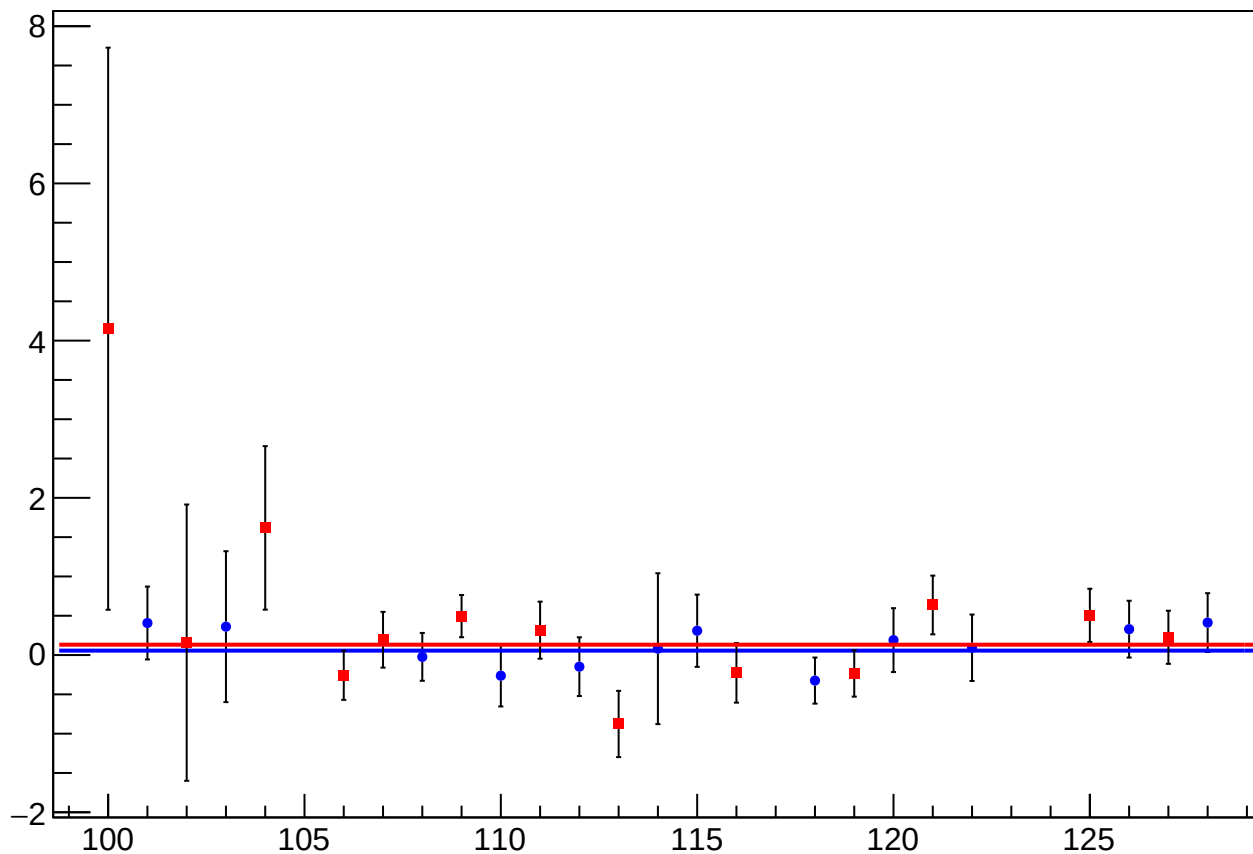
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 2932854.0/24

- 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: 0.056+/-0.116 χ^2/NDF : 5.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.132+/-0.106 χ^2/NDF : 18.2/12

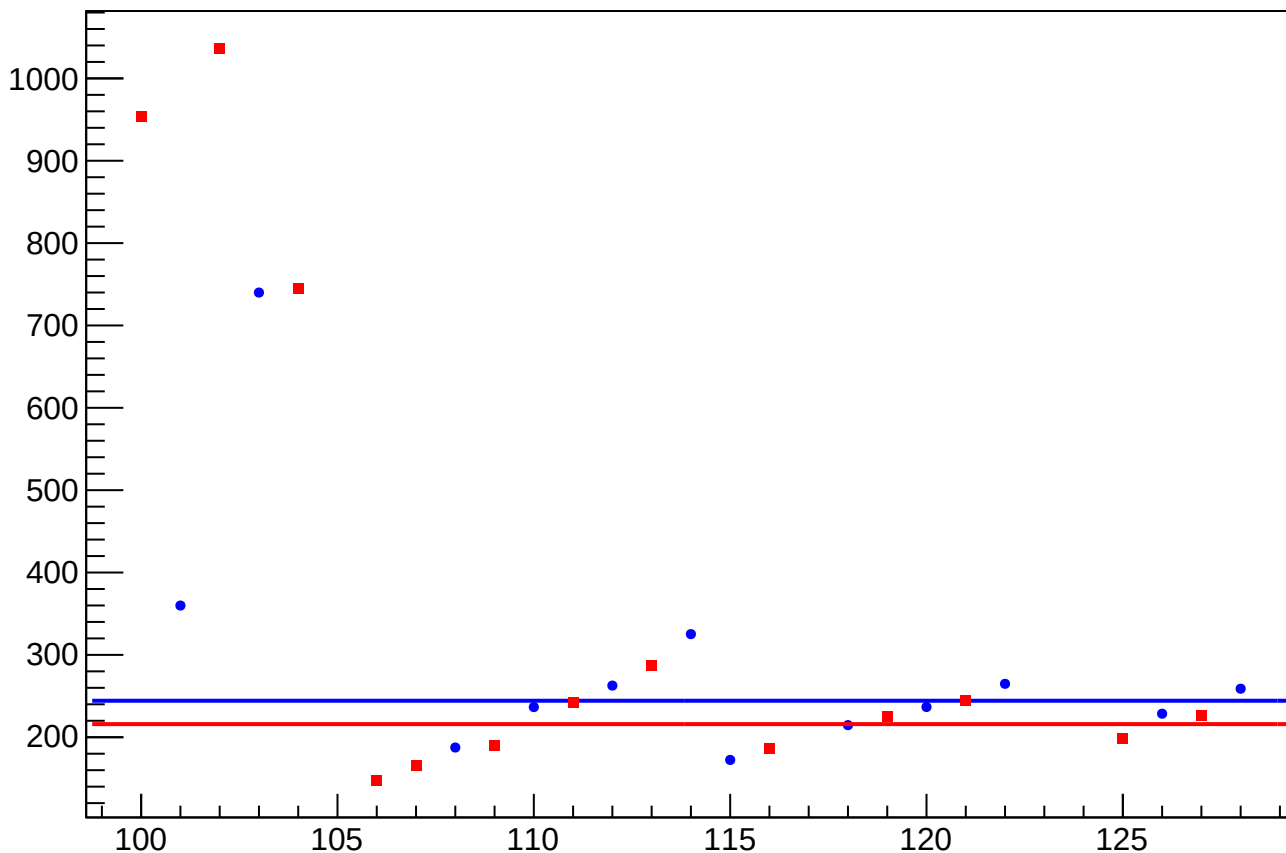
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.098+/-0.078 χ^2/NDF : 23.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 244.308+/-0.082 χ^2/NDF : 828699.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 215.920+/-0.075 χ^2/NDF : 1294250.1/12

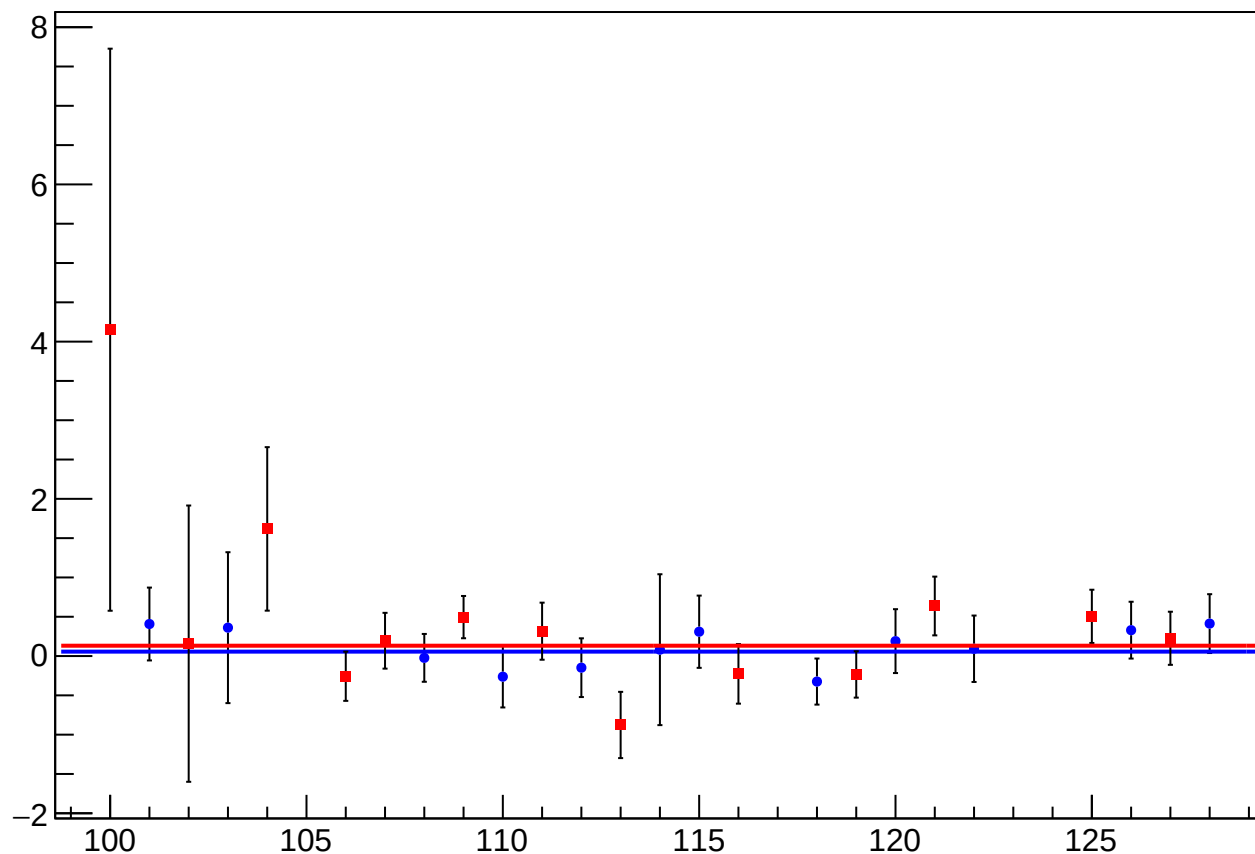
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.773+/-0.055 χ^2/NDF : 2188356.4/24

- 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: 0.056 $\pm$ 0.116 χ^2 /NDF: 5.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.132 $\pm$ 0.106 χ^2 /NDF: 18.2/12

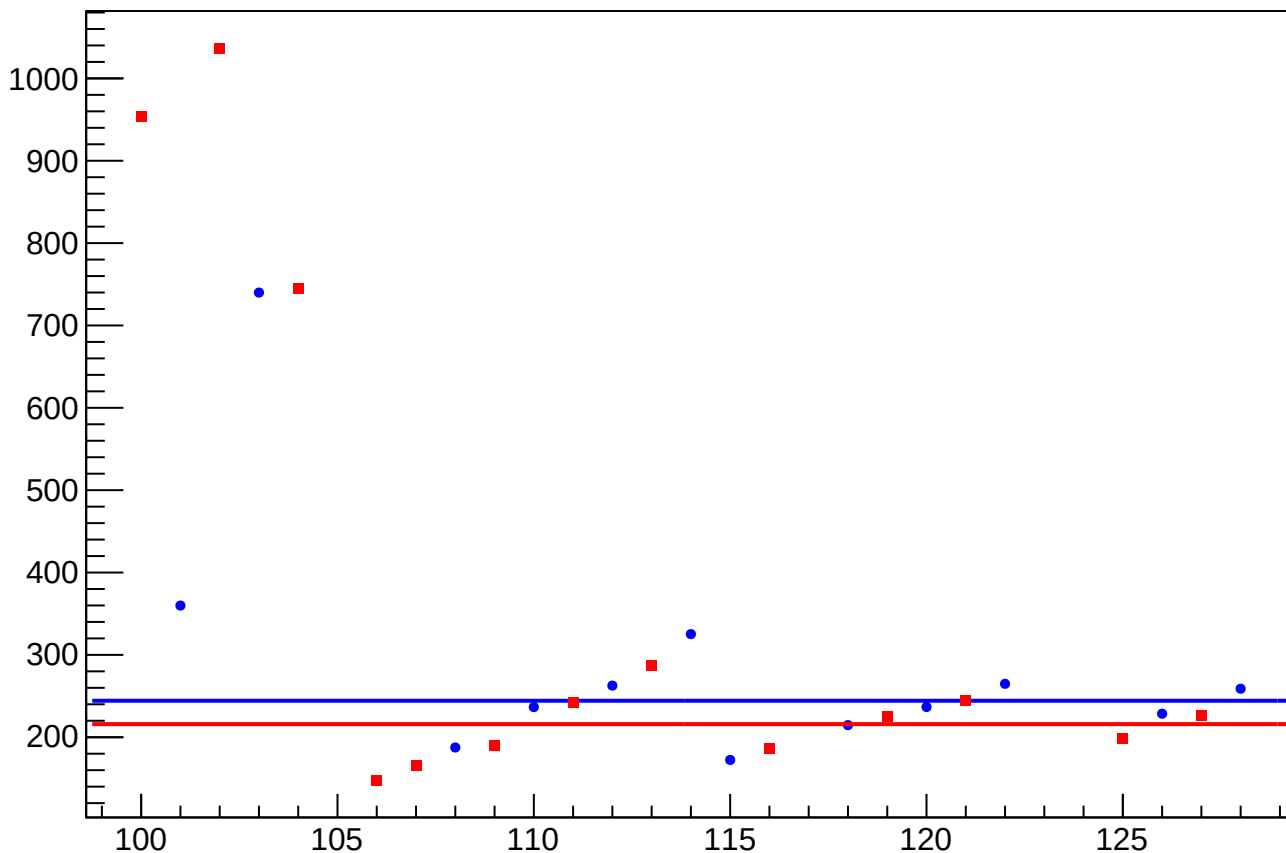
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.098 $\pm$ 0.078 χ^2 /NDF: 23.8/24

- 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: 244.308+/-0.082 χ^2/NDF : 828699.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 215.920+/-0.075 χ^2/NDF : 1294250.1/12

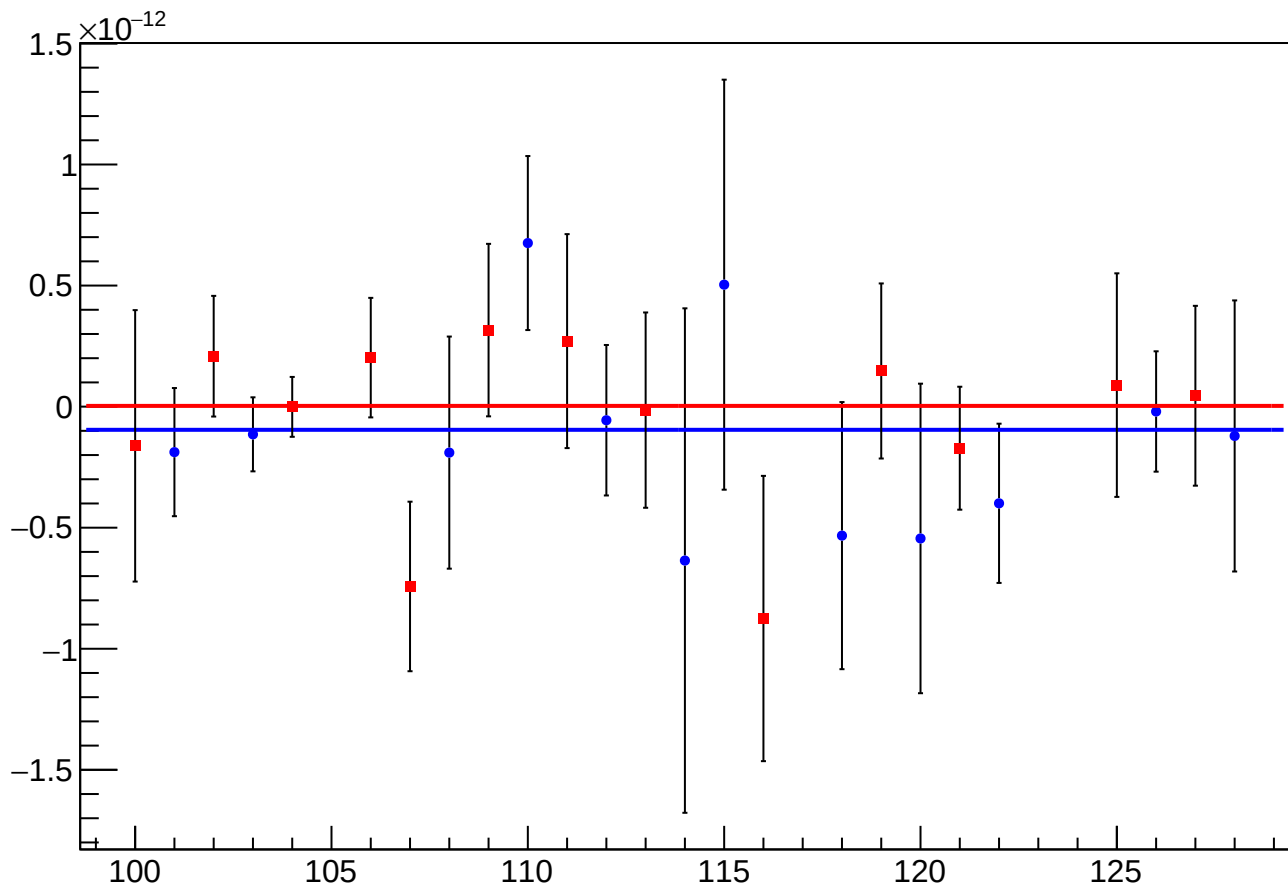
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.773+/-0.055 χ^2/NDF : 2188356.4/24

- 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: 7.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.0/12

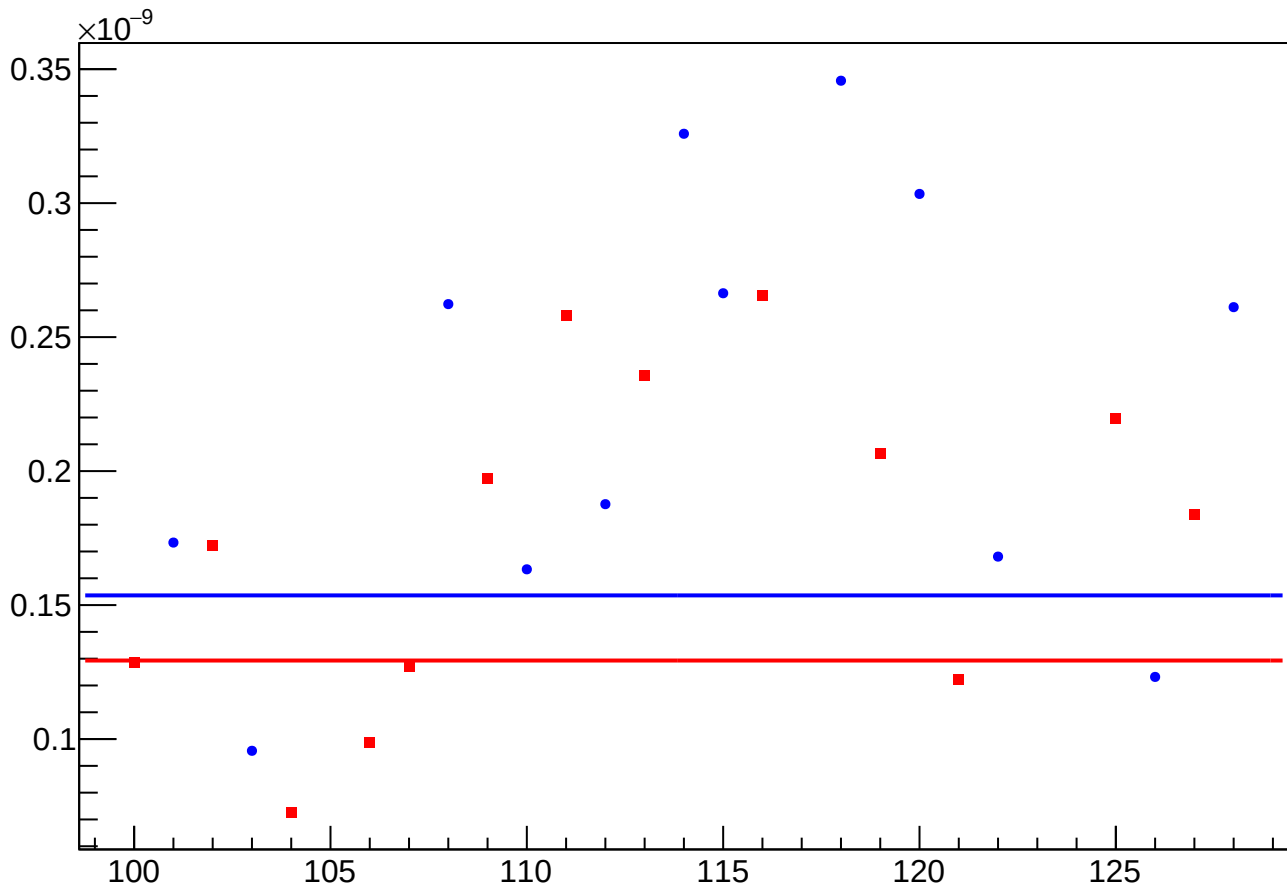
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 977422.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1212299.3/12

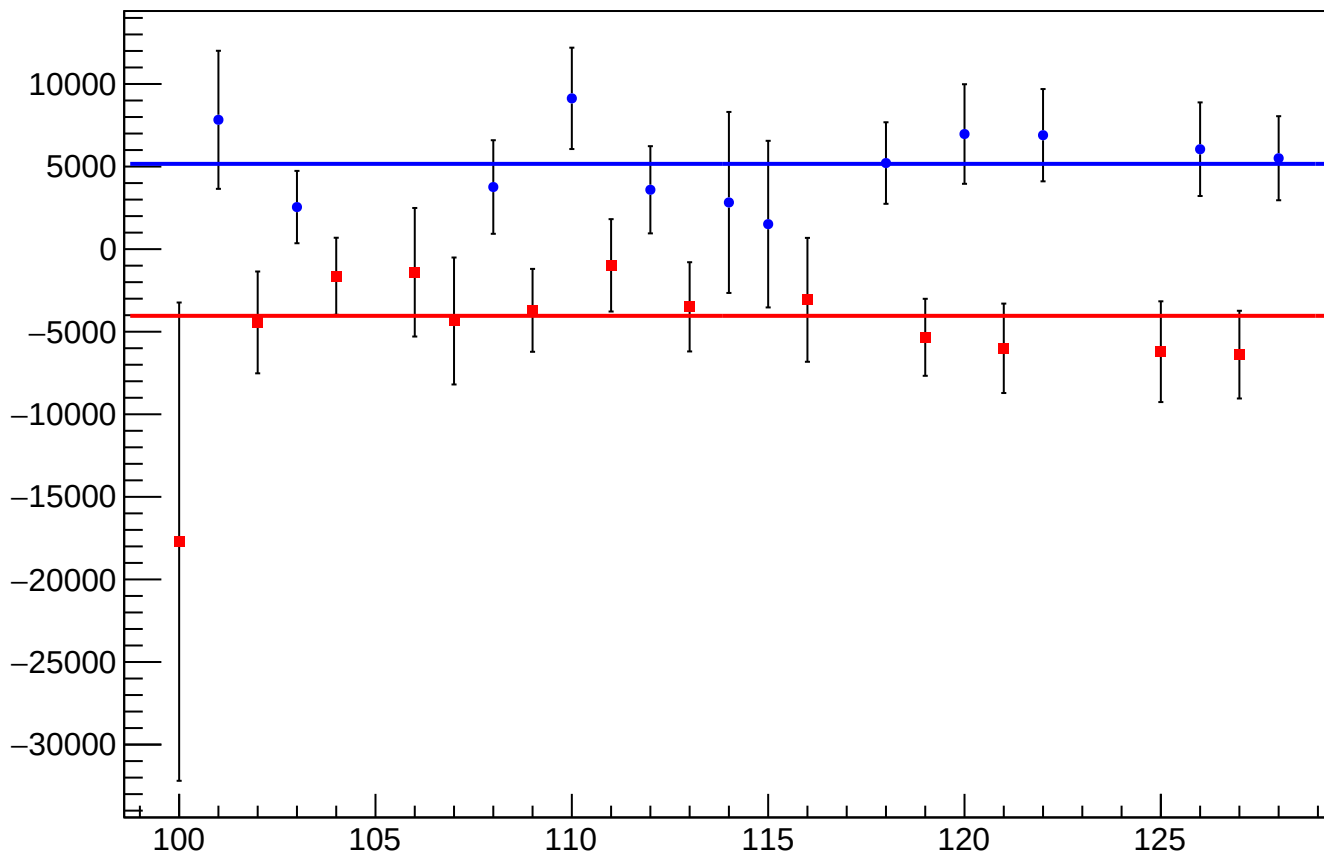
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2270543.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 5163.621+/-847.142 χ^2/NDF : 5.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4038.705+/-818.734 χ^2/NDF : 5.9/12

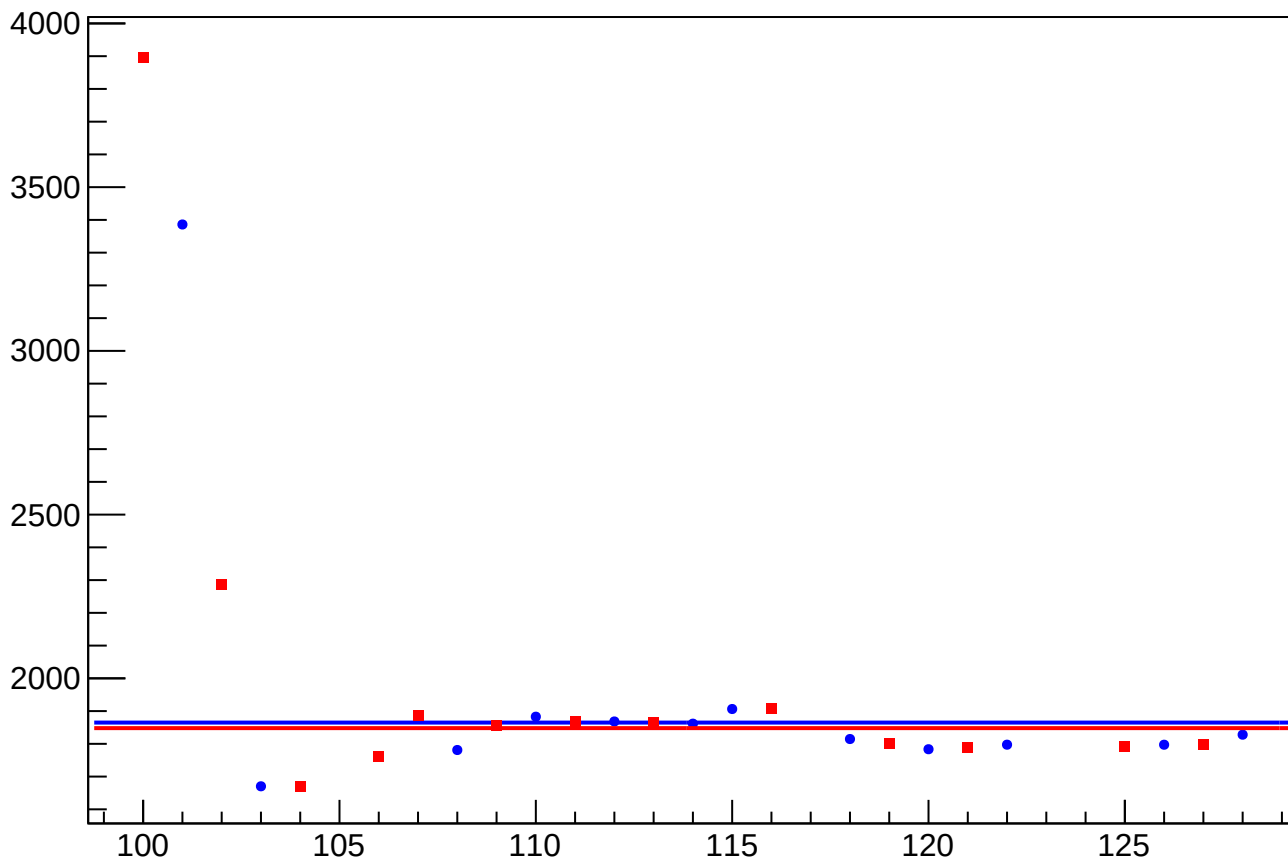
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 405.581+/-588.719 χ^2/NDF : 72.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1864.915+/-0.599 χ^2/NDF : 287565.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1847.957+/-0.577 χ^2/NDF : 97354.1/12

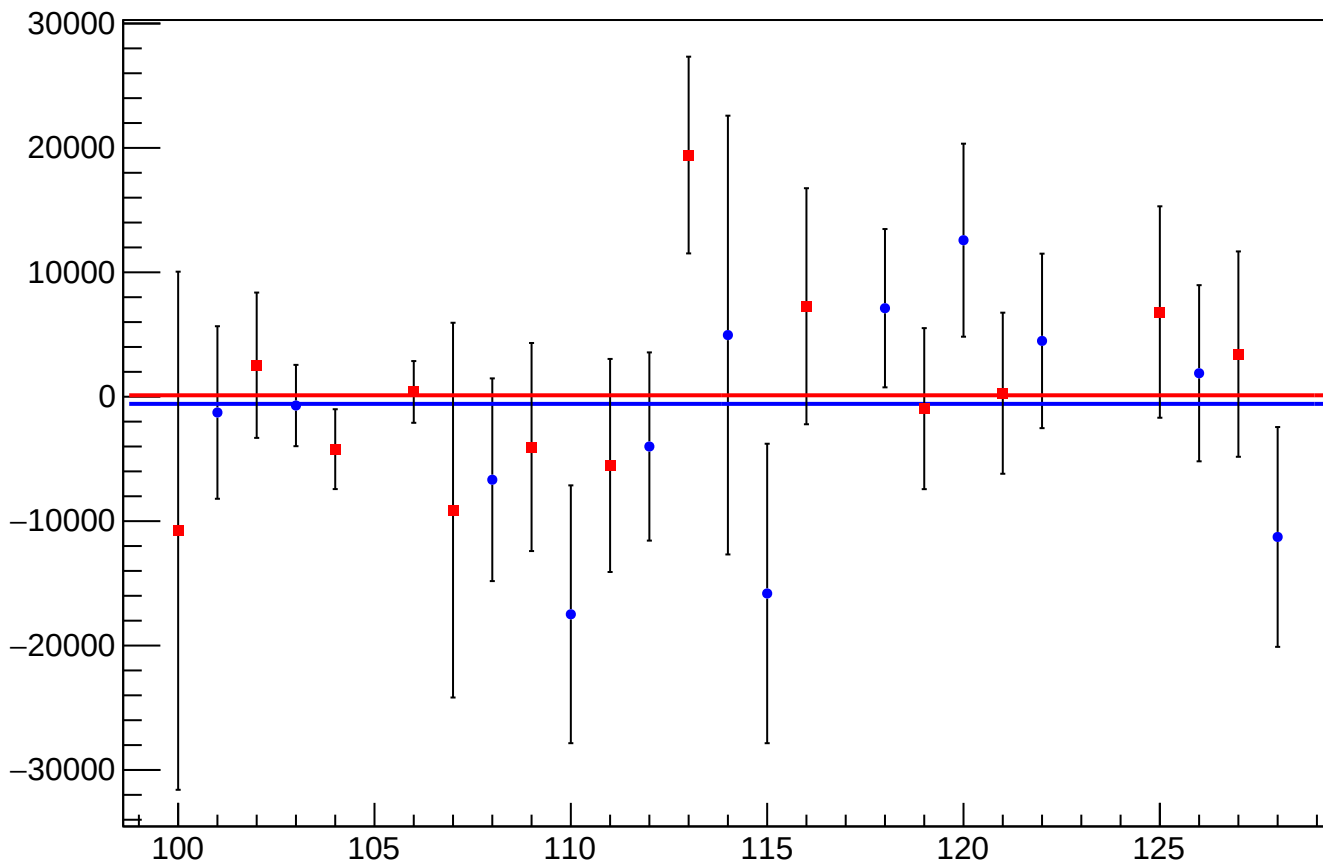
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1856.111+/-0.415 χ^2/NDF : 385335.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_reg_correction_mean vs Slug



Right In: -573.853+/-1957.949 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.453+/-1530.639 χ^2/NDF : 10.7/12

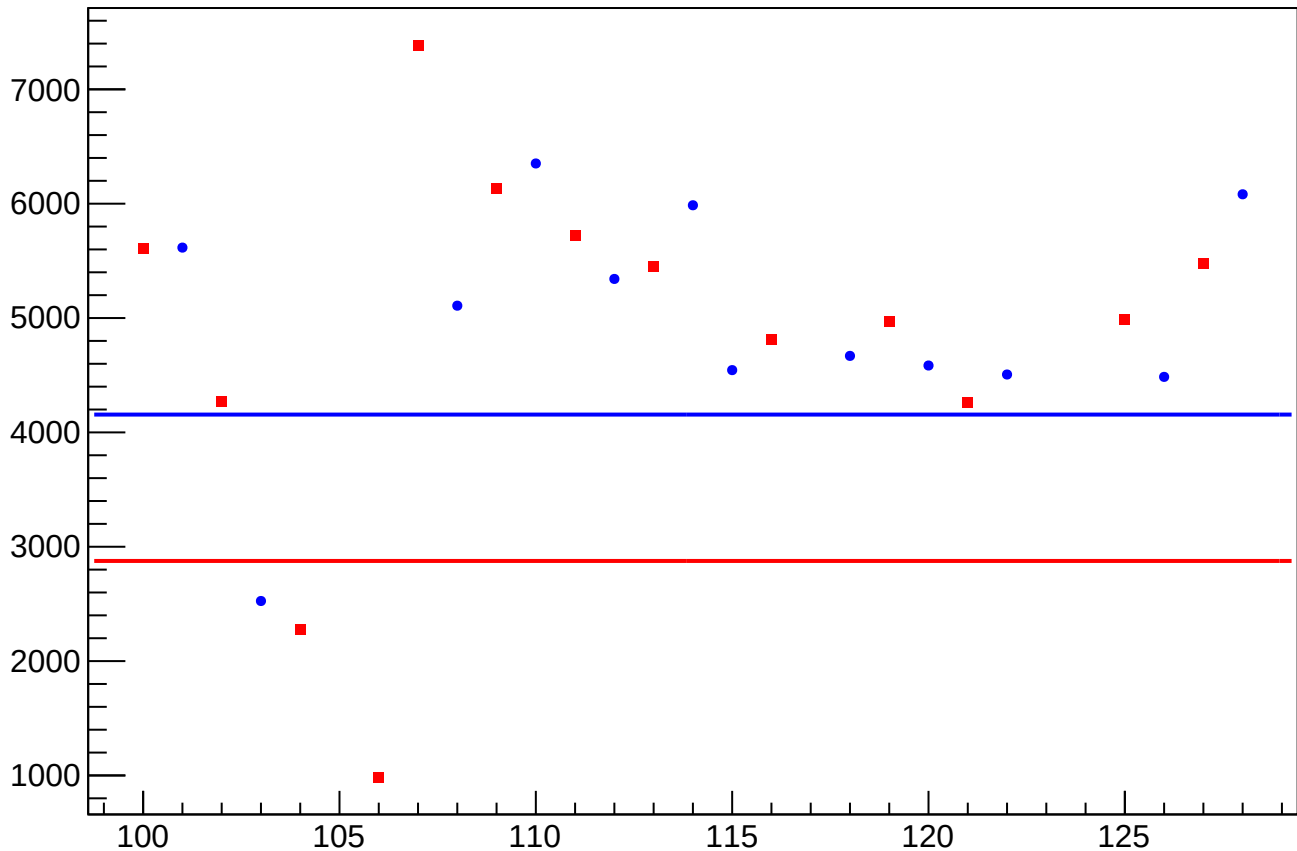
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -145.396+/-1205.885 χ^2/NDF : 22.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_reg_correction_rms vs Slug



Right In: 4155.783+/-1.384 χ^2/NDF : 900010.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

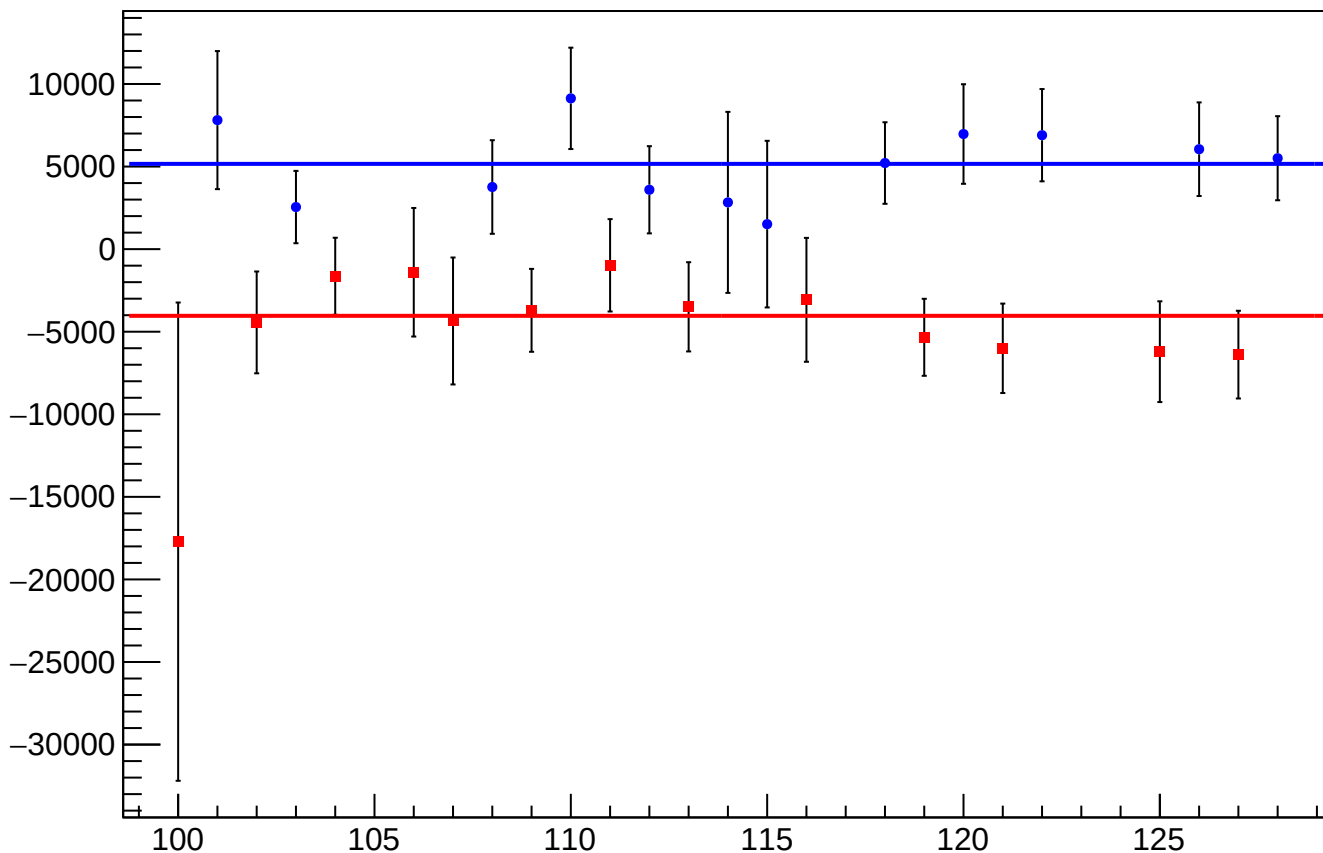
Right Out: 2875.793+/-1.082 χ^2/NDF : 3004066.6/12

All: 3361.322+/-0.853 χ^2/NDF : 4434602.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 5163.046 $\pm$ 847.142 χ^2 /NDF: 5.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4038.429 $\pm$ 818.734 χ^2 /NDF: 5.9/12

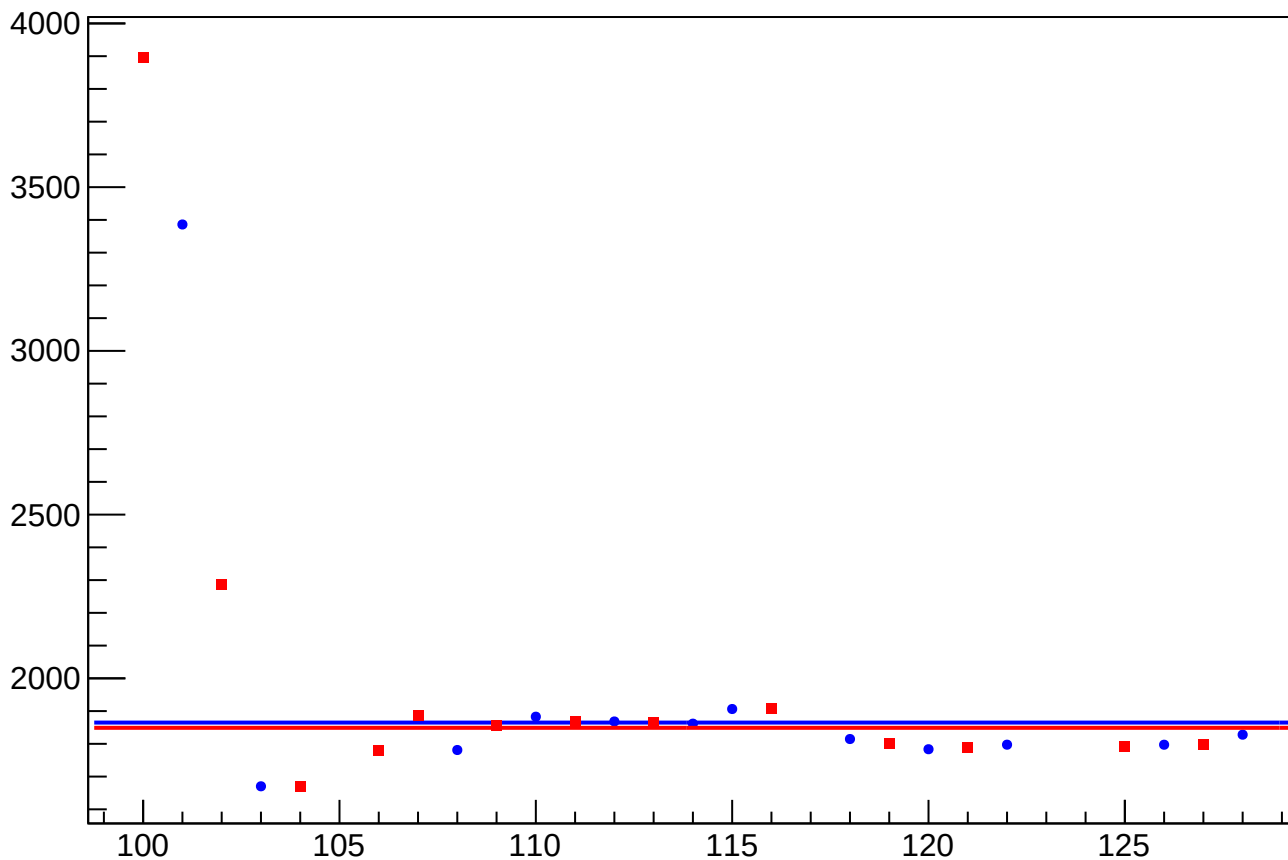
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 405.445 $\pm$ 588.719 χ^2 /NDF: 72.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1864.914+/-0.599 χ^2/NDF : 287567.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1848.928+/-0.577 χ^2/NDF : 96915.4/12

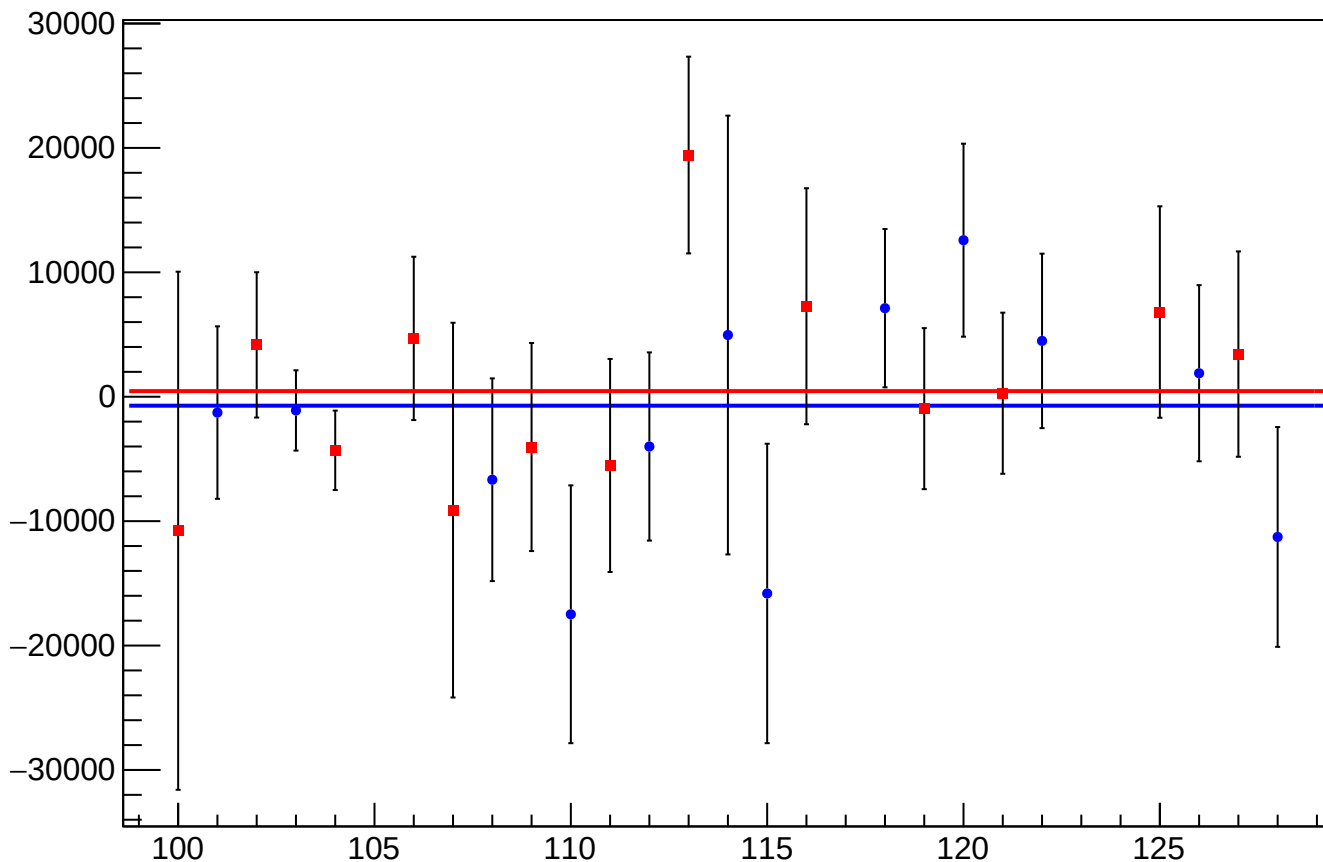
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1856.619+/-0.415 χ^2/NDF : 384852.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_cor_correction_mean vs Slug



Right In: -719.410+/-1949.342 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 452.165+/-1861.425 χ^2/NDF : 11.5/12

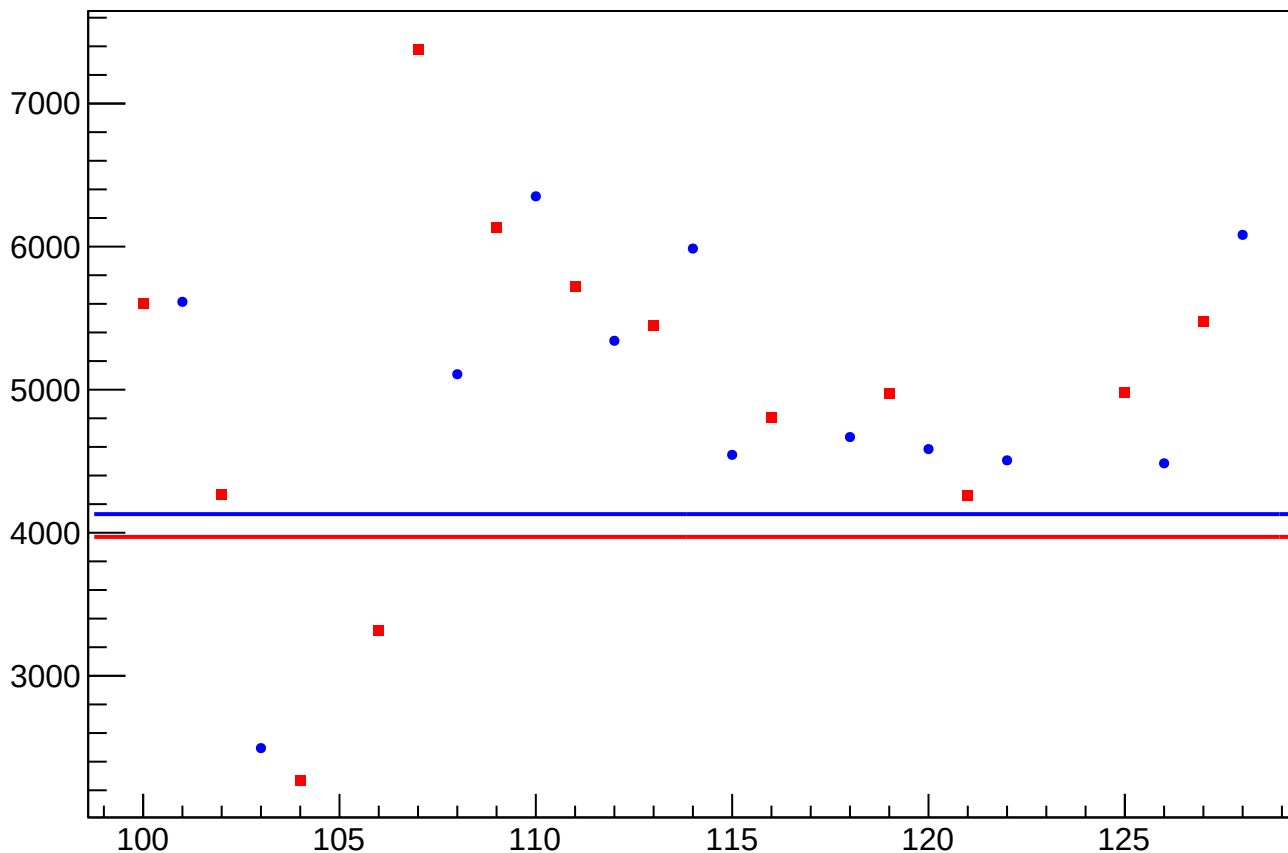
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -106.608+/-1346.234 χ^2/NDF : 23.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_cor_correction_rms vs Slug



Right In: 4130.229+/-1.378 χ^2/NDF : 931217.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3971.076+/-1.316 χ^2/NDF : 1157307.6/12

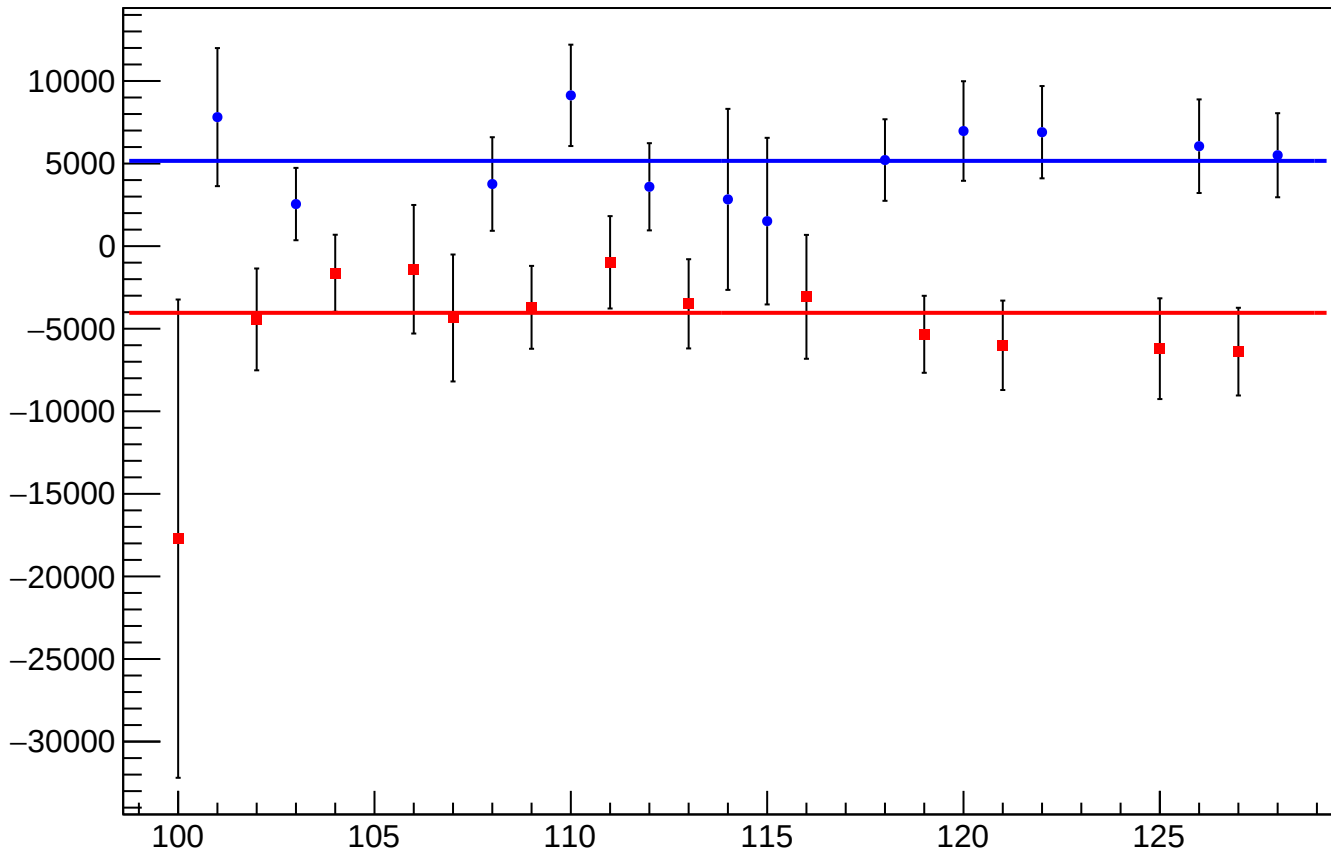
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4046.983+/-0.952 χ^2/NDF : 2095498.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 5163.046+/-847.142 χ^2/NDF : 5.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4038.429+/-818.734 χ^2/NDF : 5.9/12

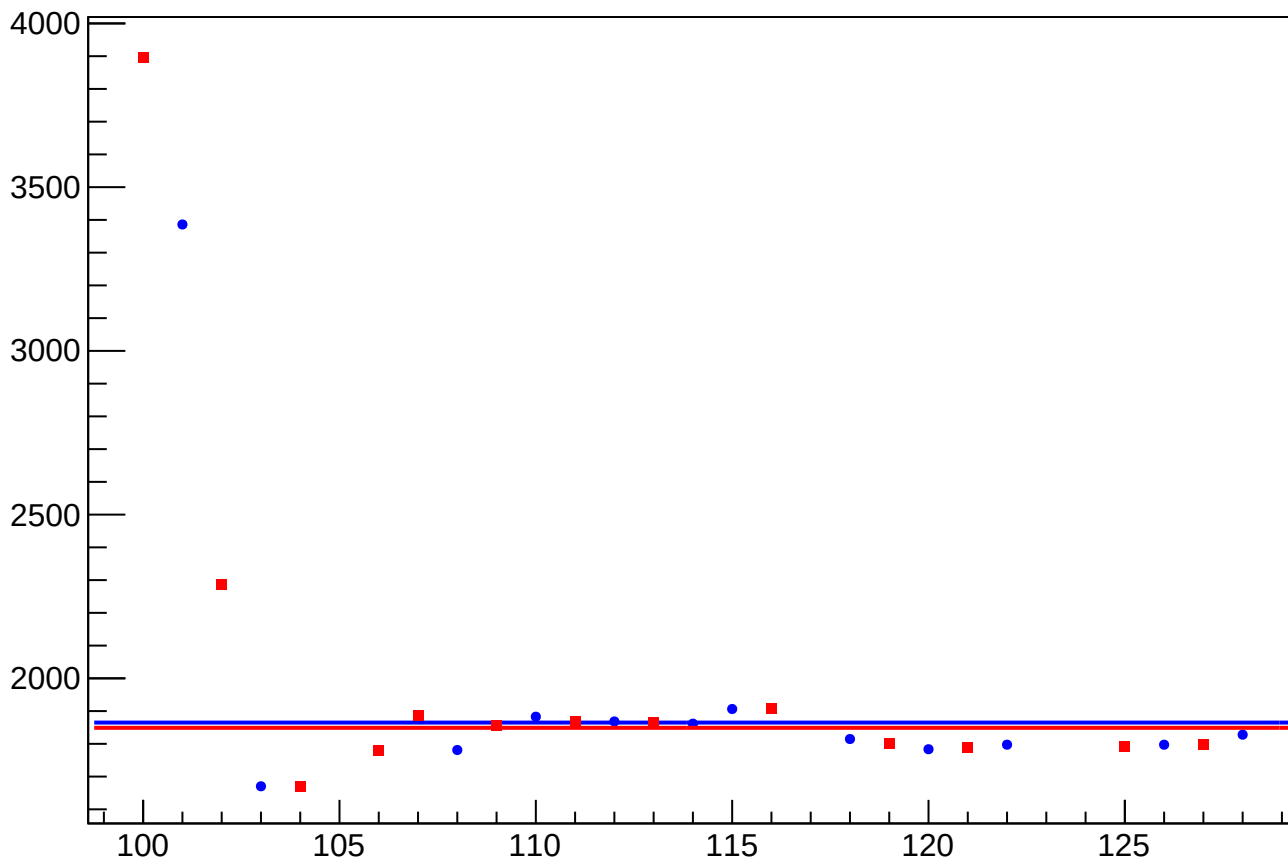
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 405.445+/-588.719 χ^2/NDF : 72.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1864.914+/-0.599 χ^2/NDF : 287567.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1848.928+/-0.577 χ^2/NDF : 96915.4/12

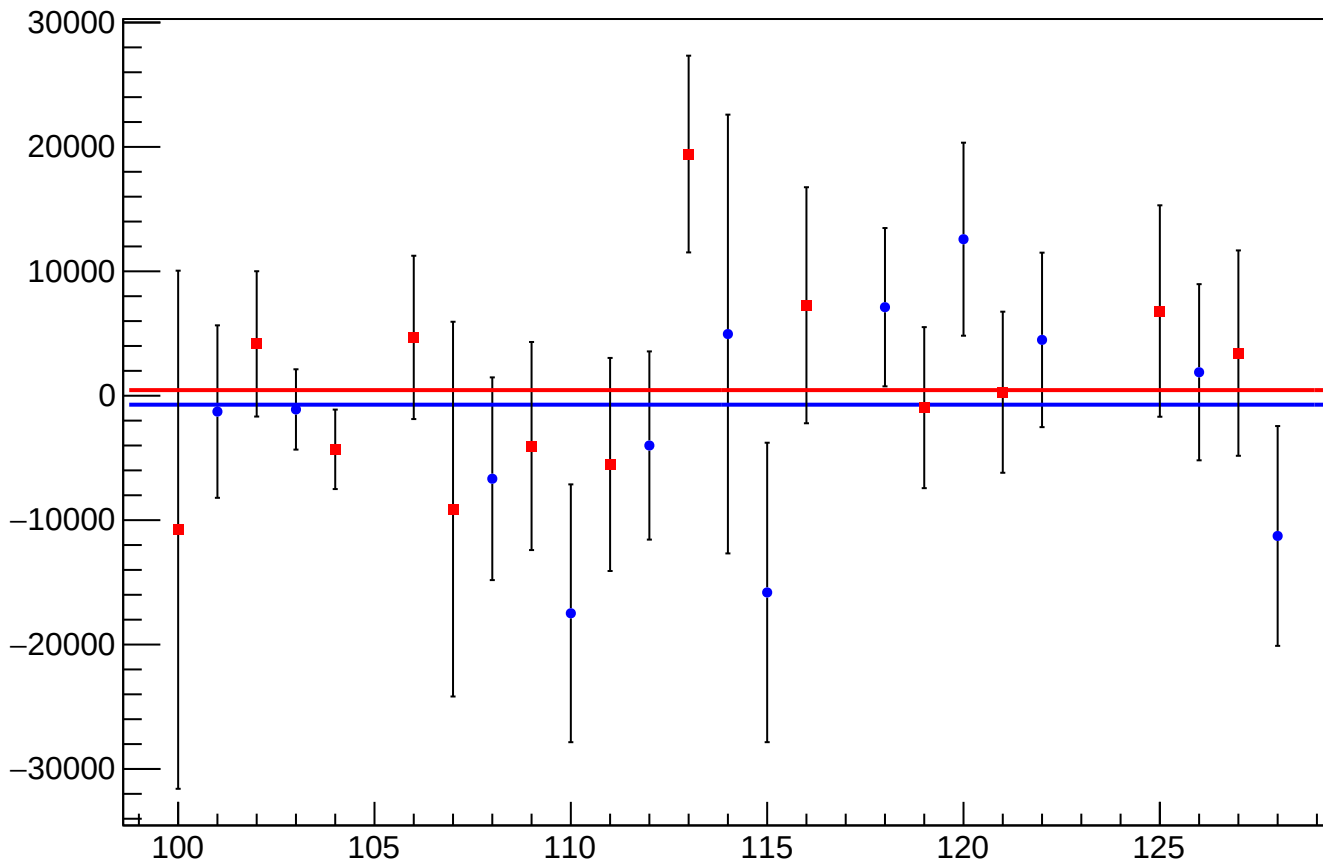
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1856.619+/-0.415 χ^2/NDF : 384852.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_cor_correction_mean vs Slug



Right In: -719.410+/-1949.342 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 452.165+/-1861.425 χ^2/NDF : 11.5/12

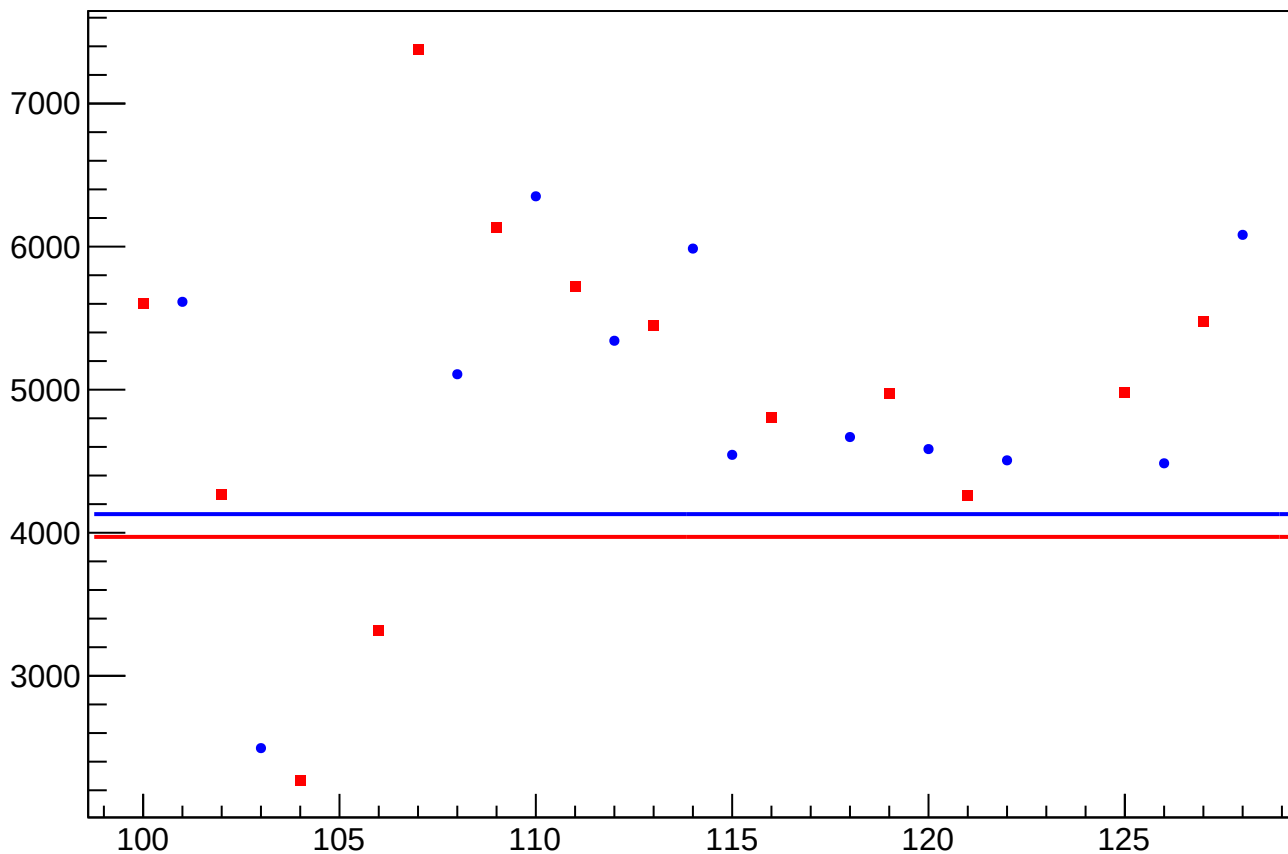
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -106.608+/-1346.234 χ^2/NDF : 23.3/24

- 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: 4130.229+/-1.378 χ^2/NDF : 931217.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

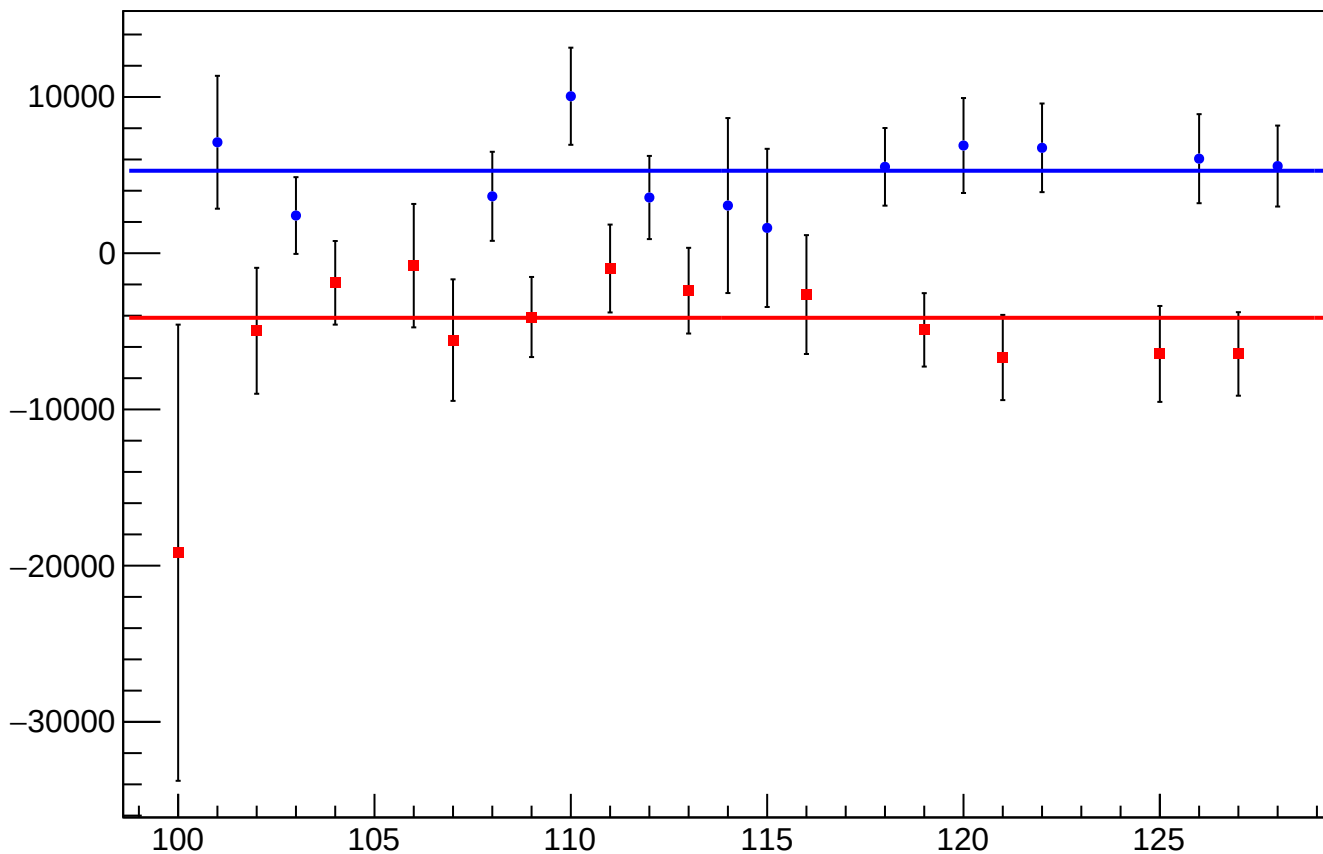
Right Out: 3971.076+/-1.316 χ^2/NDF : 1157307.6/12

All: 4046.983+/-0.952 χ^2/NDF : 2095498.3/24

- 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: 5278.835 $\pm$ 868.429 χ^2 /NDF: 6.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4134.541 $\pm$ 851.887 χ^2 /NDF: 6.8/12

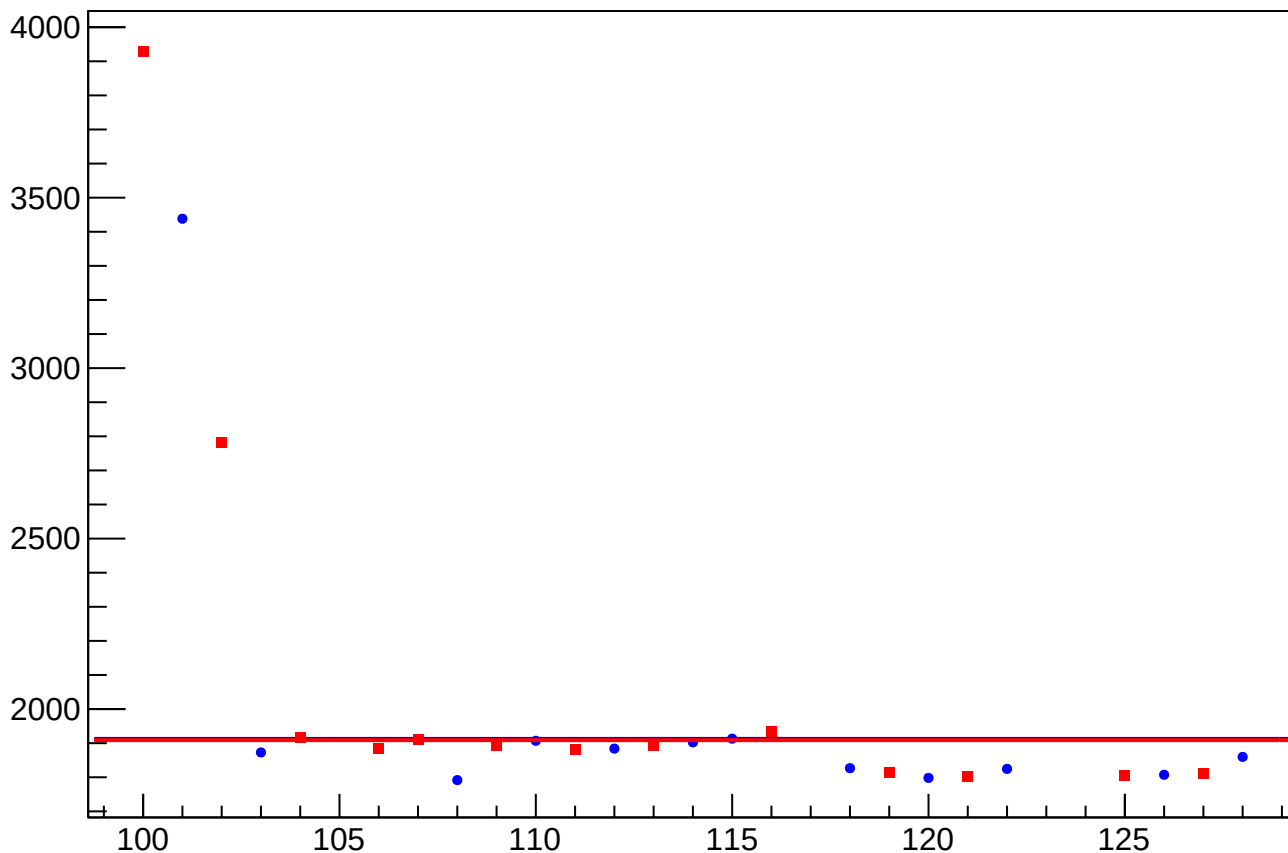
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 481.641 $\pm$ 608.139 χ^2 /NDF: 72.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1912.490+/-0.614 χ^2/NDF : 272381.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1908.860+/-0.601 χ^2/NDF : 143820.0/12

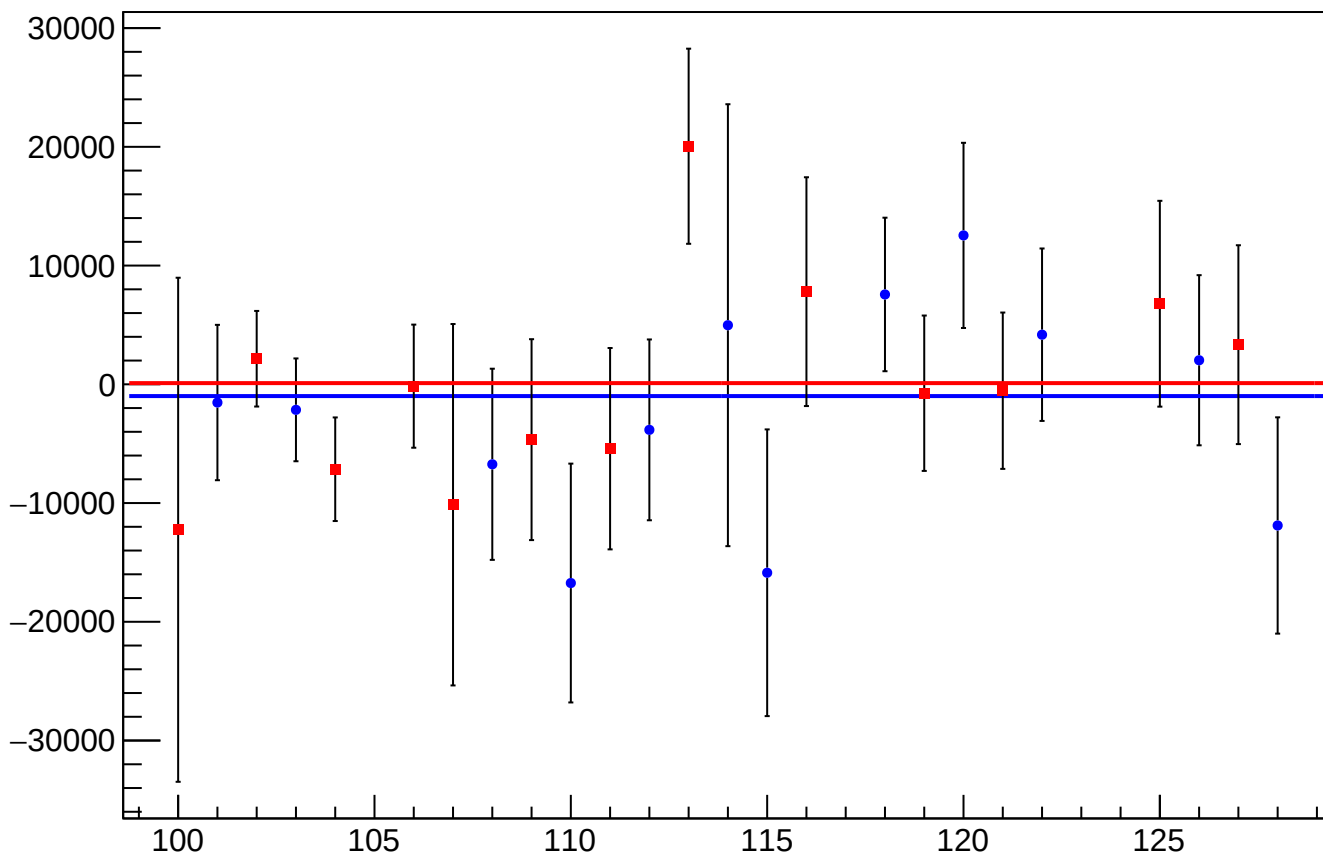
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1910.637+/-0.430 χ^2/NDF : 416219.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_dit_correction_mean vs Slug



Right In: -991.221+/-2132.406 χ^2/NDF : 11.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.676+/-1871.587 χ^2/NDF : 11.9/12

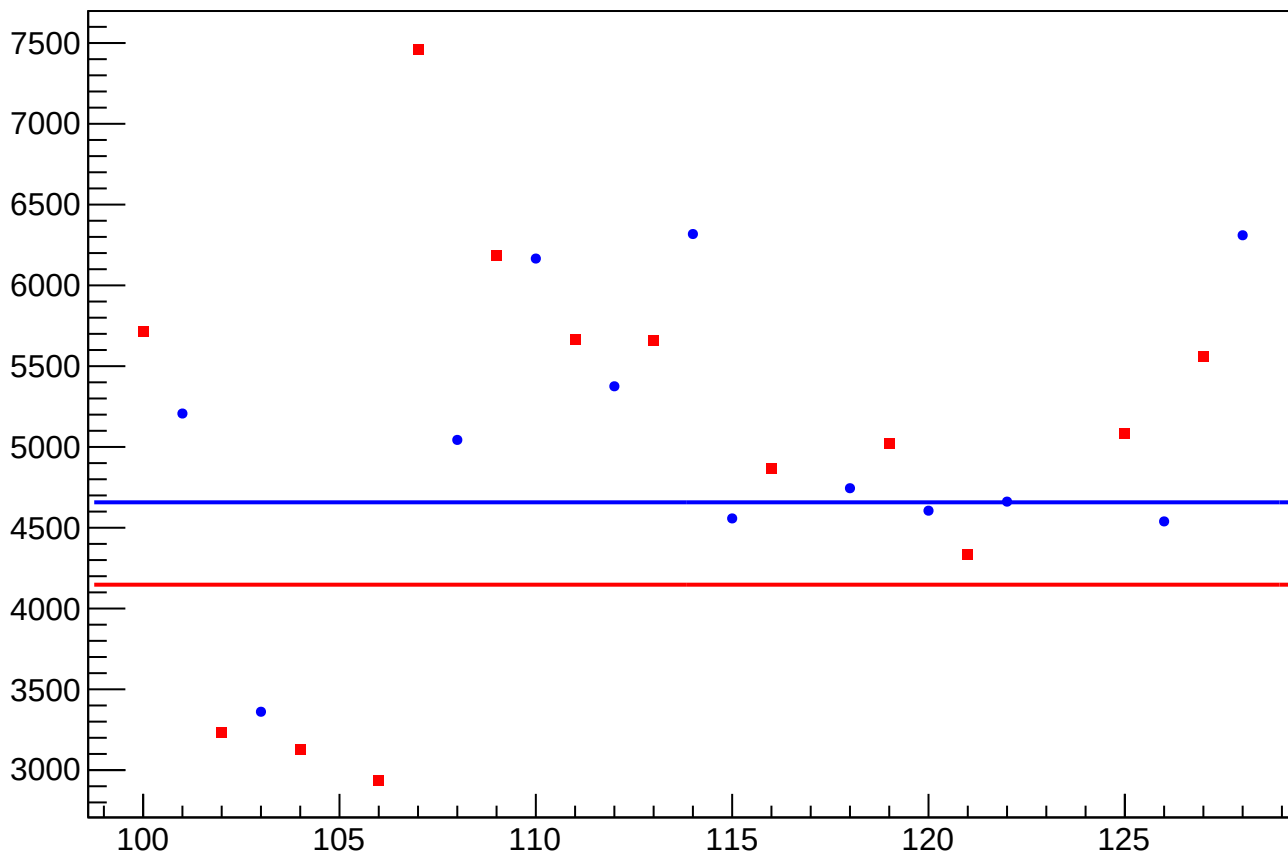
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -374.447+/-1406.637 χ^2/NDF : 23.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_dit_correction_rms vs Slug



Right In: 4657.342+/-1.508 χ^2/NDF : 343739.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

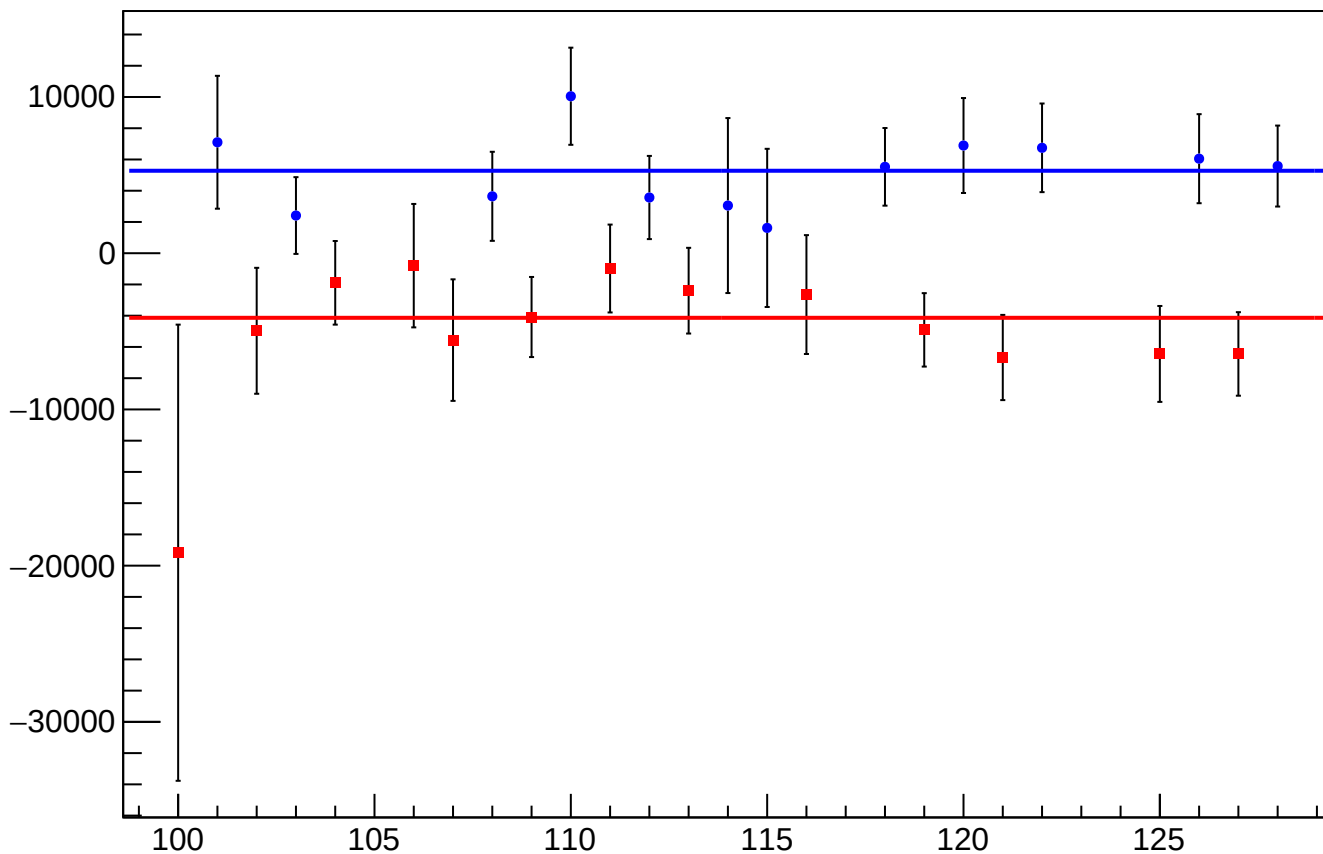
Right Out: 4147.554+/-1.323 χ^2/NDF : 802986.8/12

All: 4369.381+/-0.995 χ^2/NDF : 1211293.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 5278.839+/-868.429 χ^2/NDF : 6.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4134.541+/-851.887 χ^2/NDF : 6.8/12

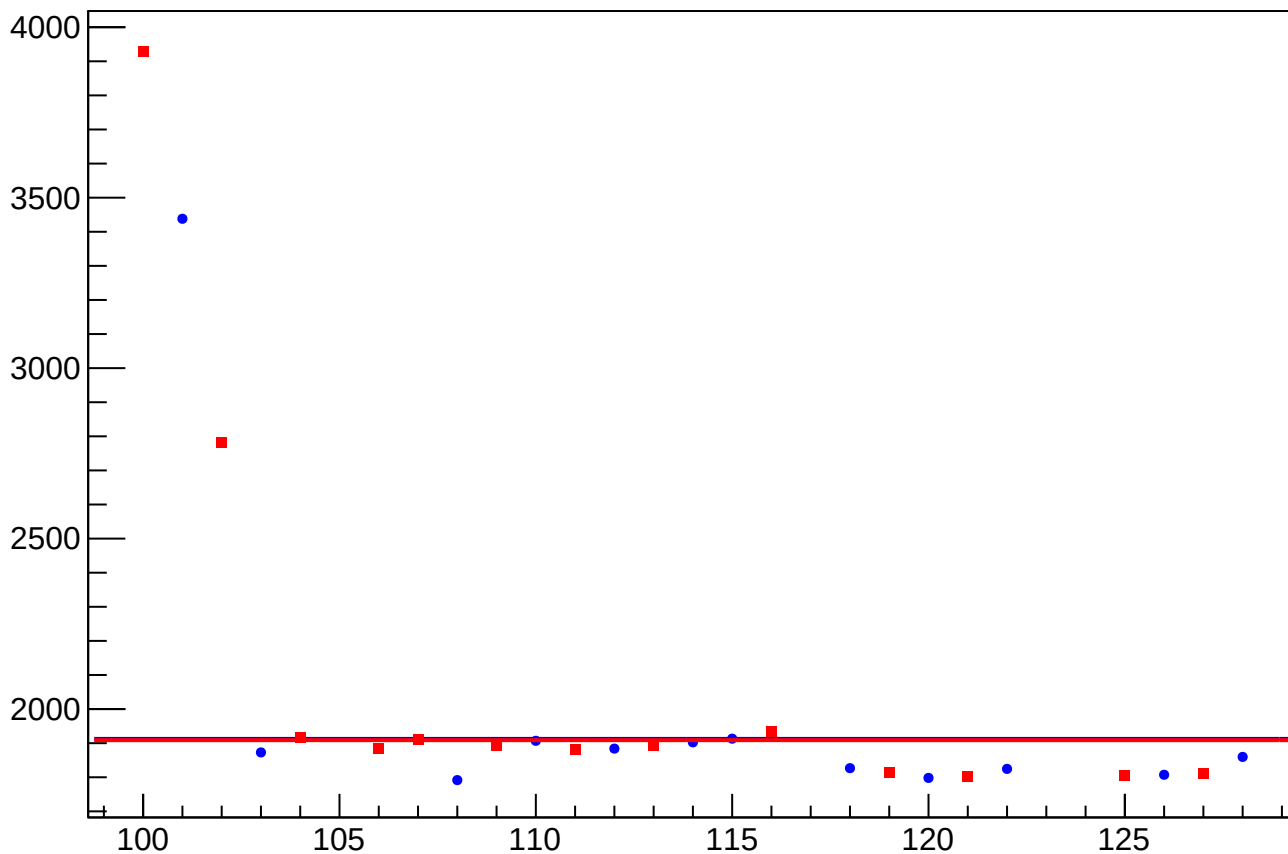
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 481.641+/-608.139 χ^2/NDF : 72.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1912.489+/-0.614 χ^2/NDF : 272381.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1908.858+/-0.601 χ^2/NDF : 143819.3/12

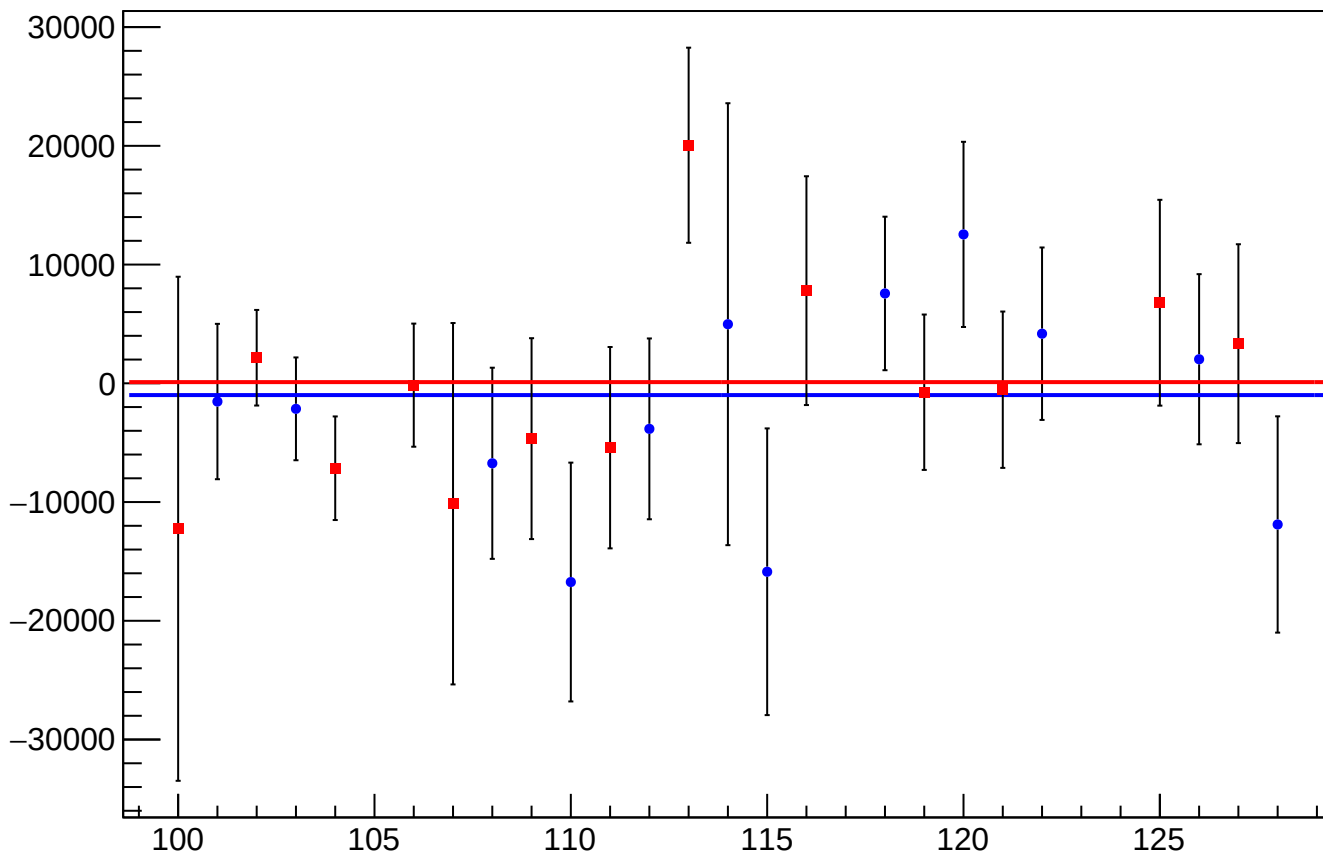
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1910.636+/-0.430 χ^2/NDF : 416218.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_correction_mean vs Slug



Right In: -991.214+/-2132.399 χ^2/NDF : 11.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.673+/-1871.581 χ^2/NDF : 11.9/12

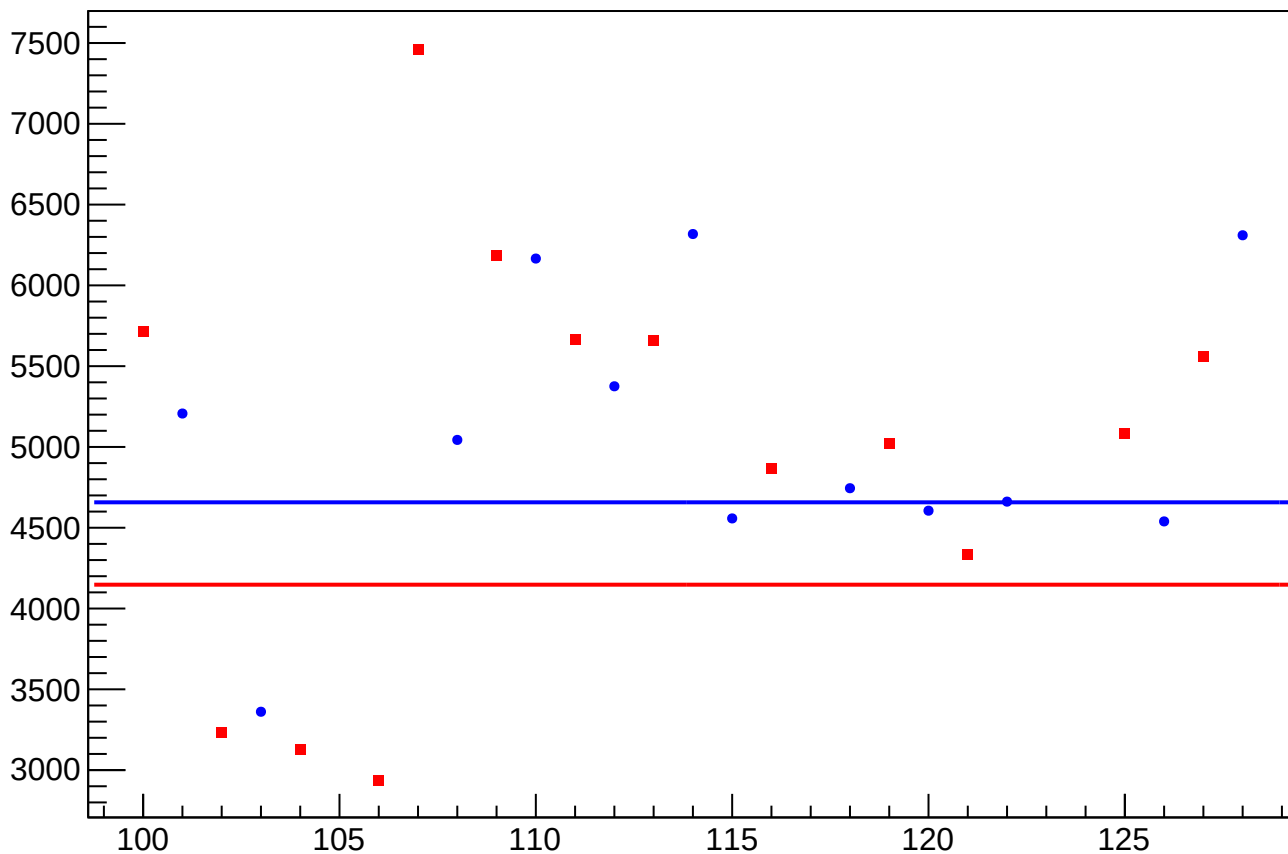
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -374.446+/-1406.633 χ^2/NDF : 23.7/24

- 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: 4657.328+/-1.508 χ^2/NDF : 343738.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

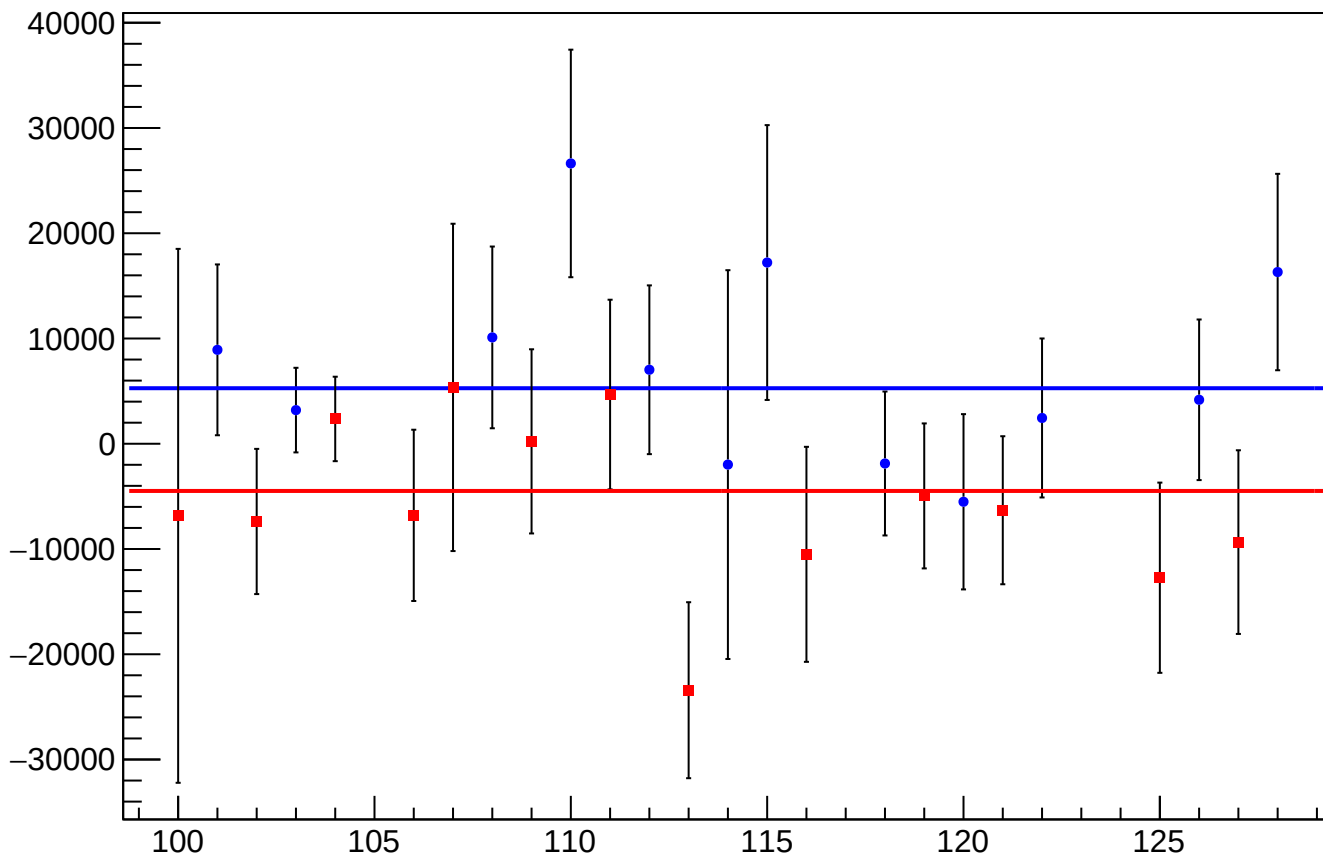
Right Out: 4147.543+/-1.323 χ^2/NDF : 802984.8/12

All: 4369.368+/-0.995 χ^2/NDF : 1211290.4/24

- 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: 5275.837+/-2206.266 χ^2/NDF : 10.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4484.733+/-2132.514 χ^2/NDF : 11.6/12

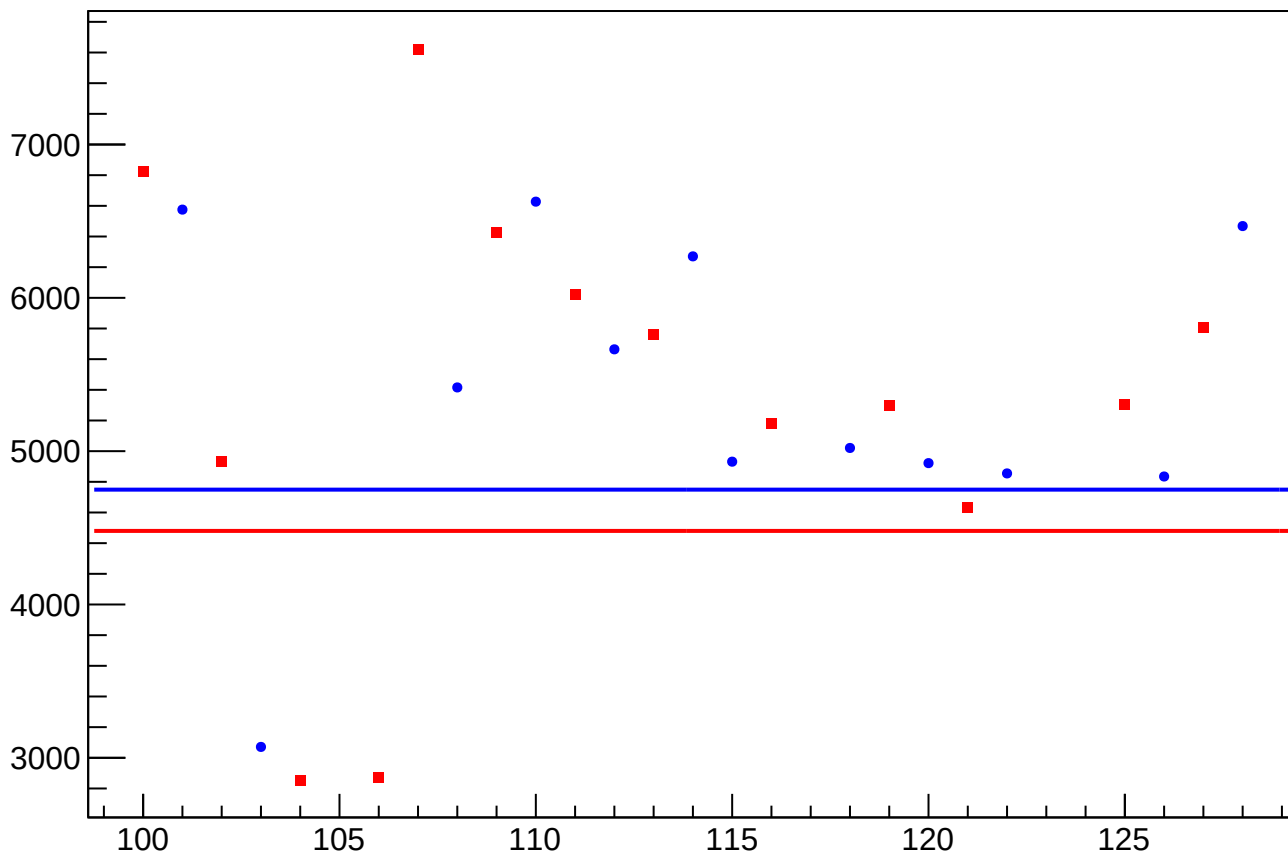
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.687+/-1533.326 χ^2/NDF : 31.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 4749.068+/-1.560 χ^2/NDF : 634854.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4479.839+/-1.471 χ^2/NDF : 878196.2/12

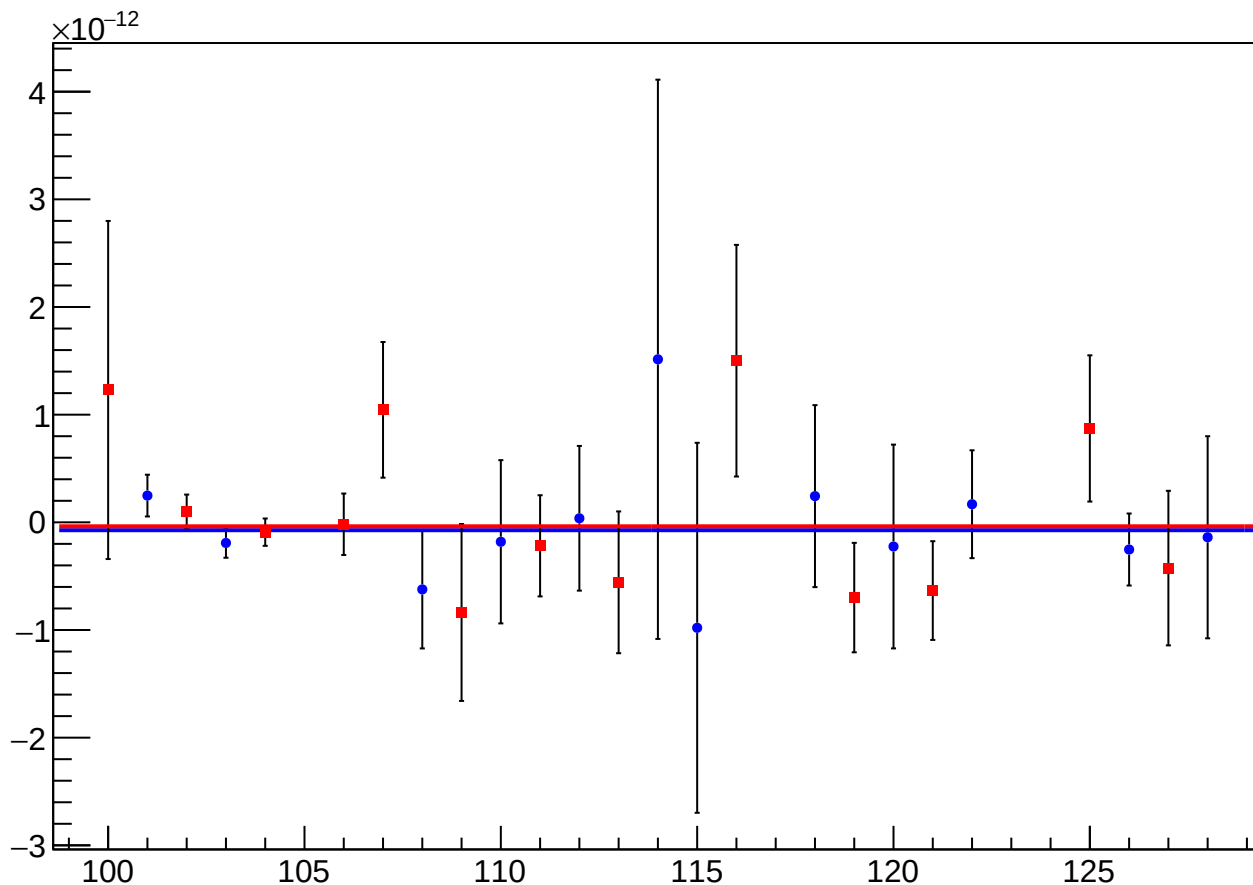
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4606.527+/-1.070 χ^2/NDF : 1528819.1/24

- 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 : 5.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.9/12

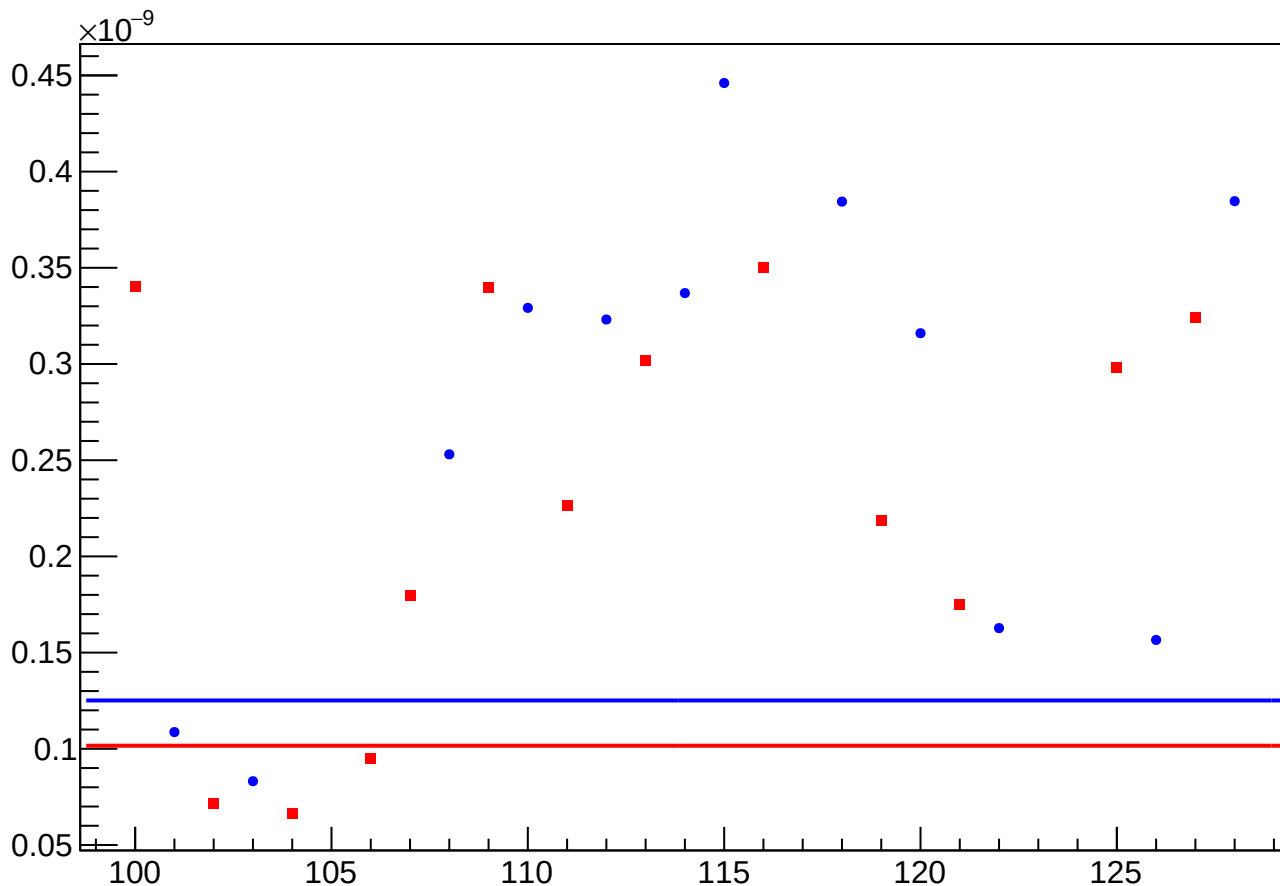
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.8/24

- 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 : 1163018.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1428444.0/12

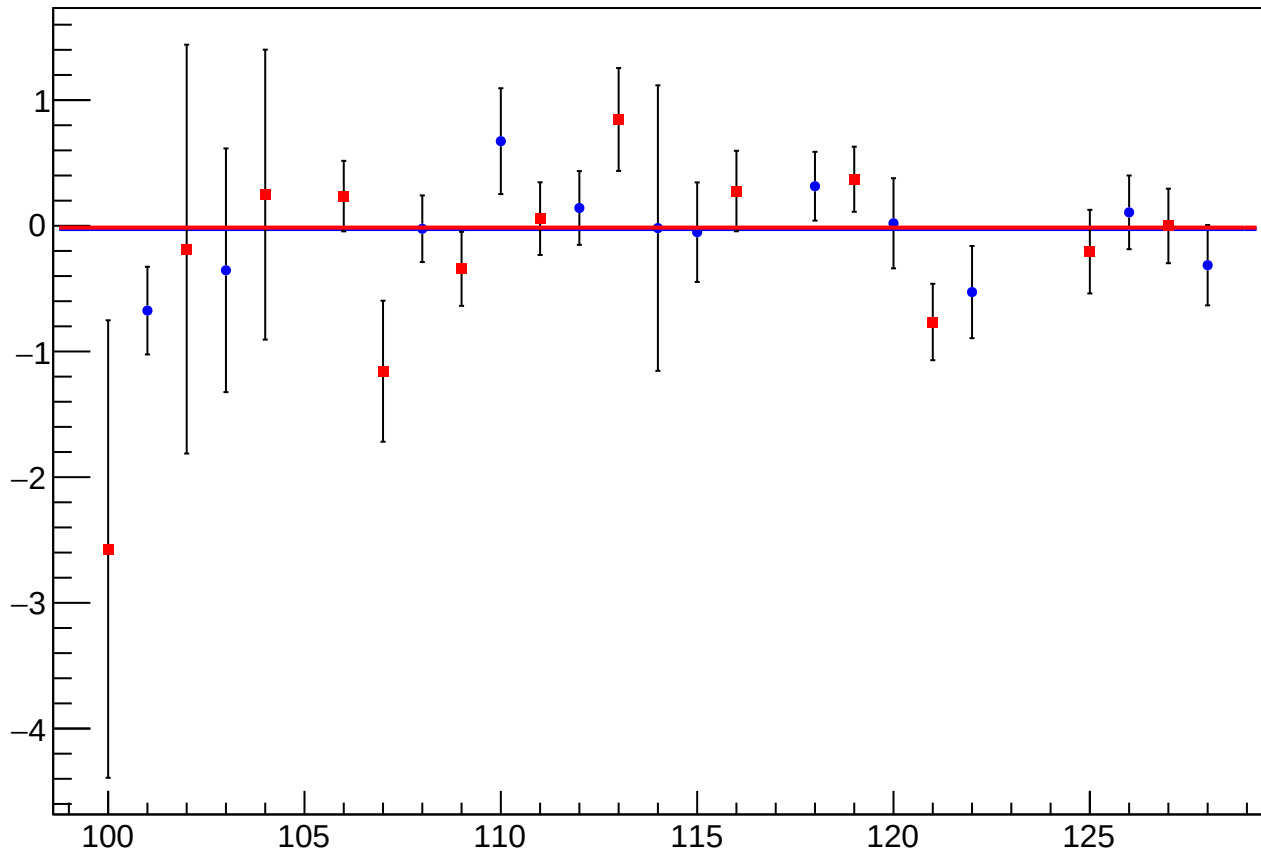
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2657866.9/24

- 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: -0.026+/-0.101 χ^2/NDF : 11.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.099 χ^2/NDF : 22.2/12

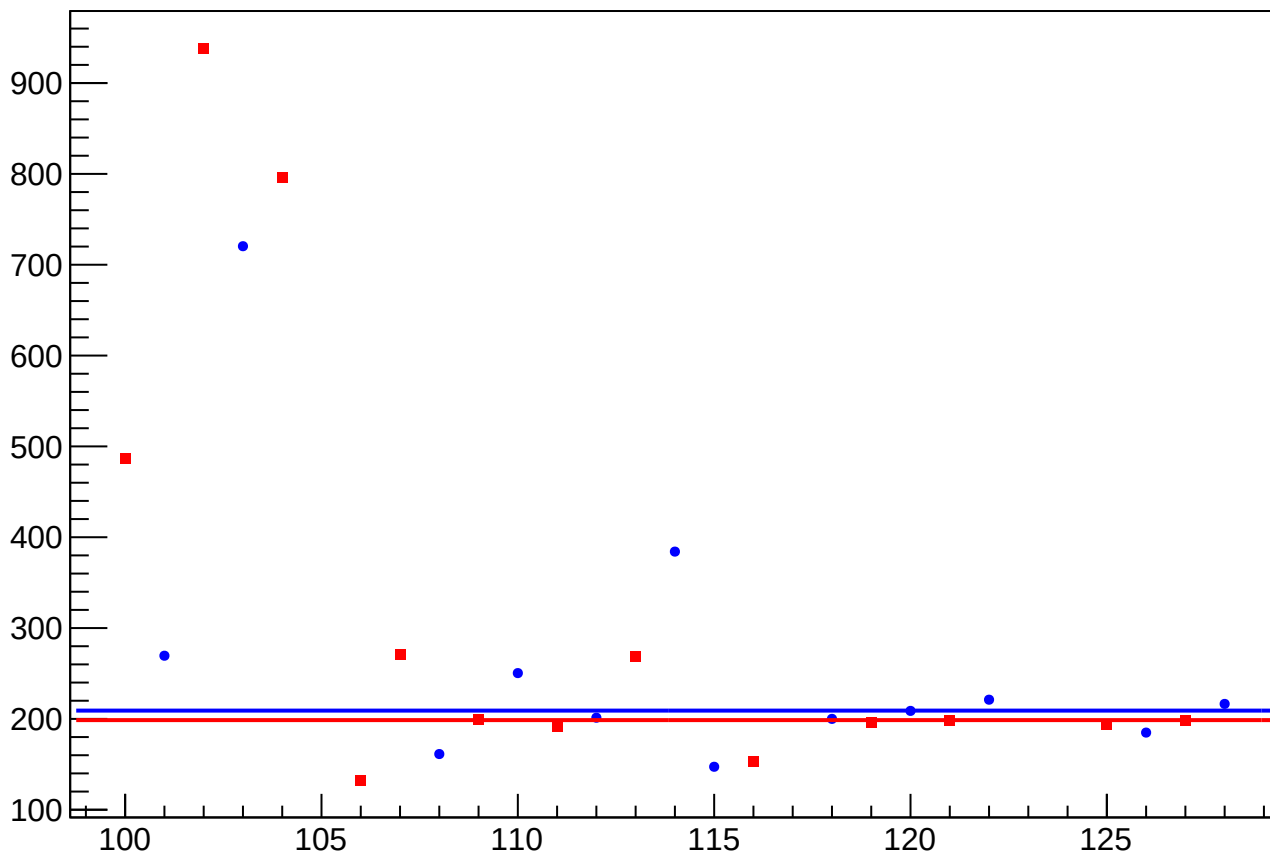
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.020+/-0.071 χ^2/NDF : 33.3/24

- 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: 209.141+/-0.071 χ^2/NDF : 817213.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 198.668+/-0.070 χ^2/NDF : 1246342.3/12

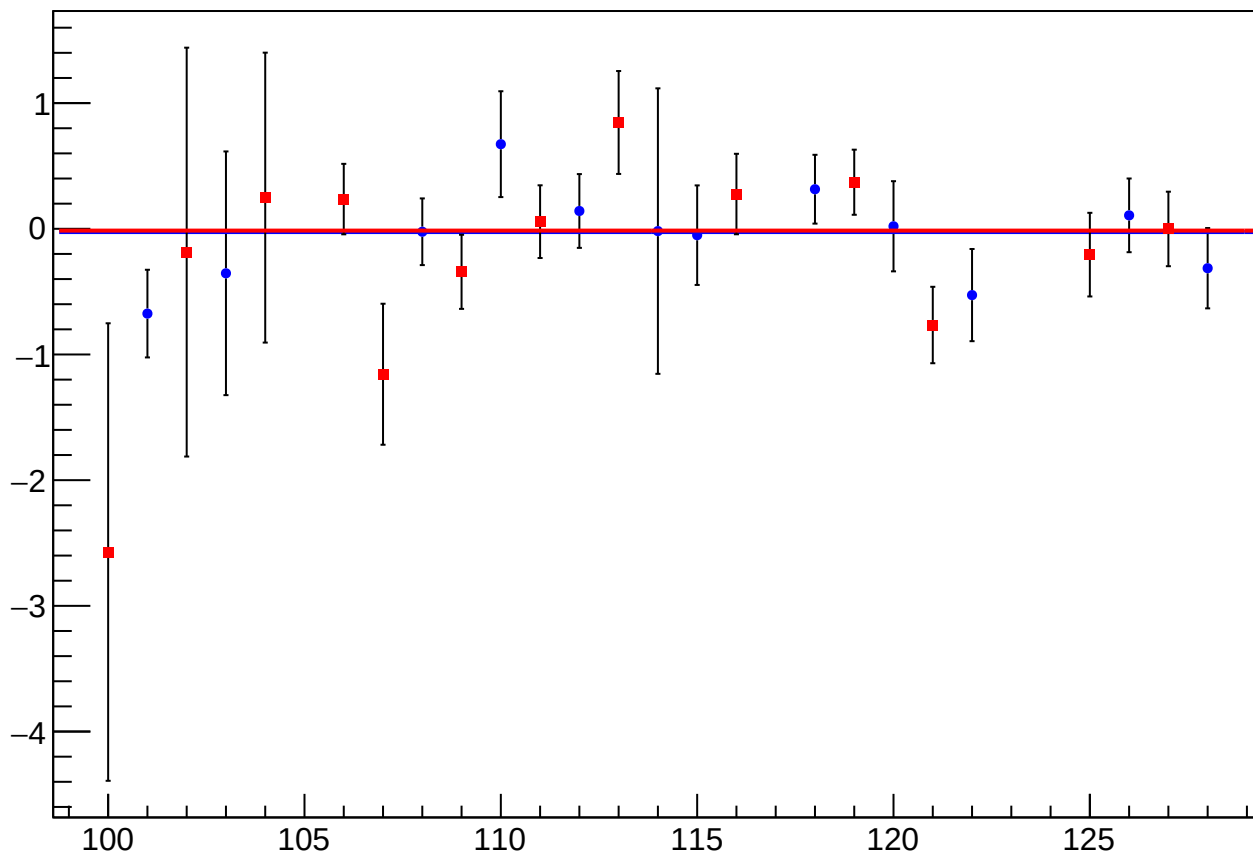
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.781+/-0.050 χ^2/NDF : 2074545.6/24

- sign 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: -0.026 ± 0.101 χ^2/NDF : 11.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.014 ± 0.099 χ^2/NDF : 22.2/12

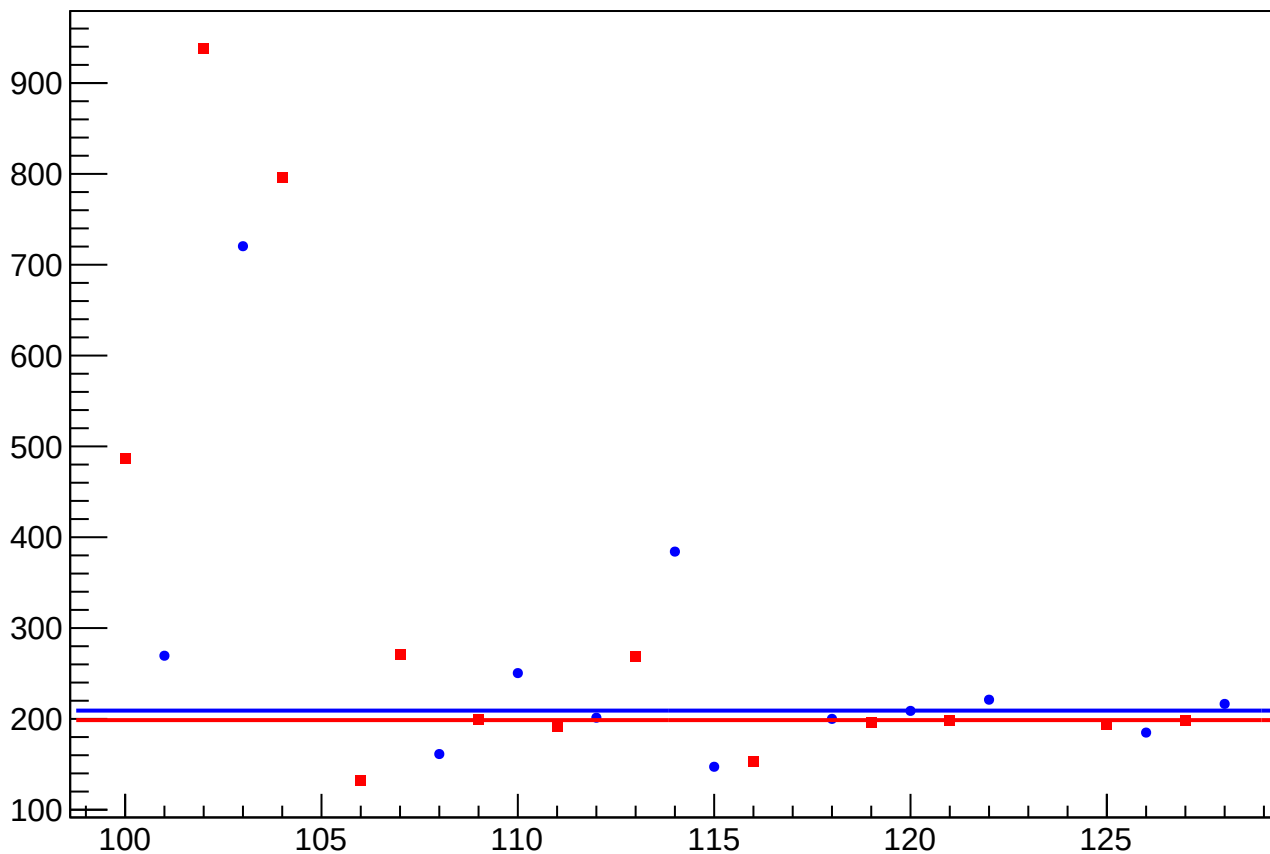
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.020 ± 0.071 χ^2/NDF : 33.3/24

- 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: 209.141 $\pm$ 0.071 χ^2 /NDF: 817213.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

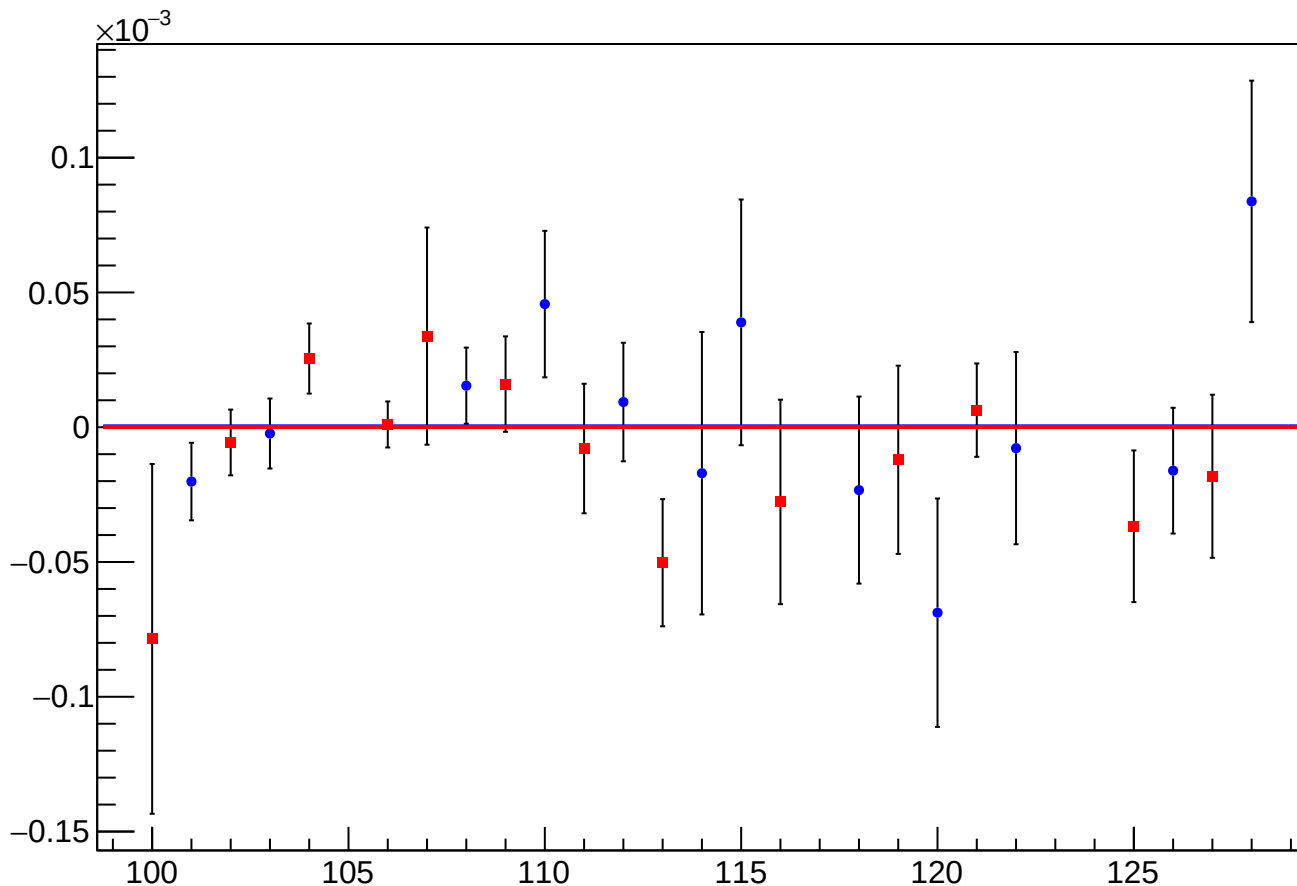
Right Out: 198.668 $\pm$ 0.070 χ^2 /NDF: 1246342.3/12

All: 203.781 $\pm$ 0.050 χ^2 /NDF: 2074545.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 14.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.6/12

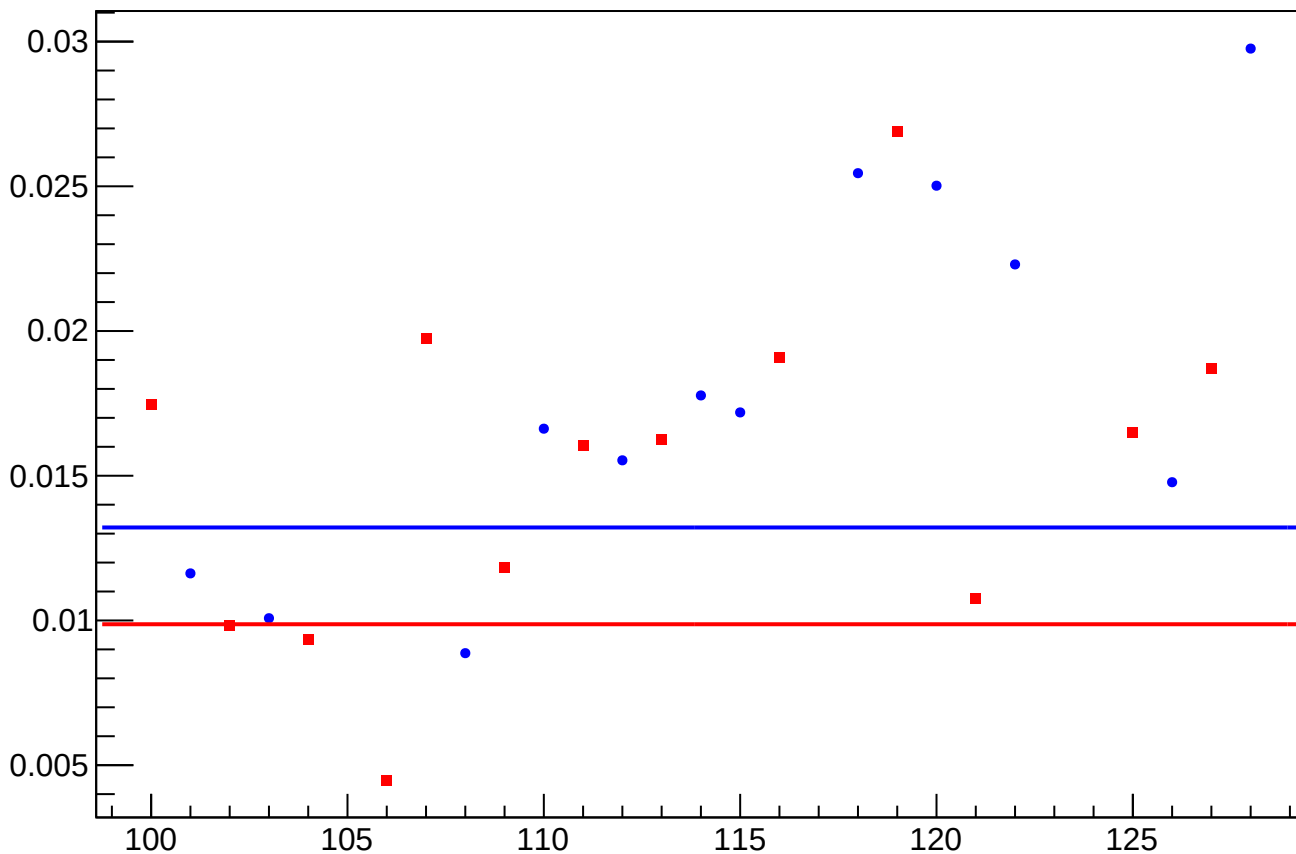
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.7/24

- 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: 0.013+/-0.000 χ^2/NDF : 1230121.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 2135859.9/12

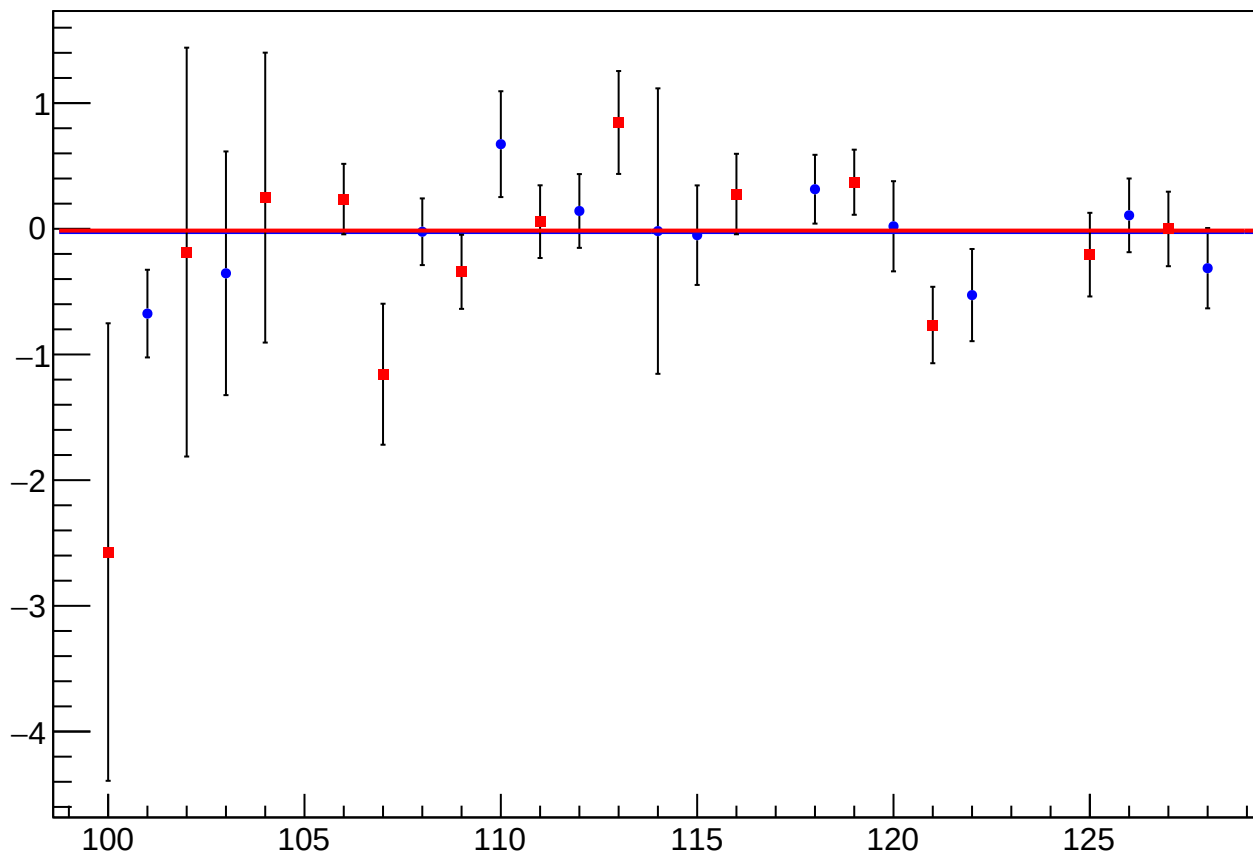
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 3709757.0/24

- 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: -0.026+/-0.101 χ^2/NDF : 11.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.099 χ^2/NDF : 22.2/12

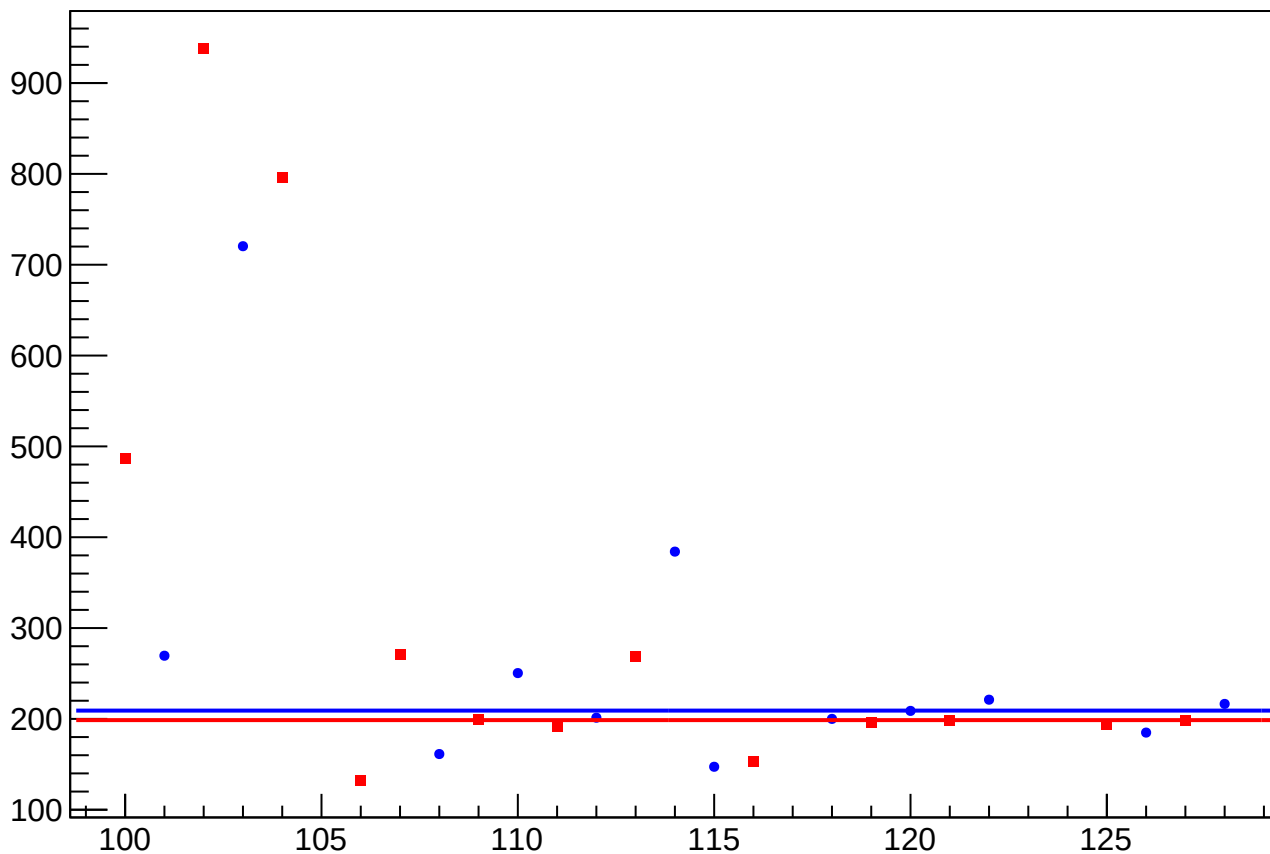
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.020+/-0.071 χ^2/NDF : 33.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 209.140 $\pm$ 0.071 χ^2 /NDF: 817200.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 198.667 $\pm$ 0.070 χ^2 /NDF: 1246328.3/12

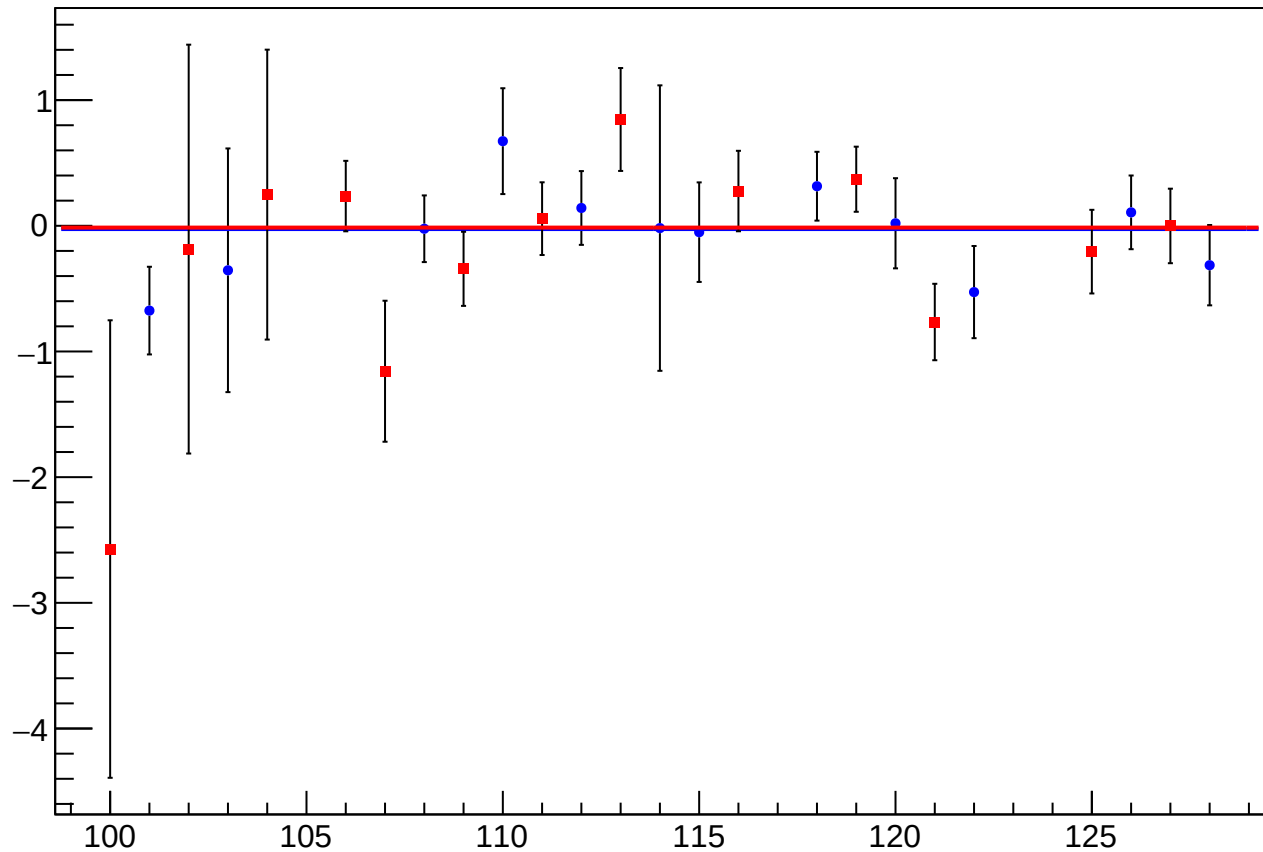
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 203.779 $\pm$ 0.050 χ^2 /NDF: 2074519.2/24

- 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: -0.026+/-0.101 χ^2/NDF : 11.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.099 χ^2/NDF : 22.2/12

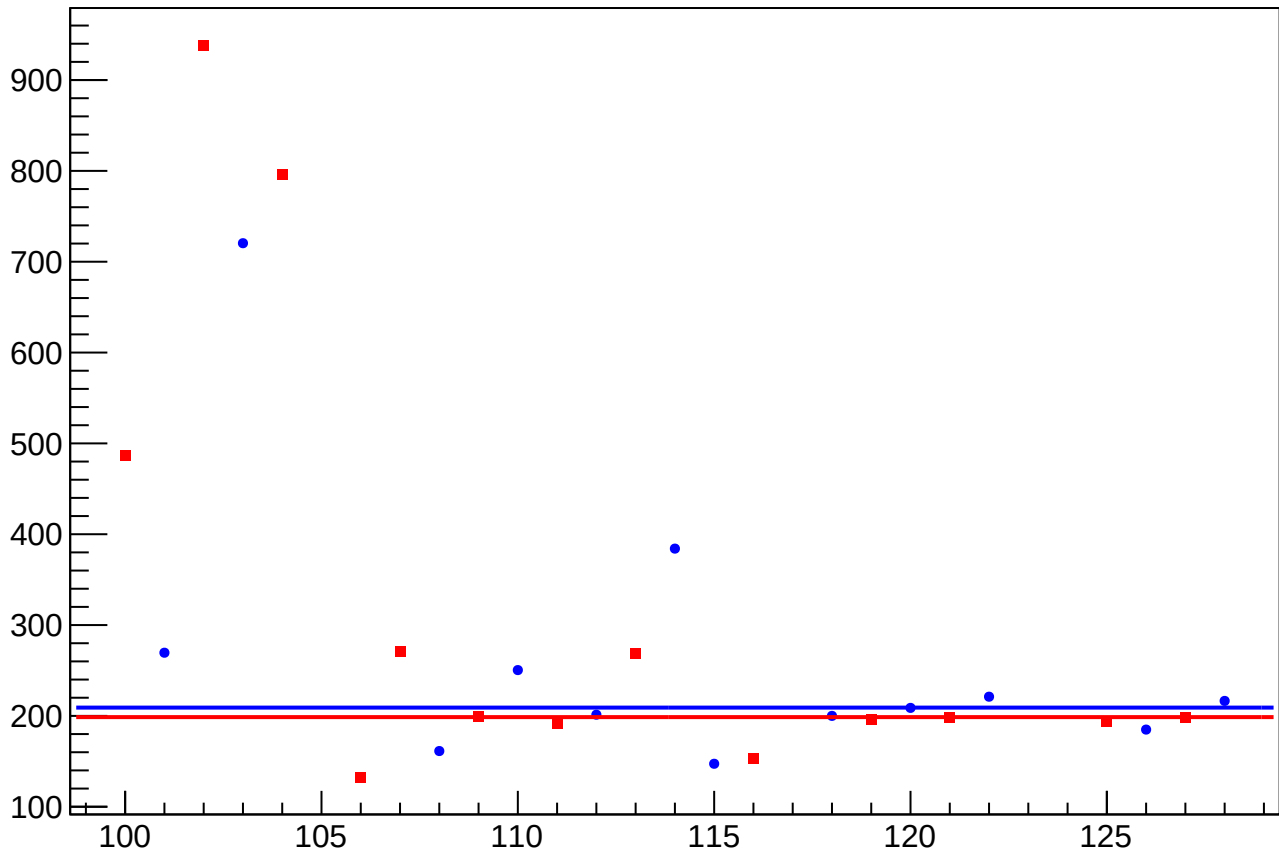
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.020+/-0.071 χ^2/NDF : 33.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 209.140+/-0.071 χ^2/NDF : 817200.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 198.667+/-0.070 χ^2/NDF : 1246328.3/12

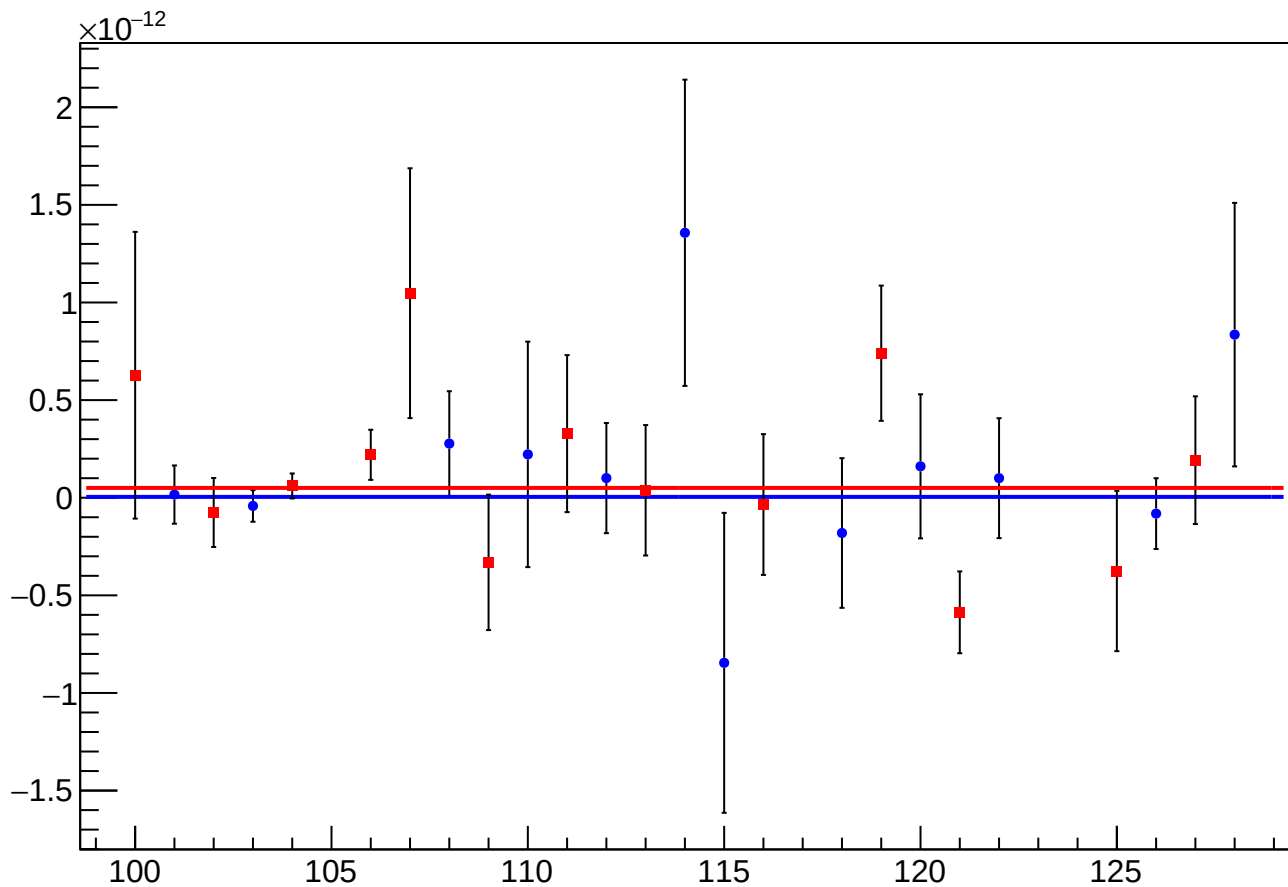
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.779+/-0.050 χ^2/NDF : 2074519.2/24

- 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 : 8.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 21.5/12

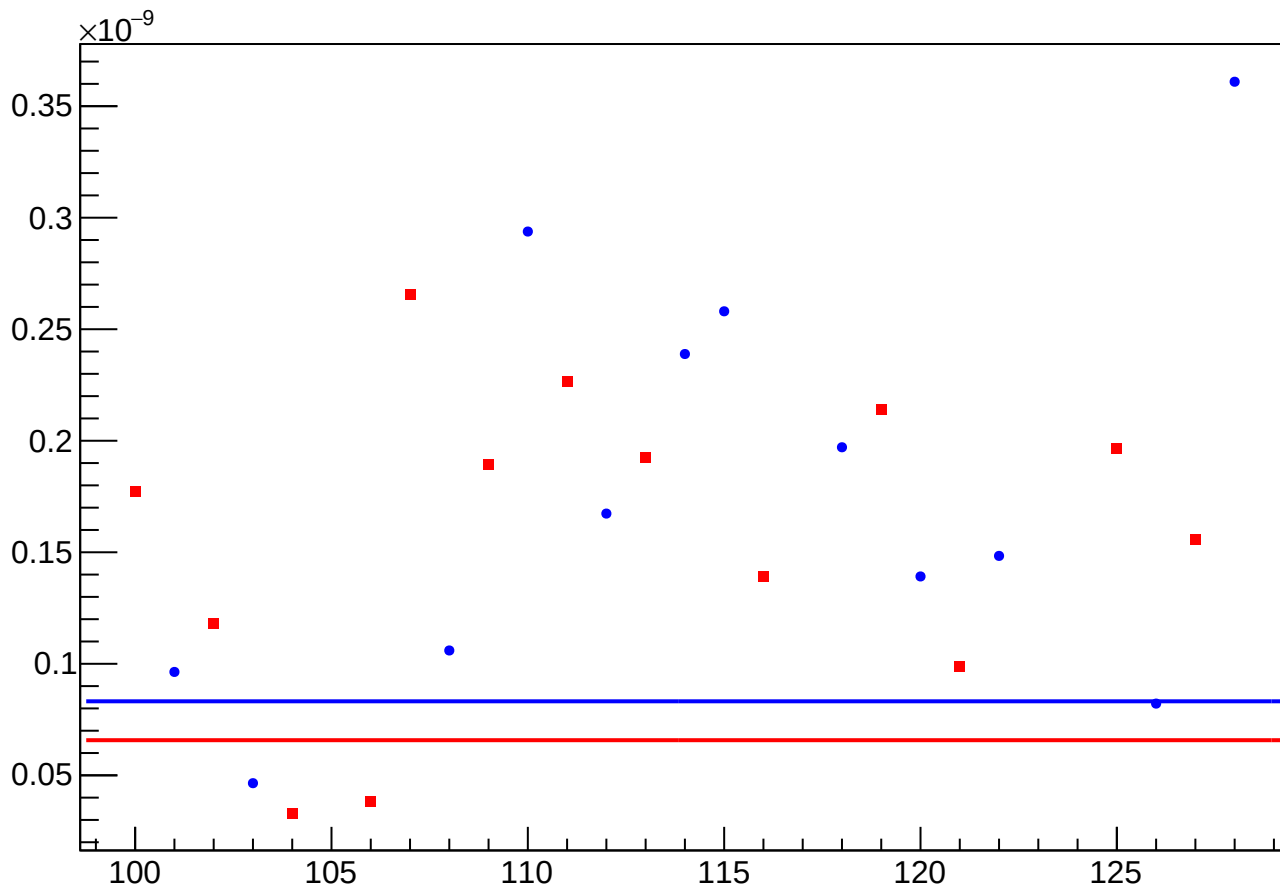
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.0/24

- 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 : 1719477.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2753958.1/12

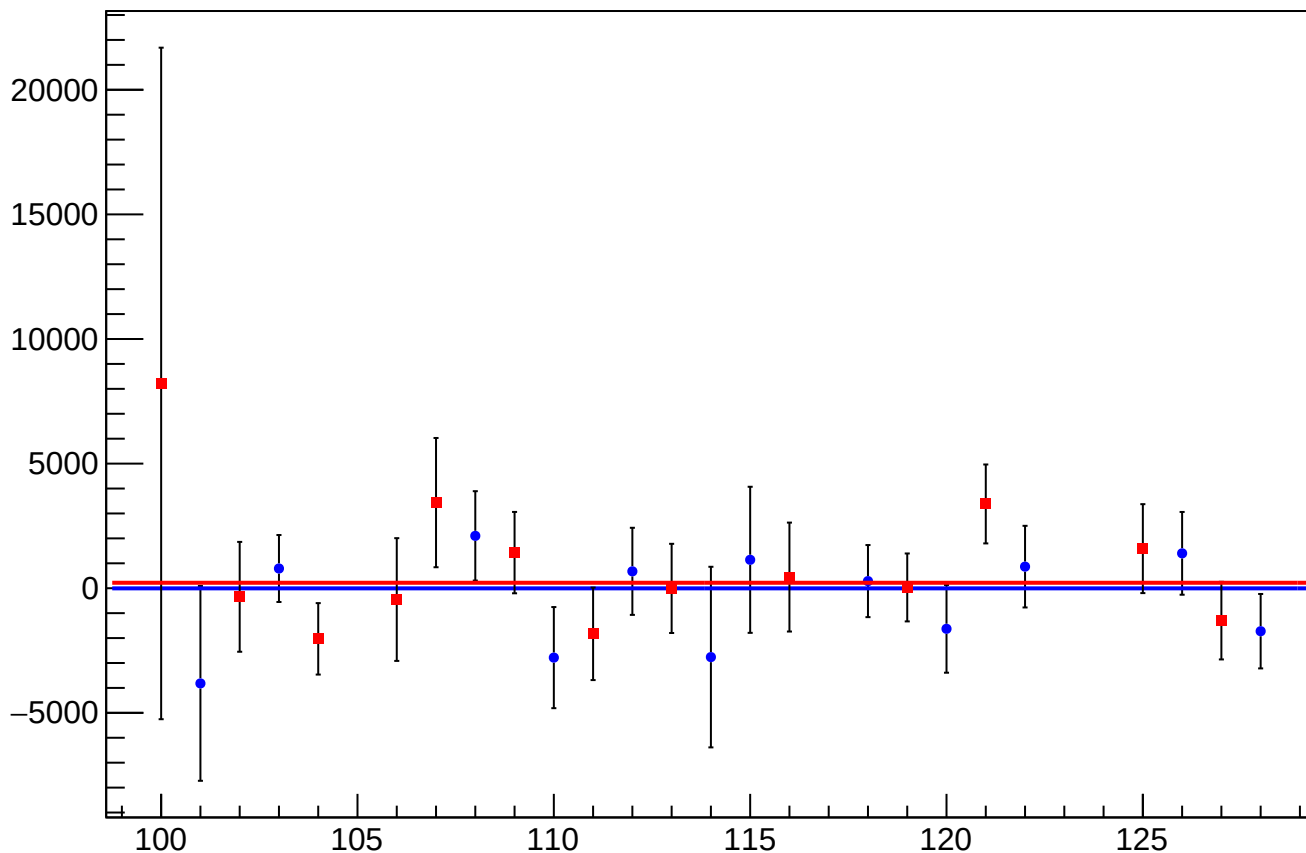
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4577139.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: -5.566+/-521.439 χ^2/NDF : 8.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 219.238+/-508.791 χ^2/NDF : 11.8/12

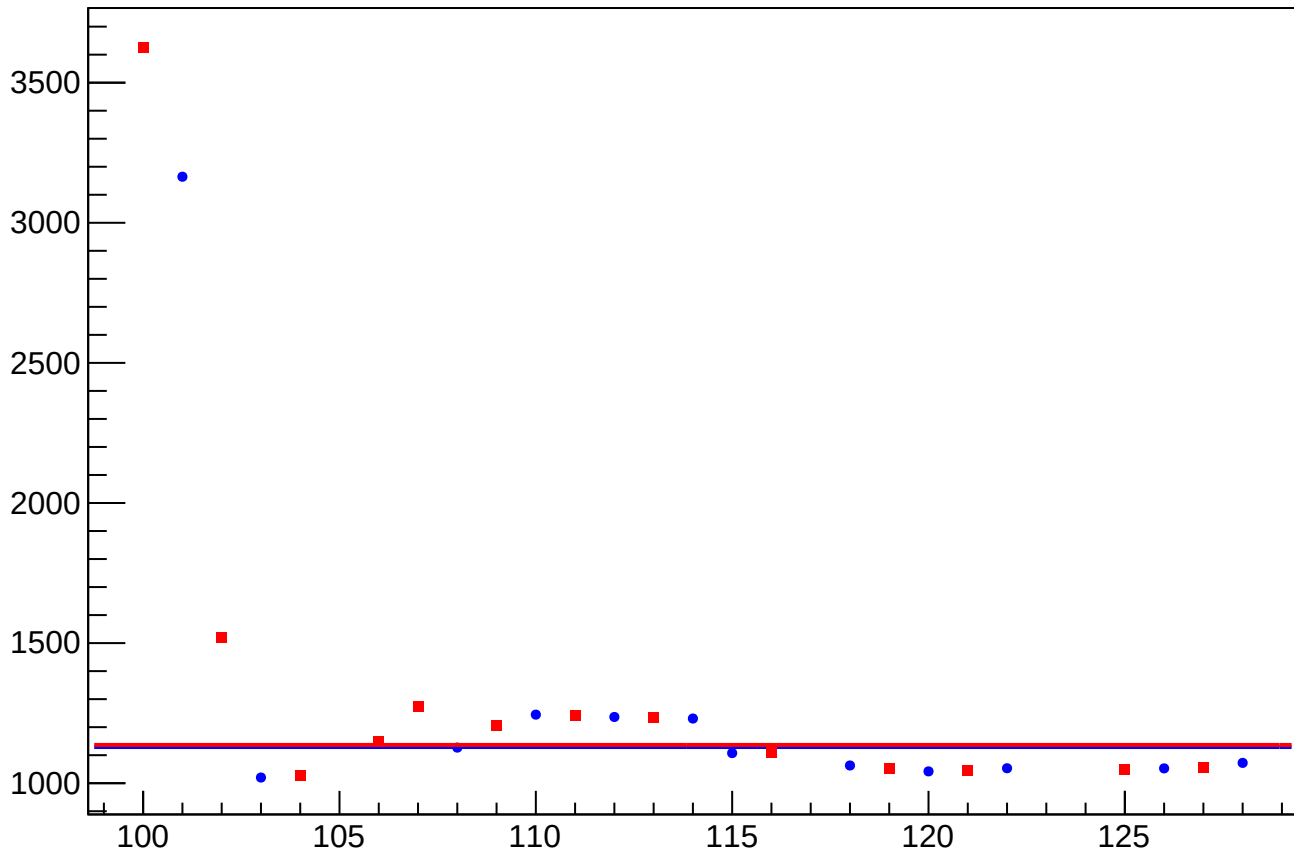
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.596+/-364.159 χ^2/NDF : 20.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1129.146 $\pm$ 0.369 χ^2 /NDF: 591827.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1136.601 $\pm$ 0.359 χ^2 /NDF: 187313.5/12

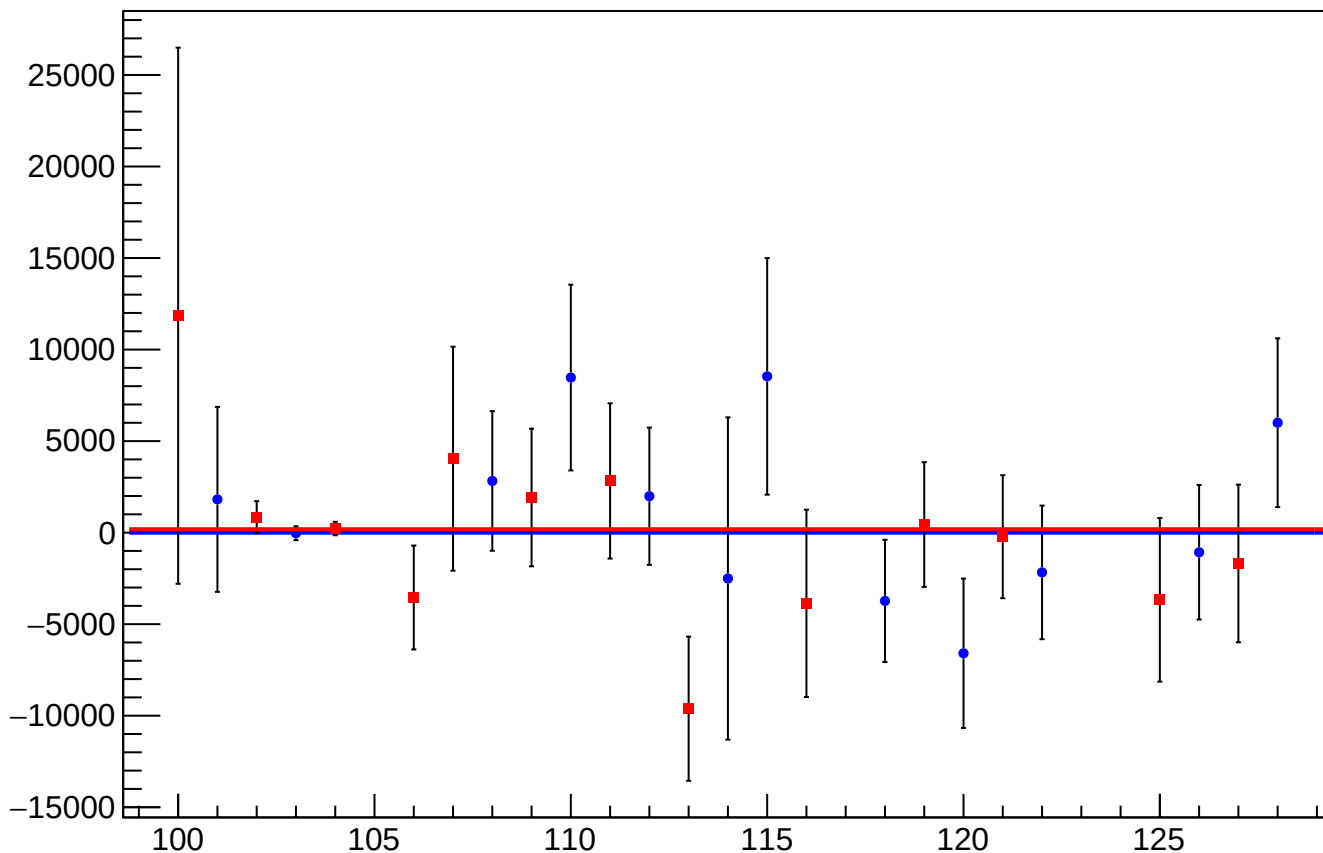
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1132.974 $\pm$ 0.257 χ^2 /NDF: 779350.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_reg_correction_mean vs Slug



Right In: -1.271+/-362.408 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.476+/-325.786 χ^2/NDF : 11.7/12

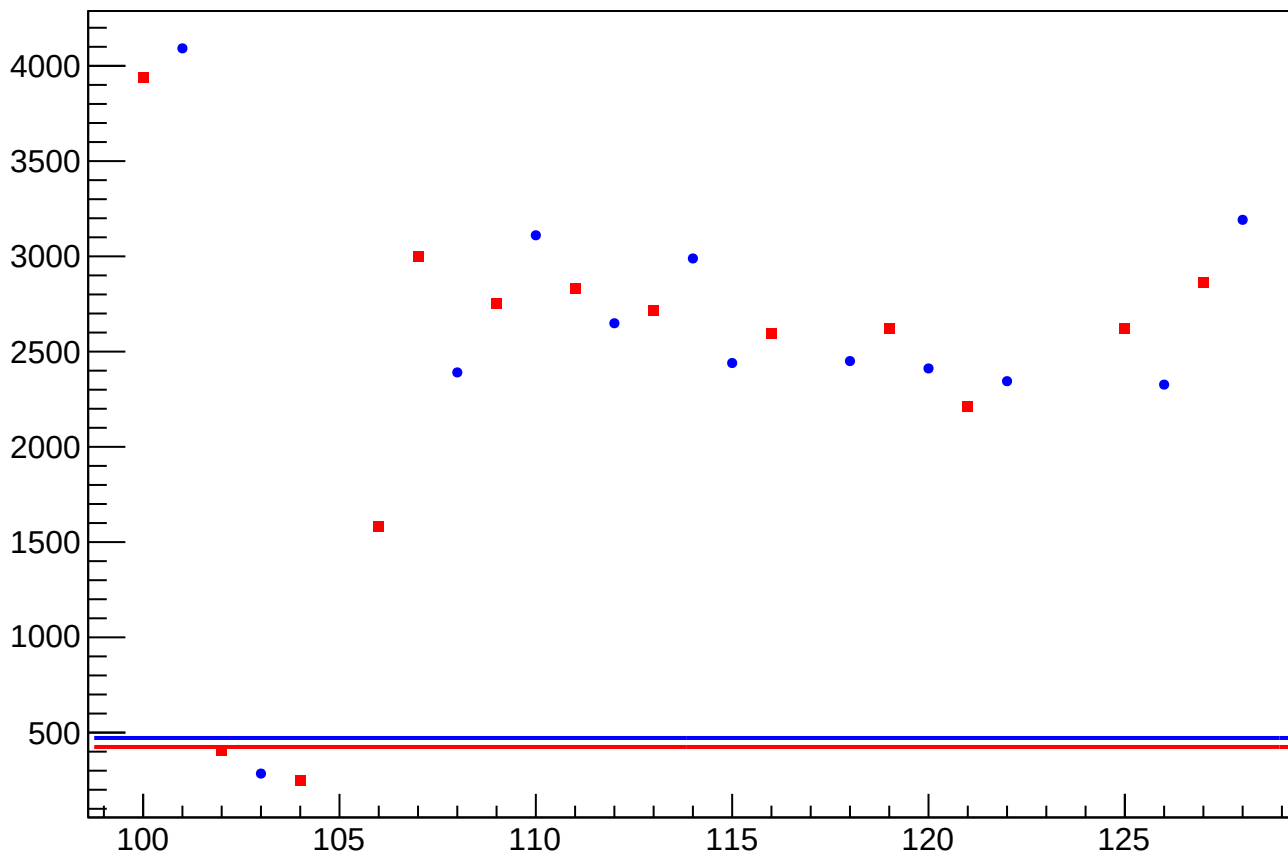
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.565+/-242.282 χ^2/NDF : 23.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_reg_correction_rms vs Slug



Right In: 471.806+/-0.256 χ^2/NDF : 6474836.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 424.541+/-0.230 χ^2/NDF : 6238232.9/12

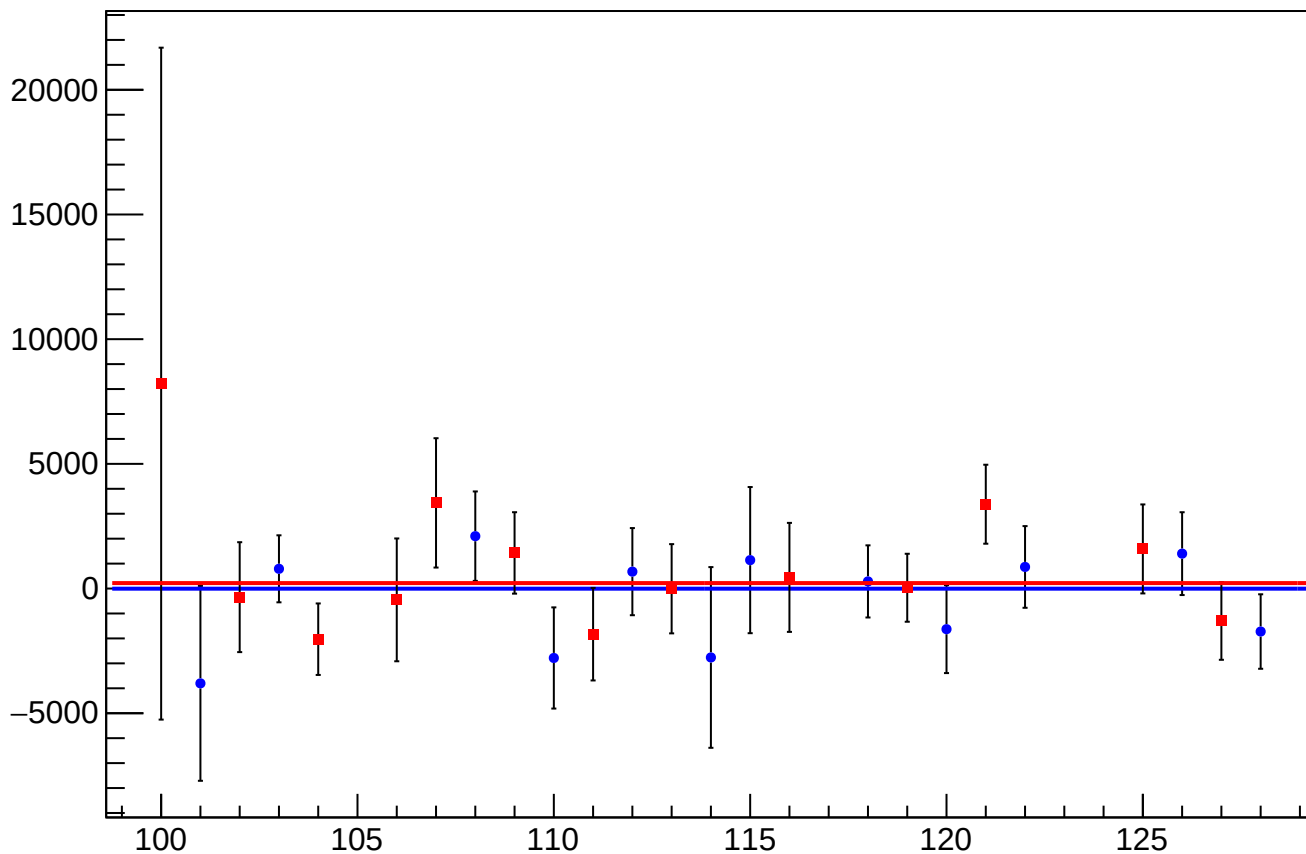
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 445.666+/-0.171 χ^2/NDF : 12731883.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: -5.272+/-521.439 χ^2/NDF : 8.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 218.986+/-508.791 χ^2/NDF : 11.8/12

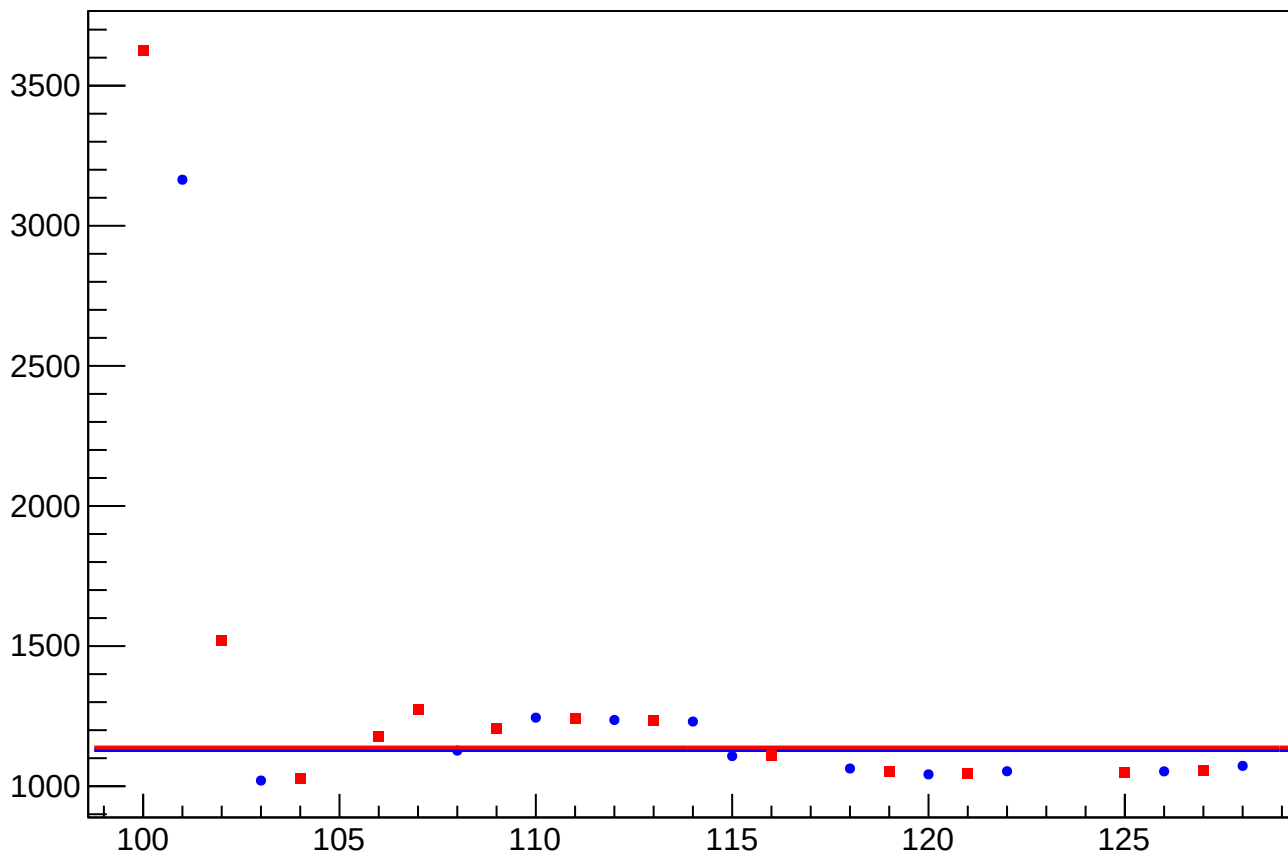
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.609+/-364.159 χ^2/NDF : 20.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1129.146+/-0.369 χ^2/NDF : 591828.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1137.936+/-0.359 χ^2/NDF : 187857.0/12

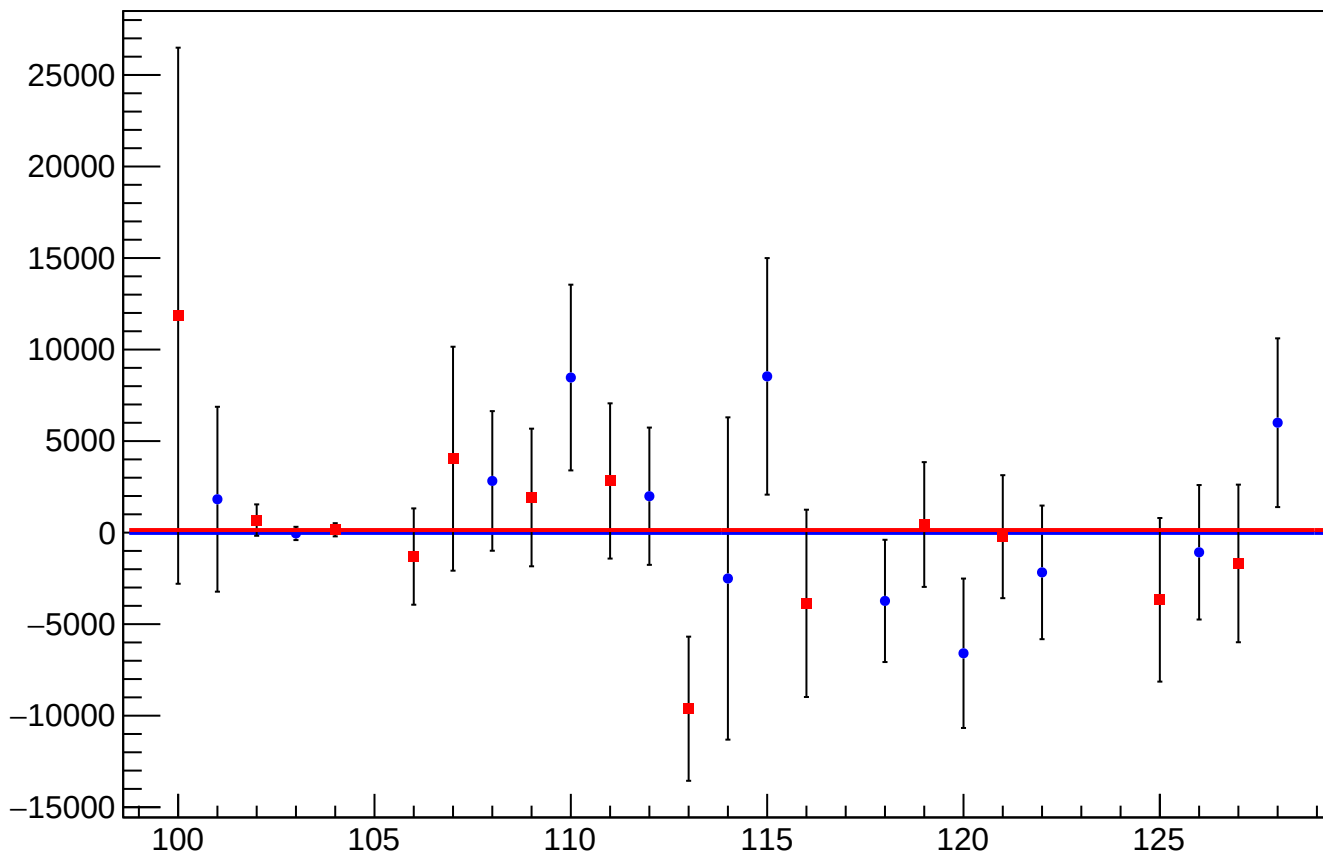
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1133.652+/-0.257 χ^2/NDF : 779976.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_cor_correction_mean vs Slug



Right In: -15.420+/-348.771 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 140.670+/-320.453 χ^2/NDF : 10.1/12

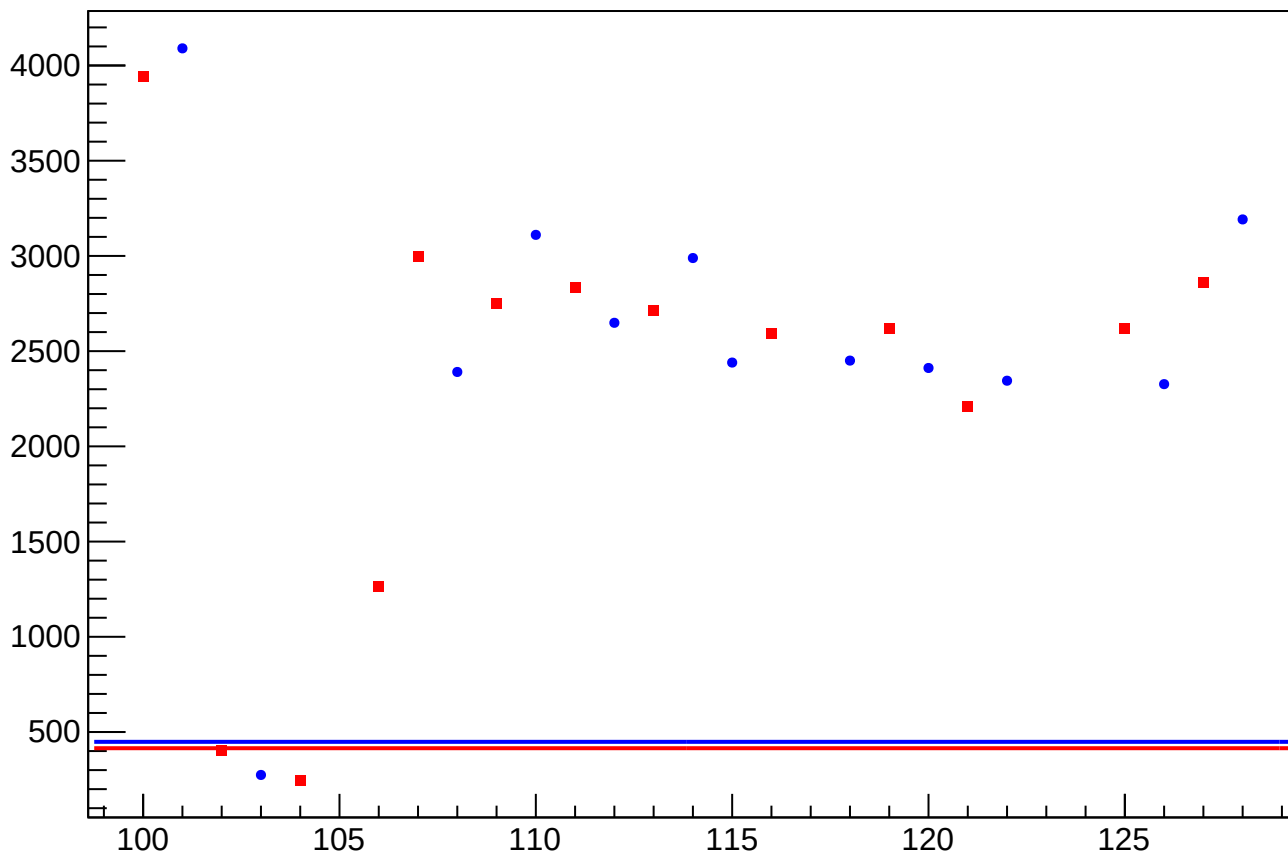
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.218+/-235.972 χ^2/NDF : 21.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_cor_correction_rms vs Slug



Right In: 448.428+/-0.247 χ^2/NDF : 6568653.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 414.906+/-0.227 χ^2/NDF : 6139724.7/12

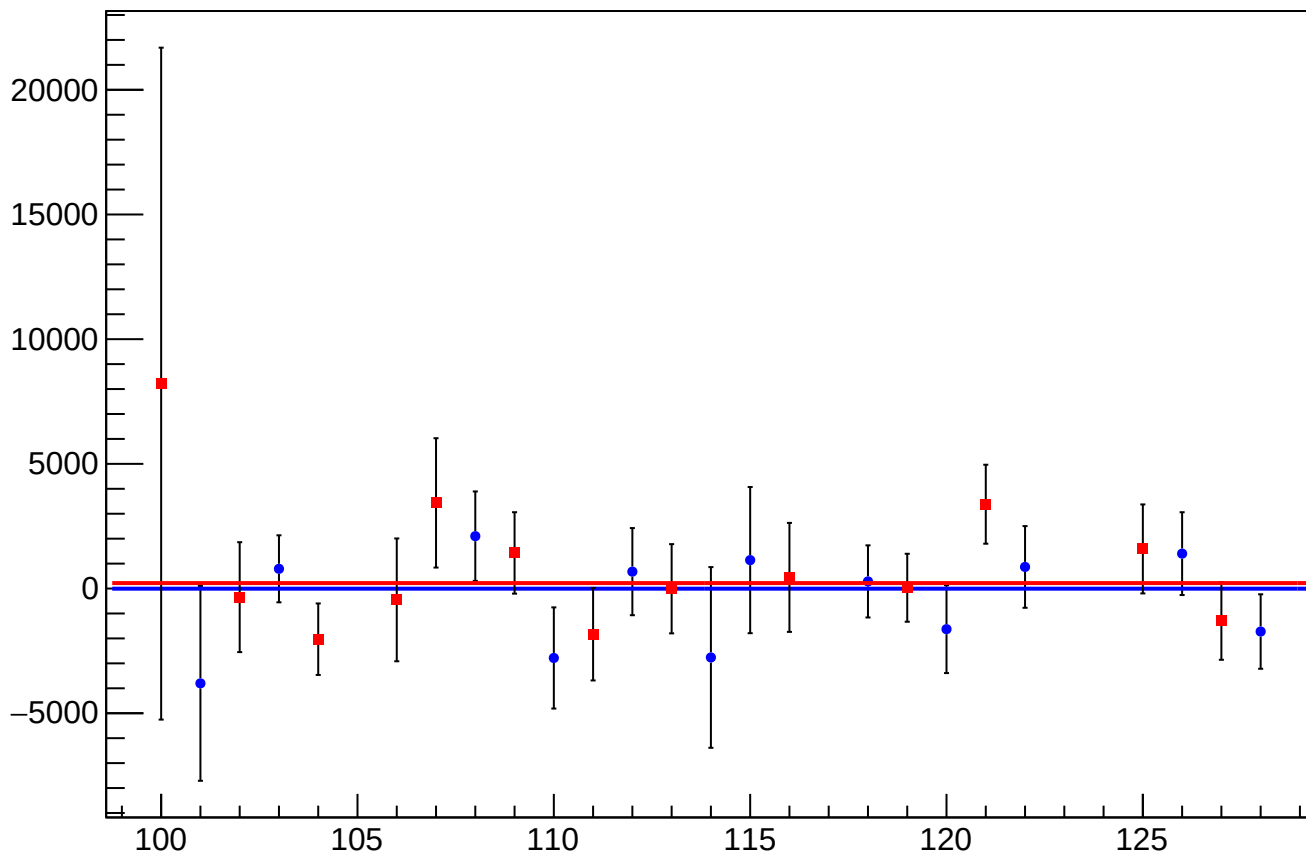
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 430.251+/-0.167 χ^2/NDF : 12718395.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: -5.272+/-521.439 χ^2/NDF : 8.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 218.986+/-508.791 χ^2/NDF : 11.8/12

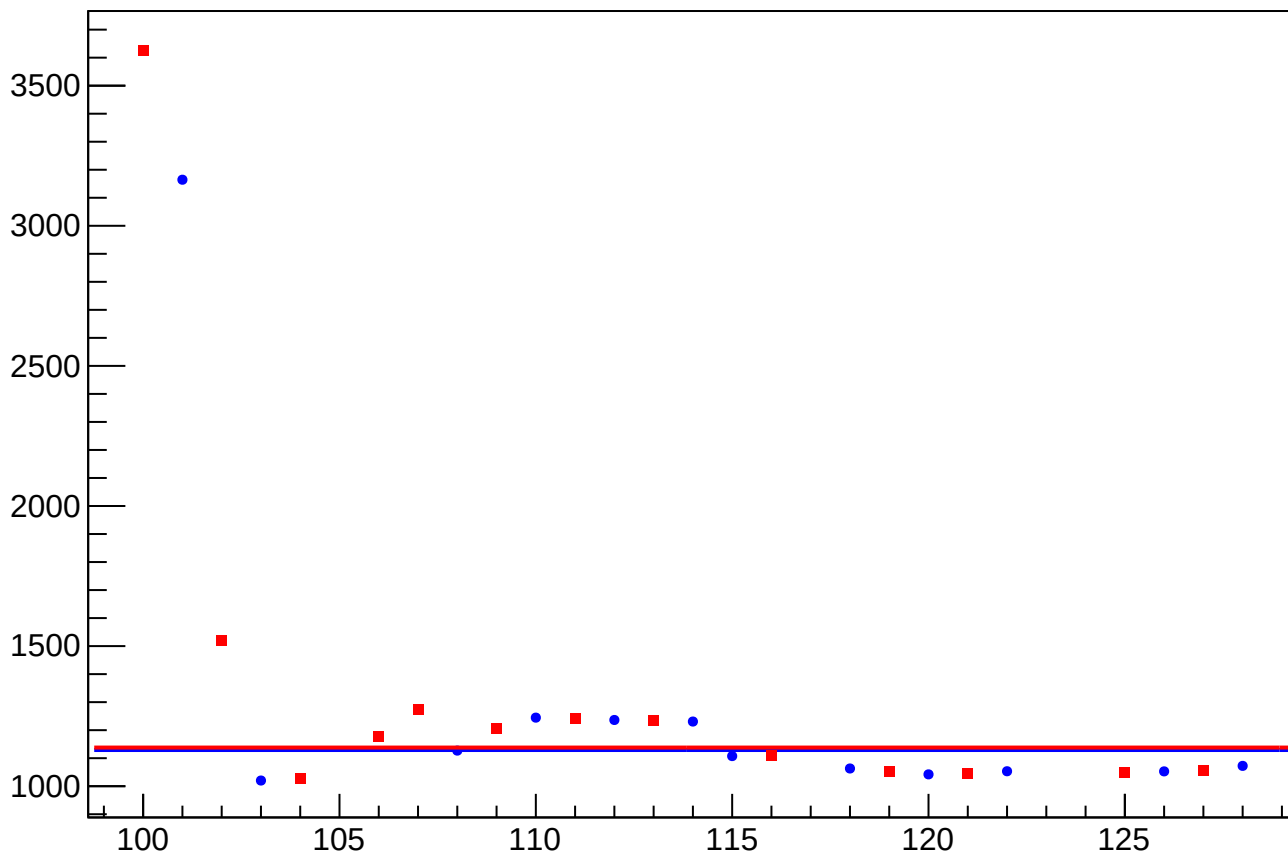
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.609+/-364.159 χ^2/NDF : 20.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1129.146+/-0.369 χ^2/NDF : 591828.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1137.936+/-0.359 χ^2/NDF : 187857.0/12

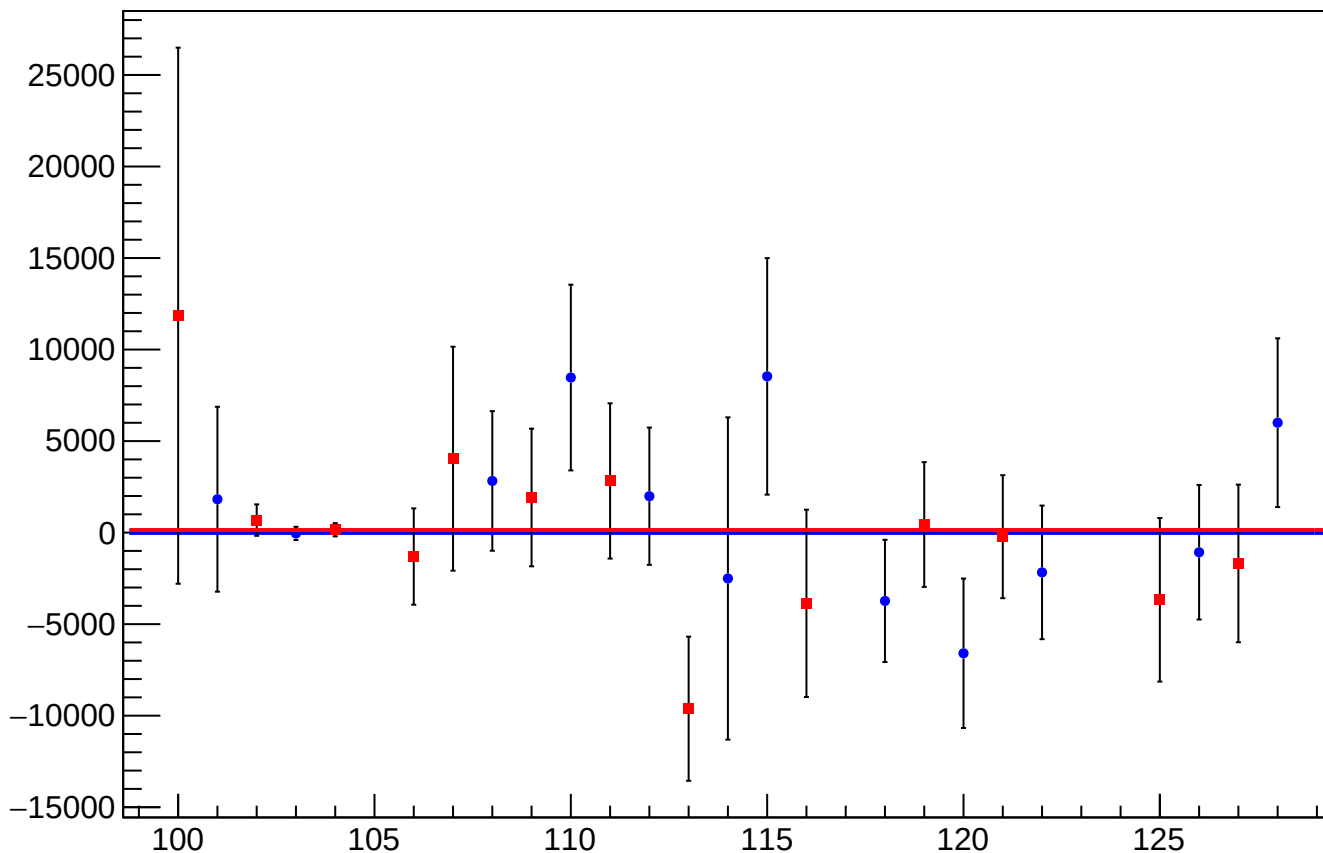
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1133.652+/-0.257 χ^2/NDF : 779976.7/24

- 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: -15.420+/-348.771 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 140.670+/-320.453 χ^2/NDF : 10.1/12

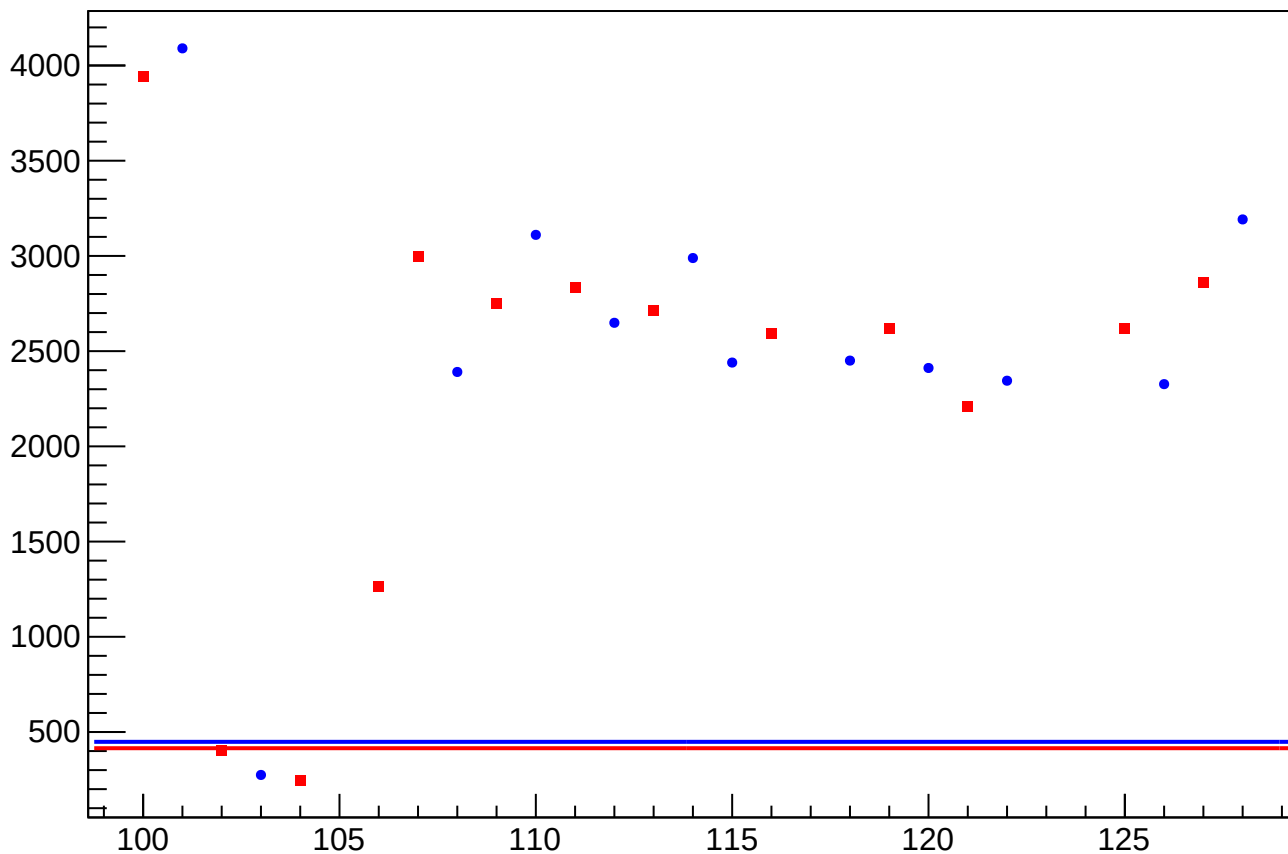
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.218+/-235.972 χ^2/NDF : 21.8/24

- 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: 448.428+/-0.247 χ^2/NDF : 6568653.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 414.906+/-0.227 χ^2/NDF : 6139724.7/12

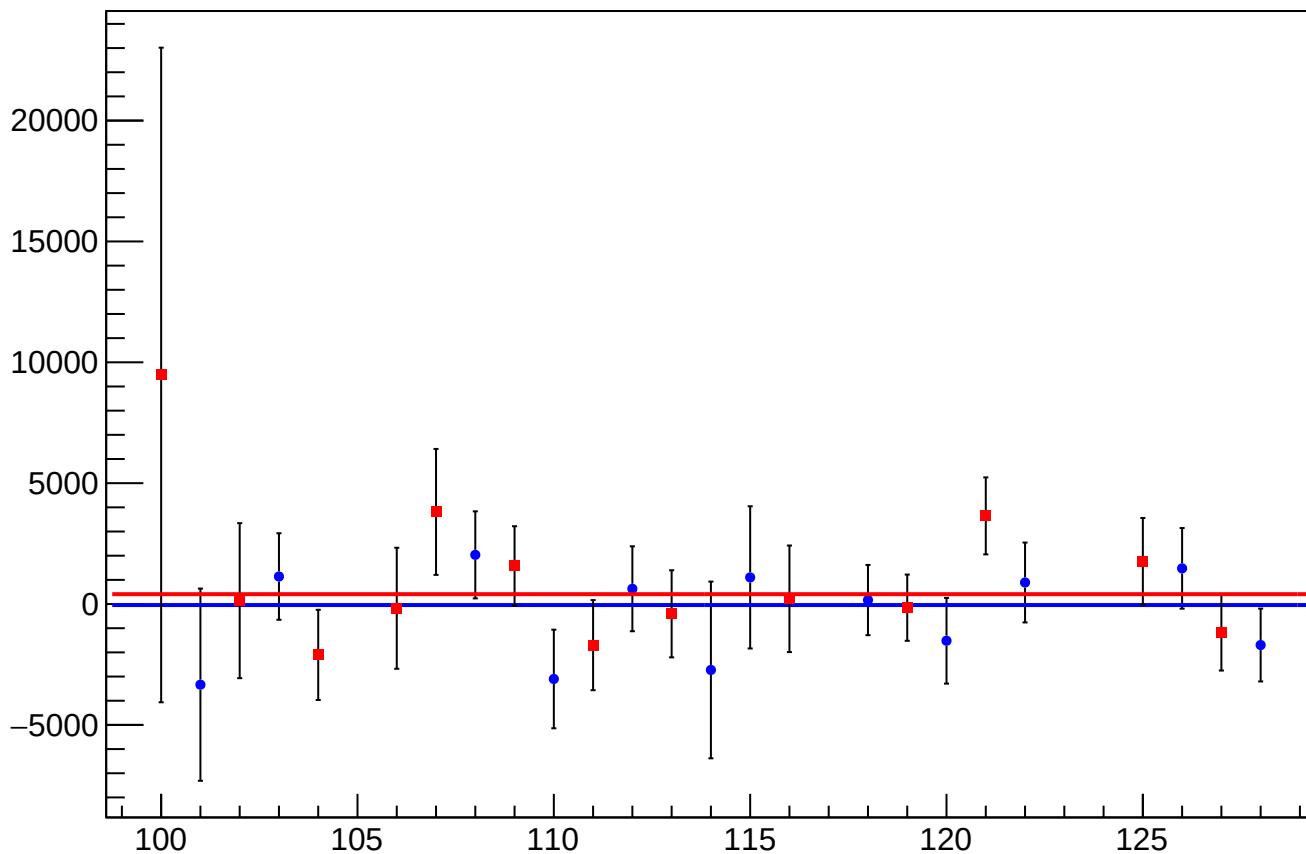
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 430.251+/-0.167 χ^2/NDF : 12718395.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: -41.380+/-542.609 χ^2/NDF : 8.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 407.729+/-533.214 χ^2/NDF : 11.9/12

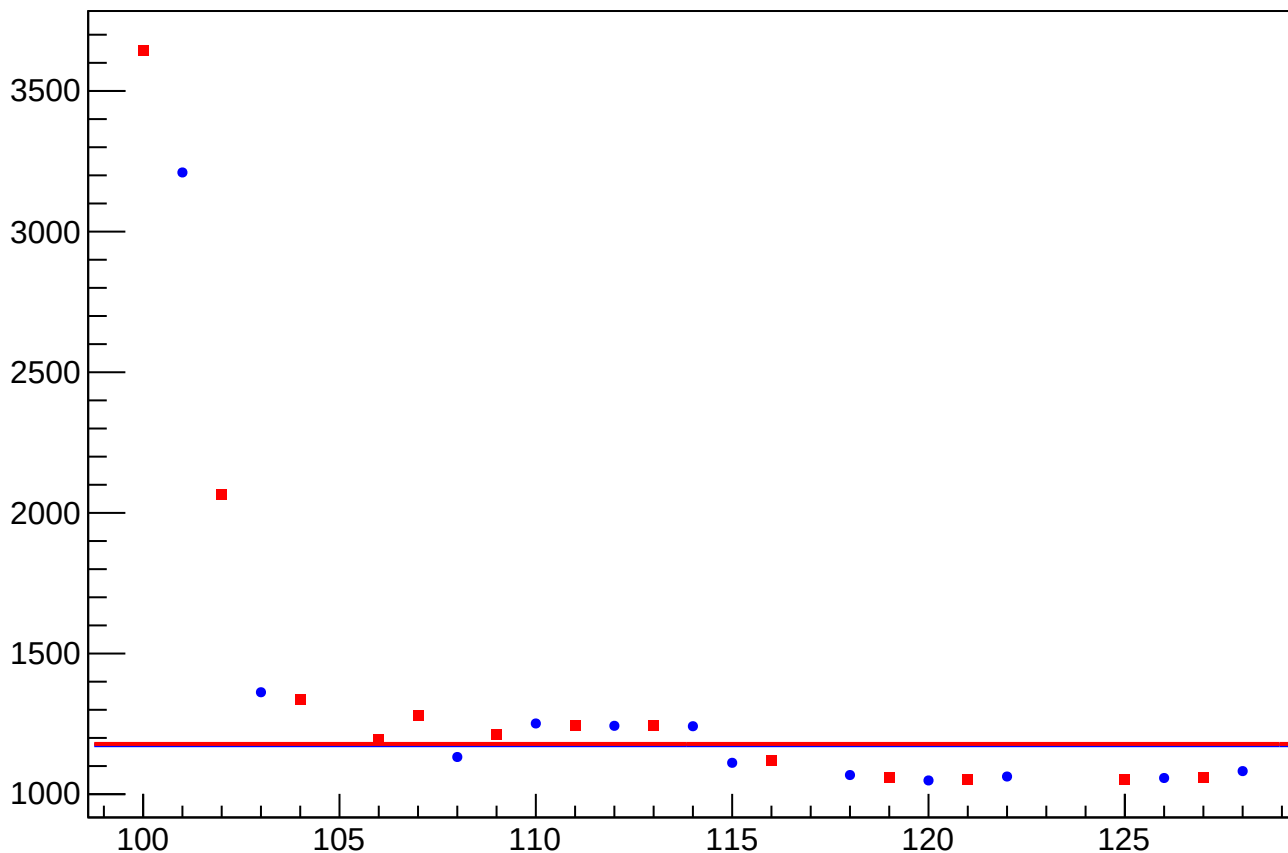
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.096+/-380.317 χ^2/NDF : 20.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1174.164 $\pm$ 0.384 χ^2 /NDF: 602282.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

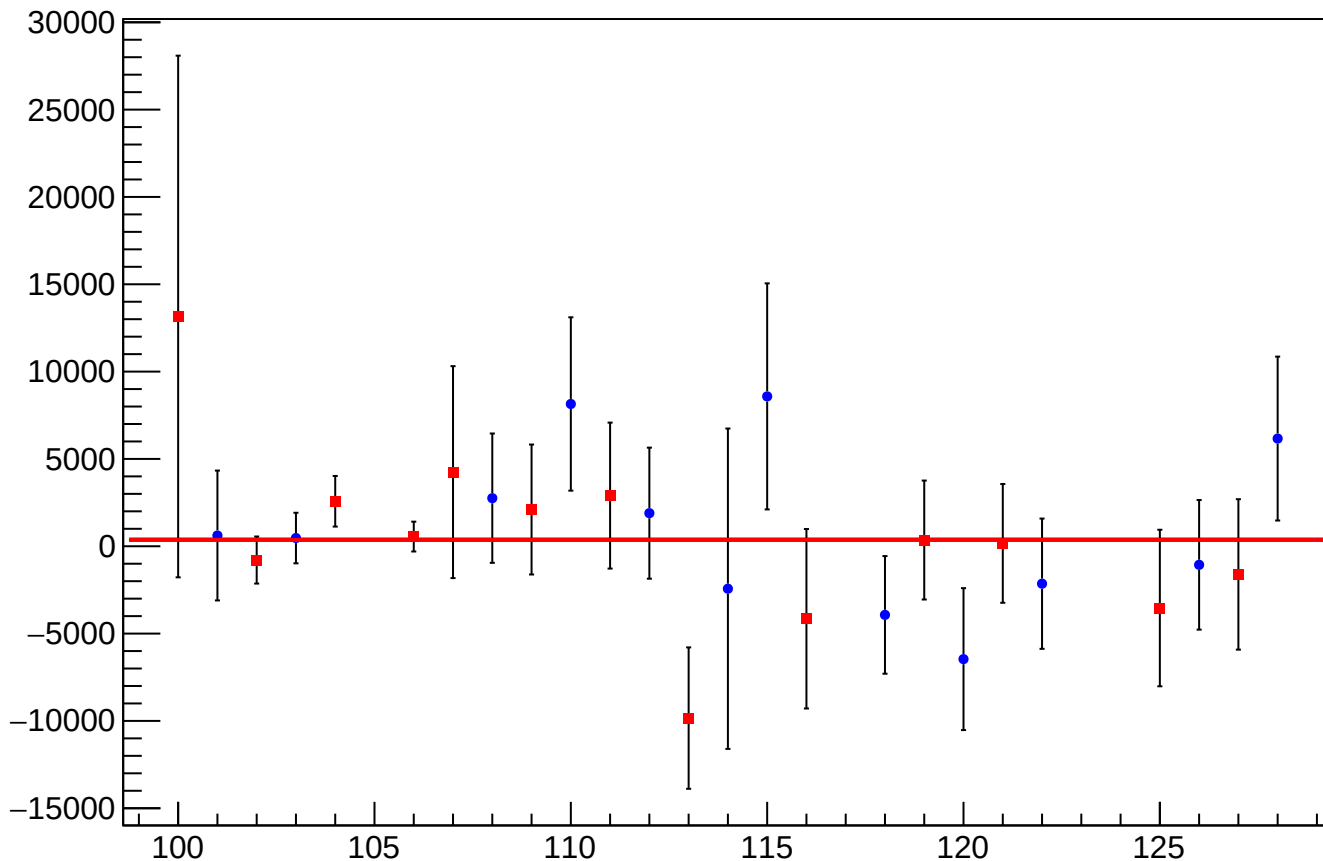
Right Out: 1178.676 $\pm$ 0.377 χ^2 /NDF: 294275.3/12

All: 1176.461 $\pm$ 0.269 χ^2 /NDF: 896628.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_dit_correction_mean vs Slug



Right In: 380.456+/-949.733 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 363.933+/-583.661 χ^2/NDF : 12.9/12

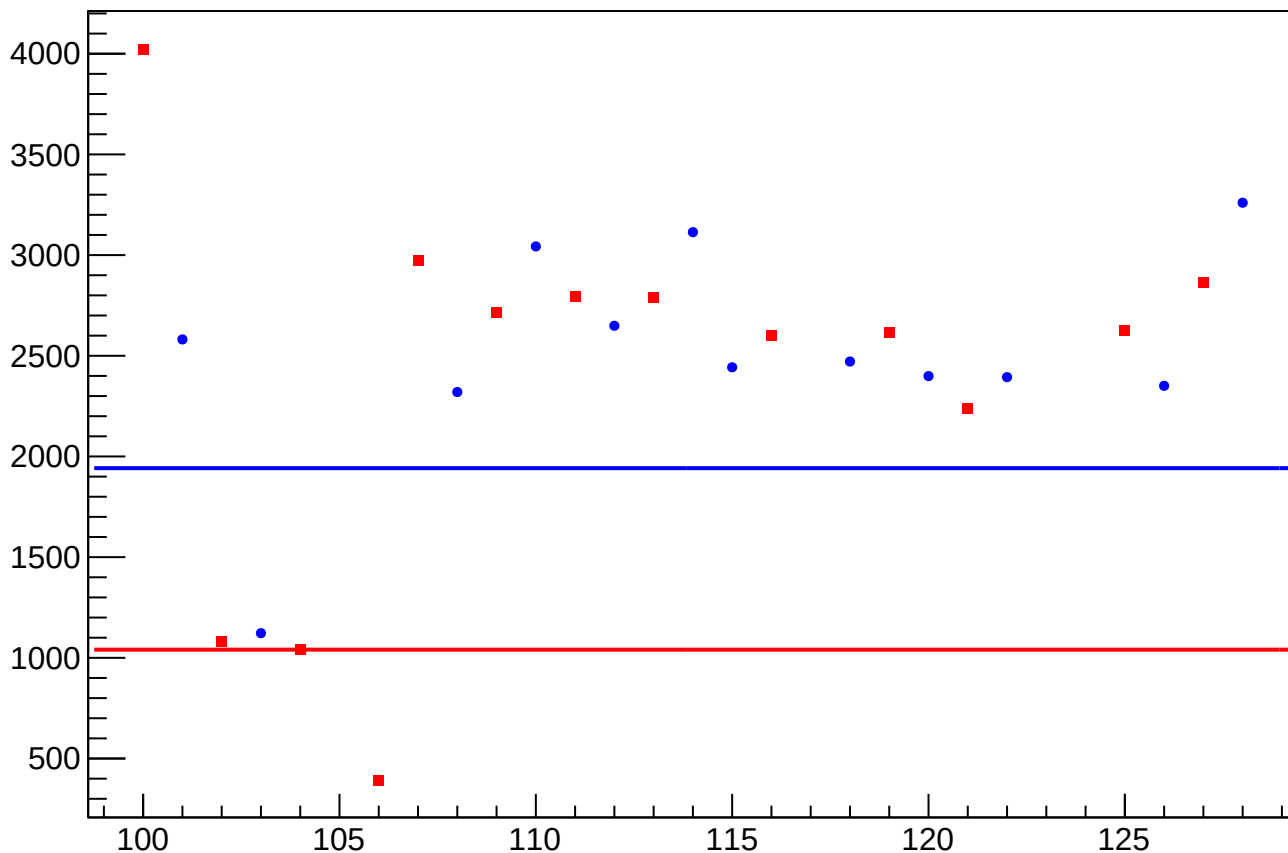
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 368.463+/-497.264 χ^2/NDF : 24.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_dit_correction_rms vs Slug



Right In: 1942.007+/-0.672 χ^2/NDF : 1221419.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

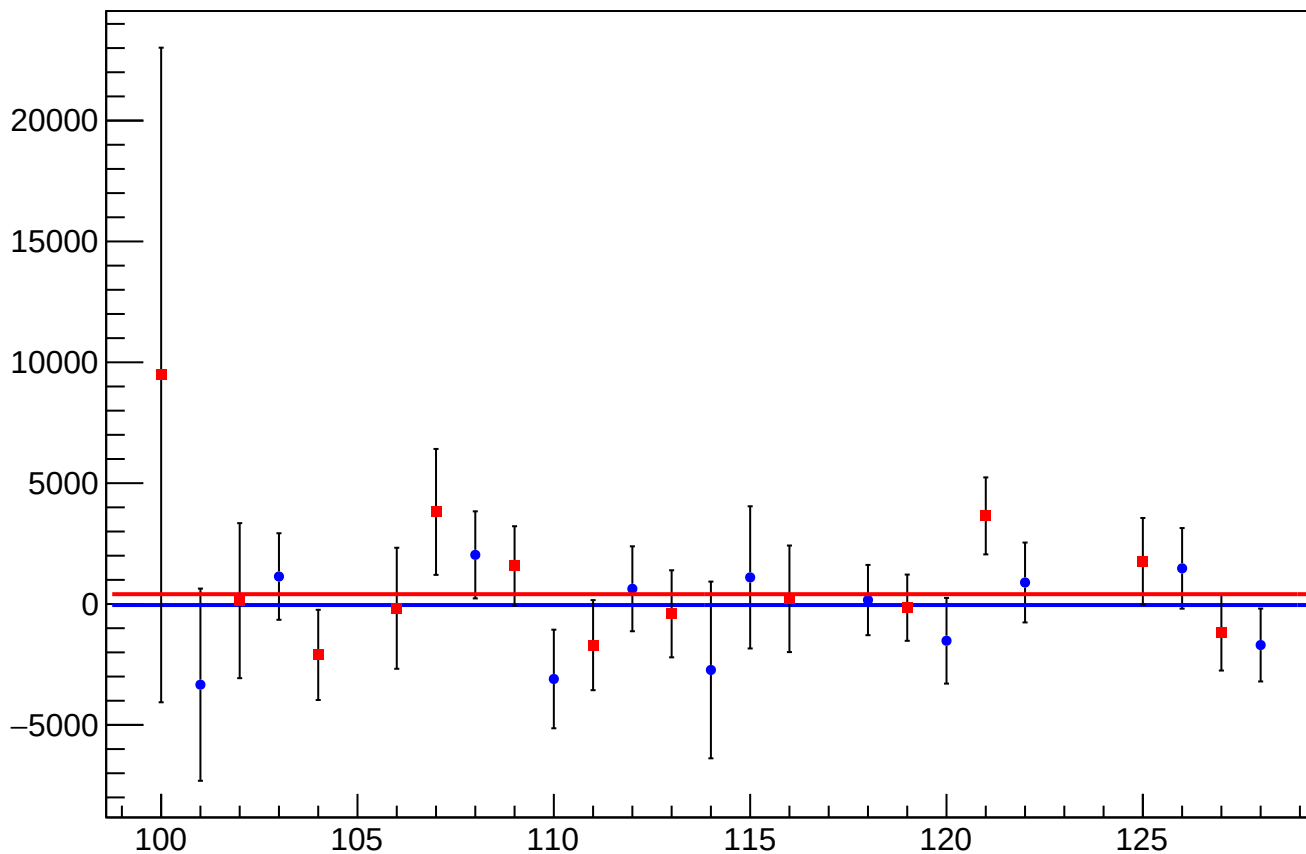
Right Out: 1040.632+/-0.413 χ^2/NDF : 4045029.6/12

All: 1287.734+/-0.352 χ^2/NDF : 6574099.4/24

- 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: -41.380+/-542.609 χ^2/NDF : 8.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 407.734+/-533.214 χ^2/NDF : 11.9/12

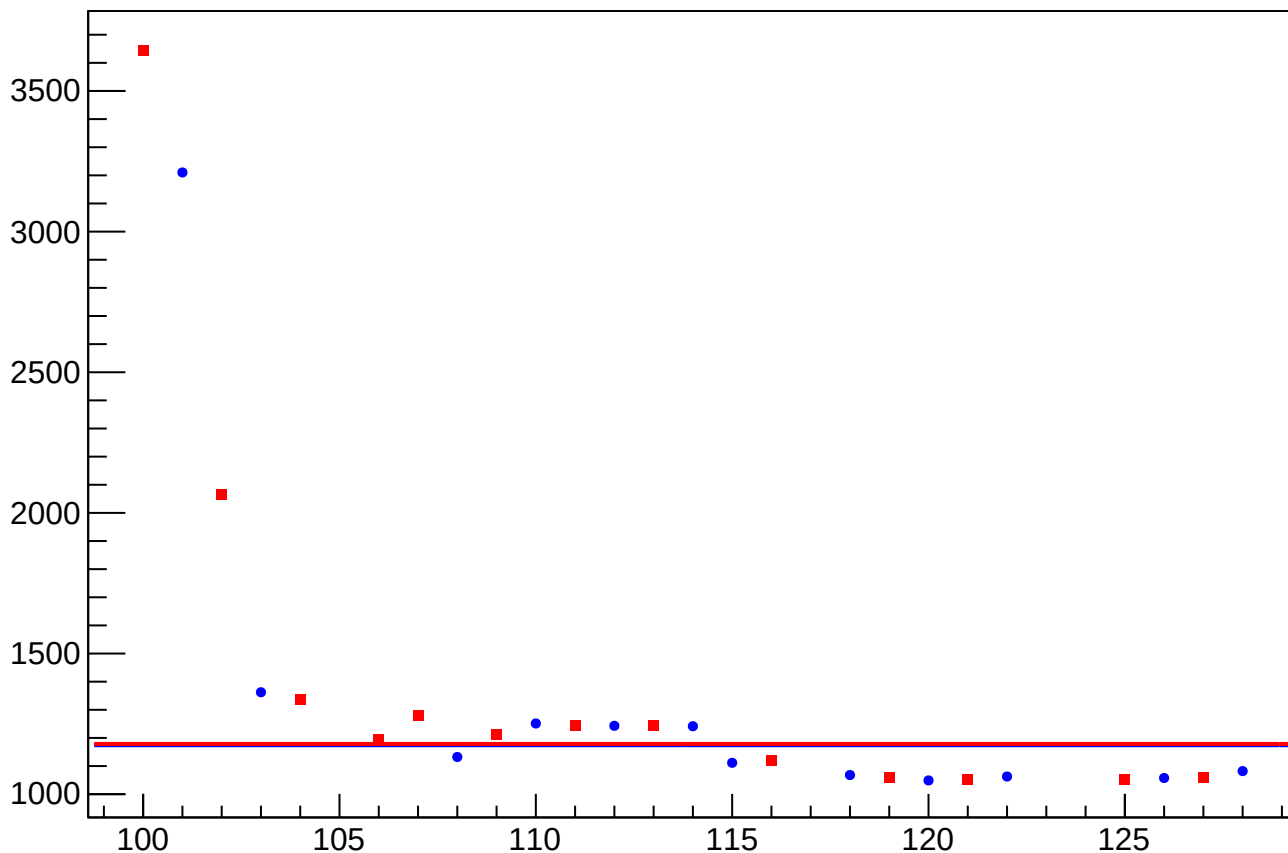
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.099+/-380.317 χ^2/NDF : 20.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1174.164+/-0.384 χ^2/NDF : 602282.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

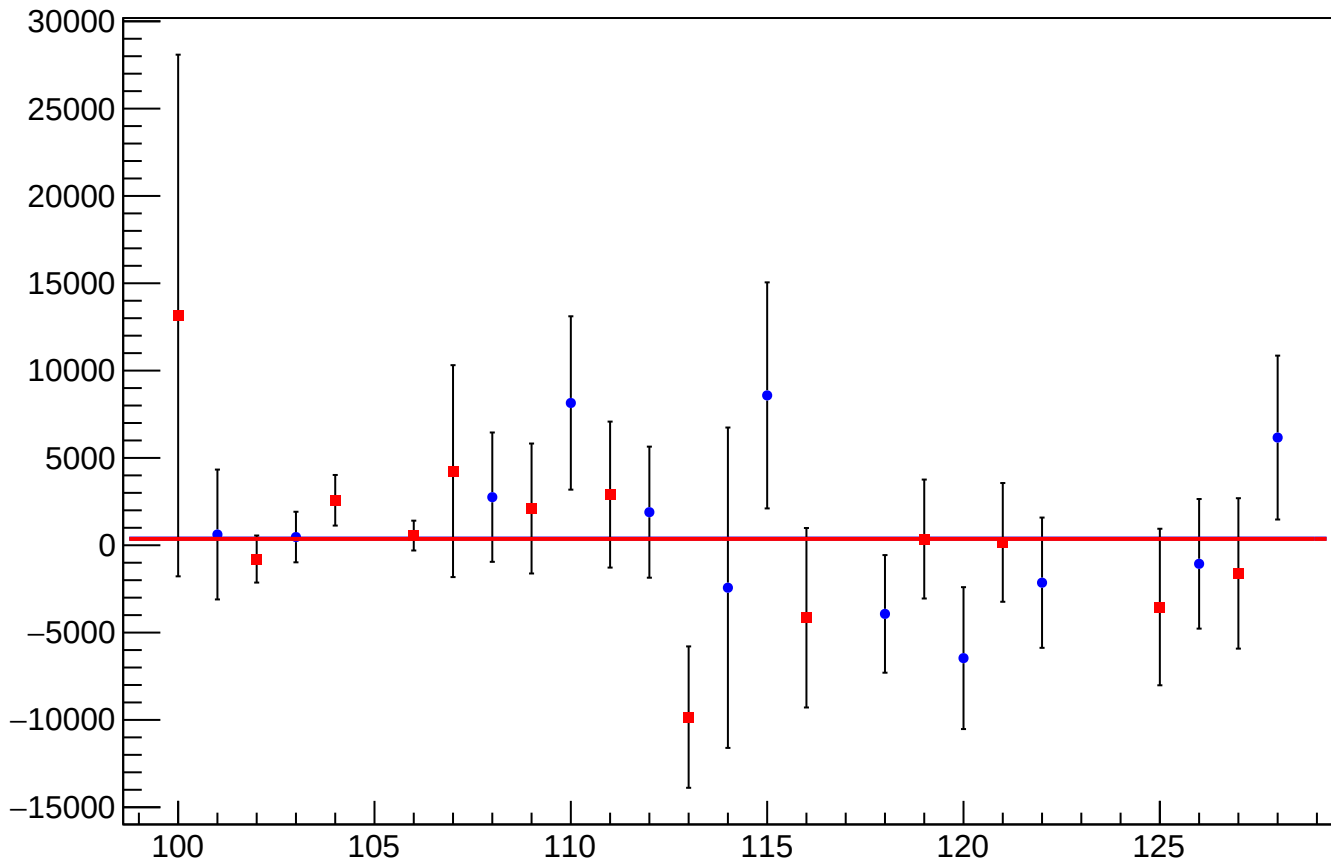
Right Out: 1178.676+/-0.377 χ^2/NDF : 294275.0/12

All: 1176.461+/-0.269 χ^2/NDF : 896628.3/24

- 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: 380.452+/-949.731 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 363.935+/-583.654 χ^2/NDF : 12.9/12

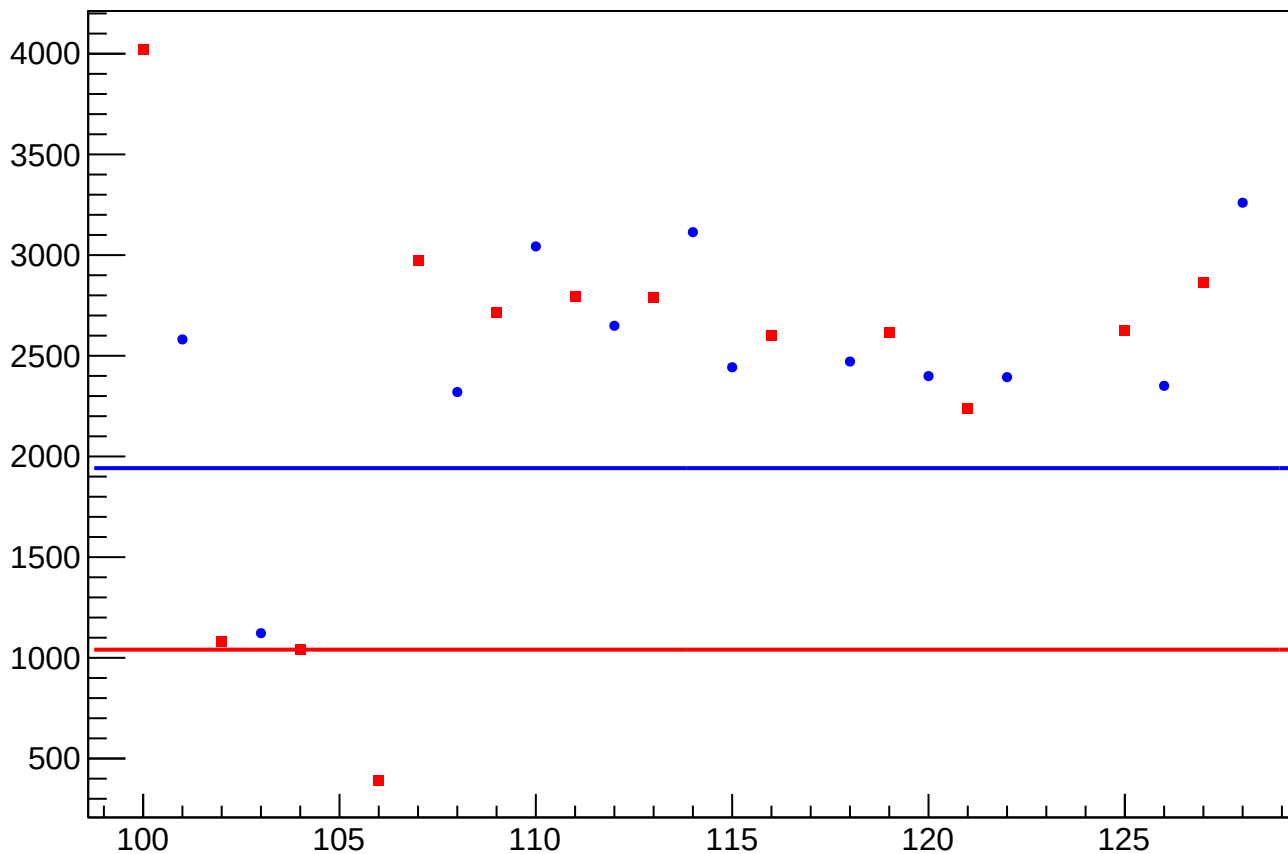
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 368.463+/-497.259 χ^2/NDF : 24.3/24

- 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: 1942.004+/-0.672 χ^2/NDF : 1221412.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

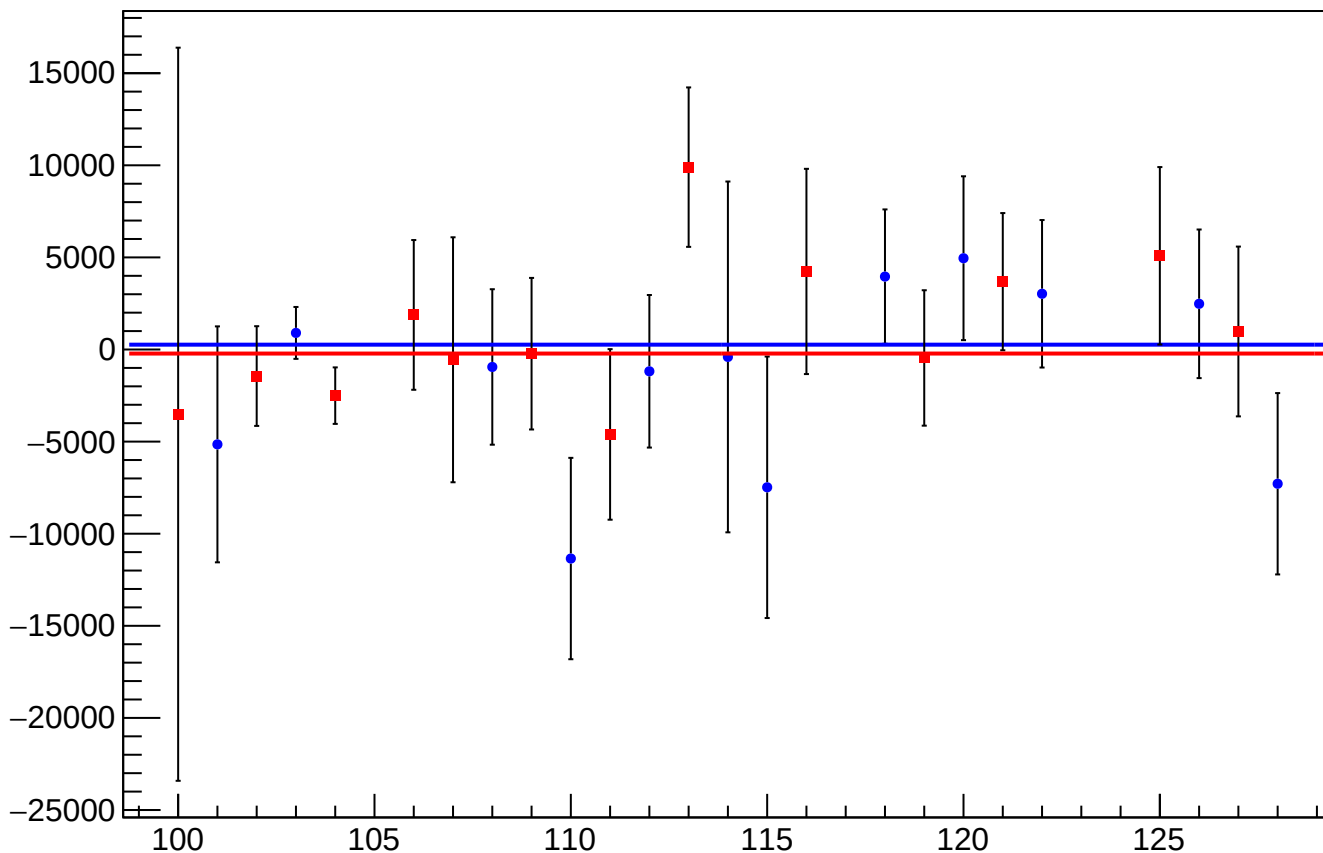
Right Out: 1040.610+/-0.413 χ^2/NDF : 4045123.0/12

All: 1287.714+/-0.352 χ^2/NDF : 6574251.6/24

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_avg_atlr_avg_dd_mean vs Slug



Right In: 262.528 $\pm$ 1000.983 χ^2 /NDF: 12.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -219.903 $\pm$ 964.474 χ^2 /NDF: 12.1/12

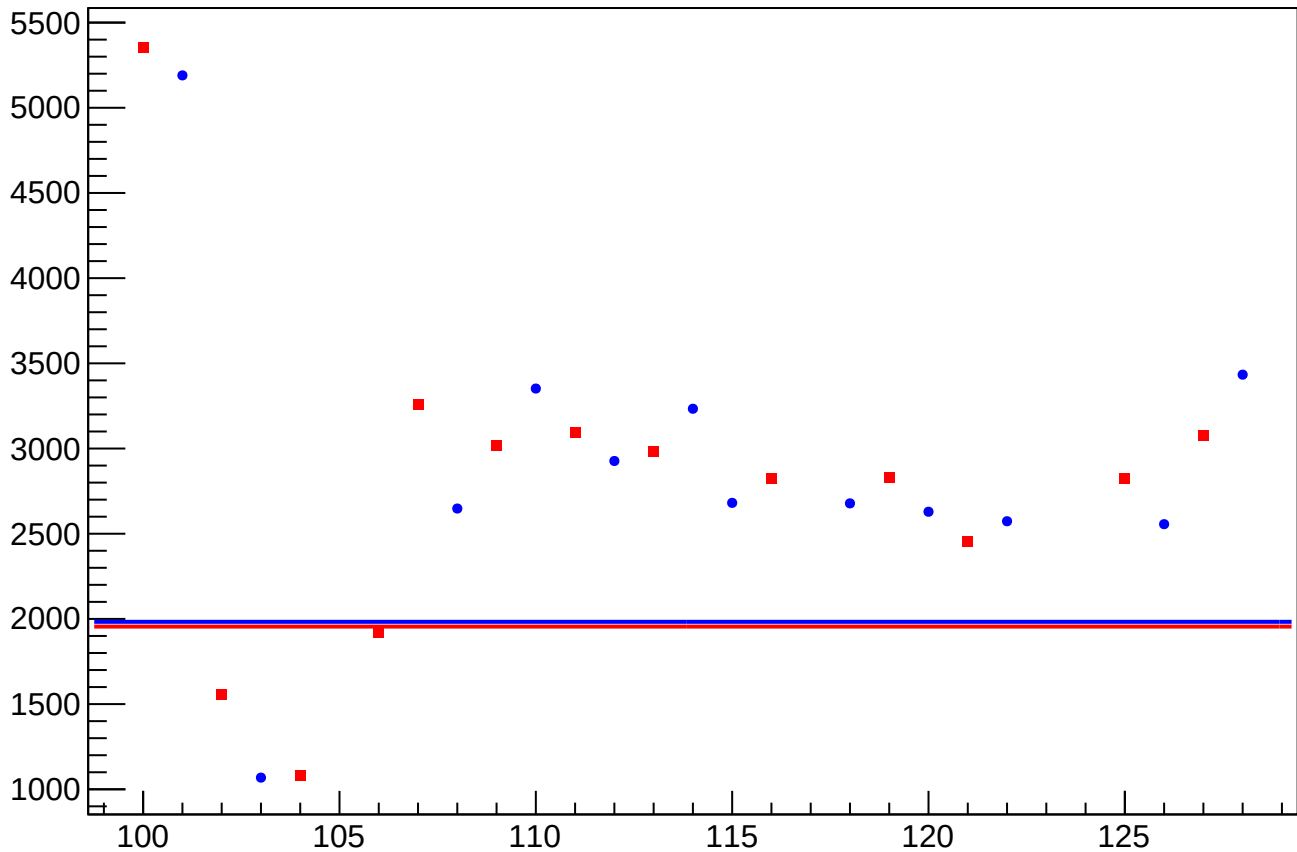
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.355 $\pm$ 694.534 χ^2 /NDF: 24.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1982.946+/-0.708 χ^2/NDF : 2049762.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1955.053+/-0.680 χ^2/NDF : 1575232.5/12

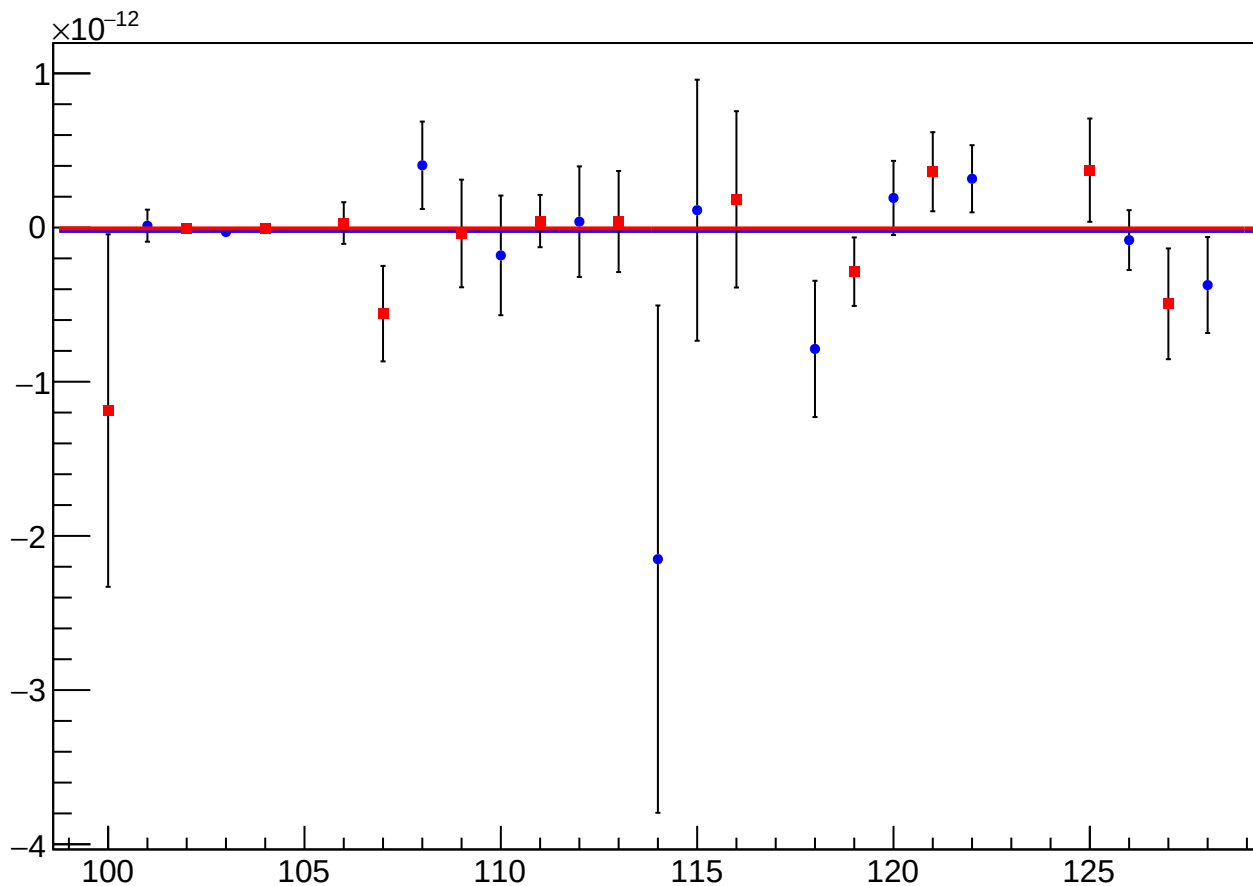
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1968.443+/-0.490 χ^2/NDF : 3625802.2/24

- 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: 11.9/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 11.3/12

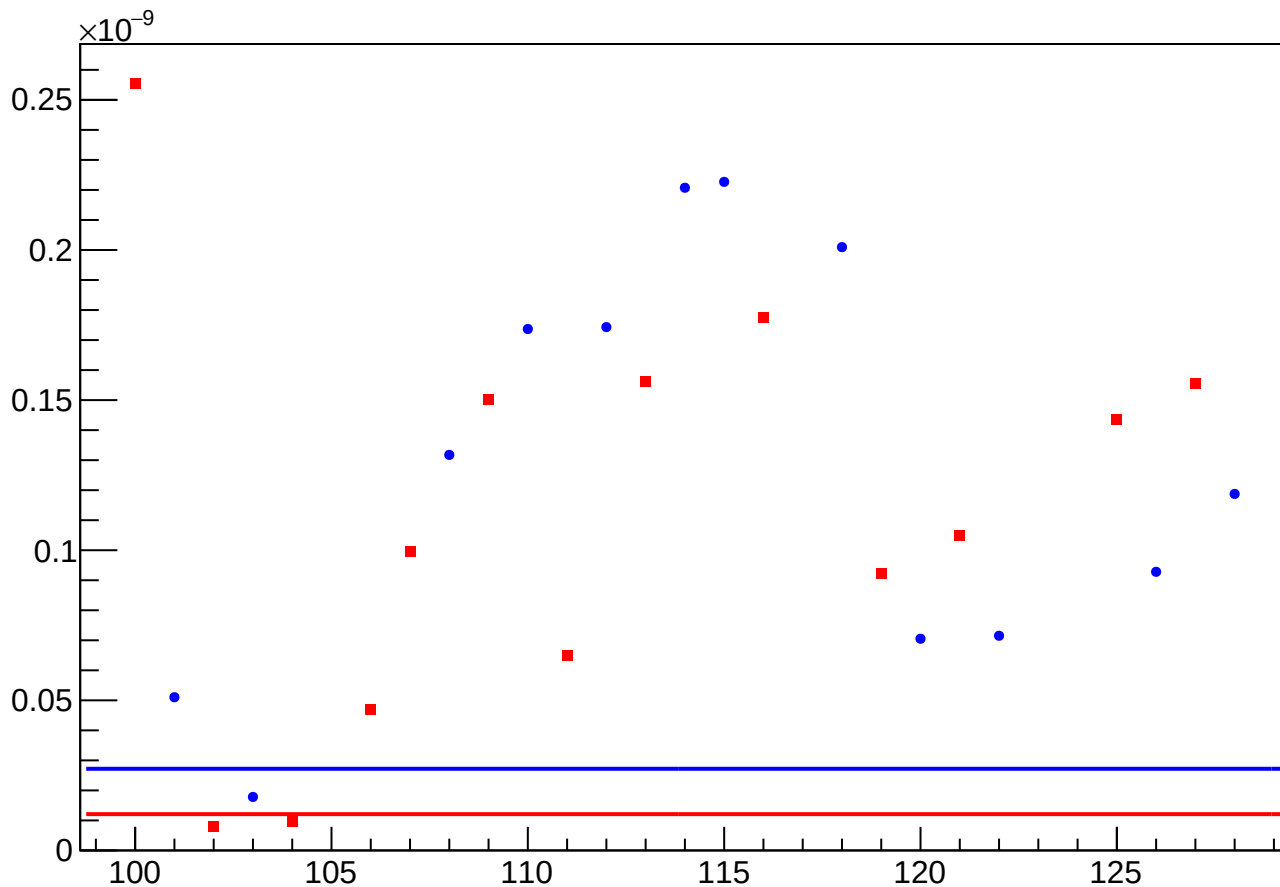
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 23.5/24

- 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 : 2201988.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2675249.3/12

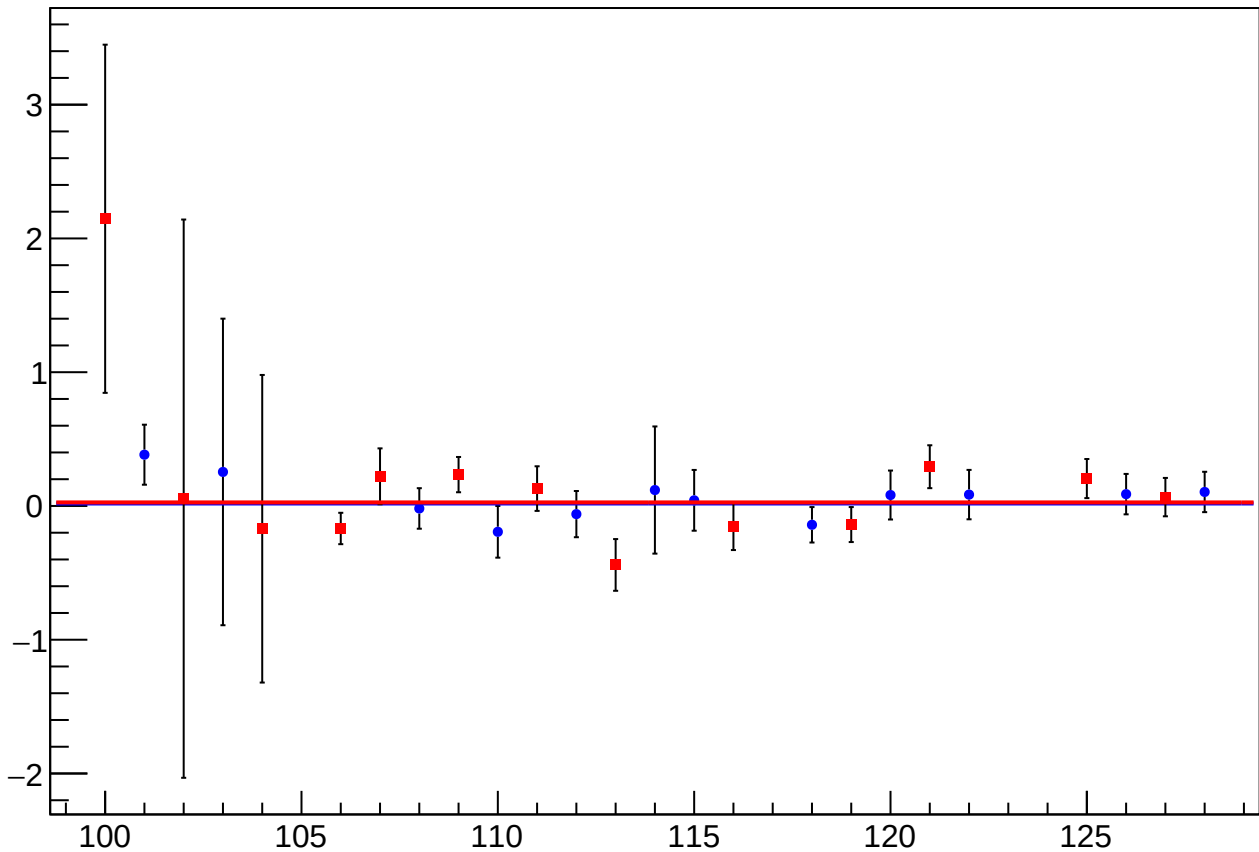
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5362277.8/24

- 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: 0.018 $\pm$ 0.053 χ^2 /NDF: 6.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.027 $\pm$ 0.048 χ^2 /NDF: 21.9/12

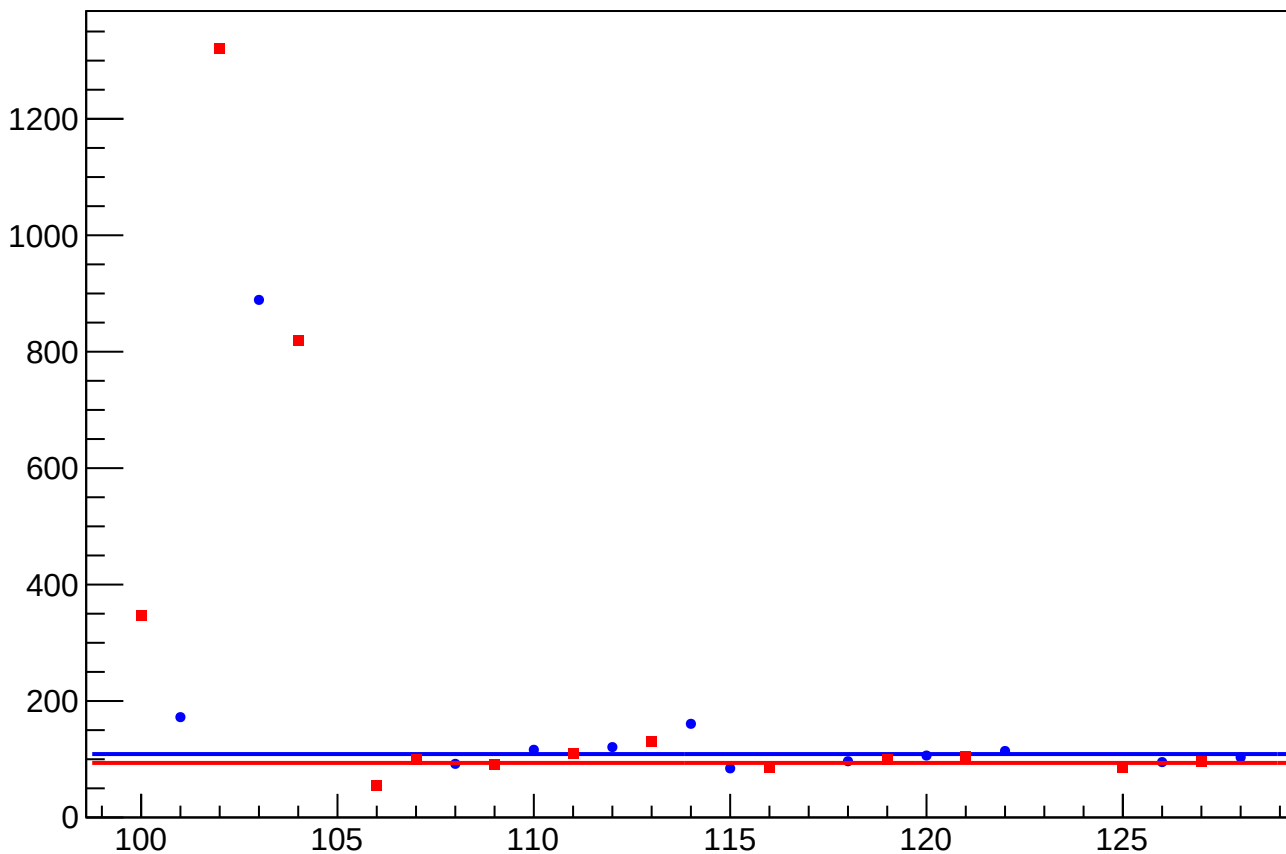
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.023 $\pm$ 0.035 χ^2 /NDF: 28.4/24

- 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: 108.886+/-0.038 χ^2/NDF : 1209782.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.669+/-0.034 χ^2/NDF : 1898926.4/12

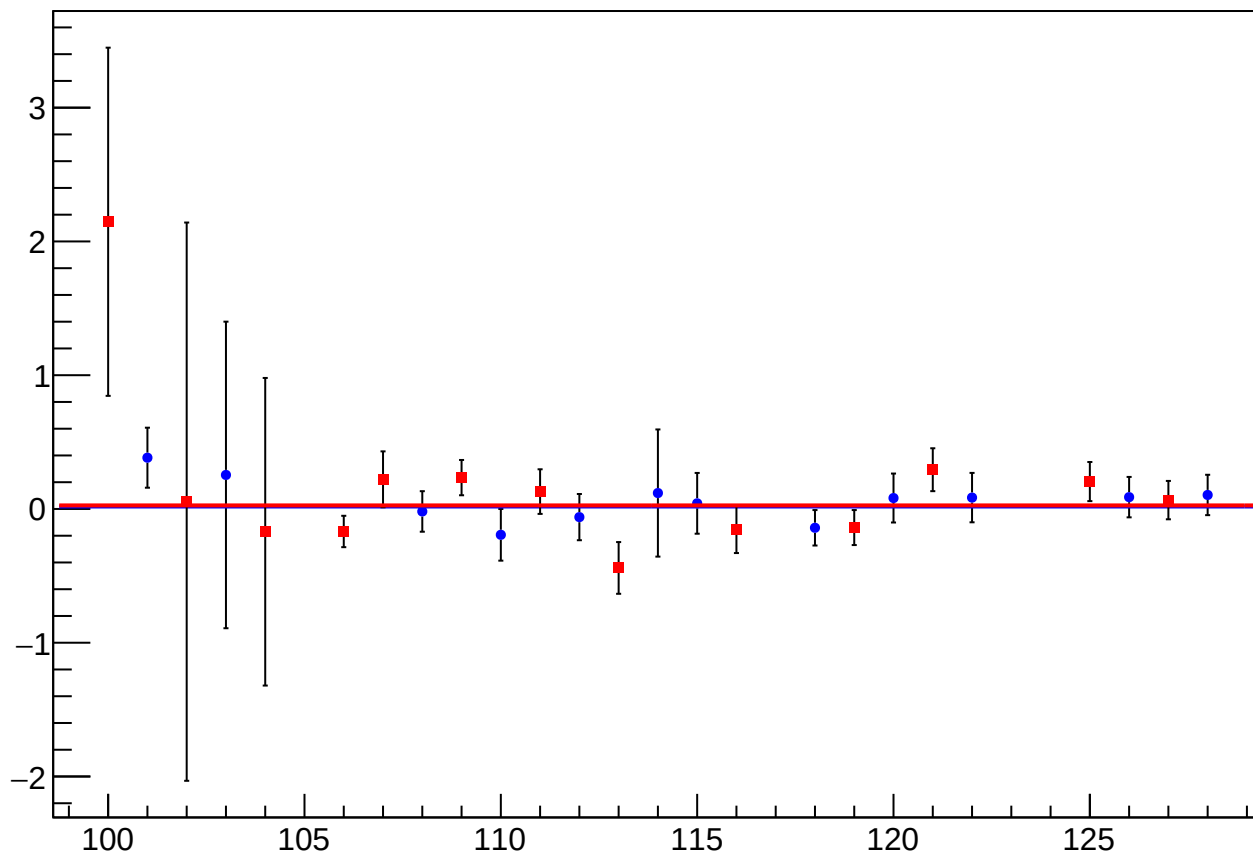
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.422+/-0.025 χ^2/NDF : 3199428.4/24

- 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: 0.018+/-0.053 χ^2/NDF : 6.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.027+/-0.048 χ^2/NDF : 21.9/12

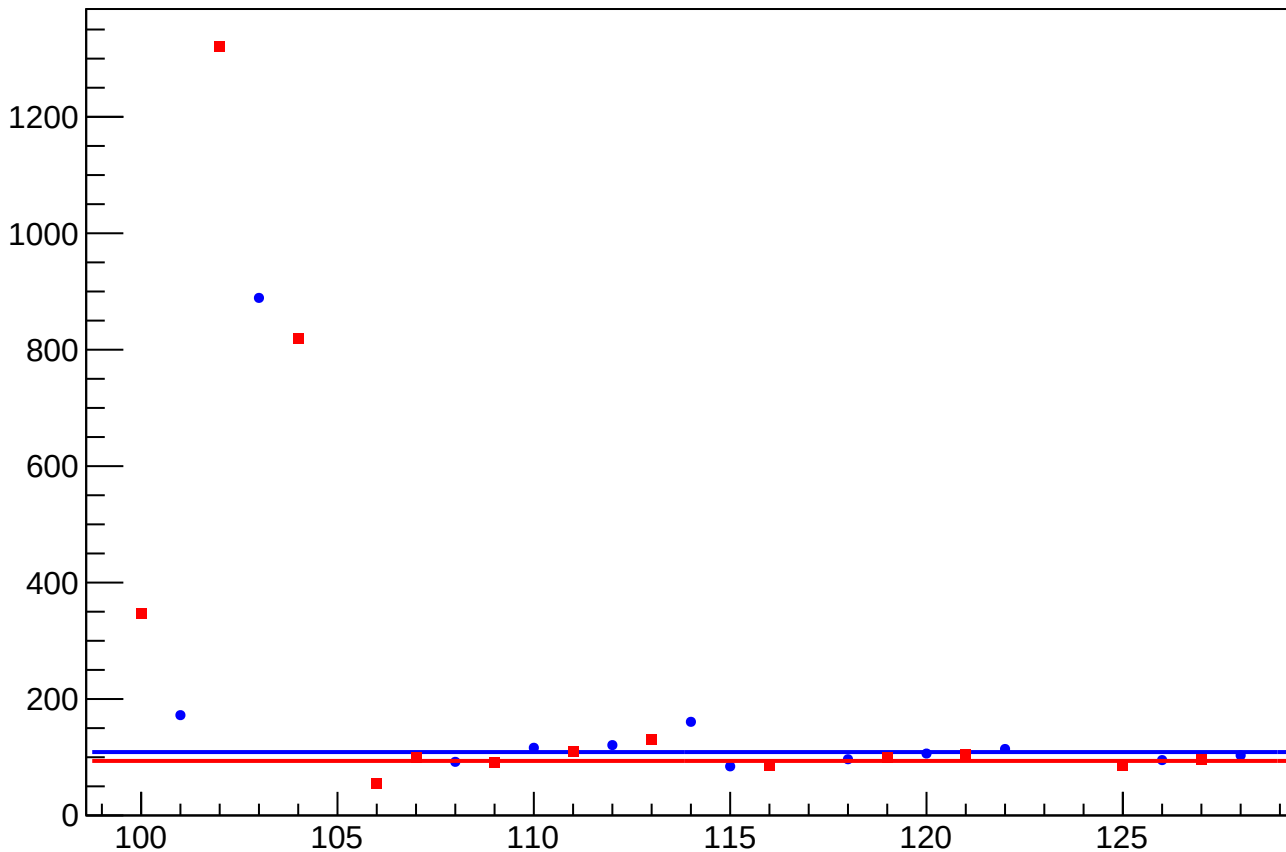
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.035 χ^2/NDF : 28.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 108.886 $\pm$ 0.038 χ^2 /NDF: 1209782.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

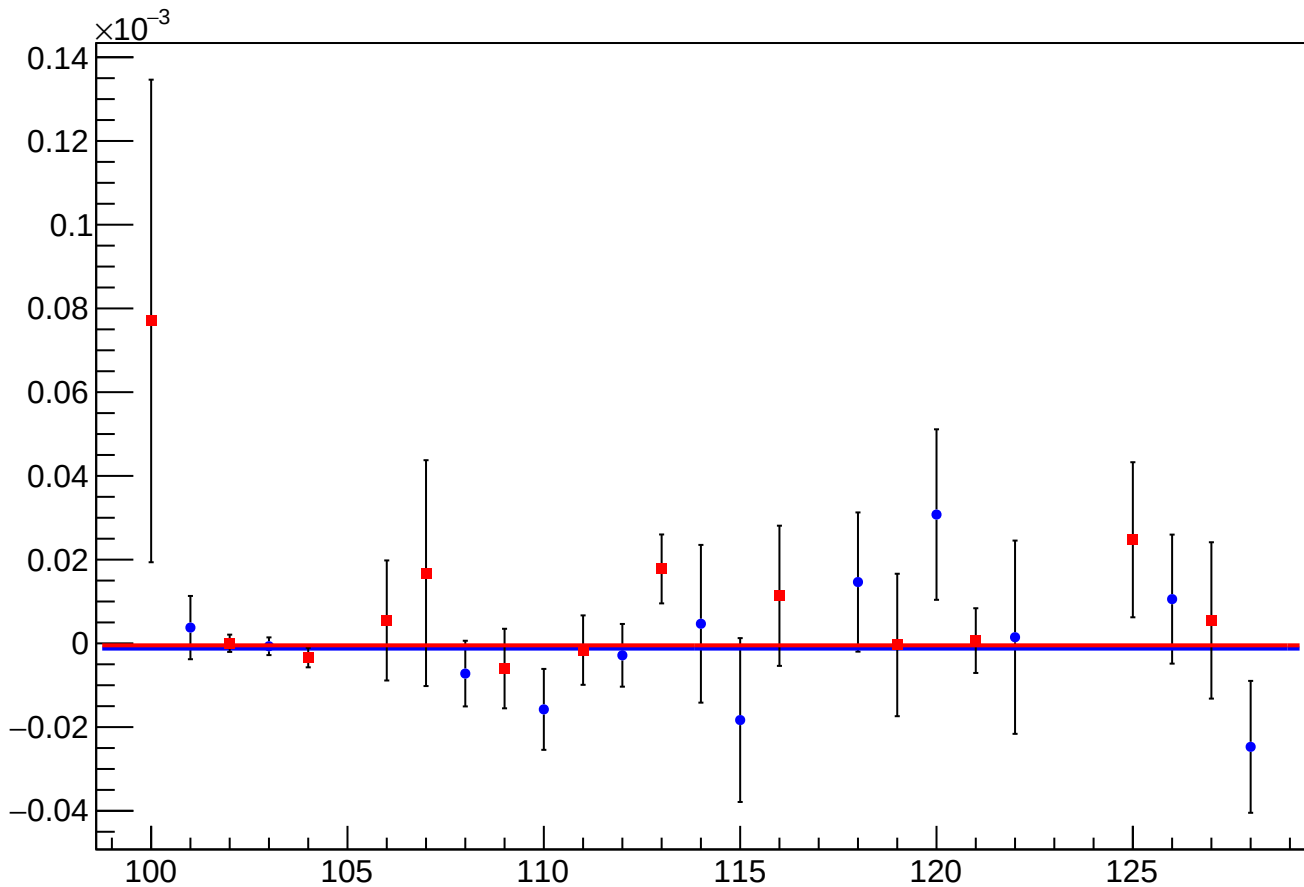
Right Out: 93.669 $\pm$ 0.034 χ^2 /NDF: 1898926.4/12

All: 100.422 $\pm$ 0.025 χ^2 /NDF: 3199428.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 10.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.8/12

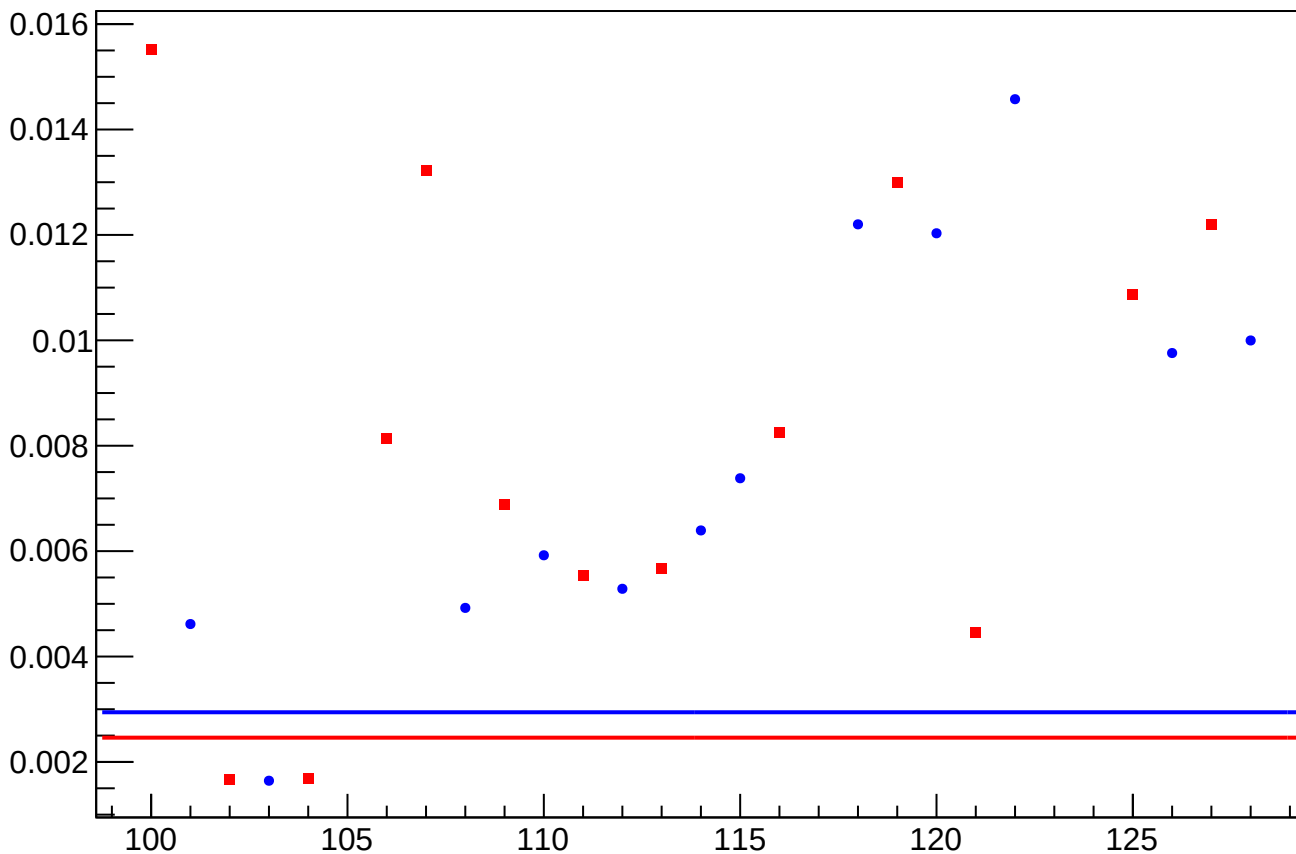
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.3/24

- 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 : 3856144.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 4364929.7/12

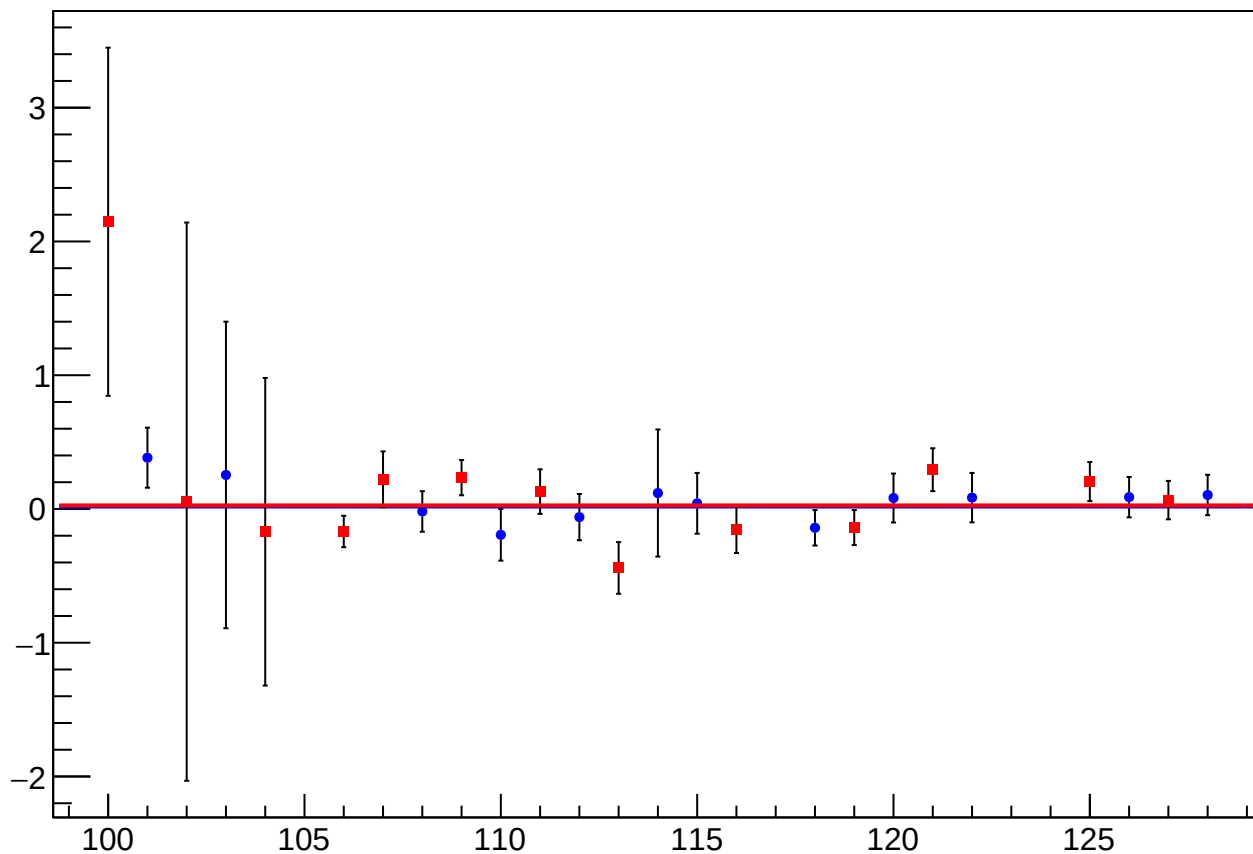
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 8309174.7/24

- 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: 0.018 $\pm$ 0.053 χ^2 /NDF: 6.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.027 $\pm$ 0.048 χ^2 /NDF: 21.9/12

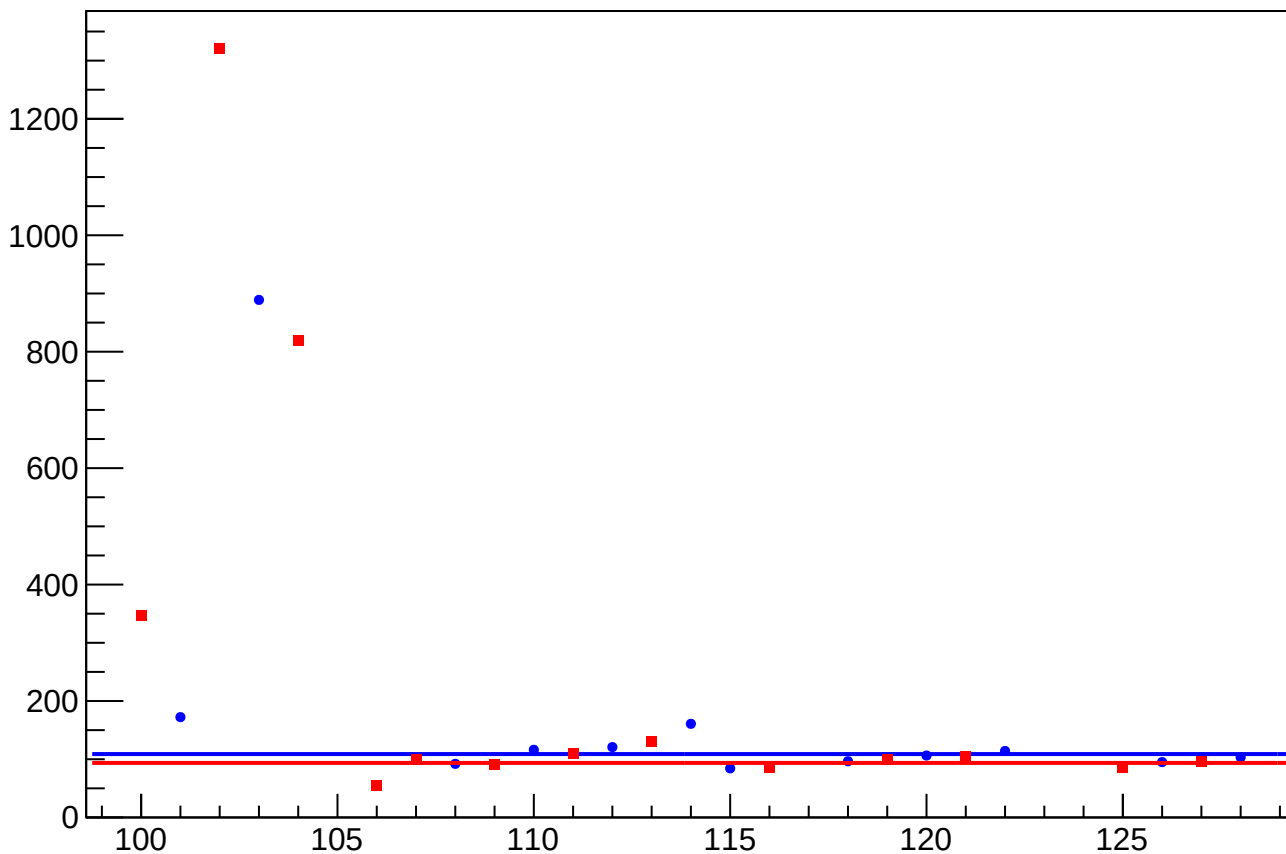
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.023 $\pm$ 0.035 χ^2 /NDF: 28.4/24

- 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: 108.886+/-0.038 χ^2/NDF : 1209774.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.668+/-0.034 χ^2/NDF : 1898992.7/12

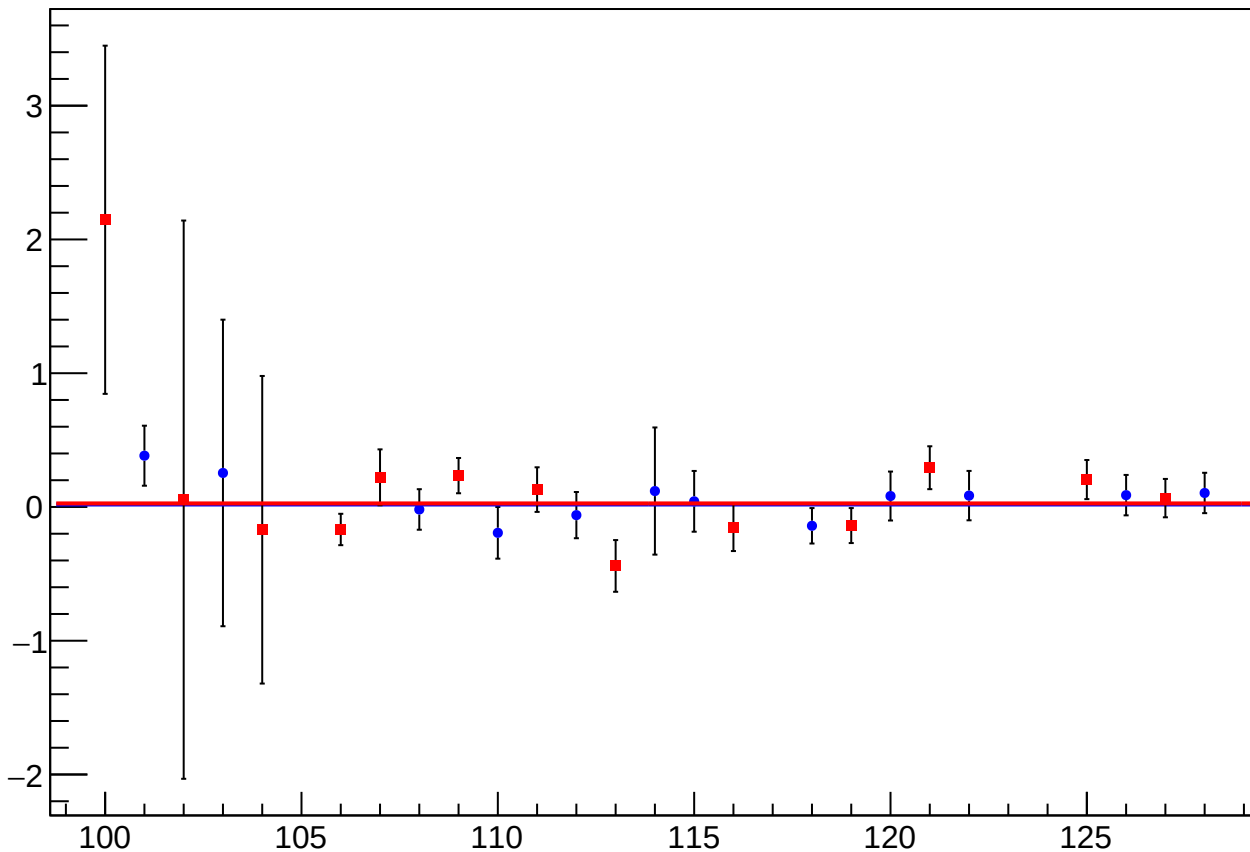
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.422+/-0.025 χ^2/NDF : 3199497.7/24

- 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: 0.018+/-0.053 χ^2/NDF : 6.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.027+/-0.048 χ^2/NDF : 21.9/12

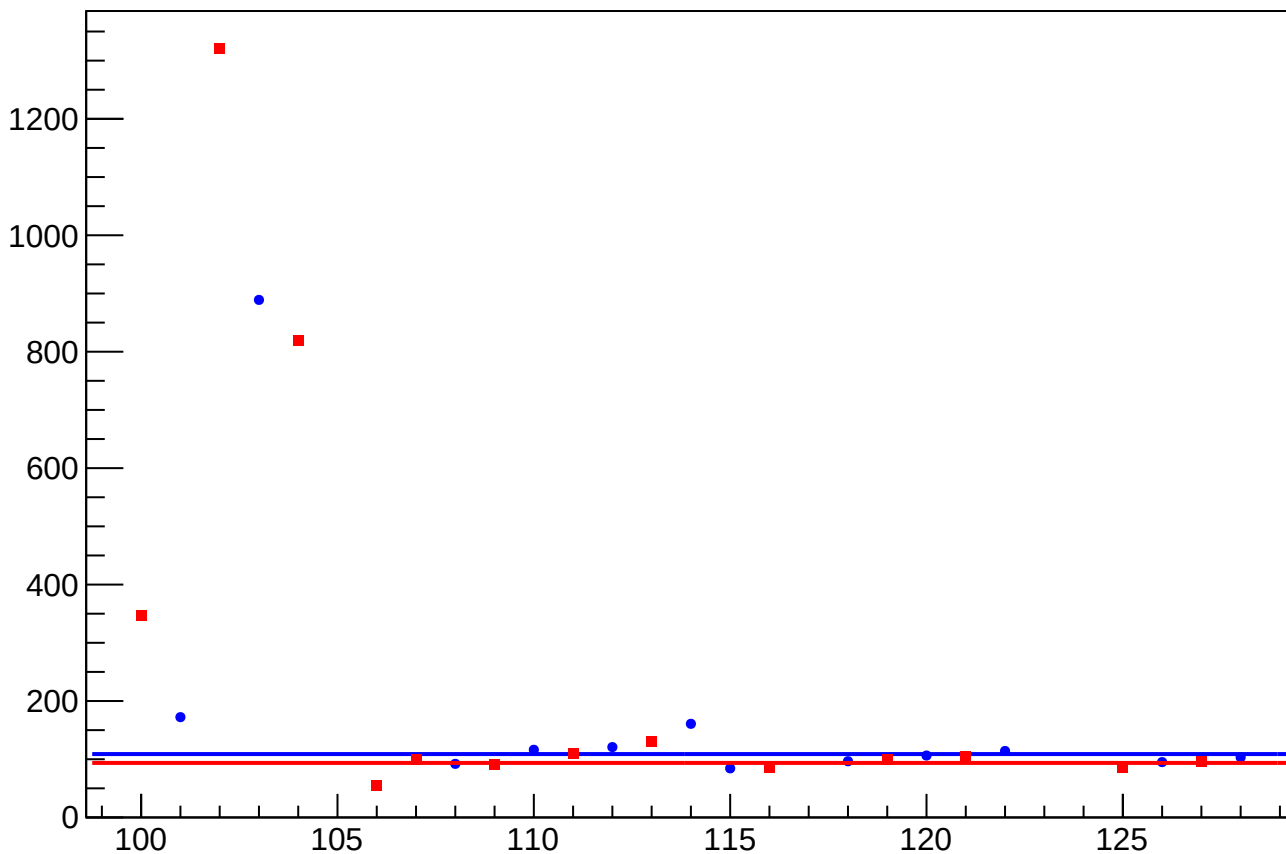
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.035 χ^2/NDF : 28.4/24

- sign 0.000+/-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: 108.886+/-0.038 χ^2/NDF : 1209774.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.668+/-0.034 χ^2/NDF : 1898992.7/12

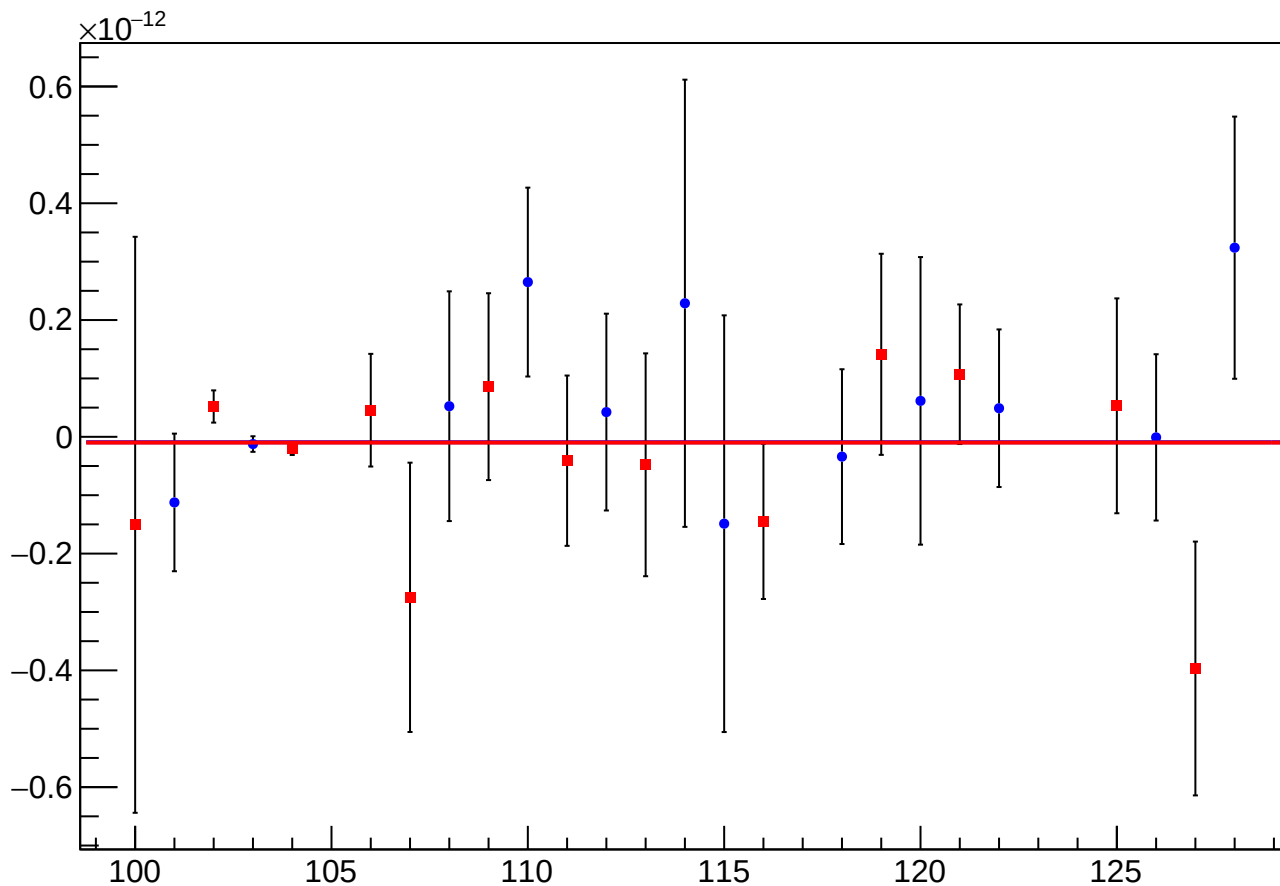
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.422+/-0.025 χ^2/NDF : 3199497.7/24

- 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 : 6.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.1/12

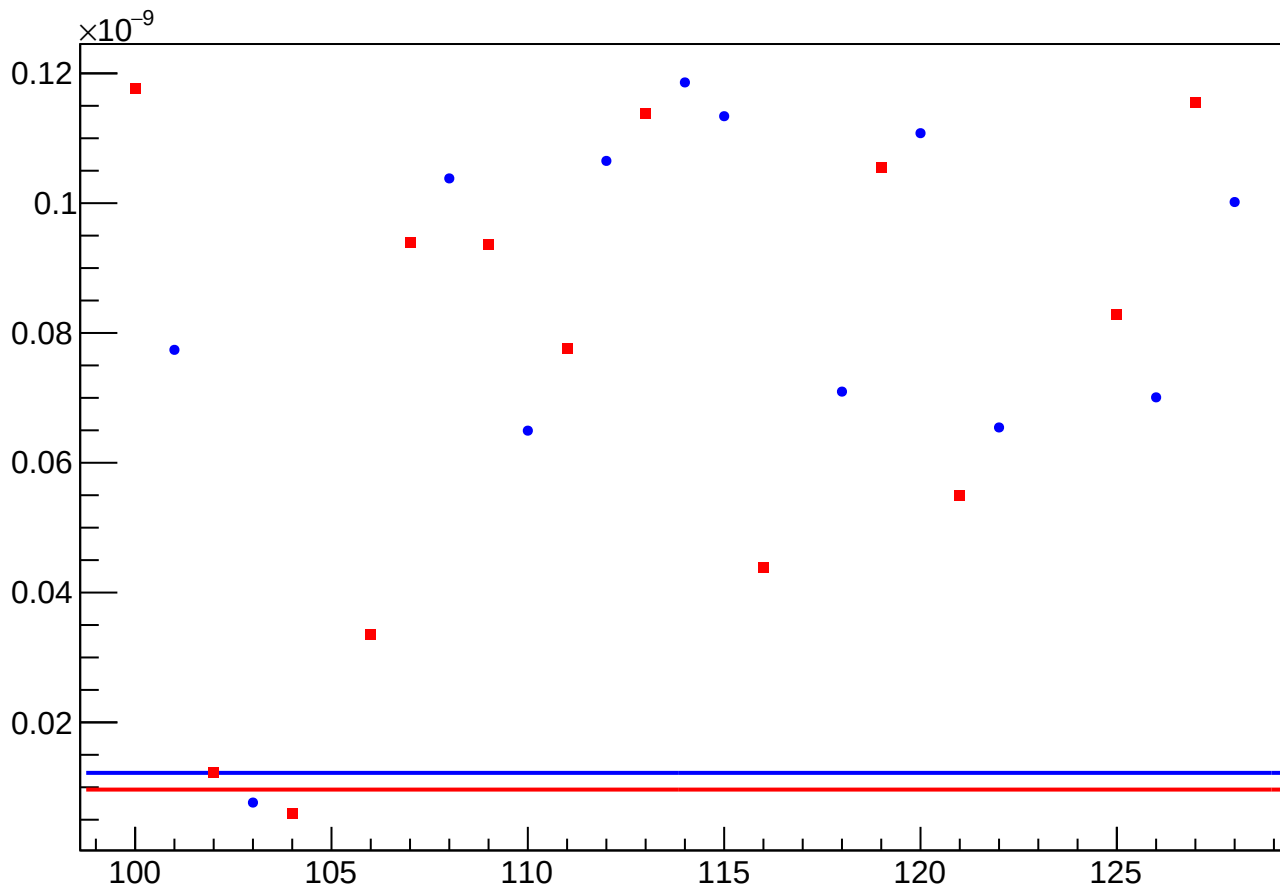
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.0/24

- 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 : 4011175.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4143242.5/12

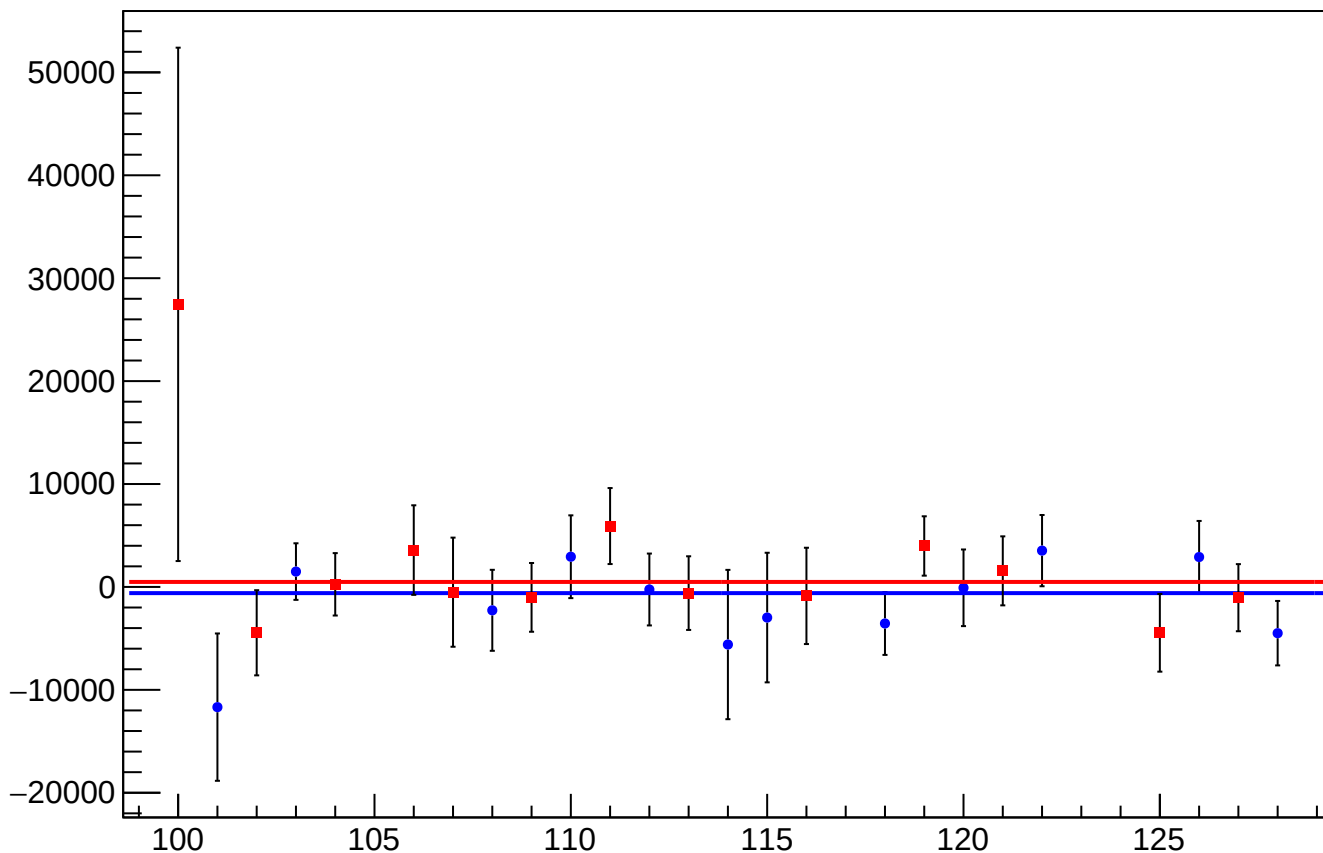
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8203873.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -601.252+/-1084.249 χ^2/NDF : 9.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 485.847+/-1044.098 χ^2/NDF : 9.2/12

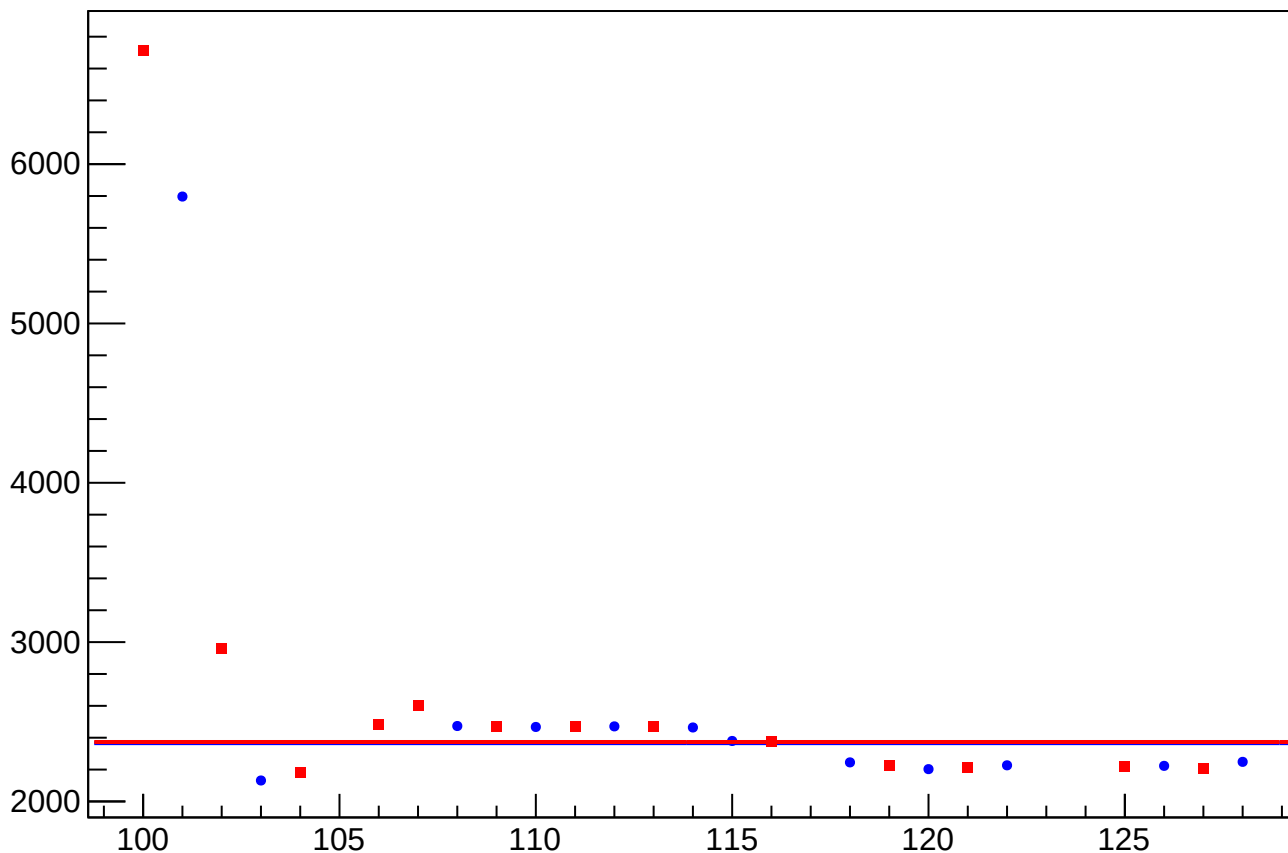
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.201+/-752.083 χ^2/NDF : 19.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2366.012 $\pm$ 0.767 χ^2 /NDF: 495264.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

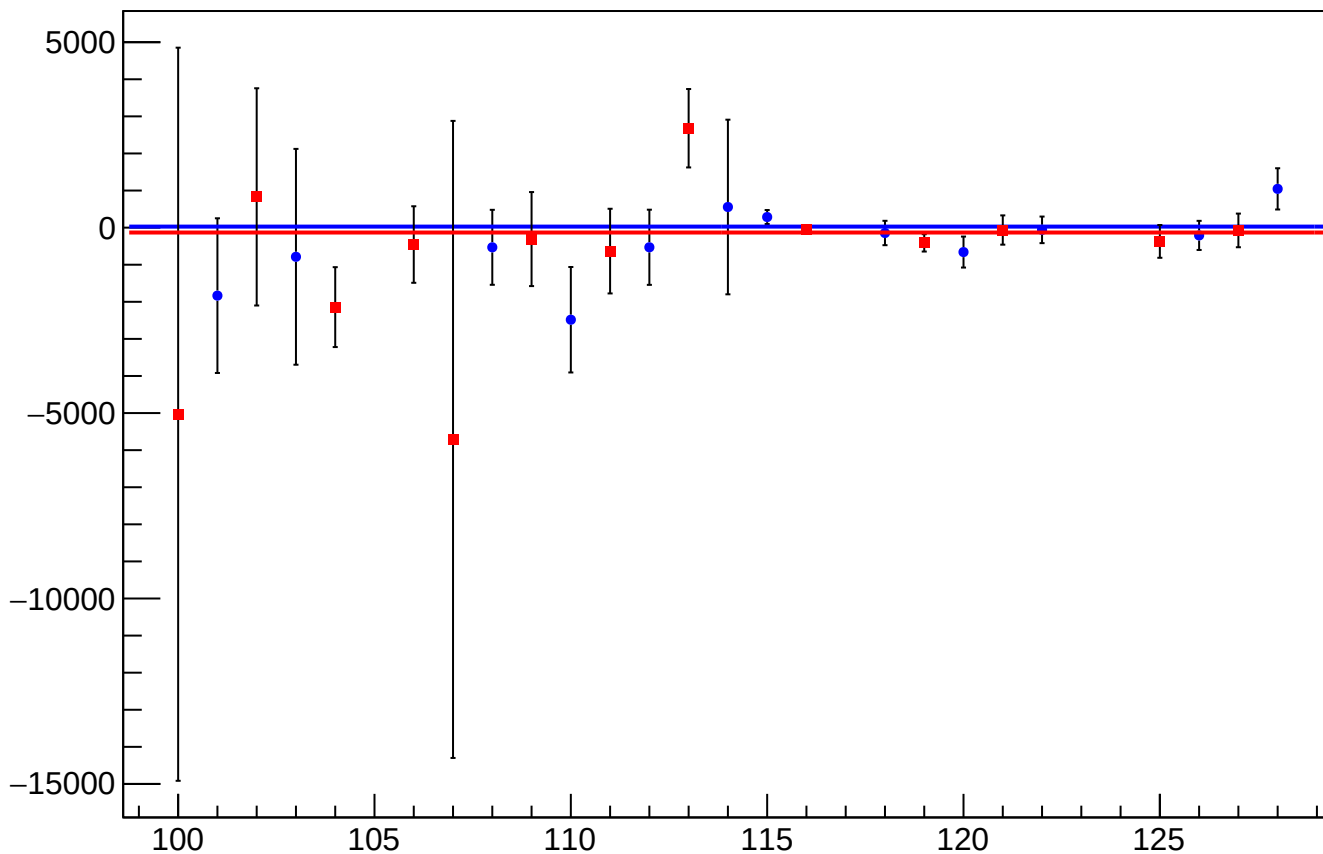
Right Out: 2373.109 $\pm$ 0.738 χ^2 /NDF: 136176.8/12

All: 2369.694 $\pm$ 0.532 χ^2 /NDF: 631485.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_reg_correction_mean vs Slug



Right In: 27.785+/-125.515 χ^2/NDF : 13.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -131.964+/-98.822 χ^2/NDF : 13.9/12

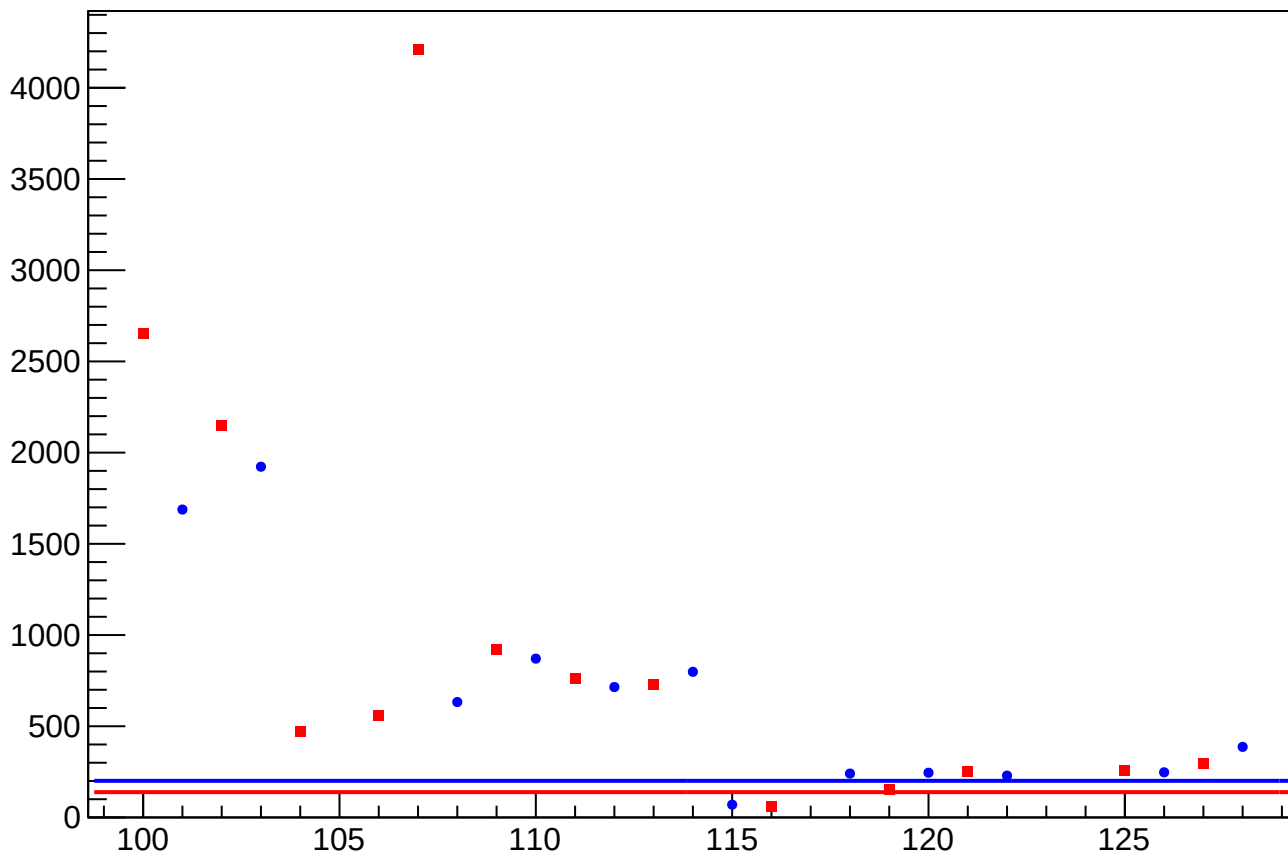
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.832+/-77.644 χ^2/NDF : 28.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_reg_correction_rms vs Slug



Right In: 200.781+/-0.089 χ^2/NDF : 4443812.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 138.704+/-0.070 χ^2/NDF : 5348004.9/12

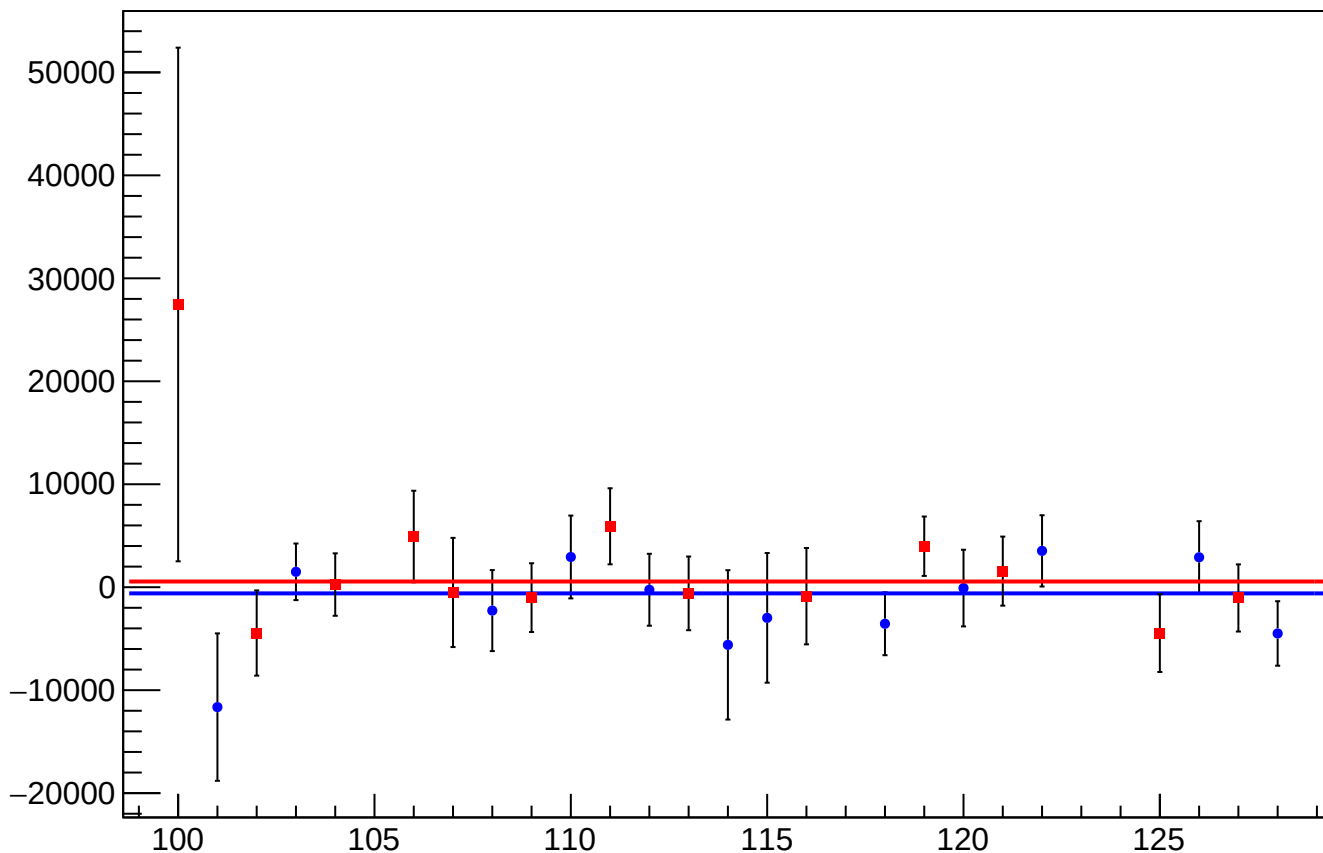
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.459+/-0.055 χ^2/NDF : 10093823.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -599.804+/-1084.249 χ^2/NDF : 9.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 553.563+/-1045.348 χ^2/NDF : 9.7/12

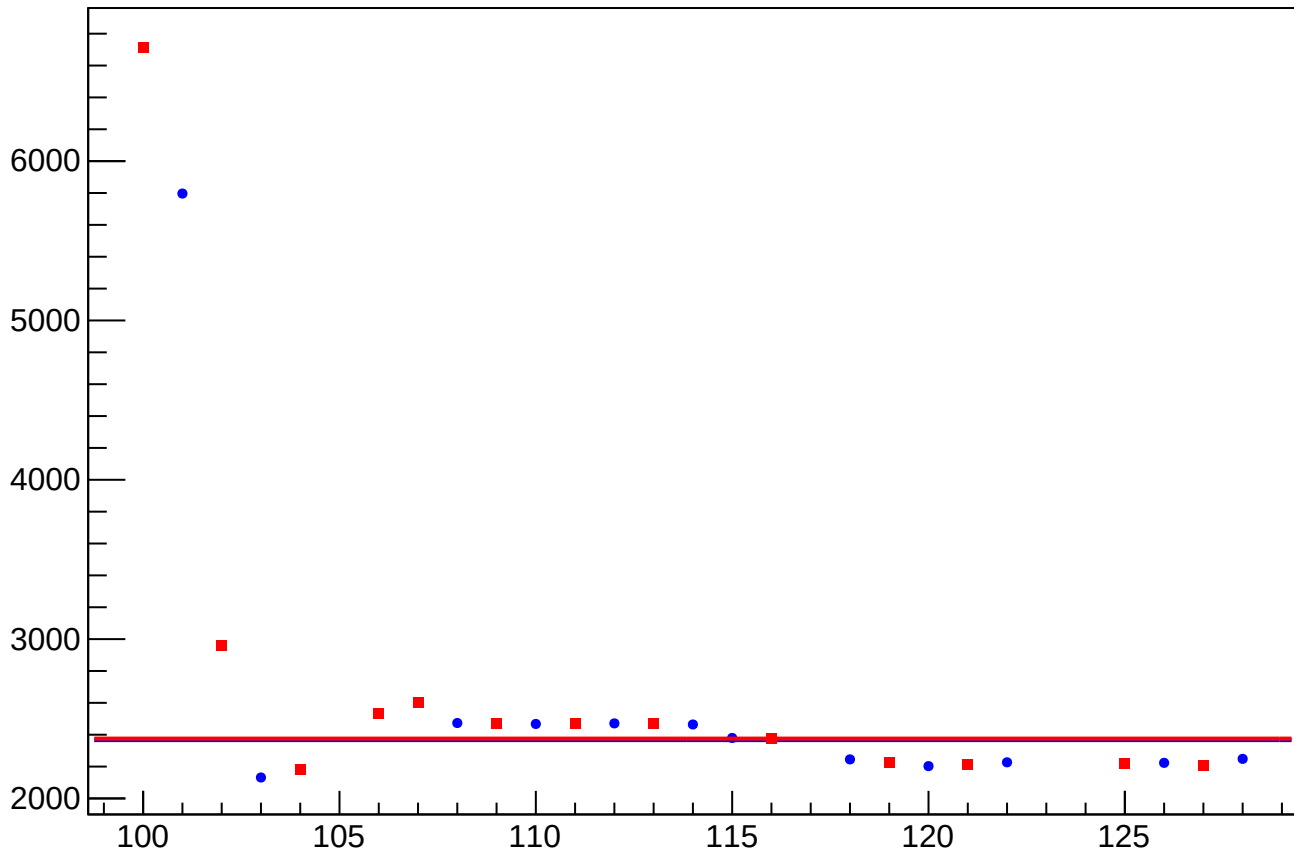
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.059+/-752.549 χ^2/NDF : 19.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2366.012 $\pm$ 0.767 χ^2 /NDF: 495264.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2375.650 $\pm$ 0.739 χ^2 /NDF: 137508.8/12

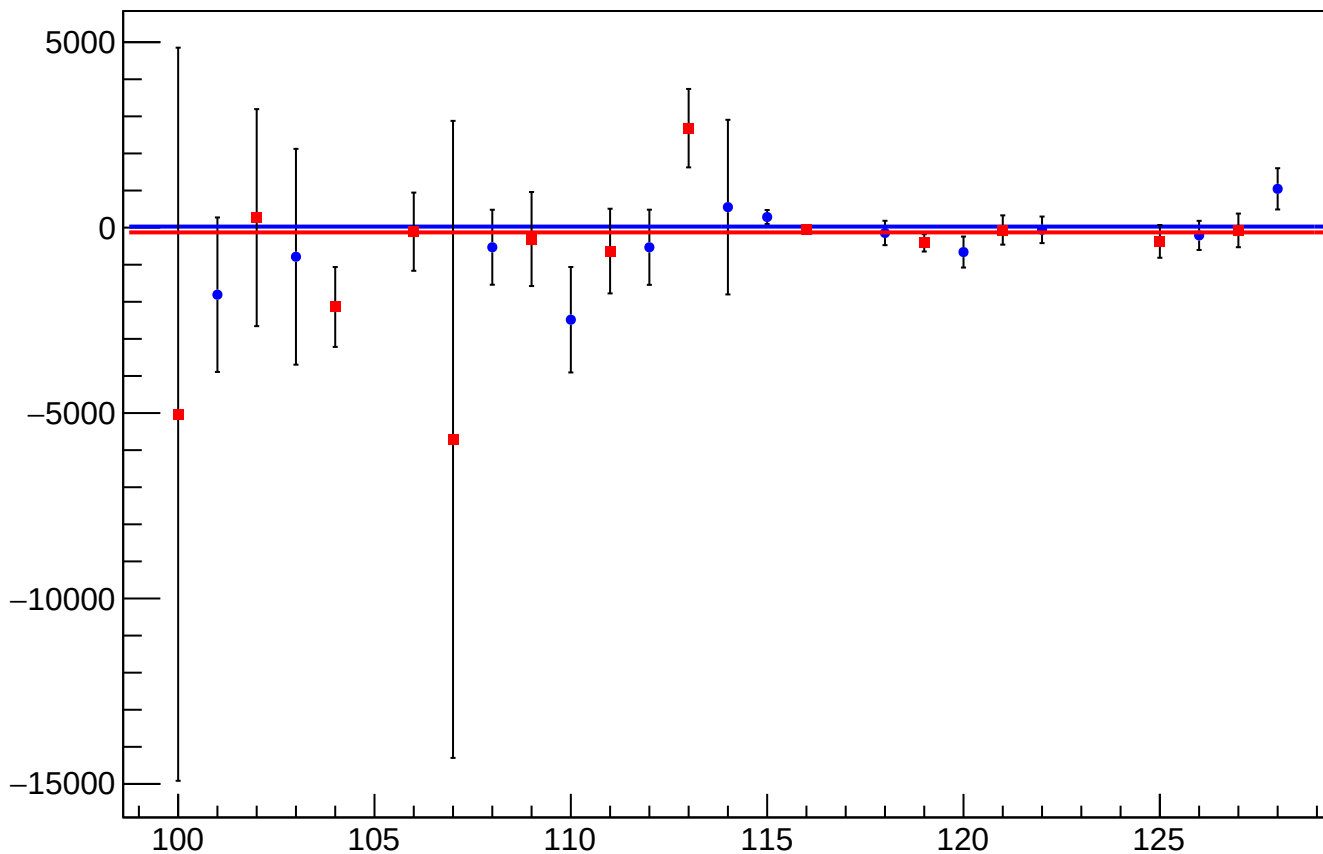
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2371.007 $\pm$ 0.532 χ^2 /NDF: 632855.0/24

- 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: 27.904+/-125.537 χ^2/NDF : 13.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -128.700+/-98.711 χ^2/NDF : 13.7/12

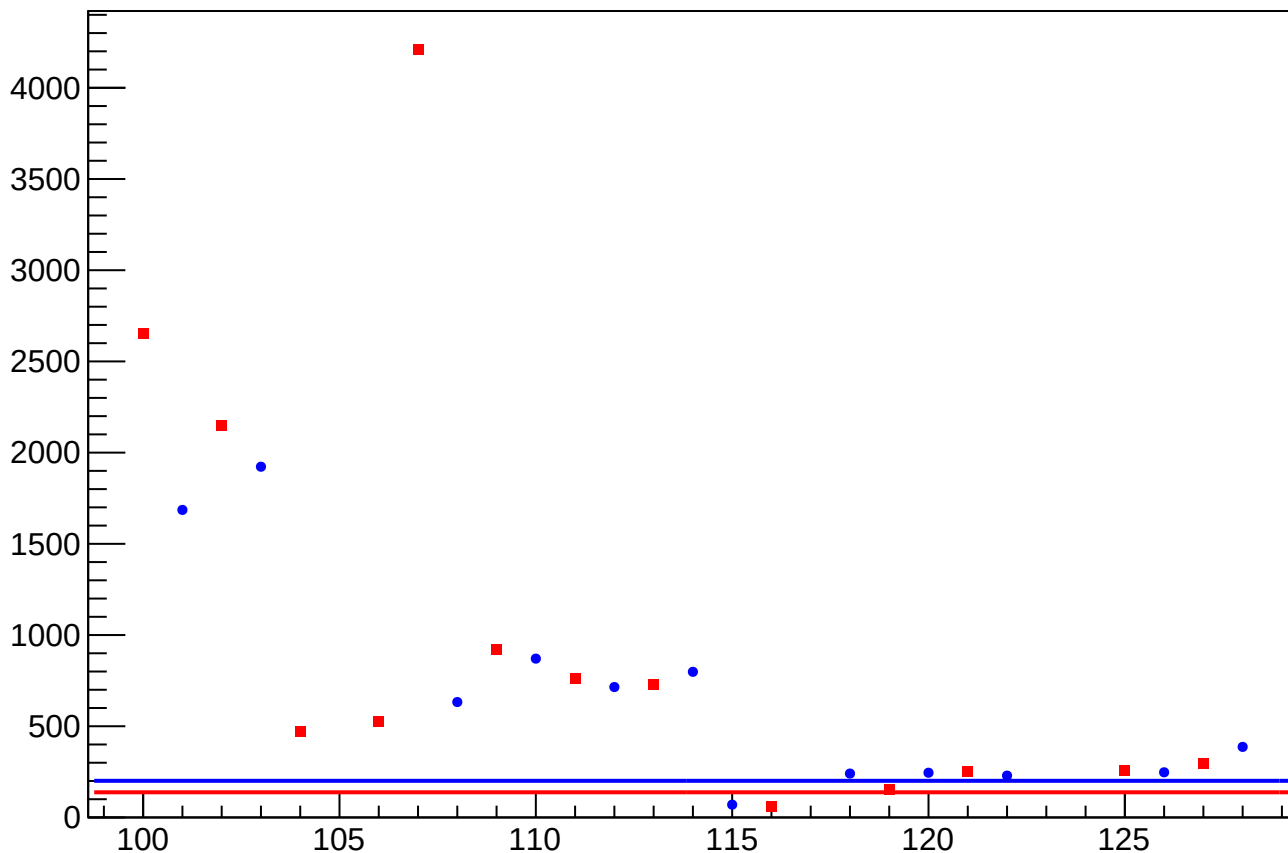
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.867+/-77.596 χ^2/NDF : 27.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_cor_correction_rms vs Slug



Right In: 200.846+/-0.089 χ^2/NDF : 4442320.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

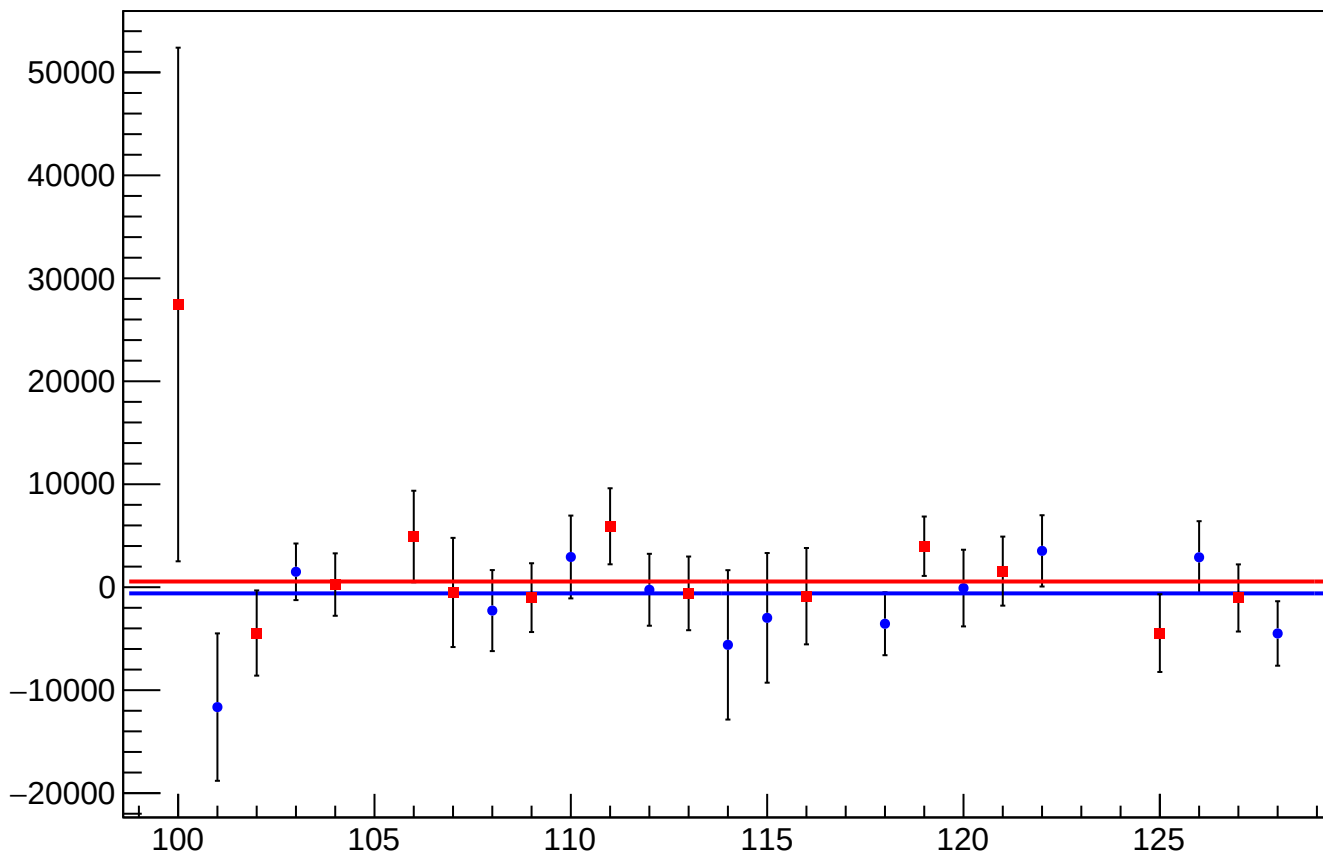
Right Out: 137.934+/-0.070 χ^2/NDF : 5297237.0/12

All: 161.971+/-0.055 χ^2/NDF : 10049940.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -599.804+/-1084.249 χ^2/NDF : 9.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 553.563+/-1045.348 χ^2/NDF : 9.7/12

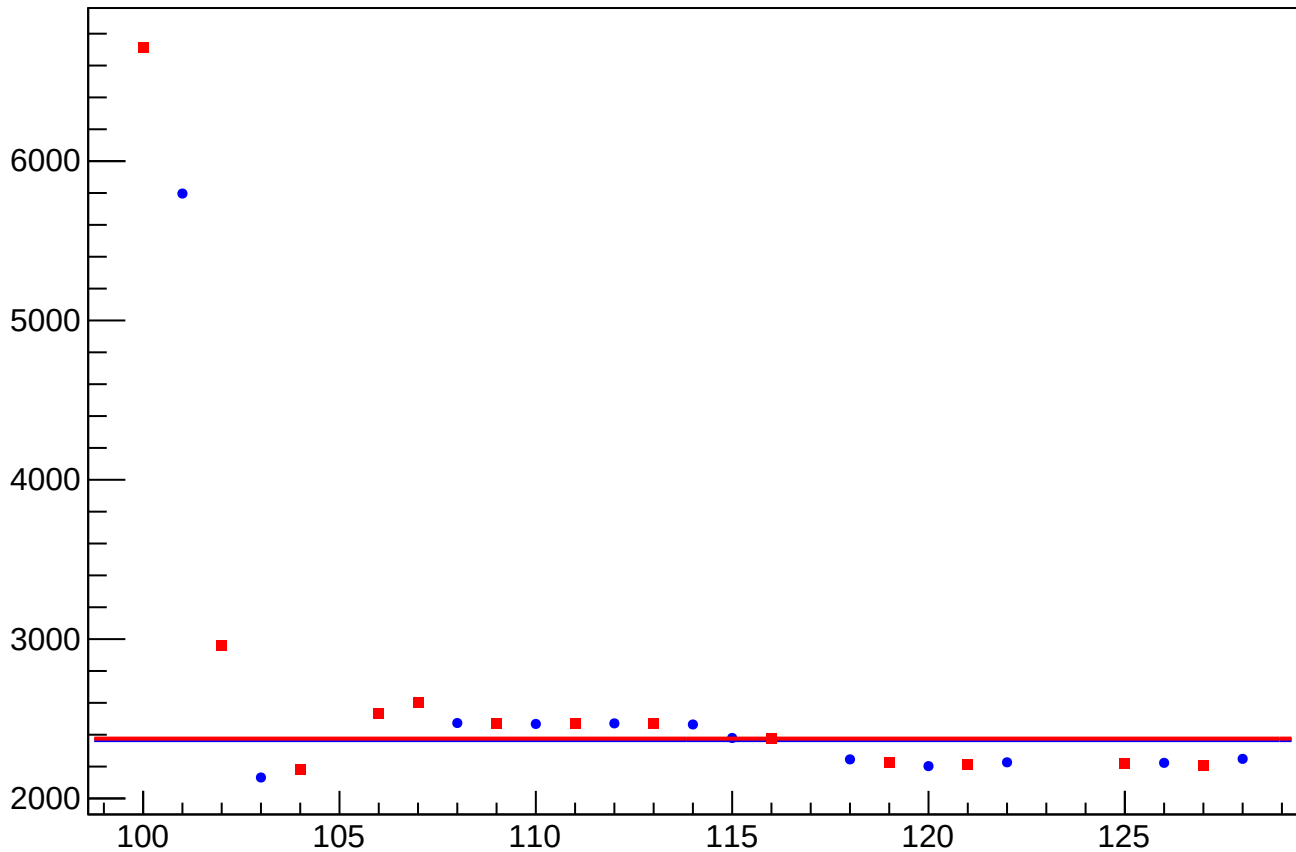
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.059+/-752.549 χ^2/NDF : 19.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2366.012 $\pm$ 0.767 χ^2 /NDF: 495264.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

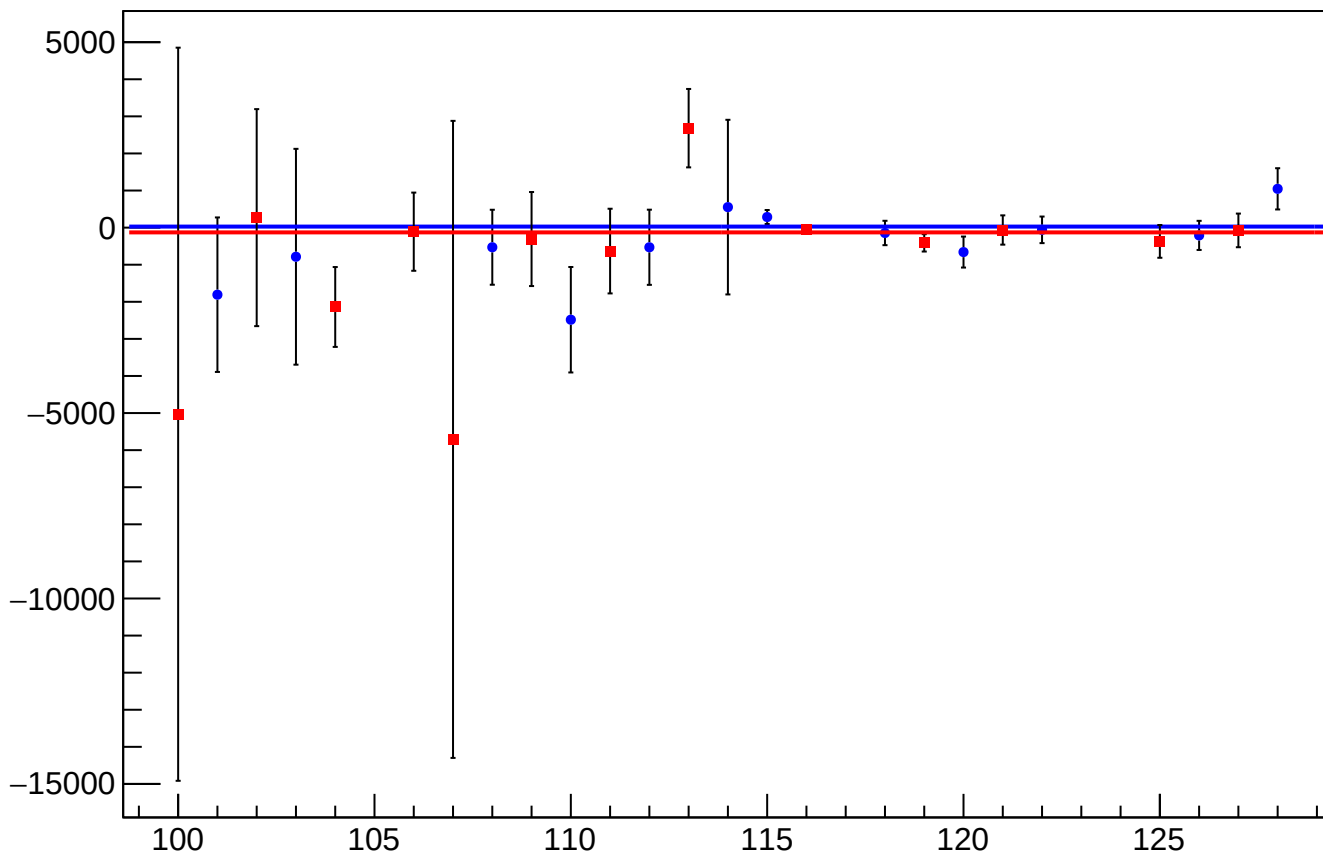
Right Out: 2375.650 $\pm$ 0.739 χ^2 /NDF: 137508.8/12

All: 2371.007 $\pm$ 0.532 χ^2 /NDF: 632855.0/24

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_mean vs Slug



Right In: 27.904+/-125.537 χ^2/NDF : 13.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -128.700+/-98.711 χ^2/NDF : 13.7/12

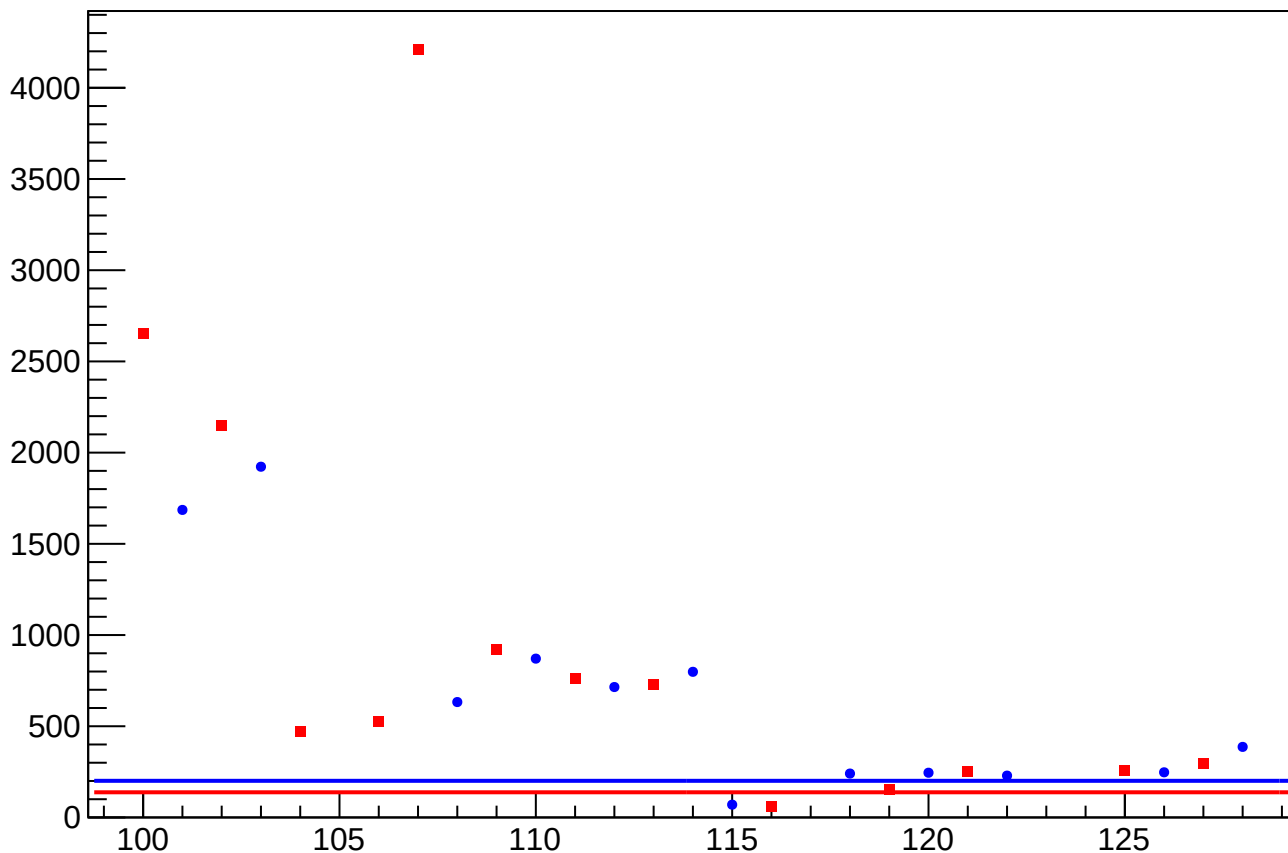
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.867+/-77.596 χ^2/NDF : 27.9/24

- 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: 200.846+/-0.089 χ^2/NDF : 4442320.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

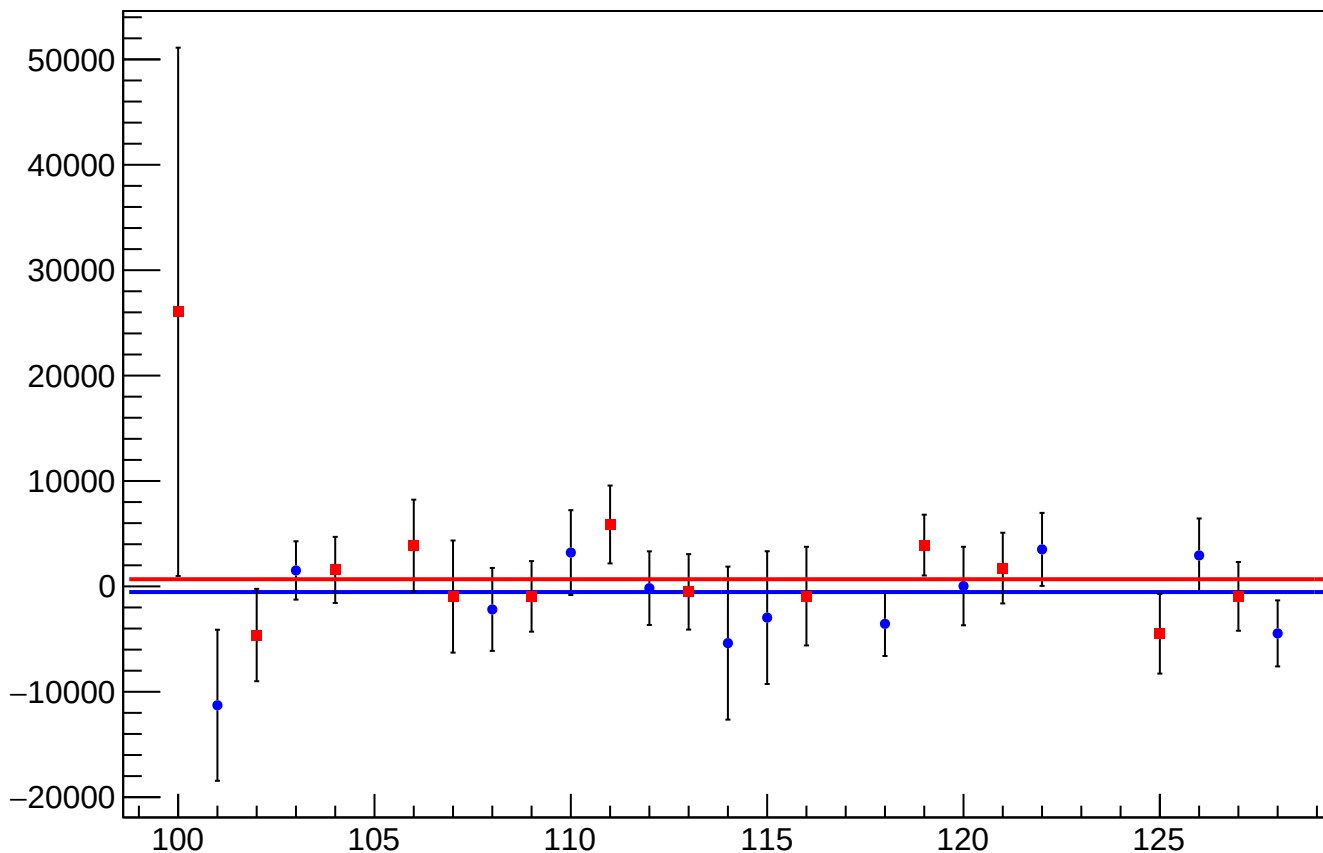
Right Out: 137.934+/-0.070 χ^2/NDF : 5297237.0/12

All: 161.971+/-0.055 χ^2/NDF : 10049940.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -538.203+/-1085.719 χ^2/NDF : 9.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 678.769+/-1052.542 χ^2/NDF : 9.1/12

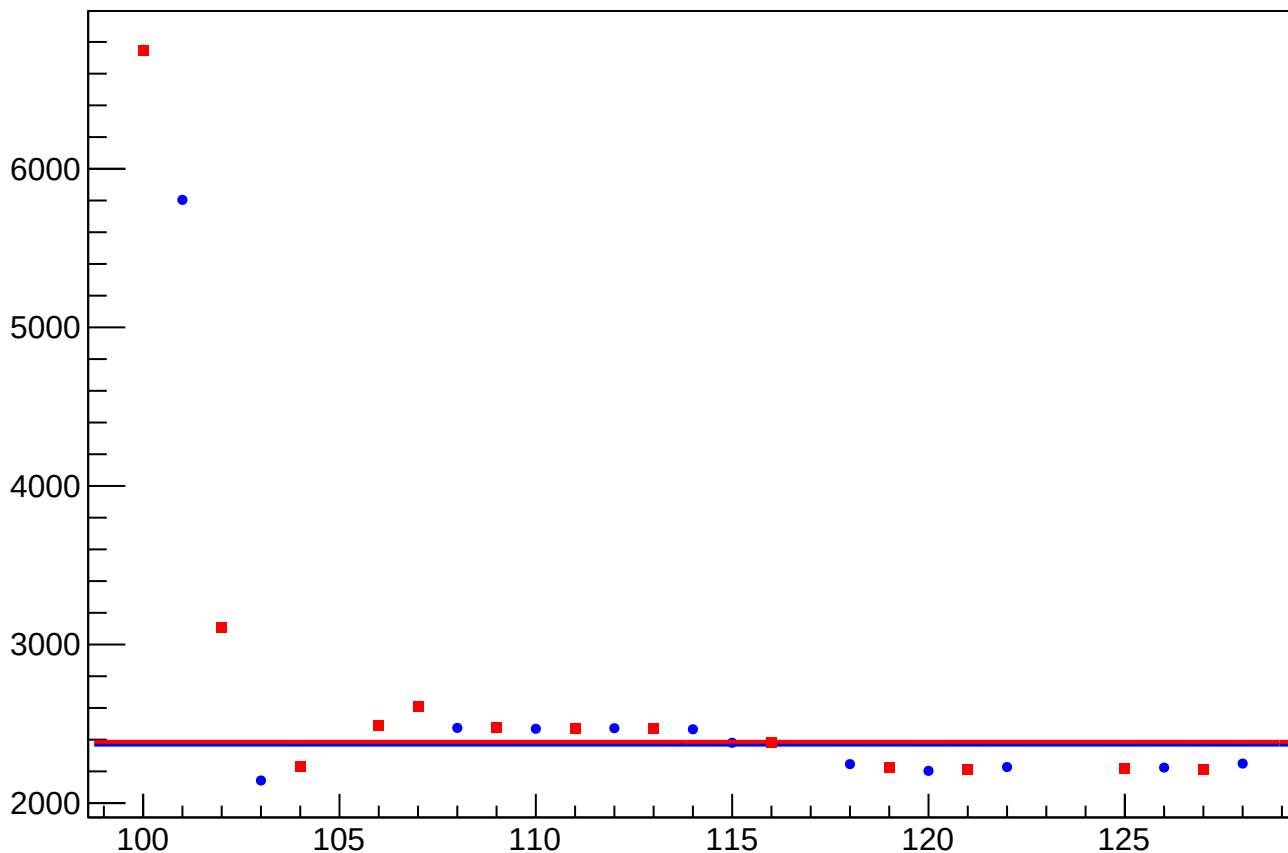
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.160+/-755.716 χ^2/NDF : 19.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2368.894+/-0.768 χ^2/NDF : 494466.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2386.370+/-0.744 χ^2/NDF : 149421.8/12

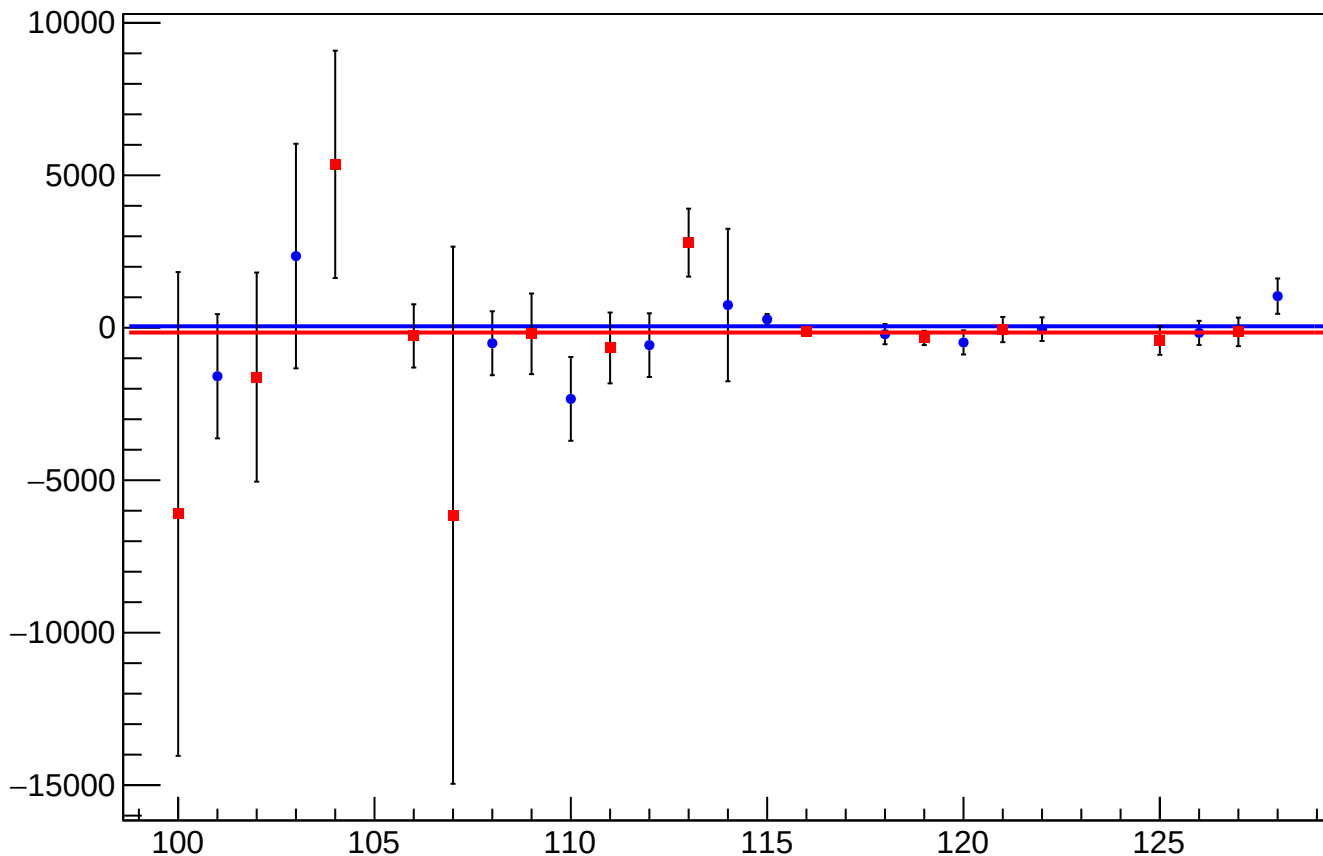
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2377.903+/-0.534 χ^2/NDF : 644155.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_dit_correction_mean vs Slug



Right In: 48.245+/-122.563 χ^2/NDF : 12.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -155.579+/-102.714 χ^2/NDF : 11.6/12

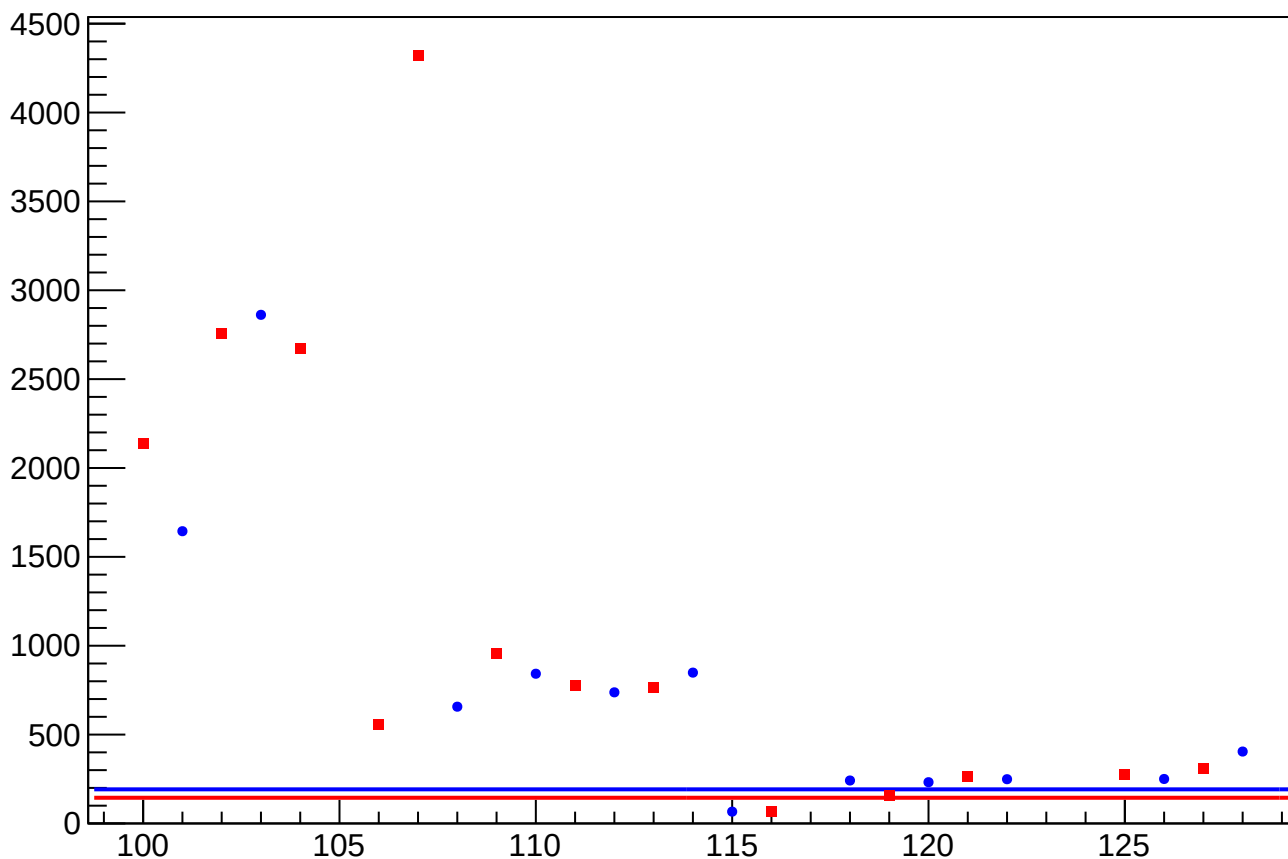
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.488+/-78.724 χ^2/NDF : 25.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_dit_correction_rms vs Slug



Right In: 191.965+/-0.087 χ^2/NDF : 5024668.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.581+/-0.073 χ^2/NDF : 6227592.5/12

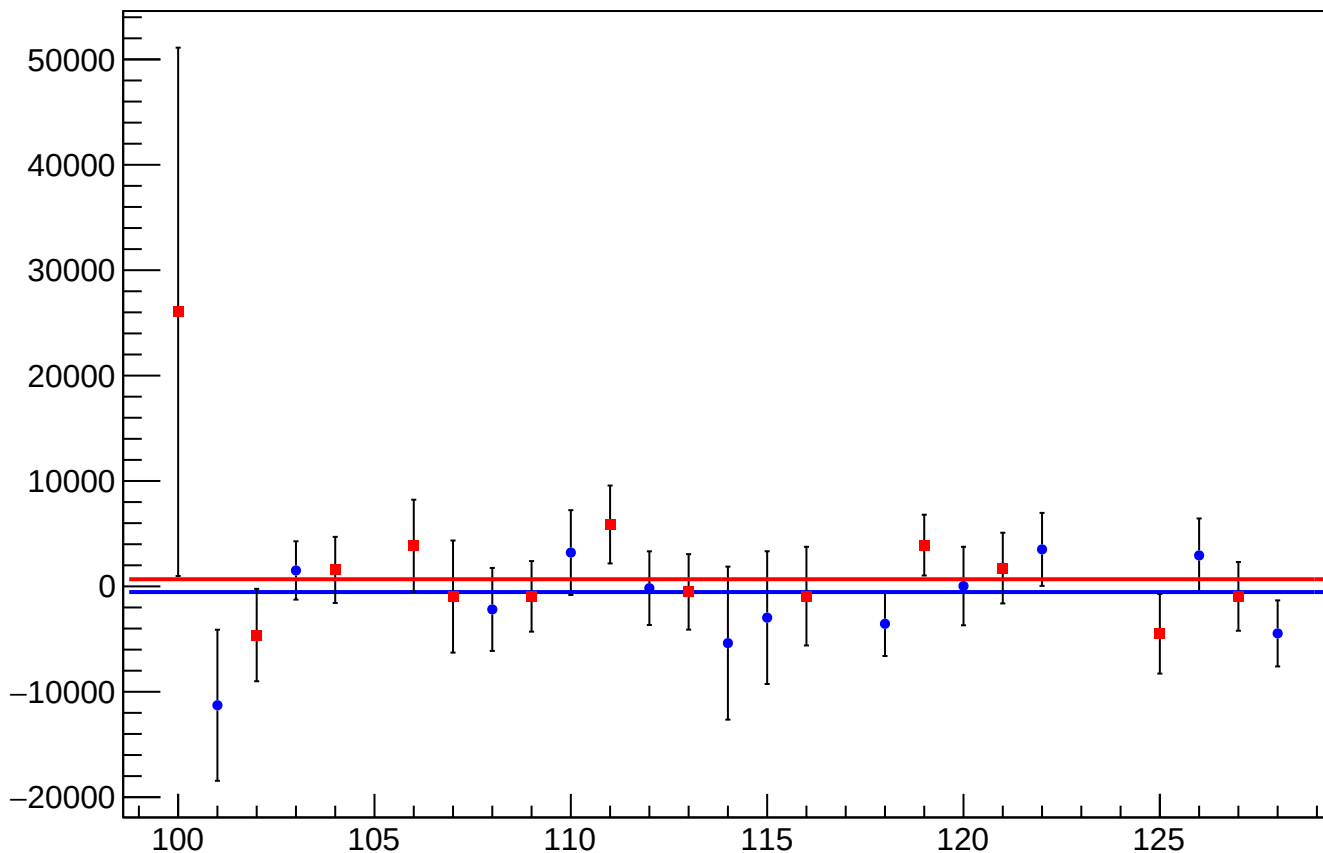
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.130+/-0.056 χ^2/NDF : 11427858.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -538.206+/-1085.719 χ^2/NDF : 9.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 678.771+/-1052.542 χ^2/NDF : 9.1/12

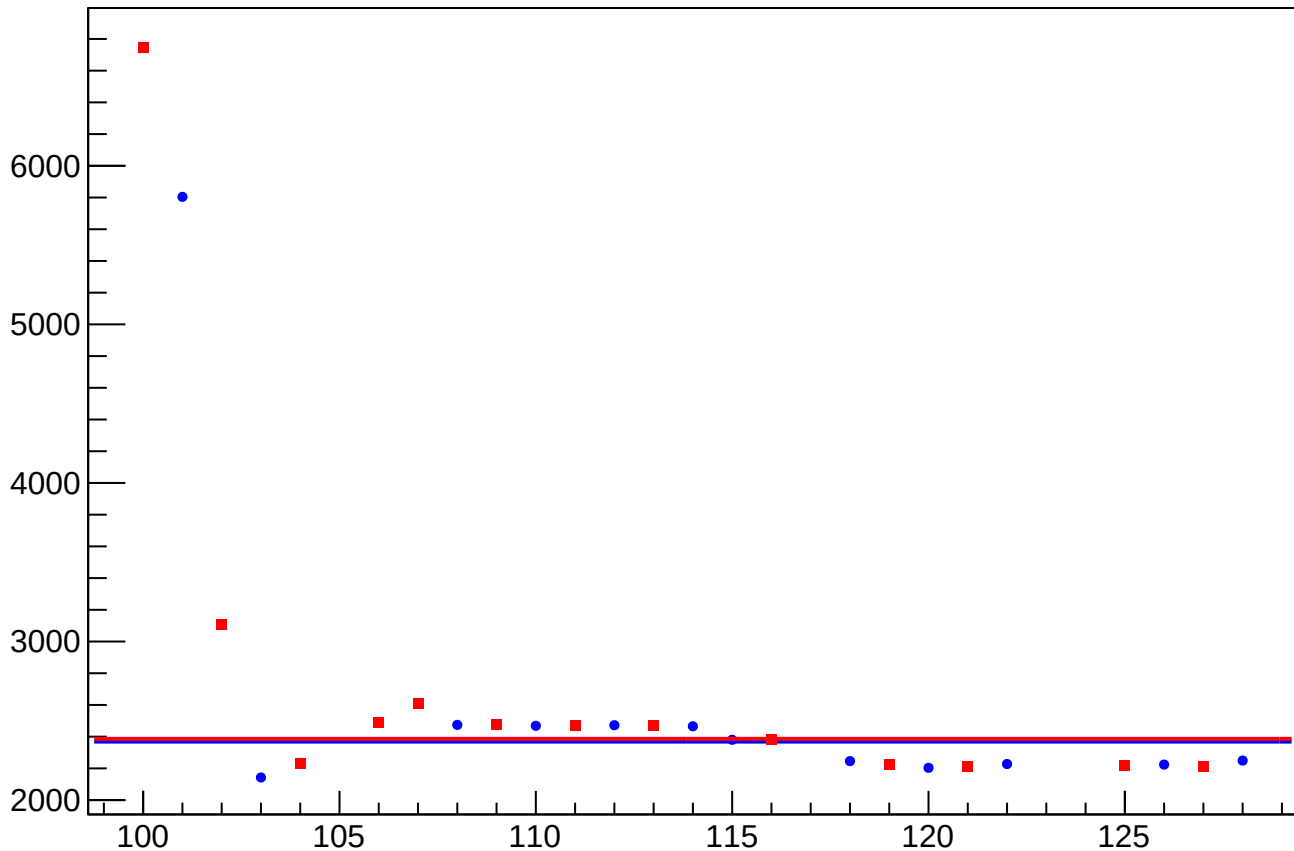
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.160+/-755.716 χ^2/NDF : 19.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2368.894+/-0.768 χ^2/NDF : 494466.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2386.369+/-0.744 χ^2/NDF : 149421.8/12

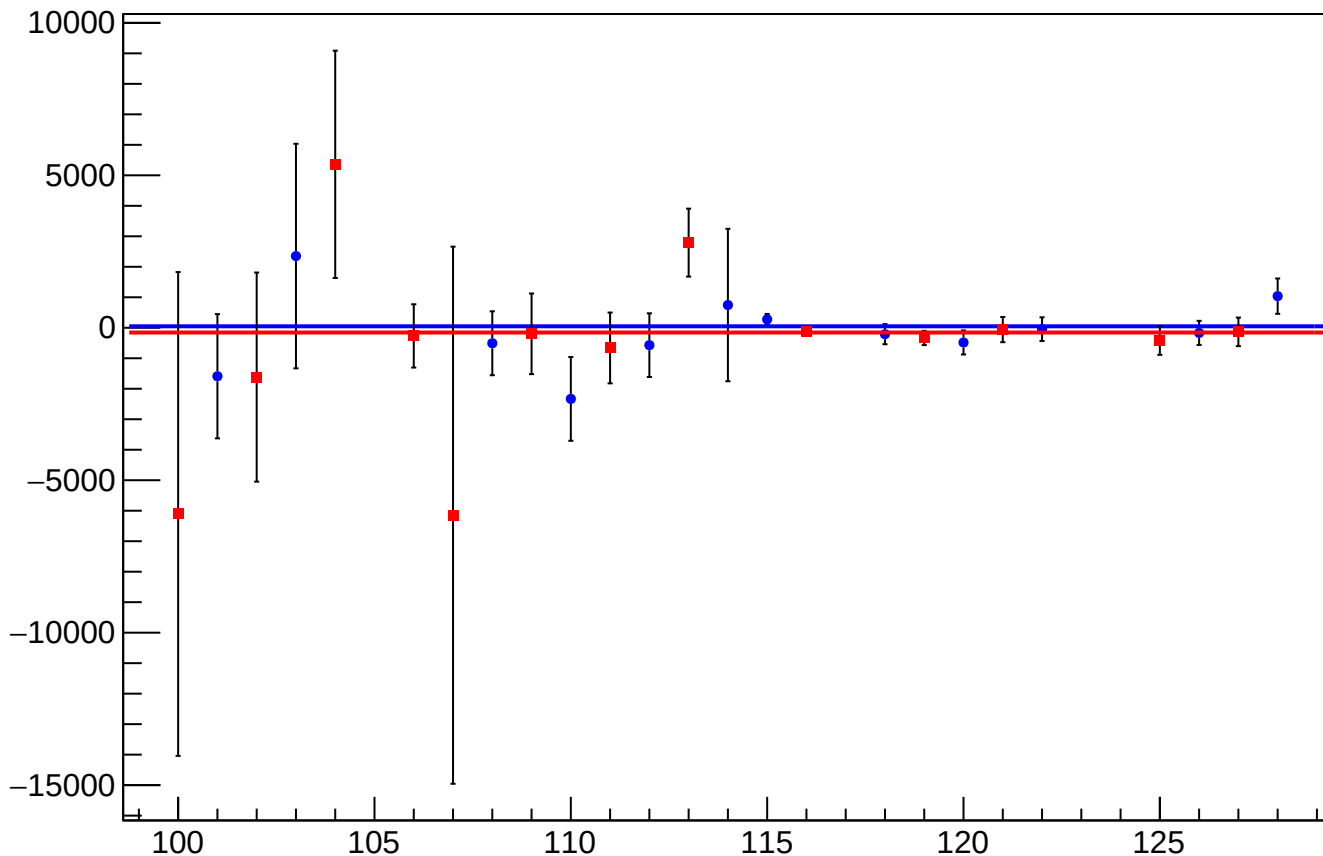
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2377.903+/-0.534 χ^2/NDF : 644155.1/24

- 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: 48.245+/-122.561 χ^2/NDF : 12.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -155.578+/-102.713 χ^2/NDF : 11.6/12

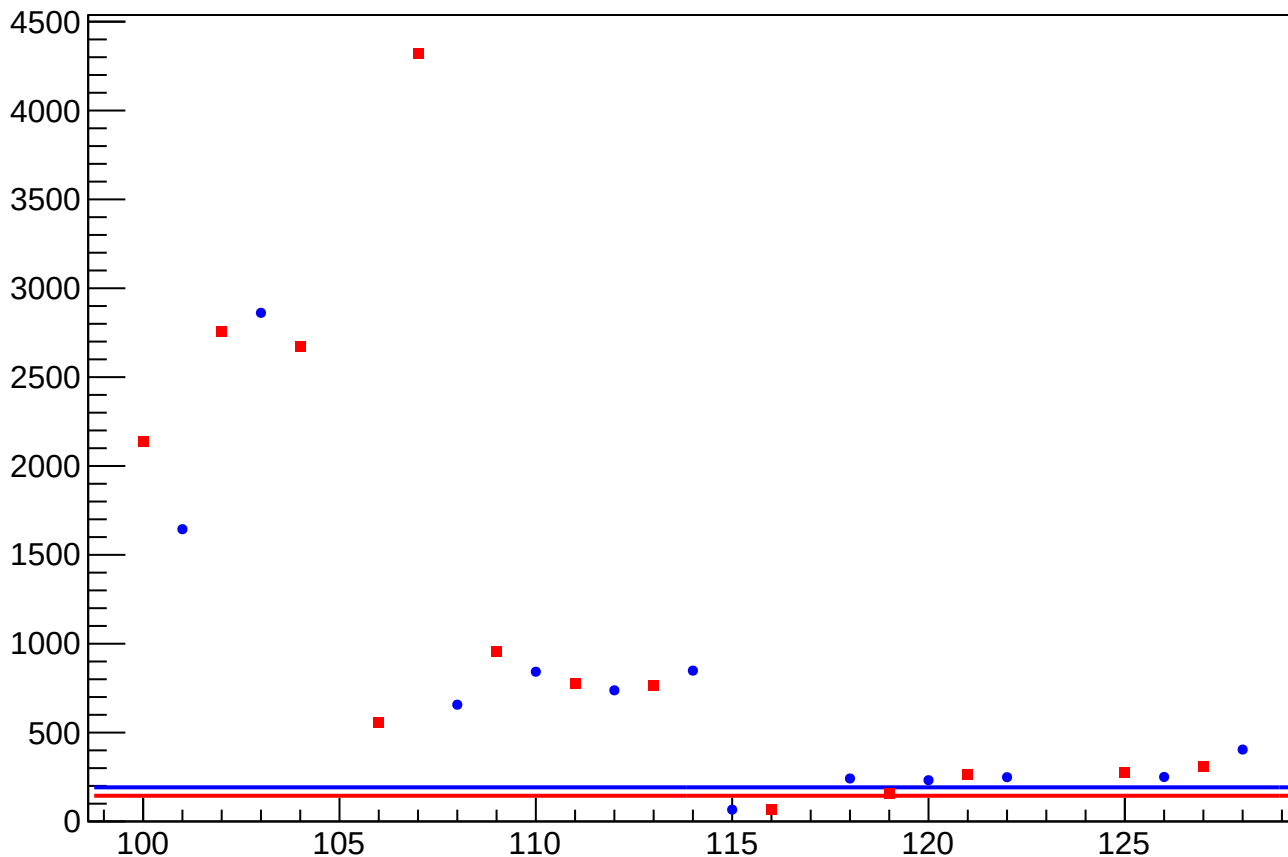
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.487+/-78.723 χ^2/NDF : 25.3/24

- 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: 191.961+/-0.087 χ^2/NDF : 5024724.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.578+/-0.073 χ^2/NDF : 6227642.5/12

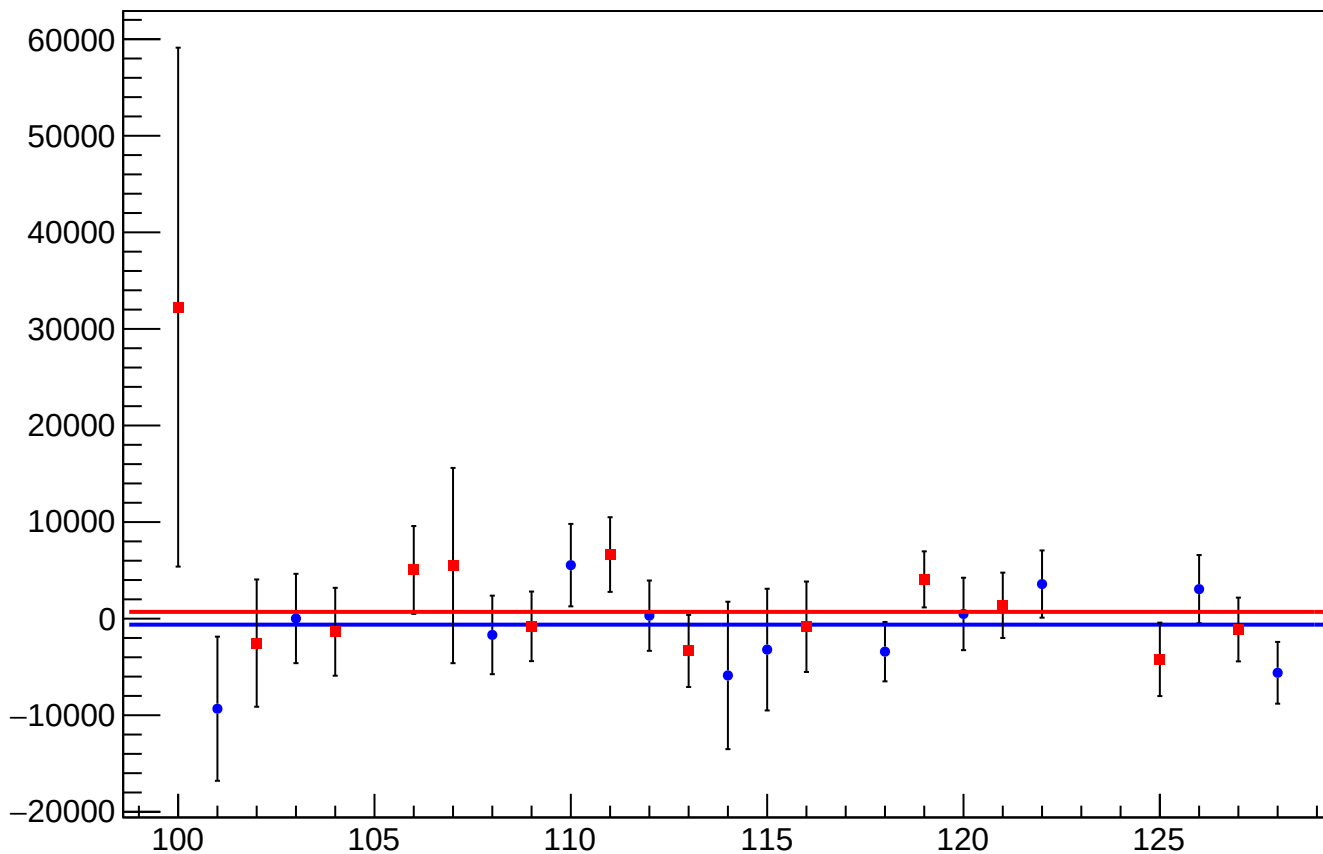
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.127+/-0.056 χ^2/NDF : 11427960.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -621.329+/-1165.978 χ^2/NDF : 10.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 701.453+/-1147.779 χ^2/NDF : 10.1/12

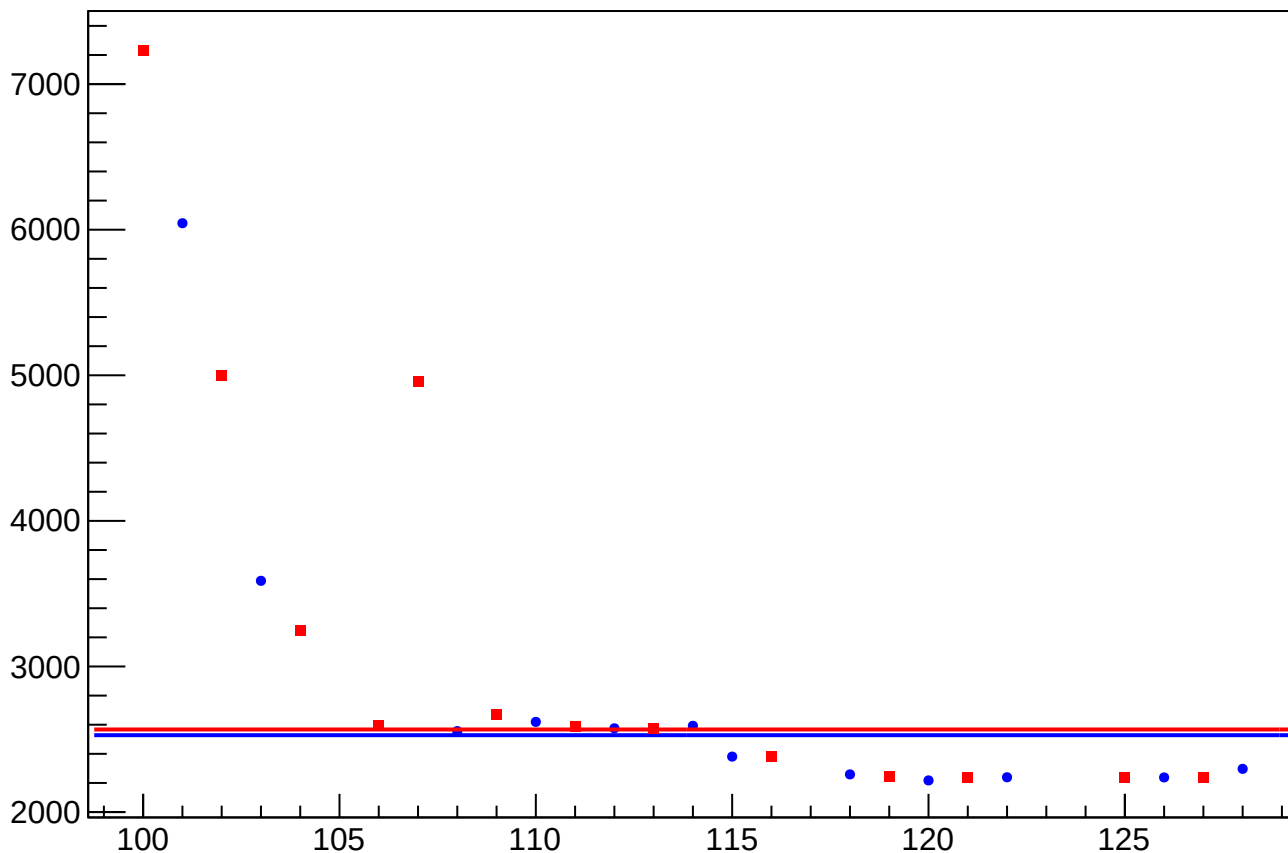
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.466+/-817.961 χ^2/NDF : 20.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2528.008+/-0.824 χ^2/NDF : 618589.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2567.152+/-0.812 χ^2/NDF : 573896.9/12

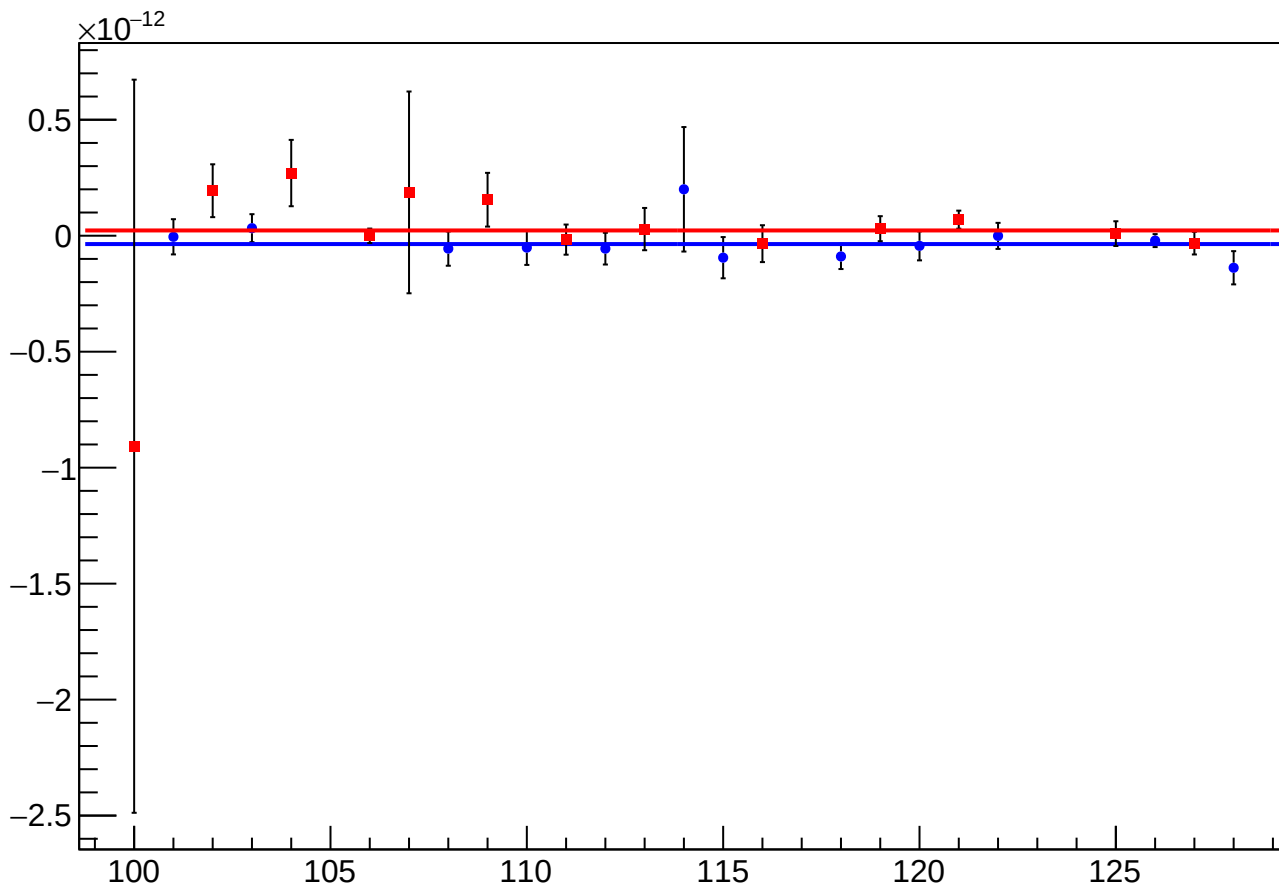
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2547.888+/-0.578 χ^2/NDF : 1193631.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 6.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.3/12

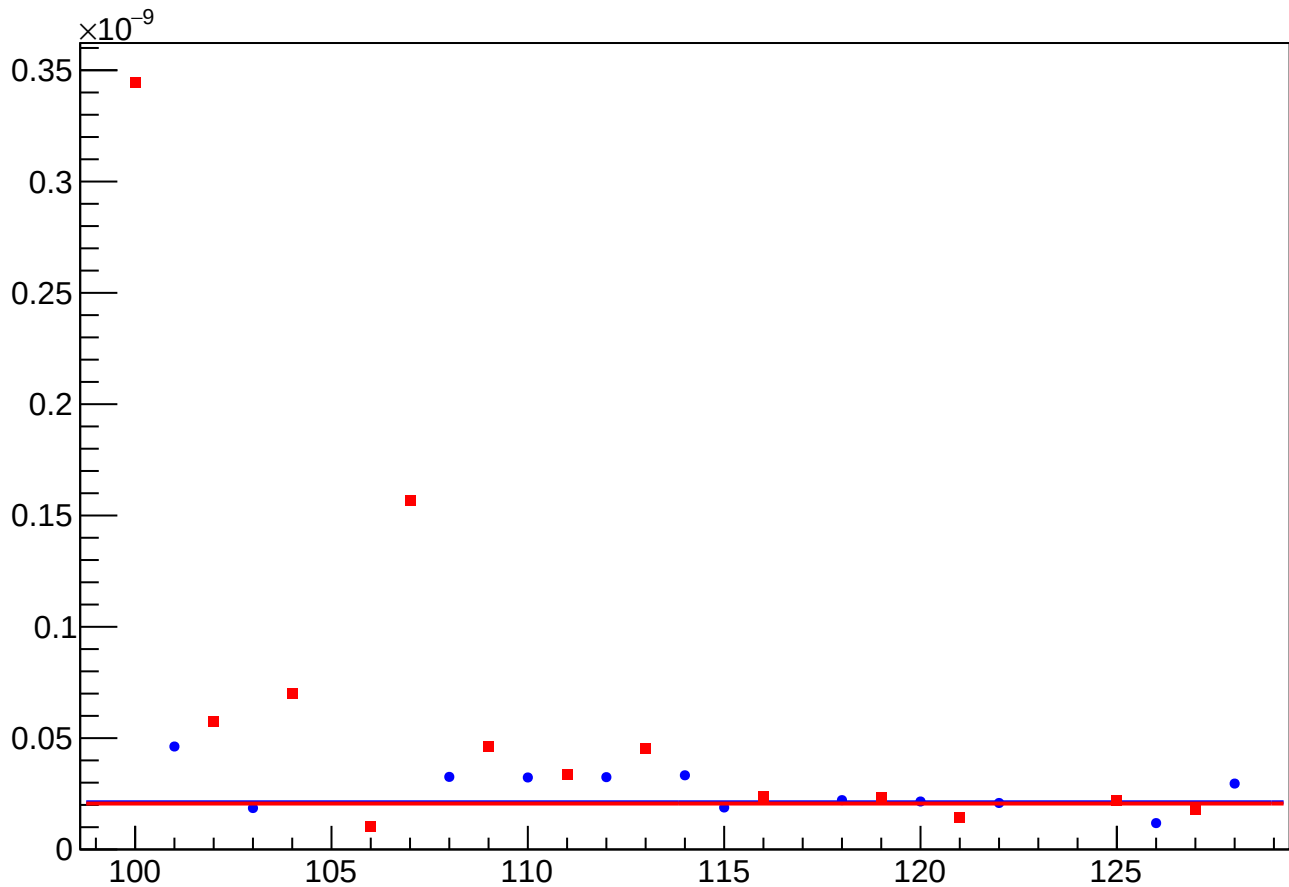
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 625800.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1335551.0/12

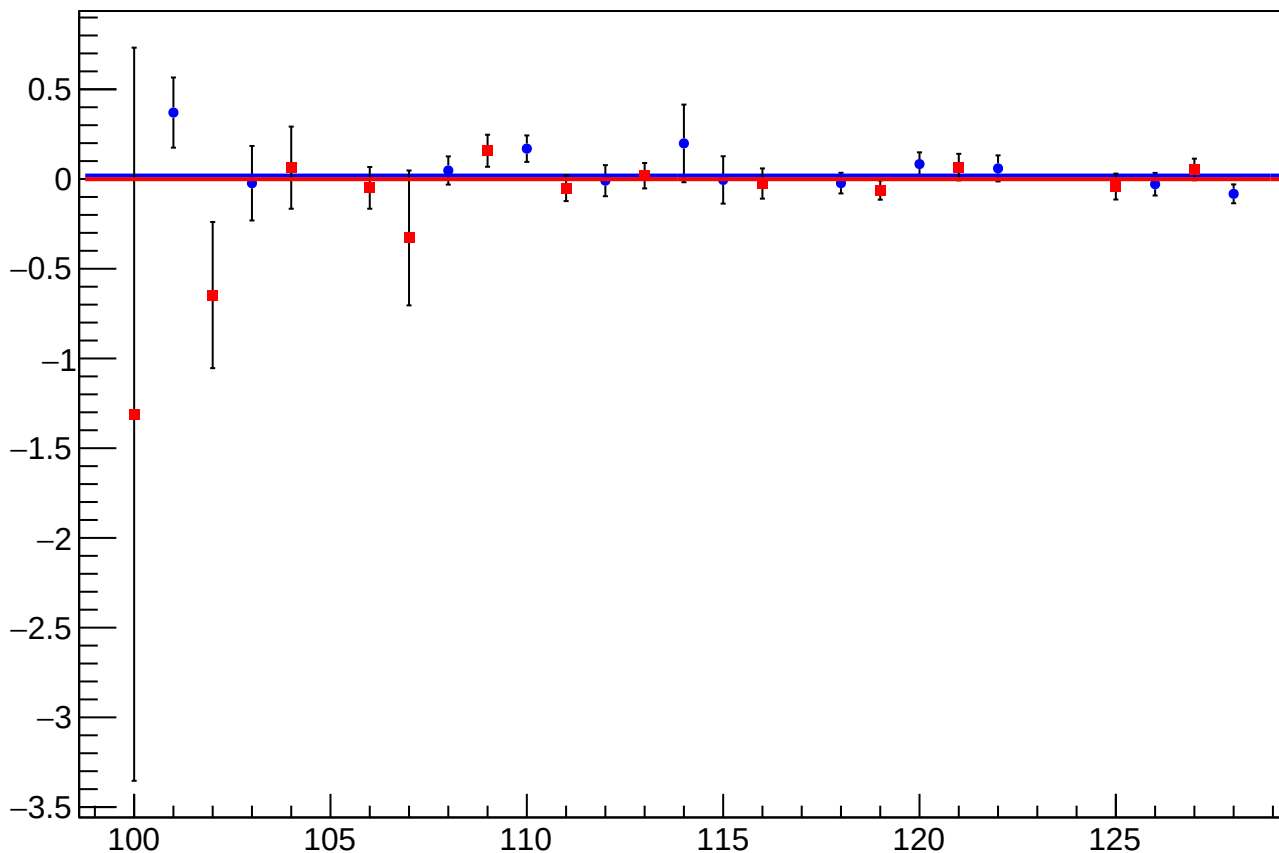
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1962473.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.019 $\pm$ 0.023 χ^2 /NDF: 14.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.001 $\pm$ 0.024 χ^2 /NDF: 11.0/12

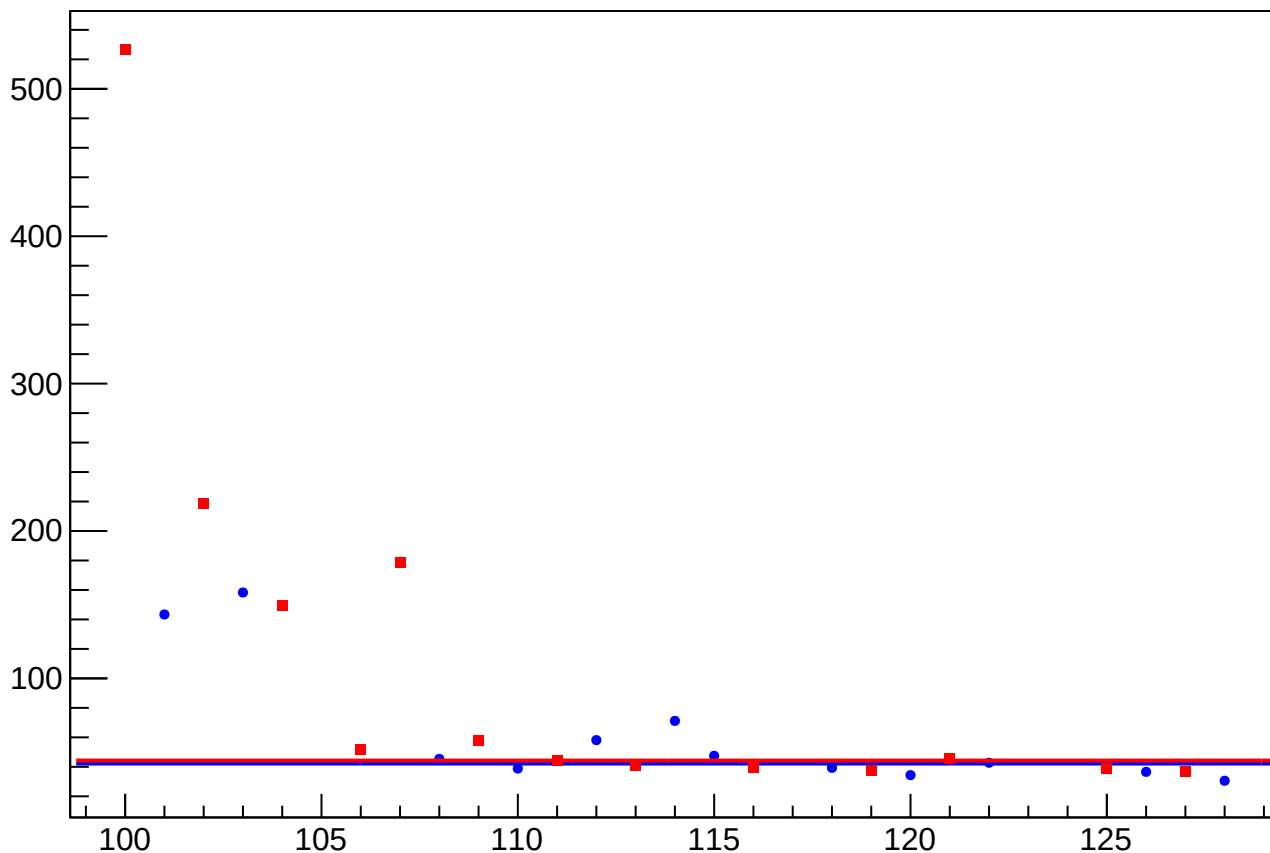
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.016 χ^2 /NDF: 25.9/24

- 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: 42.232+/-0.016 χ^2/NDF : 1422870.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.249+/-0.017 χ^2/NDF : 1297098.8/12

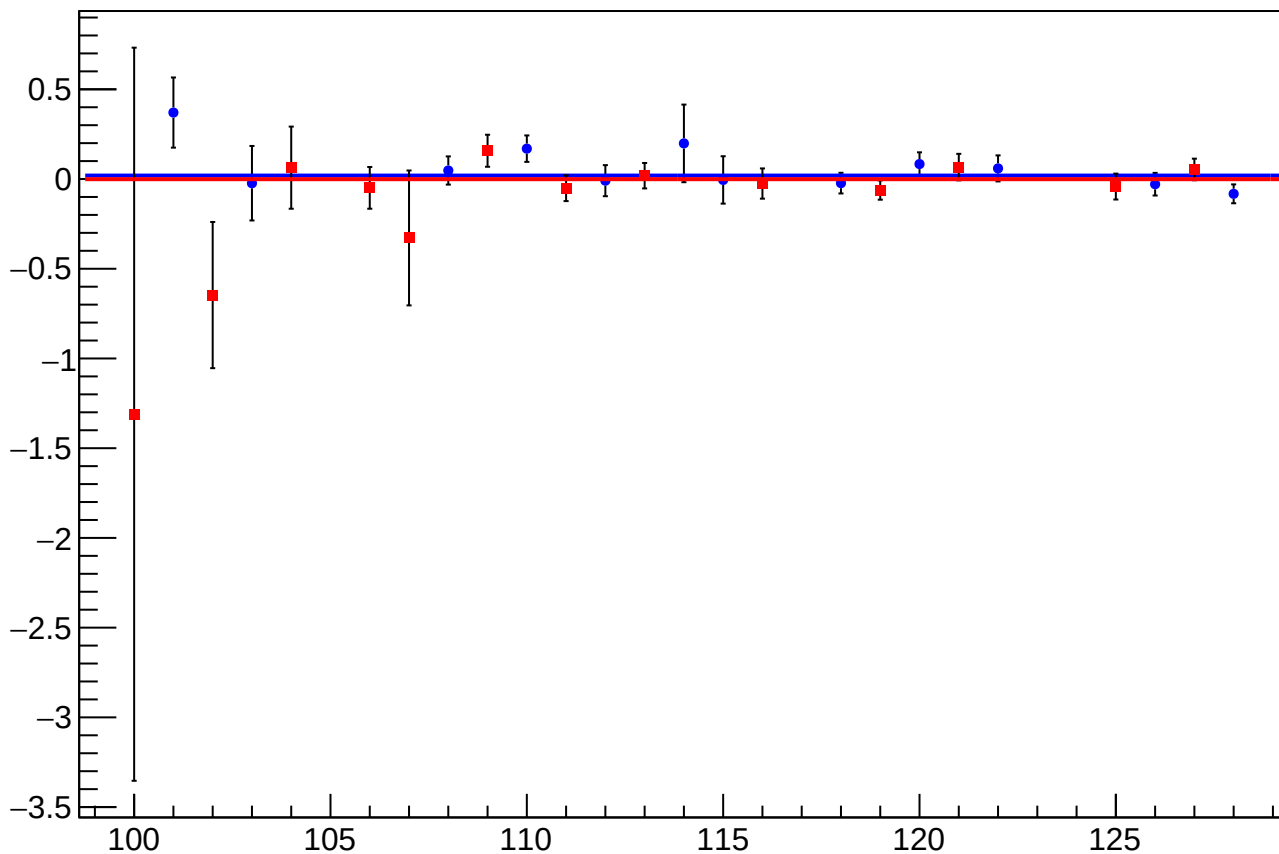
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.191+/-0.012 χ^2/NDF : 2727508.5/24

- 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: 0.019 $\pm$ 0.023 χ^2 /NDF: 14.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.024 χ^2 /NDF: 11.0/12

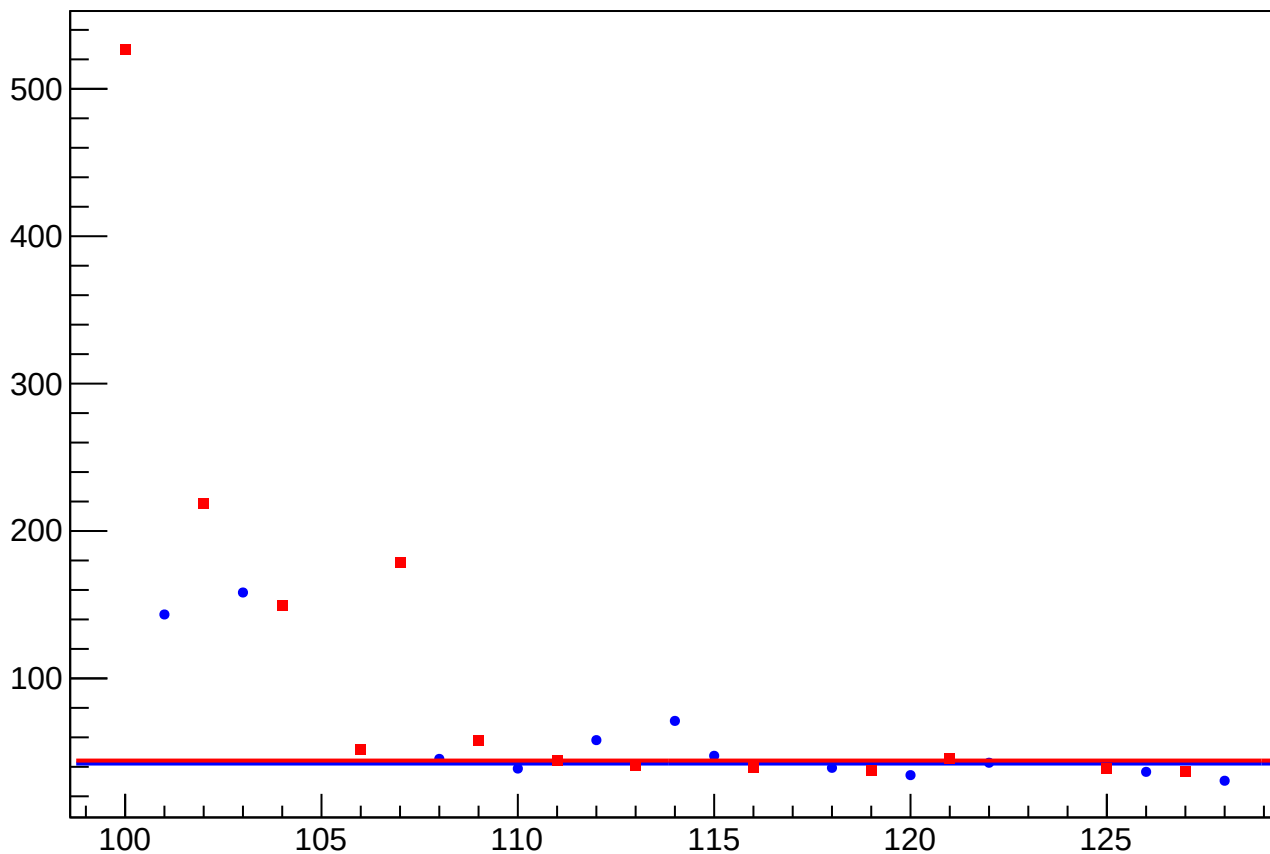
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.016 χ^2 /NDF: 25.9/24

- 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: 42.232+/-0.016 χ^2/NDF : 1422870.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.249+/-0.017 χ^2/NDF : 1297098.8/12

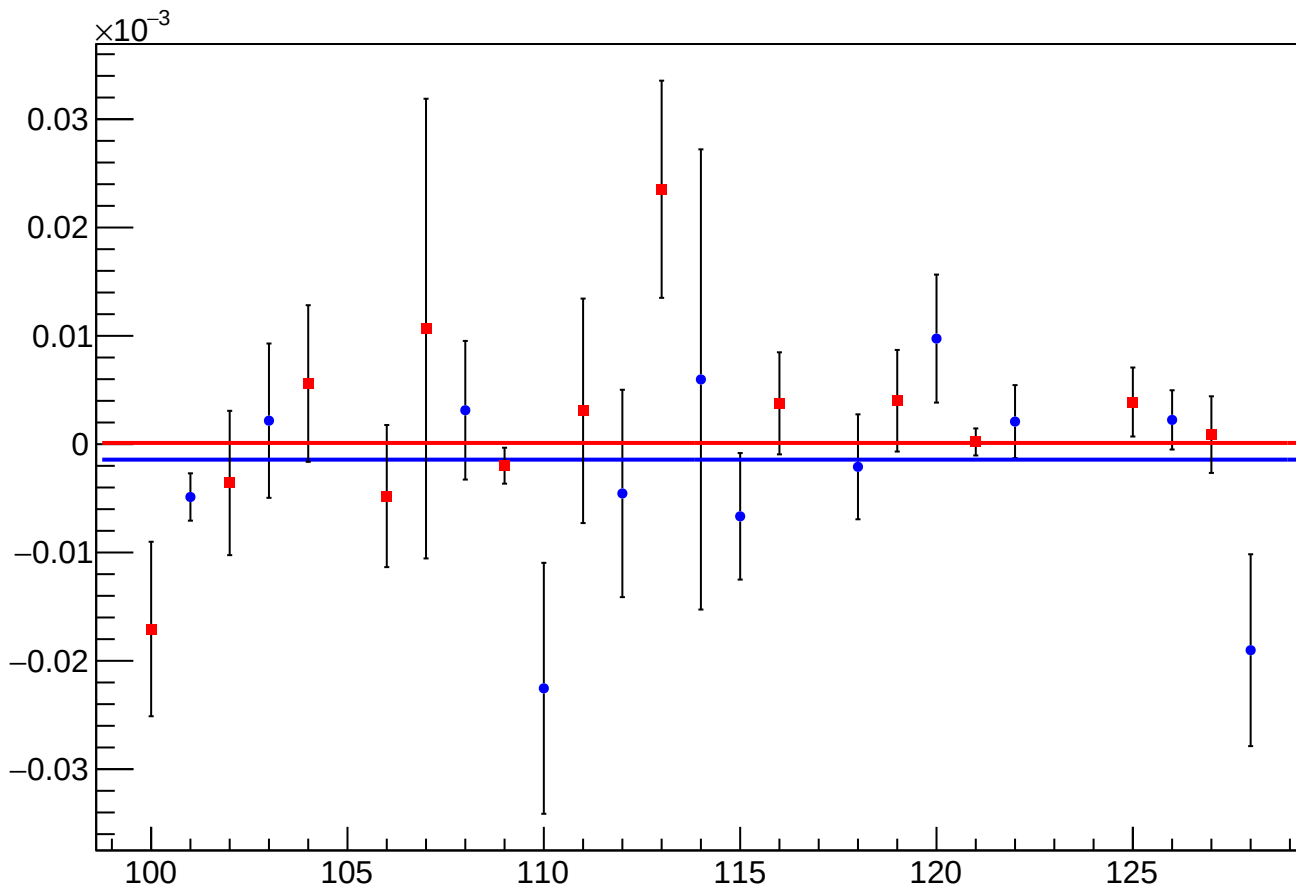
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.191+/-0.012 χ^2/NDF : 2727508.5/24

- 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 : 18.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.1/12

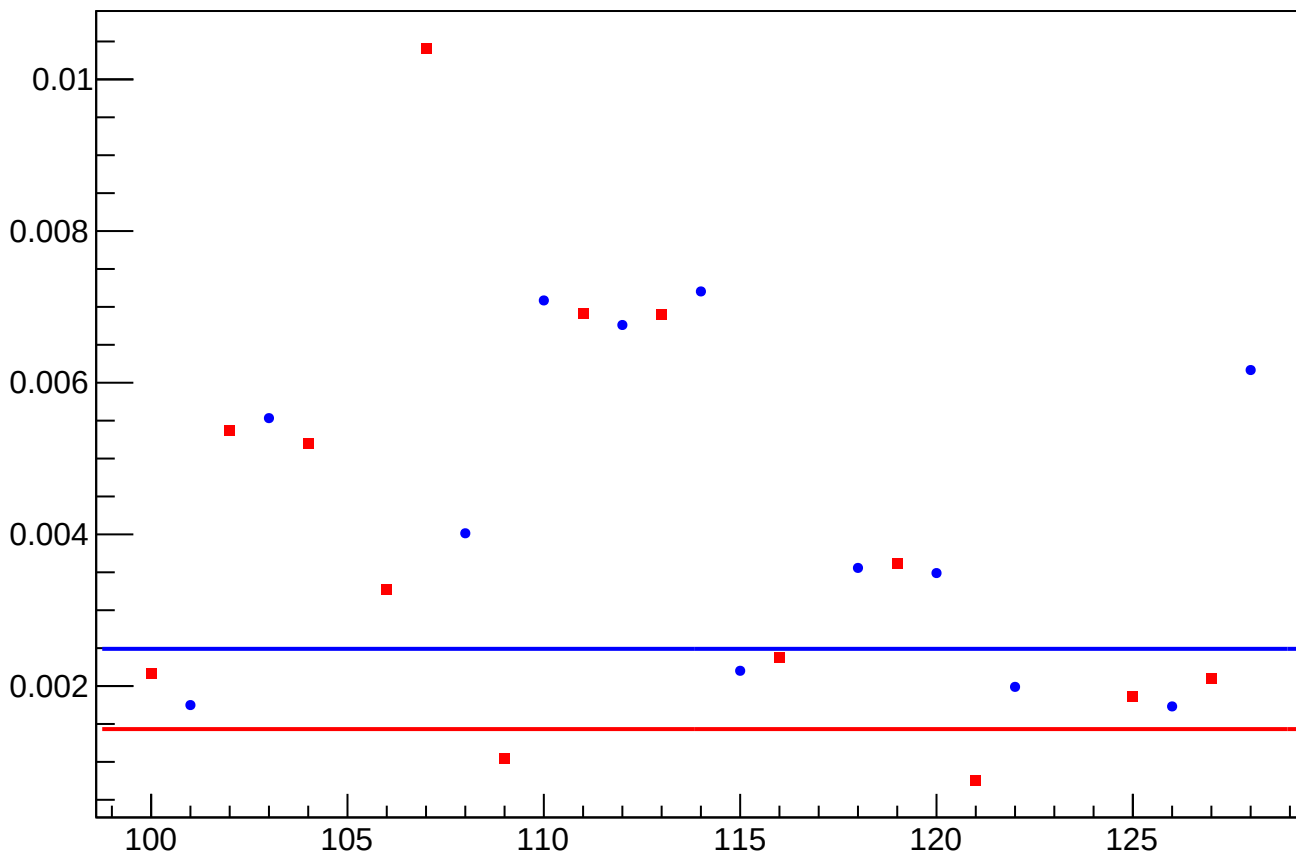
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 35.2/24

- 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: 0.002+/-0.000 χ^2/NDF : 2222023.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4256373.5/12

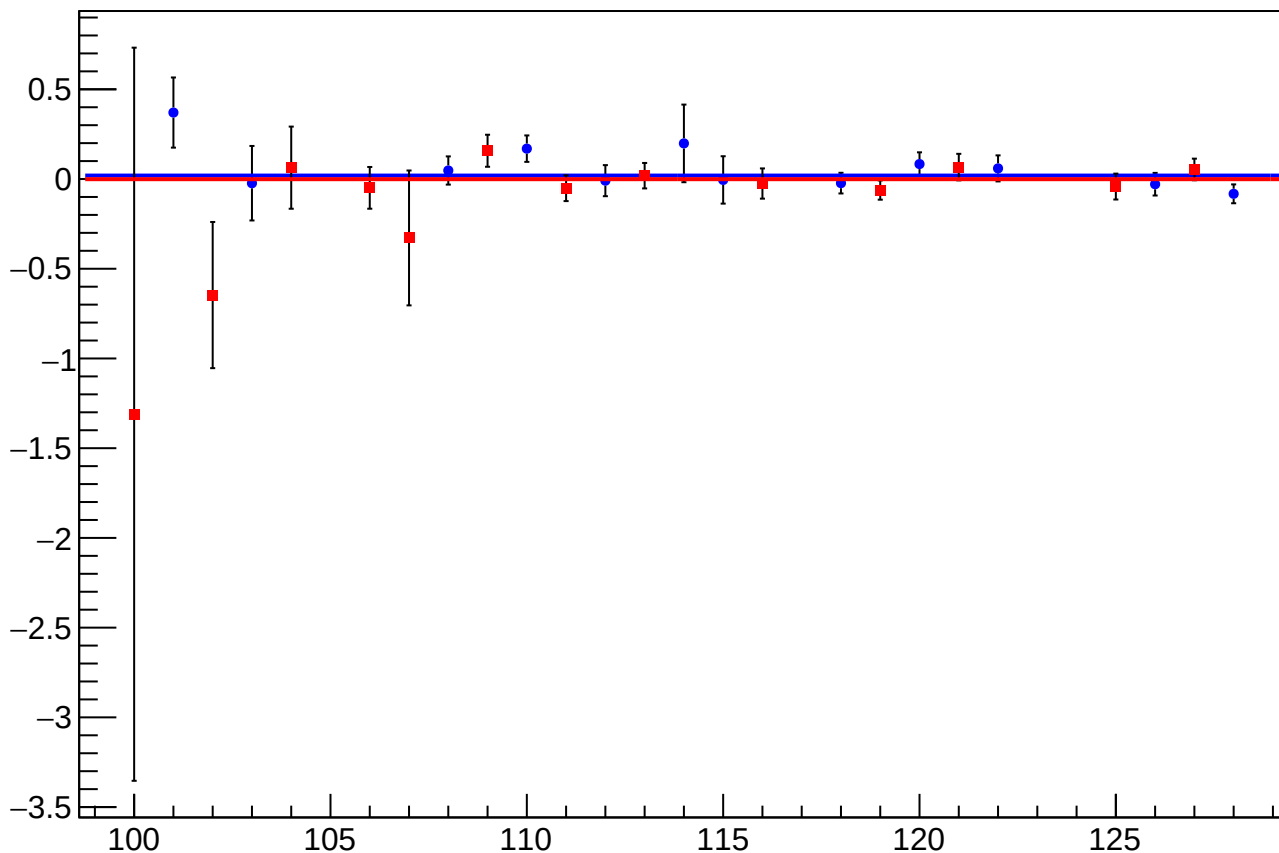
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 7424135.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.019 $\pm$ 0.023 χ^2 /NDF: 14.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.001 $\pm$ 0.024 χ^2 /NDF: 11.0/12

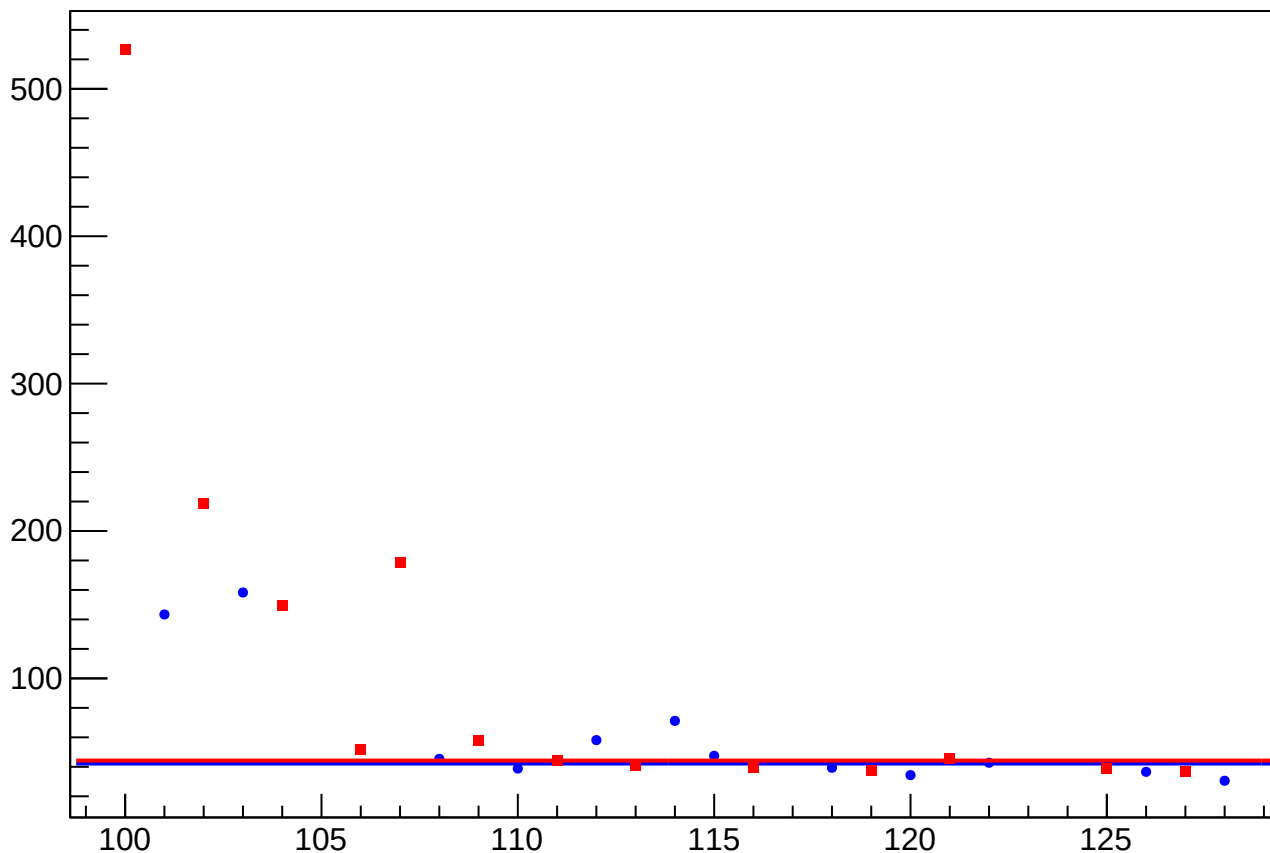
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.016 χ^2 /NDF: 25.9/24

- 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: 42.229+/-0.016 χ^2/NDF : 1423105.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.250+/-0.017 χ^2/NDF : 1297066.5/12

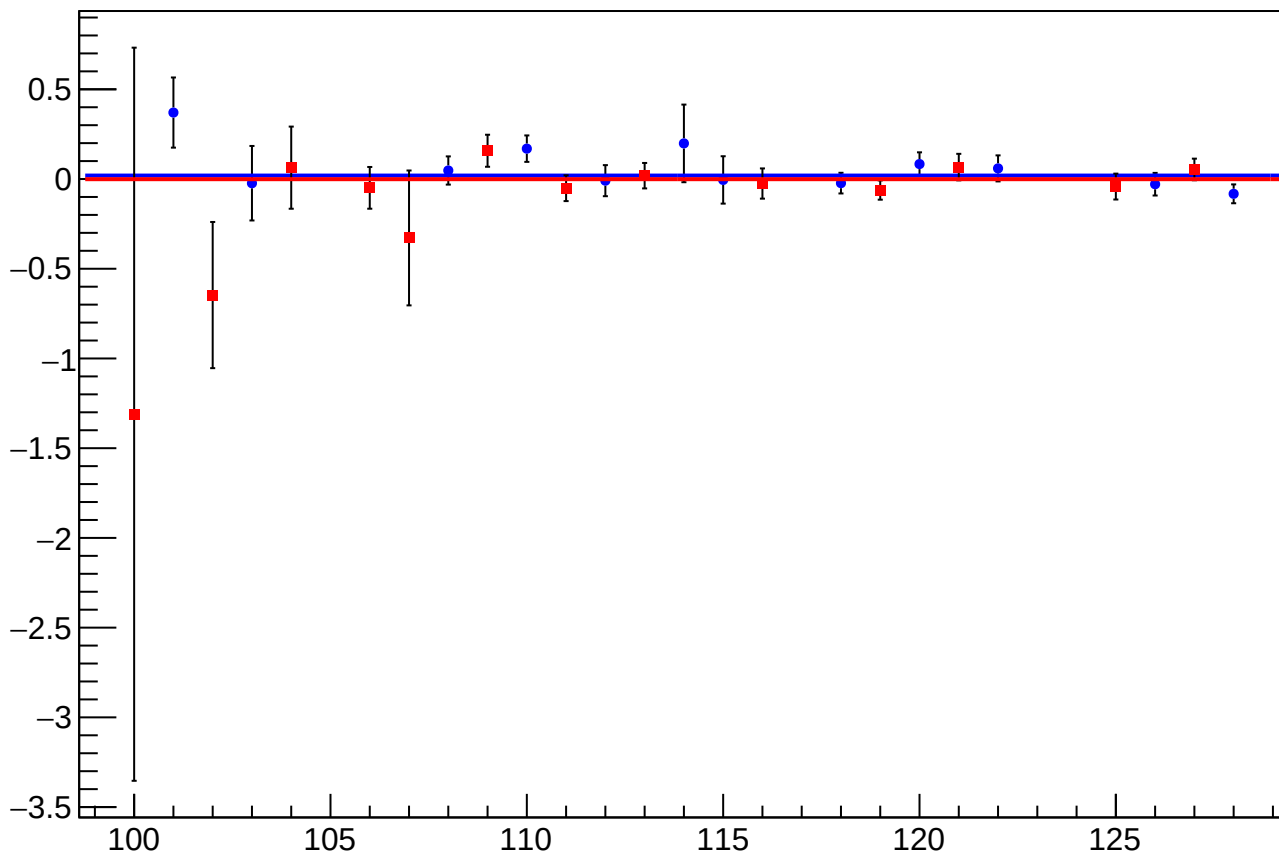
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.190+/-0.012 χ^2/NDF : 2727742.3/24

- 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: 0.019 $\pm$ 0.023 χ^2 /NDF: 14.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.024 χ^2 /NDF: 11.0/12

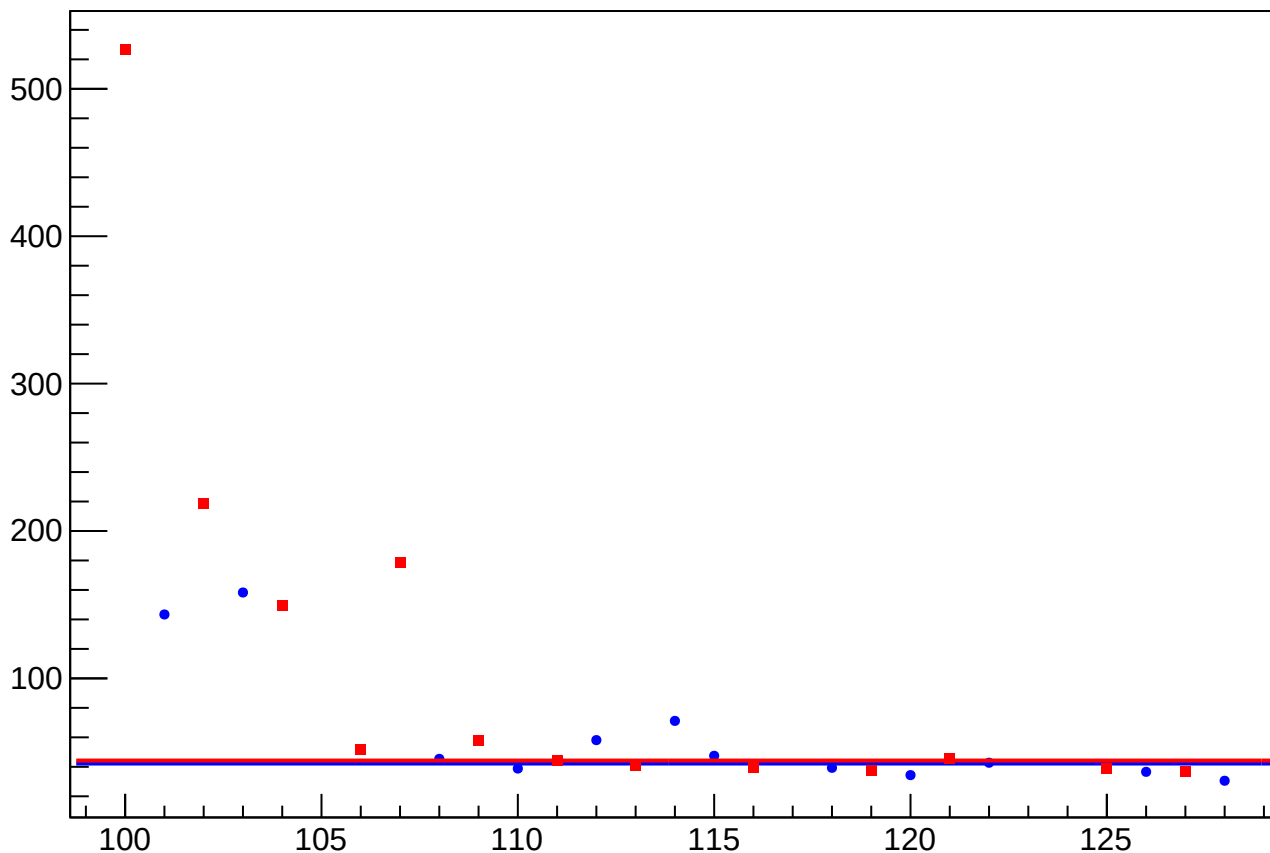
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.016 χ^2 /NDF: 25.9/24

- 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: 42.229+/-0.016 χ^2/NDF : 1423105.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.250+/-0.017 χ^2/NDF : 1297066.5/12

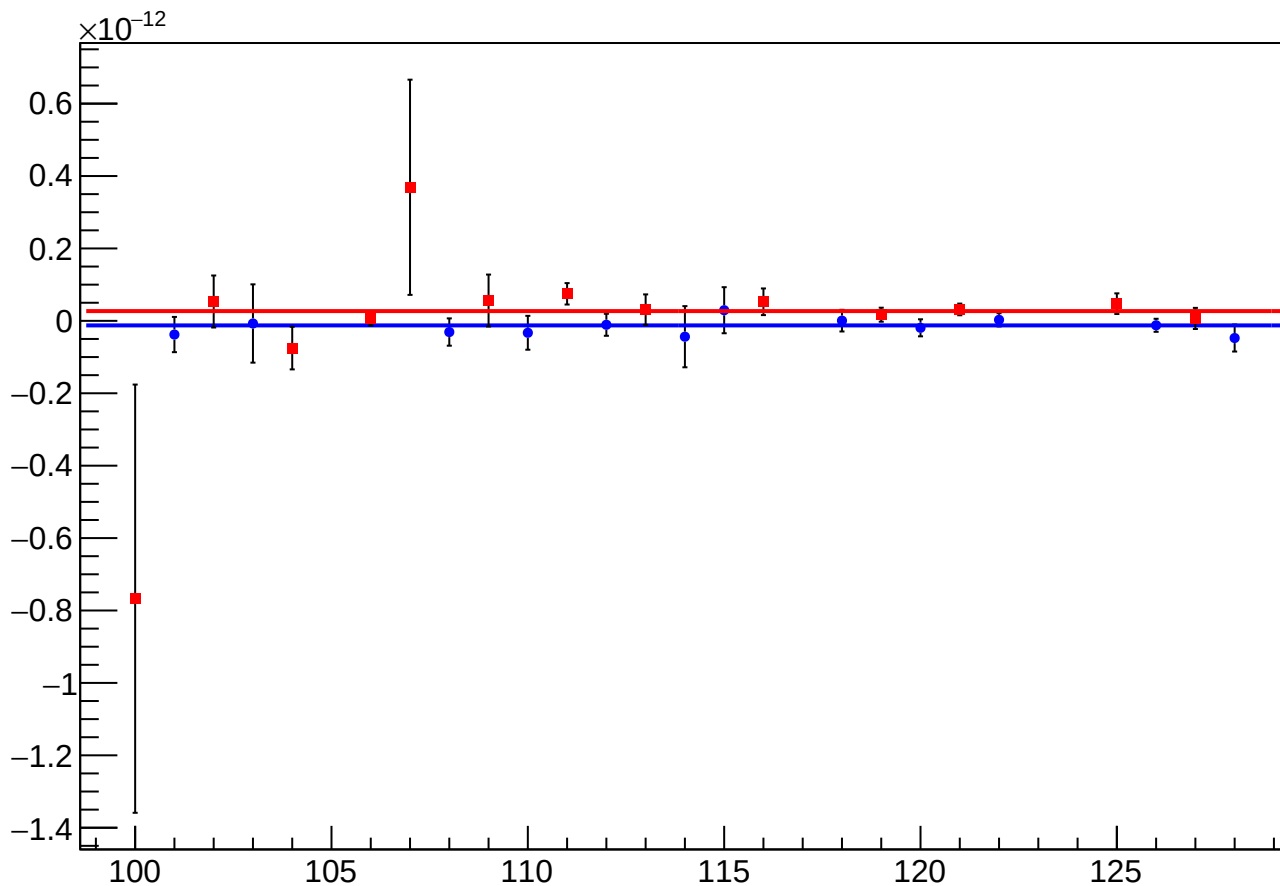
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.190+/-0.012 χ^2/NDF : 2727742.3/24

- 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 : 3.1/11

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 +/- 0.000 χ^2/NDF : 11.9/12

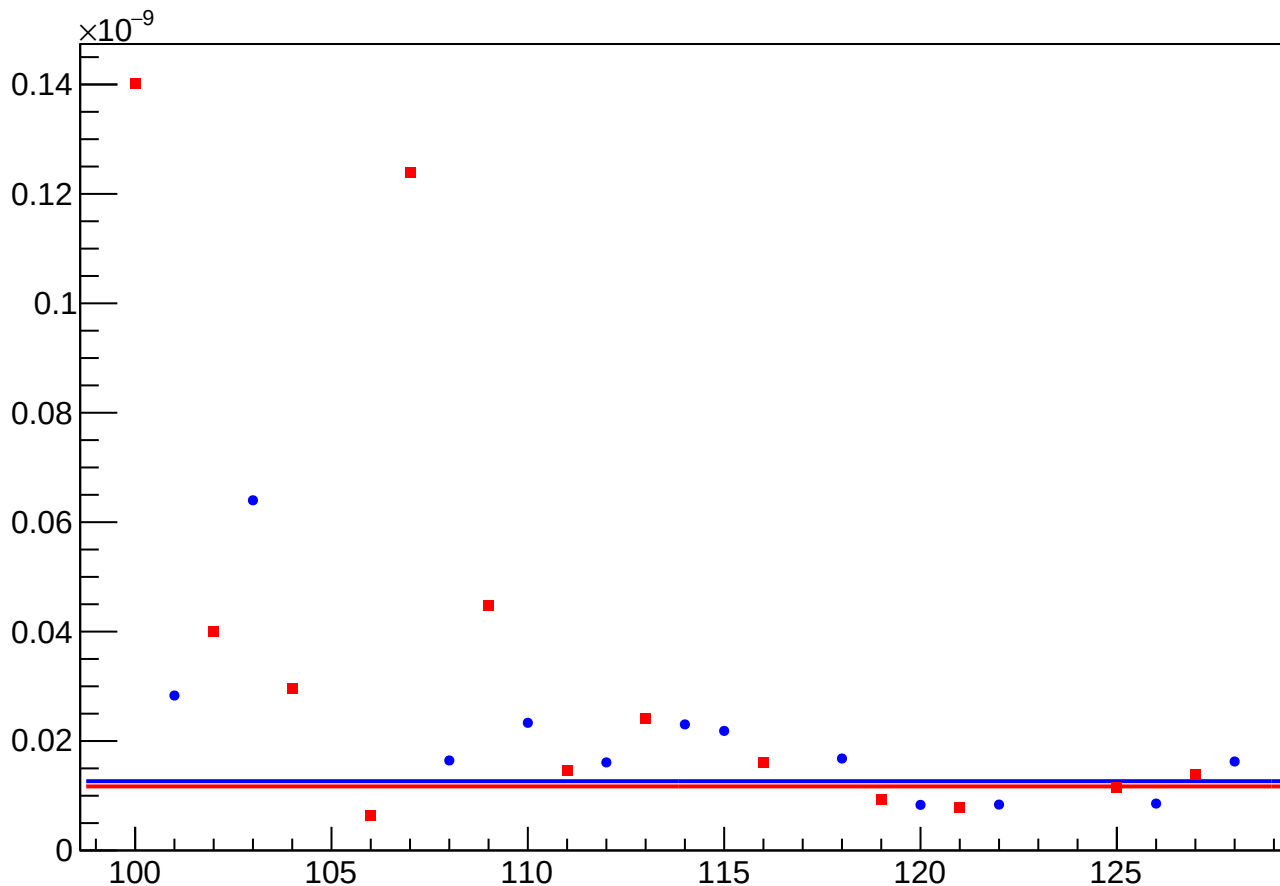
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 0.000 +/- 0.000 χ^2/NDF : 25.7/24

- 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 : 1216281.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1822630.4/12

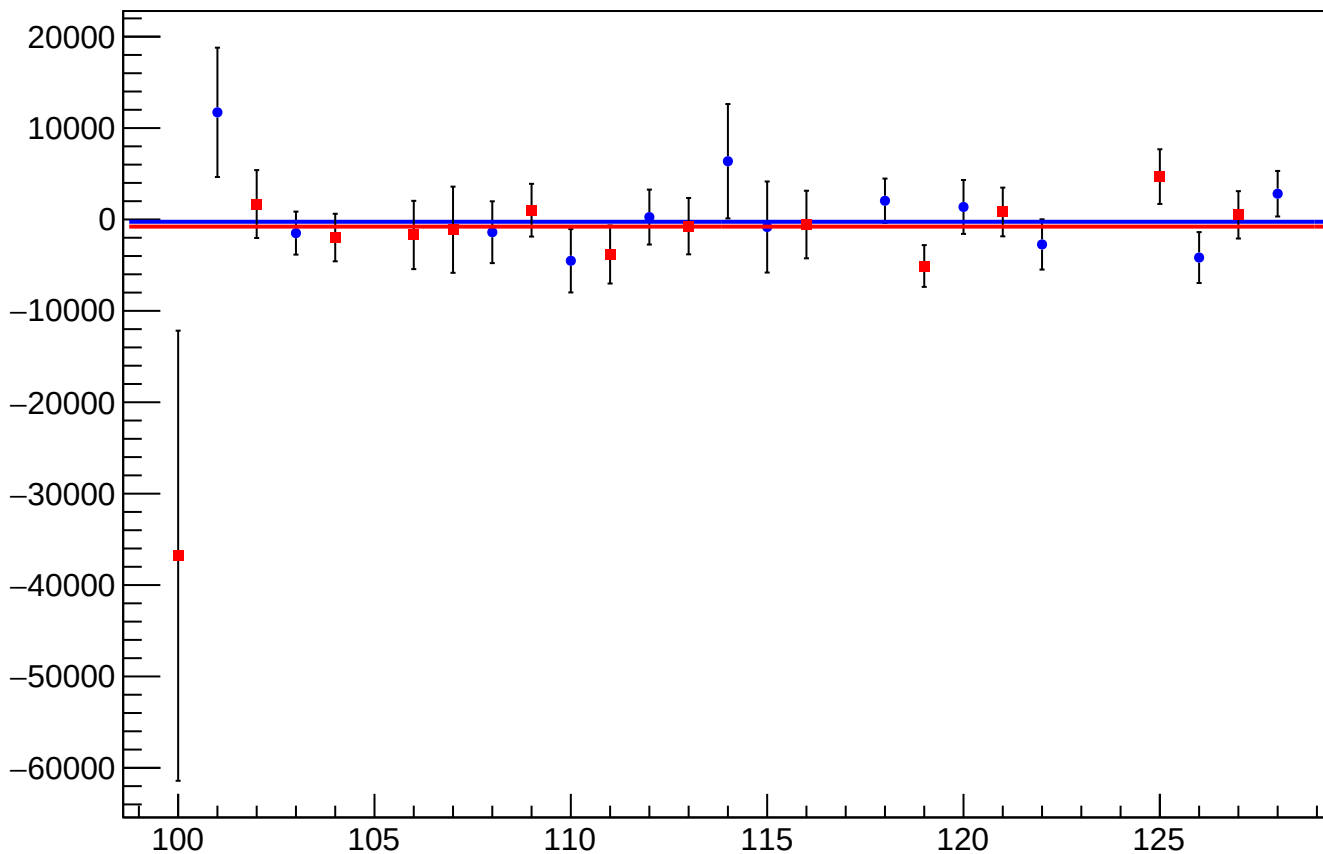
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3051361.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -251.707 ± 892.733 χ^2/NDF : 11.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -781.509 ± 867.422 χ^2/NDF : 11.7/12

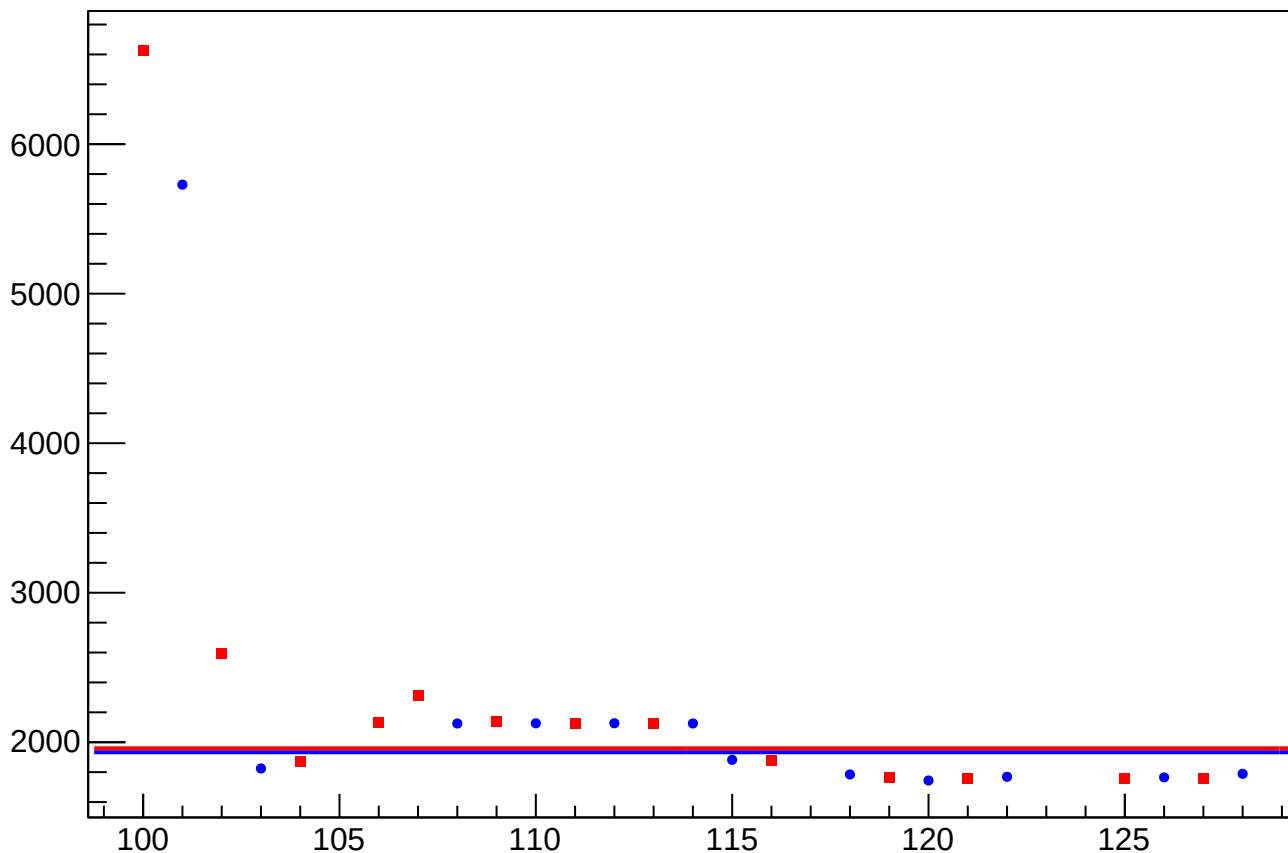
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -524.225 ± 622.116 χ^2/NDF : 23.3/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 1933.106+/-0.631 χ^2/NDF : 639924.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

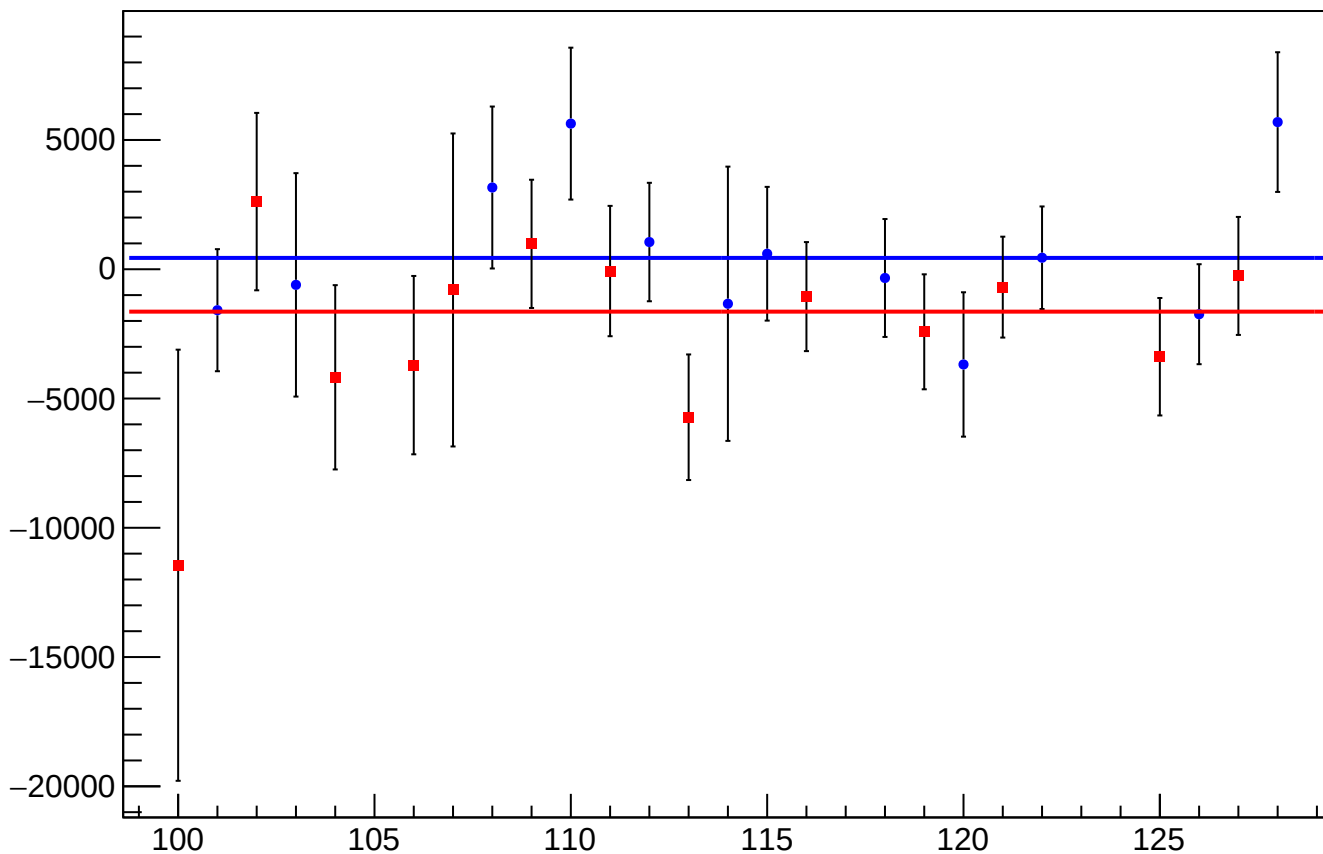
Right Out: 1959.455+/-0.613 χ^2/NDF : 214926.5/12

All: 1946.659+/-0.440 χ^2/NDF : 855746.7/24

- 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_reg_correction_mean vs Slug



Right In: 438.571+/-744.190 χ^2/NDF : 12.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1639.706+/-734.363 χ^2/NDF : 9.5/12

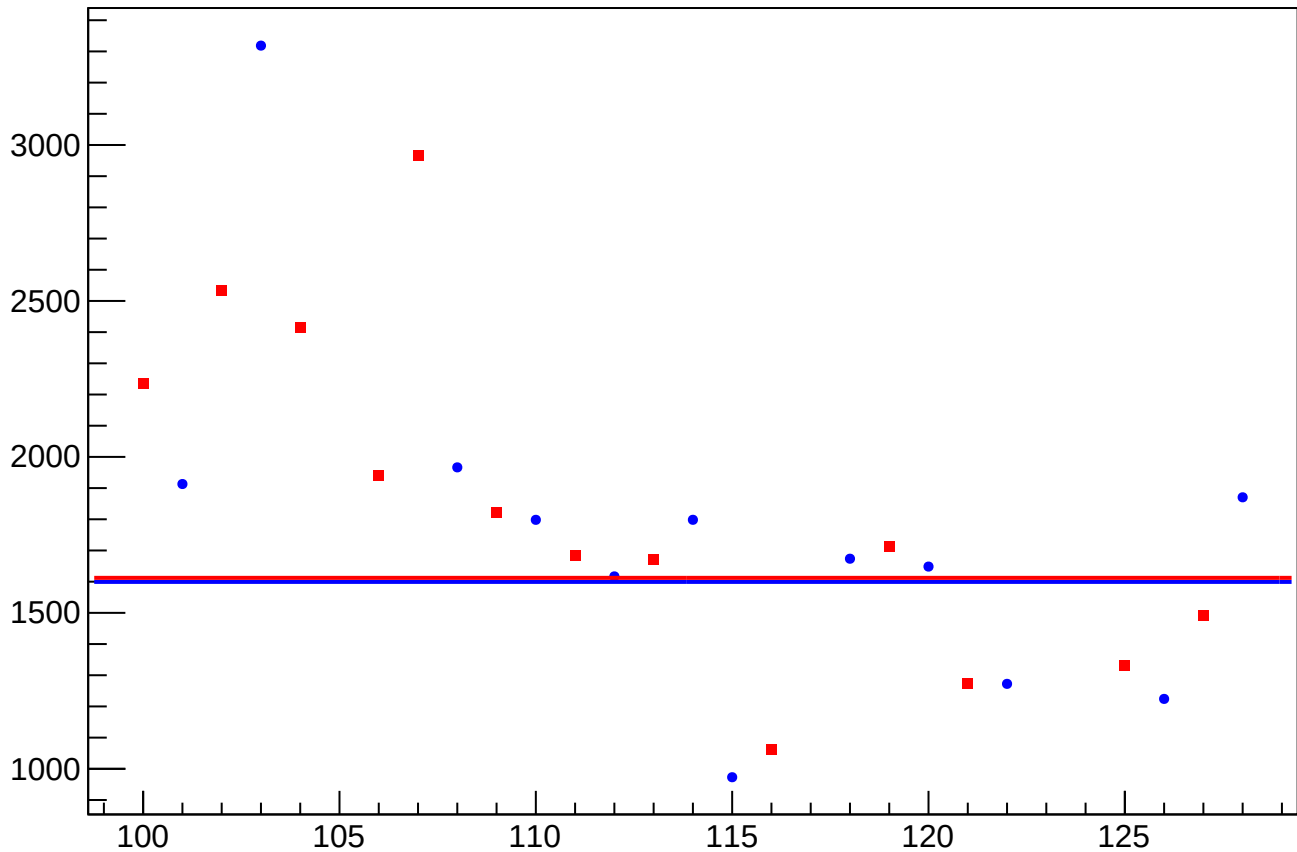
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -614.380+/-522.713 χ^2/NDF : 25.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_reg_correction_rms vs Slug



Right In: 1599.265+/-0.526 χ^2/NDF : 661306.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1612.253+/-0.519 χ^2/NDF : 628186.7/12

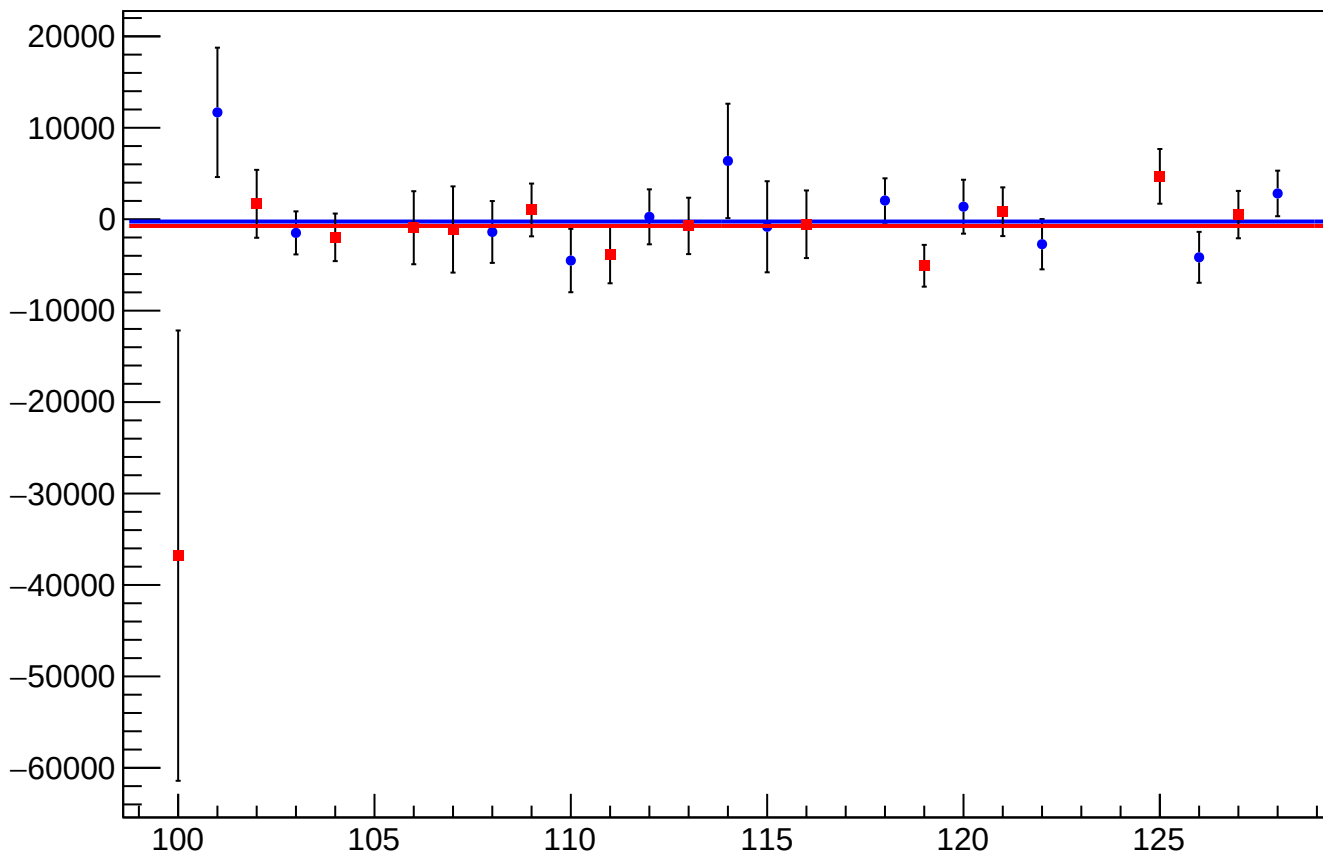
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1605.845+/-0.370 χ^2/NDF : 1289801.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -252.743+/-892.734 χ^2/NDF : 11.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -739.823+/-870.368 χ^2/NDF : 11.6/12

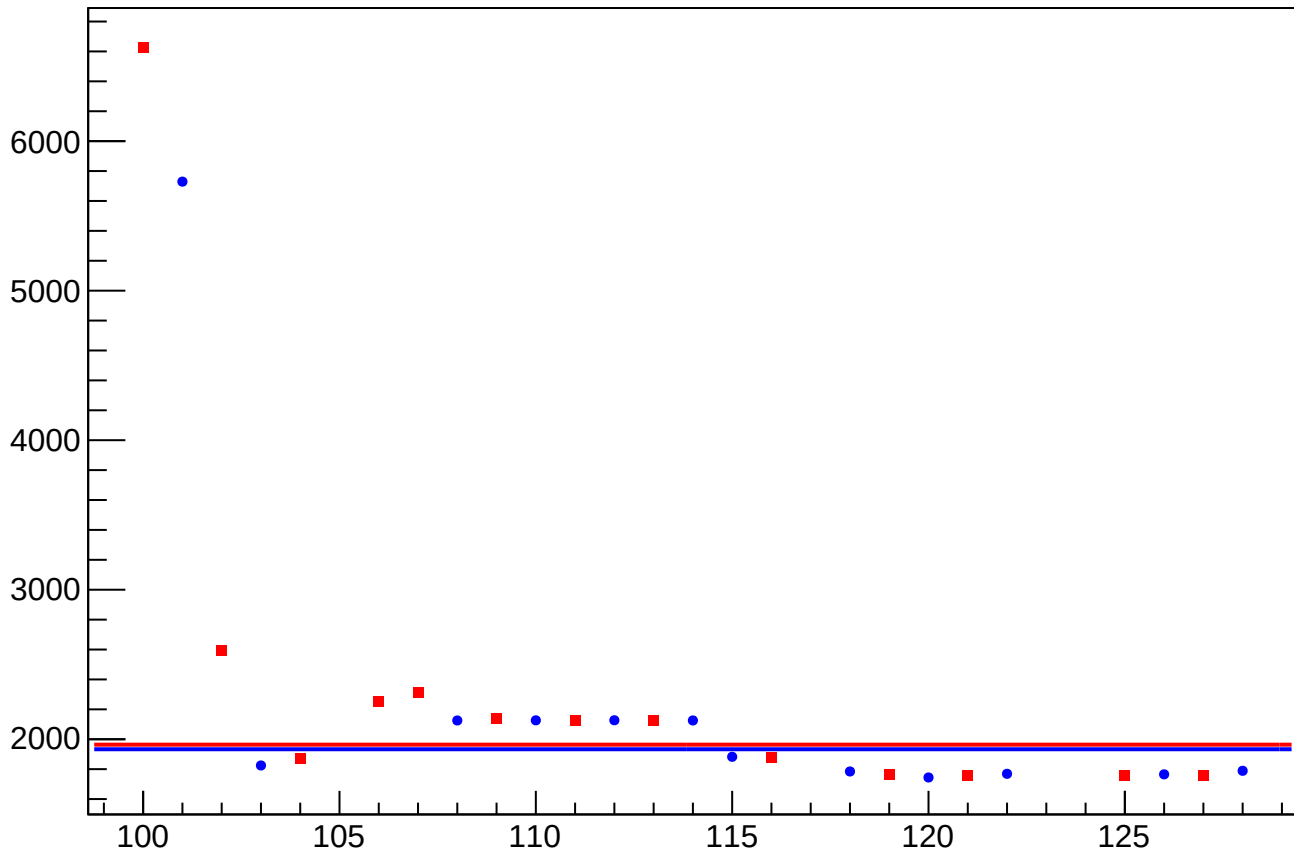
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -502.461+/-623.200 χ^2/NDF : 23.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 1933.106+/-0.631 χ^2/NDF : 639923.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

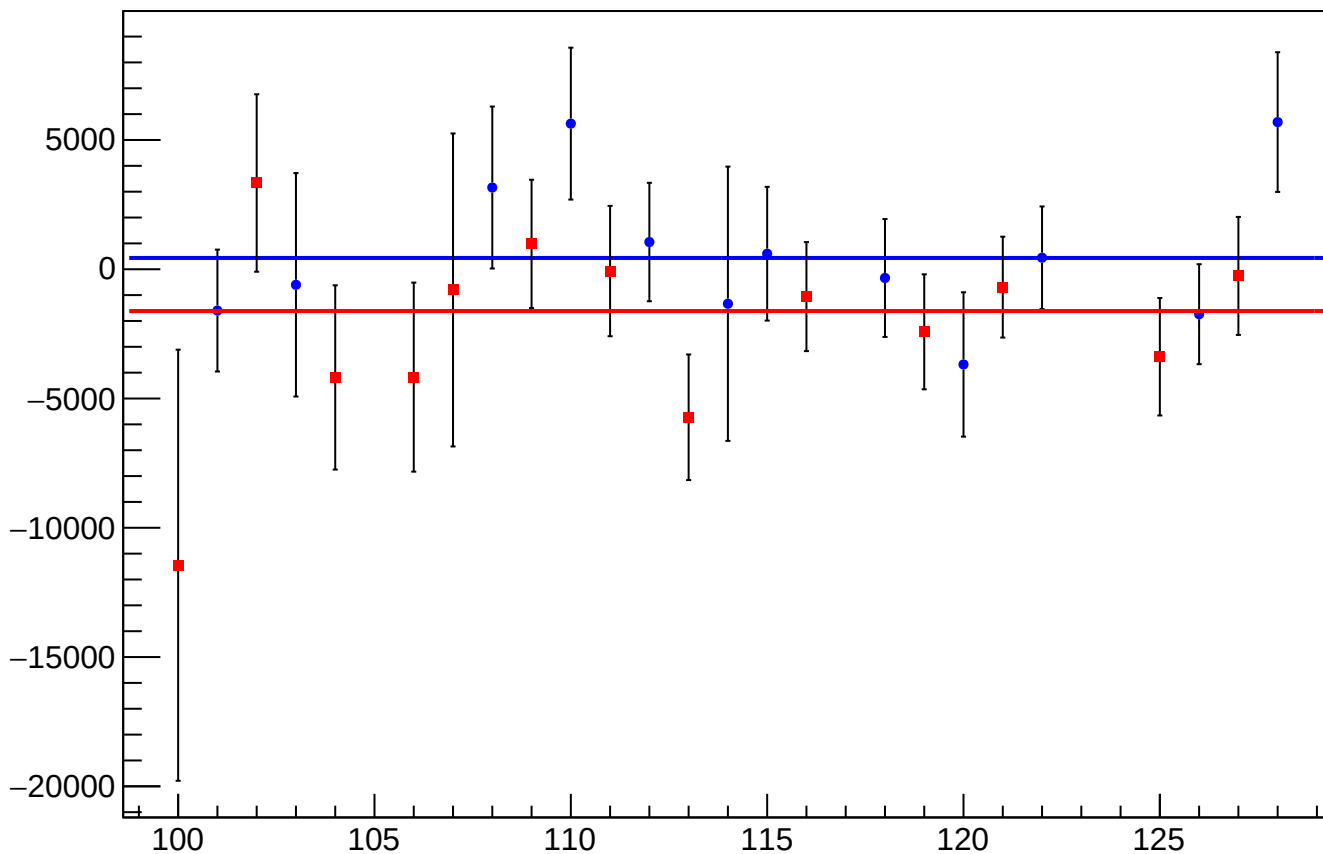
Right Out: 1963.819+/-0.615 χ^2/NDF : 221107.2/12

All: 1948.852+/-0.441 χ^2/NDF : 862244.8/24

- 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_cor_correction_mean vs Slug



Right In: 436.849+/-744.091 χ^2/NDF : 12.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1615.647+/-736.201 χ^2/NDF : 10.2/12

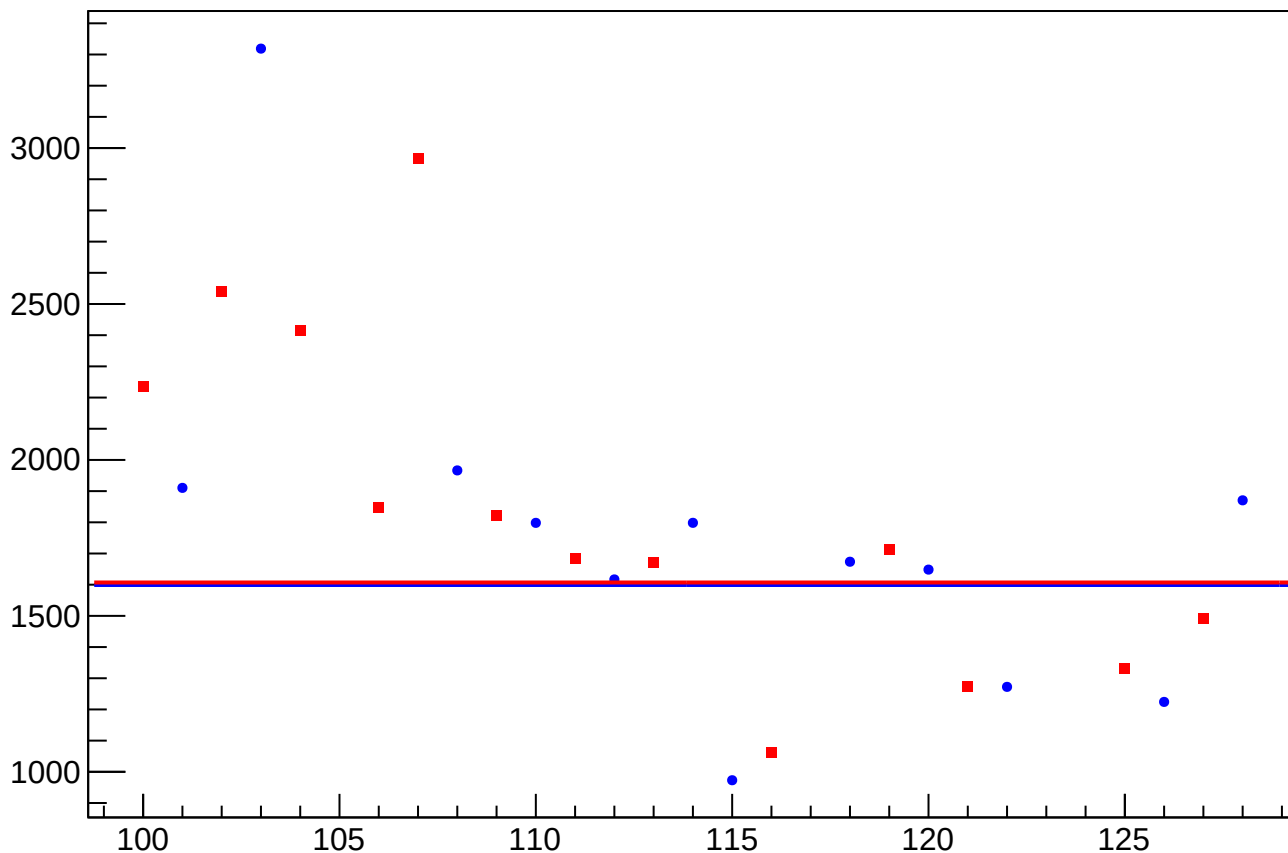
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -600.338+/-523.340 χ^2/NDF : 26.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_cor_correction_rms vs Slug



Right In: 1599.089+/-0.526 χ^2/NDF : 660867.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1607.047+/-0.521 χ^2/NDF : 619980.8/12

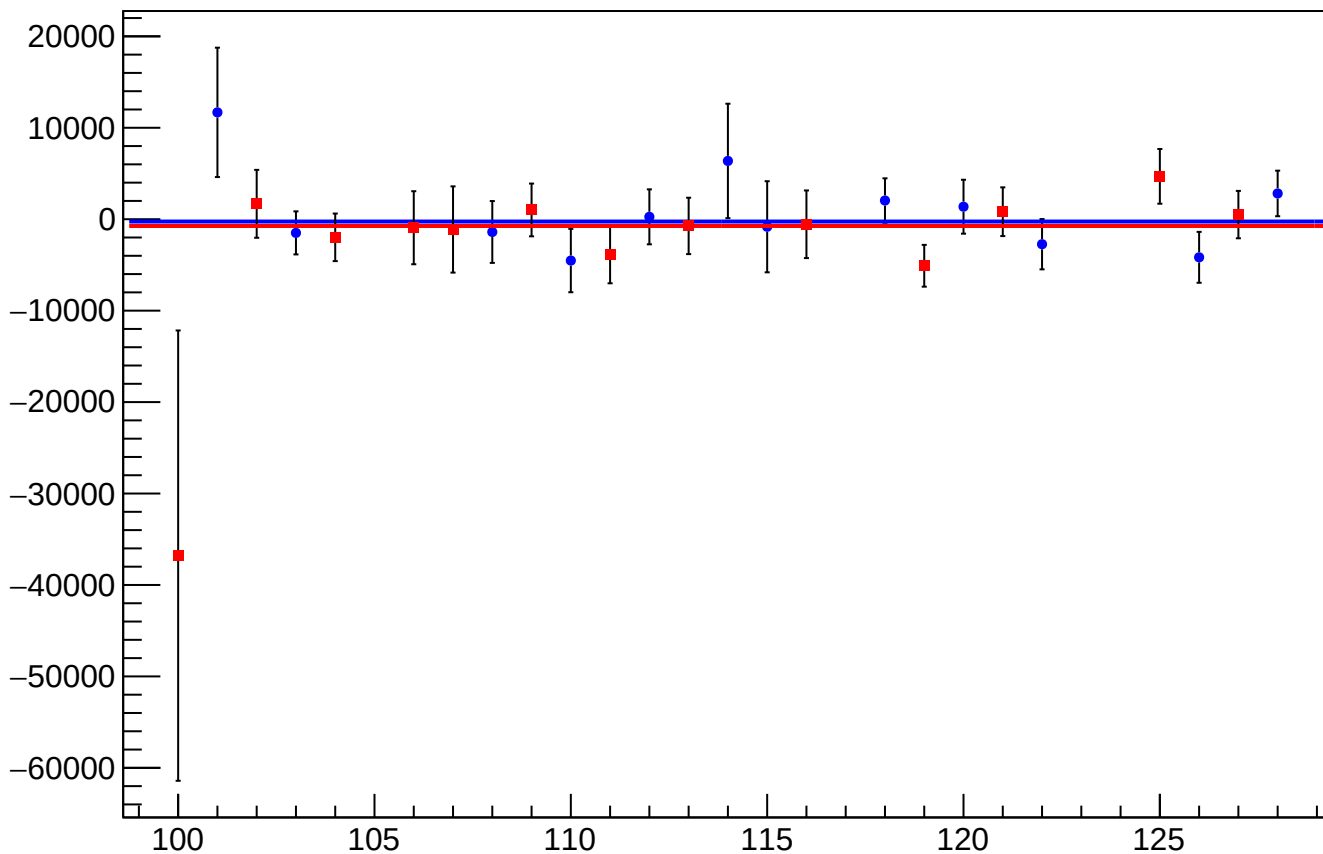
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1603.110+/-0.370 χ^2/NDF : 1280963.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -252.743+/-892.734 χ^2 /NDF: 11.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -739.823+/-870.368 χ^2 /NDF: 11.6/12

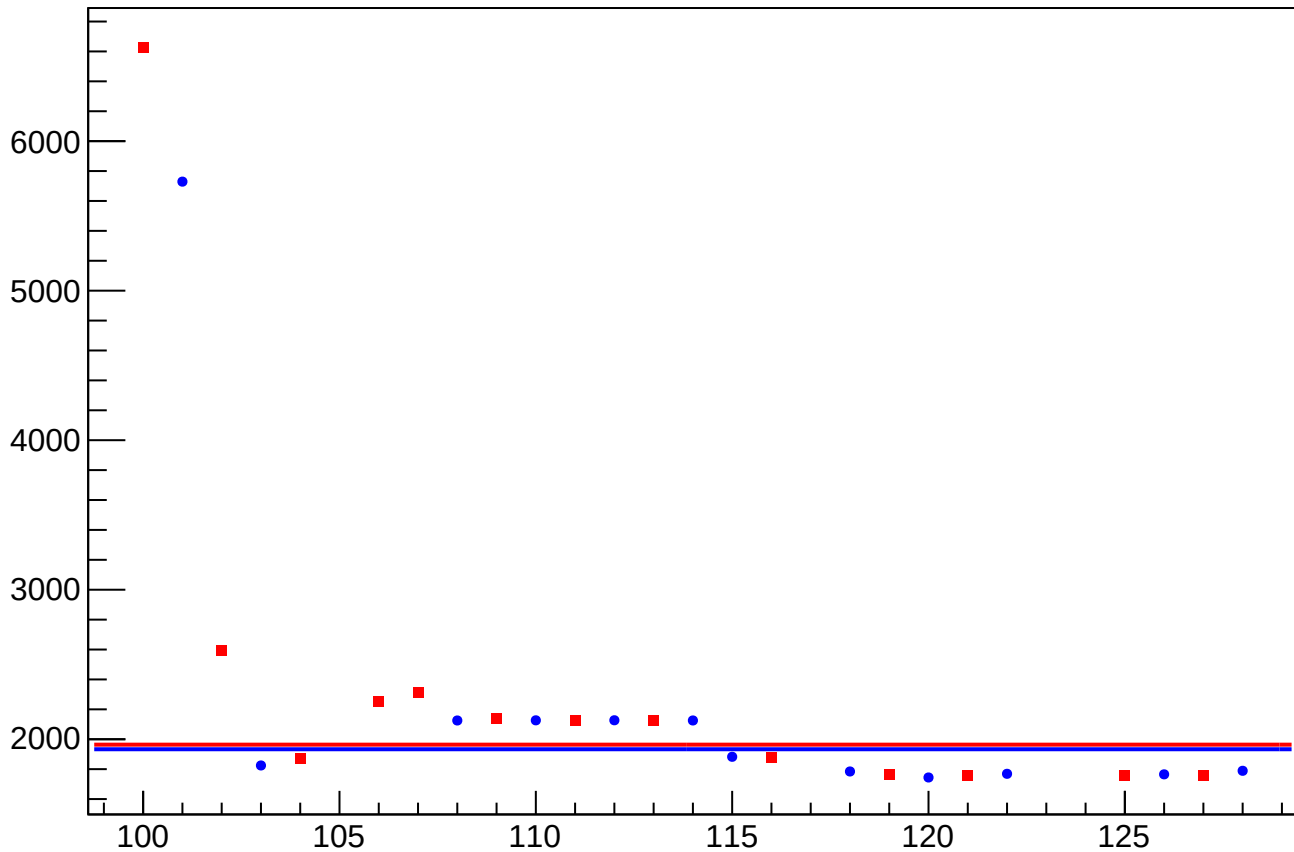
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -502.461+/-623.200 χ^2 /NDF: 23.2/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 1933.106+/-0.631 χ^2/NDF : 639923.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1963.819+/-0.615 χ^2/NDF : 221107.2/12

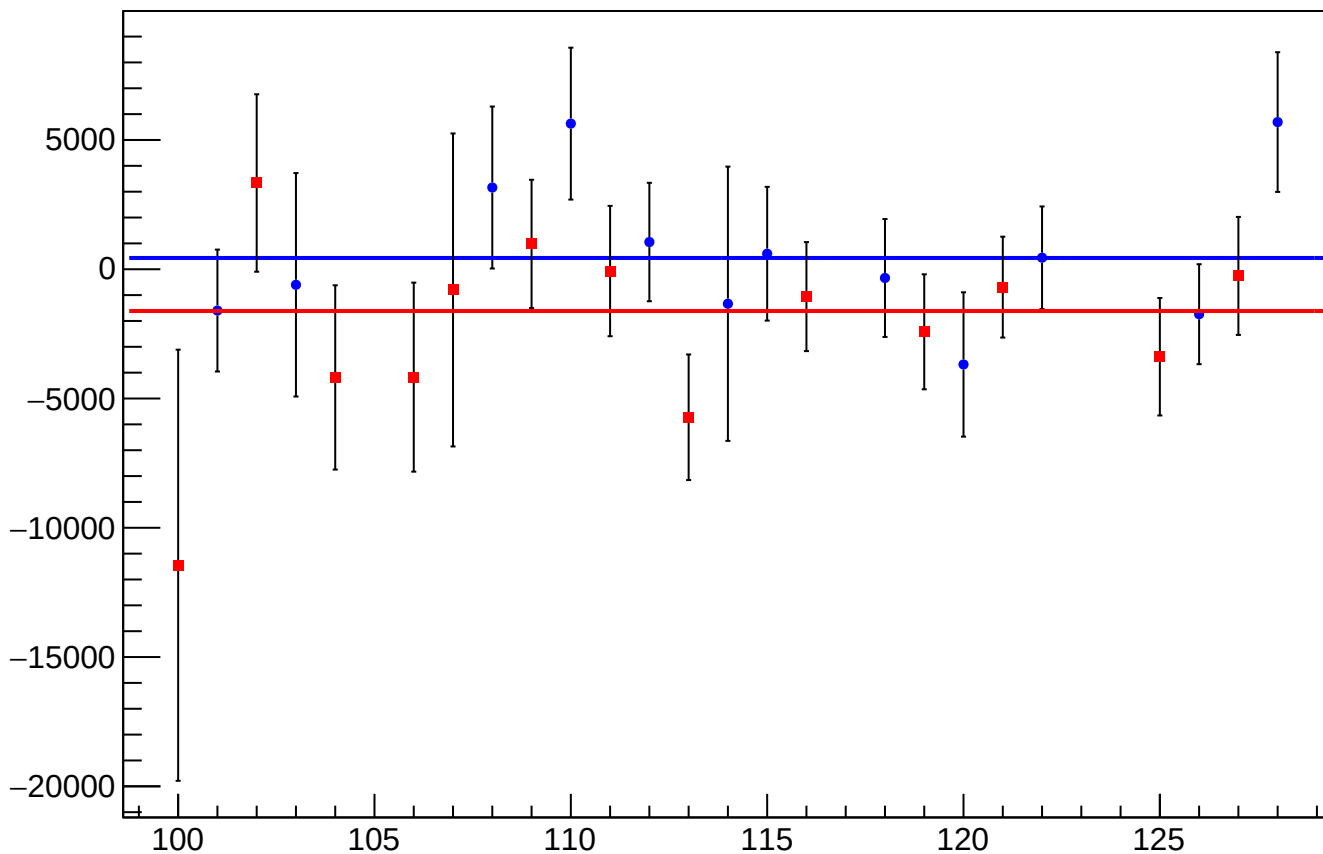
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1948.852+/-0.441 χ^2/NDF : 862244.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_mean vs Slug



Right In: 436.849+/-744.091 χ^2/NDF : 12.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1615.647+/-736.201 χ^2/NDF : 10.2/12

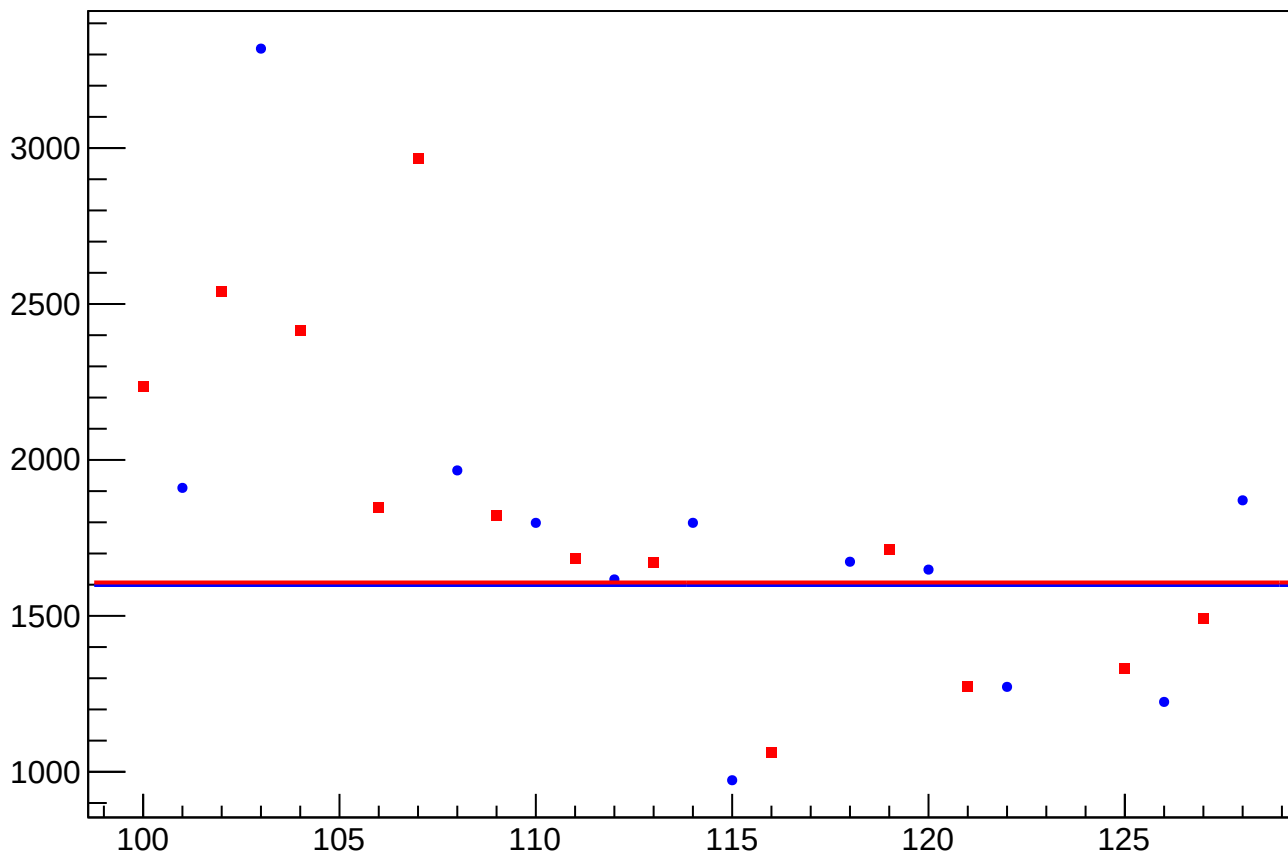
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -600.338+/-523.340 χ^2/NDF : 26.3/24

- 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: 1599.089+/-0.526 χ^2/NDF : 660867.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1607.047+/-0.521 χ^2/NDF : 619980.8/12

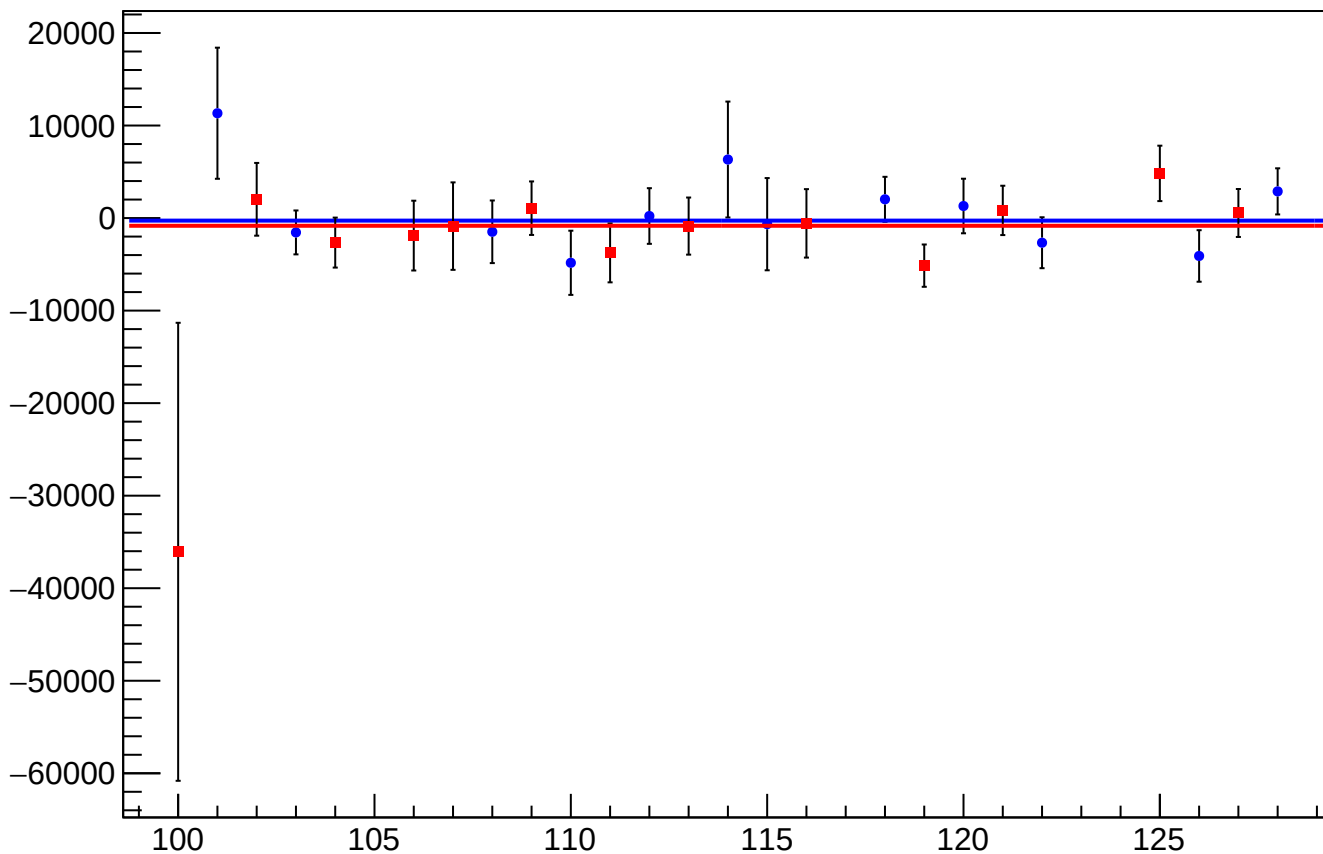
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1603.110+/-0.370 χ^2/NDF : 1280963.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -275.300+/-894.113 χ^2 /NDF: 11.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -832.255+/-874.445 χ^2 /NDF: 12.2/12

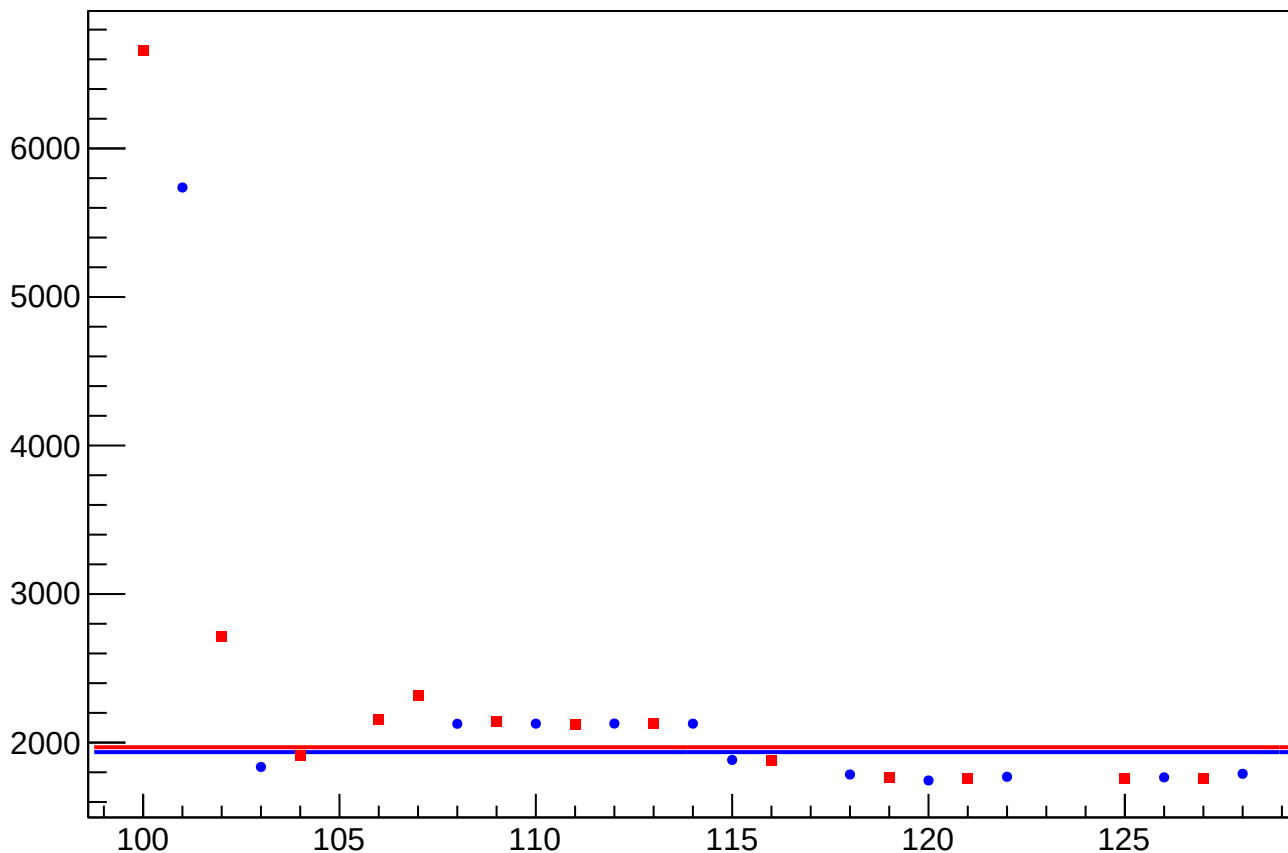
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -559.971+/-625.164 χ^2 /NDF: 23.8/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 1935.688+/-0.632 χ^2/NDF : 639706.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1968.658+/-0.618 χ^2/NDF : 229709.1/12

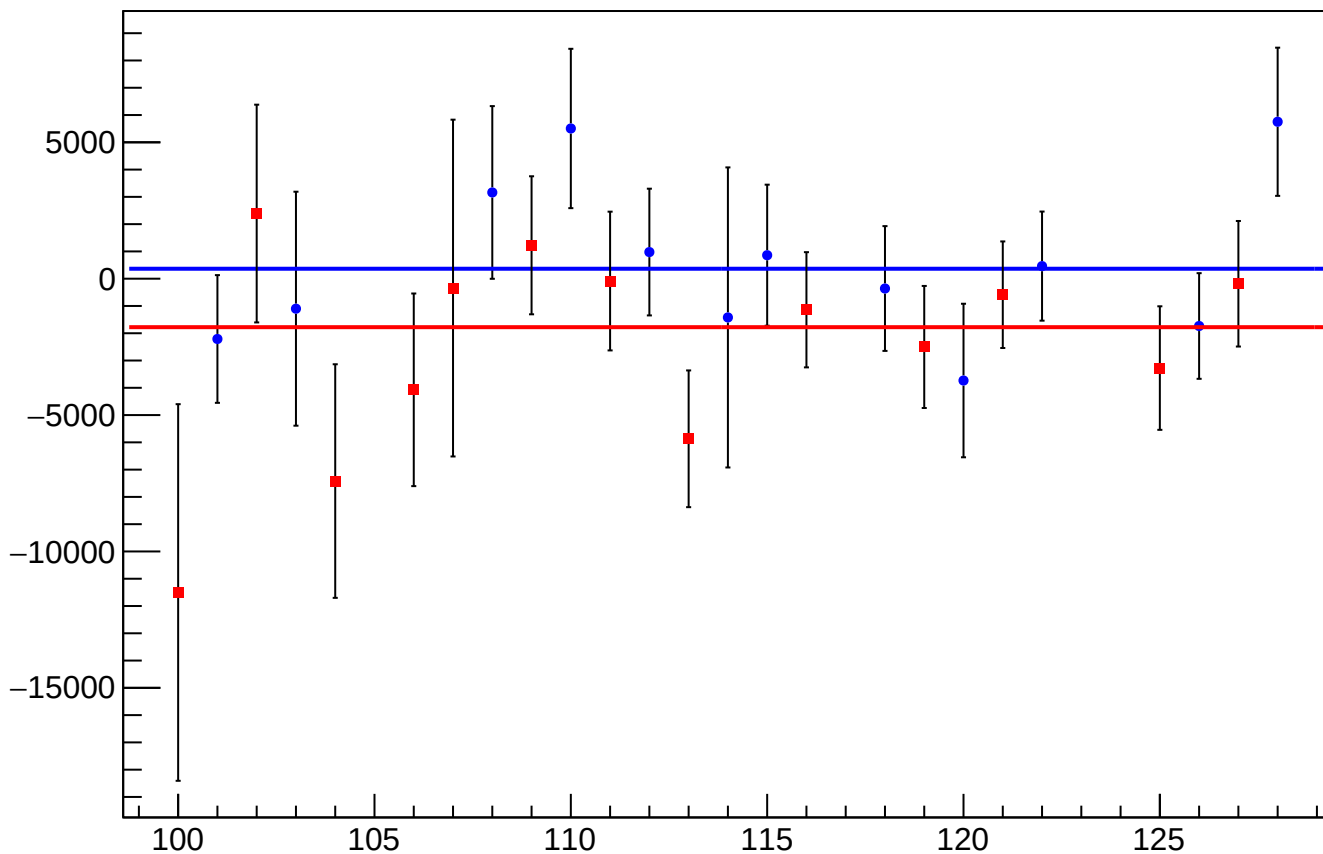
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1952.540+/-0.442 χ^2/NDF : 870805.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_dit_correction_mean vs Slug



Right In: 364.833+/-747.162 χ^2/NDF : 12.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1777.396+/-748.596 χ^2/NDF : 11.3/12

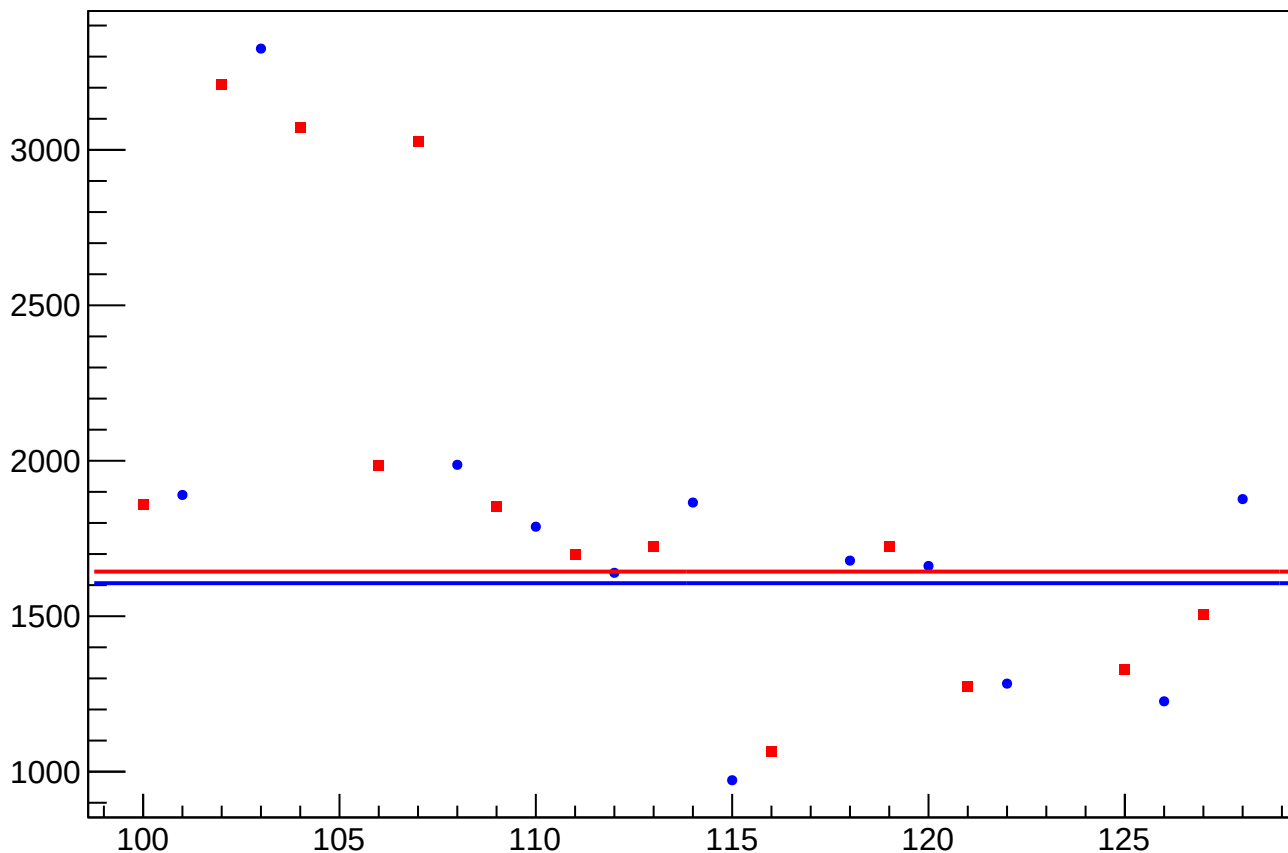
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -704.227+/-528.829 χ^2/NDF : 28.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_dit_correction_rms vs Slug



Right In: 1606.211+/-0.528 χ^2/NDF : 664378.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1643.553+/-0.529 χ^2/NDF : 938265.0/12

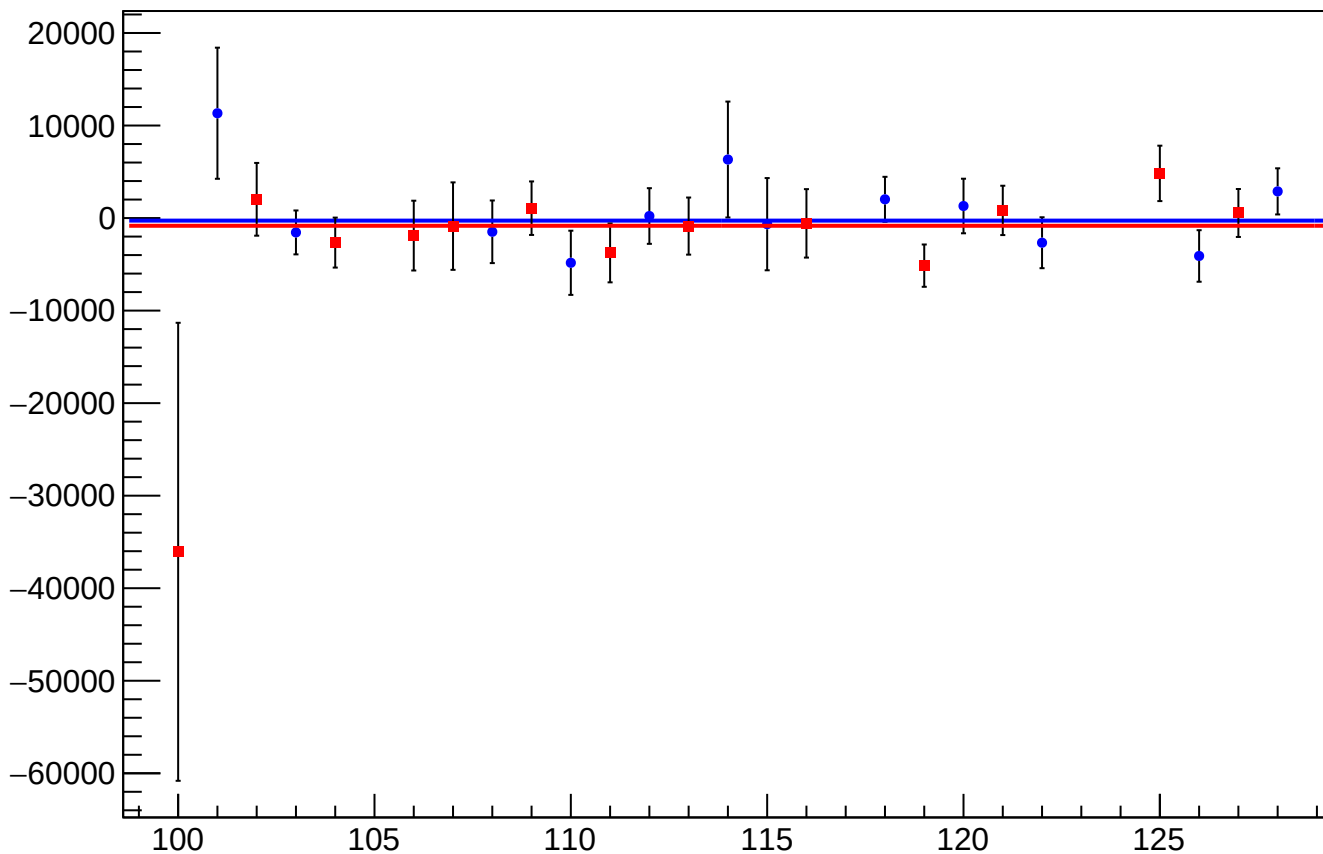
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1624.846+/-0.374 χ^2/NDF : 1605136.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -275.301+/-894.113 χ^2 /NDF: 11.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -832.255+/-874.445 χ^2 /NDF: 12.2/12

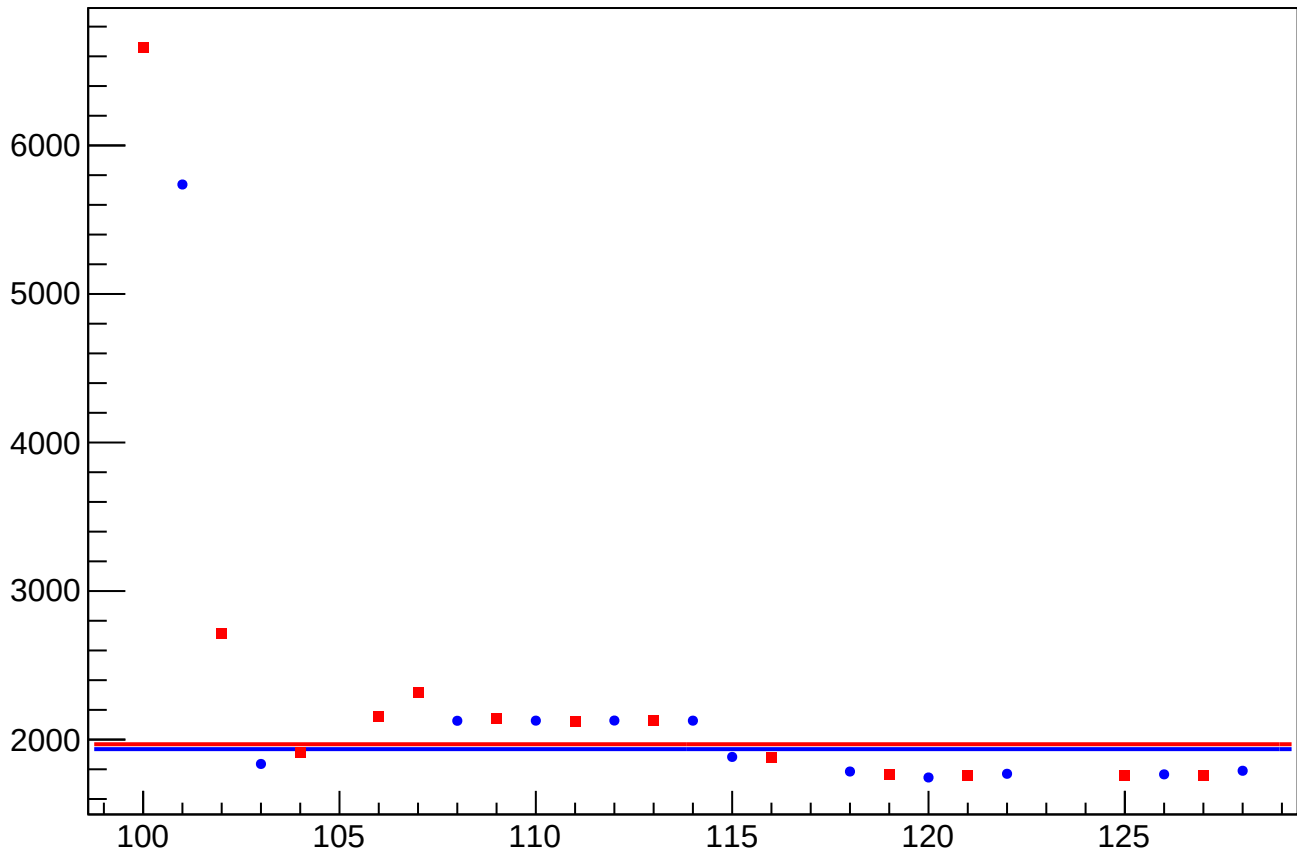
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -559.971+/-625.164 χ^2 /NDF: 23.8/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 1935.688 $\pm$ 0.632 χ^2 /NDF: 639706.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1968.658 $\pm$ 0.618 χ^2 /NDF: 229709.0/12

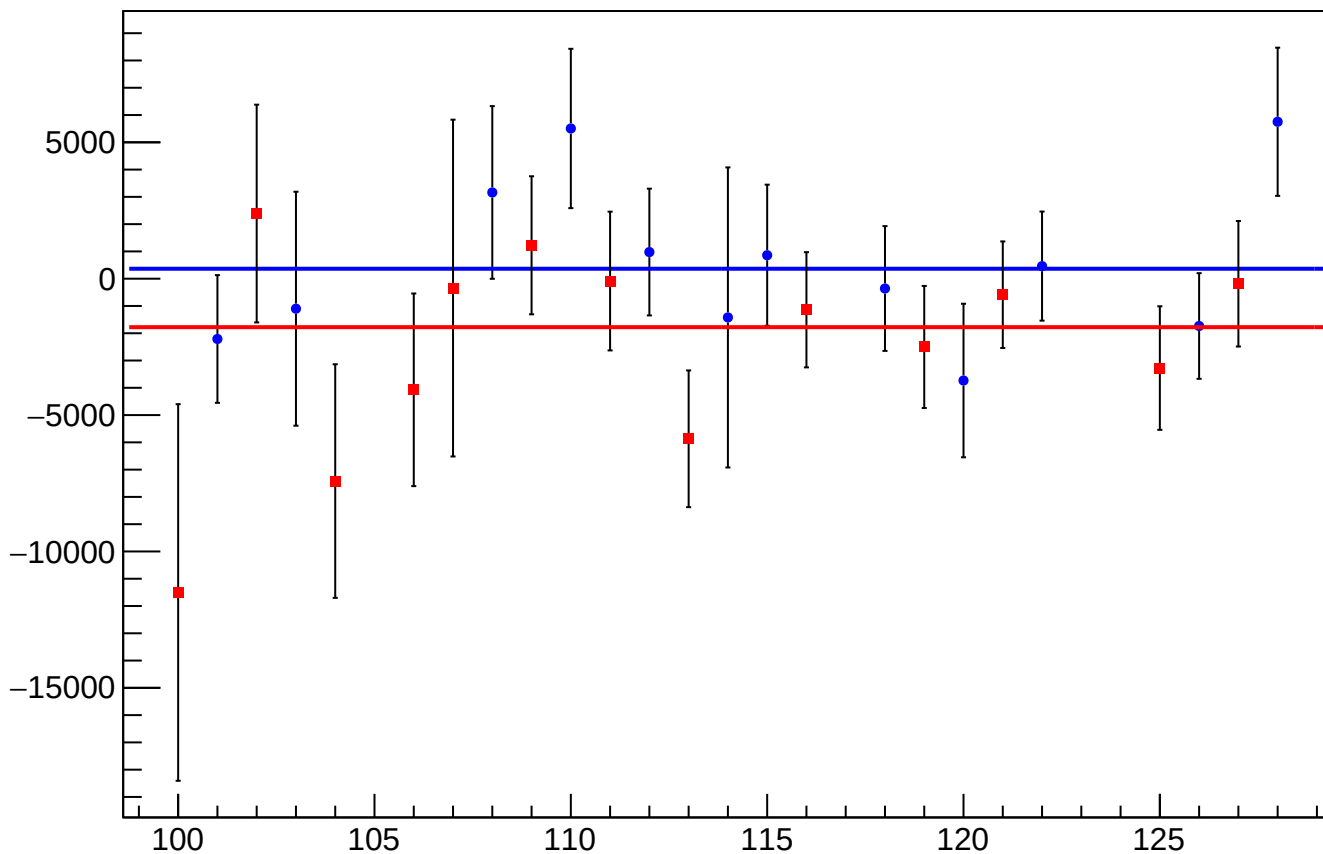
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1952.540 $\pm$ 0.442 χ^2 /NDF: 870805.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_mean vs Slug



Right In: 364.834+/-747.160 χ^2/NDF : 12.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1777.393+/-748.595 χ^2/NDF : 11.3/12

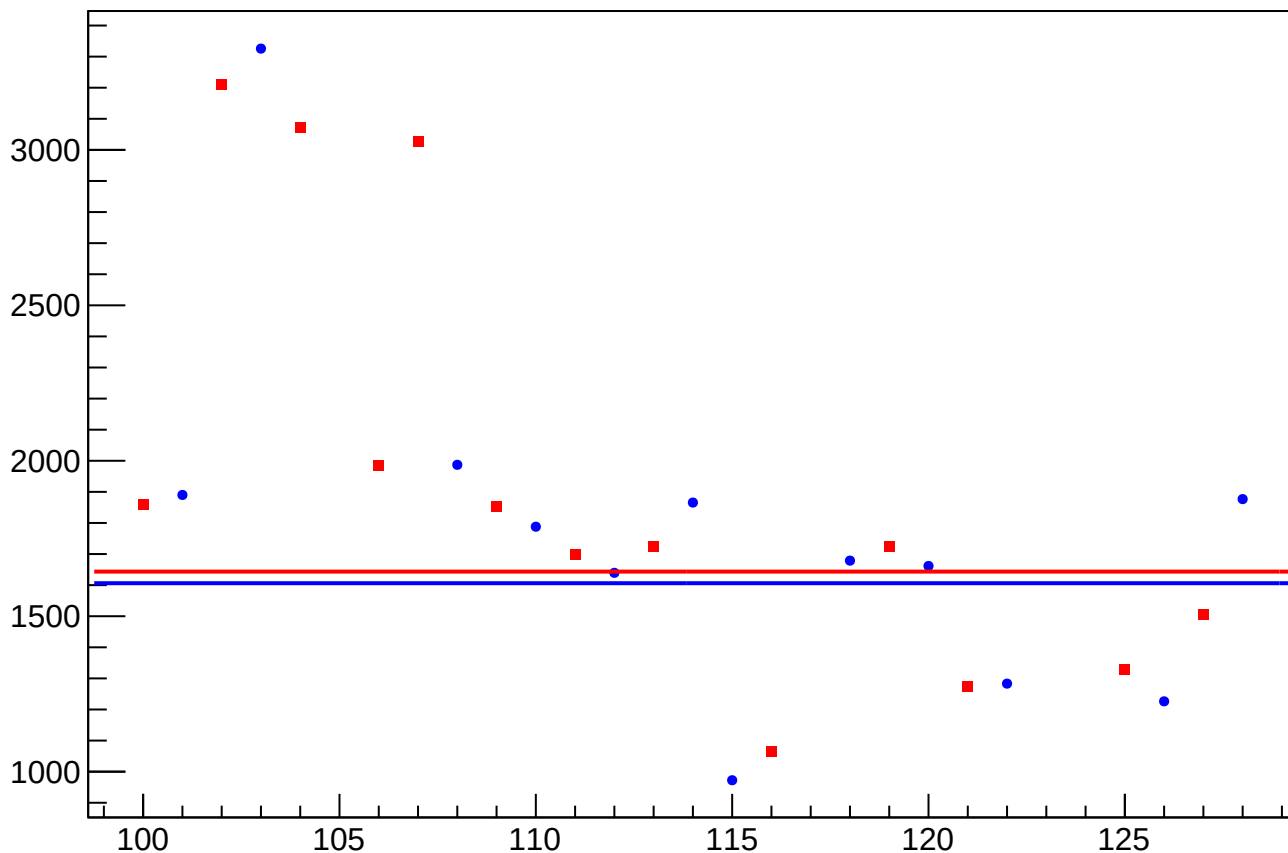
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -704.224+/-528.828 χ^2/NDF : 28.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_rms vs Slug



Right In: 1606.207+/-0.528 χ^2/NDF : 664380.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1643.550+/-0.529 χ^2/NDF : 938270.2/12

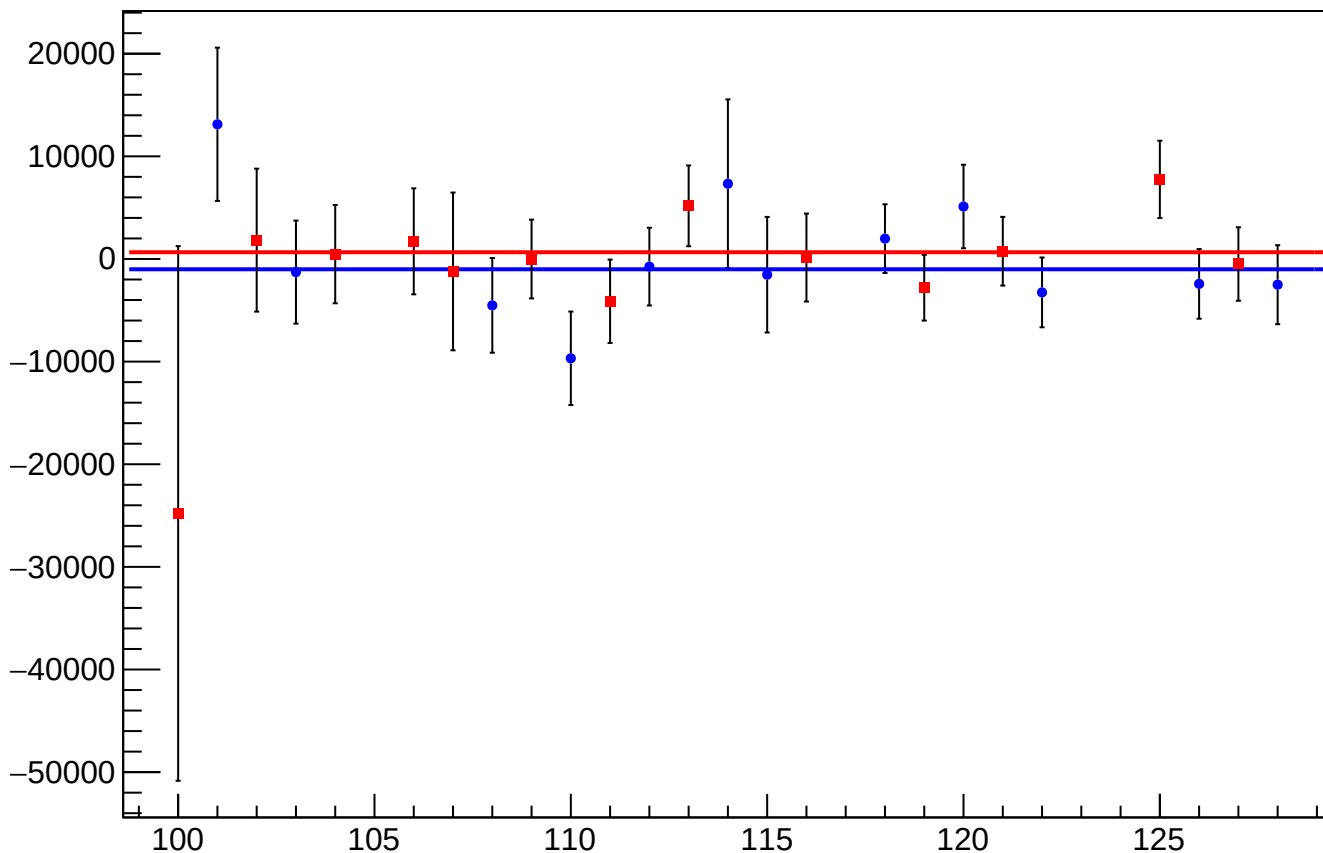
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1624.843+/-0.374 χ^2/NDF : 1605143.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -1003.941+/-1231.505 χ^2 /NDF: 12.7/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 654.811+/-1192.600 χ^2 /NDF: 8.7/12

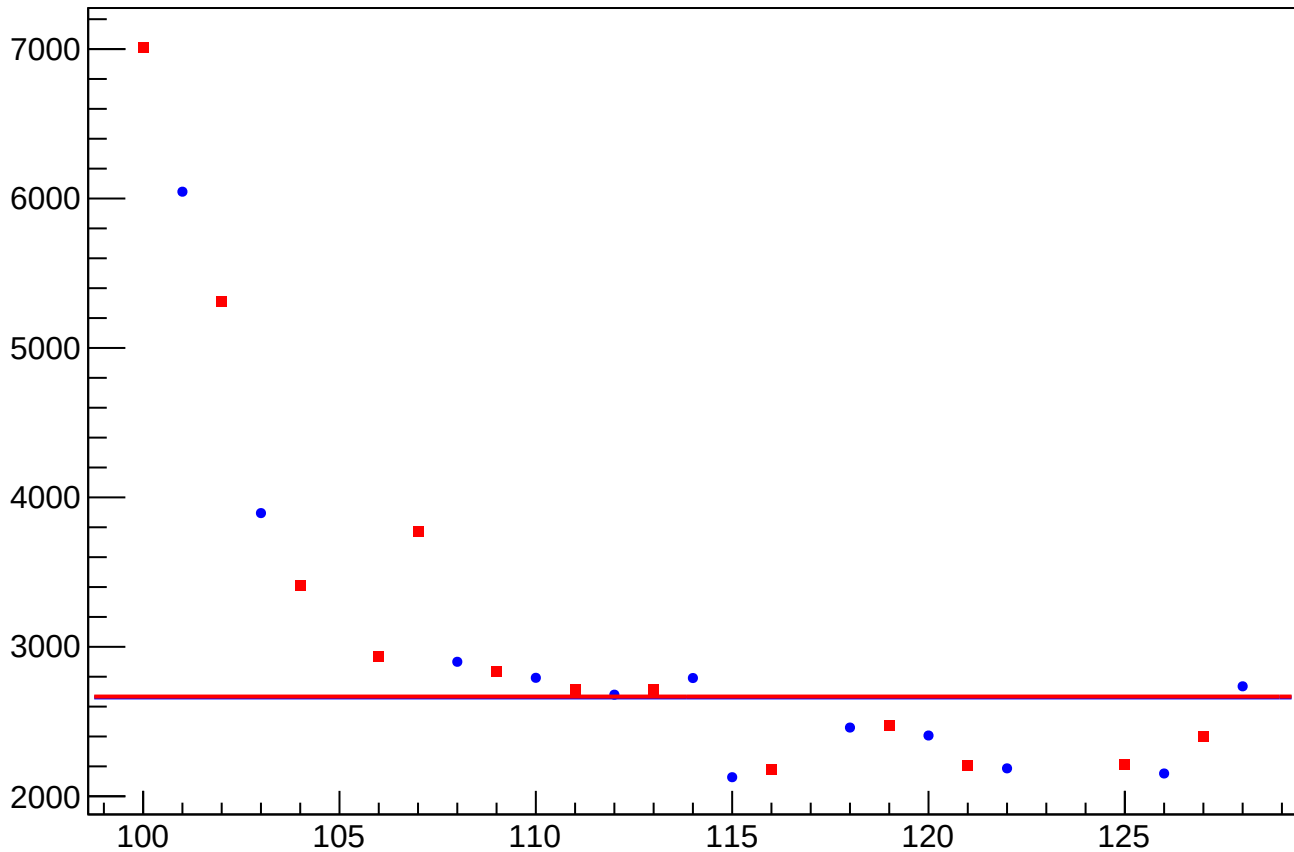
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -147.951+/-856.720 χ^2 /NDF: 22.2/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 2661.321+/-0.871 χ^2/NDF : 657045.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

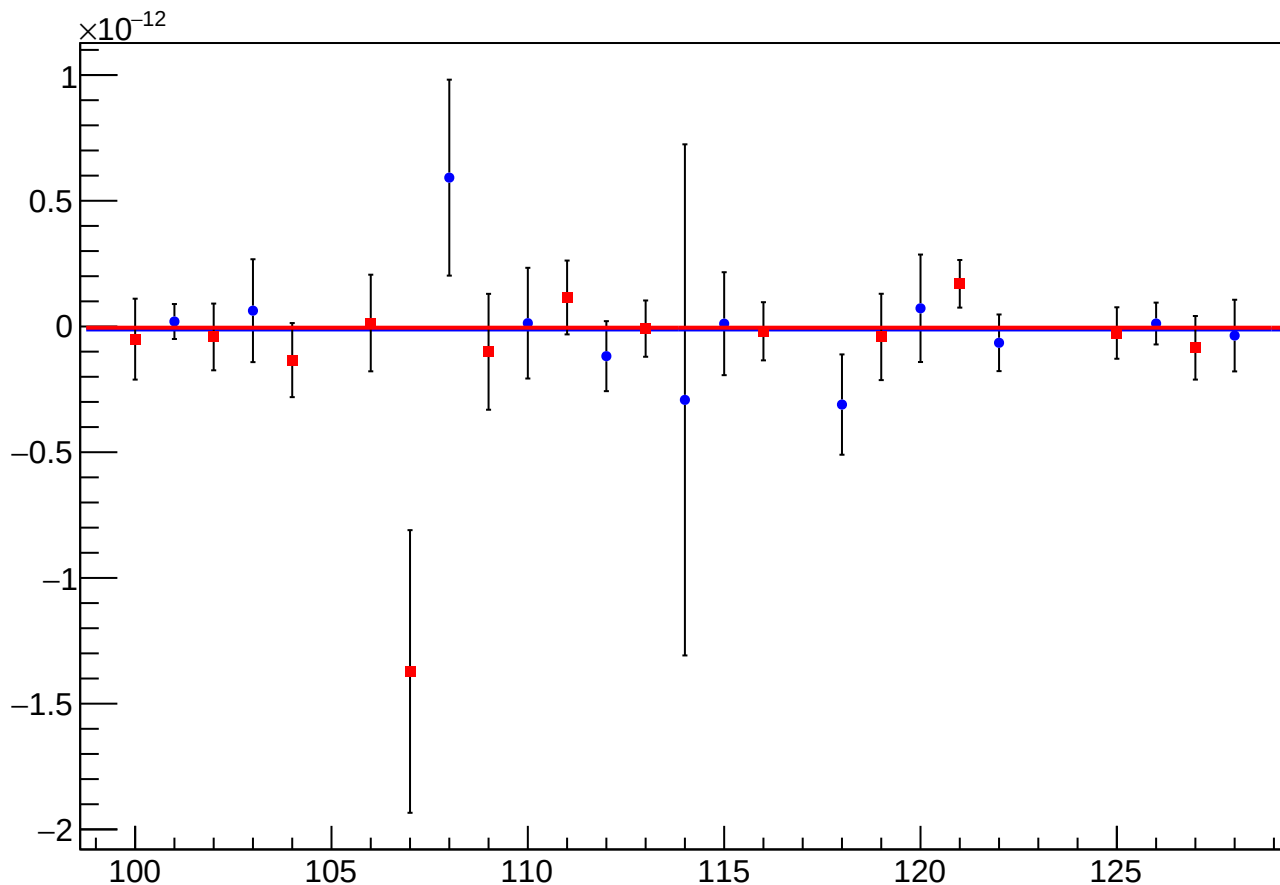
Right Out: 2667.281+/-0.843 χ^2/NDF : 554734.0/12

All: 2664.396+/-0.606 χ^2/NDF : 1211803.8/24

- 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_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.6/12

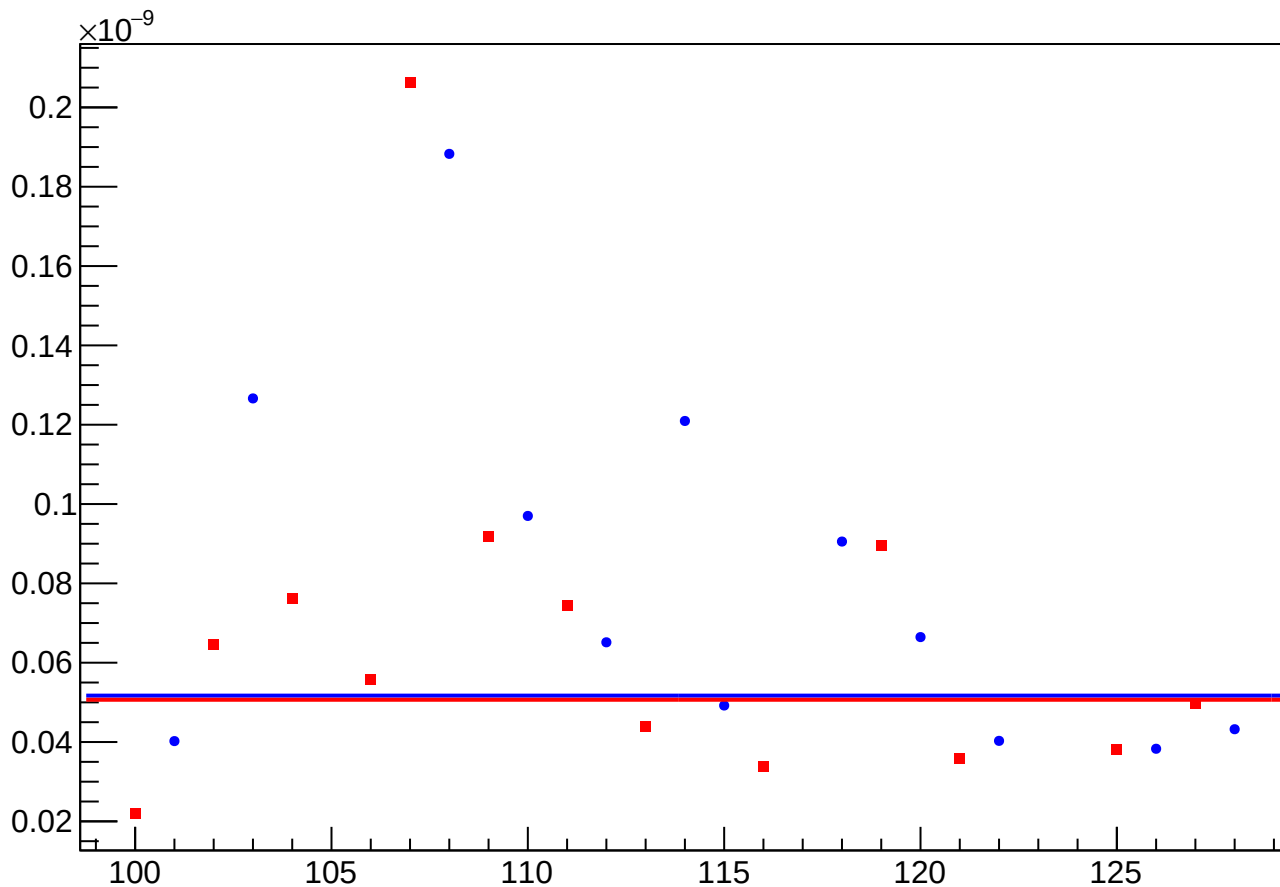
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 17.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 846177.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 646859.9/12

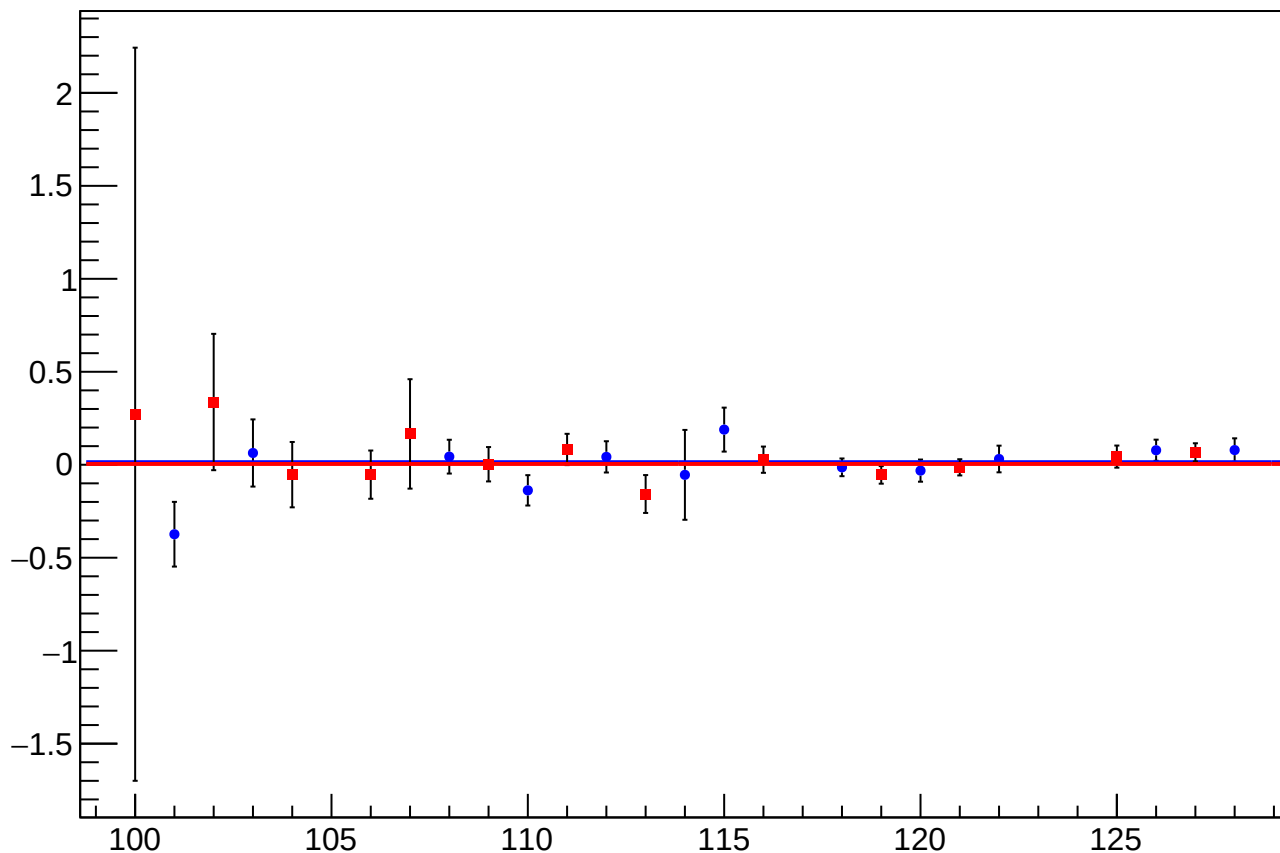
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1493767.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.014 $\pm$ 0.022 χ^2 /NDF: 14.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.021 χ^2 /NDF: 8.7/12

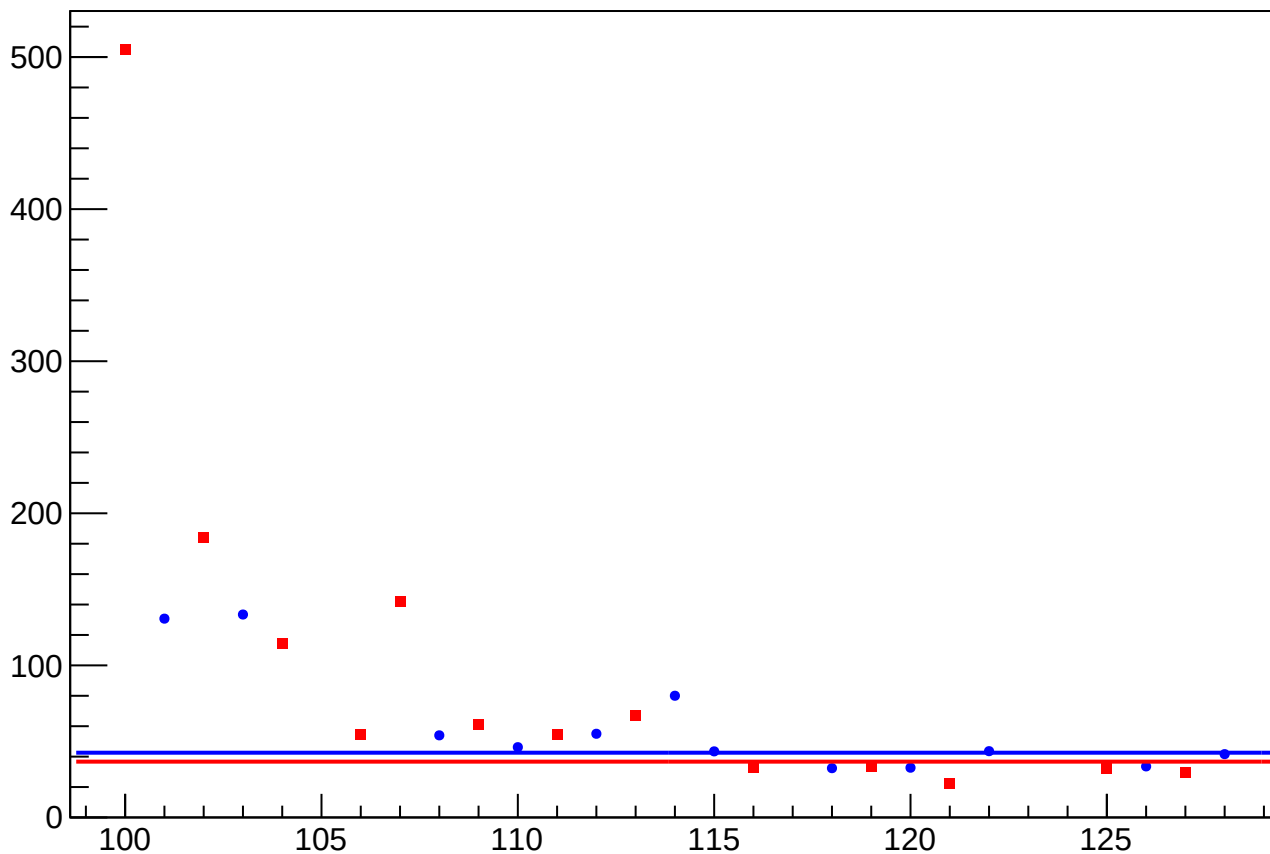
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.015 χ^2 /NDF: 23.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_rms vs Slug



Right In: 42.579 $\pm$ 0.016 χ^2 /NDF: 1343632.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

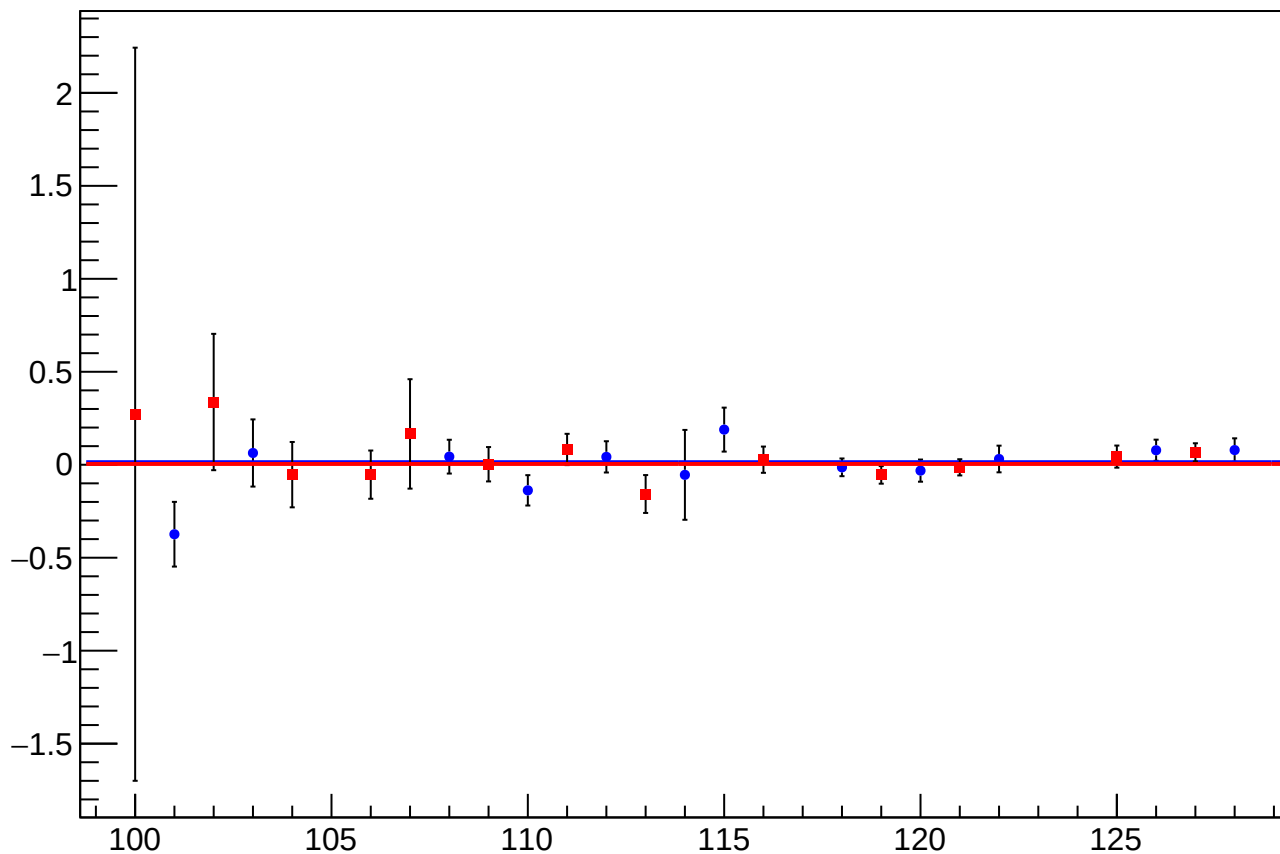
Right Out: 36.698 $\pm$ 0.015 χ^2 /NDF: 1827211.3/12

All: 39.437 $\pm$ 0.011 χ^2 /NDF: 3246294.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.014 $\pm$ 0.022 χ^2 /NDF: 14.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.021 χ^2 /NDF: 8.7/12

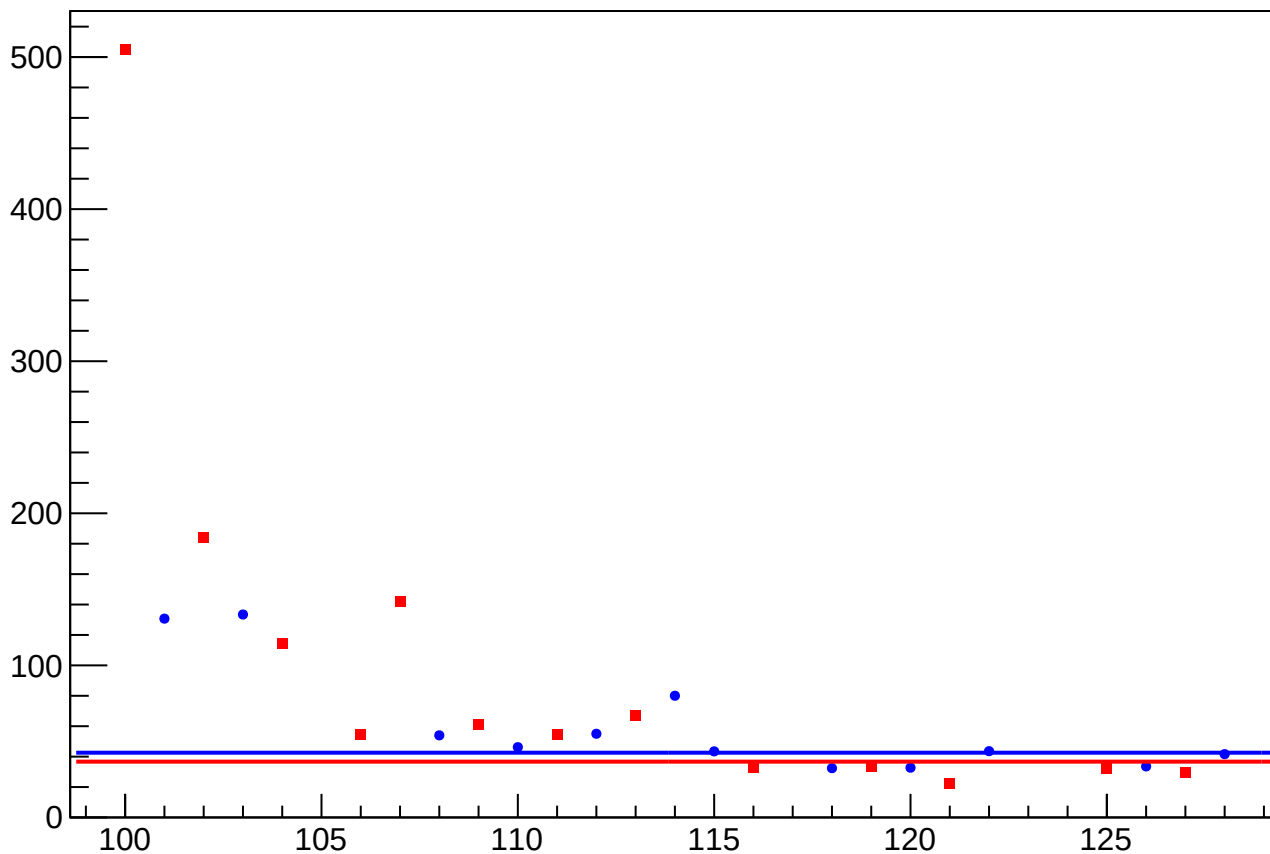
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.015 χ^2 /NDF: 23.1/24

- 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: 42.579 $\pm$ 0.016 χ^2 /NDF: 1343632.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.698 $\pm$ 0.015 χ^2 /NDF: 1827211.3/12

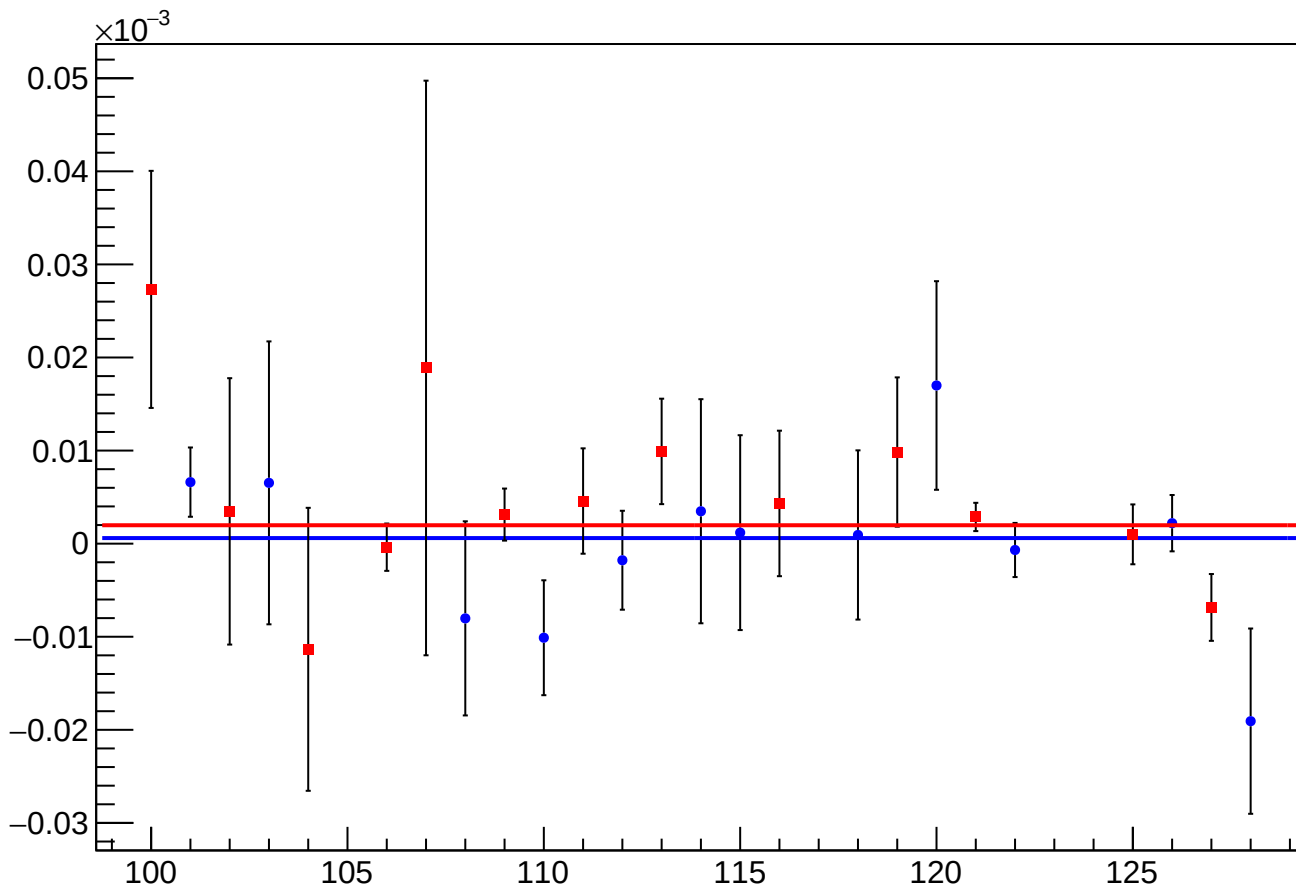
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.437 $\pm$ 0.011 χ^2 /NDF: 3246294.1/24

- sign 0.000 $\pm$ 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 ± 0.000 χ^2/NDF : 13.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 15.8/12

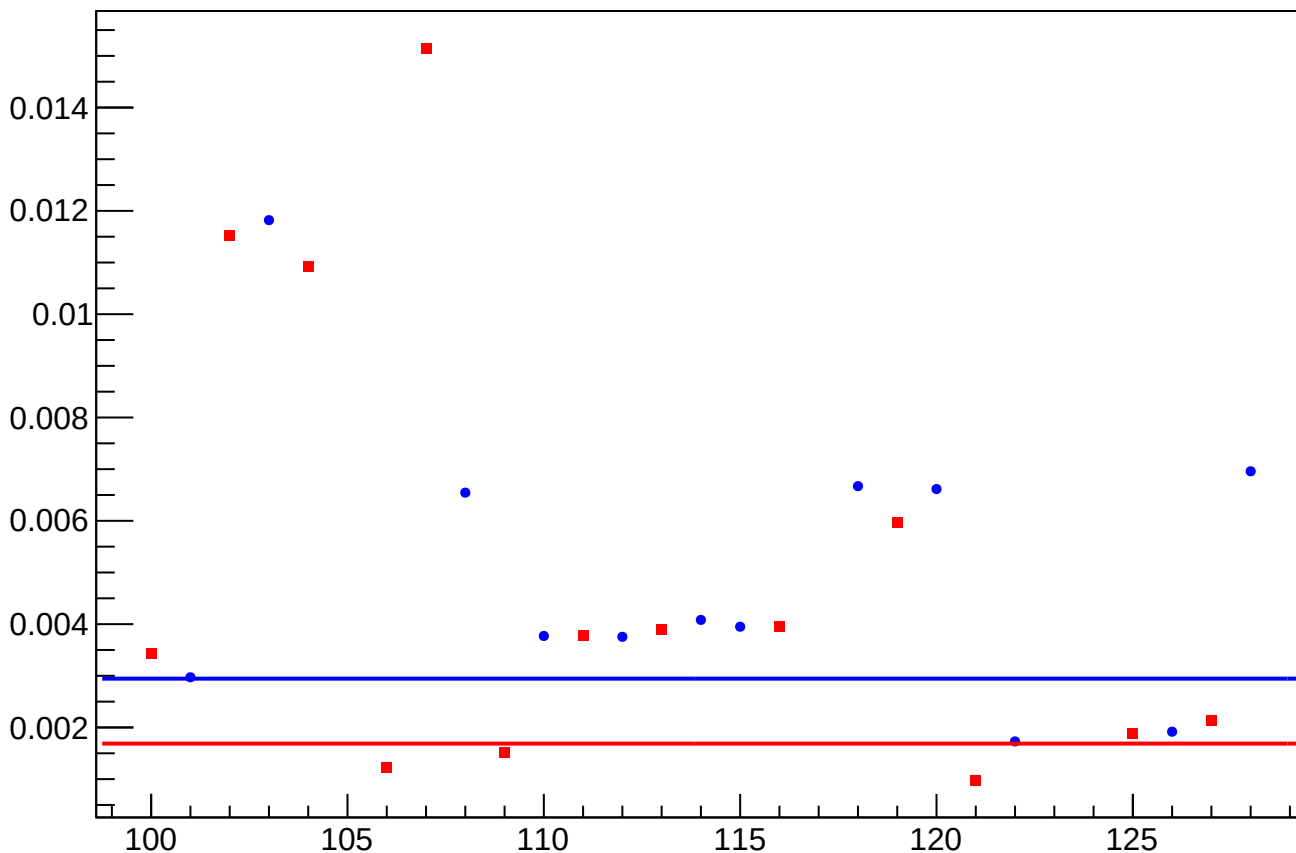
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 29.6/24

- sign 0.000 ± 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+/-0.000 χ^2/NDF : 2494848.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3974098.7/12

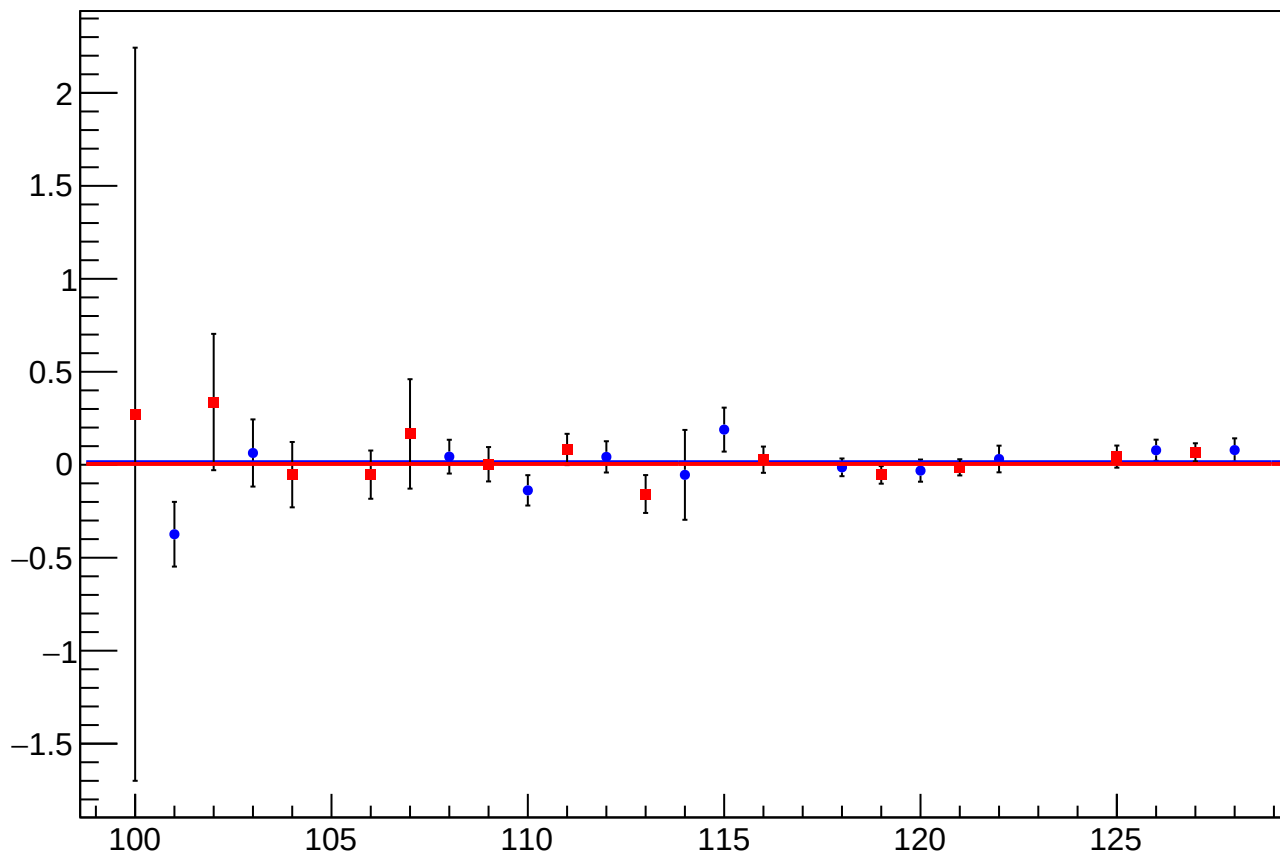
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 7405551.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.014 $\pm$ 0.022 χ^2 /NDF: 14.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.021 χ^2 /NDF: 8.7/12

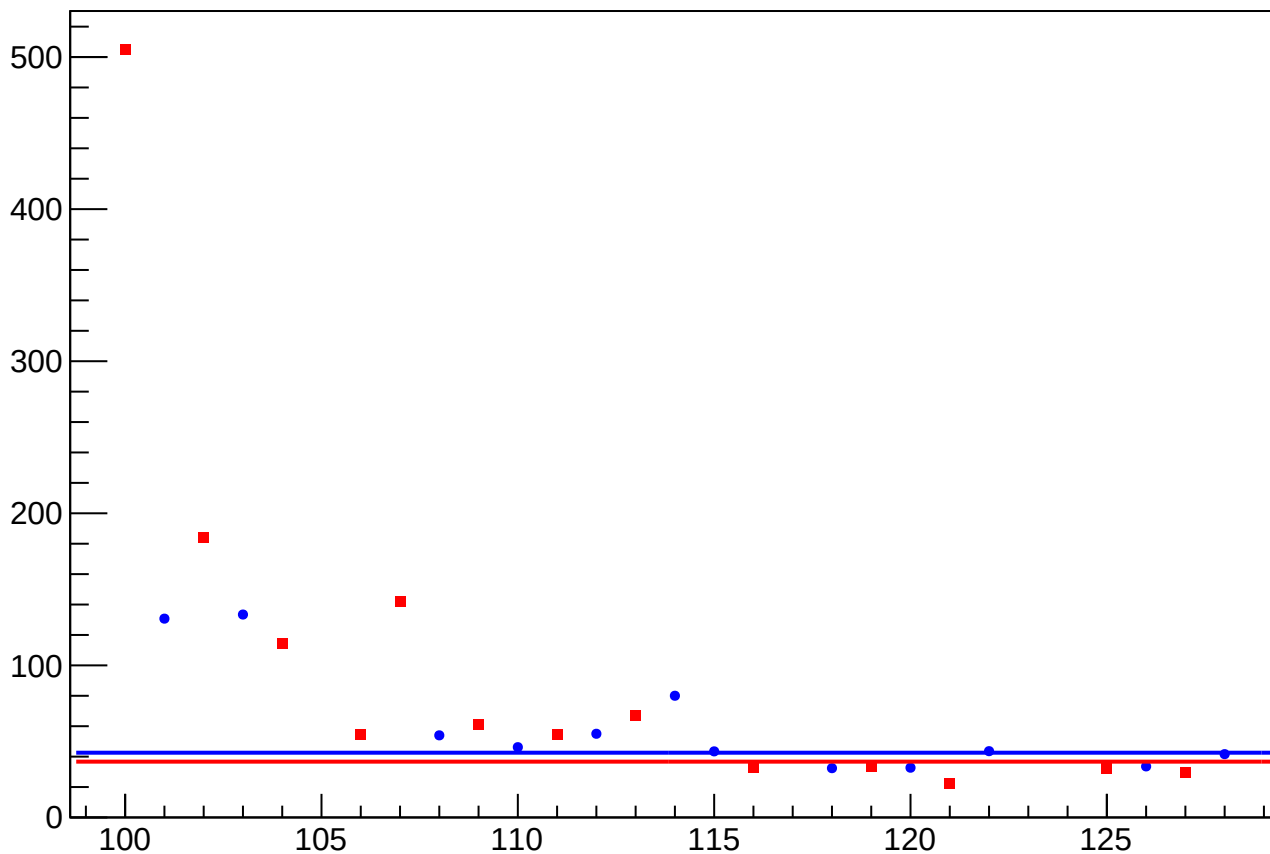
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.015 χ^2 /NDF: 23.1/24

- 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: 42.579+/-0.016 χ^2/NDF : 1343539.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.696+/-0.015 χ^2/NDF : 1827210.2/12

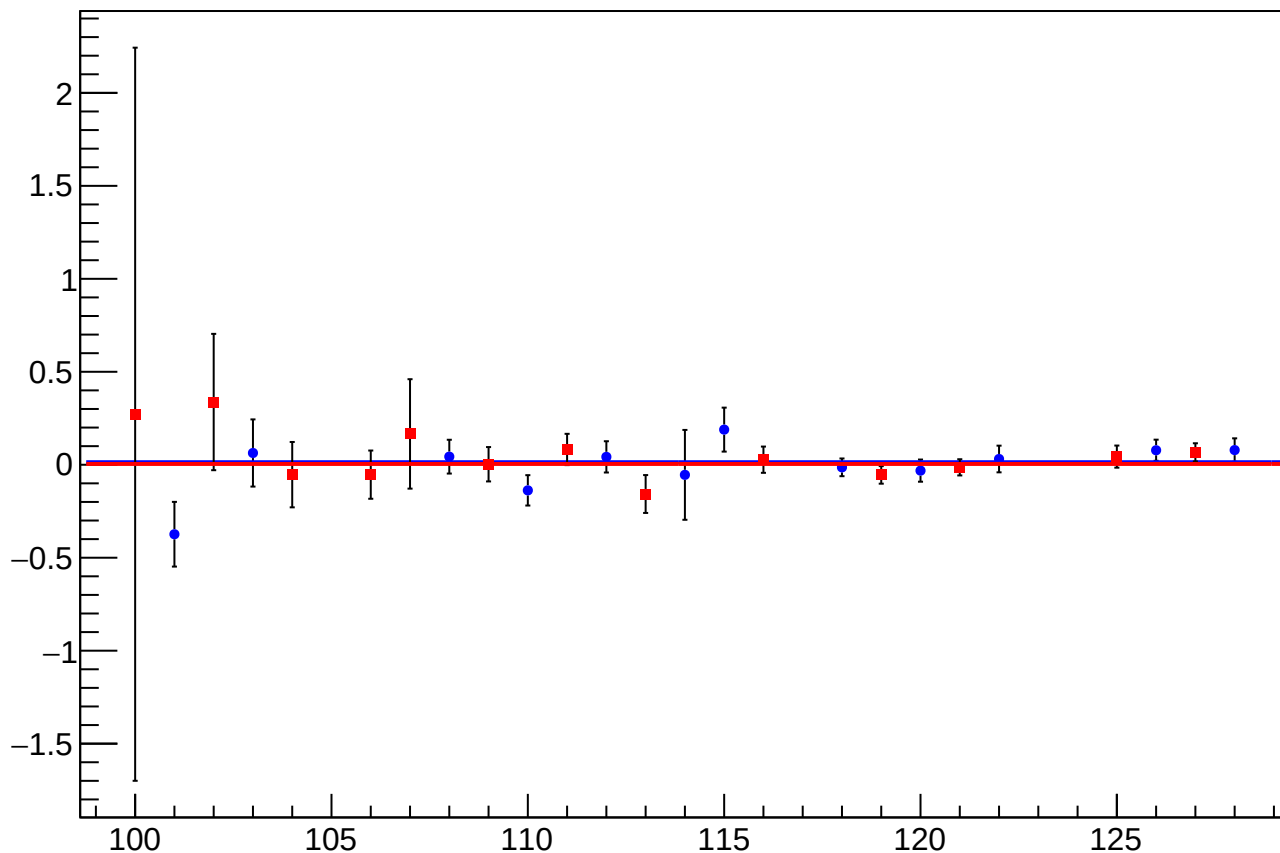
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.436+/-0.011 χ^2/NDF : 3246247.6/24

- 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: 0.014 $\pm$ 0.022 χ^2 /NDF: 14.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.021 χ^2 /NDF: 8.7/12

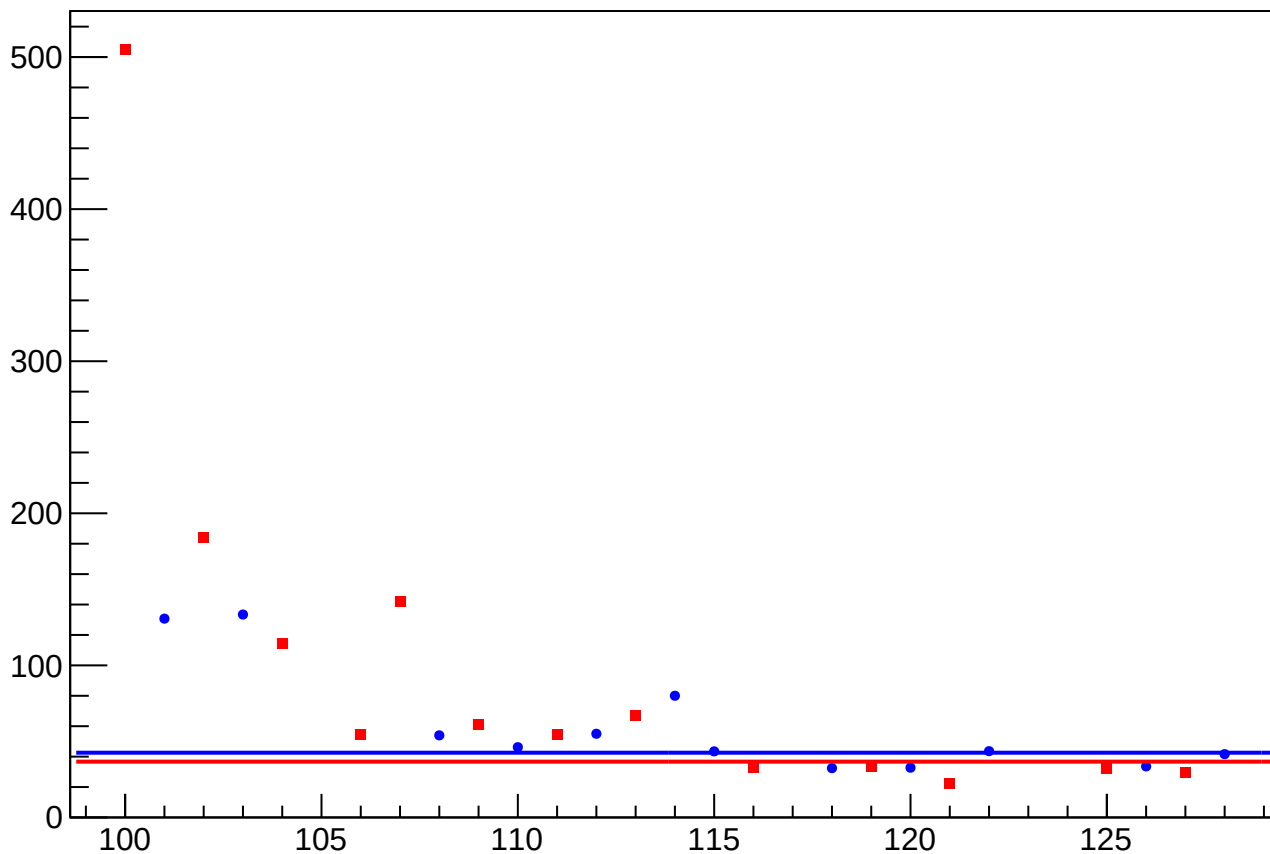
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.015 χ^2 /NDF: 23.1/24

- 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: 42.579+/-0.016 χ^2/NDF : 1343539.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.696+/-0.015 χ^2/NDF : 1827210.2/12

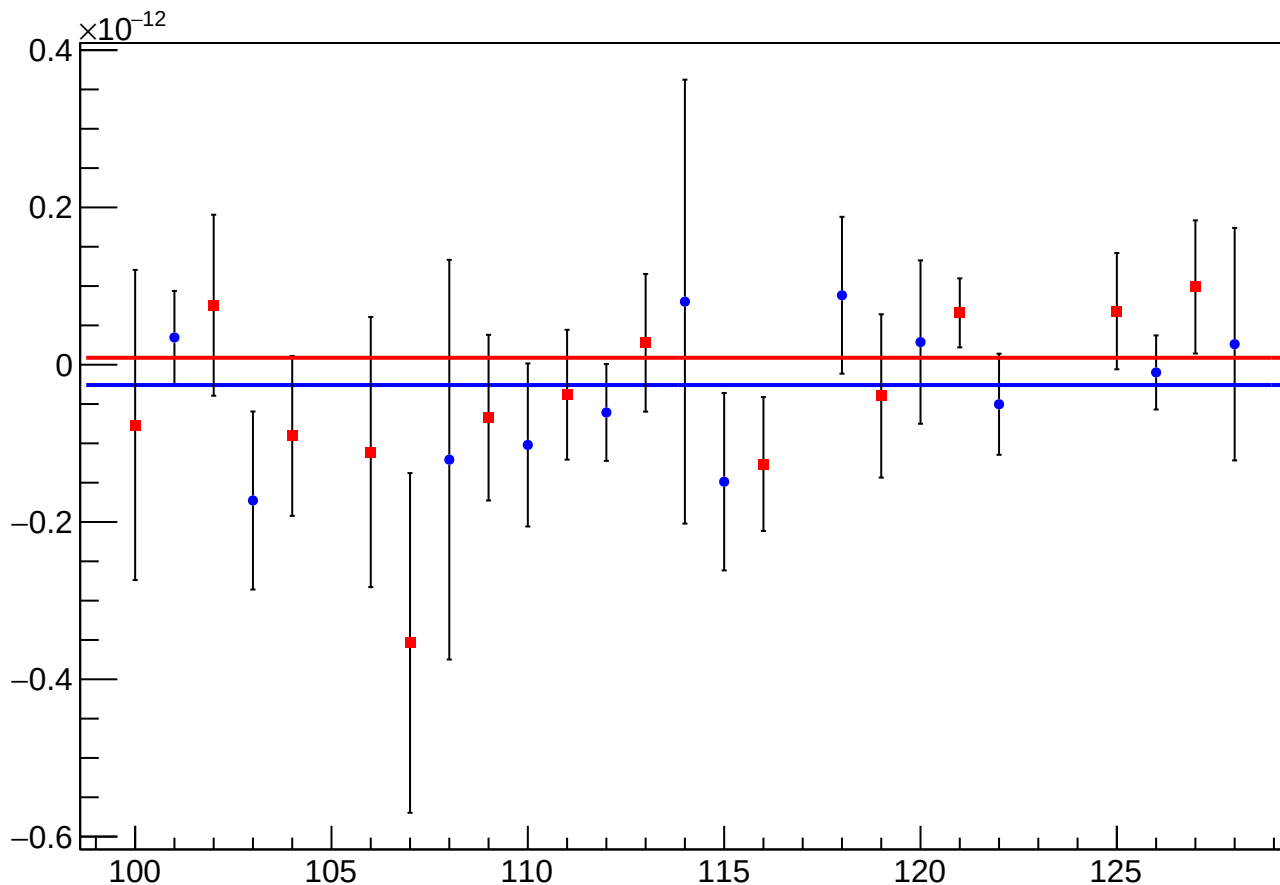
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.436+/-0.011 χ^2/NDF : 3246247.6/24

- 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: 7.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 11.9/12

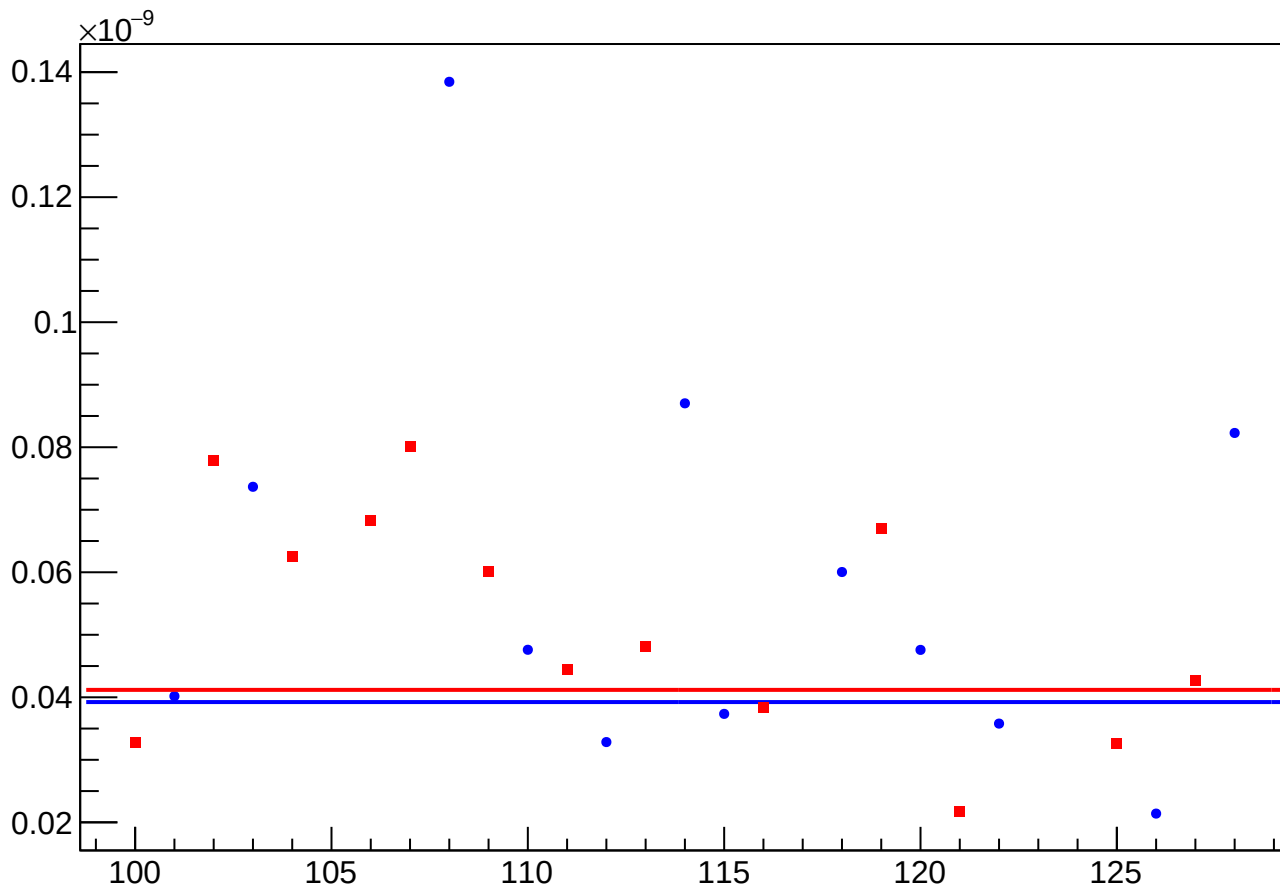
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 20.0/24

- 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 : 1145436.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1038503.7/12

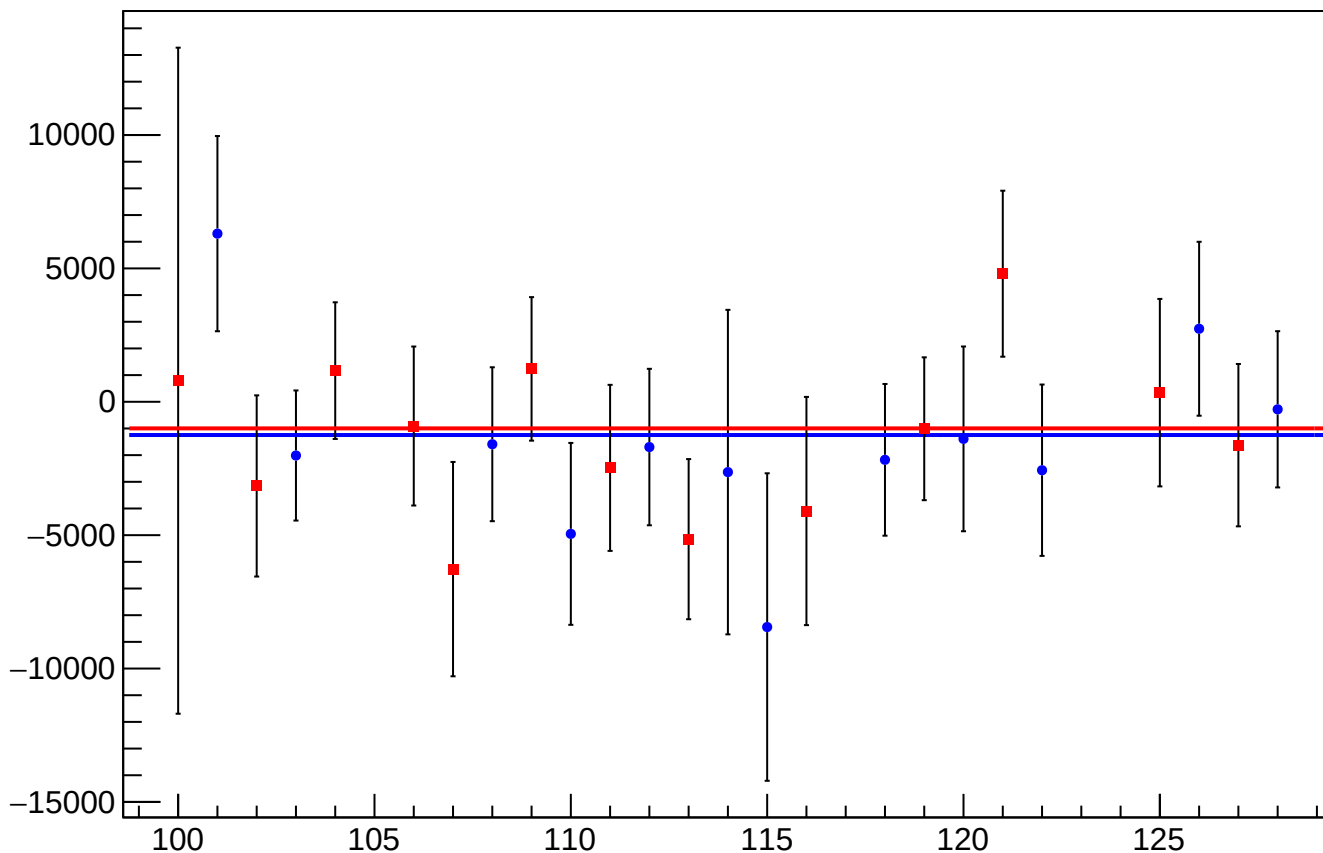
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2190500.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1245.905+/-937.787 χ^2/NDF : 9.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -996.944+/-891.295 χ^2/NDF : 9.9/12

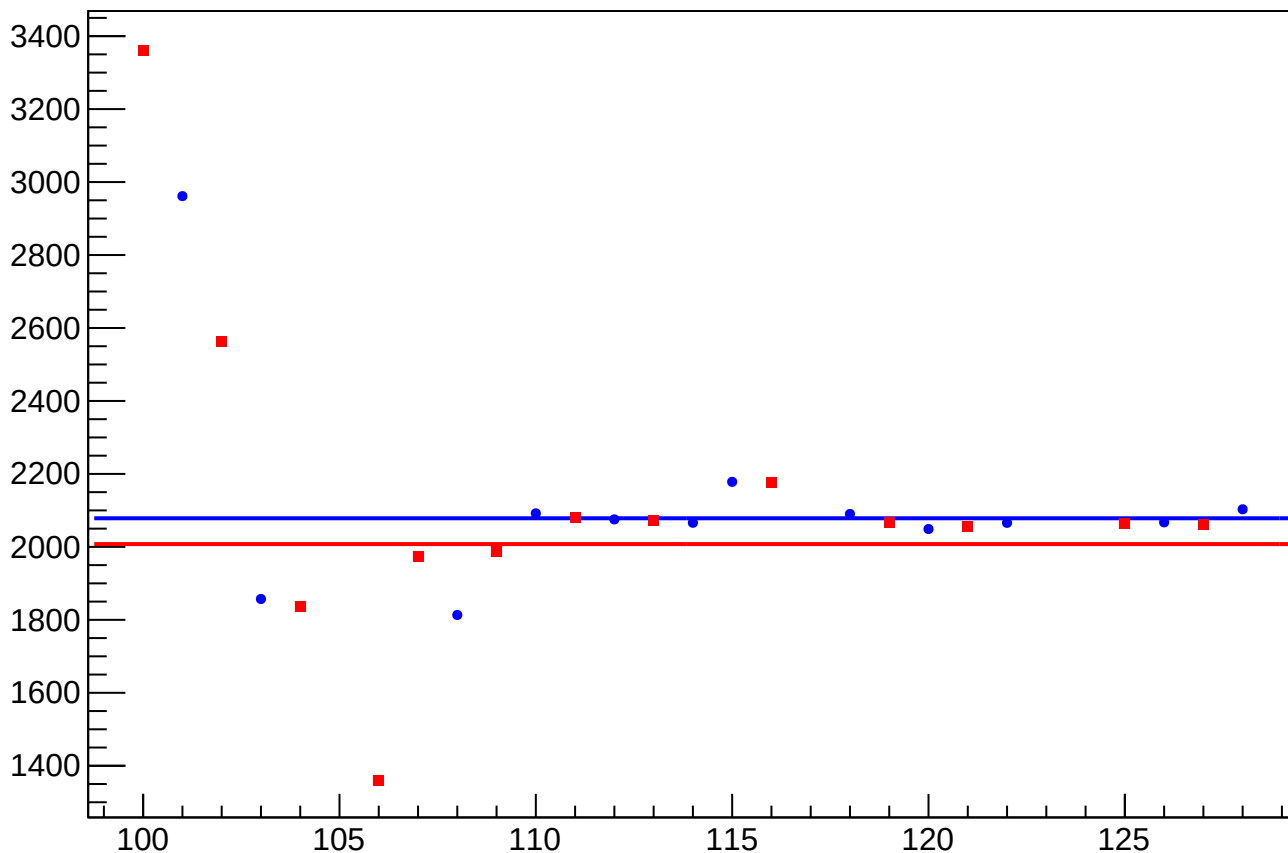
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1115.101+/-646.052 χ^2/NDF : 19.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2078.400+/-0.663 χ^2/NDF : 150815.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2007.650+/-0.630 χ^2/NDF : 187920.5/12

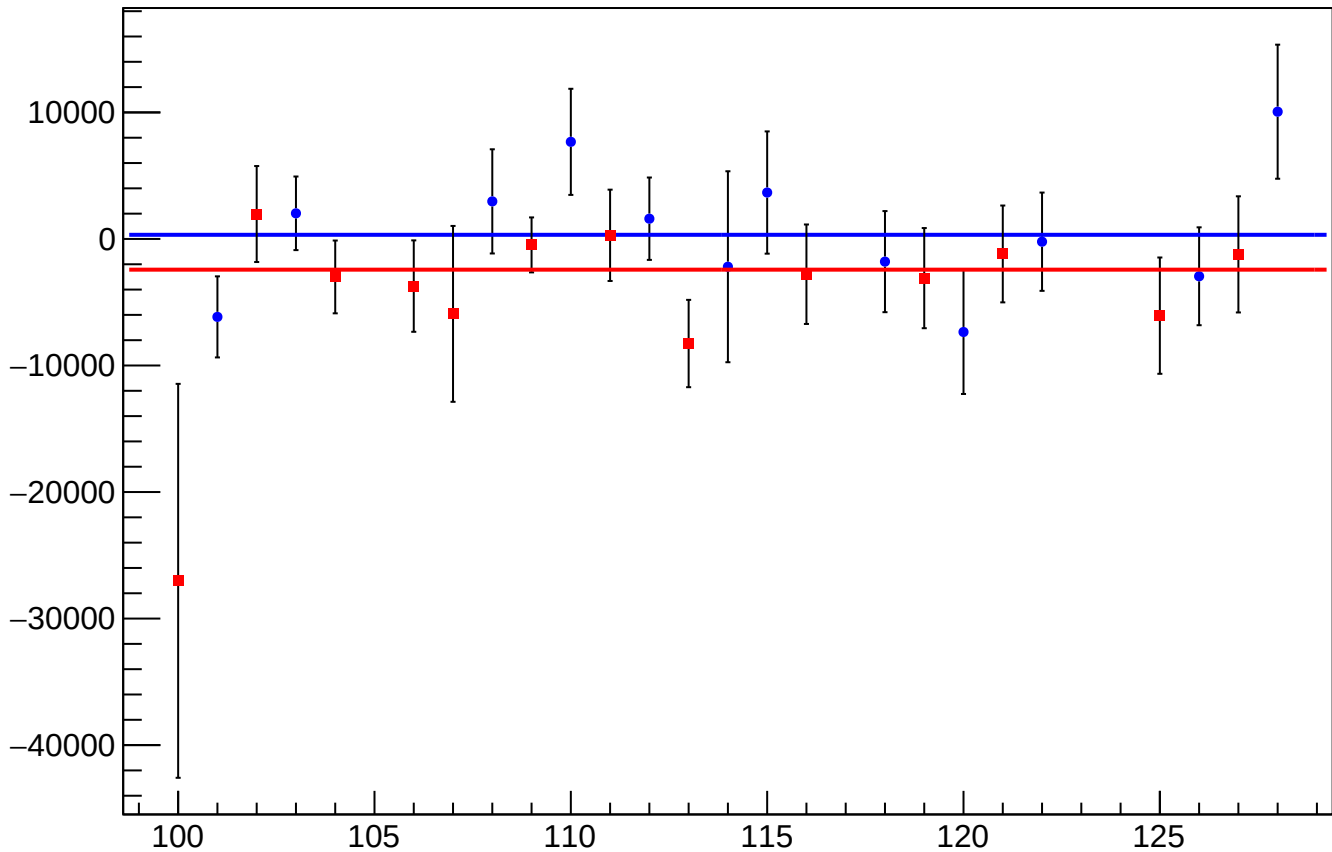
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2041.227+/-0.457 χ^2/NDF : 344717.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_reg_correction_mean vs Slug



Right In: 328.234+/-1147.482 χ^2/NDF : 15.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2426.458+/-1022.603 χ^2/NDF : 9.3/12

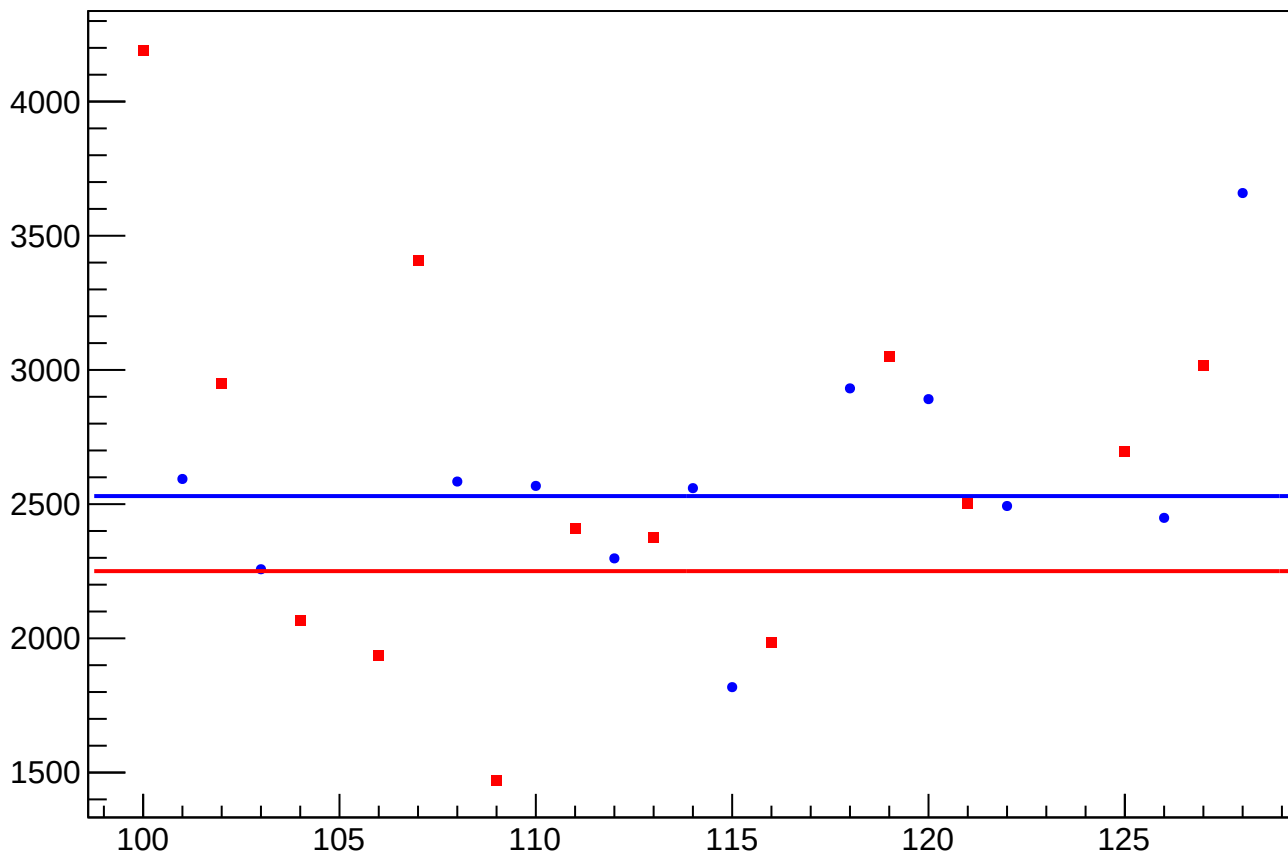
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1207.110+/-763.437 χ^2/NDF : 28.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_reg_correction_rms vs Slug



Right In: 2530.065+/-0.811 χ^2 /NDF: 195459.9/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2250.454+/-0.723 χ^2 /NDF: 616042.7/12

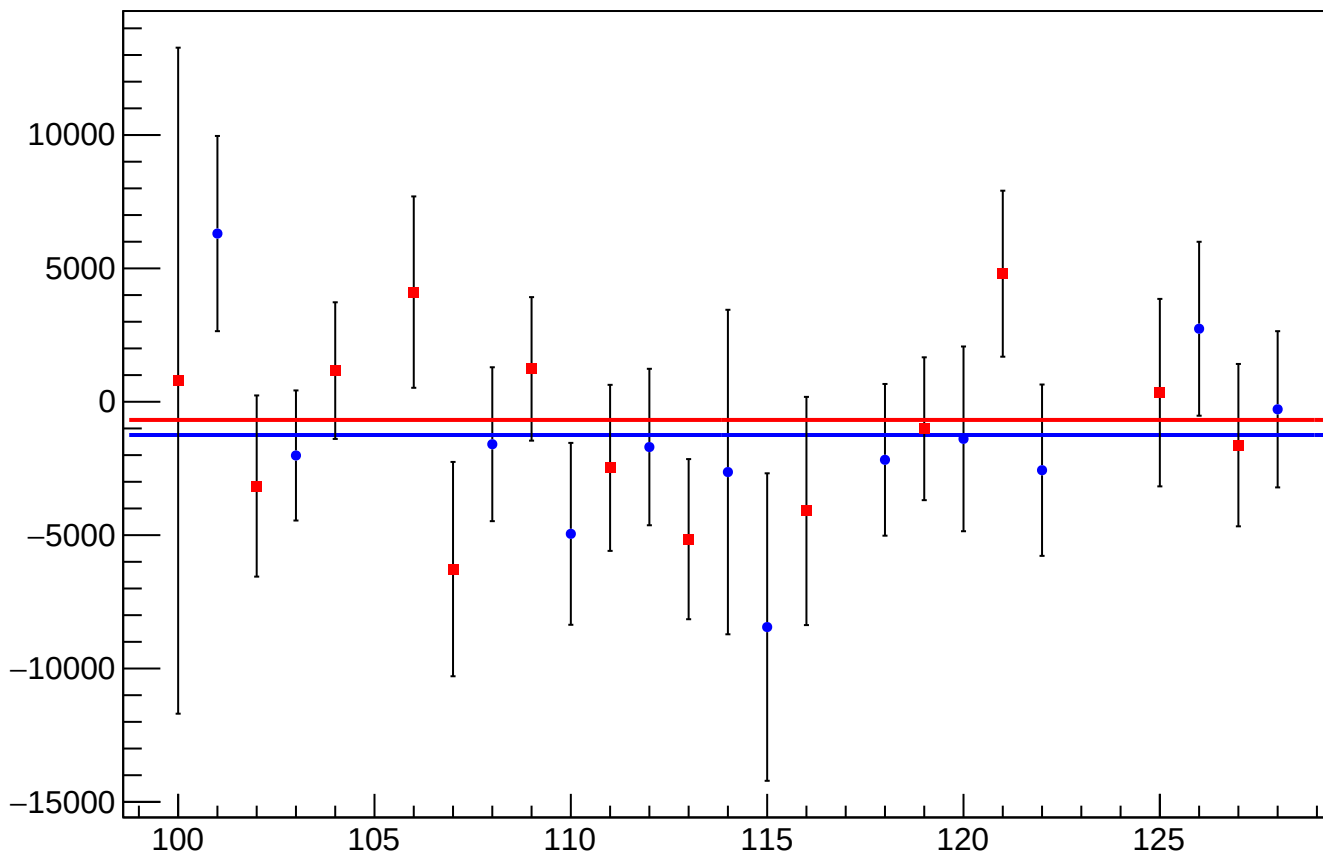
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 2374.222+/-0.540 χ^2 /NDF: 877690.6/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1245.720+/-937.788 χ^2/NDF : 9.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -681.125+/-903.914 χ^2/NDF : 11.8/12

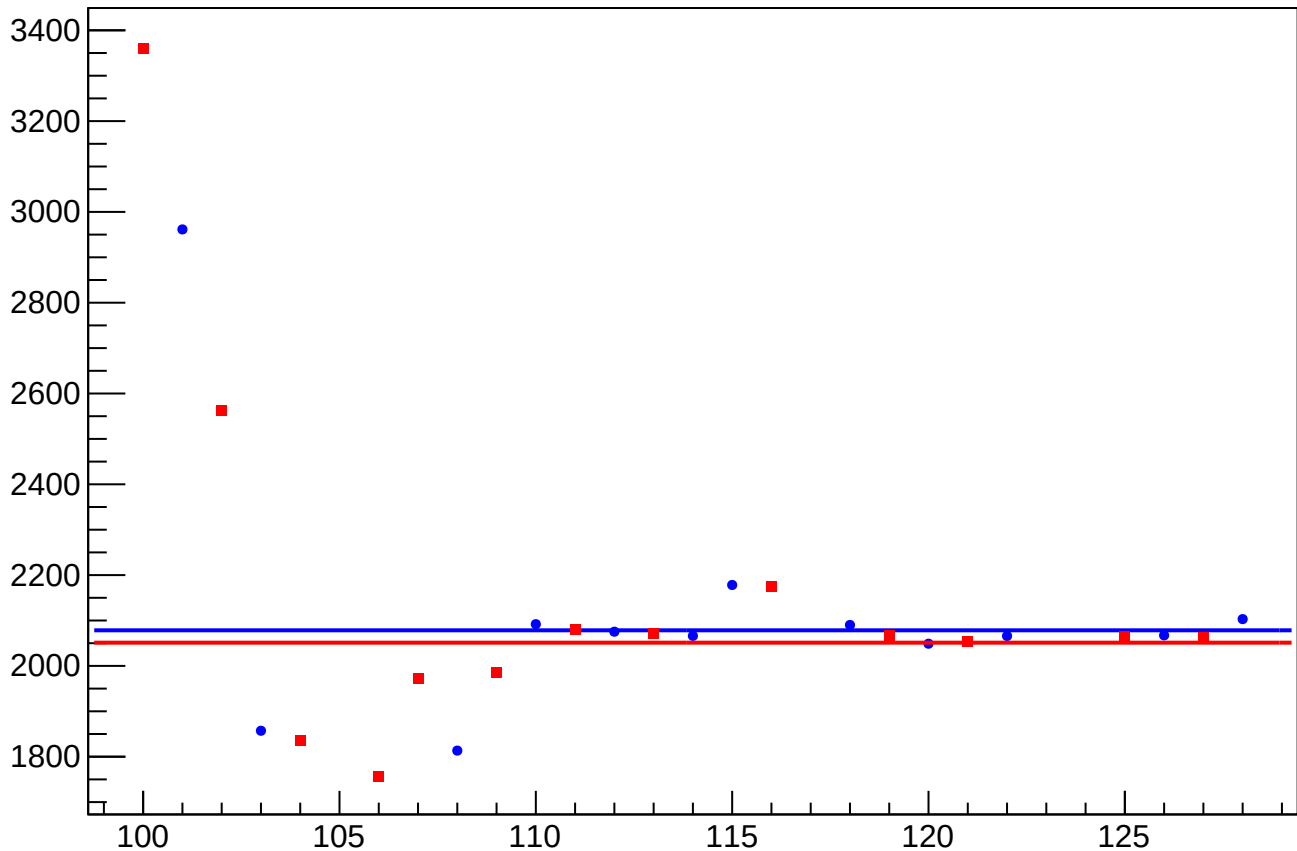
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -953.041+/-650.810 χ^2/NDF : 21.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2078.400+/-0.663 χ^2/NDF : 150816.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2051.187+/-0.639 χ^2/NDF : 98903.6/12

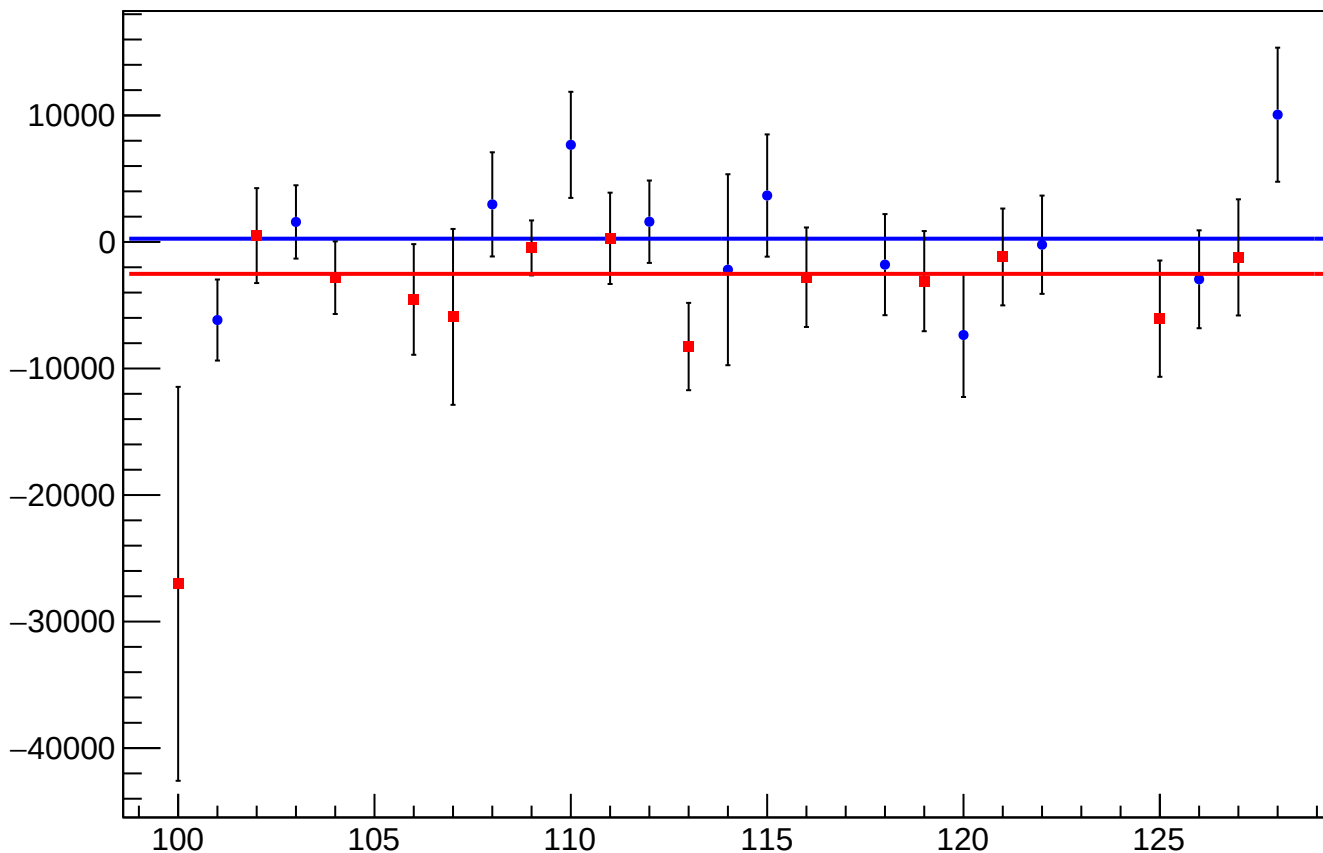
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2064.293+/-0.460 χ^2/NDF : 250592.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_cor_correction_mean vs Slug



Right In: 258.679+/-1146.791 χ^2 /NDF: 15.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -2520.474+/-1034.656 χ^2 /NDF: 8.7/12

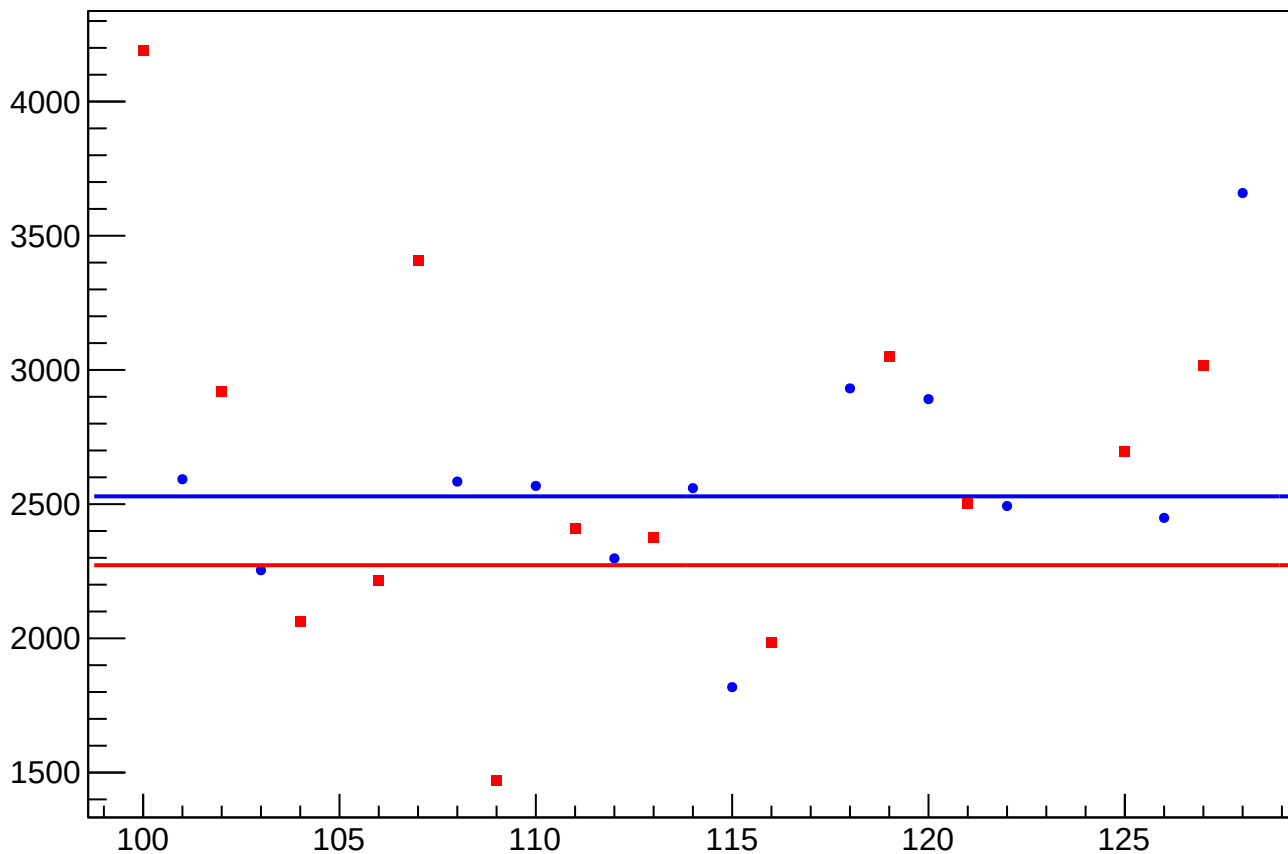
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1273.382+/-768.206 χ^2 /NDF: 27.3/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_cor_correction_rms vs Slug



Right In: 2529.069+/-0.811 χ^2/NDF : 196024.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

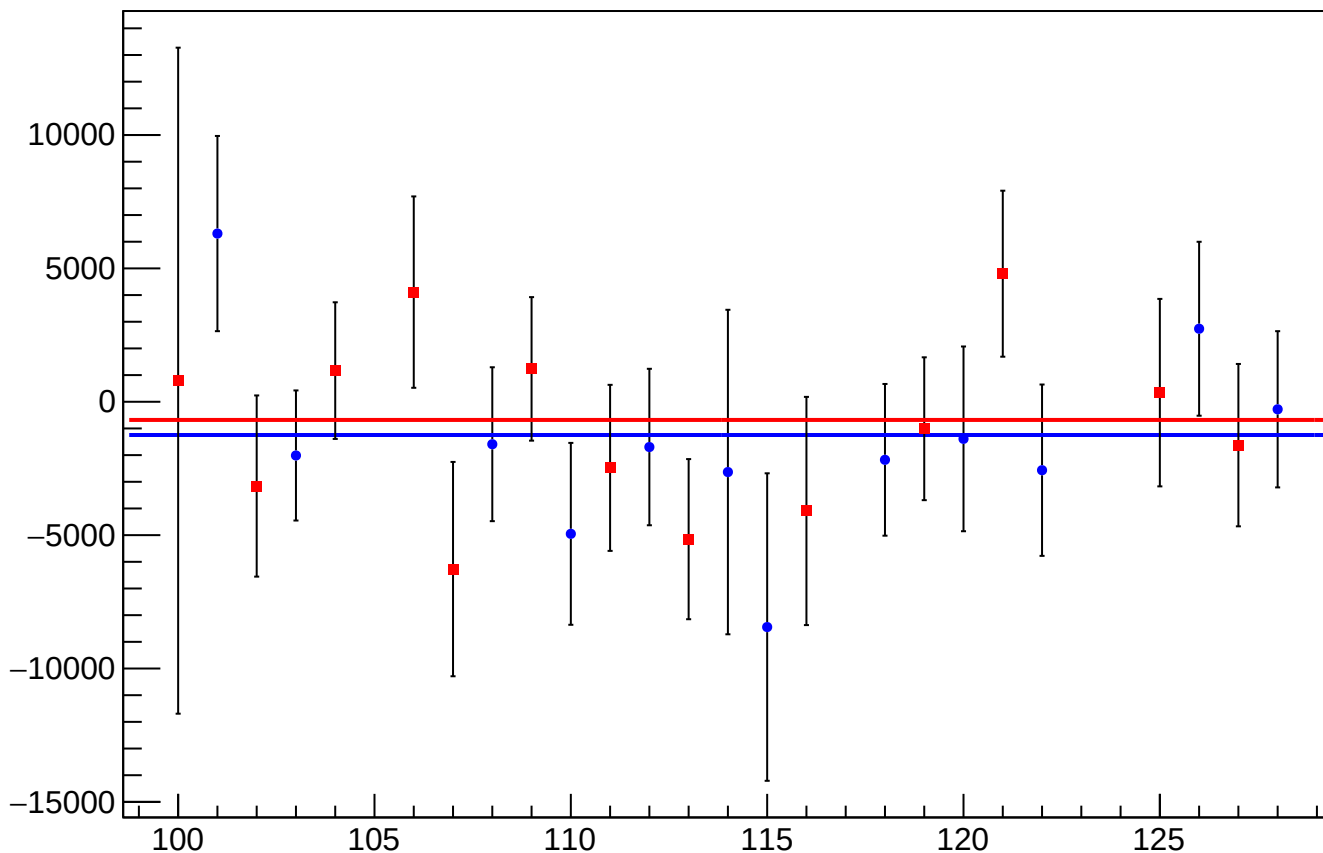
Right Out: 2272.531+/-0.732 χ^2/NDF : 596412.2/12

All: 2387.648+/-0.543 χ^2/NDF : 847610.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1245.720+/-937.788 χ^2/NDF : 9.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -681.125+/-903.914 χ^2/NDF : 11.8/12

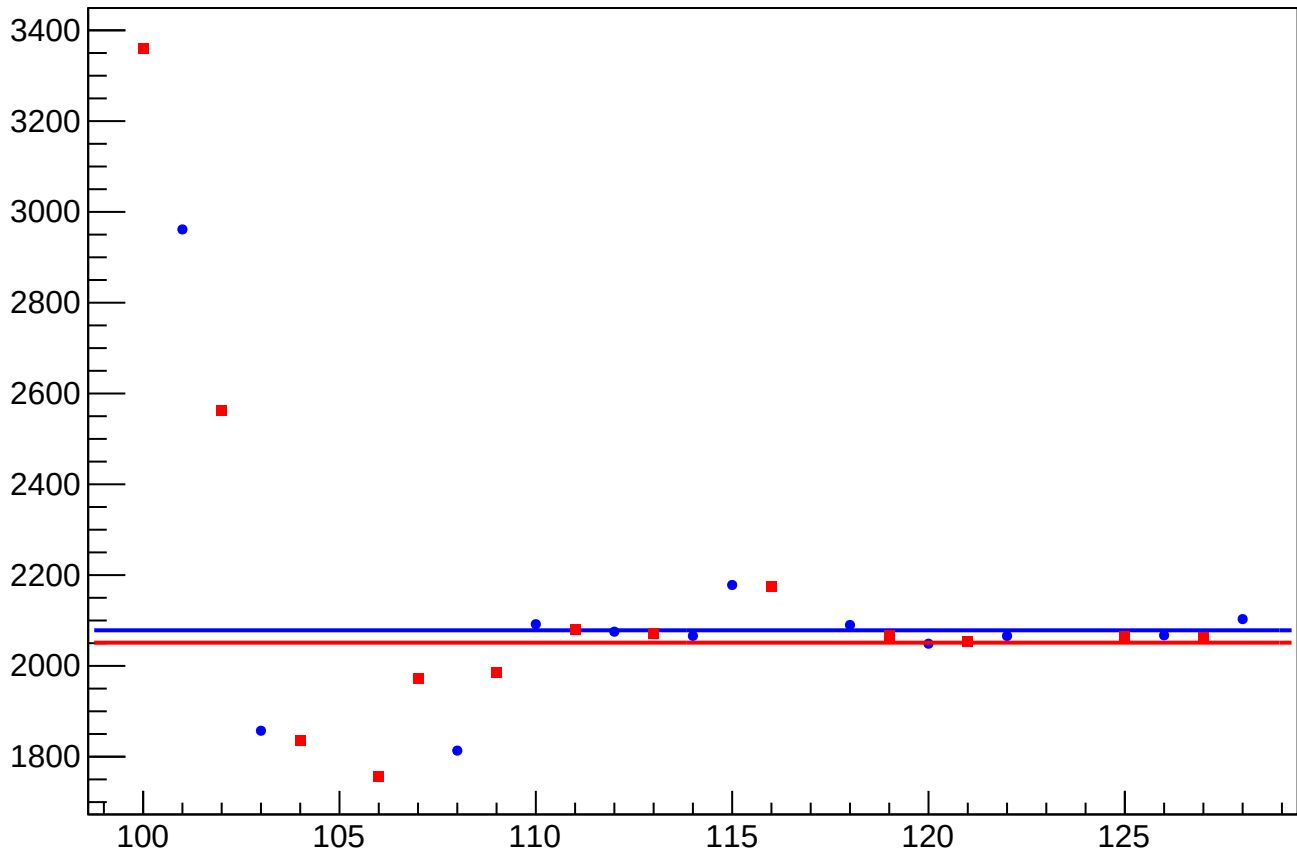
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -953.041+/-650.810 χ^2/NDF : 21.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2078.400+/-0.663 χ^2/NDF : 150816.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2051.187+/-0.639 χ^2/NDF : 98903.6/12

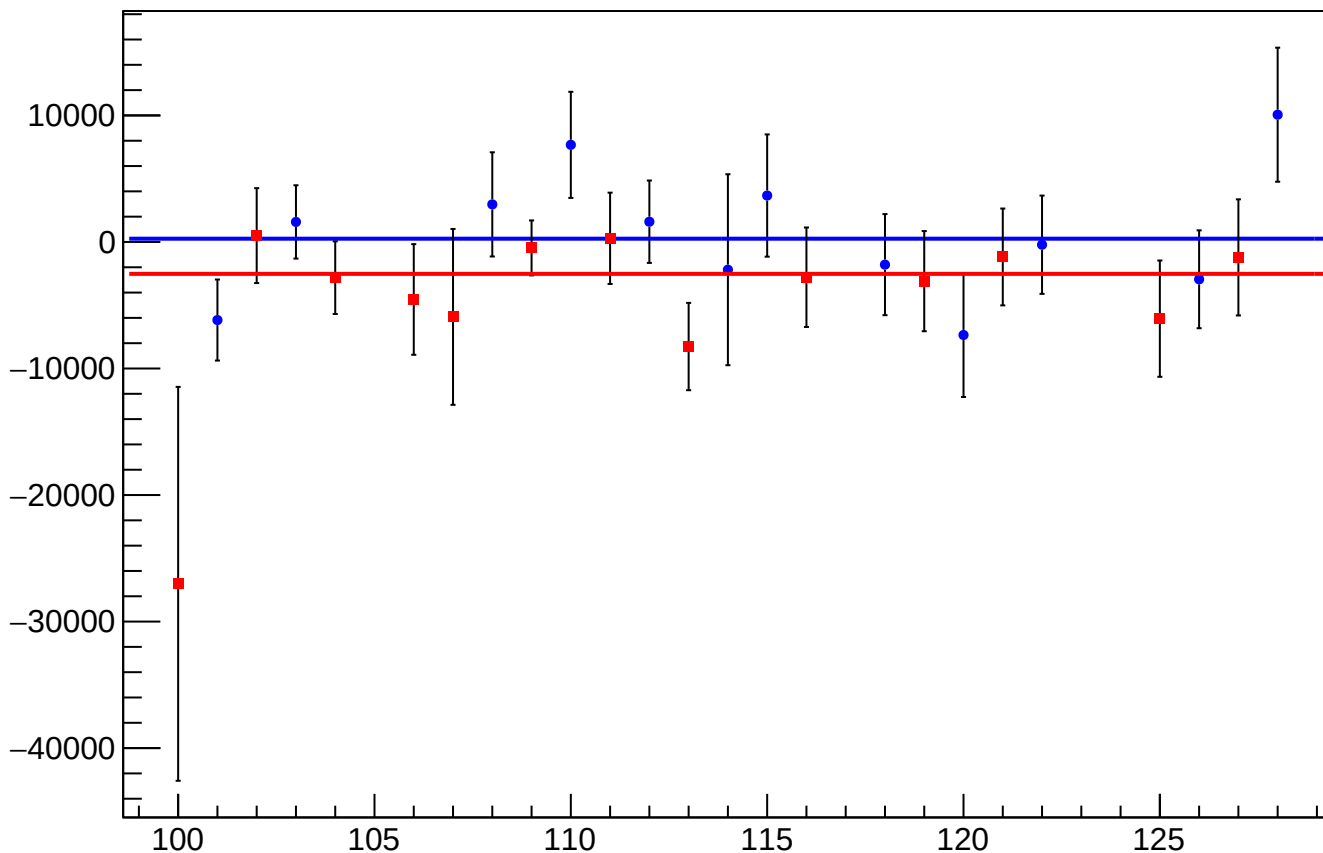
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2064.293+/-0.460 χ^2/NDF : 250592.6/24

- 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: 258.679+/-1146.791 χ^2 /NDF: 15.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -2520.474+/-1034.656 χ^2 /NDF: 8.7/12

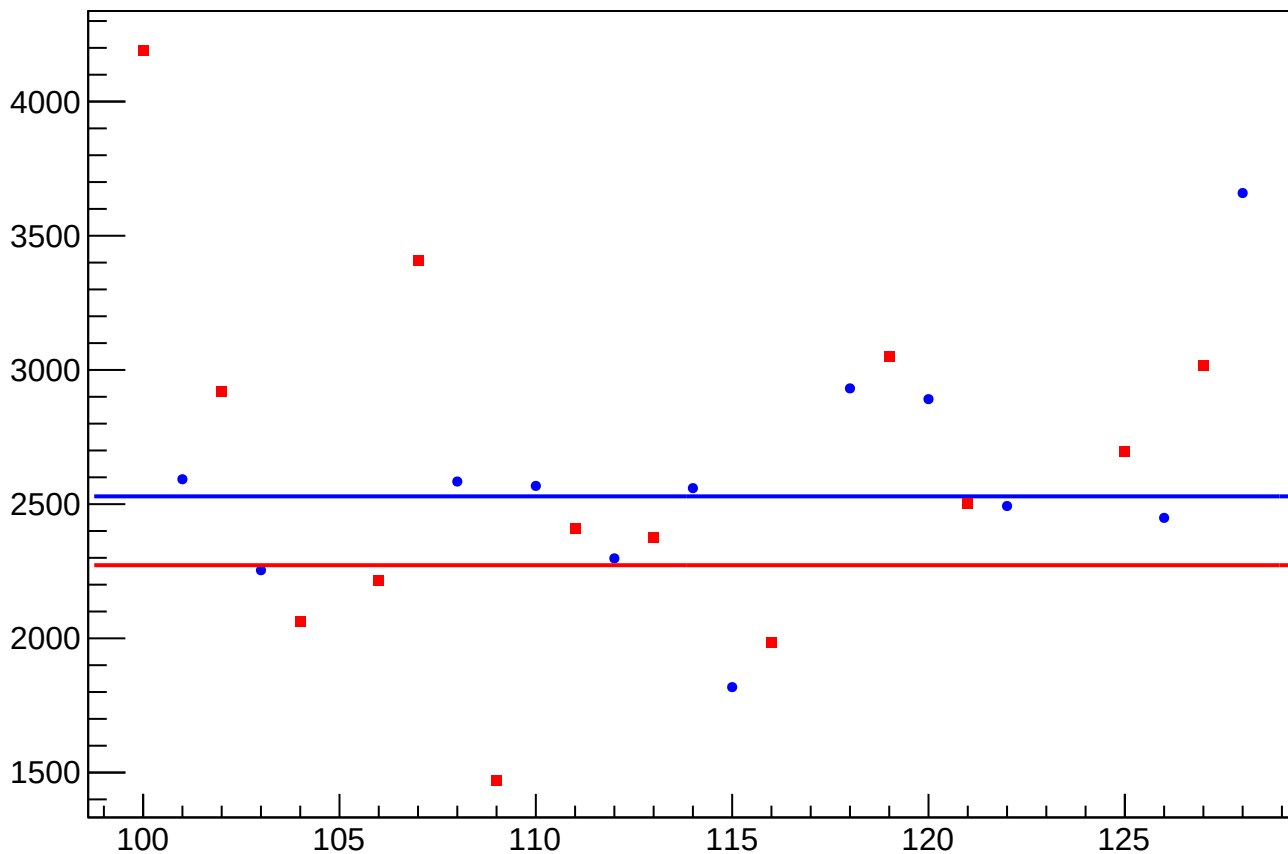
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1273.382+/-768.206 χ^2 /NDF: 27.3/24

- 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: 2529.069+/-0.811 χ^2 /NDF: 196024.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

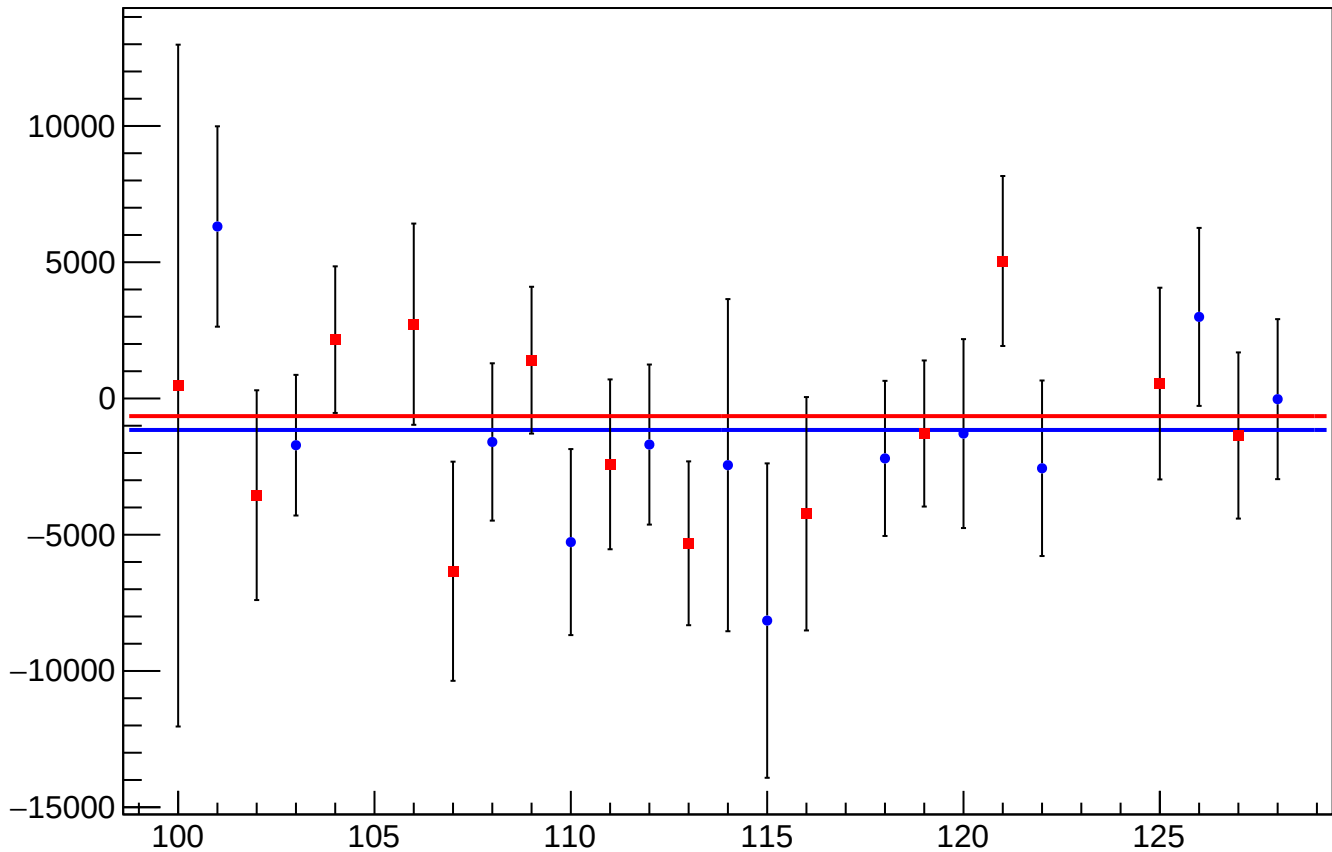
Right Out: 2272.531+/-0.732 χ^2 /NDF: 596412.2/12

All: 2387.648+/-0.543 χ^2 /NDF: 847610.1/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

dit_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1155.198+/-946.742 χ^2/NDF : 9.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -647.385+/-919.202 χ^2/NDF : 12.1/12

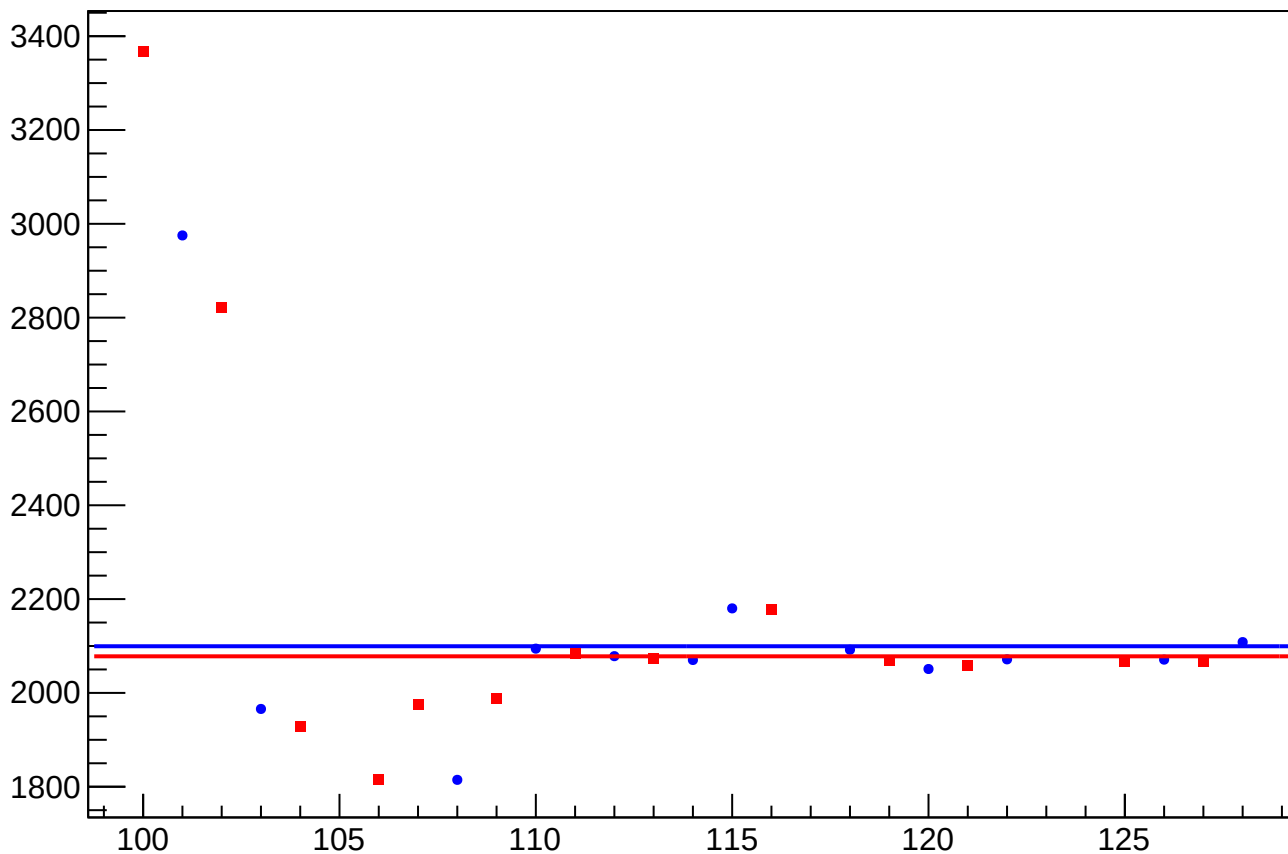
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -893.798+/-659.495 χ^2/NDF : 21.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2099.460 $\pm$ 0.669 χ^2 /NDF: 139564.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2077.997 $\pm$ 0.650 χ^2 /NDF: 116856.9/12

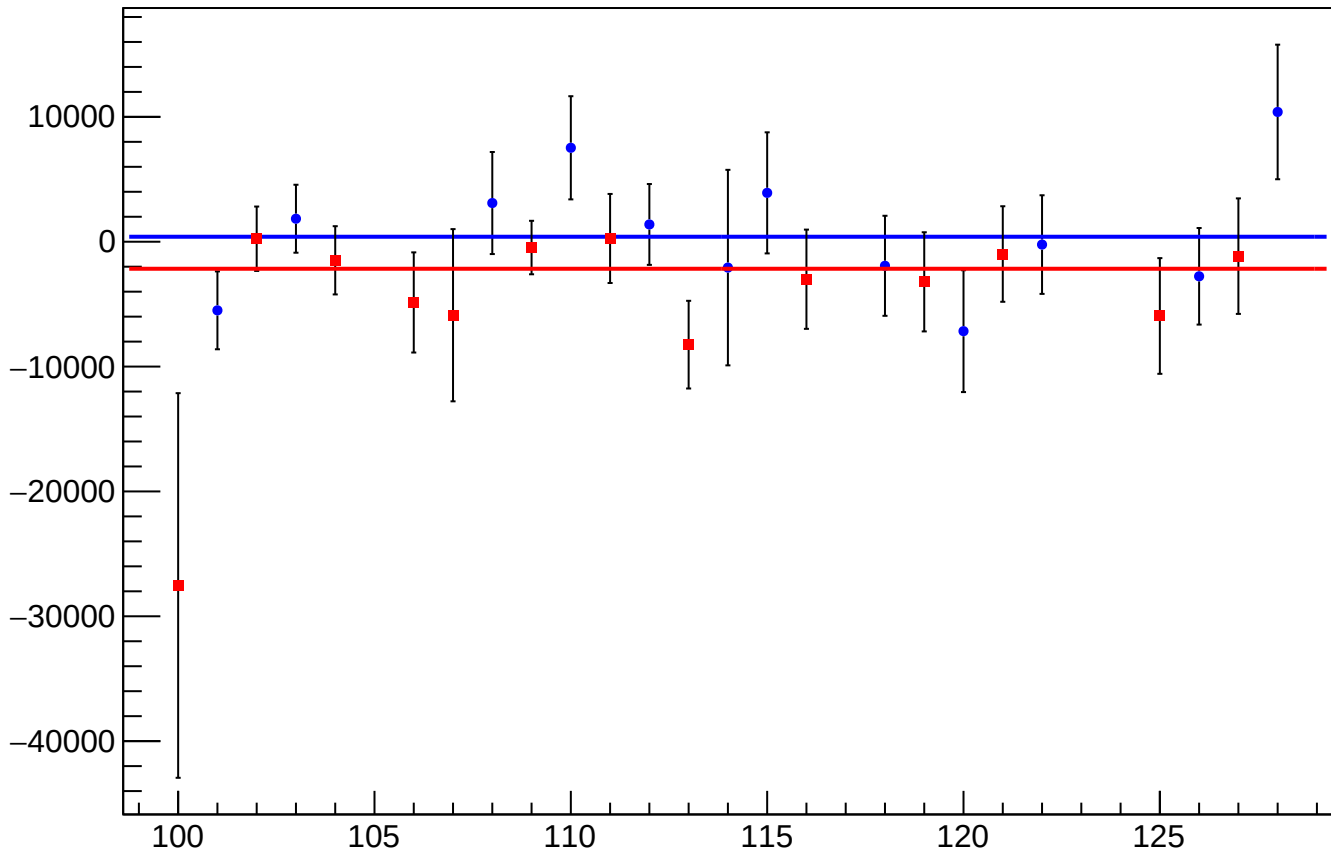
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2088.412 $\pm$ 0.466 χ^2 /NDF: 256950.4/24

- 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: 399.406+/-1132.142 χ^2/NDF : 14.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2165.127+/-981.624 χ^2/NDF : 9.4/12

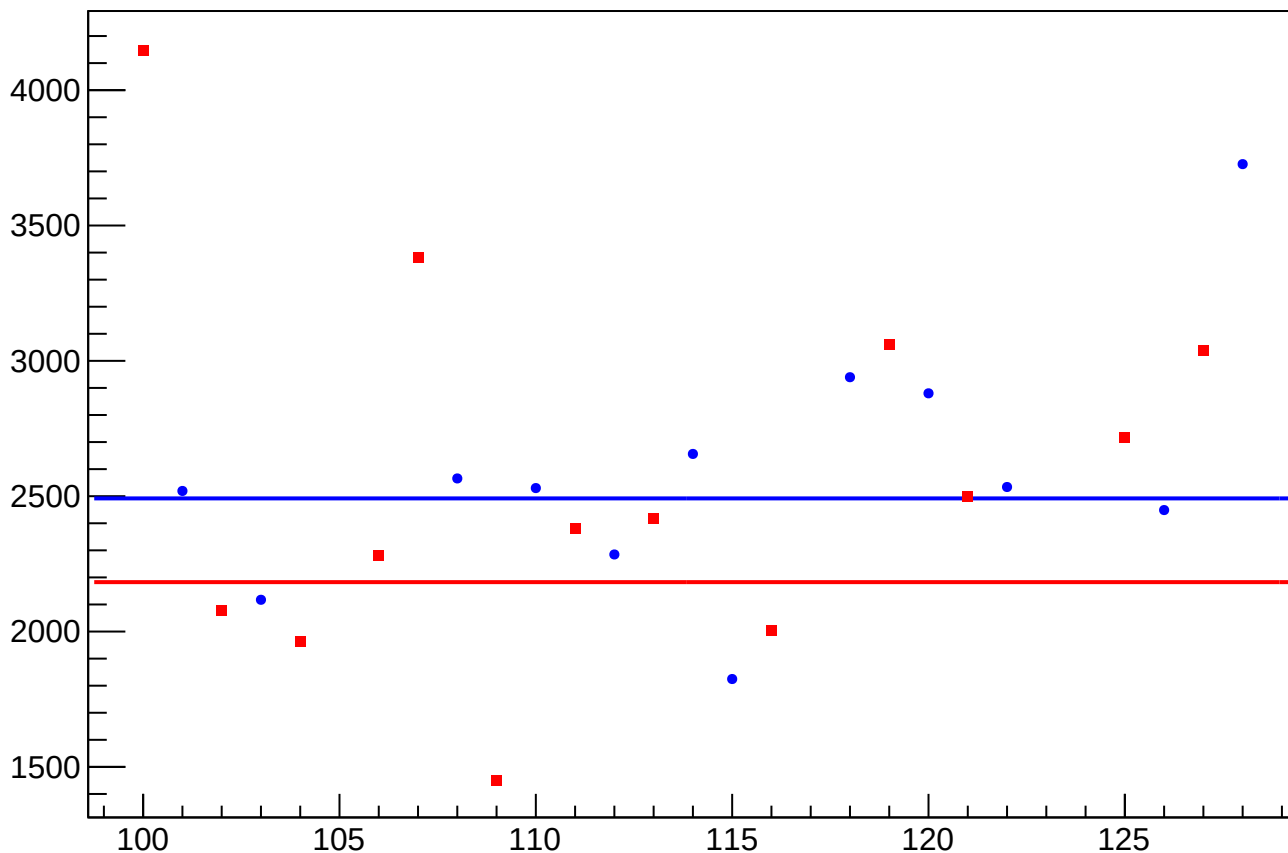
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1064.555+/-741.662 χ^2/NDF : 27.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_dit_correction_rms vs Slug



Right In: 2491.877+/-0.801 χ^2/NDF : 228905.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2182.550+/-0.694 χ^2/NDF : 570124.4/12

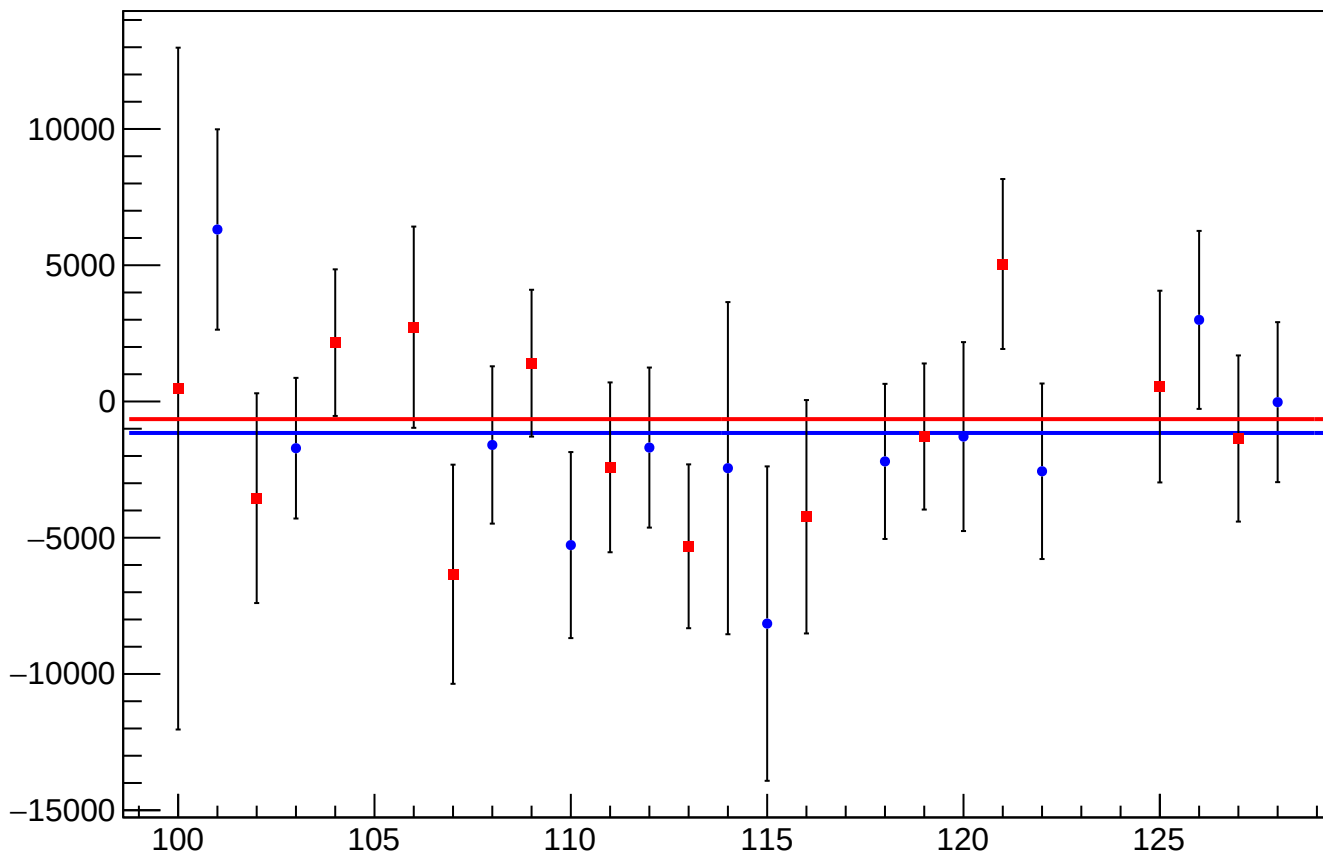
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2315.298+/-0.524 χ^2/NDF : 884257.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1155.196 $\pm$ 946.742 χ^2 /NDF: 9.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -647.382 $\pm$ 919.202 χ^2 /NDF: 12.1/12

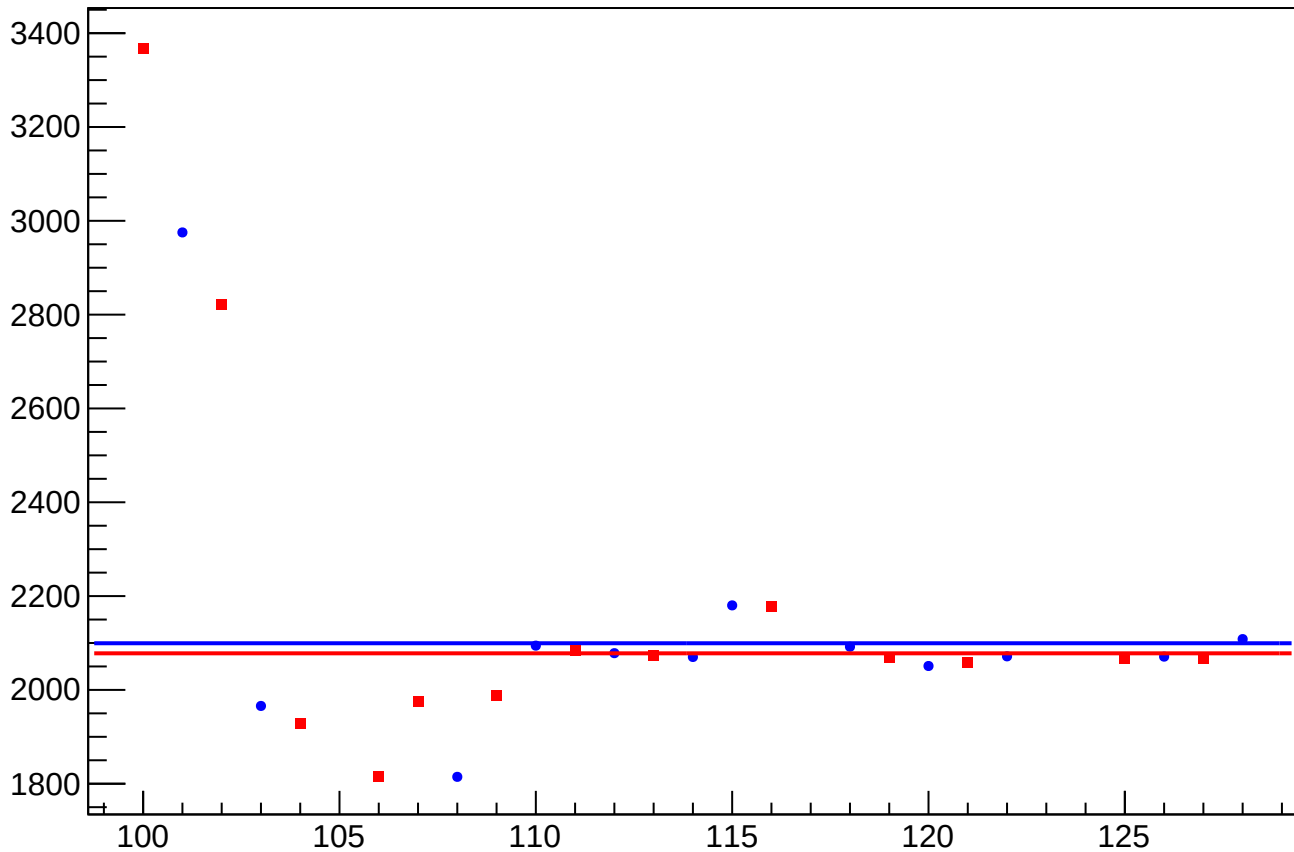
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -893.796 $\pm$ 659.495 χ^2 /NDF: 21.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2099.460+/-0.669 χ^2/NDF : 139564.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

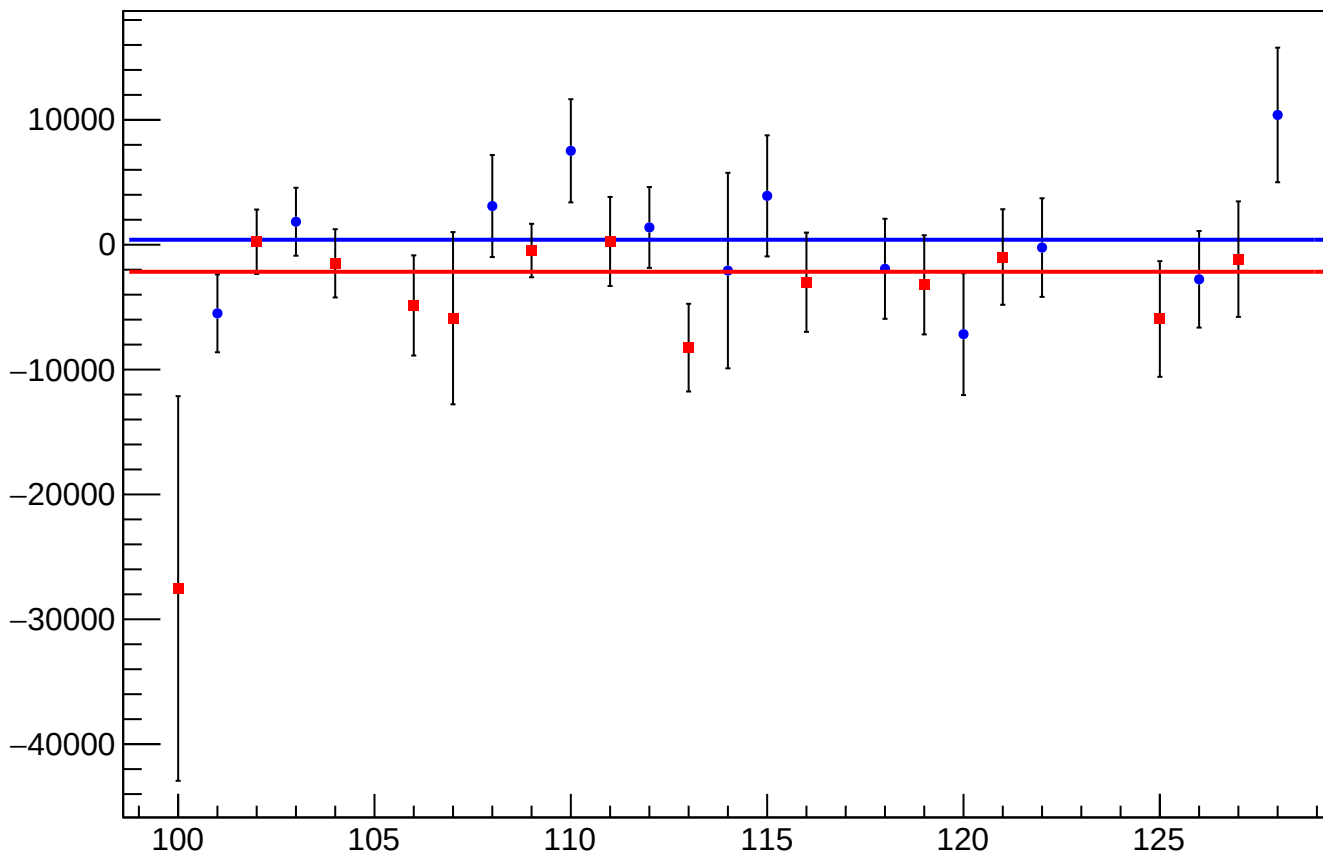
Right Out: 2077.997+/-0.650 χ^2/NDF : 116856.8/12

All: 2088.412+/-0.466 χ^2/NDF : 256950.3/24

- 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: 399.404 $\pm$ 1132.139 χ^2/NDF : 14.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -2165.131 $\pm$ 981.625 χ^2/NDF : 9.4/12

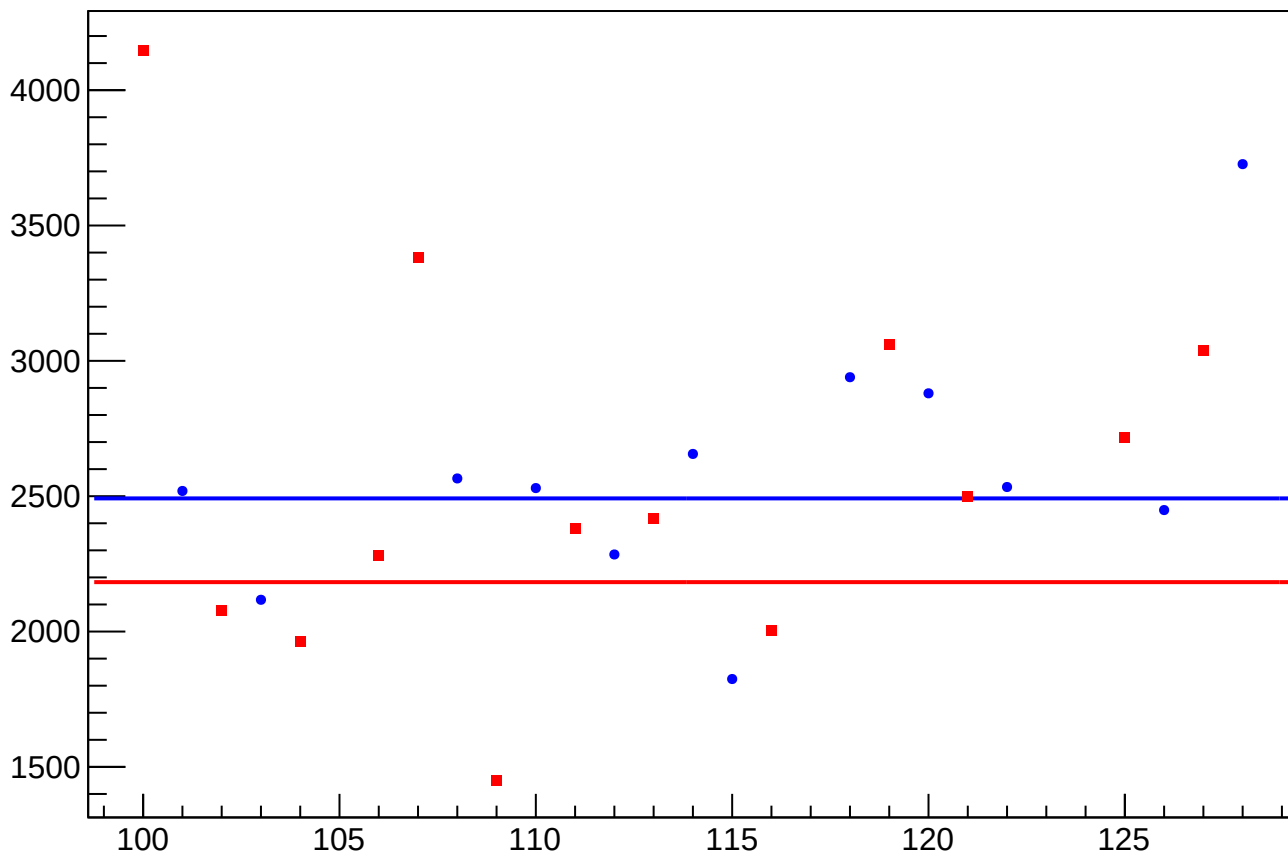
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -1064.554 $\pm$ 741.661 χ^2/NDF : 27.2/24

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 2491.872 $\pm$ 0.801 χ^2 /NDF: 228899.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2182.554 $\pm$ 0.694 χ^2 /NDF: 570108.3/12

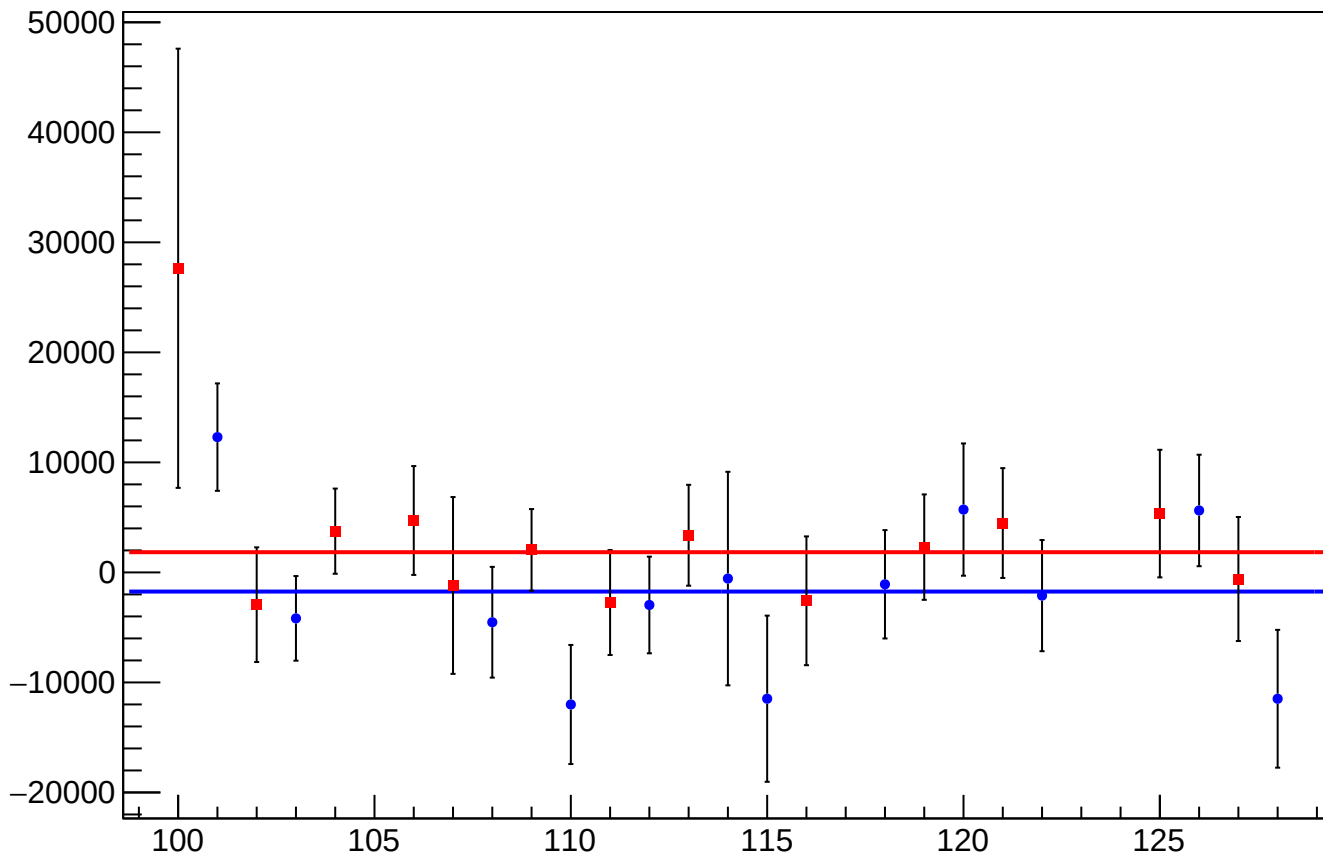
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2315.298 $\pm$ 0.524 χ^2 /NDF: 884231.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1740.830+/-1514.925 χ^2/NDF : 20.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1837.882+/-1413.287 χ^2/NDF : 5.7/12

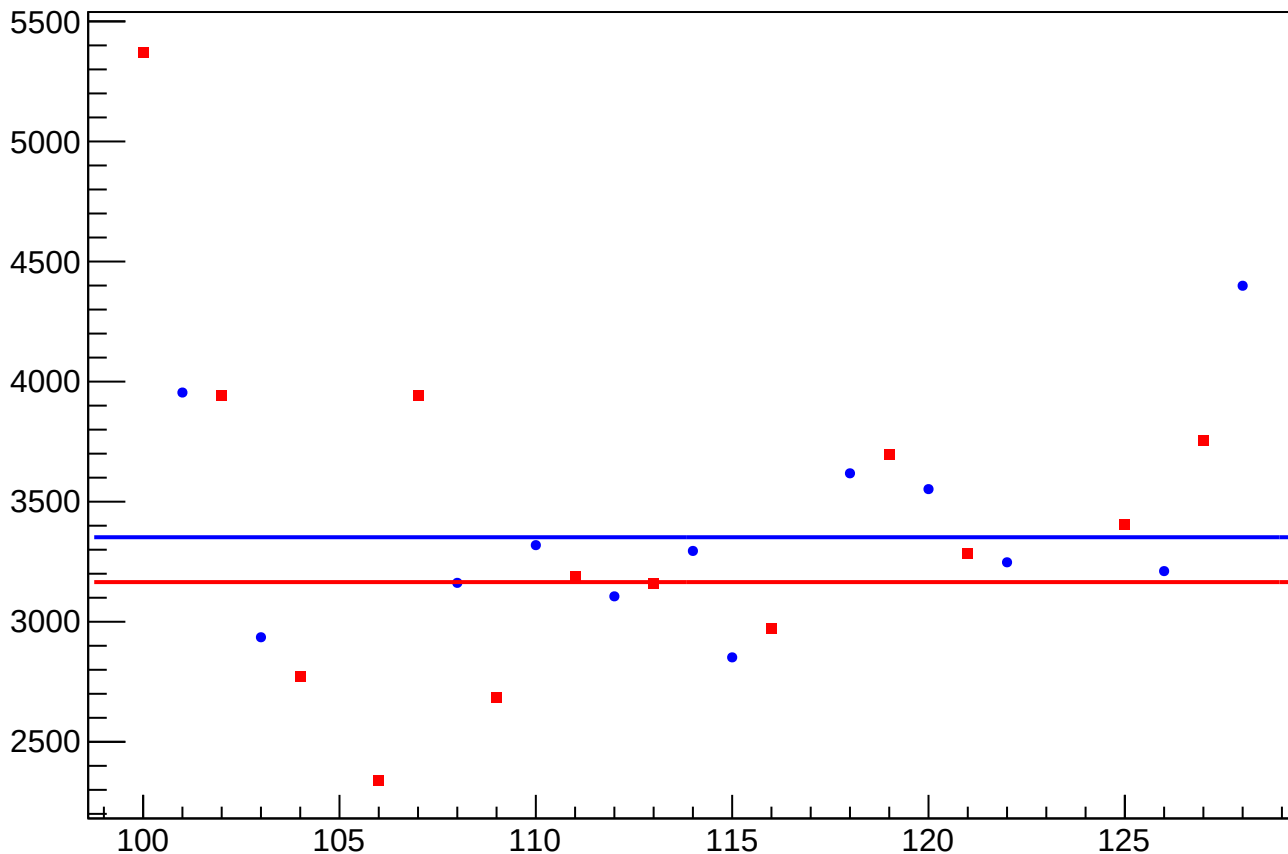
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.594+/-1033.410 χ^2/NDF : 29.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 3351.947+/-1.071 χ^2/NDF : 138367.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3165.121+/-0.999 χ^2/NDF : 250868.4/12

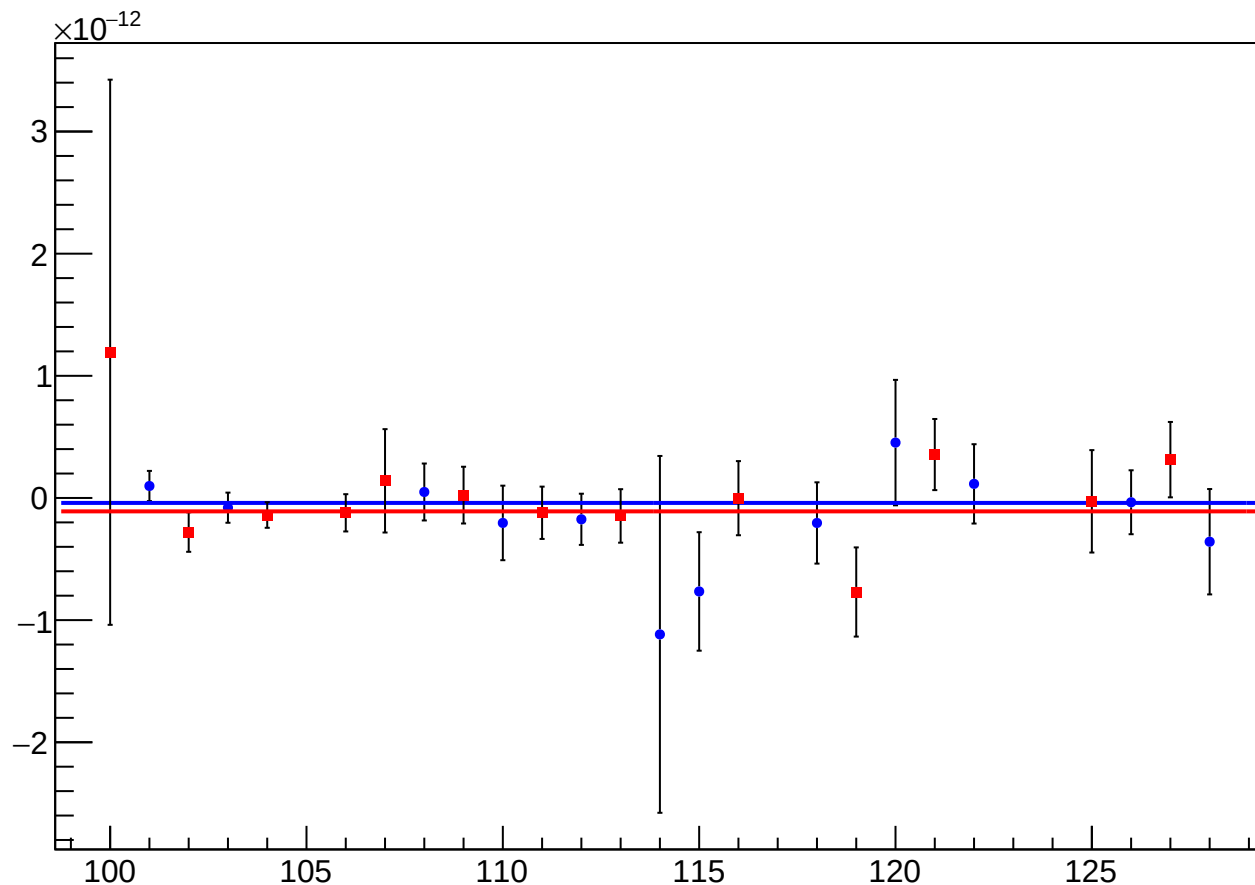
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3252.055+/-0.731 χ^2/NDF : 405499.6/24

- 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+/-0.000 χ^2/NDF : 6.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.1/12

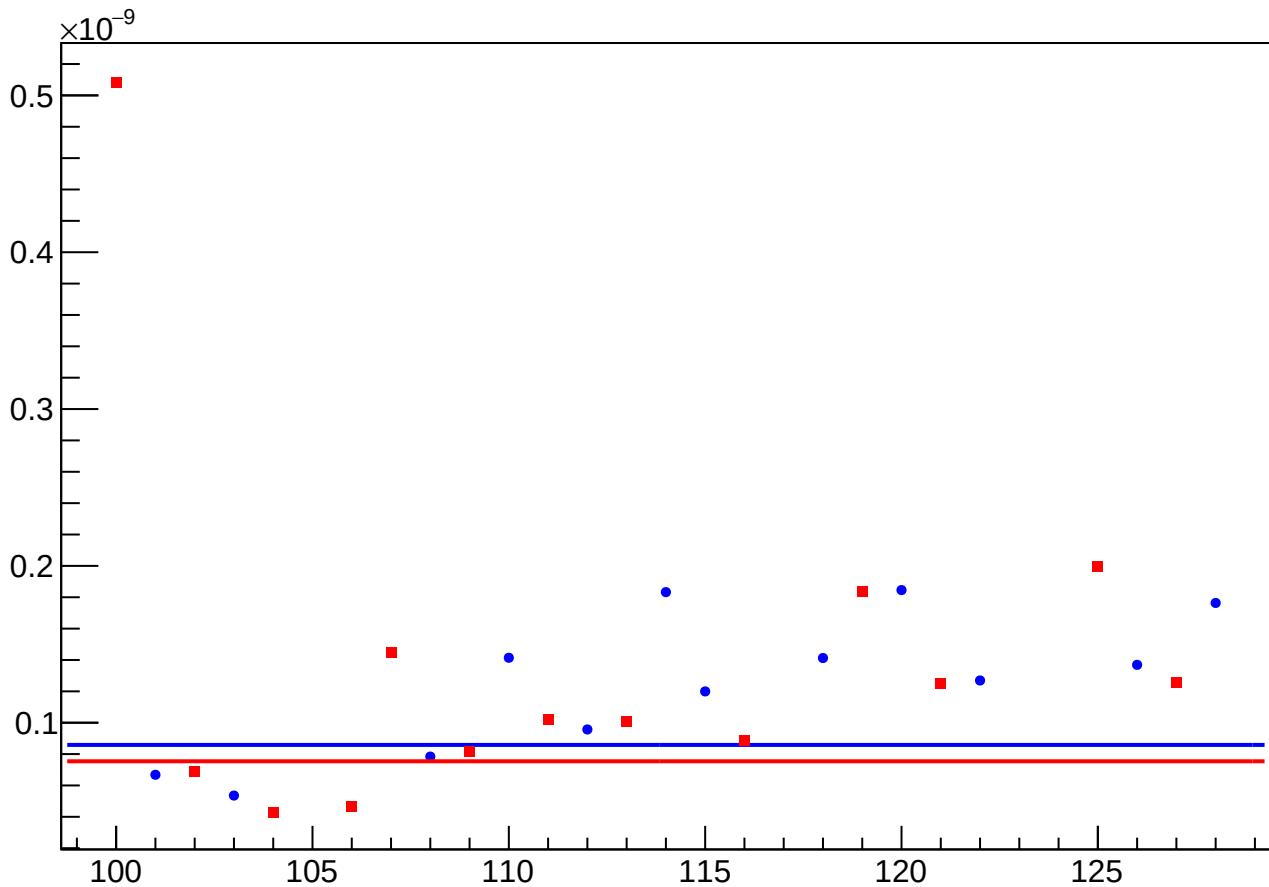
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.6/24

- sign 0.000+/-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 : 601769.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 925293.9/12

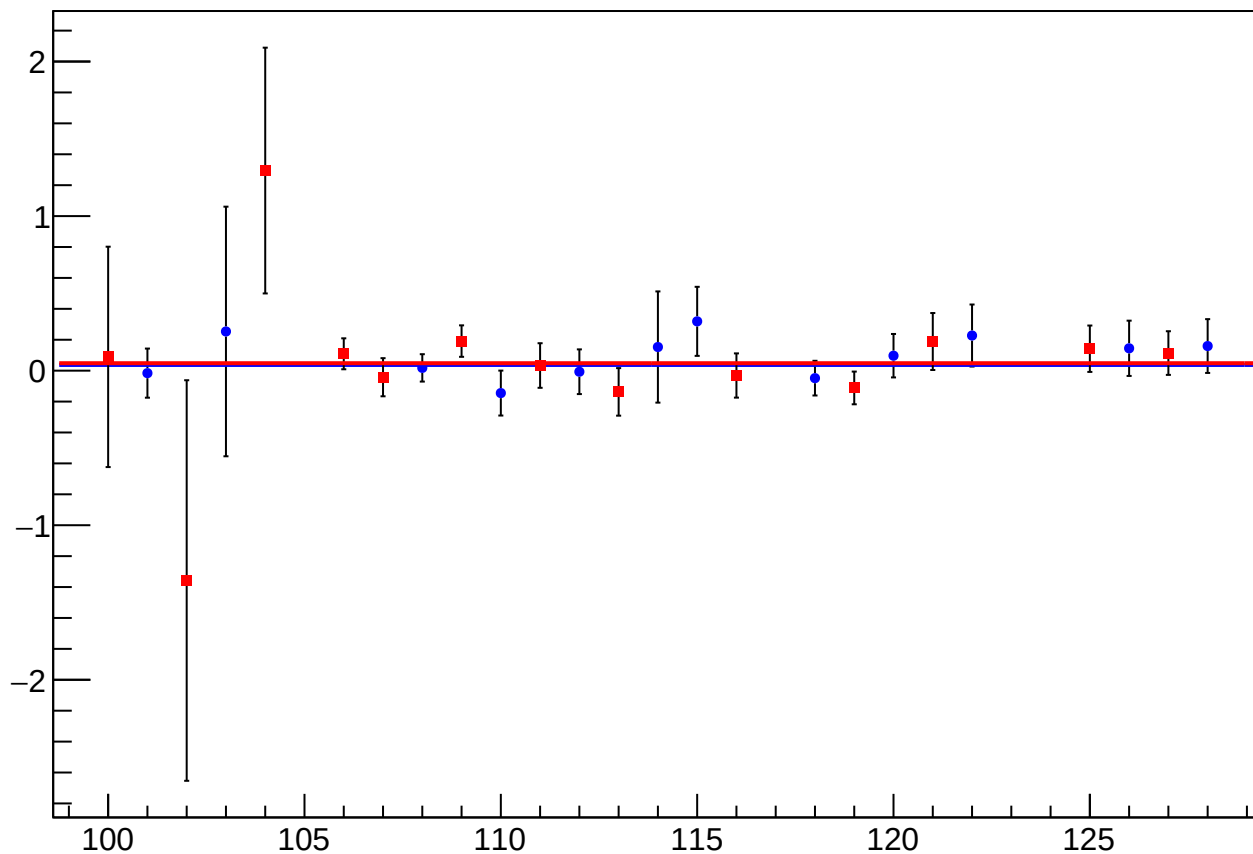
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1554851.6/24

- 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: 0.037 $\pm$ 0.044 χ^2 /NDF: 6.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.048 $\pm$ 0.040 χ^2 /NDF: 11.8/12

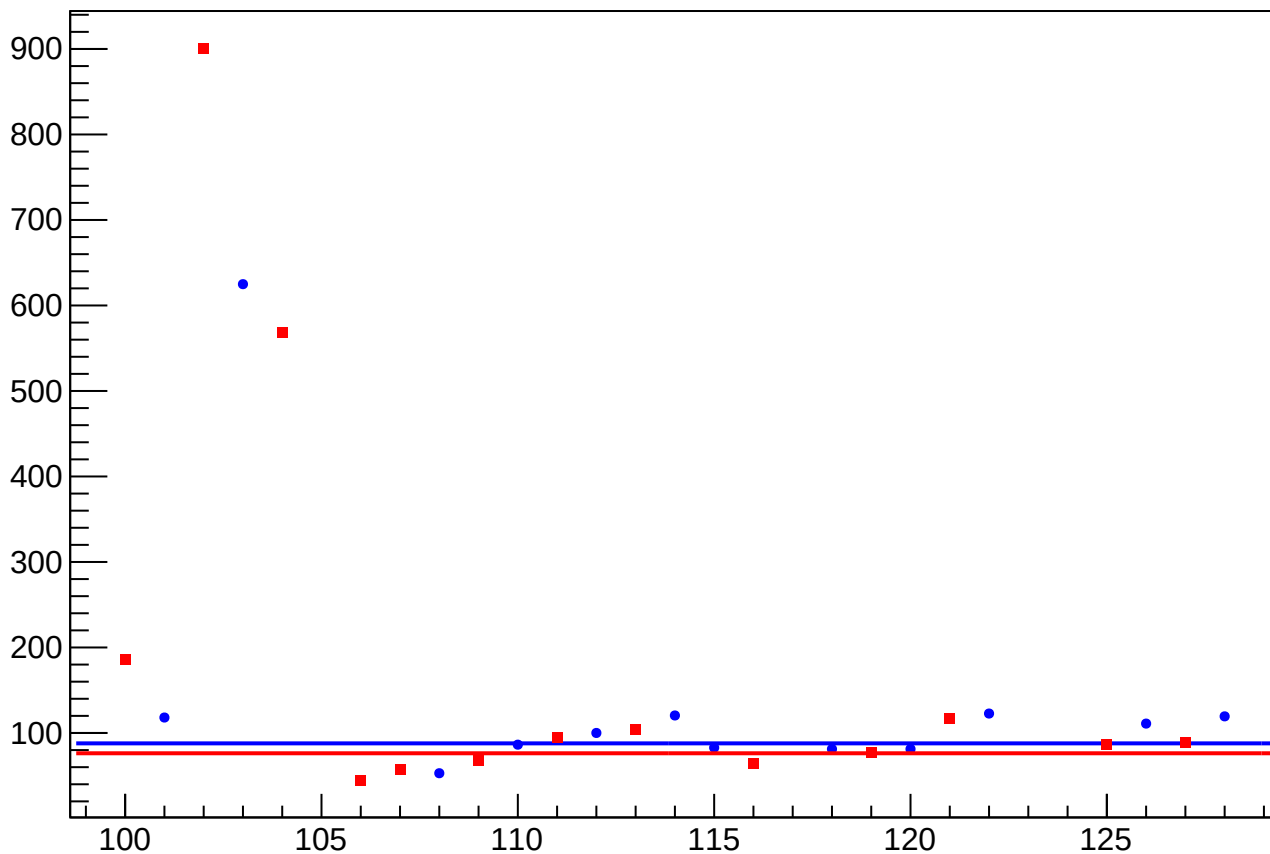
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.043 $\pm$ 0.030 χ^2 /NDF: 17.9/24

- 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: 87.849 $\pm$ 0.031 χ^2 /NDF: 1470963.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 76.259 $\pm$ 0.028 χ^2 /NDF: 2130875.2/12

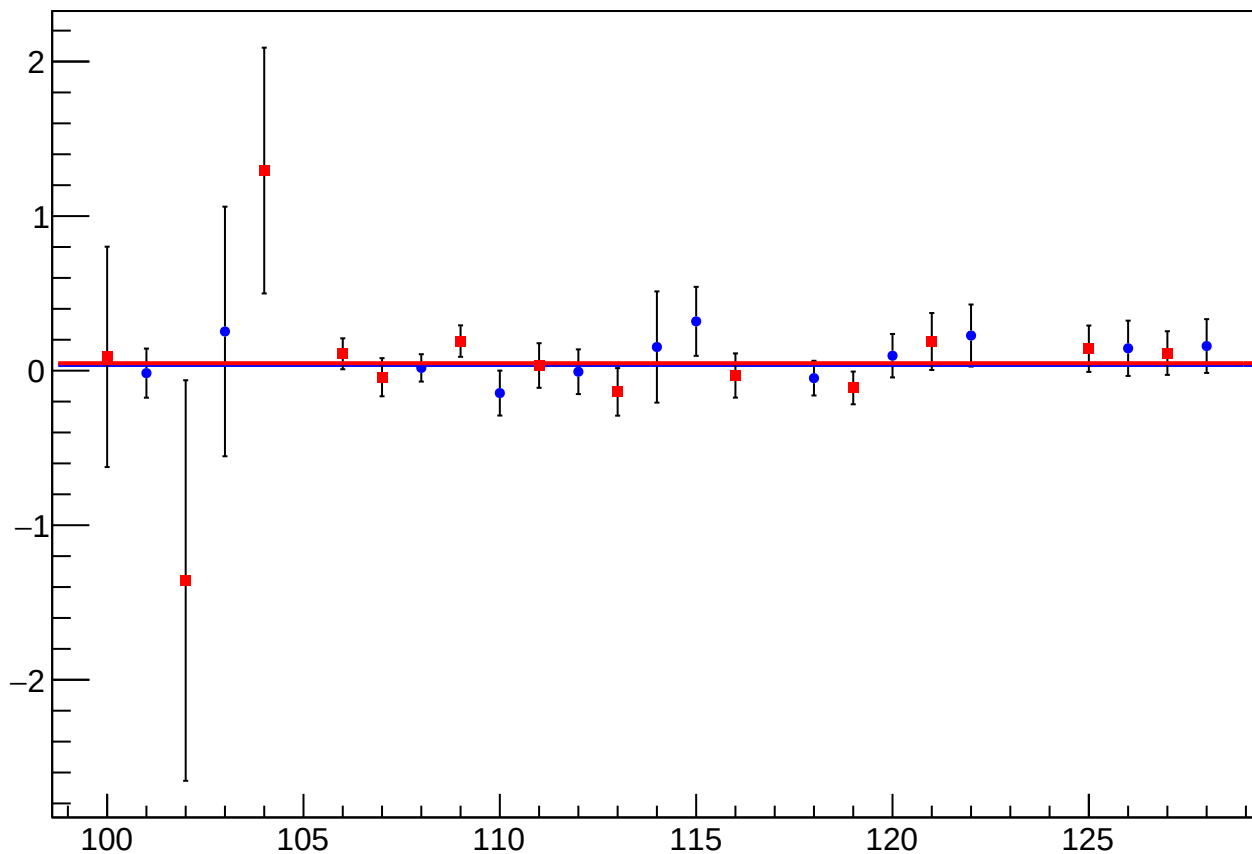
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 81.500 $\pm$ 0.021 χ^2 /NDF: 3676976.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.037 $\pm$ 0.044 χ^2 /NDF: 6.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.048 $\pm$ 0.040 χ^2 /NDF: 11.8/12

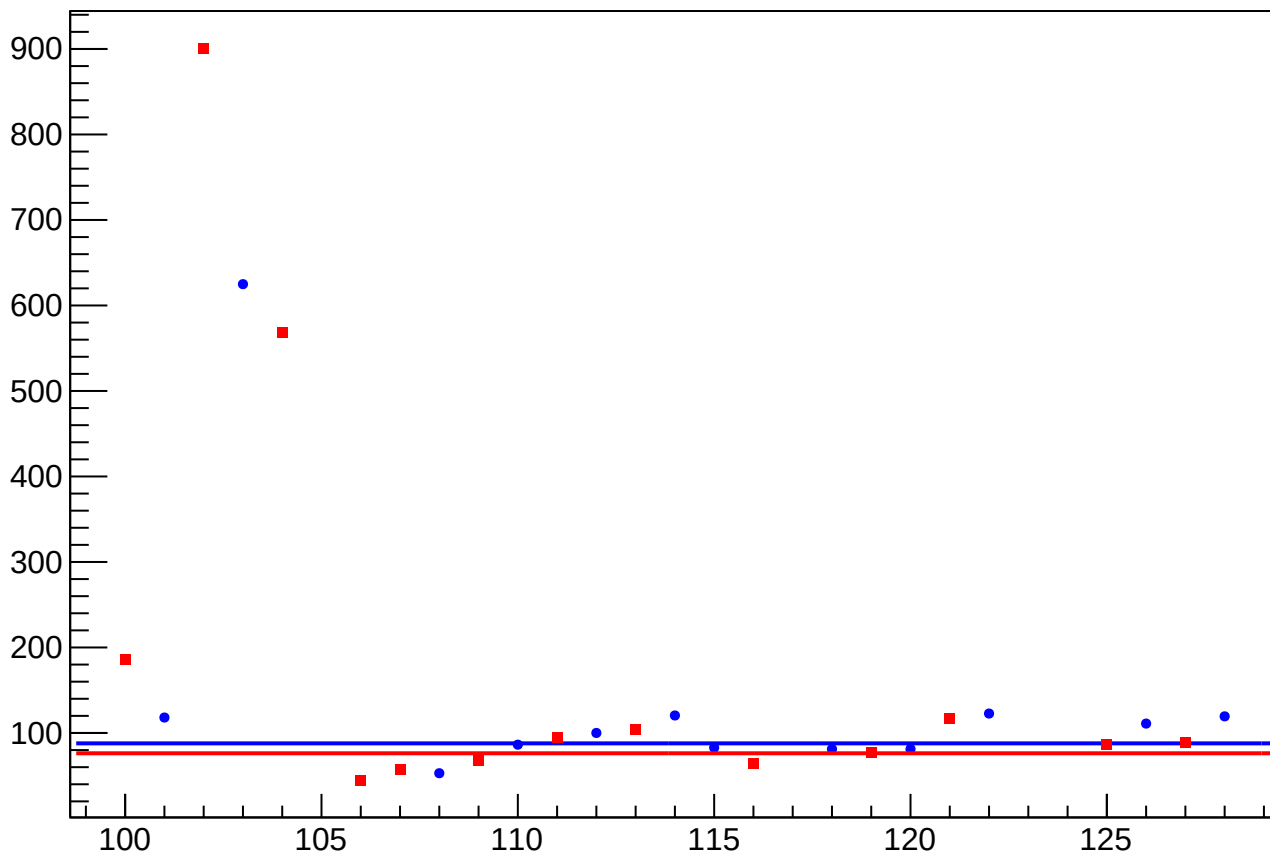
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.043 $\pm$ 0.030 χ^2 /NDF: 17.9/24

- 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: 87.849+/-0.031 χ^2/NDF : 1470963.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.259+/-0.028 χ^2/NDF : 2130875.2/12

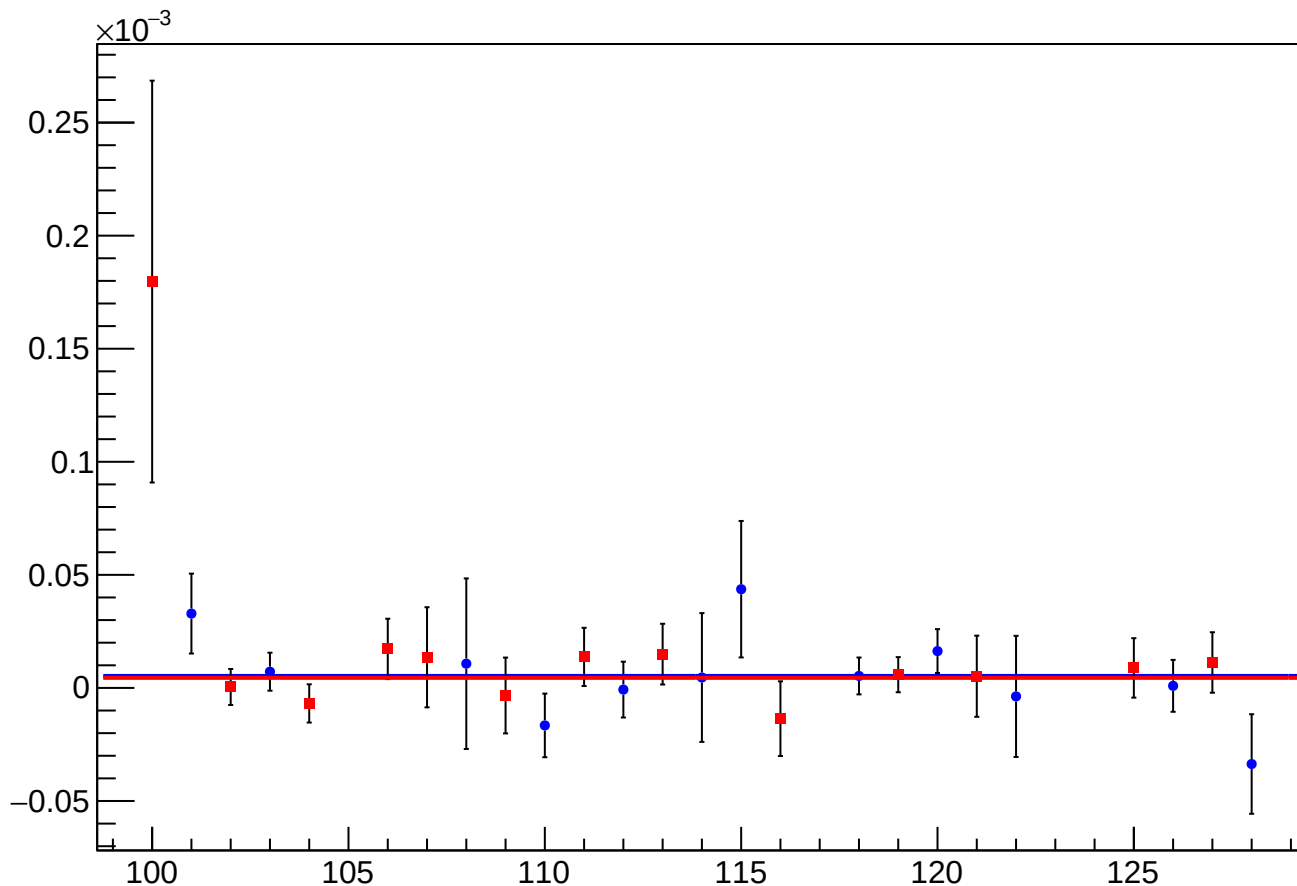
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.500+/-0.021 χ^2/NDF : 3676976.8/24

- 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: 11.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.0/12

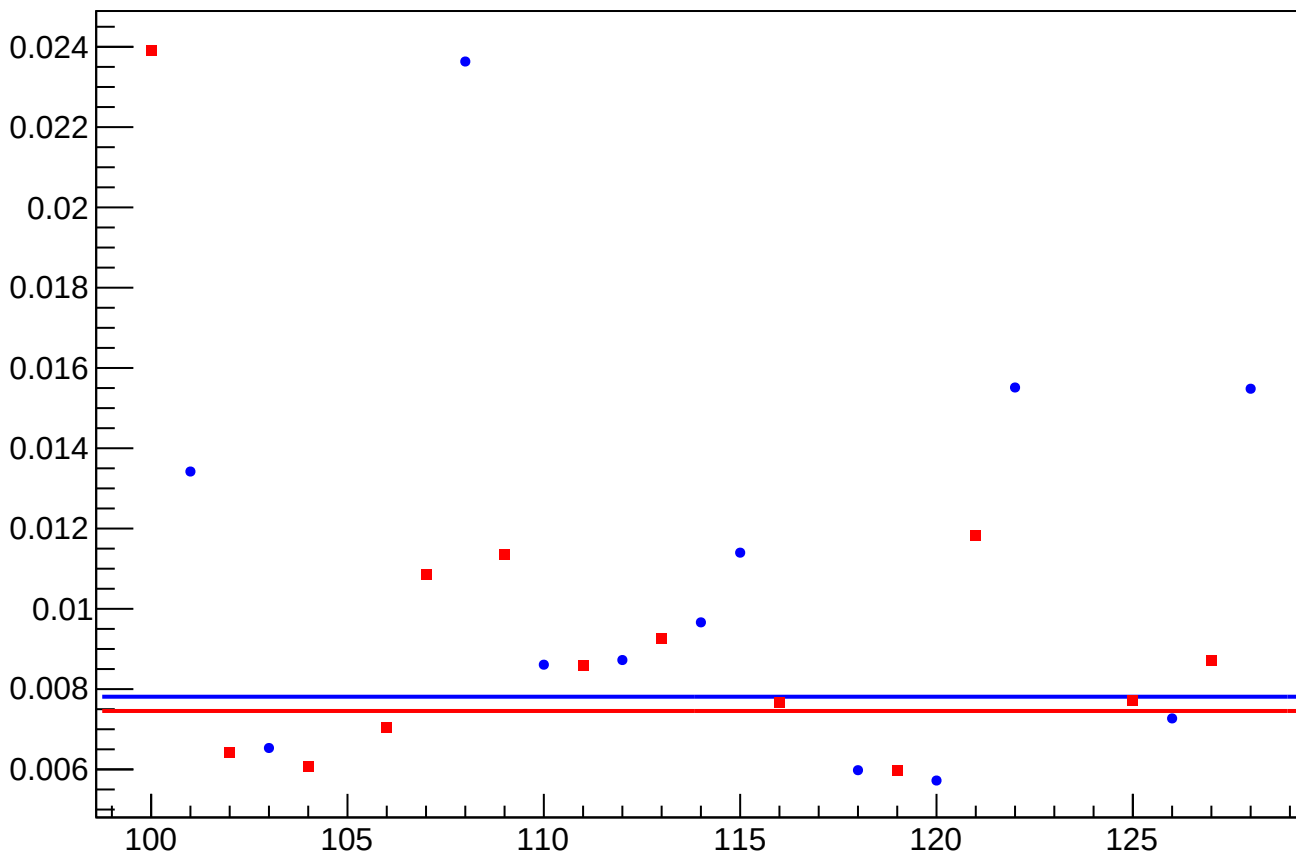
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 21.4/24

- 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 : 1260642.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 575448.4/12

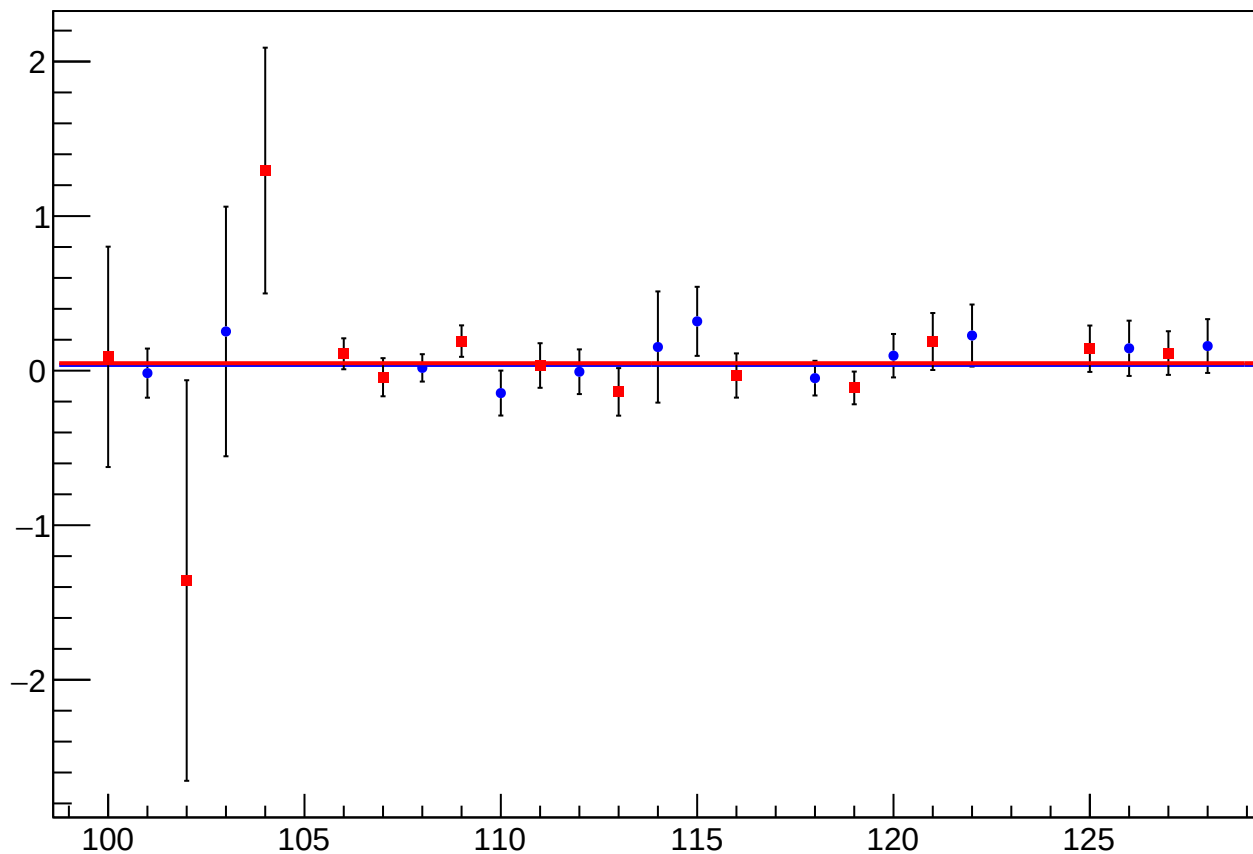
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 1845809.5/24

- 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: 0.037 $\pm$ 0.044 χ^2 /NDF: 6.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.048 $\pm$ 0.040 χ^2 /NDF: 11.8/12

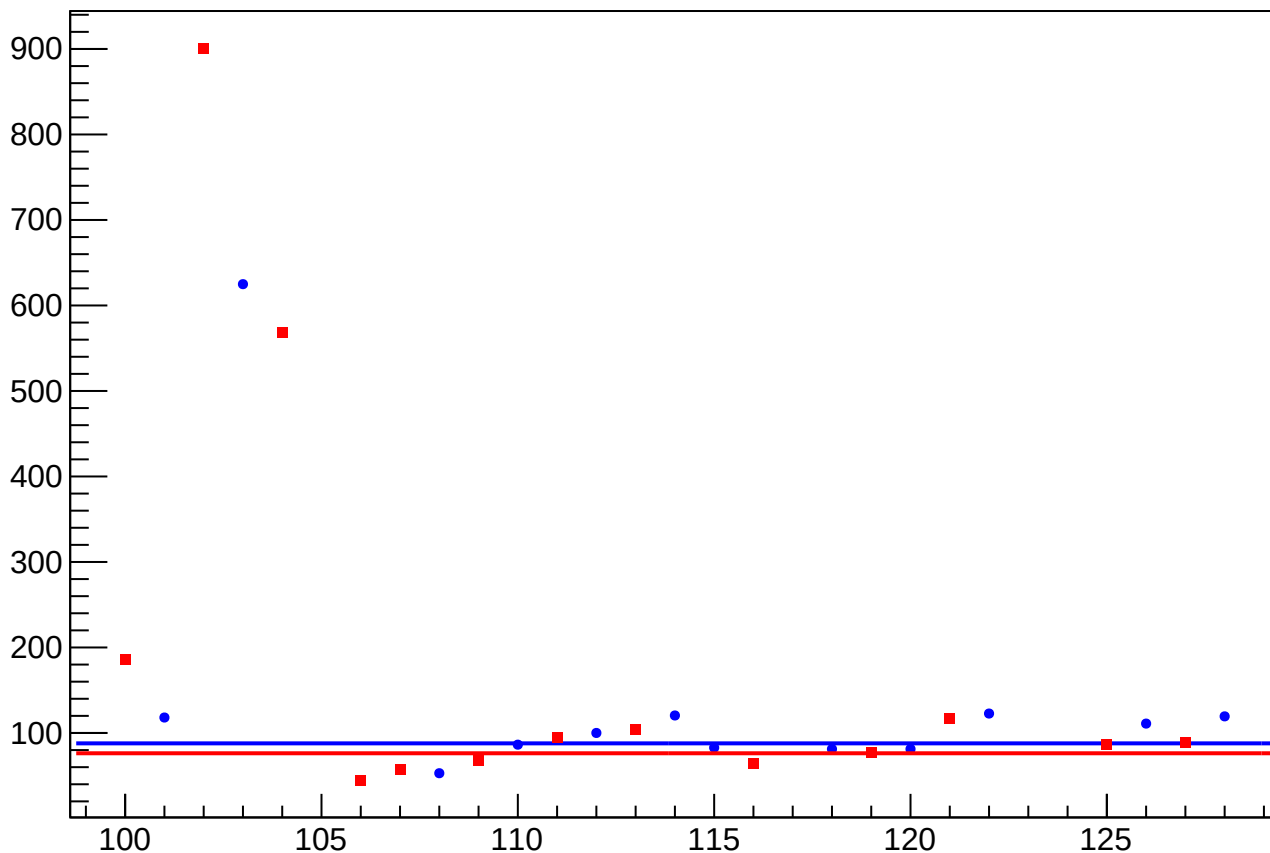
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.043 $\pm$ 0.030 χ^2 /NDF: 17.9/24

- 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: 87.853+/-0.031 χ^2/NDF : 1470722.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.259+/-0.028 χ^2/NDF : 2130857.7/12

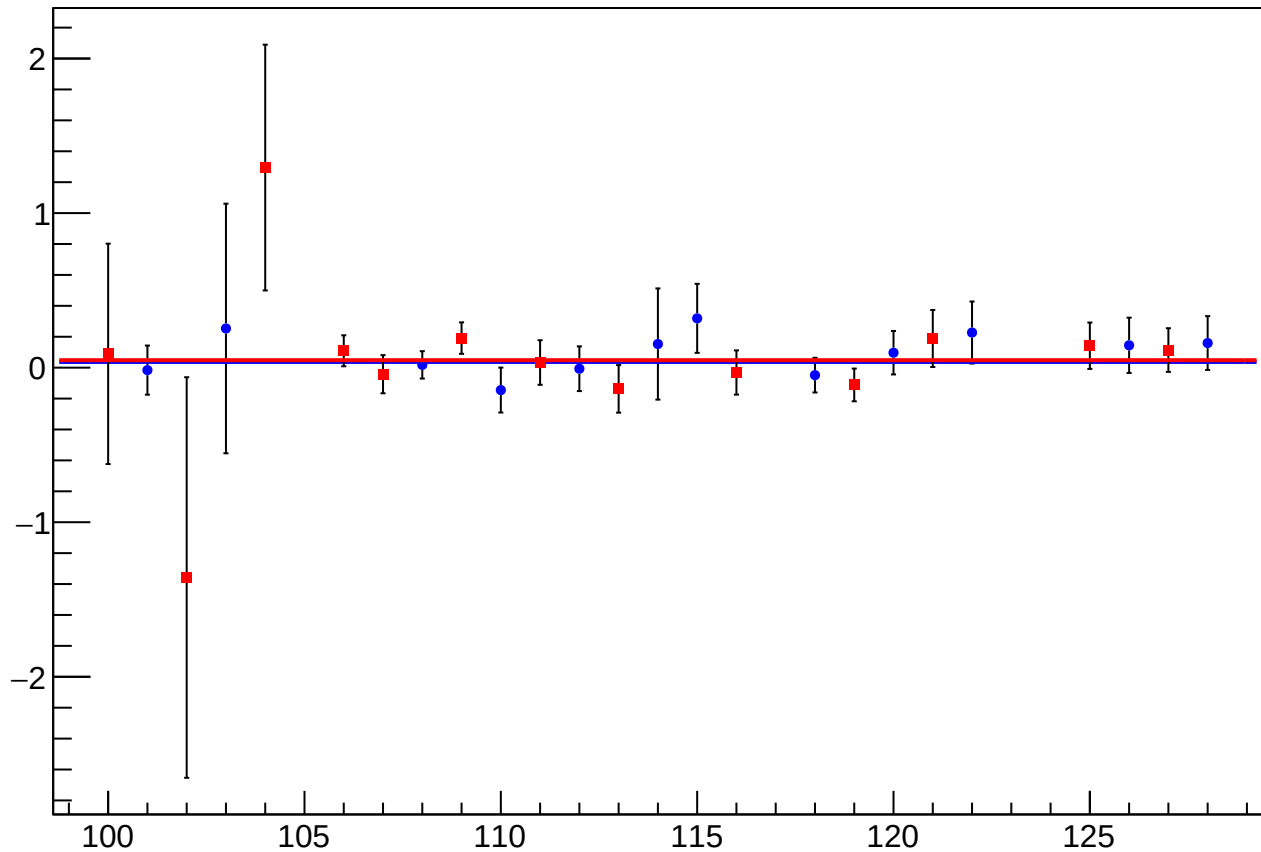
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.502+/-0.021 χ^2/NDF : 3676778.6/24

- 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: 0.037 $\pm$ 0.044 χ^2 /NDF: 6.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.048 $\pm$ 0.040 χ^2 /NDF: 11.8/12

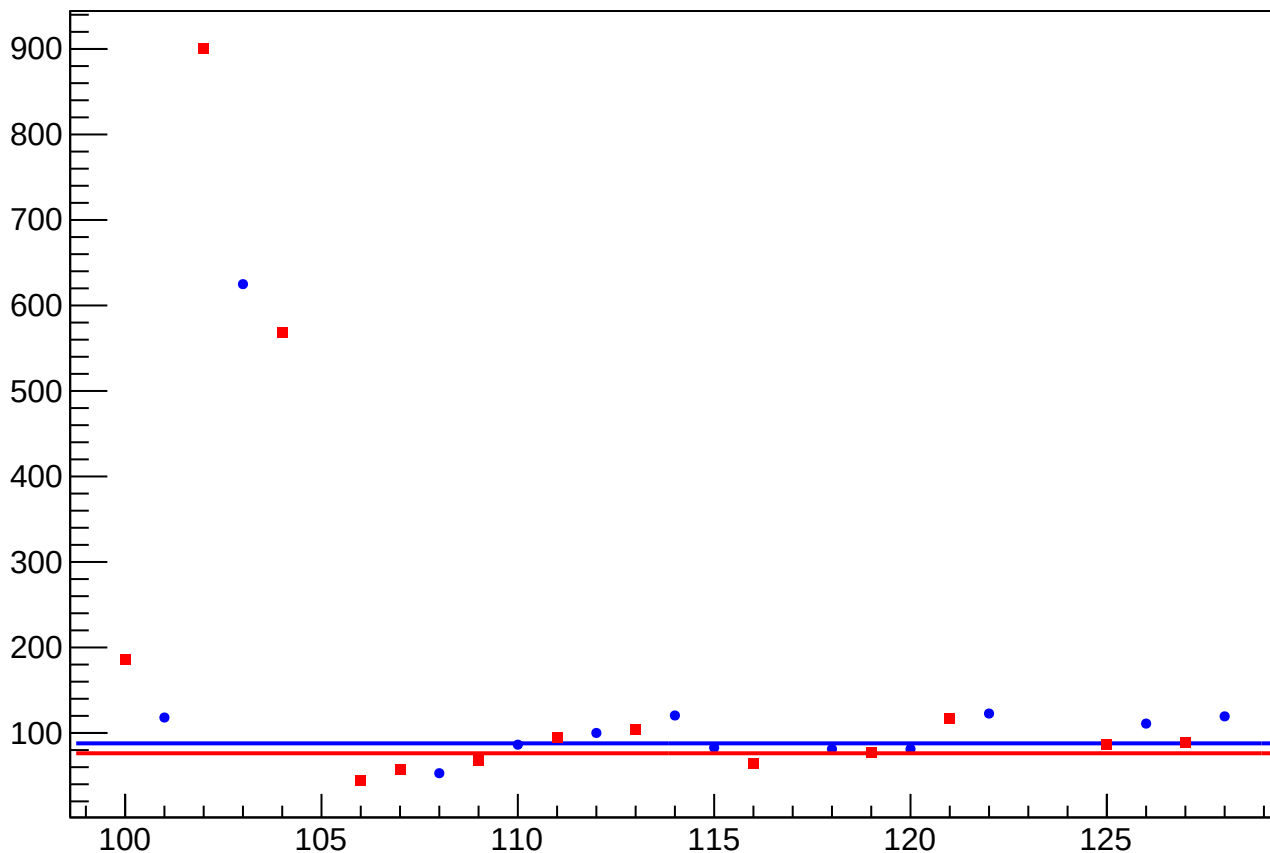
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.043 $\pm$ 0.030 χ^2 /NDF: 17.9/24

- 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: 87.853+/-0.031 χ^2/NDF : 1470722.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.259+/-0.028 χ^2/NDF : 2130857.7/12

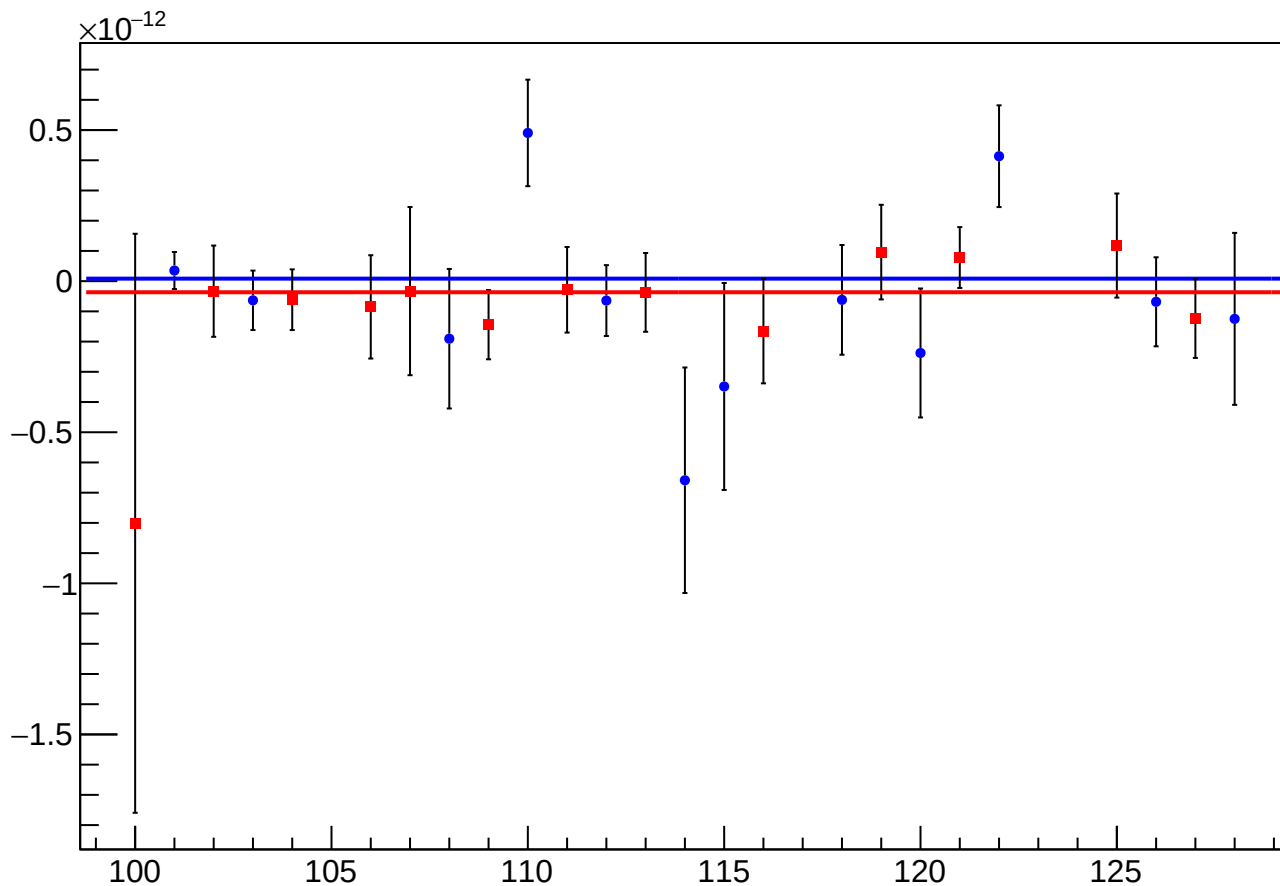
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.502+/-0.021 χ^2/NDF : 3676778.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 21.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.5/12

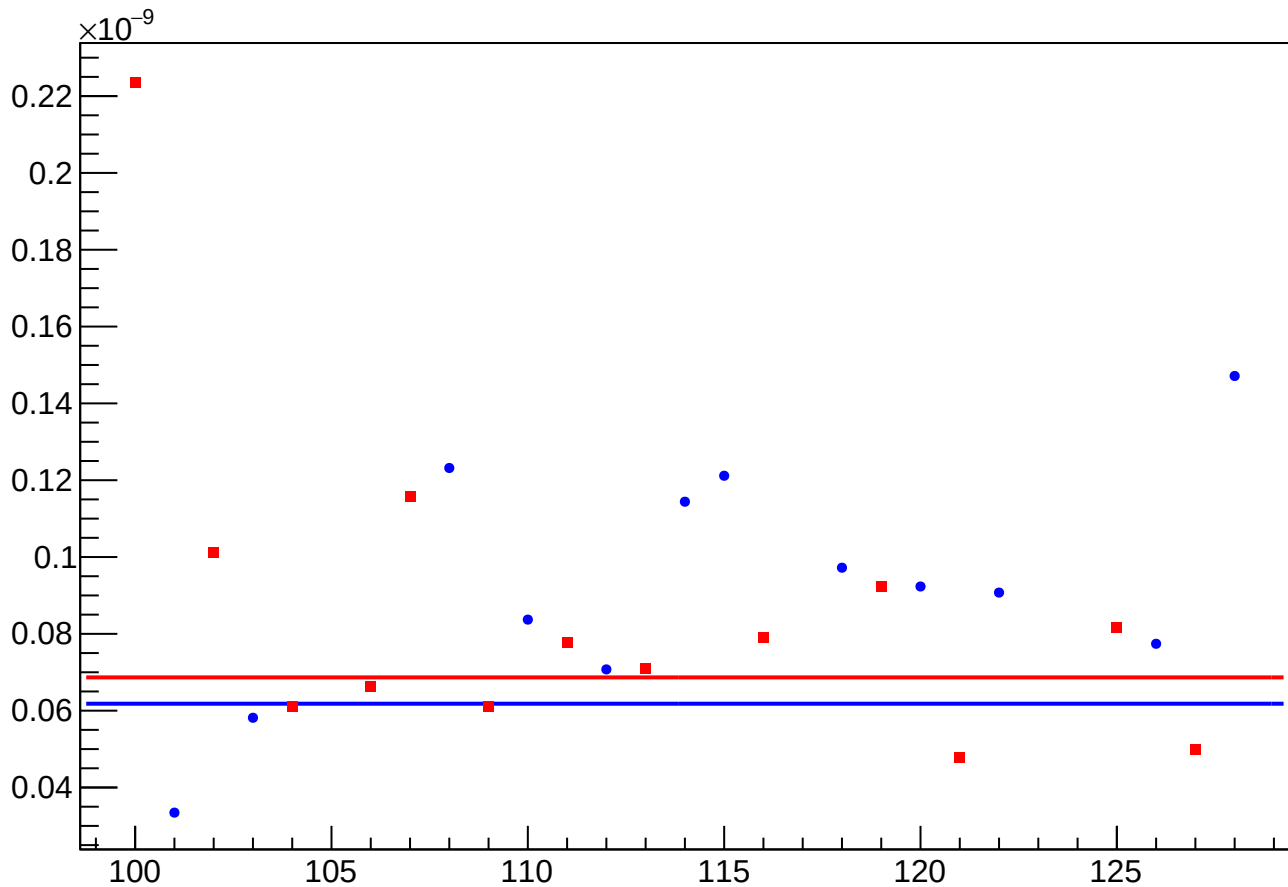
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.5/24

- sign 0.000+/-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 : 1092769.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 422568.1/12

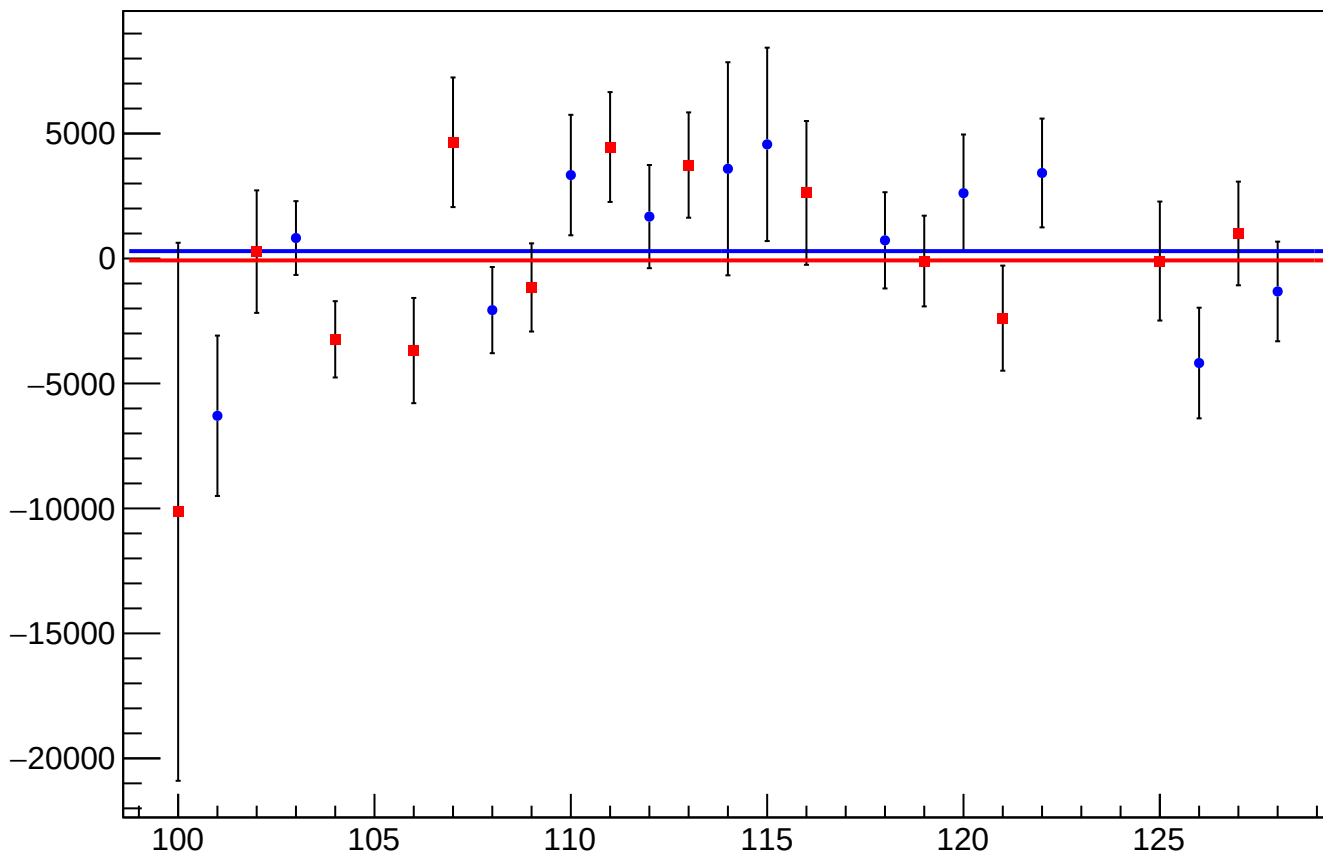
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1545756.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 295.413+/-627.471 χ^2/NDF : 17.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -76.663+/-598.512 χ^2/NDF : 21.7/12

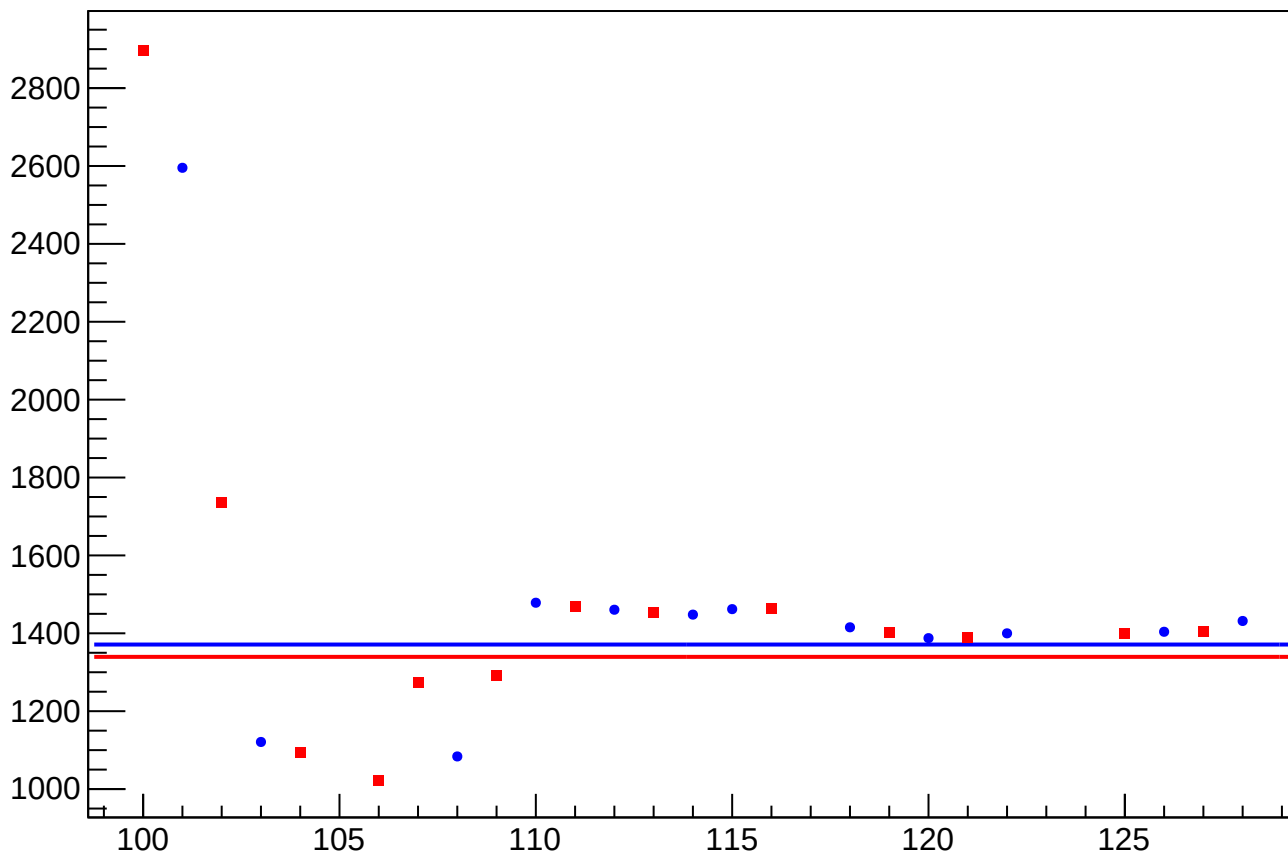
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.591+/-433.088 χ^2/NDF : 39.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1371.159+/-0.444 χ^2/NDF : 417454.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

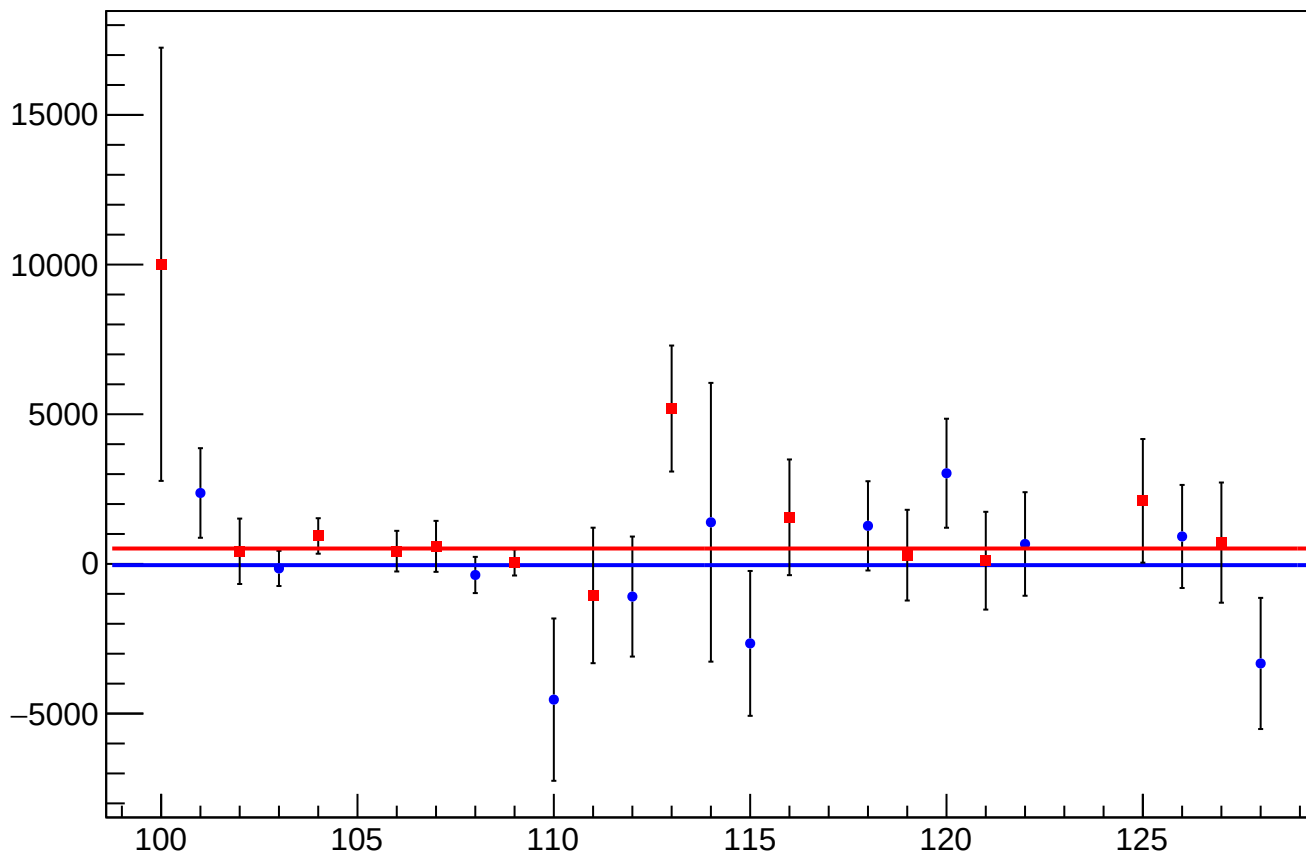
Right Out: 1339.504+/-0.423 χ^2/NDF : 217204.0/12

All: 1354.584+/-0.306 χ^2/NDF : 637323.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_reg_correction_mean vs Slug



Right In: -41.076 ± 346.982 χ^2/NDF : 13.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 514.485 ± 263.256 χ^2/NDF : 9.8/12

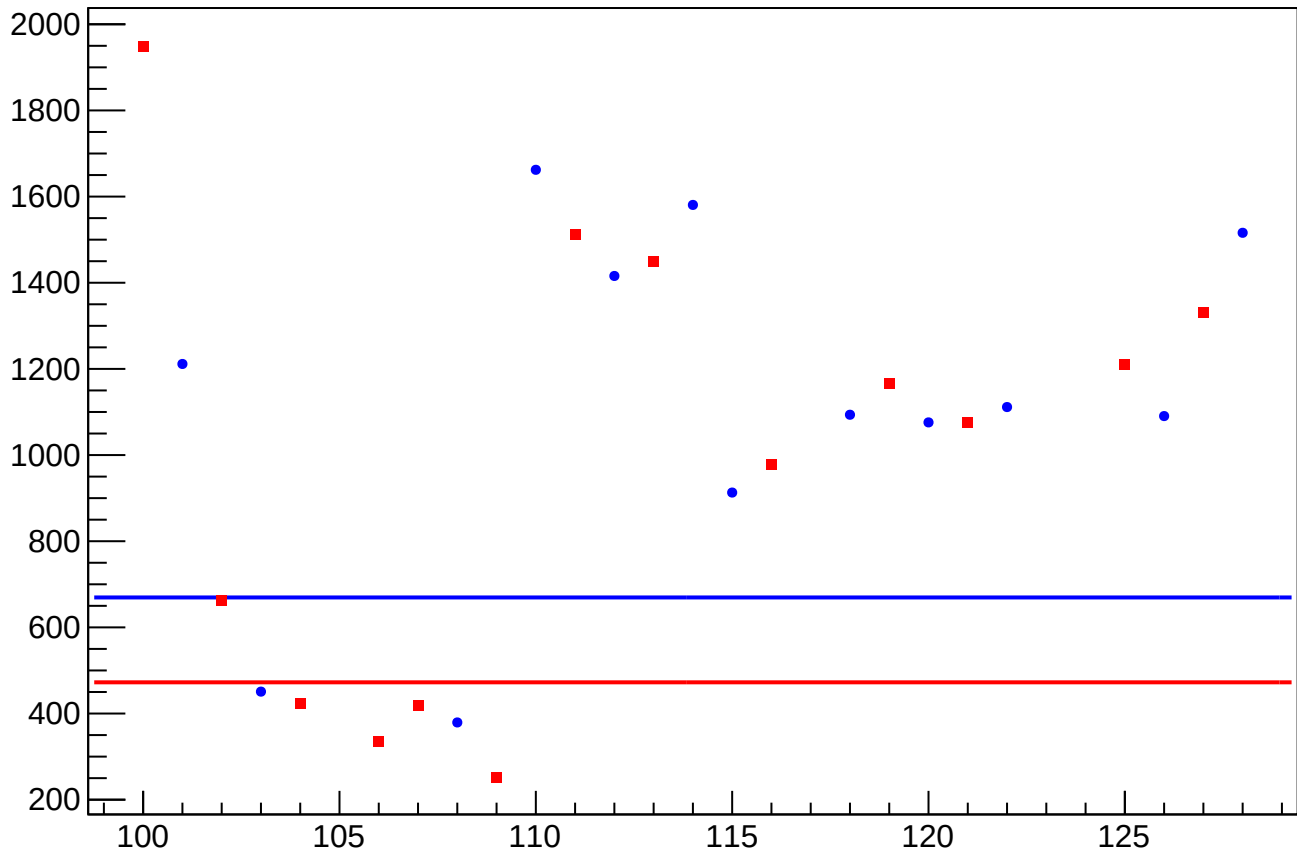
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 311.520 ± 209.726 χ^2/NDF : 24.9/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_reg_correction_rms vs Slug



Right In: 669.459+/-0.245 χ^2/NDF : 2451222.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 472.443+/-0.186 χ^2/NDF : 3060343.8/12

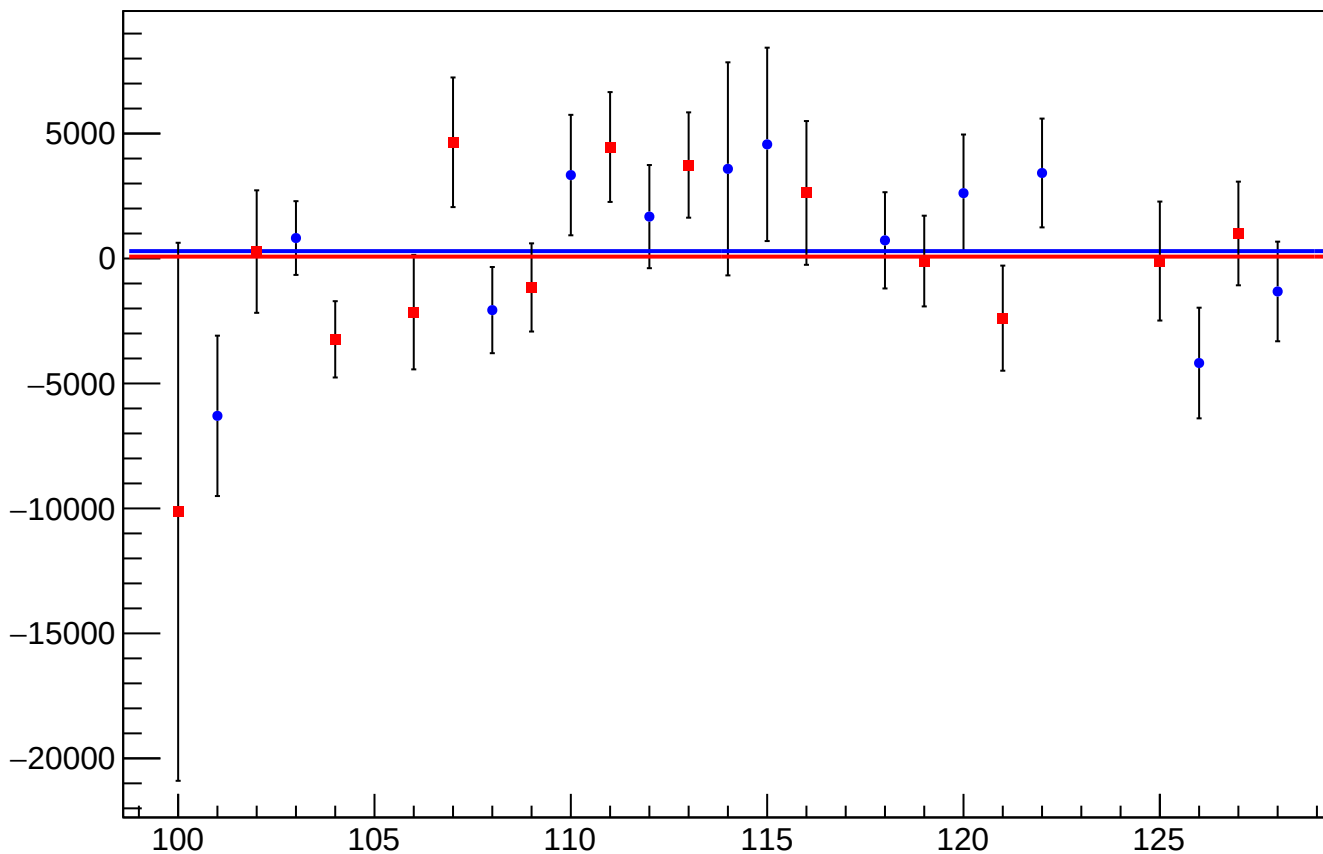
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 544.419+/-0.148 χ^2/NDF : 5920793.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 295.253+/-627.471 χ^2/NDF : 17.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.681+/-602.289 χ^2/NDF : 19.5/12

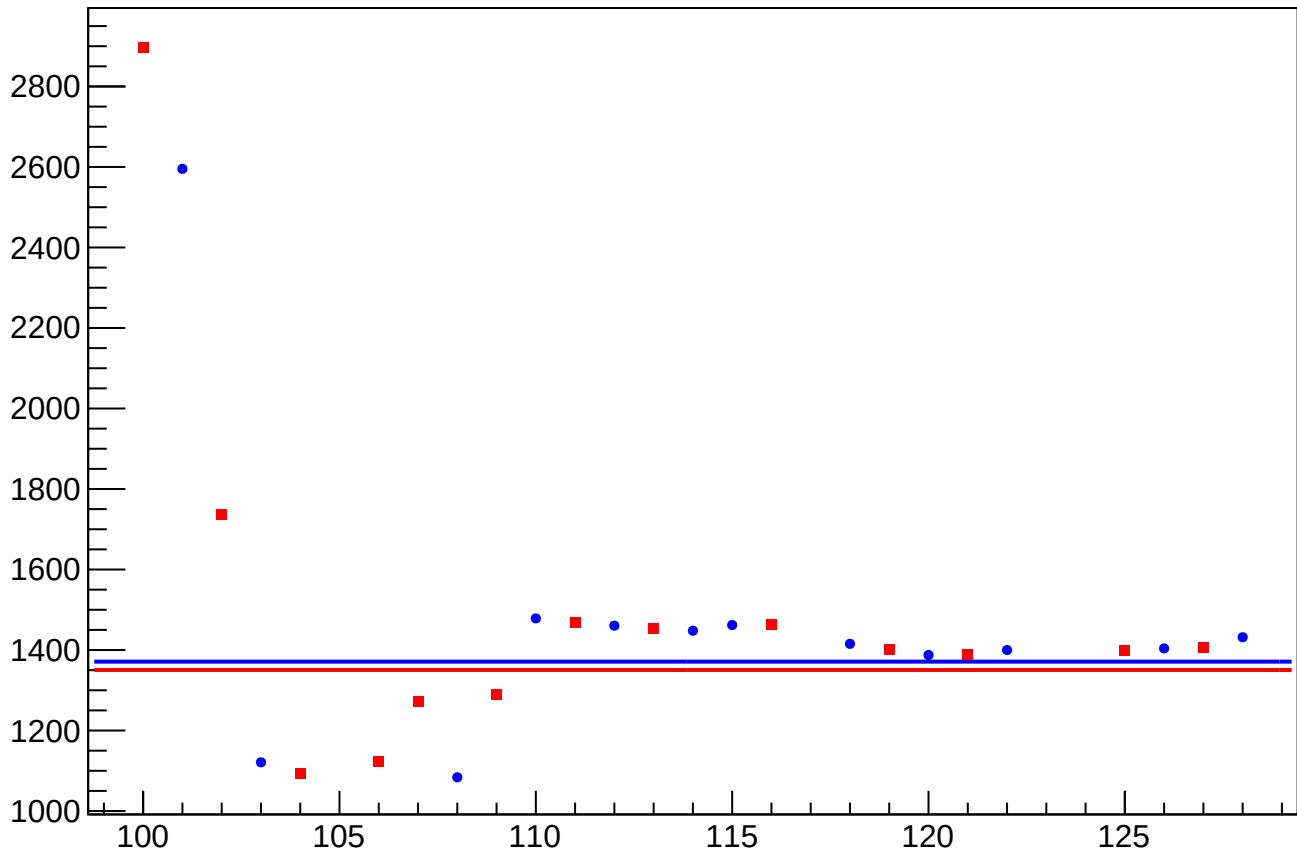
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.973+/-434.512 χ^2/NDF : 37.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1371.159+/-0.444 χ^2/NDF : 417454.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1350.374+/-0.426 χ^2/NDF : 189338.1/12

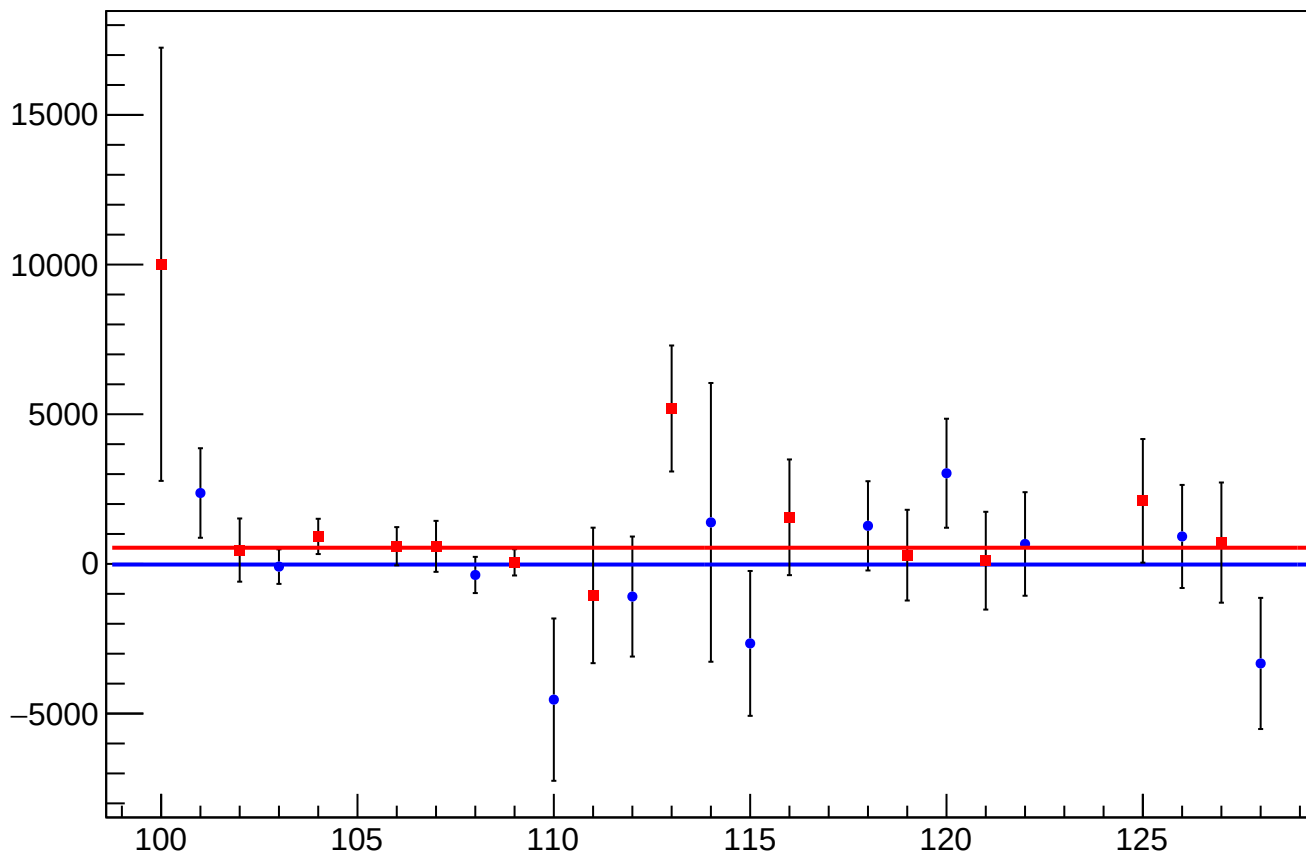
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1360.341+/-0.307 χ^2/NDF : 607934.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_correction_mean vs Slug



Right In: -21.236+/-344.641 χ^2/NDF : 13.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 540.335+/-259.854 χ^2/NDF : 9.7/12

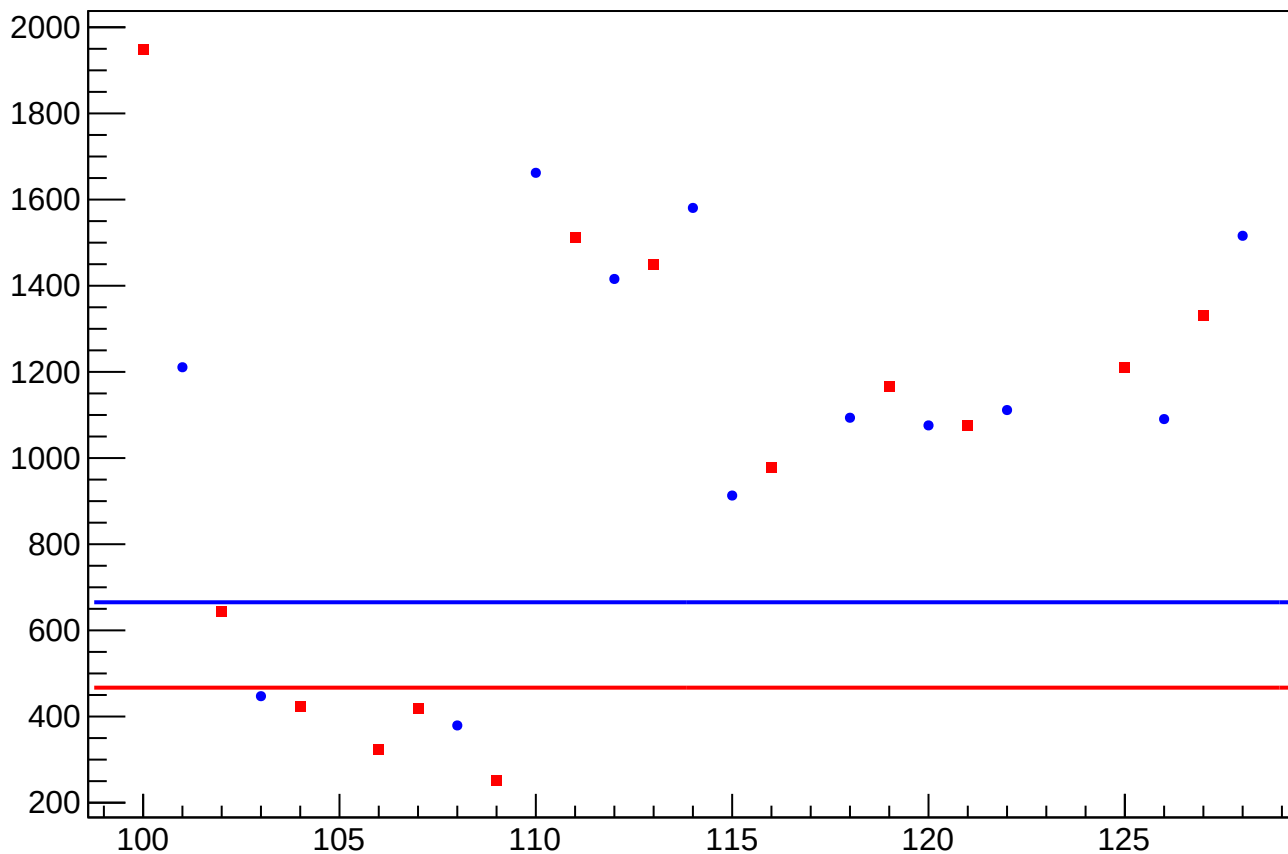
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 336.796+/-207.486 χ^2/NDF : 24.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_cor_correction_rms vs Slug



Right In: 665.240+/-0.244 χ^2/NDF : 2470869.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

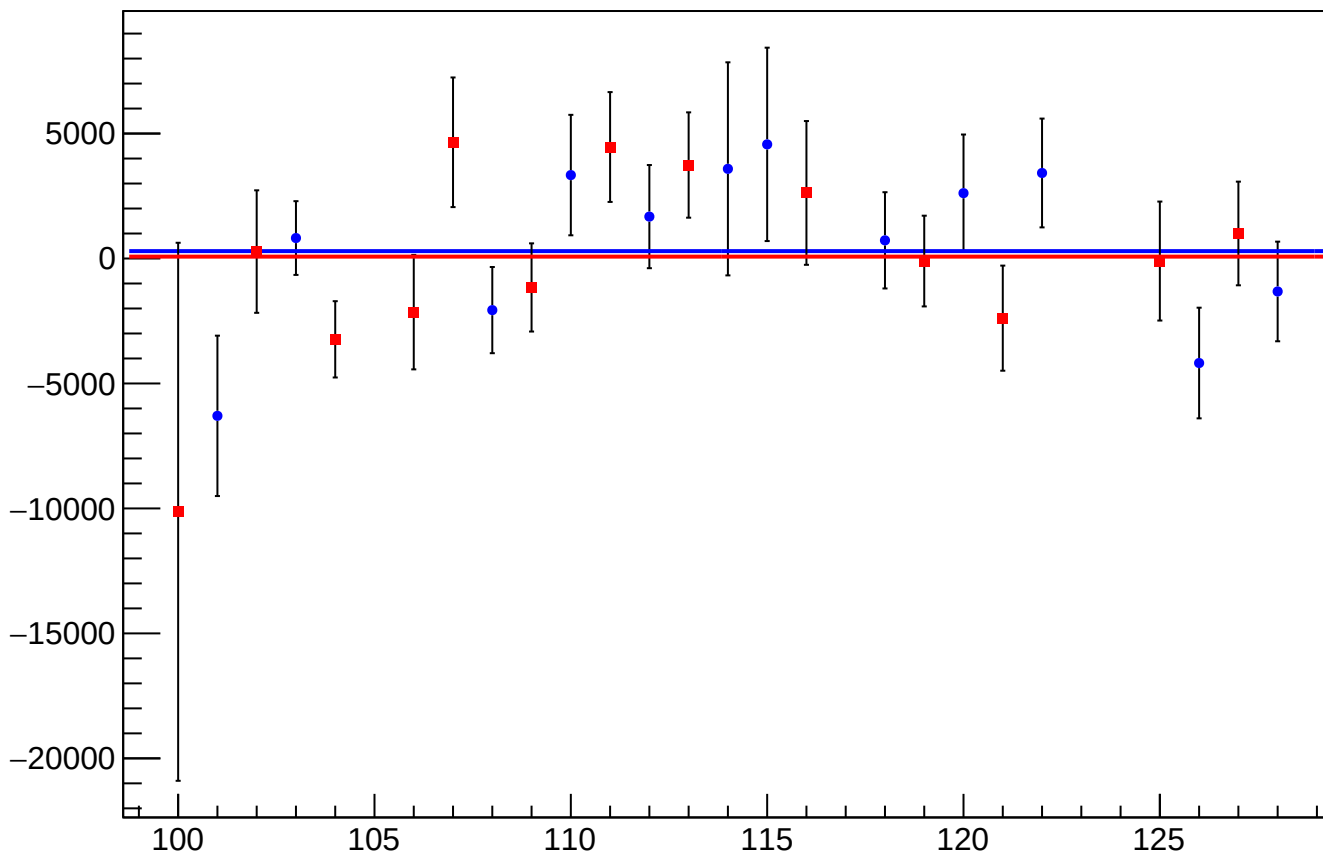
Right Out: 467.037+/-0.184 χ^2/NDF : 3079267.1/12

All: 538.875+/-0.147 χ^2/NDF : 5971867.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 295.253+/-627.471 χ^2/NDF : 17.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.681+/-602.289 χ^2/NDF : 19.5/12

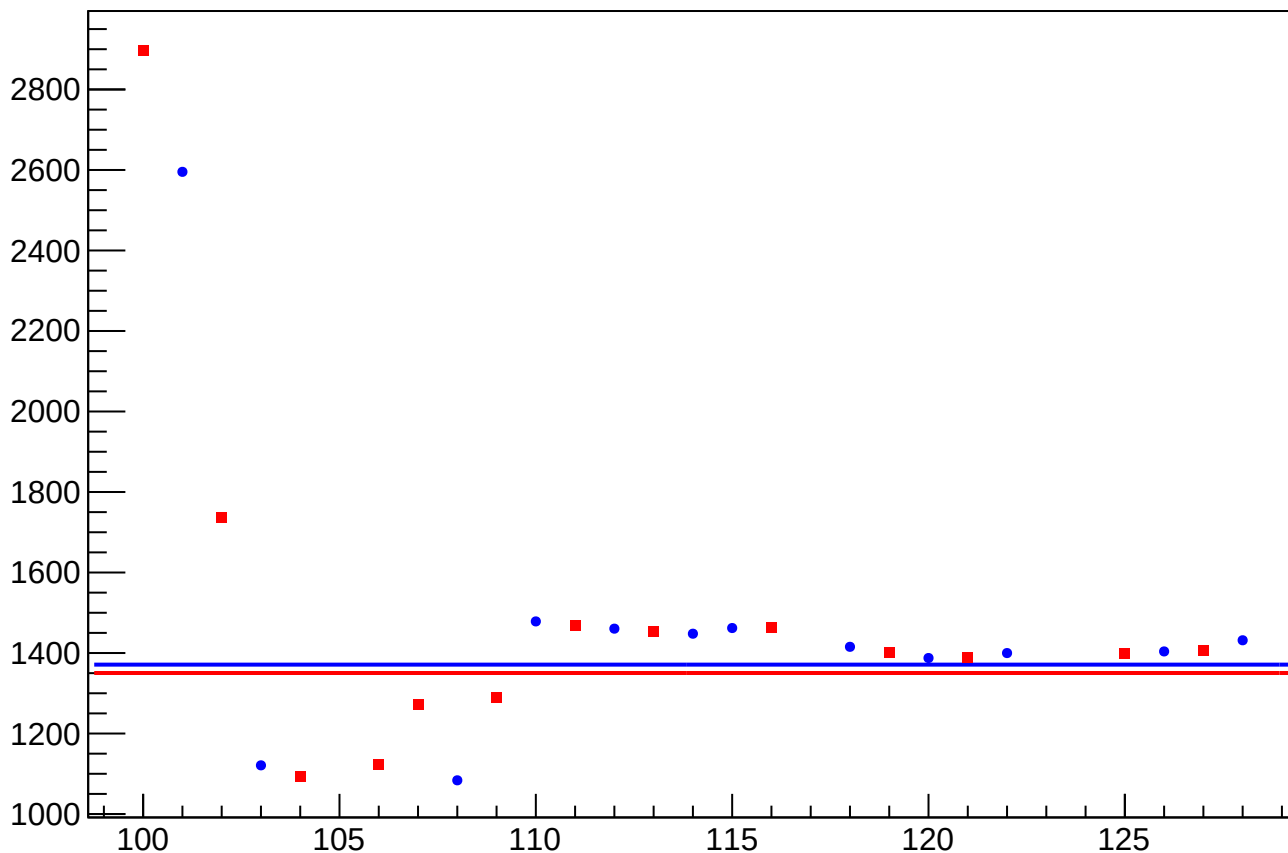
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.973+/-434.512 χ^2/NDF : 37.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1371.159+/-0.444 χ^2/NDF : 417454.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1350.374+/-0.426 χ^2/NDF : 189338.1/12

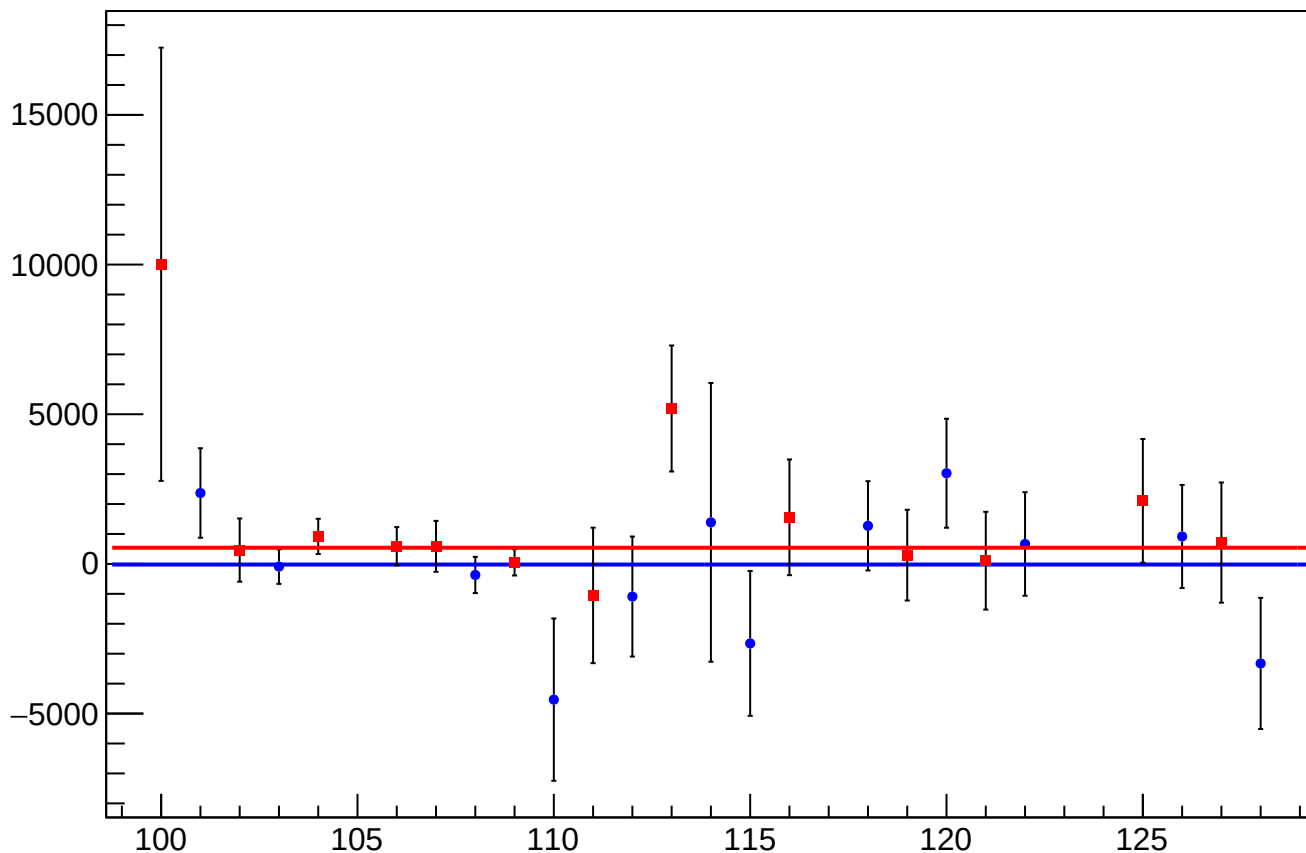
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1360.341+/-0.307 χ^2/NDF : 607934.6/24

- 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: -21.236 $\pm$ 344.641 χ^2 /NDF: 13.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 540.335 $\pm$ 259.854 χ^2 /NDF: 9.7/12

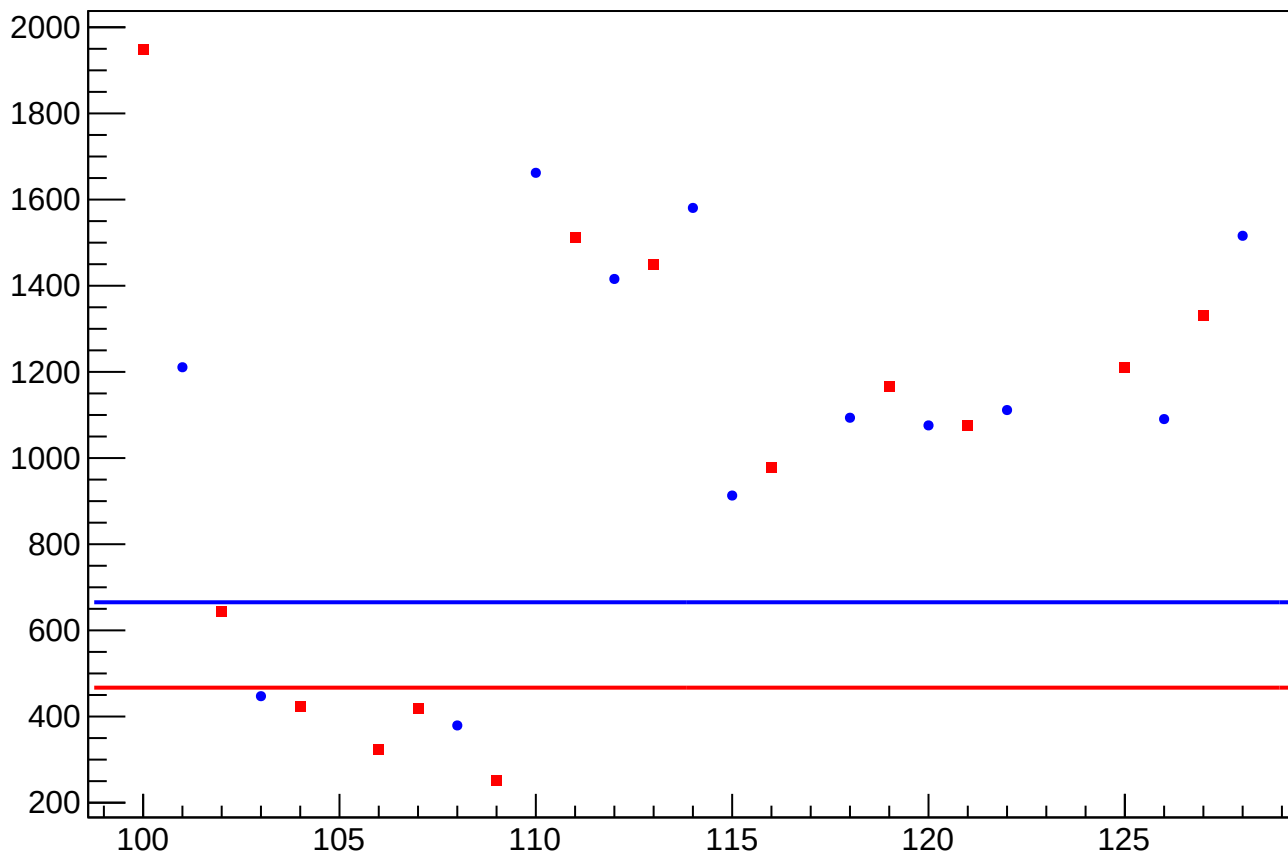
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 336.796 $\pm$ 207.486 χ^2 /NDF: 24.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_rms vs Slug



Right In: 665.240+/-0.244 χ^2/NDF : 2470869.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

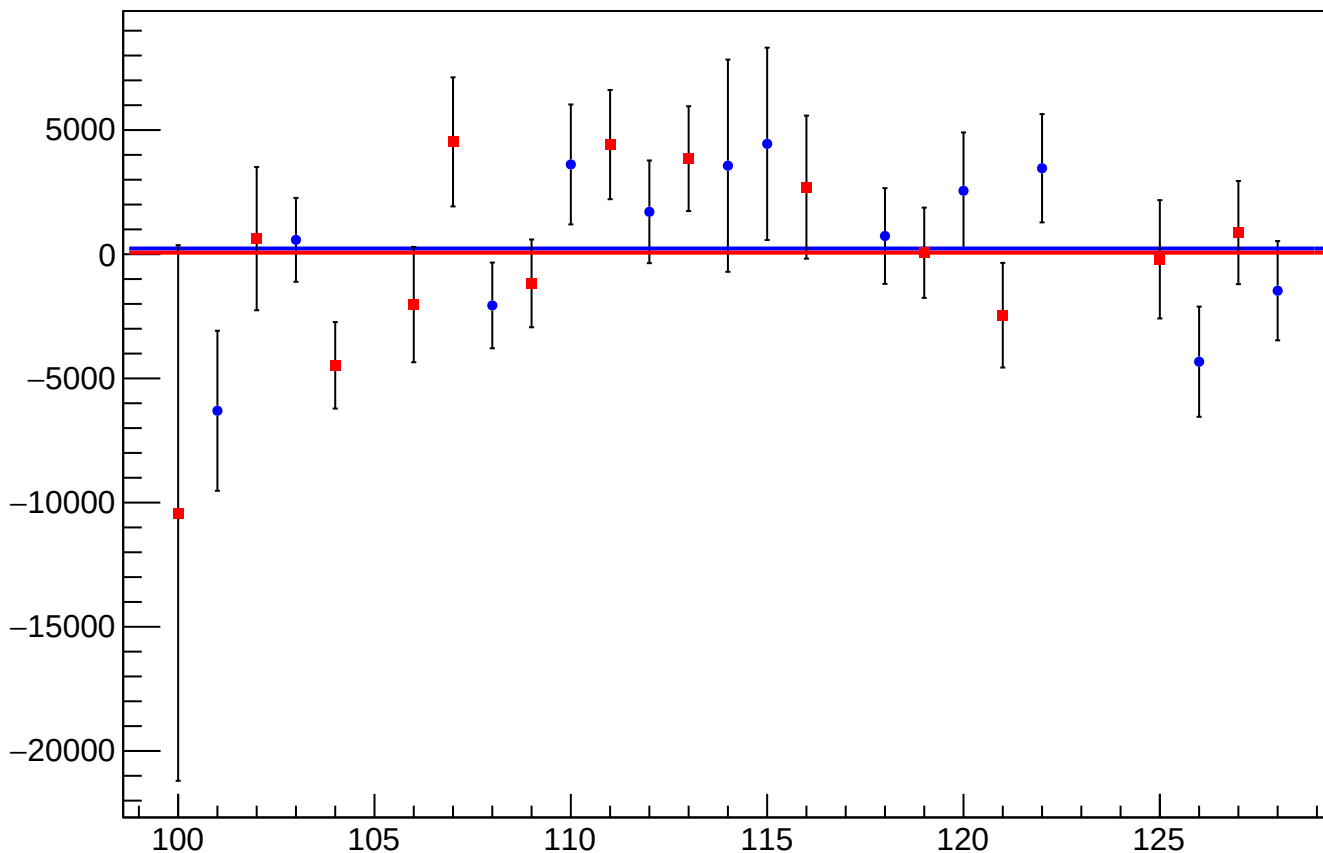
Right Out: 467.037+/-0.184 χ^2/NDF : 3079267.1/12

All: 538.875+/-0.147 χ^2/NDF : 5971867.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 229.859 $\pm$ 642.258 χ^2 /NDF: 18.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 62.885 $\pm$ 620.188 χ^2 /NDF: 21.6/12

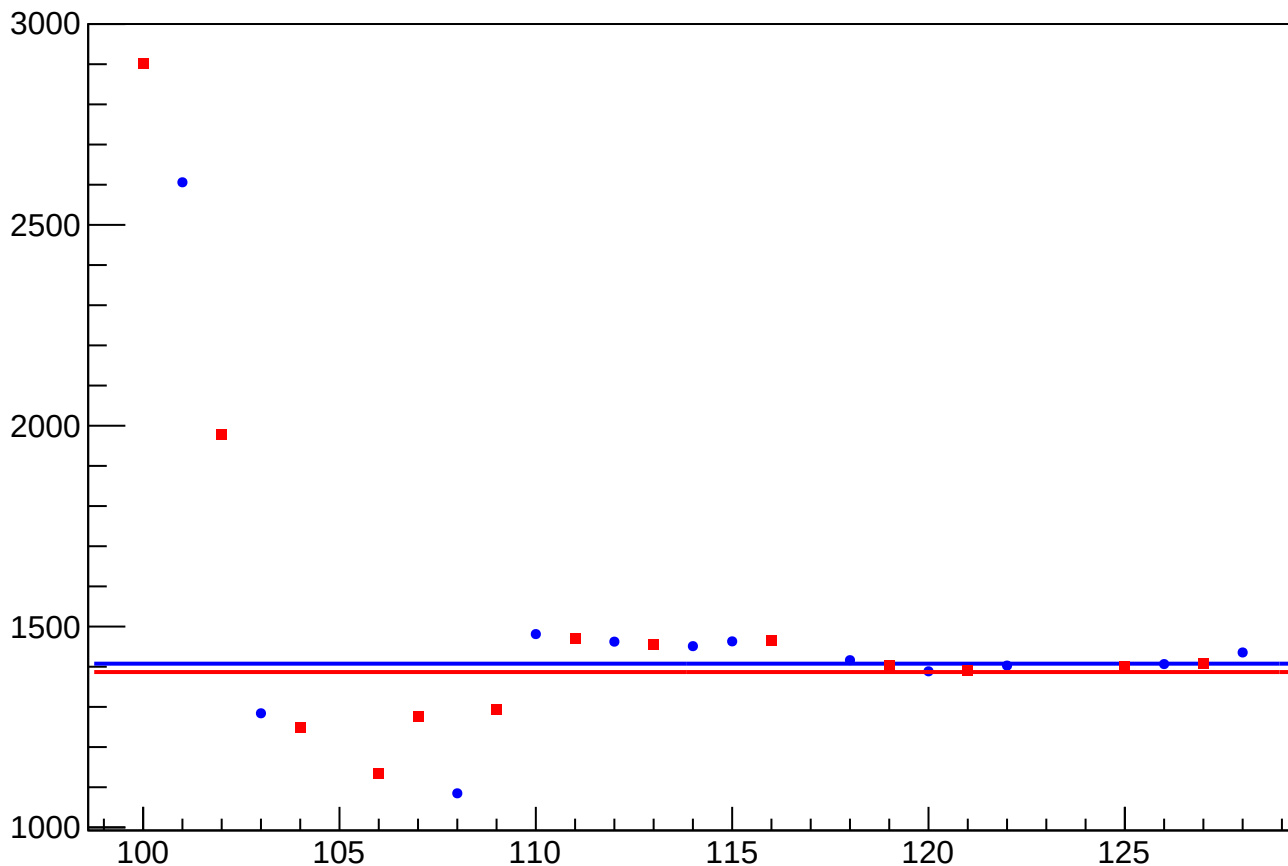
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 143.454 $\pm$ 446.137 χ^2 /NDF: 40.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1407.625+/-0.454 χ^2/NDF : 361682.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1386.772+/-0.439 χ^2/NDF : 176283.1/12

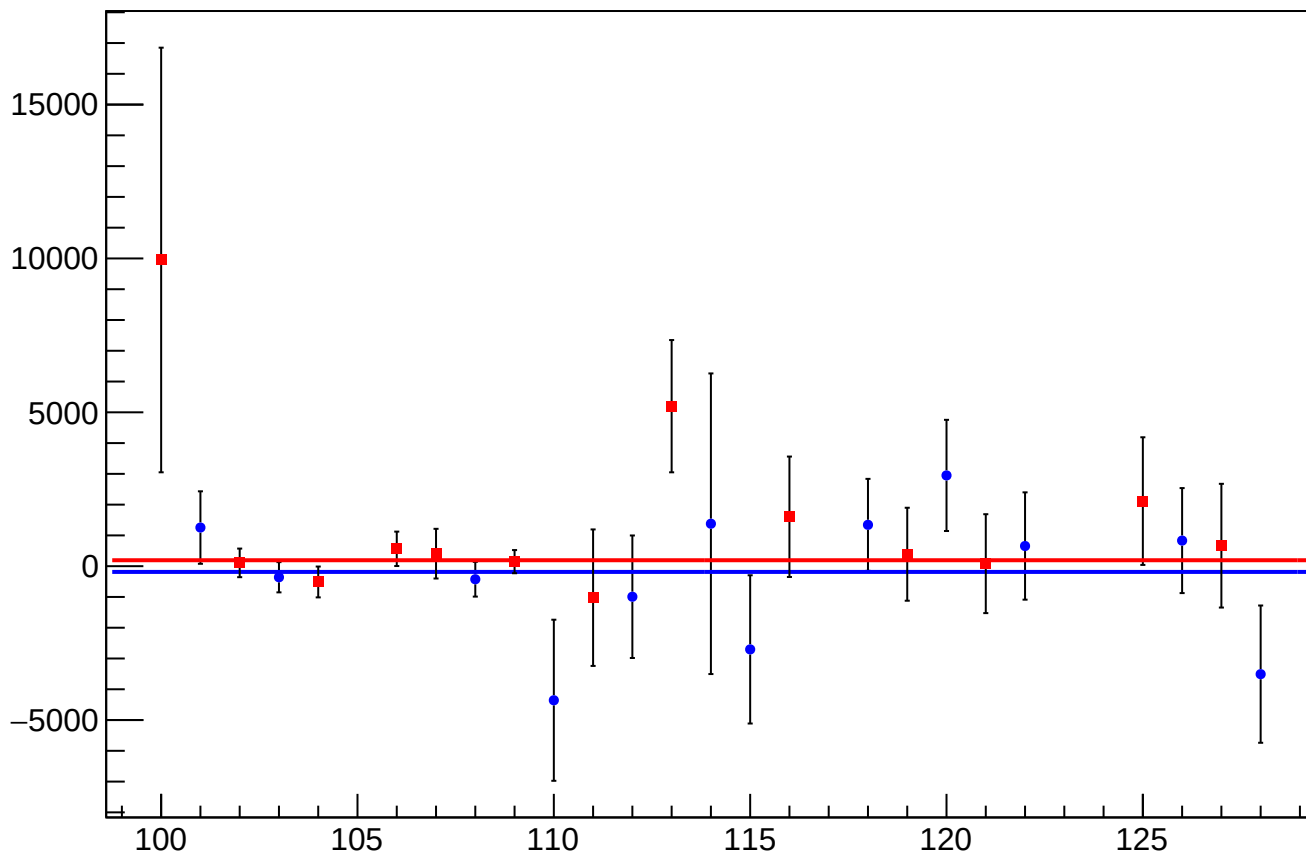
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1396.834+/-0.315 χ^2/NDF : 539057.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_dit_correction_mean vs Slug



Right In: -186.455+/-312.444 χ^2/NDF : 12.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 193.003+/-211.202 χ^2/NDF : 11.7/12

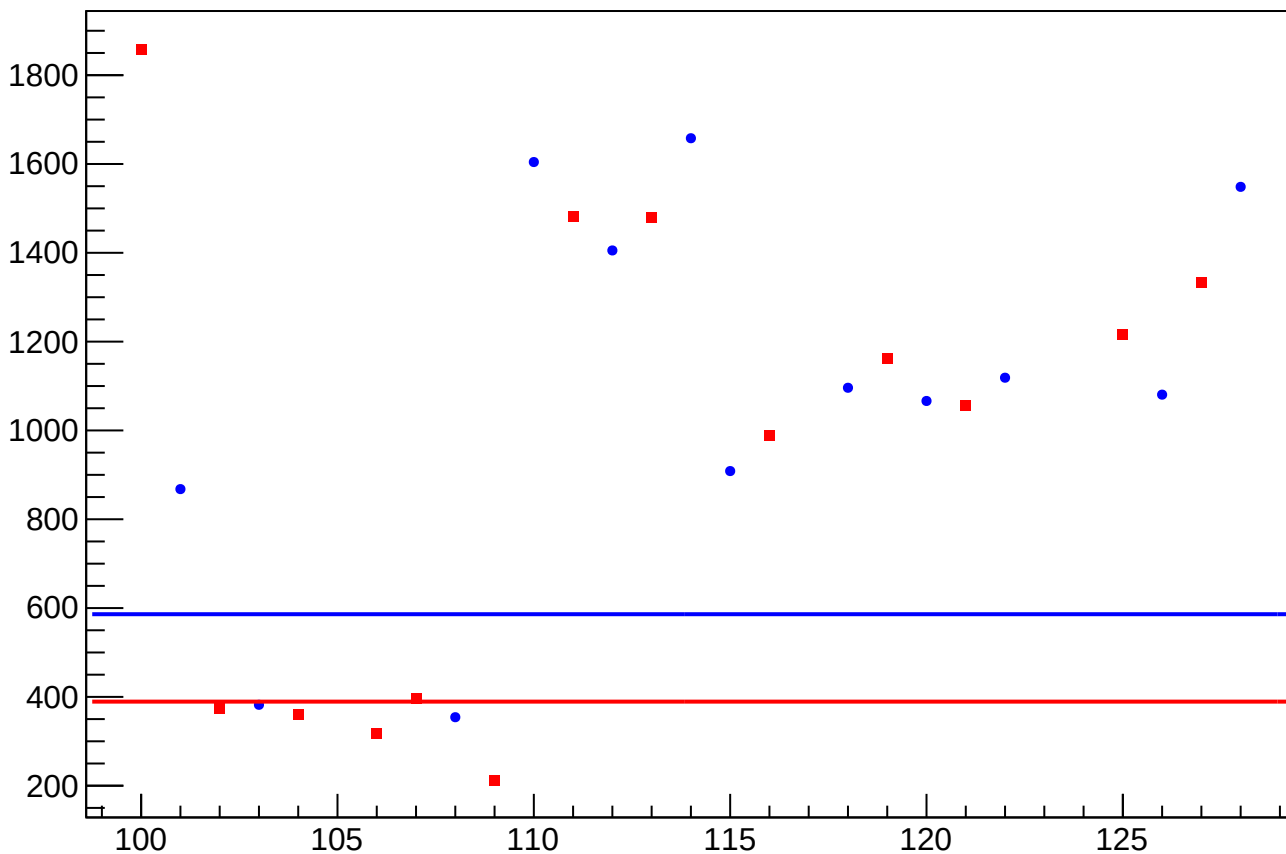
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.995+/-174.976 χ^2/NDF : 25.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_dit_correction_rms vs Slug



Right In: 586.189+/-0.221 χ^2/NDF : 2671648.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

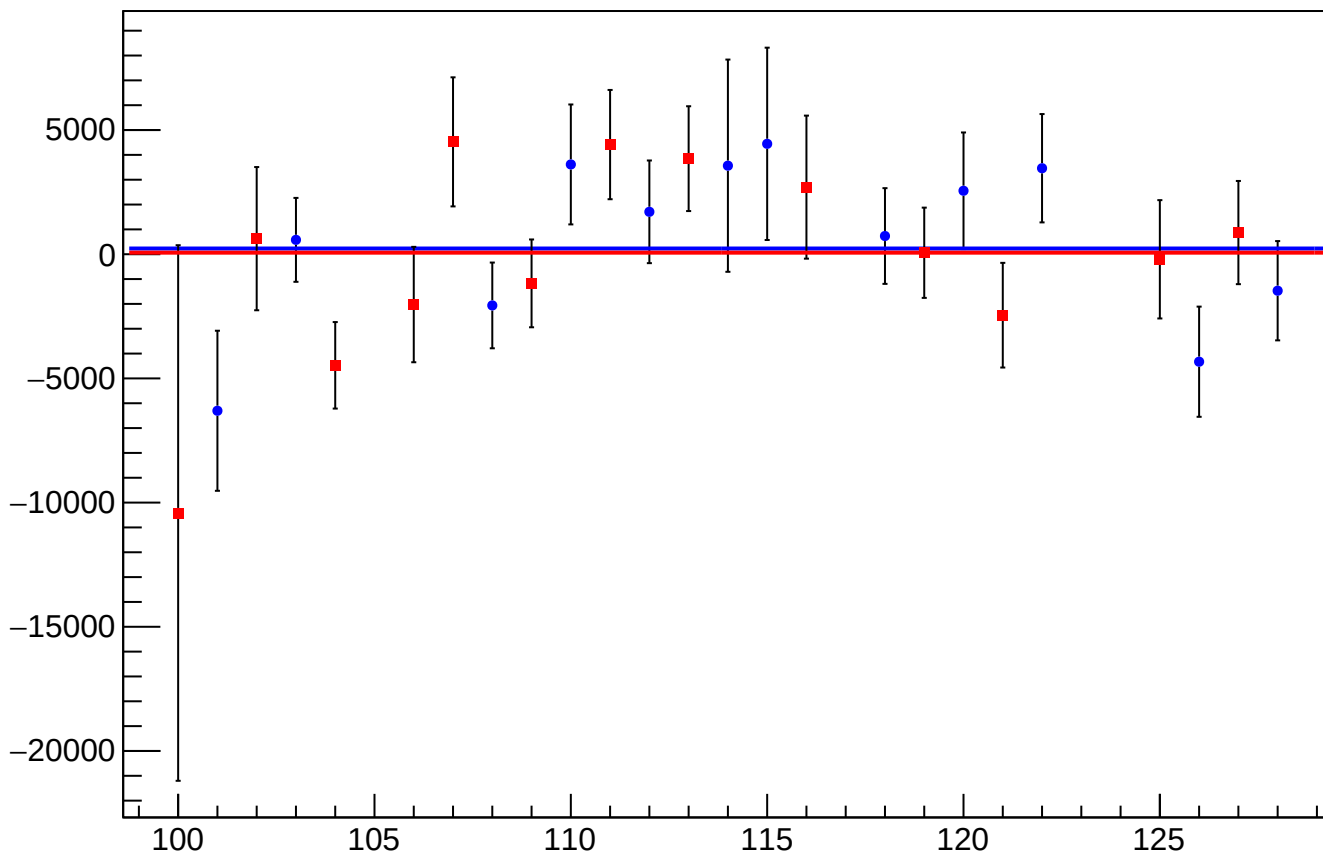
Right Out: 389.350+/-0.149 χ^2/NDF : 3393470.3/12

All: 451.083+/-0.124 χ^2/NDF : 6609958.6/24

- 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: 229.854 $\pm$ 642.258 χ^2 /NDF: 18.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 62.887 $\pm$ 620.188 χ^2 /NDF: 21.6/12

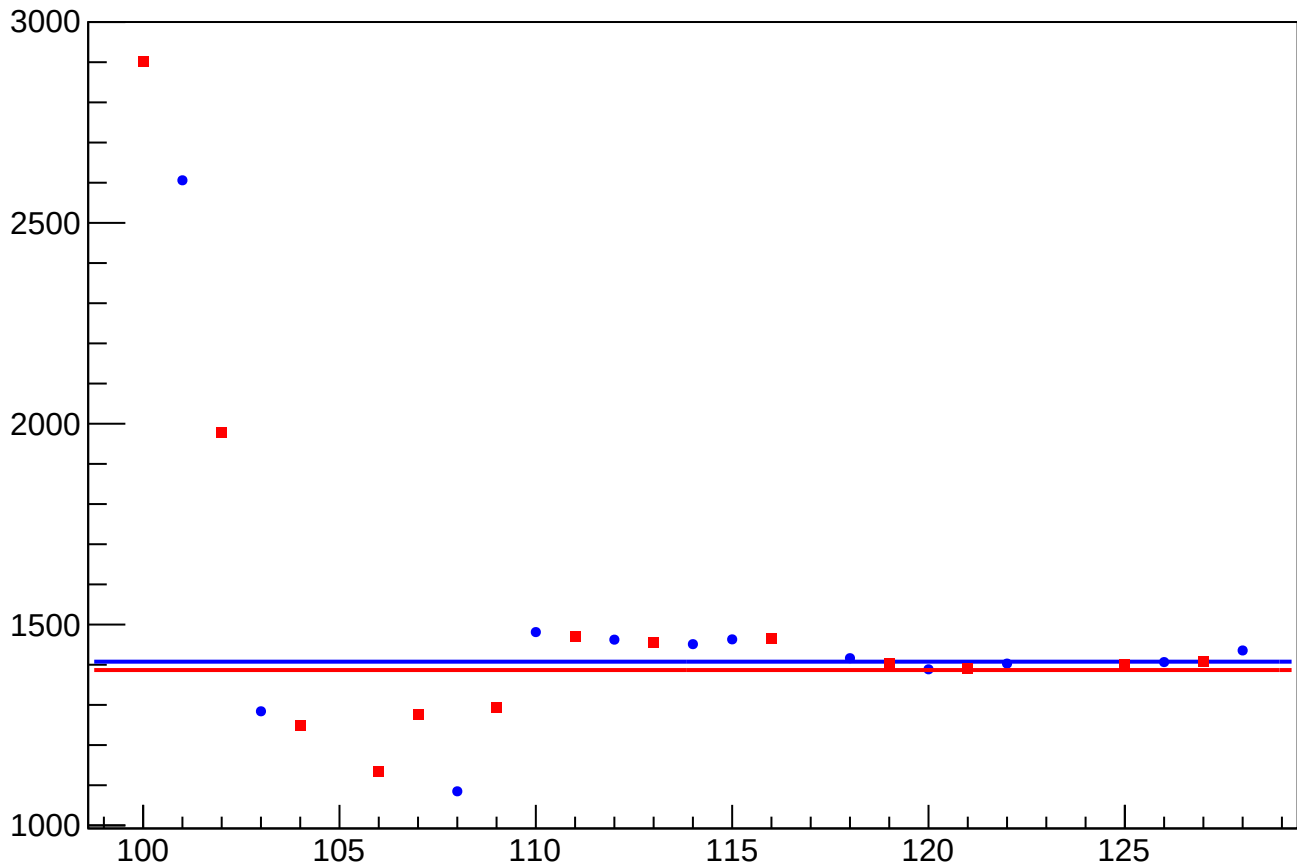
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 143.452 $\pm$ 446.137 χ^2 /NDF: 40.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1407.625+/-0.454 χ^2/NDF : 361682.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

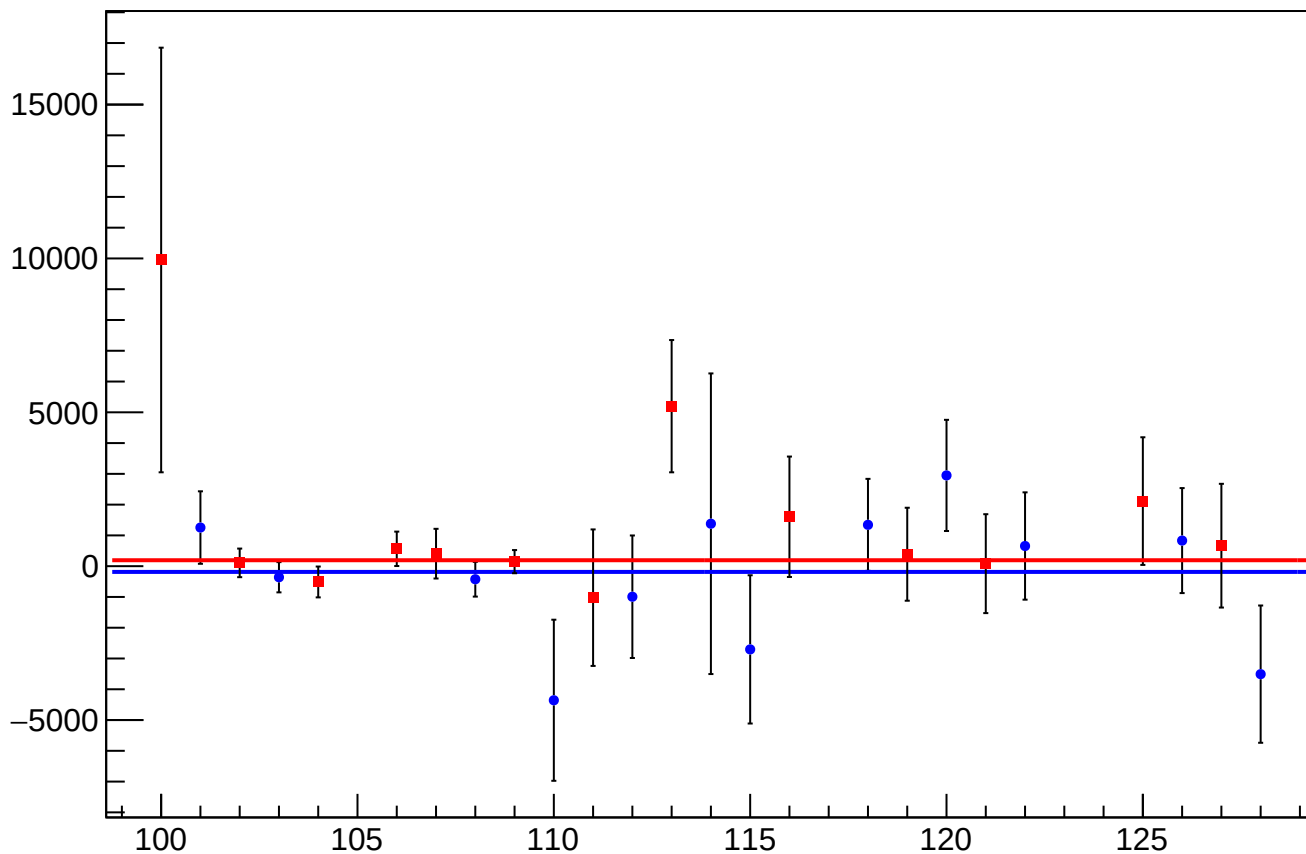
Right Out: 1386.771+/-0.439 χ^2/NDF : 176283.1/12

All: 1396.834+/-0.315 χ^2/NDF : 539056.8/24

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_at2lr_dd_dd_eigen_dit_correction_mean vs Slug



Right In: -186.463+/-312.440 χ^2/NDF : 12.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 192.998+/-211.203 χ^2/NDF : 11.7/12

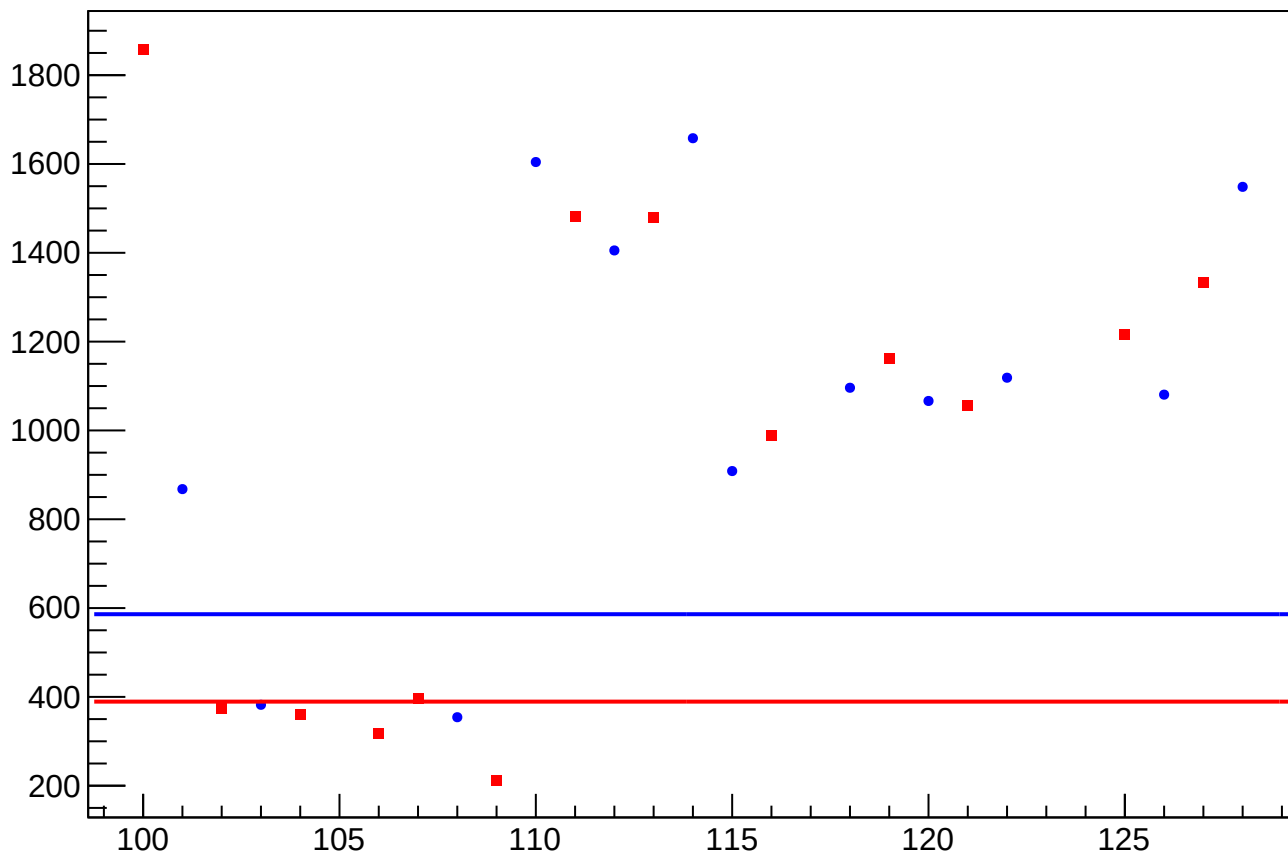
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.986+/-174.976 χ^2/NDF : 25.3/24

- 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: 586.179+/-0.221 χ^2/NDF : 2671707.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

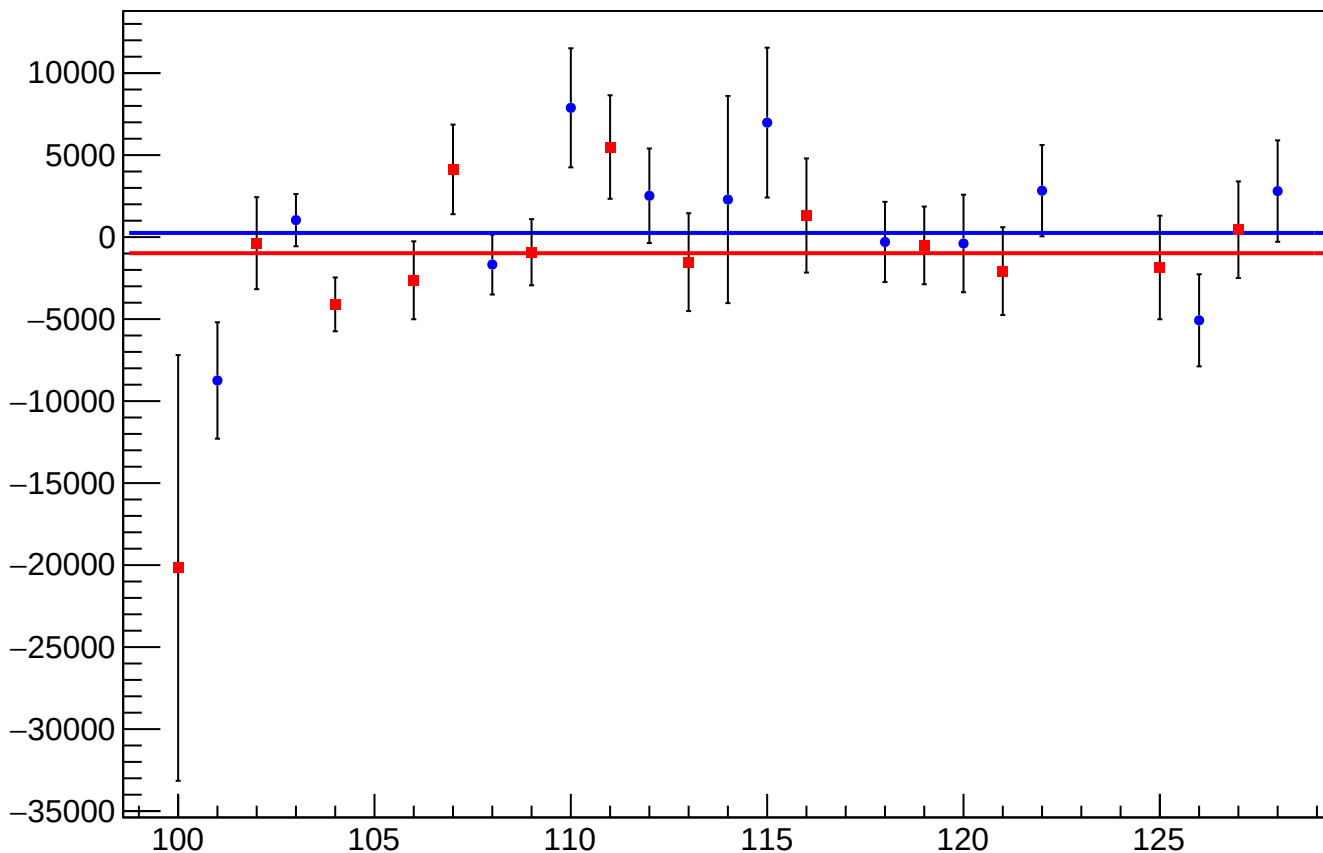
Right Out: 389.354+/-0.149 χ^2/NDF : 3393397.6/12

All: 451.085+/-0.124 χ^2/NDF : 6609872.8/24

- 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_mean vs Slug



Right In: 254.666 $\pm$ 770.983 χ^2 /NDF: 20.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -980.829 $\pm$ 727.412 χ^2 /NDF: 15.0/12

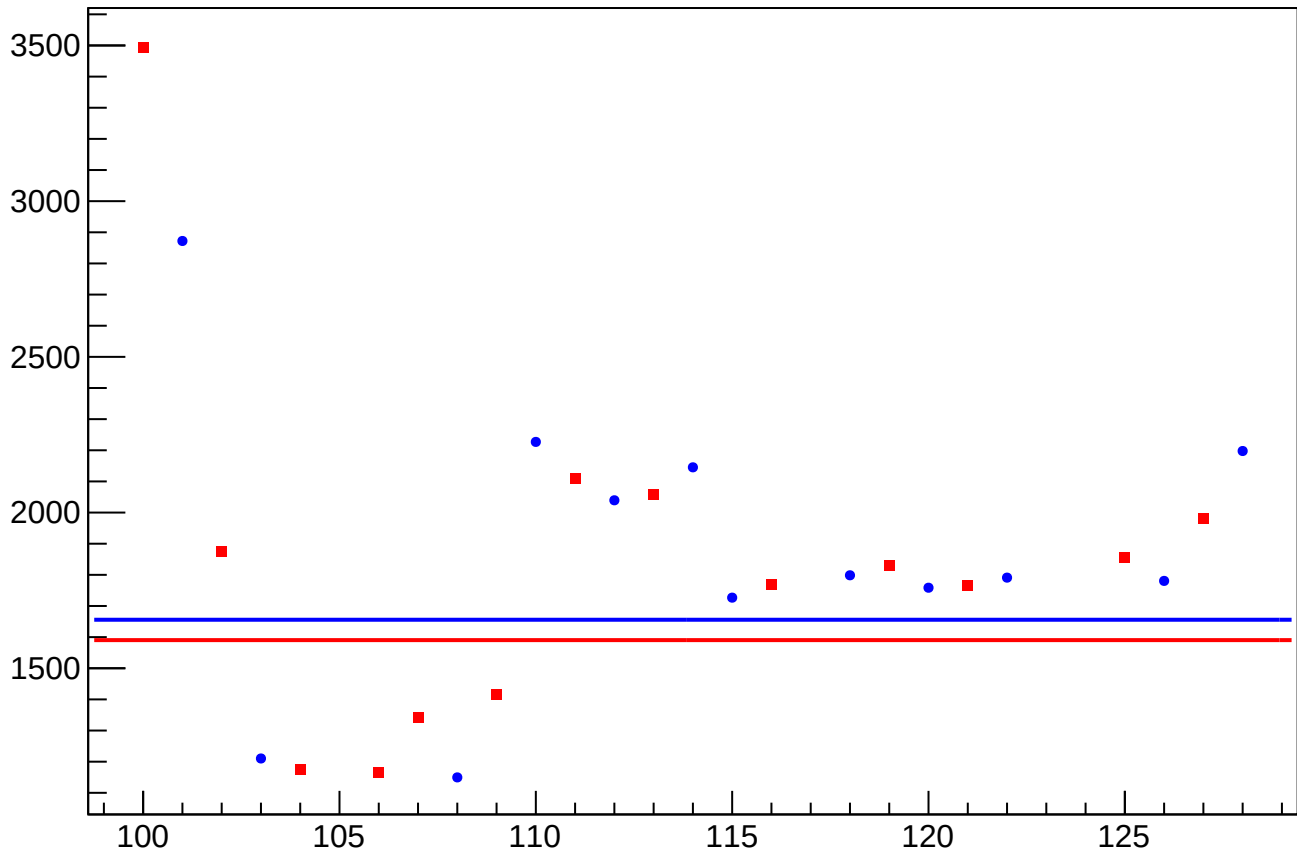
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -398.977 $\pm$ 529.091 χ^2 /NDF: 36.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1655.802 $\pm$ 0.545 χ^2 /NDF: 721360.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1590.376 $\pm$ 0.514 χ^2 /NDF: 473633.6/12

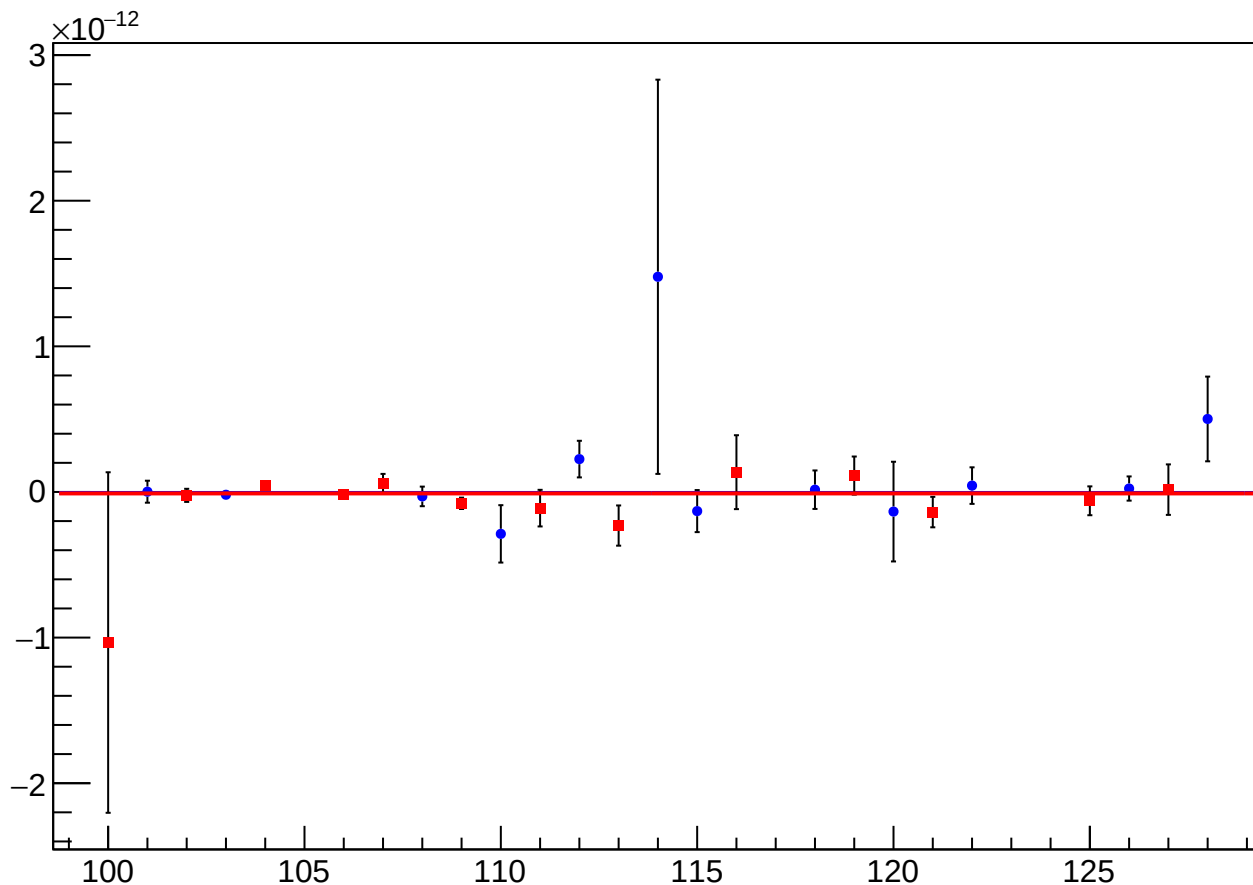
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1621.188 $\pm$ 0.374 χ^2 /NDF: 1202613.4/24

- sign 0.000 $\pm$ 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 $\pm$ 0.000 χ^2 /NDF: 11.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.1/12

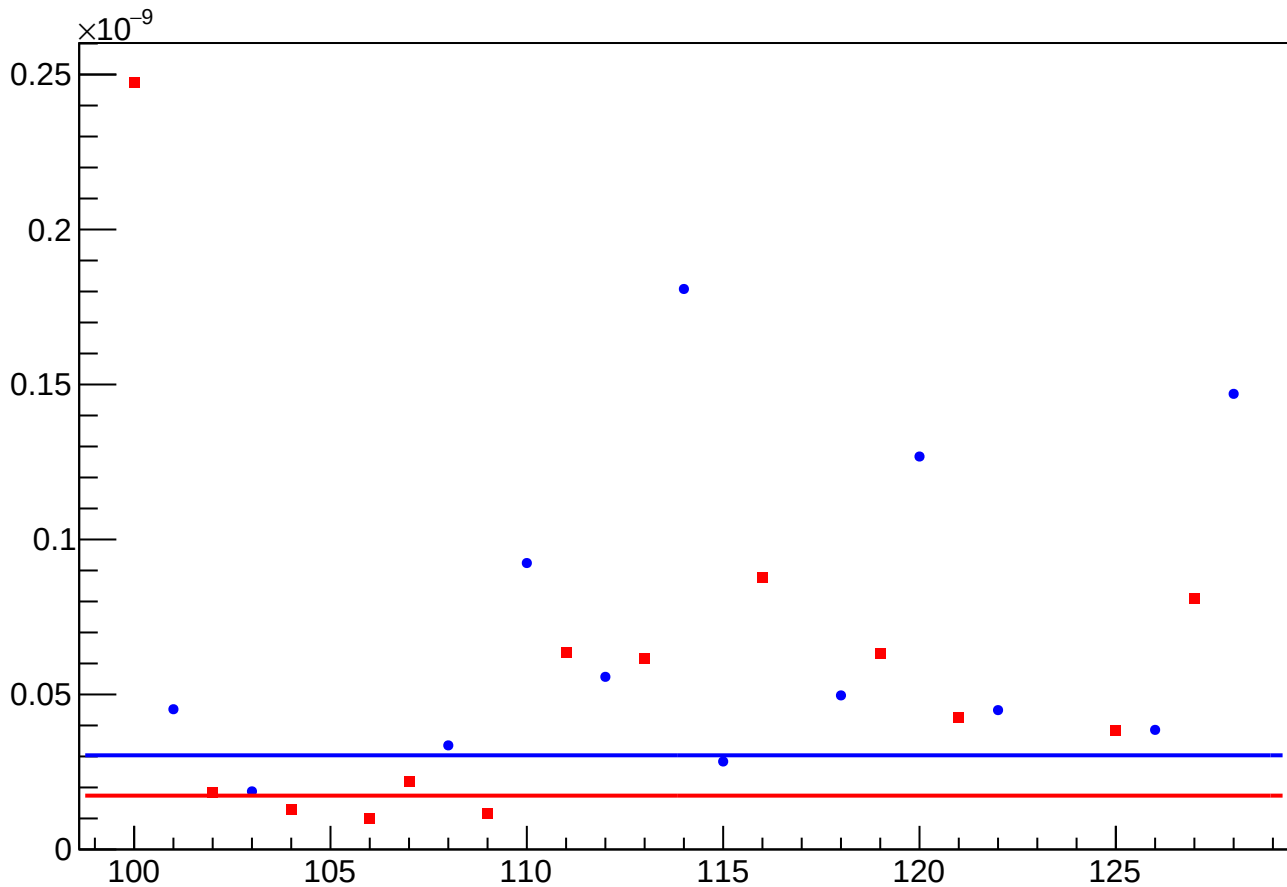
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 26.3/24

- sign 0.000 $\pm$ 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 : 1233245.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1649798.5/12

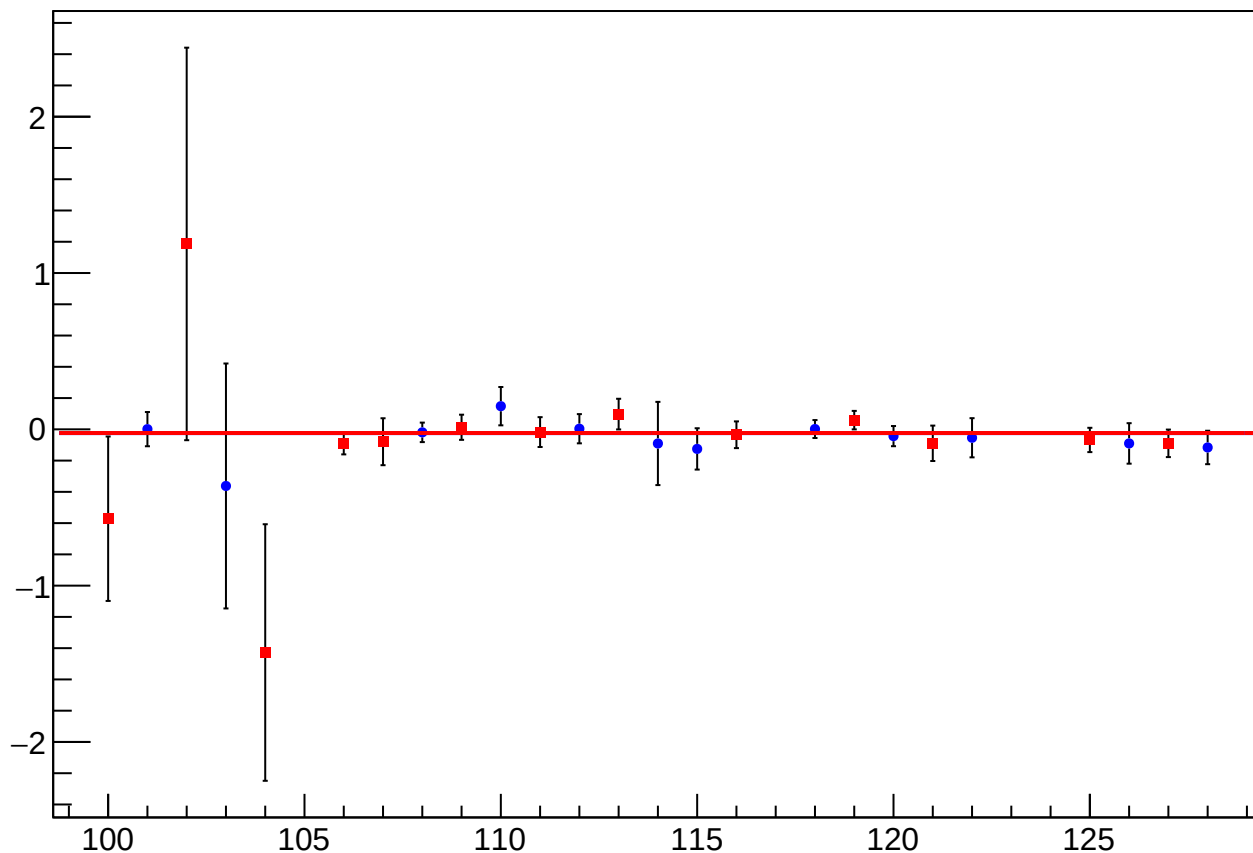
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3313667.8/24

- 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: -0.024+/-0.027 χ^2/NDF : 4.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.024+/-0.027 χ^2/NDF : 11.0/12

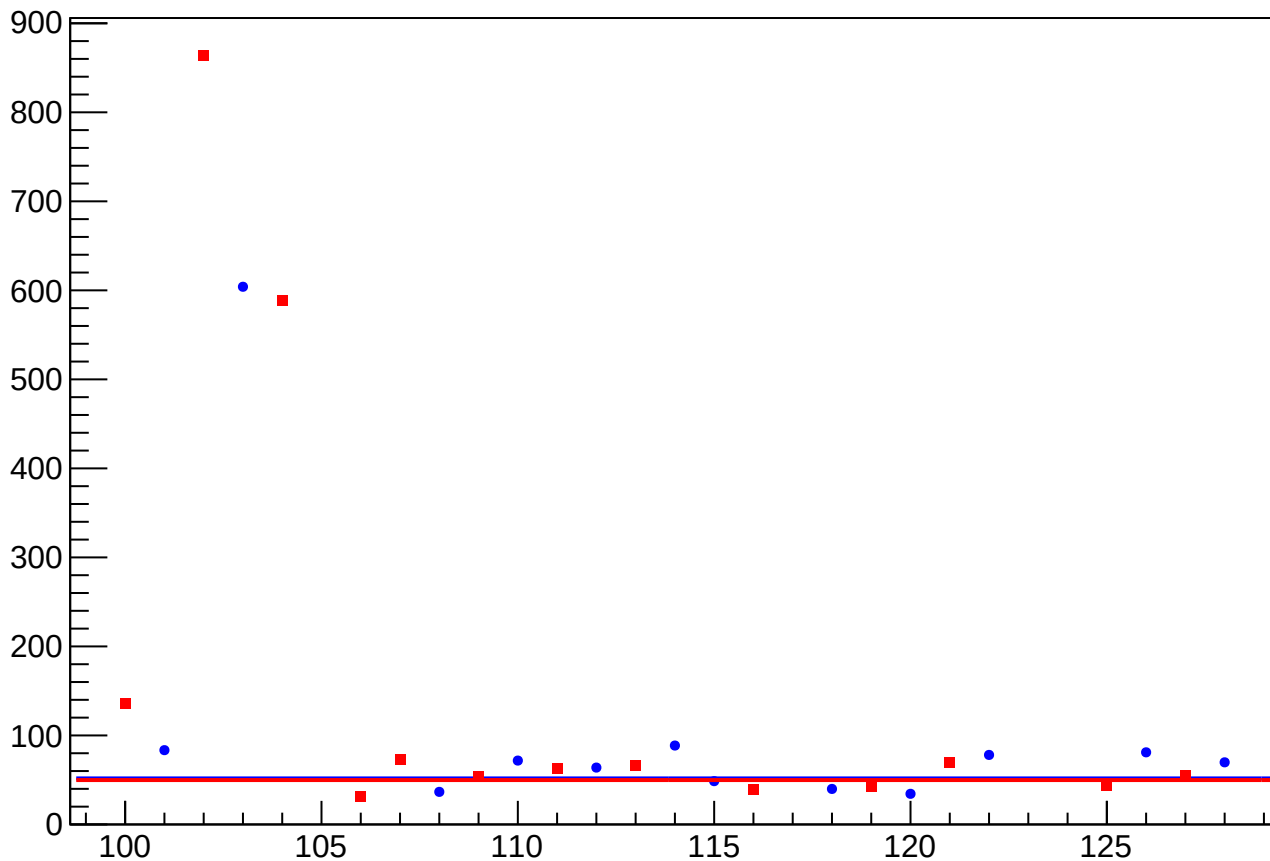
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.024+/-0.019 χ^2/NDF : 15.3/24

- 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: 51.714+/-0.019 χ^2/NDF : 1883073.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

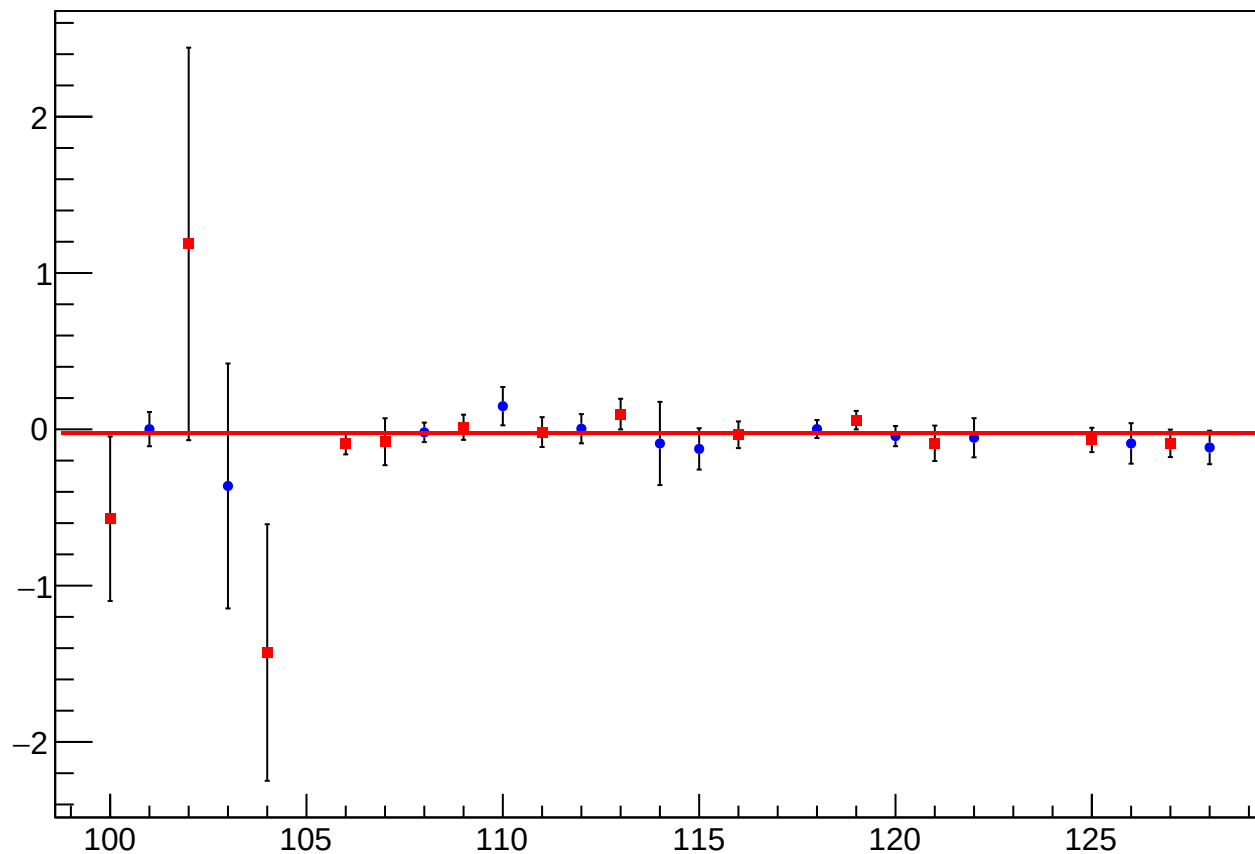
Right Out: 49.876+/-0.019 χ^2/NDF : 2182668.6/12

All: 50.771+/-0.013 χ^2/NDF : 4070424.6/24

- 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_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.024+/-0.027 χ^2/NDF : 4.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.024+/-0.027 χ^2/NDF : 11.0/12

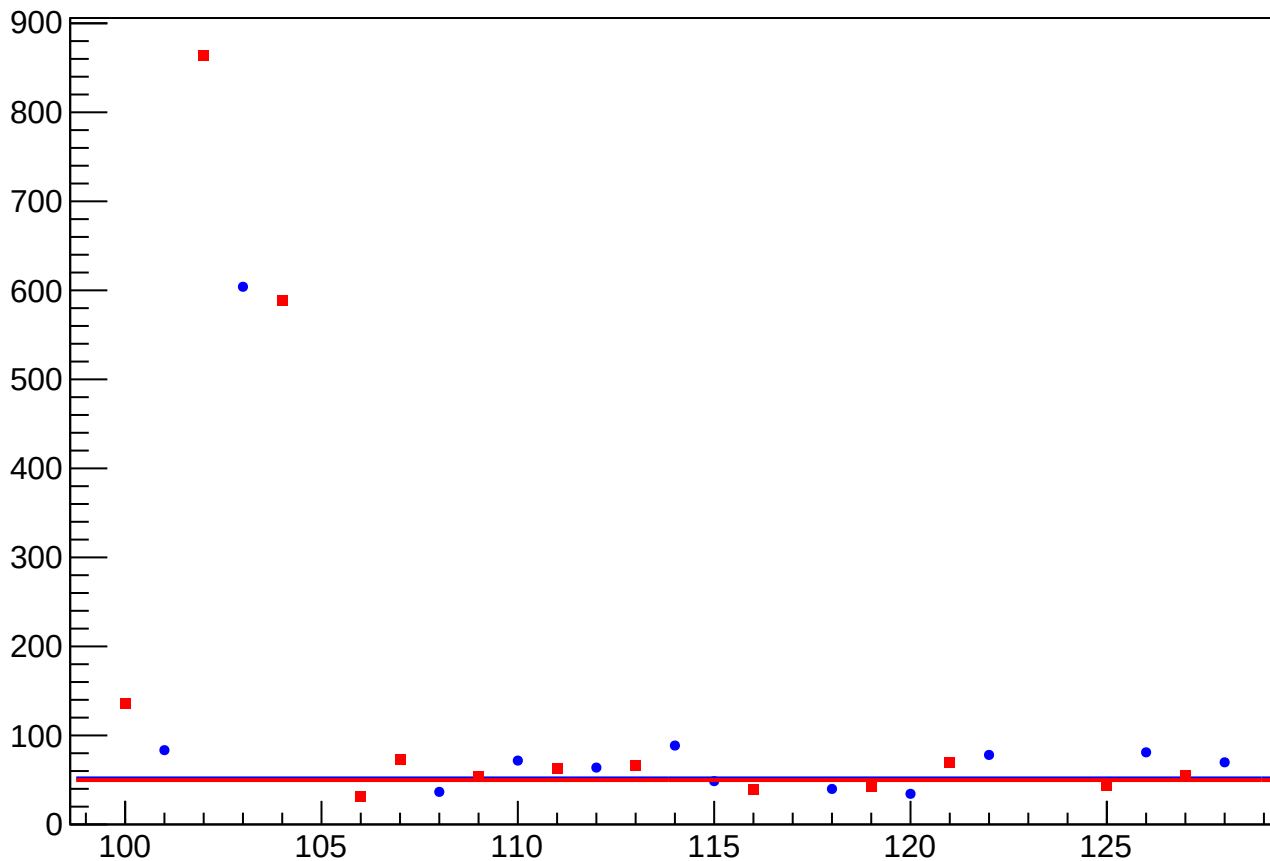
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.024+/-0.019 χ^2/NDF : 15.3/24

- 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: 51.714+/-0.019 χ^2/NDF : 1883073.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

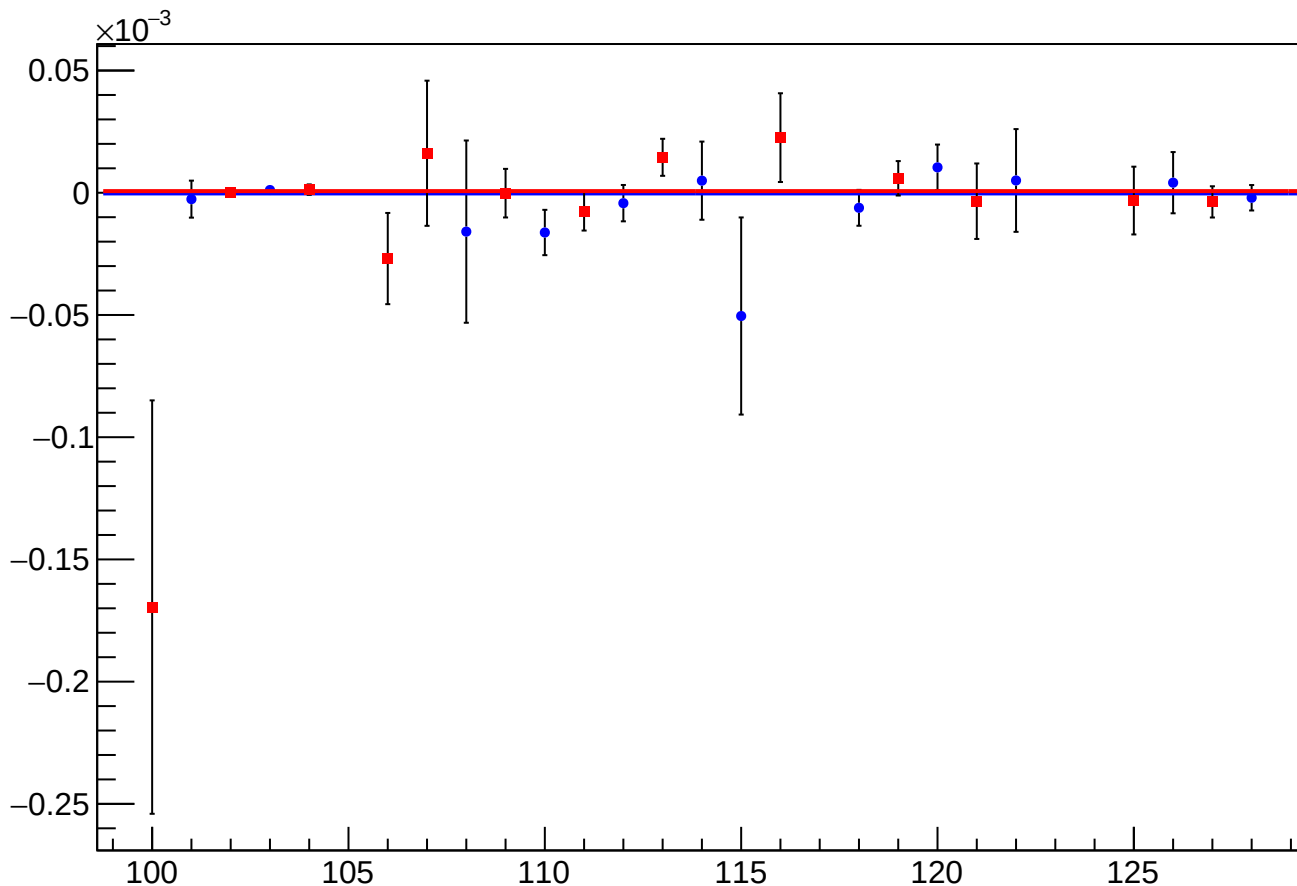
Right Out: 49.876+/-0.019 χ^2/NDF : 2182668.6/12

All: 50.771+/-0.013 χ^2/NDF : 4070424.6/24

- 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_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.8/12

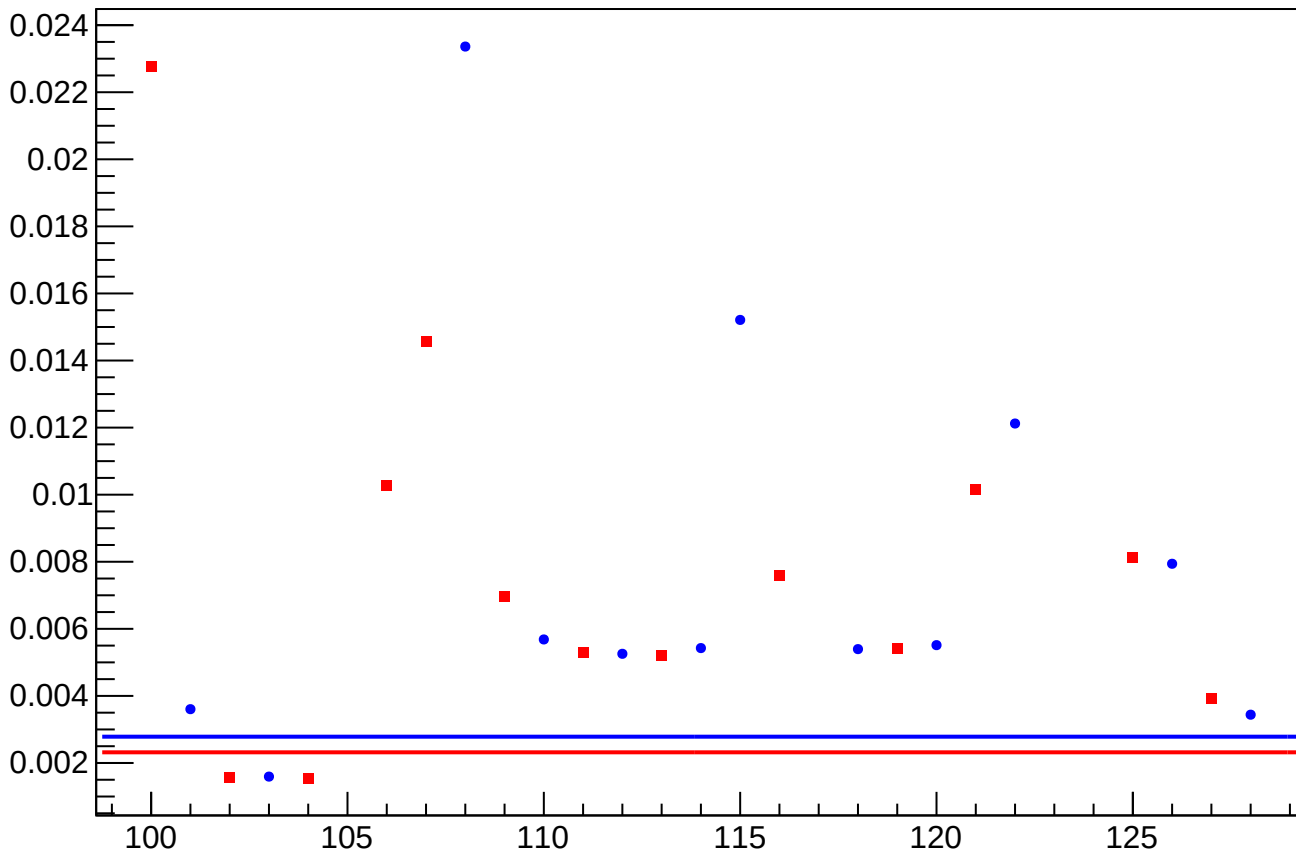
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 21.9/24

- sign 0.000 $\pm$ 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 : 3158804.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3945241.4/12

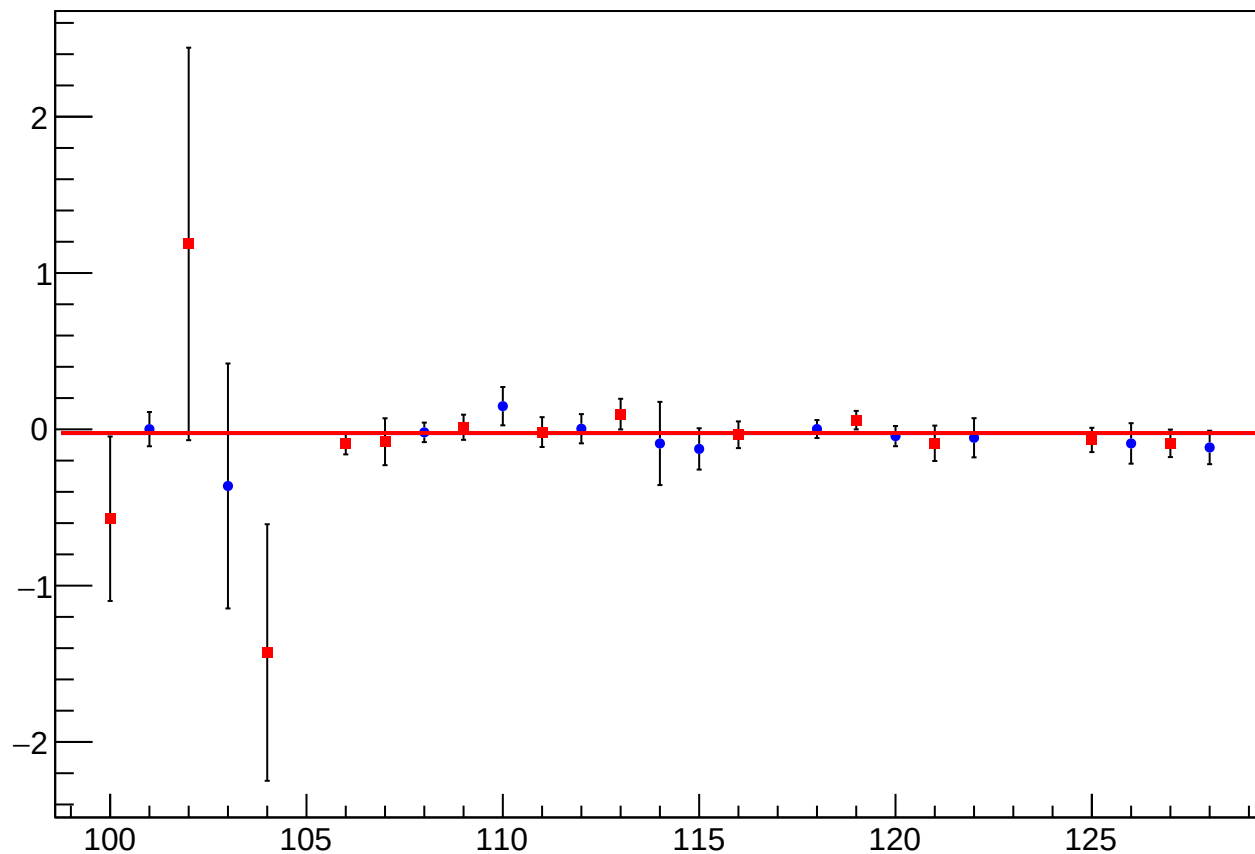
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 7201989.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.024 $\pm$ 0.027 χ^2 /NDF: 4.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.024 $\pm$ 0.027 χ^2 /NDF: 11.0/12

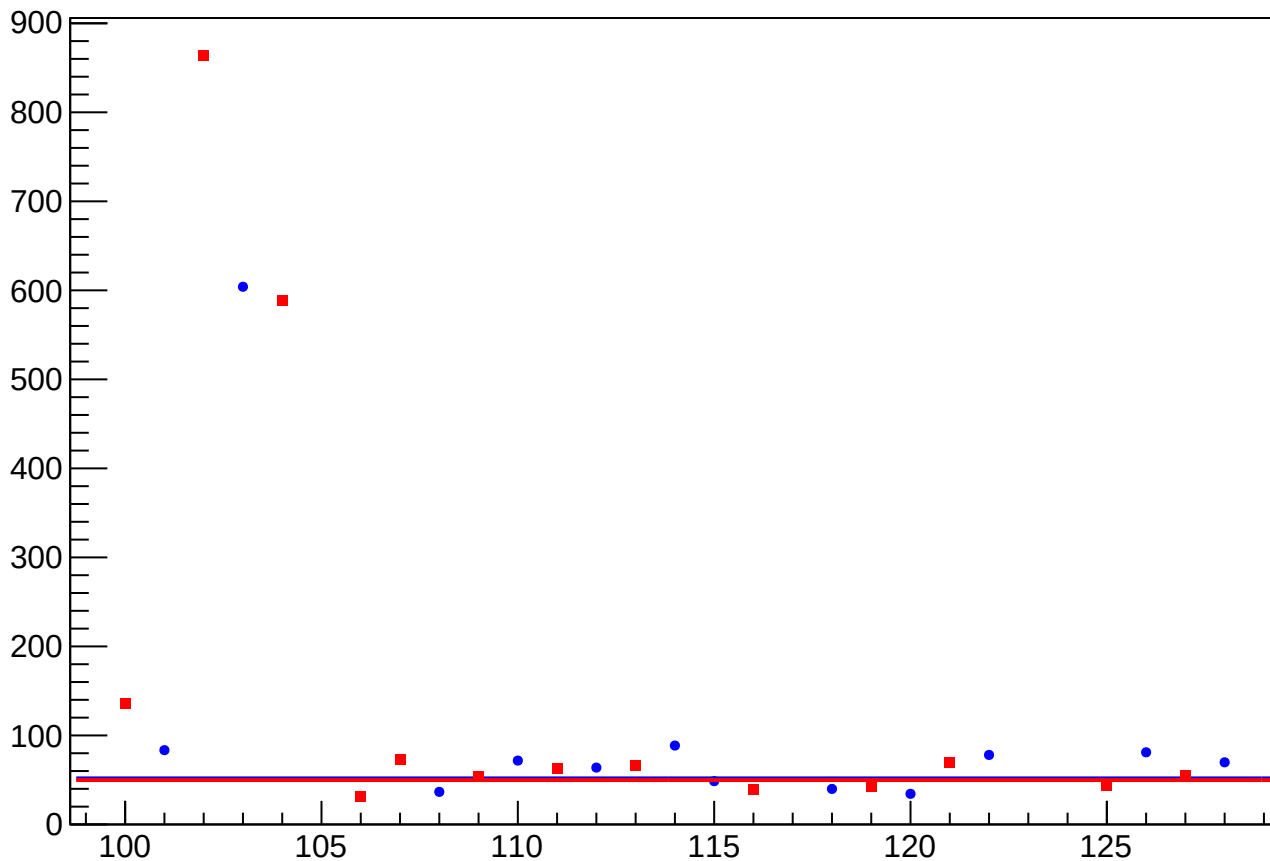
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.024 $\pm$ 0.019 χ^2 /NDF: 15.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 51.719+/-0.019 χ^2/NDF : 1882776.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.878+/-0.019 χ^2/NDF : 2182475.9/12

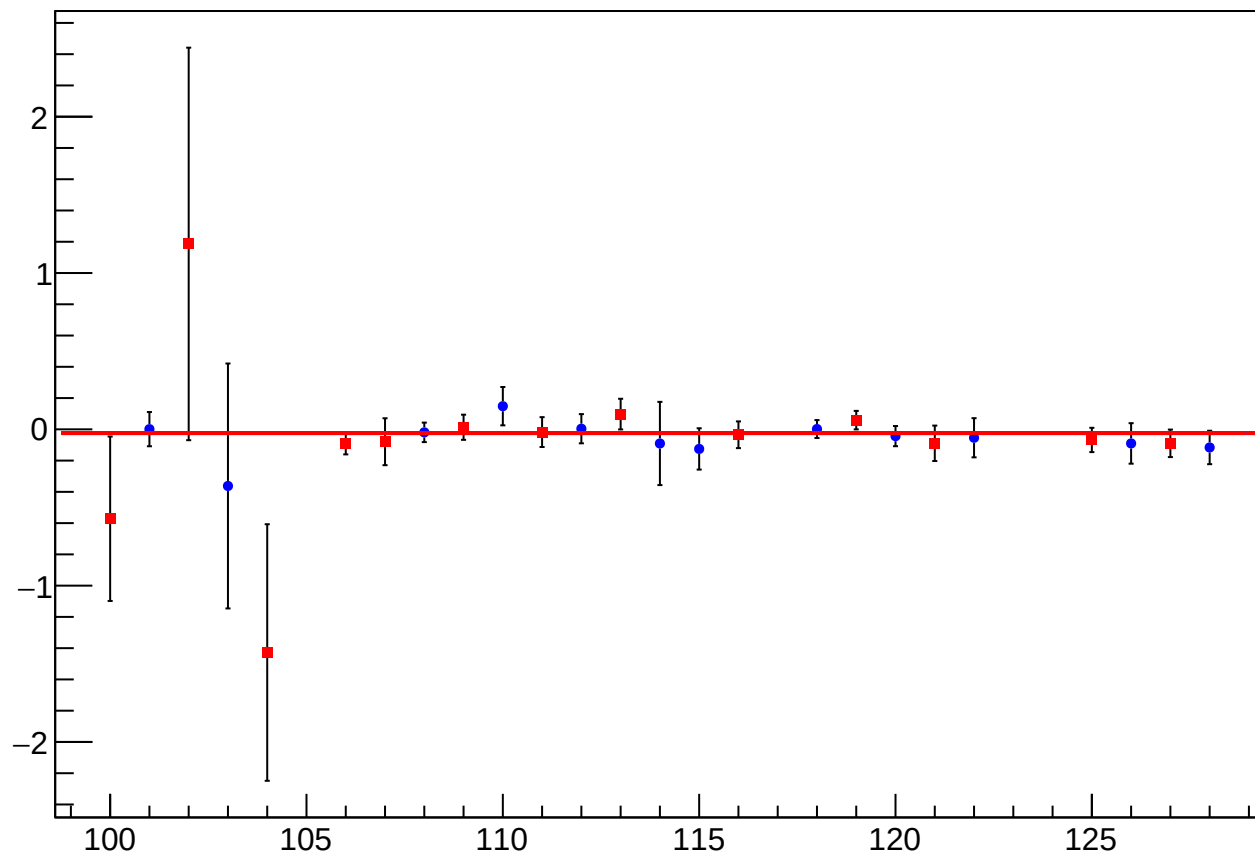
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.774+/-0.013 χ^2/NDF : 4069945.7/24

- 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: -0.024 ± 0.027 χ^2/NDF : 4.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.024 ± 0.027 χ^2/NDF : 11.0/12

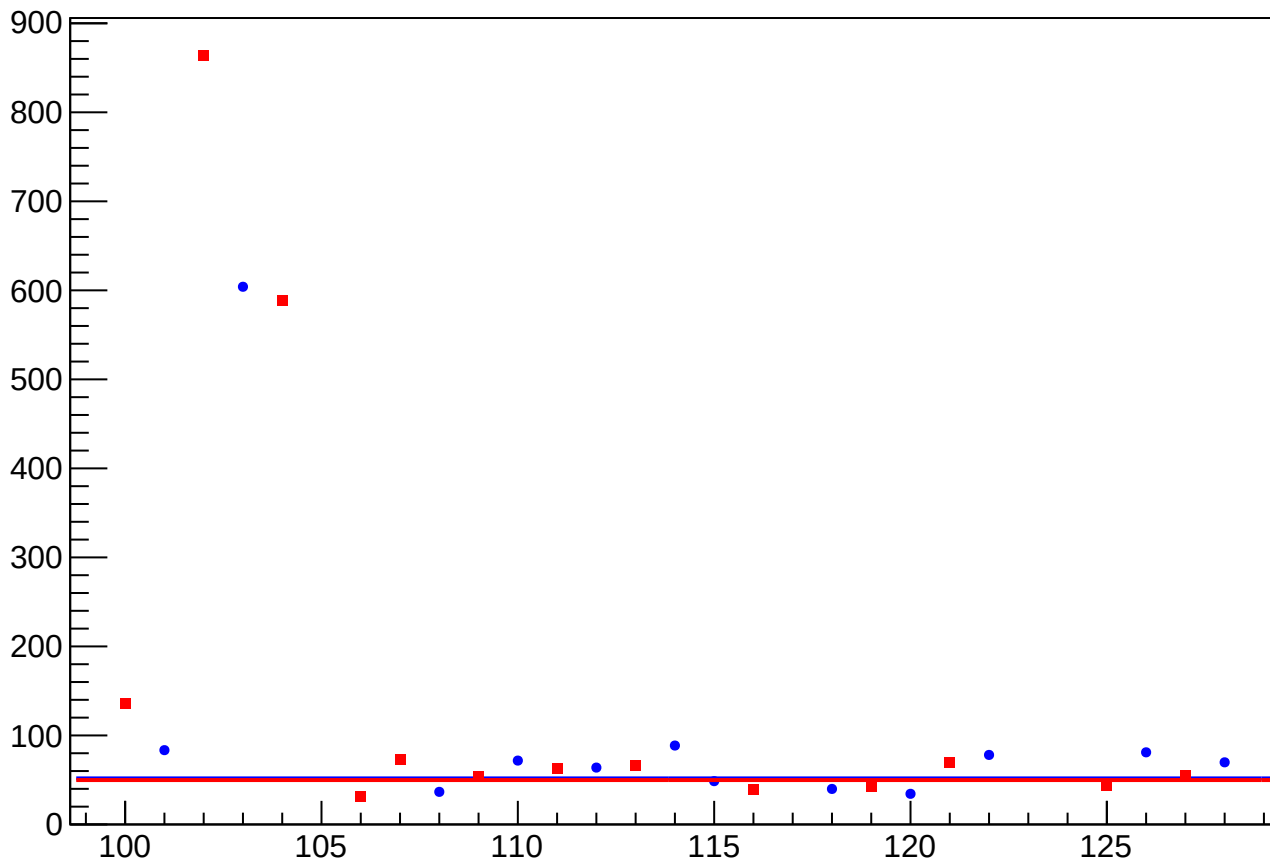
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.024 ± 0.019 χ^2/NDF : 15.3/24

- 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: 51.719+/-0.019 χ^2/NDF : 1882776.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.878+/-0.019 χ^2/NDF : 2182475.9/12

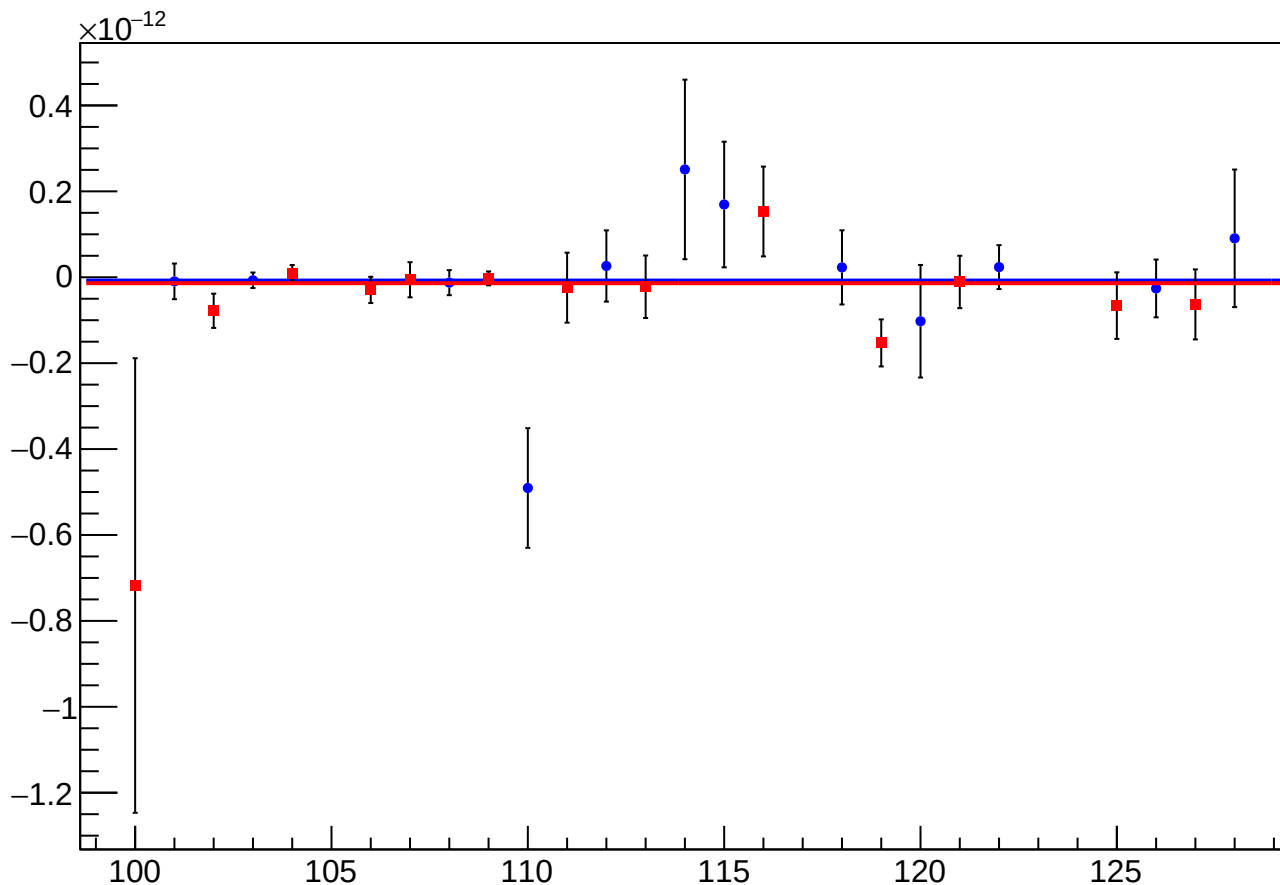
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.774+/-0.013 χ^2/NDF : 4069945.7/24

- 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 : 16.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.4/12

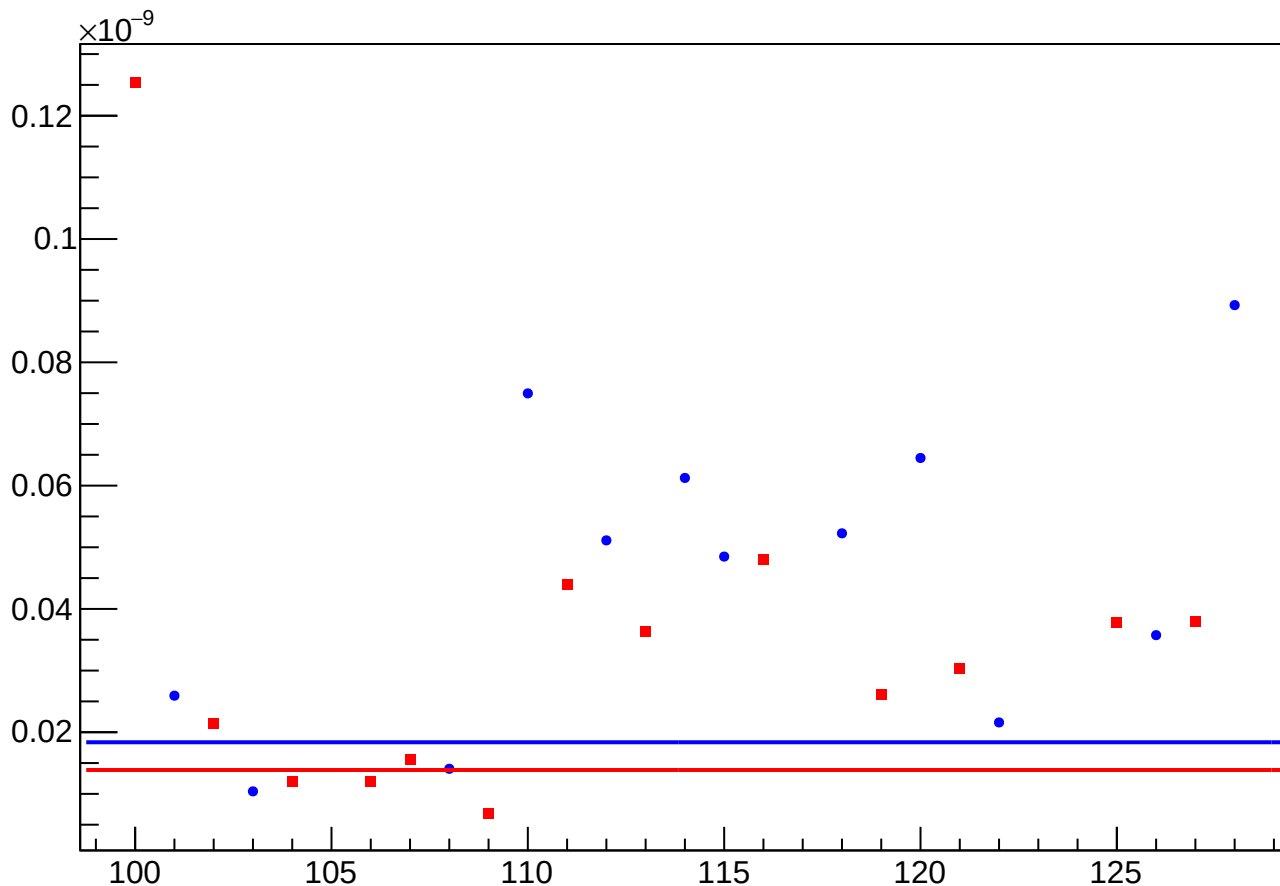
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.3/24

- 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+/-0.000 χ^2/NDF : 2399807.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1866105.1/12

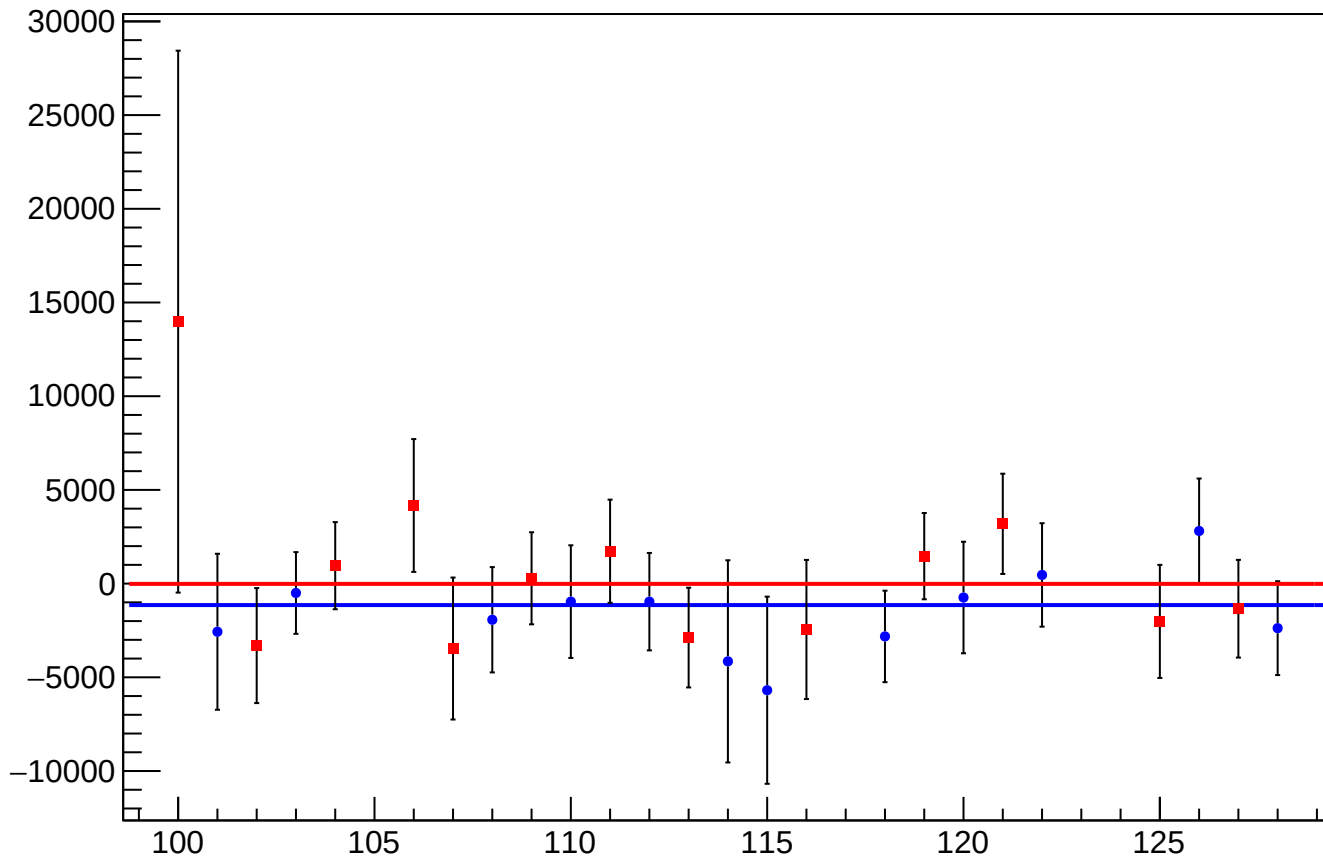
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4417554.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -1145.309+/-837.151 χ^2/NDF : 4.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.549+/-805.215 χ^2/NDF : 9.0/12

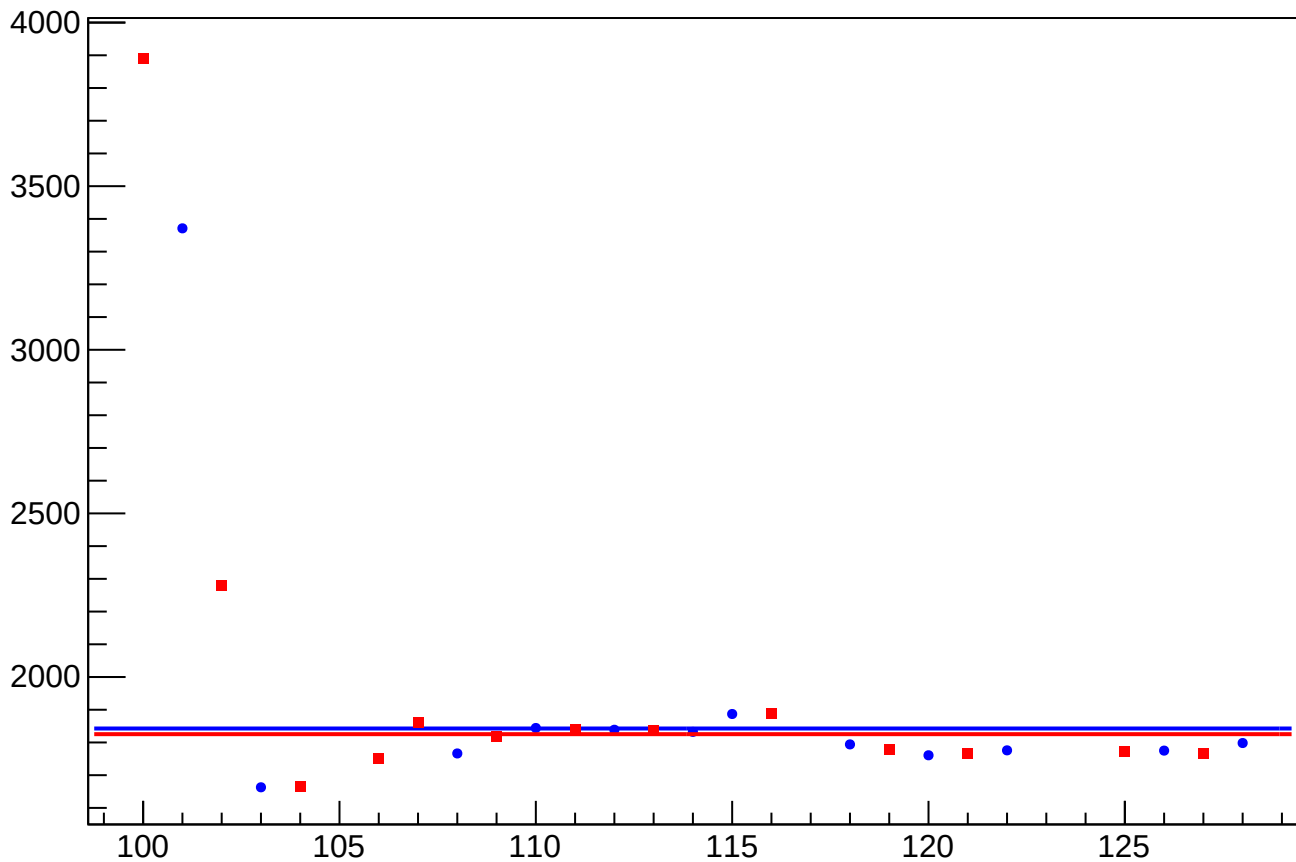
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -557.950+/-580.335 χ^2/NDF : 14.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1842.644+/-0.592 χ^2/NDF : 290250.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1825.342+/-0.569 χ^2/NDF : 99385.3/12

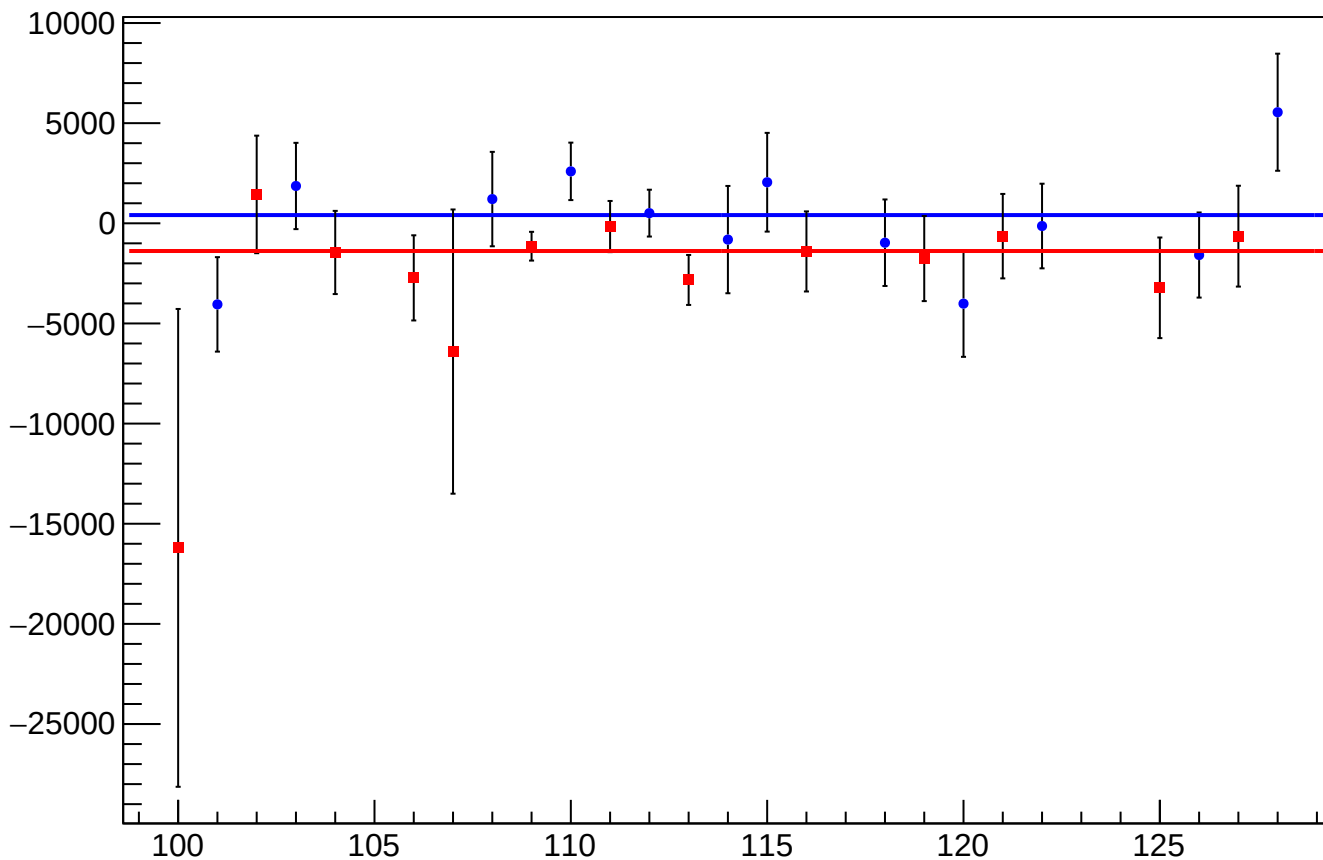
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1833.656+/-0.410 χ^2/NDF : 390080.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_reg_correction_mean vs Slug



Right In: 410.872 $\pm$ 575.841 χ^2 /NDF: 14.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1383.256 $\pm$ 456.183 χ^2 /NDF: 6.5/12

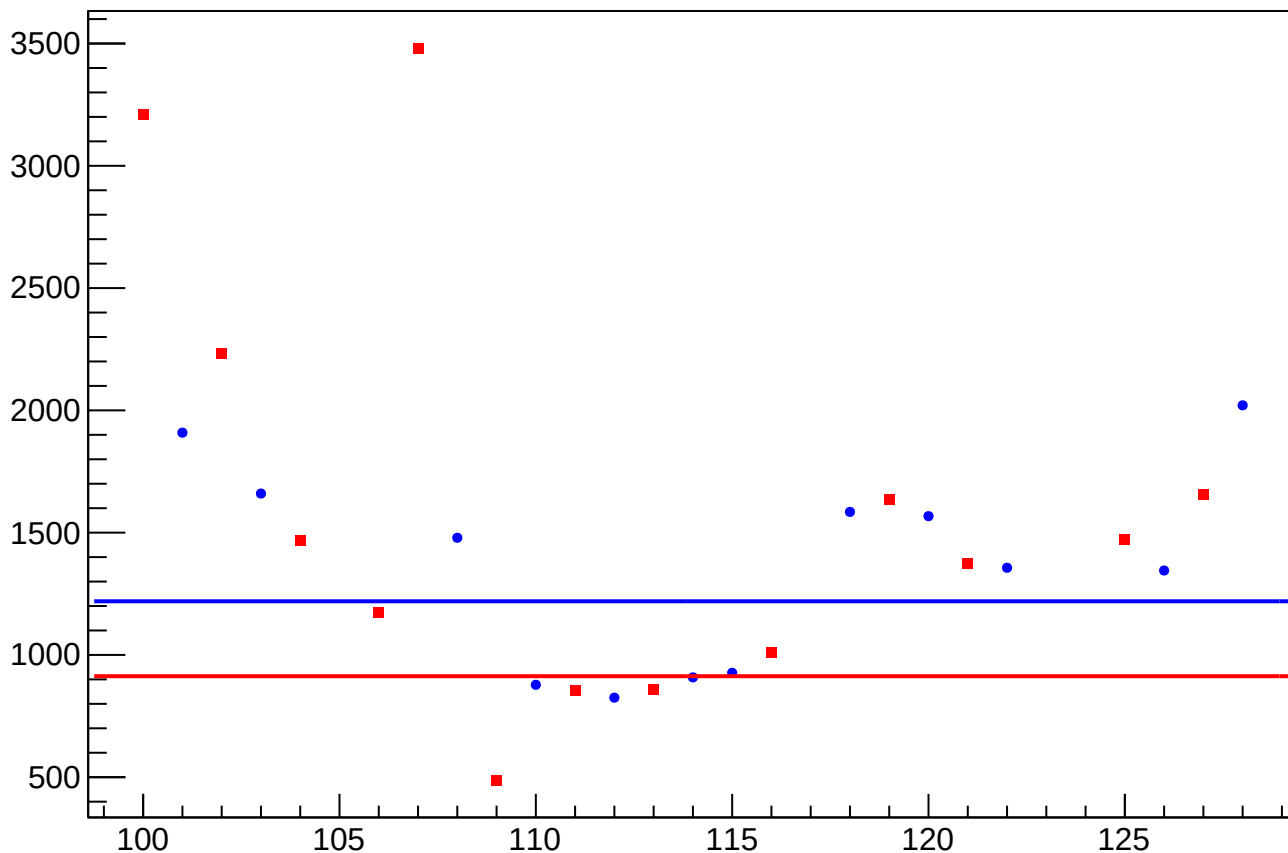
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -691.452 $\pm$ 357.575 χ^2 /NDF: 26.8/24

- 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: 1219.355+/-0.407 χ^2/NDF : 931929.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 913.053+/-0.323 χ^2/NDF : 2234835.9/12

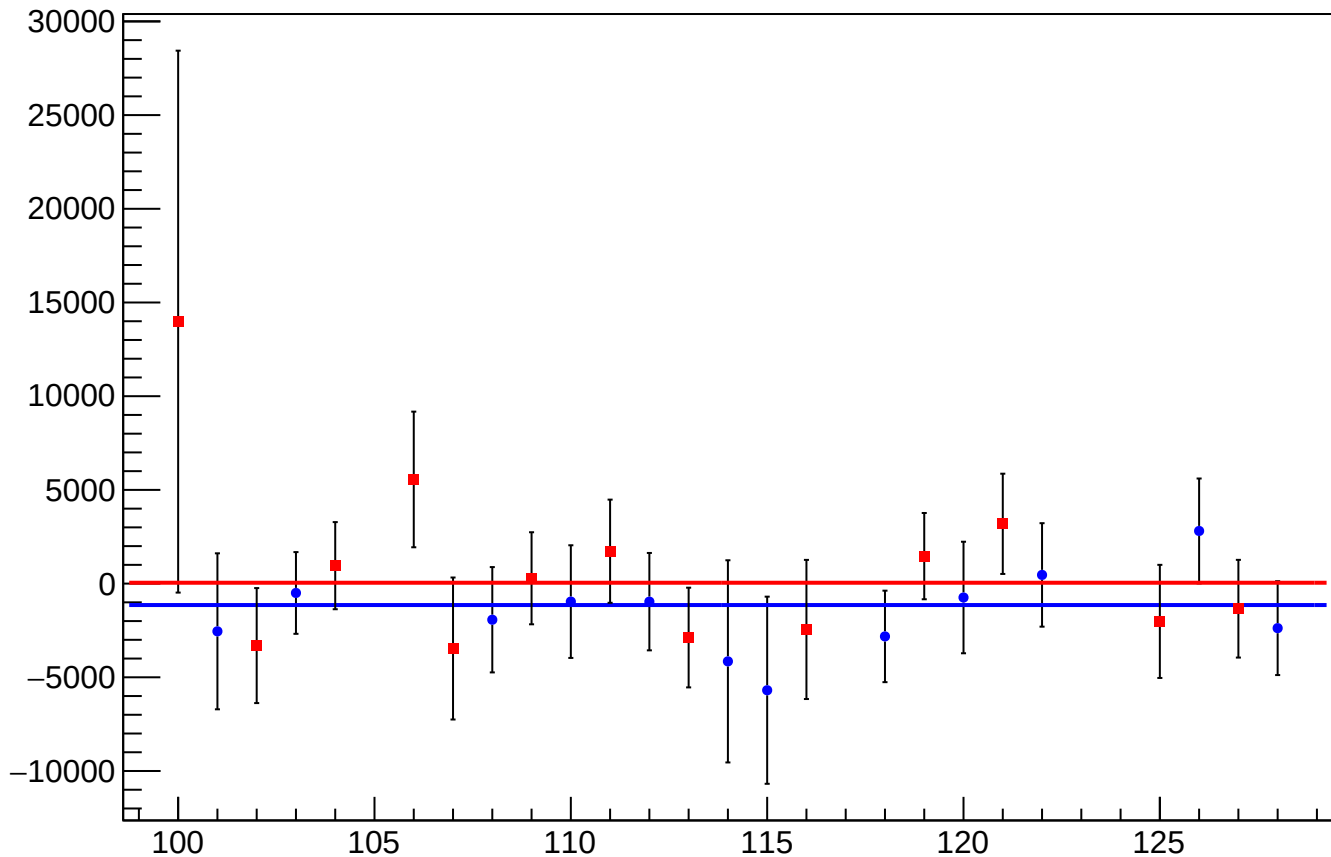
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1031.161+/-0.253 χ^2/NDF : 3514445.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -1144.349+/-837.152 χ^2/NDF : 4.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.577+/-806.065 χ^2/NDF : 10.0/12

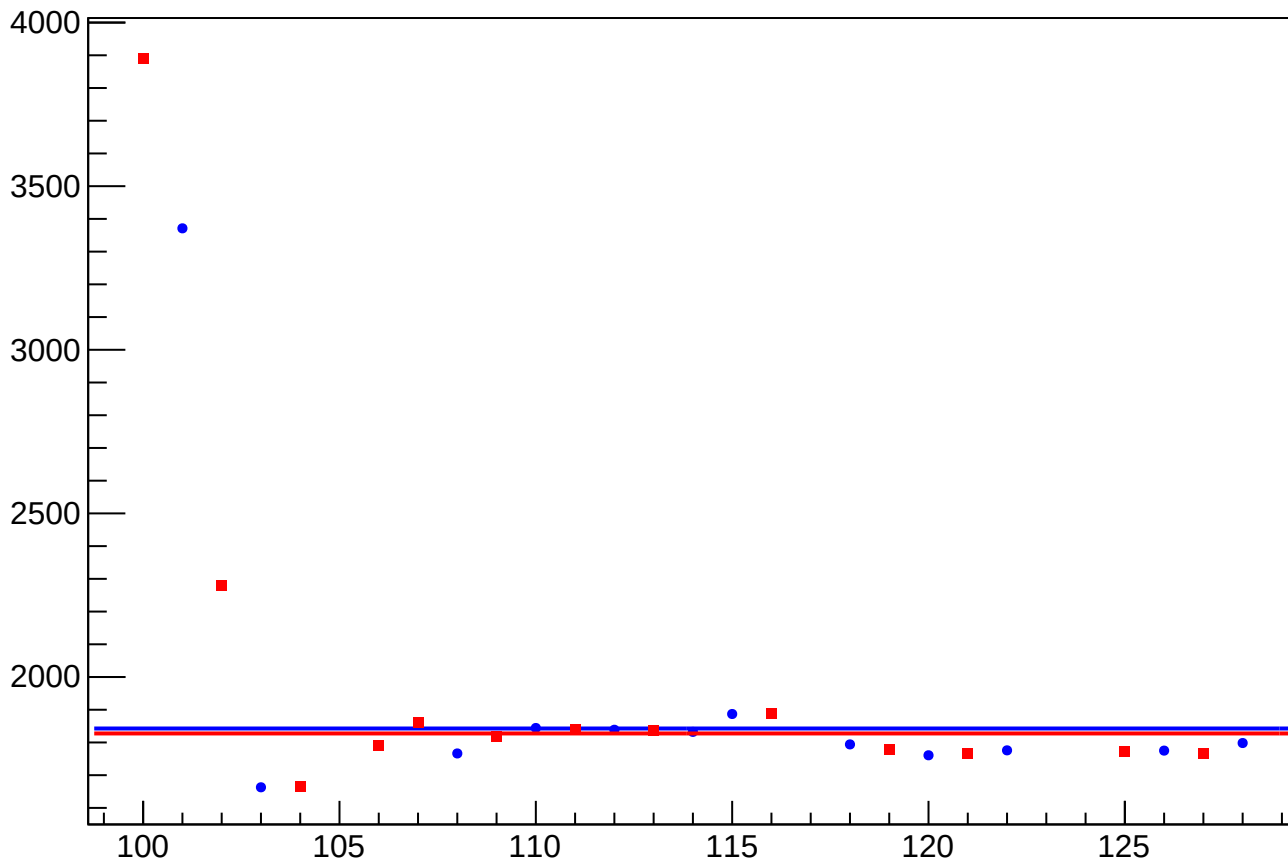
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -526.883+/-580.653 χ^2/NDF : 15.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1842.644+/-0.592 χ^2/NDF : 290252.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1827.528+/-0.570 χ^2/NDF : 98656.6/12

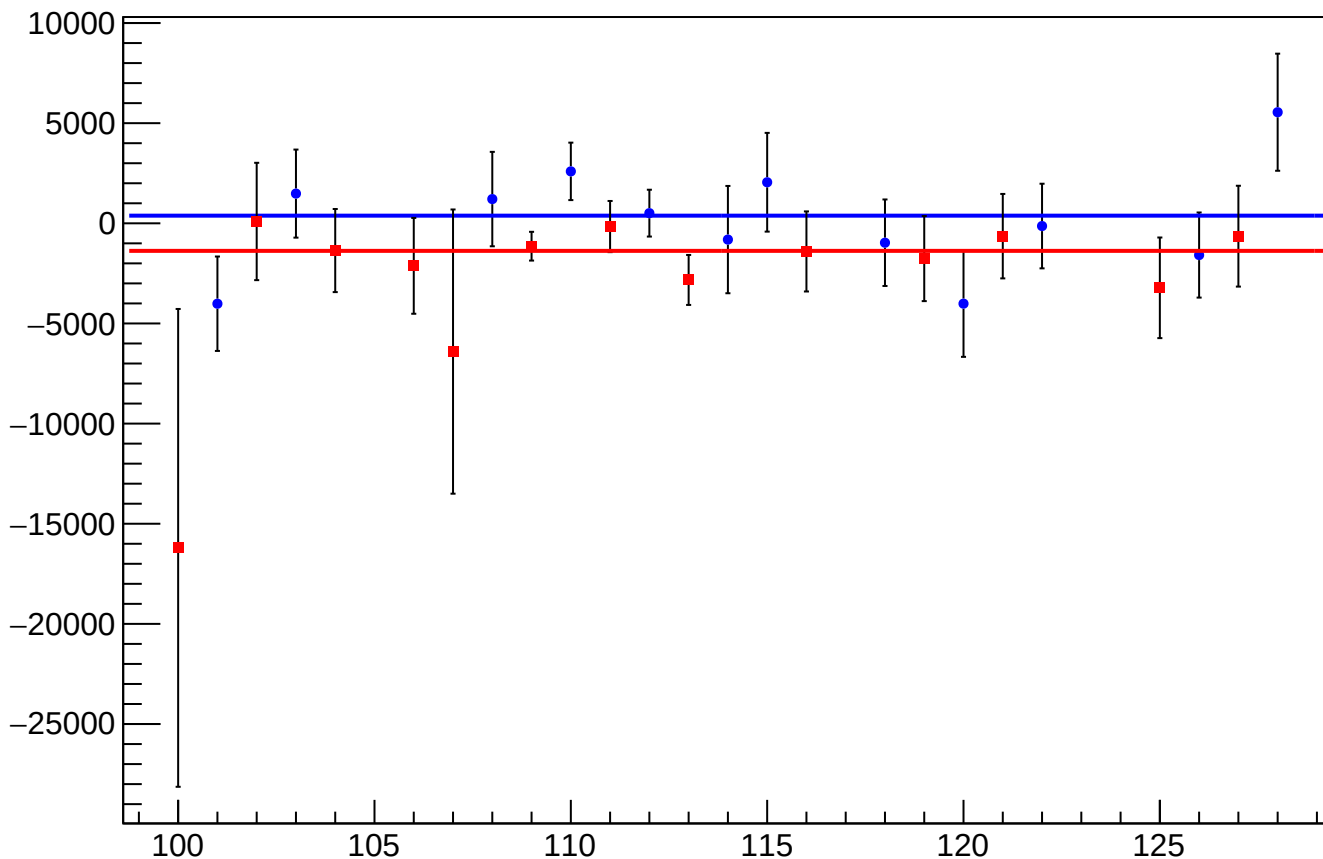
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1834.800+/-0.411 χ^2/NDF : 389247.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_cor_correction_mean vs Slug



Right In: 382.290+/-576.656 χ^2/NDF : 14.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1375.660+/-458.357 χ^2/NDF : 5.5/12

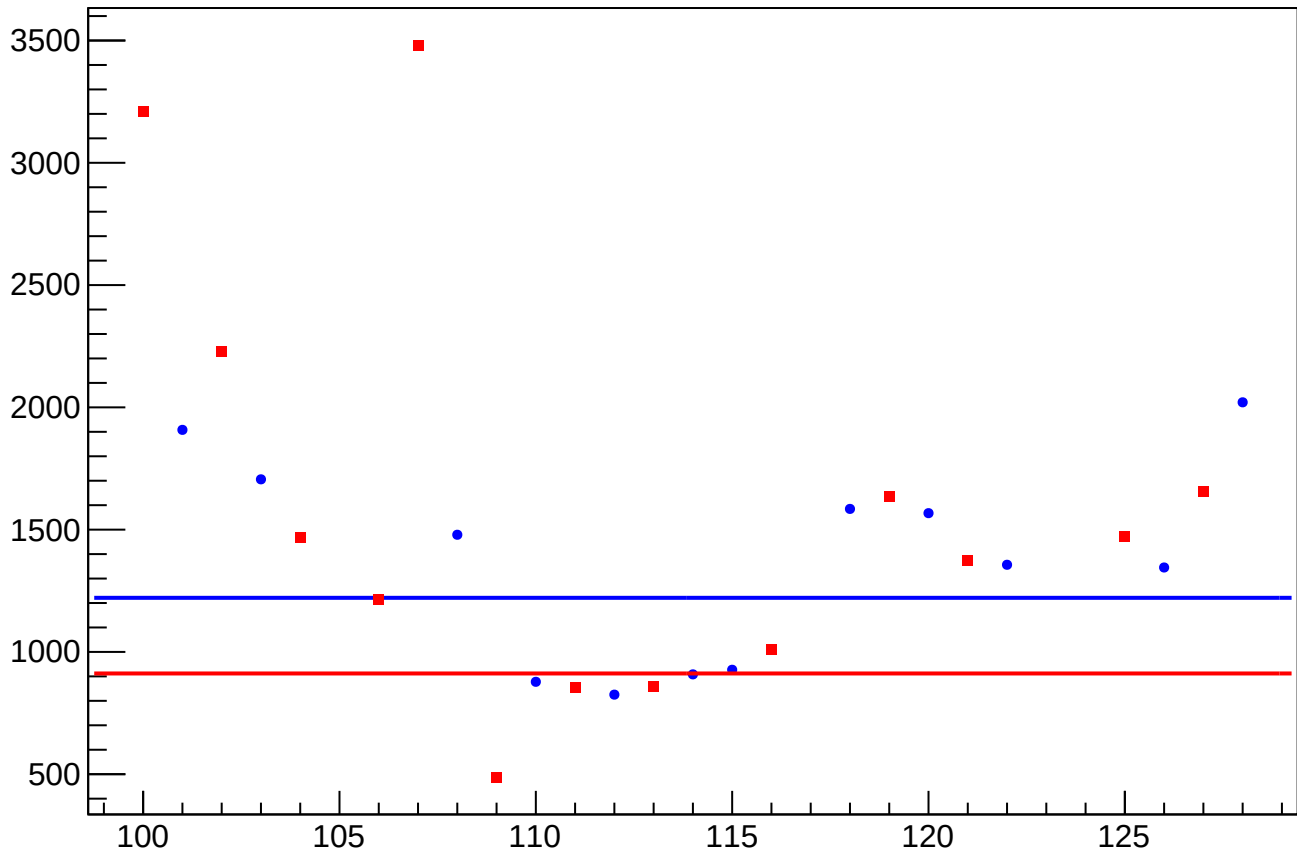
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -695.022+/-358.816 χ^2/NDF : 25.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_cor_correction_rms vs Slug



Right In: 1221.234+/-0.408 χ^2/NDF : 945852.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 911.911+/-0.324 χ^2/NDF : 2234804.2/12

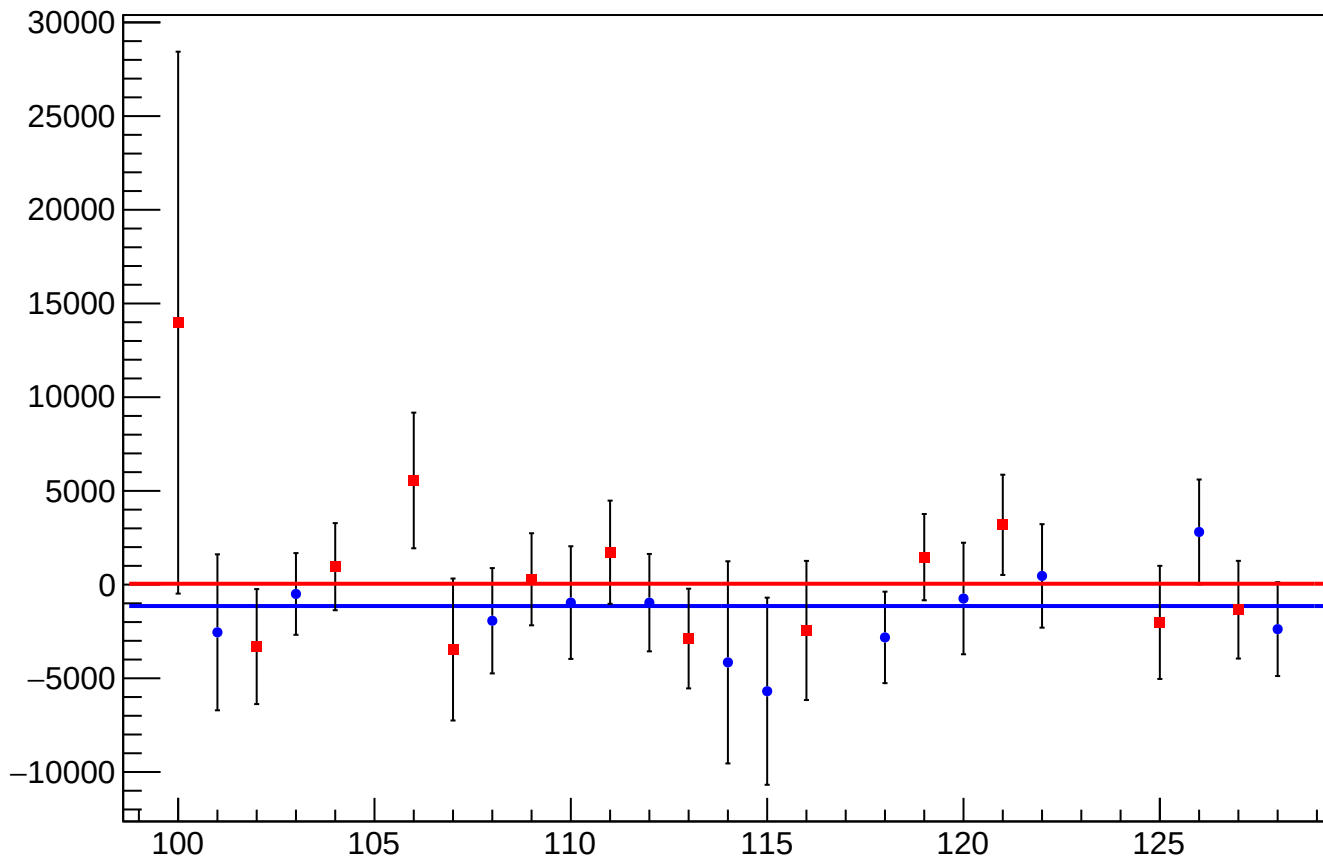
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1031.674+/-0.254 χ^2/NDF : 3533315.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -1144.349+/-837.152 χ^2/NDF : 4.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.577+/-806.065 χ^2/NDF : 10.0/12

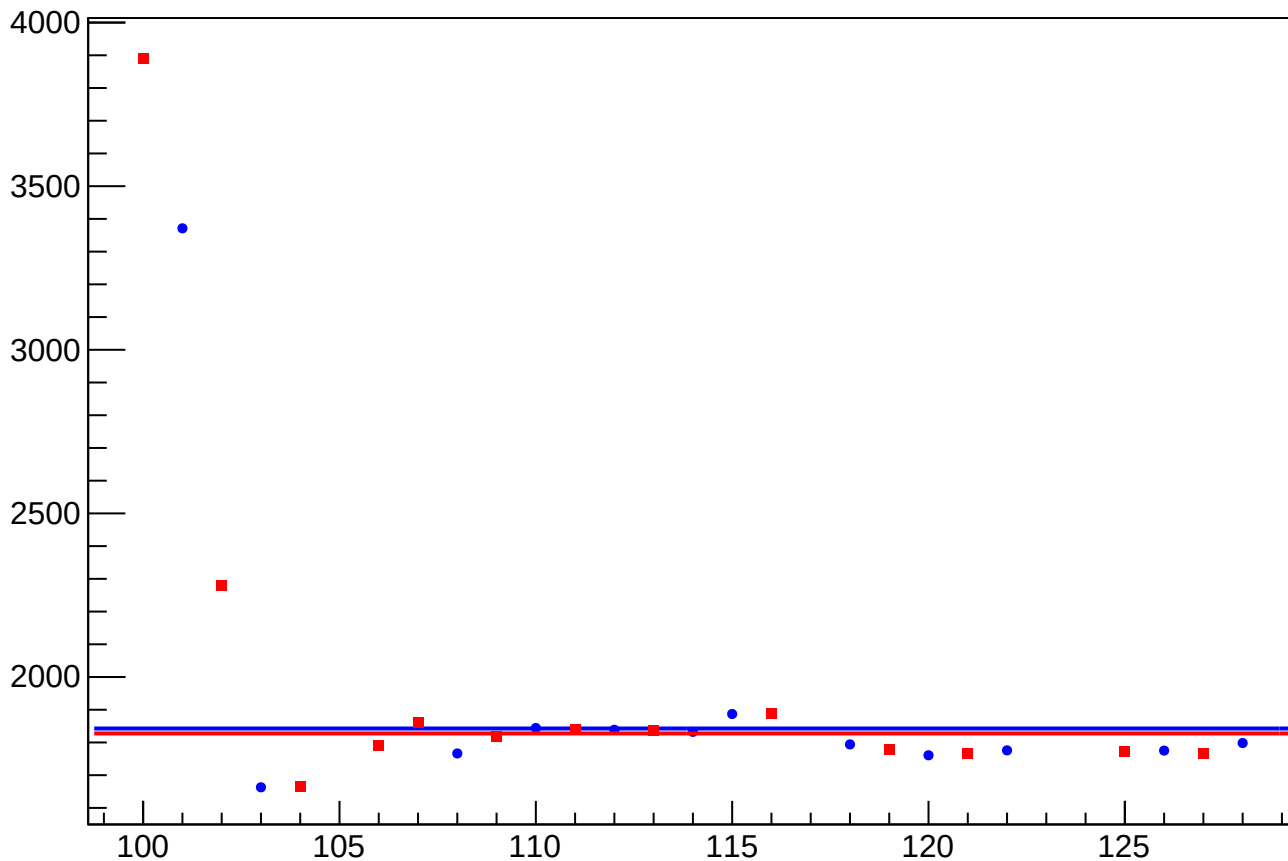
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -526.883+/-580.653 χ^2/NDF : 15.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1842.644+/-0.592 χ^2/NDF : 290252.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1827.528+/-0.570 χ^2/NDF : 98656.6/12

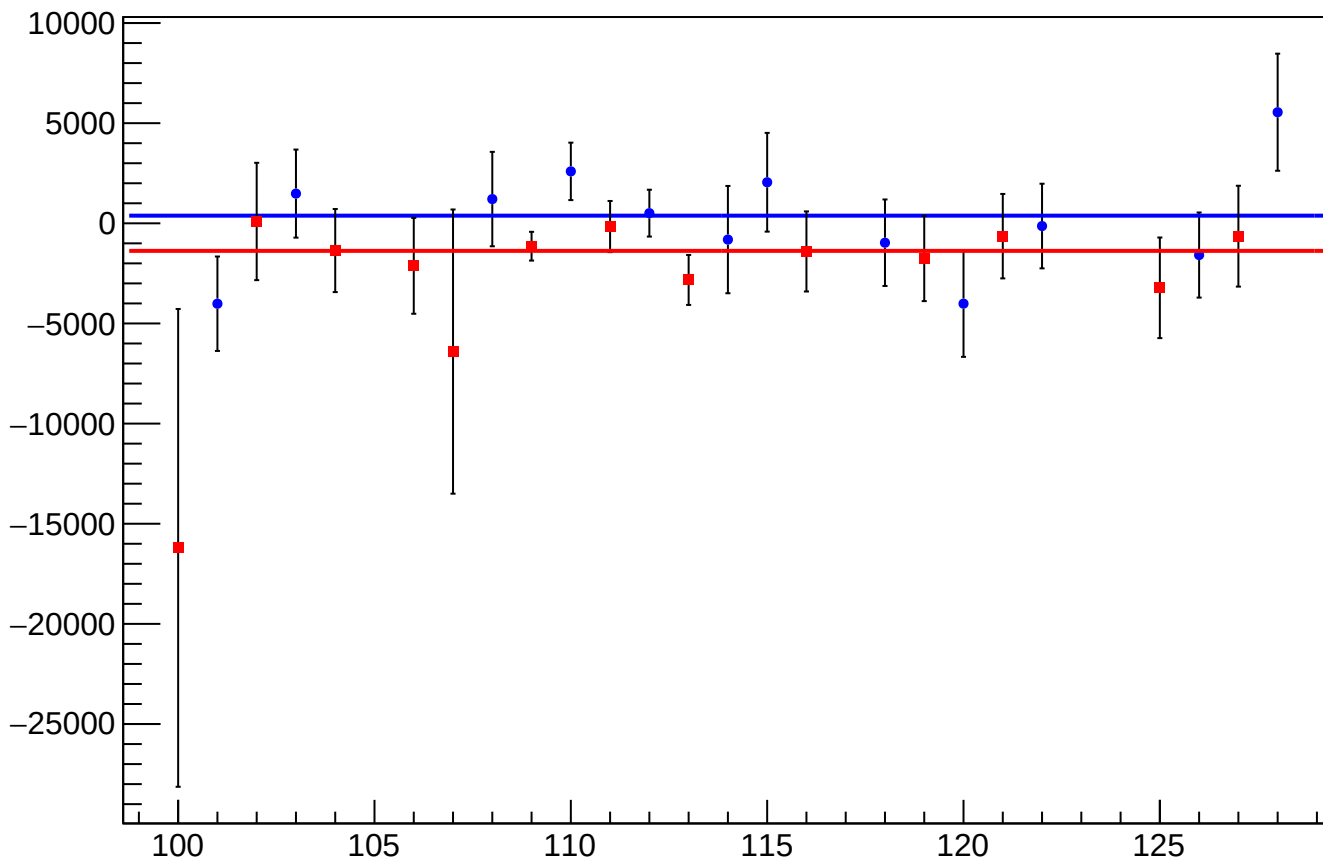
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1834.800+/-0.411 χ^2/NDF : 389247.8/24

- 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: 382.290 $\pm$ 576.656 χ^2/NDF : 14.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -1375.660 $\pm$ 458.357 χ^2/NDF : 5.5/12

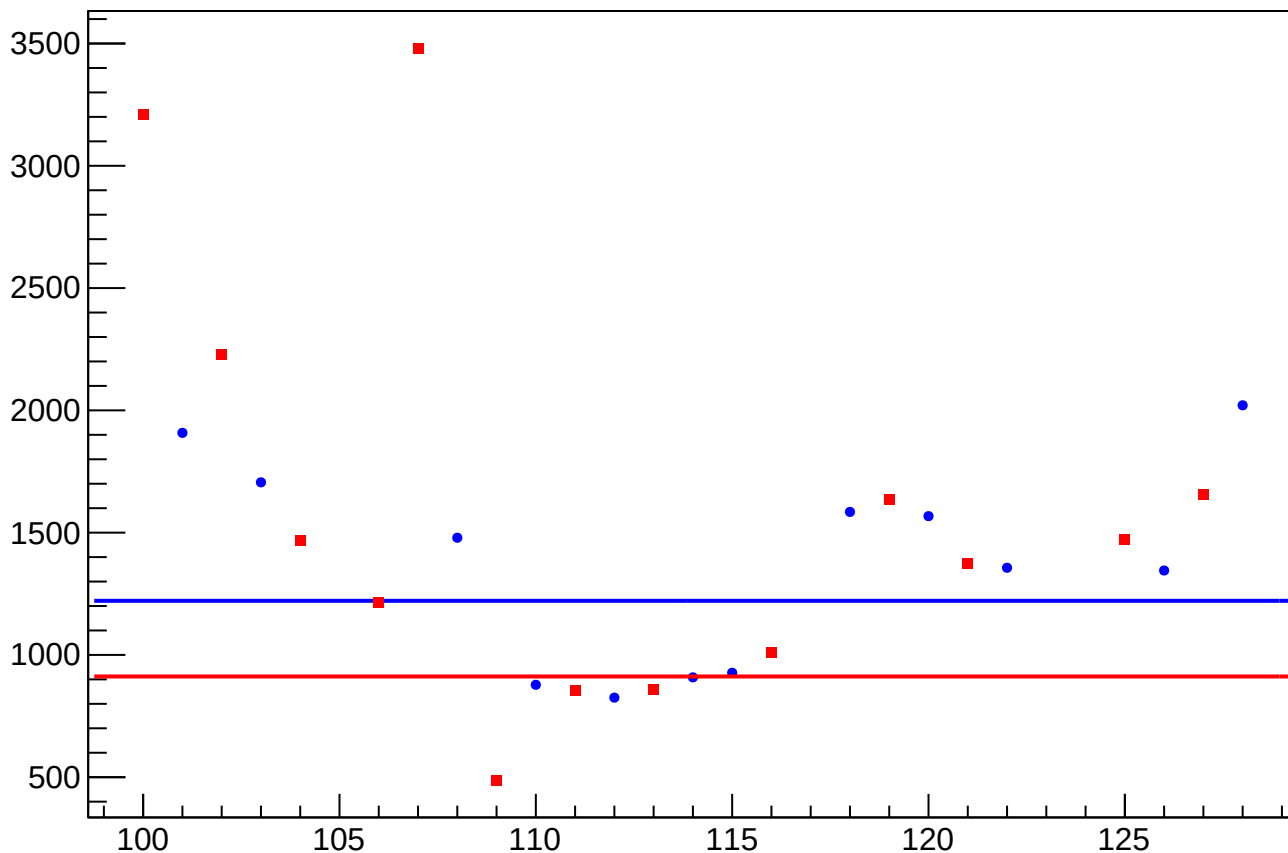
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -695.022 $\pm$ 358.816 χ^2/NDF : 25.3/24

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_cor_correction_rms vs Slug



Right In: 1221.234+/-0.408 χ^2/NDF : 945852.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 911.911+/-0.324 χ^2/NDF : 2234804.2/12

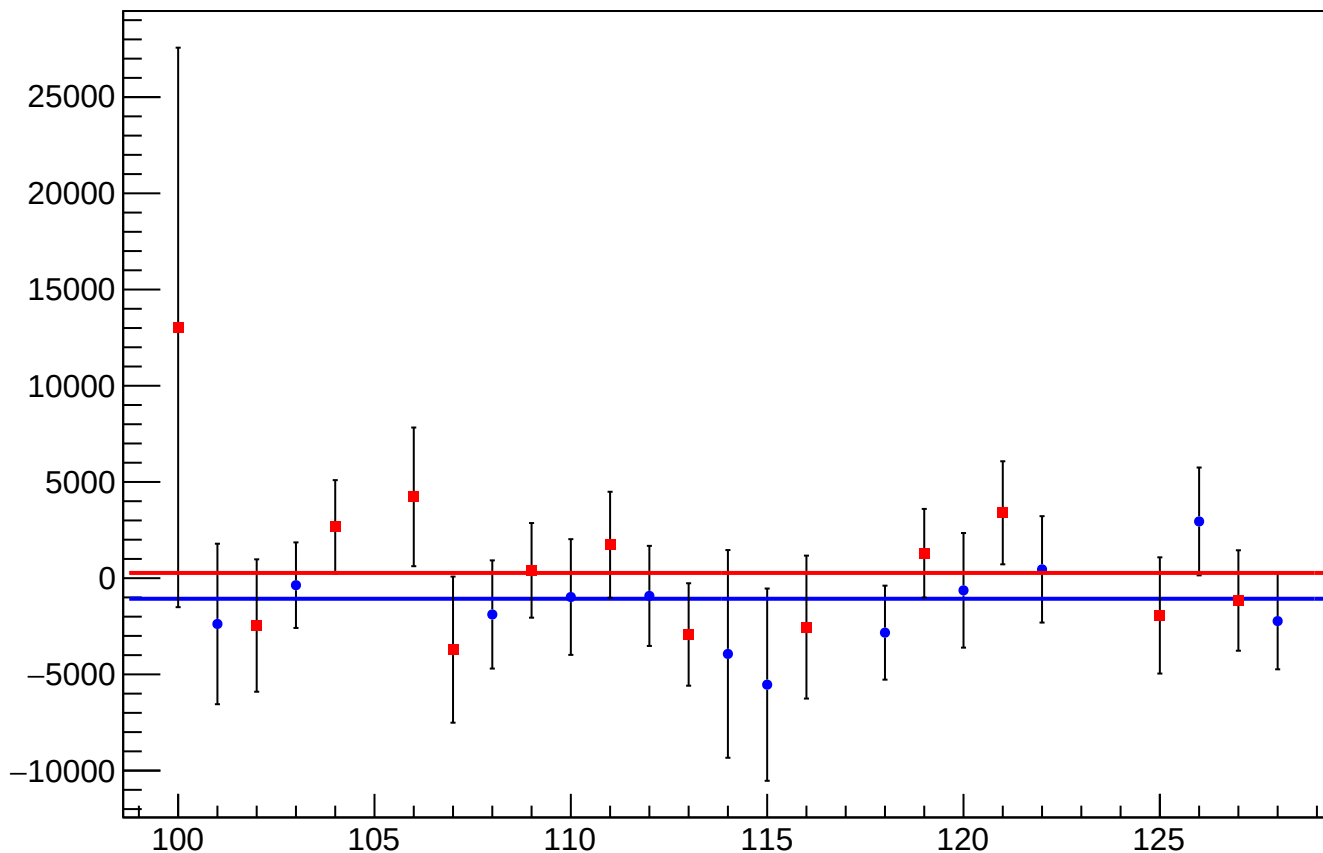
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1031.674+/-0.254 χ^2/NDF : 3533315.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -1069.630 $\pm$ 840.130 χ^2 /NDF: 4.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 272.157 $\pm$ 816.378 χ^2 /NDF: 9.4/12

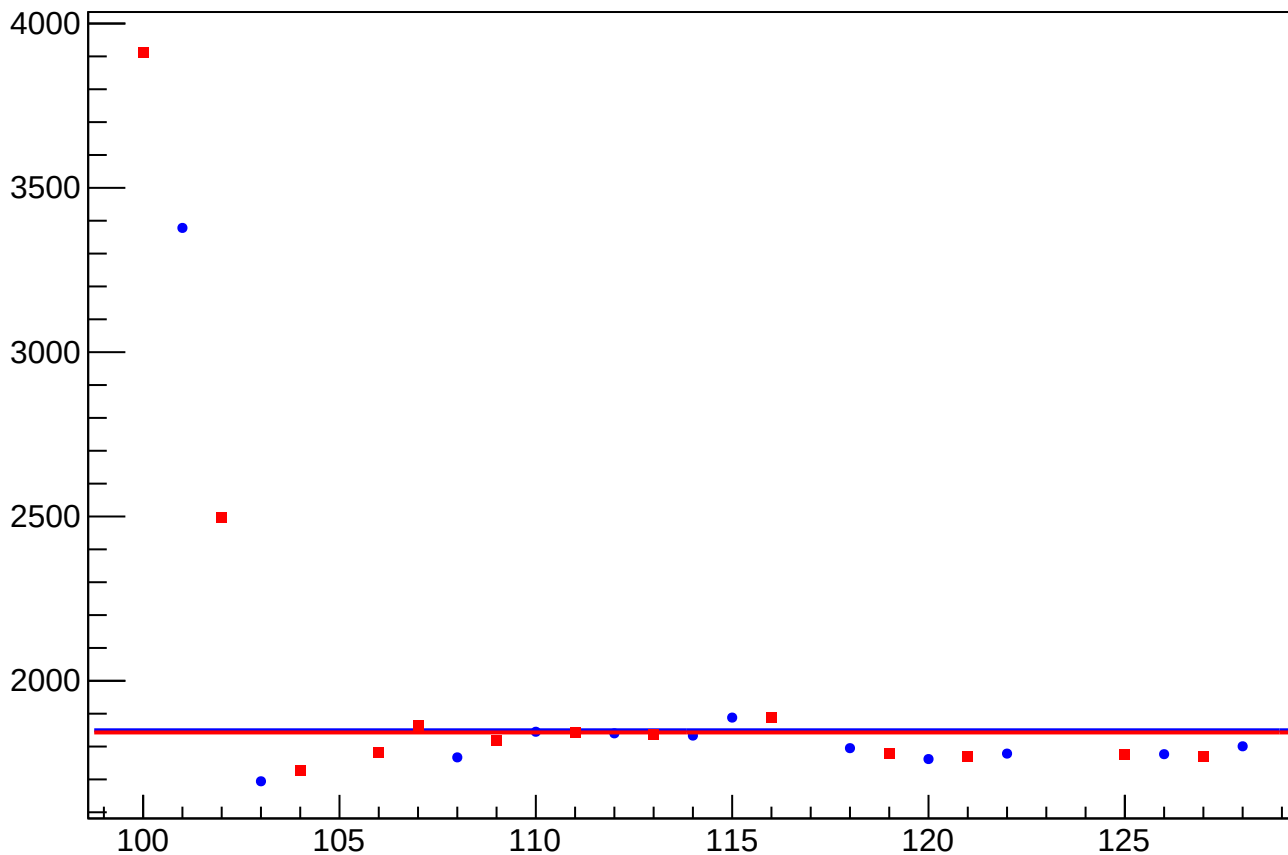
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -379.501 $\pm$ 585.484 χ^2 /NDF: 15.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1849.425 $\pm$ 0.594 χ^2 /NDF: 286462.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1842.878 $\pm$ 0.577 χ^2 /NDF: 124270.2/12

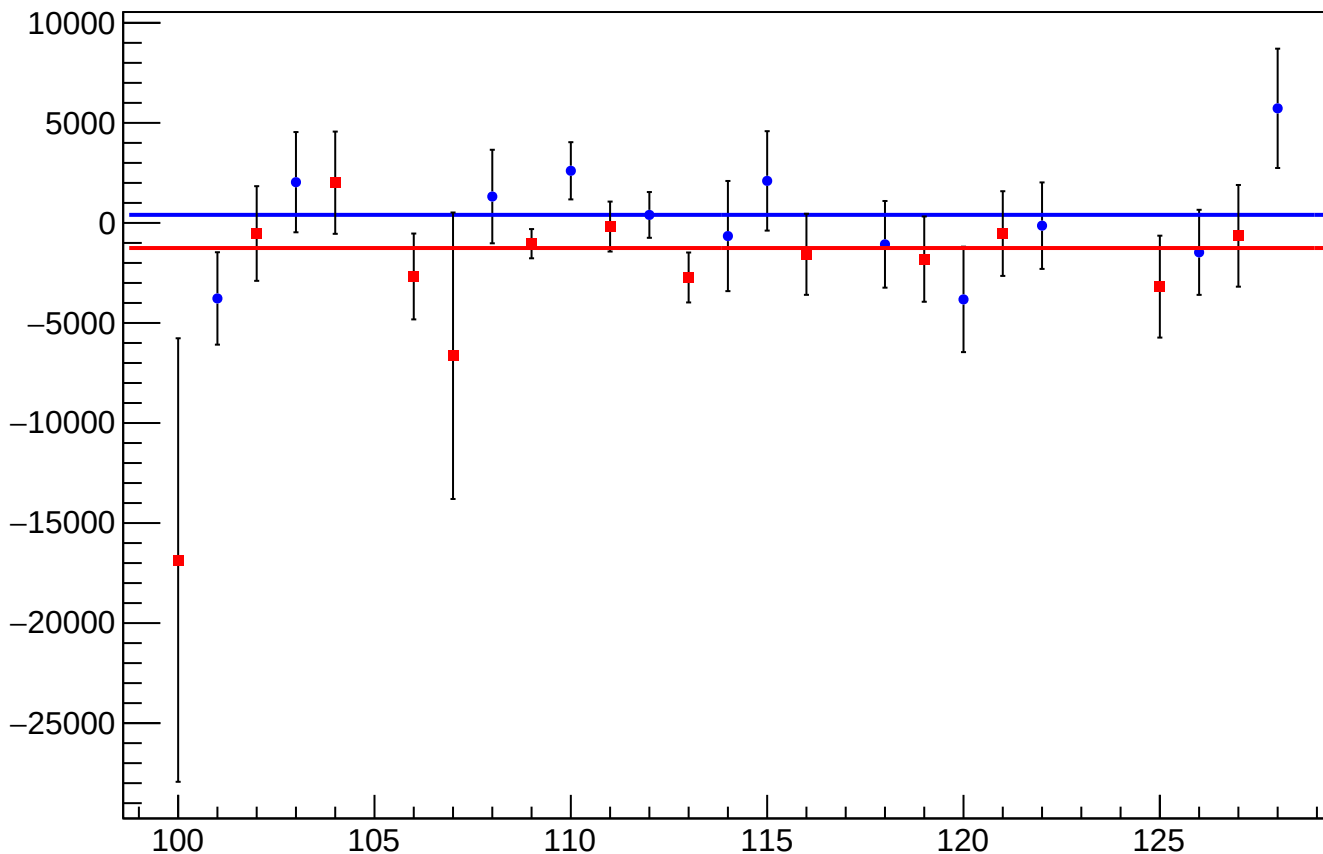
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1846.058 $\pm$ 0.414 χ^2 /NDF: 410795.2/24

- 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: 403.510+/-579.012 χ^2/NDF : 13.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1254.601+/-459.776 χ^2/NDF : 7.8/12

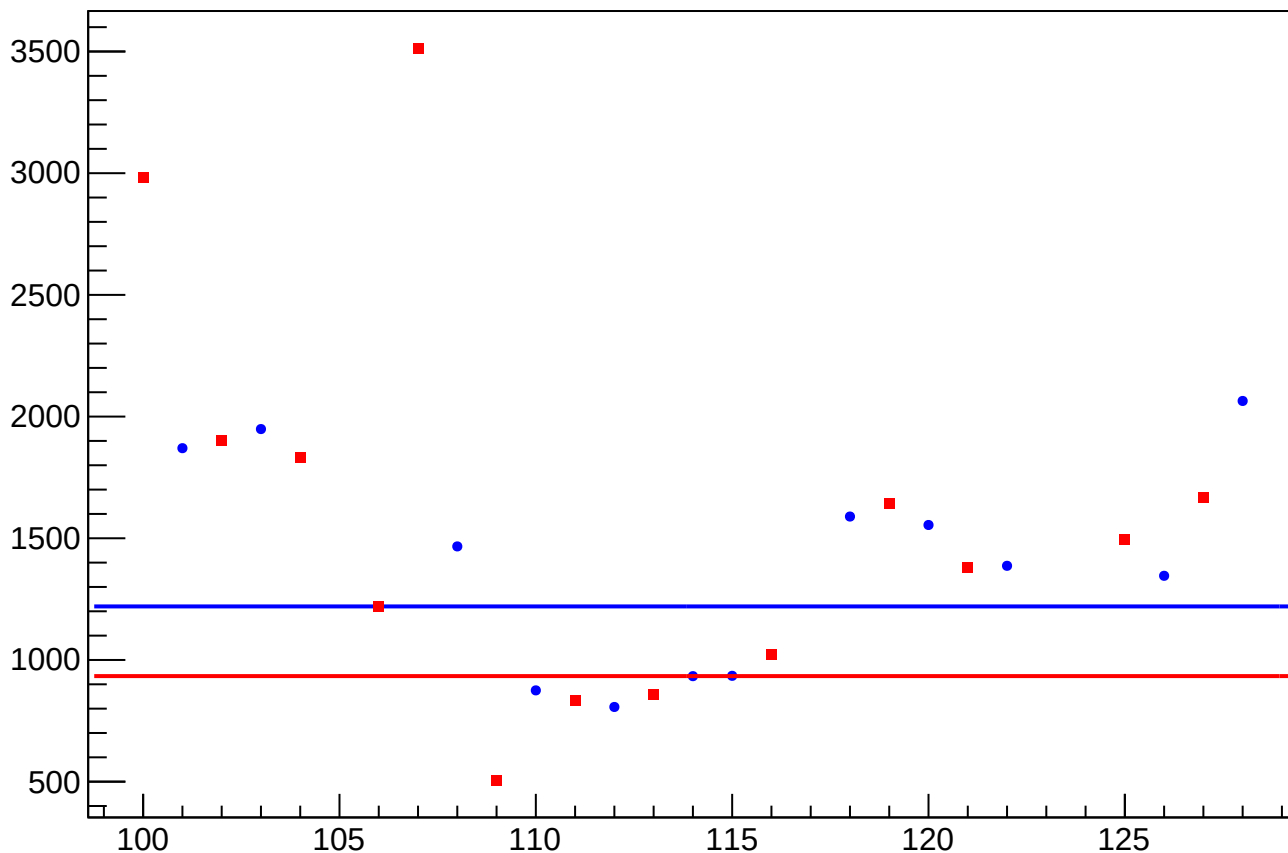
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -613.395+/-360.064 χ^2/NDF : 26.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_dit_correction_rms vs Slug



Right In: 1220.007 $\pm$ 0.409 χ^2 /NDF: 1045054.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

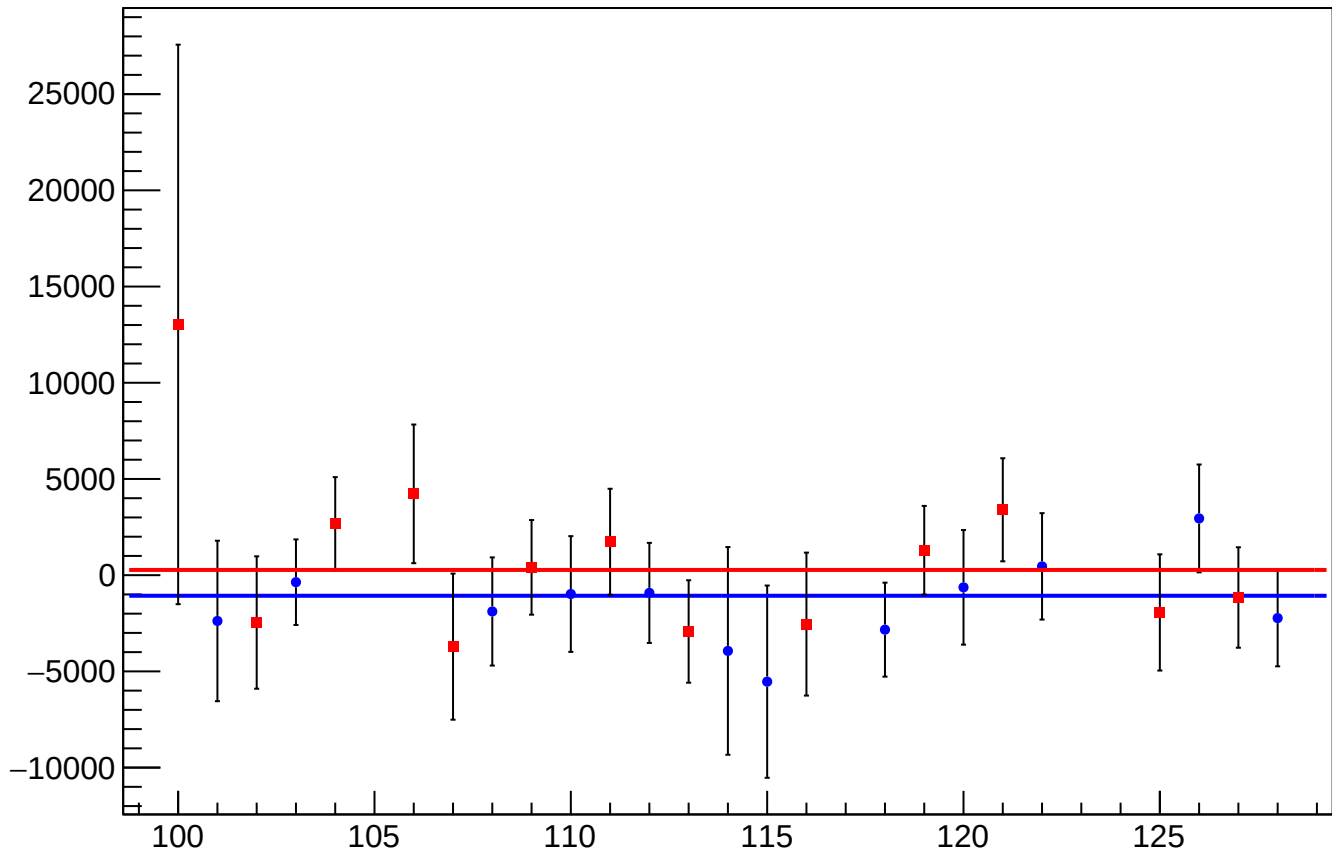
Right Out: 933.737 $\pm$ 0.325 χ^2 /NDF: 2237534.3/12

All: 1044.440 $\pm$ 0.255 χ^2 /NDF: 3582416.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -1069.632 $\pm$ 840.130 χ^2/NDF : 4.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 272.160 $\pm$ 816.378 χ^2/NDF : 9.4/12

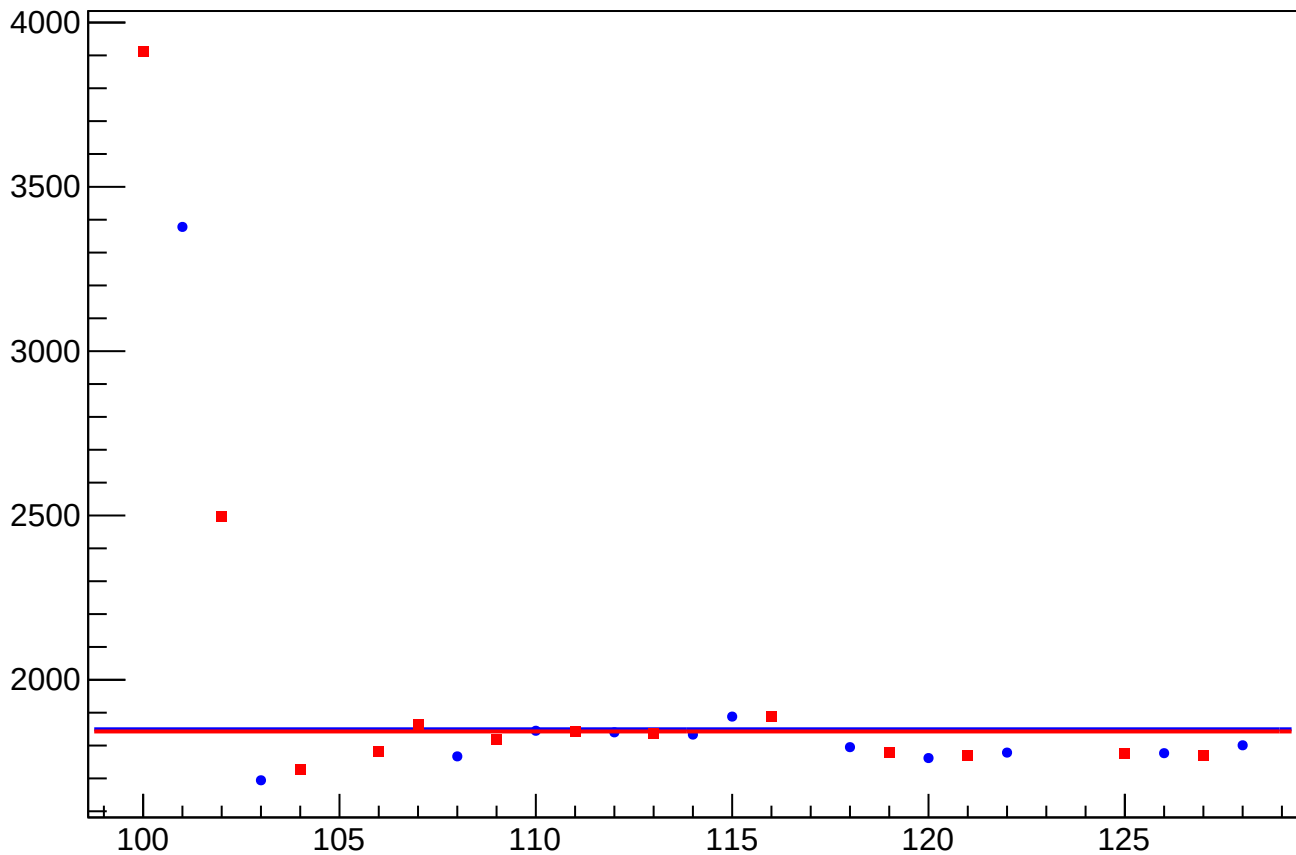
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -379.501 $\pm$ 585.484 χ^2/NDF : 15.2/24

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1849.425+/-0.594 χ^2/NDF : 286462.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1842.878+/-0.577 χ^2/NDF : 124270.2/12

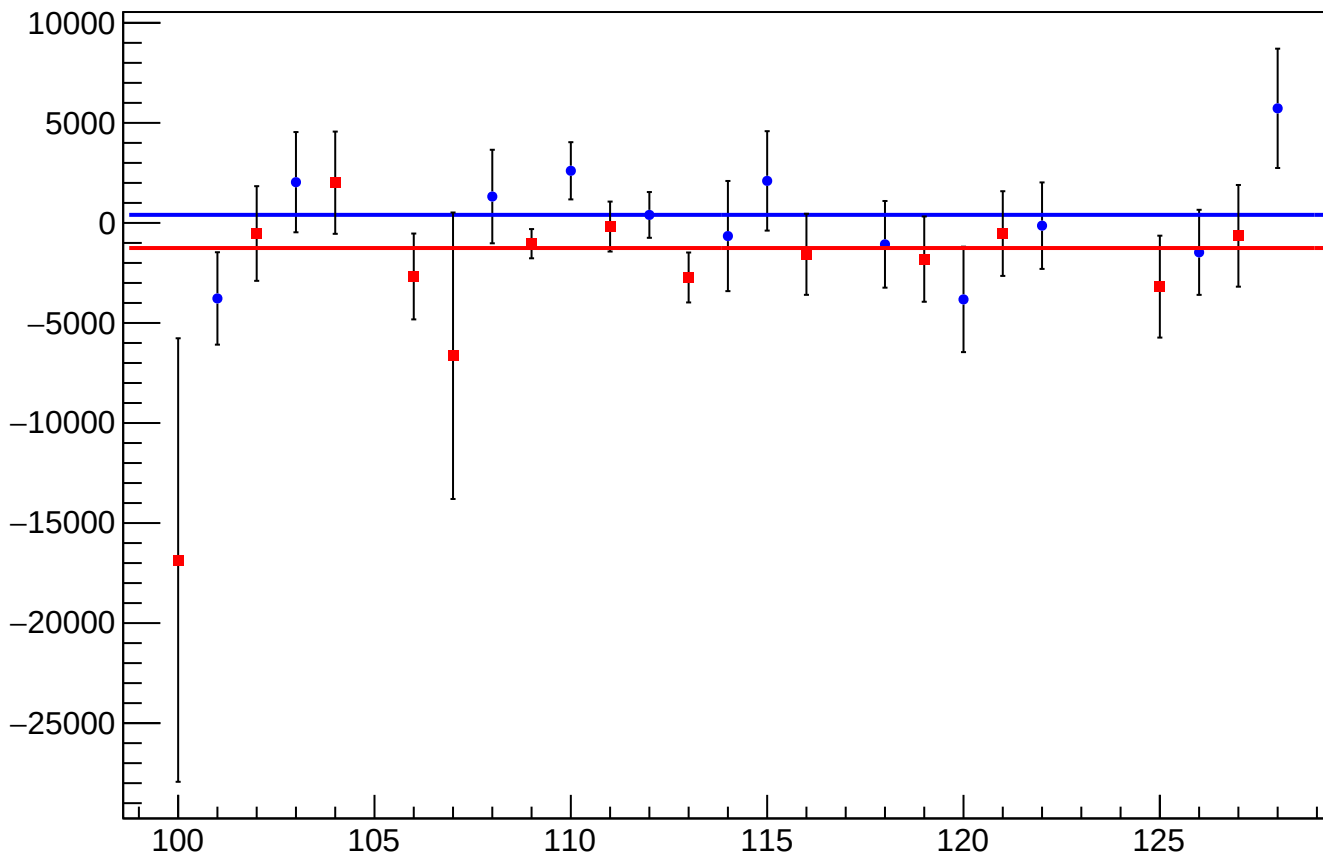
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1846.058+/-0.414 χ^2/NDF : 410795.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_correction_mean vs Slug



Right In: 403.510 $\pm$ 579.009 χ^2 /NDF: 13.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1254.598 $\pm$ 459.775 χ^2 /NDF: 7.8/12

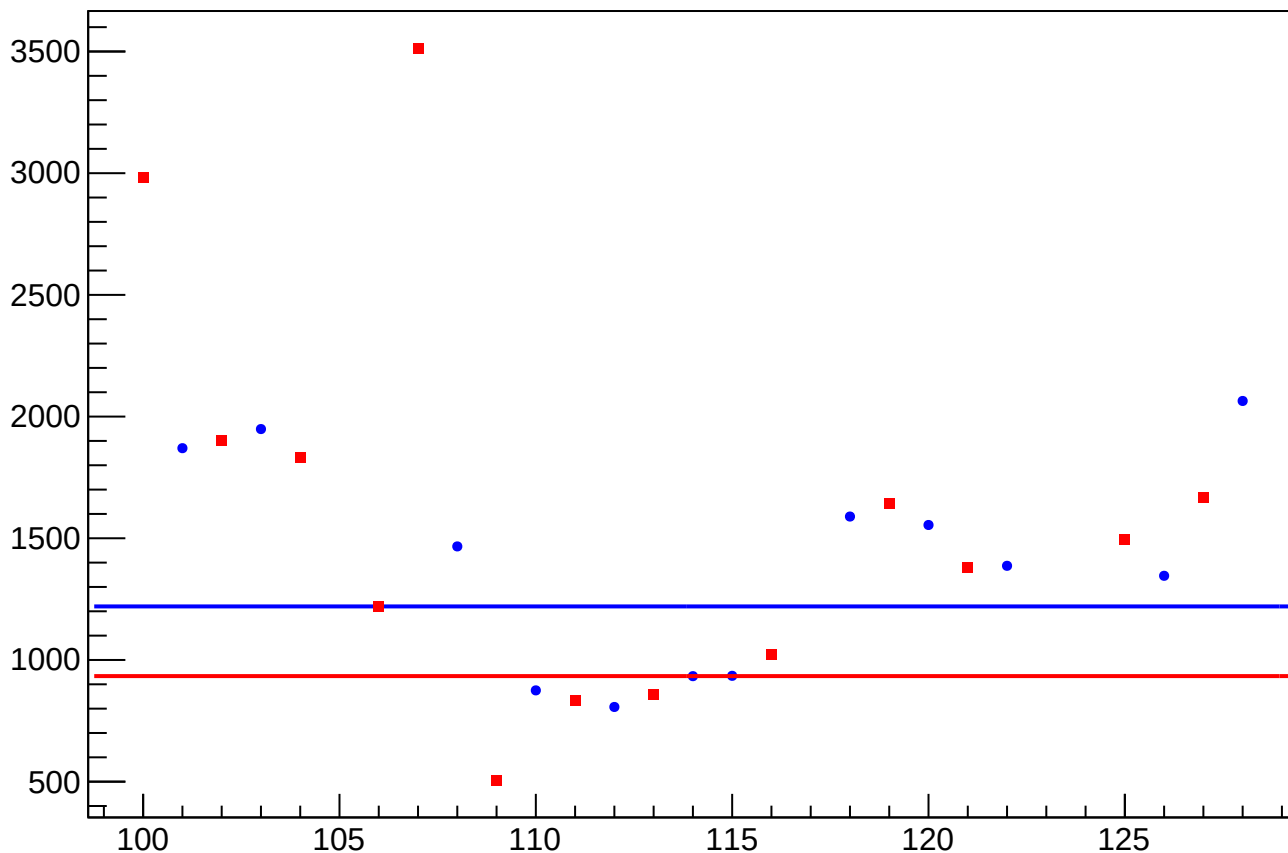
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -613.391 $\pm$ 360.063 χ^2 /NDF: 26.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 1219.999 $\pm$ 0.409 χ^2 /NDF: 1045066.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

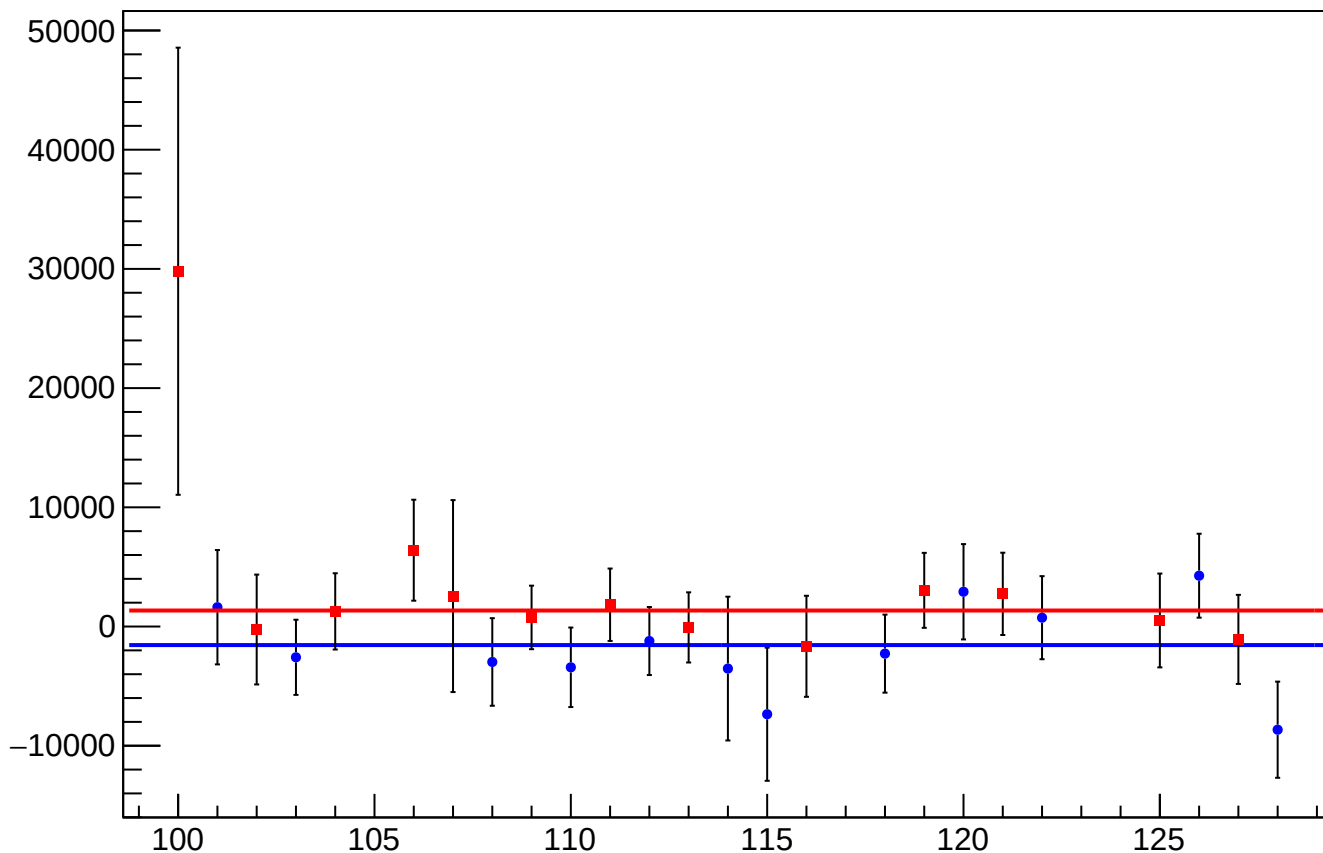
Right Out: 933.736 $\pm$ 0.325 χ^2 /NDF: 2237526.1/12

All: 1044.437 $\pm$ 0.255 χ^2 /NDF: 3582409.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -1556.565+/-1071.544 χ^2/NDF : 9.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1343.466+/-1020.330 χ^2/NDF : 5.6/12

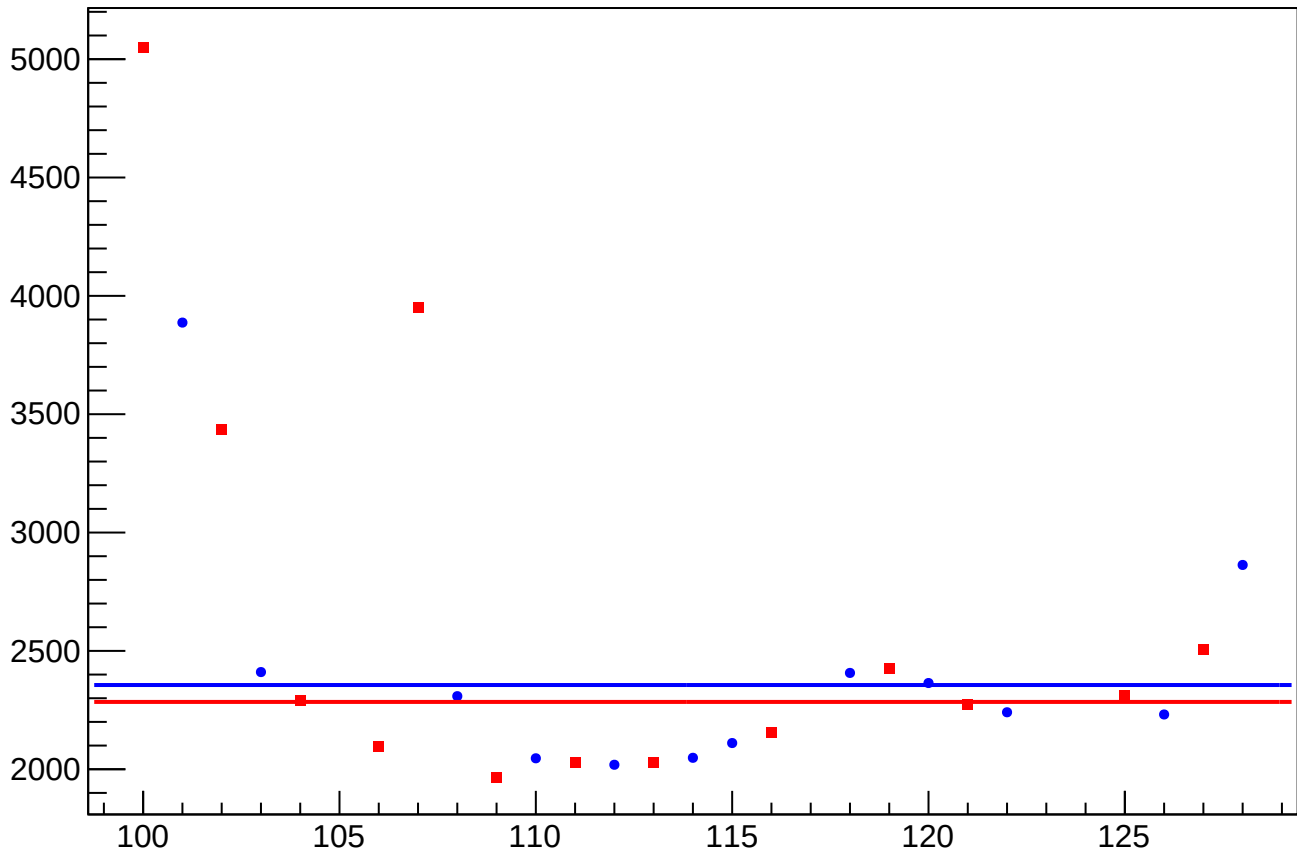
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.593+/-738.924 χ^2/NDF : 19.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 2355.836+/-0.758 χ^2/NDF : 295723.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2284.411+/-0.721 χ^2/NDF : 328784.9/12

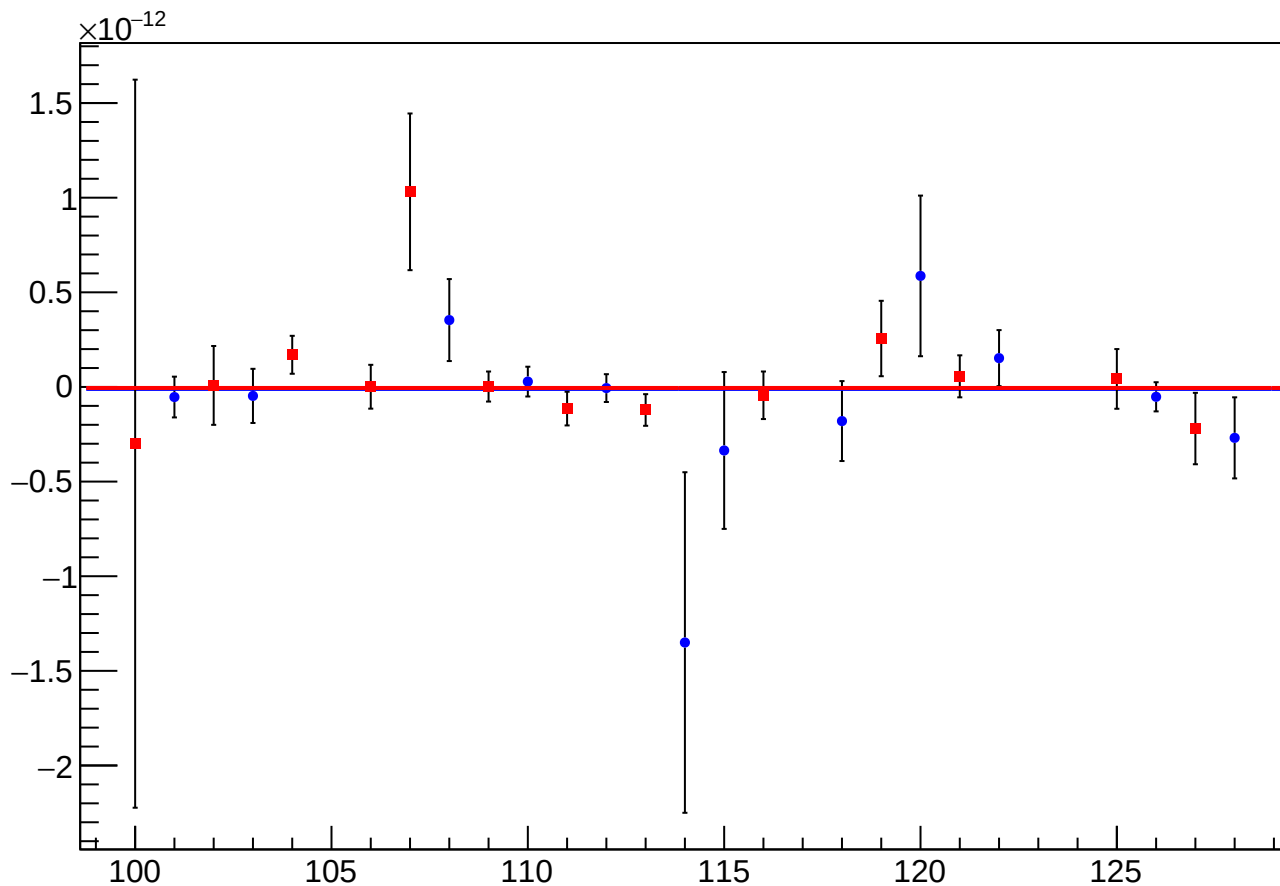
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2318.376+/-0.522 χ^2/NDF : 629168.7/24

- sign 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: 11.7/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 16.3/12

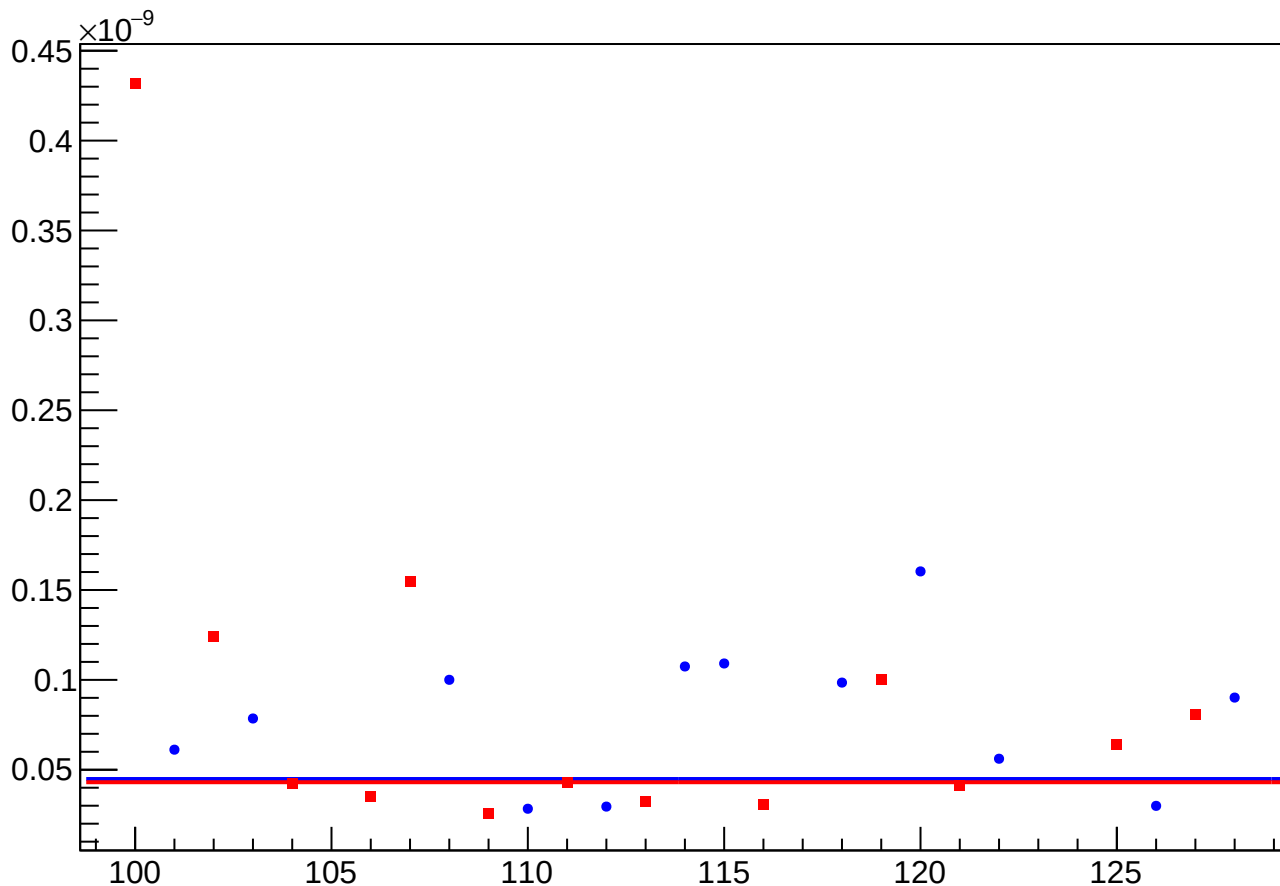
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 28.0/24

- 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 : 973355.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 968263.9/12

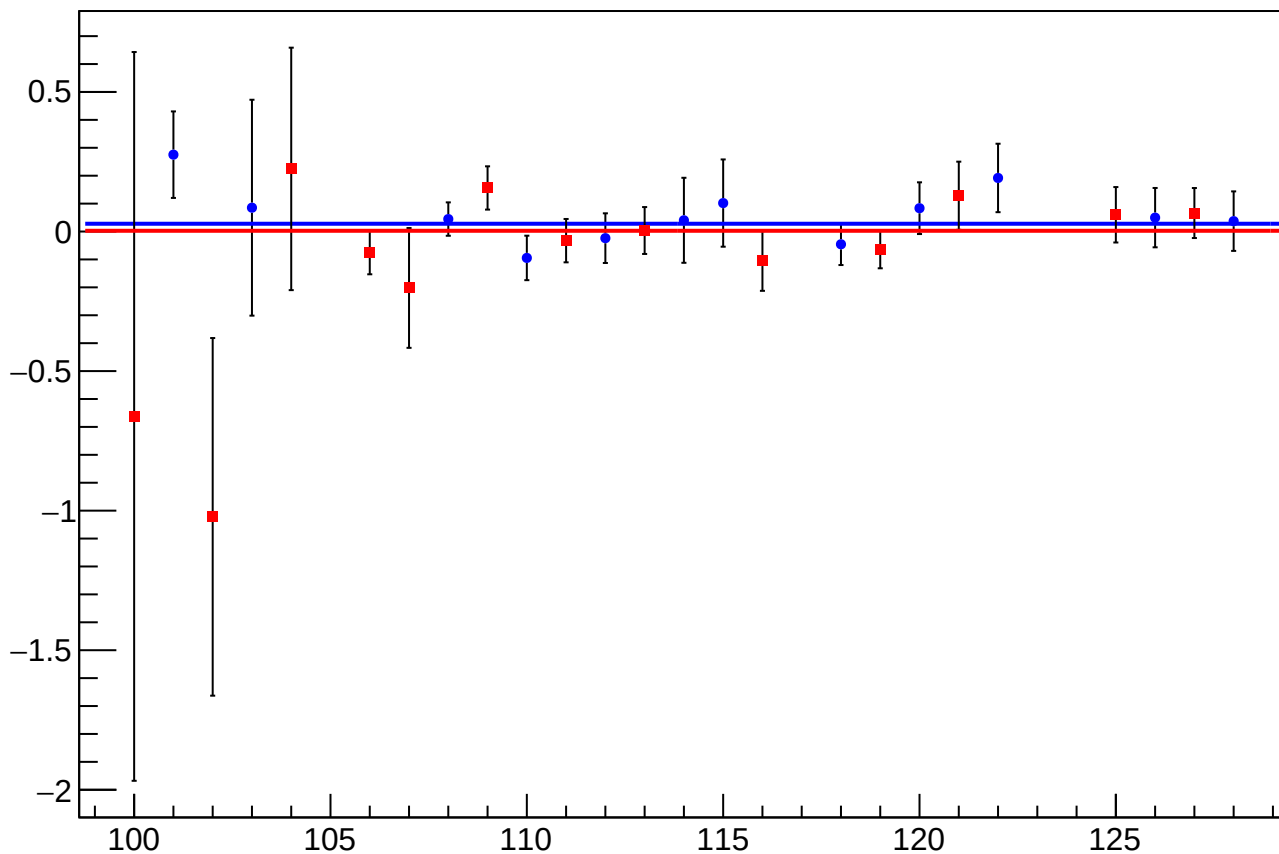
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1944203.8/24

- 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: 0.028 $\pm$ 0.028 χ^2 /NDF: 8.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.003 $\pm$ 0.028 χ^2 /NDF: 12.9/12

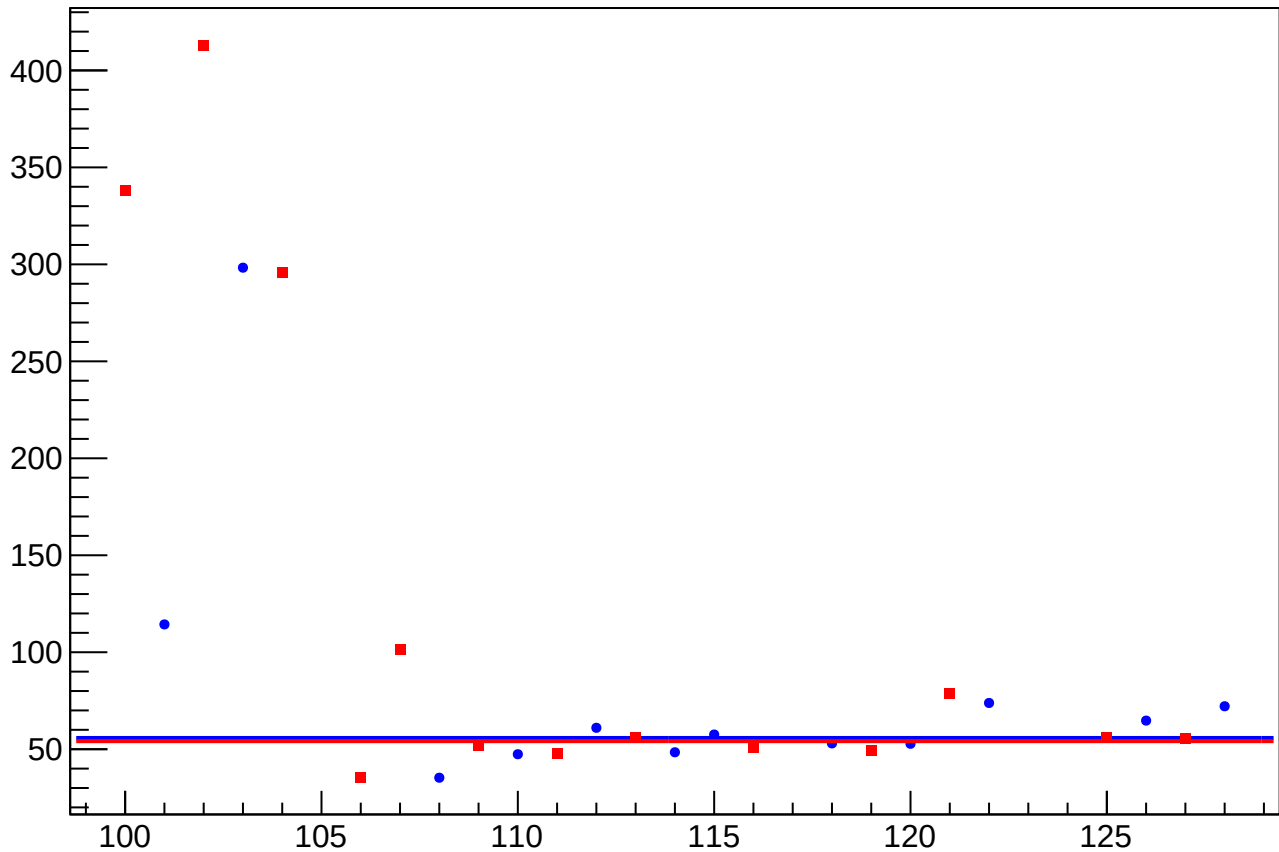
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.015 $\pm$ 0.020 χ^2 /NDF: 22.1/24

- 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: 55.798 $\pm$ 0.020 χ^2 /NDF: 1450197.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 54.146 $\pm$ 0.020 χ^2 /NDF: 1661378.9/12

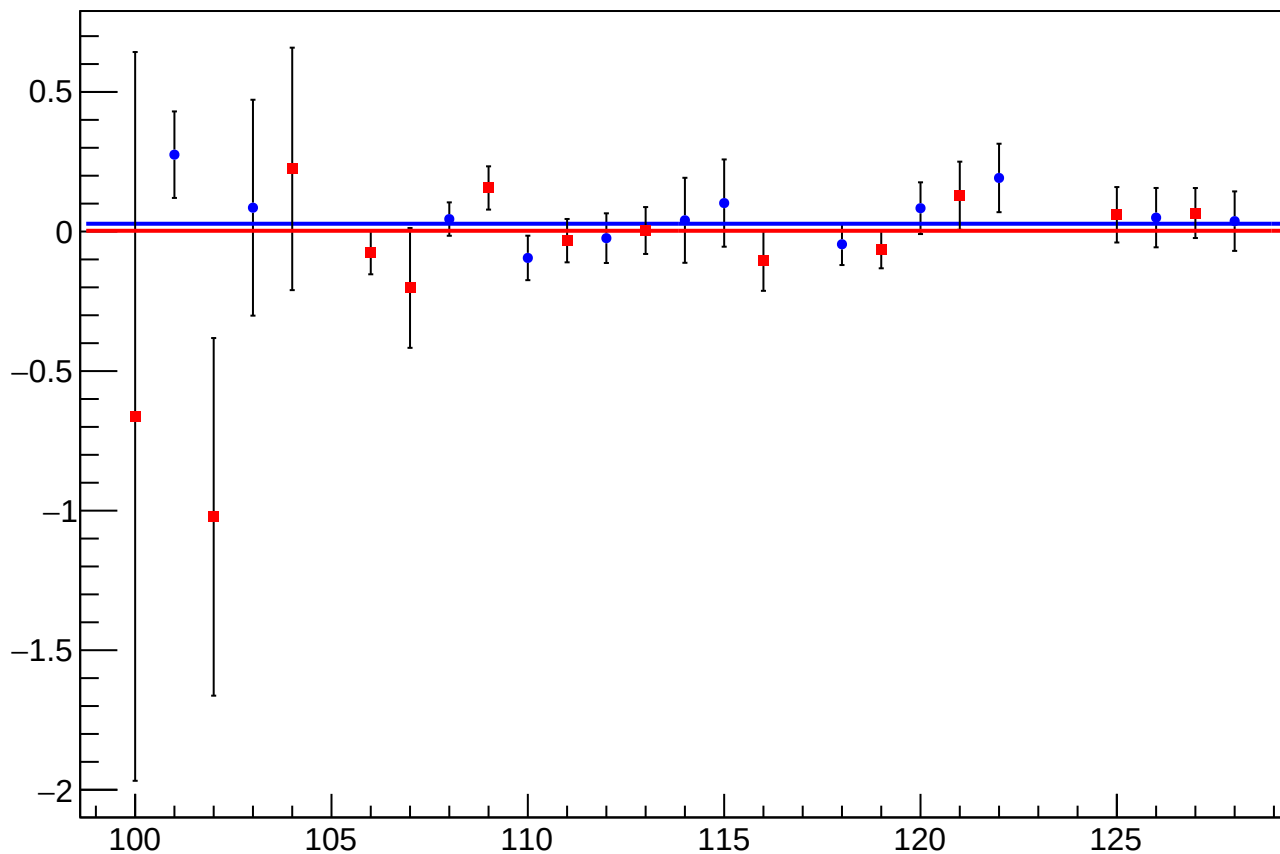
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 54.965 $\pm$ 0.014 χ^2 /NDF: 3114977.4/24

- 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: 0.028 $\pm$ 0.028 χ^2 /NDF: 8.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.028 χ^2 /NDF: 12.9/12

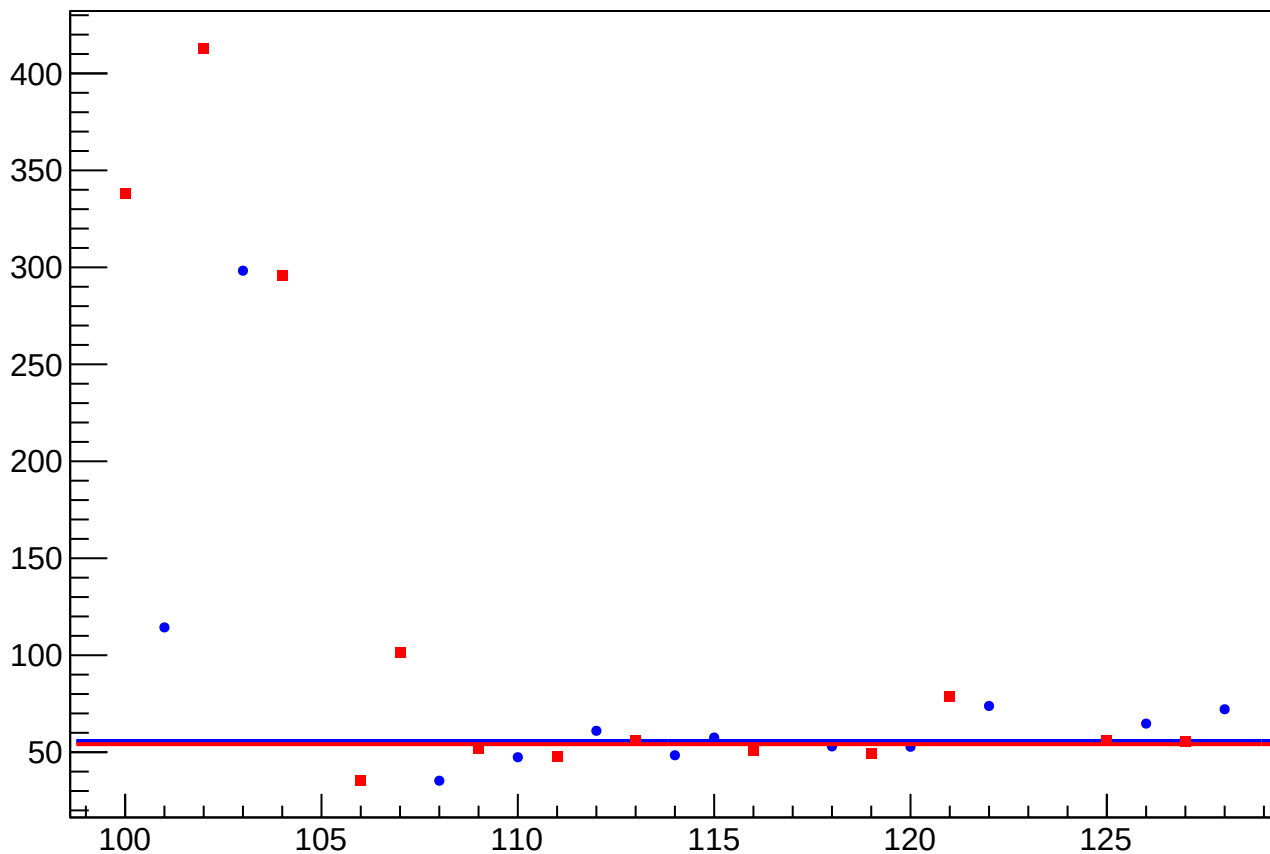
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.015 $\pm$ 0.020 χ^2 /NDF: 22.1/24

- 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: 55.798 $\pm$ 0.020 χ^2 /NDF: 1450197.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 54.146 $\pm$ 0.020 χ^2 /NDF: 1661378.9/12

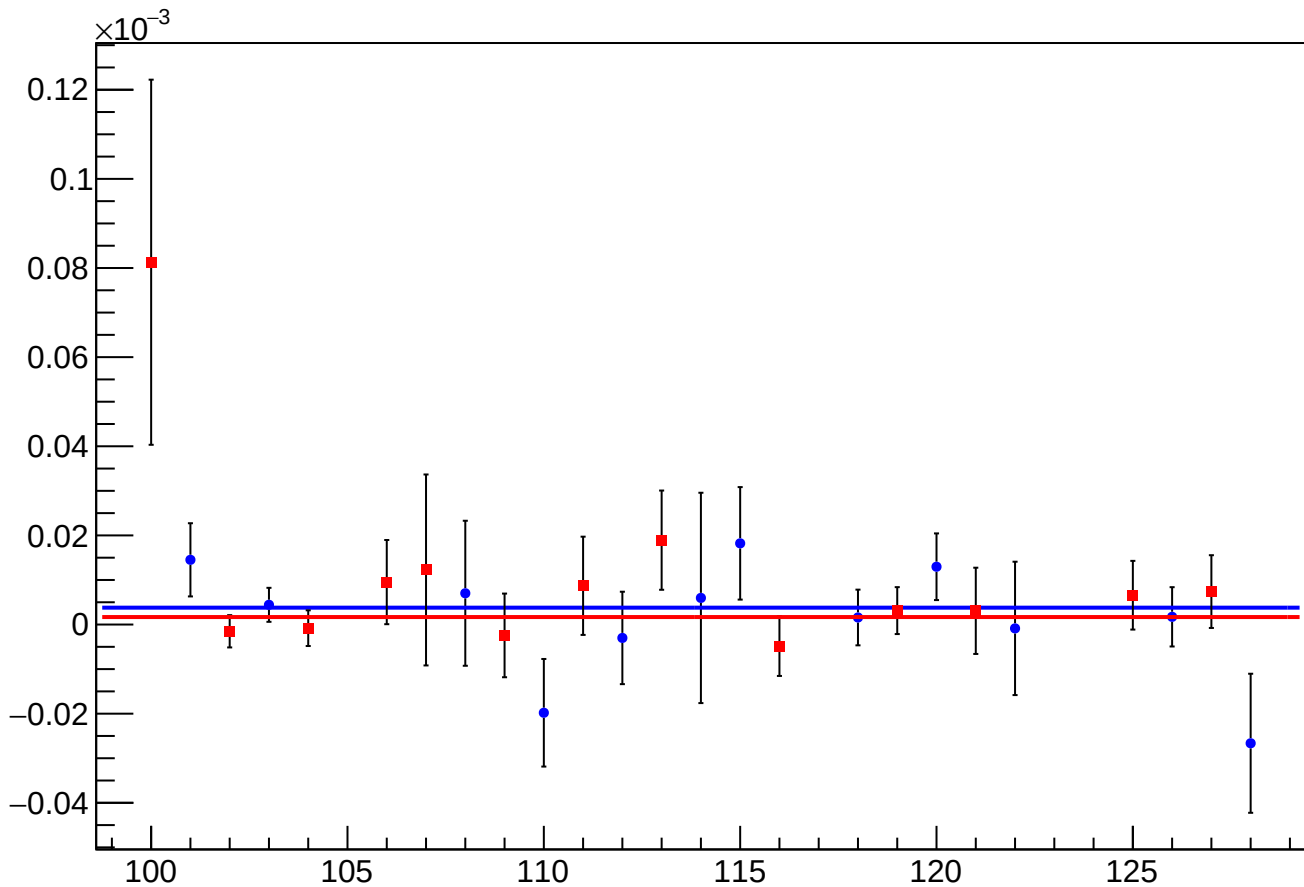
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 54.965 $\pm$ 0.014 χ^2 /NDF: 3114977.4/24

- sign 0.000 $\pm$ 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: 13.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.8/12

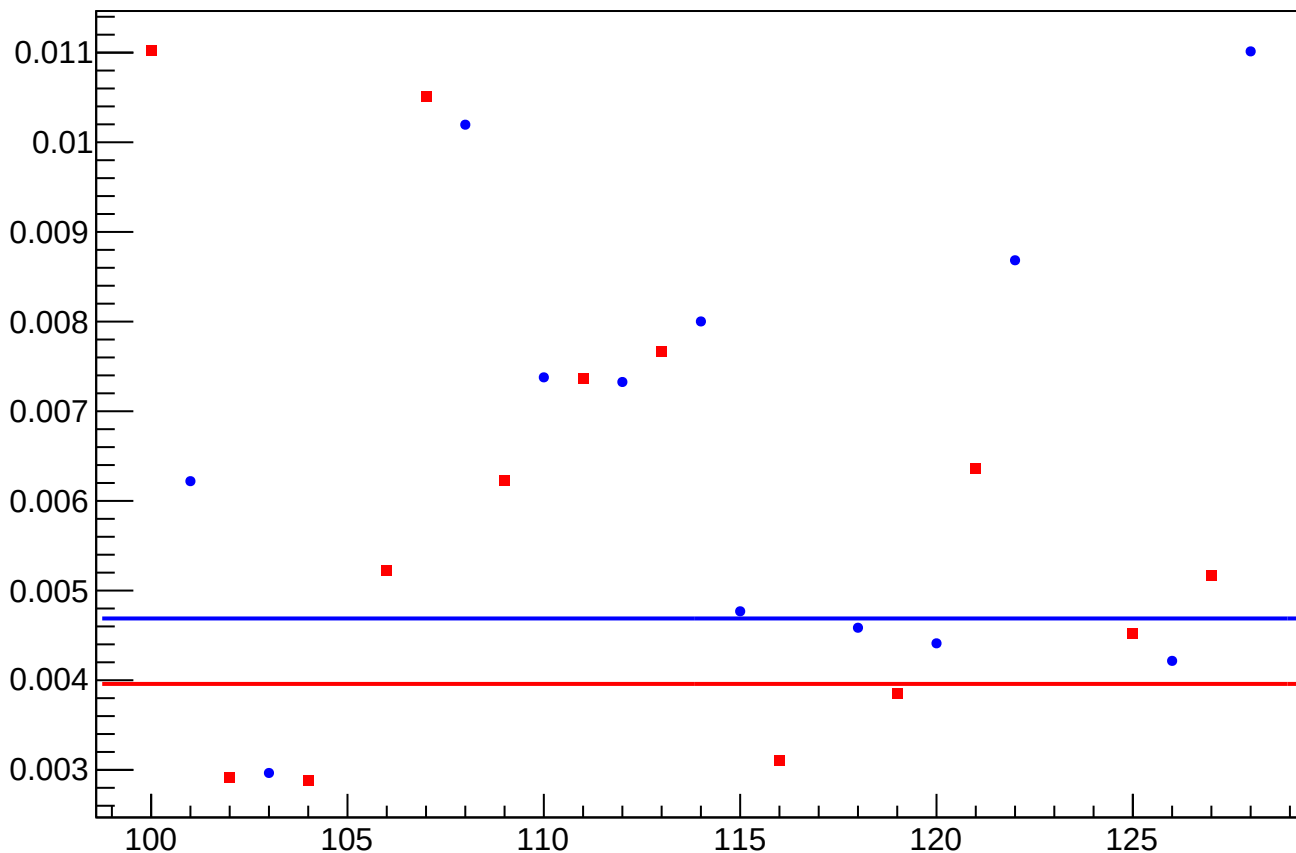
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 24.3/24

- 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 : 1459929.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1332111.7/12

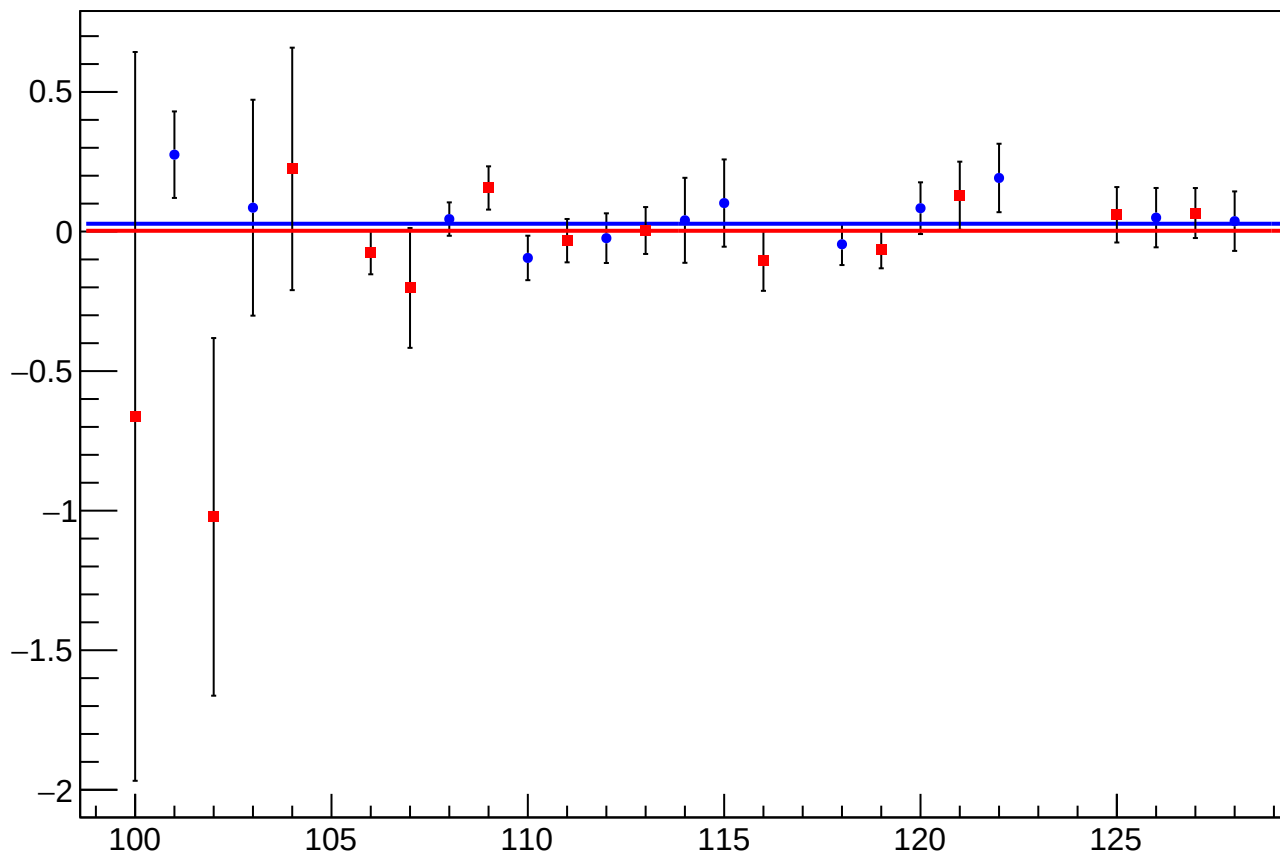
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 2911451.5/24

- 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: 0.028+/-0.028 χ^2/NDF : 8.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.028 χ^2/NDF : 12.9/12

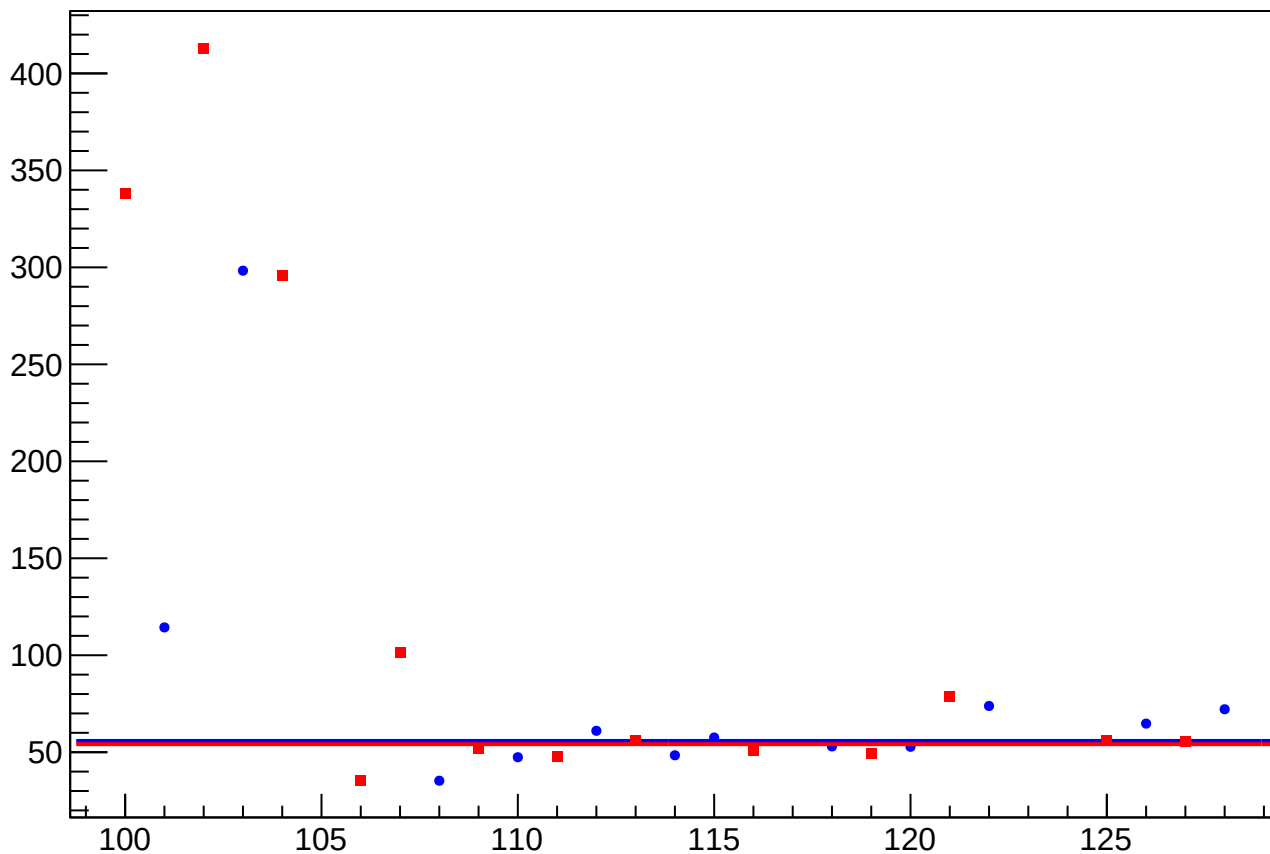
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.020 χ^2/NDF : 22.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 55.800+/-0.020 χ^2/NDF : 1450078.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.146+/-0.020 χ^2/NDF : 1661354.0/12

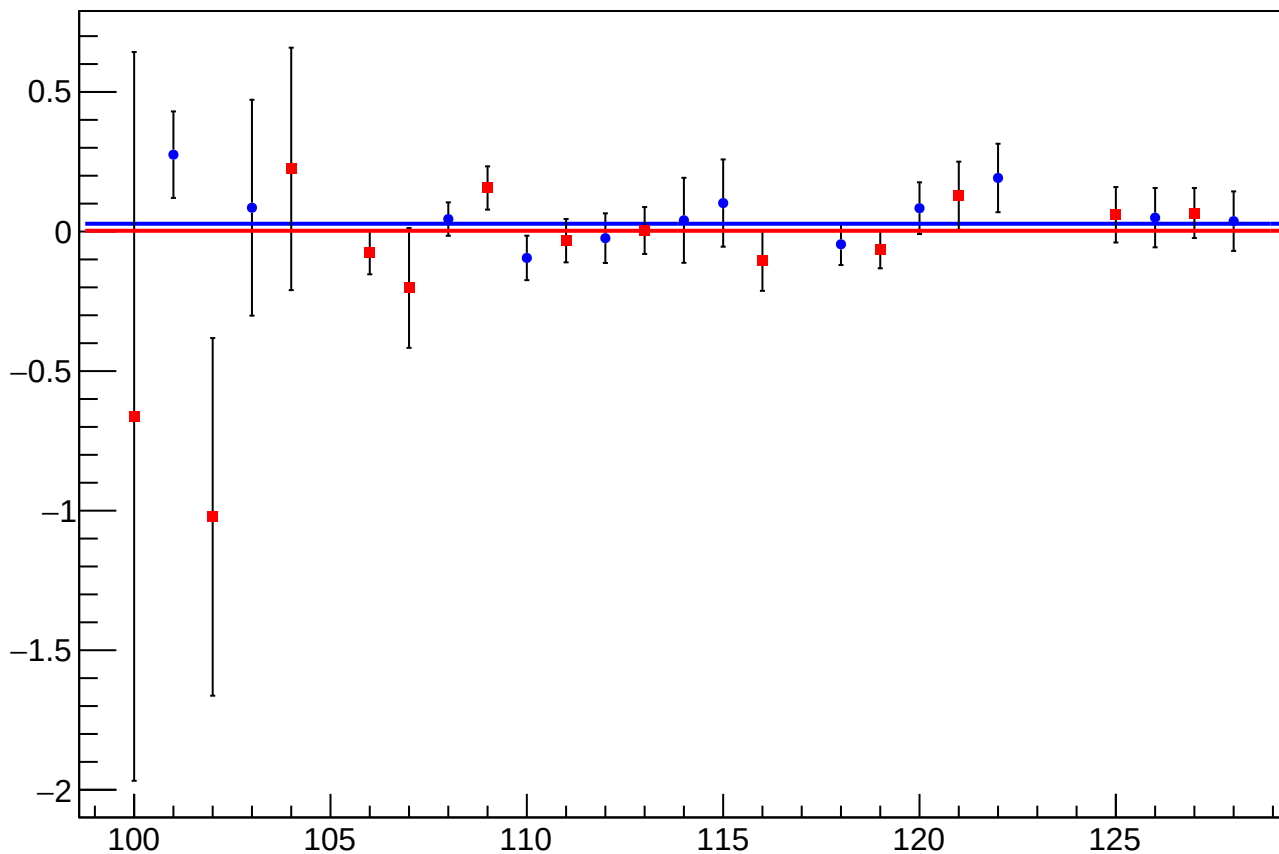
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.966+/-0.014 χ^2/NDF : 3114838.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.028+/-0.028 χ^2/NDF : 8.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.028 χ^2/NDF : 12.9/12

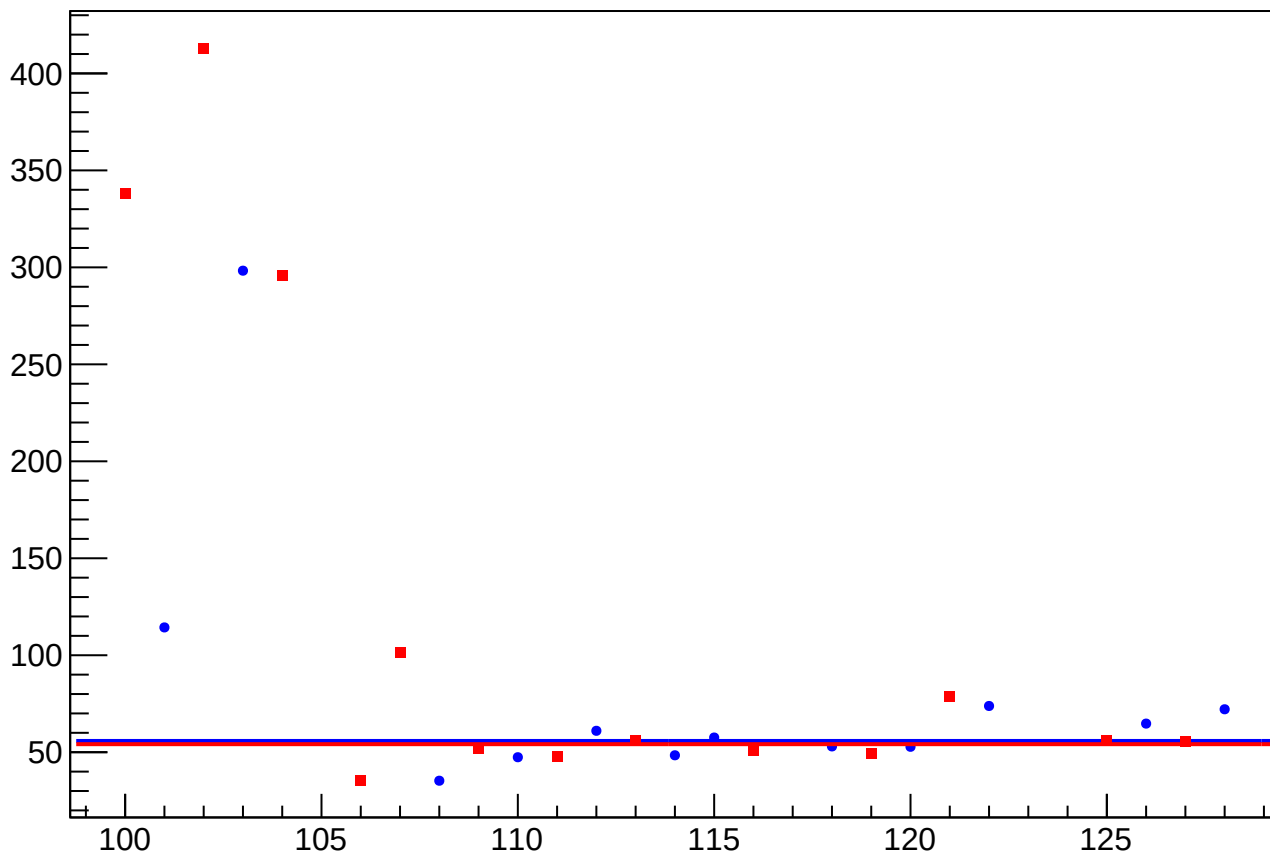
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.020 χ^2/NDF : 22.1/24

- sign 0.000+/-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: 55.800+/-0.020 χ^2/NDF : 1450078.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.146+/-0.020 χ^2/NDF : 1661354.0/12

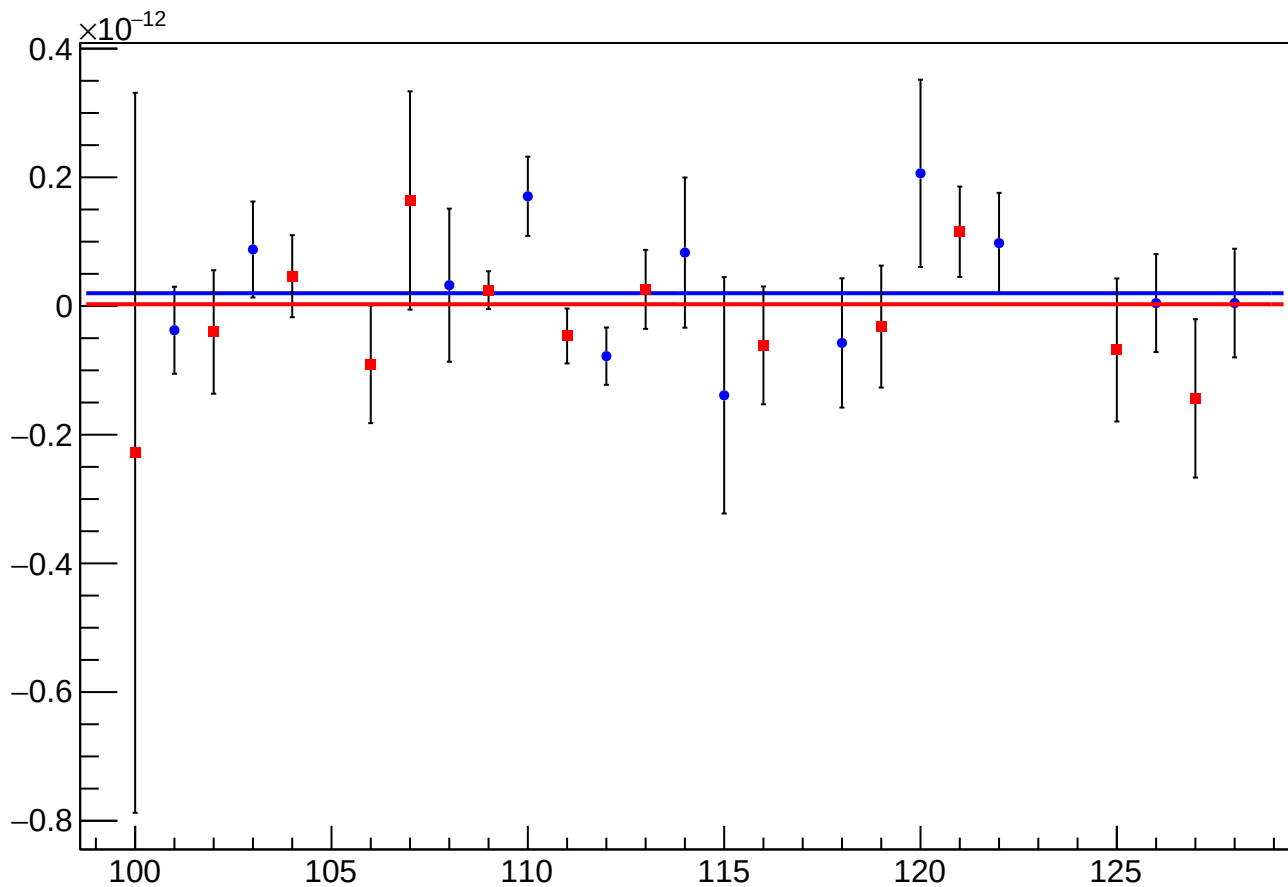
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.966+/-0.014 χ^2/NDF : 3114838.8/24

- 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: 16.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.8/12

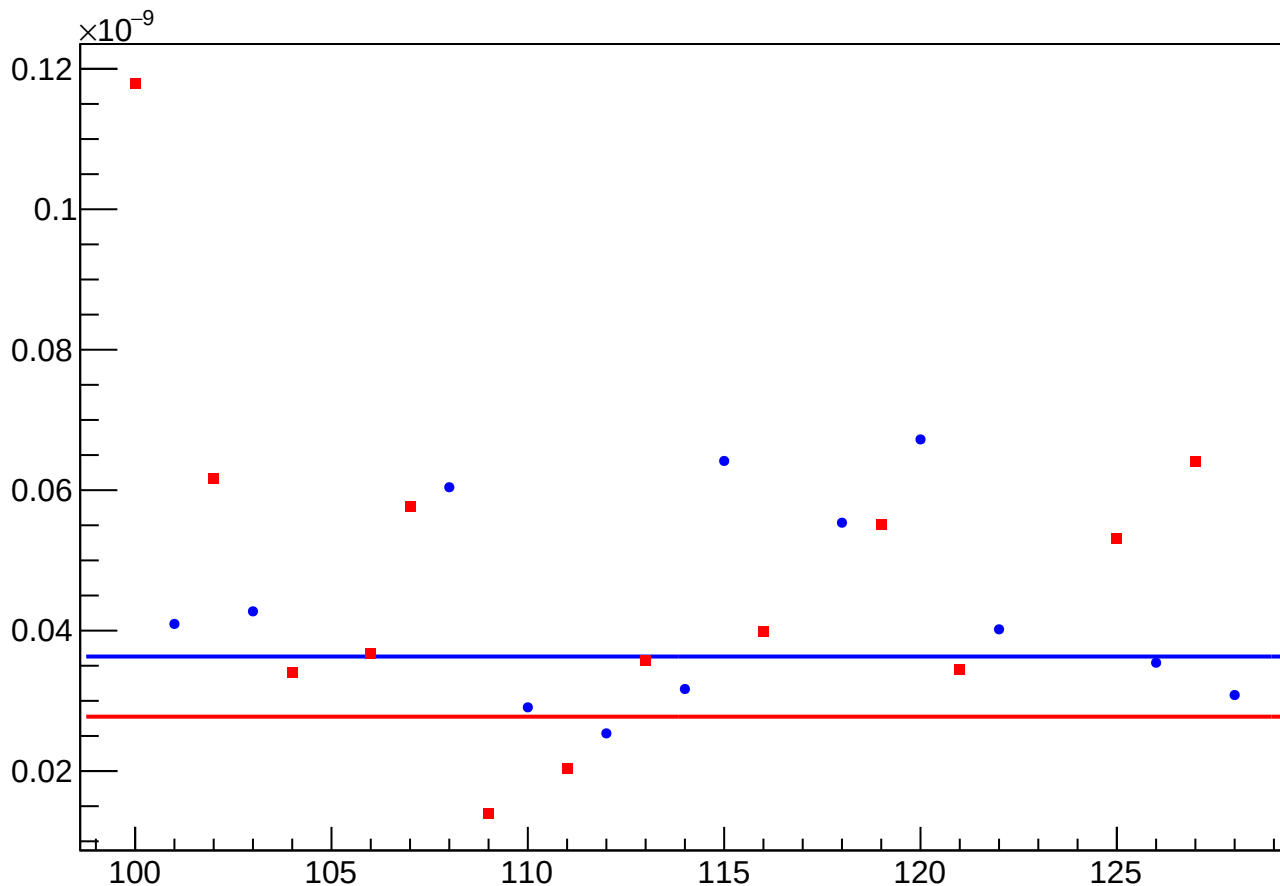
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 26.9/24

- 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 : 479729.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1435724.2/12

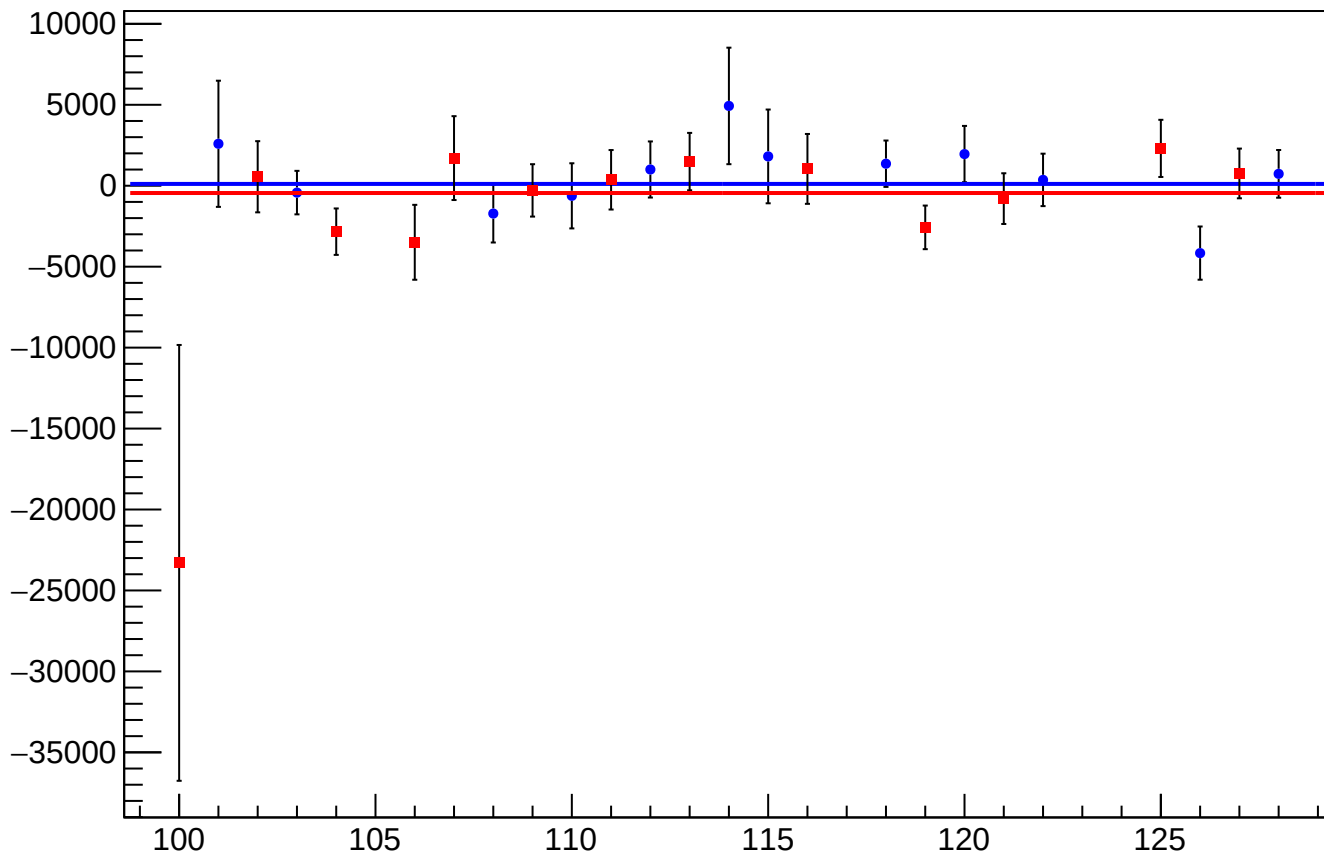
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2090958.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 111.913+/-517.134 χ^2/NDF : 13.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -449.595+/-503.165 χ^2/NDF : 15.8/12

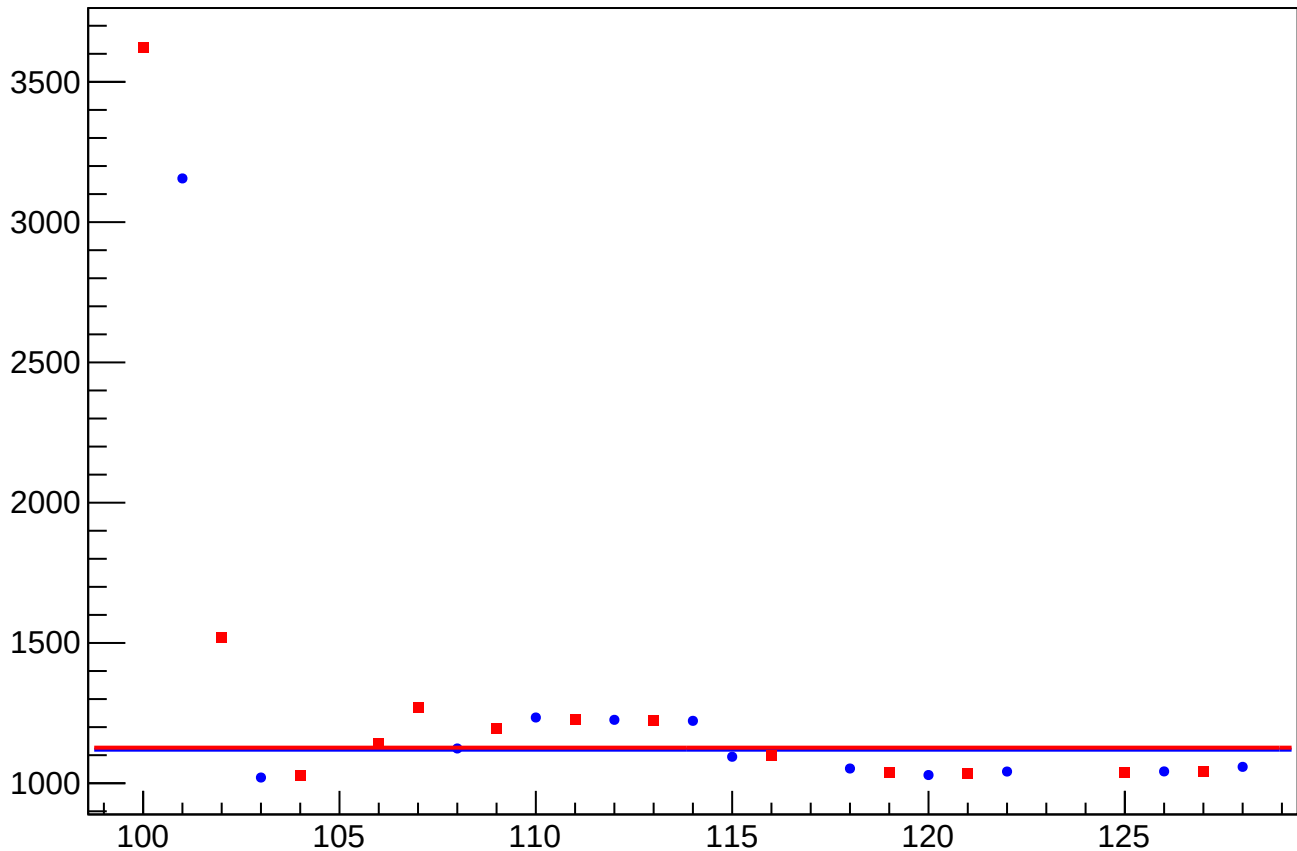
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -176.527+/-360.629 χ^2/NDF : 29.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1119.604 $\pm$ 0.366 χ^2 /NDF: 595087.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1126.844 $\pm$ 0.356 χ^2 /NDF: 191496.8/12

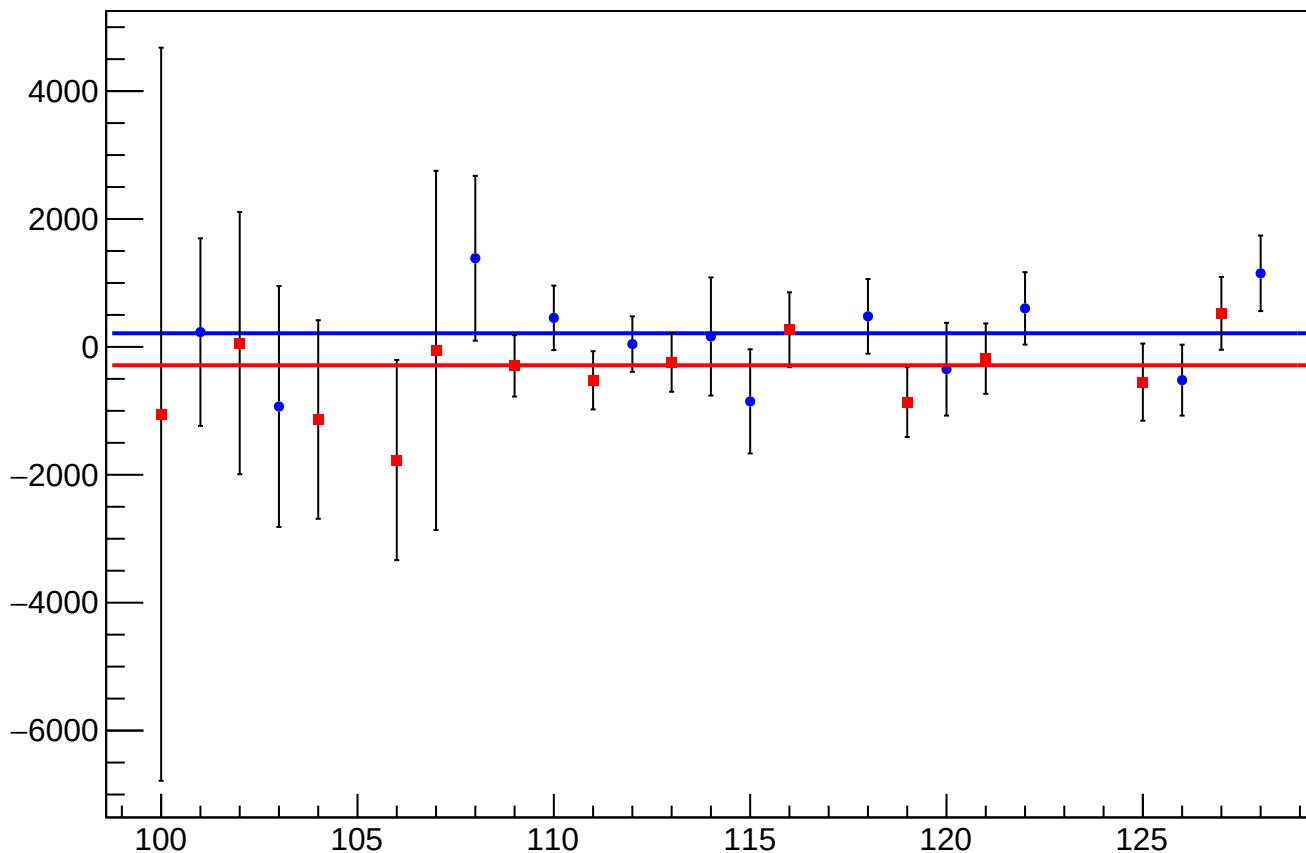
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1123.323 $\pm$ 0.255 χ^2 /NDF: 786785.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_reg_correction_mean vs Slug



Right In: 213.223+/-191.257 χ^2/NDF : 8.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -287.350+/-181.094 χ^2/NDF : 5.8/12

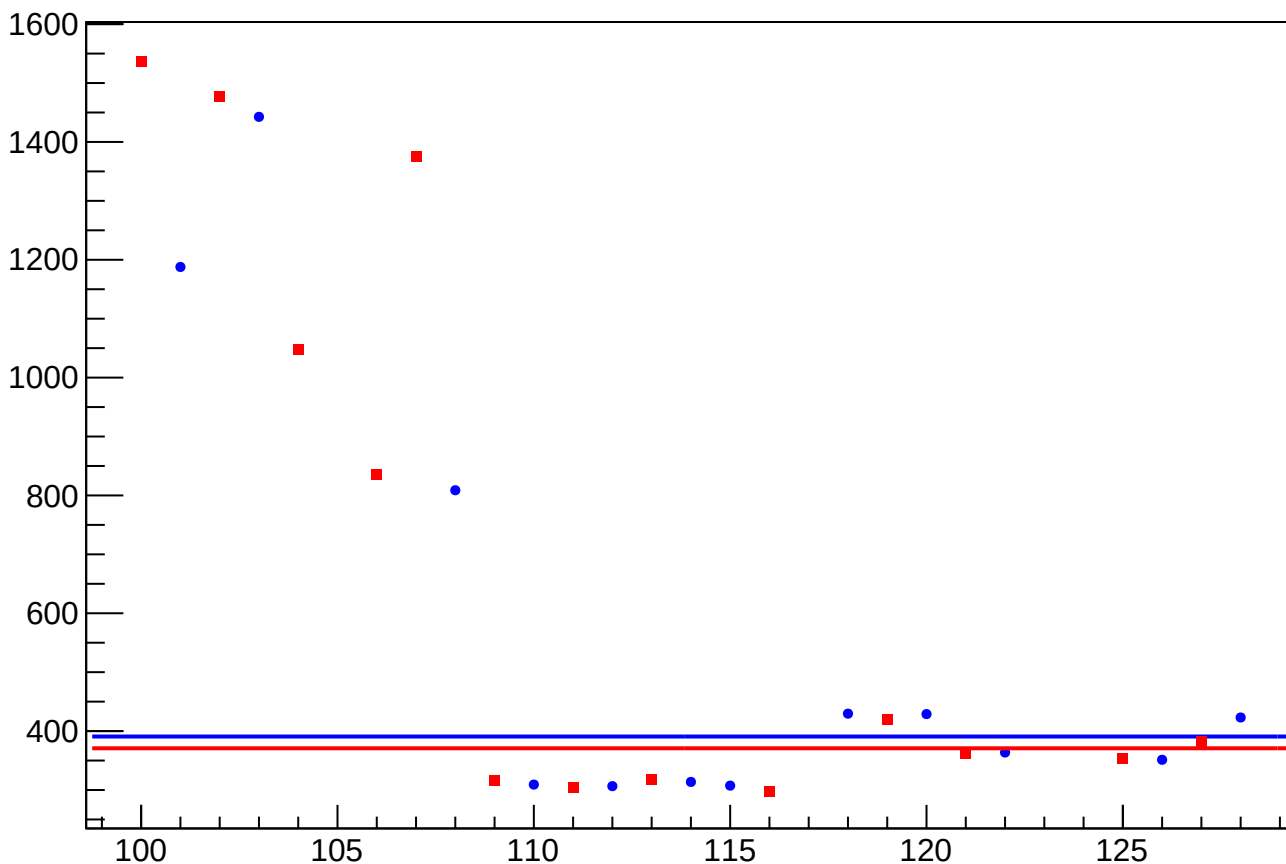
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.716+/-131.499 χ^2/NDF : 18.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_reg_correction_rms vs Slug



Right In: 390.781+/-0.135 χ^2/NDF : 1622360.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 370.802+/-0.128 χ^2/NDF : 1625023.7/12

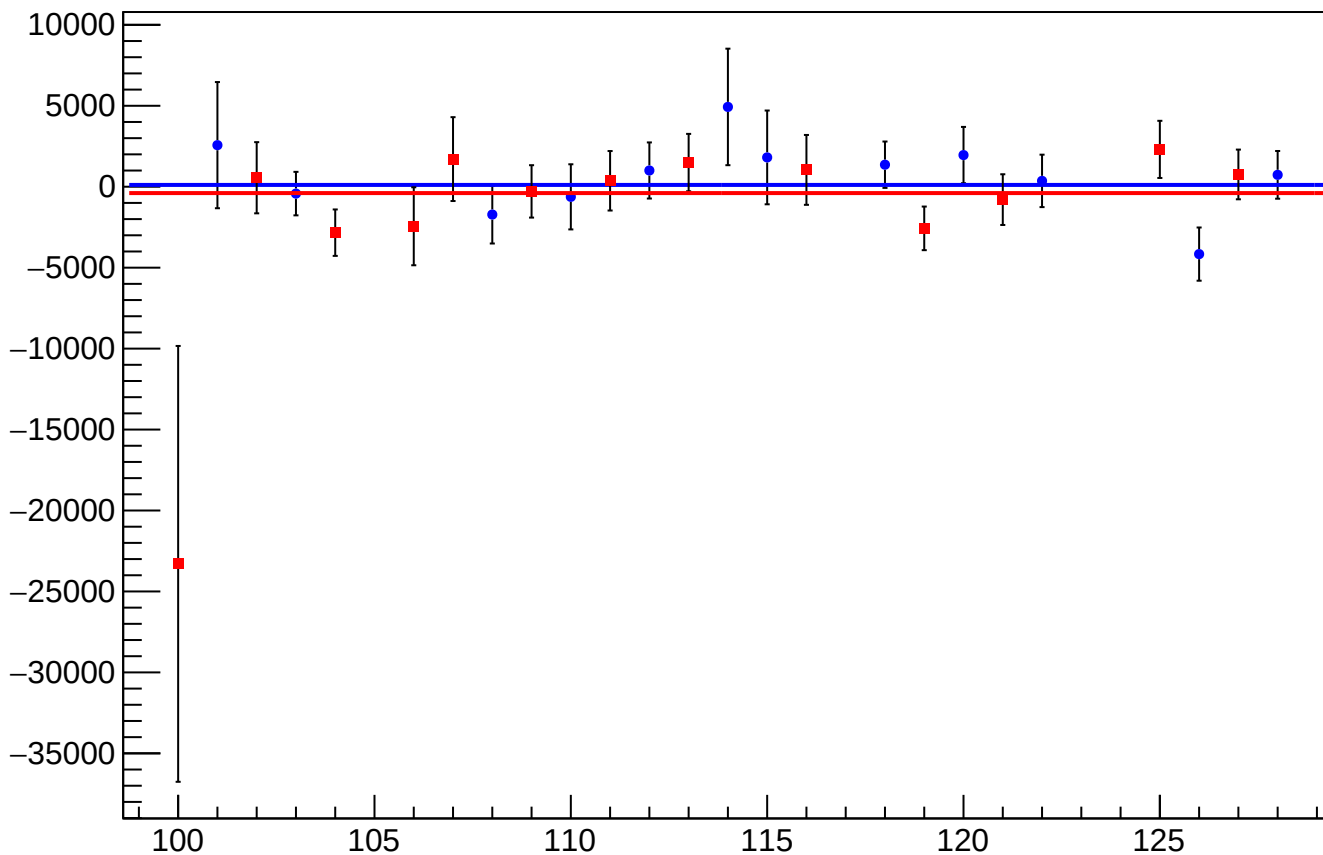
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 380.247+/-0.093 χ^2/NDF : 3258890.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 111.419 $\pm$ 517.134 χ^2 /NDF: 13.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -392.429 $\pm$ 504.086 χ^2 /NDF: 14.7/12

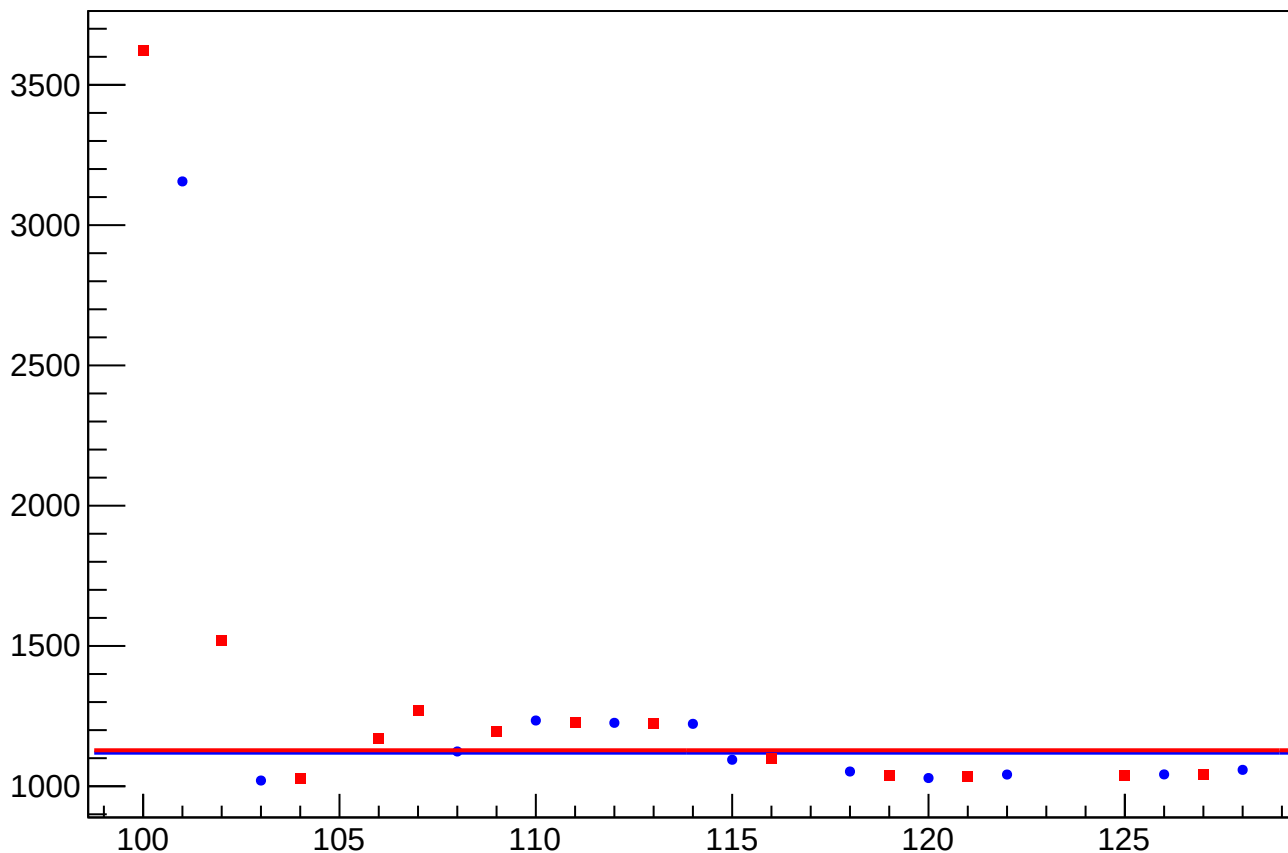
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -146.942 $\pm$ 360.967 χ^2 /NDF: 28.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1119.604+/-0.366 χ^2/NDF : 595088.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

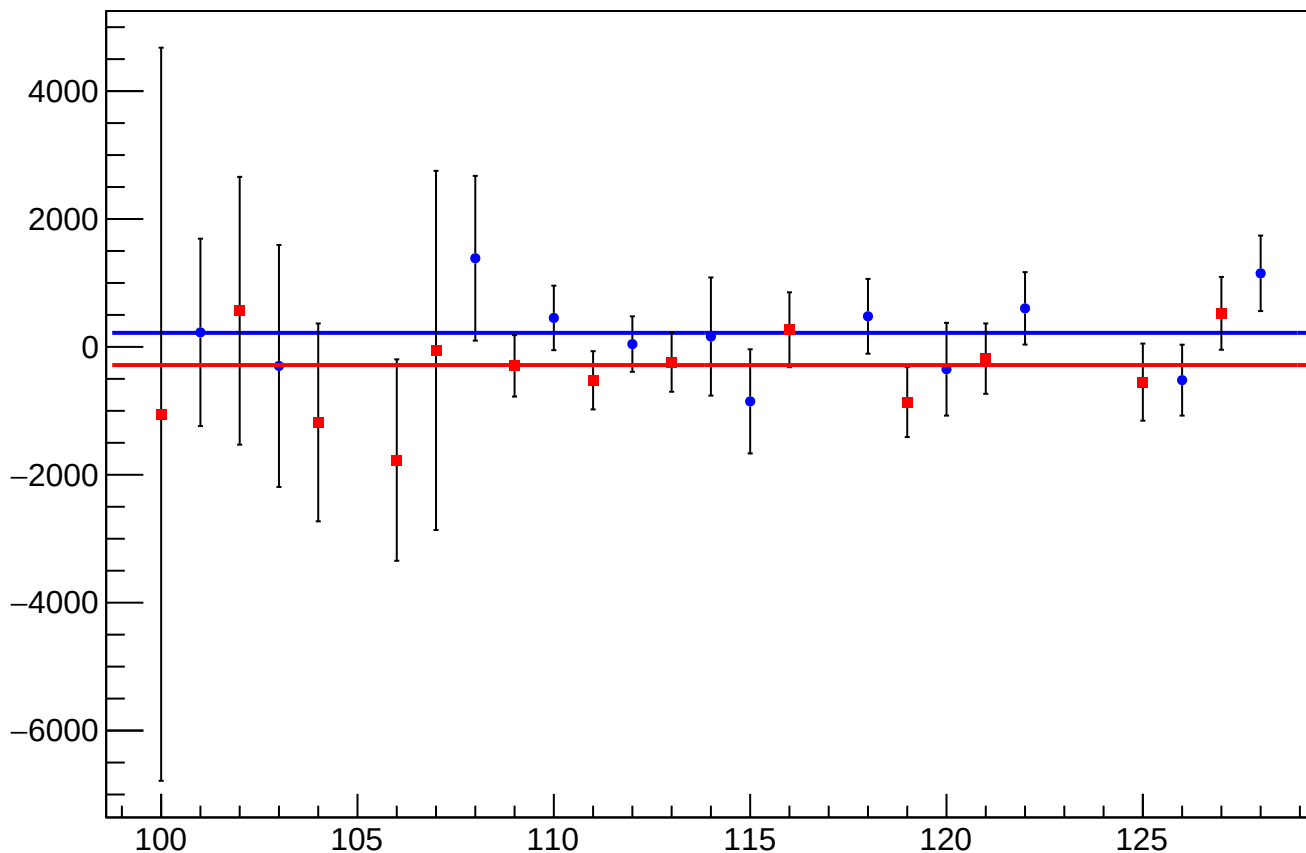
Right Out: 1128.168+/-0.356 χ^2/NDF : 192109.8/12

All: 1123.995+/-0.255 χ^2/NDF : 787479.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_cor_correction_mean vs Slug



Right In: 219.562 $\pm$ 191.263 χ^2 /NDF: 8.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -284.164 $\pm$ 181.132 χ^2 /NDF: 6.0/12

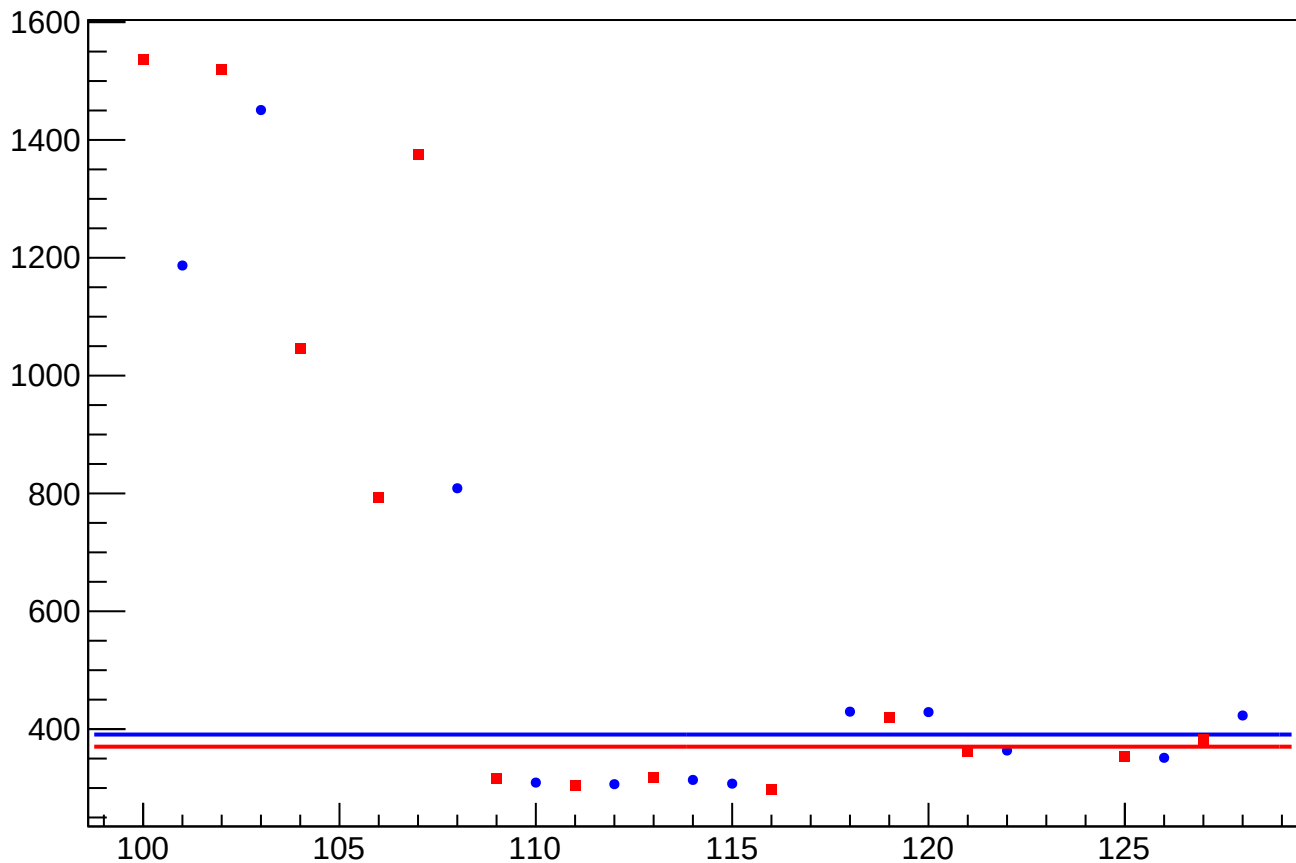
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -45.995 $\pm$ 131.516 χ^2 /NDF: 18.2/24

- 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: 390.772+/-0.135 χ^2/NDF : 1626033.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 370.174+/-0.128 χ^2/NDF : 1611917.9/12

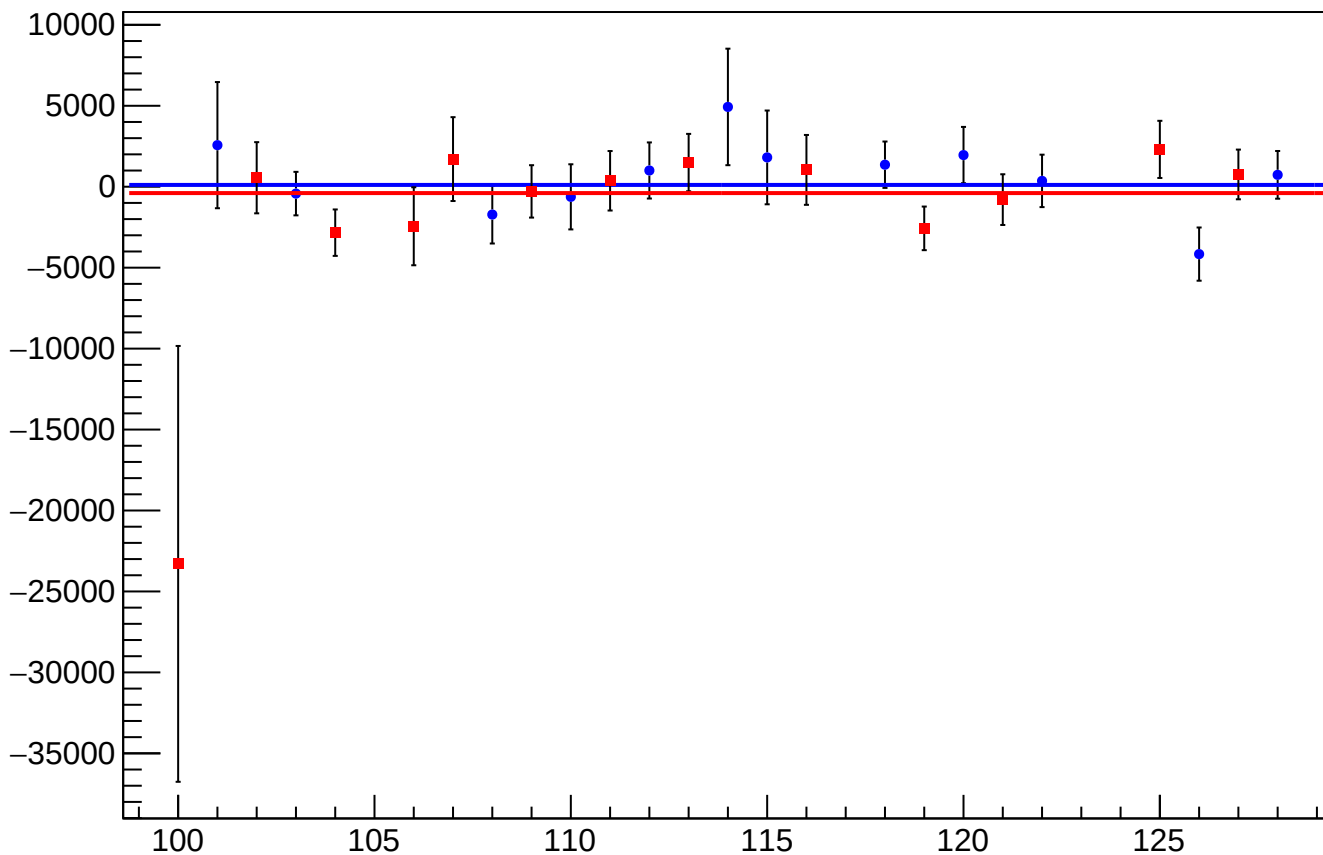
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.913+/-0.093 χ^2/NDF : 3250180.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 111.419 $\pm$ 517.134 χ^2 /NDF: 13.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -392.429 $\pm$ 504.086 χ^2 /NDF: 14.7/12

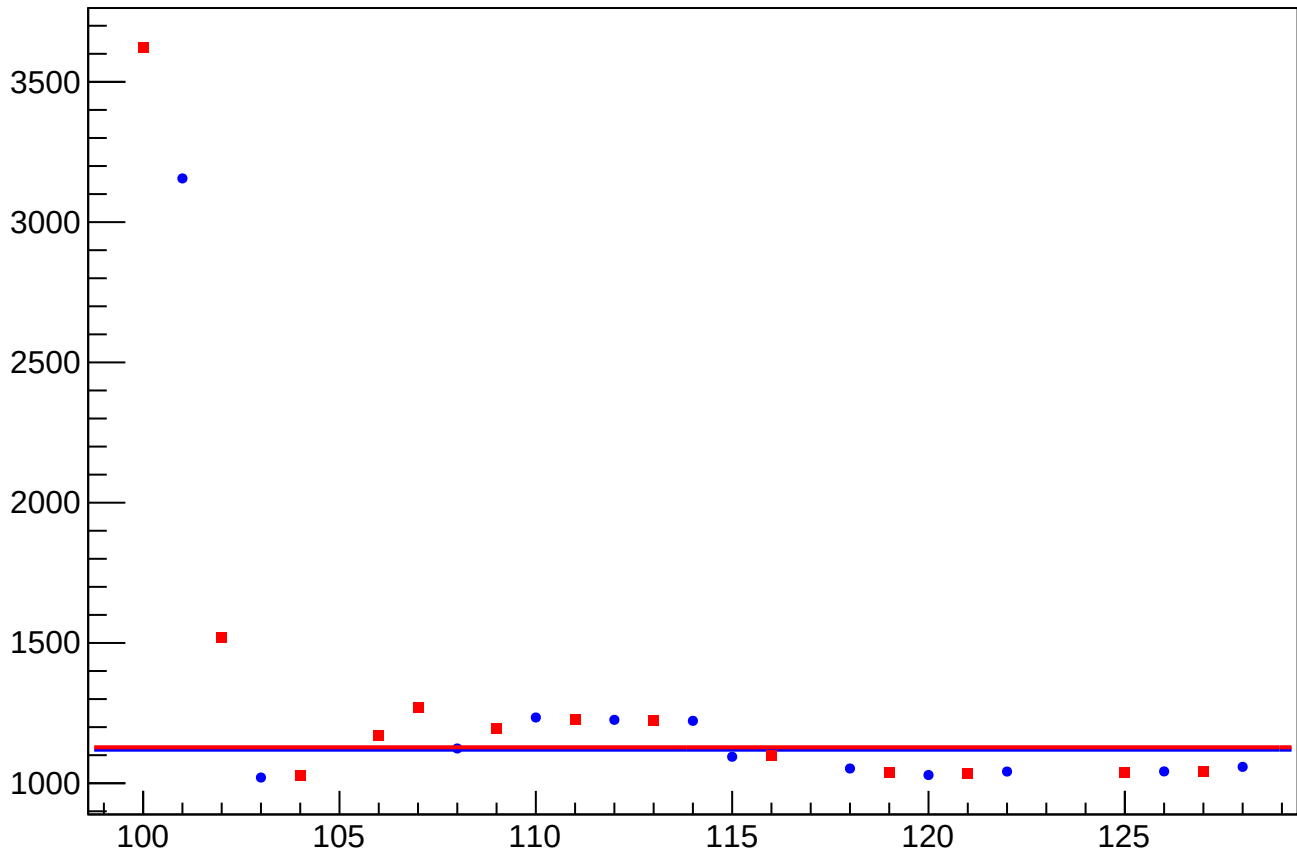
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -146.942 $\pm$ 360.967 χ^2 /NDF: 28.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1119.604+/-0.366 χ^2/NDF : 595088.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1128.168+/-0.356 χ^2/NDF : 192109.8/12

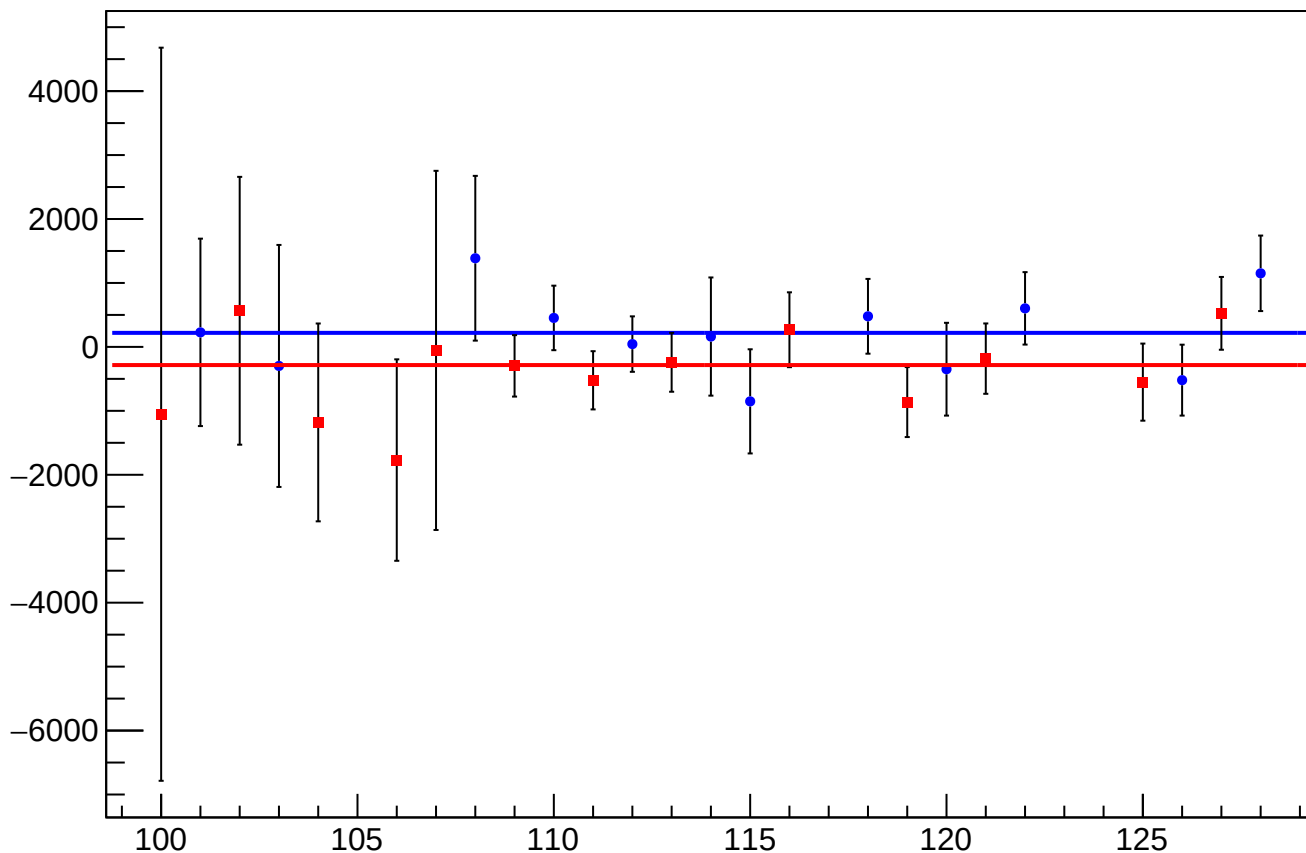
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1123.995+/-0.255 χ^2/NDF : 787479.5/24

- 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: 219.562 $\pm$ 191.263 χ^2 /NDF: 8.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -284.164 $\pm$ 181.132 χ^2 /NDF: 6.0/12

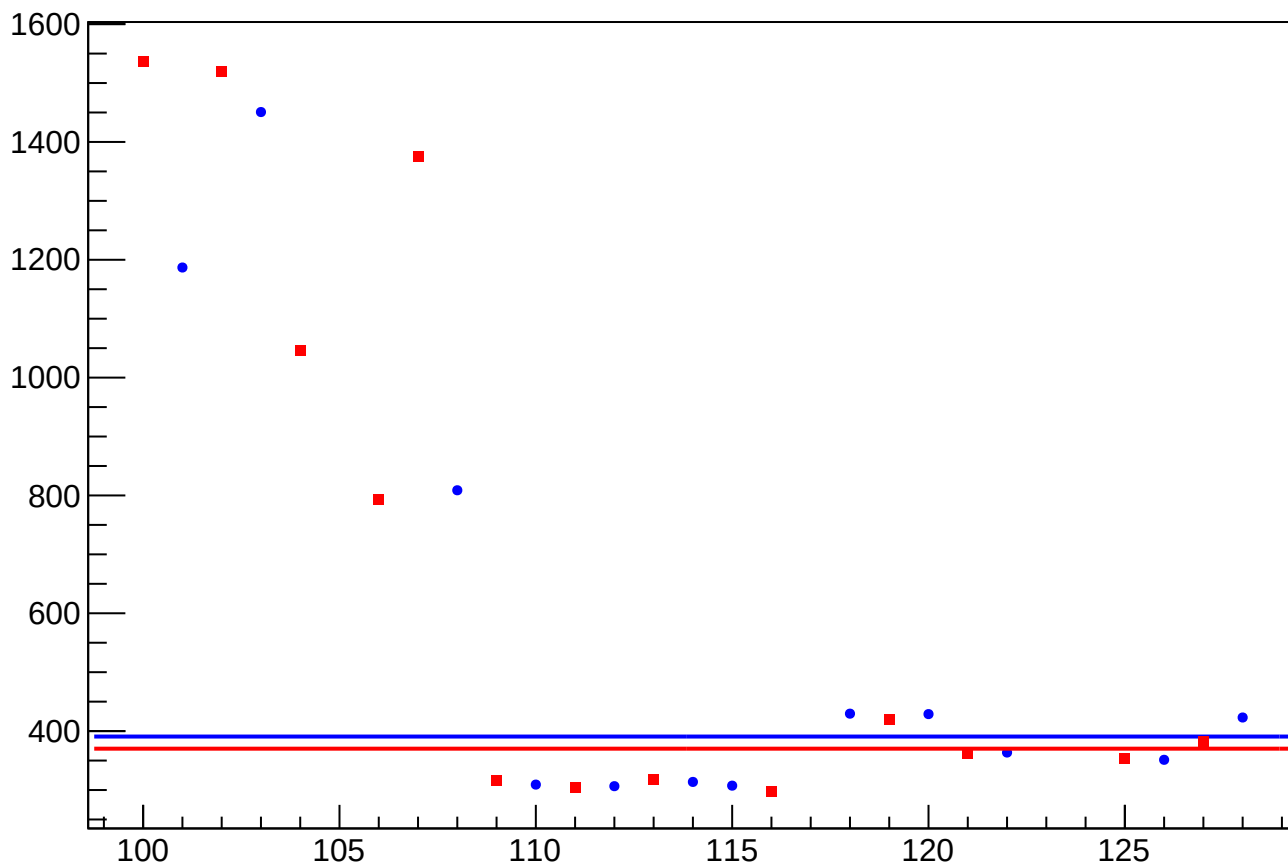
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -45.995 $\pm$ 131.516 χ^2 /NDF: 18.2/24

- 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: 390.772+/-0.135 χ^2/NDF : 1626033.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

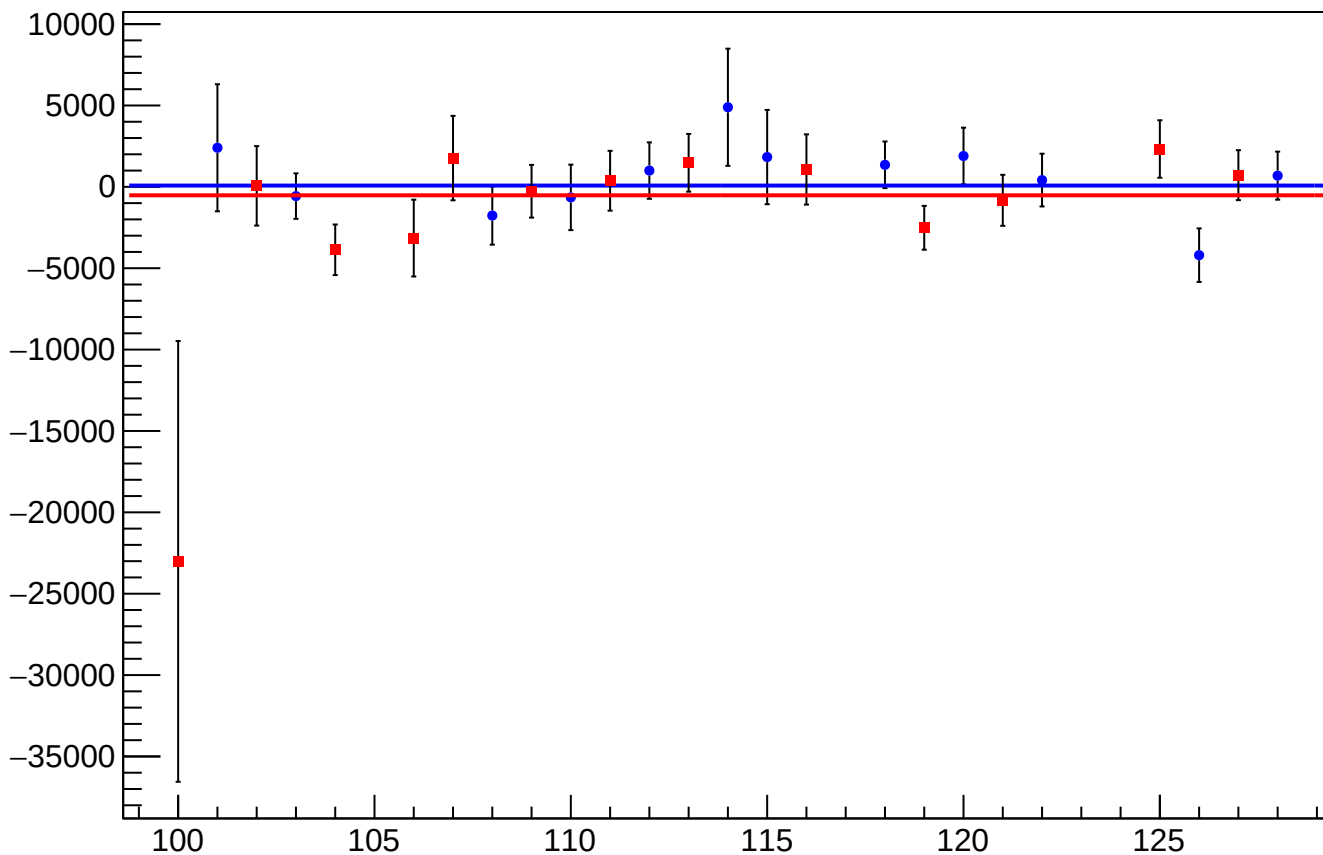
Right Out: 370.174+/-0.128 χ^2/NDF : 1611917.9/12

All: 379.913+/-0.093 χ^2/NDF : 3250180.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 79.163+/-520.396 χ^2/NDF : 13.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -518.515+/-511.172 χ^2/NDF : 17.0/12

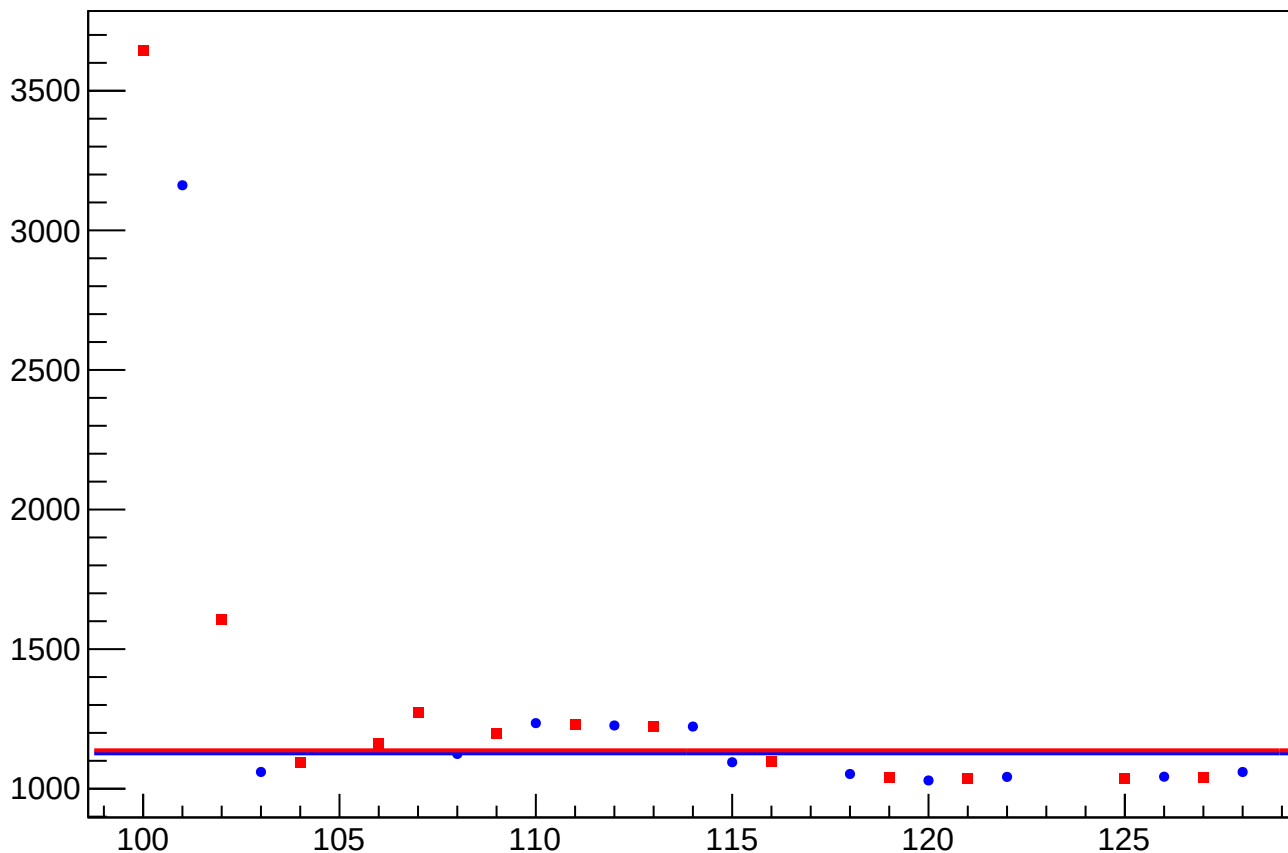
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -225.020+/-364.670 χ^2/NDF : 30.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1126.876+/-0.368 χ^2/NDF : 588134.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1137.455+/-0.361 χ^2/NDF : 195774.2/12

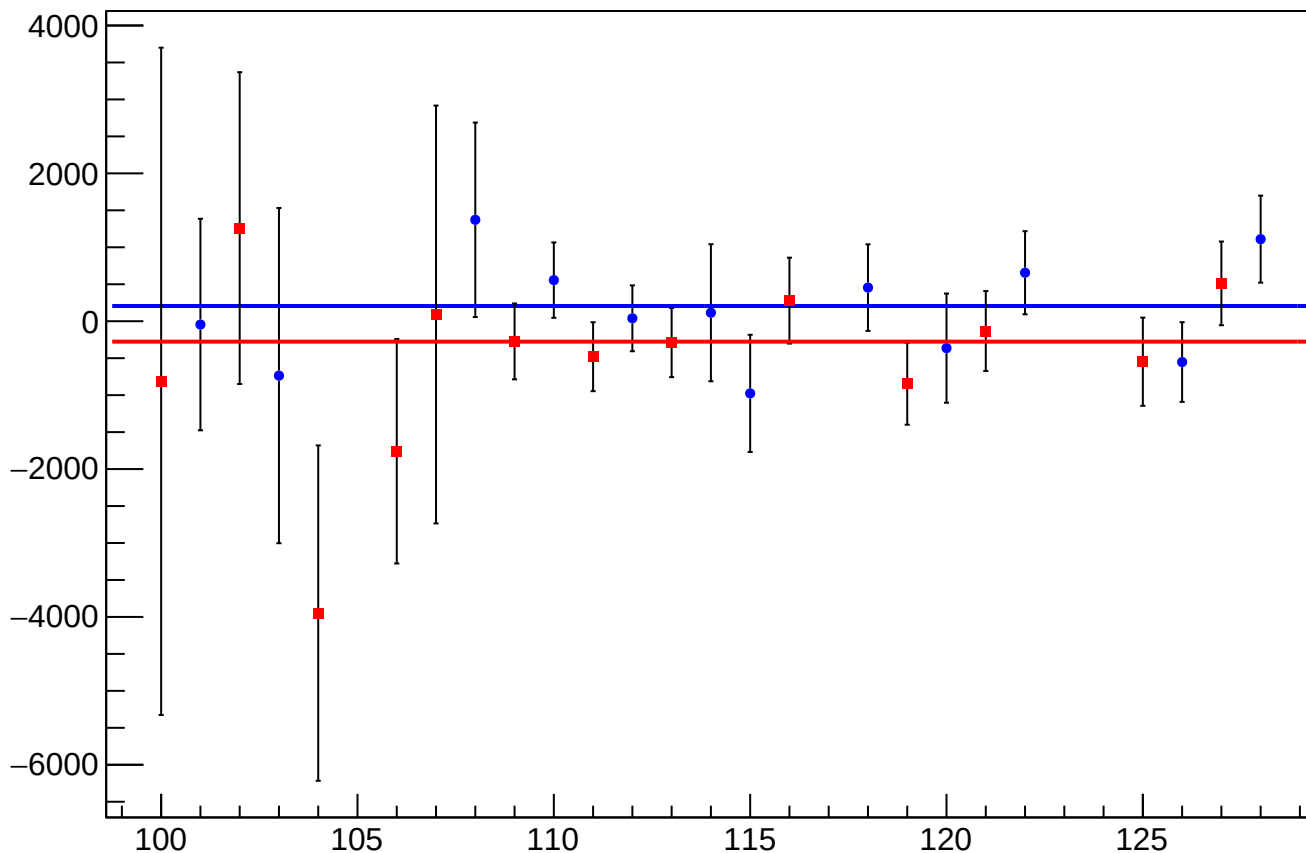
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1132.260+/-0.258 χ^2/NDF : 784329.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_dit_correction_mean vs Slug



Right In: 205.833 $\pm$ 191.948 χ^2 /NDF: 9.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -276.150 $\pm$ 183.914 χ^2 /NDF: 8.5/12

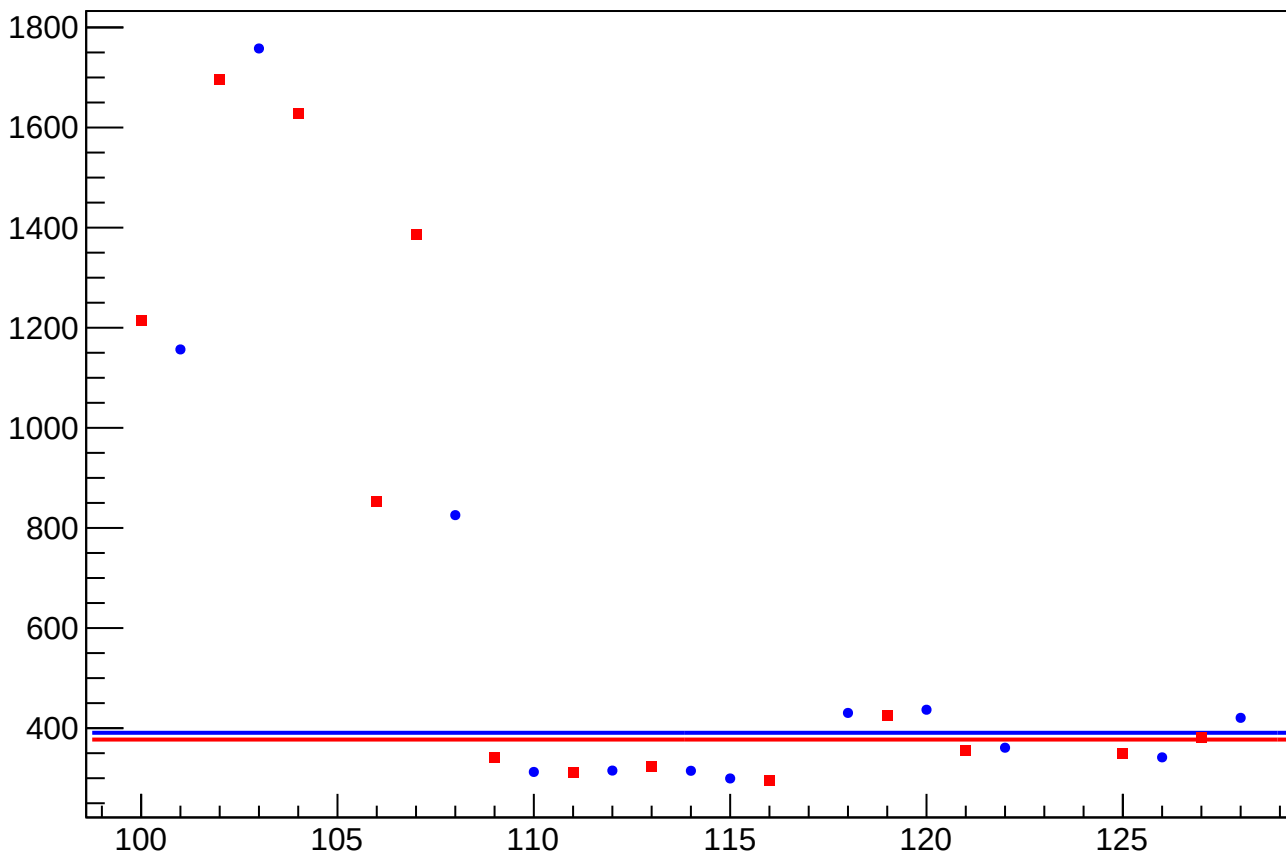
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -45.457 $\pm$ 132.796 χ^2 /NDF: 21.4/24

- 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: 390.761+/-0.136 χ^2/NDF : 1707923.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 377.220+/-0.130 χ^2/NDF : 2047223.2/12

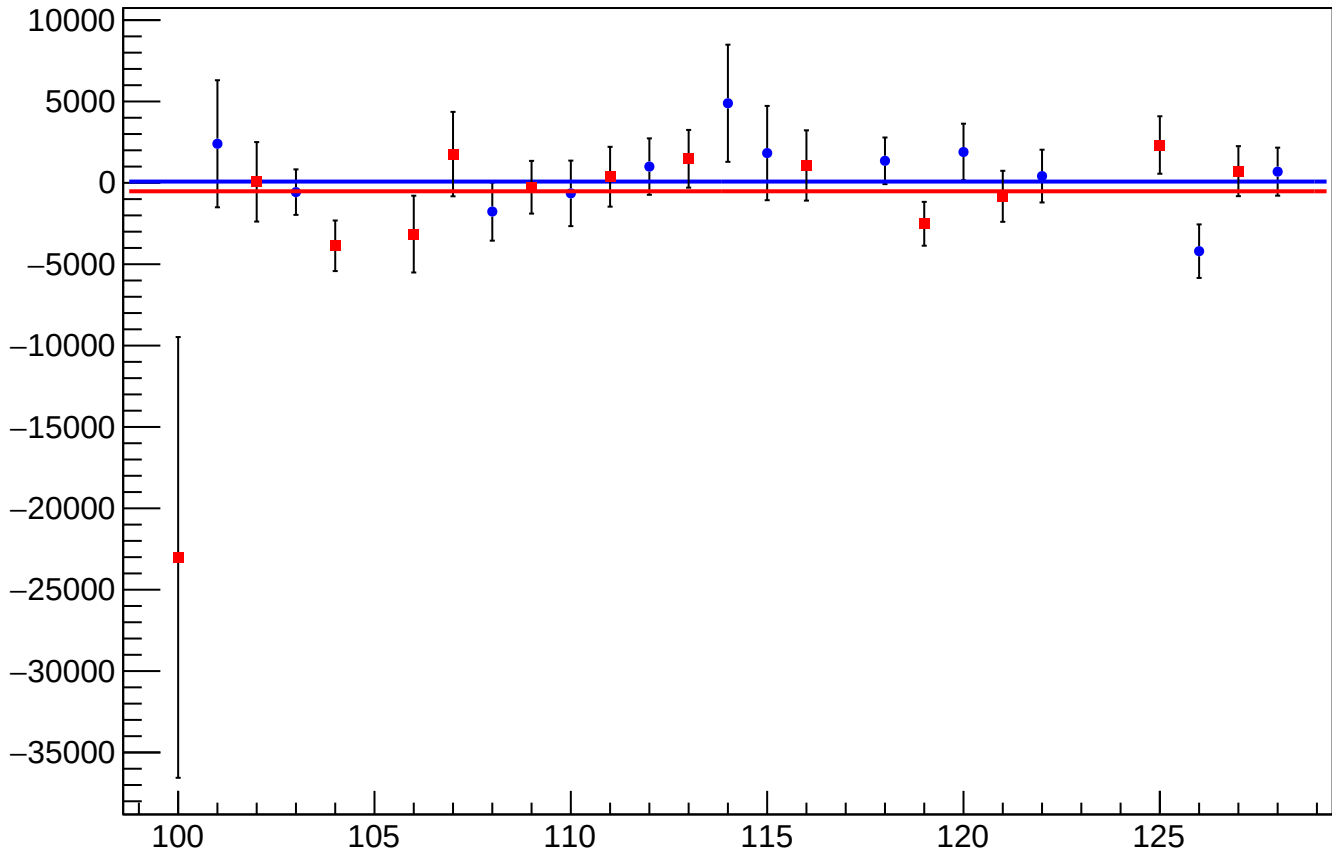
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 383.701+/-0.094 χ^2/NDF : 3760335.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 79.161+/-520.396 χ^2/NDF : 13.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -518.514+/-511.172 χ^2/NDF : 17.0/12

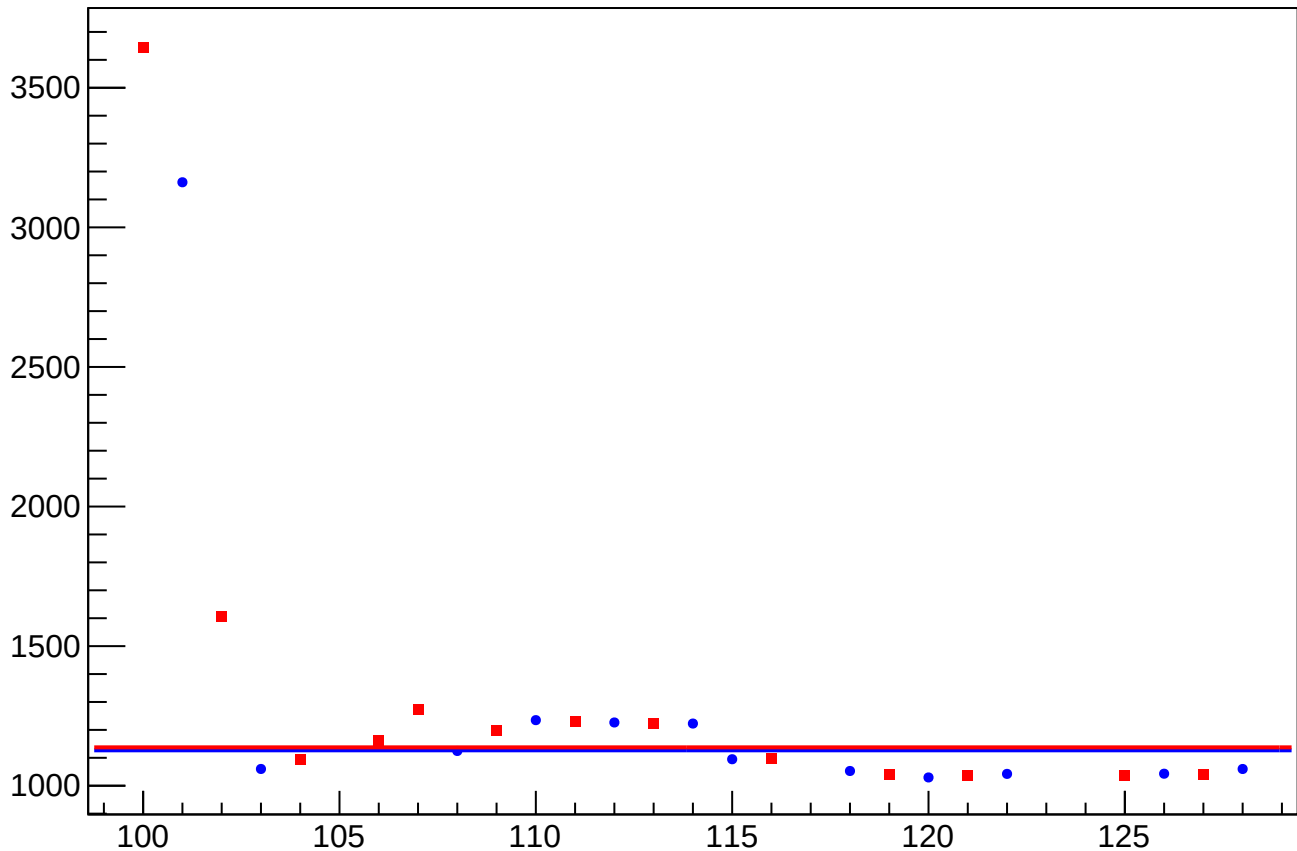
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -225.020+/-364.671 χ^2/NDF : 30.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1126.876 $\pm$ 0.368 χ^2 /NDF: 588134.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1137.455 $\pm$ 0.361 χ^2 /NDF: 195774.3/12

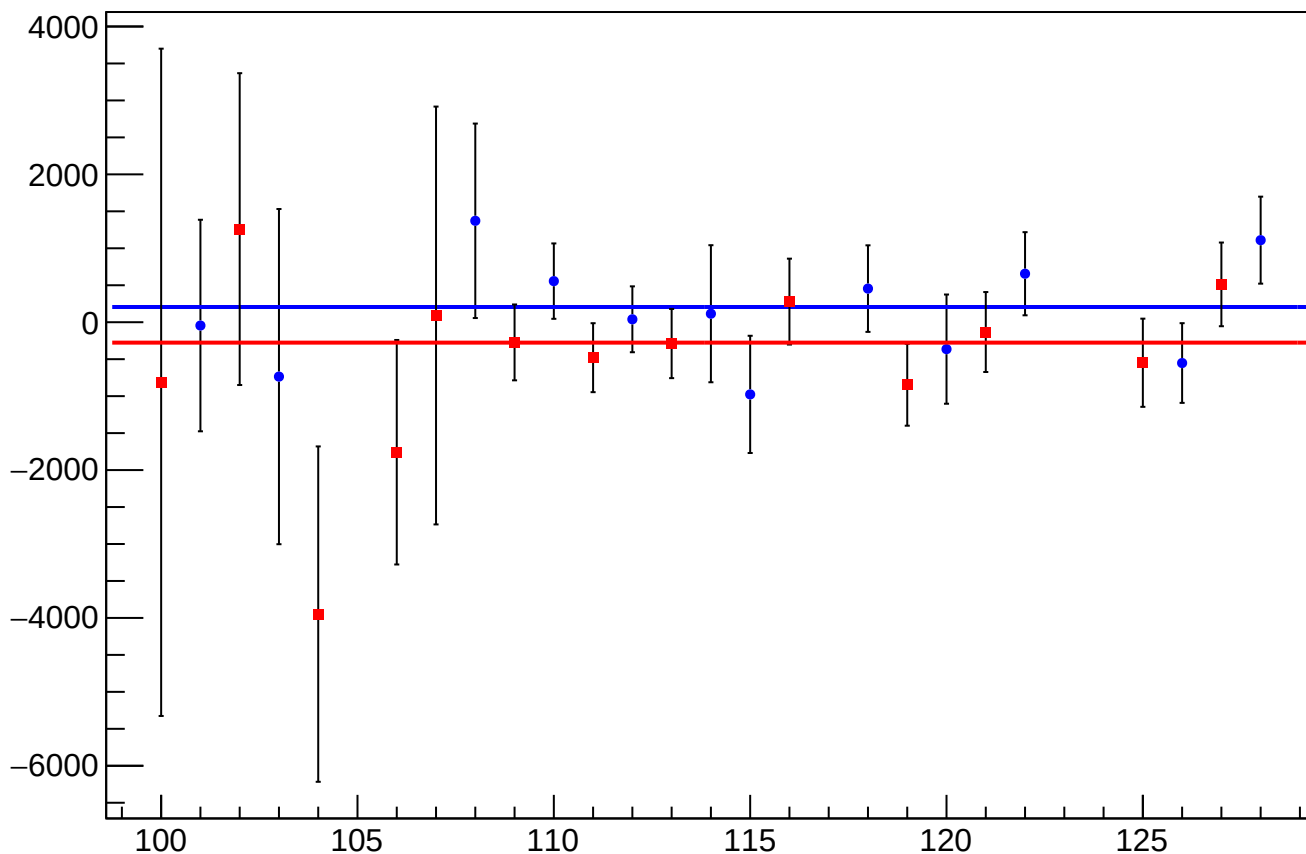
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1132.260 $\pm$ 0.258 χ^2 /NDF: 784329.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_correction_mean vs Slug



Right In: 205.828 $\pm$ 191.948 χ^2 /NDF: 9.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -276.149 $\pm$ 183.913 χ^2 /NDF: 8.5/12

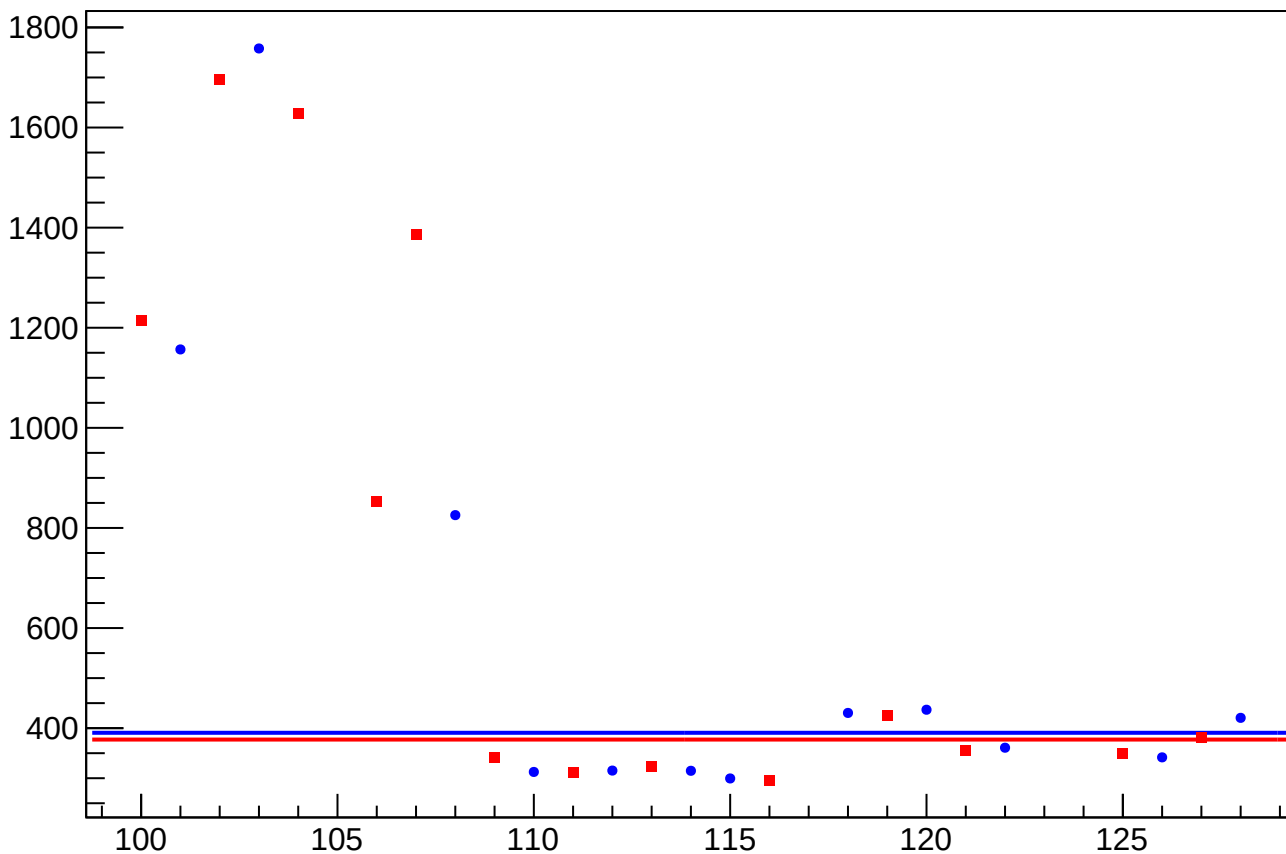
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -45.459 $\pm$ 132.796 χ^2 /NDF: 21.4/24

- 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: 390.759+/-0.136 χ^2/NDF : 1707924.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

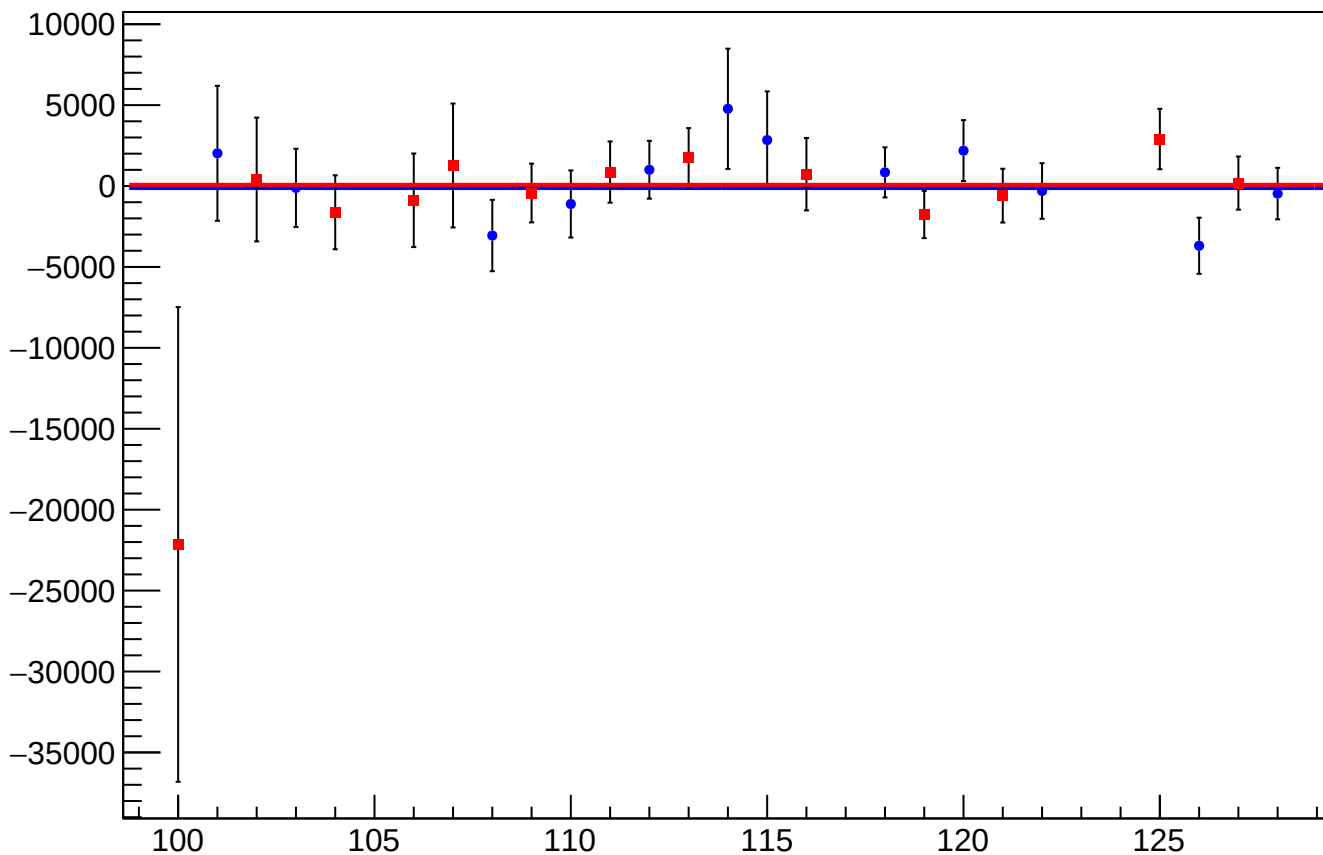
Right Out: 377.217+/-0.130 χ^2/NDF : 2047234.8/12

All: 383.698+/-0.094 χ^2/NDF : 3760349.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: -123.541+/-584.481 χ^2 /NDF: 11.5/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 76.439+/-575.238 χ^2 /NDF: 8.3/12

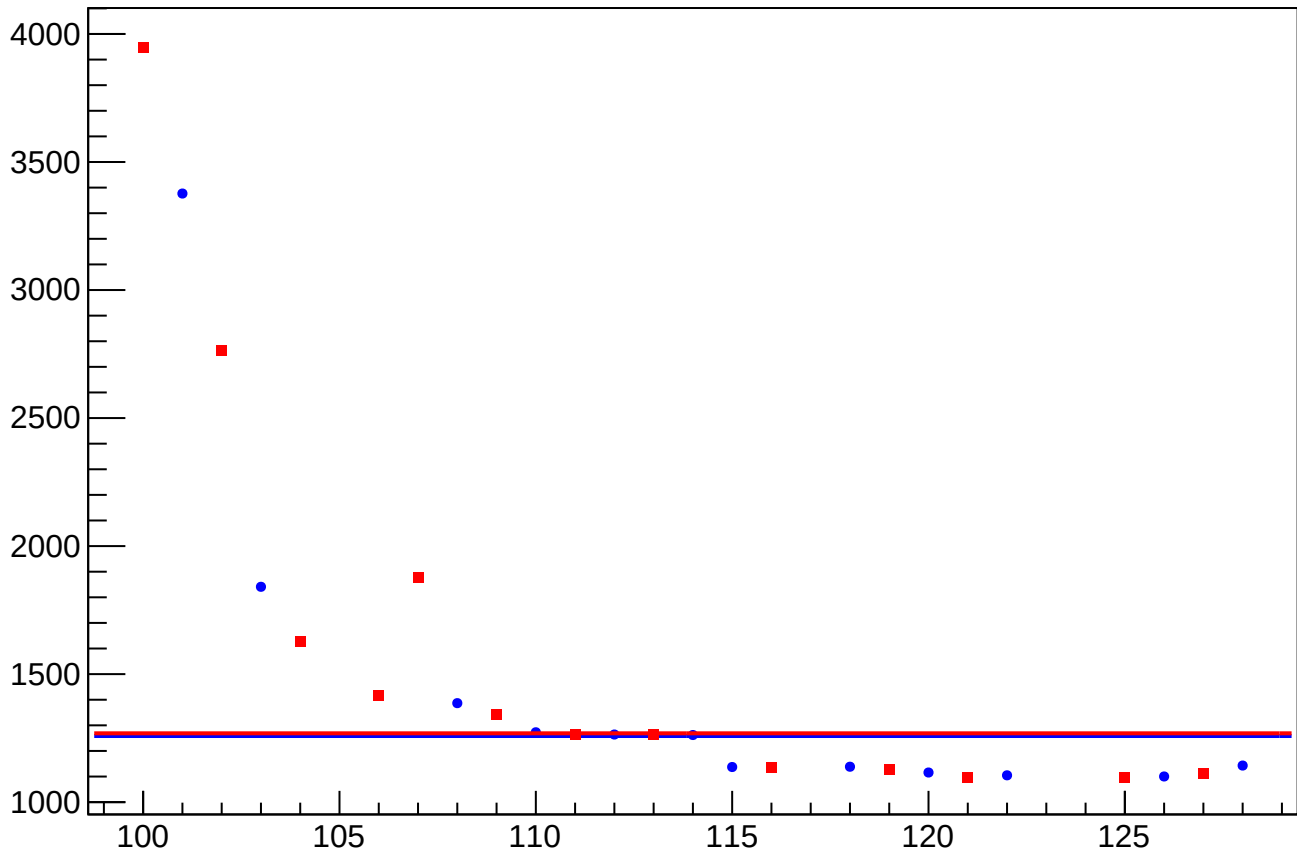
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -21.957+/-409.984 χ^2 /NDF: 19.9/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1258.322+/-0.413 χ^2/NDF : 709505.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1268.836+/-0.407 χ^2/NDF : 563208.0/12

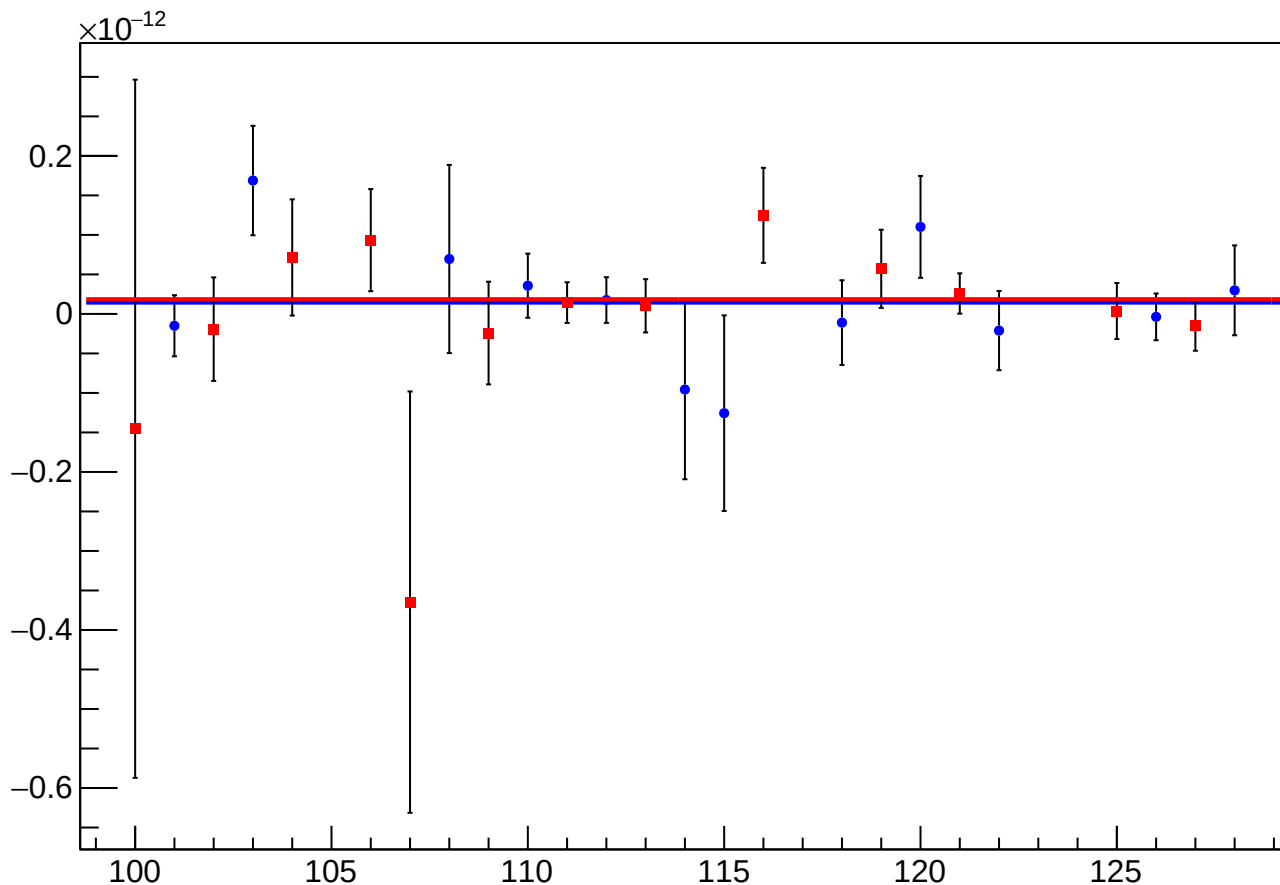
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1263.663+/-0.290 χ^2/NDF : 1273042.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 11.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.0/12

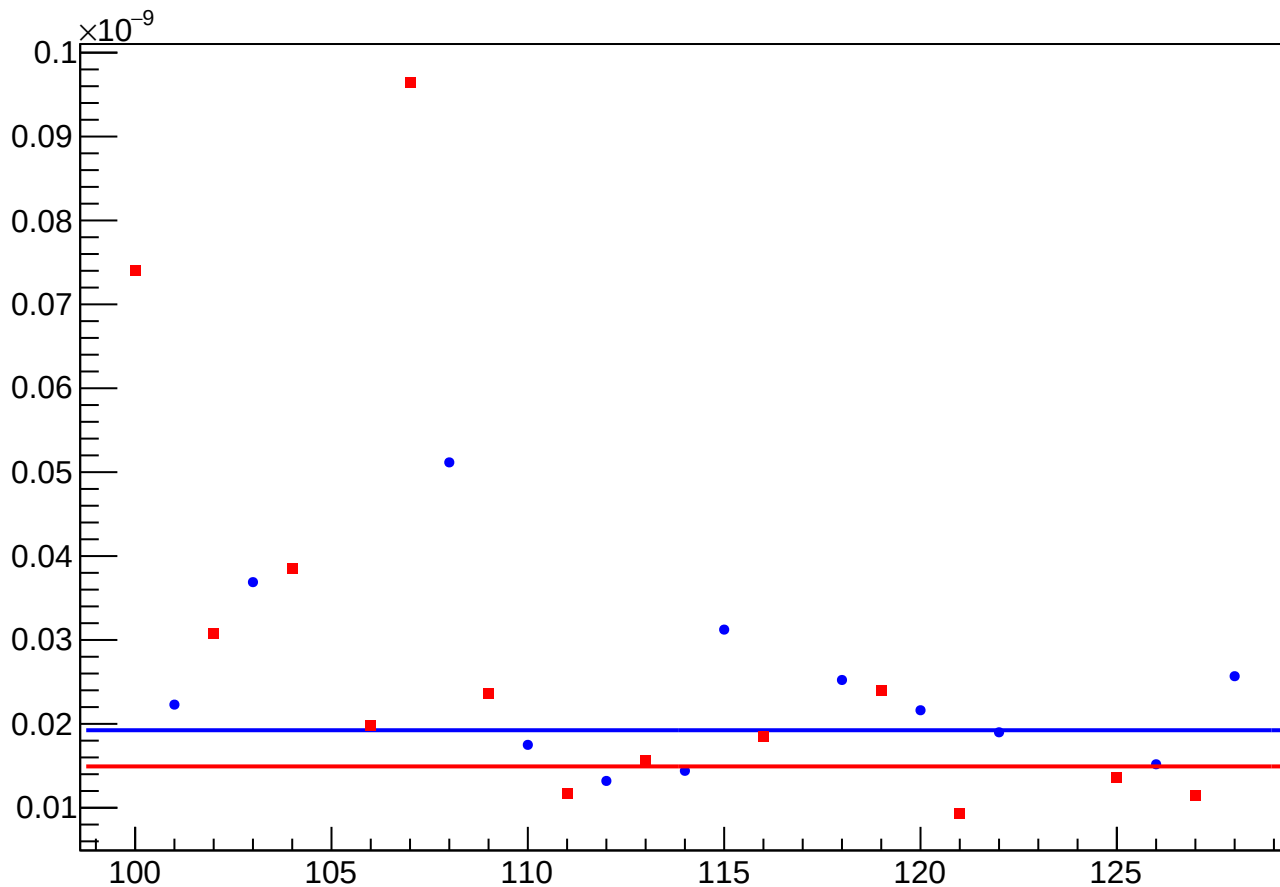
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.7/24

- sign 0.000+/-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+/-0.000 χ^2/NDF : 490690.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 825186.7/12

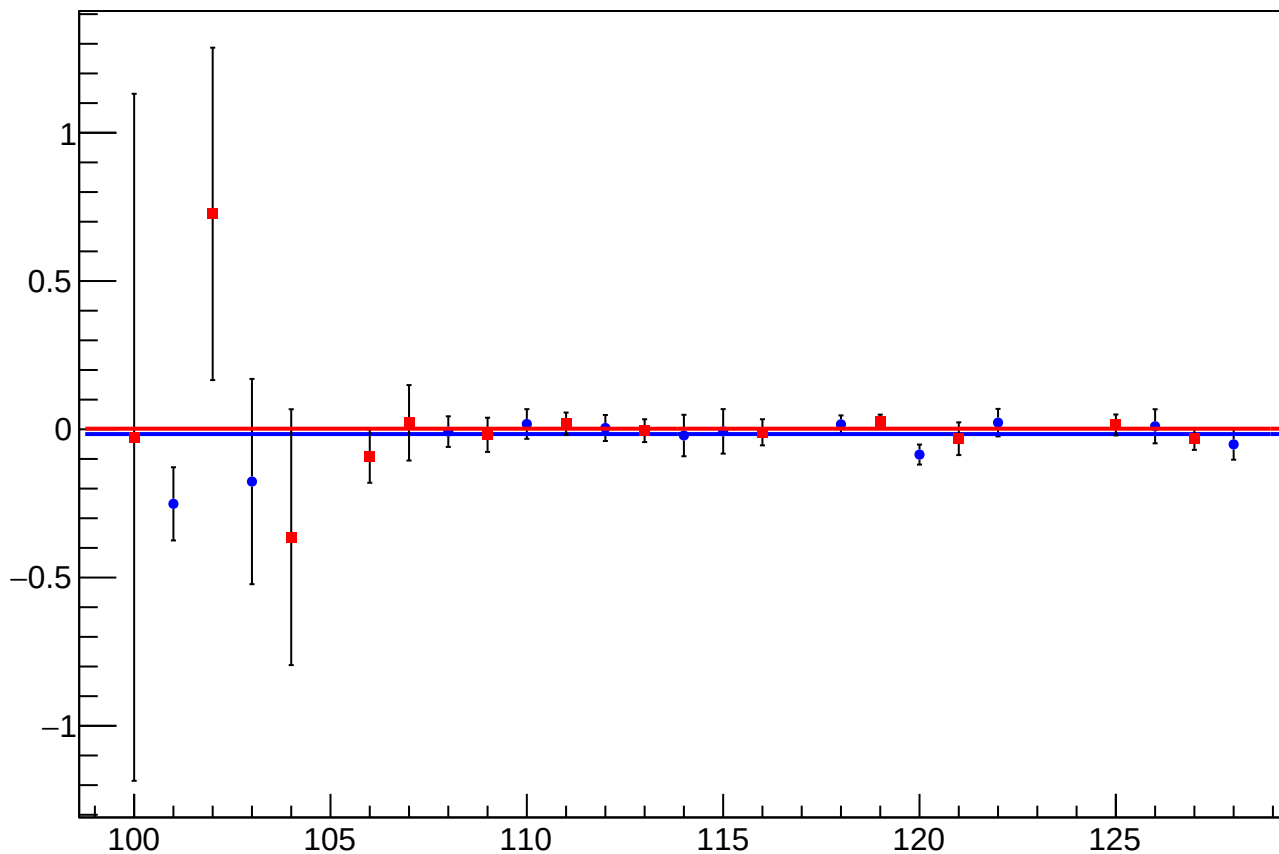
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1430562.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.016 $\pm$ 0.014 χ^2 /NDF: 11.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.002 $\pm$ 0.013 χ^2 /NDF: 6.3/12

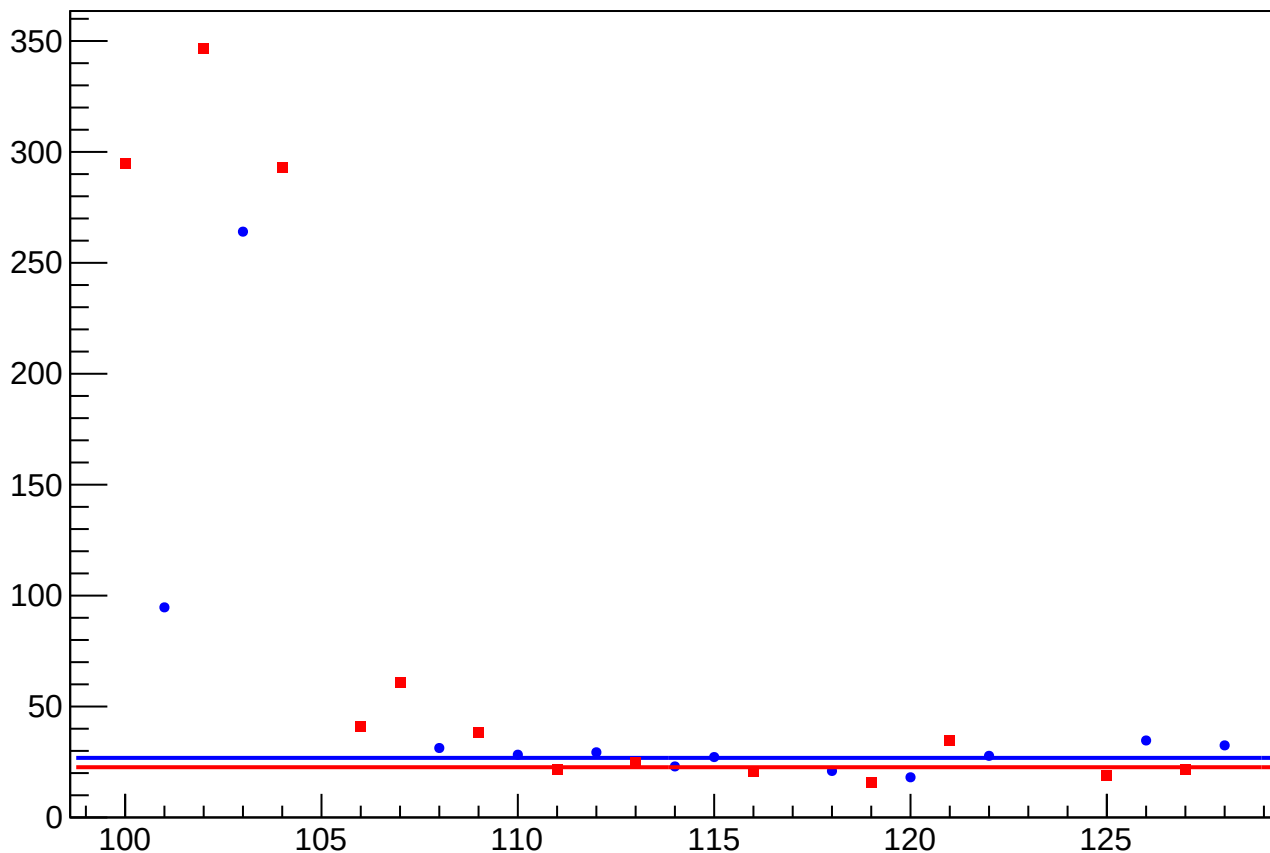
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.006 $\pm$ 0.010 χ^2 /NDF: 18.5/24

- 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: 26.854+/-0.010 χ^2/NDF : 1845961.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.644+/-0.009 χ^2/NDF : 2284793.6/12

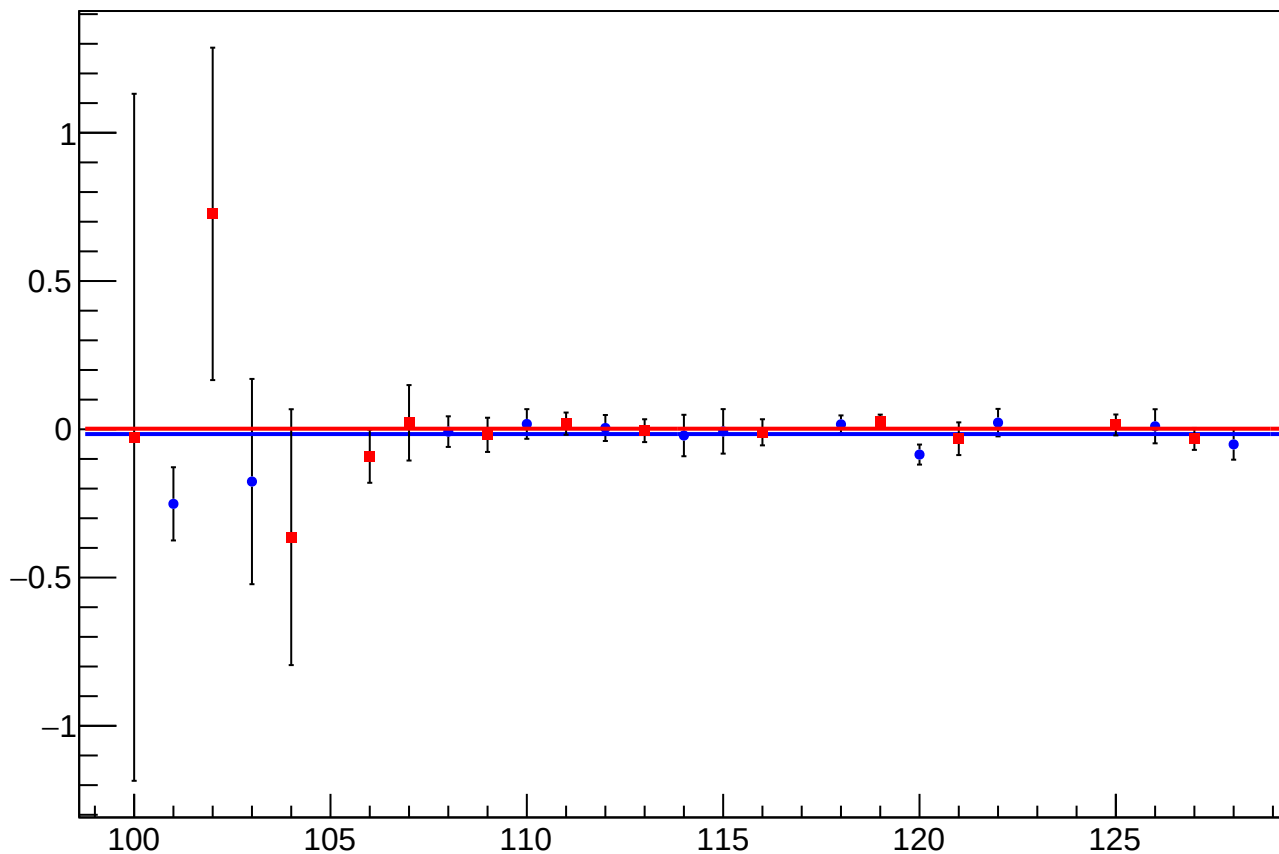
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.531+/-0.007 χ^2/NDF : 4226196.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.016 ± 0.014 χ^2/NDF : 11.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.002 ± 0.013 χ^2/NDF : 6.3/12

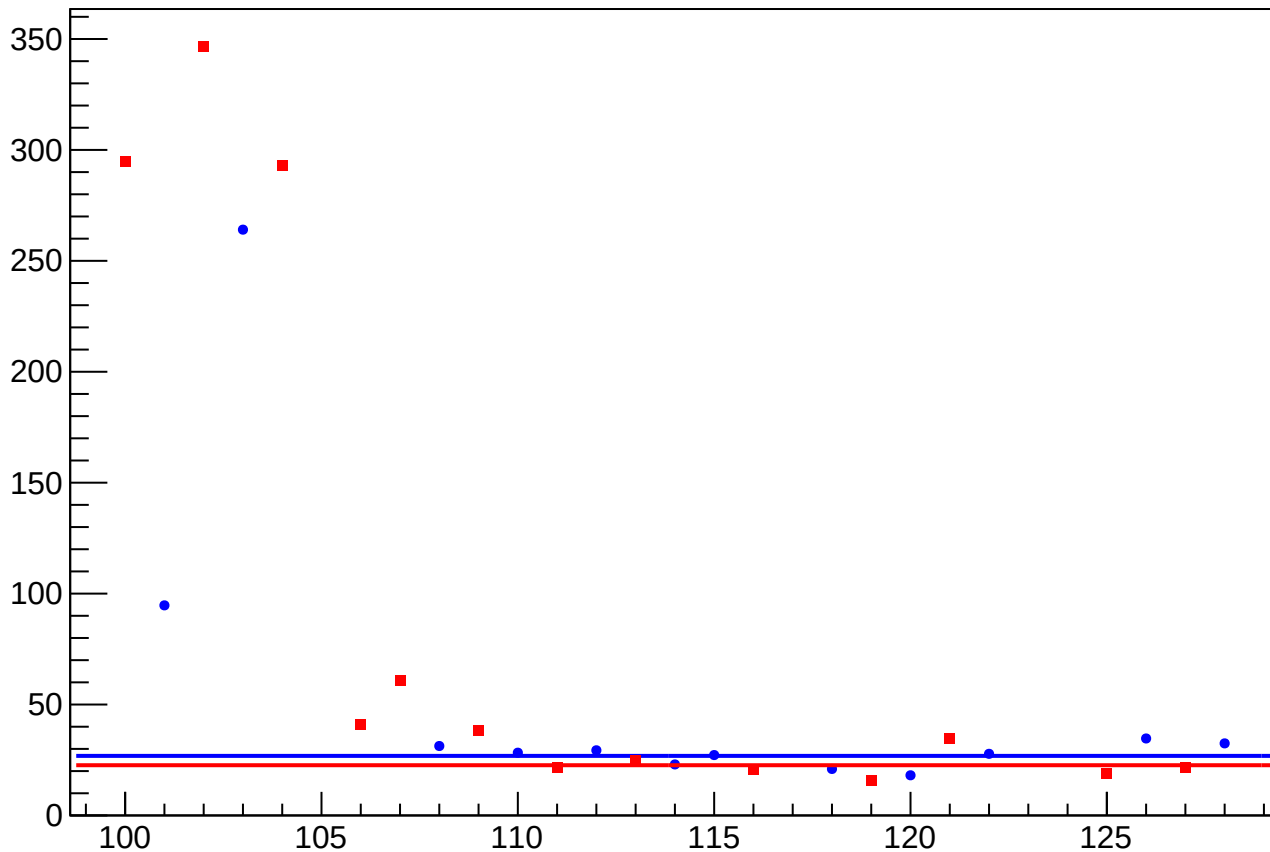
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.006 ± 0.010 χ^2/NDF : 18.5/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 26.854 $\pm$ 0.010 χ^2 /NDF: 1845961.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.644 $\pm$ 0.009 χ^2 /NDF: 2284793.6/12

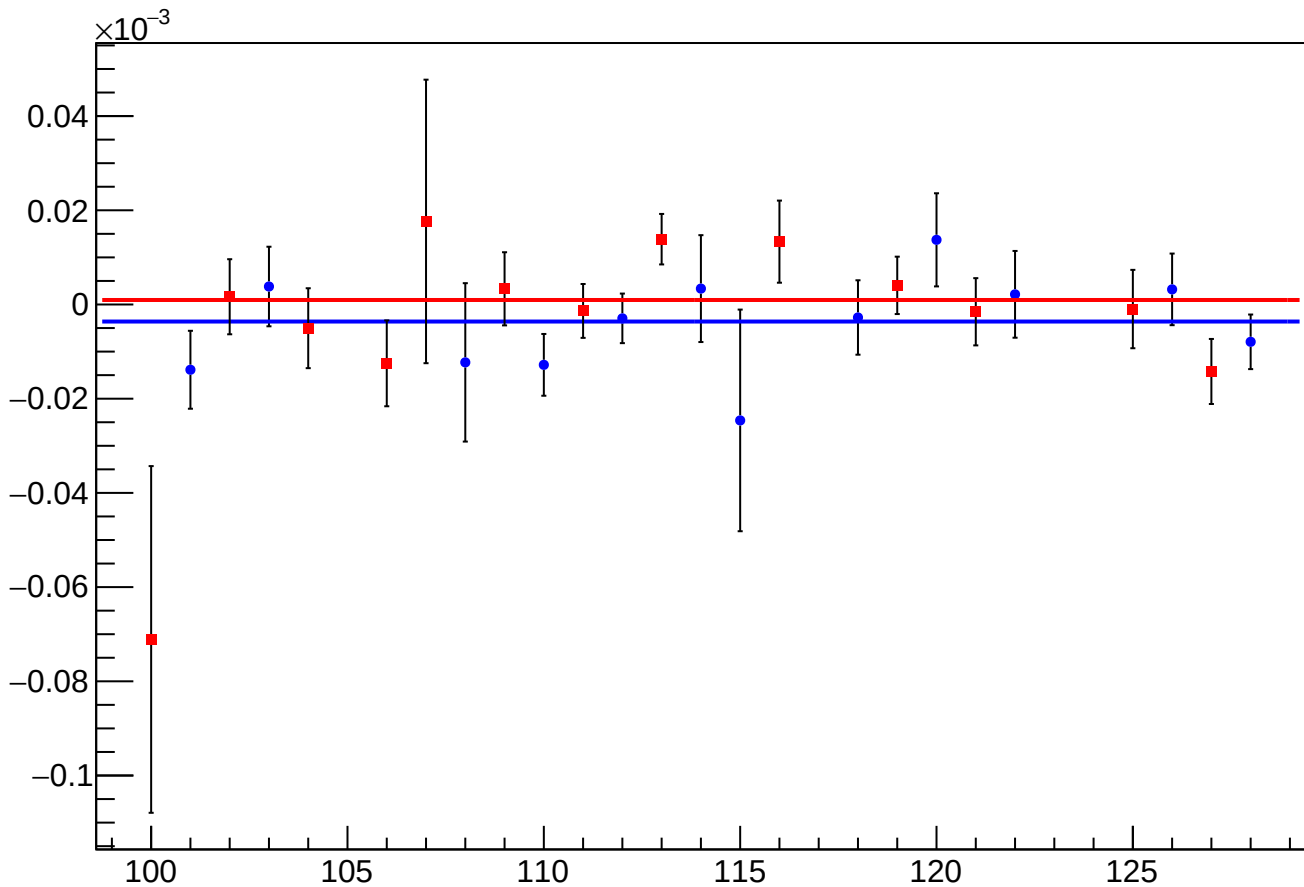
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.531 $\pm$ 0.007 χ^2 /NDF: 4226196.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 10.6/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 20.2/12

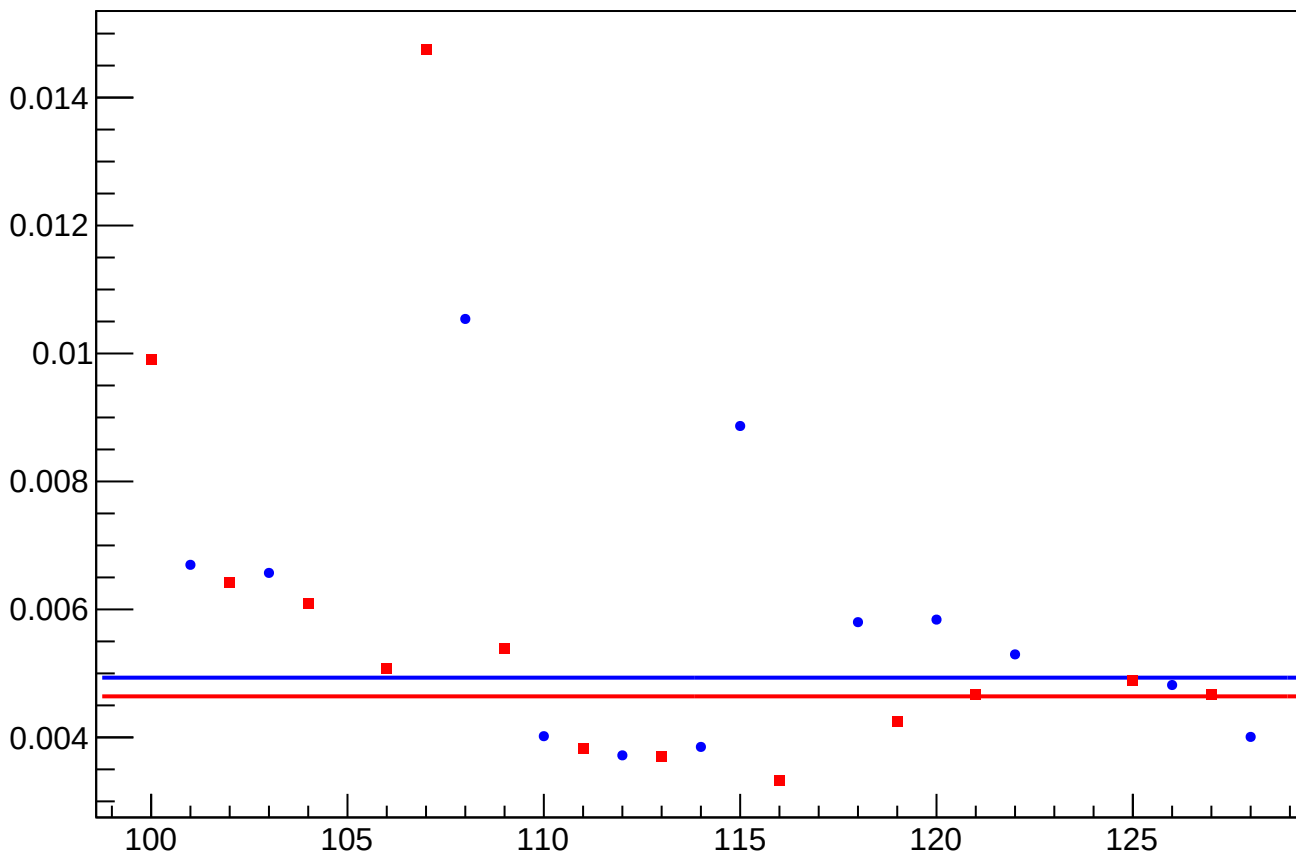
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 32.9/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 703554.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 607166.1/12

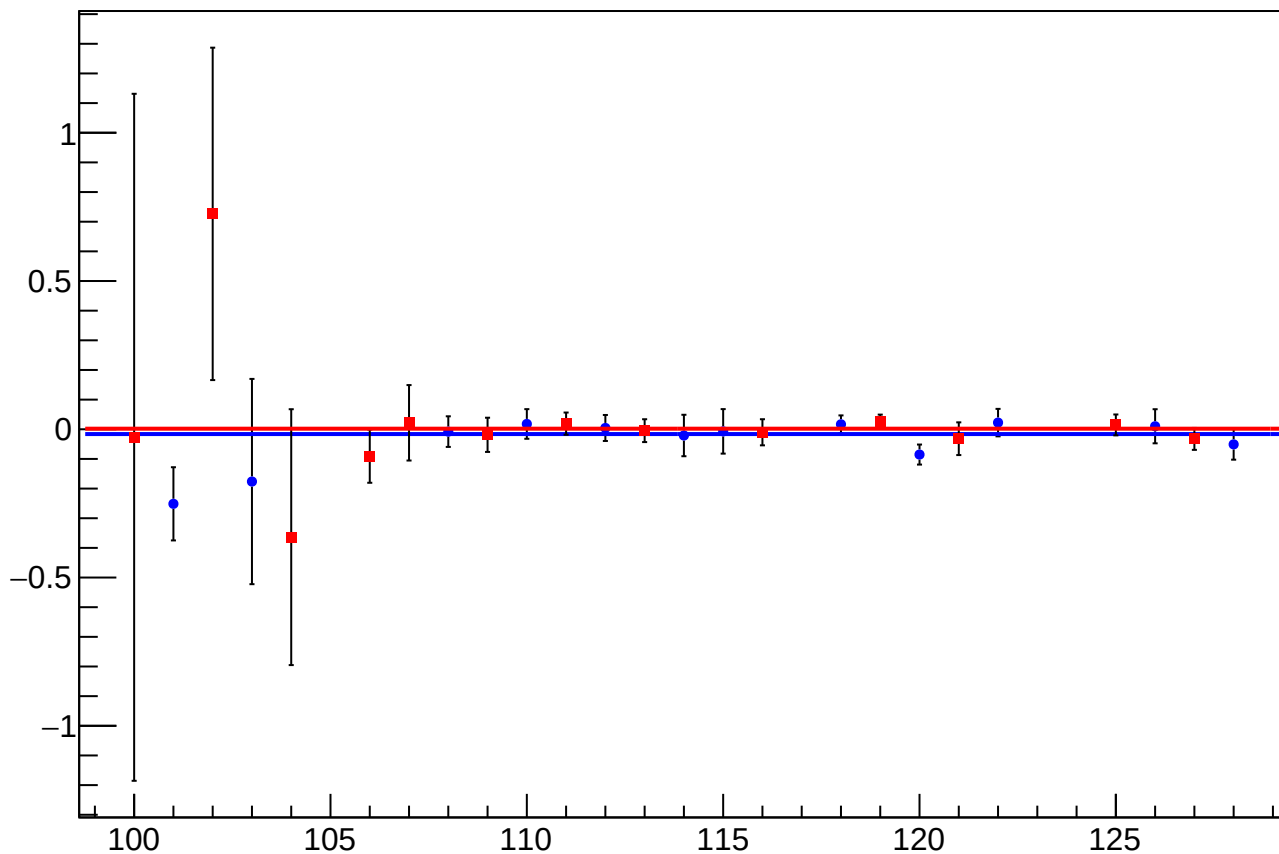
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1327990.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.016 ± 0.014 χ^2/NDF : 11.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.002 ± 0.013 χ^2/NDF : 6.3/12

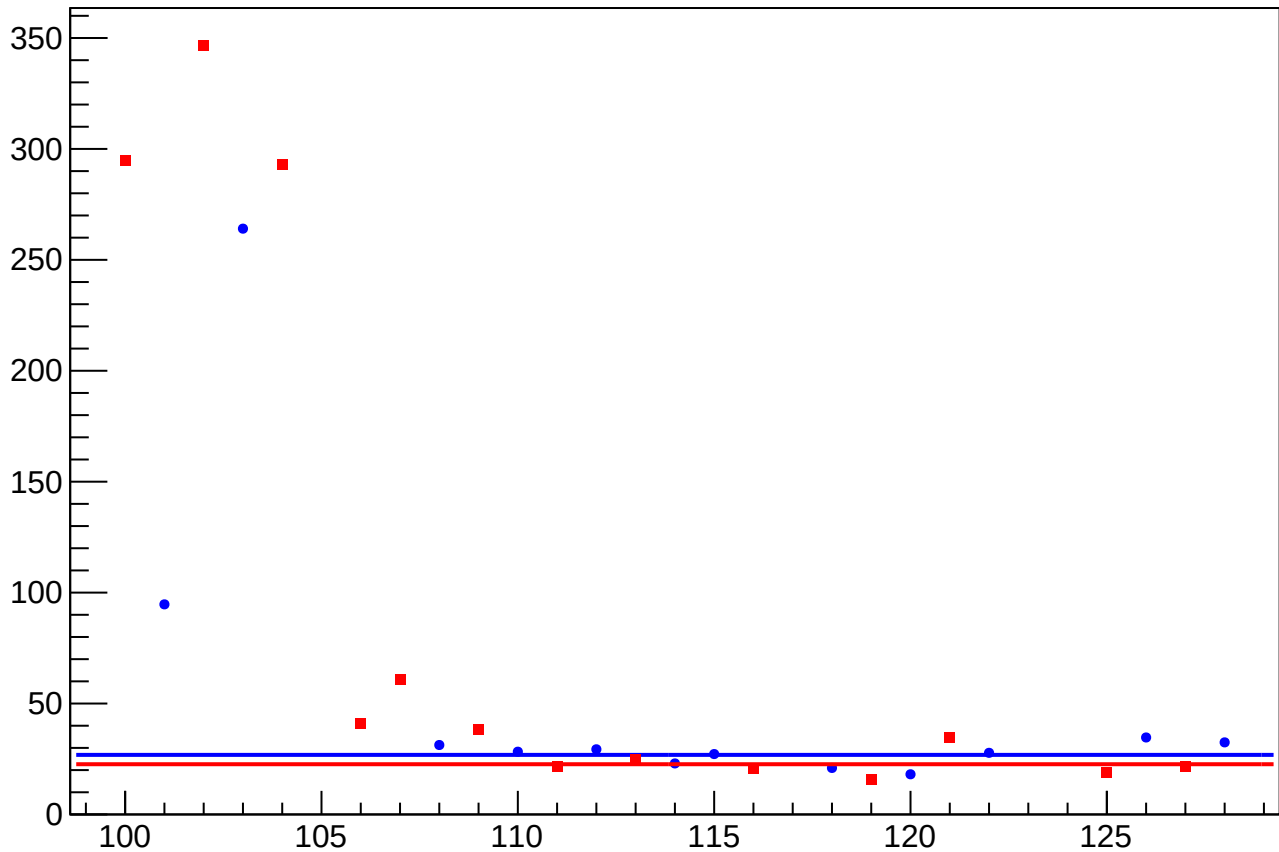
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.006 ± 0.010 χ^2/NDF : 18.5/24

- 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: 26.854+/-0.010 χ^2/NDF : 1845962.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.642+/-0.009 χ^2/NDF : 2284993.6/12

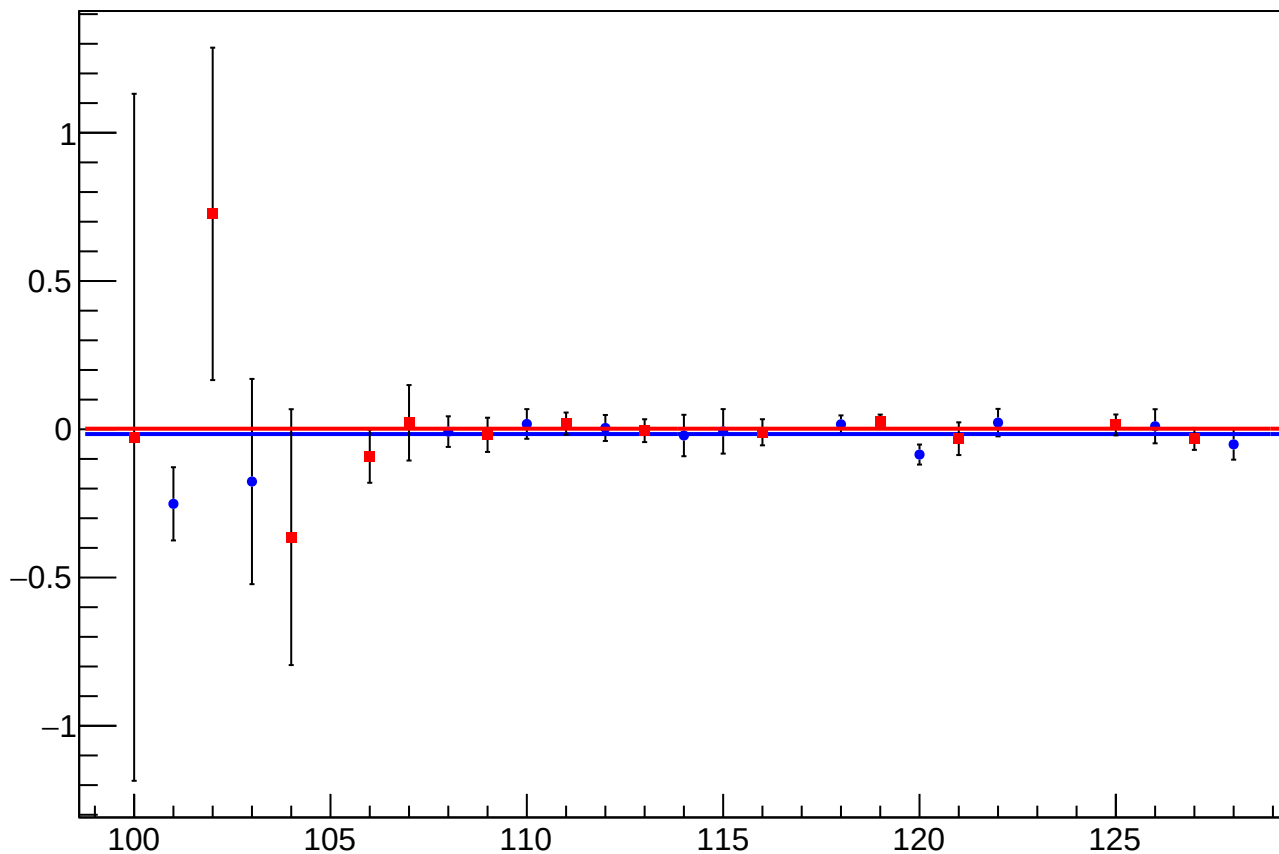
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.530+/-0.007 χ^2/NDF : 4226487.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.016+/-0.014 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.013 χ^2/NDF : 6.3/12

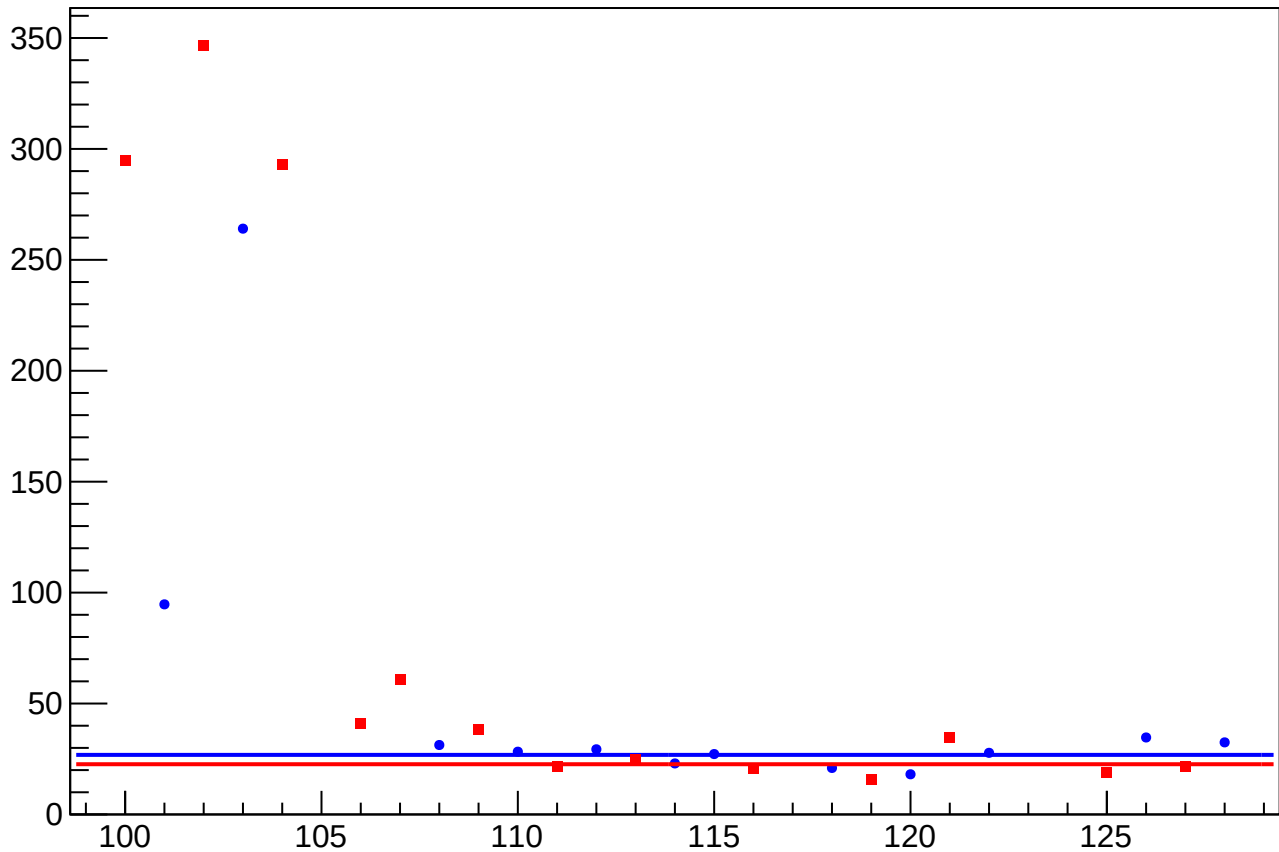
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.010 χ^2/NDF : 18.5/24

- 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: 26.854+/-0.010 χ^2/NDF : 1845962.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.642+/-0.009 χ^2/NDF : 2284993.6/12

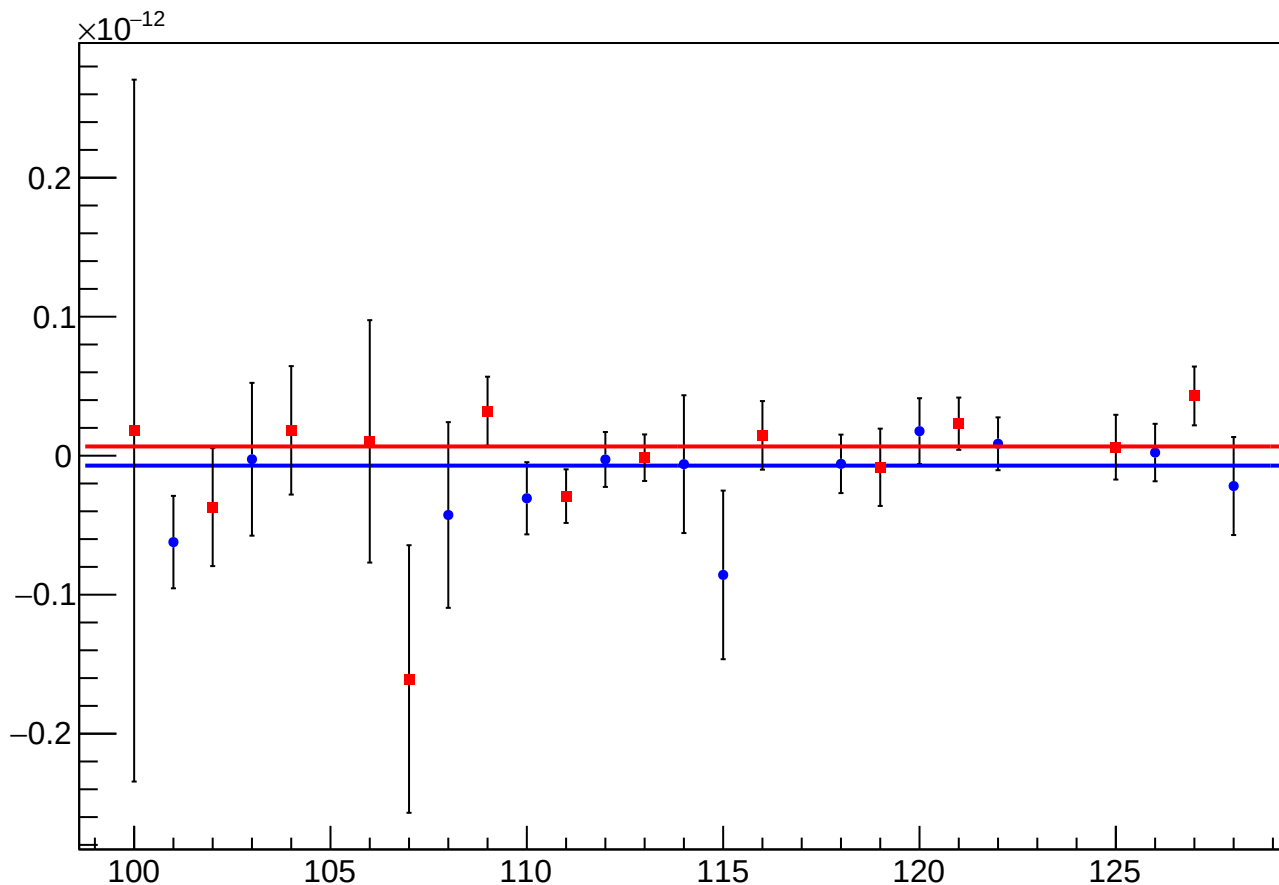
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.530+/-0.007 χ^2/NDF : 4226487.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.0/12

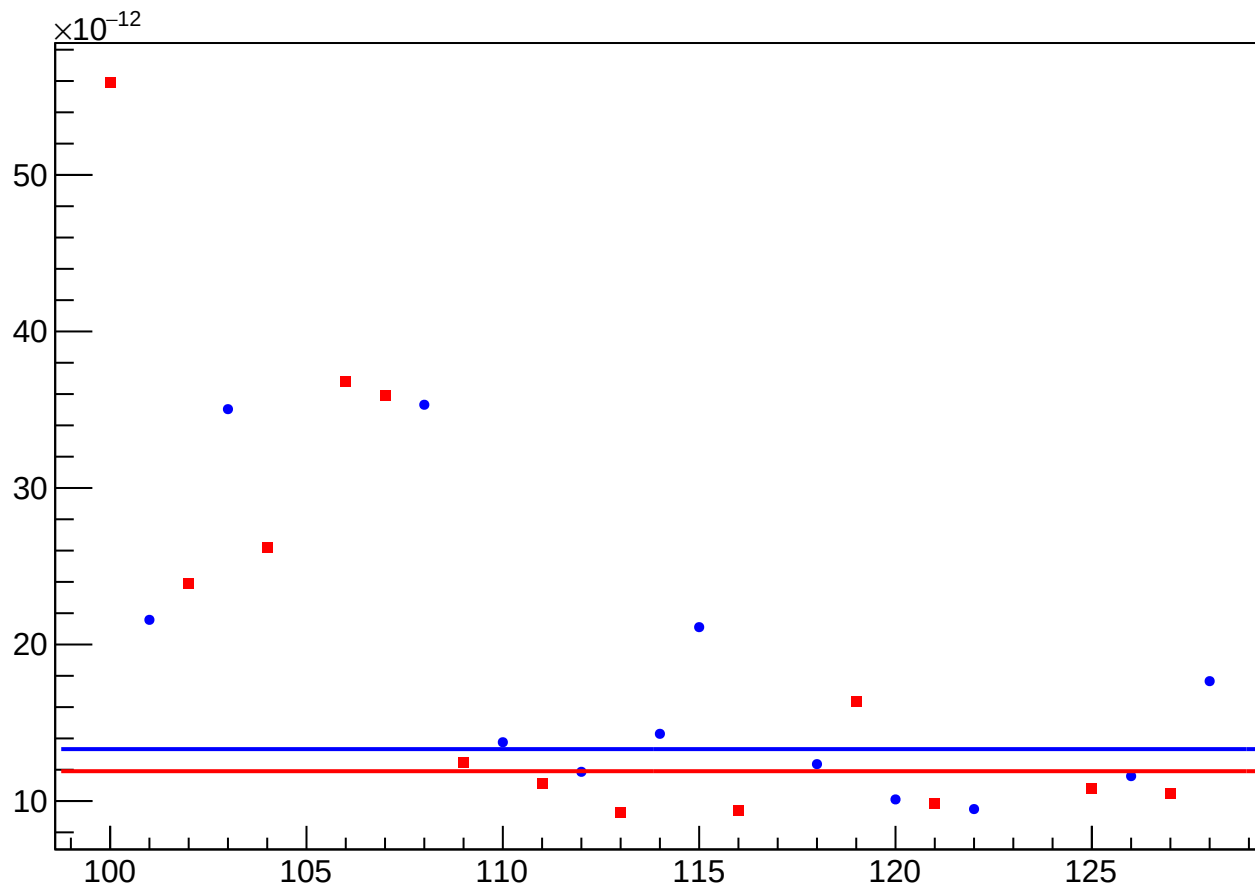
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 864058.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 862485.1/12

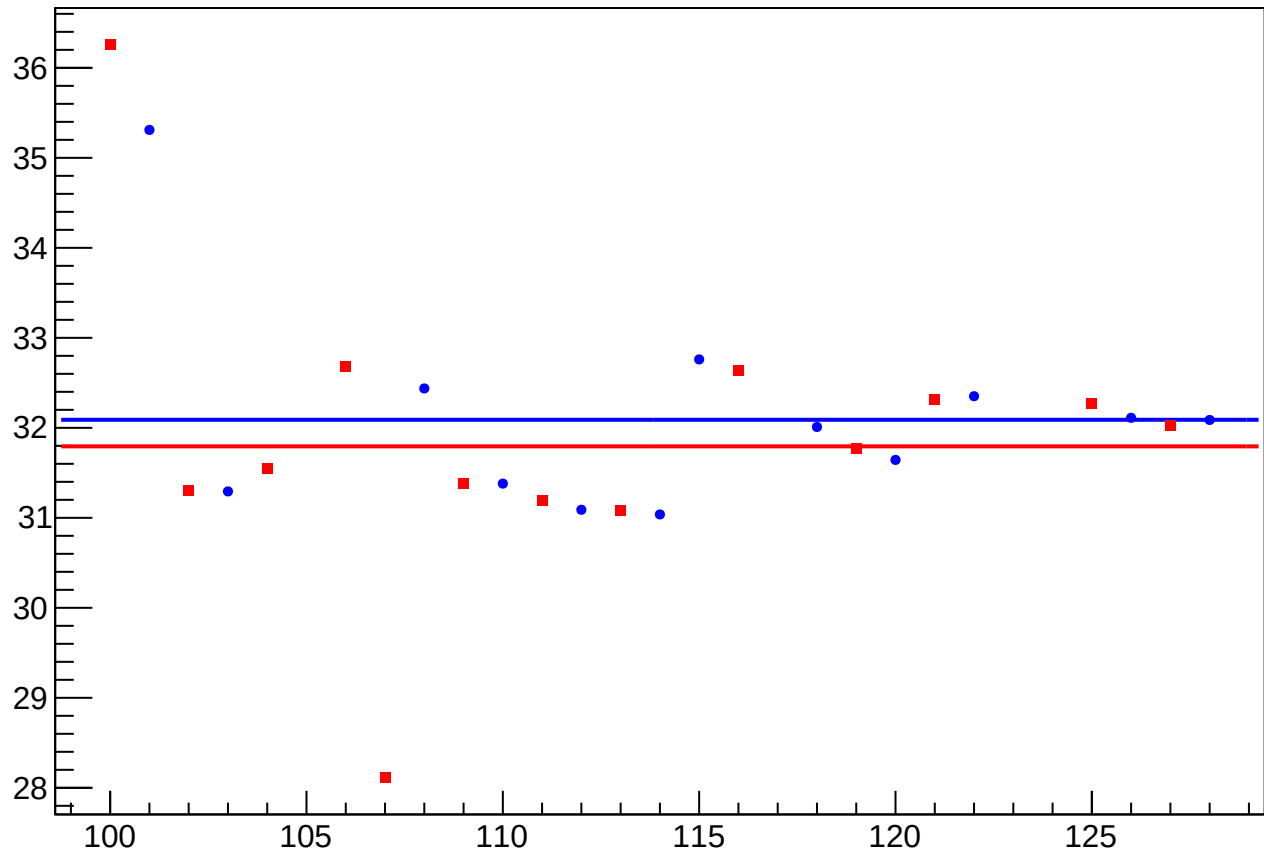
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1761272.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_usl_mean vs Slug



Right In: 32.089+/-0.000 χ^2/NDF : 831408703.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.794+/-0.000 χ^2/NDF : 412434486.5/12

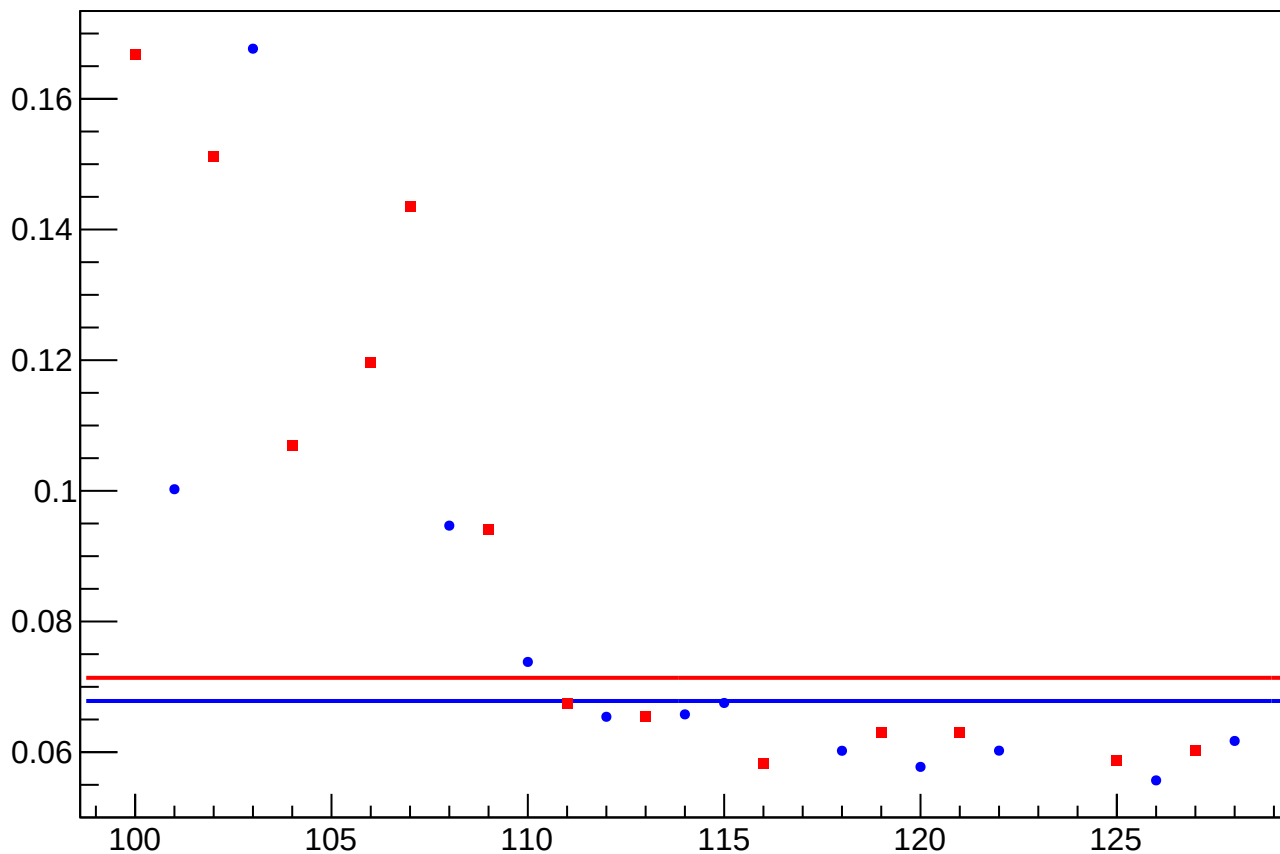
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.946+/-0.000 χ^2/NDF : 1283025195.6/2

- 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: 691836.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.071 $\pm$ 0.000 χ^2 /NDF: 842995.0/12

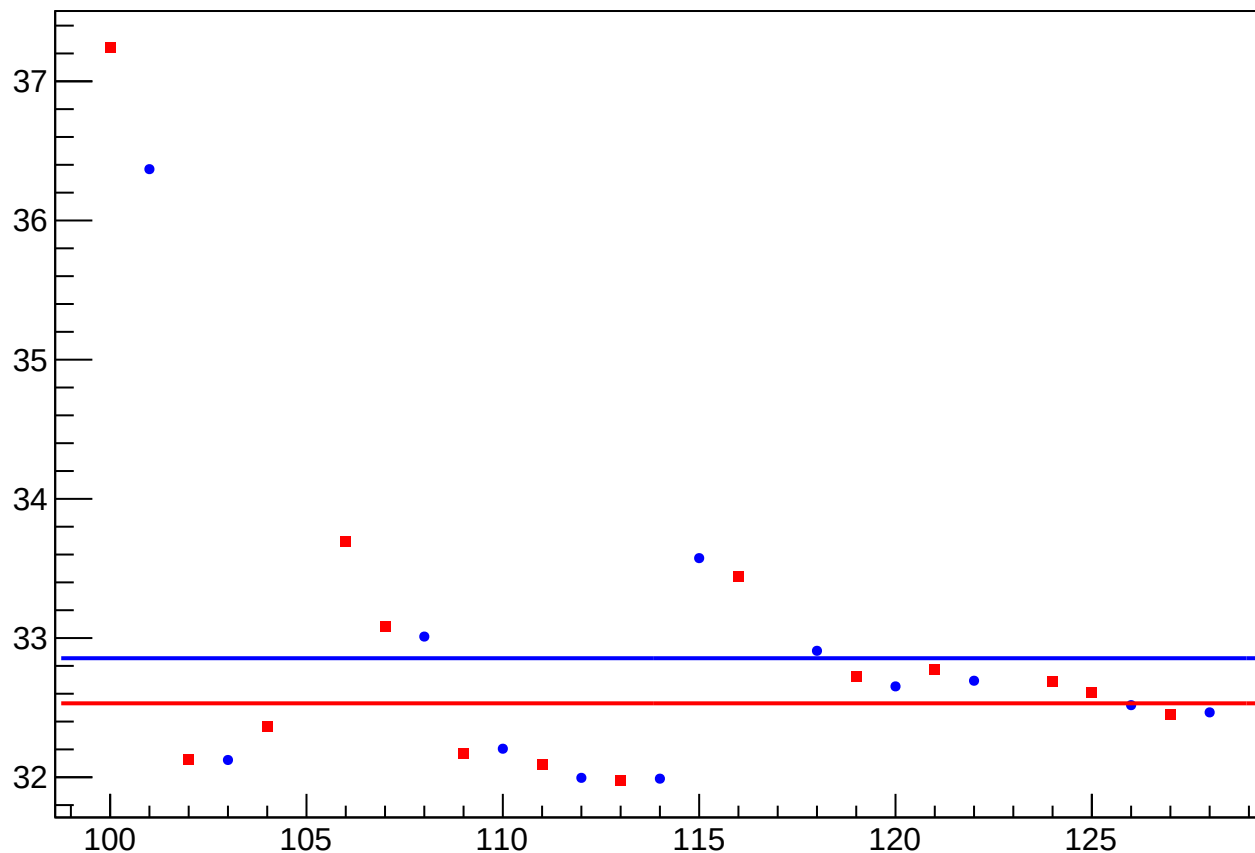
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.070 $\pm$ 0.000 χ^2 /NDF: 1546116.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_usr_mean vs Slug



Right In: 32.855+/-0.000 χ^2/NDF : 654113781.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.531+/-0.000 χ^2/NDF : 139678837.3/13

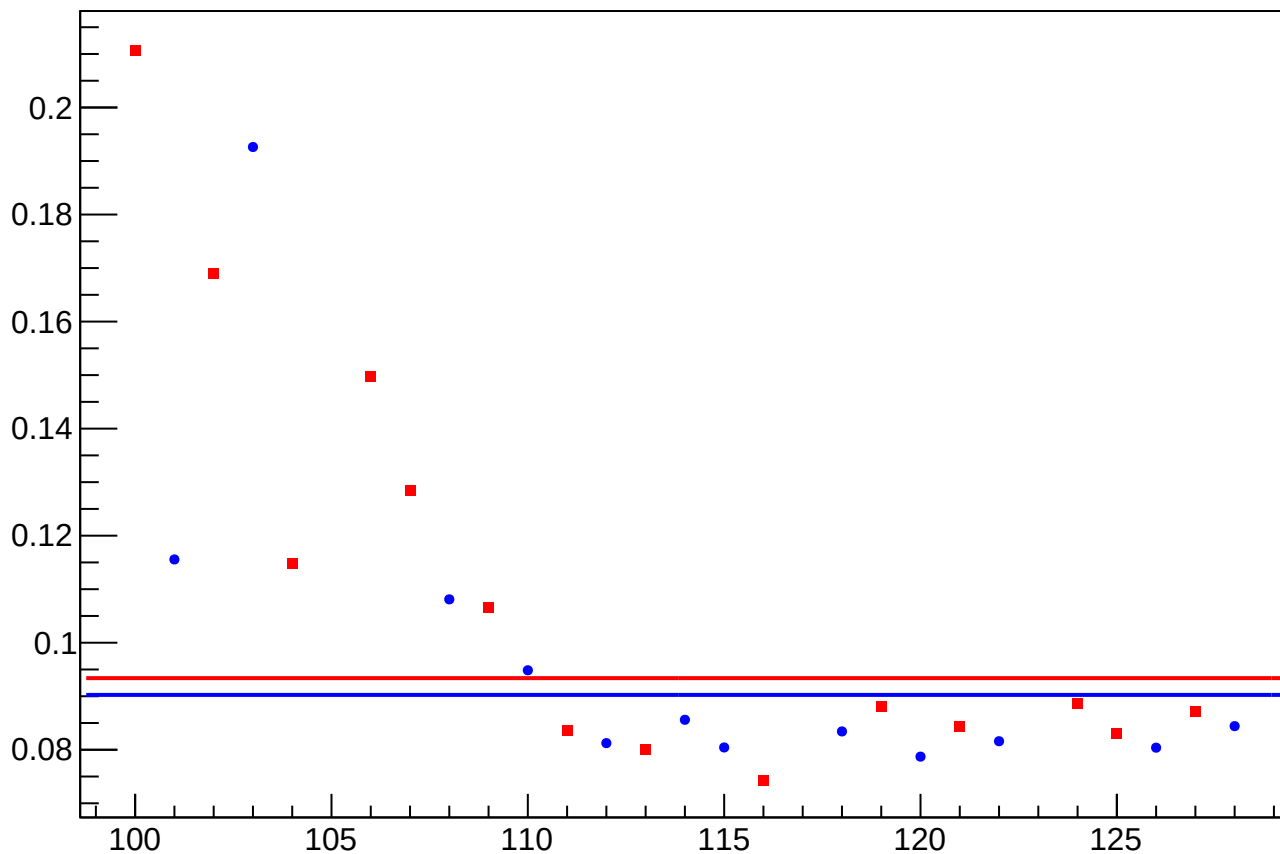
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.692+/-0.000 χ^2/NDF : 821802644.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_usr_rms vs Slug



Right In: 0.090 $\pm$ 0.000 χ^2 /NDF: 466551.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.093 $\pm$ 0.000 χ^2 /NDF: 521618.7/13

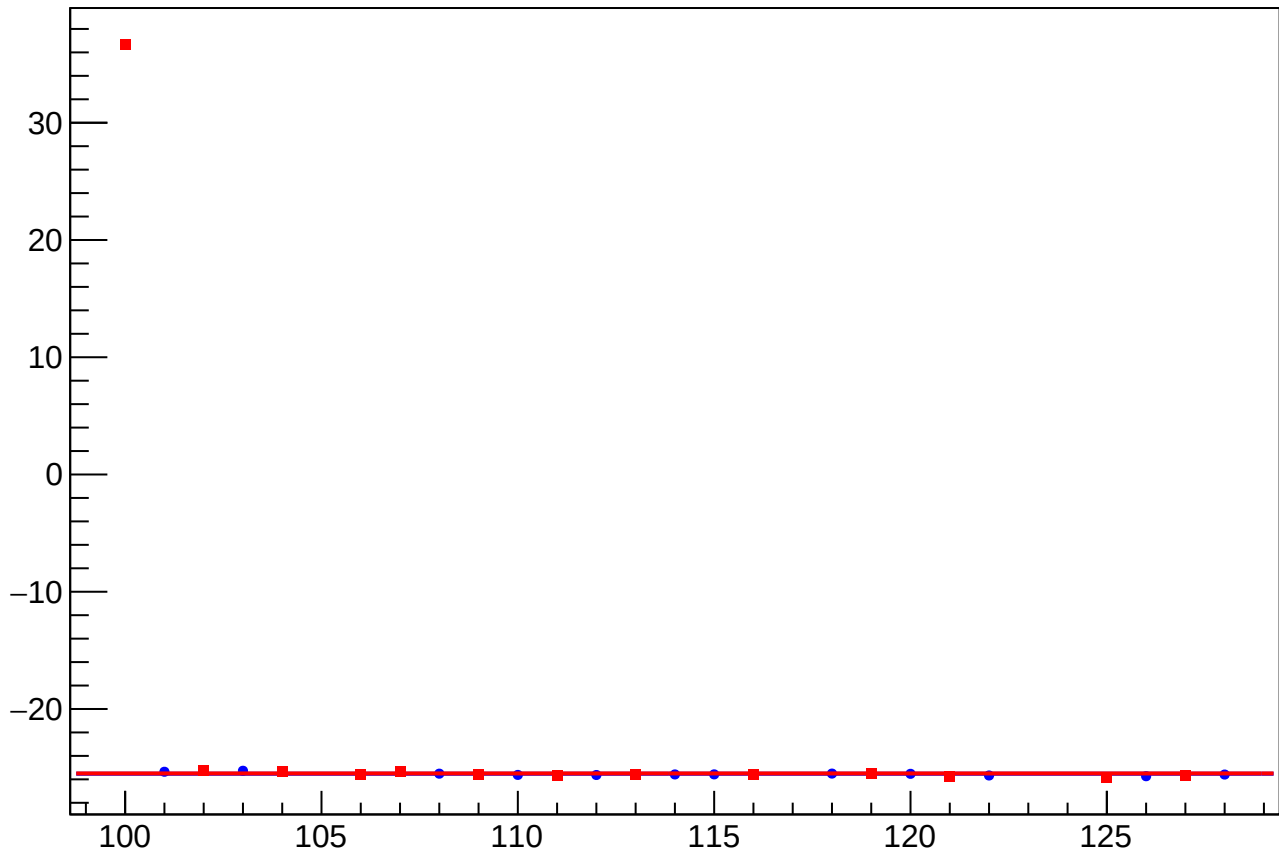
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.092 $\pm$ 0.000 χ^2 /NDF: 993401.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_dsl_mean vs Slug



Right In: -25.522+/-0.000 χ^2/NDF : 54421198.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.496+/-0.000 χ^2/NDF : 8874385716.8/12

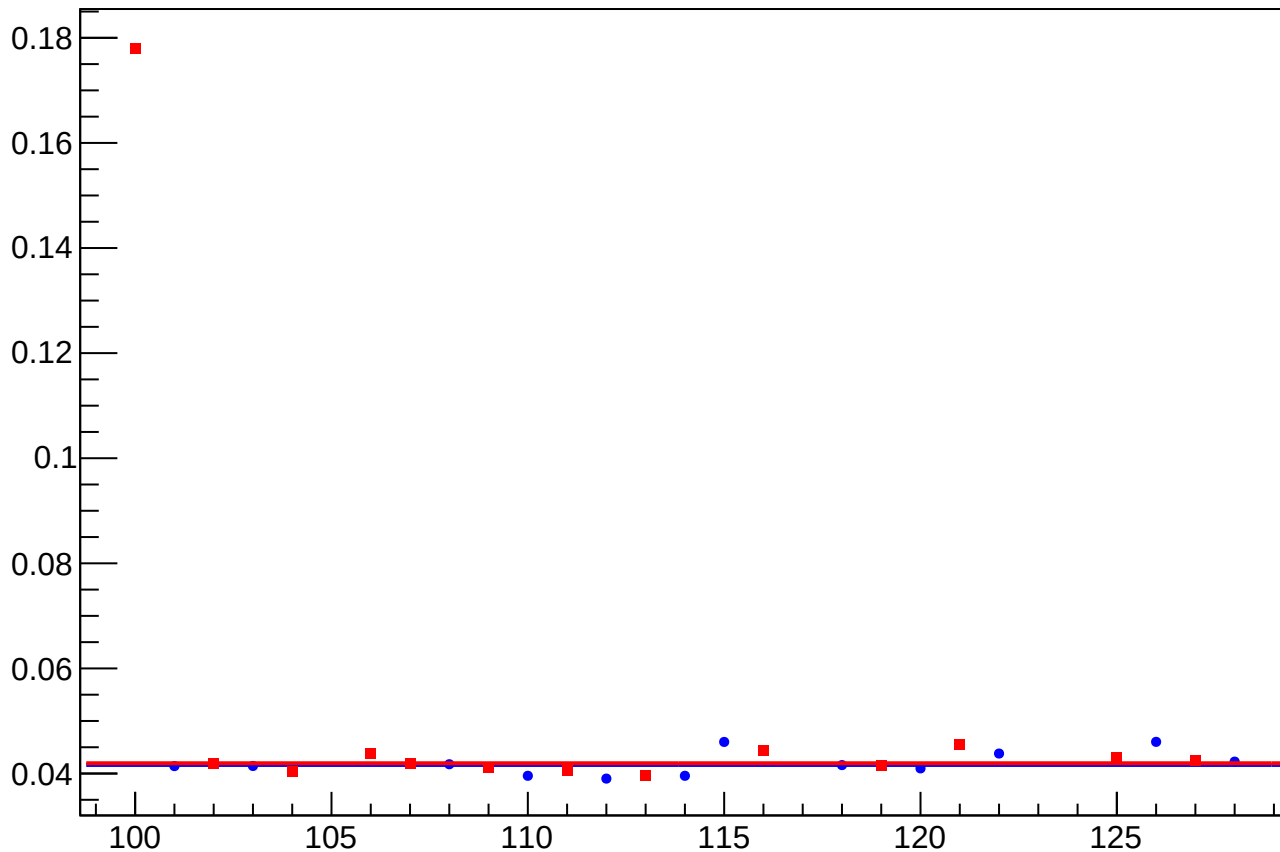
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.509+/-0.000 χ^2/NDF : 8929837667.1/13

- 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: 19356.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.042 $\pm$ 0.000 χ^2 /NDF: 98697.9/12

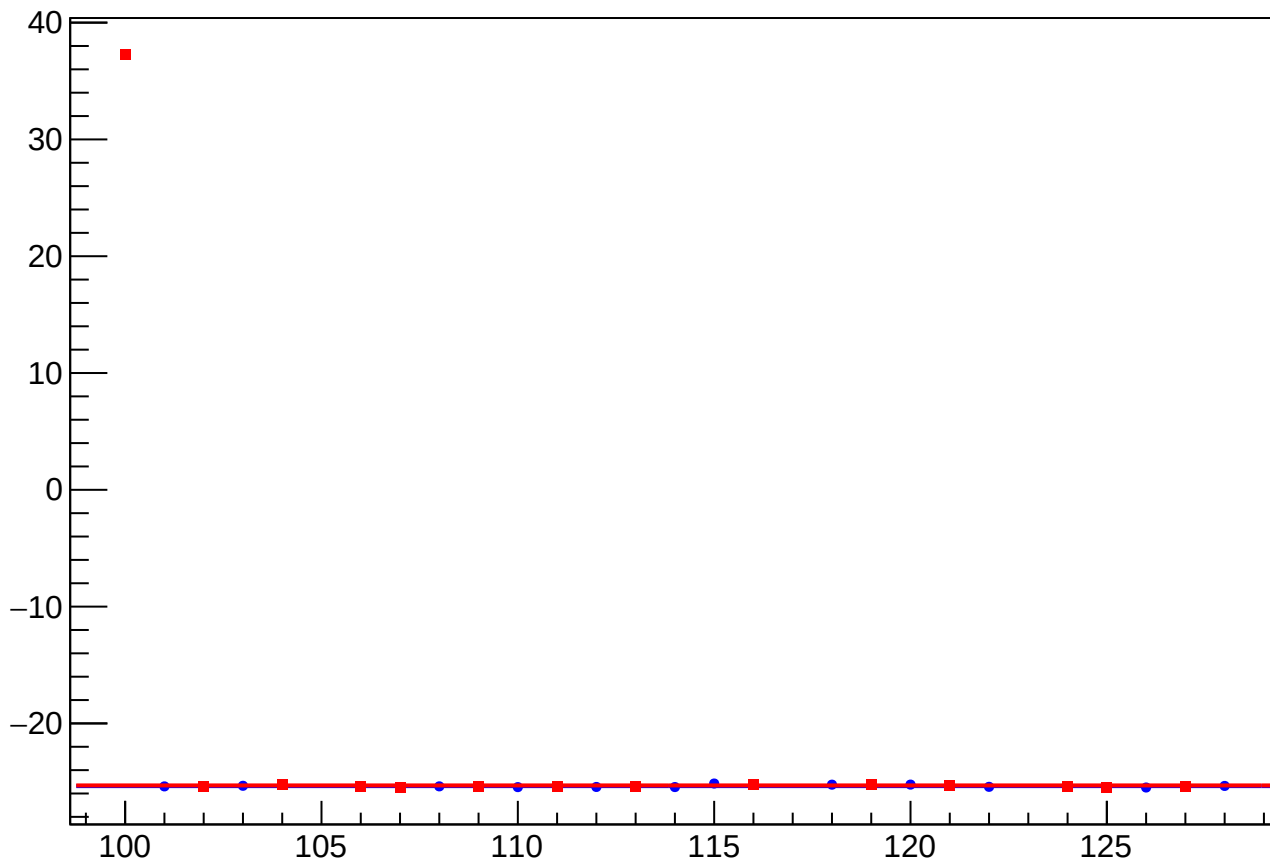
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.042 $\pm$ 0.000 χ^2 /NDF: 118350.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_dsr_mean vs Slug



Right In: -25.369+/-0.000 χ^2/NDF : 10067318.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.308+/-0.000 χ^2/NDF : 6310949579.7/13

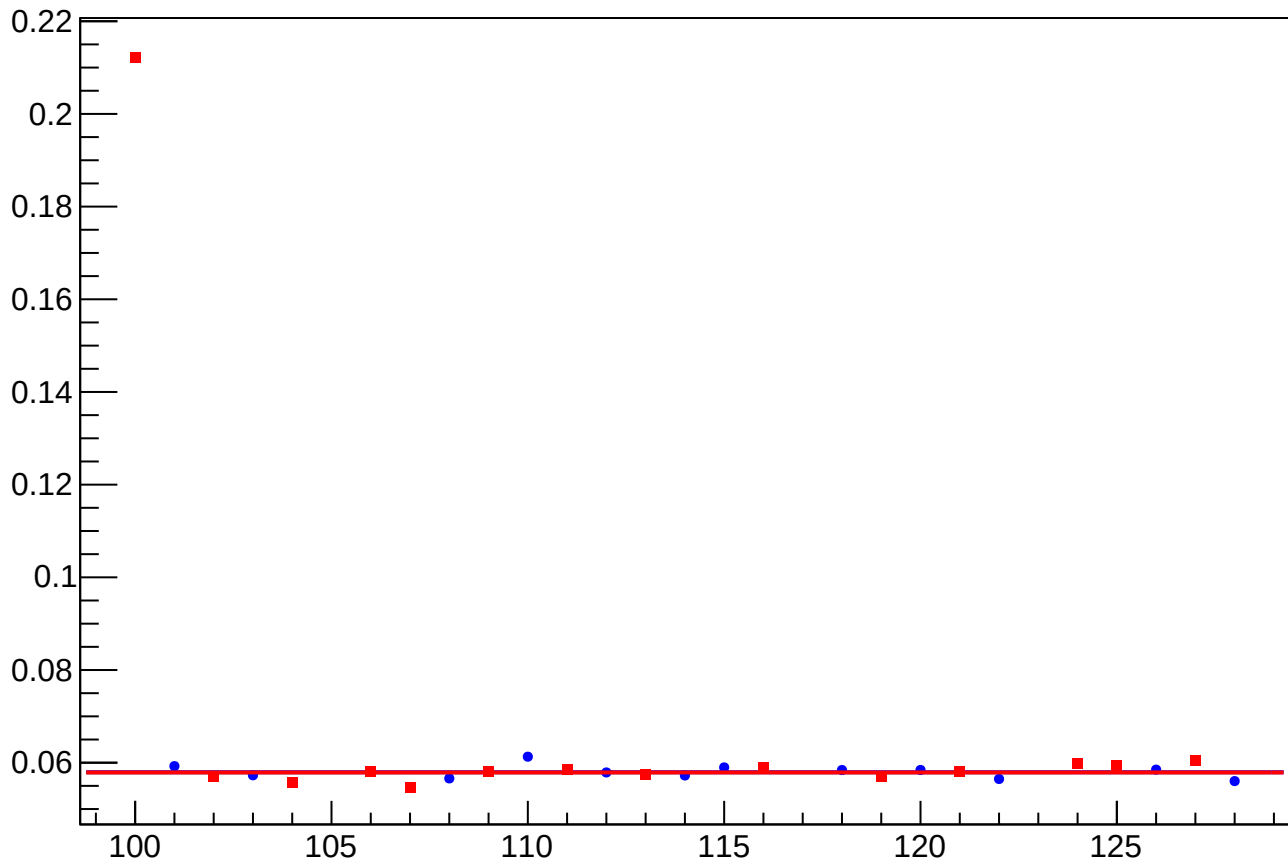
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.337+/-0.000 χ^2/NDF : 6323777645.2/14

- 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 : 5353.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.058+/-0.000 χ^2/NDF : 82932.3/13

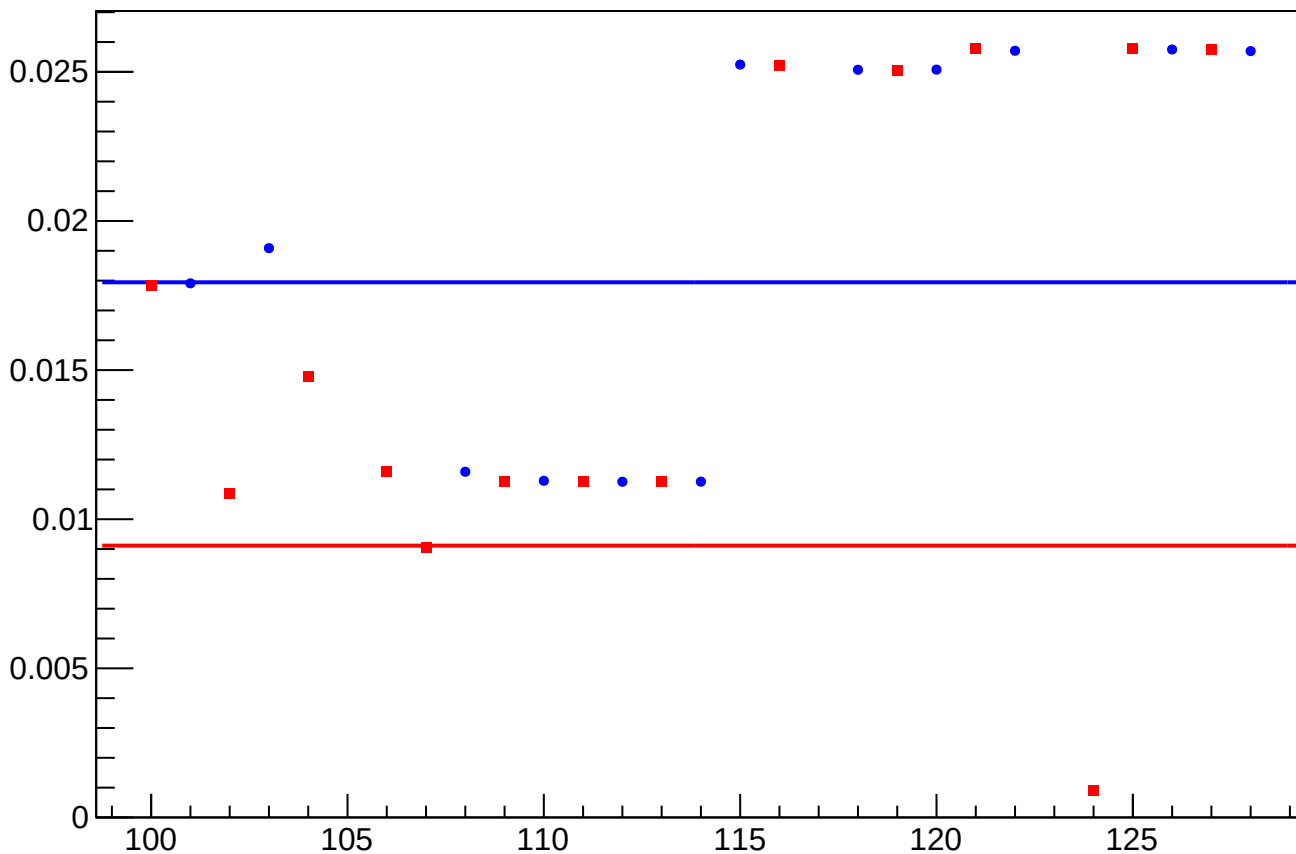
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.000 χ^2/NDF : 88289.5/25

- 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 : 45788367127.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 172129071447.3/13

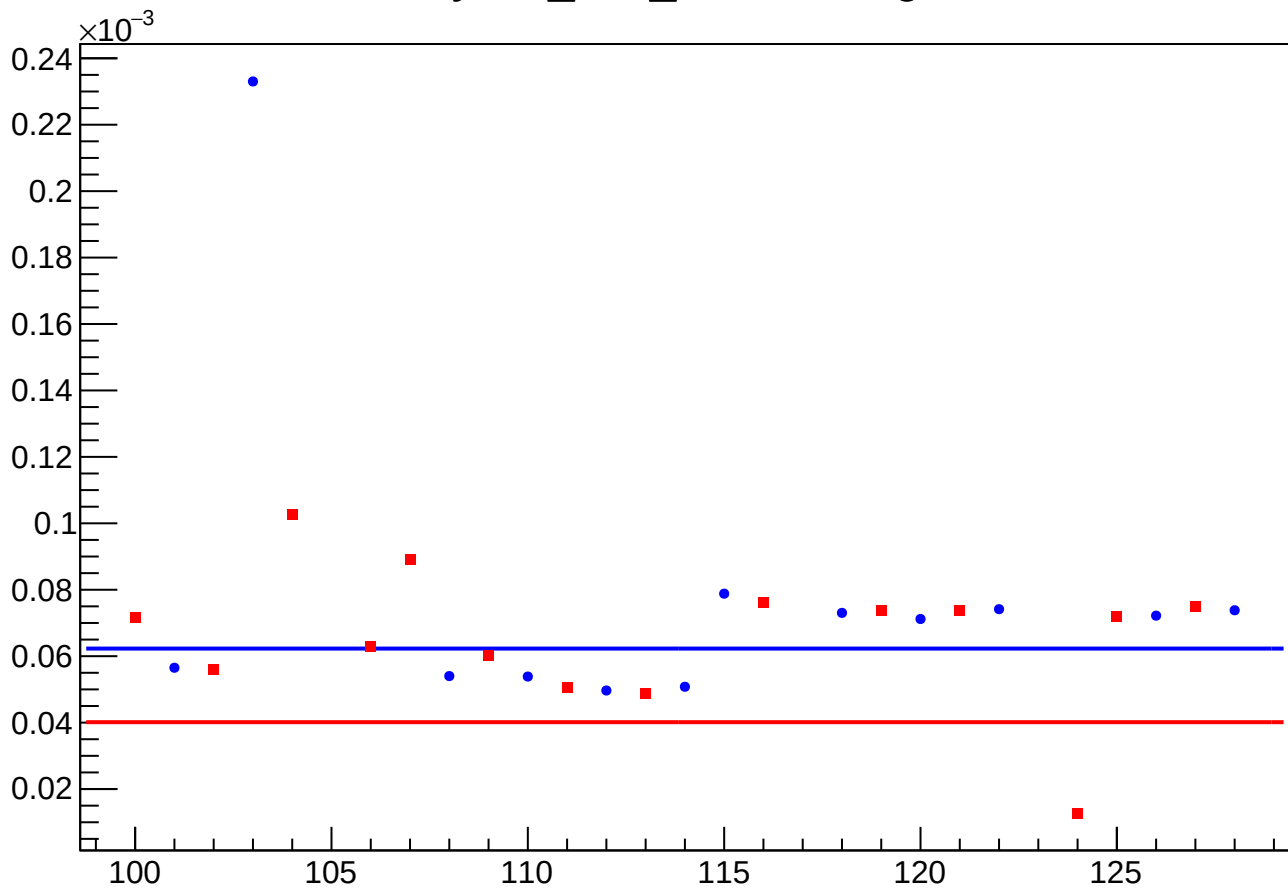
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 276000938829.6

- 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 : 750782.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3075416.4/13

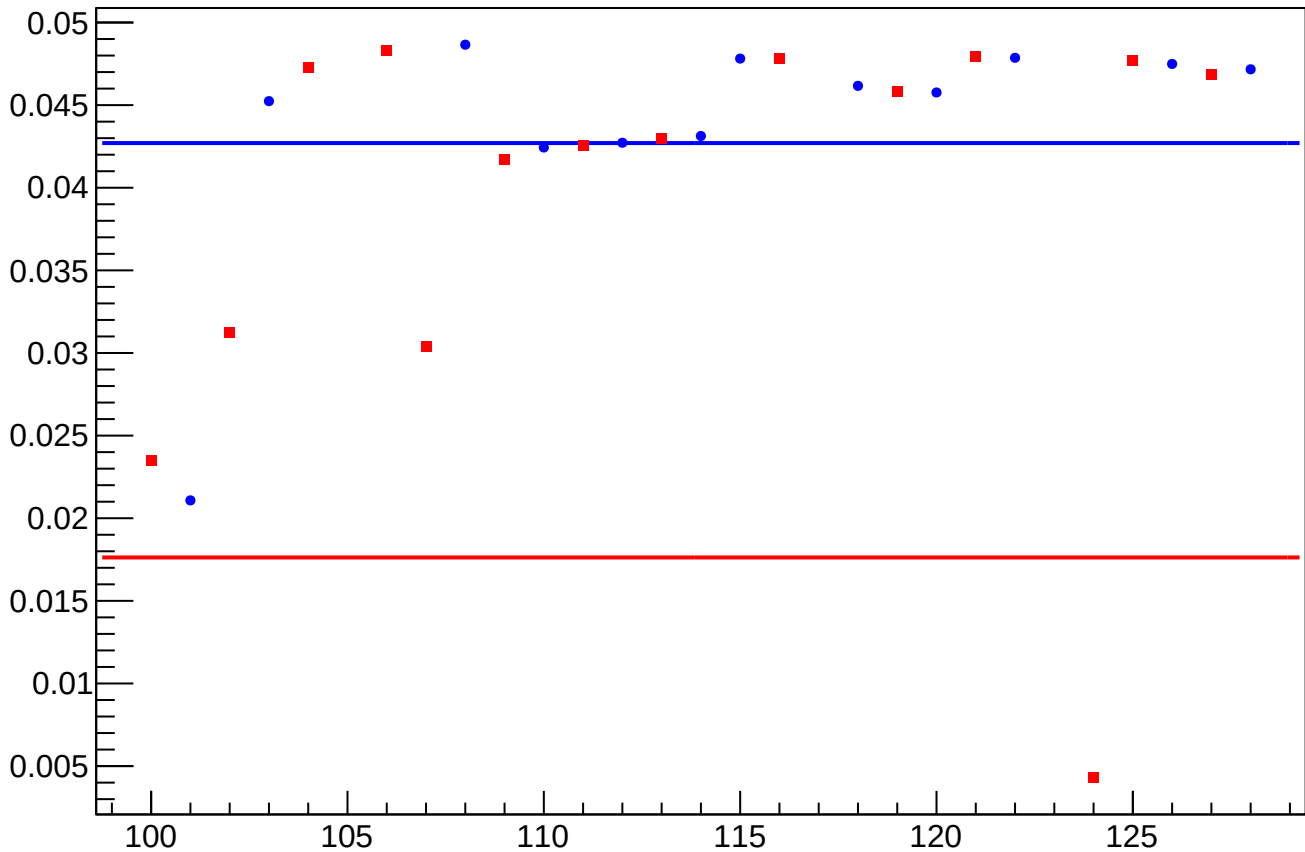
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4557813.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atl2_mean vs Slug



Right In: 0.043+/-0.000 χ^2/NDF : 2823820069.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.018+/-0.000 χ^2/NDF : 36574915388.8/13

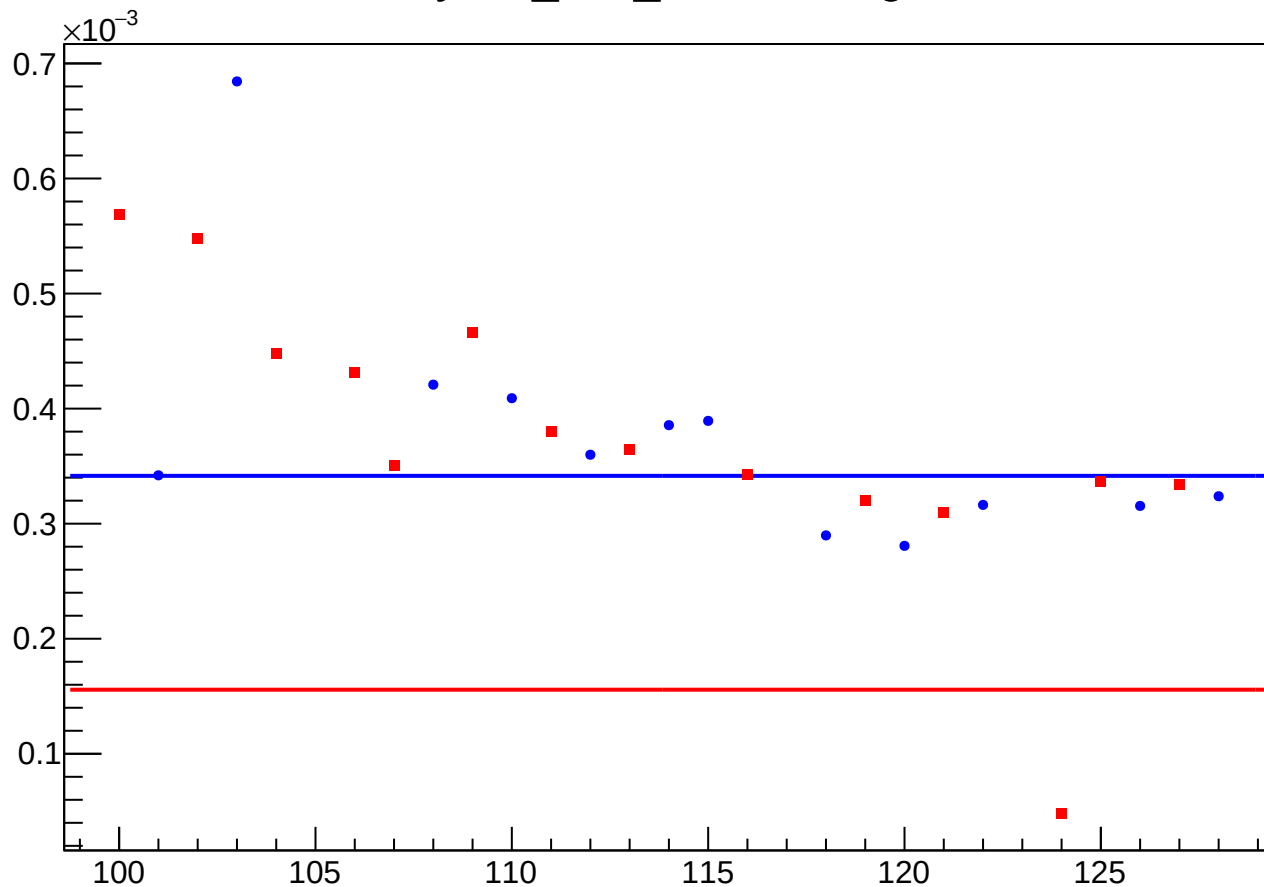
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 56449665679.7/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atl2_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 405541.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 4939716.3/13

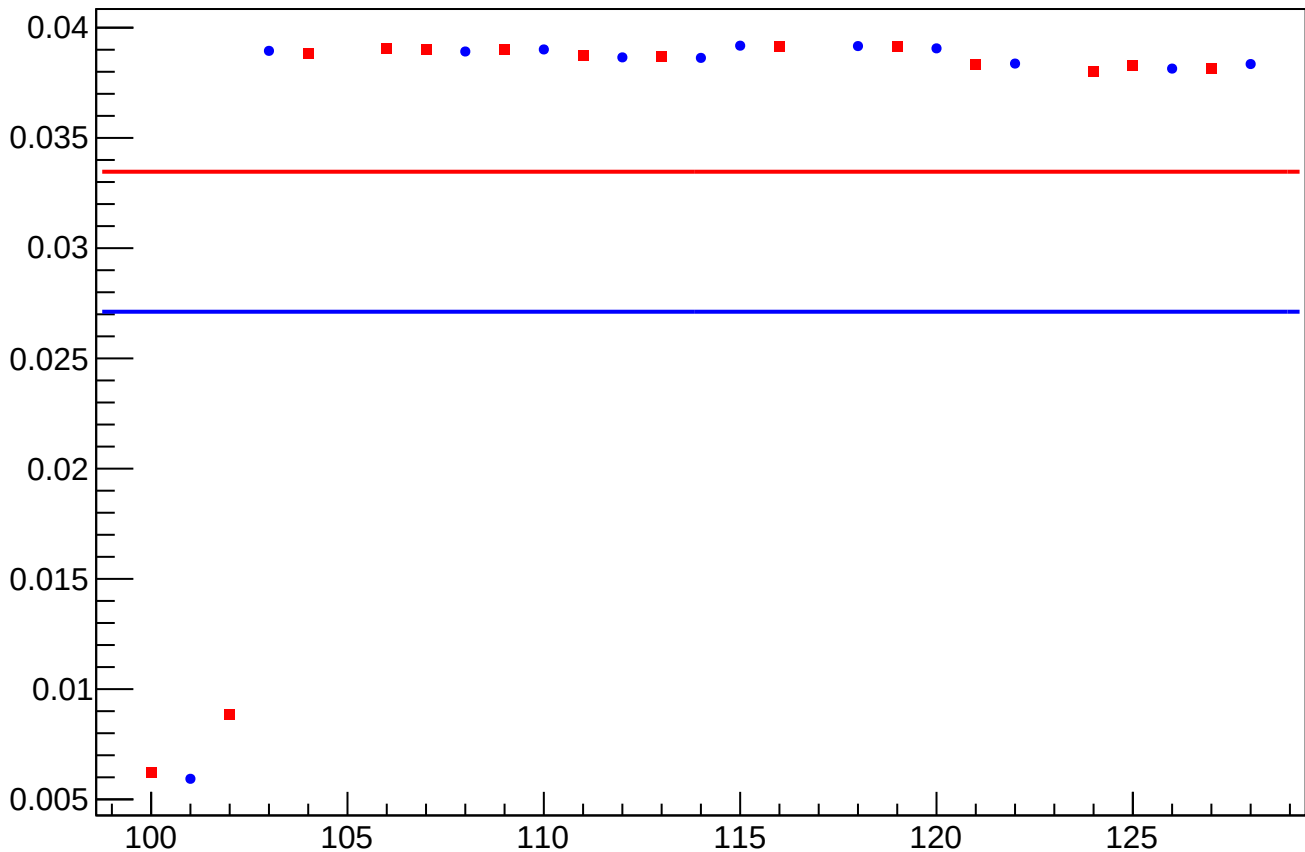
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 7218362.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_atr1_mean vs Slug



Right In: 0.027+/-0.000 χ^2/NDF : 95048125622.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.033+/-0.000 χ^2/NDF : 44735046429.8/13

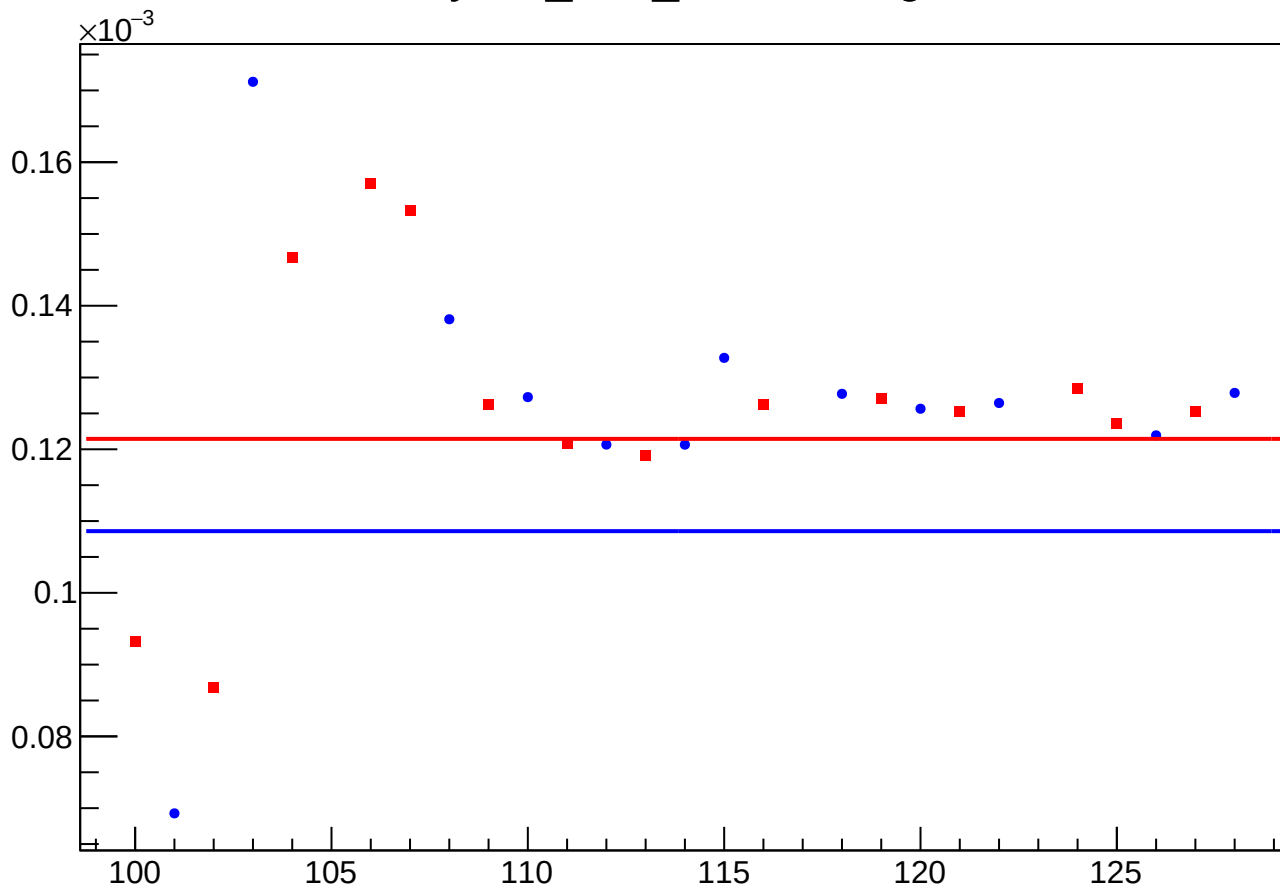
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.030+/-0.000 χ^2/NDF : 147084886531.6

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atr1_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 740375.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 222611.4/13

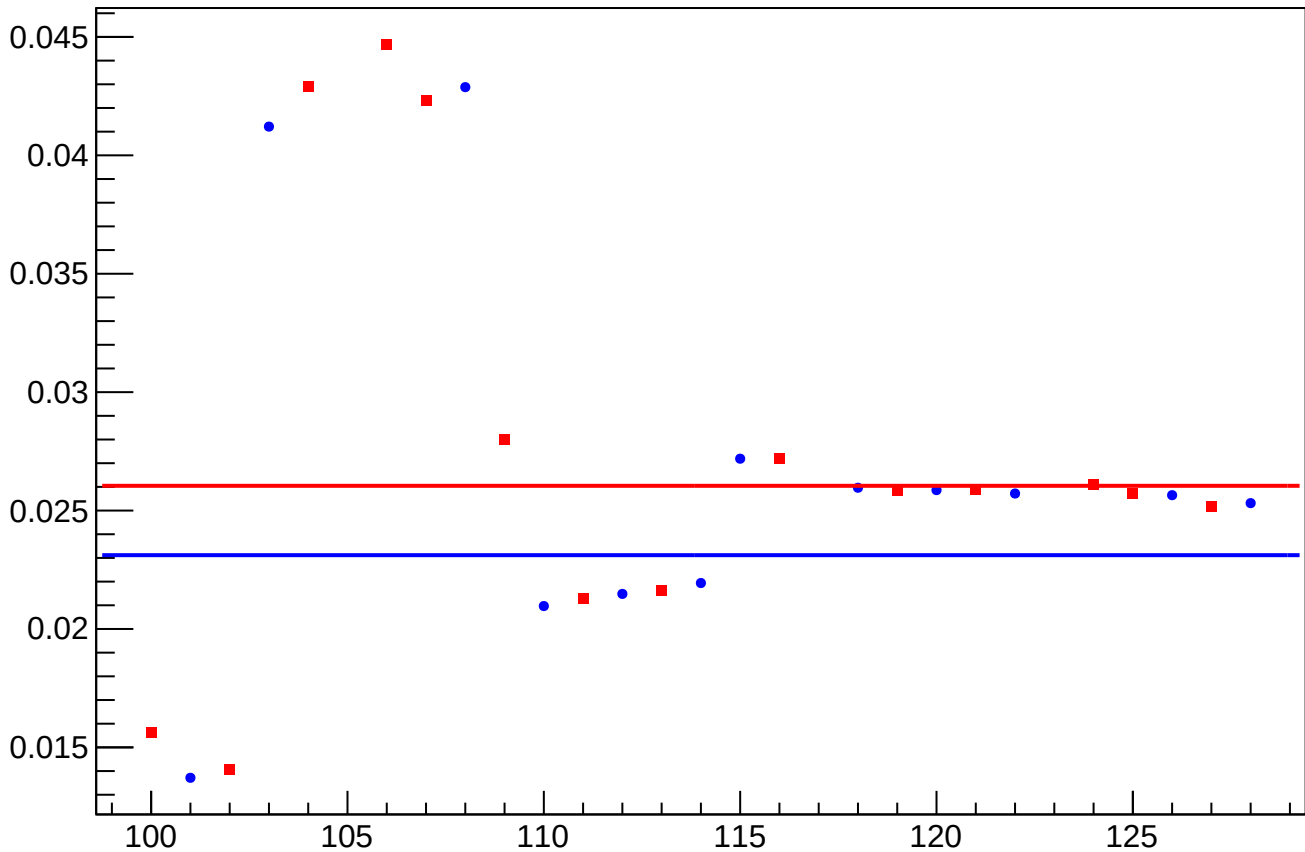
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1022839.9/25

- 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 : 3483512187.3/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.026+/-0.000 χ^2/NDF : 3233385009.8/13

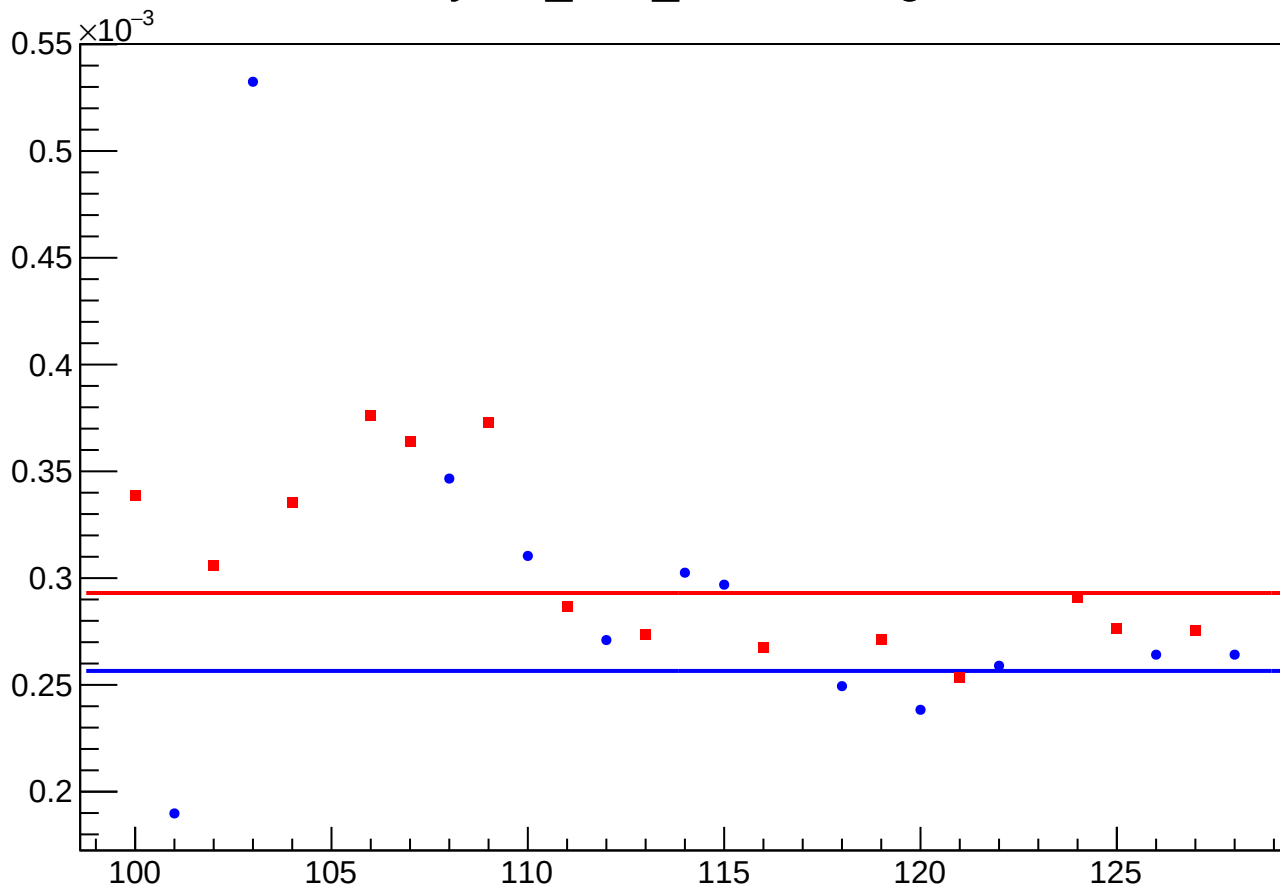
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 6974049318.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atr2_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 530366.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 141951.4/13

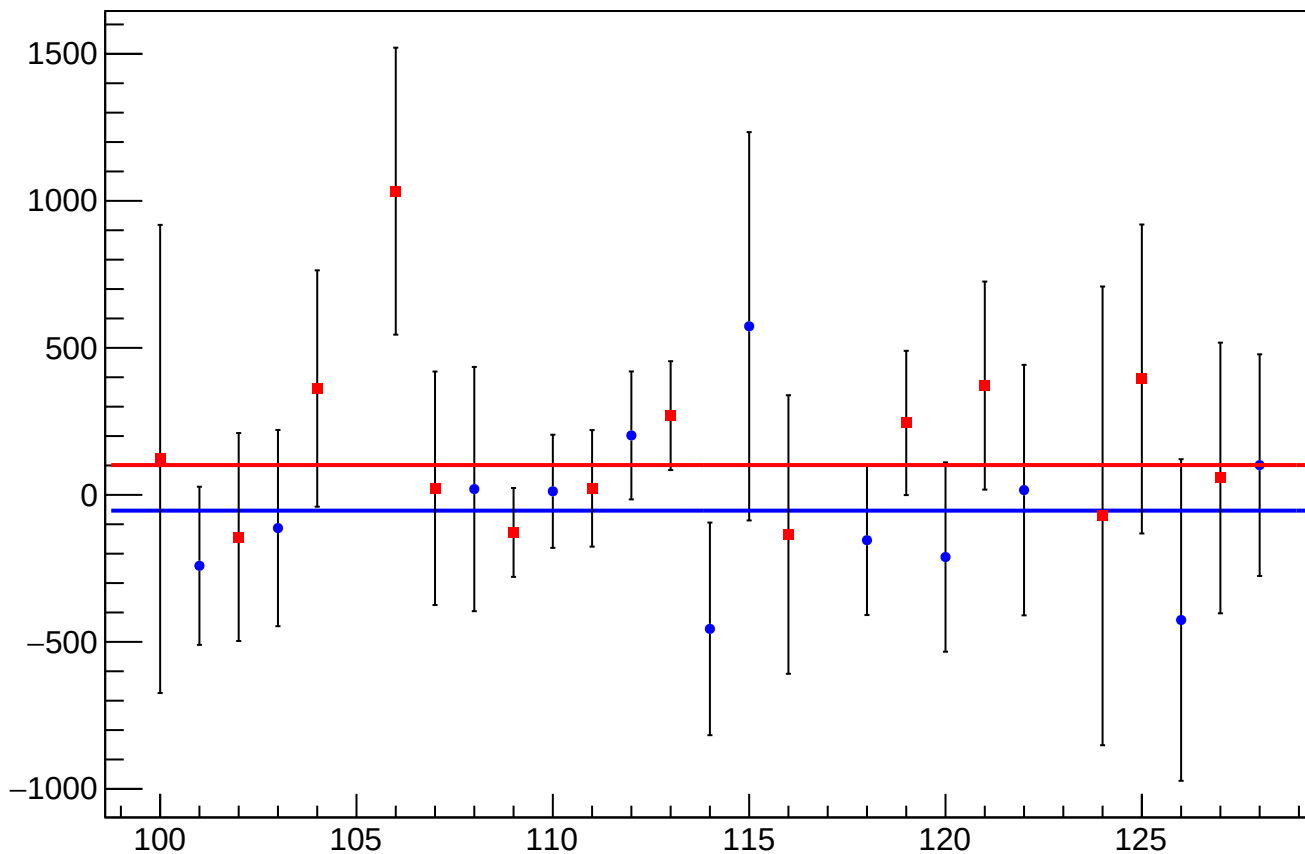
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 752141.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: -53.622 $\pm$ 88.515 χ^2 /NDF: 5.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 101.360 $\pm$ 78.135 χ^2 /NDF: 9.4/13

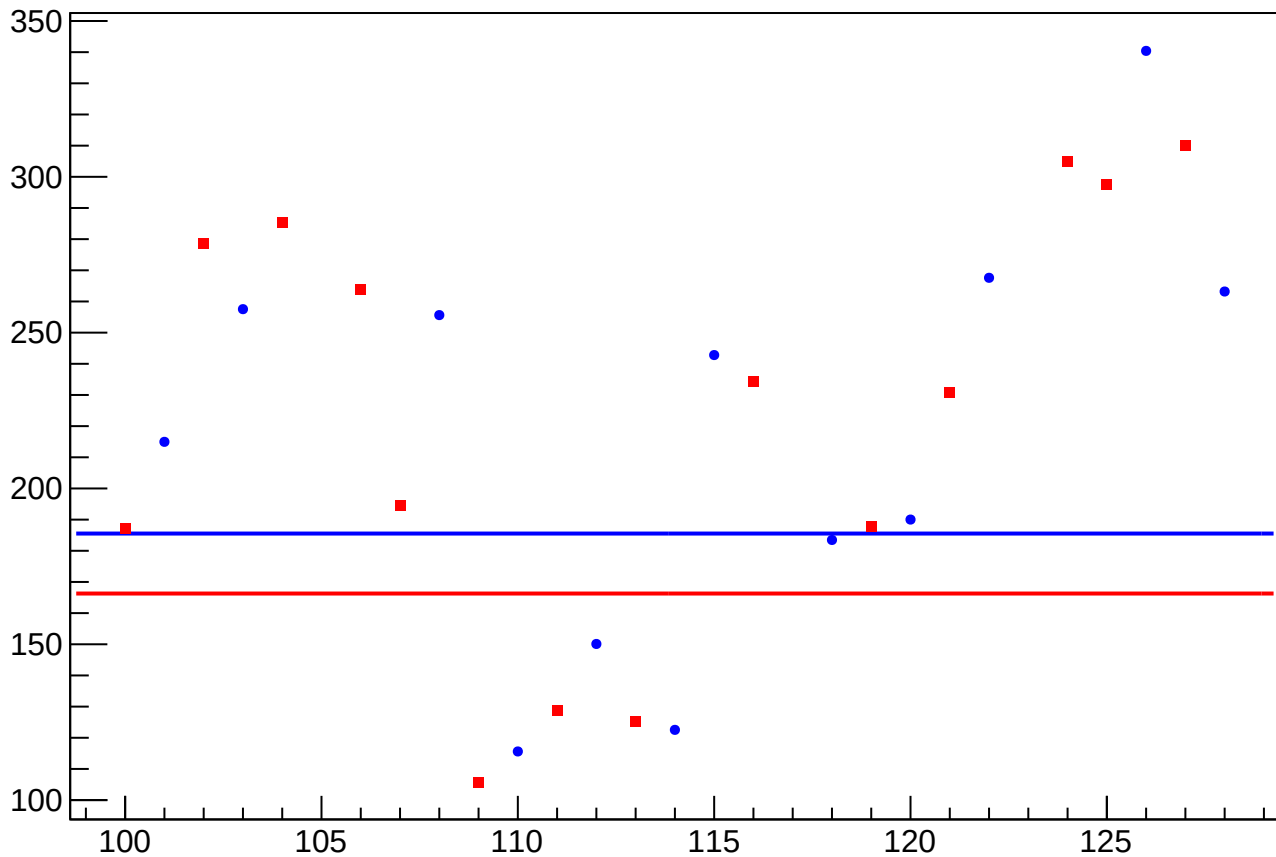
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.485 $\pm$ 58.578 χ^2 /NDF: 16.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 185.532 $\pm$ 0.063 χ^2 /NDF: 886903.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 166.285 $\pm$ 0.055 χ^2 /NDF: 1467455.6/13

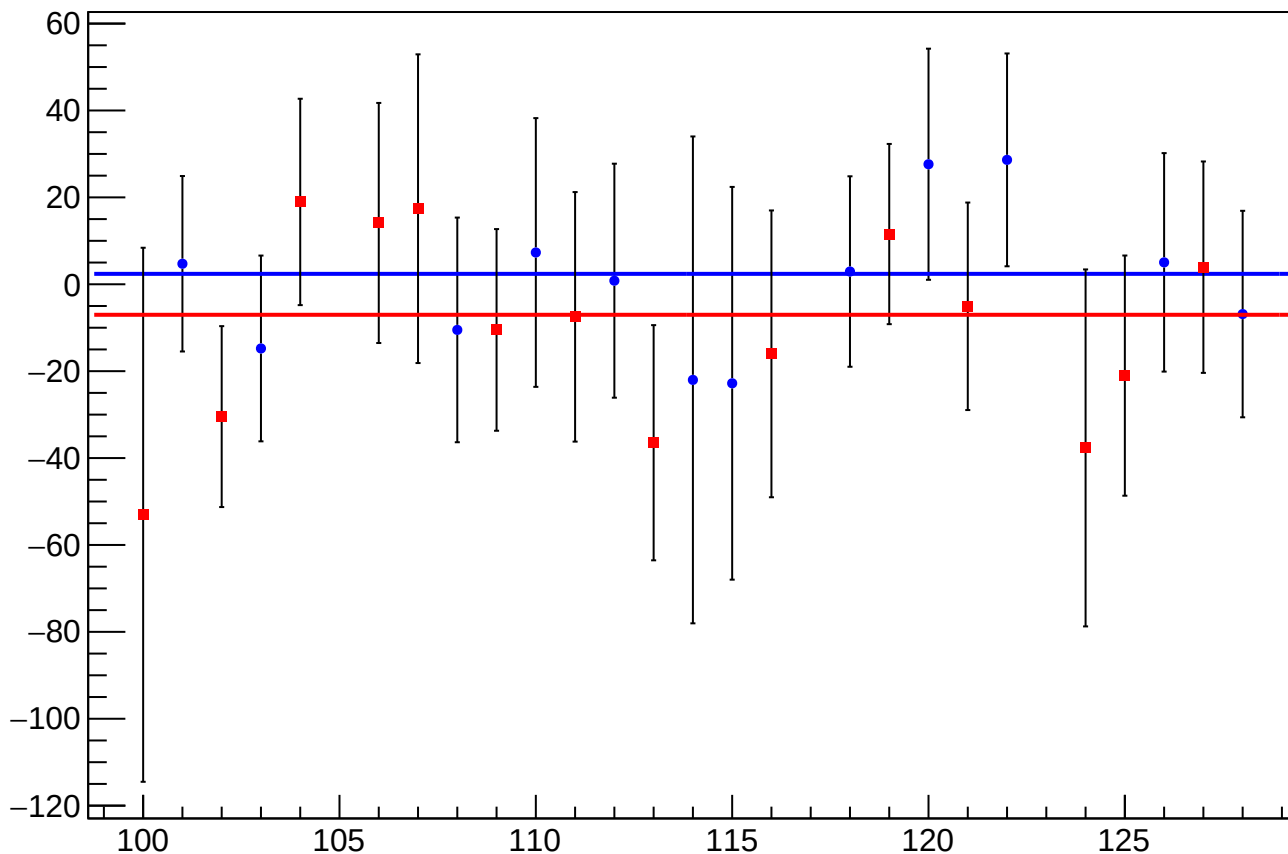
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 174.714 $\pm$ 0.041 χ^2 /NDF: 2407511.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 2.398+/-7.478 χ^2/NDF : 3.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.023+/-7.167 χ^2/NDF : 7.2/13

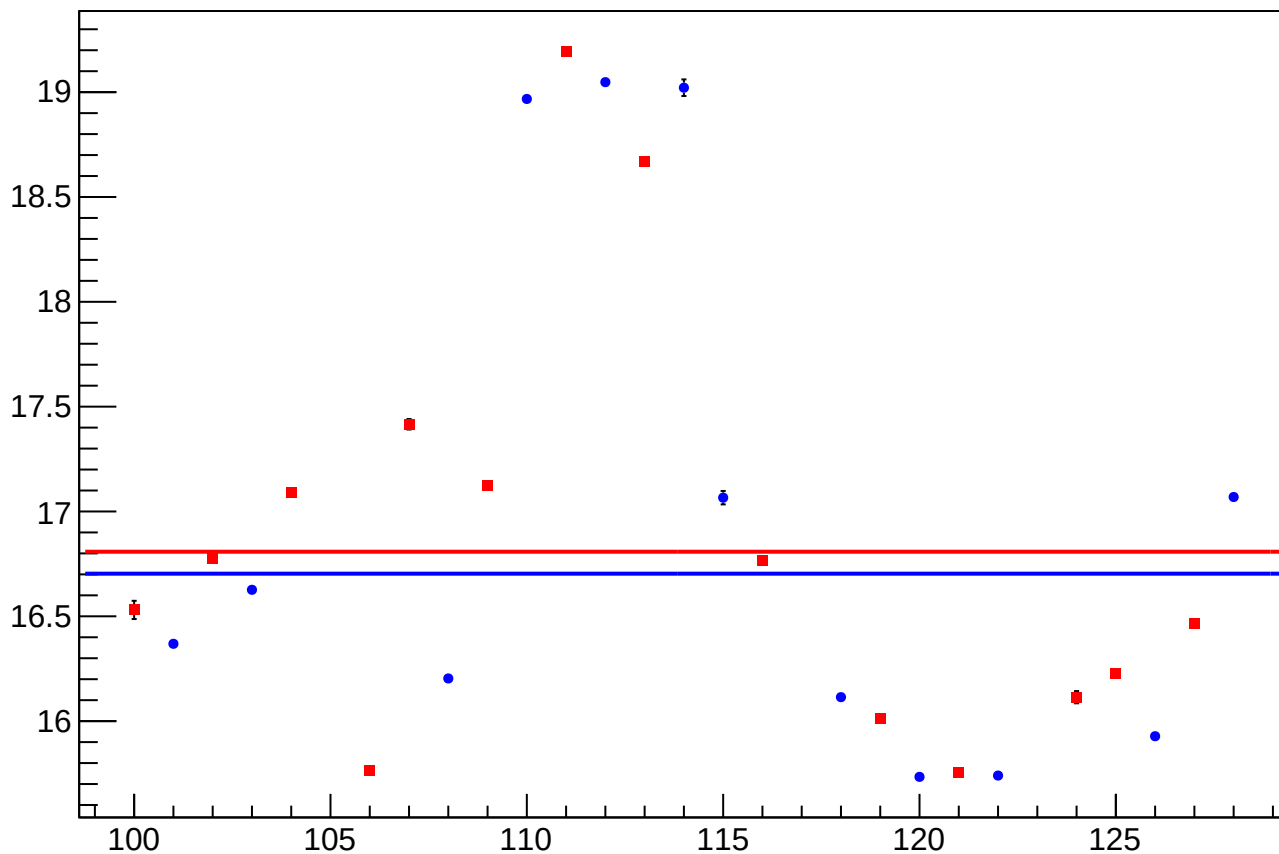
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.512+/-5.174 χ^2/NDF : 11.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 16.703+/-0.005 χ^2/NDF : 40314.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.808+/-0.005 χ^2/NDF : 36052.3/13

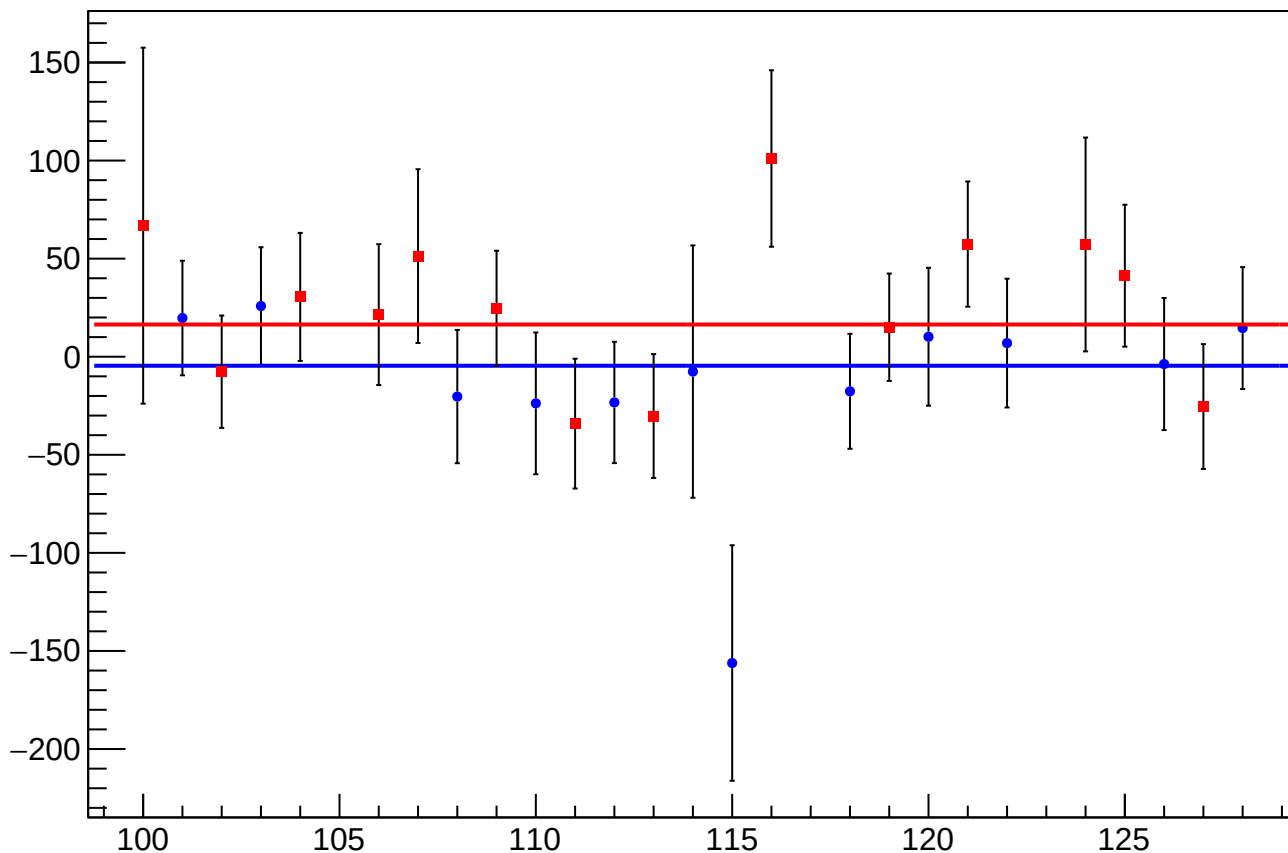
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.758+/-0.004 χ^2/NDF : 76571.6/25

- 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: -4.607+/-9.851 χ^2/NDF : 9.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.417+/-9.309 χ^2/NDF : 14.4/13

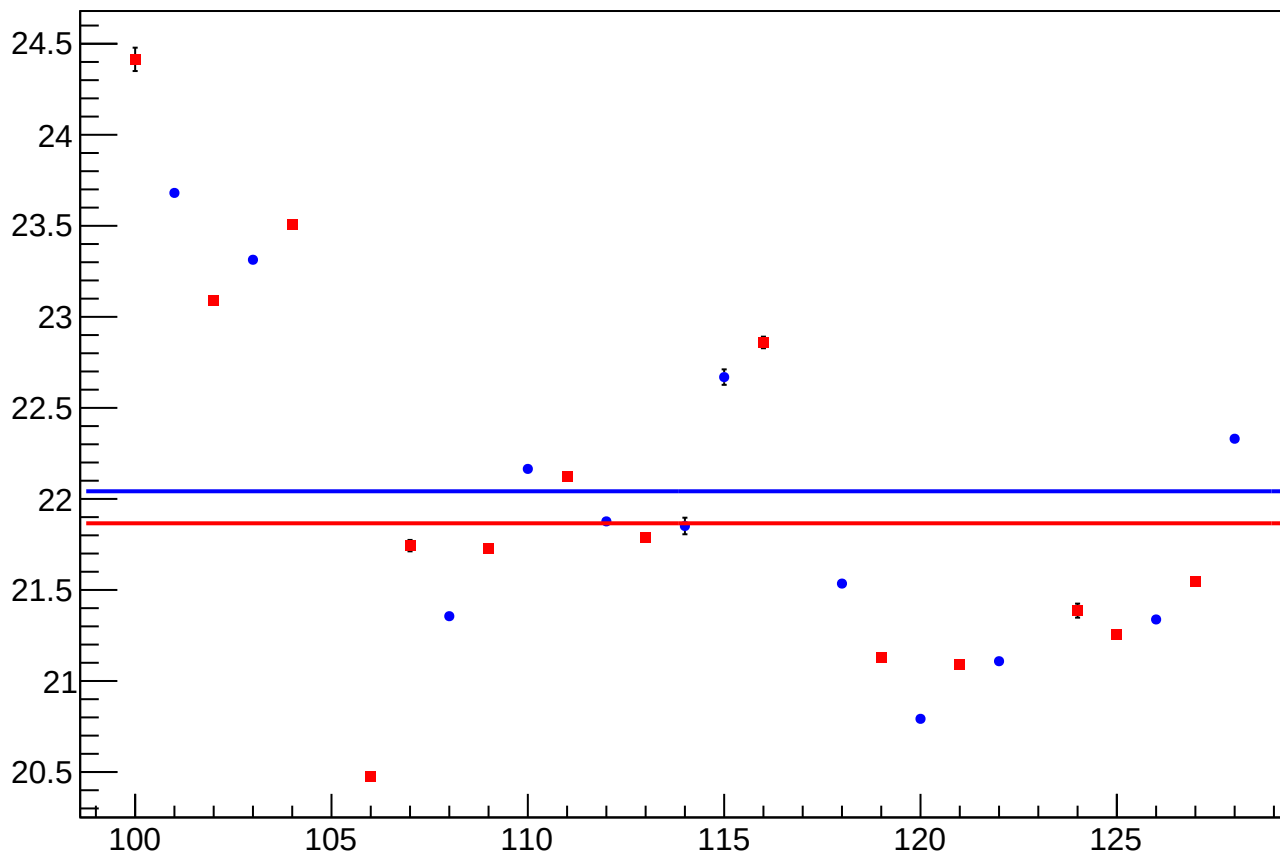
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.500+/-6.766 χ^2/NDF : 26.6/25

- 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: 22.042 $\pm$ 0.007 χ^2 /NDF: 16823.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.866 $\pm$ 0.007 χ^2 /NDF: 18021.4/13

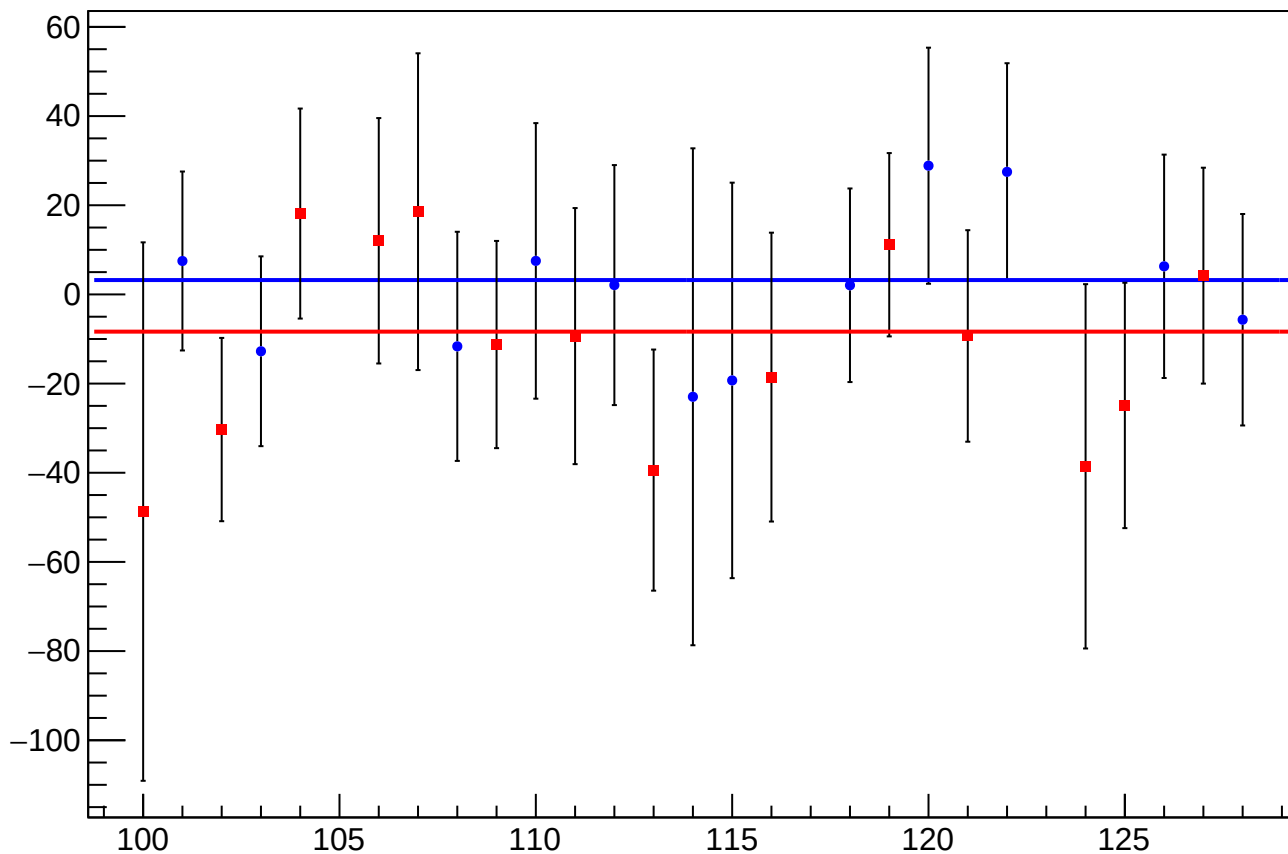
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.949 $\pm$ 0.005 χ^2 /NDF: 35181.2/25

- 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: 3.220+/-7.440 χ^2/NDF : 3.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.349+/-7.123 χ^2/NDF : 7.5/13

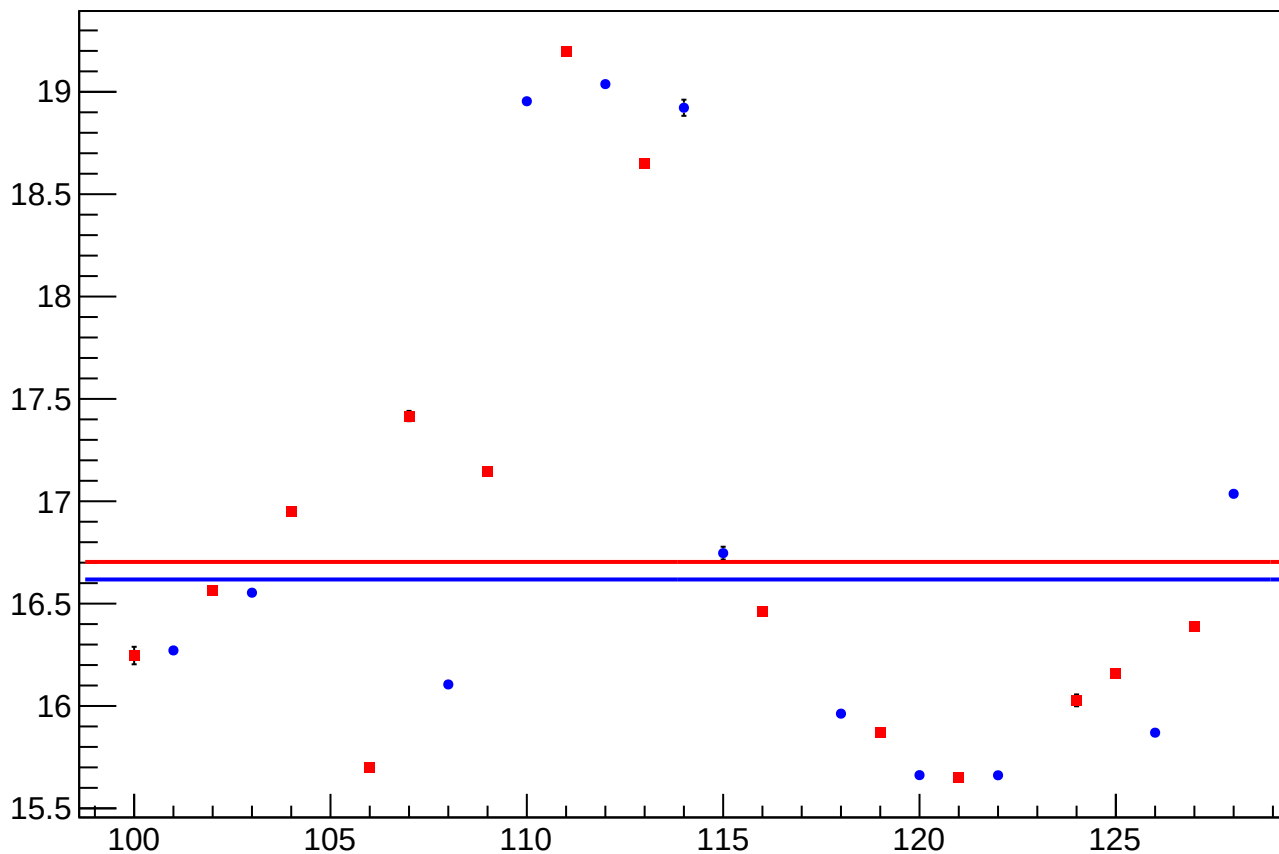
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.816+/-5.145 χ^2/NDF : 12.3/25

- 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: 16.618+/-0.005 χ^2/NDF : 42355.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.704+/-0.005 χ^2/NDF : 39038.4/13

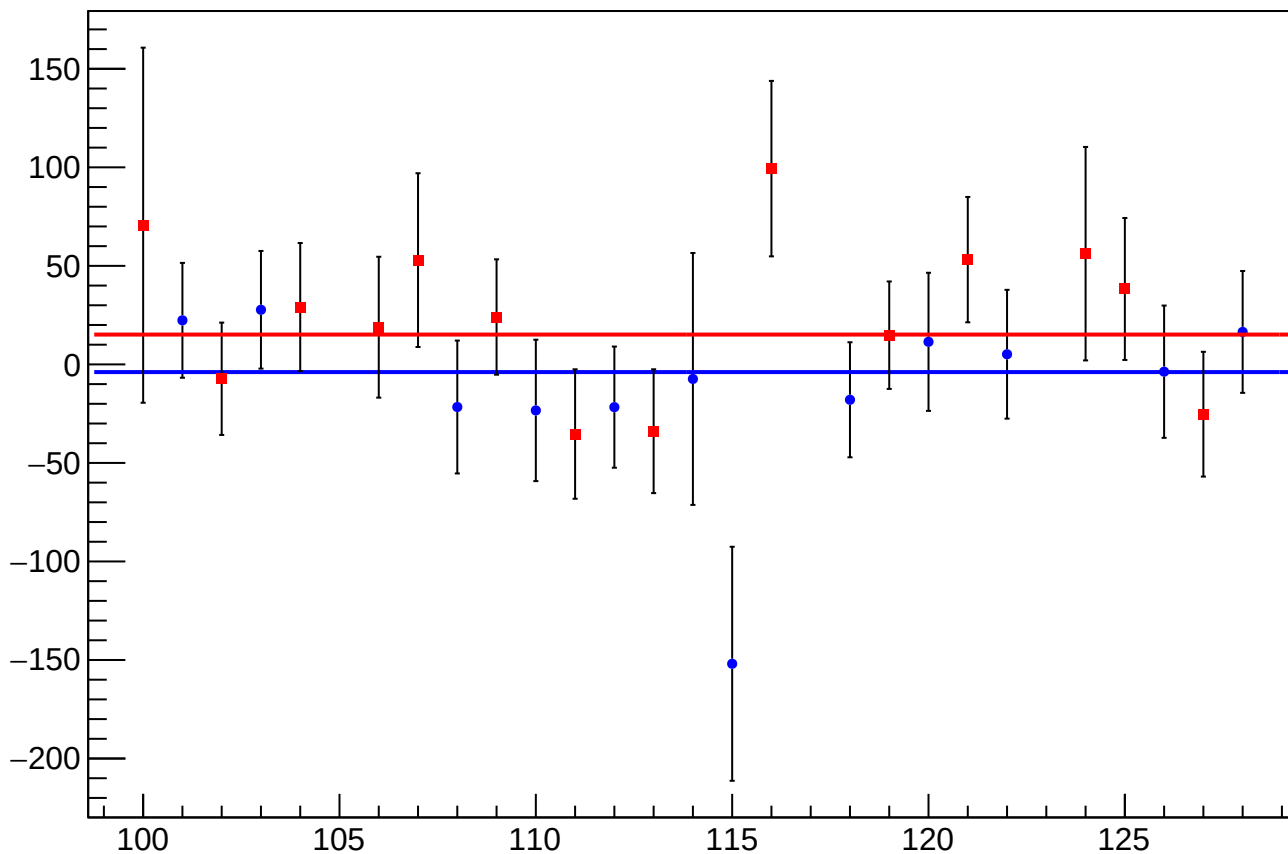
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.663+/-0.004 χ^2/NDF : 81532.6/25

- 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: -3.900 ± 9.806 χ^2/NDF : 10.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 15.131 ± 9.264 χ^2/NDF : 14.4/13

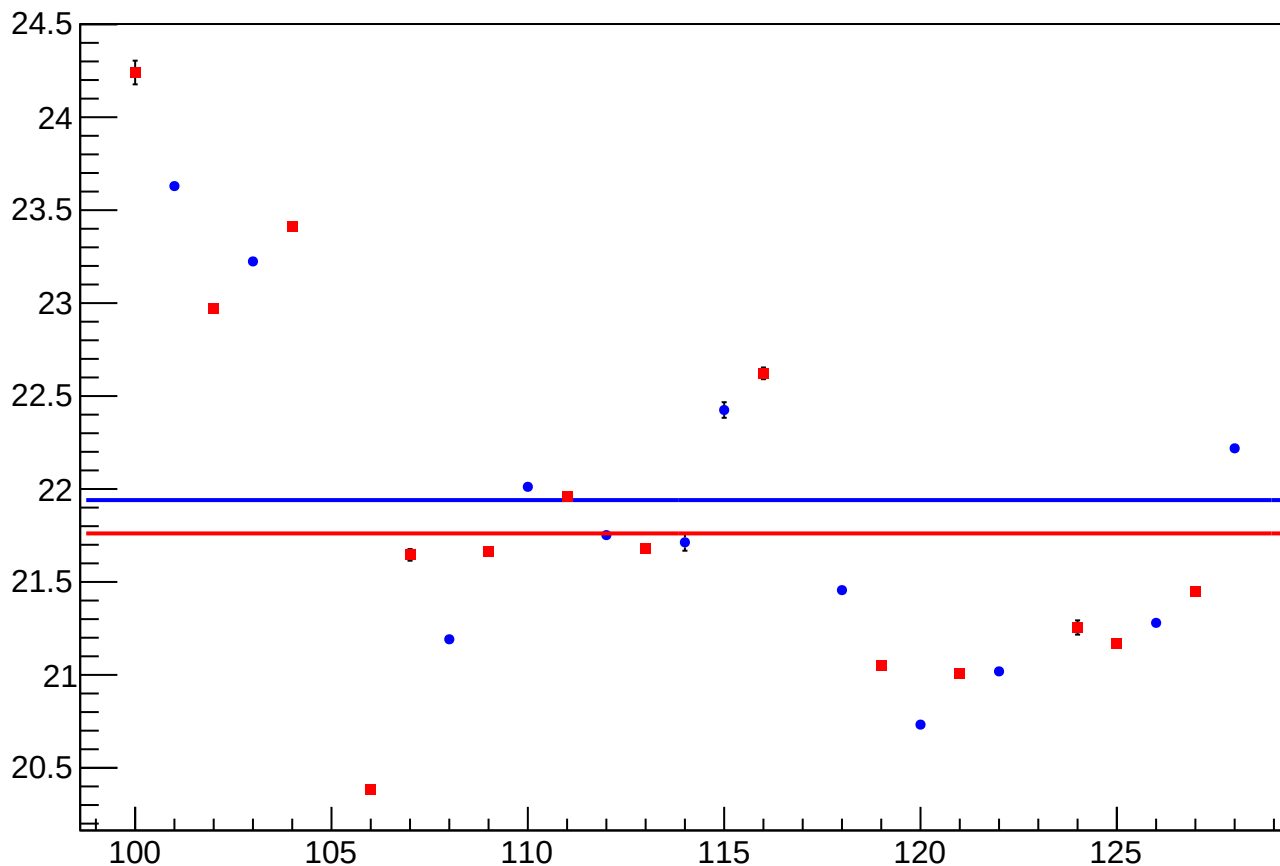
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 6.156 ± 6.734 χ^2/NDF : 26.4/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug



Right In: 21.940 $\pm$ 0.007 χ^2 /NDF: 17099.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.761 $\pm$ 0.007 χ^2 /NDF: 17525.2/13

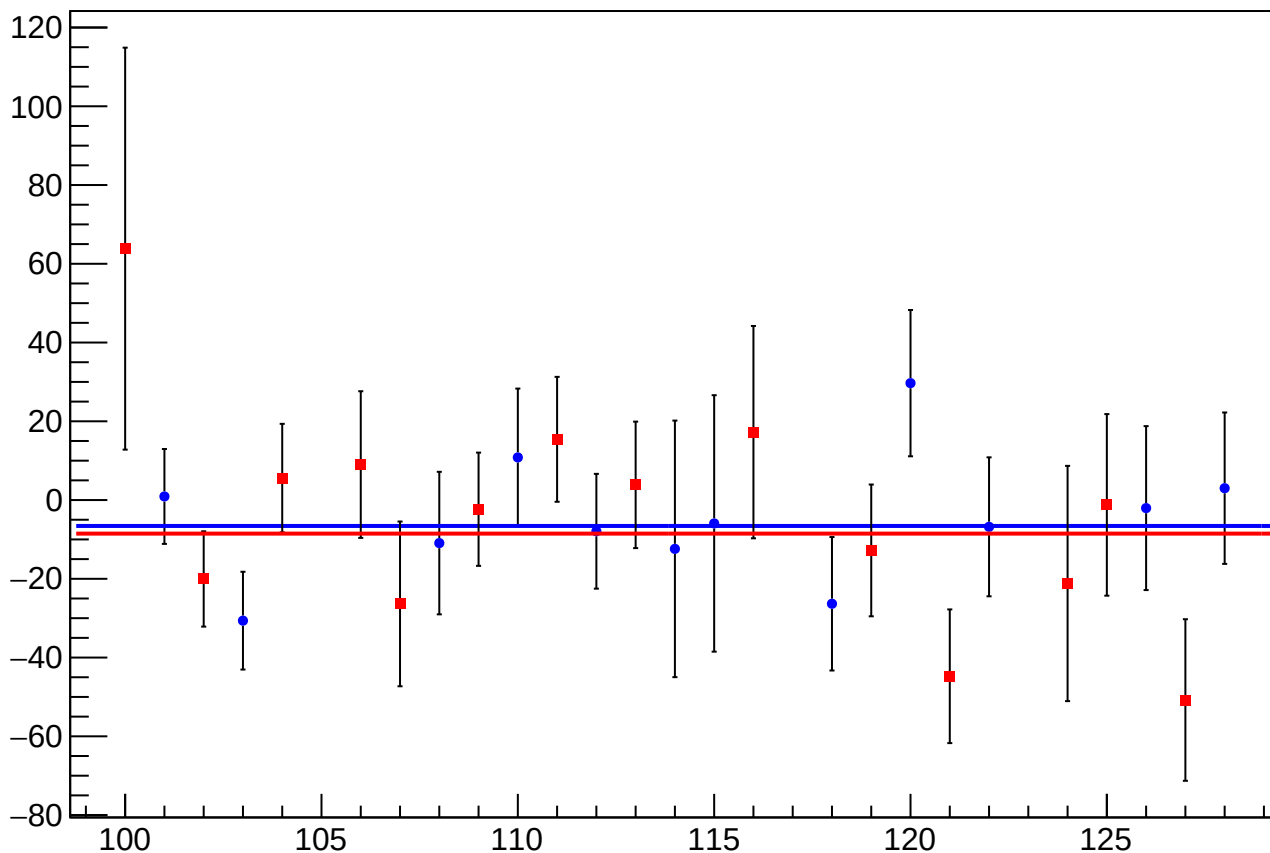
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.846 $\pm$ 0.005 χ^2 /NDF: 34977.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -6.578+/-4.945 χ^2/NDF : 10.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.525+/-4.760 χ^2/NDF : 18.7/13

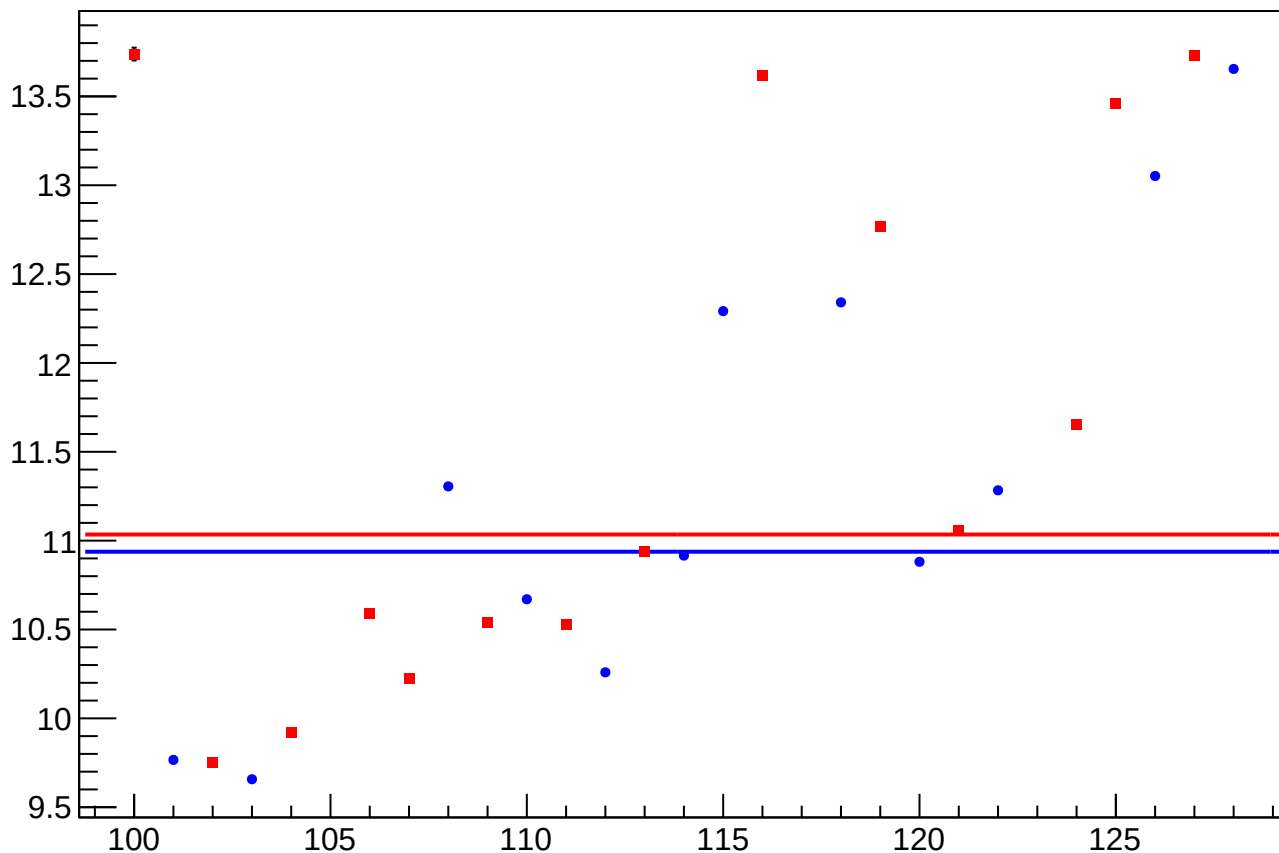
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.589+/-3.429 χ^2/NDF : 29.5/25

- 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: 10.938+/-0.003 χ^2/NDF : 124350.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.035+/-0.003 χ^2/NDF : 147130.9/13

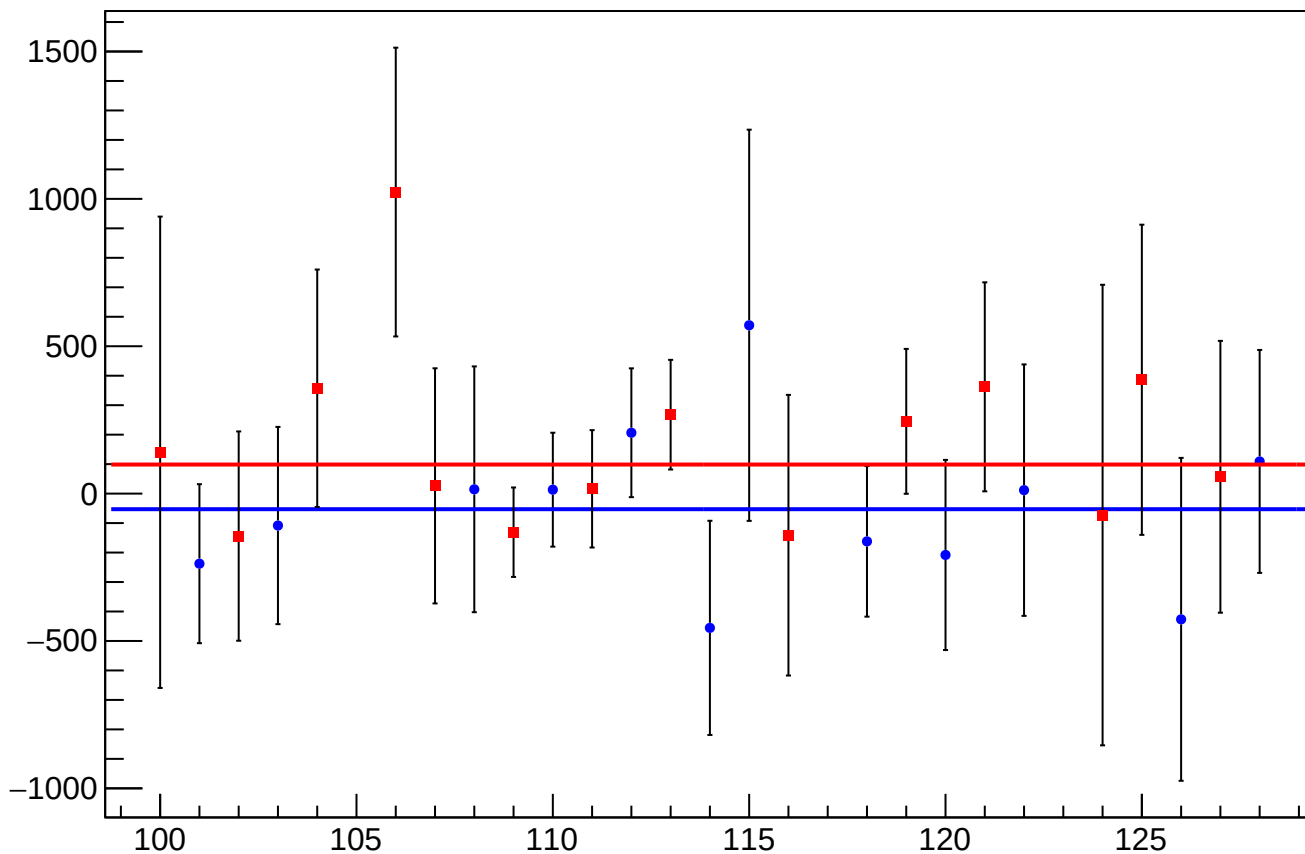
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.988+/-0.002 χ^2/NDF : 271879.2/25

- 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: -52.905+/-88.823 χ^2/NDF : 5.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.624+/-78.430 χ^2/NDF : 9.3/13

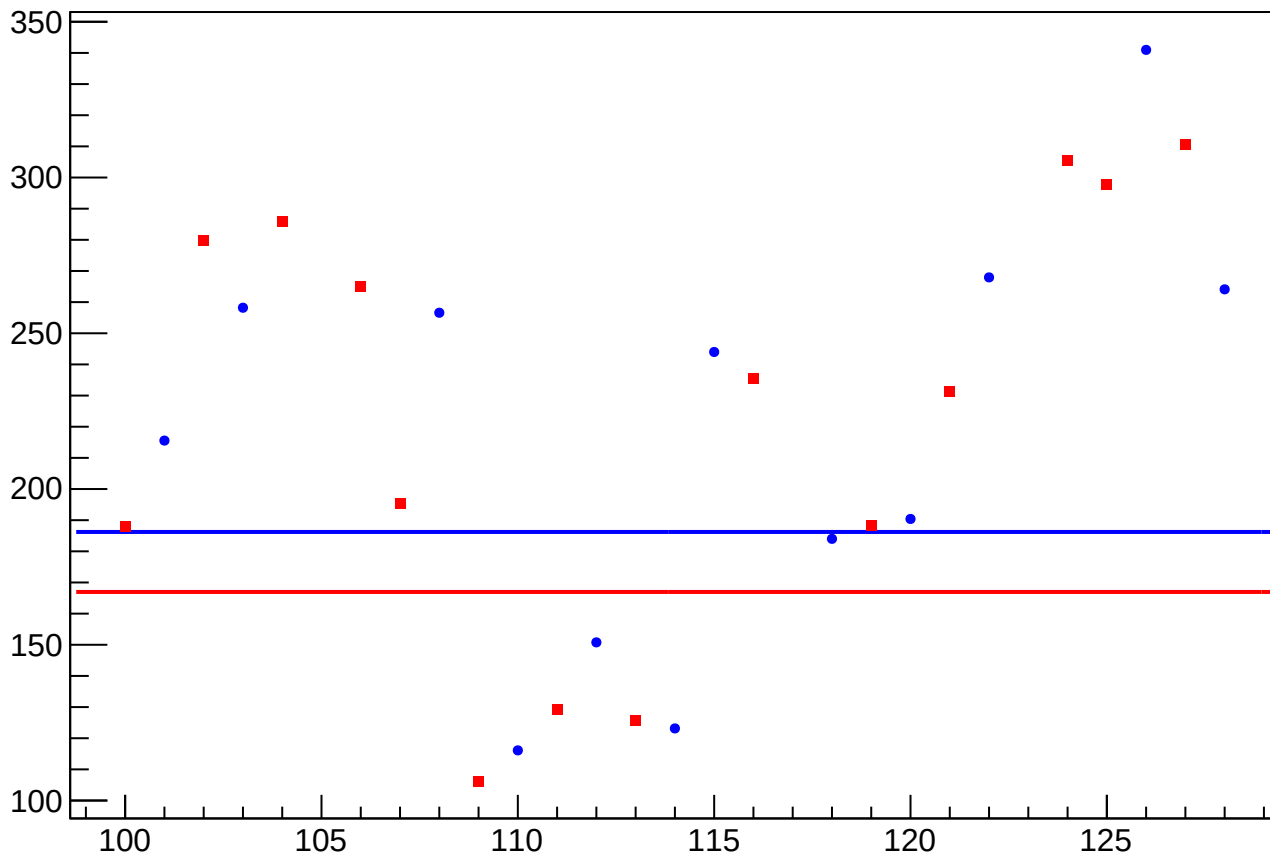
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.239+/-58.791 χ^2/NDF : 16.2/25

- 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: 186.220 ± 0.063 χ^2/NDF : 882841.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 166.961 ± 0.055 χ^2/NDF : 1461917.1/13

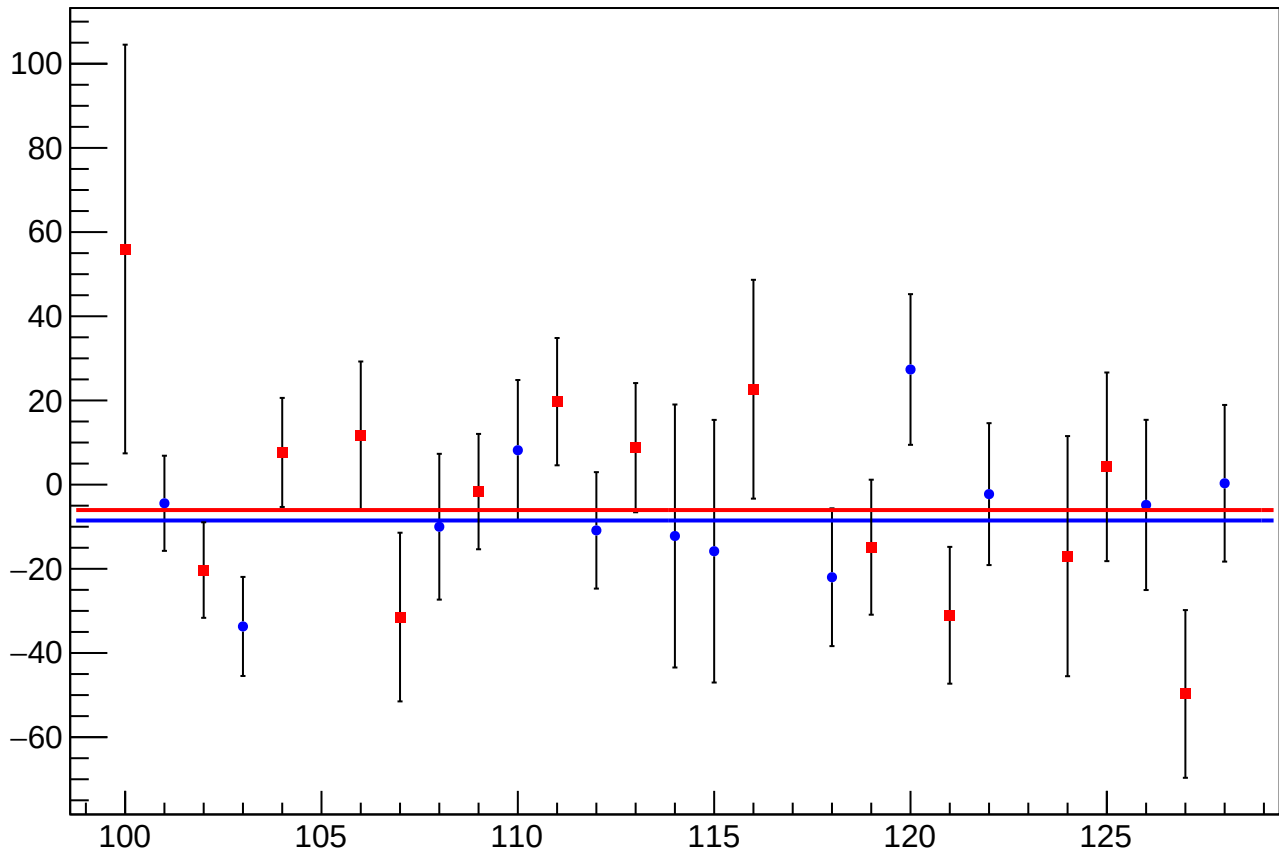
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 175.398 ± 0.042 χ^2/NDF : 2397588.1/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug



Right In: -8.520+/-4.716 χ^2/NDF : 10.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.041+/-4.532 χ^2/NDF : 19.9/13

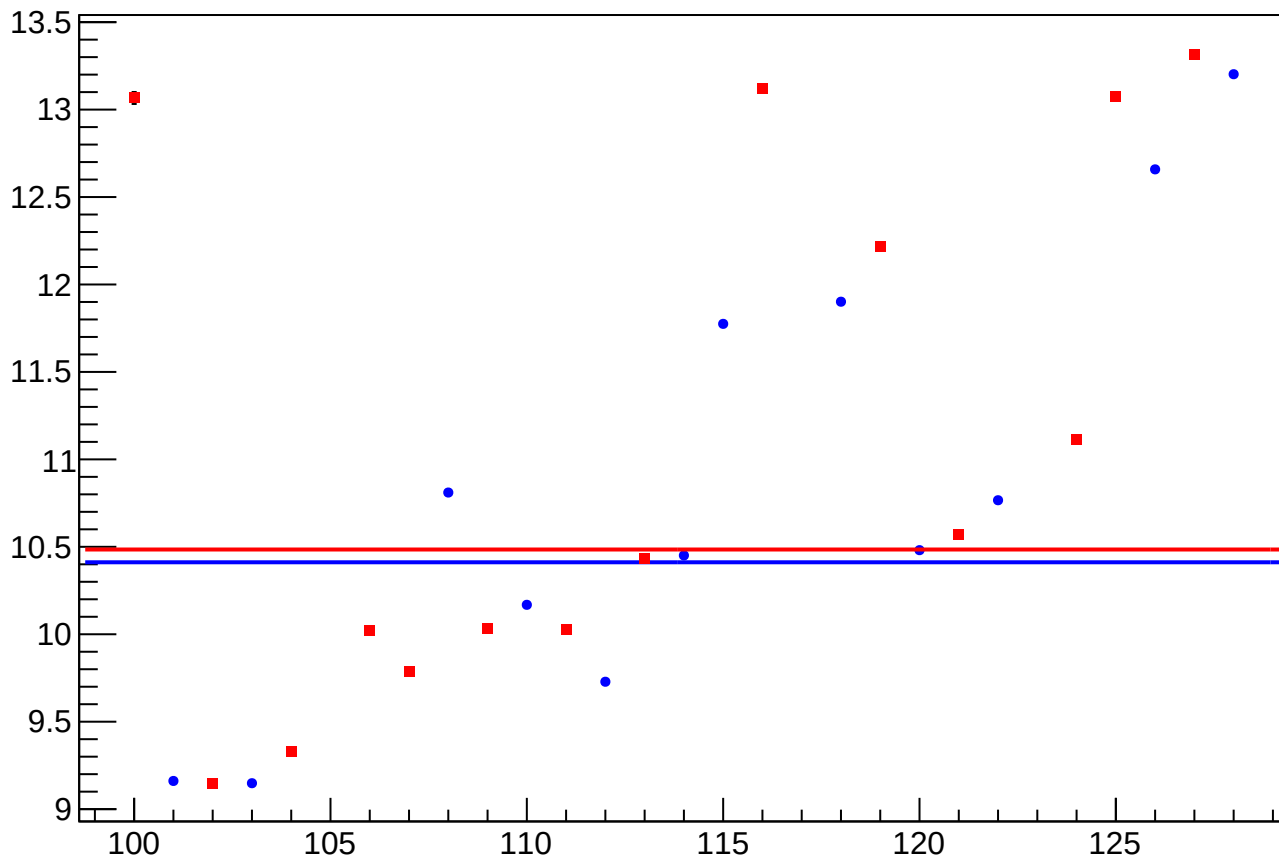
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.231+/-3.268 χ^2/NDF : 31.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug



Right In: 10.412 $\pm$ 0.003 χ^2 /NDF: 144870.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.485 $\pm$ 0.003 χ^2 /NDF: 169216.2/13

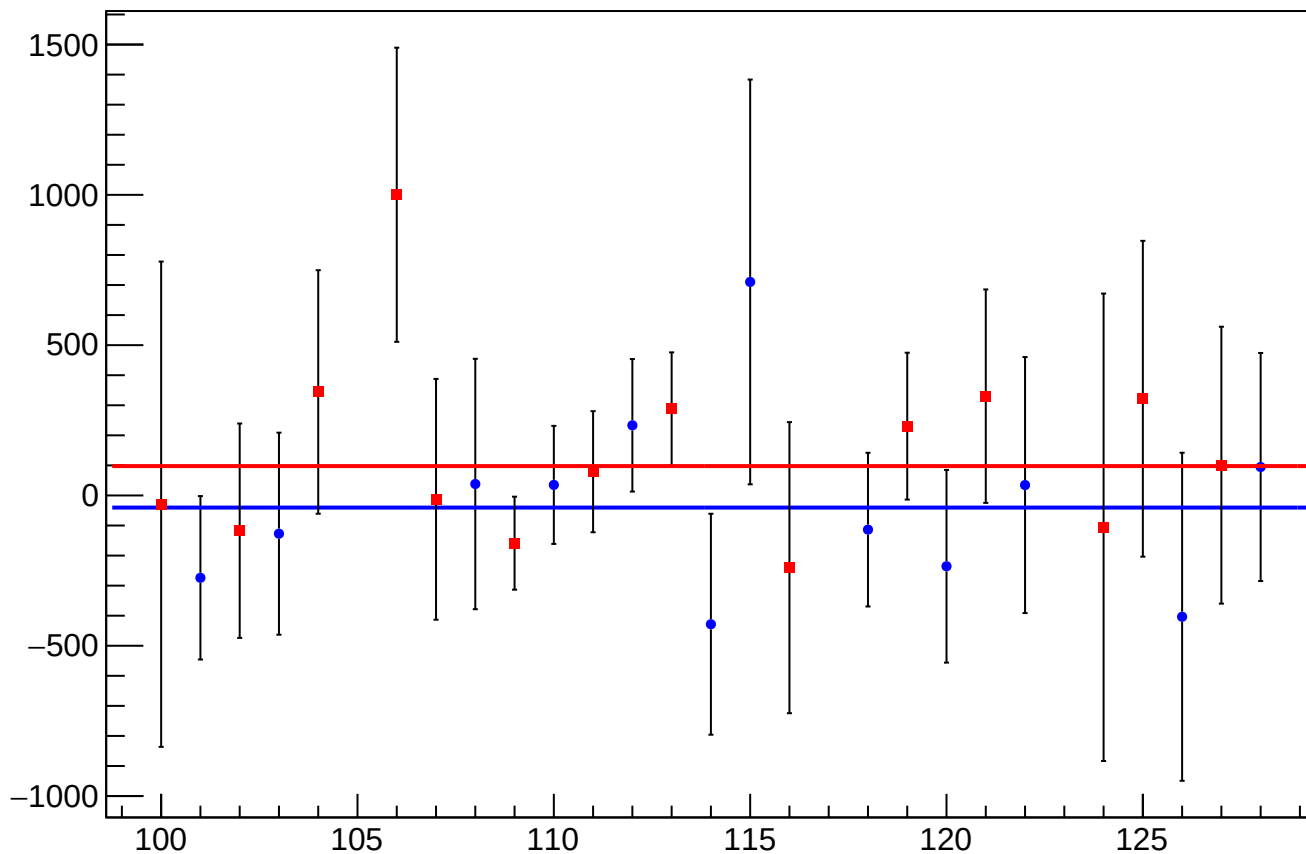
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.450 $\pm$ 0.002 χ^2 /NDF: 314336.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: -40.316+/-89.394 χ^2/NDF : 5.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.722+/-79.176 χ^2/NDF : 9.5/13

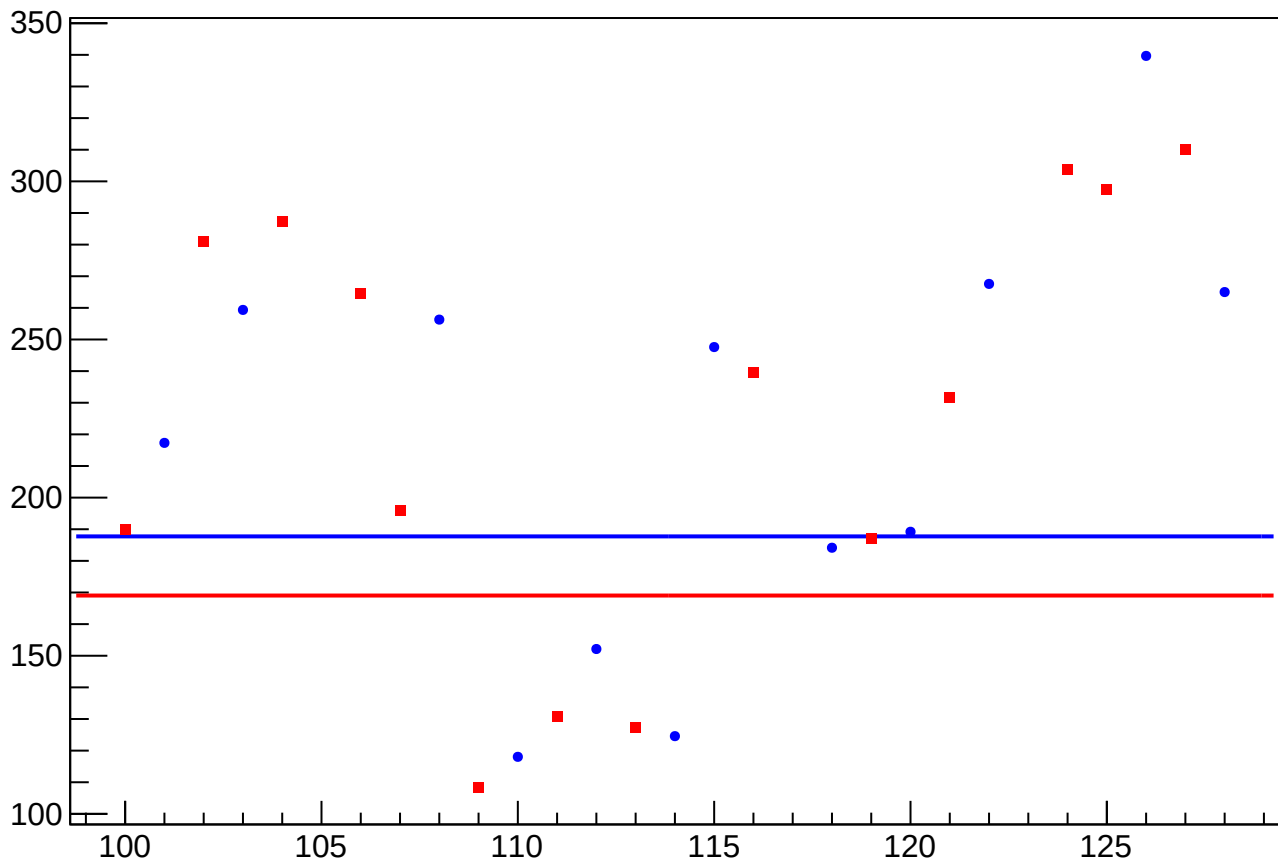
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.040+/-59.271 χ^2/NDF : 16.8/25

- 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: 187.738+/-0.063 χ^2/NDF : 856469.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

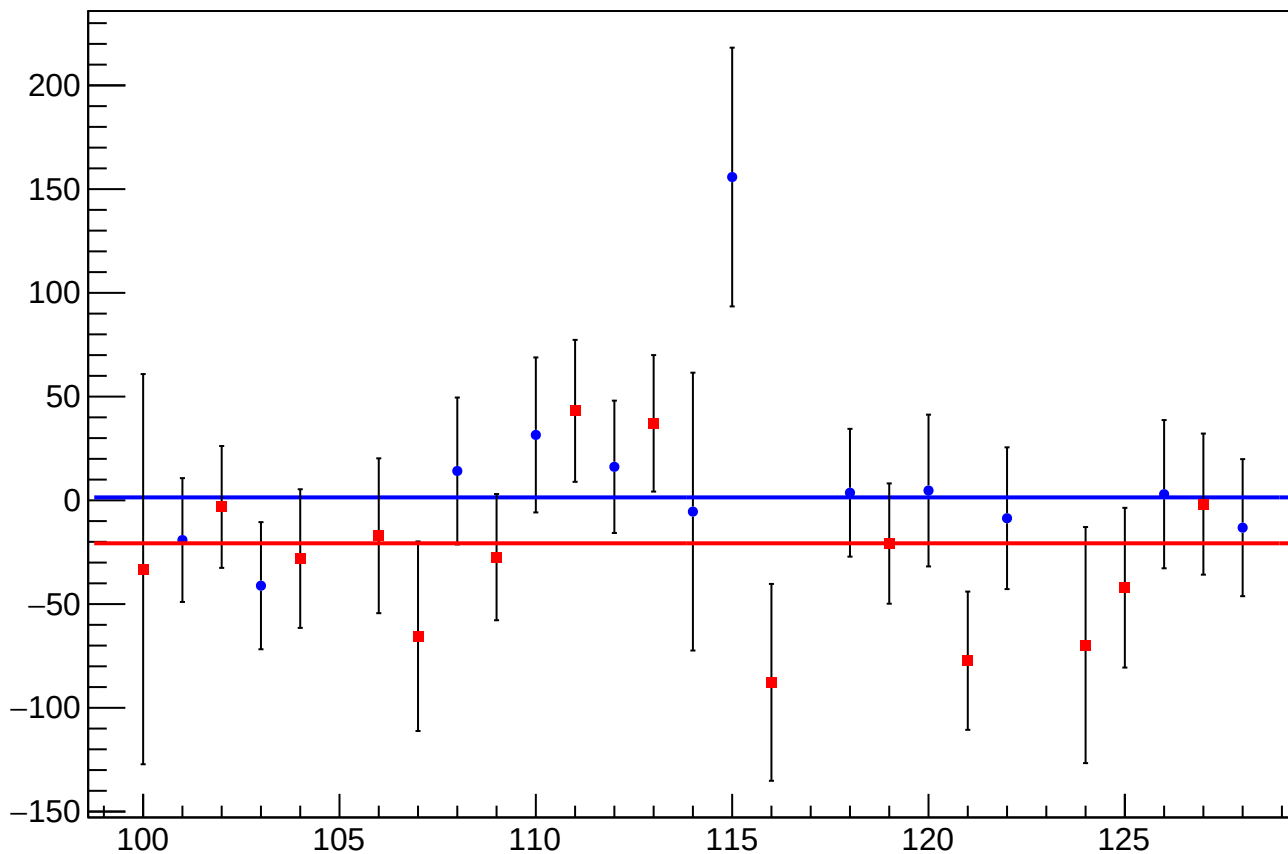
Right Out: 169.038+/-0.056 χ^2/NDF : 1416190.6/13

All: 177.259+/-0.042 χ^2/NDF : 2321705.9/25

- 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: 1.427+/-10.246 χ^2 /NDF: 9.8/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -20.697+/-9.709 χ^2 /NDF: 14.3/13

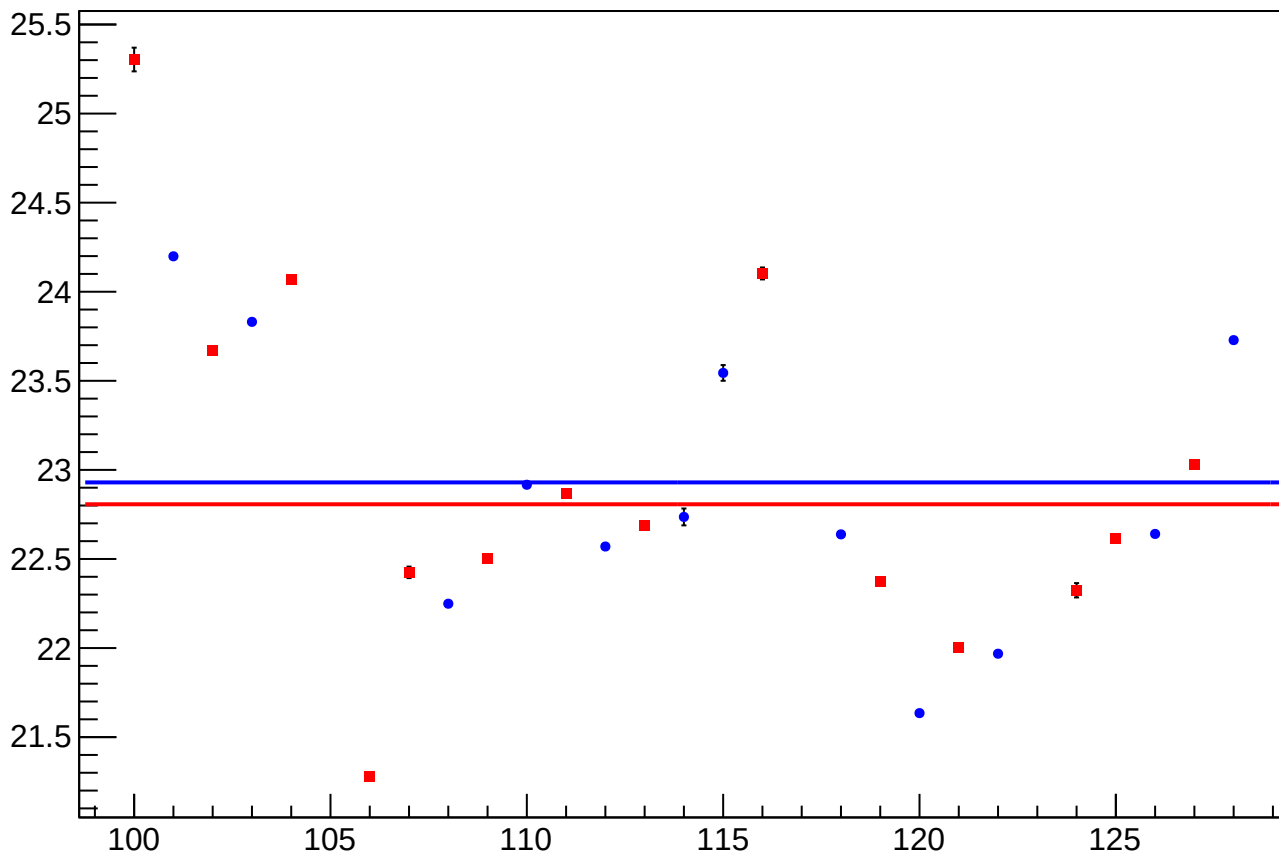
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -10.231+/-7.047 χ^2 /NDF: 26.5/25

- 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: 22.930+/-0.007 χ^2/NDF : 12125.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.807+/-0.007 χ^2/NDF : 13077.9/13

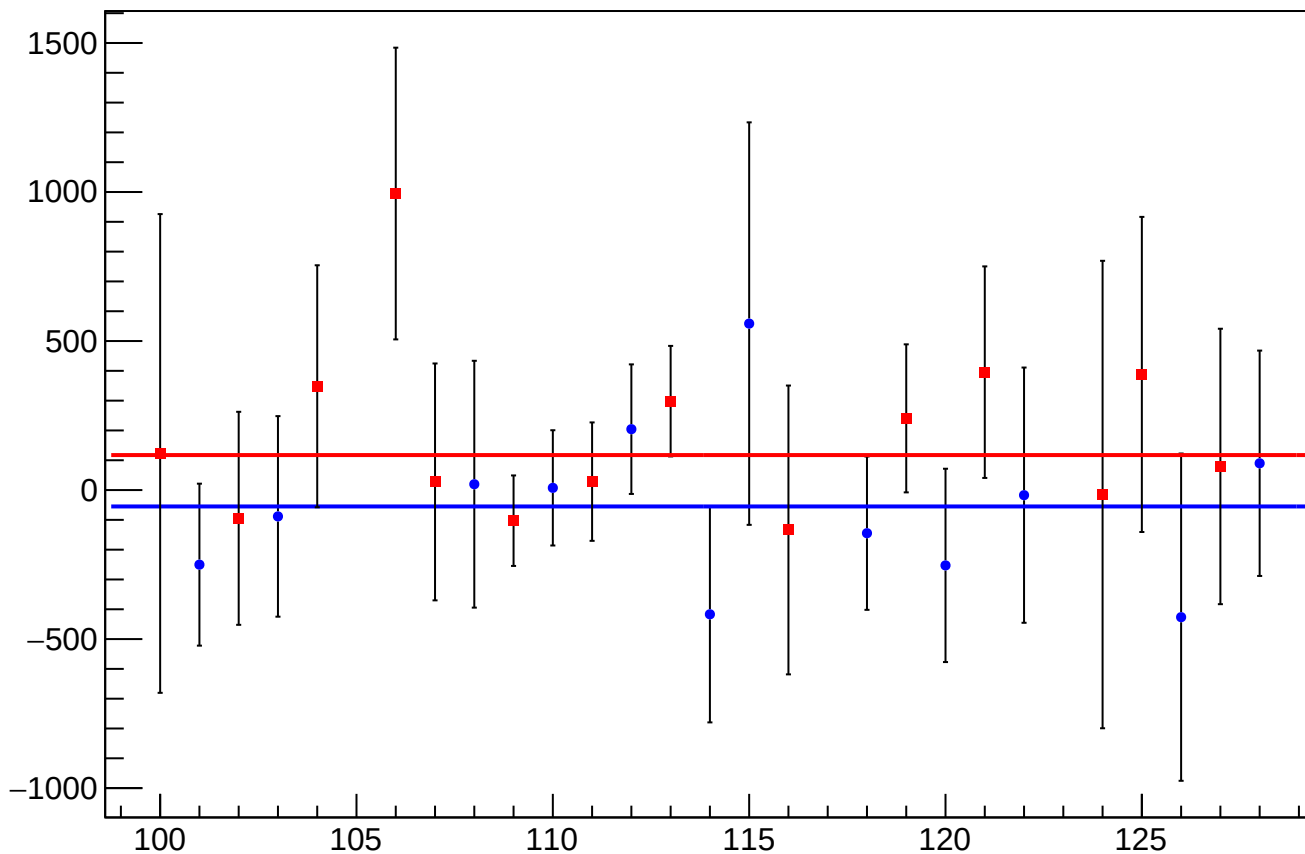
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.865+/-0.005 χ^2/NDF : 25354.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug



Right In: -55.001 ± 88.981 χ^2/NDF : 5.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 117.397 ± 78.553 χ^2/NDF : 8.6/13

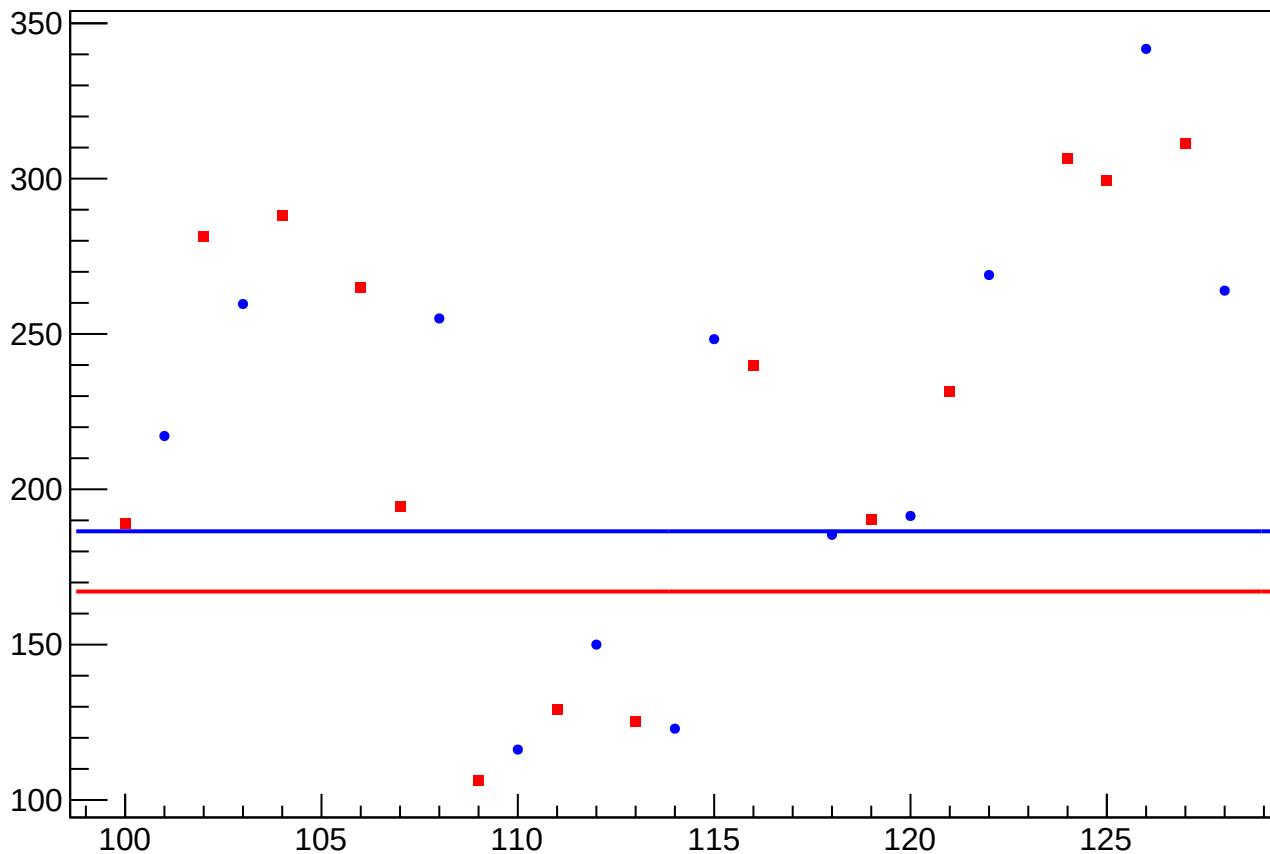
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 41.888 ± 58.889 χ^2/NDF : 15.7/25

- 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: 186.484+/-0.063 χ^2/NDF : 891924.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.104+/-0.056 χ^2/NDF : 1480484.1/13

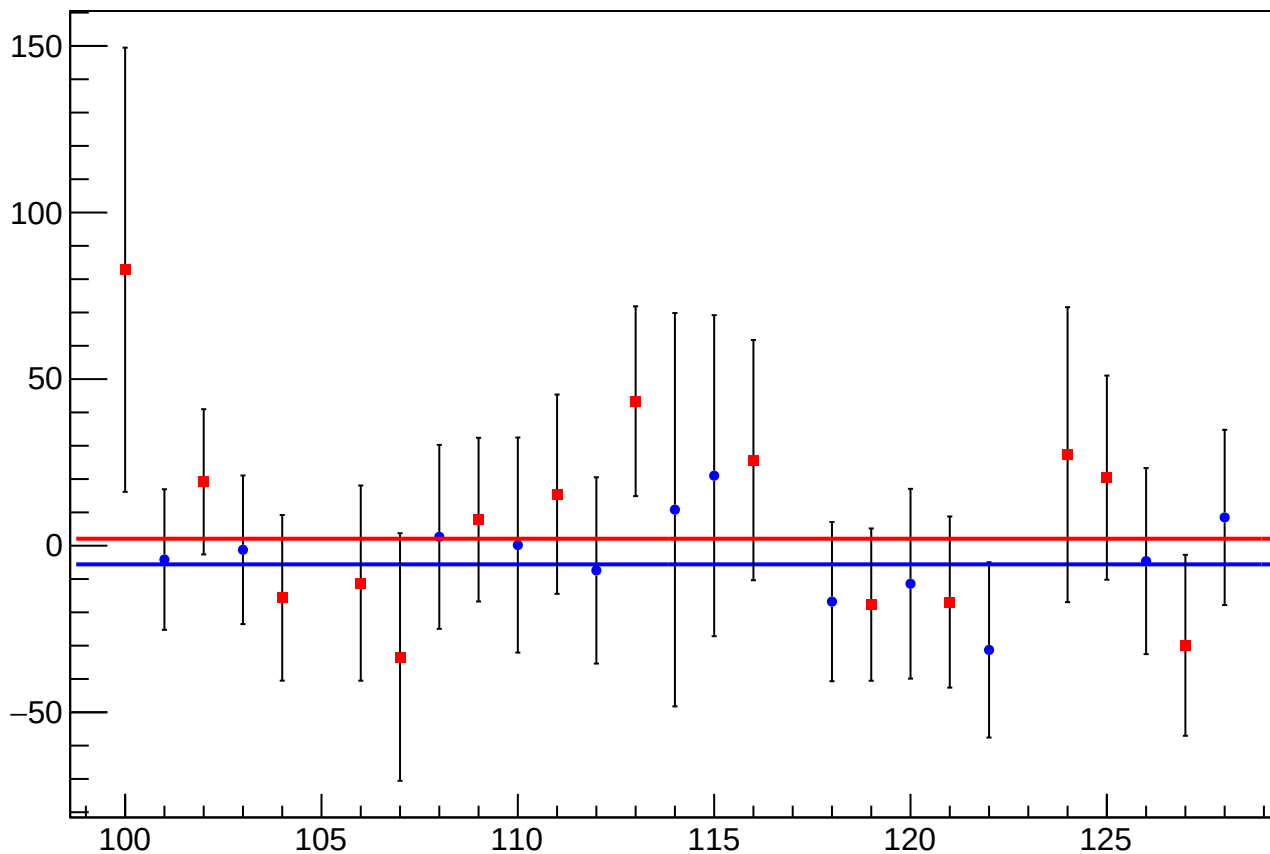
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.592+/-0.042 χ^2/NDF : 2425724.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug



Right In: -5.599 $\pm$ 7.985 χ^2 /NDF: 2.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.096 $\pm$ 7.675 χ^2 /NDF: 9.9/13

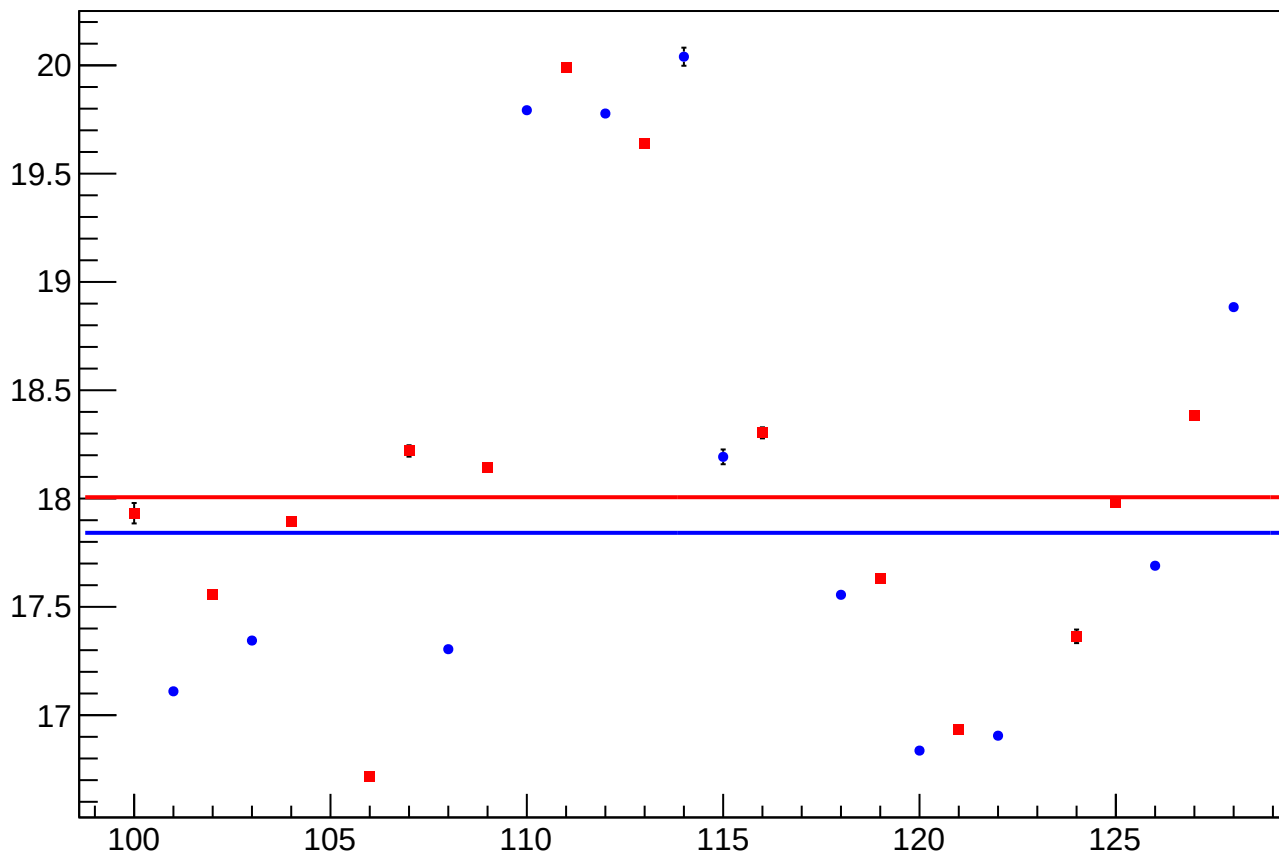
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.599 $\pm$ 5.533 χ^2 /NDF: 12.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug



Right In: 17.842+/-0.006 χ^2/NDF : 32440.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.006+/-0.005 χ^2/NDF : 25220.9/13

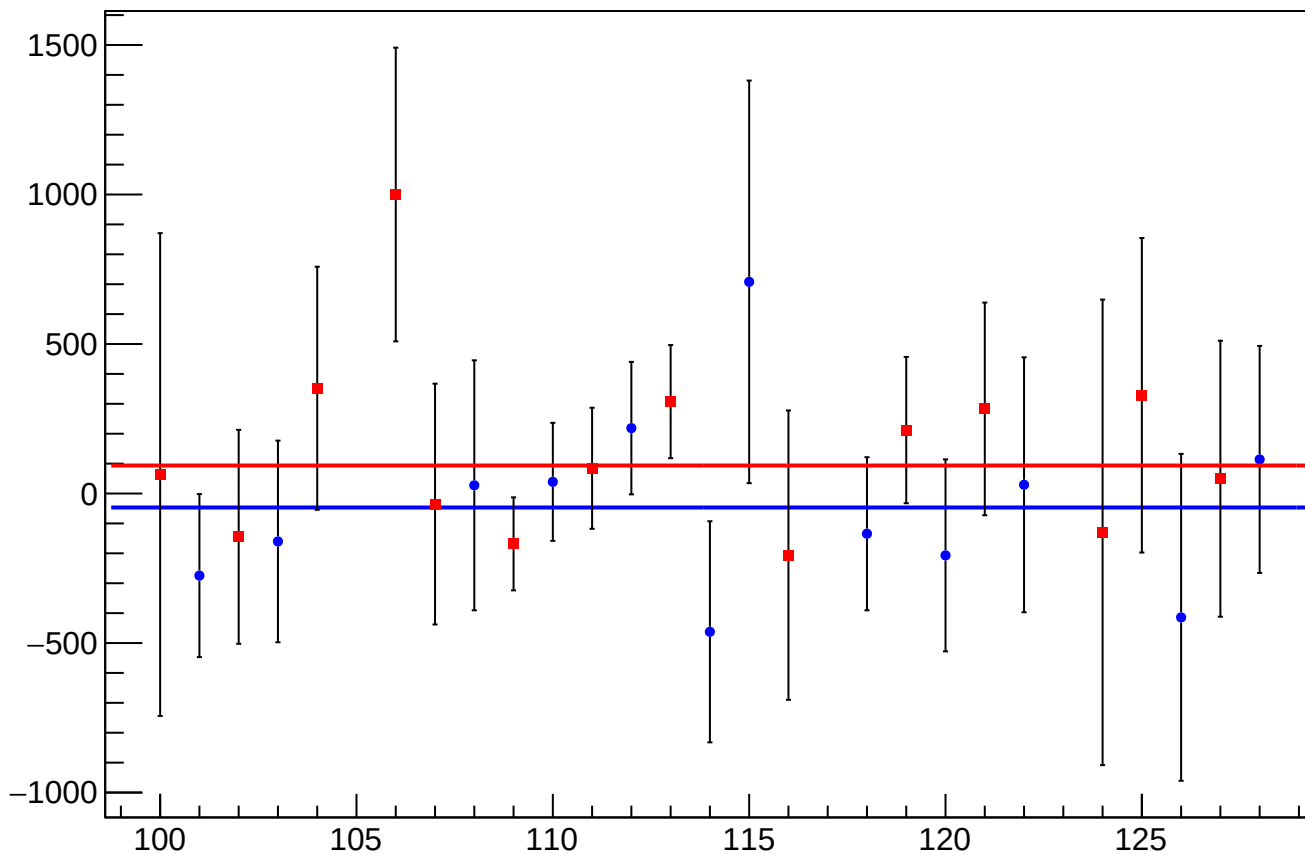
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.927+/-0.004 χ^2/NDF : 58102.5/25

- 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: -46.676 $\pm$ 89.696 χ^2 /NDF: 6.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 93.657 $\pm$ 79.495 χ^2 /NDF: 9.7/13

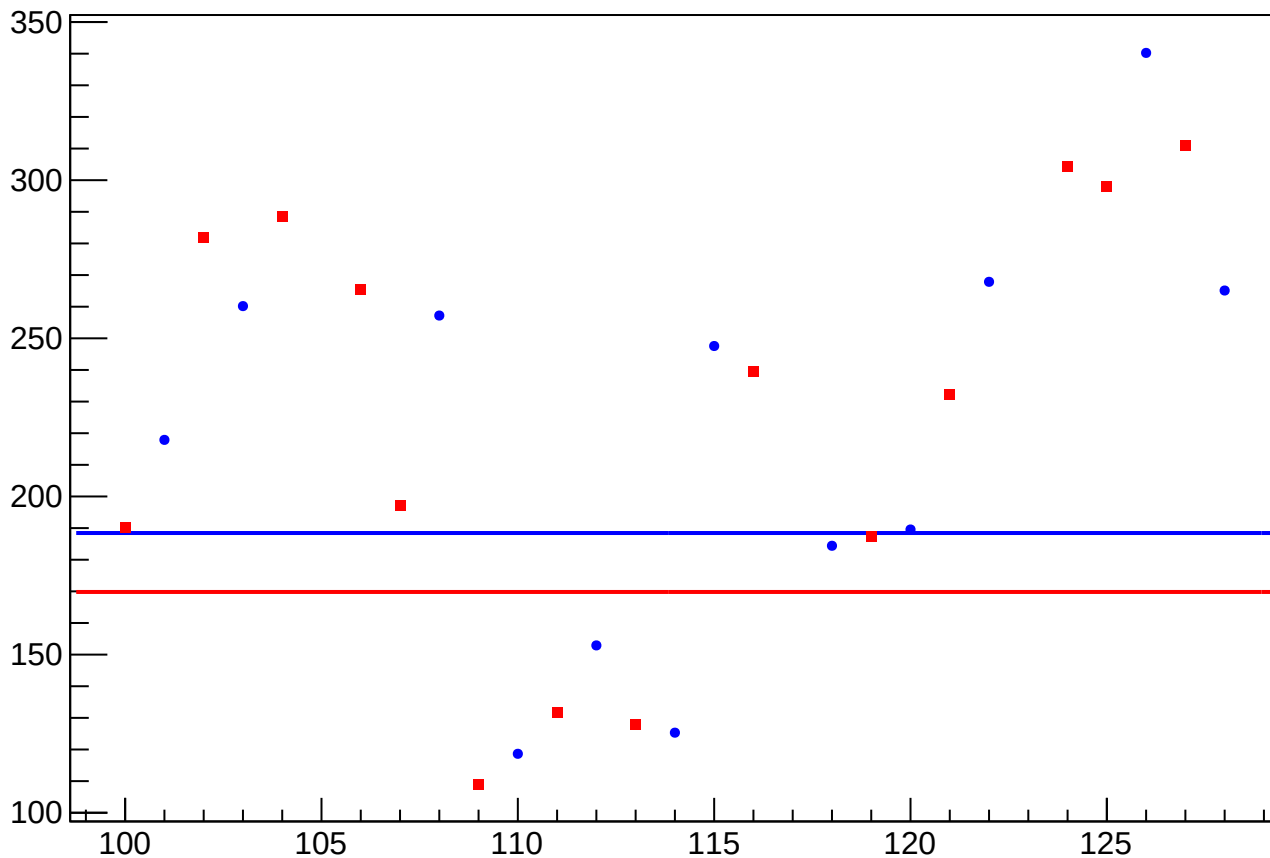
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 31.921 $\pm$ 59.493 χ^2 /NDF: 17.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug



Right In: 188.445+/-0.063 χ^2/NDF : 849148.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.808+/-0.056 χ^2/NDF : 1406992.8/13

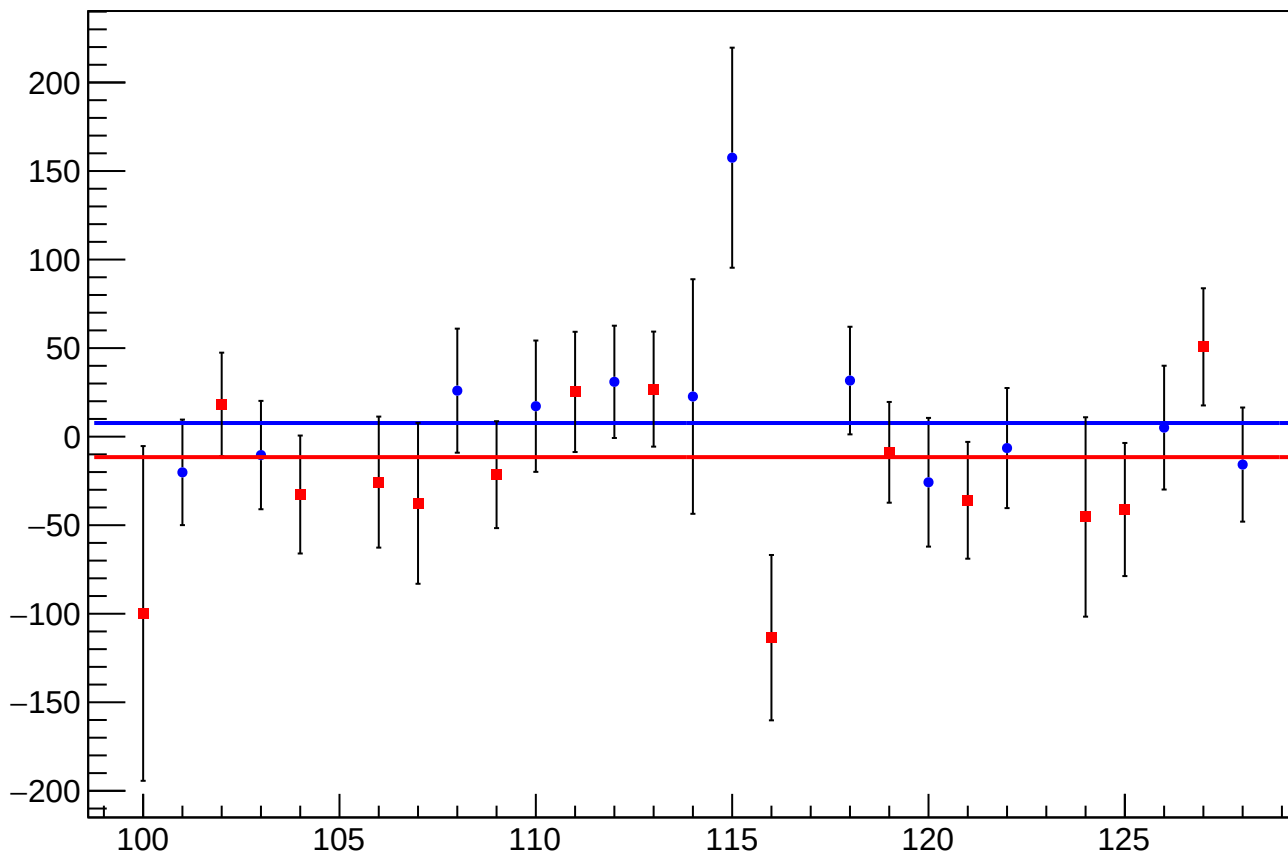
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.007+/-0.042 χ^2/NDF : 2304501.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug



Right In: 7.703 $\pm$ 10.148 χ^2/NDF : 10.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -11.559 $\pm$ 9.593 χ^2/NDF : 15.3/13

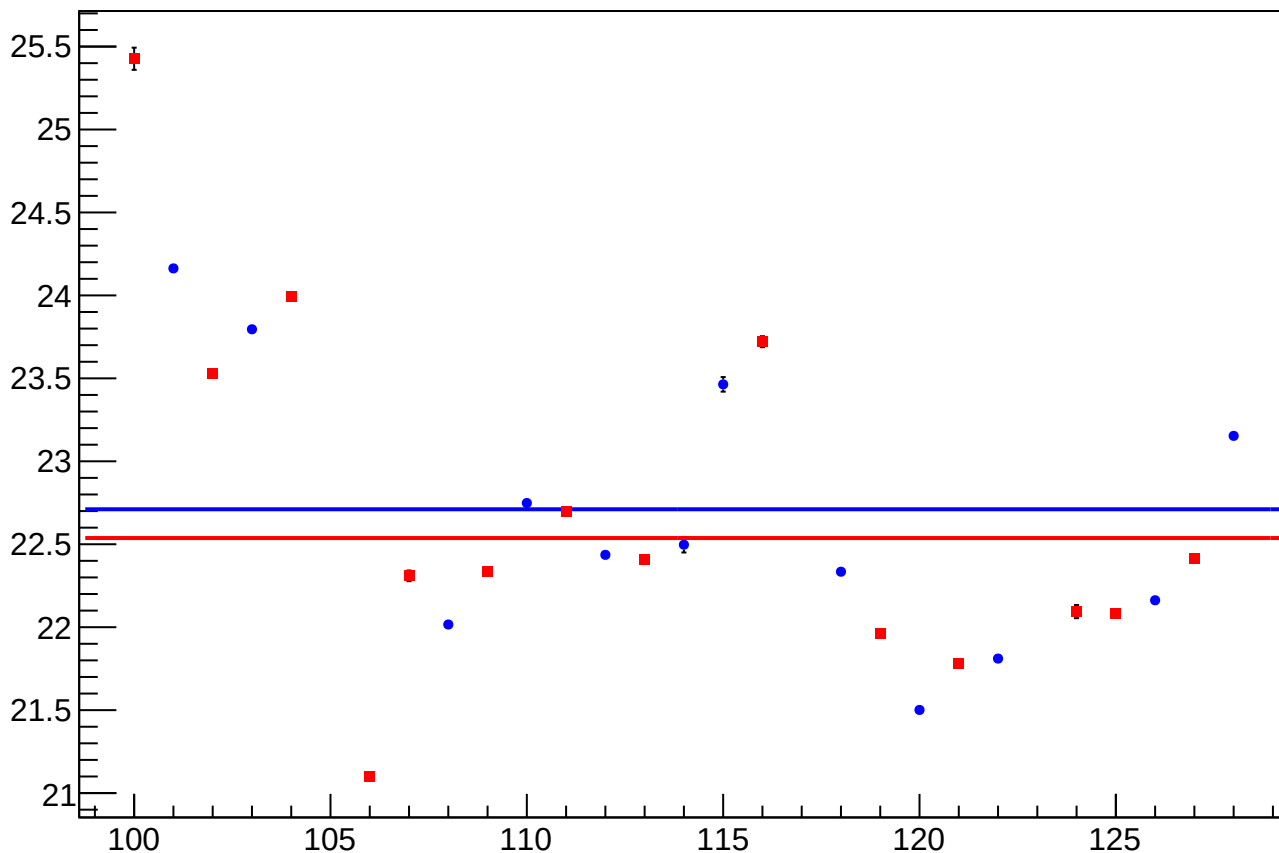
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -2.469 $\pm$ 6.971 χ^2/NDF : 27.4/25

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug



Right In: 22.711+/-0.007 χ^2/NDF : 13319.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.537+/-0.007 χ^2/NDF : 14824.3/13

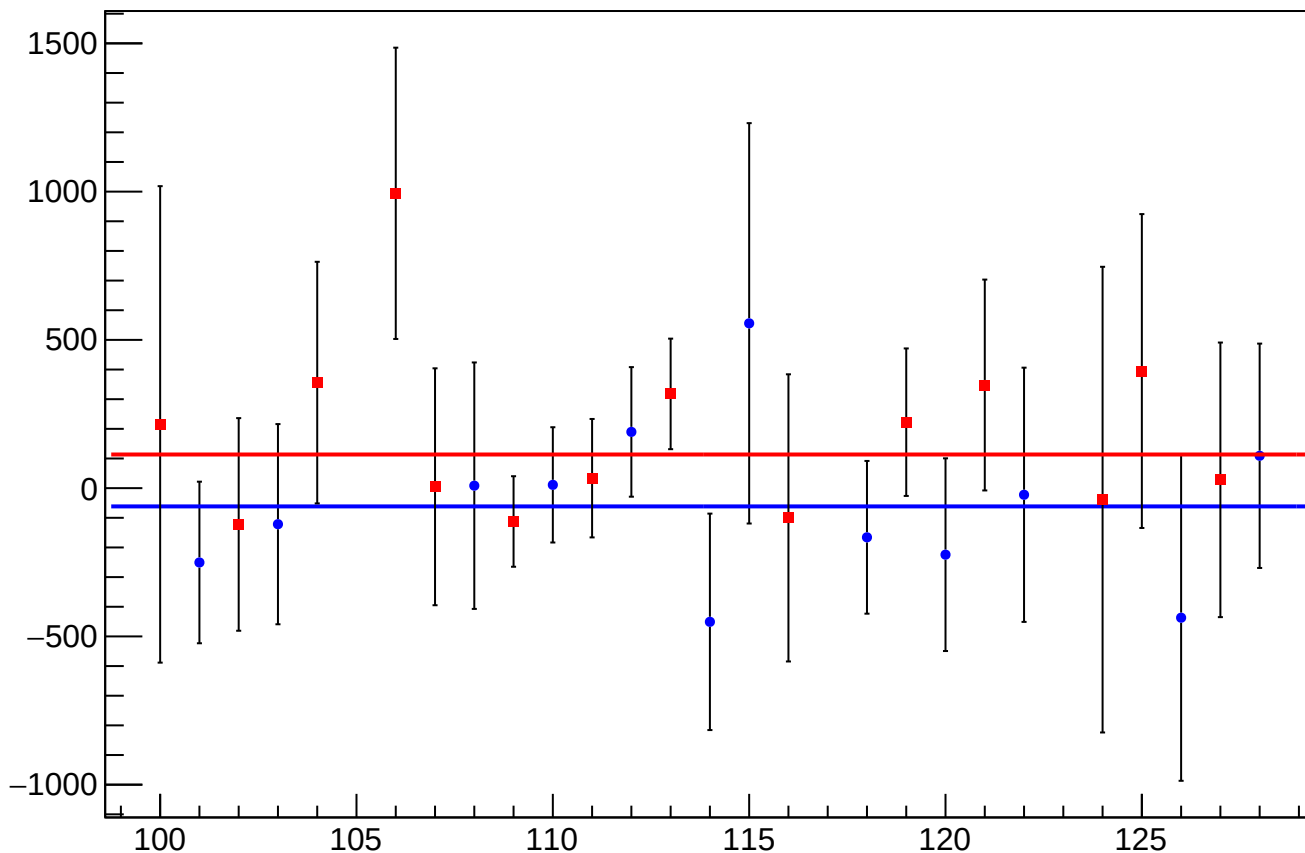
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.619+/-0.005 χ^2/NDF : 28451.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug



Right In: -61.563+/-89.287 χ^2/NDF : 5.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.486+/-78.876 χ^2/NDF : 8.8/13

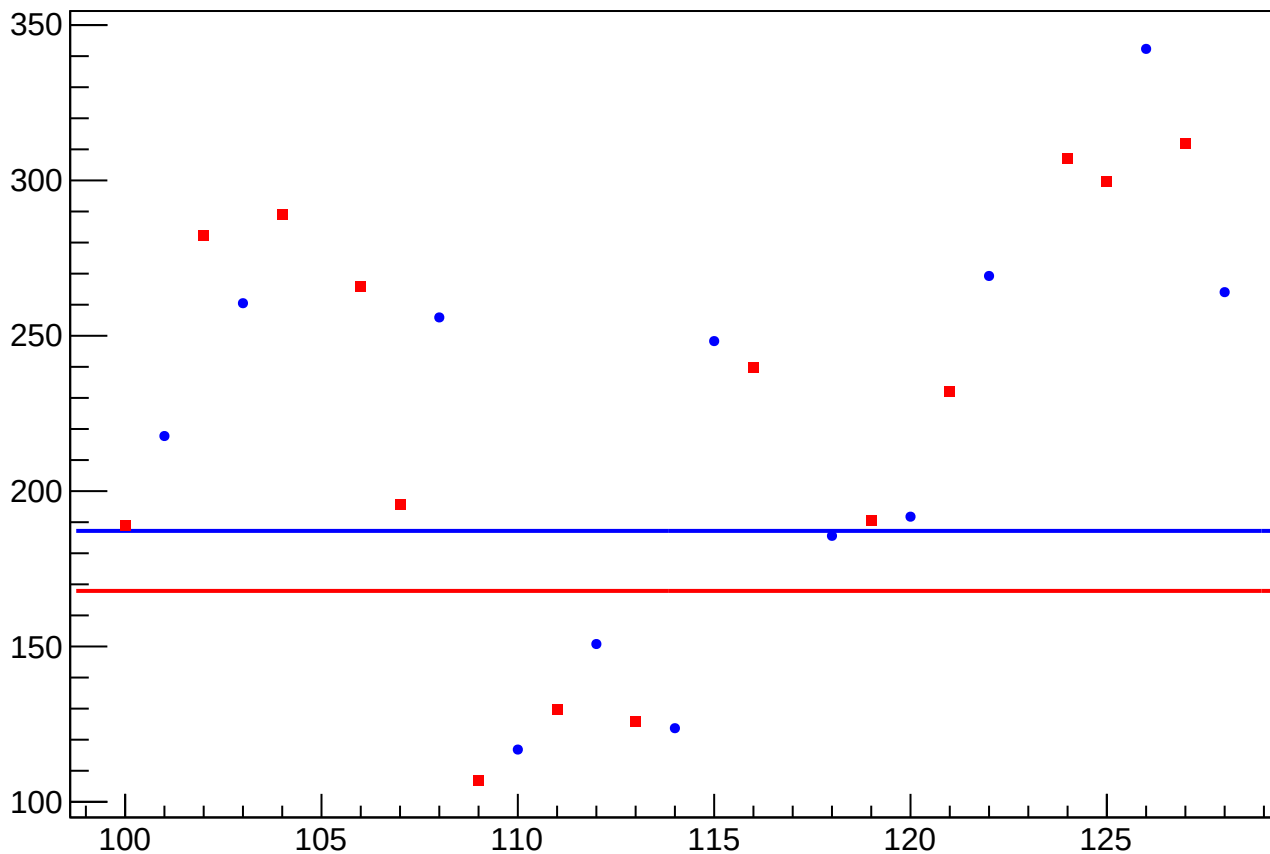
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.757+/-59.114 χ^2/NDF : 16.0/25

- 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: 187.201+/-0.063 χ^2/NDF : 884090.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

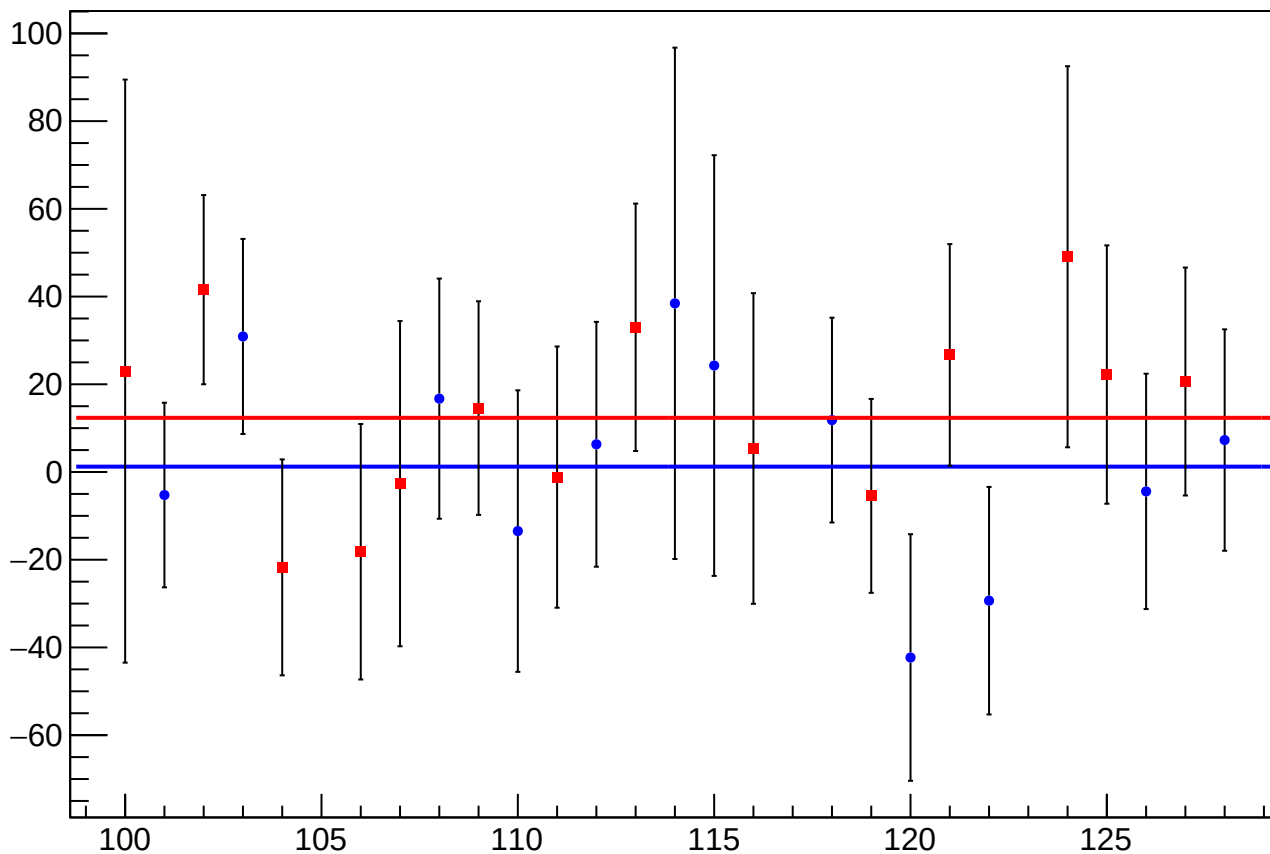
Right Out: 167.886+/-0.056 χ^2/NDF : 1470711.2/13

All: 176.352+/-0.042 χ^2/NDF : 2407372.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug



Right In: 1.222 $\pm$ 7.871 χ^2 /NDF: 7.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 12.356 $\pm$ 7.543 χ^2 /NDF: 7.7/13

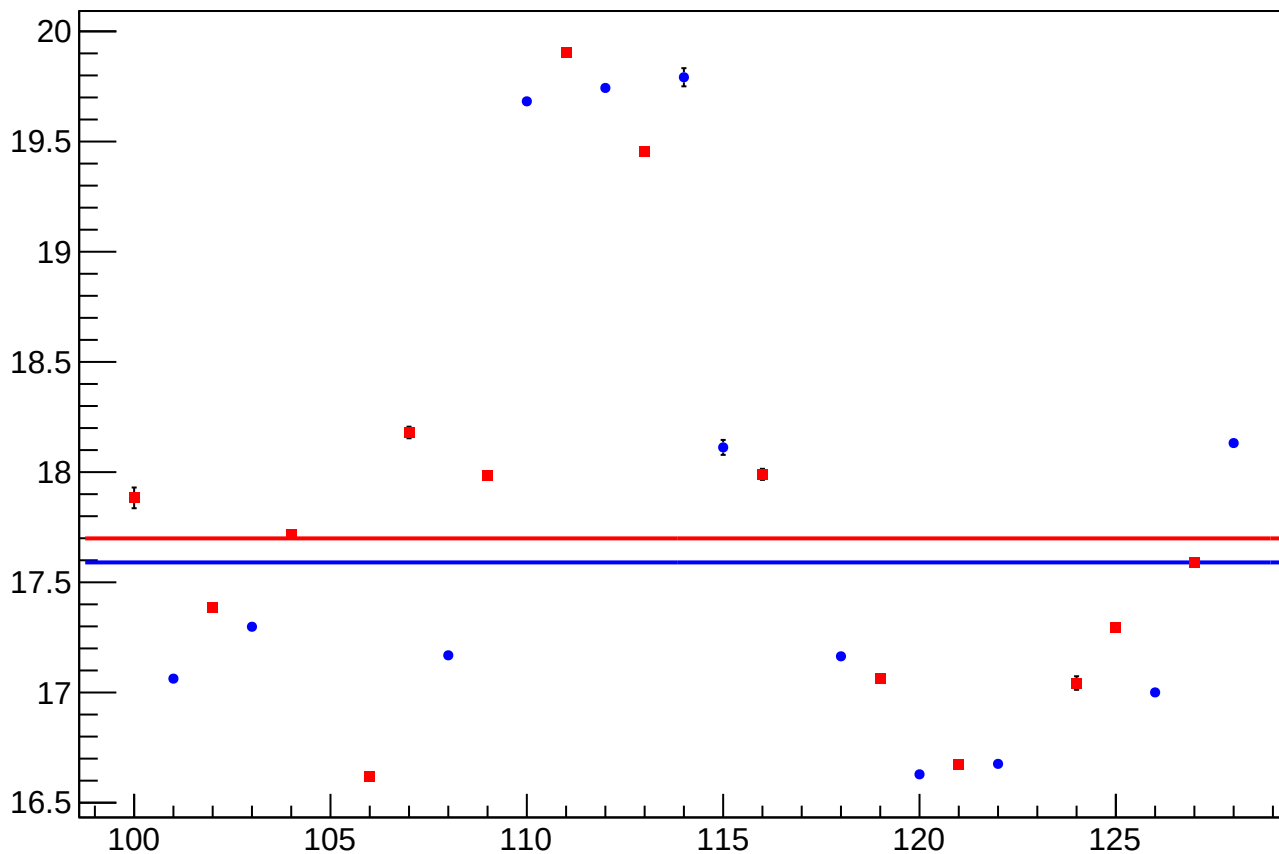
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.025 $\pm$ 5.446 χ^2 /NDF: 15.9/25

- 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: 17.590+/-0.006 χ^2/NDF : 32938.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.699+/-0.005 χ^2/NDF : 28456.3/13

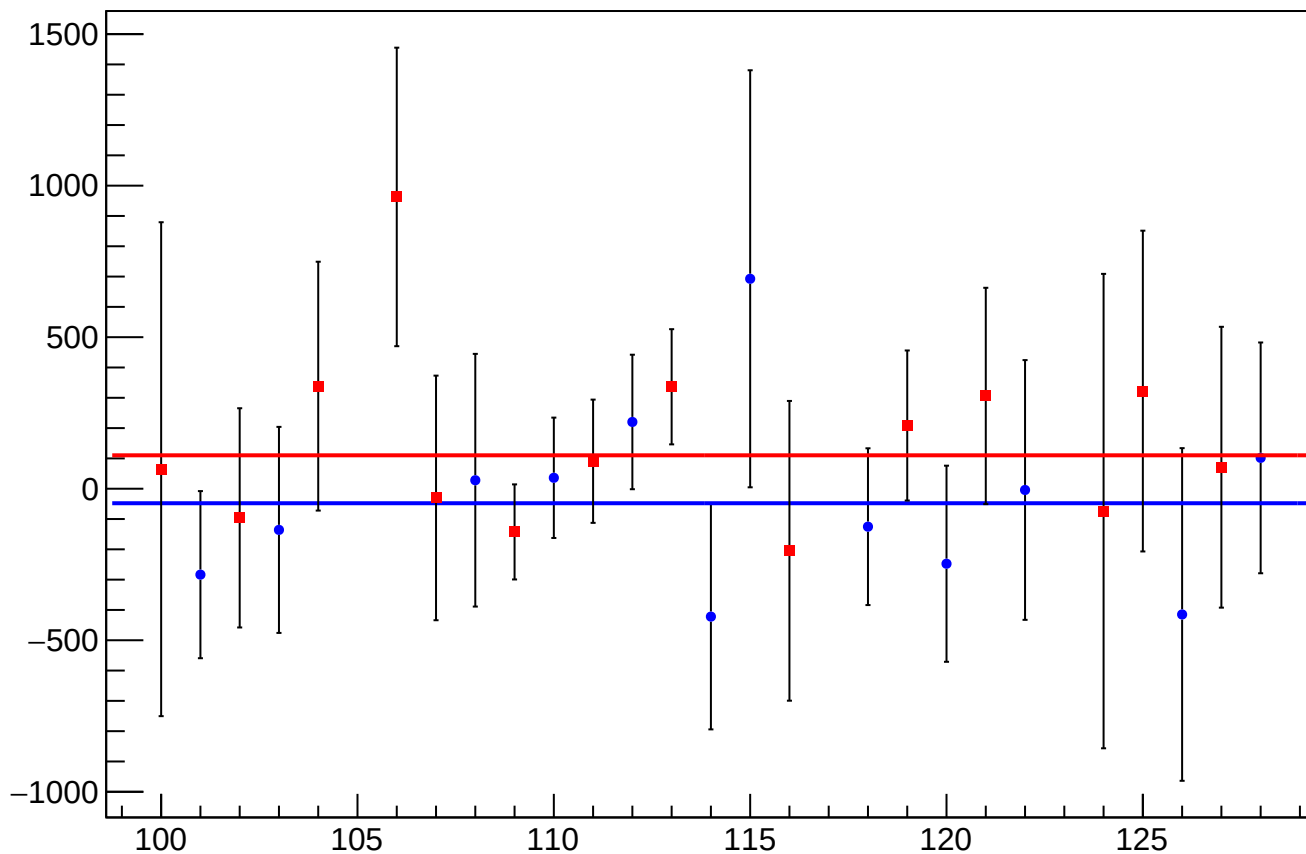
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.647+/-0.004 χ^2/NDF : 61594.9/25

- 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: -47.893+/-90.266 χ^2/NDF : 5.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.250+/-80.069 χ^2/NDF : 8.9/13

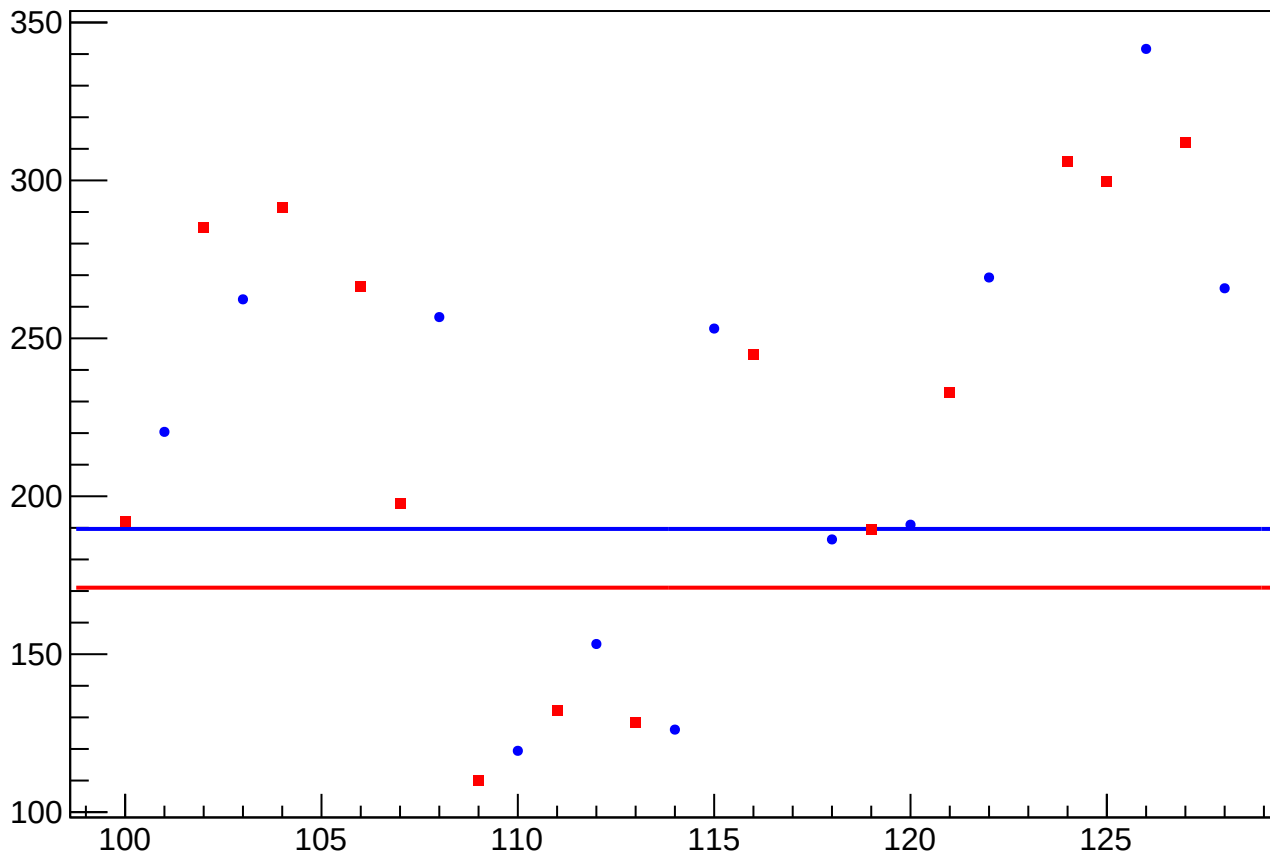
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.612+/-59.899 χ^2/NDF : 16.3/25

- 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: 189.661+/-0.064 χ^2/NDF : 850383.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.065+/-0.057 χ^2/NDF : 1410116.1/13

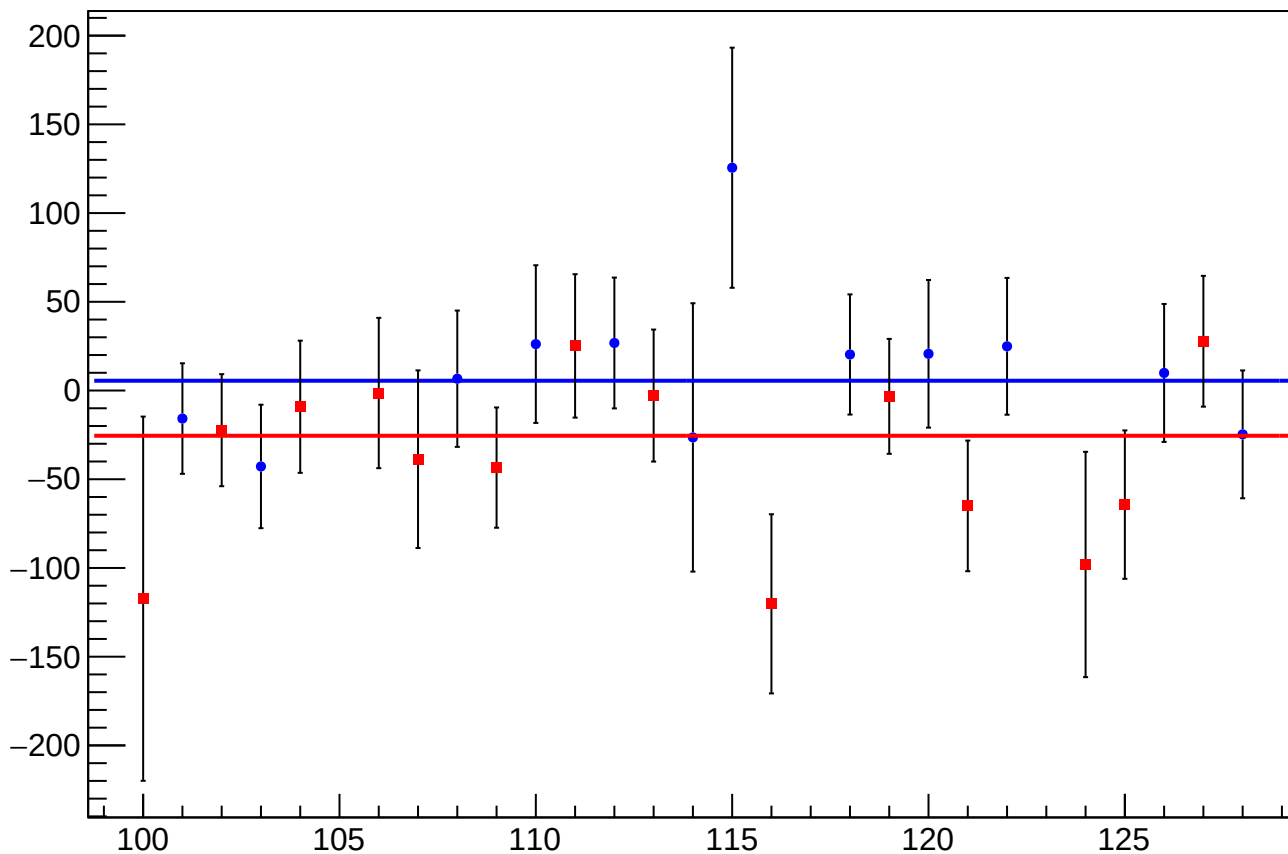
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.254+/-0.042 χ^2/NDF : 2308004.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 5.516 $\pm$ 11.378 χ^2 /NDF: 7.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -25.496 $\pm$ 10.770 χ^2 /NDF: 13.0/13

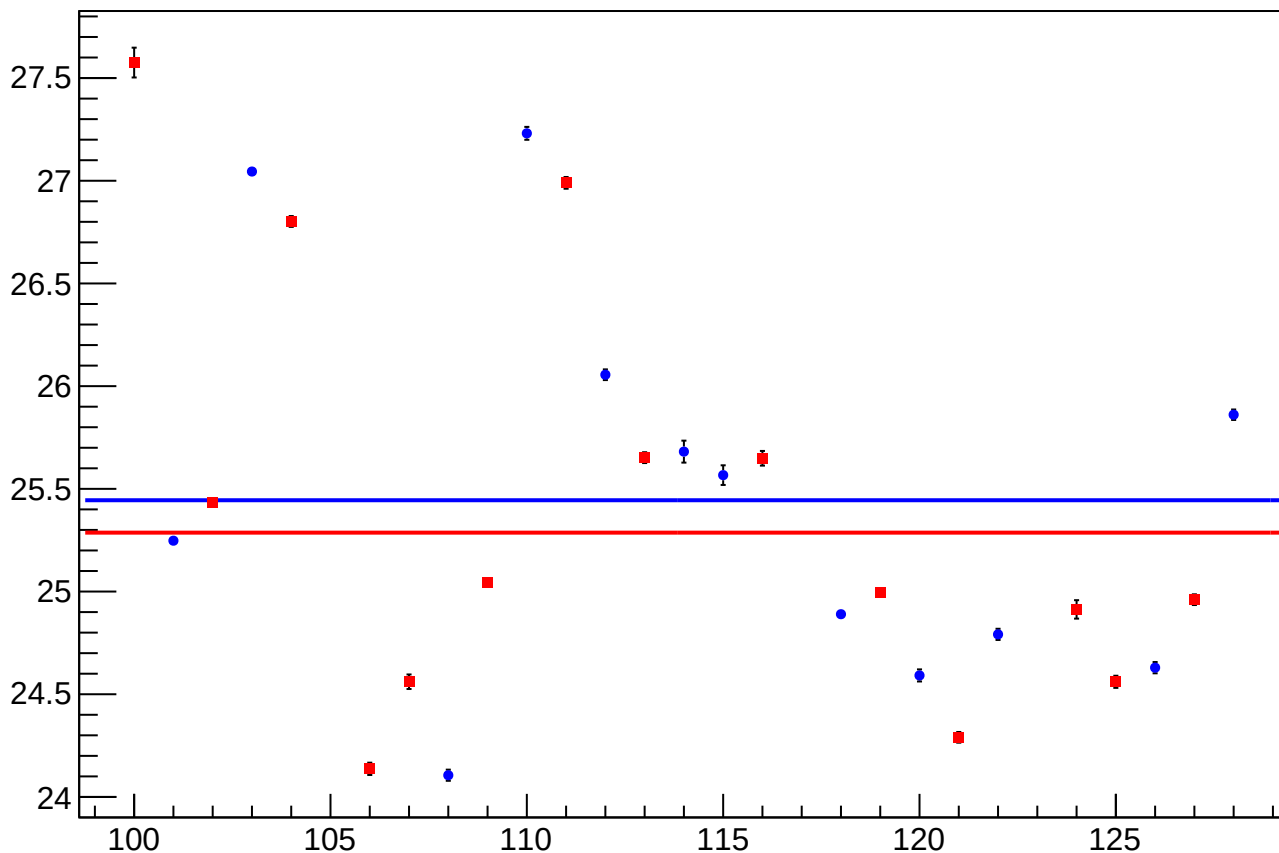
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.840 $\pm$ 7.822 χ^2 /NDF: 24.5/25

- 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: 25.445+/-0.008 χ^2/NDF : 13646.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.287+/-0.008 χ^2/NDF : 12649.0/13

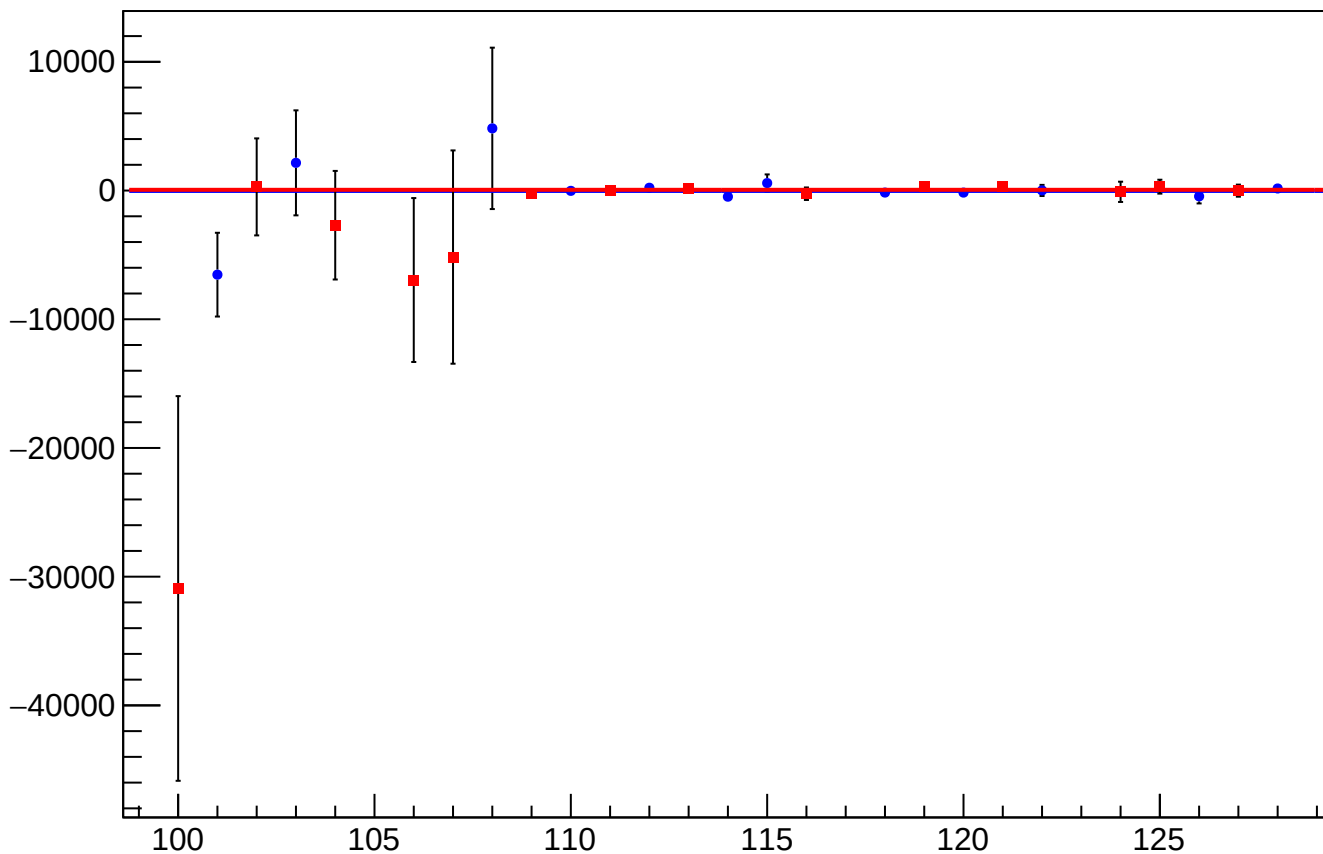
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.361+/-0.006 χ^2/NDF : 26498.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug



Right In: -29.834+/-101.819 χ^2/NDF : 9.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.146+/-93.797 χ^2/NDF : 10.3/13

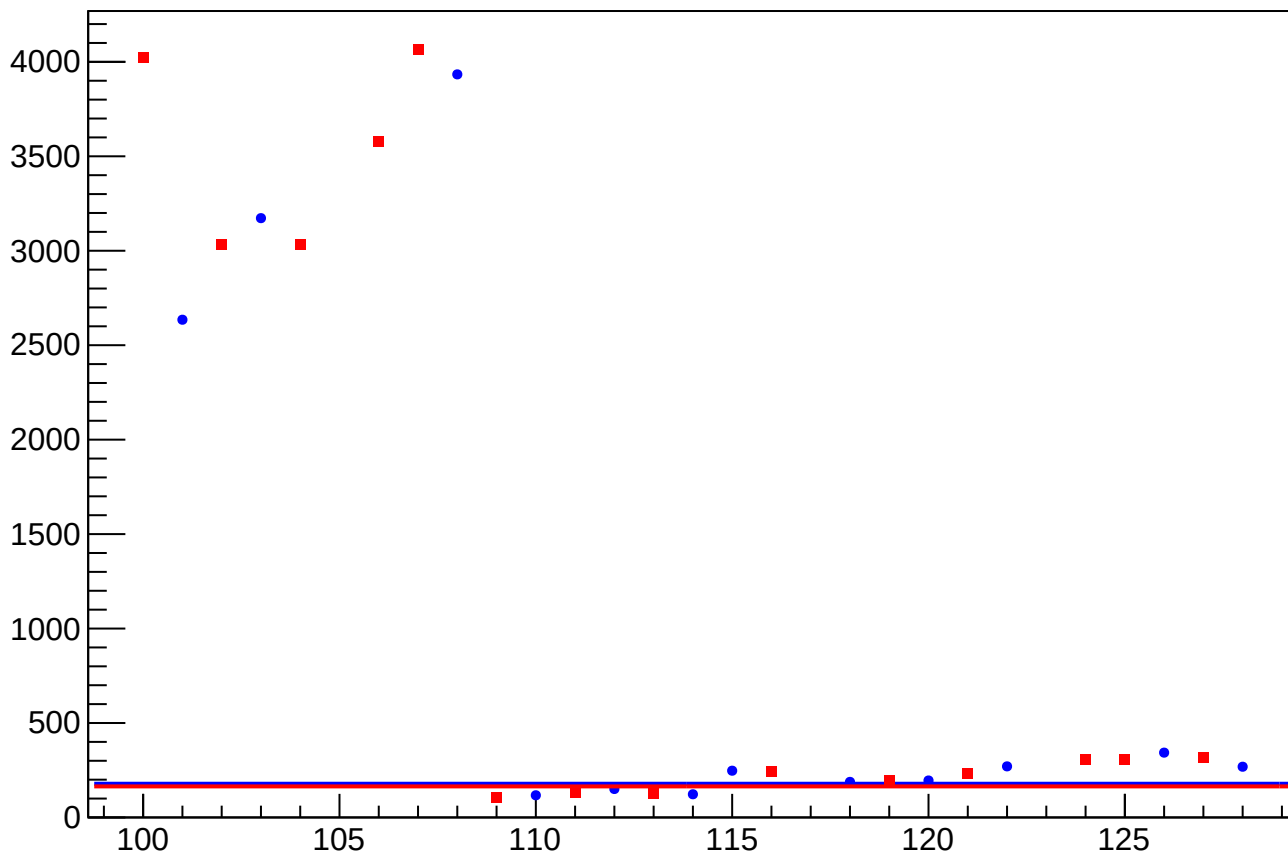
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.217+/-68.986 χ^2/NDF : 20.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug



Right In: 178.445+/-0.072 χ^2/NDF : 3618831.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 164.377+/-0.066 χ^2/NDF : 4098061.8/13

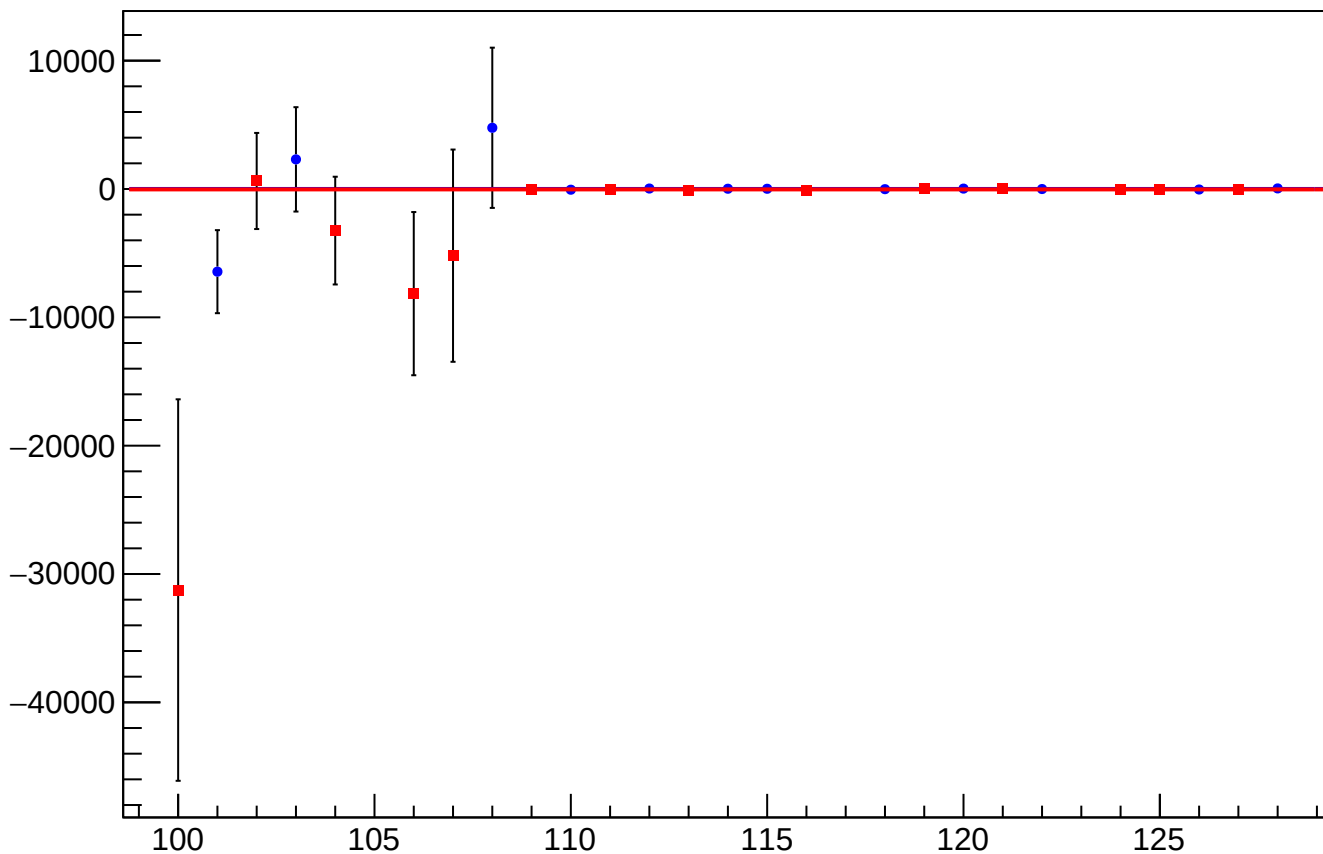
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.835+/-0.049 χ^2/NDF : 7737544.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug



Right In: 2.825+/-15.069 χ^2/NDF : 10.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.490+/-14.981 χ^2/NDF : 19.8/13

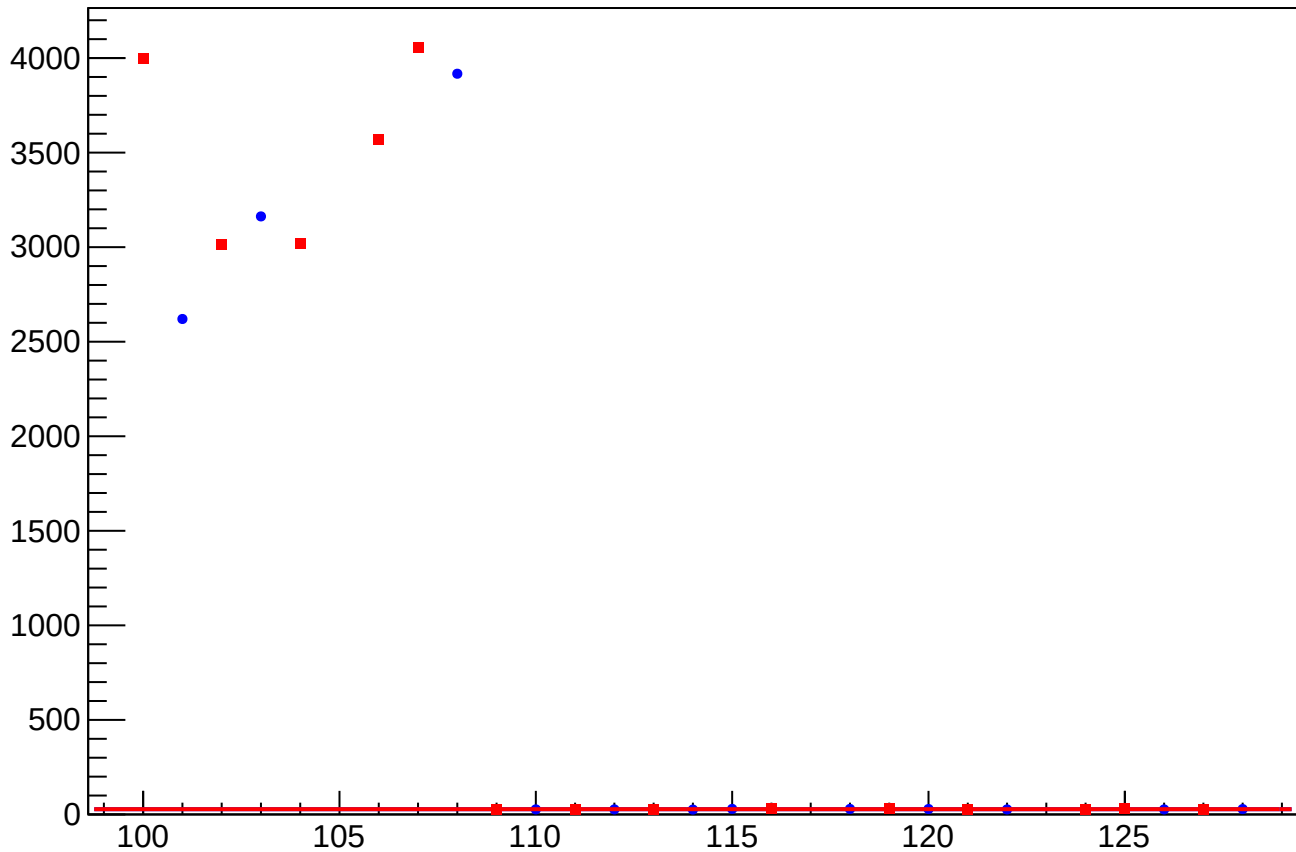
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.433+/-10.624 χ^2/NDF : 32.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug



Right In: 27.673+/-0.011 χ^2/NDF : 3260347.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.847+/-0.011 χ^2/NDF : 3551583.0/13

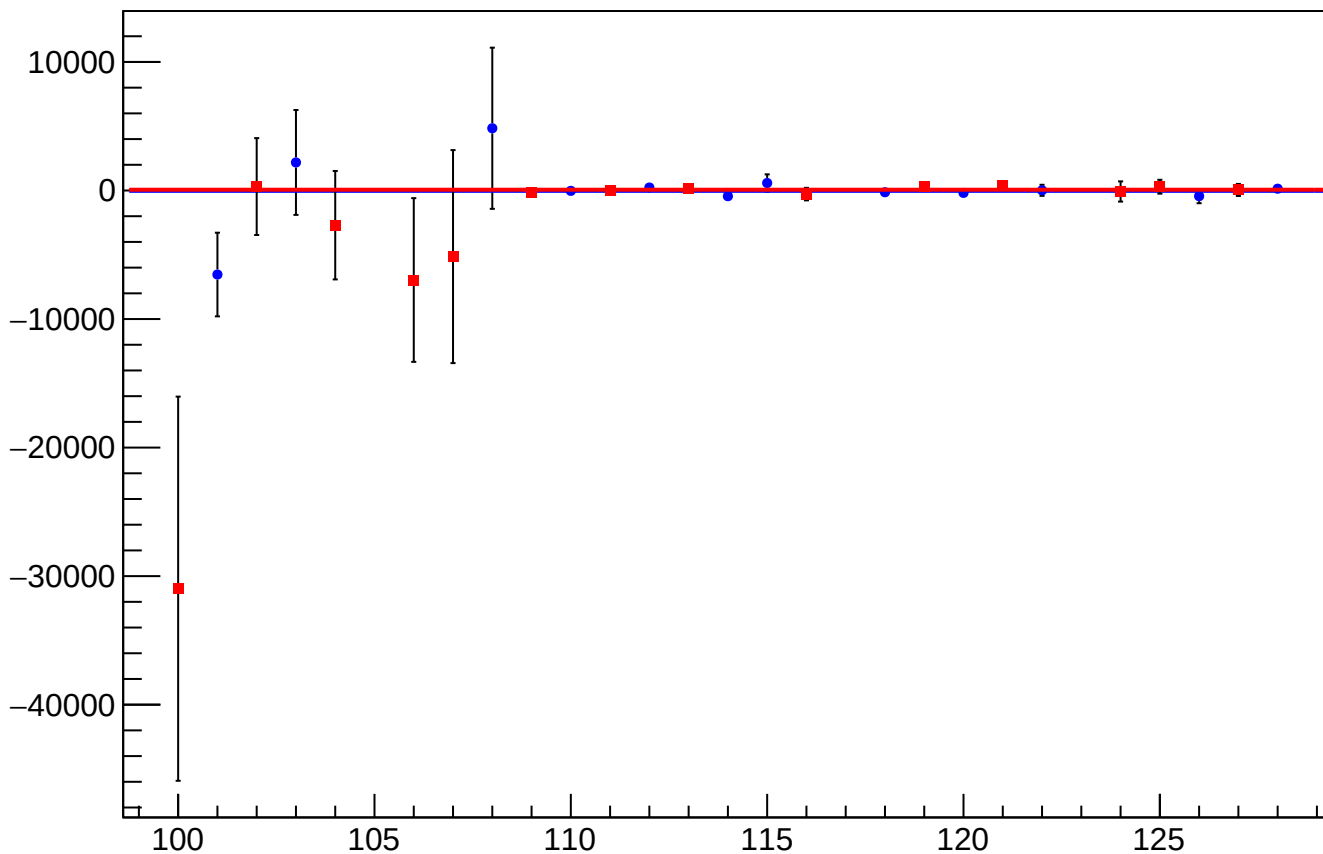
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.760+/-0.008 χ^2/NDF : 6812062.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug



Right In: -25.155+/-101.461 χ^2/NDF : 9.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.728+/-93.419 χ^2/NDF : 10.4/13

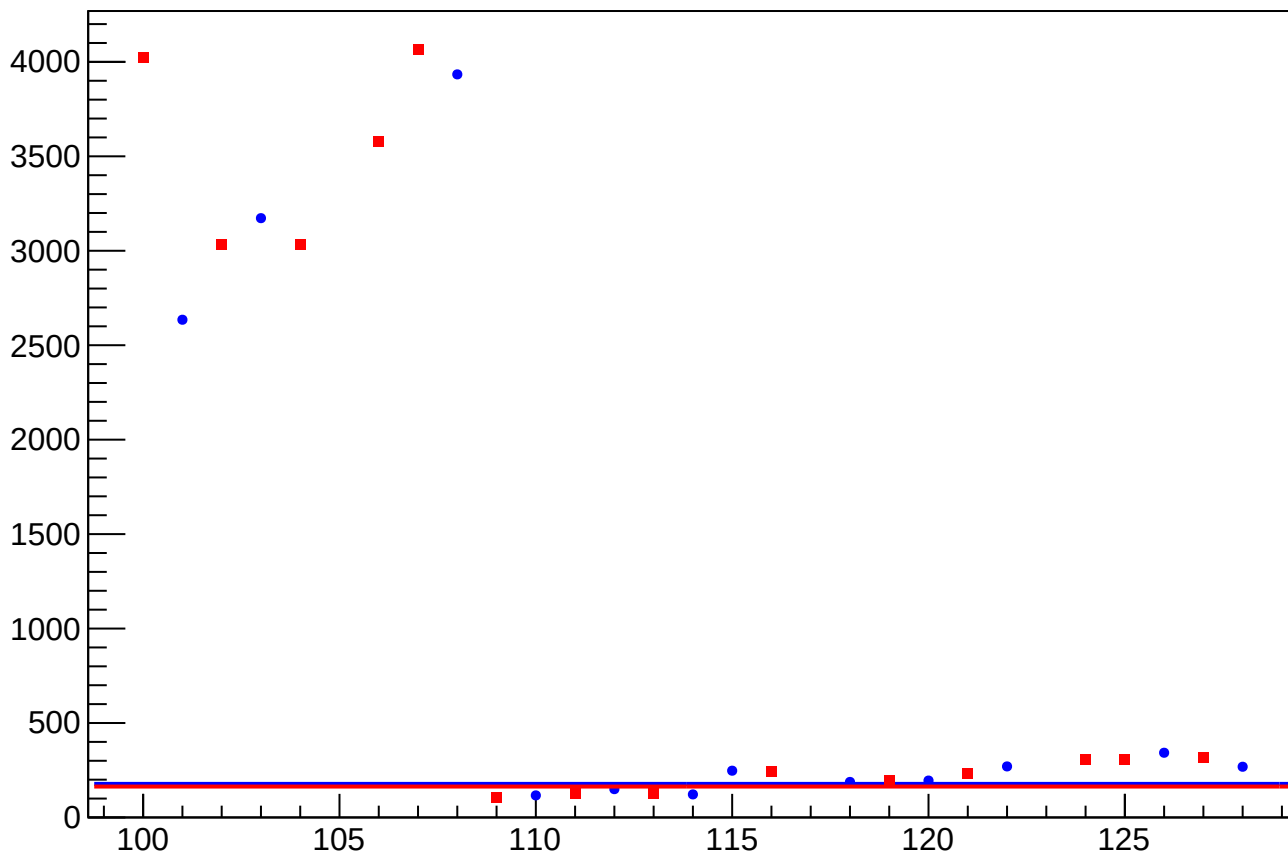
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.324+/-68.725 χ^2/NDF : 20.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug



Right In: 177.703+/-0.072 χ^2/NDF : 3627275.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 163.585+/-0.066 χ^2/NDF : 4107355.8/13

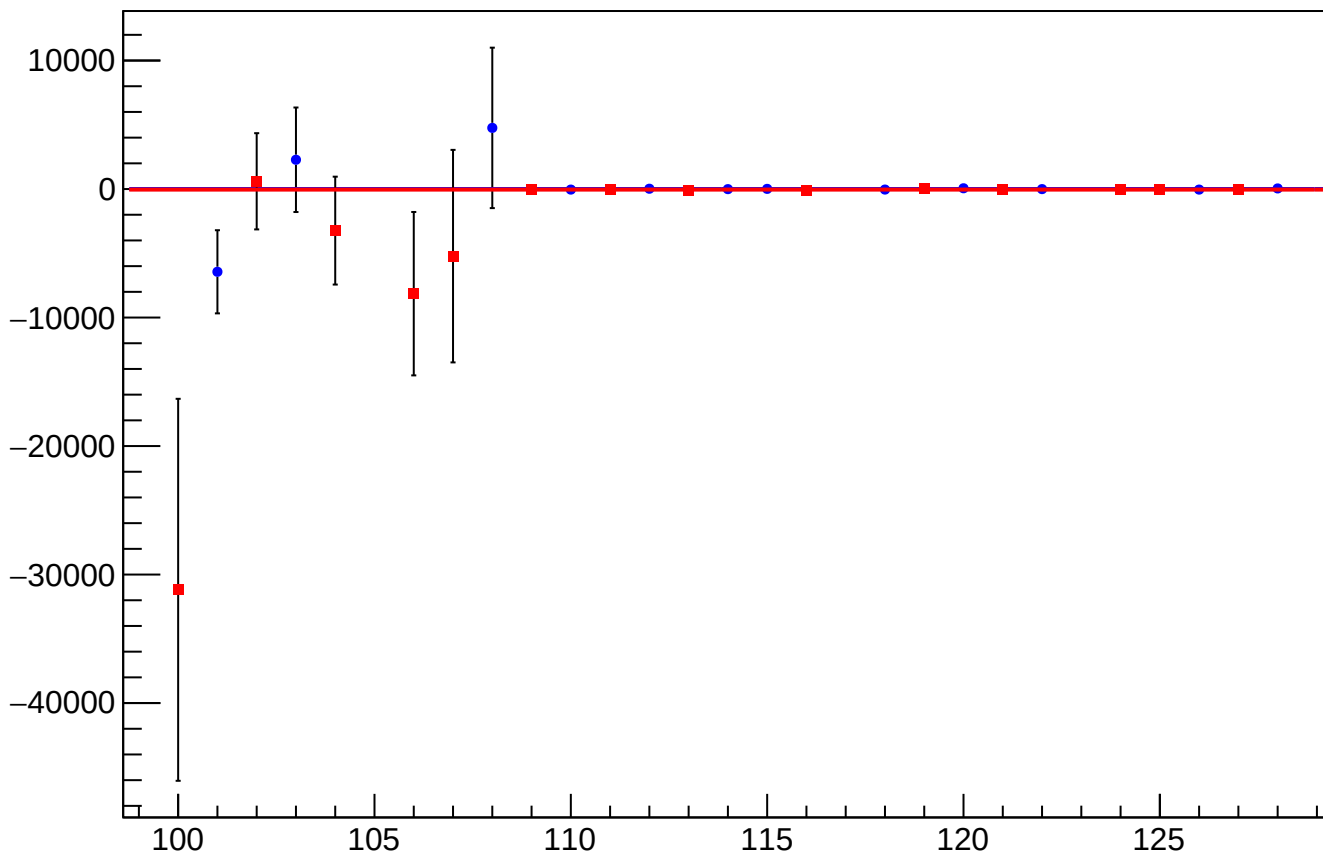
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.062+/-0.049 χ^2/NDF : 7755586.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug



Right In: -0.686+/-15.187 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.812+/-15.125 χ^2/NDF : 16.5/13

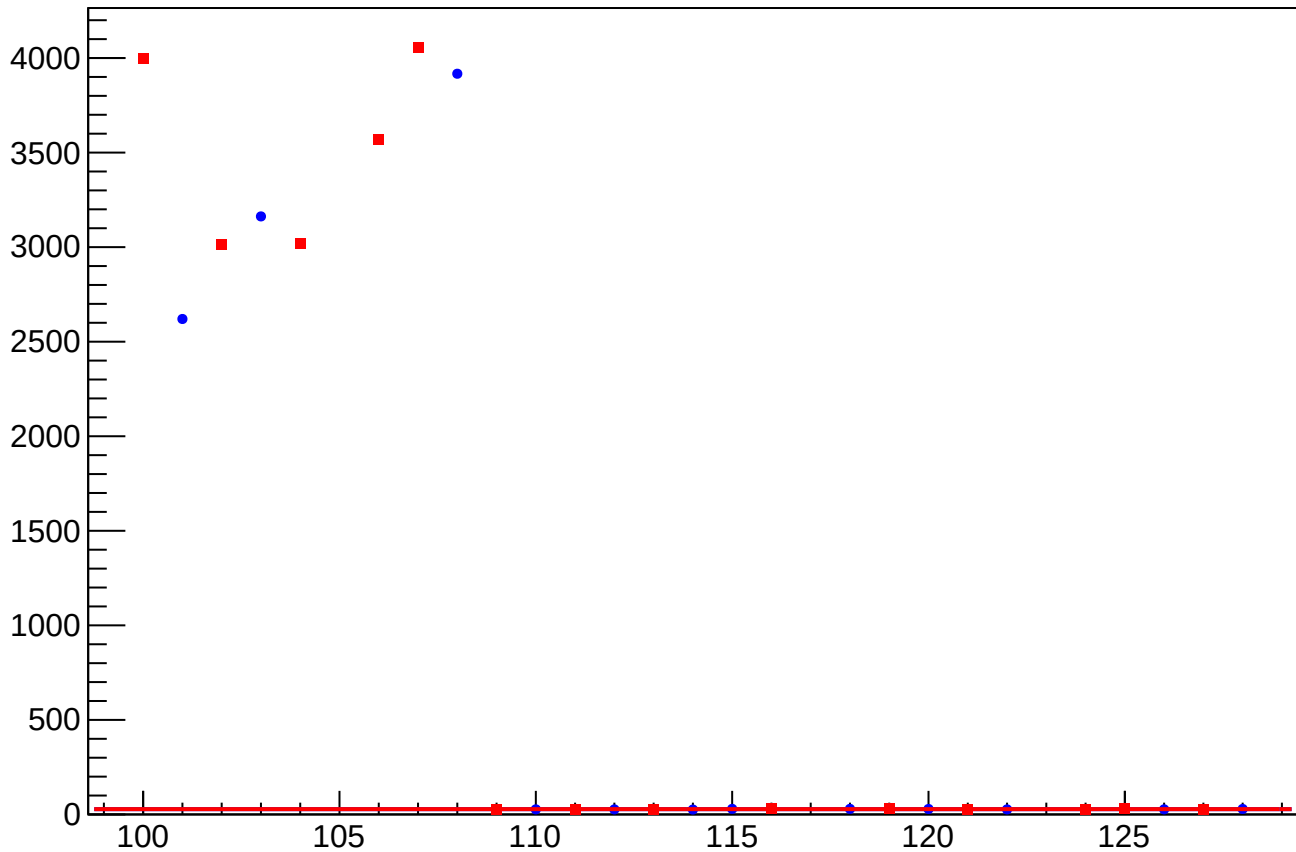
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.333+/-10.717 χ^2/NDF : 31.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug



Right In: 27.884 $\pm$ 0.011 χ^2 /NDF: 3261077.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.107 $\pm$ 0.011 χ^2 /NDF: 3554242.4/13

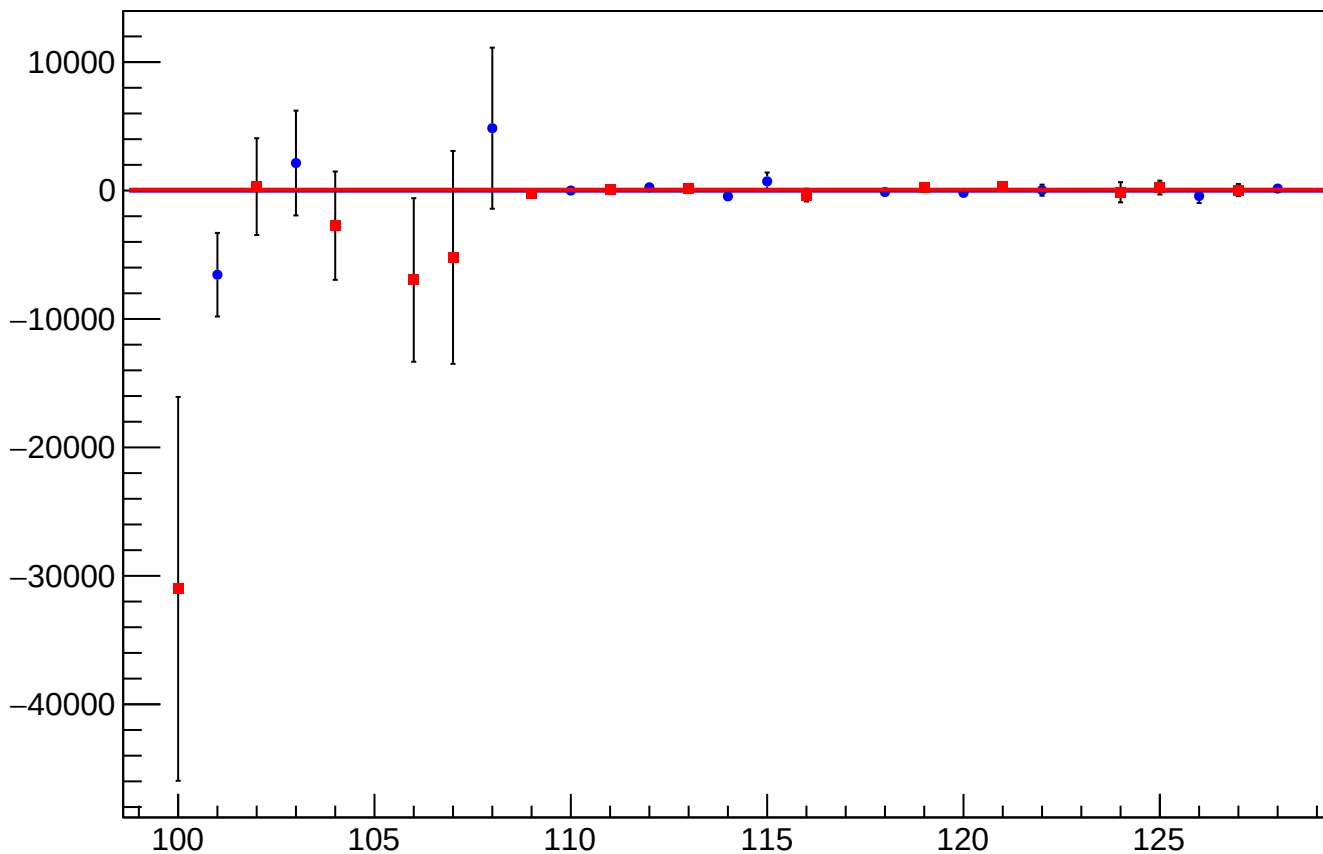
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.996 $\pm$ 0.008 χ^2 /NDF: 6815536.1/25

- 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: -7.615+/-102.878 χ^2 /NDF: 10.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 65.256+/-94.948 χ^2 /NDF: 10.3/13

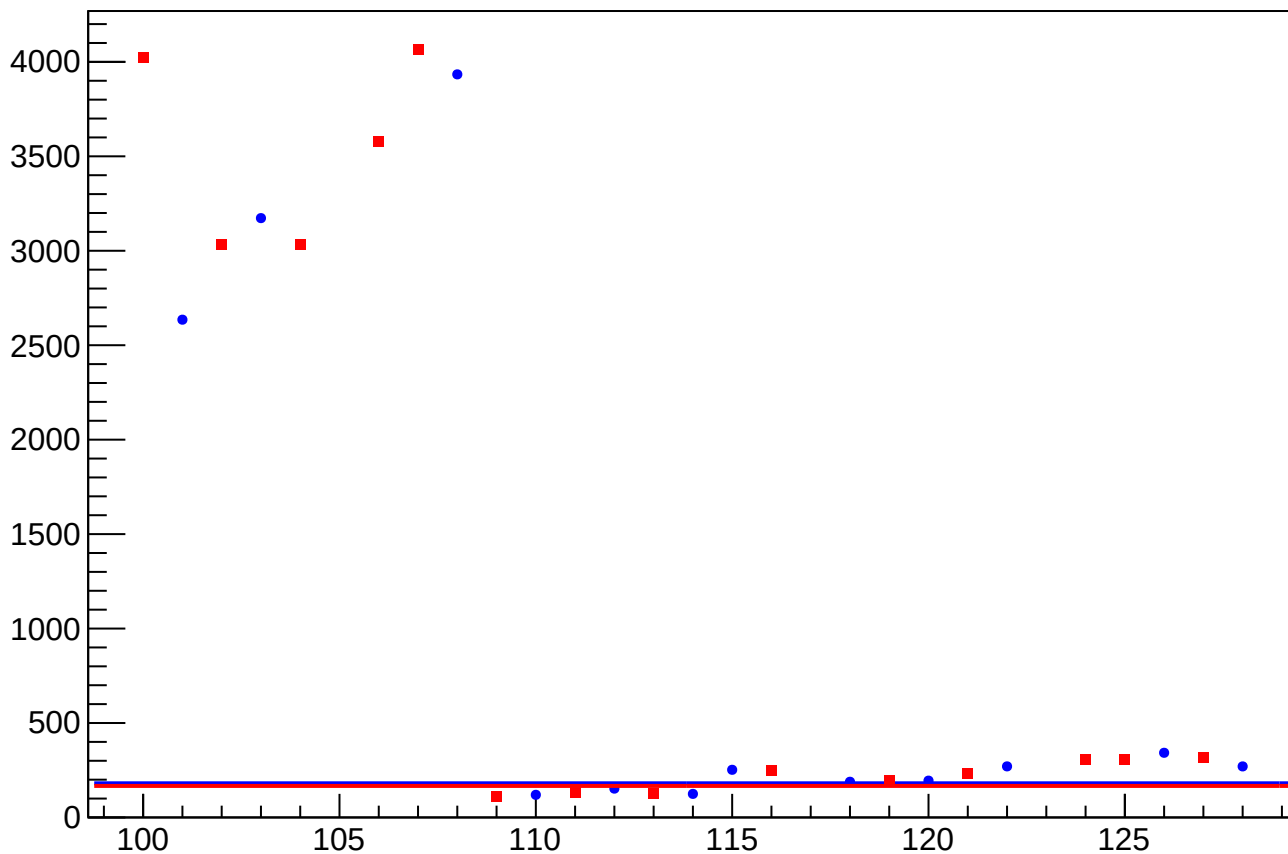
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 31.737+/-69.773 χ^2 /NDF: 20.6/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug



Right In: 180.769+/-0.073 χ^2/NDF : 3589821.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

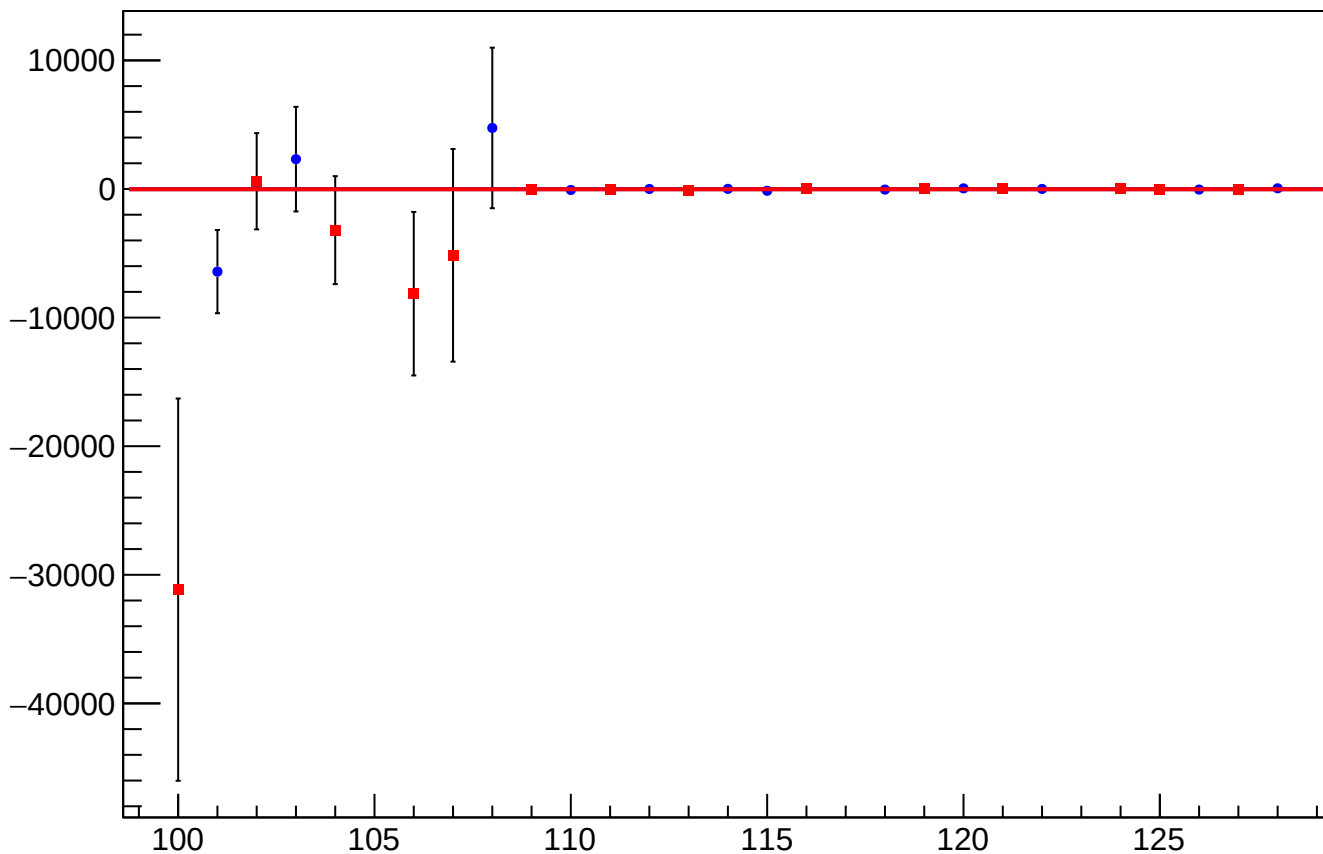
Right Out: 166.950+/-0.067 χ^2/NDF : 4061506.7/13

All: 173.306+/-0.049 χ^2/NDF : 7670814.8/25

- 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_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug



Right In: -12.741 $\pm$ 18.470 χ^2 /NDF: 12.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -21.661 $\pm$ 18.260 χ^2 /NDF: 20.9/13

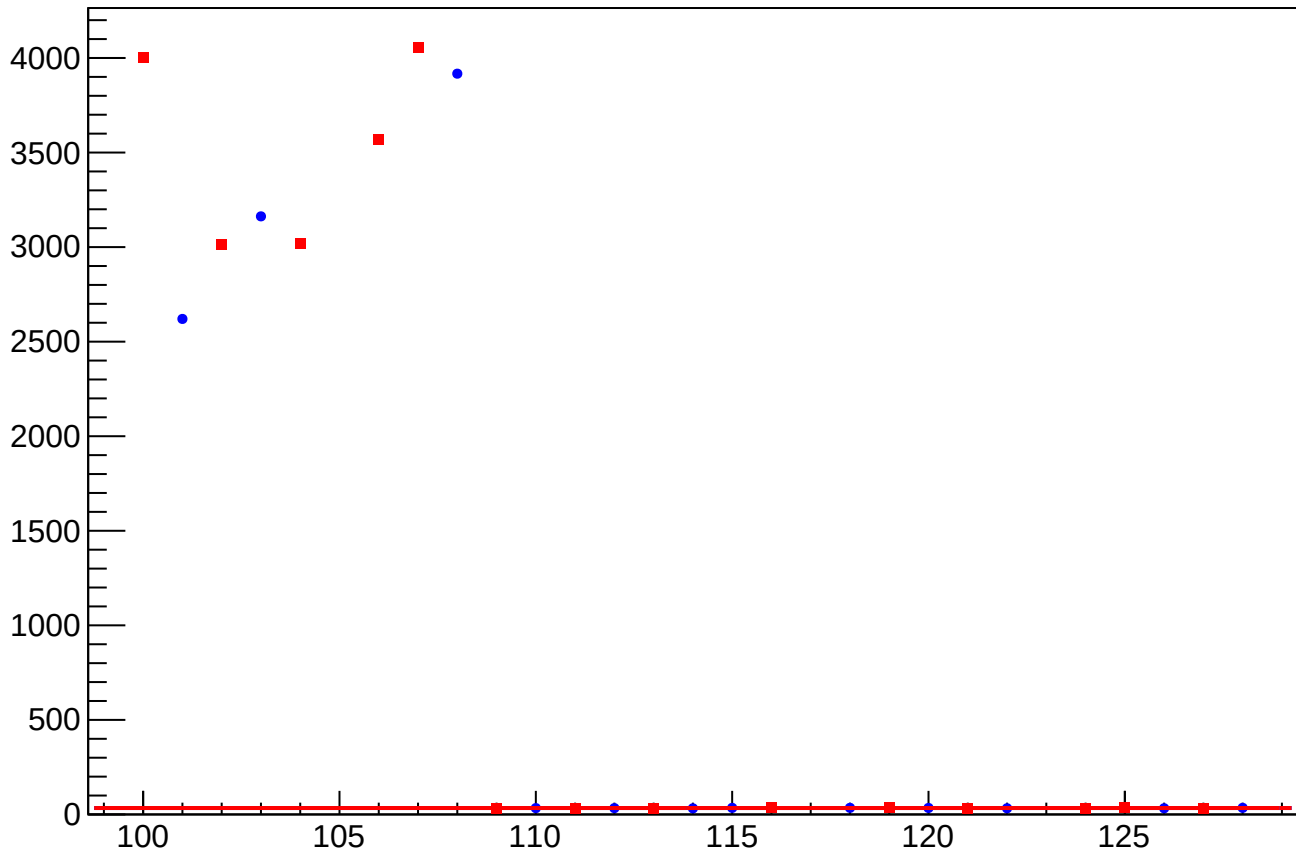
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -17.252 $\pm$ 12.985 χ^2 /NDF: 33.2/25

- 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: 33.992 $\pm$ 0.013 χ^2 /NDF: 3240876.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 34.028 $\pm$ 0.013 χ^2 /NDF: 3524429.7/13

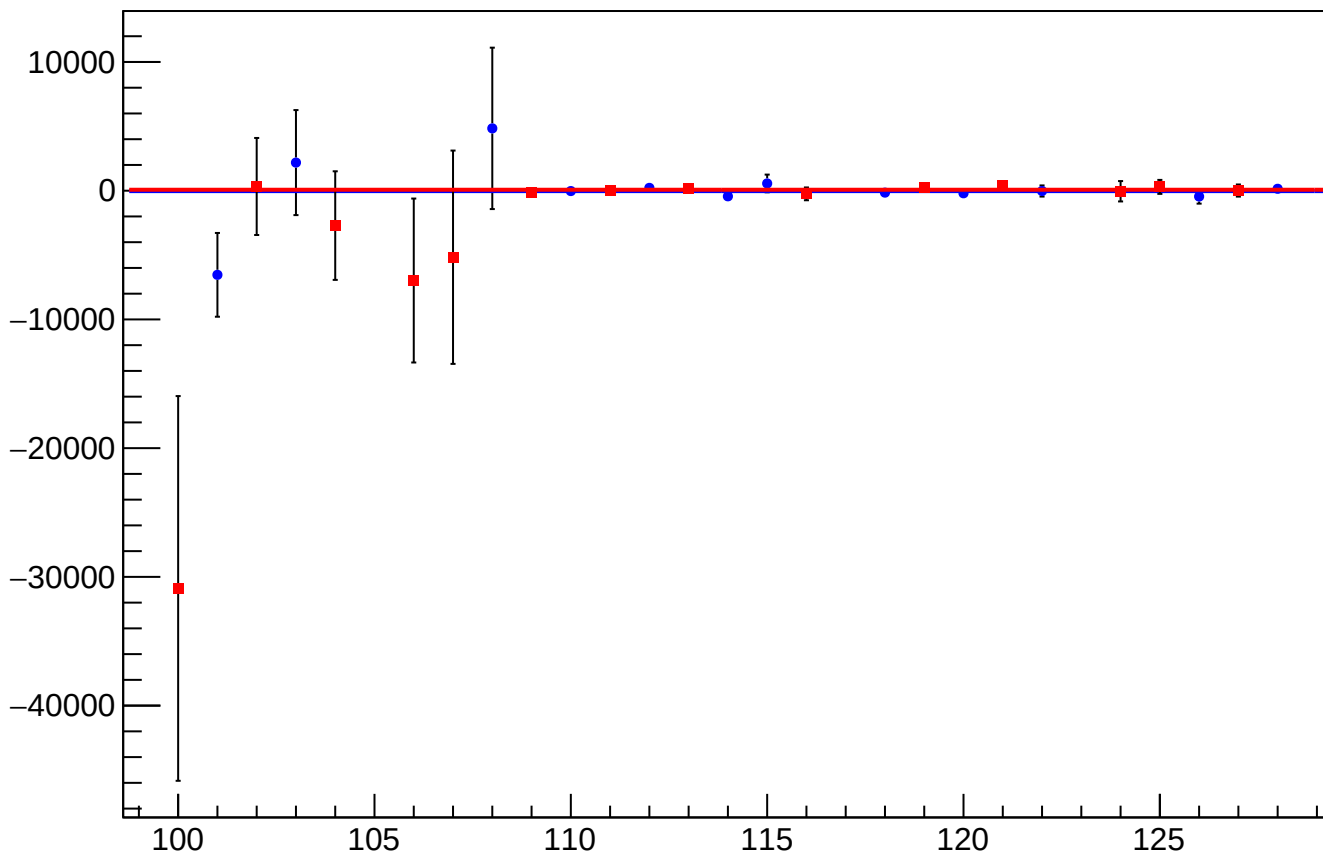
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.010 $\pm$ 0.009 χ^2 /NDF: 6765309.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug



Right In: -32.813+/-102.284 χ^2/NDF : 9.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.021+/-94.274 χ^2/NDF : 10.1/13

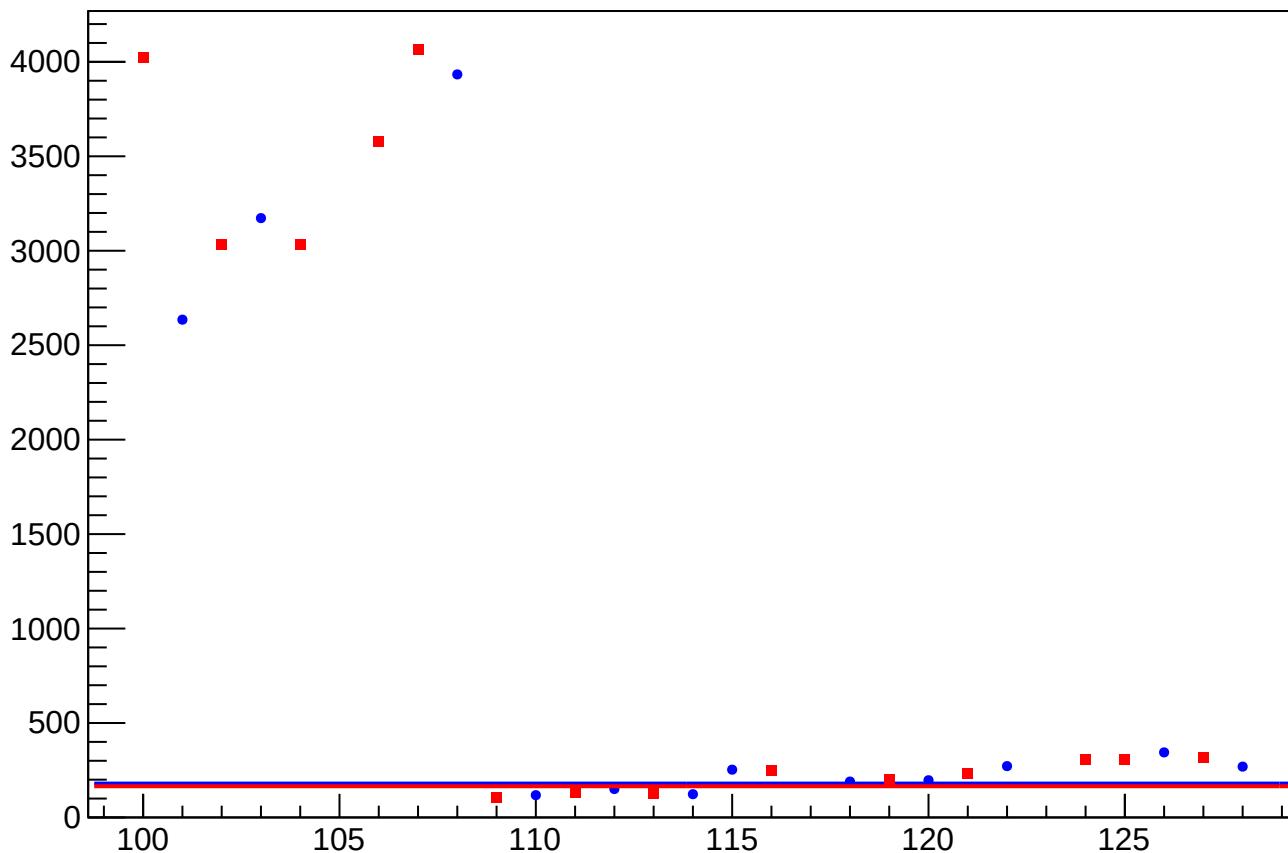
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.951+/-69.321 χ^2/NDF : 20.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 179.249+/-0.072 χ^2/NDF : 3620449.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.194+/-0.067 χ^2/NDF : 4102588.6/13

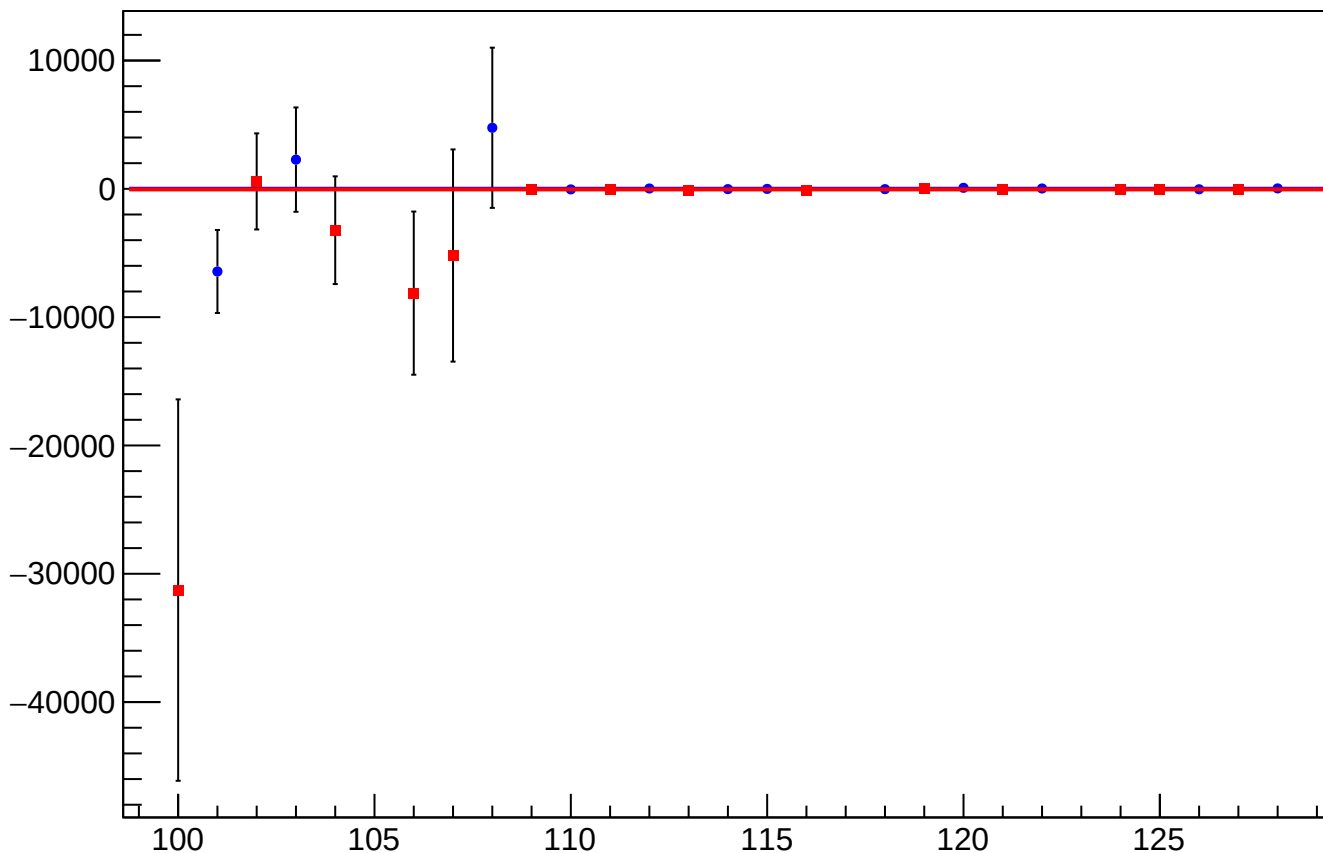
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.650+/-0.049 χ^2/NDF : 7743456.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 7.095+/-16.900 χ^2/NDF : 9.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -44.014+/-16.772 χ^2/NDF : 20.1/13

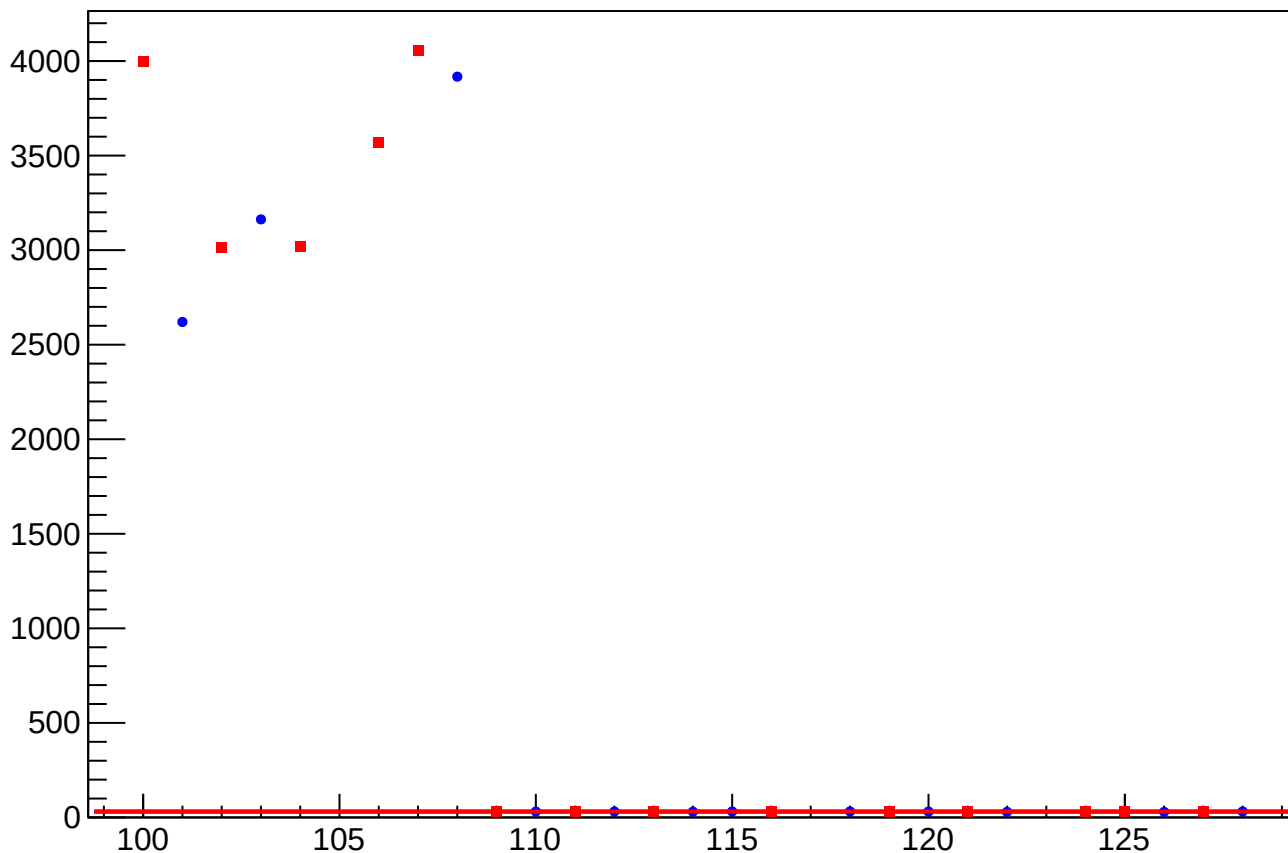
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.653+/-11.905 χ^2/NDF : 34.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 31.075+/-0.012 χ^2/NDF : 3247851.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.234+/-0.012 χ^2/NDF : 3530439.8/13

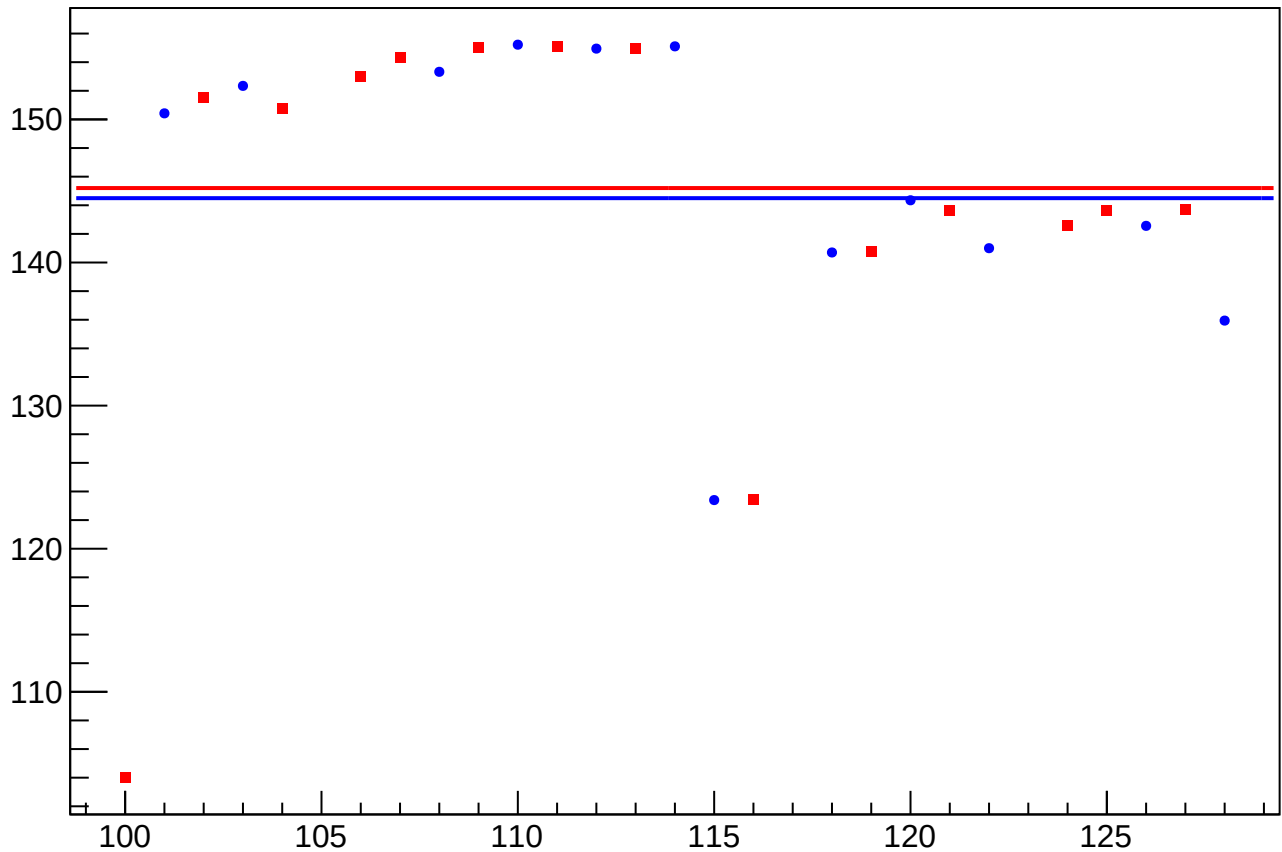
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.155+/-0.008 χ^2/NDF : 6778380.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_target_mean vs Slug



Right In: 144.497+/-0.000 χ^2/NDF : 2882691010.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.203+/-0.000 χ^2/NDF : 3951100606.7/13

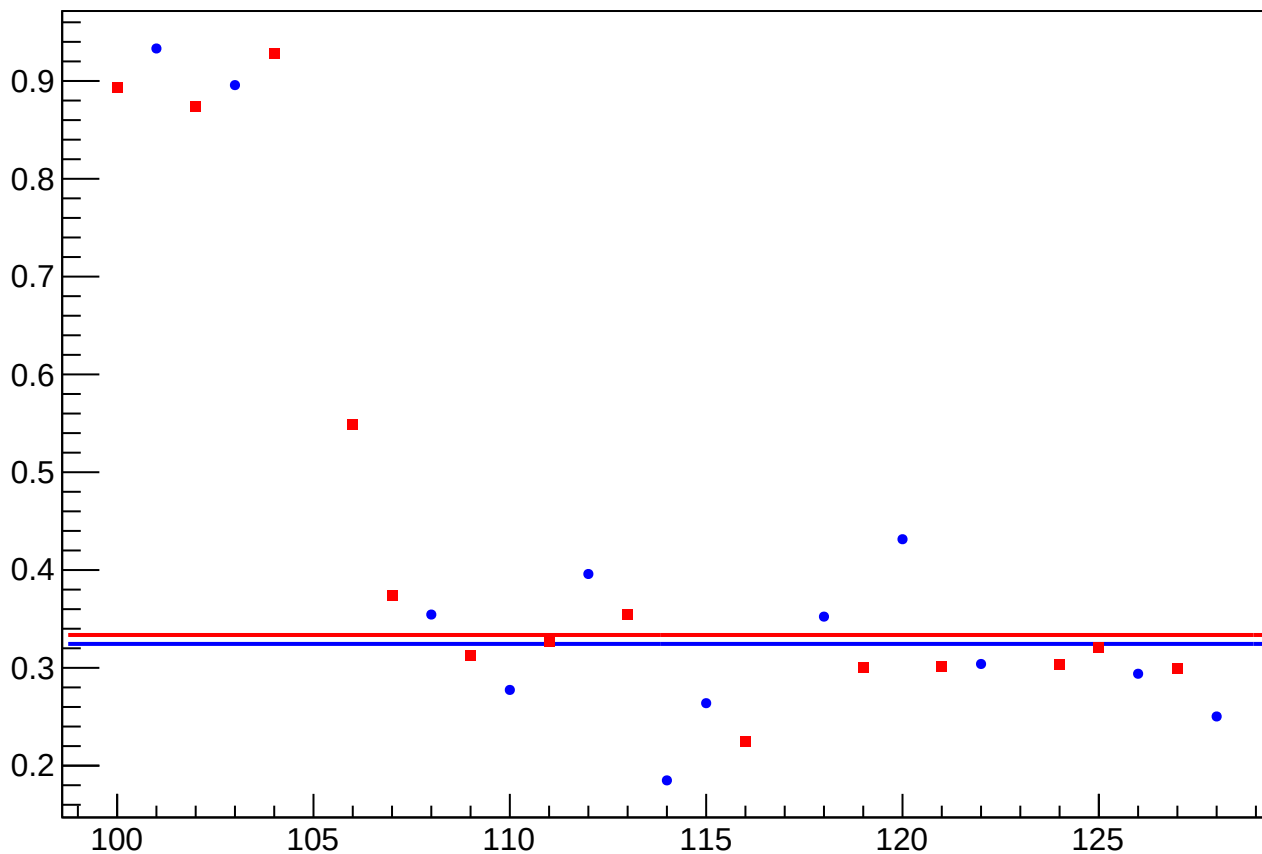
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.859+/-0.000 χ^2/NDF : 6843197434.0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_target_rms vs Slug



Right In: 0.324+/-0.000 χ^2/NDF : 1328429.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.334+/-0.000 χ^2/NDF : 1193660.8/13

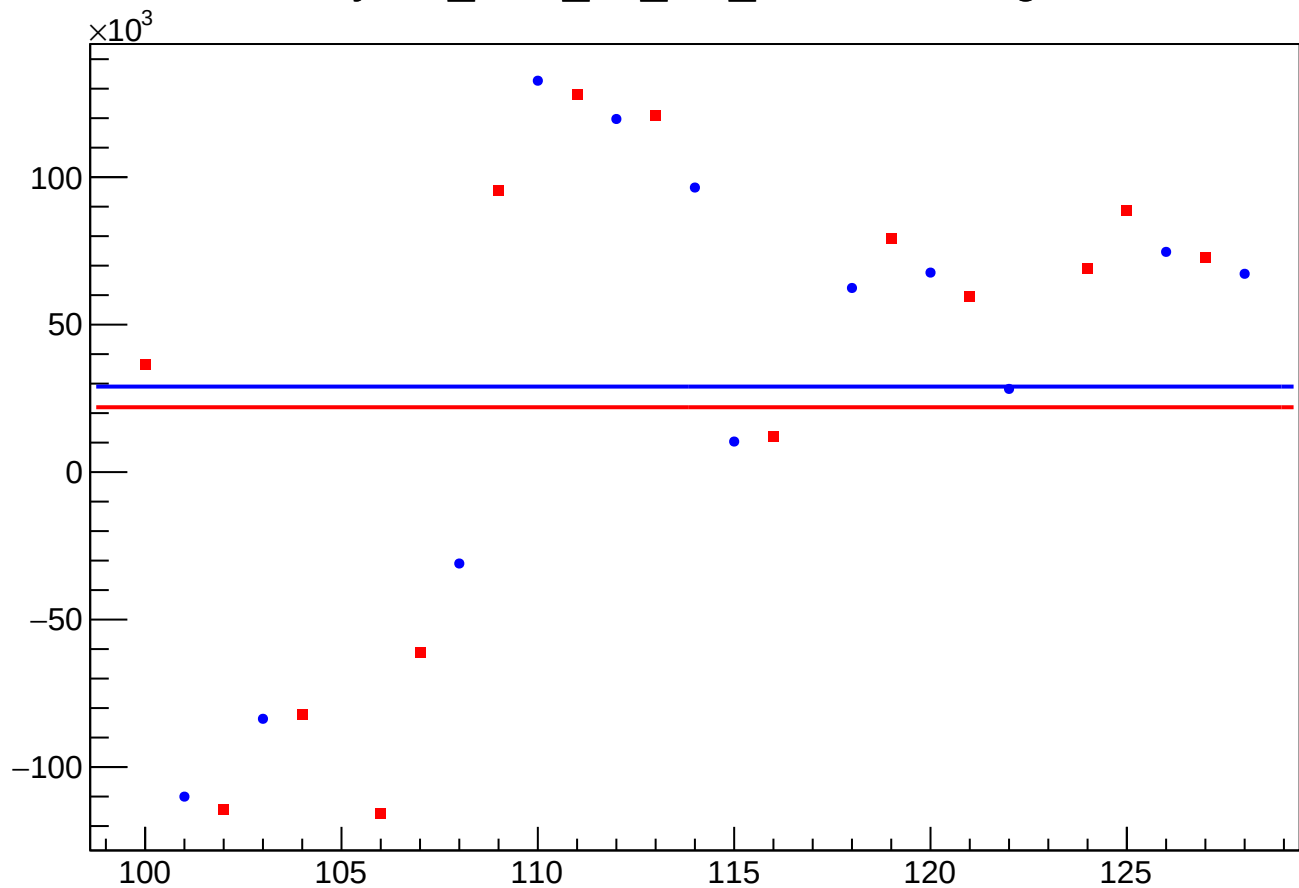
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.329+/-0.000 χ^2/NDF : 2525239.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_diff_mean vs Slug



Right In: 28996.386 $\pm$ 2.371 χ^2 /NDF: 1091859347.7/11

+ 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

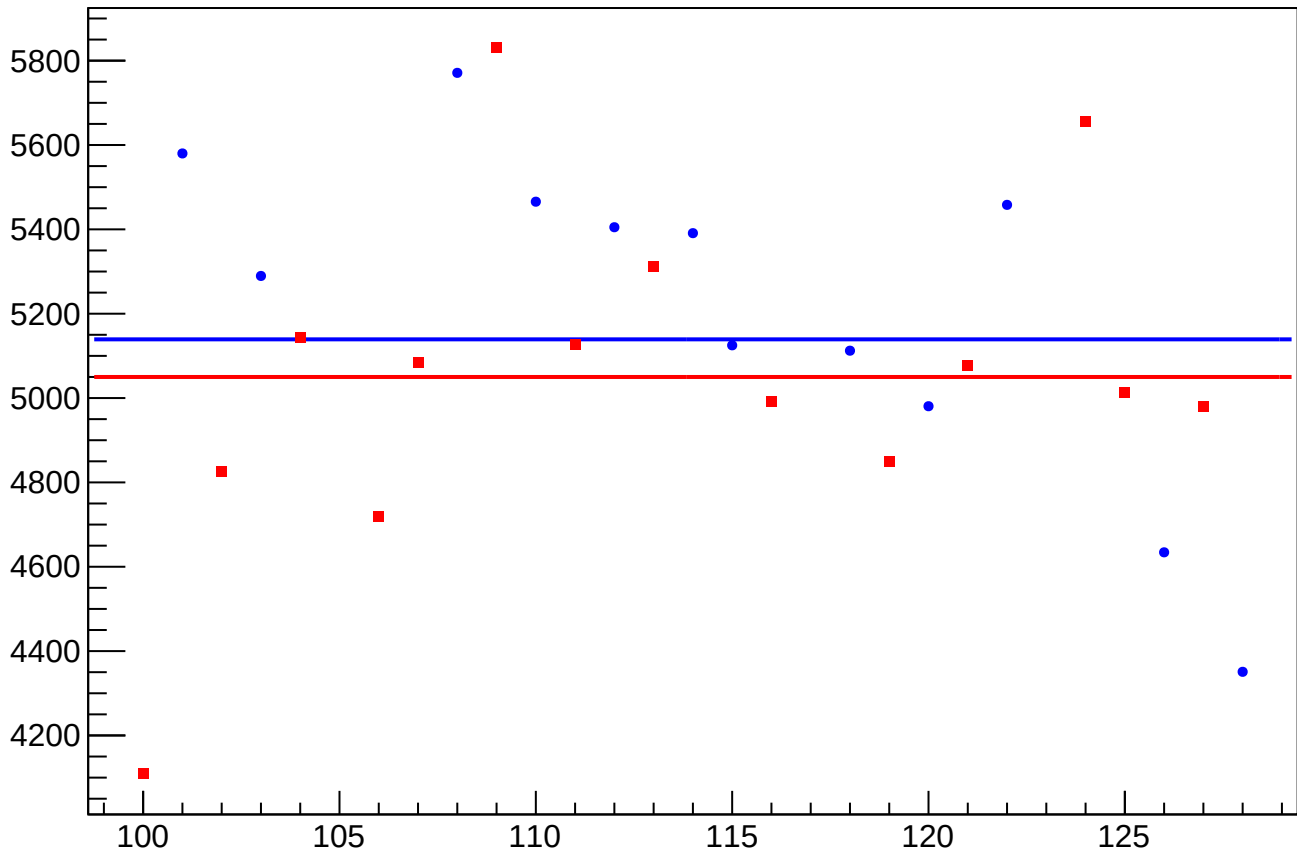
All: 25249.817 $\pm$ 1.617 χ^2 /NDF: 277136738

Right Out: 21993.457 $\pm$ 2.210 χ^2 /NDF: 1674839547.6/13

- sign 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: 5139.191 $\pm$ 1.676 χ^2 /NDF: 67810.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5049.970 $\pm$ 1.563 χ^2 /NDF: 39321.2/13

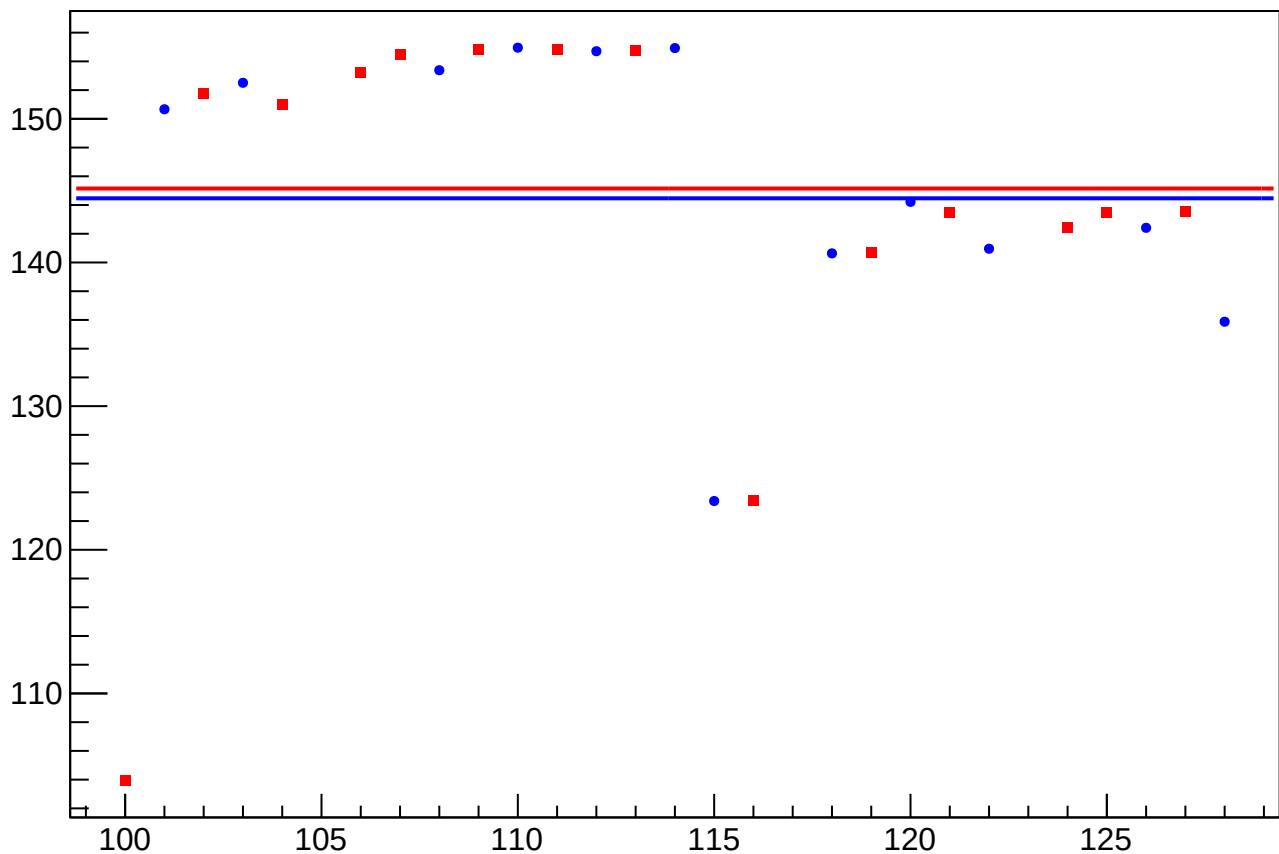
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5091.458 $\pm$ 1.143 χ^2 /NDF: 108647.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_an_ds_mean vs Slug



Right In: 144.467 $\pm$ 0.000 χ^2 /NDF: 2903424982.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 145.149 $\pm$ 0.000 χ^2 /NDF: 3978160415.8/13

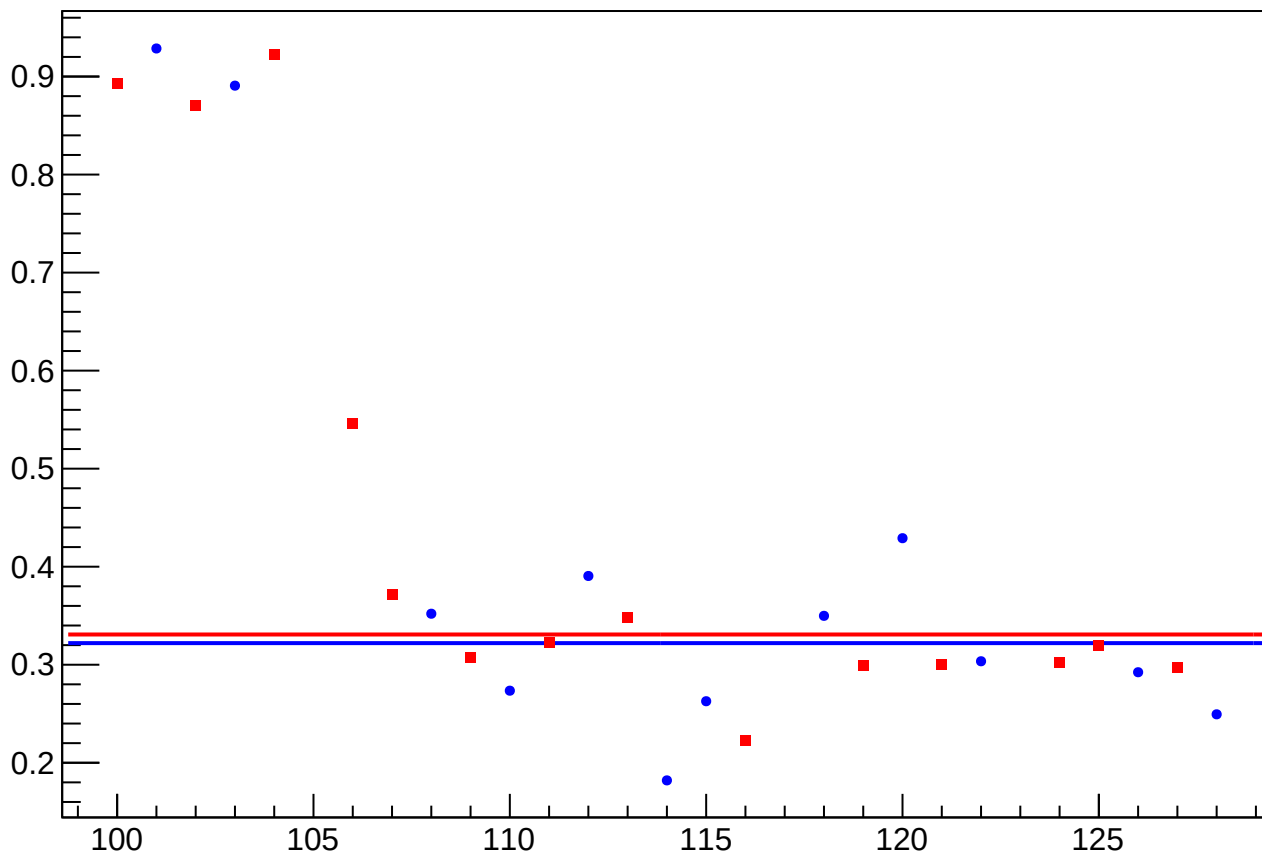
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 144.817 $\pm$ 0.000 χ^2 /NDF: 6890507148.3

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_an_ds_rms vs Slug



Right In: 0.322+/-0.000 χ^2/NDF : 1331473.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.331+/-0.000 χ^2/NDF : 1195074.7/13

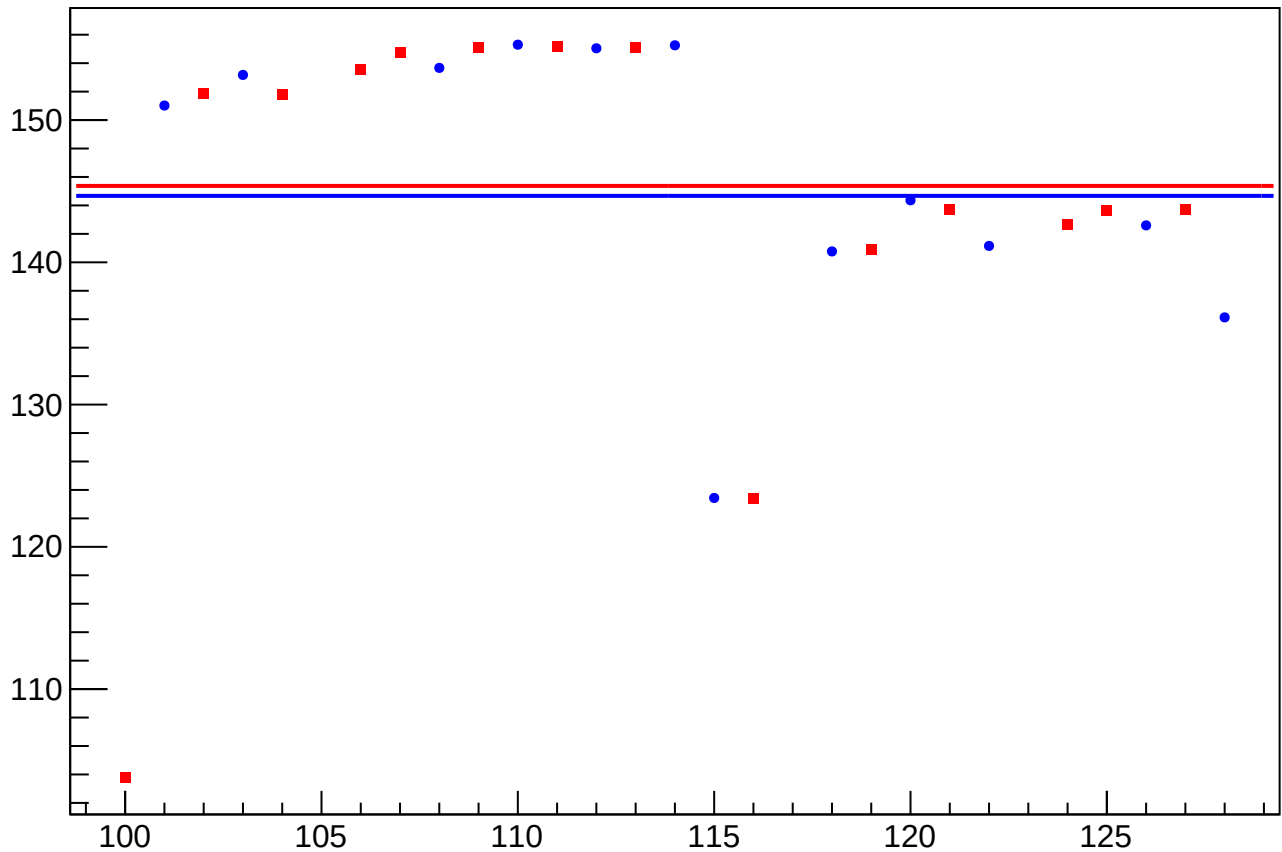
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.327+/-0.000 χ^2/NDF : 2529519.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_ds3_mean vs Slug



Right In: 144.671 $\pm$ 0.000 χ^2 /NDF: 2893312658.5/11

+ 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

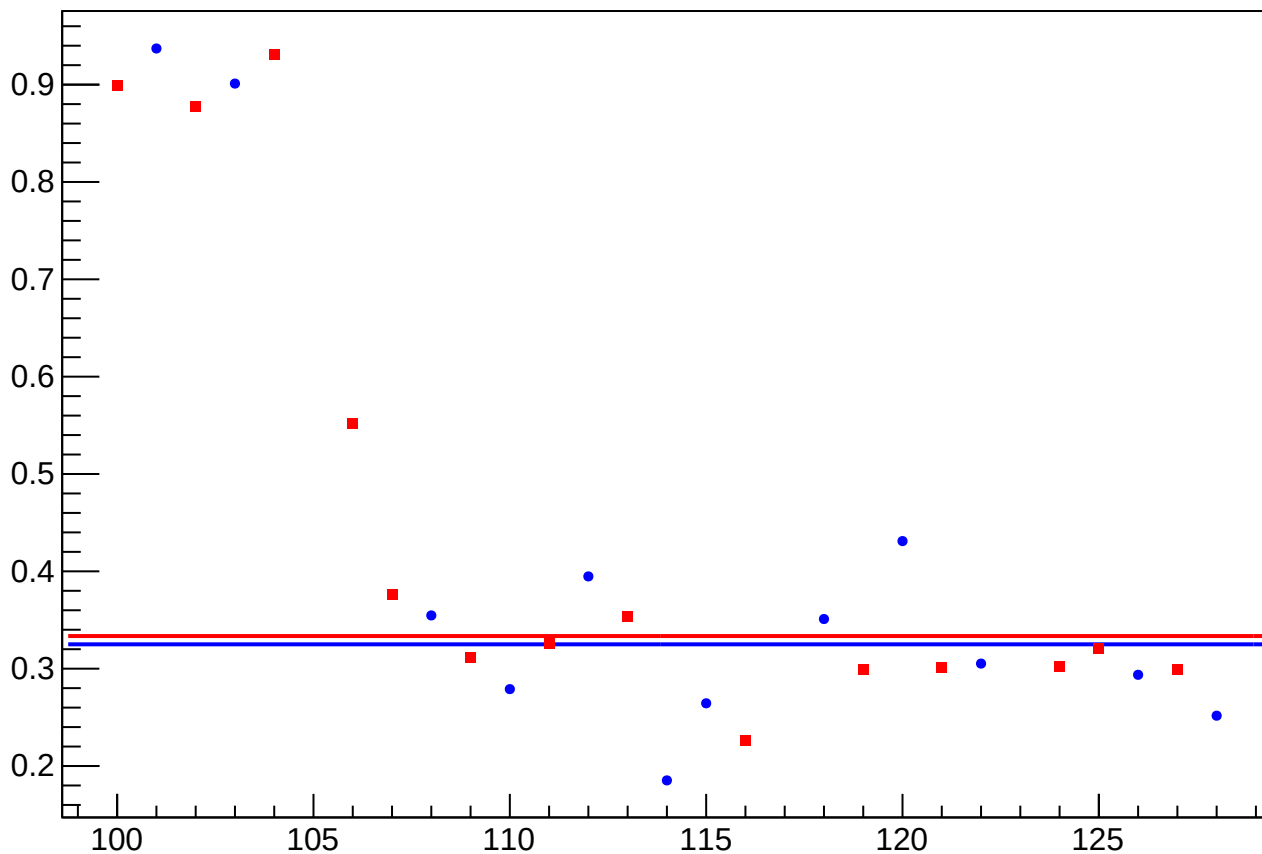
Right Out: 145.371 $\pm$ 0.000 χ^2 /NDF: 3962006758.8/13

All: 145.030 $\pm$ 0.000 χ^2 /NDF: 6864548427.1

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_an_ds3_rms vs Slug



Right In: 0.325+/-0.000 χ^2/NDF : 1326592.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.334+/-0.000 χ^2/NDF : 1195815.6/13

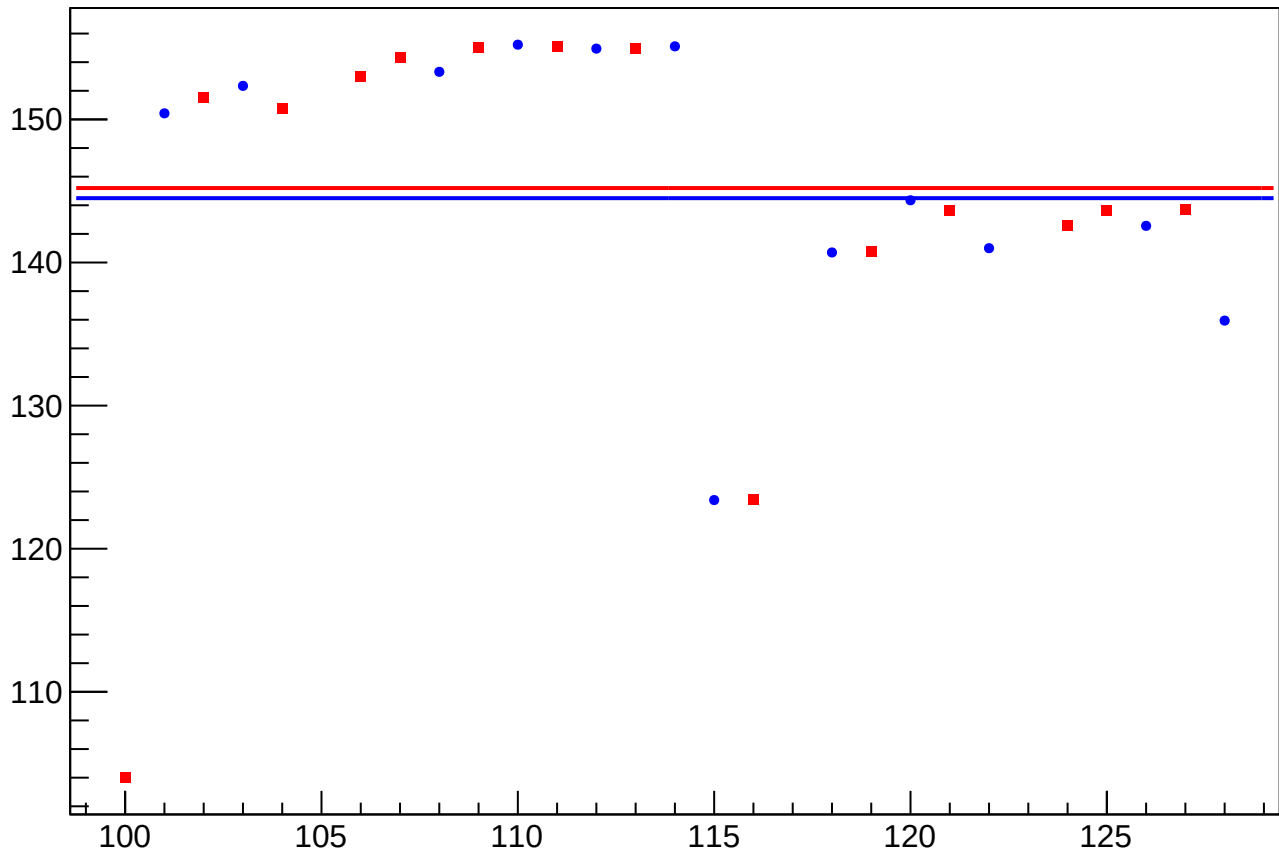
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.329+/-0.000 χ^2/NDF : 2525133.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_us_mean vs Slug



Right In: 144.497+/-0.000 χ^2/NDF : 2882691010.8/11

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

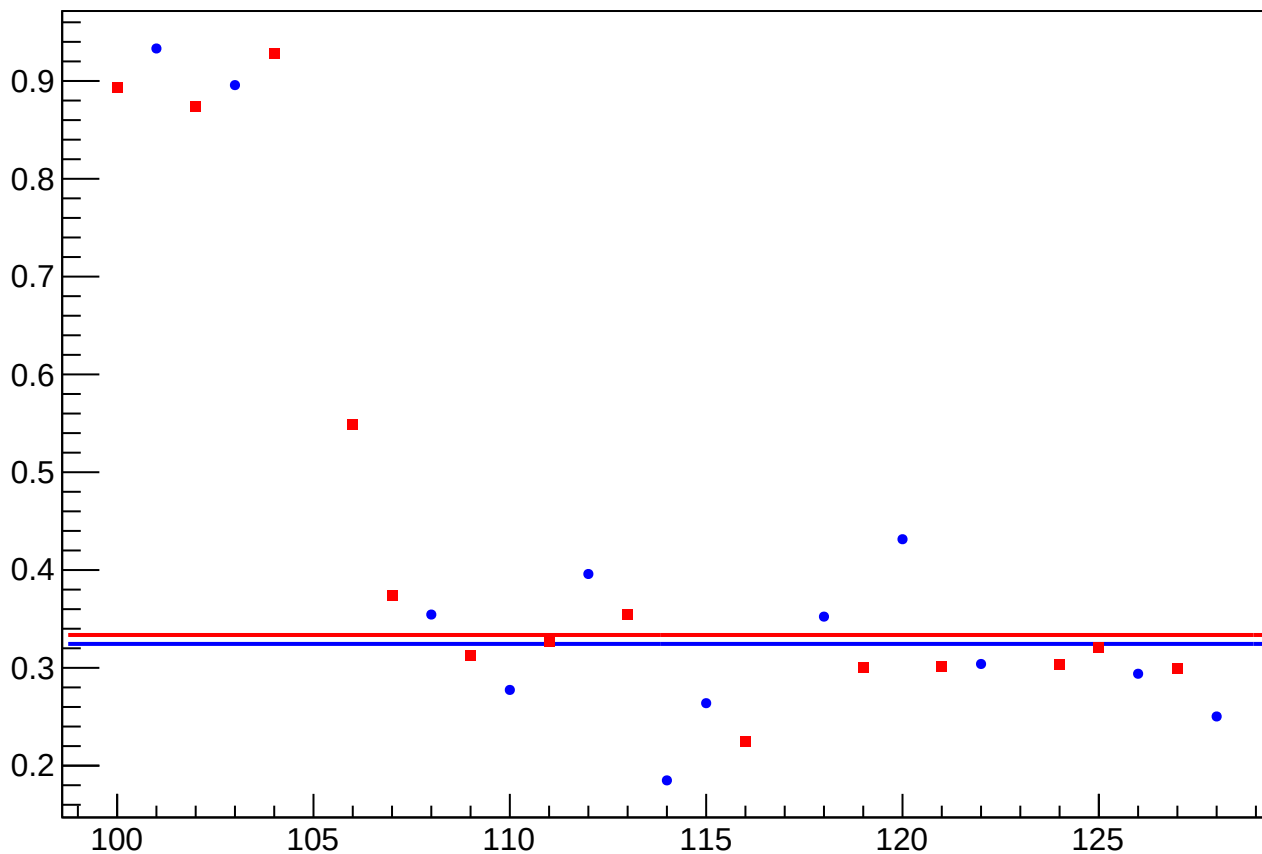
Right Out: 145.203+/-0.000 χ^2/NDF : 3951100606.7/13

All: 144.859+/-0.000 χ^2/NDF : 6843197434.0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_us_rms vs Slug



Right In: 0.324+/-0.000 χ^2/NDF : 1328429.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.334+/-0.000 χ^2/NDF : 1193660.8/13

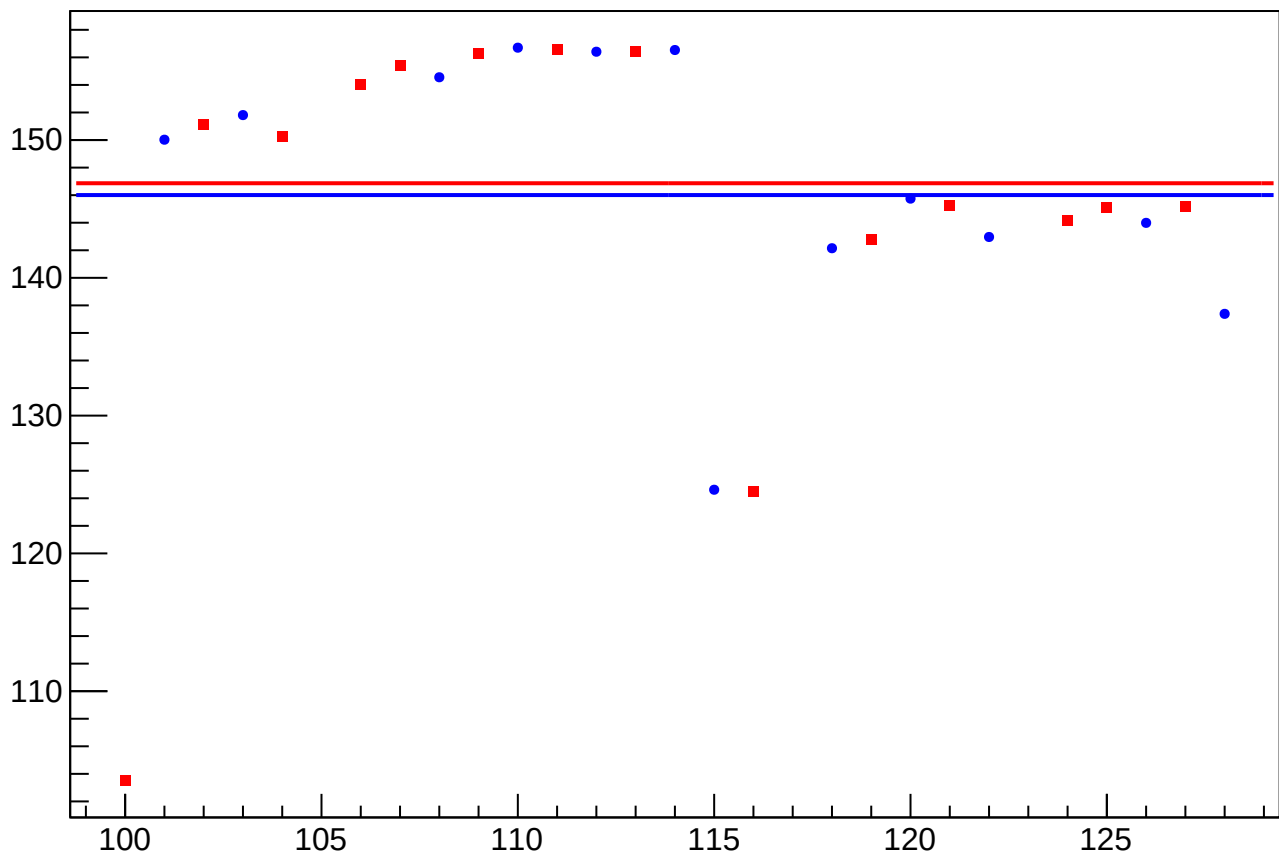
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.329+/-0.000 χ^2/NDF : 2525239.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_dg_us_mean vs Slug



Right In: 146.007+/-0.000 χ^2/NDF : 2684321713.4/11

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

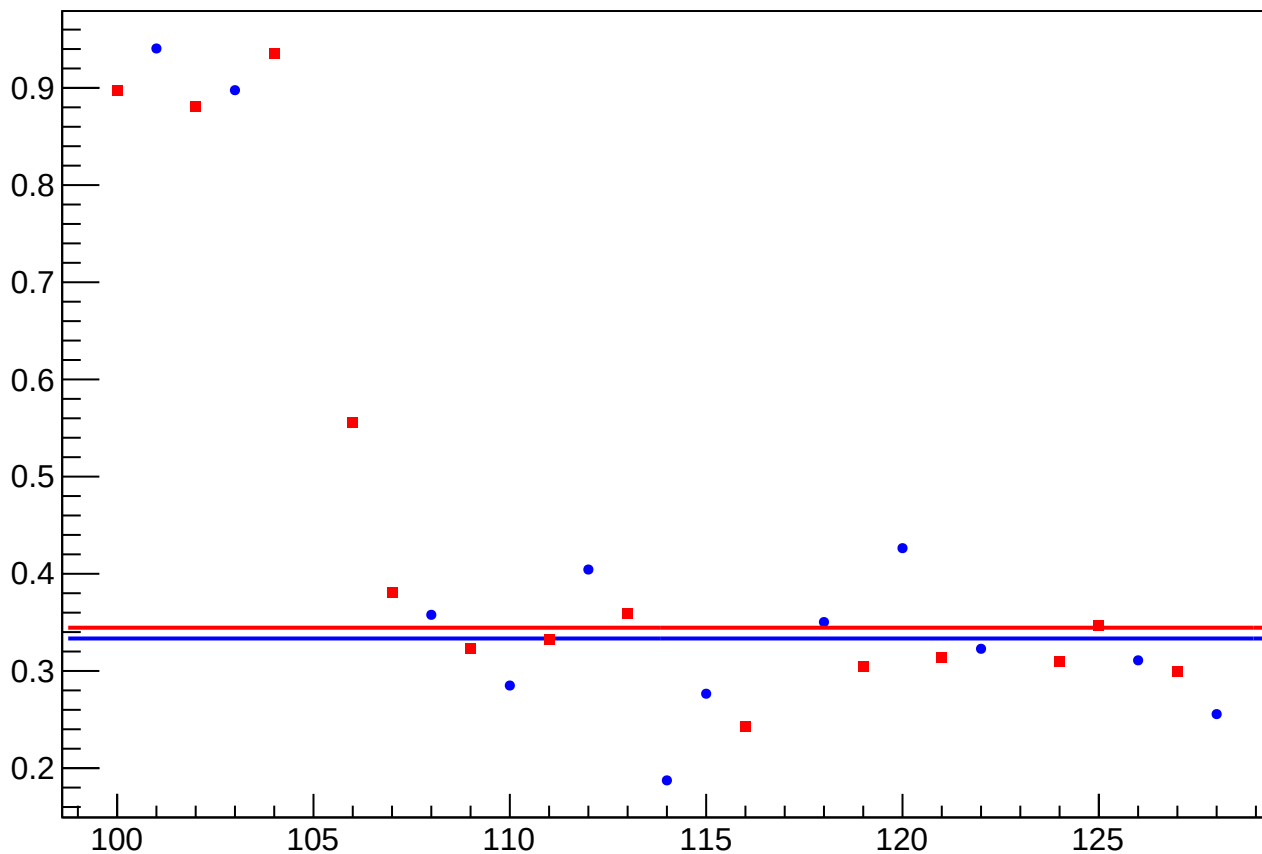
Right Out: 146.865+/-0.000 χ^2/NDF : 3555455227.8/13

All: 146.444+/-0.000 χ^2/NDF : 6252921007.4

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_dg_us_rms vs Slug



Right In: 0.333+/-0.000 χ^2/NDF : 1289563.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.345+/-0.000 χ^2/NDF : 1142495.8/13

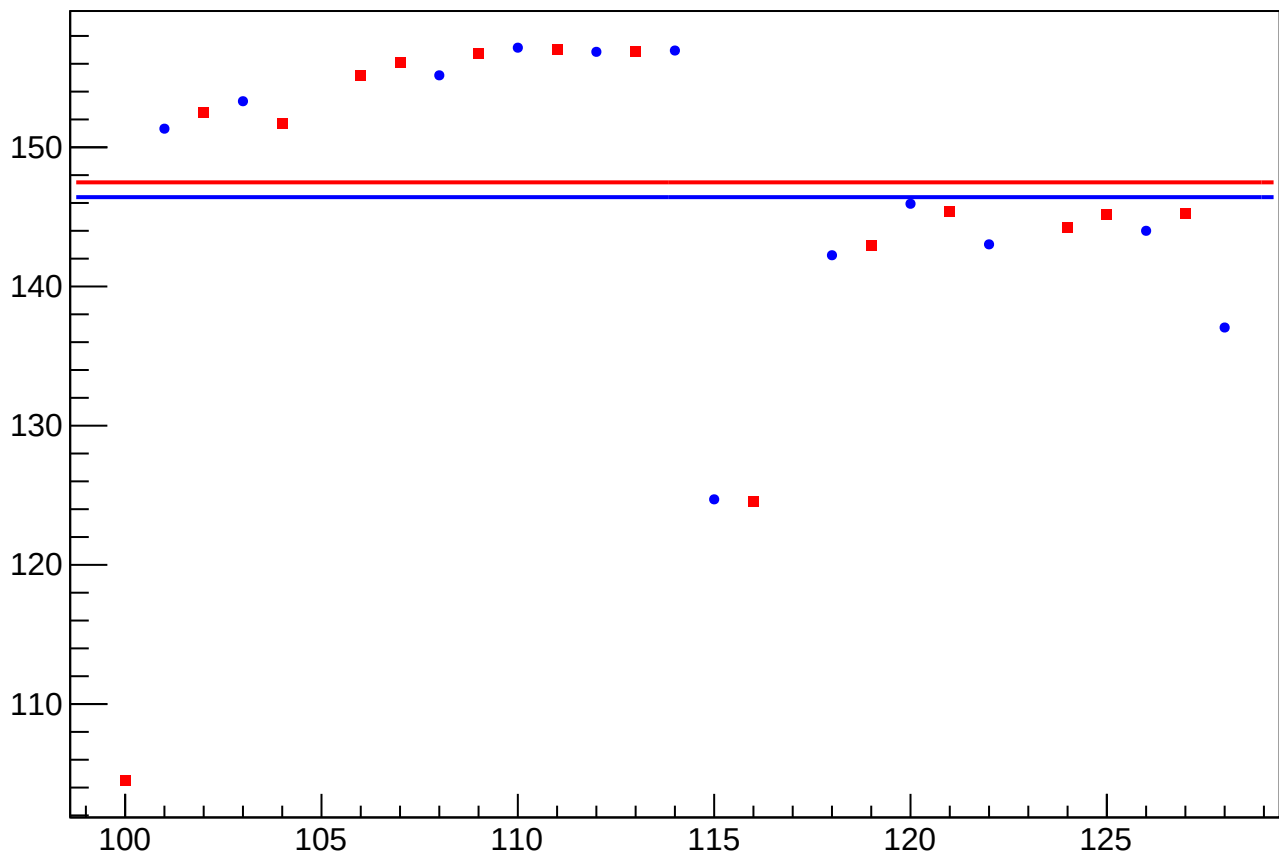
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.339+/-0.000 χ^2/NDF : 2436465.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_dg_ds_mean vs Slug



Right In: 146.418+/-0.000 χ^2/NDF : 2867527544.5/11

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

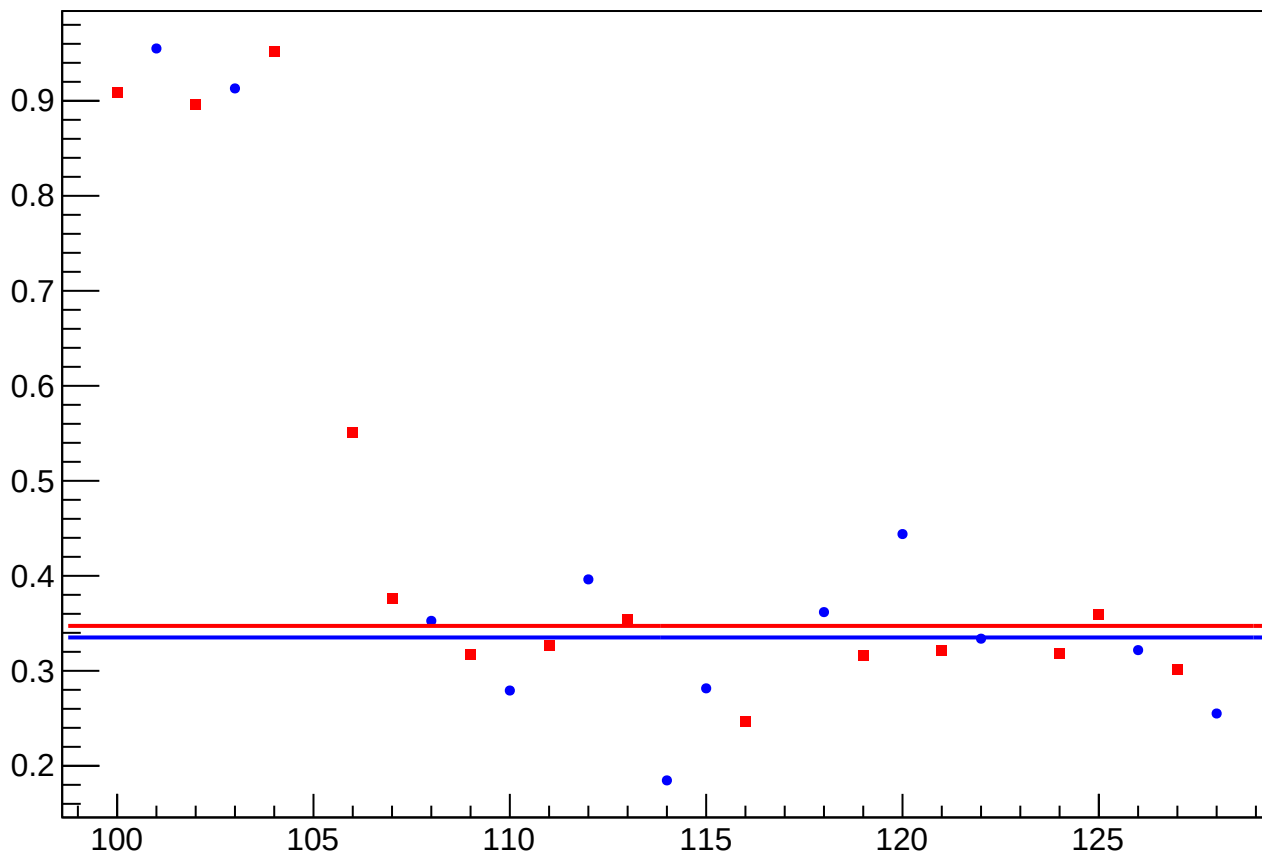
Right Out: 147.481+/-0.000 χ^2/NDF : 3623705566.2/13

All: 146.959+/-0.000 χ^2/NDF : 6511119435.8

- 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_dg_ds_rms vs Slug



Right In: 0.335+/-0.000 χ^2/NDF : 1321989.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.347+/-0.000 χ^2/NDF : 1136571.0/13

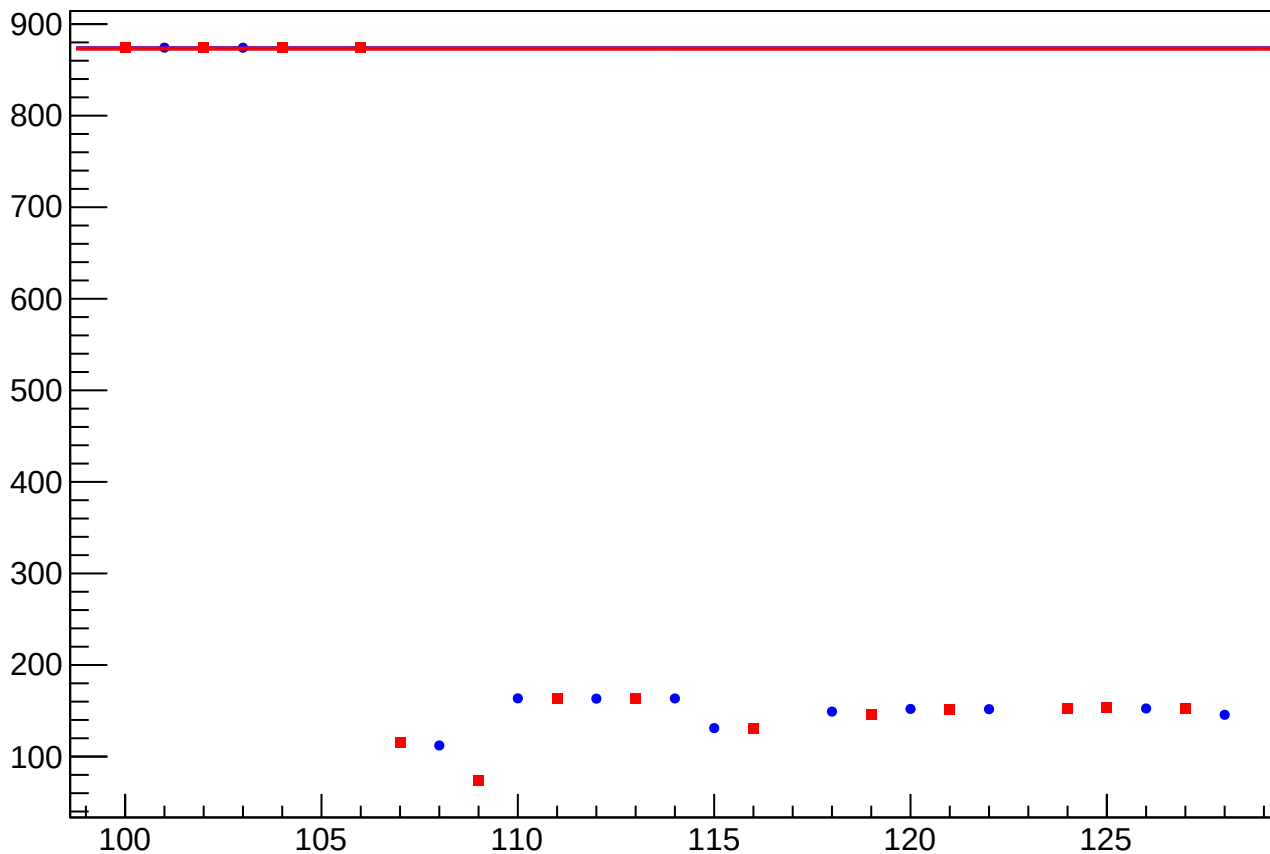
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.341+/-0.000 χ^2/NDF : 2463770.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bQ_mean vs Slug



Right In: 873.616+/-0.000 χ^2/NDF : 3143074158411.4/11

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

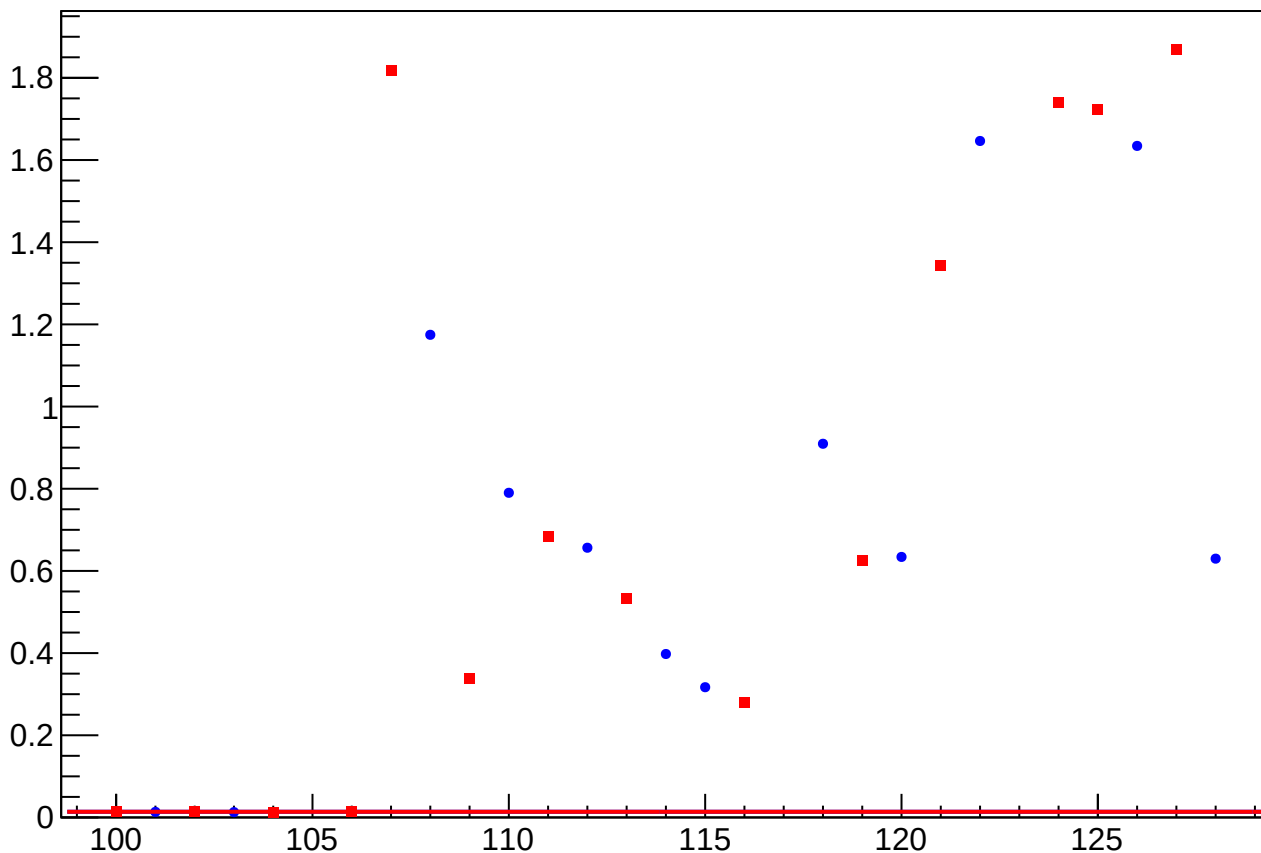
All: 873.425+/-0.000 χ^2/NDF : 887212679225

Right Out: 873.259+/-0.000 χ^2/NDF : 5728566637789.8/13

- 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 : 5838363.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 6159041.0/13

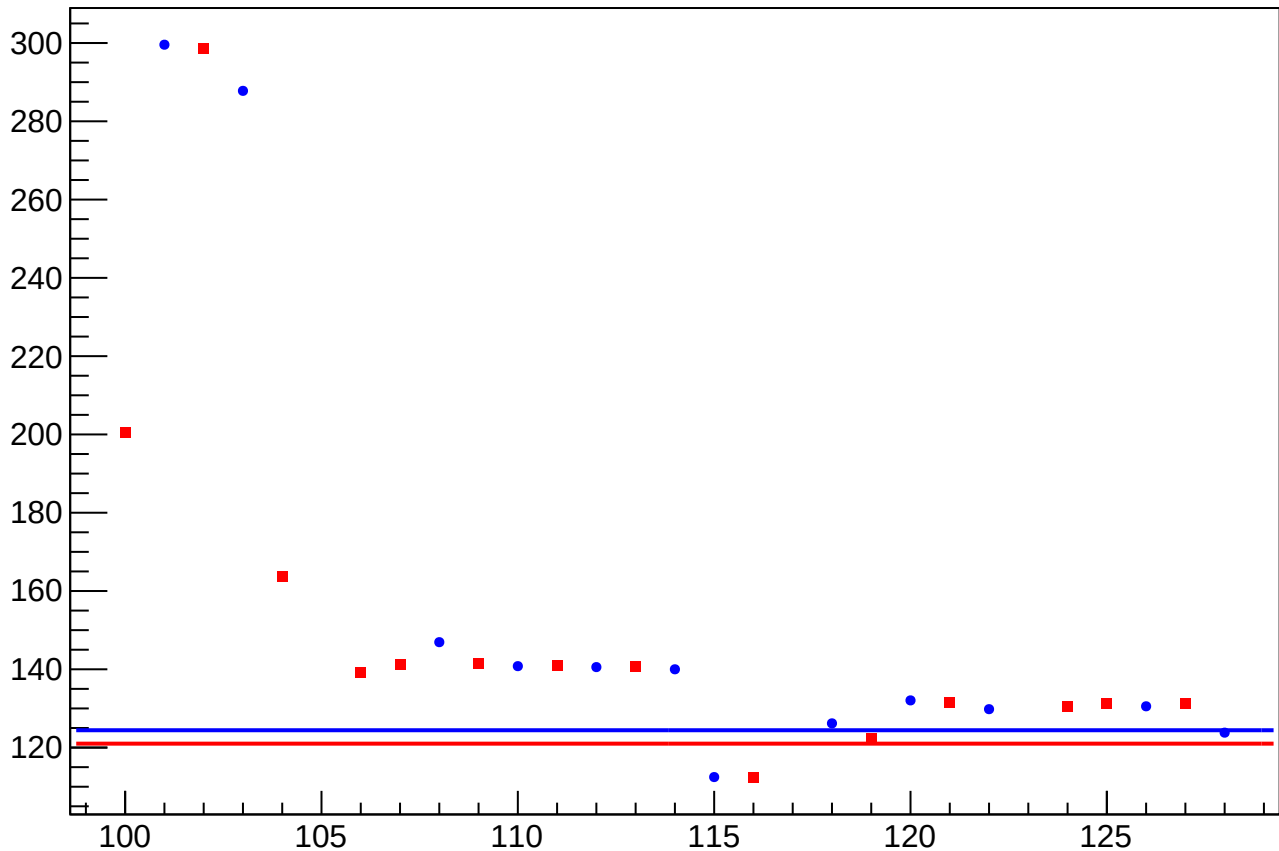
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 11997404.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cQ_mean vs Slug



Right In: 124.431+/-0.000 χ^2/NDF : 1242931058.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

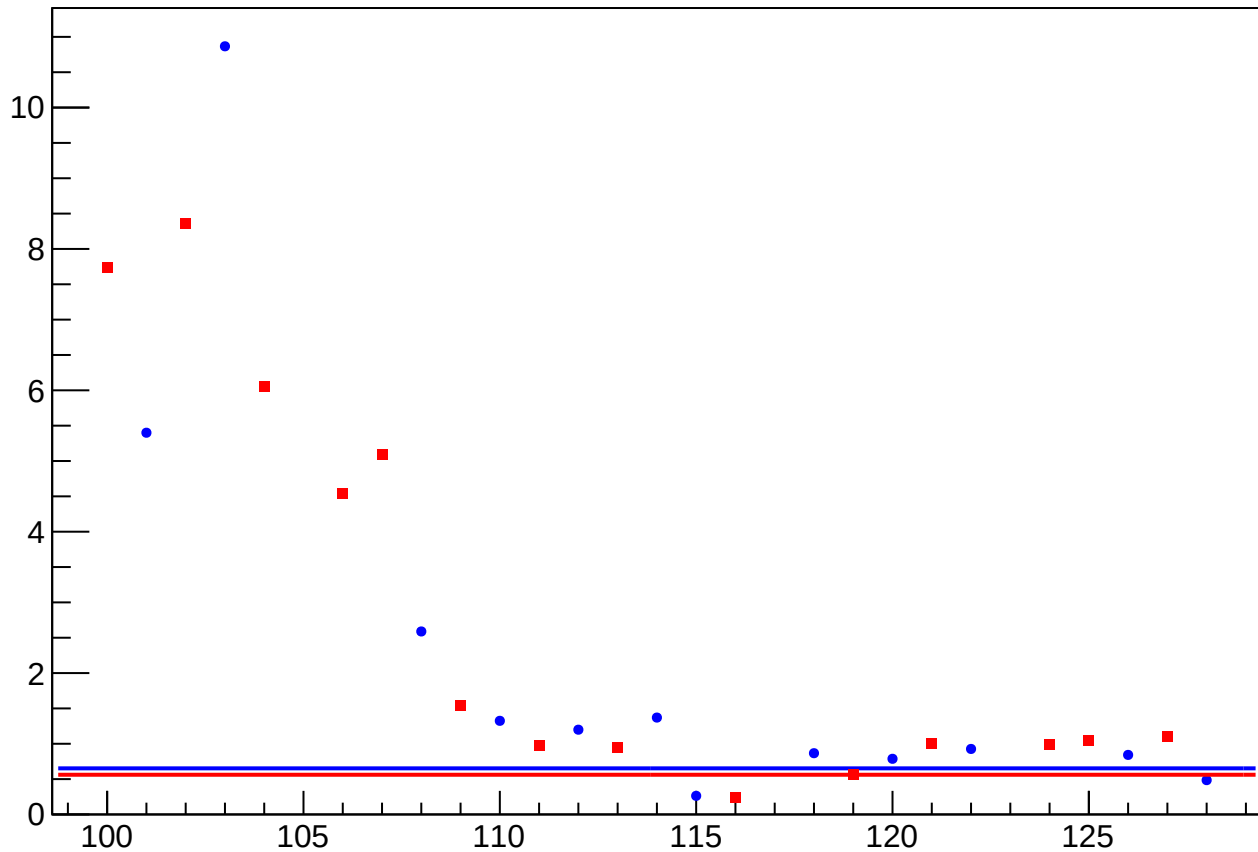
Right Out: 121.004+/-0.000 χ^2/NDF : 1122257845.5/13

All: 122.510+/-0.000 χ^2/NDF : 2403130899.5

- 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: 0.652 $\pm$ 0.000 χ^2 /NDF: 3546677.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.562 $\pm$ 0.000 χ^2 /NDF: 4604960.4/13

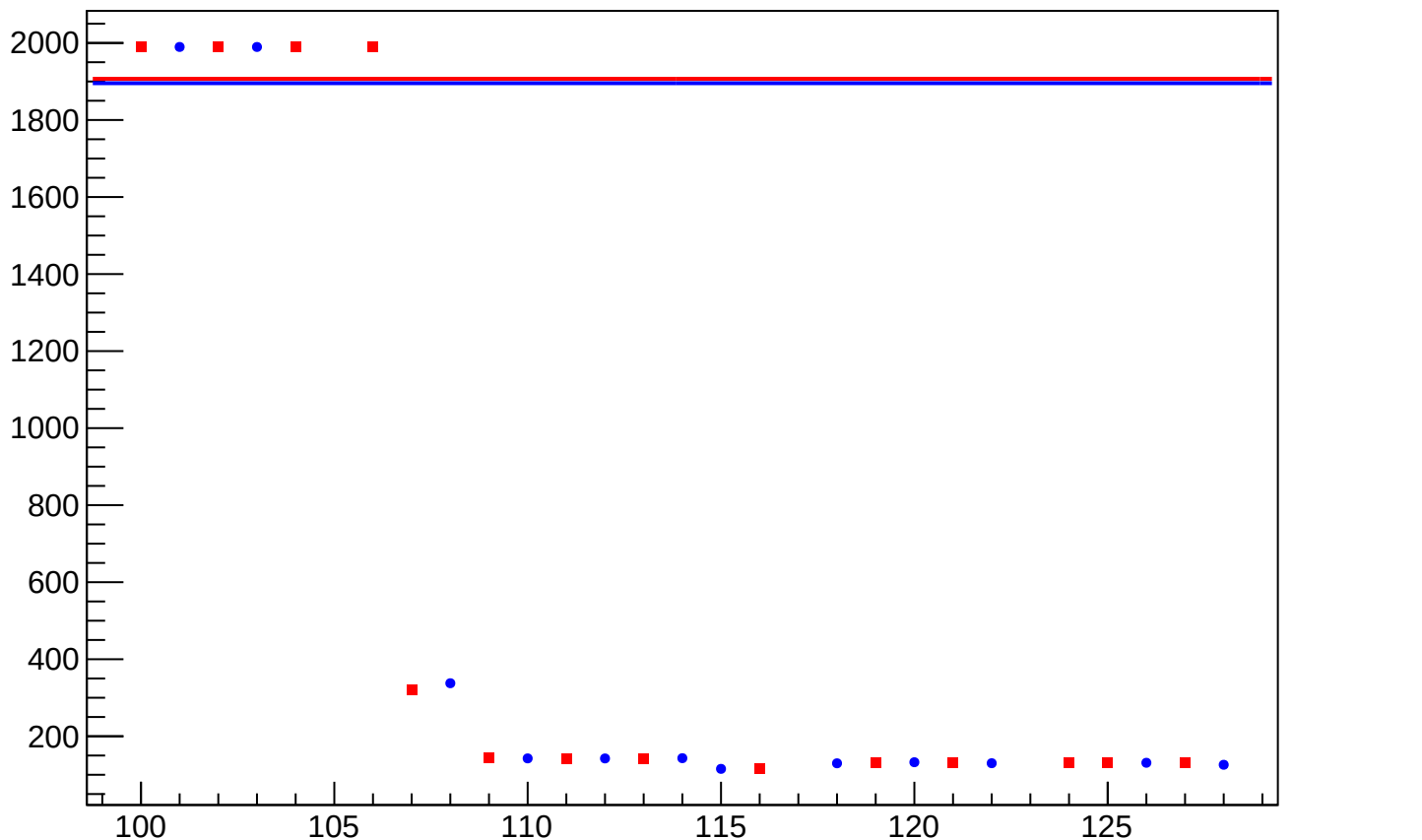
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.601 $\pm$ 0.000 χ^2 /NDF: 8204618.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4dQ_mean vs Slug



Right In: 1895.579+/-0.000 χ^2/NDF : 91611552638555.2/11

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

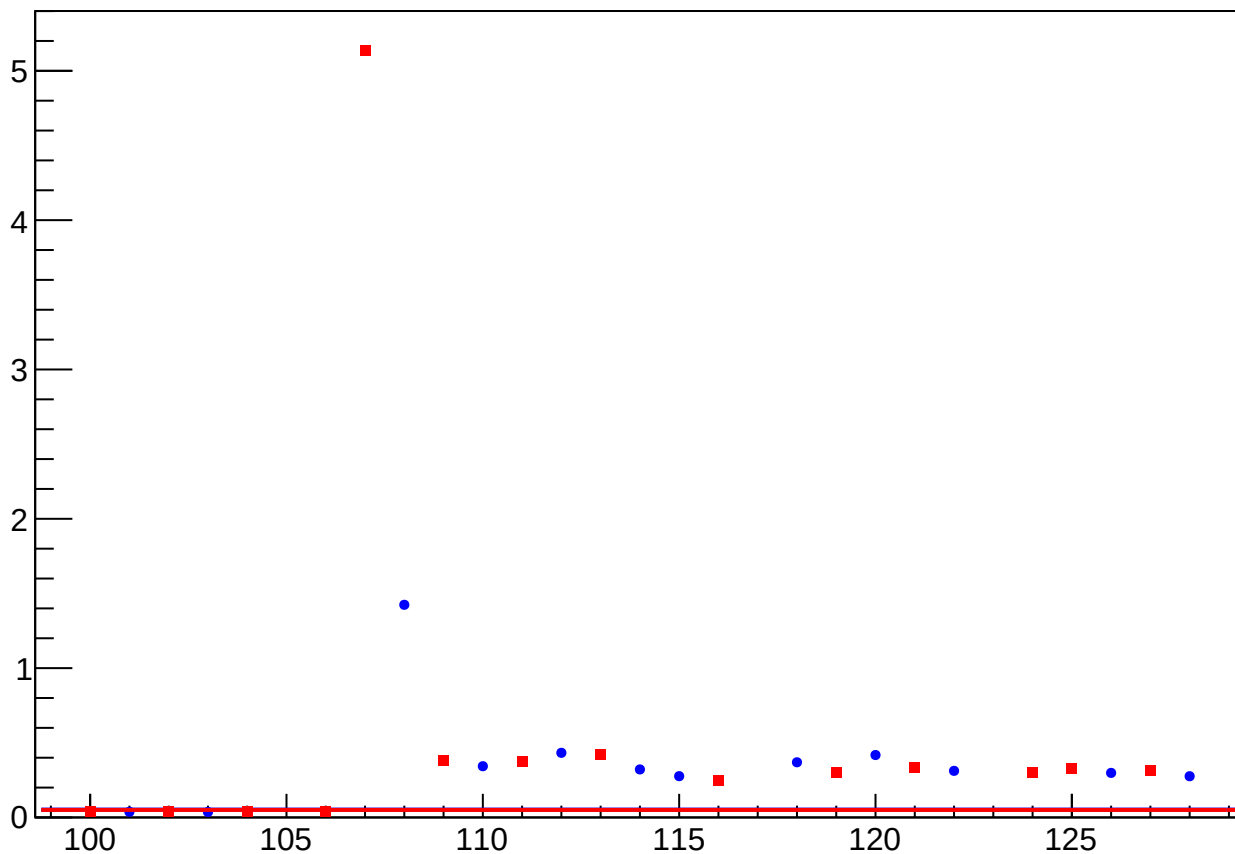
All: 1901.745+/-0.000 χ^2/NDF : 1870645435

Right Out: 1906.980+/-0.000 χ^2/NDF : 95414166759818.6/13

- 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: 0.053+/-0.000 χ^2/NDF : 5202703.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.050+/-0.000 χ^2/NDF : 5045789.2/13

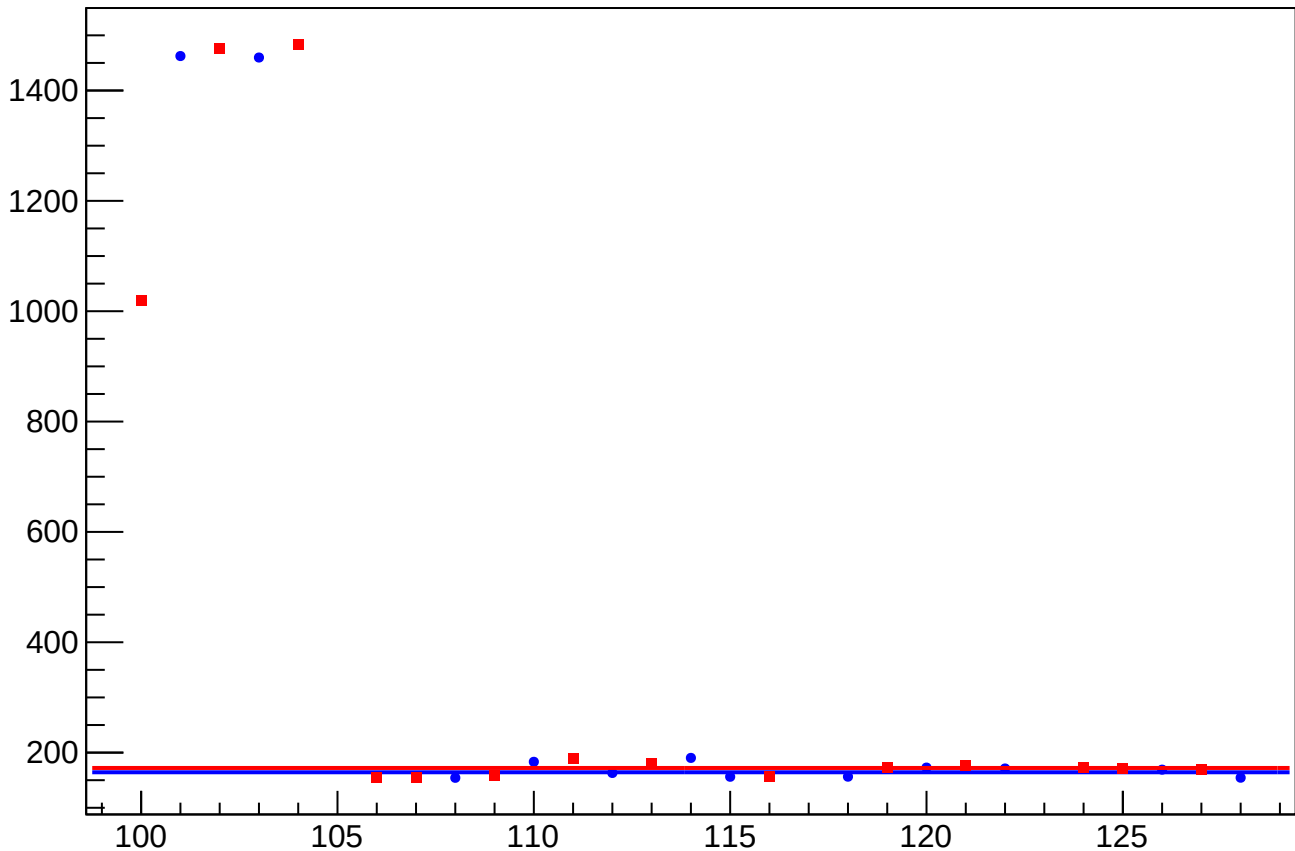
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.051+/-0.000 χ^2/NDF : 10251236.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm0l02_mean vs Slug



Right In: 164.359+/-0.001 χ^2/NDF : 14456339288.4/11

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

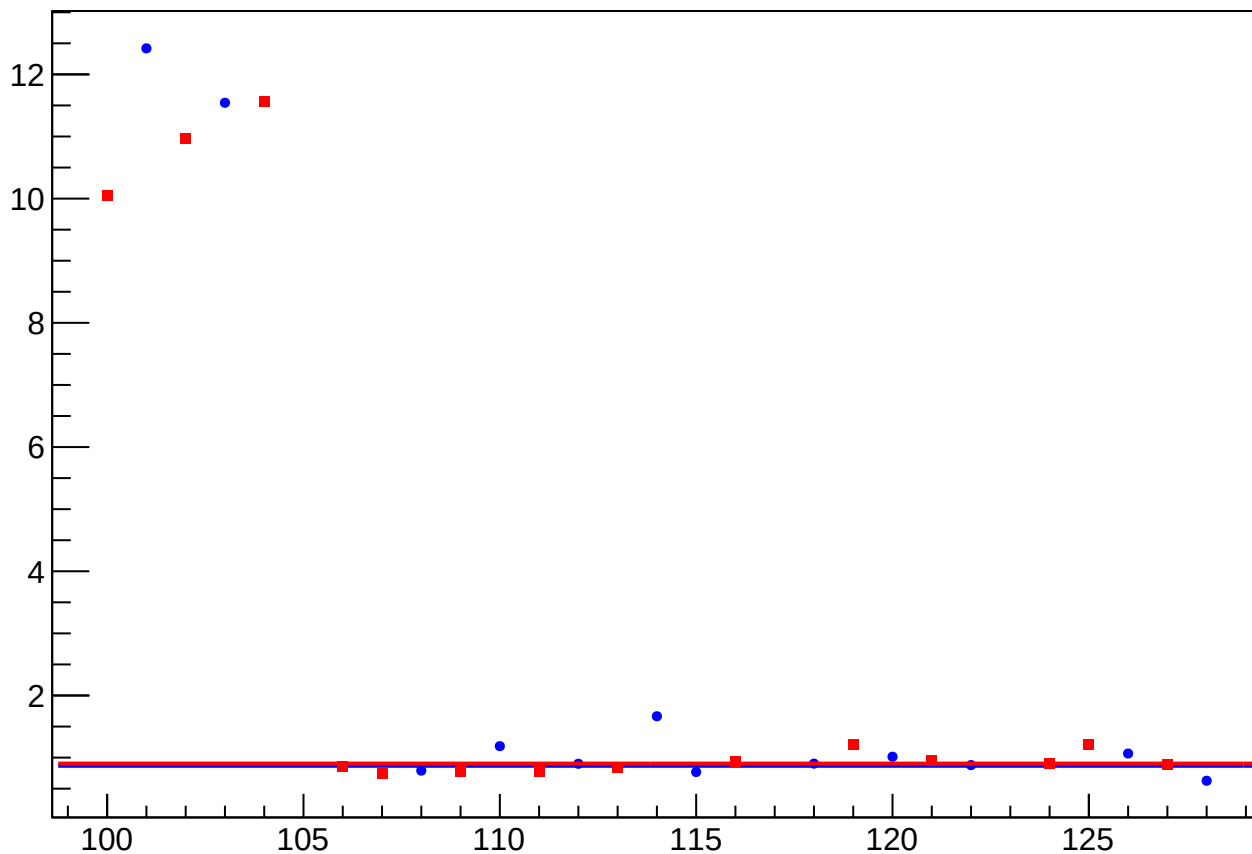
Right Out: 172.169+/-0.001 χ^2/NDF : 16042880418.6/13

All: 168.254+/-0.000 χ^2/NDF : 30608950101.0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm0l02_rms vs Slug



Right In: 0.869+/-0.000 χ^2/NDF : 2292838.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.904+/-0.000 χ^2/NDF : 2115273.3/13

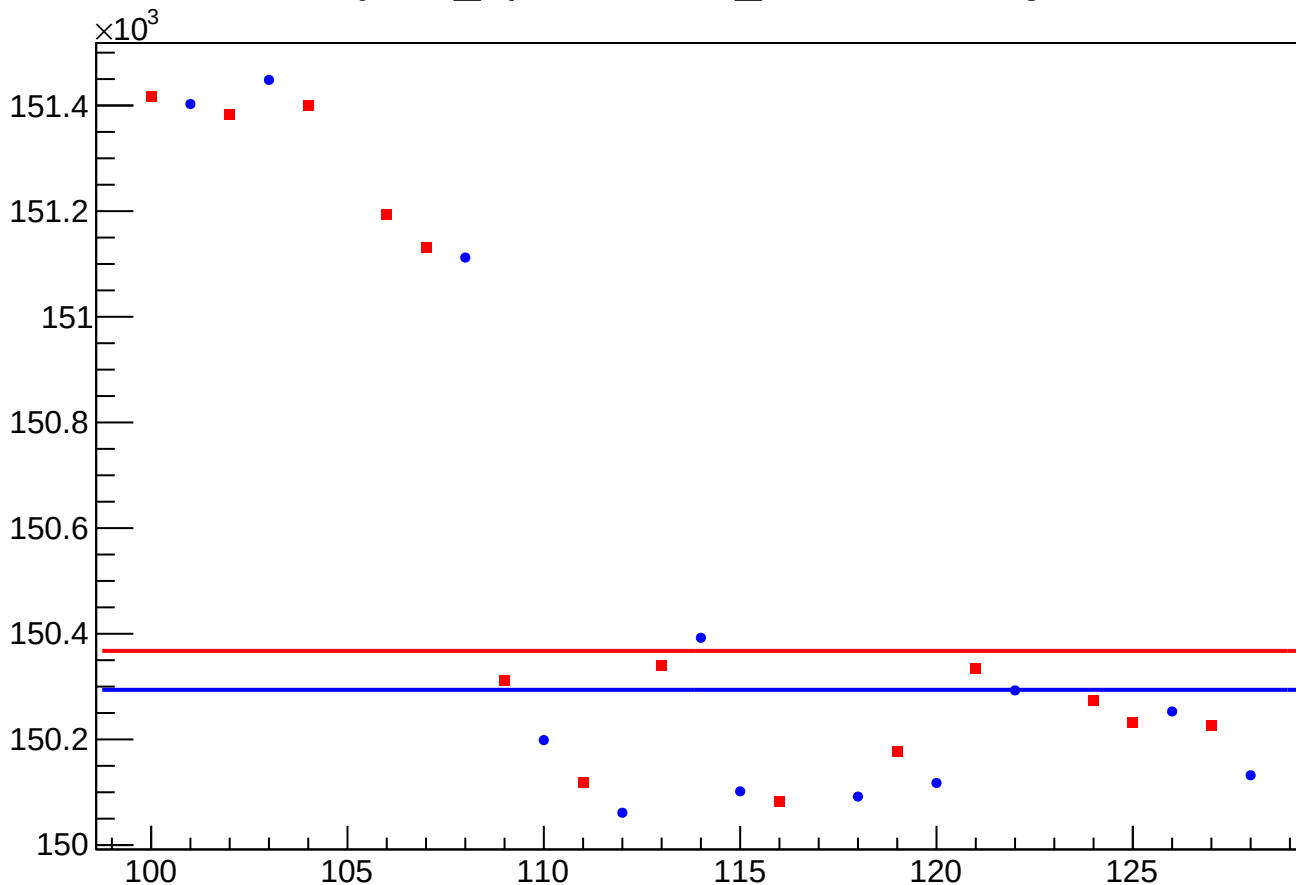
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.886+/-0.000 χ^2/NDF : 4412598.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01WS_mean vs Slug



Right In: 150293.923 $\pm$ 0.063 χ^2 /NDF: 33745381.8/11

+ 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

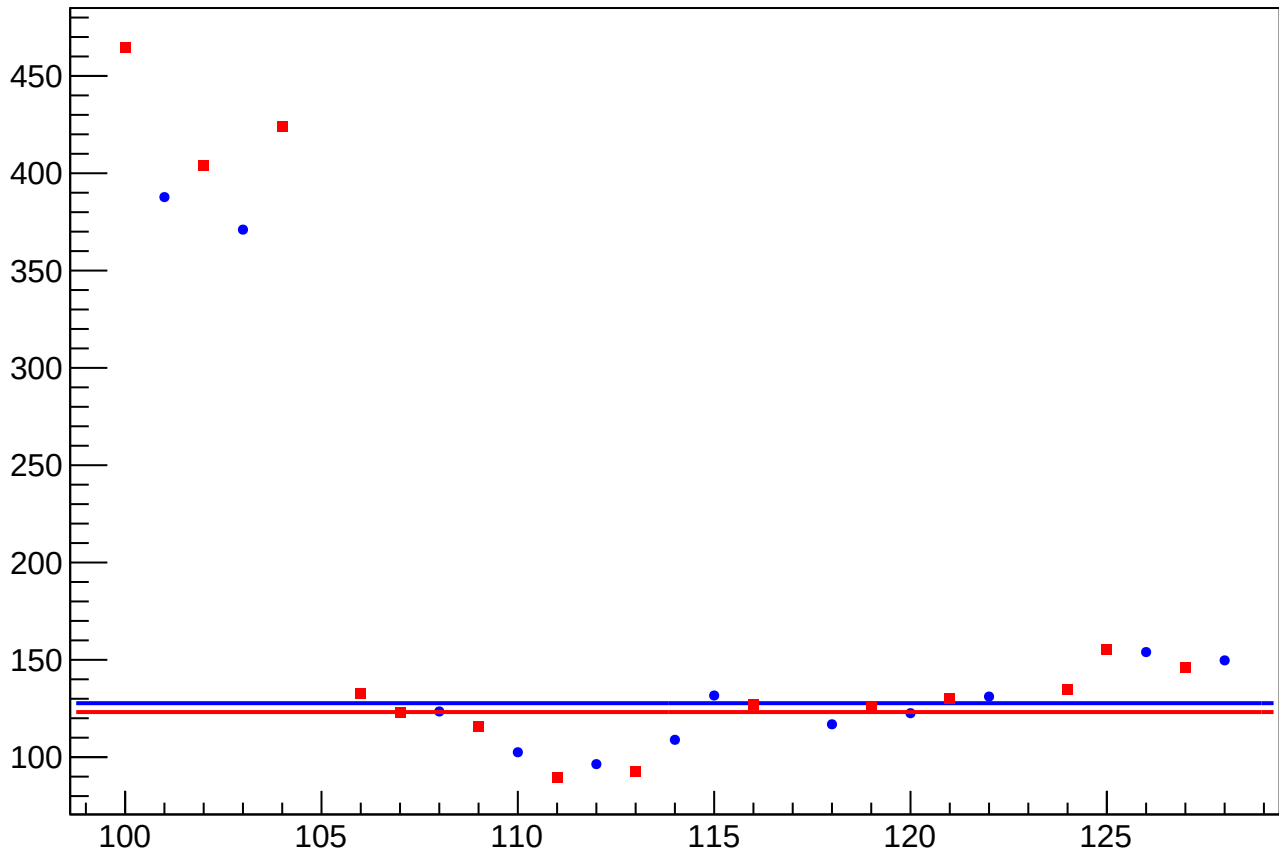
All: 150334.075 $\pm$ 0.042 χ^2 /NDF: 70362840.0

Right Out: 150367.591 $\pm$ 0.058 χ^2 /NDF: 35870974.4/13

- sign 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: 127.728 $\pm$ 0.045 χ^2 /NDF: 1273466.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

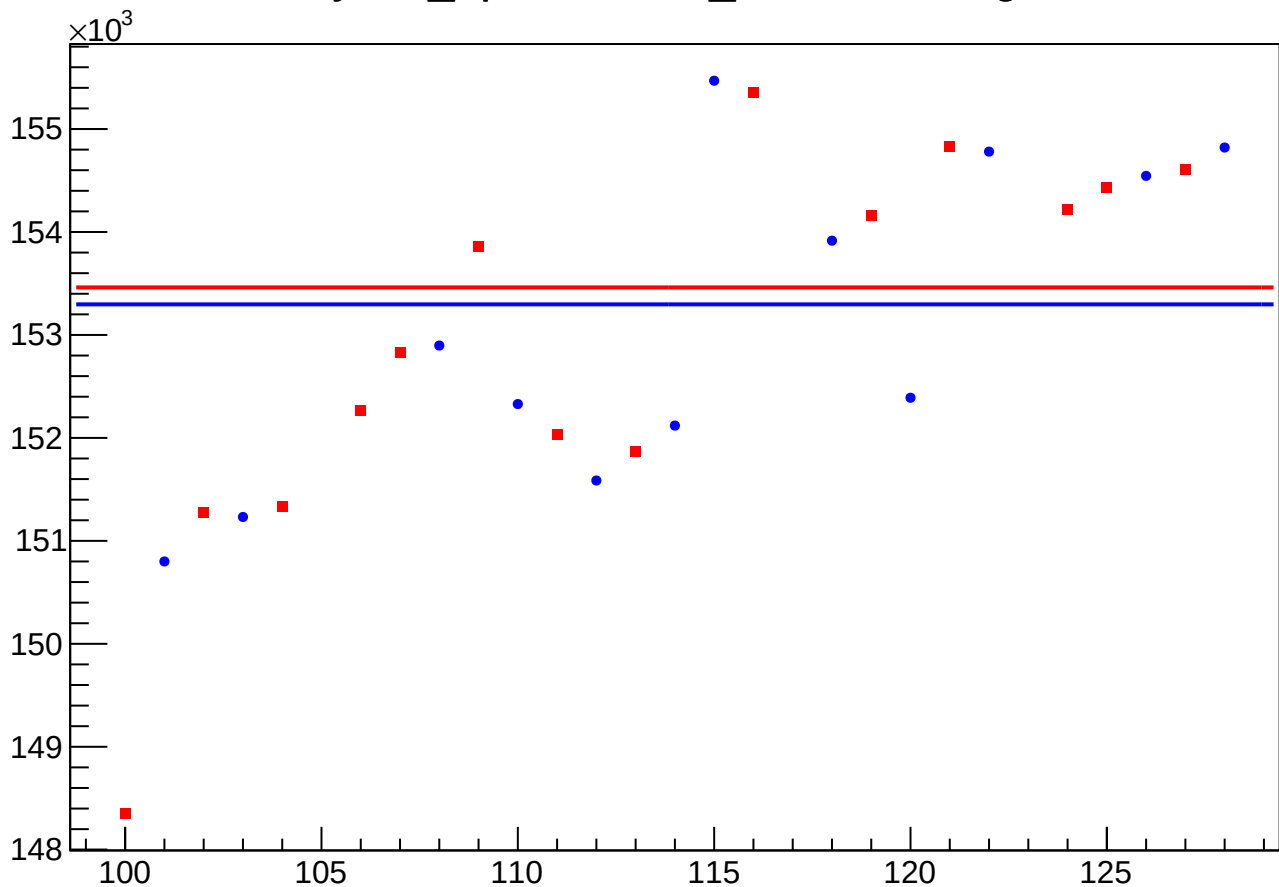
Right Out: 123.171 $\pm$ 0.041 χ^2 /NDF: 1501769.4/13

All: 125.244 $\pm$ 0.030 χ^2 /NDF: 2780949.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm0i07WS_mean vs Slug



Right In: 153297.042 $\pm$ 0.091 χ^2 /NDF: 224765246.2/11

+ 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

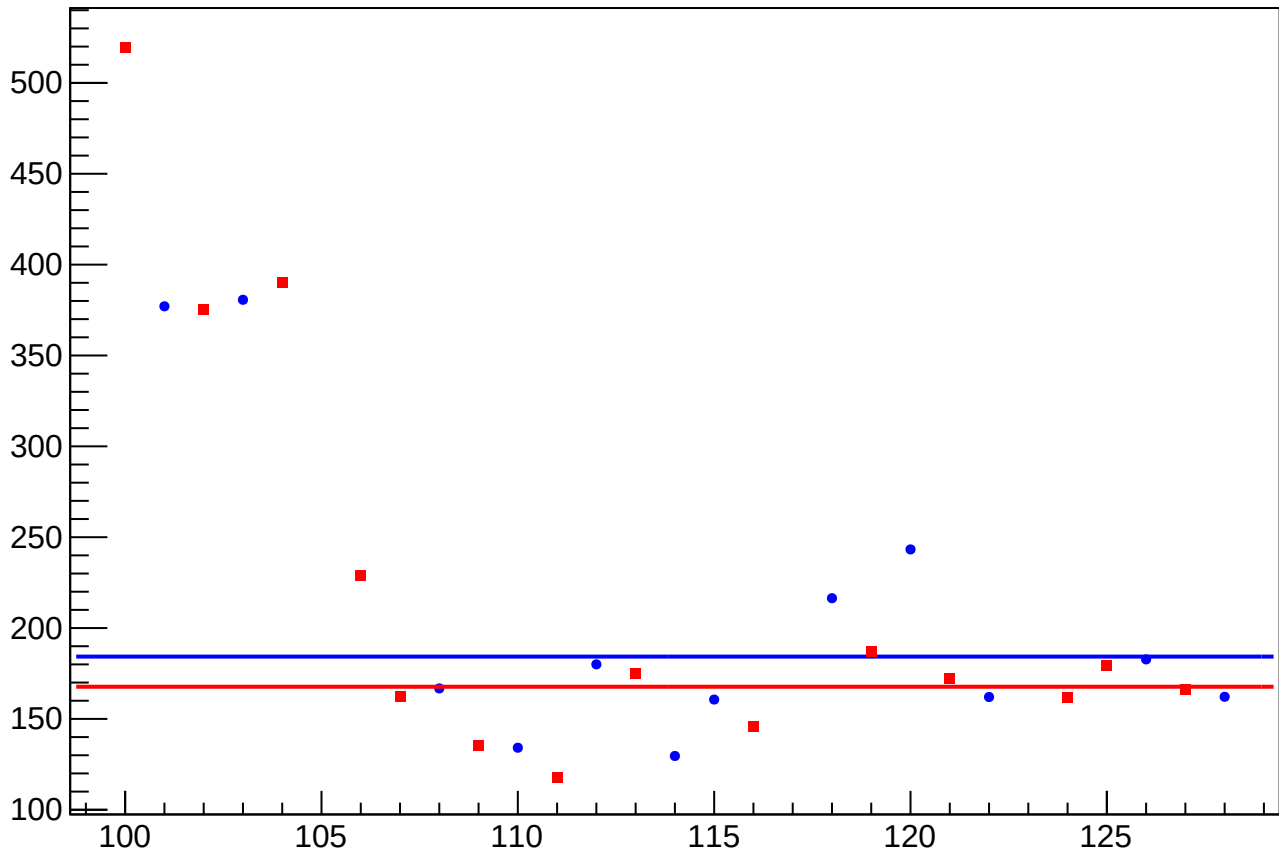
Right Out: 153461.788 $\pm$ 0.079 χ^2 /NDF: 254057963.4/13

All: 153391.340 $\pm$ 0.060 χ^2 /NDF: 480691477

- sign 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: 184.297 $\pm$ 0.064 χ^2 /NDF: 892677.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 167.707 $\pm$ 0.056 χ^2 /NDF: 1066267.1/13

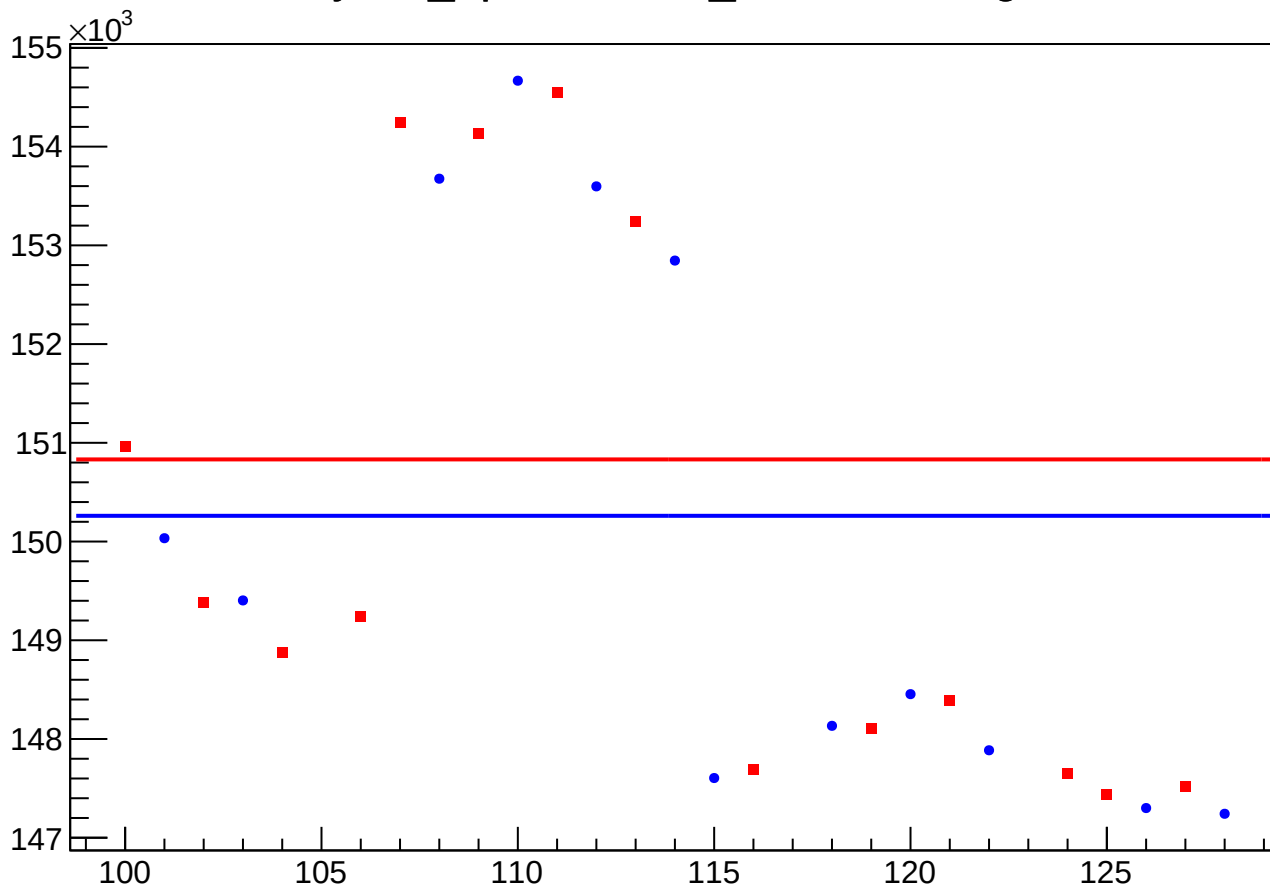
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 174.801 $\pm$ 0.042 χ^2 /NDF: 1996834.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i01WS_mean vs Slug



Right In: 150260.643 $\pm$ 0.073 χ^2 /NDF: 1624970654.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 150831.835 $\pm$ 0.069 χ^2 /NDF: 1930383587.5/13

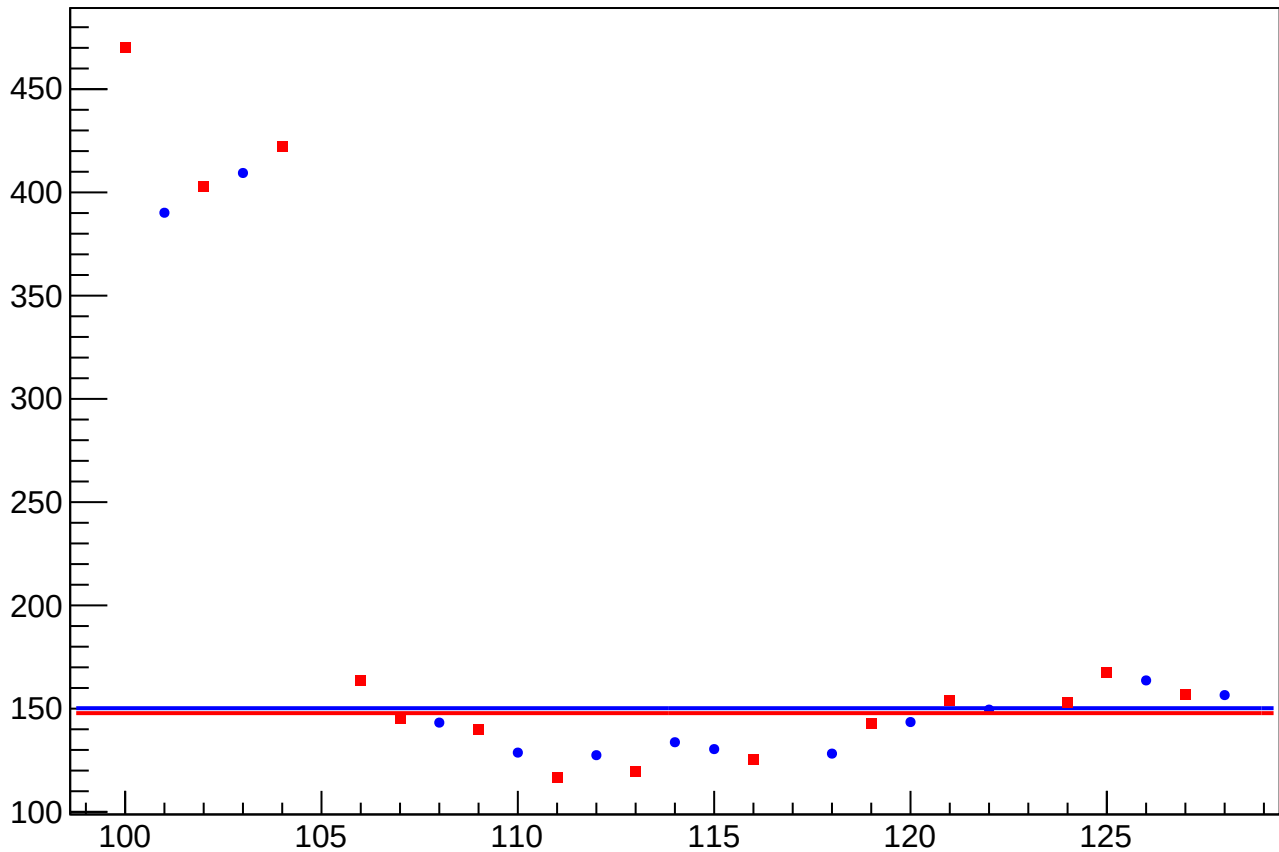
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 150563.488 $\pm$ 0.050 χ^2 /NDF: 358788940

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i01WS_rms vs Slug



Right In: 150.212 $\pm$ 0.052 χ^2 /NDF: 1076845.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 147.819 $\pm$ 0.049 χ^2 /NDF: 1172600.3/13

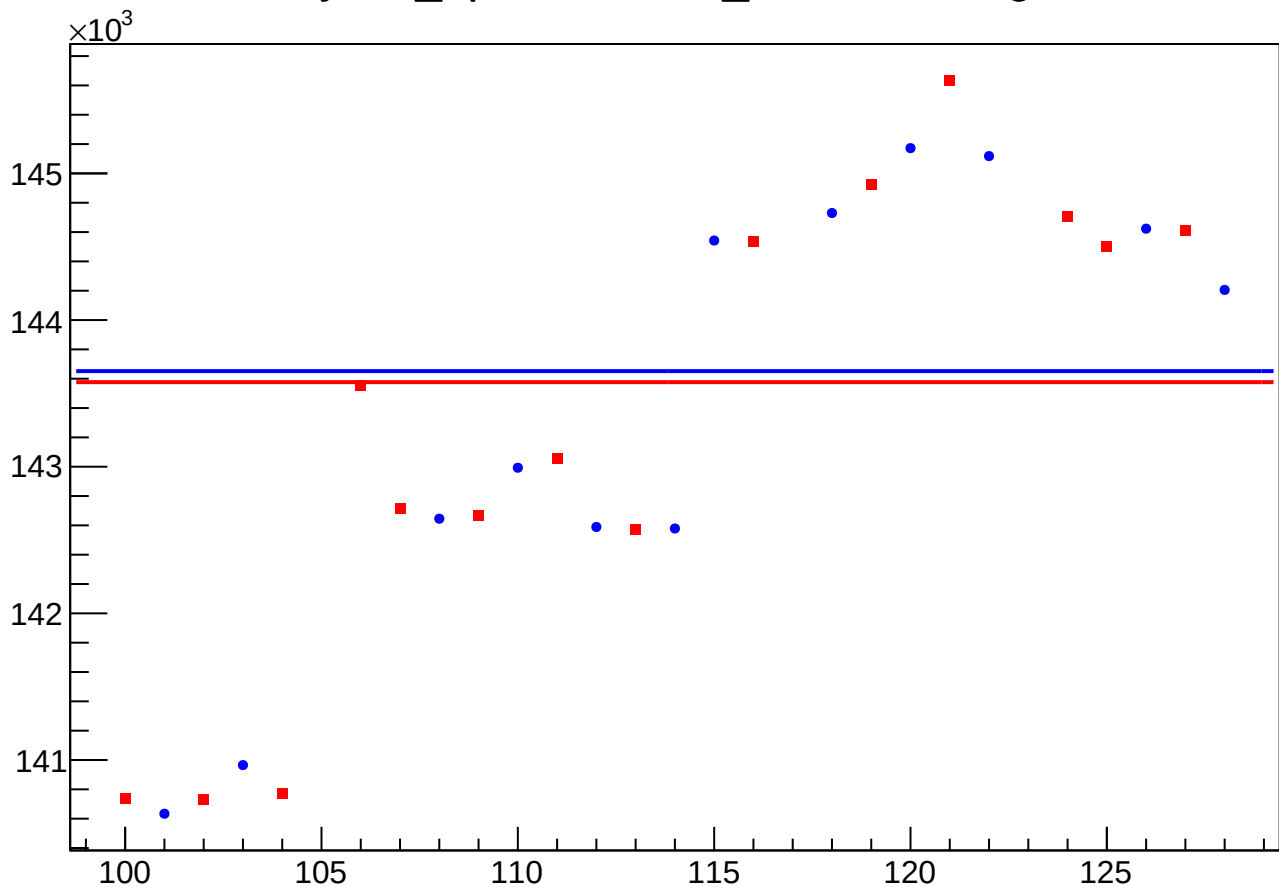
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 148.943 $\pm$ 0.035 χ^2 /NDF: 2250588.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i01aWS_mean vs Slug



Right In: 143651.876 $\pm$ 0.061 χ^2 /NDF: 363873062.6/11

+ 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

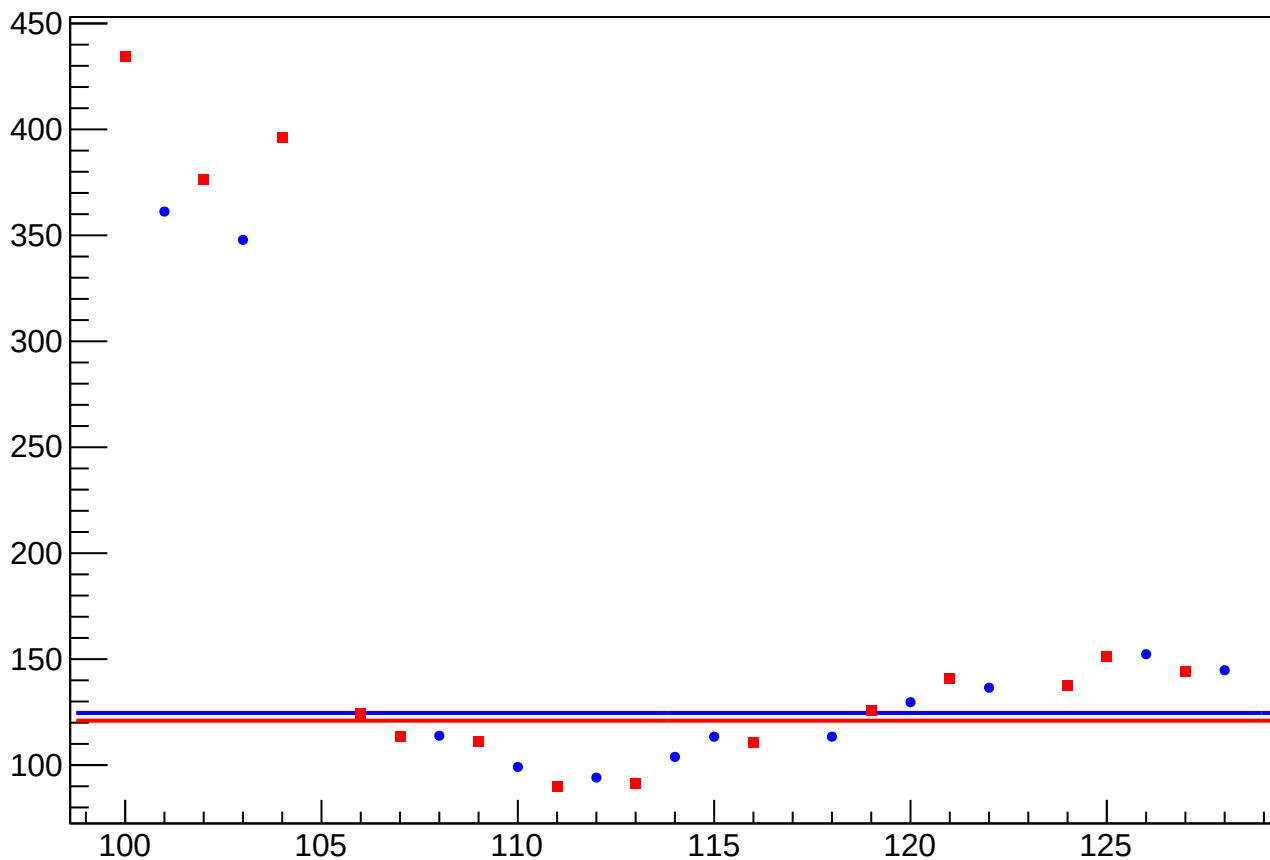
Right Out: 143576.538 $\pm$ 0.056 χ^2 /NDF: 401997736.1/13

All: 143610.975 $\pm$ 0.042 χ^2 /NDF: 766688440

- sign 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: 124.612 $\pm$ 0.043 χ^2 /NDF: 1250421.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 120.979 $\pm$ 0.040 χ^2 /NDF: 1453141.8/13

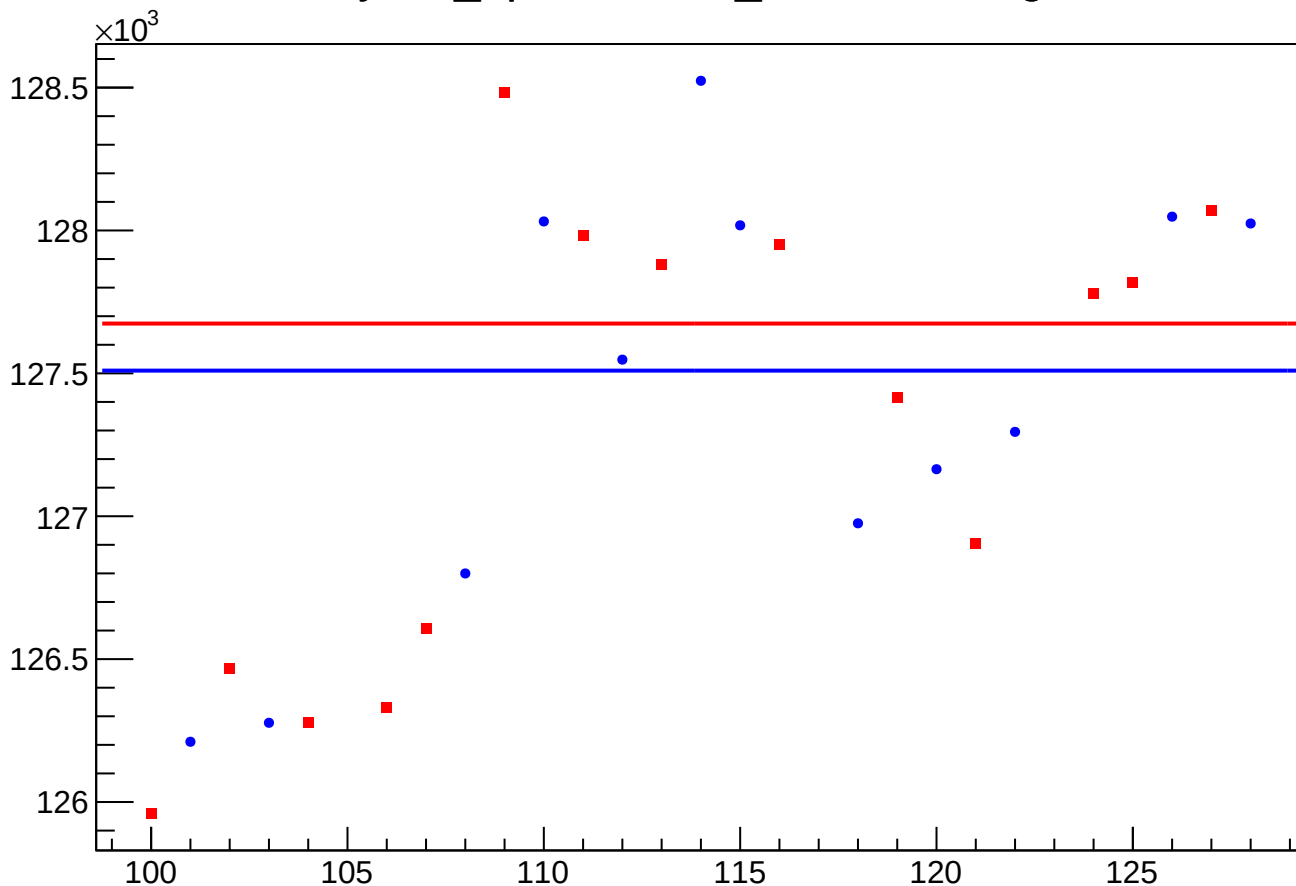
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 122.640 $\pm$ 0.029 χ^2 /NDF: 2707366.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l01WS_mean vs Slug



Right In: 127509.597 $\pm$ 0.071 χ^2 /NDF: 69581209.4/11

+ 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

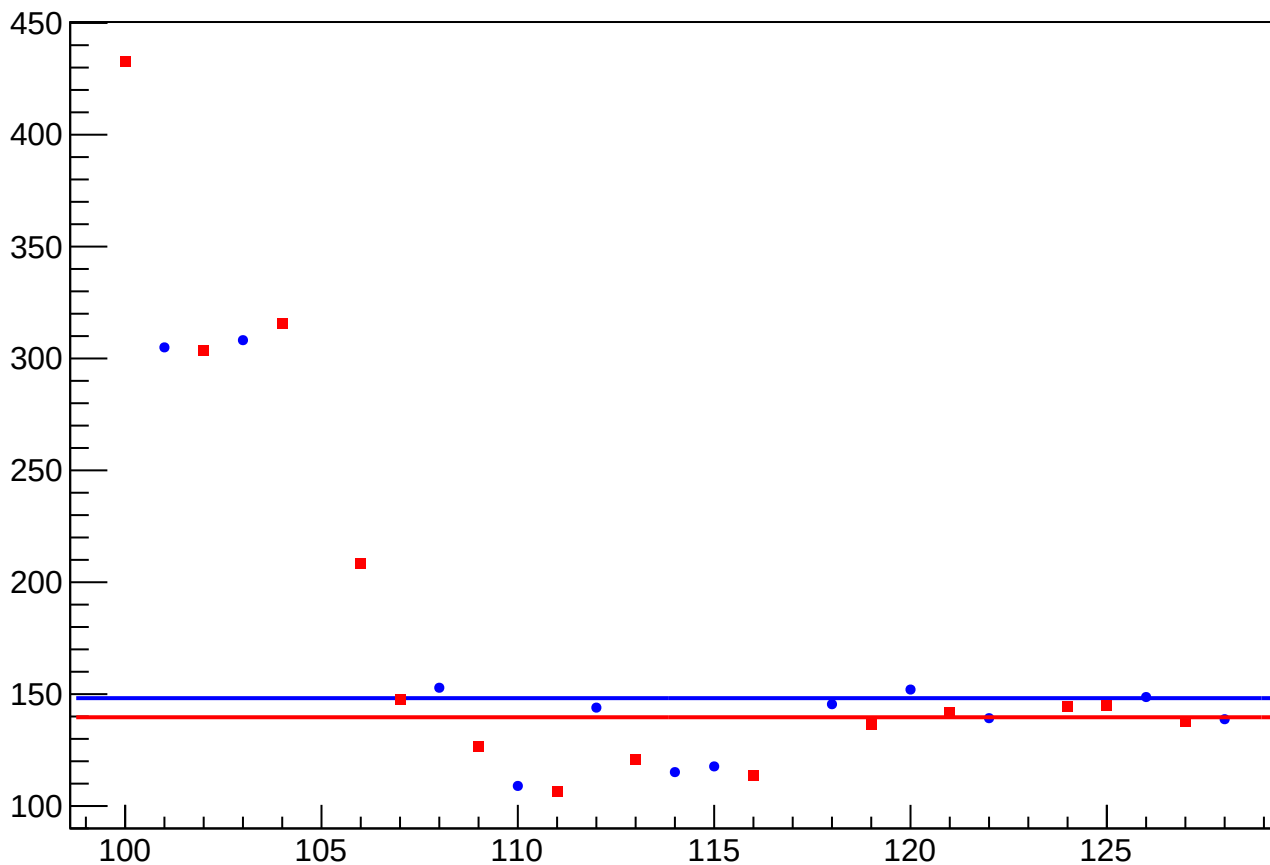
All: 127600.982 $\pm$ 0.047 χ^2 /NDF: 163359542

Right Out: 127674.275 $\pm$ 0.064 χ^2 /NDF: 90809513.4/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l01WS_rms vs Slug



Right In: 148.201+/-0.050 χ^2/NDF : 807985.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.665+/-0.045 χ^2/NDF : 970620.6/13

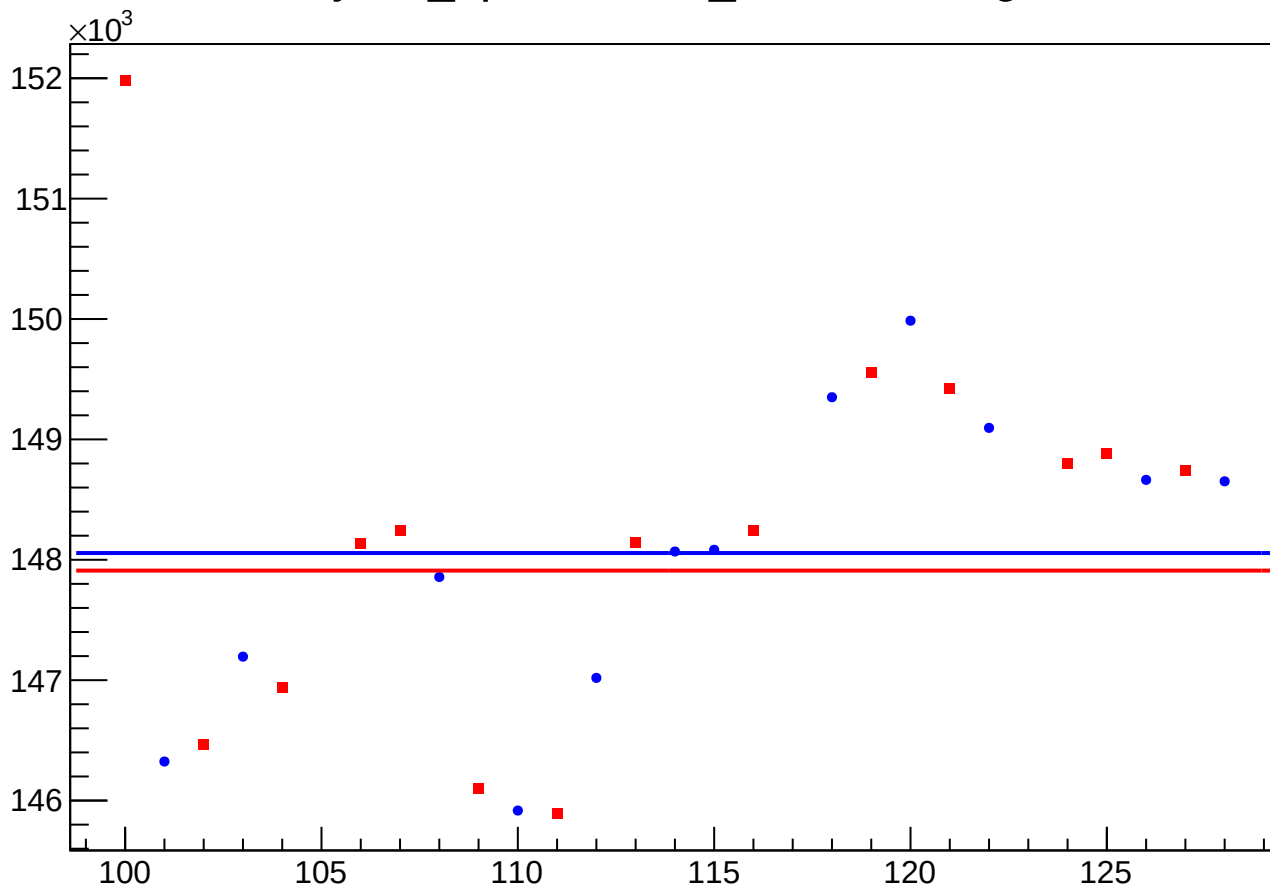
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.464+/-0.034 χ^2/NDF : 1794563.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02WS_mean vs Slug



Right In: 148056.091 $\pm$ 0.104 χ^2 /NDF: 109324812.4/11

+ 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

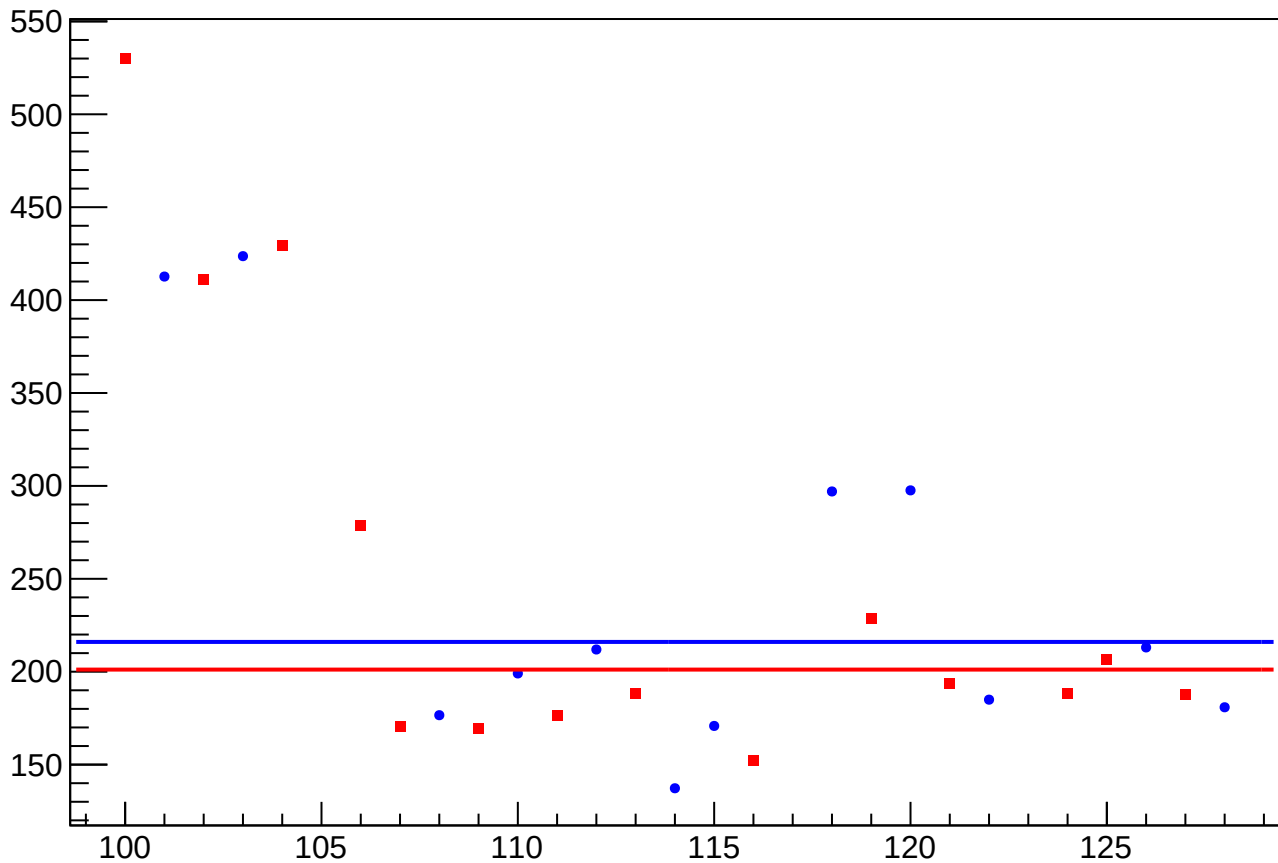
Right Out: 147910.270 $\pm$ 0.092 χ^2 /NDF: 206756350.7/13

All: 147973.792 $\pm$ 0.069 χ^2 /NDF: 317180885.0/13

- sign 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: 216.030 $\pm$ 0.074 χ^2 /NDF: 904503.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 201.142 $\pm$ 0.065 χ^2 /NDF: 870636.9/13

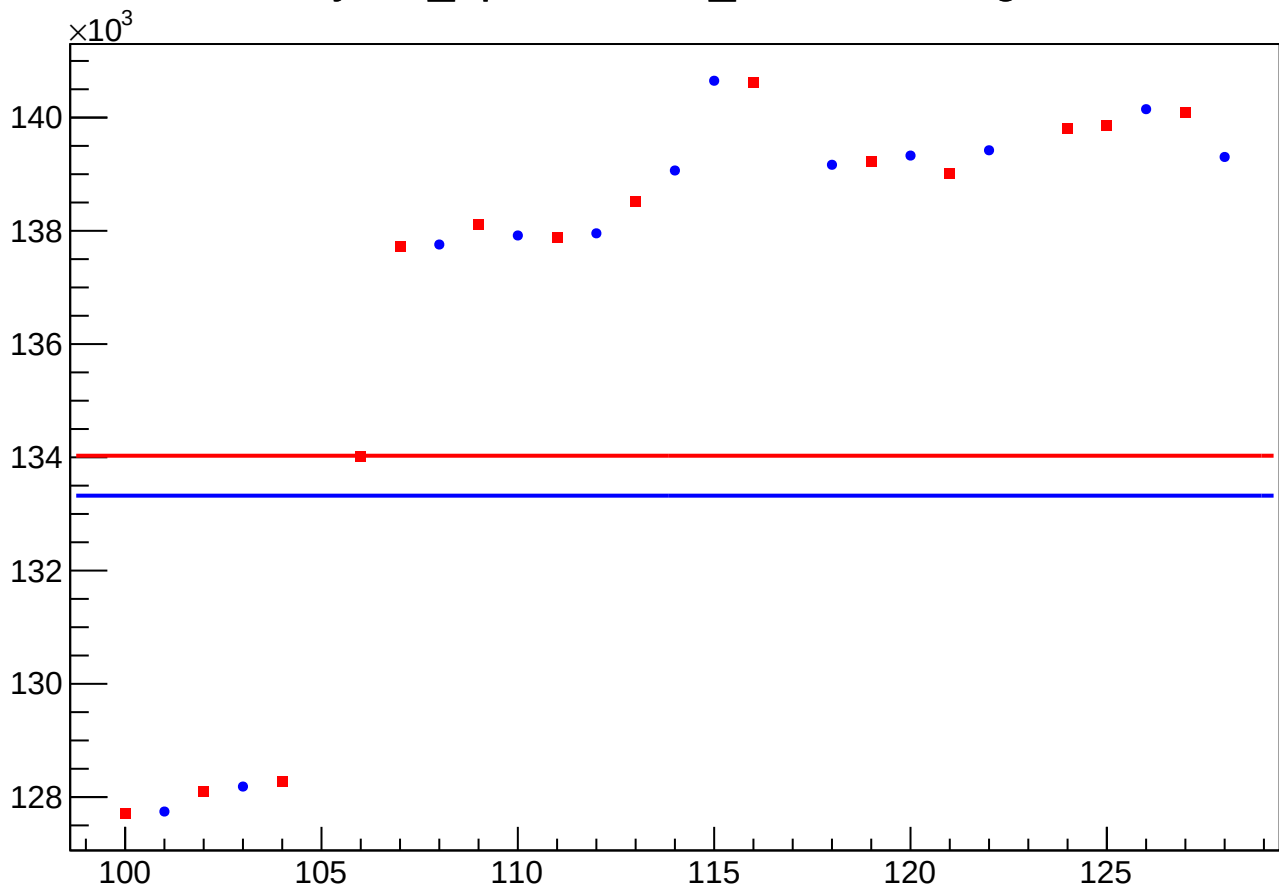
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 207.627 $\pm$ 0.049 χ^2 /NDF: 1798065.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l03WS_mean vs Slug



Right In: 133323.072 $\pm$ 0.202 χ^2 /NDF: 749597814.1/11

+ 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

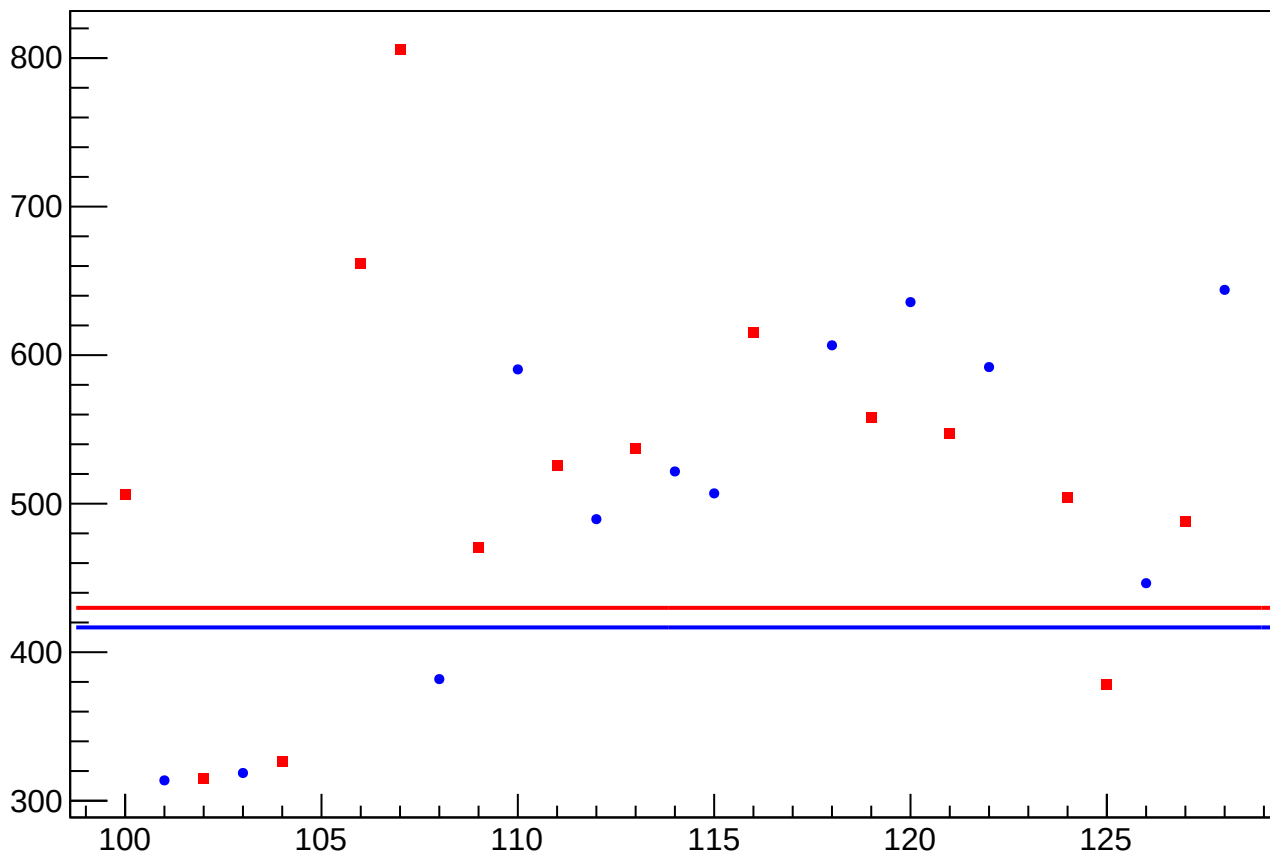
Right Out: 134028.361 $\pm$ 0.196 χ^2 /NDF: 751225319.9/13

All: 133685.123 $\pm$ 0.141 χ^2 /NDF: 150709569

- sign 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: 416.693+/-0.143 χ^2/NDF : 712858.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 429.870+/-0.139 χ^2/NDF : 685713.7/13

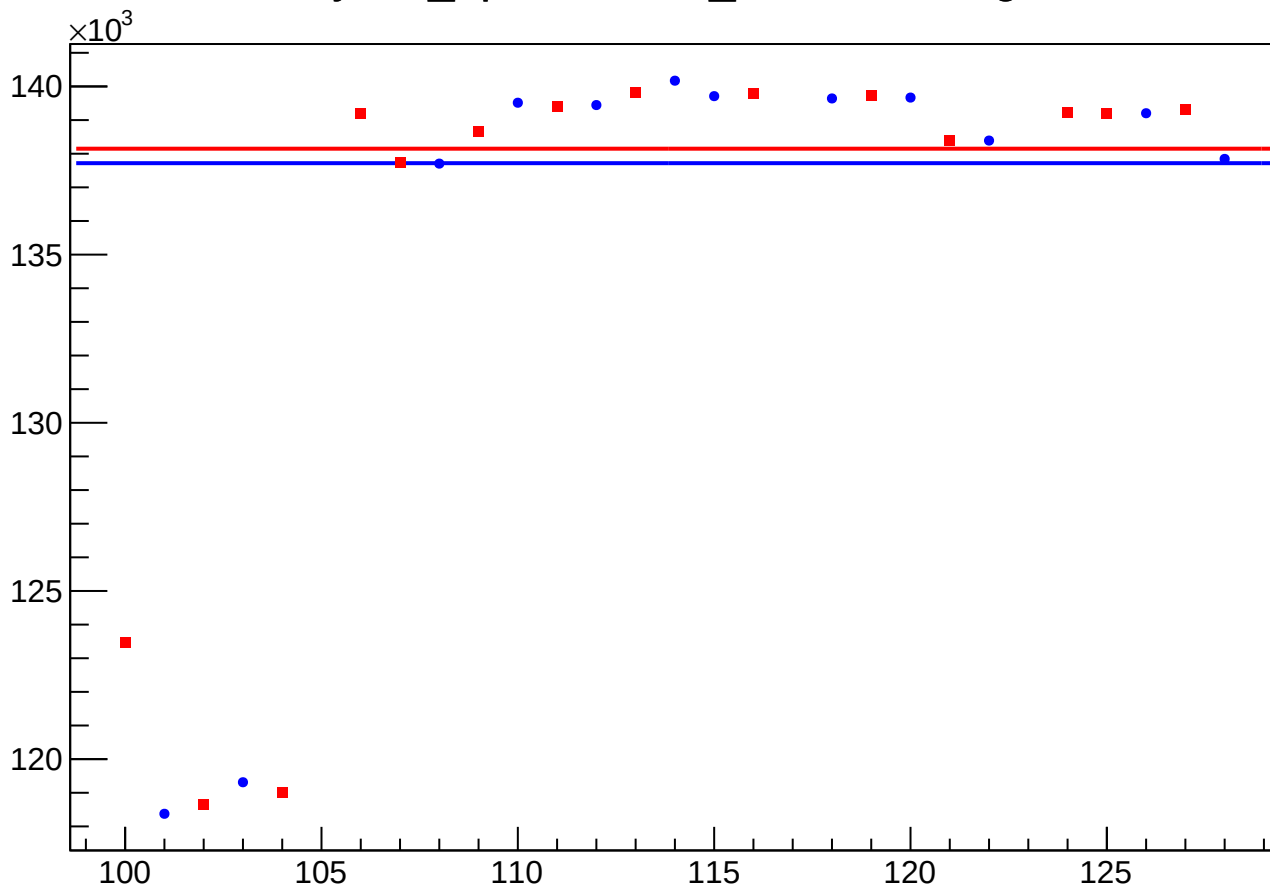
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.457+/-0.100 χ^2/NDF : 1402950.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04WS_mean vs Slug



Right In: 137718.860 $\pm$ 0.080 χ^2 /NDF: 4422499177.0/11

+ 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

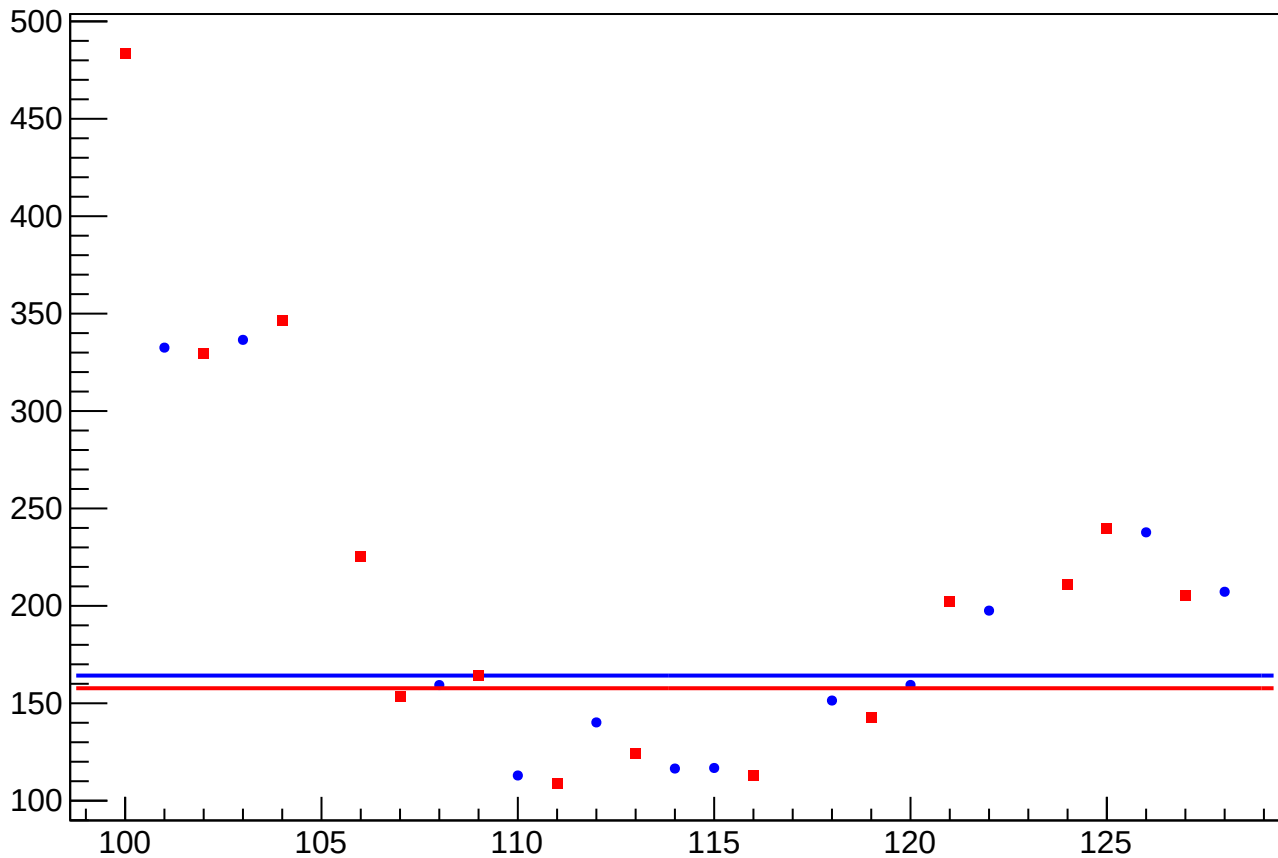
All: 137952.931 $\pm$ 0.054 χ^2 /NDF: 865214248

Right Out: 138149.364 $\pm$ 0.073 χ^2 /NDF: 4213910717.7/13

- sign 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: 164.223+/-0.057 χ^2/NDF : 1042509.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

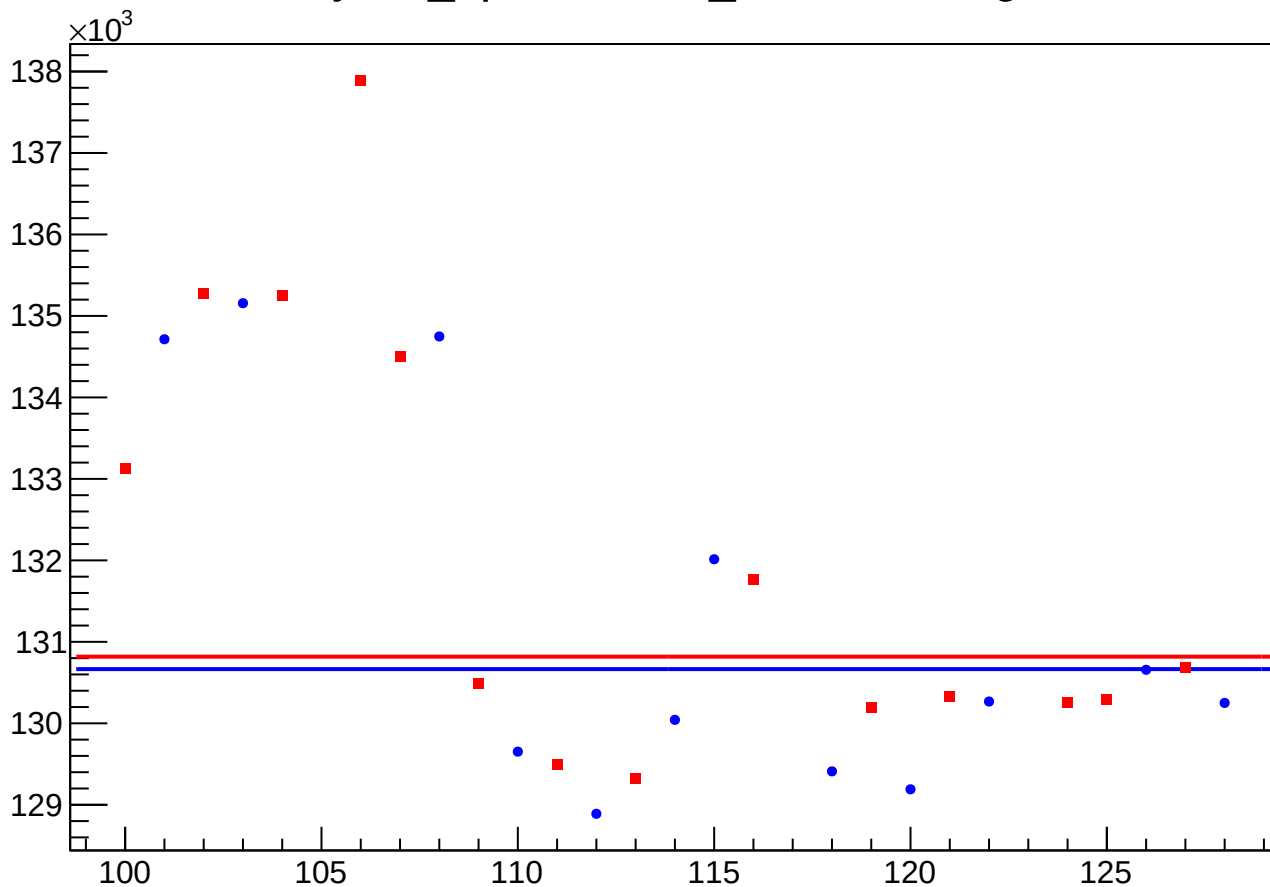
Right Out: 157.721+/-0.052 χ^2/NDF : 1288094.5/13

All: 160.688+/-0.038 χ^2/NDF : 2337781.9/25

- 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: 130665.485 $\pm$ 0.083 χ^2 /NDF: 532906515.9/11

+ 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

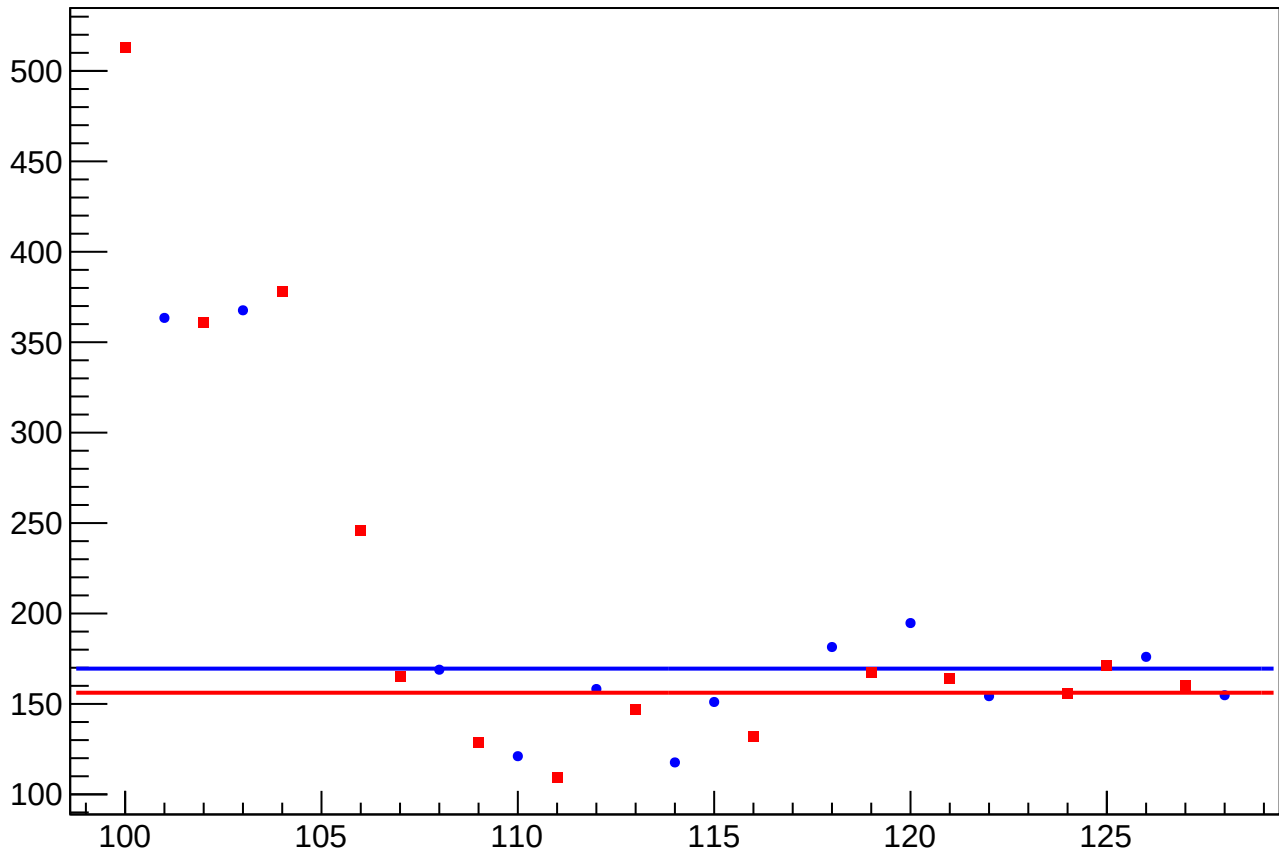
Right Out: 130818.425 $\pm$ 0.073 χ^2 /NDF: 646546297.2/13

All: 130751.838 $\pm$ 0.055 χ^2 /NDF: 118137347

- sign 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: 169.521+/-0.059 χ^2/NDF : 913077.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.189+/-0.051 χ^2/NDF : 1149190.2/13

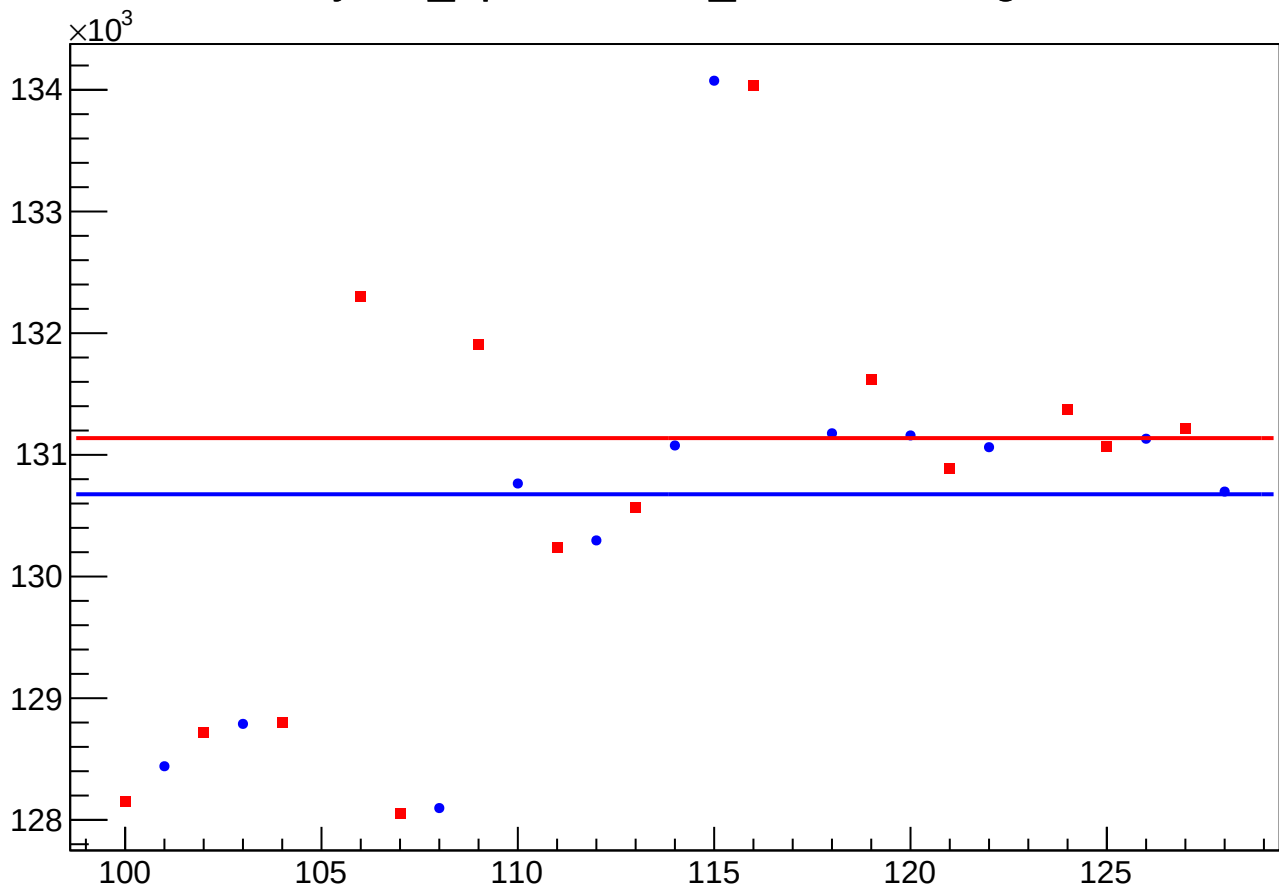
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.994+/-0.039 χ^2/NDF : 2091454.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l06WS_mean vs Slug



Right In: 130676.145 $\pm$ 0.072 χ^2 /NDF: 306837630.5/11

+ 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

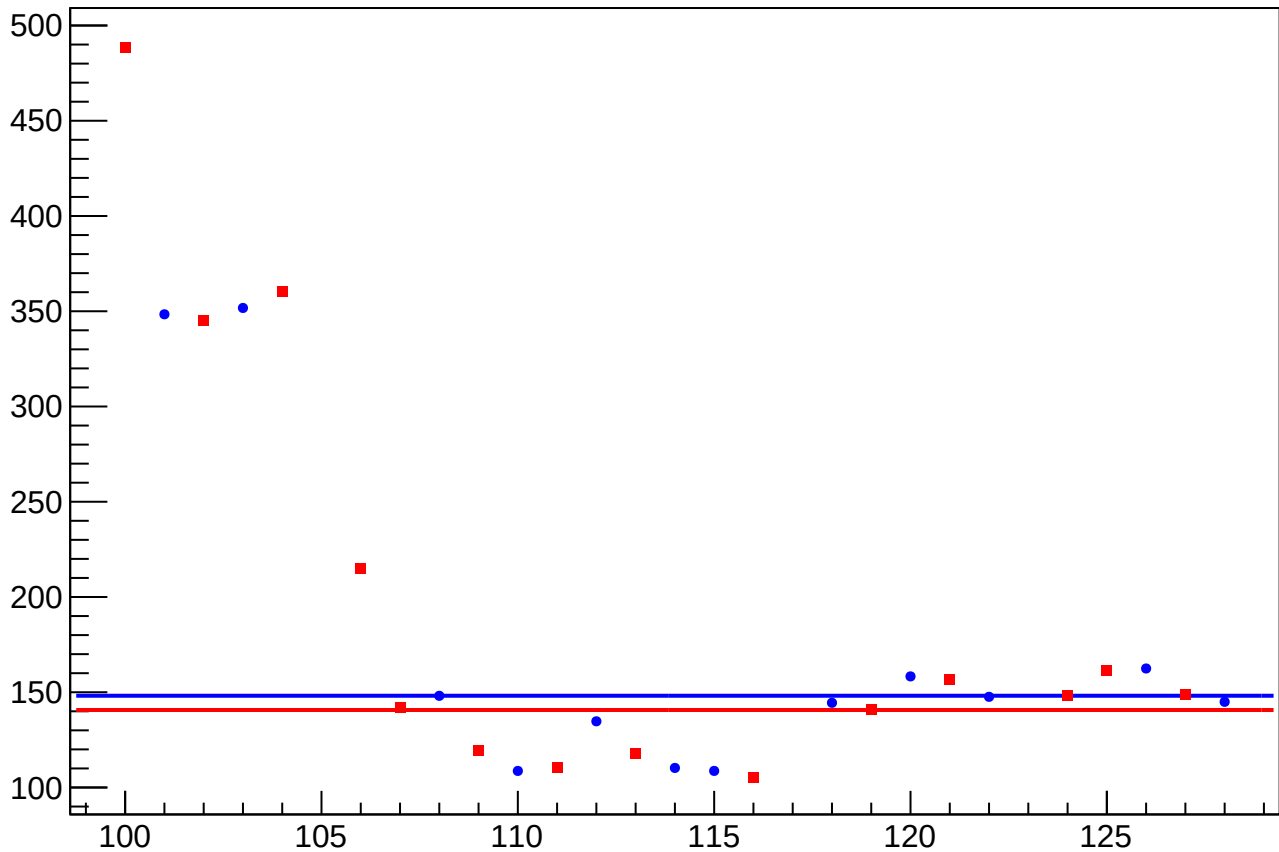
Right Out: 131137.642 $\pm$ 0.065 χ^2 /NDF: 432471601.8/13

All: 130930.351 $\pm$ 0.048 χ^2 /NDF: 762004160

- sign 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: 148.165 $\pm$ 0.051 χ^2 /NDF: 1008652.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 140.678 $\pm$ 0.046 χ^2 /NDF: 1186523.5/13

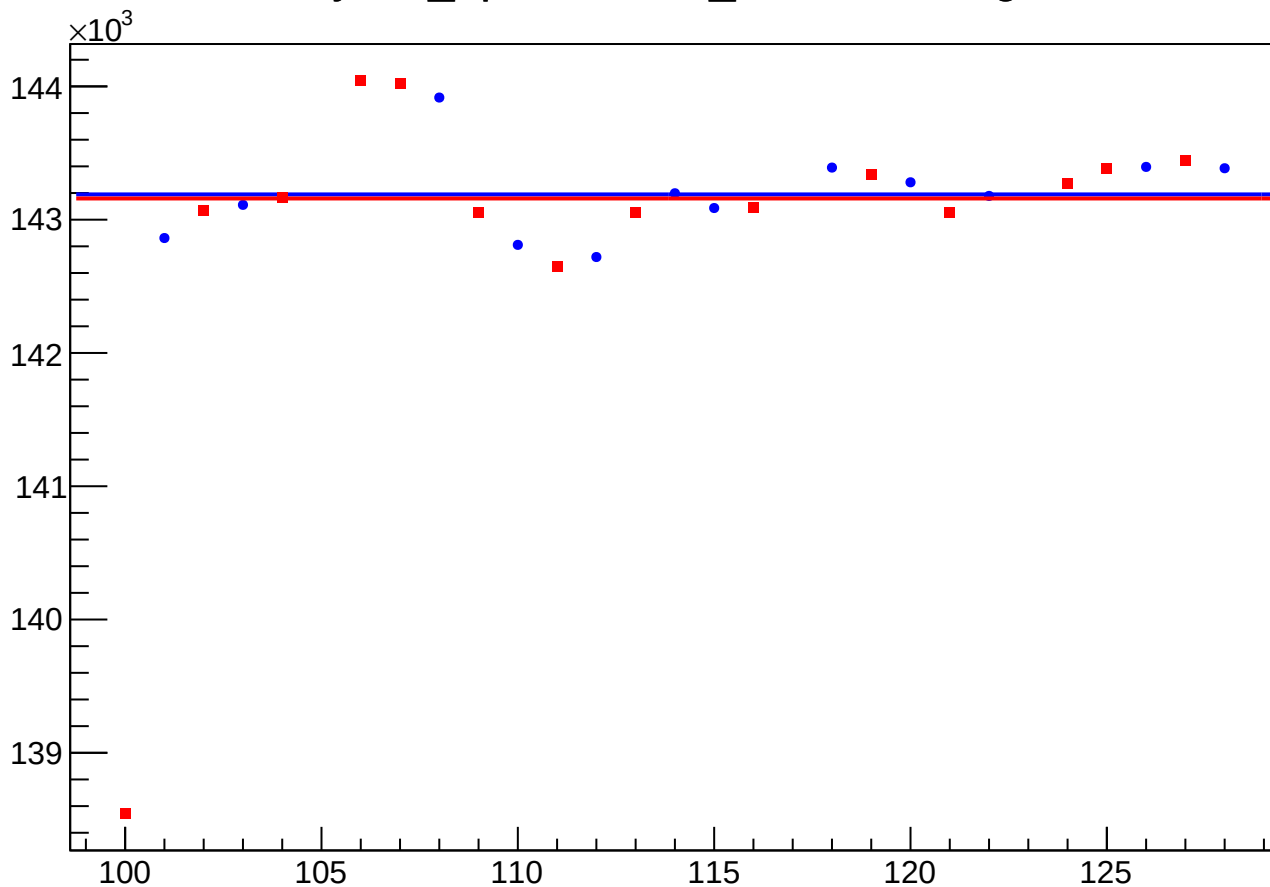
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 144.041 $\pm$ 0.034 χ^2 /NDF: 2207121.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l07WS_mean vs Slug



Right In: 143189.524 $\pm$ 0.077 χ^2 /NDF: 18938183.0/11

+ 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

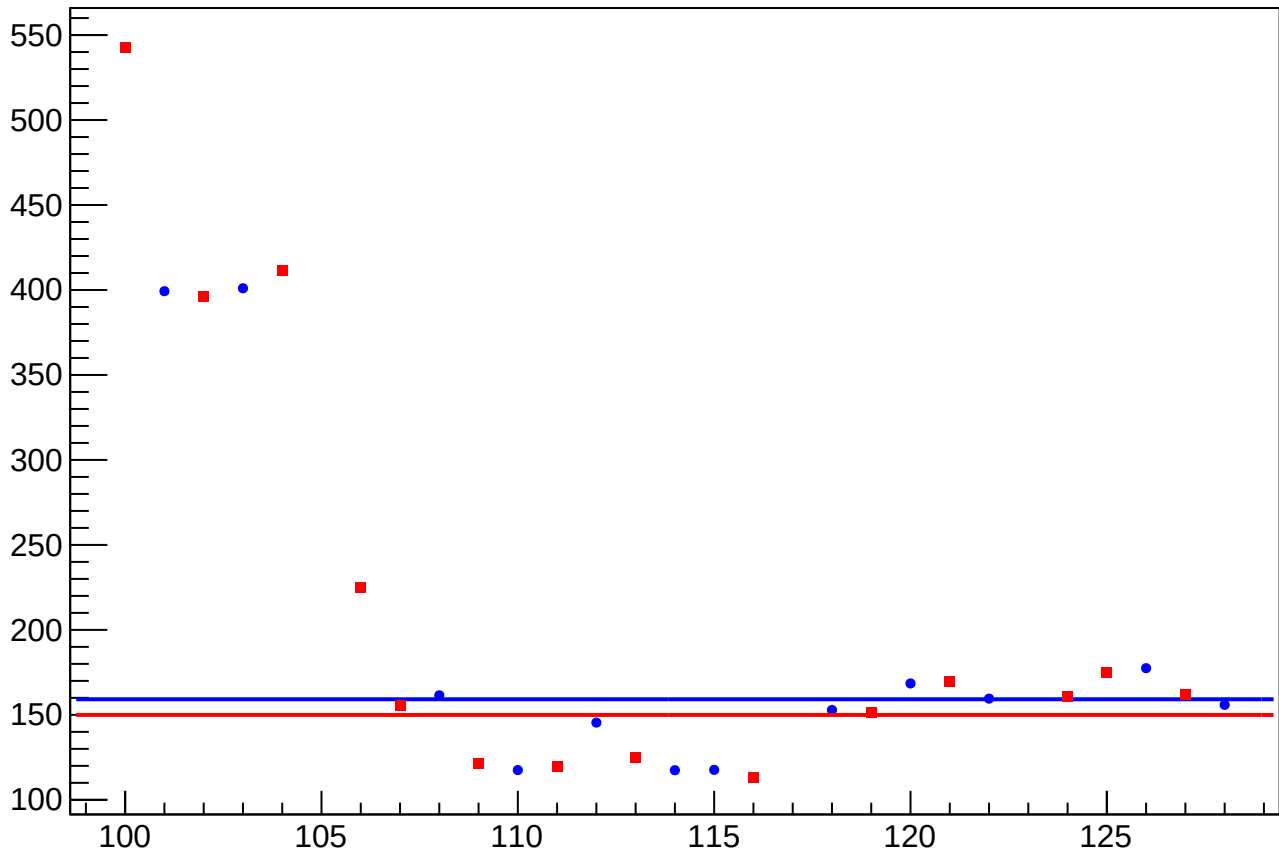
Right Out: 143159.124 $\pm$ 0.069 χ^2 /NDF: 28667821.5/13

All: 143172.683 $\pm$ 0.052 χ^2 /NDF: 47691437.

- sign 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: 159.178+/-0.055 χ^2/NDF : 1083951.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.951+/-0.049 χ^2/NDF : 1286470.1/13

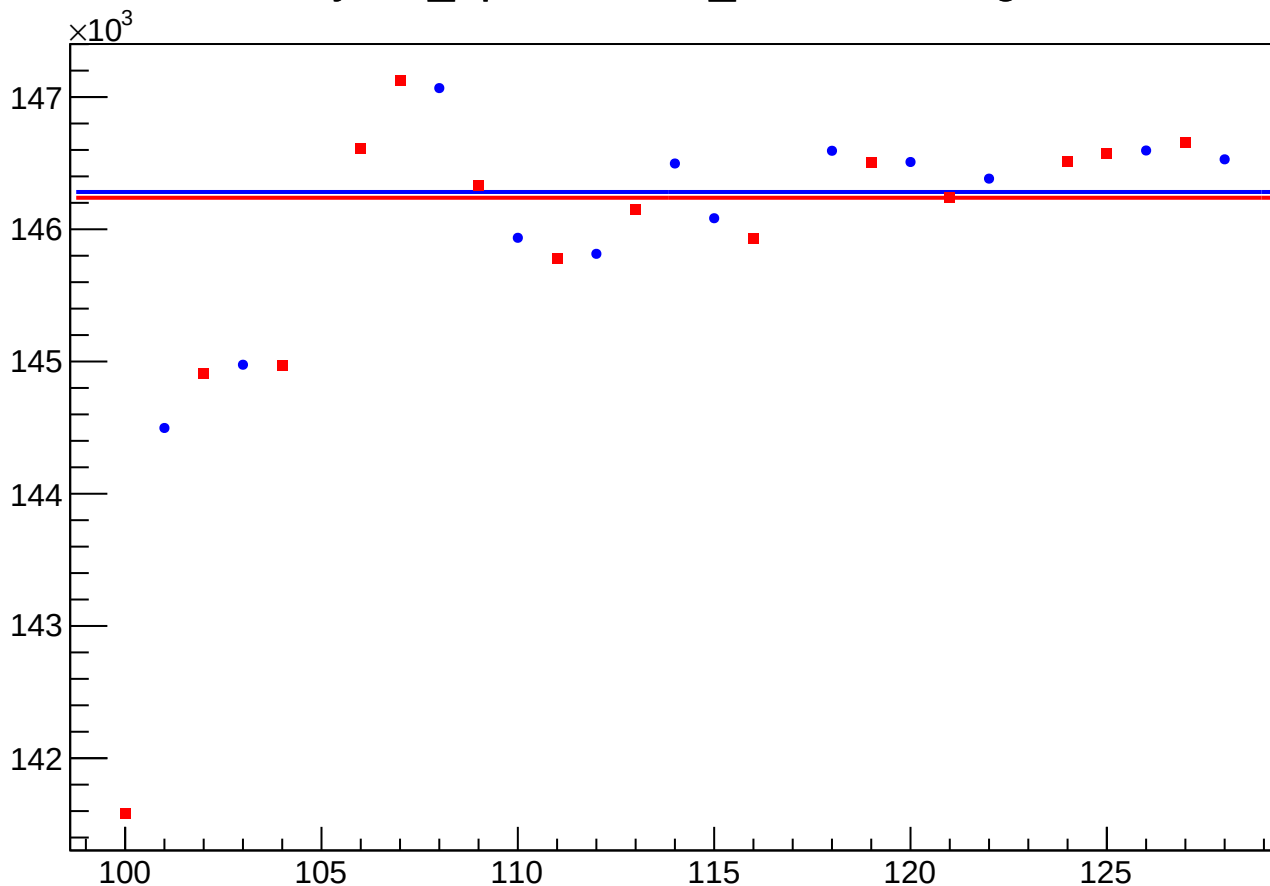
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.066+/-0.037 χ^2/NDF : 2386162.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l08WS_mean vs Slug



Right In: 146282.101 $\pm$ 0.080 χ^2 /NDF: 41657458.7/11

+ 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

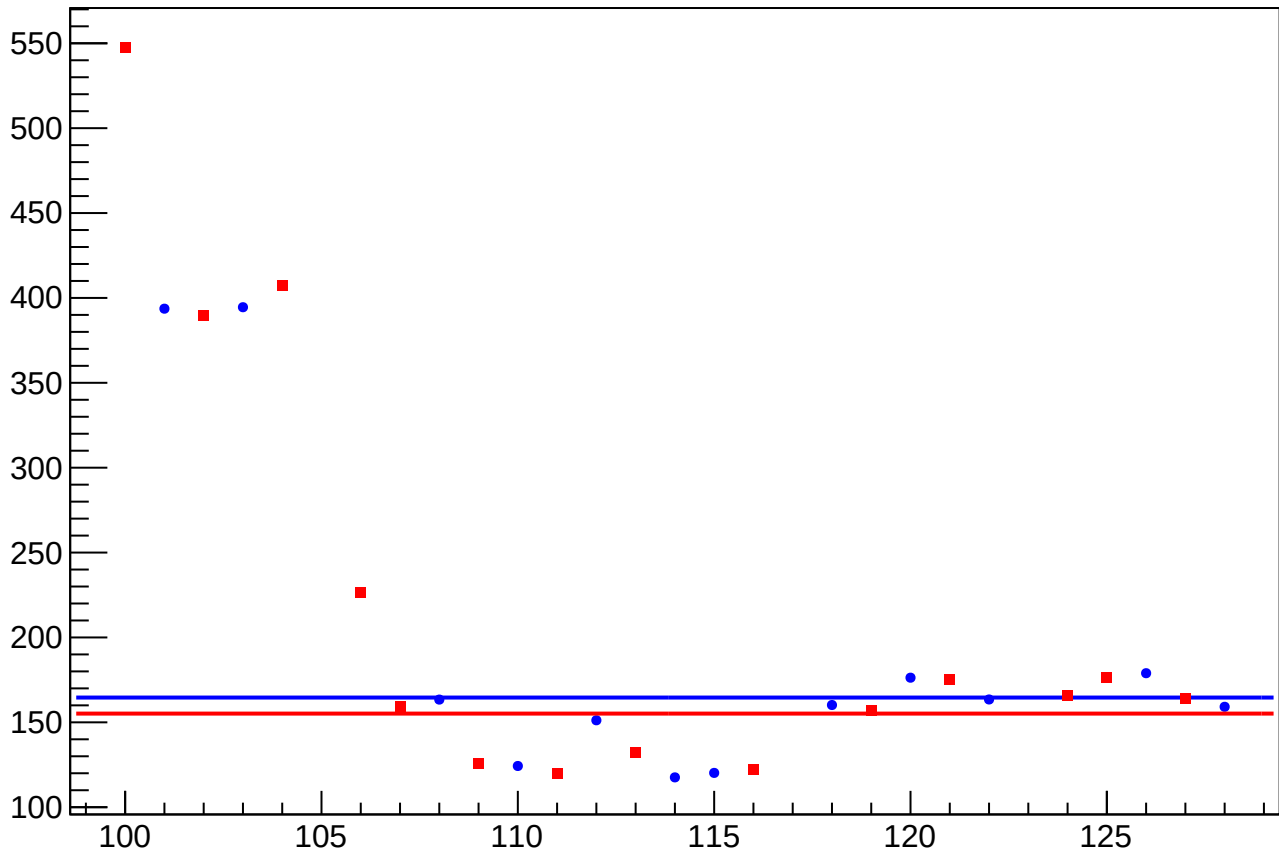
Right Out: 146238.441 $\pm$ 0.072 χ^2 /NDF: 40435146.4/13

All: 146257.901 $\pm$ 0.053 χ^2 /NDF: 82258605.

- sign 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: 164.597 $\pm$ 0.056 χ^2 /NDF: 1016440.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 155.145 $\pm$ 0.051 χ^2 /NDF: 1214931.7/13

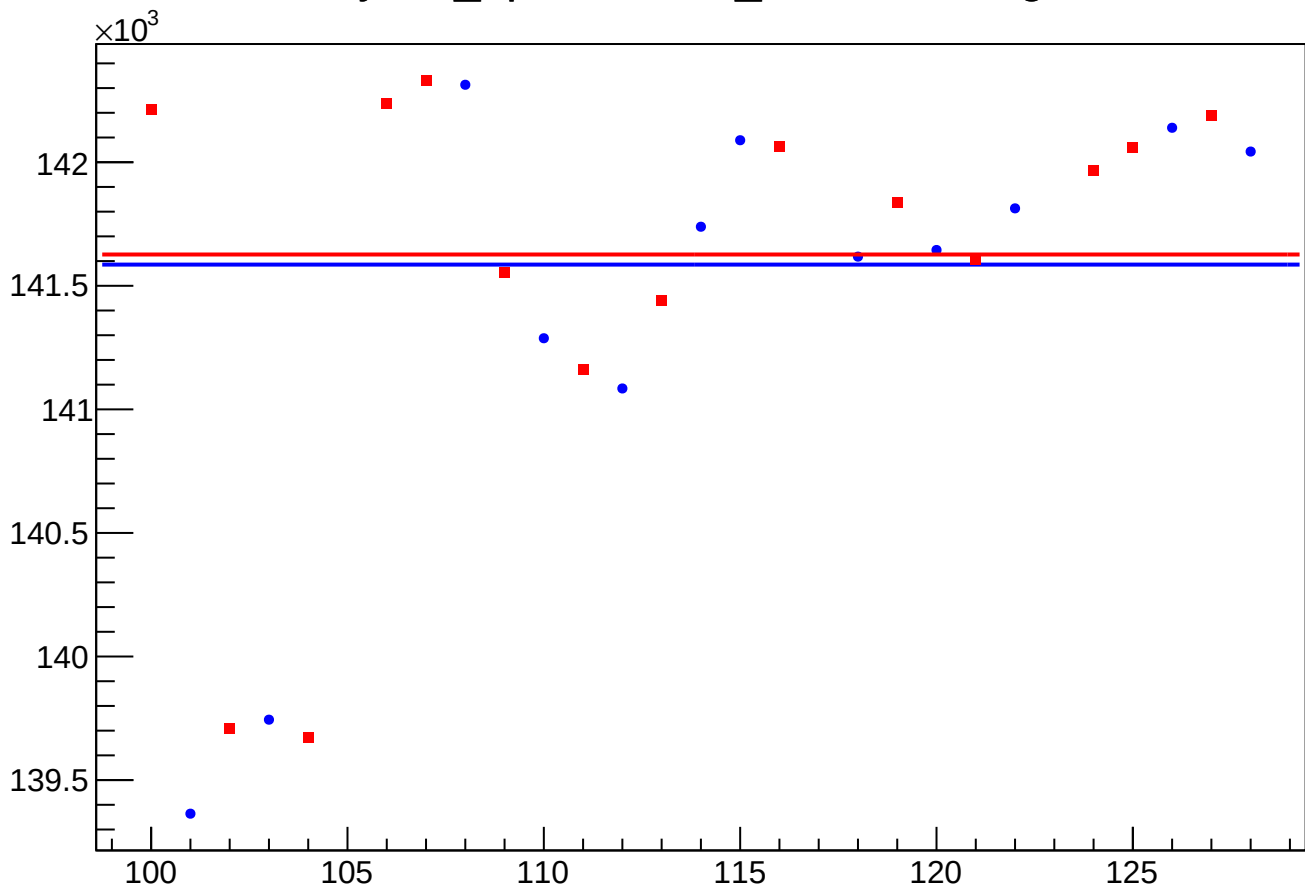
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 159.358 $\pm$ 0.038 χ^2 /NDF: 2246930.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l09WS_mean vs Slug



Right In: 141585.793 $\pm$ 0.081 χ^2 /NDF: 58187423.7/11

+ 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

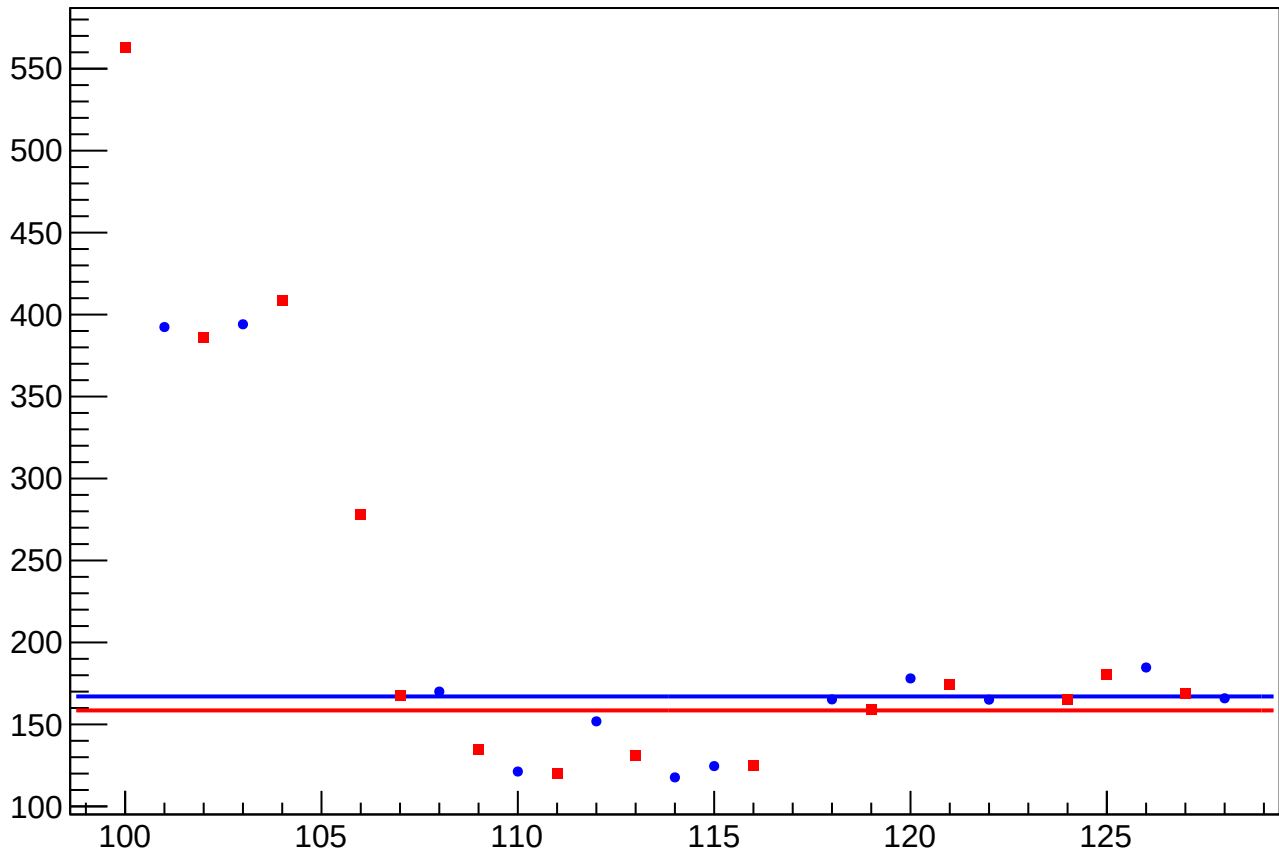
Right Out: 141626.643 $\pm$ 0.073 χ^2 /NDF: 52535947.6/13

All: 141608.300 $\pm$ 0.054 χ^2 /NDF: 110863125

- sign 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: 167.057 $\pm$ 0.057 χ^2 /NDF: 1021150.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 158.534 $\pm$ 0.052 χ^2 /NDF: 1235486.5/13

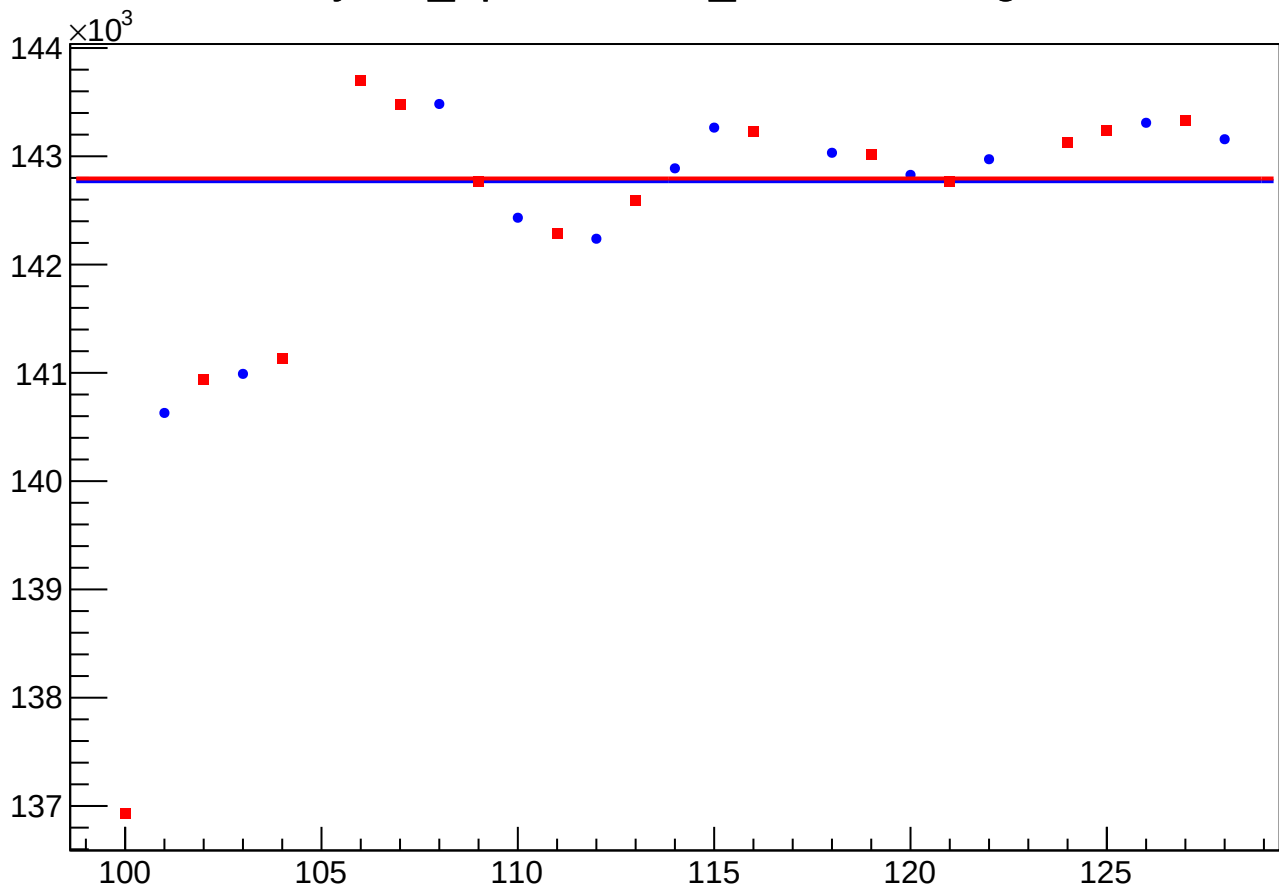
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 162.361 $\pm$ 0.038 χ^2 /NDF: 2268804.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l10WS_mean vs Slug



Right In: 142770.029 $\pm$ 0.082 χ^2 /NDF: 55835874.0/11

+ 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

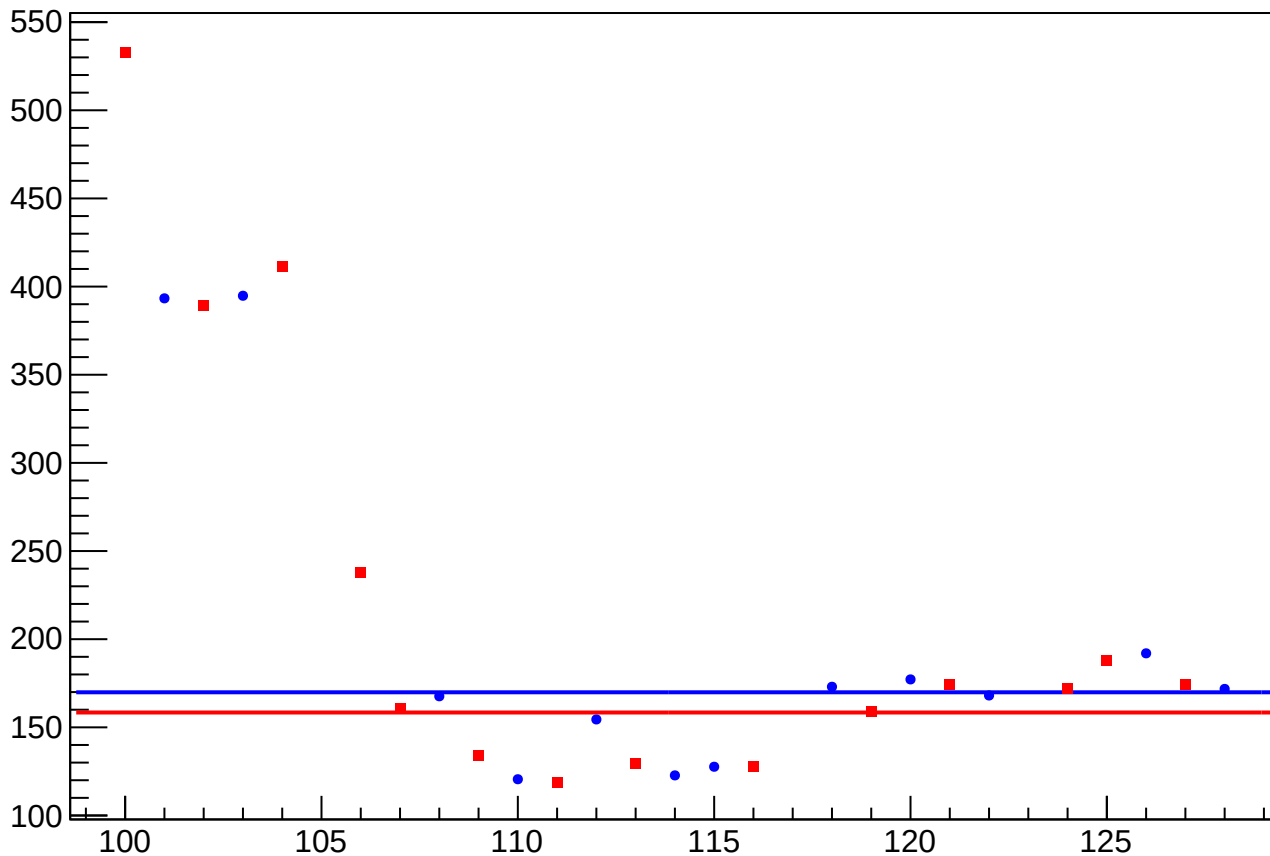
Right Out: 142794.866 $\pm$ 0.073 χ^2 /NDF: 59750298.3/13

All: 142783.906 $\pm$ 0.055 χ^2 /NDF: 115636967.0/11

- sign 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: 169.878+/-0.058 χ^2/NDF : 1015071.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.420+/-0.052 χ^2/NDF : 1210756.8/13

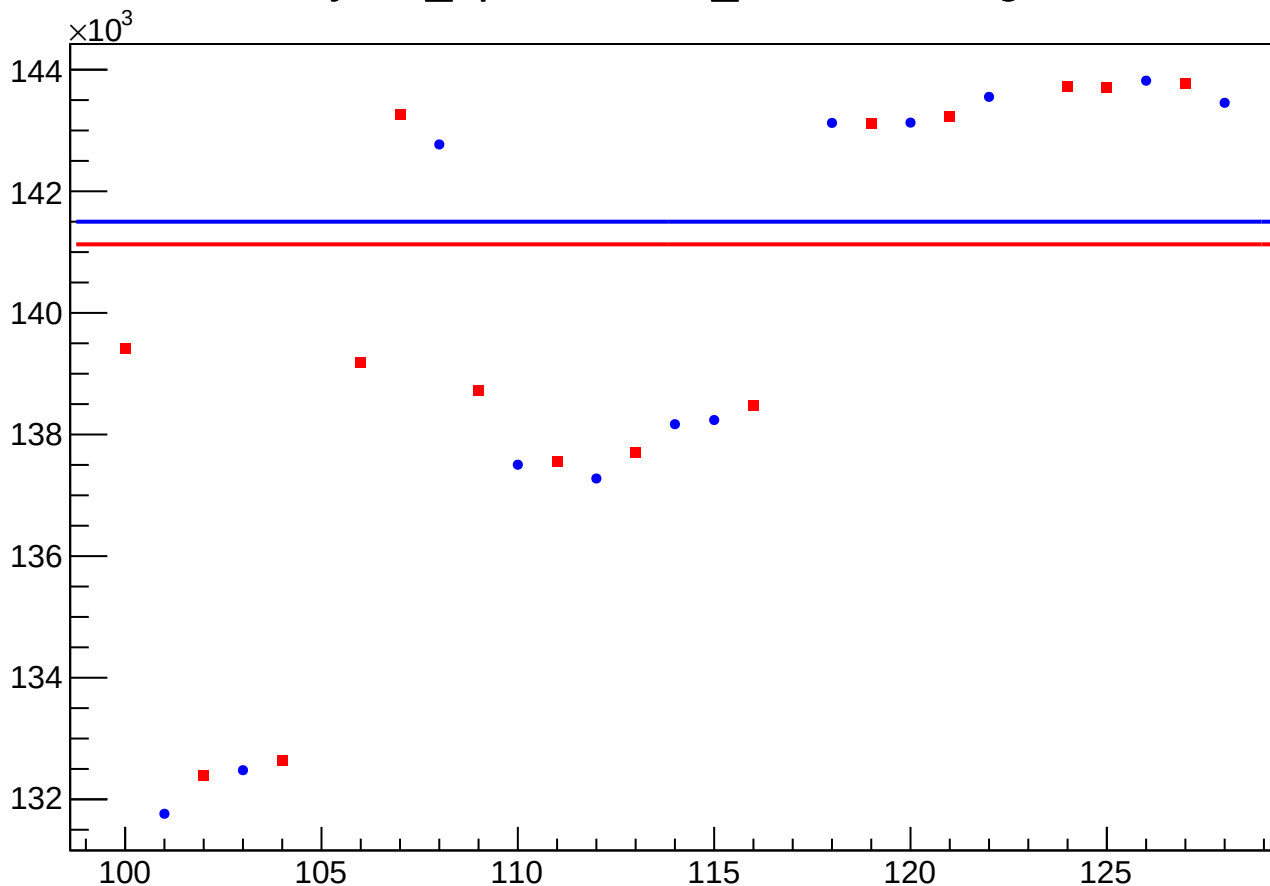
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.476+/-0.039 χ^2/NDF : 2247447.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r03WS_mean vs Slug



Right In: 141500.191 $\pm$ 0.120 χ^2 /NDF: 833319001.1/11

+ 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

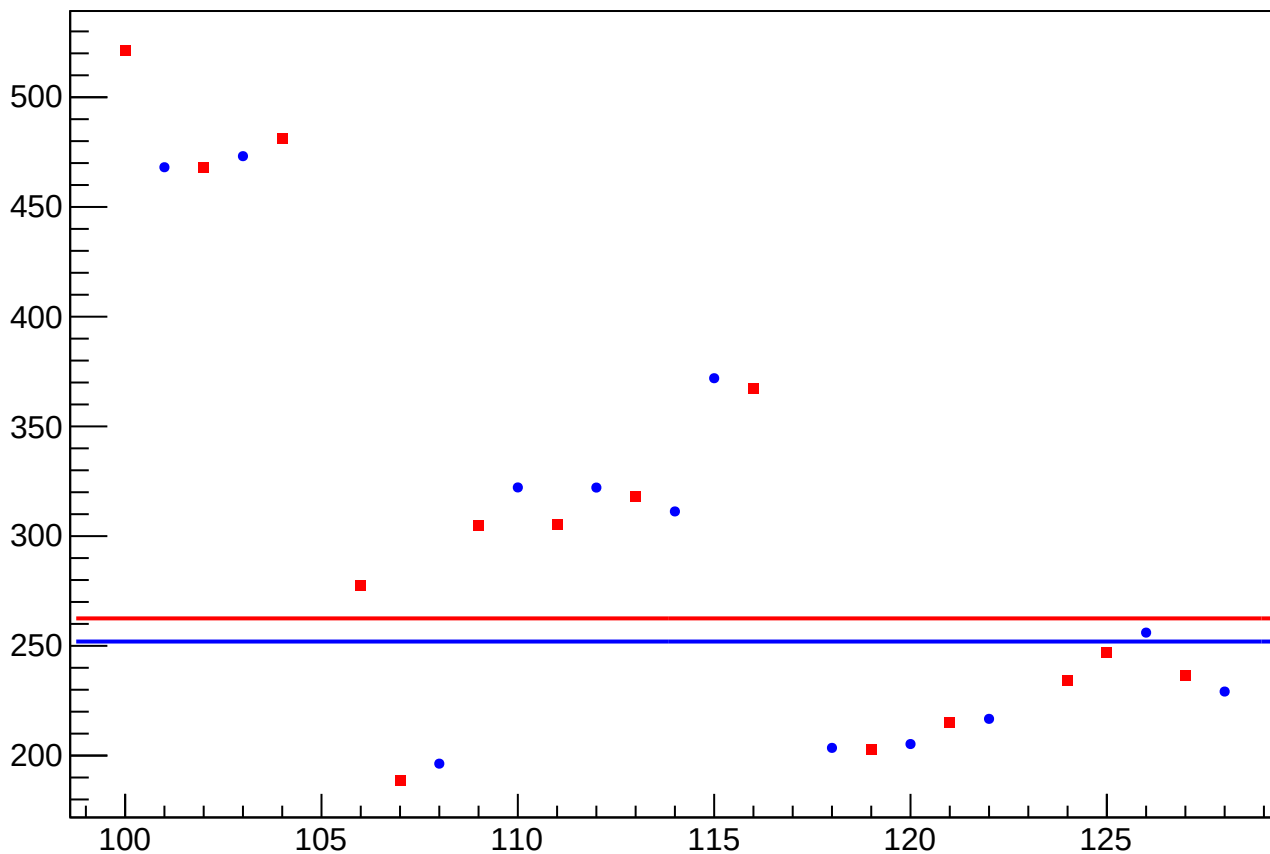
Right Out: 141127.702 $\pm$ 0.119 χ^2 /NDF: 787541268.9/13

All: 141311.583 $\pm$ 0.084 χ^2 /NDF: 162572504

- sign 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: 251.965+/-0.085 χ^2/NDF : 844107.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 262.512+/-0.084 χ^2/NDF : 823482.4/13

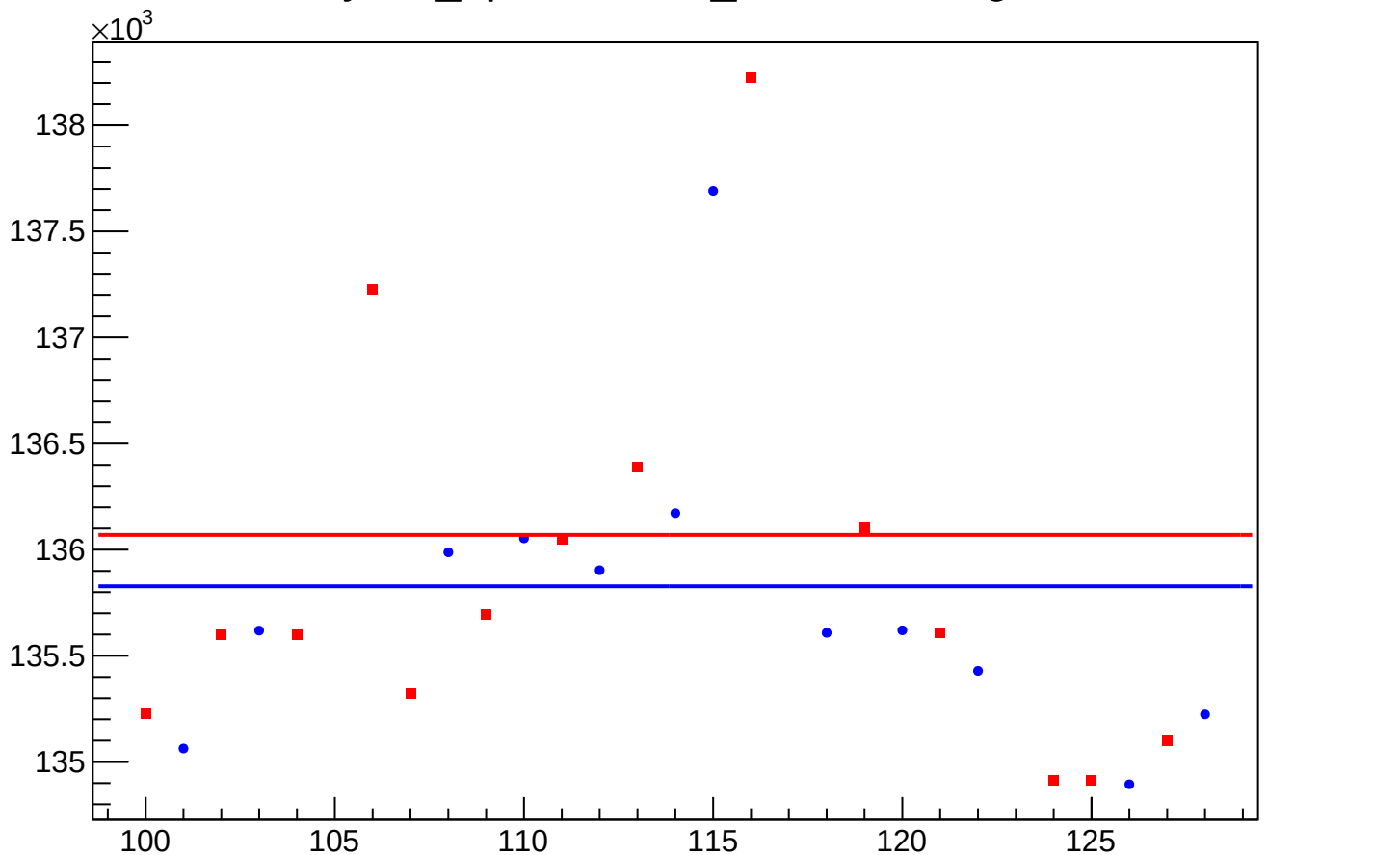
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 257.306+/-0.060 χ^2/NDF : 1675389.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r05WS_mean vs Slug



Right In: 135827.532 $\pm$ 0.136 χ^2 /NDF: 17733047.1/11

+ 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

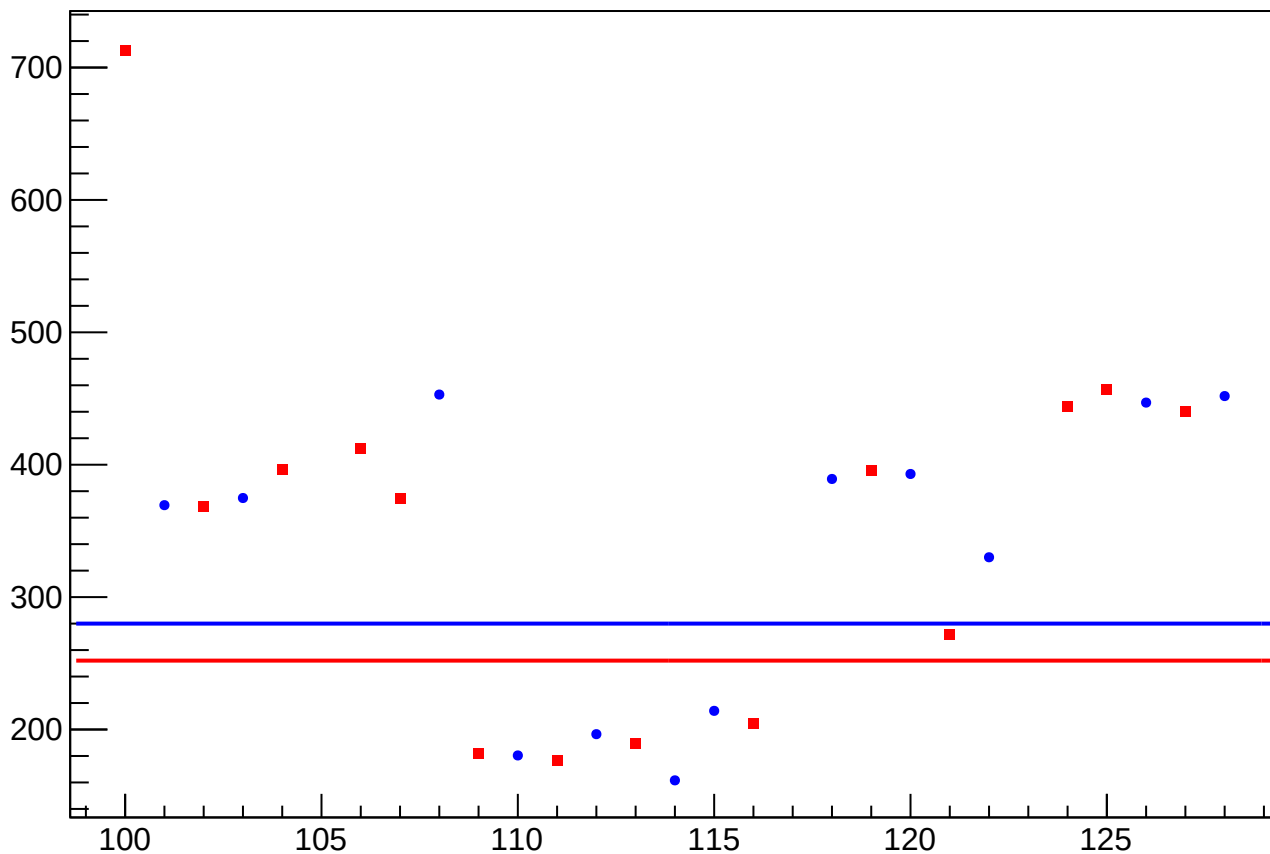
Right Out: 136069.854 $\pm$ 0.118 χ^2 /NDF: 42385960.6/13

All: 135966.309 $\pm$ 0.089 χ^2 /NDF: 61929093.

- sign 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: 279.990+/-0.096 χ^2/NDF : 1189614.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 252.034+/-0.083 χ^2/NDF : 1399428.7/13

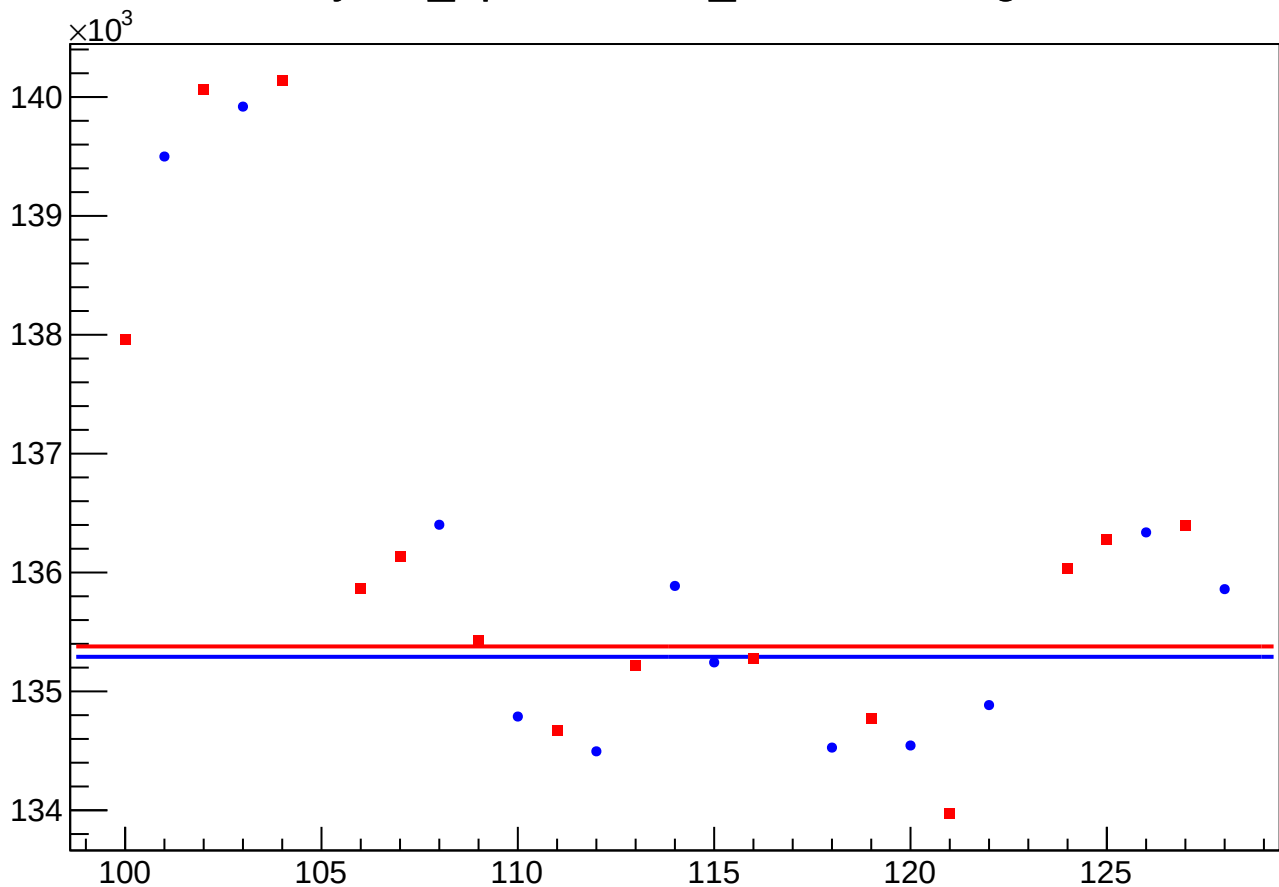
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 263.979+/-0.063 χ^2/NDF : 2637227.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02WS_mean vs Slug



Right In: 135290.884 $\pm$ 0.064 χ^2 /NDF: 302544978.6/11

+ 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

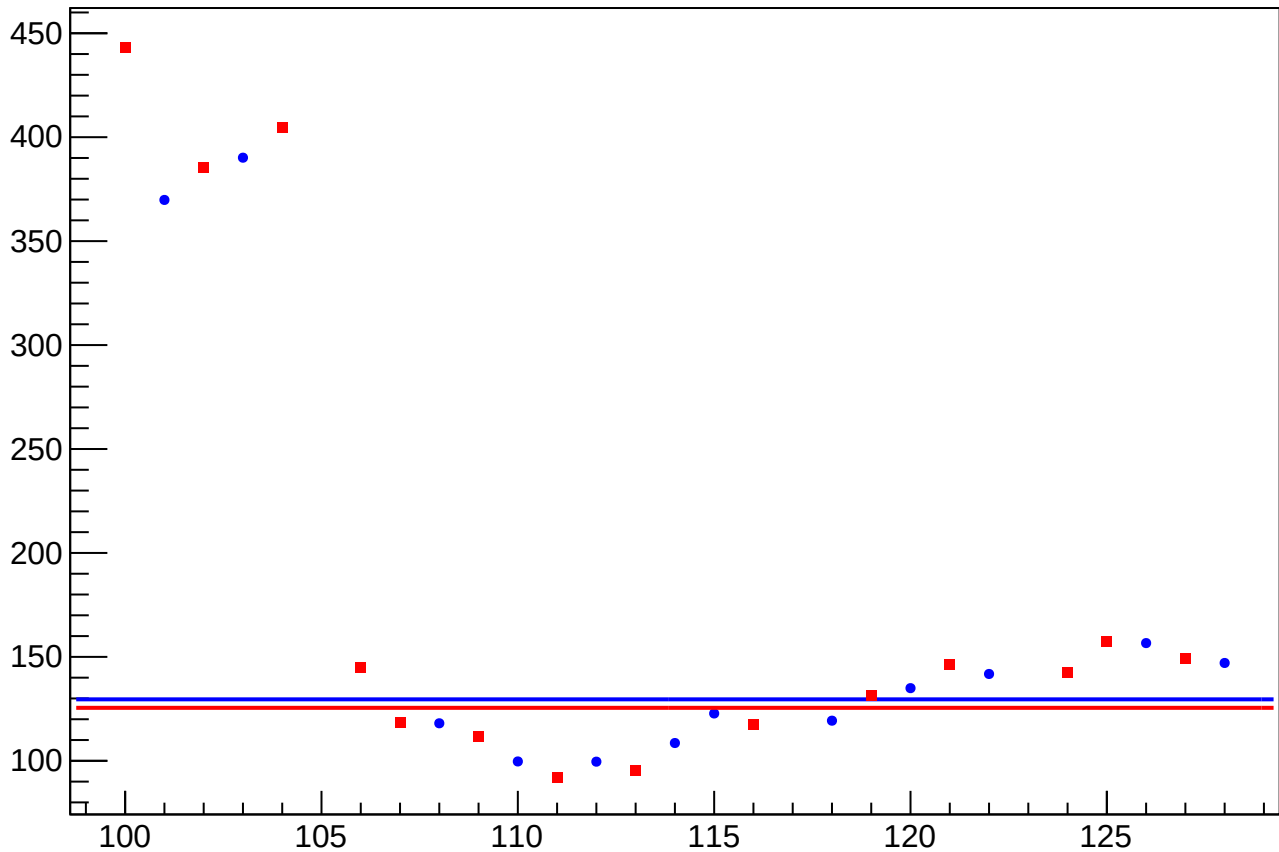
Right Out: 135378.049 $\pm$ 0.059 χ^2 /NDF: 295066555.5/13

All: 135337.801 $\pm$ 0.043 χ^2 /NDF: 598612992

- sign 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: 129.576 $\pm$ 0.045 χ^2 /NDF: 1299336.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

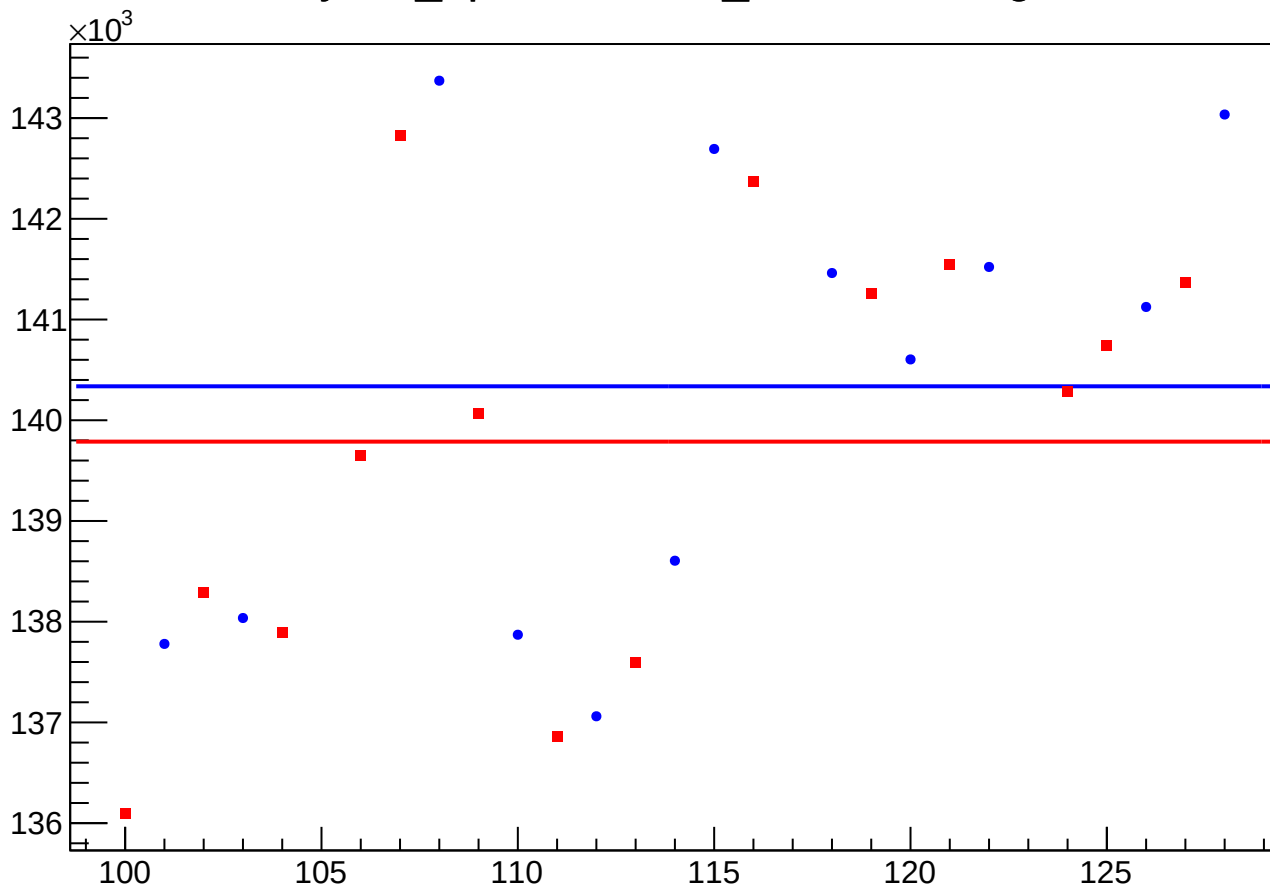
Right Out: 125.493 $\pm$ 0.042 χ^2 /NDF: 1458988.1/13

All: 127.378 $\pm$ 0.031 χ^2 /NDF: 2762719.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i02aWS_mean vs Slug



Right In: 140337.034 $\pm$ 0.074 χ^2 /NDF: 874733075.0/11

+ 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

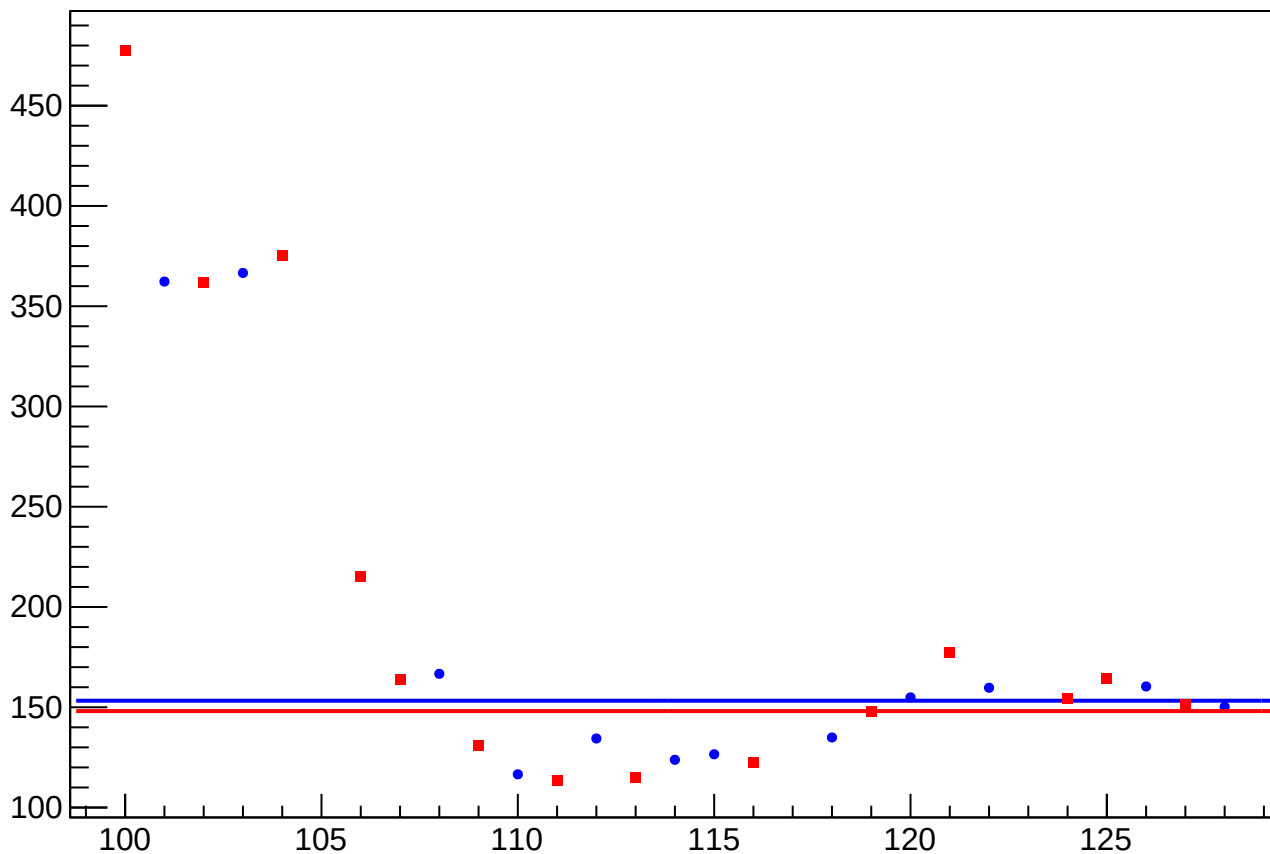
Right Out: 139787.780 $\pm$ 0.069 χ^2 /NDF: 823805280.0/13

All: 140040.909 $\pm$ 0.050 χ^2 /NDF: 172802383

- sign 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: 153.268+/-0.053 χ^2/NDF : 983761.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

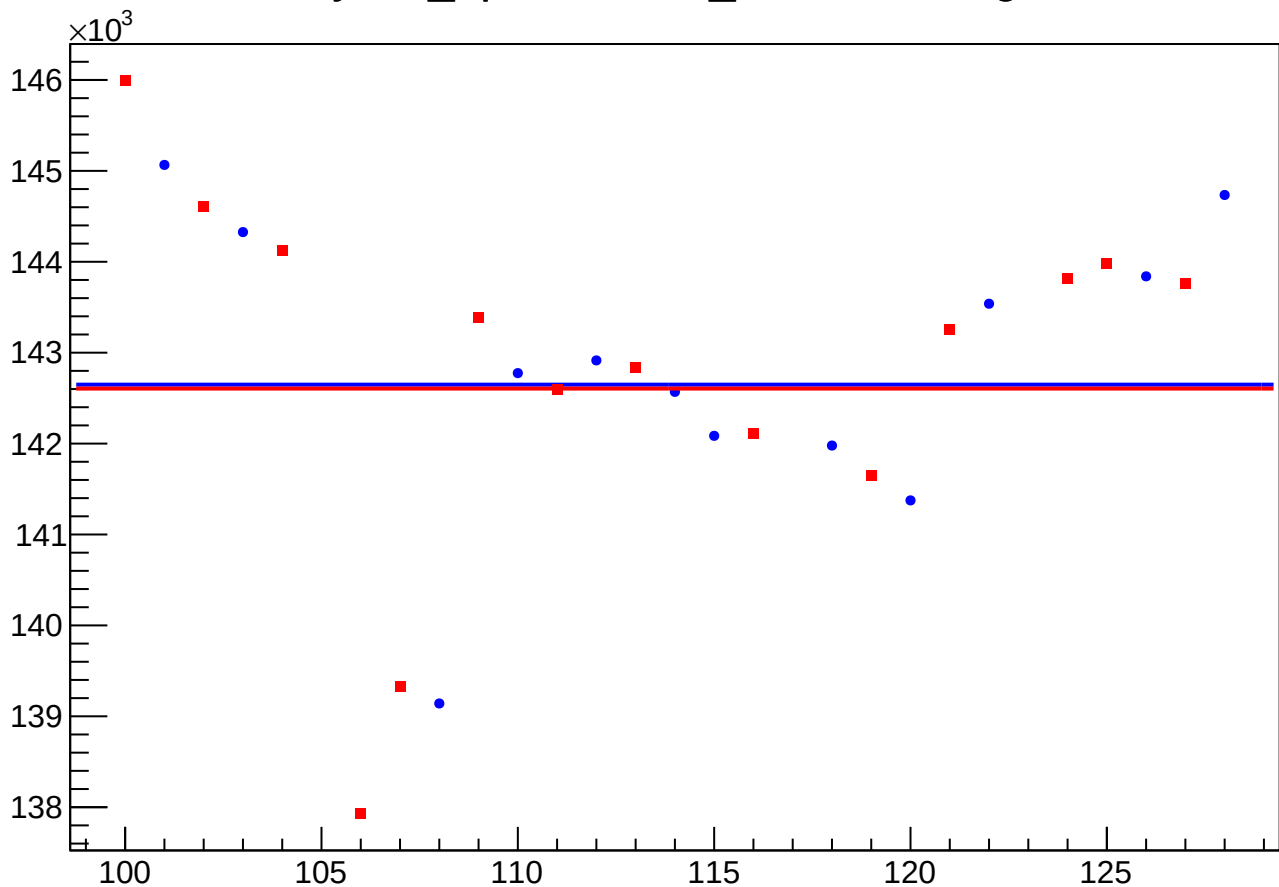
Right Out: 148.093+/-0.049 χ^2/NDF : 1172554.0/13

All: 150.478+/-0.036 χ^2/NDF : 2161551.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i05WS_mean vs Slug



Right In: 142648.314 $\pm$ 0.080 χ^2 /NDF: 409389570.6/11

+ 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

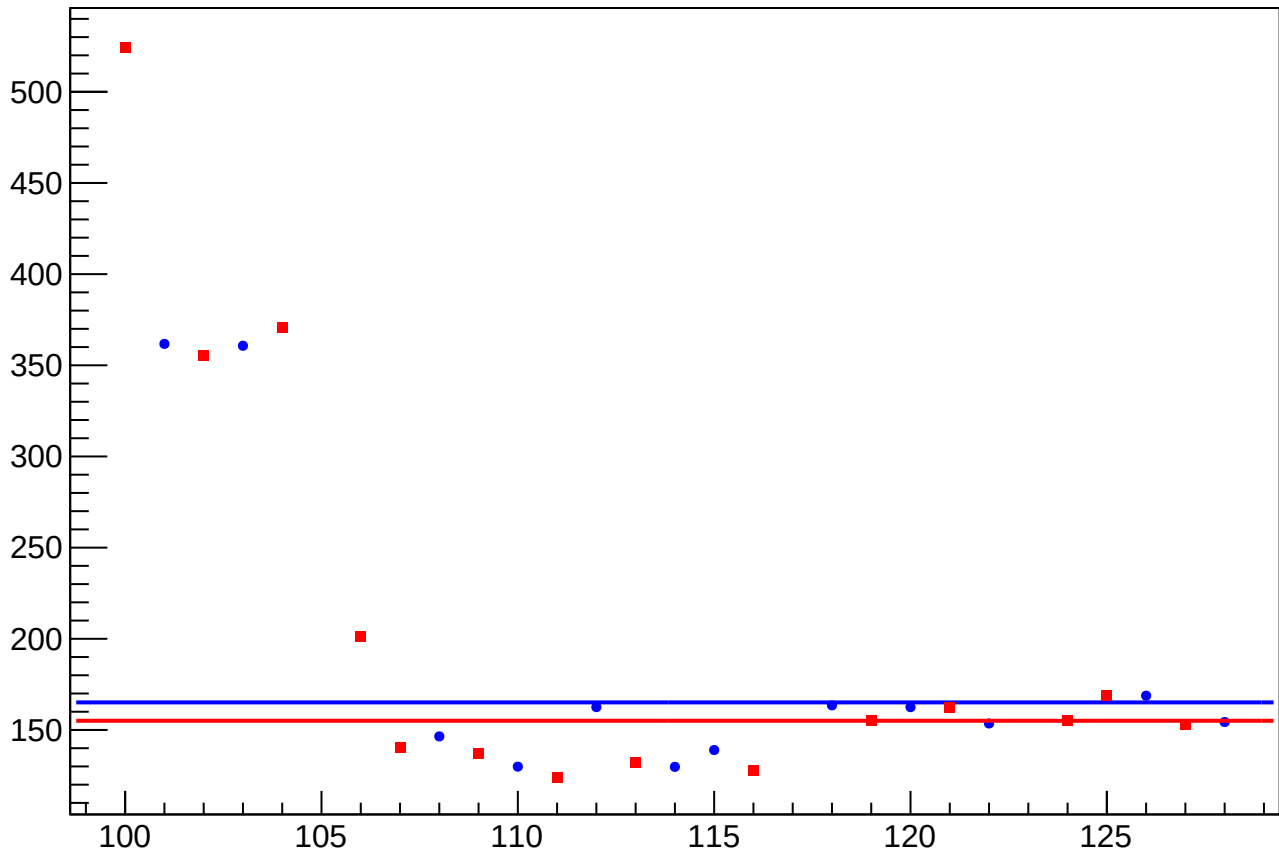
All: 142624.399 $\pm$ 0.053 χ^2 /NDF: 81449380.0/11

Right Out: 142605.188 $\pm$ 0.071 χ^2 /NDF: 404941129.6/13

- sign 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: 165.118+/-0.056 χ^2/NDF : 840136.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.040+/-0.050 χ^2/NDF : 989634.0/13

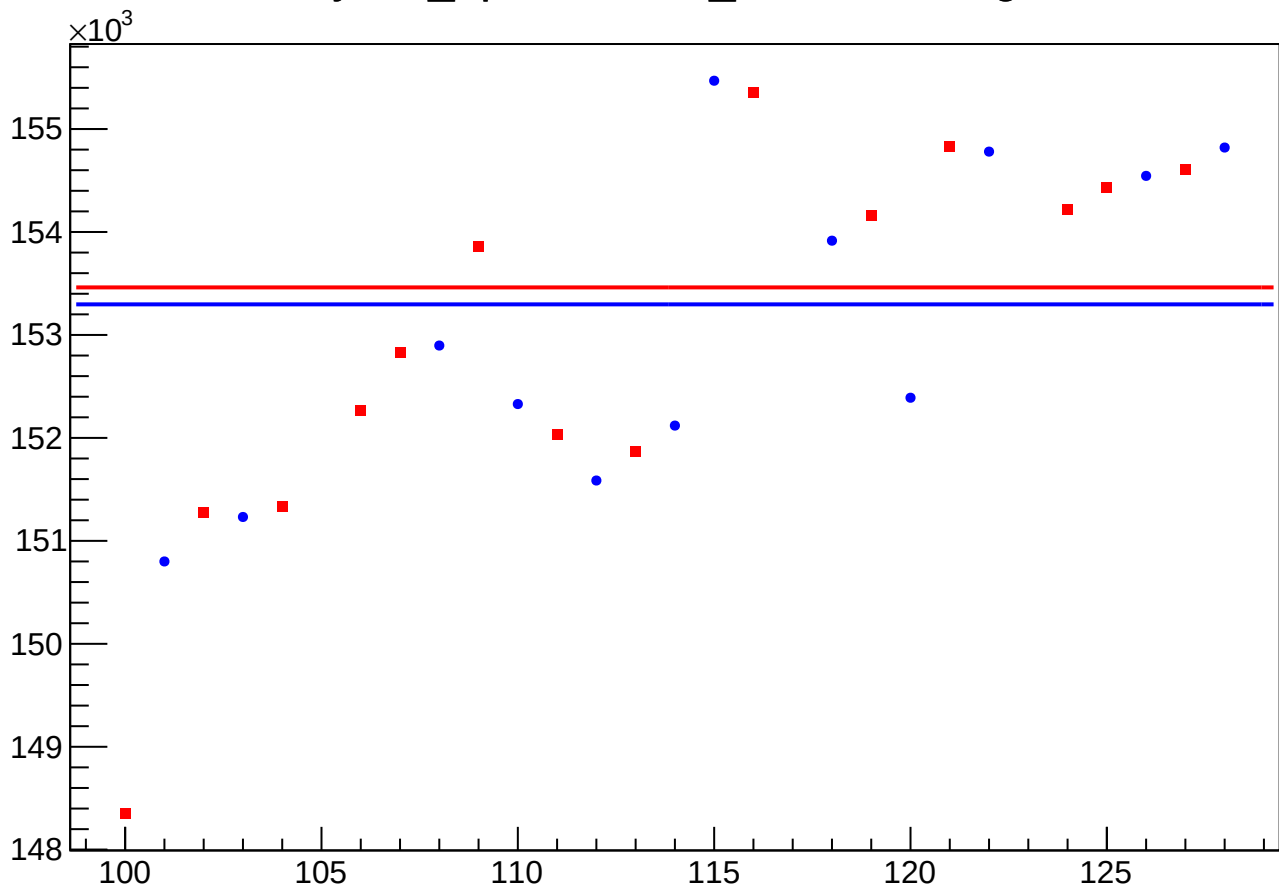
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.529+/-0.038 χ^2/NDF : 1847582.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i07WS_mean vs Slug



Right In: 153297.042 $\pm$ 0.091 χ^2 /NDF: 224765246.2/11

+ 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

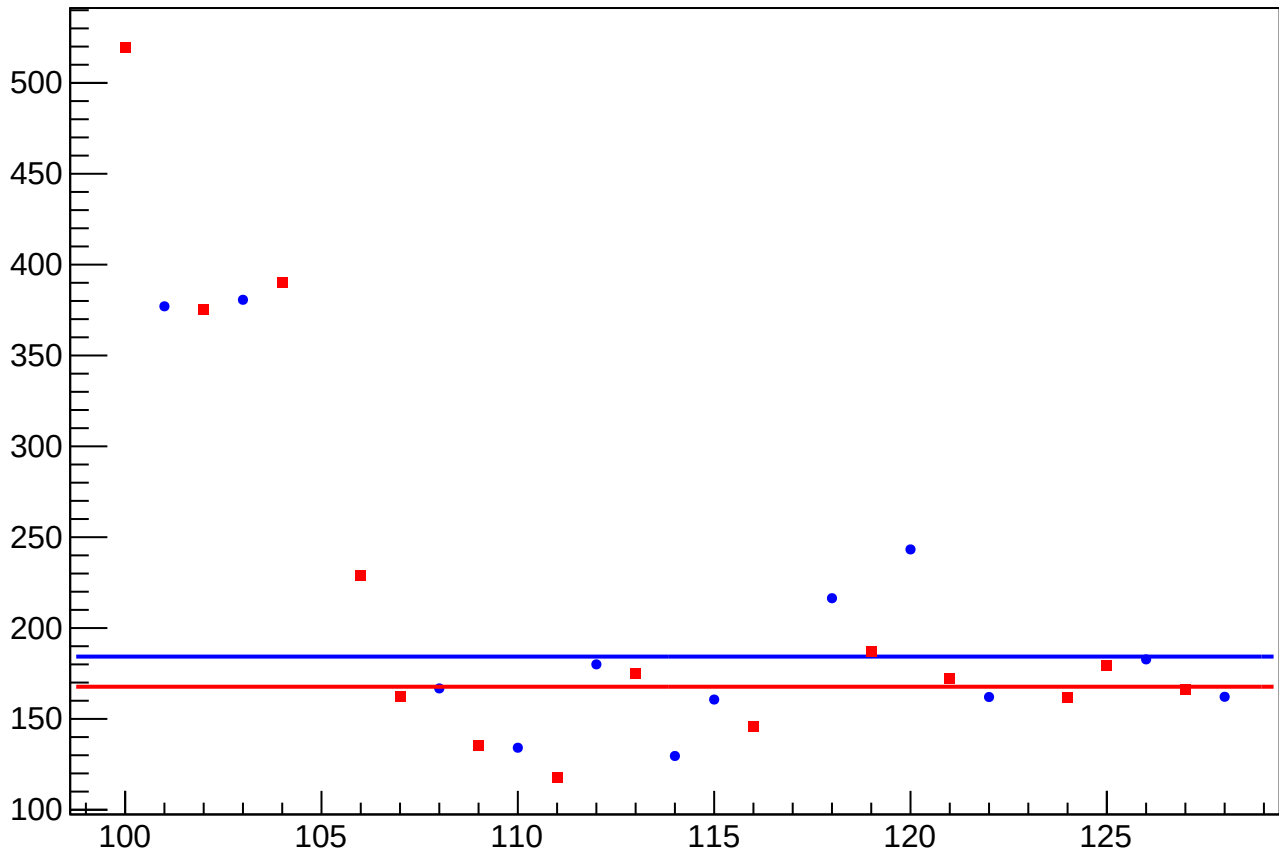
Right Out: 153461.788 $\pm$ 0.079 χ^2 /NDF: 254057963.4/13

All: 153391.340 $\pm$ 0.060 χ^2 /NDF: 480691477

- sign 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: 184.297 $\pm$ 0.064 χ^2 /NDF: 892677.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 167.707 $\pm$ 0.056 χ^2 /NDF: 1066267.1/13

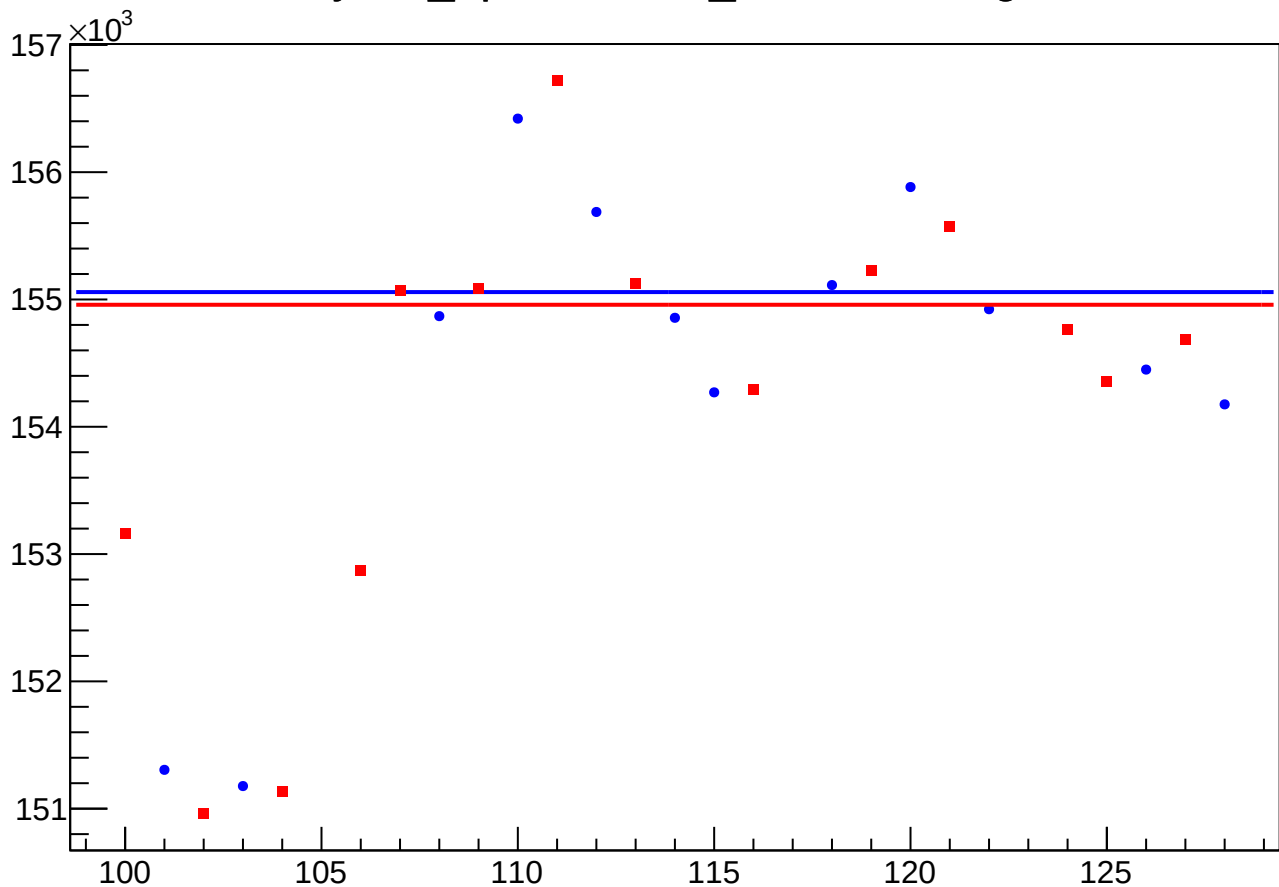
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 174.801 $\pm$ 0.042 χ^2 /NDF: 1996834.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i02WS_mean vs Slug



Right In: 155058.075 $\pm$ 0.076 χ^2 /NDF: 201157654.2/11

+ 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

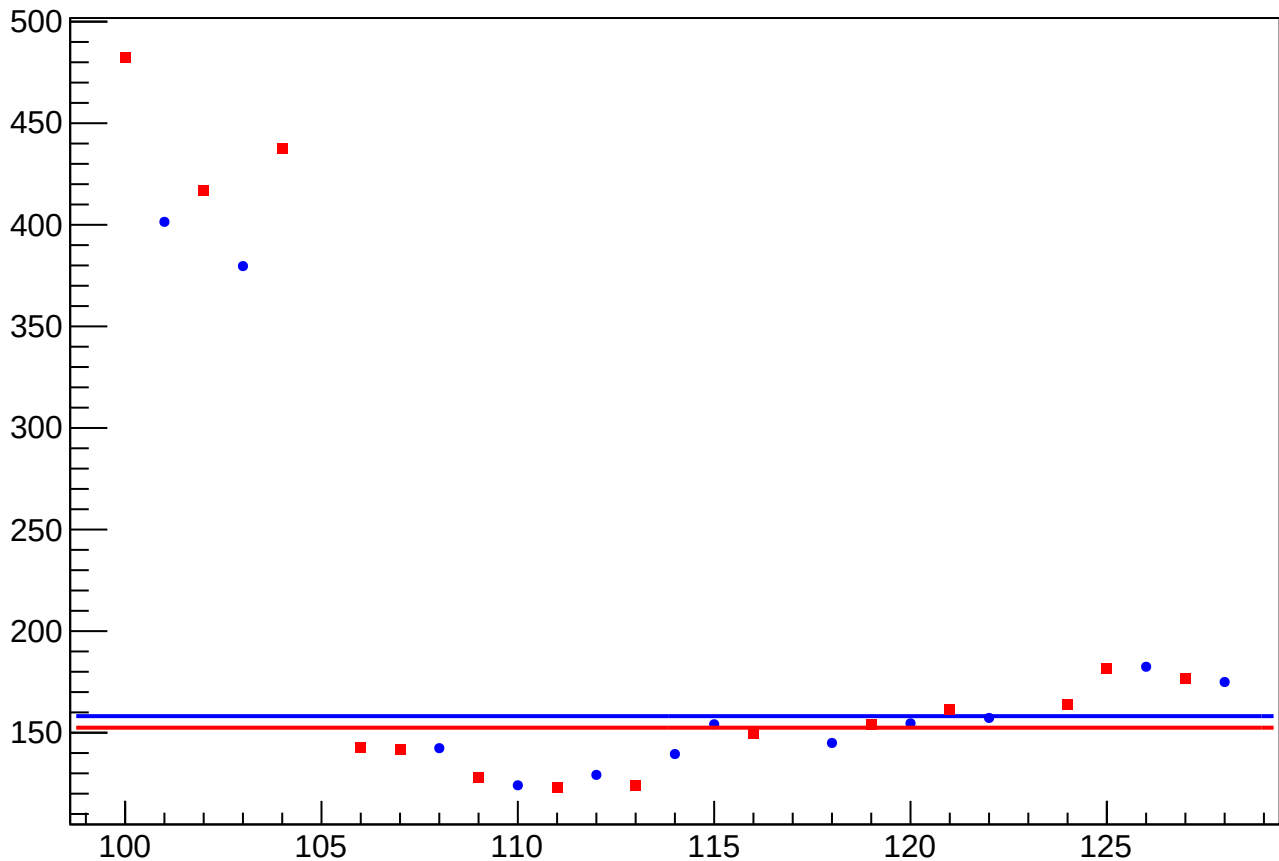
Right Out: 154958.412 $\pm$ 0.070 χ^2 /NDF: 276194340.8/13

All: 155003.708 $\pm$ 0.052 χ^2 /NDF: 478278102

- sign 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: 158.156+/-0.054 χ^2/NDF : 1010671.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.484+/-0.049 χ^2/NDF : 1206022.8/13

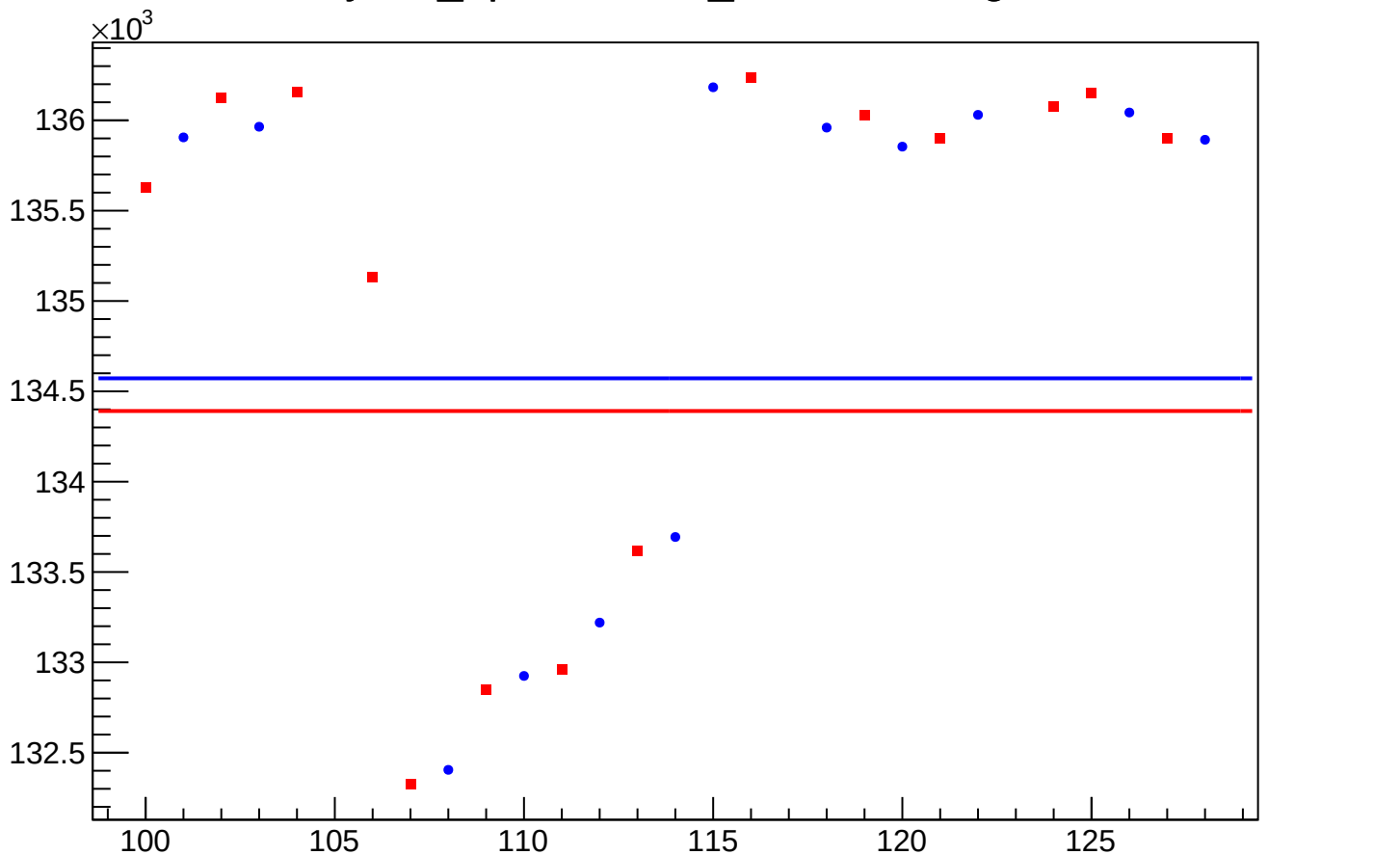
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.062+/-0.036 χ^2/NDF : 2222692.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04WS_mean vs Slug



Right In: 134572.081 $\pm$ 0.059 χ^2 /NDF: 661130642.0/11

+ 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

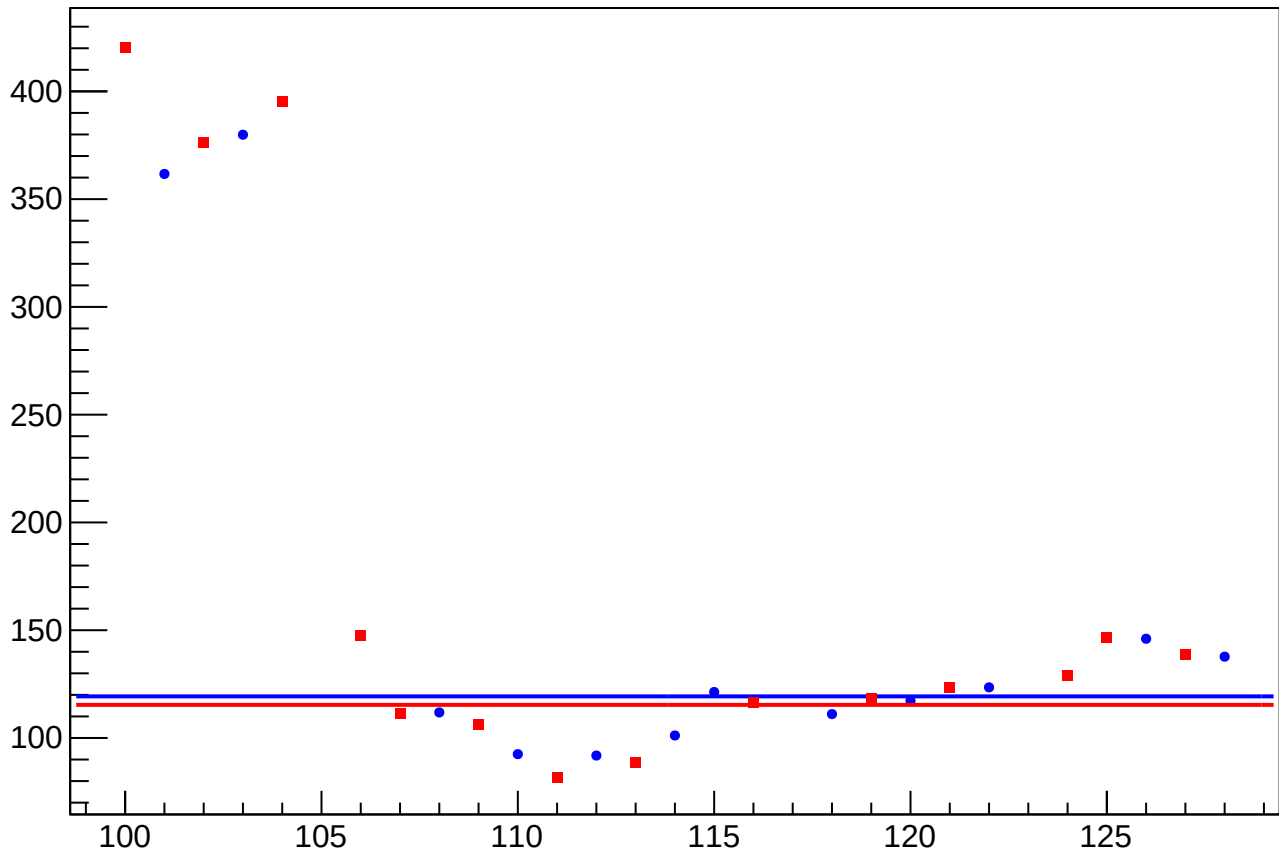
All: 134474.566 $\pm$ 0.040 χ^2 /NDF: 140861597

Right Out: 134391.120 $\pm$ 0.054 χ^2 /NDF: 742385898.2/13

- sign 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: 119.301 $\pm$ 0.042 χ^2 /NDF: 1355185.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 115.367 $\pm$ 0.038 χ^2 /NDF: 1538328.1/13

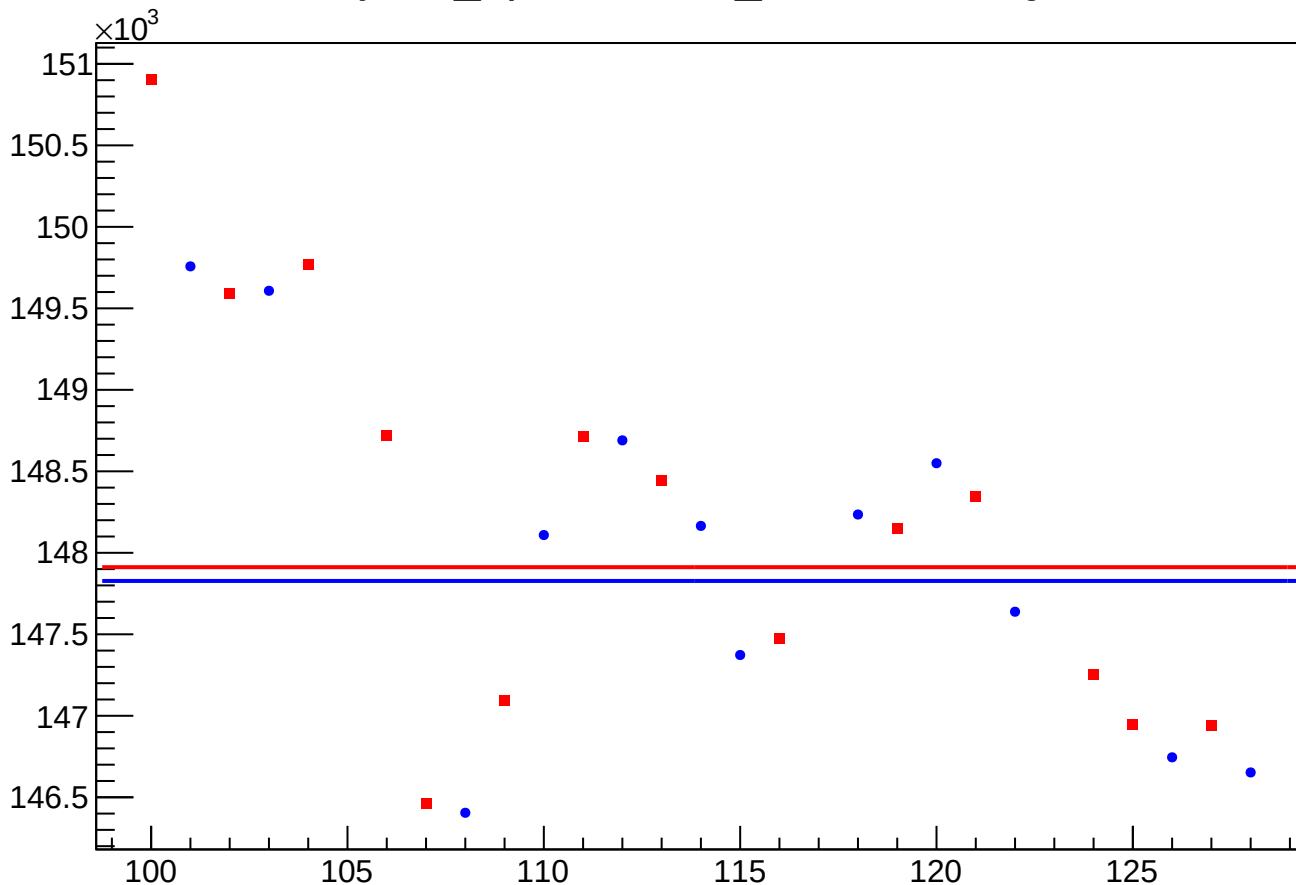
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 117.181 $\pm$ 0.028 χ^2 /NDF: 2898335.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i06WS_mean vs Slug



Right In: 147827.409 $\pm$ 0.073 χ^2 /NDF: 152405704.8/11

+ 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

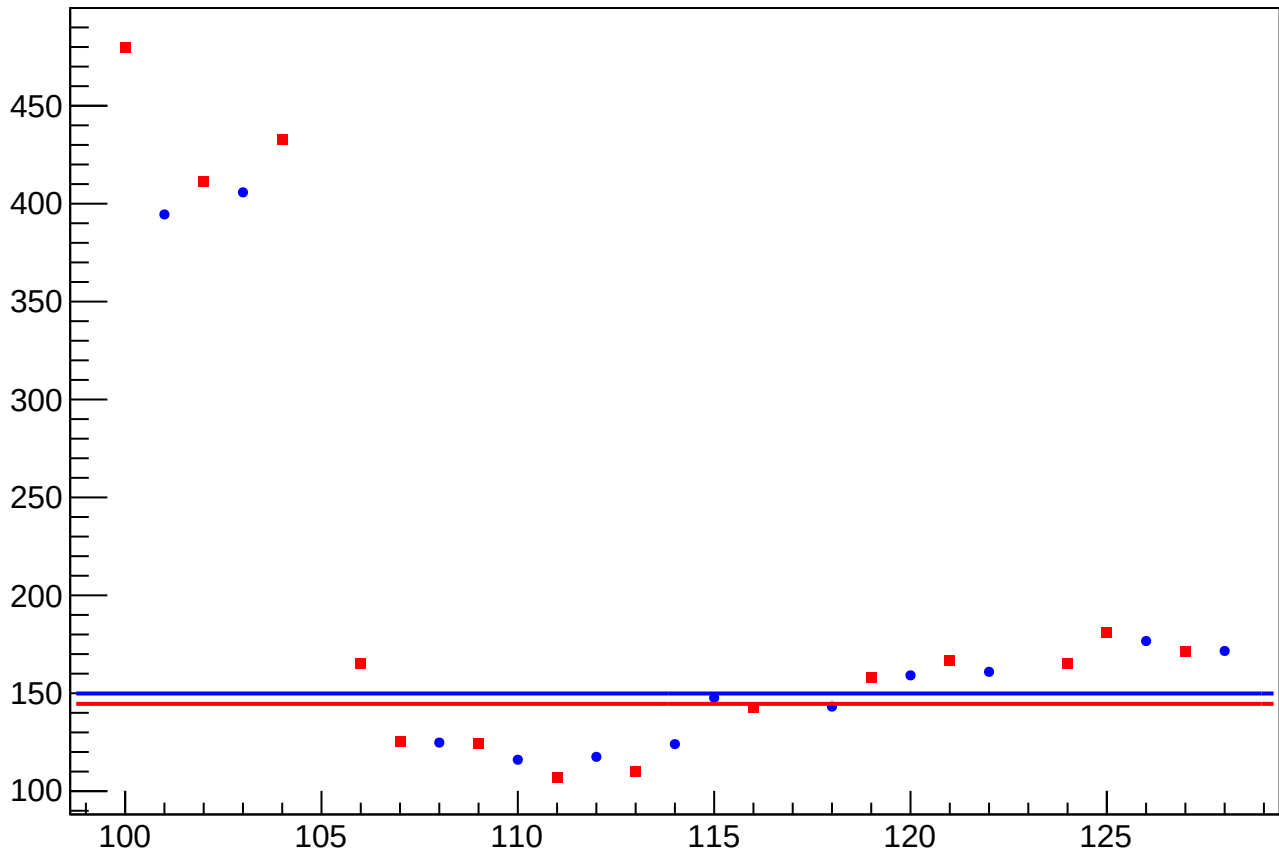
All: 147873.162 $\pm$ 0.049 χ^2 /NDF: 30426605

Right Out: 147911.885 $\pm$ 0.067 χ^2 /NDF: 151137122.8/13

- sign 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: 149.880 $\pm$ 0.052 χ^2 /NDF: 1189911.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 144.598 $\pm$ 0.048 χ^2 /NDF: 1392612.6/13

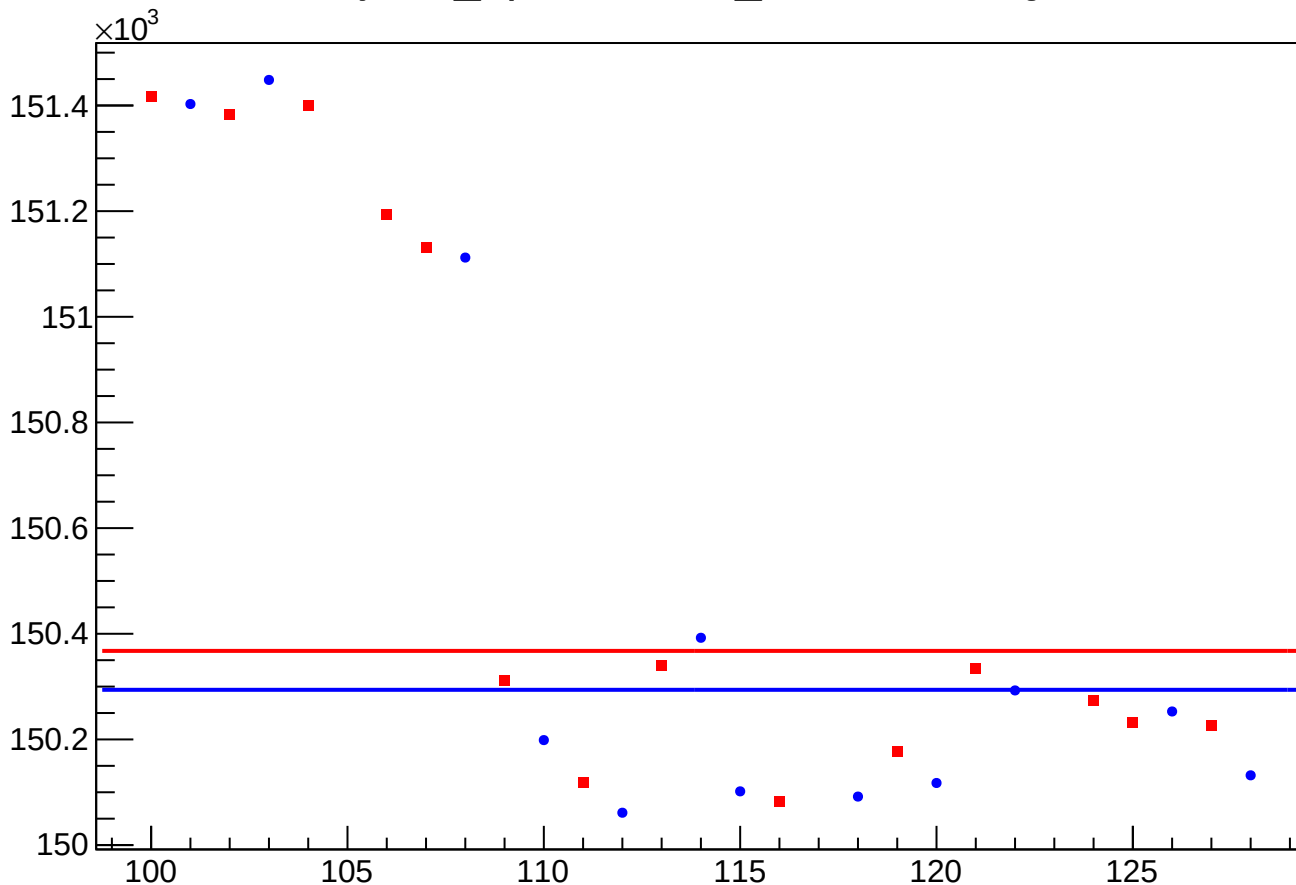
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 147.019 $\pm$ 0.035 χ^2 /NDF: 2588177.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm2i01WS_mean vs Slug



Right In: 150293.923 $\pm$ 0.063 χ^2 /NDF: 33745381.8/11

+ 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

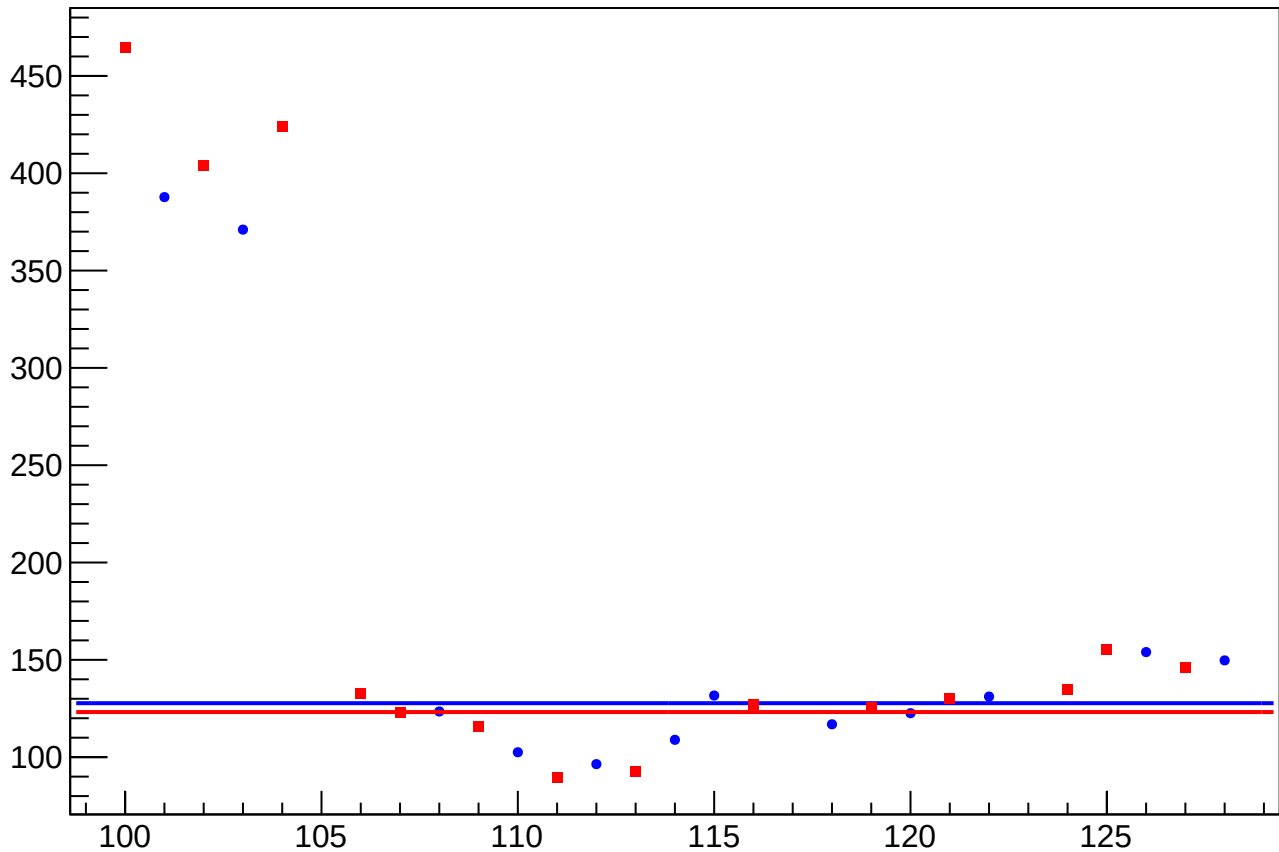
Right Out: 150367.591 $\pm$ 0.058 χ^2 /NDF: 35870974.4/13

All: 150334.075 $\pm$ 0.042 χ^2 /NDF: 70362840.0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm2i01WS_rms vs Slug



Right In: 127.728 $\pm$ 0.045 χ^2 /NDF: 1273466.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

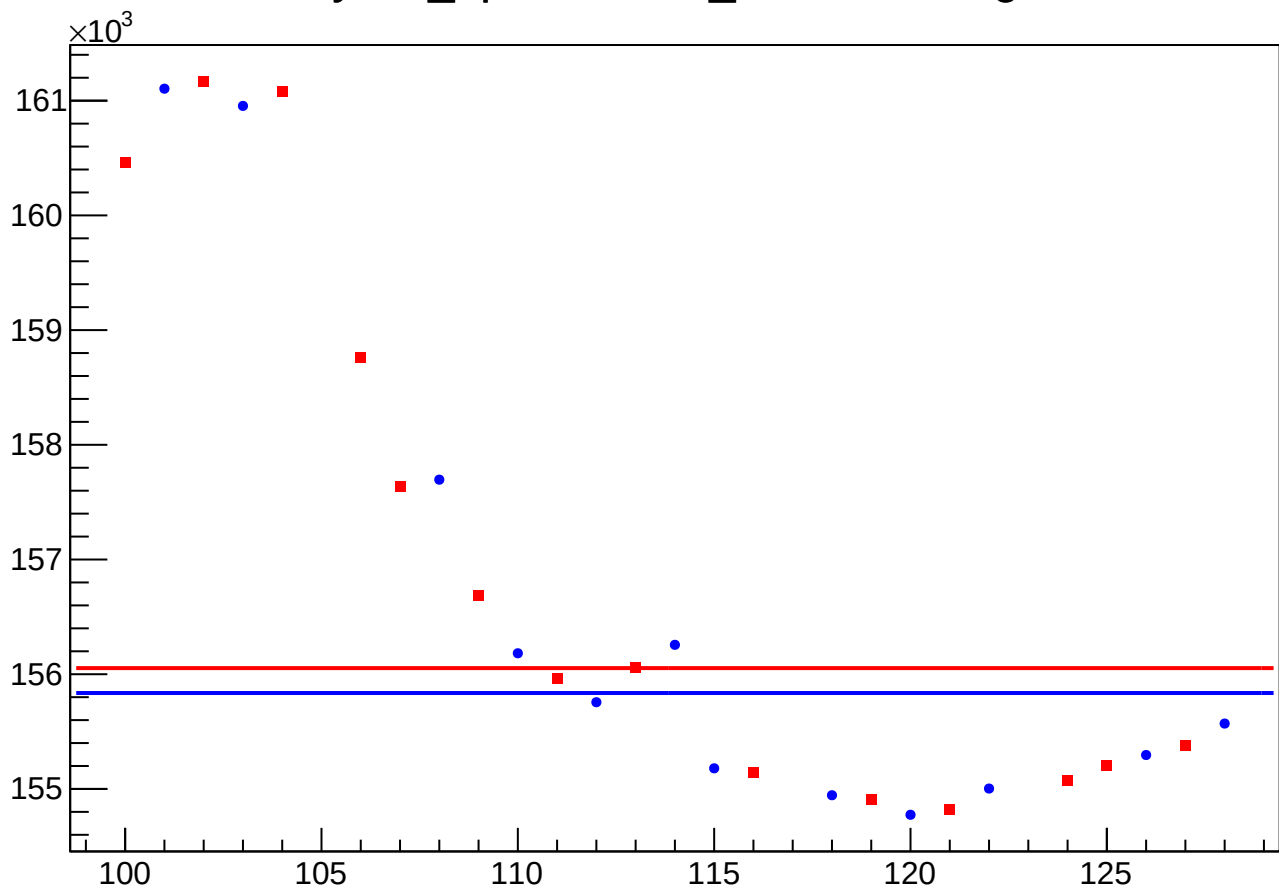
Right Out: 123.171 $\pm$ 0.041 χ^2 /NDF: 1501769.4/13

All: 125.244 $\pm$ 0.030 χ^2 /NDF: 2780949.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm2i02WS_mean vs Slug



Right In: 155836.155 $\pm$ 0.065 χ^2 /NDF: 370751830.0/11

+ 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

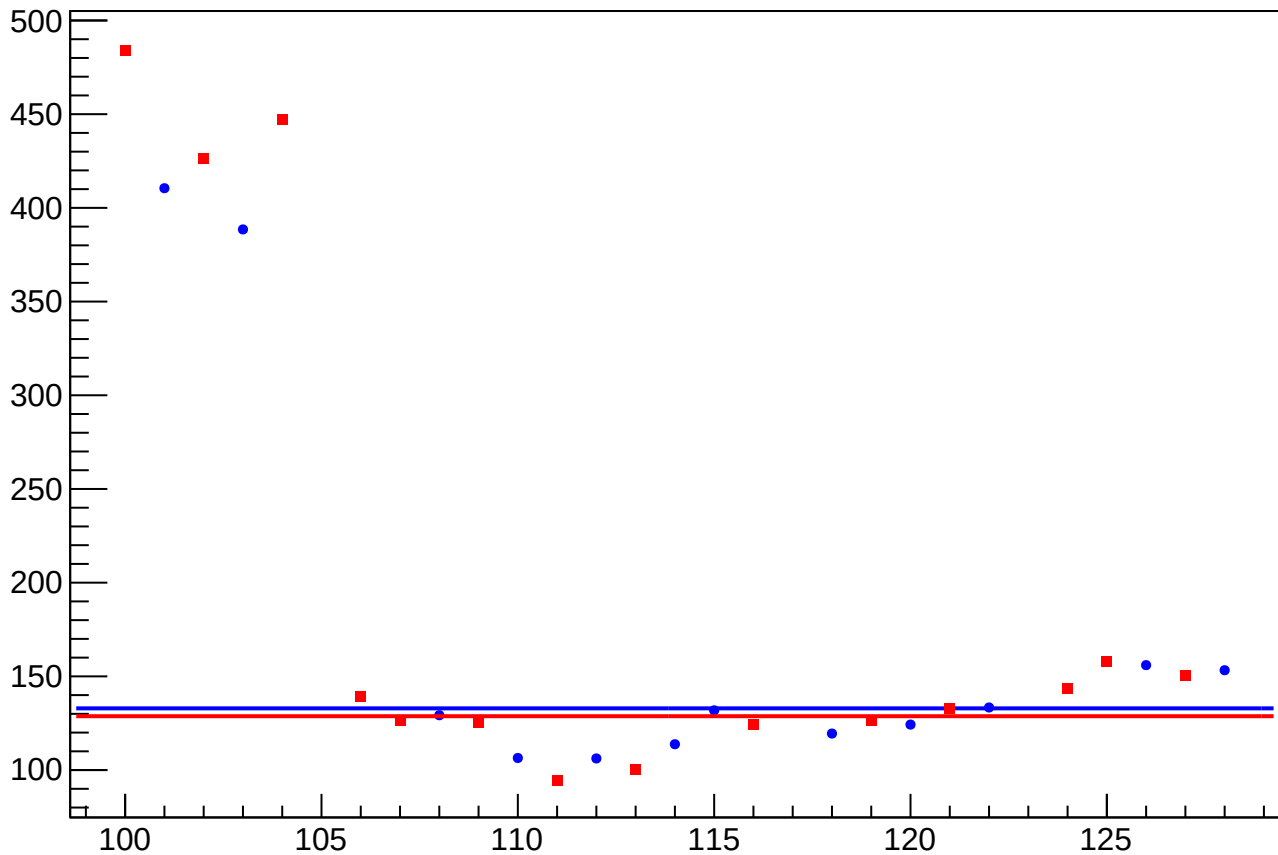
Right Out: 156053.377 $\pm$ 0.060 χ^2 /NDF: 458995269.1/13

All: 155954.156 $\pm$ 0.044 χ^2 /NDF: 835733834.0/13

- sign 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: 132.933 $\pm$ 0.046 χ^2 /NDF: 1245628.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

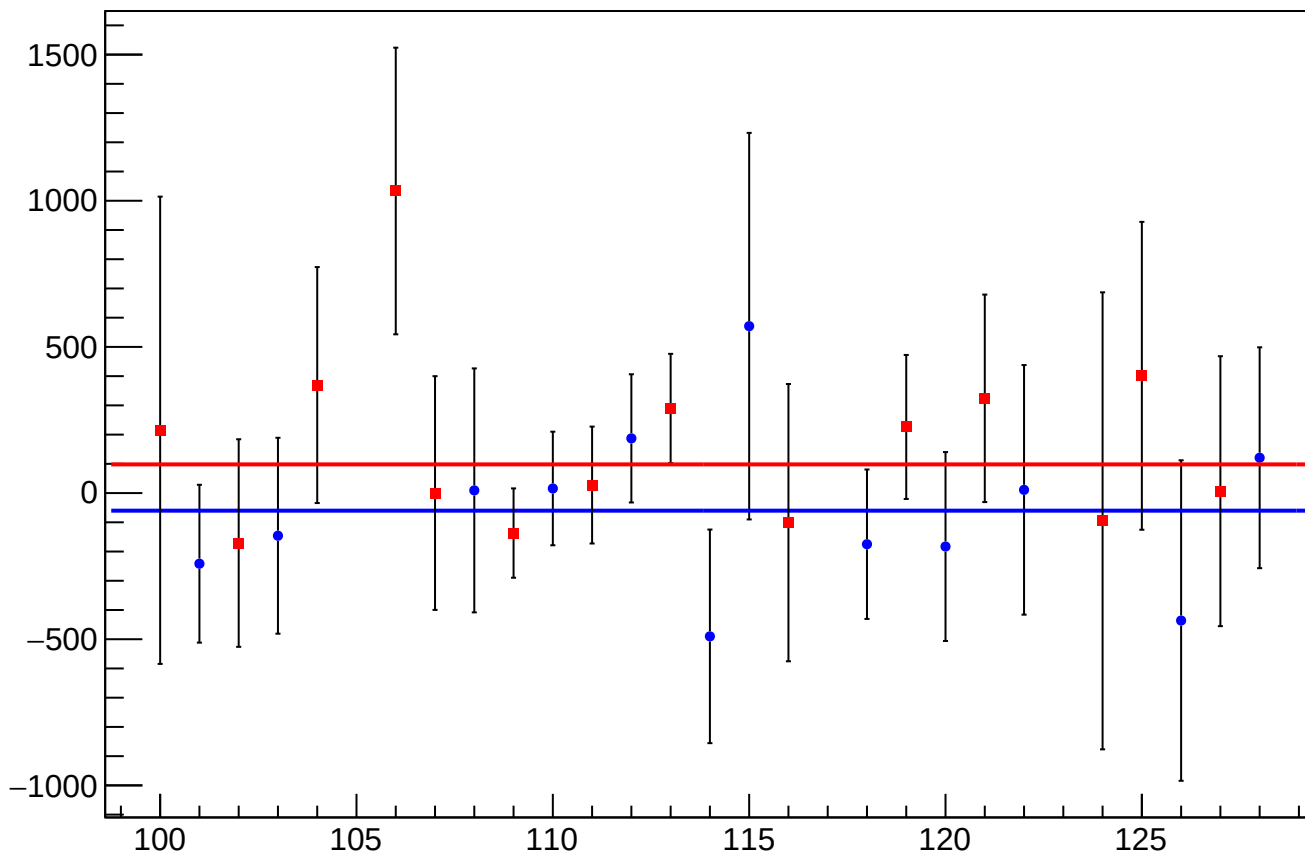
Right Out: 128.743 $\pm$ 0.042 χ^2 /NDF: 1468839.7/13

All: 130.657 $\pm$ 0.031 χ^2 /NDF: 2718923.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_target_mean vs Slug



Right In: -60.176 ± 89.038 χ^2/NDF : 5.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 98.138 ± 78.735 χ^2/NDF : 9.6/13

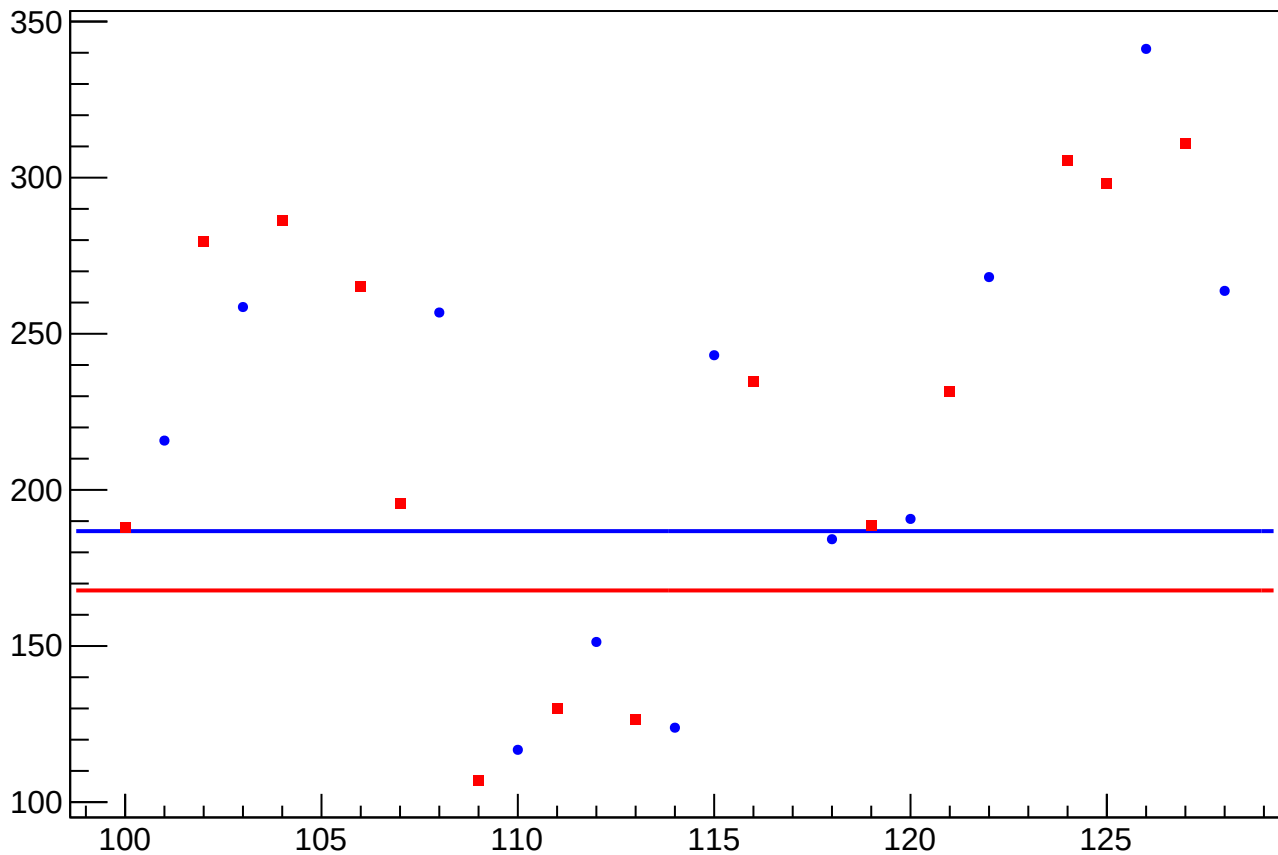
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 28.667 ± 58.982 χ^2/NDF : 16.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_target_rms vs Slug



Right In: 186.794 $\pm$ 0.063 χ^2 /NDF: 872163.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 167.795 $\pm$ 0.056 χ^2 /NDF: 1444555.4/13

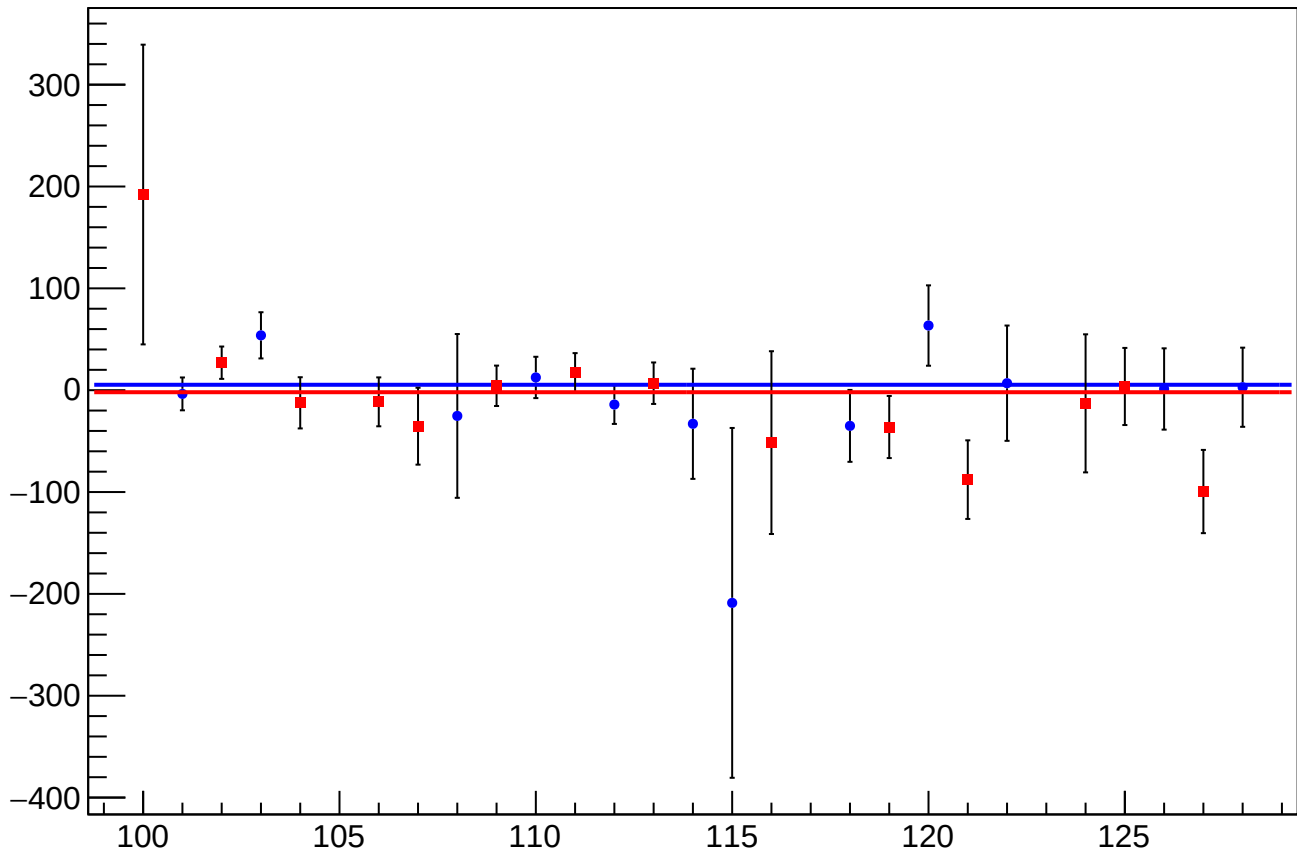
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 176.132 $\pm$ 0.042 χ^2 /NDF: 2367823.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_diff_mean vs Slug



Right In: 5.327+/-8.289 χ^2/NDF : 11.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.982+/-7.237 χ^2/NDF : 19.7/13

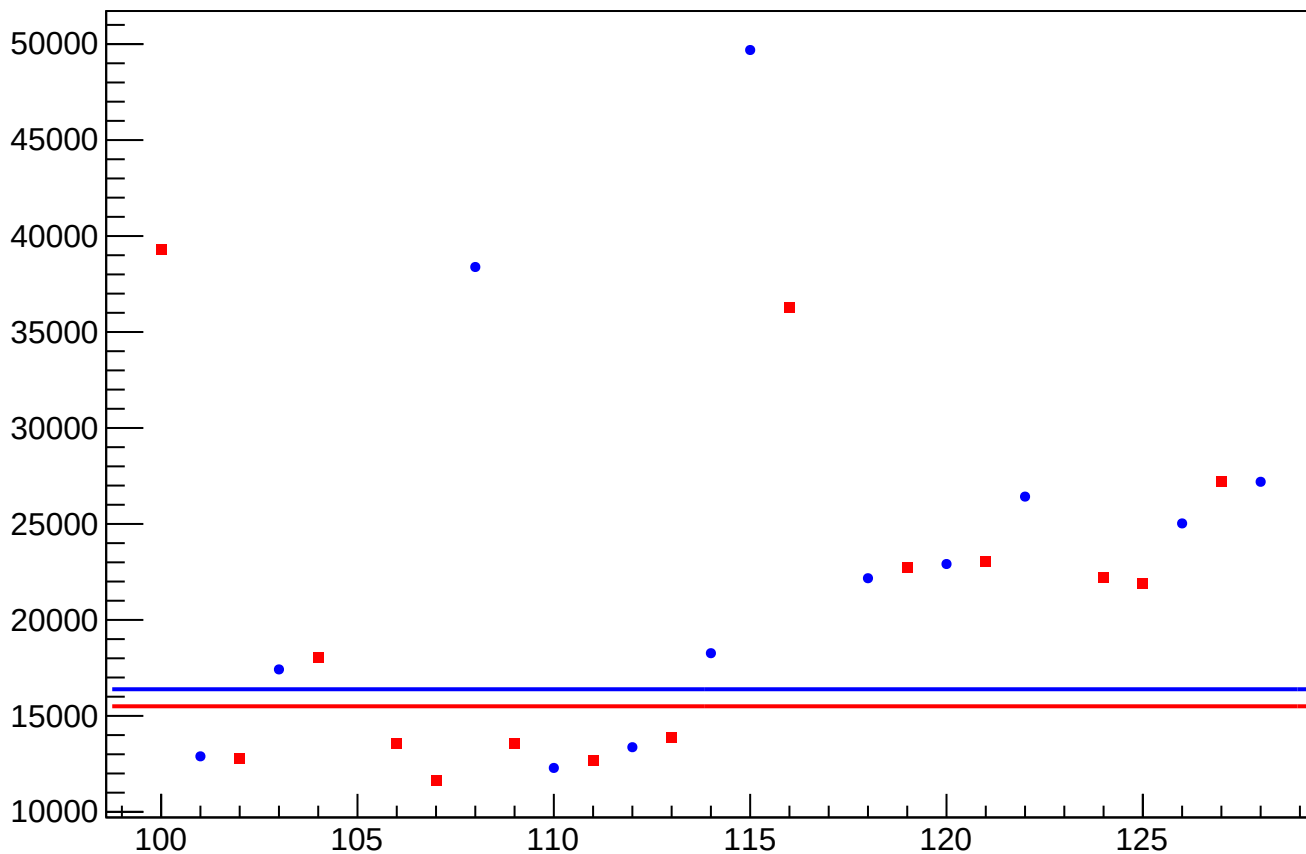
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.180+/-5.452 χ^2/NDF : 31.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_diff_rms vs Slug



Right In: 16387.943 +/- 5.861 χ^2/NDF : 876969.3/11

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 15500.313 +/- 5.117 χ^2/NDF : 780378.8/13

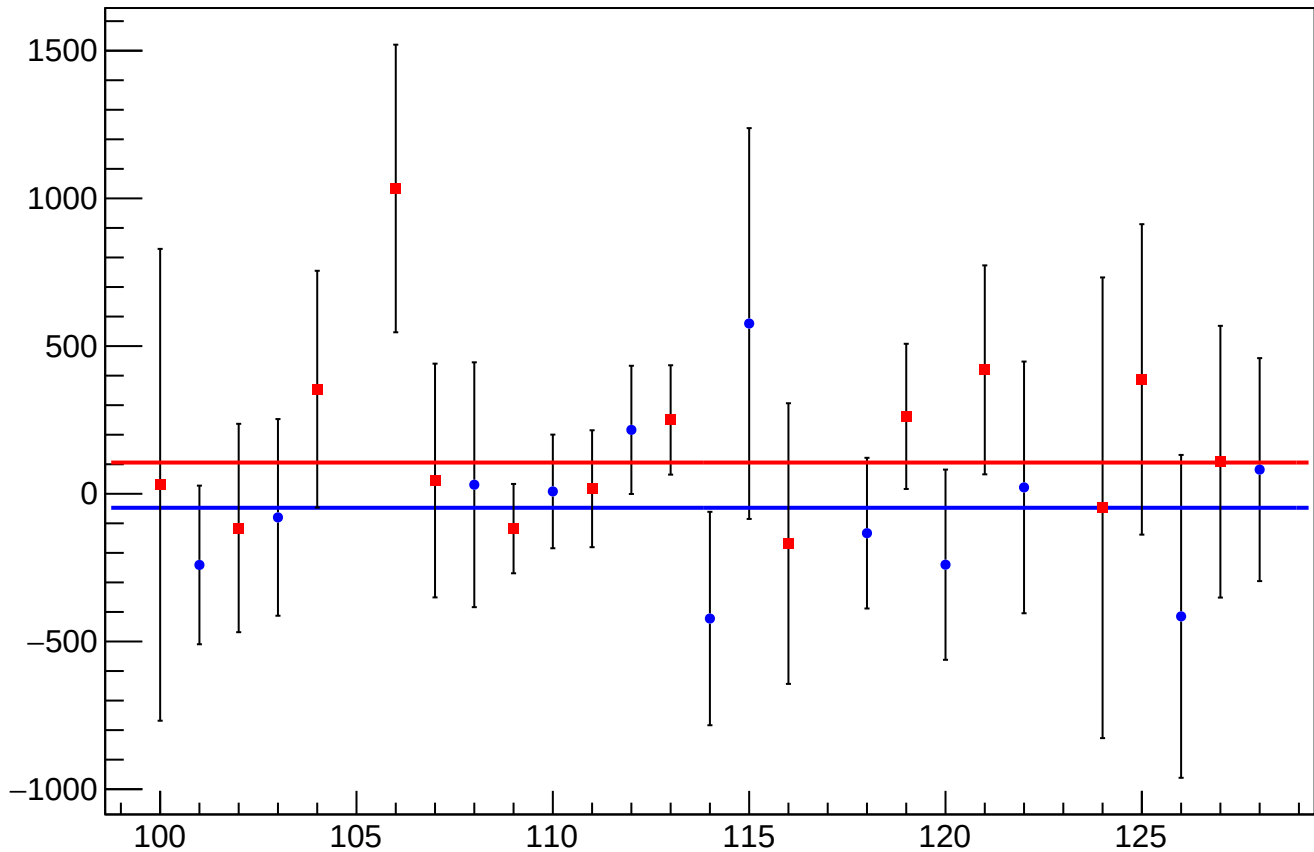
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 15884.277 +/- 3.855 χ^2/NDF : 1670362.4/24

- sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

asym_bcm_an_ds_mean vs Slug



Right In: -47.348 $\pm$ 88.450 χ^2 /NDF: 5.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 105.786 $\pm$ 78.124 χ^2 /NDF: 9.3/13

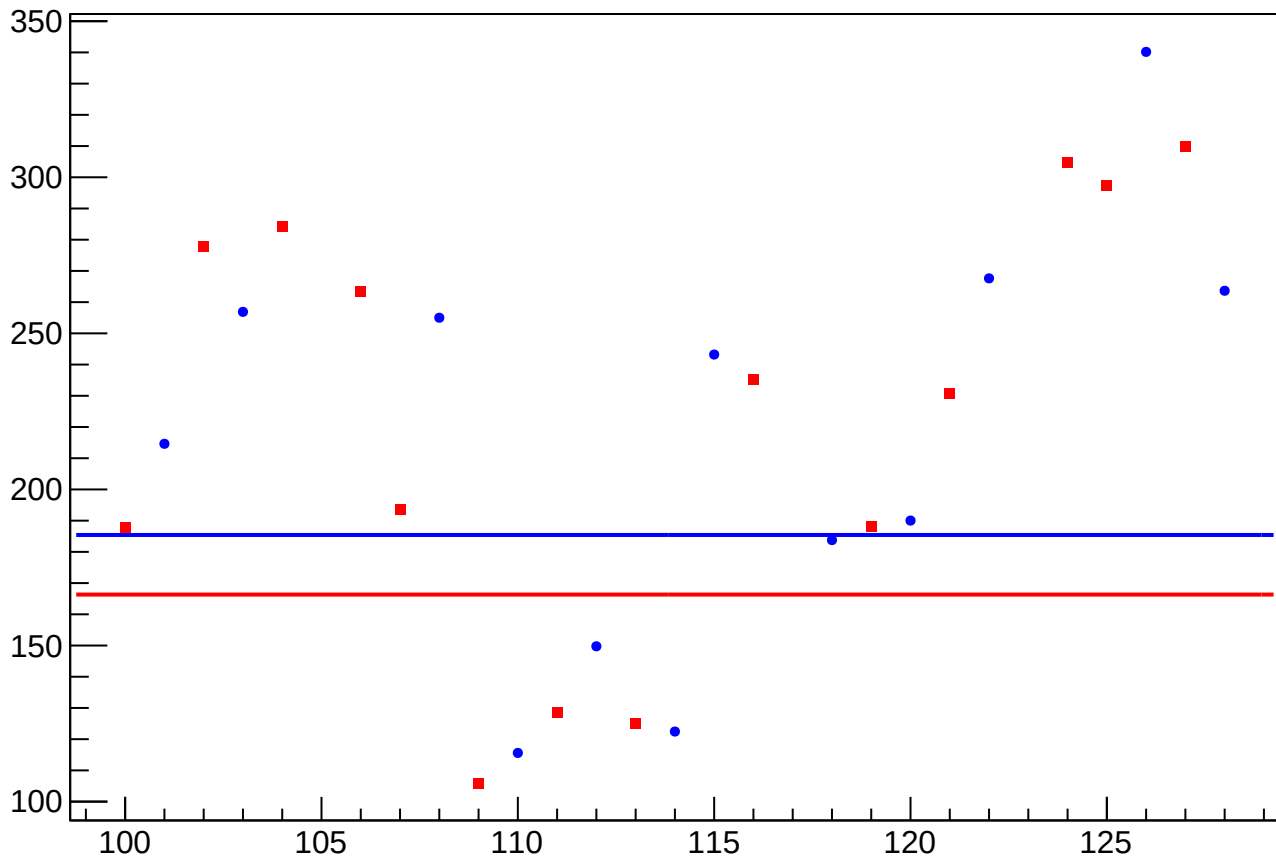
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 38.676 $\pm$ 58.554 χ^2 /NDF: 16.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_ds_rms vs Slug



Right In: 185.418 $\pm$ 0.063 χ^2 /NDF: 887050.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 166.325 $\pm$ 0.055 χ^2 /NDF: 1462594.2/13

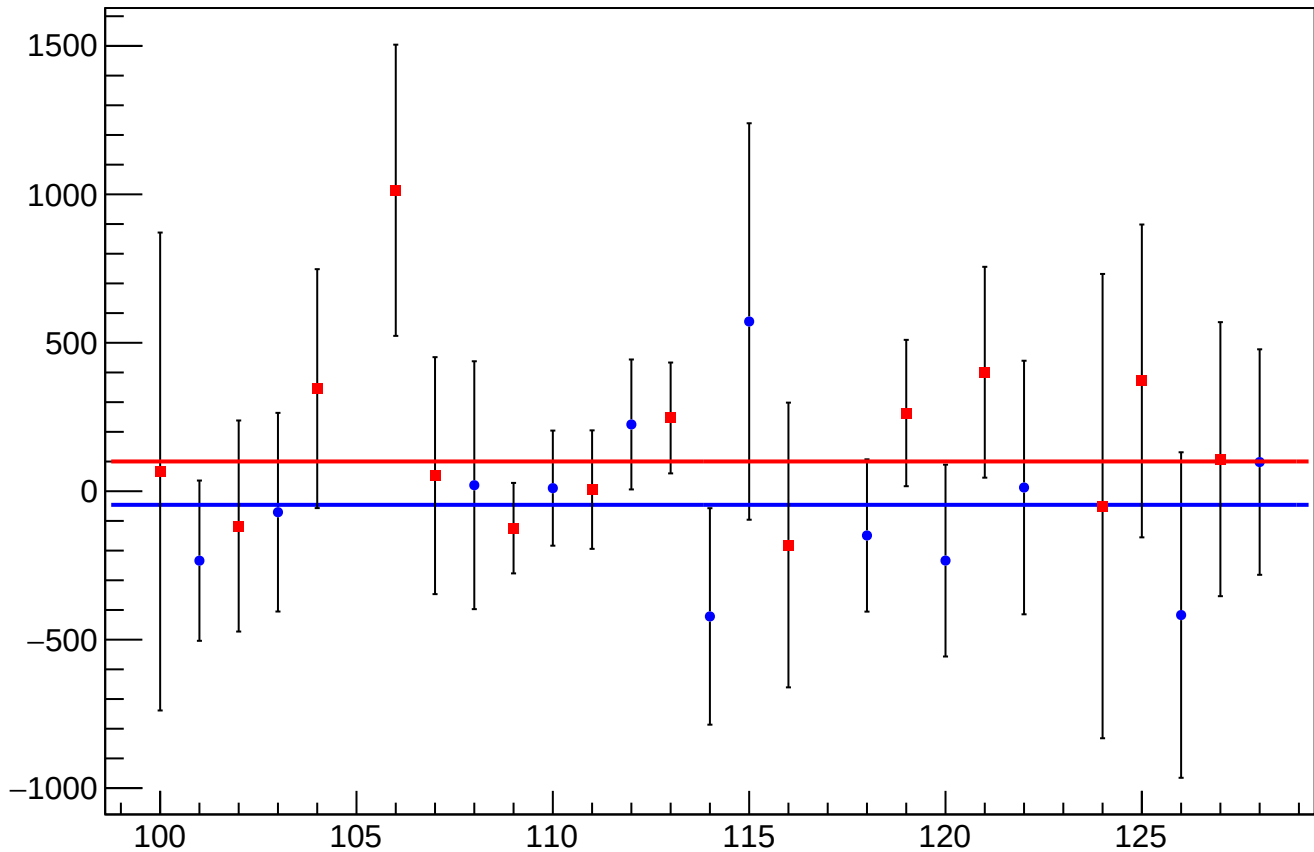
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 174.692 $\pm$ 0.041 χ^2 /NDF: 2401997.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_ds3_mean vs Slug



Right In: -45.852 ± 89.029 χ^2/NDF : 5.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 100.264 ± 78.667 χ^2/NDF : 9.0/13

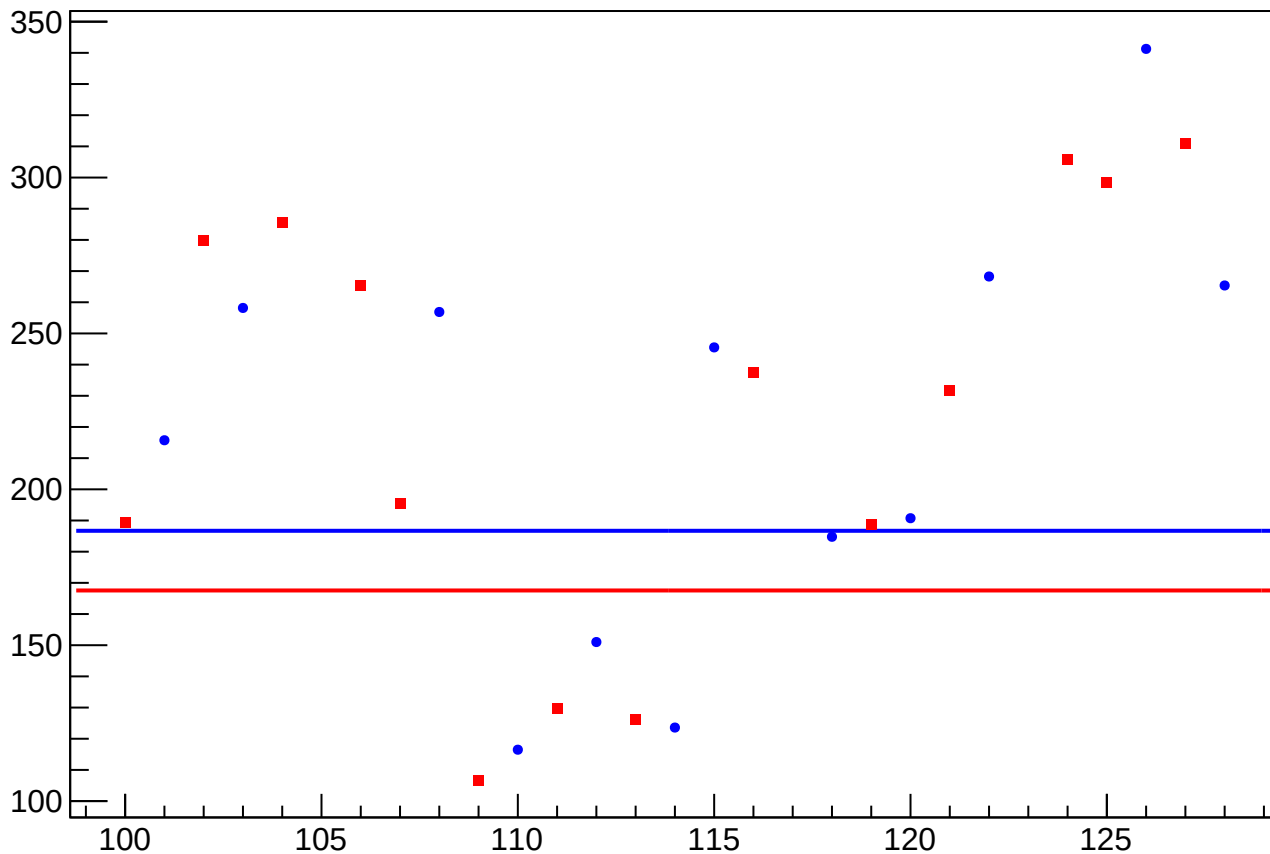
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 36.200 ± 58.951 χ^2/NDF : 15.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_an_ds3_rms vs Slug



Right In: 186.699 ± 0.063 χ^2/NDF : 880147.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 167.559 ± 0.056 χ^2/NDF : 1453725.1/13

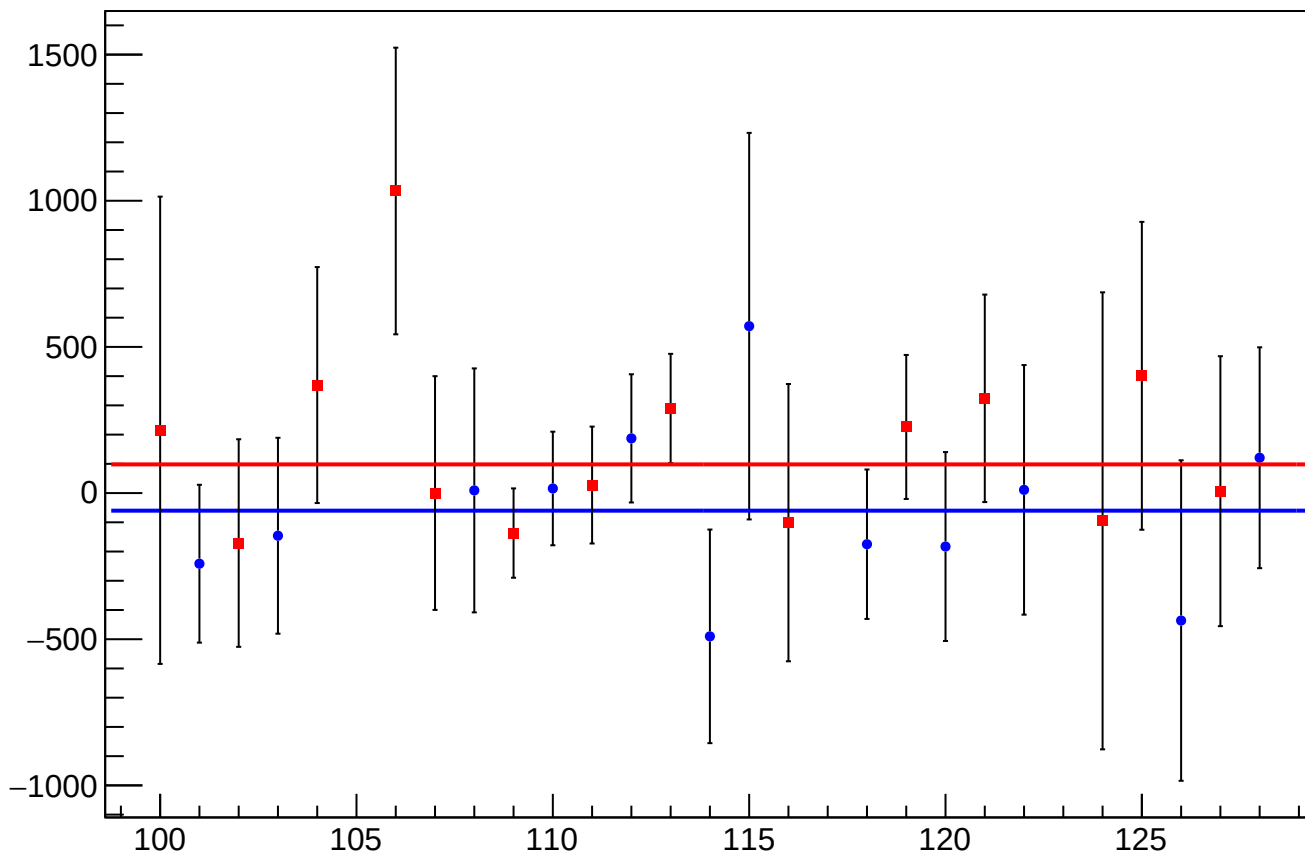
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 175.951 ± 0.042 χ^2/NDF : 2385785.1/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_mean vs Slug



Right In: -60.176 ± 89.038 χ^2/NDF : 5.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 98.138 ± 78.735 χ^2/NDF : 9.6/13

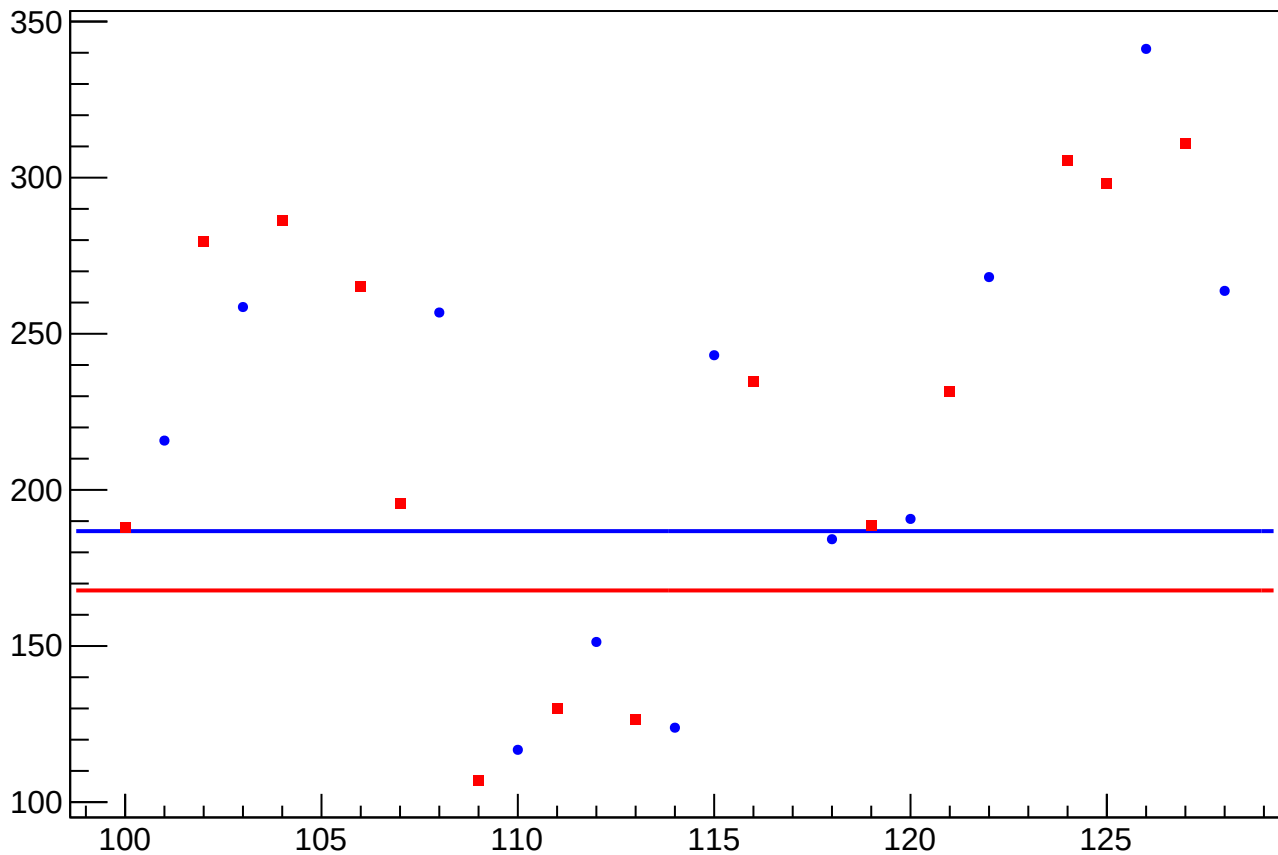
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 28.667 ± 58.982 χ^2/NDF : 16.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_rms vs Slug



Right In: 186.794 $\pm$ 0.063 χ^2 /NDF: 872163.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 167.795 $\pm$ 0.056 χ^2 /NDF: 1444555.4/13

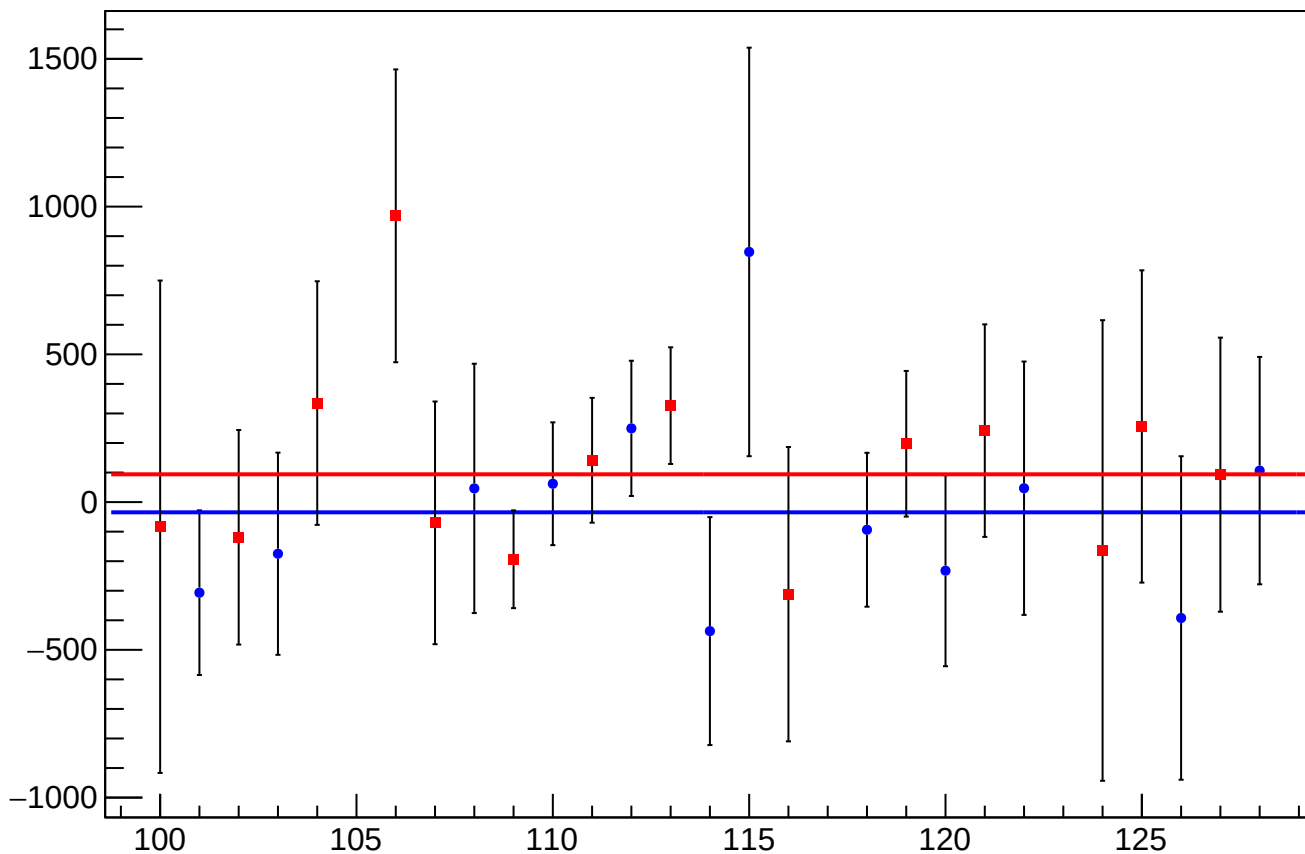
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 176.132 $\pm$ 0.042 χ^2 /NDF: 2367823.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_mean vs Slug



Right In: -34.591 ± 92.072 χ^2/NDF : 6.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 94.048 ± 82.289 χ^2/NDF : 9.7/13

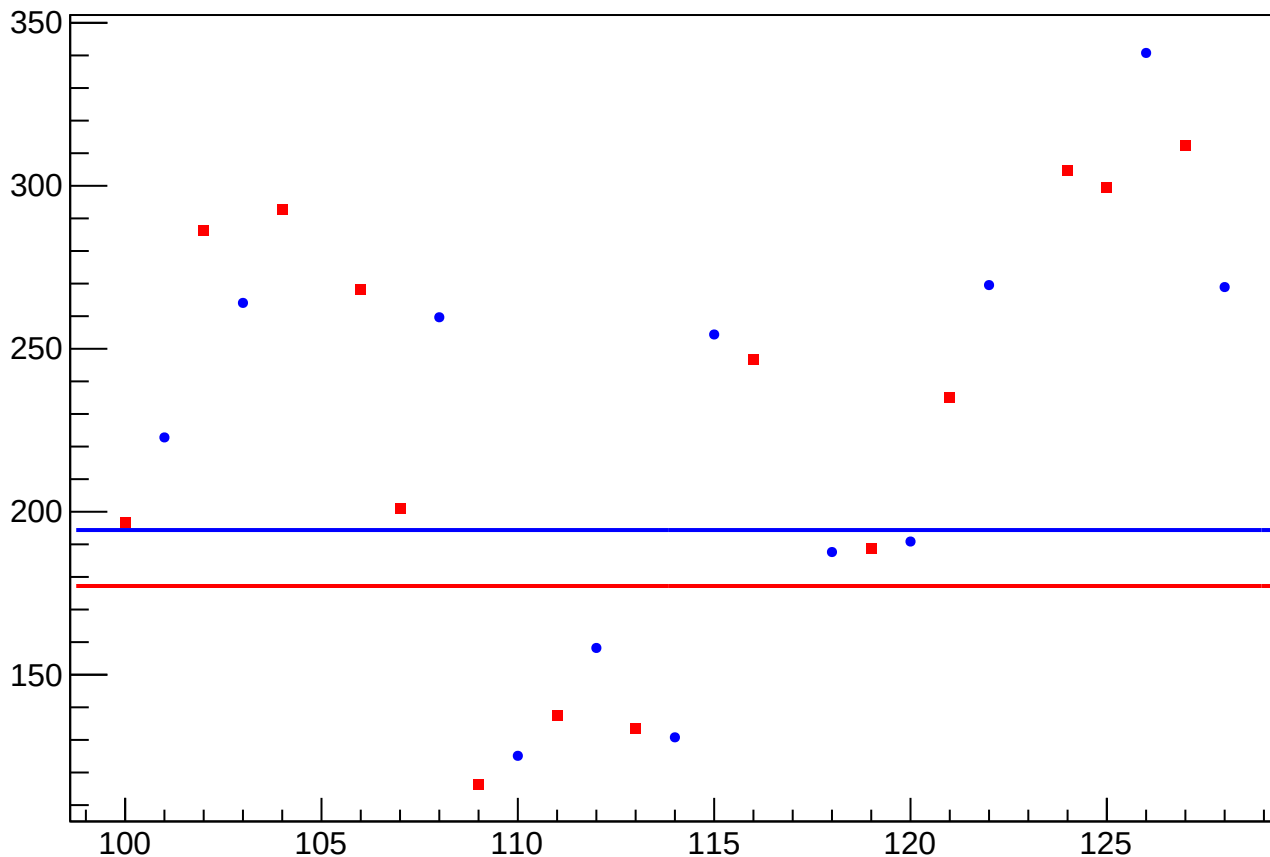
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 36.924 ± 61.356 χ^2/NDF : 17.4/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_rms vs Slug



Right In: 194.388+/-0.065 χ^2/NDF : 774445.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 177.223+/-0.058 χ^2/NDF : 1276725.3/13

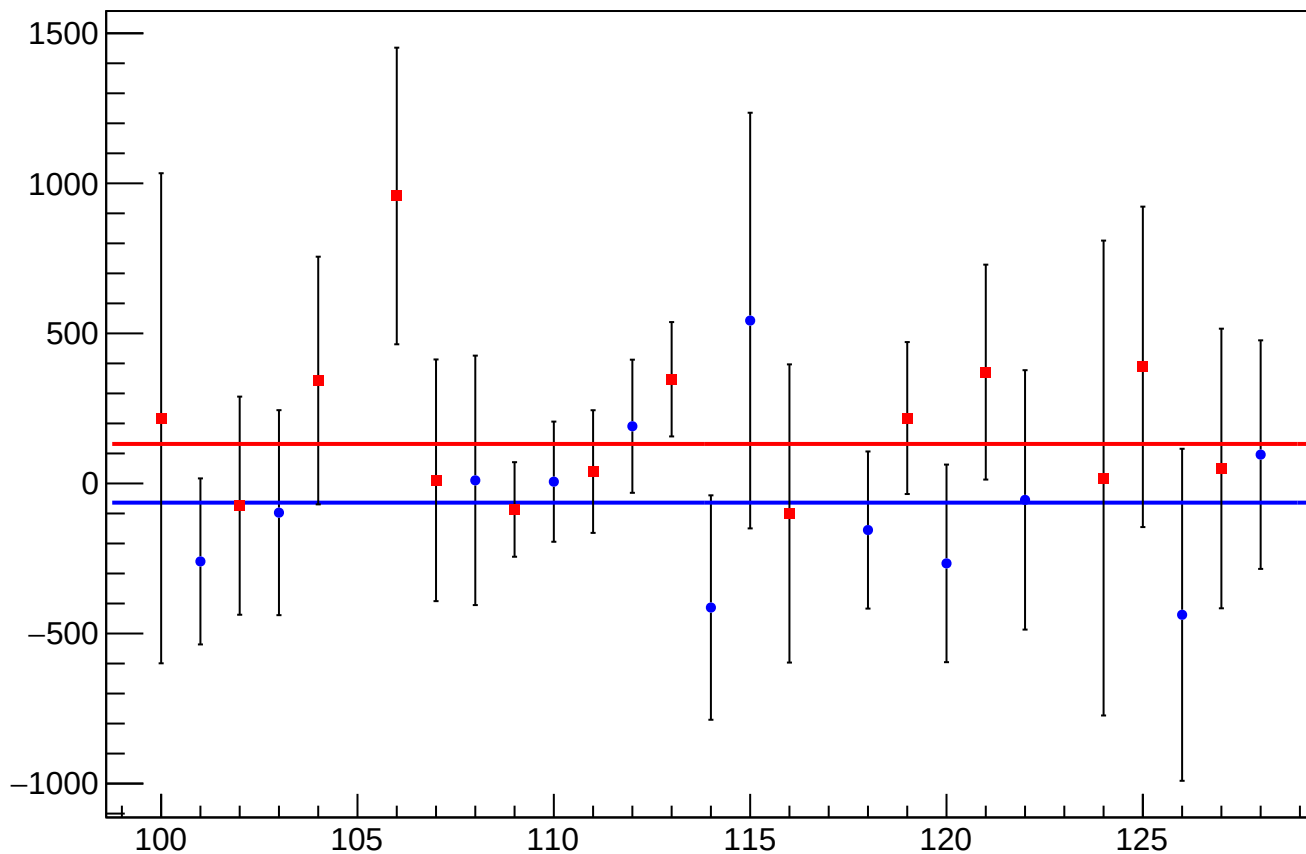
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.845+/-0.043 χ^2/NDF : 2089817.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_mean vs Slug



Right In: -63.932 ± 90.804 χ^2/NDF : 4.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 131.699 ± 80.540 χ^2/NDF : 7.9/13

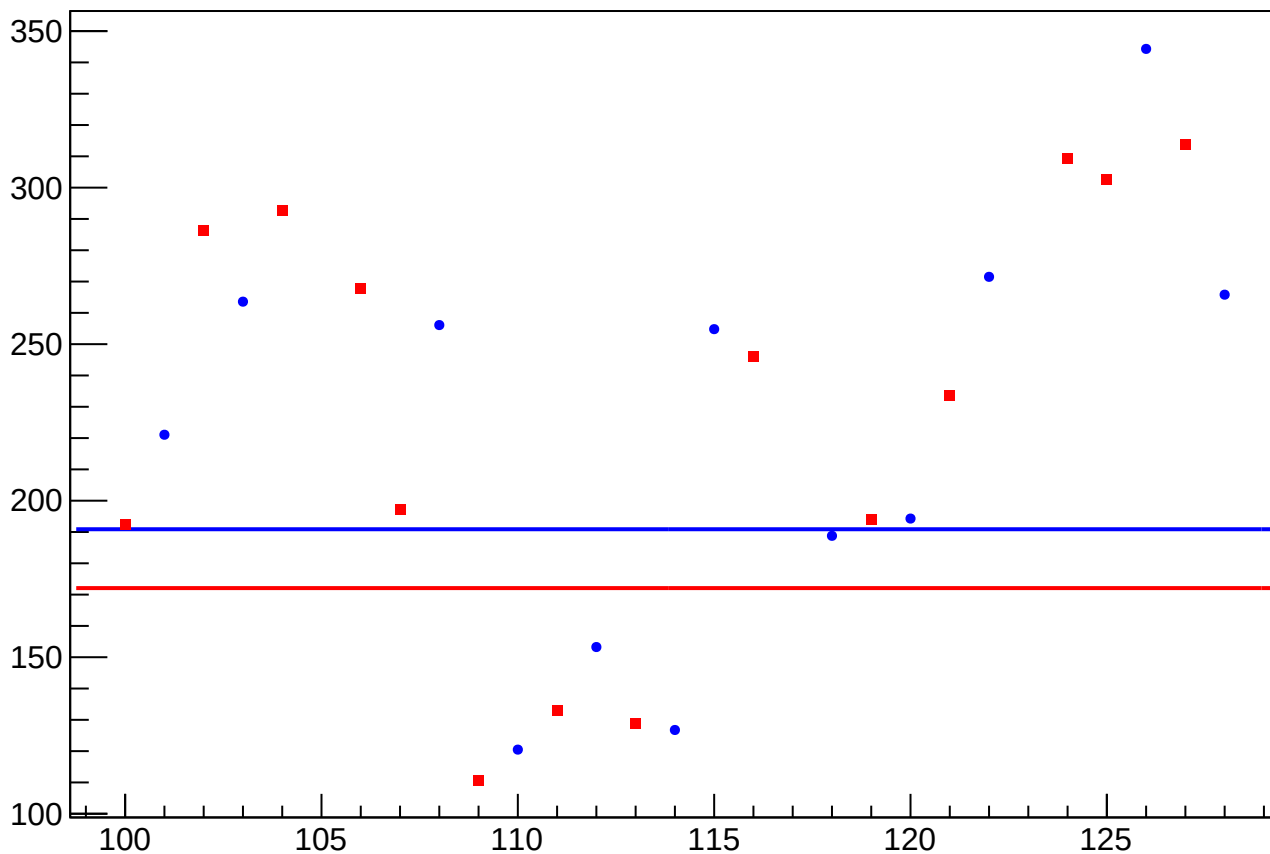
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 45.561 ± 60.254 χ^2/NDF : 15.3/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_rms vs Slug



Right In: 190.880+/-0.064 χ^2/NDF : 845645.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.080+/-0.057 χ^2/NDF : 1416052.6/13

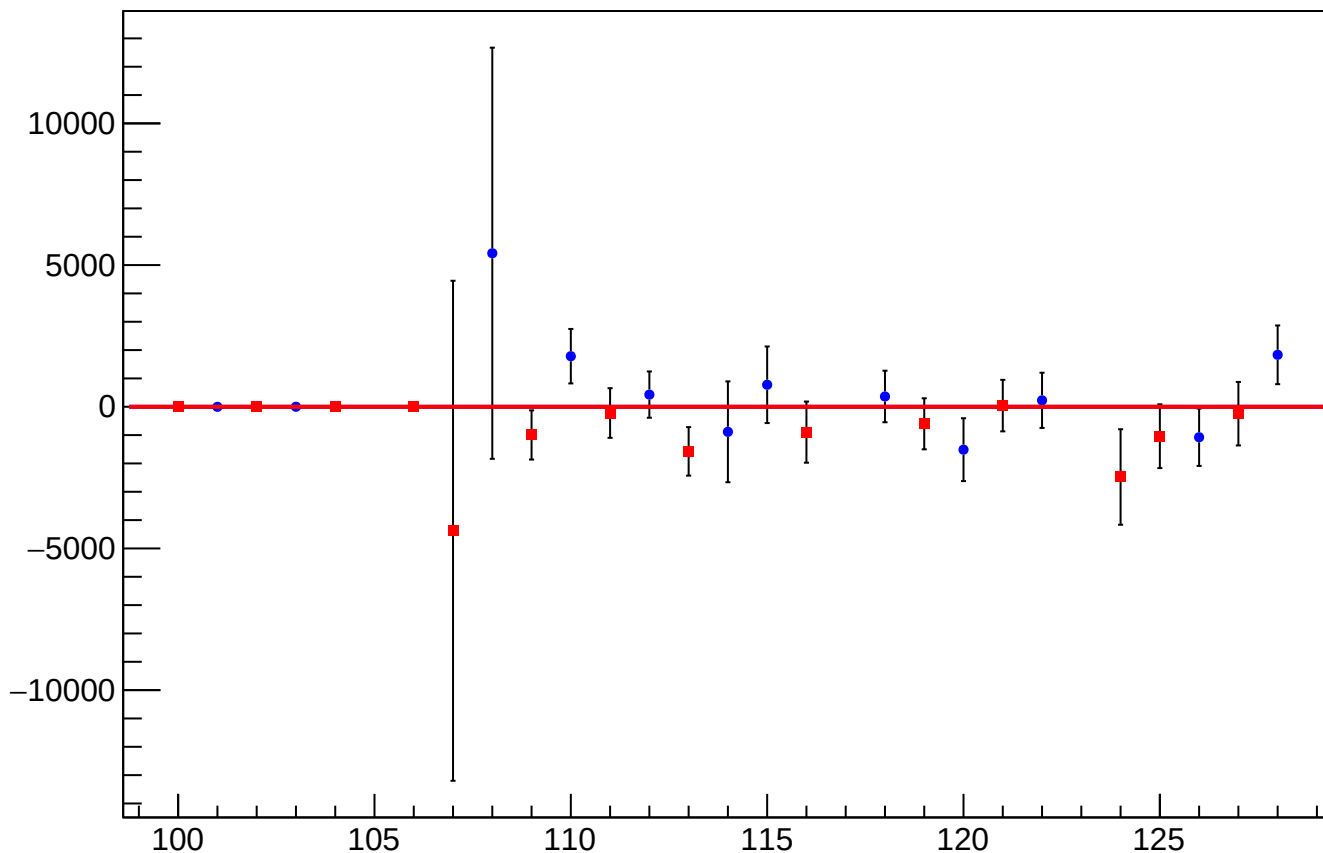
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.358+/-0.043 χ^2/NDF : 2309678.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_cav4bQ_mean vs Slug



Right In: -1.204+/-2.171 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.392+/-2.022 χ^2/NDF : 14.4/13

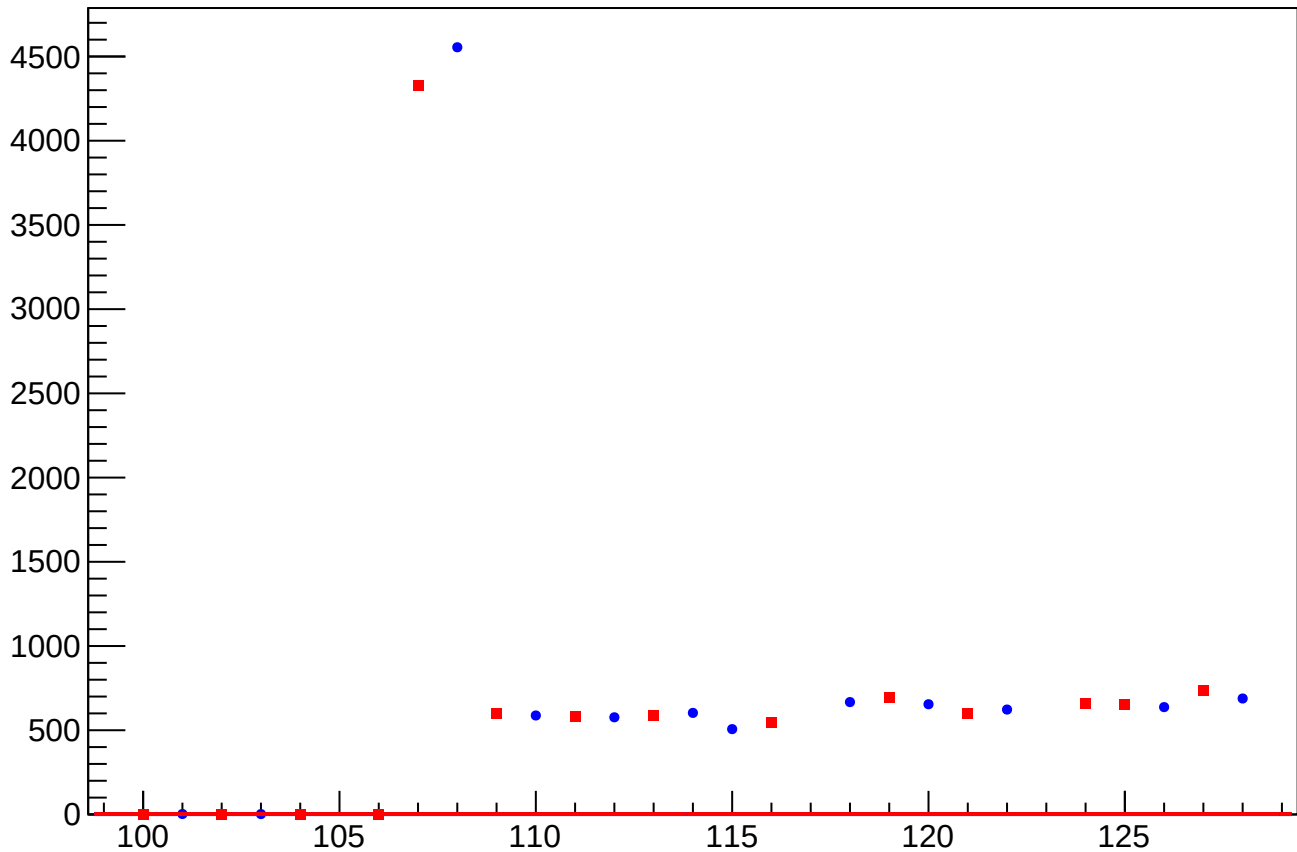
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.305+/-1.480 χ^2/NDF : 26.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_cav4bQ_rms vs Slug



Right In: 2.455+/-0.002 χ^2/NDF : 7274716.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.446+/-0.001 χ^2/NDF : 7631775.4/13

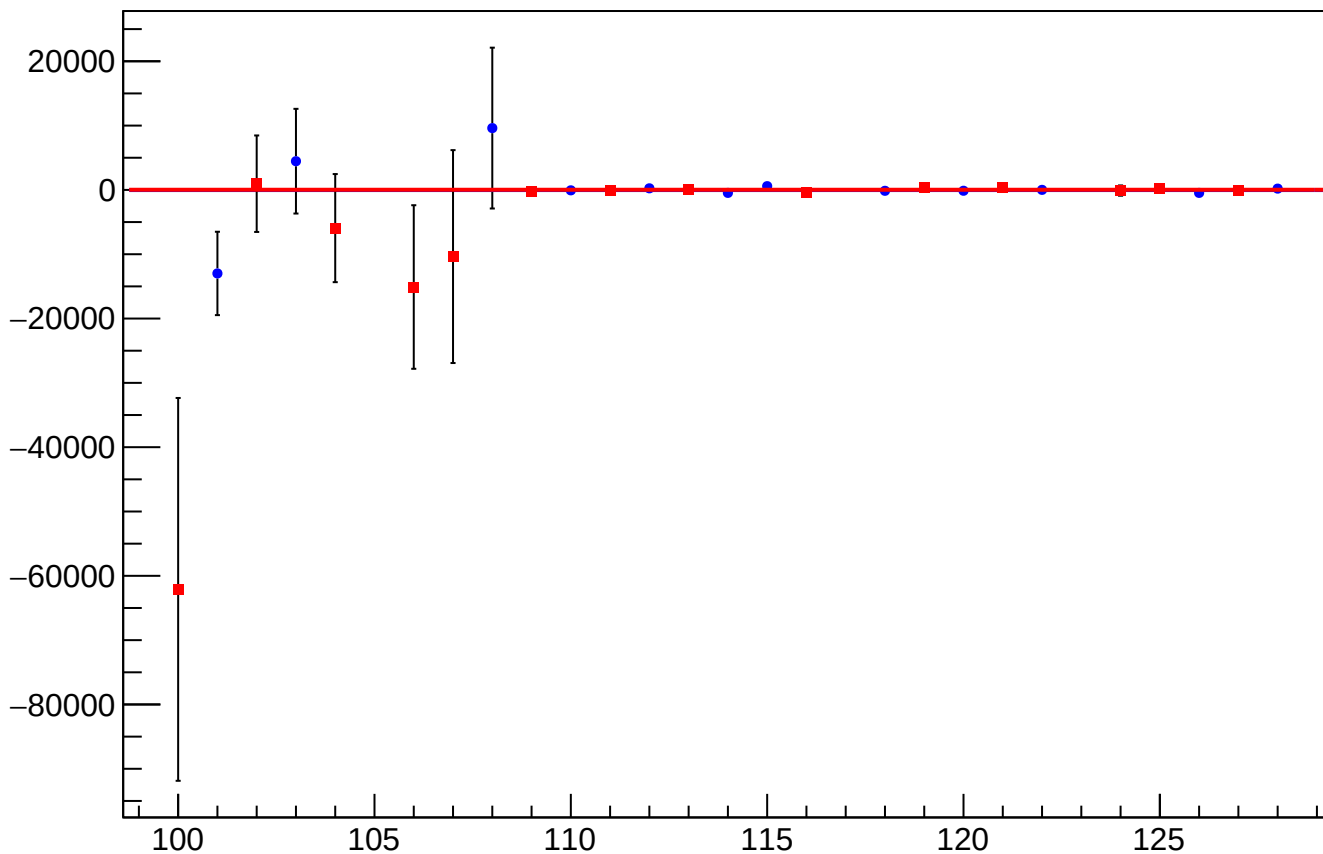
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.450+/-0.001 χ^2/NDF : 14906508.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_cav4cQ_mean vs Slug



Right In: -23.445+/-105.923 χ^2/NDF : 9.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.251+/-98.378 χ^2/NDF : 10.8/13

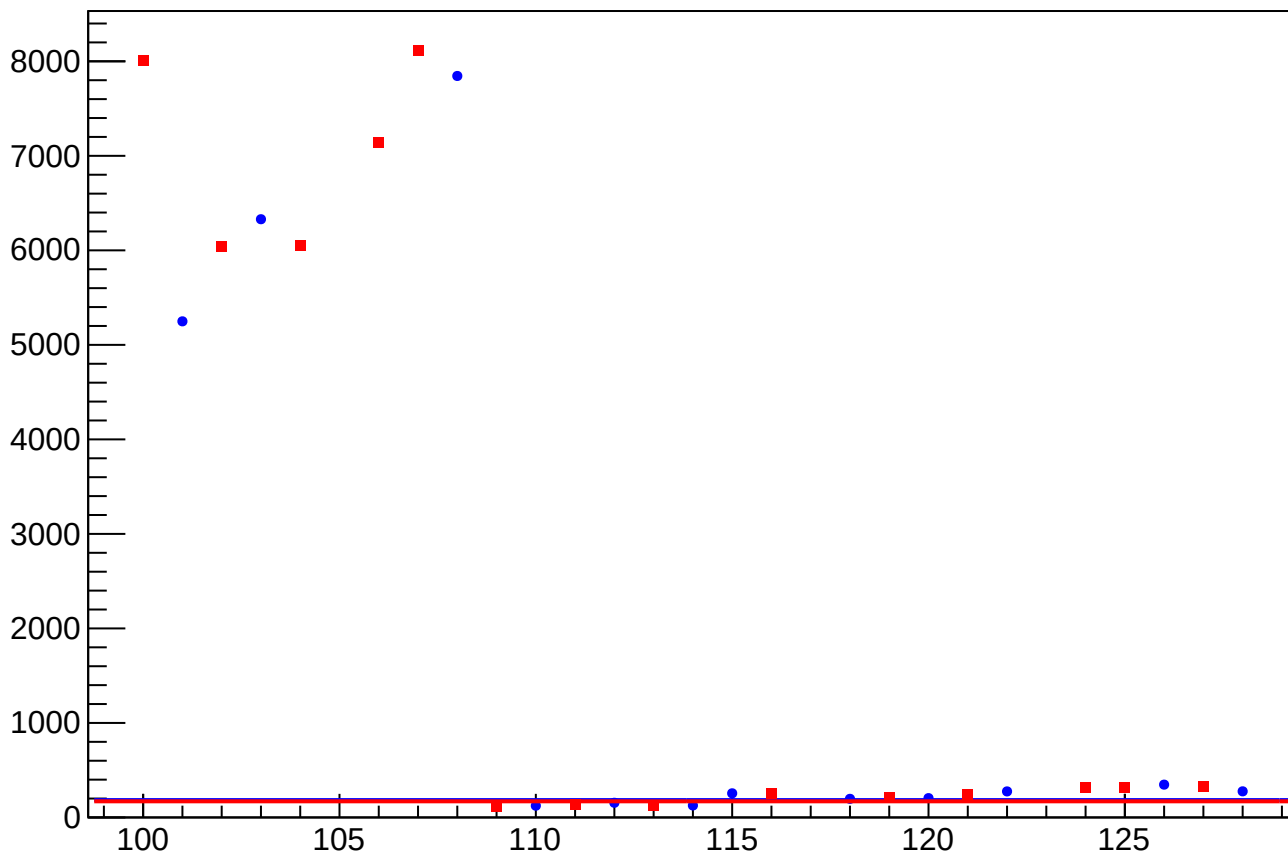
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.625+/-72.084 χ^2/NDF : 20.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_cav4cQ_rms vs Slug



Right In: 183.740+/-0.075 χ^2/NDF : 3757862.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.733+/-0.070 χ^2/NDF : 4221287.9/13

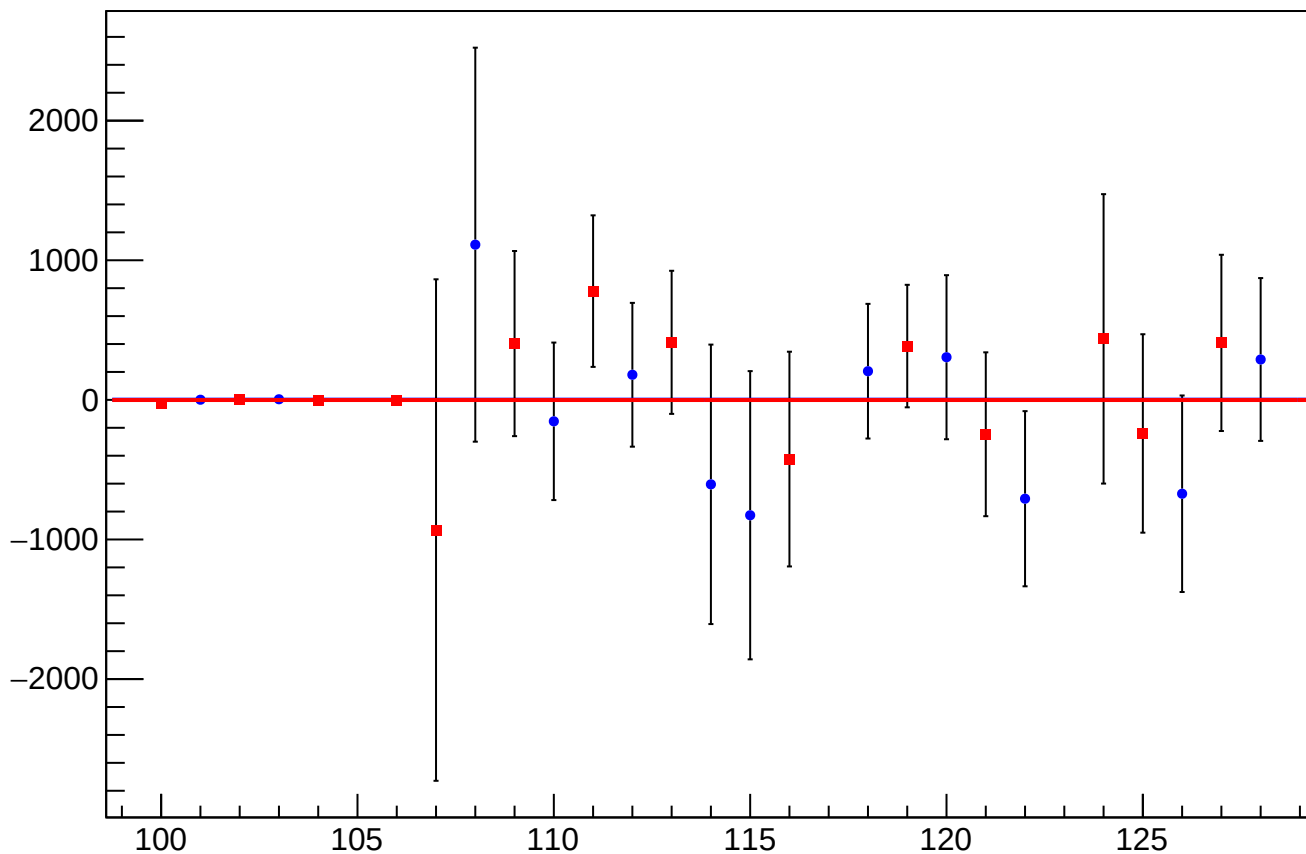
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.757+/-0.051 χ^2/NDF : 7995340.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_cav4dQ_mean vs Slug



Right In: 1.440 $\pm$ 1.660 χ^2 /NDF: 5.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.098 $\pm$ 1.528 χ^2 /NDF: 7.8/13

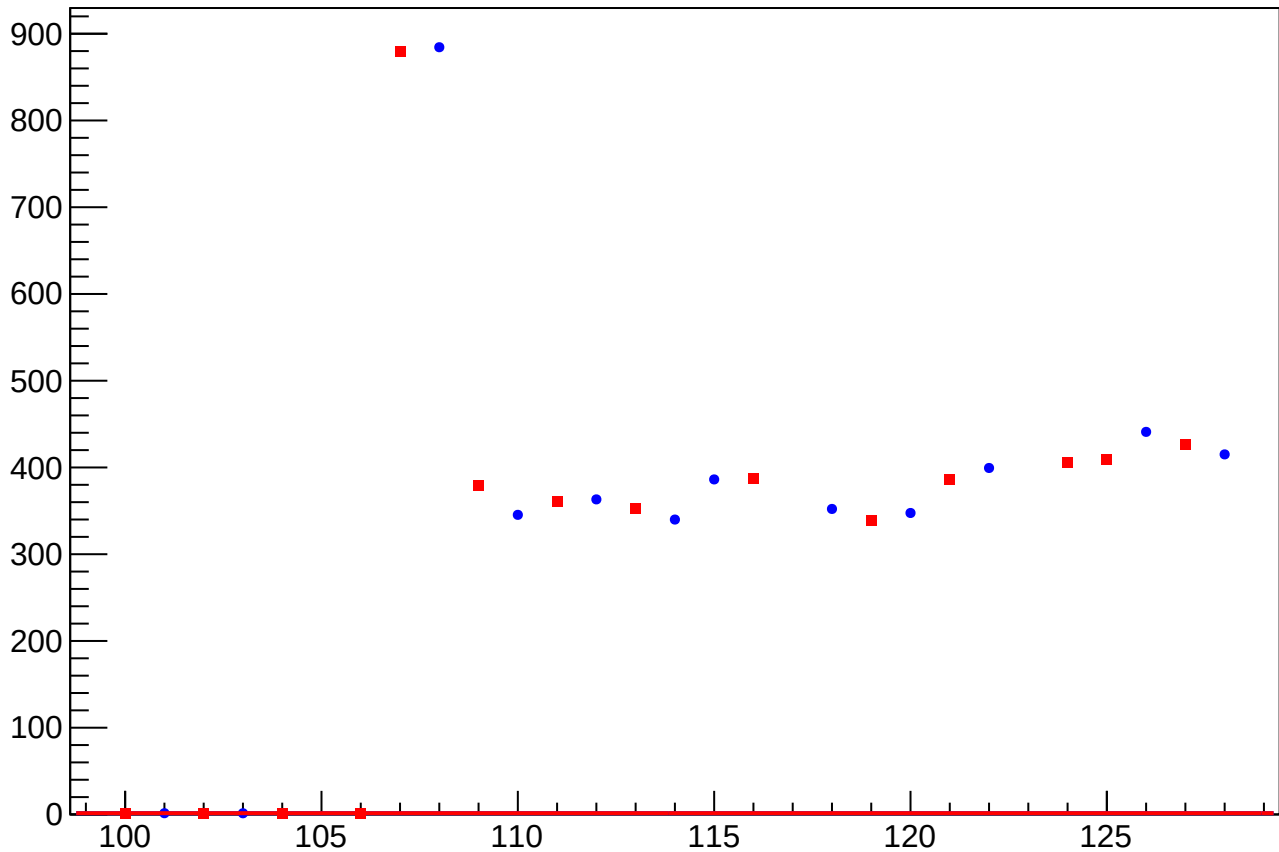
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.066 $\pm$ 1.124 χ^2 /NDF: 14.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_cav4dQ_rms vs Slug



Right In: 1.455+/-0.001 χ^2/NDF : 7363225.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.455+/-0.001 χ^2/NDF : 7356134.4/13

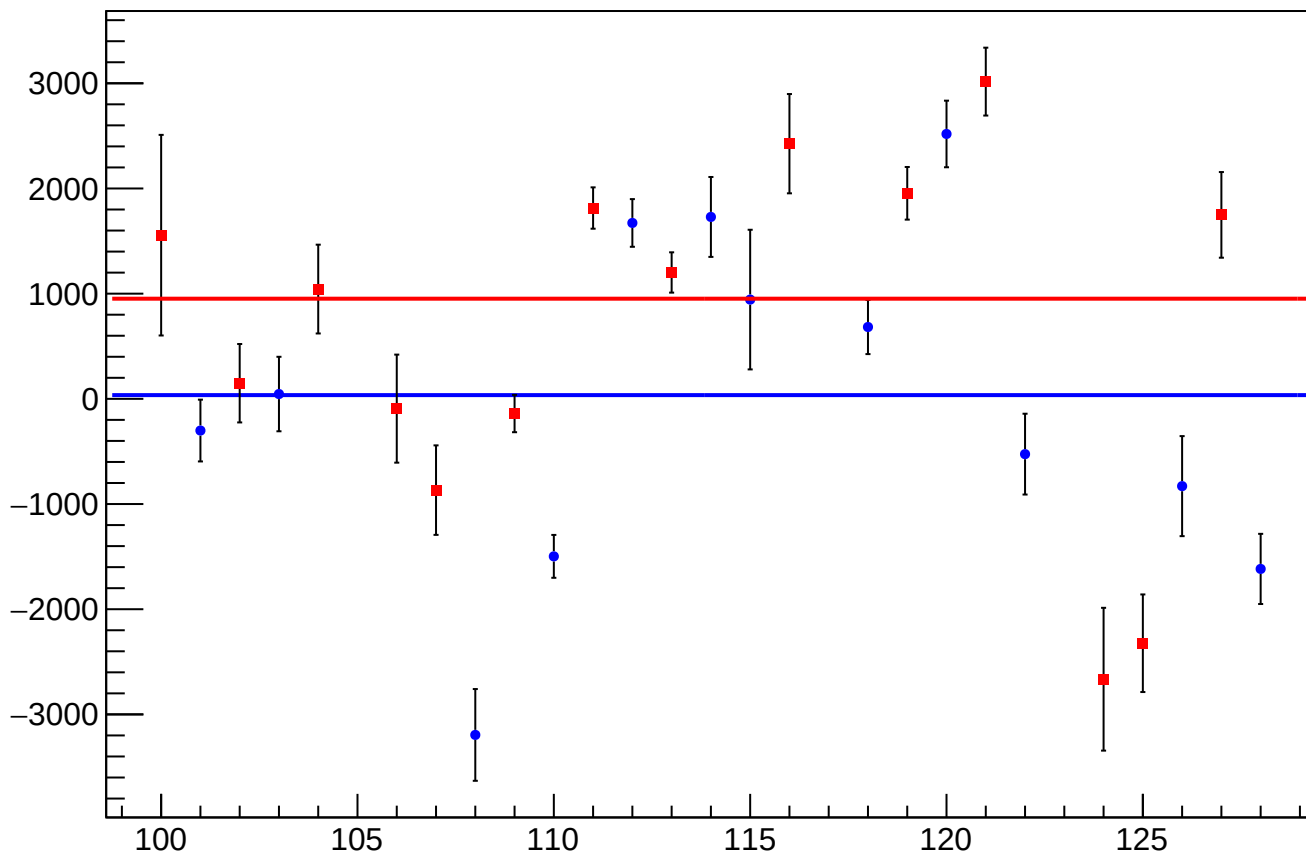
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.455+/-0.001 χ^2/NDF : 14719359.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm0l02_mean vs Slug



Right In: 35.495+/-90.237 χ^2/NDF : 284.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 952.186+/-81.378 χ^2/NDF : 235.1/13

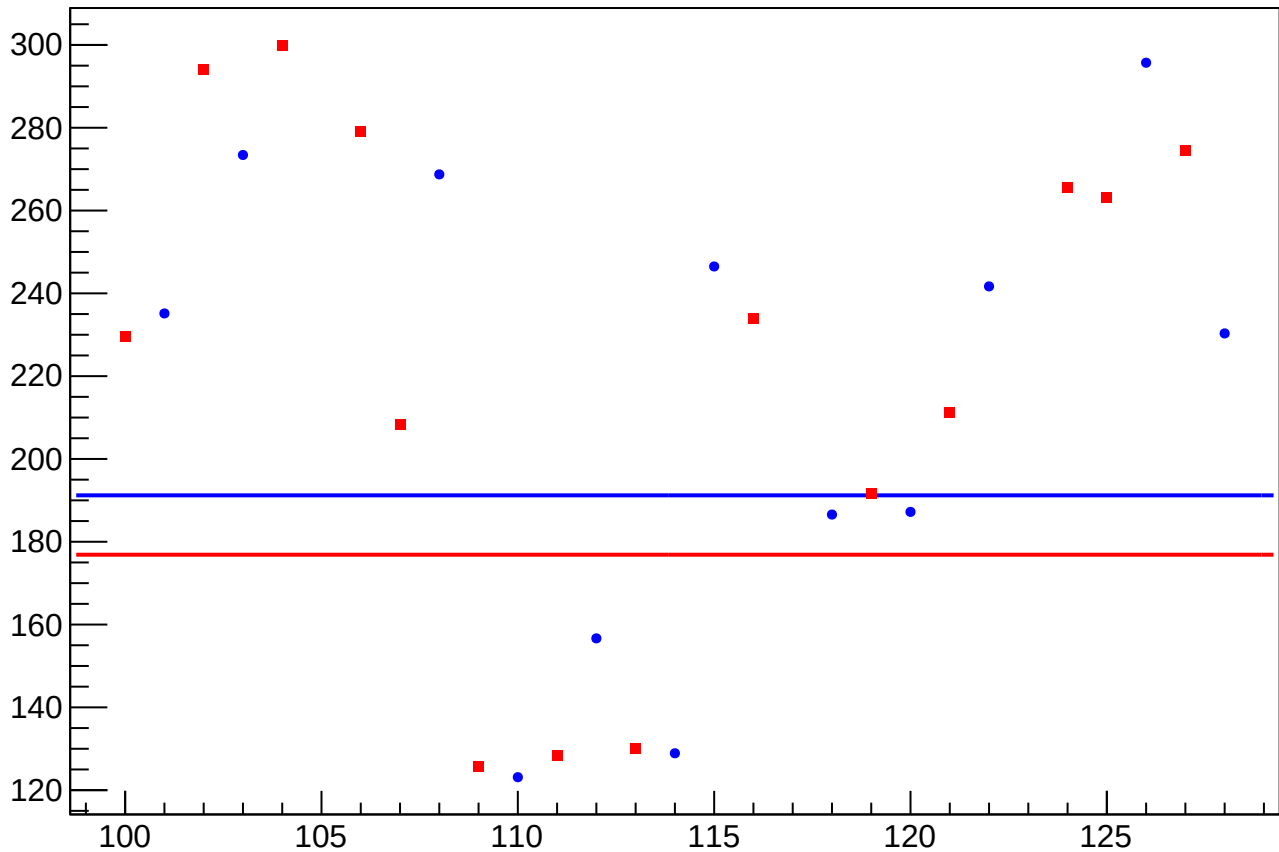
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.038+/-60.433 χ^2/NDF : 576.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm0l02_rms vs Slug



Right In: 191.213+/-0.064 χ^2/NDF : 712634.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.872+/-0.058 χ^2/NDF : 1149106.3/13

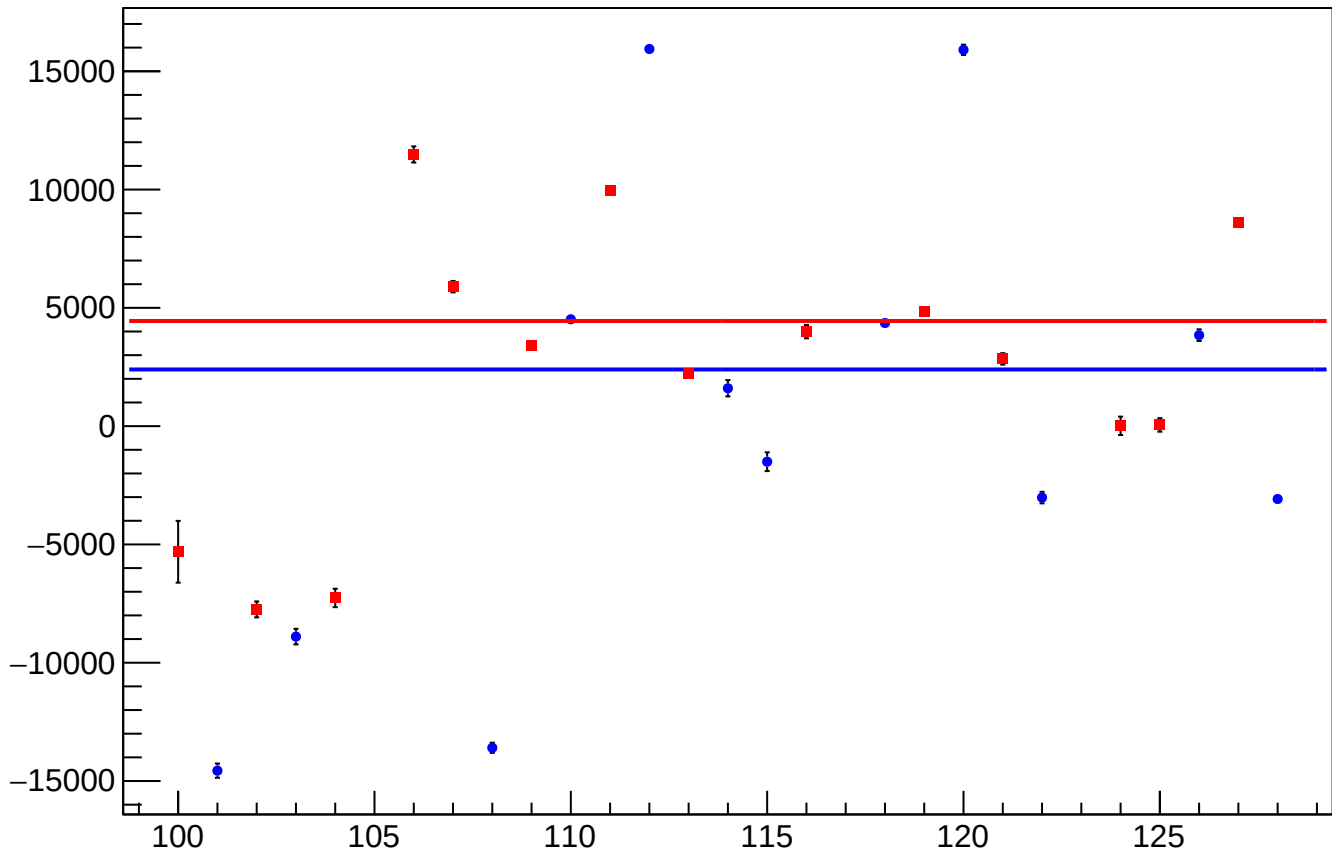
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.304+/-0.043 χ^2/NDF : 1889600.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02WS_mean vs Slug



Right In: 2395.637+/-64.684 χ^2/NDF : 21530.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4445.443+/-61.416 χ^2/NDF : 5053.8/13

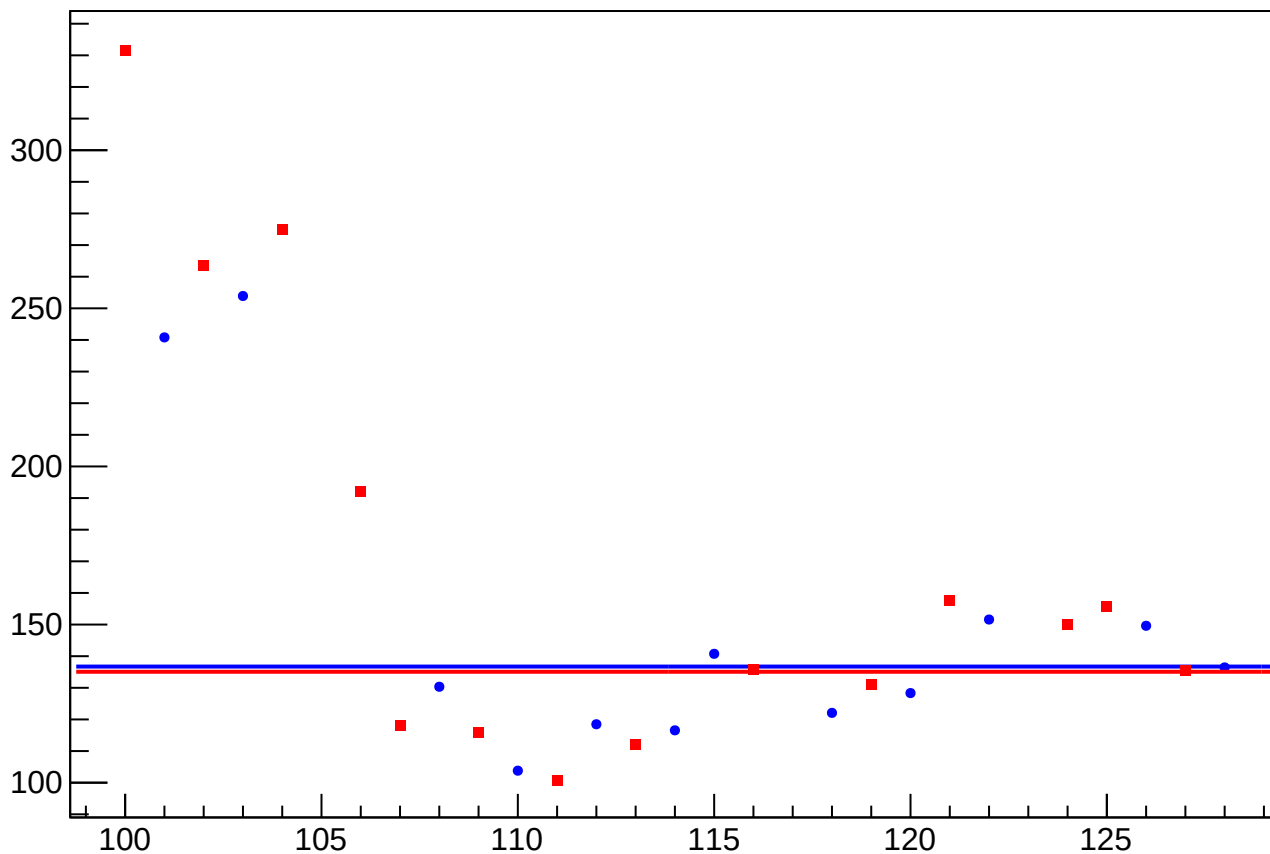
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3473.630+/-44.538 χ^2/NDF : 27112.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02WS_rms vs Slug



Right In: 136.718+/-0.046 χ^2/NDF : 626278.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.075+/-0.043 χ^2/NDF : 857270.6/13

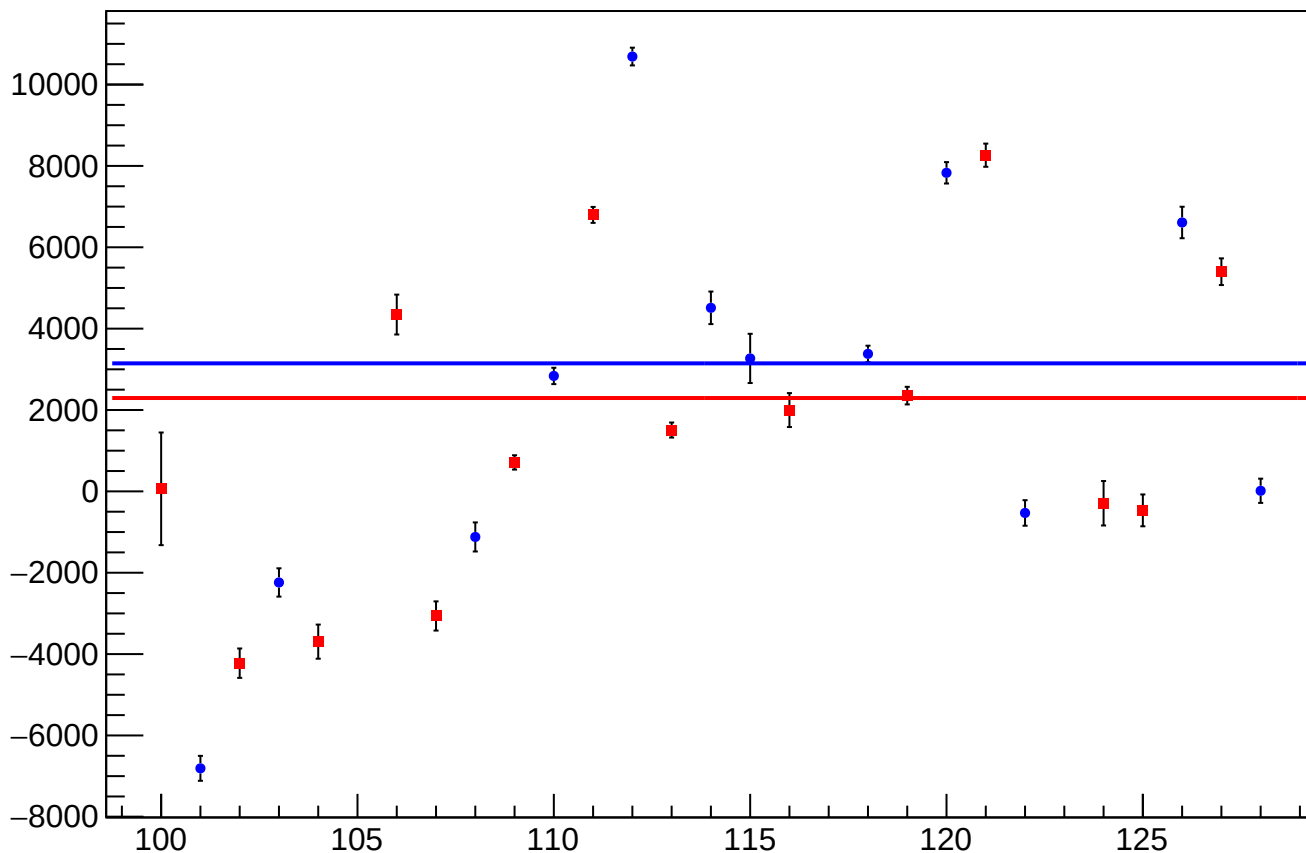
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.854+/-0.031 χ^2/NDF : 1484228.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02aWS_mean vs Slug



Right In: 3146.568+/-81.936 χ^2/NDF : 3293.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2294.832+/-76.242 χ^2/NDF : 2001.1/13

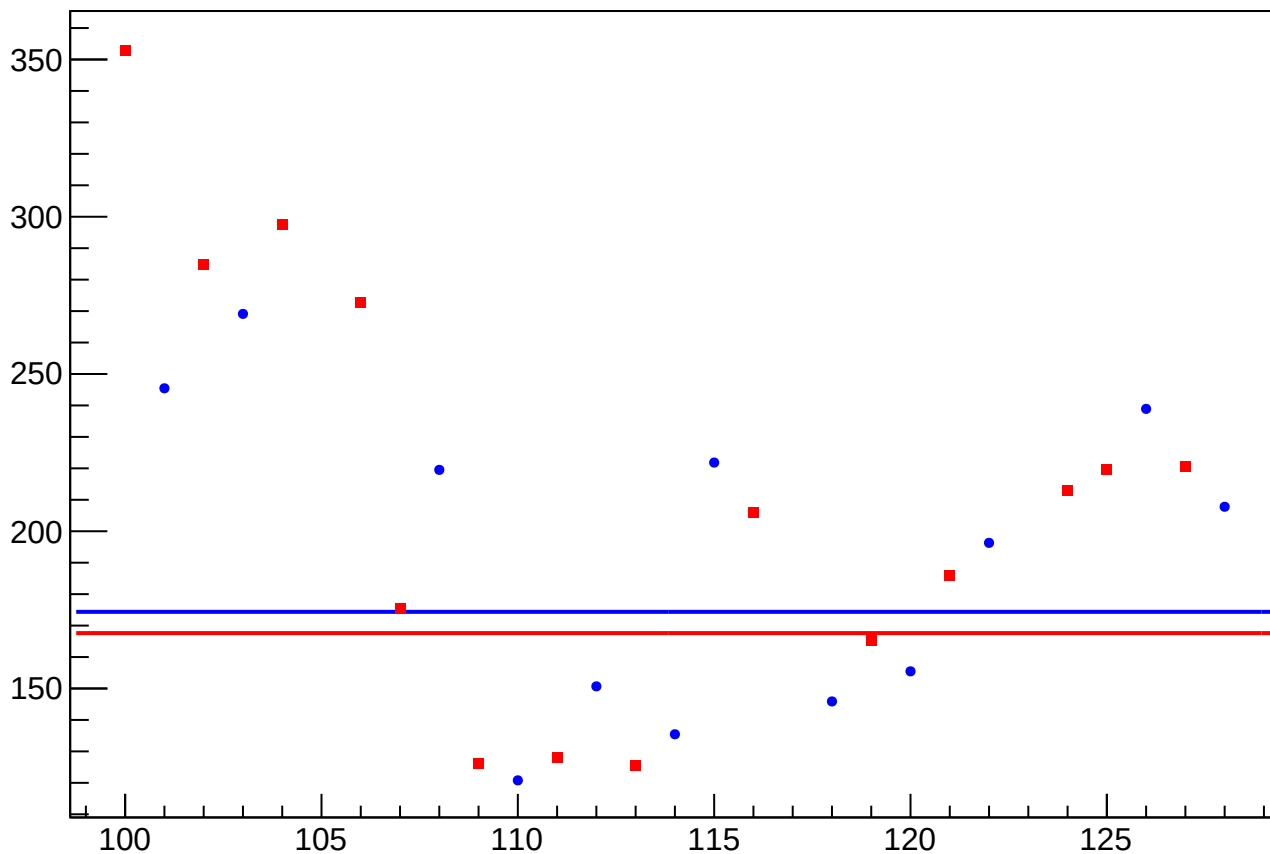
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2690.082+/-55.816 χ^2/NDF : 5351.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02aWS_rms vs Slug



Right In: 174.370+/-0.058 χ^2/NDF : 626089.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.615+/-0.054 χ^2/NDF : 956018.0/13

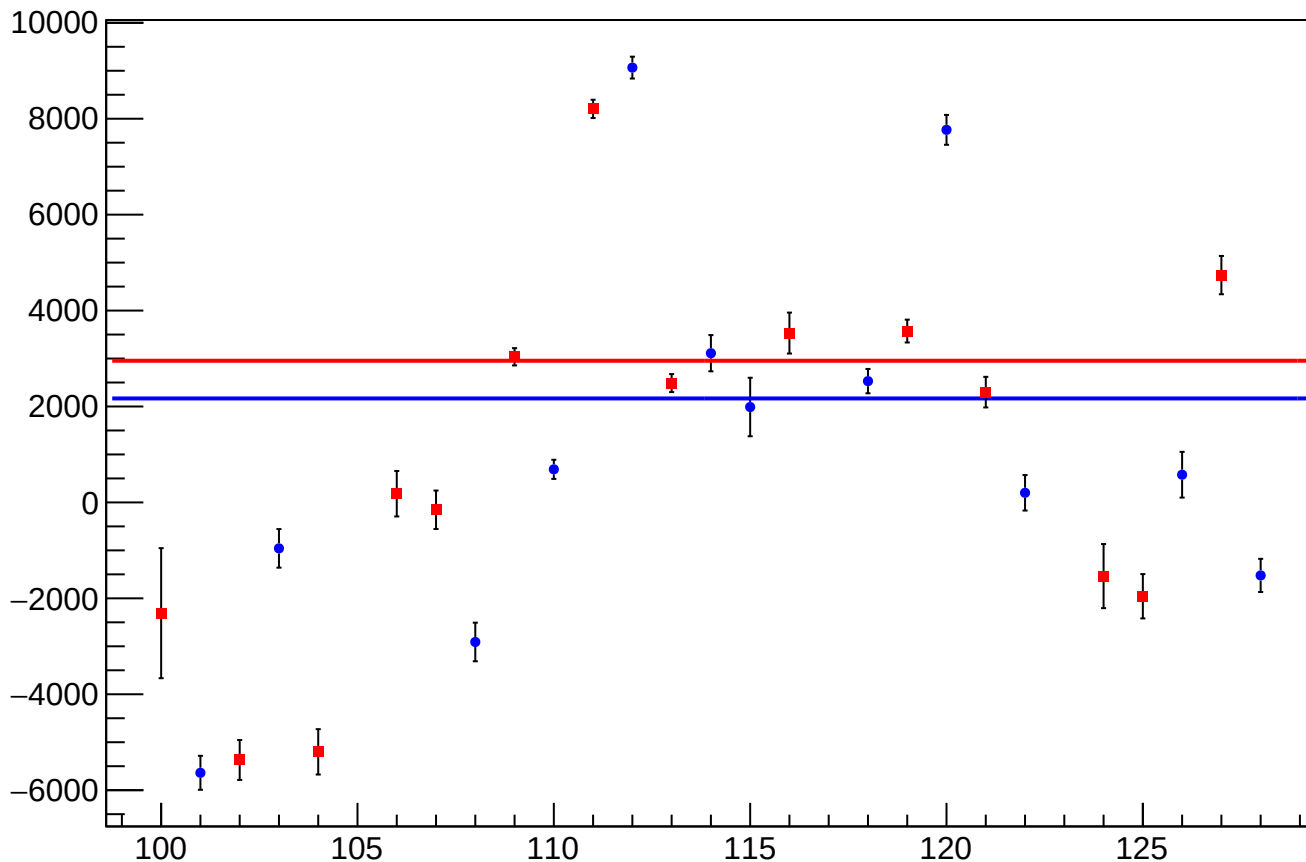
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.750+/-0.039 χ^2/NDF : 1589393.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i05WS_mean vs Slug



Right In: 2167.822+/-91.205 χ^2/NDF : 2159.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2953.958+/-80.531 χ^2/NDF : 1760.7/13

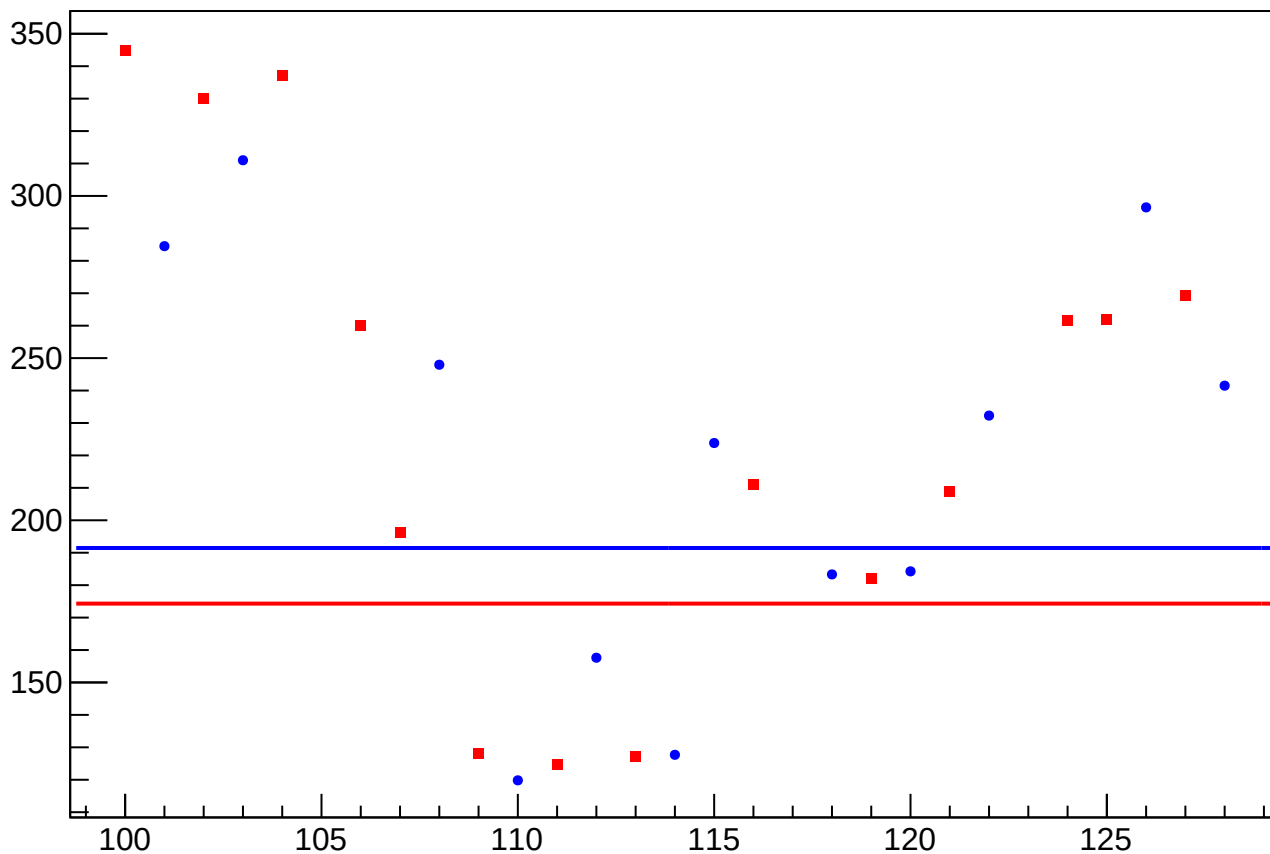
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2609.561+/-60.367 χ^2/NDF : 3961.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i05WS_rms vs Slug



Right In: 191.461+/-0.064 χ^2/NDF : 884388.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.307+/-0.057 χ^2/NDF : 1273351.6/13

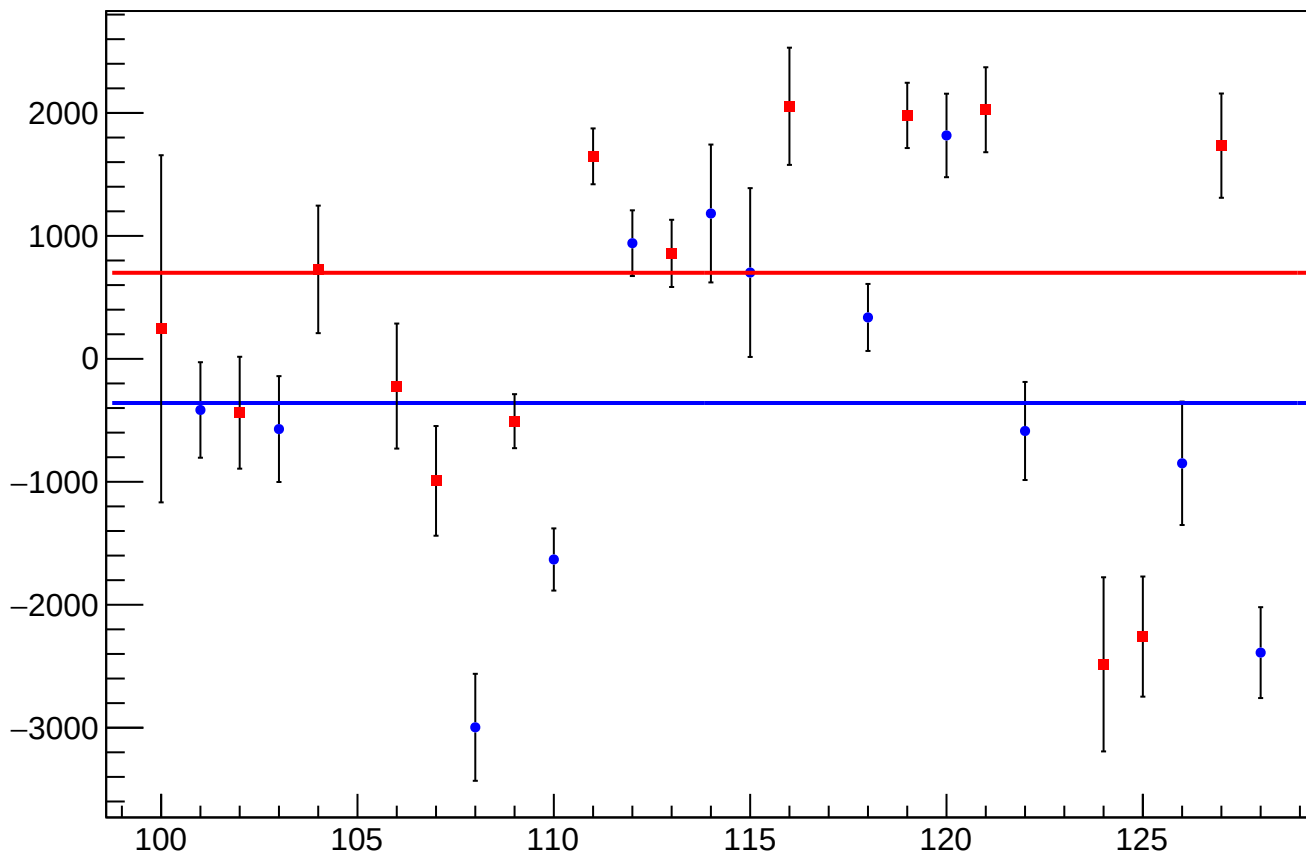
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.822+/-0.043 χ^2/NDF : 2197492.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i07WS_mean vs Slug



Right In: -358.928 ± 104.272 χ^2/NDF : 175.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 700.011 ± 95.276 χ^2/NDF : 180.8/13

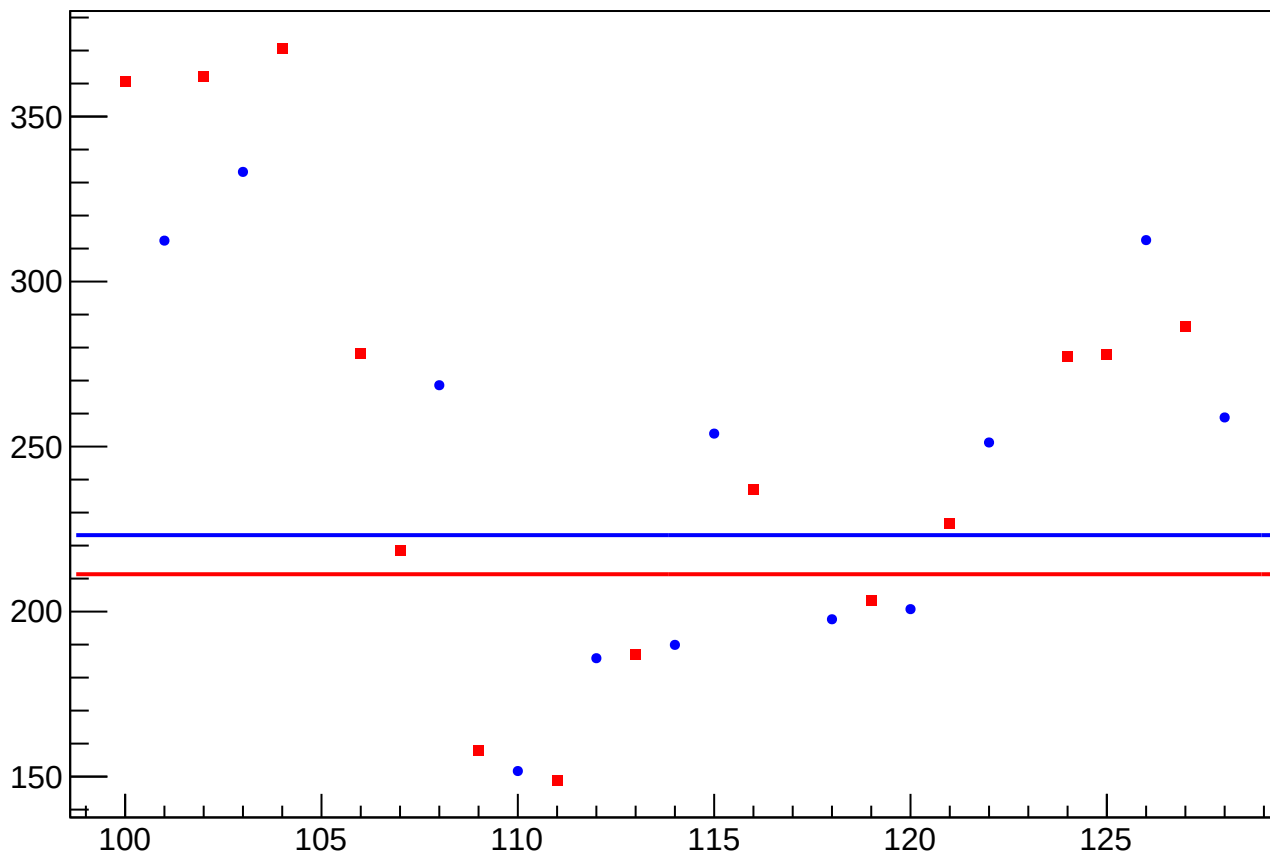
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 218.185 ± 70.336 χ^2/NDF : 412.1/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0i07WS_rms vs Slug



Right In: 223.164 $\pm$ 0.074 χ^2 /NDF: 586083.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 211.323 $\pm$ 0.067 χ^2 /NDF: 878523.0/13

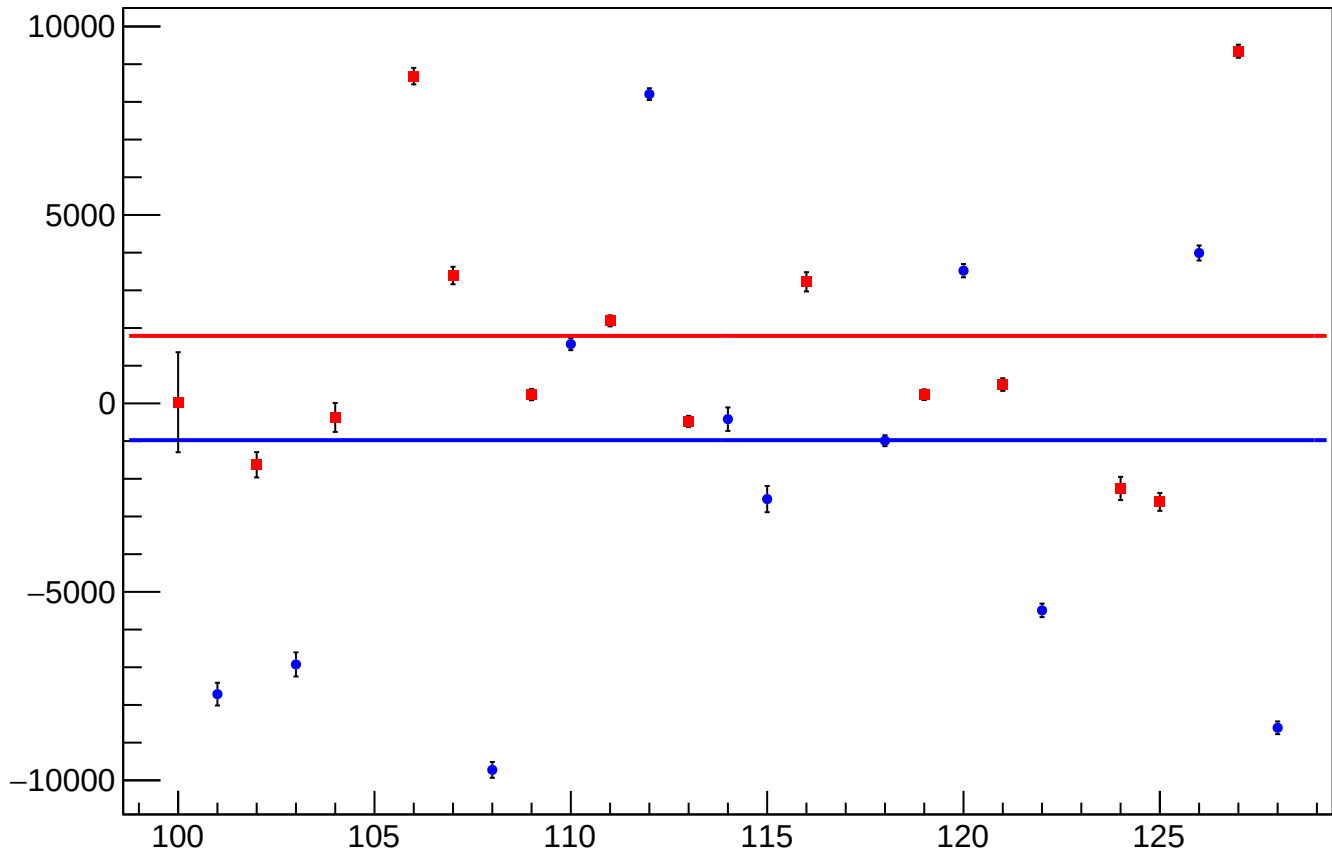
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 216.710 $\pm$ 0.050 χ^2 /NDF: 1478662.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm1i02WS_mean vs Slug



Right In: -975.144+/-56.527 χ^2/NDF : 10285.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1792.266+/-53.003 χ^2/NDF : 4158.7/13

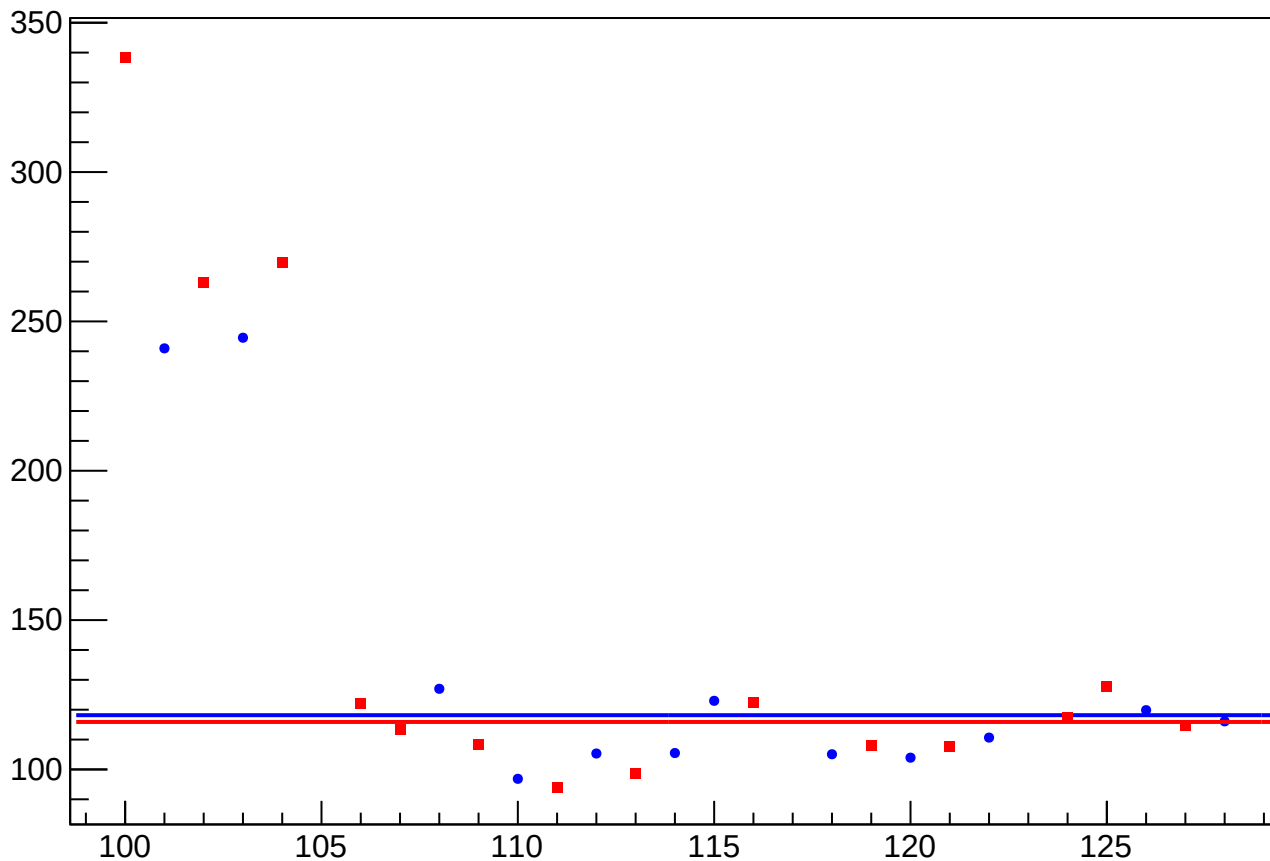
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 497.506+/-38.665 χ^2/NDF : 15719.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm1i02WS_rms vs Slug



Right In: 118.164 $\pm$ 0.040 χ^2 /NDF: 730920.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 115.903 $\pm$ 0.037 χ^2 /NDF: 860399.6/13

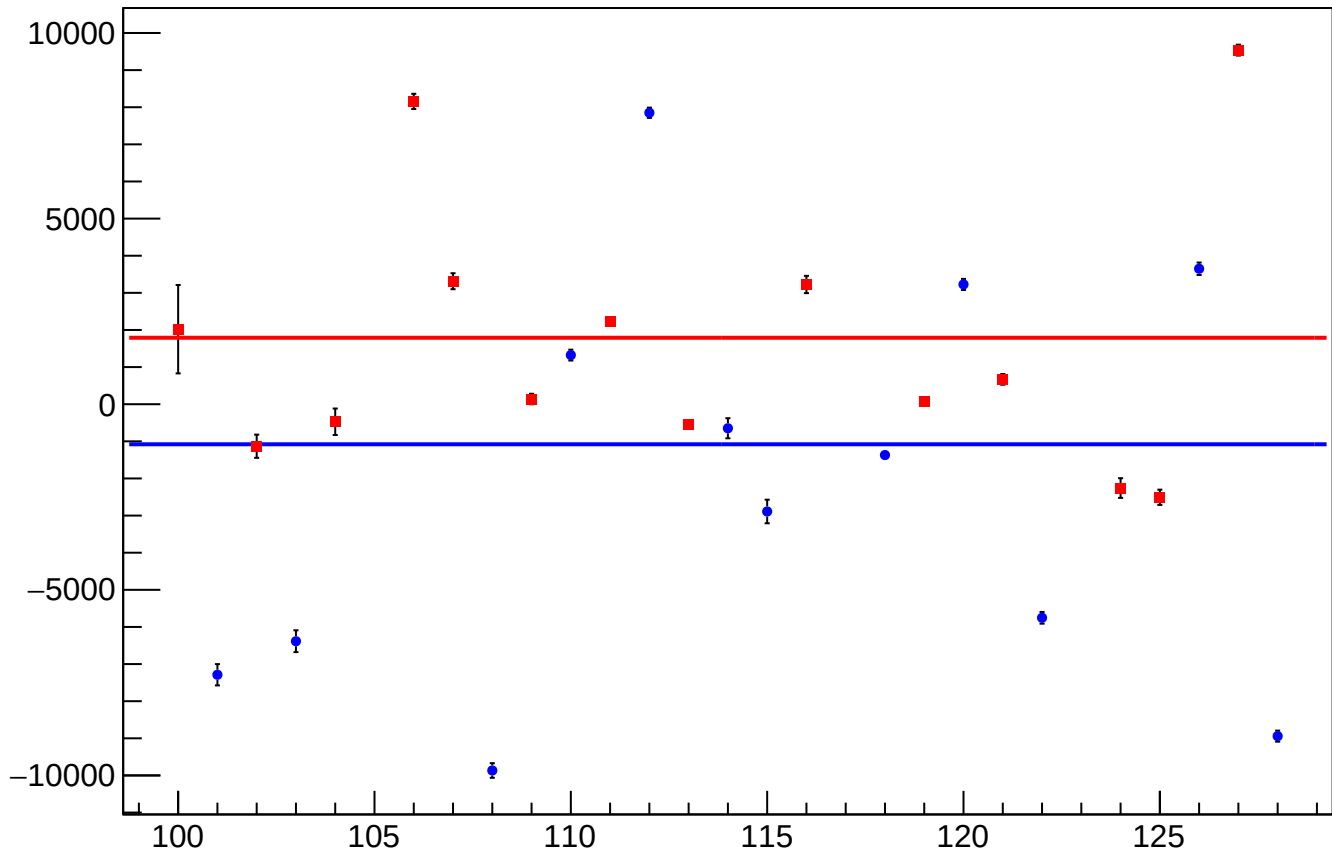
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 116.961 $\pm$ 0.027 χ^2 /NDF: 1593022.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm2i01WS_mean vs Slug



Right In: -1079.392 ± 49.966 χ^2/NDF : 12534.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1790.086 ± 47.132 χ^2/NDF : 5365.5/13

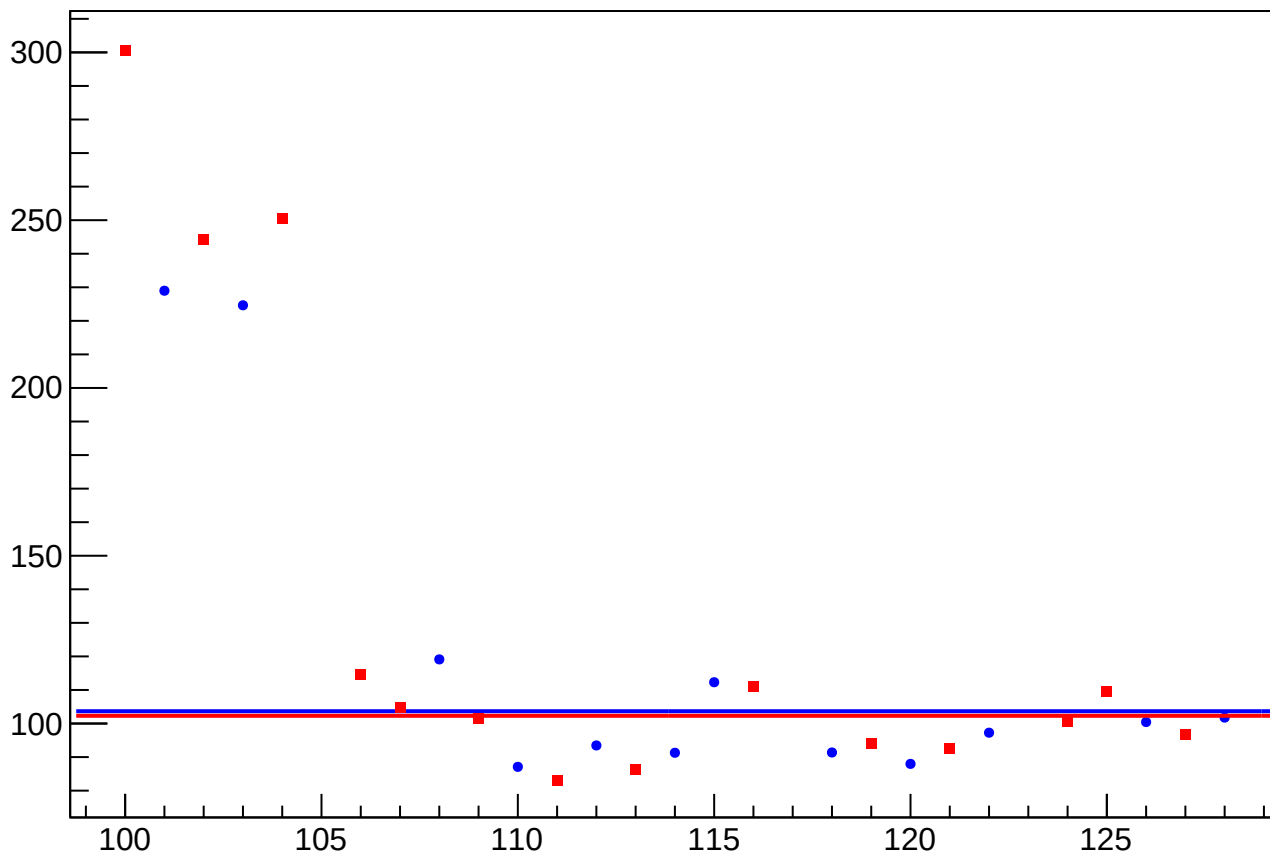
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 439.004 ± 34.286 χ^2/NDF : 19645.1/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm2i01WS_rms vs Slug



Right In: 103.665+/-0.035 χ^2/NDF : 820343.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.306+/-0.033 χ^2/NDF : 922427.6/13

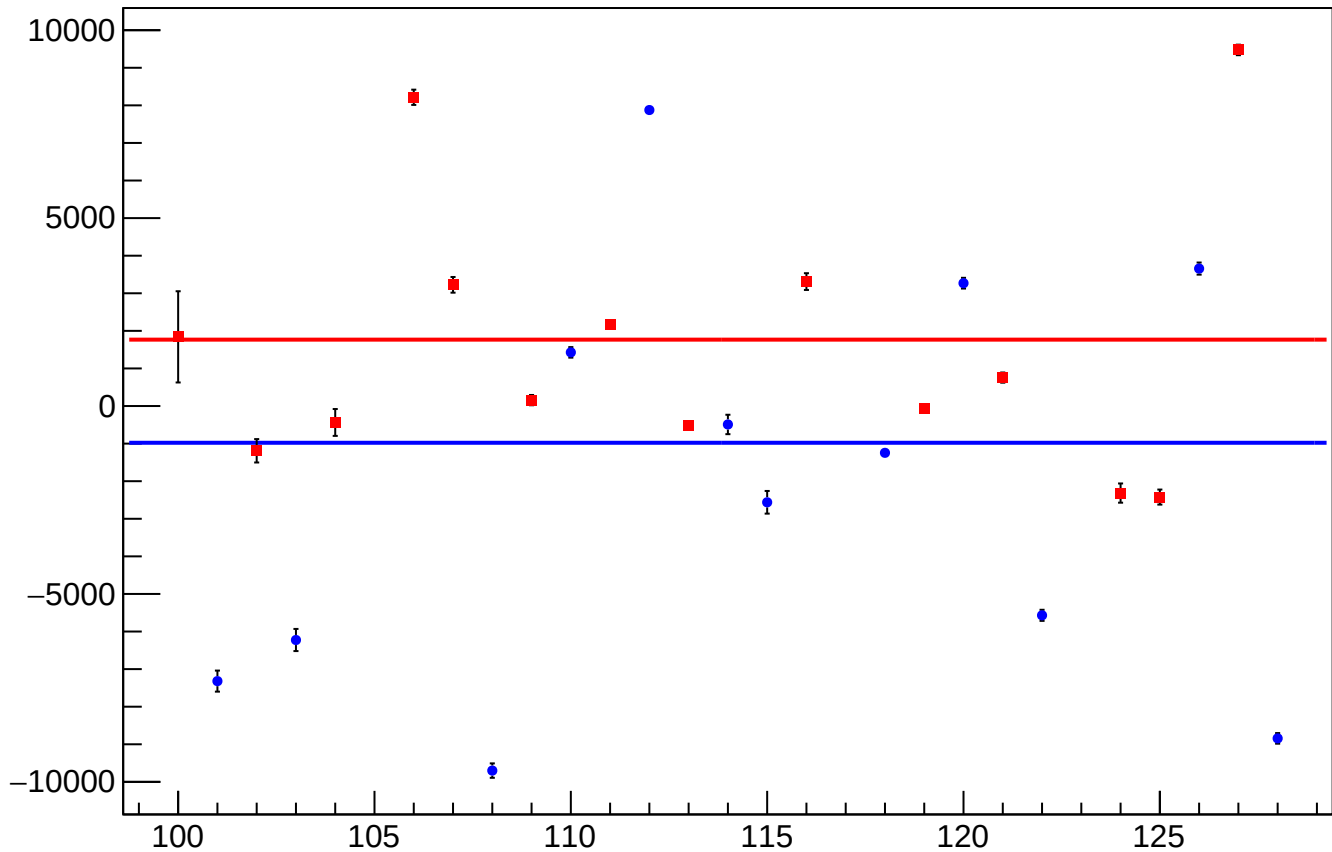
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.946+/-0.024 χ^2/NDF : 1743554.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm2i02WS_mean vs Slug



Right In: -977.585+/-47.780 χ^2/NDF : 13477.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1766.470+/-44.987 χ^2/NDF : 5764.2/13

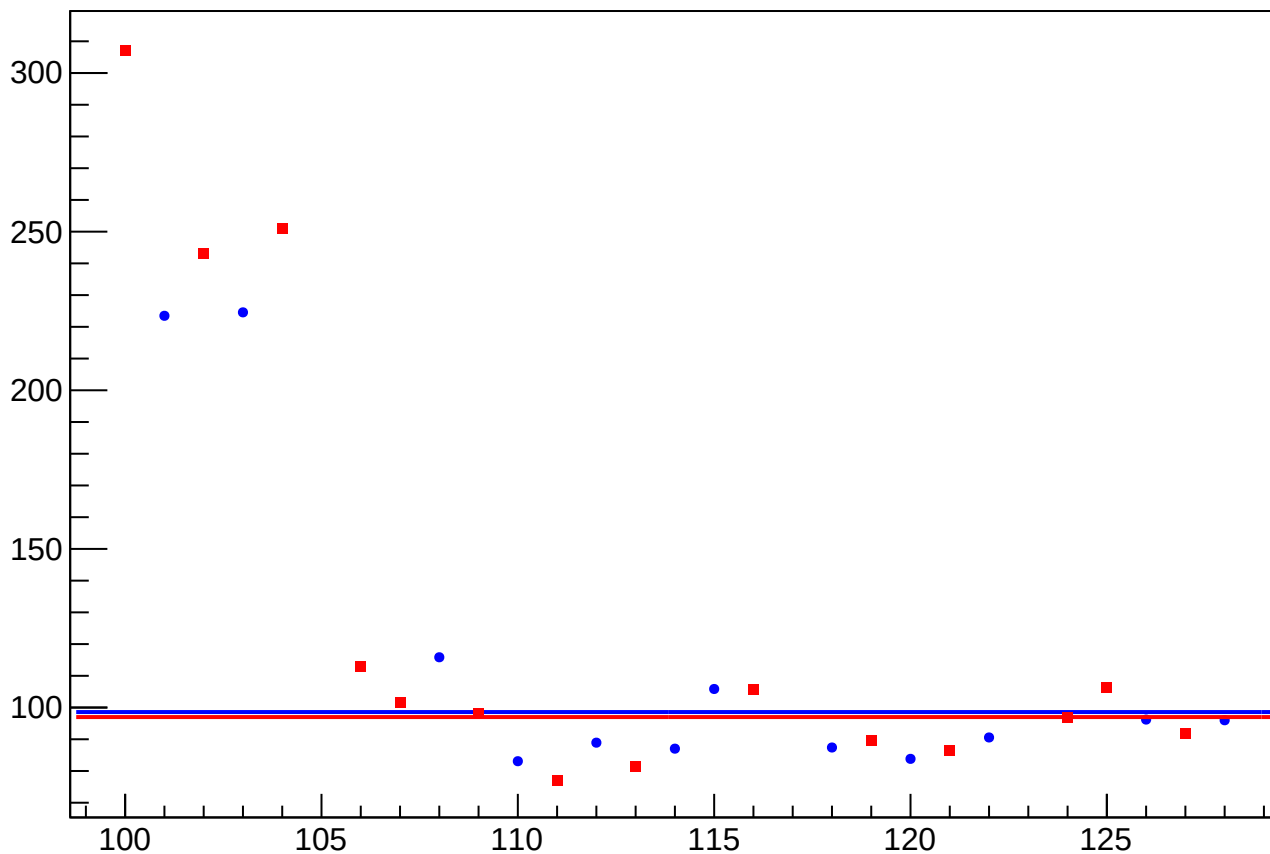
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 476.981+/-32.753 χ^2/NDF : 20990.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm2i02WS_rms vs Slug



Right In: 98.576+/-0.034 χ^2/NDF : 865527.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.998+/-0.032 χ^2/NDF : 1004475.4/13

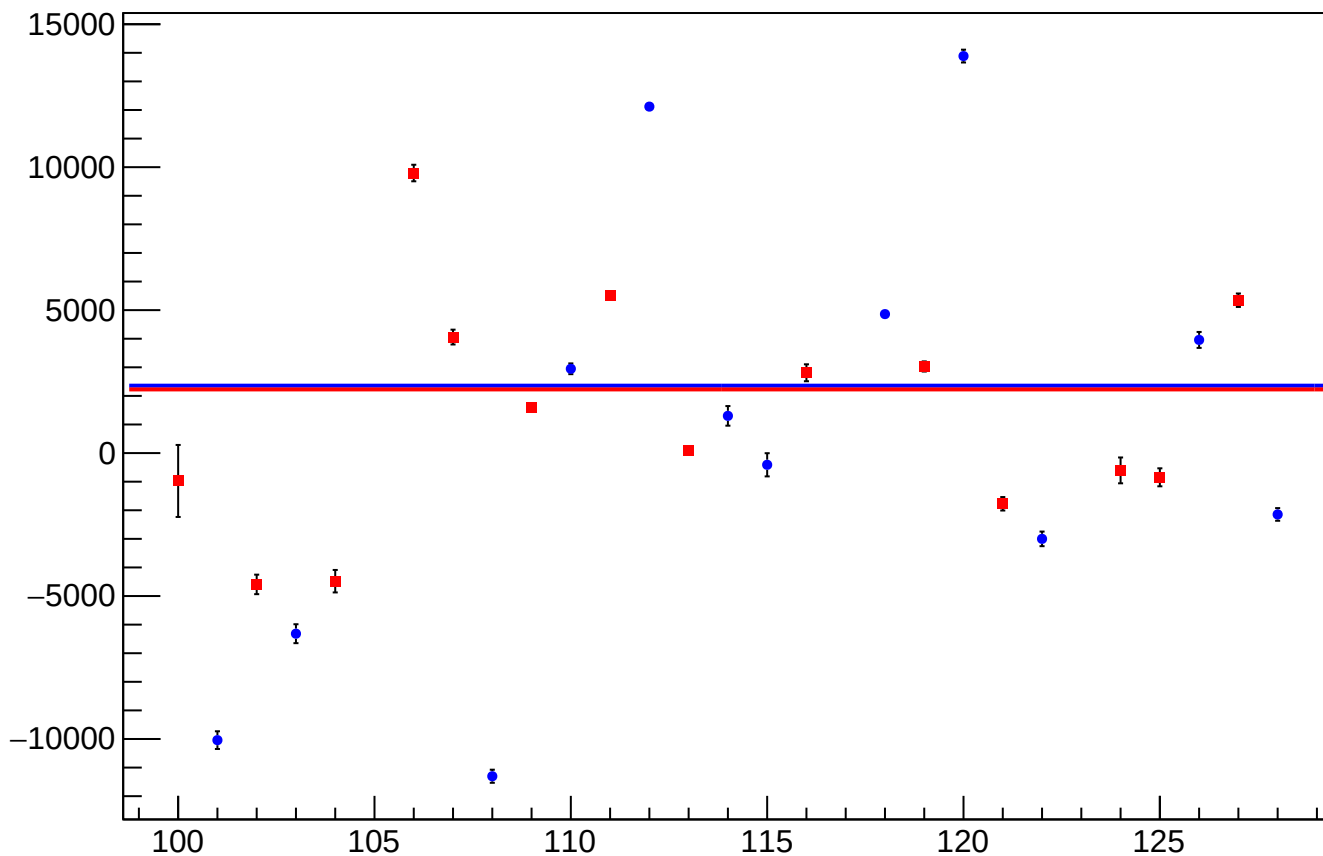
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.739+/-0.023 χ^2/NDF : 1871160.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i01WS_mean vs Slug



Right In: 2357.778+/-68.004 χ^2/NDF : 12742.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2226.728+/-64.307 χ^2/NDF : 2608.0/13

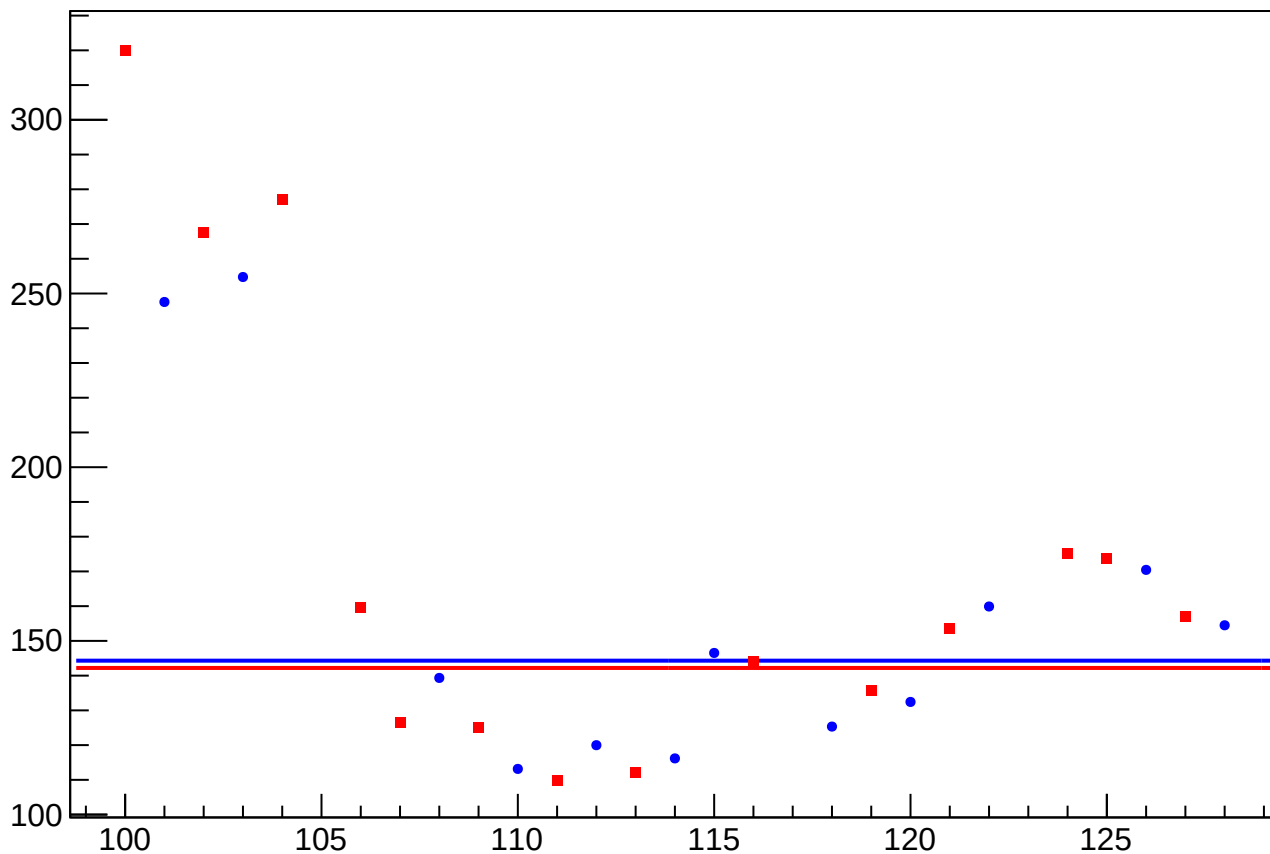
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2288.594+/-46.724 χ^2/NDF : 15352.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i01WS_rms vs Slug



Right In: 144.308+/-0.048 χ^2/NDF : 611871.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.209+/-0.045 χ^2/NDF : 763375.9/13

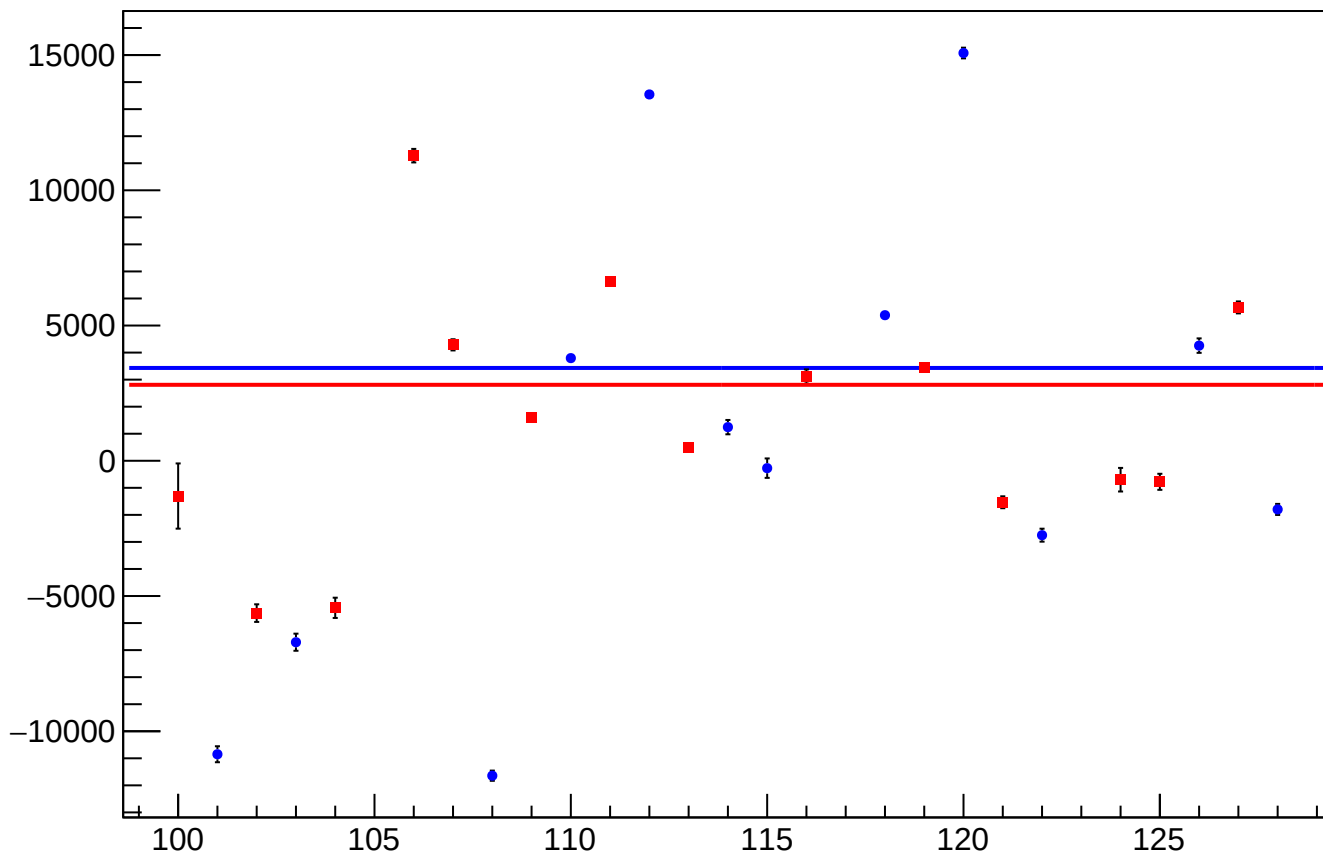
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.200+/-0.033 χ^2/NDF : 1376253.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i01aWS_mean vs Slug



Right In: 3431.903+/-57.217 χ^2/NDF : 20555.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2808.559+/-53.048 χ^2/NDF : 4544.1/13

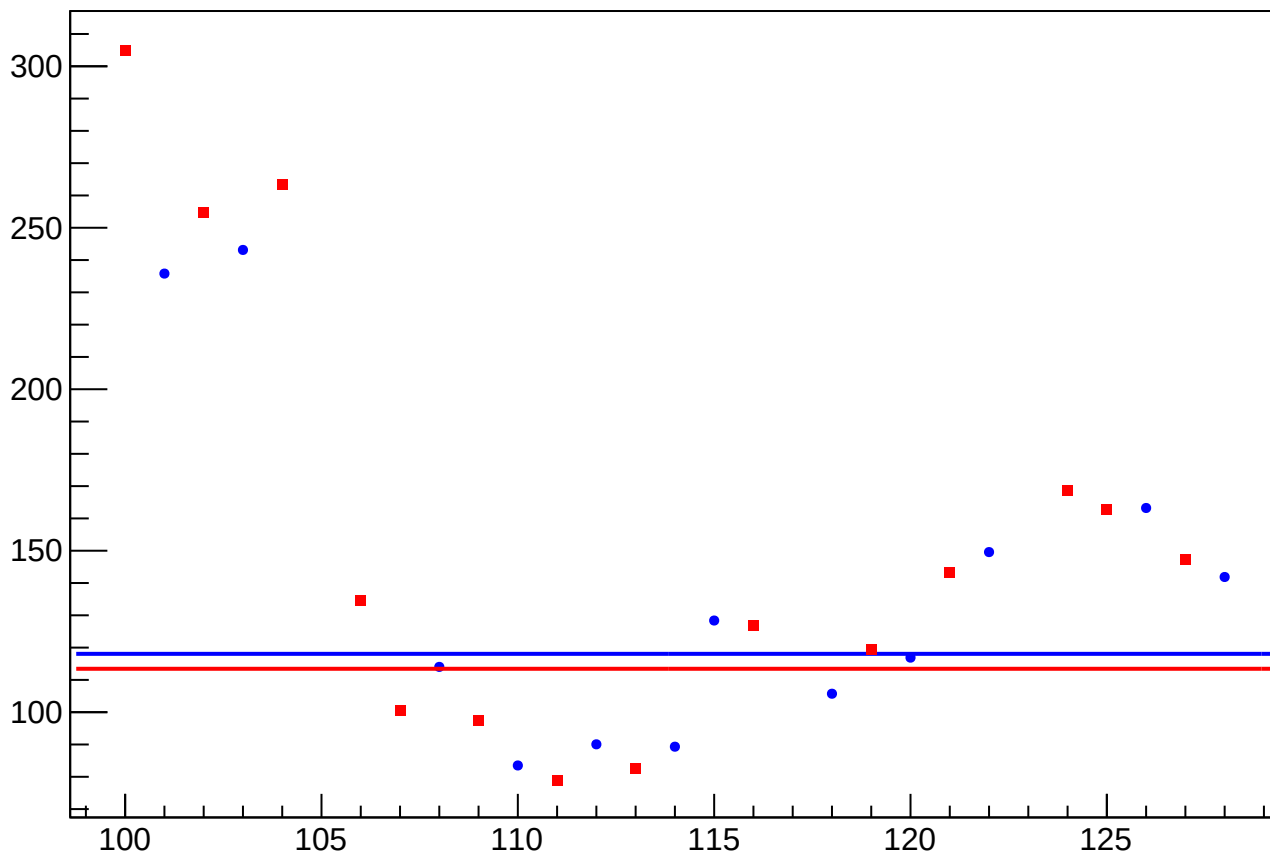
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3096.697+/-38.901 χ^2/NDF : 25163.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i01aWS_rms vs Slug



Right In: 118.069 $\pm$ 0.040 χ^2 /NDF: 997185.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 113.444 $\pm$ 0.038 χ^2 /NDF: 1259672.8/13

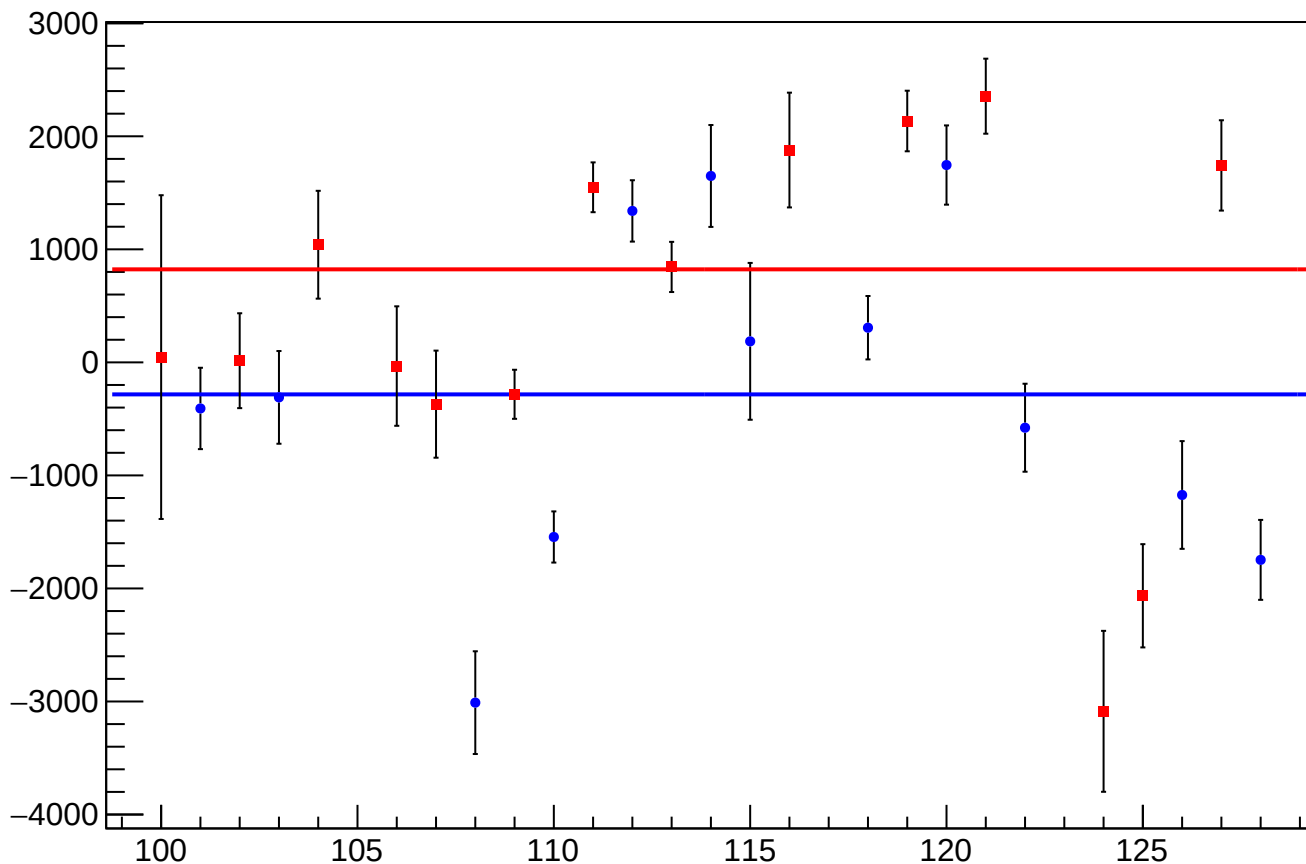
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 115.582 $\pm$ 0.028 χ^2 /NDF: 2263887.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l01WS_mean vs Slug



Right In: -283.281+/-100.780 χ^2 /NDF: 180.9/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 822.894+/-91.043 χ^2 /NDF: 175.0/13

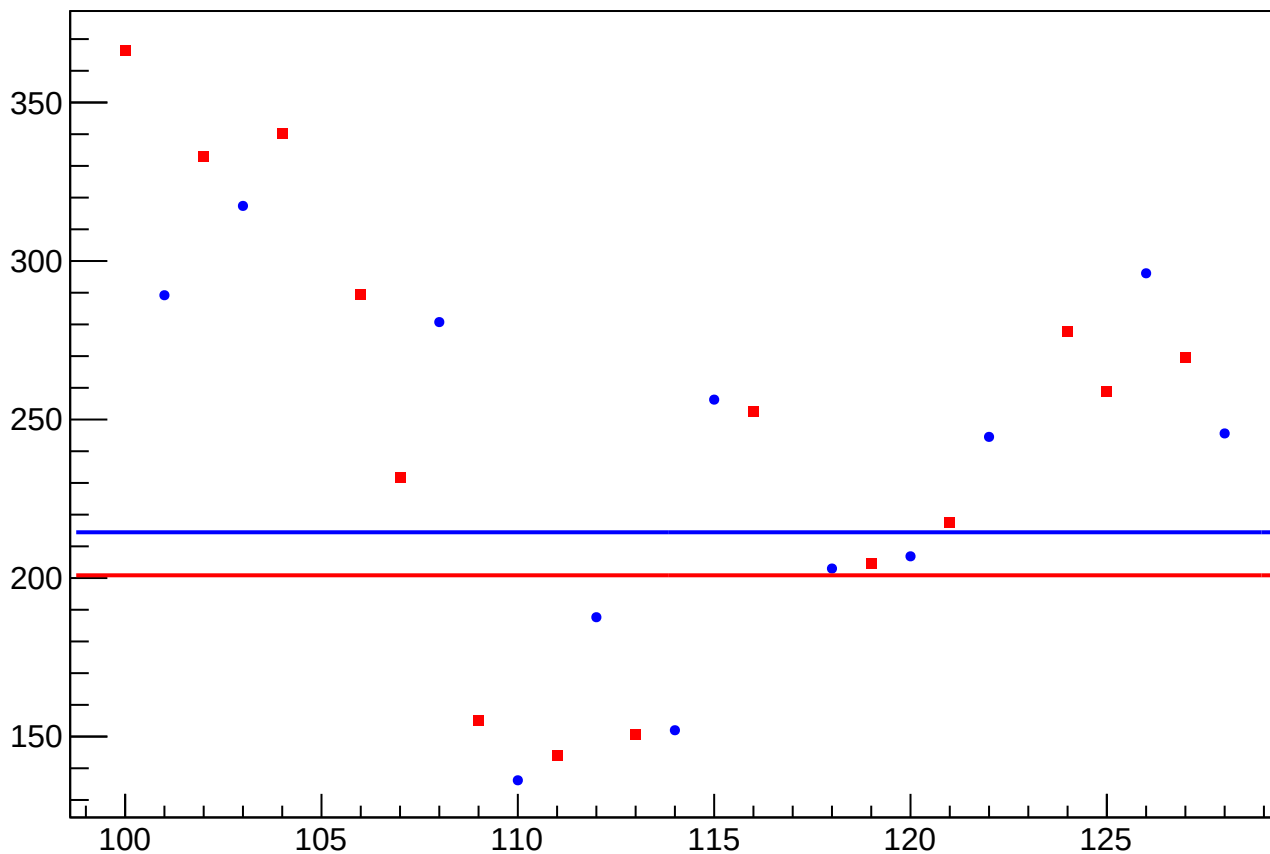
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 325.814+/-67.558 χ^2 /NDF: 422.3/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_bpm0l01WS_rms vs Slug



Right In: 214.437 $\pm$ 0.071 χ^2 /NDF: 649542.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 200.865 $\pm$ 0.064 χ^2 /NDF: 924722.2/13

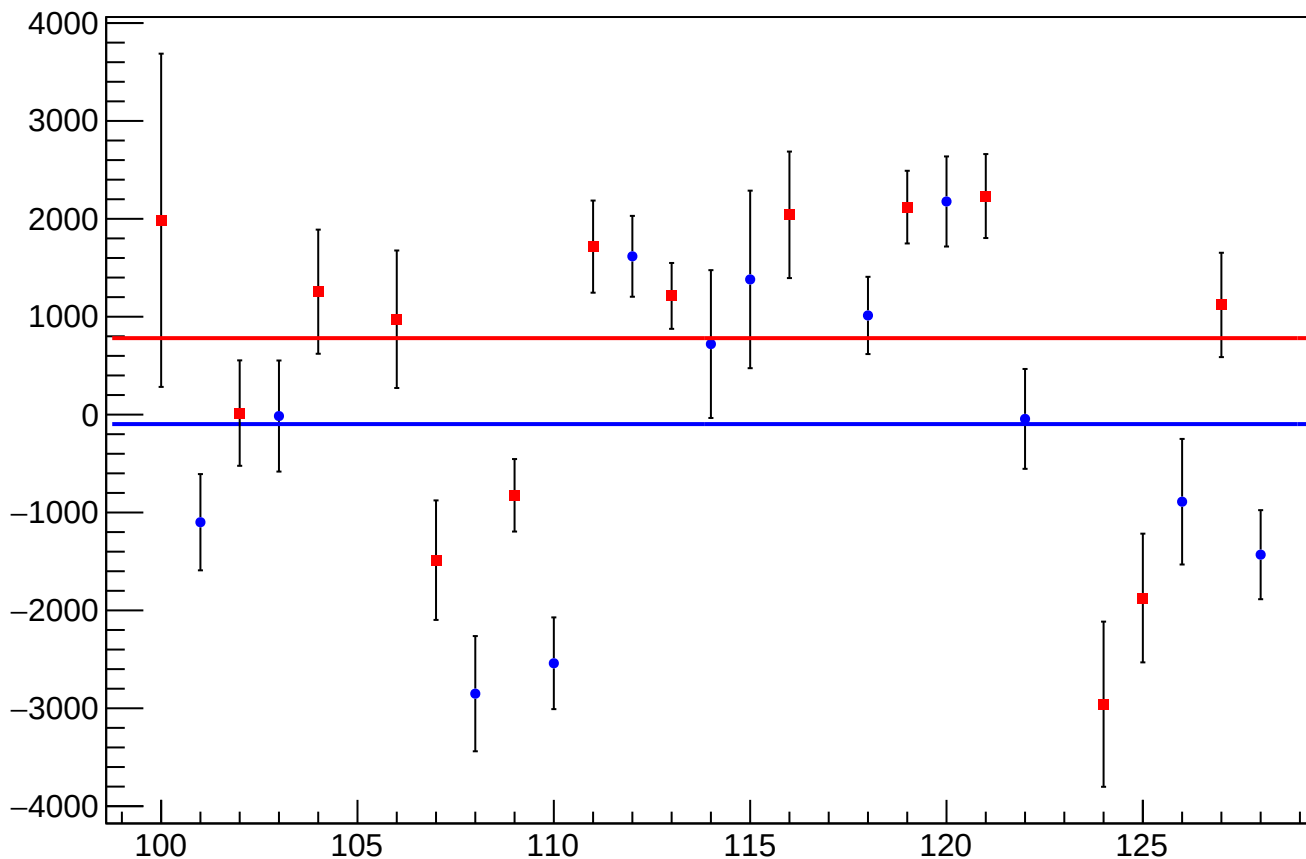
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 206.964 $\pm$ 0.048 χ^2 /NDF: 1594235.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l02WS_mean vs Slug



Right In: -96.823+/-147.808 χ^2/NDF : 116.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 781.233+/-136.140 χ^2/NDF : 106.0/13

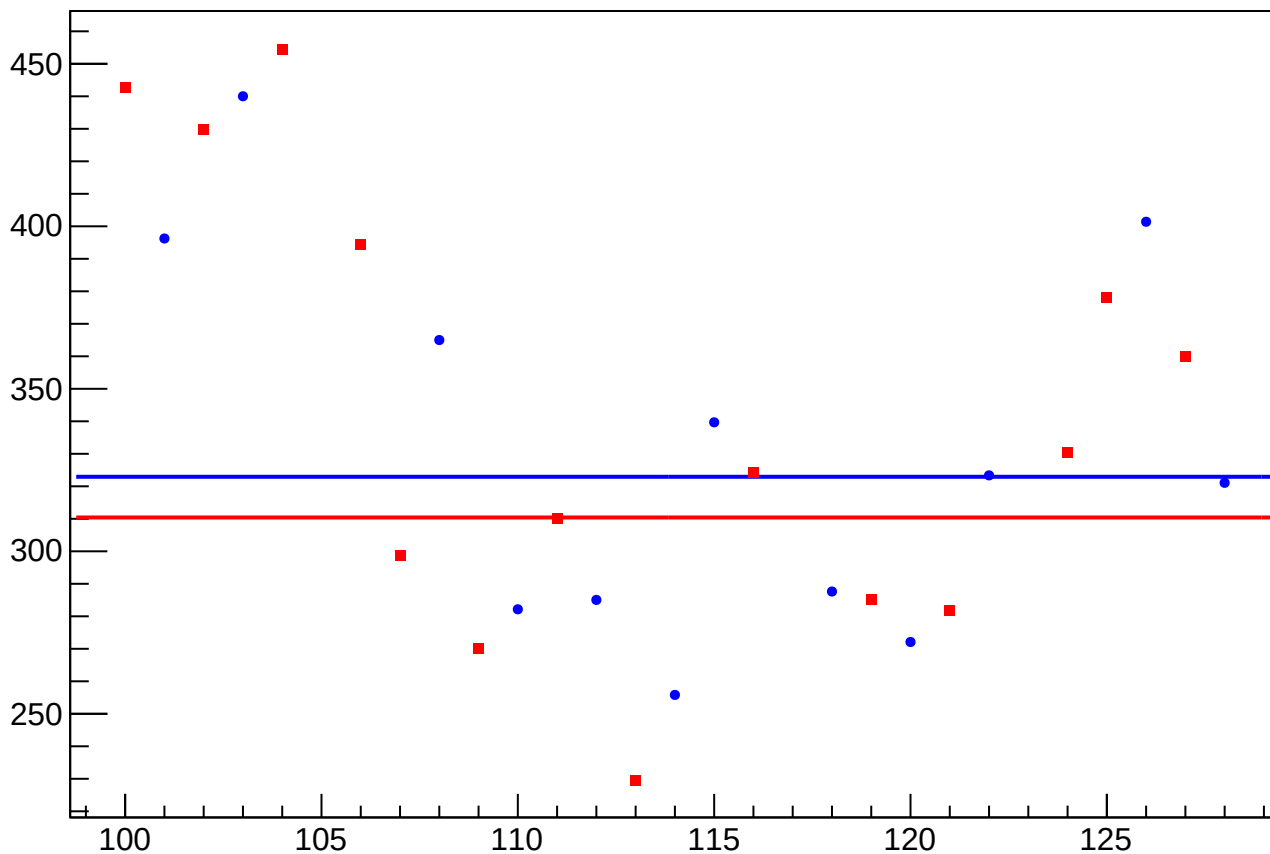
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 378.225+/-100.136 χ^2/NDF : 241.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l02WS_rms vs Slug



Right In: 322.930 $\pm$ 0.105 χ^2 /NDF: 258748.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 310.406 $\pm$ 0.096 χ^2 /NDF: 440678.4/13

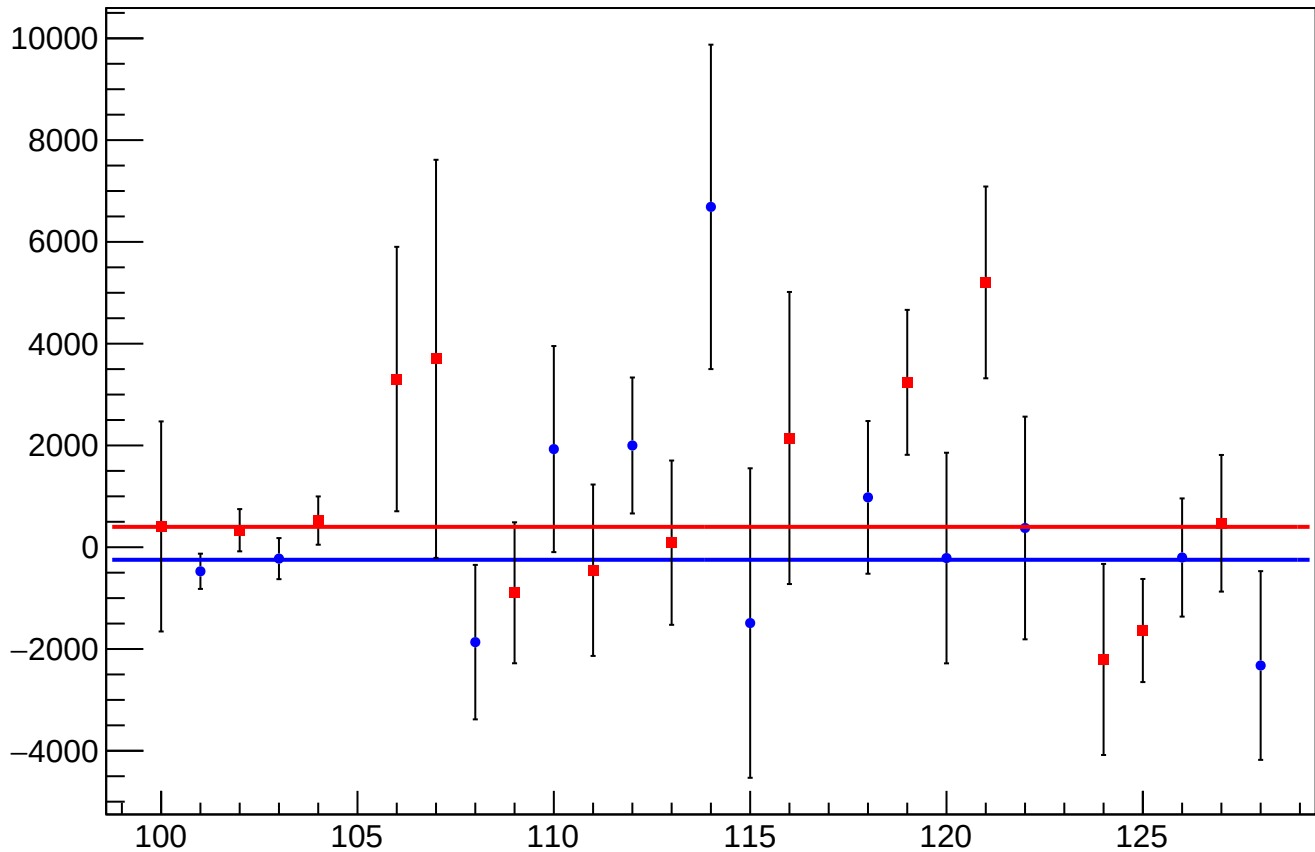
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 316.154 $\pm$ 0.071 χ^2 /NDF: 707195.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l03WS_mean vs Slug



Right In: -246.673+/-236.725 χ^2 /NDF: 12.5/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 400.345+/-261.130 χ^2 /NDF: 20.0/13

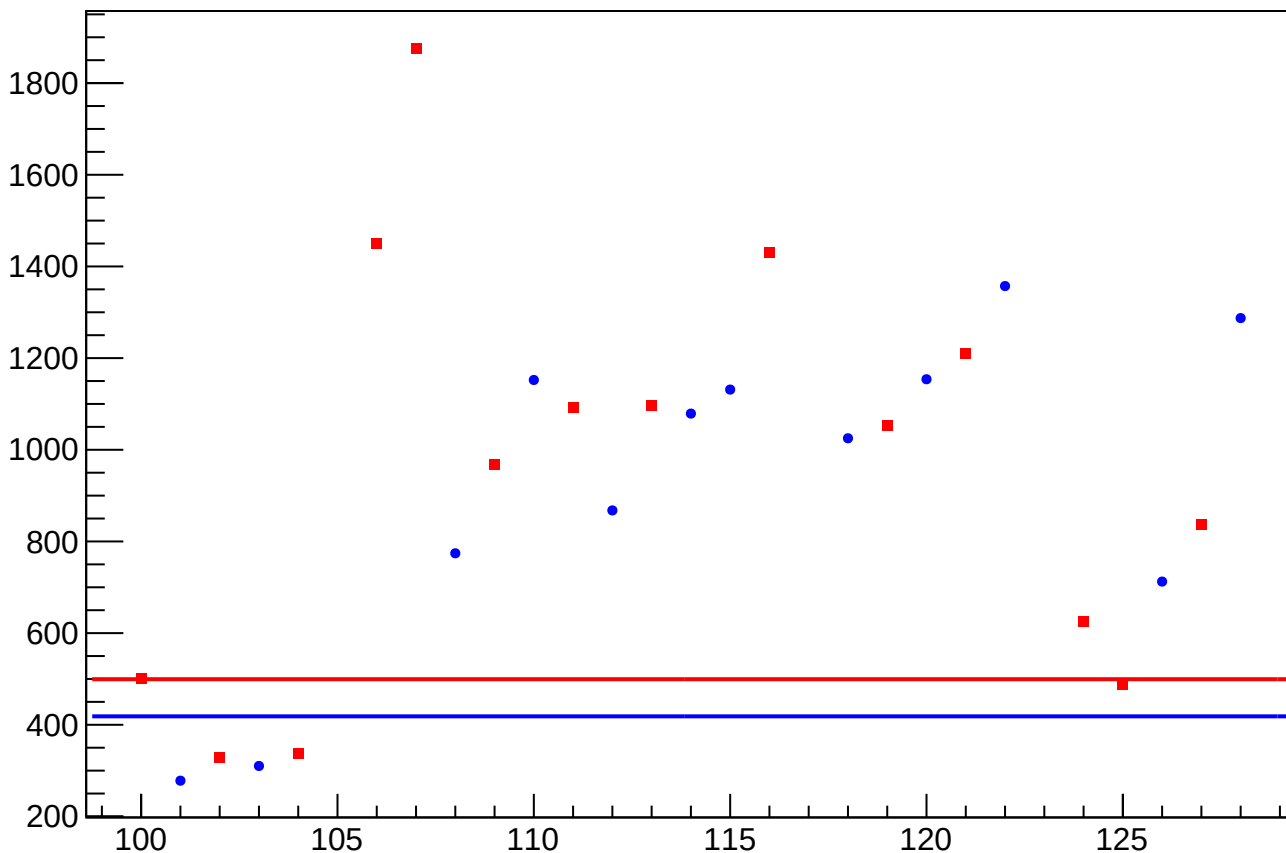
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 45.195+/-175.385 χ^2 /NDF: 35.9/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_bpm0l03WS_rms vs Slug



Right In: 418.424+/-0.167 χ^2/NDF : 2782643.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 499.497+/-0.185 χ^2/NDF : 2765219.6/13

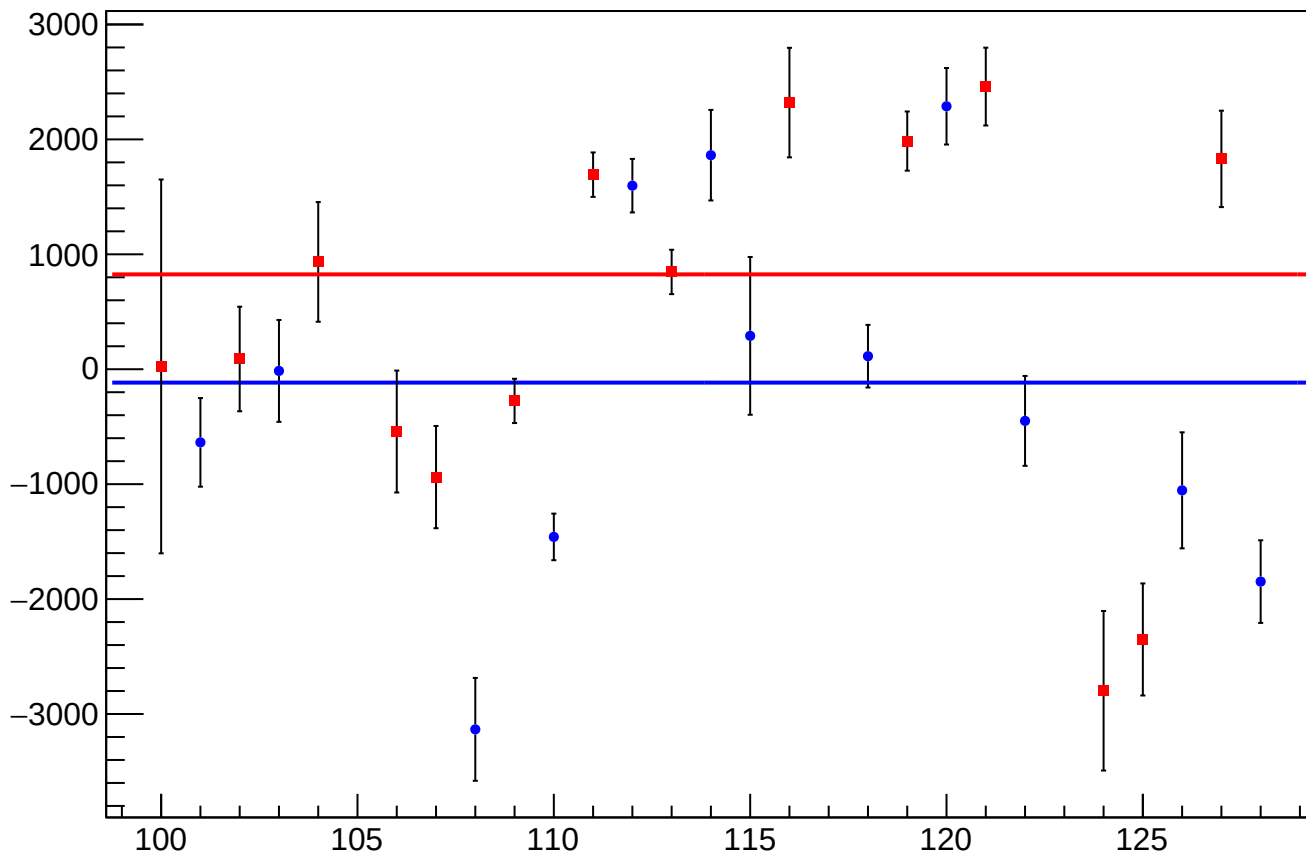
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 454.996+/-0.124 χ^2/NDF : 5653681.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l04WS_mean vs Slug



Right In: -116.343+/-95.845 χ^2/NDF : 251.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 825.239+/-85.060 χ^2/NDF : 207.0/13

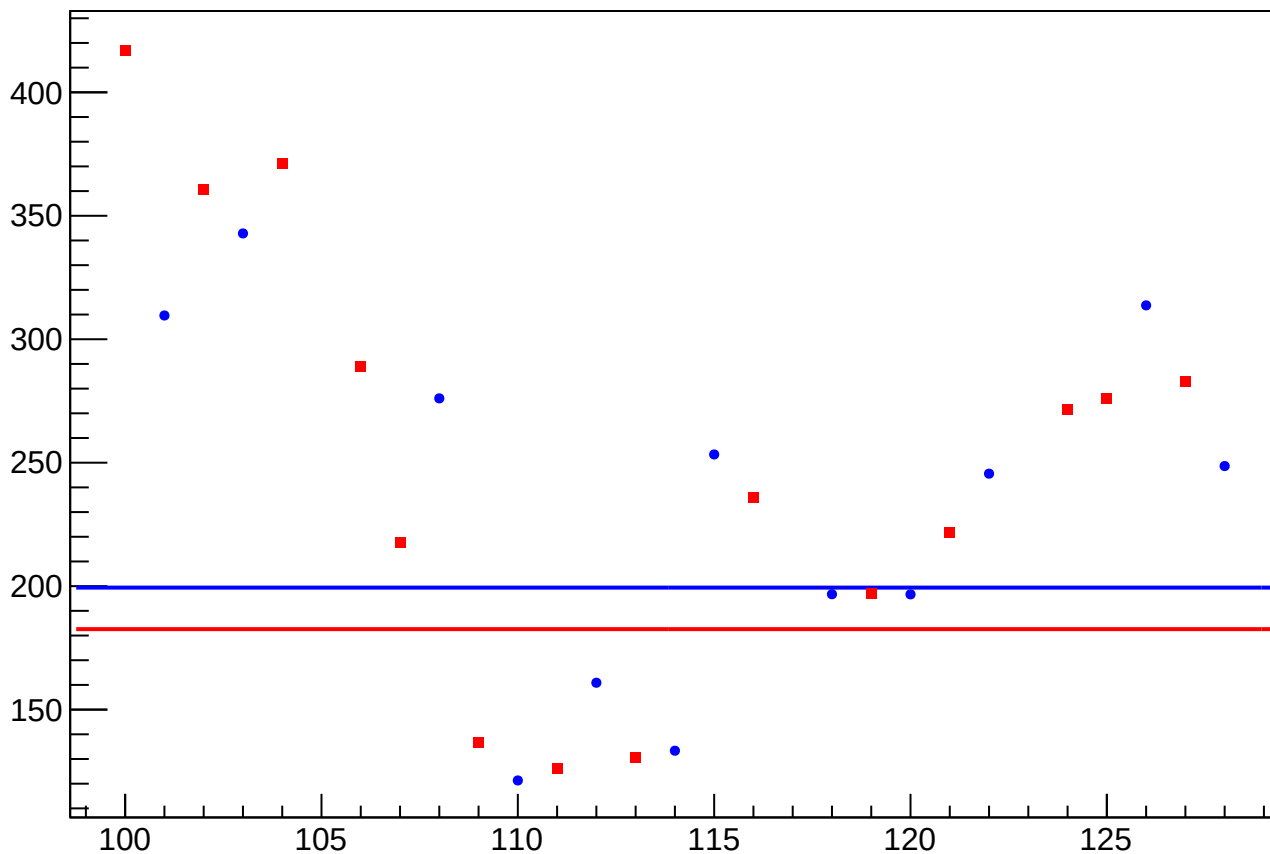
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 410.384+/-63.619 χ^2/NDF : 512.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l04WS_rms vs Slug



Right In: 199.413 $\pm$ 0.068 χ^2 /NDF: 1020096.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 182.593 $\pm$ 0.060 χ^2 /NDF: 1412672.8/13

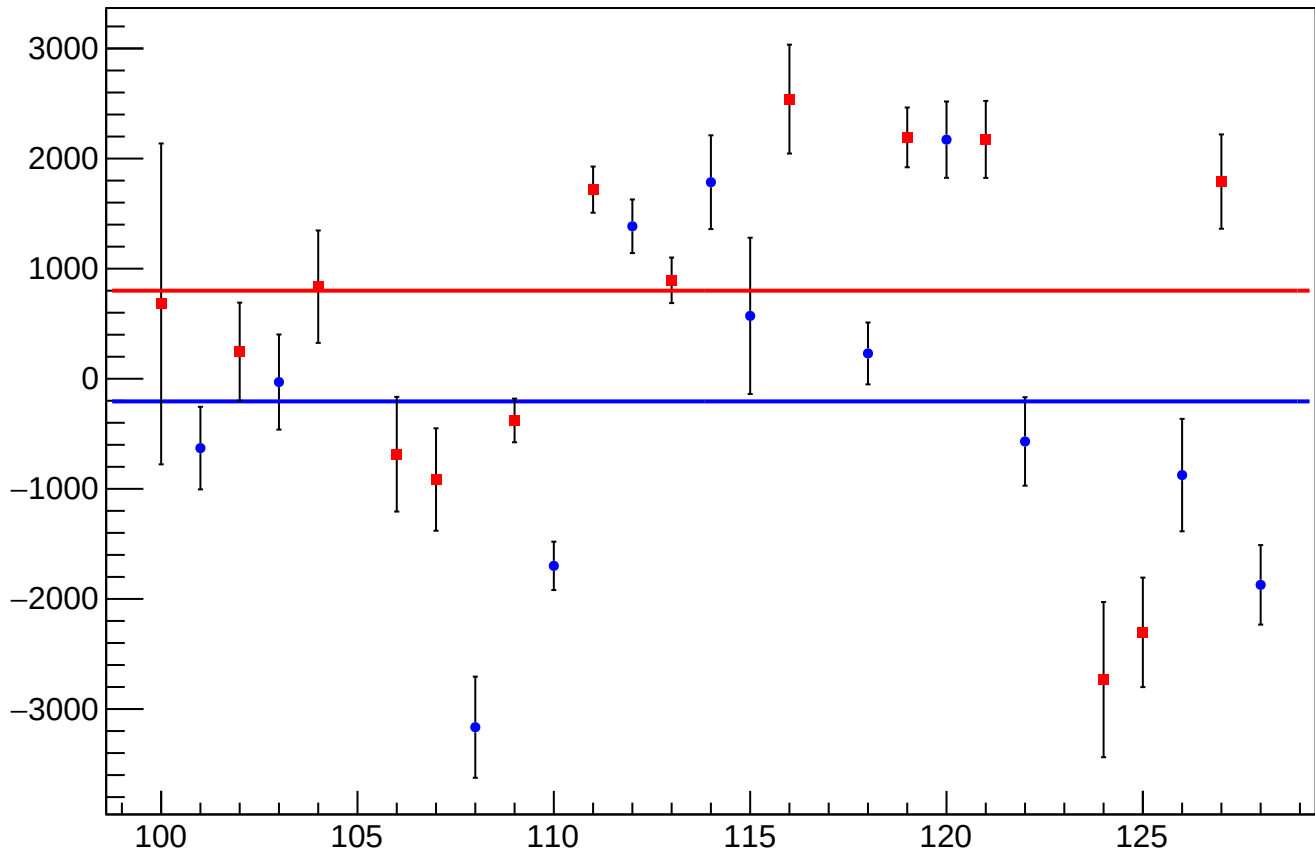
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 190.004 $\pm$ 0.045 χ^2 /NDF: 2467227.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l05WS_mean vs Slug



Right In: -205.648+/-99.533 χ^2/NDF : 228.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 800.089+/-88.882 χ^2/NDF : 201.6/13

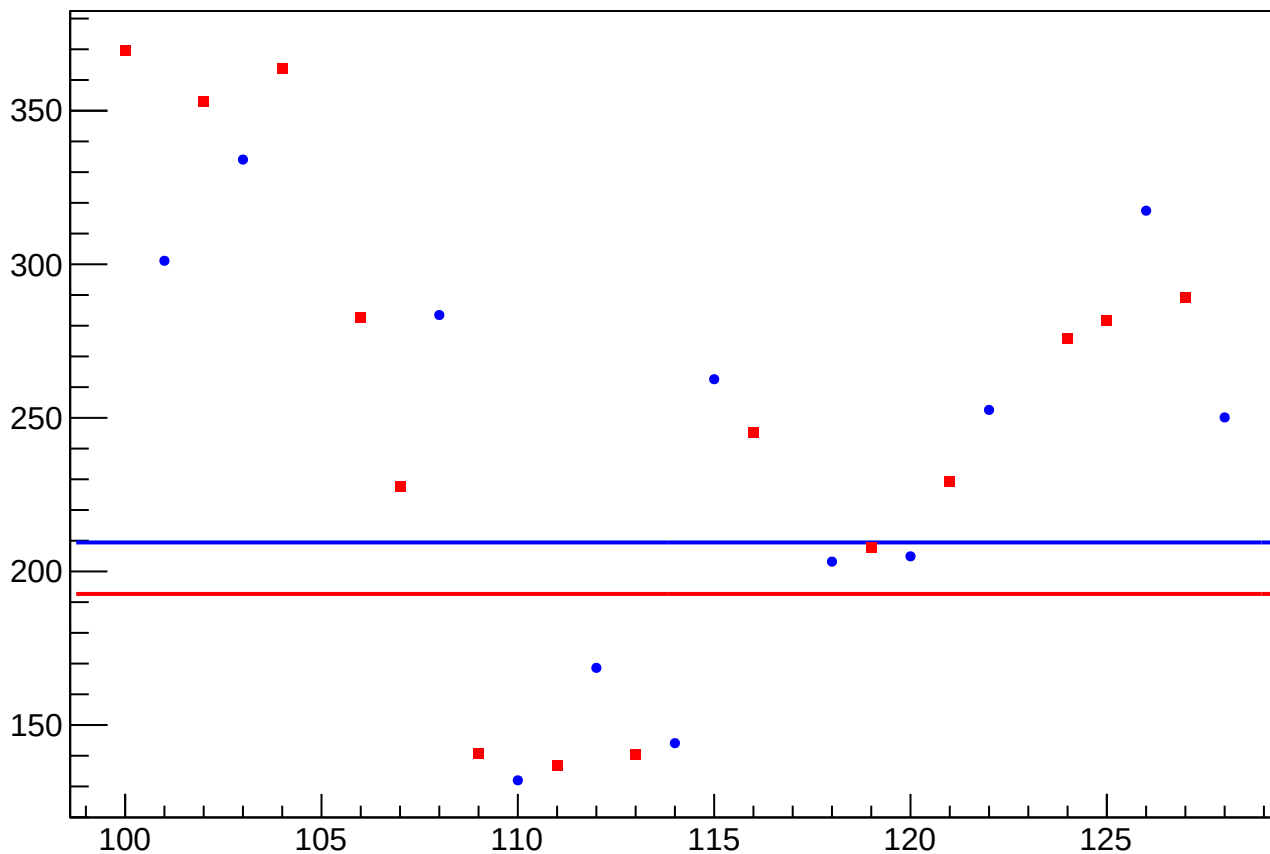
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 353.891+/-66.296 χ^2/NDF : 486.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l05WS_rms vs Slug



Right In: 209.438+/-0.070 χ^2/NDF : 840069.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 192.677+/-0.063 χ^2/NDF : 1234907.2/13

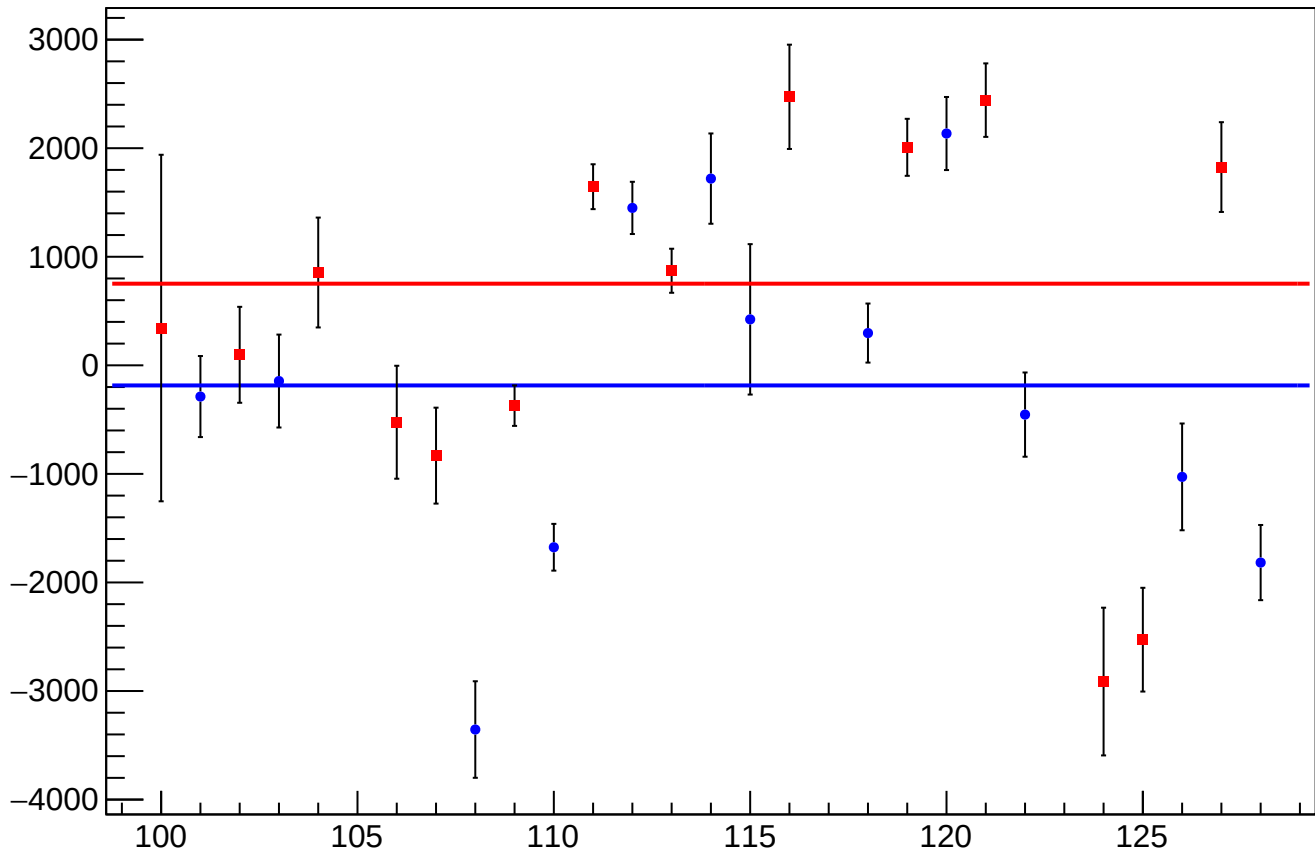
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 200.113+/-0.047 χ^2/NDF : 2106527.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l06WS_mean vs Slug



Right In: -185.270+/-97.182 χ^2/NDF : 243.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 752.024+/-86.181 χ^2/NDF : 220.0/13

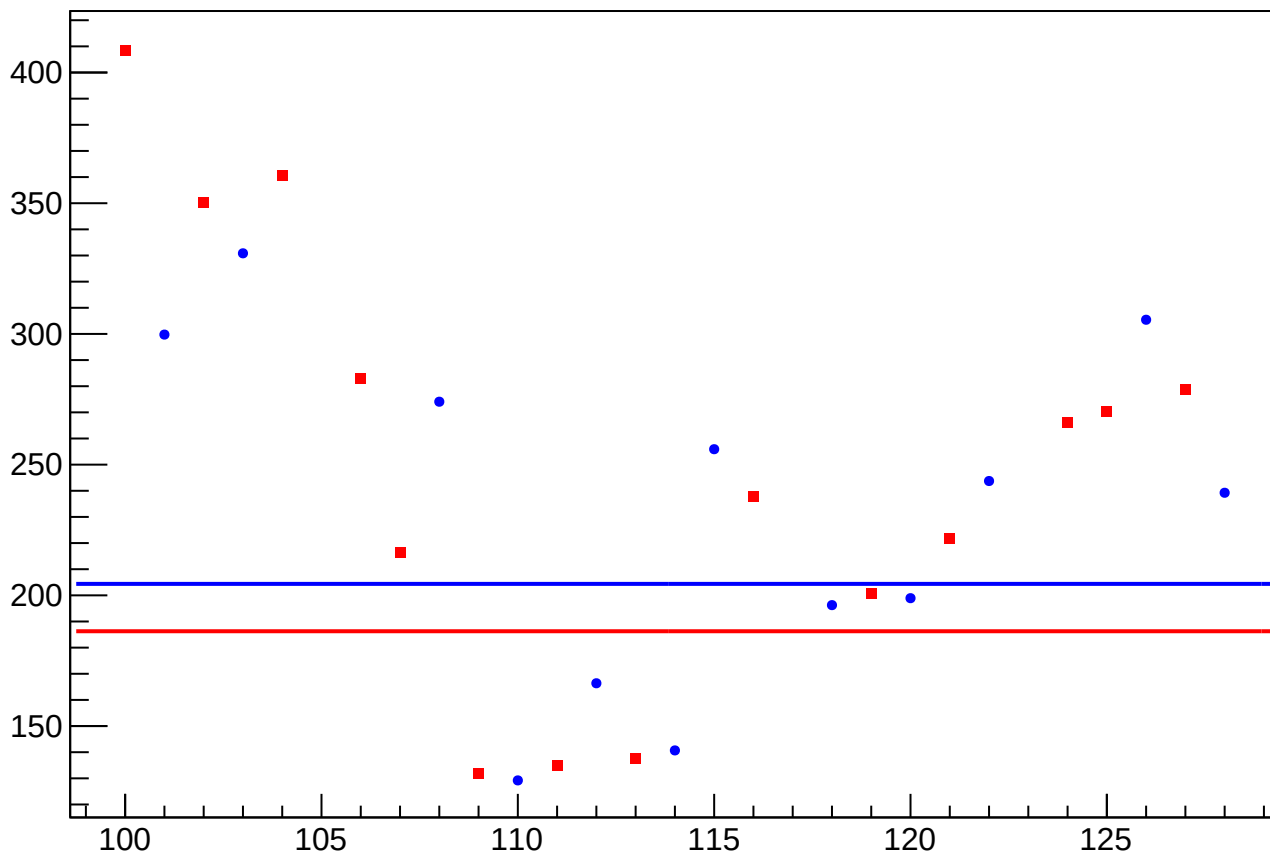
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 339.408+/-64.479 χ^2/NDF : 515.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l06WS_rms vs Slug



Right In: 204.387 $\pm$ 0.069 χ^2 /NDF: 833599.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 186.270 $\pm$ 0.061 χ^2 /NDF: 1278830.3/13

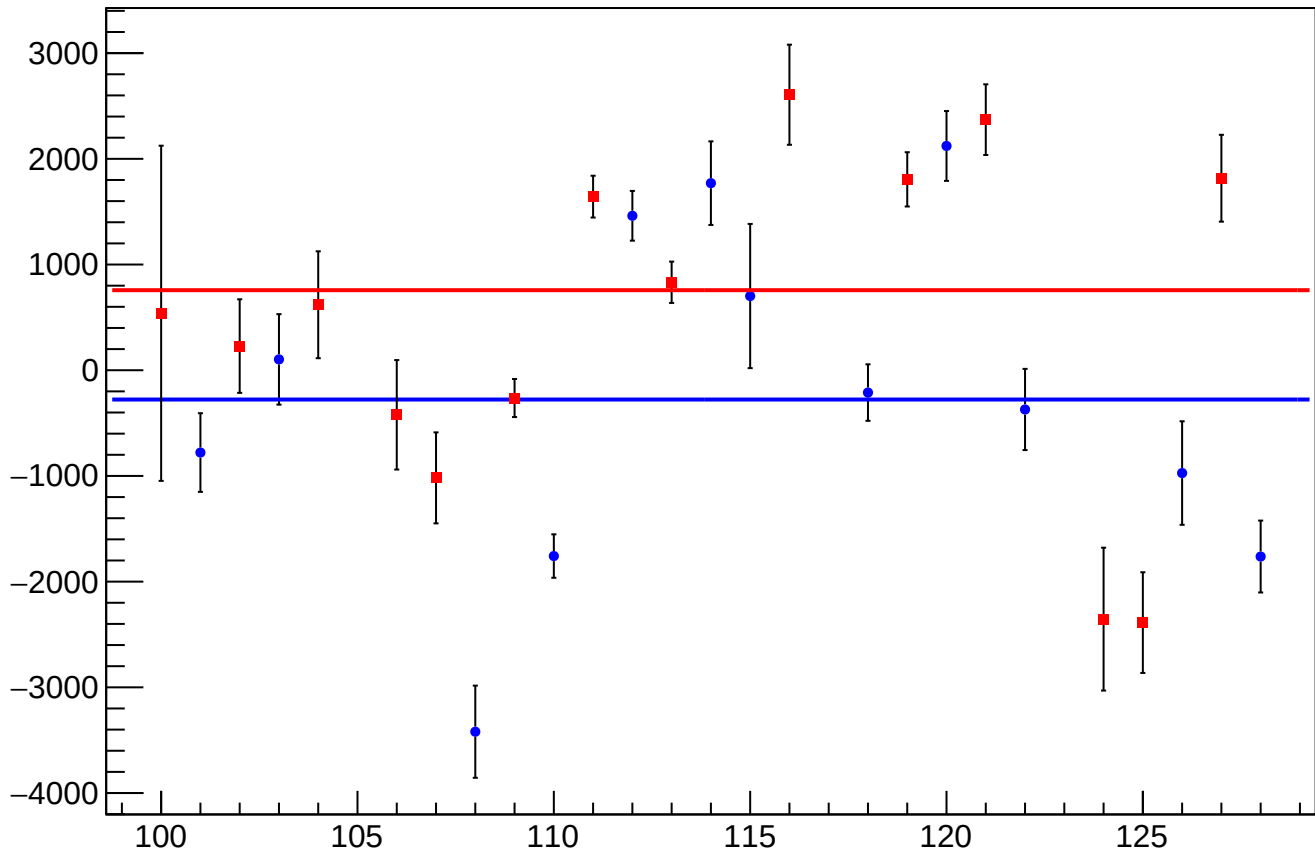
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 194.245 $\pm$ 0.046 χ^2 /NDF: 2151338.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l07WS_mean vs Slug



Right In: -277.103 ± 94.919 χ^2/NDF : 263.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 757.318 ± 83.849 χ^2/NDF : 202.7/13

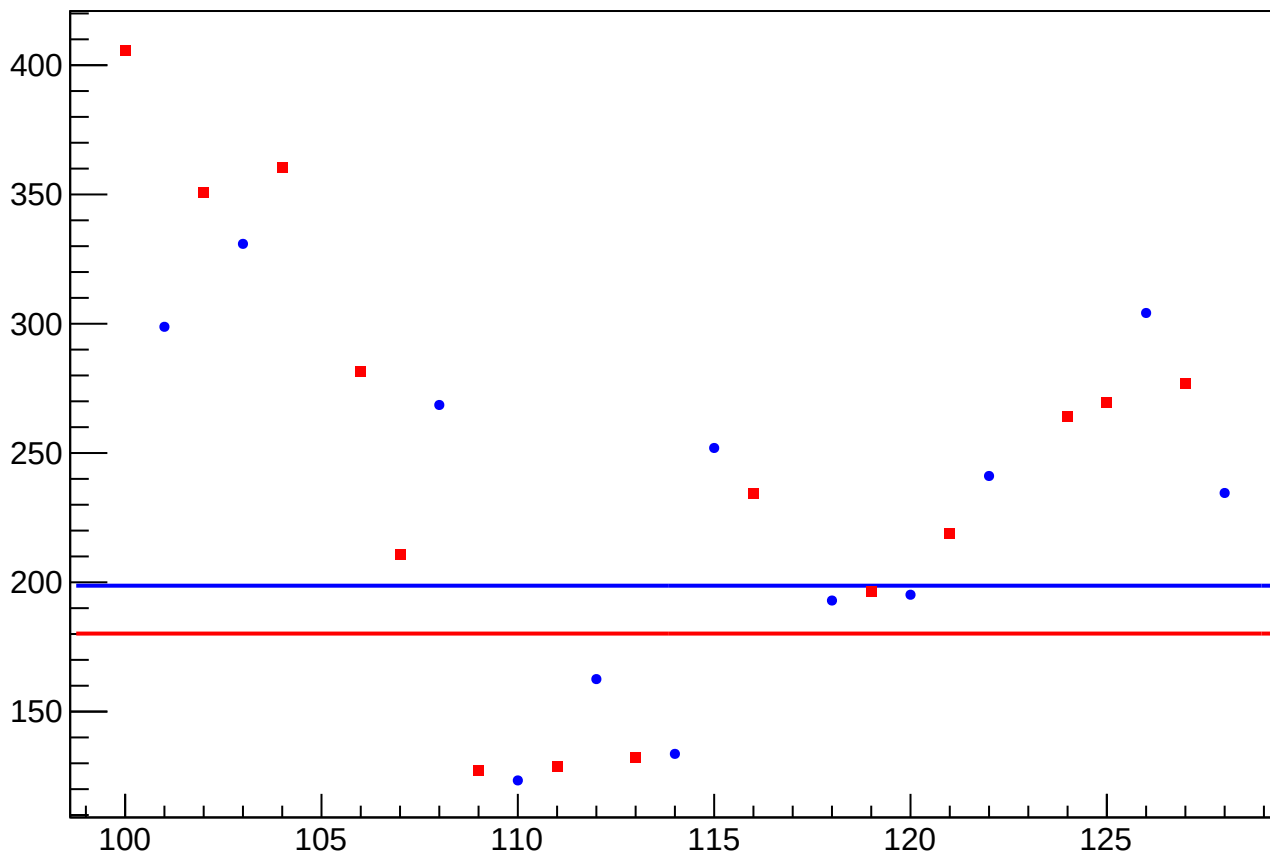
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 303.922 ± 62.841 χ^2/NDF : 533.4/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l07WS_rms vs Slug



Right In: 198.692 $\pm$ 0.067 χ^2 /NDF: 909667.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 180.172 $\pm$ 0.059 χ^2 /NDF: 1379952.9/13

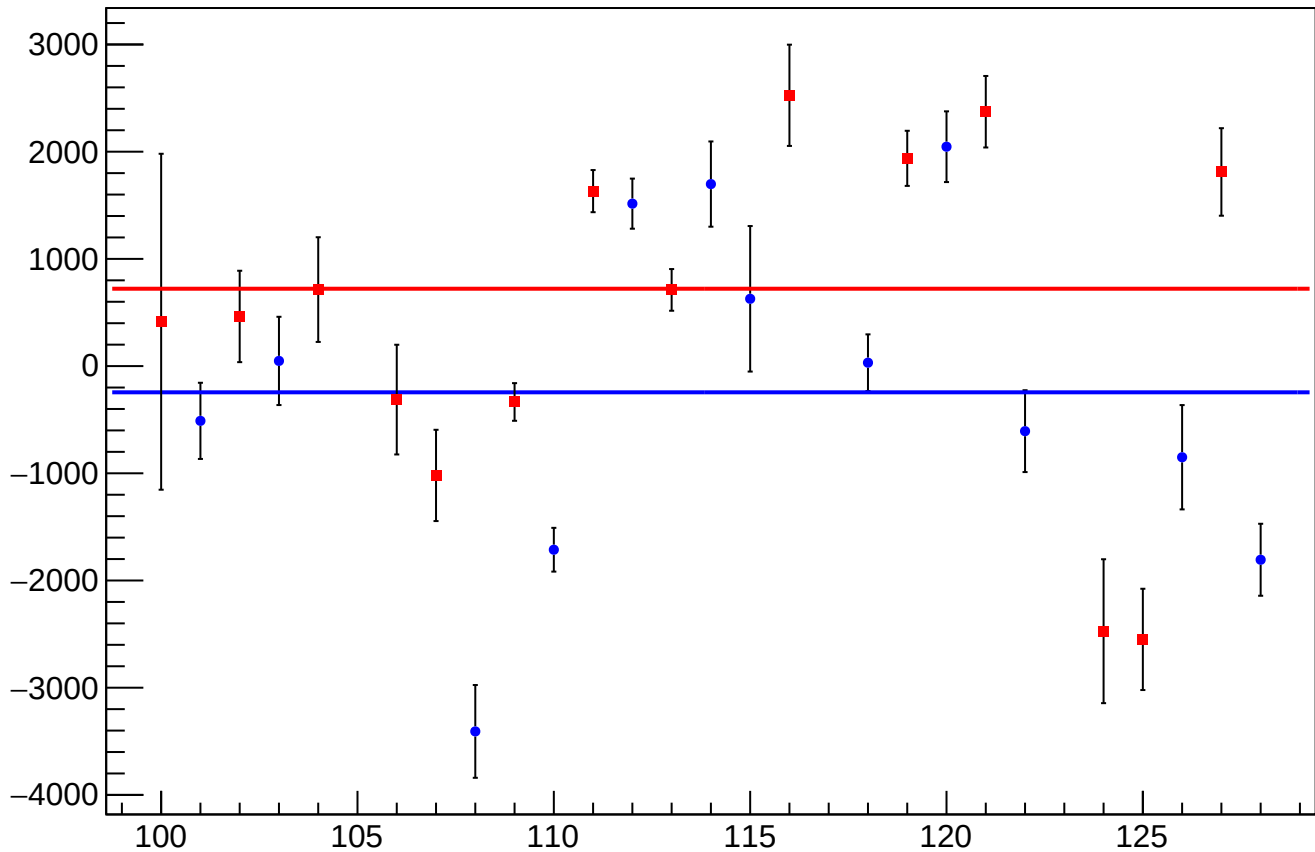
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 188.289 $\pm$ 0.044 χ^2 /NDF: 2332388.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l08WS_mean vs Slug



Right In: -244.595+/-93.890 χ^2/NDF : 261.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 721.674+/-82.900 χ^2/NDF : 218.1/13

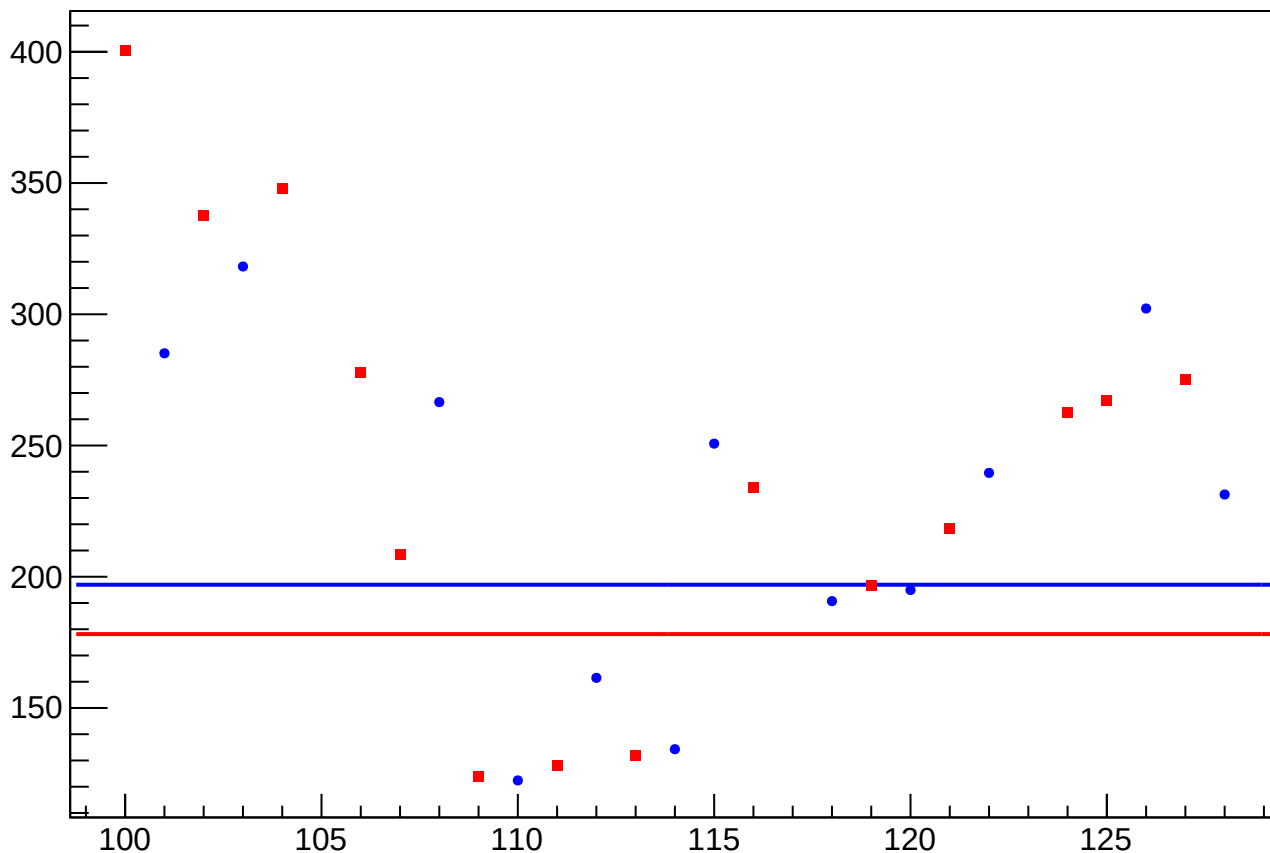
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 298.376+/-62.143 χ^2/NDF : 539.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l08WS_rms vs Slug



Right In: 196.964+/-0.066 χ^2/NDF : 864220.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.146+/-0.059 χ^2/NDF : 1366602.3/13

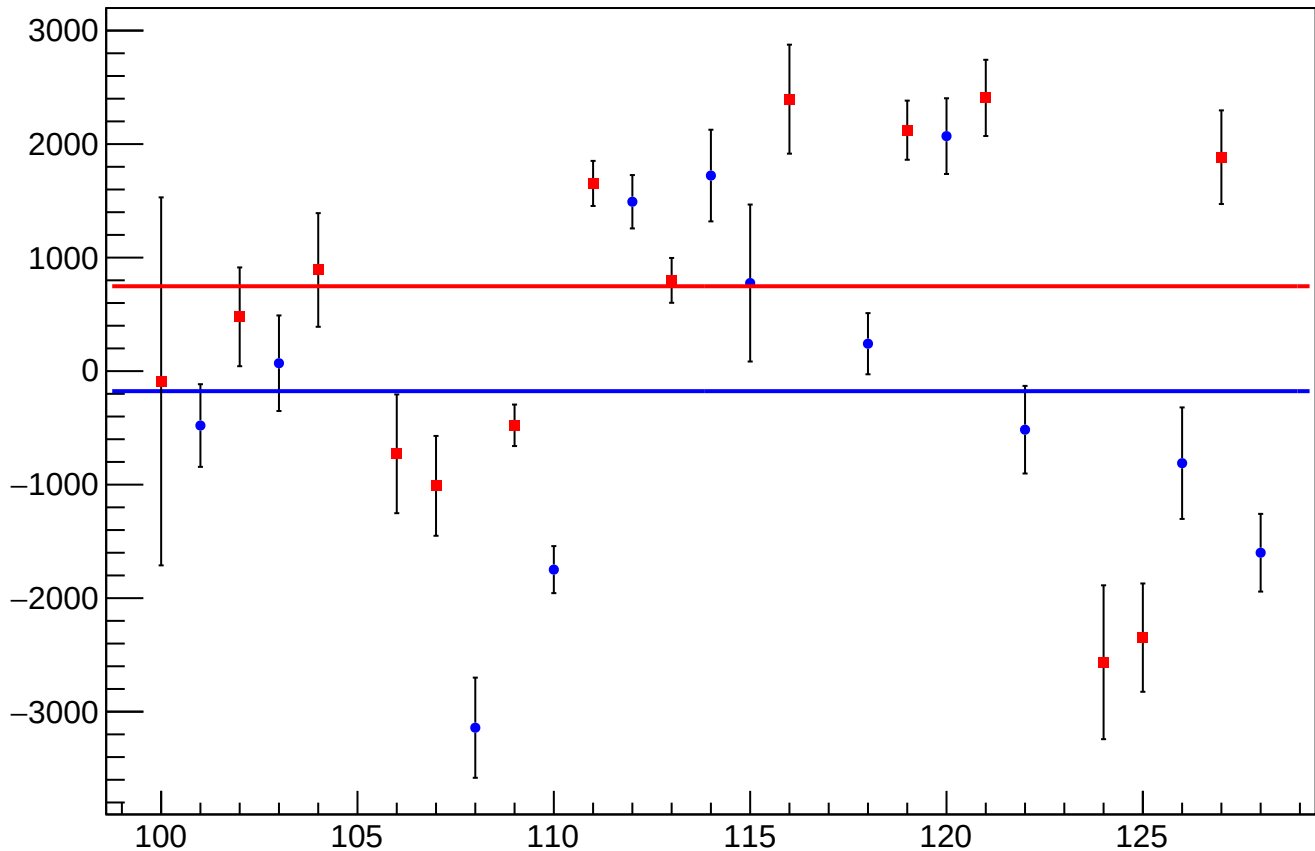
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 186.389+/-0.044 χ^2/NDF : 2275969.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l09WS_mean vs Slug



Right In: -176.461 ± 95.295 χ^2/NDF : 245.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 747.693 ± 84.572 χ^2/NDF : 228.1/13

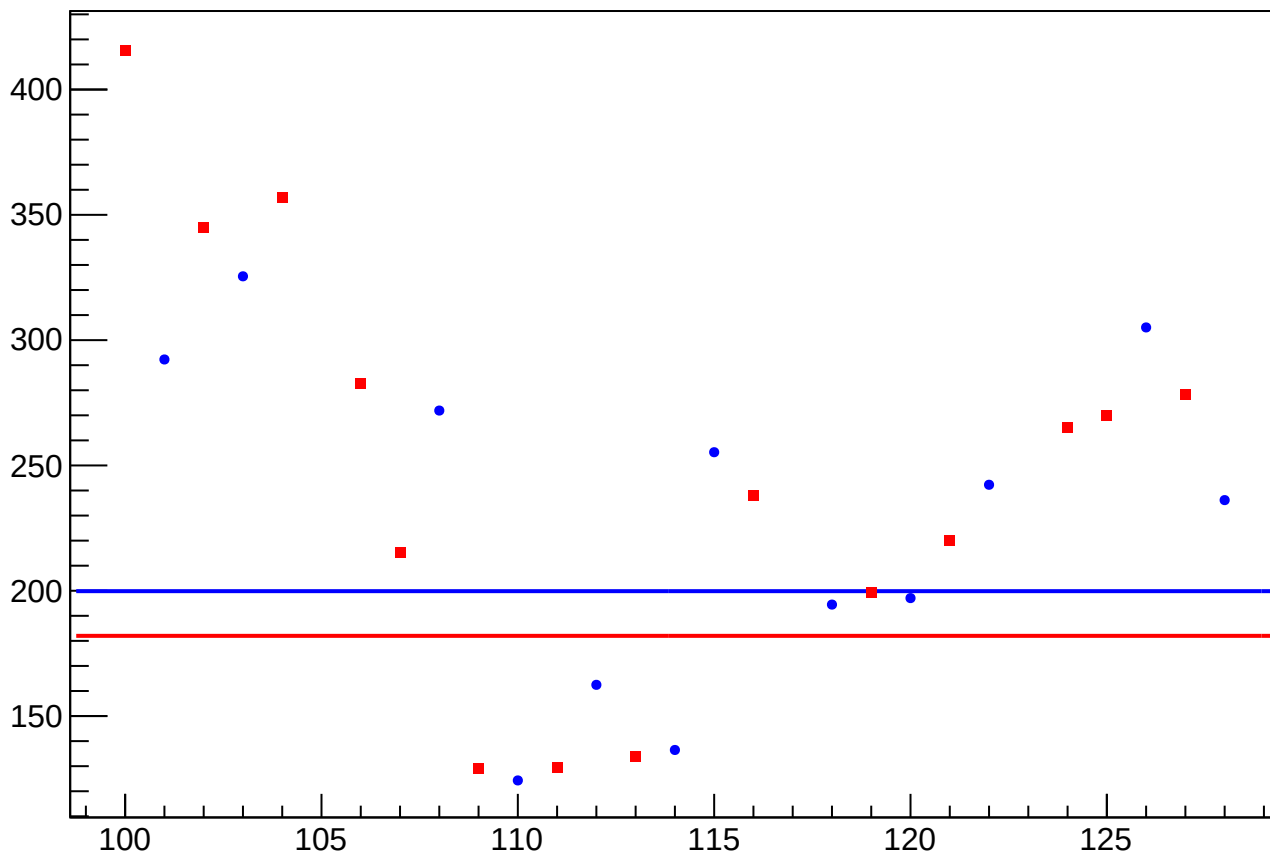
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 340.514 ± 63.254 χ^2/NDF : 526.5/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l09WS_rms vs Slug



Right In: 199.837 $\pm$ 0.067 χ^2 /NDF: 878452.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

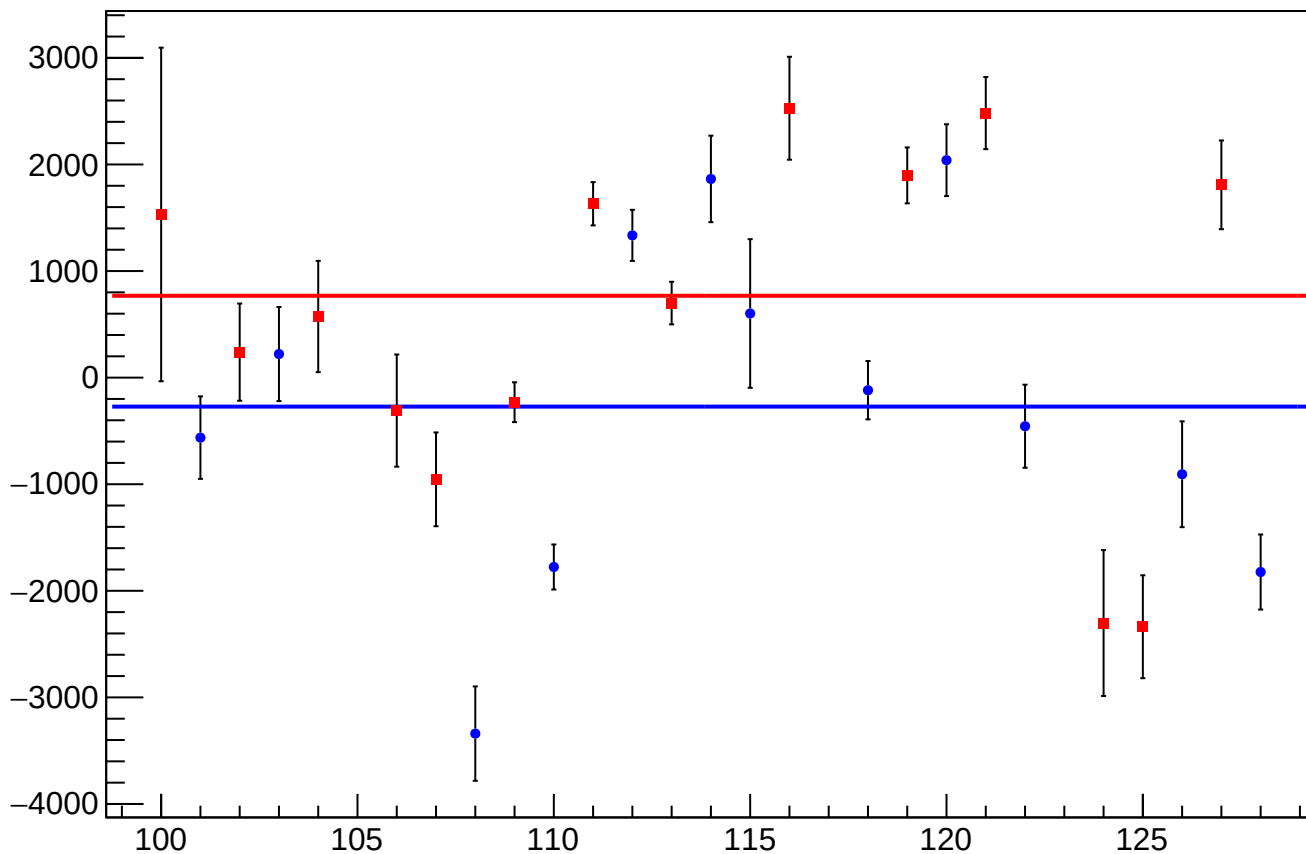
Right Out: 182.007 $\pm$ 0.060 χ^2 /NDF: 1344704.1/13

All: 189.863 $\pm$ 0.045 χ^2 /NDF: 2262323.3/25

- sign 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_bpm0l10WS_mean vs Slug



Right In: -271.848+/-97.259 χ^2/NDF : 243.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 768.078+/-85.952 χ^2/NDF : 193.2/13

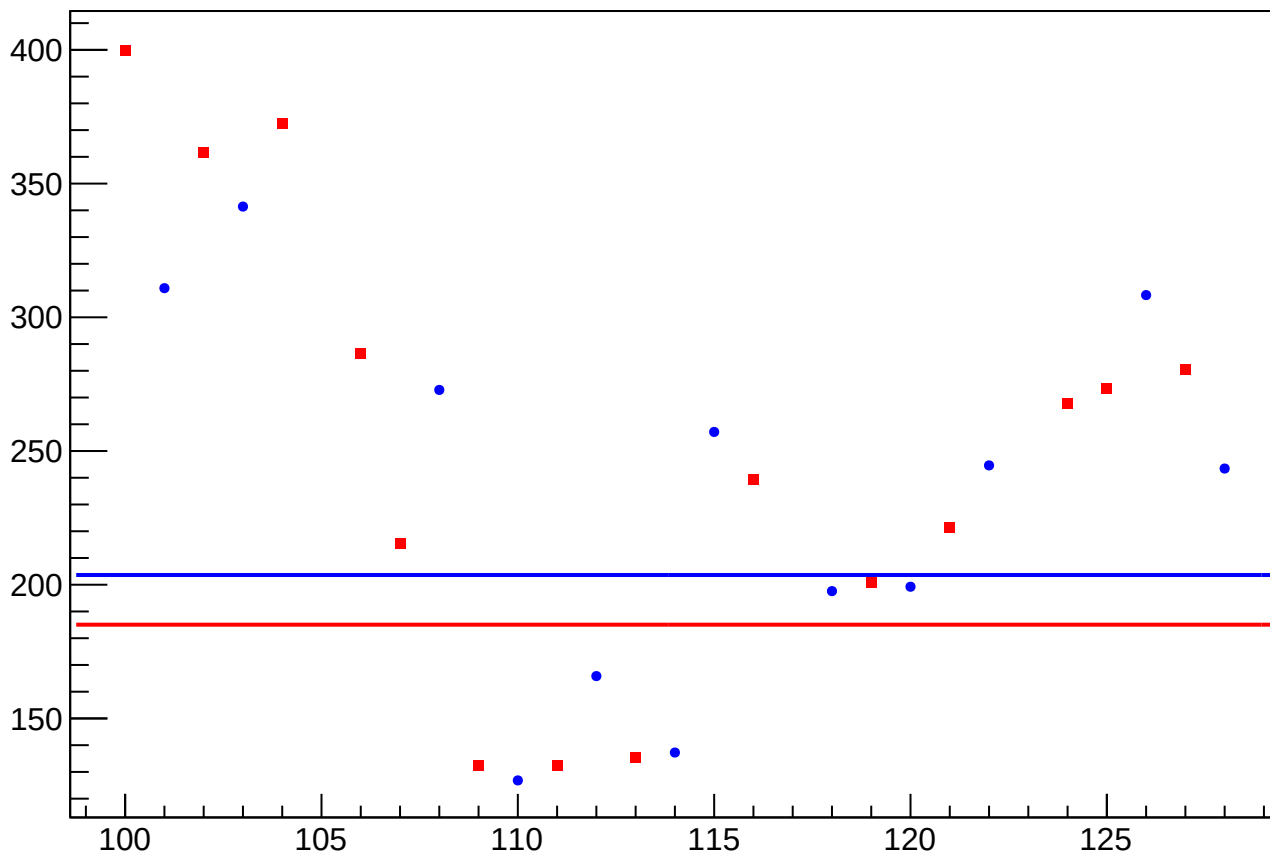
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.051+/-64.406 χ^2/NDF : 500.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l10WS_rms vs Slug



Right In: 203.641+/-0.069 χ^2/NDF : 914570.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.059+/-0.061 χ^2/NDF : 1353150.7/13

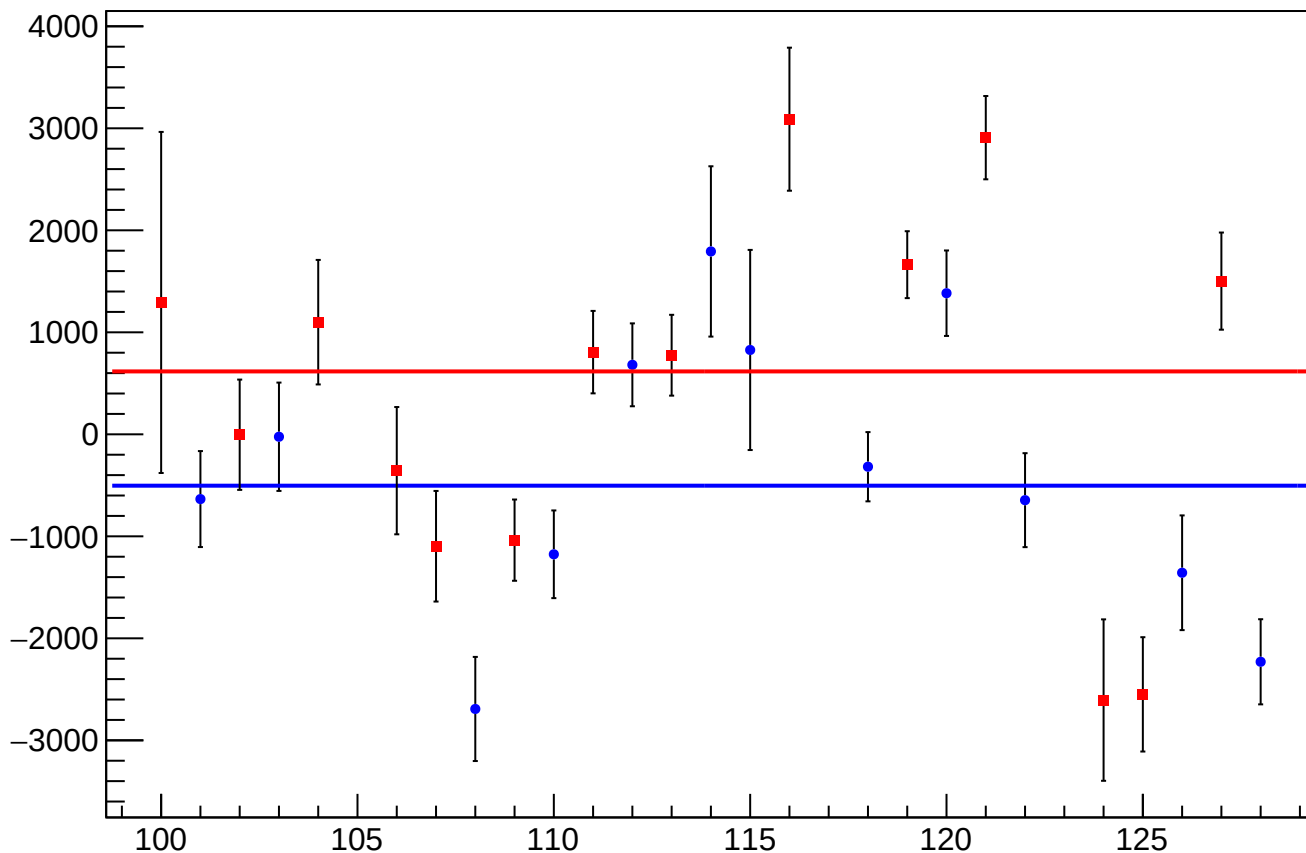
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 193.207+/-0.046 χ^2/NDF : 2308711.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0r03WS_mean vs Slug



Right In: -503.614+/-136.280 χ^2/NDF : 79.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 616.673+/-131.589 χ^2/NDF : 138.2/13

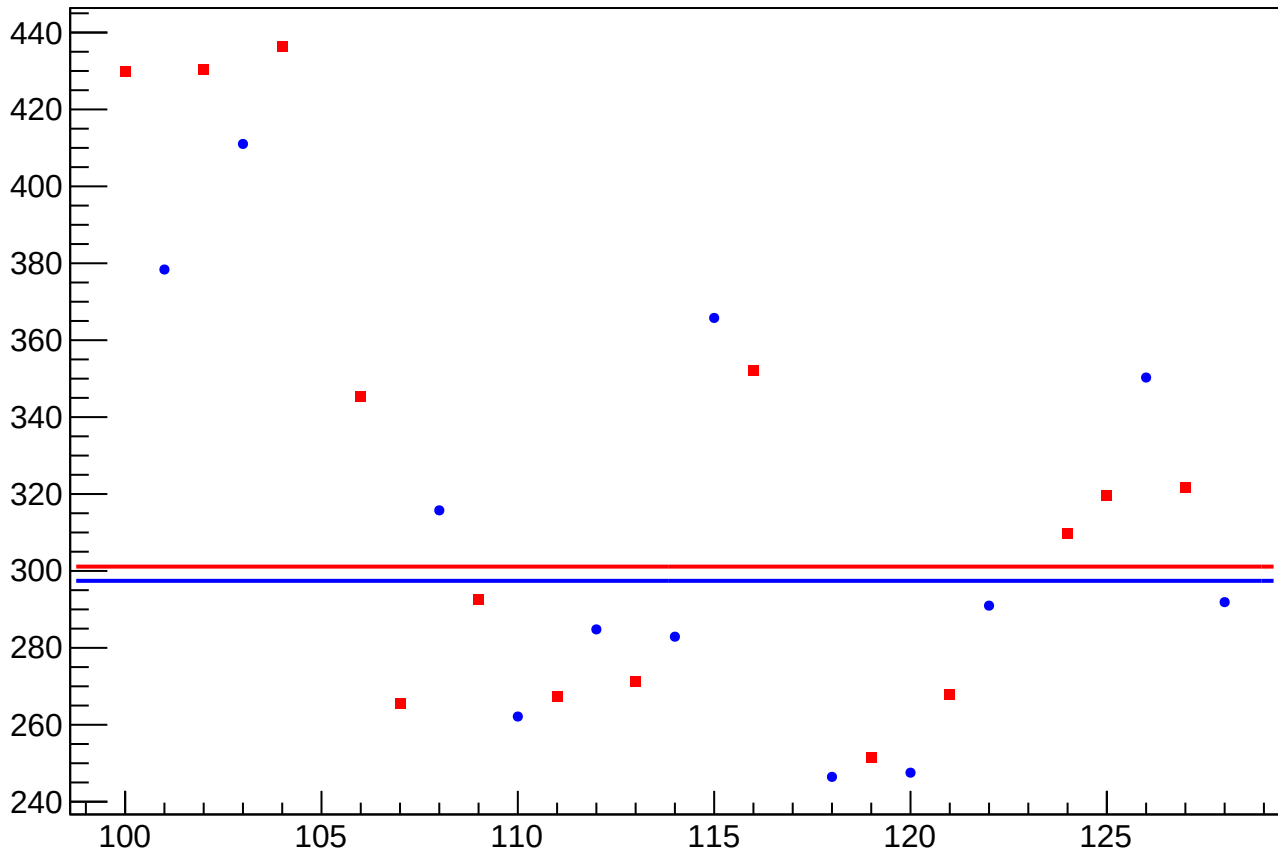
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.139+/-94.662 χ^2/NDF : 253.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0r03WS_rms vs Slug



Right In: 297.430+/-0.096 χ^2/NDF : 270930.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 301.129+/-0.093 χ^2/NDF : 345180.4/13

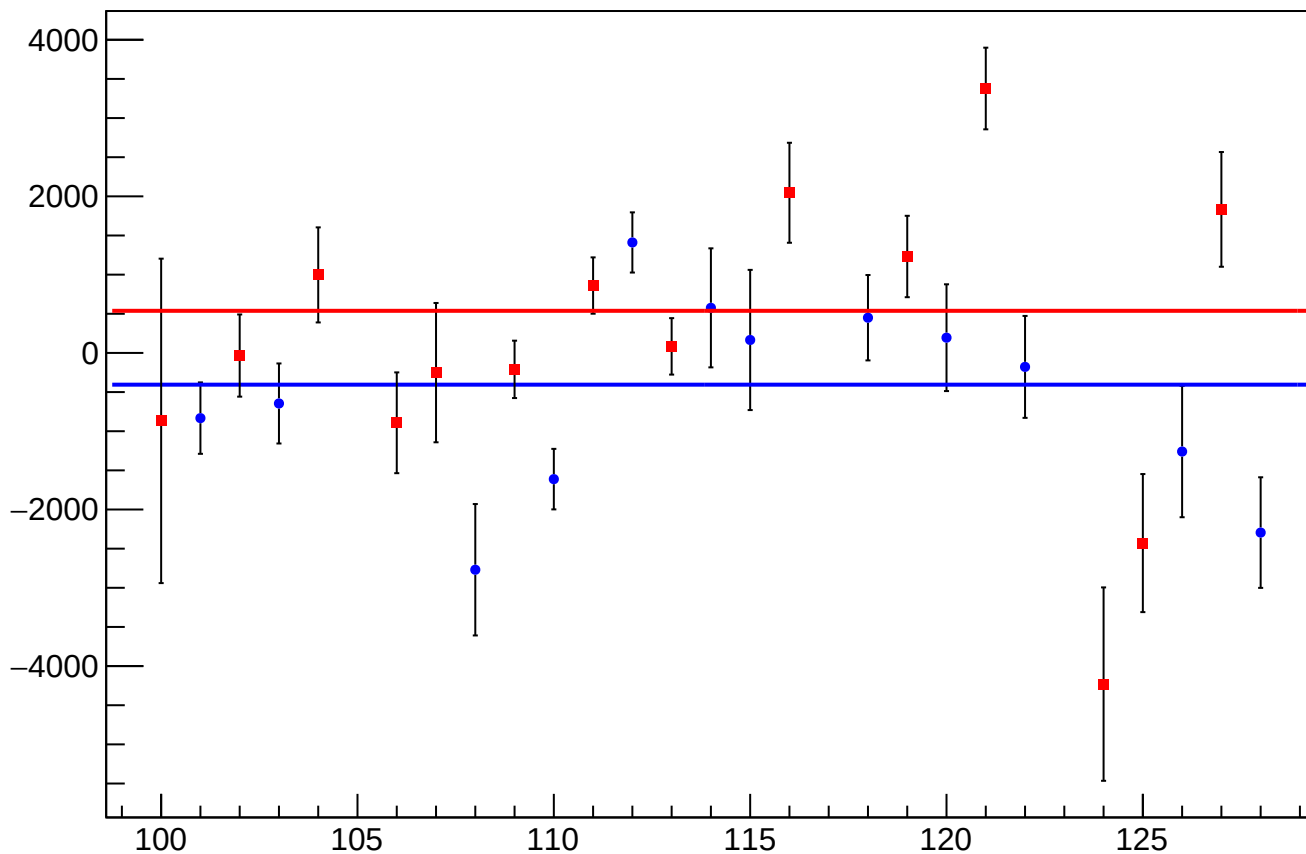
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 299.344+/-0.067 χ^2/NDF : 616873.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0r05WS_mean vs Slug



Right In: -405.404+/-162.663 χ^2/NDF : 54.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 537.972+/-146.256 χ^2/NDF : 80.8/13

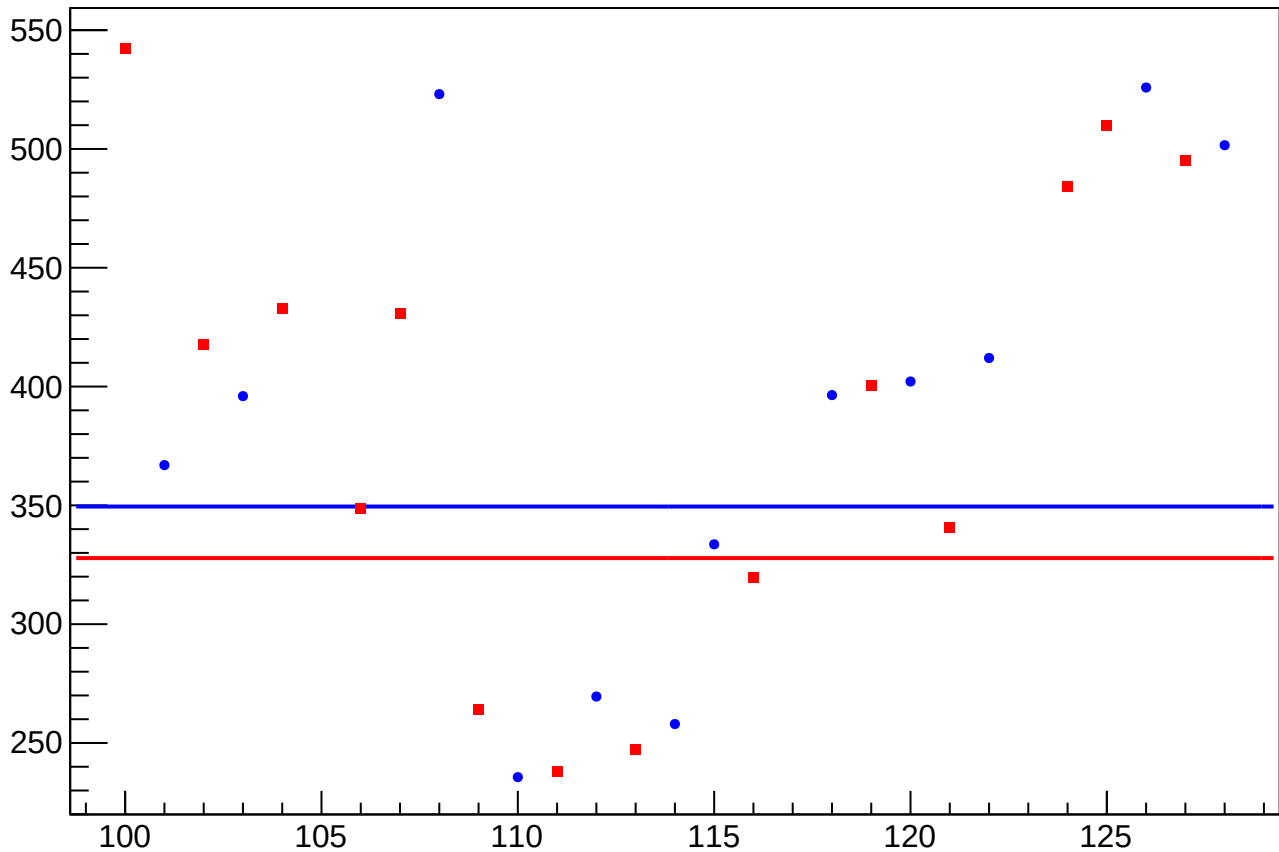
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.249+/-108.758 χ^2/NDF : 154.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0r05WS_rms vs Slug



Right In: 349.509+/-0.115 χ^2/NDF : 621019.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 327.815+/-0.103 χ^2/NDF : 715790.9/13

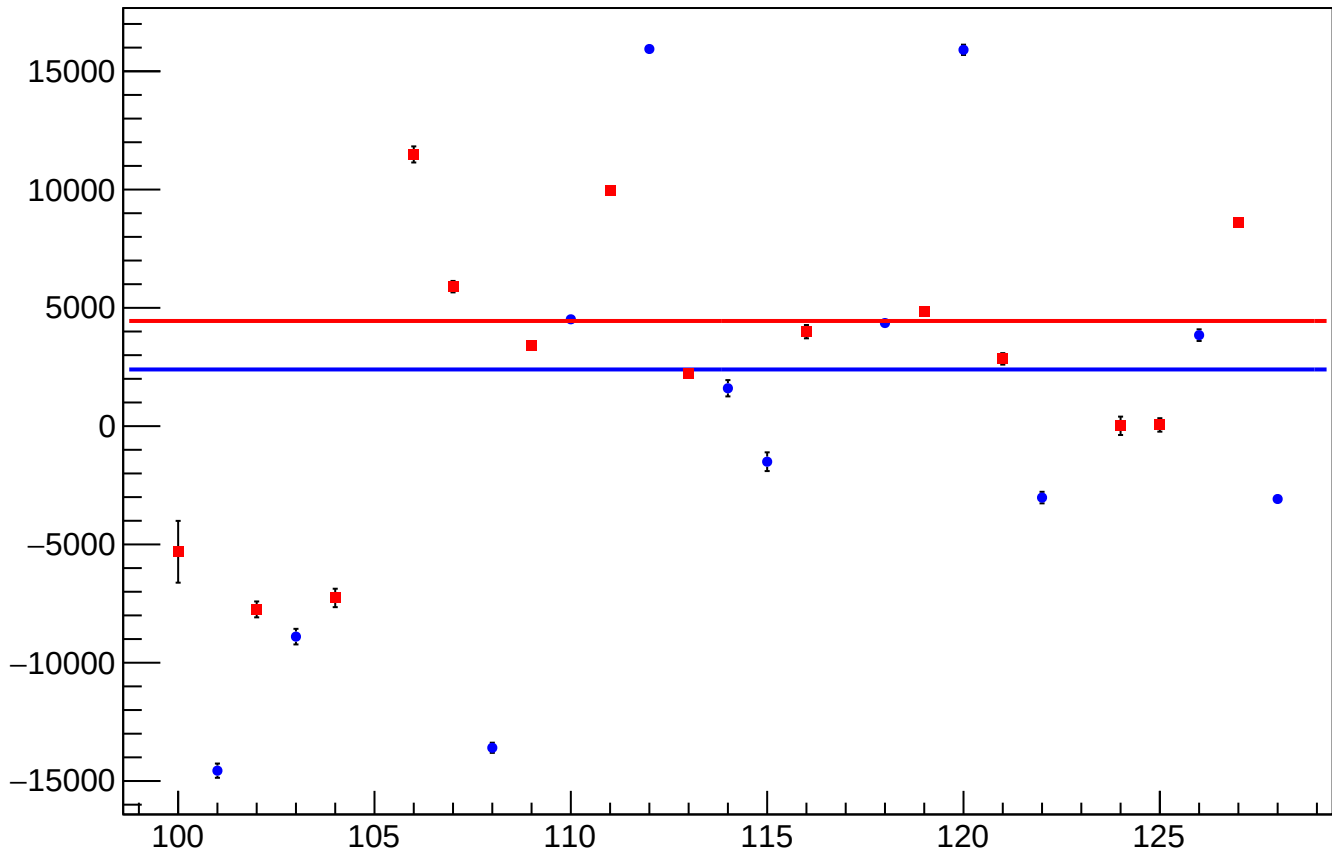
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 337.513+/-0.077 χ^2/NDF : 1356481.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02WS_mean vs Slug



Right In: 2395.637+/-64.684 χ^2/NDF : 21530.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4445.443+/-61.416 χ^2/NDF : 5053.8/13

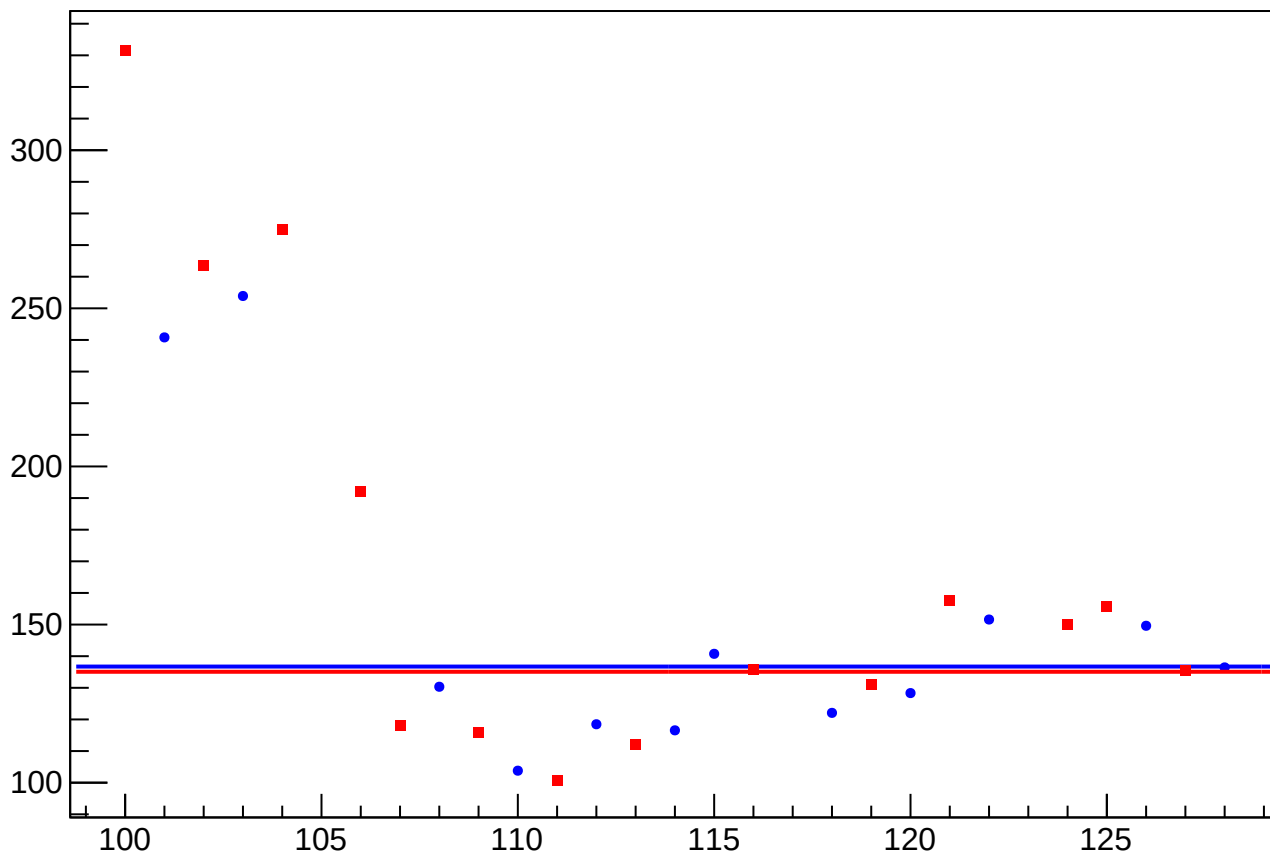
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3473.630+/-44.538 χ^2/NDF : 27112.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02WS_rms vs Slug



Right In: 136.718+/-0.046 χ^2/NDF : 626278.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.075+/-0.043 χ^2/NDF : 857270.6/13

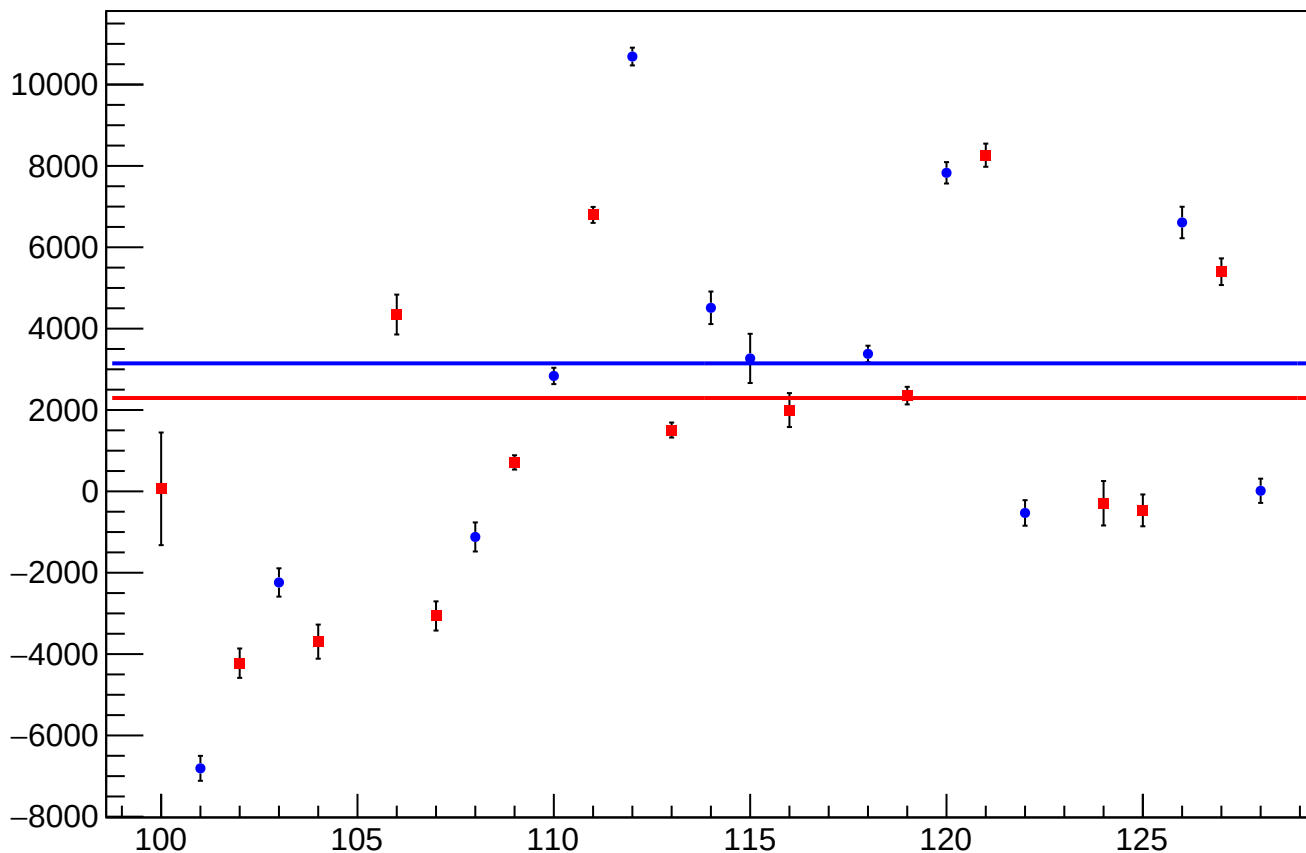
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.854+/-0.031 χ^2/NDF : 1484228.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02aWS_mean vs Slug



Right In: 3146.568+/-81.936 χ^2/NDF : 3293.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2294.832+/-76.242 χ^2/NDF : 2001.1/13

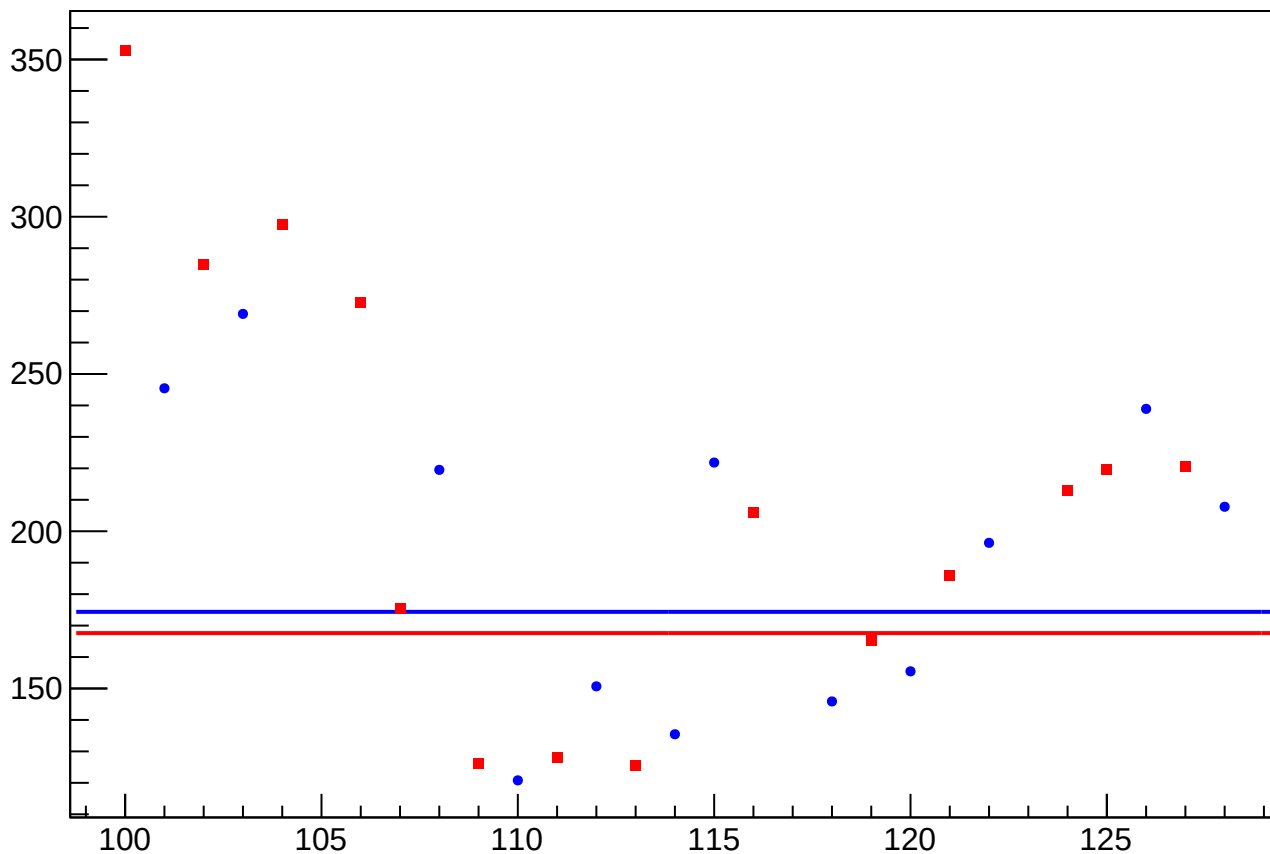
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2690.082+/-55.816 χ^2/NDF : 5351.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02aWS_rms vs Slug



Right In: 174.370+/-0.058 χ^2/NDF : 626089.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.615+/-0.054 χ^2/NDF : 956018.0/13

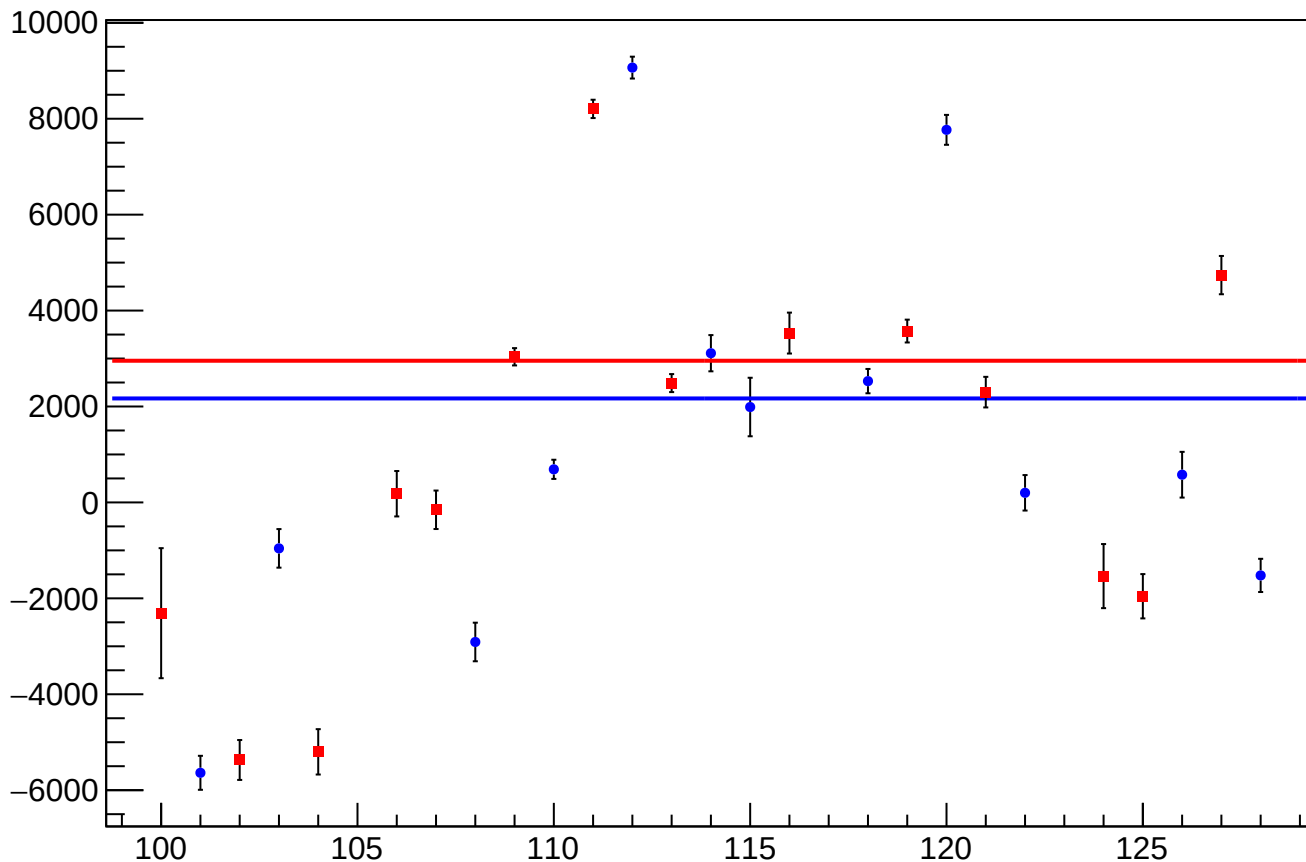
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.750+/-0.039 χ^2/NDF : 1589393.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i05WS_mean vs Slug



Right In: 2167.822+/-91.205 χ^2/NDF : 2159.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2953.958+/-80.531 χ^2/NDF : 1760.7/13

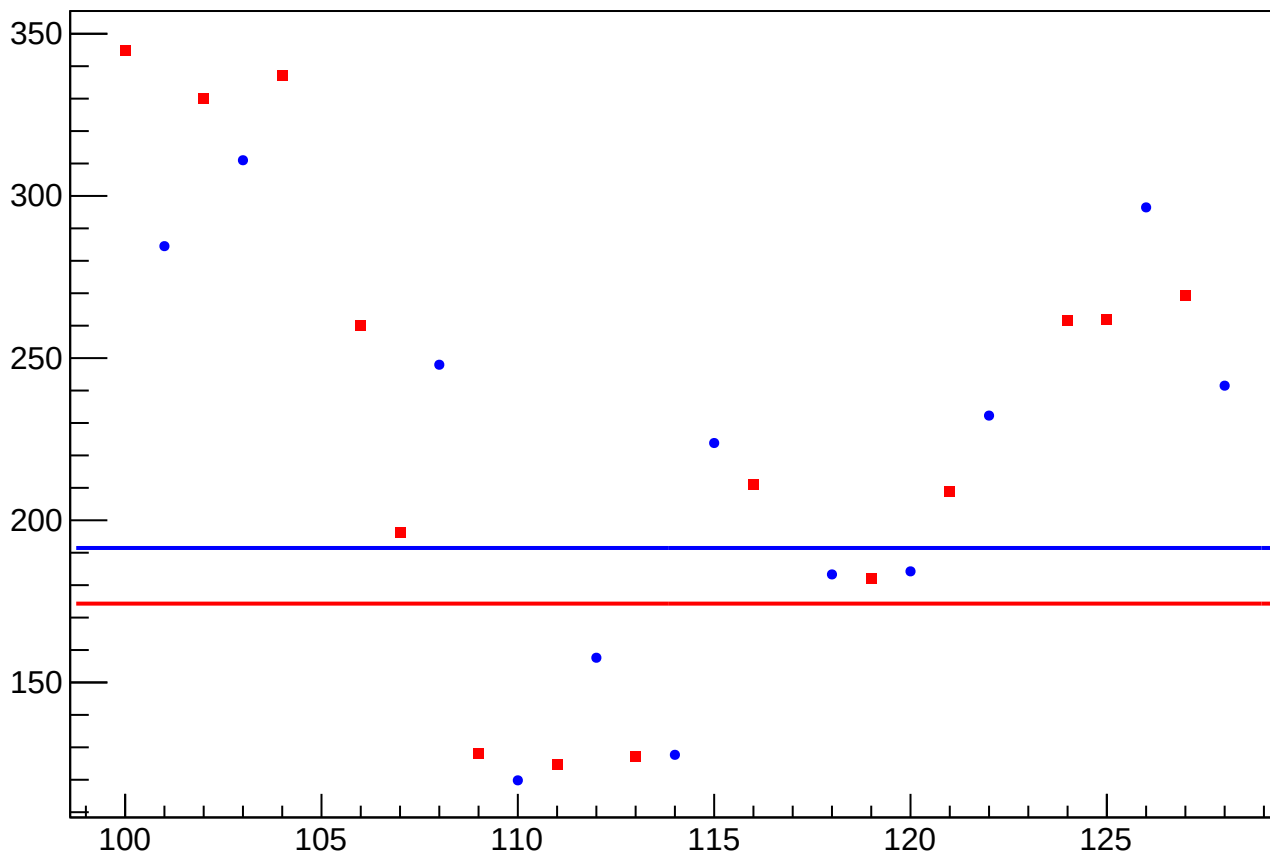
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2609.561+/-60.367 χ^2/NDF : 3961.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i05WS_rms vs Slug



Right In: 191.461+/-0.064 χ^2/NDF : 884388.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.307+/-0.057 χ^2/NDF : 1273351.6/13

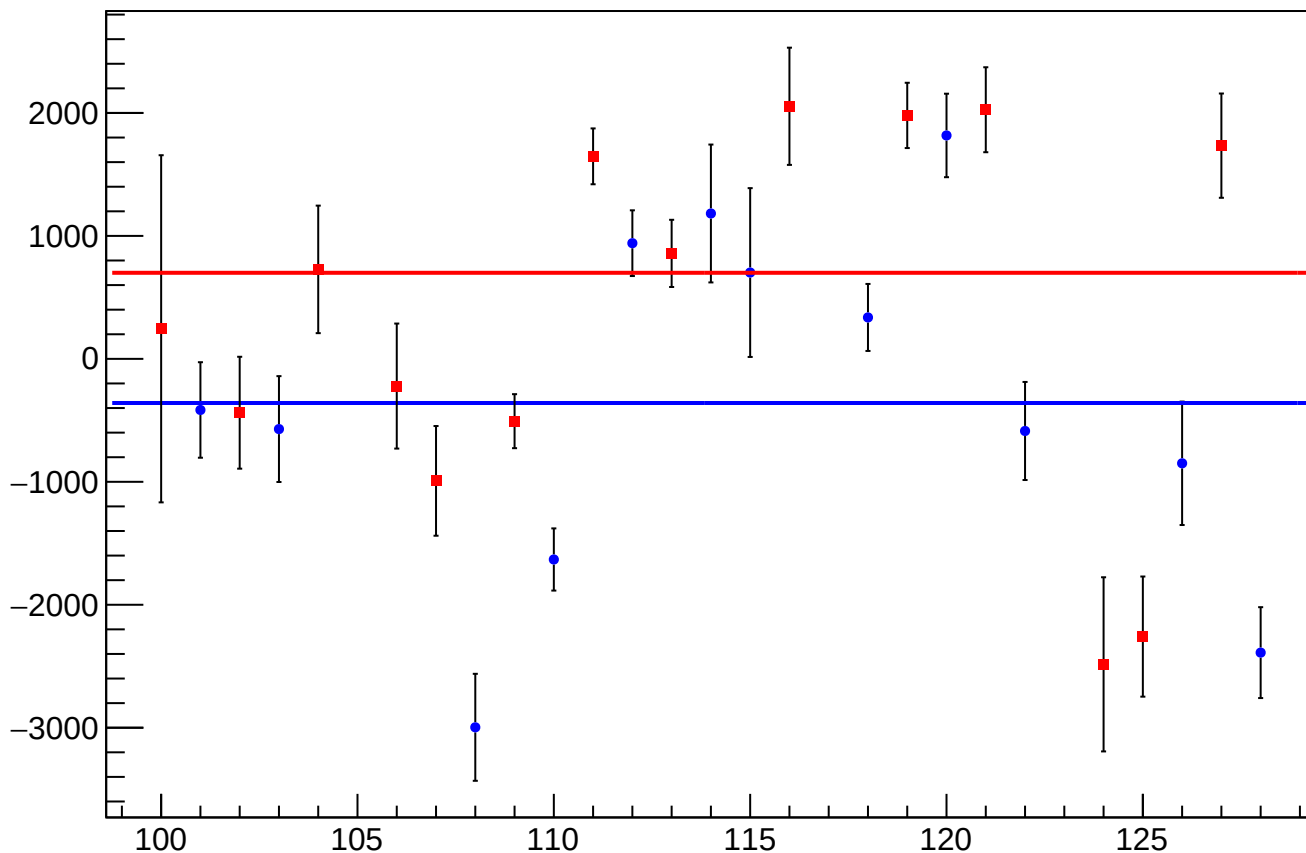
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.822+/-0.043 χ^2/NDF : 2197492.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i07WS_mean vs Slug



Right In: -358.928 ± 104.272 χ^2/NDF : 175.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 700.011 ± 95.276 χ^2/NDF : 180.8/13

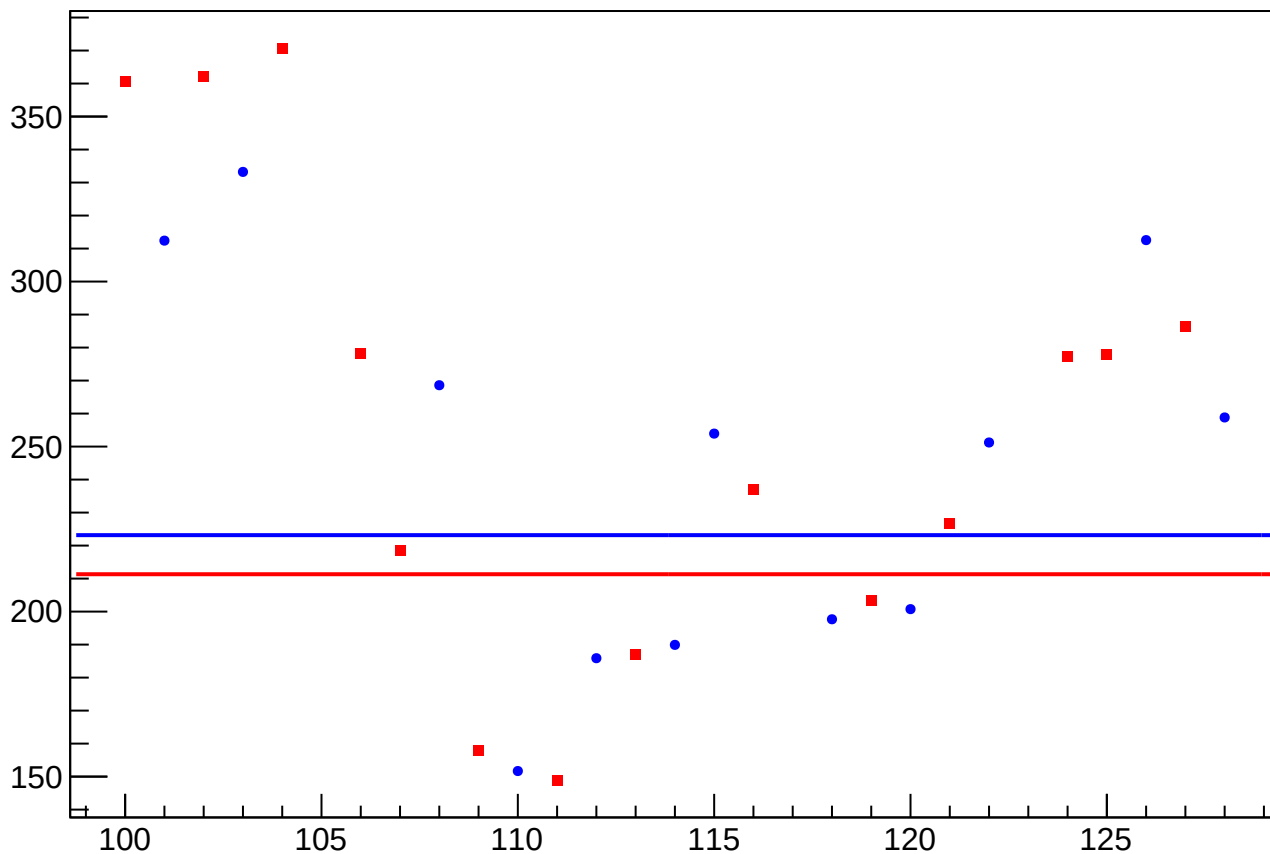
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 218.185 ± 70.336 χ^2/NDF : 412.1/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0i07WS_rms vs Slug



Right In: 223.164 ± 0.074 χ^2/NDF : 586083.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 211.323 ± 0.067 χ^2/NDF : 878523.0/13

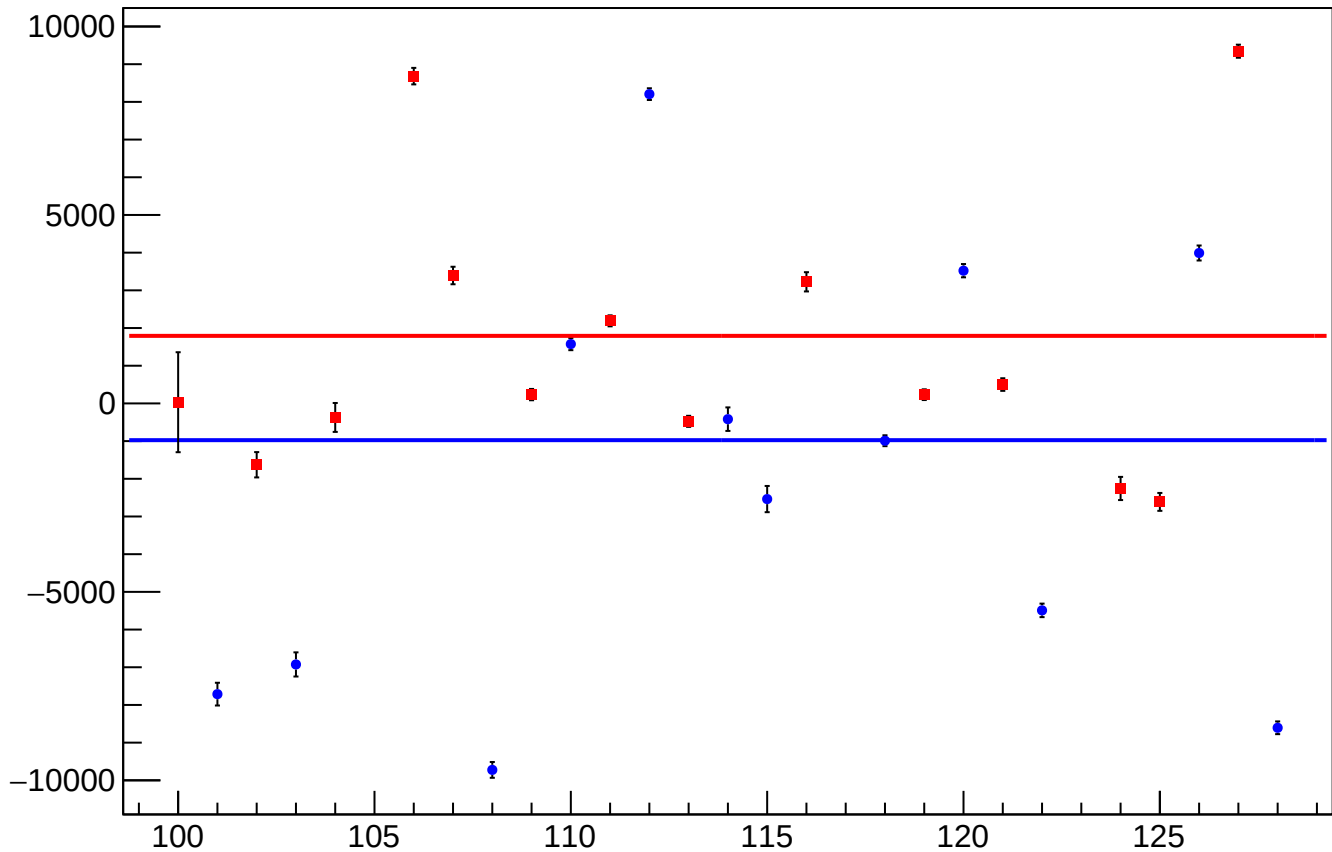
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 216.710 ± 0.050 χ^2/NDF : 1478662.3/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm1i02WS_mean vs Slug



Right In: -975.144+/-56.527 χ^2/NDF : 10285.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1792.266+/-53.003 χ^2/NDF : 4158.7/13

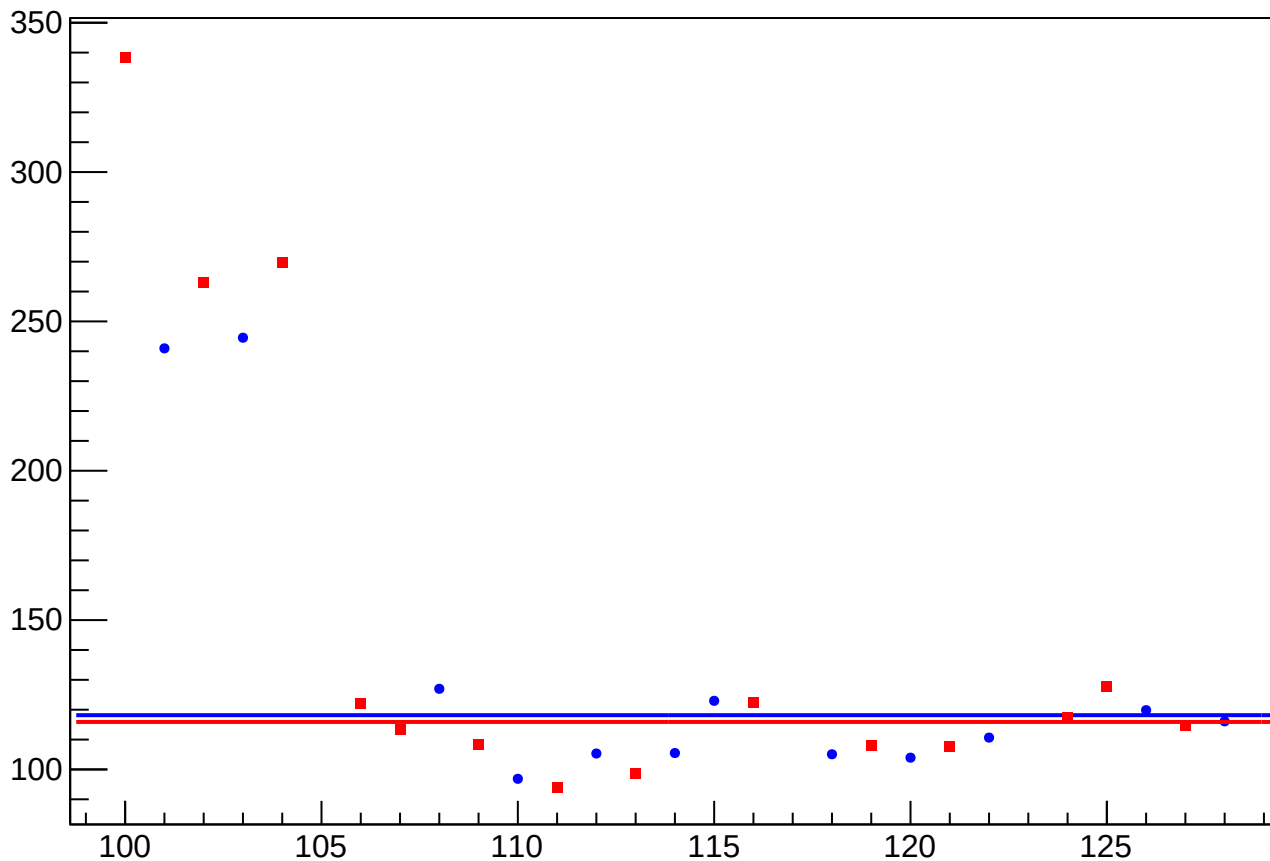
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 497.506+/-38.665 χ^2/NDF : 15719.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm1i02WS_rms vs Slug



Right In: 118.164 $\pm$ 0.040 χ^2 /NDF: 730920.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 115.903 $\pm$ 0.037 χ^2 /NDF: 860399.6/13

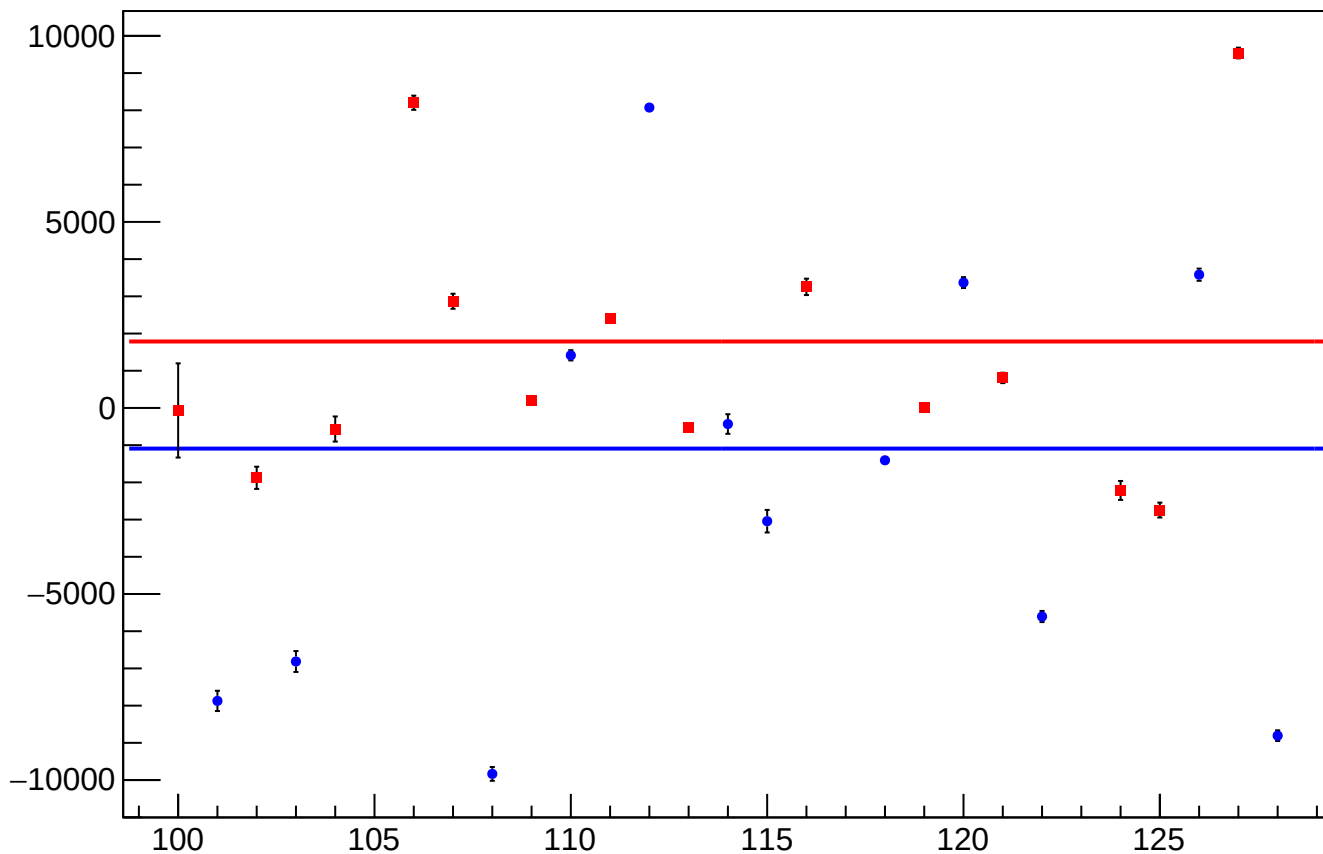
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 116.961 $\pm$ 0.027 χ^2 /NDF: 1593022.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm1i04WS_mean vs Slug



Right In: -1092.105+/-47.960 χ^2/NDF : 13890.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1786.675+/-45.040 χ^2/NDF : 5871.6/13

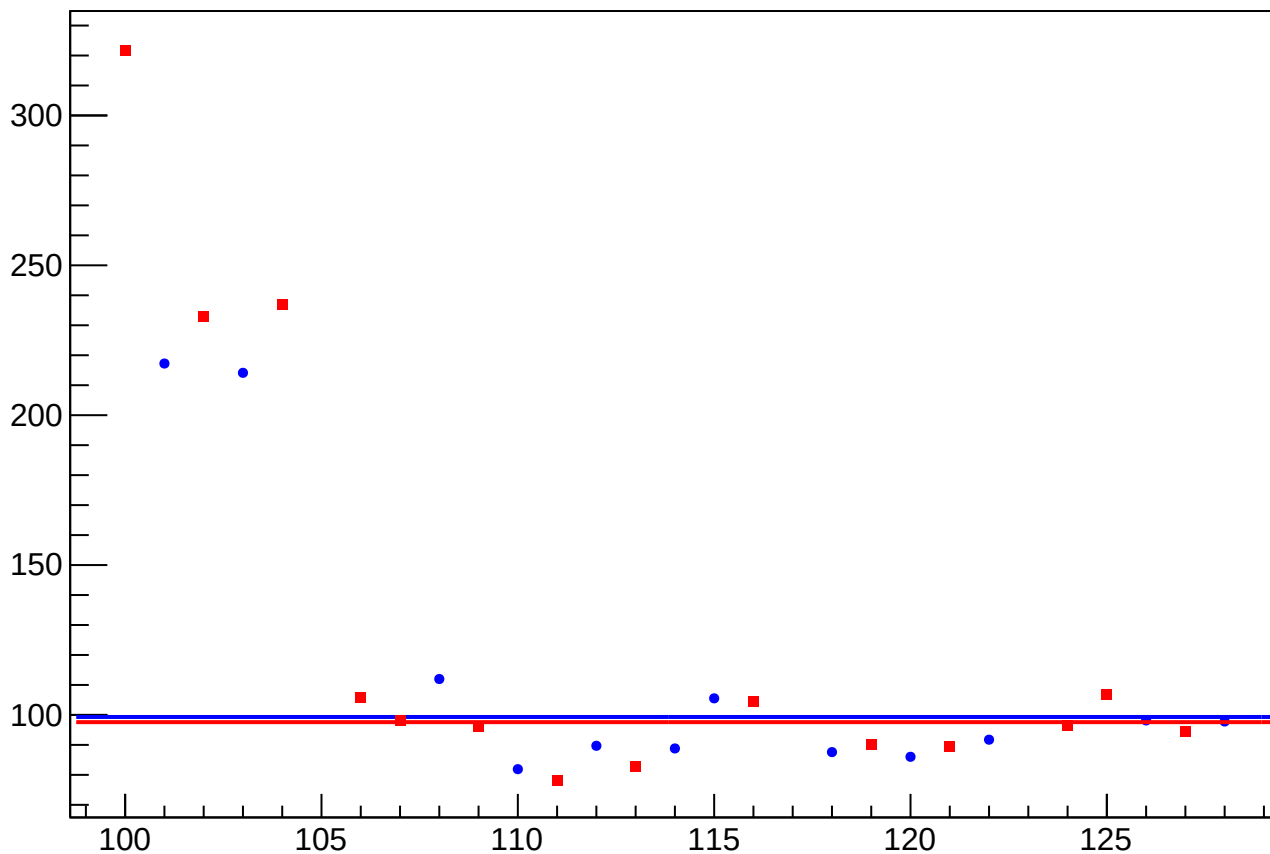
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 437.597+/-32.832 χ^2/NDF : 21676.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm1i04WS_rms vs Slug



Right In: 99.316+/-0.034 χ^2/NDF : 806237.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.591+/-0.032 χ^2/NDF : 920587.6/13

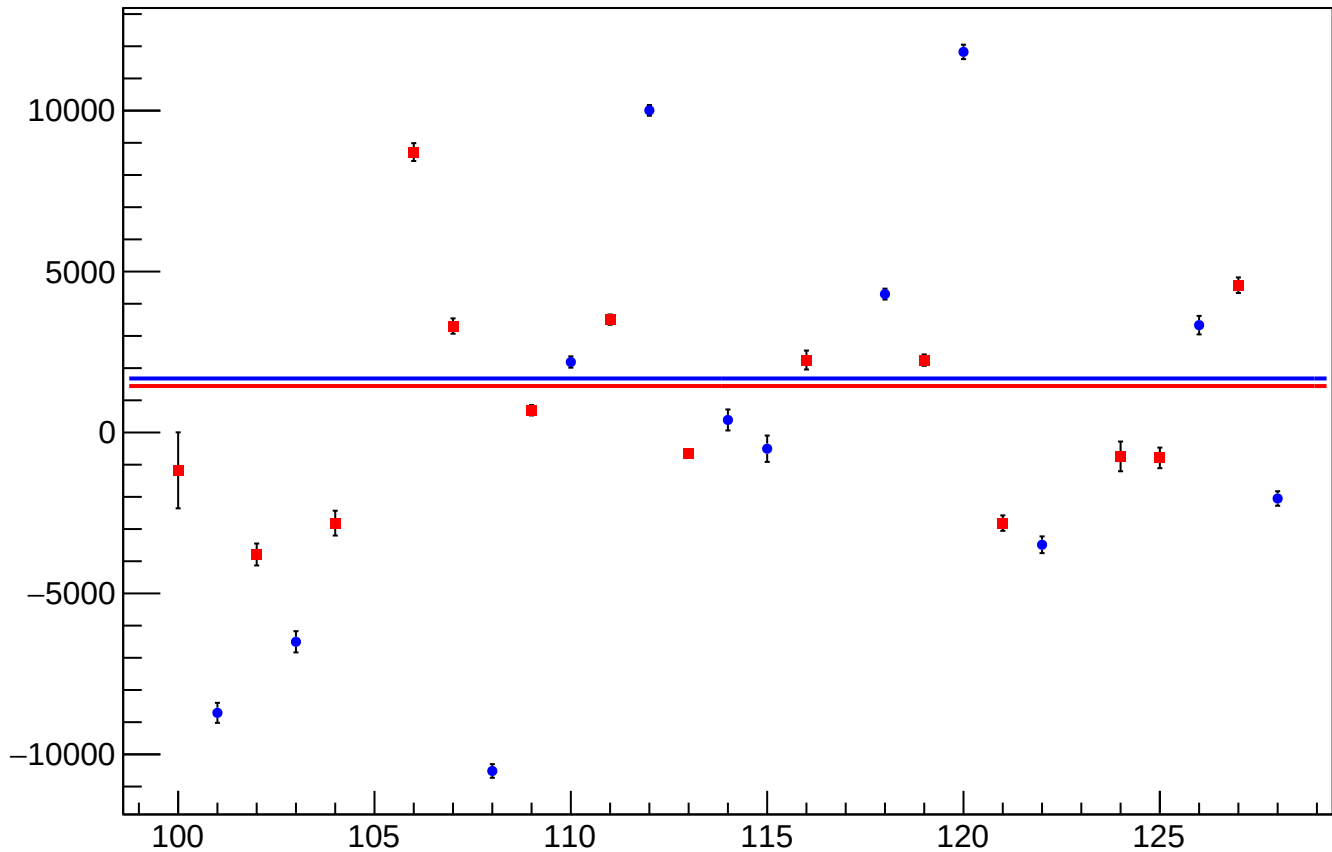
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.400+/-0.023 χ^2/NDF : 1728200.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm1i06WS_mean vs Slug



Right In: 1678.176+/-66.376 χ^2/NDF : 10577.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1443.535+/-62.264 χ^2/NDF : 2063.3/13

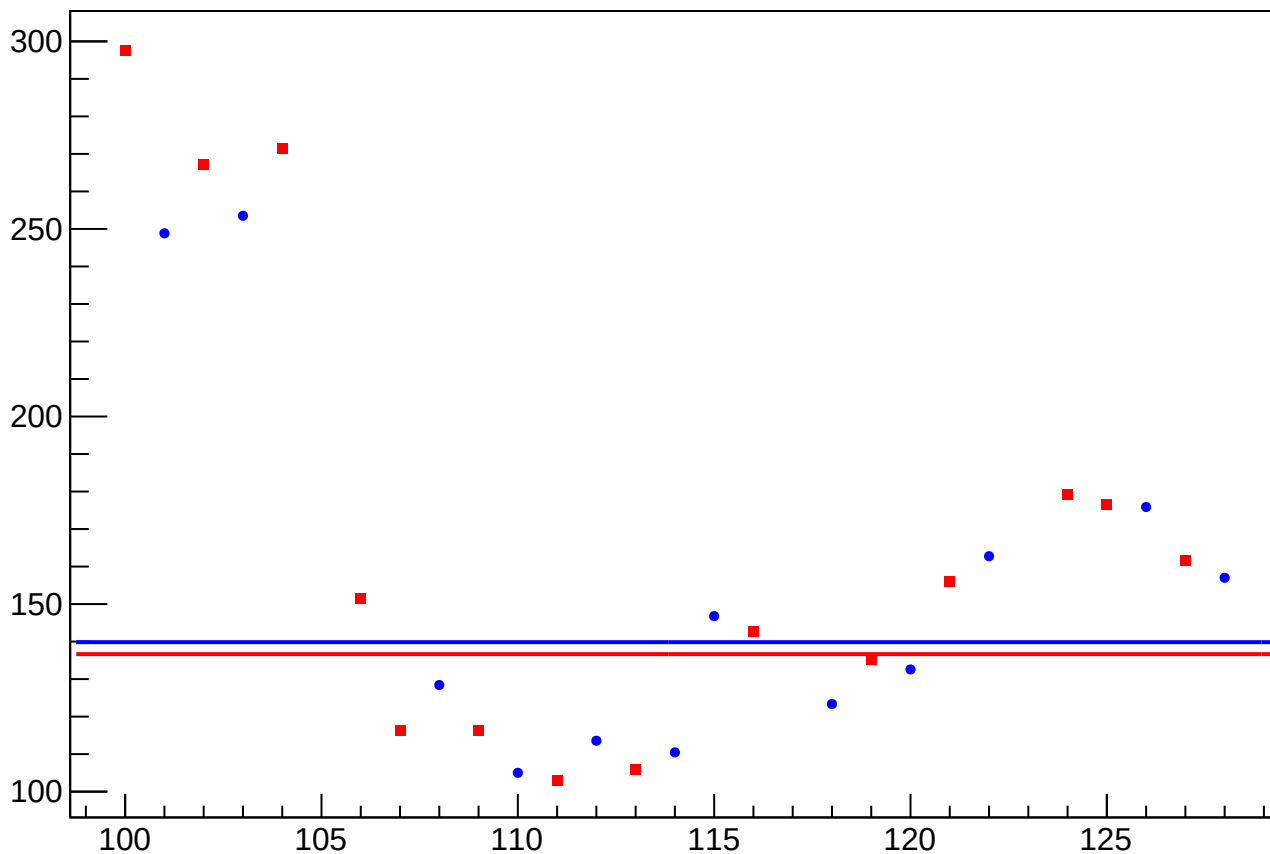
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1553.364+/-45.411 χ^2/NDF : 12647.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm1i06WS_rms vs Slug



Right In: 139.846 $\pm$ 0.047 χ^2 /NDF: 714084.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 136.659 $\pm$ 0.044 χ^2 /NDF: 875927.0/13

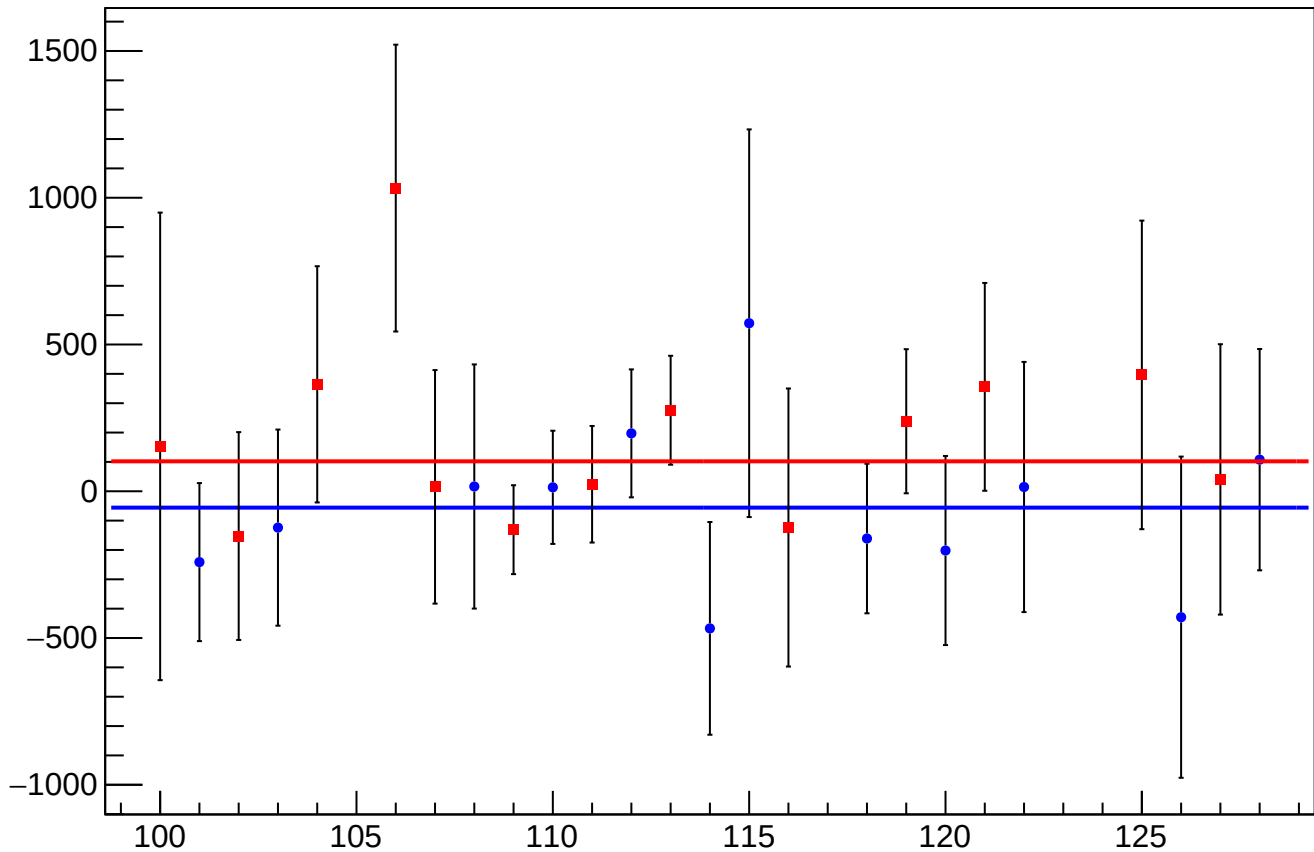
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 138.150 $\pm$ 0.032 χ^2 /NDF: 1592464.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_2an_us_an_ds_avg_mean vs Slug



Right In: -55.776+/-88.630 χ^2/NDF : 5.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.971+/-78.659 χ^2/NDF : 9.4/12

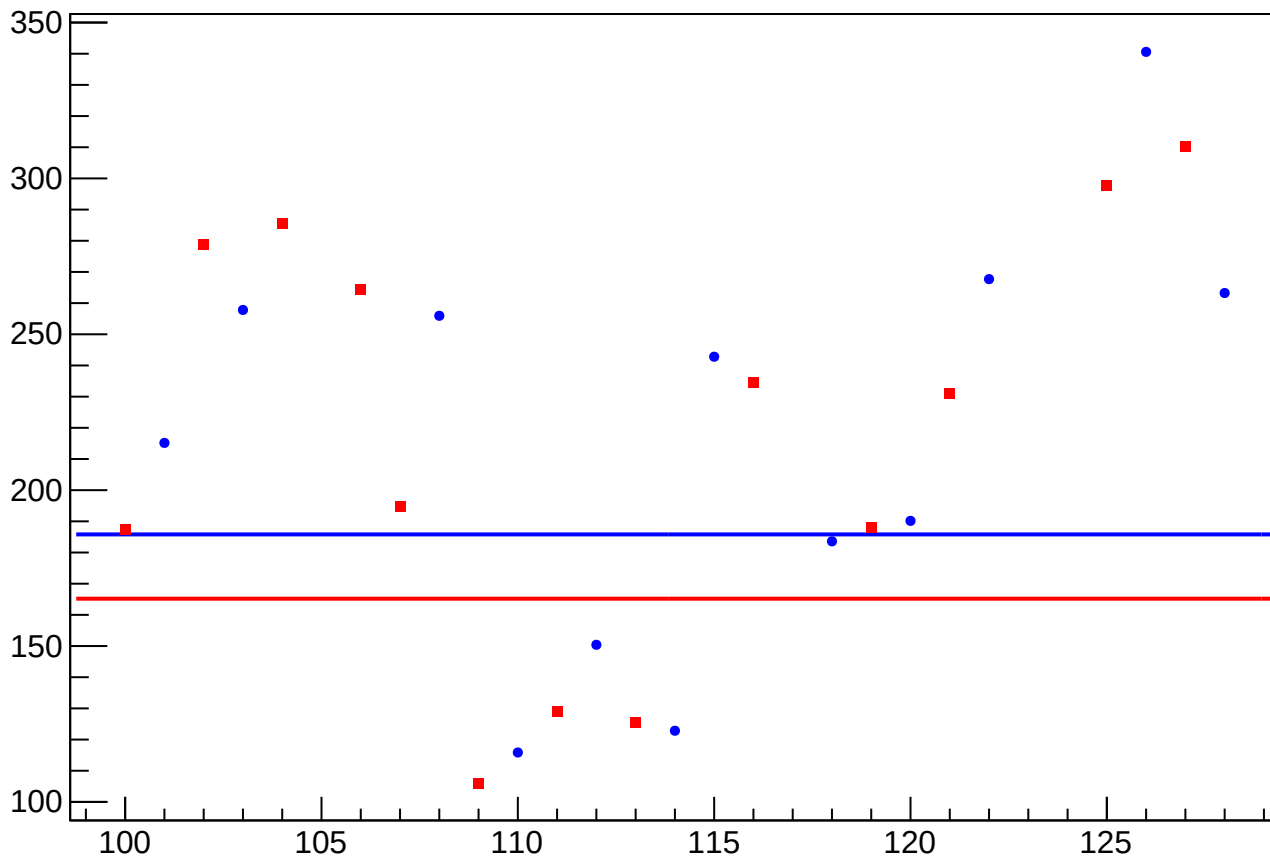
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.466+/-58.831 χ^2/NDF : 16.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_2an_us_an_ds_avg_rms vs Slug



Right In: 185.808 $\pm$ 0.063 χ^2 /NDF: 883569.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 165.194 $\pm$ 0.056 χ^2 /NDF: 1399260.3/12

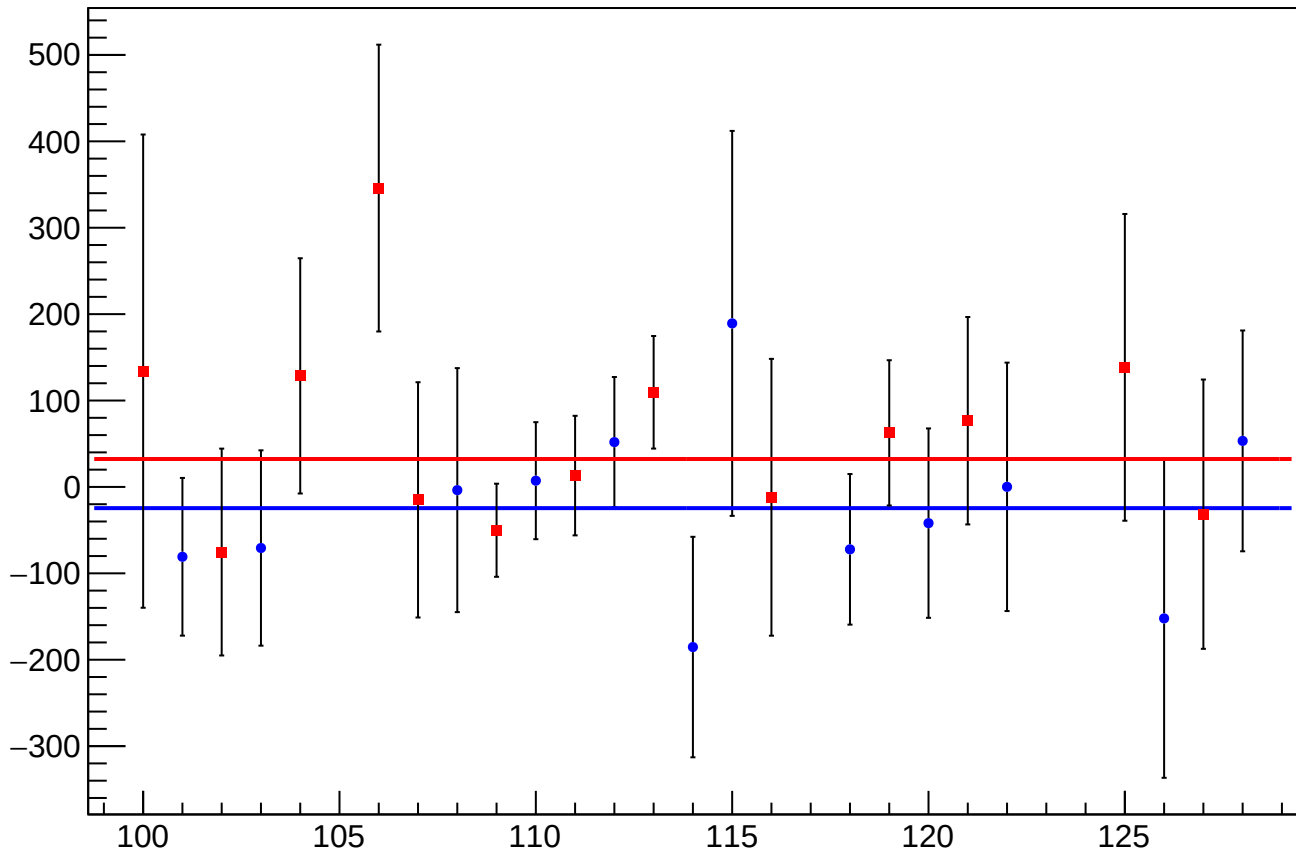
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 174.277 $\pm$ 0.042 χ^2 /NDF: 2343349.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_2an_us_an_ds_dd_mean vs Slug



Right In: -24.540 $\pm$ 30.455 χ^2 /NDF: 5.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 32.331 $\pm$ 27.328 χ^2 /NDF: 9.8/12

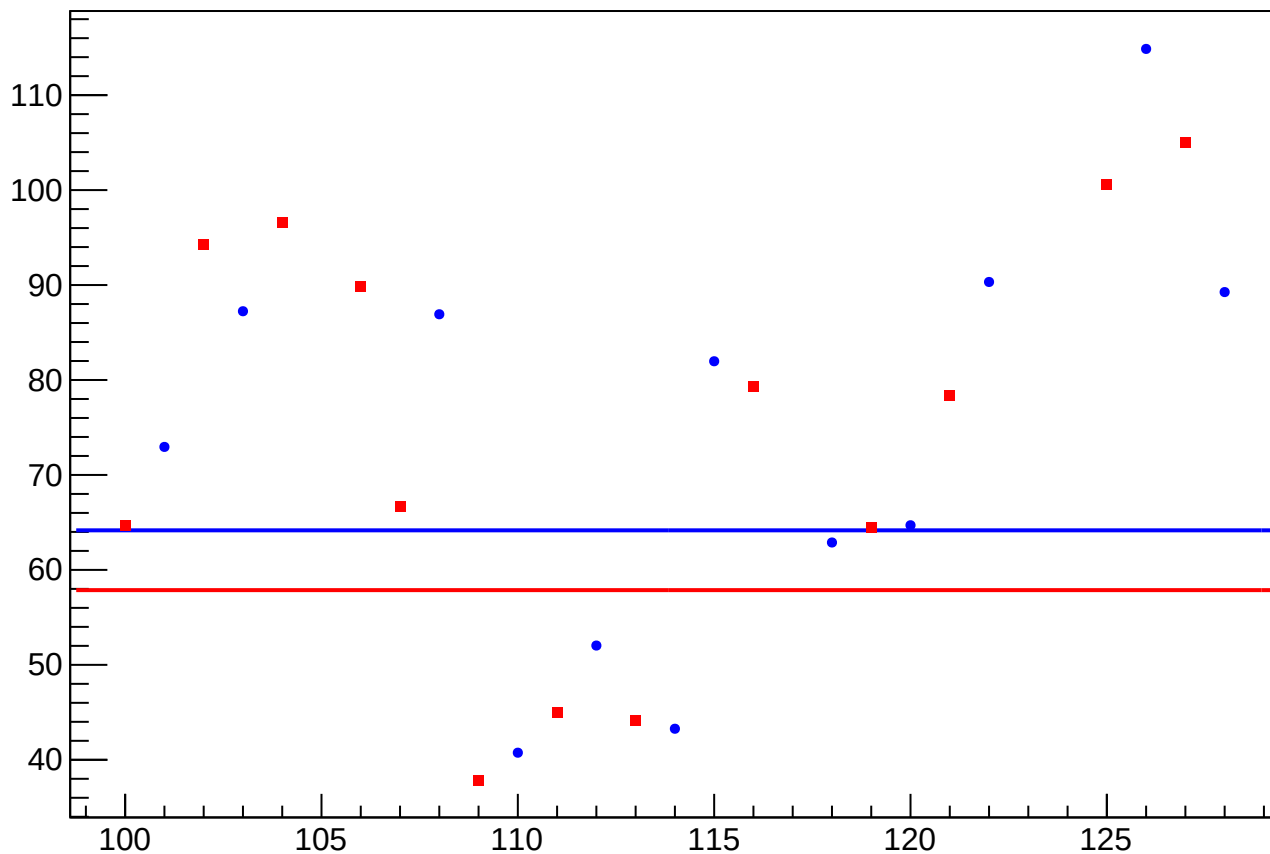
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.964 $\pm$ 20.340 χ^2 /NDF: 17.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_2an_us_an_ds_dd_rms vs Slug



Right In: 64.167 $\pm$ 0.022 χ^2 /NDF: 806078.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 57.869 $\pm$ 0.019 χ^2 /NDF: 1271635.2/12

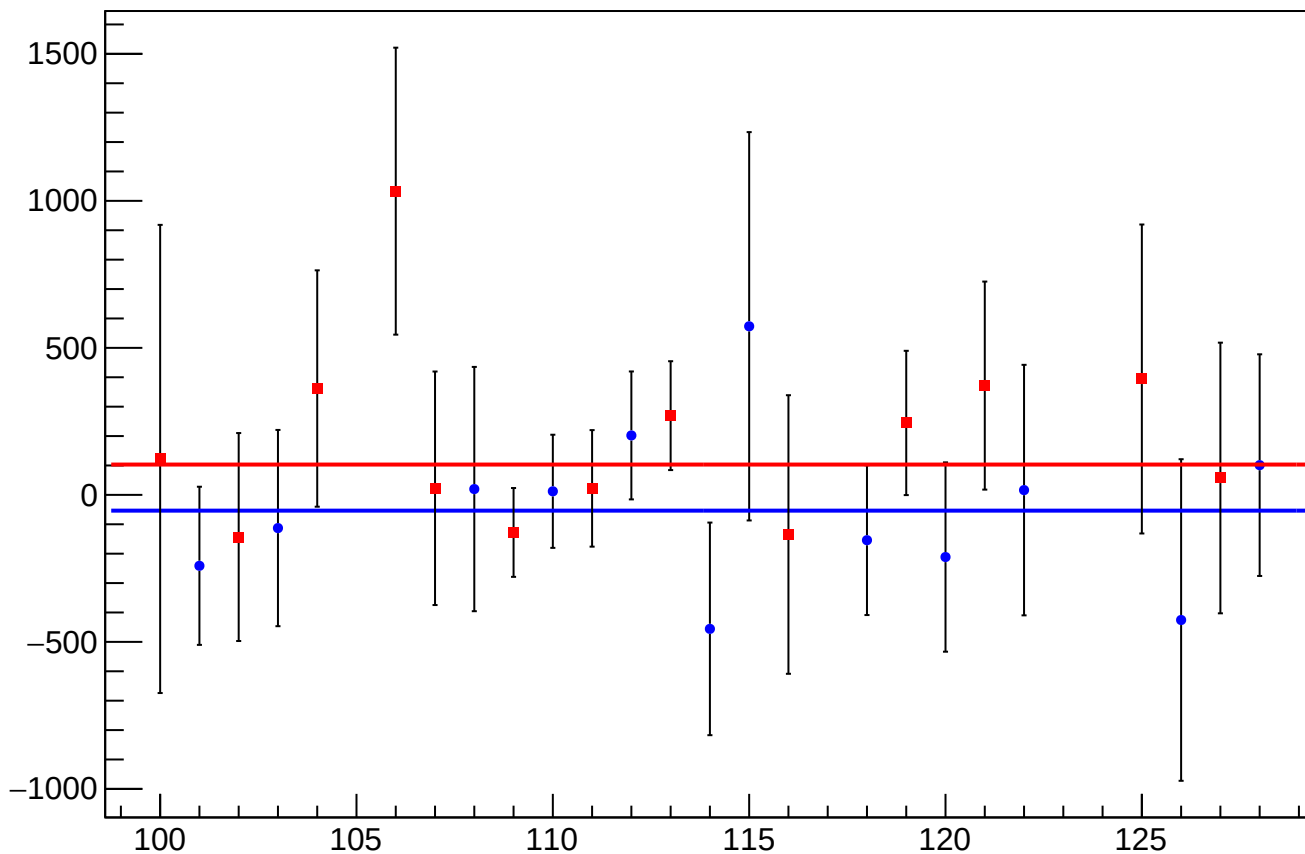
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 60.678 $\pm$ 0.014 χ^2 /NDF: 2125085.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_an_ds_avg_mean vs Slug



Right In: -53.622+/-88.515 χ^2/NDF : 5.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.111+/-78.530 χ^2/NDF : 9.4/12

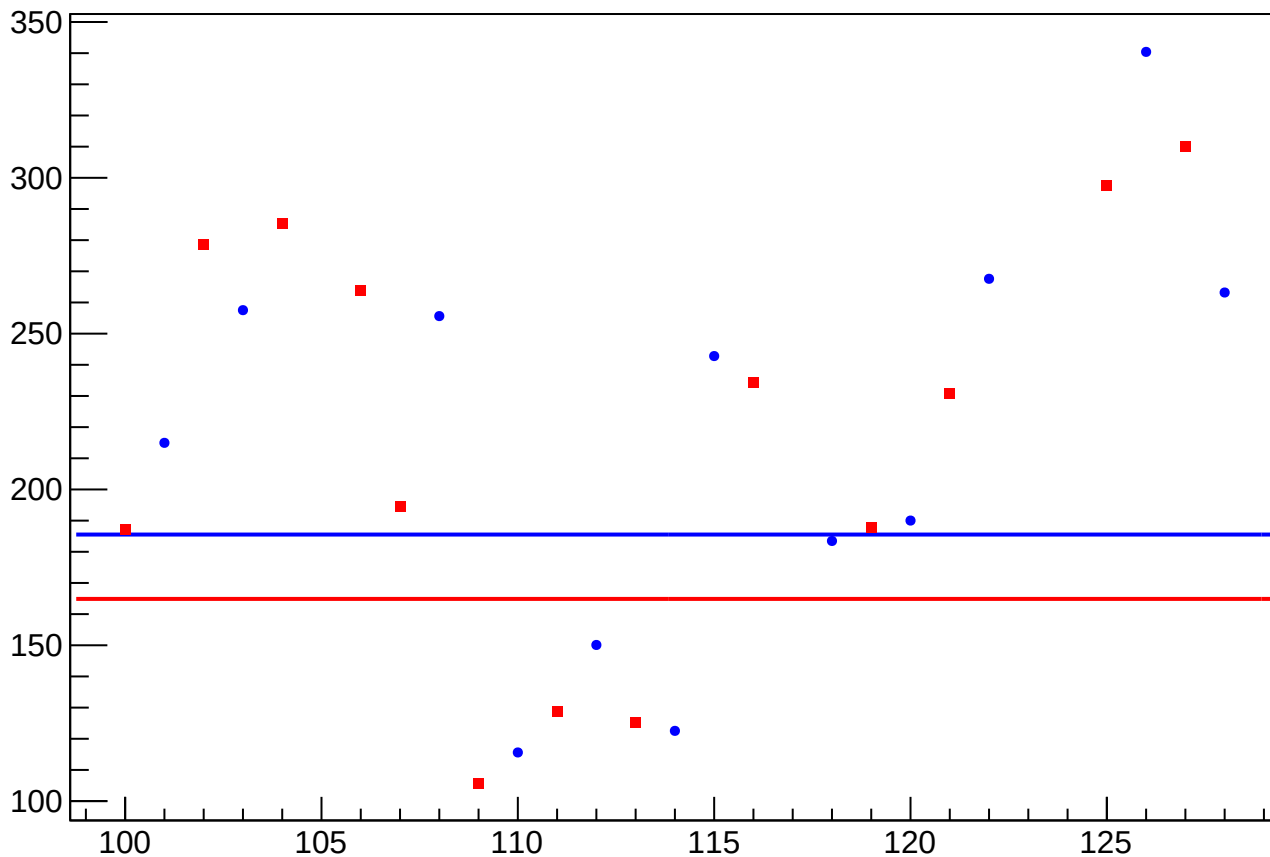
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.080+/-58.744 χ^2/NDF : 16.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds_avg_rms vs Slug



Right In: 185.532+/-0.063 χ^2/NDF : 886903.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 164.880+/-0.056 χ^2/NDF : 1403651.5/12

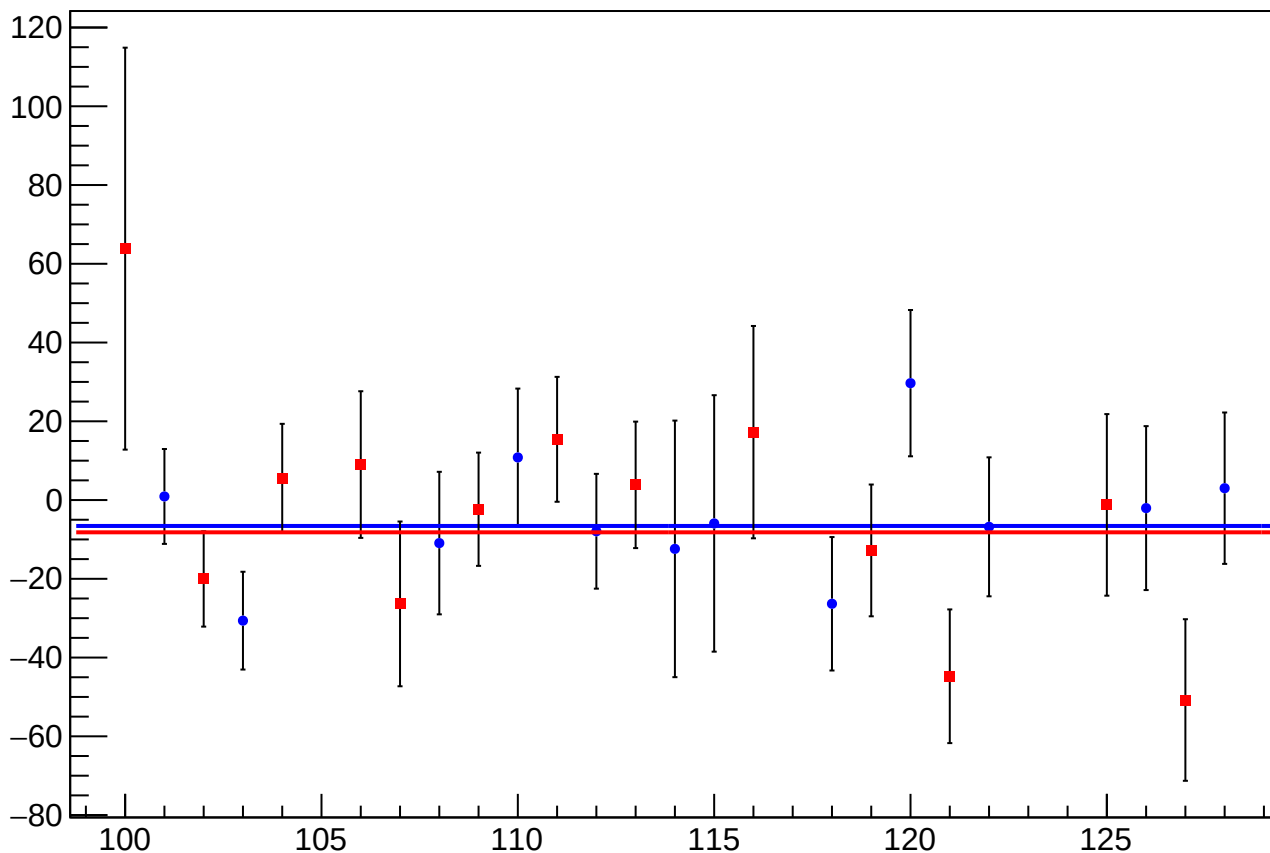
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.976+/-0.042 χ^2/NDF : 2351479.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds_dd_mean vs Slug



Right In: -6.578 $\pm$ 4.945 χ^2 /NDF: 10.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.195 $\pm$ 4.822 χ^2 /NDF: 18.5/12

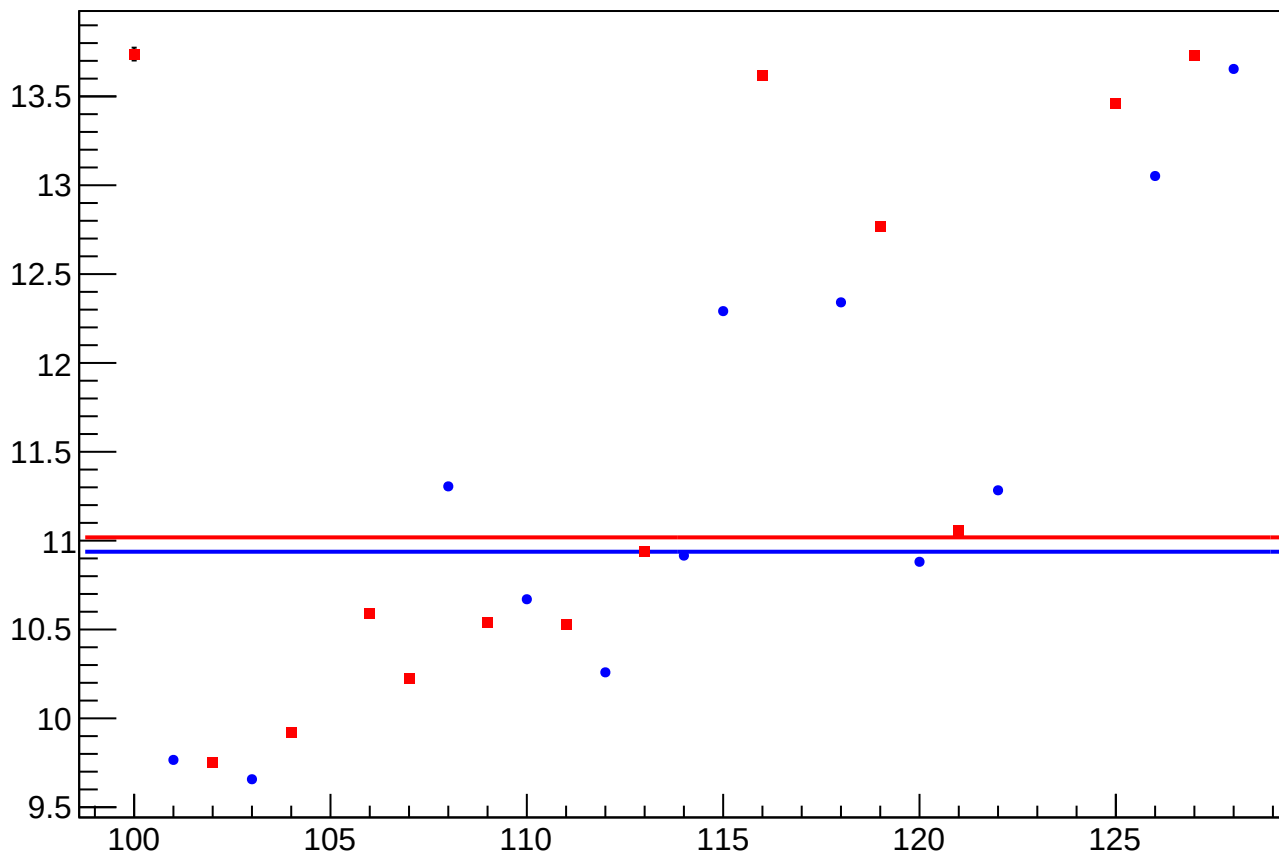
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -7.407 $\pm$ 3.452 χ^2 /NDF: 29.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_an_ds_dd_rms vs Slug



Right In: 10.938+/-0.003 χ^2/NDF : 124350.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.018+/-0.003 χ^2/NDF : 146256.1/12

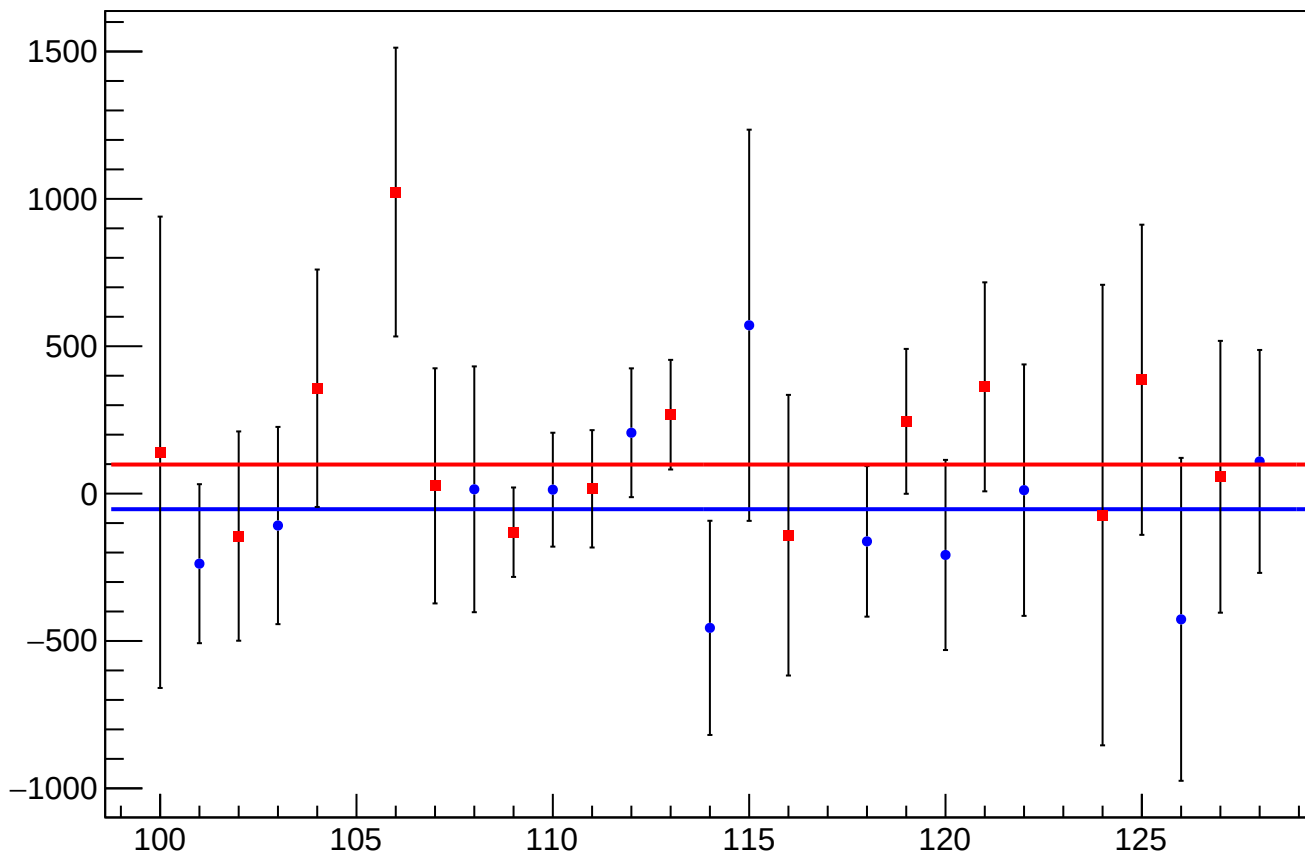
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.979+/-0.002 χ^2/NDF : 270879.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds3_avg_mean vs Slug



Right In: -52.905 ± 88.823 χ^2/NDF : 5.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 98.624 ± 78.430 χ^2/NDF : 9.3/13

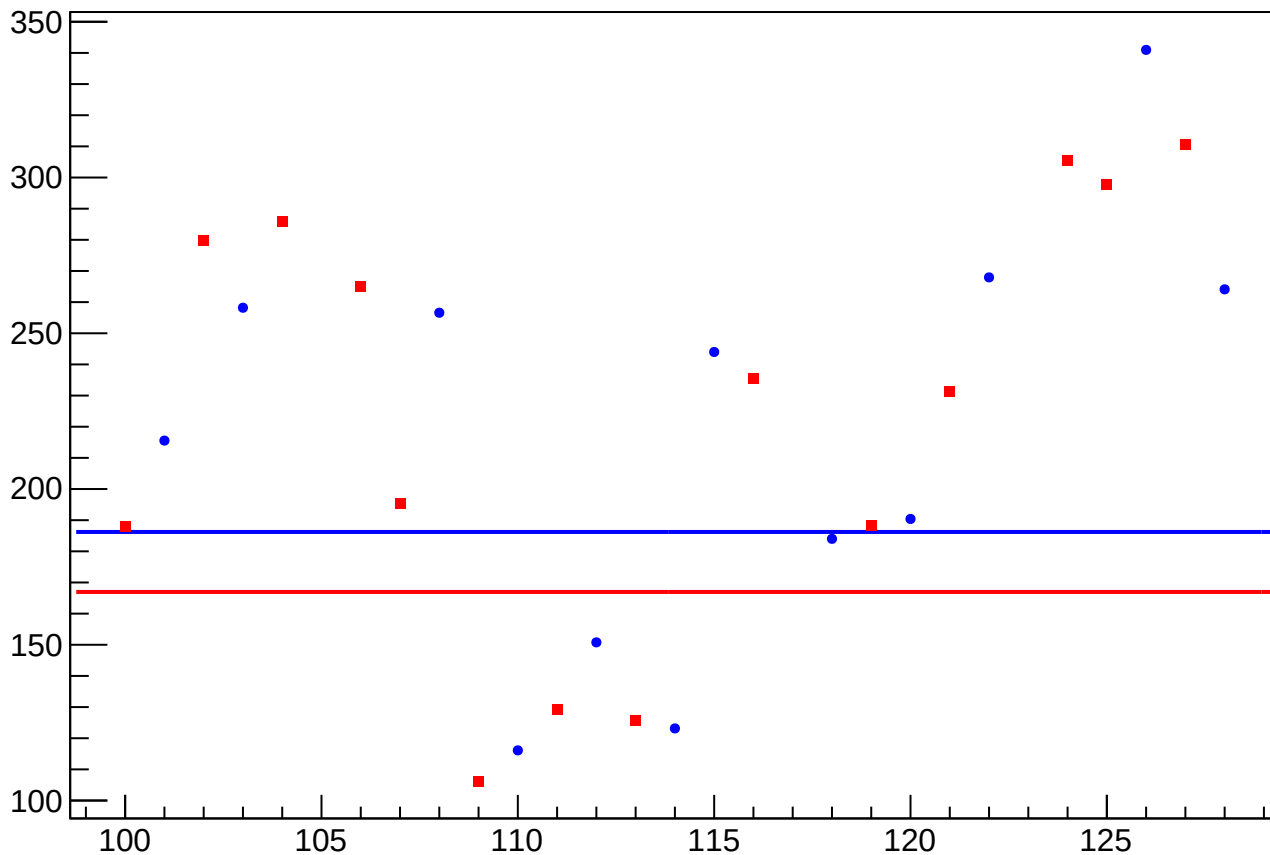
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 32.239 ± 58.791 χ^2/NDF : 16.2/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds3_avg_rms vs Slug



Right In: 186.220+/-0.063 χ^2/NDF : 882841.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 166.961+/-0.055 χ^2/NDF : 1461917.1/13

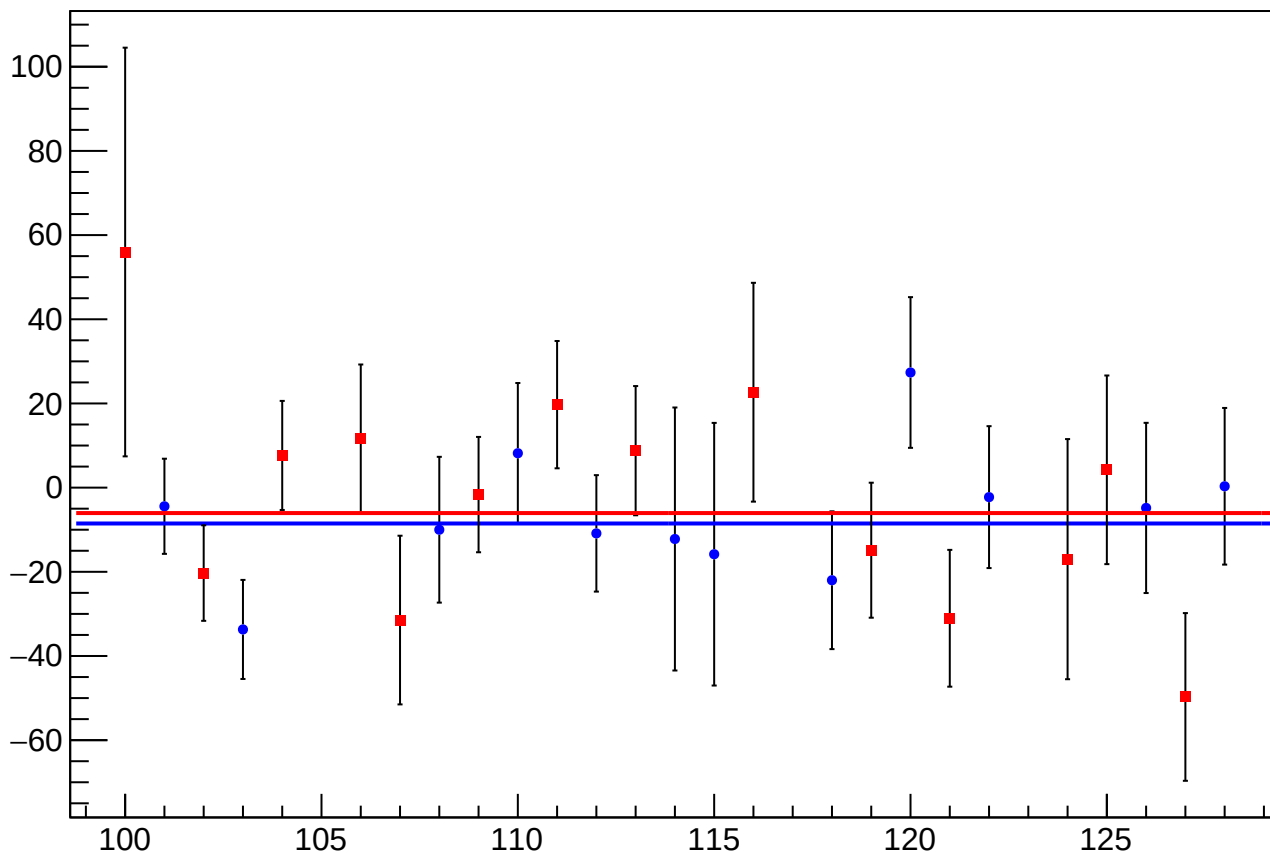
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.398+/-0.042 χ^2/NDF : 2397588.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds3_dd_mean vs Slug



Right In: -8.520 $\pm$ 4.716 χ^2 /NDF: 10.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -6.041 $\pm$ 4.532 χ^2 /NDF: 19.9/13

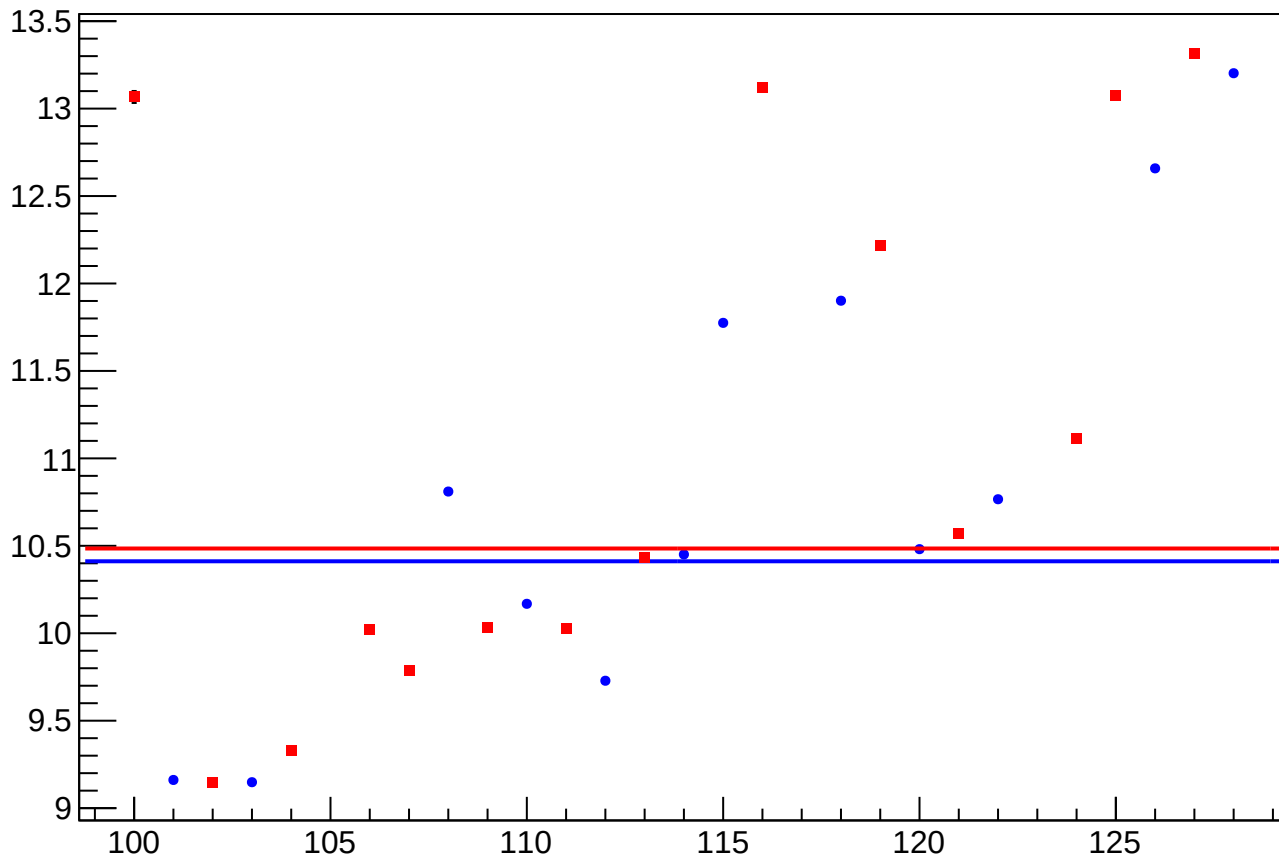
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -7.231 $\pm$ 3.268 χ^2 /NDF: 31.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_an_ds3_dd_rms vs Slug



Right In: 10.412+/-0.003 χ^2/NDF : 144870.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.485+/-0.003 χ^2/NDF : 169216.2/13

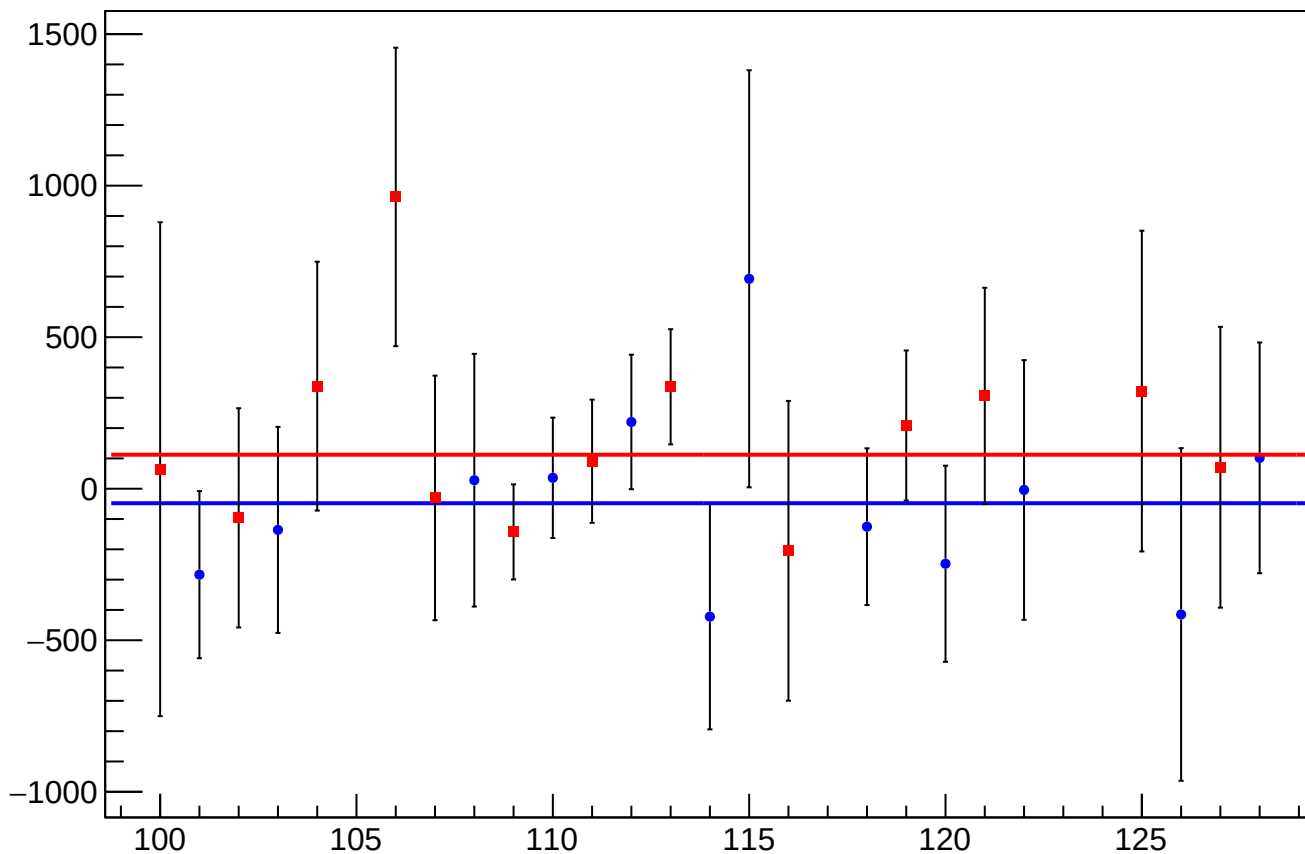
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.450+/-0.002 χ^2/NDF : 314336.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_dg_ds_avg_mean vs Slug



Right In: -47.893+/-90.266 χ^2/NDF : 5.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.197+/-80.491 χ^2/NDF : 8.8/12

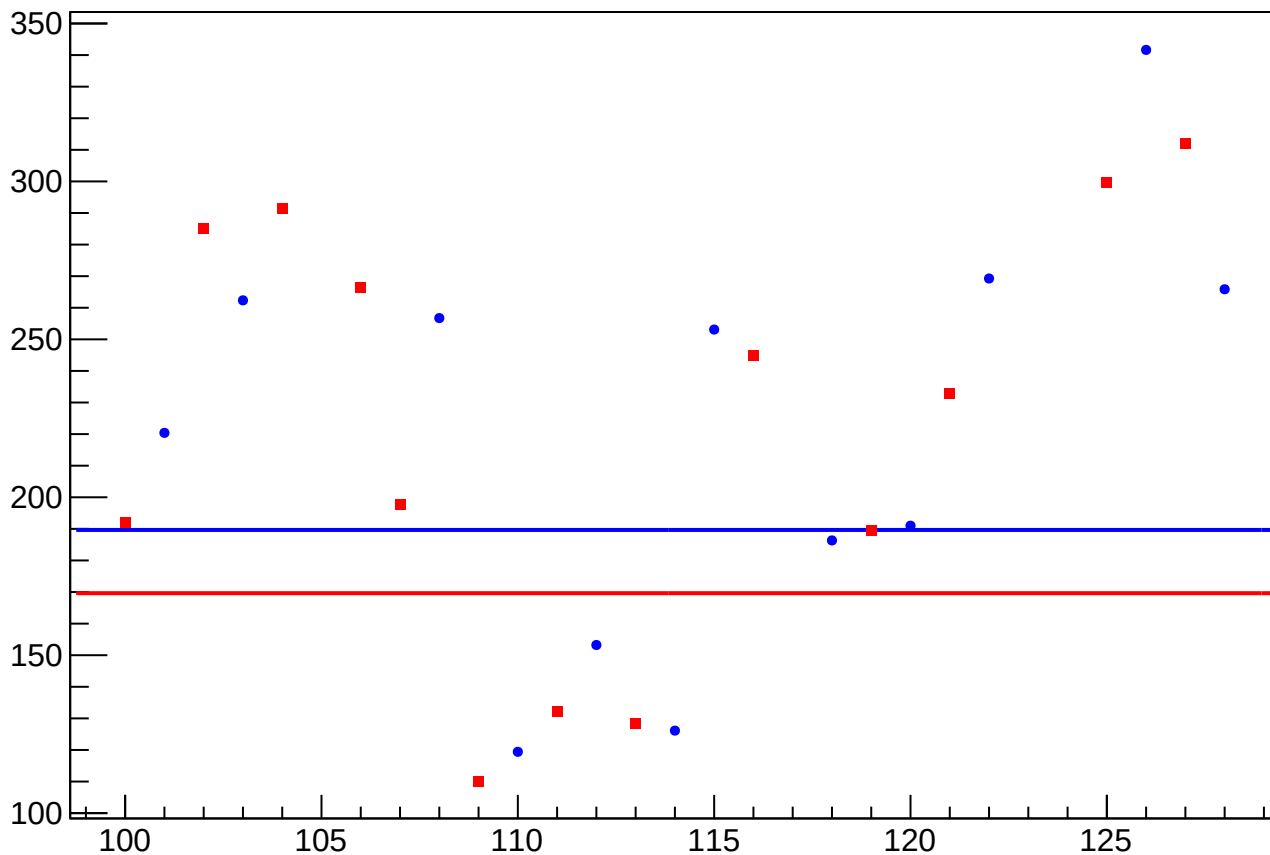
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.286+/-60.075 χ^2/NDF : 16.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_dg_ds_avg_rms vs Slug



Right In: 189.661+/-0.064 χ^2/NDF : 850383.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.639+/-0.057 χ^2/NDF : 1350095.0/12

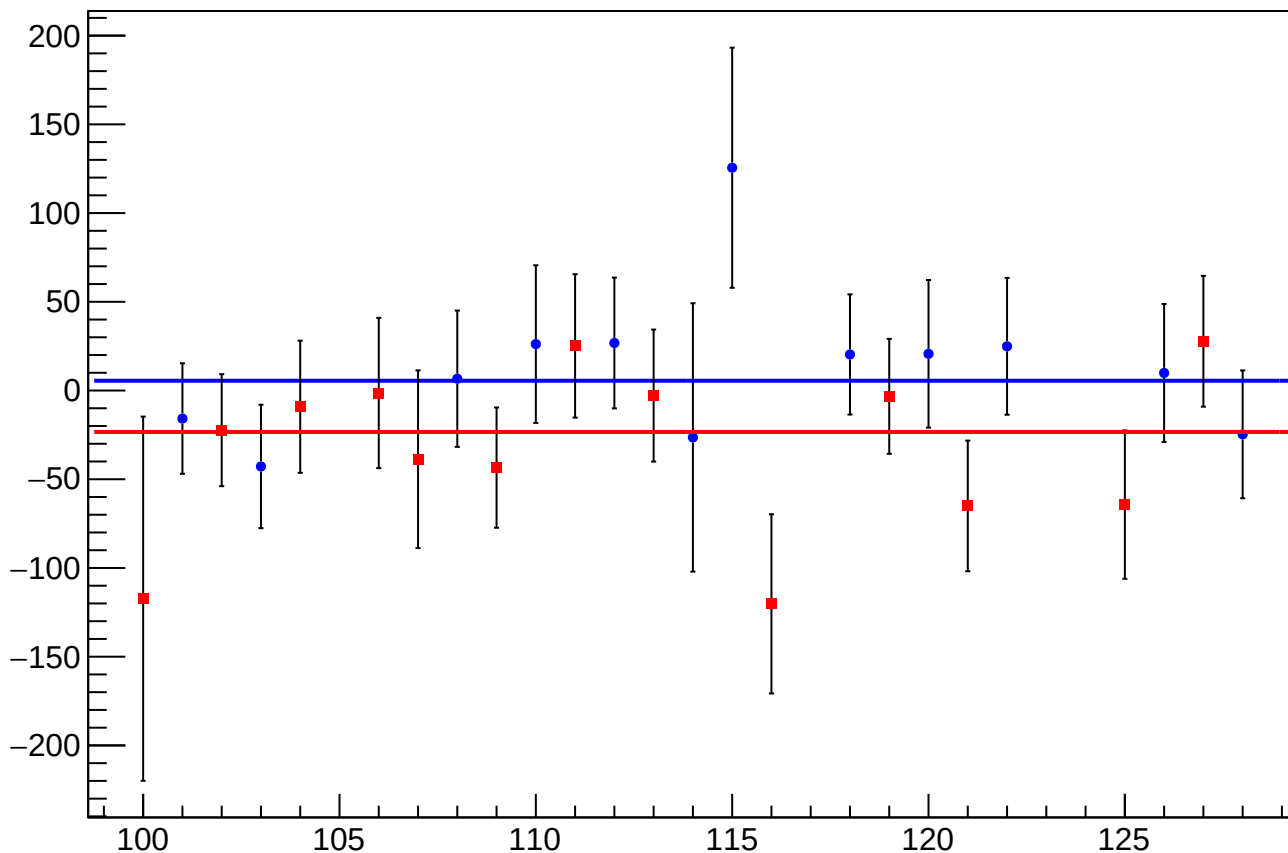
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.507+/-0.042 χ^2/NDF : 2255295.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_dg_ds_dd_mean vs Slug



Right In: 5.516+/-11.378 χ^2 /NDF: 7.6/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -23.347+/-10.928 χ^2 /NDF: 11.7/12

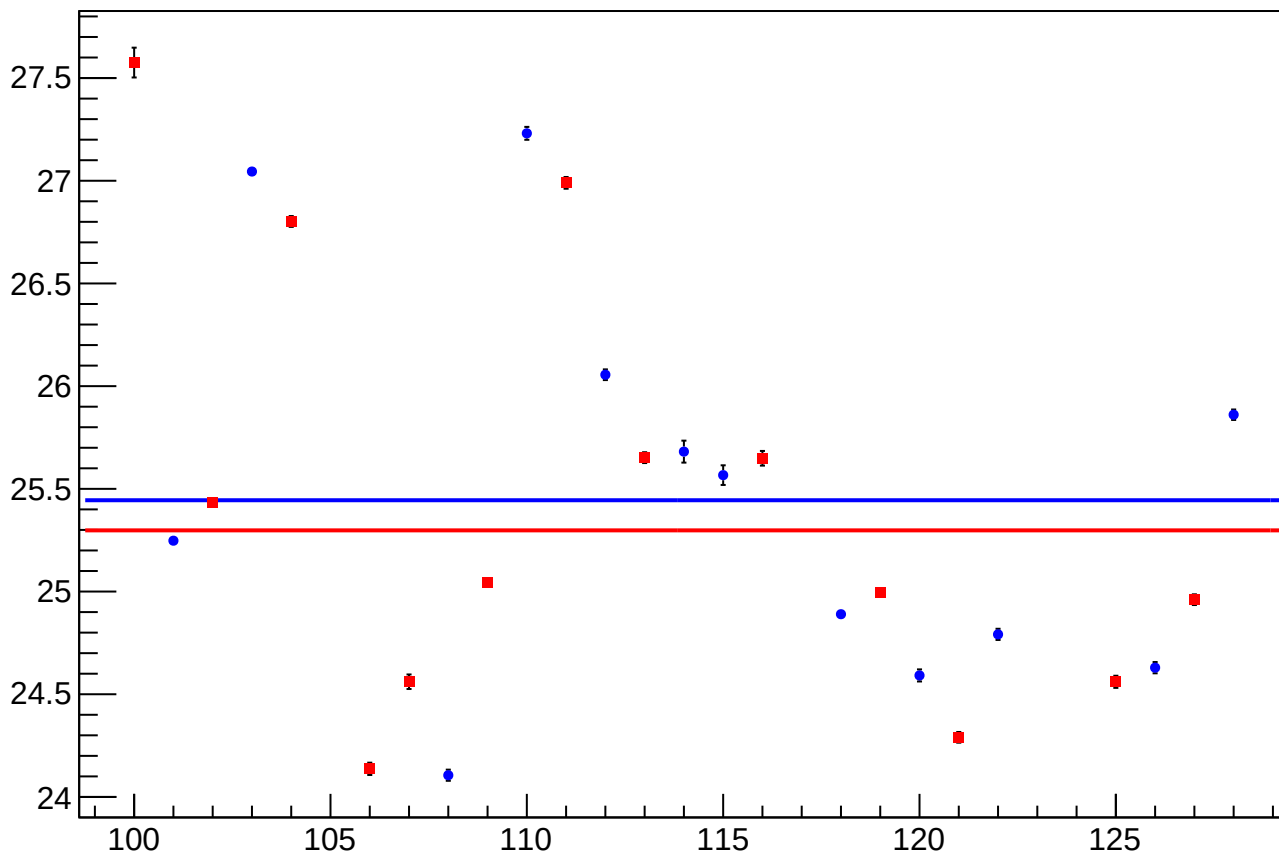
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -9.497+/-7.882 χ^2 /NDF: 22.6/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_dg_ds_dd_rms vs Slug



Right In: 25.445 $\pm$ 0.008 χ^2 /NDF: 13646.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.298 $\pm$ 0.008 χ^2 /NDF: 12577.7/12

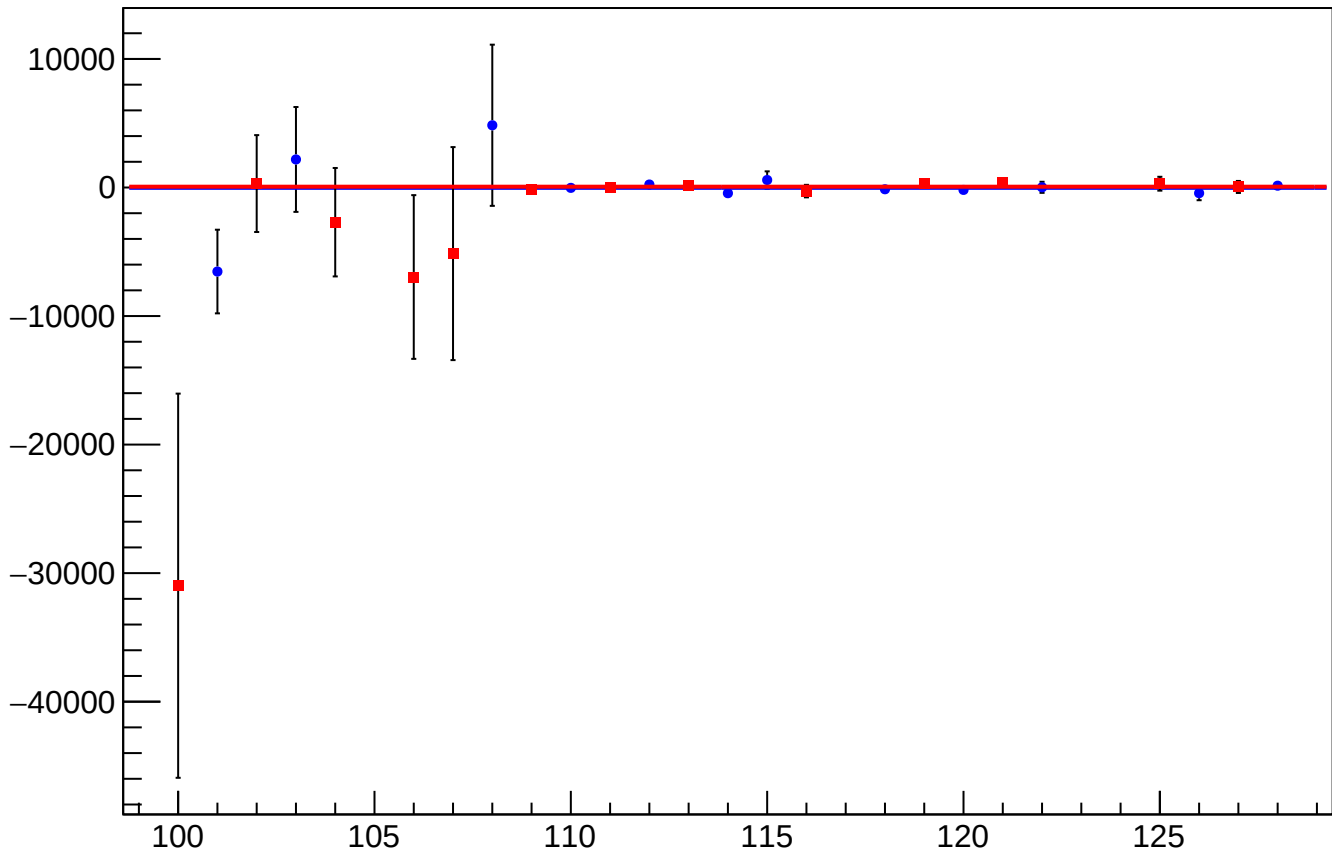
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.368 $\pm$ 0.006 χ^2 /NDF: 26397.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_an_ds_avg_mean vs Slug



Right In: -25.155+/-101.461 χ^2/NDF : 9.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.683+/-94.086 χ^2/NDF : 10.4/12

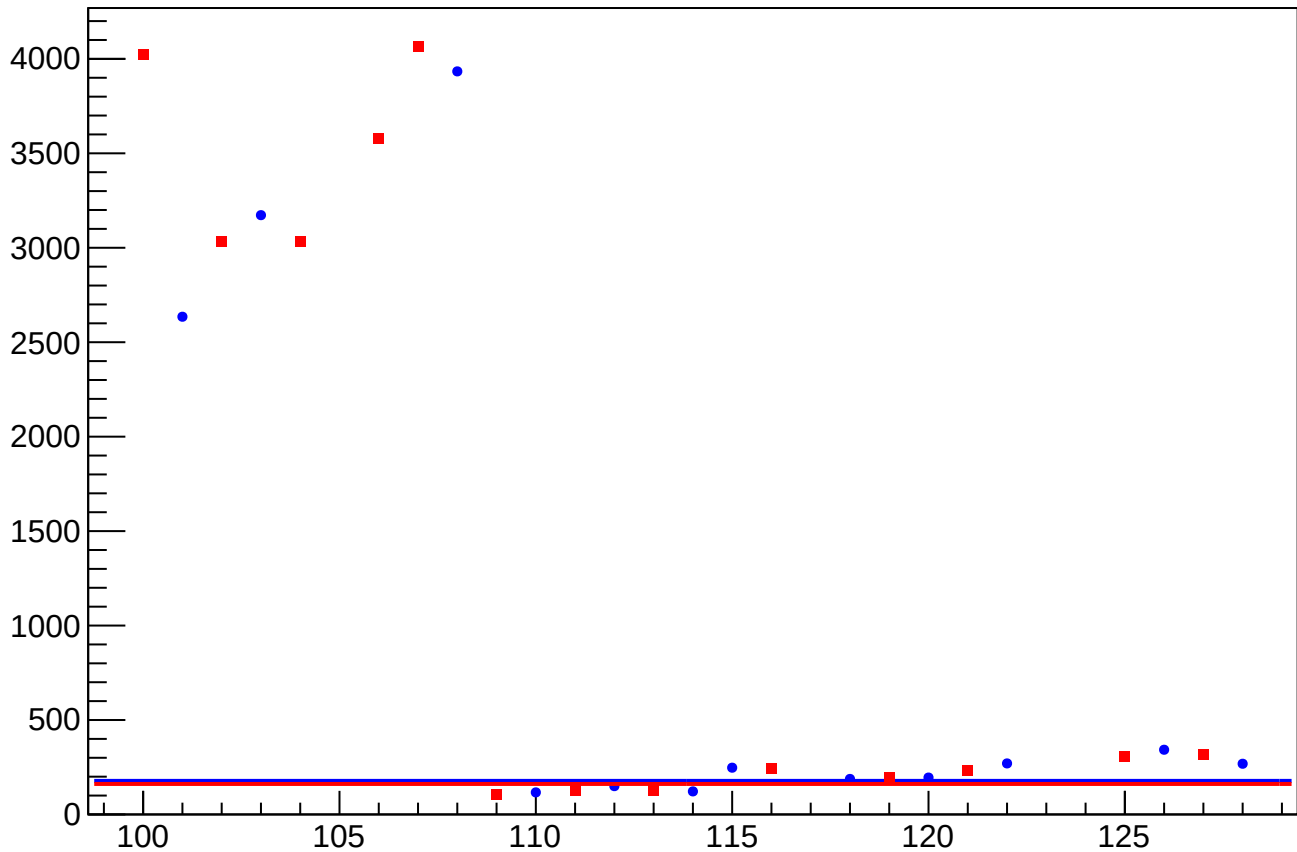
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.072+/-68.989 χ^2/NDF : 20.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_an_ds_avg_rms vs Slug



Right In: 177.703+/-0.072 χ^2/NDF : 3627275.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.528+/-0.067 χ^2/NDF : 4039635.7/12

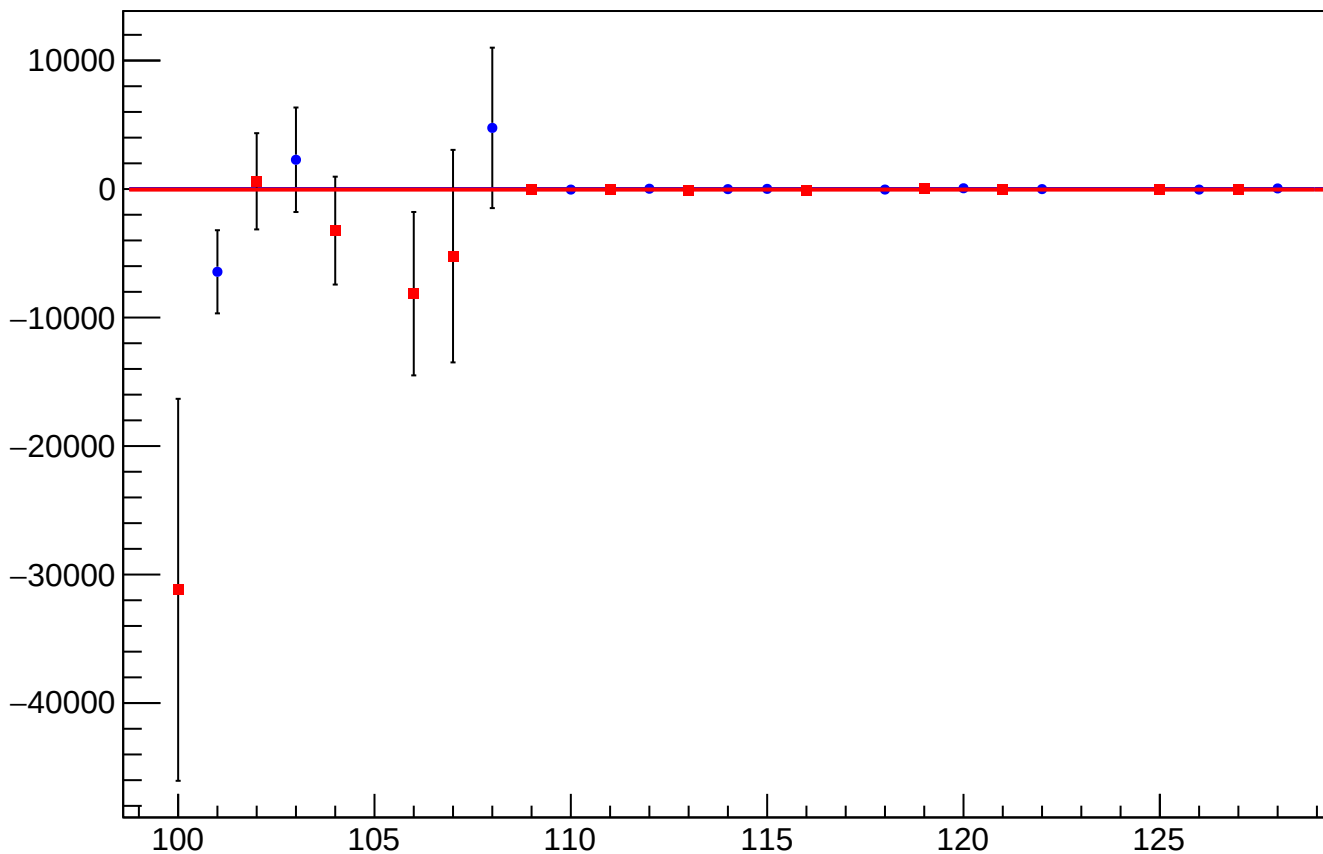
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.006+/-0.049 χ^2/NDF : 7694241.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_an_ds_dd_mean vs Slug



Right In: -0.686 ± 15.187 χ^2/NDF : 11.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -41.999 ± 15.505 χ^2/NDF : 16.5/12

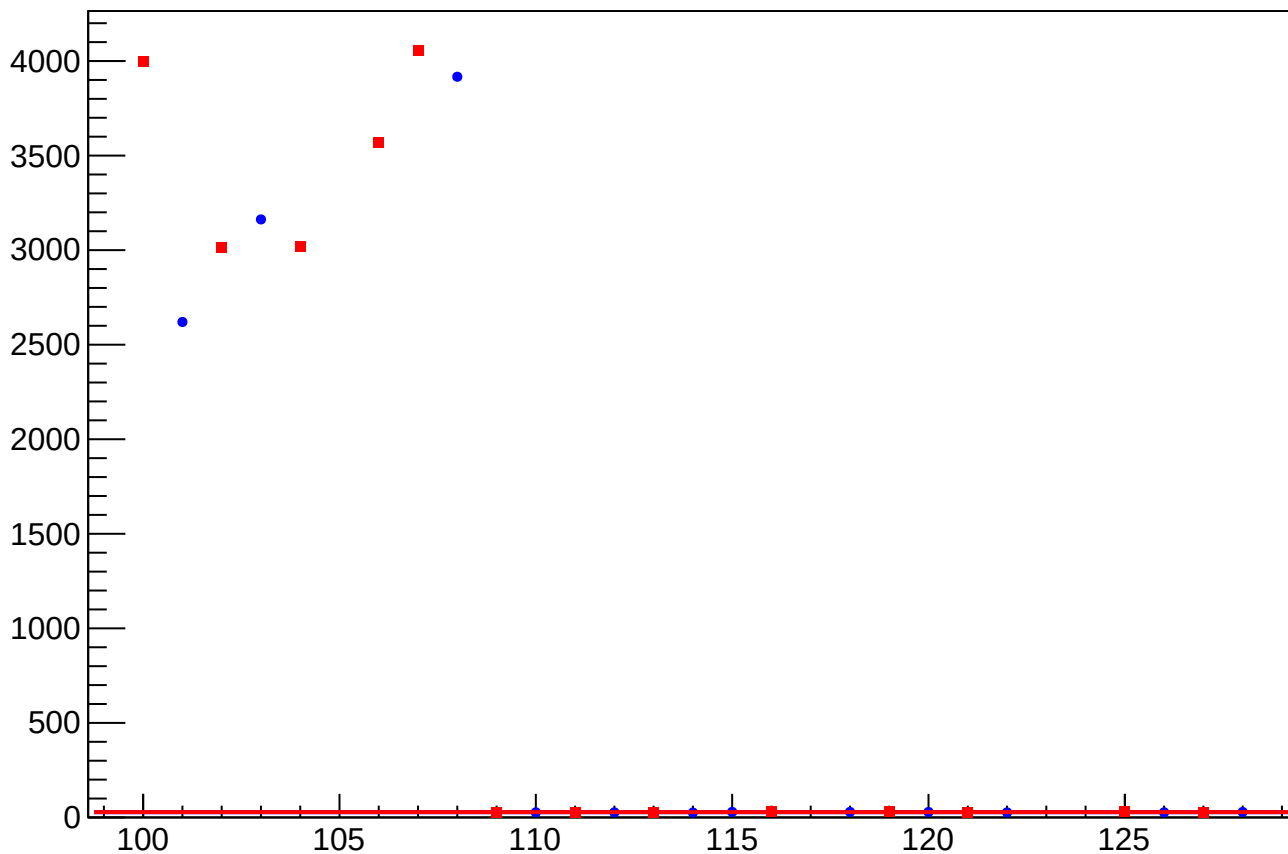
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.914 ± 10.850 χ^2/NDF : 31.3/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_an_ds_dd_rms vs Slug



Right In: 27.884+/-0.011 χ^2/NDF : 3261077.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.165+/-0.011 χ^2/NDF : 3553652.2/12

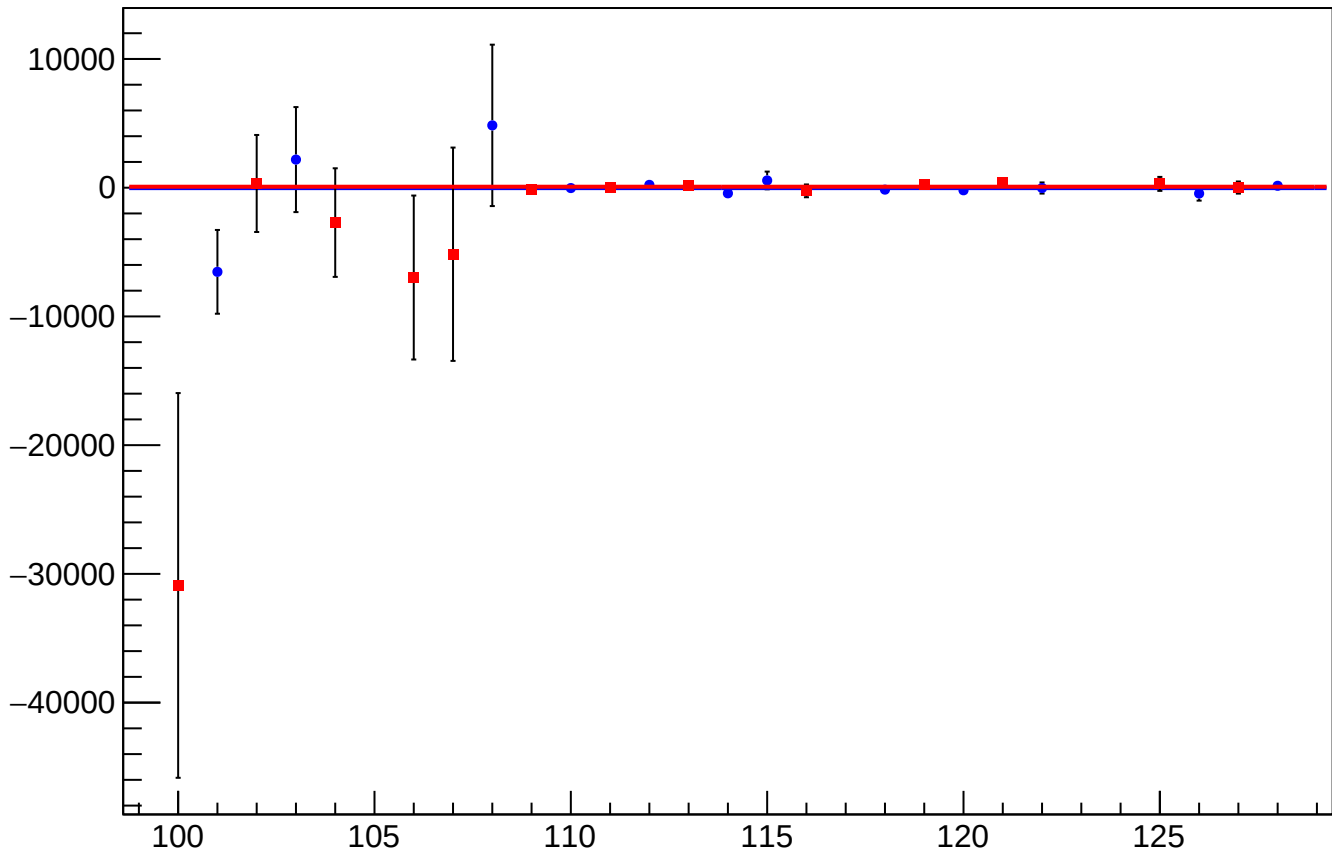
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.022+/-0.008 χ^2/NDF : 6815066.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_dg_ds_avg_mean vs Slug



Right In: -32.813 $\pm$ 102.284 χ^2 /NDF: 9.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 75.712 $\pm$ 94.951 χ^2 /NDF: 10.1/12

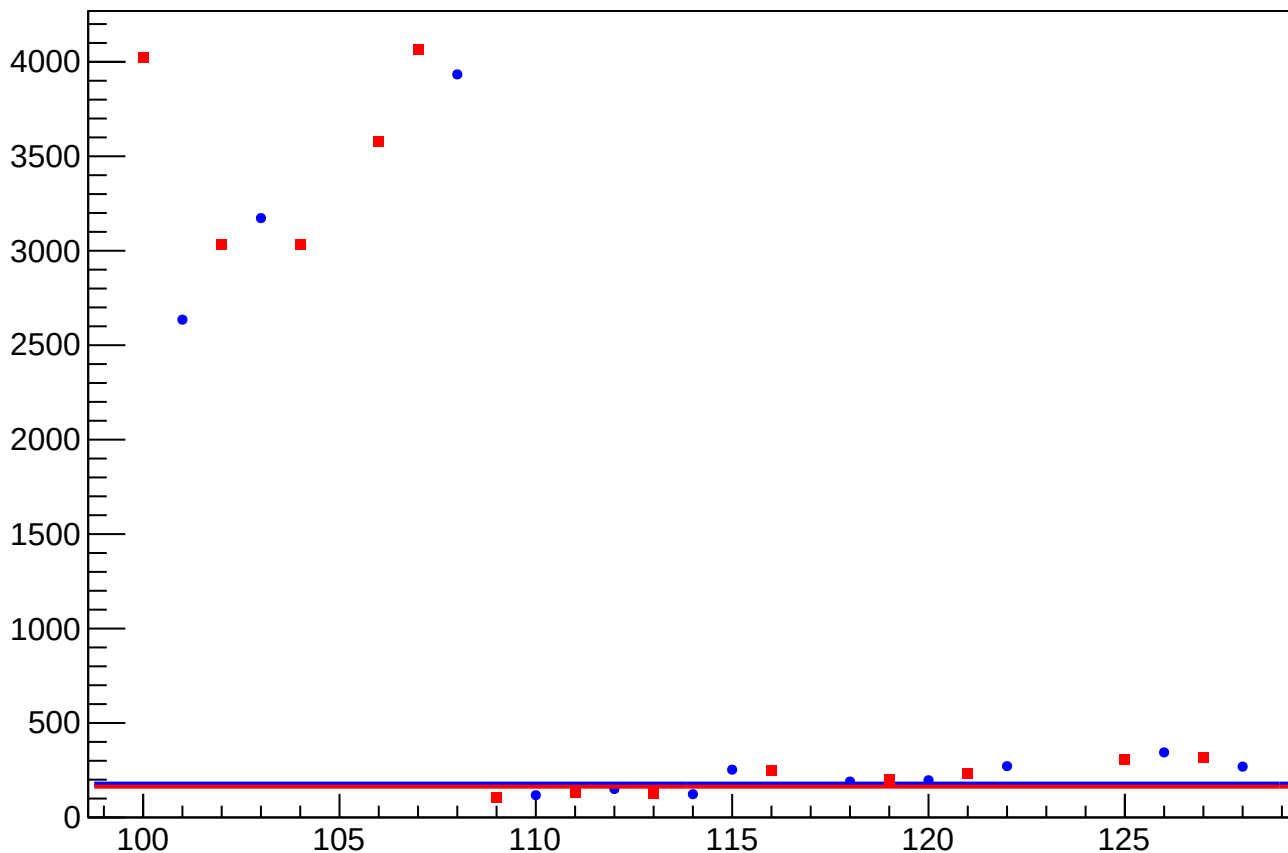
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.479 $\pm$ 69.588 χ^2 /NDF: 20.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_dg_ds_avg_rms vs Slug



Right In: 179.249+/-0.072 χ^2/NDF : 3620449.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 163.120+/-0.067 χ^2/NDF : 4035395.6/12

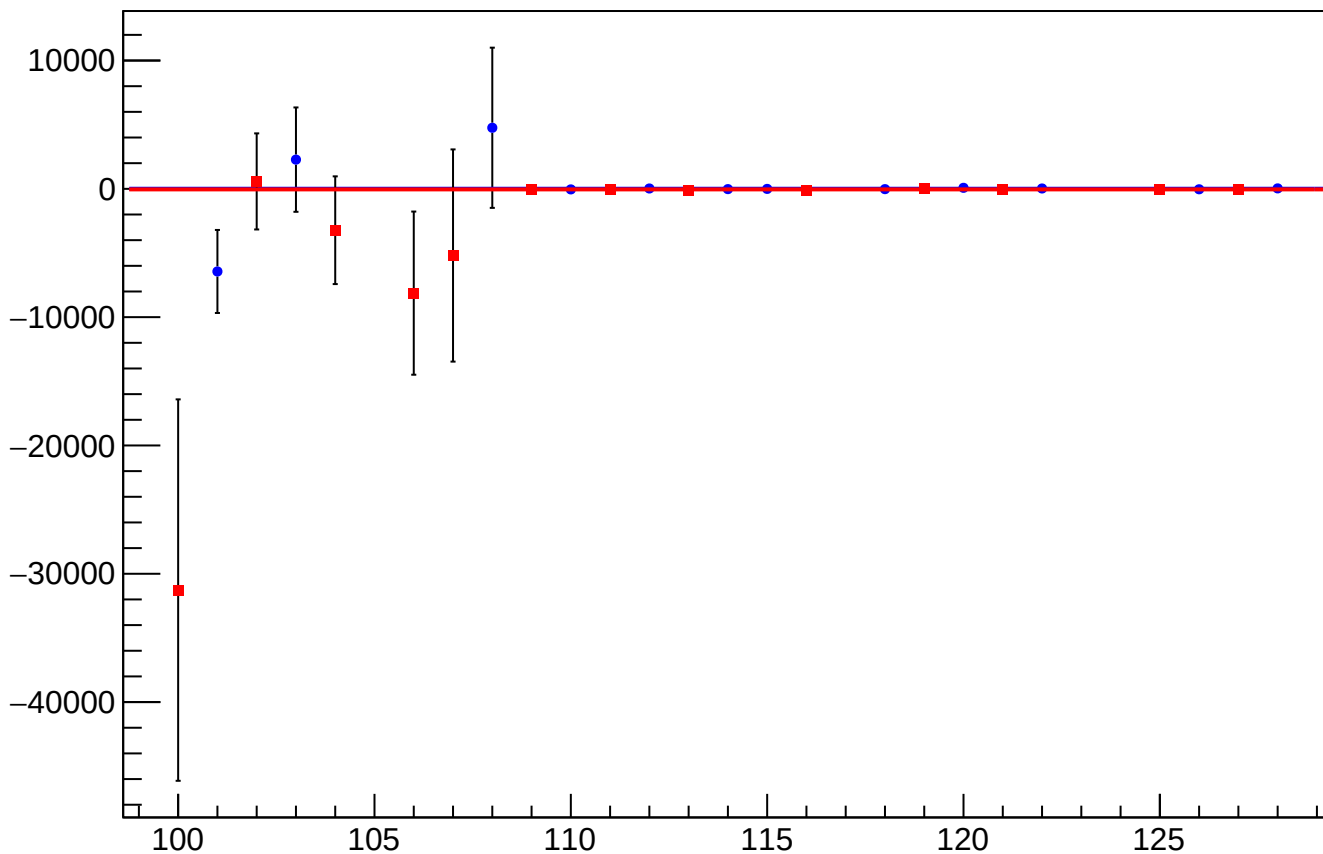
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.586+/-0.049 χ^2/NDF : 7682558.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_dg_ds_dd_mean vs Slug



Right In: 7.095+/-16.900 χ^2 /NDF: 9.9/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -42.886+/-17.194 χ^2 /NDF: 20.0/12

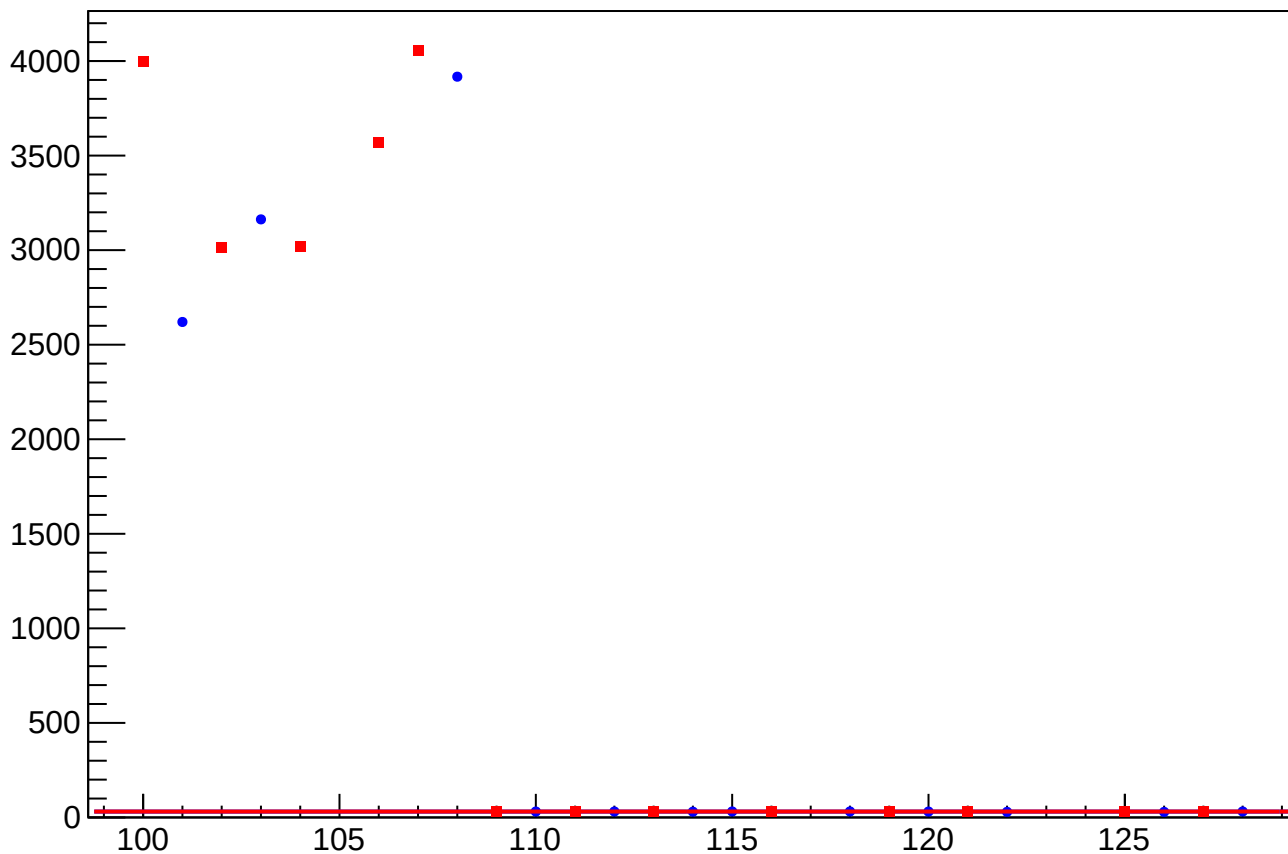
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -17.465+/-12.053 χ^2 /NDF: 34.3/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_dg_ds_dd_rms vs Slug



Right In: 31.075+/-0.012 χ^2/NDF : 3247851.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.302+/-0.012 χ^2/NDF : 3529793.1/12

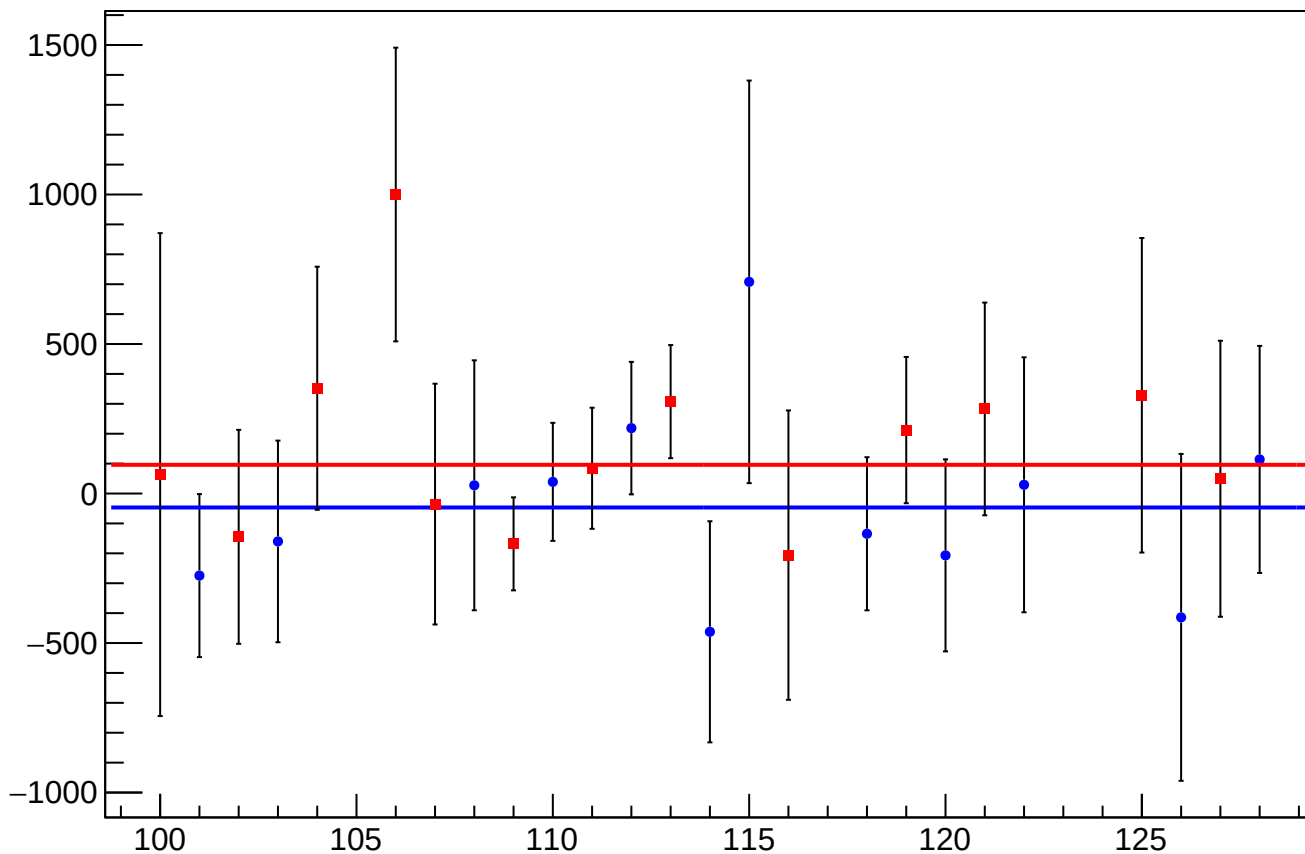
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.187+/-0.009 χ^2/NDF : 6777821.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_us_avg_mean vs Slug



Right In: -46.676 $\pm$ 89.696 χ^2 /NDF: 6.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 96.012 $\pm$ 79.913 χ^2 /NDF: 9.6/12

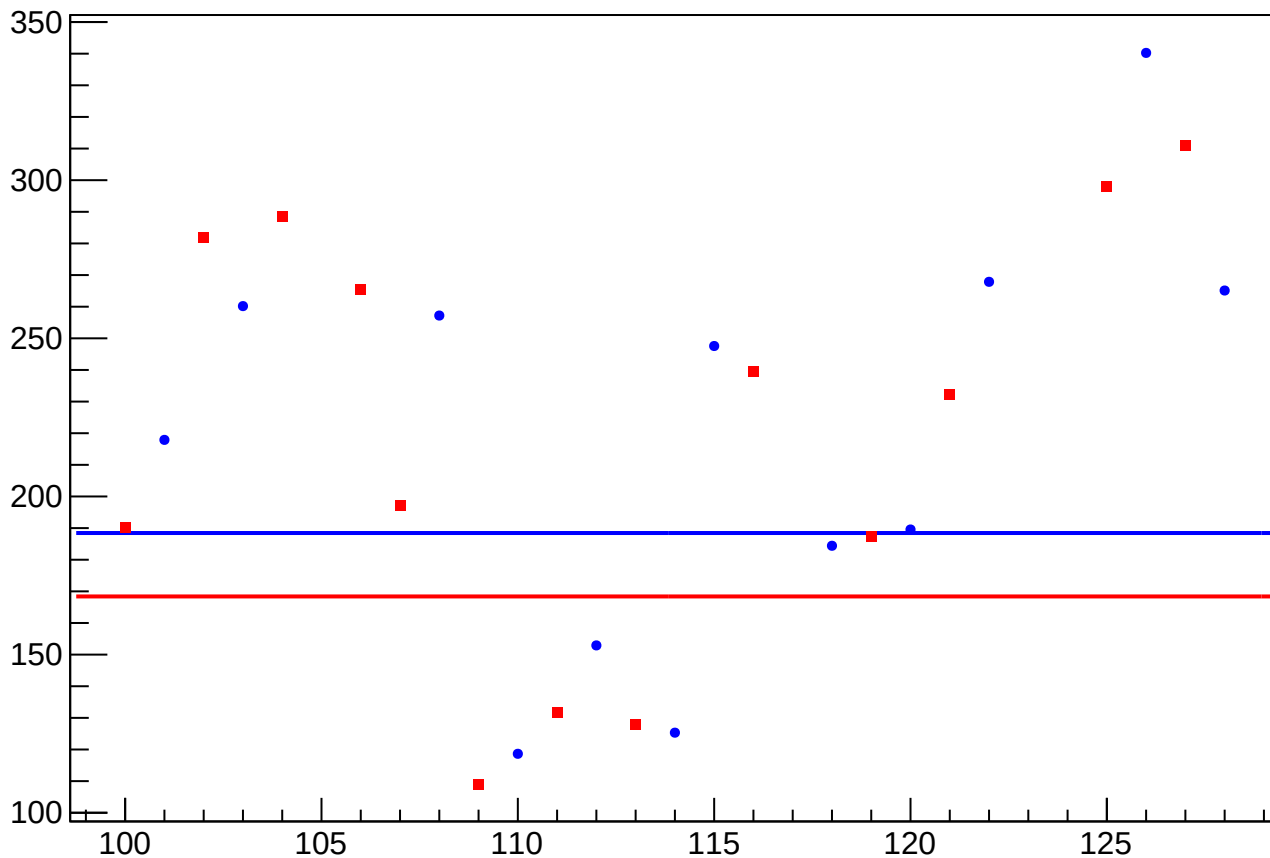
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.871 $\pm$ 59.667 χ^2 /NDF: 17.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_an_us_avg_rms vs Slug



Right In: 188.445+/-0.063 χ^2/NDF : 849148.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.390+/-0.057 χ^2/NDF : 1346673.8/12

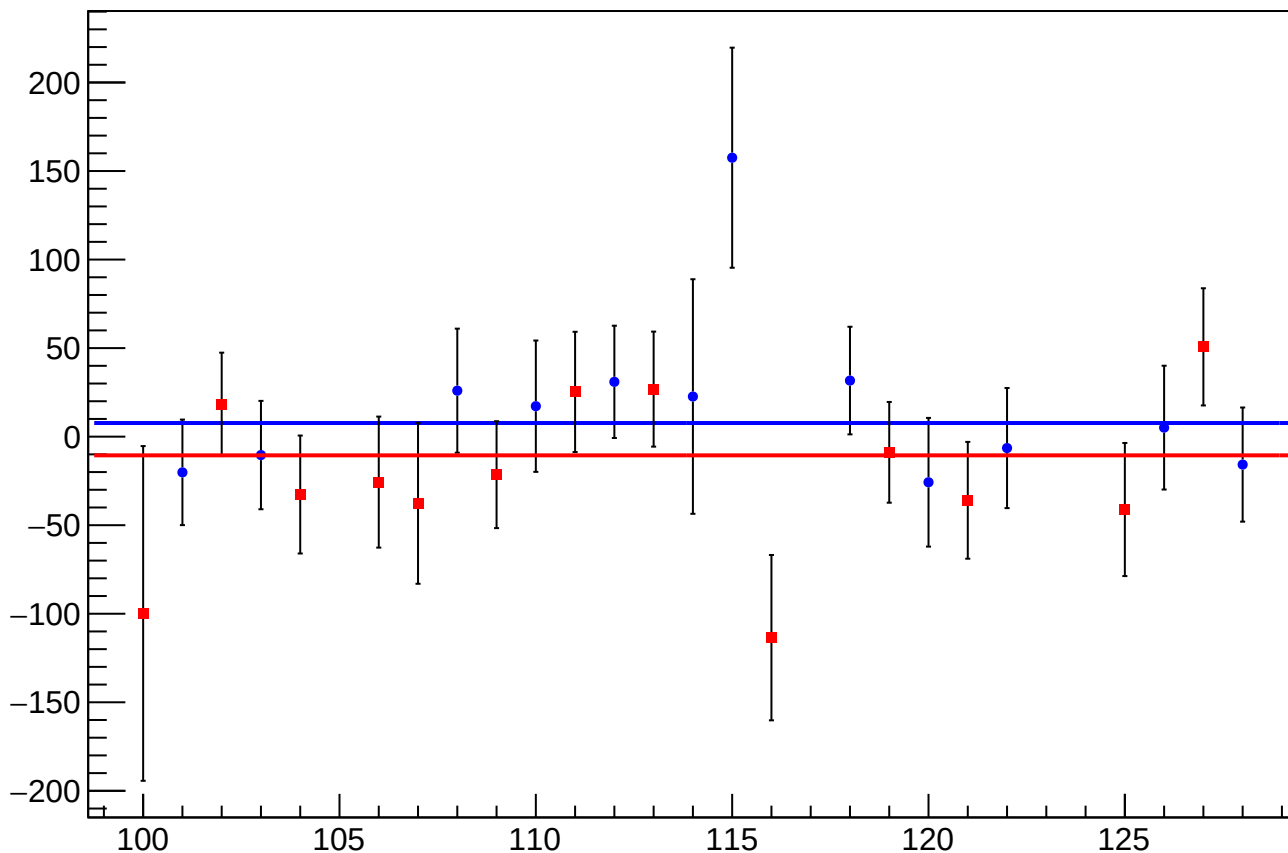
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.265+/-0.042 χ^2/NDF : 2251558.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_us_dd_mean vs Slug



Right In: 7.703 $\pm$ 10.148 χ^2 /NDF: 10.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -10.549 $\pm$ 9.736 χ^2 /NDF: 14.9/12

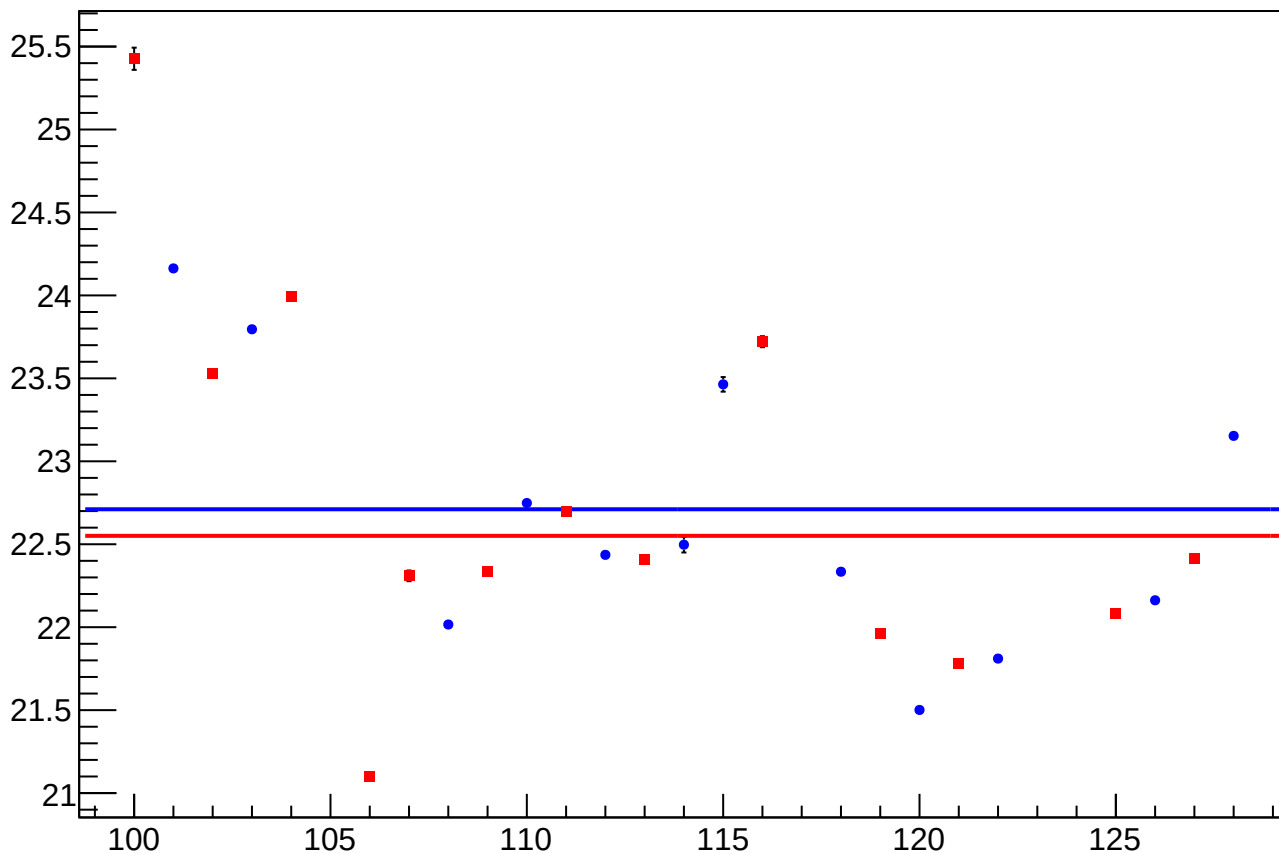
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.801 $\pm$ 7.025 χ^2 /NDF: 26.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_an_us_dd_rms vs Slug



Right In: 22.711+/-0.007 χ^2/NDF : 13319.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.551+/-0.007 χ^2/NDF : 14696.6/12

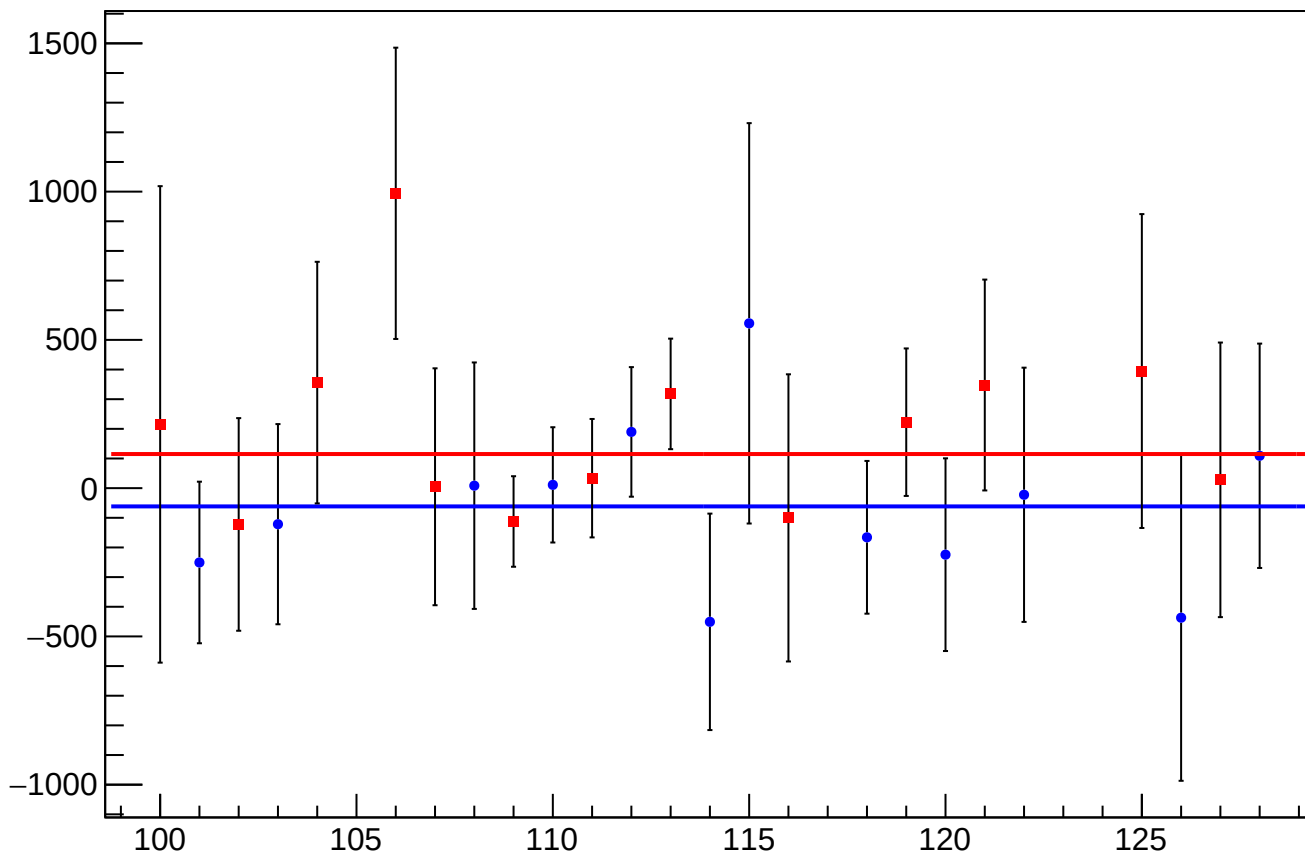
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.627+/-0.005 χ^2/NDF : 28275.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_us_avg_mean vs Slug



Right In: -61.563+/-89.287 χ^2/NDF : 5.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.038+/-79.277 χ^2/NDF : 8.8/12

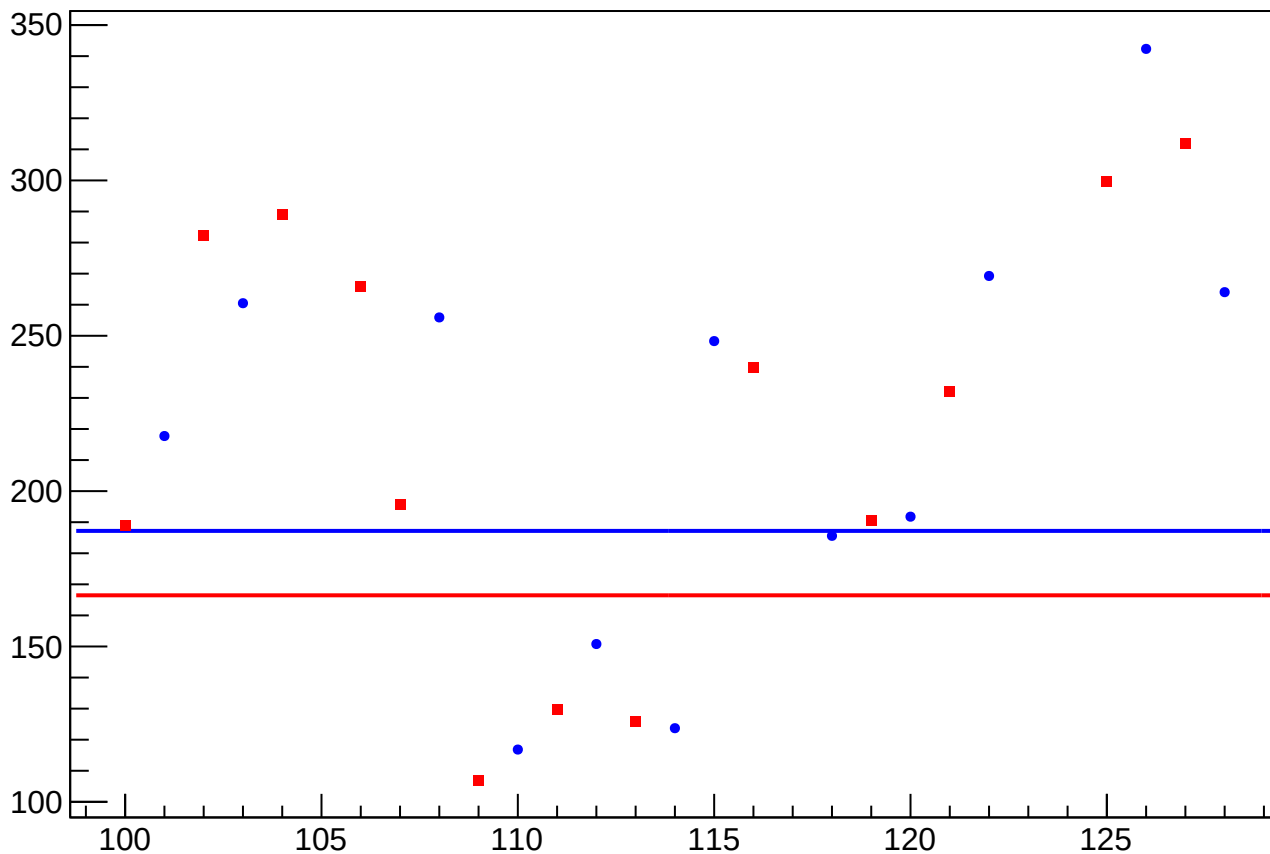
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.187+/-59.282 χ^2/NDF : 16.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_us_avg_rms vs Slug



Right In: 187.201+/-0.063 χ^2/NDF : 884090.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 166.468+/-0.056 χ^2/NDF : 1407367.7/12

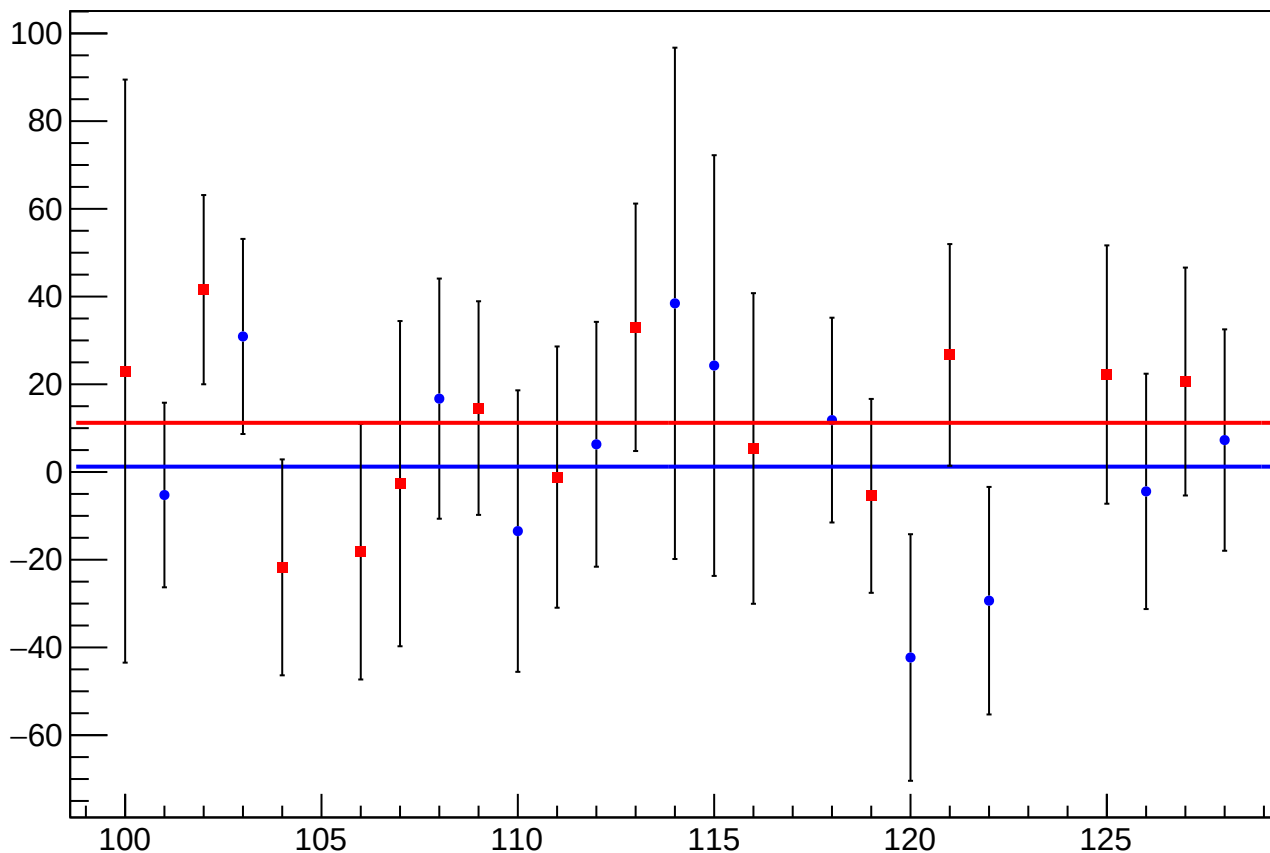
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.608+/-0.042 χ^2/NDF : 2351756.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_us_dd_mean vs Slug



Right In: 1.222 $\pm$ 7.871 χ^2 /NDF: 7.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.214 $\pm$ 7.660 χ^2 /NDF: 7.0/12

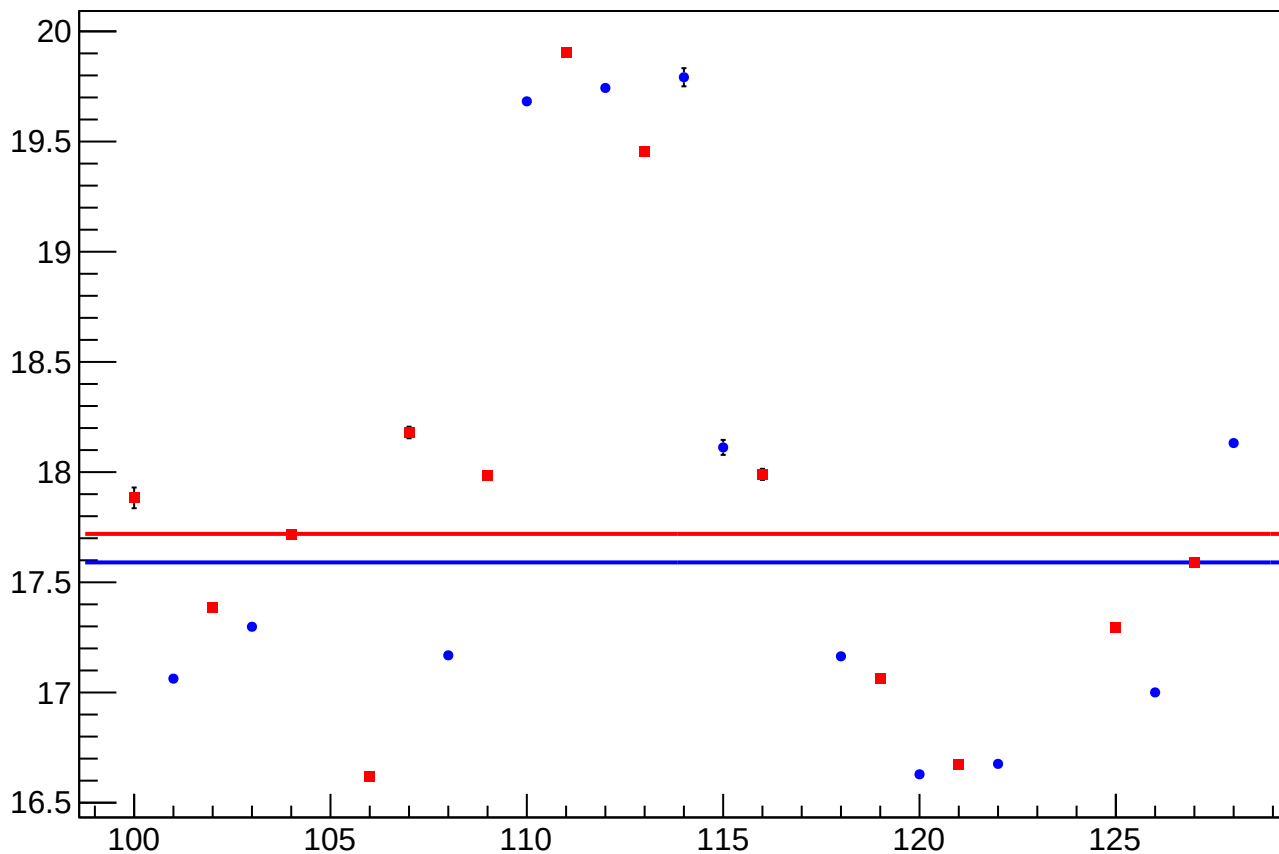
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.354 $\pm$ 5.489 χ^2 /NDF: 15.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_an_us_dd_rms vs Slug



Right In: 17.590 $\pm$ 0.006 χ^2 /NDF: 32938.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.720 $\pm$ 0.005 χ^2 /NDF: 27985.7/12

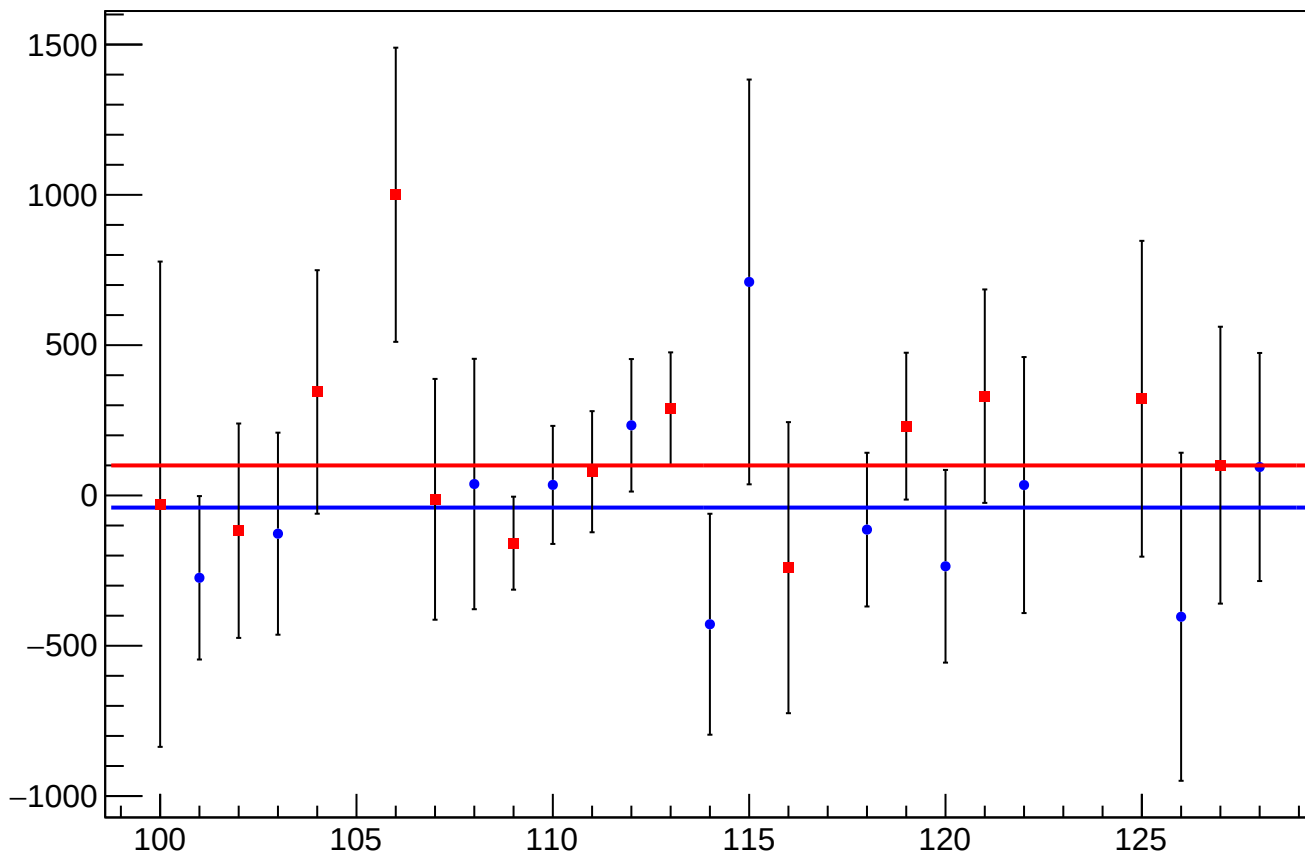
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.657 $\pm$ 0.004 χ^2 /NDF: 61202.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_an_ds_avg_mean vs Slug



Right In: -40.316+/-89.394 χ^2/NDF : 5.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.856+/-79.590 χ^2/NDF : 9.4/12

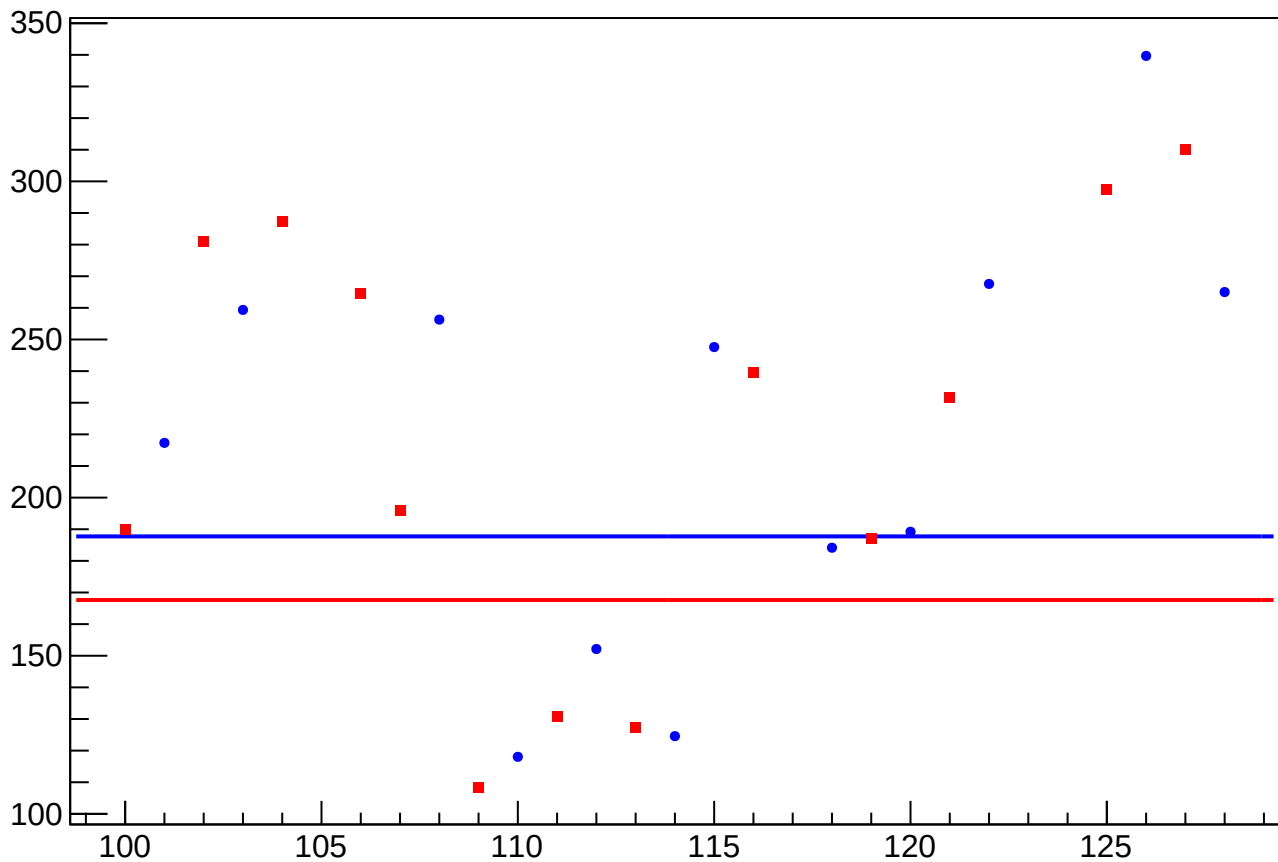
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.876+/-59.444 χ^2/NDF : 16.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_ds_avg_rms vs Slug



Right In: 187.738+/-0.063 χ^2/NDF : 856469.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.625+/-0.056 χ^2/NDF : 1355390.7/12

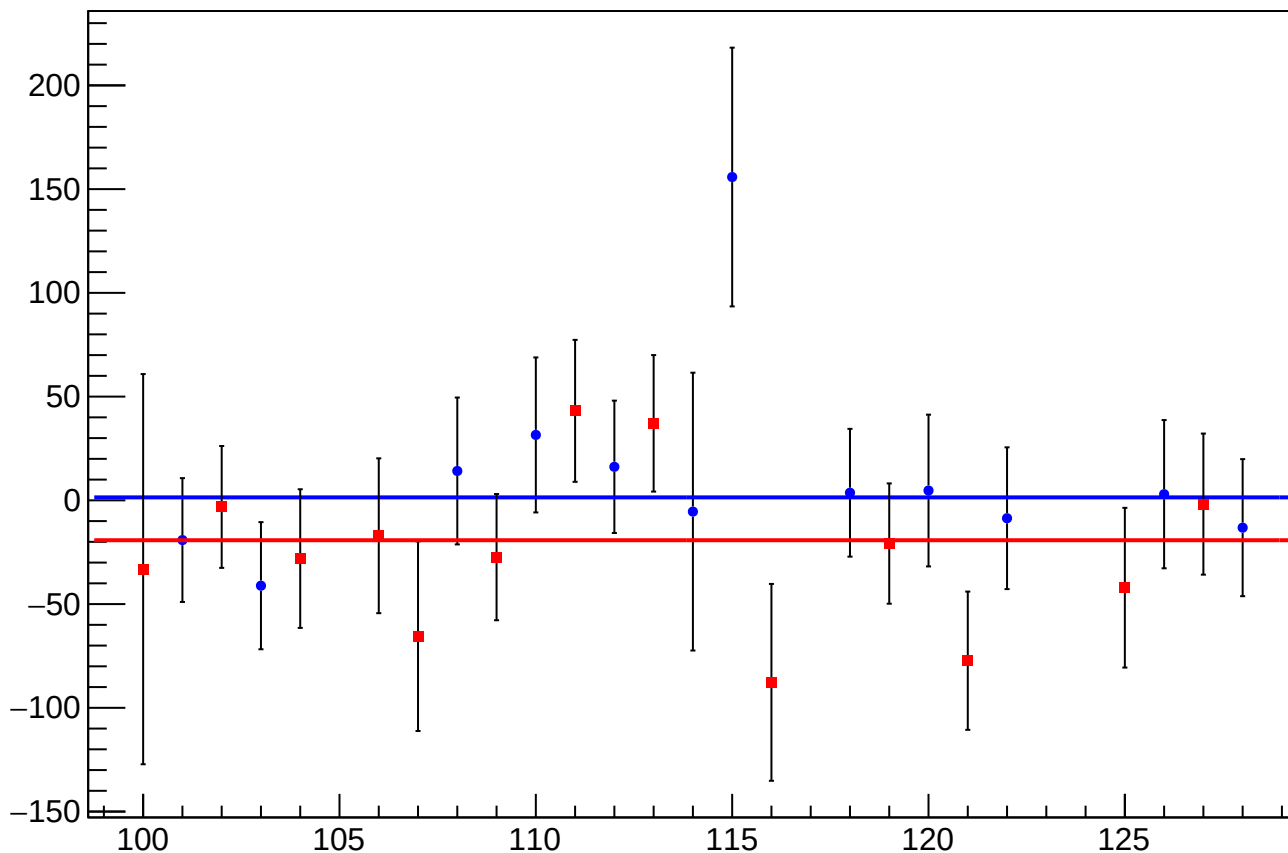
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.518+/-0.042 χ^2/NDF : 2268339.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_ds_dd_mean vs Slug



Right In: 1.427+/-10.246 χ^2/NDF : 9.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.226+/-9.853 χ^2/NDF : 13.5/12

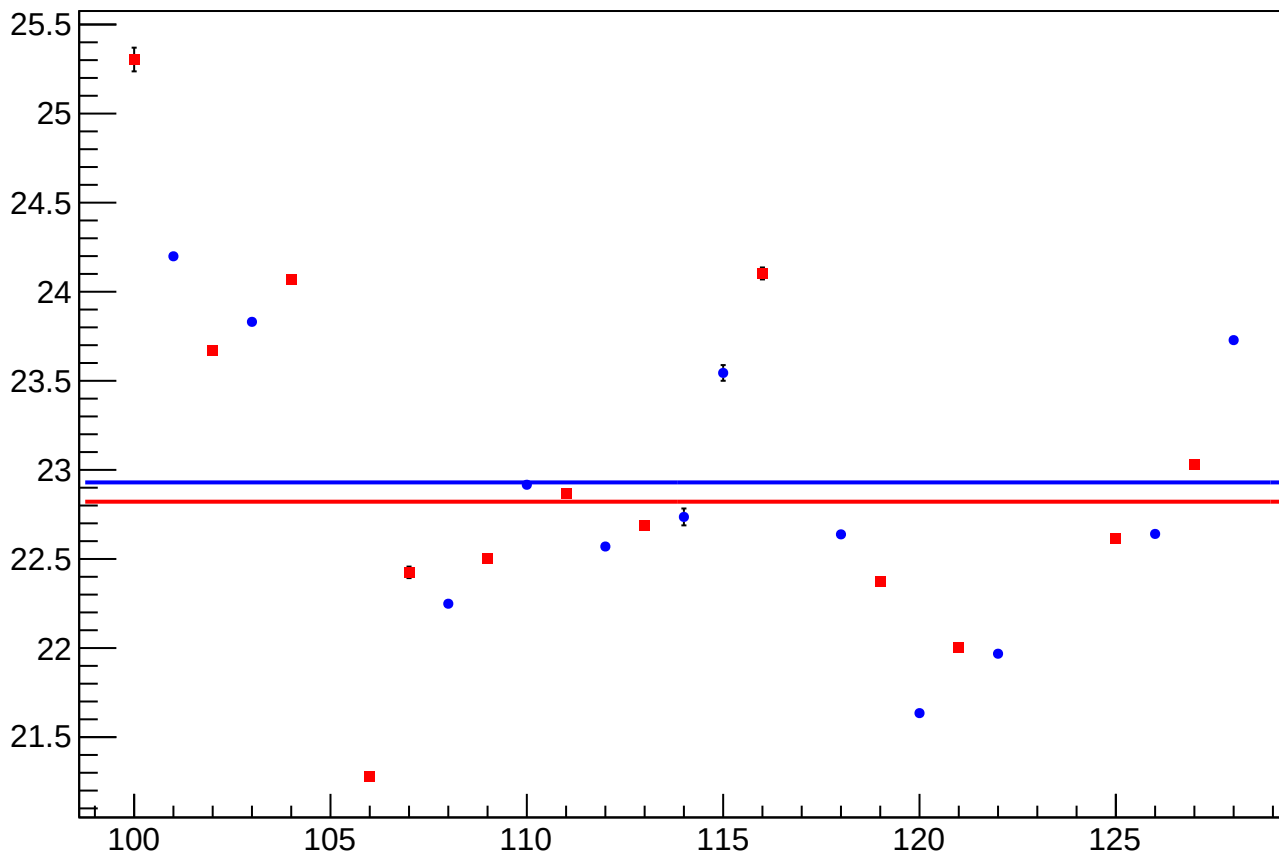
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.303+/-7.102 χ^2/NDF : 25.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_ds_dd_rms vs Slug



Right In: 22.930+/-0.007 χ^2/NDF : 12125.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.821+/-0.007 χ^2/NDF : 12929.6/12

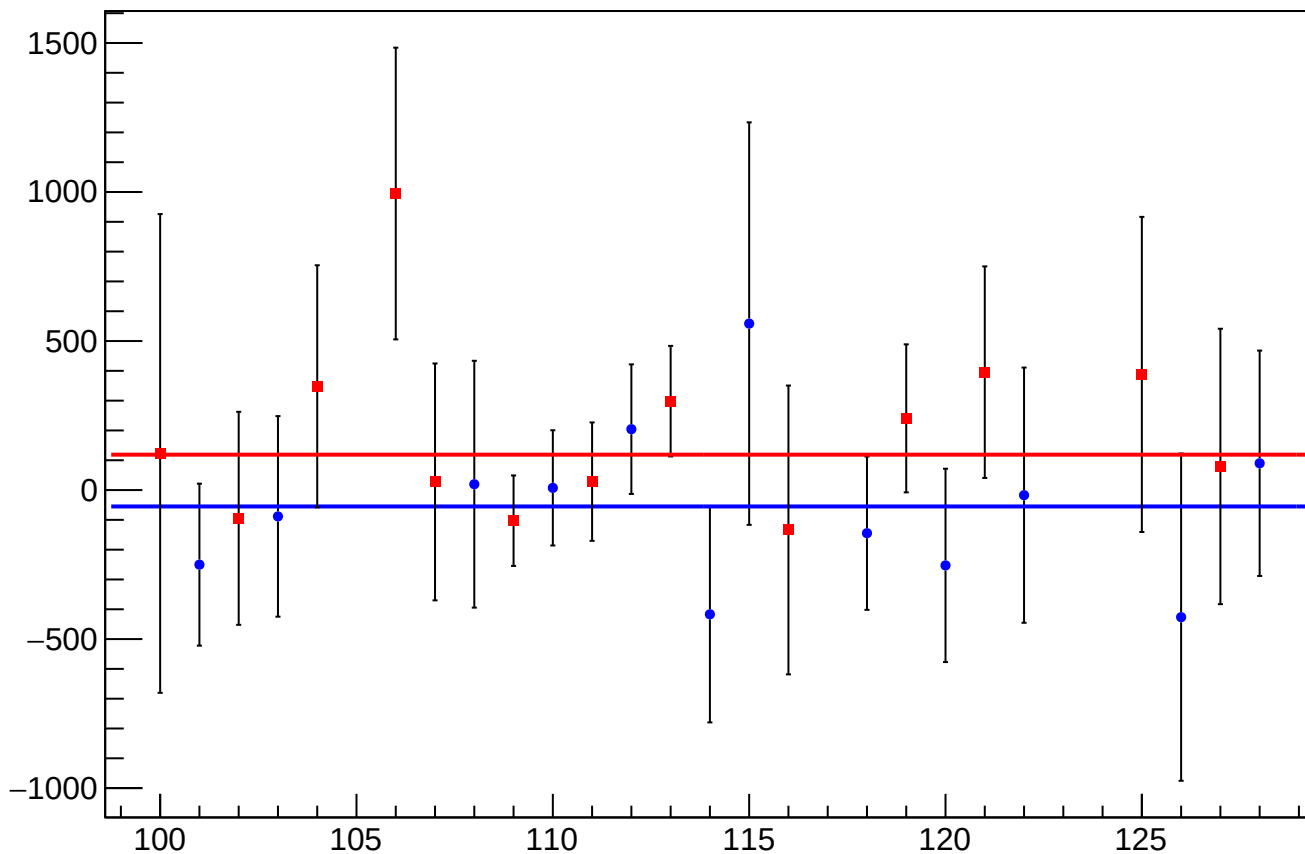
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.874+/-0.005 χ^2/NDF : 25170.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_ds_avg_mean vs Slug



Right In: -55.001 ± 88.981 χ^2/NDF : 5.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 118.740 ± 78.950 χ^2/NDF : 8.6/12

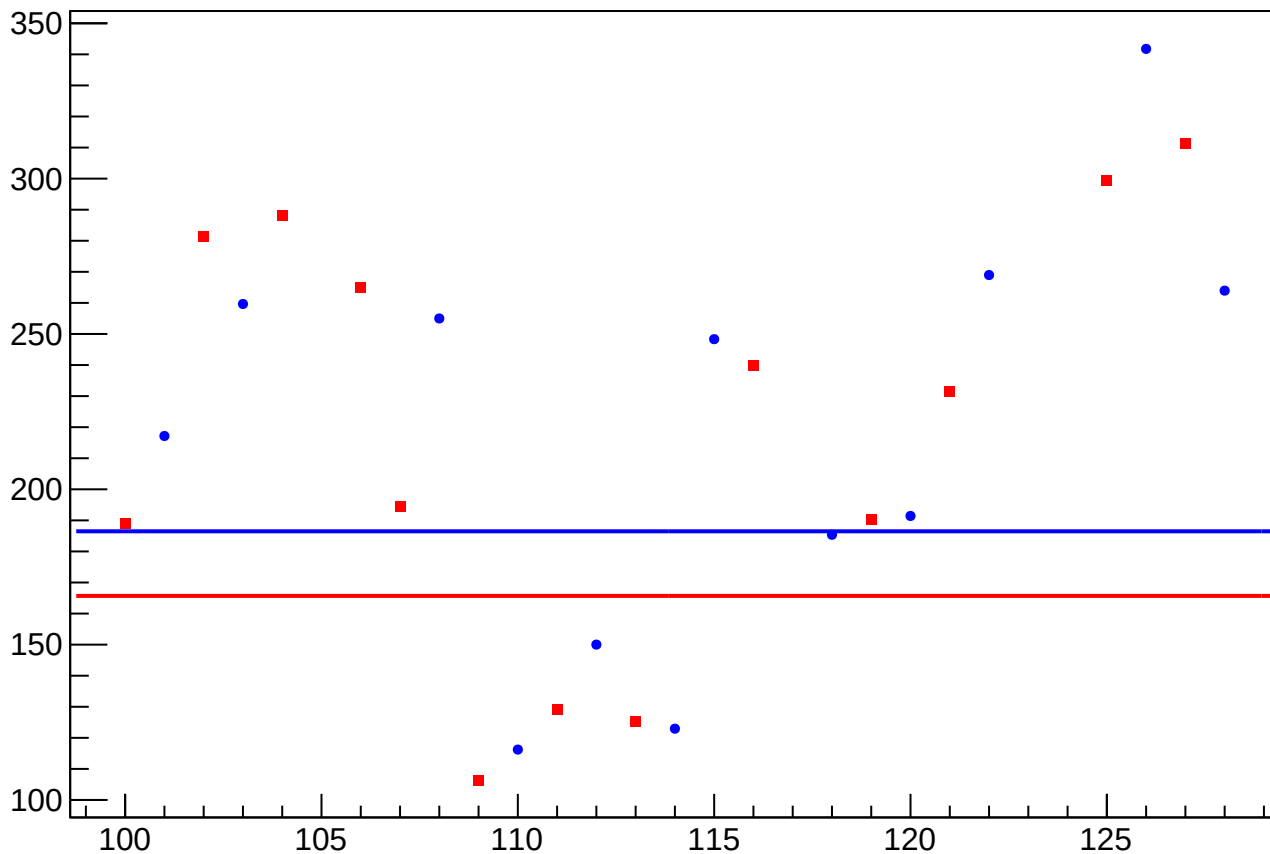
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 42.211 ± 59.056 χ^2/NDF : 15.7/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_ds_avg_rms vs Slug



Right In: 186.484 $\pm$ 0.063 χ^2 /NDF: 891924.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 165.691 $\pm$ 0.056 χ^2 /NDF: 1416636.7/12

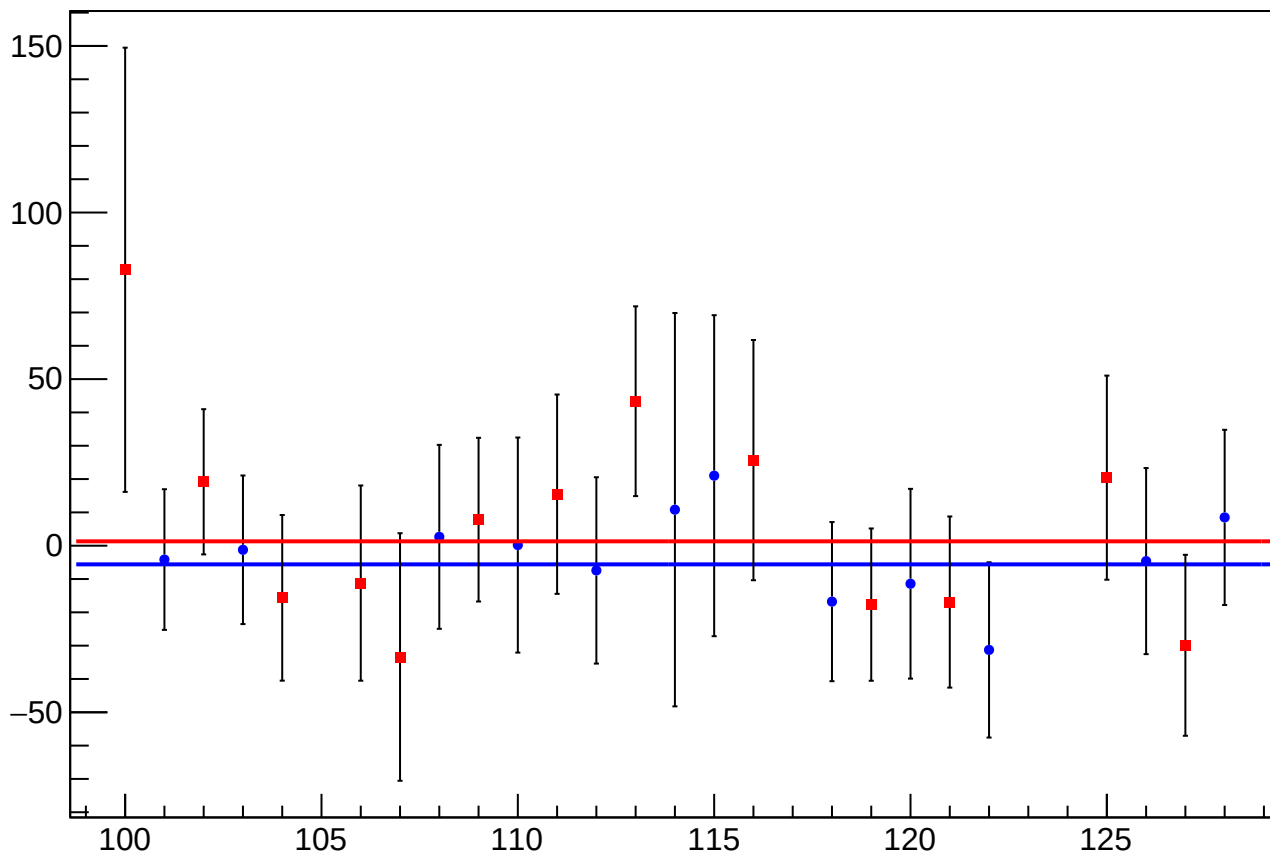
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 174.850 $\pm$ 0.042 χ^2 /NDF: 2369663.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_an_ds_dd_mean vs Slug



Right In: -5.599+/-7.985 χ^2/NDF : 2.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.314+/-7.793 χ^2/NDF : 9.5/12

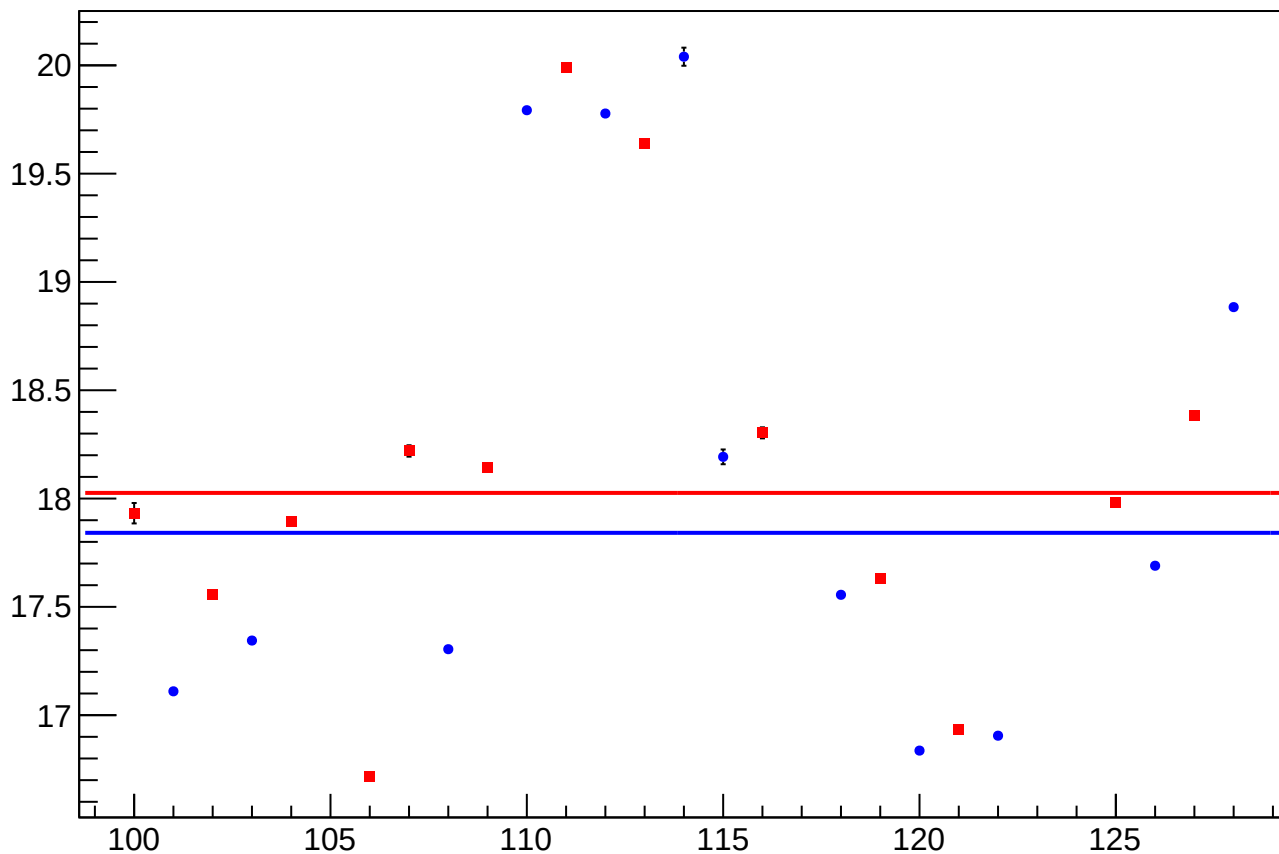
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.058+/-5.577 χ^2/NDF : 12.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_ds_dd_rms vs Slug



Right In: 17.842+/-0.006 χ^2/NDF : 32440.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.026+/-0.006 χ^2/NDF : 24786.8/12

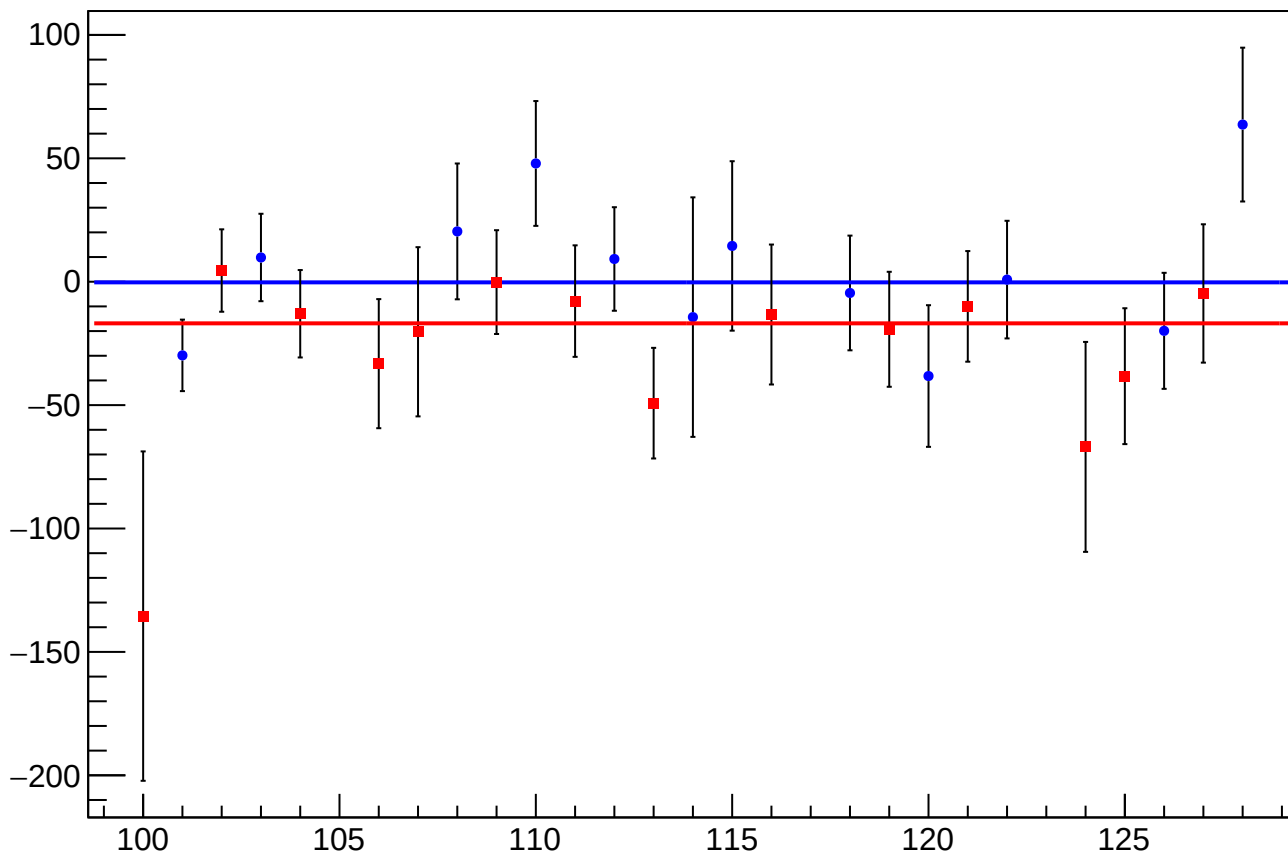
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.936+/-0.004 χ^2/NDF : 57773.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4acX_avg_mean vs Slug



Right In: -0.257+/-6.735 χ^2/NDF : 15.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.865+/-6.489 χ^2/NDF : 10.4/13

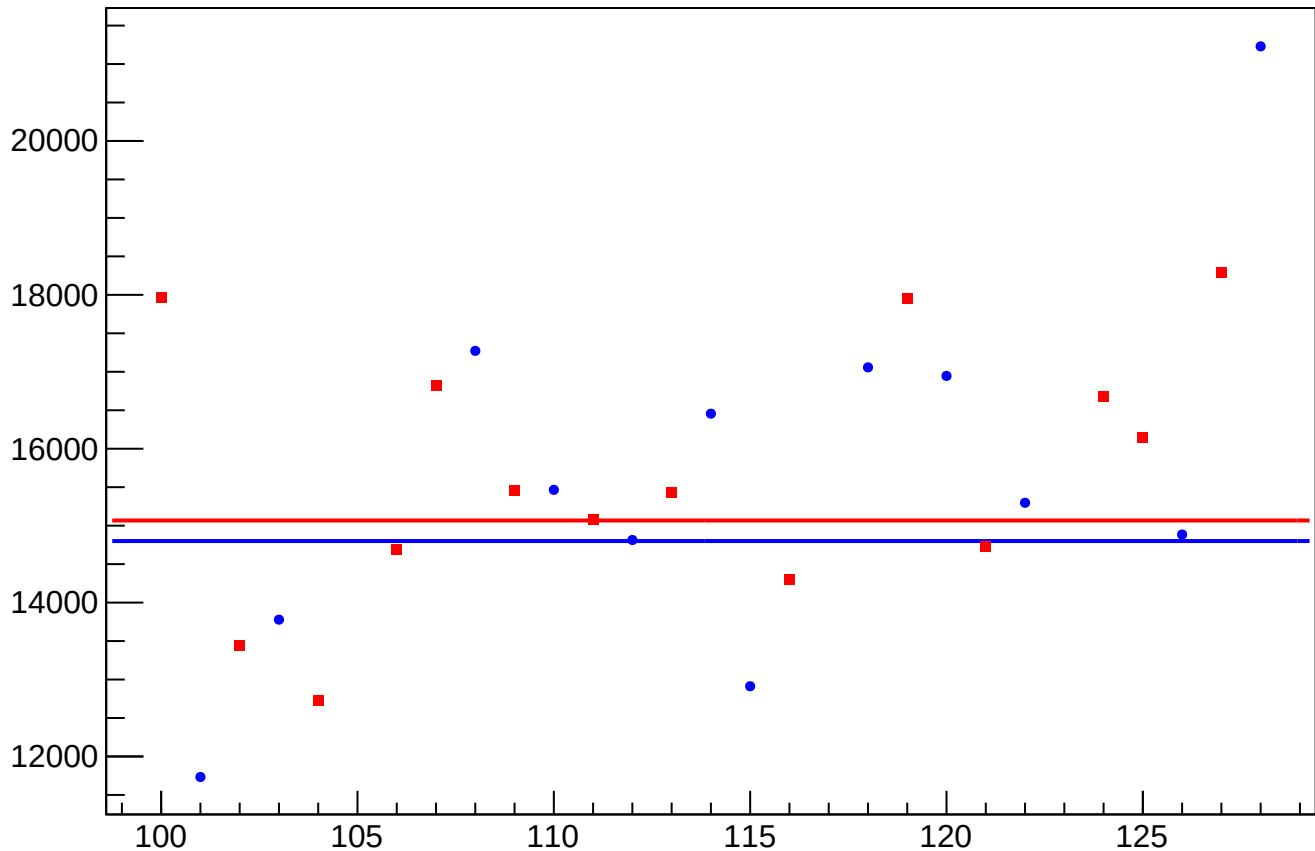
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.869+/-4.673 χ^2/NDF : 29.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4acX_avg_rms vs Slug



Right In: 14799.996+/-4.762 χ^2/NDF : 238296.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 15067.048+/-4.589 χ^2/NDF : 129574.5/13

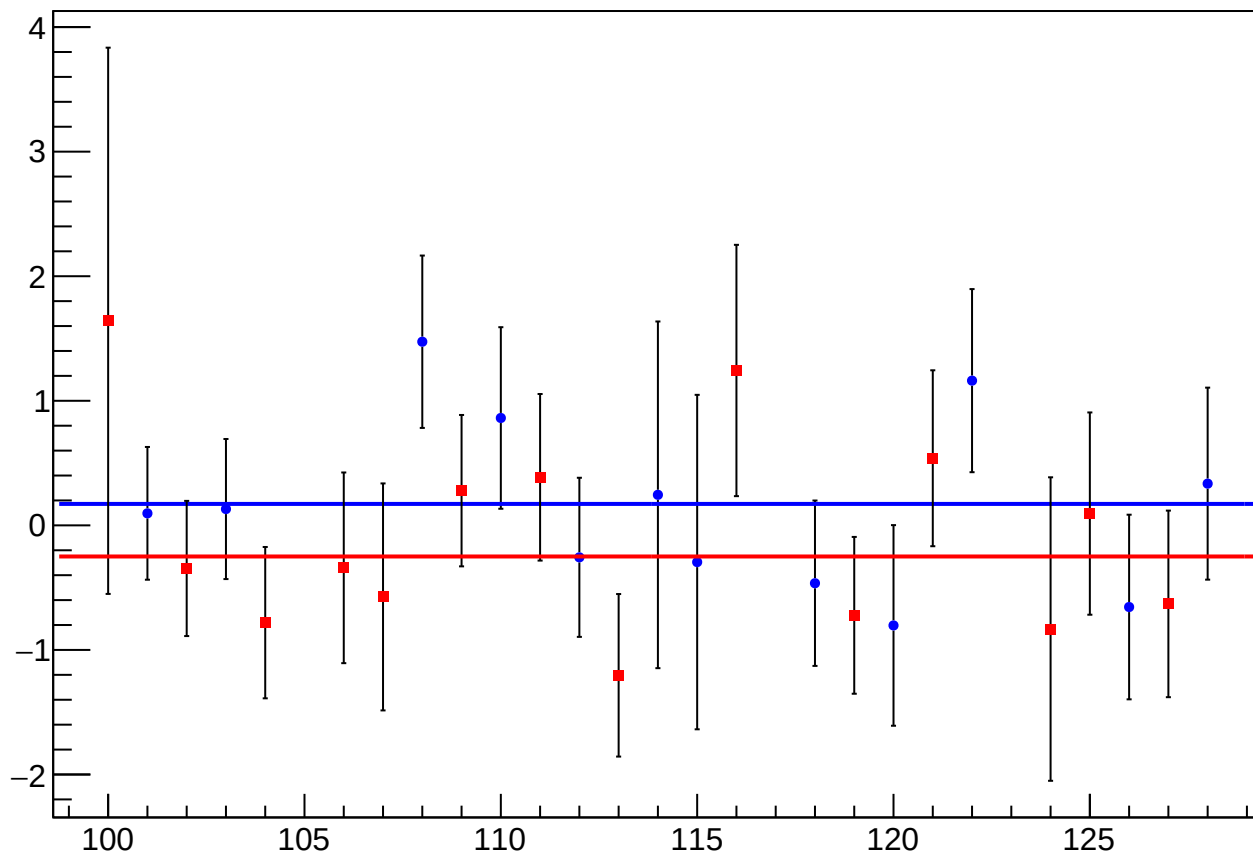
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14938.472+/-3.304 χ^2/NDF : 369501.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4acX_dd_mean vs Slug



Right In: 0.172 $\pm$ 0.207 χ^2 /NDF: 10.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.250 $\pm$ 0.196 χ^2 /NDF: 10.1/13

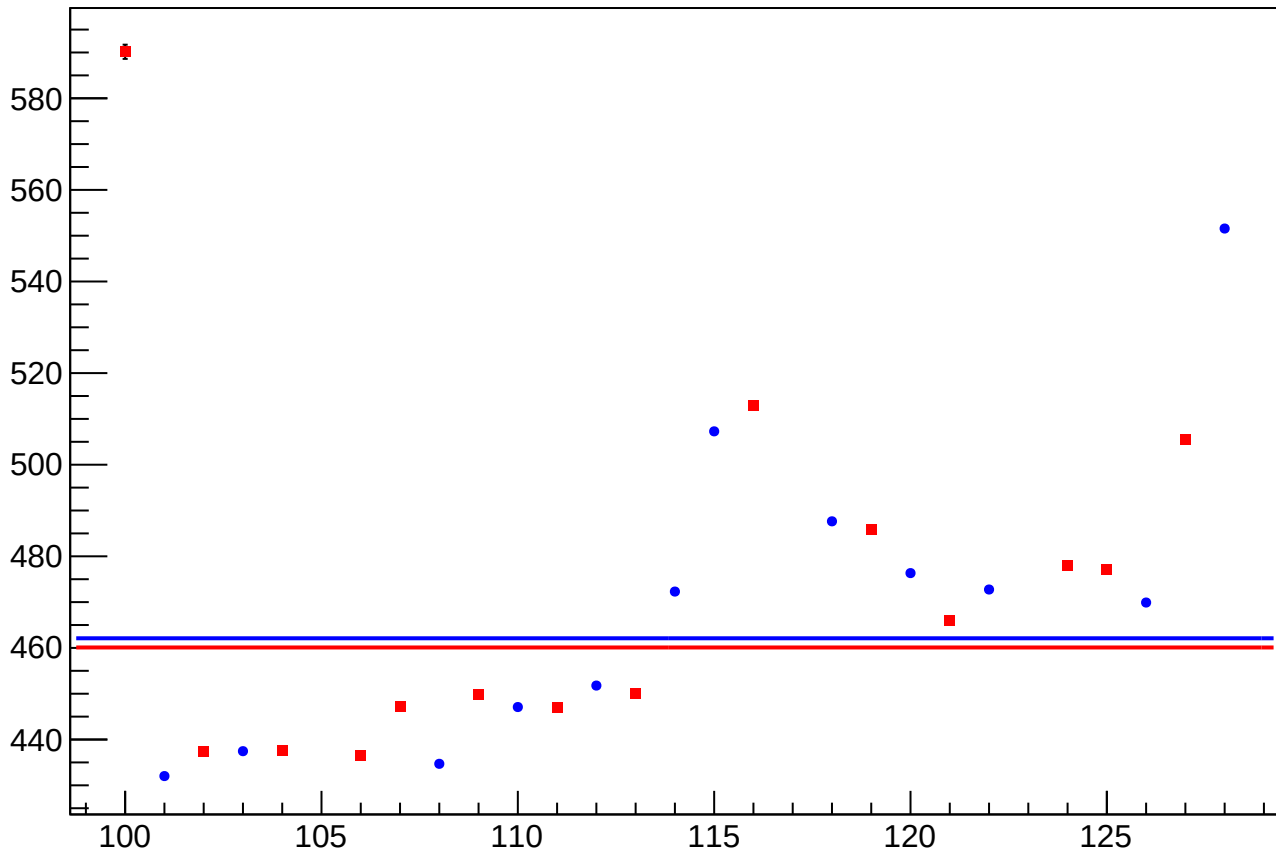
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.050 $\pm$ 0.142 χ^2 /NDF: 22.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aX_4acX_dd_rms vs Slug



Right In: 462.105+/-0.146 χ^2/NDF : 48272.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 460.097+/-0.139 χ^2/NDF : 34965.0/13

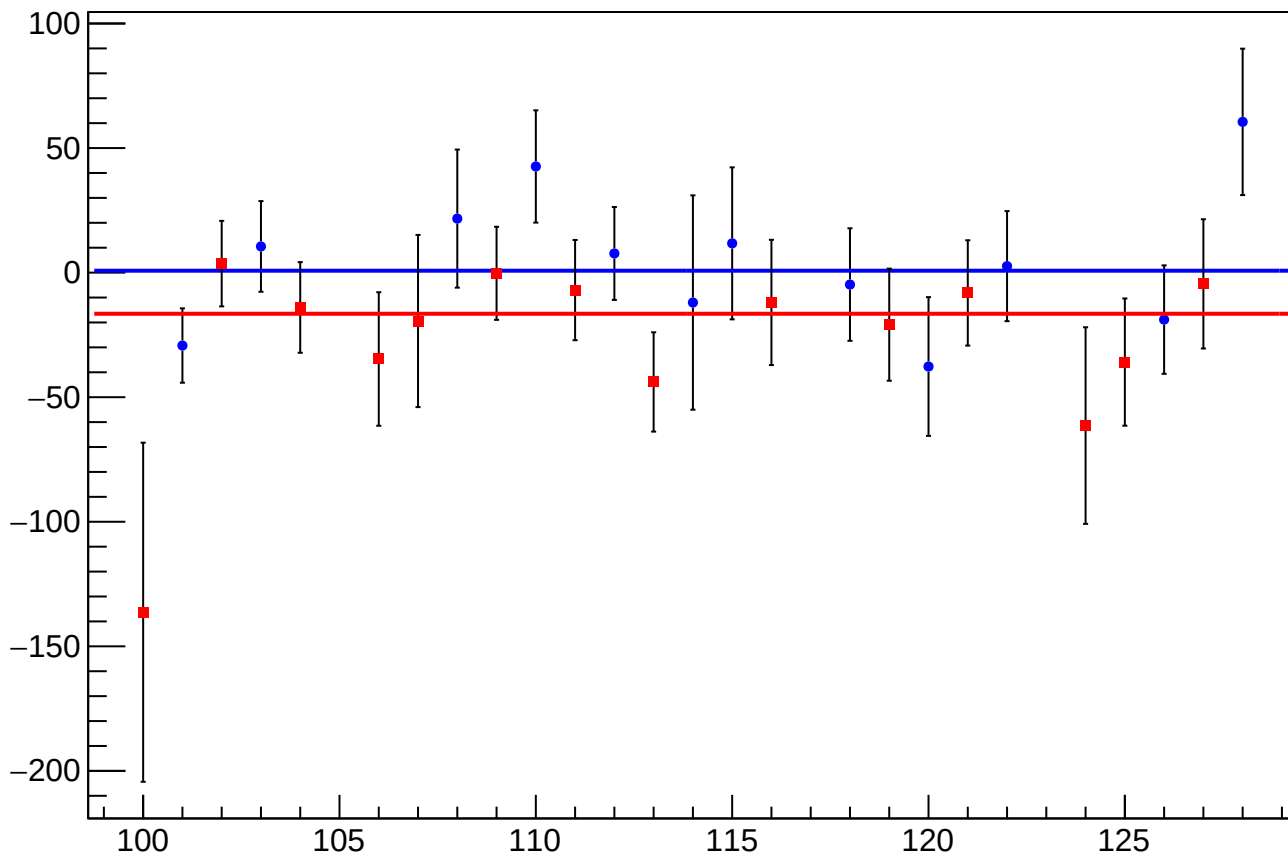
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 461.047+/-0.101 χ^2/NDF : 83336.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4eX_avg_mean vs Slug



Right In: 0.775+/-6.477 χ^2/NDF : 15.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.510+/-6.181 χ^2/NDF : 10.1/13

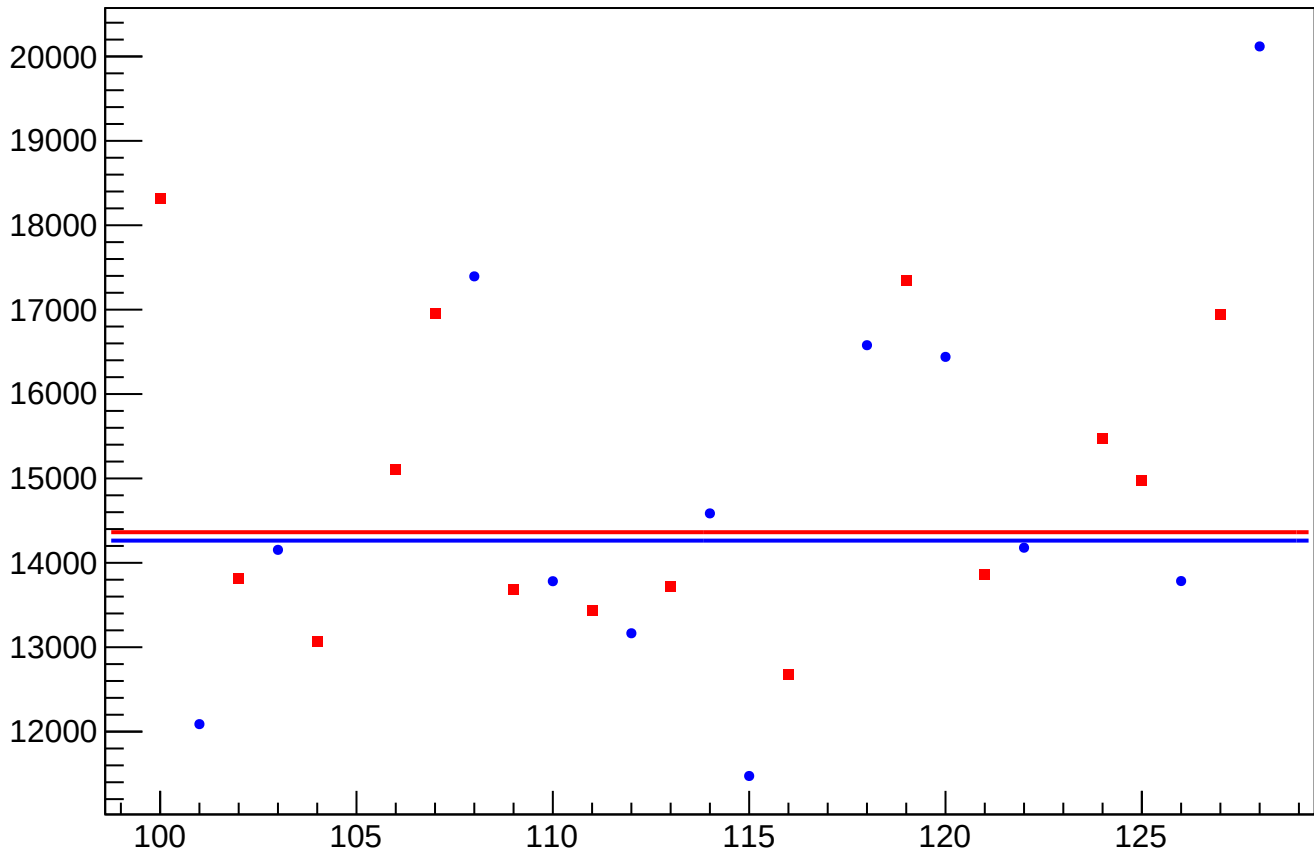
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.270+/-4.472 χ^2/NDF : 29.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4eX_avg_rms vs Slug



Right In: 14263.333+/-4.580 χ^2/NDF : 206388.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 14362.925+/-4.371 χ^2/NDF : 108575.8/13

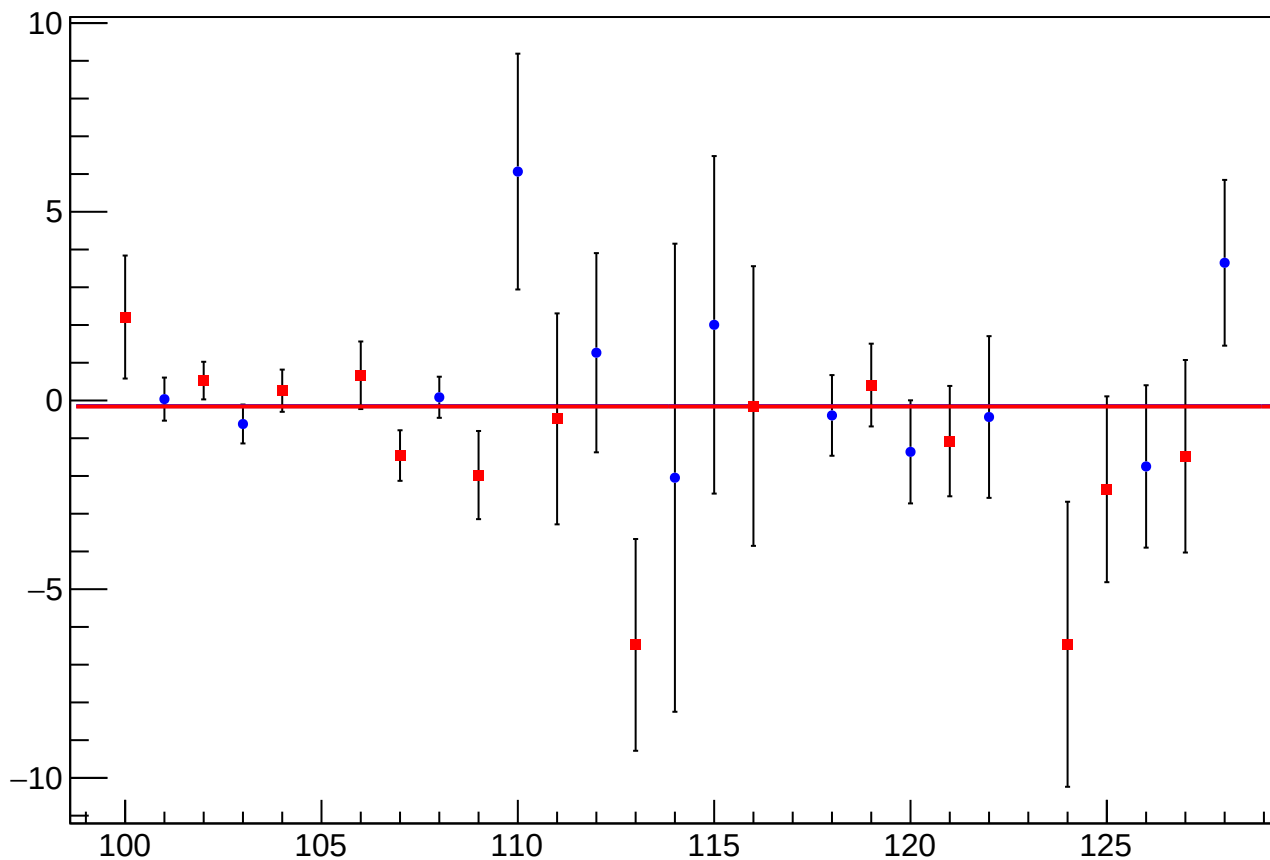
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14315.453+/-3.162 χ^2/NDF : 315212.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4eX_dd_mean vs Slug



Right In: -0.150 ± 0.282 χ^2/NDF : 10.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.160 ± 0.269 χ^2/NDF : 21.2/13

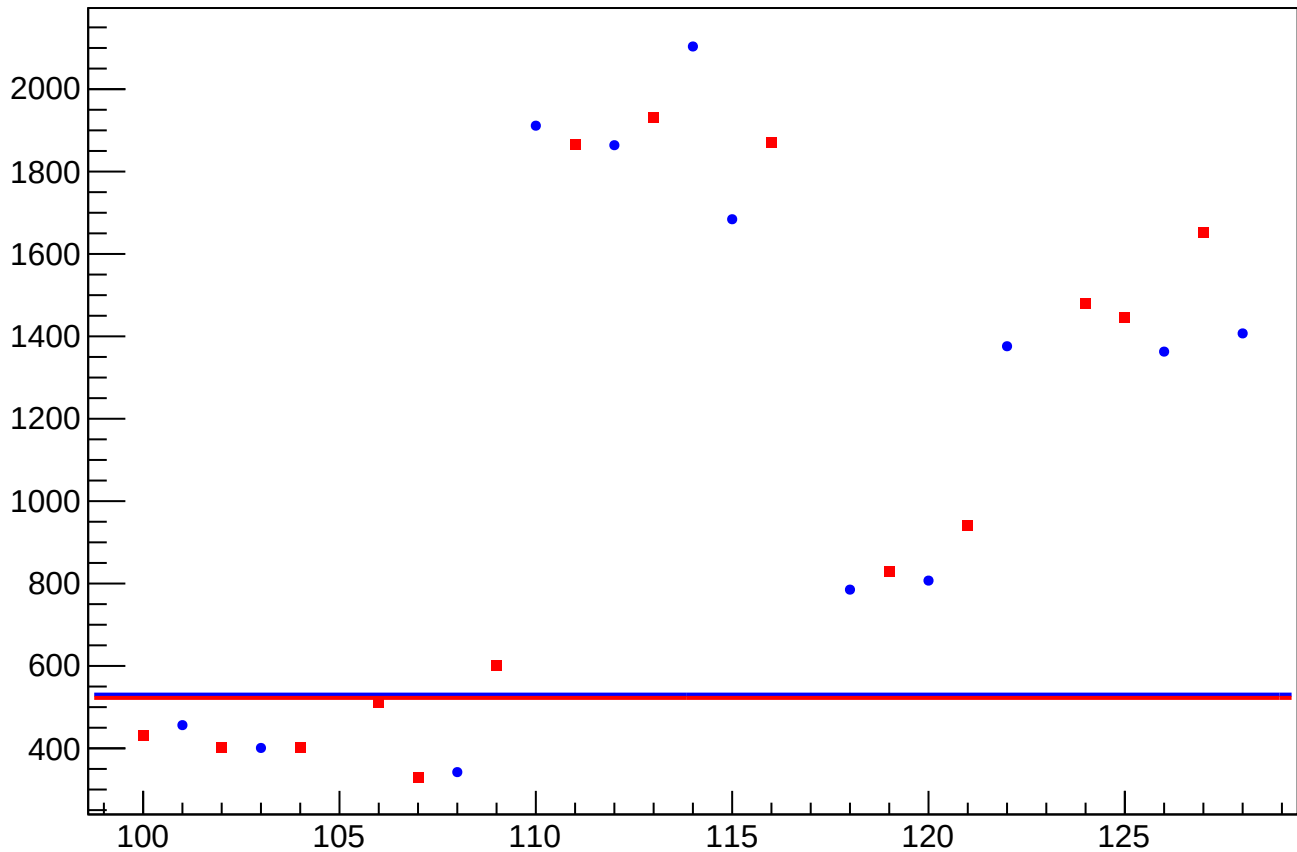
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.155 ± 0.195 χ^2/NDF : 31.3/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4eX_dd_rms vs Slug



Right In: 530.399+/-0.199 χ^2/NDF : 2687553.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 522.453+/-0.190 χ^2/NDF : 2749446.7/13

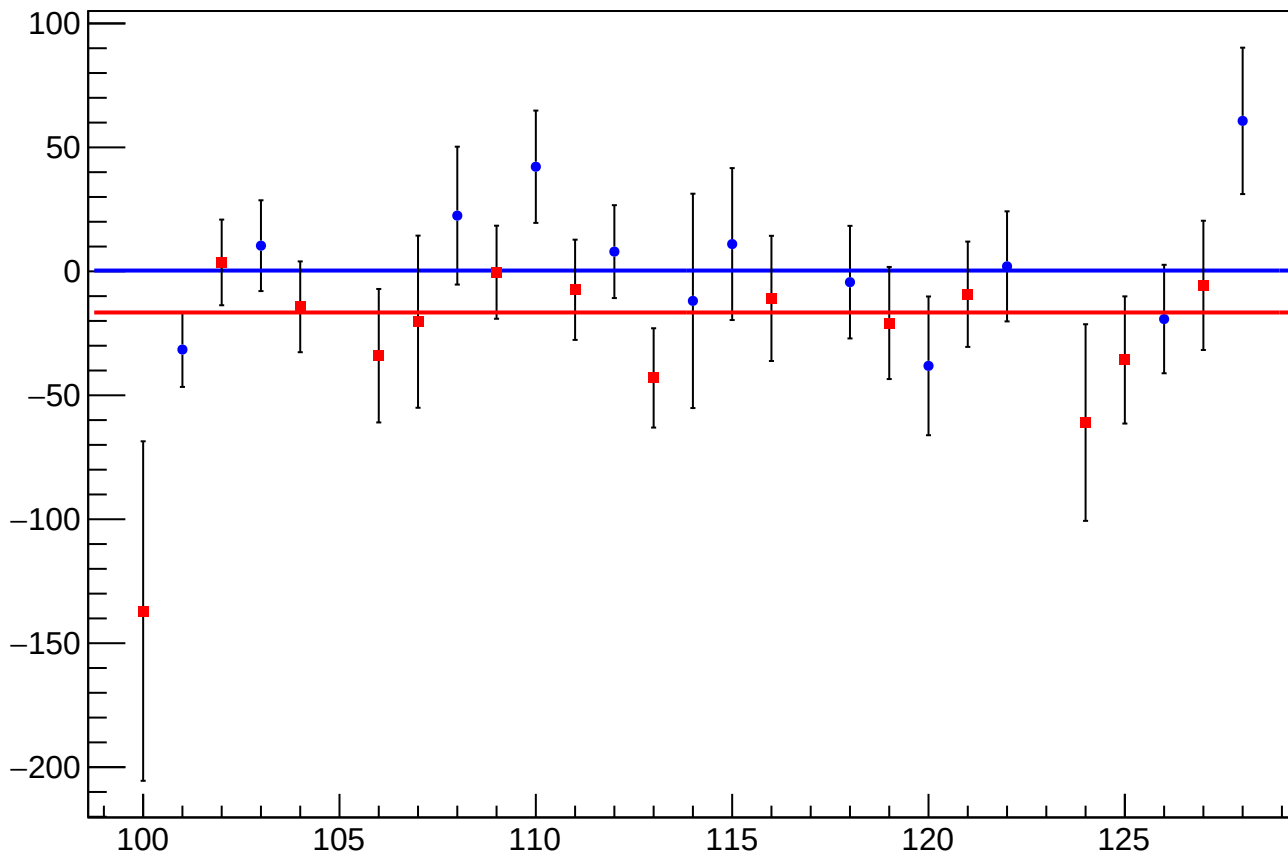
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 526.238+/-0.138 χ^2/NDF : 5437832.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4ecX_avg_mean vs Slug



Right In: 0.321+/-6.515 χ^2/NDF : 16.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.592+/-6.214 χ^2/NDF : 9.8/13

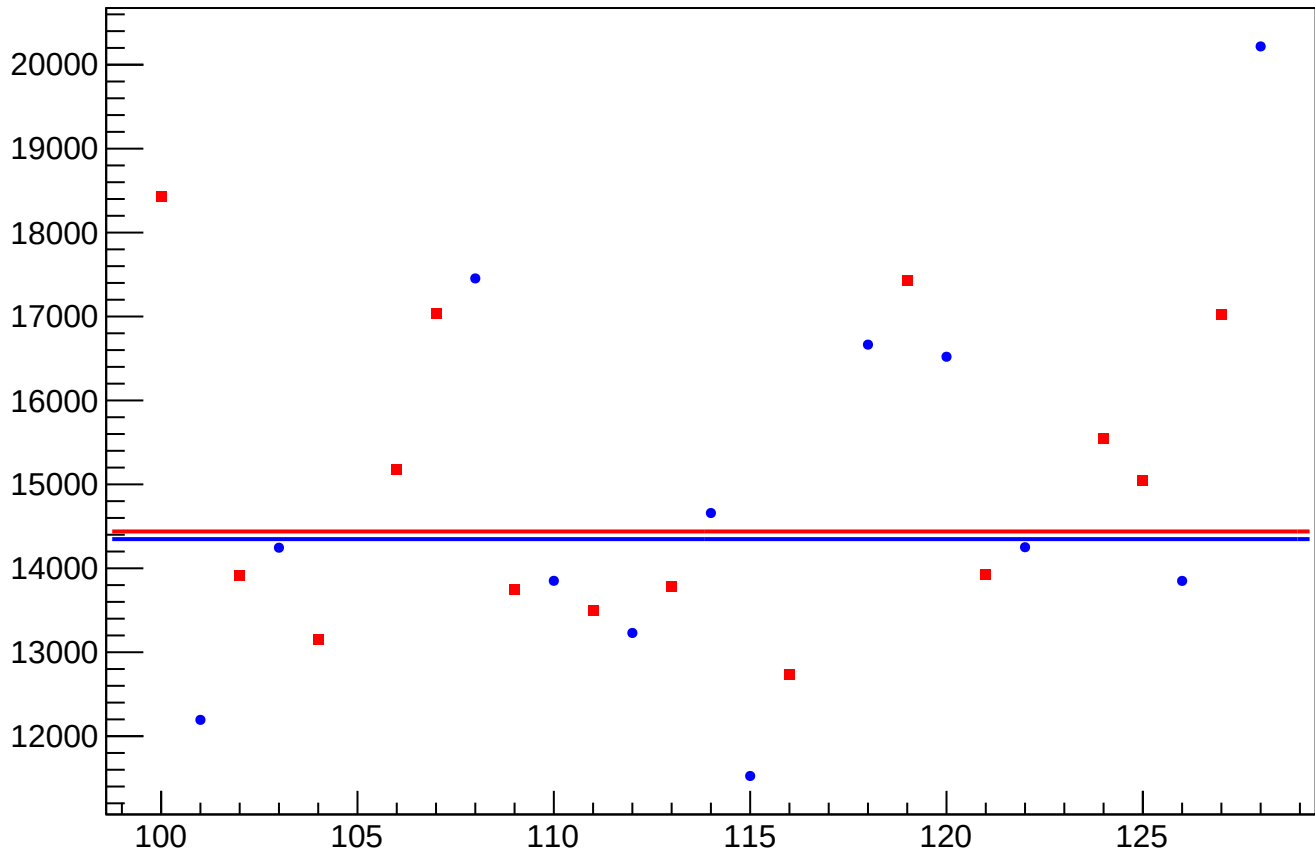
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.535+/-4.497 χ^2/NDF : 29.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4ecX_avg_rms vs Slug



Right In: 14347.807+/-4.607 χ^2/NDF : 204008.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14438.972+/-4.394 χ^2/NDF : 108101.1/13

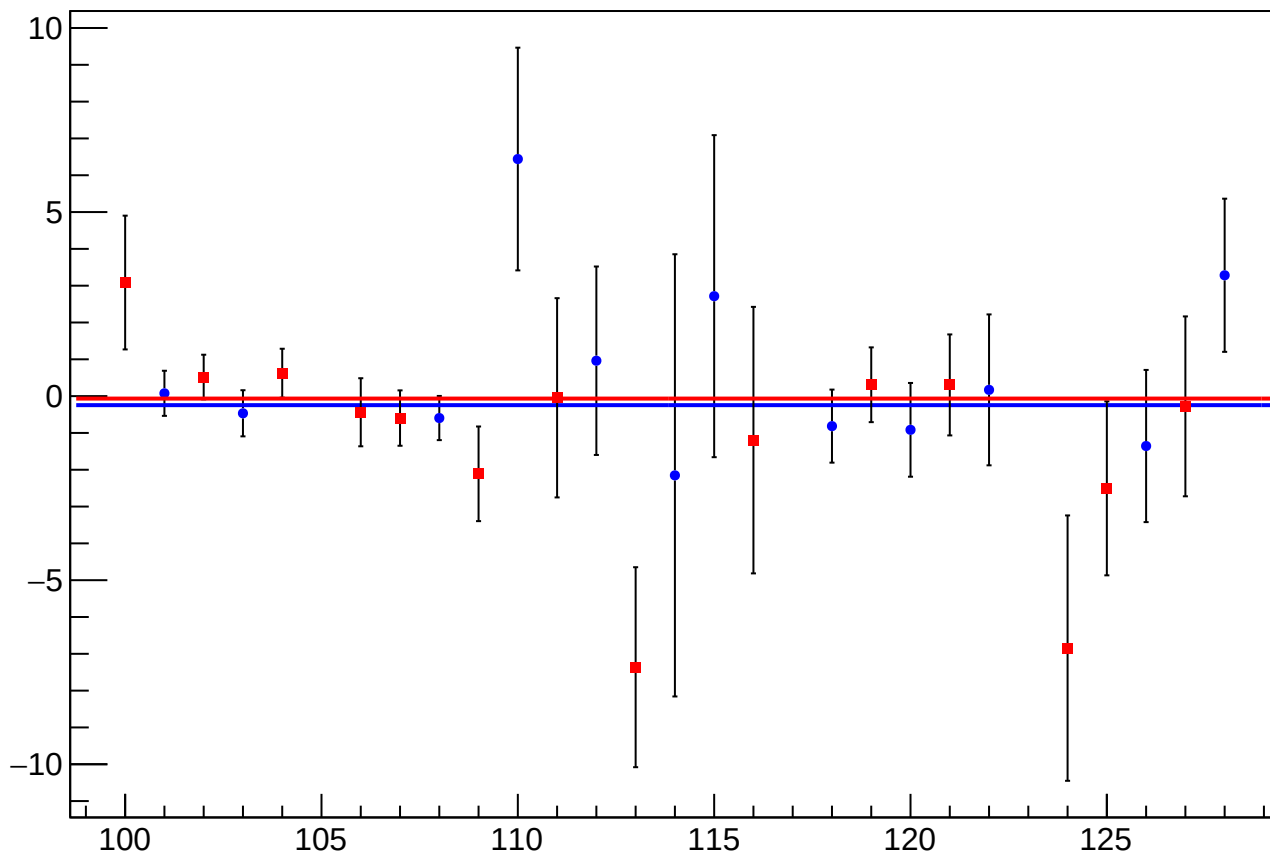
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14395.545+/-3.180 χ^2/NDF : 312315.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4ecX_dd_mean vs Slug



Right In: -0.245 ± 0.306 χ^2/NDF : 10.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.067 ± 0.300 χ^2/NDF : 20.3/13

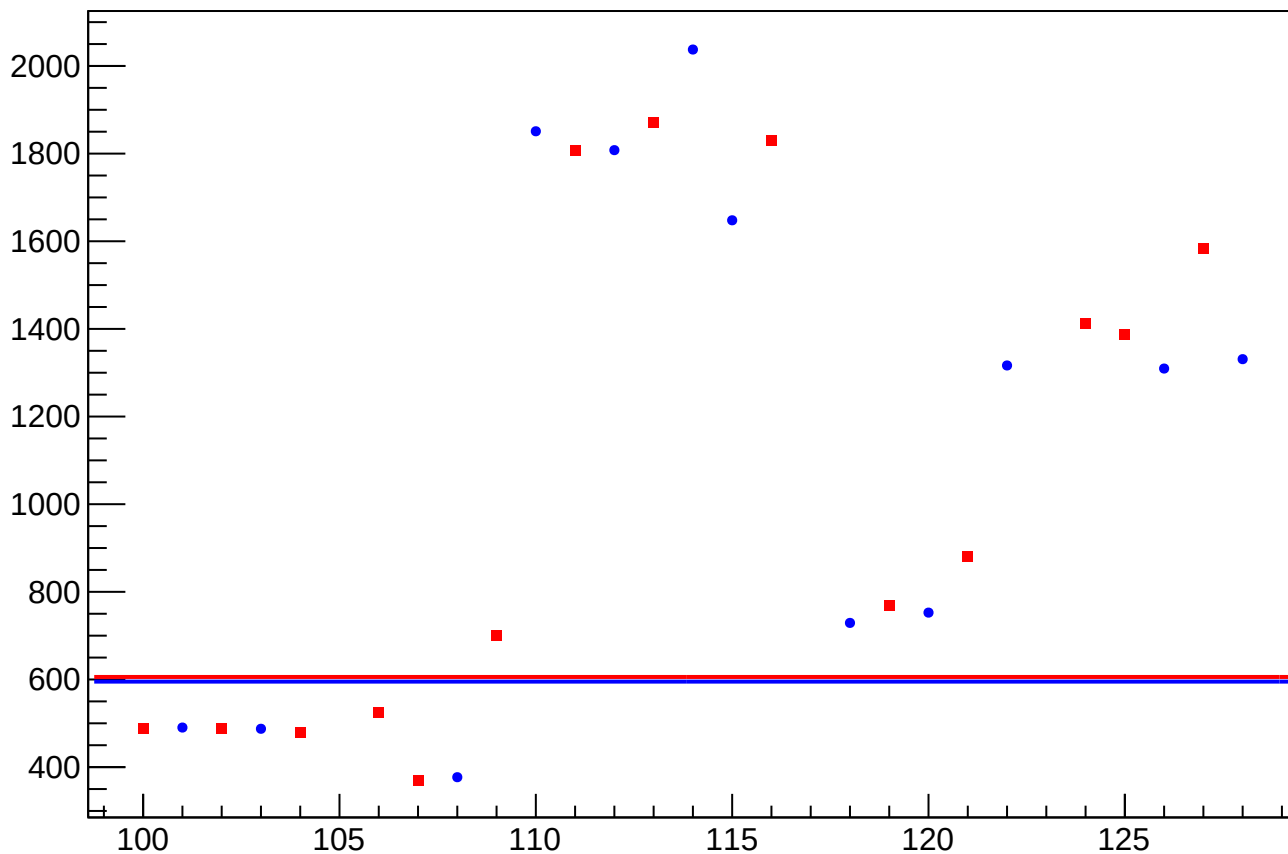
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.154 ± 0.214 χ^2/NDF : 30.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4ecX_dd_rms vs Slug



Right In: 595.168+/-0.217 χ^2/NDF : 2210623.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 605.756+/-0.212 χ^2/NDF : 2206975.6/13

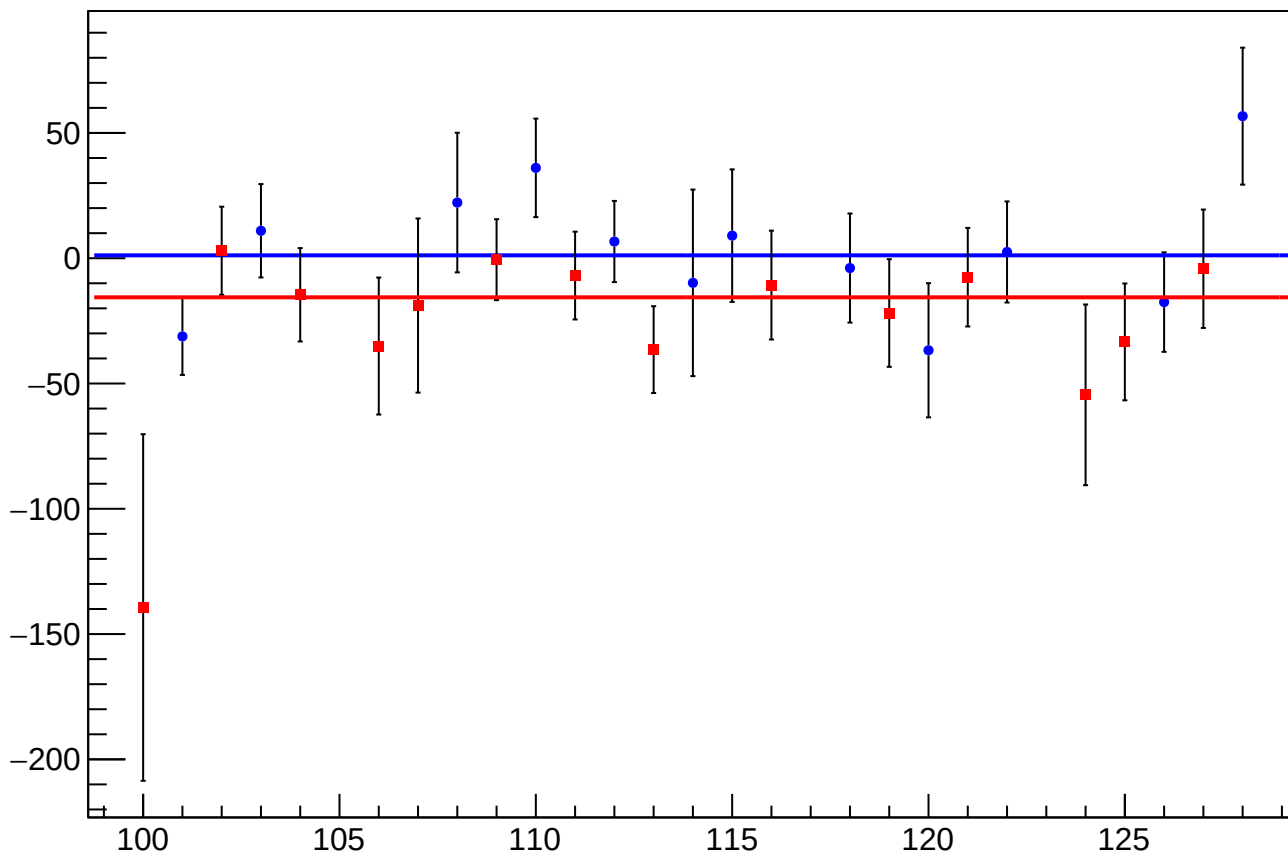
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 600.570+/-0.152 χ^2/NDF : 4418819.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4eX_4ecX_avg_mean vs Slug



Right In: 1.152+/-6.110 χ^2/NDF : 15.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.603+/-5.757 χ^2/NDF : 9.7/13

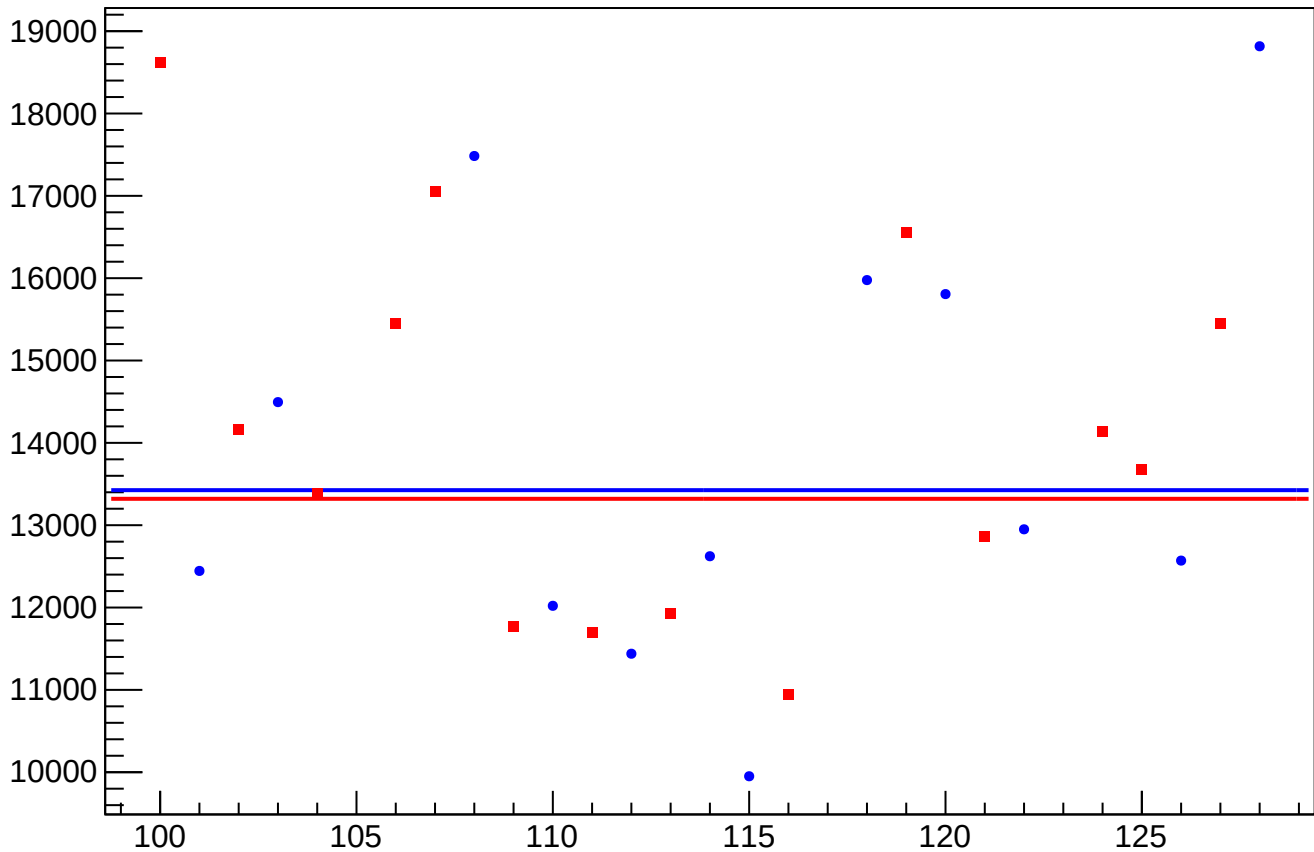
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.724+/-4.190 χ^2/NDF : 29.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4eX_4ecX_avg_rms vs Slug



Right In: 13425.559+/-4.321 χ^2/NDF : 258838.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13320.456+/-4.070 χ^2/NDF : 188067.2/13

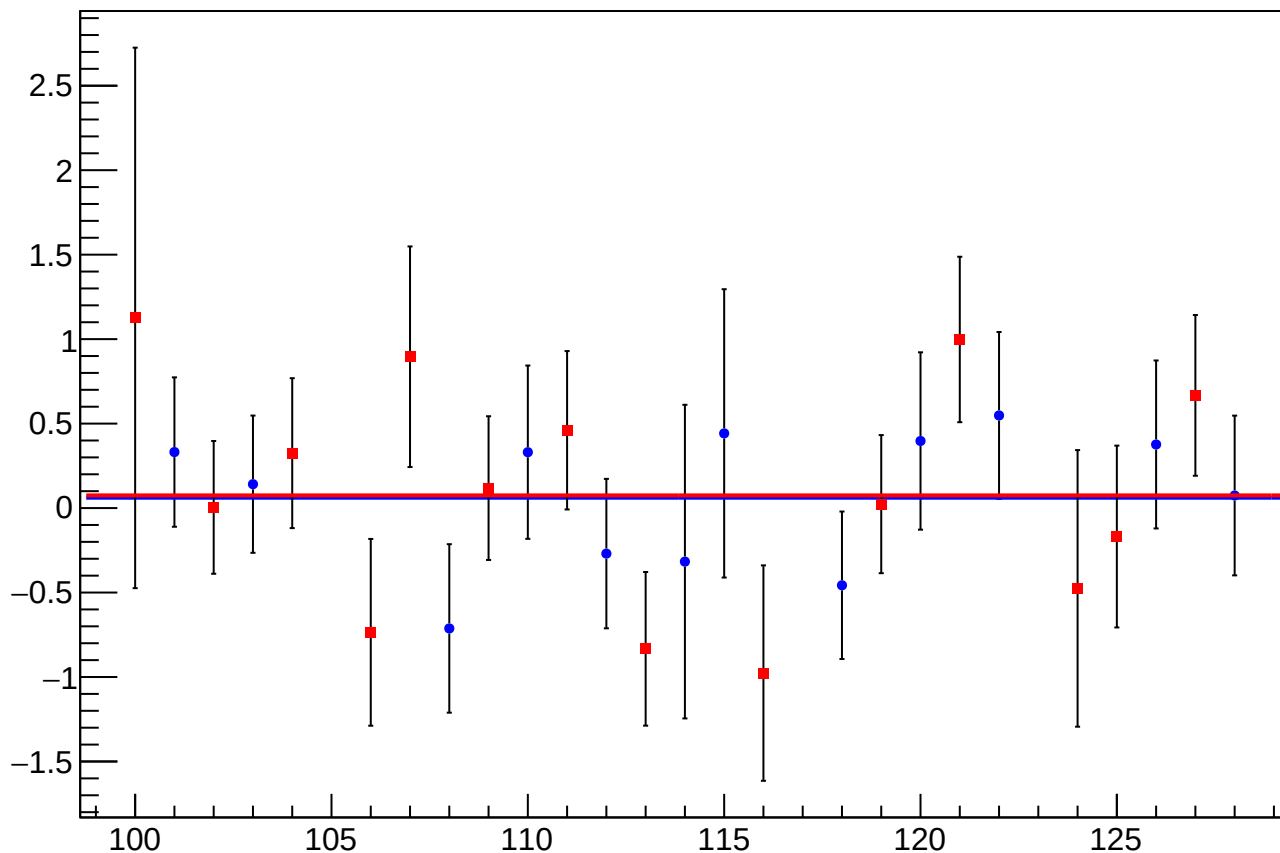
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13369.878+/-2.963 χ^2/NDF : 447218.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4eX_4ecX_dd_mean vs Slug



Right In: 0.061 $\pm$ 0.144 χ^2 /NDF: 7.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.075 $\pm$ 0.135 χ^2 /NDF: 17.7/13

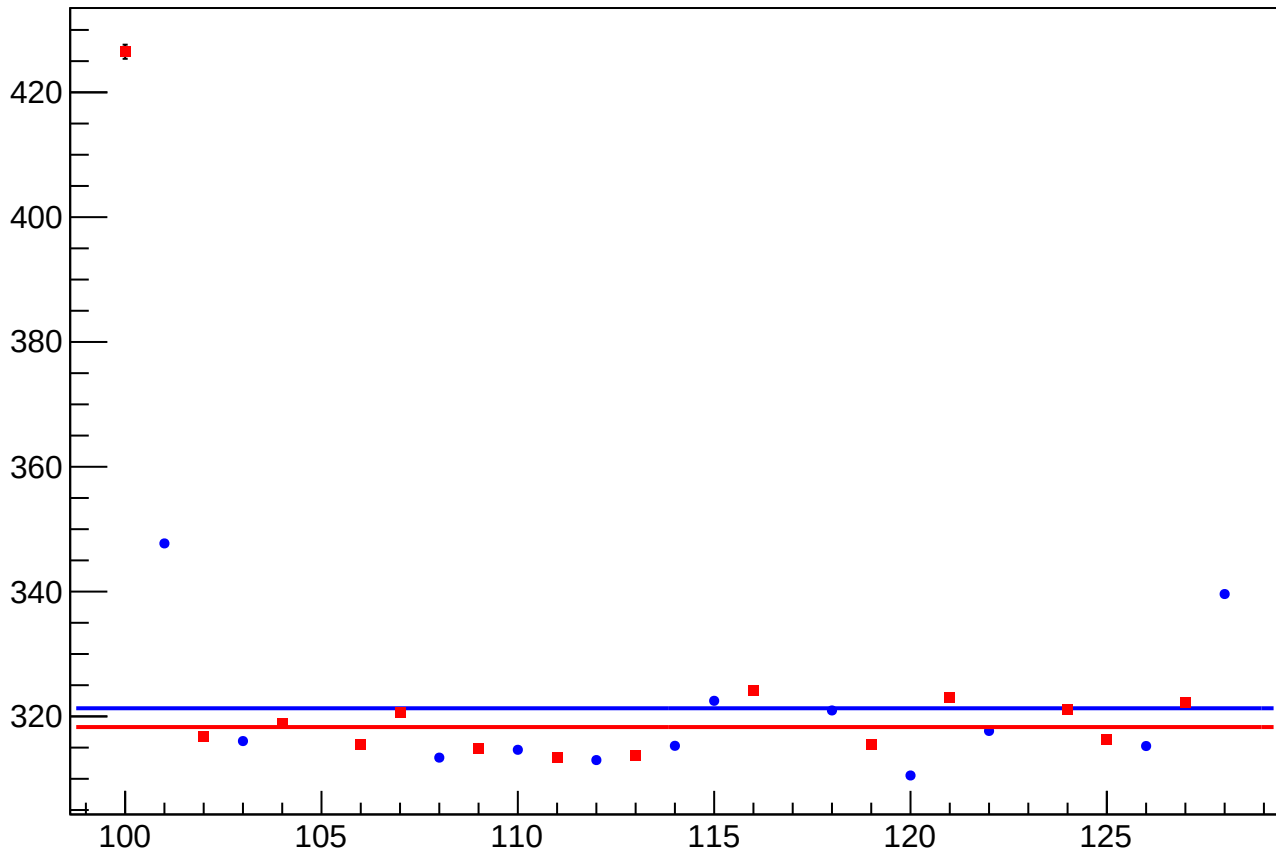
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.069 $\pm$ 0.099 χ^2 /NDF: 24.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4eX_4ecX_dd_rms vs Slug



Right In: 321.304 $\pm$ 0.102 χ^2 /NDF: 13351.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 318.293 $\pm$ 0.096 χ^2 /NDF: 10446.8/13

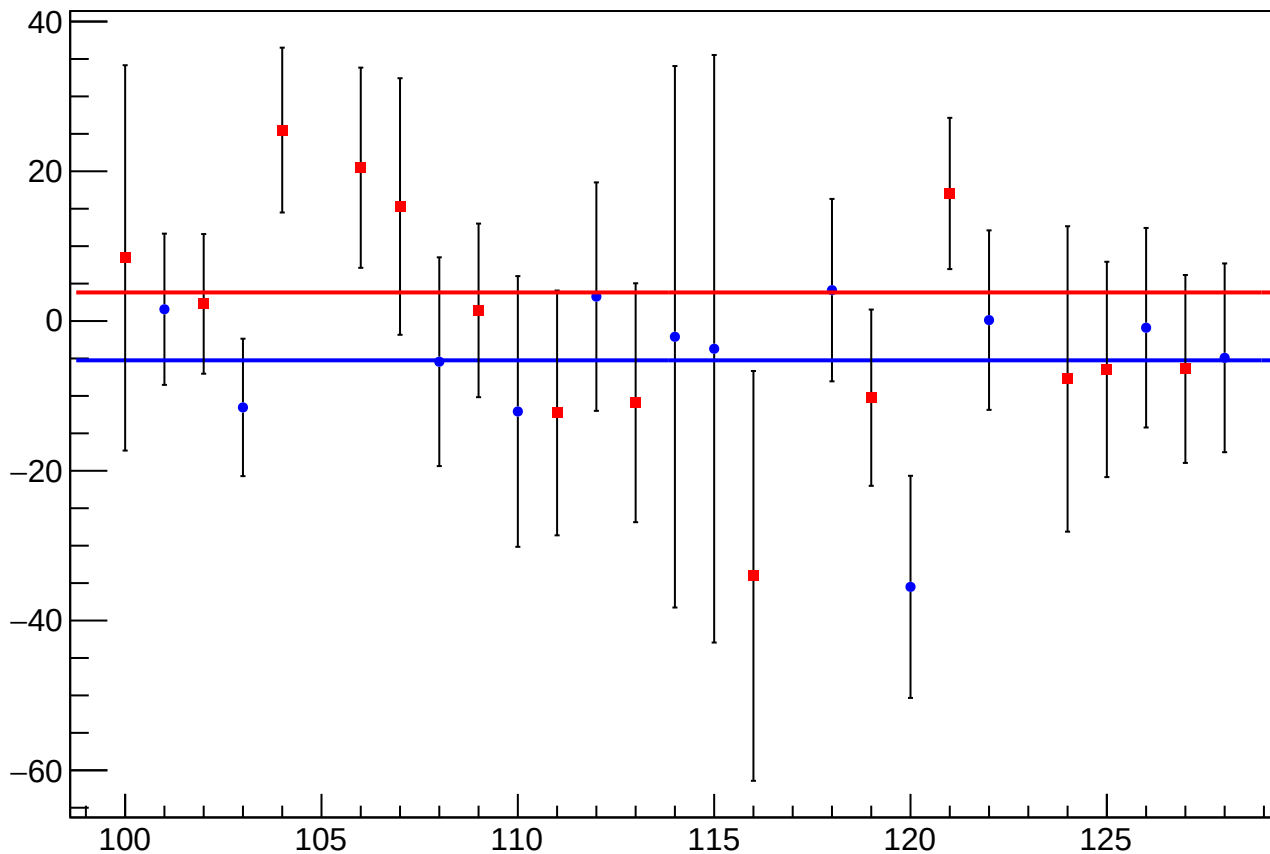
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 319.706 $\pm$ 0.070 χ^2 /NDF: 24262.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4acY_avg_mean vs Slug



Right In: -5.247+/-3.899 χ^2/NDF : 6.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.819+/-3.596 χ^2/NDF : 14.4/13

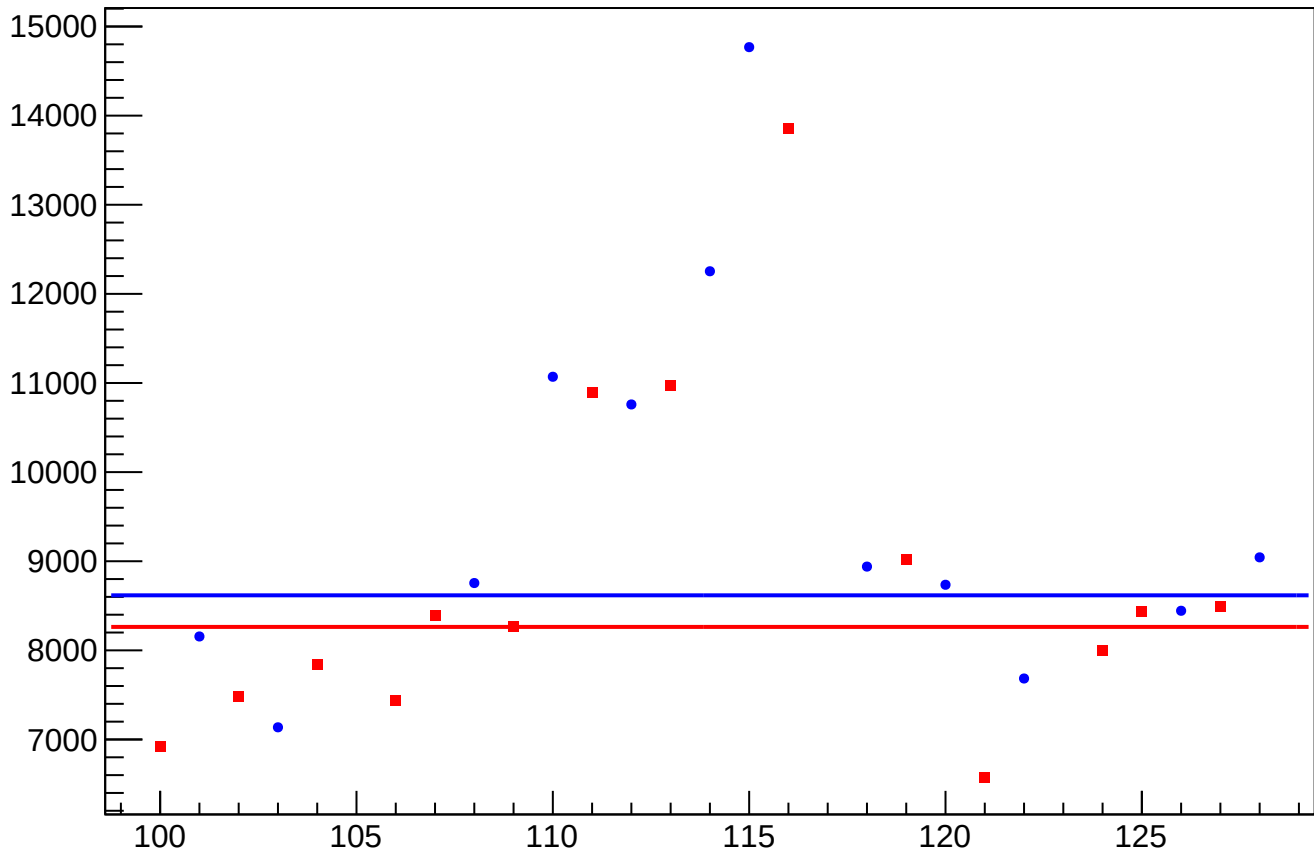
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.348+/-2.644 χ^2/NDF : 23.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4acY_avg_rms vs Slug



Right In: 8617.495+/-2.757 χ^2/NDF : 218347.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8263.047+/-2.543 χ^2/NDF : 287942.3/13

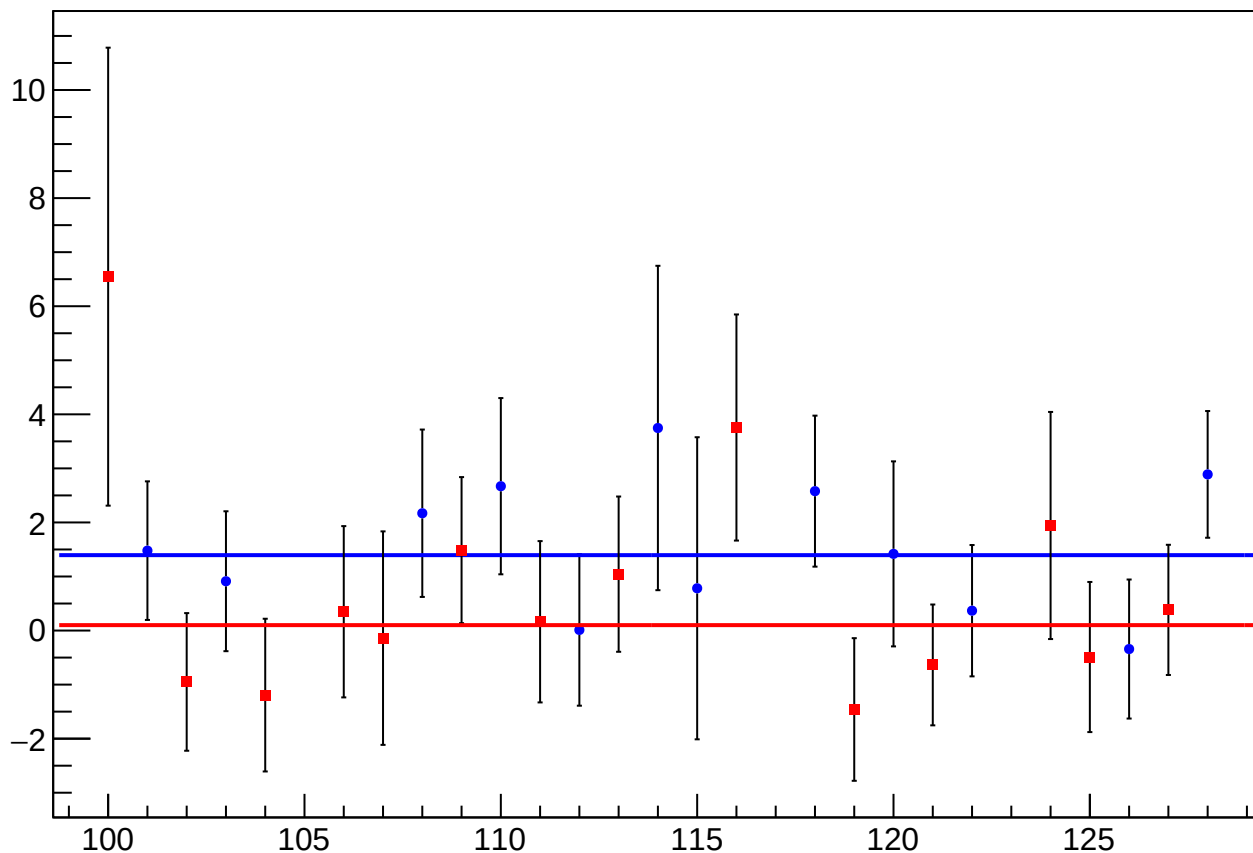
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8425.963+/-1.869 χ^2/NDF : 515219.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4acY_dd_mean vs Slug



Right In: 1.395 $\pm$ 0.422 χ^2 /NDF: 7.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.100 $\pm$ 0.397 χ^2 /NDF: 11.3/13

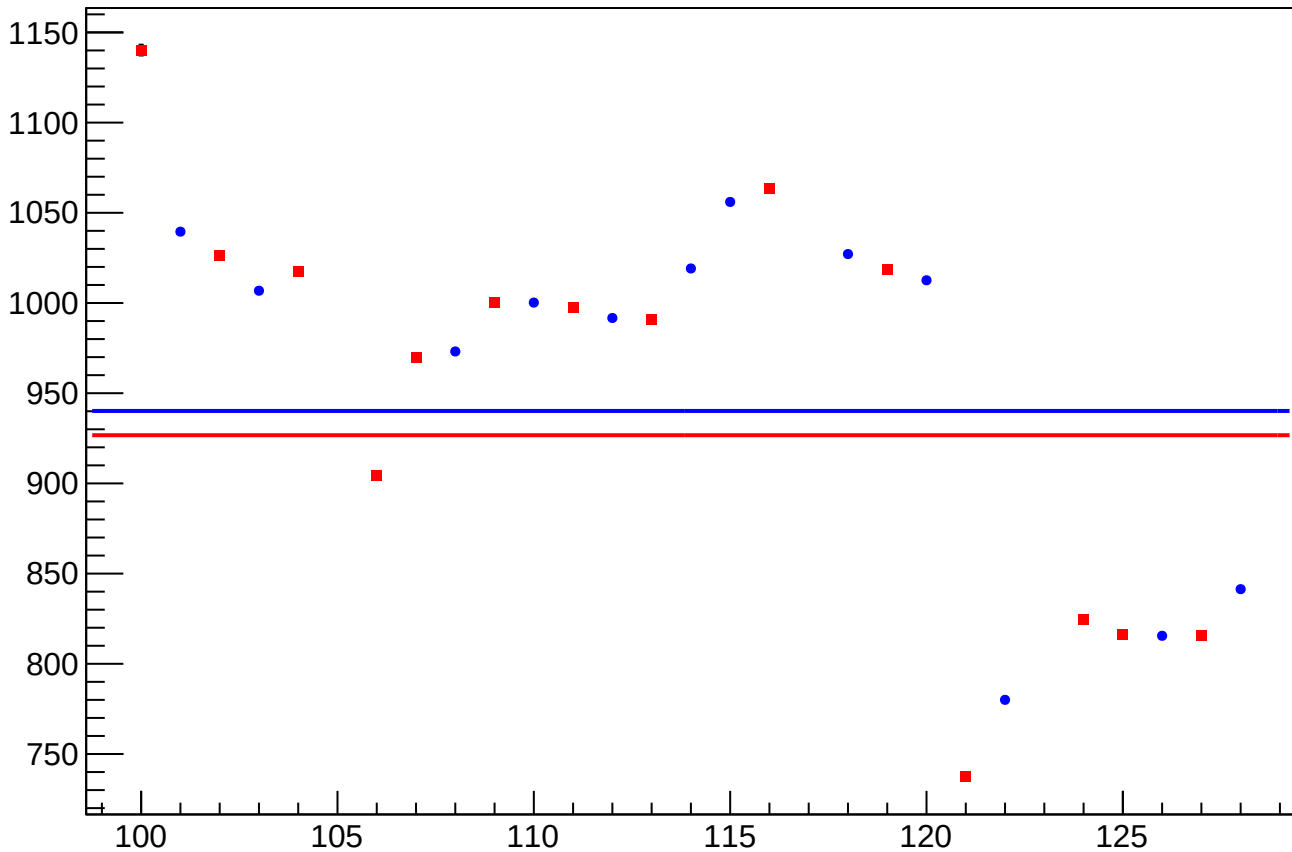
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.708 $\pm$ 0.289 χ^2 /NDF: 23.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4acY_dd_rms vs Slug



Right In: 940.169 $\pm$ 0.299 χ^2 /NDF: 107553.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 926.715 $\pm$ 0.281 χ^2 /NDF: 151271.6/13

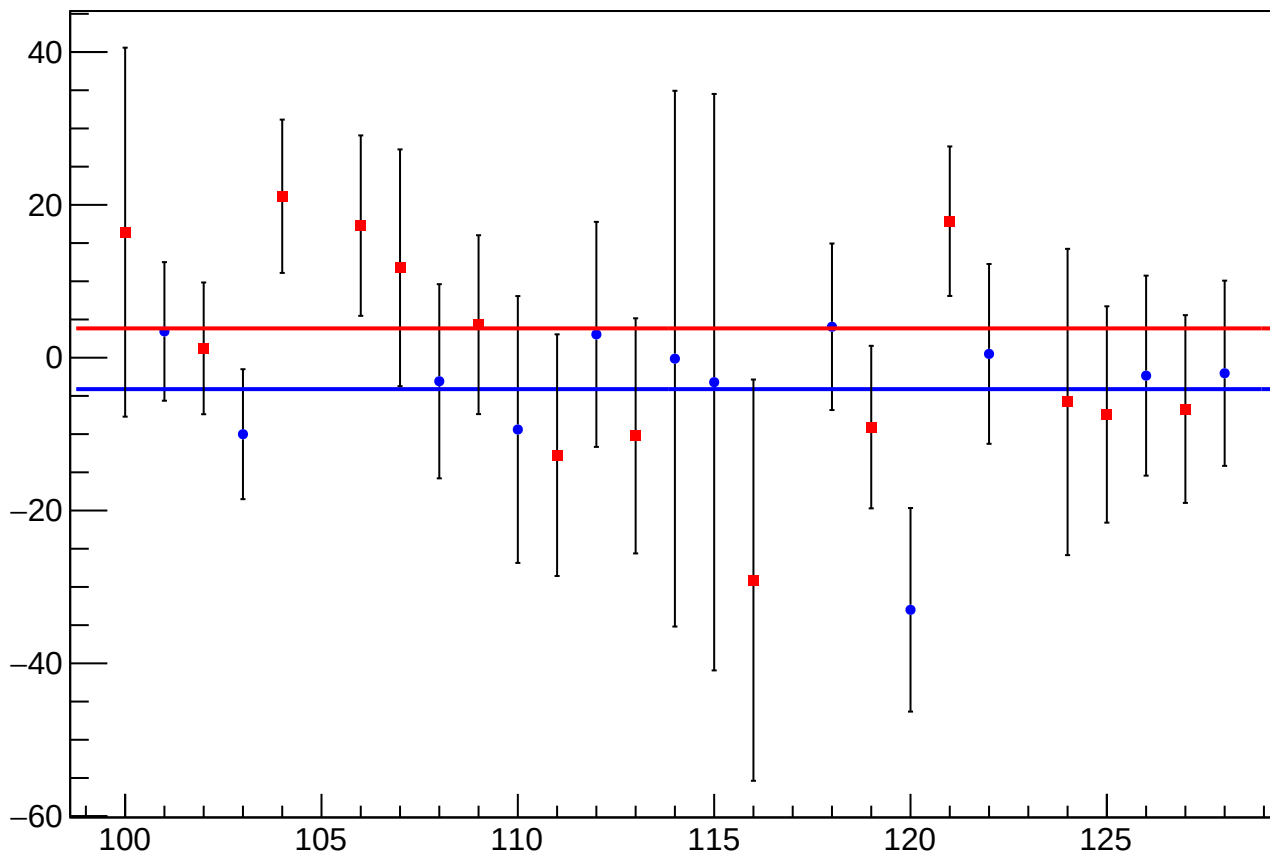
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 933.028 $\pm$ 0.204 χ^2 /NDF: 259903.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4eY_avg_mean vs Slug



Right In: -4.114+/-3.639 χ^2/NDF : 7.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.836+/-3.394 χ^2/NDF : 13.5/13

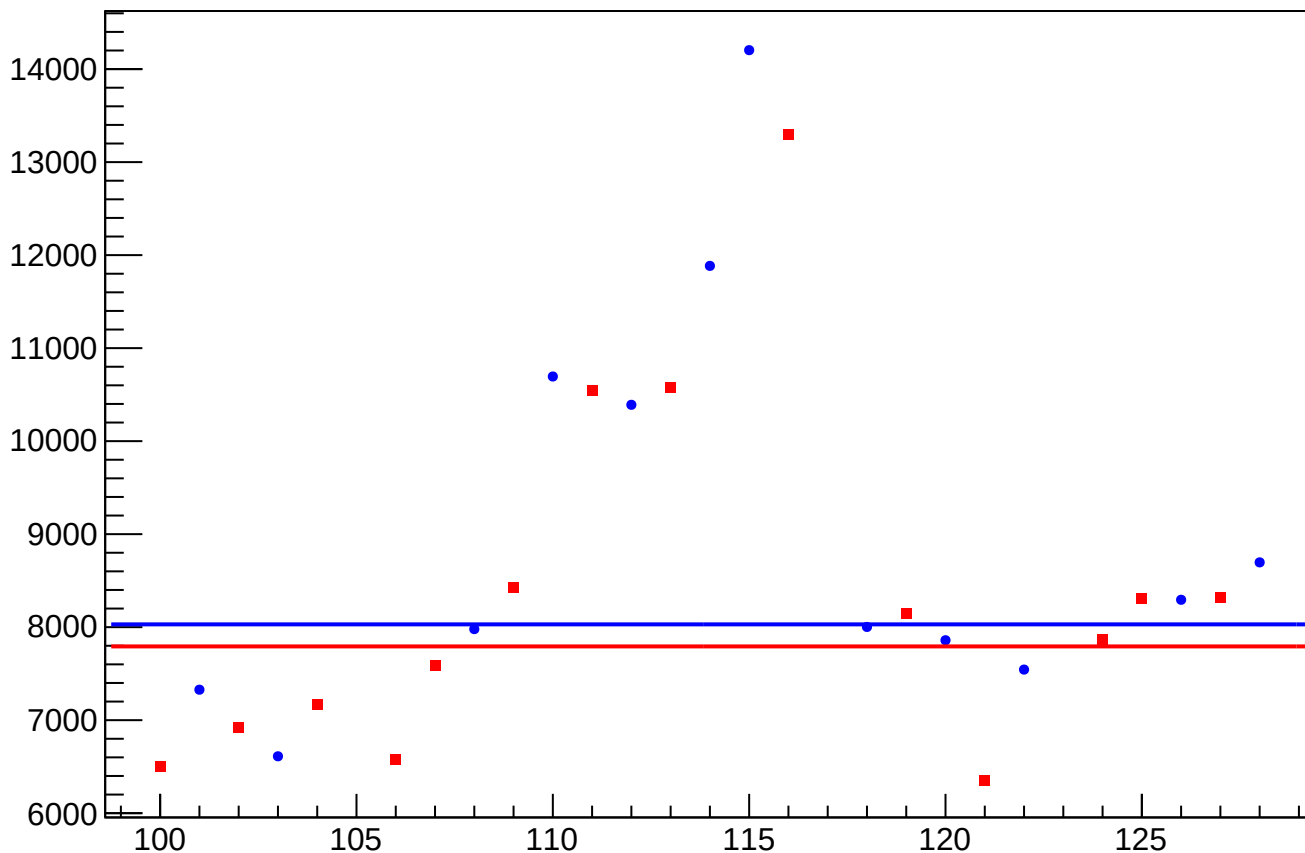
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.138+/-2.482 χ^2/NDF : 23.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4eY_avg_rms vs Slug



Right In: 8029.959+/-2.573 χ^2/NDF : 254074.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7792.974+/-2.400 χ^2/NDF : 327015.0/13

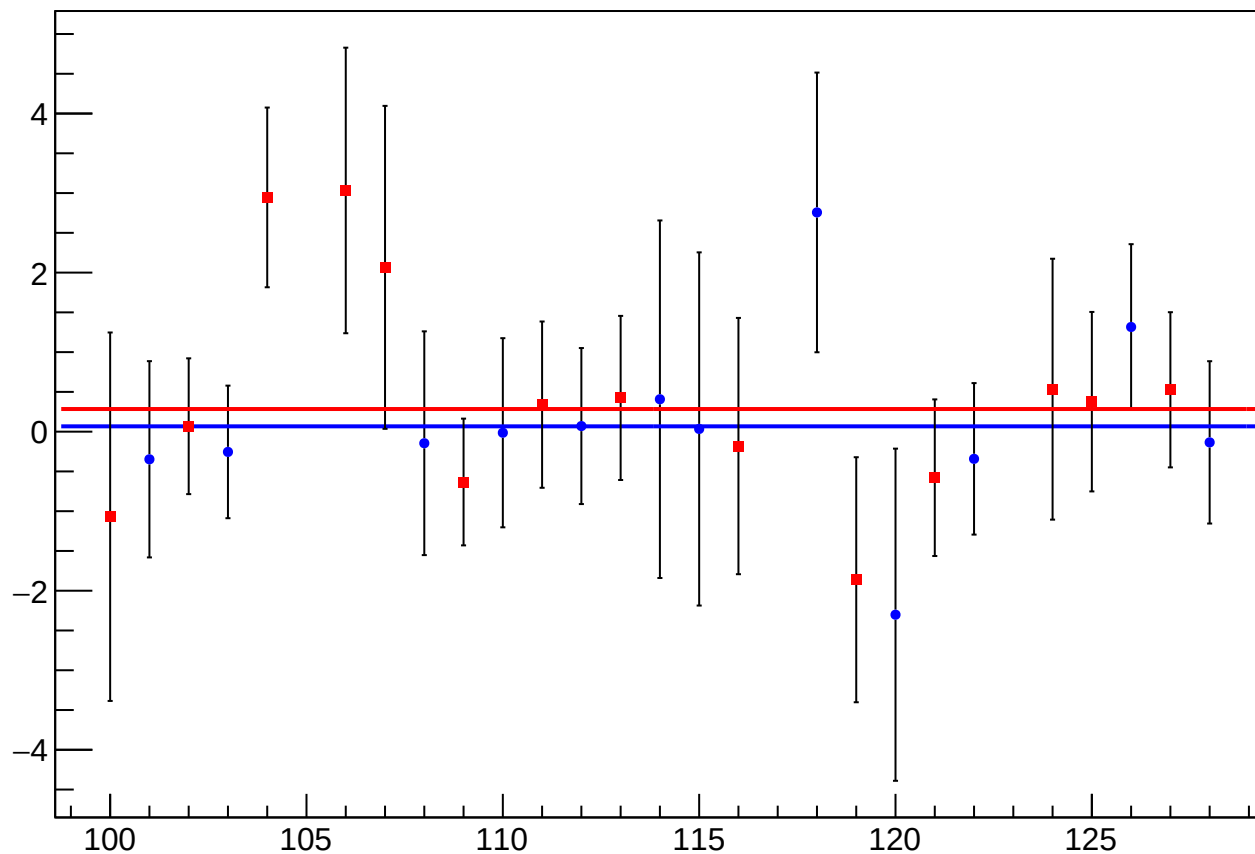
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7903.224+/-1.755 χ^2/NDF : 585626.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4eY_dd_mean vs Slug



Right In: 0.067 ± 0.347 χ^2/NDF : 5.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.285 ± 0.311 χ^2/NDF : 13.3/13

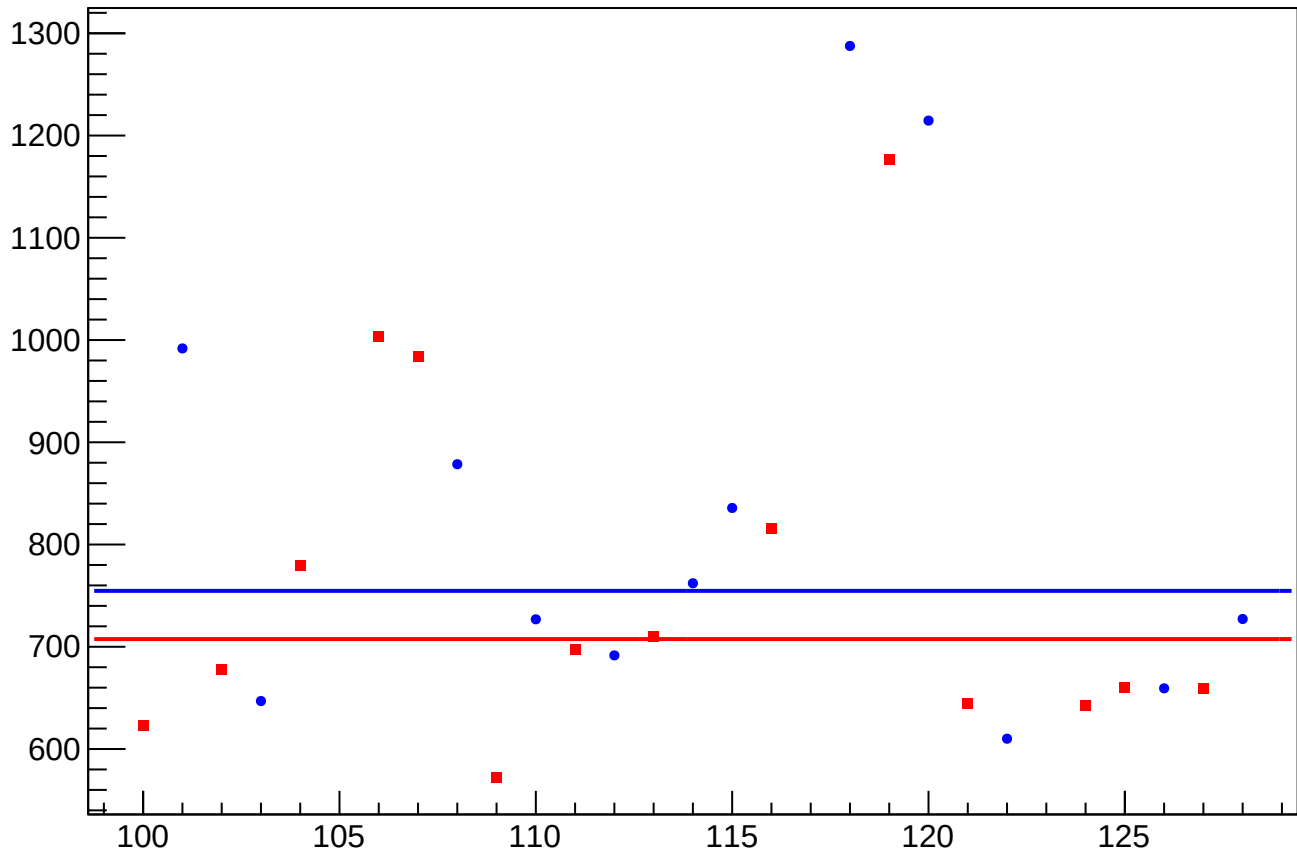
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.188 ± 0.232 χ^2/NDF : 19.1/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4eY_dd_rms vs Slug



Right In: 754.681+/-0.246 χ^2/NDF : 479887.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 707.530+/-0.220 χ^2/NDF : 376067.0/13

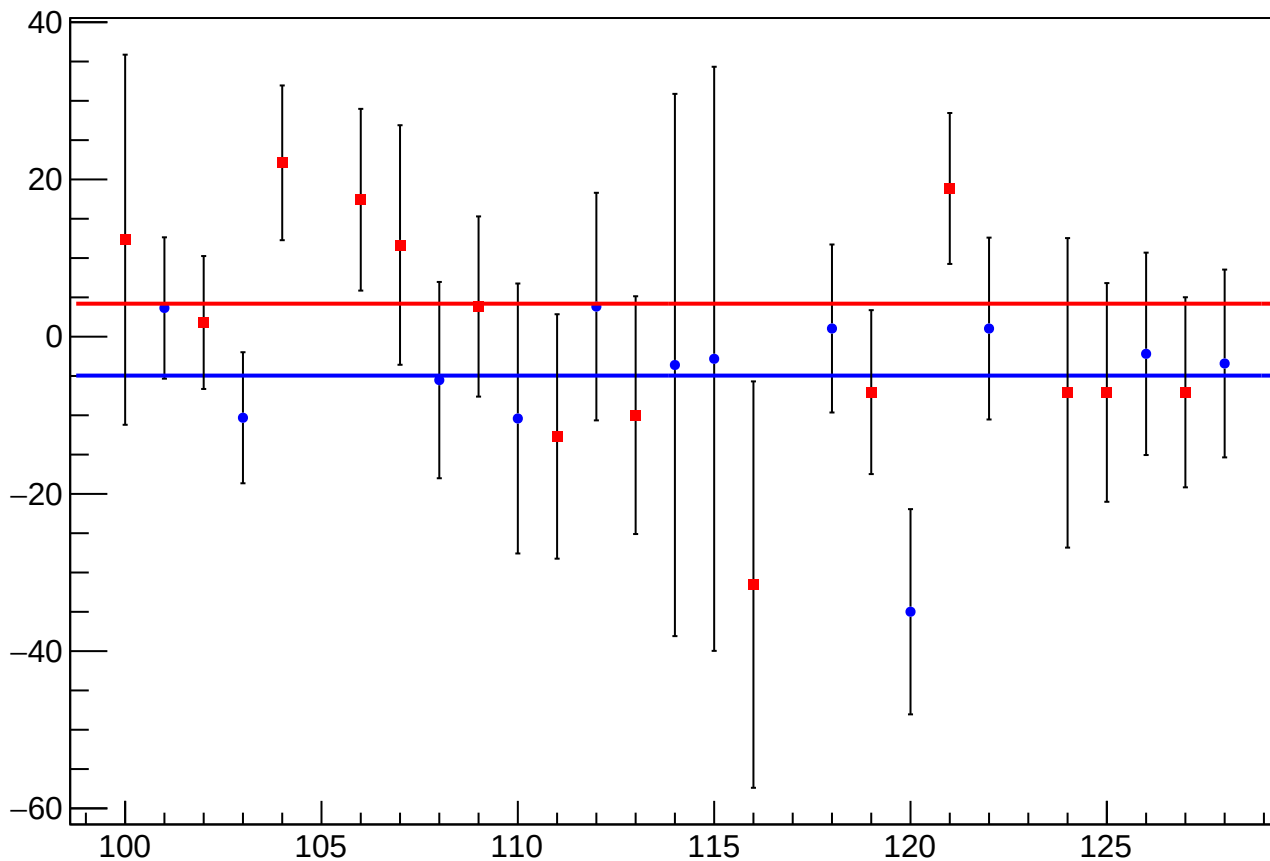
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 728.473+/-0.164 χ^2/NDF : 876433.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4ecY_avg_mean vs Slug



Right In: -4.950+/-3.579 χ^2/NDF : 7.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.197+/-3.330 χ^2/NDF : 14.4/13

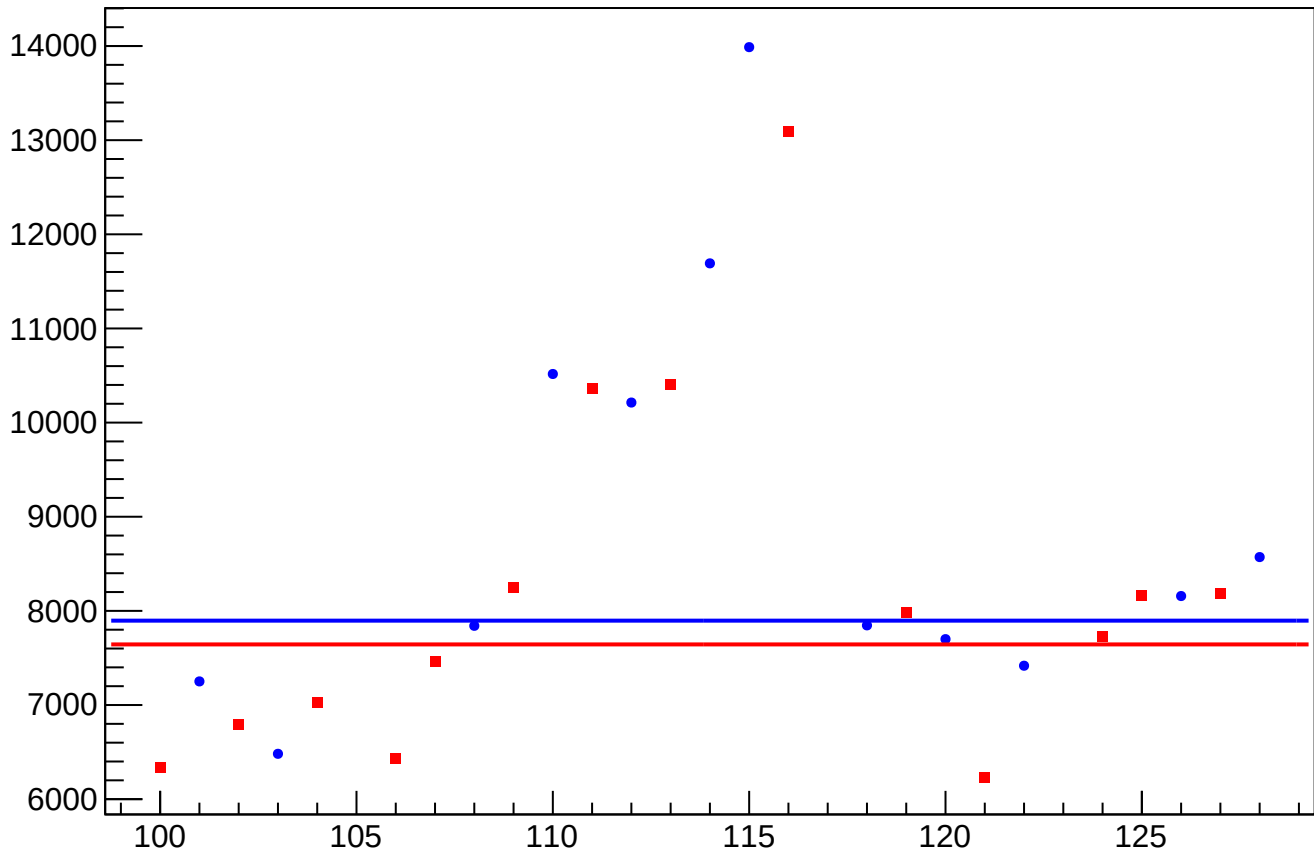
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.047+/-2.438 χ^2/NDF : 25.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4ecY_avg_rms vs Slug



Right In: 7896.180+/-2.531 χ^2/NDF : 254887.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

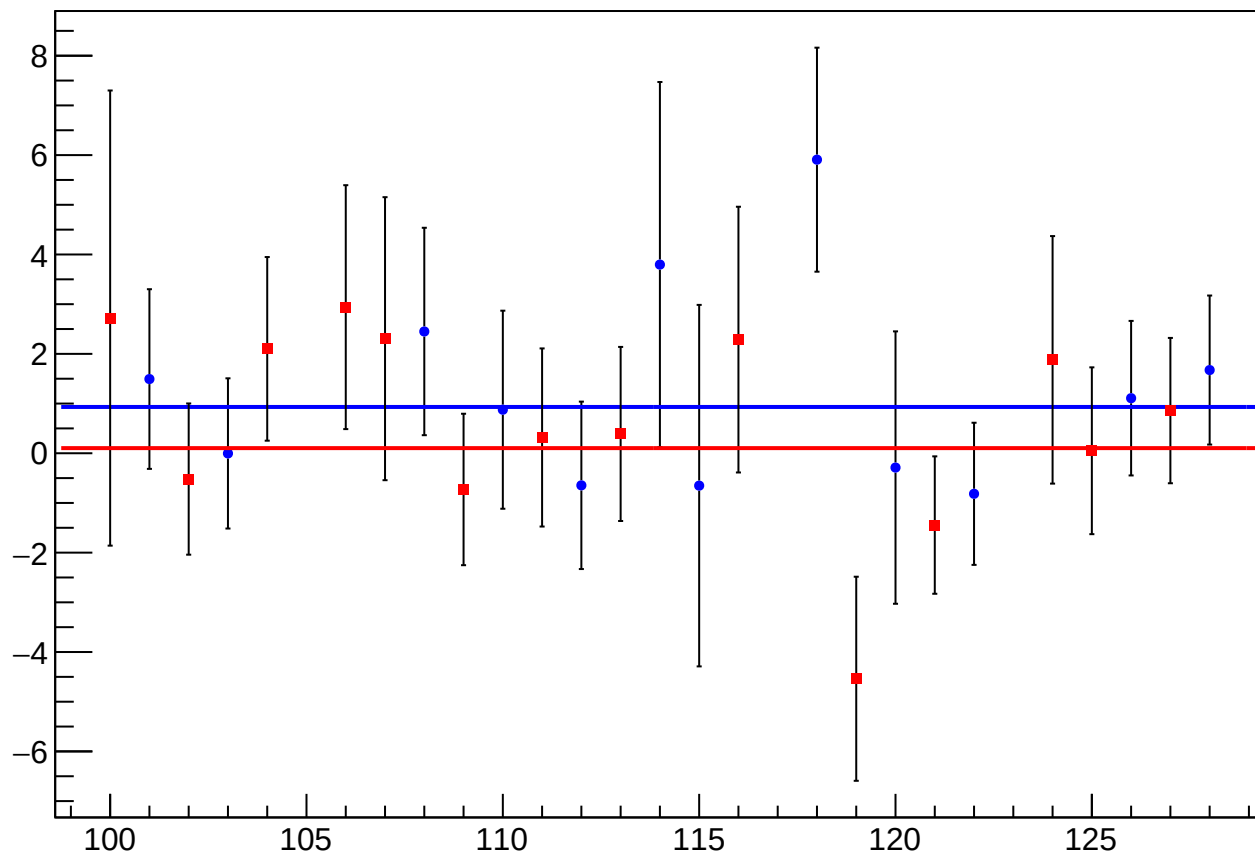
Right Out: 7643.730+/-2.355 χ^2/NDF : 330593.9/13

All: 7760.866+/-1.724 χ^2/NDF : 590814.1/25

- 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: 0.932 ± 0.542 χ^2/NDF : 9.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.103 ± 0.499 χ^2/NDF : 11.7/13

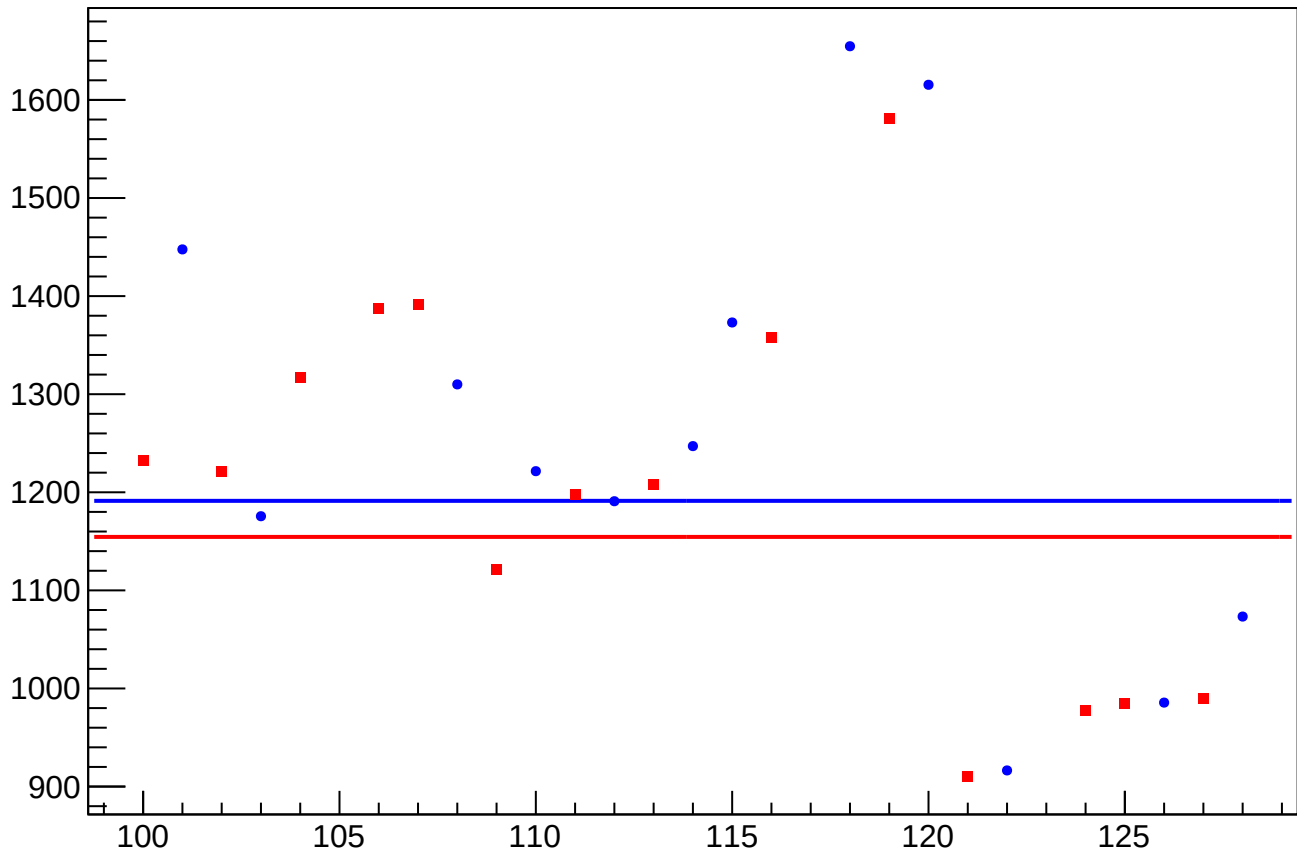
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.483 ± 0.367 χ^2/NDF : 22.5/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4ecY_dd_rms vs Slug



Right In: 1191.270+/-0.383 χ^2/NDF : 306489.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1154.508+/-0.353 χ^2/NDF : 272347.0/13

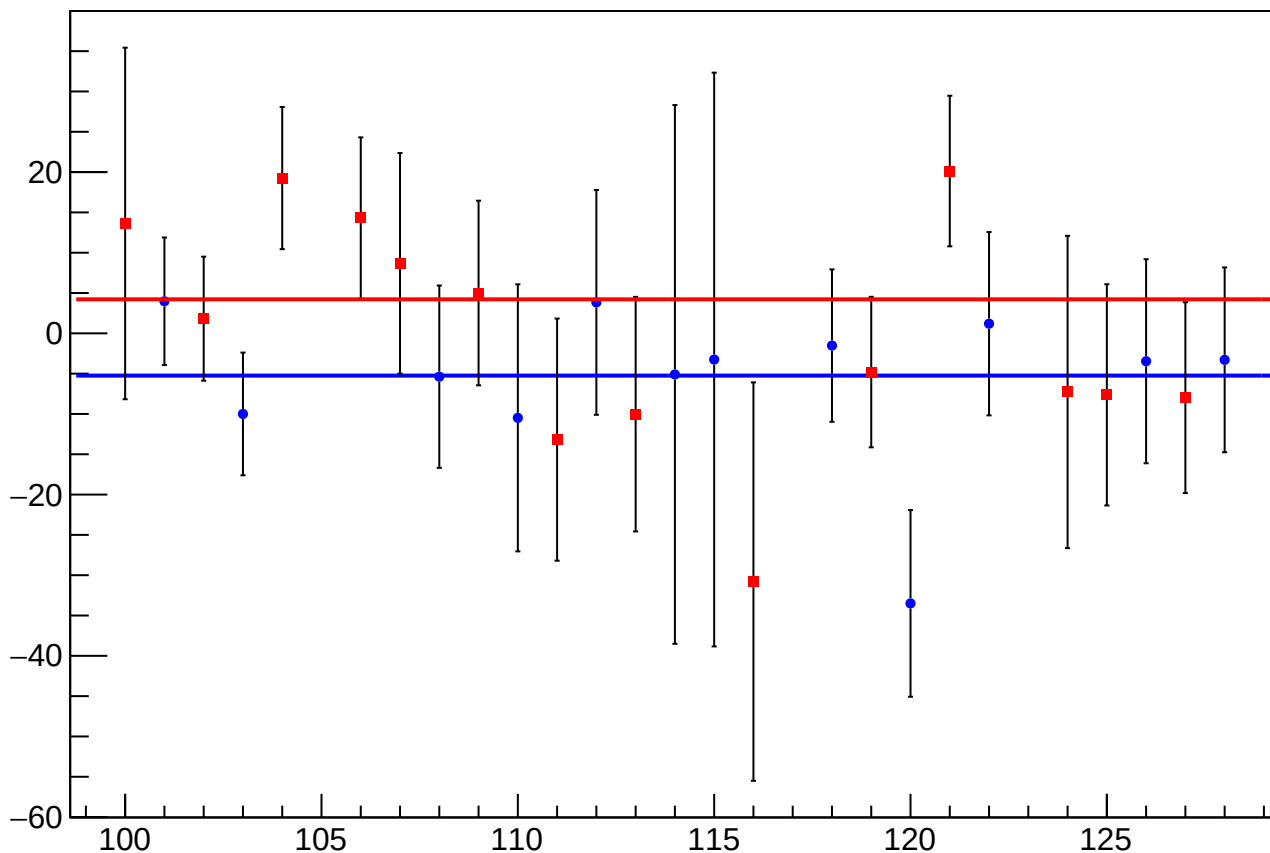
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1171.379+/-0.260 χ^2/NDF : 583814.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4eY_4ecY_avg_mean vs Slug



Right In: -5.242+/-3.301 χ^2/NDF : 8.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.218+/-3.105 χ^2/NDF : 14.6/13

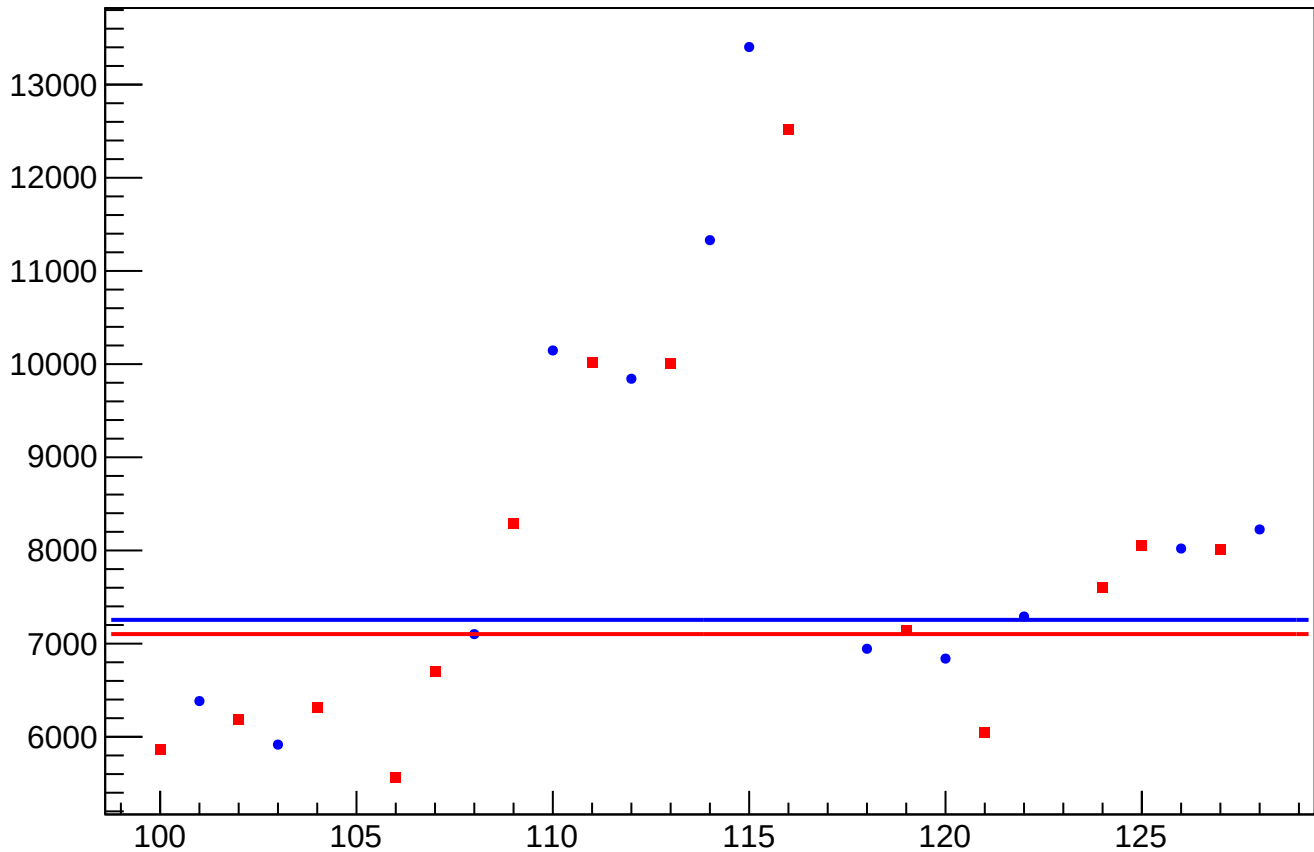
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.223+/-2.262 χ^2/NDF : 27.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4eY_4ecY_avg_rms vs Slug



Right In: 7255.250+/-2.334 χ^2/NDF : 332243.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7102.585+/-2.196 χ^2/NDF : 420554.9/13

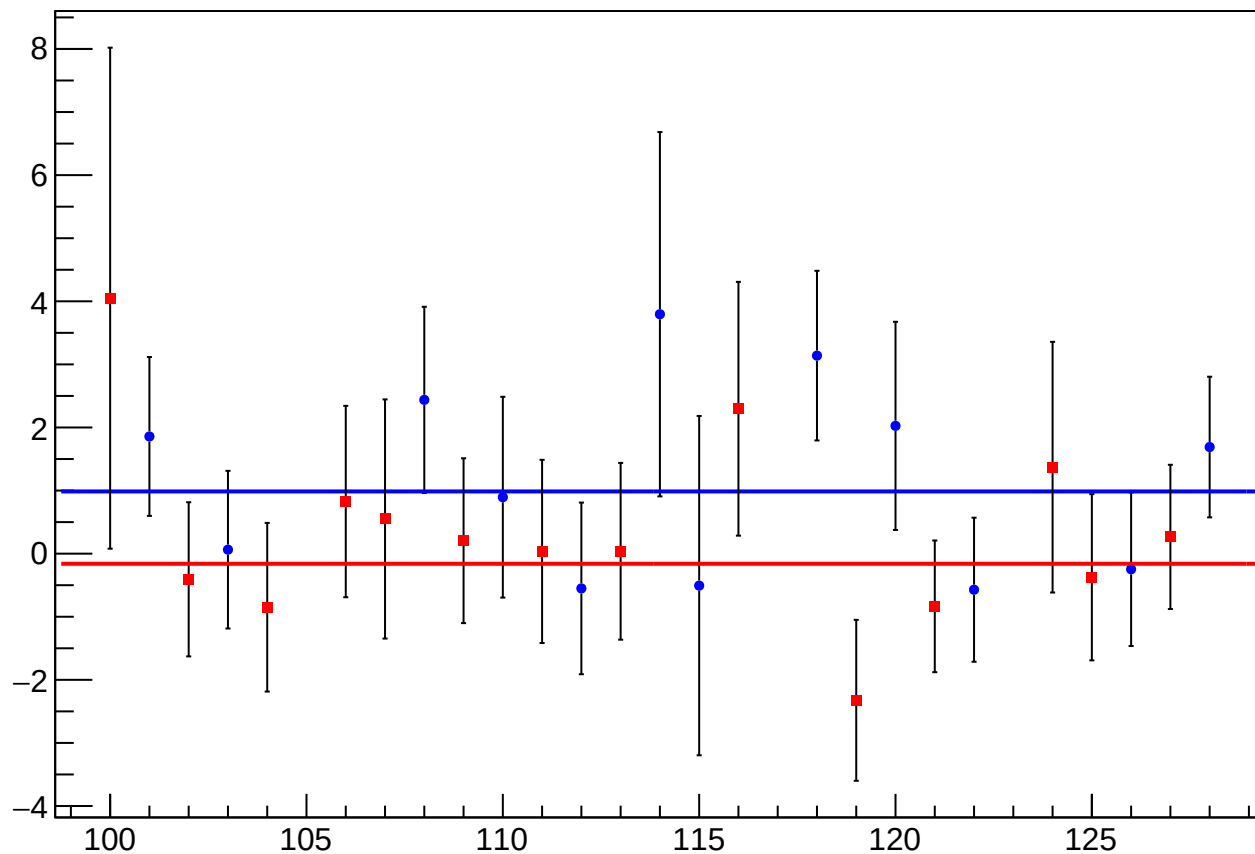
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7174.255+/-1.599 χ^2/NDF : 755067.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4eY_4ecY_dd_mean vs Slug



Right In: 0.986 $\pm$ 0.405 χ^2 /NDF: 10.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.160 $\pm$ 0.379 χ^2 /NDF: 7.7/13

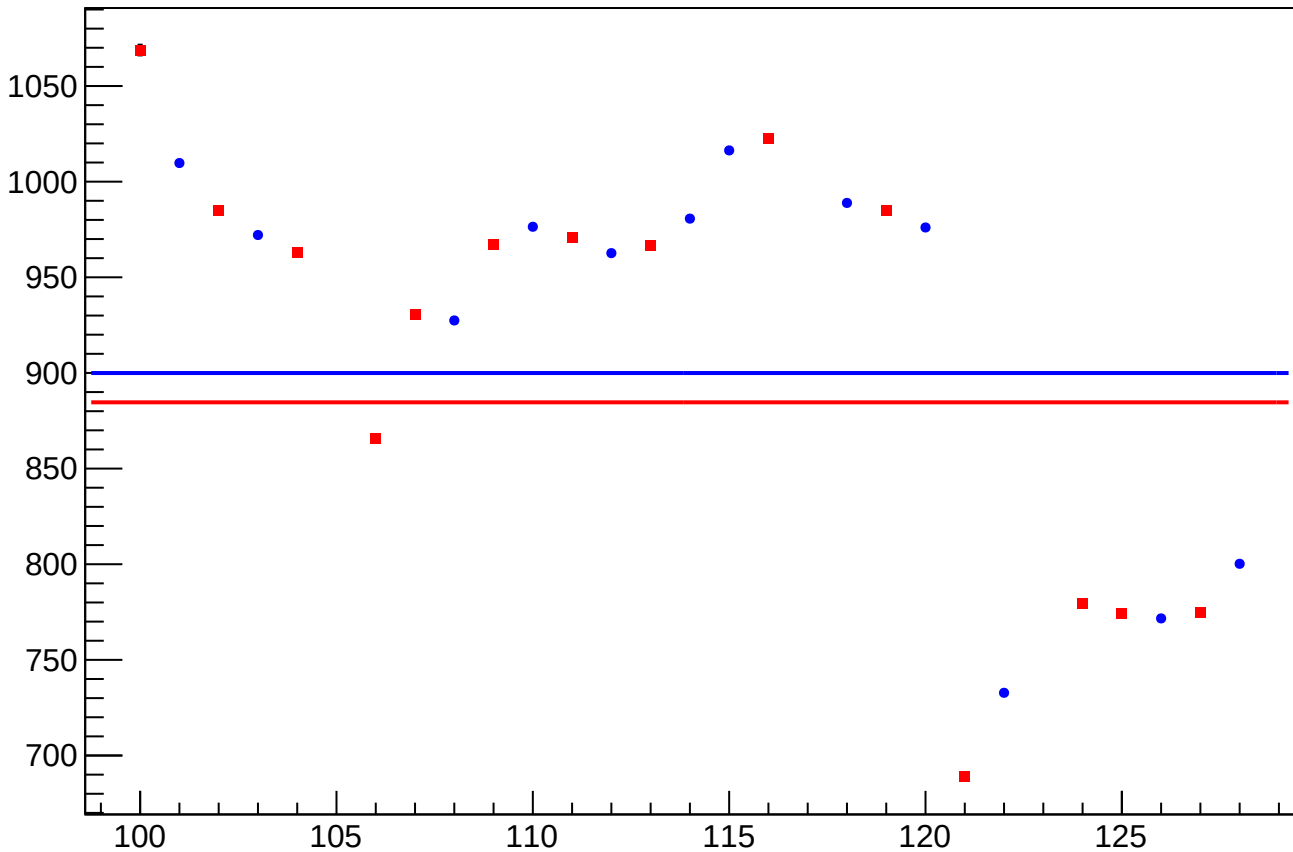
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.375 $\pm$ 0.277 χ^2 /NDF: 22.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4eY_4ecY_dd_rms vs Slug



Right In: 899.952 $\pm$ 0.286 χ^2 /NDF: 130857.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

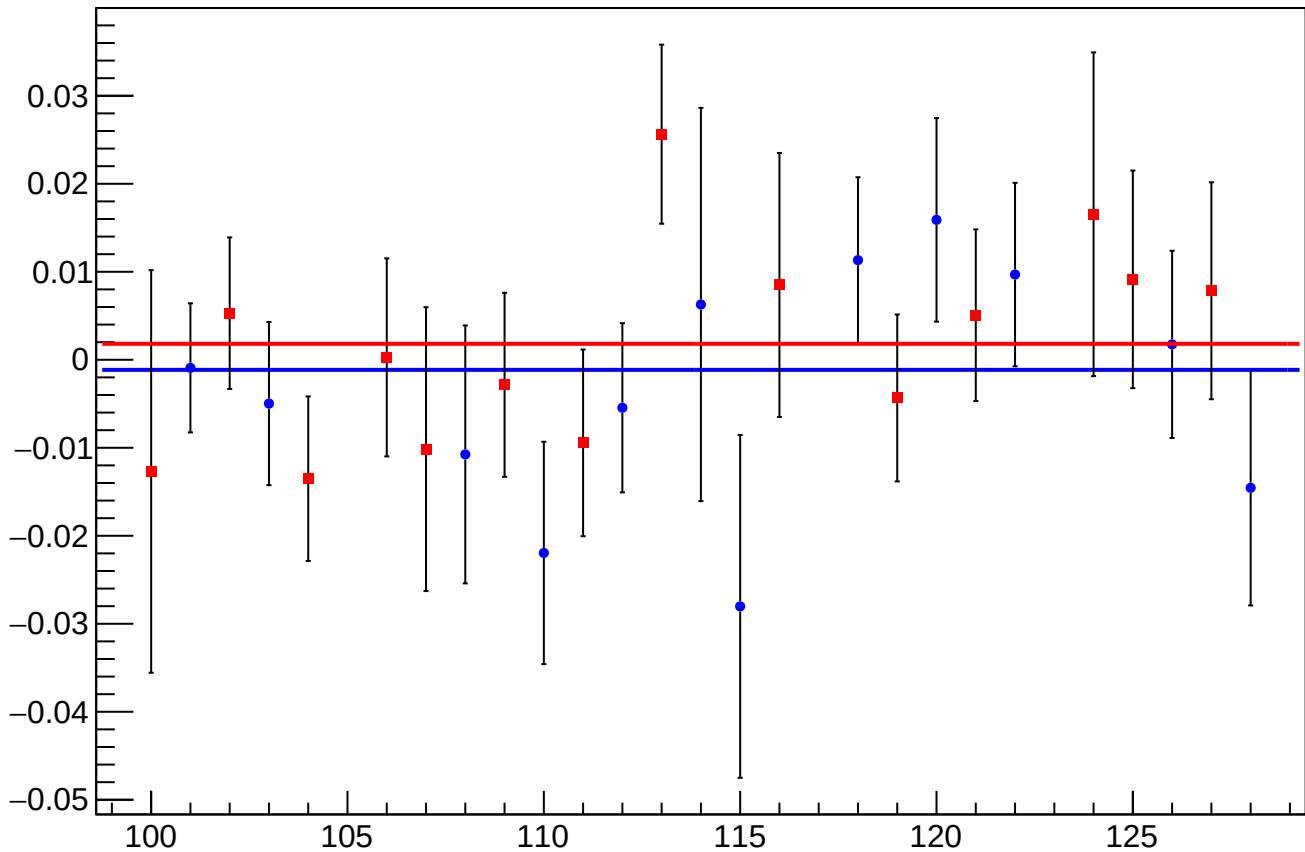
Right Out: 884.635 $\pm$ 0.268 χ^2 /NDF: 178190.0/13

All: 891.790 $\pm$ 0.196 χ^2 /NDF: 310570.8/25

- sign 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_dispE_bpm12X_mean vs Slug



Right In: -0.001 $\pm$ 0.003 χ^2 /NDF: 11.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.003 χ^2 /NDF: 12.6/13

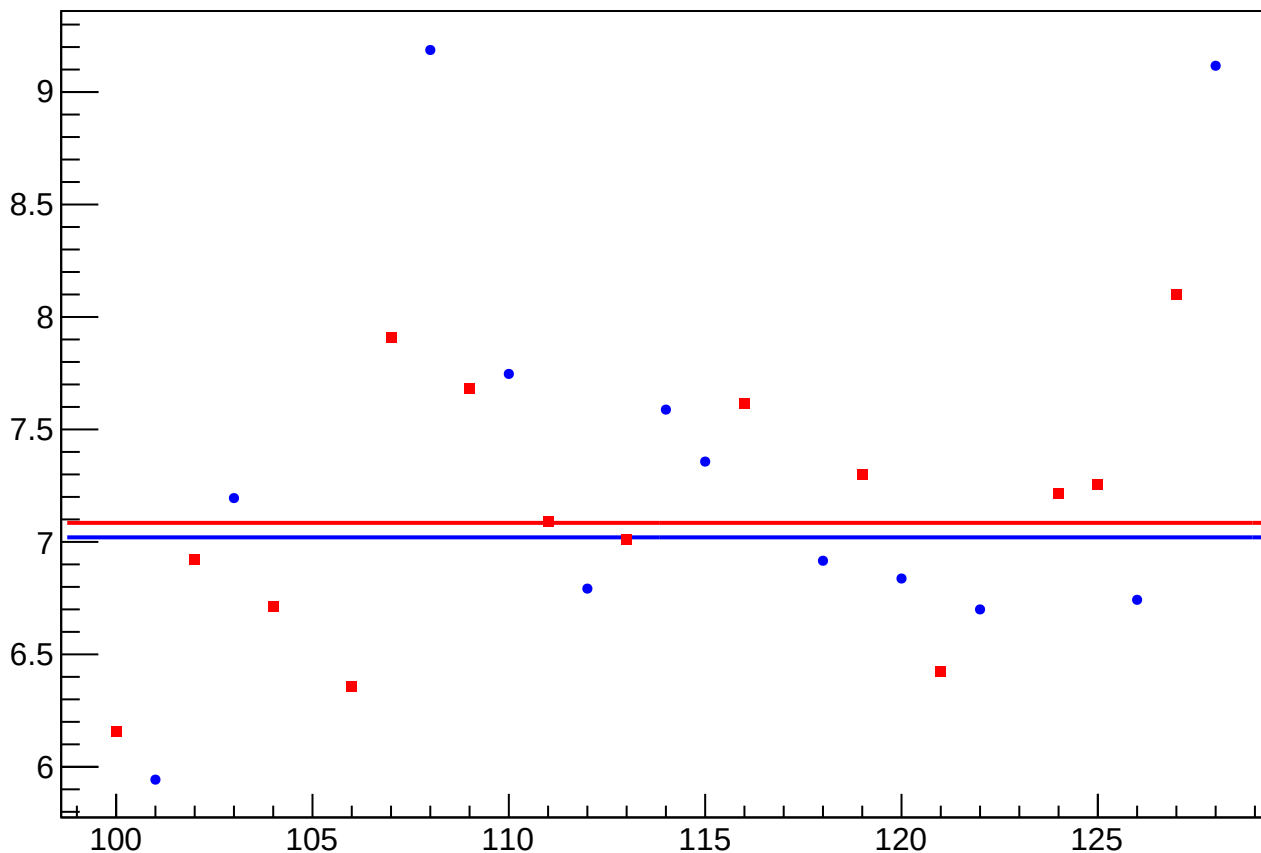
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.002 χ^2 /NDF: 24.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_dispE_bpm12X_rms vs Slug



Right In: 7.020 $\pm$ 0.002 χ^2 /NDF: 150332.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.085 $\pm$ 0.002 χ^2 /NDF: 54135.9/13

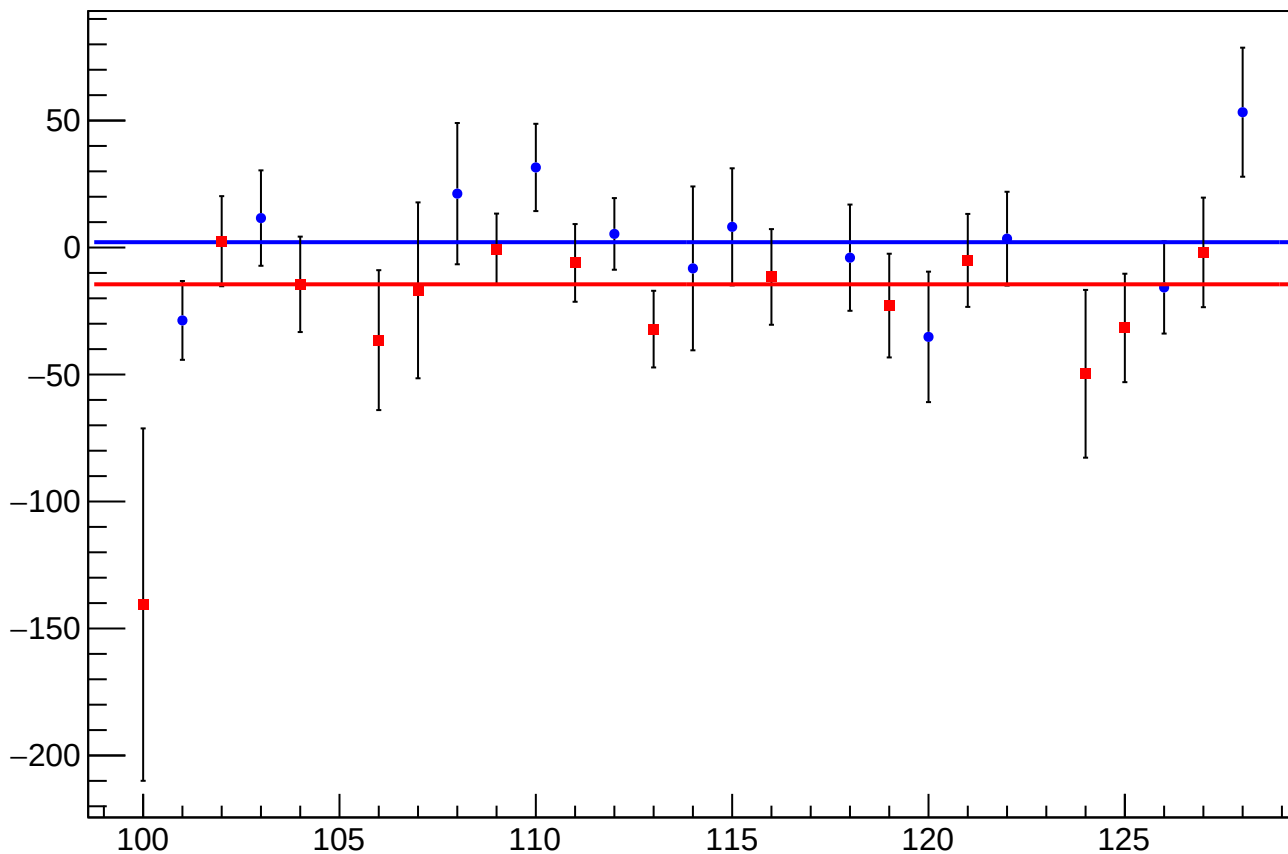
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.054 $\pm$ 0.002 χ^2 /NDF: 204897.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_targ_positionX_mean vs Slug



Right In: 2.107+/-5.693 χ^2/NDF : 15.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.479+/-5.297 χ^2/NDF : 10.1/13

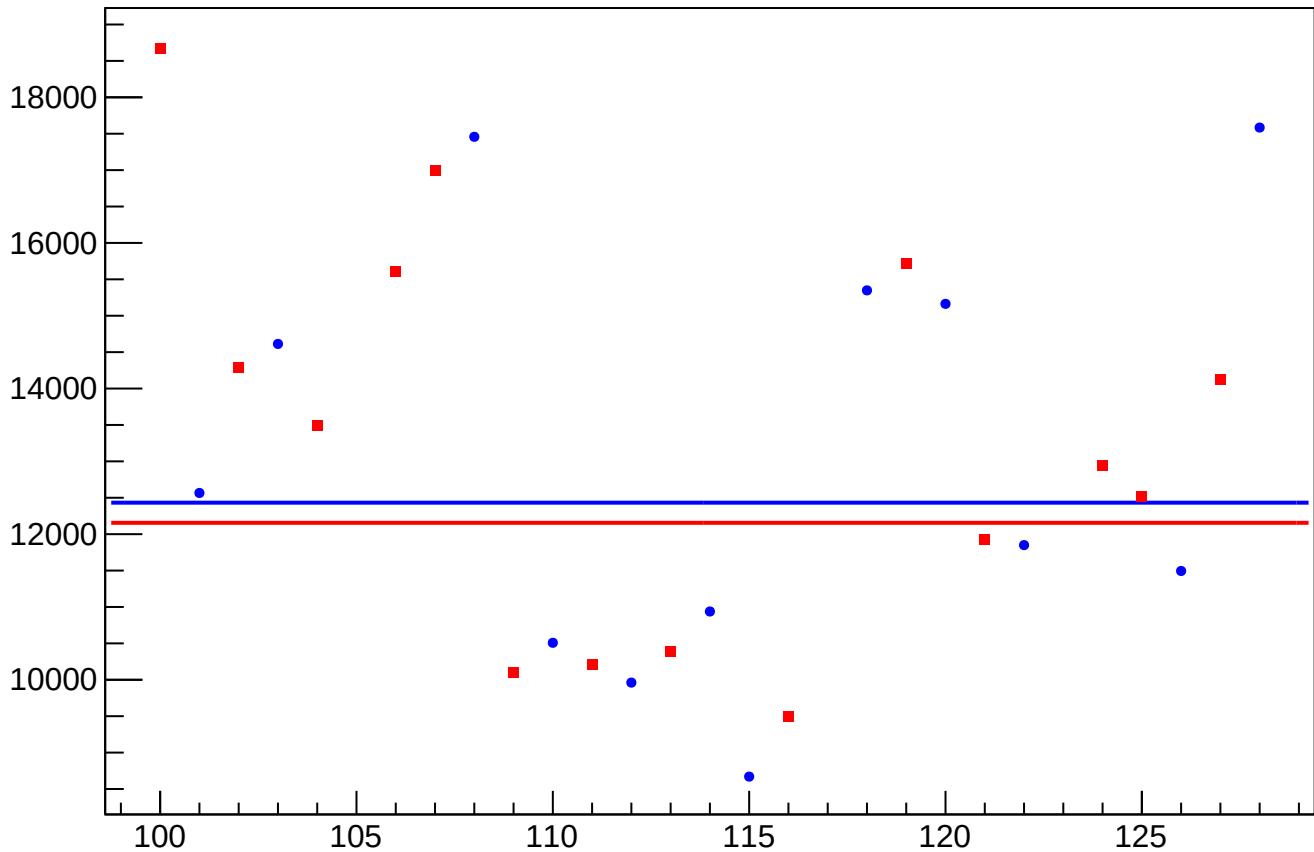
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.783+/-3.878 χ^2/NDF : 29.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_targ_positionX_rms vs Slug



Right In: 12432.638+/-4.025 χ^2/NDF : 387496.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12155.954+/-3.745 χ^2/NDF : 349315.9/13

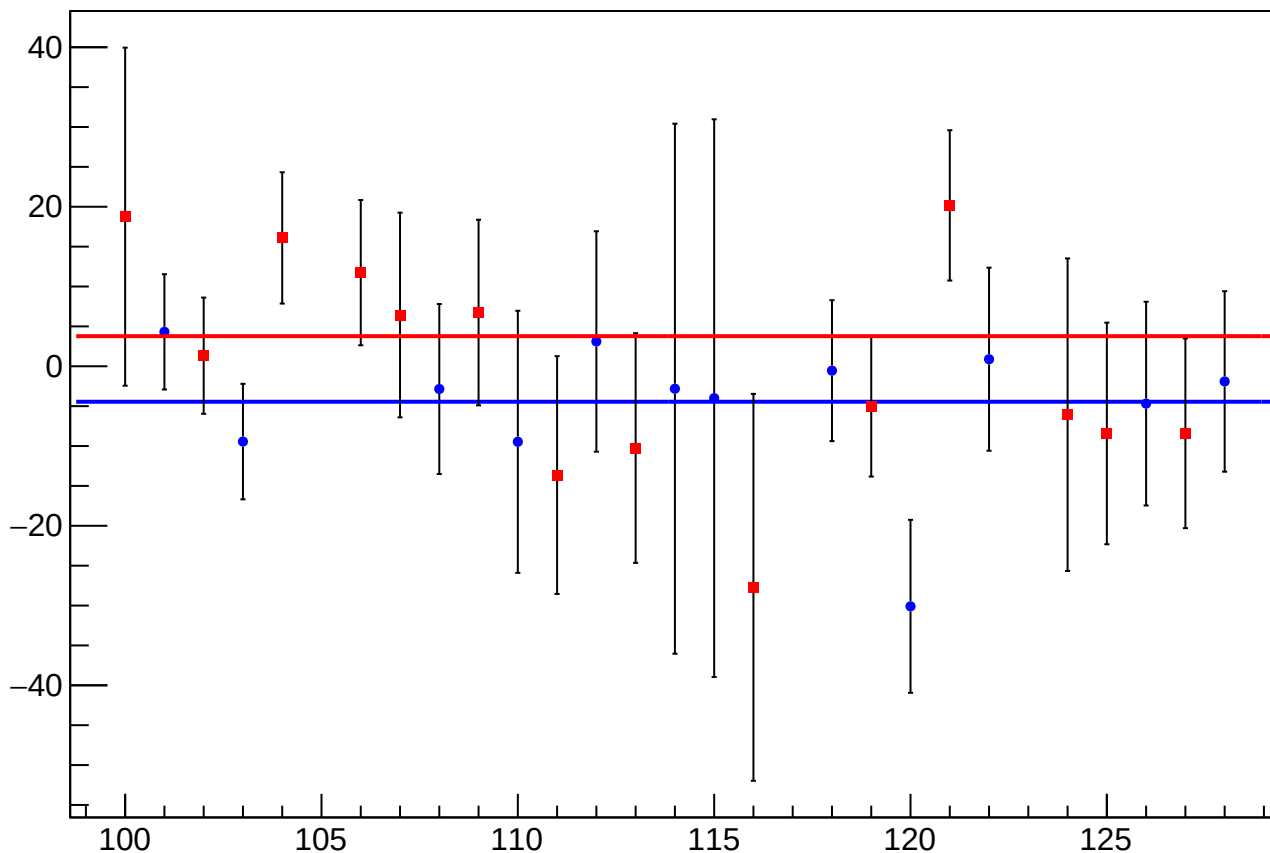
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12284.335+/-2.742 χ^2/NDF : 739344.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_targ_positionY_mean vs Slug



Right In: -4.447+/-3.154 χ^2/NDF : 8.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.774+/-2.997 χ^2/NDF : 13.8/13

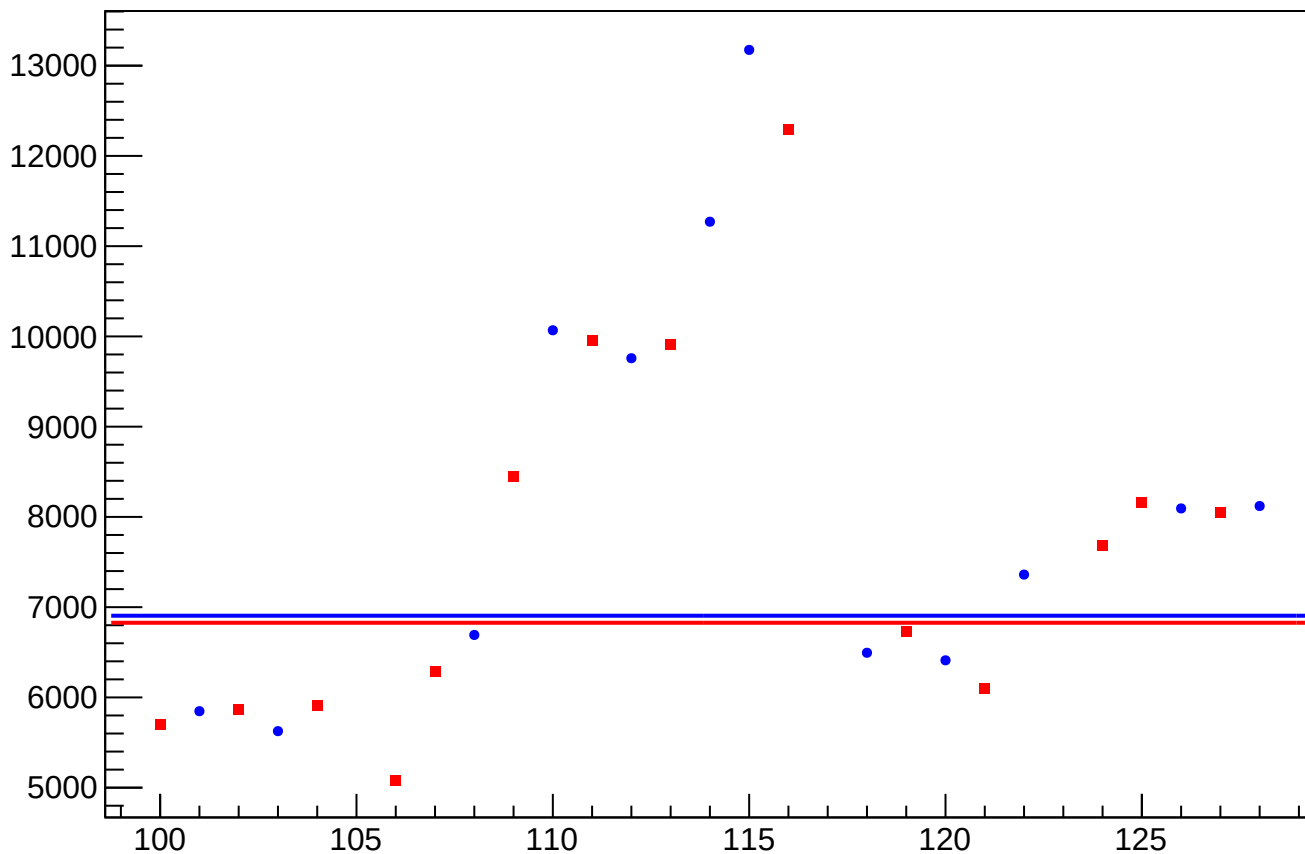
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.127+/-2.172 χ^2/NDF : 25.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_targ_positionY_rms vs Slug



Right In: 6905.203+/-2.230 χ^2/NDF : 416306.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6827.178+/-2.119 χ^2/NDF : 517700.7/13

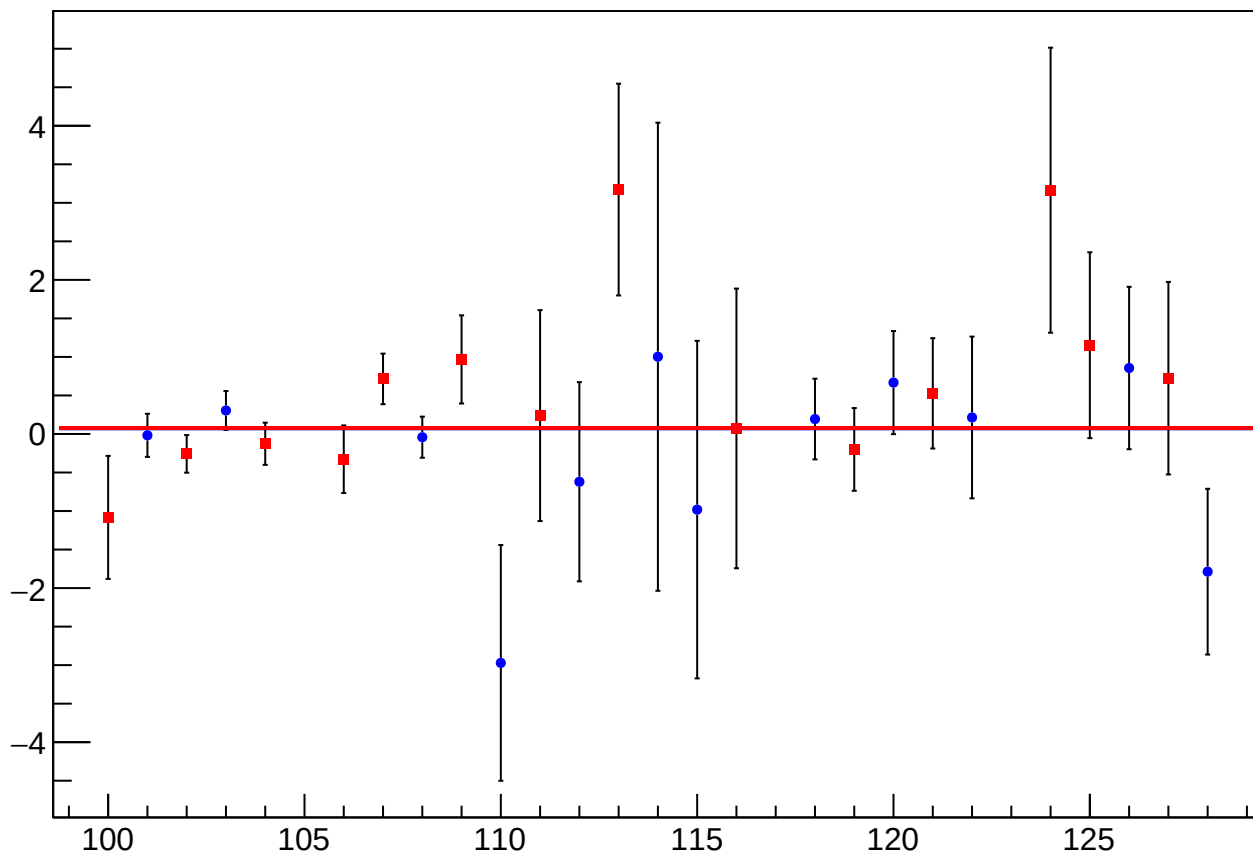
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6864.200+/-1.536 χ^2/NDF : 934650.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_targ_thetaX_mean vs Slug



Right In: 0.074 $\pm$ 0.138 χ^2 /NDF: 10.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.078 $\pm$ 0.132 χ^2 /NDF: 21.2/13

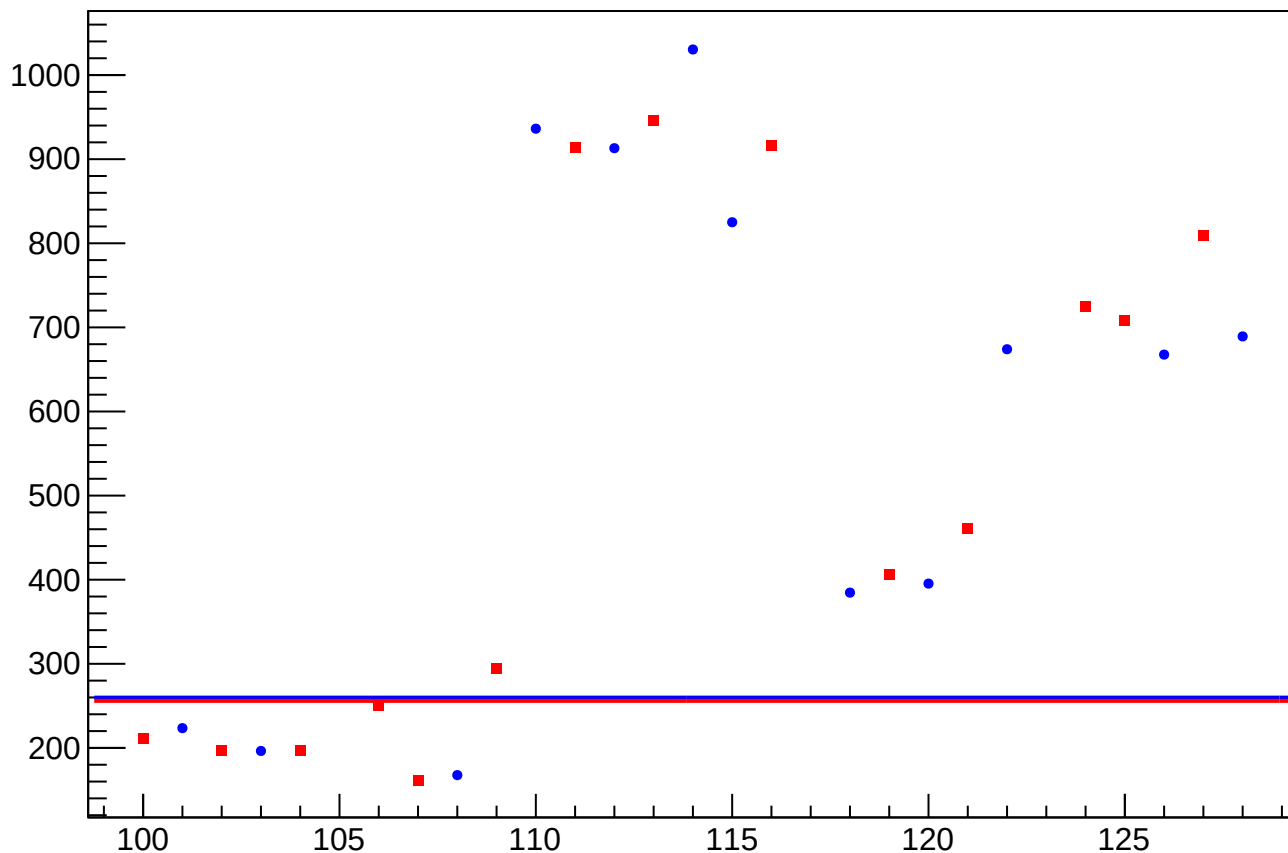
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.076 $\pm$ 0.095 χ^2 /NDF: 31.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_targ_thetaX_rms vs Slug



Right In: 259.809+/-0.098 χ^2/NDF : 2687553.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 255.916+/-0.093 χ^2/NDF : 2749446.7/13

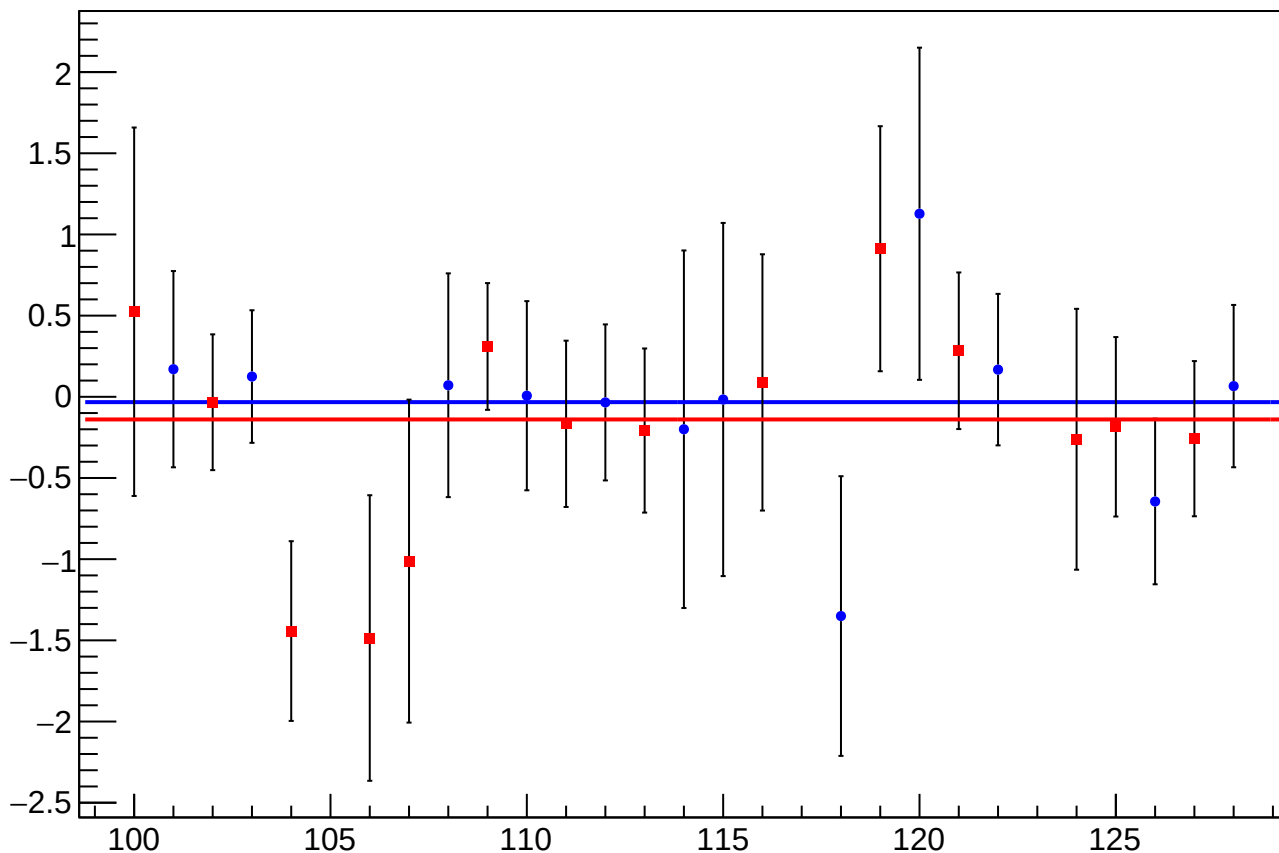
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 257.770+/-0.067 χ^2/NDF : 5437832.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_targ_thetaY_mean vs Slug



Right In: -0.033+/-0.170 χ^2/NDF : 5.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.139+/-0.152 χ^2/NDF : 13.3/13

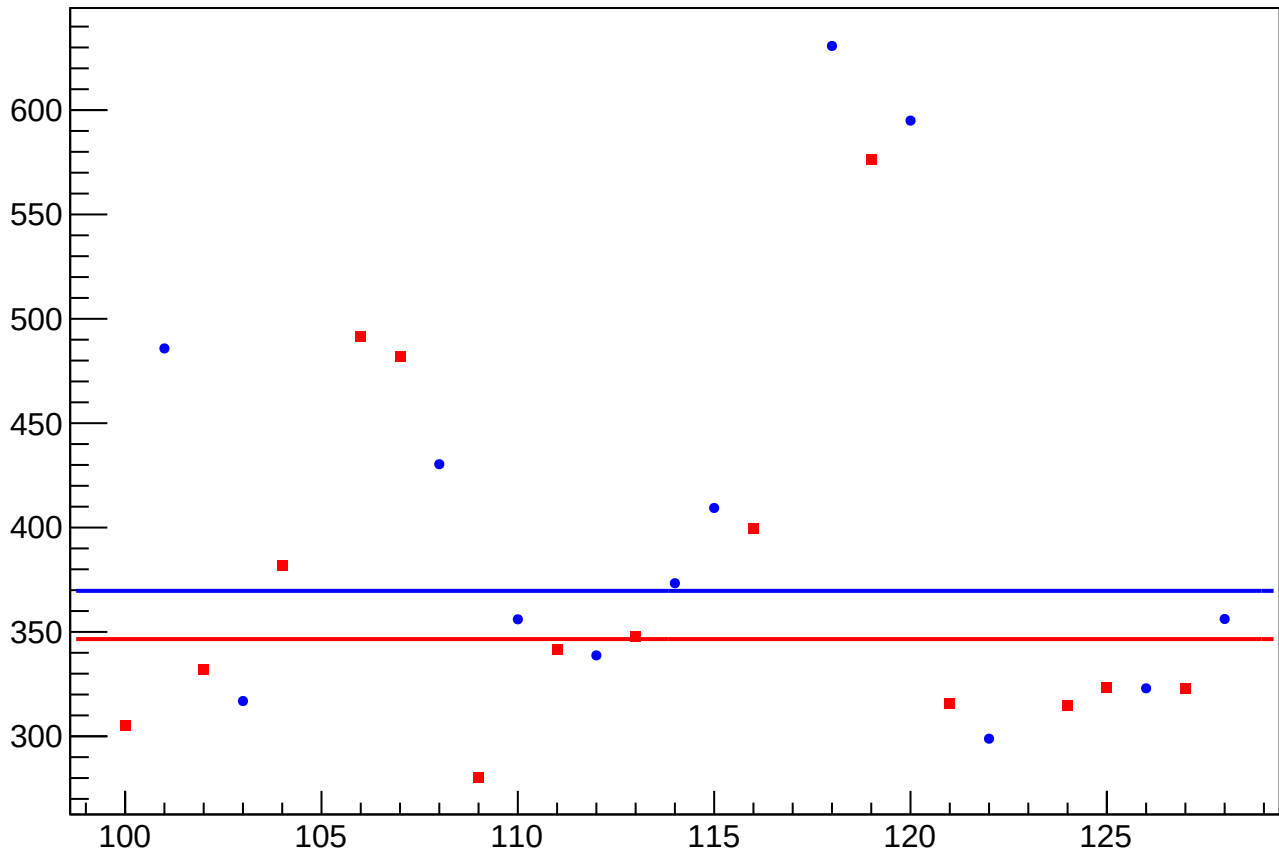
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.092+/-0.113 χ^2/NDF : 19.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_targ_thetaY_rms vs Slug



Right In: 369.670 $\pm$ 0.120 χ^2 /NDF: 479887.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 346.574 $\pm$ 0.108 χ^2 /NDF: 376067.0/13

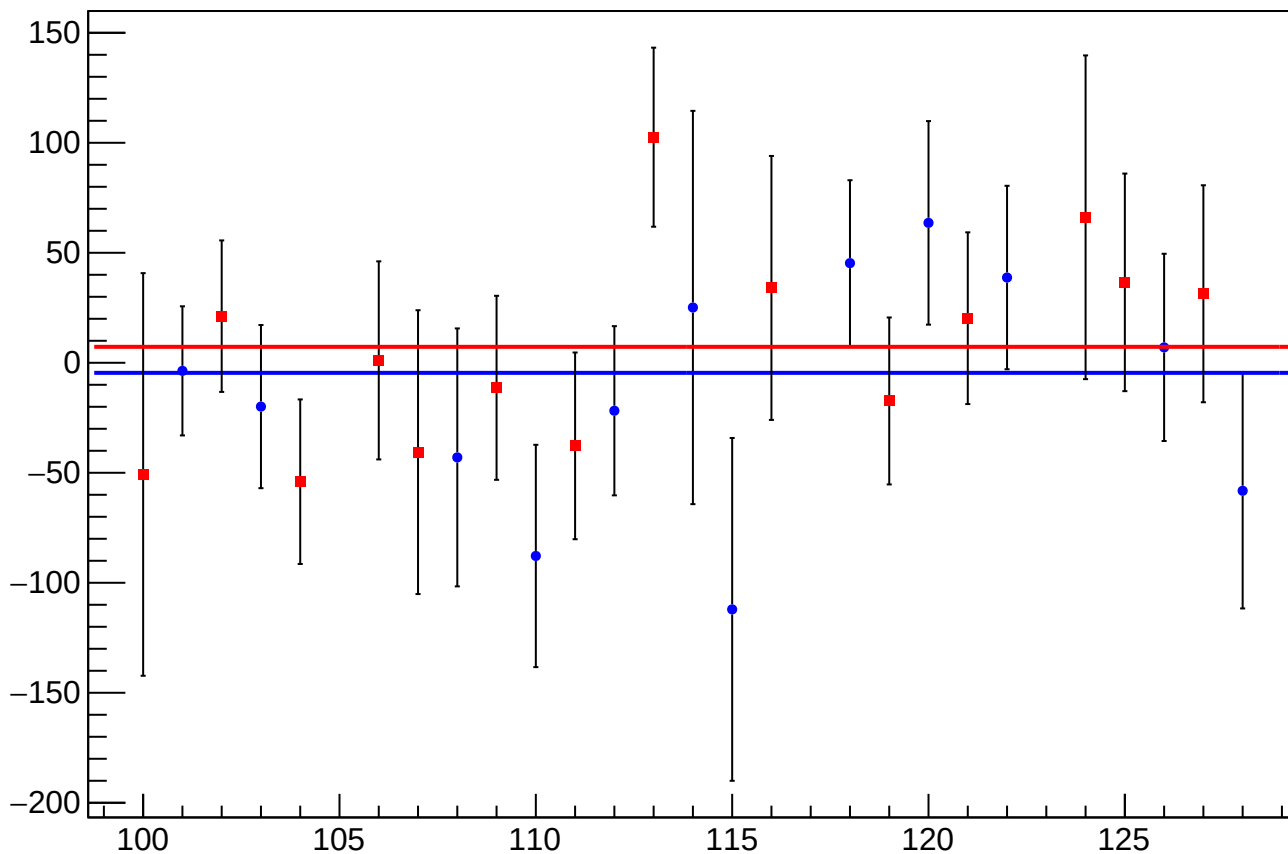
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 356.832 $\pm$ 0.080 χ^2 /NDF: 876433.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpmE_mean vs Slug



Right In: -4.573 ± 12.715 χ^2/NDF : 11.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 7.256 ± 12.148 χ^2/NDF : 12.6/13

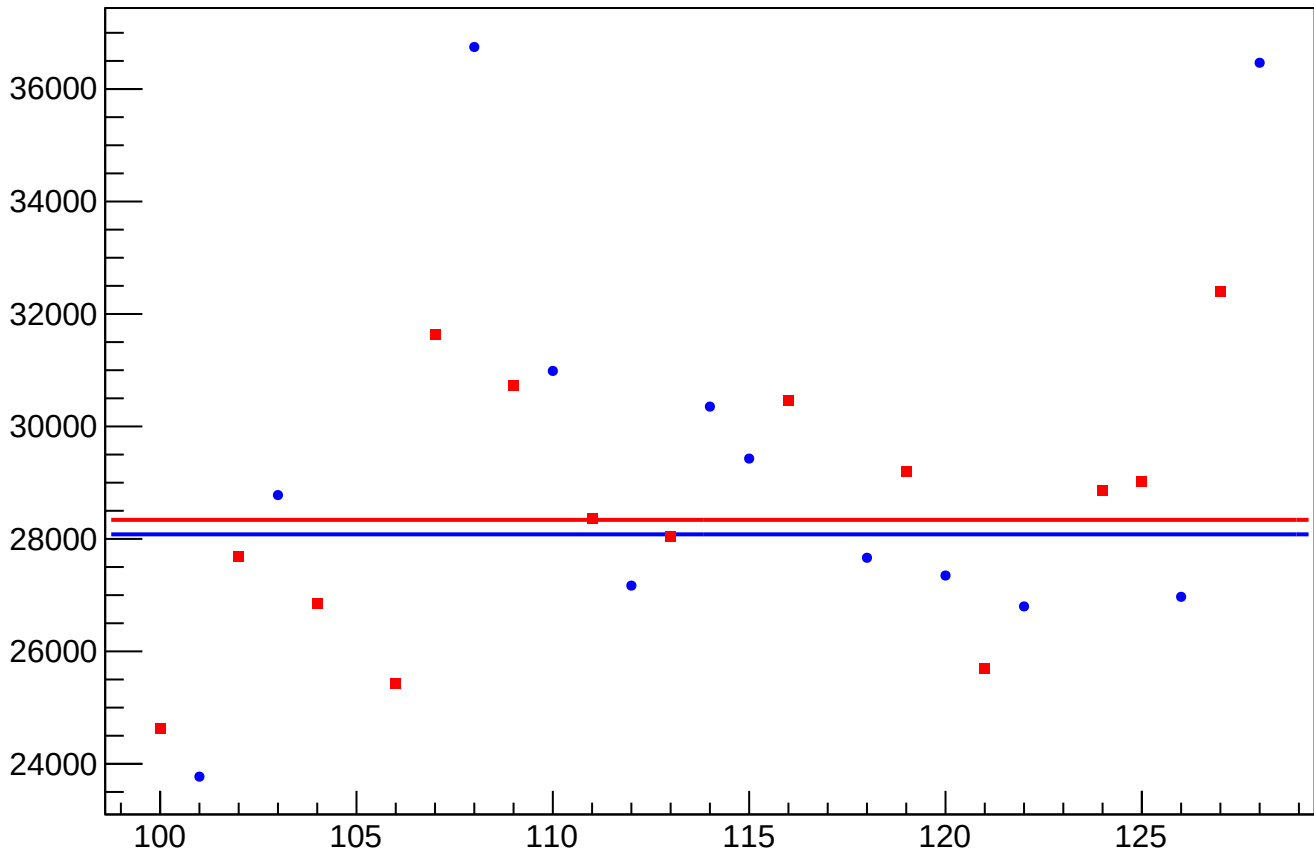
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.611 ± 8.784 χ^2/NDF : 24.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpmE_rms vs Slug



Right In: 28081.179+/-8.991 χ^2/NDF : 150332.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28338.692+/-8.590 χ^2/NDF : 54135.9/13

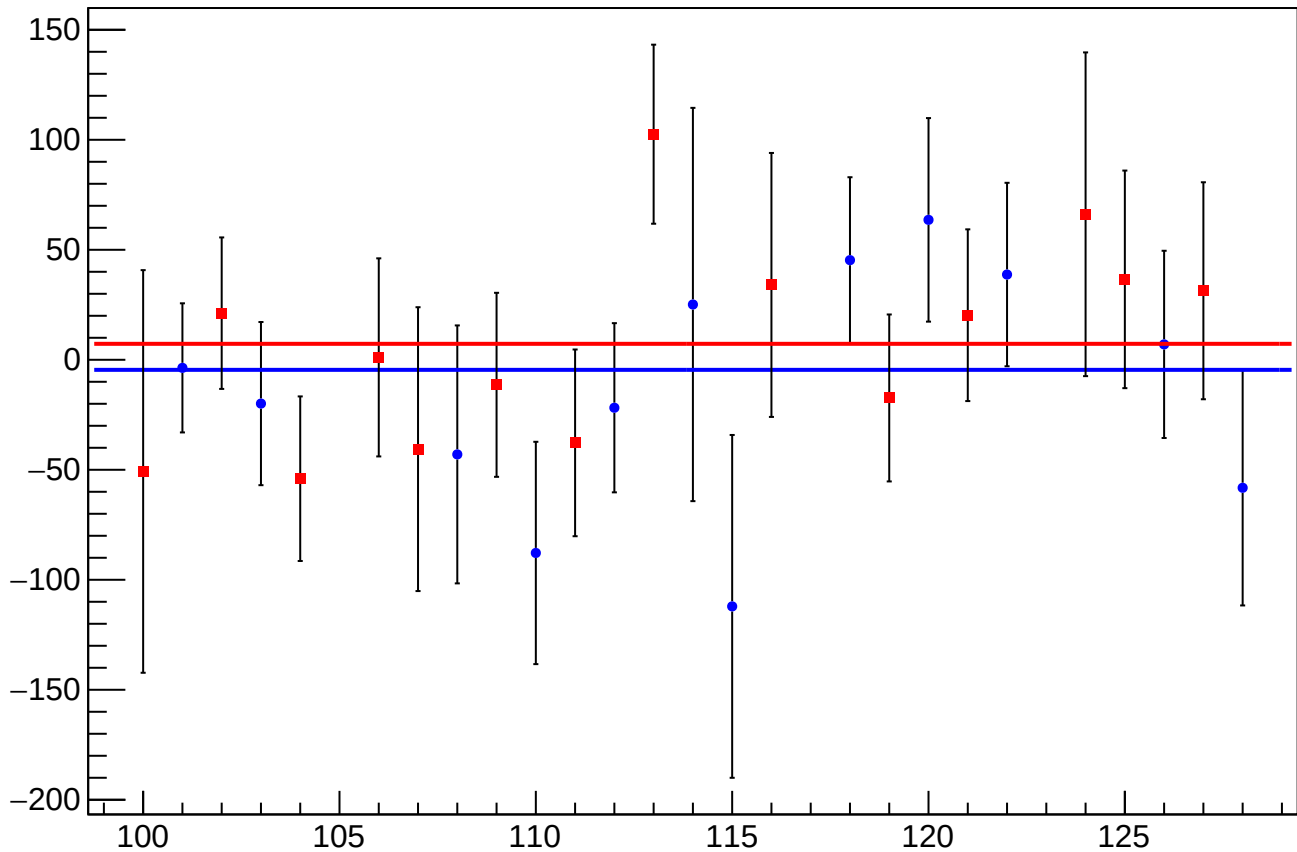
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28215.797+/-6.211 χ^2/NDF : 204897.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmEX_mean vs Slug



Right In: -4.573+/-12.715 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.256+/-12.148 χ^2/NDF : 12.6/13

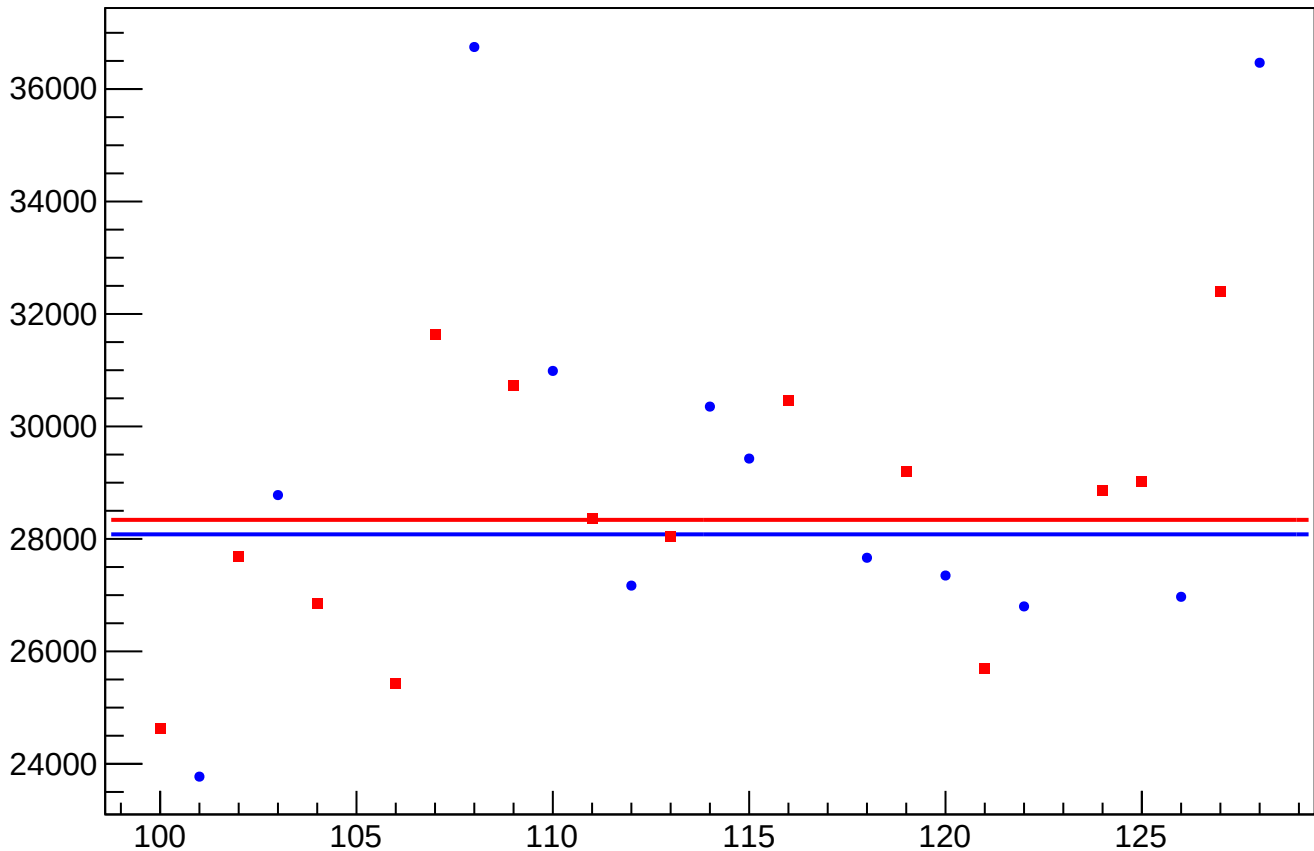
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.611+/-8.784 χ^2/NDF : 24.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmEX_rms vs Slug



Right In: 28081.179+/-8.991 χ^2/NDF : 150332.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

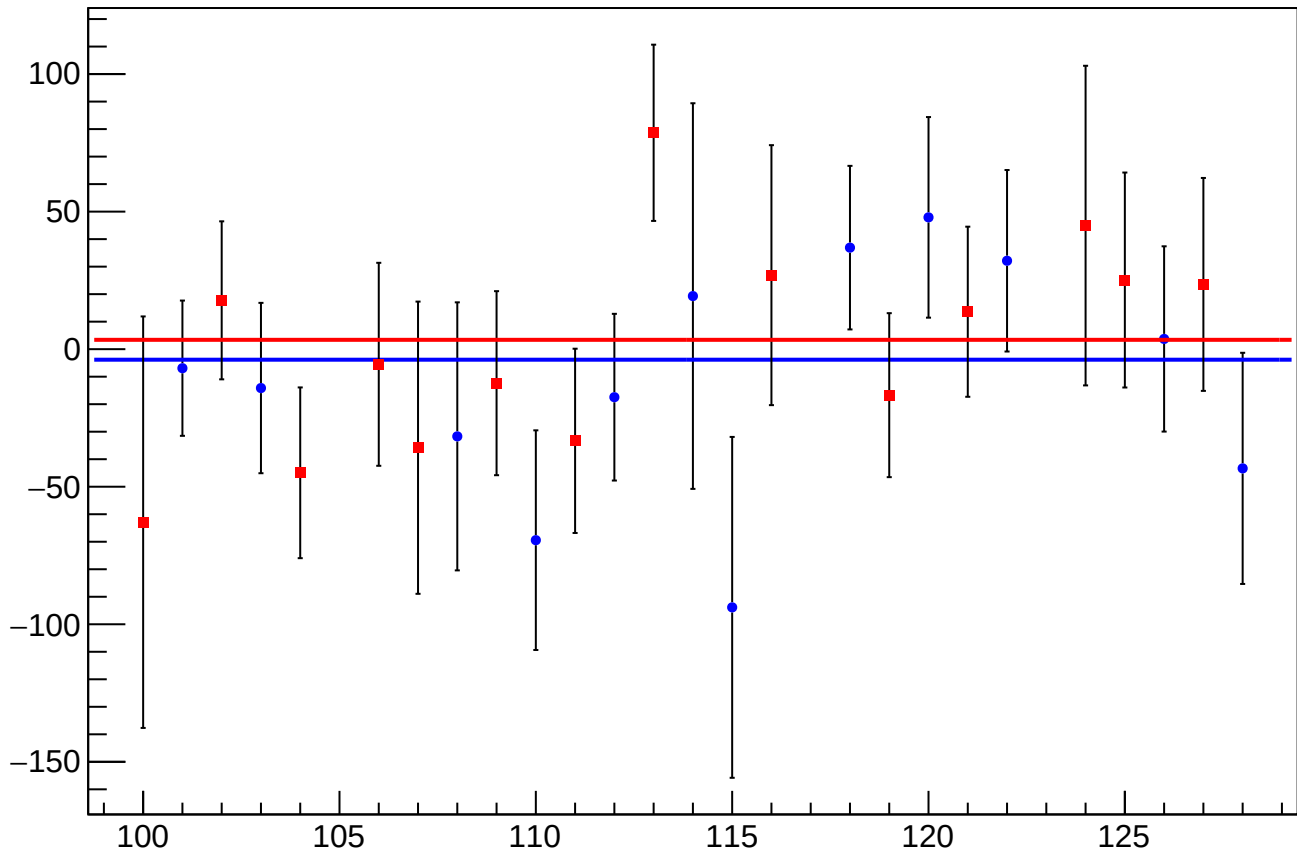
Right Out: 28338.692+/-8.590 χ^2/NDF : 54135.9/13

All: 28215.797+/-6.211 χ^2/NDF : 204897.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmE_11X12X_mean vs Slug



Right In: -3.829 ± 10.233 χ^2/NDF : 11.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 3.397 ± 9.751 χ^2/NDF : 12.9/13

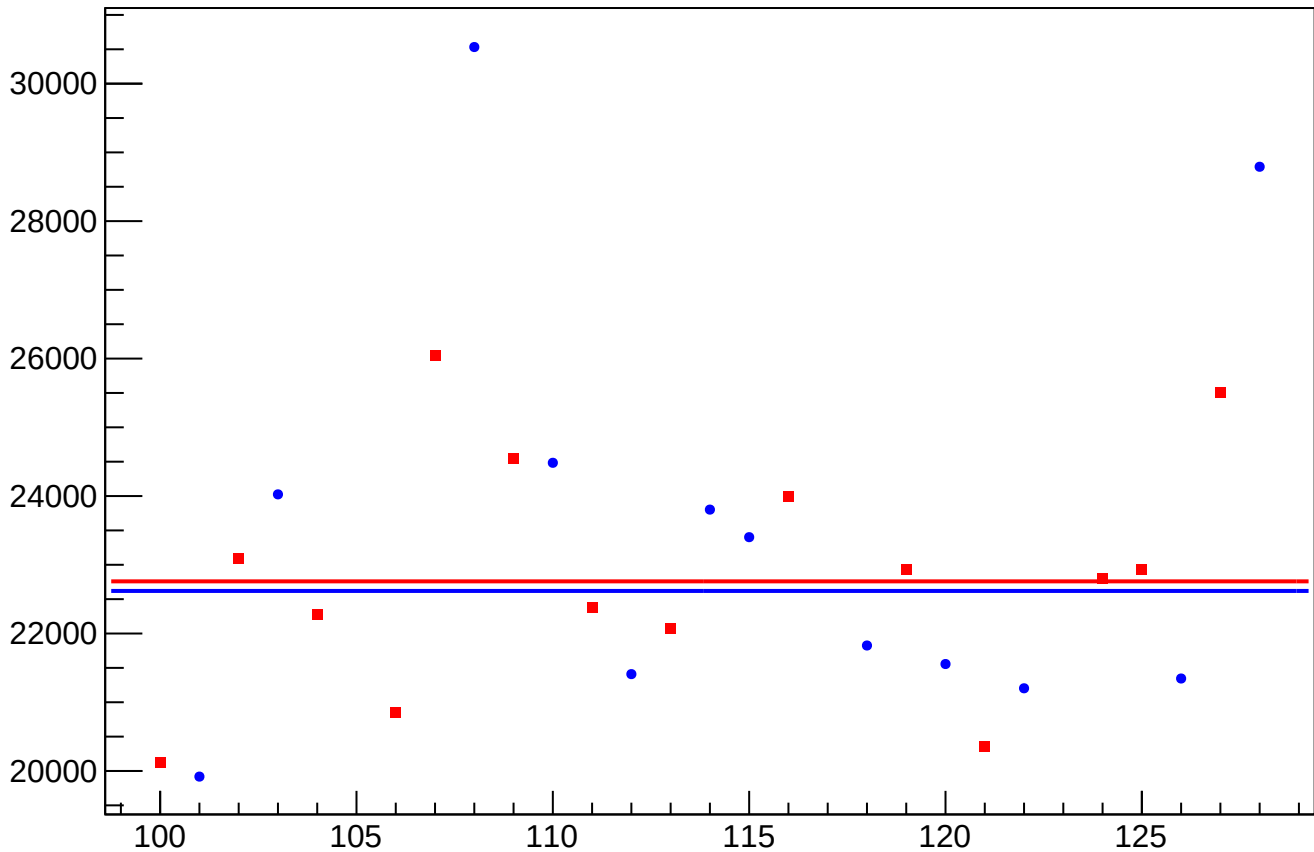
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.042 ± 7.059 χ^2/NDF : 24.8/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpmE_11X12X_rms vs Slug



Right In: 22619.448+/-7.236 χ^2/NDF : 142301.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22758.957+/-6.895 χ^2/NDF : 46743.2/13

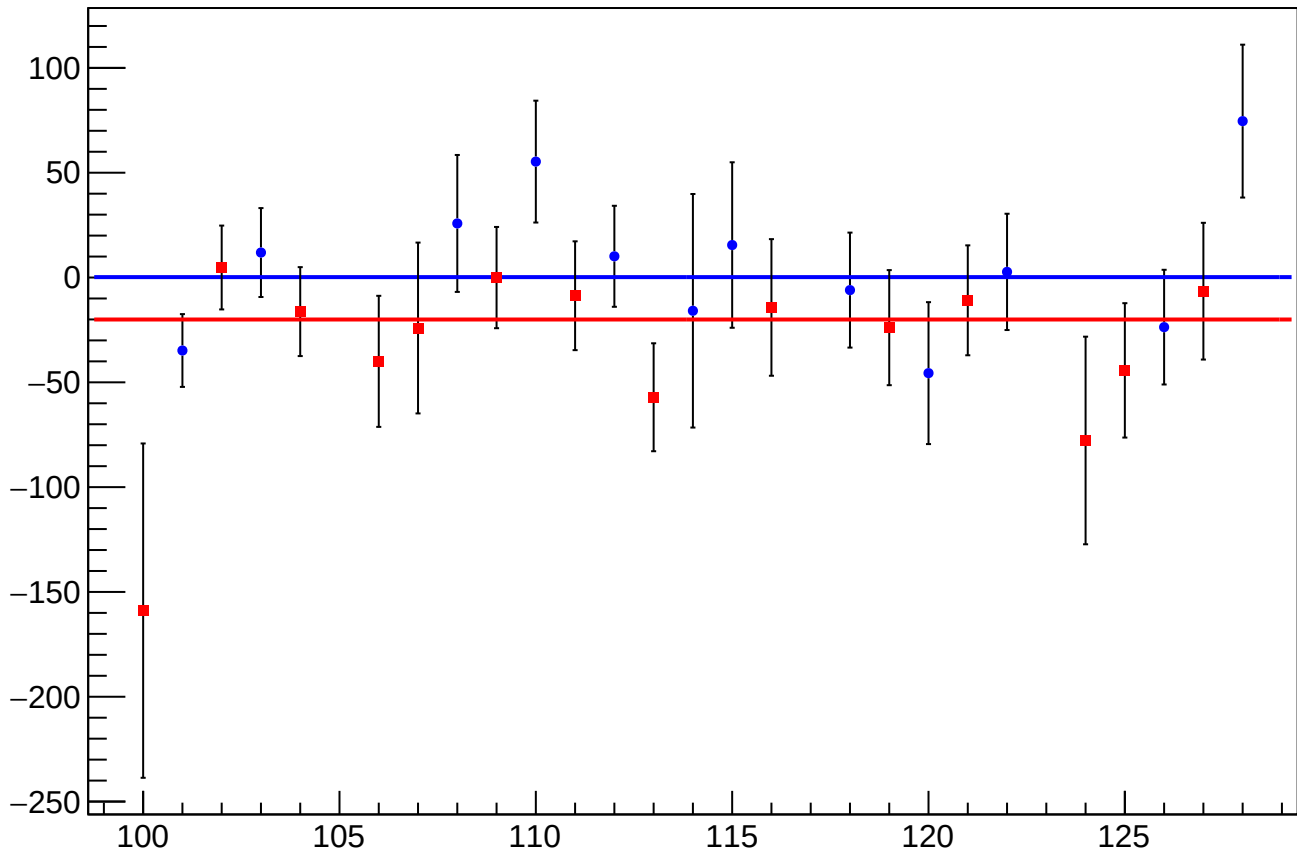
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22692.563+/-4.992 χ^2/NDF : 189239.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aesumX_mean vs Slug



Right In: 0.194 ± 7.921 χ^2/NDF : 15.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -20.028 ± 7.613 χ^2/NDF : 10.2/13

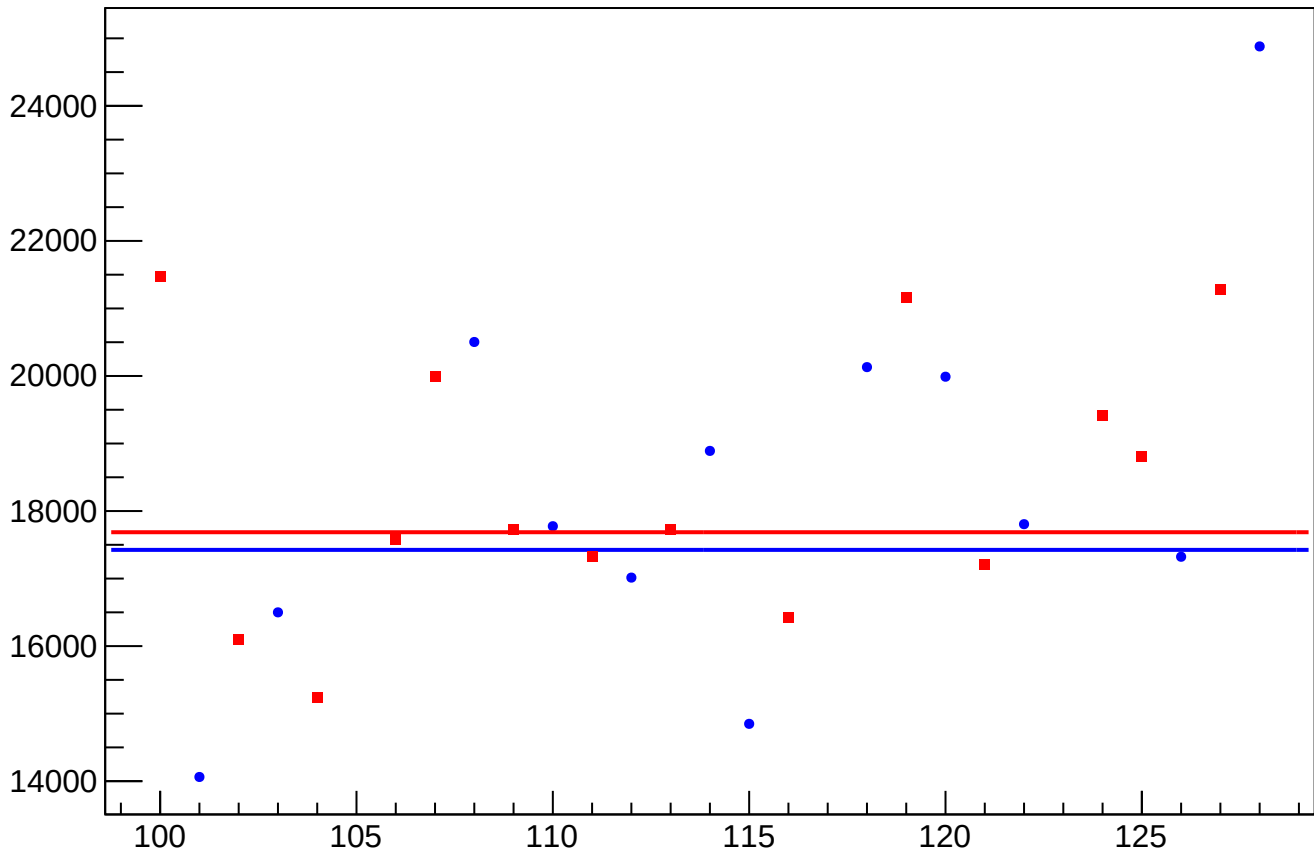
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -10.319 ± 5.489 χ^2/NDF : 29.4/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm4aesumX_rms vs Slug



Right In: 17424.897+/-5.601 χ^2/NDF : 222309.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17686.281+/-5.383 χ^2/NDF : 115359.3/13

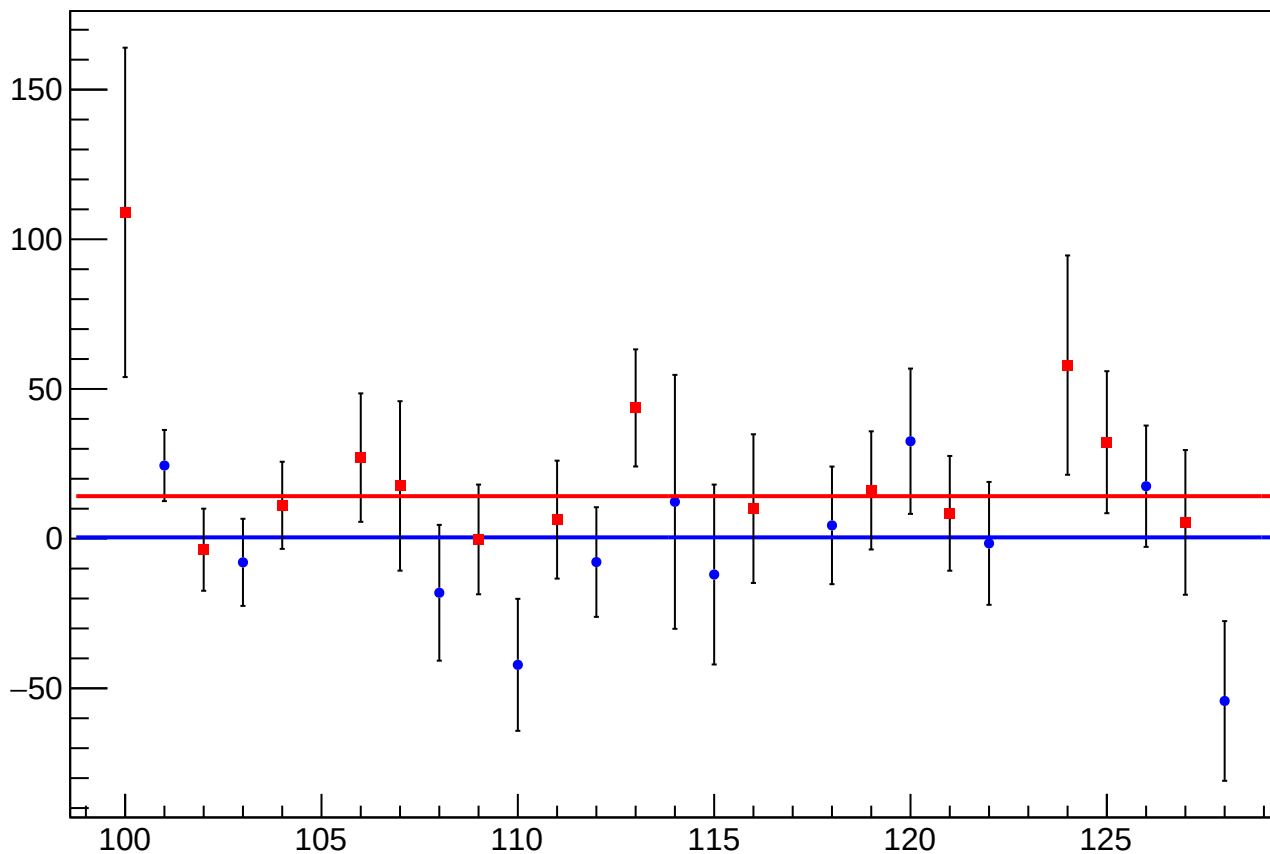
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17560.781+/-3.881 χ^2/NDF : 338800.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aediffX_mean vs Slug



Right In: 0.427 ± 5.684 χ^2/NDF : 16.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 14.189 ± 5.496 χ^2/NDF : 10.4/13

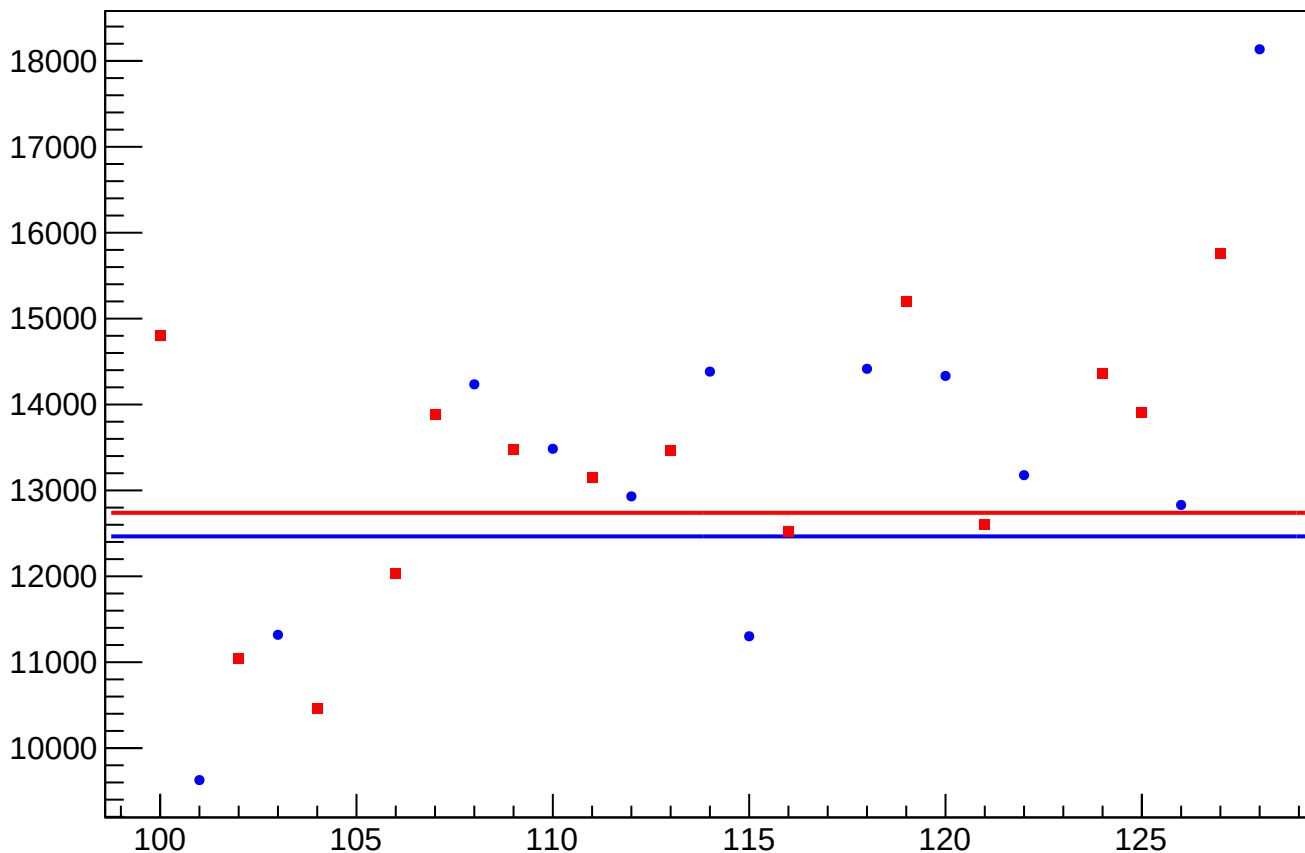
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 7.539 ± 3.951 χ^2/NDF : 29.4/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm4aediiffX_rms vs Slug



Right In: 12464.757+/-4.019 χ^2/NDF : 276187.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12739.441+/-3.887 χ^2/NDF : 166599.8/13

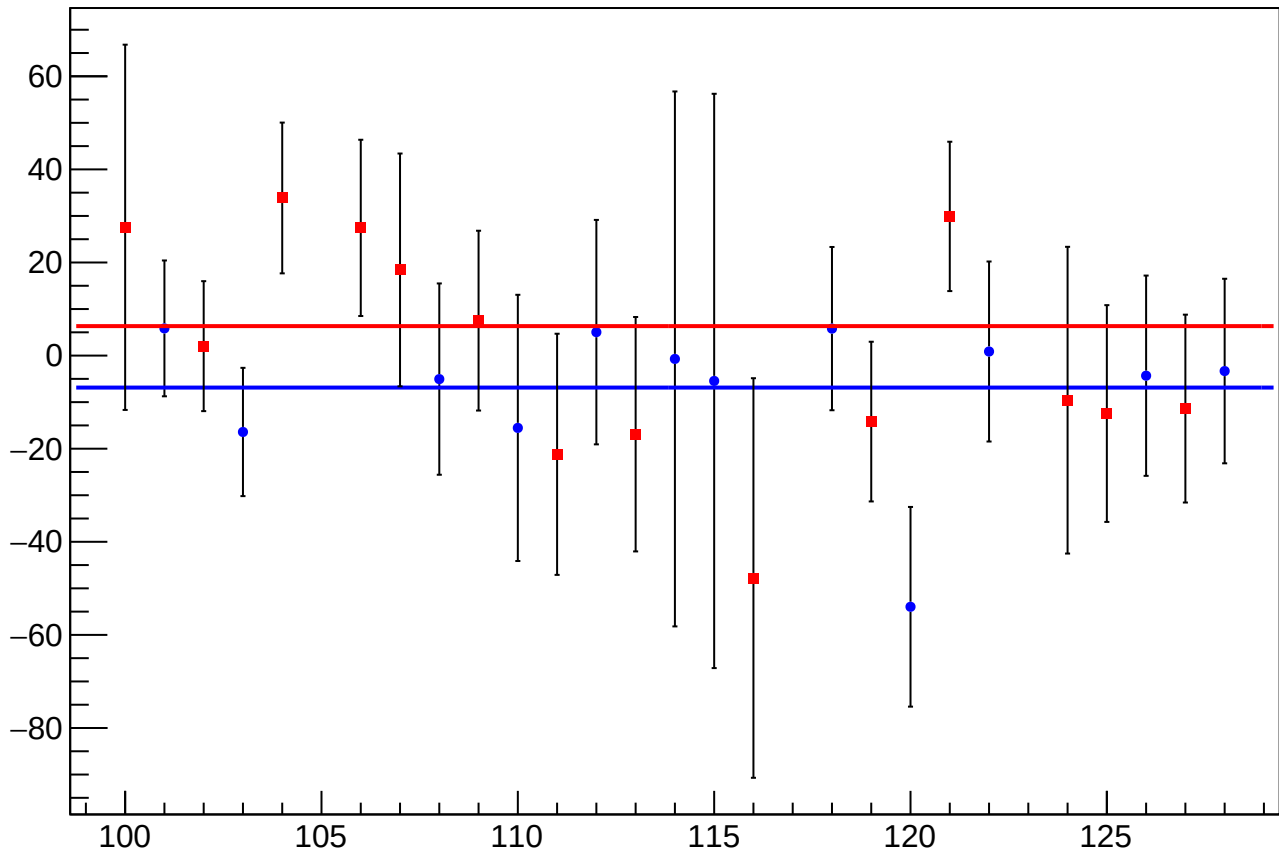
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12606.714+/-2.794 χ^2/NDF : 445200.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aesumY_mean vs Slug



Right In: -6.869+/-5.908 χ^2/NDF : 7.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.333+/-5.523 χ^2/NDF : 13.6/13

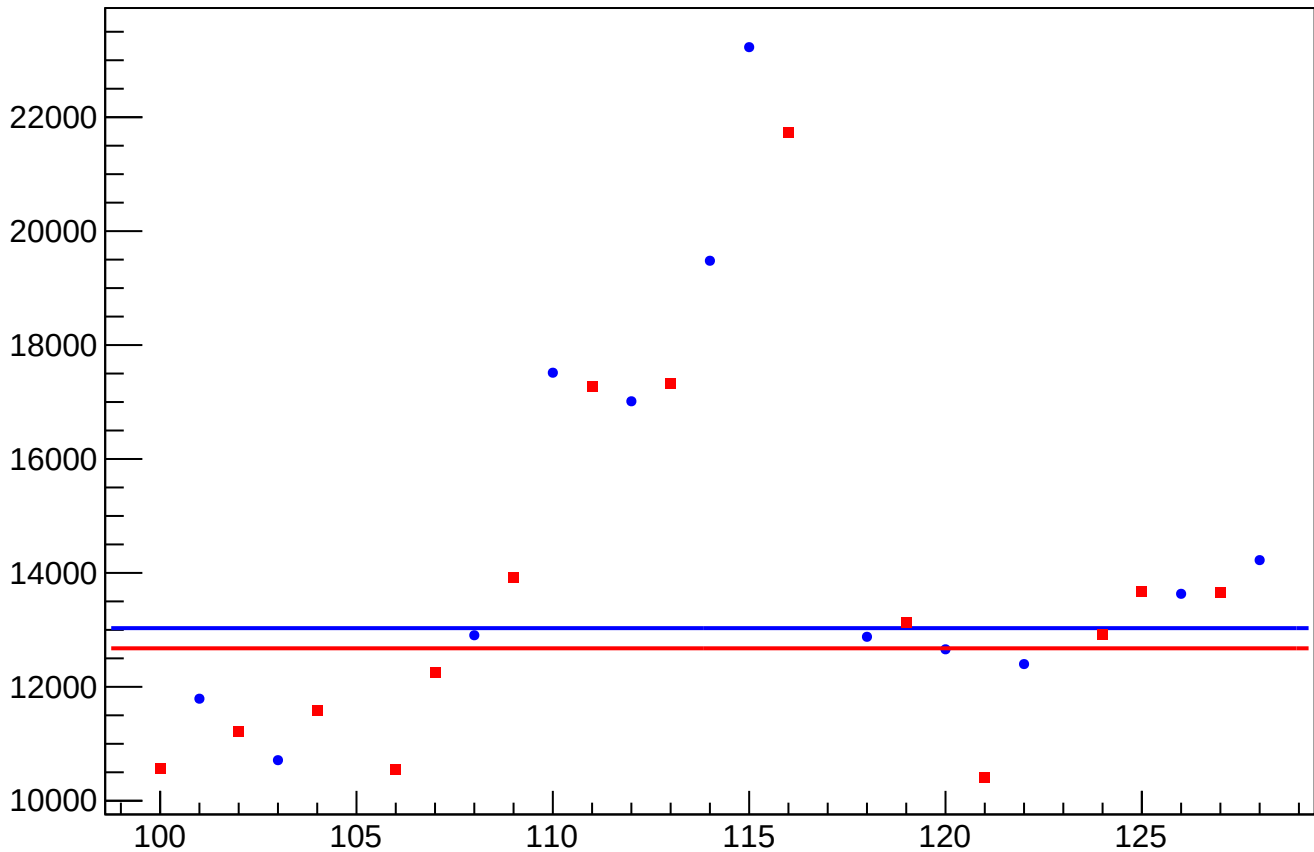
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.176+/-4.035 χ^2/NDF : 23.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aesumY_rms vs Slug



Right In: 13030.436+/-4.178 χ^2/NDF : 266449.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12676.433+/-3.905 χ^2/NDF : 340925.7/13

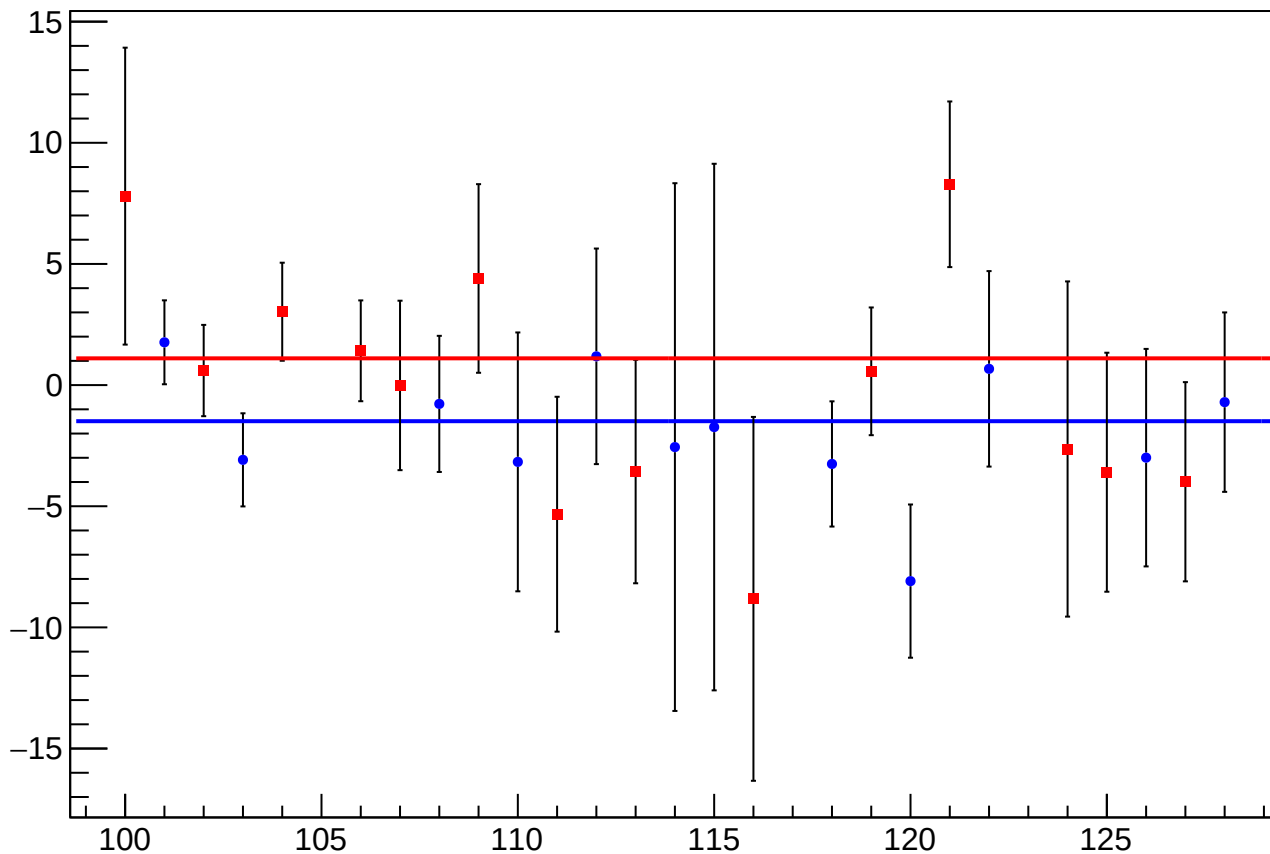
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12841.530+/-2.853 χ^2/NDF : 611207.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aediY_mean vs Slug



Right In: -1.490 $\pm$ 0.888 χ^2 /NDF: 10.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.104 $\pm$ 0.848 χ^2 /NDF: 14.7/13

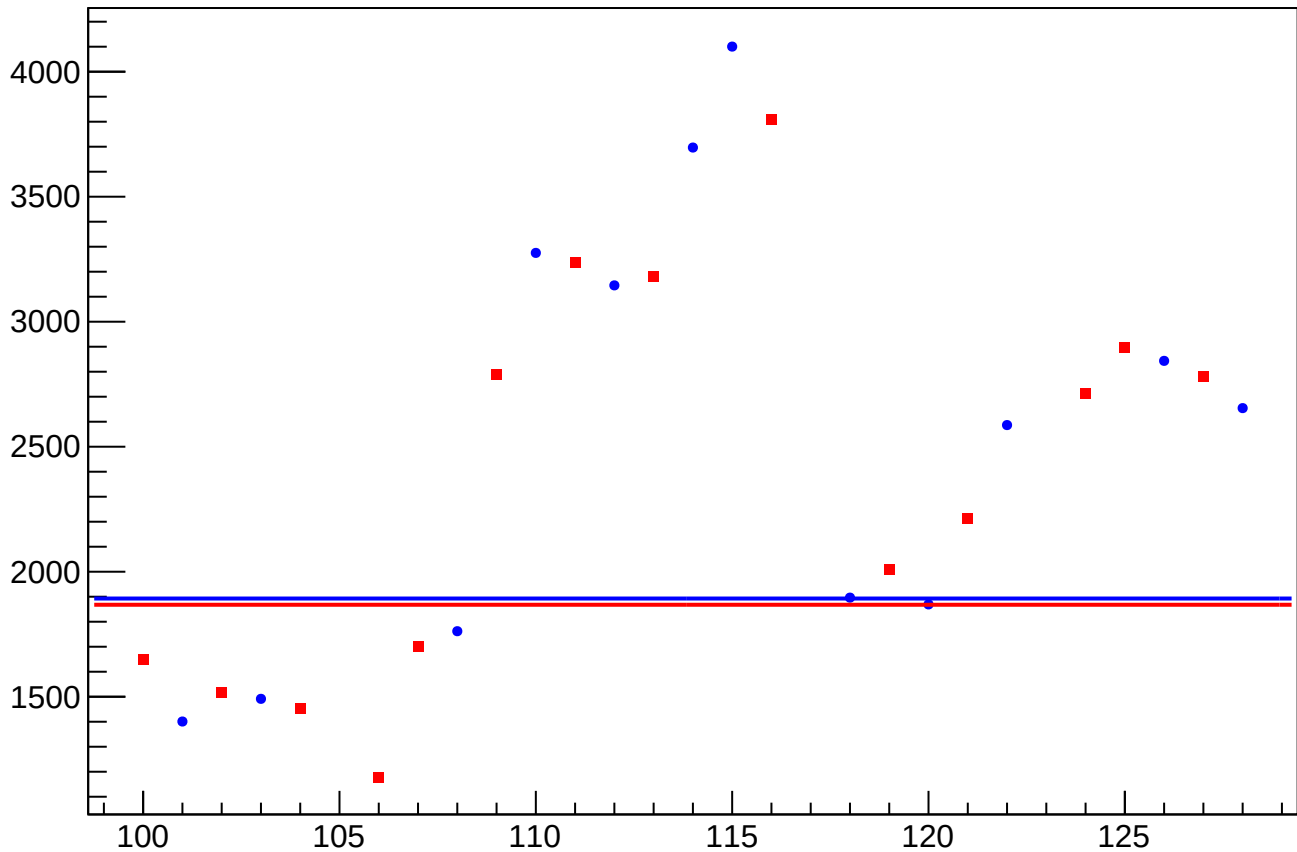
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.133 $\pm$ 0.614 χ^2 /NDF: 29.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm4aediY_rms vs Slug



Right In: 1892.782 $\pm$ 0.628 χ^2 /NDF: 916370.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1867.857 $\pm$ 0.600 χ^2 /NDF: 1189720.9/13

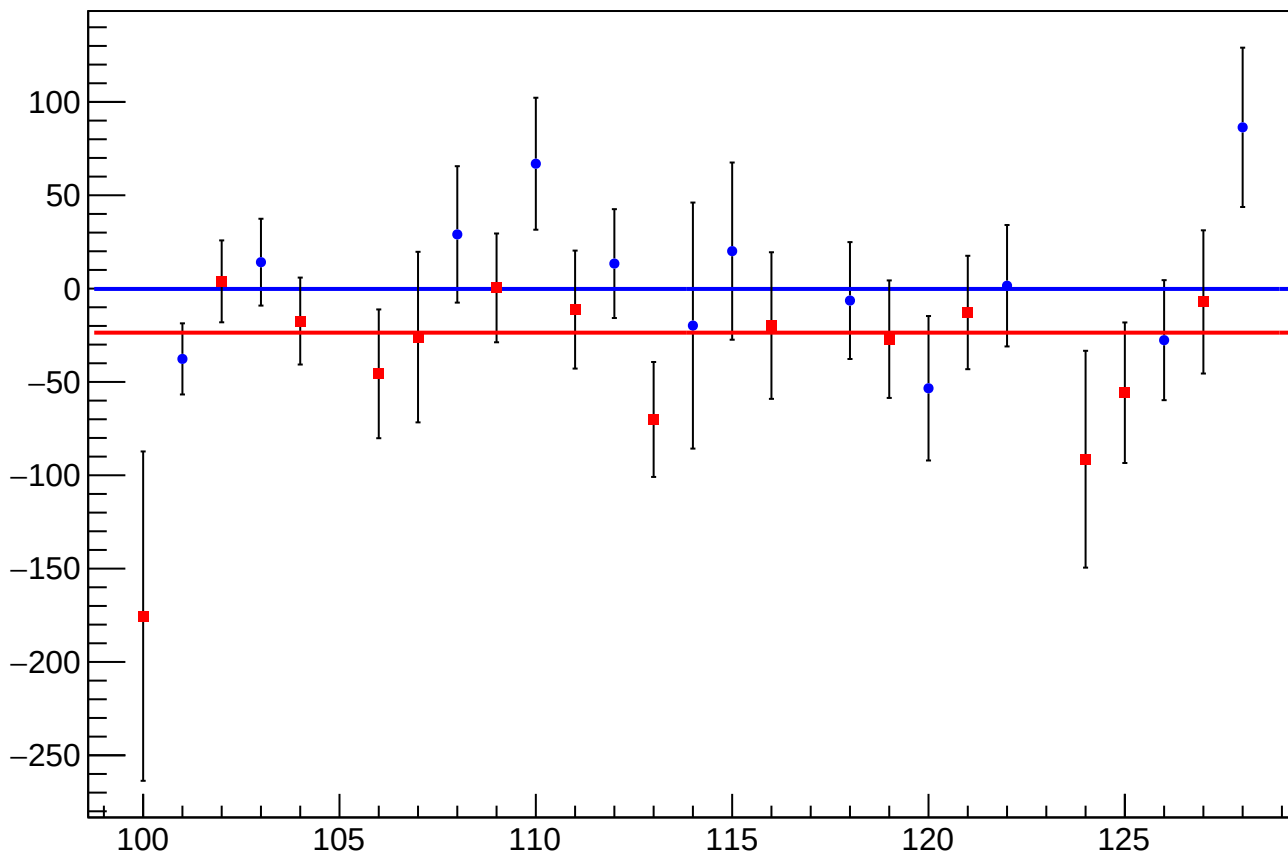
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1879.745 $\pm$ 0.434 χ^2 /NDF: 2106915.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpmtargetsumX_mean vs Slug



Right In: -0.181+/-9.071 χ^2 /NDF: 15.8/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -23.600+/-8.761 χ^2 /NDF: 10.6/13

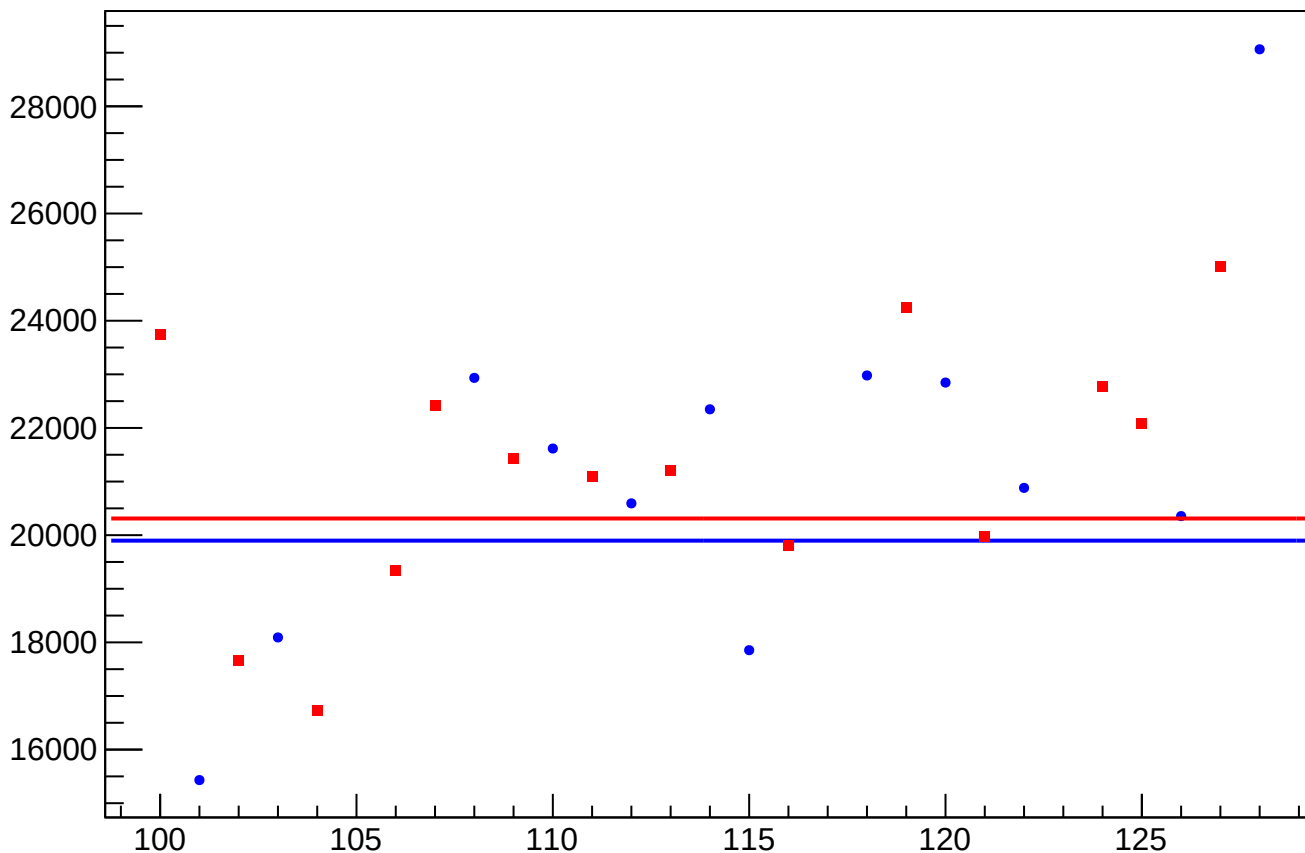
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -12.298+/-6.302 χ^2 /NDF: 29.8/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpmtargetsumX_rms vs Slug



Right In: 19897.790+/-6.414 χ^2/NDF : 273596.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

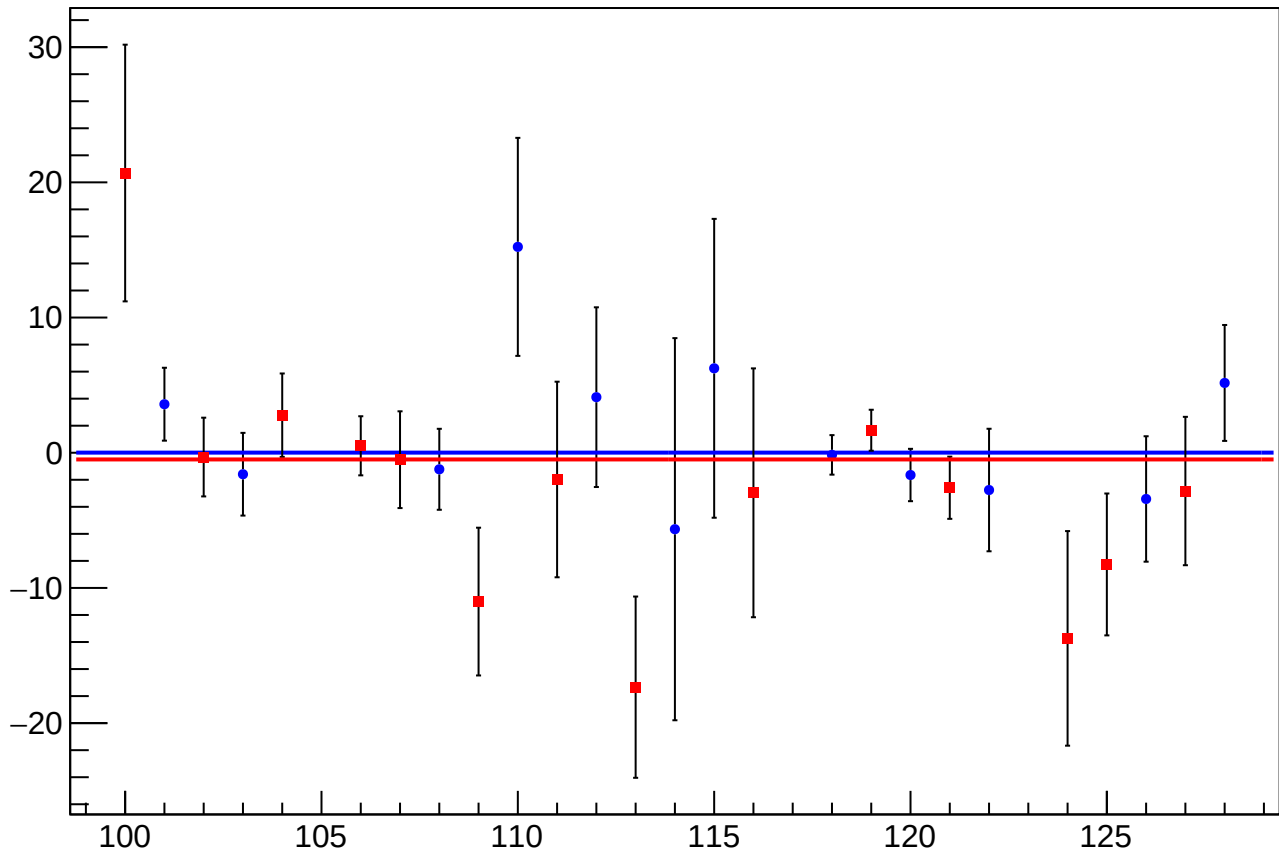
Right Out: 20311.058+/-6.195 χ^2/NDF : 161364.7/13

All: 20111.609+/-4.456 χ^2/NDF : 437108.7/25

- 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: 0.009 $\pm$ 0.880 χ^2 /NDF: 9.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.496 $\pm$ 0.871 χ^2 /NDF: 24.5/13

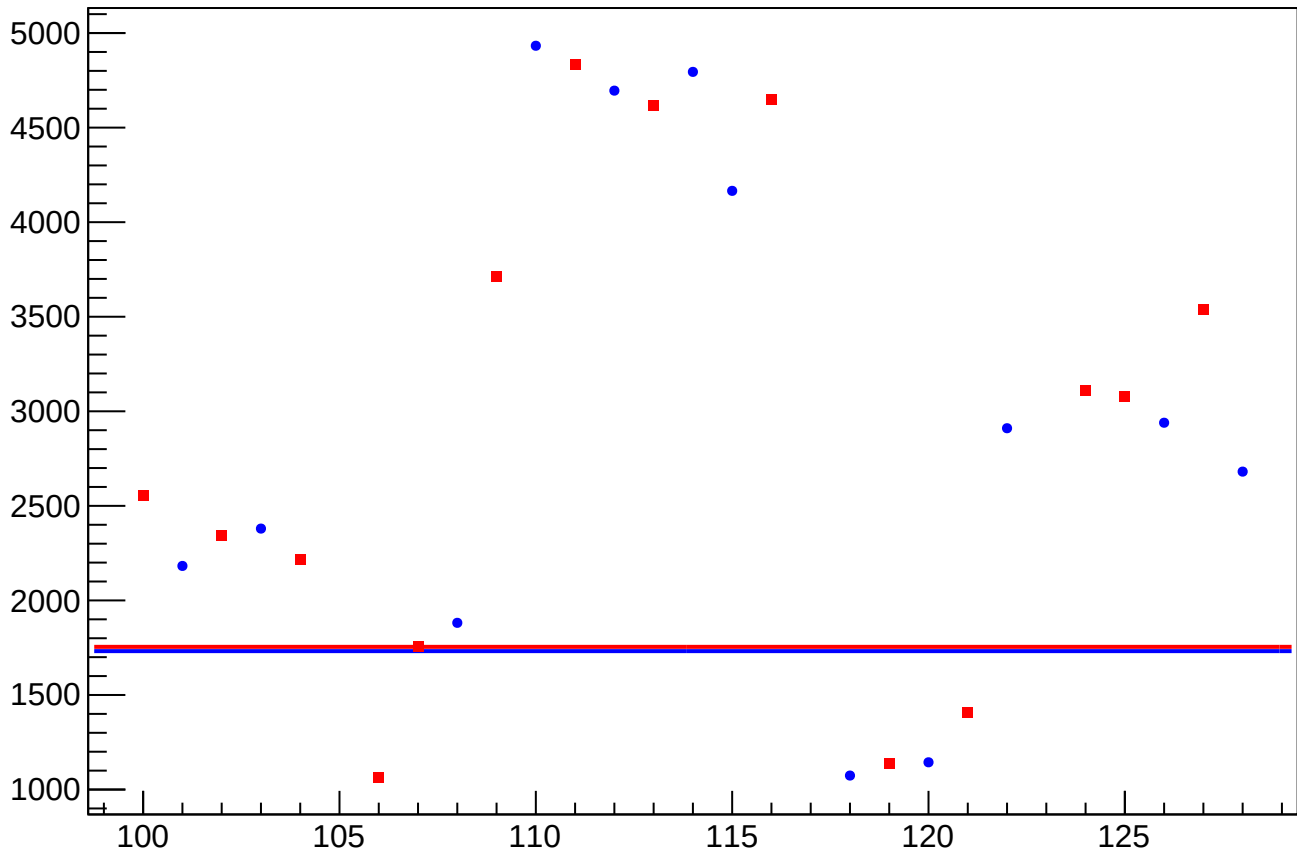
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.246 $\pm$ 0.619 χ^2 /NDF: 34.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpmtargetdiffX_rms vs Slug



Right In: 1731.852+/-0.622 χ^2/NDF : 2012715.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

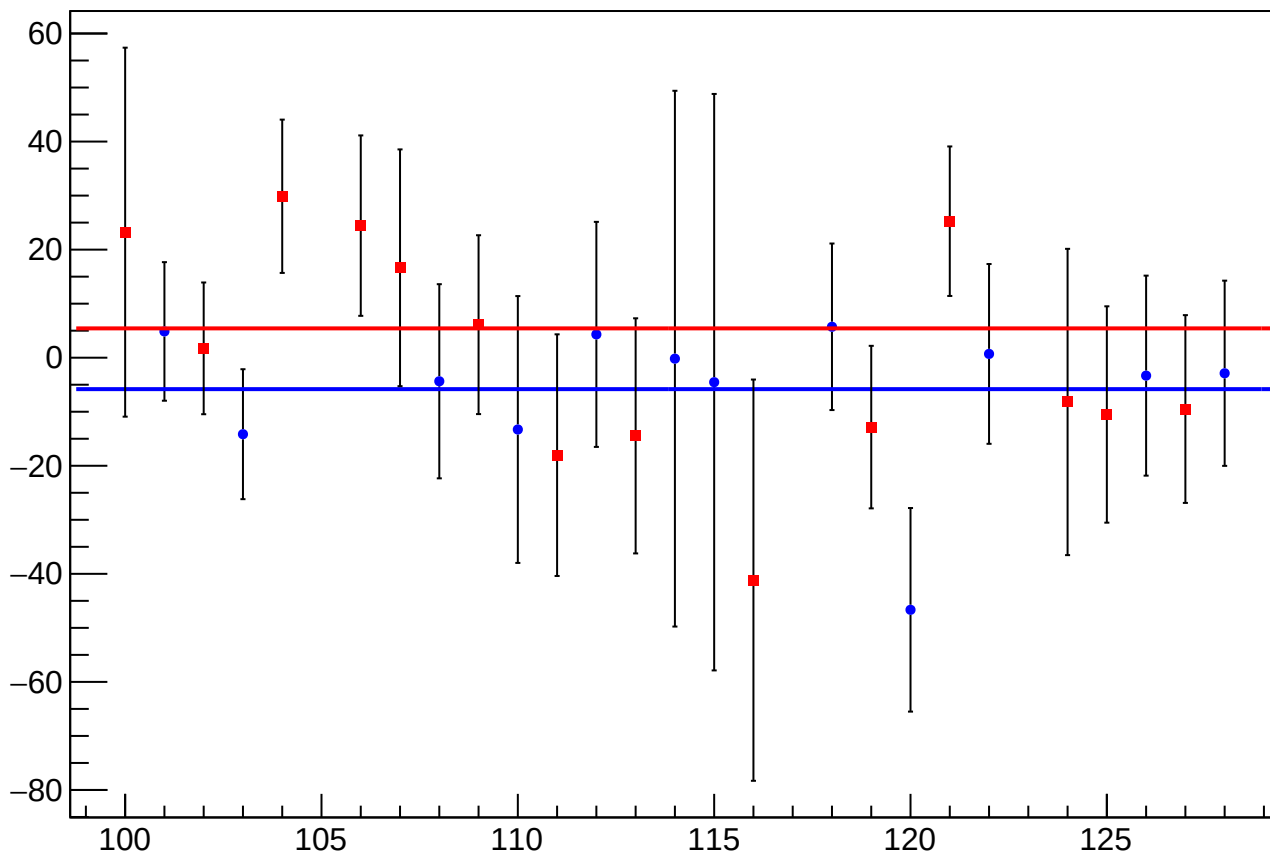
Right Out: 1754.524+/-0.616 χ^2/NDF : 2299454.0/13

All: 1743.304+/-0.438 χ^2/NDF : 4312840.2/25

- 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: -5.818+/-5.146 χ^2/NDF : 7.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.425+/-4.800 χ^2/NDF : 13.5/13

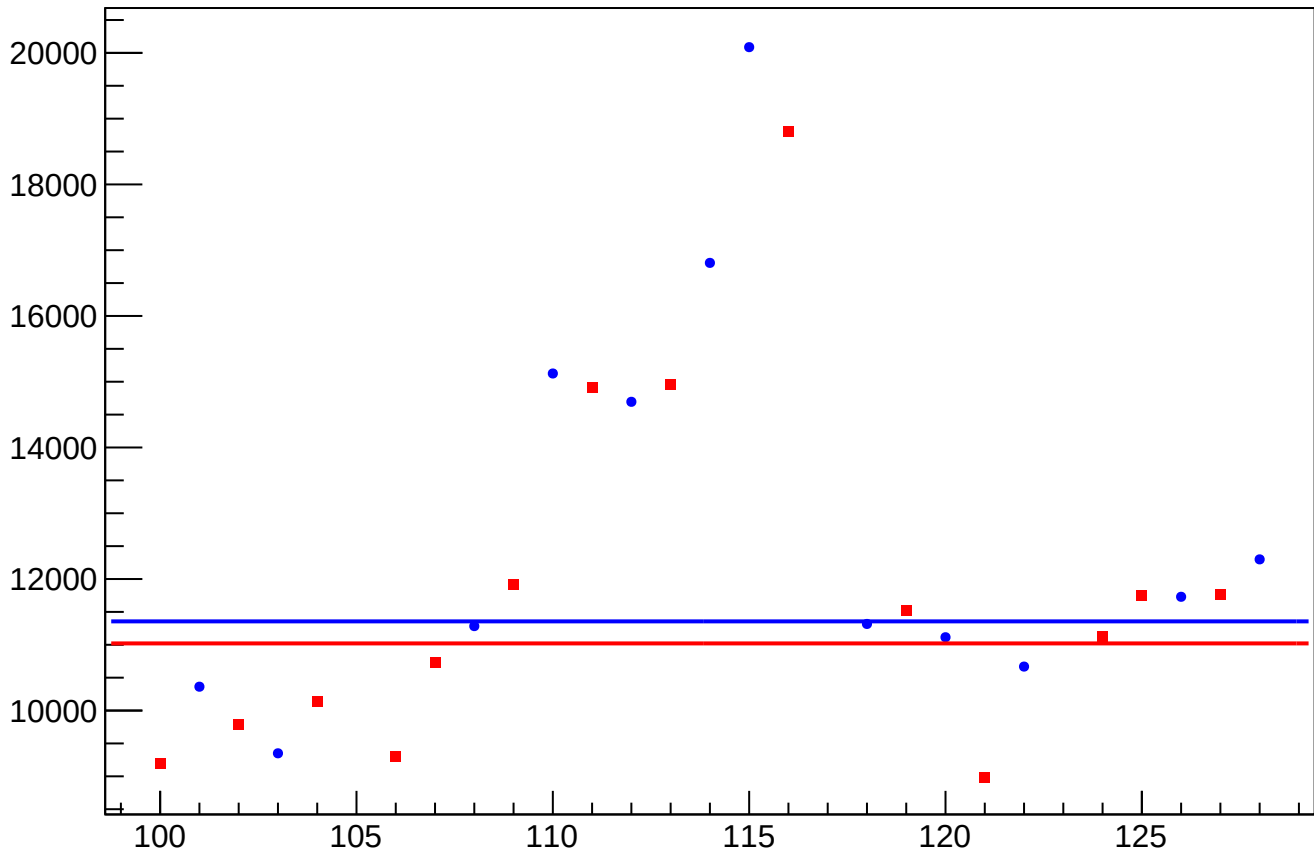
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.195+/-3.510 χ^2/NDF : 23.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmtargetsumY_rms vs Slug



Right In: 11356.081+/-3.639 χ^2/NDF : 254074.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

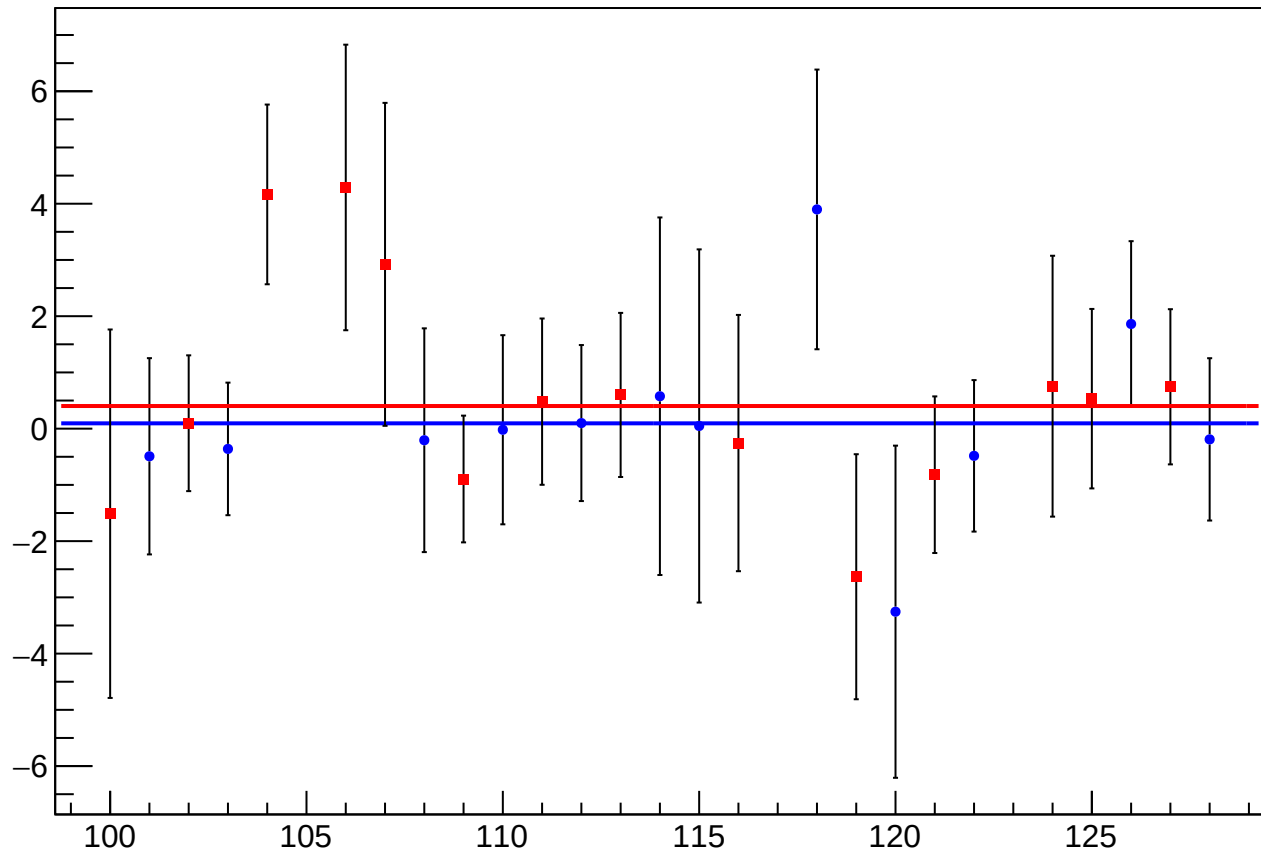
Right Out: 11020.934+/-3.394 χ^2/NDF : 327015.0/13

All: 11176.850+/-2.482 χ^2/NDF : 585626.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmtargetdiffY_mean vs Slug



Right In: 0.095 ± 0.491 χ^2/NDF : 5.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.403 ± 0.439 χ^2/NDF : 13.3/13

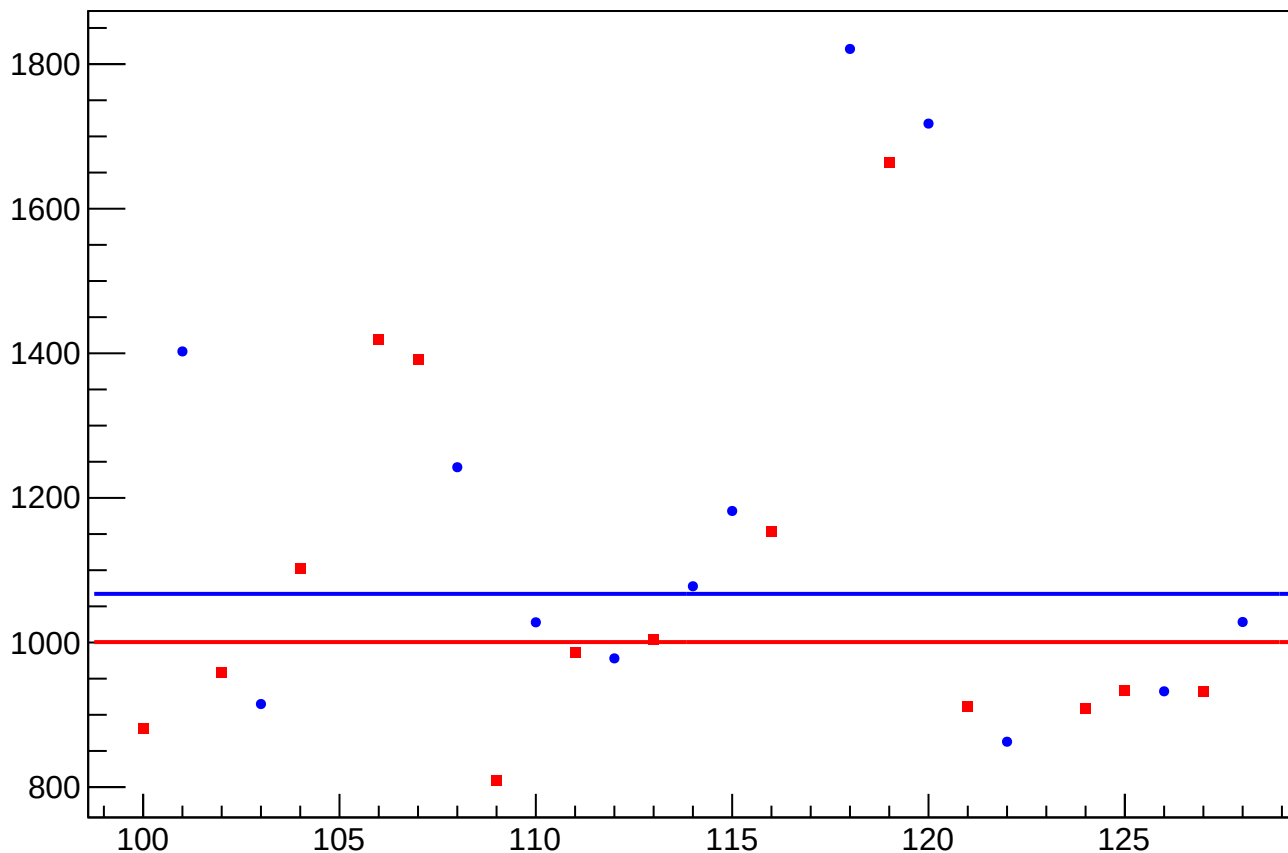
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.266 ± 0.327 χ^2/NDF : 19.1/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpmtargetdiffY_rms vs Slug



Right In: 1067.280+/-0.347 χ^2/NDF : 479887.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1000.599+/-0.311 χ^2/NDF : 376067.0/13

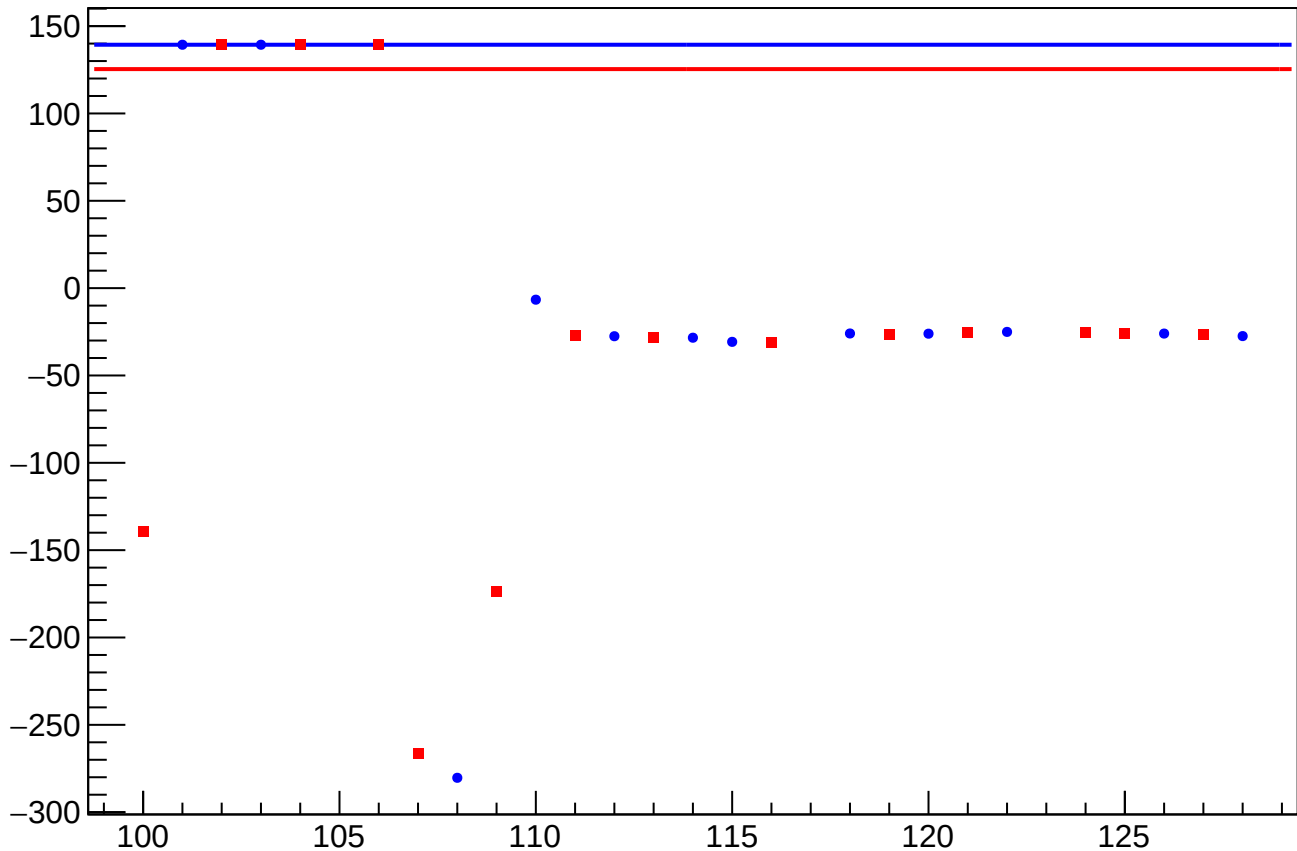
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1030.216+/-0.232 χ^2/NDF : 876433.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bX_mean vs Slug



Right In: 139.337+/-0.000 χ^2/NDF : 28212823755.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

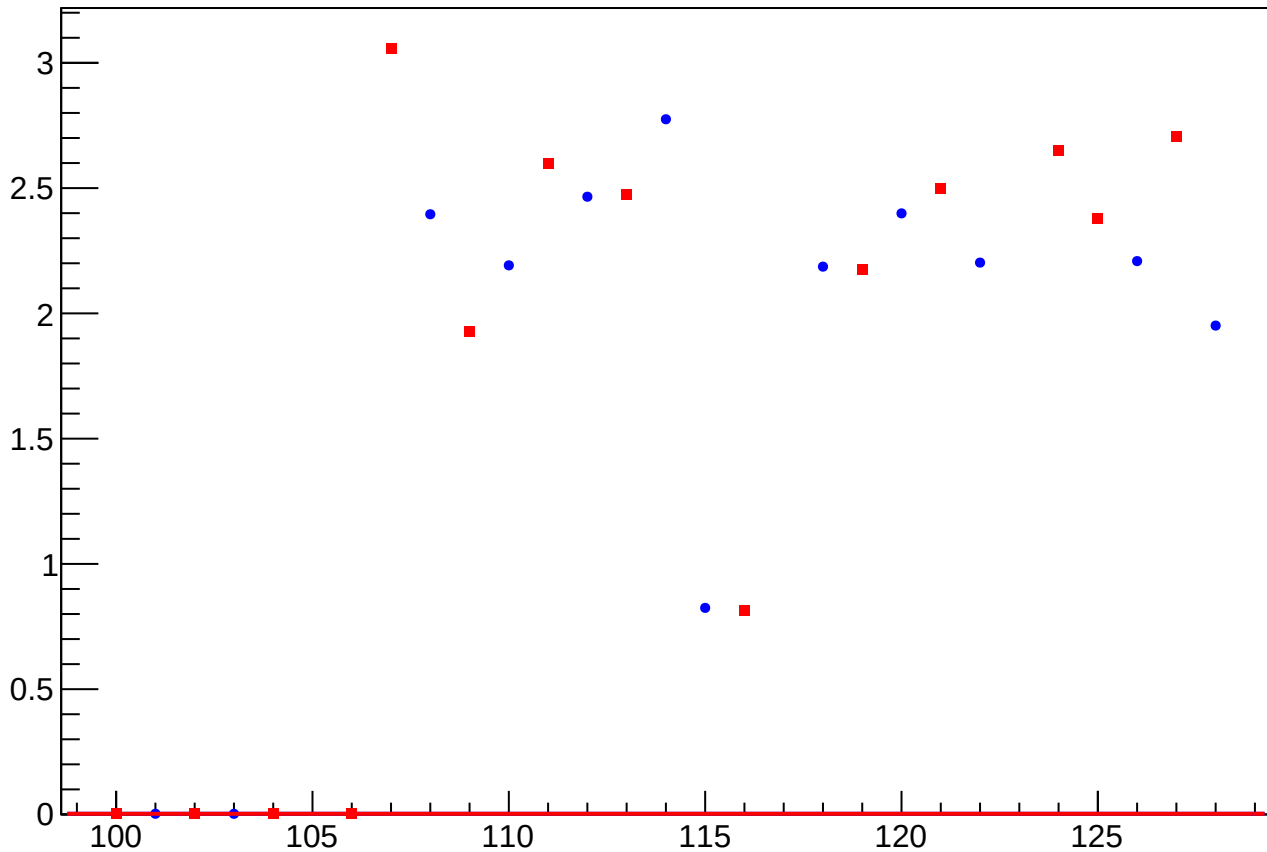
Right Out: 125.392+/-0.000 χ^2/NDF : 774158943764592.0/13

All: 131.819+/-0.000 χ^2/NDF : 792972382886

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bX_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 6260629.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 6732865.4/13

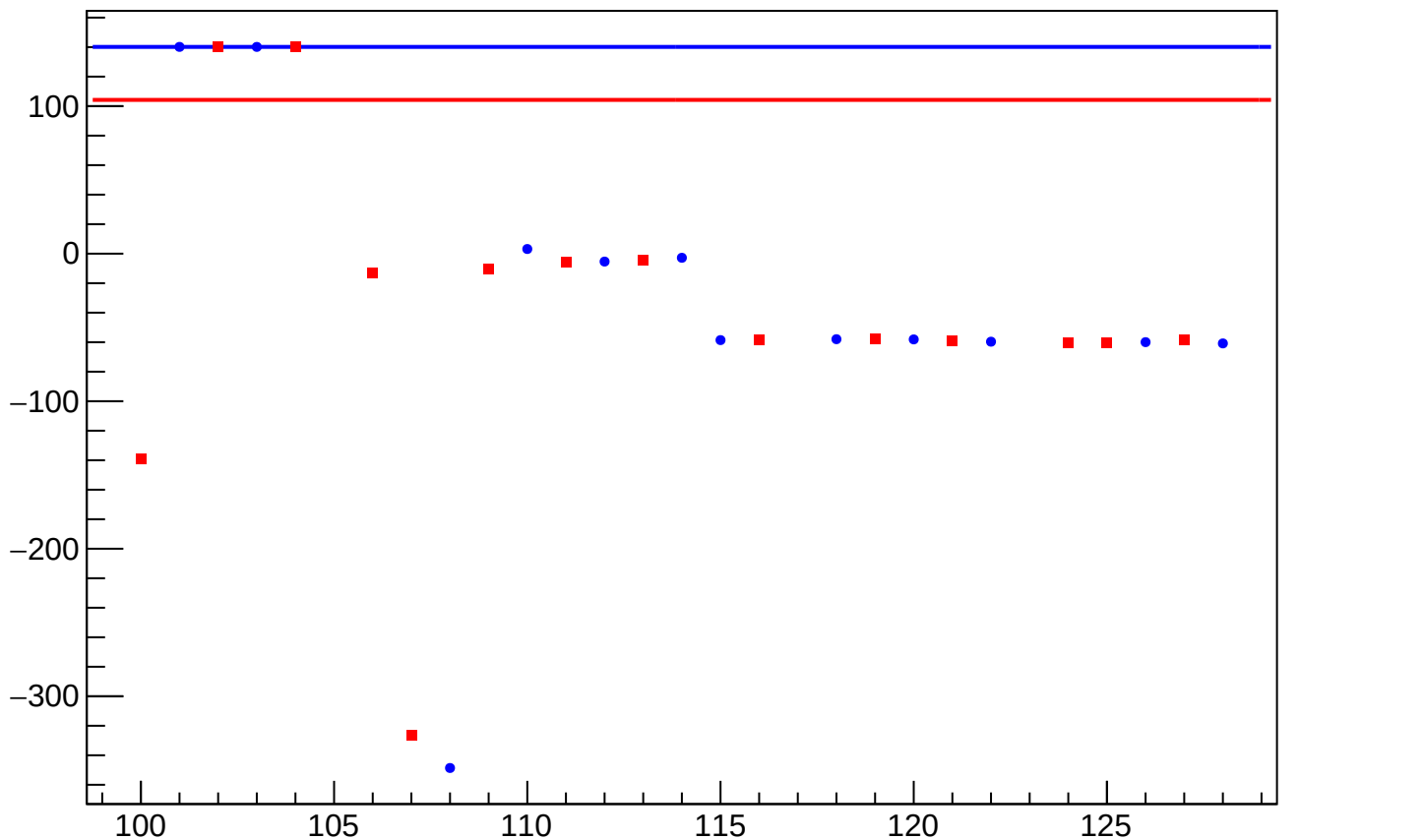
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 12993662.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bY_mean vs Slug



Right In: 140.147+/-0.000 χ^2/NDF : 53362572860.6/11

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

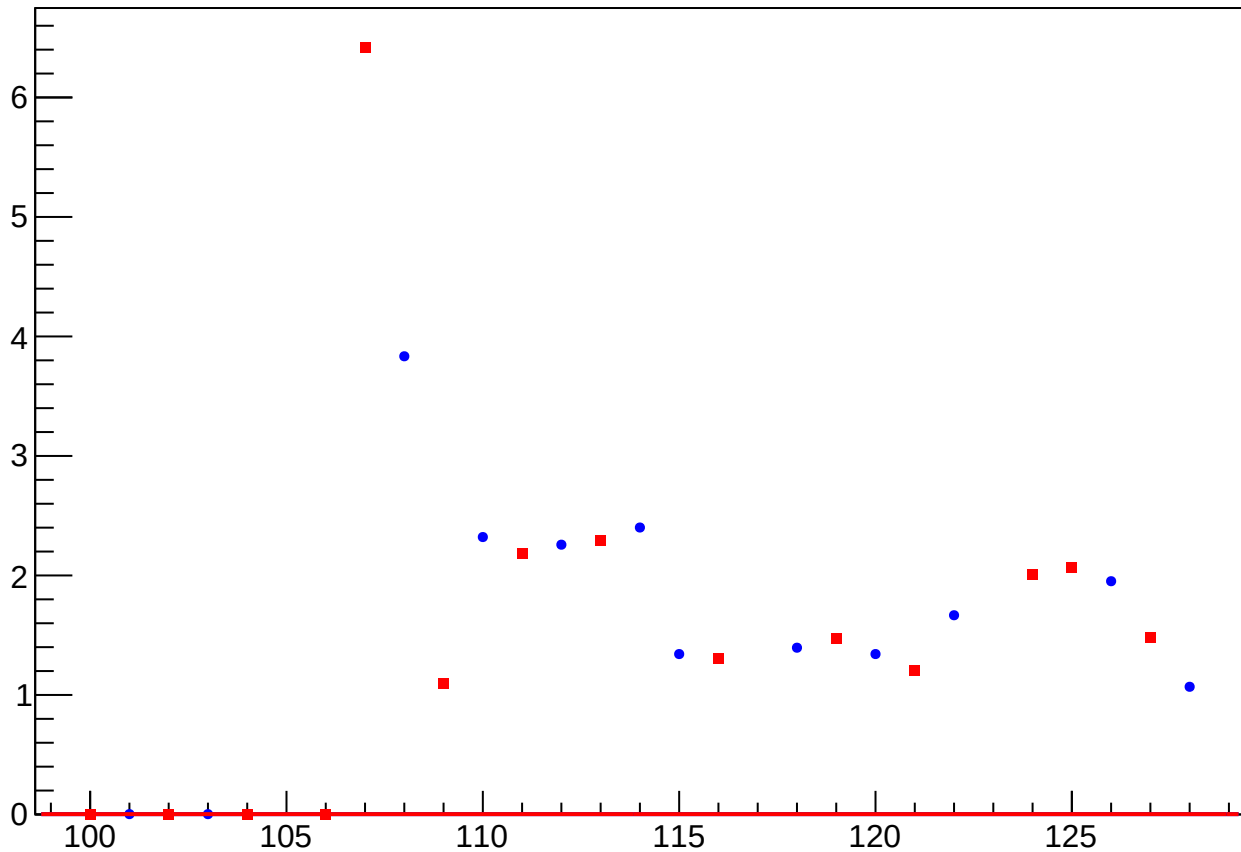
All: 120.834+/-0.000 χ^2/NDF : 13806930833

Right Out: 104.227+/-0.000 χ^2/NDF : 1257325089946240.8/13

- 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 : 6685788.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 6699832.6/13

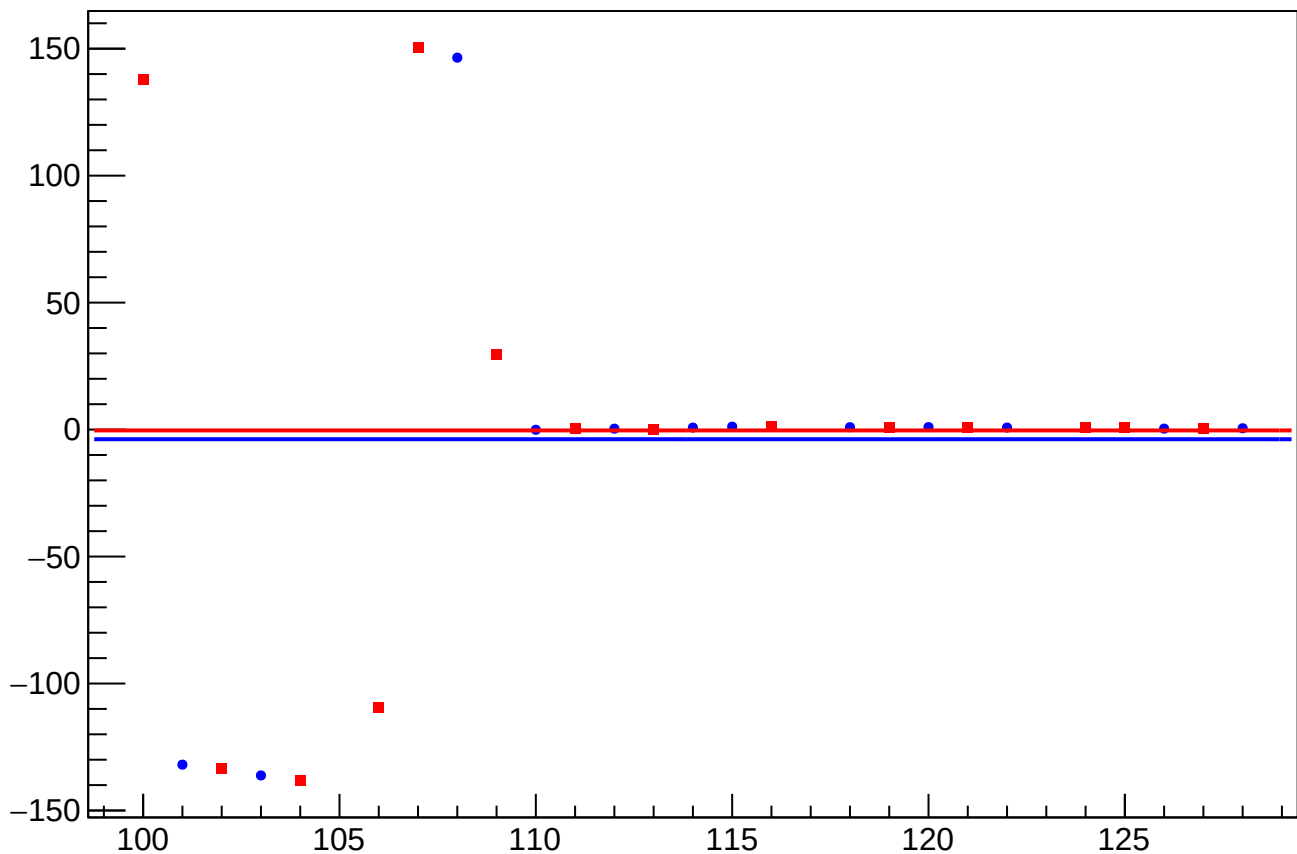
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 13385787.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cX_mean vs Slug



Right In: -3.803+/-0.000 χ^2/NDF : 9799447577.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.330+/-0.000 χ^2/NDF : 3604214138.6/13

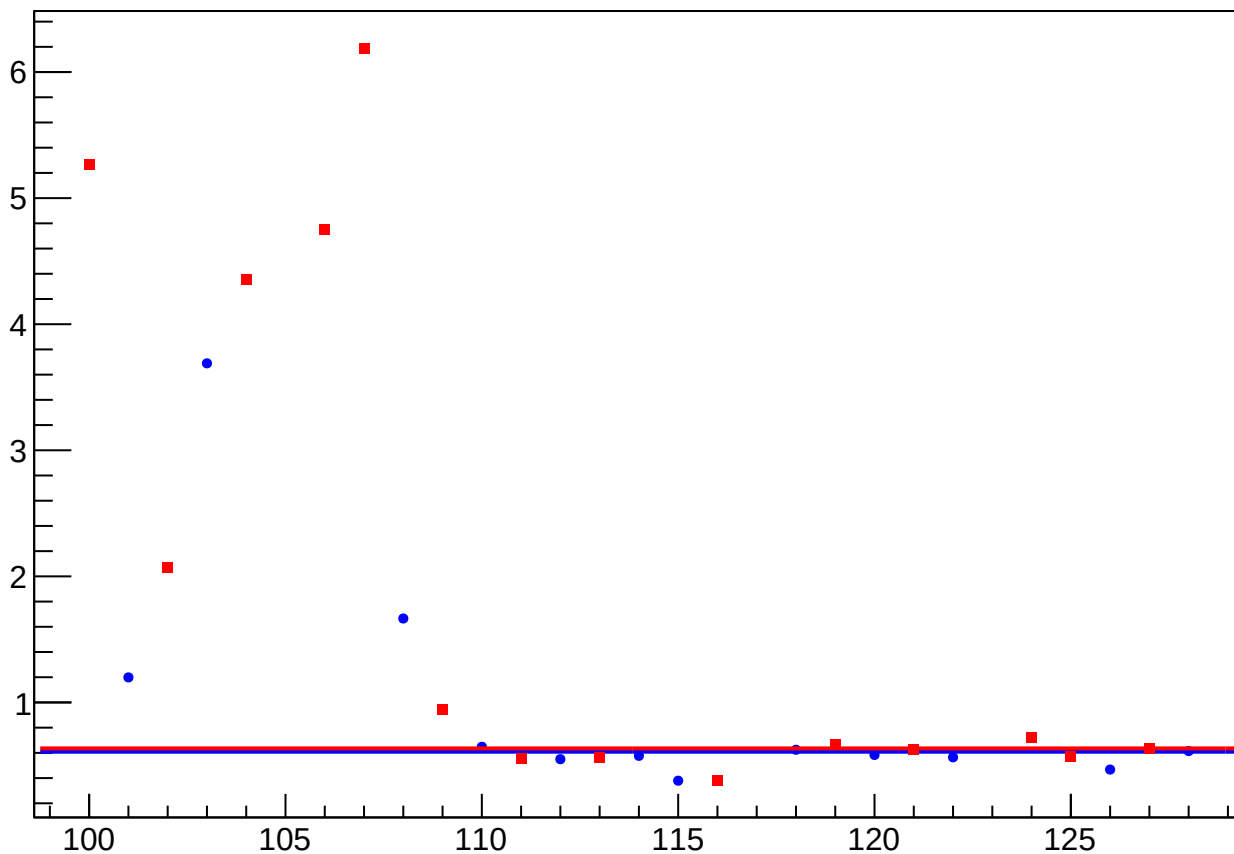
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.140+/-0.000 χ^2/NDF : 13457525253.5/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cX_rms vs Slug



Right In: 0.609 $\pm$ 0.000 χ^2 /NDF: 1354838.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.635 $\pm$ 0.000 χ^2 /NDF: 2297460.7/13

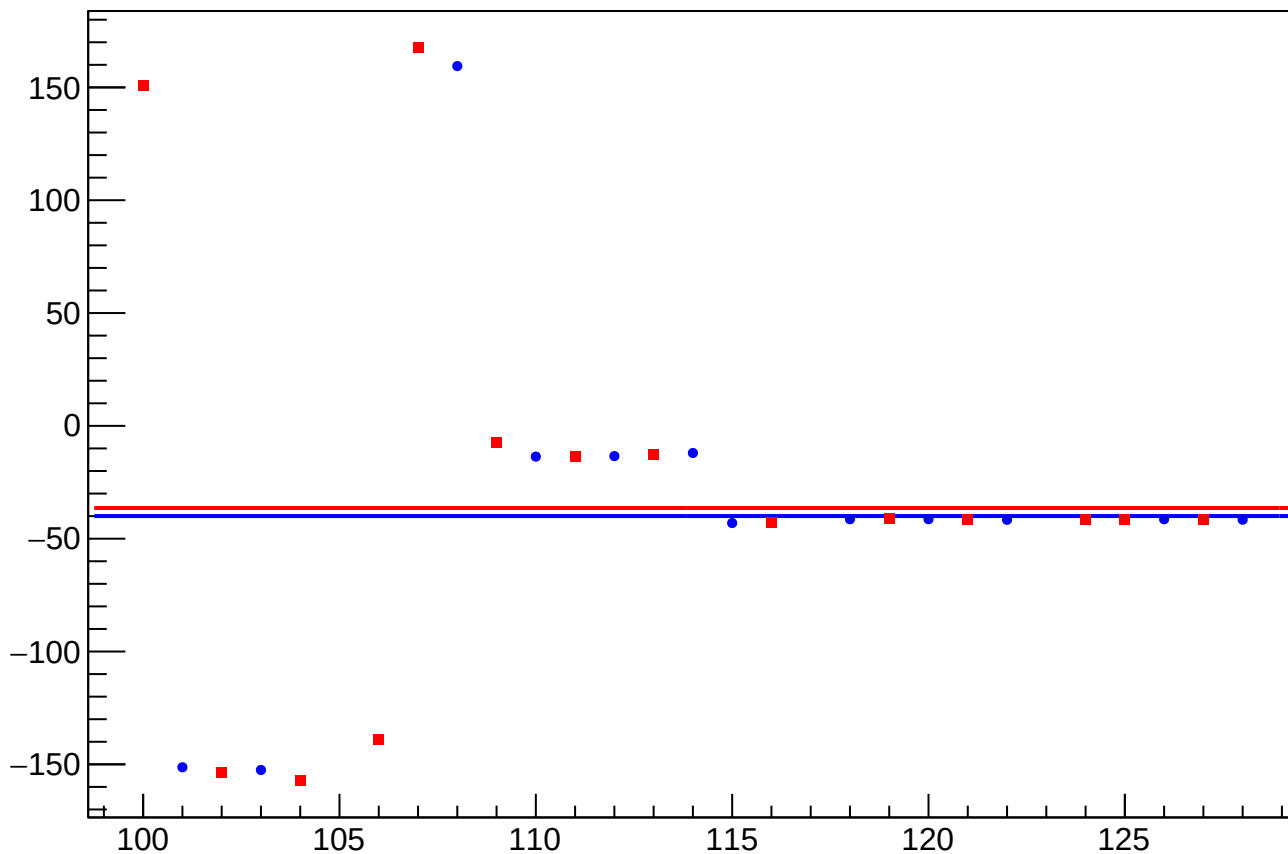
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.622 $\pm$ 0.000 χ^2 /NDF: 3658315.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4cY_mean vs Slug



Right In: -39.961+/-0.000 χ^2/NDF : 3431658718.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.394+/-0.000 χ^2/NDF : 2347449478.1/13

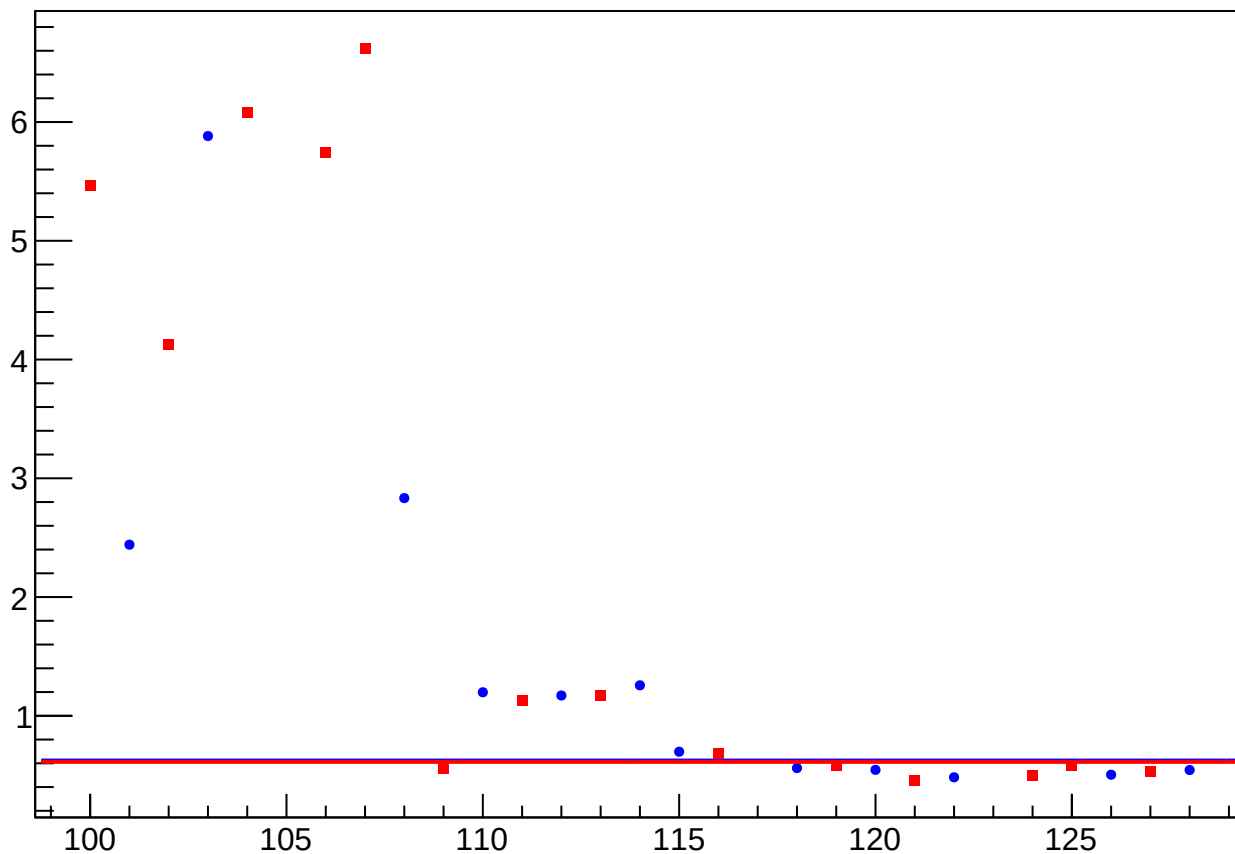
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.138+/-0.000 χ^2/NDF : 5835035414.4/14

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cY_rms vs Slug



Right In: 0.623+/-0.000 χ^2/NDF : 2526834.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.612+/-0.000 χ^2/NDF : 2919748.7/13

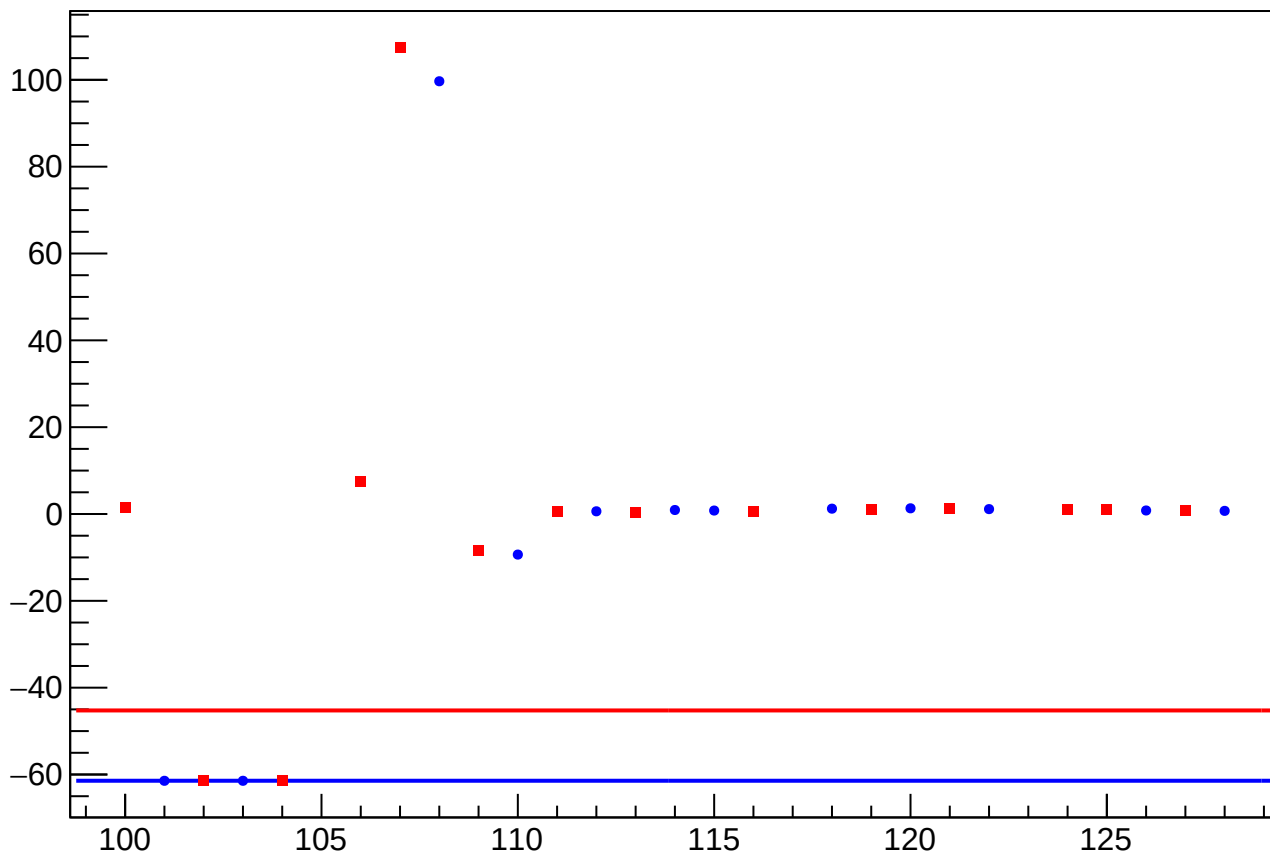
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.618+/-0.000 χ^2/NDF : 5447619.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dX_mean vs Slug



Right In: -61.438+/-0.000 χ^2/NDF : 234997463997.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -45.246+/-0.000 χ^2/NDF : 357855044525580.0/13

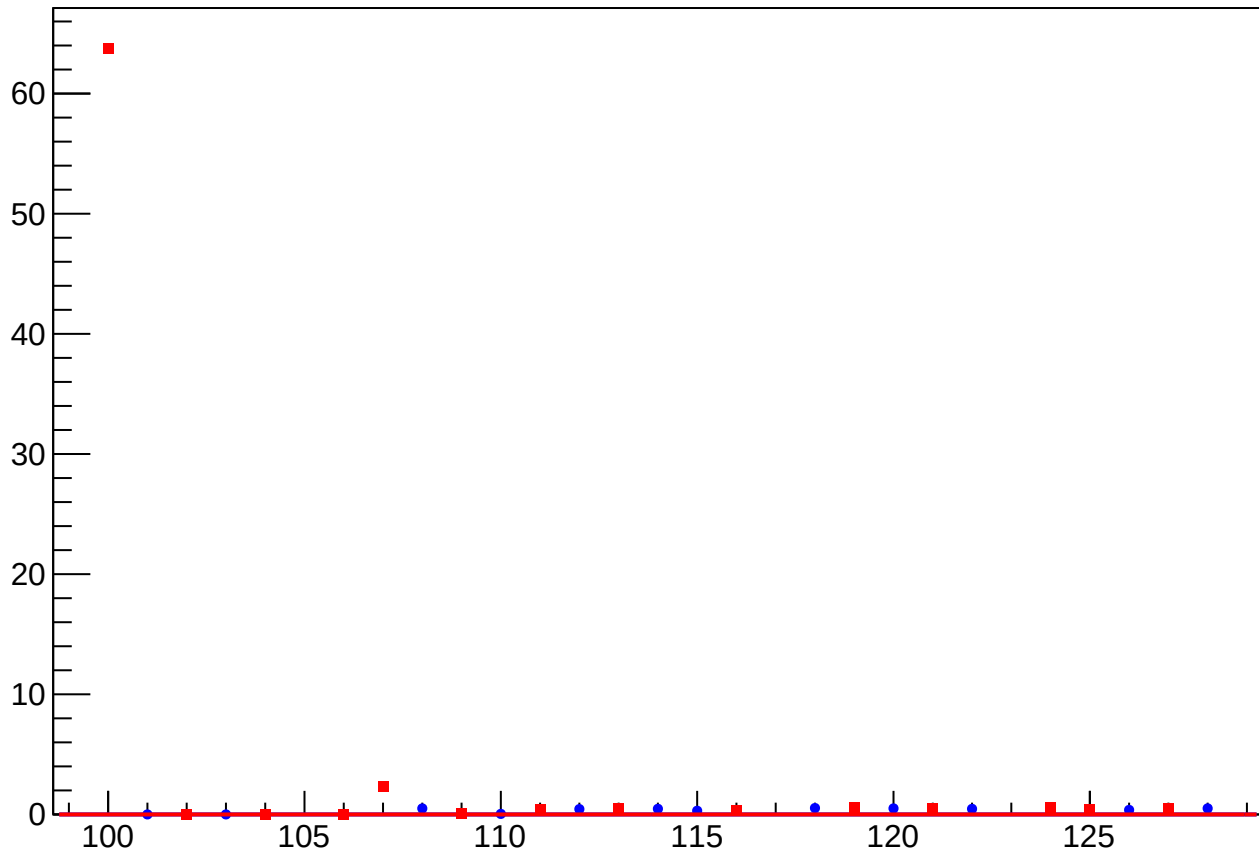
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.750+/-0.000 χ^2/NDF : 409072763995

- 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 : 5745077.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 6165638.5/13

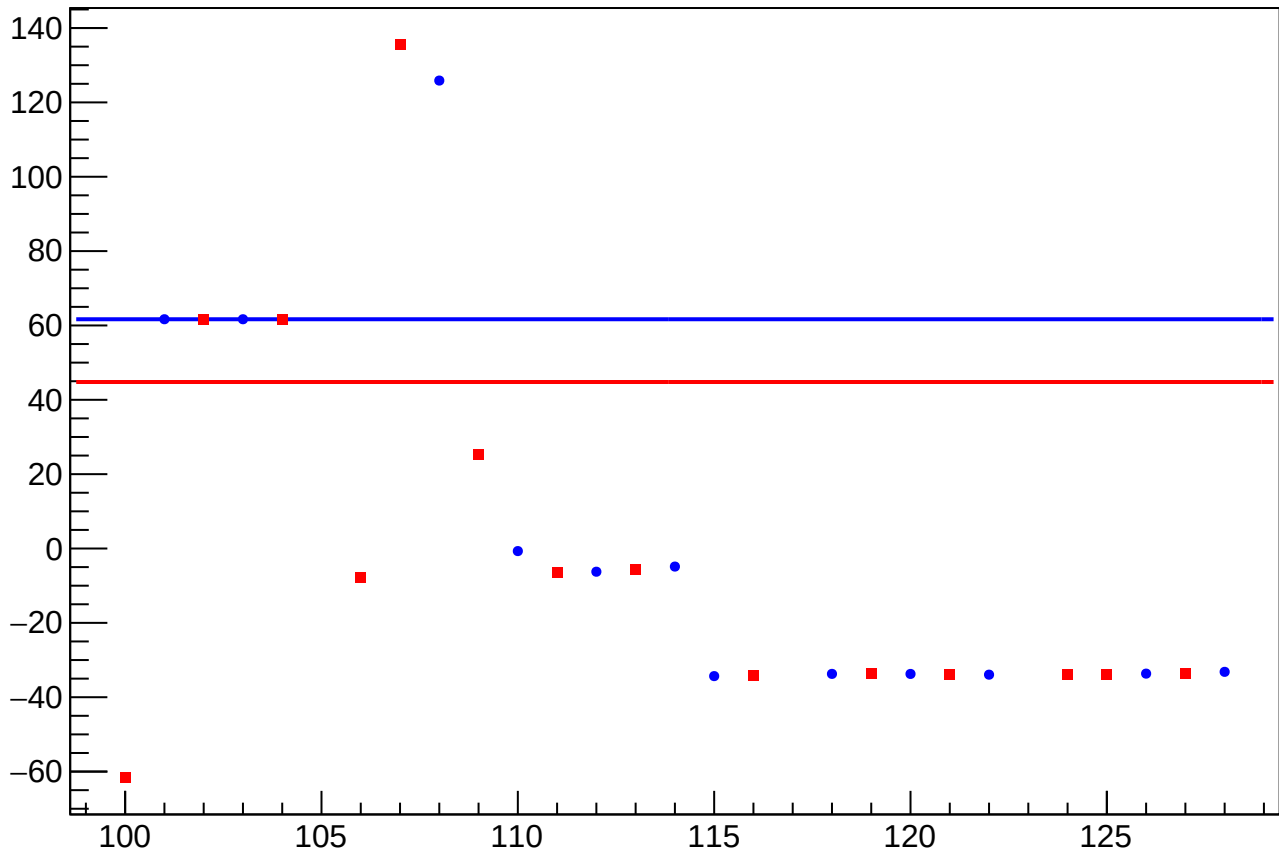
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 11910716.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dY_mean vs Slug



Right In: 61.669+/-0.000 χ^2/NDF : 158863365285.9/11

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

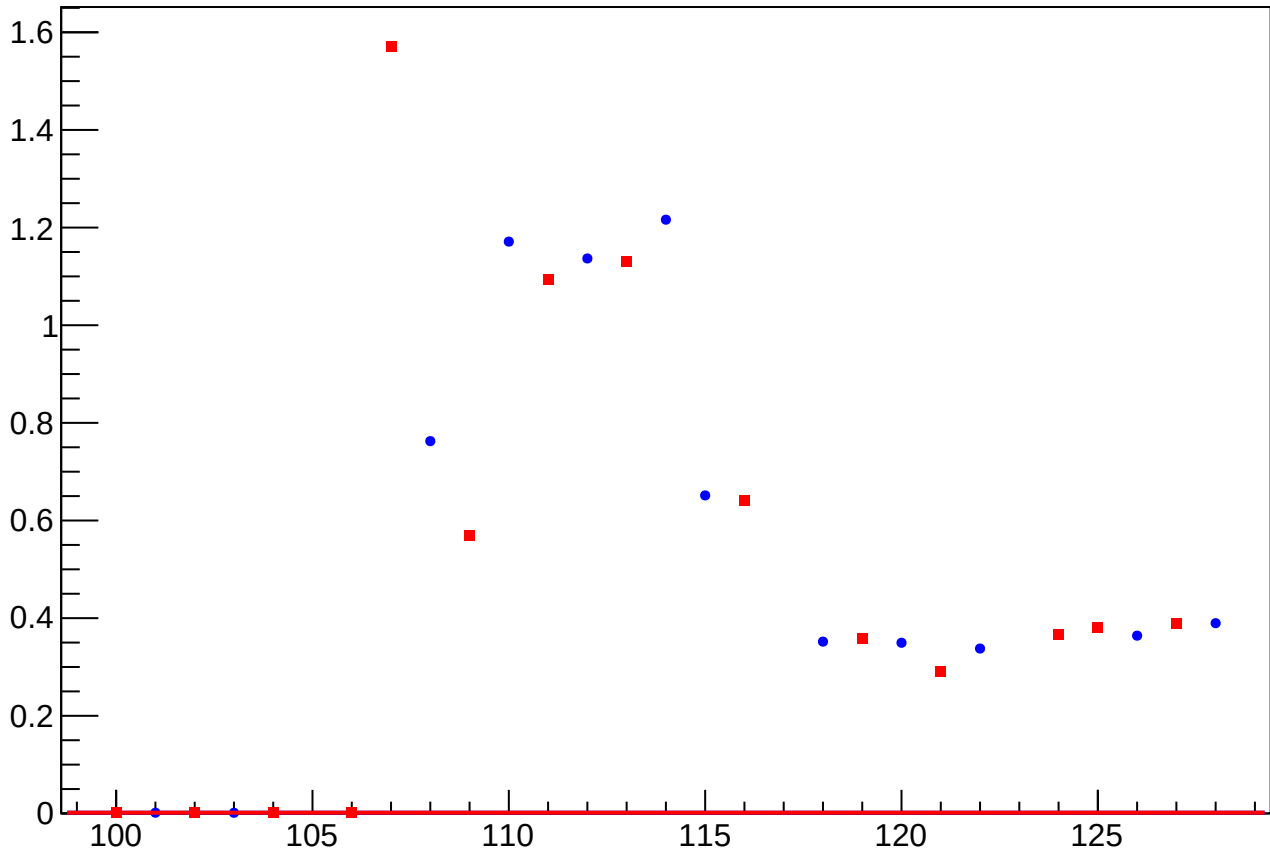
All: 52.694+/-0.000 χ^2/NDF : 4172463912562

Right Out: 44.790+/-0.000 χ^2/NDF : 365971864421378.9/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dY_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 6972132.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 6891800.9/13

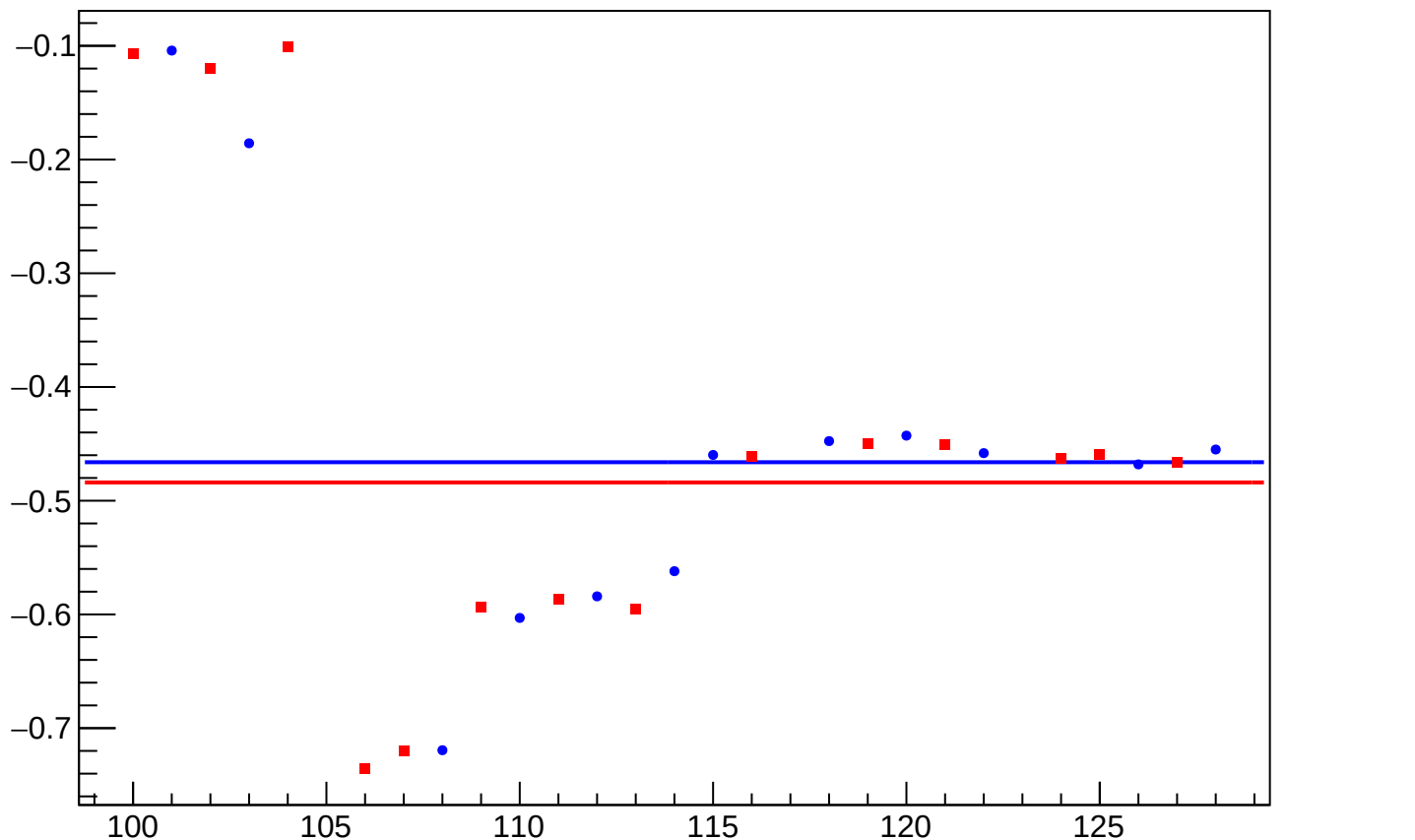
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 13864125.4/25

- 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 : 106498981.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.484+/-0.000 χ^2/NDF : 101011071.8/13

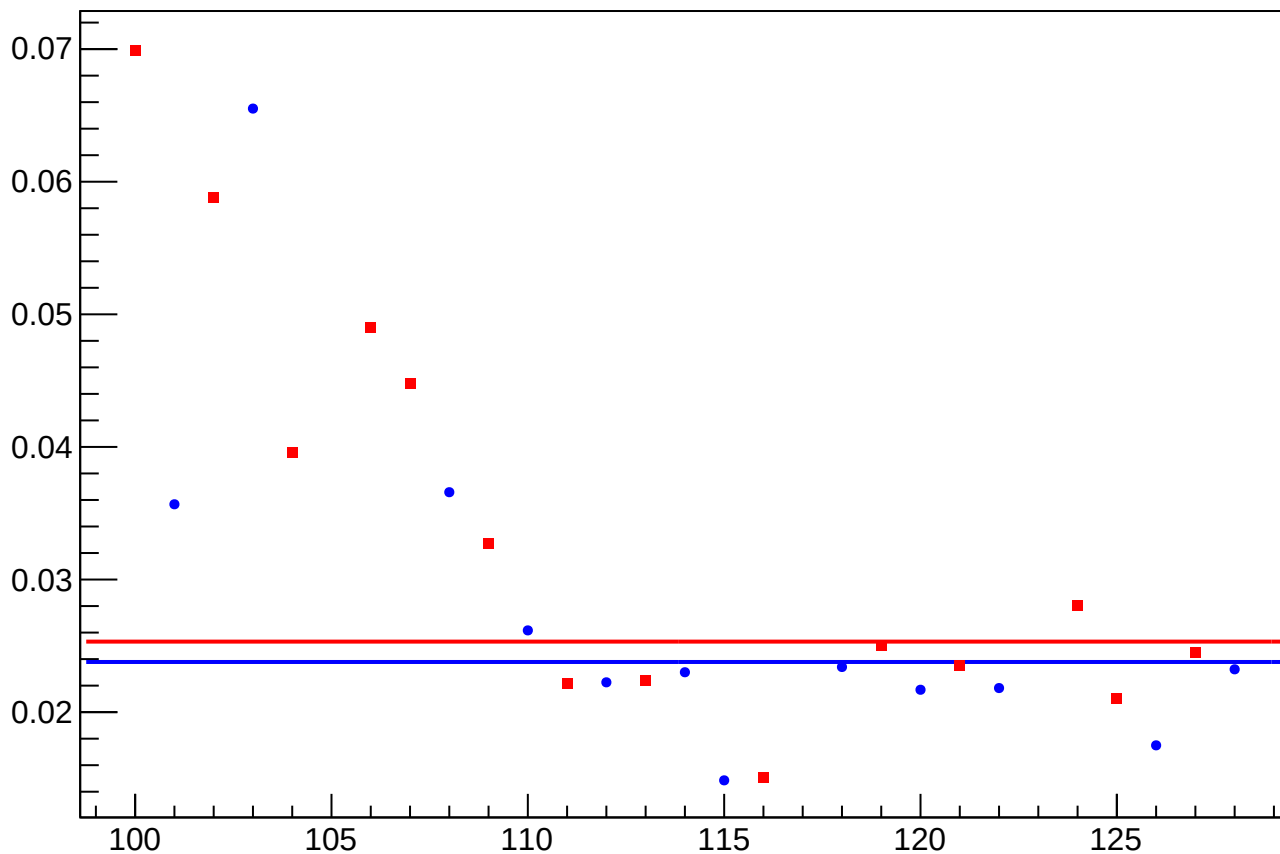
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.475+/-0.000 χ^2/NDF : 208545827.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4aX_rms vs Slug



Right In: 0.024+/-0.000 χ^2/NDF : 838818.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.025+/-0.000 χ^2/NDF : 1004016.2/13

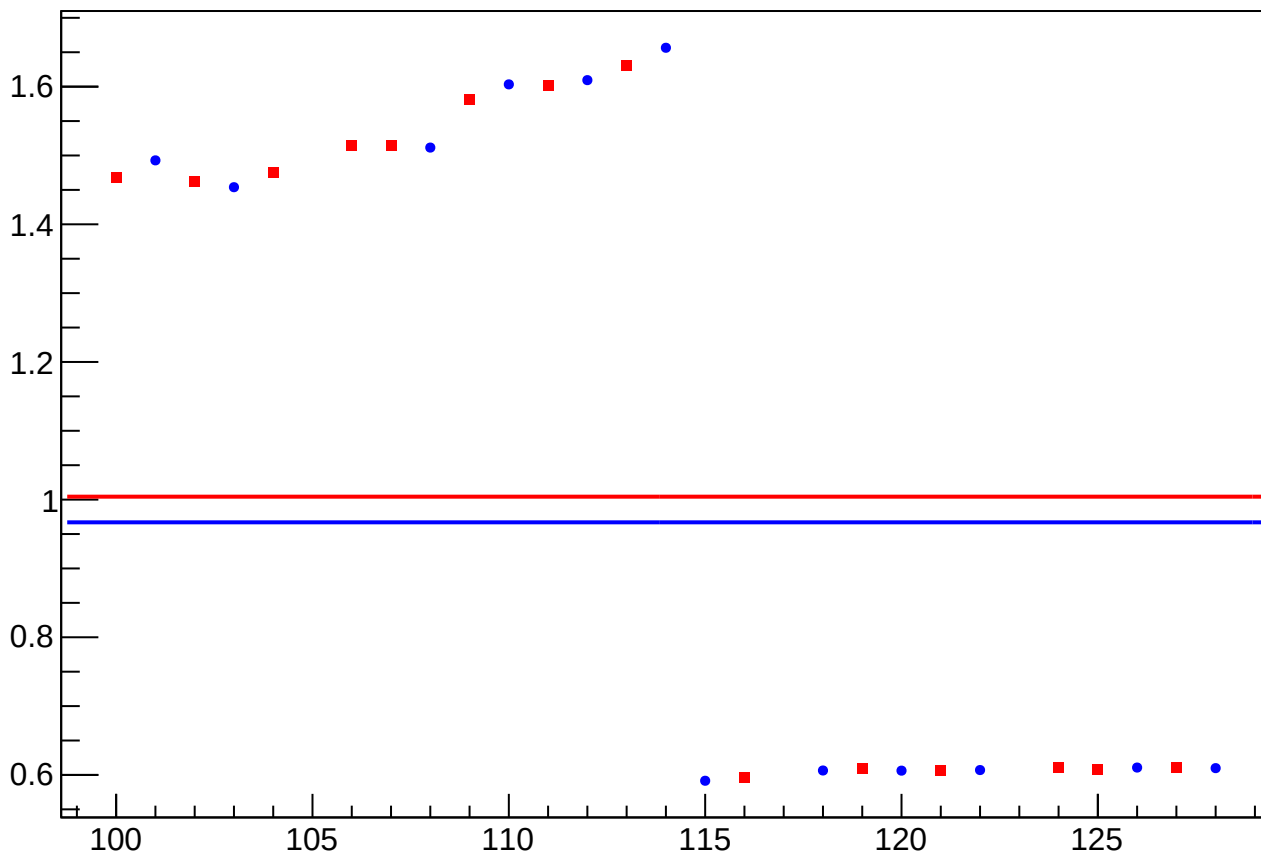
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.000 χ^2/NDF : 1858302.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4aY_mean vs Slug



Right In: 0.967+/-0.000 χ^2/NDF : 2953559517.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.004+/-0.000 χ^2/NDF : 3331699670.9/13

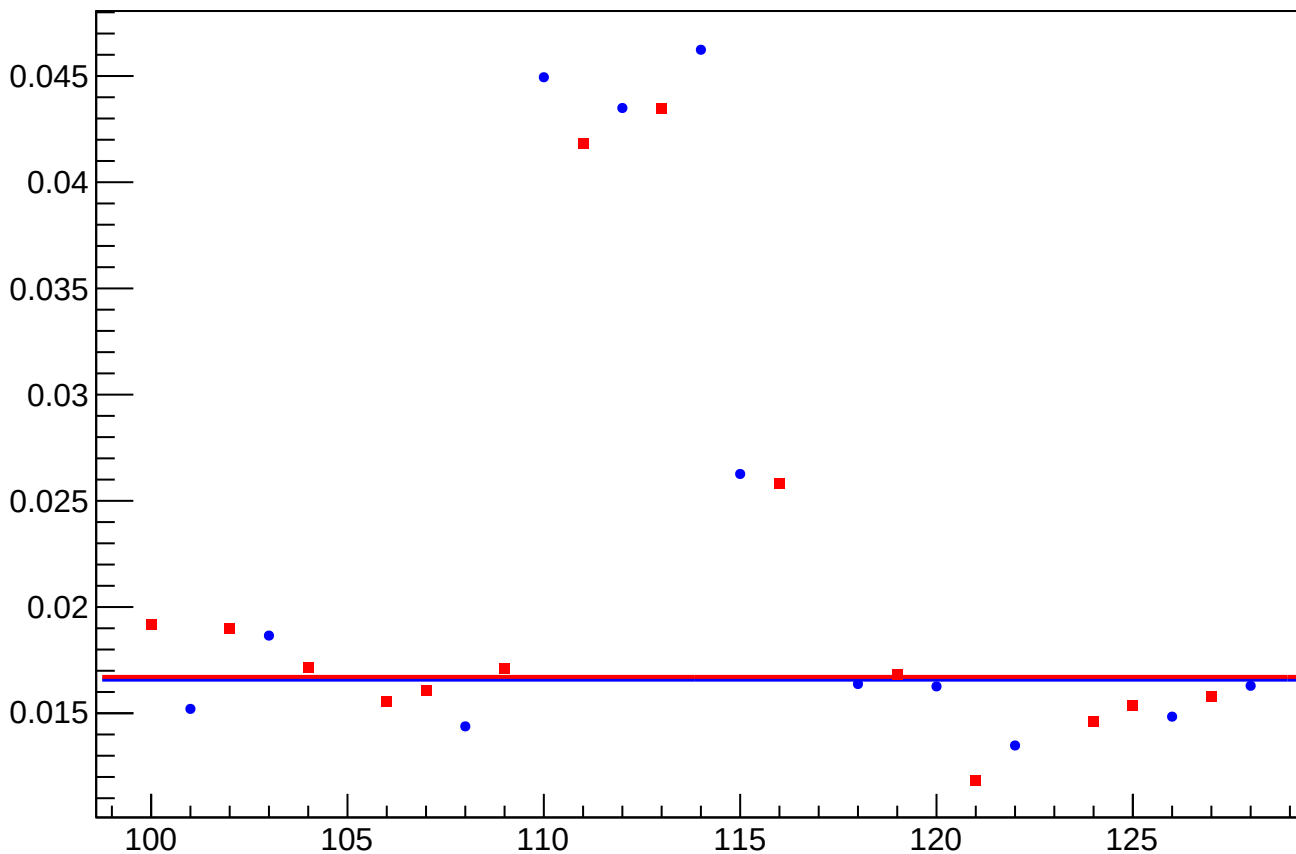
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.986+/-0.000 χ^2/NDF : 6296366945.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4aY_rms vs Slug



Right In: 0.017+/-0.000 χ^2/NDF : 840013.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.000 χ^2/NDF : 886817.9/13

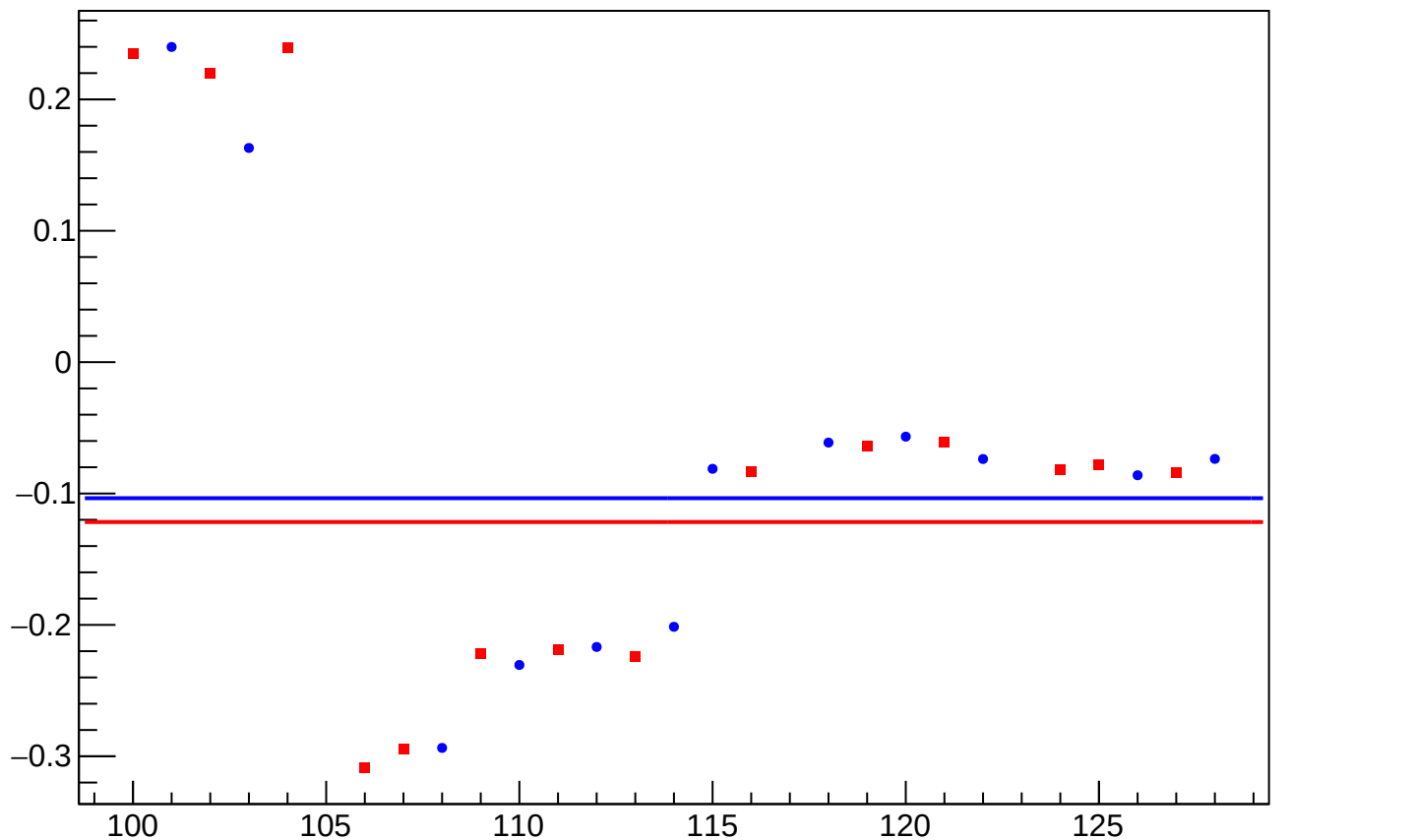
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 1727098.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4eX_mean vs Slug



Right In: -0.104+/-0.000 χ^2/NDF : 105561394.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.122+/-0.000 χ^2/NDF : 106315109.4/13

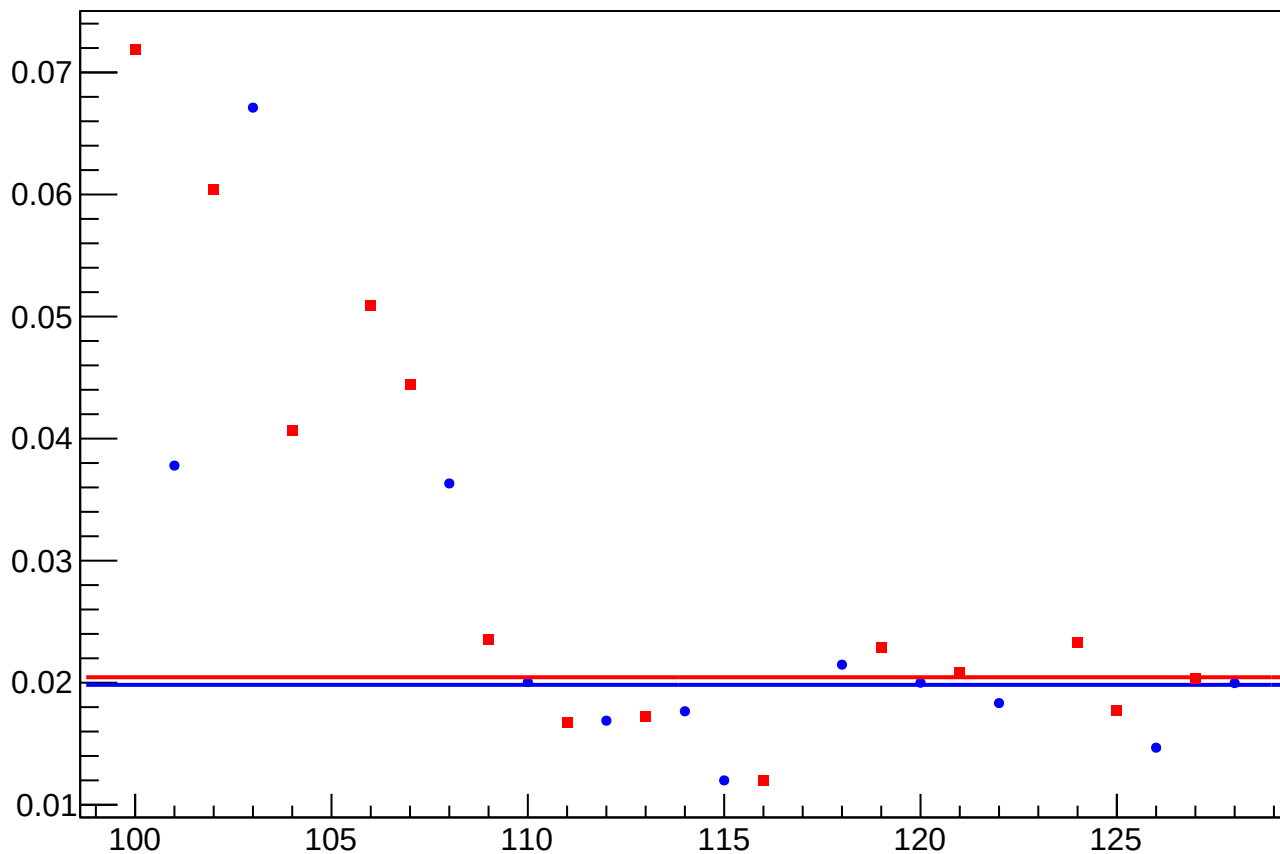
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.113+/-0.000 χ^2/NDF : 213414550.9/25

- 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: 1156381.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.020 $\pm$ 0.000 χ^2 /NDF: 1368702.0/13

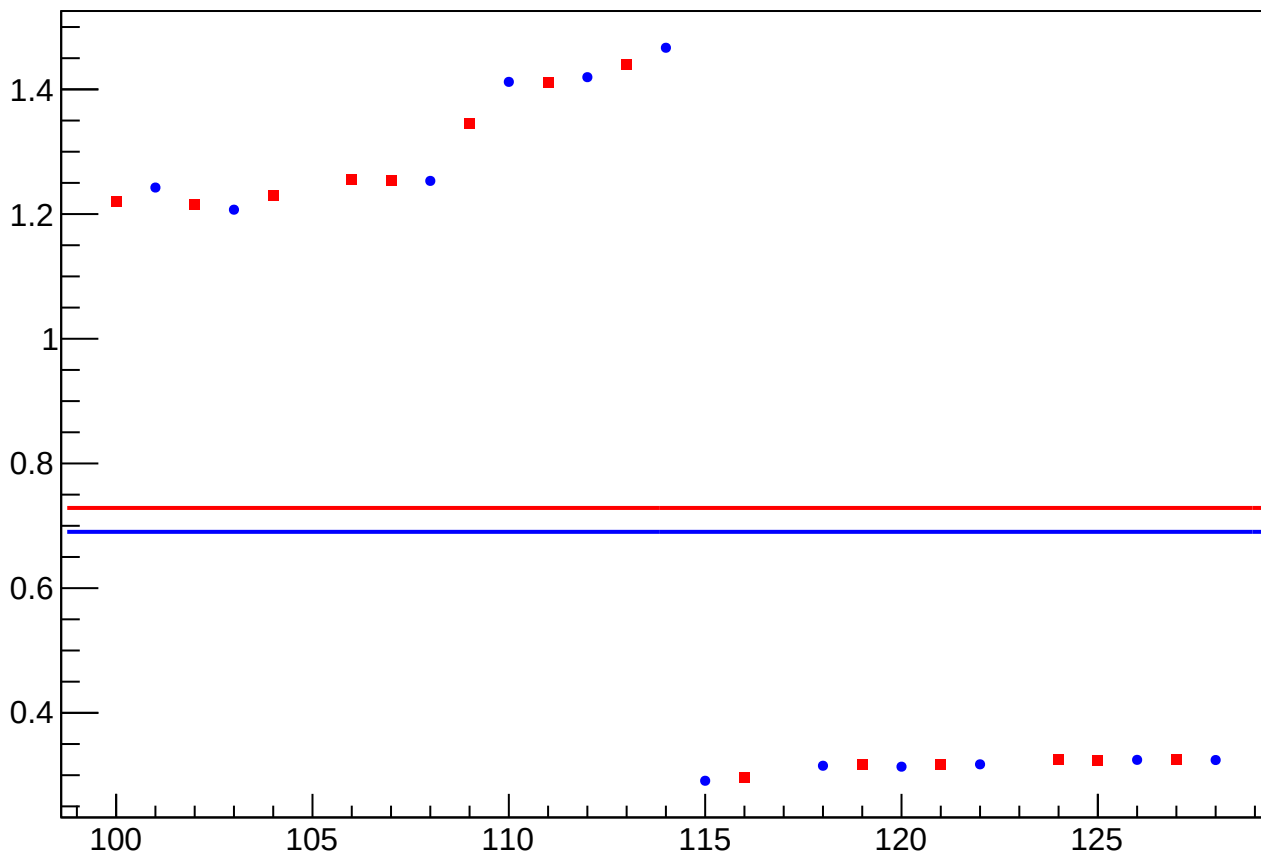
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.020 $\pm$ 0.000 χ^2 /NDF: 2528700.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm4eY_mean vs Slug



Right In: 0.690+/-0.000 χ^2/NDF : 4794595946.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.729+/-0.000 χ^2/NDF : 5071065210.6/13

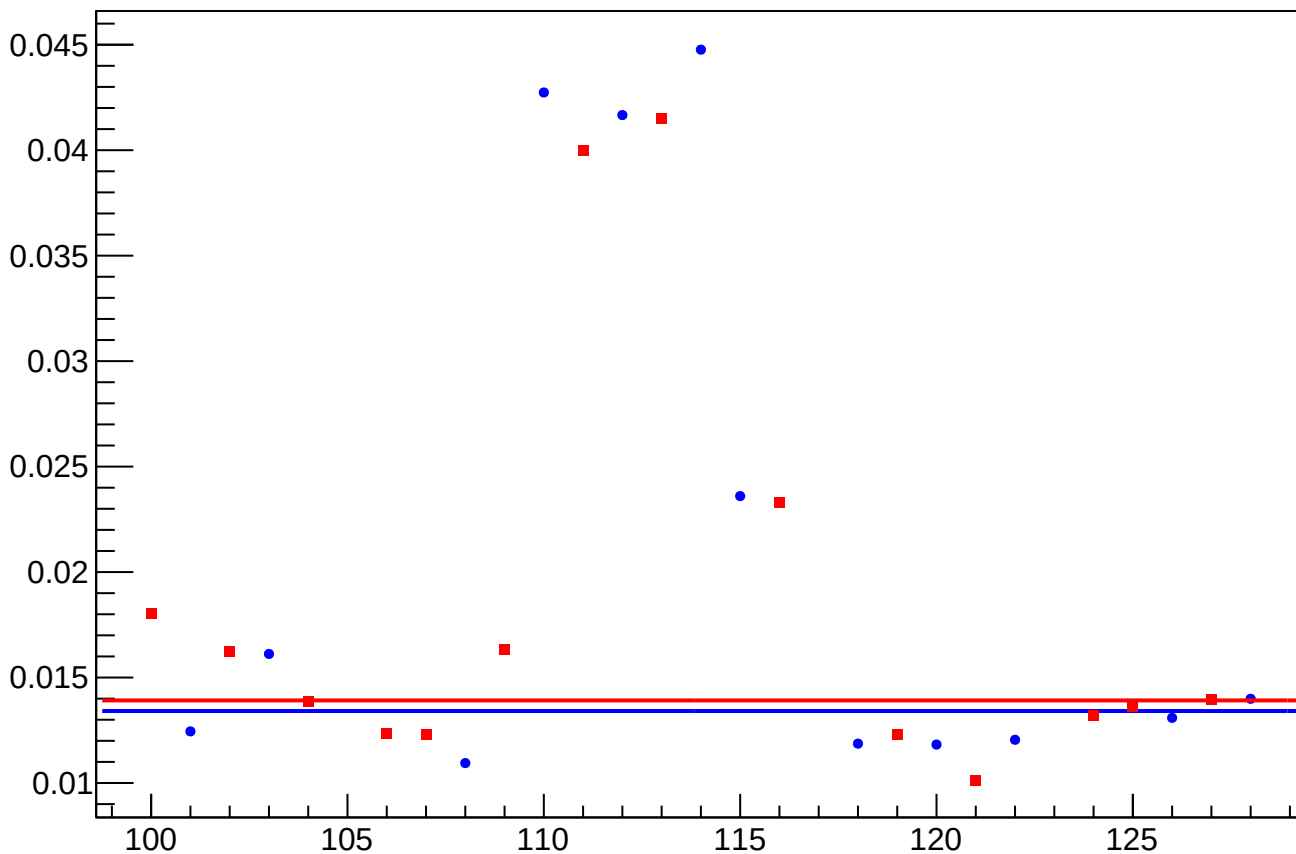
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.710+/-0.000 χ^2/NDF : 9882621963.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4eY_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 1005952.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1030932.6/13

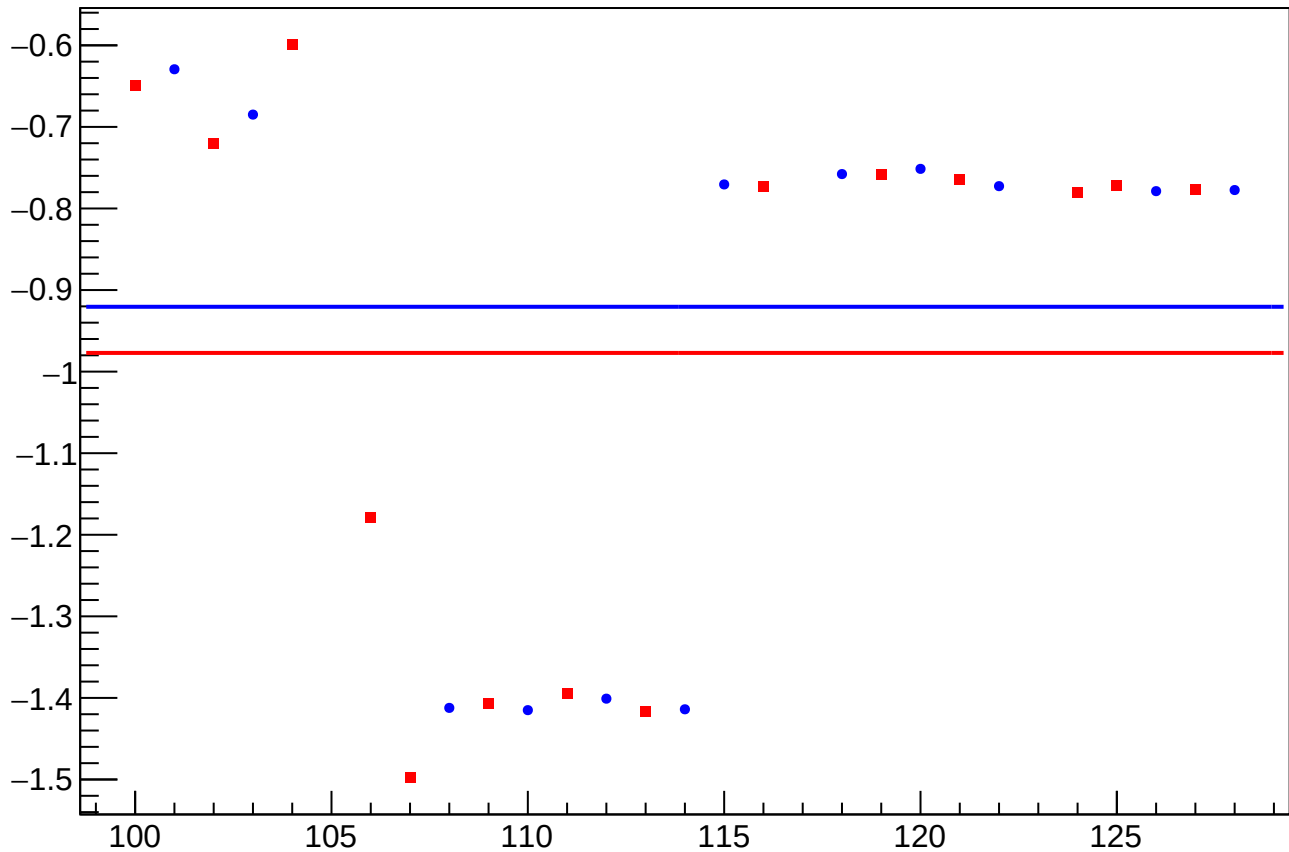
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 2042736.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4acX_mean vs Slug



Right In: -0.921+/-0.000 χ^2/NDF : 575658757.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.977+/-0.000 χ^2/NDF : 639436613.5/13

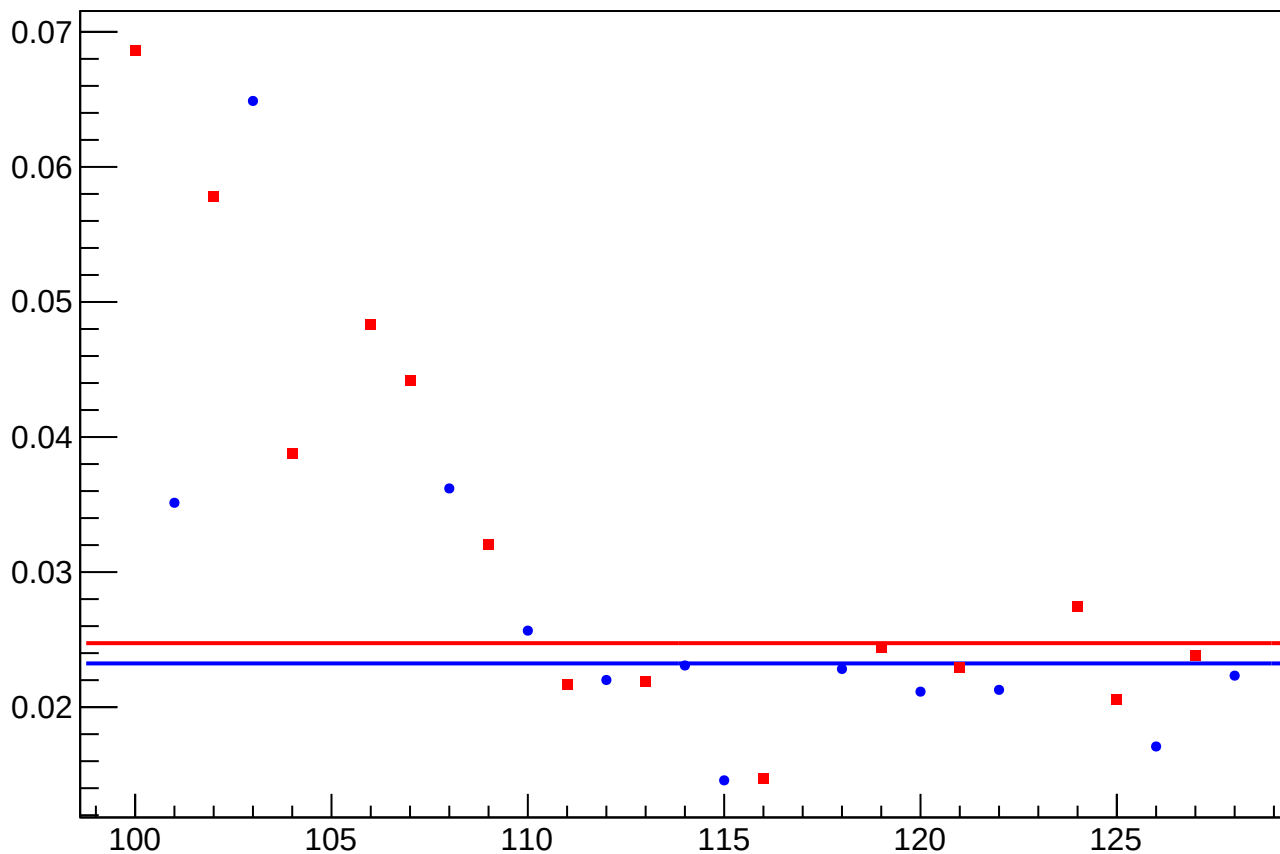
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.948+/-0.000 χ^2/NDF : 1226041160.6/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4acX_rms vs Slug



Right In: 0.023+/-0.000 χ^2/NDF : 850012.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.025+/-0.000 χ^2/NDF : 1012378.4/13

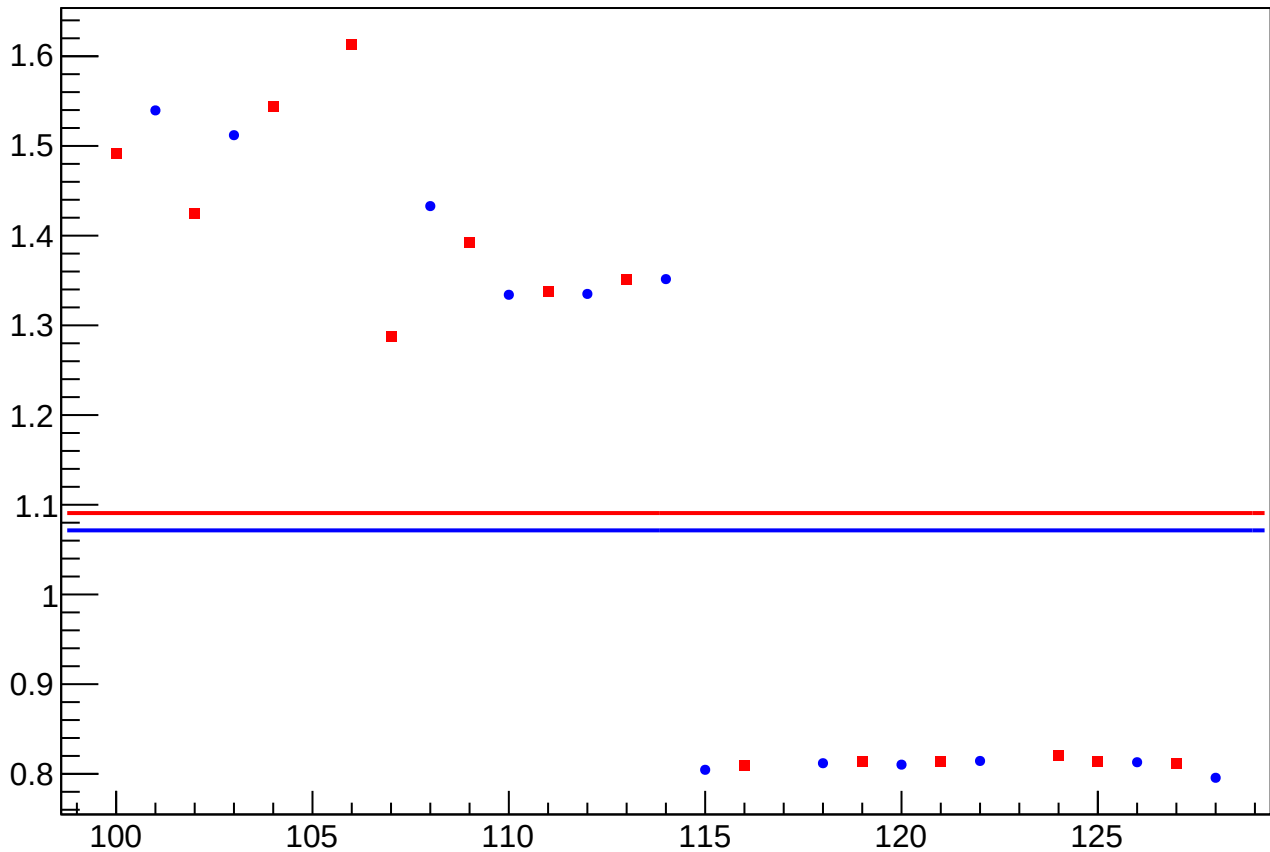
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1877791.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4acY_mean vs Slug



Right In: 1.071+/-0.000 χ^2/NDF : 1661844698.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.091+/-0.000 χ^2/NDF : 1728083990.9/13

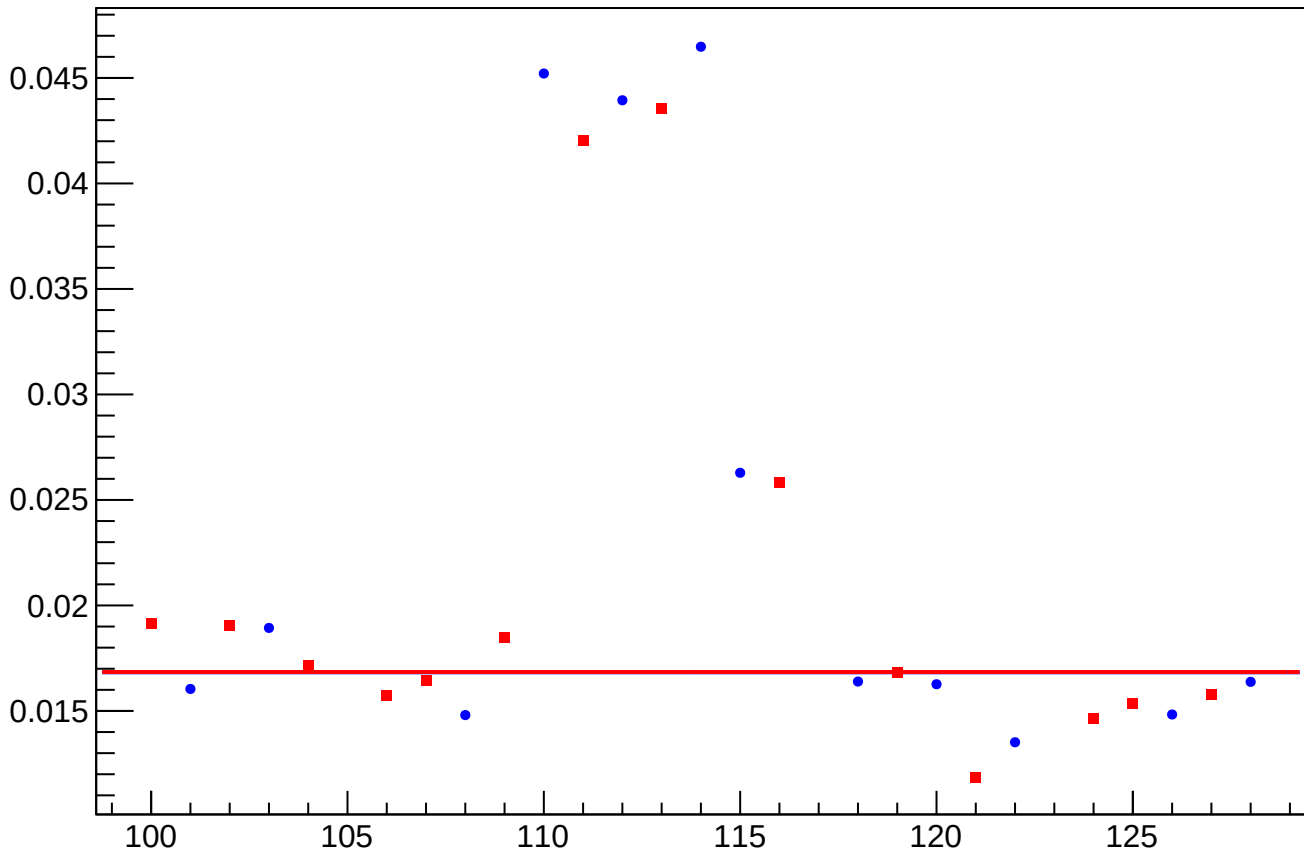
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.081+/-0.000 χ^2/NDF : 3392825466.2/25

- 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 : 832810.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.000 χ^2/NDF : 893540.4/13

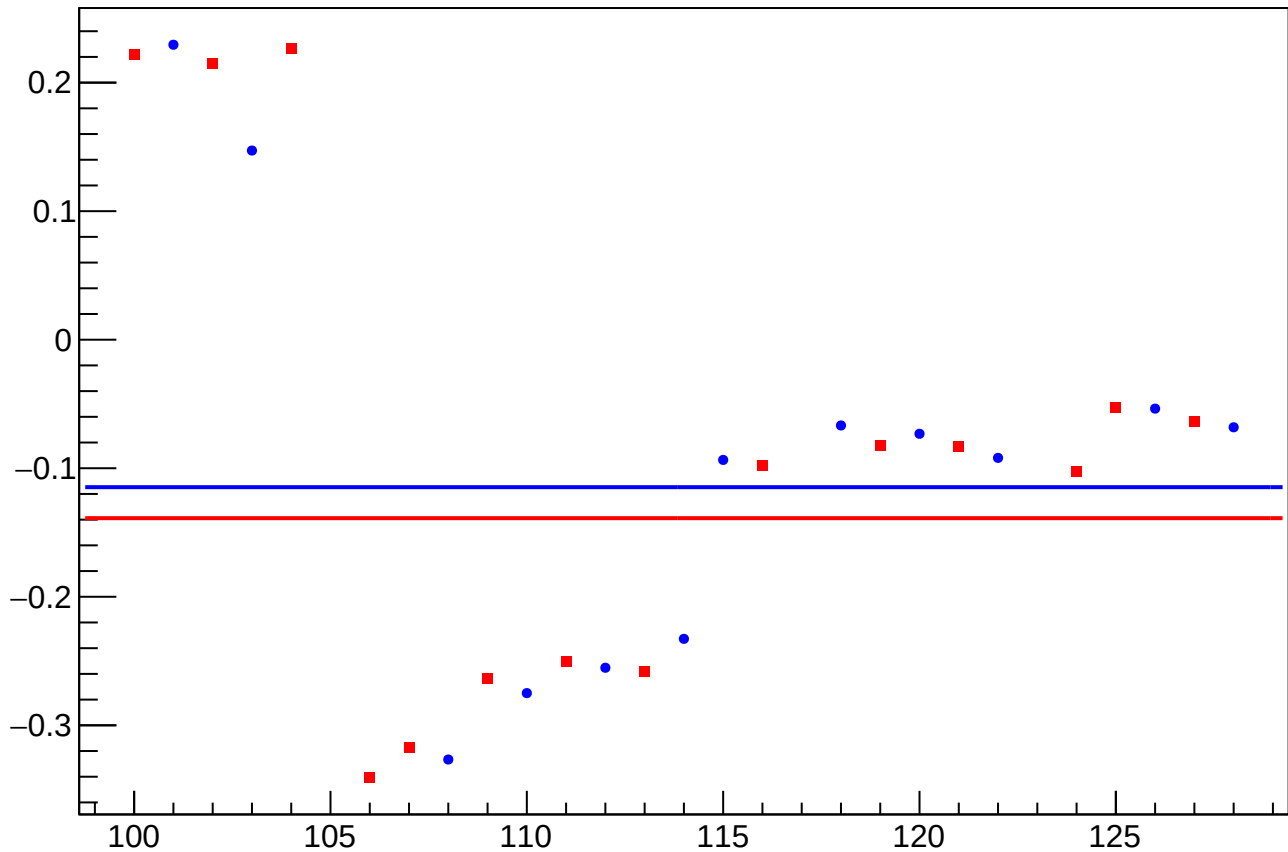
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 1726353.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4ecX_mean vs Slug



Right In: -0.115 ± 0.000 χ^2/NDF : 129716103.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.139 ± 0.000 χ^2/NDF : 127308502.9/13

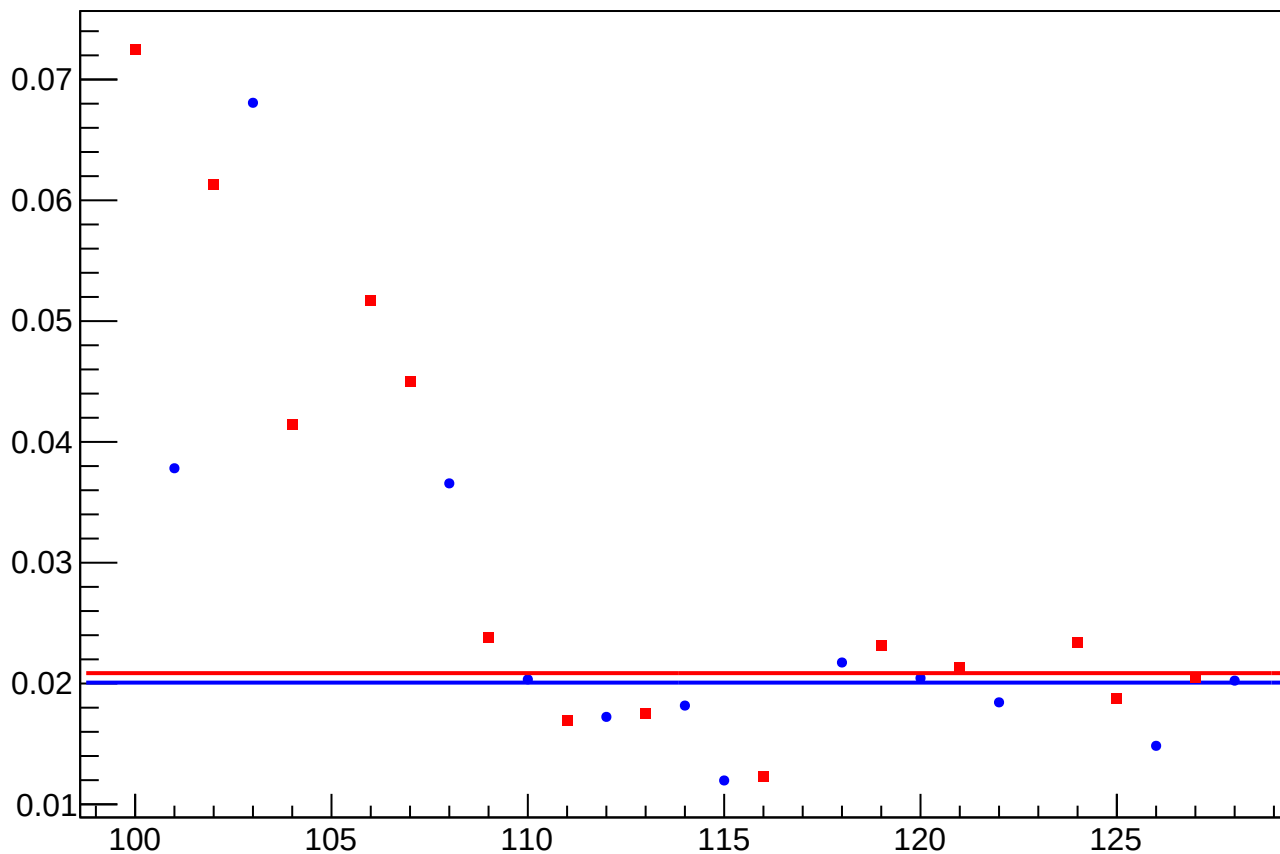
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.127 ± 0.000 χ^2/NDF : 259660135.9/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

yield_bpm4ecX_rms vs Slug



Right In: 0.020+/-0.000 χ^2/NDF : 1148655.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.000 χ^2/NDF : 1353843.2/13

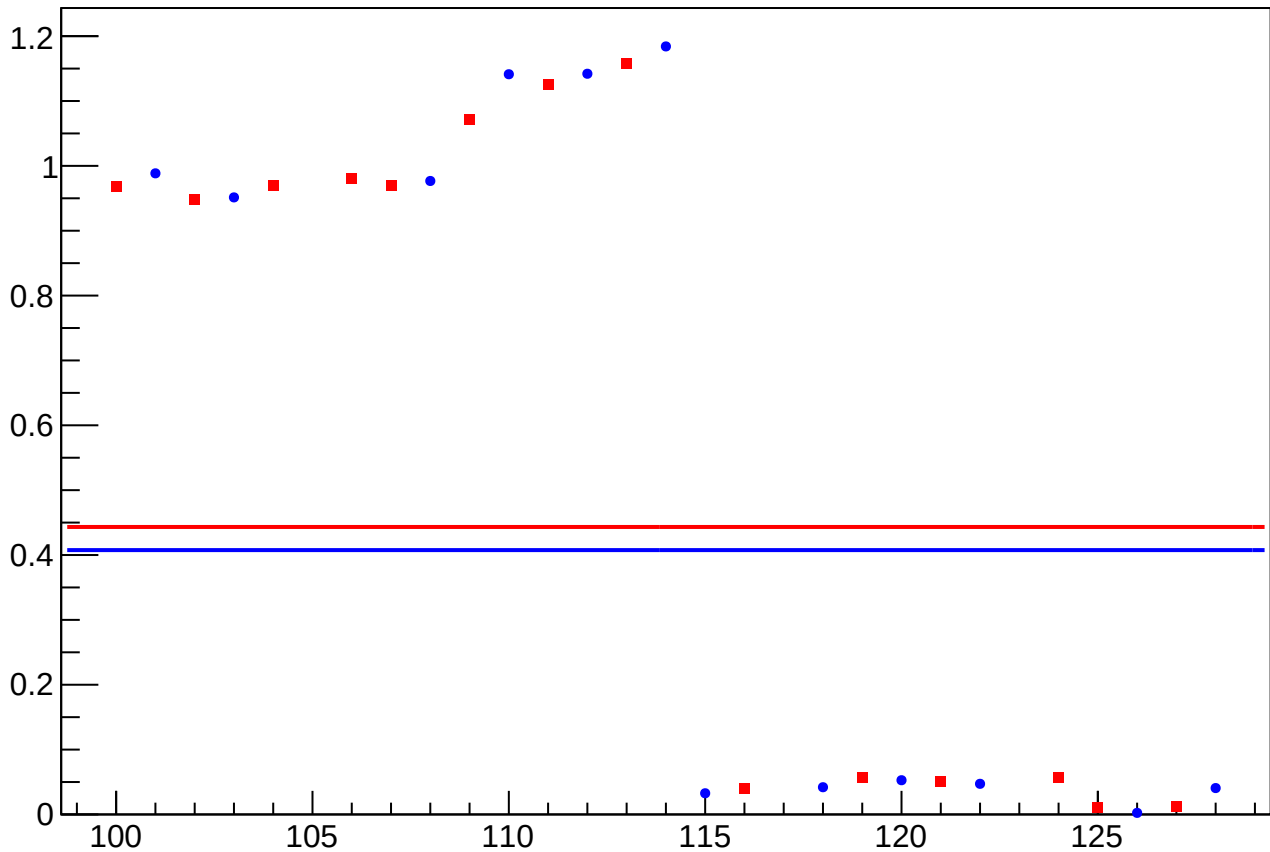
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.000 χ^2/NDF : 2508080.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4ecY_mean vs Slug



Right In: 0.408+/-0.000 χ^2/NDF : 5041374704.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.443+/-0.000 χ^2/NDF : 5200167972.5/13

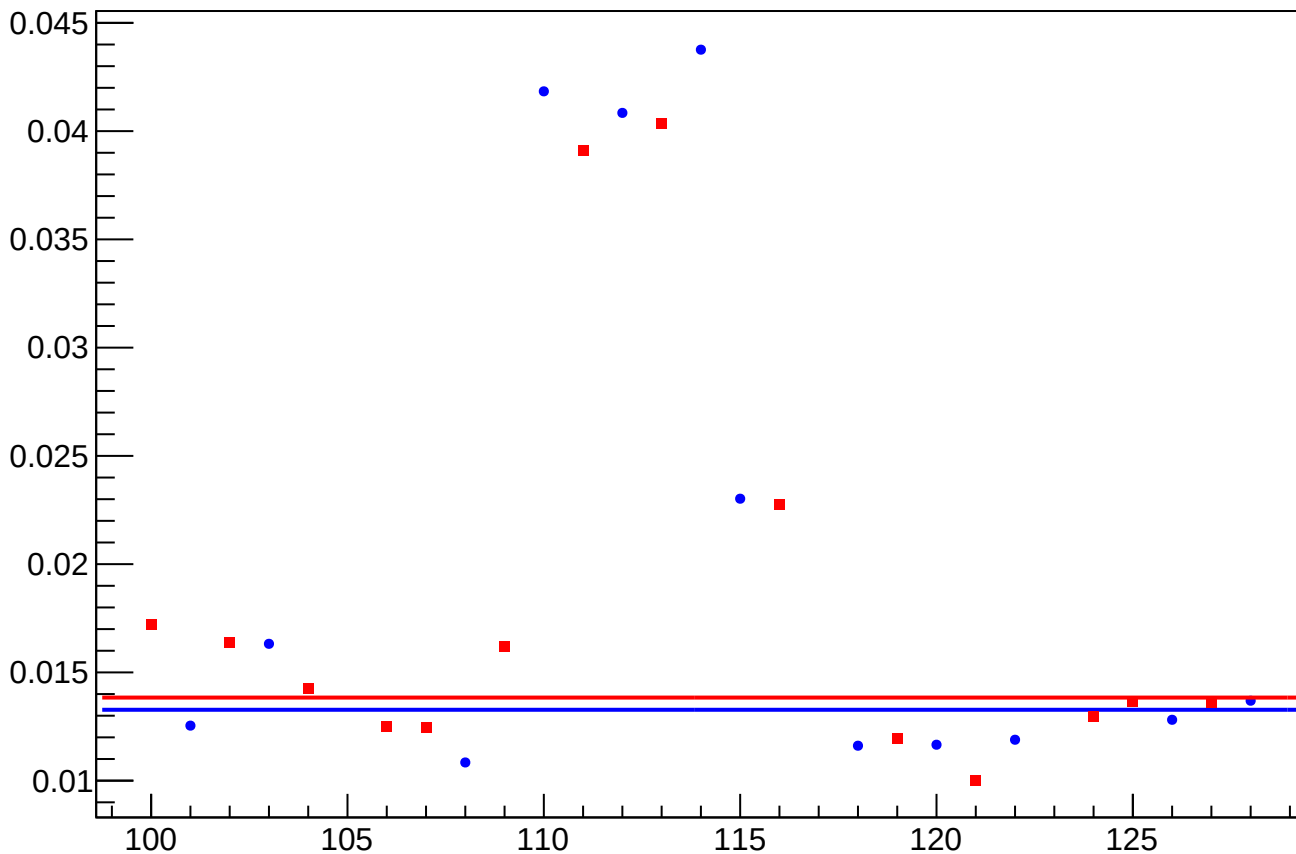
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.425+/-0.000 χ^2/NDF : 10256494207.9/2

- 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 : 1005812.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1024120.4/13

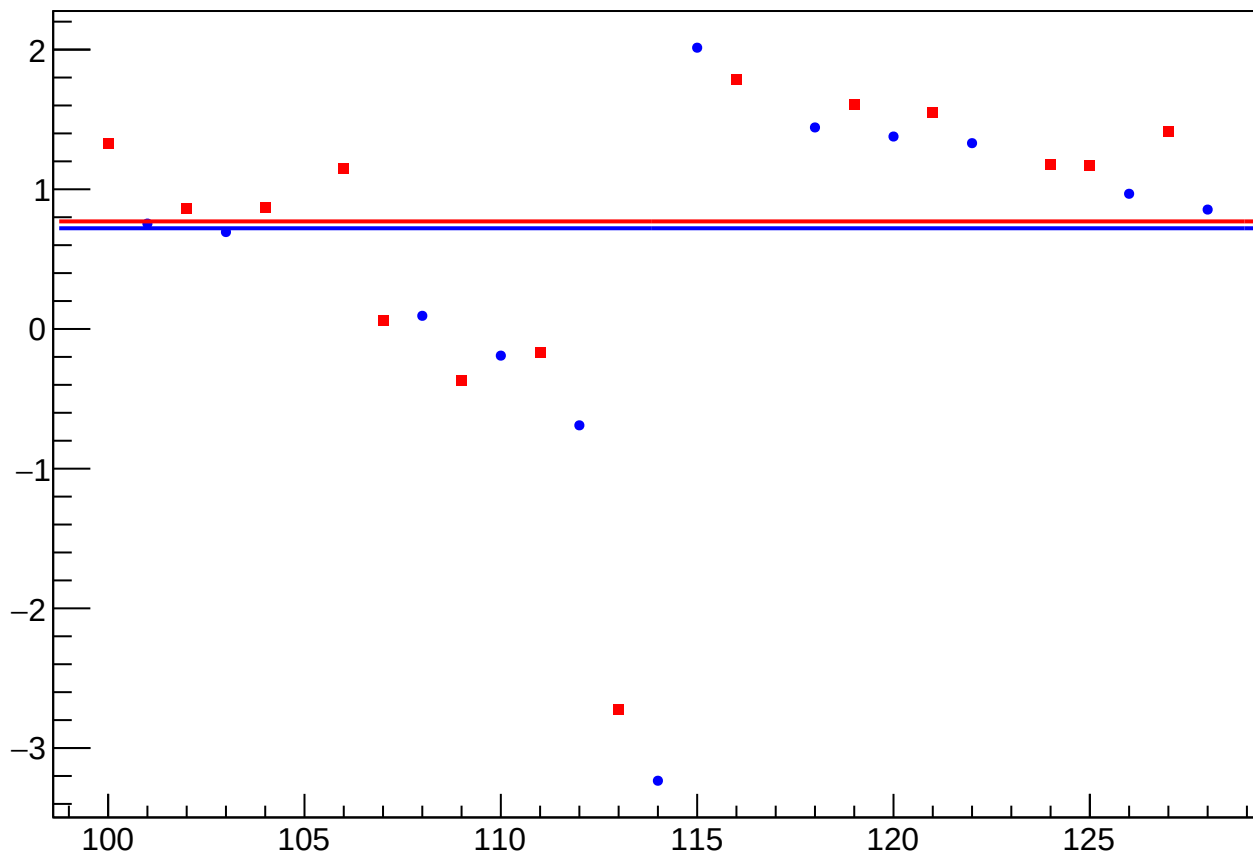
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 2037399.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1X_mean vs Slug



Right In: 0.721+/-0.000 χ^2/NDF : 358258267.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.770+/-0.000 χ^2/NDF : 1027551000.9/13

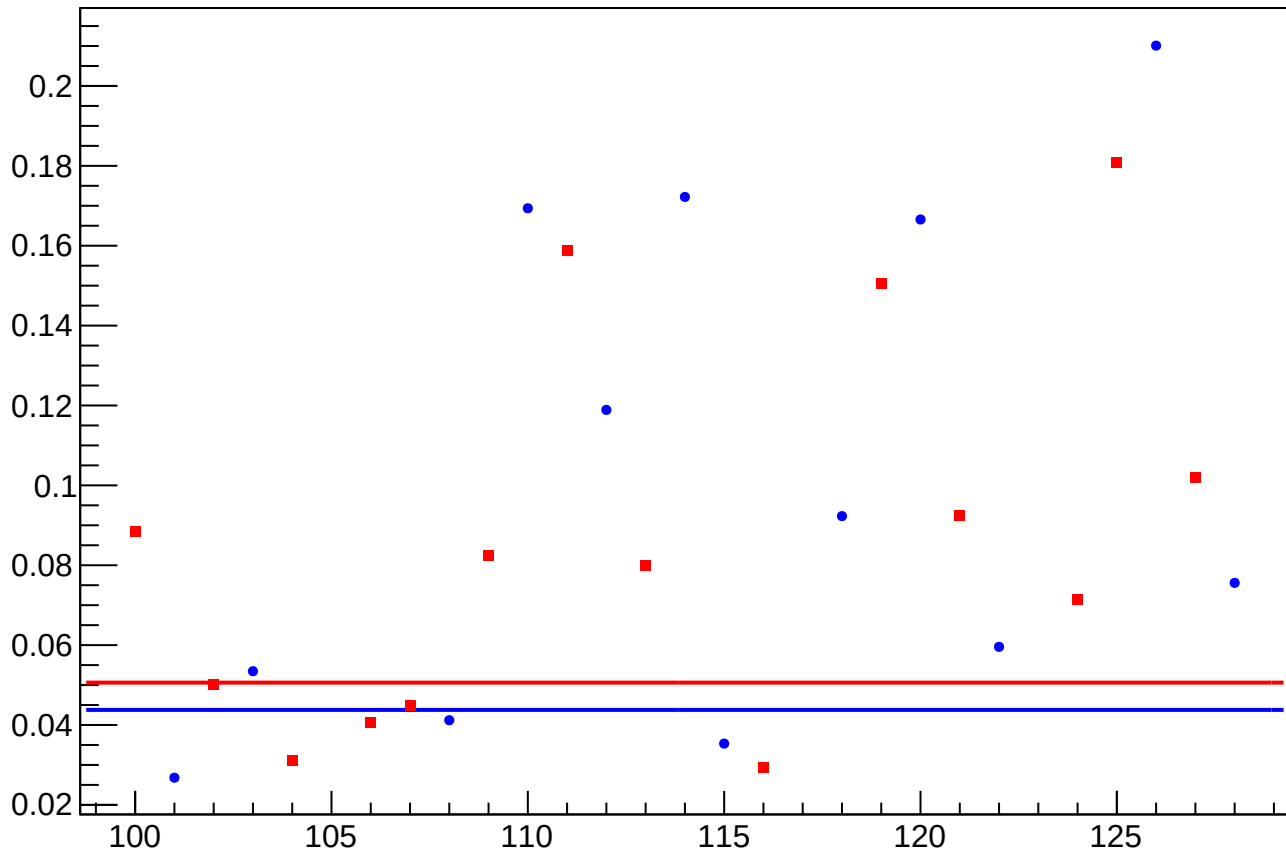
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.744+/-0.000 χ^2/NDF : 1387427511.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1X_rms vs Slug



Right In: 0.044+/-0.000 χ^2/NDF : 2525945.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.051+/-0.000 χ^2/NDF : 2165646.8/13

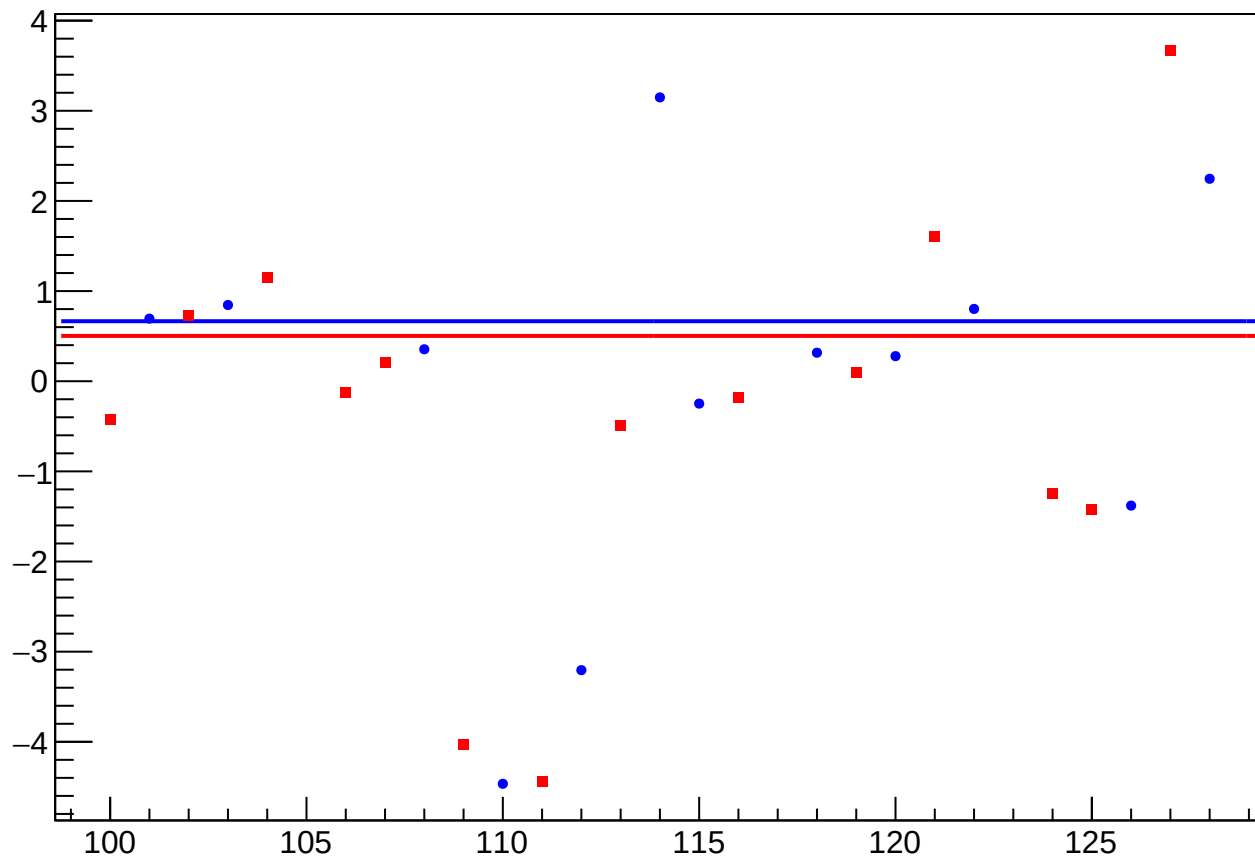
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.047+/-0.000 χ^2/NDF : 4754026.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1Y_mean vs Slug



Right In: 0.666+/-0.000 χ^2/NDF : 1707730469.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.503+/-0.000 χ^2/NDF : 4433061518.9/13

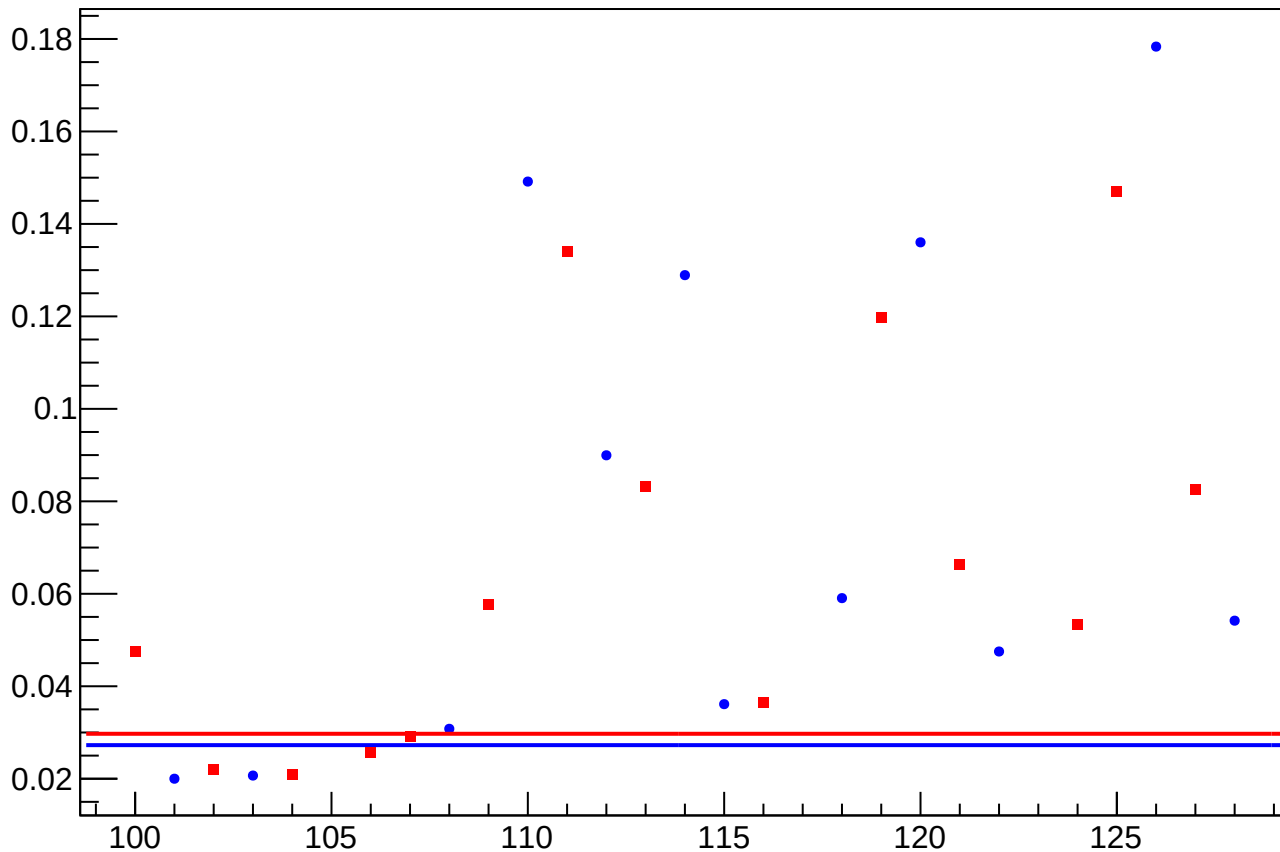
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.586+/-0.000 χ^2/NDF : 6186840334.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1Y_rms vs Slug



Right In: 0.027+/-0.000 χ^2/NDF : 2679897.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.030+/-0.000 χ^2/NDF : 2799480.5/13

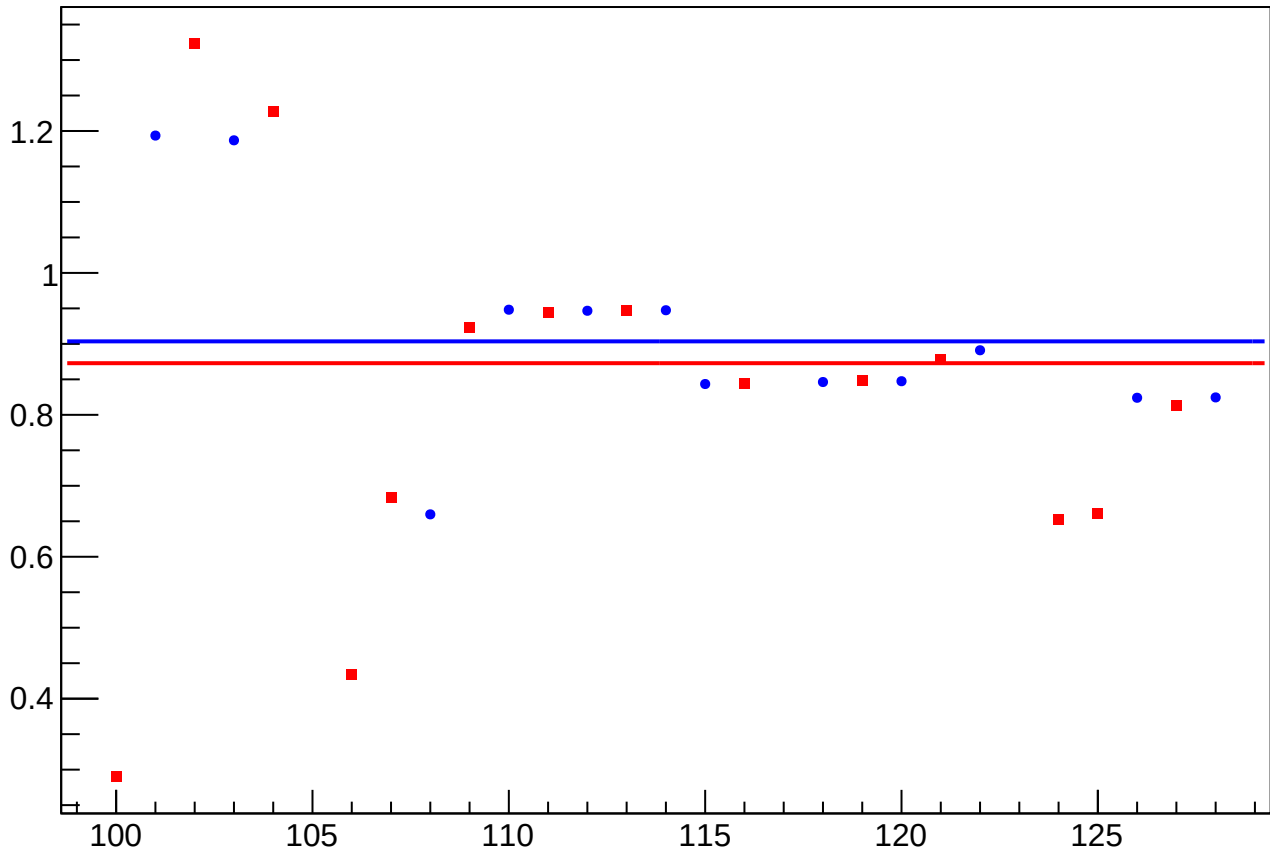
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.000 χ^2/NDF : 5500294.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm11X_mean vs Slug



Right In: 0.904+/-0.000 χ^2/NDF : 337594261.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.873+/-0.000 χ^2/NDF : 601934339.5/13

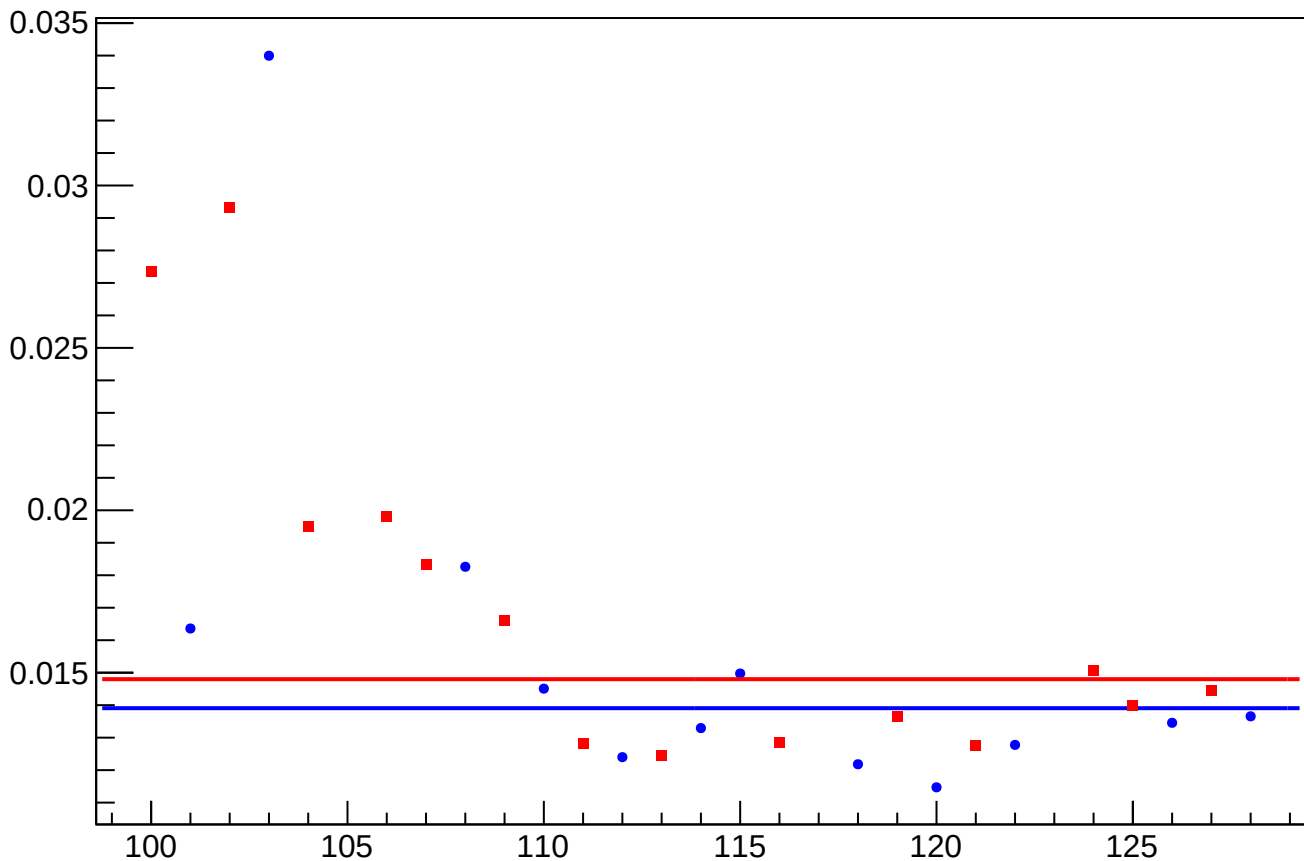
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.888+/-0.000 χ^2/NDF : 949659236.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm11X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 529076.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 502520.5/13

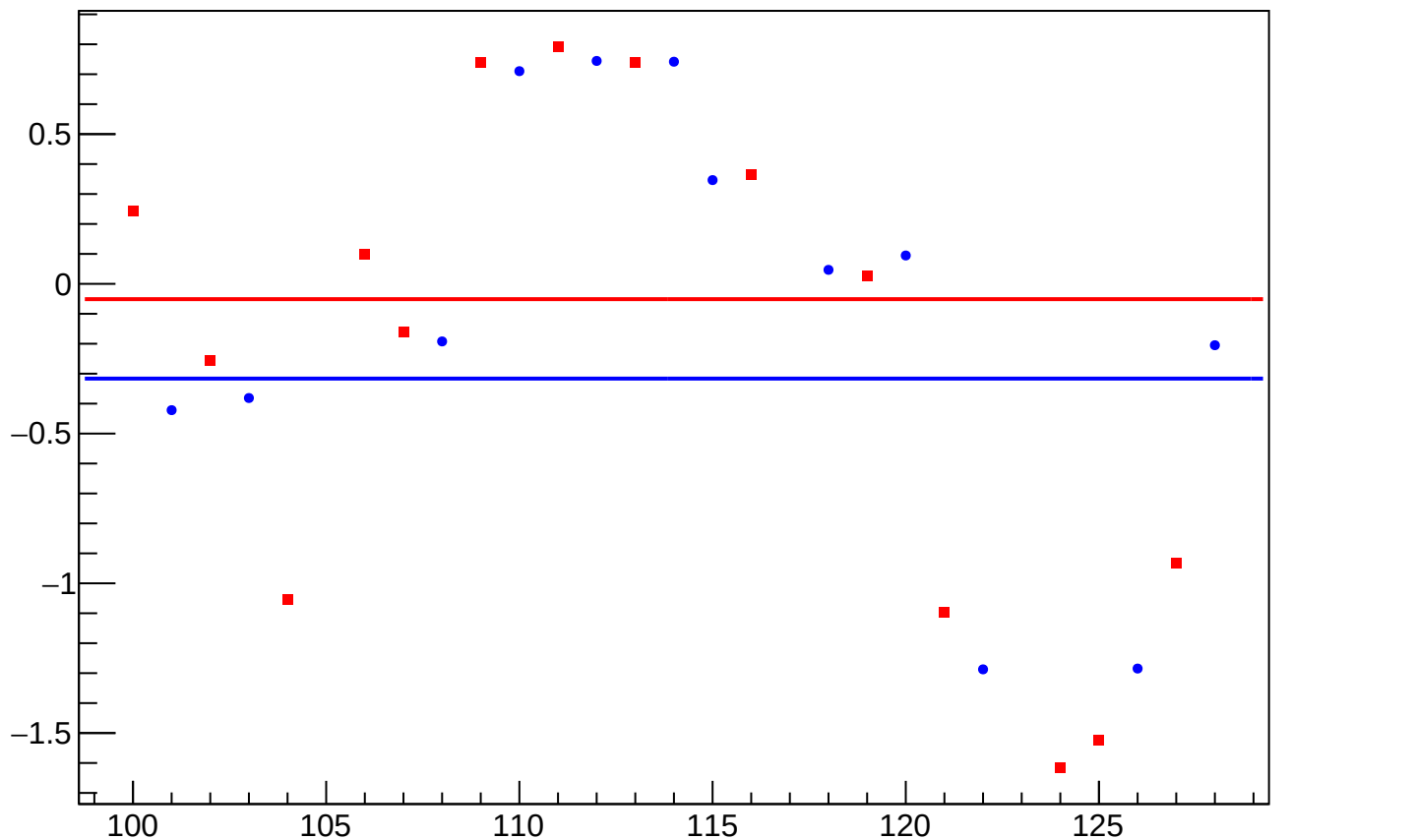
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 1048690.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm11Y_mean vs Slug



Right In: -0.316+/-0.000 χ^2/NDF : 5441070350.1/11

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

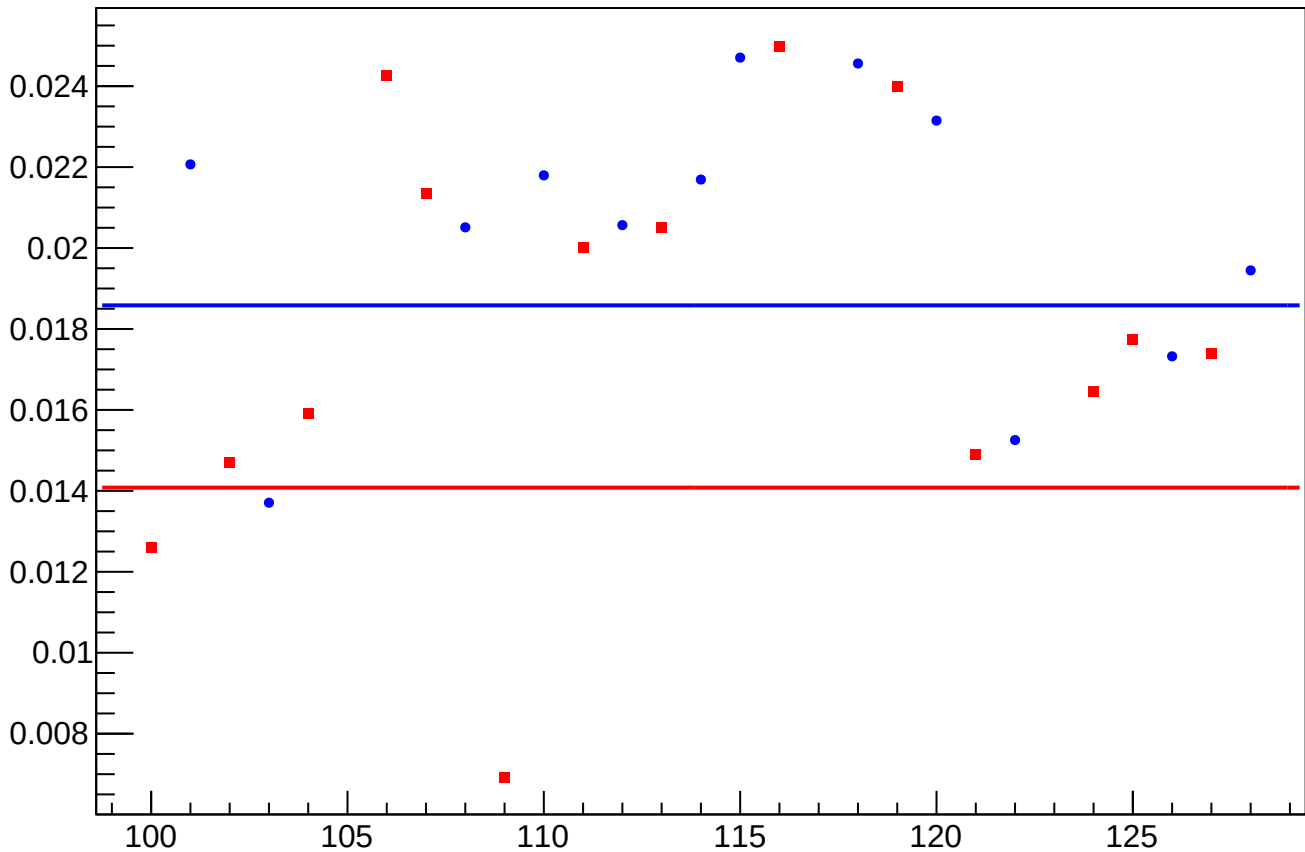
Right Out: -0.051+/-0.000 χ^2/NDF : 14432752225.7/13

All: -0.151+/-0.000 χ^2/NDF : 20433725483.8

- 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 : 349246.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1393536.7/13

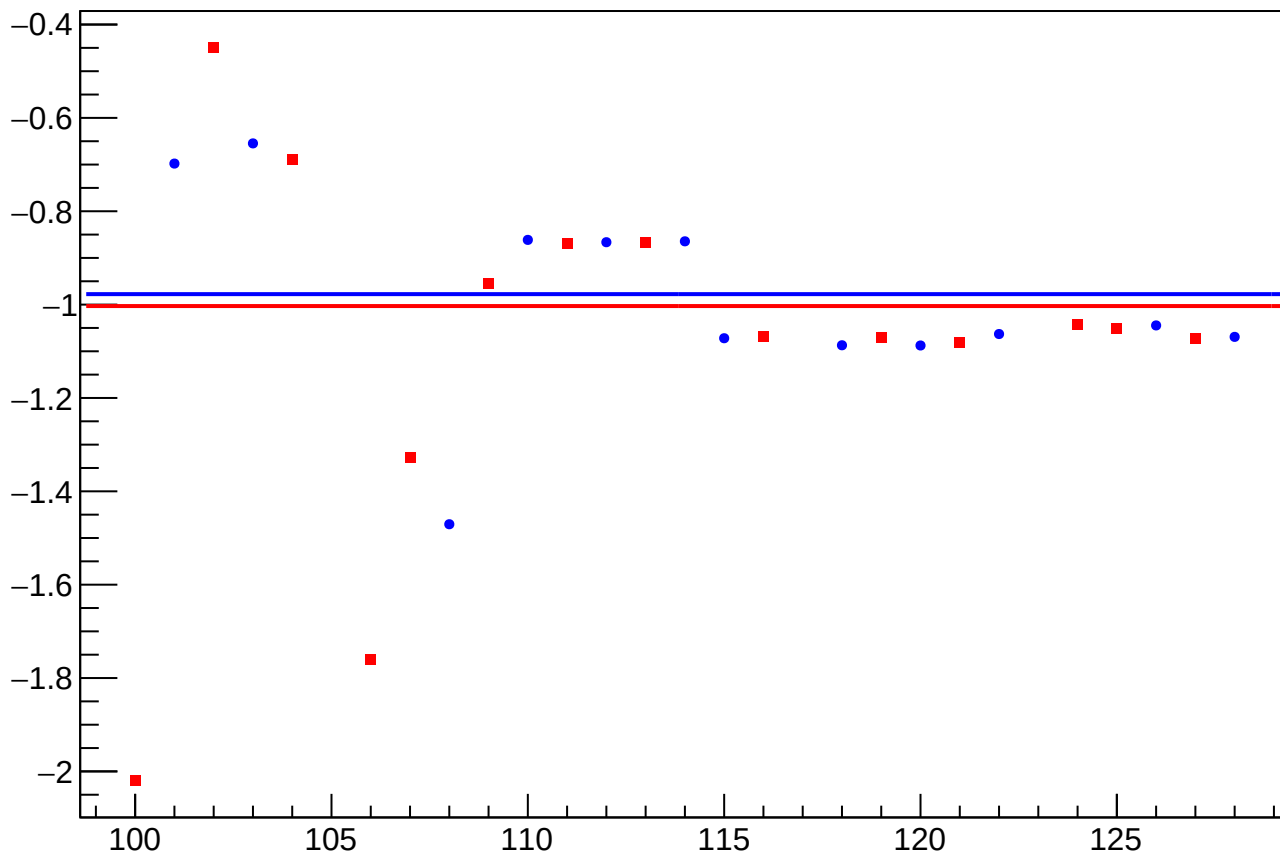
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 2065361.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm12X_mean vs Slug



Right In: -0.978+/-0.000 χ^2/NDF : 133454114.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.003+/-0.000 χ^2/NDF : 238352181.1/13

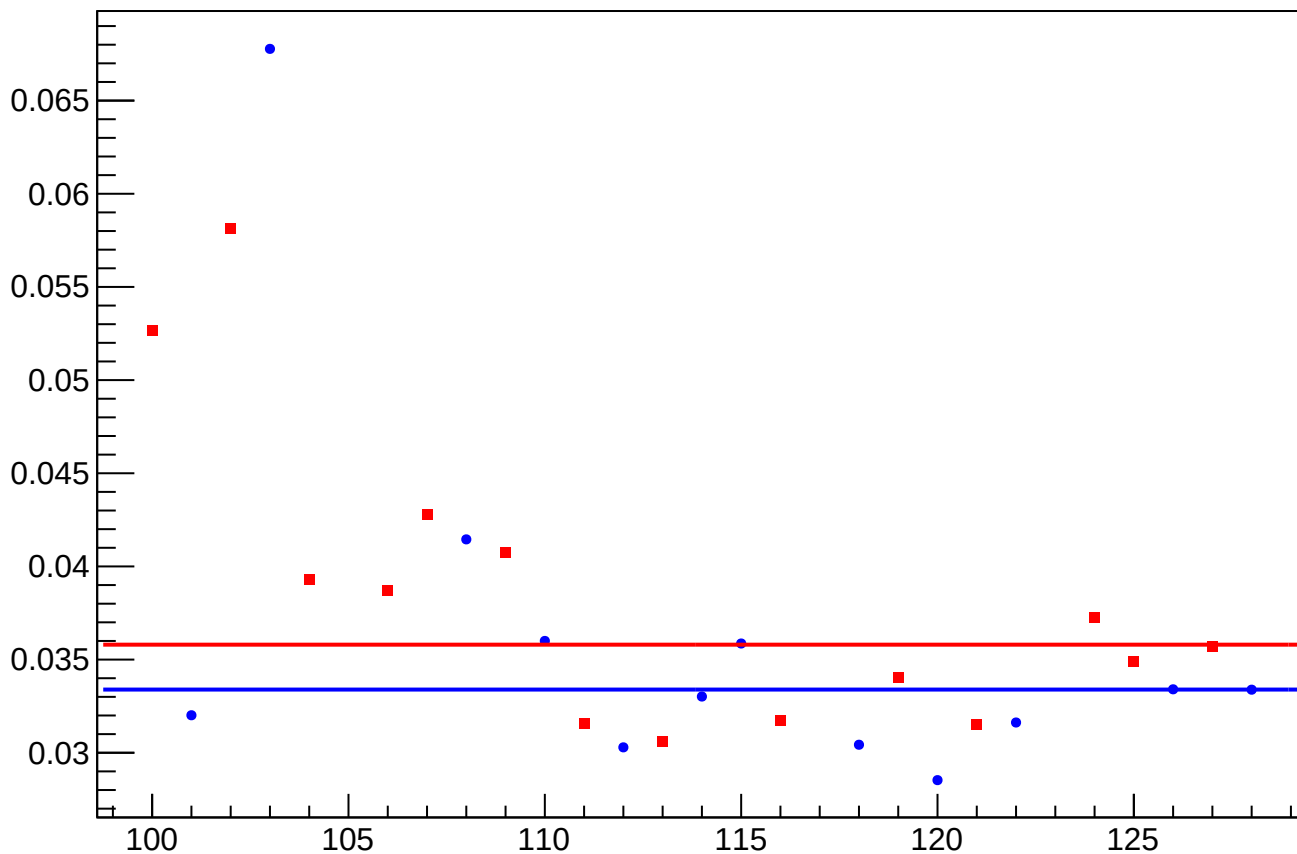
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.990+/-0.000 χ^2/NDF : 373025239.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm12X_rms vs Slug



Right In: 0.033+/-0.000 χ^2/NDF : 355878.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.036+/-0.000 χ^2/NDF : 274081.8/13

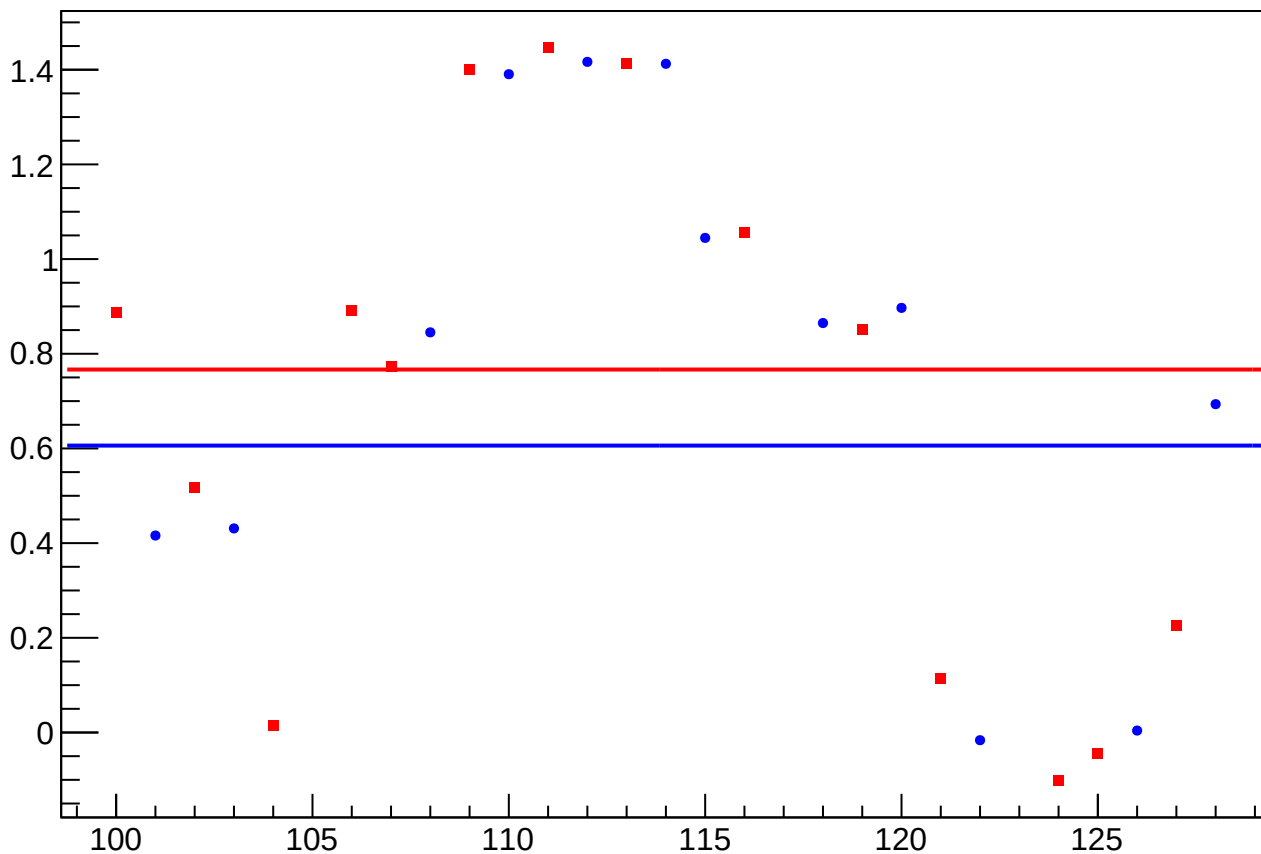
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.000 χ^2/NDF : 651660.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm12Y_mean vs Slug



Right In: 0.606+/-0.000 χ^2/NDF : 6292420520.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.767+/-0.000 χ^2/NDF : 13767570898.3/13

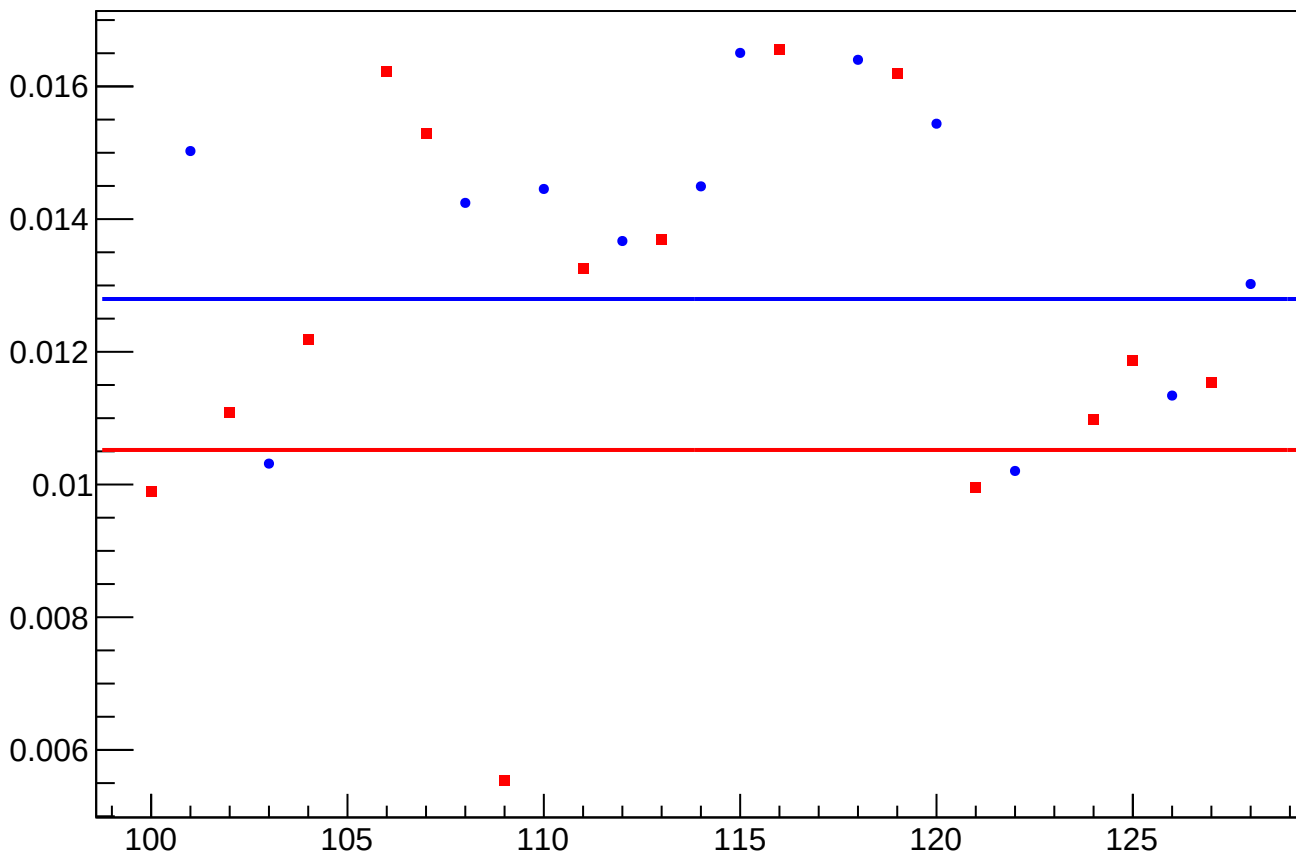
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.701+/-0.000 χ^2/NDF : 20477342584.5/2

- 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 : 258278.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 964529.4/13

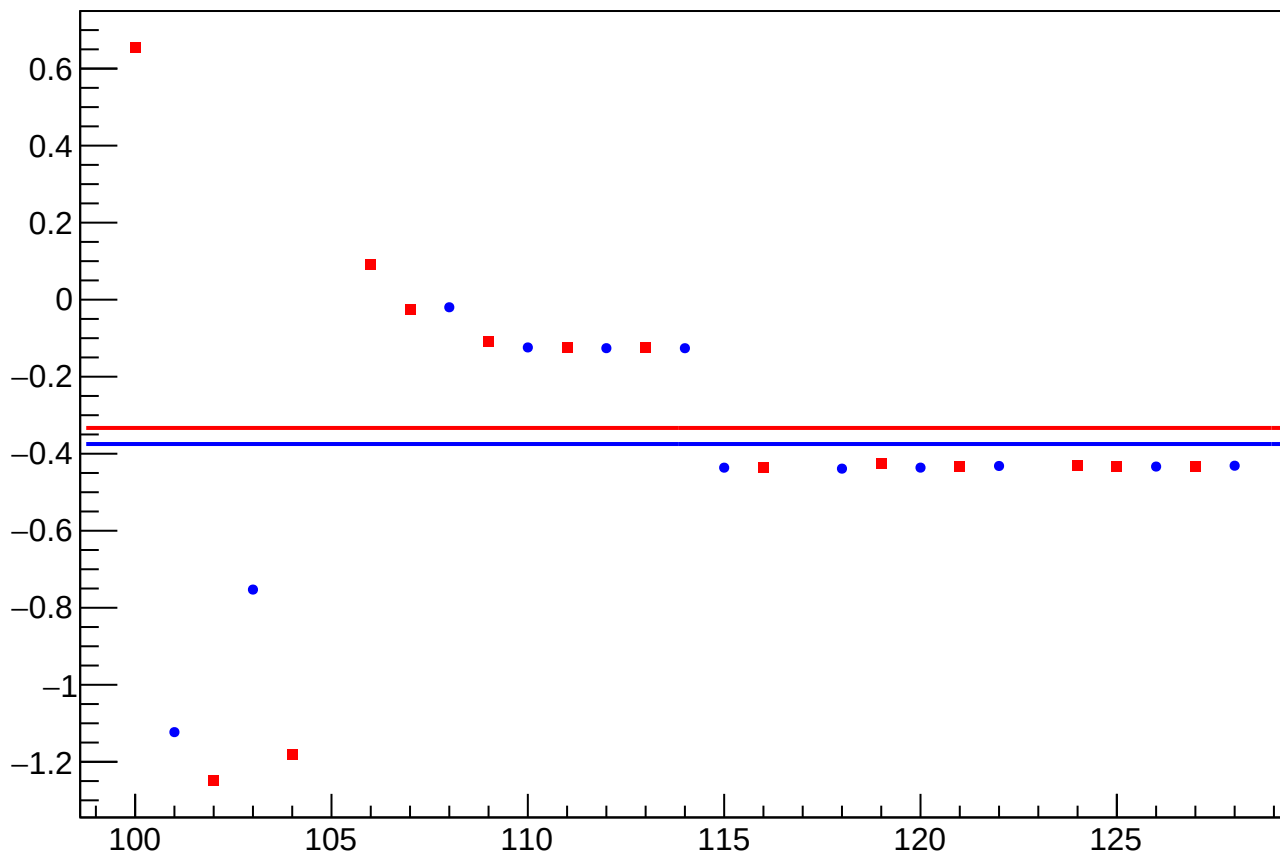
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 1390234.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm16X_mean vs Slug



Right In: -0.375+/-0.000 χ^2/NDF : 667659304.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.333+/-0.000 χ^2/NDF : 728064737.1/13

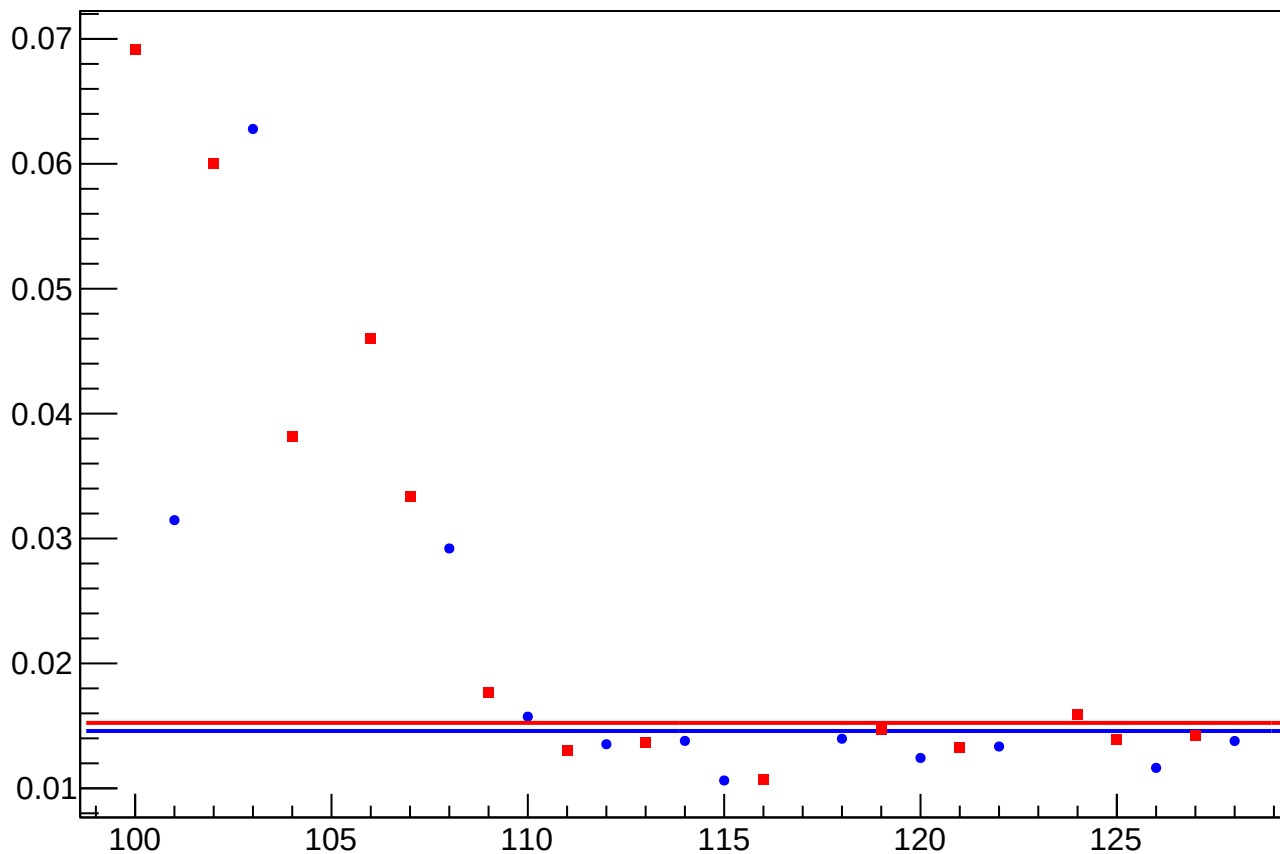
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.354+/-0.000 χ^2/NDF : 1409944395.1/2

- 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 : 1213319.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 1470771.1/13

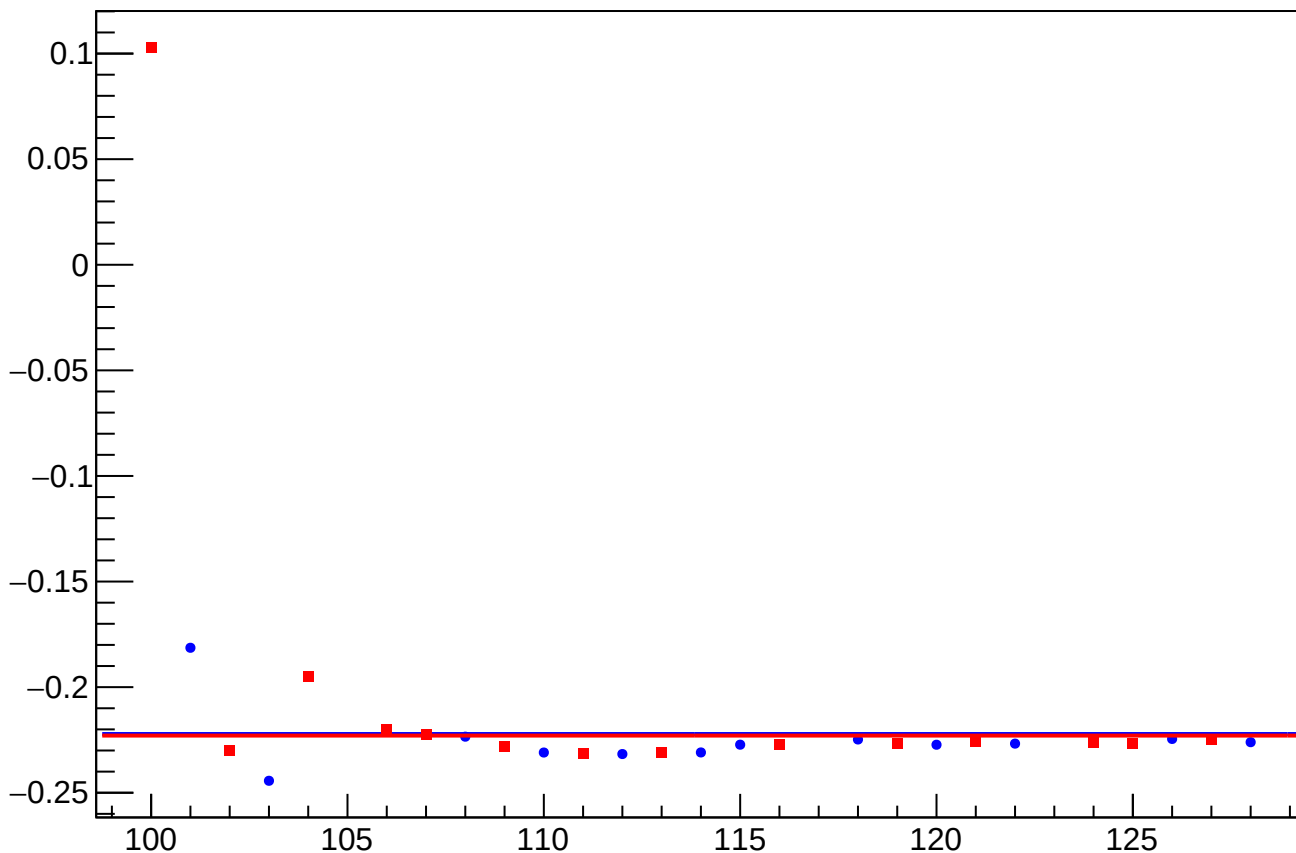
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 2690970.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm16Y_mean vs Slug



Right In: -0.222+/-0.000 χ^2/NDF : 51298353.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.223+/-0.000 χ^2/NDF : 157324819.8/13

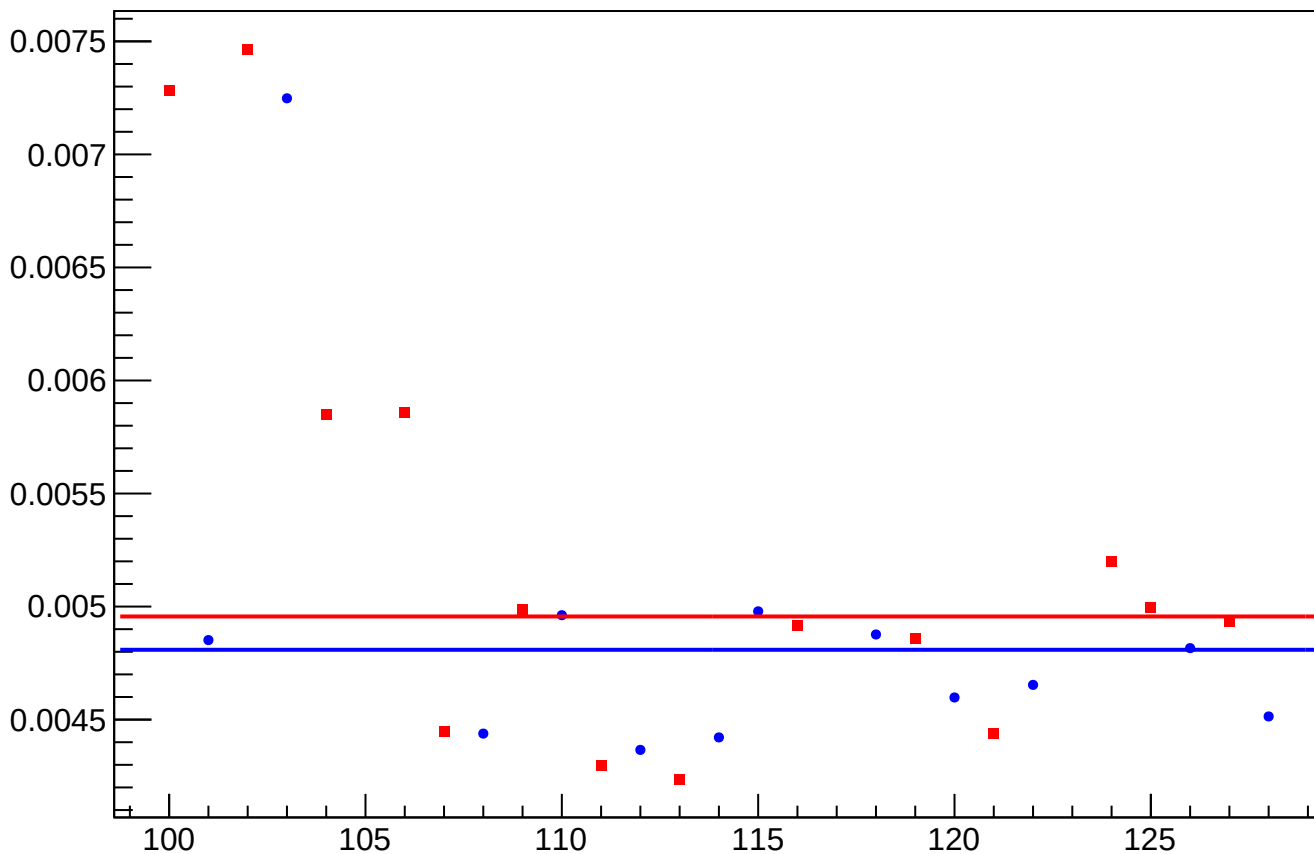
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.223+/-0.000 χ^2/NDF : 208674722.3/25

- 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 : 150094.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 246431.2/13

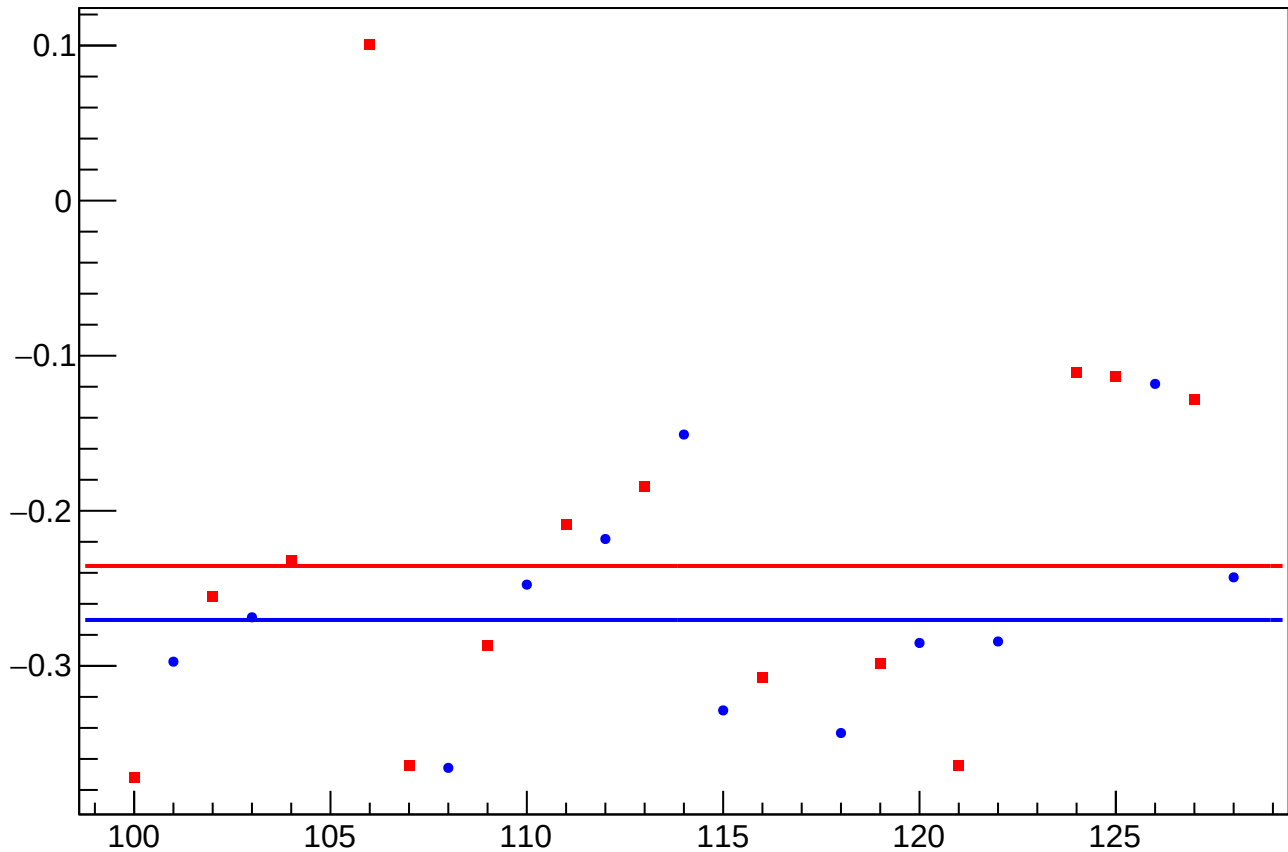
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 400782.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02X_mean vs Slug



Right In: -0.270+/-0.000 χ^2/NDF : 467334898.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.236+/-0.000 χ^2/NDF : 1074937455.6/13

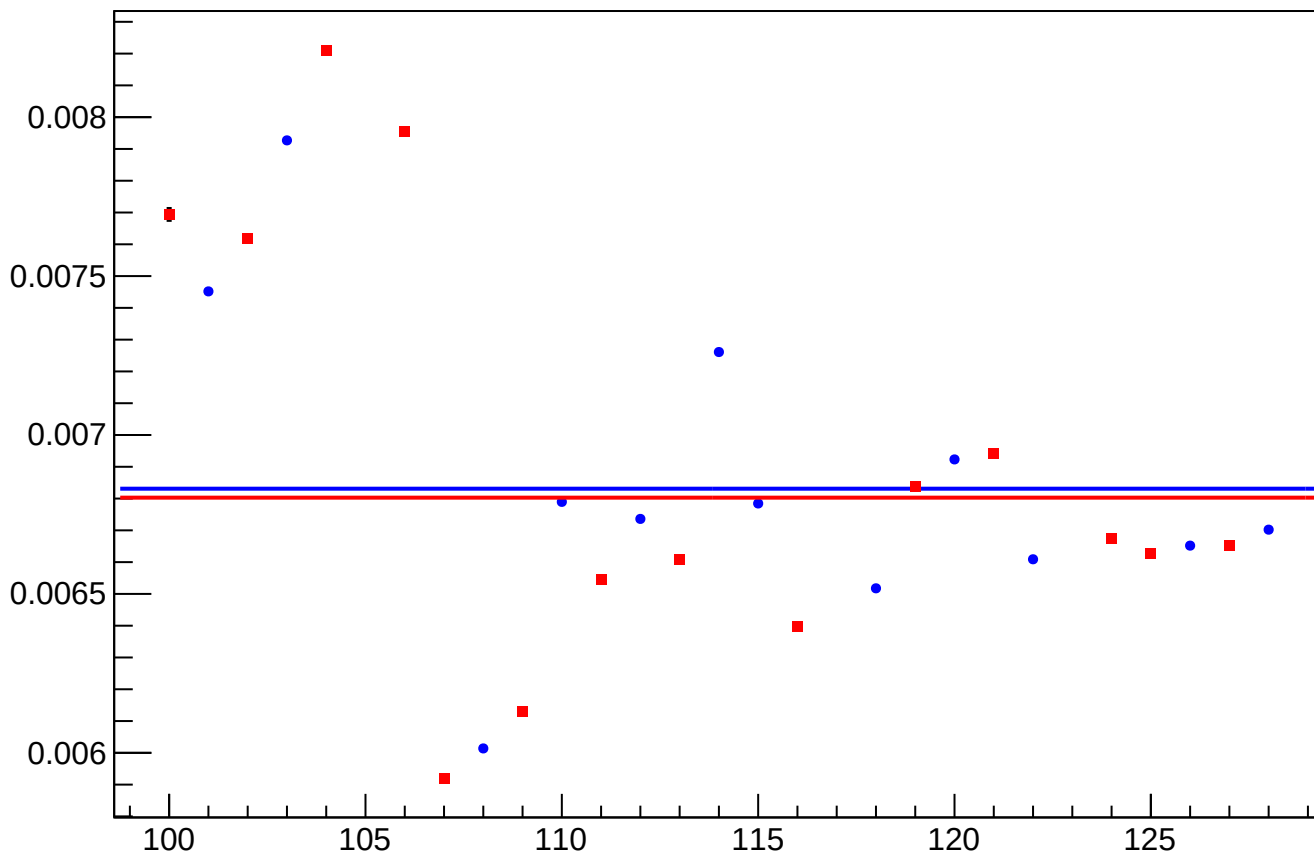
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.252+/-0.000 χ^2/NDF : 1608368912.5/2

- 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 : 51689.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 83614.2/13

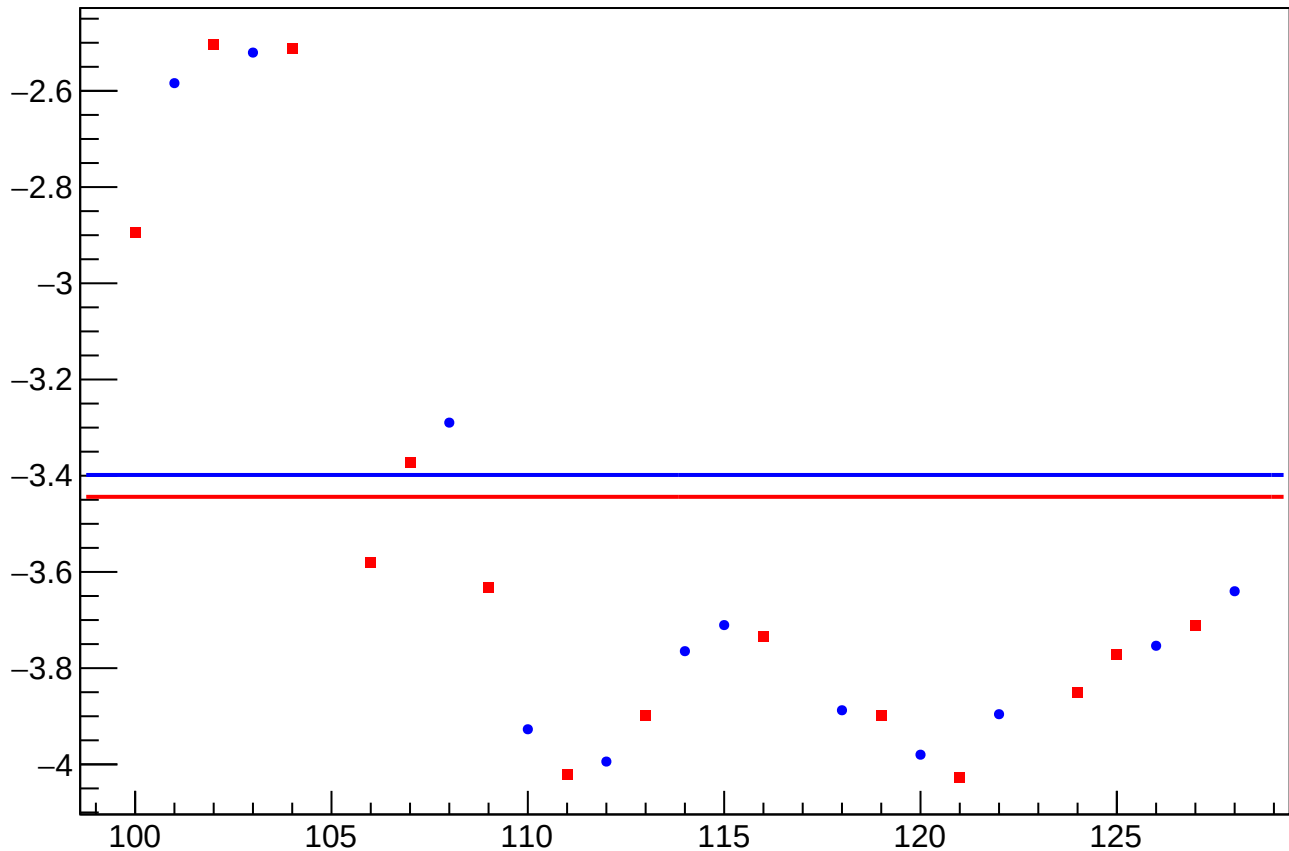
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 135390.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02Y_mean vs Slug



Right In: -3.398+/-0.000 χ^2/NDF : 27916298904.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.444+/-0.000 χ^2/NDF : 28048080367.0/13

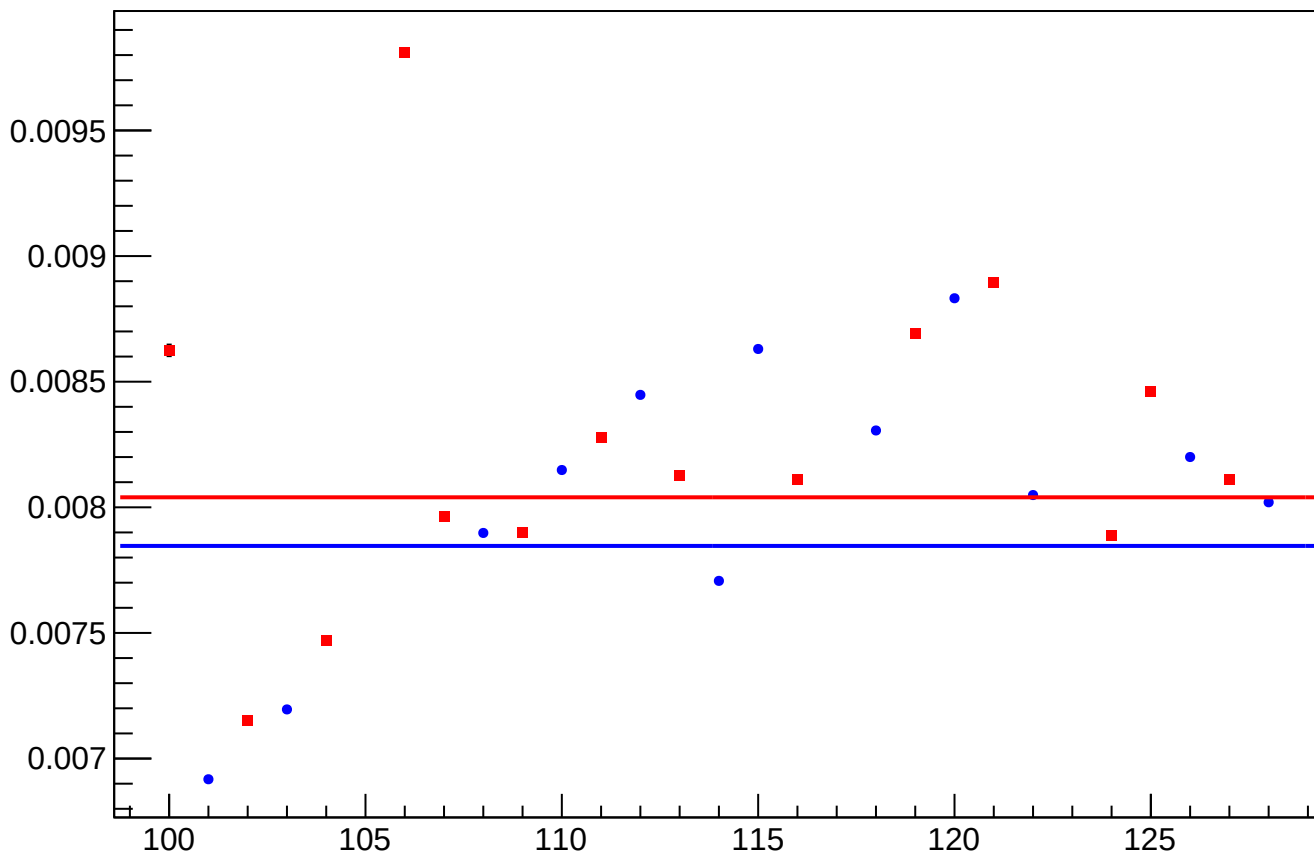
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.421+/-0.000 χ^2/NDF : 56046225476.1/24

- 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 : 54929.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 53666.8/13

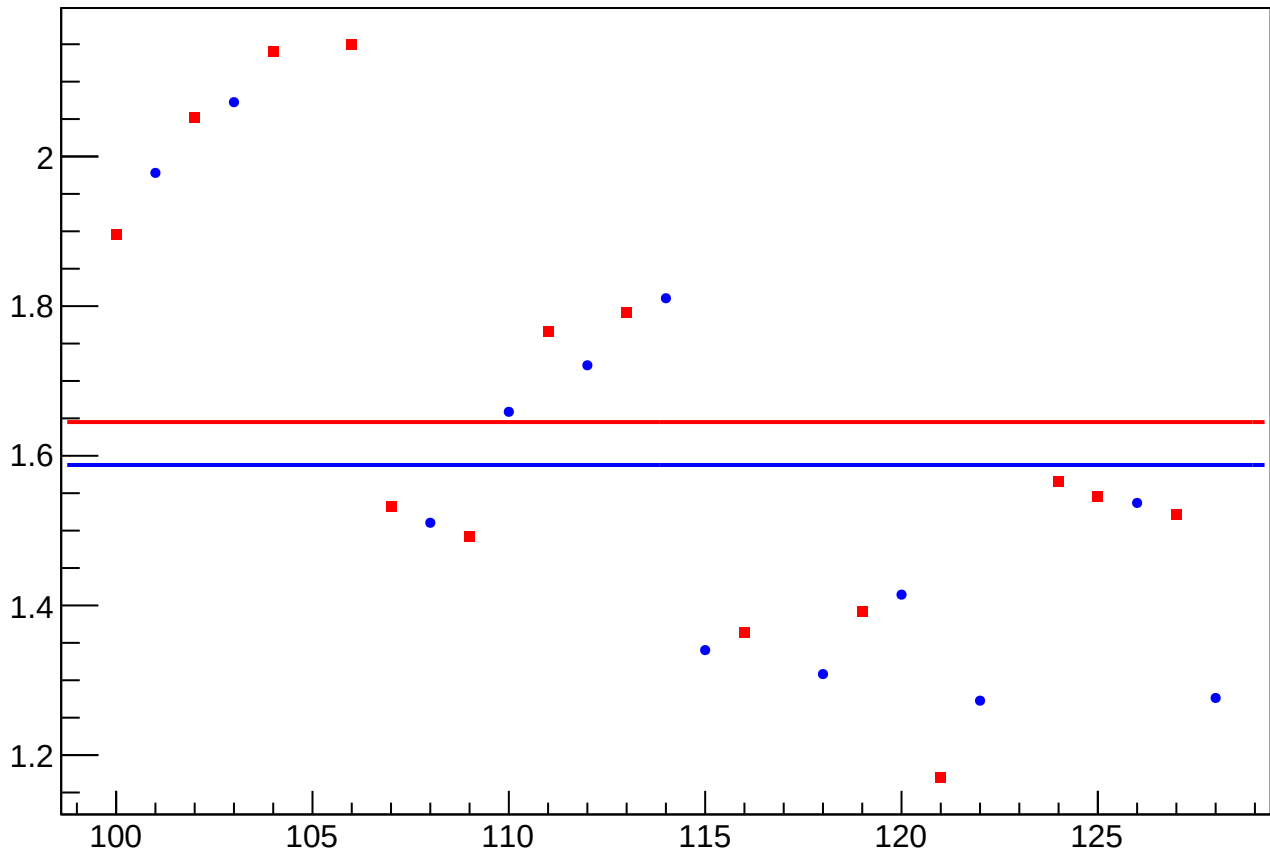
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 111562.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02aX_mean vs Slug



Right In: 1.588+/-0.000 χ^2/NDF : 2442563320.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.645+/-0.000 χ^2/NDF : 2926688634.0/13

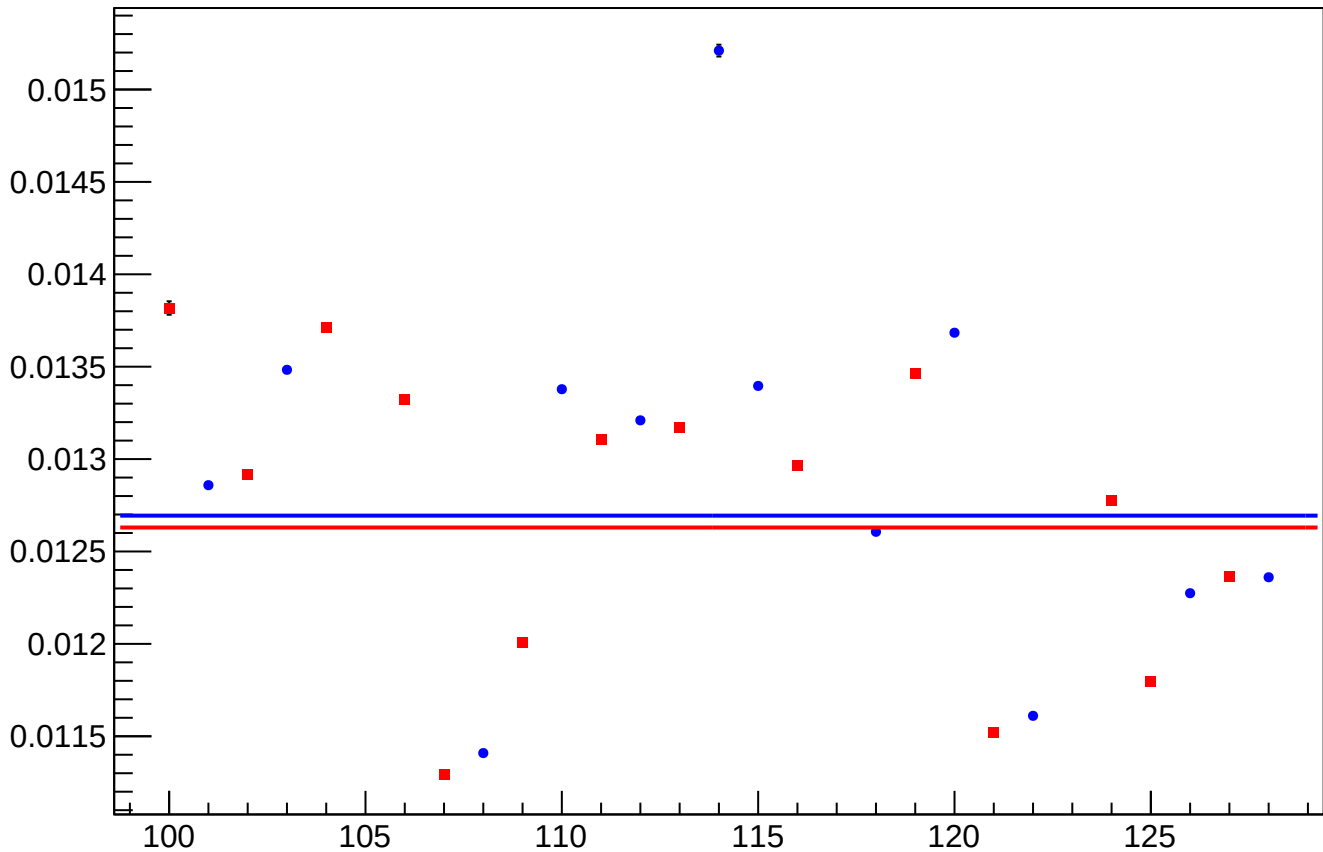
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.618+/-0.000 χ^2/NDF : 5420989162.8/25

- 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 : 36570.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 37908.4/13

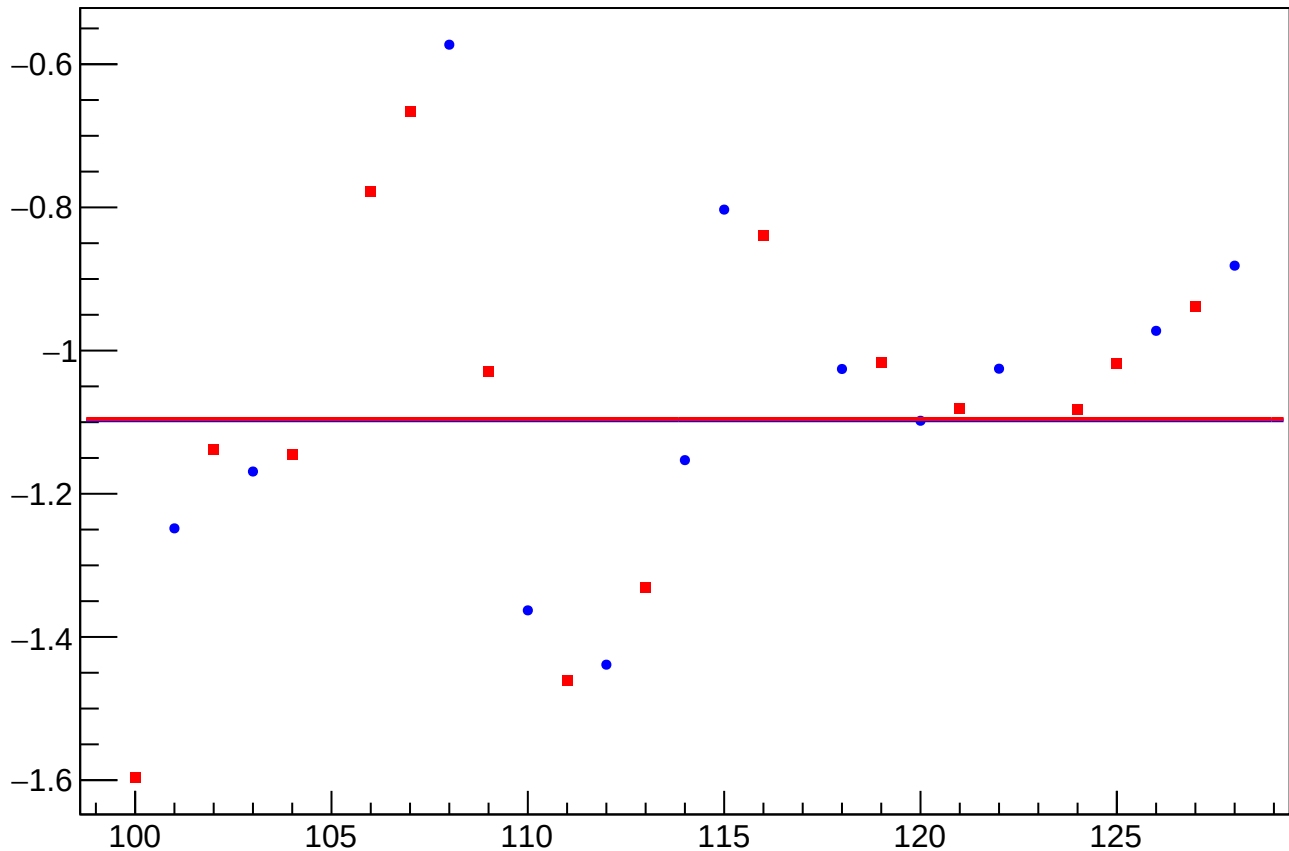
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 74608.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02aY_mean vs Slug



Right In: -1.097+/-0.000 χ^2/NDF : 2875235260.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.096+/-0.000 χ^2/NDF : 2090739520.6/13

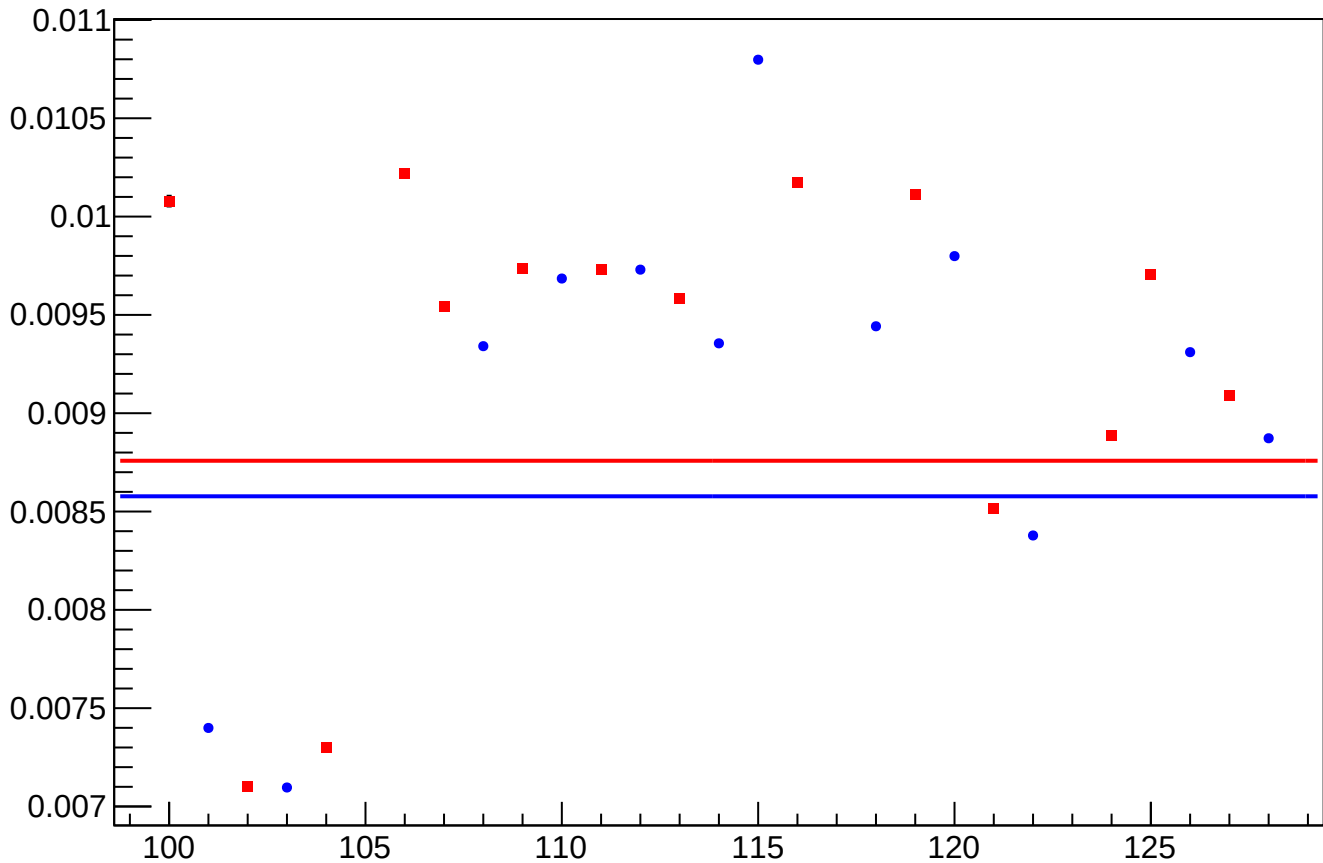
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.096+/-0.000 χ^2/NDF : 4966073686.8/2

- 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 : 148013.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 182087.3/13

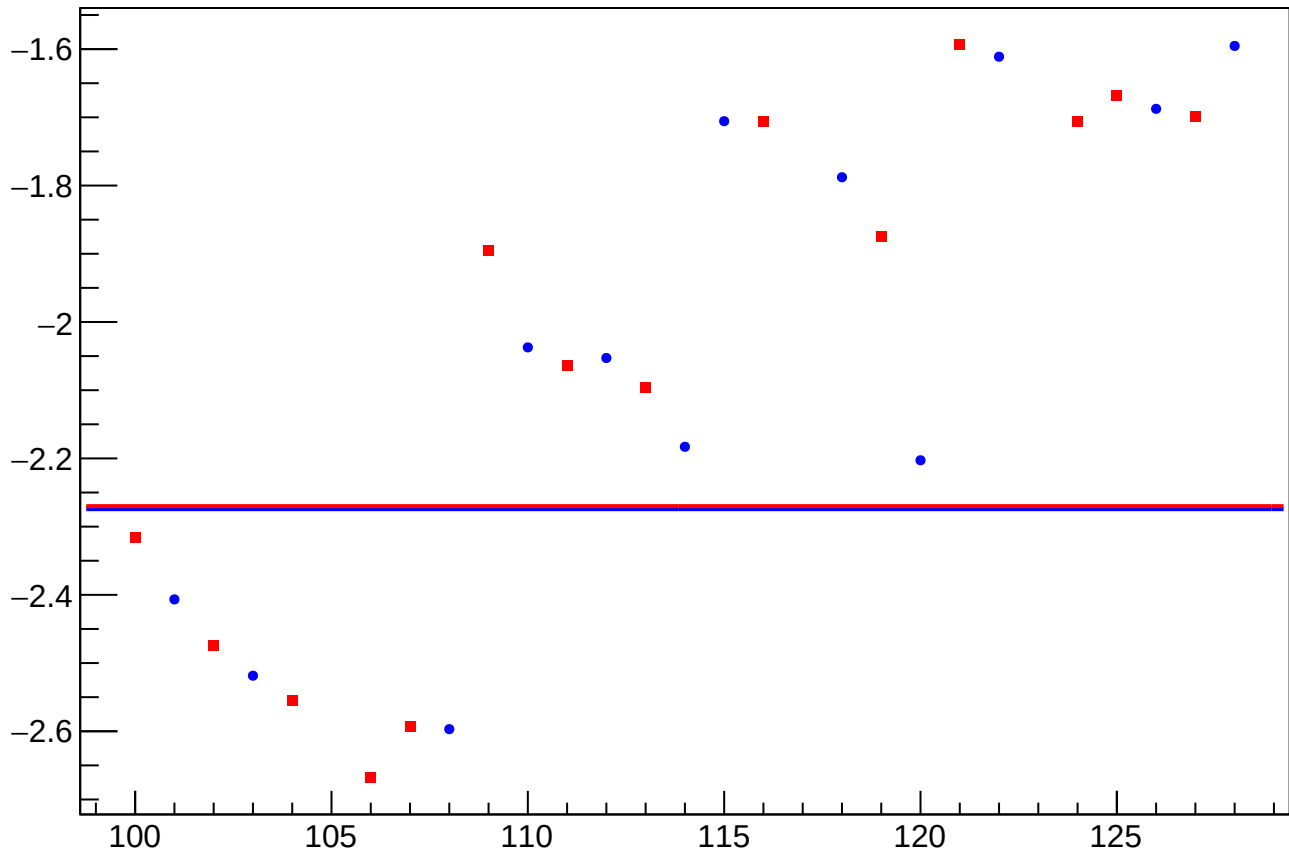
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 332216.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i05X_mean vs Slug



Right In: -2.274+/-0.000 χ^2 /NDF: 8953624589.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.270+/-0.000 χ^2 /NDF: 9886645355.1/13

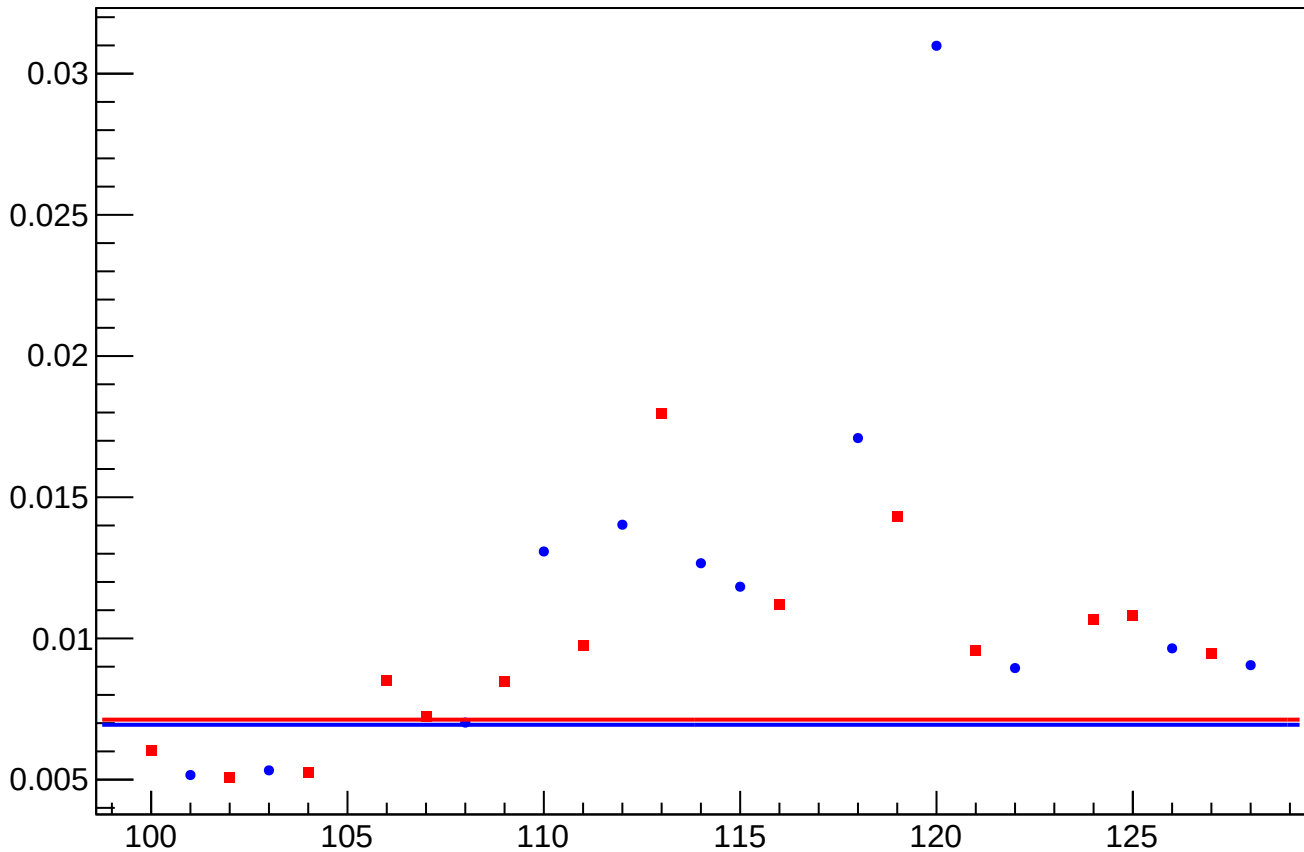
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2.272+/-0.000 χ^2 /NDF: 18841022790.5/13

- 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 : 1306402.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 1070478.1/13

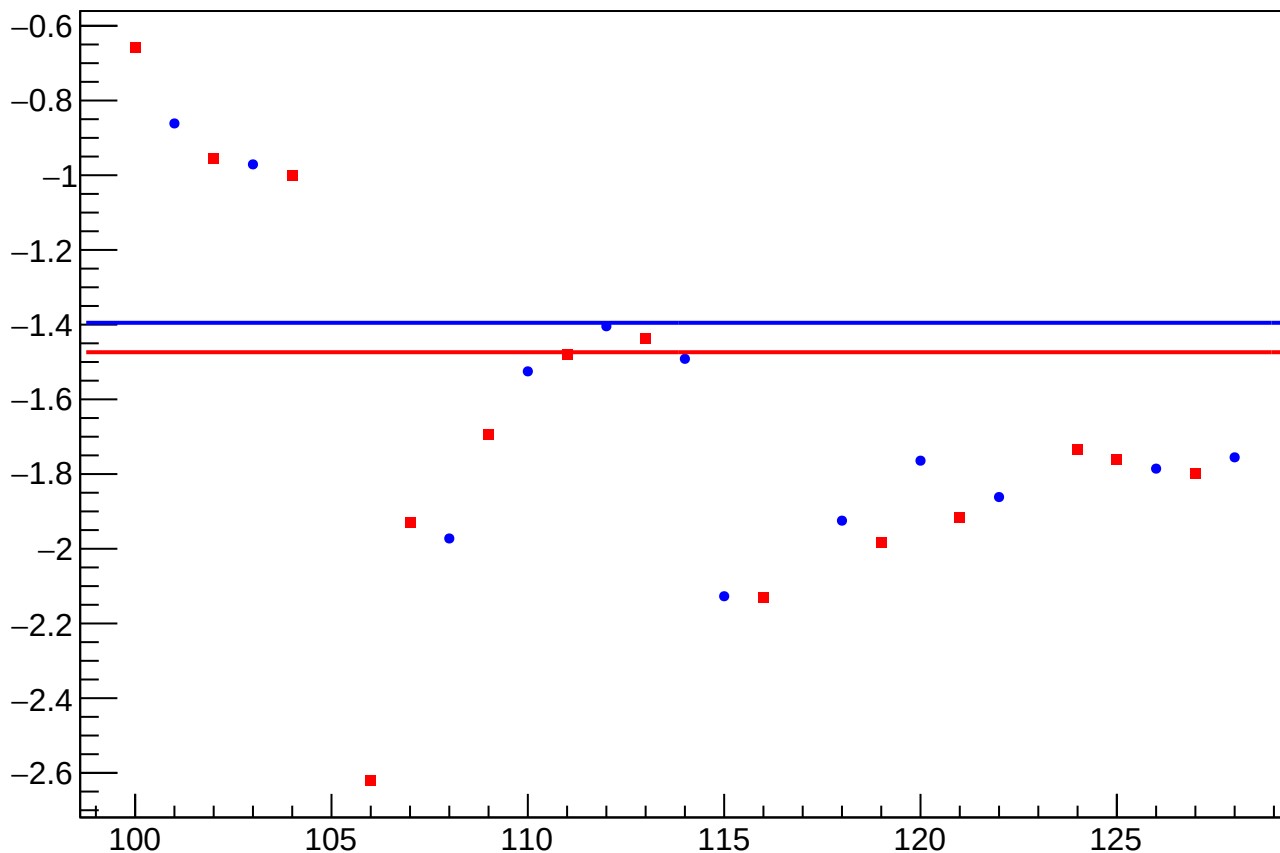
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 2379347.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i05Y_mean vs Slug



Right In: -1.395+/-0.000 χ^2/NDF : 19556577354.0/11

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

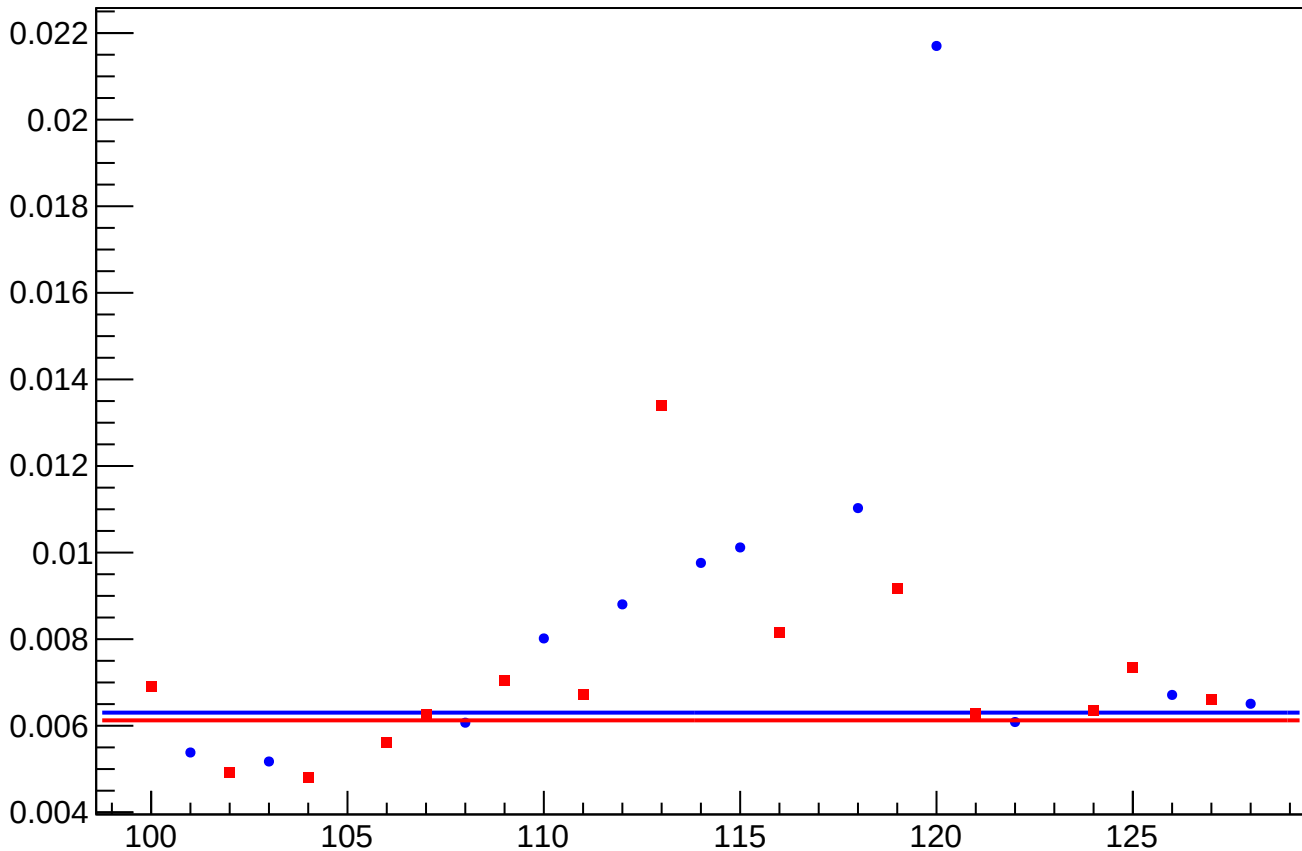
Right Out: -1.474+/-0.000 χ^2/NDF : 25772339766.1/13

All: -1.438+/-0.000 χ^2/NDF : 45653510823.8/24

- 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 : 592398.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 454401.1/13

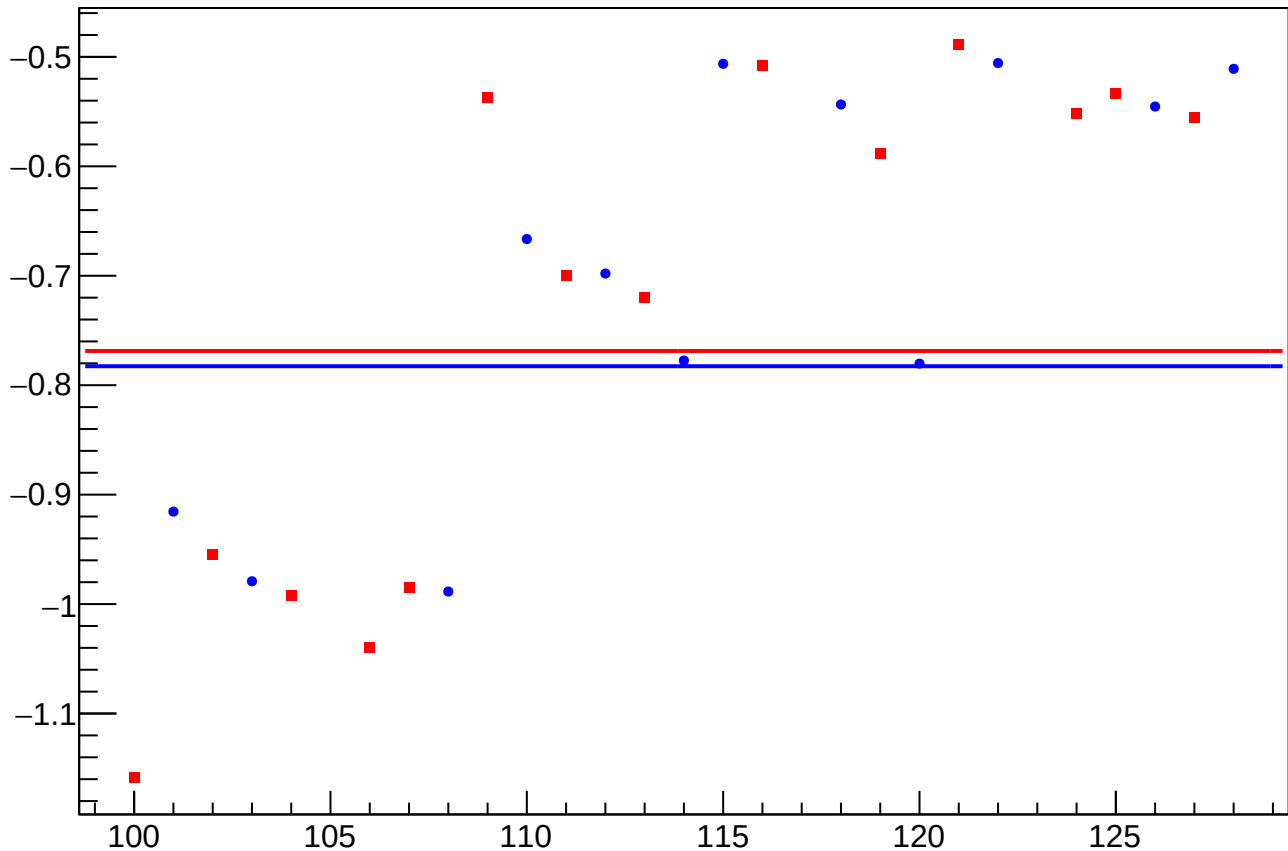
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1050133.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i07X_mean vs Slug



Right In: -0.783+/-0.000 χ^2/NDF : 6014737832.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.769+/-0.000 χ^2/NDF : 7408594871.7/13

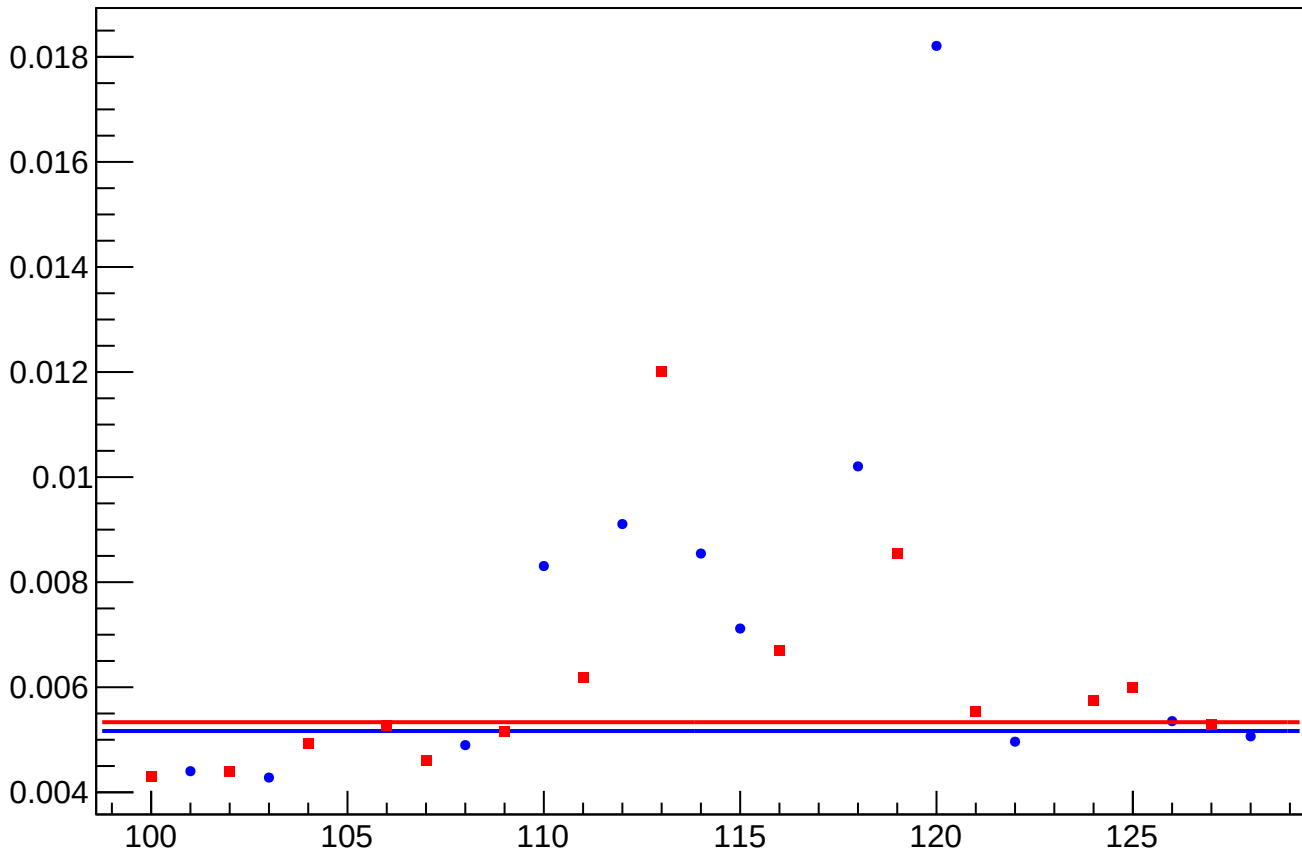
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.775+/-0.000 χ^2/NDF : 13437522475.5

- 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 : 783585.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 415856.8/13

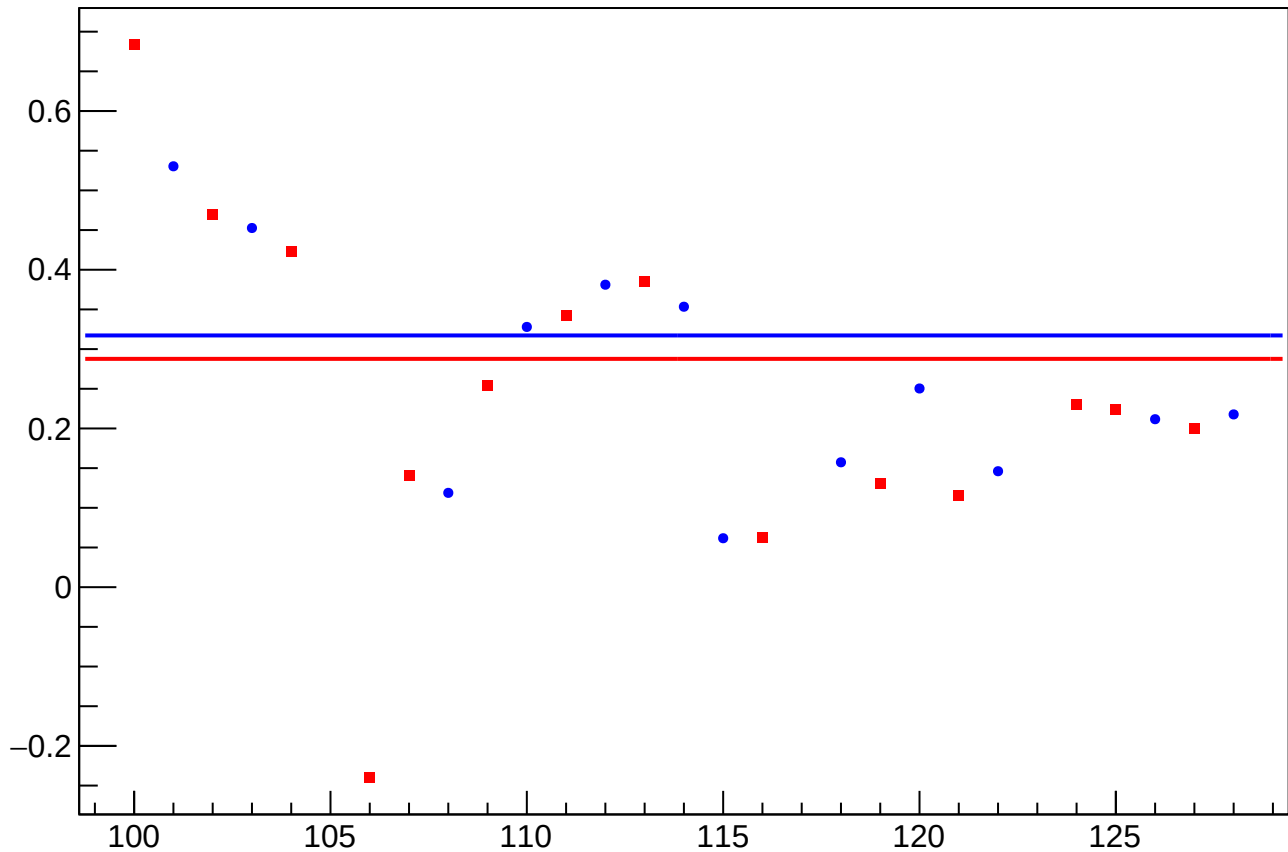
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1203521.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i07Y_mean vs Slug



Right In: 0.317+/-0.000 χ^2/NDF : 5759353341.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.288+/-0.000 χ^2/NDF : 7505542661.1/13

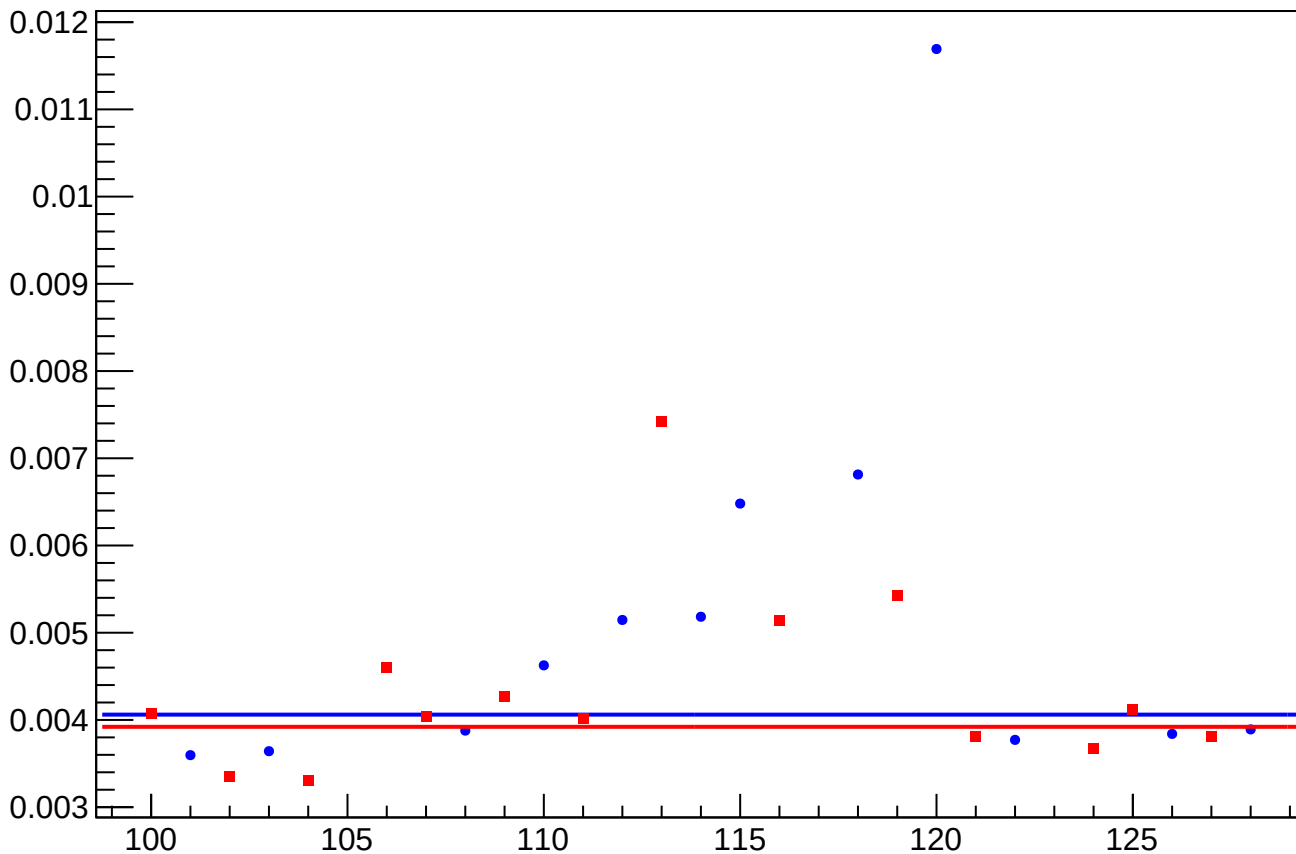
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.301+/-0.000 χ^2/NDF : 13380385291.6/2

- 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 : 466784.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 293053.3/13

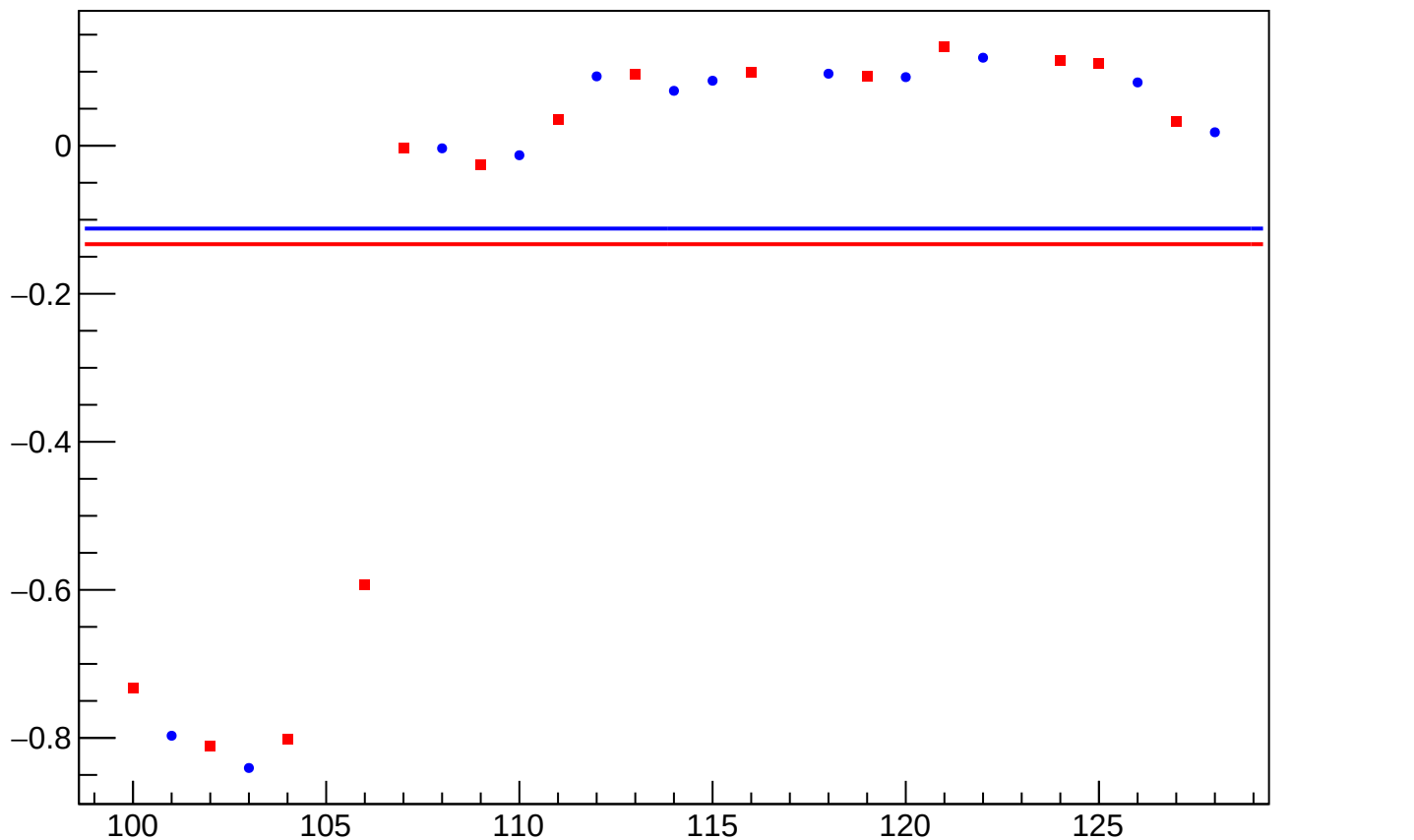
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 765022.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i02X_mean vs Slug



Right In: -0.112+/-0.000 χ^2 /NDF: 5417429263.8/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.133+/-0.000 χ^2 /NDF: 6078263362.6/13

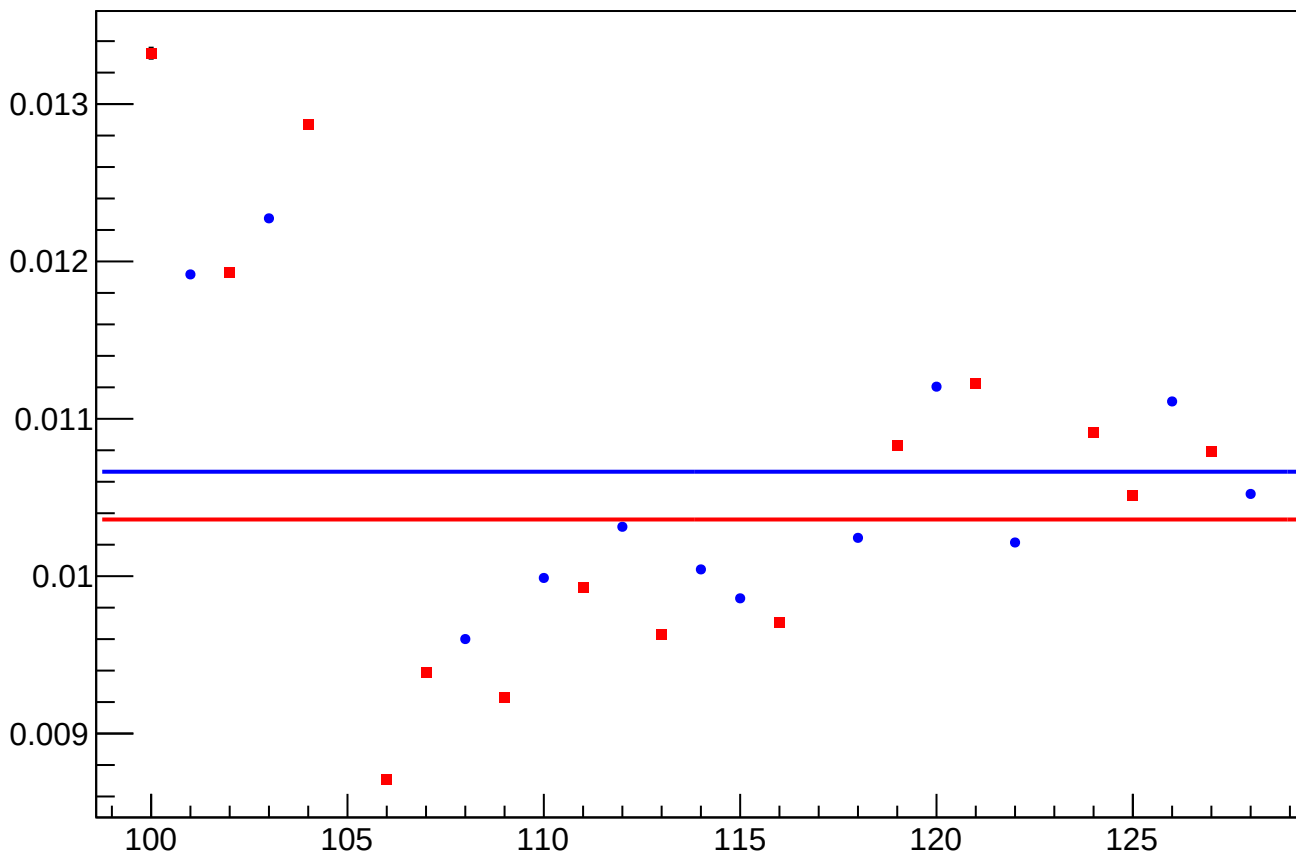
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.123+/-0.000 χ^2 /NDF: 11506093953.0/14

- 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 : 58650.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 132709.0/13

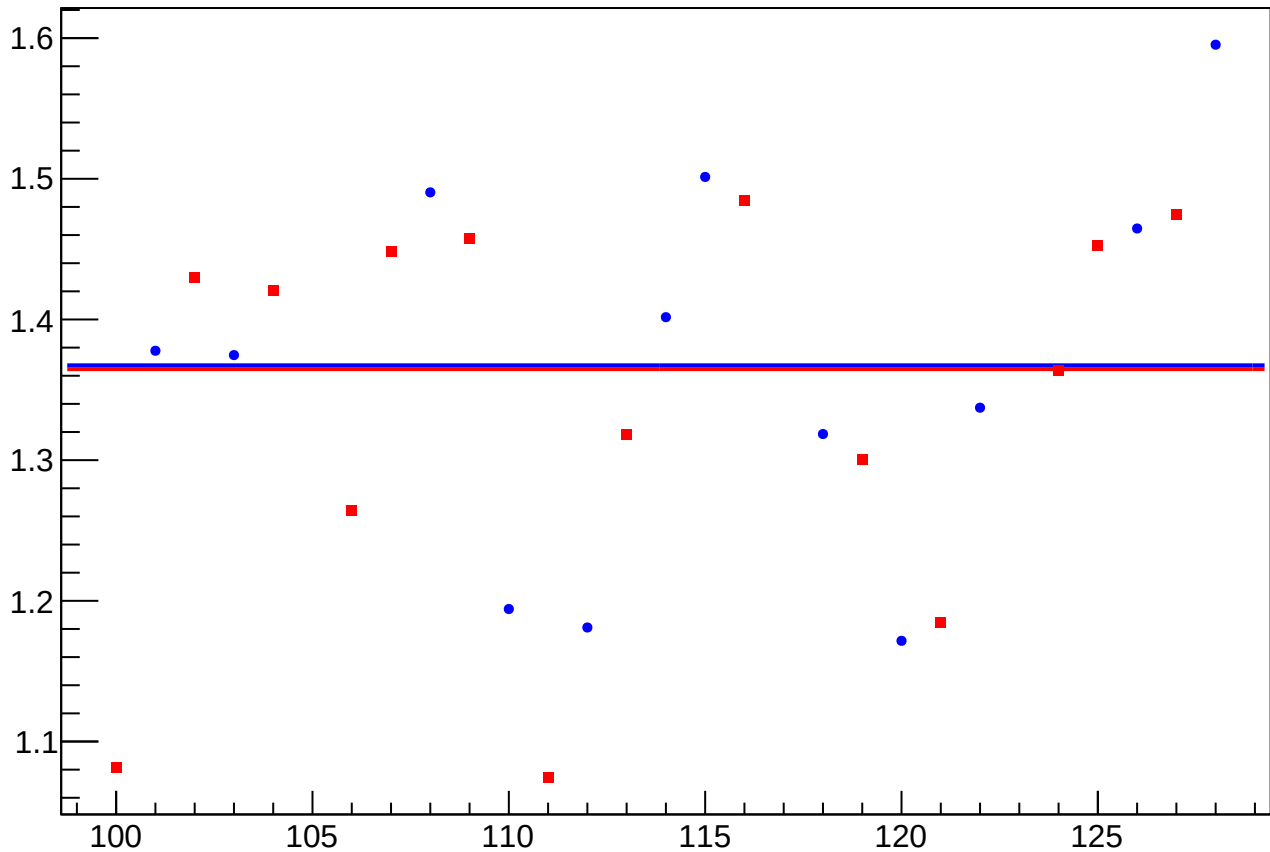
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 195668.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i02Y_mean vs Slug



Right In: 1.367 $\pm$ 0.000 χ^2 /NDF: 1361666756.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.365 $\pm$ 0.000 χ^2 /NDF: 1468486676.8/13

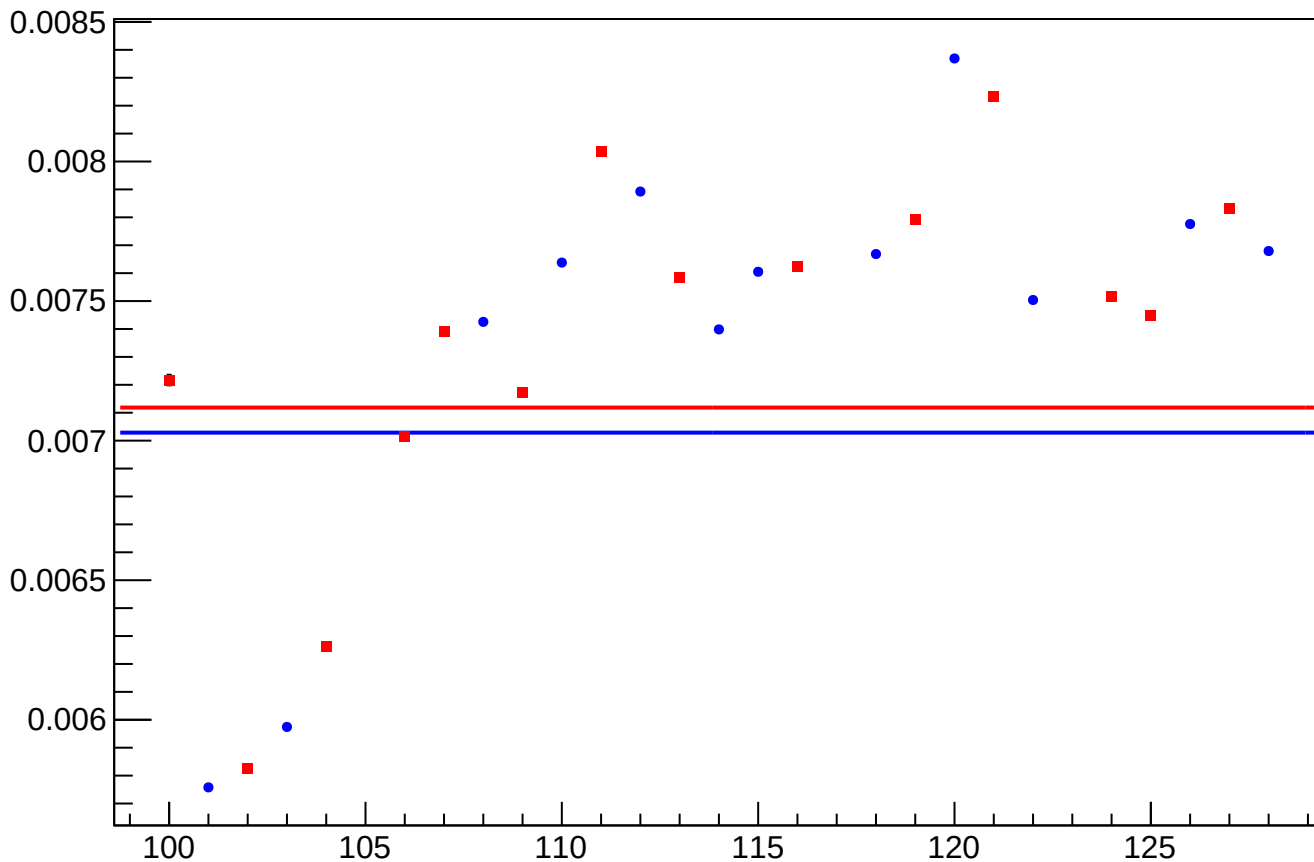
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.366 $\pm$ 0.000 χ^2 /NDF: 2830523711.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i02Y_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 164712.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 135488.4/13

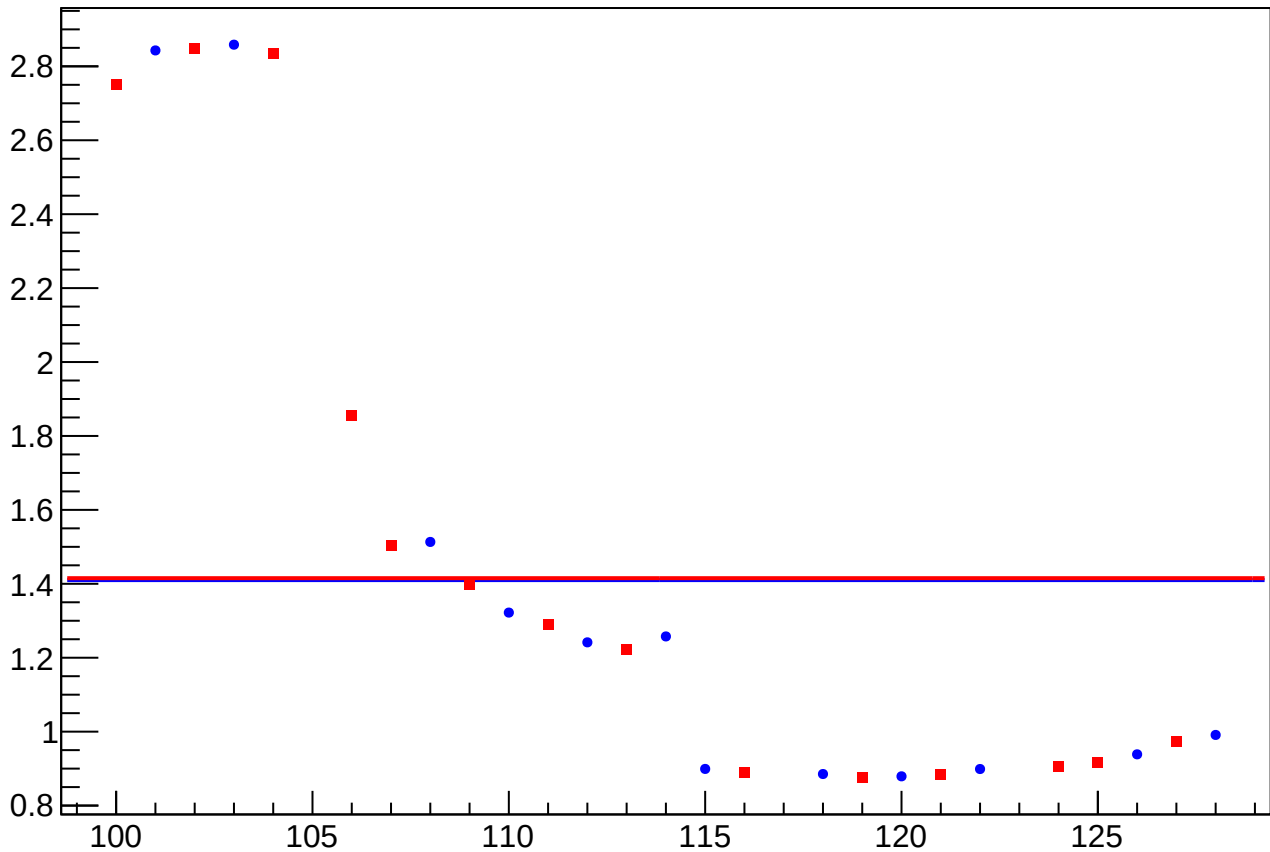
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 301031.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04X_mean vs Slug



Right In: 1.410+/-0.000 χ^2/NDF : 53231327469.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.415+/-0.000 χ^2/NDF : 50582277120.2/13

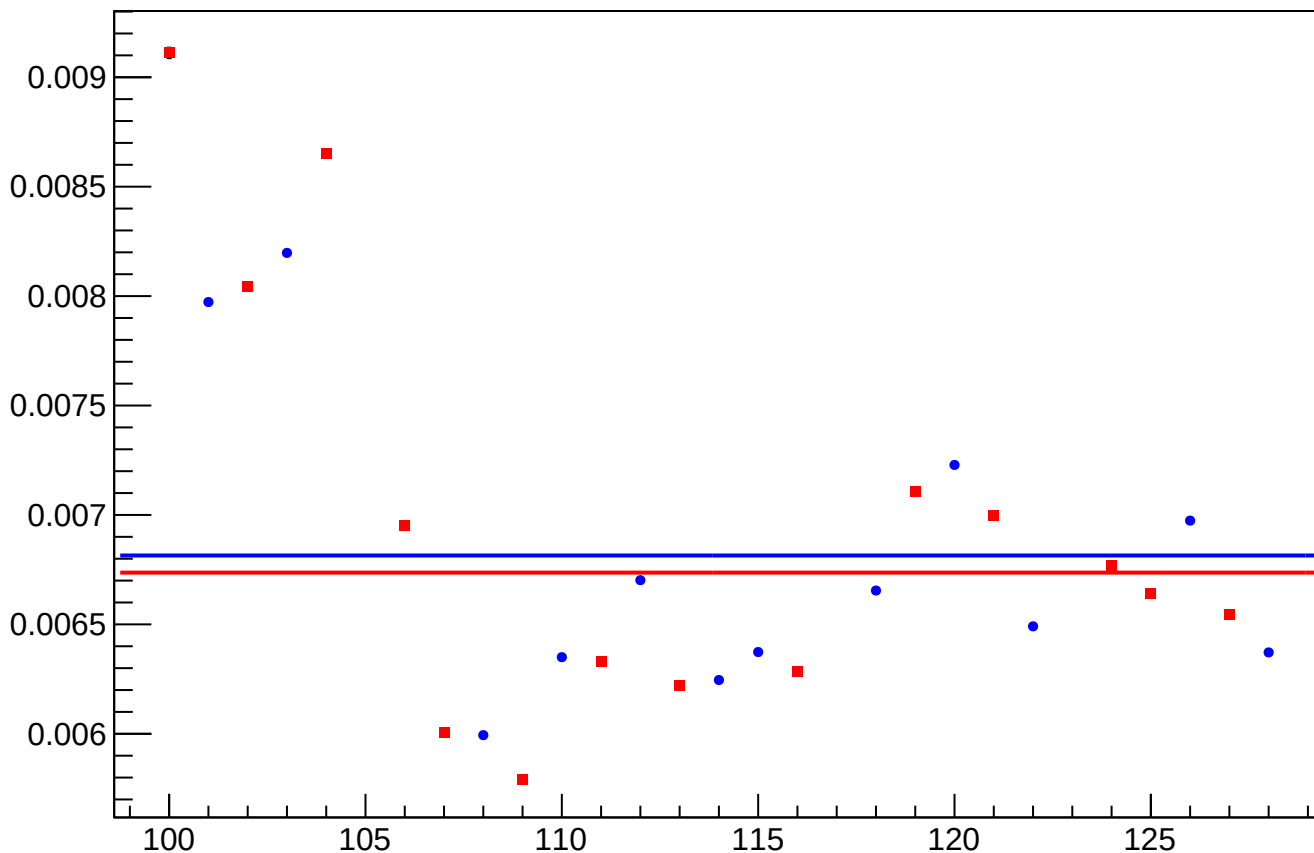
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.413+/-0.000 χ^2/NDF : 103815106483.0

- 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 : 94459.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 149256.9/13

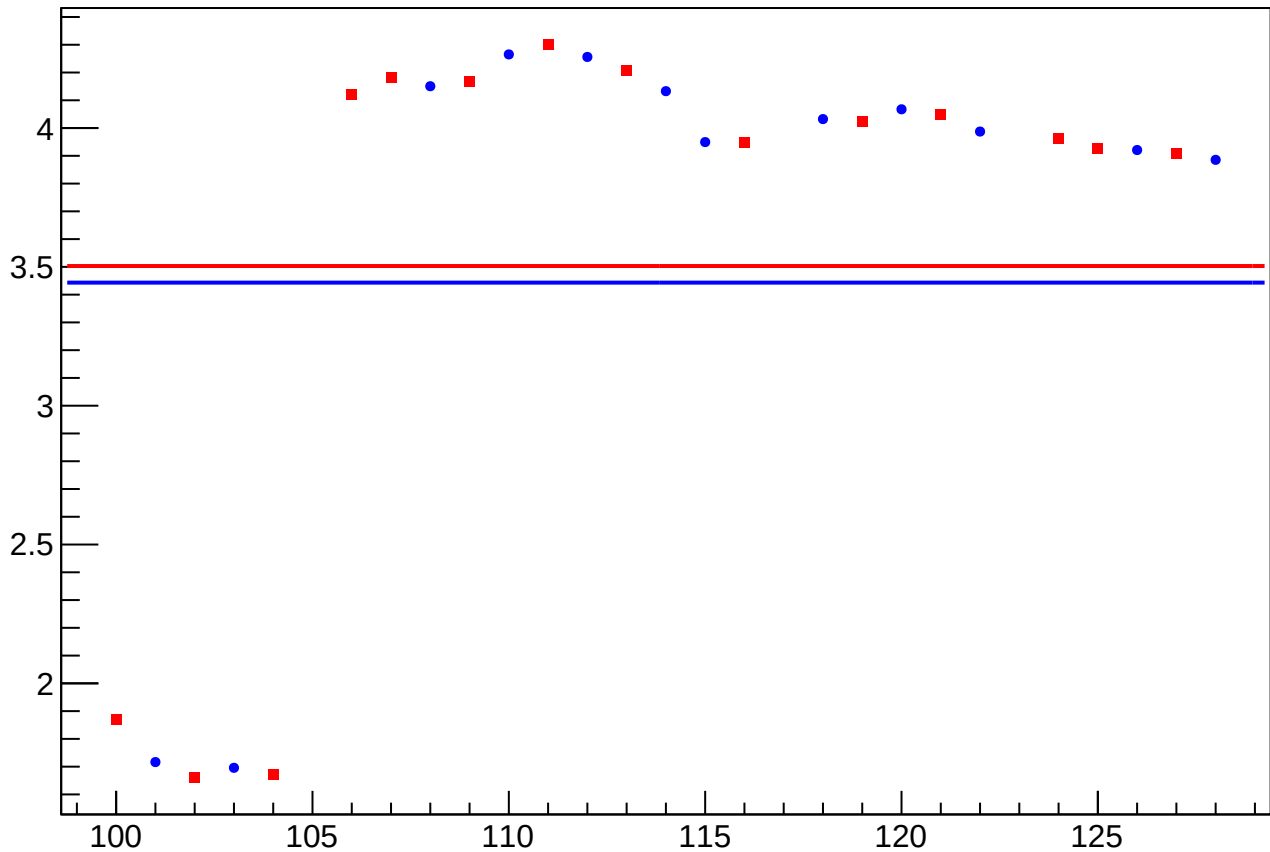
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 244403.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04Y_mean vs Slug



Right In: 3.443+/-0.000 χ^2/NDF : 187617013684.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.503+/-0.000 χ^2/NDF : 199428270057.5/13

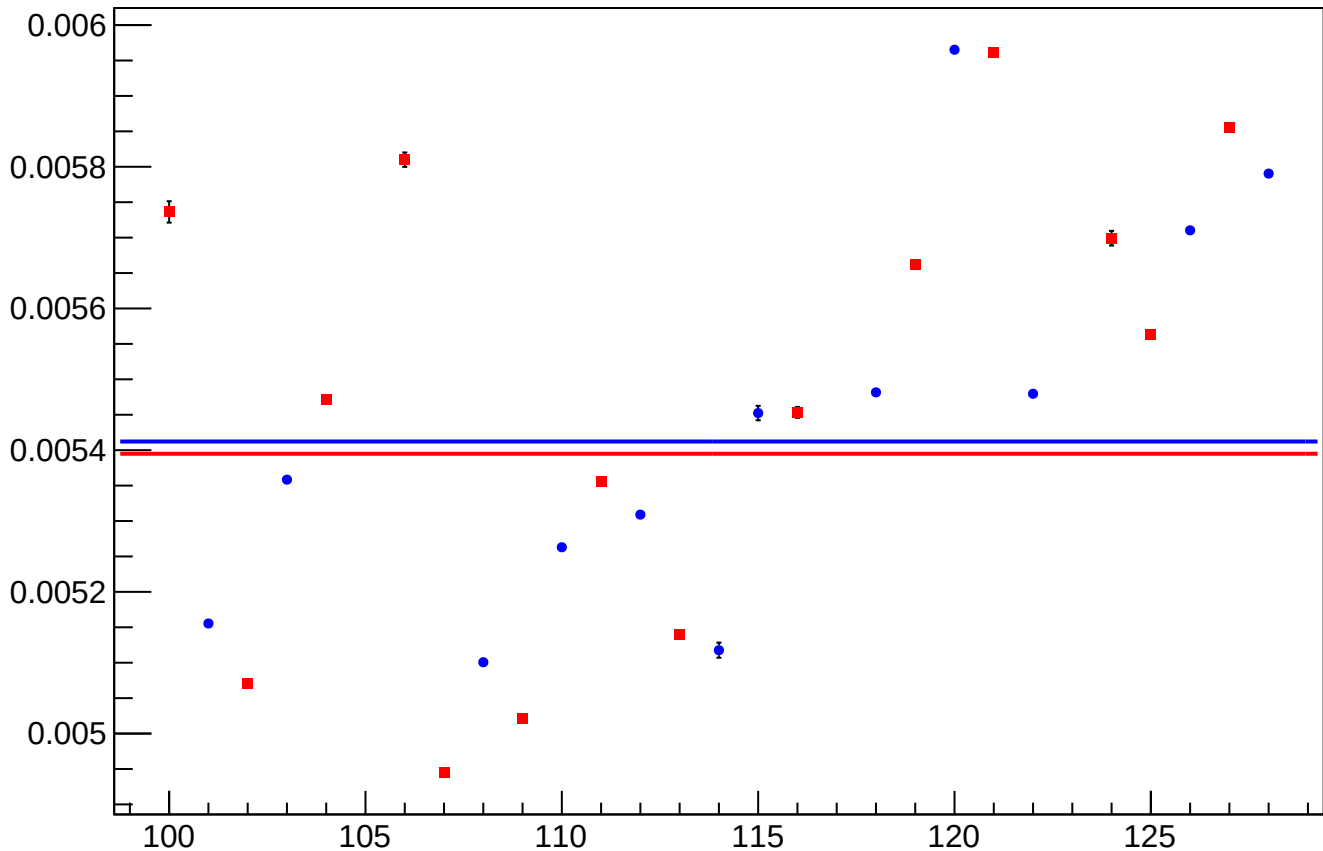
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.474+/-0.000 χ^2/NDF : 387359591210.3

- 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 : 20924.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 37815.3/13

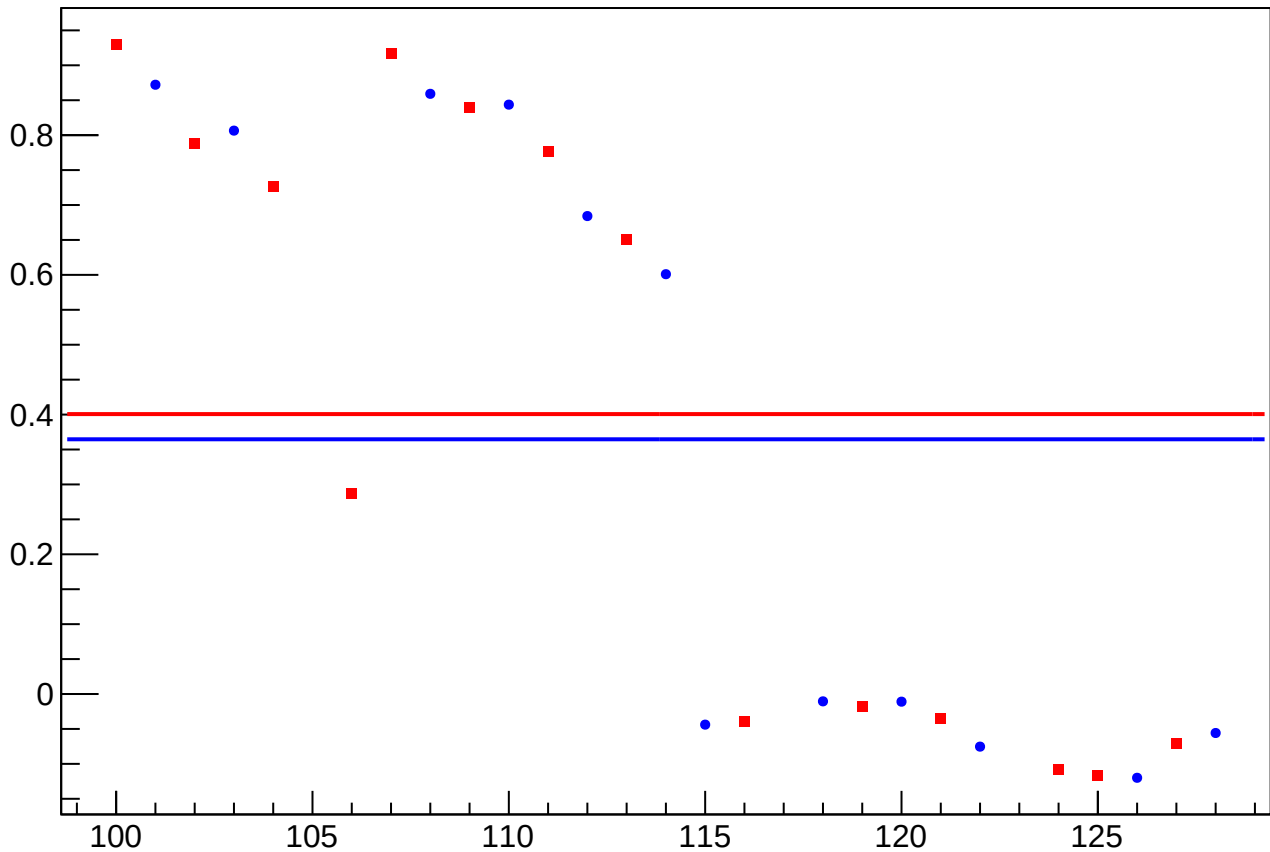
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 58792.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i06X_mean vs Slug



Right In: 0.365+/-0.000 χ^2/NDF : 4678167722.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.401+/-0.000 χ^2/NDF : 4588818384.4/13

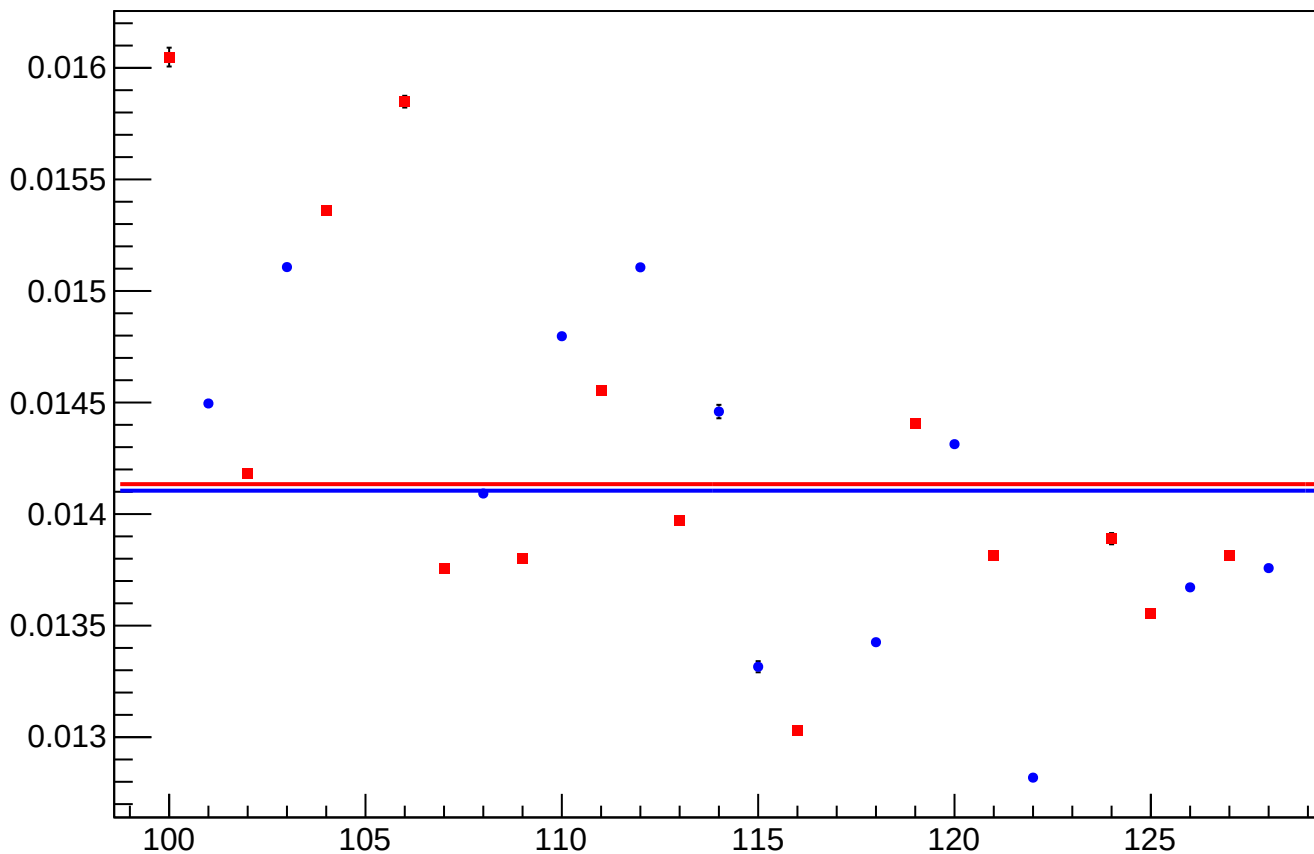
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.383+/-0.000 χ^2/NDF : 9283734939.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i06X_rms vs Slug



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 25804.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.014 $\pm$ 0.000 χ^2 /NDF: 21162.9/13

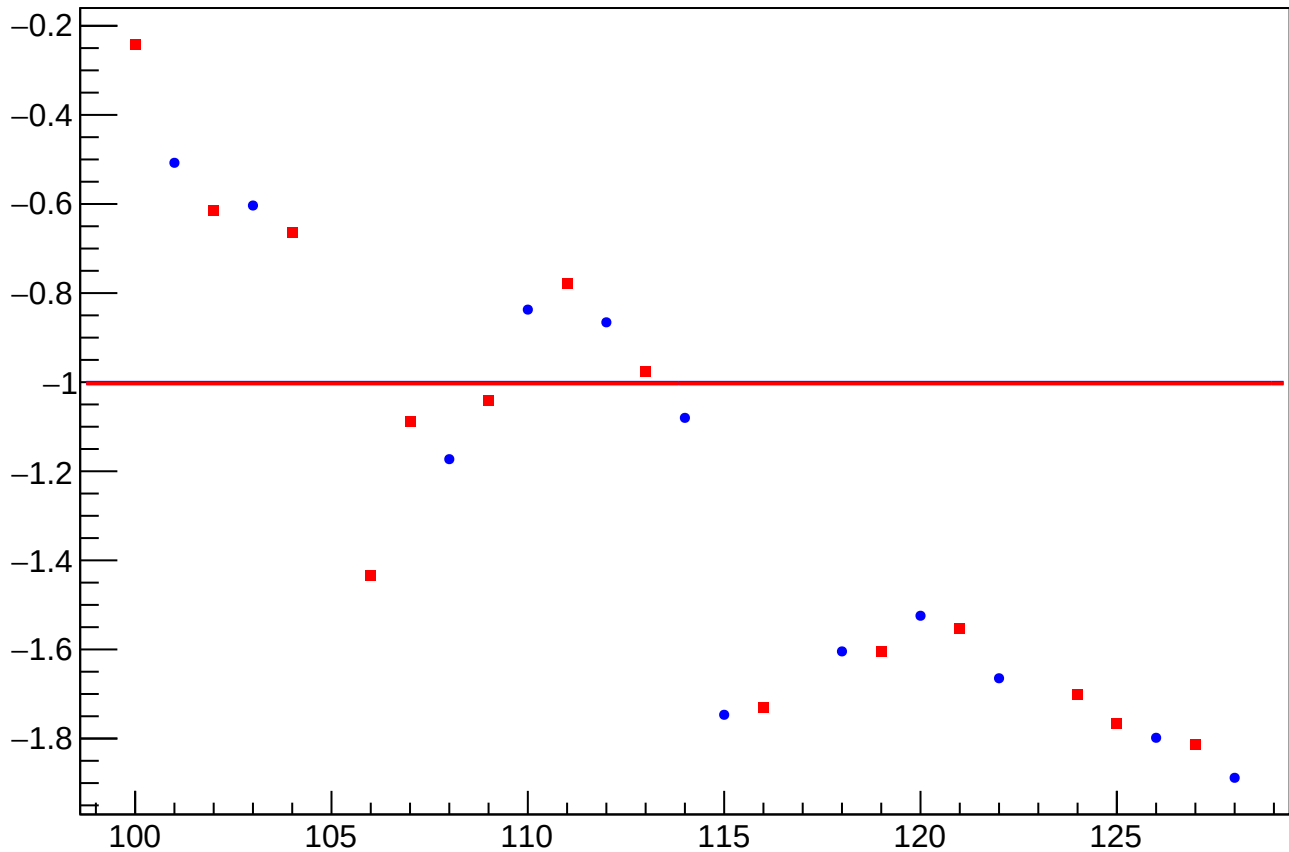
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.000 χ^2 /NDF: 46989.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i06Y_mean vs Slug



Right In: -1.001+/-0.000 χ^2/NDF : 43061940194.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.003+/-0.000 χ^2/NDF : 34821677983.6/13

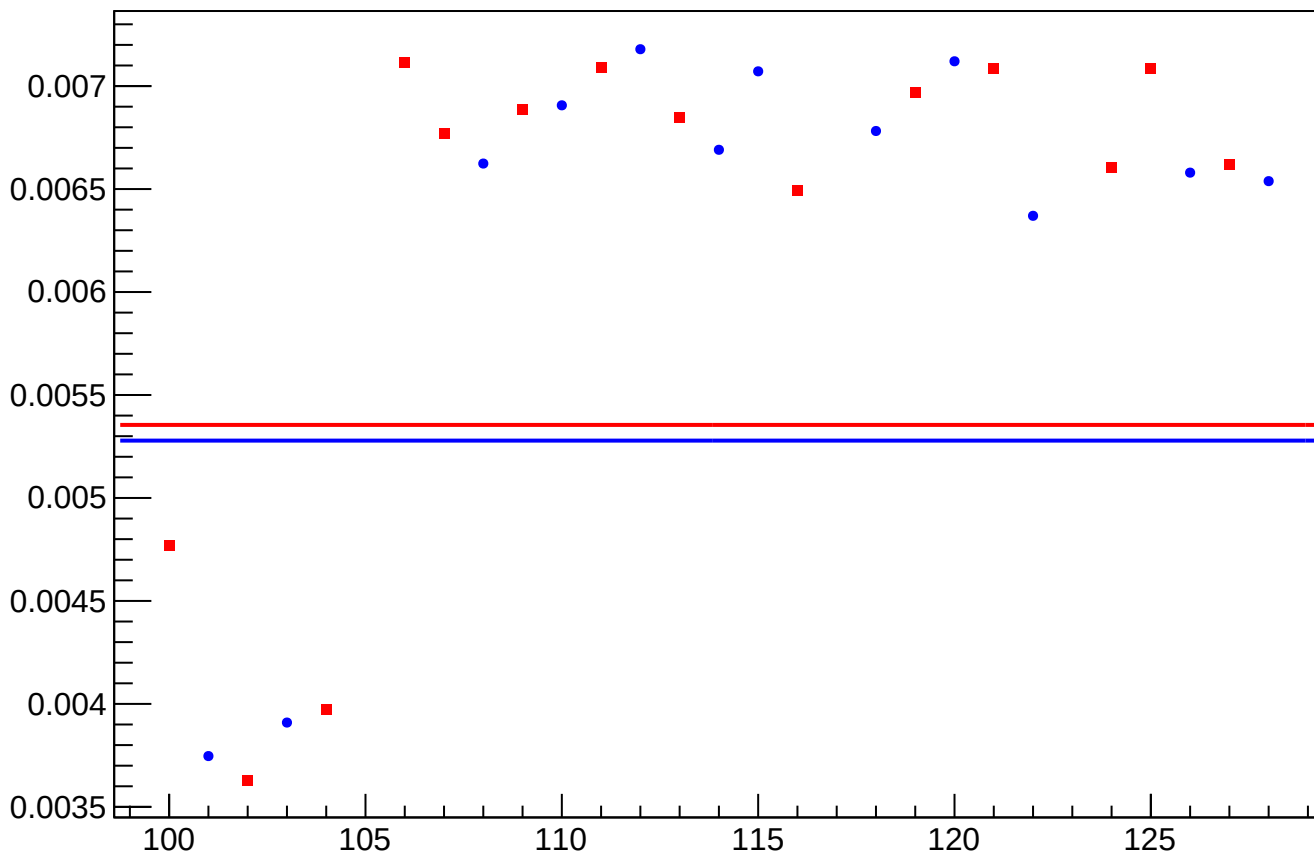
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.002+/-0.000 χ^2/NDF : 77883758608.1/14

- 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 : 680324.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 781163.5/13

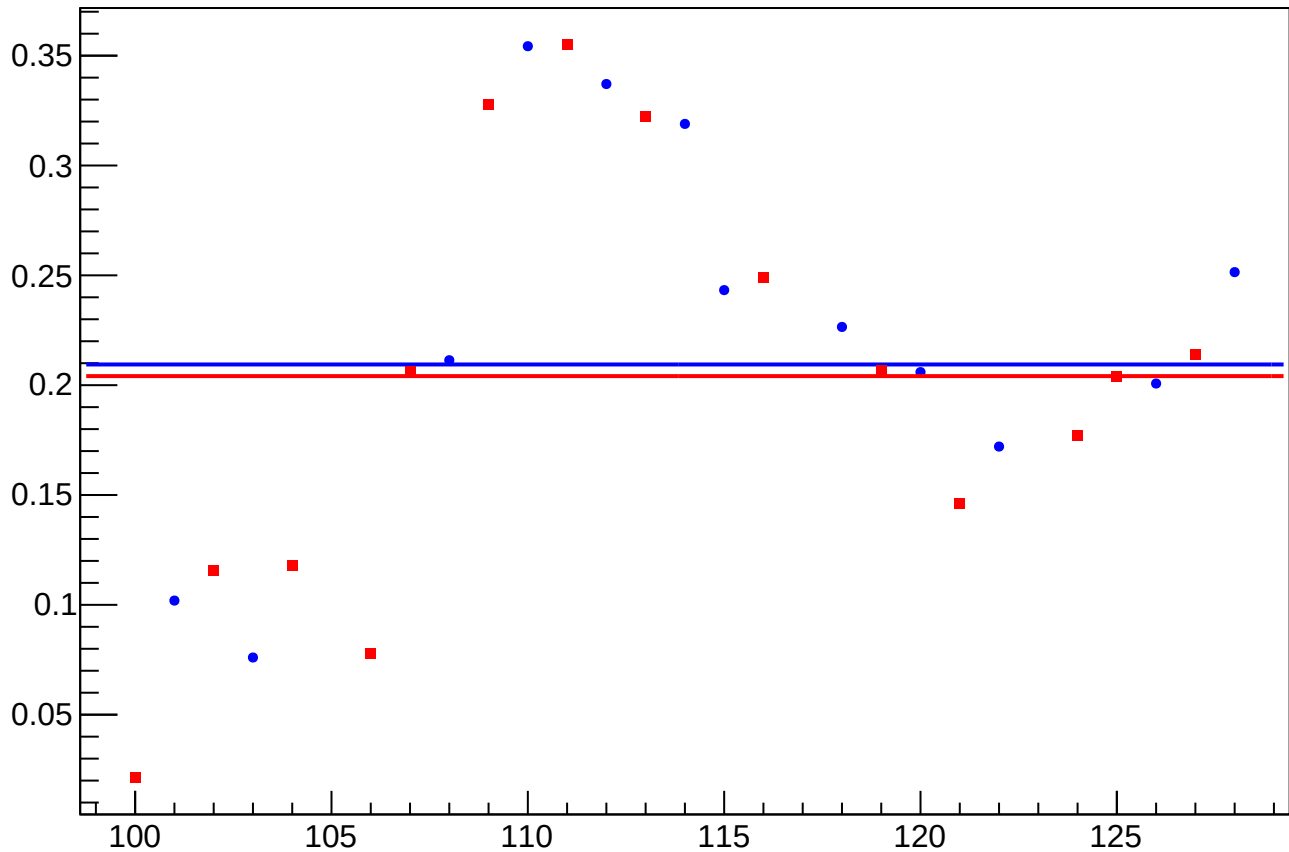
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1462410.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01X_mean vs Slug



Right In: 0.209+/-0.000 χ^2/NDF : 14929183149.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.204+/-0.000 χ^2/NDF : 20022516261.6/13

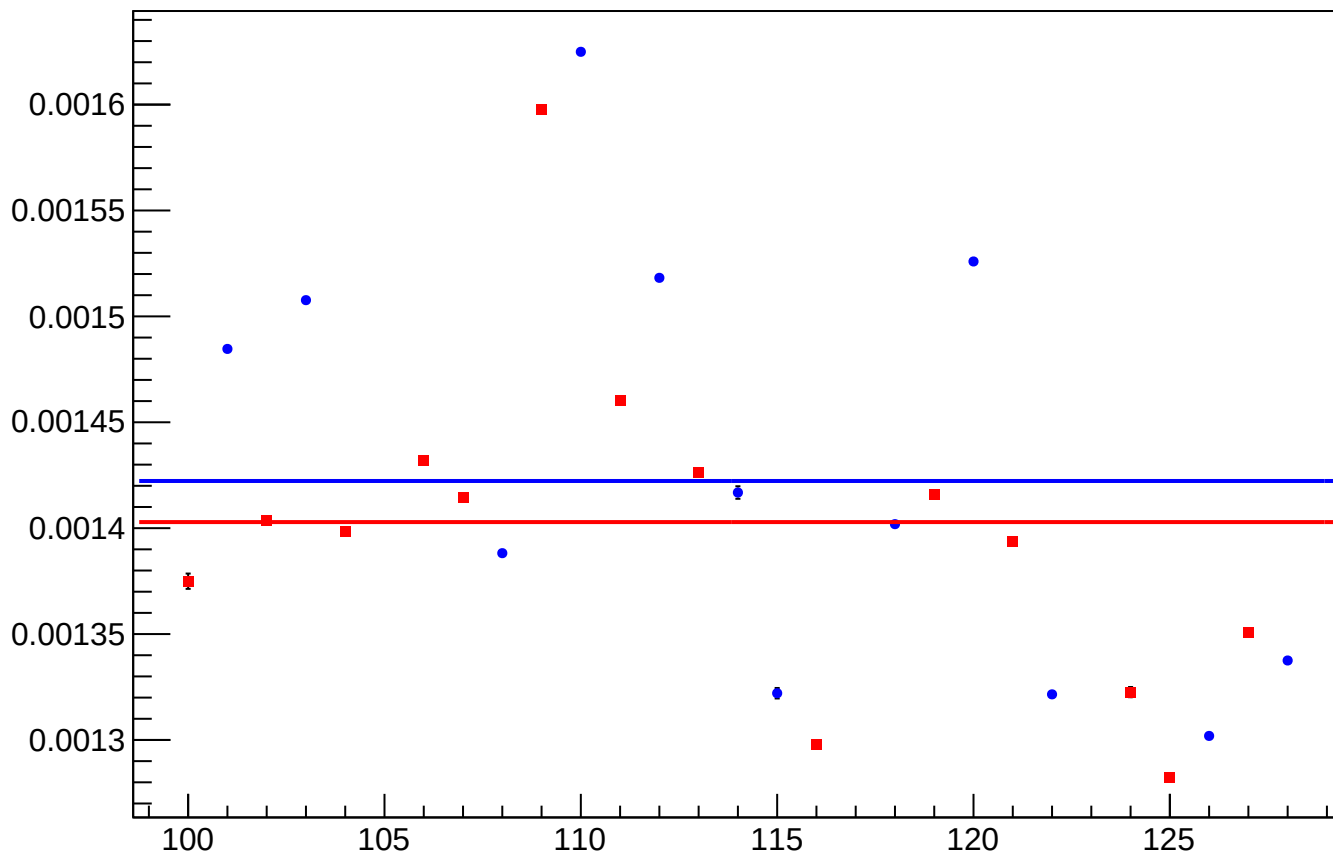
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.207+/-0.000 χ^2/NDF : 34986968359.3/24

- 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 : 41103.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 29266.3/13

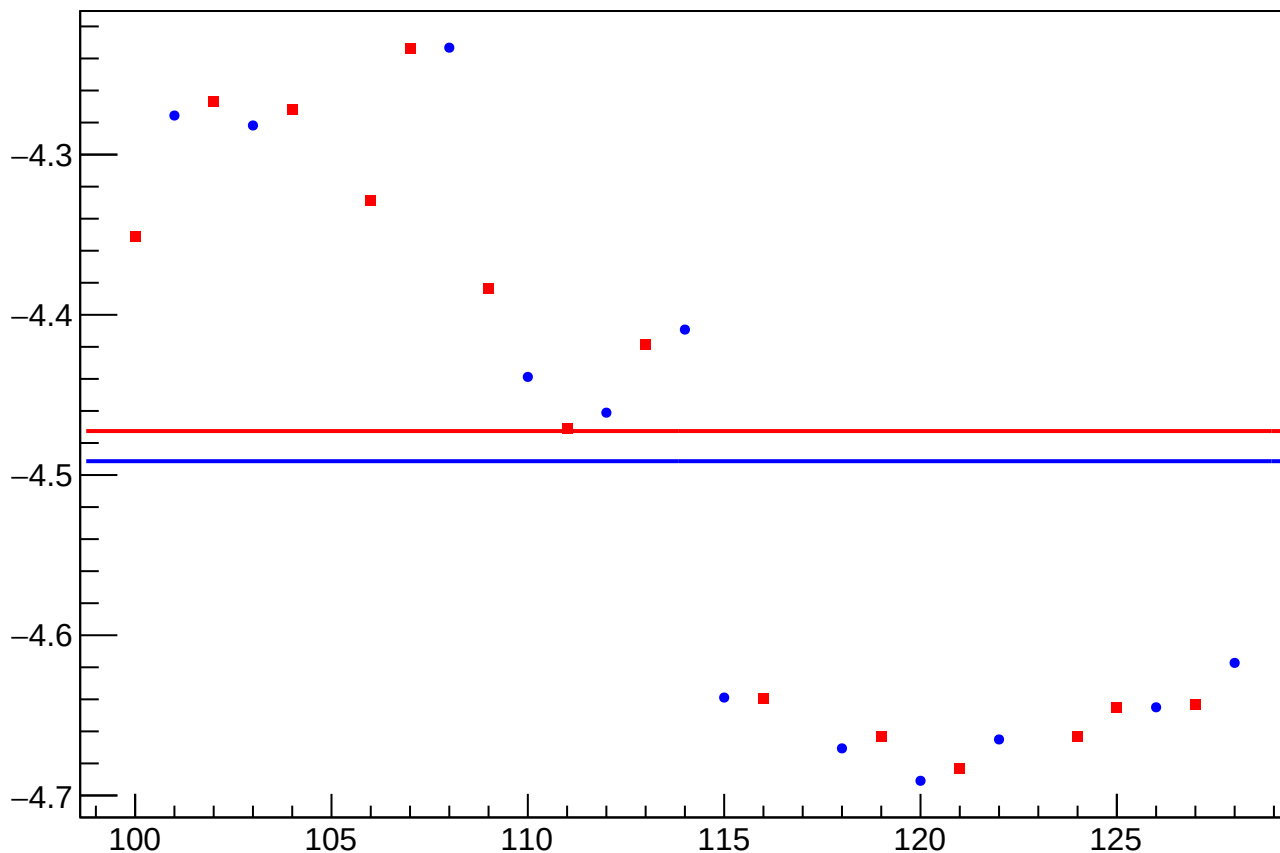
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 71315.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01Y_mean vs Slug



Right In: -4.491+/-0.000 χ^2/NDF : 53532249532.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.473+/-0.000 χ^2/NDF : 49833120721.2/13

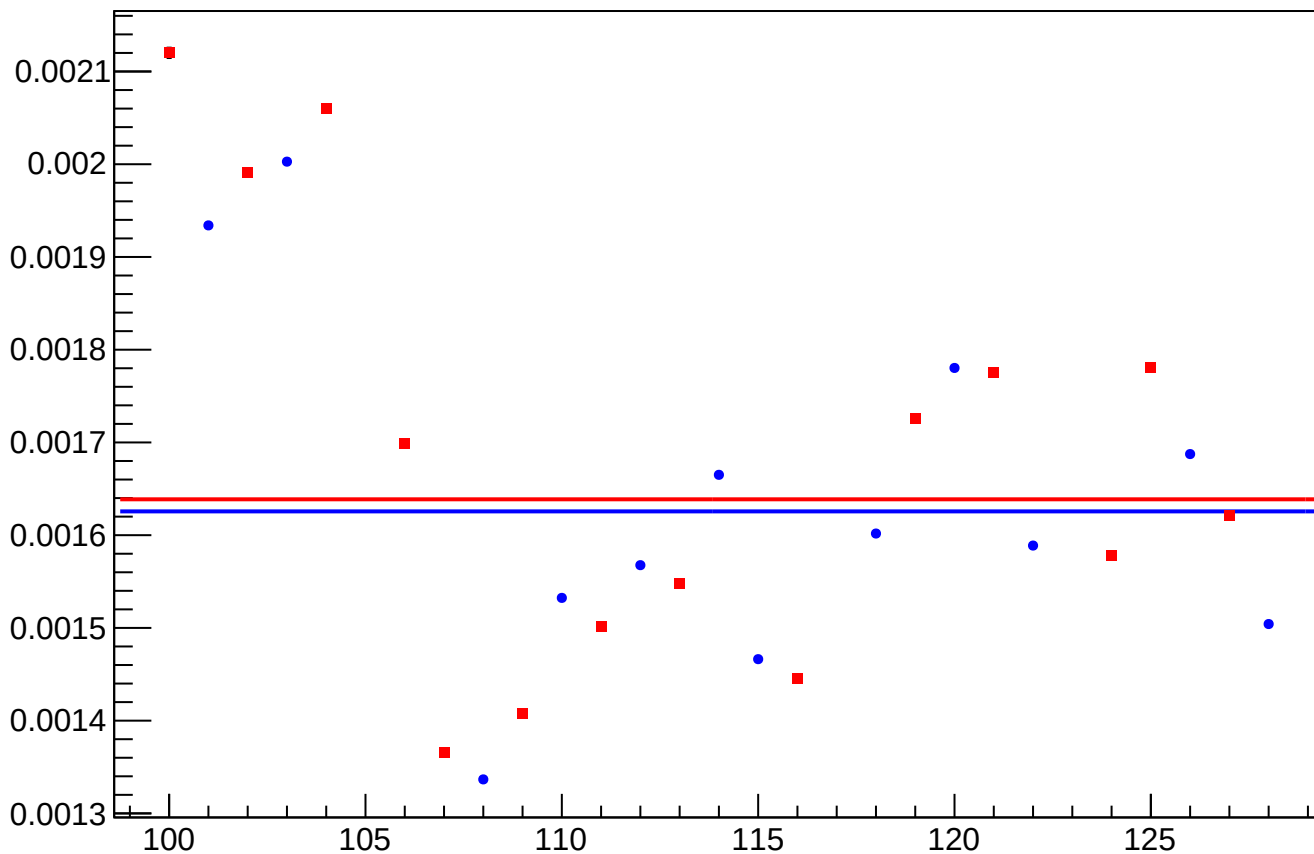
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.482+/-0.000 χ^2/NDF : 103696634782.4

- 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 : 132801.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 170944.9/13

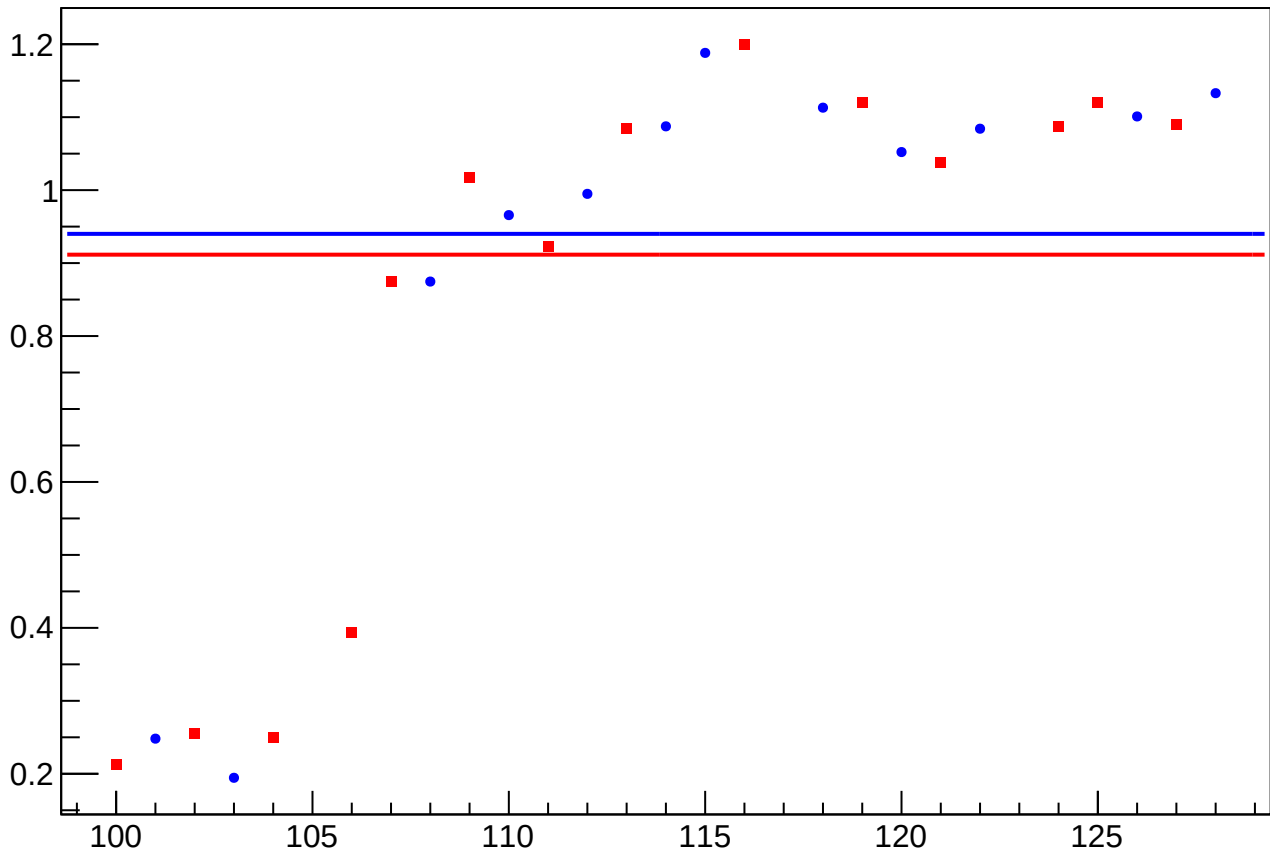
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 304064.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i02X_mean vs Slug



Right In: 0.940+/-0.000 χ^2/NDF : 10561707818.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.912+/-0.000 χ^2/NDF : 13319469785.3/13

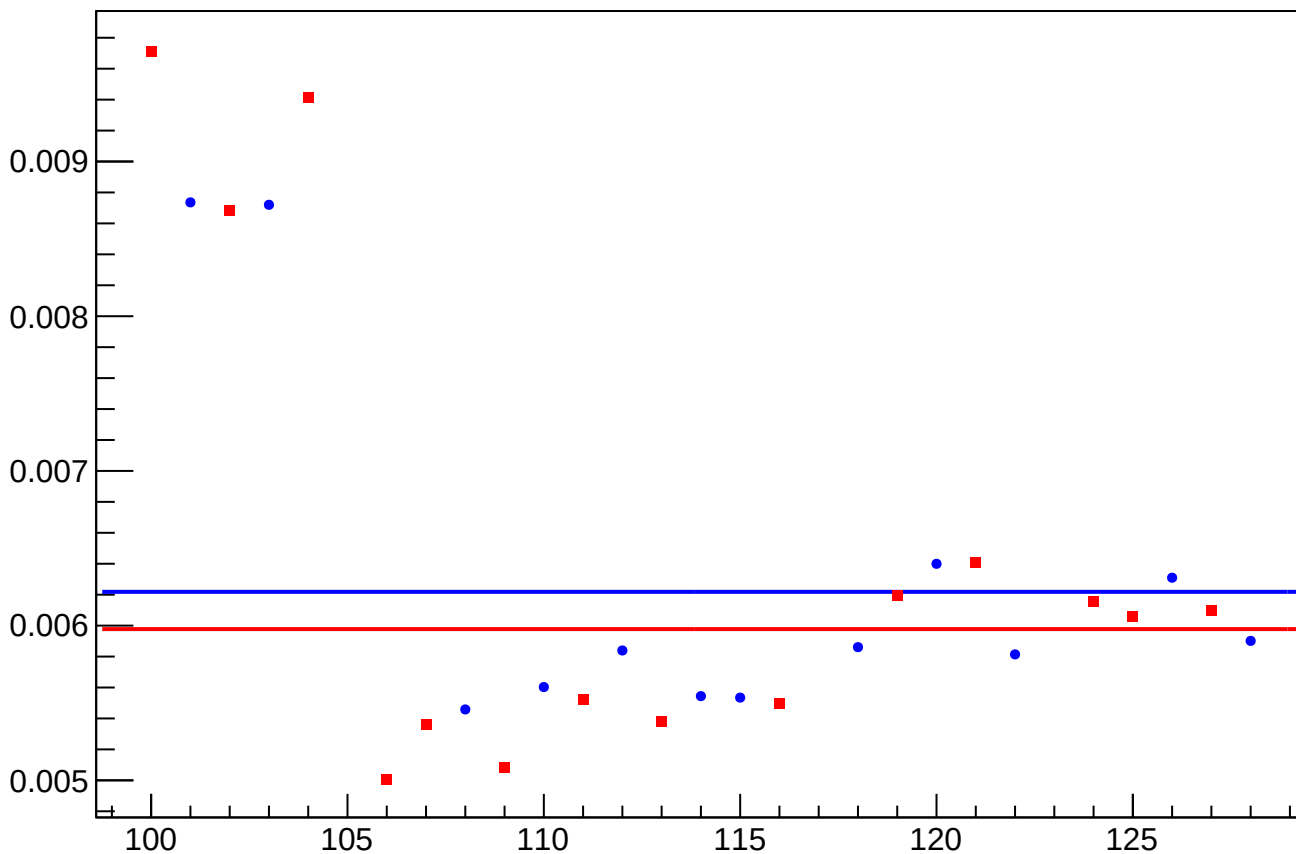
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.925+/-0.000 χ^2/NDF : 23936402315.9/24

- 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 : 254489.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 377728.1/13

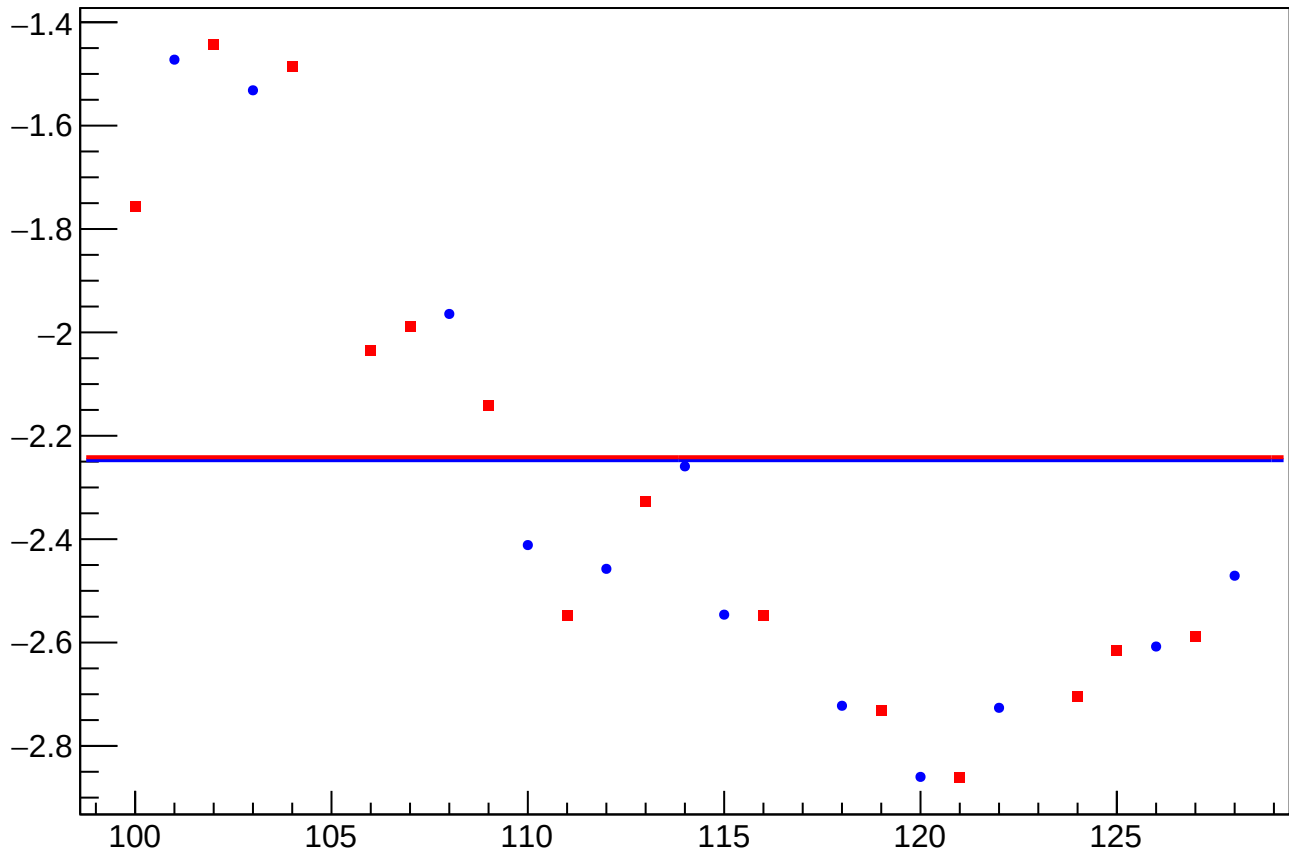
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 640097.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i02Y_mean vs Slug



Right In: -2.247+/-0.000 χ^2/NDF : 36820239410.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.241+/-0.000 χ^2/NDF : 37458011547.1/13

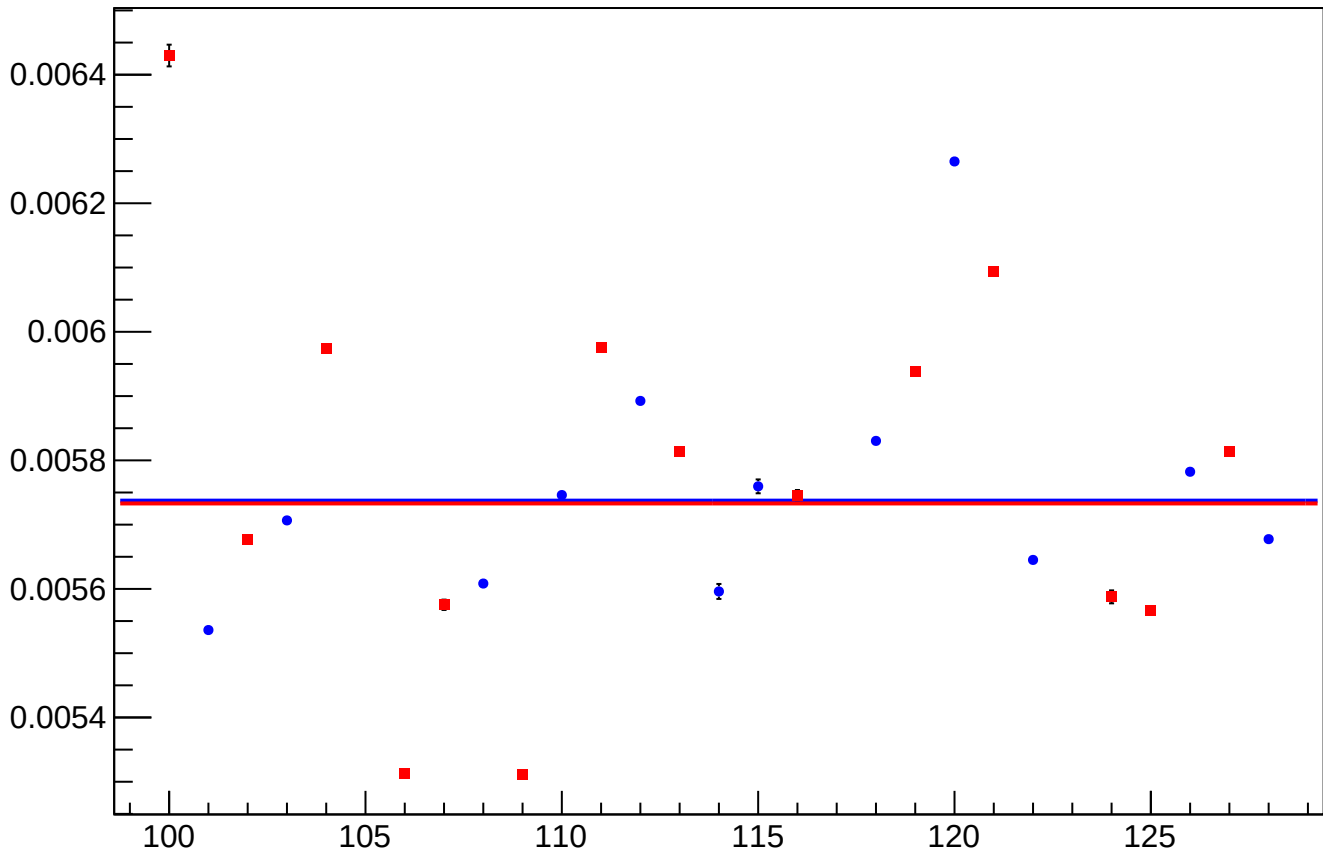
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.244+/-0.000 χ^2/NDF : 74280872539.9

- 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 : 8628.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 21848.3/13

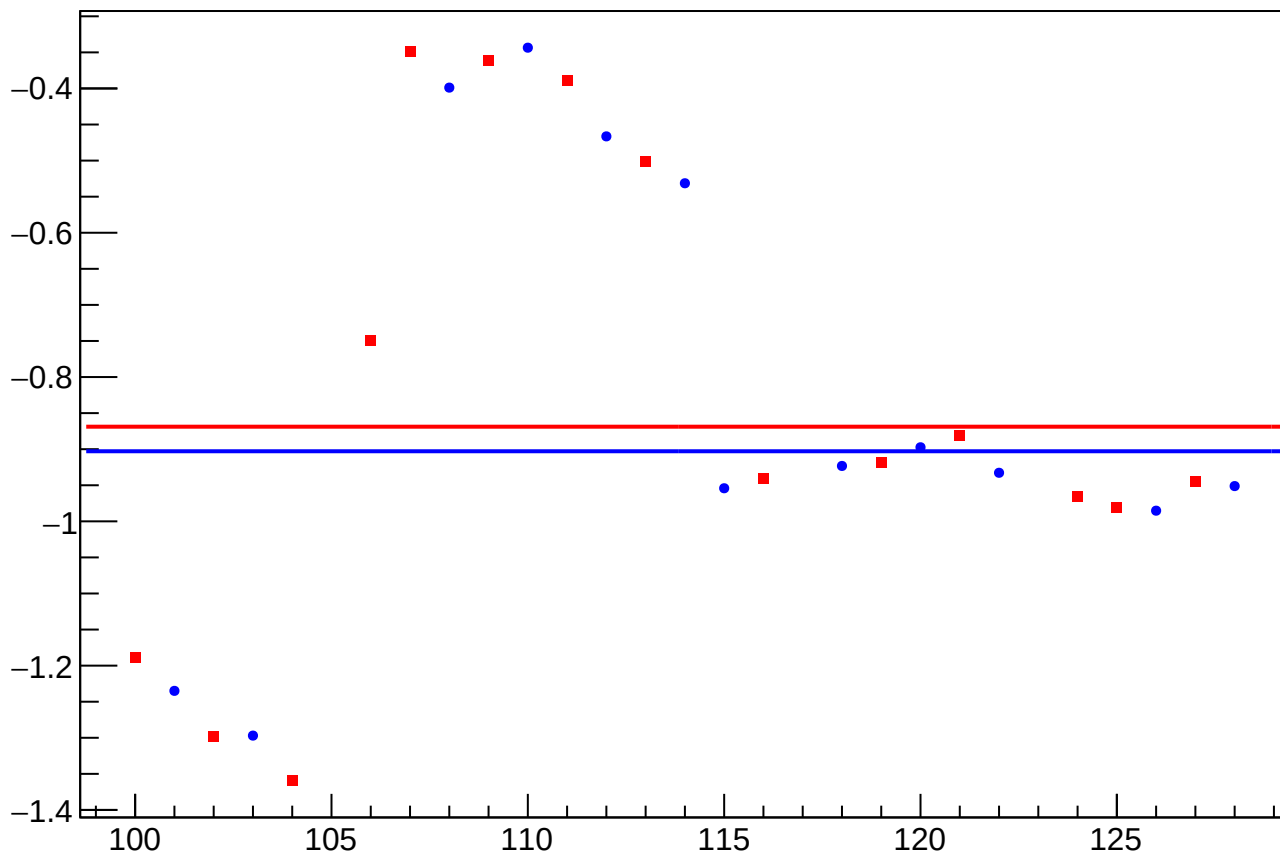
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 30480.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01X_mean vs Slug



Right In: -0.903+/-0.000 χ^2/NDF : 4149217750.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.869+/-0.000 χ^2/NDF : 5737613094.8/13

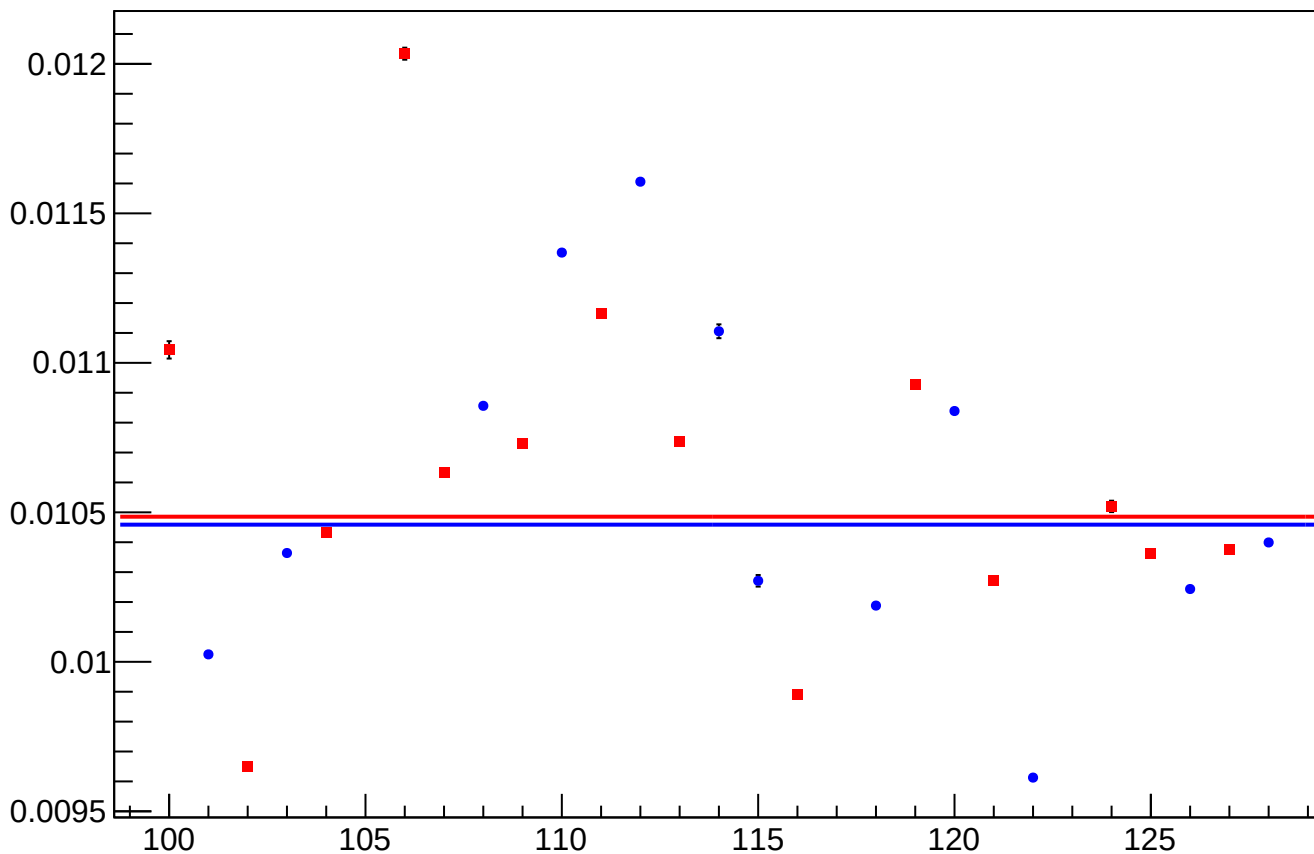
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.885+/-0.000 χ^2/NDF : 9913752912.4/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01X_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF : 26898.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 24766.7/13

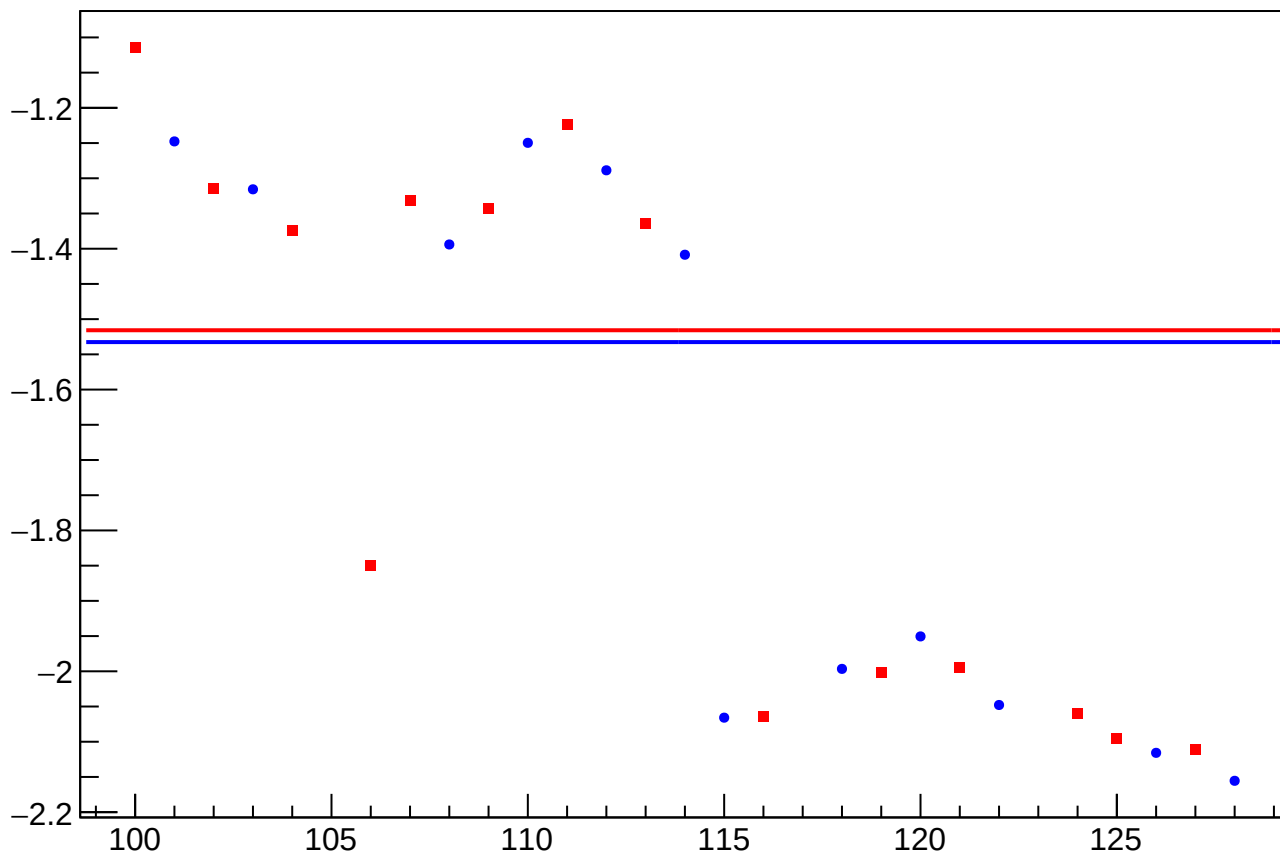
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 51698.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01Y_mean vs Slug



Right In: -1.533+/-0.000 χ^2/NDF : 98958547174.0/11

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

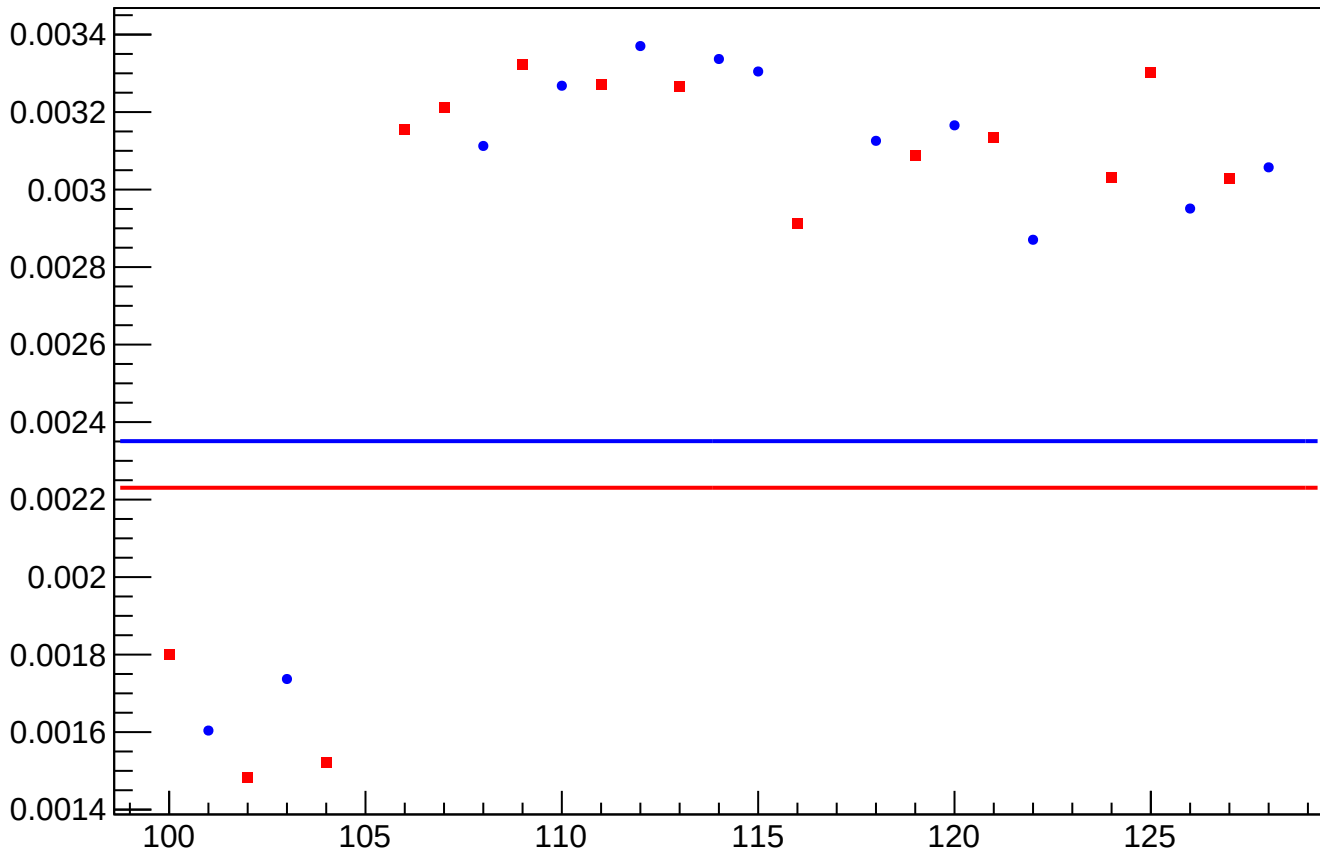
Right Out: -1.516+/-0.000 χ^2/NDF : 86850601933.8/13

All: -1.524+/-0.000 χ^2/NDF : 185921993465.4

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01Y_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 807549.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1160998.2/13

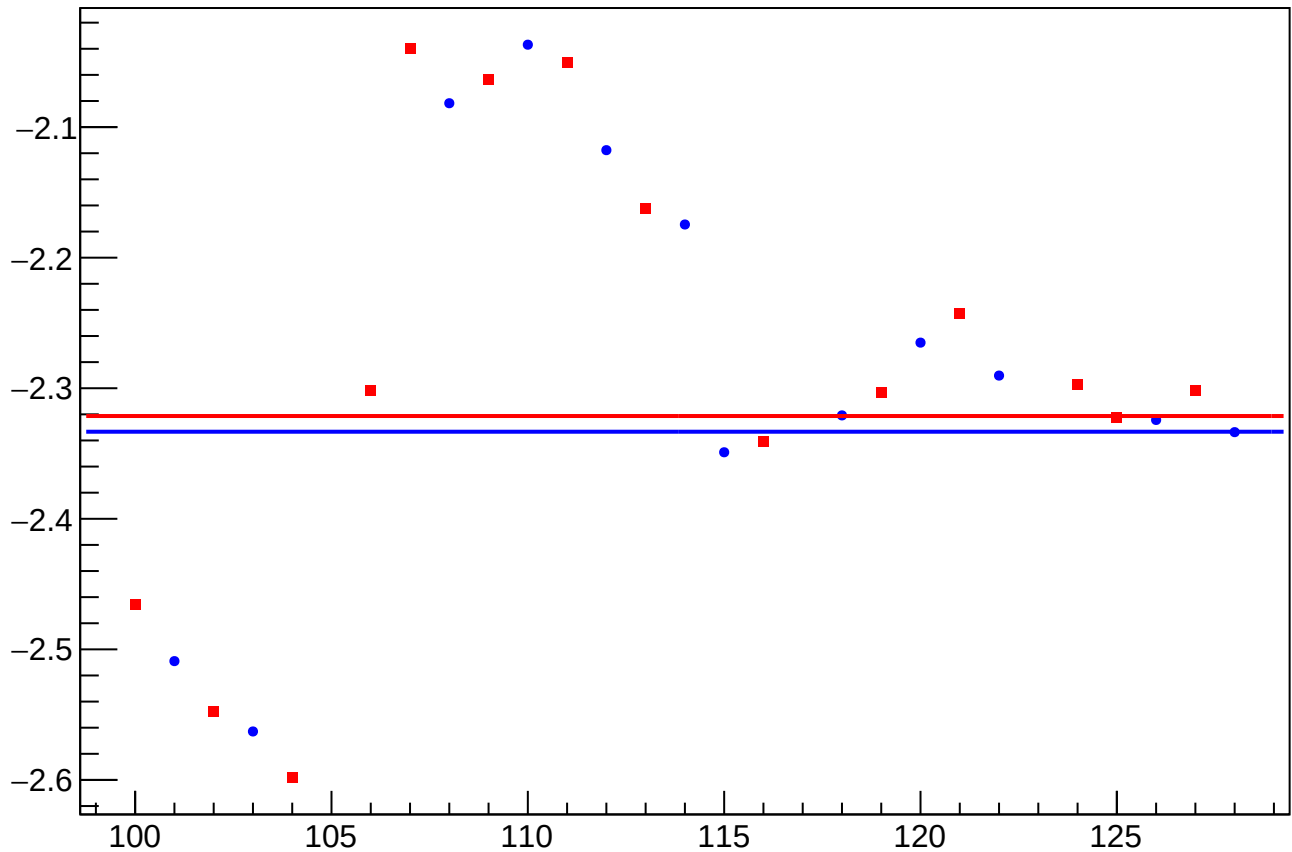
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1980102.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01aX_mean vs Slug



Right In: -2.333+/-0.000 χ^2/NDF : 3215533571.1/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.321+/-0.000 χ^2/NDF : 4527782089.7/13

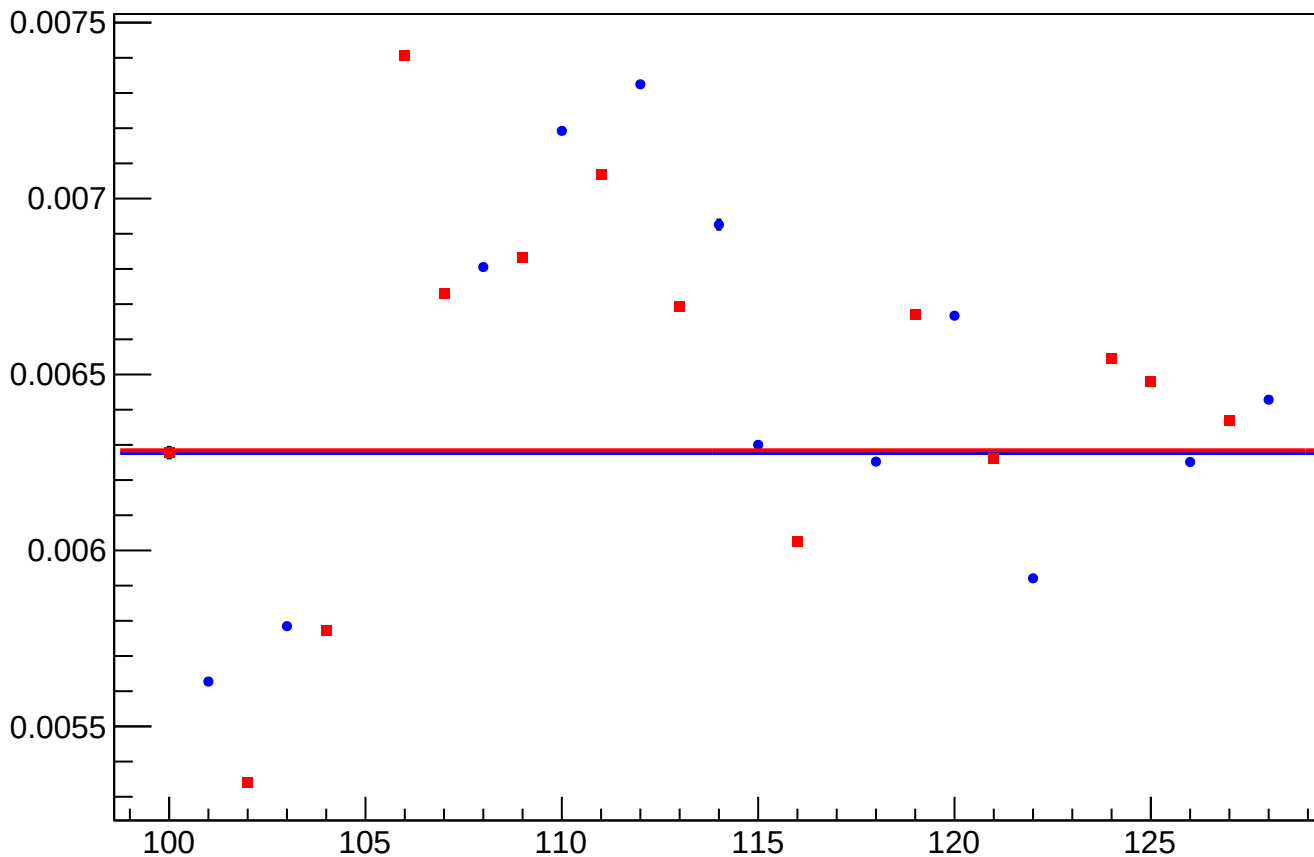
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.327+/-0.000 χ^2/NDF : 7752482907.3/2

- 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 : 69367.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 85432.4/13

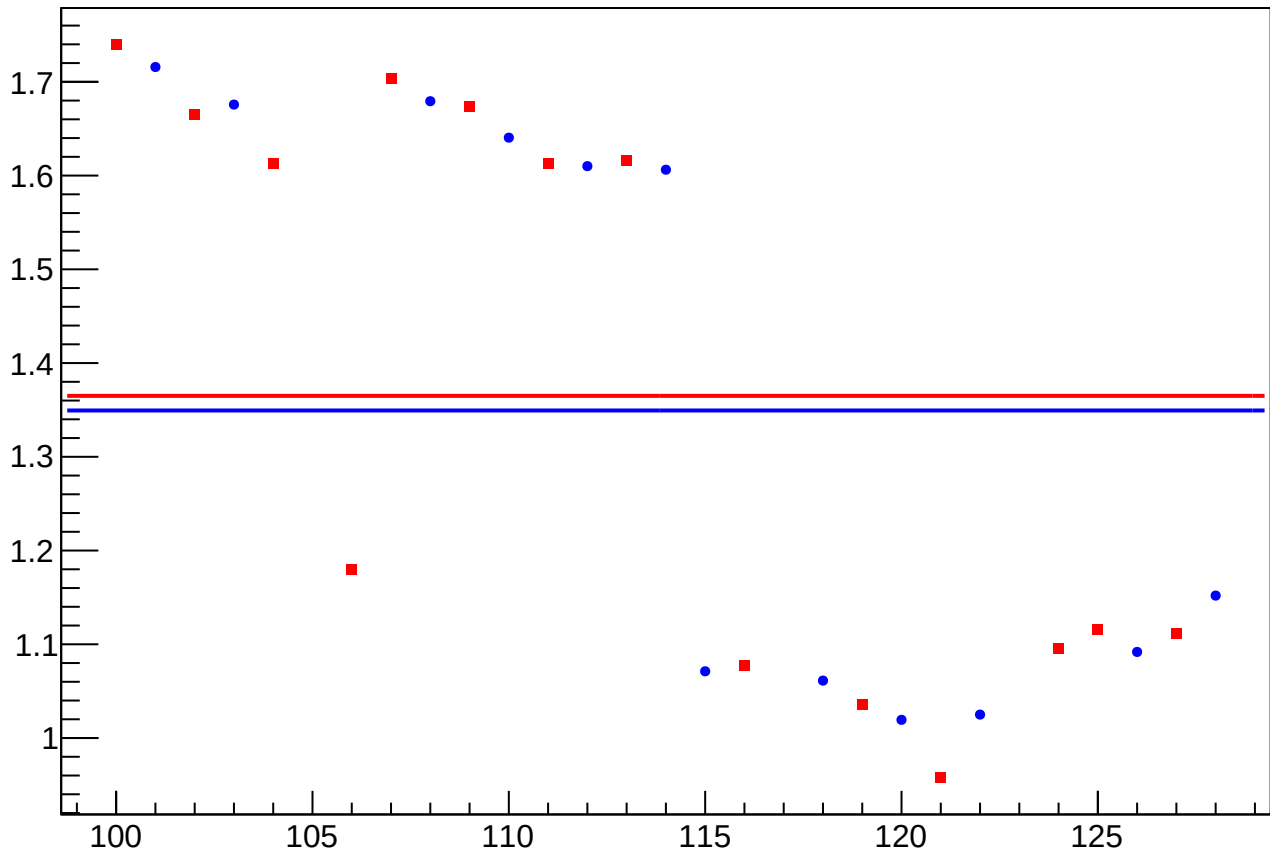
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 154807.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01aY_mean vs Slug



Right In: 1.349+/-0.000 χ^2/NDF : 99111059137.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.365+/-0.000 χ^2/NDF : 103650991967.5/13

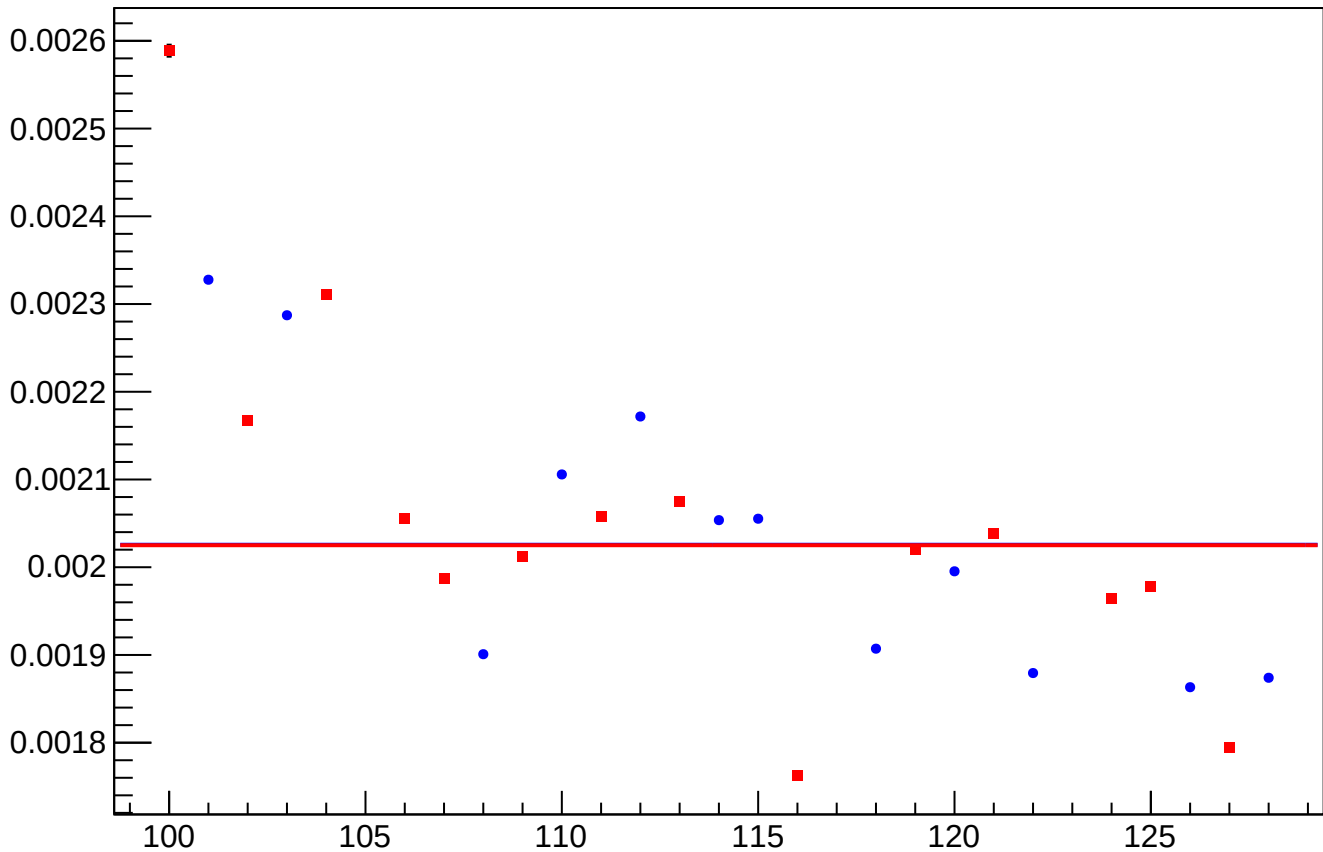
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.357+/-0.000 χ^2/NDF : 202903865887.5

- 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 : 64450.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 54768.8/13

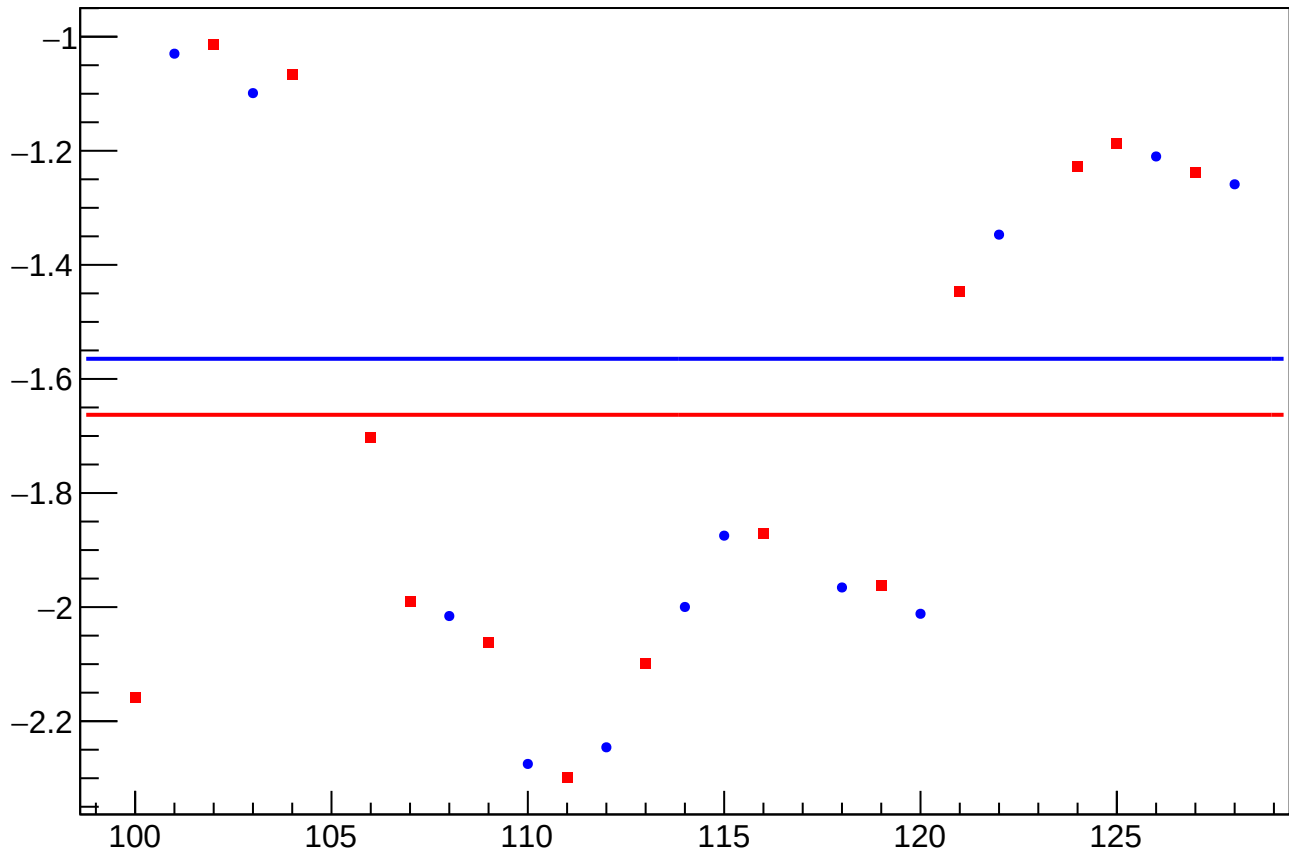
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 119220.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01X_mean vs Slug



Right In: -1.565+/-0.000 χ^2/NDF : 20940049761.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.663+/-0.000 χ^2/NDF : 25607889511.9/13

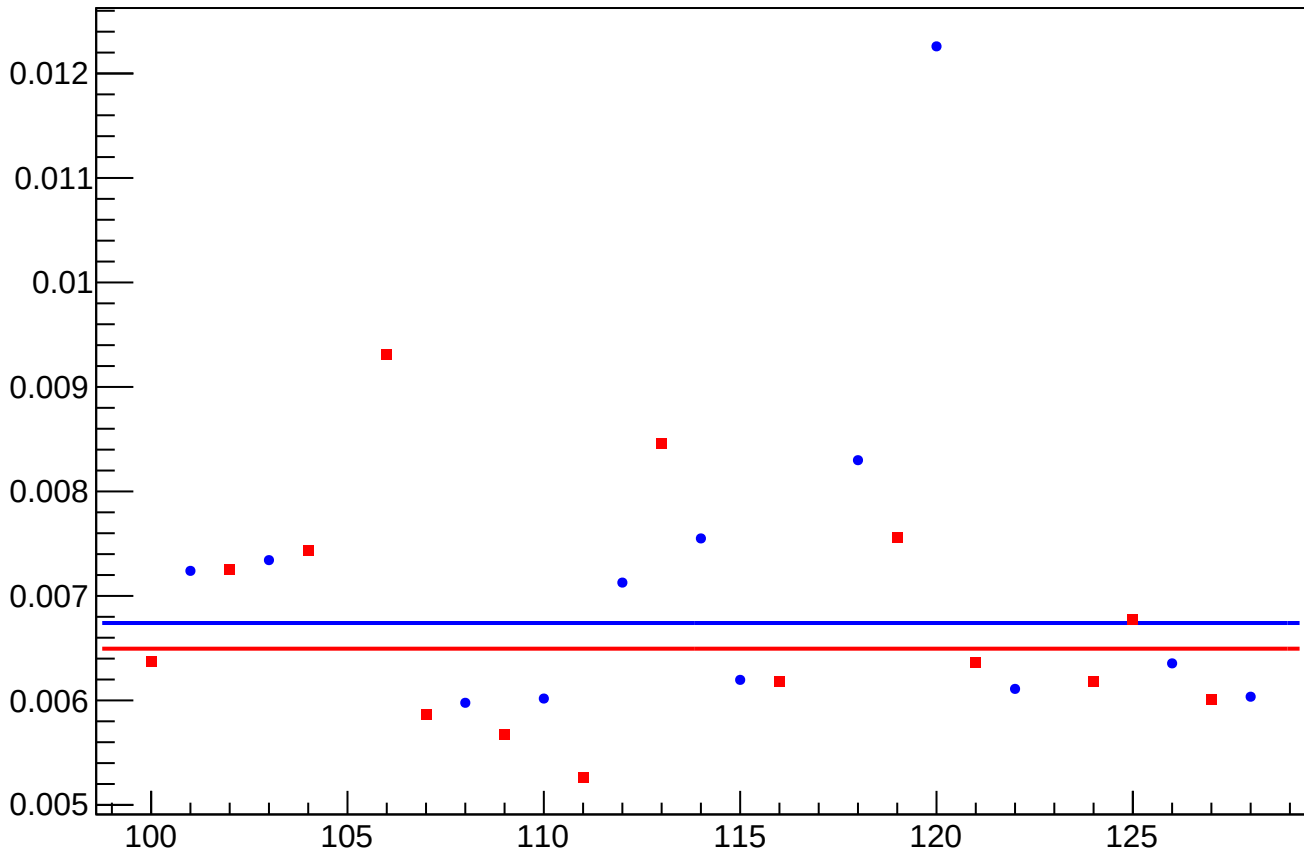
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.619+/-0.000 χ^2/NDF : 47059196151.6/13

- 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 : 210405.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 217843.2/13

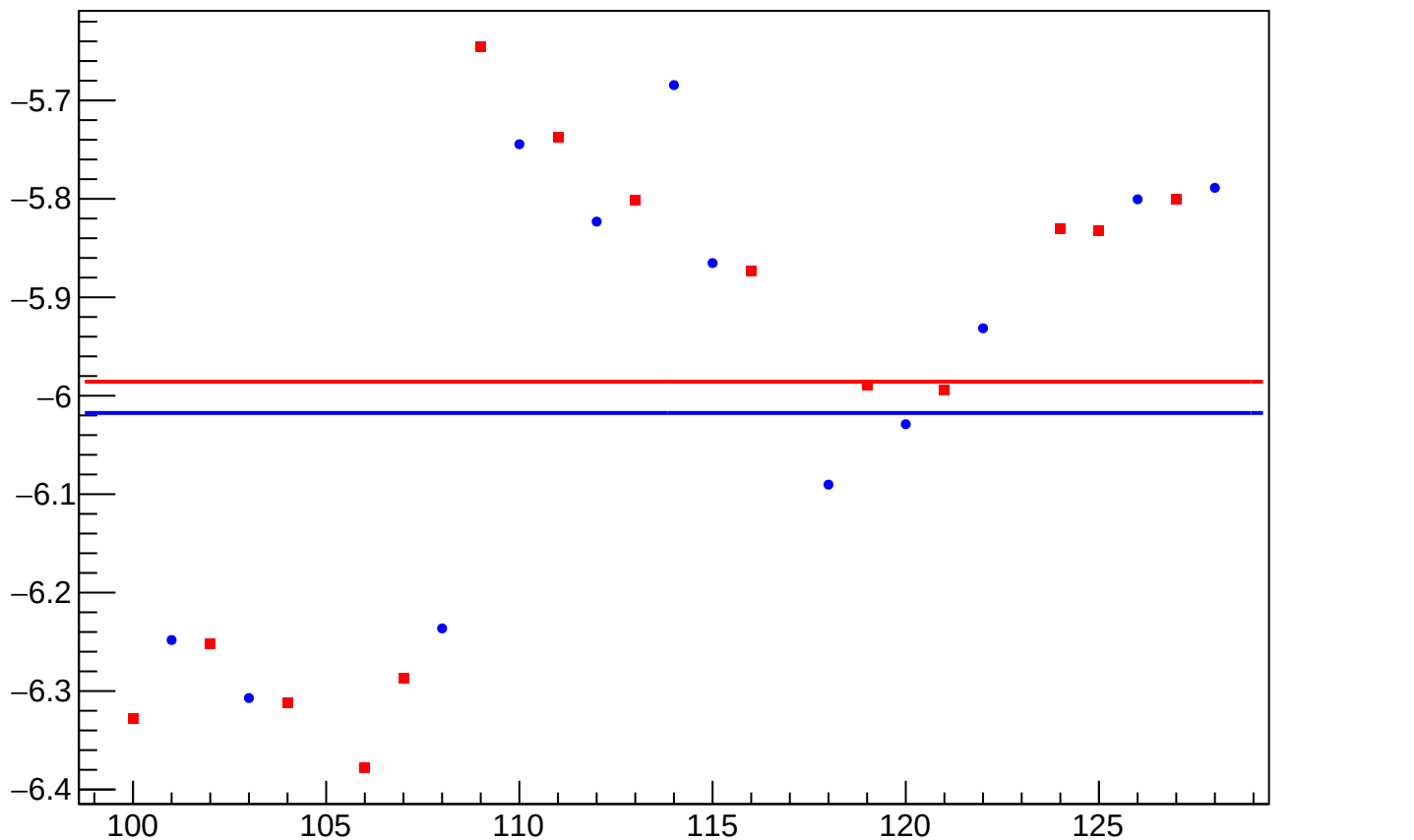
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 434652.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01Y_mean vs Slug



Right In: -6.017+/-0.000 χ^2/NDF : 6793286592.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.986+/-0.000 χ^2/NDF : 9637266052.0/13

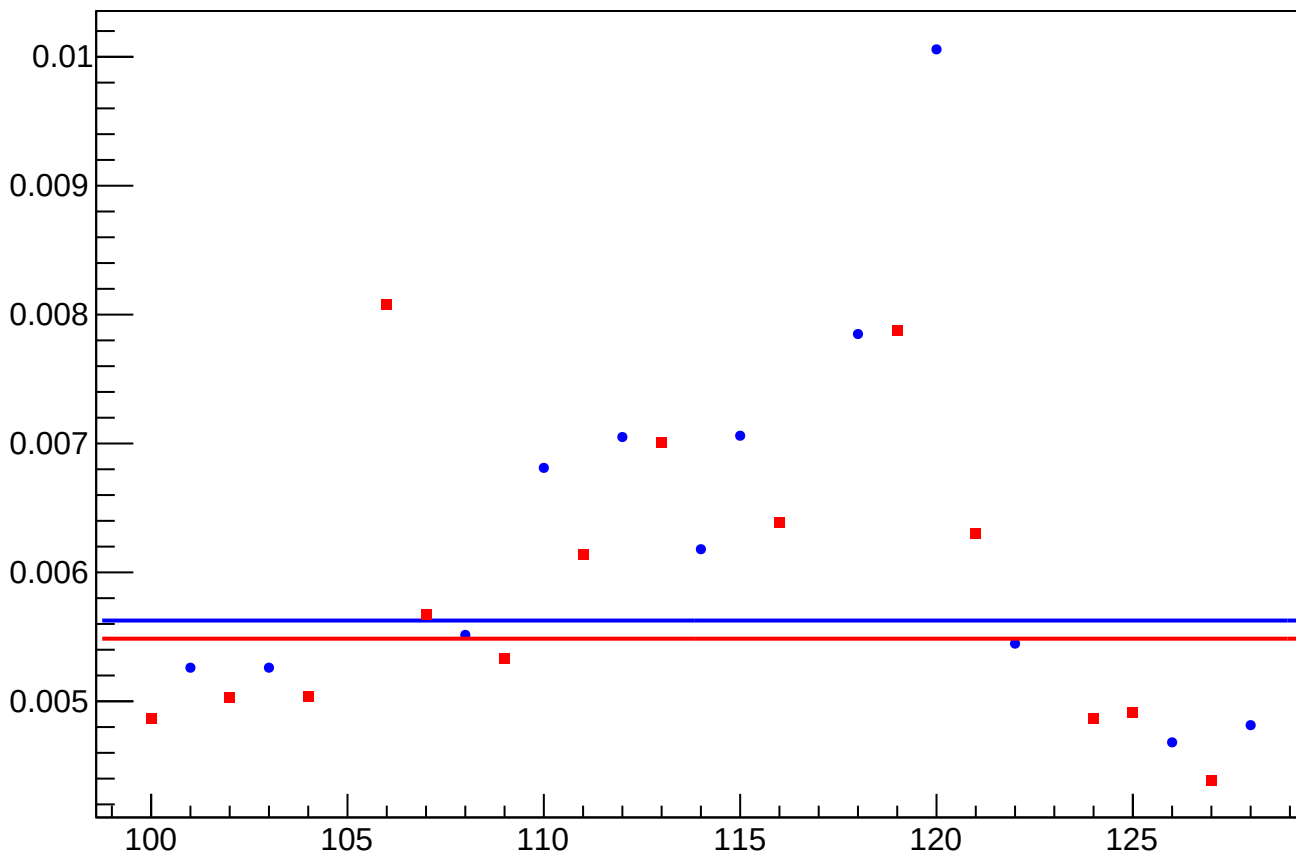
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.000+/-0.000 χ^2/NDF : 16504931620.2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 318620.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 296536.5/13

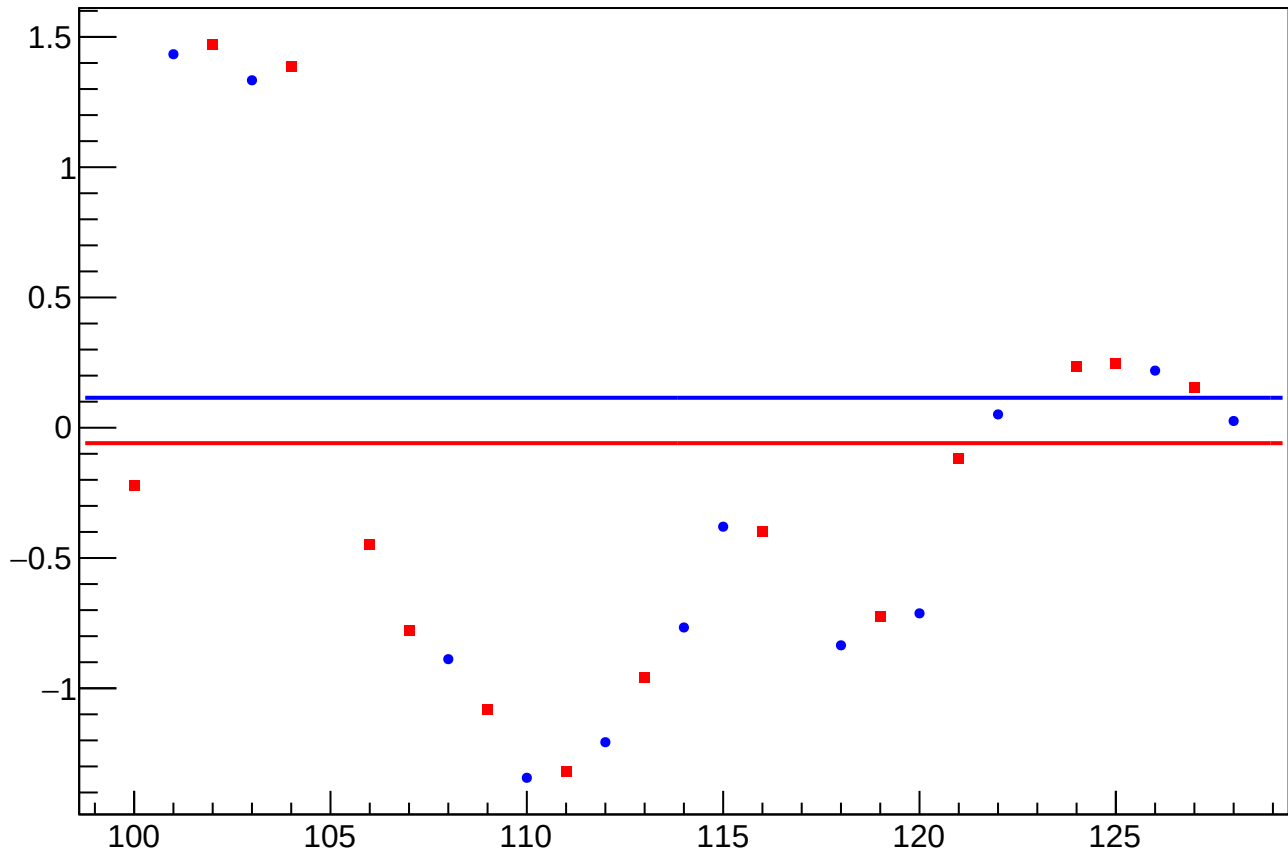
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 618073.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02X_mean vs Slug



Right In: 0.115+/-0.000 χ^2/NDF : 17386336425.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

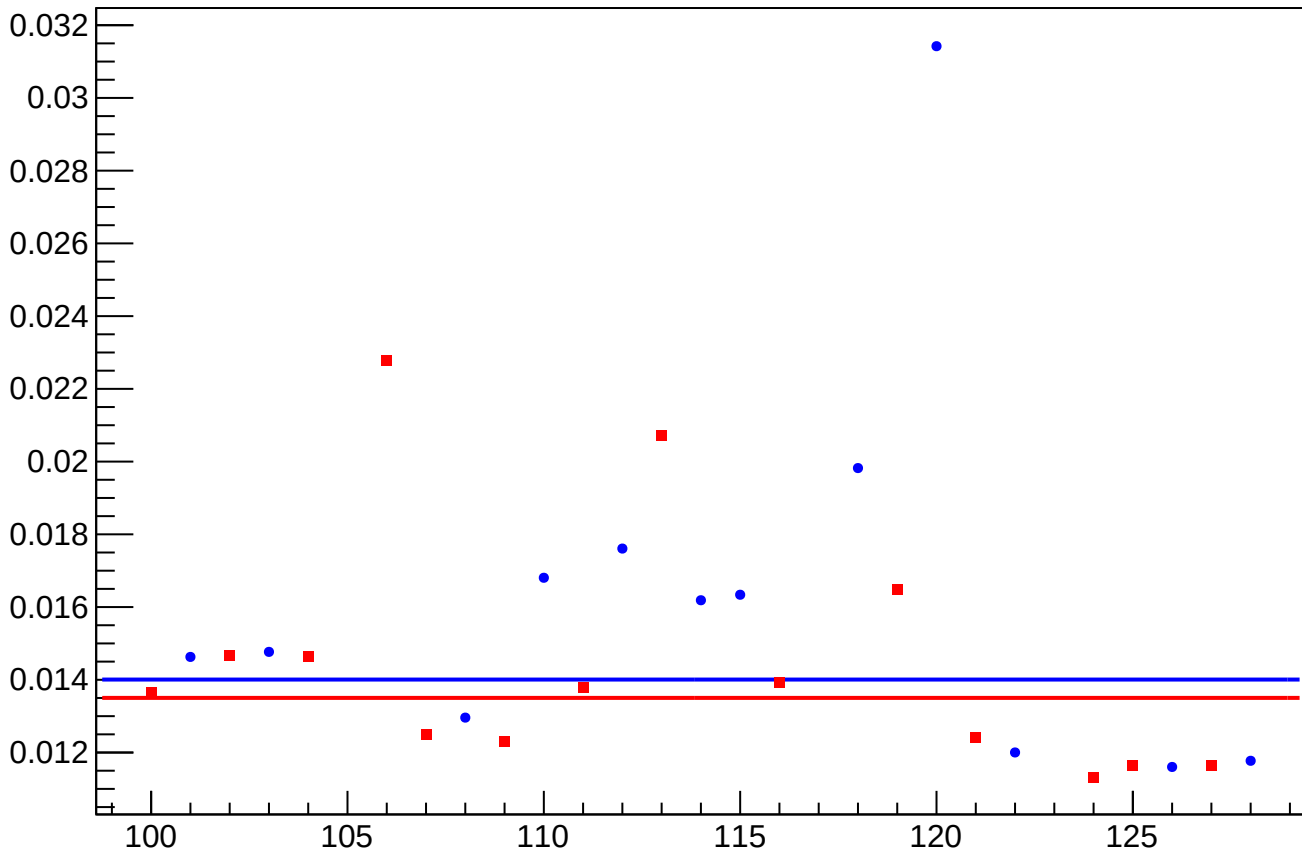
Right Out: -0.059+/-0.000 χ^2/NDF : 21904548322.6/13

All: 0.019+/-0.000 χ^2/NDF : 39652199649.3/2

- 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 : 390662.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 266780.8/13

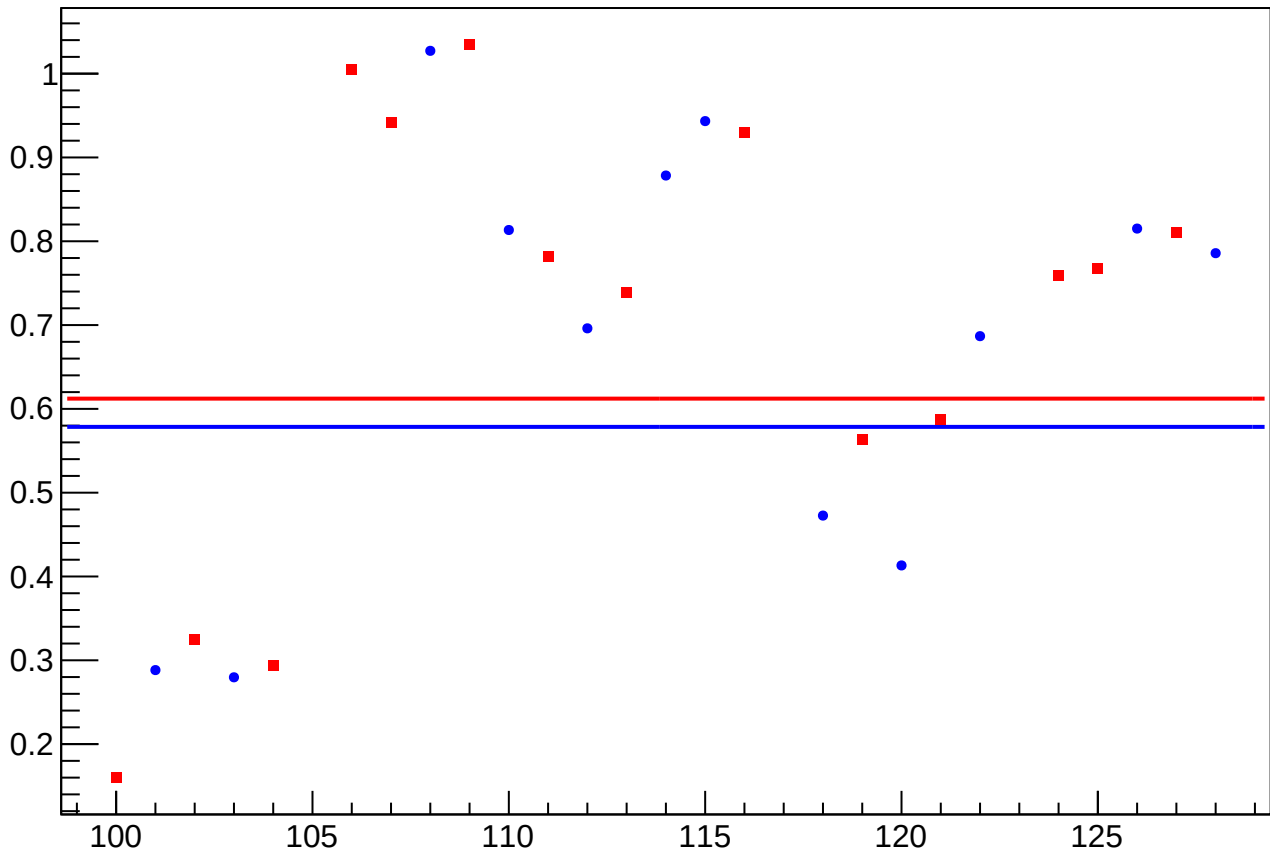
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 663497.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02Y_mean vs Slug



Right In: 0.579+/-0.000 χ^2/NDF : 4750703994.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.612+/-0.000 χ^2/NDF : 5556956061.5/13

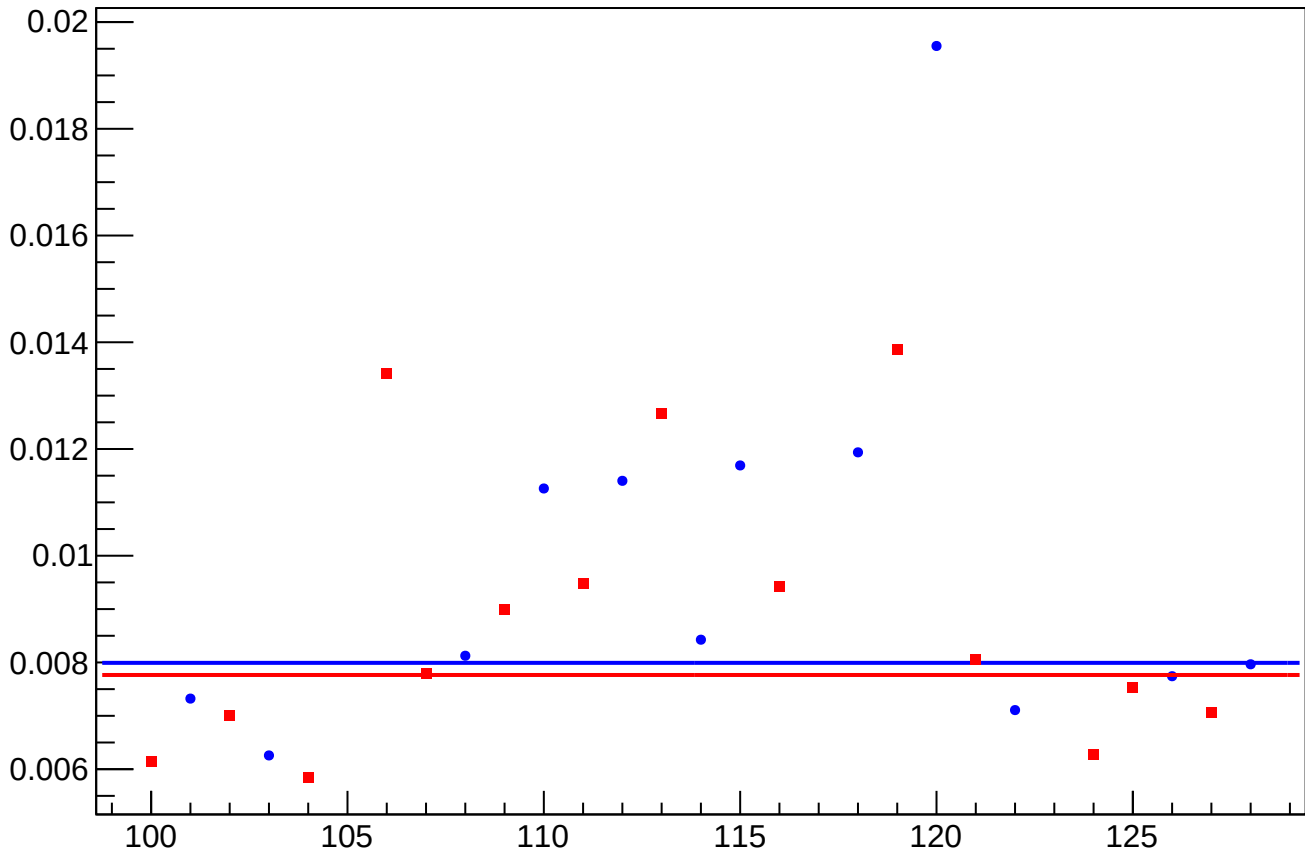
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.597+/-0.000 χ^2/NDF : 10347762083.3/2

- 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 : 558166.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 577757.5/13

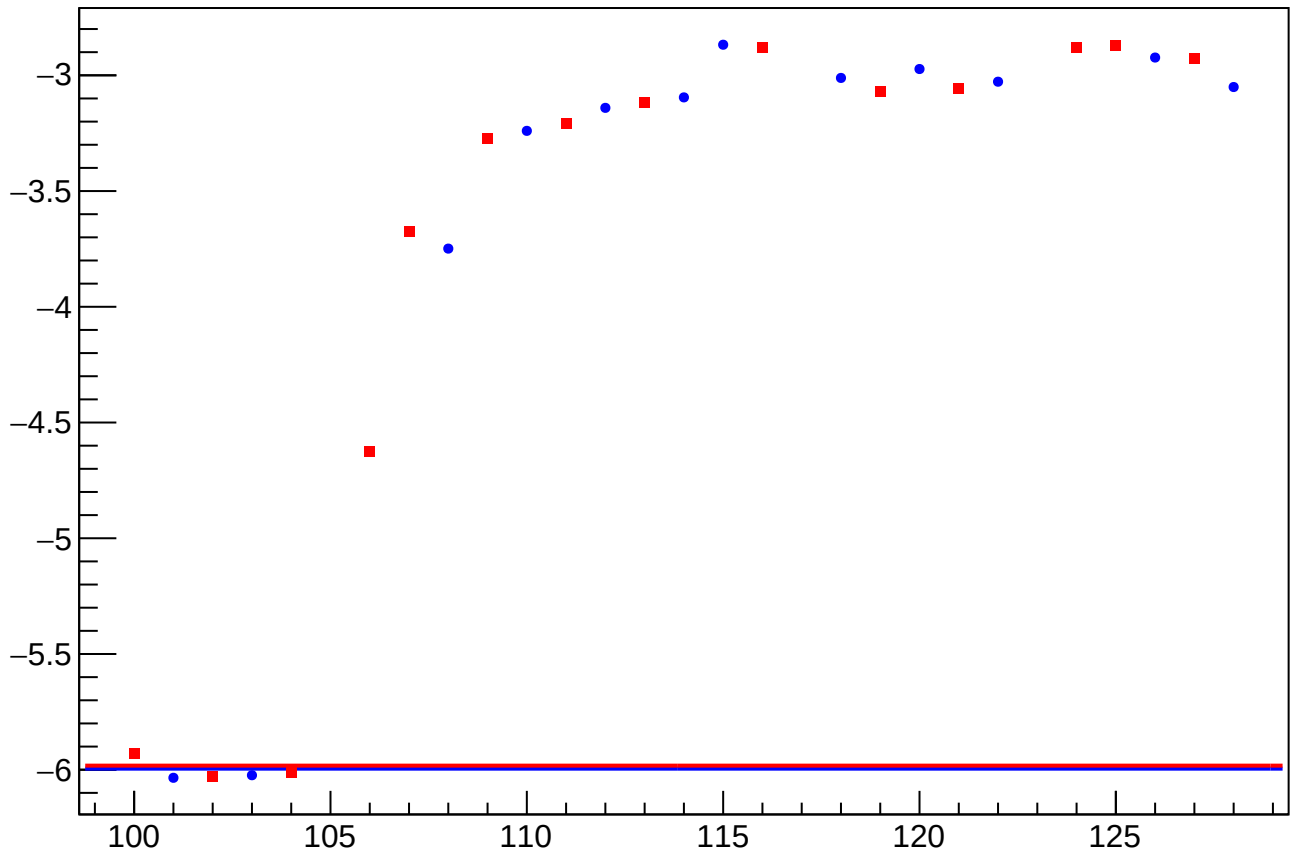
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 1139571.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l03X_mean vs Slug



Right In: -5.995+/-0.000 χ^2/NDF : 4557074588.4/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5.982+/-0.000 χ^2/NDF : 4515956654.0/13

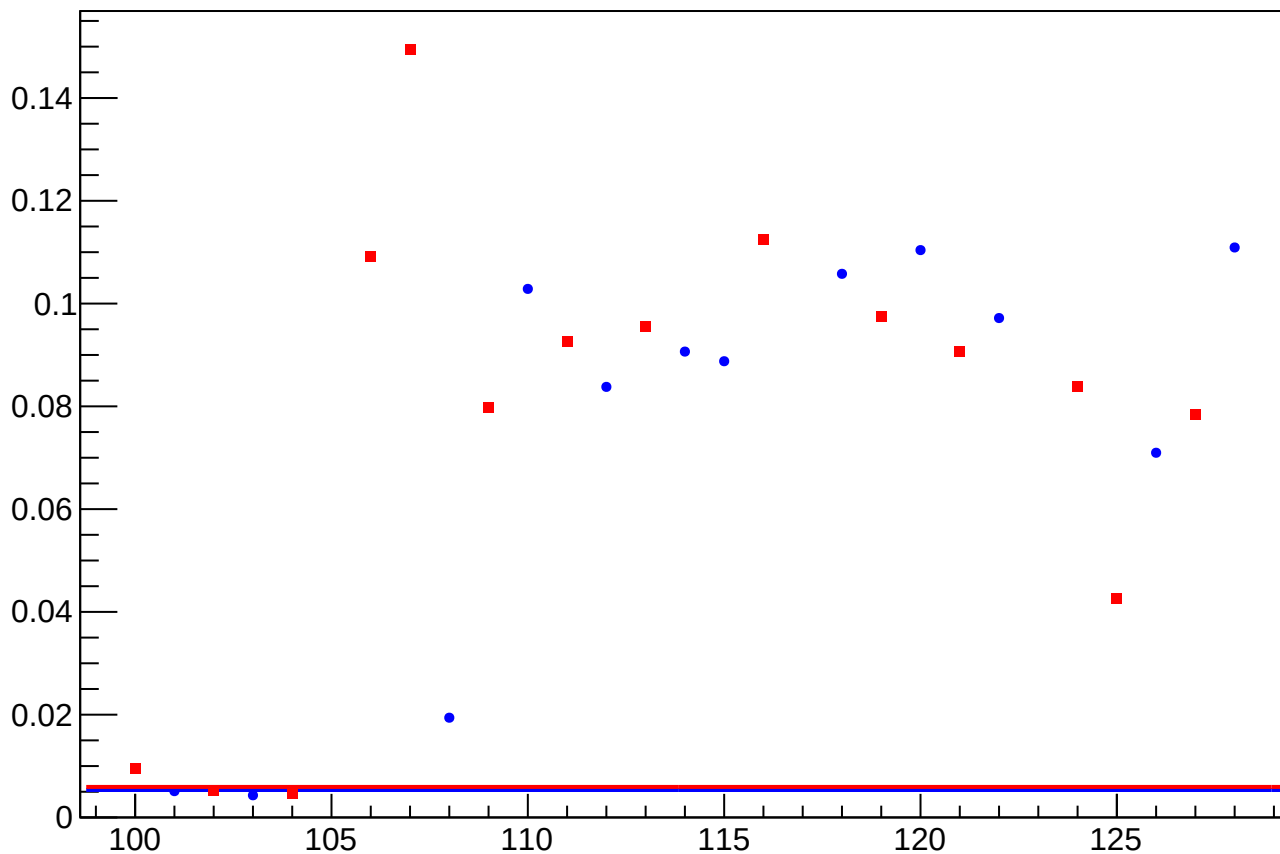
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.989+/-0.000 χ^2/NDF : 9076942006.2/2

- 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 : 5638391.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 6642331.0/13

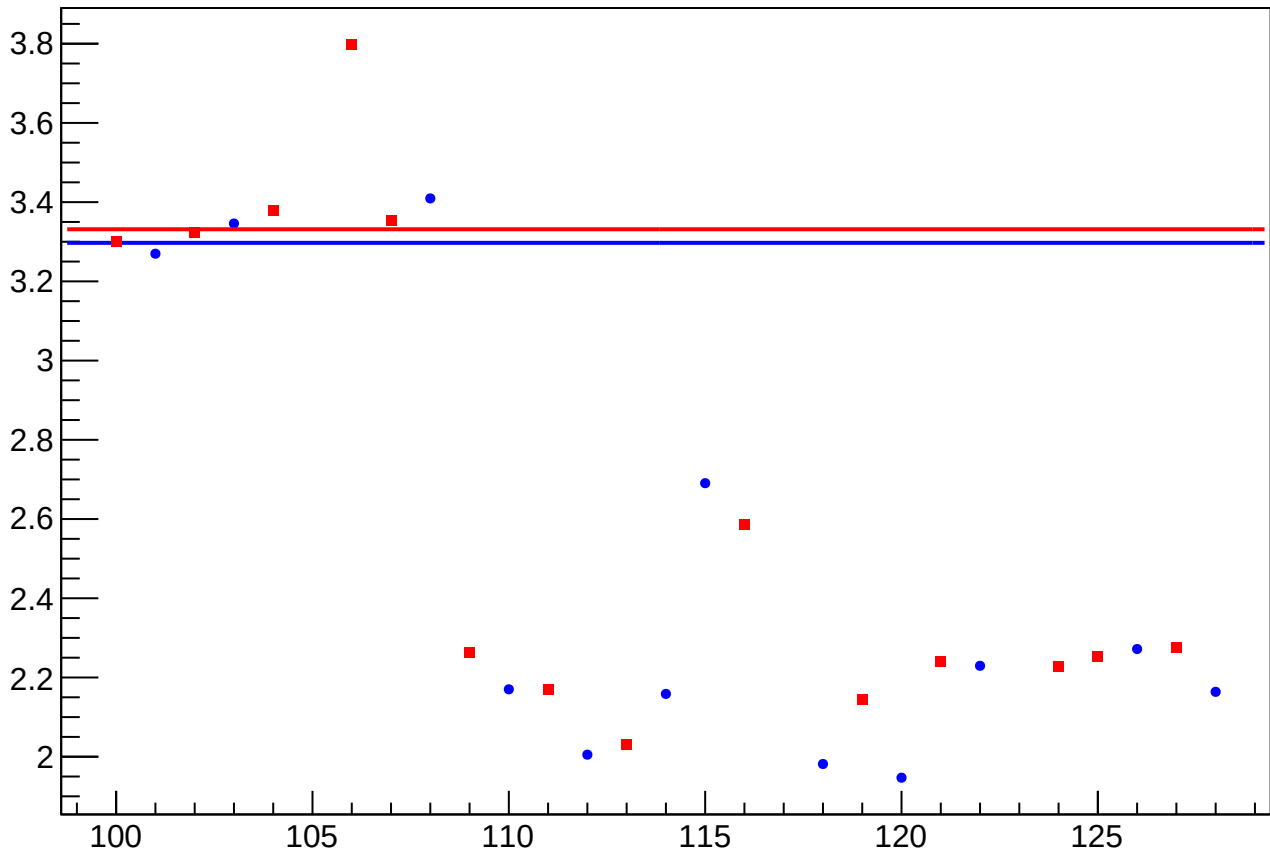
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 12297131.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l03Y_mean vs Slug



Right In: 3.297 $\pm$ 0.000 χ^2 /NDF: 489823394.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.332 $\pm$ 0.000 χ^2 /NDF: 630633669.9/13

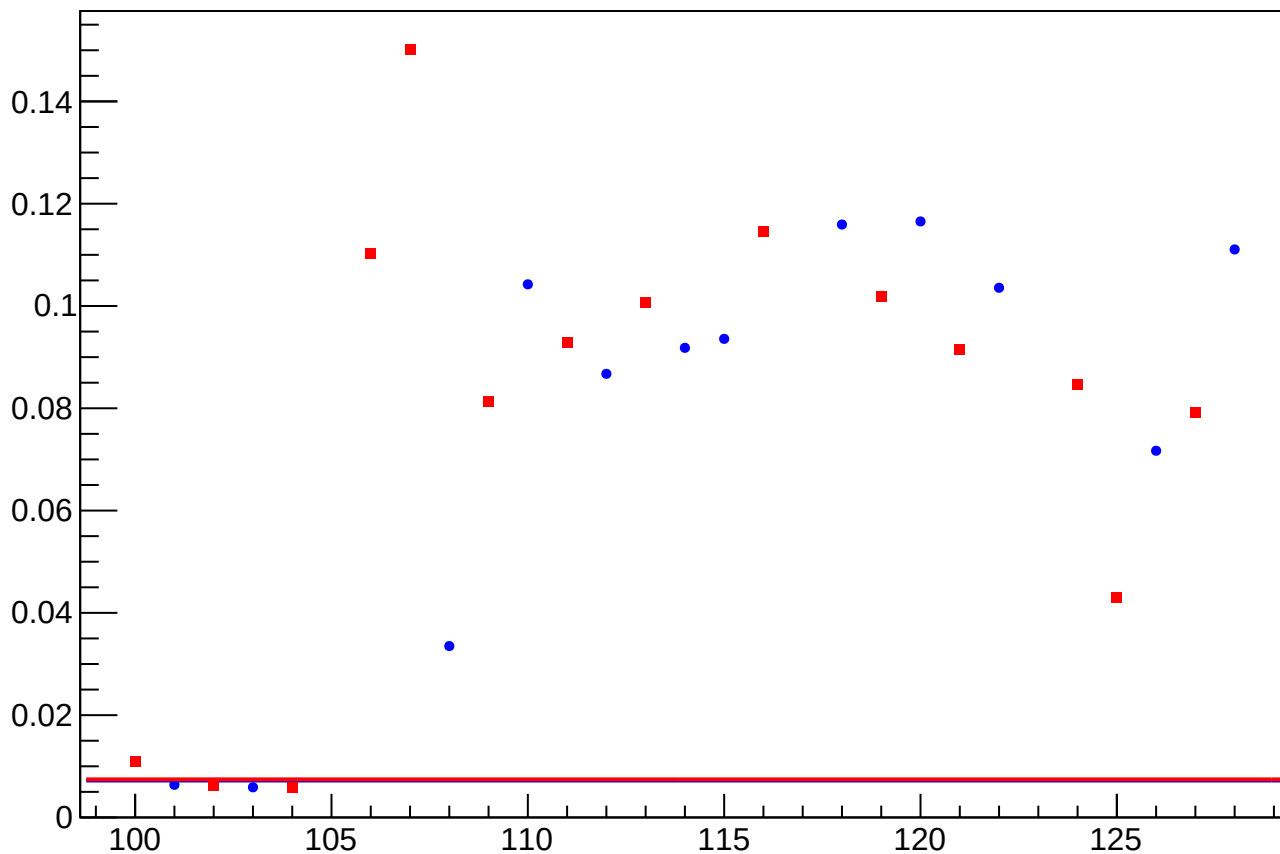
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.314 $\pm$ 0.000 χ^2 /NDF: 1137828661.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l03Y_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 5574196.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 6439391.9/13

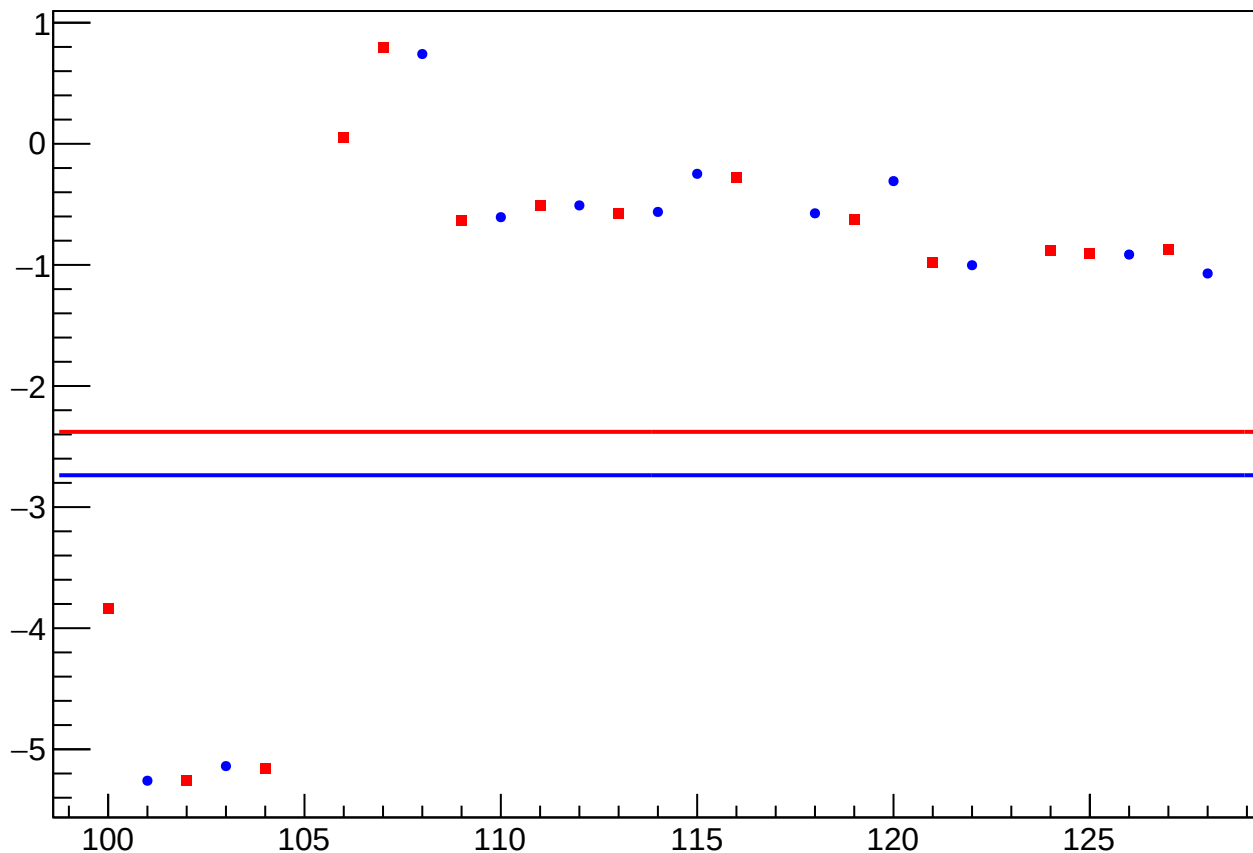
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 12014995.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04X_mean vs Slug



Right In: -2.737+/-0.000 χ^2/NDF : 102891058458.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.379+/-0.000 χ^2/NDF : 112302720169.5/13

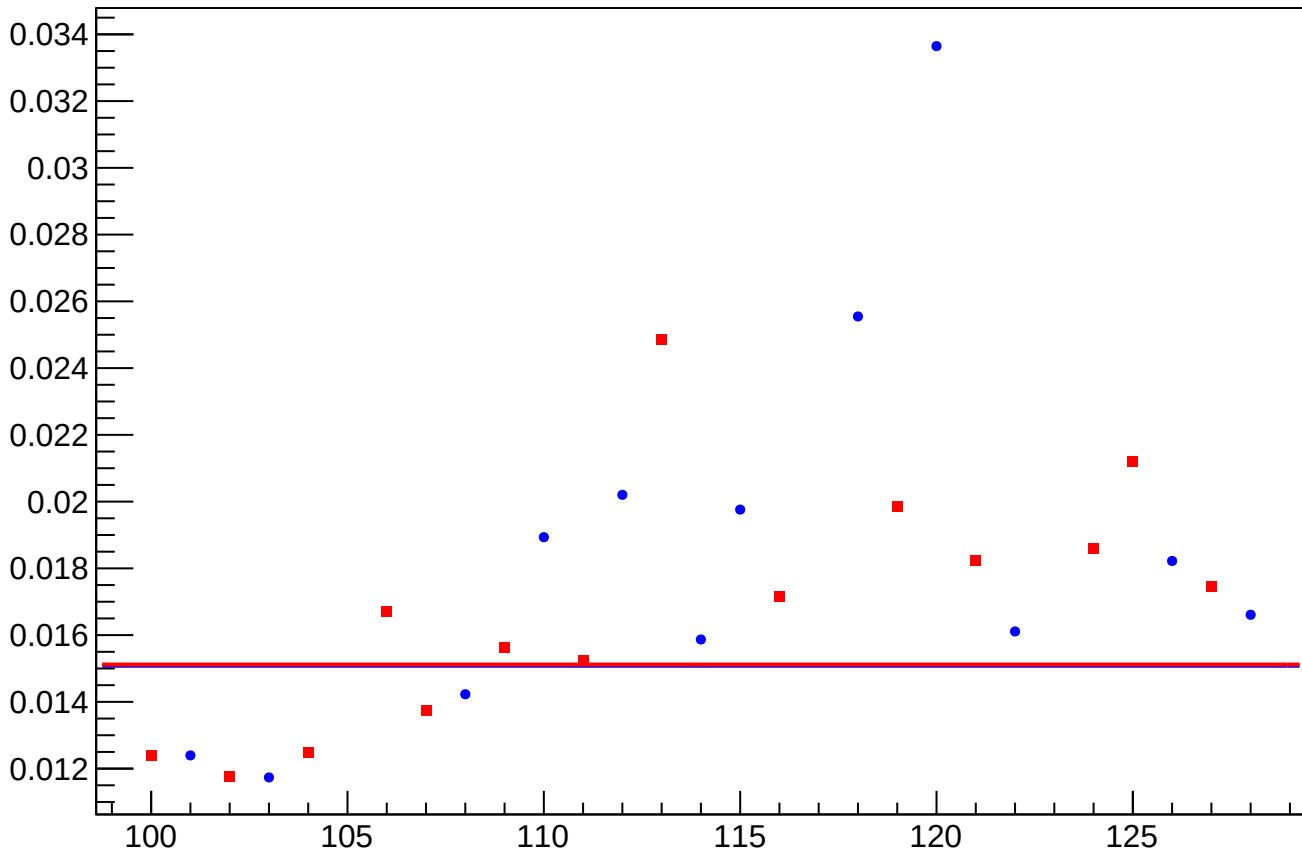
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.545+/-0.000 χ^2/NDF : 216416173514.5

- 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 : 584343.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 423259.5/13

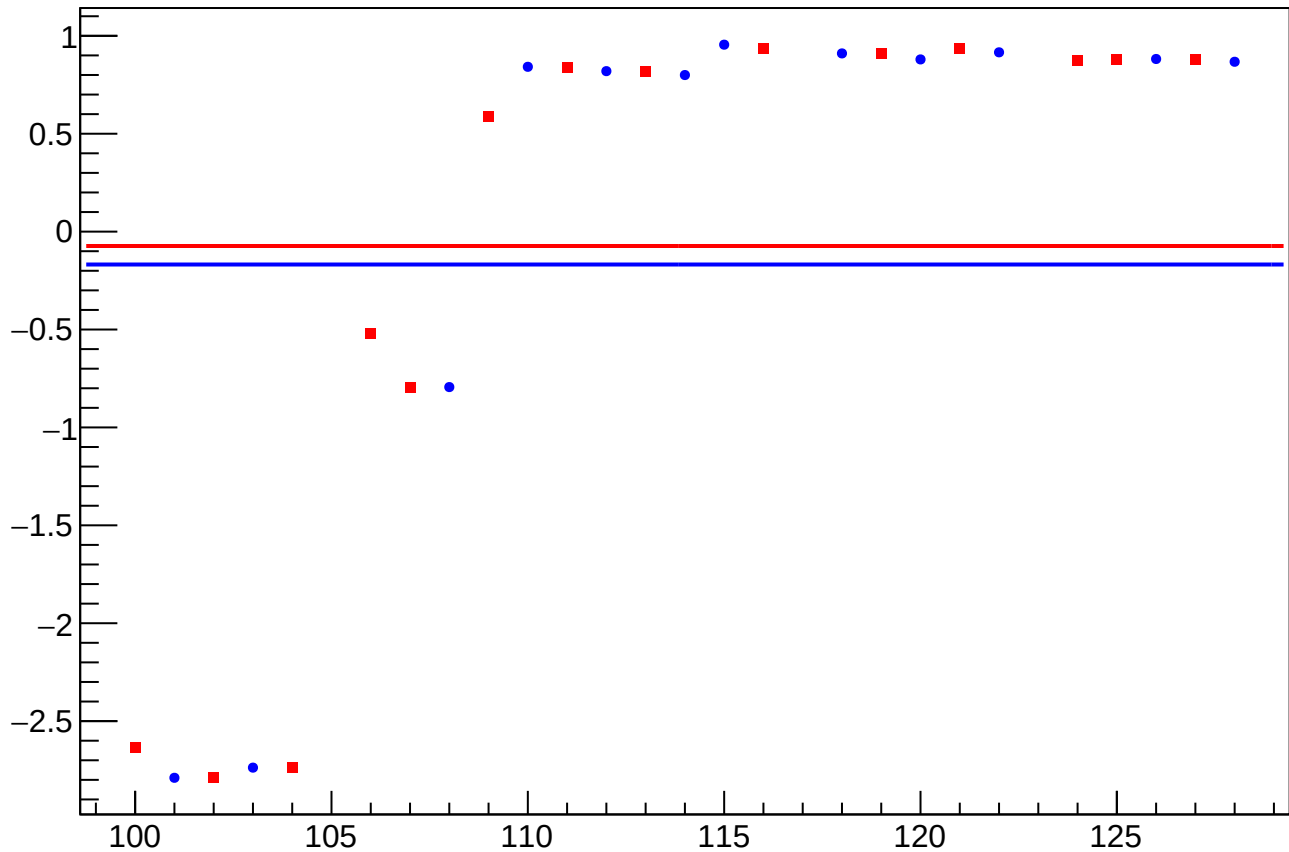
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1007627.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04Y_mean vs Slug



Right In: -0.168+/-0.000 χ^2/NDF : 801835433275.3/11

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

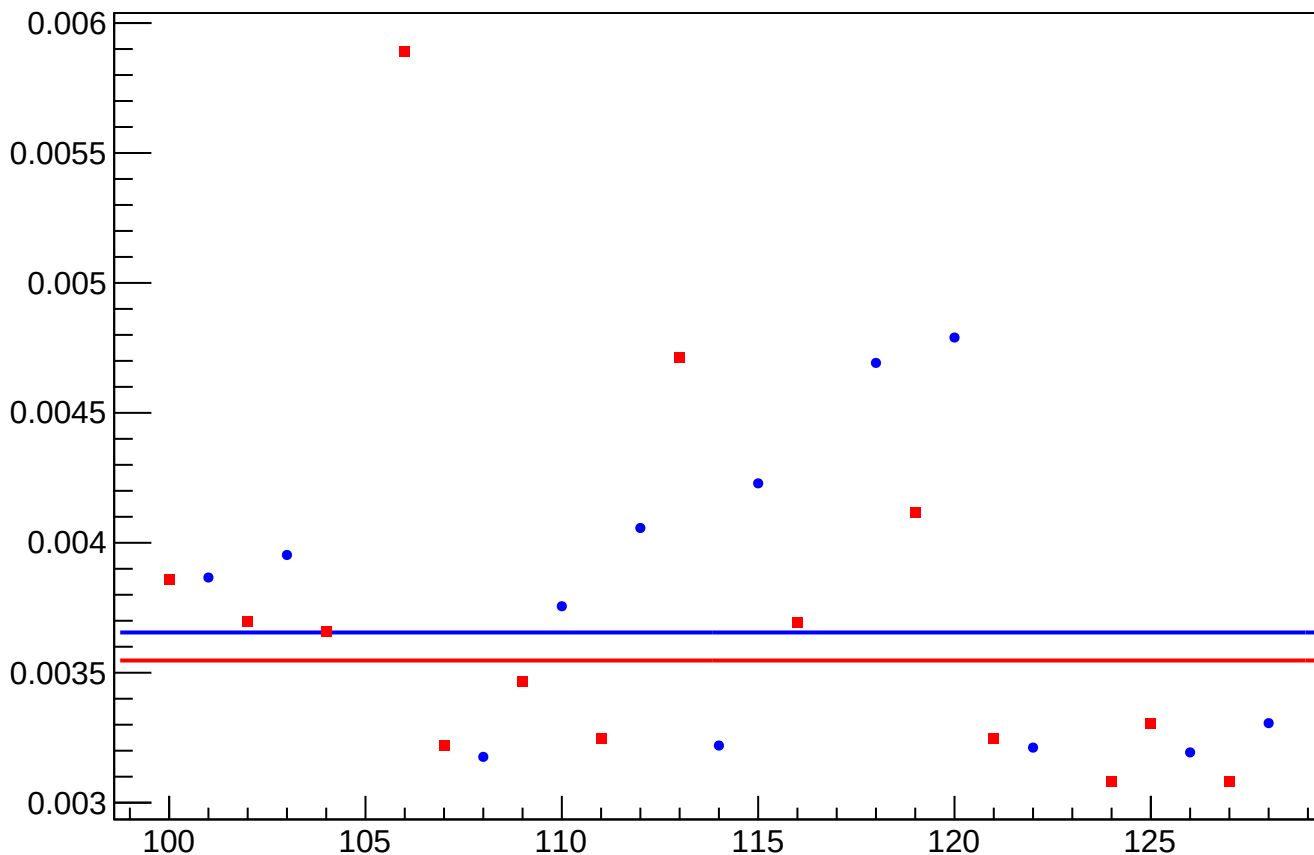
Right Out: -0.073+/-0.000 χ^2/NDF : 899328946182.0/13

All: -0.117+/-0.000 χ^2/NDF : 1702827101849

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04Y_rms vs Slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 169238.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 214091.7/13

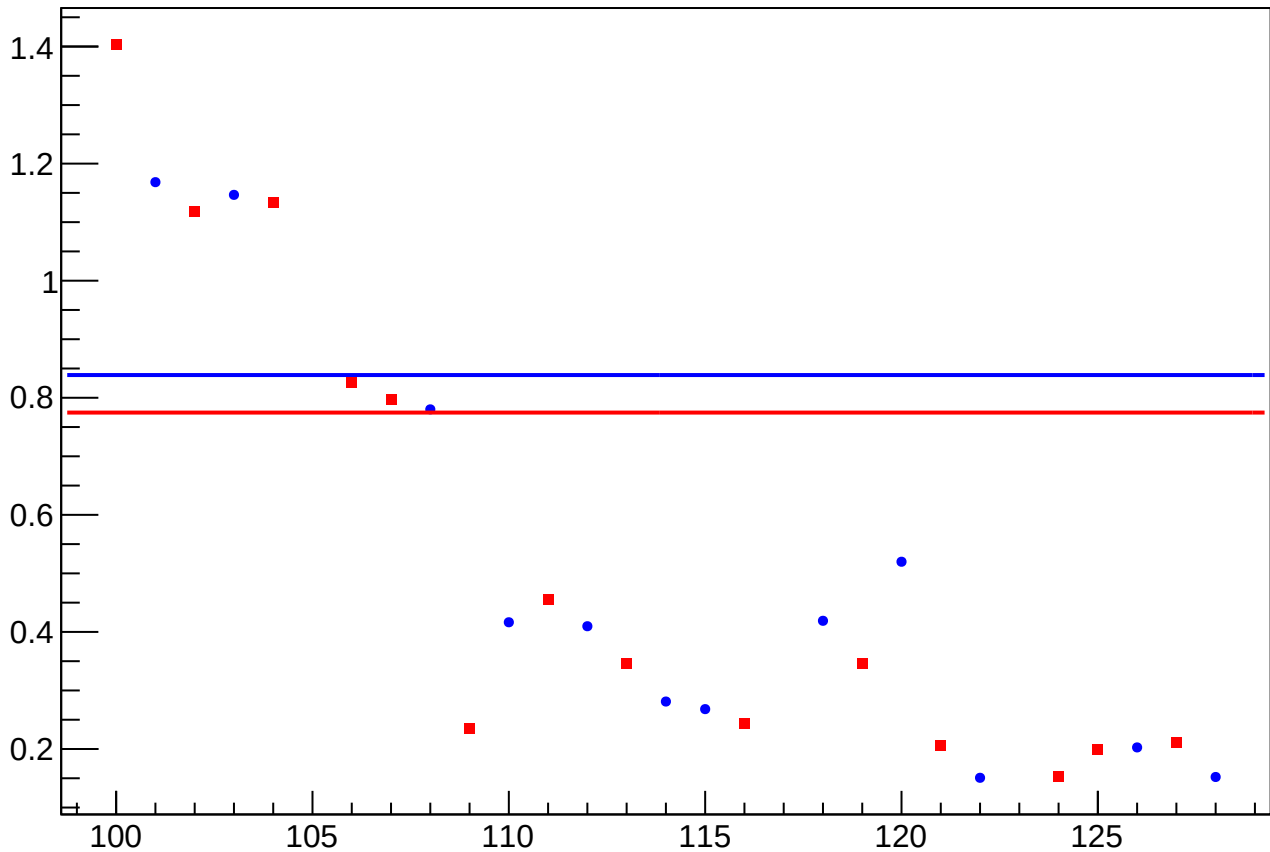
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.000 χ^2 /NDF: 387654.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l05X_mean vs Slug



Right In: 0.839+/-0.000 χ^2/NDF : 20437430912.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.775+/-0.000 χ^2/NDF : 22114289886.0/13

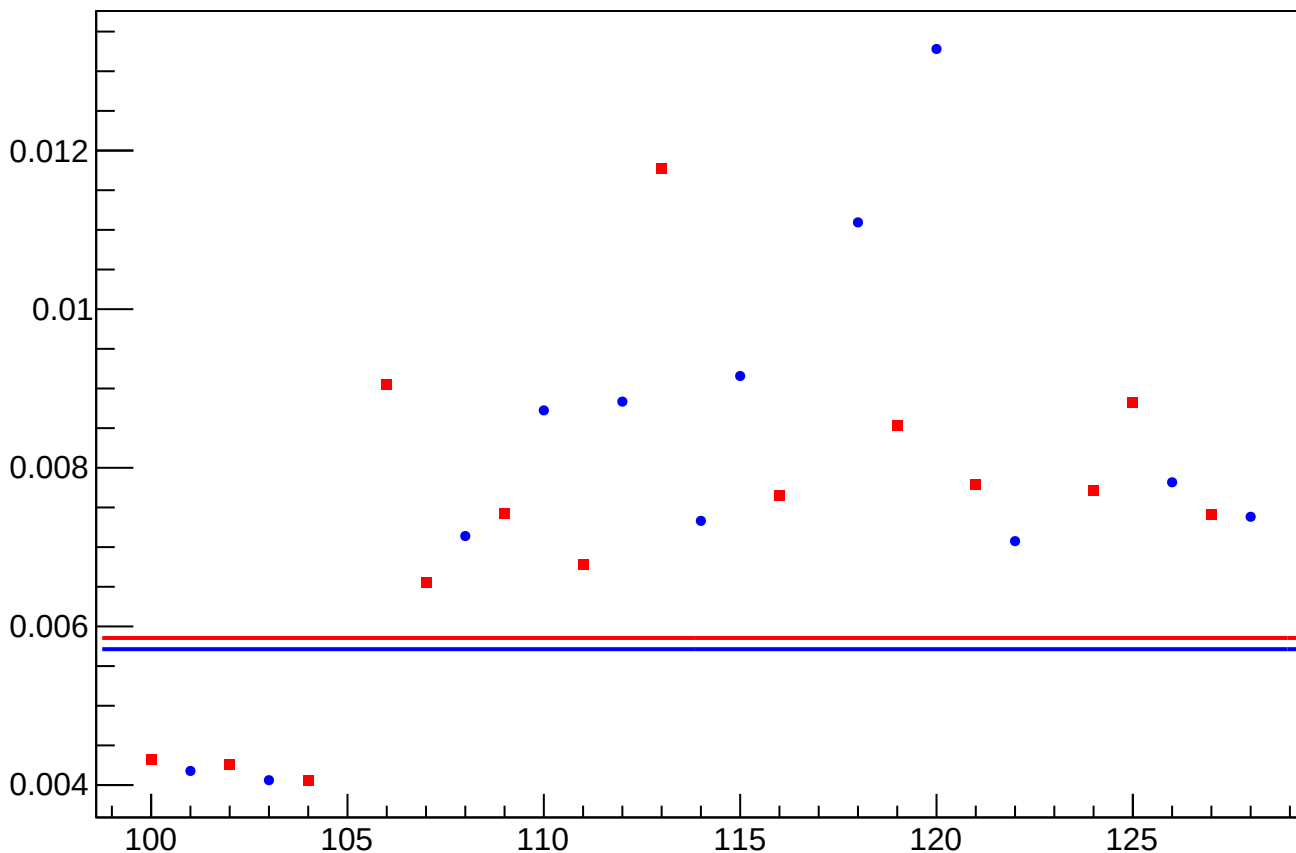
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.805+/-0.000 χ^2/NDF : 42802072410.5/2

- 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 : 1118184.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 966638.9/13

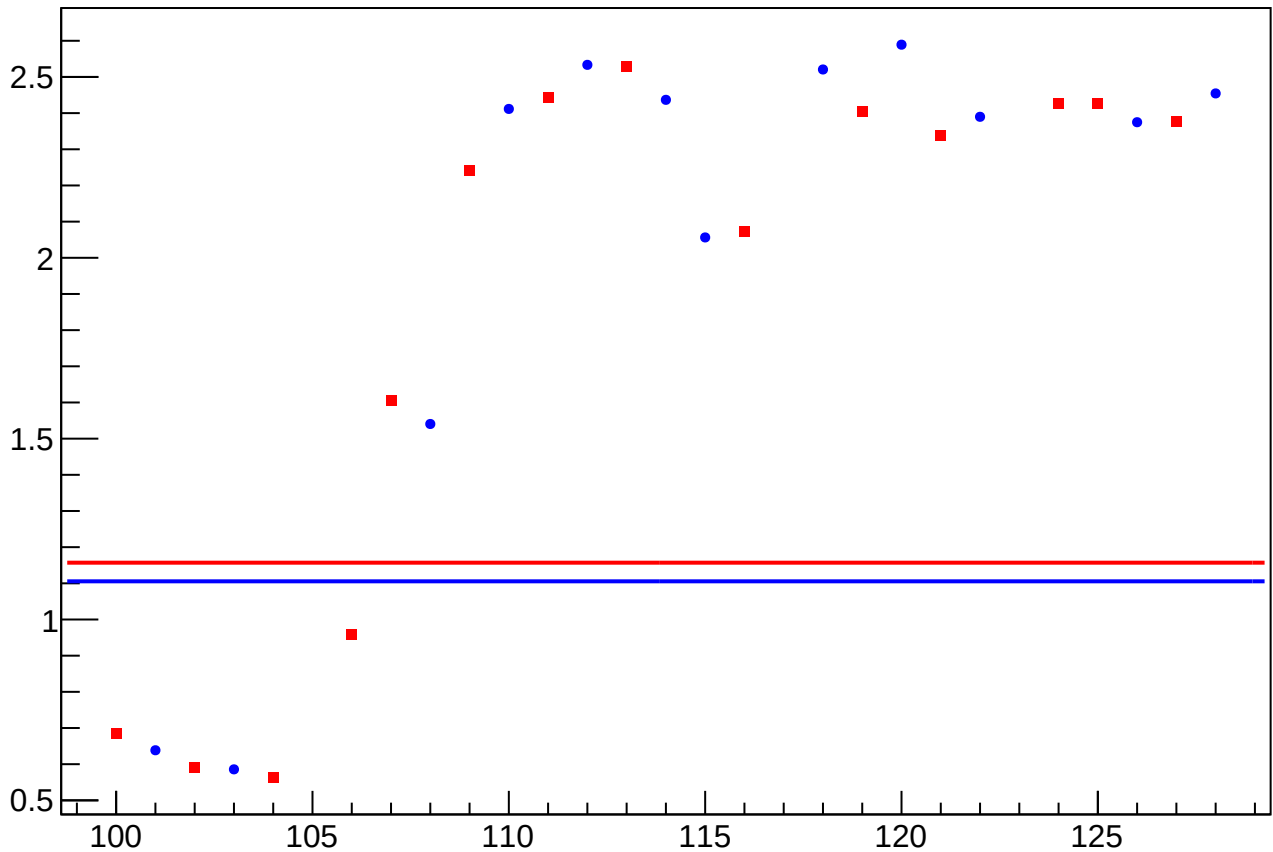
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2087251.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l05Y_mean vs Slug



Right In: 1.106+/-0.000 χ^2/NDF : 76211170268.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.157+/-0.000 χ^2/NDF : 88905667407.5/13

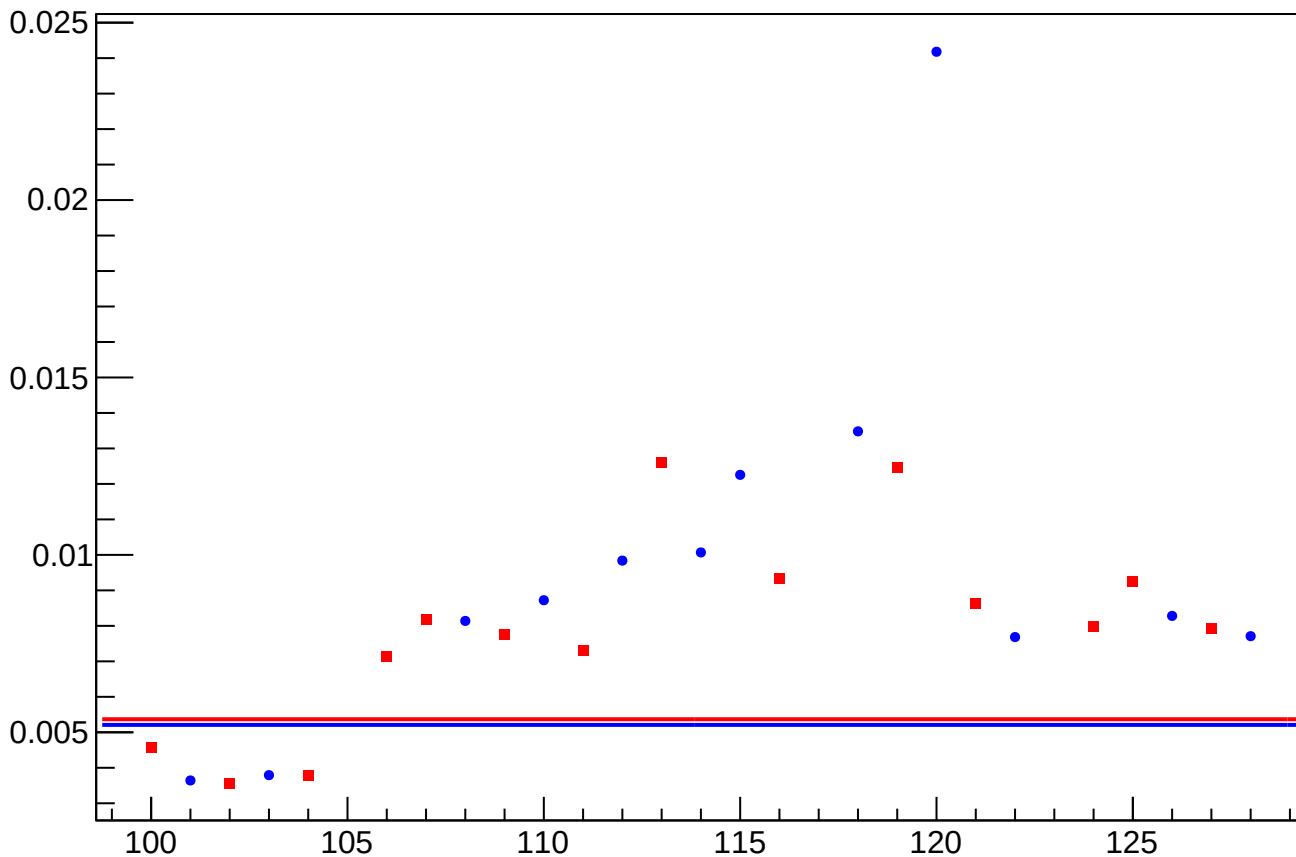
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.132+/-0.000 χ^2/NDF : 165288607957.1

- 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 : 1736135.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1598973.8/13

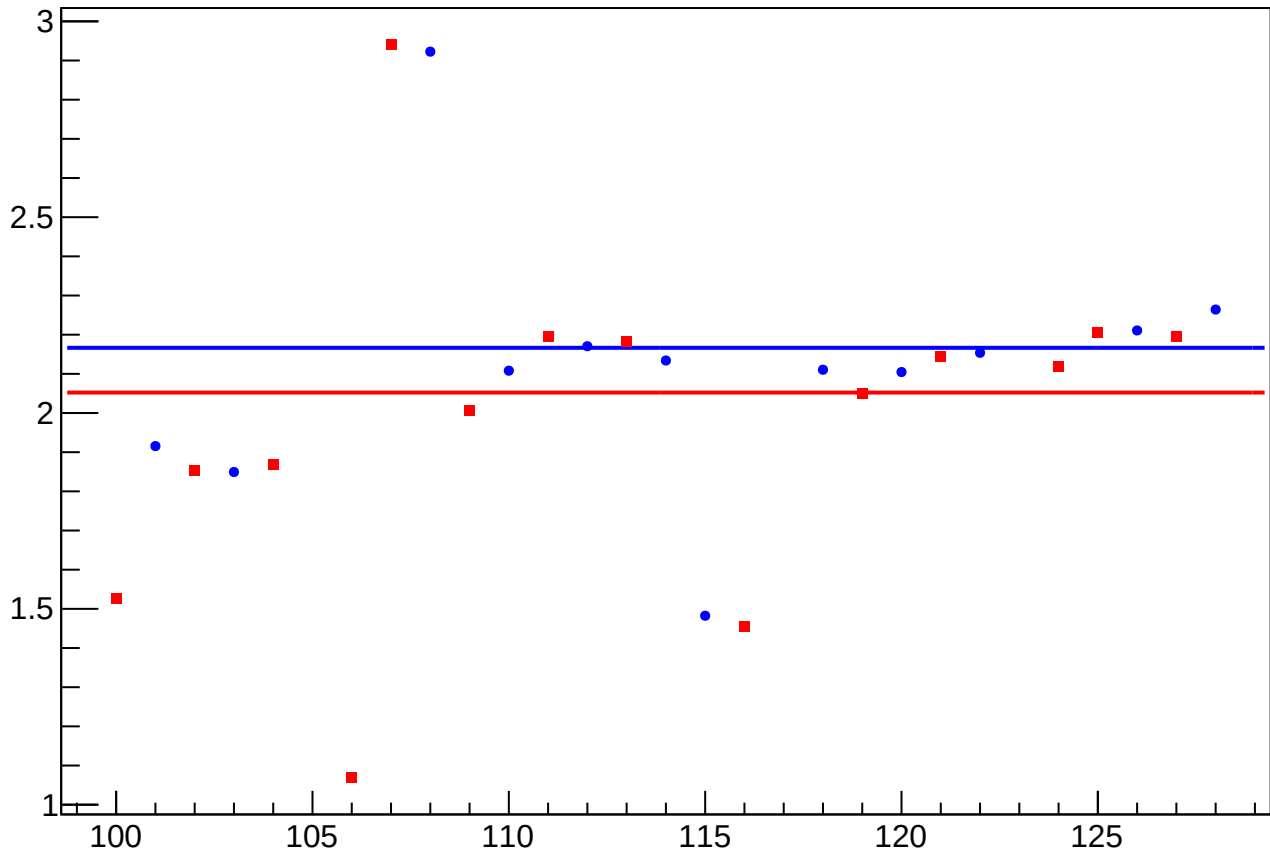
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 3338372.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l06X_mean vs Slug



Right In: 2.167 $\pm$ 0.000 χ^2 /NDF: 9170110866.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.052 $\pm$ 0.000 χ^2 /NDF: 13849670018.6/13

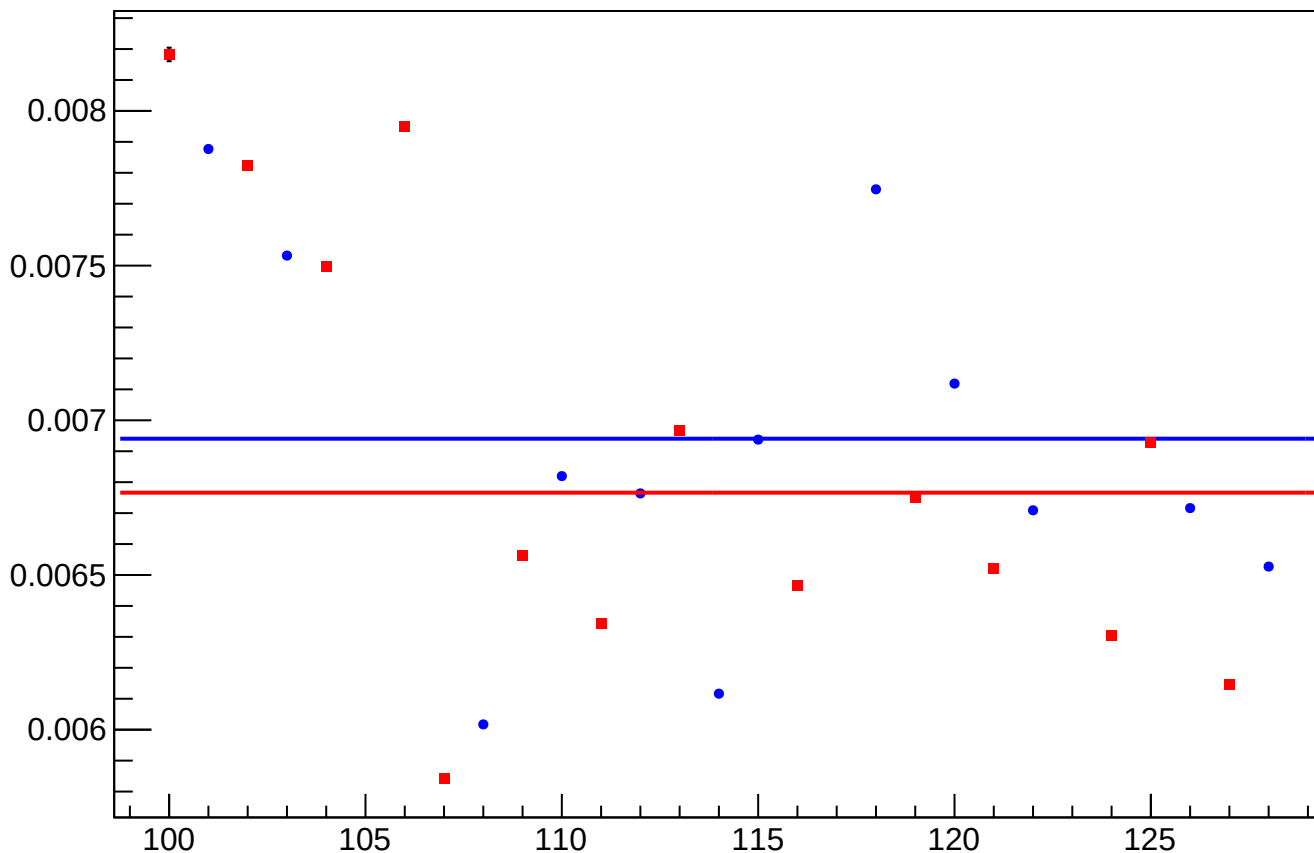
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.105 $\pm$ 0.000 χ^2 /NDF: 23708639868.0/2

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l06X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 64205.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 80017.8/13

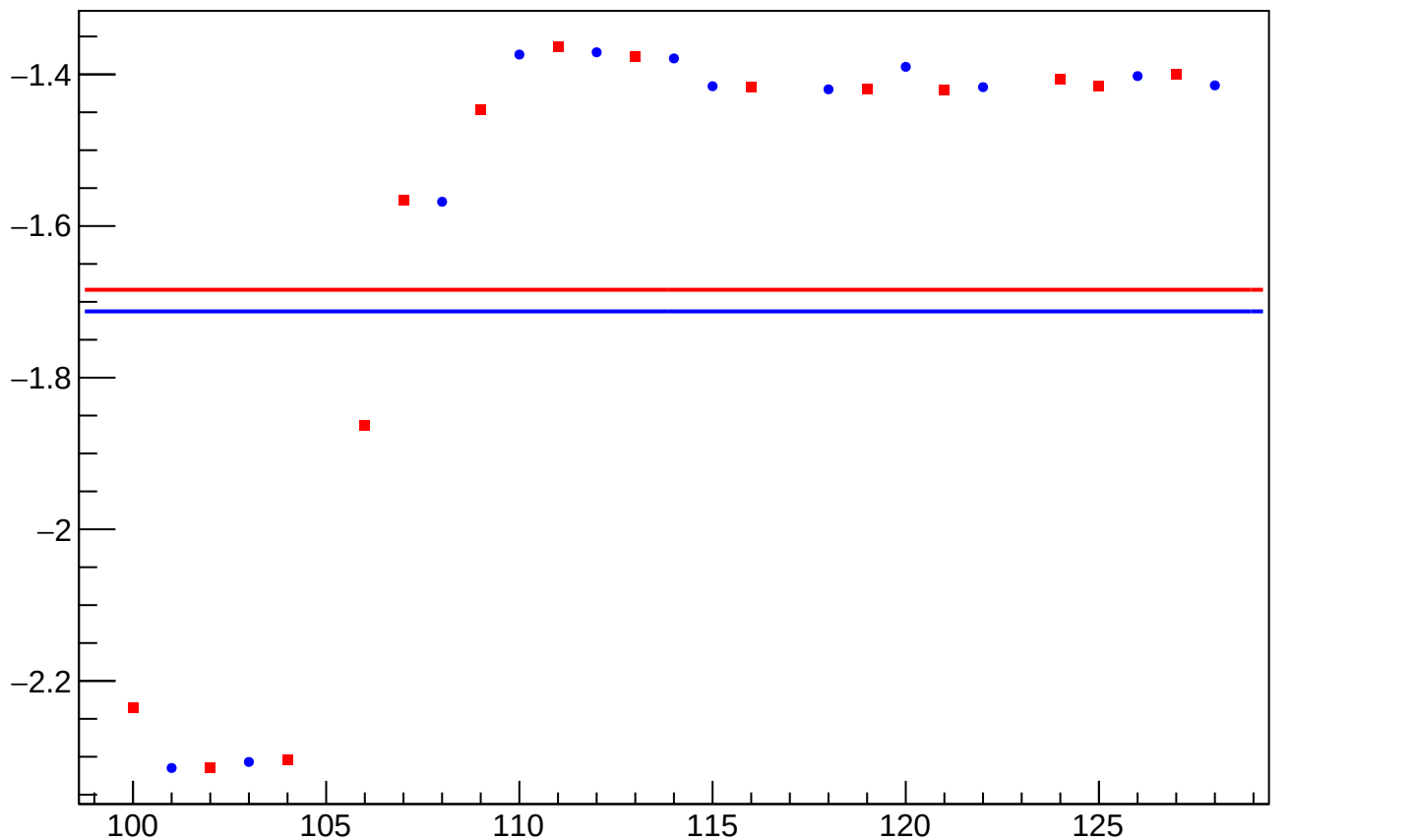
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 147434.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l06Y_mean vs Slug



Right In: -1.713+/-0.000 χ^2/NDF : 112778081236.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.684+/-0.000 χ^2/NDF : 115818163093.2/13

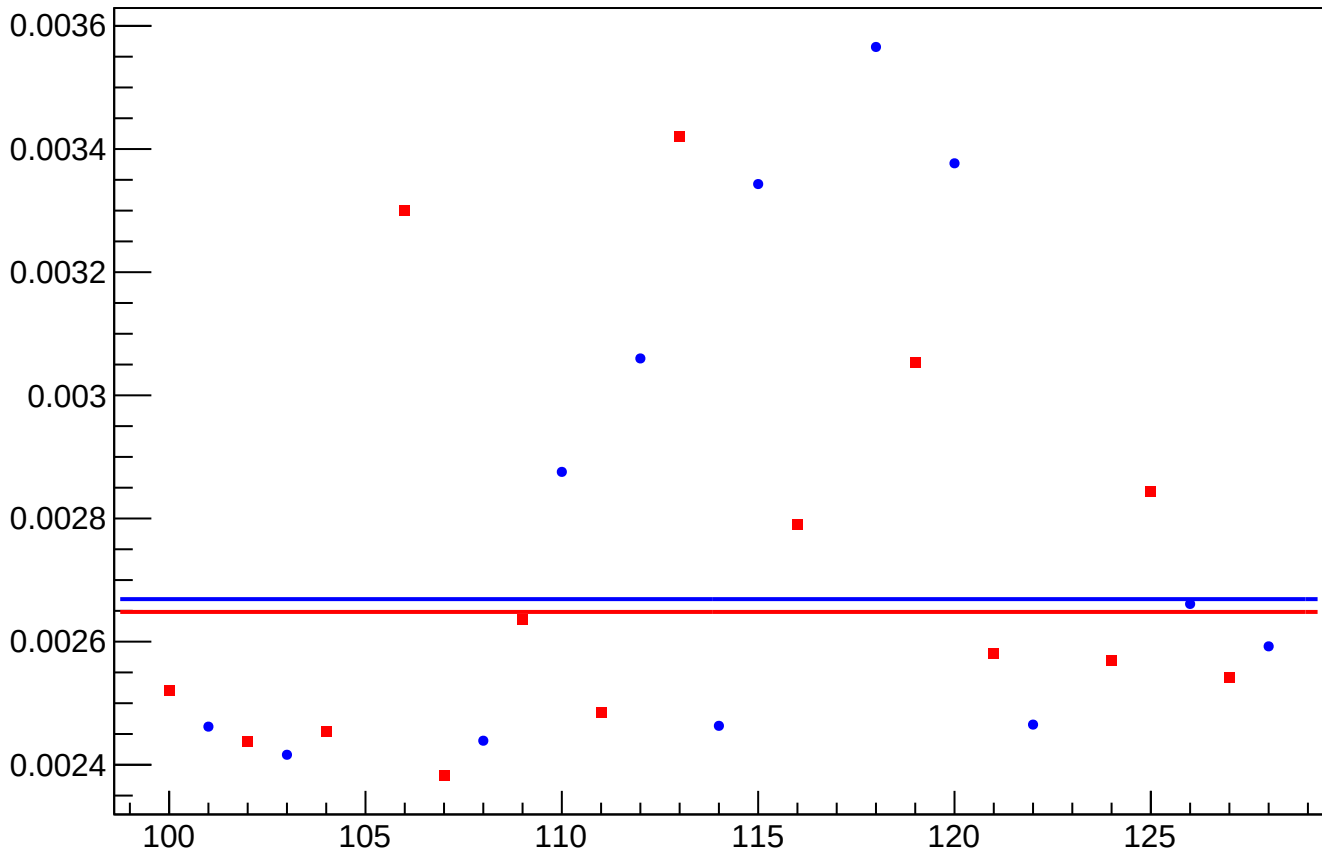
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.697+/-0.000 χ^2/NDF : 228875494828.6

- 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 : 151545.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 113560.6/13

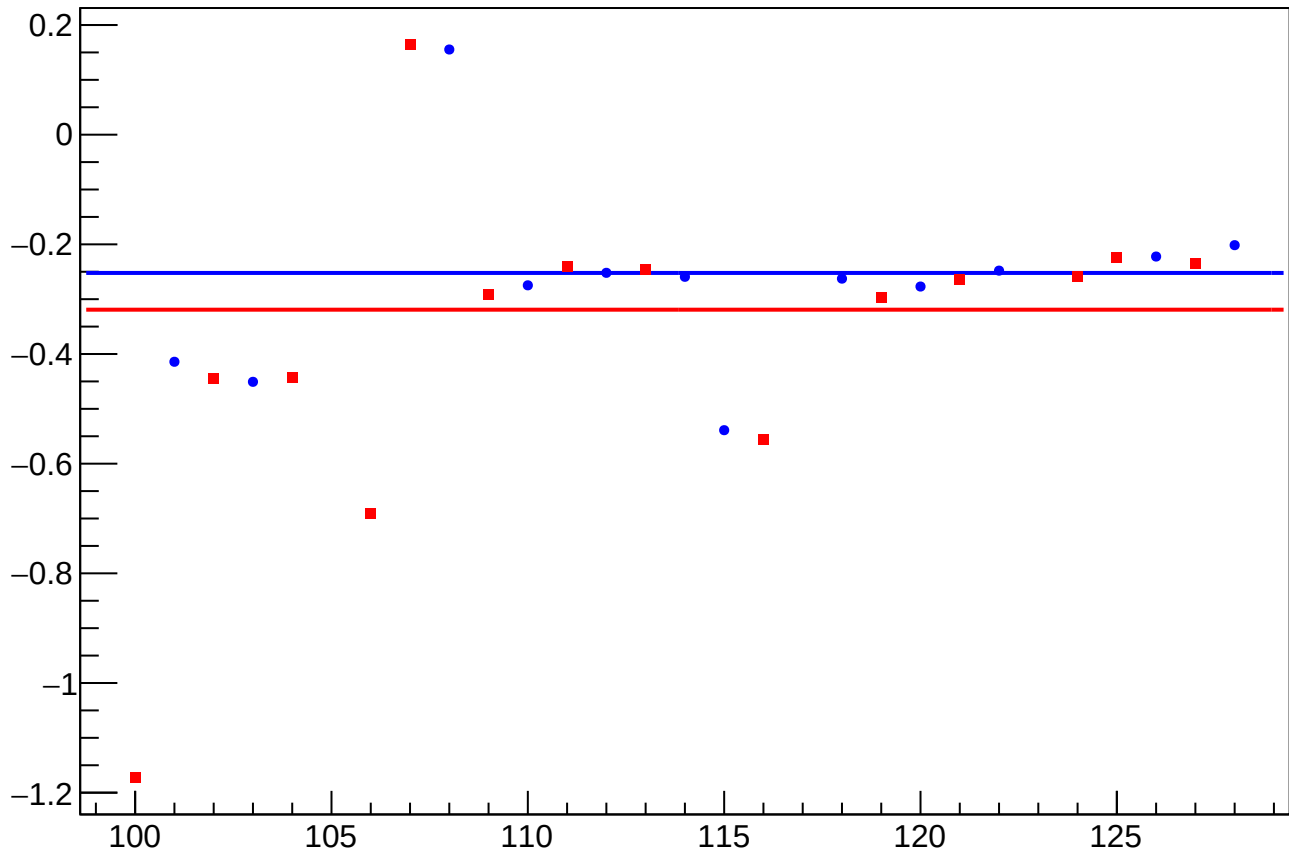
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 265403.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l07X_mean vs Slug



Right In: -0.252+/-0.000 χ^2/NDF : 961597856.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.319+/-0.000 χ^2/NDF : 1627902699.5/13

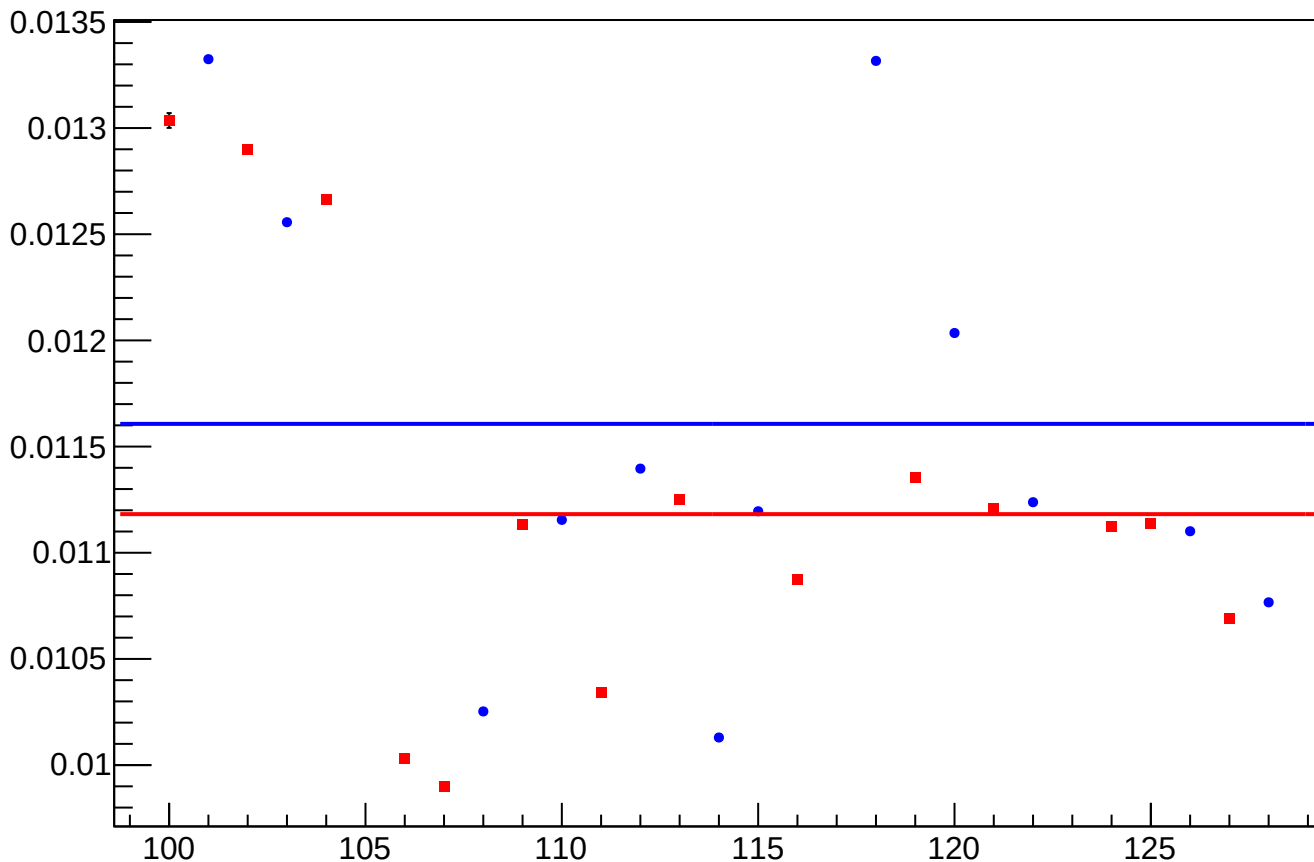
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.289+/-0.000 χ^2/NDF : 2676881293.5/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l07X_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 73964.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 63555.9/13

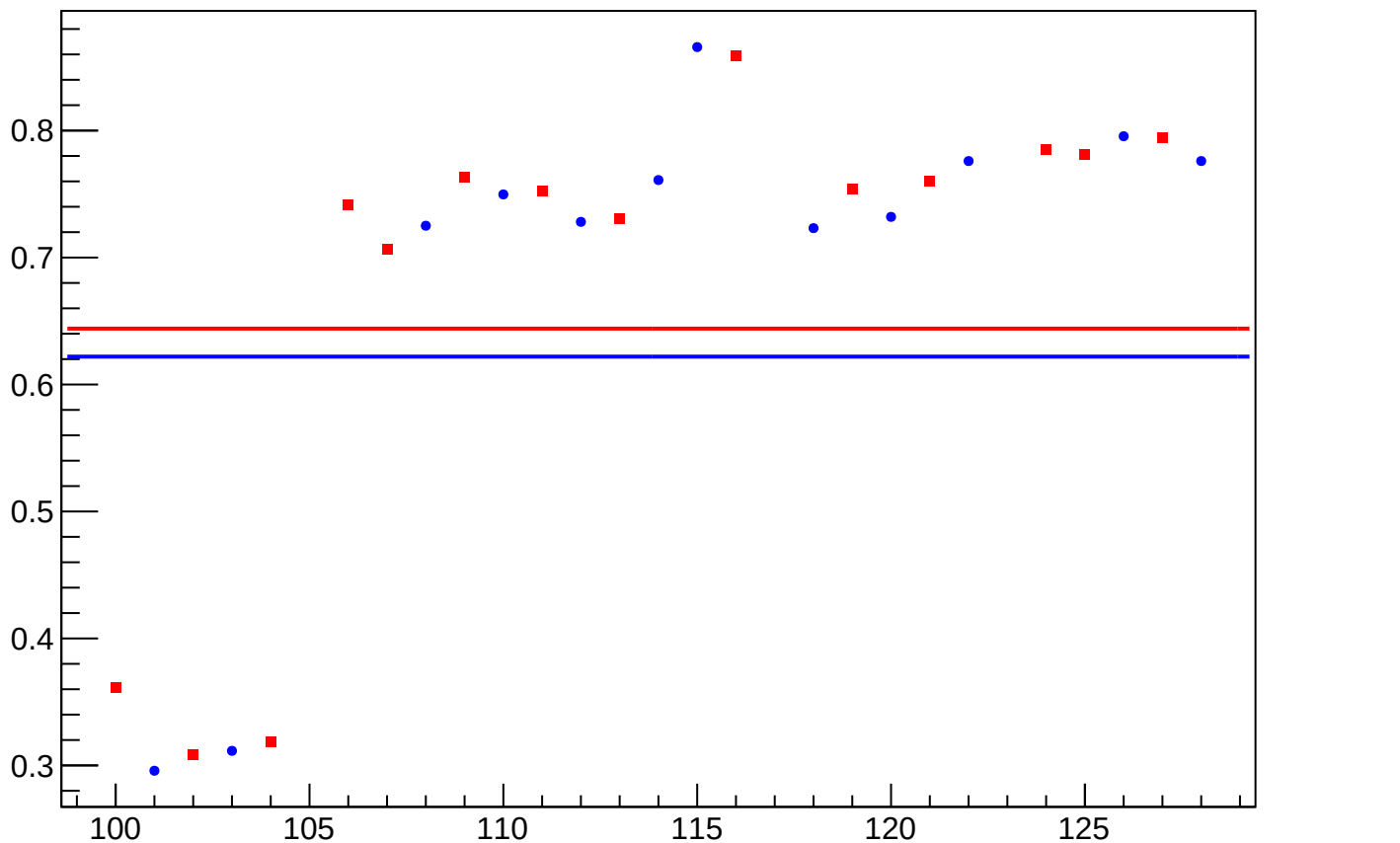
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 144551.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l07Y_mean vs Slug



Right In: 0.622+/-0.000 χ^2/NDF : 31548941305.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.644+/-0.000 χ^2/NDF : 31430529229.8/13

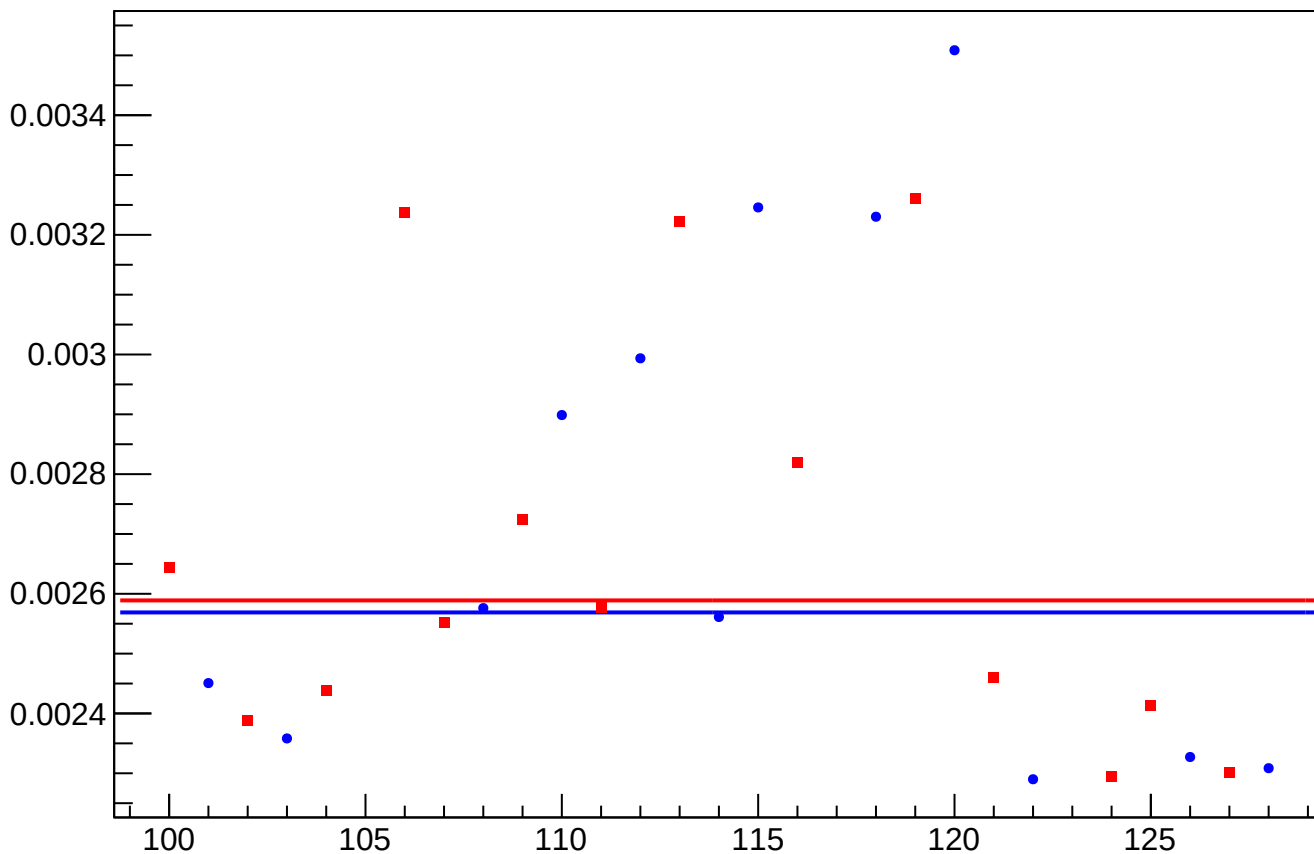
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.633+/-0.000 χ^2/NDF : 63157674555.7/2

- 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 : 169647.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 139541.8/13

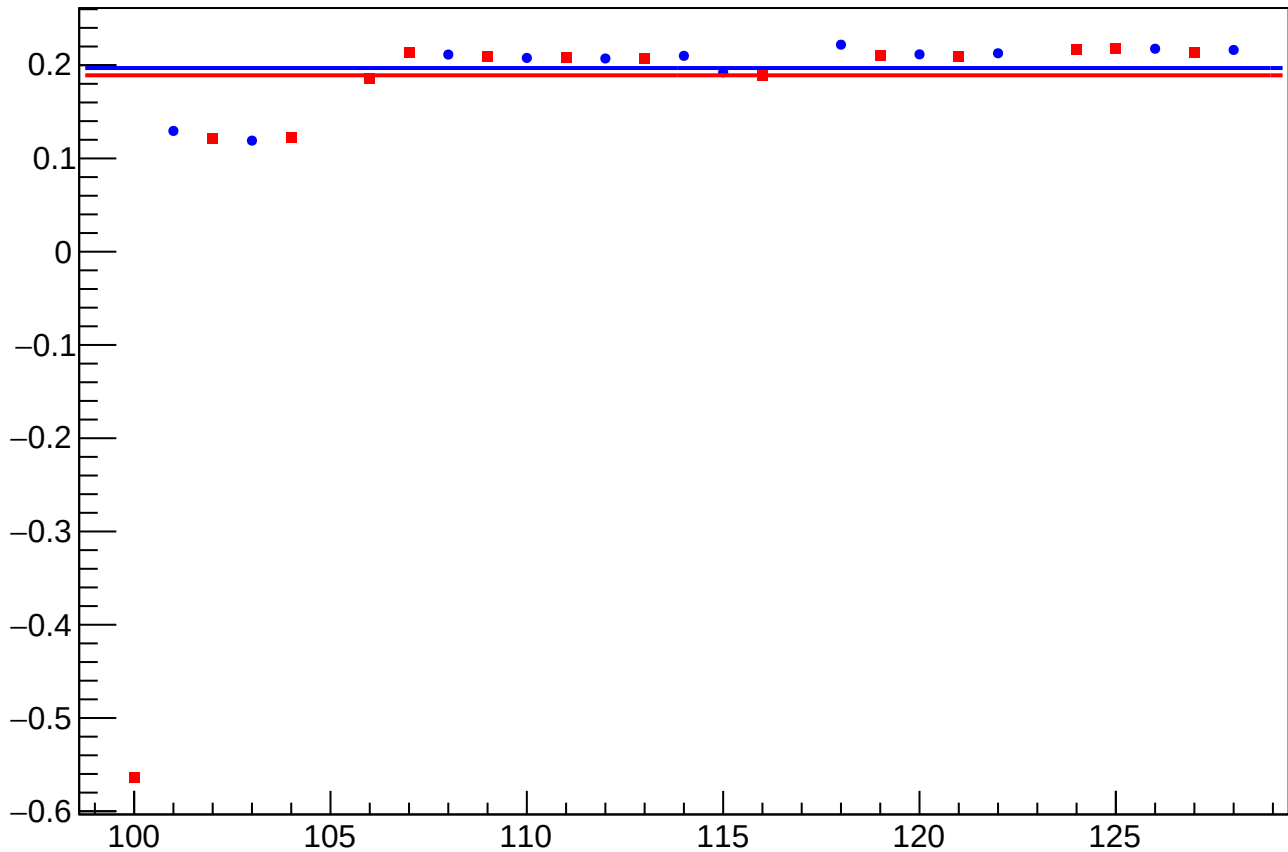
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 309485.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l08X_mean vs Slug



Right In: 0.197 $\pm$ 0.000 χ^2 /NDF: 55101457.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.189 $\pm$ 0.000 χ^2 /NDF: 342880598.5/13

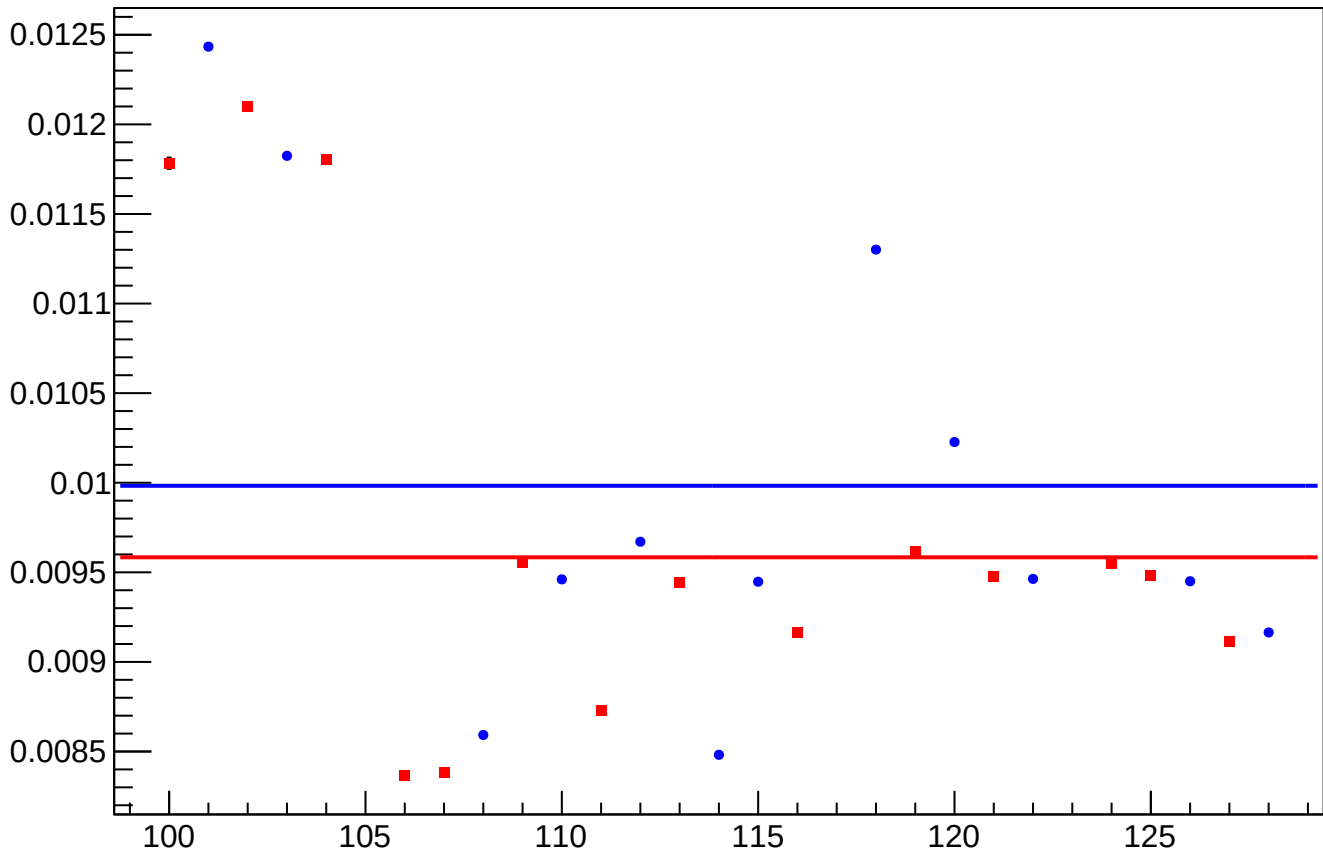
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.193 $\pm$ 0.000 χ^2 /NDF: 399568527.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l08X_rms vs Slug



Right In: 0.010 $\pm$ 0.000 χ^2 /NDF: 136221.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 129960.1/13

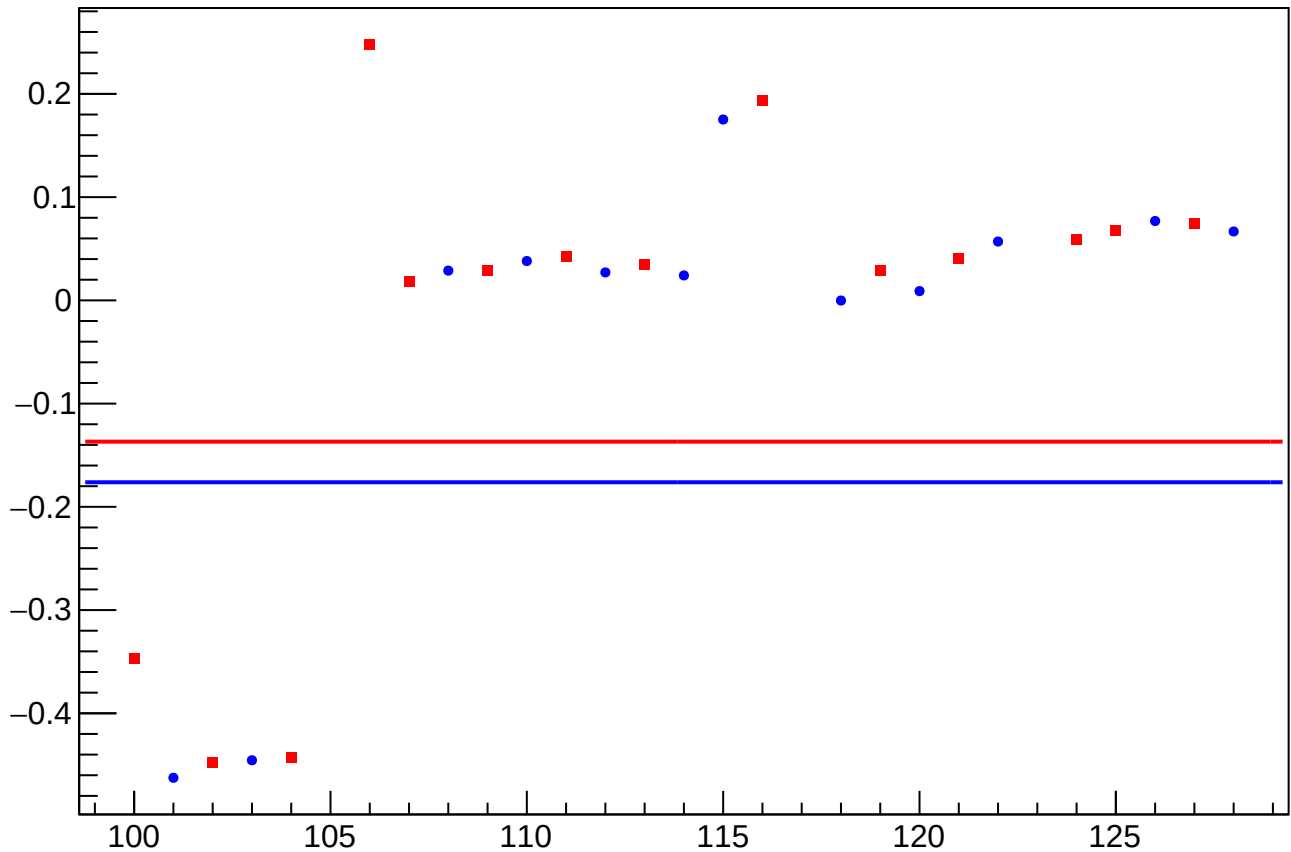
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.000 χ^2 /NDF: 274516.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l08Y_mean vs Slug



Right In: -0.176+/-0.000 χ^2/NDF : 13367956693.6/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.137+/-0.000 χ^2/NDF : 14400015968.4/13

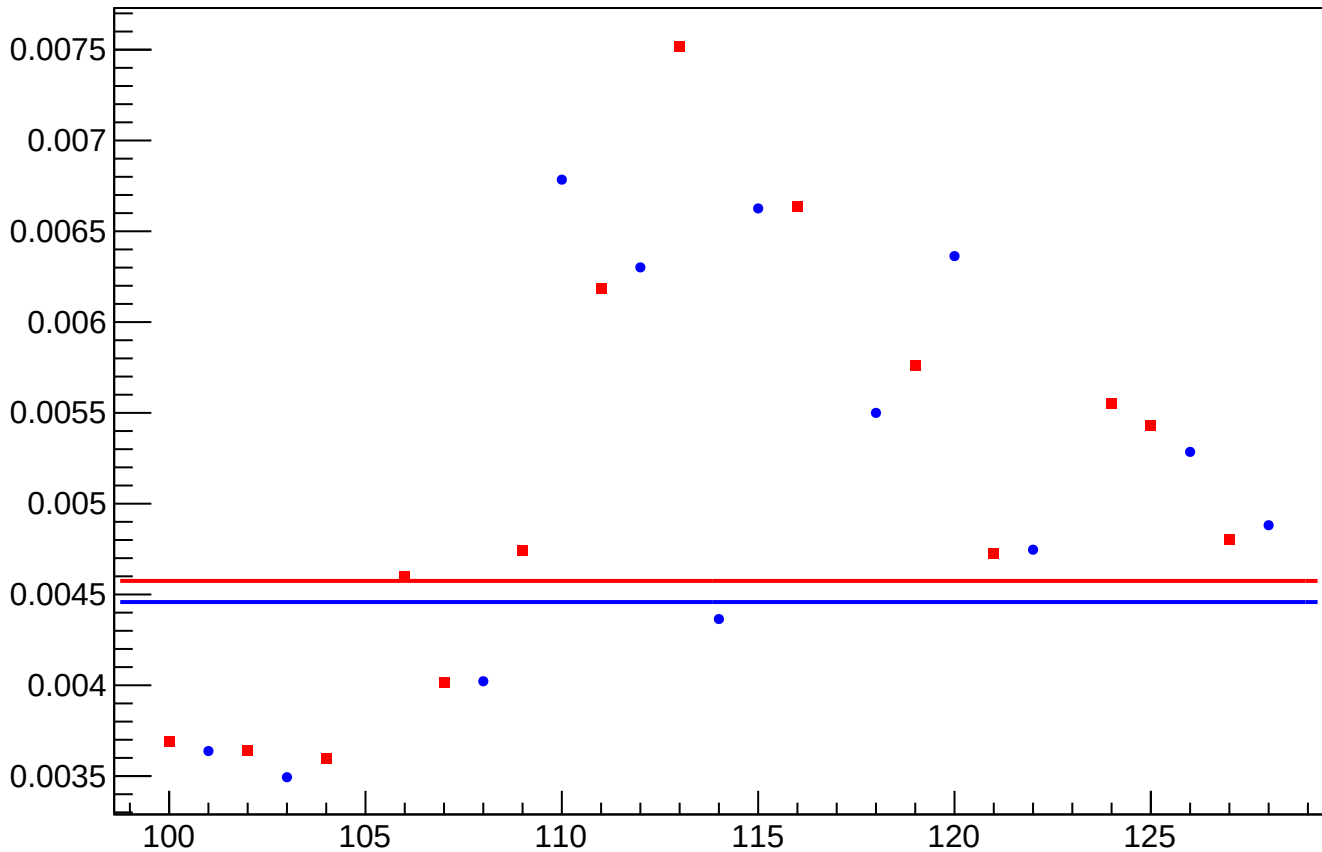
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.156+/-0.000 χ^2/NDF : 27940859217.3/

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l08Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 460291.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 481318.7/13

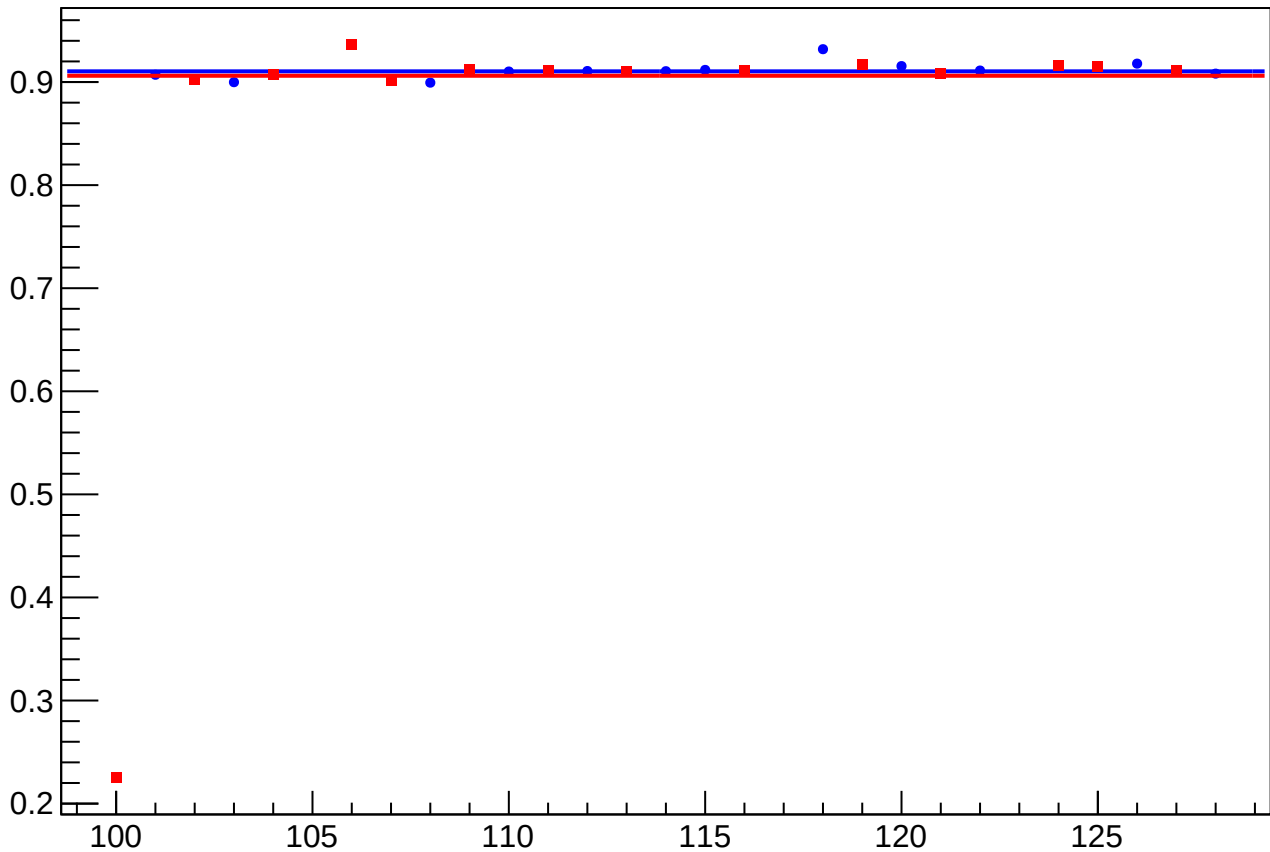
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 944636.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l09X_mean vs Slug



Right In: 0.910+/-0.000 χ^2/NDF : 2600460.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.906+/-0.000 χ^2/NDF : 218234809.7/13

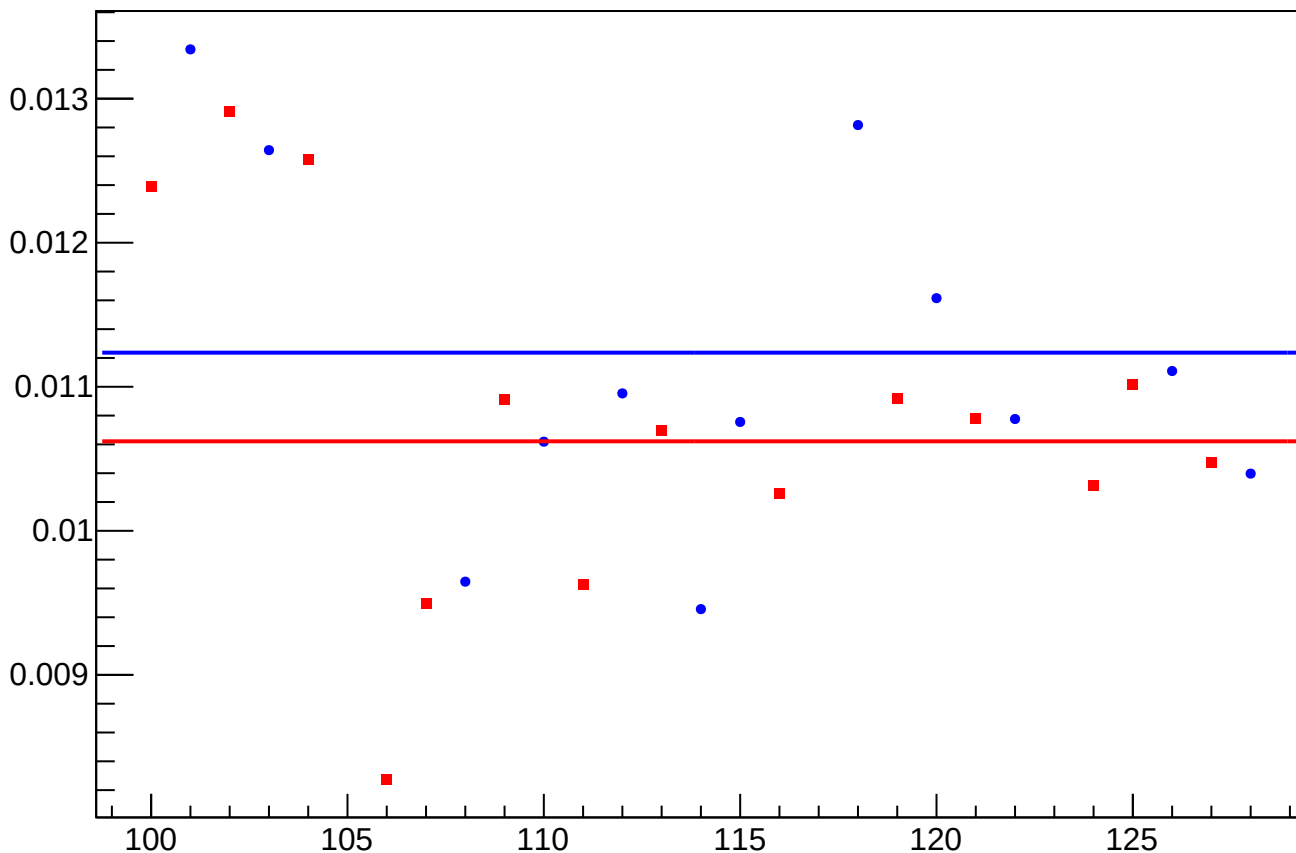
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.908+/-0.000 χ^2/NDF : 221219980.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l09X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 102427.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 136491.9/13

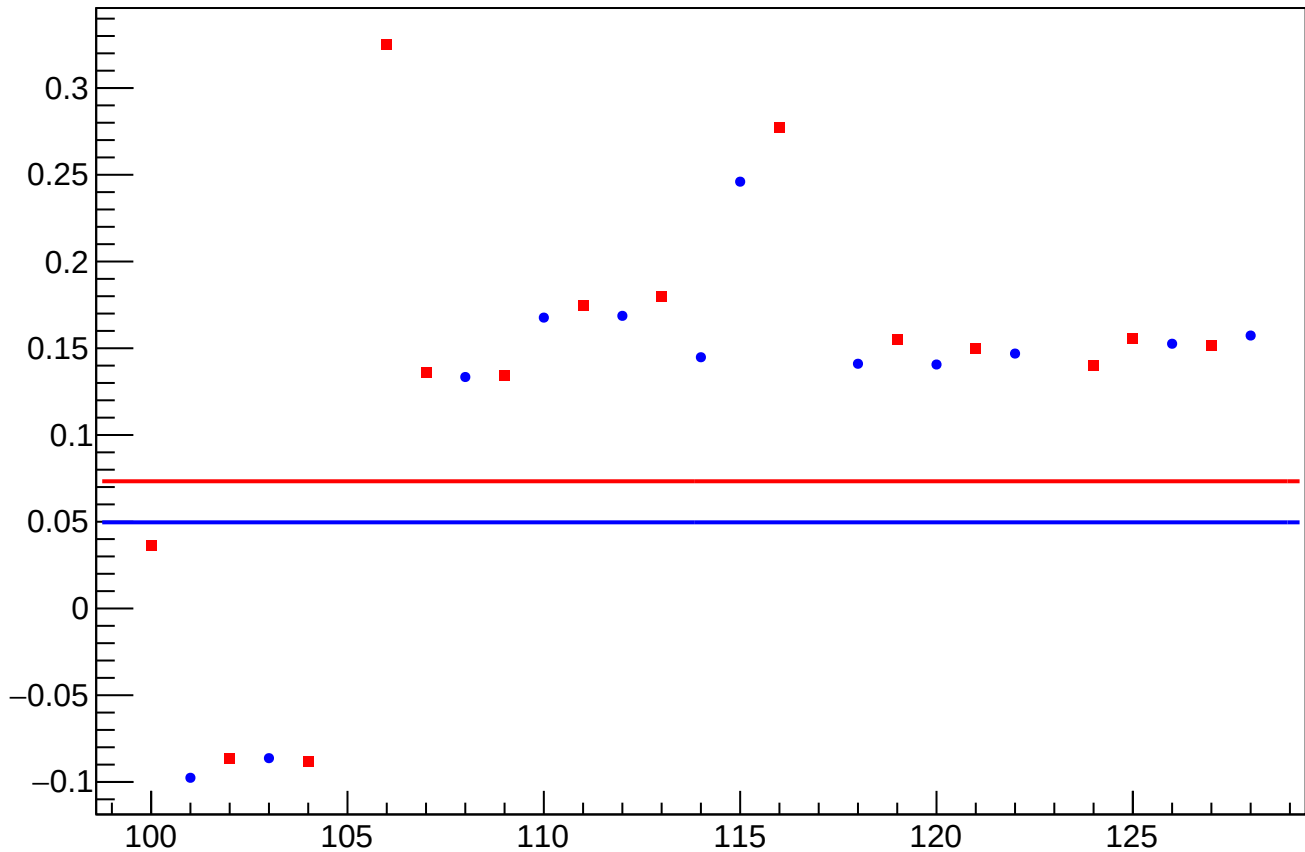
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 254772.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l09Y_mean vs Slug



Right In: 0.050+/-0.000 χ^2/NDF : 2724044534.9/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.073+/-0.000 χ^2/NDF : 3242476792.0/13

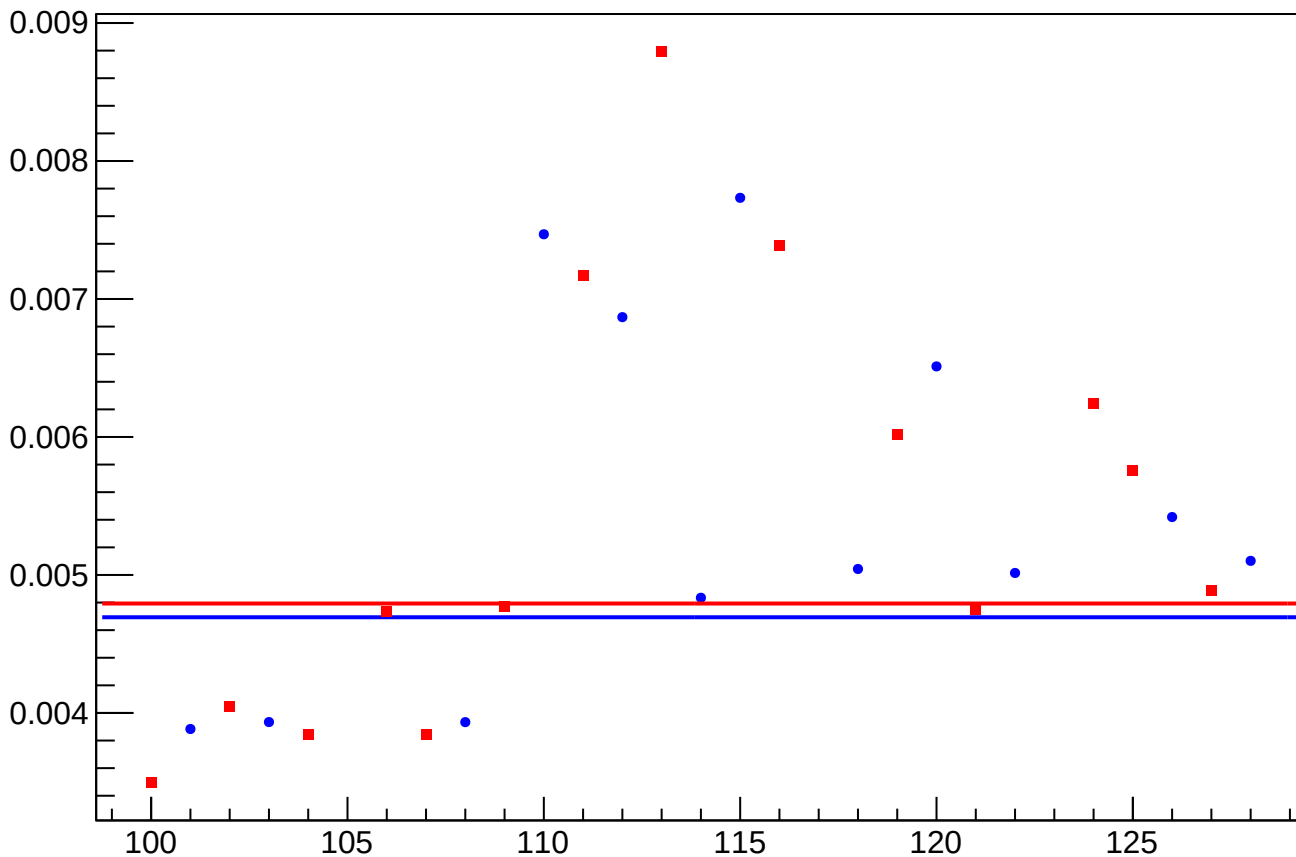
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.062+/-0.000 χ^2/NDF : 6021050170.2/25

- 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 : 409917.0/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 543456.1/13

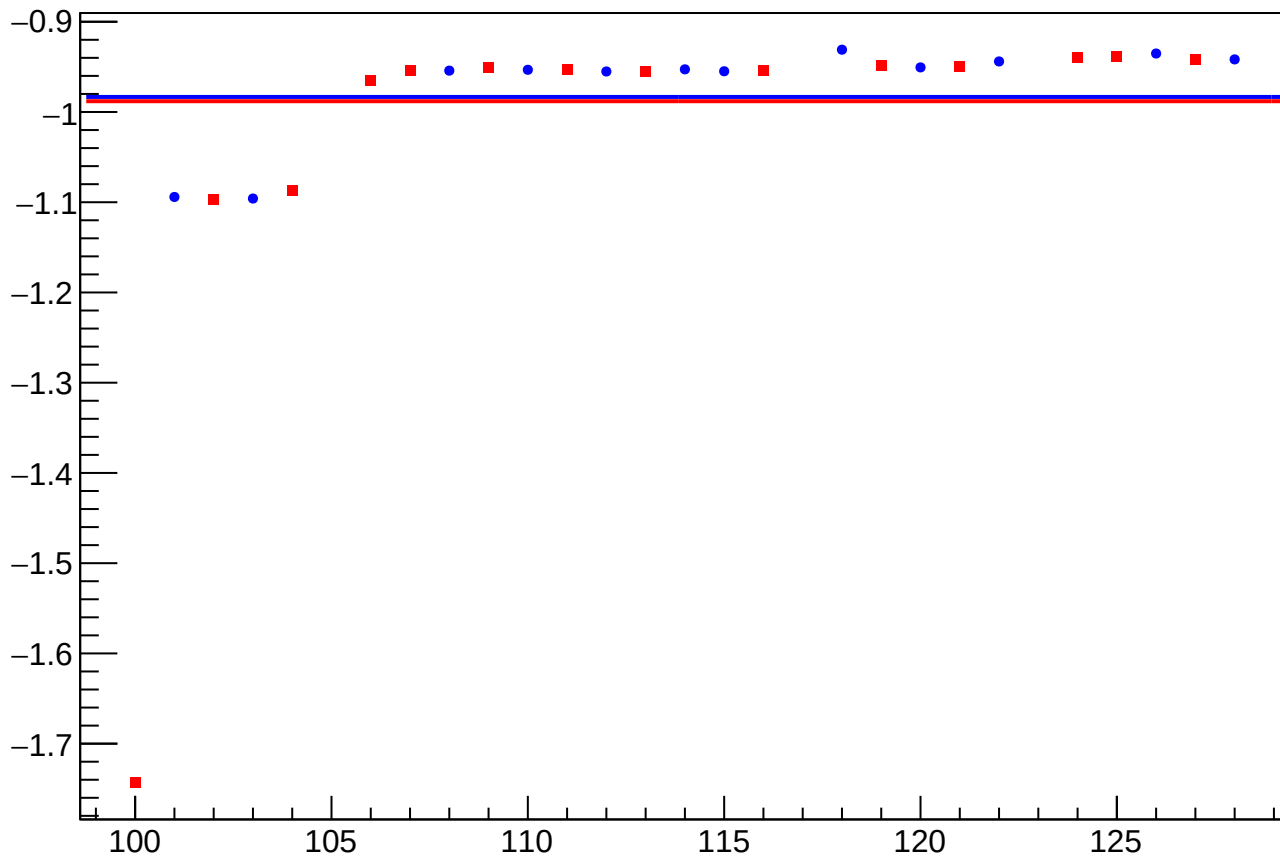
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 955302.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l10X_mean vs Slug



Right In: -0.983+/-0.000 χ^2/NDF : 135232054.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.988+/-0.000 χ^2/NDF : 431151663.9/13

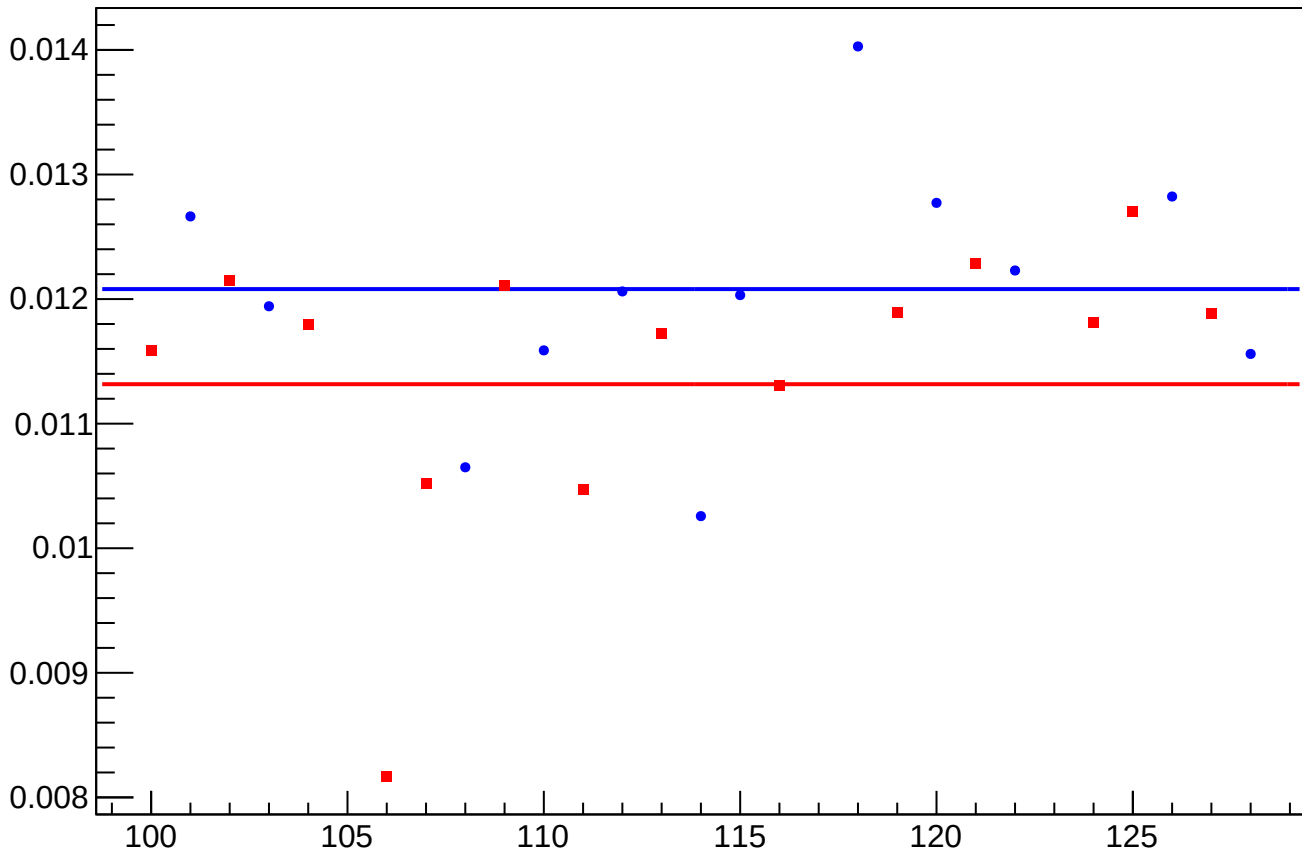
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.986+/-0.000 χ^2/NDF : 566794567.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l10X_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 50661.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 133133.5/13

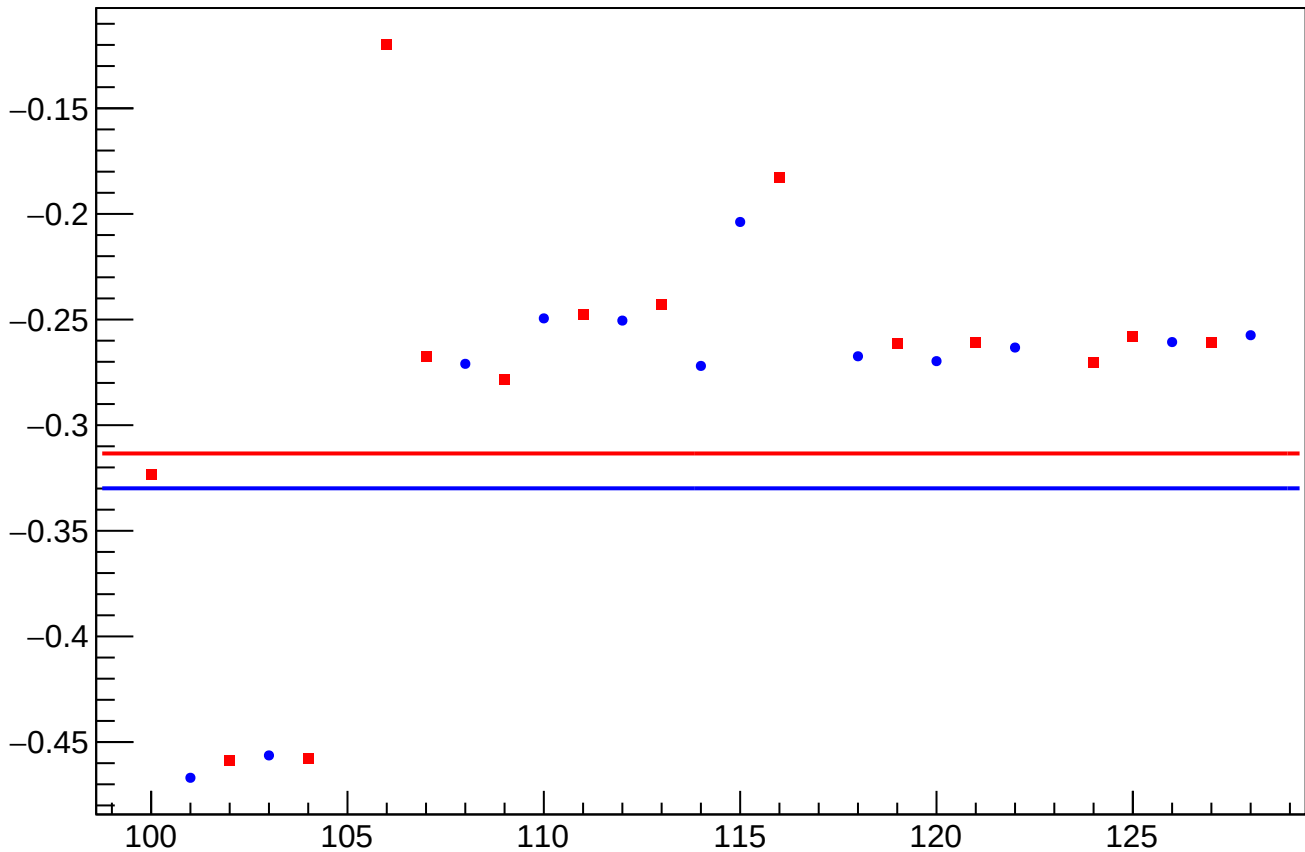
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.000 χ^2 /NDF: 205059.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l10Y_mean vs Slug



Right In: -0.330+/-0.000 χ^2/NDF : 2405143469.8/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.313+/-0.000 χ^2/NDF : 2613746158.5/13

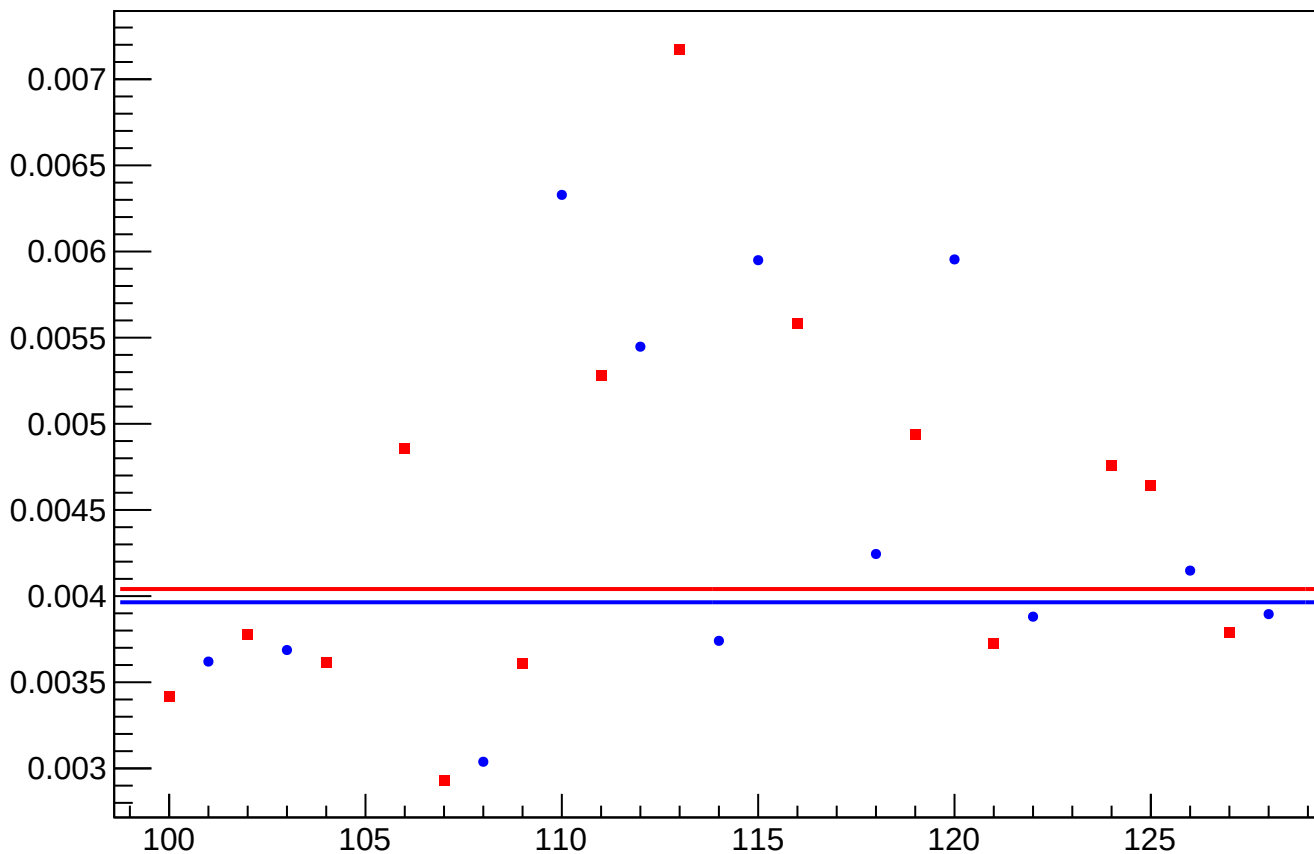
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.321+/-0.000 χ^2/NDF : 5056273138.3/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l10Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 342538.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 415090.4/13

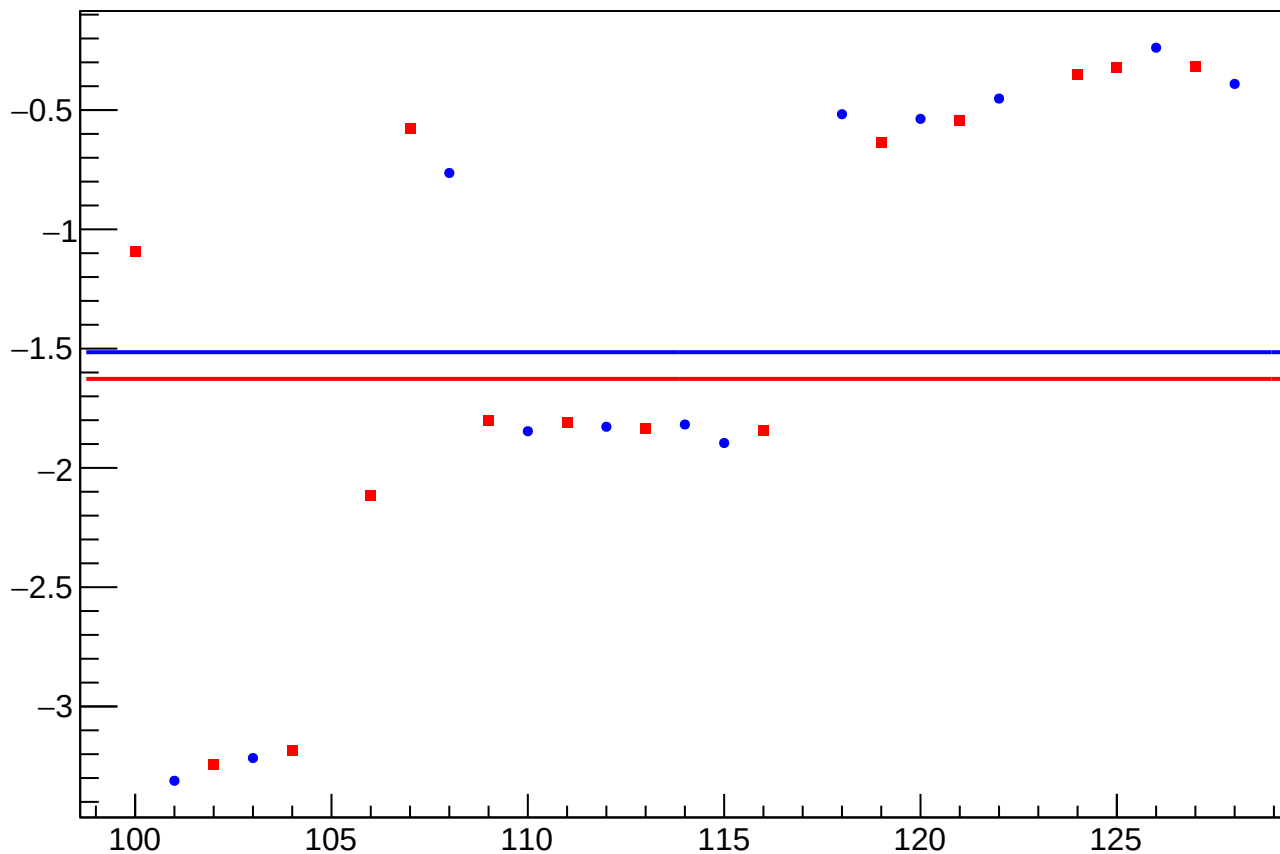
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 759254.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r03X_mean vs Slug



Right In: -1.515 ± 0.000 $\chi^2/\text{NDF}: 1269616924.1/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.627 ± 0.000 $\chi^2/\text{NDF}: 1086886847.9/13$

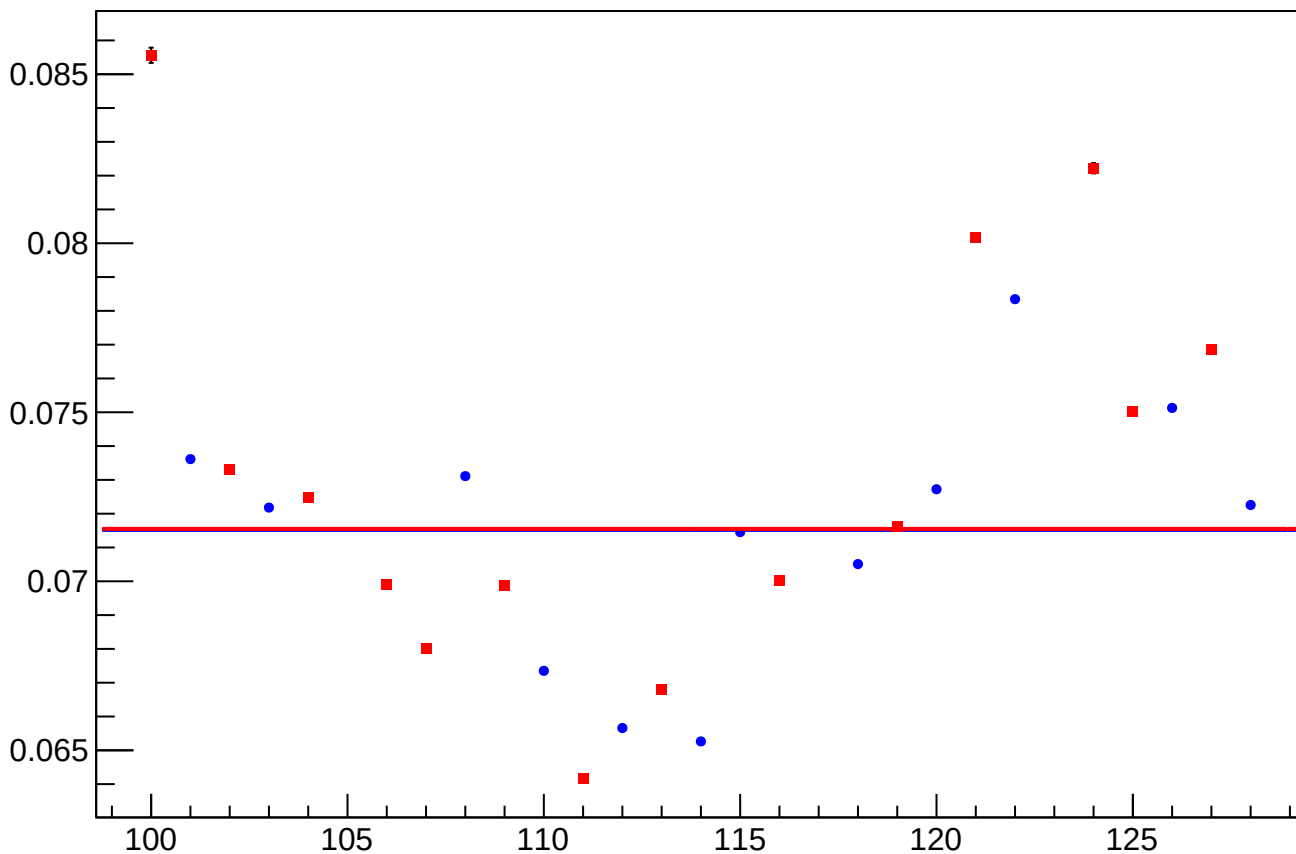
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.573 ± 0.000 $\chi^2/\text{NDF}: 2362792746.0/2$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

yield_bpm0r03X_rms vs Slug



Right In: 0.072+/-0.000 χ^2/NDF : 22926.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.072+/-0.000 χ^2/NDF : 44059.0/13

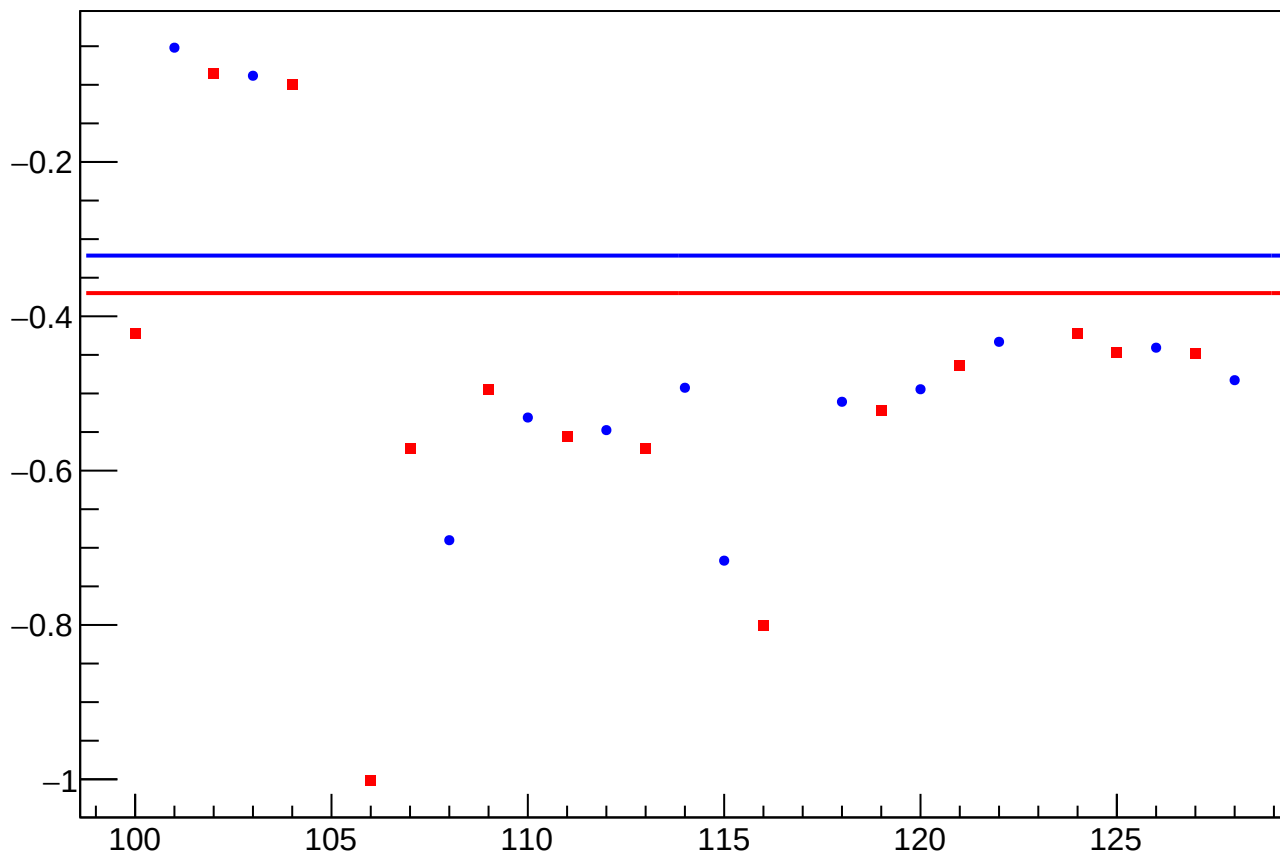
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.072+/-0.000 χ^2/NDF : 66986.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r03Y_mean vs Slug



Right In: -0.321 ± 0.000 $\chi^2/\text{NDF}: 1831071311.6/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.370 ± 0.000 $\chi^2/\text{NDF}: 2494263919.4/13$

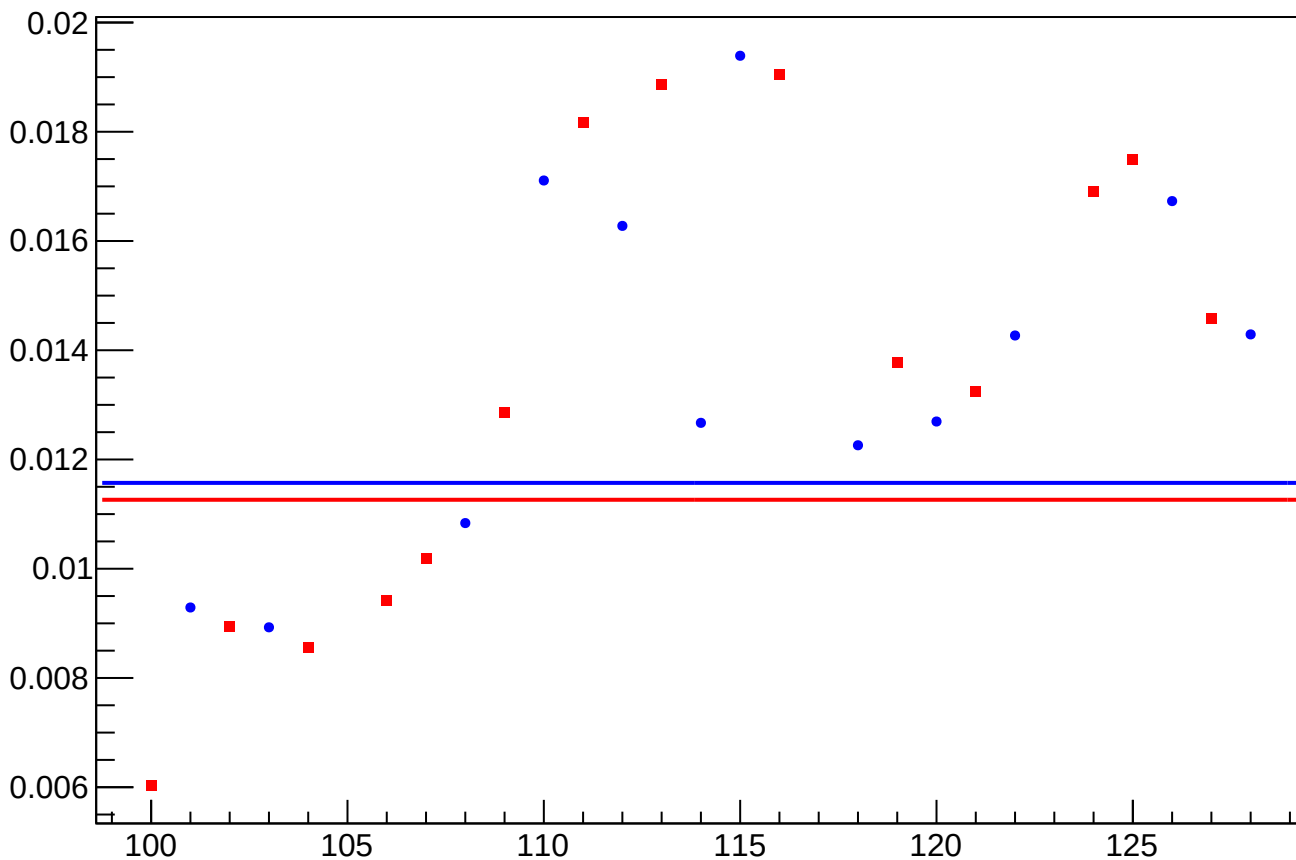
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.347 ± 0.000 $\chi^2/\text{NDF}: 4364966281.1/2$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

yield_bpm0r03Y_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF : 491126.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 857160.6/13

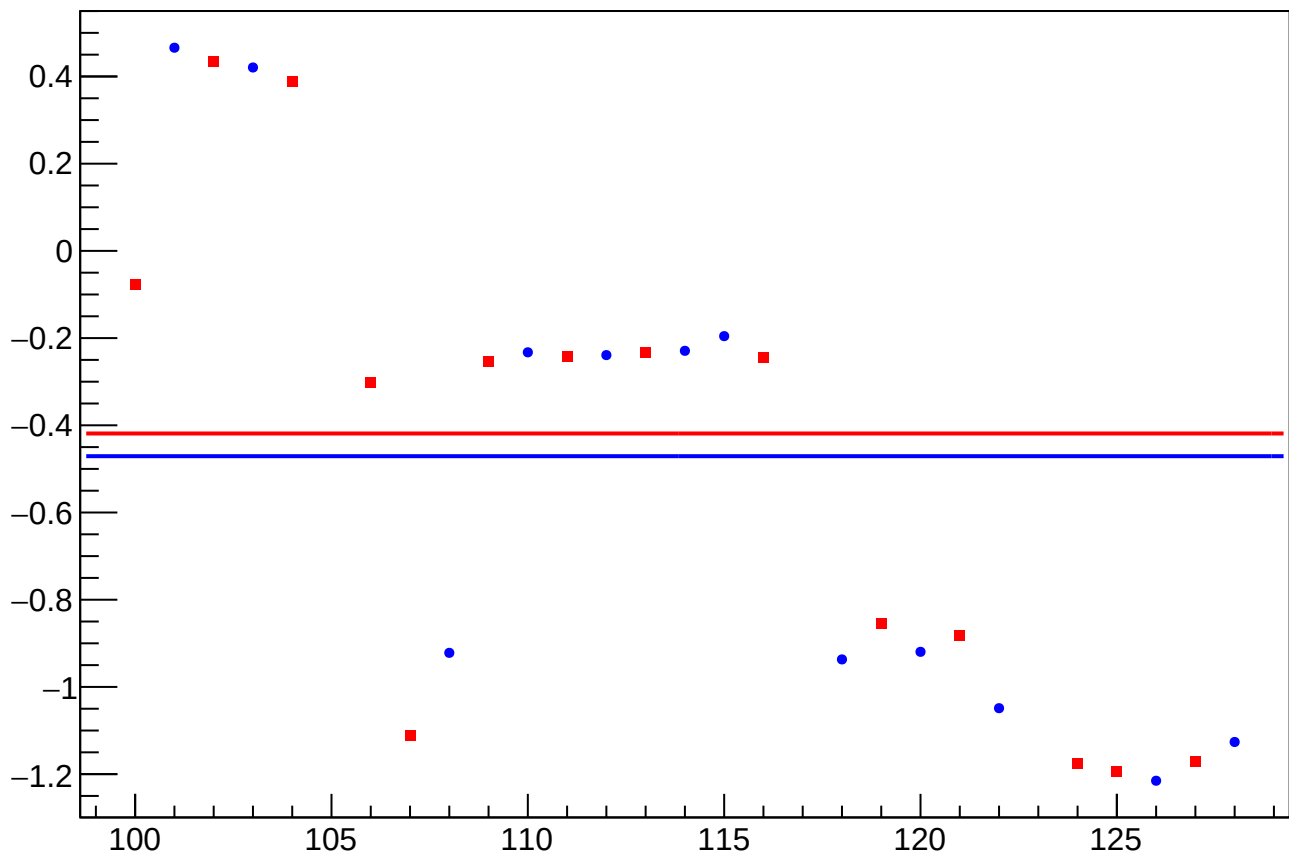
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 1351491.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r05X_mean vs Slug



Right In: -0.471+/-0.000 χ^2/NDF : 251300300.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.419+/-0.000 χ^2/NDF : 219930324.6/13

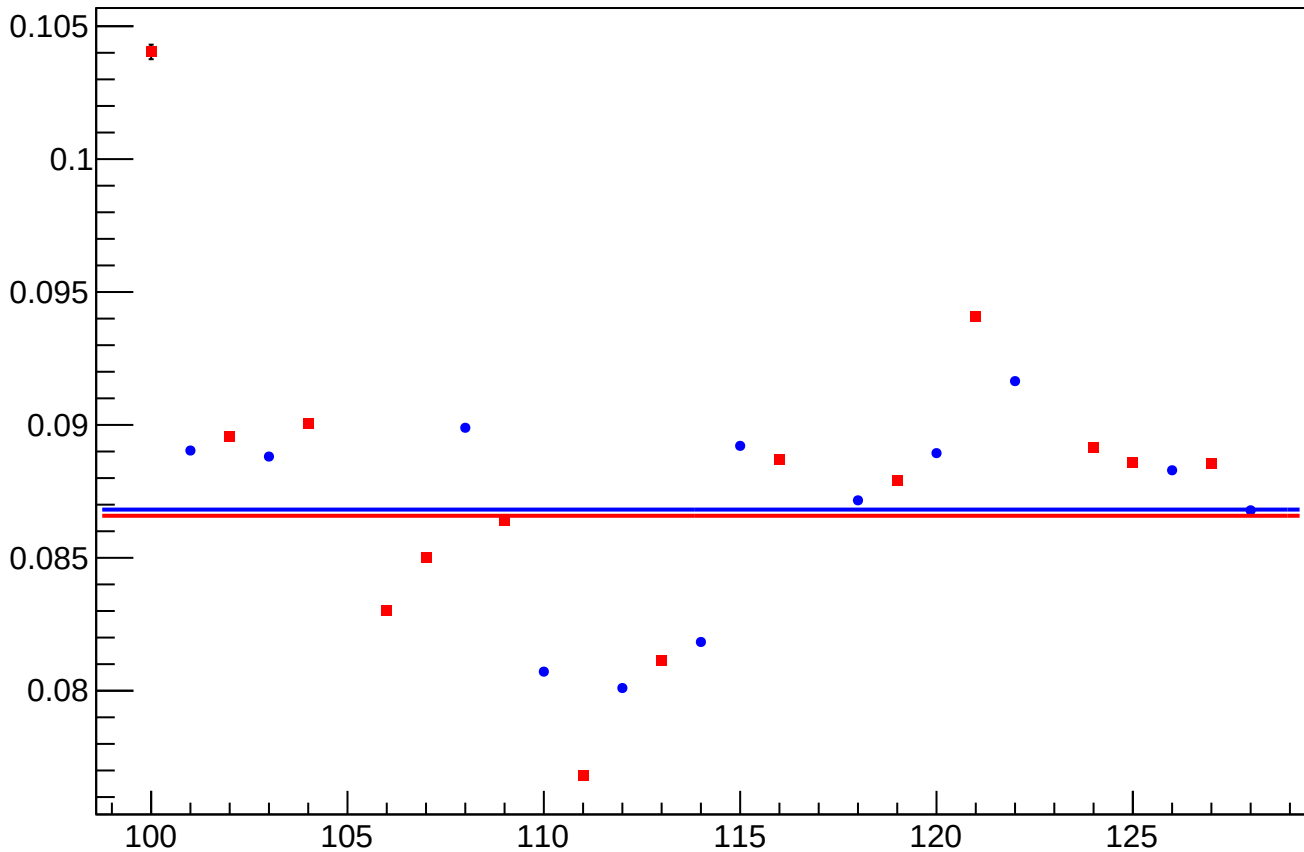
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.444+/-0.000 χ^2/NDF : 472172139.2/25

- 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: 17630.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.087 $\pm$ 0.000 χ^2 /NDF: 34200.7/13

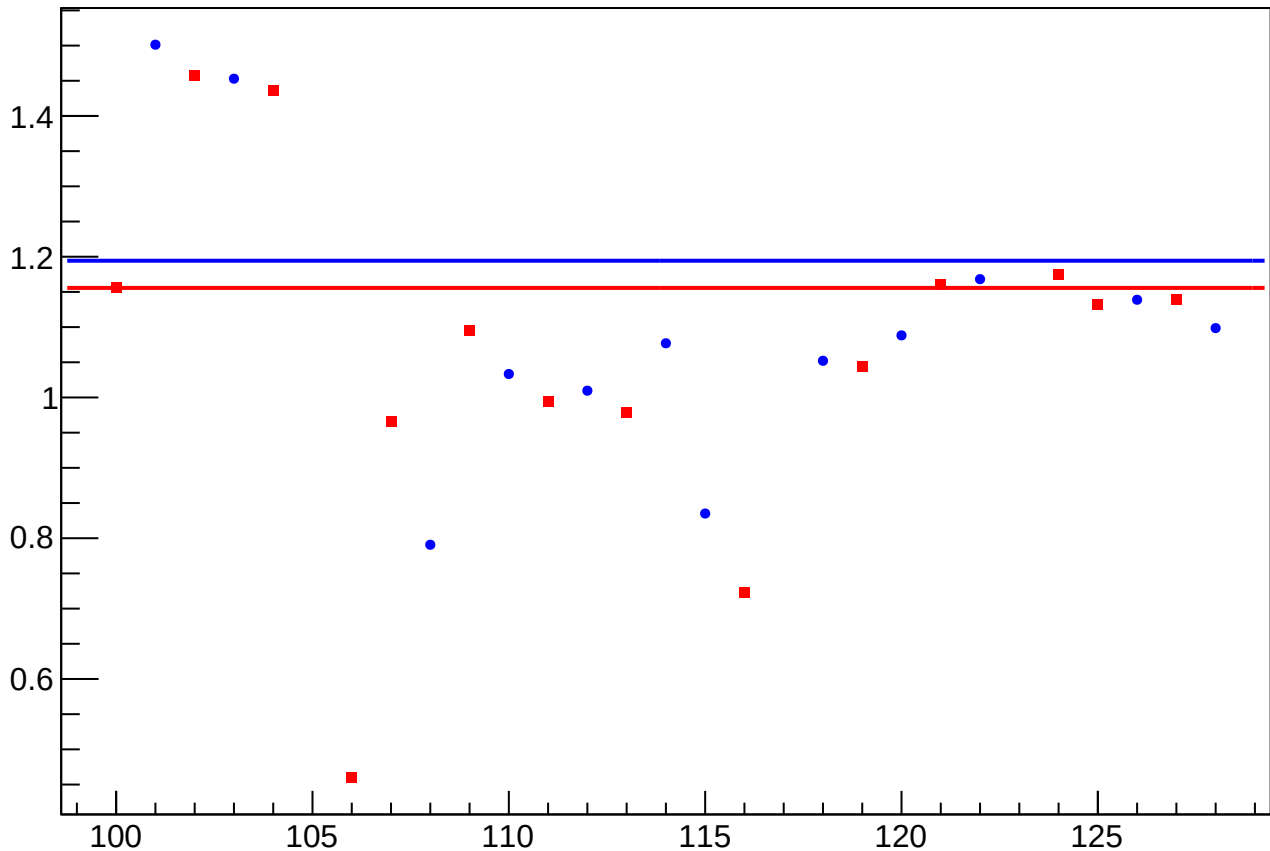
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.087 $\pm$ 0.000 χ^2 /NDF: 51869.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r05Y_mean vs Slug



Right In: 1.194+/-0.000 χ^2/NDF : 1069434996.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.156+/-0.000 χ^2/NDF : 1404221471.4/13

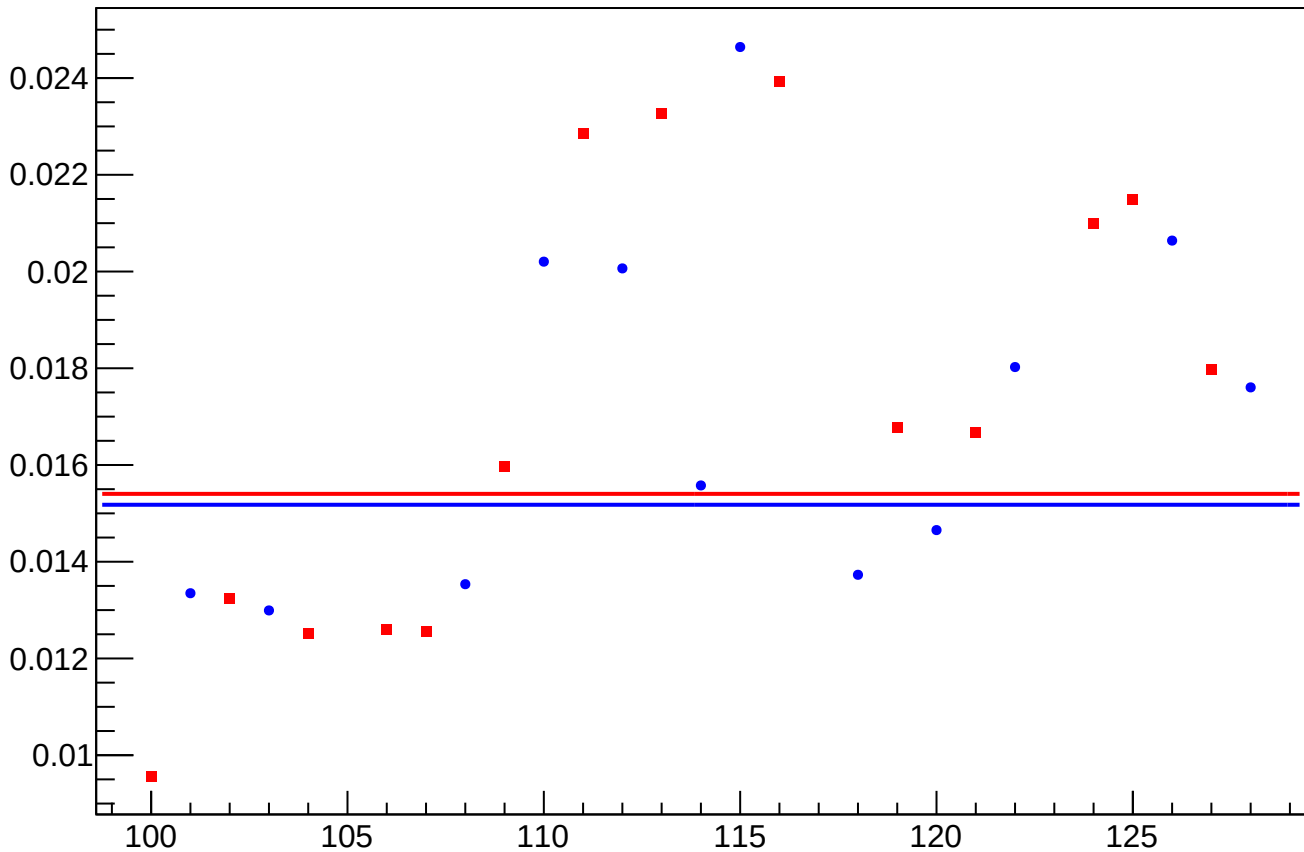
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.175+/-0.000 χ^2/NDF : 2487997492.7/25

- 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 : 286715.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 519789.4/13

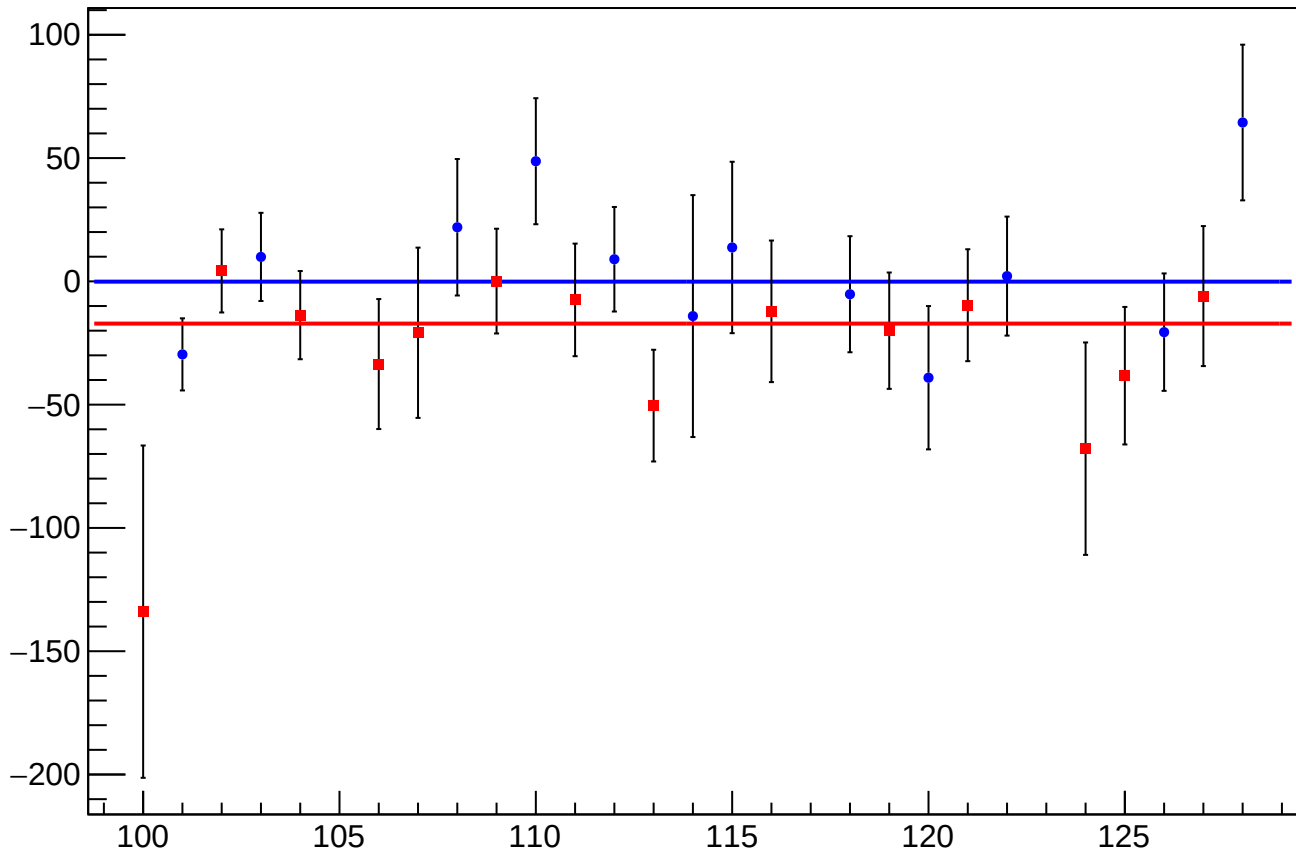
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 807480.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aX_mean vs Slug



Right In: -0.113 ± 6.807 χ^2/NDF : 15.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -17.128 ± 6.559 χ^2/NDF : 10.3/13

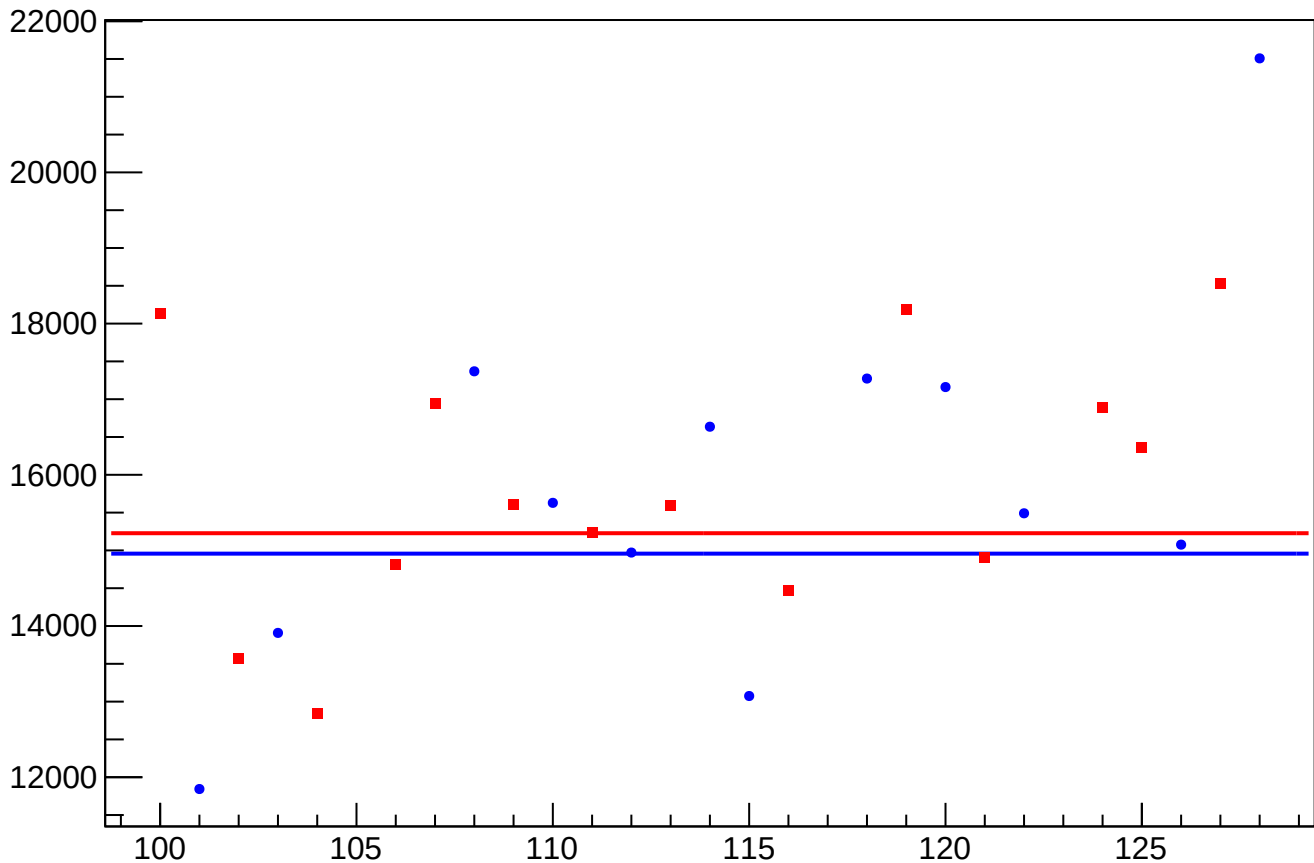
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.936 ± 4.723 χ^2/NDF : 29.4/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm4aX_rms vs Slug



Right In: 14957.212+/-4.813 χ^2/NDF : 240309.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15227.432+/-4.638 χ^2/NDF : 131445.8/13

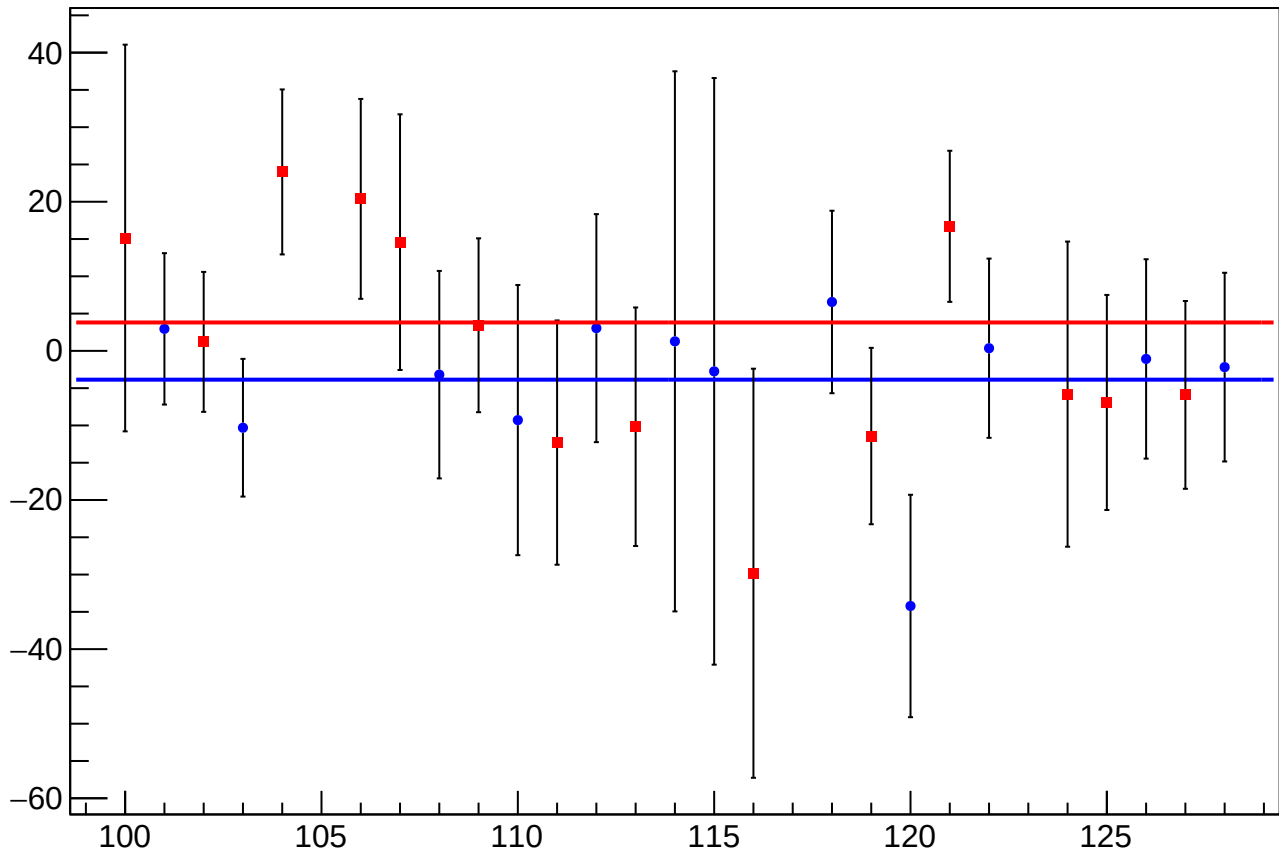
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15097.330+/-3.340 χ^2/NDF : 373389.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aY_mean vs Slug



Right In: -3.861 $\pm$ 3.914 χ^2 /NDF: 6.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.809 $\pm$ 3.611 χ^2 /NDF: 13.4/13

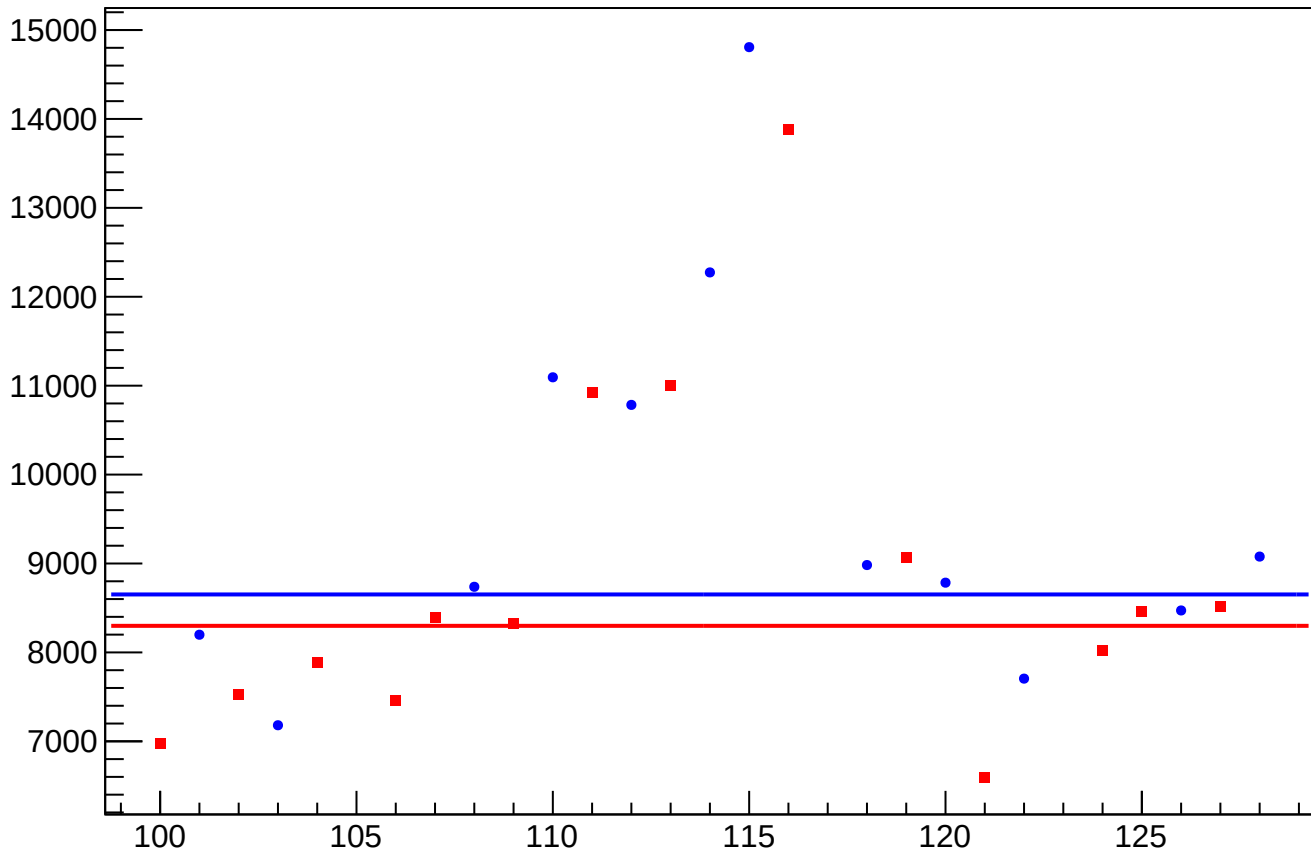
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.283 $\pm$ 2.654 χ^2 /NDF: 21.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm4aY_rms vs Slug



Right In: 8651.888 $\pm$ 2.768 χ^2 /NDF: 215687.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

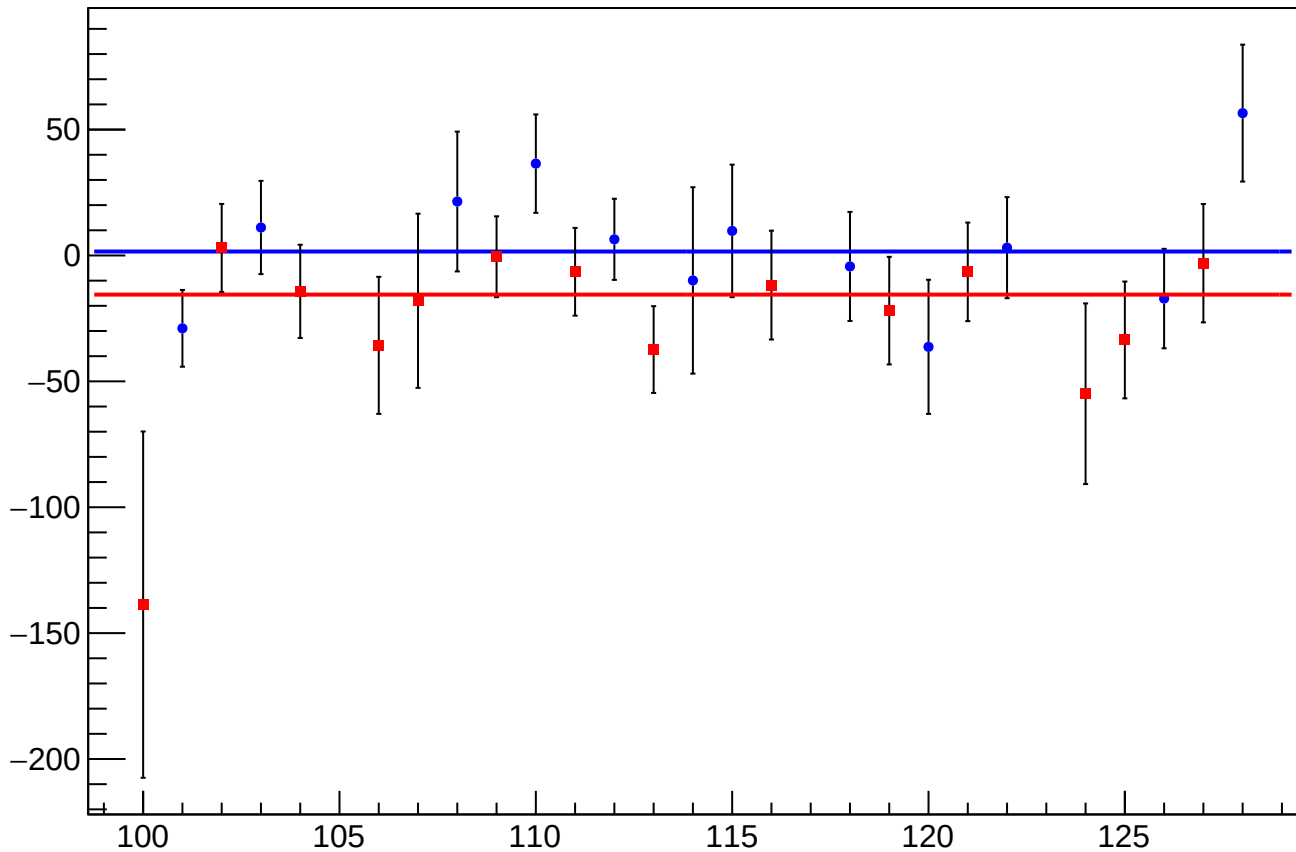
Right Out: 8298.869 $\pm$ 2.553 χ^2 /NDF: 286266.0/13

All: 8461.172 $\pm$ 1.877 χ^2 /NDF: 510741.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm4eX_mean vs Slug



Right In: 1.573+/-6.075 χ^2/NDF : 15.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.543+/-5.726 χ^2/NDF : 10.1/13

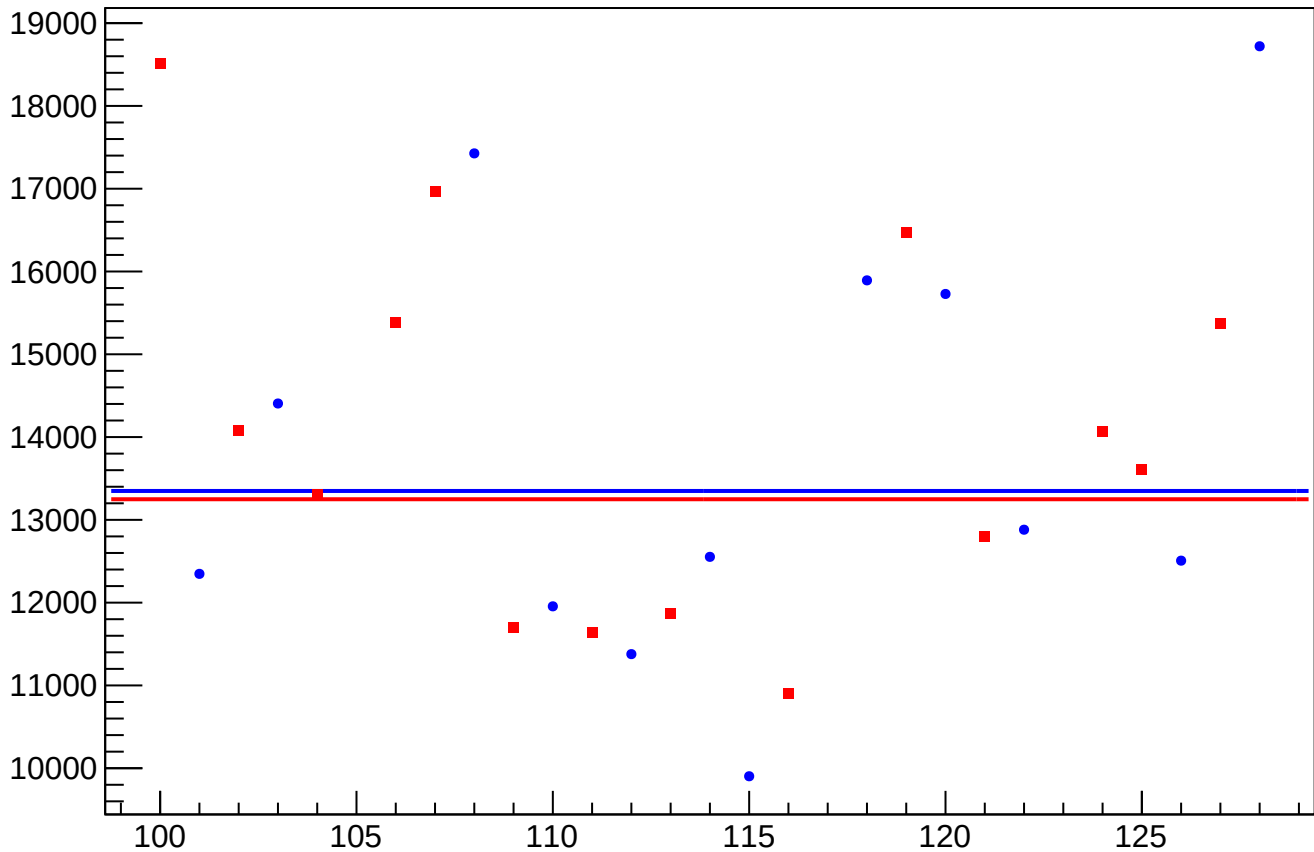
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.491+/-4.167 χ^2/NDF : 29.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4eX_rms vs Slug



Right In: 13349.010+/-4.296 χ^2/NDF : 259895.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13248.915+/-4.049 χ^2/NDF : 188323.6/13

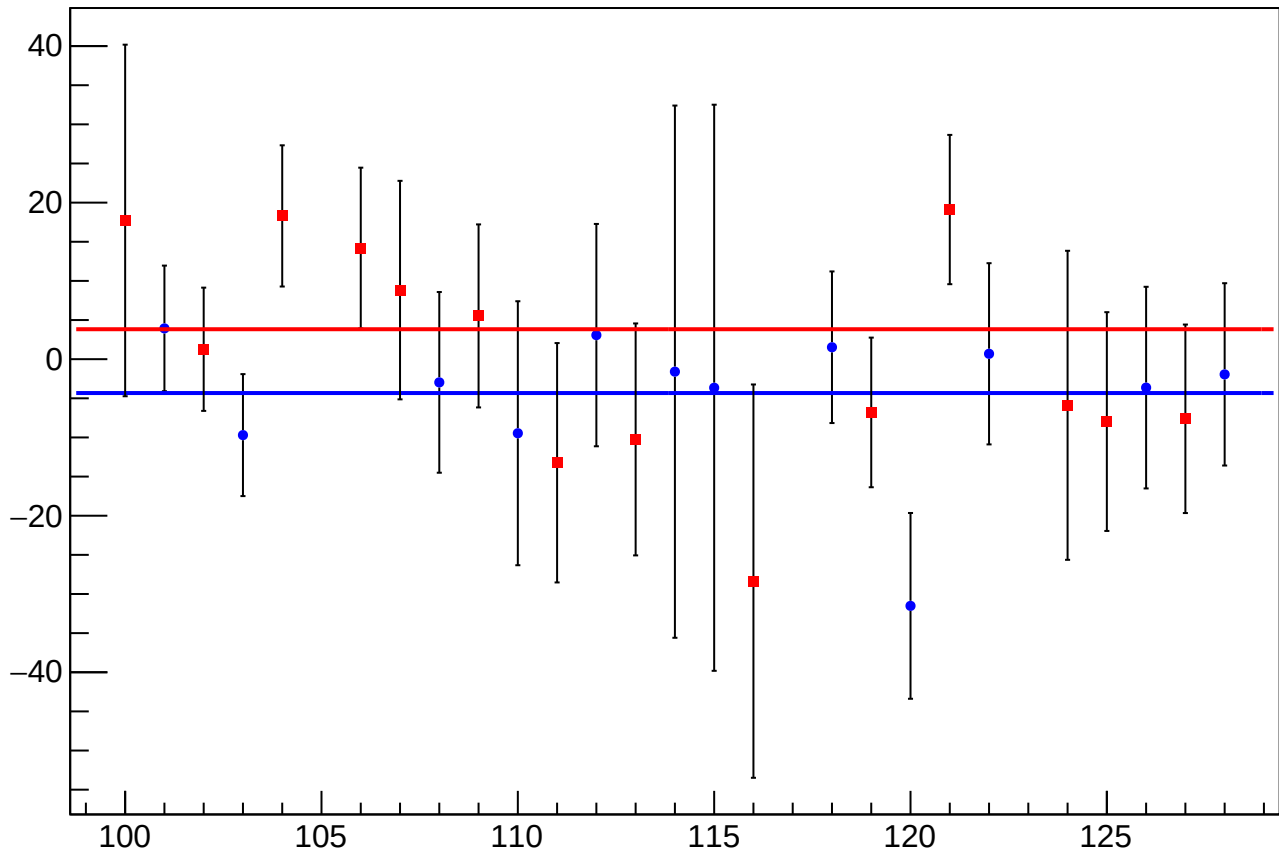
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13296.001+/-2.946 χ^2/NDF : 448506.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4eY_mean vs Slug



Right In: -4.327+/-3.367 χ^2 /NDF: 7.8/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 3.826+/-3.174 χ^2 /NDF: 13.7/13

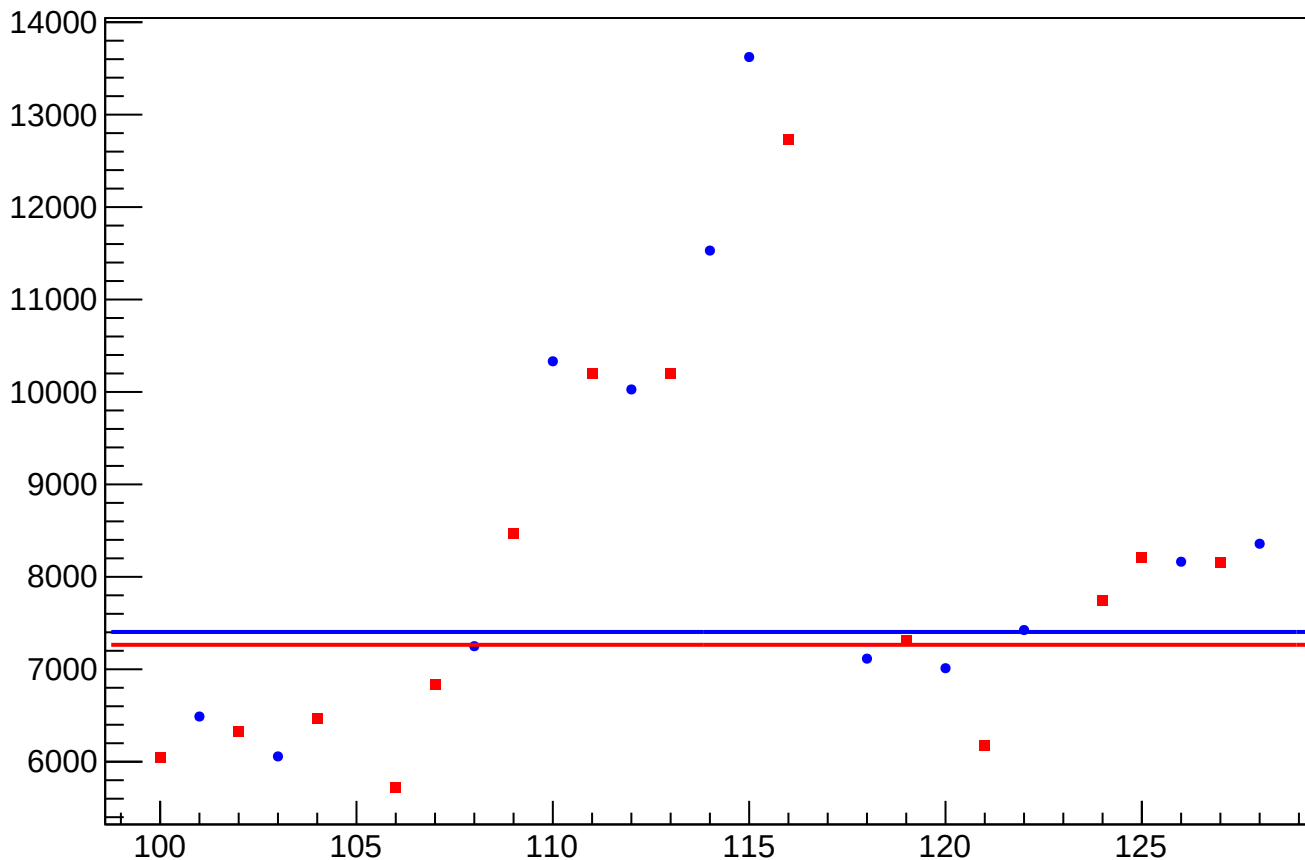
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.010+/-2.309 χ^2 /NDF: 24.6/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm4eY_rms vs Slug



Right In: 7403.741+/-2.381 χ^2 /NDF: 327530.3/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

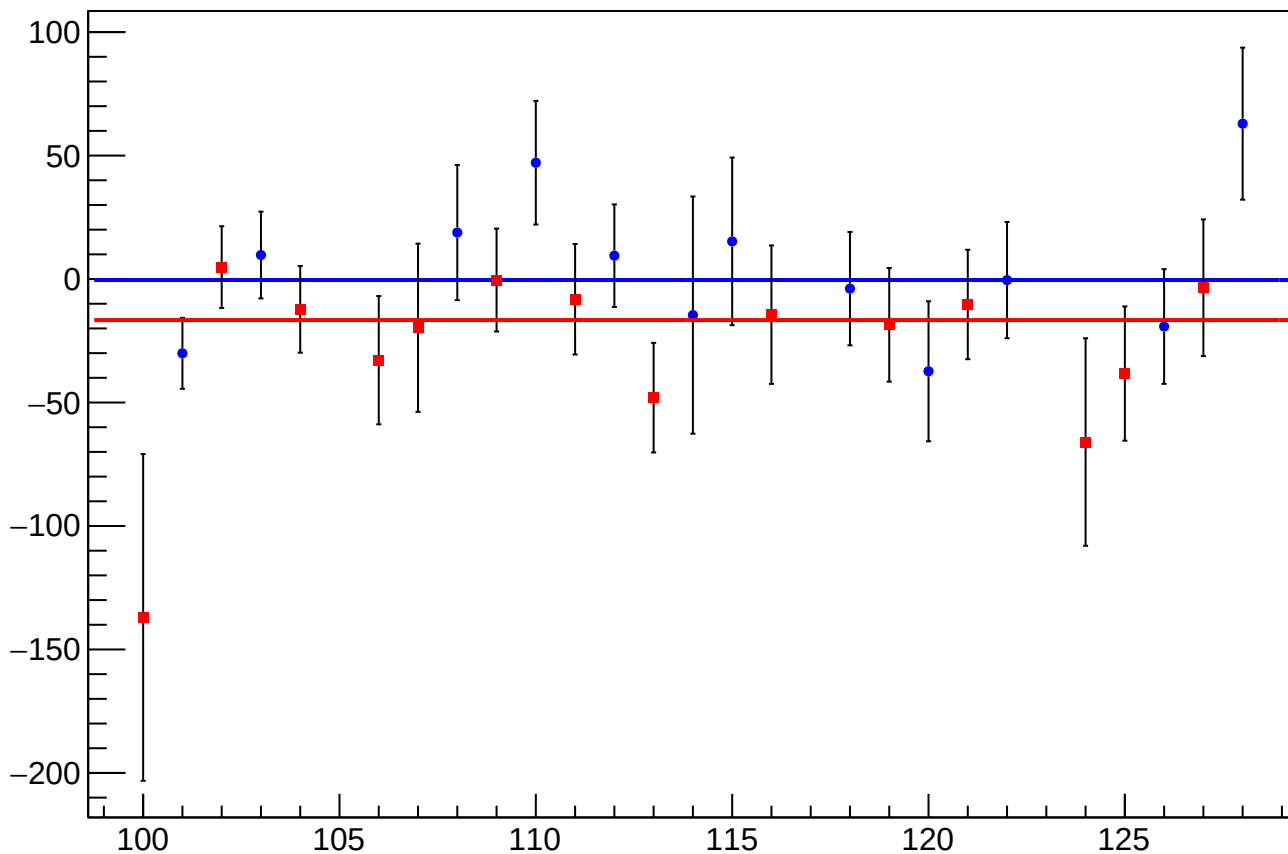
Right Out: 7264.703+/-2.244 χ^2 /NDF: 411377.1/13

All: 7330.130+/-1.633 χ^2 /NDF: 740713.5/25

- 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: -0.393 ± 6.669 χ^2/NDF : 15.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.602 ± 6.425 χ^2/NDF : 10.5/13

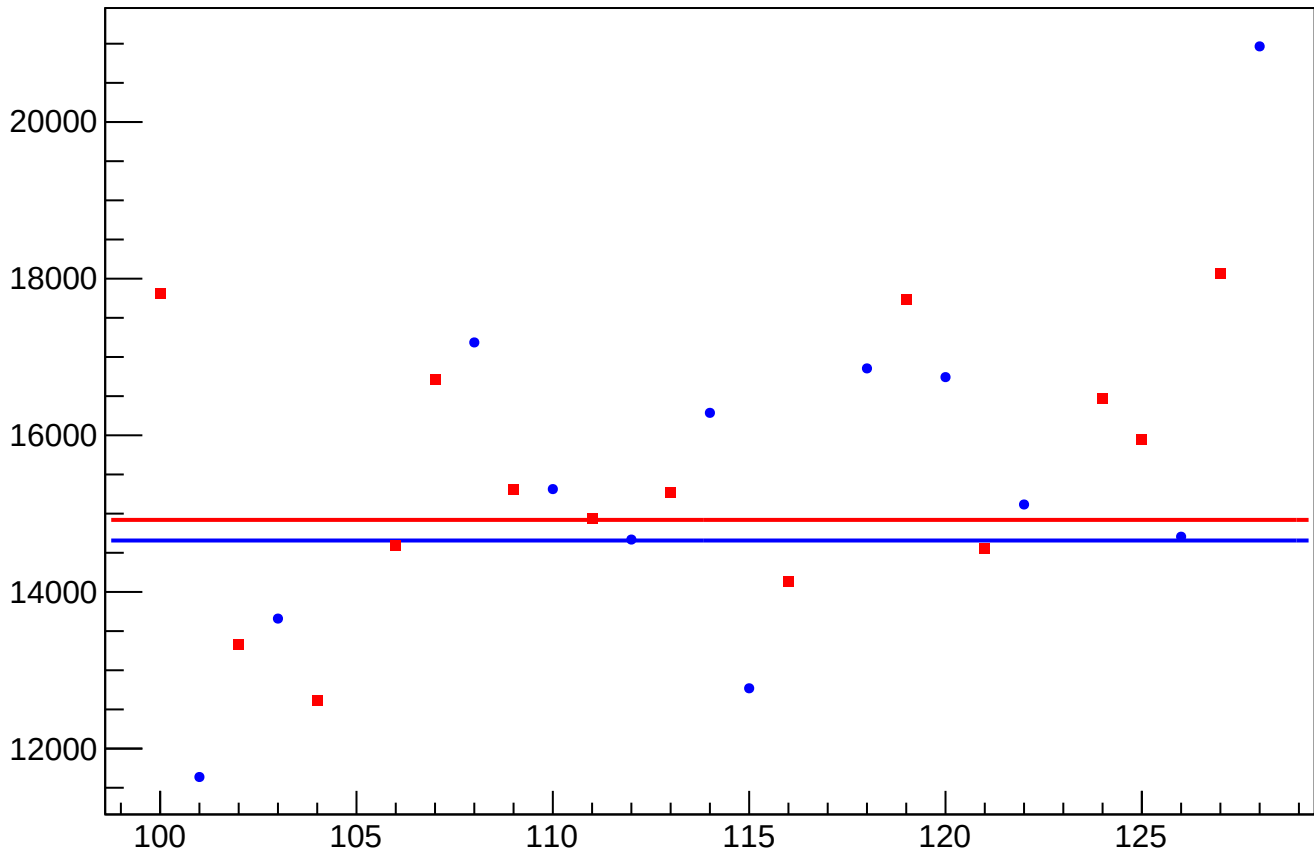
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.798 ± 4.627 χ^2/NDF : 29.4/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm4acX_rms vs Slug



Right In: 14656.782+/-4.715 χ^2/NDF : 235663.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14919.924+/-4.543 χ^2/NDF : 127360.0/13

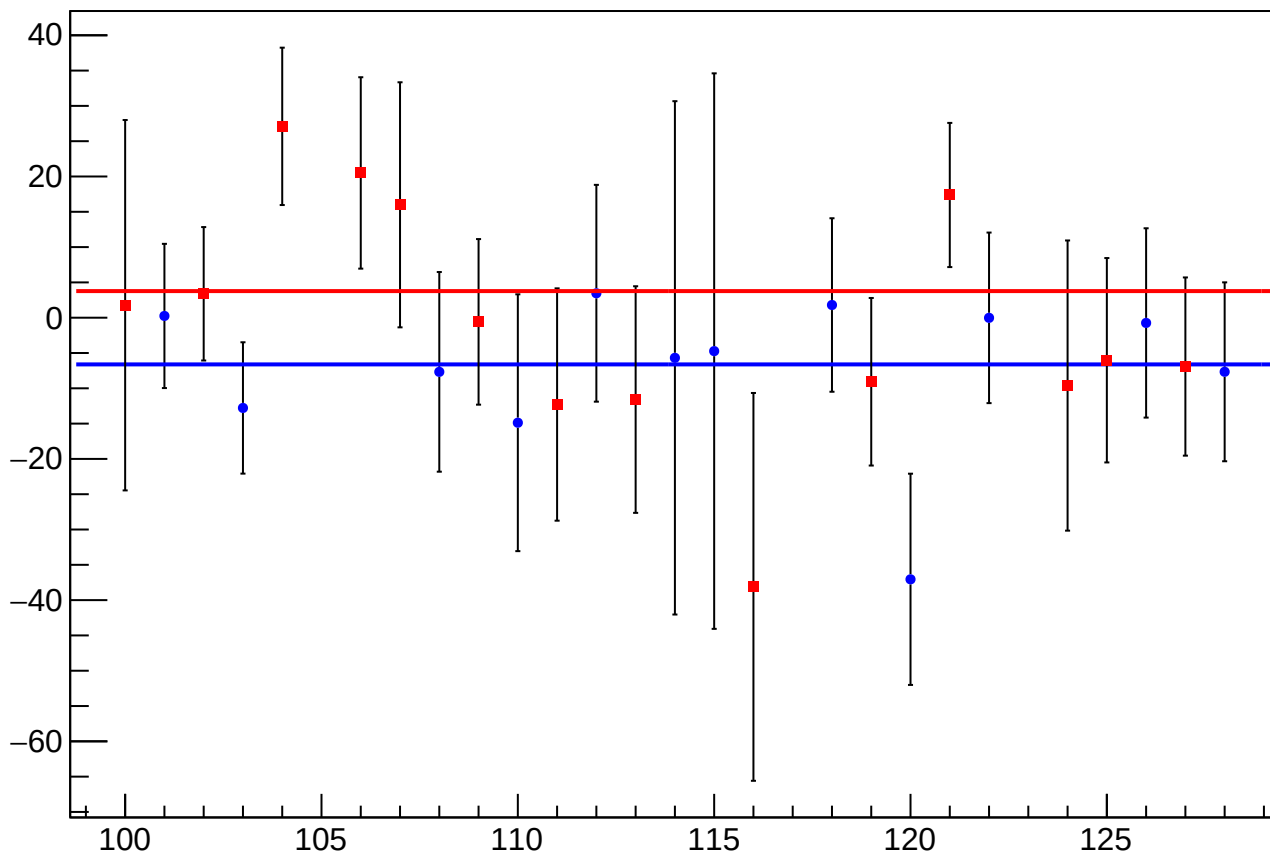
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14793.237+/-3.272 χ^2/NDF : 364638.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4acY_mean vs Slug



Right In: -6.615 ± 3.936 χ^2/NDF : 6.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 3.768 ± 3.633 χ^2/NDF : 15.3/13

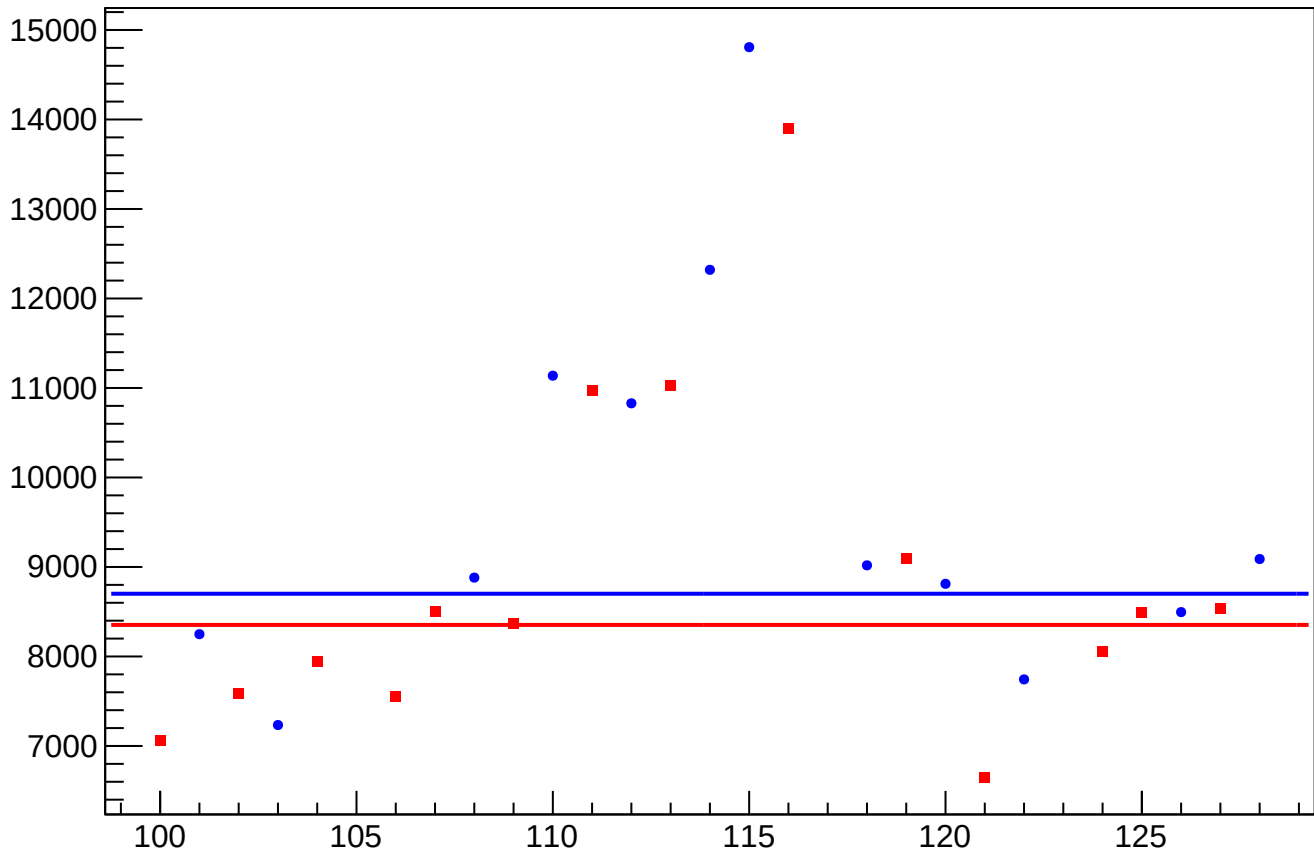
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.008 ± 2.670 χ^2/NDF : 25.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm4acY_rms vs Slug



Right In: 8701.056 $\pm$ 2.783 χ^2 /NDF: 212648.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

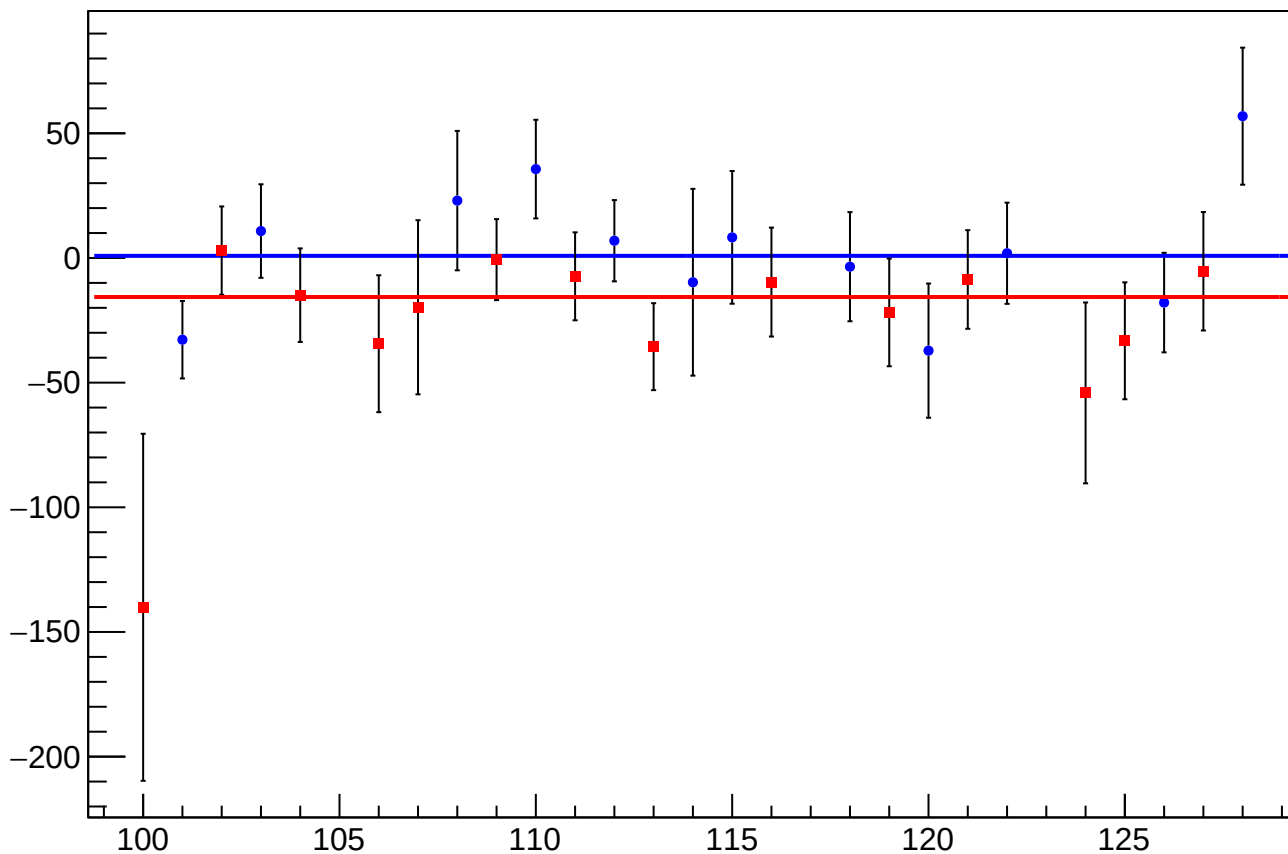
Right Out: 8352.633 $\pm$ 2.569 χ^2 /NDF: 280271.8/13

All: 8512.928 $\pm$ 1.888 χ^2 /NDF: 501383.0/25

- sign 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: 0.854+/-6.150 χ^2/NDF : 16.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.660+/-5.791 χ^2/NDF : 9.3/13

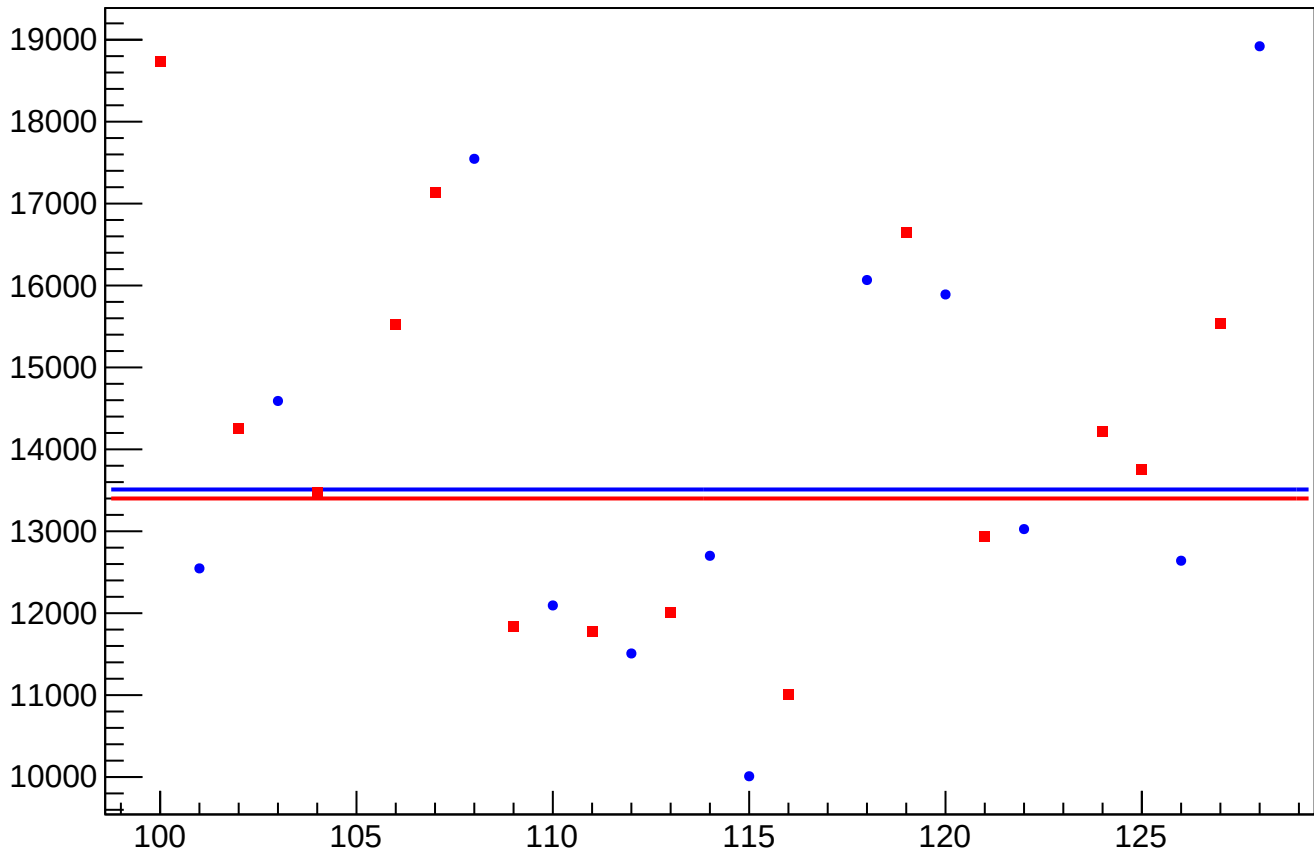
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.899+/-4.216 χ^2/NDF : 29.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4ecX_rms vs Slug



Right In: 13510.141+/-4.349 χ^2/NDF : 257372.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13400.202+/-4.095 χ^2/NDF : 187425.9/13

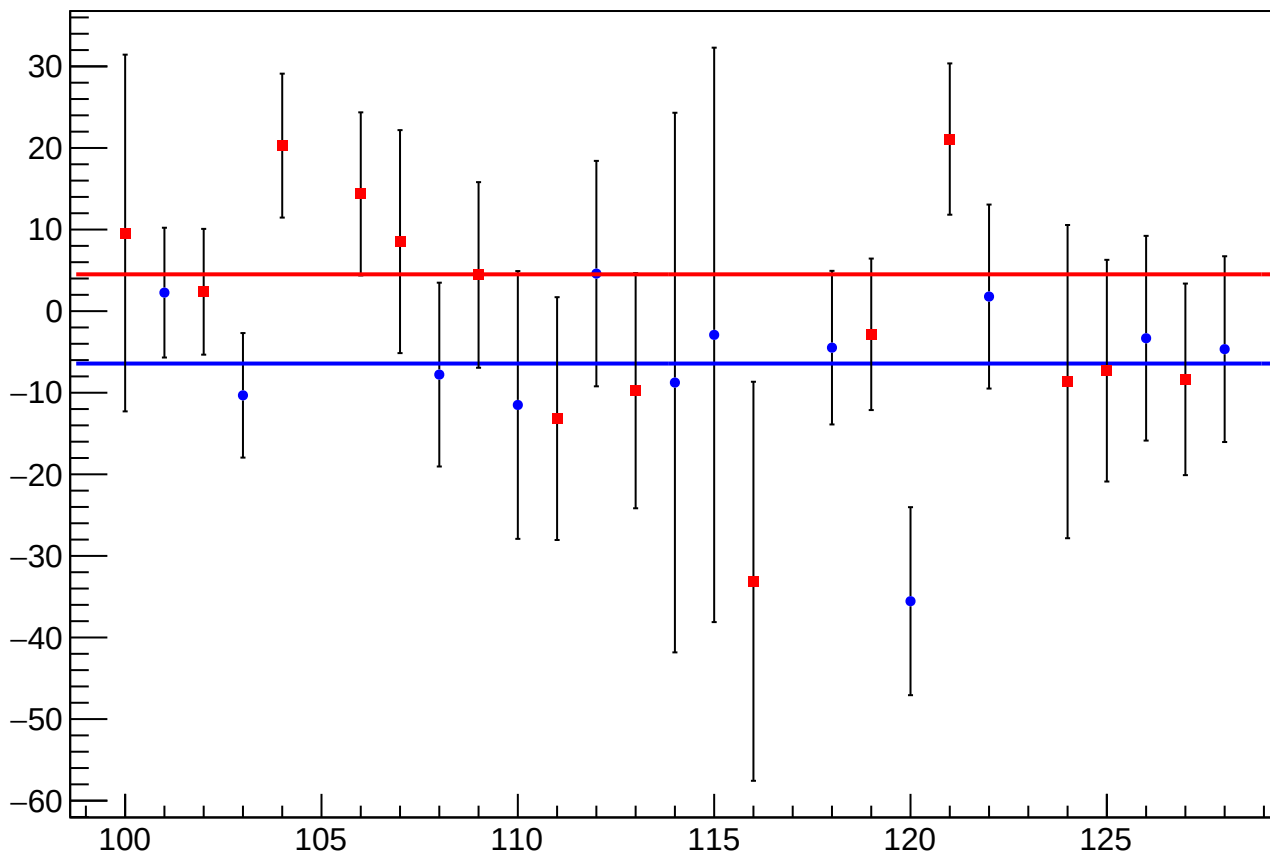
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13451.868+/-2.981 χ^2/NDF : 445137.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4ecY_mean vs Slug



Right In: -6.423+/-3.292 χ^2/NDF : 9.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.513+/-3.094 χ^2/NDF : 15.4/13

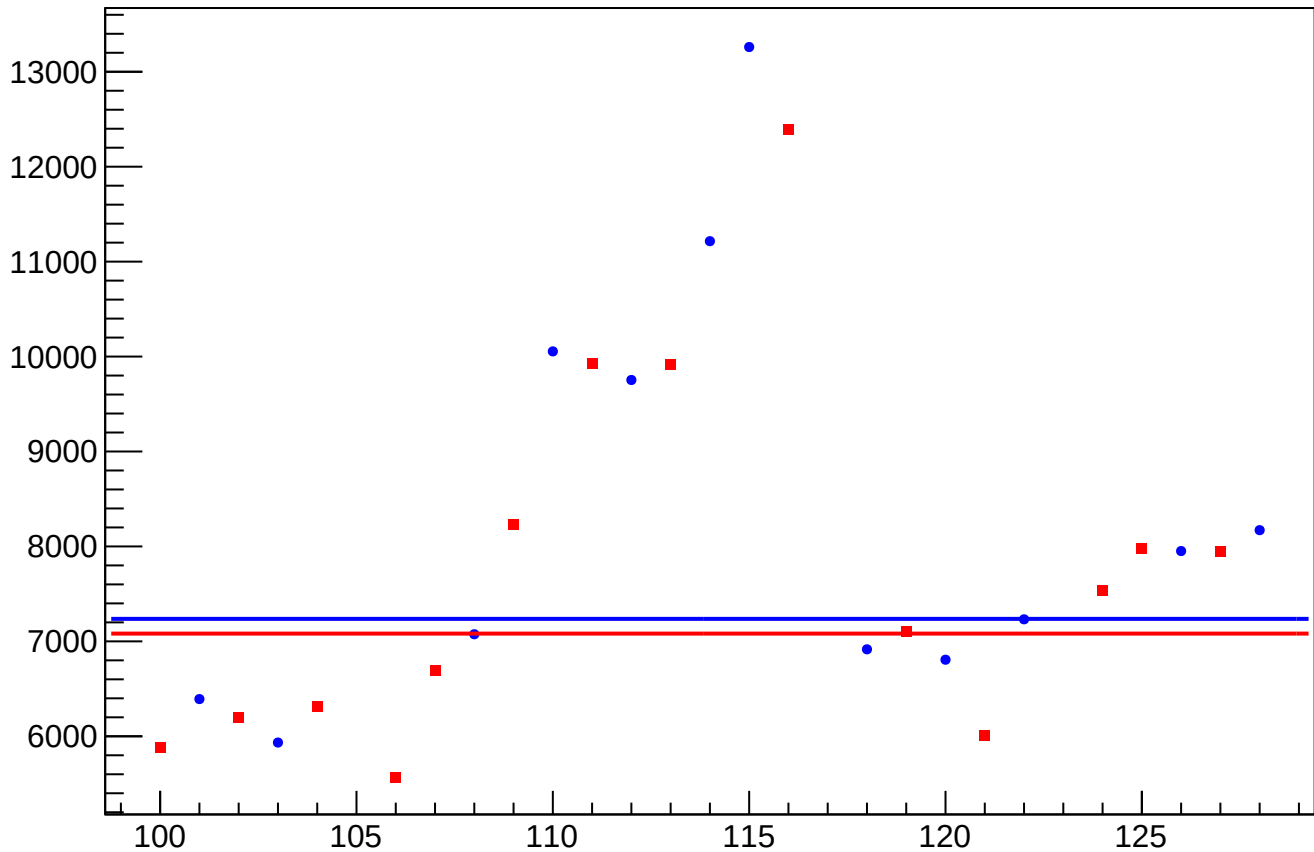
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.615+/-2.254 χ^2/NDF : 30.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4ecY_rms vs Slug



Right In: 7236.984 $\pm$ 2.328 χ^2 /NDF: 319100.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

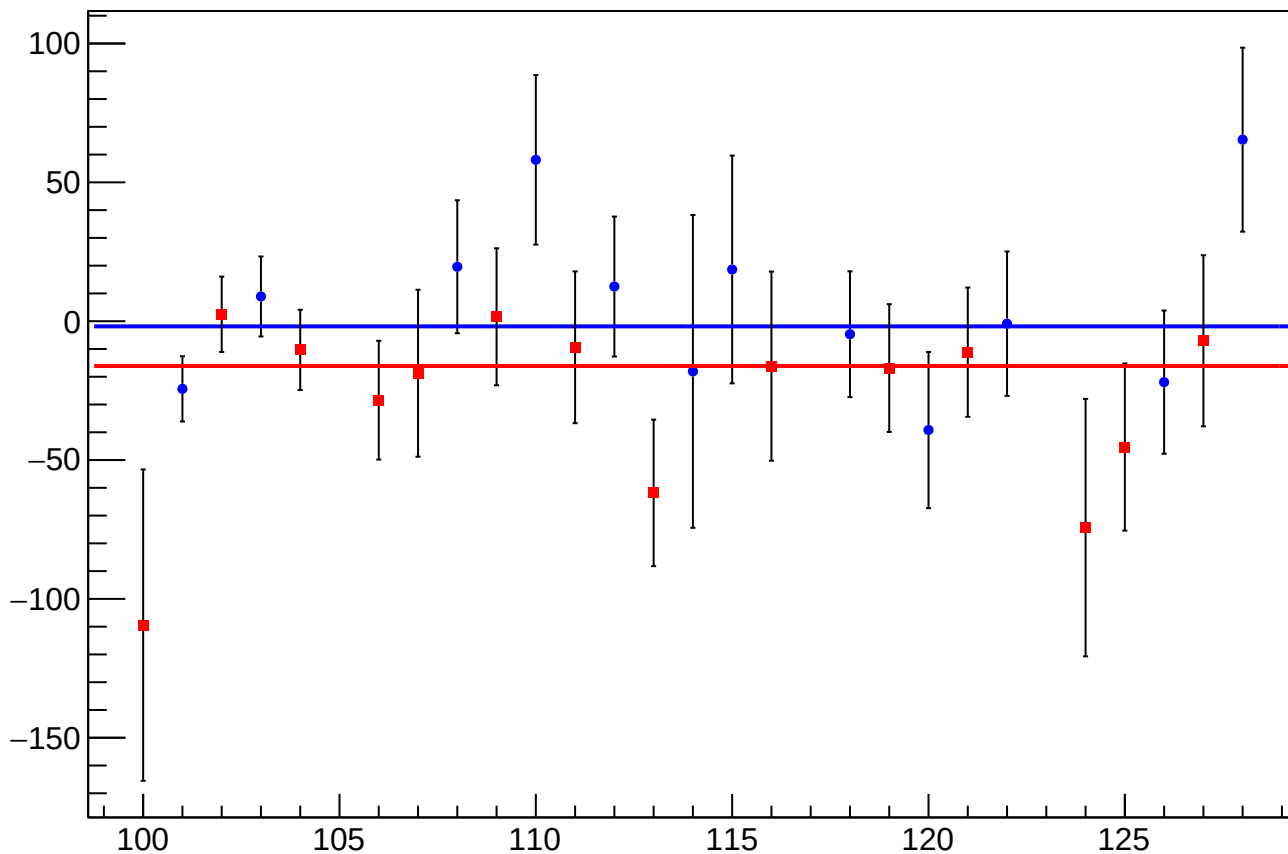
Right Out: 7081.827 $\pm$ 2.187 χ^2 /NDF: 407272.9/13

All: 7154.589 $\pm$ 1.594 χ^2 /NDF: 728732.2/25

- sign 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_bpm1X_mean vs Slug



Right In: -1.865+/-6.390 χ^2/NDF : 16.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.134+/-6.266 χ^2/NDF : 11.4/13

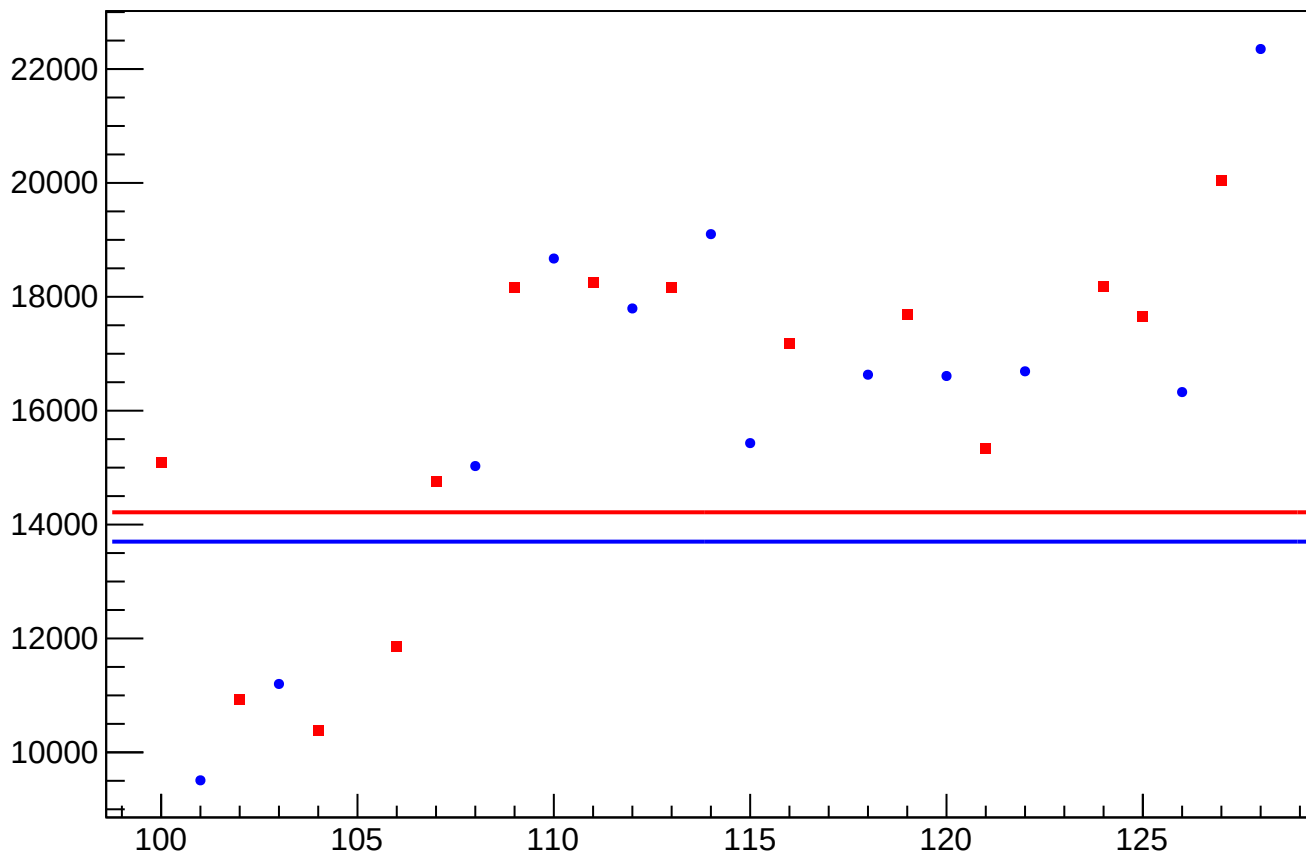
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.140+/-4.474 χ^2/NDF : 30.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1X_rms vs Slug



Right In: 13700.459+/-4.519 χ^2/NDF : 687740.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14215.711+/-4.431 χ^2/NDF : 601551.4/13

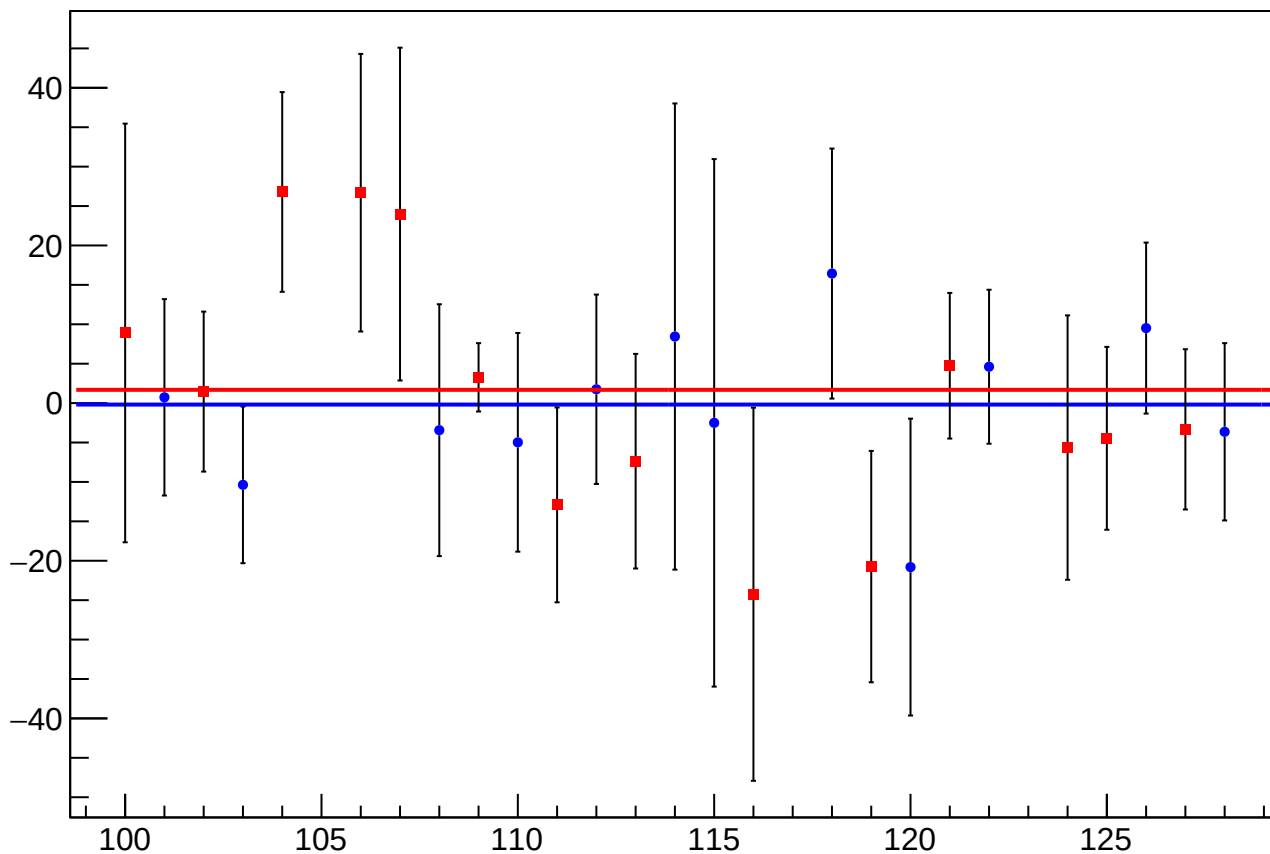
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13963.134+/-3.164 χ^2/NDF : 1295920.1/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1Y_mean vs Slug



Right In: -0.187 ± 3.826 χ^2/NDF : 4.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.685 ± 2.809 χ^2/NDF : 13.5/13

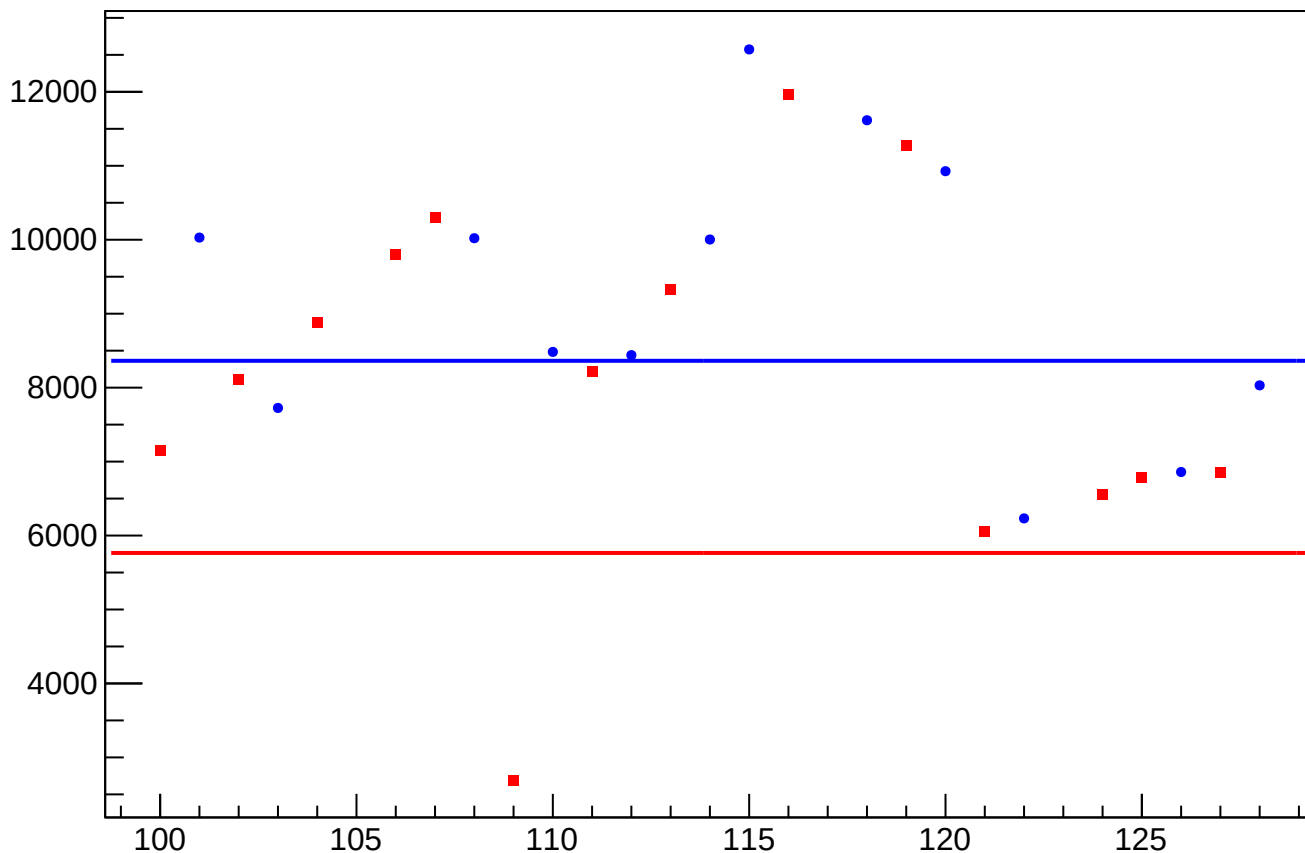
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.029 ± 2.264 χ^2/NDF : 18.4/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm1Y_rms vs Slug



Right In: 8362.957 $\pm$ 2.705 χ^2 /NDF: 360150.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

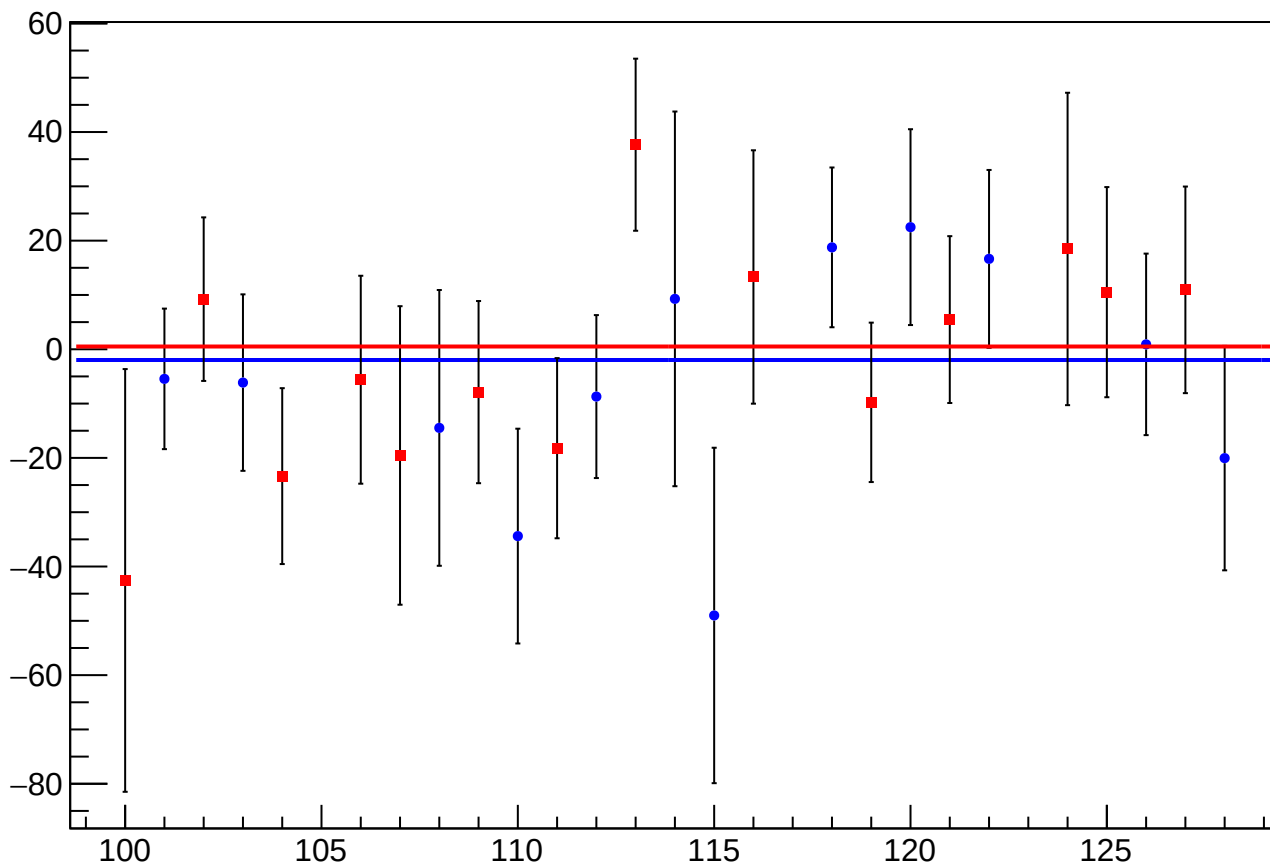
Right Out: 5764.710 $\pm$ 1.986 χ^2 /NDF: 2119162.9/13

All: 6674.751 $\pm$ 1.601 χ^2 /NDF: 3078713.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

diff_bpm11X_mean vs Slug



Right In: -1.976+/-5.160 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.509+/-4.910 χ^2/NDF : 13.2/13

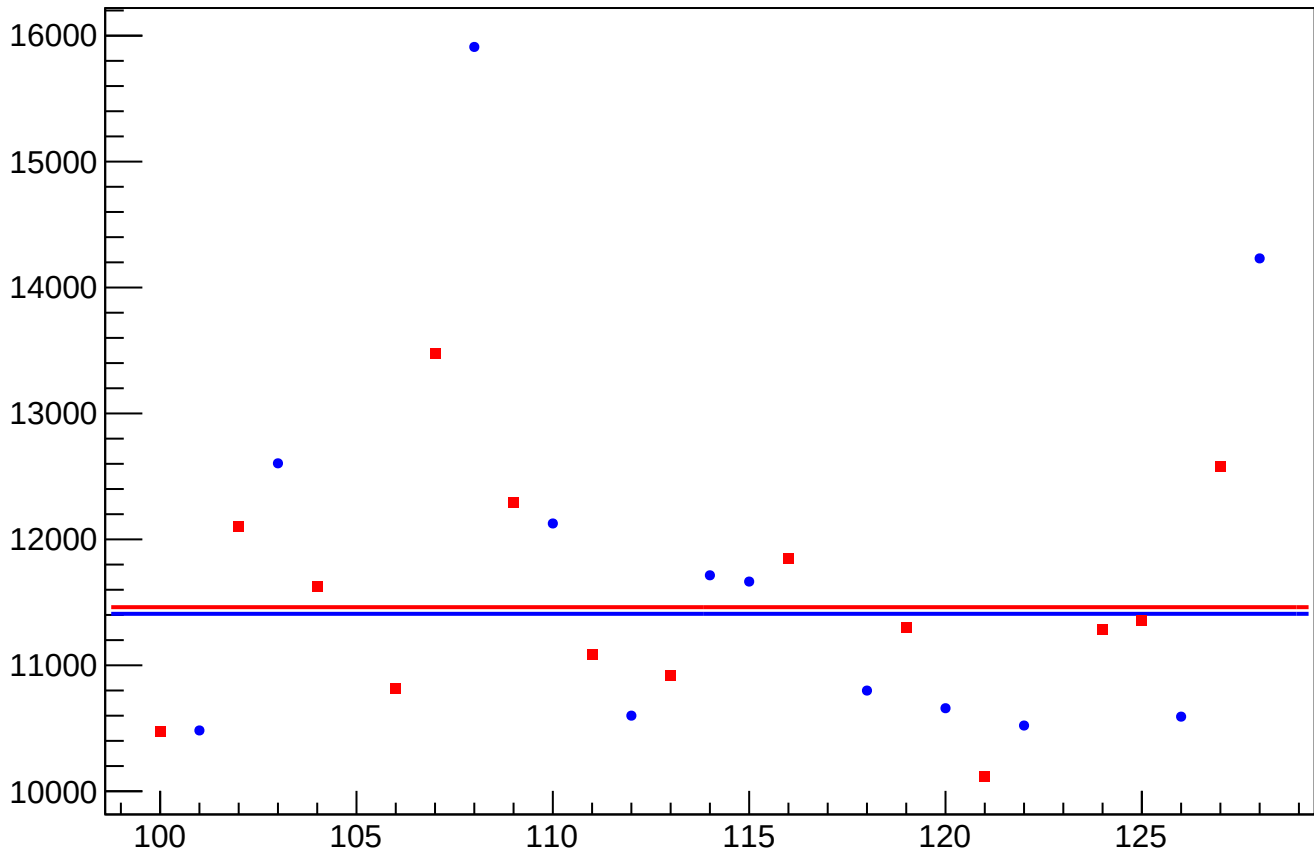
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.672+/-3.557 χ^2/NDF : 25.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm11X_rms vs Slug



Right In: 11408.886+/-3.649 χ^2/NDF : 147553.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11461.705+/-3.472 χ^2/NDF : 49573.2/13

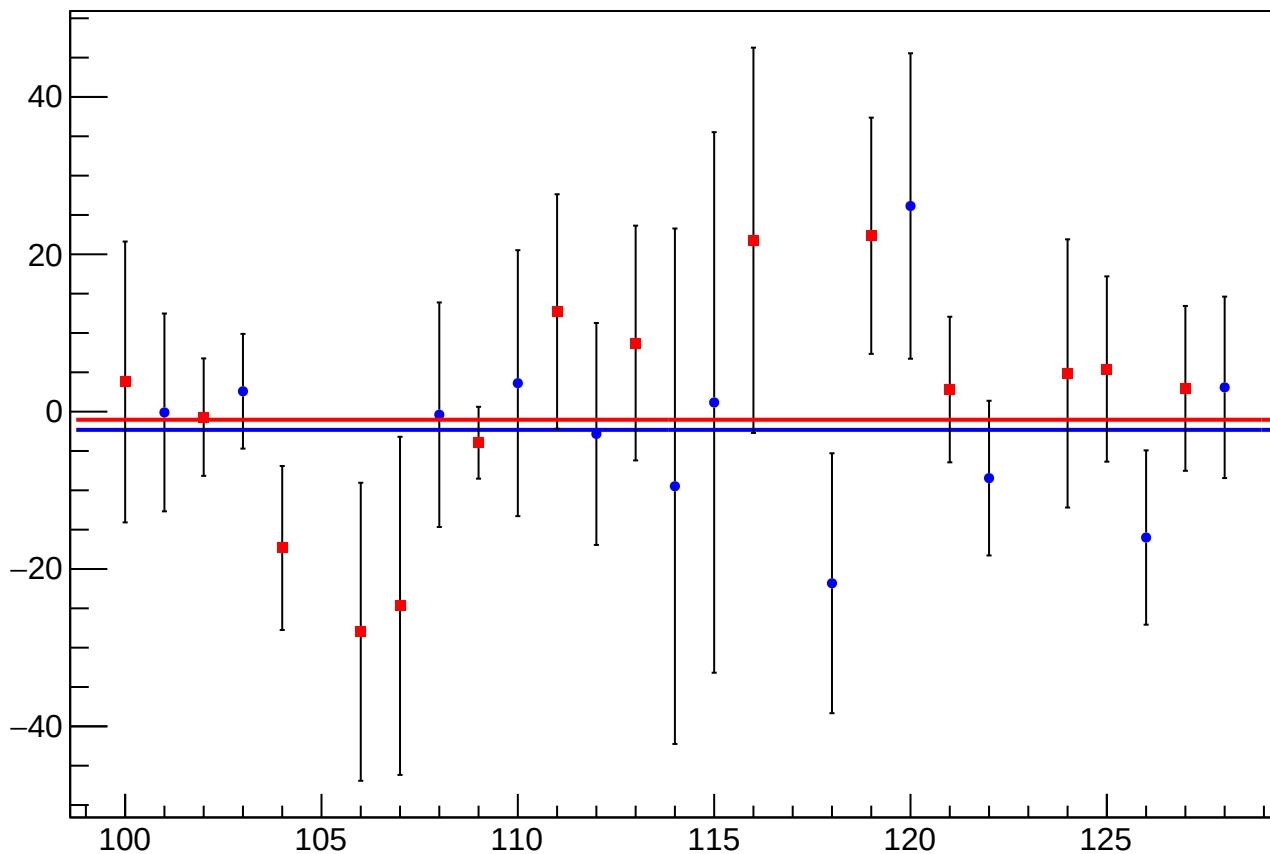
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11436.604+/-2.515 χ^2/NDF : 197236.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm11Y_mean vs Slug



Right In: -2.315 ± 3.709 χ^2/NDF : 6.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.030 ± 2.776 χ^2/NDF : 11.5/13

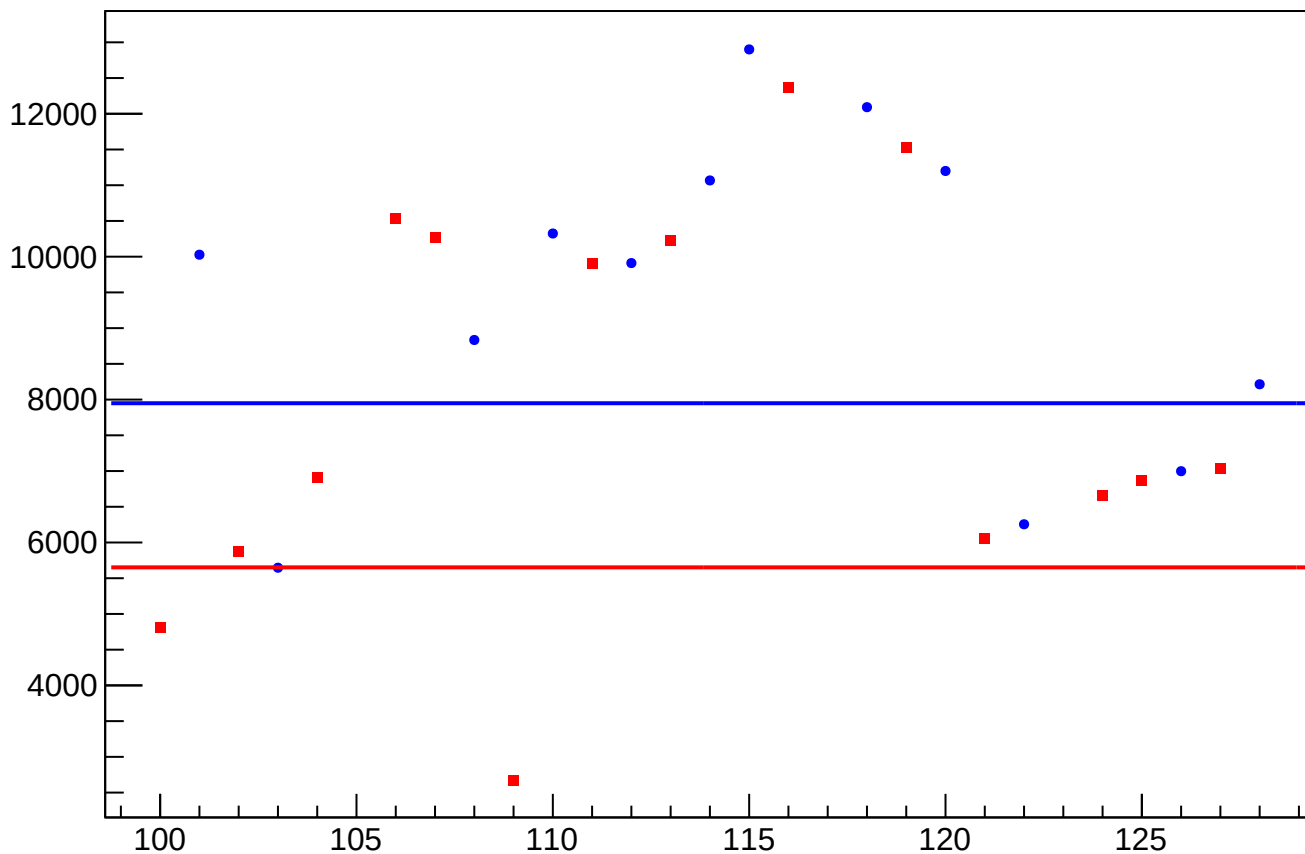
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.492 ± 2.223 χ^2/NDF : 17.9/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm11Y_rms vs Slug



Right In: 7949.069+/-2.623 χ^2/NDF : 656550.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

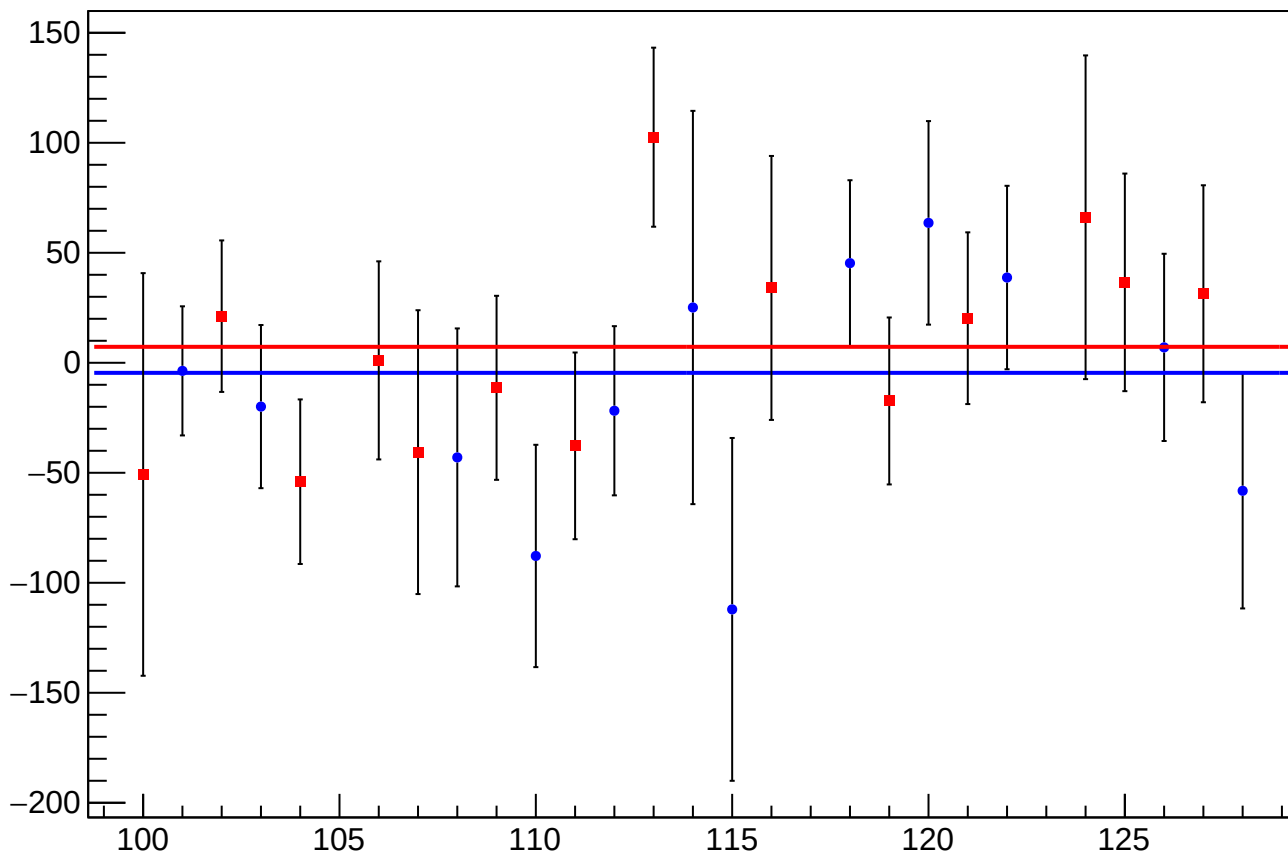
Right Out: 5651.847+/-1.963 χ^2/NDF : 1989420.3/13

All: 6476.706+/-1.572 χ^2/NDF : 3137622.0/25

- 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: -4.573+/-12.715 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.256+/-12.148 χ^2/NDF : 12.6/13

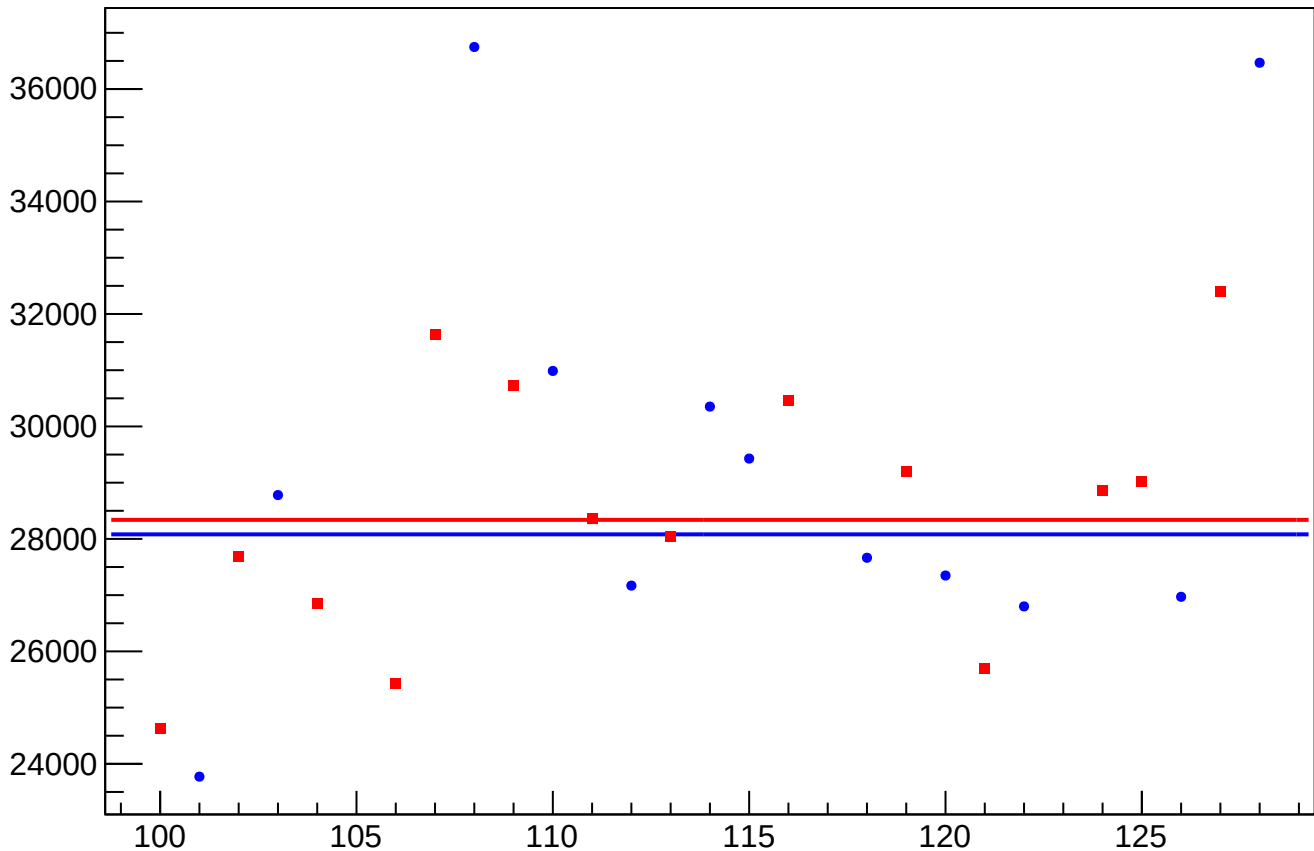
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.611+/-8.784 χ^2/NDF : 24.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm12X_rms vs Slug



Right In: 28081.179+/-8.991 χ^2/NDF : 150332.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28338.692+/-8.590 χ^2/NDF : 54135.9/13

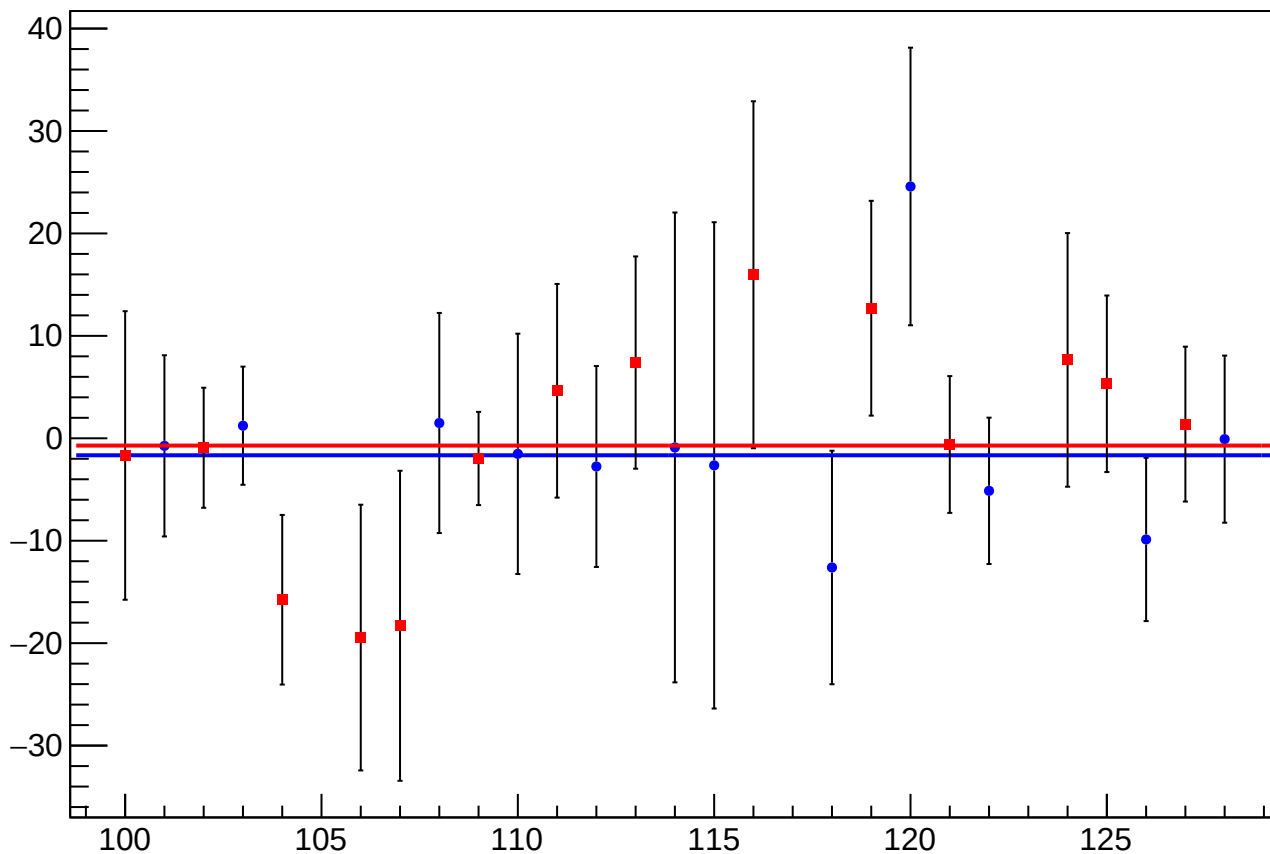
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28215.797+/-6.211 χ^2/NDF : 204897.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm12Y_mean vs Slug



Right In: -1.658 ± 2.708 χ^2/NDF : 6.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.711 ± 2.245 χ^2/NDF : 11.3/13

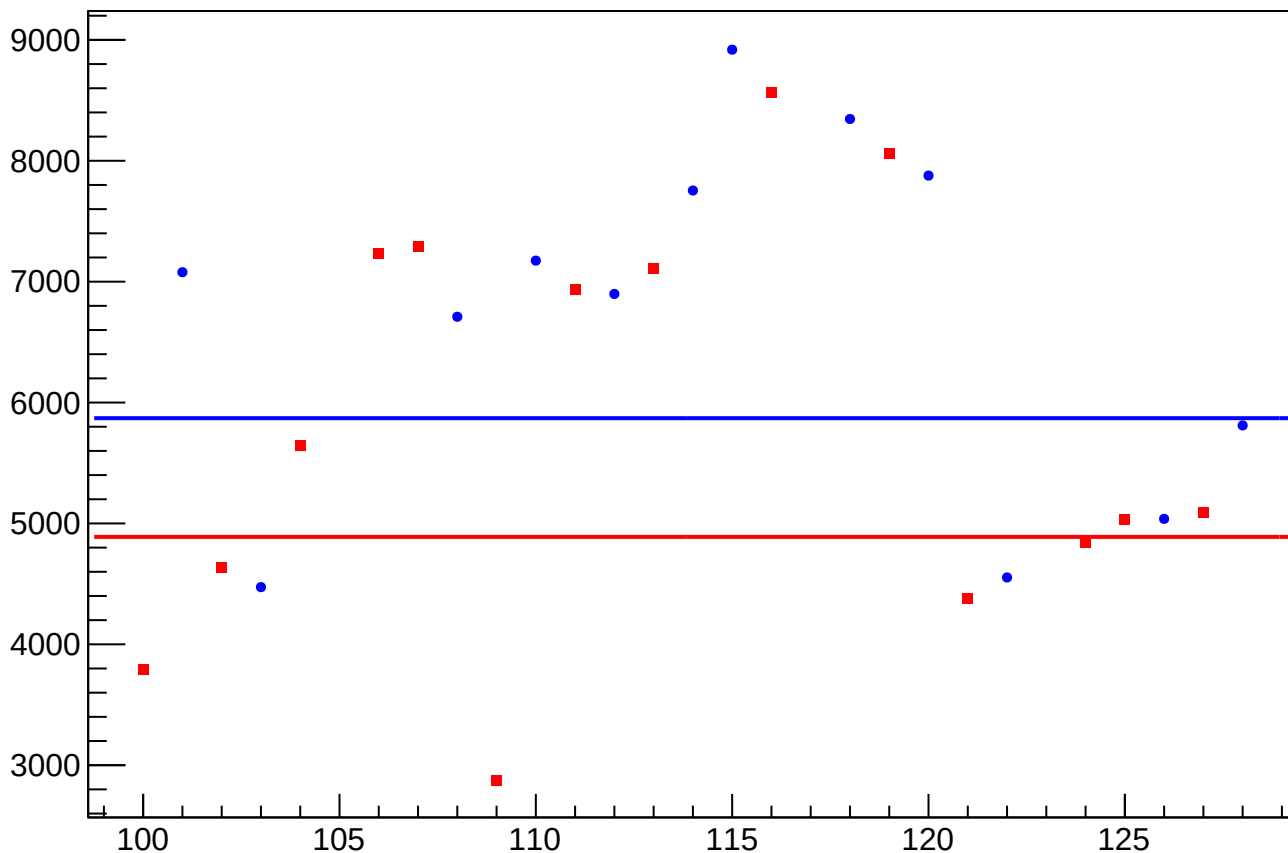
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.097 ± 1.728 χ^2/NDF : 17.8/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm12Y_rms vs Slug



Right In: 5870.658 $\pm$ 1.915 χ^2 /NDF: 488202.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4888.768 $\pm$ 1.588 χ^2 /NDF: 999812.7/13

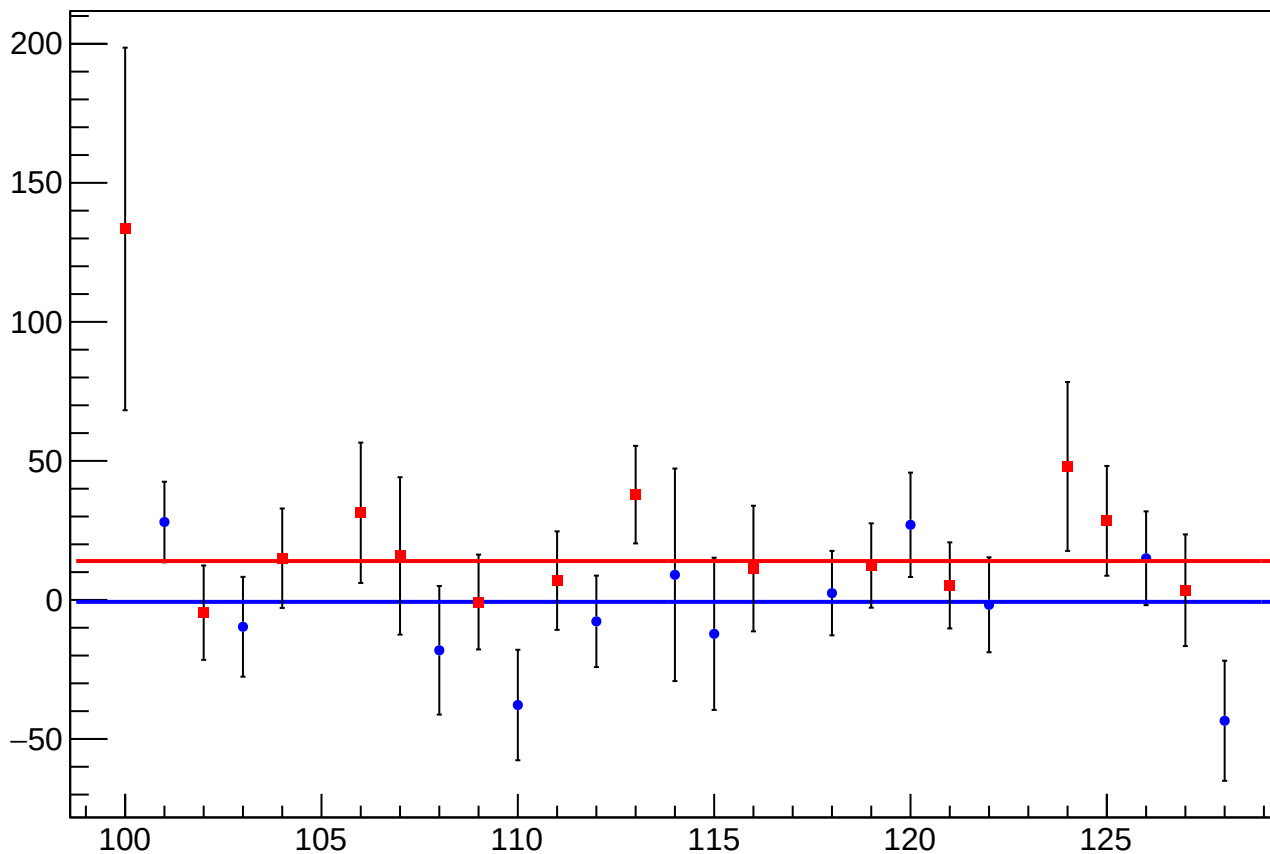
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5288.763 $\pm$ 1.222 χ^2 /NDF: 1643828.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm16X_mean vs Slug



Right In: -0.696 ± 5.403 χ^2/NDF : 15.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 13.982 ± 5.260 χ^2/NDF : 10.2/13

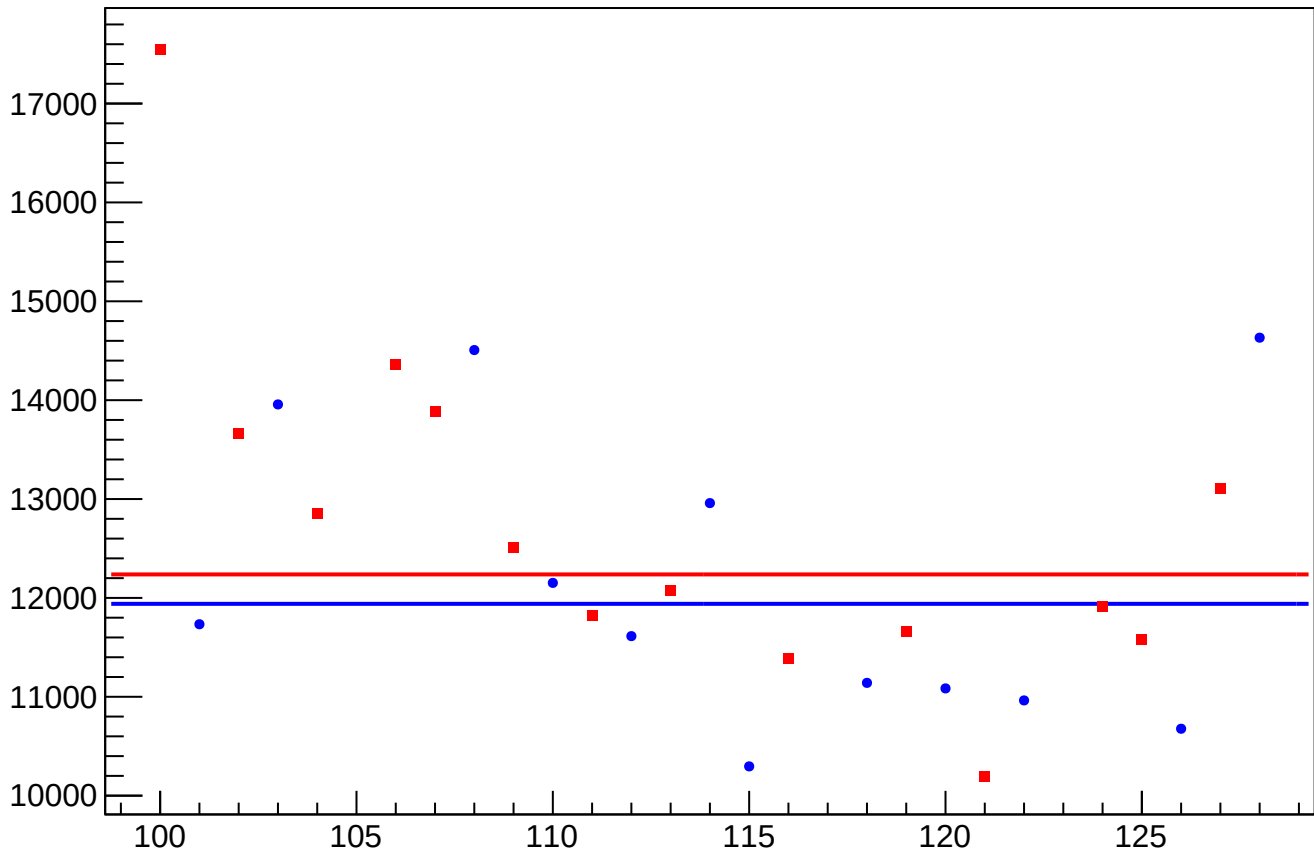
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 6.840 ± 3.769 χ^2/NDF : 29.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm16X_rms vs Slug



Right In: 11940.095+/-3.820 χ^2/NDF : 118518.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12237.580+/-3.720 χ^2/NDF : 99253.3/13

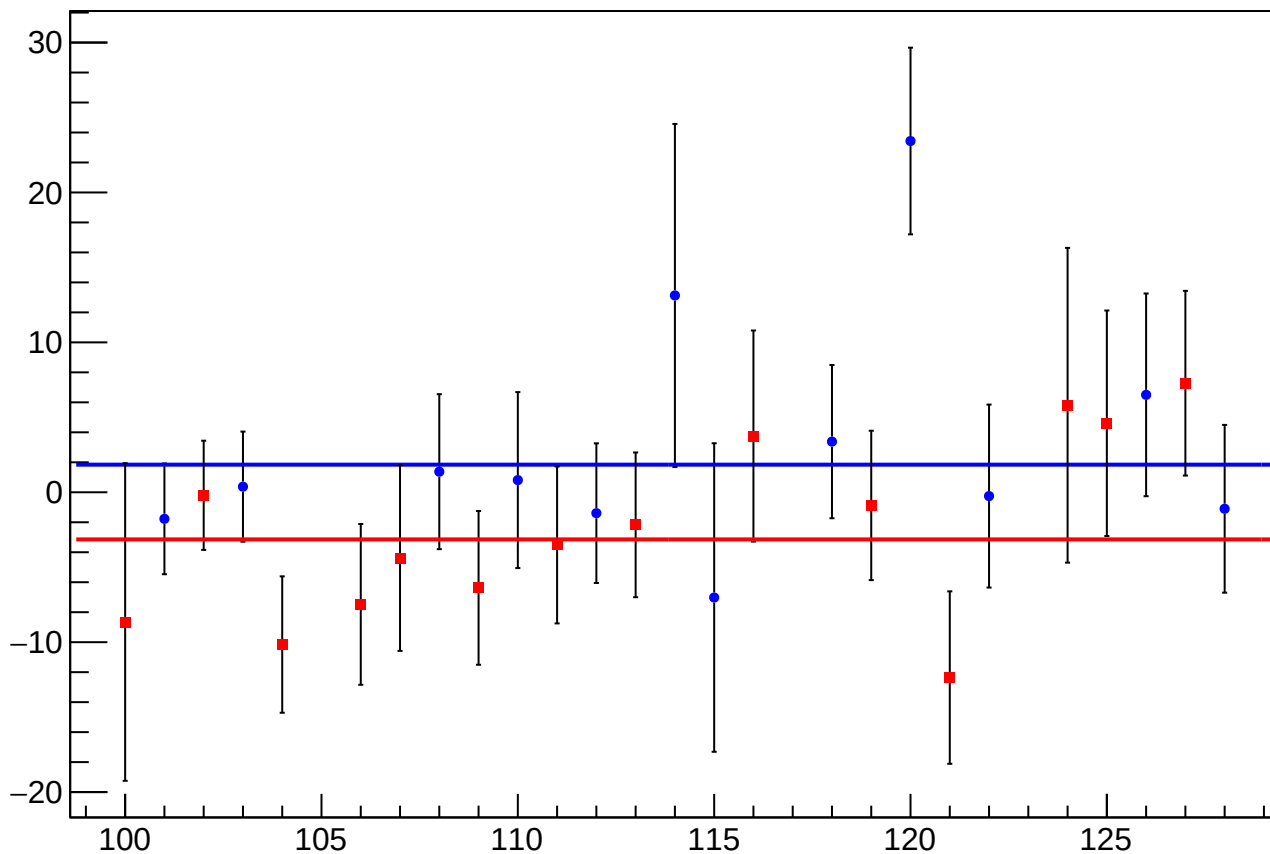
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12092.817+/-2.665 χ^2/NDF : 220884.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm16Y_mean vs Slug



Right In: 1.842 ± 1.540 χ^2/NDF : 16.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.142 ± 1.483 χ^2/NDF : 12.8/13

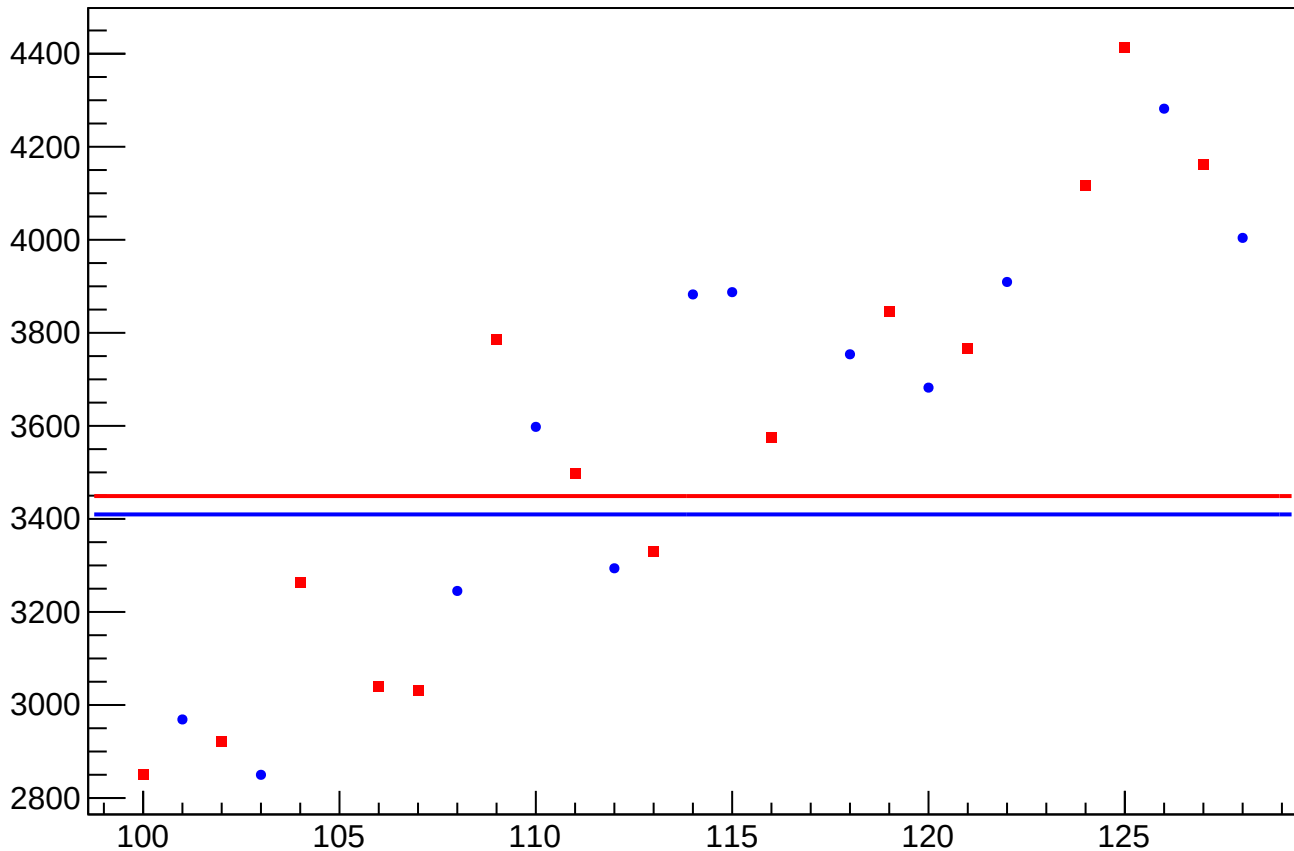
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.744 ± 1.068 χ^2/NDF : 34.6/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm16Y_rms vs Slug



Right In: 3409.663+/-1.089 χ^2/NDF : 170135.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

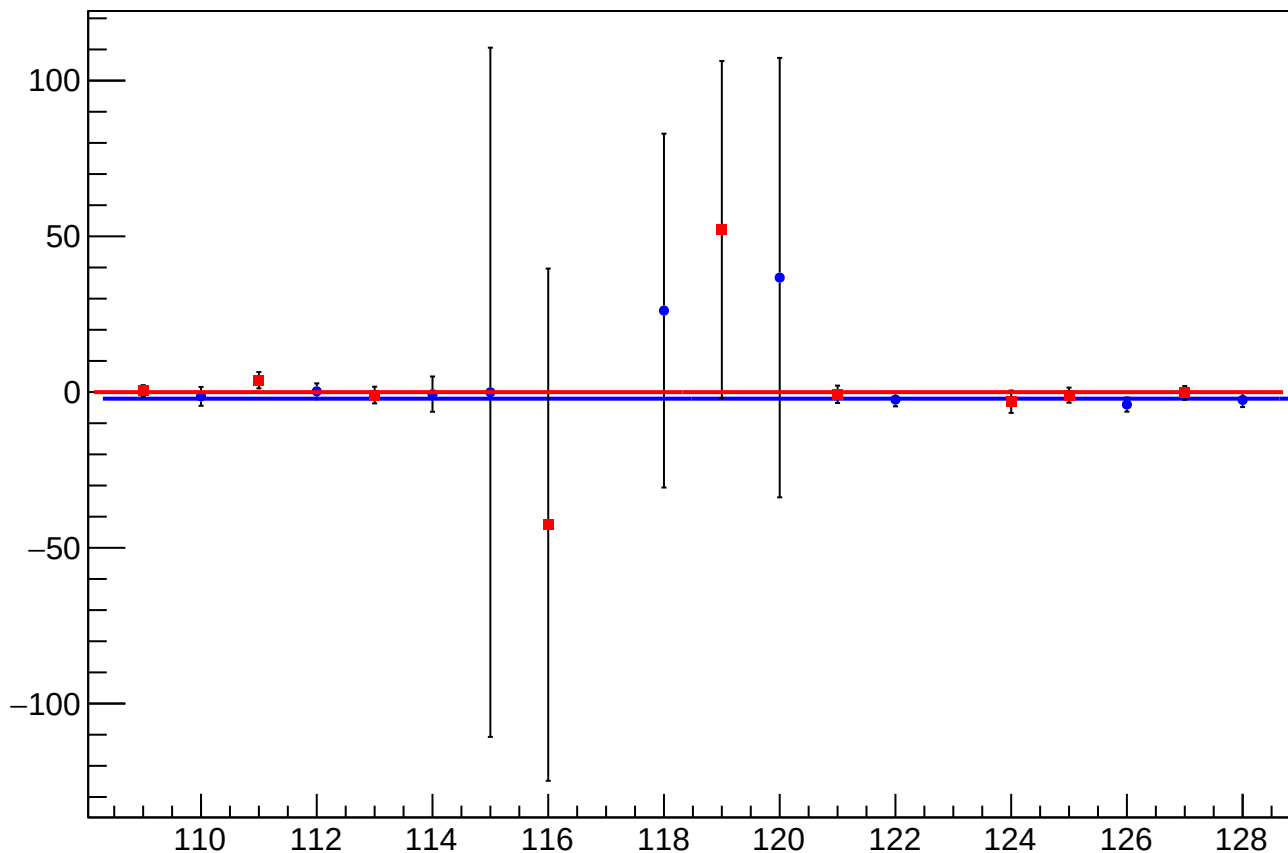
Right Out: 3449.112+/-1.049 χ^2/NDF : 169794.7/13

All: 3430.128+/-0.755 χ^2/NDF : 340611.1/25

- 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: -2.116+/-1.059 χ^2/NDF : 2.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.019+/-0.931 χ^2/NDF : 4.5/8

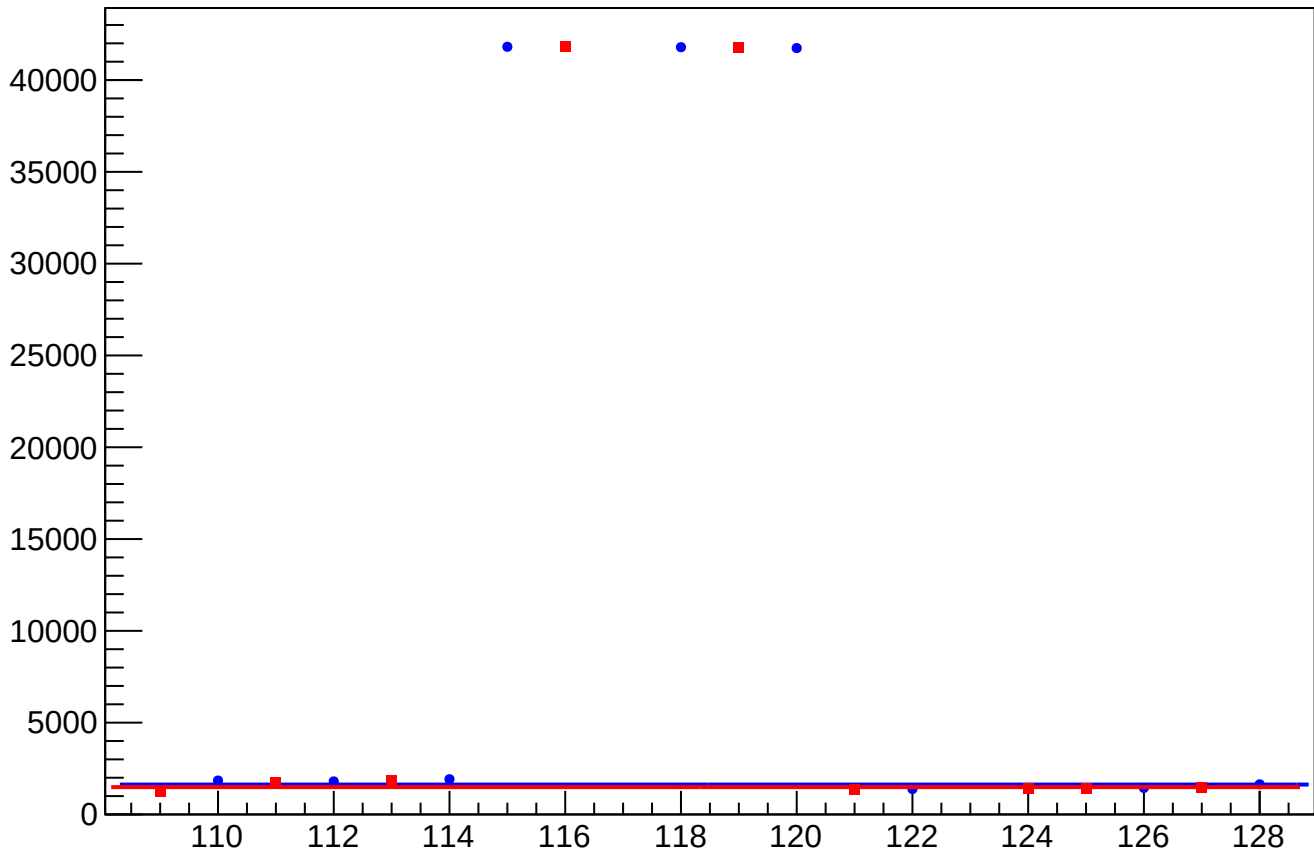
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.932+/-0.699 χ^2/NDF : 8.9/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p02bX_rms vs Slug



Right In: 1627.453+/-0.749 χ^2/NDF : 1973060.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

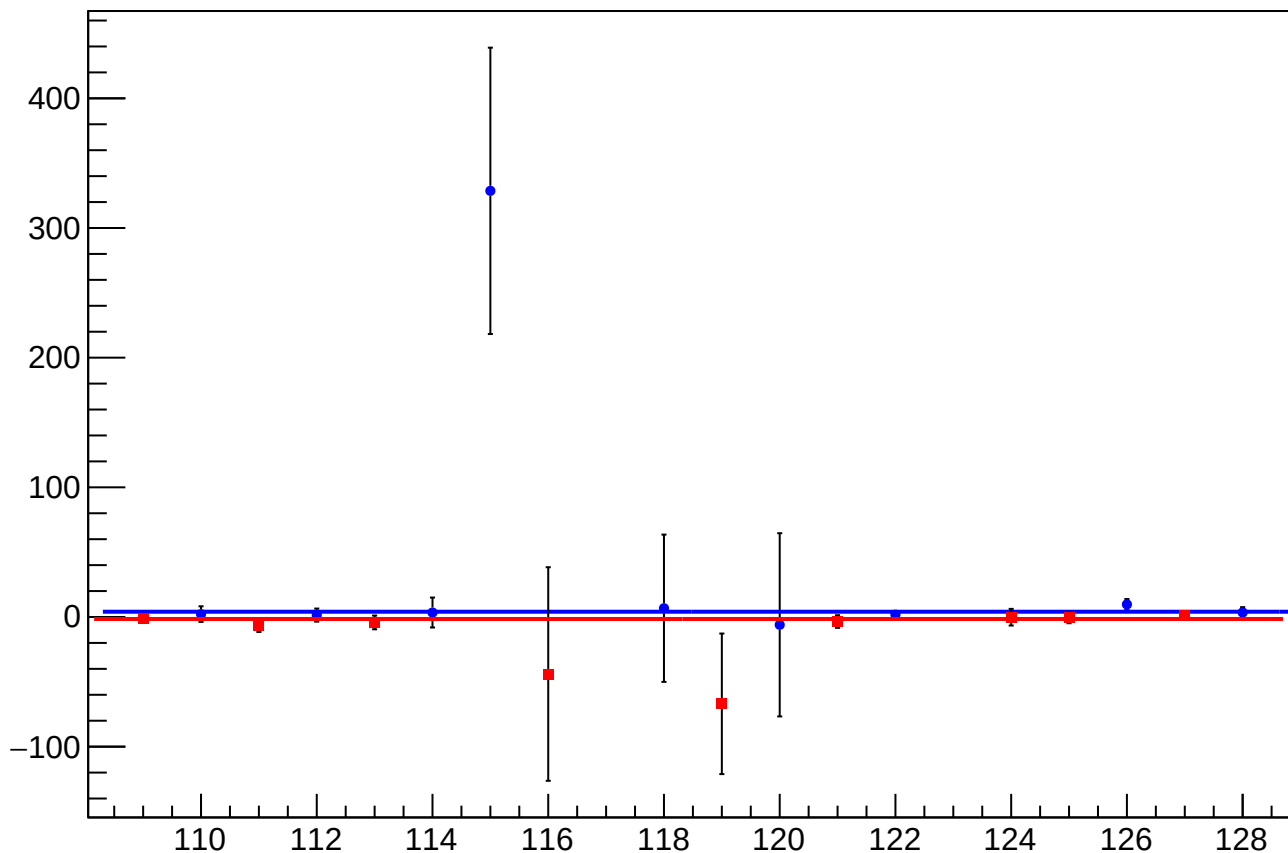
Right Out: 1489.085+/-0.658 χ^2/NDF : 1688144.8/8

All: 1549.365+/-0.494 χ^2/NDF : 3680463.6/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p02bY_mean vs Slug



Right In: 4.065+/-1.951 χ^2/NDF : 11.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.538+/-1.623 χ^2/NDF : 3.7/8

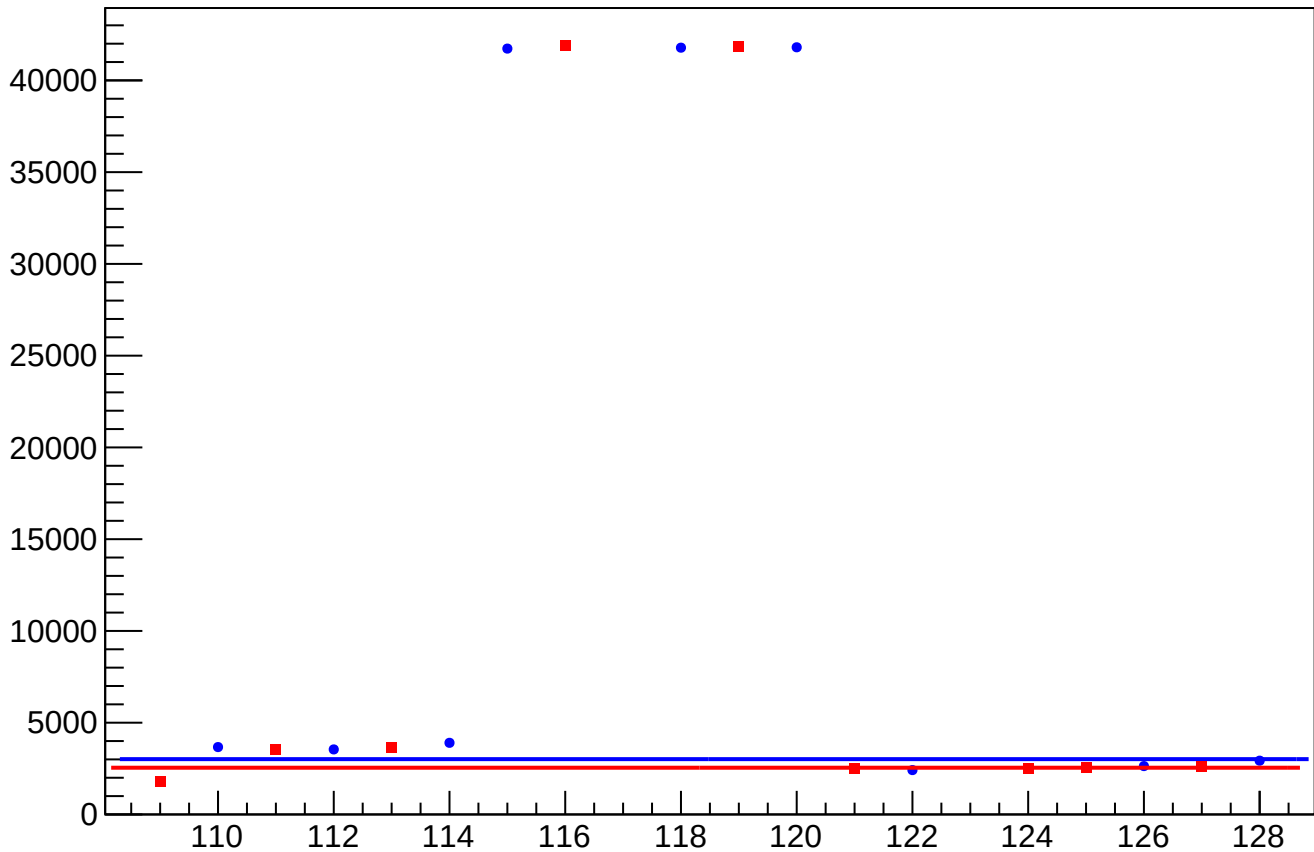
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.753+/-1.248 χ^2/NDF : 19.8/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p02bY_rms vs Slug



Right In: 3014.458+/-1.380 χ^2/NDF : 1905774.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2546.739+/-1.147 χ^2/NDF : 1803918.9/8

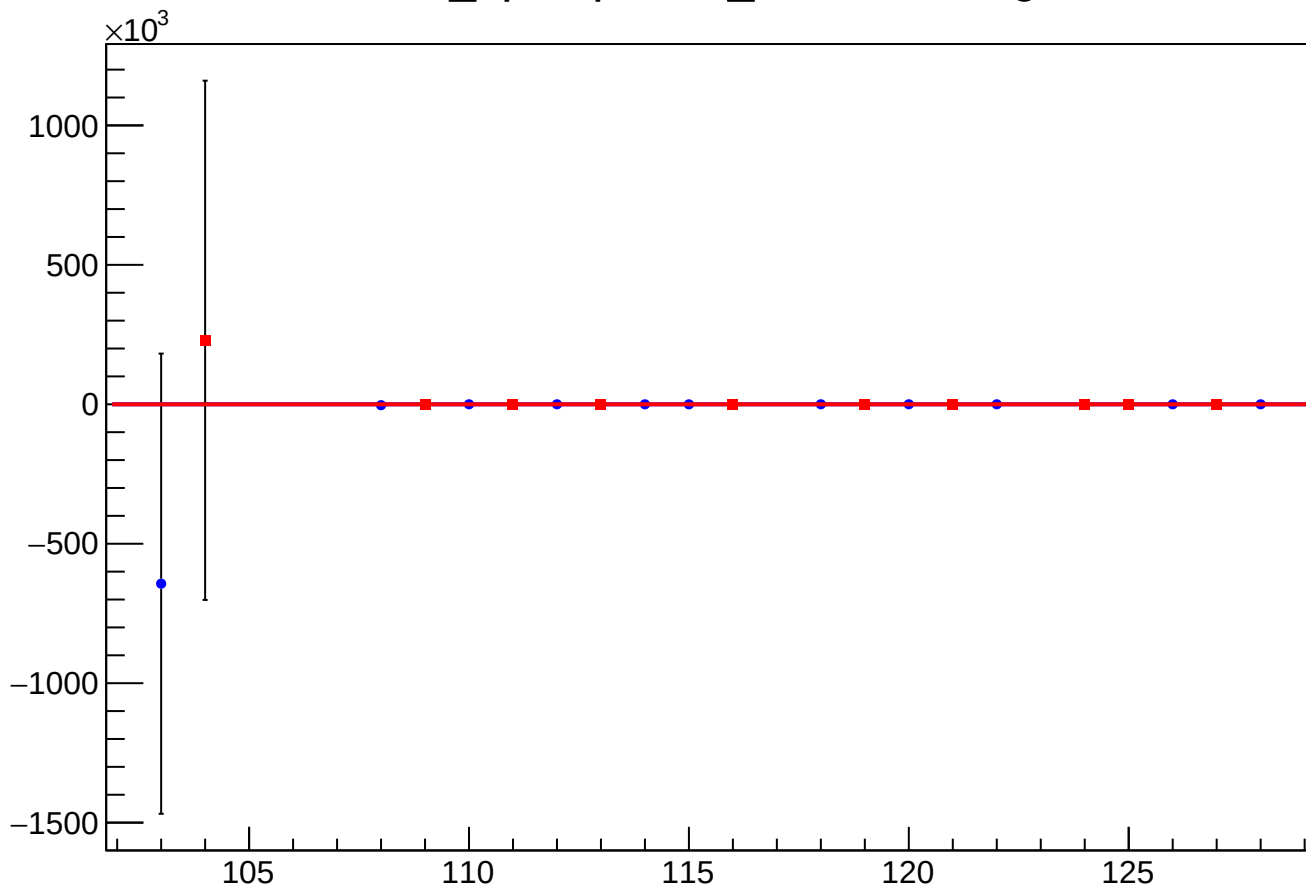
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2737.945+/-0.882 χ^2/NDF : 3777614.3/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p03aX_mean vs Slug



Right In: 2.355 $\pm$ 1.905 χ^2 /NDF: 12.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -5.163 $\pm$ 1.775 χ^2 /NDF: 9.6/9

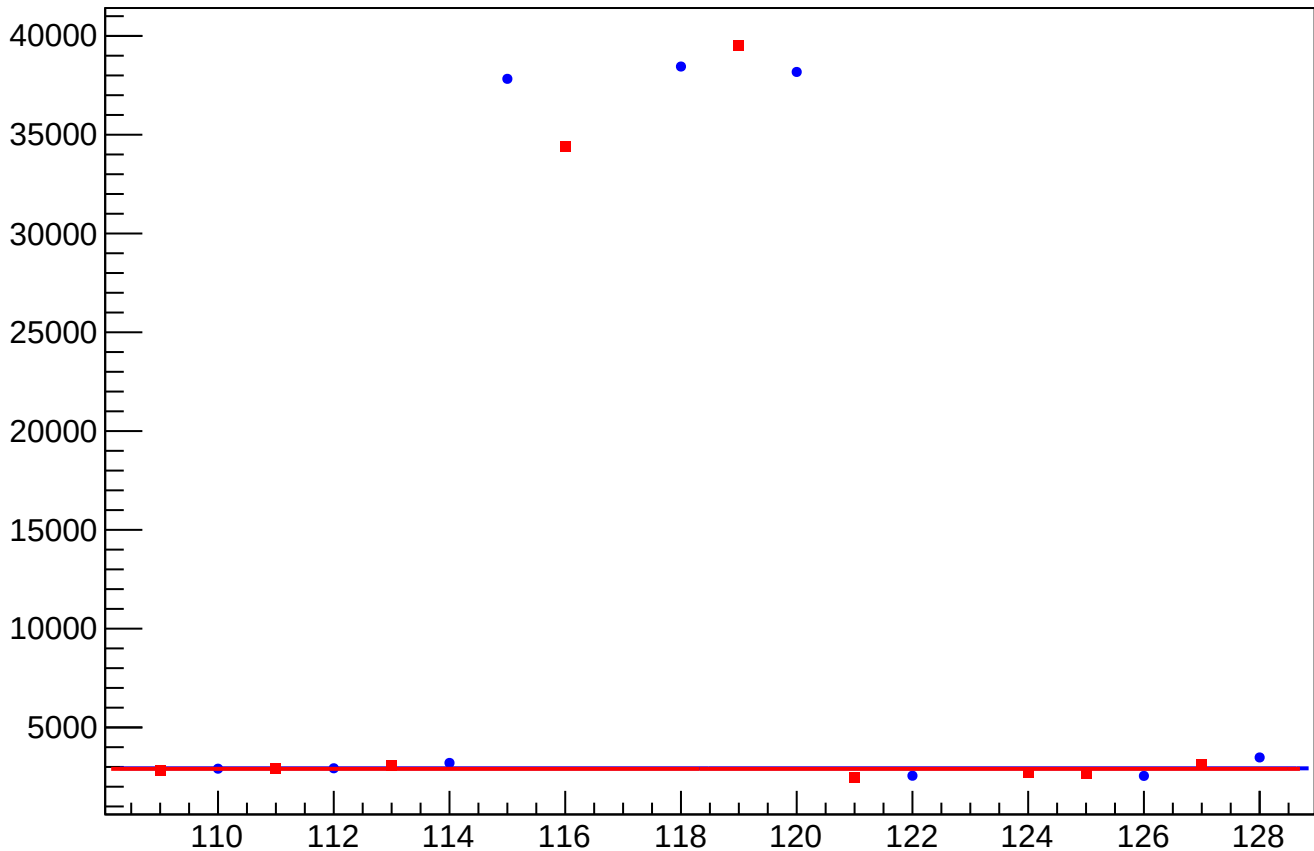
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.669 $\pm$ 1.298 χ^2 /NDF: 29.9/20

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1p03aX_rms vs Slug



Right In: 2929.967+/-1.347 χ^2/NDF : 1817130.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

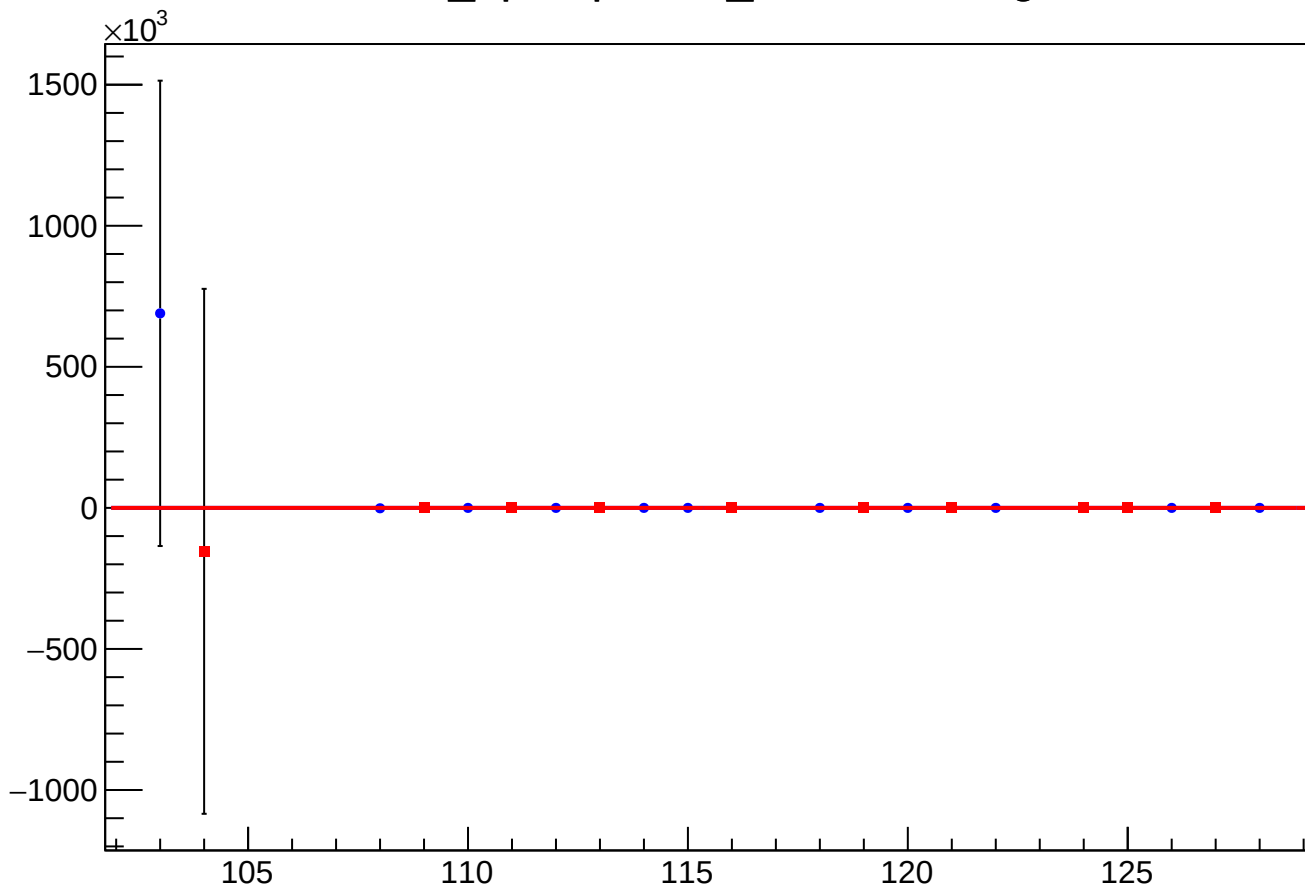
Right Out: 2903.893+/-1.255 χ^2/NDF : 1485823.9/8

All: 2916.012+/-0.918 χ^2/NDF : 3303155.3/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p03aY_mean vs Slug



Right In: 1.819 $\pm$ 1.790 χ^2/NDF : 3.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -1.889 $\pm$ 1.455 χ^2/NDF : 2.6/9

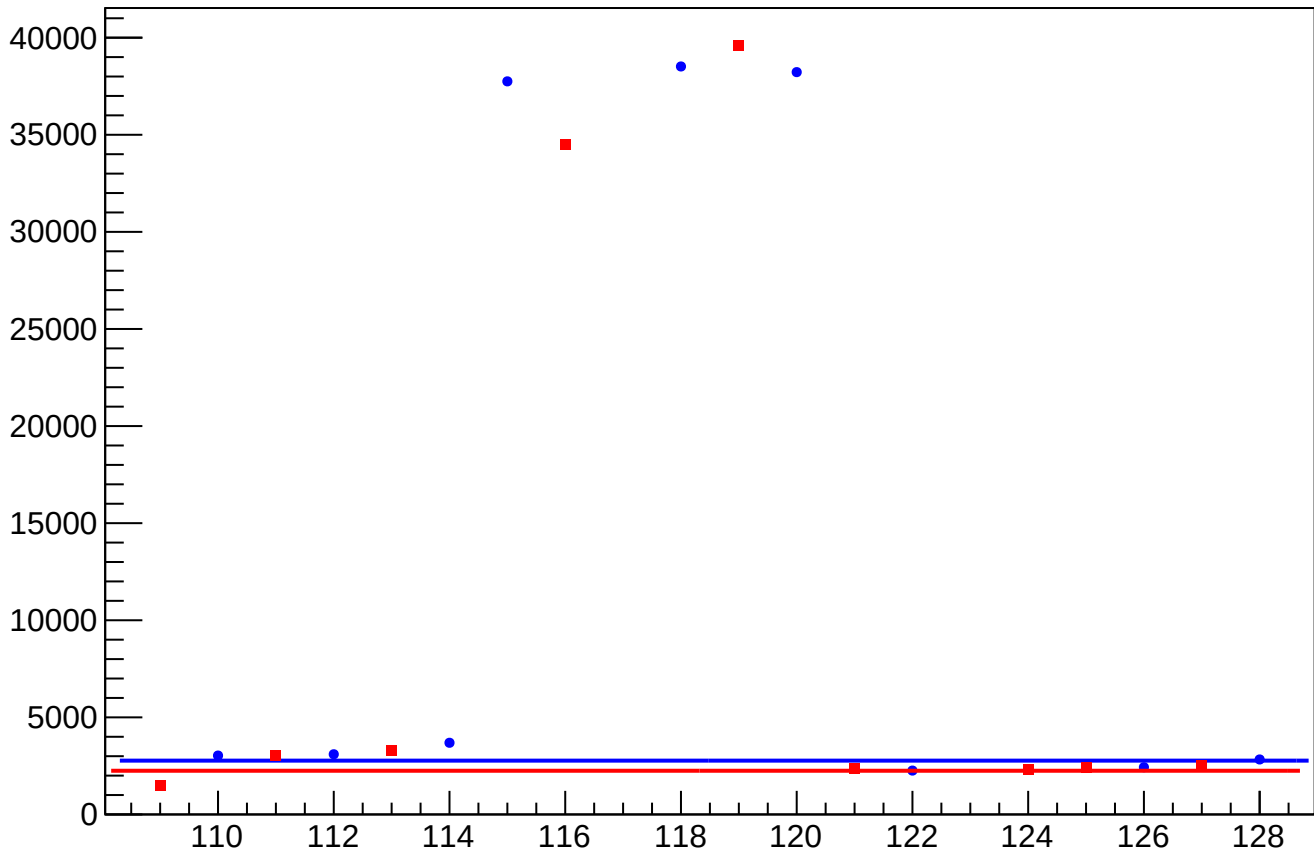
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.413 $\pm$ 1.129 χ^2/NDF : 8.6/20

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_bpm1p03aY_rms vs Slug



Right In: 2771.565+/-1.266 χ^2/NDF : 1862243.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

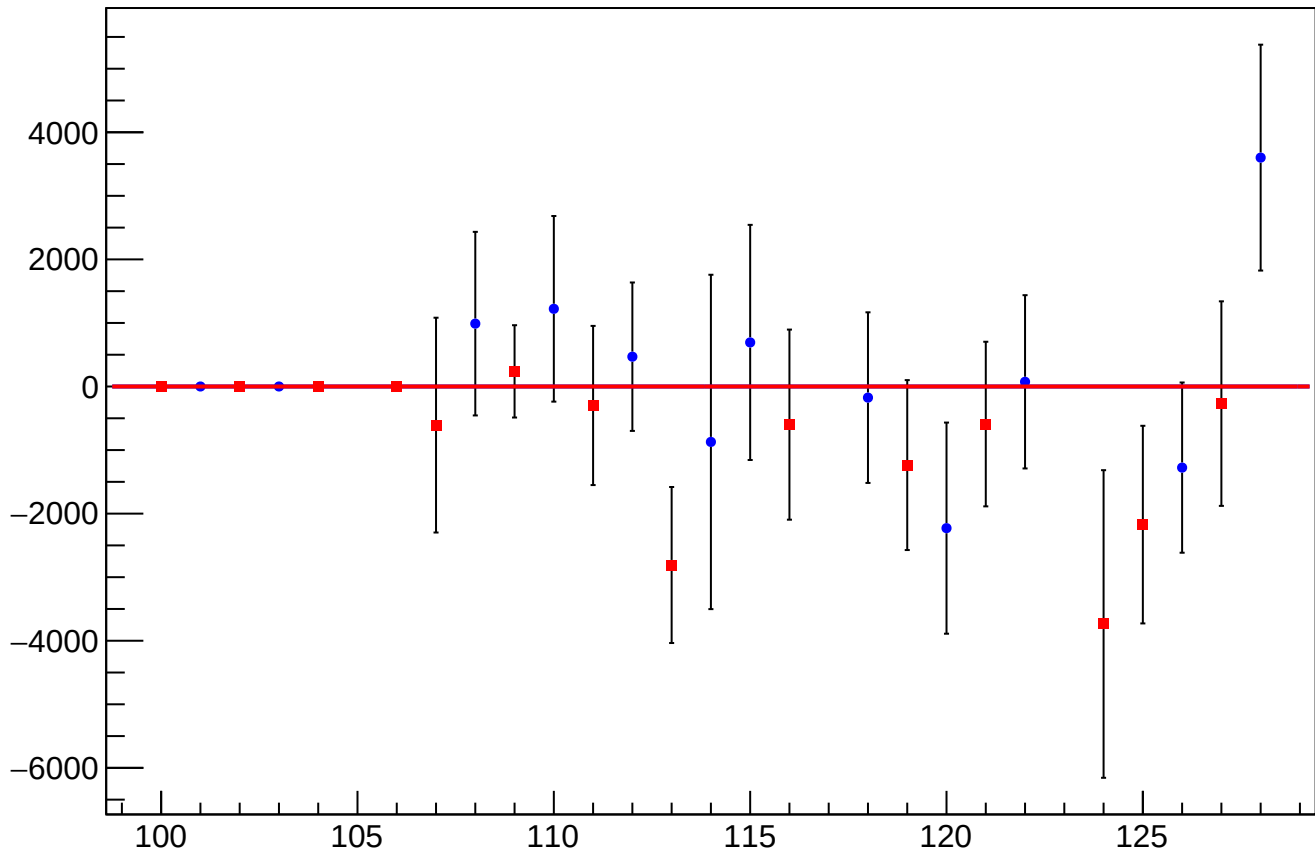
Right Out: 2250.579+/-1.029 χ^2/NDF : 1896179.3/8

All: 2457.945+/-0.798 χ^2/NDF : 3860436.5/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_cav4bX_mean vs Slug



Right In: 0.256+/-0.356 χ^2/NDF : 8.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.096+/-0.328 χ^2/NDF : 14.6/13

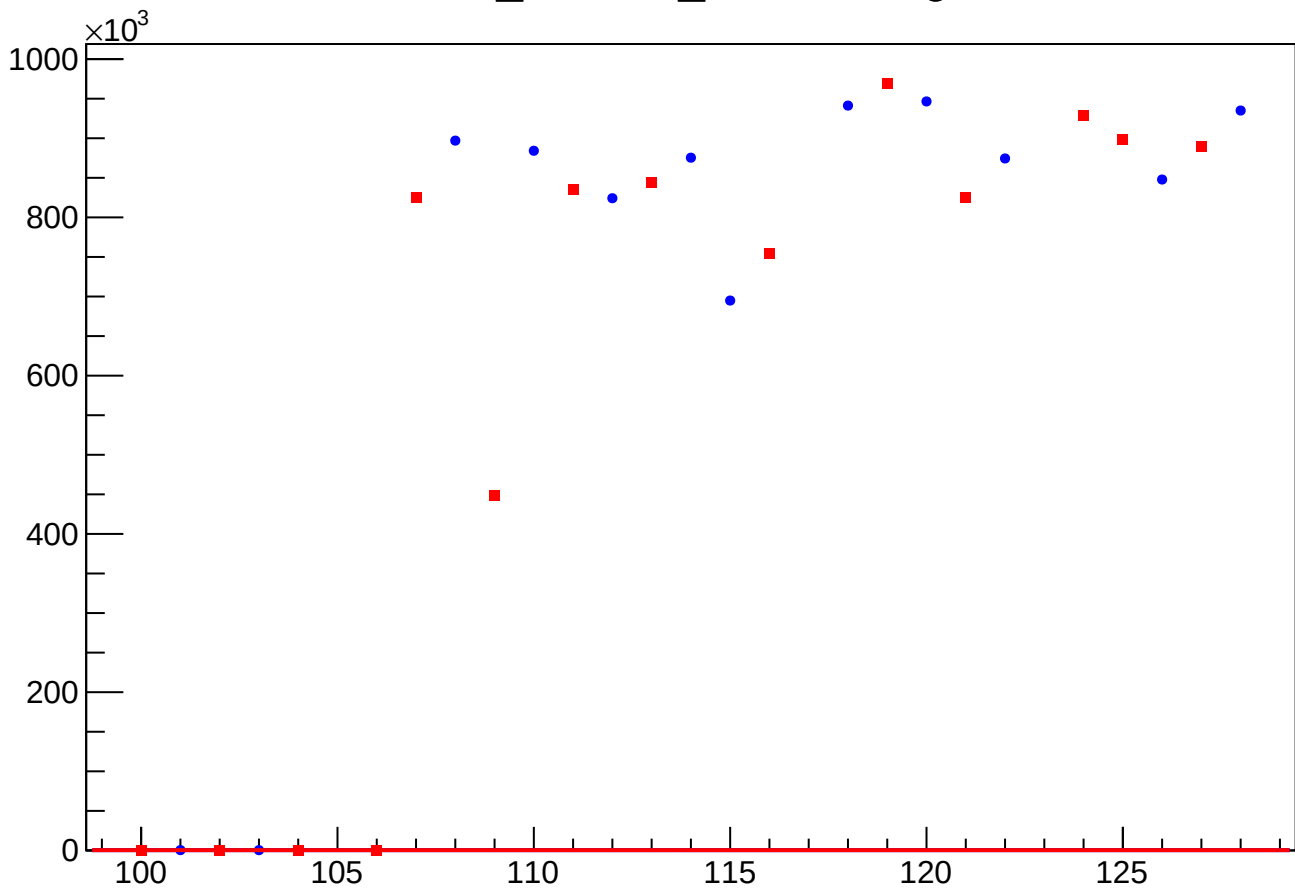
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.169+/-0.241 χ^2/NDF : 23.2/25

- 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: 393.093 $\pm$ 0.232 χ^2/NDF : 5914672.4/13

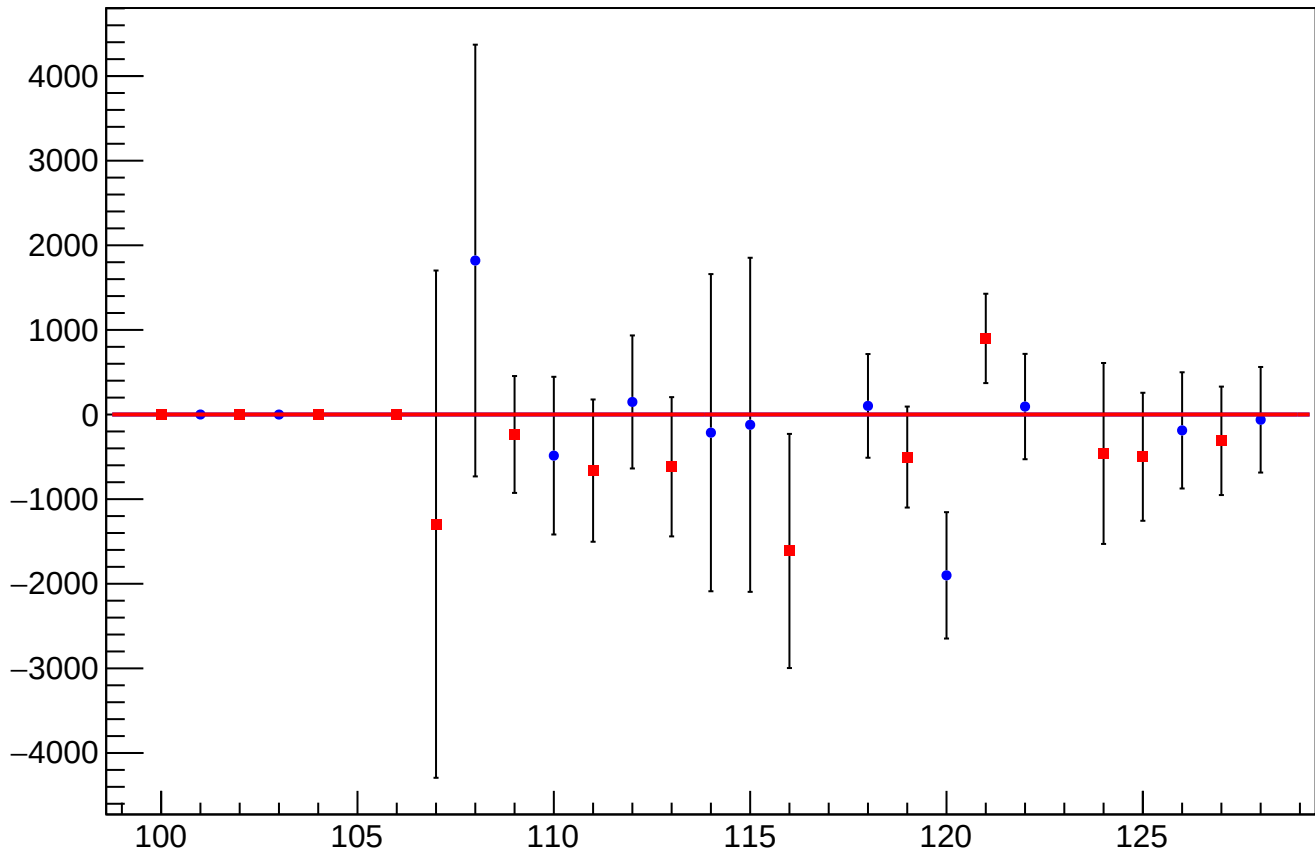
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 395.624 $\pm$ 0.170 χ^2/NDF : 11796297.7/25

- 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 : 8.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.598+/-0.324 χ^2/NDF : 7.4/13

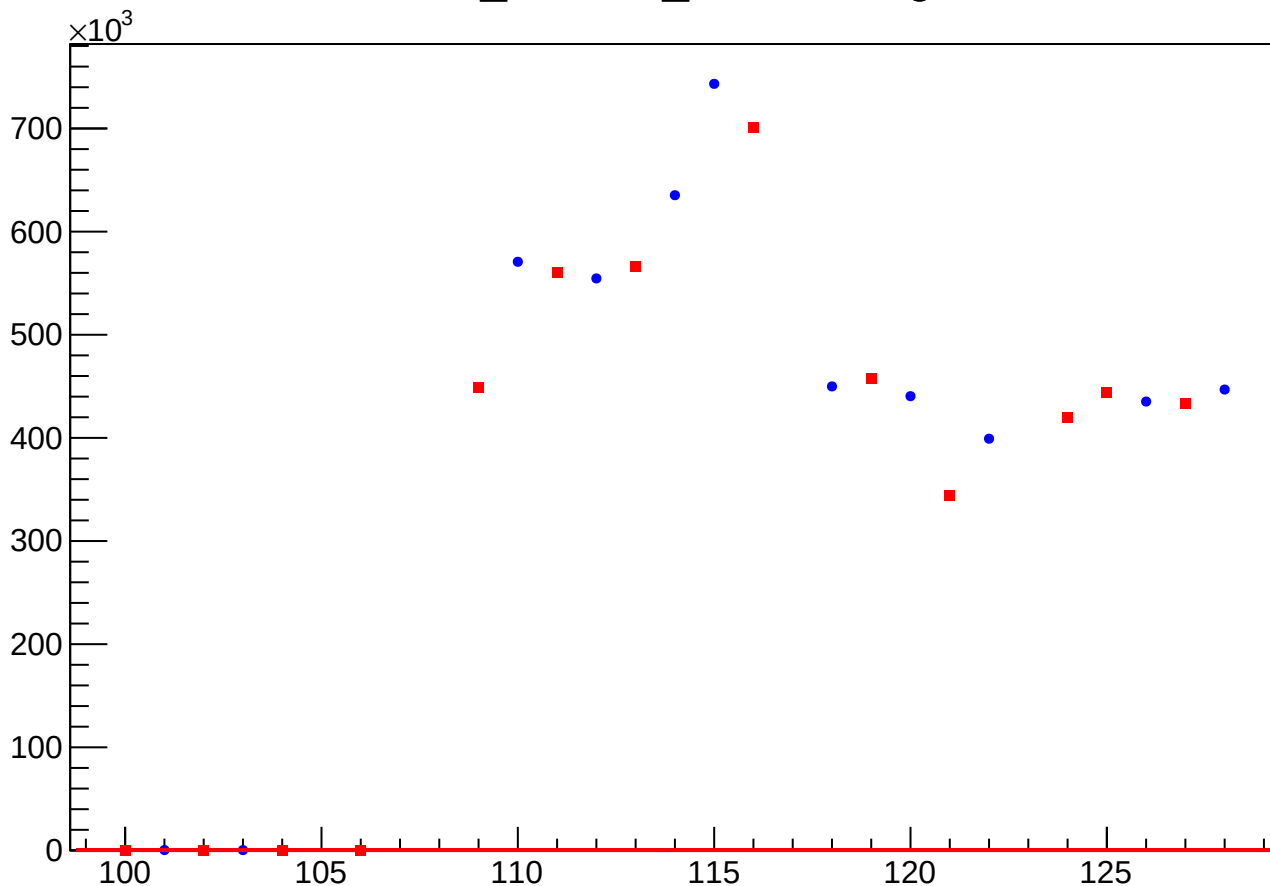
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.310+/-0.237 χ^2/NDF : 17.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_cav4bY_rms vs Slug



Right In: 389.511 $\pm$ 0.245 χ^2/NDF : 6686745.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 387.376 $\pm$ 0.229 χ^2/NDF : 7117049.1/12

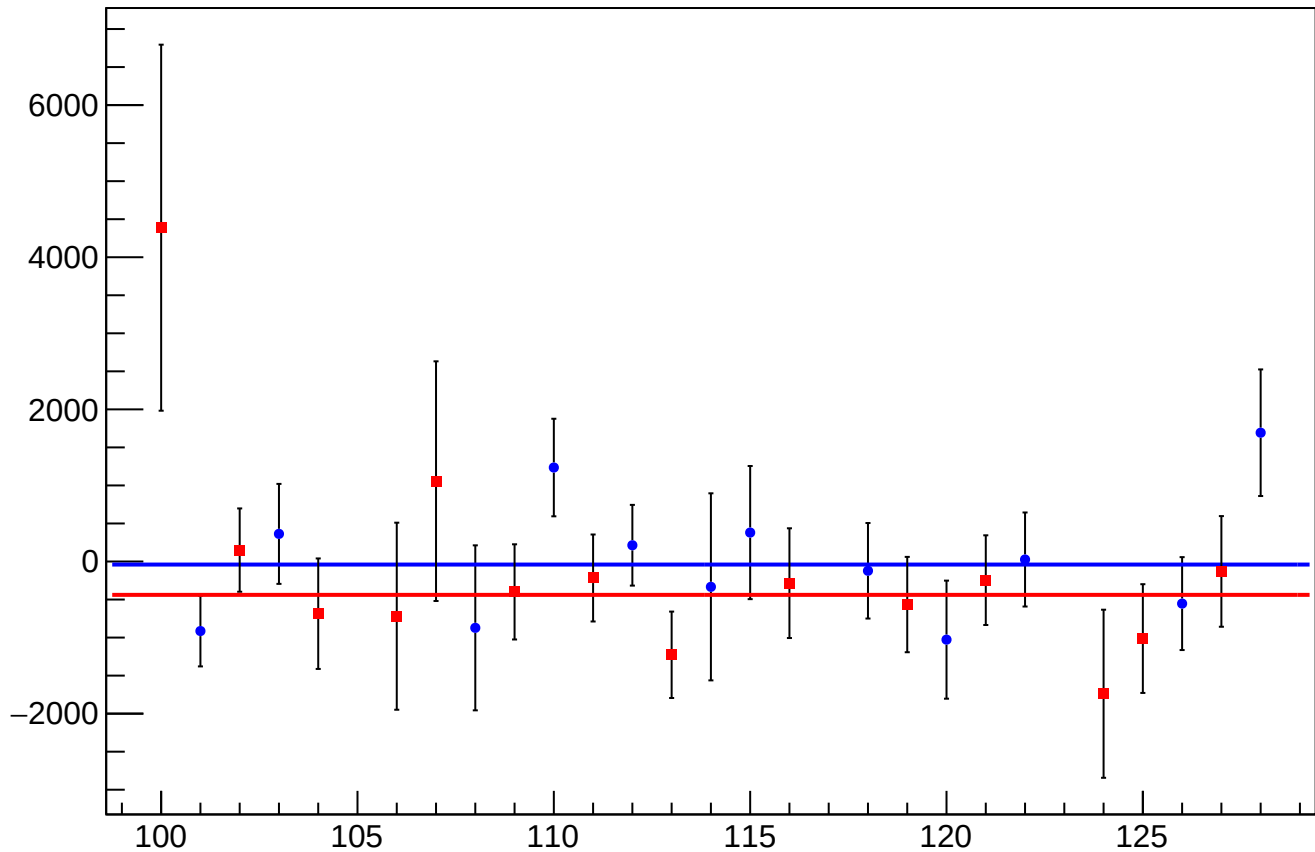
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 388.369 $\pm$ 0.167 χ^2/NDF : 13803835.1/23

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_cav4cX_mean vs Slug



Right In: -40.119 ± 193.608 χ^2/NDF : 15.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -438.542 ± 191.769 χ^2/NDF : 10.7/13

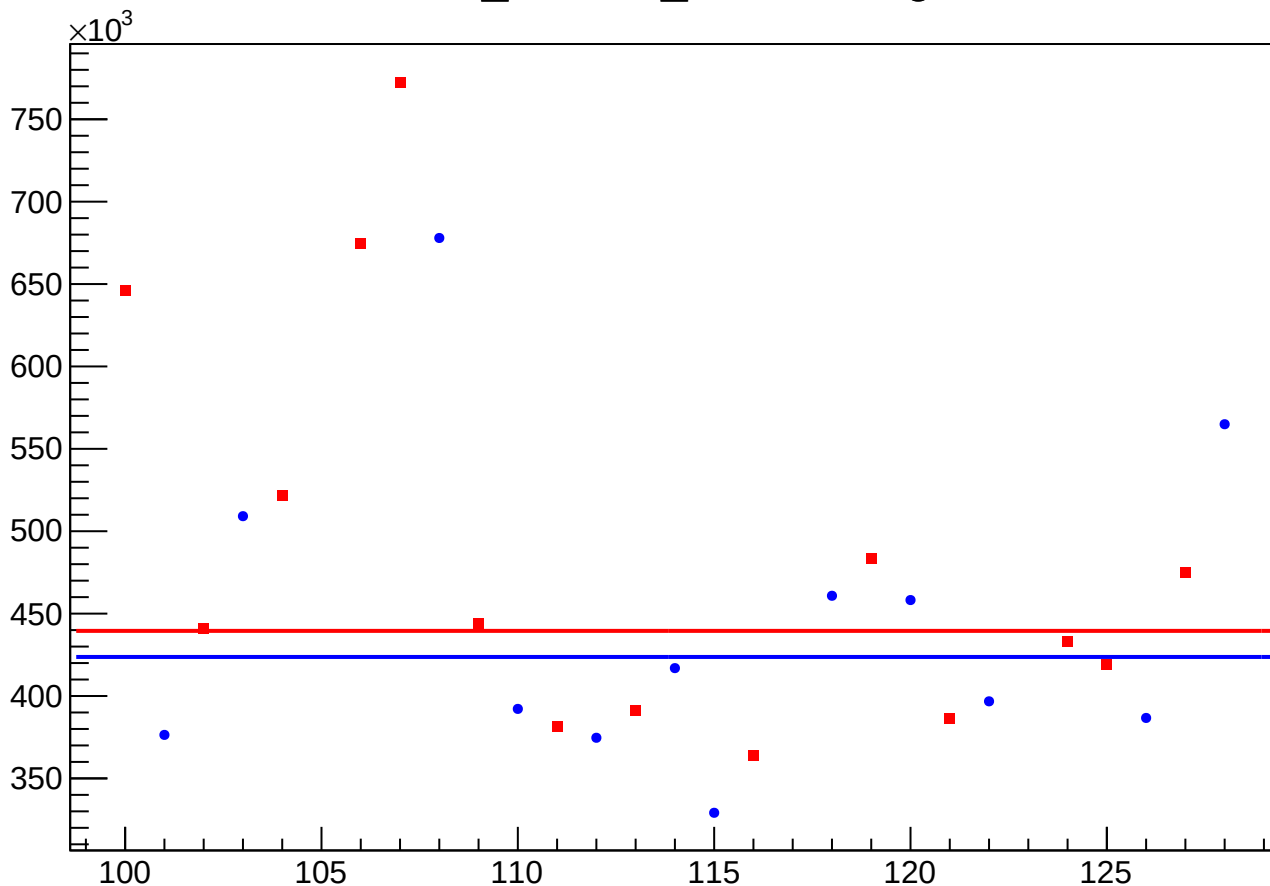
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -241.233 ± 136.247 χ^2/NDF : 28.5/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_cav4cX_rms vs Slug



Right In: 423699.568 $\pm$ 136.945 χ^2 /NDF: 288775.3/11

+ 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

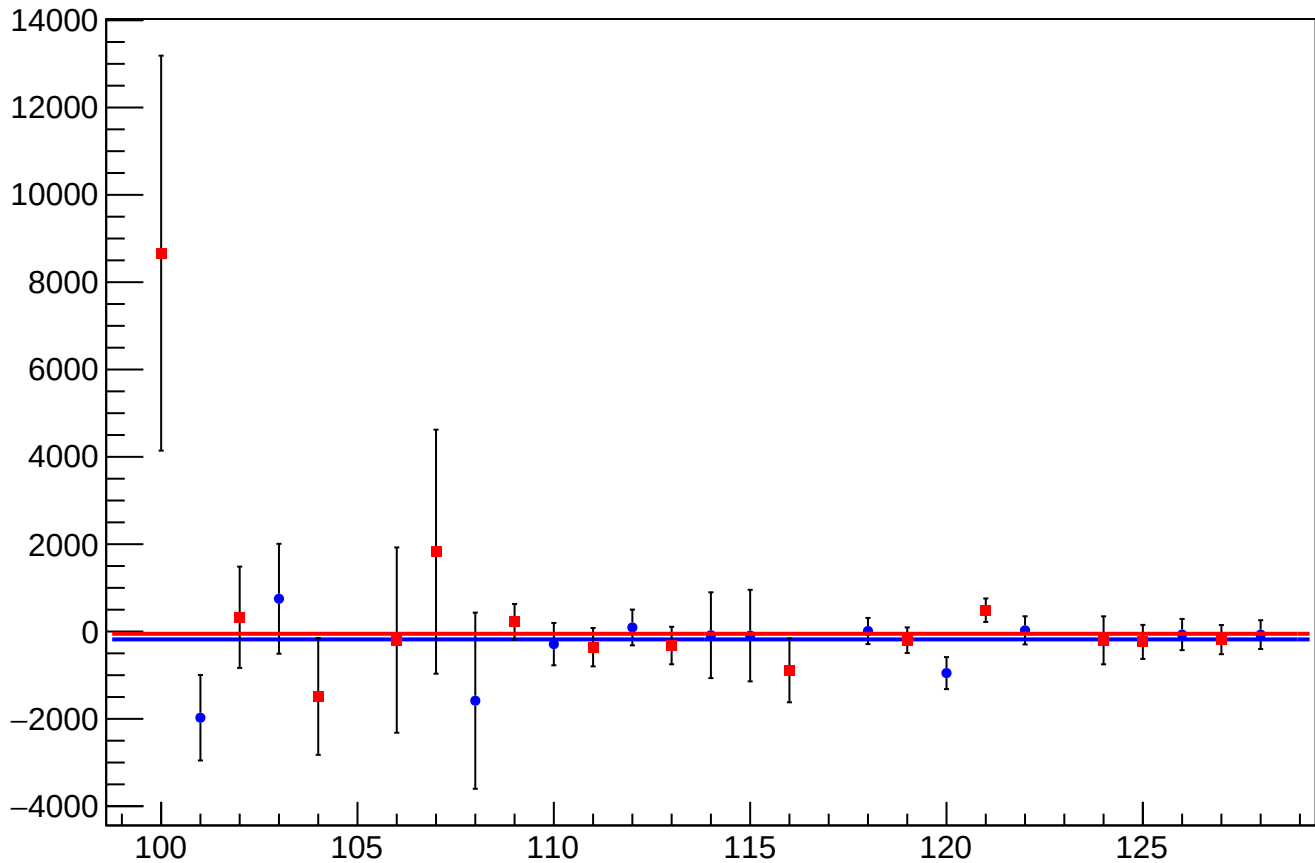
Right Out: 439526.311 $\pm$ 135.652 χ^2 /NDF: 289965.6/13

All: 431687.958 $\pm$ 96.374 χ^2 /NDF: 585482.5

- sign 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: -180.481+/-129.800 χ^2/NDF : 10.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -51.600+/-124.415 χ^2/NDF : 12.8/13

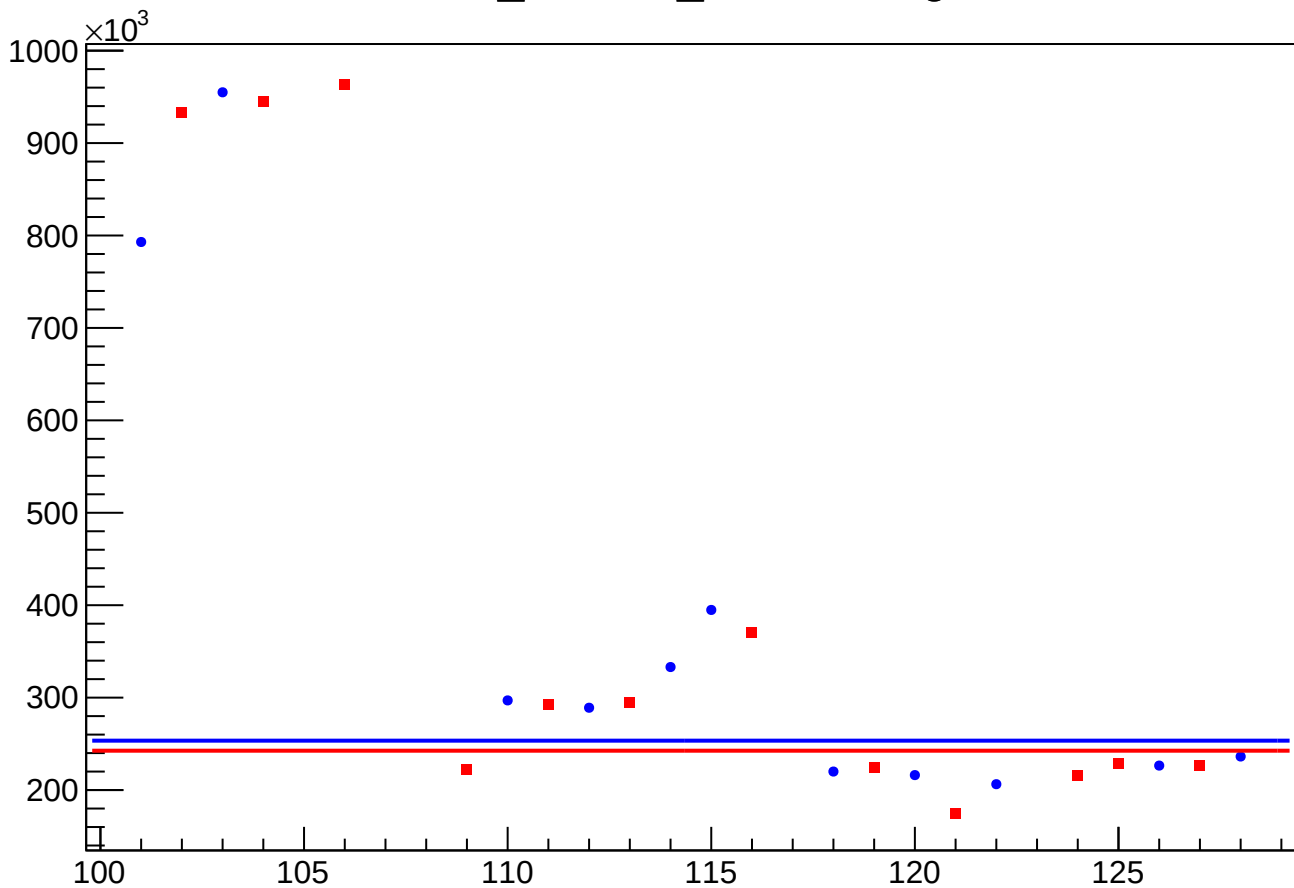
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -113.311+/-89.818 χ^2/NDF : 23.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_cav4cY_rms vs Slug



Right In: 253443.861 $\pm$ 92.130 χ^2 /NDF: 1216890.4/10

+ 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

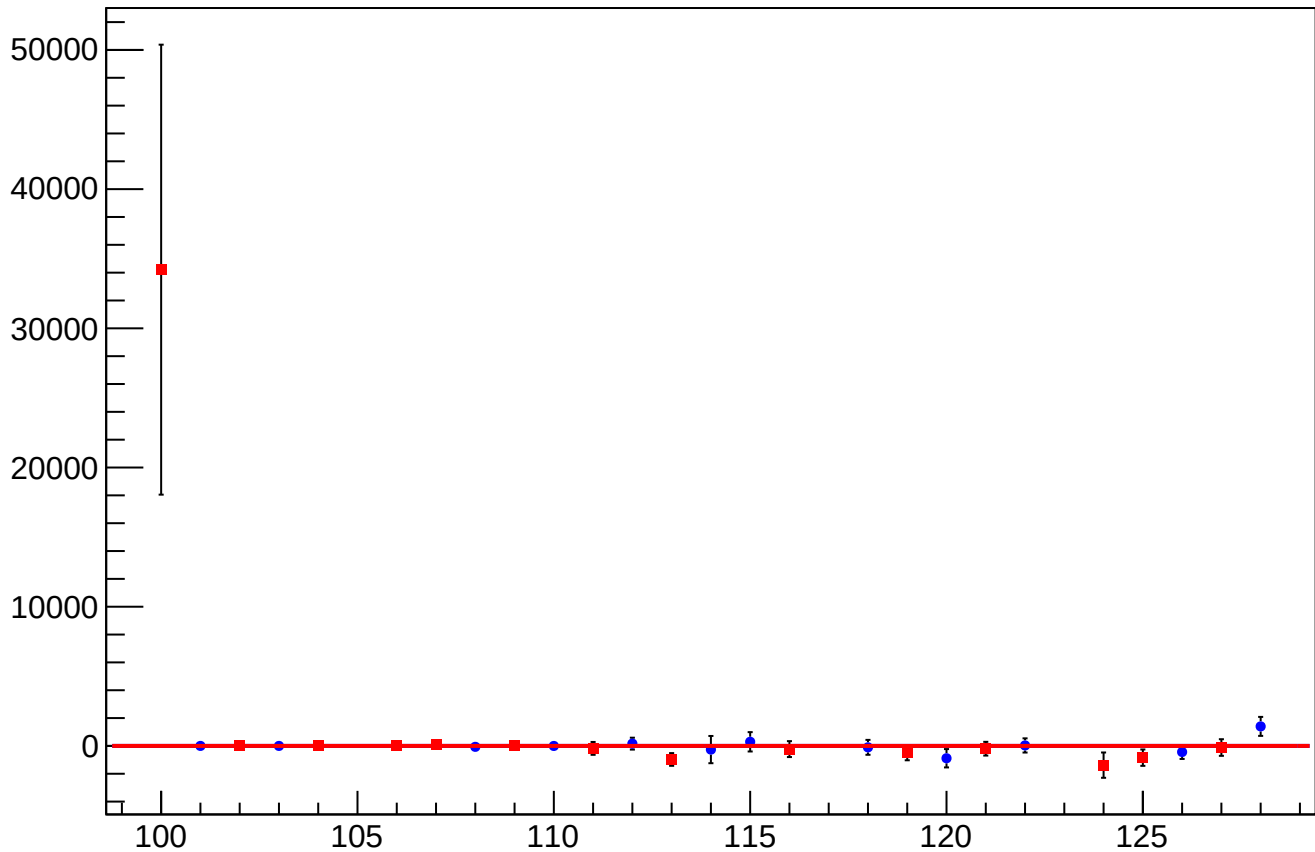
Right Out: 242578.064 $\pm$ 88.419 χ^2 /NDF: 1417561.0/11

All: 247787.751 $\pm$ 63.793 χ^2 /NDF: 2641692.0/12

- sign 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 : 8.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.355 ± 0.160 χ^2/NDF : 15.6/13

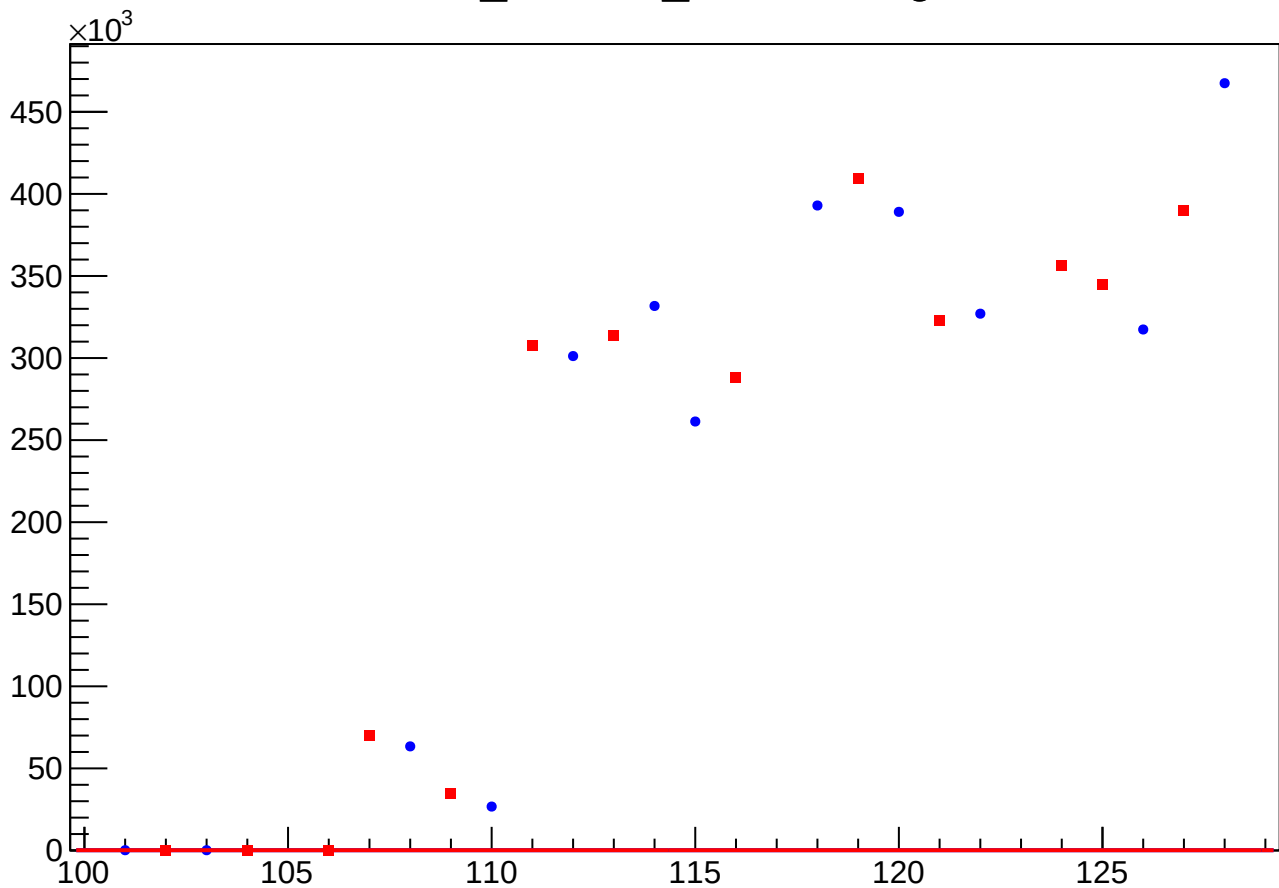
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.207 ± 0.117 χ^2/NDF : 25.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_cav4dX_rms vs Slug



Right In: 148.868 $\pm$ 0.122 χ^2/NDF : 6900295.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 149.226 $\pm$ 0.113 χ^2/NDF : 7320533.1/12

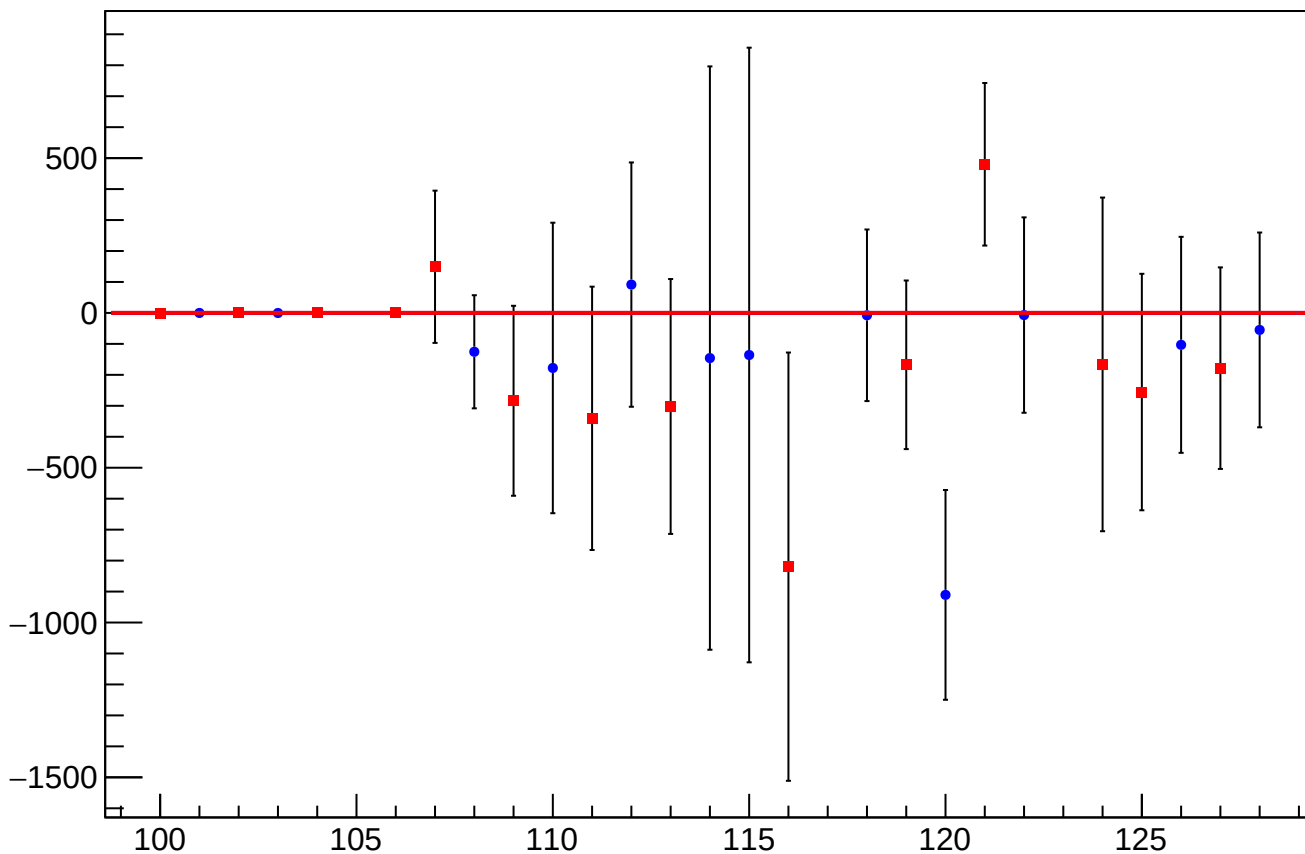
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 149.060 $\pm$ 0.083 χ^2/NDF : 14220832.8/24

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_cav4dY_mean vs Slug



Right In: -0.068 ± 0.177 $\chi^2/\text{NDF}: 8.2/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.126 ± 0.166 $\chi^2/\text{NDF}: 8.6/13$

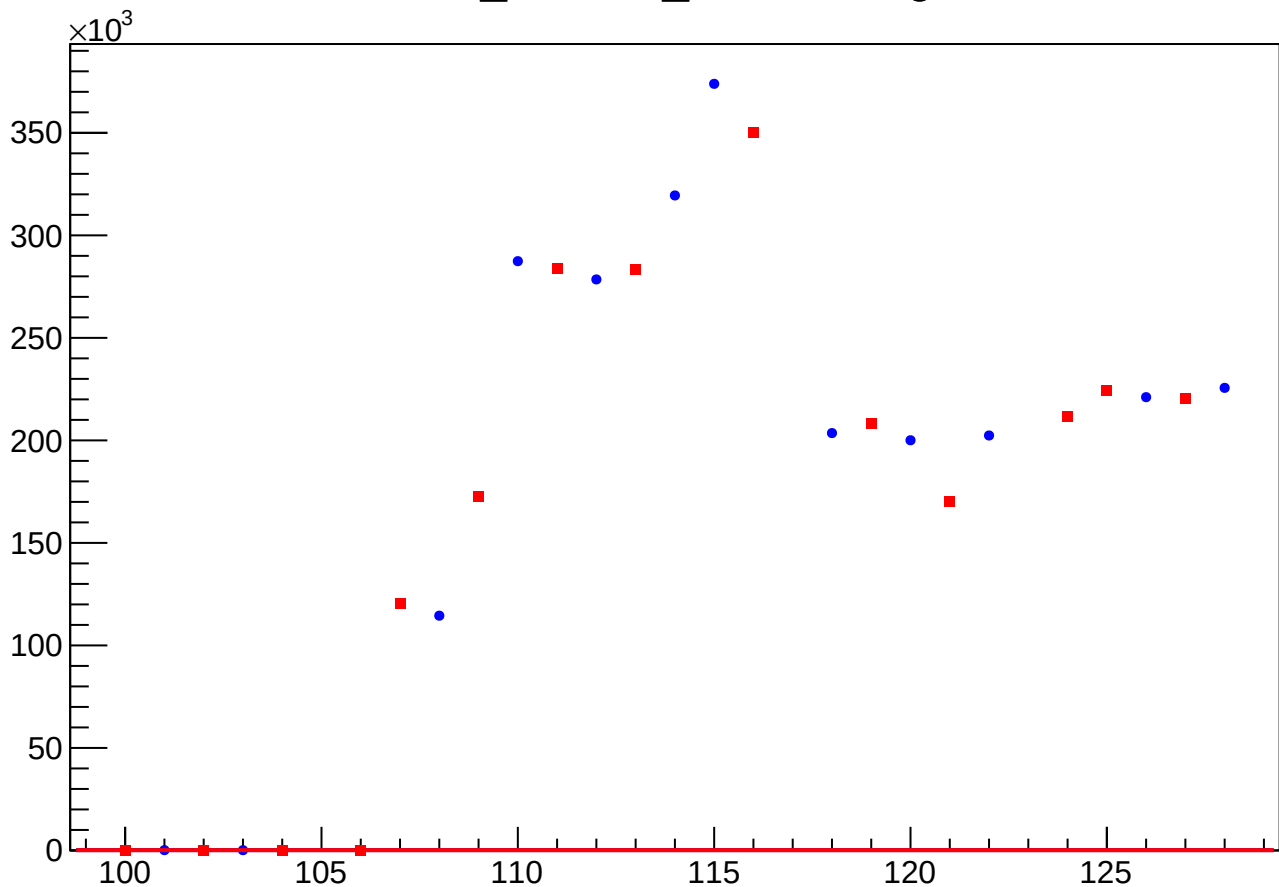
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.035 ± 0.121 $\chi^2/\text{NDF}: 17.4/25$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_cav4dY_rms vs Slug



Right In: 153.072 $\pm$ 0.125 χ^2/NDF : 7467645.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 155.836 $\pm$ 0.118 χ^2/NDF : 7371472.0/13

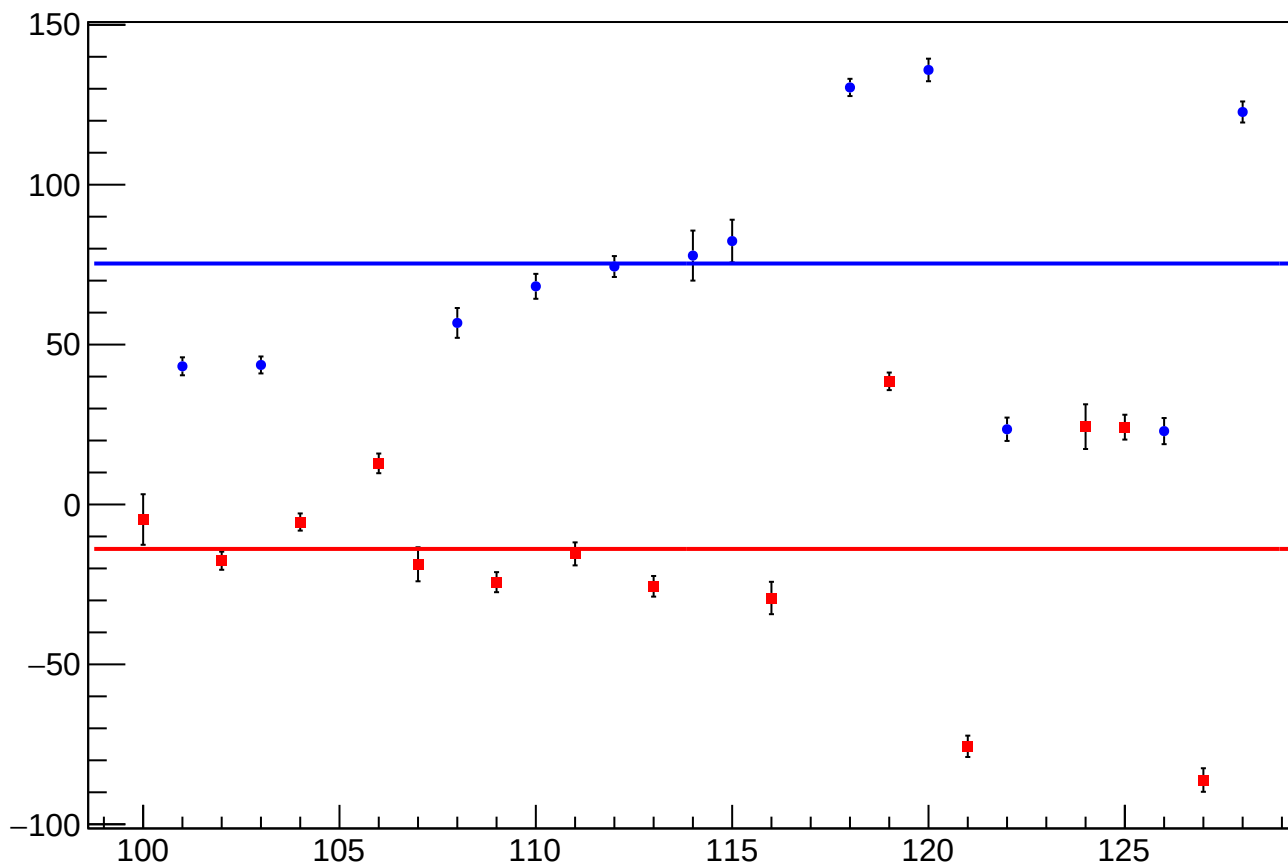
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 154.540 $\pm$ 0.086 χ^2/NDF : 14839375.2/25

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_bpm0i01X_mean vs Slug



Right In: 75.350+/-1.022 χ^2 /NDF: 1579.2/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -13.899+/-0.946 χ^2 /NDF: 1340.0/13

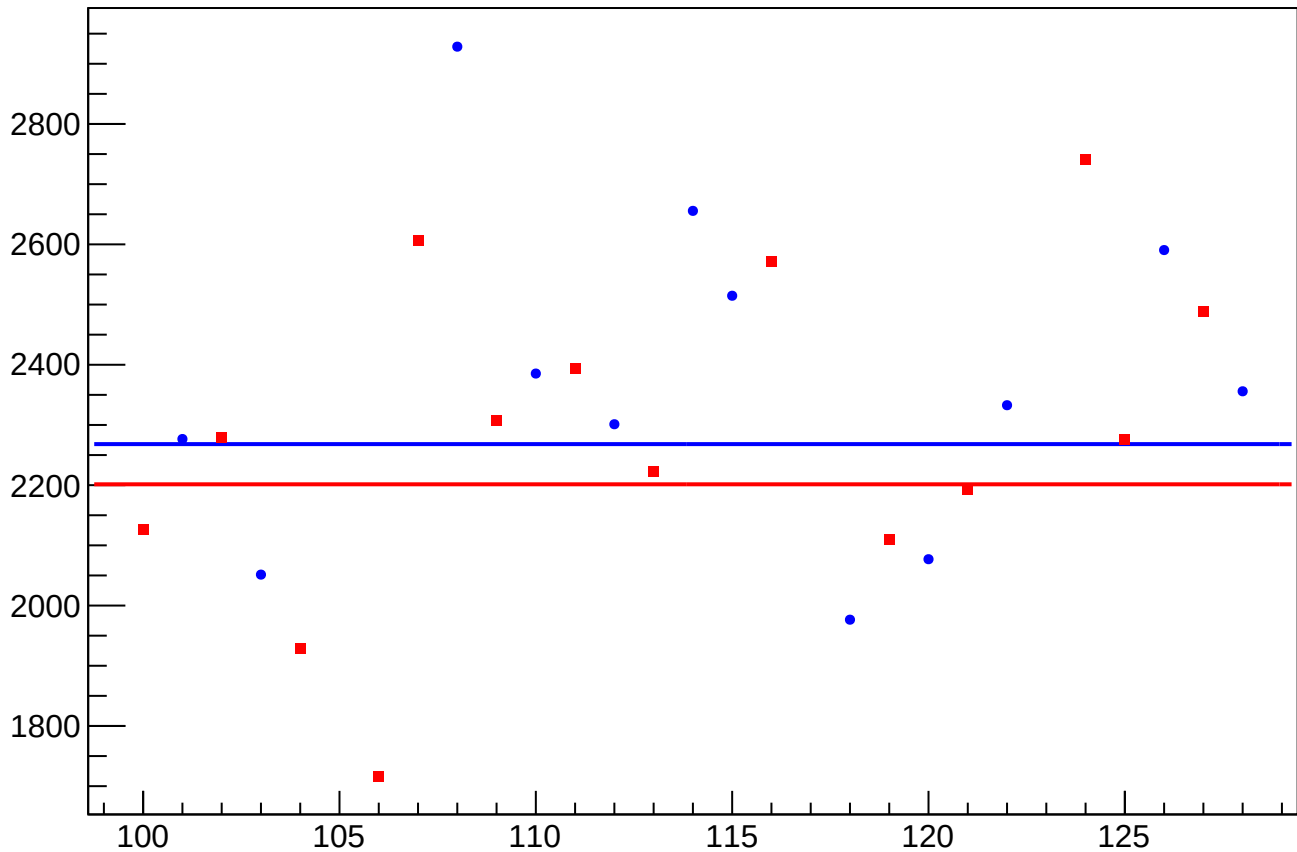
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 27.315+/-0.694 χ^2 /NDF: 7027.5/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01X_rms vs Slug



Right In: 2268.190+/-0.722 χ^2/NDF : 106906.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2201.422+/-0.669 χ^2/NDF : 129595.1/13

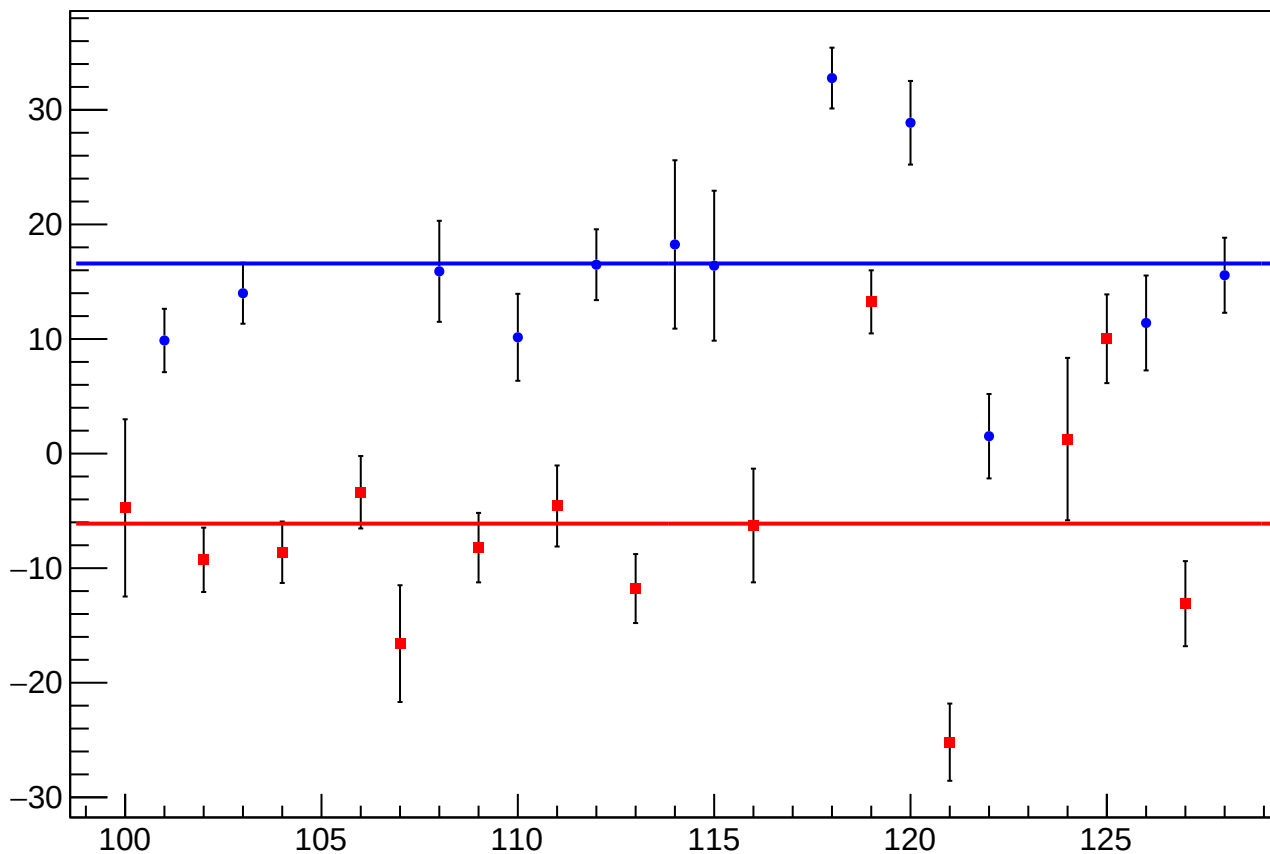
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2232.254+/-0.491 χ^2/NDF : 241100.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i01Y_mean vs Slug



Right In: 16.590 $\pm$ 1.009 χ^2 /NDF: 76.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -6.113 $\pm$ 0.937 χ^2 /NDF: 114.8/13

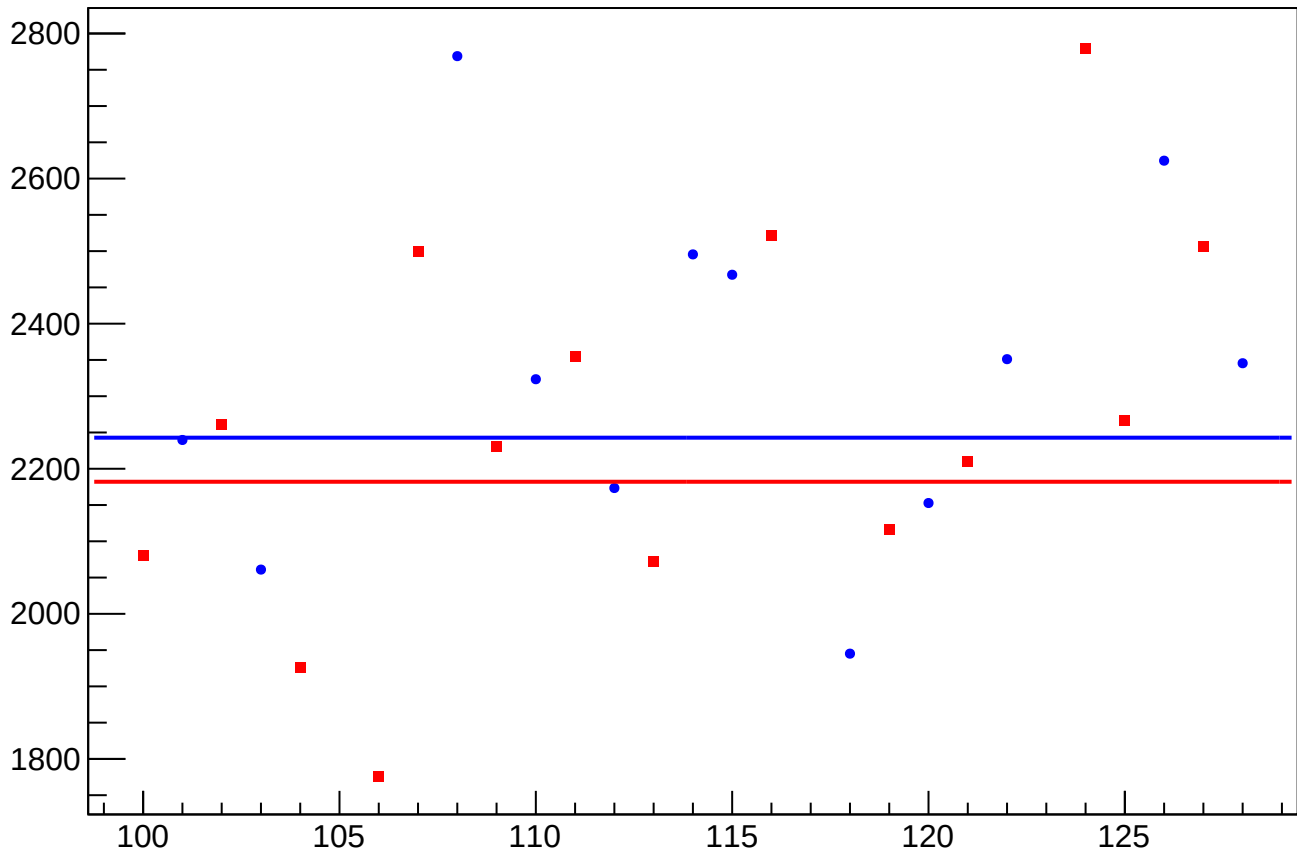
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.391 $\pm$ 0.687 χ^2 /NDF: 463.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01Y_rms vs Slug



Right In: 2242.839+/-0.714 χ^2/NDF : 91517.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2182.078+/-0.662 χ^2/NDF : 109953.4/13

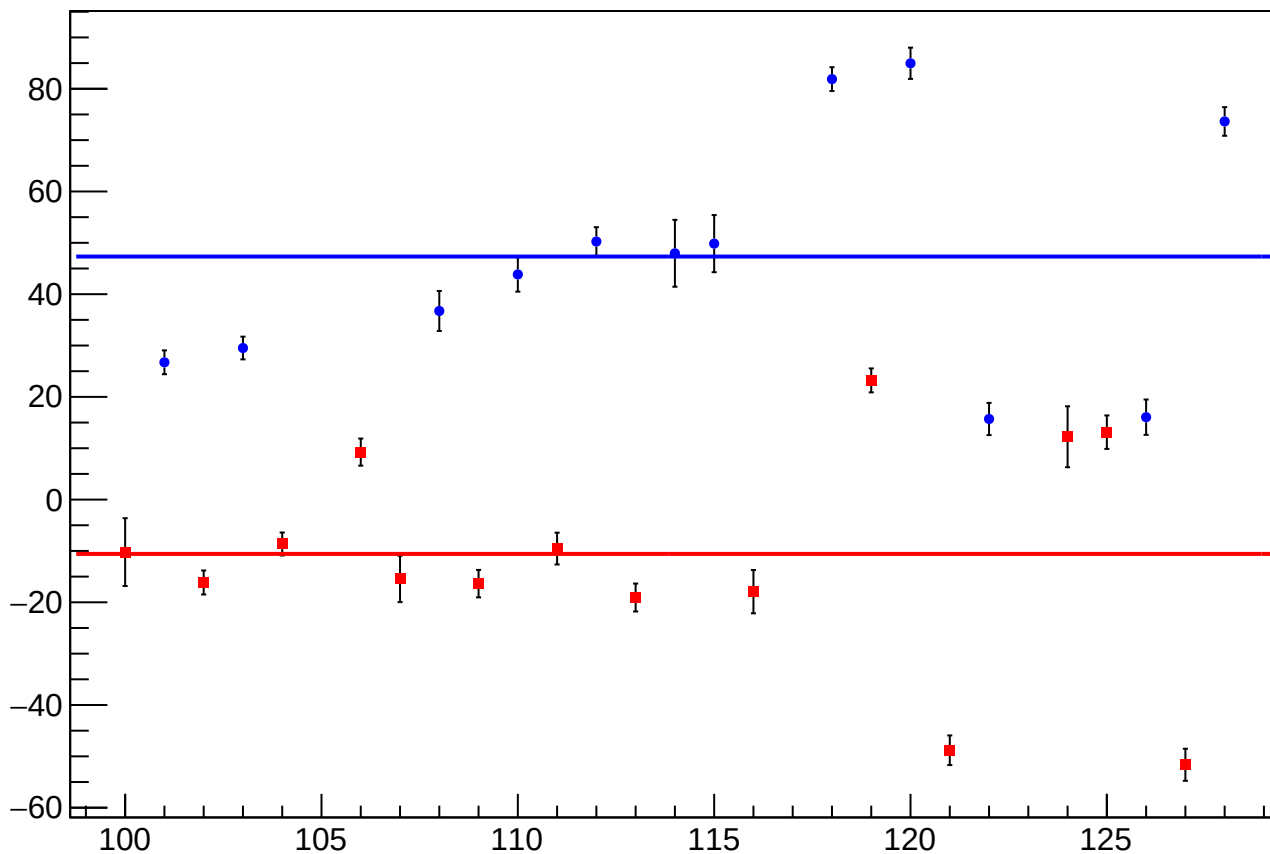
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2210.190+/-0.485 χ^2/NDF : 205365.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i01aX_mean vs Slug



Right In: 47.331+/-0.865 χ^2/NDF : 801.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.577+/-0.800 χ^2/NDF : 708.0/13

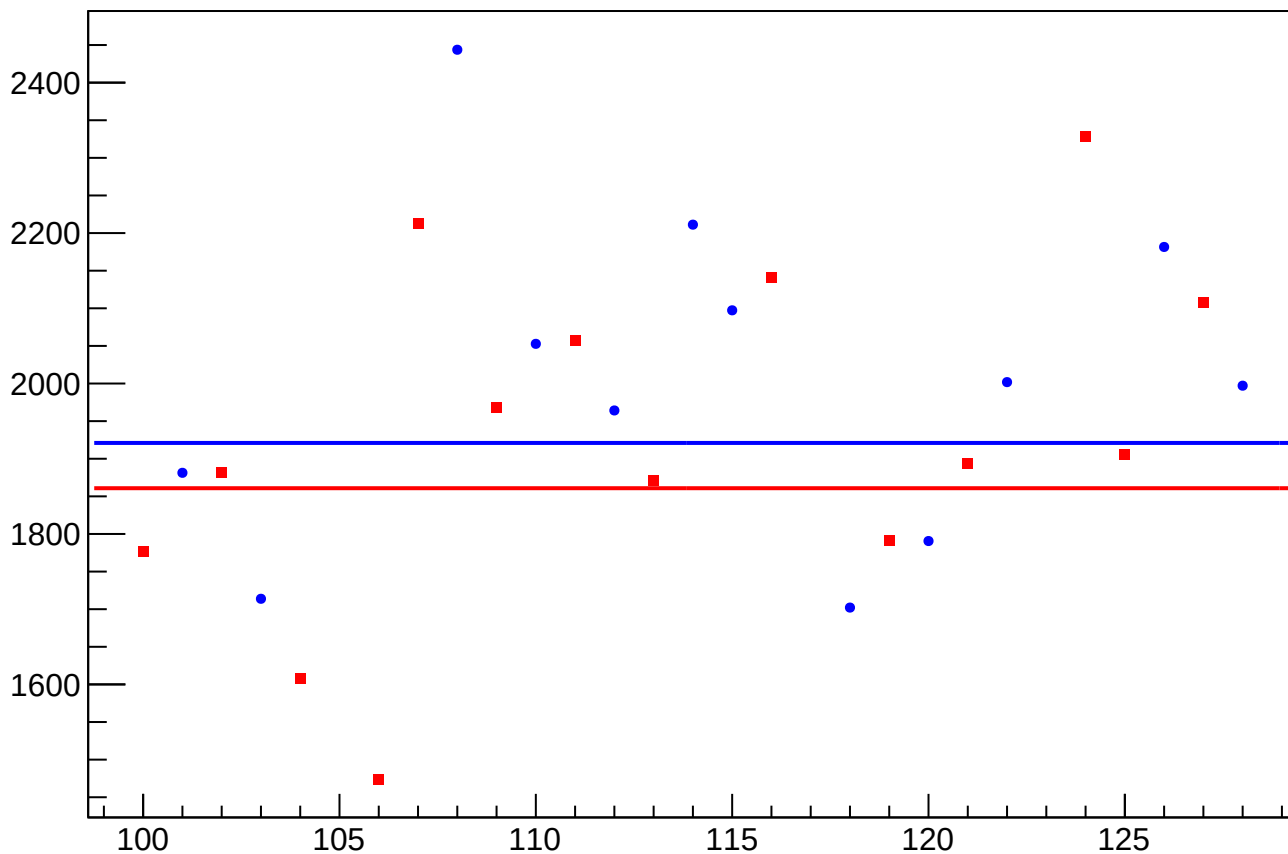
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.121+/-0.587 χ^2/NDF : 3926.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i01aX_rms vs Slug



Right In: 1921.018 $\pm$ 0.611 χ^2 /NDF: 99476.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1860.829 $\pm$ 0.565 χ^2 /NDF: 128879.0/13

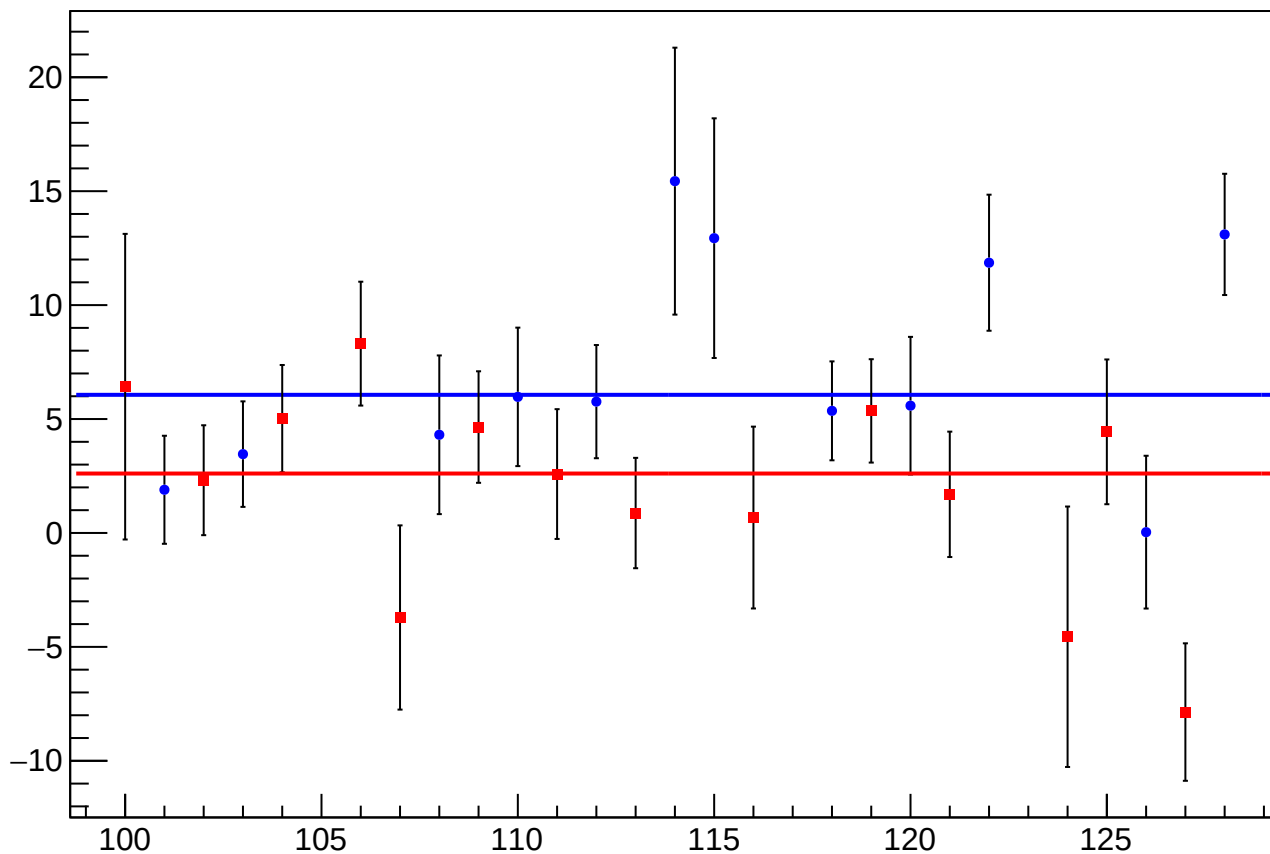
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1888.579 $\pm$ 0.415 χ^2 /NDF: 233578.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01aY_mean vs Slug



Right In: 6.062 $\pm$ 0.831 χ^2 /NDF: 23.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.608 $\pm$ 0.776 χ^2 /NDF: 25.2/13

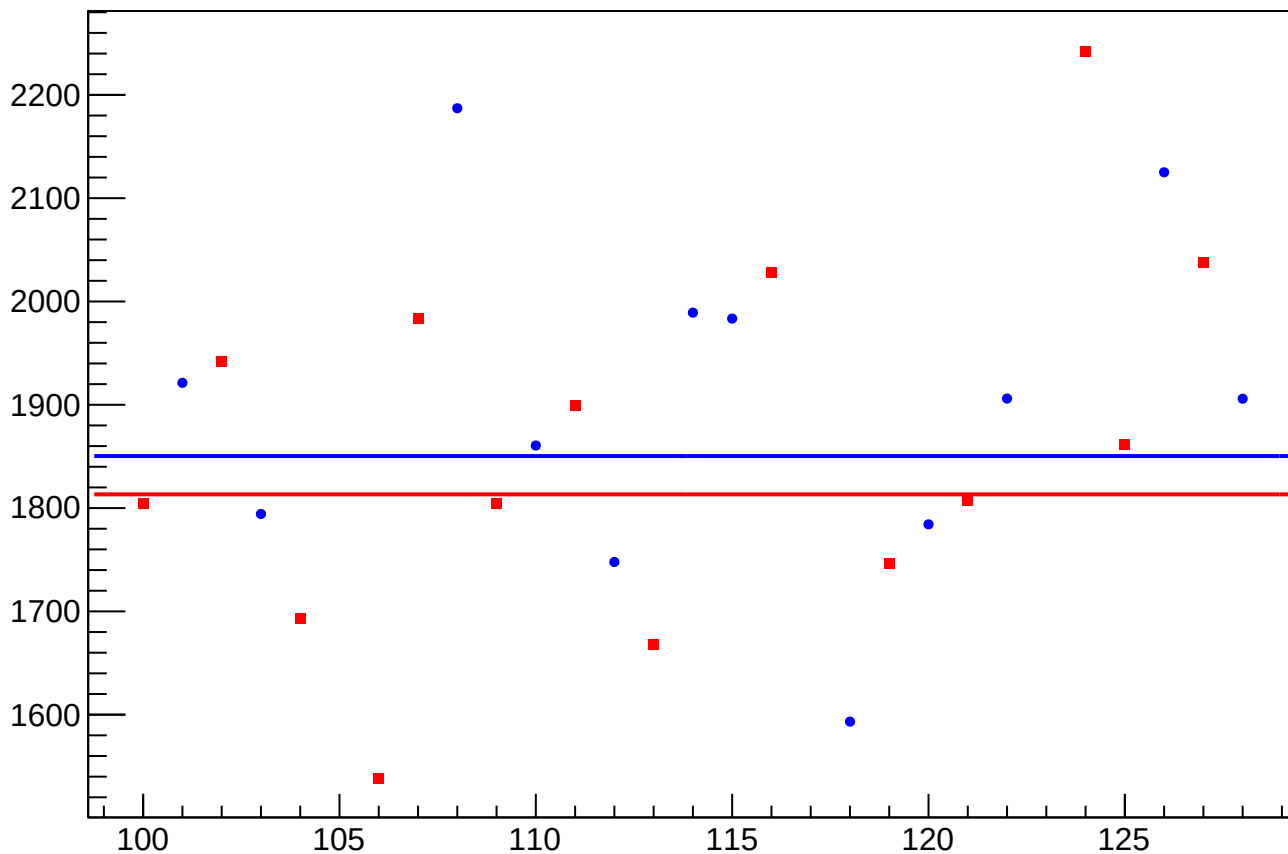
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.216 $\pm$ 0.567 χ^2 /NDF: 57.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01aY_rms vs Slug



Right In: 1850.352+/-0.588 χ^2/NDF : 71510.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1813.293+/-0.549 χ^2/NDF : 74293.9/13

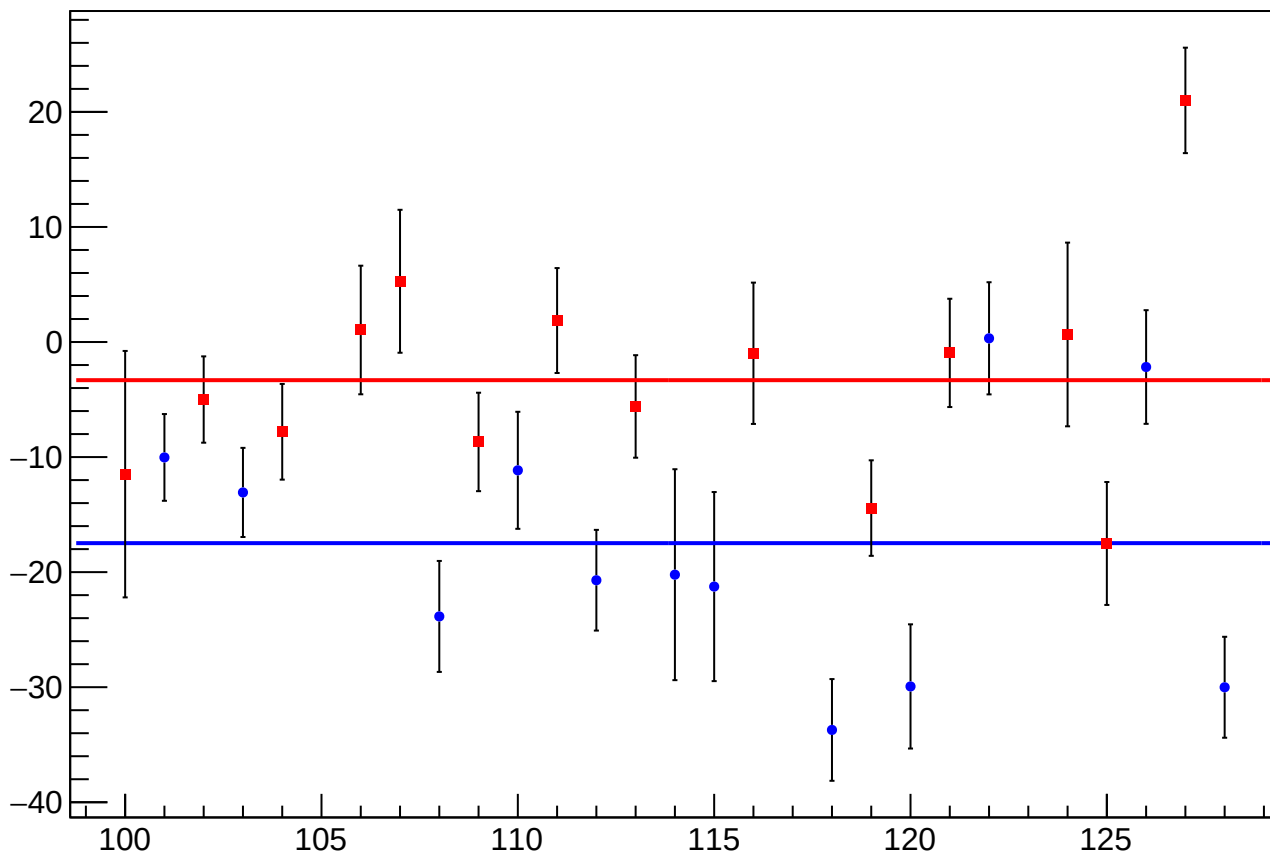
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1830.548+/-0.401 χ^2/NDF : 147927.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l01X_mean vs Slug



Right In: -17.481 ± 1.389 $\chi^2/\text{NDF}: 59.3/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -3.316 ± 1.317 $\chi^2/\text{NDF}: 50.6/13$

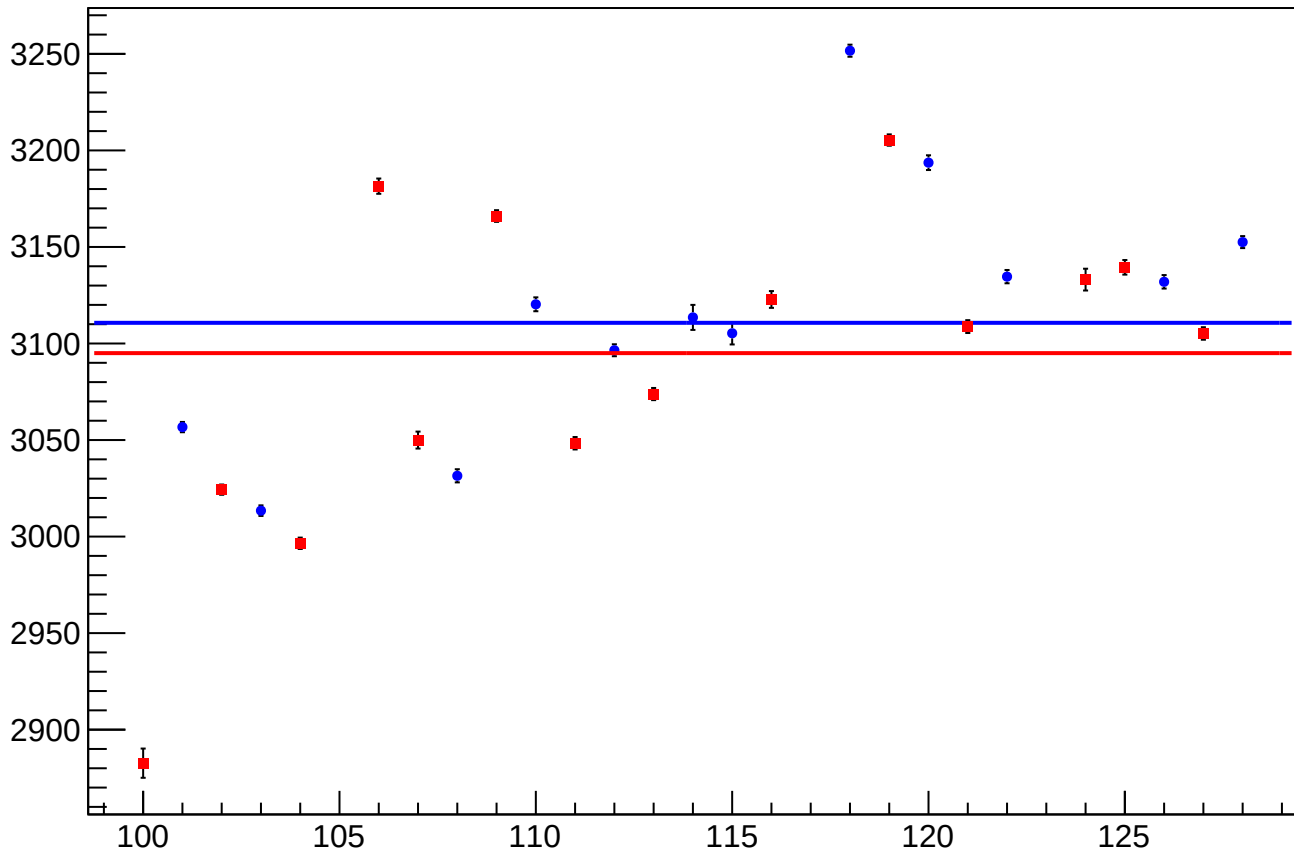
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -10.020 ± 0.956 $\chi^2/\text{NDF}: 164.6/25$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm0l01X_rms vs Slug



Right In: 3110.713+/-0.982 χ^2/NDF : 5013.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3095.016+/-0.931 χ^2/NDF : 5673.7/13

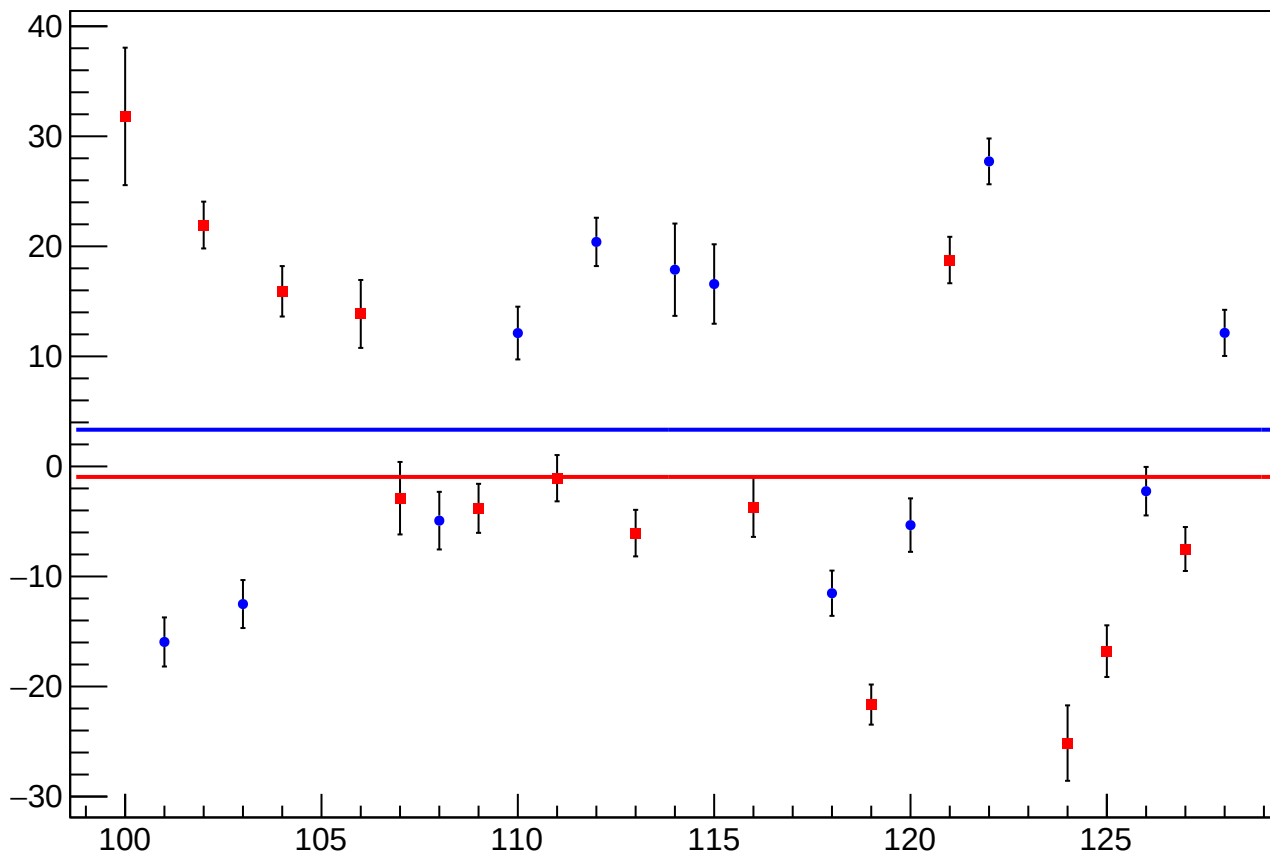
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3102.445+/-0.676 χ^2/NDF : 10821.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l01Y_mean vs Slug



Right In: 3.337 $\pm$ 0.683 χ^2 /NDF: 463.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.954 $\pm$ 0.637 χ^2 /NDF: 551.5/13

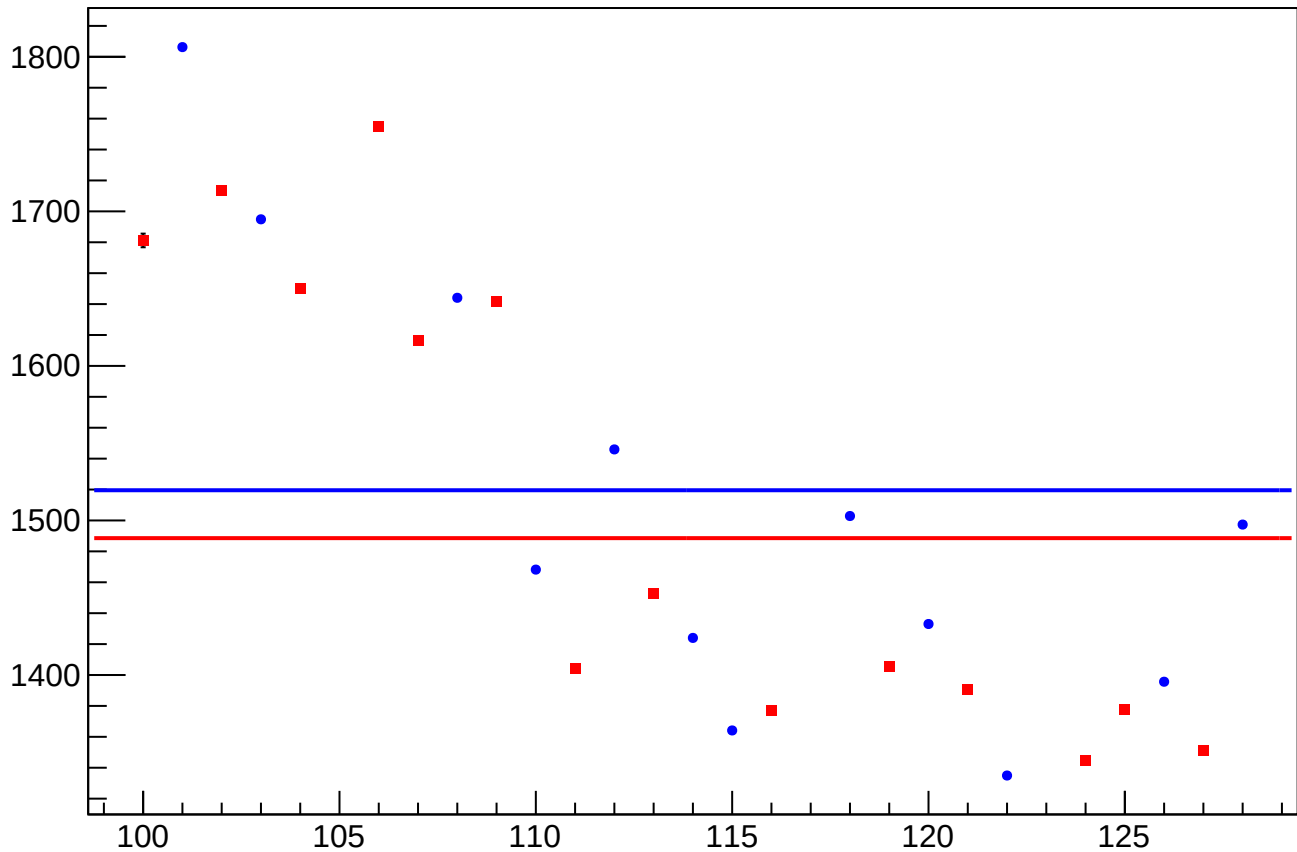
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.041 $\pm$ 0.466 χ^2 /NDF: 1035.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l01Y_rms vs Slug



Right In: 1519.549+/-0.483 χ^2/NDF : 81383.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1488.558+/-0.450 χ^2/NDF : 94579.5/13

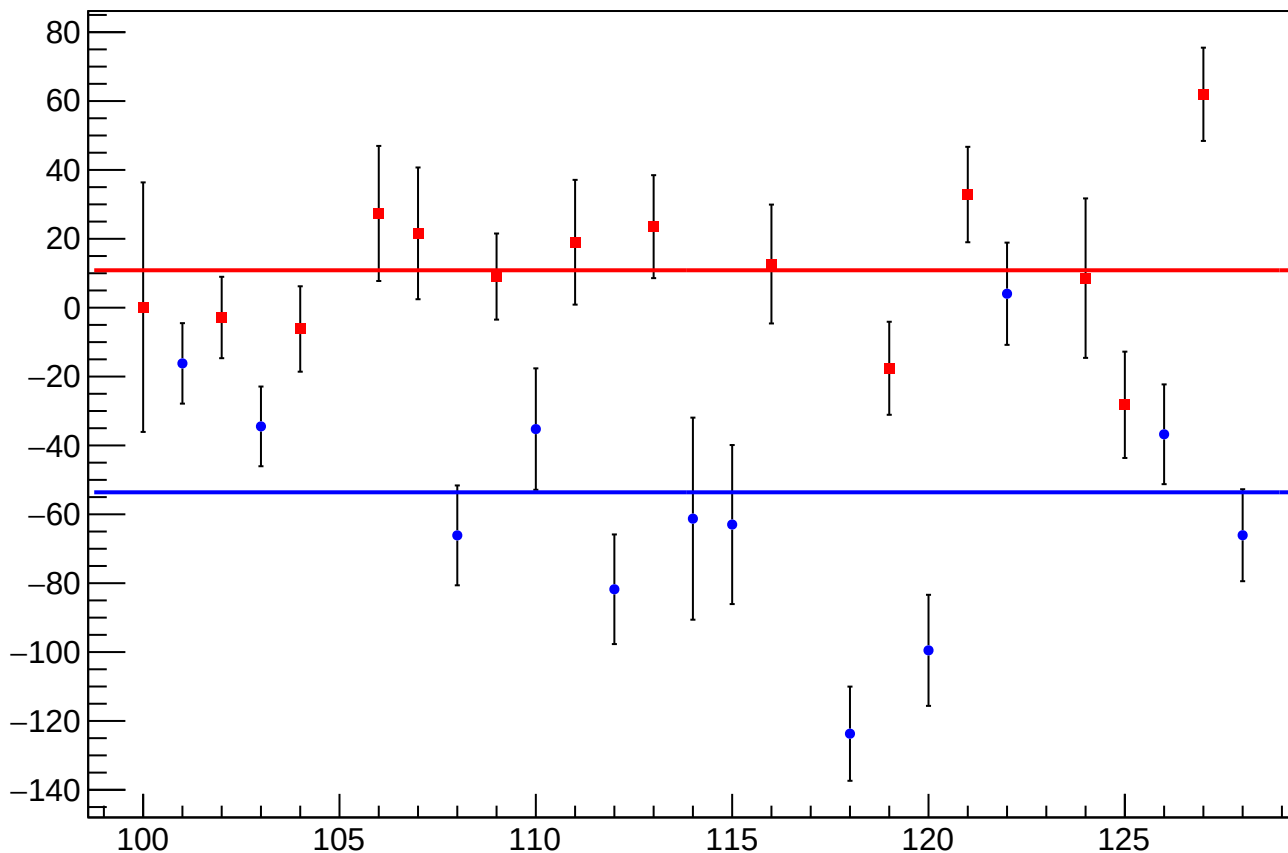
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1502.969+/-0.329 χ^2/NDF : 178164.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l02X_mean vs Slug



Right In: -53.608 $\pm$ 4.309 χ^2 /NDF: 69.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.863 $\pm$ 4.108 χ^2 /NDF: 32.9/13

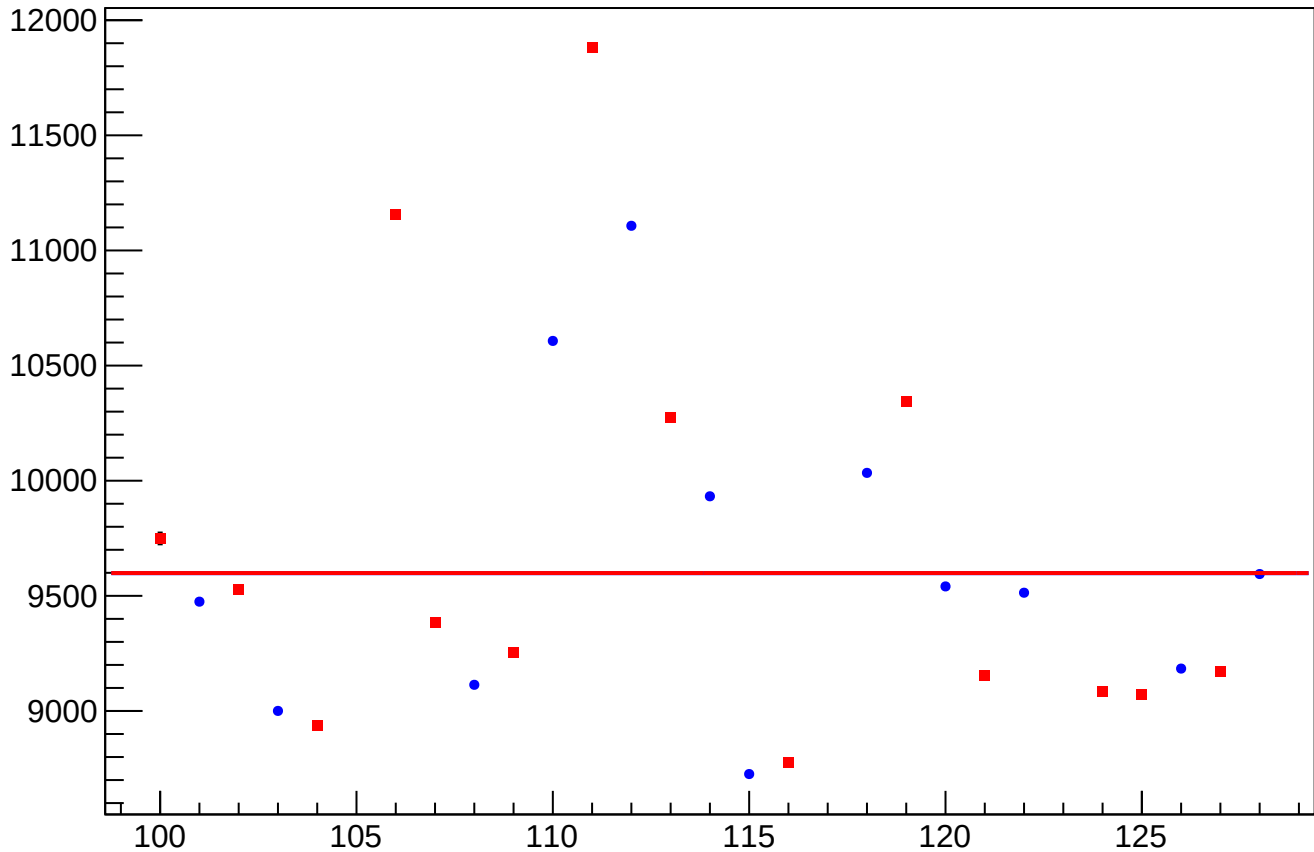
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -19.837 $\pm$ 2.973 χ^2 /NDF: 220.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l02X_rms vs Slug



Right In: 9598.436+/-3.047 χ^2/NDF : 39187.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9599.000+/-2.905 χ^2/NDF : 74129.5/13

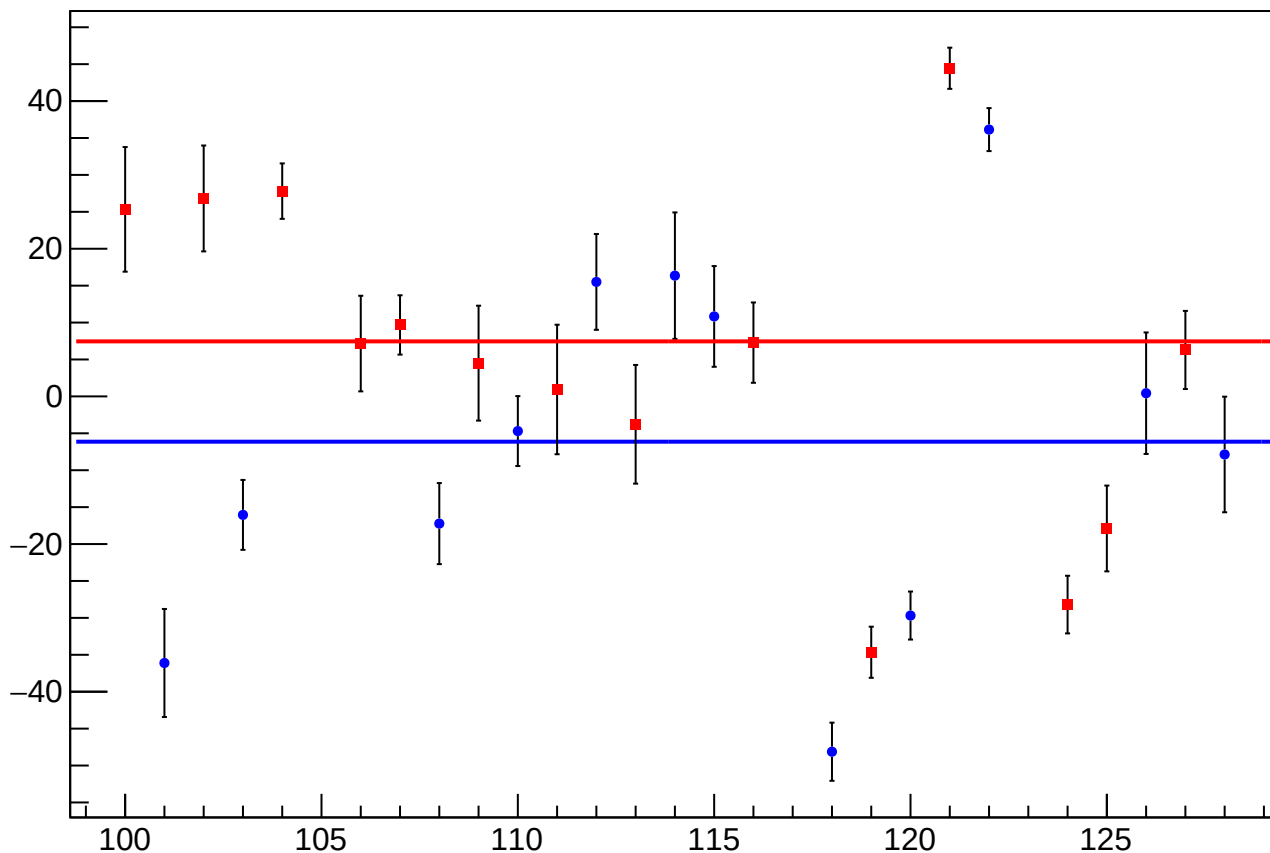
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9598.731+/-2.103 χ^2/NDF : 113317.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l02Y_mean vs Slug



Right In: -6.136 ± 1.403 $\chi^2/\text{NDF}: 427.3/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 7.453 ± 1.278 $\chi^2/\text{NDF}: 470.5/13$

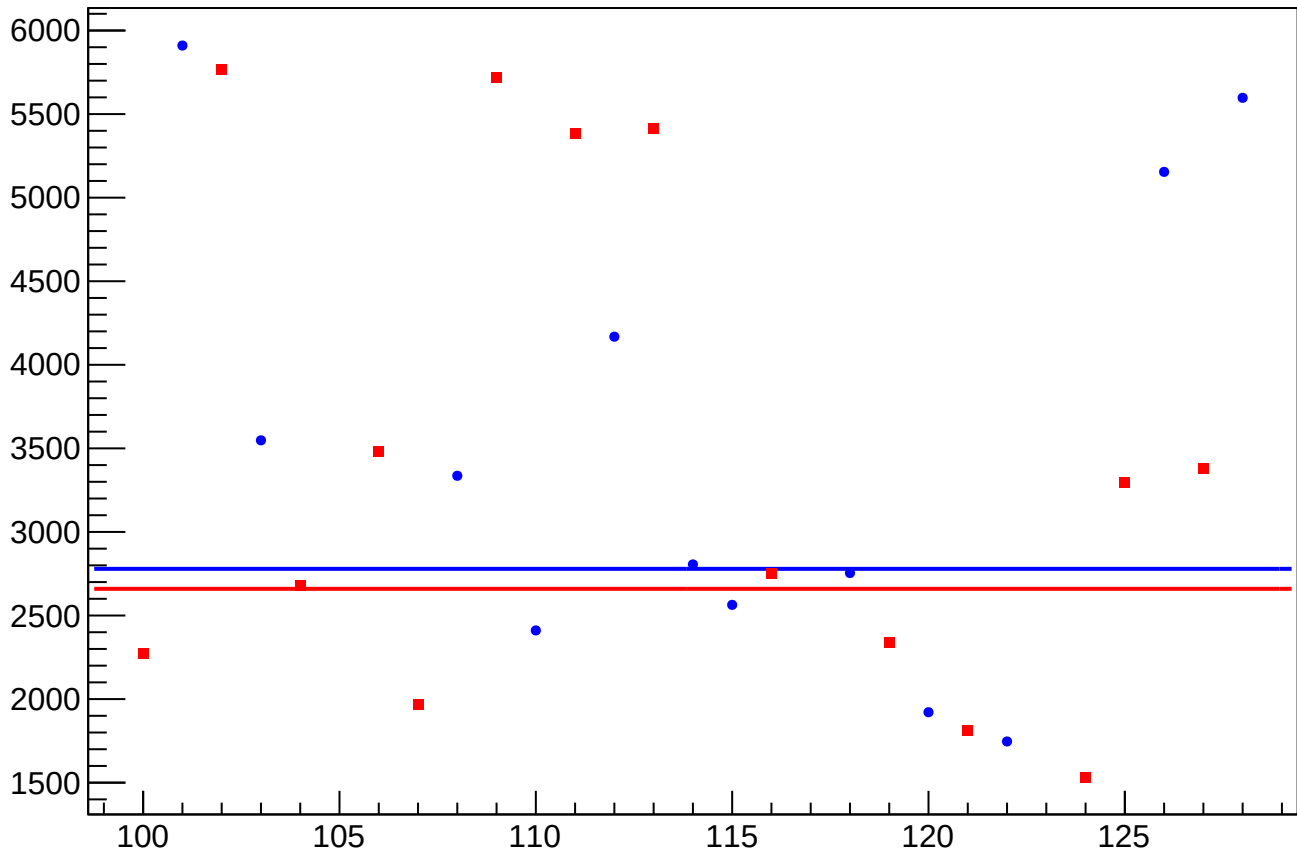
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1.288 ± 0.945 $\chi^2/\text{NDF}: 949.0/25$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm0l02Y_rms vs Slug



Right In: 2779.234+/-0.992 χ^2/NDF : 1361764.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

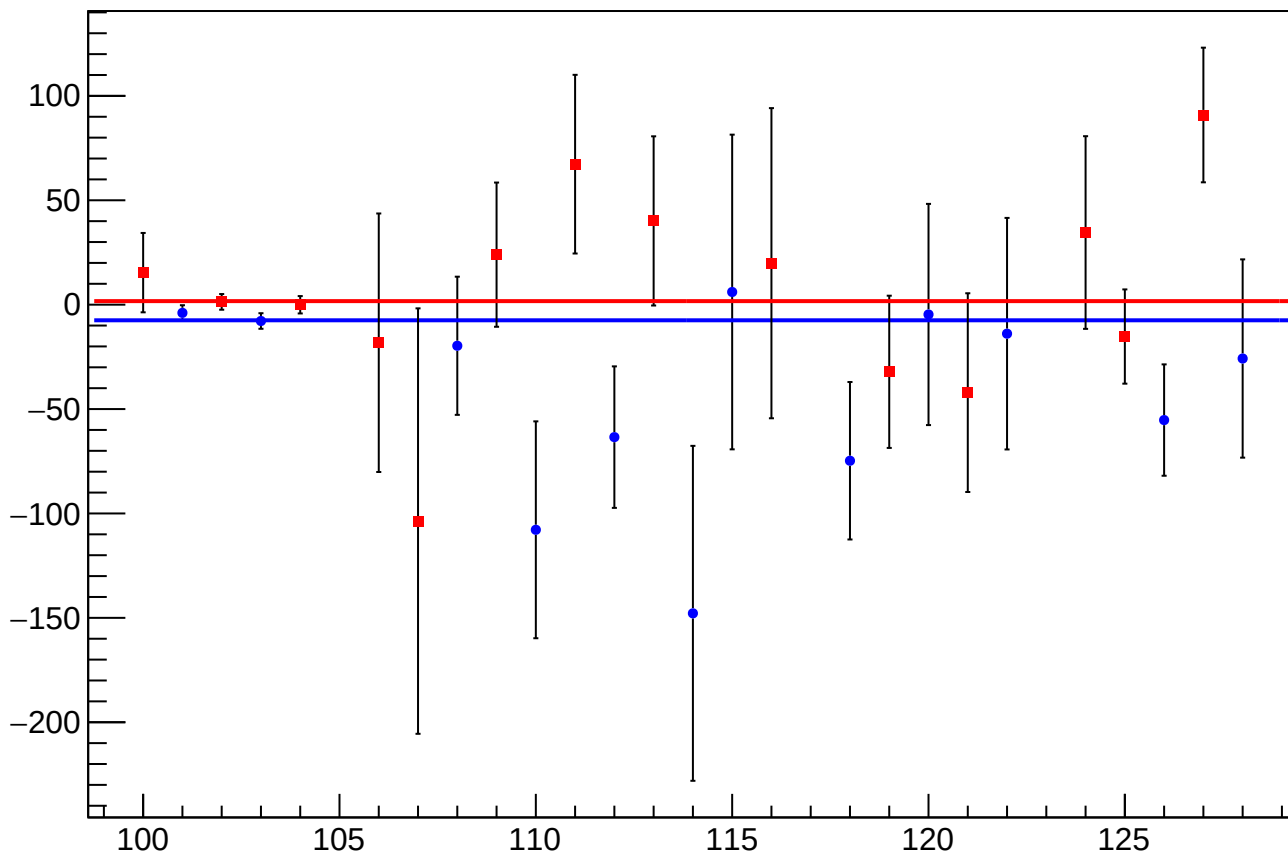
Right Out: 2659.700+/-0.904 χ^2/NDF : 1636825.8/13

All: 2713.929+/-0.668 χ^2/NDF : 3006522.8/25

- 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: -7.484 ± 2.566 $\chi^2/\text{NDF}: 17.2/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1.701 ± 2.685 $\chi^2/\text{NDF}: 16.0/13$

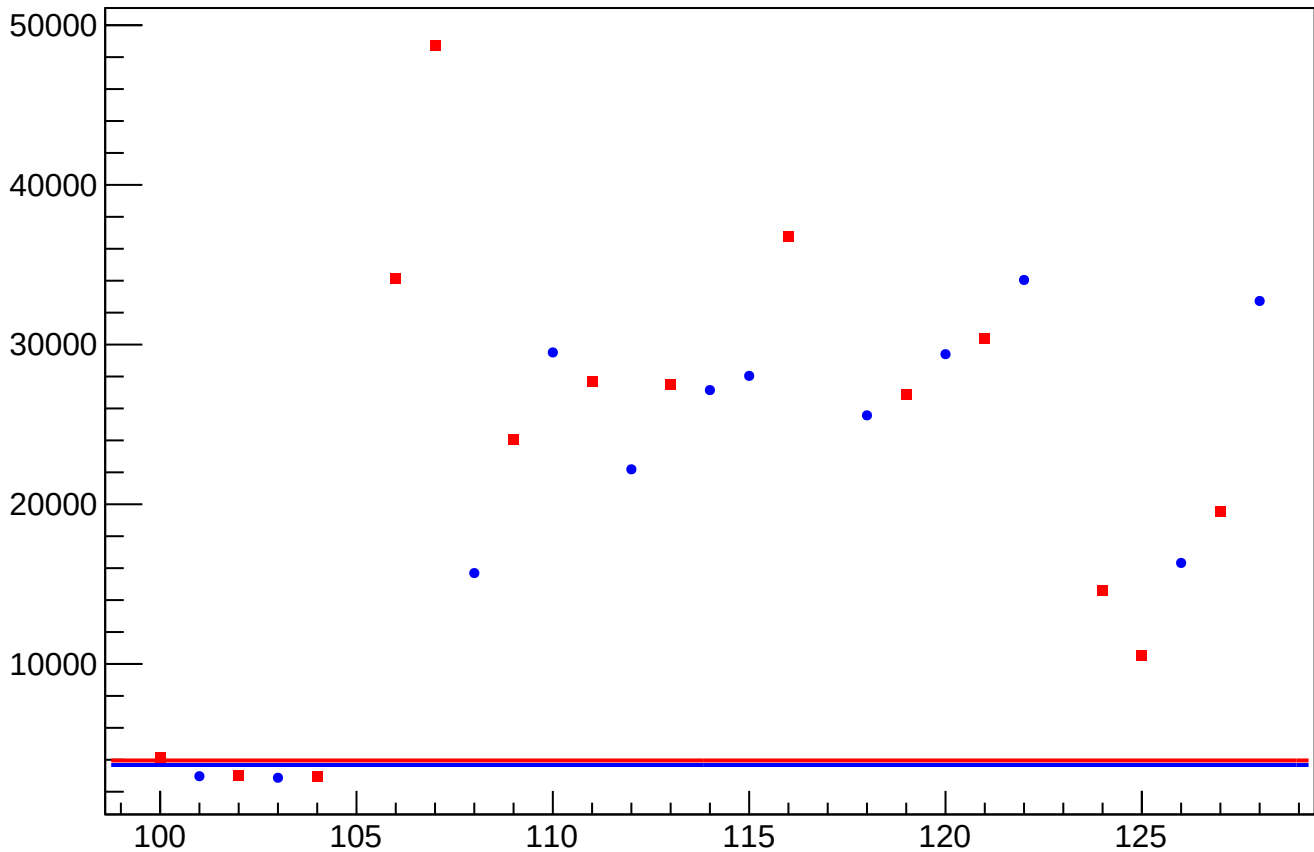
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -3.099 ± 1.855 $\chi^2/\text{NDF}: 39.3/25$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm0l03X_rms vs Slug



Right In: 3674.166+/-1.814 χ^2/NDF : 4846567.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3957.463+/-1.898 χ^2/NDF : 5612505.0/13

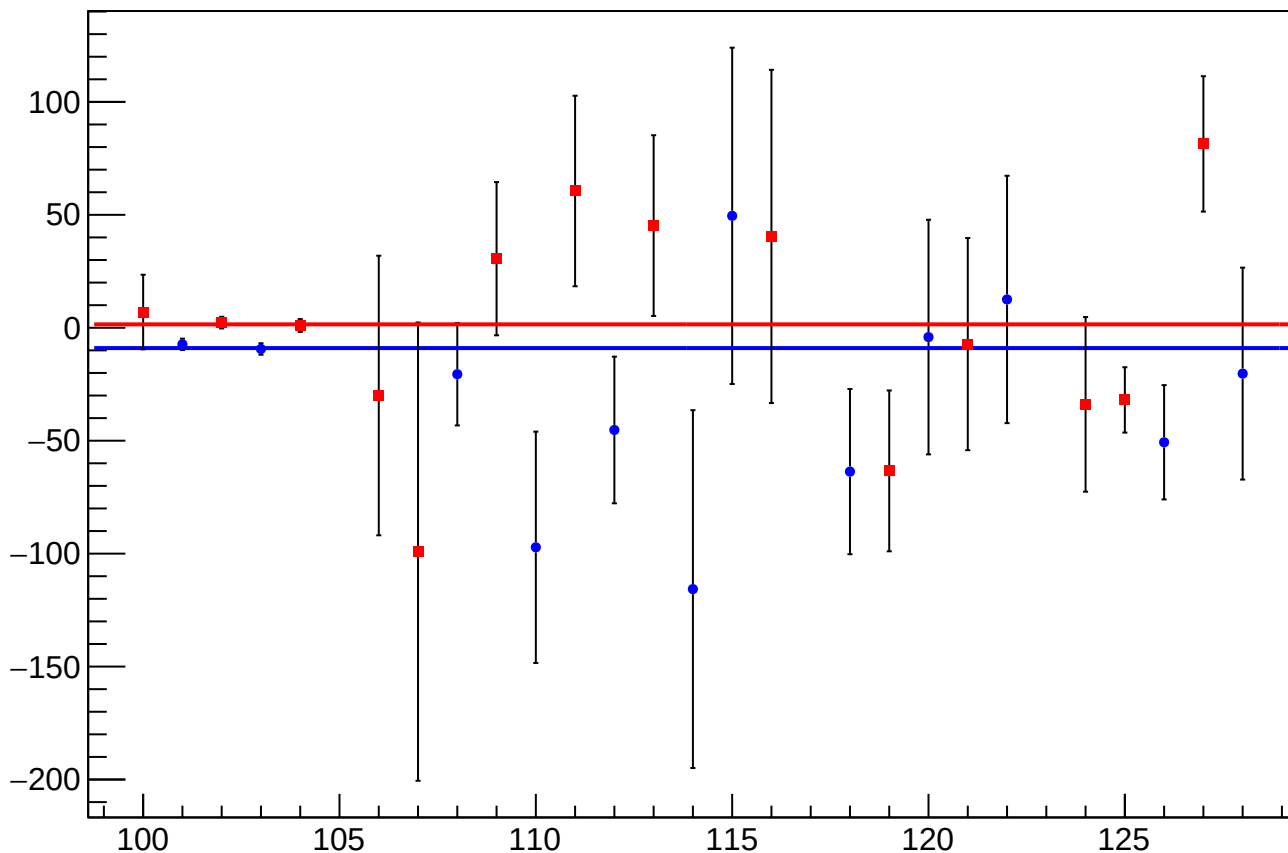
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3809.406+/-1.312 χ^2/NDF : 10470711.4/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l03Y_mean vs Slug



Right In: -8.991 $\pm$ 1.770 χ^2 /NDF: 12.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.513 $\pm$ 1.856 χ^2 /NDF: 22.3/13

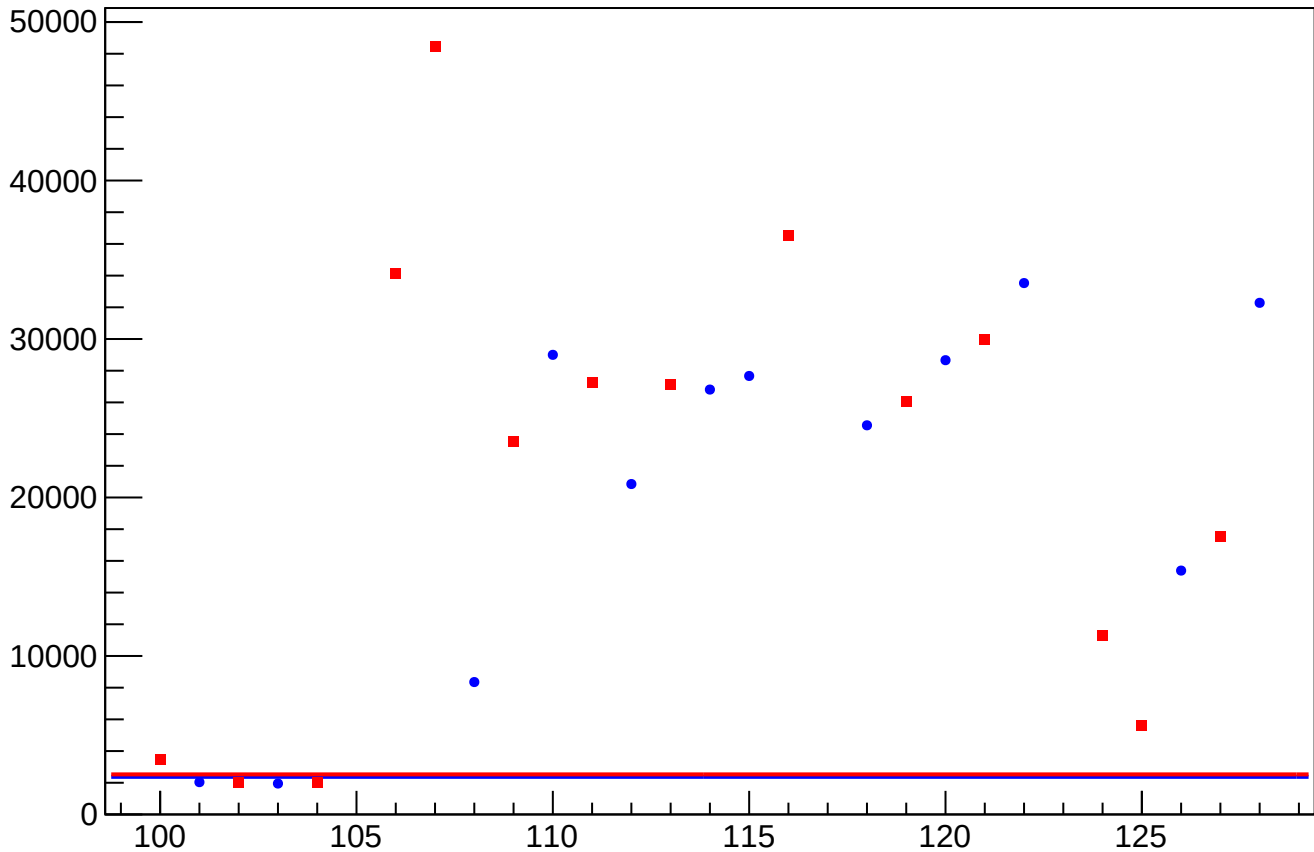
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.990 $\pm$ 1.281 χ^2 /NDF: 51.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l03Y_rms vs Slug



Right In: 2374.111+/-1.251 χ^2/NDF : 5076725.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2528.380+/-1.313 χ^2/NDF : 5964326.3/13

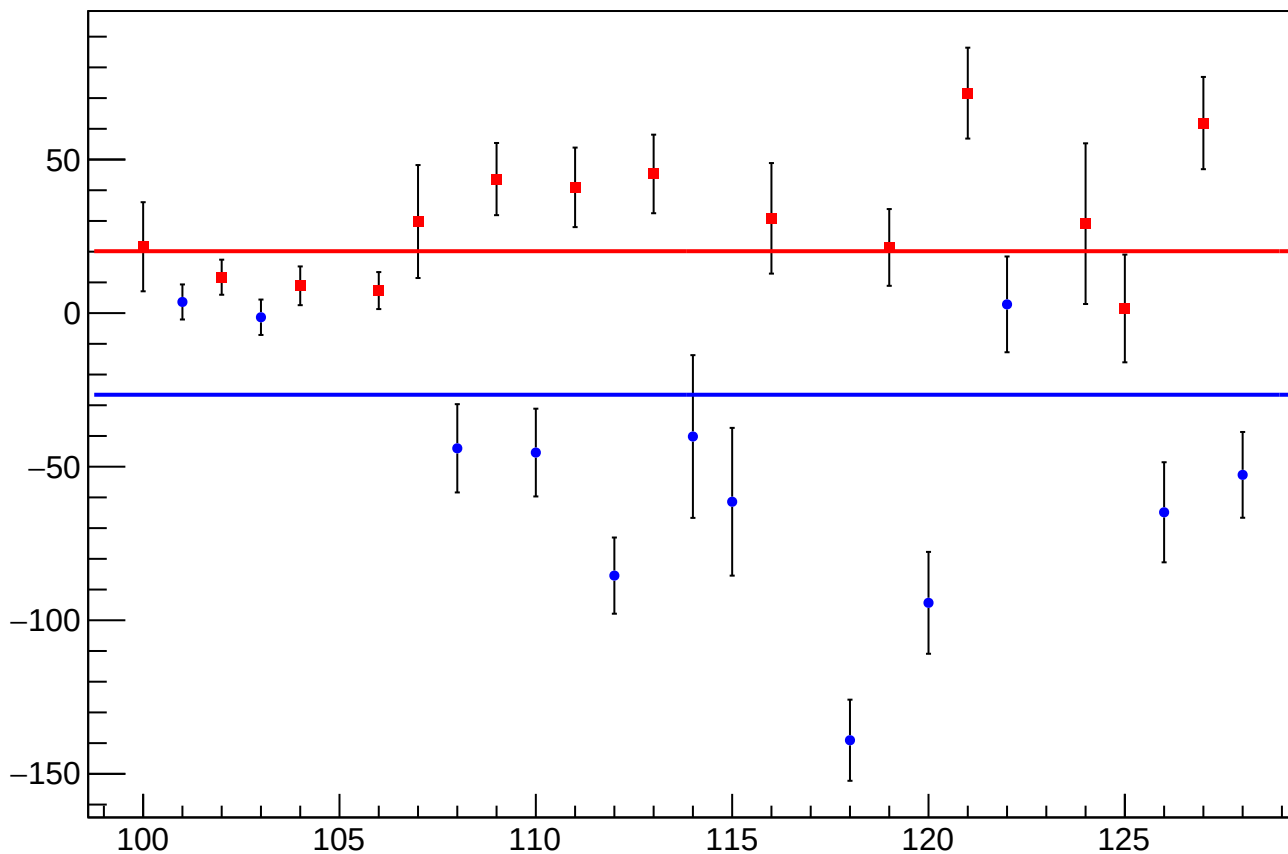
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2447.558+/-0.906 χ^2/NDF : 11048289.1/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l04X_mean vs Slug



Right In: -26.578 $\pm$ 3.122 χ^2 /NDF: 177.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.155 $\pm$ 2.735 χ^2 /NDF: 42.1/13

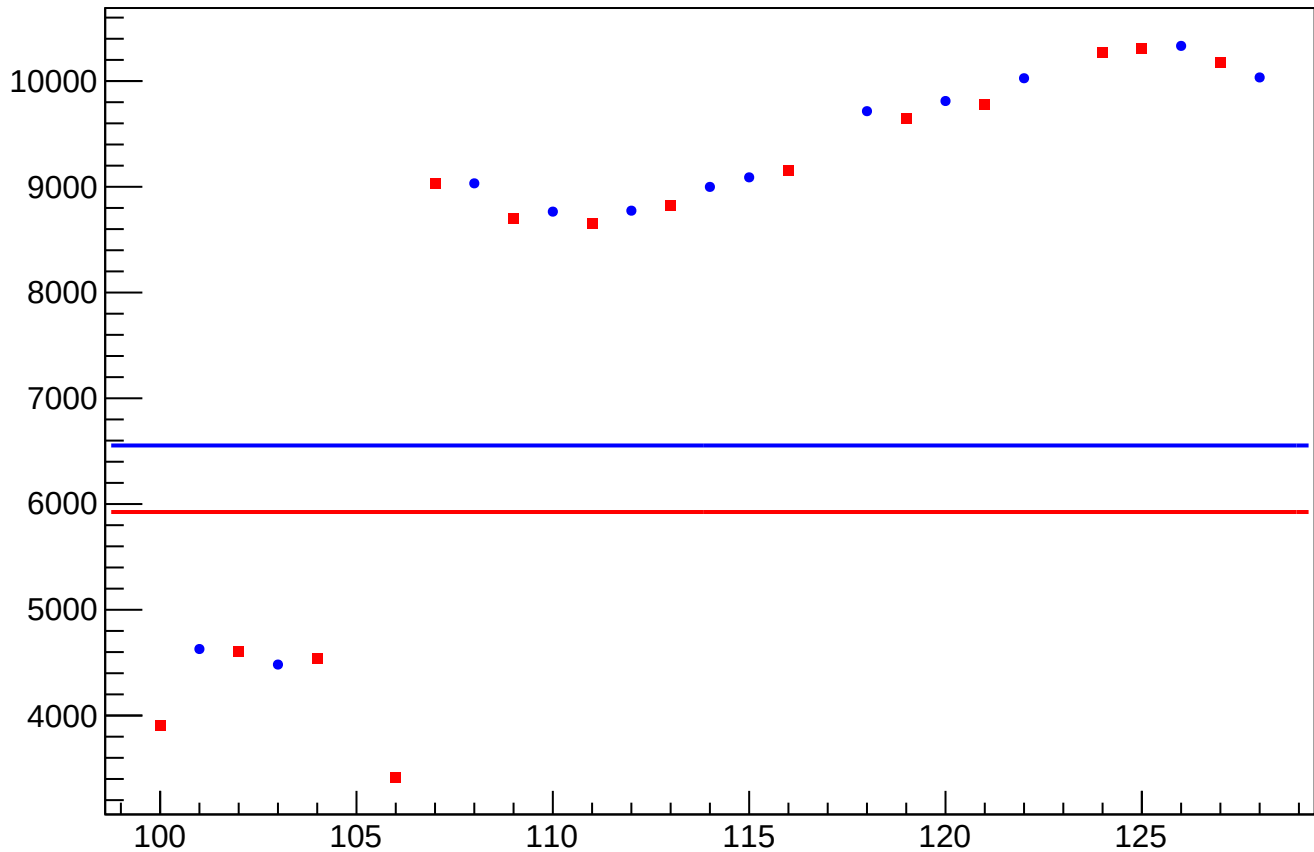
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.140 $\pm$ 2.057 χ^2 /NDF: 345.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l04X_rms vs Slug



Right In: 6553.768+/-2.208 χ^2/NDF : 1219555.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

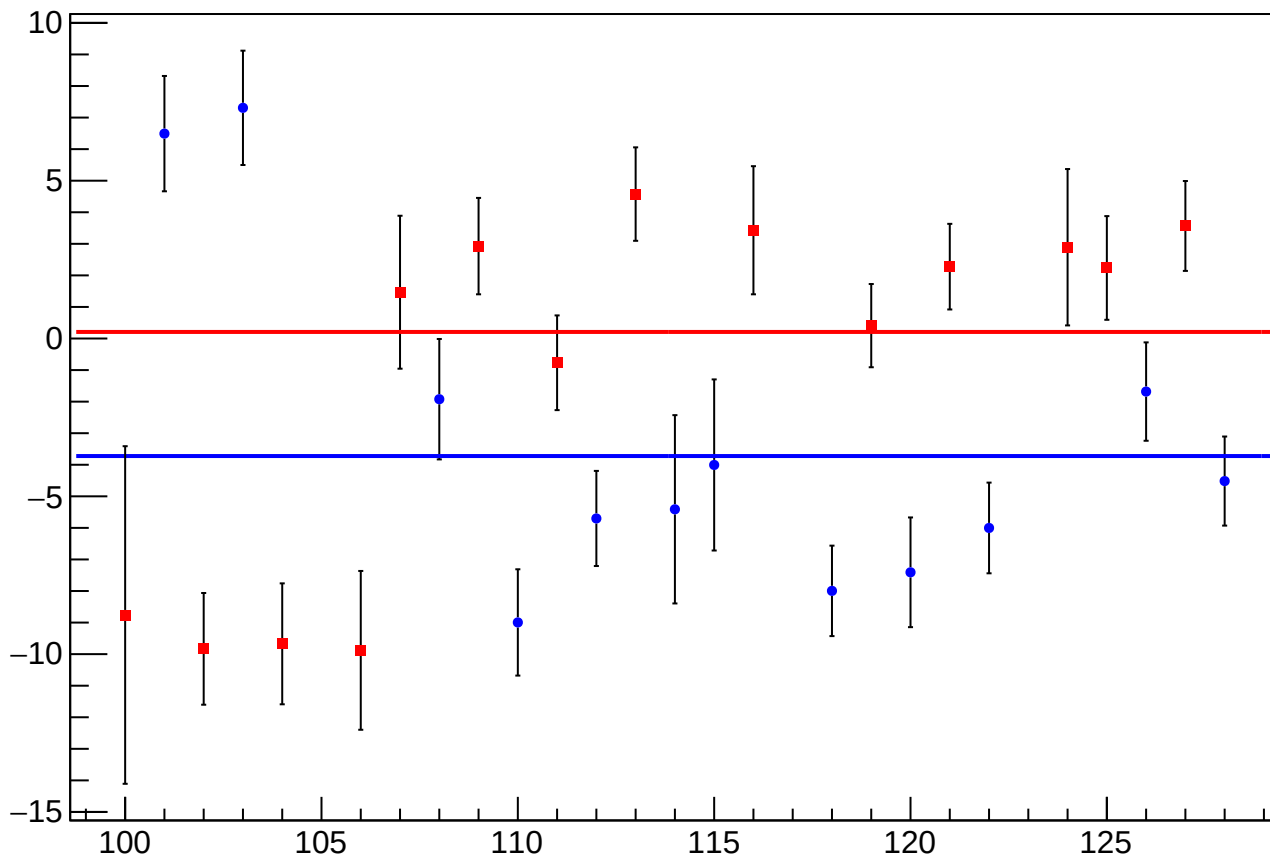
Right Out: 5924.663+/-1.934 χ^2/NDF : 1666902.0/13

All: 6197.866+/-1.455 χ^2/NDF : 2932394.7/25

- 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: -3.724+/-0.492 χ^2/NDF : 99.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.208+/-0.463 χ^2/NDF : 103.4/13

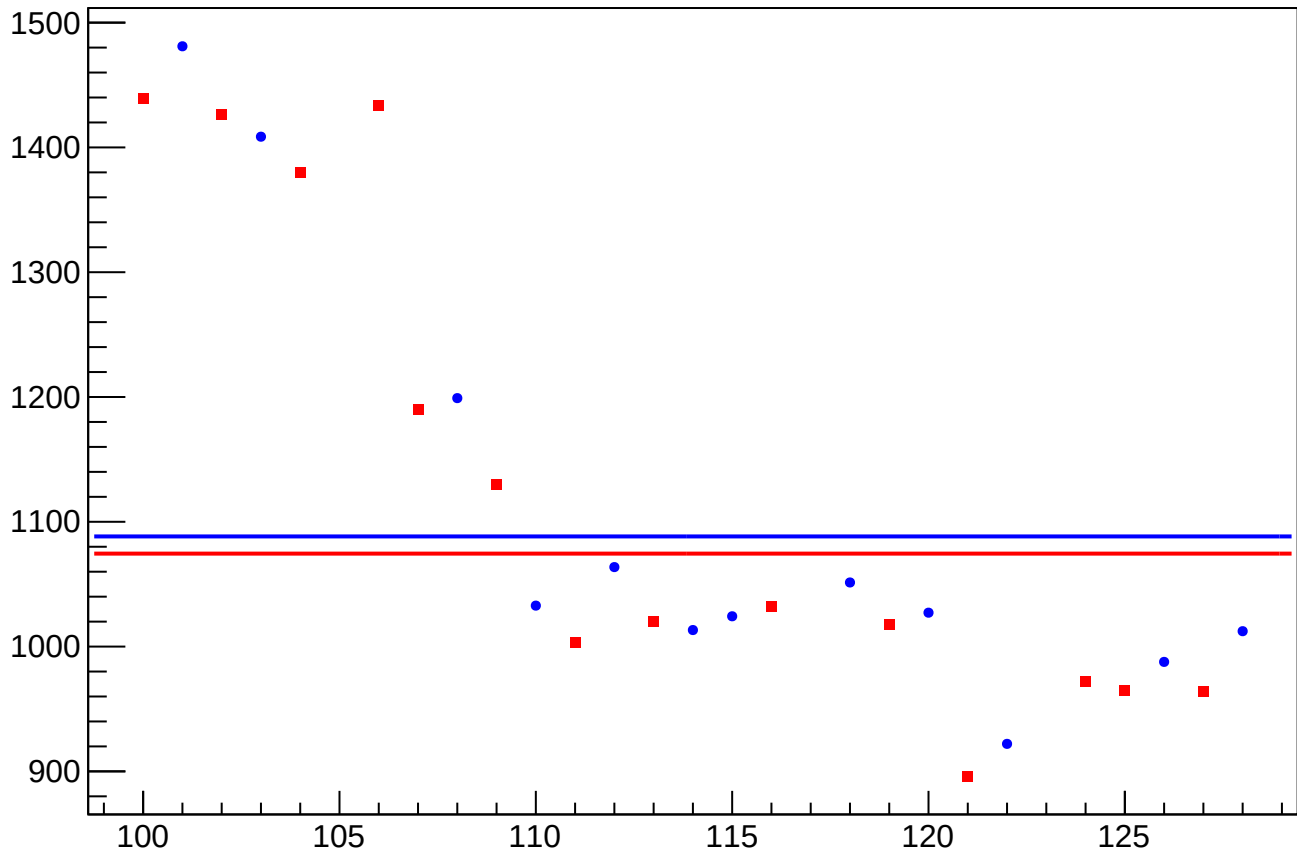
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.638+/-0.337 χ^2/NDF : 236.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l04Y_rms vs Slug



Right In: 1088.270+/-0.348 χ^2/NDF : 211510.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

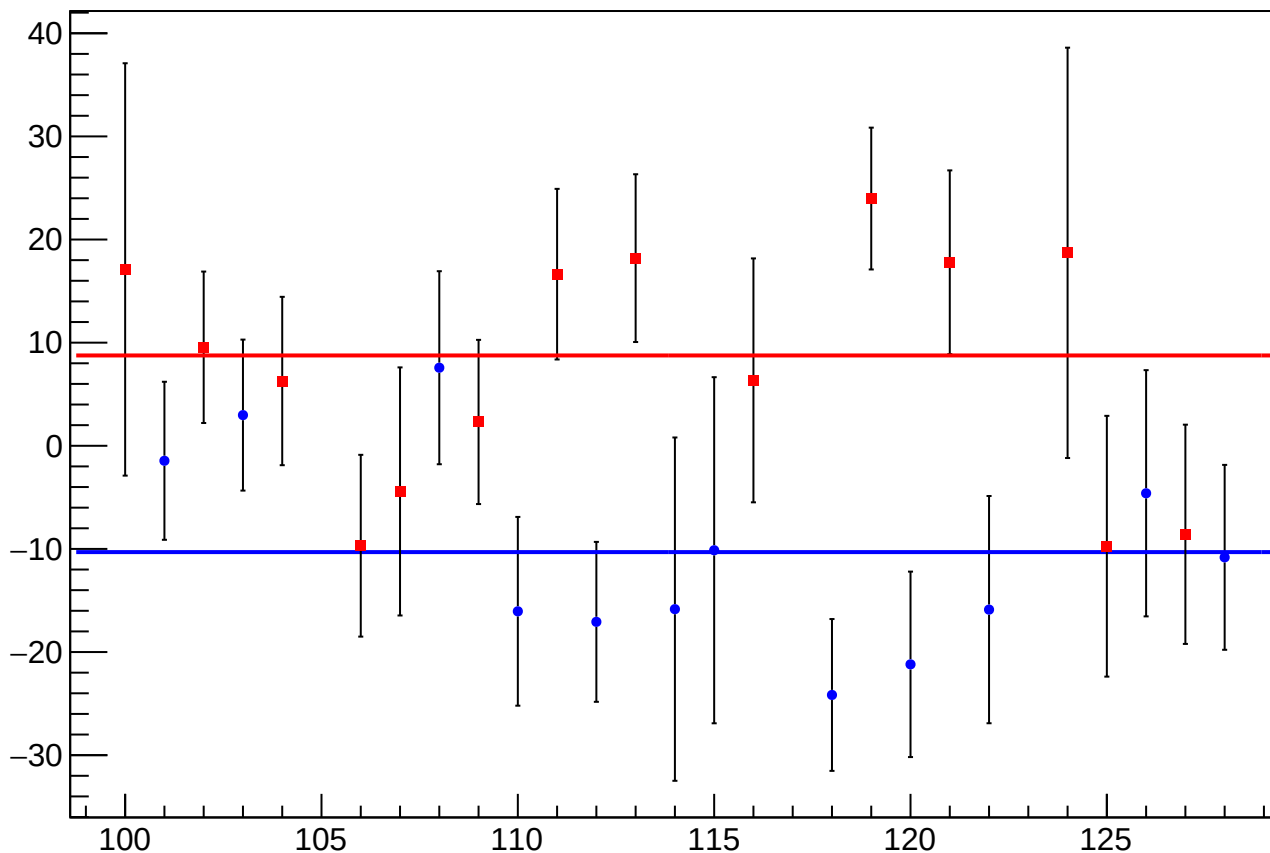
Right Out: 1074.496+/-0.327 χ^2/NDF : 258148.1/13

All: 1080.965+/-0.238 χ^2/NDF : 470491.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l05X_mean vs Slug



Right In: -10.309 $\pm$ 2.660 χ^2 /NDF: 15.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.759 $\pm$ 2.501 χ^2 /NDF: 19.8/13

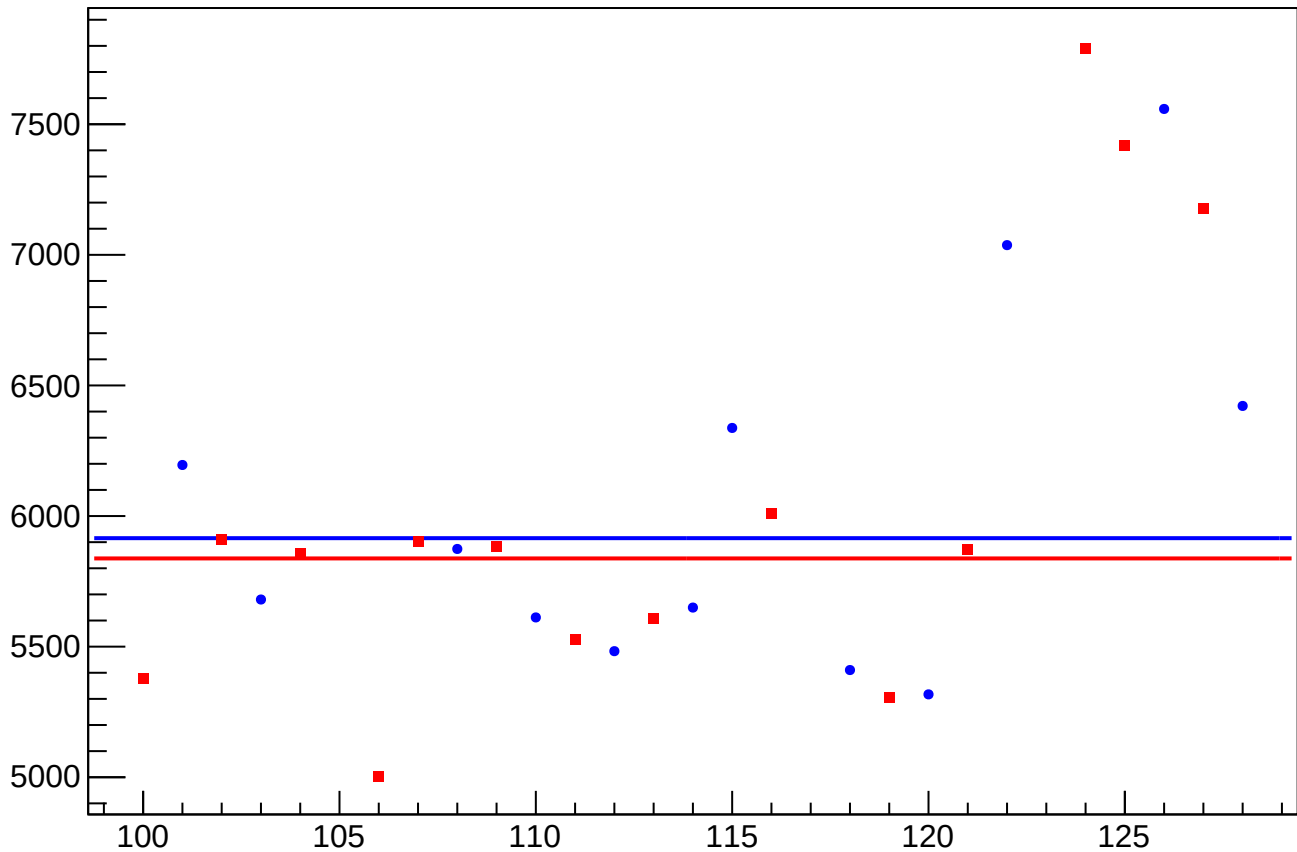
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.189 $\pm$ 1.822 χ^2 /NDF: 62.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l05X_rms vs Slug



Right In: 5915.304+/-1.881 χ^2/NDF : 98234.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

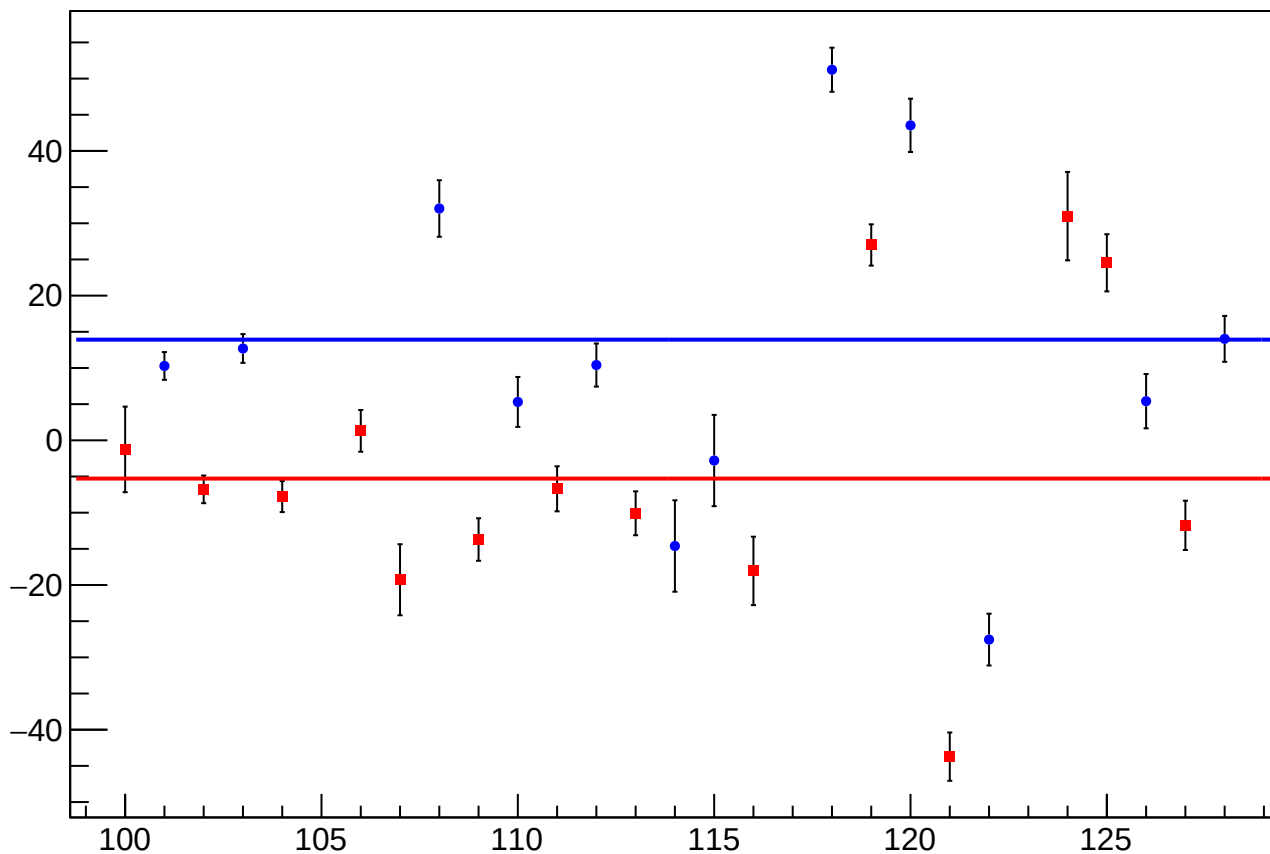
Right Out: 5837.728+/-1.768 χ^2/NDF : 118331.9/13

All: 5874.131+/-1.288 χ^2/NDF : 217469.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l05Y_mean vs Slug



Right In: 13.917+/-0.889 χ^2/NDF : 414.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.288+/-0.832 χ^2/NDF : 390.3/13

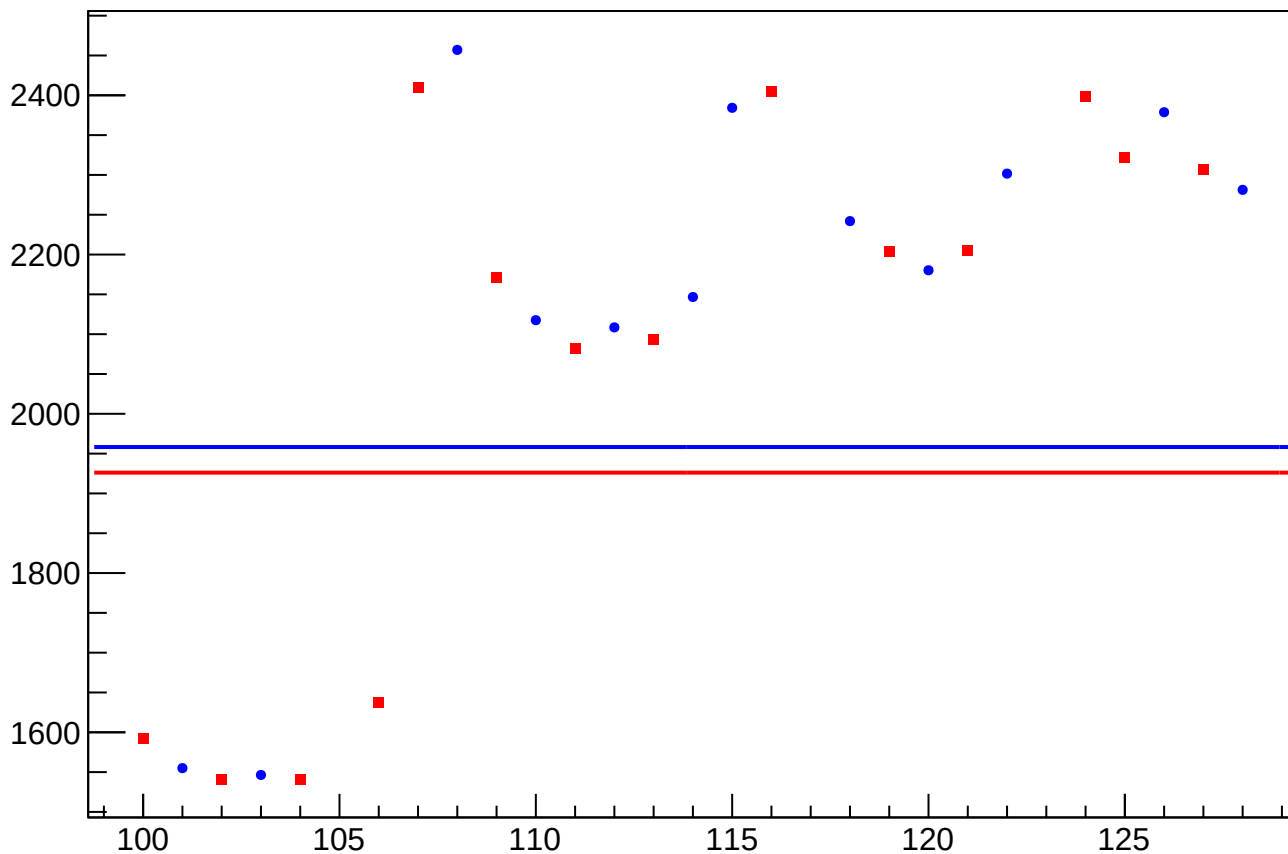
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.685+/-0.607 χ^2/NDF : 1053.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l05Y_rms vs Slug



Right In: 1958.258+/-0.628 χ^2/NDF : 315925.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1926.108+/-0.588 χ^2/NDF : 327538.6/13

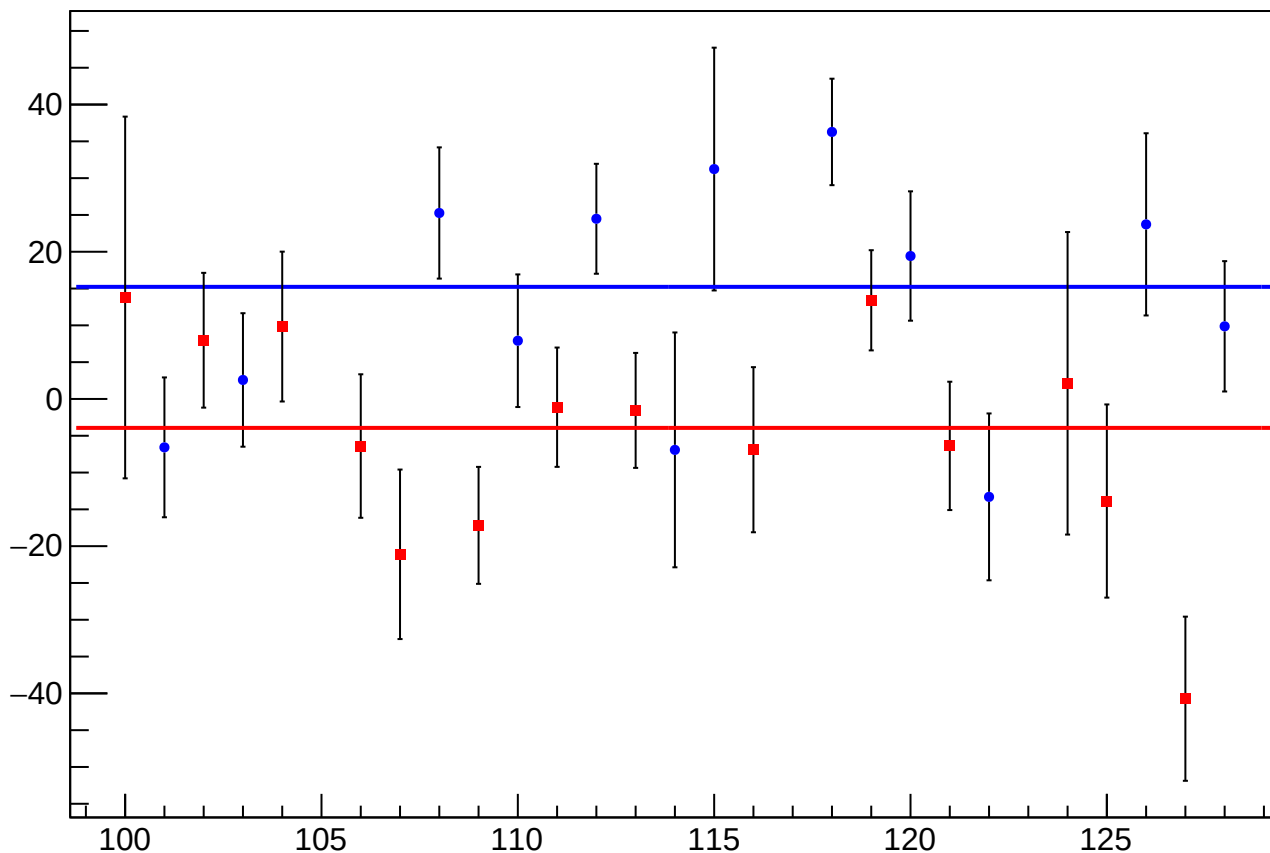
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1941.129+/-0.429 χ^2/NDF : 644858.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l06X_mean vs Slug



Right In: 15.231+/-2.744 χ^2 /NDF: 29.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -3.932+/-2.602 χ^2 /NDF: 27.5/13

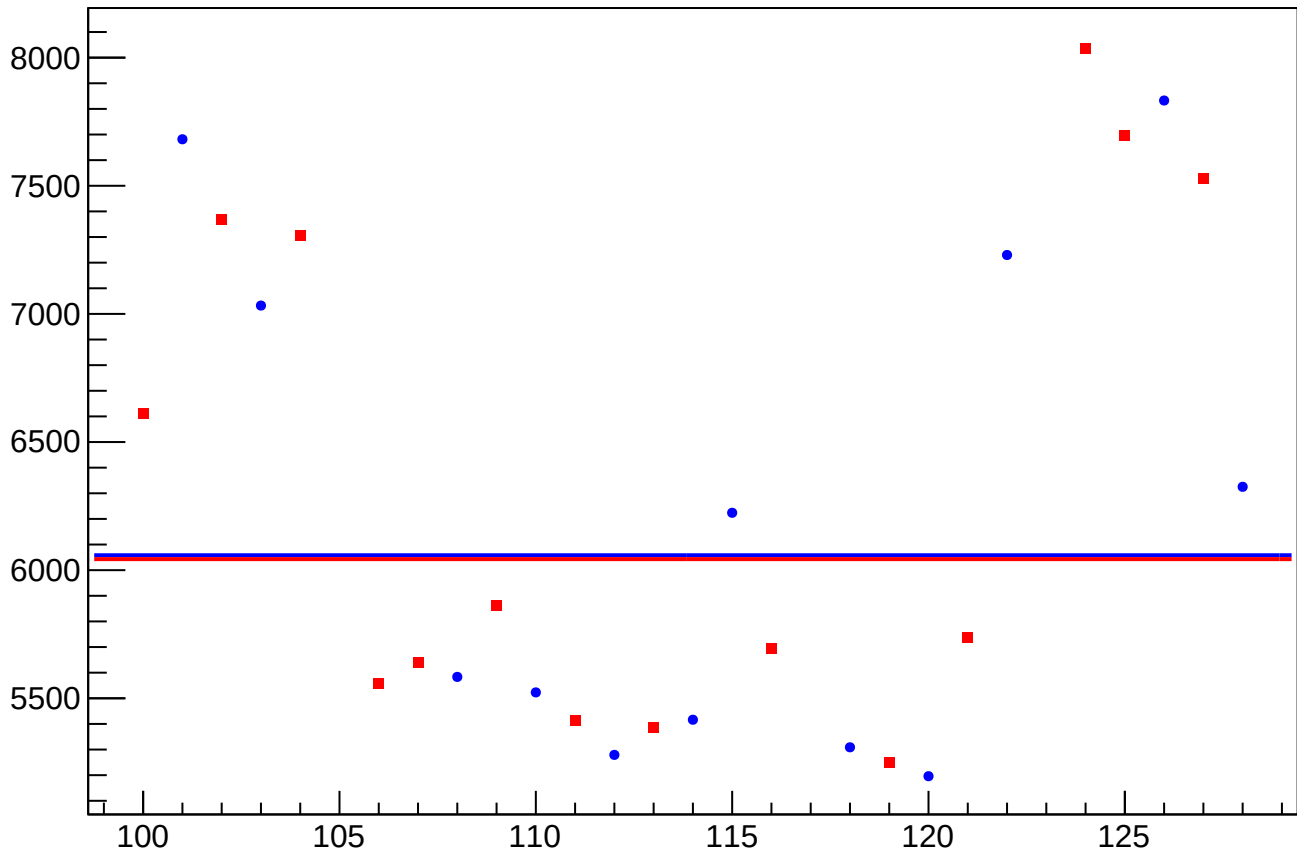
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 5.142+/-1.888 χ^2 /NDF: 82.6/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm0l06X_rms vs Slug



Right In: 6058.193+/-1.940 χ^2/NDF : 224435.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6043.090+/-1.840 χ^2/NDF : 226004.9/13

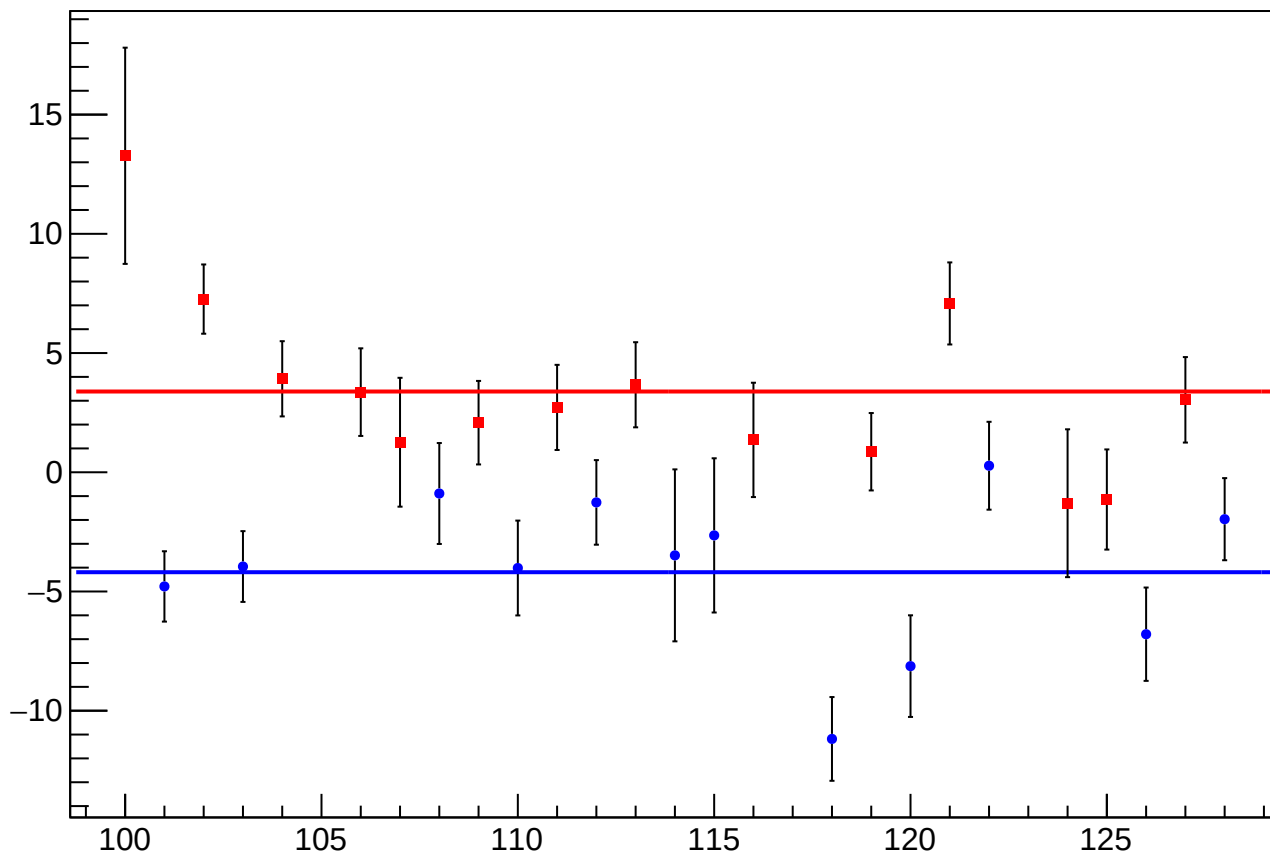
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6050.242+/-1.335 χ^2/NDF : 450472.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l06Y_mean vs Slug



Right In: -4.191 ± 0.549 χ^2/NDF : 34.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 3.387 ± 0.510 χ^2/NDF : 28.0/13

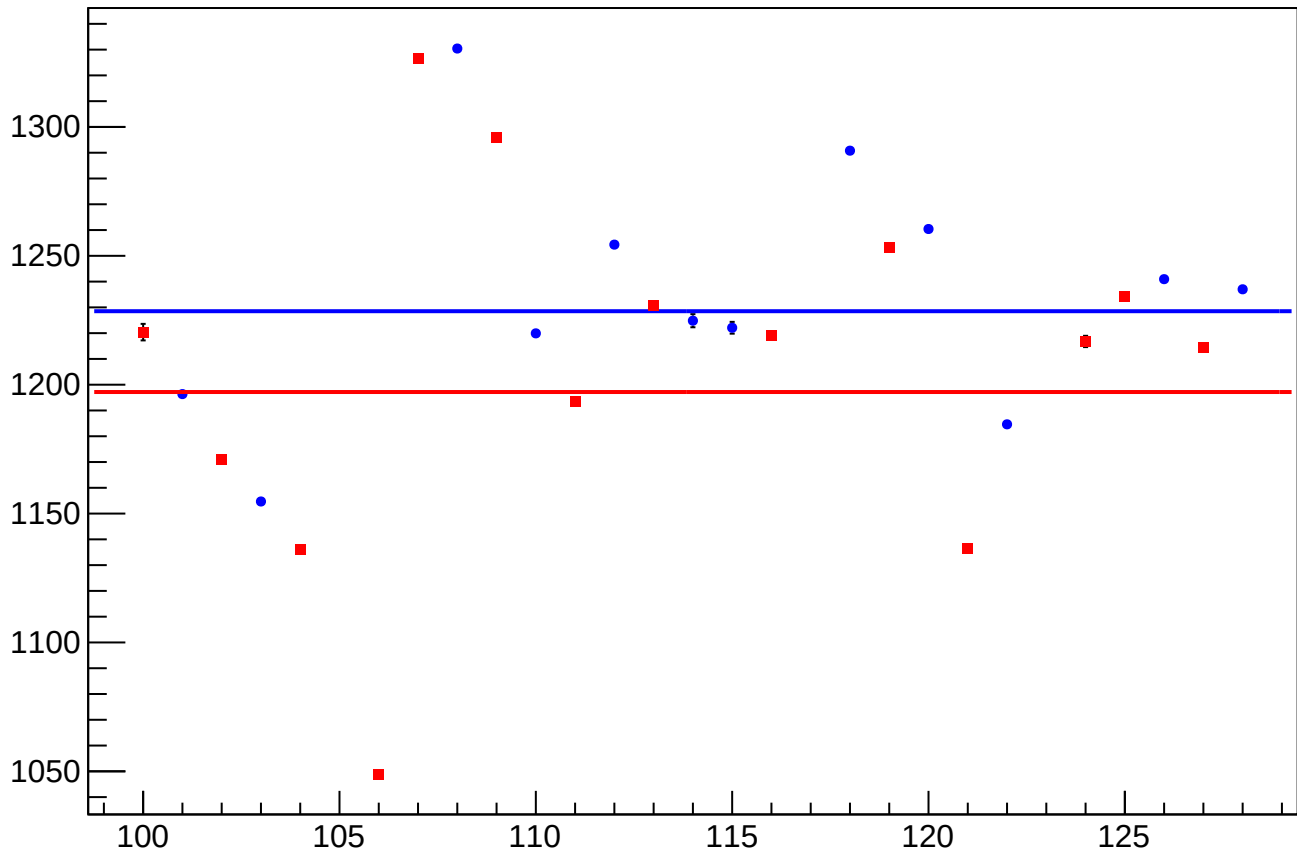
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.123 ± 0.374 χ^2/NDF : 164.5/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0l06Y_rms vs Slug



Right In: 1228.514+/-0.388 χ^2/NDF : 15235.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1197.160+/-0.361 χ^2/NDF : 34359.2/13

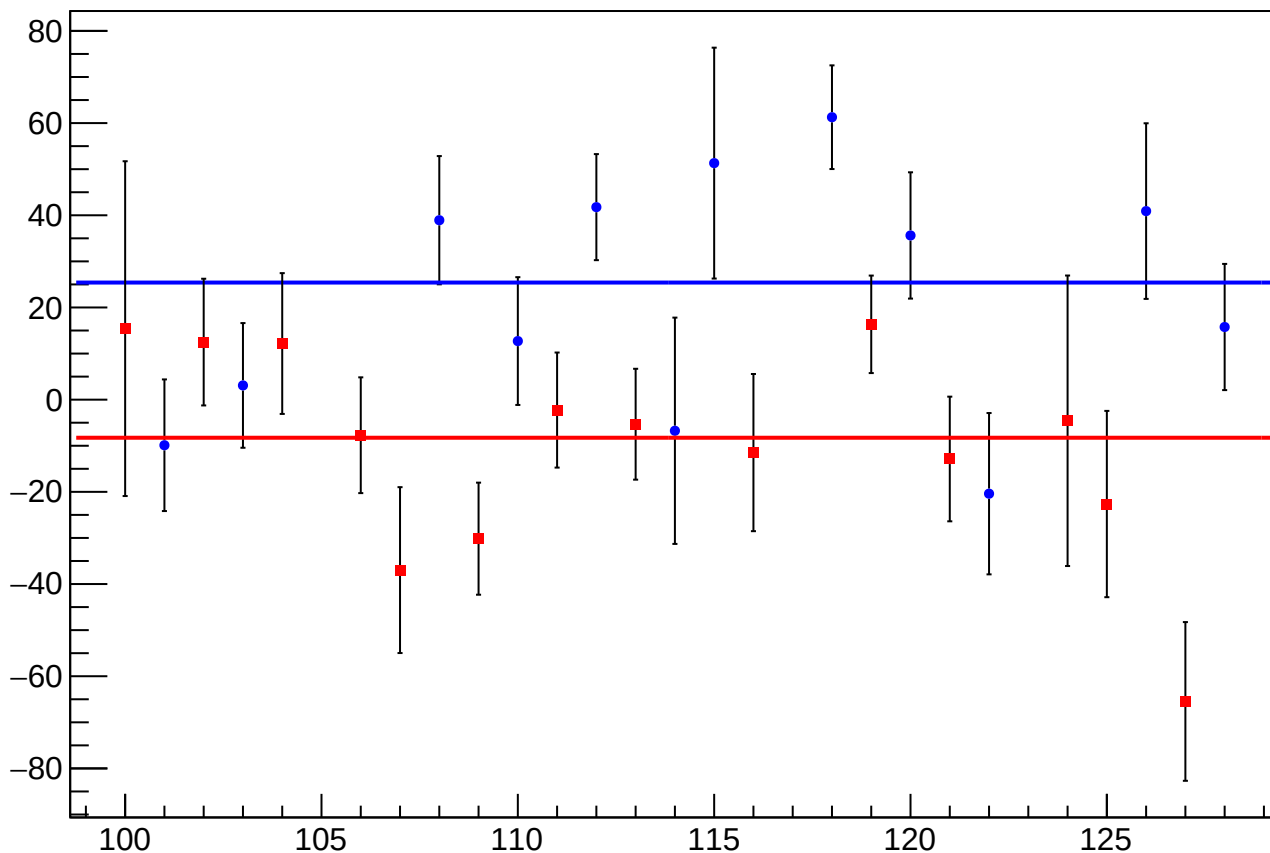
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1211.683+/-0.264 χ^2/NDF : 53096.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l07X_mean vs Slug



Right In: 25.407+/-4.220 χ^2 /NDF: 34.2/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -8.260+/-3.936 χ^2 /NDF: 27.7/13

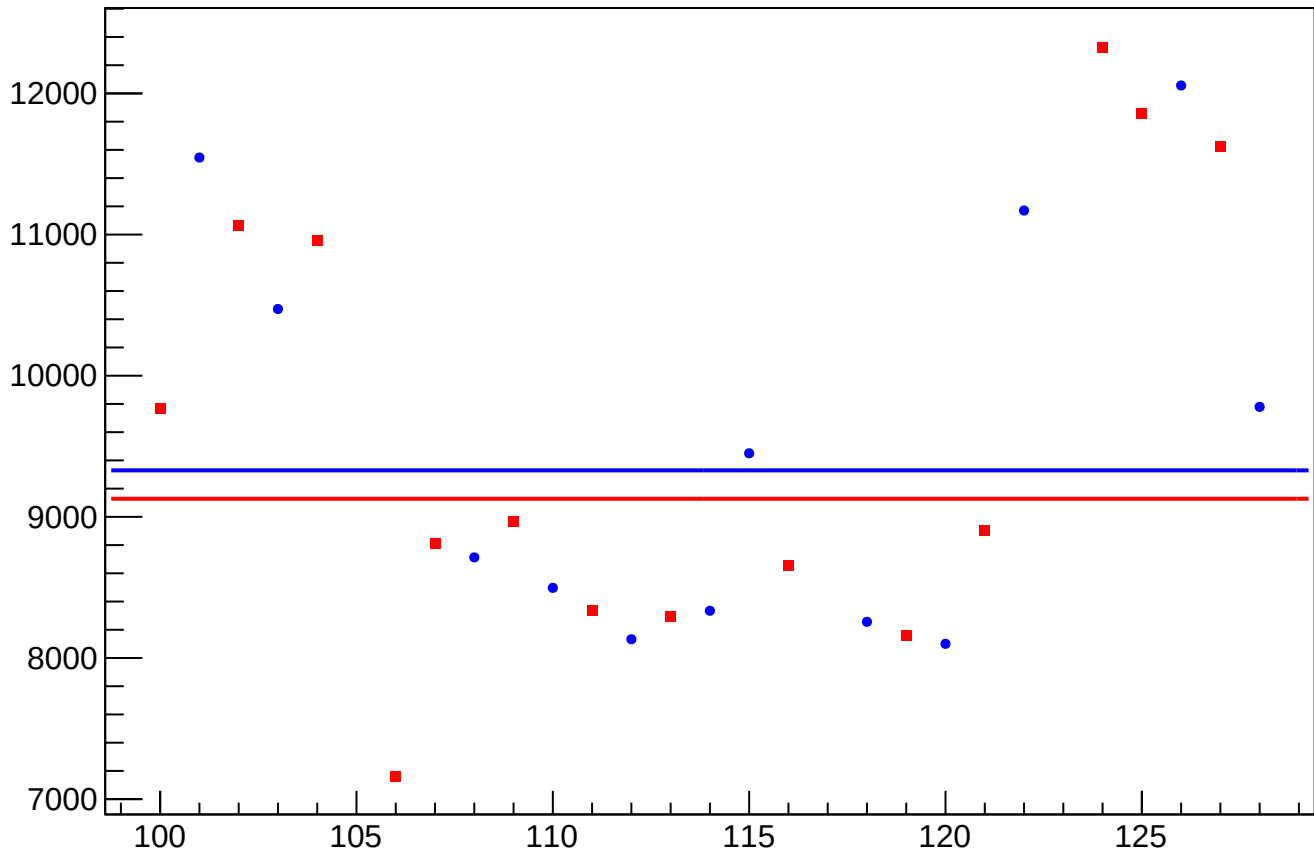
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 7.401+/-2.878 χ^2 /NDF: 95.9/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm0l07X_rms vs Slug



Right In: 9329.298 $\pm$ 2.984 χ^2 /NDF: 198171.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9128.380 $\pm$ 2.783 χ^2 /NDF: 254706.0/13

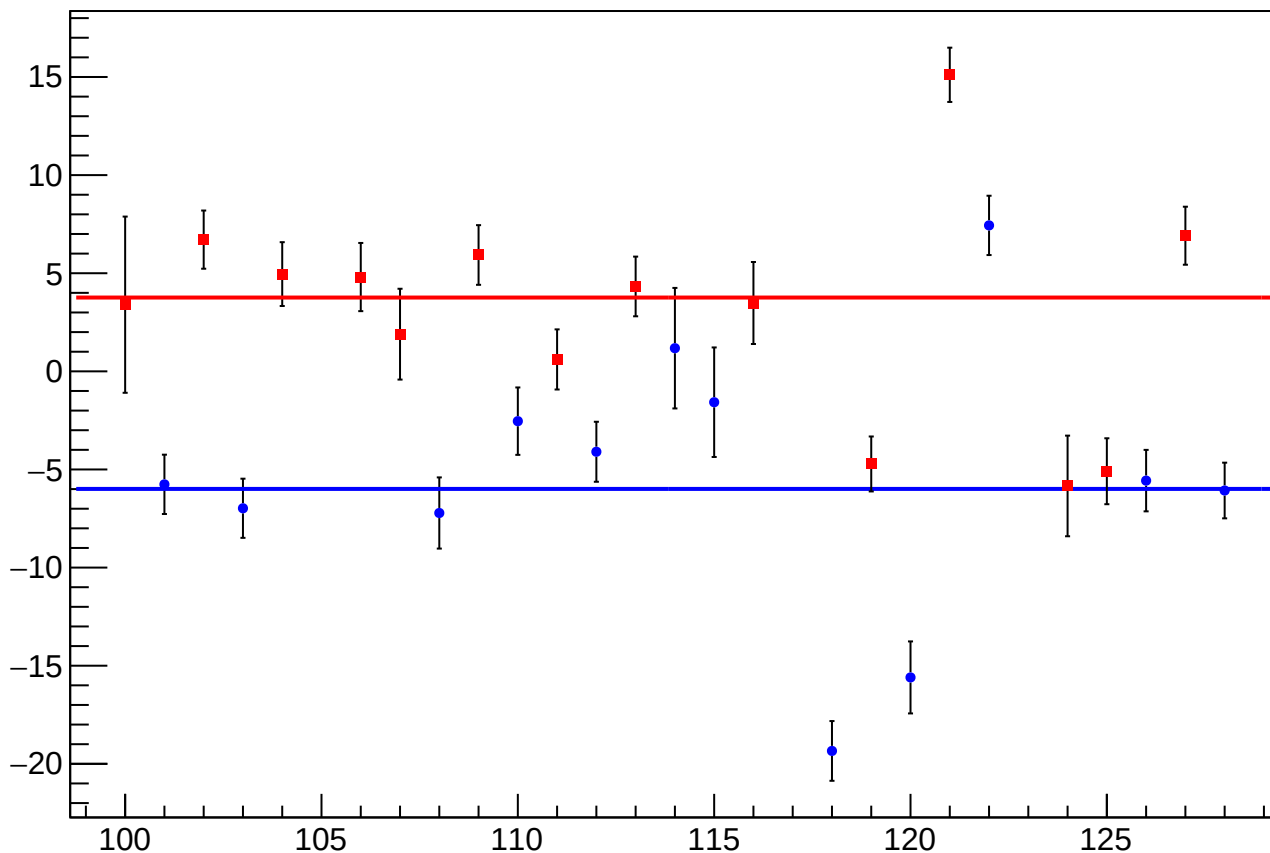
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9221.844 $\pm$ 2.035 χ^2 /NDF: 455301.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l07Y_mean vs Slug



Right In: -5.991+/-0.485 χ^2/NDF : 197.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.761+/-0.451 χ^2/NDF : 162.3/13

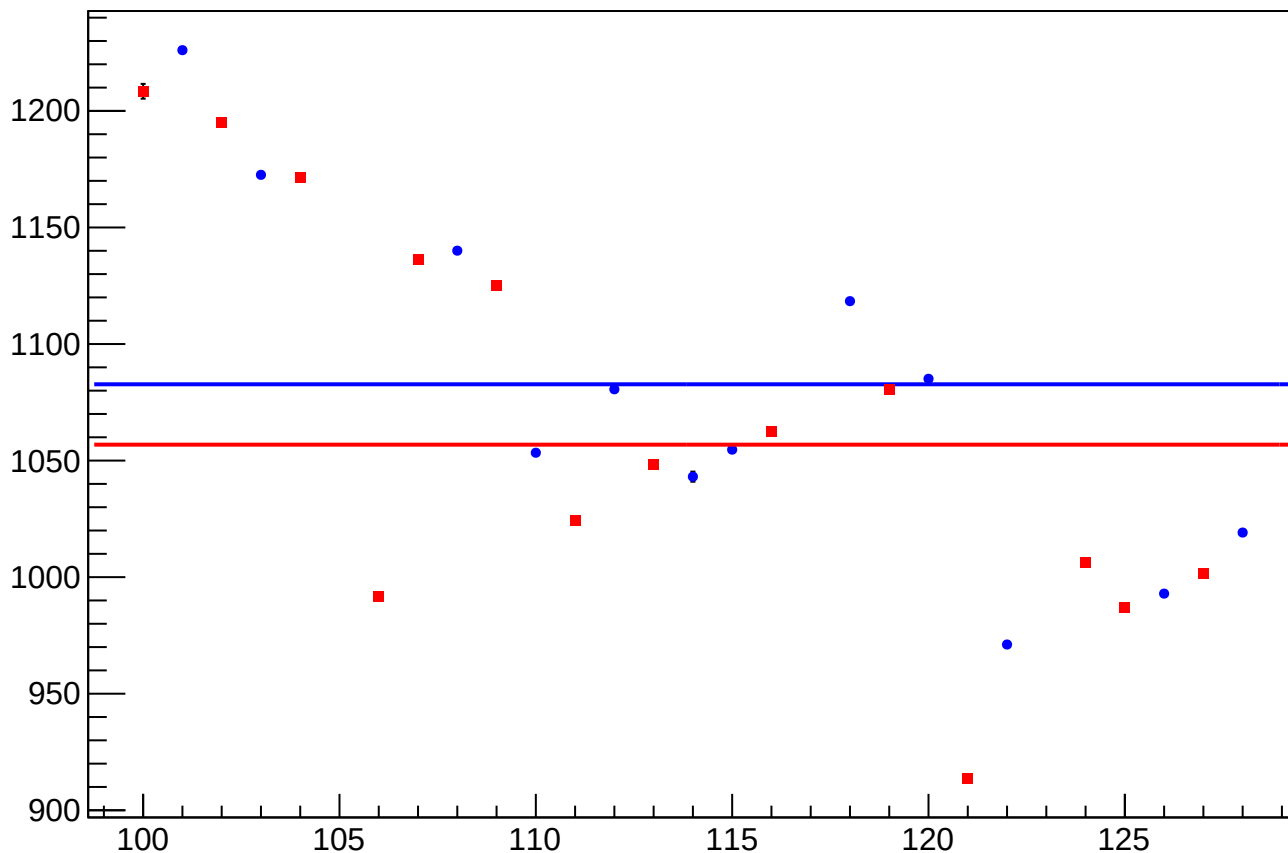
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.762+/-0.330 χ^2/NDF : 577.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l07Y_rms vs Slug



Right In: 1082.732 $\pm$ 0.343 χ^2 /NDF: 50810.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1056.833 $\pm$ 0.319 χ^2 /NDF: 68861.4/13

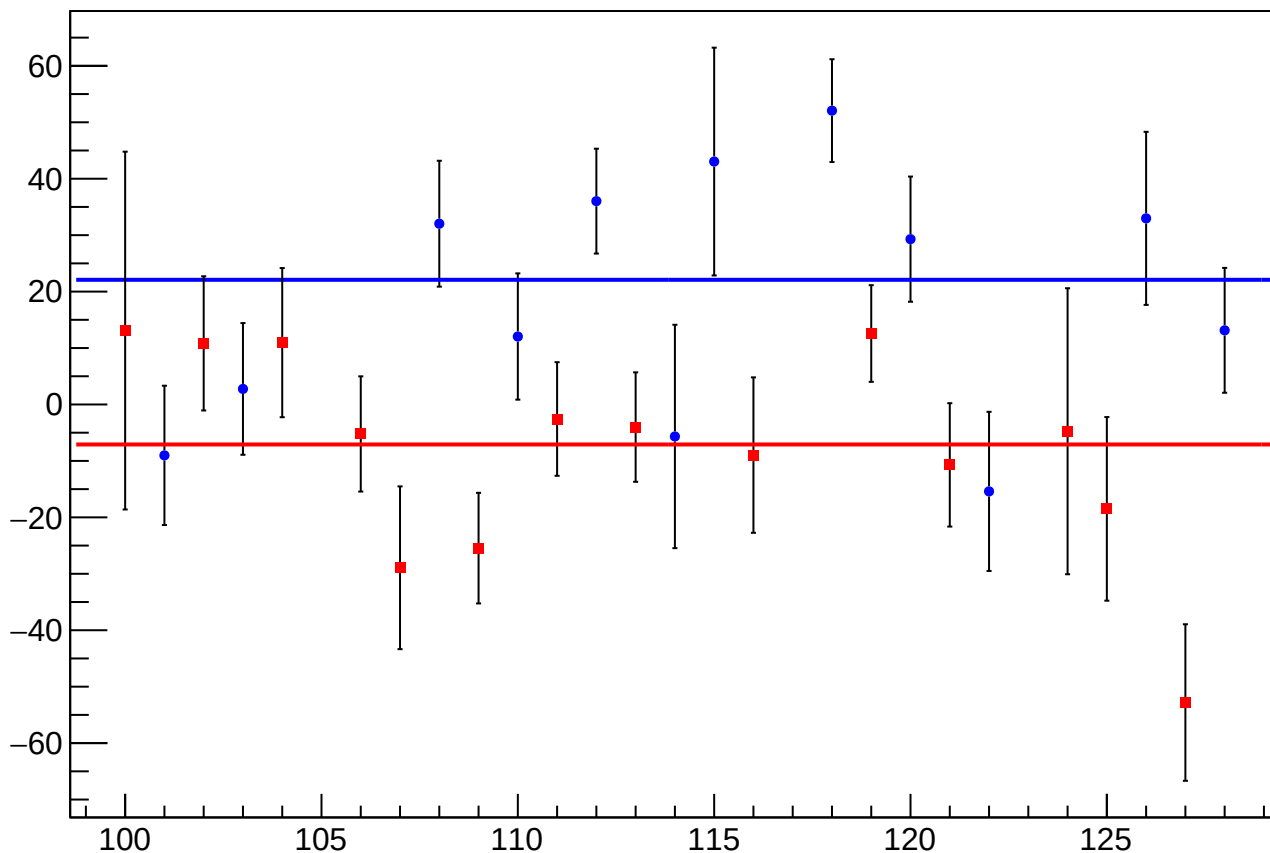
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1068.845 $\pm$ 0.233 χ^2 /NDF: 122732.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l08X_mean vs Slug



Right In: 22.092+/-3.447 χ^2/NDF : 35.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.088+/-3.212 χ^2/NDF : 27.5/13

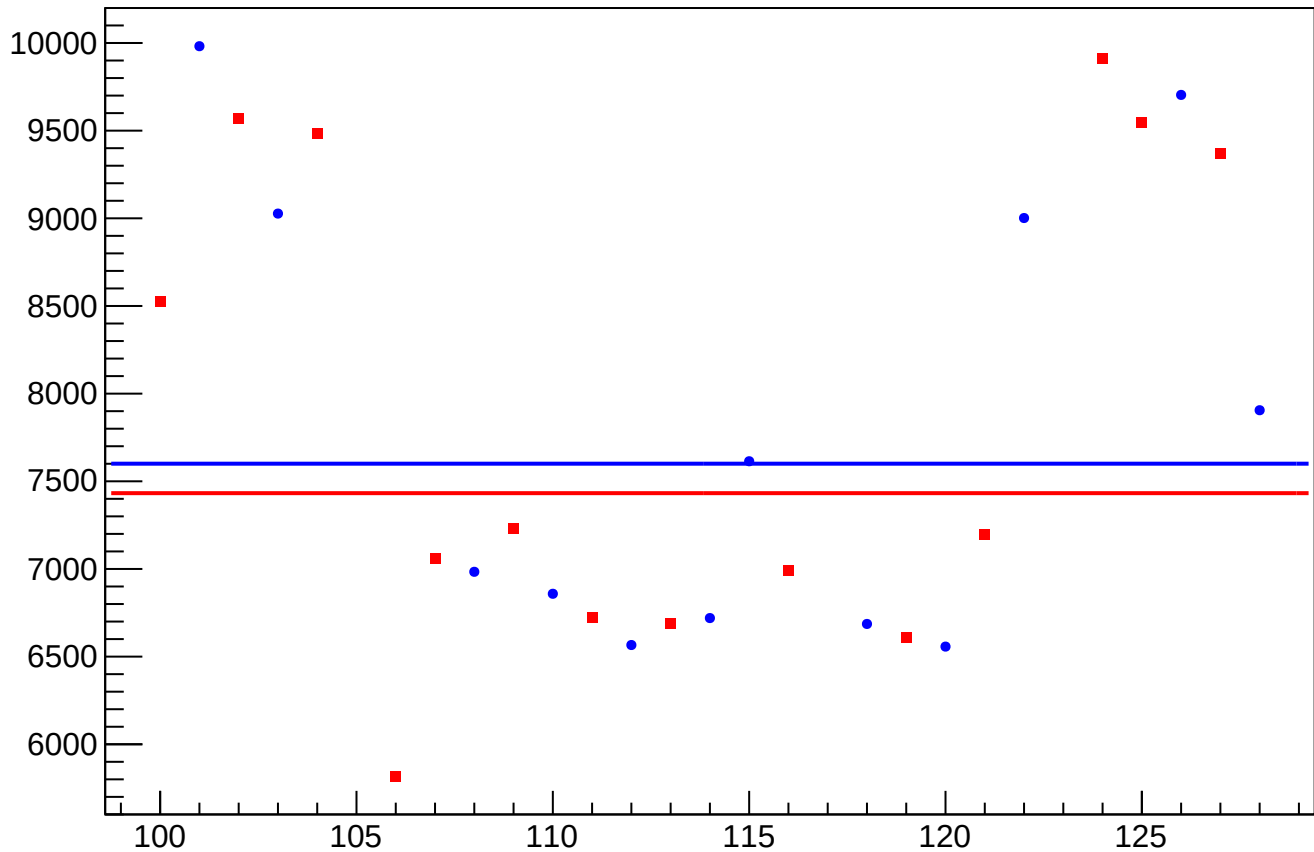
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.474+/-2.350 χ^2/NDF : 101.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l08X_rms vs Slug



Right In: 7600.454+/-2.437 χ^2/NDF : 244761.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7432.357+/-2.271 χ^2/NDF : 302514.5/13

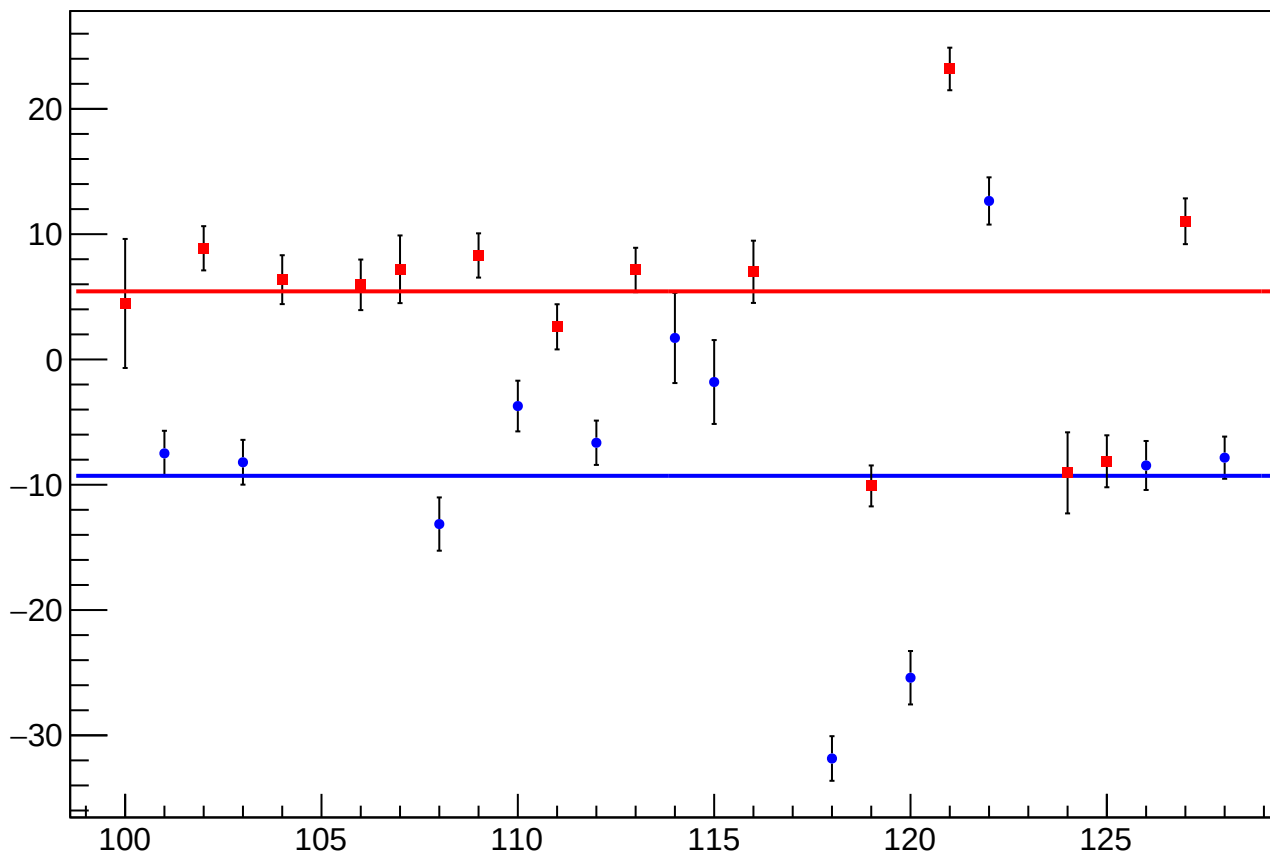
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7510.486+/-1.661 χ^2/NDF : 549822.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l08Y_mean vs Slug



Right In: -9.287+/-0.577 χ^2/NDF : 382.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.436+/-0.537 χ^2/NDF : 282.6/13

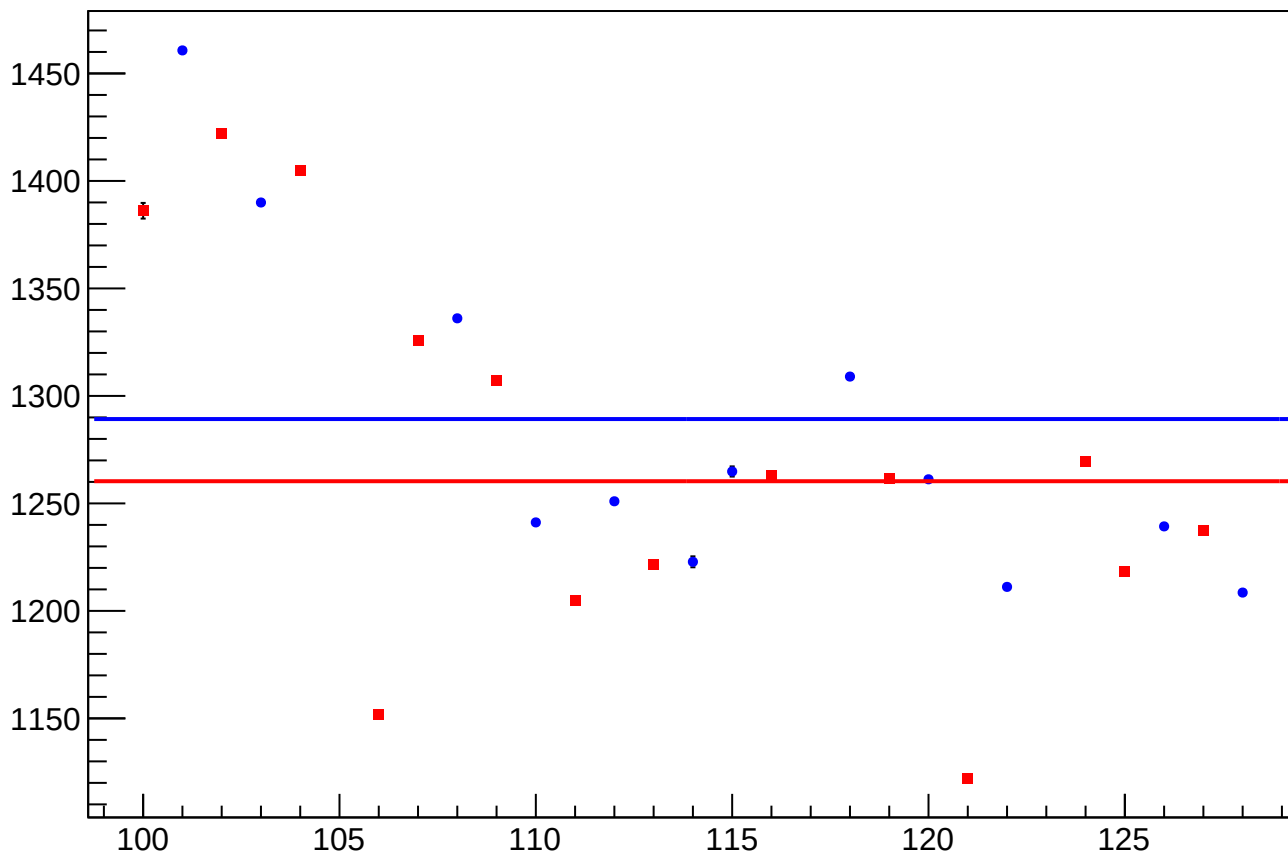
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.404+/-0.393 χ^2/NDF : 1014.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l08Y_rms vs Slug



Right In: 1289.238+/-0.408 χ^2/NDF : 38225.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1260.323+/-0.380 χ^2/NDF : 54645.7/13

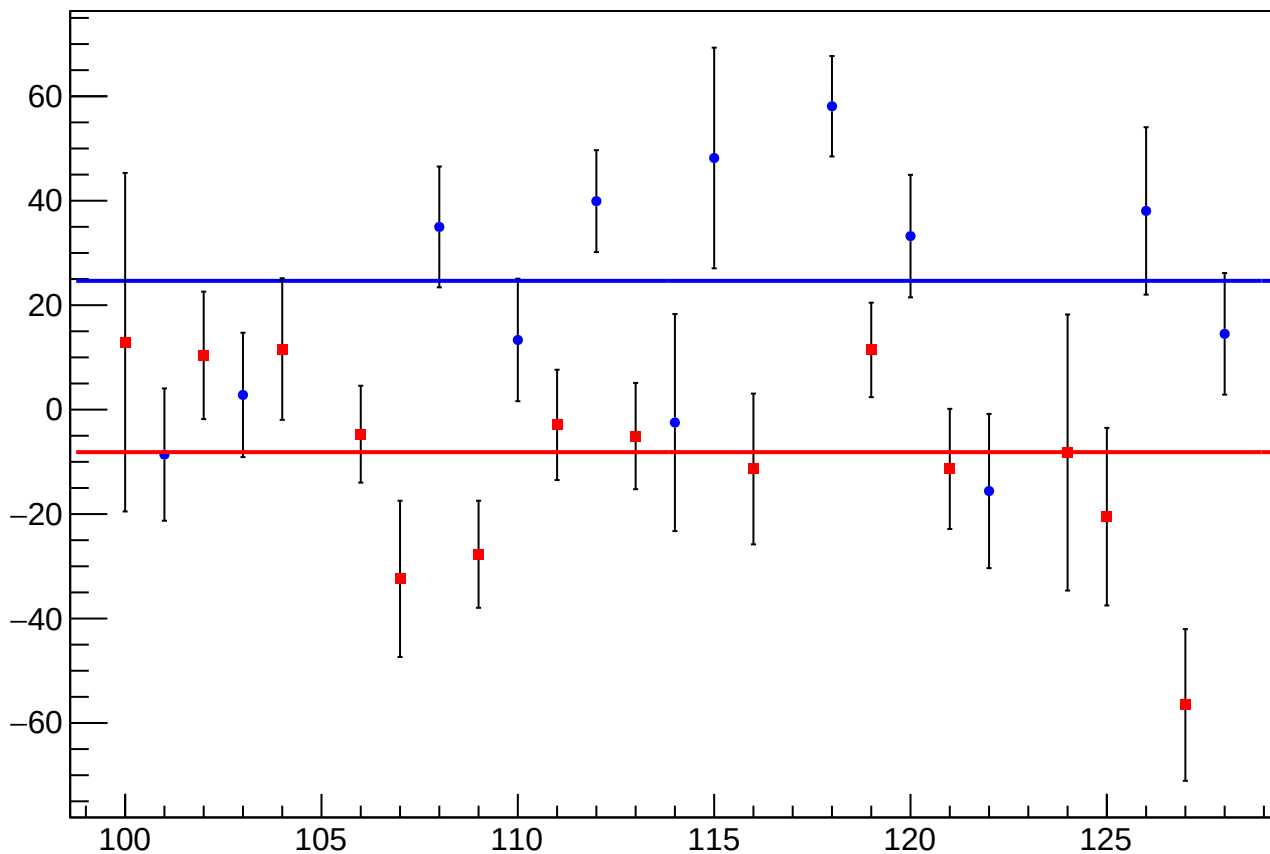
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1273.756+/-0.278 χ^2/NDF : 95560.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l09X_mean vs Slug



Right In: 24.659+/-3.603 χ^2/NDF : 38.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.137+/-3.305 χ^2/NDF : 28.0/13

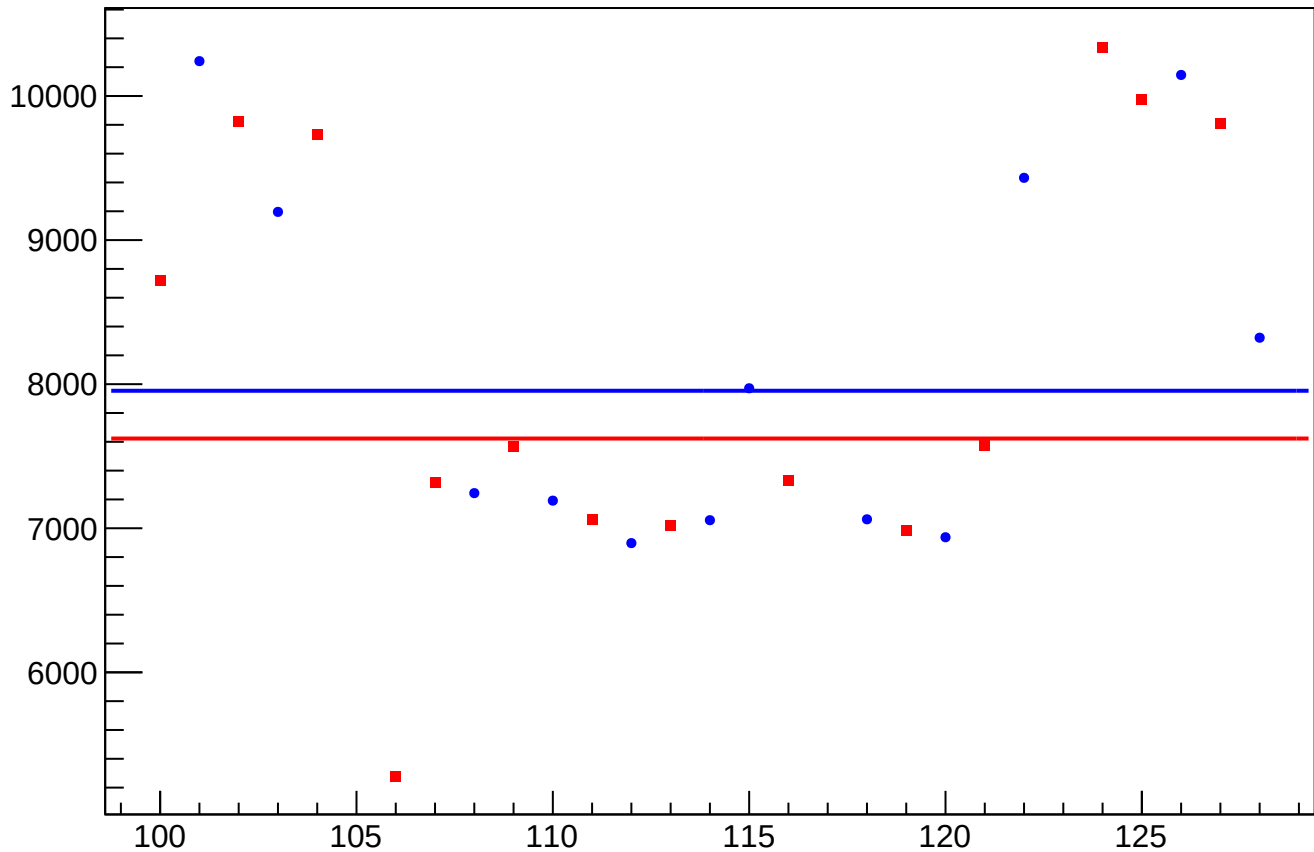
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.848+/-2.436 χ^2/NDF : 111.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l09X_rms vs Slug



Right In: 7954.308+/-2.548 χ^2/NDF : 221864.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

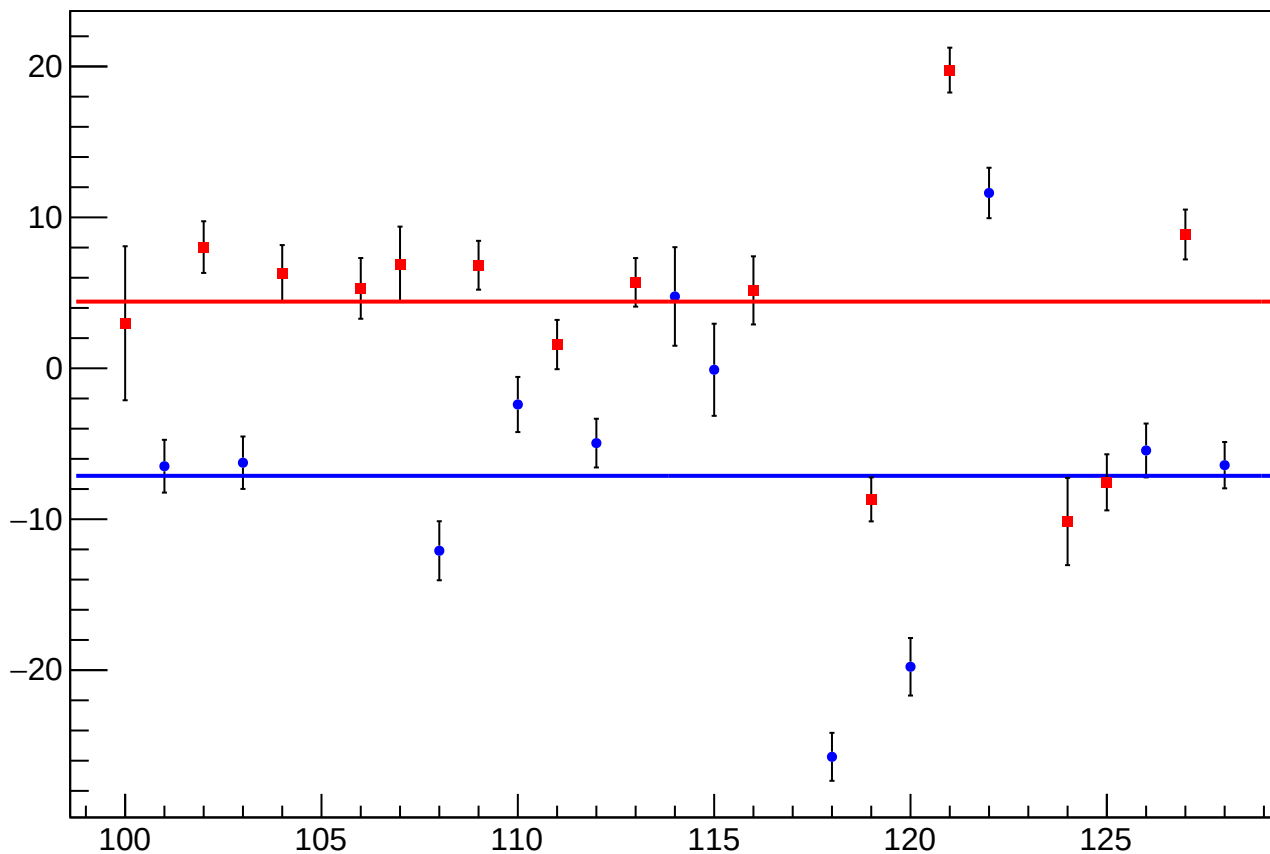
Right Out: 7622.783+/-2.337 χ^2/NDF : 373271.9/13

All: 7774.263+/-1.722 χ^2/NDF : 604331.1/25

- 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: -7.125 ± 0.529 χ^2/NDF : 342.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 4.420 ± 0.493 χ^2/NDF : 274.2/13

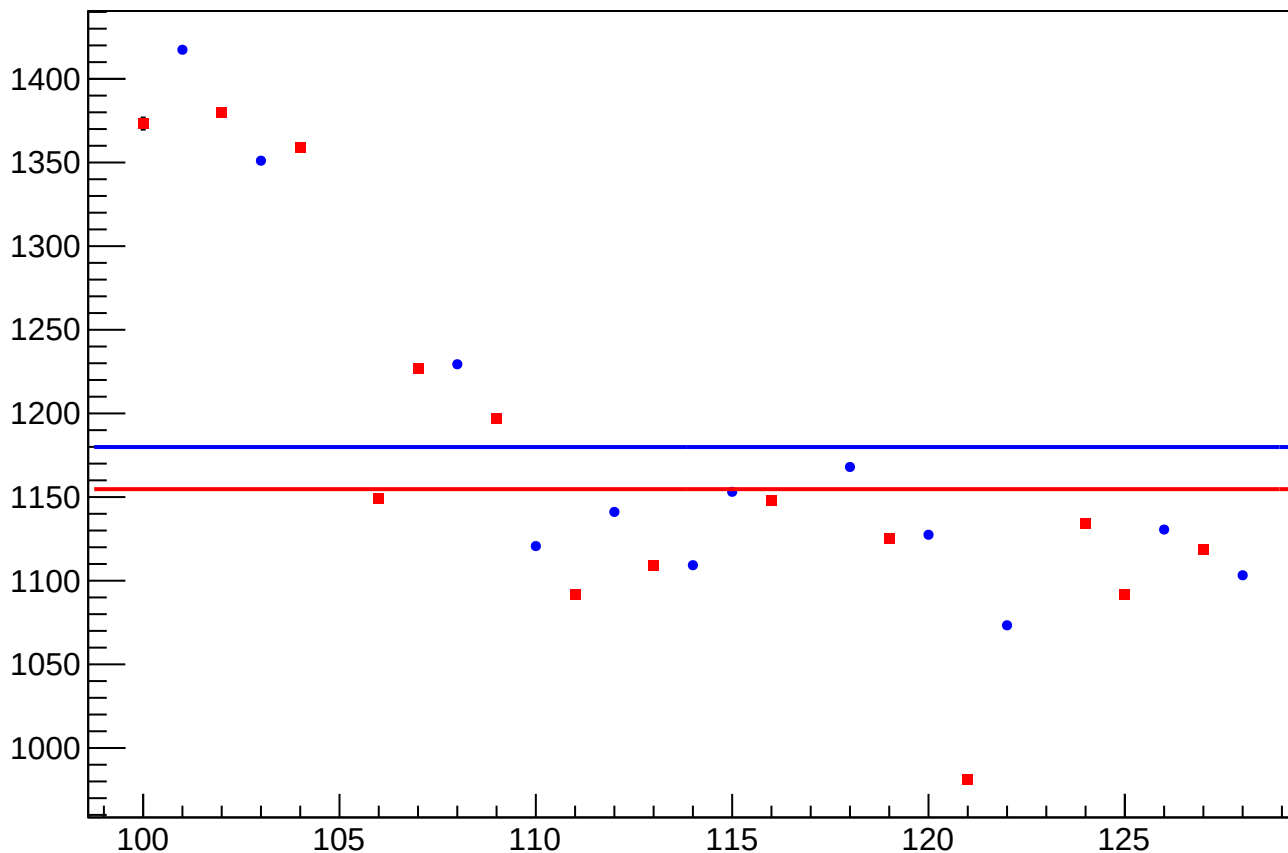
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.950 ± 0.361 χ^2/NDF : 870.9/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0l09Y_rms vs Slug



Right In: 1179.904 $\pm$ 0.374 χ^2 /NDF: 78229.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1154.736 $\pm$ 0.349 χ^2 /NDF: 100796.3/13

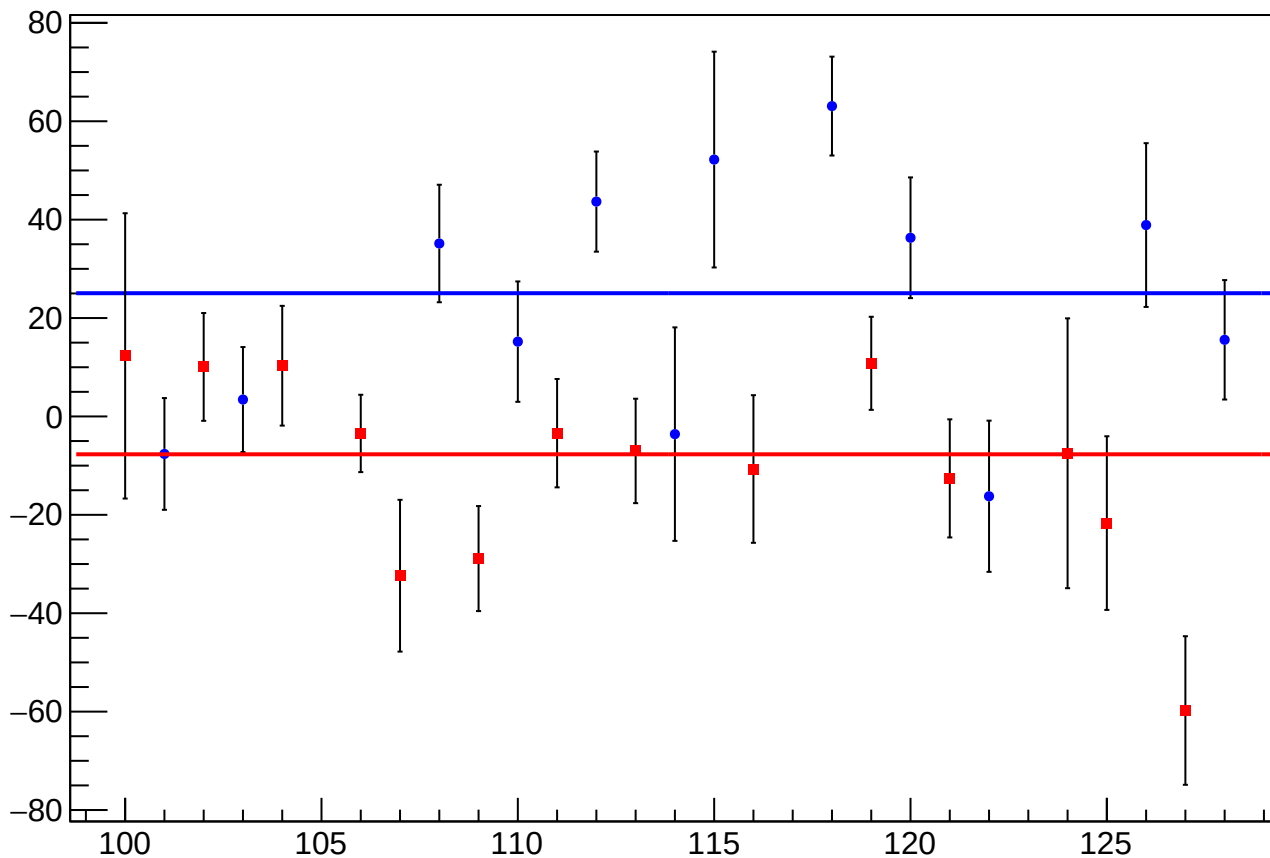
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1166.443 $\pm$ 0.255 χ^2 /NDF: 181445.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l10X_mean vs Slug



Right In: 25.049+/-3.645 χ^2 /NDF: 44.1/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -7.694+/-3.261 χ^2 /NDF: 28.8/13

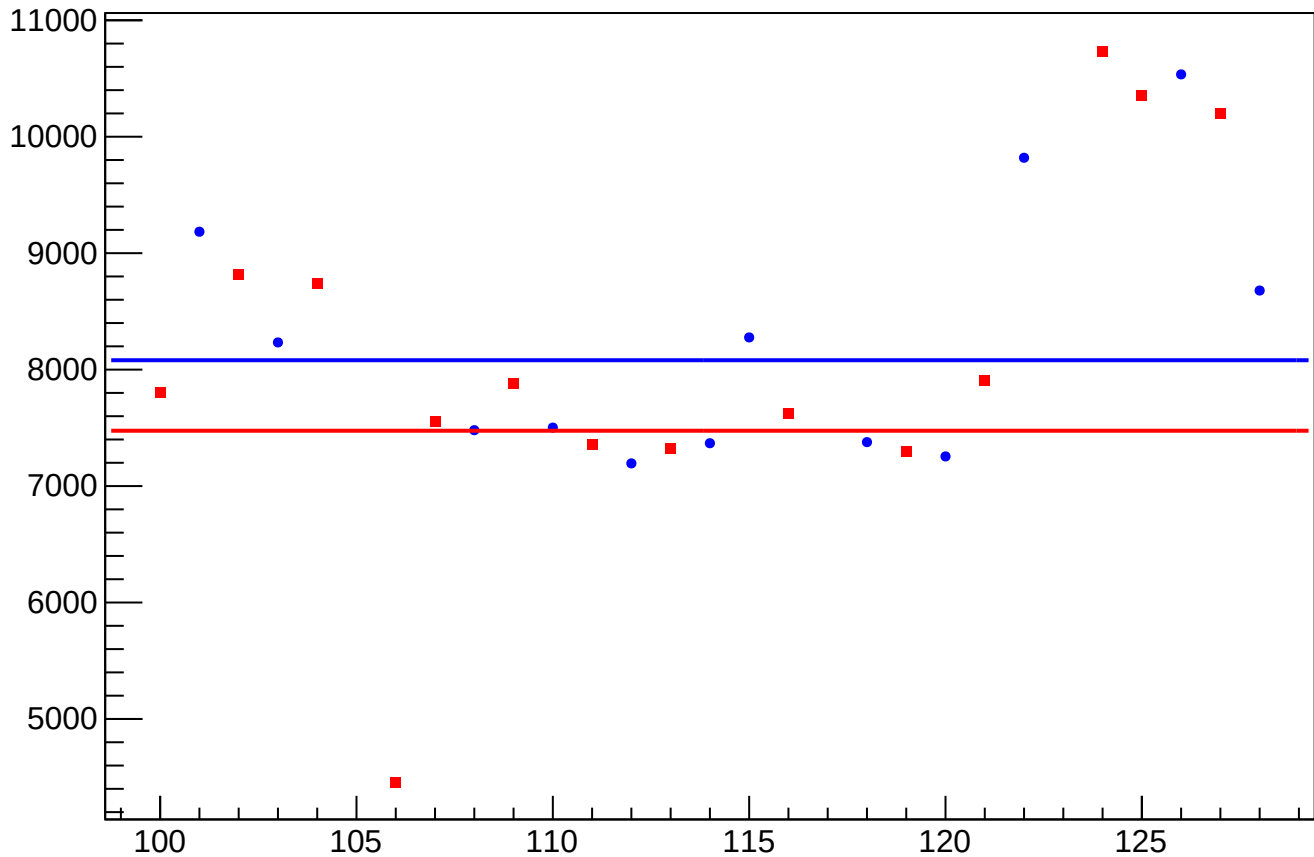
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 6.862+/-2.430 χ^2 /NDF: 117.7/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm0l10X_rms vs Slug



Right In: 8080.592+/-2.577 χ^2/NDF : 139130.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

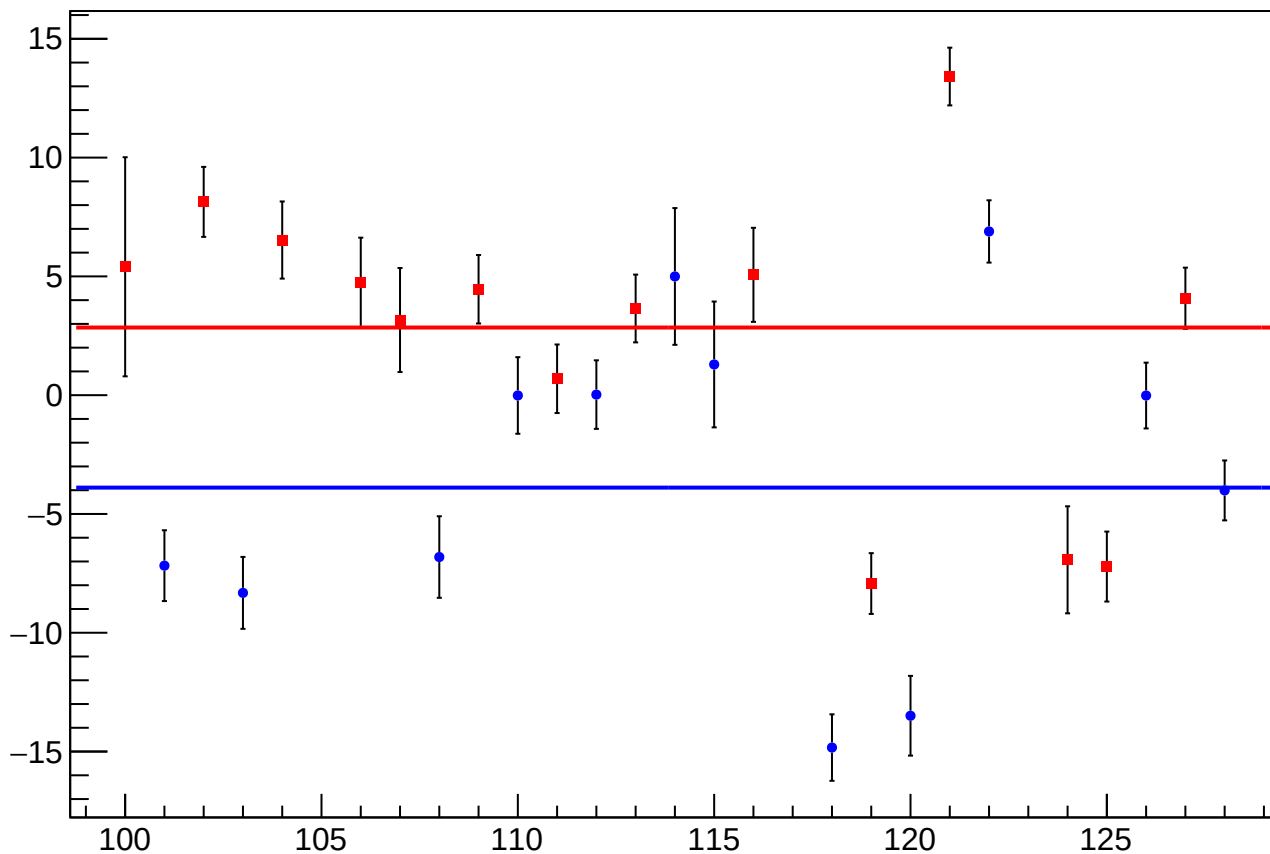
Right Out: 7475.185+/-2.306 χ^2/NDF : 500317.6/13

All: 7744.322+/-1.718 χ^2/NDF : 670094.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l10Y_mean vs Slug



Right In: -3.891 $\pm$ 0.449 χ^2 /NDF: 212.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.848 $\pm$ 0.421 χ^2 /NDF: 237.5/13

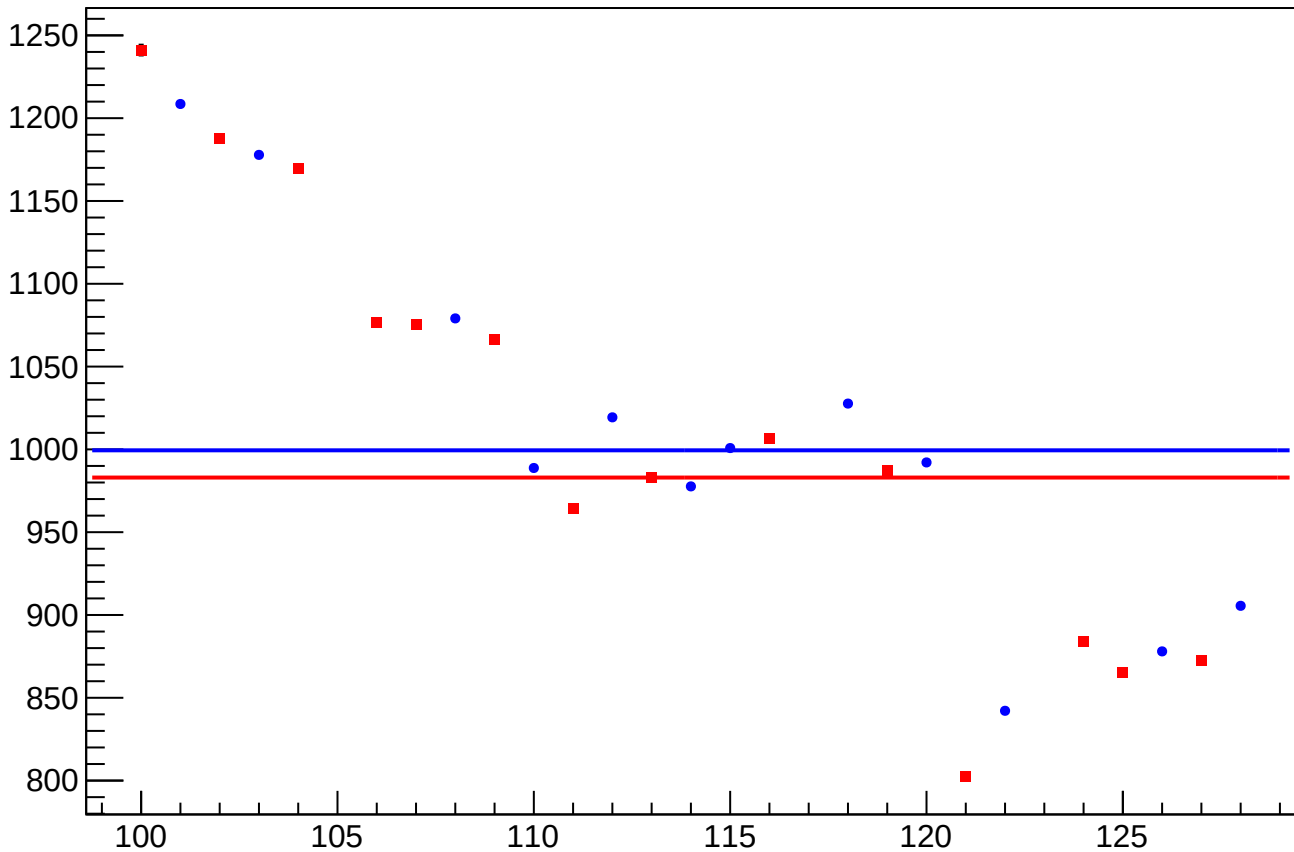
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.304 $\pm$ 0.307 χ^2 /NDF: 569.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l10Y_rms vs Slug



Right In: 999.435+/-0.318 χ^2/NDF : 128157.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 982.988+/-0.298 χ^2/NDF : 162526.6/13

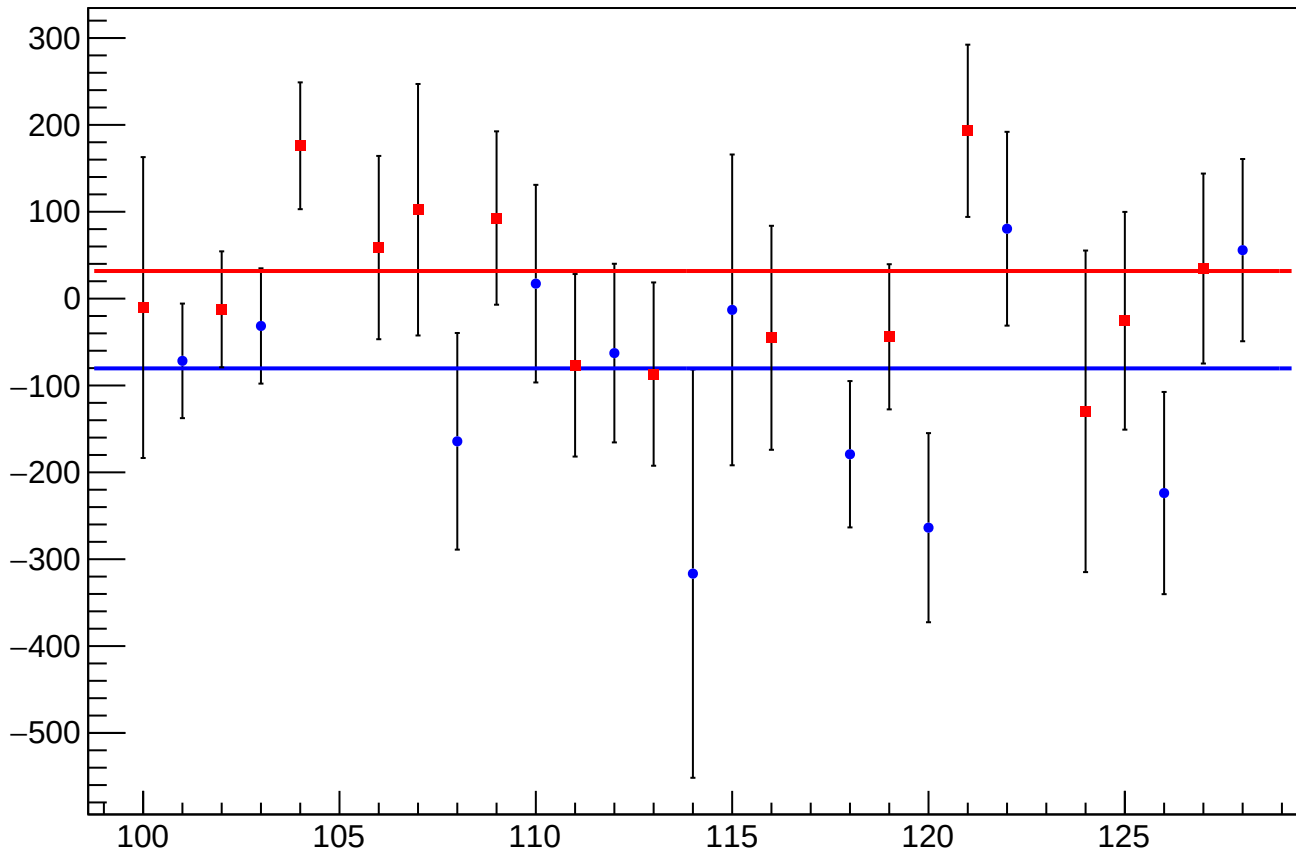
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 990.681+/-0.217 χ^2/NDF : 292110.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0r03X_mean vs Slug



Right In: -80.314 ± 28.714 χ^2/NDF : 12.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 31.783 ± 27.264 χ^2/NDF : 12.2/13

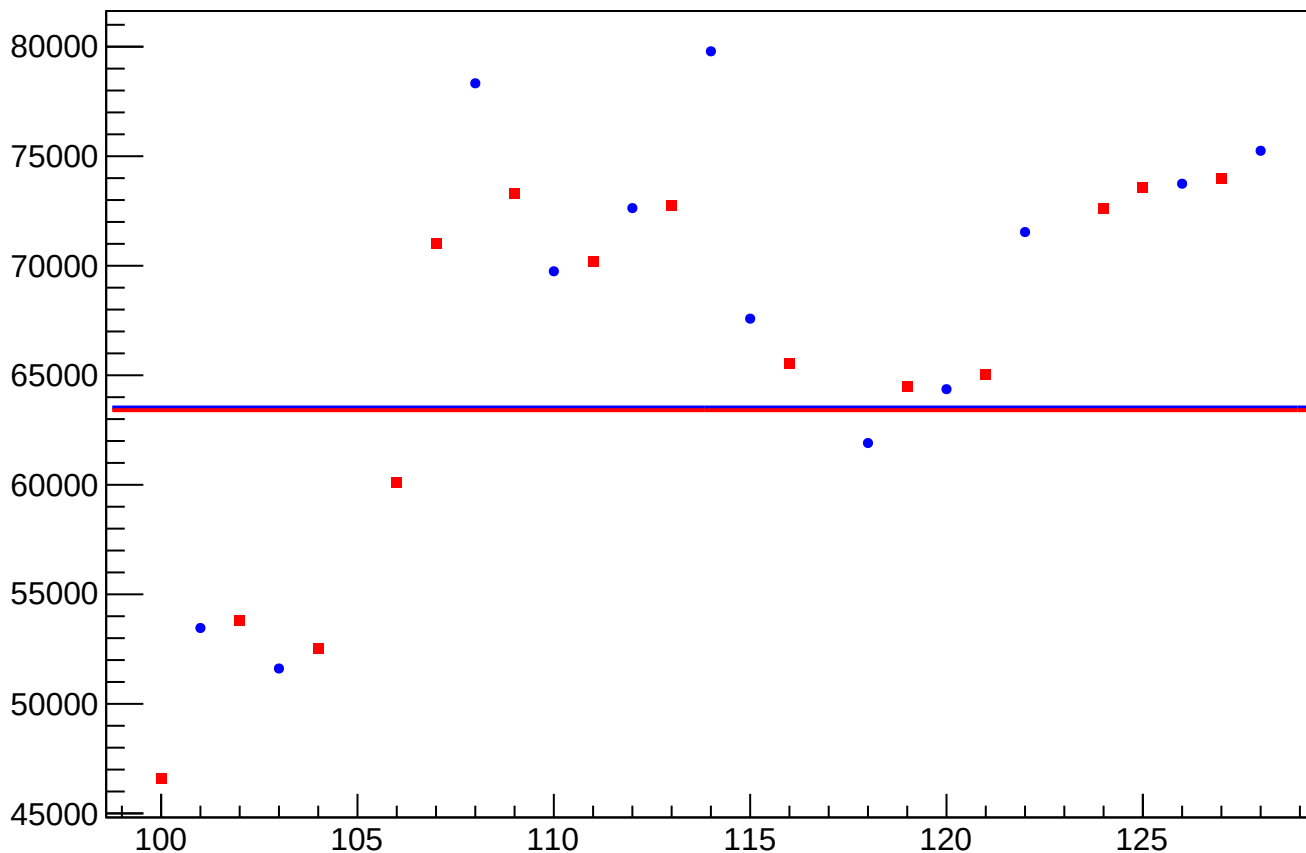
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -21.363 ± 19.771 χ^2/NDF : 32.6/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0r03X_rms vs Slug



Right In: 63528.692 $\pm$ 20.304 χ^2 /NDF: 223019.1/11

+ 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

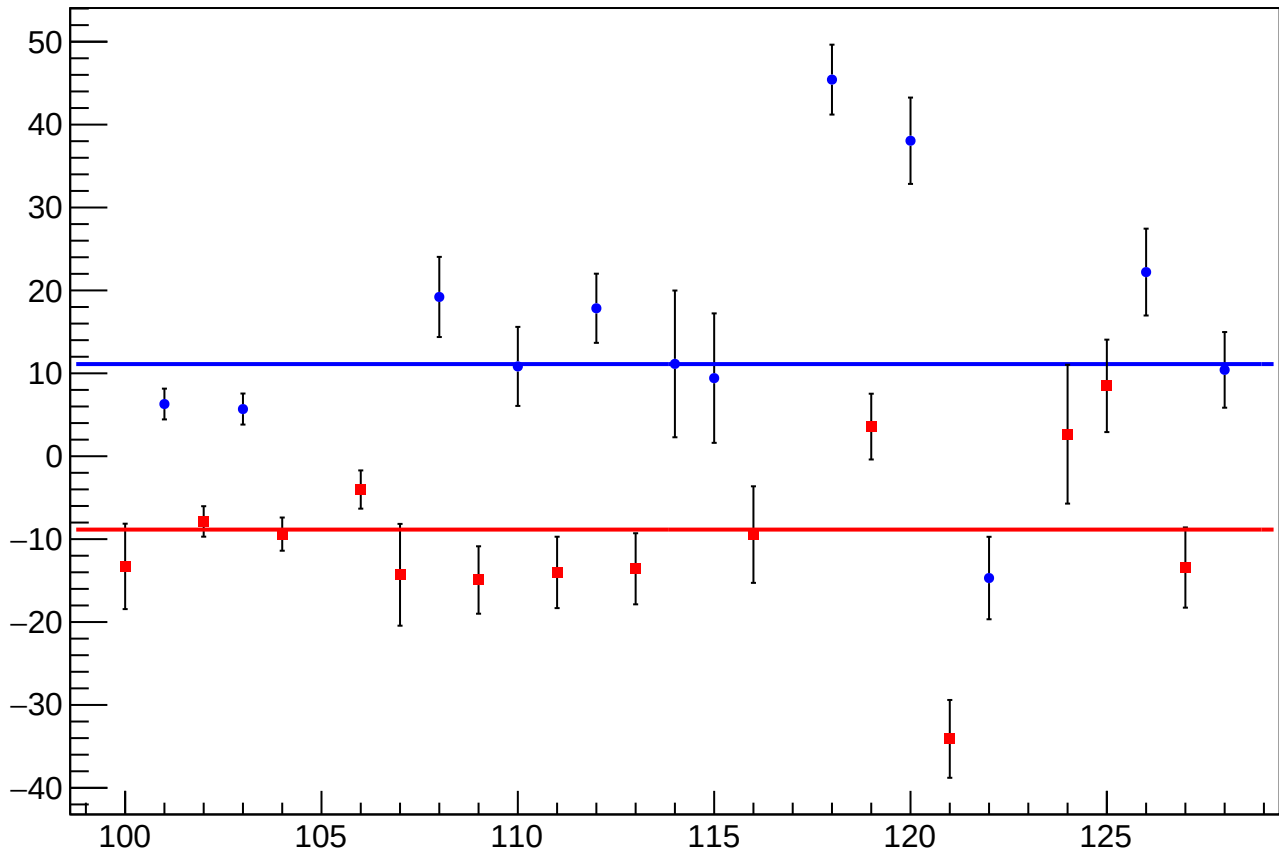
All: 63464.718 $\pm$ -13.980 χ^2 /NDF: 417394.1/13

Right Out: 63407.044 $\pm$ -19.278 χ^2 /NDF: 194356.1/13

- sign 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_bpm0r03Y_mean vs Slug



Right In: 11.115 $\pm$ 1.017 χ^2 /NDF: 145.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.849 $\pm$ 0.915 χ^2 /NDF: 62.4/13

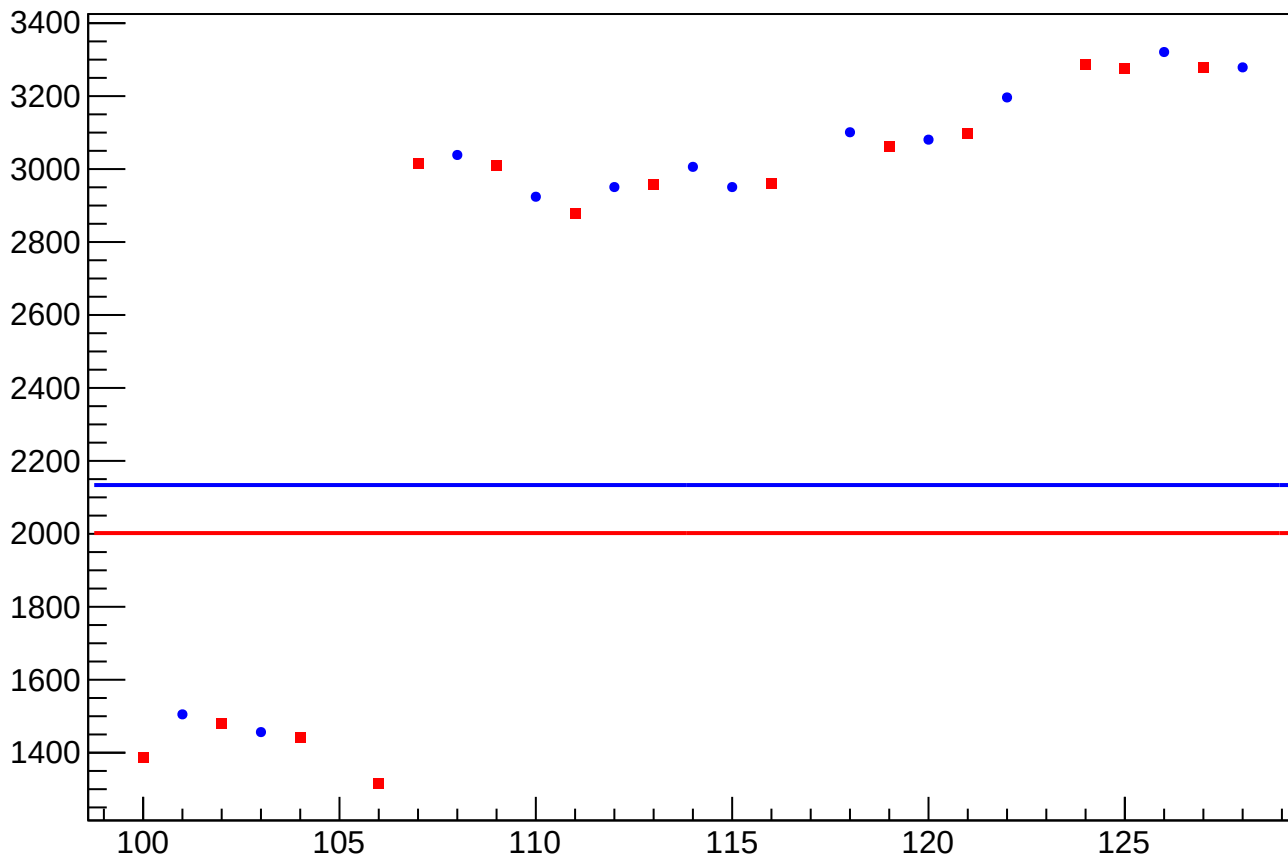
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.083 $\pm$ 0.680 χ^2 /NDF: 420.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0r03Y_rms vs Slug



Right In: 2133.764+/-0.719 χ^2/NDF : 1225459.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

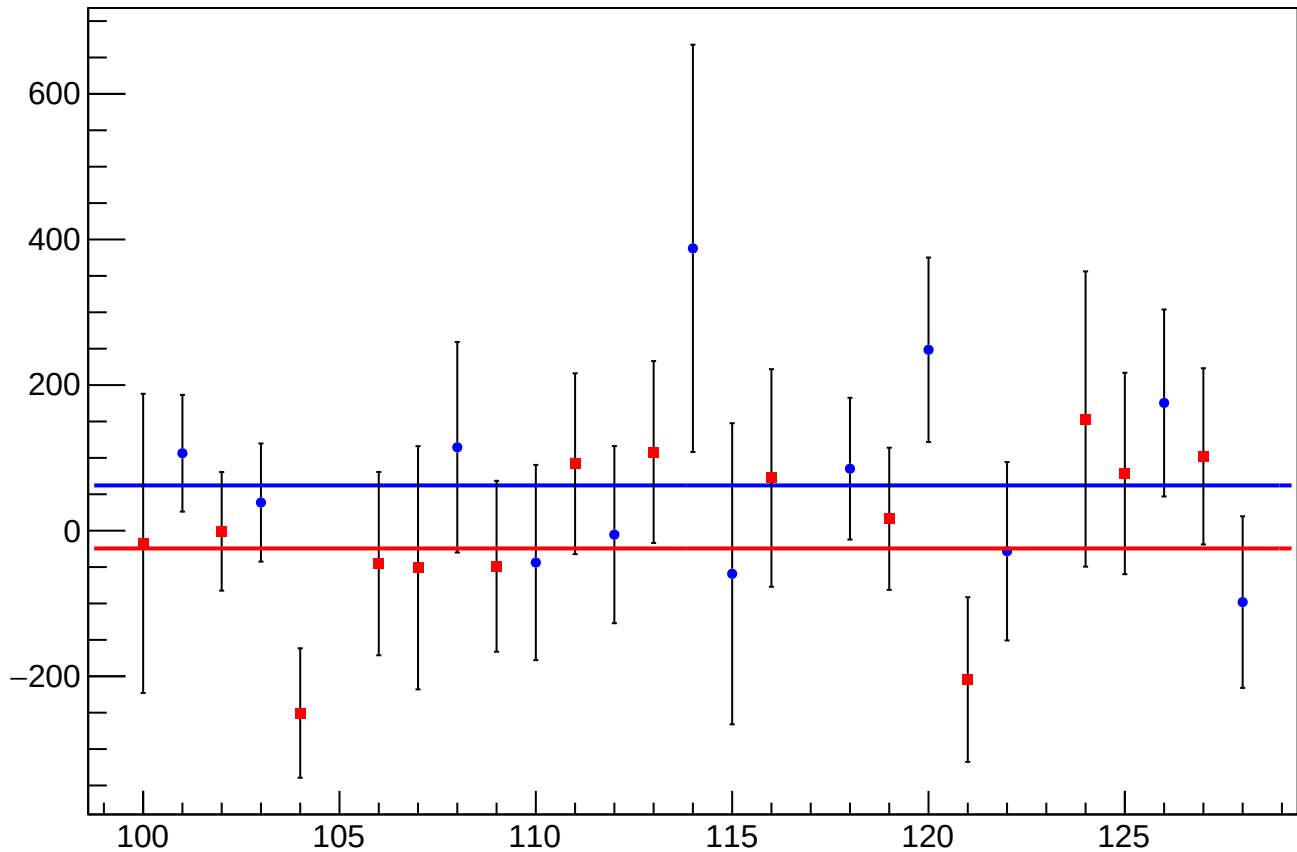
Right Out: 2002.094+/-0.647 χ^2/NDF : 1478783.2/13

All: 2061.003+/-0.481 χ^2/NDF : 2722769.3/25

- 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: 62.173+/-33.683 χ^2/NDF : 8.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.419+/-32.047 χ^2/NDF : 14.2/13

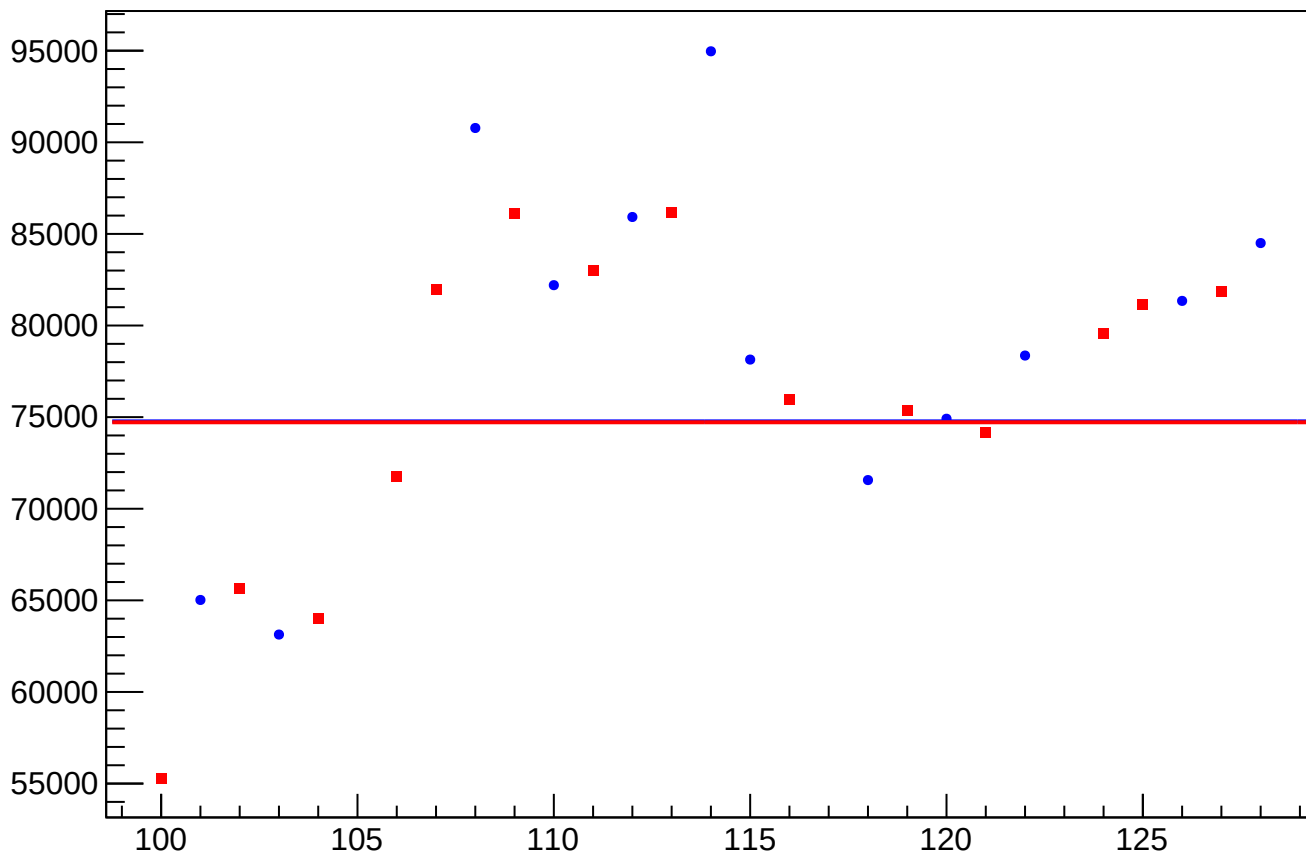
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.722+/-23.218 χ^2/NDF : 26.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0r05X_rms vs Slug



Right In: 74767.976+/-23.818 χ^2/NDF : 151850.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74719.949+/-22.661 χ^2/NDF : 133914.8/13

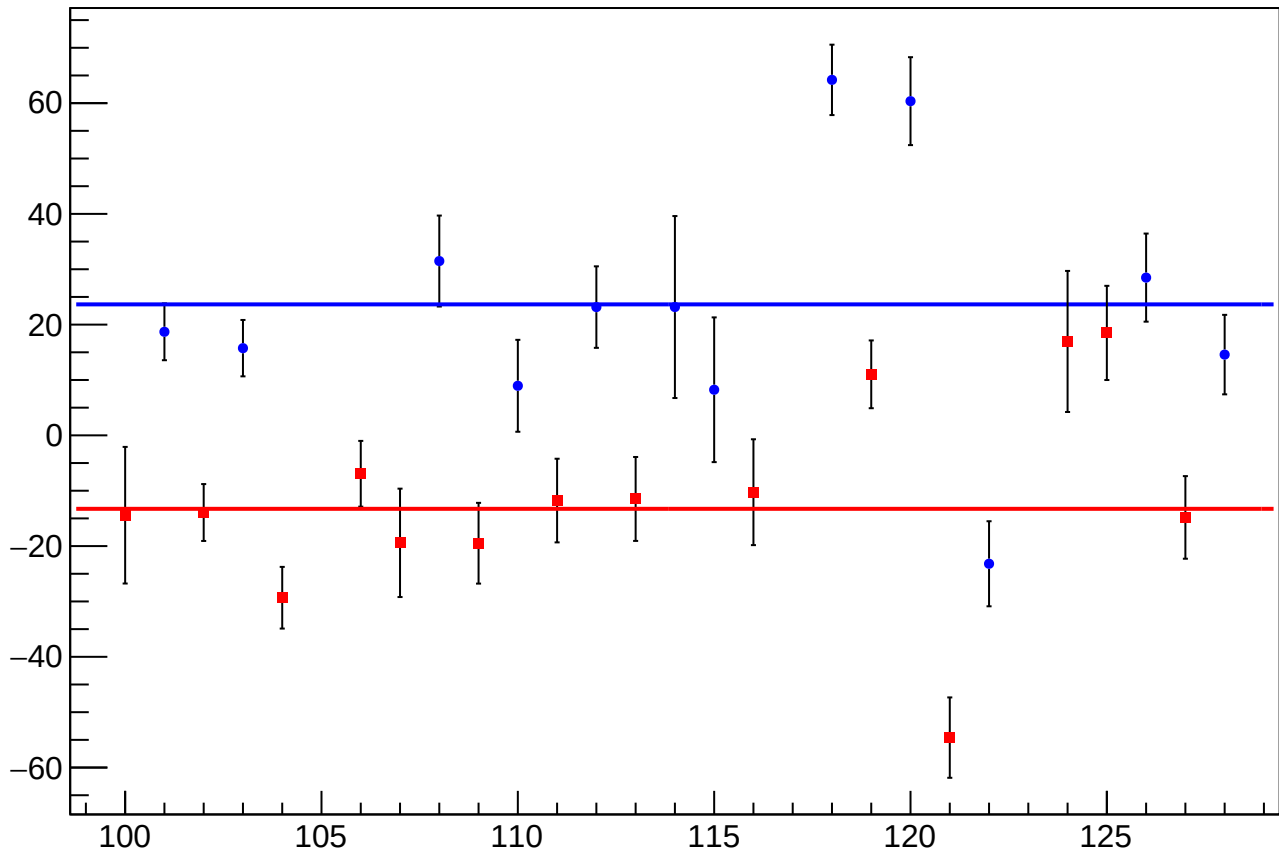
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74742.767+/-16.417 χ^2/NDF : 285767.1/28

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0r05Y_mean vs Slug



Right In: 23.656+/-2.100 χ^2 /NDF: 110.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -13.270+/-1.947 χ^2 /NDF: 78.6/13

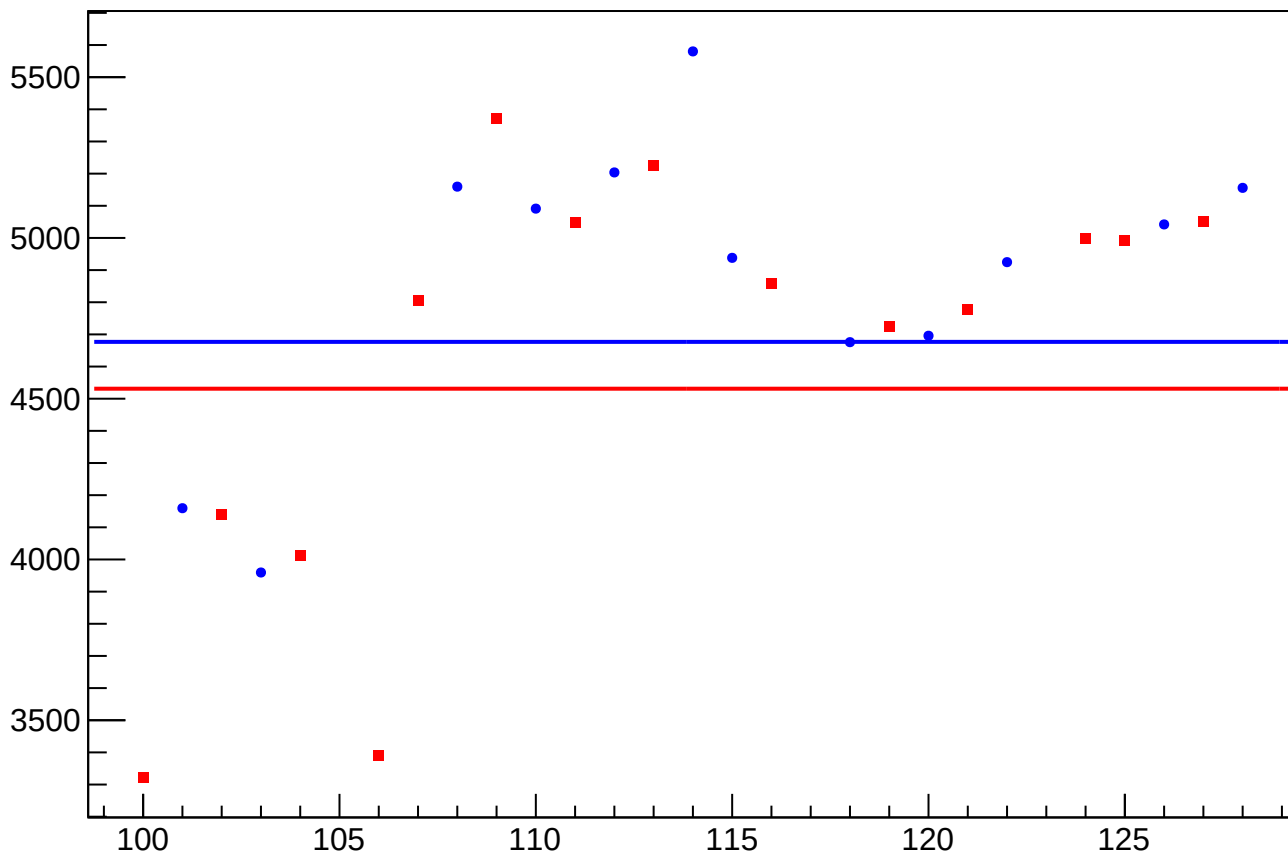
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 3.796+/-1.428 χ^2 /NDF: 354.8/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm0r05Y_rms vs Slug



Right In: 4676.761+/-1.485 χ^2/NDF : 104227.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

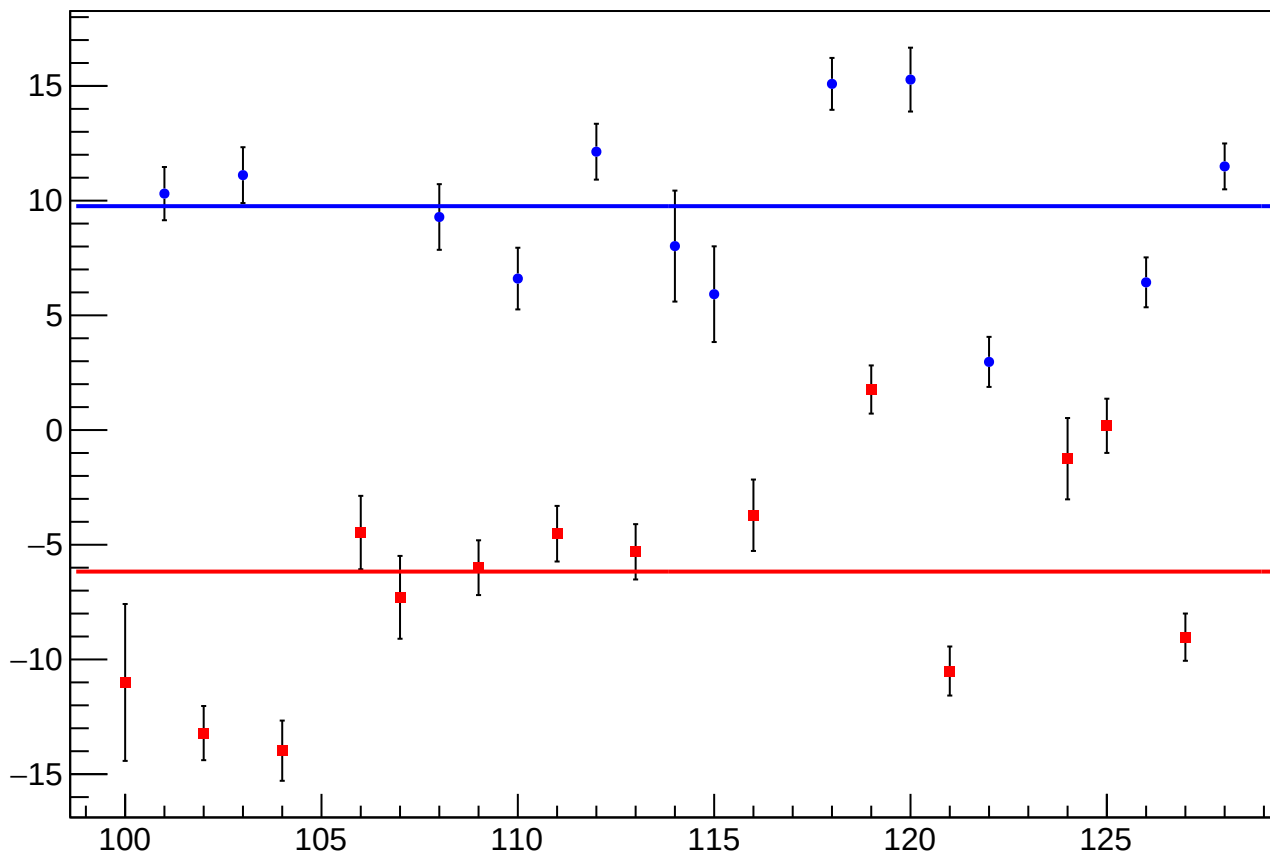
Right Out: 4531.121+/-1.377 χ^2/NDF : 201608.4/13

All: 4598.432+/-1.010 χ^2/NDF : 311007.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm2i01X_mean vs Slug



Right In: 9.759+/-0.365 χ^2/NDF : 103.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.170+/-0.347 χ^2/NDF : 197.2/13

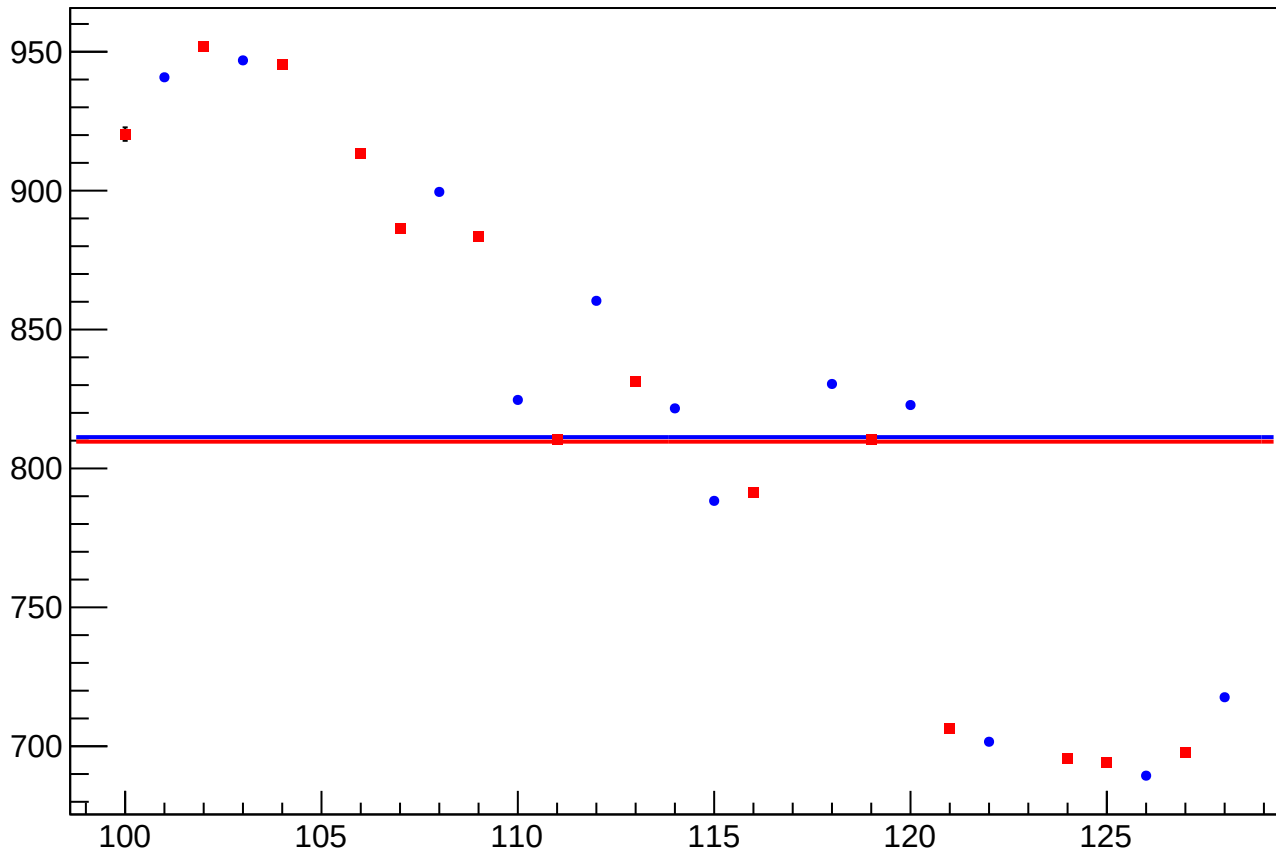
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.391+/-0.251 χ^2/NDF : 1303.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm2i01X_rms vs Slug



Right In: 811.275 $\pm$ 0.258 χ^2 /NDF: 124681.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 809.641 $\pm$ 0.245 χ^2 /NDF: 142664.1/13

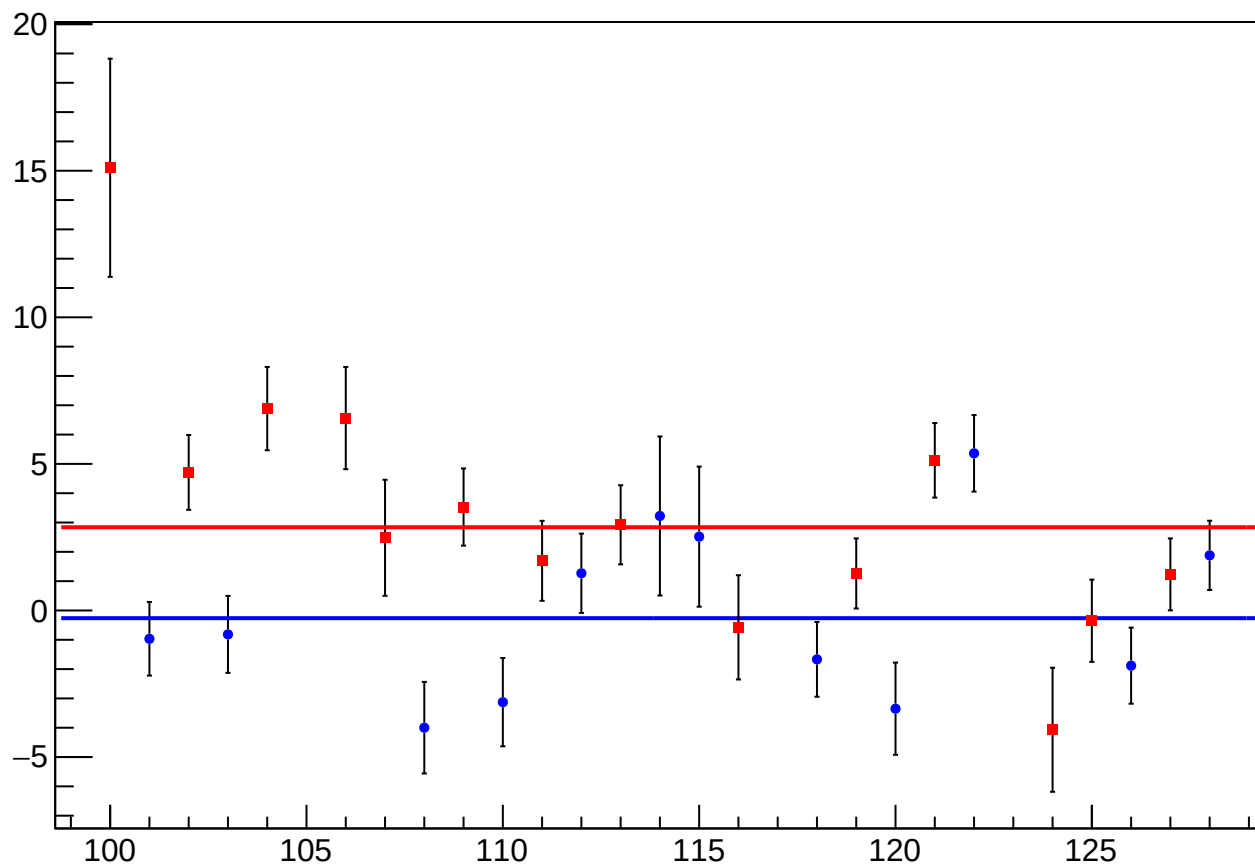
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 810.417 $\pm$ 0.178 χ^2 /NDF: 267366.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm2i01Y_mean vs Slug



Right In: -0.263 ± 0.414 $\chi^2/\text{NDF}: 42.6/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 2.839 ± 0.393 $\chi^2/\text{NDF}: 52.9/13$

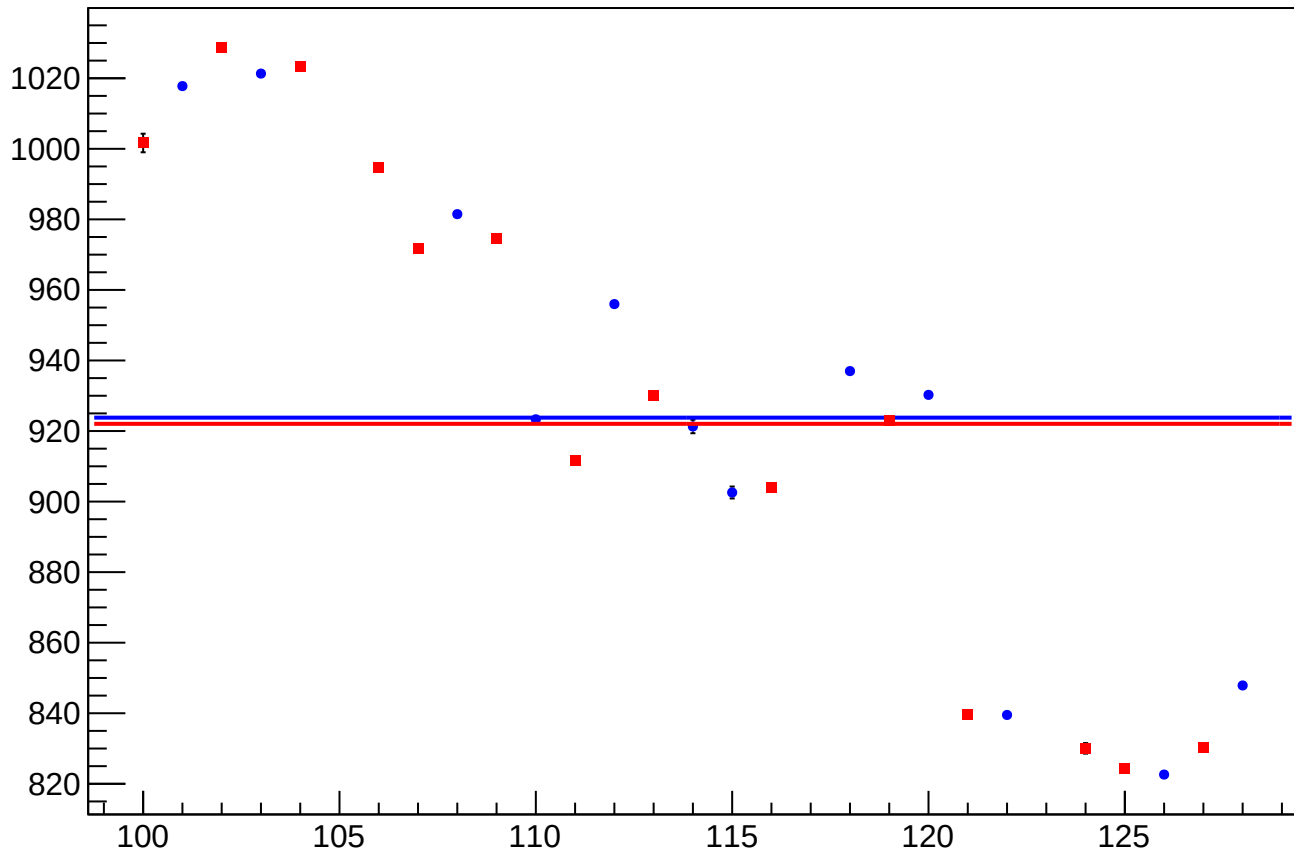
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1.366 ± 0.285 $\chi^2/\text{NDF}: 125.0/25$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm2i01Y_rms vs Slug



Right In: 923.797 $\pm$ 0.293 χ^2 /NDF: 55283.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 922.039 $\pm$ 0.278 χ^2 /NDF: 66434.8/13

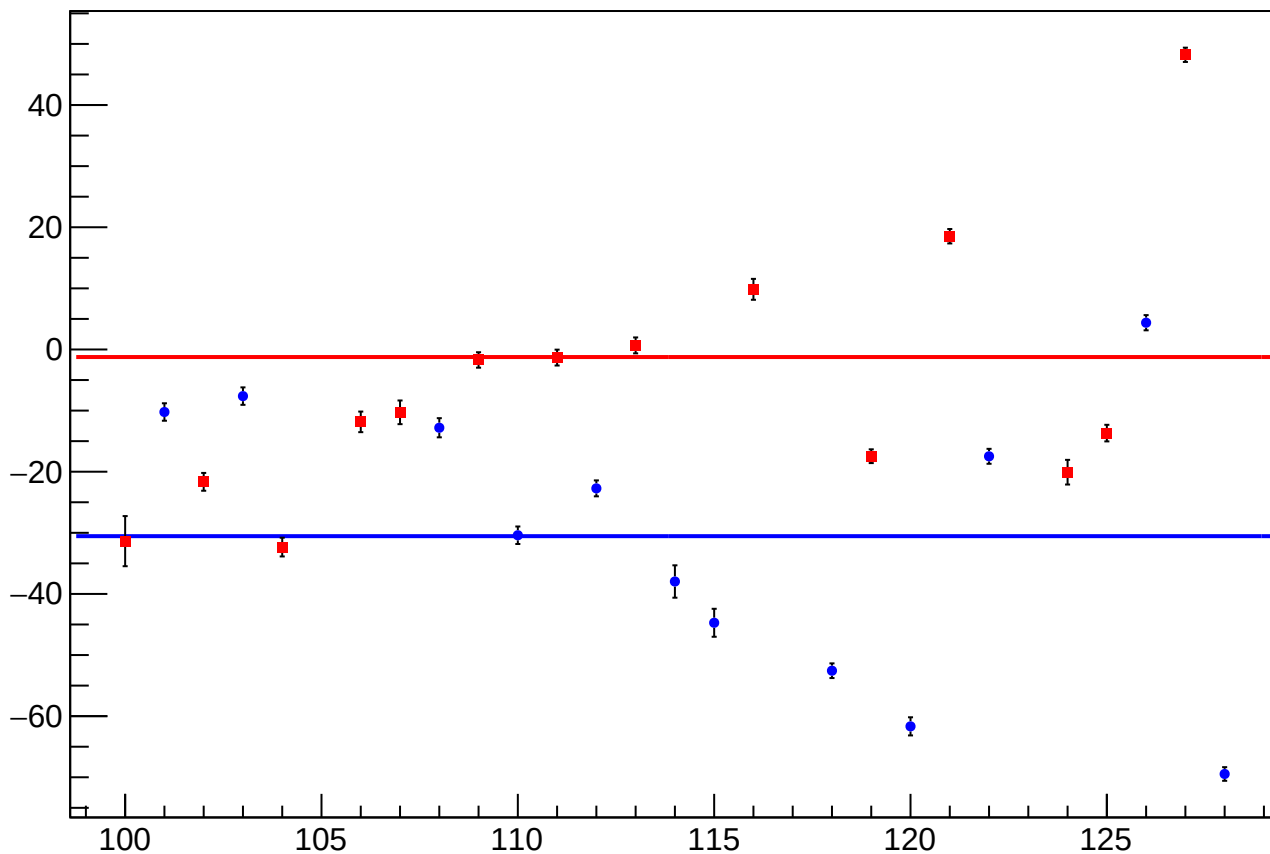
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 922.874 $\pm$ 0.202 χ^2 /NDF: 121736.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm2i02X_mean vs Slug



Right In: -30.57 $\pm$ 0.406 χ^2 /NDF: 3564.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.237 $\pm$ 0.385 χ^2 /NDF: 3214.8/13

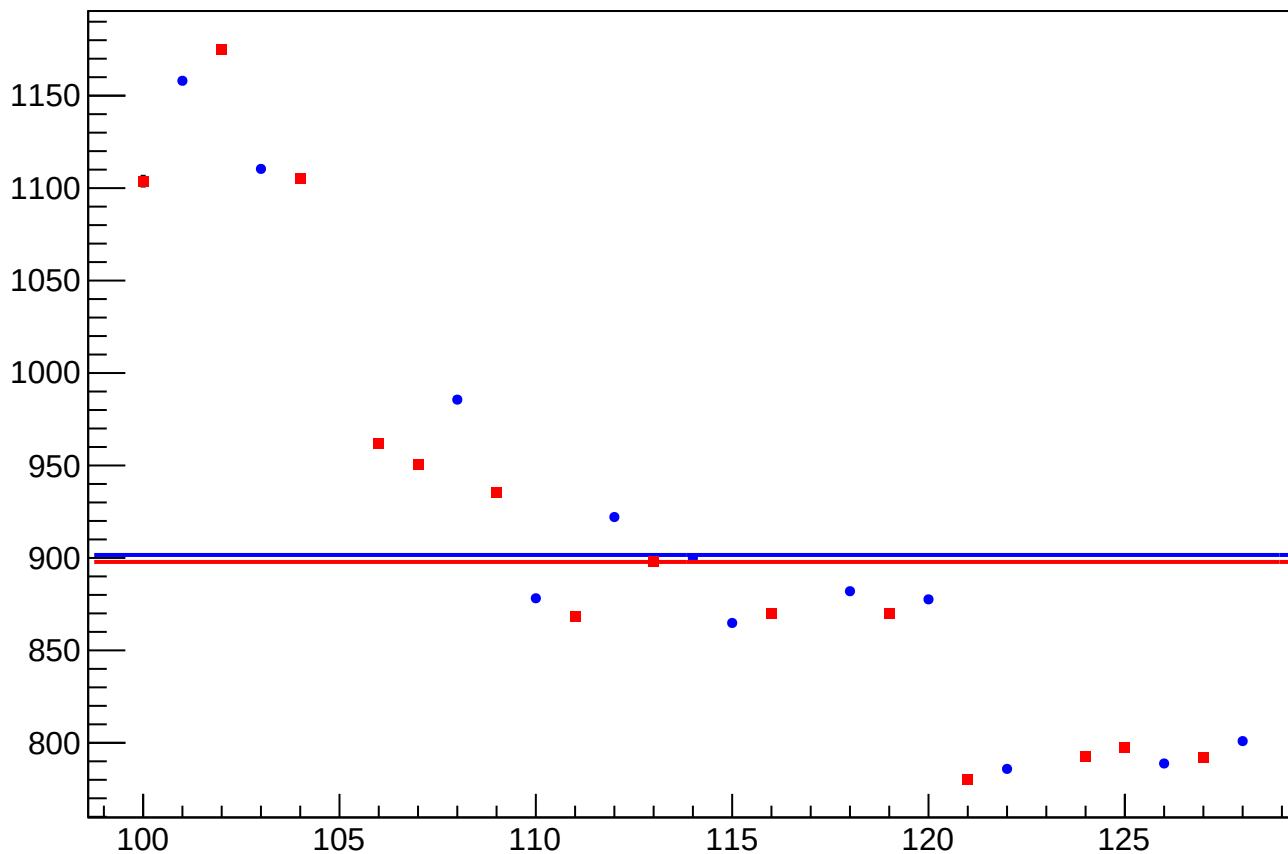
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -15.108 $\pm$ 0.279 χ^2 /NDF: 9522.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm2i02X_rms vs Slug



Right In: 901.607 $\pm$ 0.287 χ^2 /NDF: 166231.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 897.827 $\pm$ 0.272 χ^2 /NDF: 175325.2/13

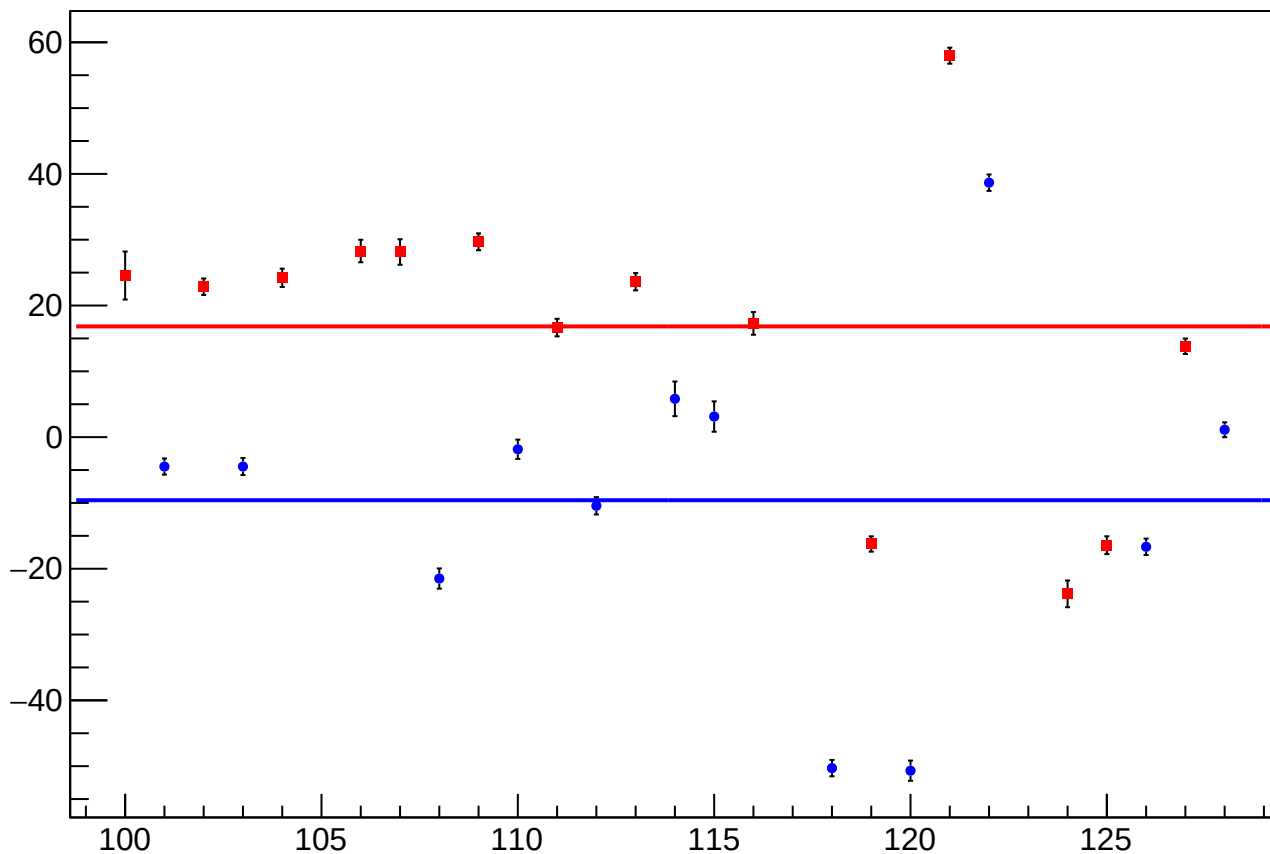
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 899.616 $\pm$ 0.198 χ^2 /NDF: 341648.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm2i02Y_mean vs Slug



Right In: -9.588+/-0.402 χ^2/NDF : 3581.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.826+/-0.382 χ^2/NDF : 3224.5/13

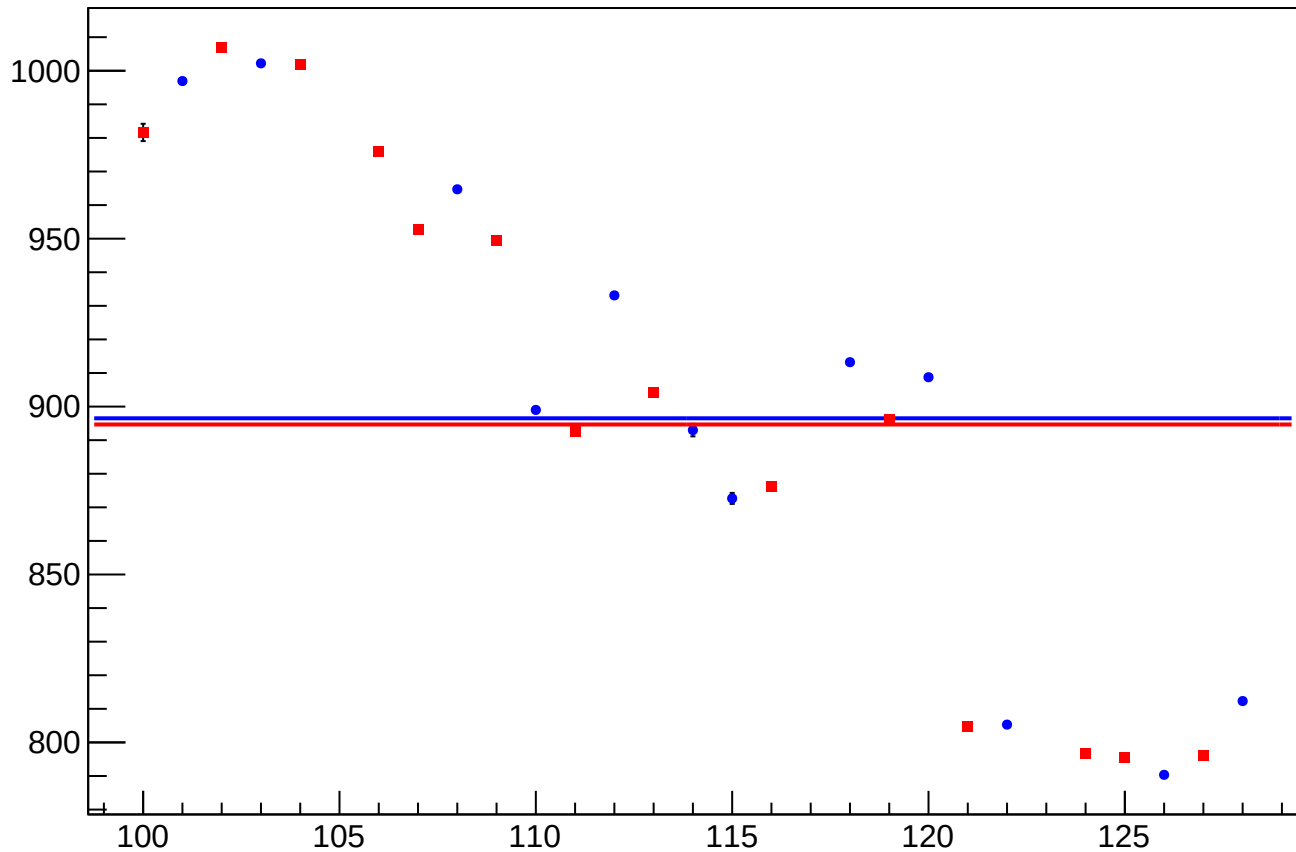
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.289+/-0.277 χ^2/NDF : 9075.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm2i02Y_rms vs Slug



Right In: 896.513 $\pm$ 0.284 χ^2 /NDF: 69213.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 894.671 $\pm$ 0.270 χ^2 /NDF: 79790.8/13

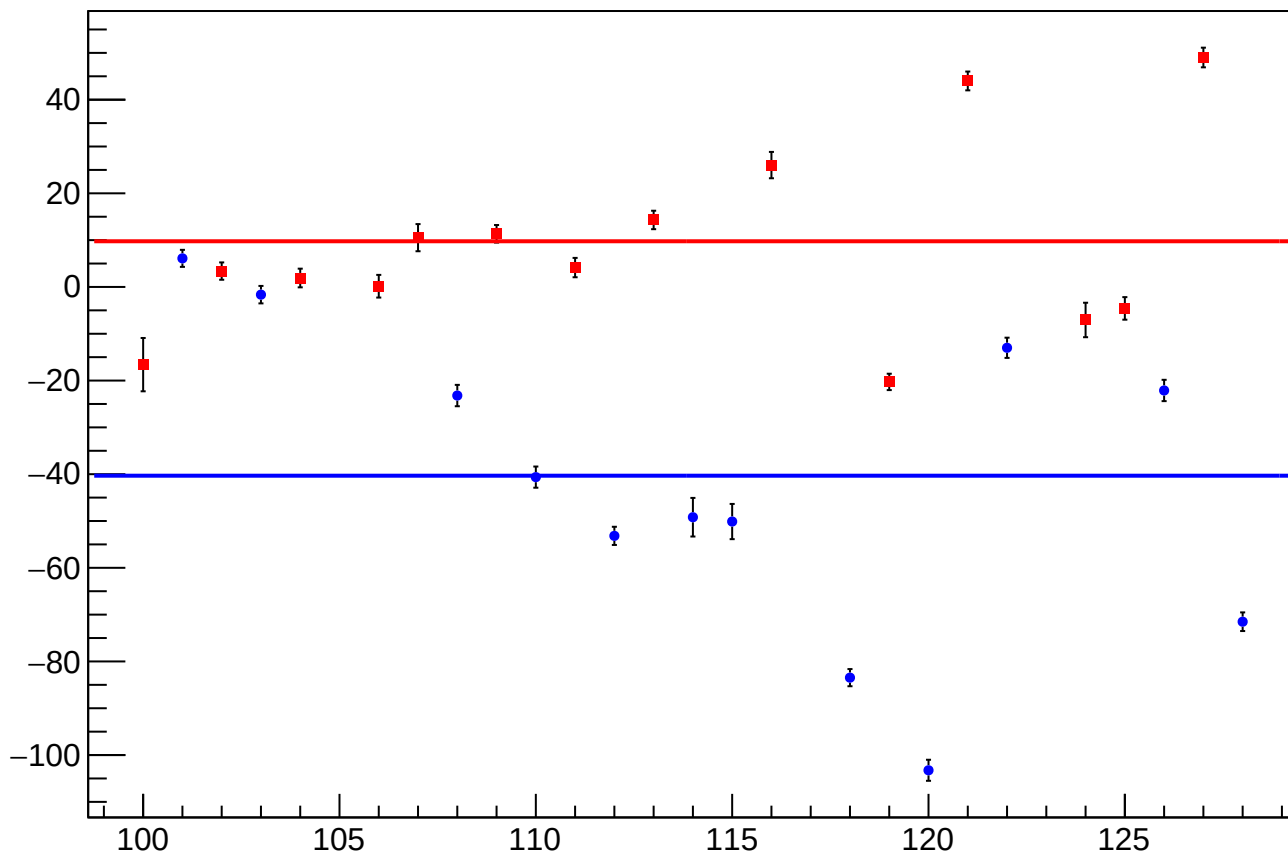
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 895.545 $\pm$ 0.196 χ^2 /NDF: 149026.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i02X_mean vs Slug



Right In: -40.322 ± 0.629 χ^2/NDF : 2999.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 9.759 ± 0.596 χ^2/NDF : 1103.4/13

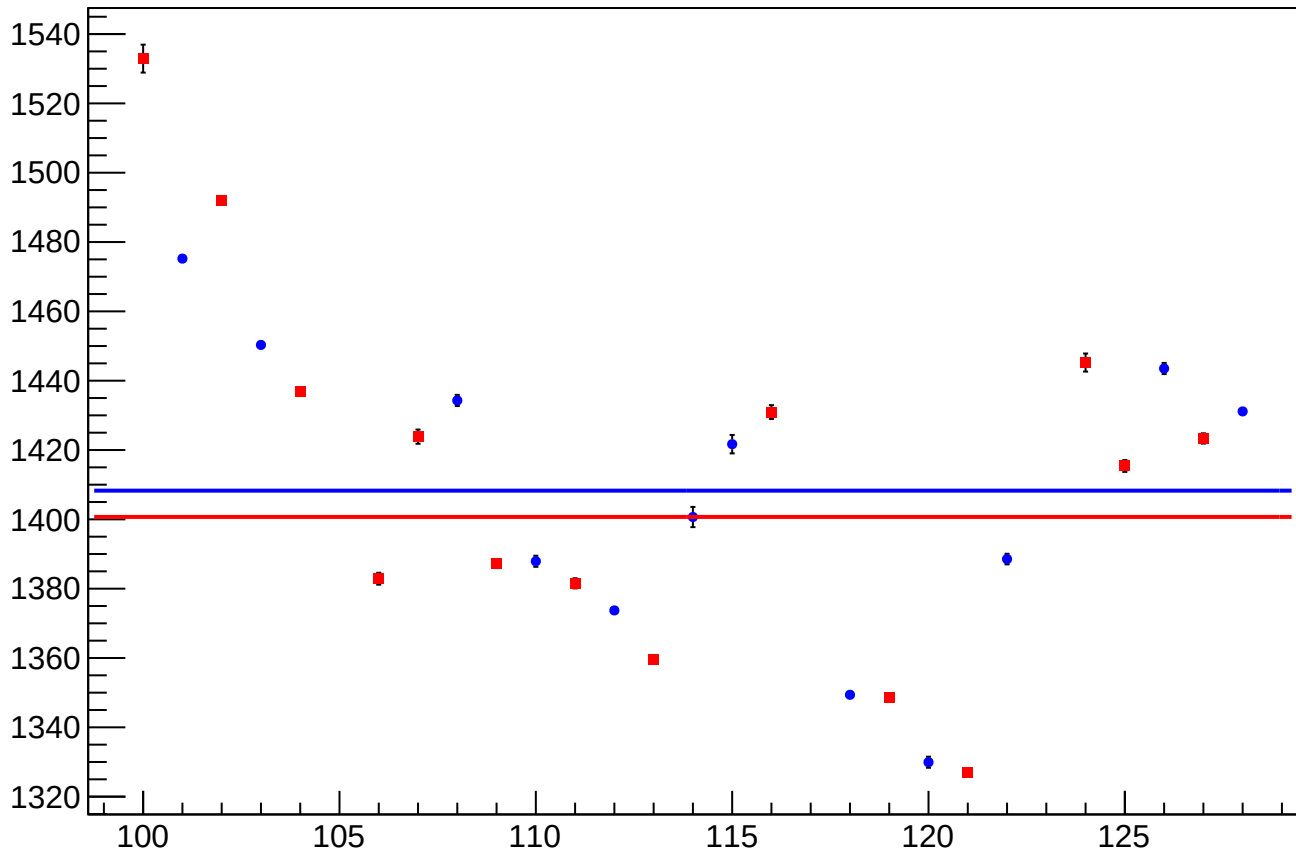
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.935 ± 0.433 χ^2/NDF : 7441.5/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0i02X_rms vs Slug



Right In: 1408.279+/-0.445 χ^2/NDF : 10212.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1400.700+/-0.422 χ^2/NDF : 13289.9/13

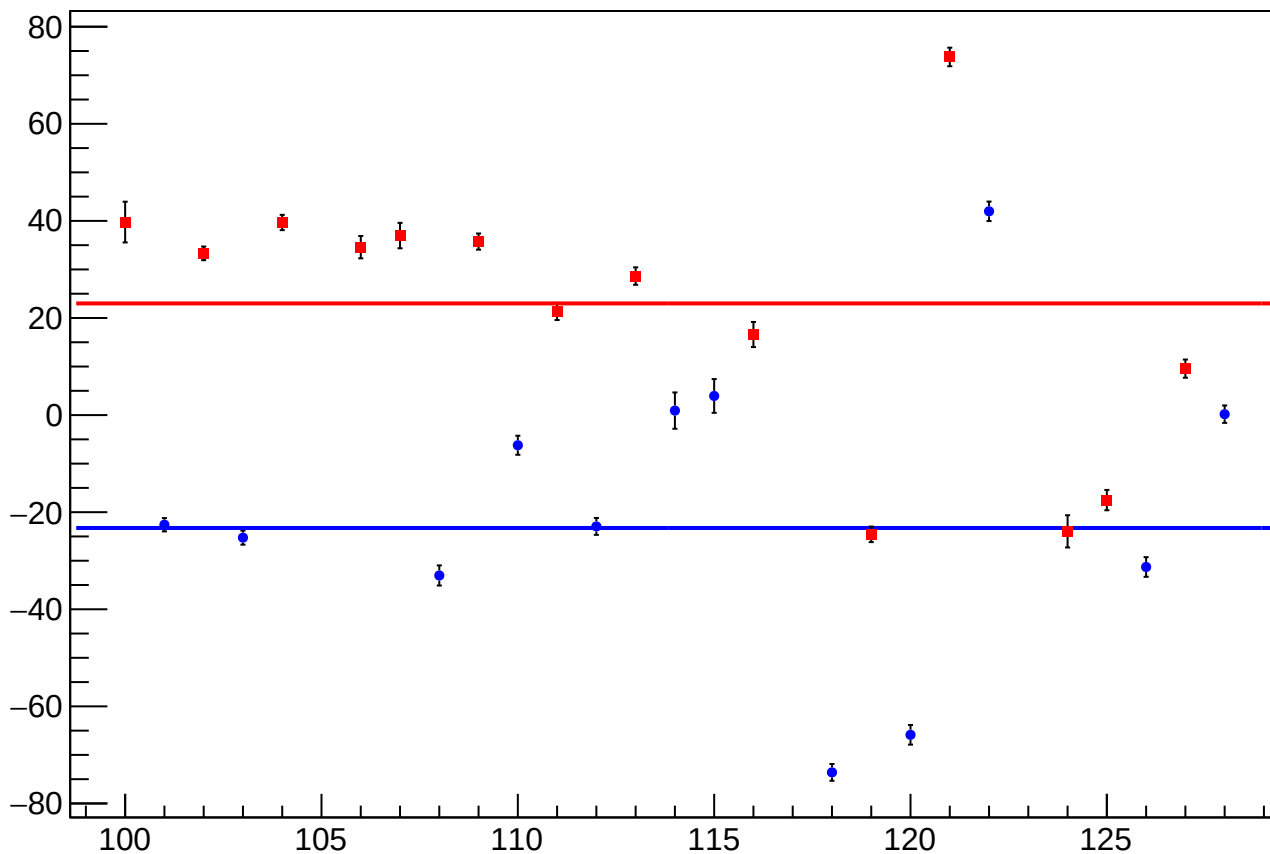
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1404.286+/-0.306 χ^2/NDF : 23655.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i02Y_mean vs Slug



Right In: -23.252 ± 0.545 χ^2/NDF : 2737.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 23.001 ± 0.519 χ^2/NDF : 2525.6/13

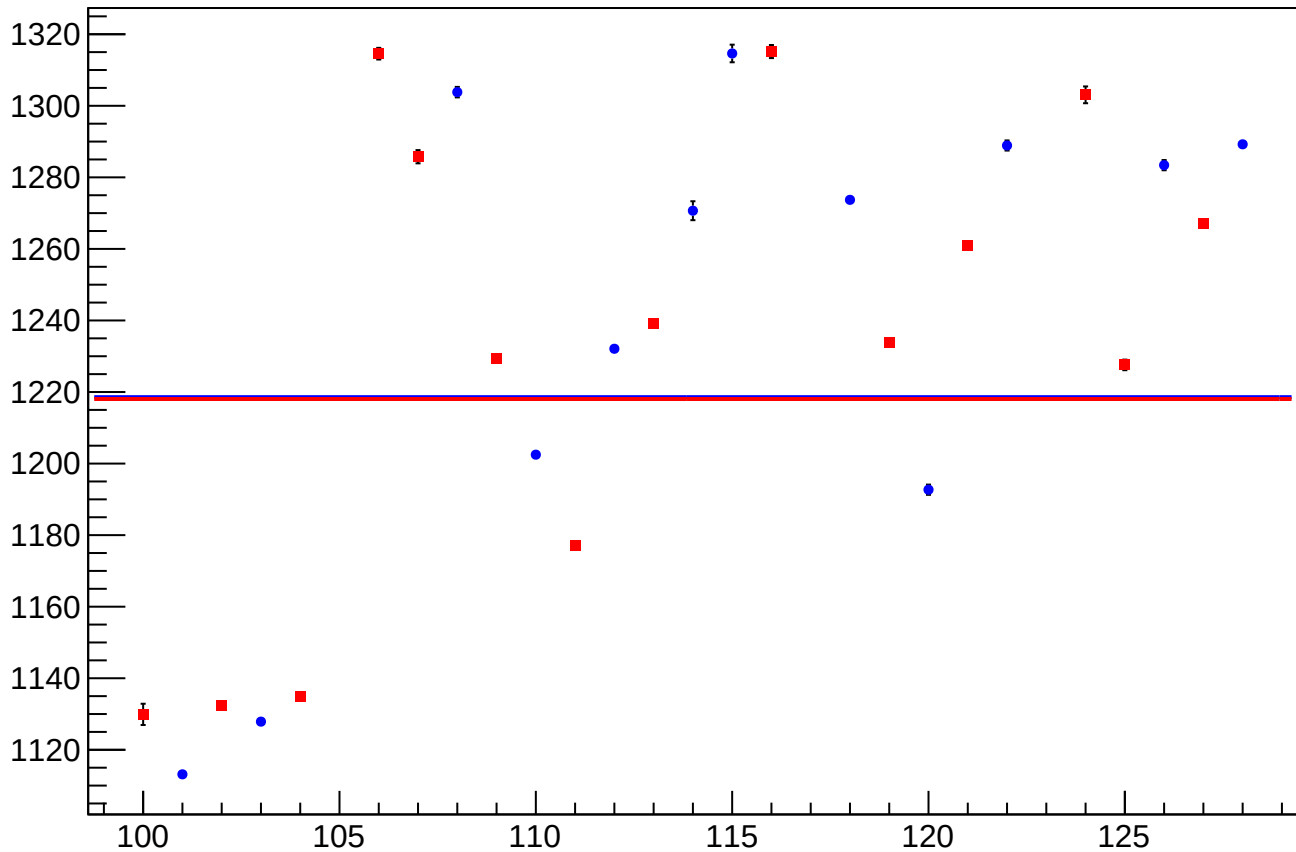
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.012 ± 0.376 χ^2/NDF : 9038.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0i02Y_rms vs Slug



Right In: 1218.560 $\pm$ 0.386 χ^2 /NDF: 35139.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1218.049 $\pm$ 0.367 χ^2 /NDF: 26975.0/13

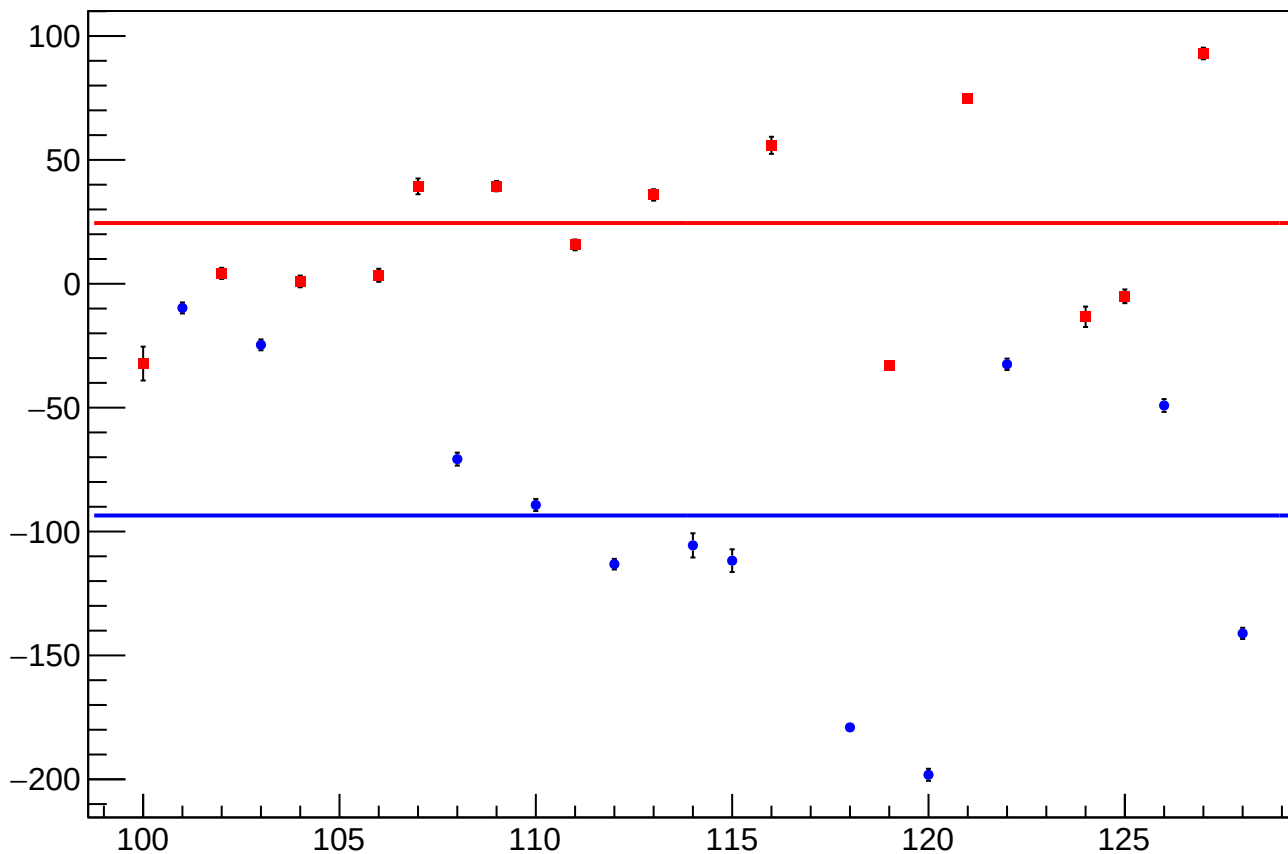
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1218.292 $\pm$ 0.266 χ^2 /NDF: 62114.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i02aX_mean vs Slug



Right In: -93.533+/-0.711 χ^2/NDF : 7649.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.510+/-0.668 χ^2/NDF : 3044.2/13

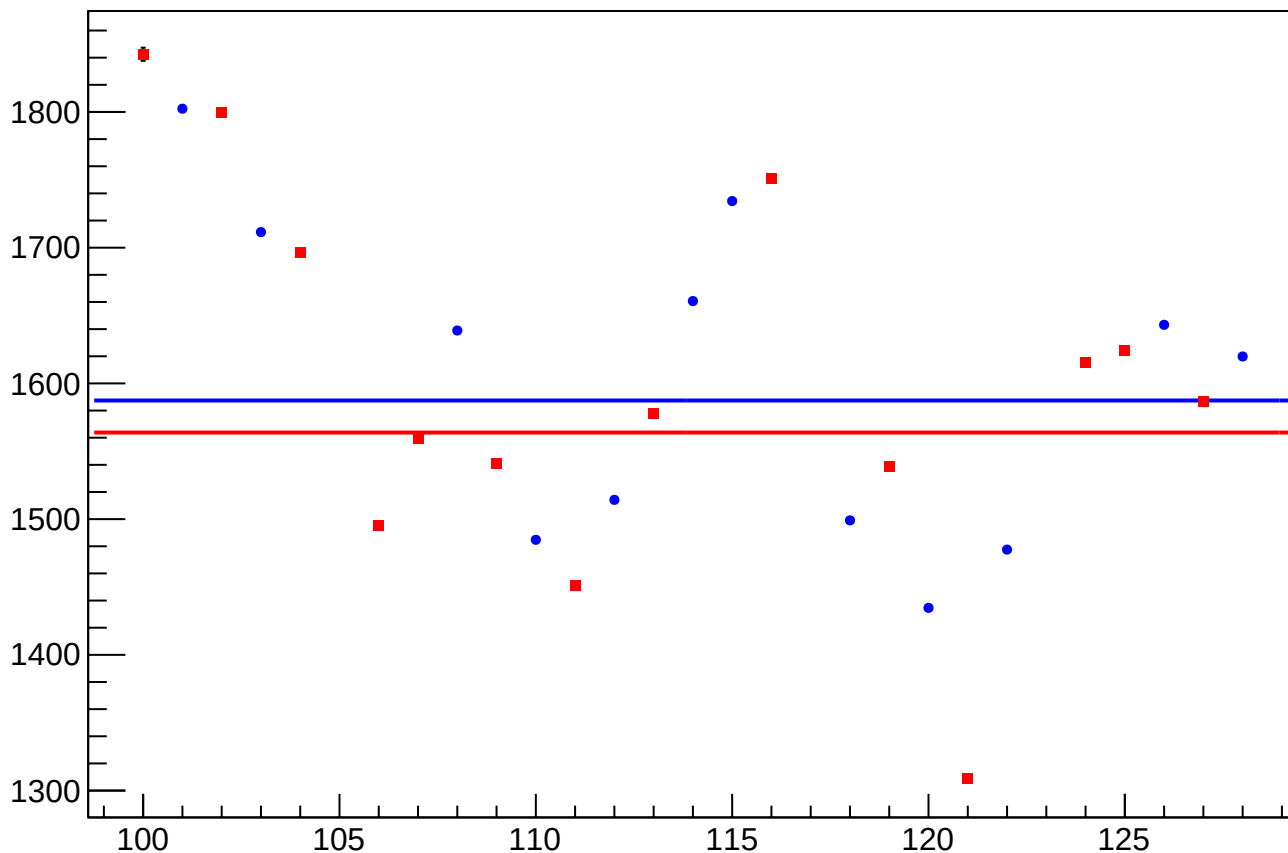
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.817+/-0.487 χ^2/NDF : 25342.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i02aX_rms vs Slug



Right In: 1587.411 ± 0.503 $\chi^2/\text{NDF}: 51871.5/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1563.811 ± 0.472 $\chi^2/\text{NDF}: 79924.5/13$

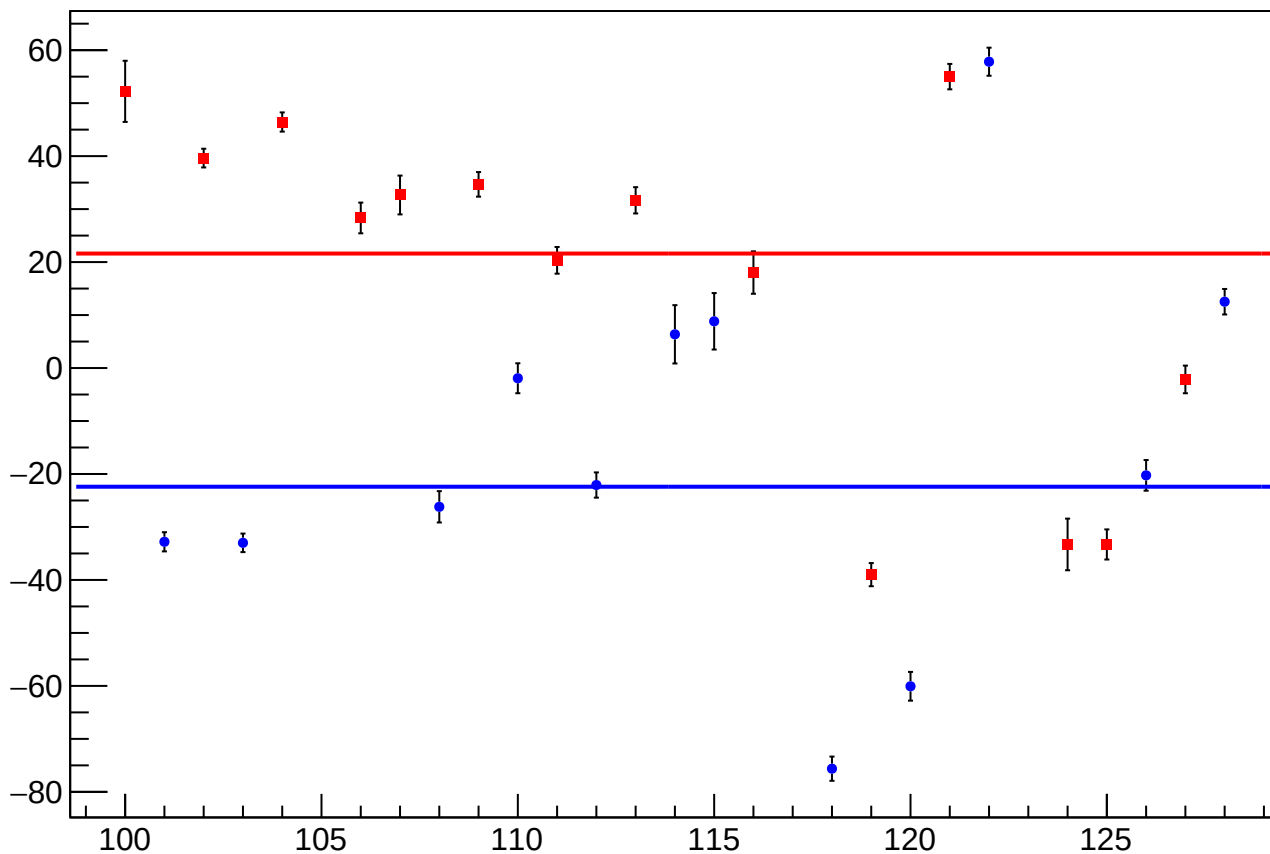
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1574.873 ± 0.344 $\chi^2/\text{NDF}: 132966.9/25$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm0i02aY_mean vs Slug



Right In: -22.402 ± 0.730 χ^2/NDF : 2047.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 21.611 ± 0.688 χ^2/NDF : 1930.1/13

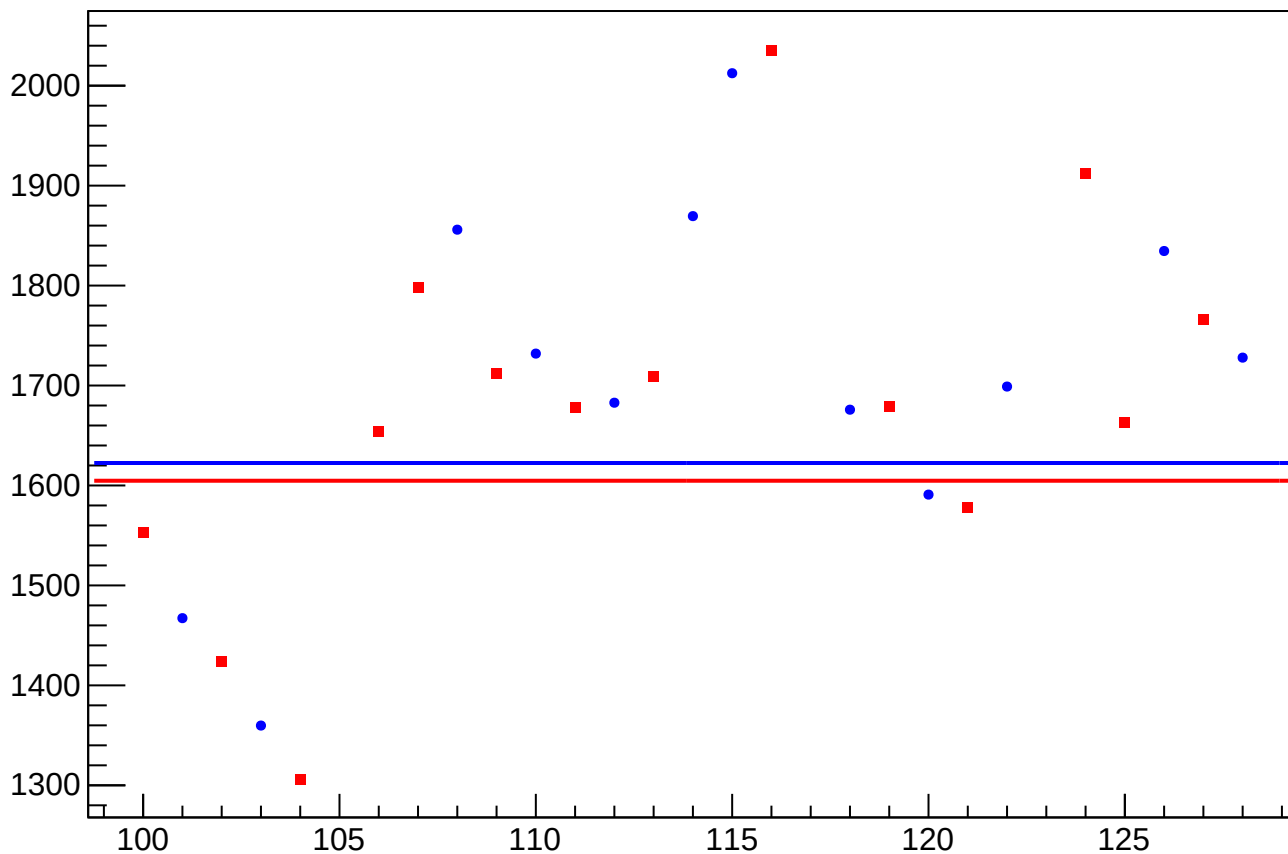
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.896 ± 0.501 χ^2/NDF : 5903.2/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0i02aY_rms vs Slug



Right In: 1622.488 $\pm$ 0.516 χ^2 /NDF: 108931.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

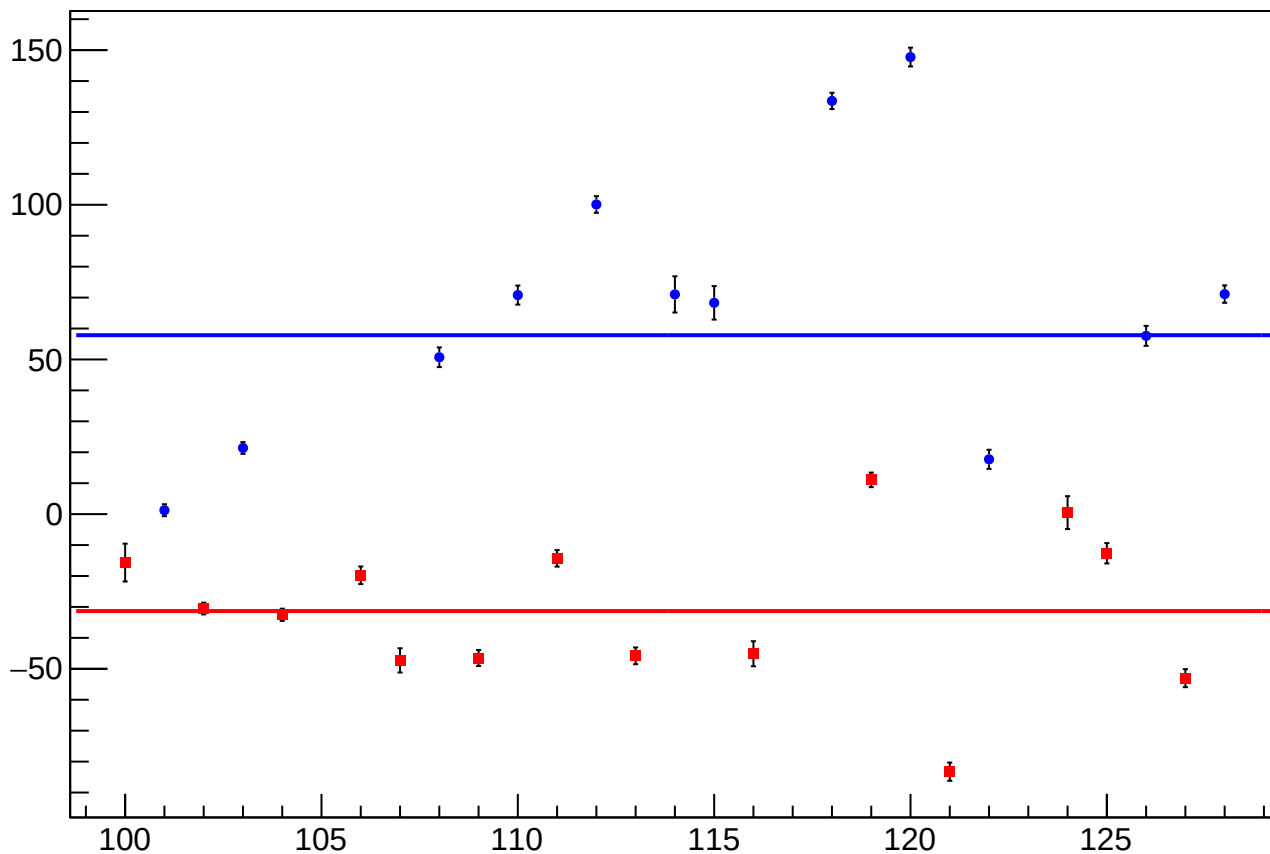
Right Out: 1604.732 $\pm$ 0.487 χ^2 /NDF: 133149.9/13

All: 1613.089 $\pm$ 0.354 χ^2 /NDF: 242707.9/25

- sign 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: 57.842+/-0.808 χ^2/NDF : 3406.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.329+/-0.751 χ^2/NDF : 913.3/13

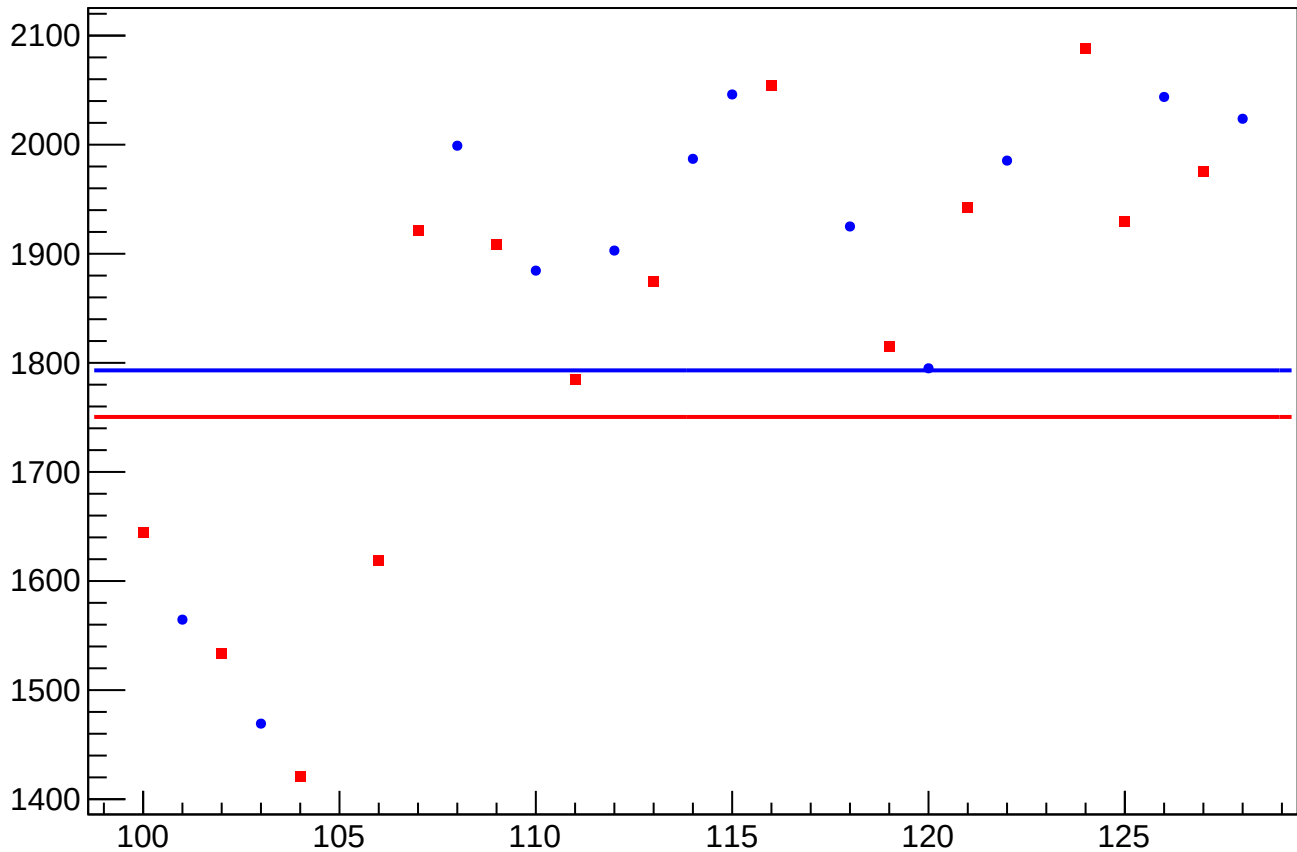
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.001+/-0.550 χ^2/NDF : 10862.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i05X_rms vs Slug



Right In: 1793.105+/-0.571 χ^2 /NDF: 145049.7/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

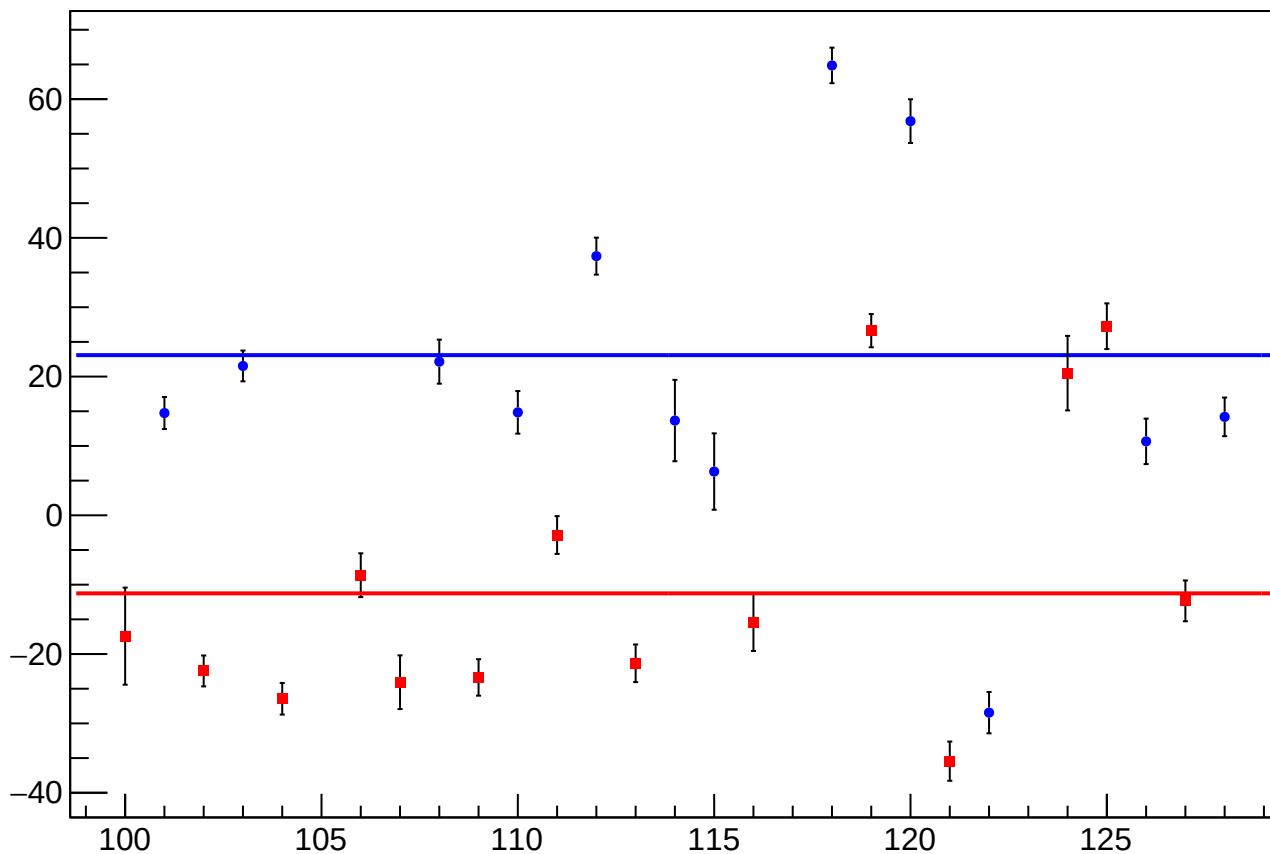
Right Out: 1750.407+/-0.531 χ^2 /NDF: 149645.5/13

All: 1770.197+/-0.389 χ^2 /NDF: 297695.0/25

- 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: 23.091+/-0.850 χ^2/NDF : 764.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.253+/-0.792 χ^2/NDF : 623.1/13

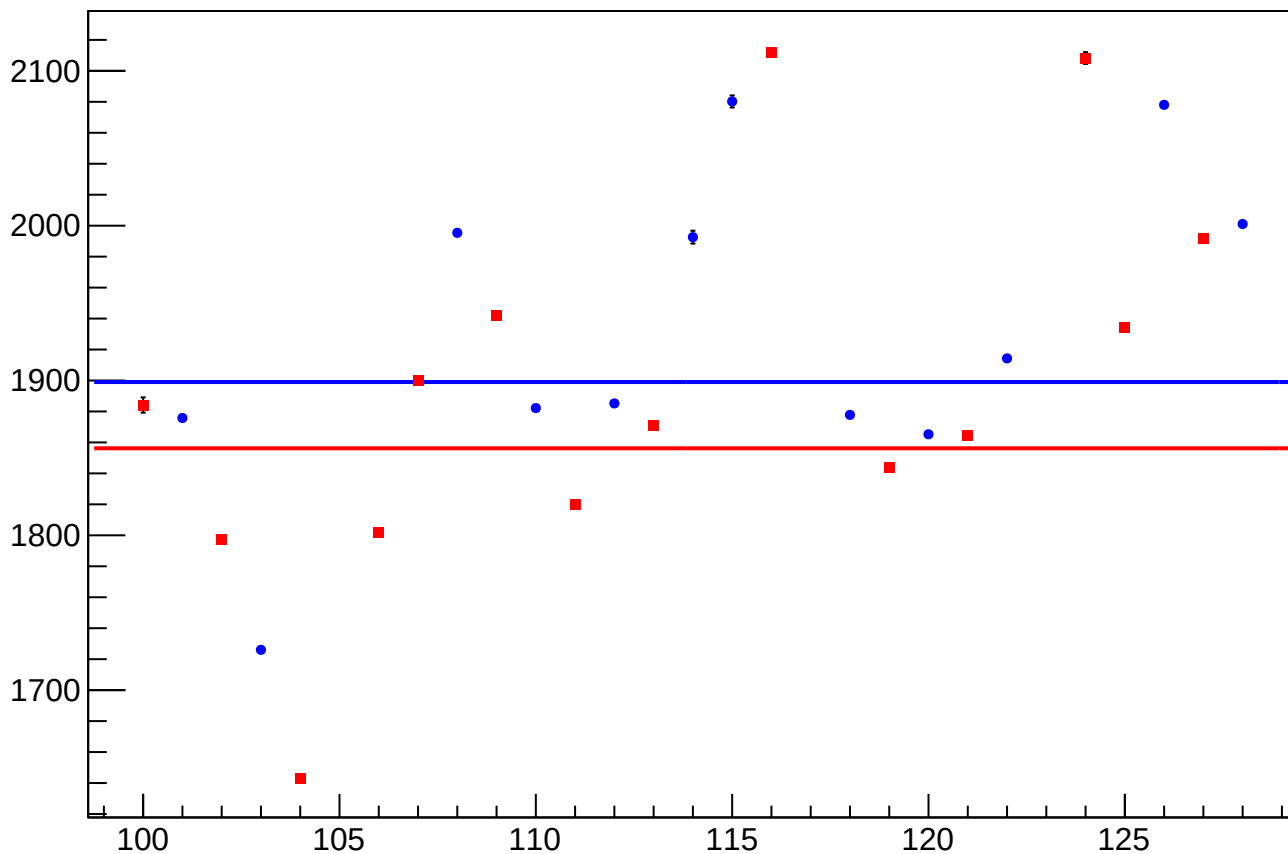
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.701+/-0.579 χ^2/NDF : 2262.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i05Y_rms vs Slug



Right In: 1899.012 $\pm$ 0.601 χ^2 /NDF: 26039.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1856.212 $\pm$ 0.560 χ^2 /NDF: 39713.9/13

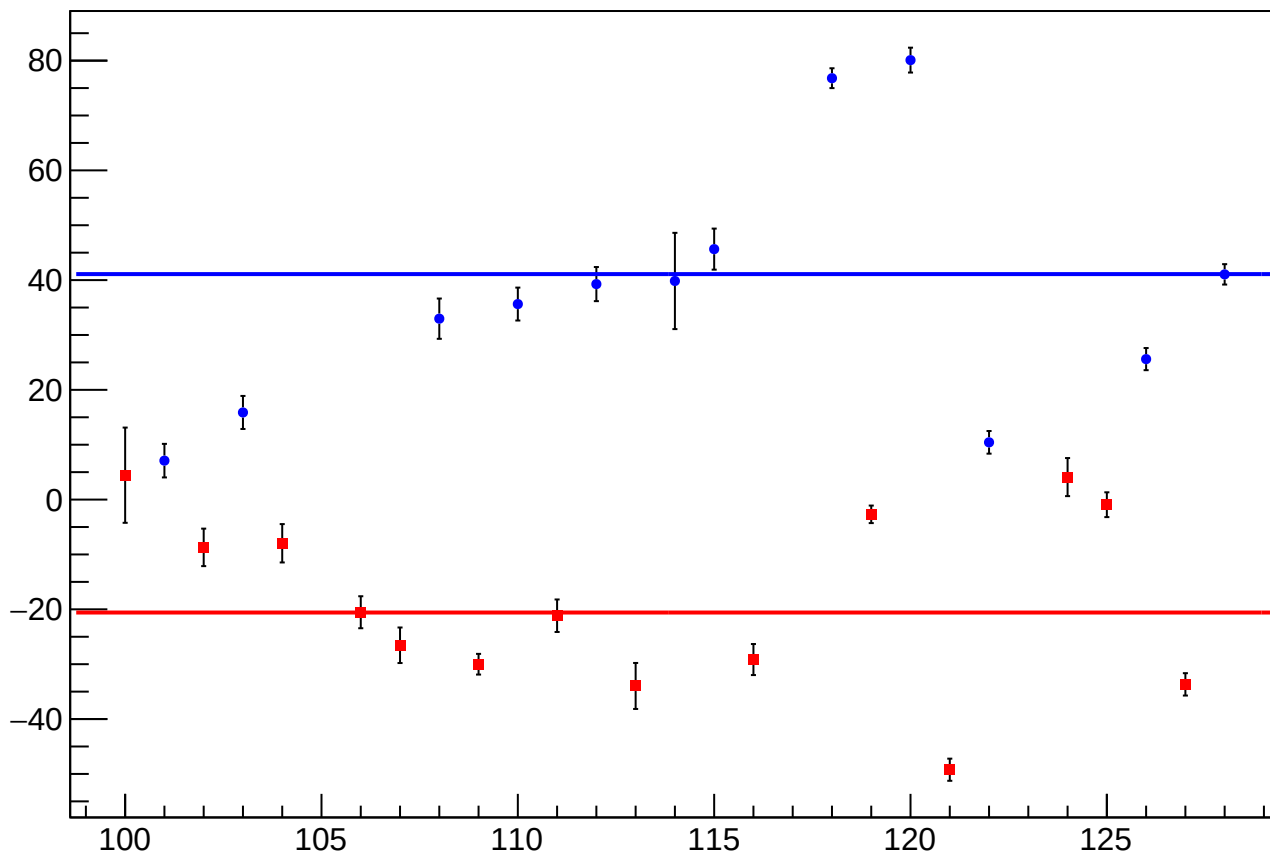
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1876.094 $\pm$ 0.410 χ^2 /NDF: 68469.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i07X_mean vs Slug



Right In: 41.094 $\pm$ 0.733 χ^2 /NDF: 1169.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -20.584 $\pm$ 0.686 χ^2 /NDF: 575.9/13

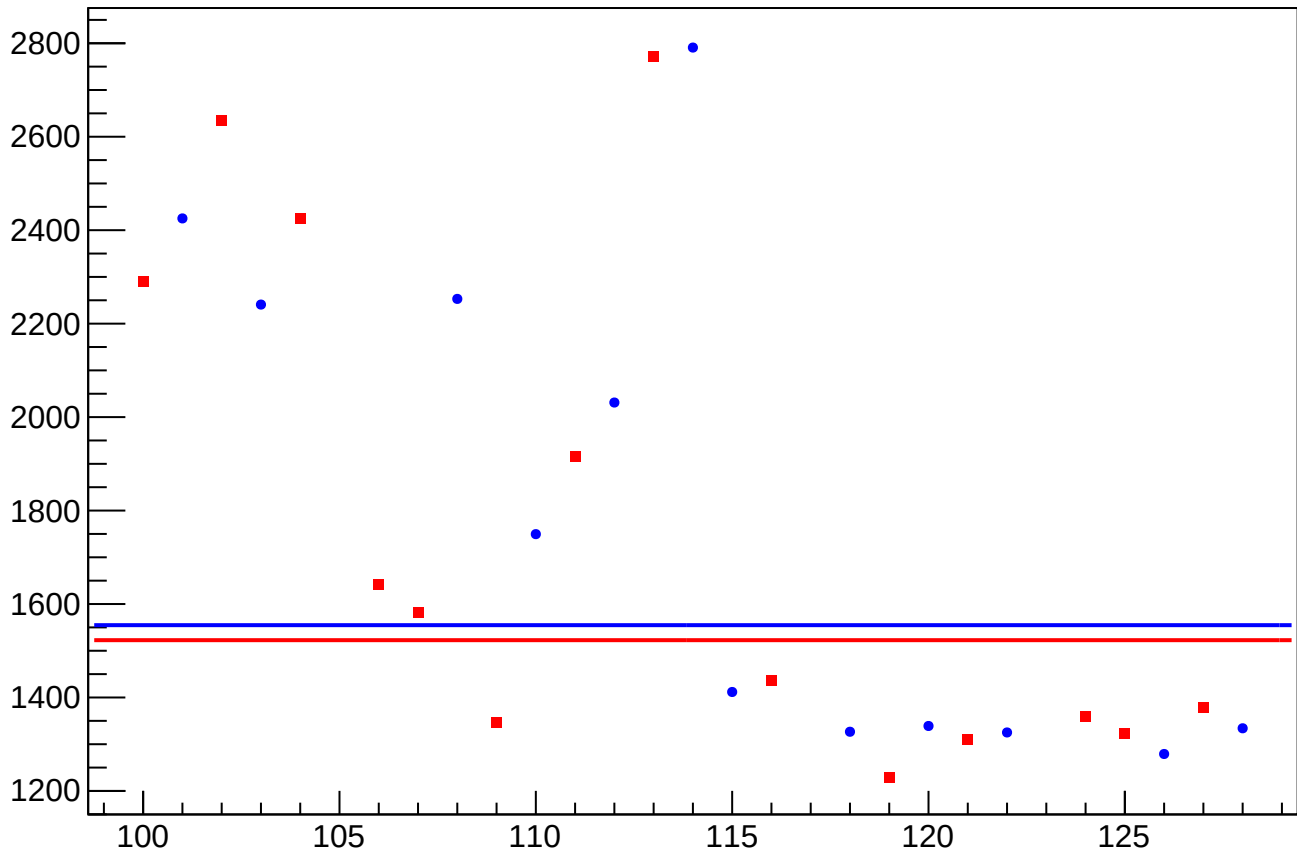
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.191 $\pm$ 0.501 χ^2 /NDF: 5522.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i07X_rms vs Slug



Right In: 1554.772 $\pm$ 0.518 χ^2 /NDF: 576397.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

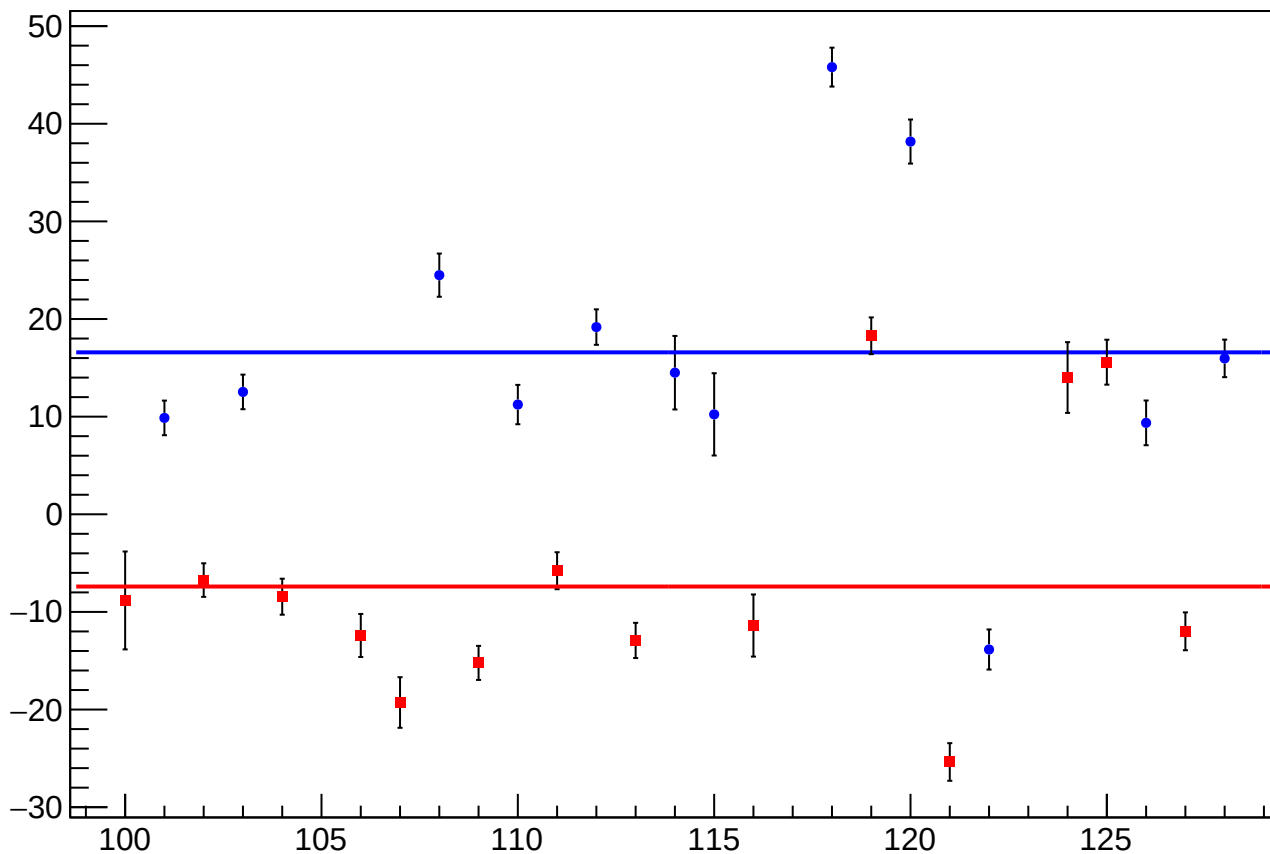
Right Out: 1522.653 $\pm$ 0.485 χ^2 /NDF: 716889.0/13

All: 1537.637 $\pm$ 0.354 χ^2 /NDF: 1295334.5/25

- sign 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_bpm0i07Y_mean vs Slug



Right In: 16.586+/-0.613 χ^2/NDF : 579.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.400+/-0.566 χ^2/NDF : 471.4/13

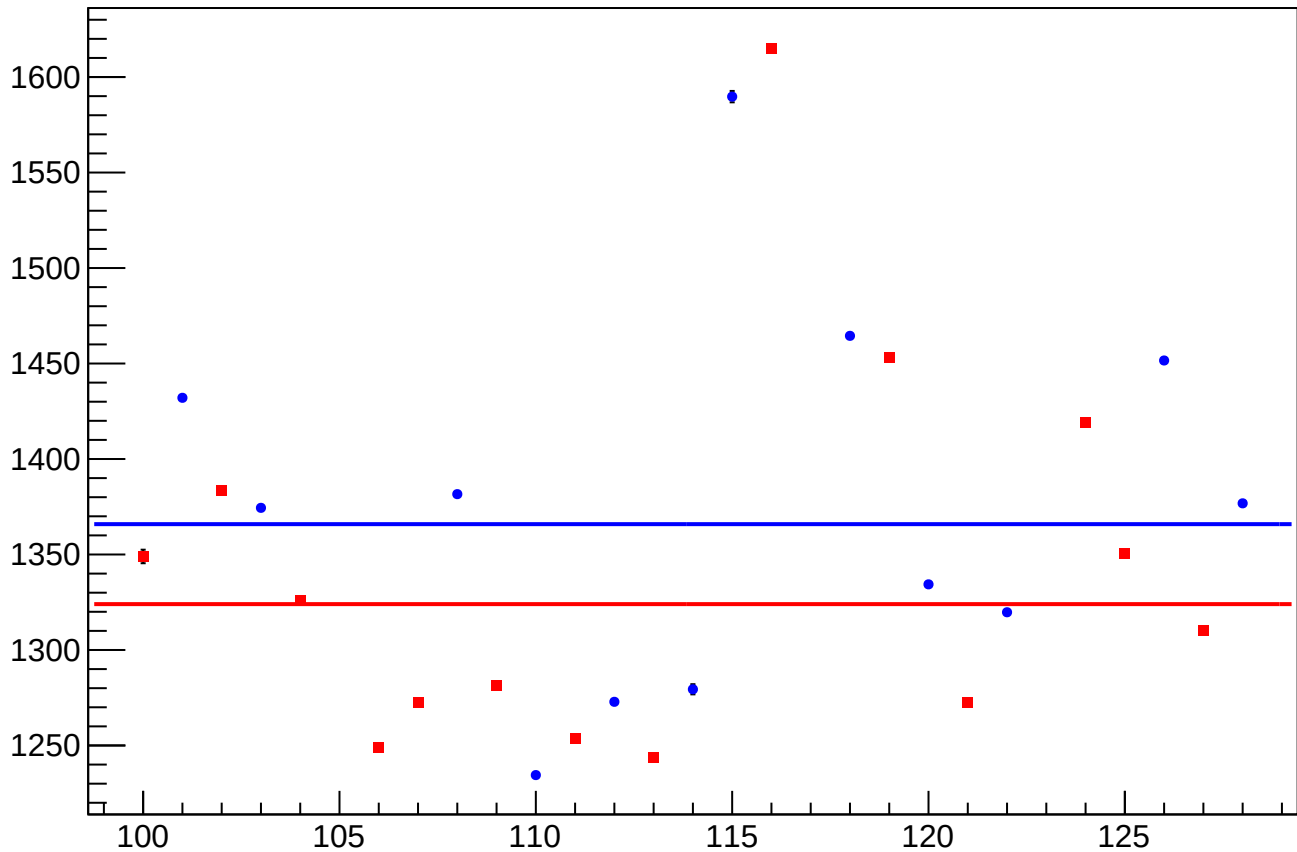
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.639+/-0.416 χ^2/NDF : 1878.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i07Y_rms vs Slug



Right In: 1365.890 $\pm$ 0.433 χ^2 /NDF: 32524.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1324.017 $\pm$ 0.400 χ^2 /NDF: 42752.7/13

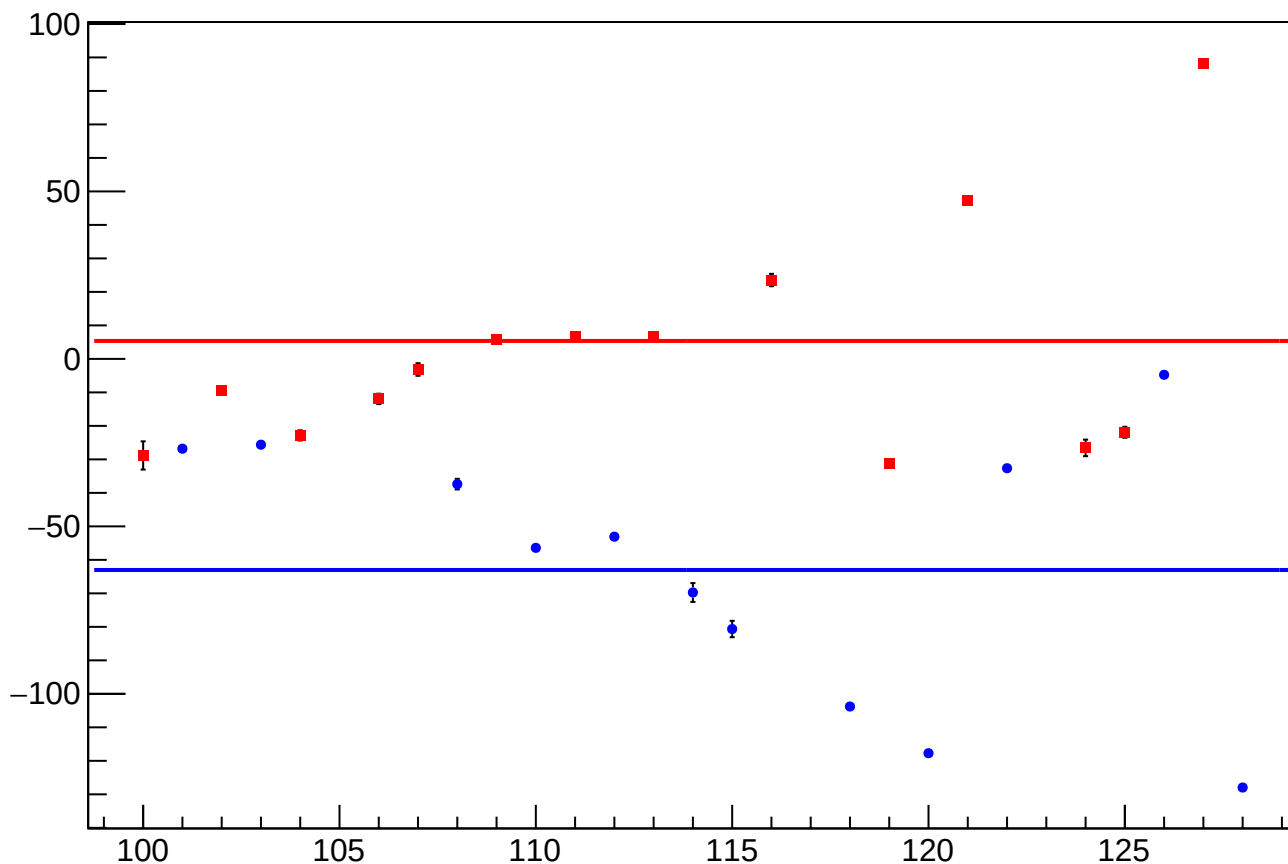
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1343.288 $\pm$ 0.294 χ^2 /NDF: 80316.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i02X_mean vs Slug



Right In: -63.018 $\pm$ 0.427 χ^2 /NDF: 8777.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.361 $\pm$ 0.406 χ^2 /NDF: 6588.7/13

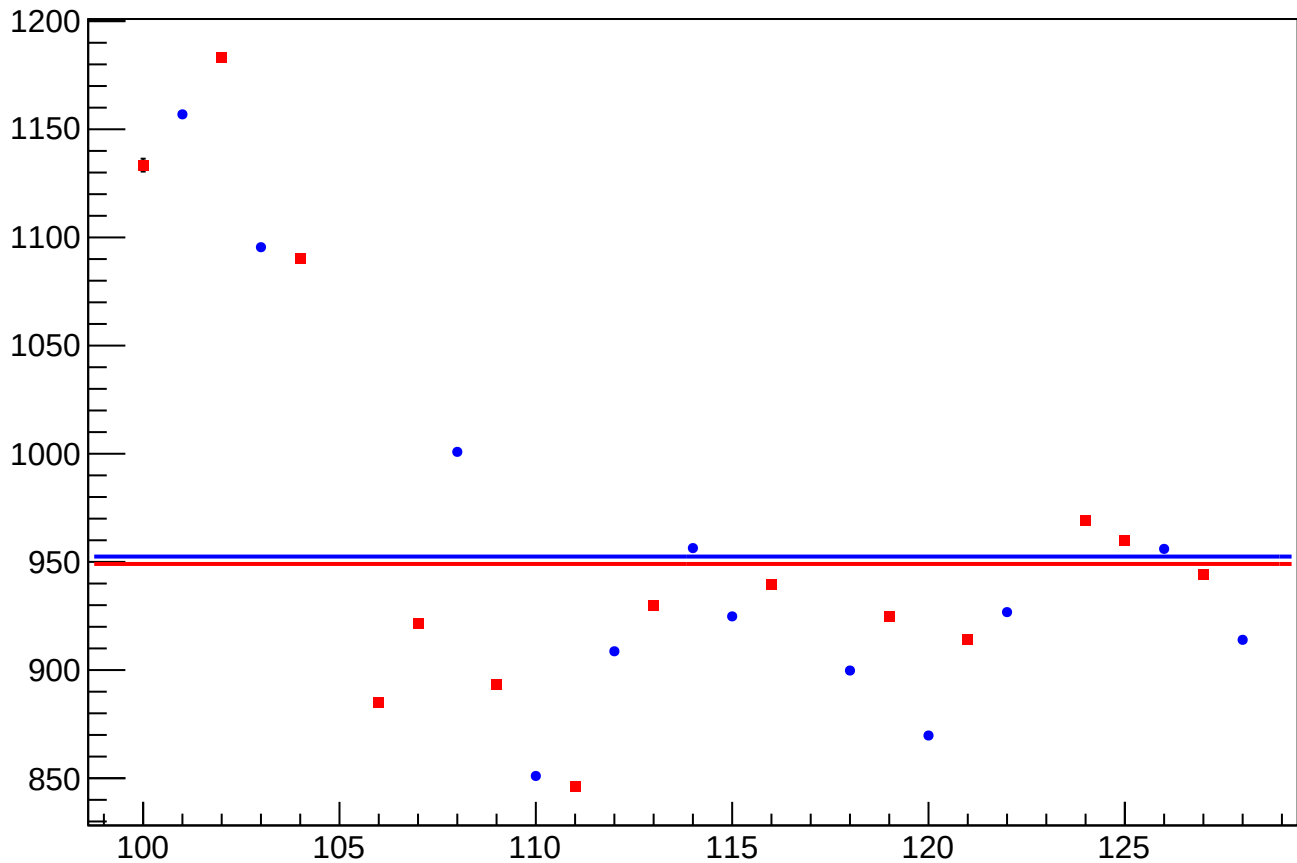
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -27.032 $\pm$ 0.294 χ^2 /NDF: 28833.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i02X_rms vs Slug



Right In: 952.470 $\pm$ 0.302 χ^2 /NDF: 89197.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 949.048 $\pm$ 0.287 χ^2 /NDF: 96093.5/13

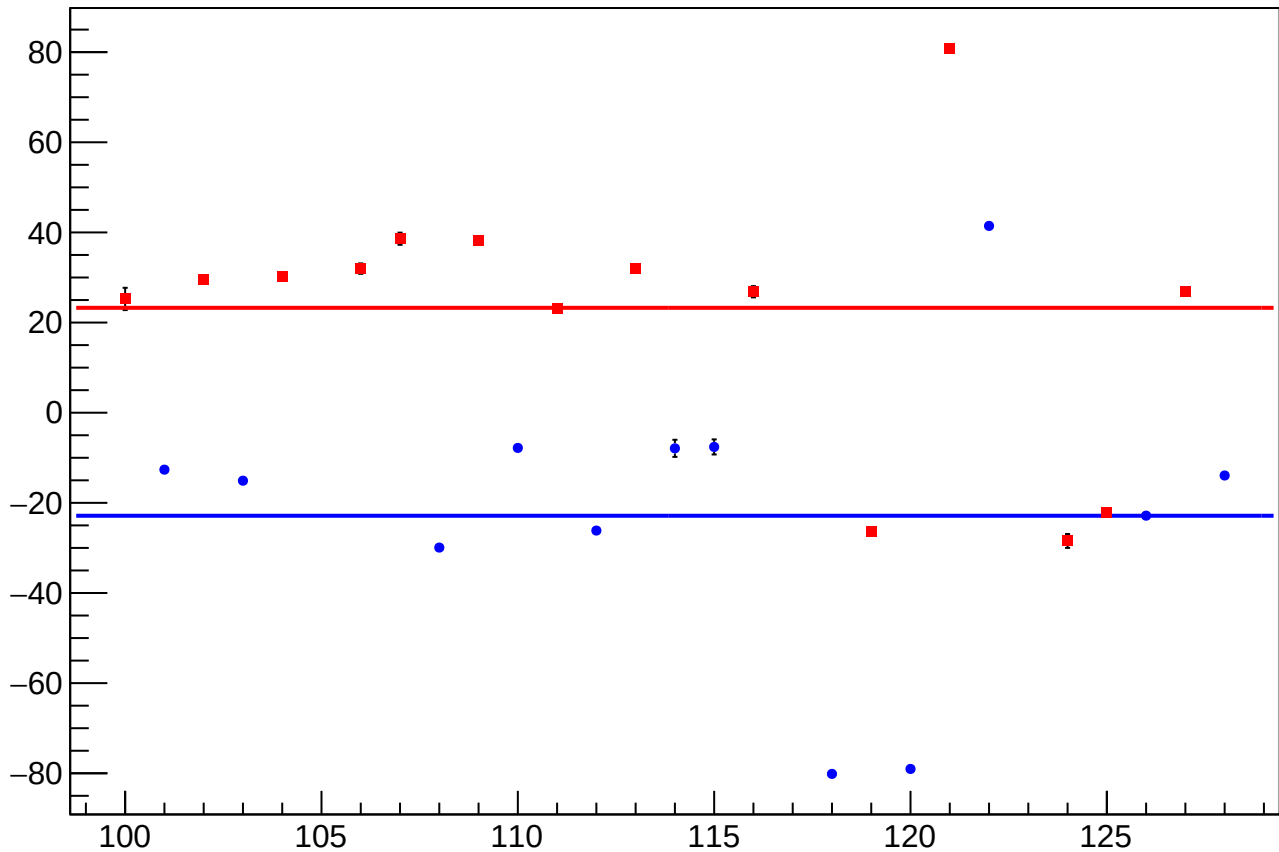
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 950.669 $\pm$ 0.208 χ^2 /NDF: 185358.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i02Y_mean vs Slug



Right In: -22.862 ± 0.287 χ^2/NDF : 12460.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 23.275 ± 0.272 χ^2/NDF : 11557.8/13

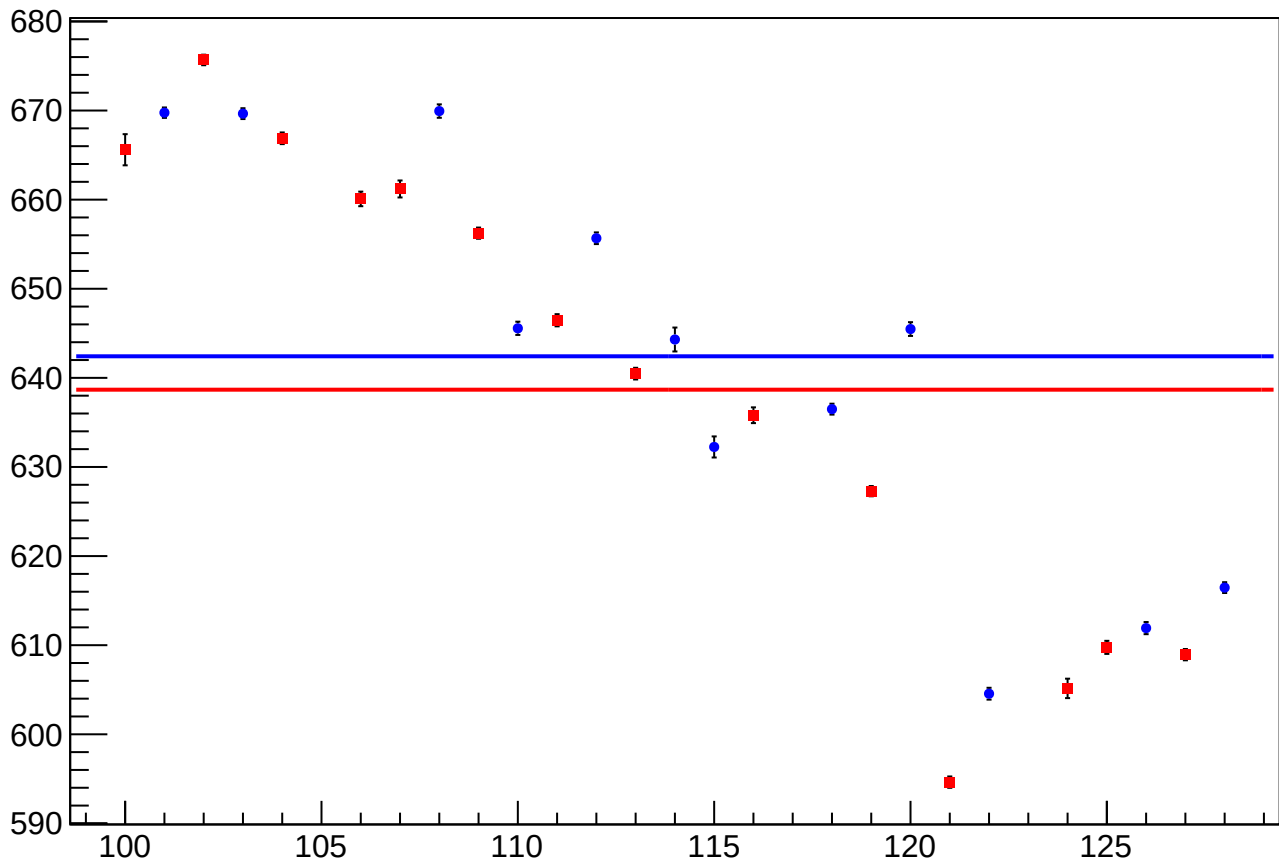
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.460 ± 0.197 χ^2/NDF : 37638.2/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm1i02Y_rms vs Slug



Right In: 642.421+/-0.203 χ^2/NDF : 13214.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 638.673+/-0.192 χ^2/NDF : 18042.6/13

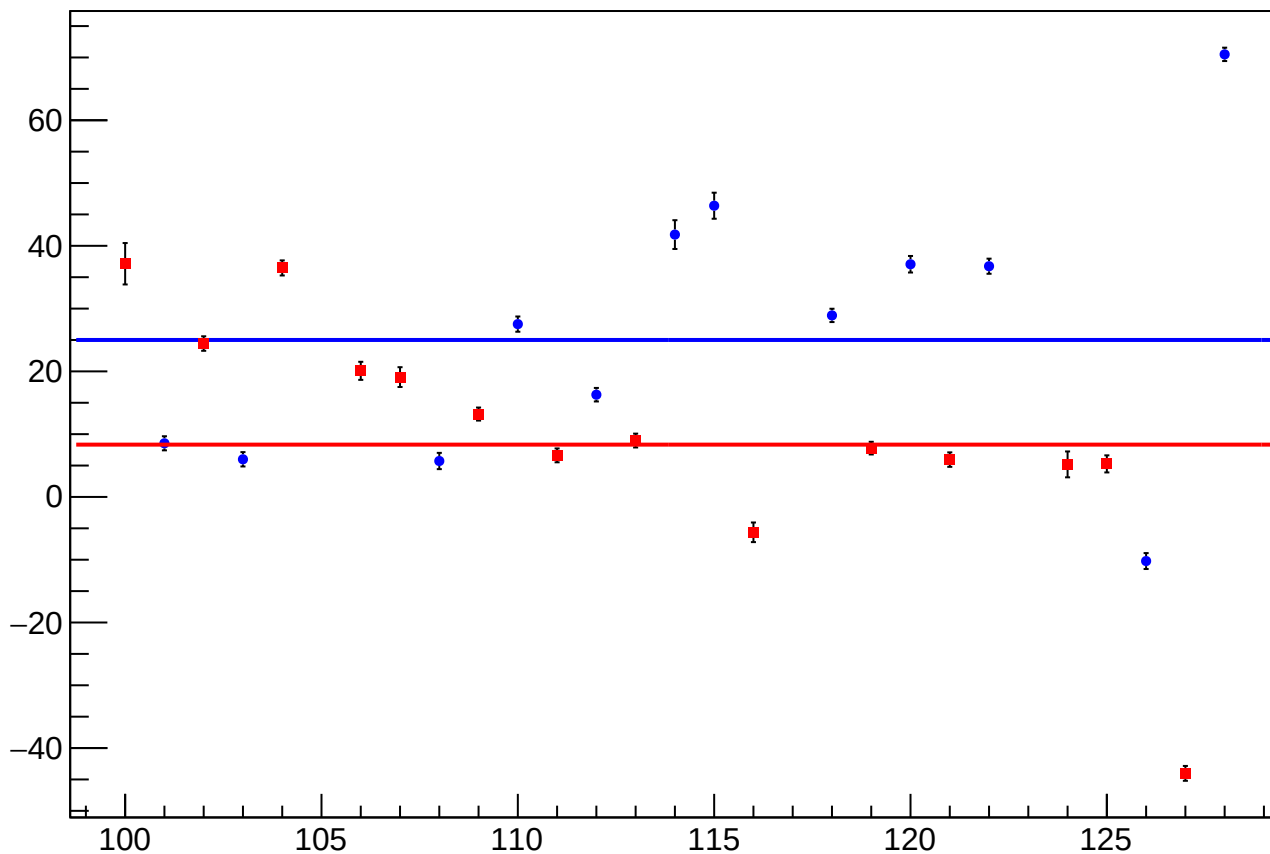
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 640.445+/-0.140 χ^2/NDF : 31436.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1i04X_mean vs Slug



Right In: 25.003 $\pm$ 0.359 χ^2 /NDF: 3729.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.332 $\pm$ 0.340 χ^2 /NDF: 3008.4/13

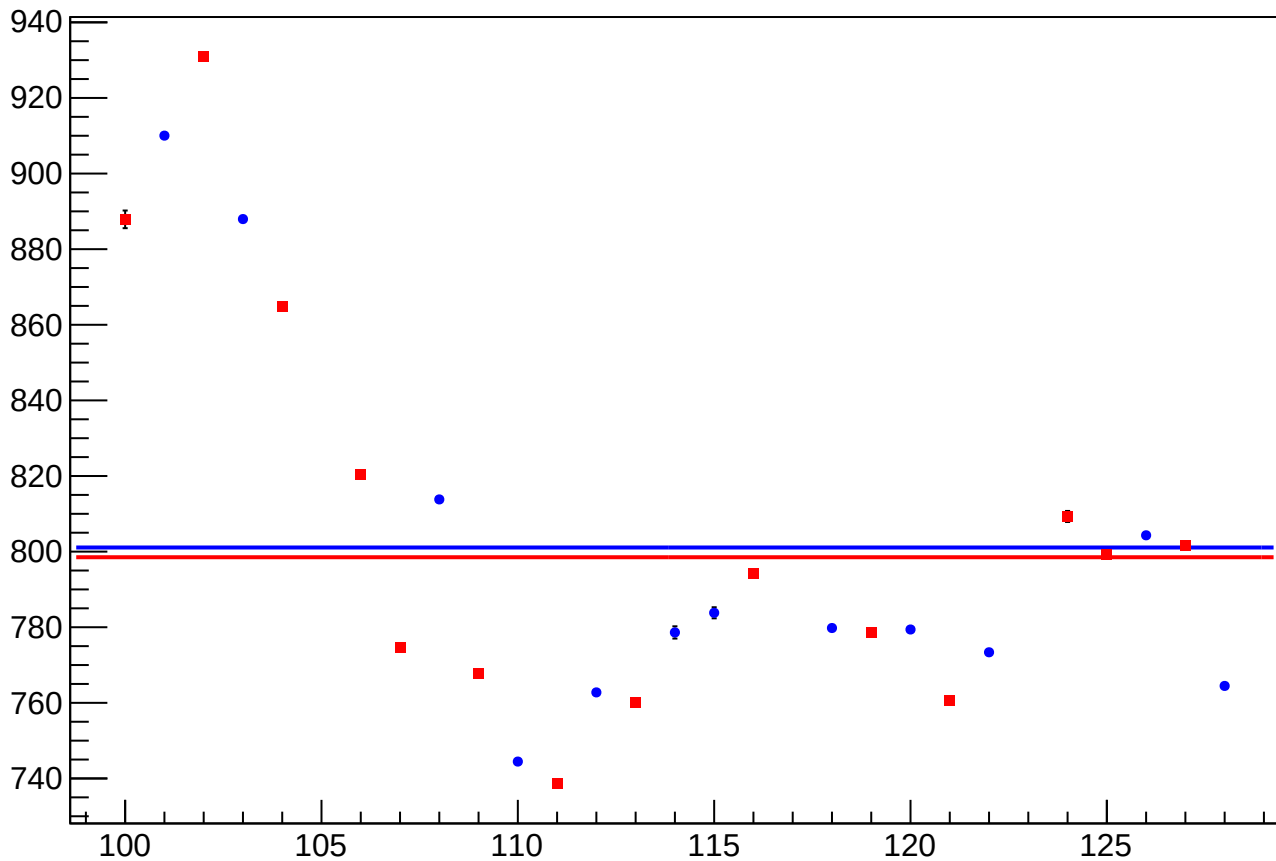
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.235 $\pm$ 0.247 χ^2 /NDF: 7874.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i04X_rms vs Slug



Right In: 801.092 $\pm$ 0.254 χ^2 /NDF: 42584.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 798.515 $\pm$ 0.241 χ^2 /NDF: 47841.1/13

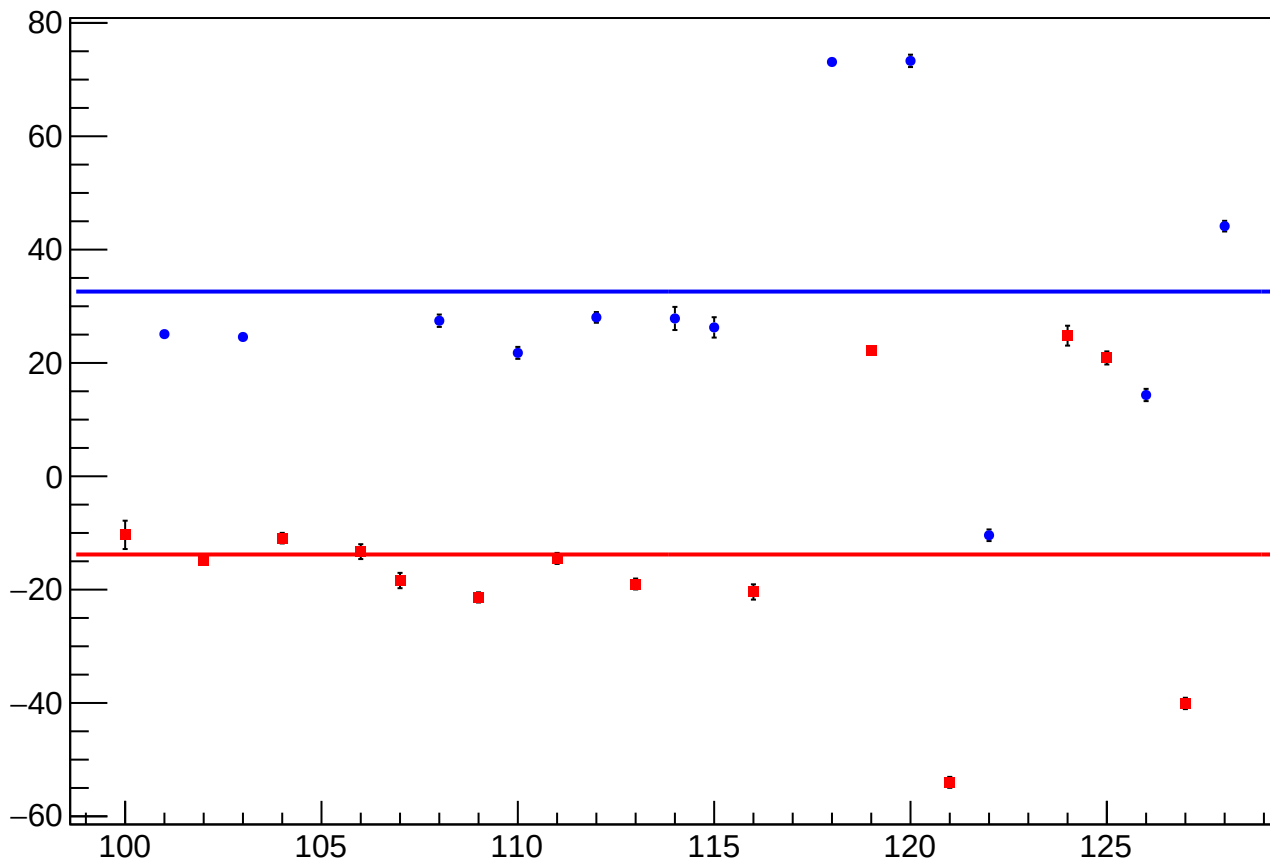
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 799.736 $\pm$ 0.175 χ^2 /NDF: 90480.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i04Y_mean vs Slug



Right In: 32.598+/-0.299 χ^2/NDF : 6047.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.799+/-0.286 χ^2/NDF : 5768.9/13

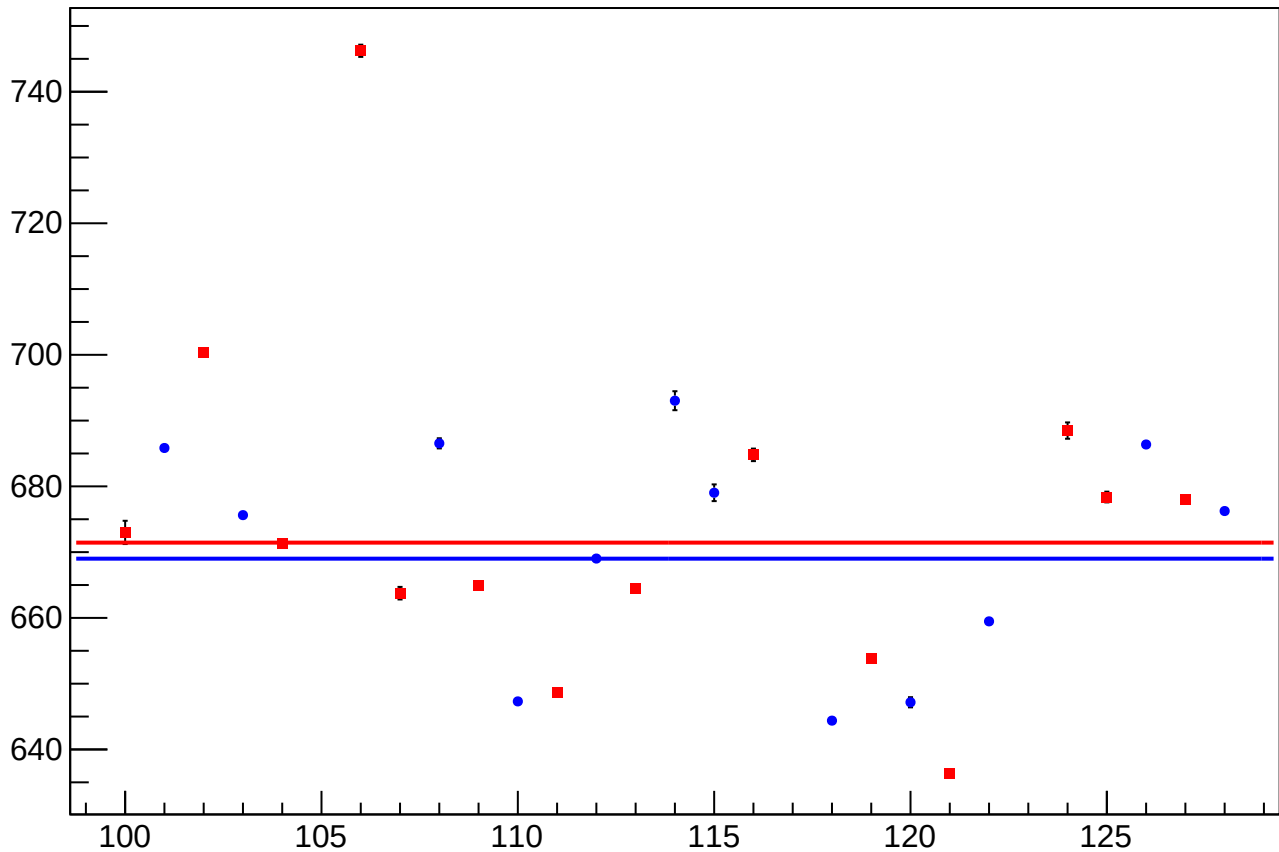
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.368+/-0.207 χ^2/NDF : 24402.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1i04Y_rms vs Slug



Right In: 669.006 $\pm$ 0.211 χ^2 /NDF: 5790.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 671.446 $\pm$ 0.202 χ^2 /NDF: 14156.9/13

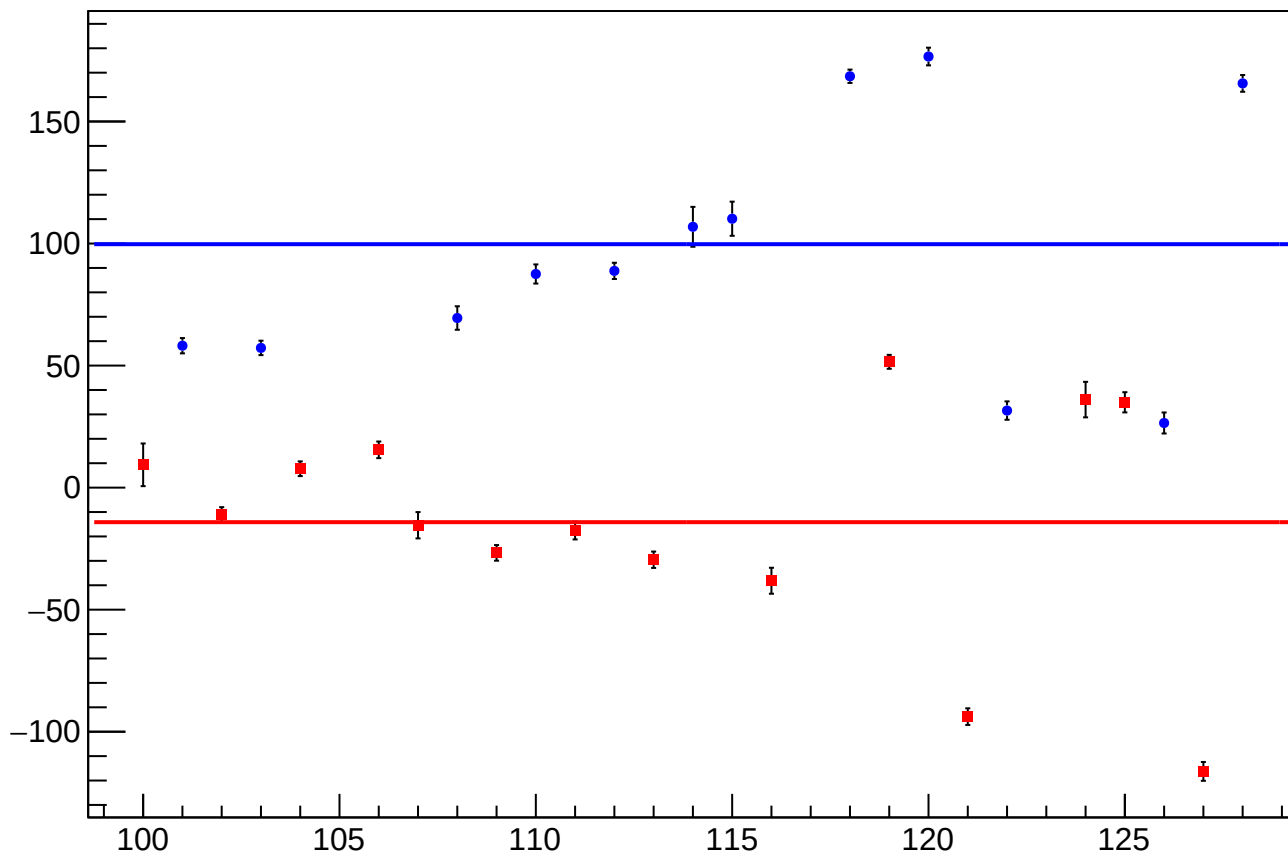
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 670.280 $\pm$ 0.146 χ^2 /NDF: 20016.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i06X_mean vs Slug



Right In: 99.735+/-1.073 χ^2/NDF : 2513.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.153+/-1.003 χ^2/NDF : 2159.2/13

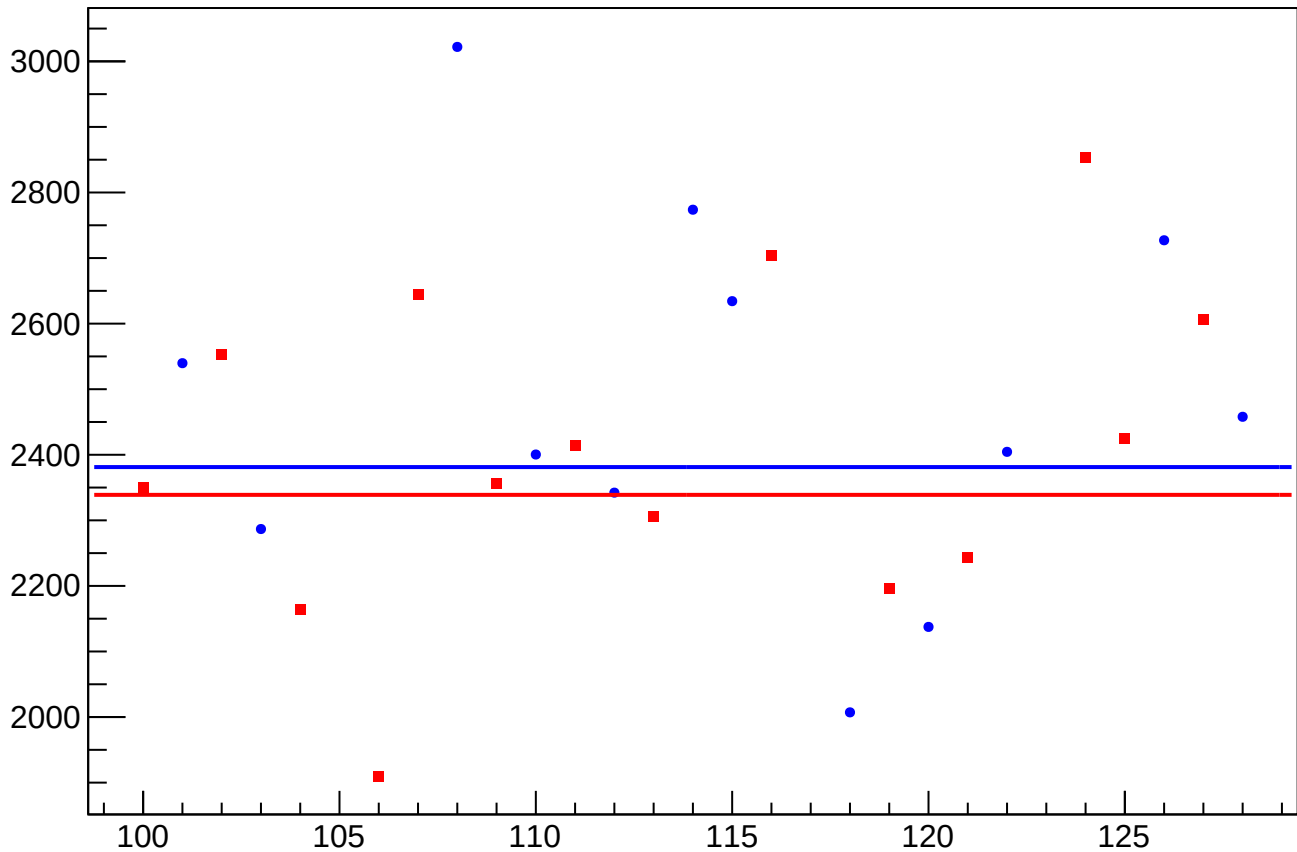
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.961+/-0.733 χ^2/NDF : 10688.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1i06X_rms vs Slug



Right In: 2381.242 $\pm$ 0.758 χ^2 /NDF: 110614.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

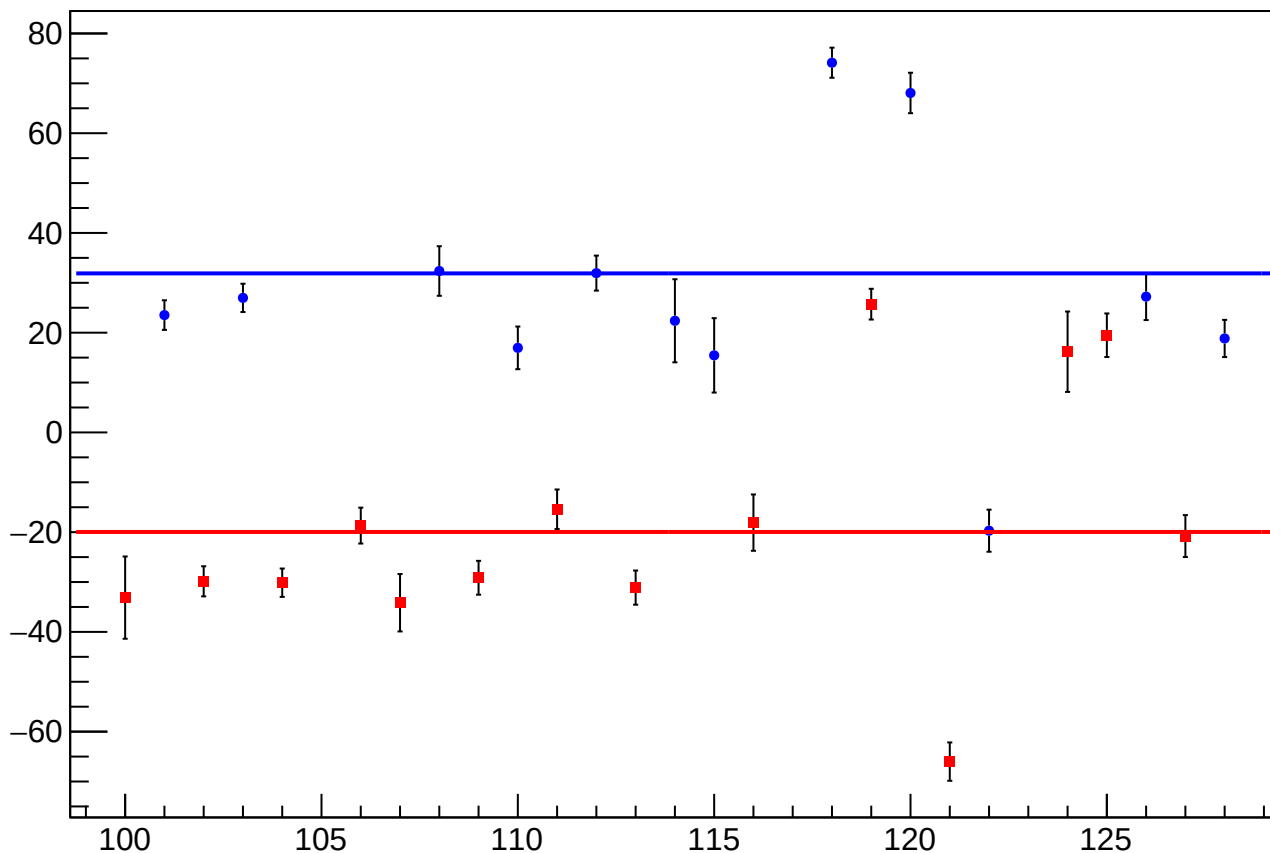
Right Out: 2338.866 $\pm$ 0.709 χ^2 /NDF: 91795.5/13

All: 2358.629 $\pm$ 0.518 χ^2 /NDF: 204075.9/25

- sign 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_bpm1i06Y_mean vs Slug



Right In: 31.890 $\pm$ 1.125 χ^2 /NDF: 467.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -19.959 $\pm$ 1.043 χ^2 /NDF: 516.1/13

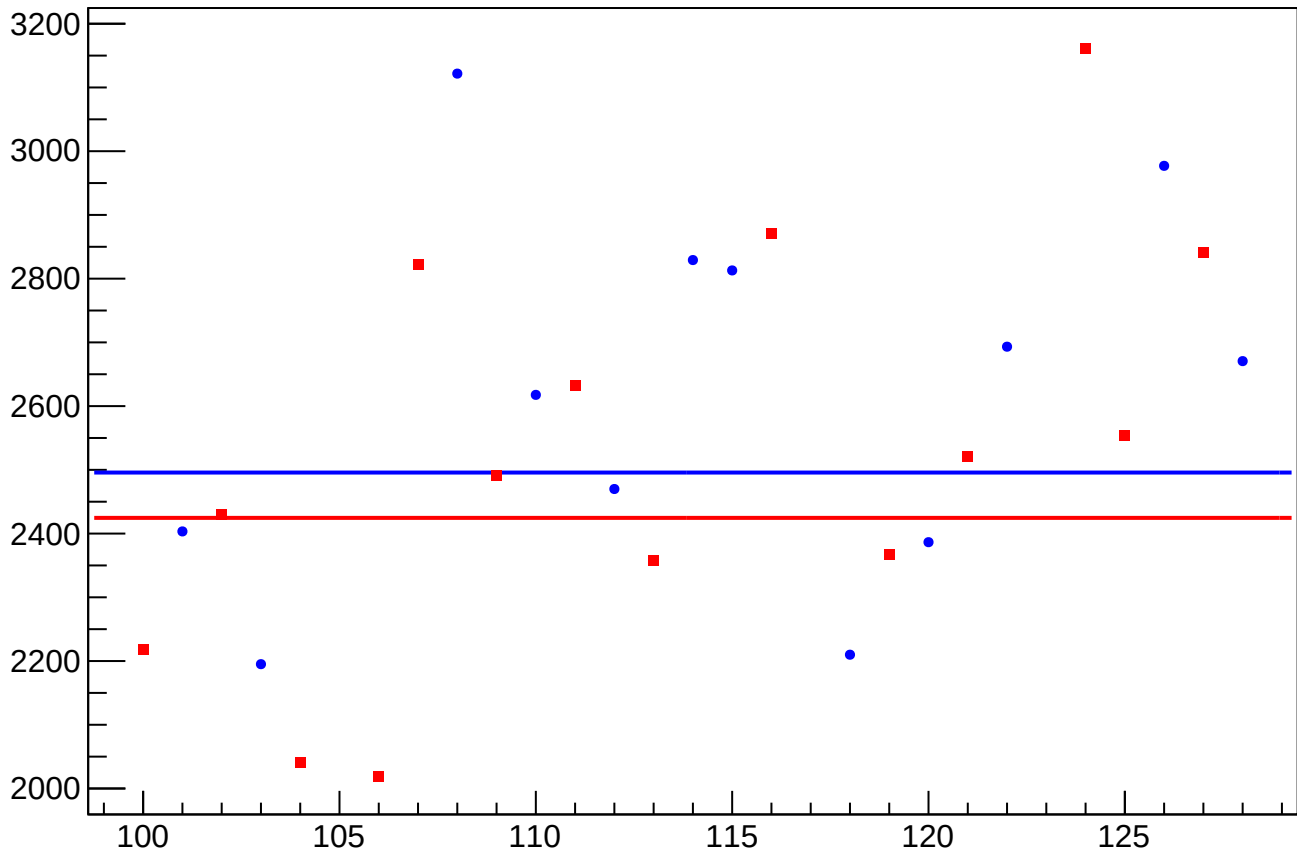
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.005 $\pm$ 0.765 χ^2 /NDF: 2126.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i06Y_rms vs Slug



Right In: 2495.760+/-0.795 χ^2/NDF : 113830.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2424.638+/-0.737 χ^2/NDF : 132110.5/13

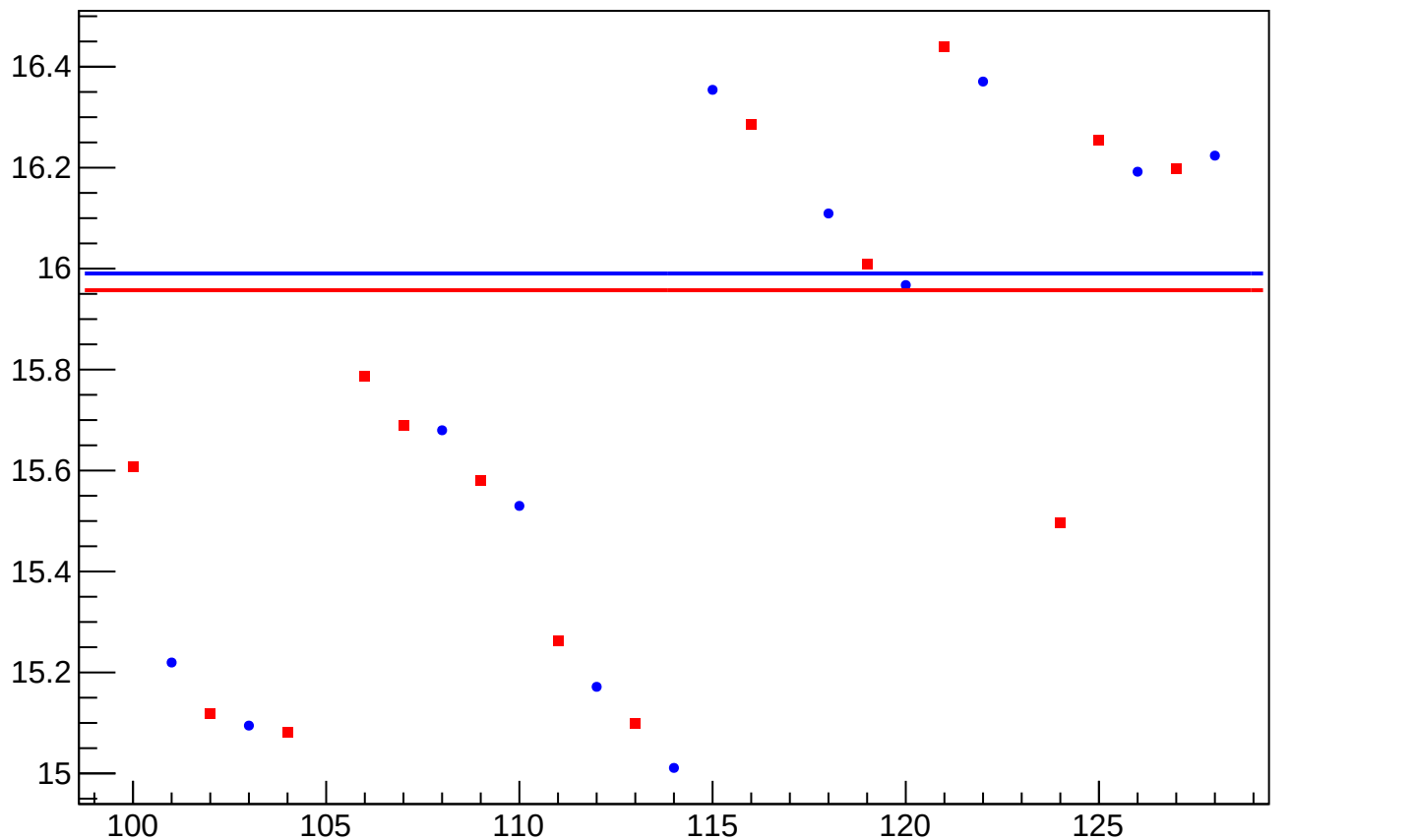
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2457.510+/-0.541 χ^2/NDF : 250242.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam1_mean vs Slug



Right In: 15.990+/-0.000 χ^2/NDF : 2581949495.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.957+/-0.000 χ^2/NDF : 3105724980.0/13

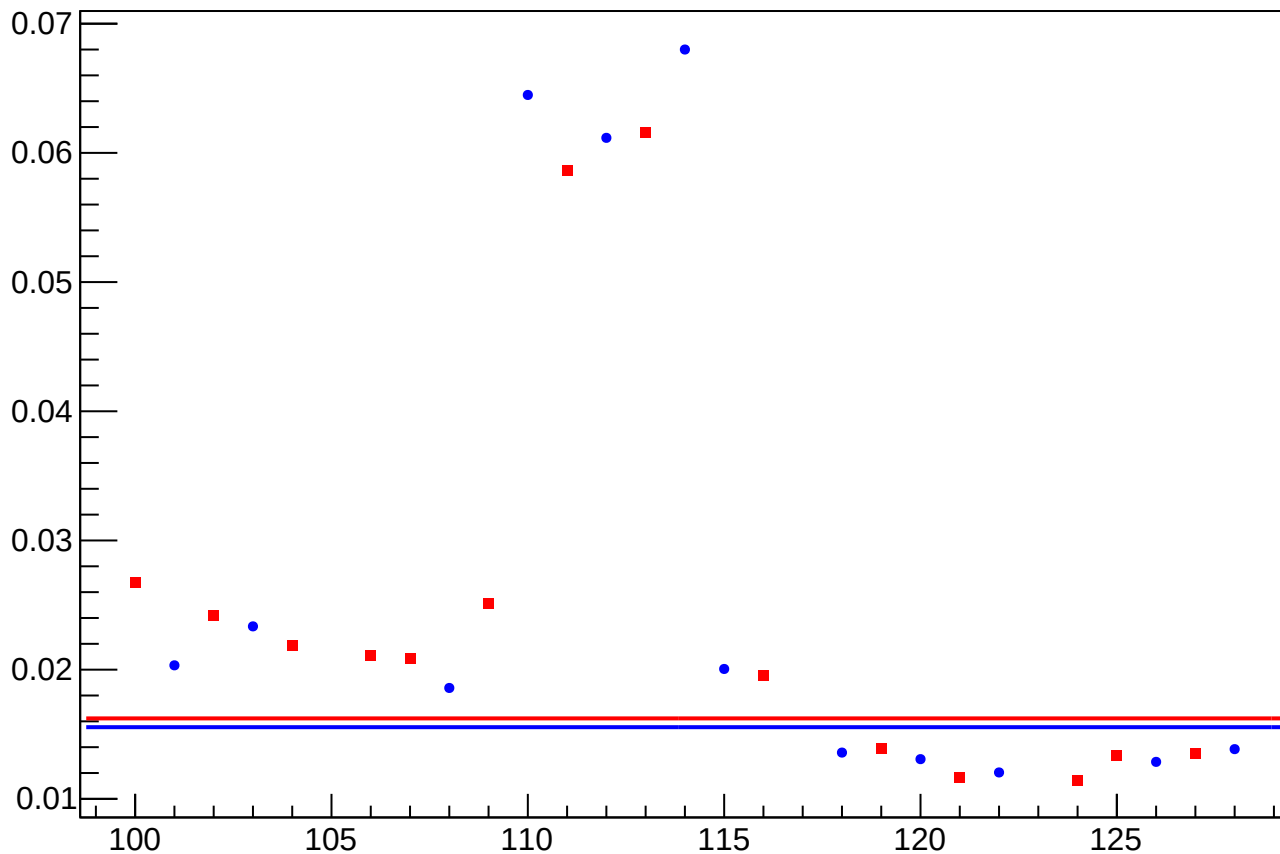
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.974+/-0.000 χ^2/NDF : 5696495061.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam1_rms vs Slug



Right In: 0.016+/-0.000 χ^2/NDF : 1408564.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 1563021.1/13

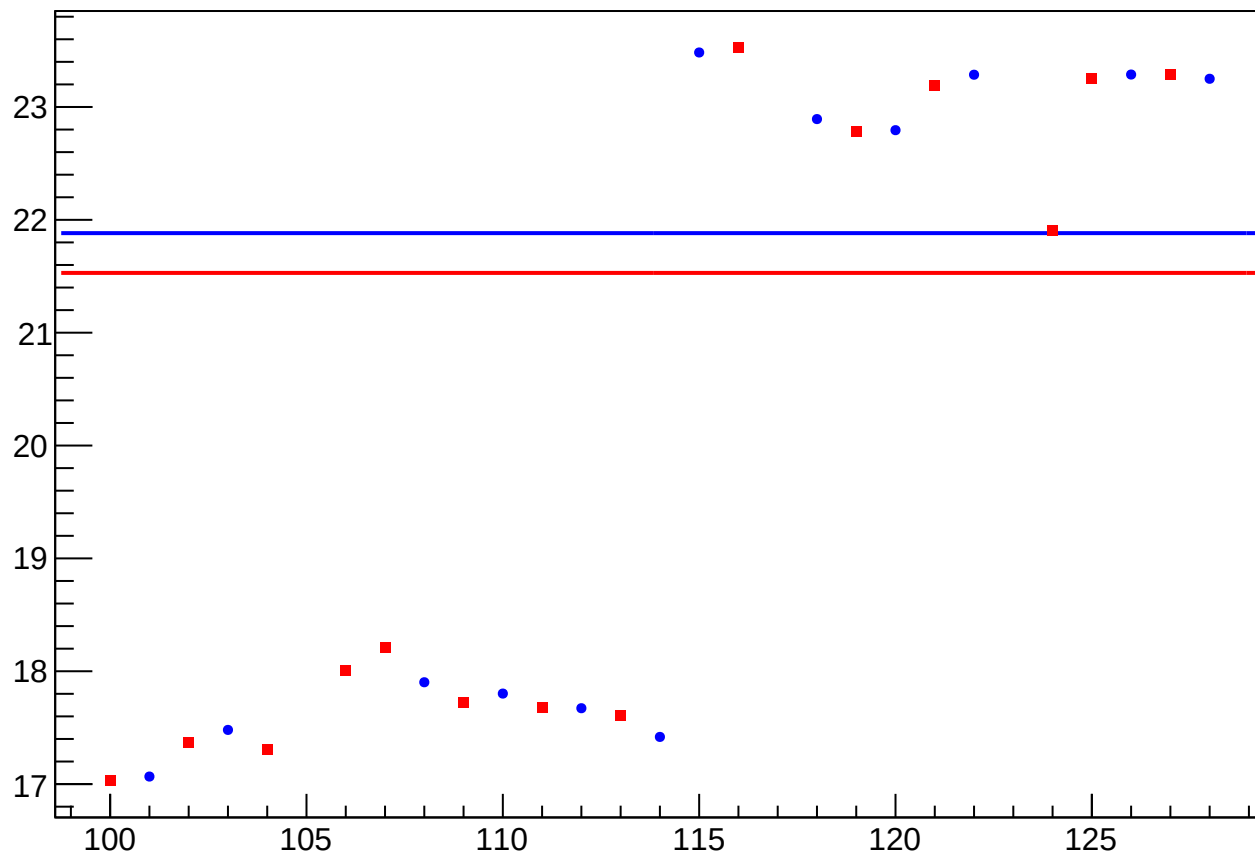
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 2979033.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam2_mean vs Slug



Right In: 21.882+/-0.000 χ^2/NDF : 961040124.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.530+/-0.000 χ^2/NDF : 957906978.9/13

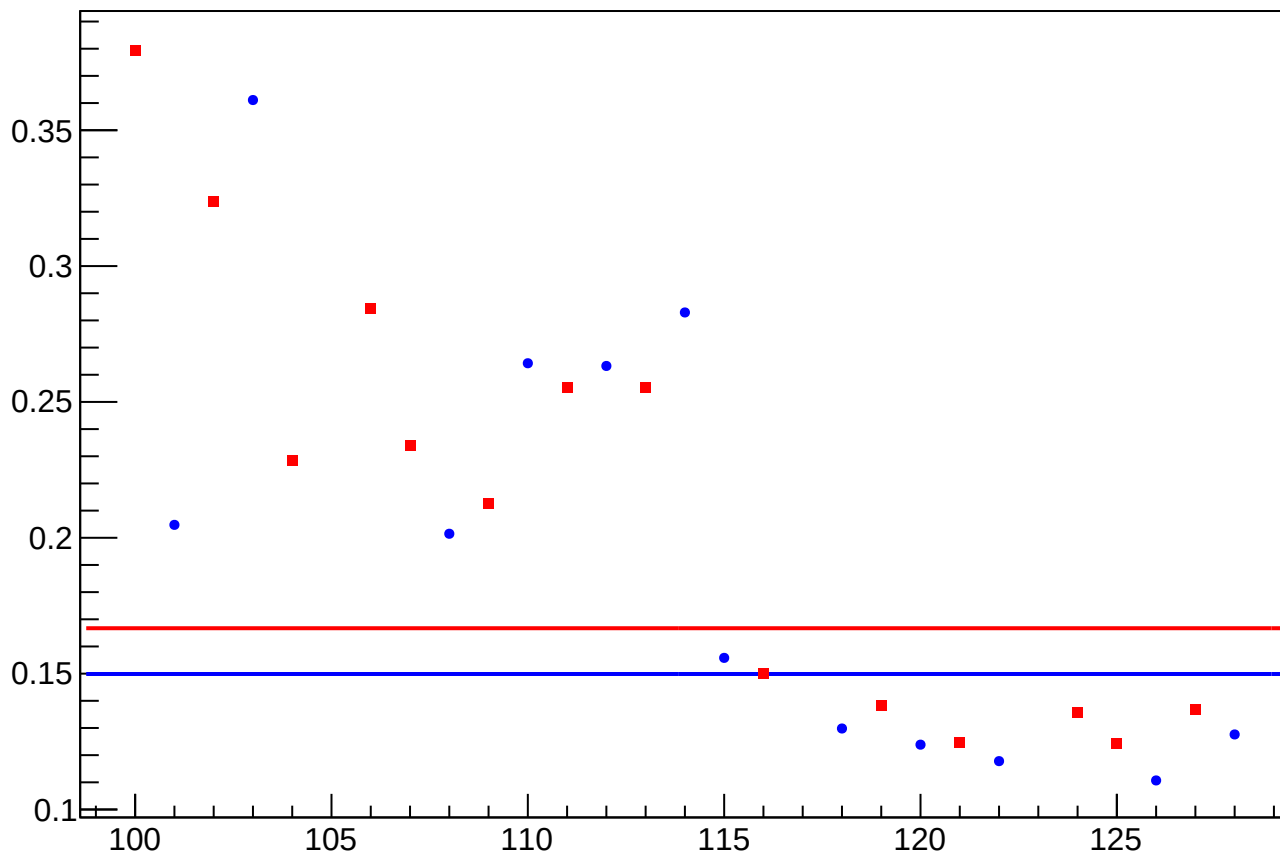
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.715+/-0.000 χ^2/NDF : 1929164107.0/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam2_rms vs Slug



Right In: 0.150+/-0.000 χ^2/NDF : 1086087.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.167+/-0.000 χ^2/NDF : 1013065.9/13

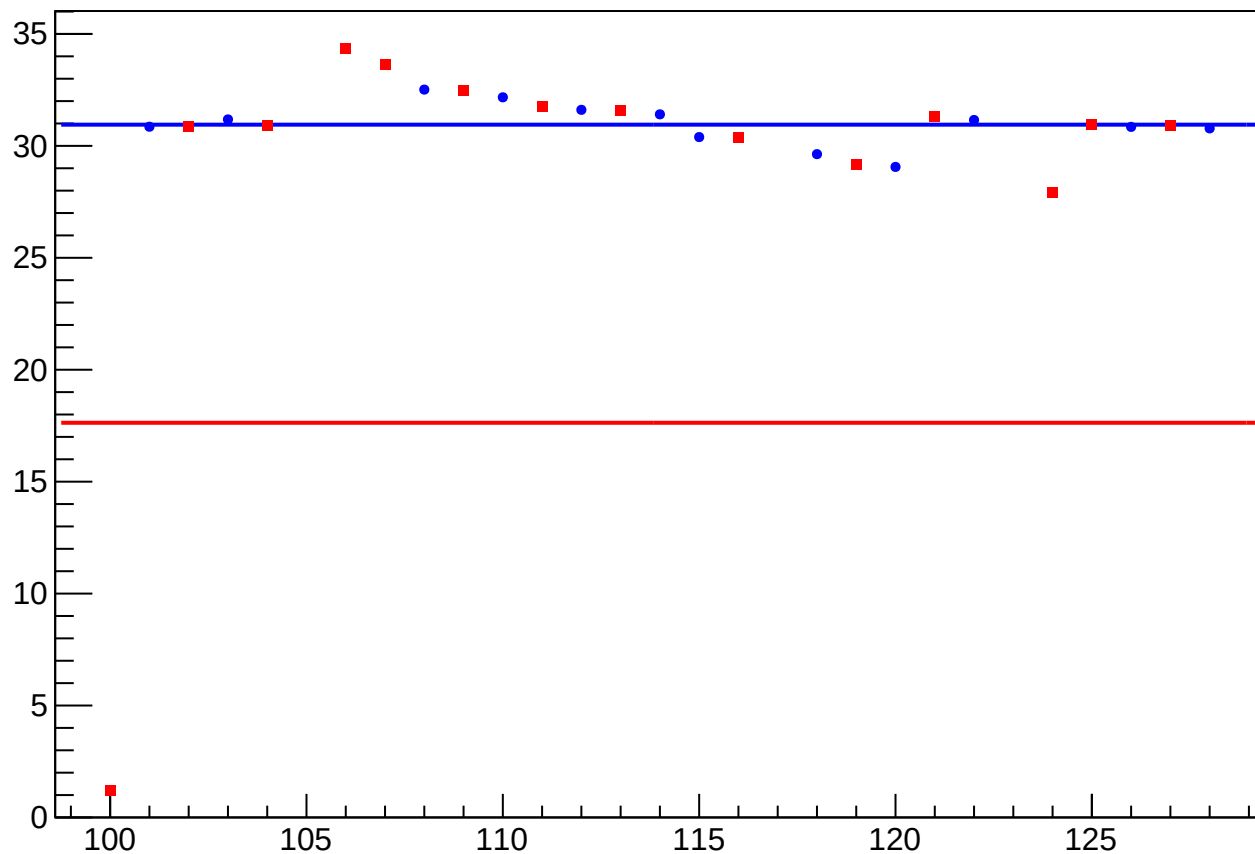
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.158+/-0.000 χ^2/NDF : 2145832.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam3_mean vs Slug



Right In: 30.947+/-0.000 χ^2/NDF : 350218247.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.631+/-0.000 χ^2/NDF : 192957356767.6/13

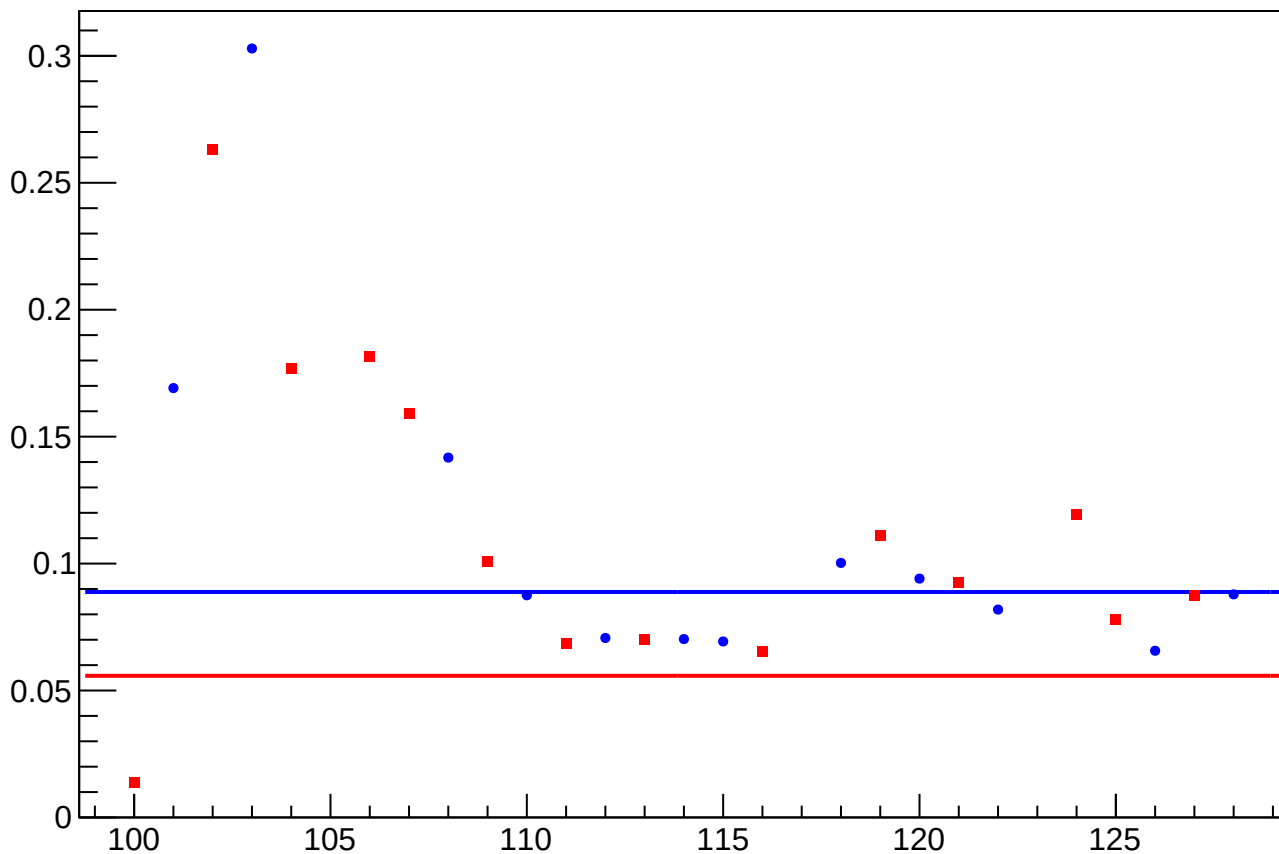
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.279+/-0.000 χ^2/NDF : 246781579211.

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam3_rms vs Slug



Right In: 0.089+/-0.000 χ^2/NDF : 1094202.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.056+/-0.000 χ^2/NDF : 3675949.8/13

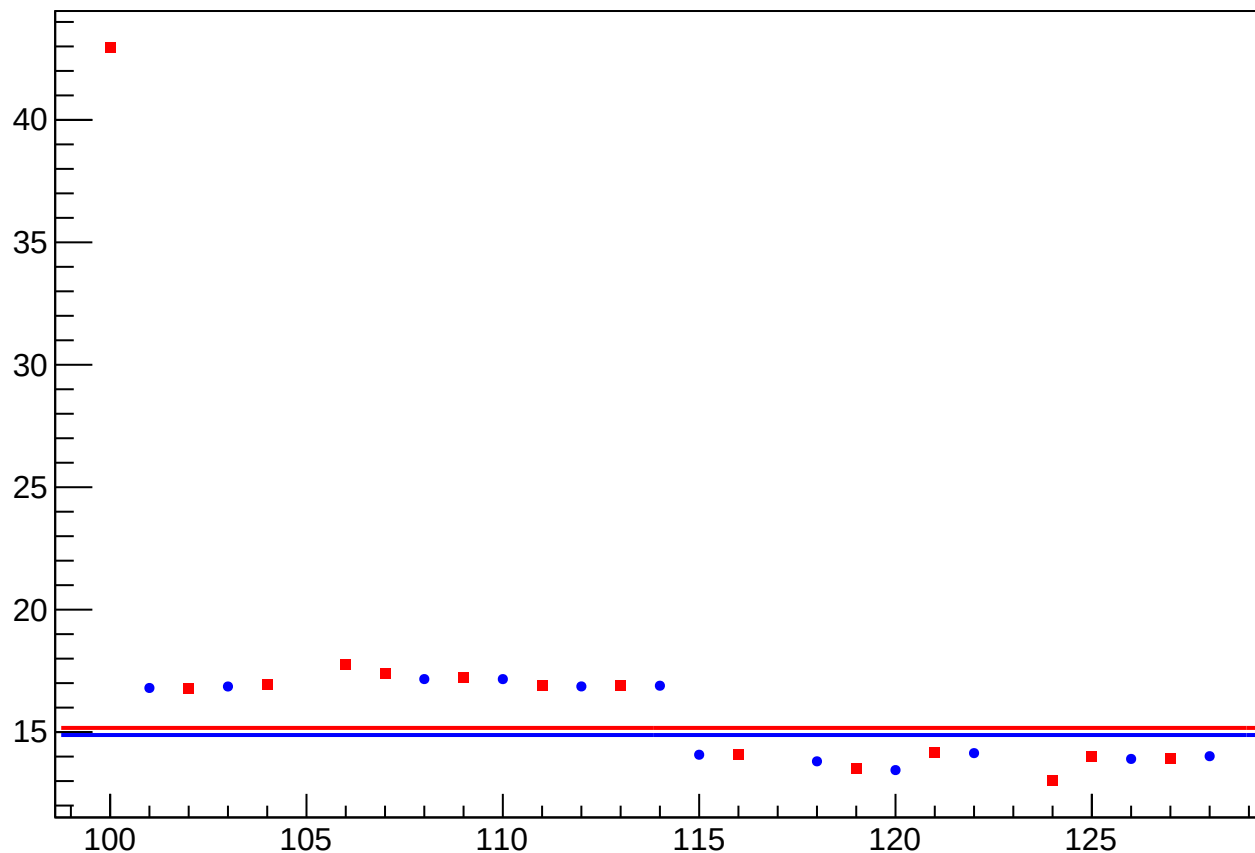
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.067+/-0.000 χ^2/NDF : 5427260.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam4_mean vs Slug



Right In: 14.880+/-0.000 χ^2/NDF : 1114828285.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.171+/-0.000 χ^2/NDF : 1596264061.4/13

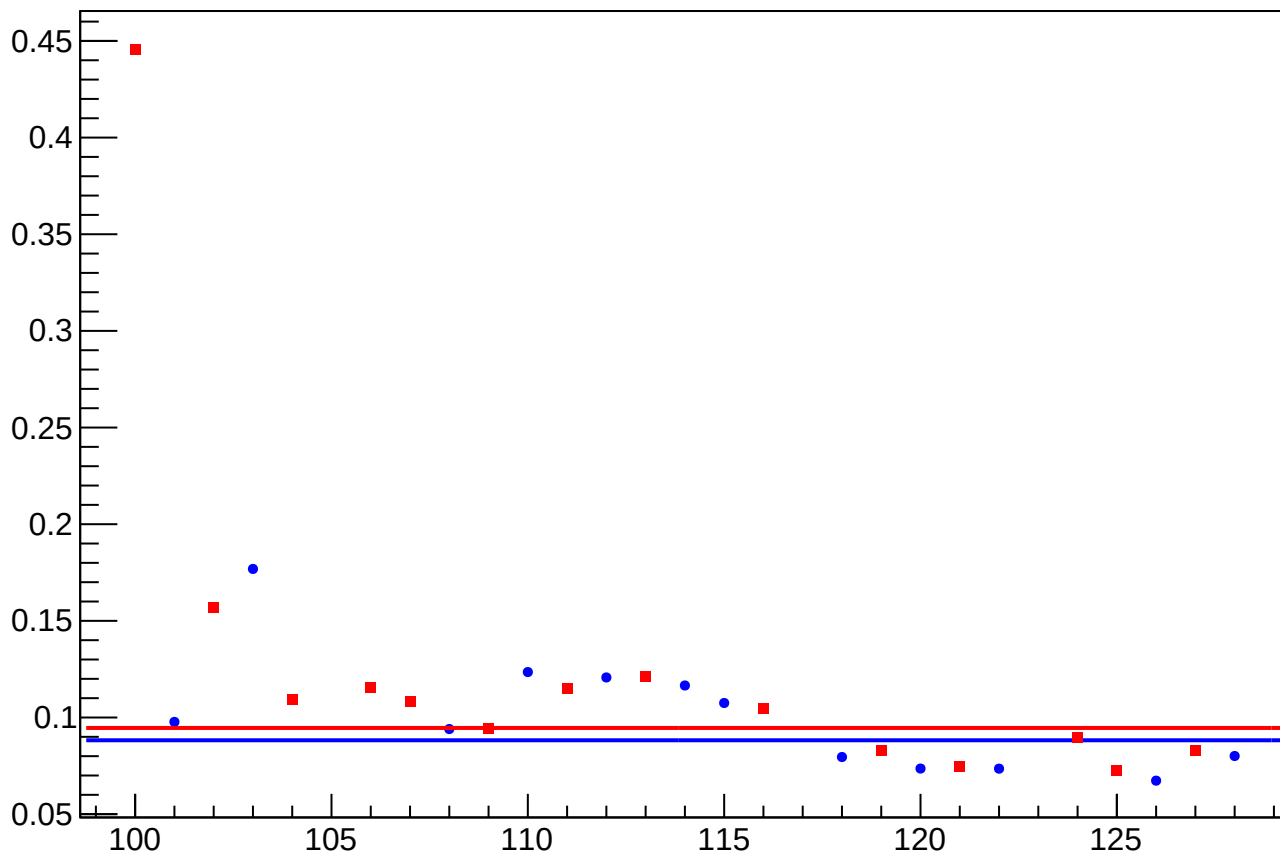
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.022+/-0.000 χ^2/NDF : 2733004709.5/2

- 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 : 588753.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.095+/-0.000 χ^2/NDF : 531765.9/13

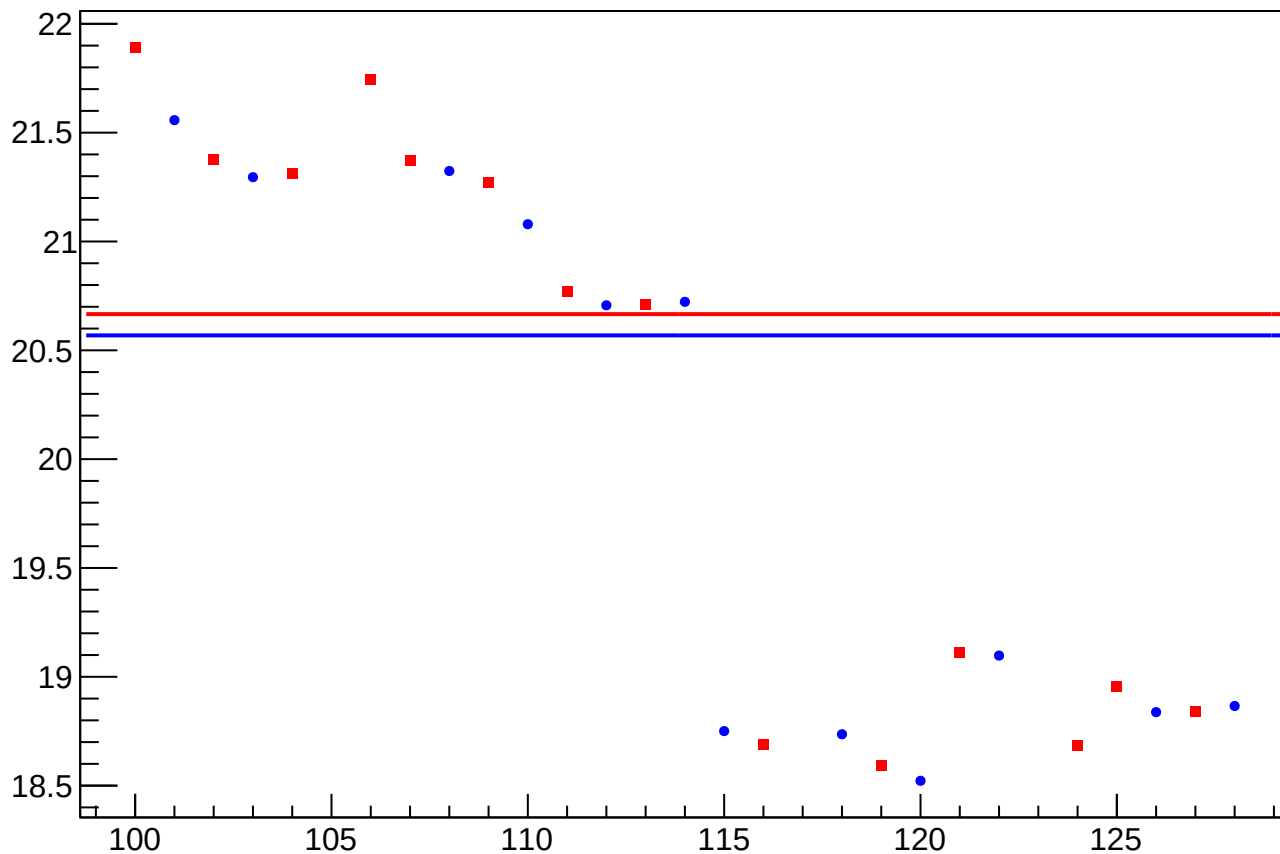
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.091+/-0.000 χ^2/NDF : 1141626.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam5_mean vs Slug



Right In: 20.569+/-0.000 χ^2/NDF : 6362911038.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.666+/-0.000 χ^2/NDF : 6171276631.3/13

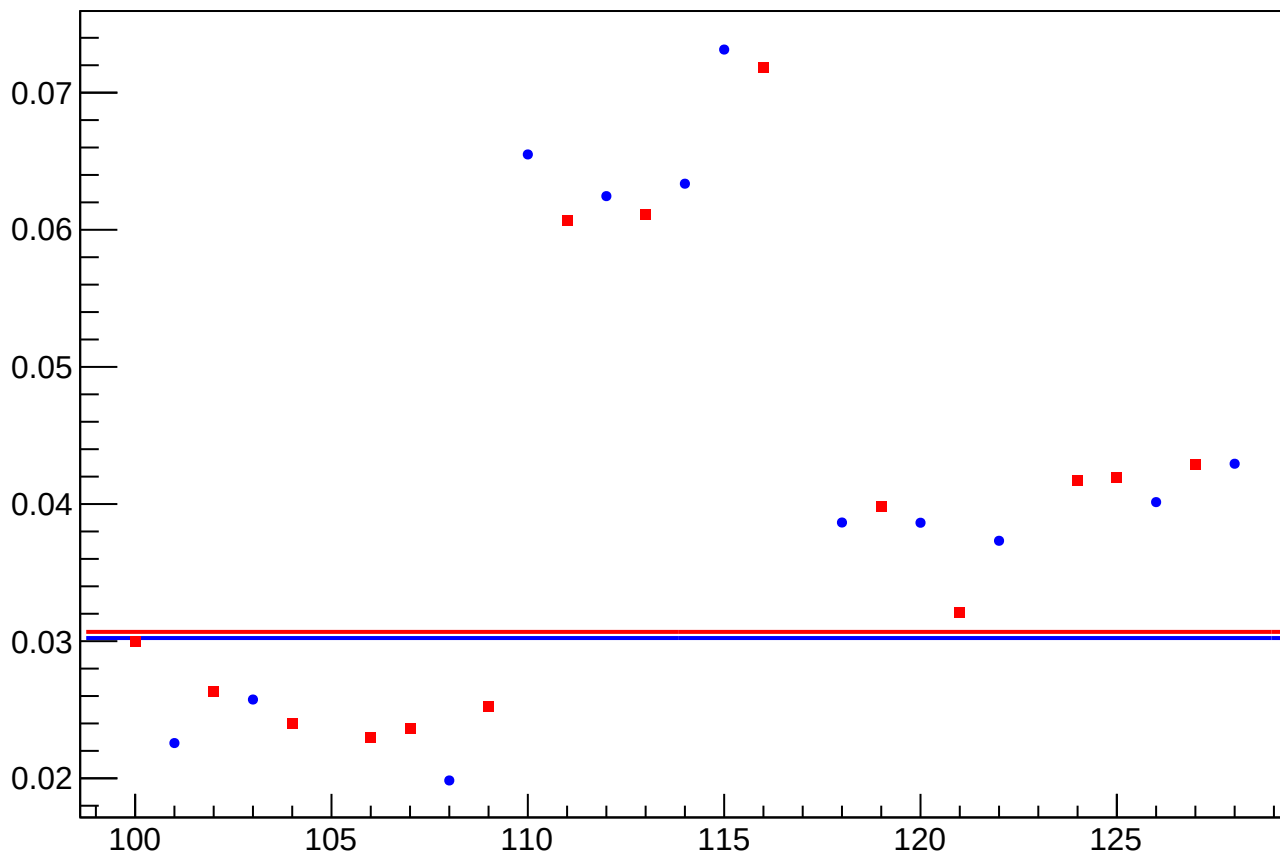
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.619+/-0.000 χ^2/NDF : 12556046878.7

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam5_rms vs Slug



Right In: 0.030+/-0.000 χ^2/NDF : 1181829.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.031+/-0.000 χ^2/NDF : 1024373.6/13

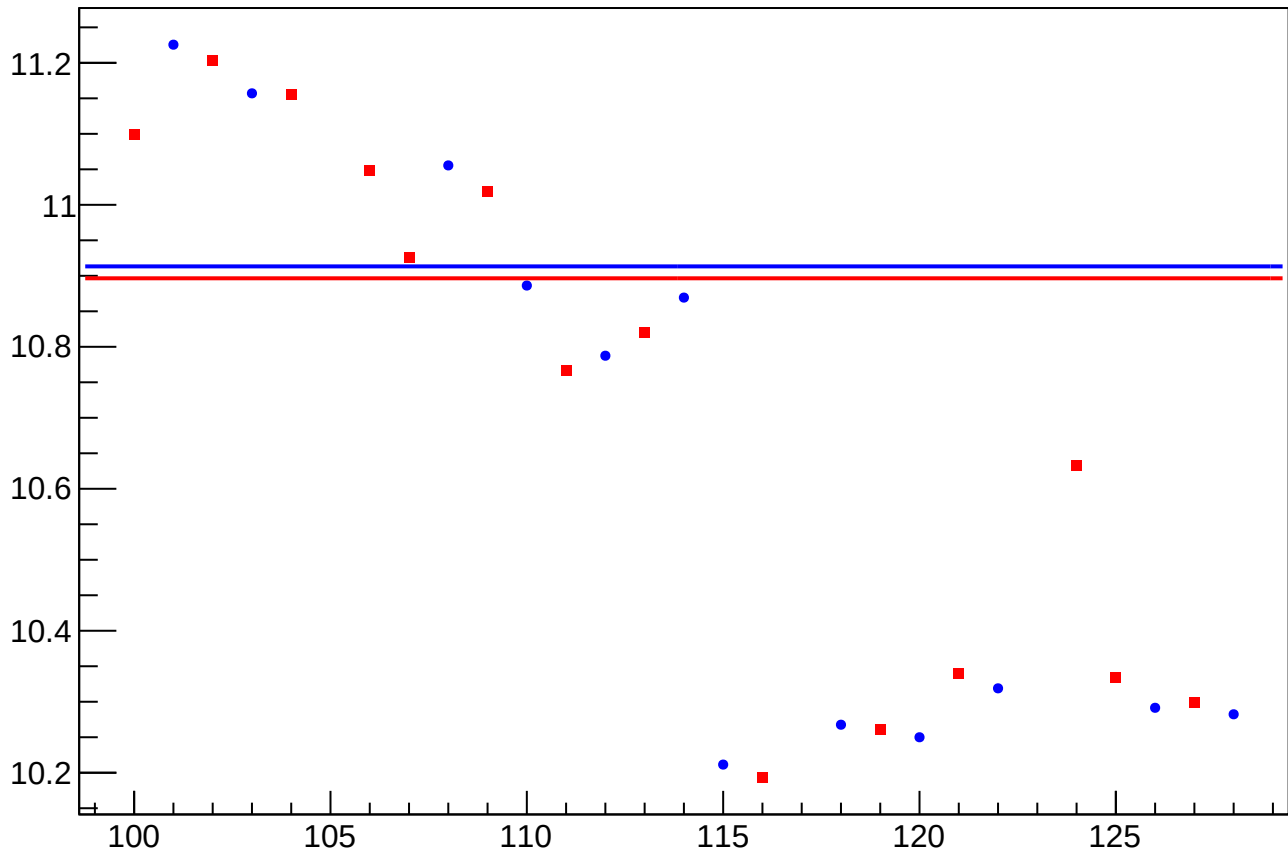
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.030+/-0.000 χ^2/NDF : 2207128.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam6_mean vs Slug



Right In: 10.913+/-0.000 χ^2/NDF : 3081166197.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.896+/-0.000 χ^2/NDF : 2279881149.9/13

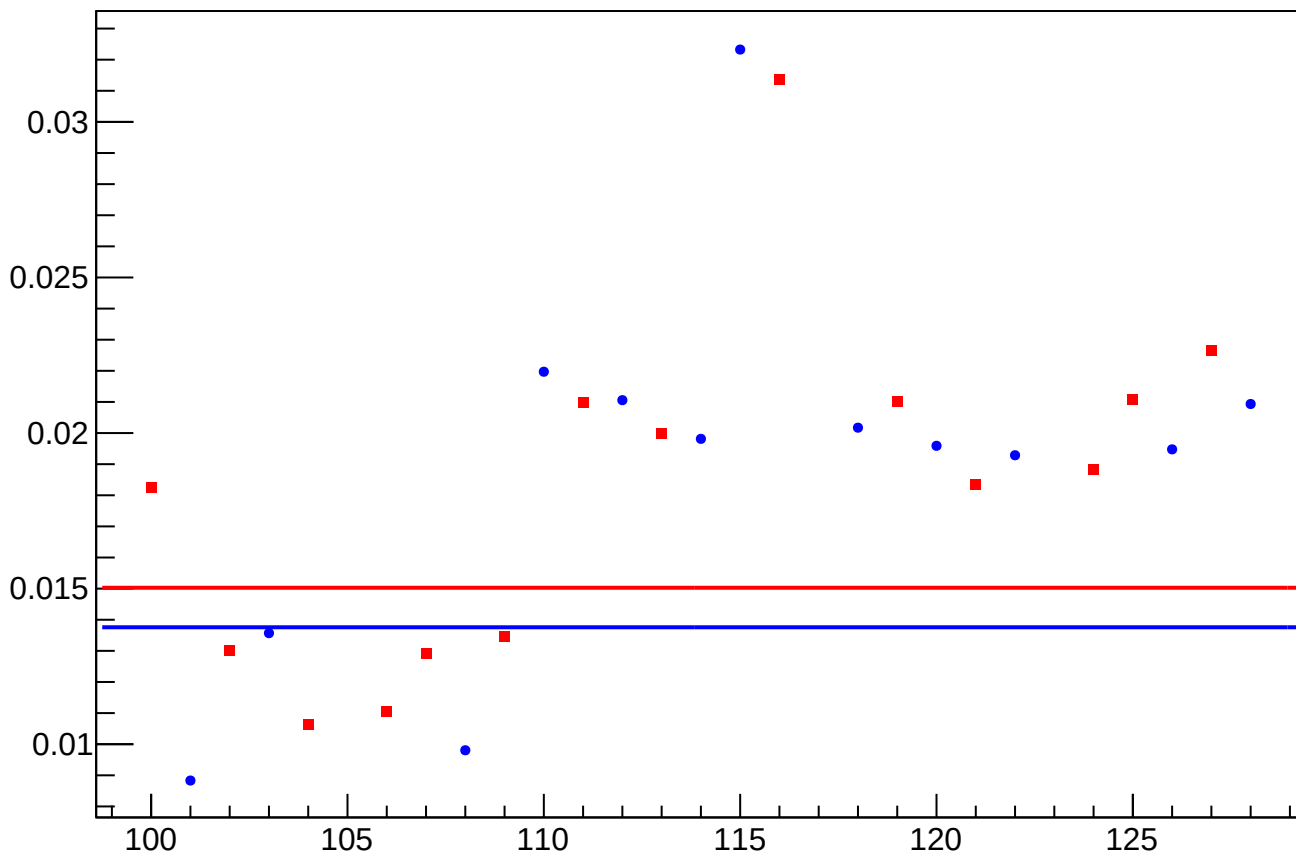
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.905+/-0.000 χ^2/NDF : 5363945728.1/13

- 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 : 1163054.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 815602.3/13

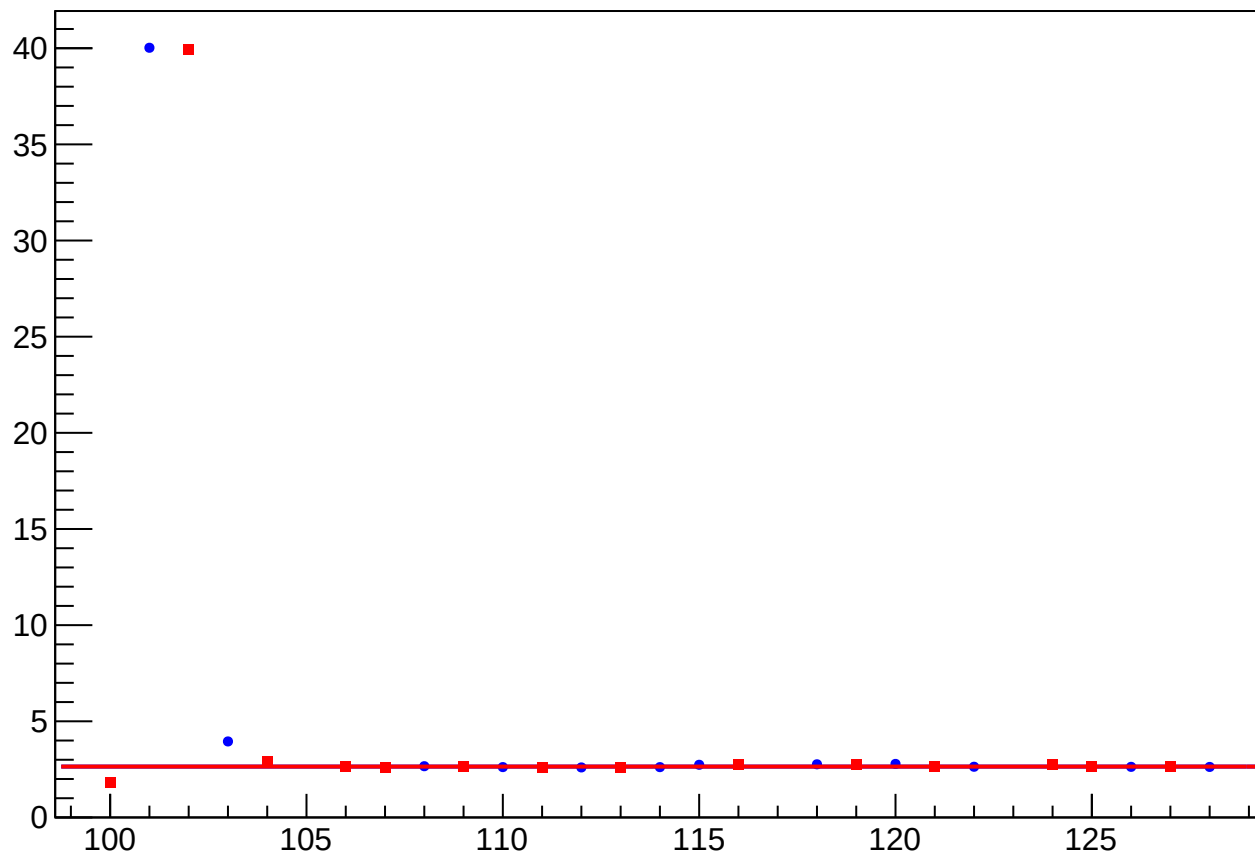
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 2011859.8/25

- 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 : 64615842372.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.646+/-0.000 χ^2/NDF : 63159367892.6/13

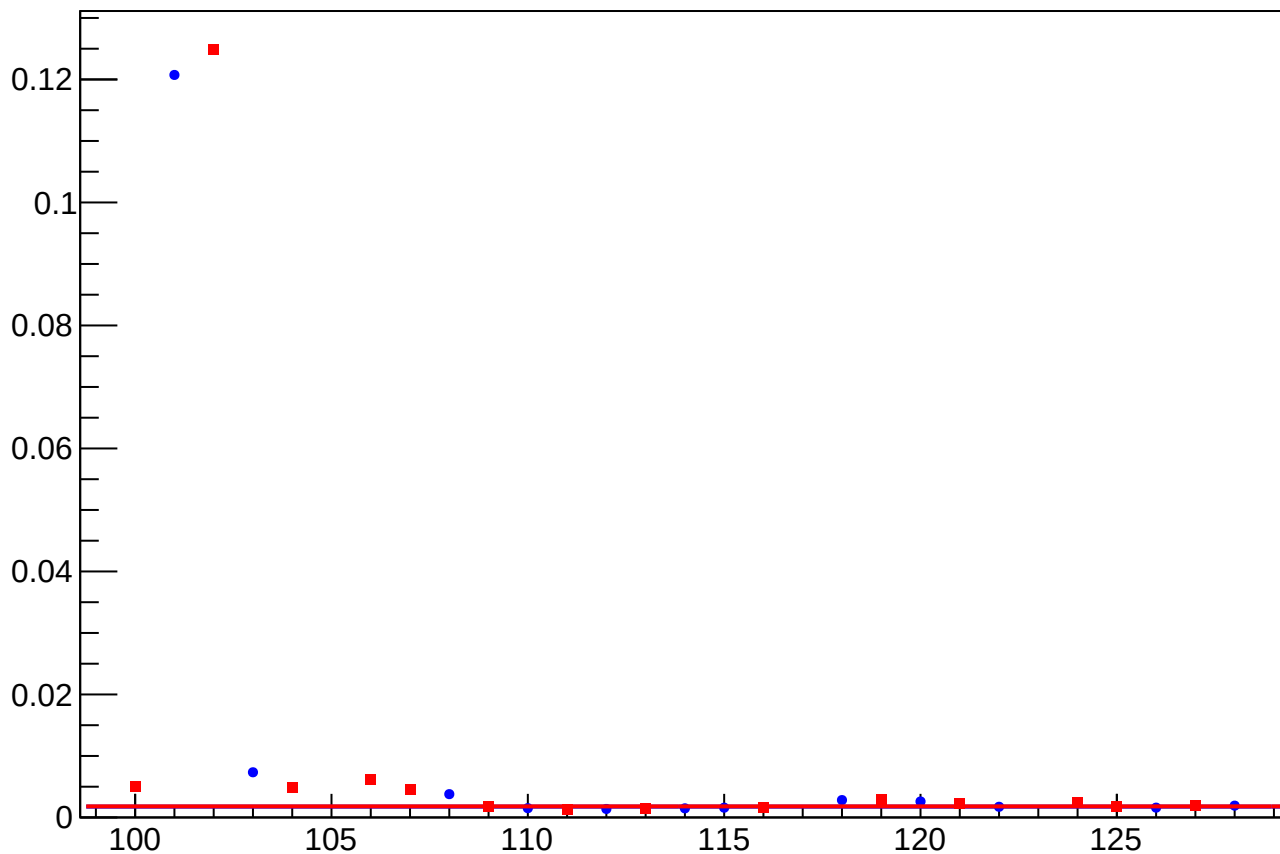
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.645+/-0.000 χ^2/NDF : 127775296400.1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam7_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 1774453.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2357875.1/13

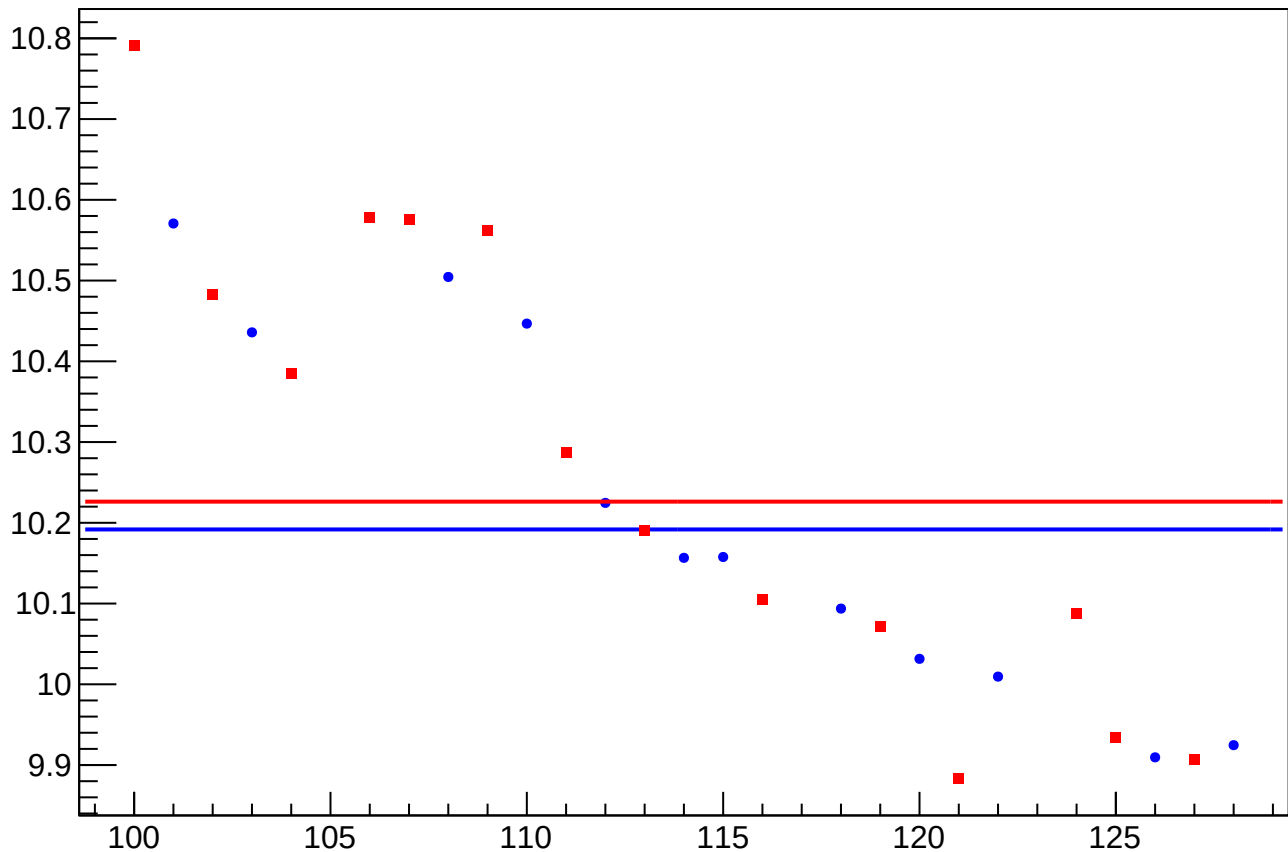
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4134188.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam8_mean vs Slug



Right In: 10.192+/-0.000 χ^2/NDF : 5404636937.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.226+/-0.000 χ^2/NDF : 6342501839.5/13

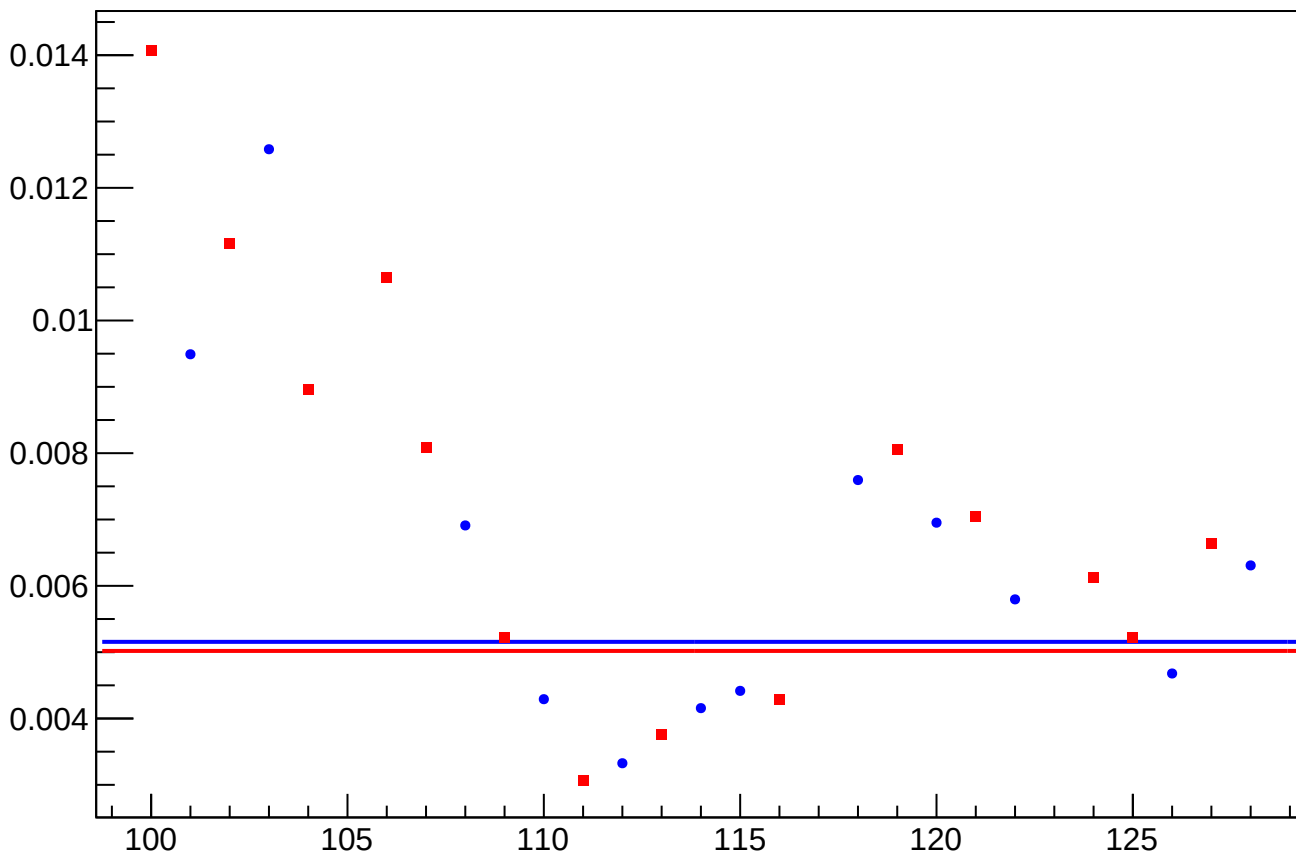
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.210+/-0.000 χ^2/NDF : 11835590125.3

- 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 : 1179087.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1534658.0/13

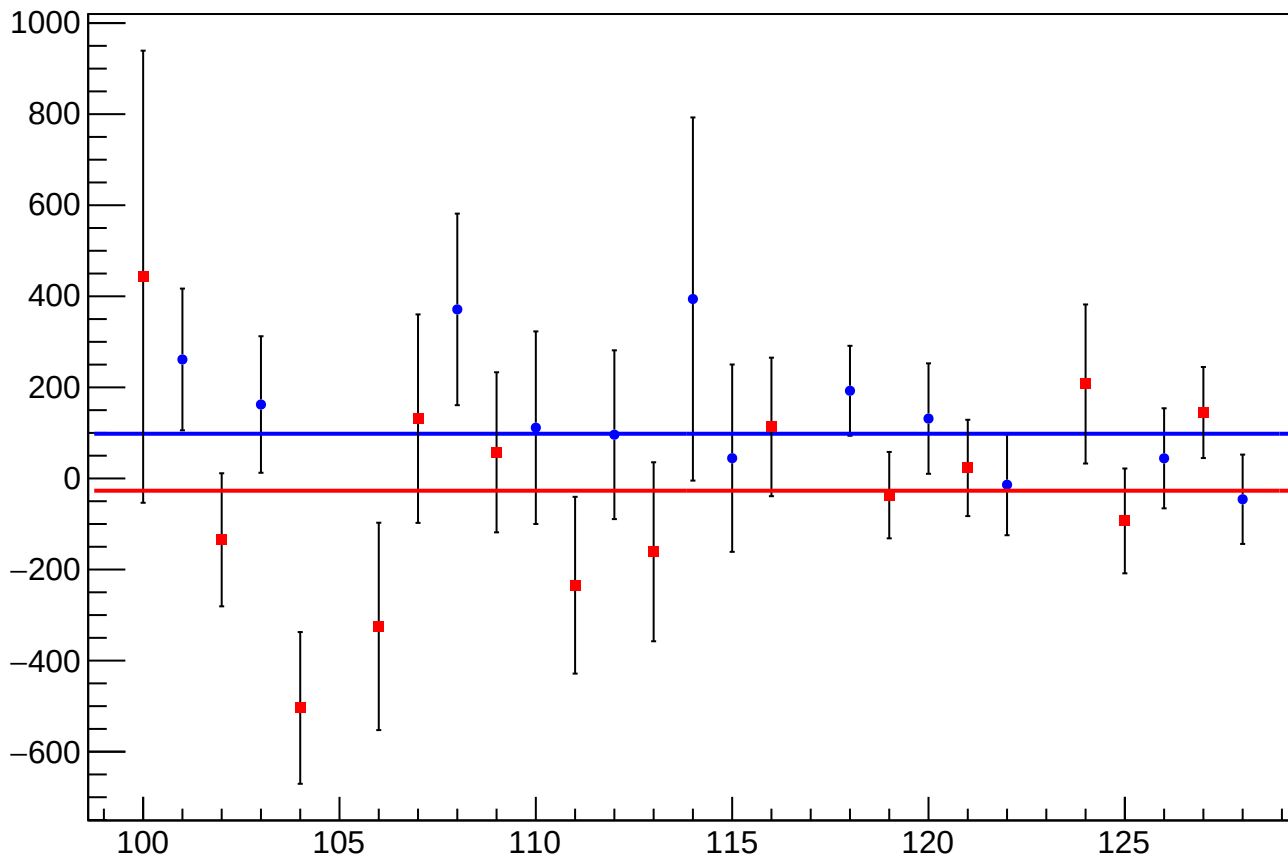
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2716546.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_mean vs Slug



Right In: 98.192+/-39.889 χ^2/NDF : 8.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.912+/-38.864 χ^2/NDF : 19.8/13

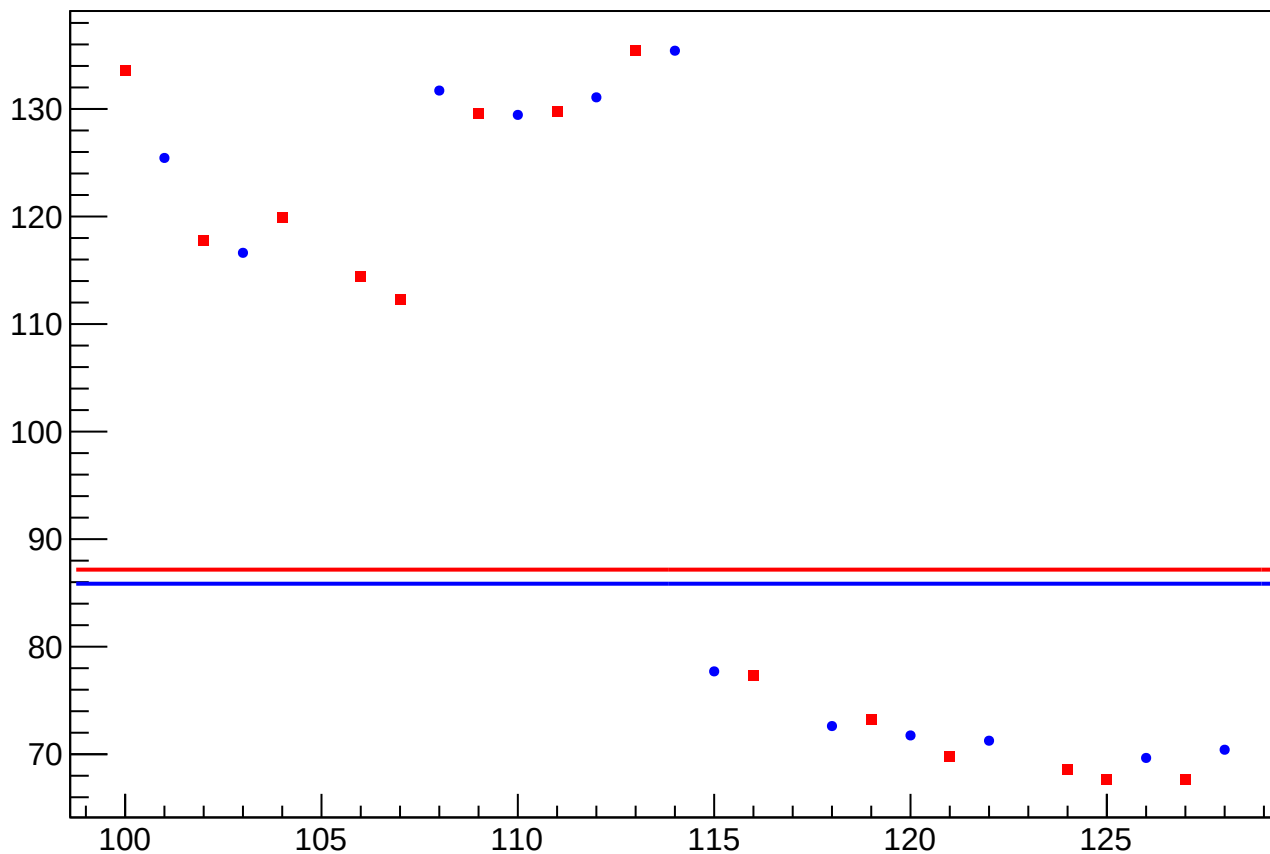
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.012+/-27.836 χ^2/NDF : 32.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_rms vs Slug



Right In: 85.856+/-0.028 χ^2/NDF : 737564.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.165+/-0.027 χ^2/NDF : 830625.7/13

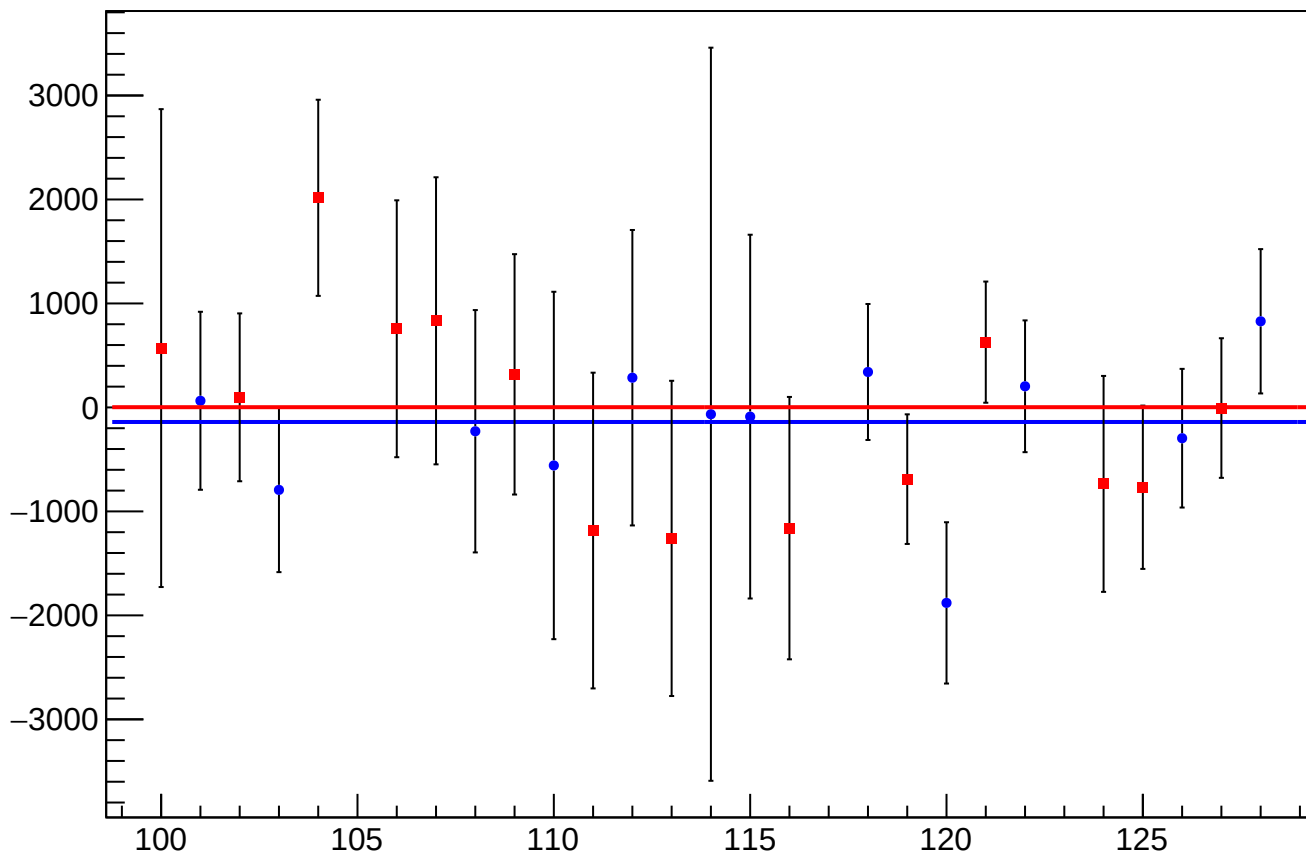
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.527+/-0.020 χ^2/NDF : 1569295.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_reg_correction_mean vs Slug



Right In: -140.080+/-251.768 χ^2/NDF : 8.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.235+/-245.736 χ^2/NDF : 11.4/13

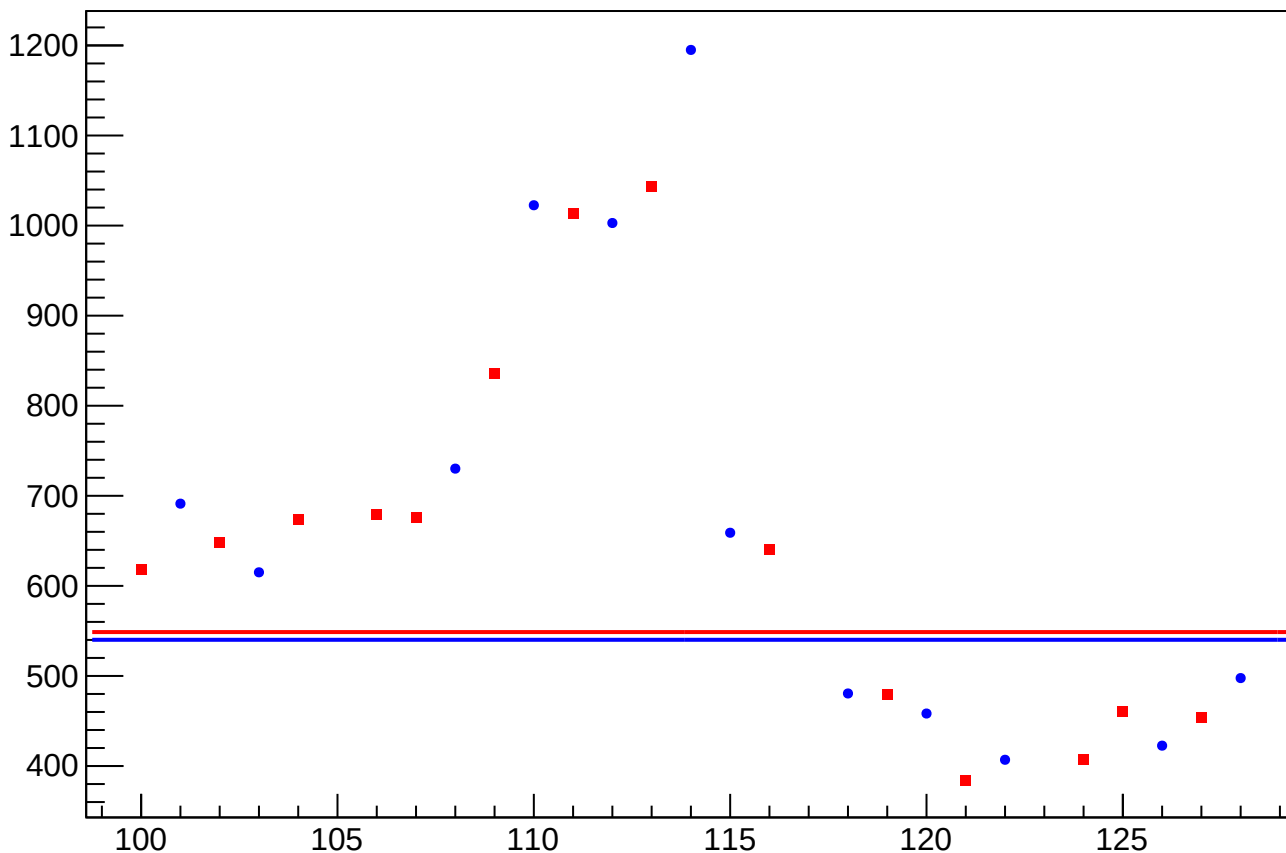
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -67.197+/-175.856 χ^2/NDF : 20.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_reg_correction_rms vs Slug



Right In: 540.141+/-0.178 χ^2/NDF : 787509.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 548.715+/-0.174 χ^2/NDF : 926817.6/13

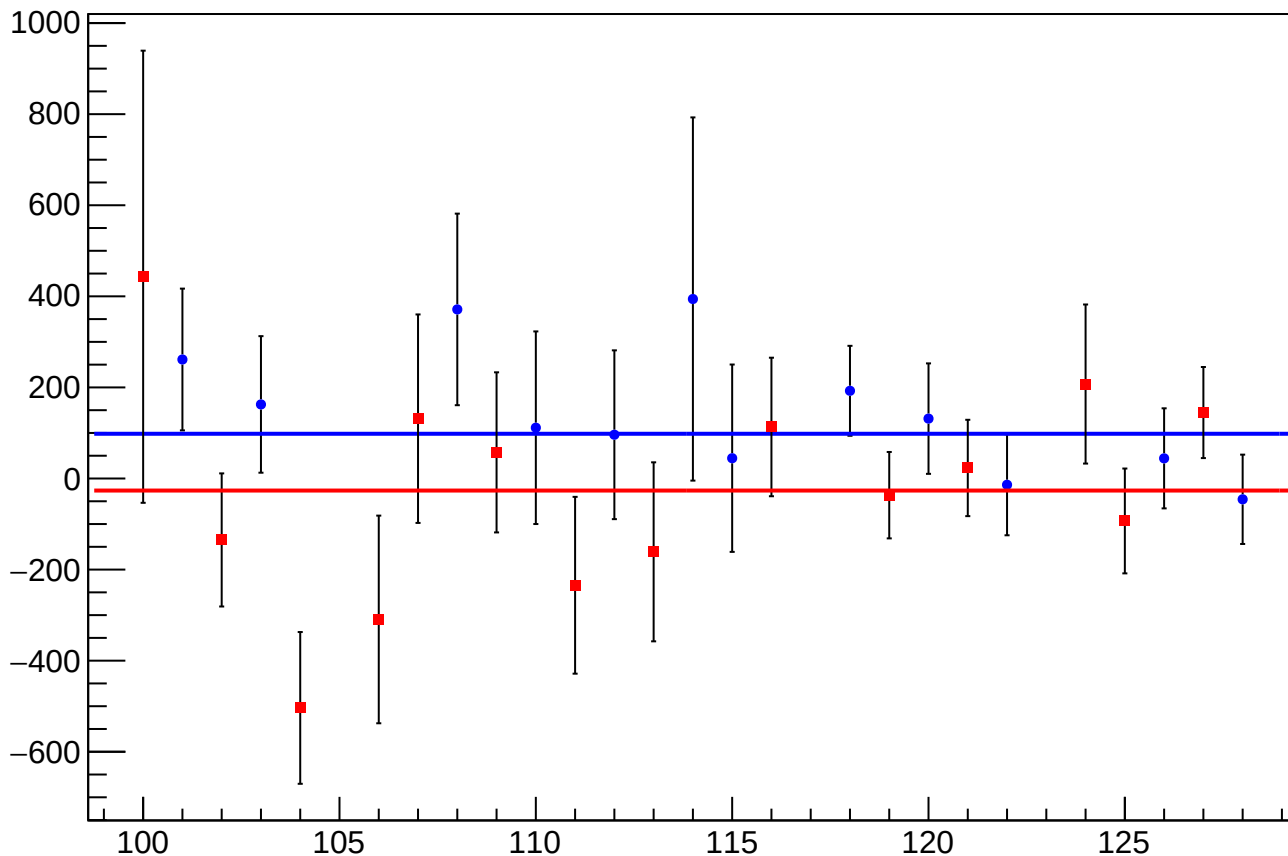
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 544.532+/-0.124 χ^2/NDF : 1715514.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam1_mean vs Slug



Right In: 98.215+/-39.889 χ^2/NDF : 8.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.450+/-38.866 χ^2/NDF : 19.6/13

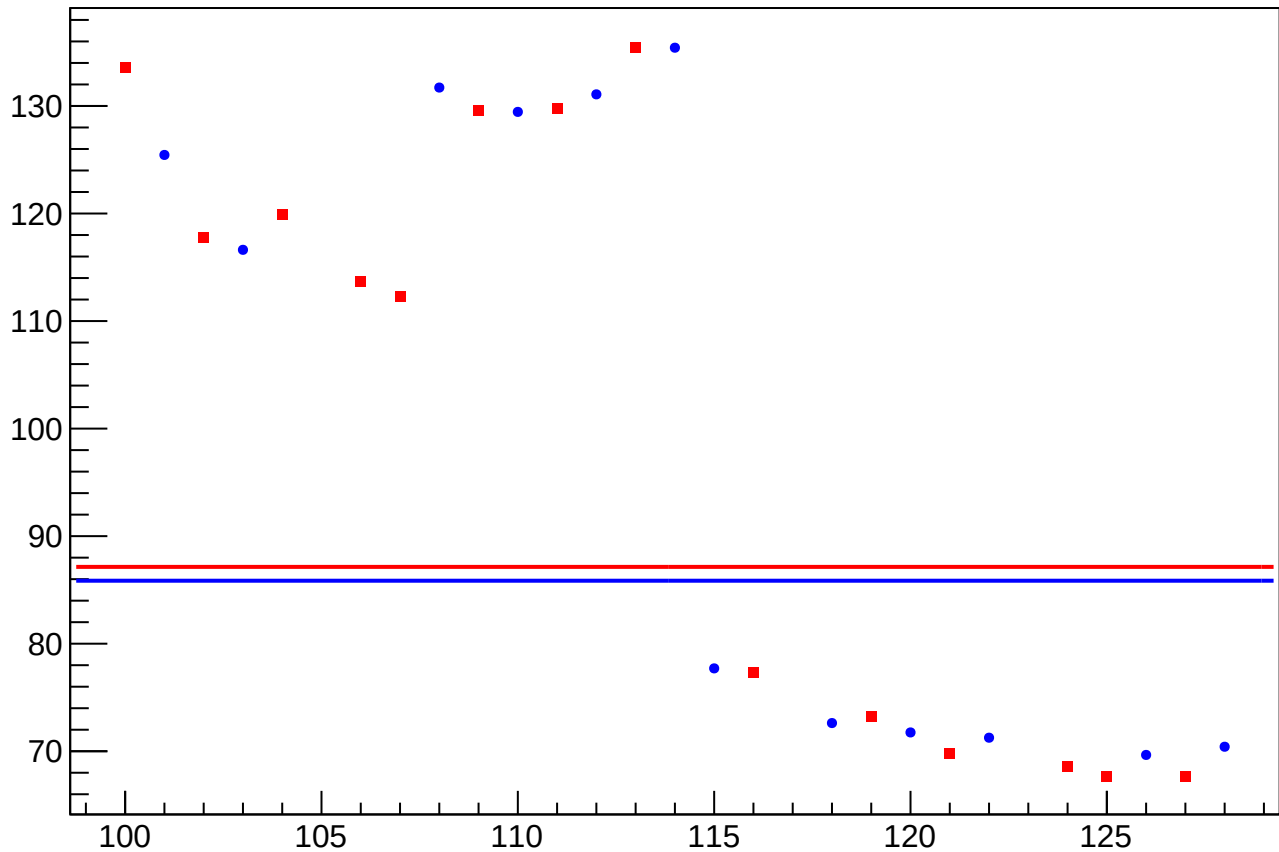
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.264+/-27.837 χ^2/NDF : 32.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam1_rms vs Slug



Right In: 85.856 $\pm$ 0.028 χ^2 /NDF: 737564.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 87.142 $\pm$ 0.027 χ^2 /NDF: 829073.7/13

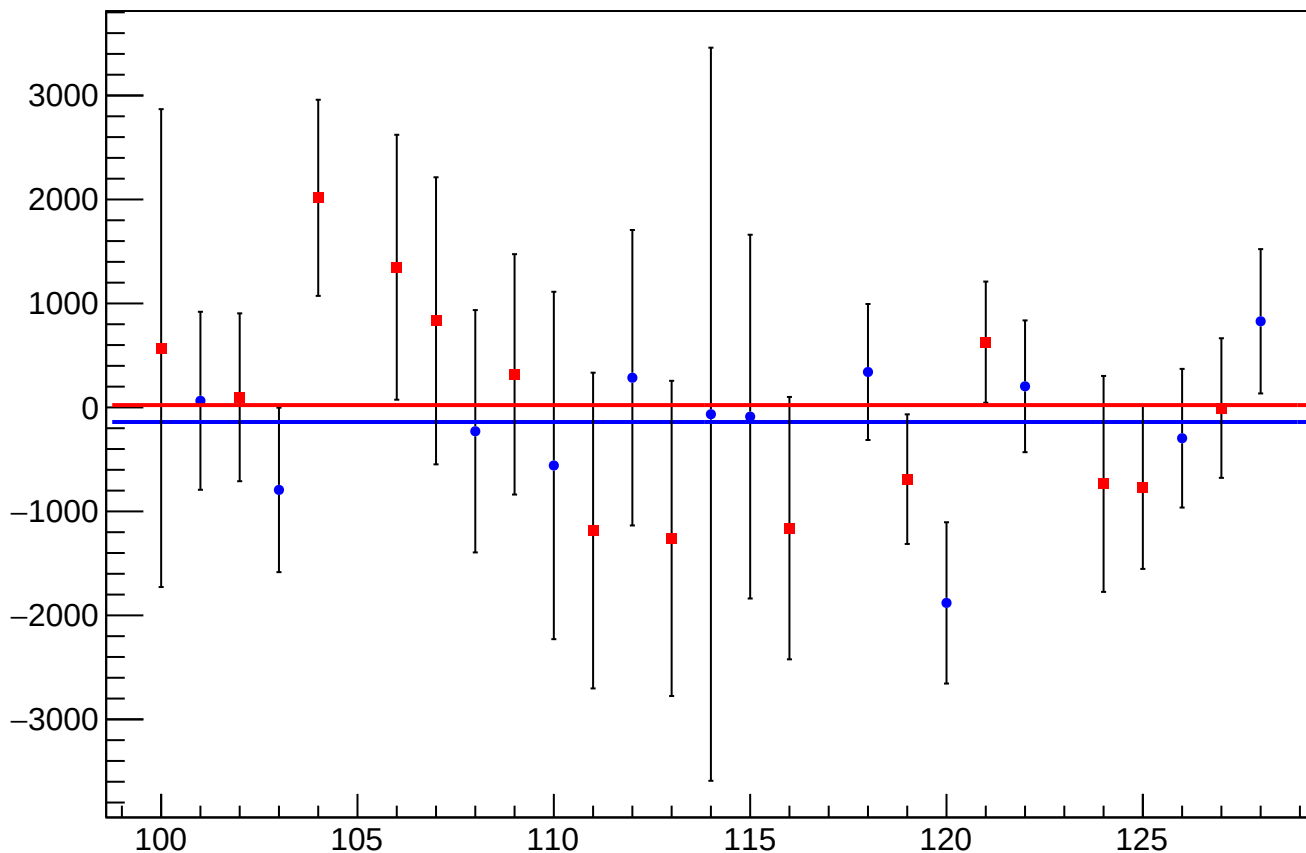
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 86.515 $\pm$ 0.020 χ^2 /NDF: 1567704.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_cor_correction_mean vs Slug



Right In: -140.076 ± 251.768 χ^2/NDF : 8.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 22.554 ± 246.029 χ^2/NDF : 12.2/13

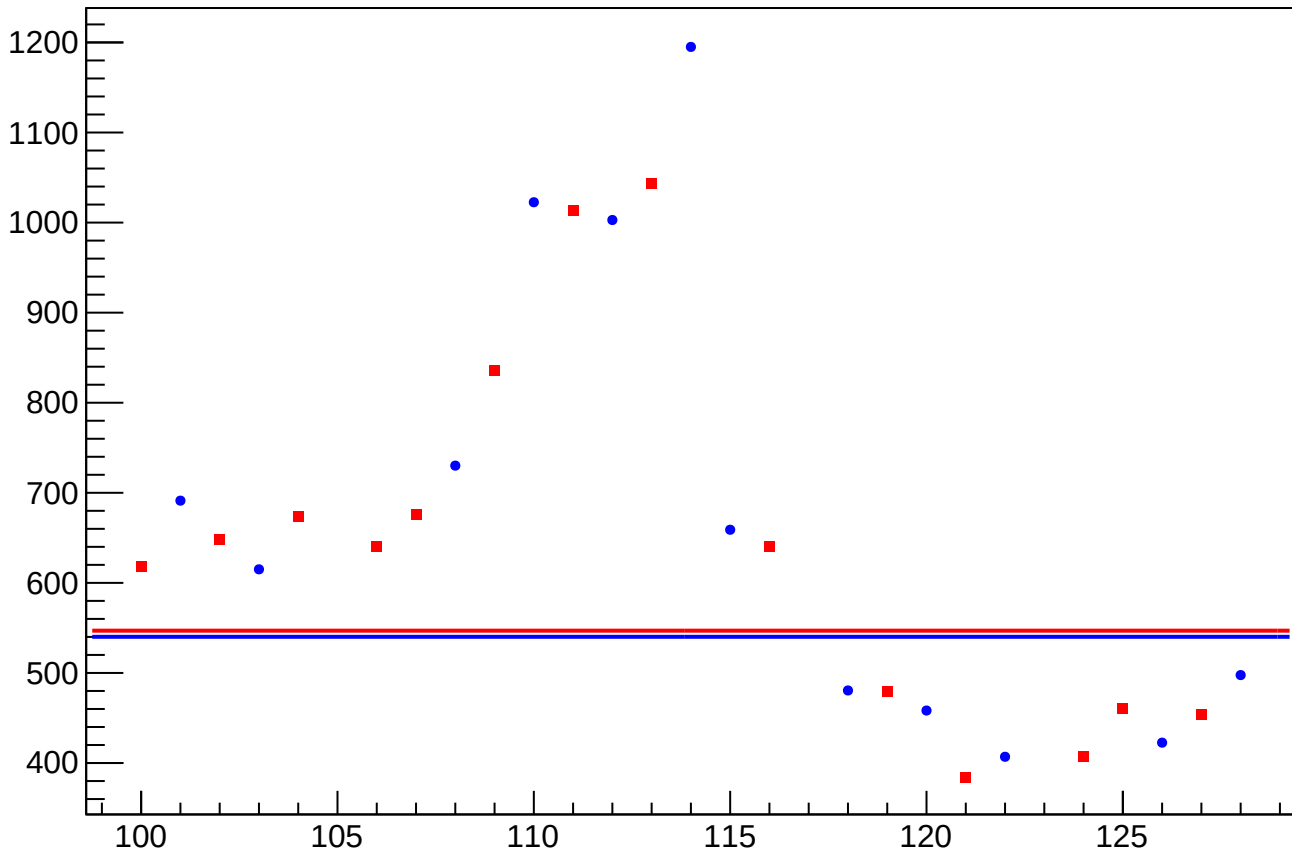
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -56.886 ± 175.963 χ^2/NDF : 21.2/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam1_cor_correction_rms vs Slug



Right In: 540.141+/-0.178 χ^2/NDF : 787509.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 546.940+/-0.174 χ^2/NDF : 914609.5/13

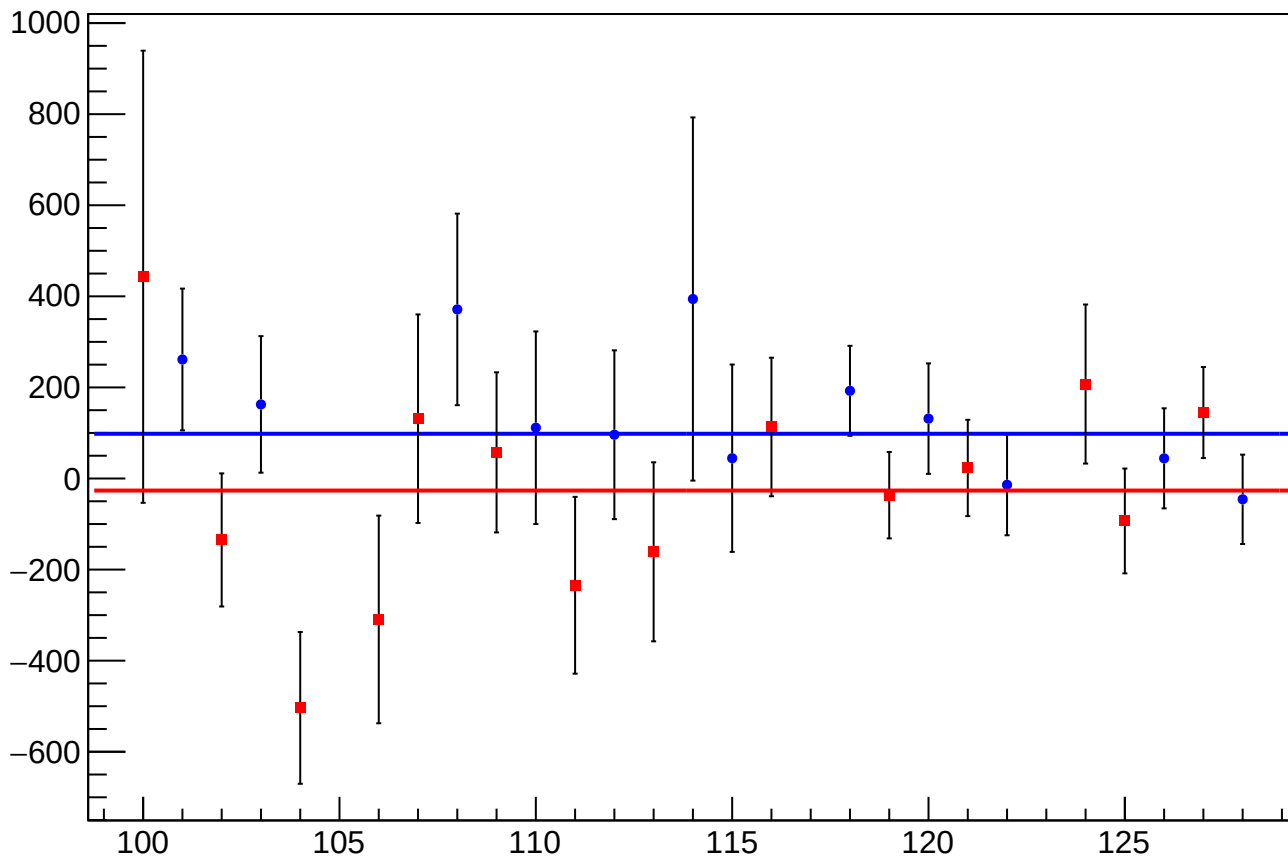
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 543.619+/-0.124 χ^2/NDF : 1702865.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam1_mean vs Slug



Right In: 98.215+/-39.889 χ^2/NDF : 8.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.450+/-38.866 χ^2/NDF : 19.6/13

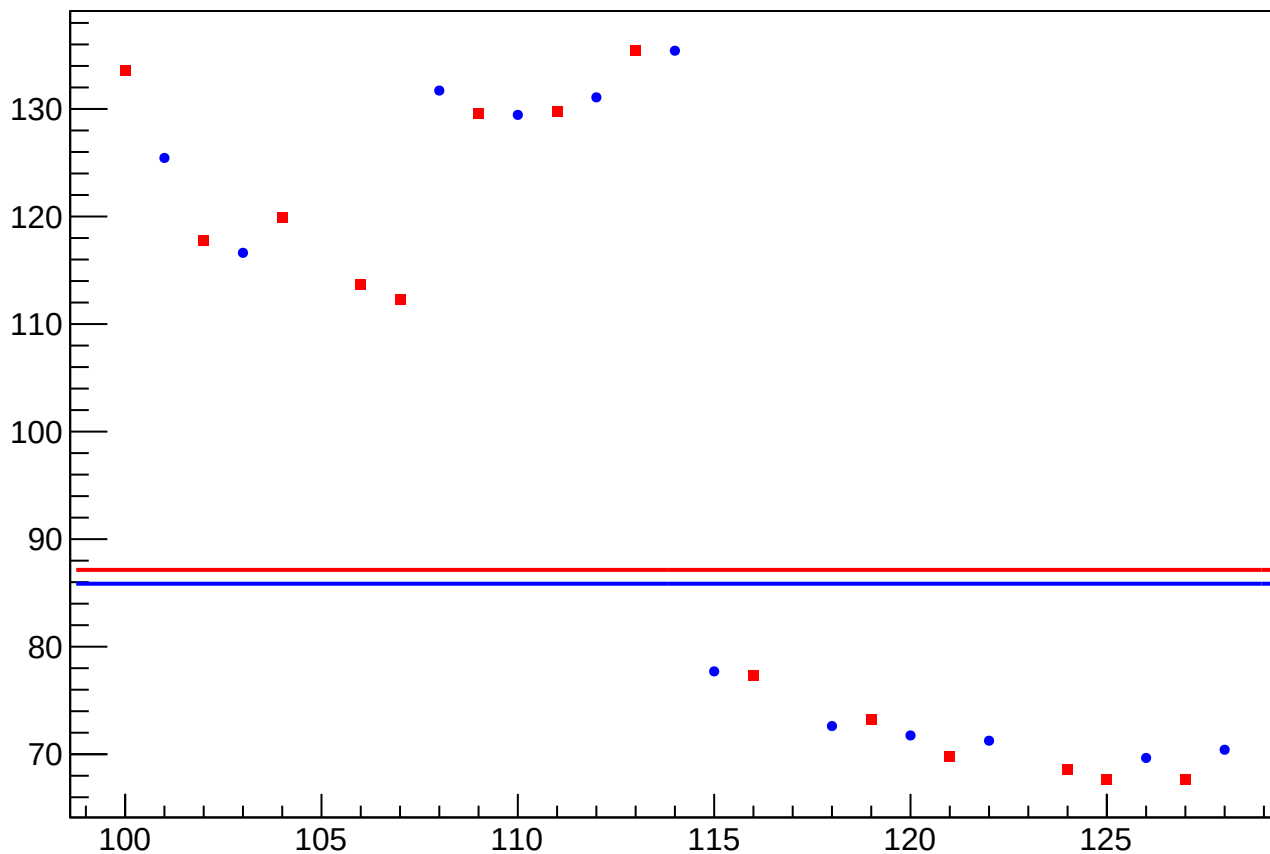
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.264+/-27.837 χ^2/NDF : 32.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam1_rms vs Slug



Right In: 85.856+/-0.028 χ^2/NDF : 737564.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.142+/-0.027 χ^2/NDF : 829073.7/13

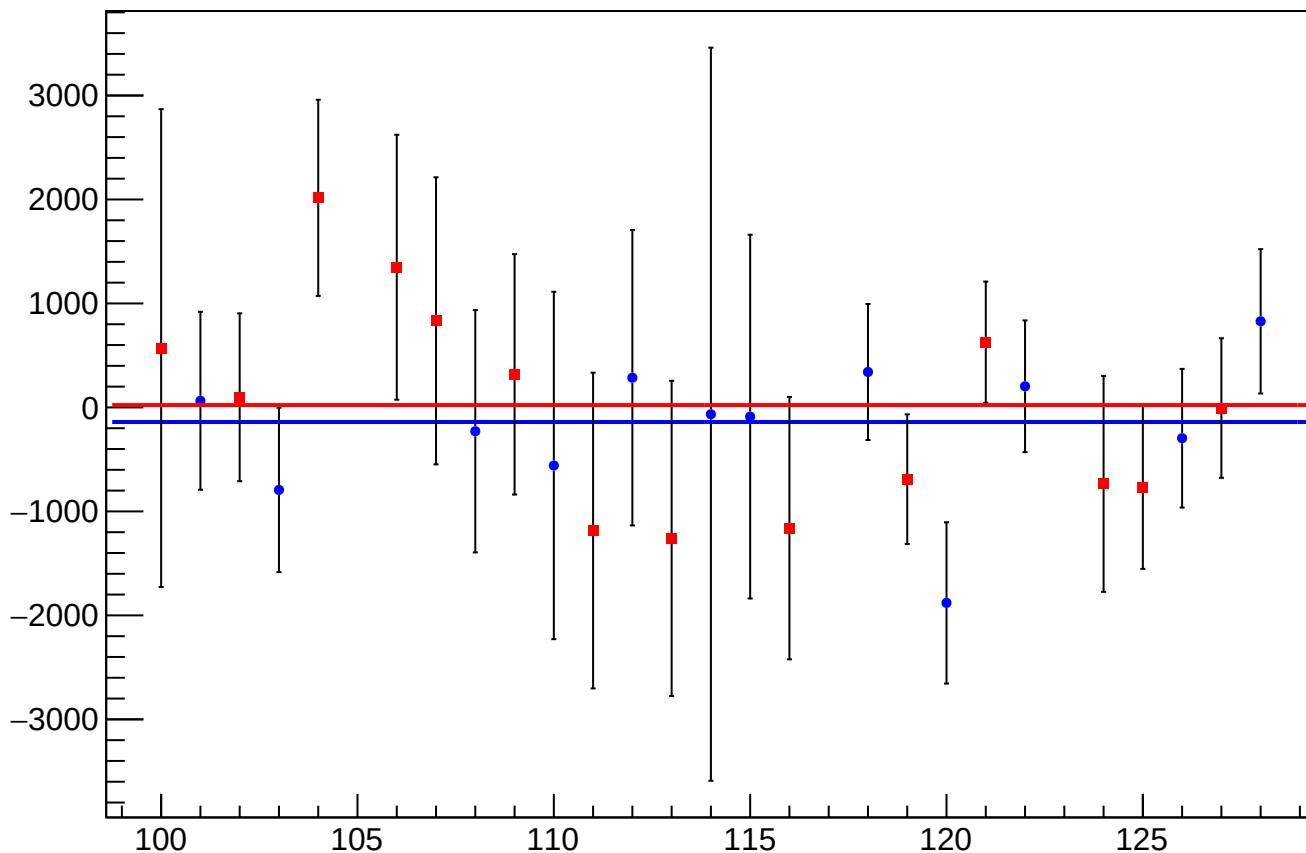
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.515+/-0.020 χ^2/NDF : 1567704.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_cor_correction_mean vs Slug



Right In: -140.076+/-251.768 χ^2/NDF : 8.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.554+/-246.029 χ^2/NDF : 12.2/13

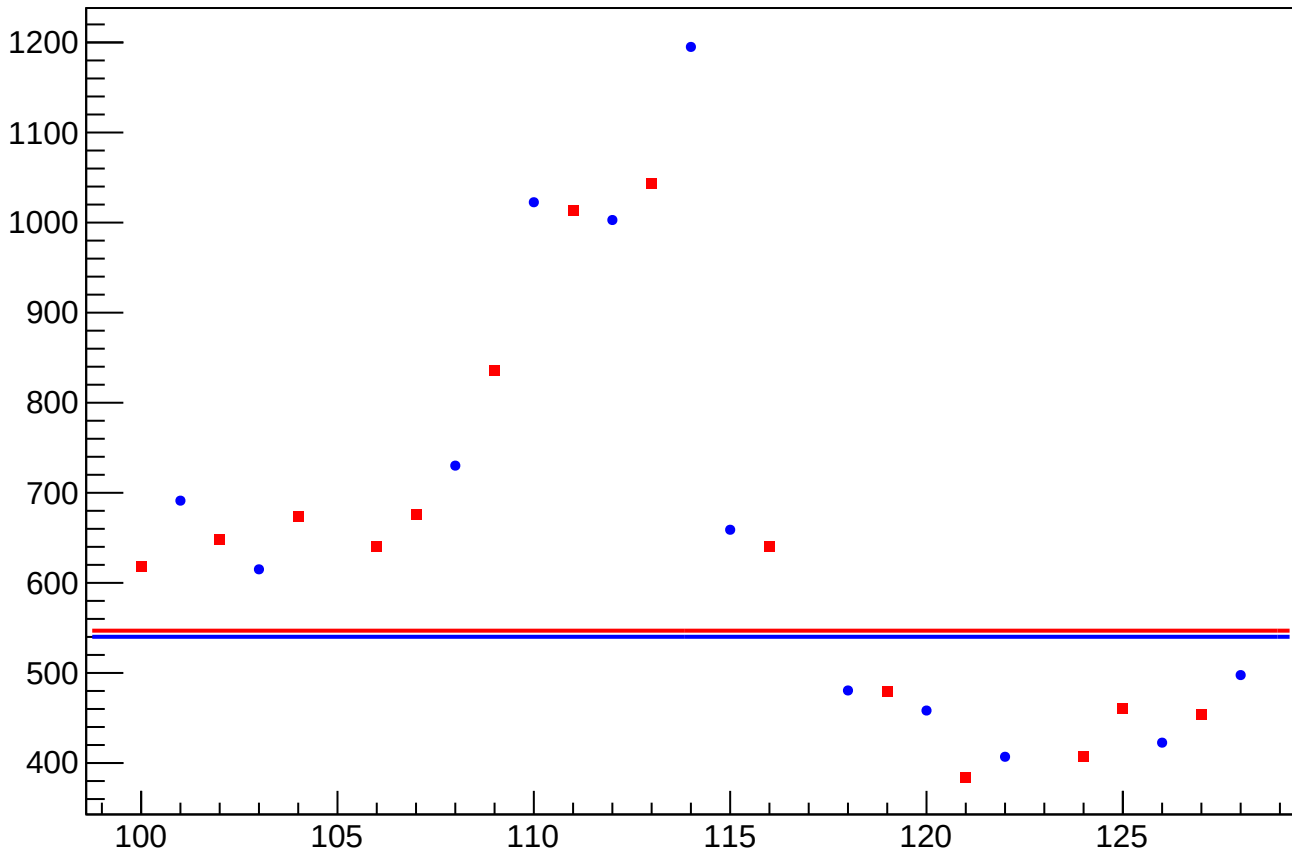
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.886+/-175.963 χ^2/NDF : 21.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_cor_correction_rms vs Slug



Right In: 540.141+/-0.178 χ^2/NDF : 787509.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 546.940+/-0.174 χ^2/NDF : 914609.5/13

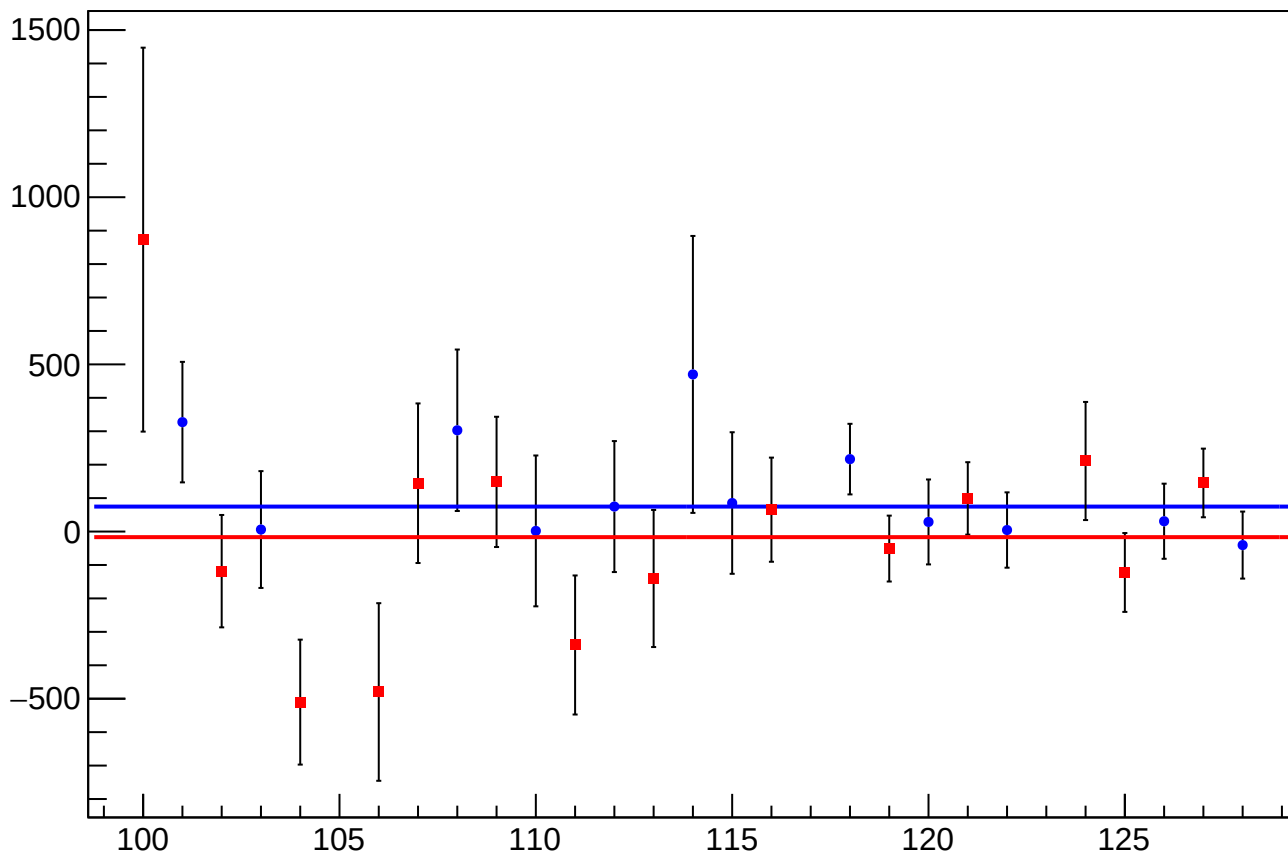
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 543.619+/-0.124 χ^2/NDF : 1702865.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam1_mean vs Slug



Right In: 74.664 $\pm$ 42.117 χ^2 /NDF: 7.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -16.732 $\pm$ 40.816 χ^2 /NDF: 23.2/13

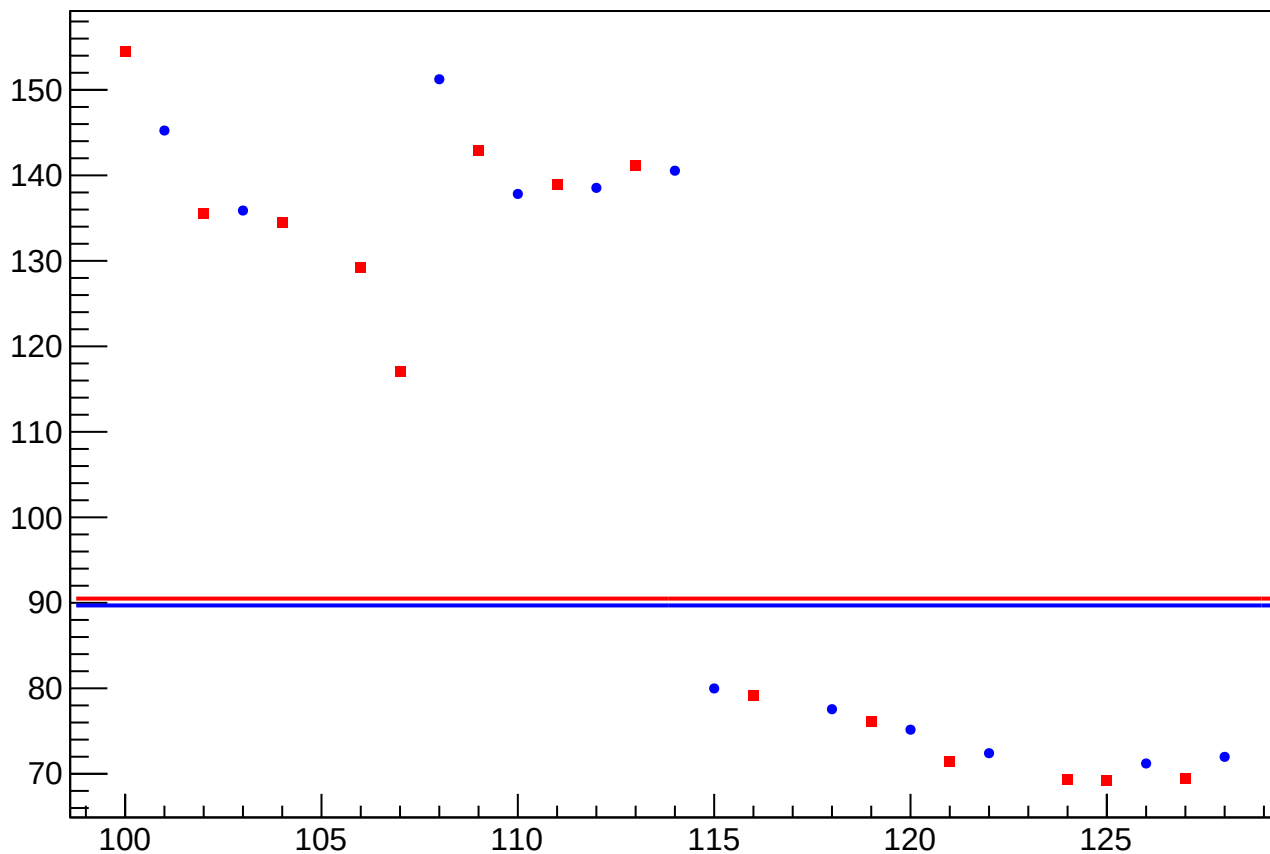
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.532 $\pm$ 29.311 χ^2 /NDF: 33.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam1_rms vs Slug



Right In: 89.694 $\pm$ 0.030 χ^2 /NDF: 925670.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 90.496 $\pm$ 0.029 χ^2 /NDF: 1014208.4/13

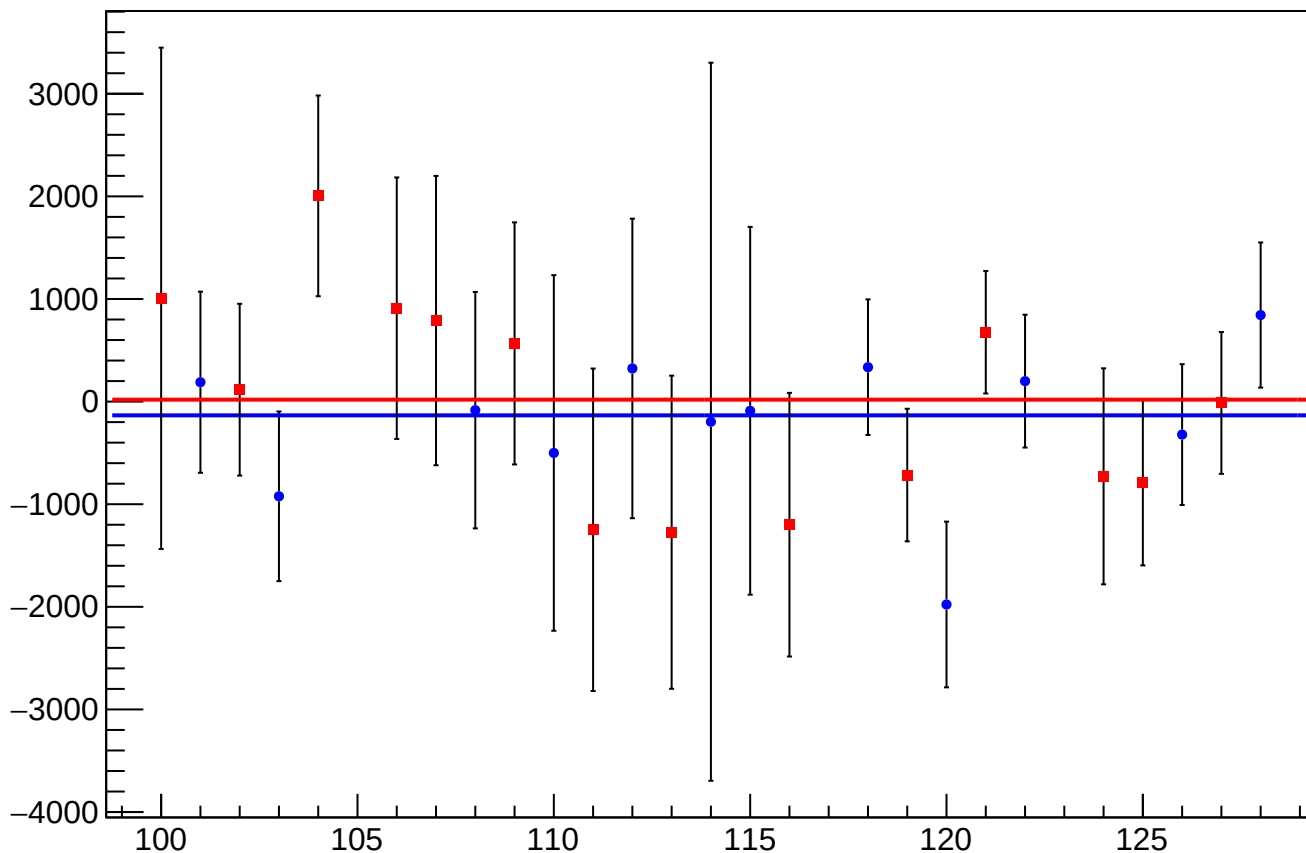
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 90.108 $\pm$ 0.021 χ^2 /NDF: 1940253.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_dit_correction_mean vs Slug



Right In: -133.987 ± 257.943 χ^2/NDF : 9.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 19.003 ± 252.760 χ^2/NDF : 11.6/13

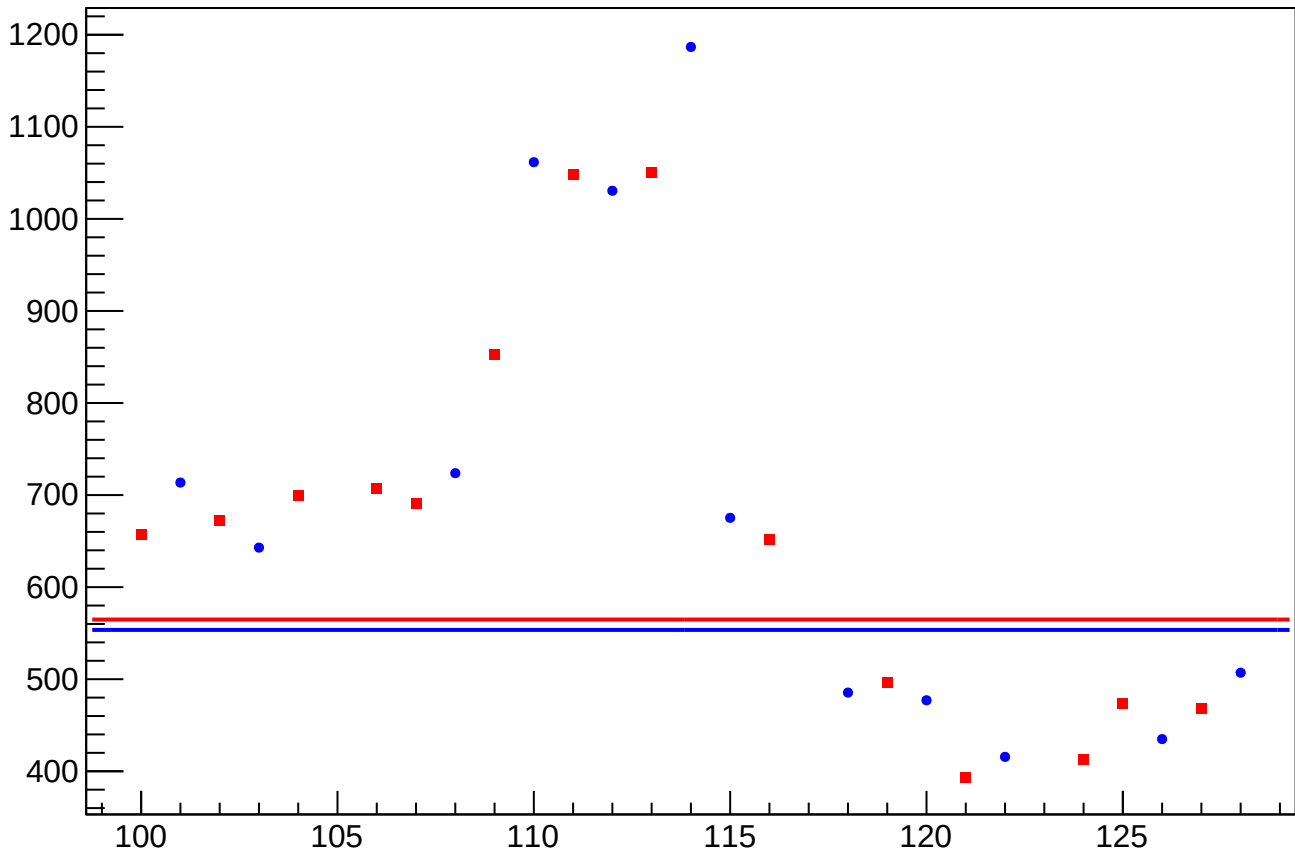
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -55.939 ± 180.533 χ^2/NDF : 20.9/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam1_dit_correction_rms vs Slug



Right In: 553.542 $\pm$ 0.182 χ^2 /NDF: 791367.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 564.794 $\pm$ 0.179 χ^2 /NDF: 928449.2/13

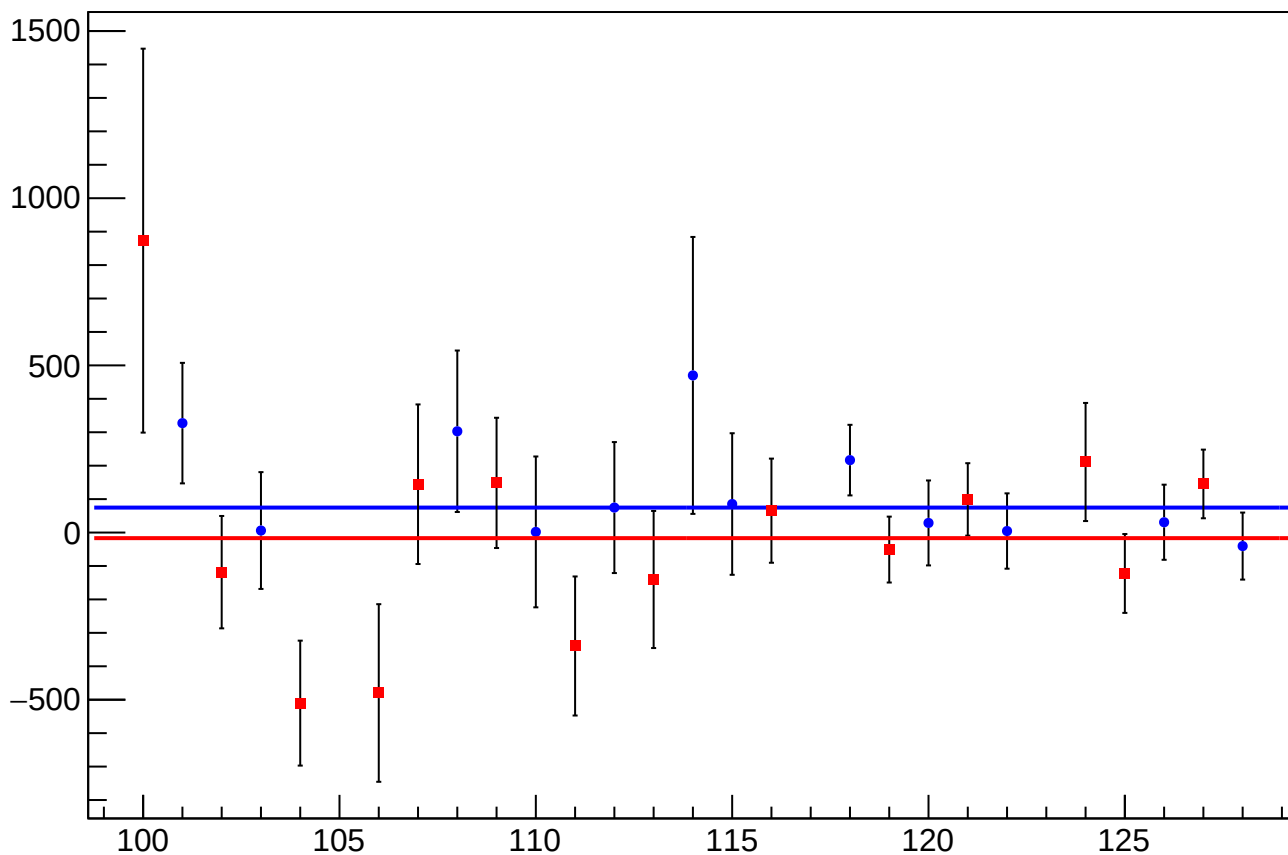
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 559.282 $\pm$ 0.128 χ^2 /NDF: 1721758.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam1_mean vs Slug



Right In: 74.664 $\pm$ 42.117 χ^2 /NDF: 7.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -16.731 $\pm$ 40.816 χ^2 /NDF: 23.2/13

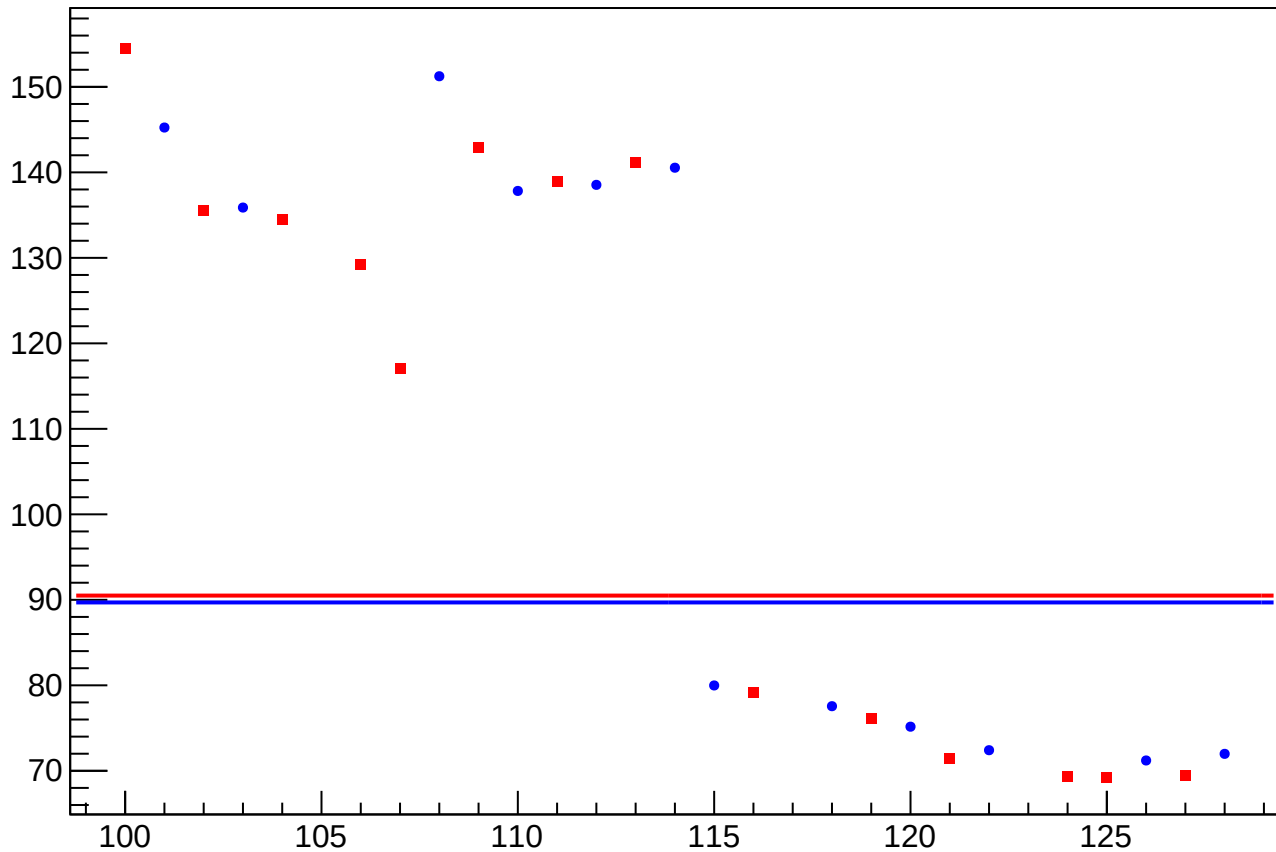
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.533 $\pm$ 29.311 χ^2 /NDF: 33.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam1_rms vs Slug



Right In: 89.694+/-0.030 χ^2/NDF : 925671.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.496+/-0.029 χ^2/NDF : 1014208.3/13

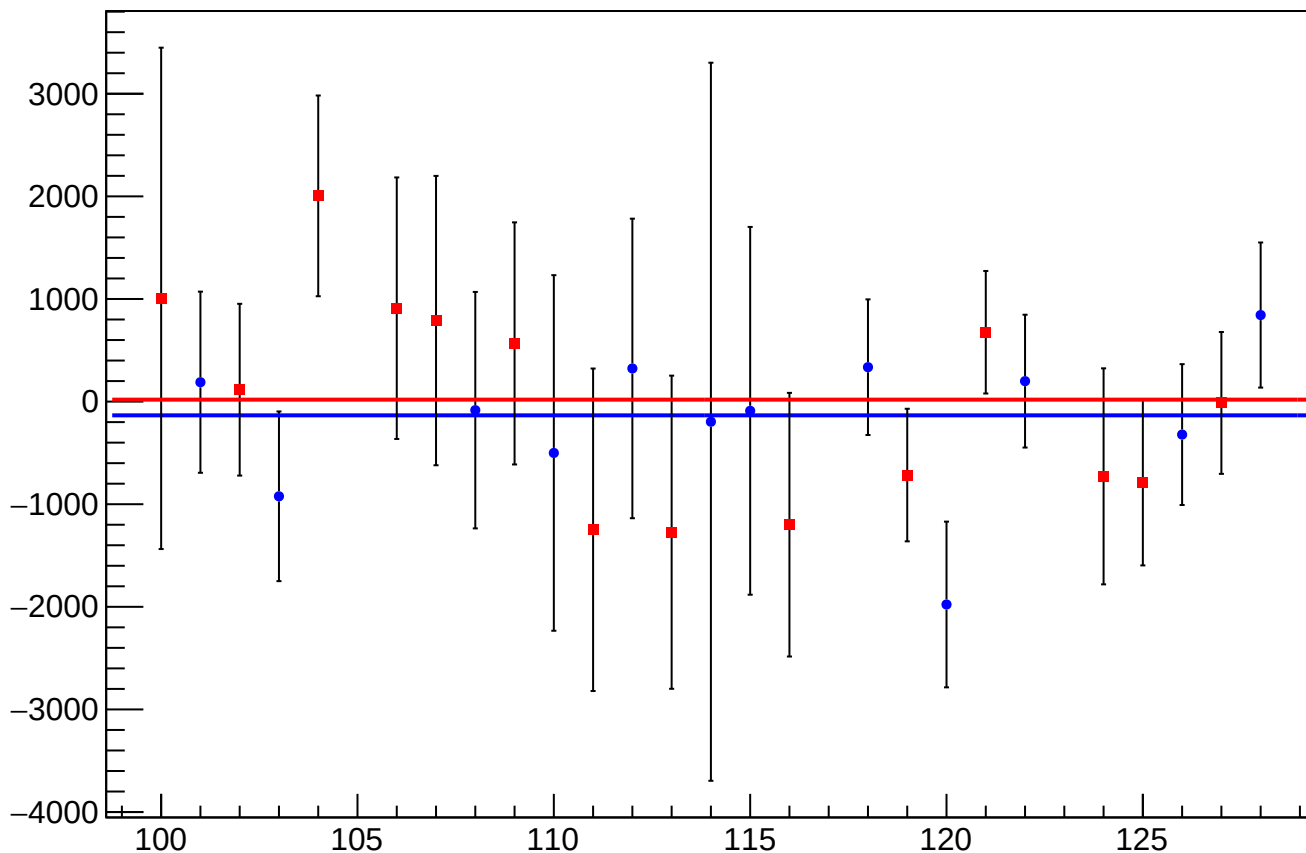
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.108+/-0.021 χ^2/NDF : 1940253.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_dit_correction_mean vs Slug



Right In: -133.987+/-257.943 χ^2/NDF : 9.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.003+/-252.760 χ^2/NDF : 11.6/13

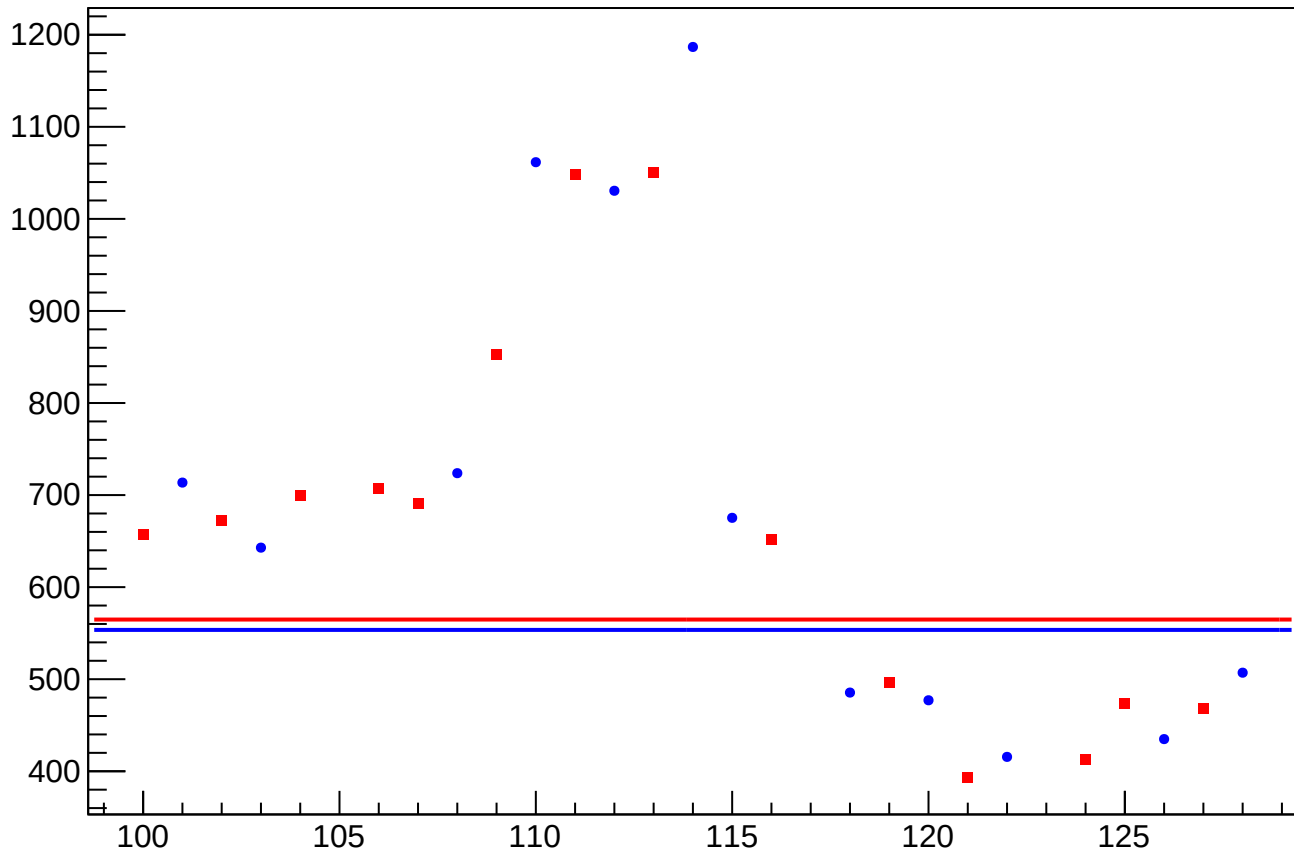
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.939+/-180.533 χ^2/NDF : 20.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_dit_correction_rms vs Slug



Right In: 553.541+/-0.182 χ^2/NDF : 791368.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 564.793+/-0.179 χ^2/NDF : 928450.5/13

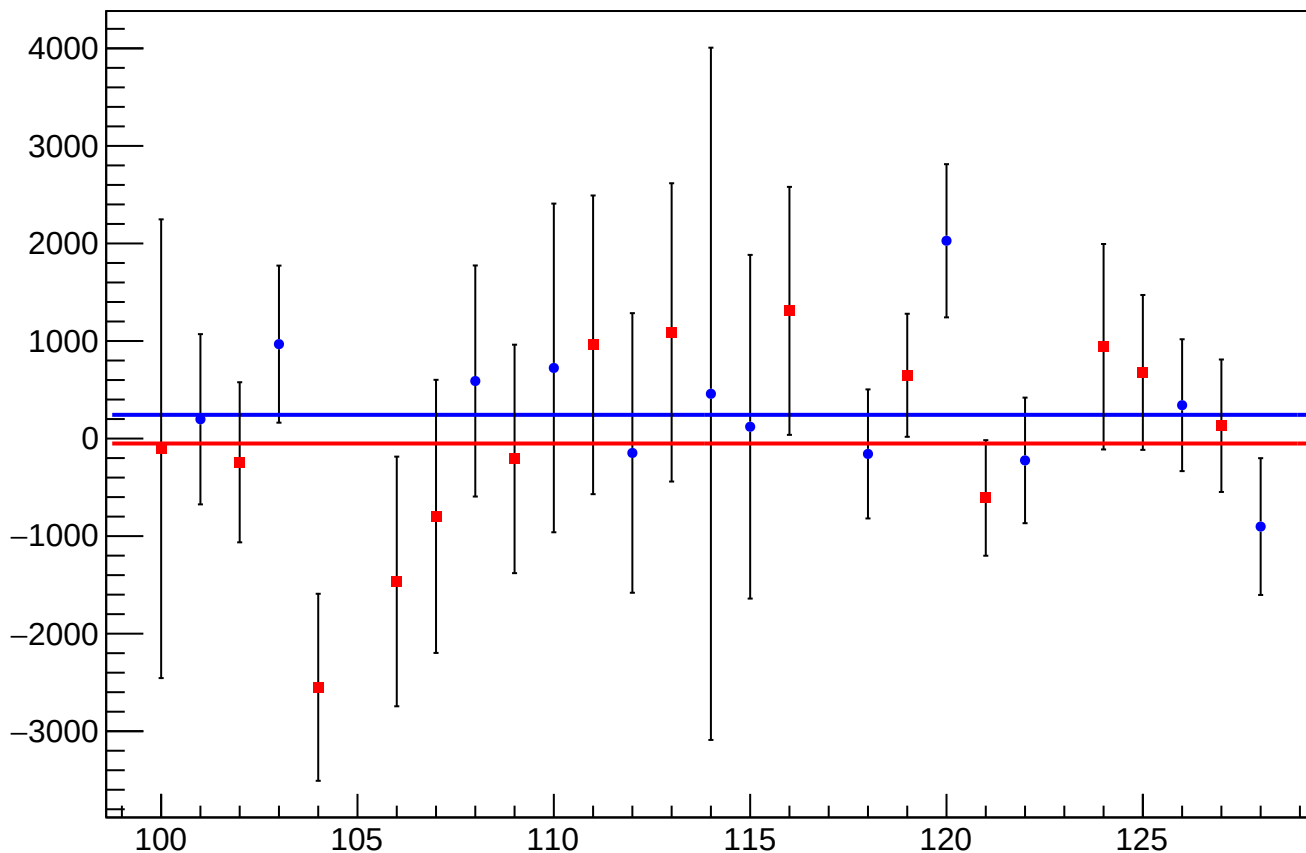
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 559.281+/-0.128 χ^2/NDF : 1721760.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_mean vs Slug



Right In: 243.246 $\pm$ 255.197 χ^2 /NDF: 9.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -50.718 $\pm$ 249.221 χ^2 /NDF: 14.4/13

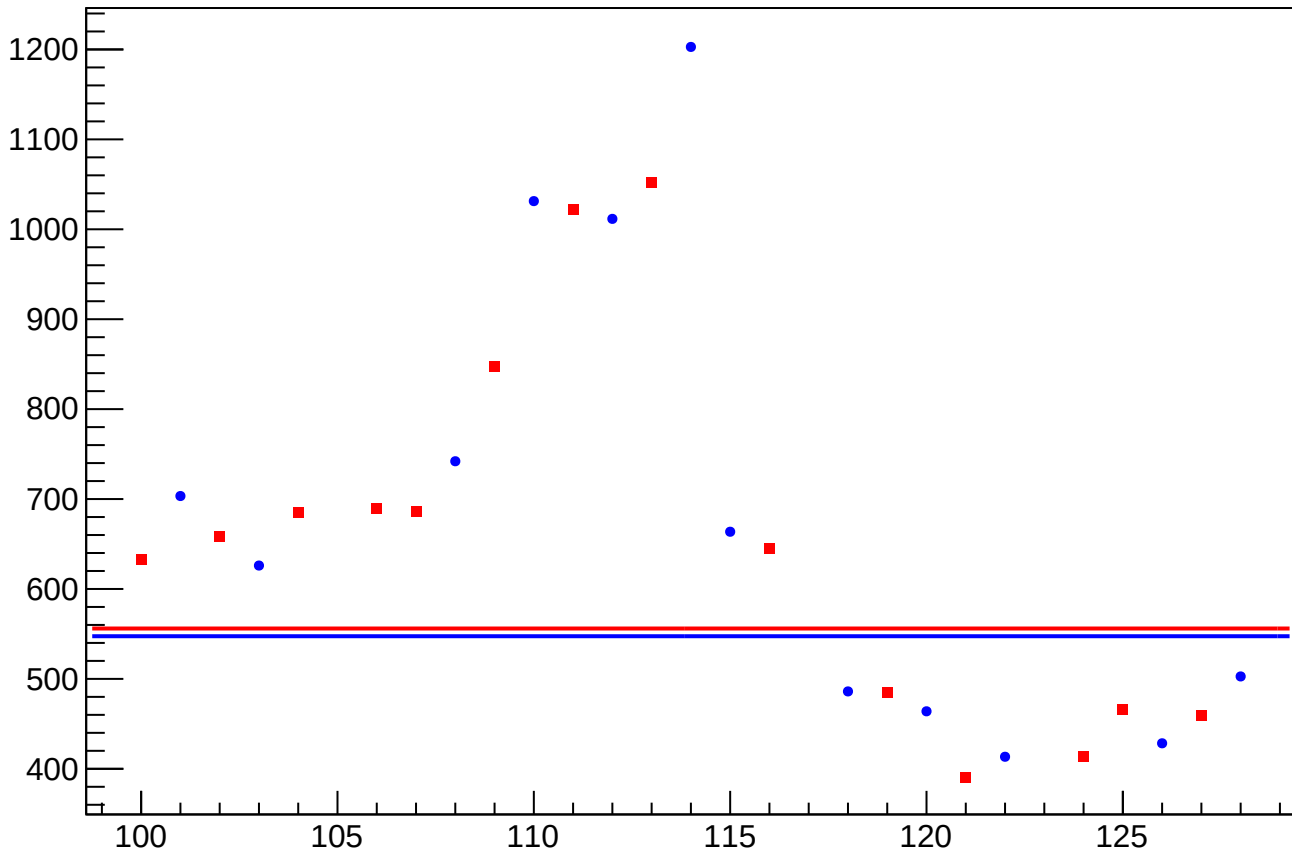
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 92.782 $\pm$ 178.301 χ^2 /NDF: 24.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_rms vs Slug



Right In: 547.443+/-0.180 χ^2/NDF : 785418.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 556.022+/-0.176 χ^2/NDF : 922527.7/13

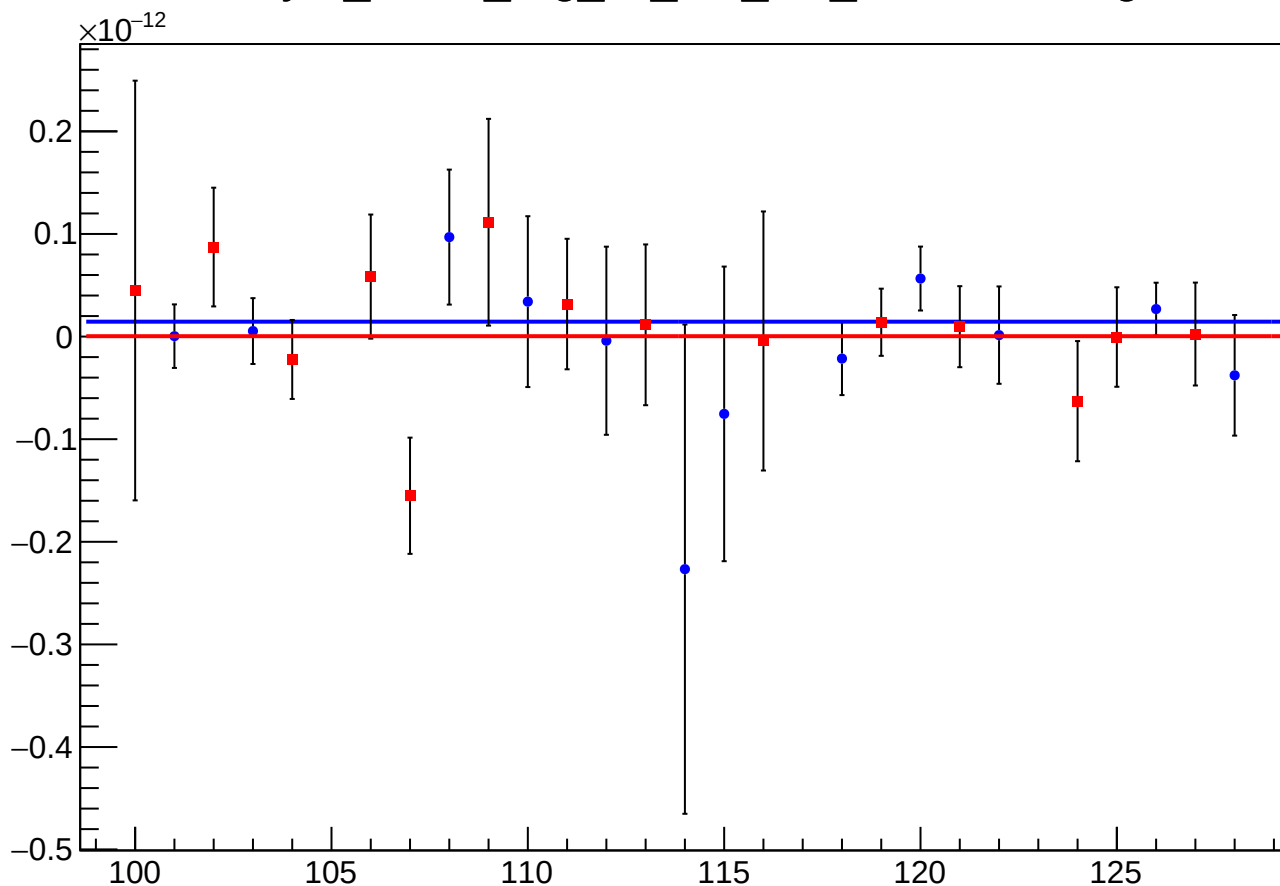
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 551.834+/-0.126 χ^2/NDF : 1709103.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.0/13

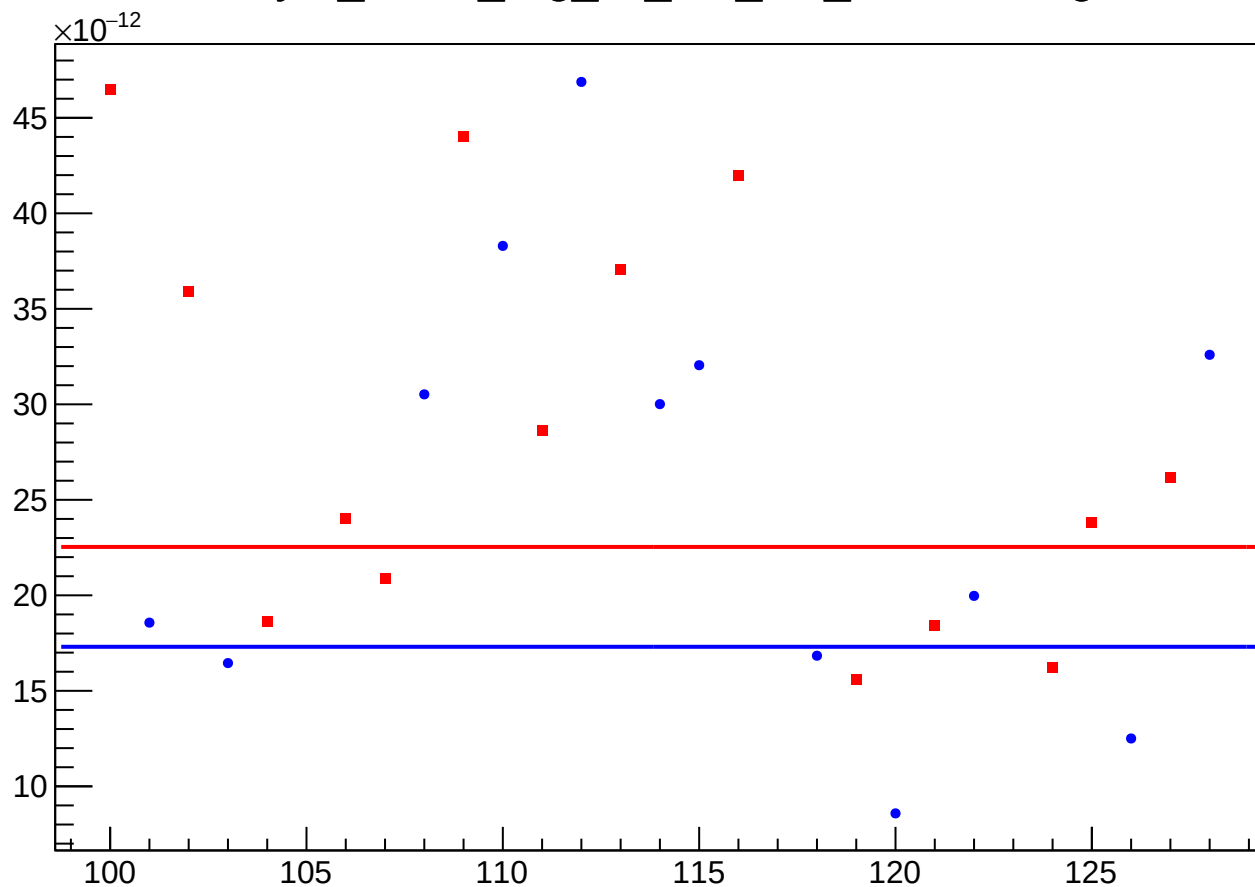
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 21.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 816299.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 530898.7/13

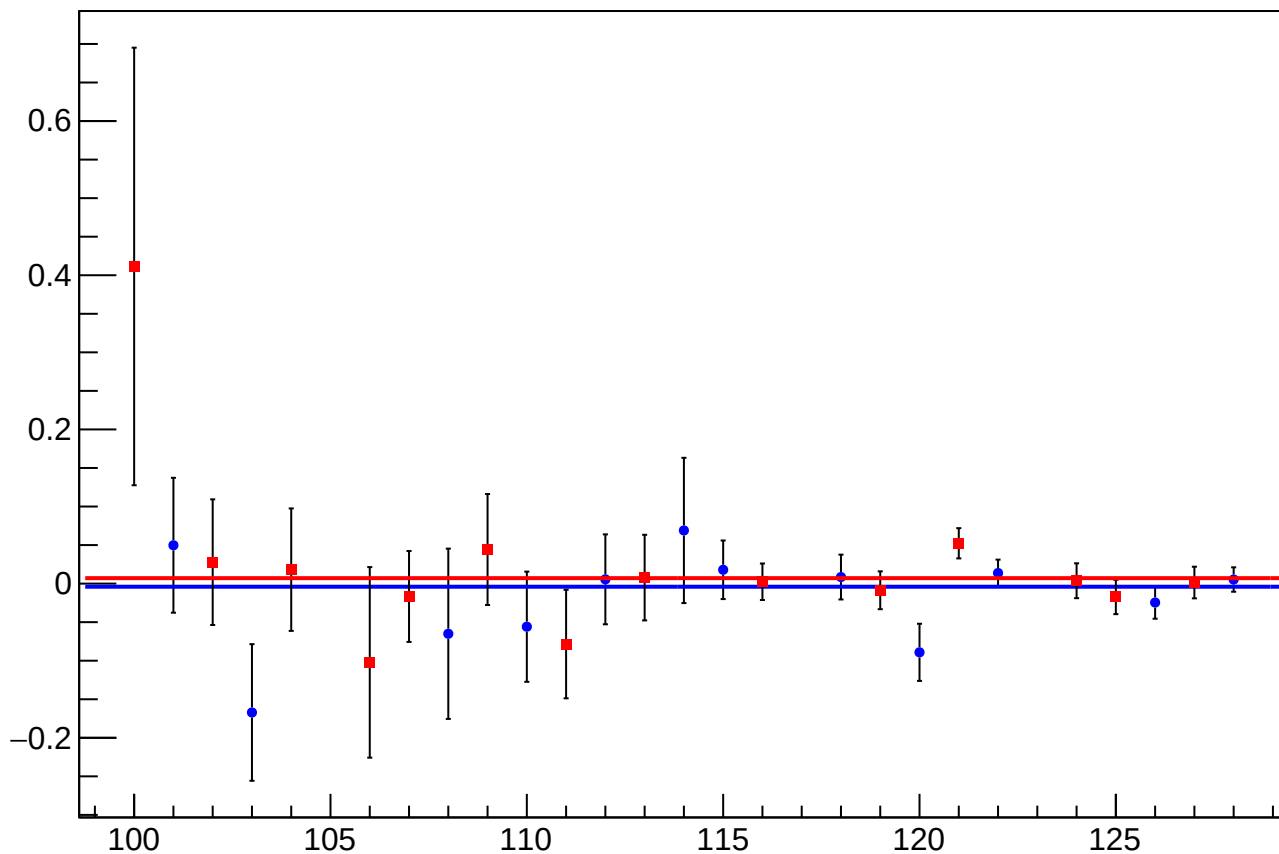
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1500374.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_dit_vs_cor_diff_mean vs Slug



Right In: -0.004 $\pm$ 0.009 χ^2 /NDF: 13.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.009 χ^2 /NDF: 11.9/13

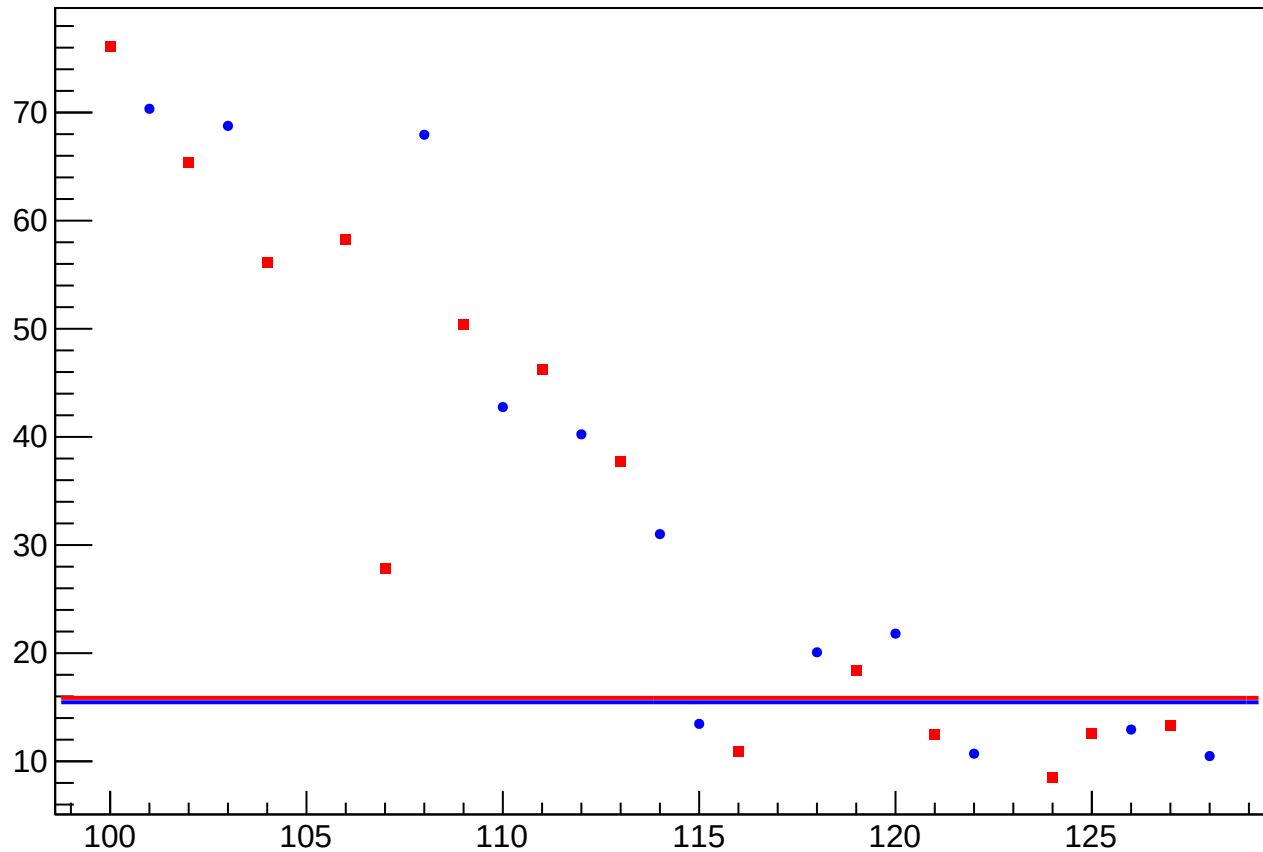
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.006 χ^2 /NDF: 26.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_dit_vs_cor_diff_rms vs Slug



Right In: 15.458 $\pm$ 0.006 χ^2 /NDF: 3161695.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 15.867 $\pm$ 0.006 χ^2 /NDF: 3257326.4/13

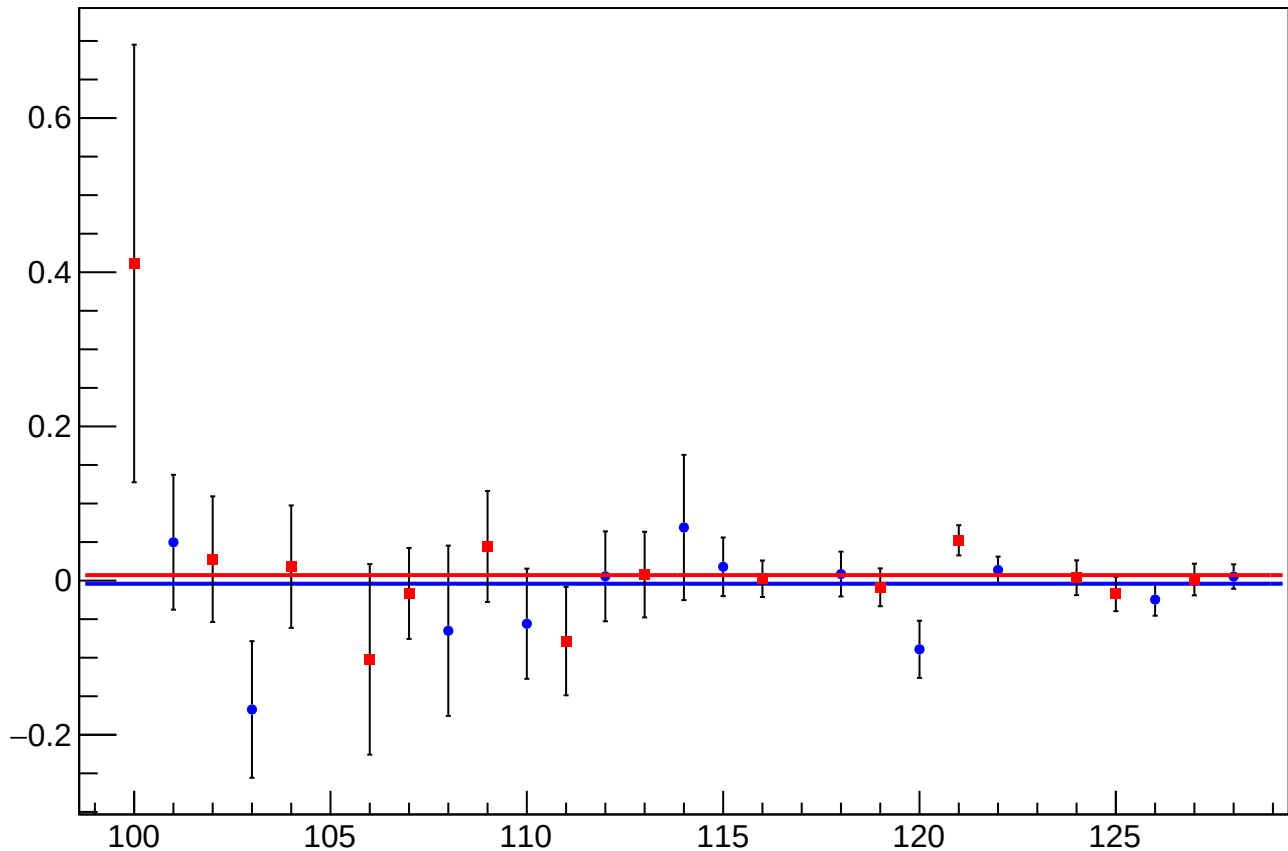
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 15.667 $\pm$ 0.004 χ^2 /NDF: 6421269.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.004 ± 0.009 χ^2/NDF : 13.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.007 ± 0.009 χ^2/NDF : 11.9/13

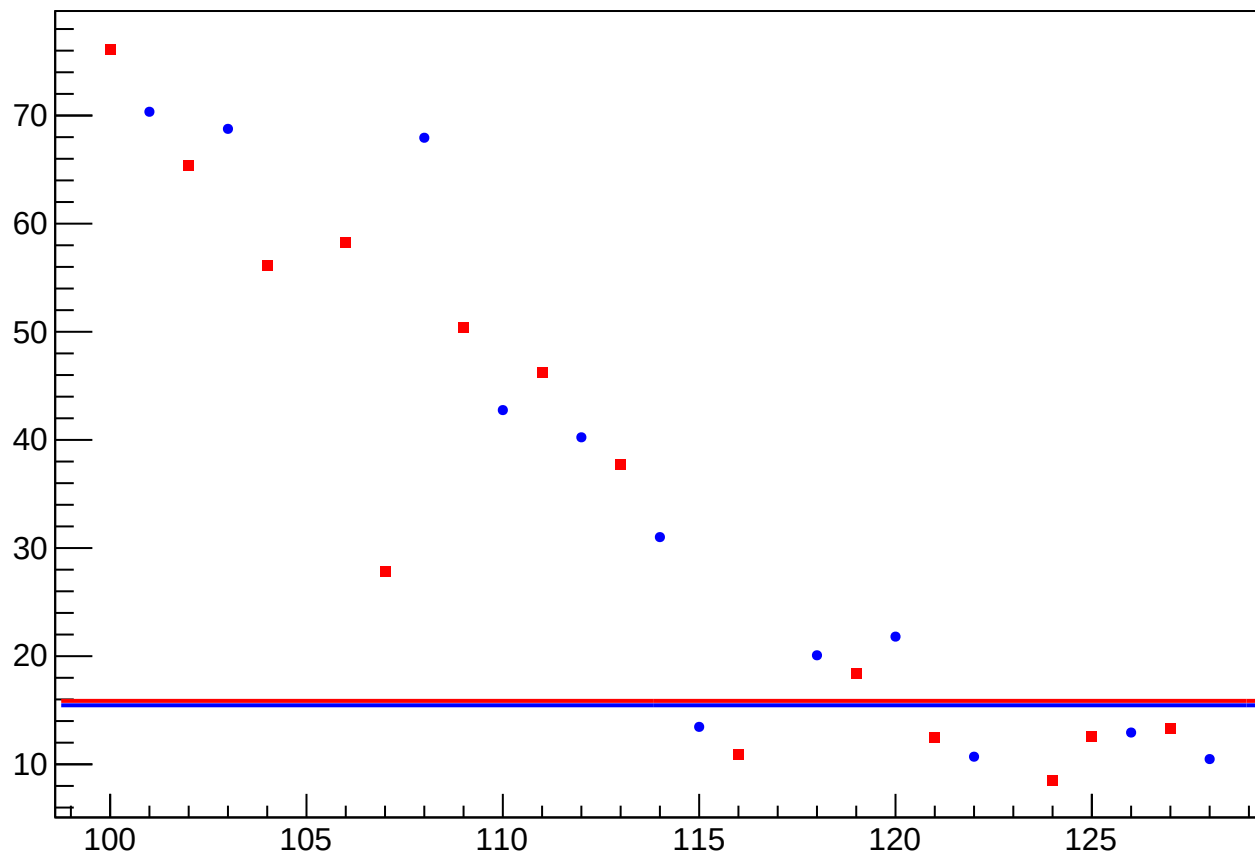
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.006 χ^2/NDF : 26.1/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam1_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 15.458+/-0.006 χ^2/NDF : 3161695.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.867+/-0.006 χ^2/NDF : 3257326.4/13

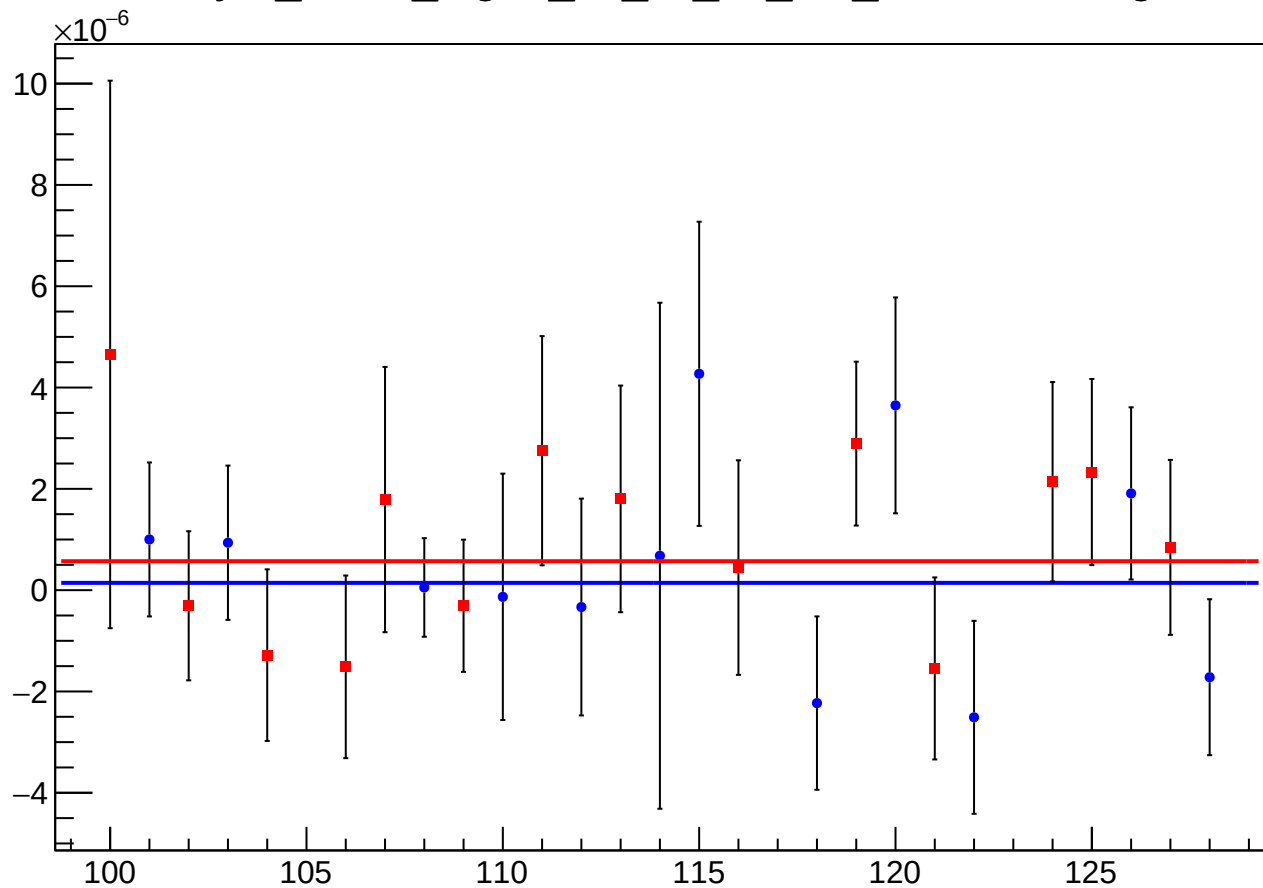
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.667+/-0.004 χ^2/NDF : 6421269.1/25

- 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: 11.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.4/13

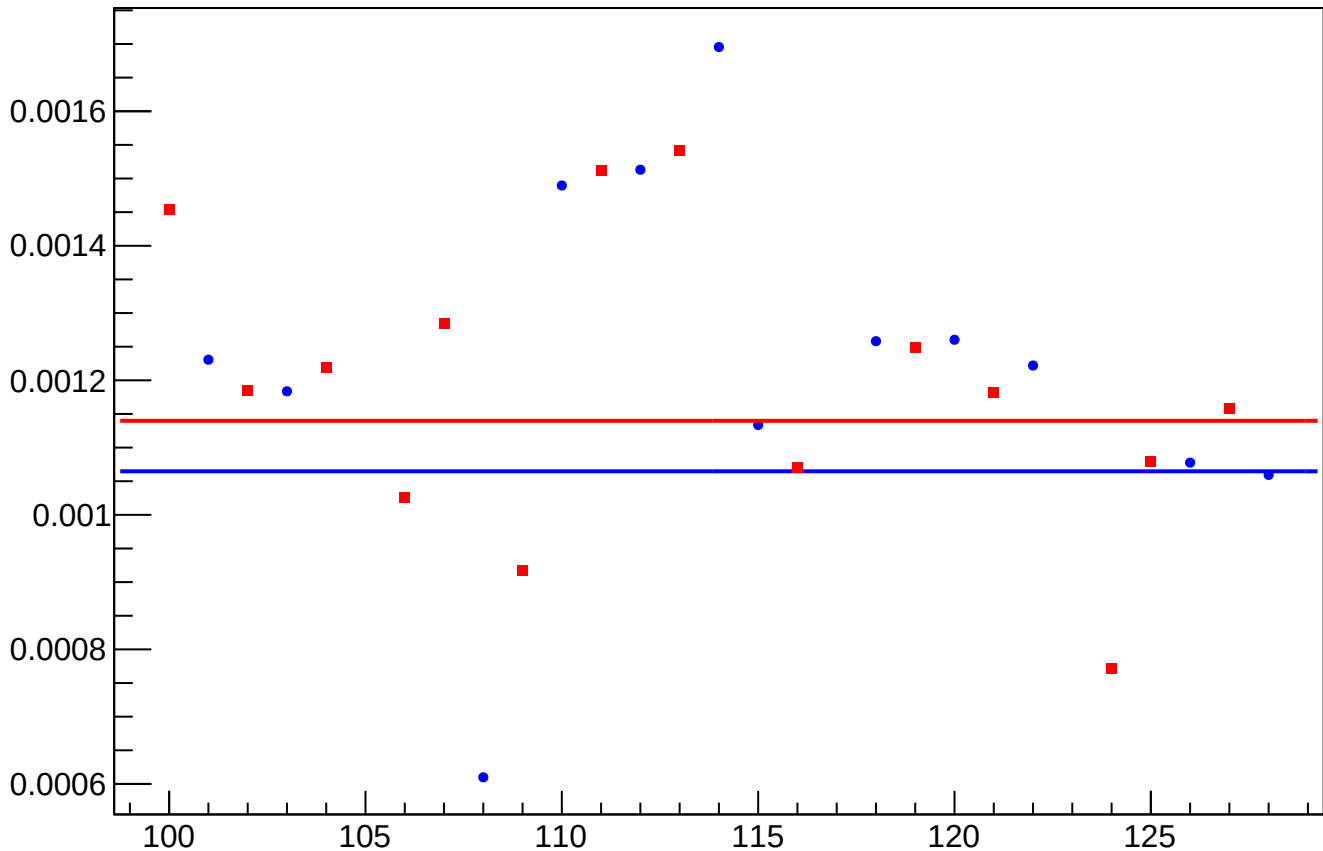
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.4/25

- 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 : 711161.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 288799.7/13

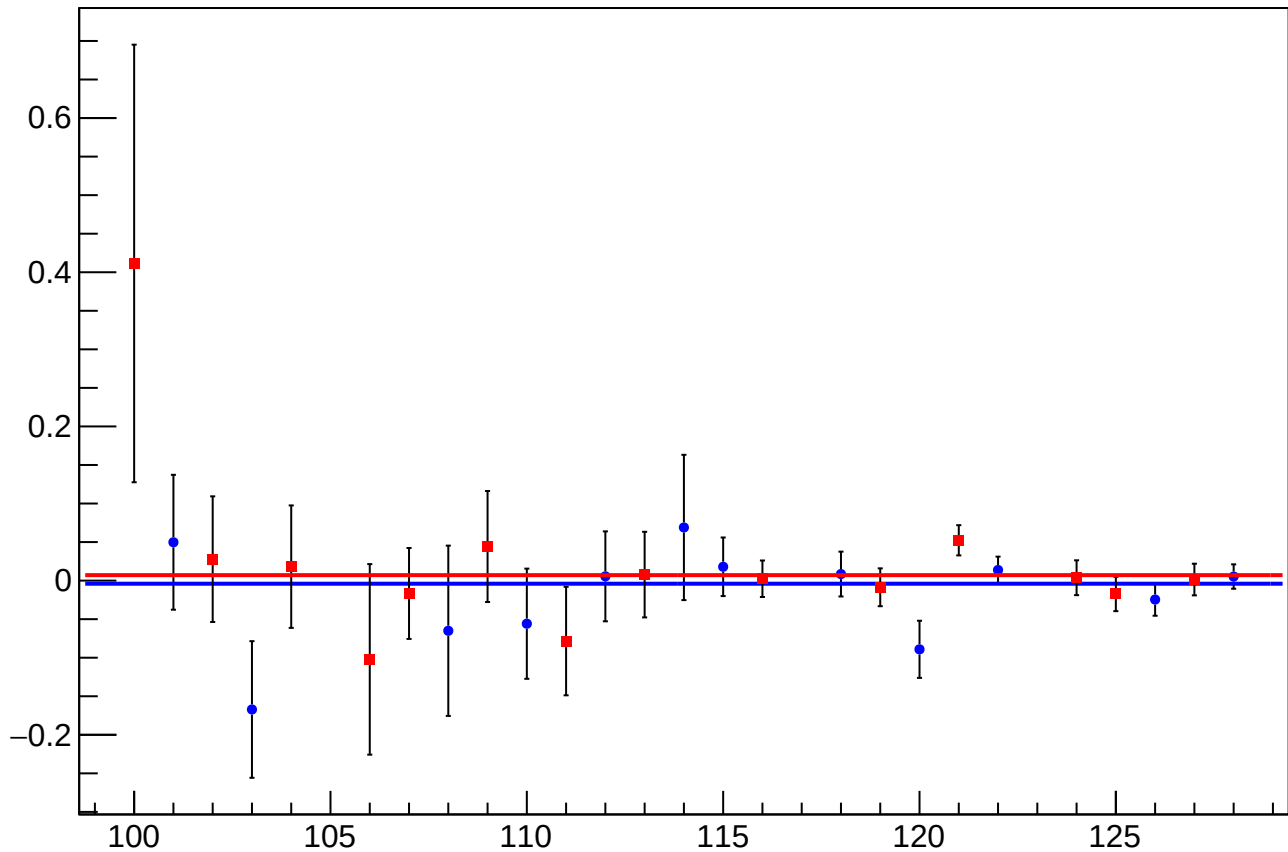
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1022947.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.004 $\pm$ 0.009 χ^2 /NDF: 13.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.009 χ^2 /NDF: 11.9/13

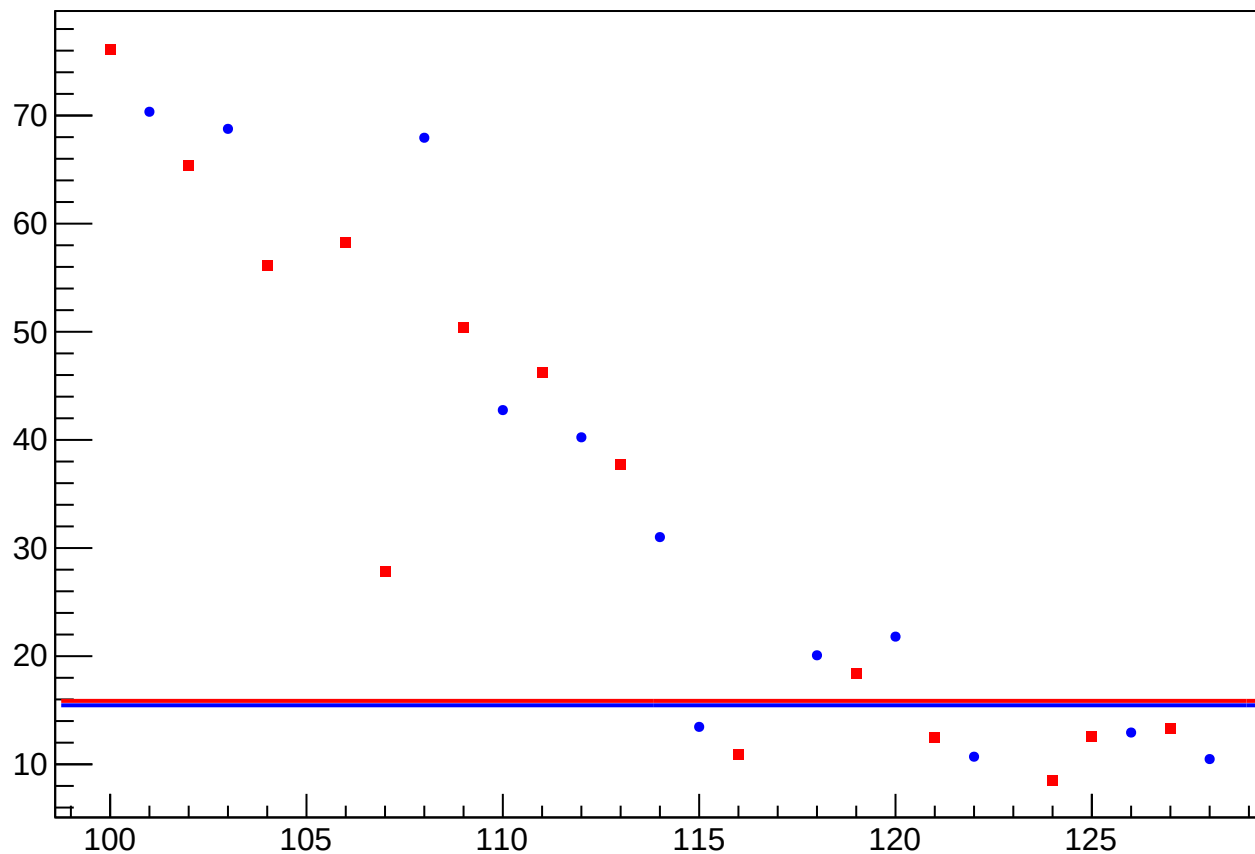
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.006 χ^2 /NDF: 26.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 15.457+/-0.006 χ^2/NDF : 3161738.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.866+/-0.006 χ^2/NDF : 3257348.9/13

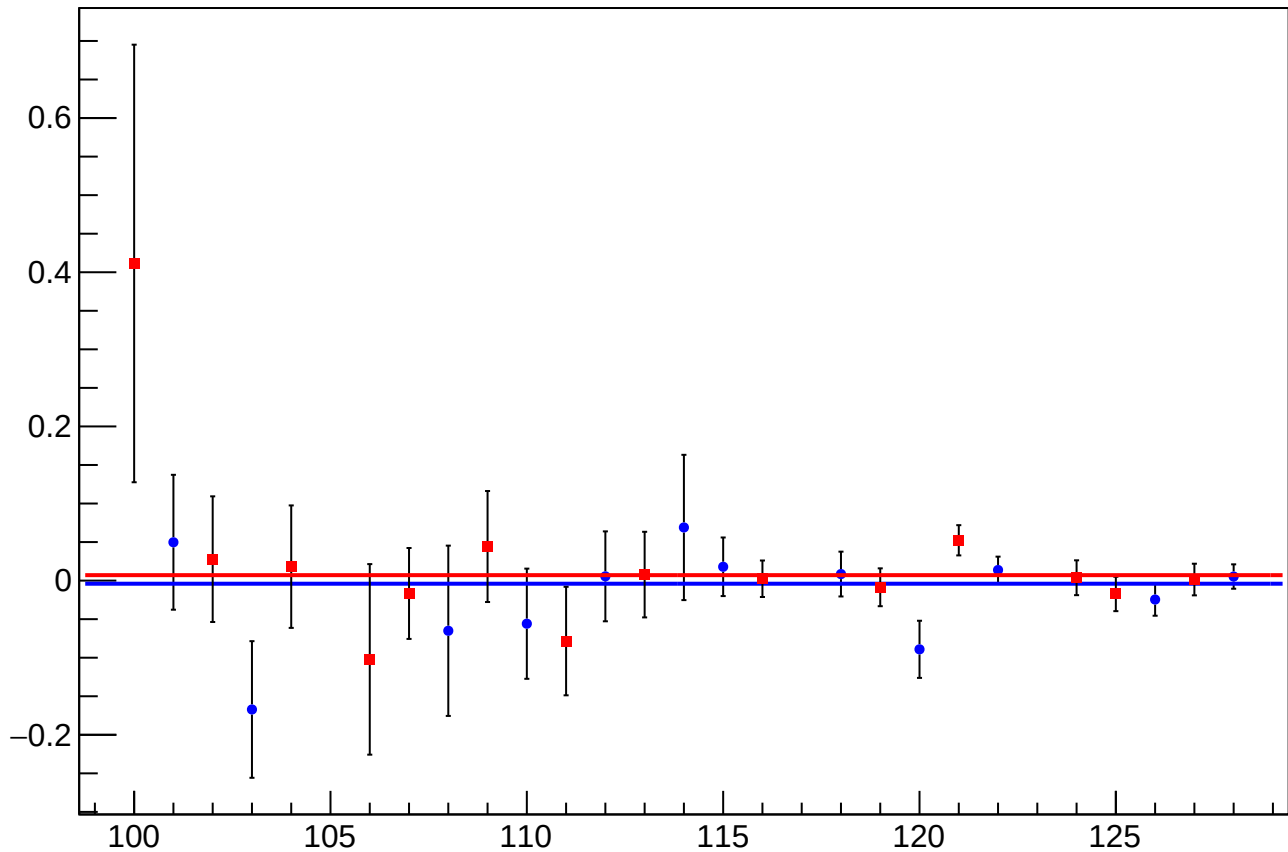
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.667+/-0.004 χ^2/NDF : 6421336.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.004 $\pm$ 0.009 χ^2 /NDF: 13.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.009 χ^2 /NDF: 11.9/13

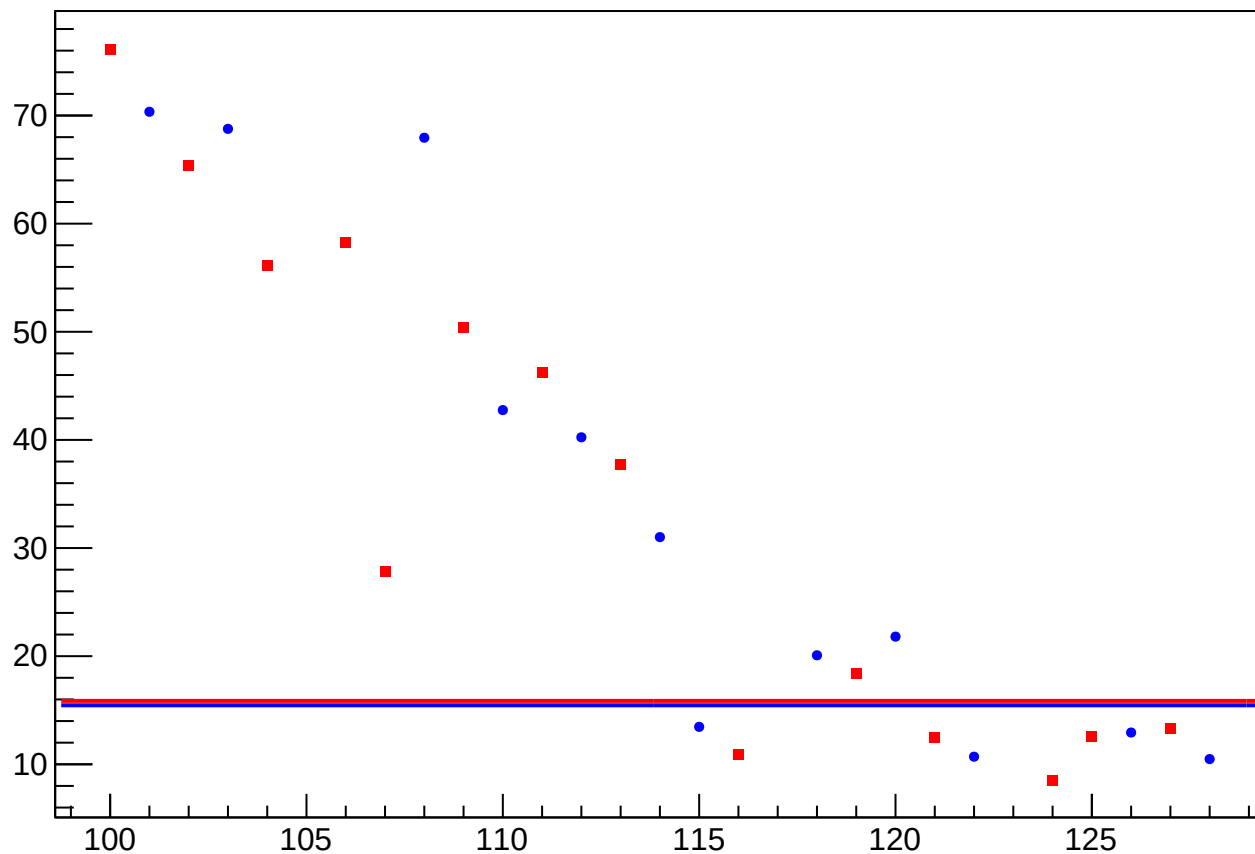
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.006 χ^2 /NDF: 26.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 15.457+/-0.006 χ^2/NDF : 3161738.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.866+/-0.006 χ^2/NDF : 3257348.9/13

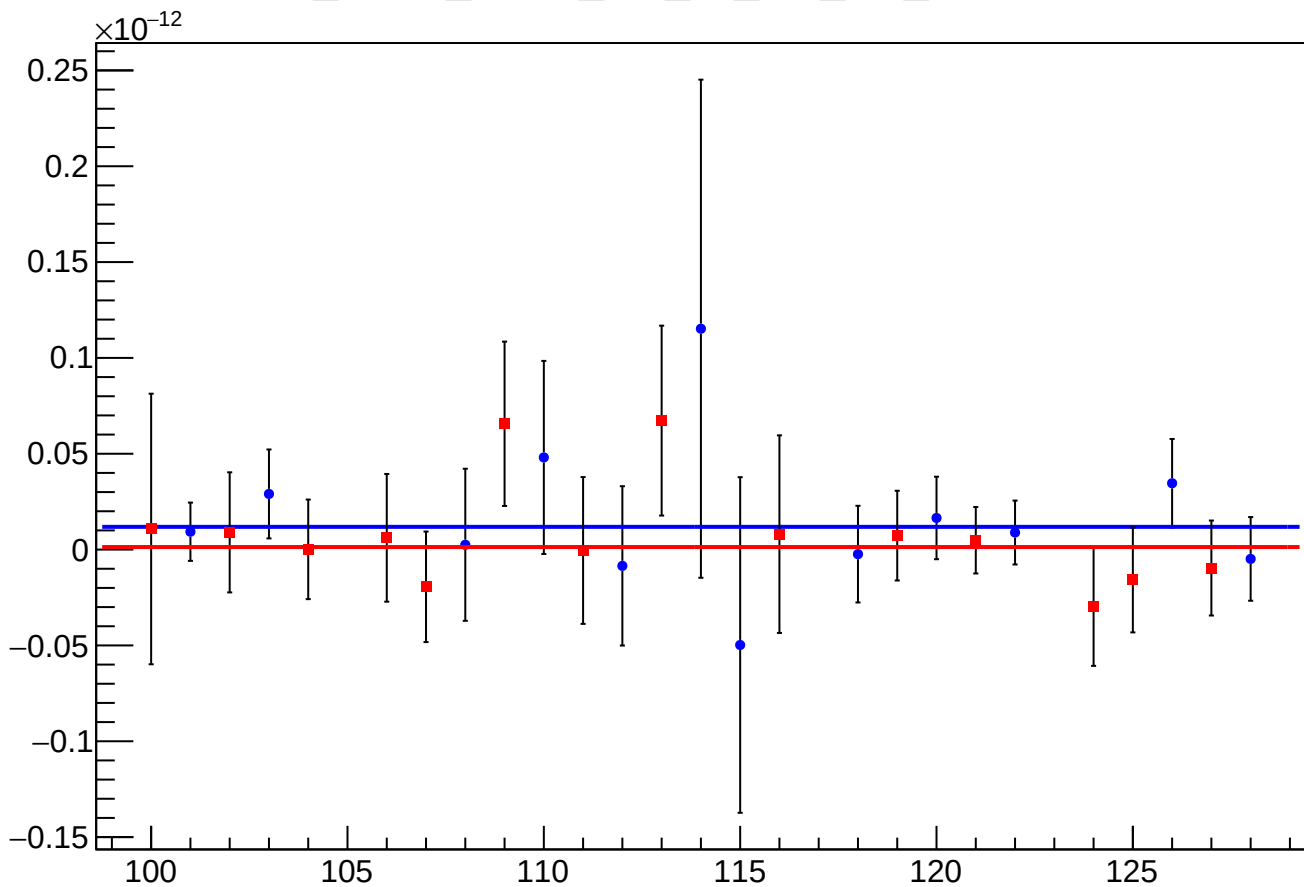
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.667+/-0.004 χ^2/NDF : 6421336.4/25

- 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: 4.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.4/13

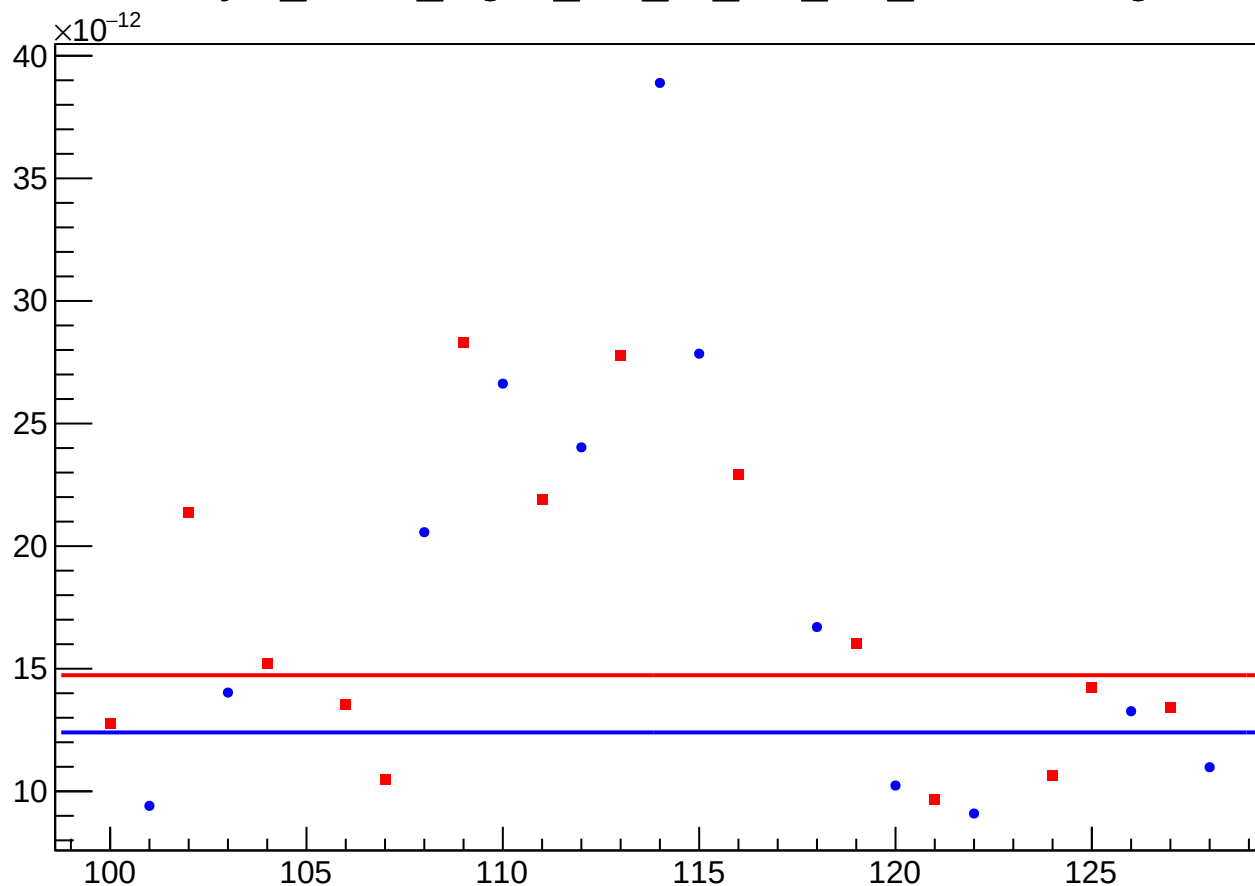
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.8/25

- 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 : 802043.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 816433.5/13

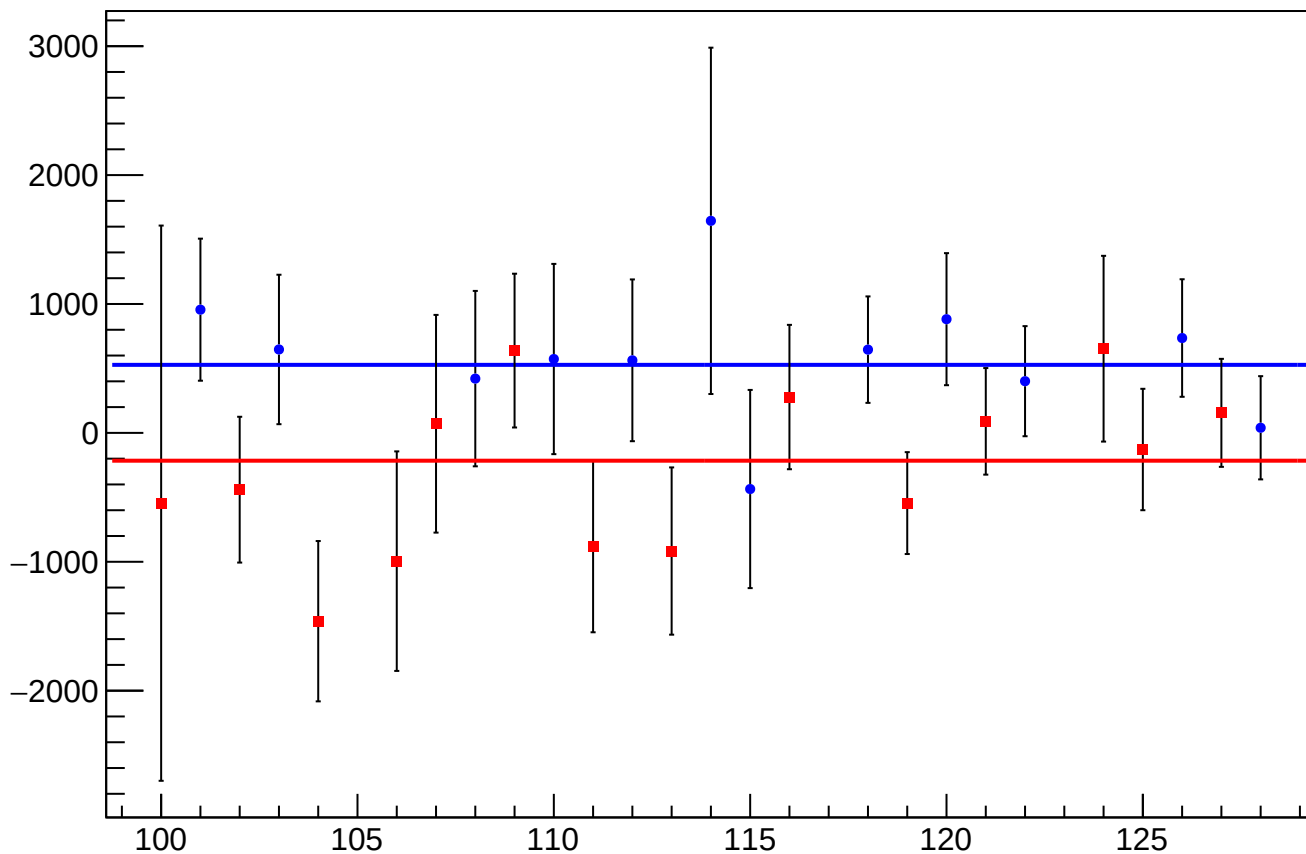
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1713639.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_mean vs Slug



Right In: 527.797 $\pm$ 155.684 χ^2 /NDF: 5.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -215.763 $\pm$ 151.224 χ^2 /NDF: 13.6/13

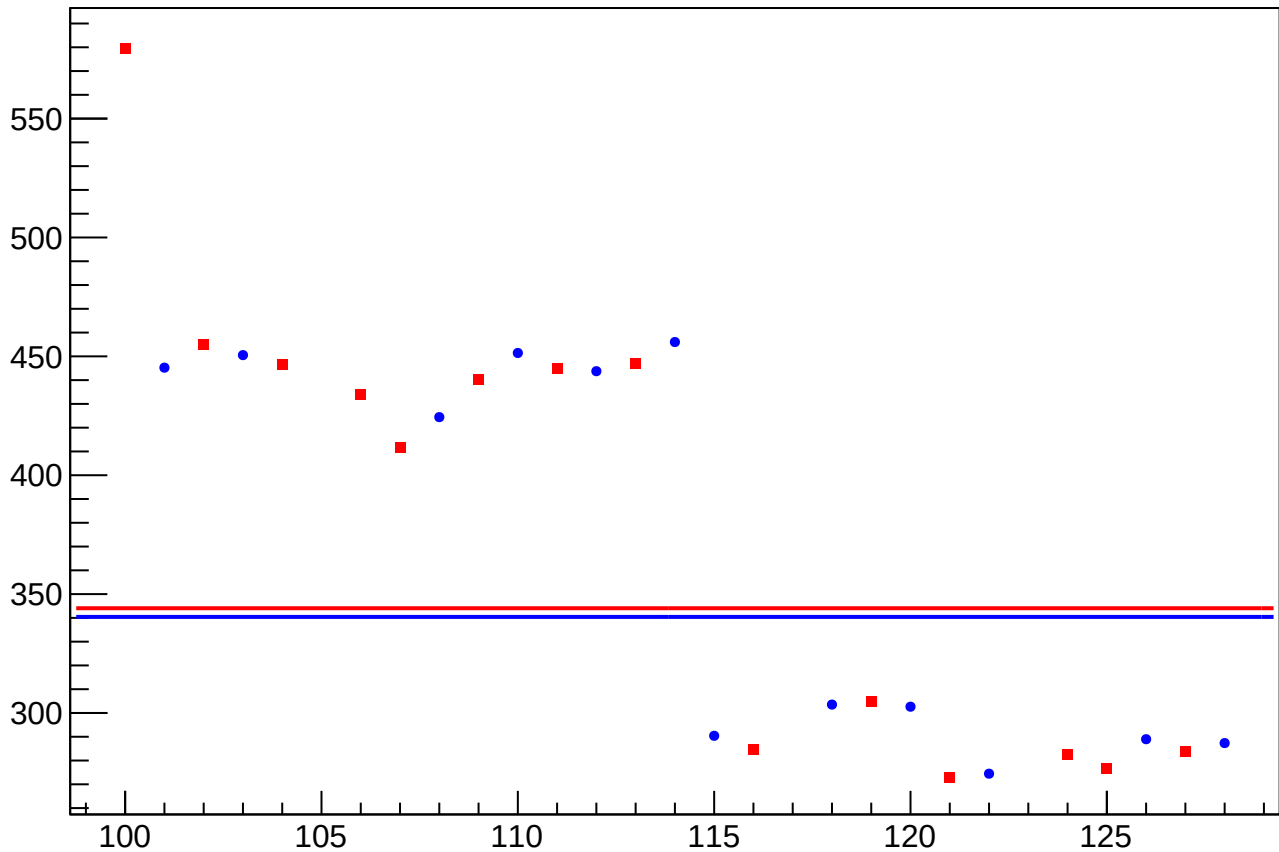
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 145.213 $\pm$ 108.474 χ^2 /NDF: 30.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam2_rms vs Slug



Right In: 340.407 $\pm$ 0.110 χ^2 /NDF: 432955.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 344.057 $\pm$ 0.107 χ^2 /NDF: 537291.4/13

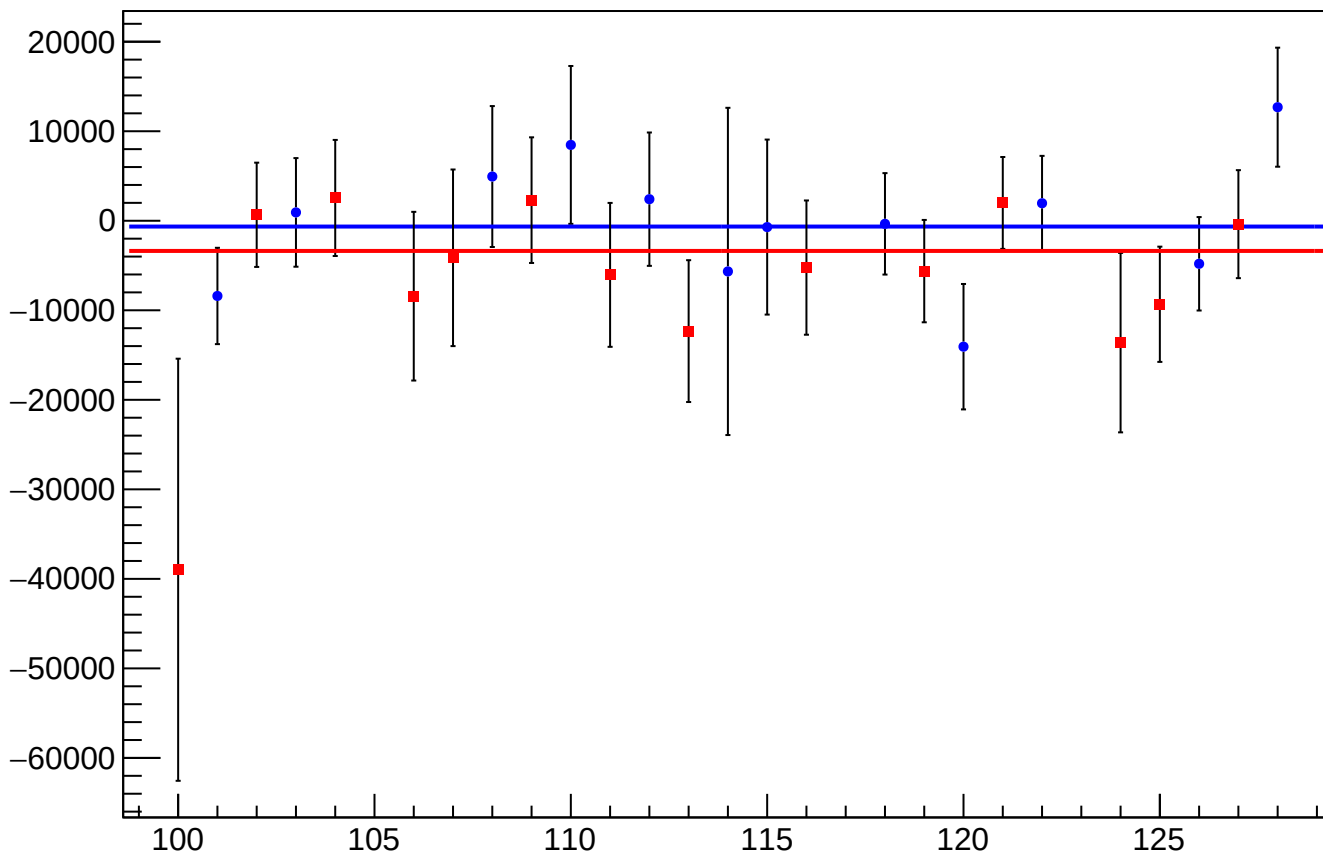
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 342.285 $\pm$ 0.077 χ^2 /NDF: 970812.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_reg_correction_mean vs Slug



Right In: -646.902+/-1928.703 χ^2/NDF : 12.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3370.354+/-1902.461 χ^2/NDF : 9.4/13

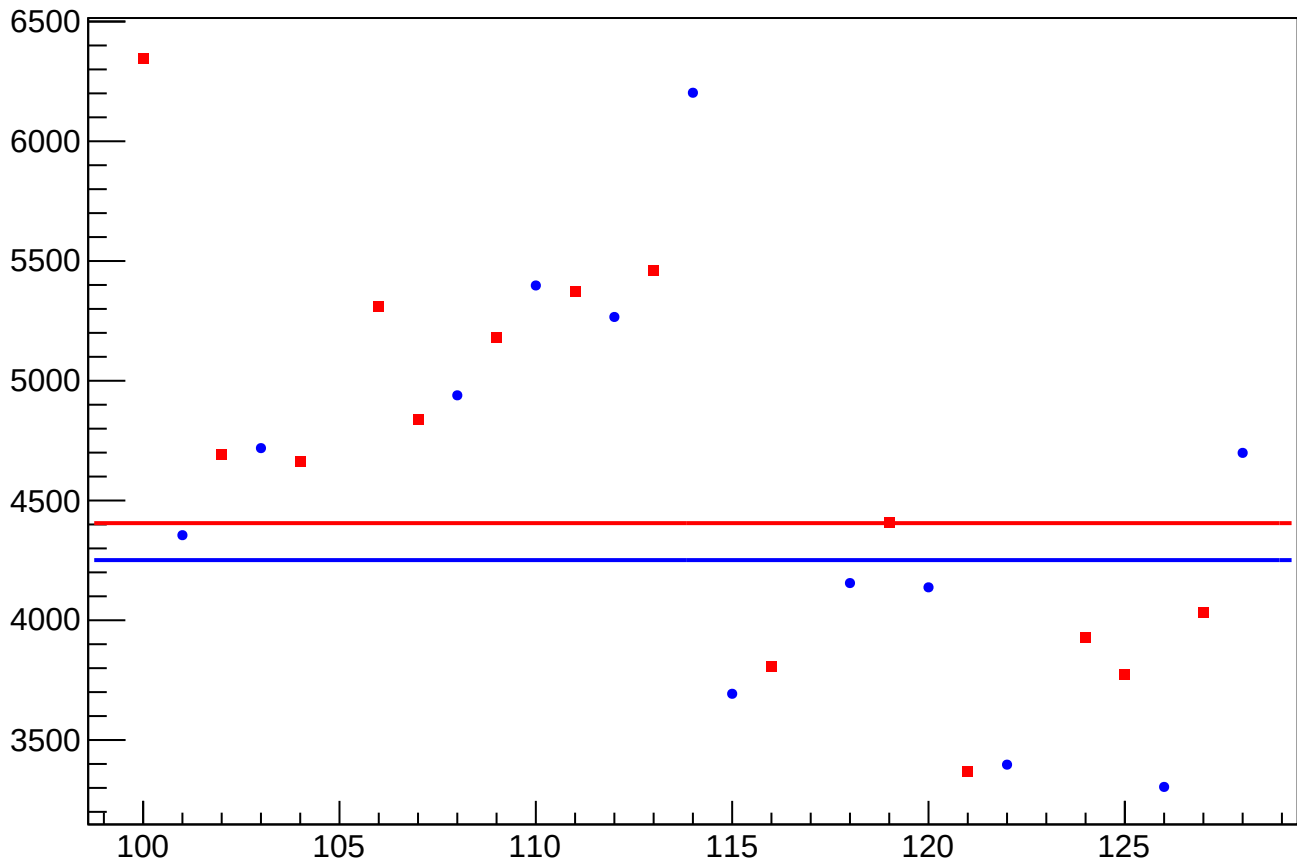
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2027.282+/-1354.426 χ^2/NDF : 22.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_reg_correction_rms vs Slug



Right In: 4251.196+/-1.364 χ^2/NDF : 256383.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4405.548+/-1.345 χ^2/NDF : 258372.9/13

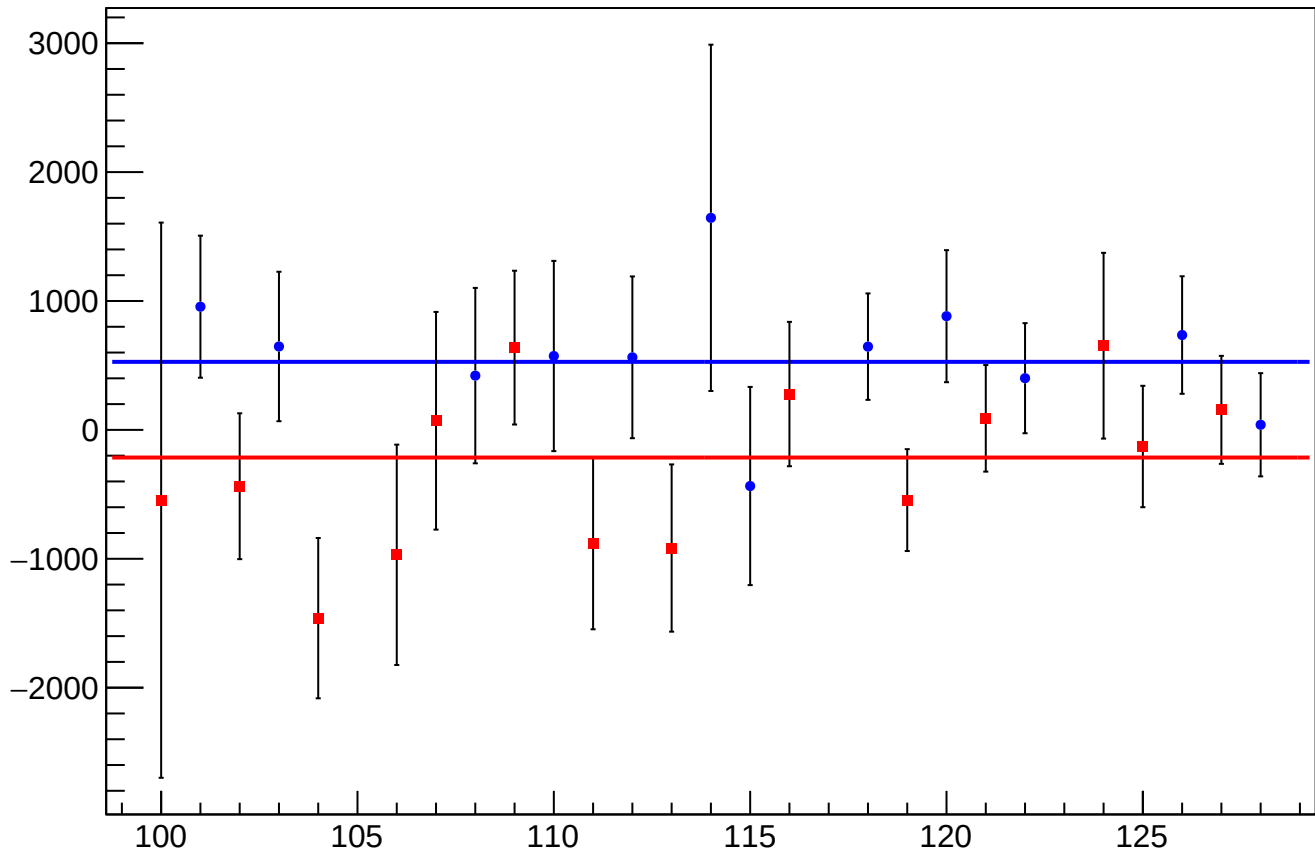
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4329.429+/-0.958 χ^2/NDF : 521248.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam2_mean vs Slug



Right In: 527.799+/-155.684 χ^2/NDF : 5.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -214.477+/-151.246 χ^2/NDF : 13.6/13

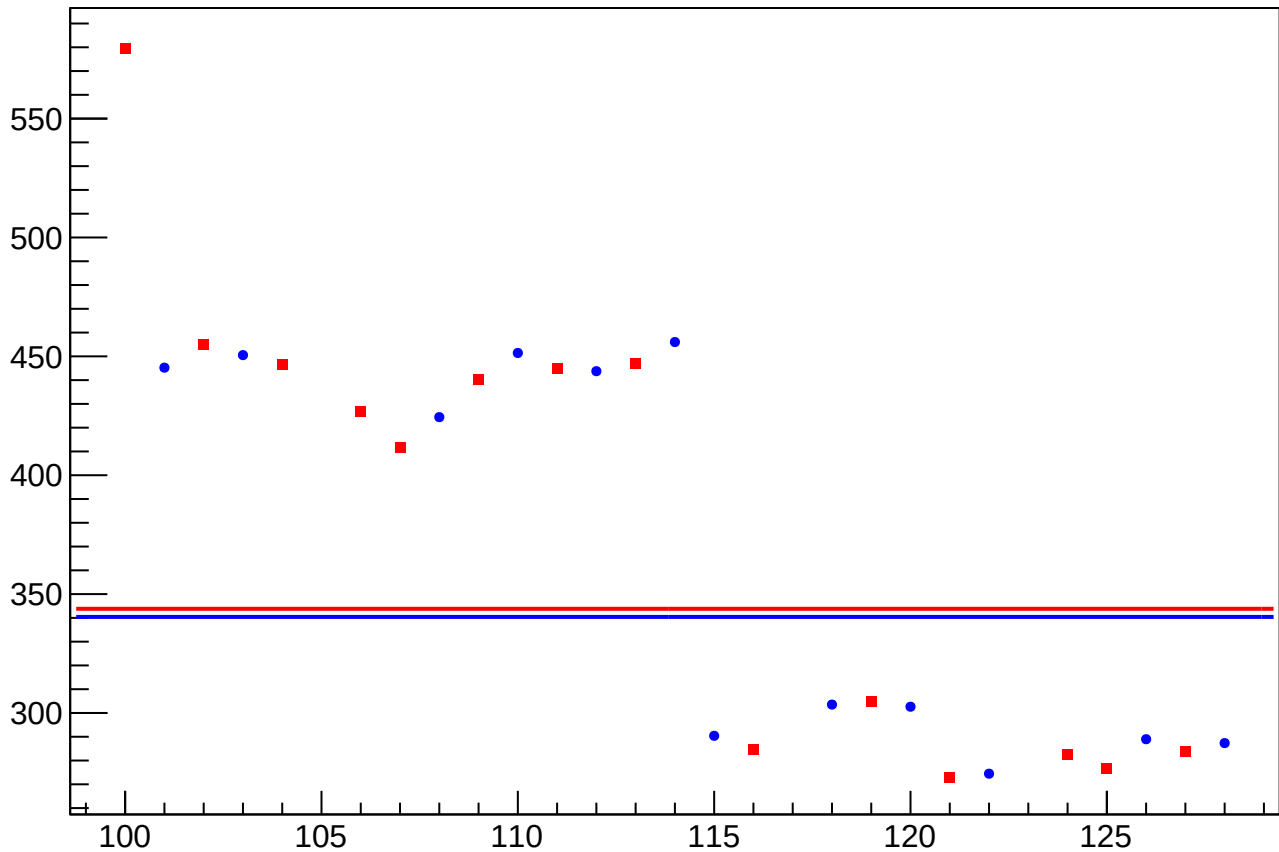
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.930+/-108.482 χ^2/NDF : 30.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam2_rms vs Slug



Right In: 340.407+/-0.110 χ^2/NDF : 432956.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 343.829+/-0.107 χ^2/NDF : 534103.8/13

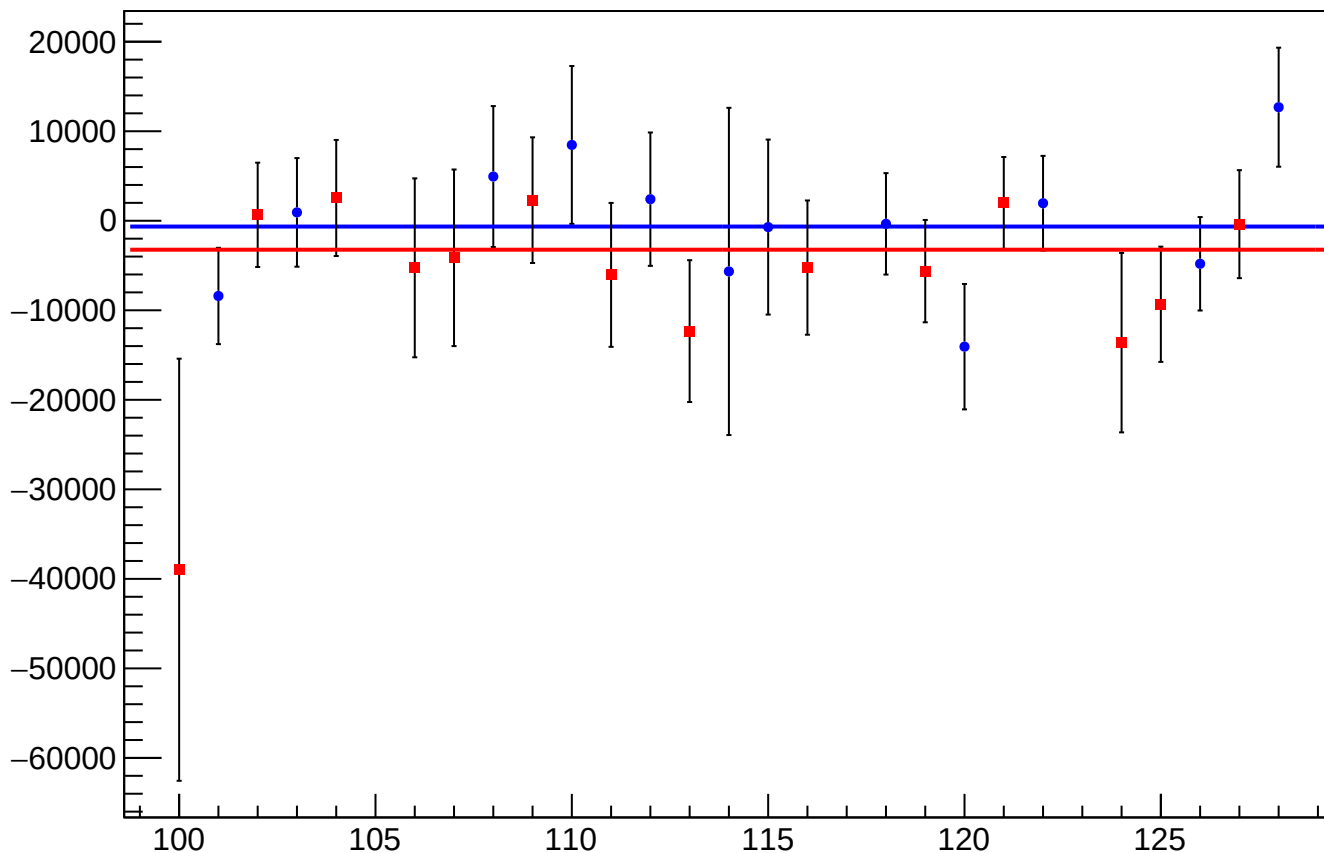
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.168+/-0.077 χ^2/NDF : 967557.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_cor_correction_mean vs Slug



Right In: -646.715+/-1928.711 χ^2/NDF : 12.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3233.201+/-1906.906 χ^2/NDF : 9.1/13

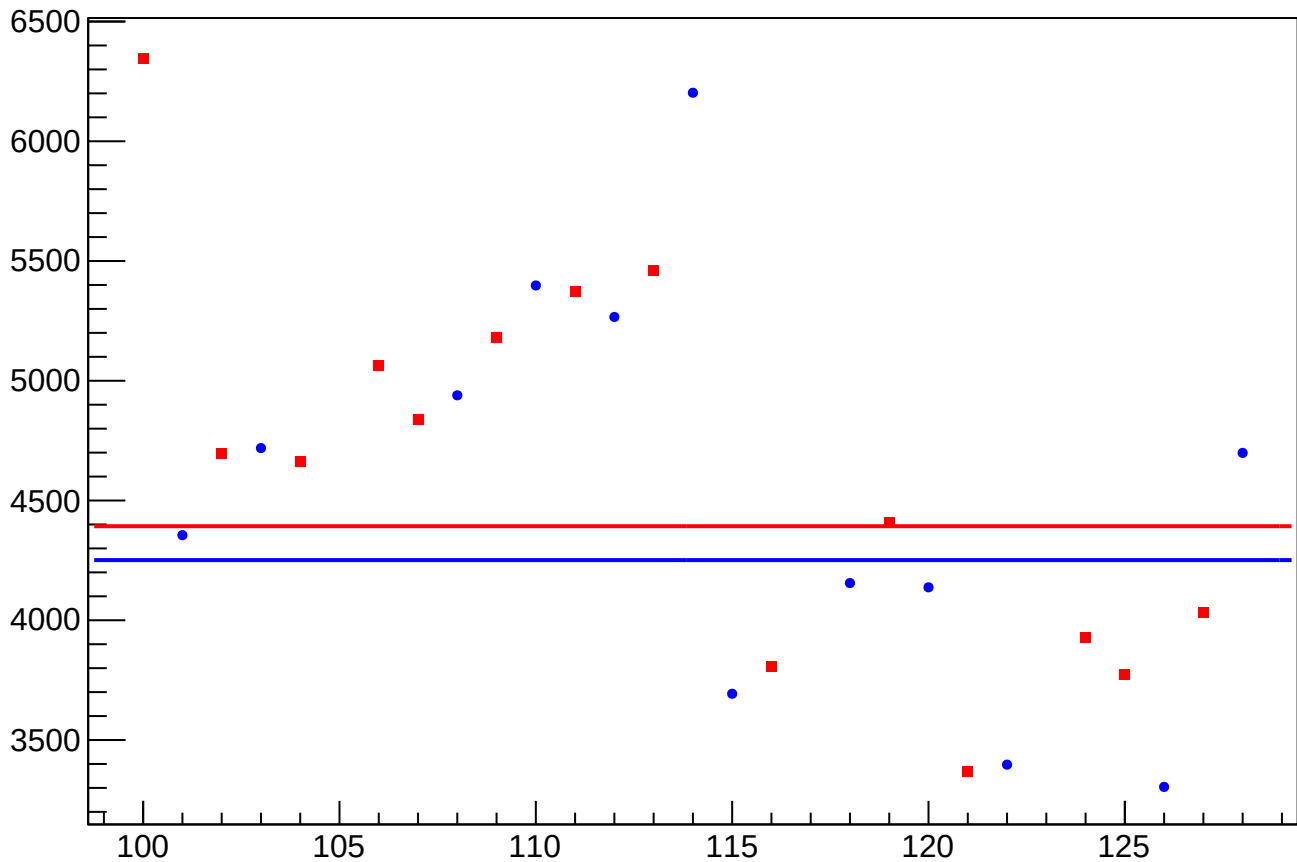
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1954.661+/-1356.030 χ^2/NDF : 22.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_cor_correction_rms vs Slug



Right In: 4251.210+/-1.364 χ^2/NDF : 256392.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4392.697+/-1.348 χ^2/NDF : 248606.3/13

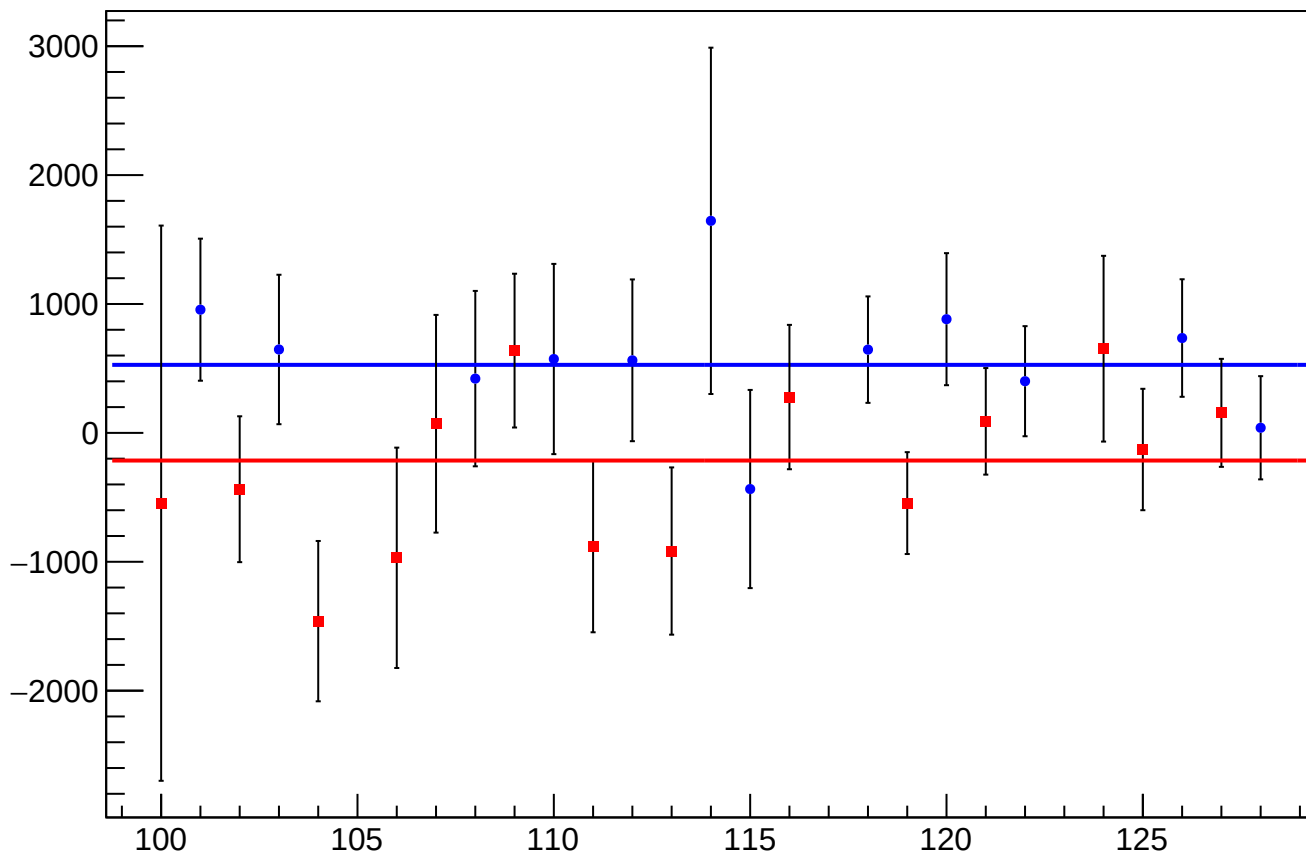
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4322.758+/-0.959 χ^2/NDF : 510441.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam2_mean vs Slug



Right In: 527.799+/-155.684 χ^2/NDF : 5.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -214.477+/-151.246 χ^2/NDF : 13.6/13

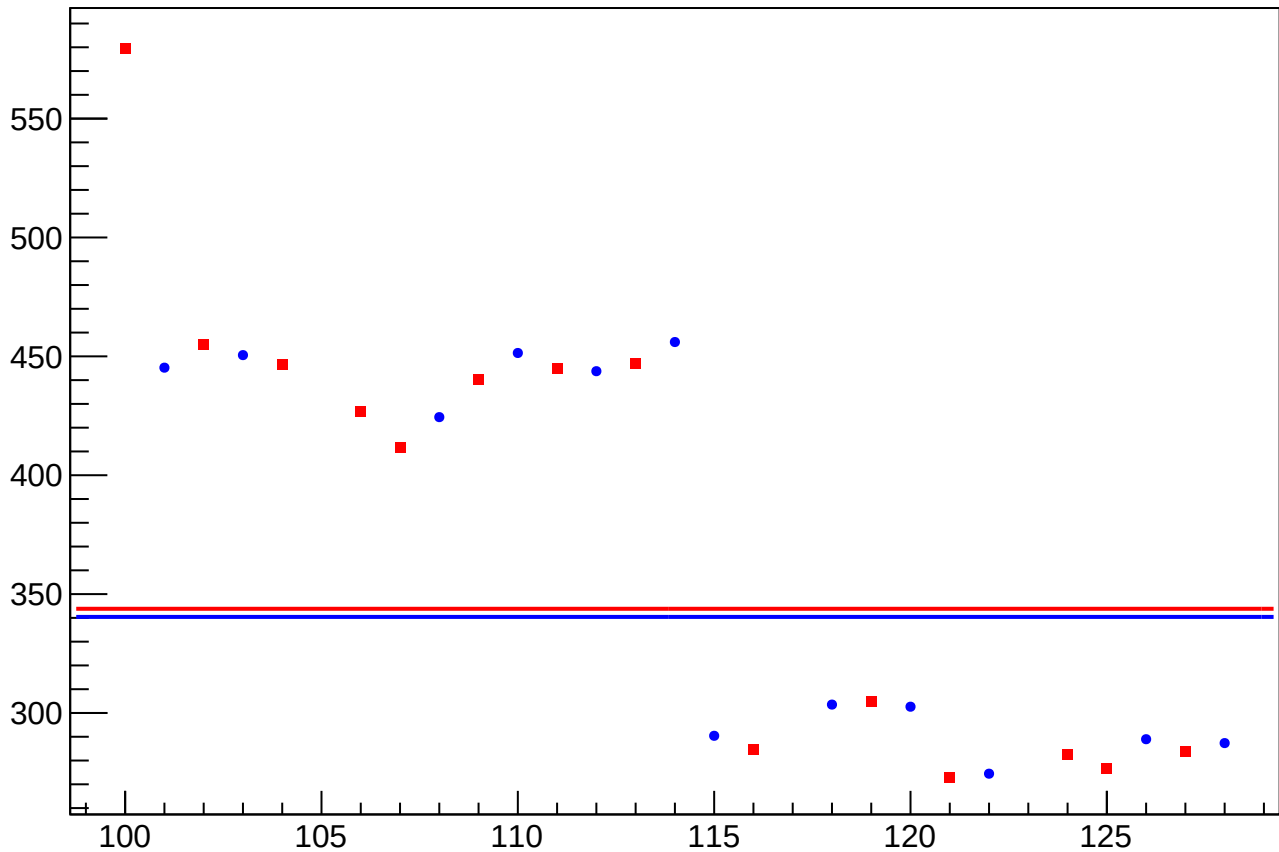
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.930+/-108.482 χ^2/NDF : 30.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam2_rms vs Slug



Right In: 340.407+/-0.110 χ^2/NDF : 432956.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 343.829+/-0.107 χ^2/NDF : 534103.8/13

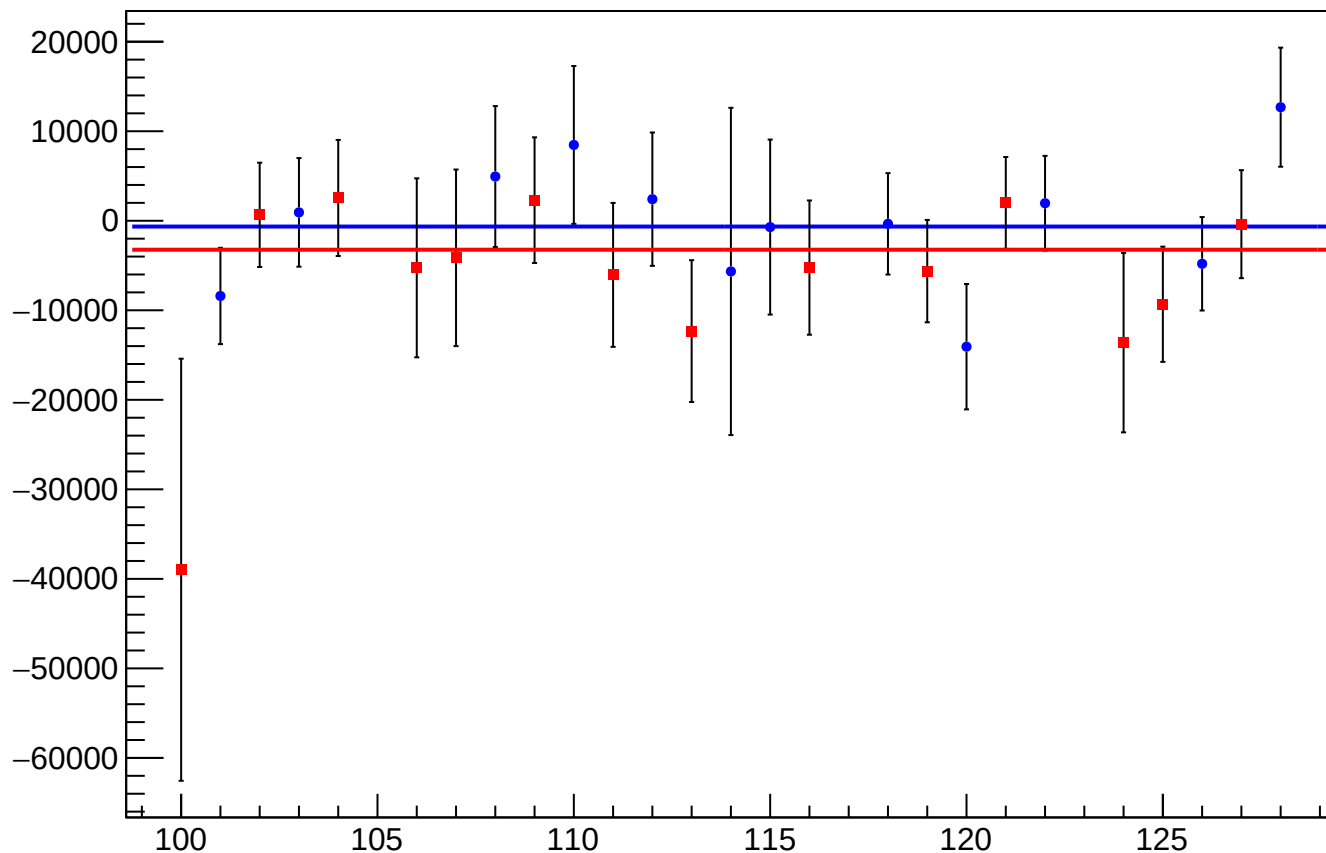
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.168+/-0.077 χ^2/NDF : 967557.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_cor_correction_mean vs Slug



Right In: -646.715+/-1928.711 χ^2/NDF : 12.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3233.201+/-1906.906 χ^2/NDF : 9.1/13

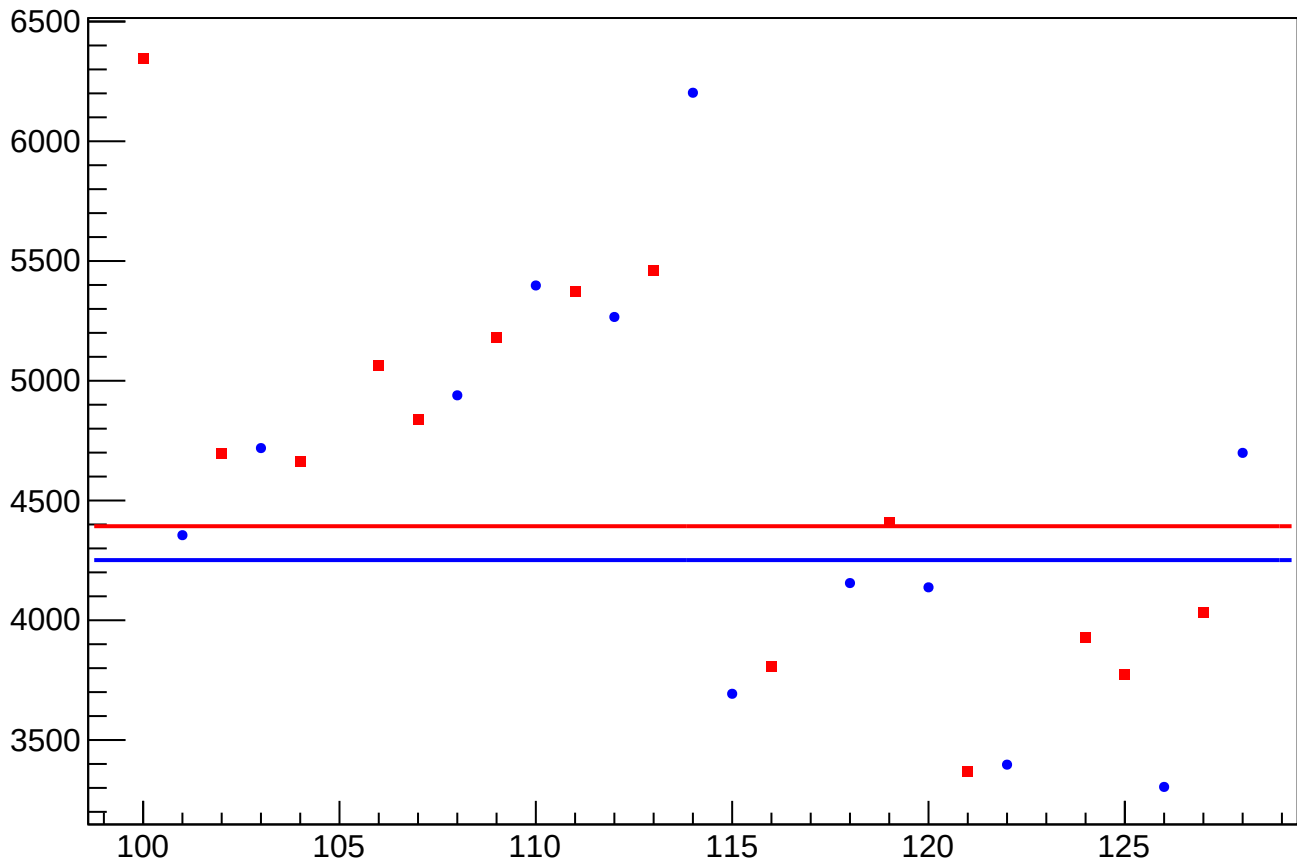
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1954.661+/-1356.030 χ^2/NDF : 22.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_cor_correction_rms vs Slug



Right In: 4251.210+/-1.364 χ^2/NDF : 256392.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

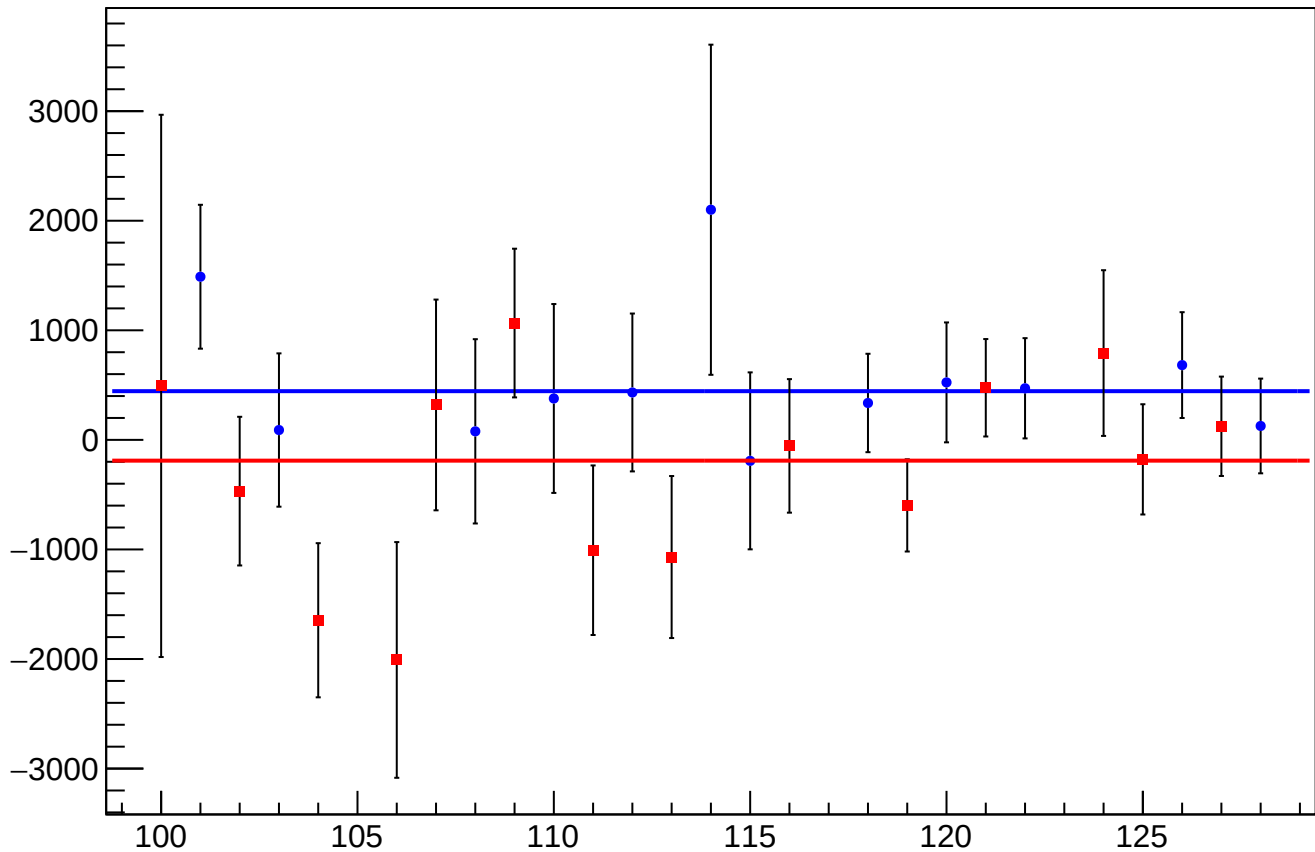
Right Out: 4392.697+/-1.348 χ^2/NDF : 248606.3/13

All: 4322.758+/-0.959 χ^2/NDF : 510441.4/25

- 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: 444.521 $\pm$ 172.151 χ^2 /NDF: 5.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -189.572 $\pm$ 166.821 χ^2 /NDF: 19.0/13

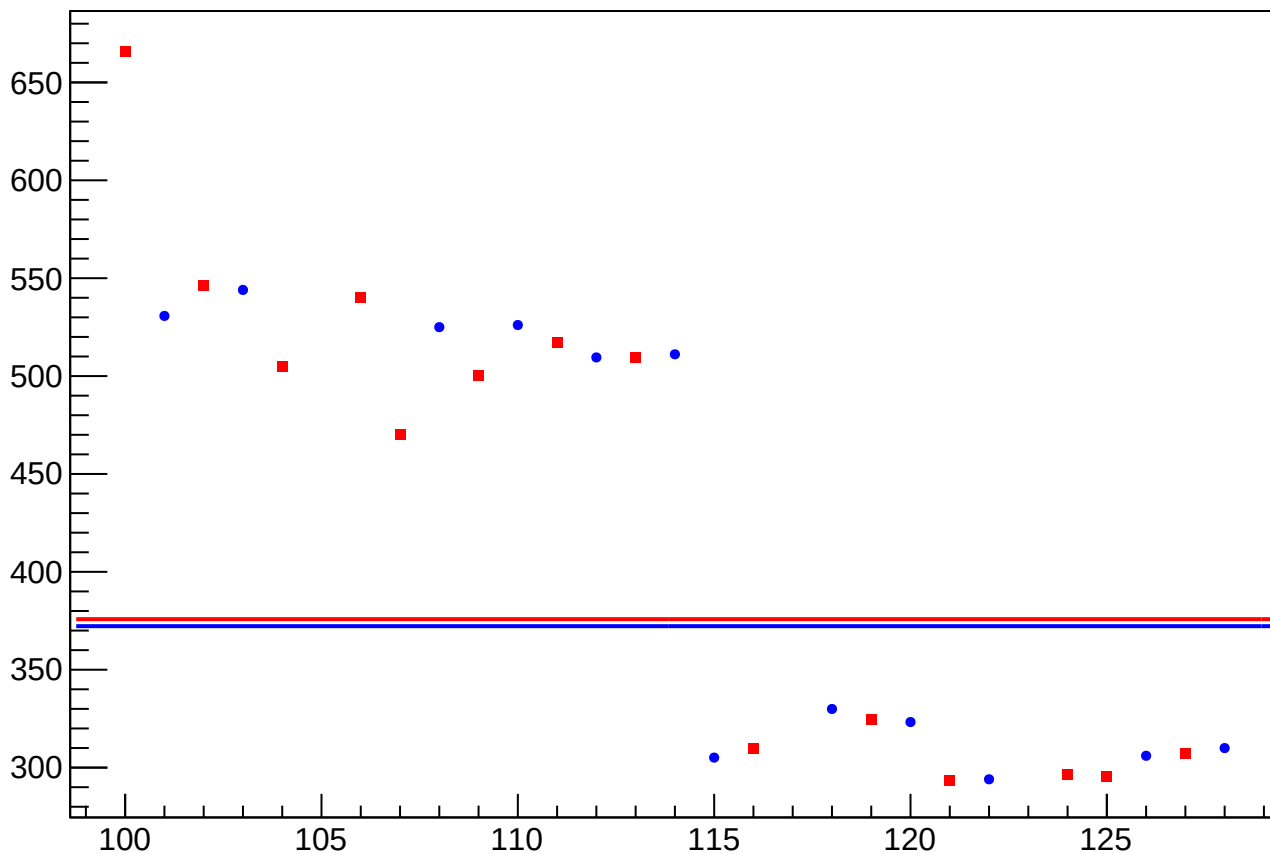
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 117.508 $\pm$ 119.800 χ^2 /NDF: 31.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam2_rms vs Slug



Right In: 372.247+/-0.122 χ^2/NDF : 641532.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 375.823+/-0.118 χ^2/NDF : 727177.3/13

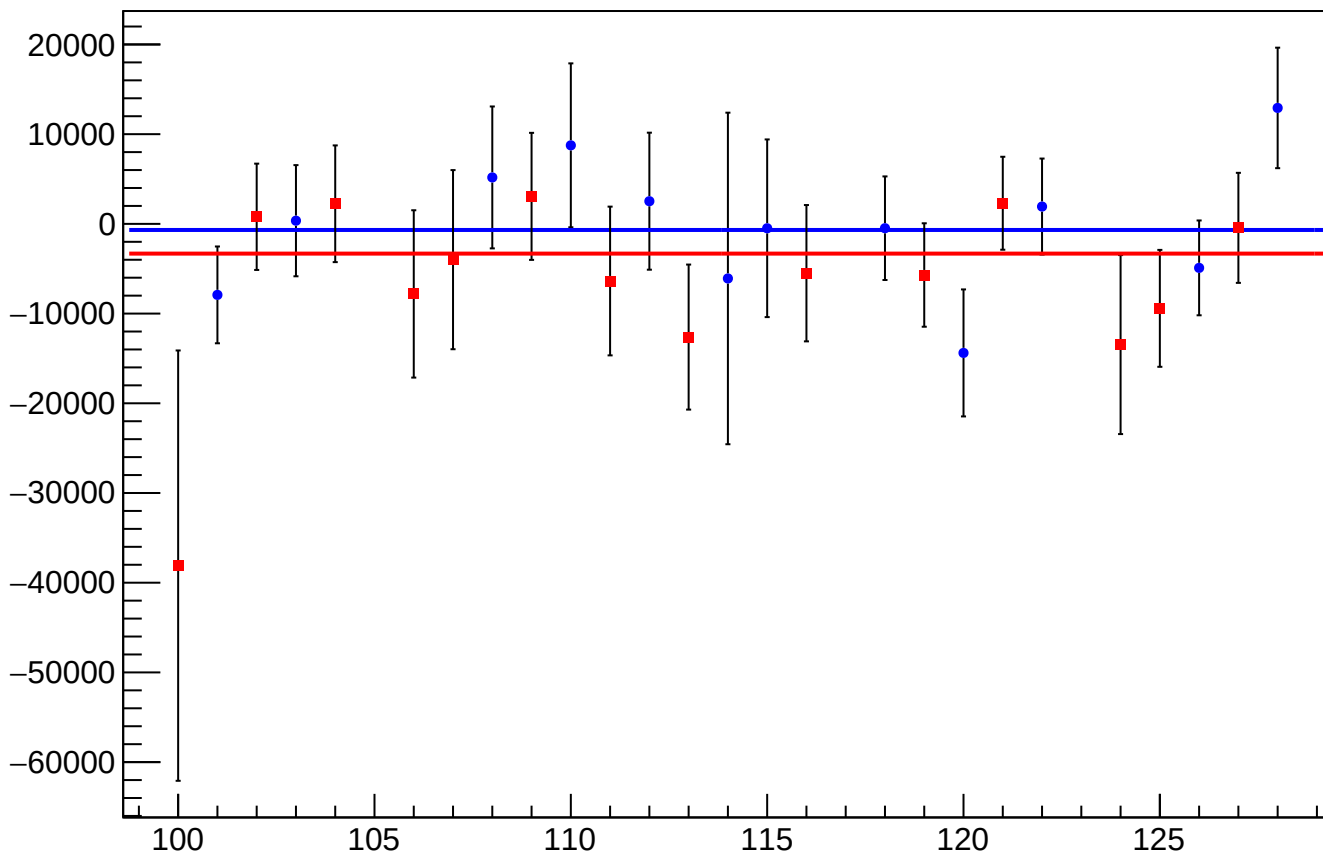
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 374.091+/-0.085 χ^2/NDF : 1369155.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_dit_correction_mean vs Slug



Right In: -679.466+/-1955.579 χ^2/NDF : 12.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3314.380+/-1924.458 χ^2/NDF : 9.4/13

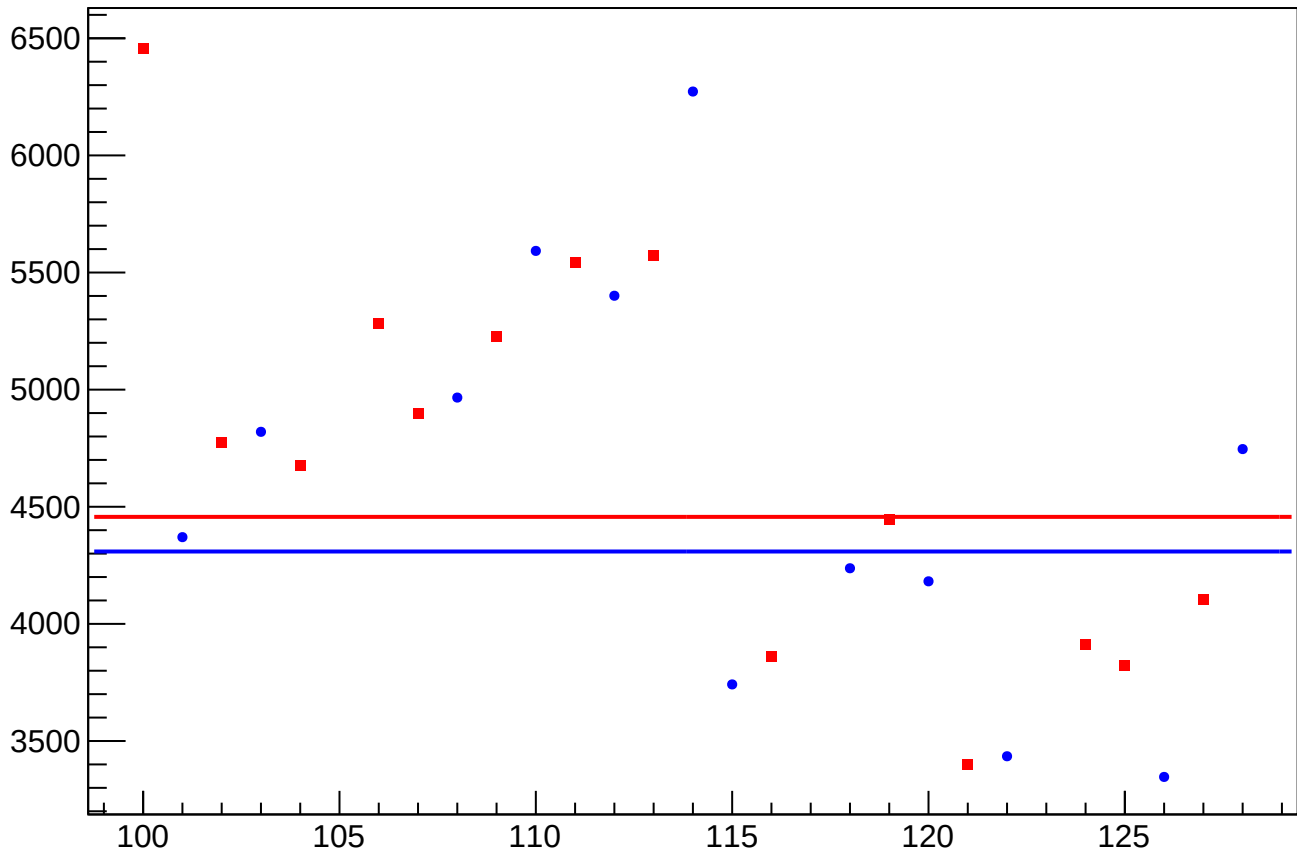
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2018.056+/-1371.668 χ^2/NDF : 22.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_dit_correction_rms vs Slug



Right In: 4309.011+/-1.383 χ^2/NDF : 266280.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4456.848+/-1.361 χ^2/NDF : 264896.8/13

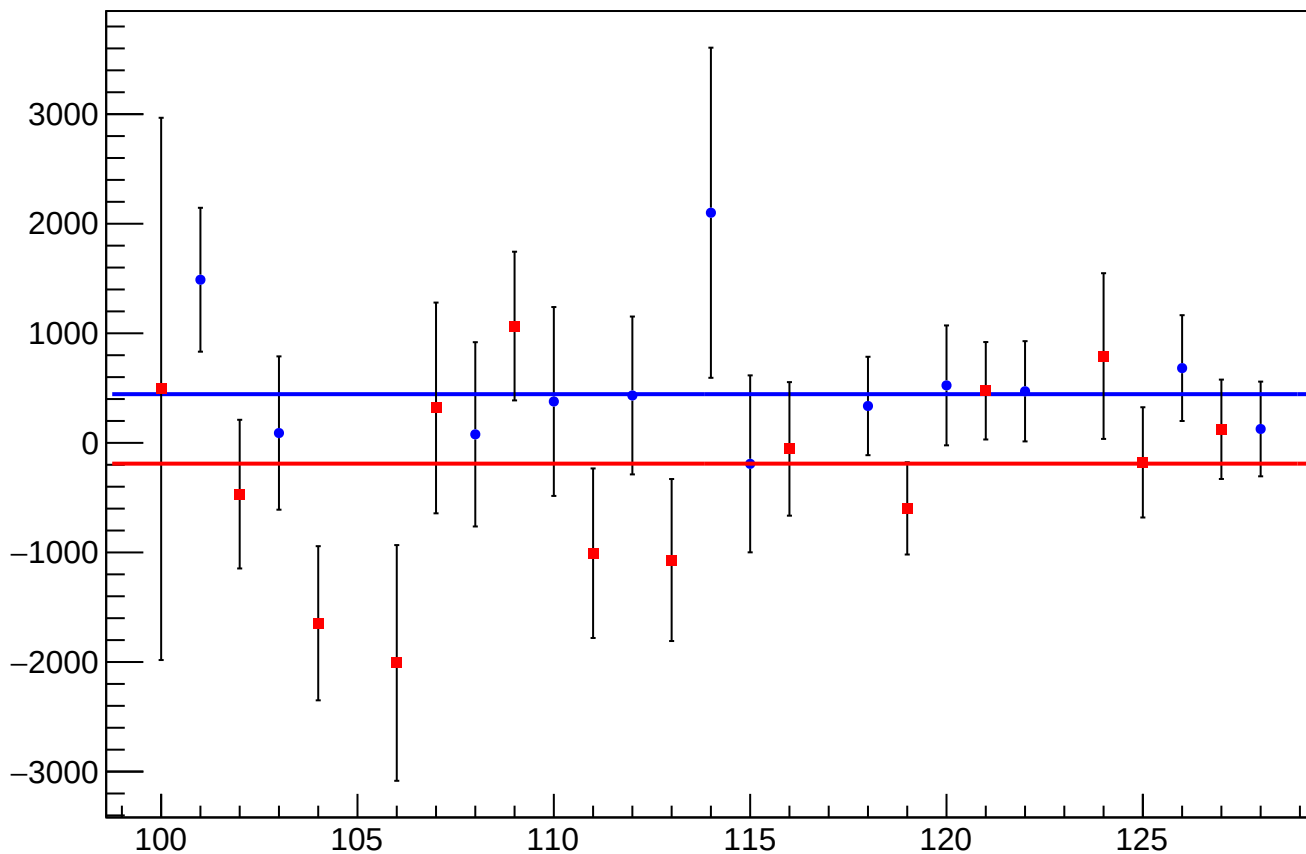
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4384.115+/-0.970 χ^2/NDF : 536983.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam2_mean vs Slug



Right In: 444.518 $\pm$ 172.150 χ^2 /NDF: 5.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -189.568 $\pm$ 166.821 χ^2 /NDF: 19.0/13

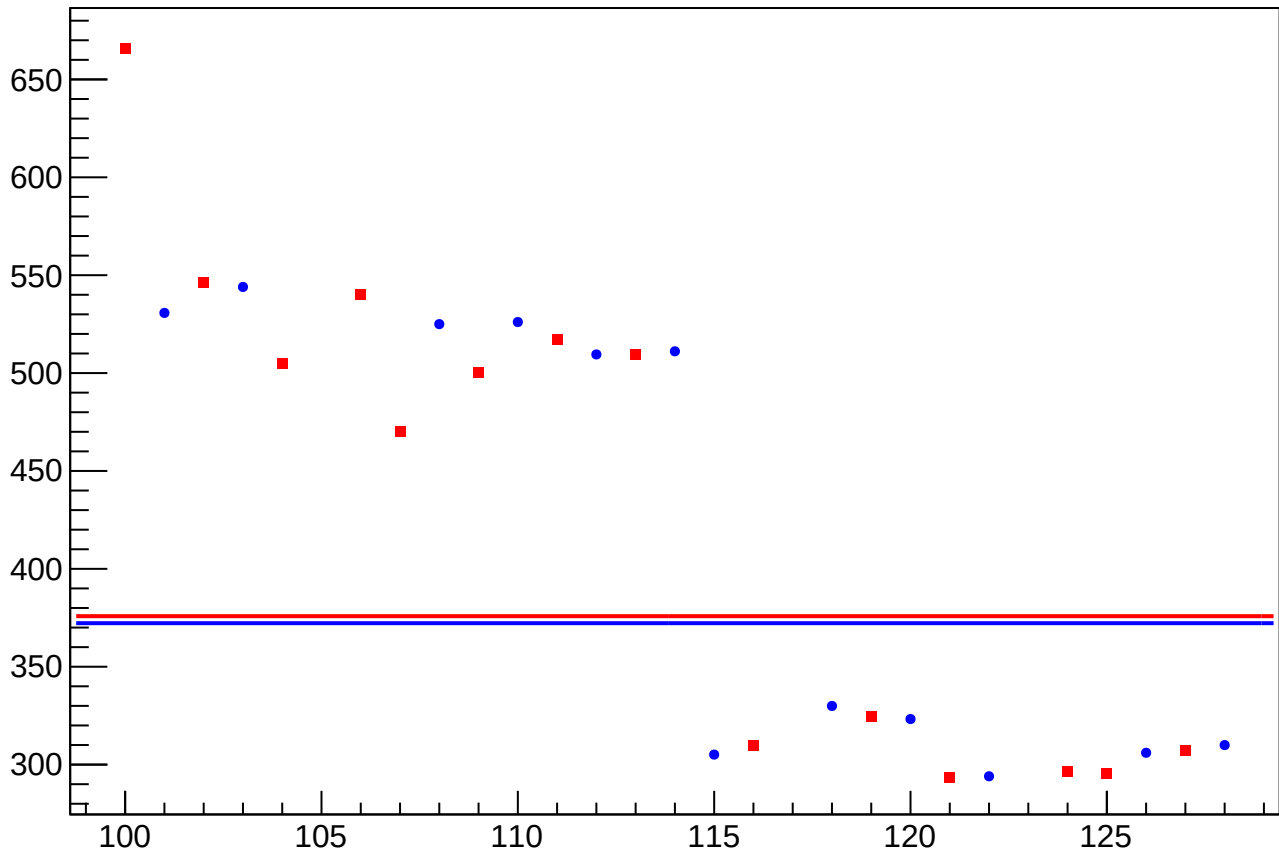
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 117.509 $\pm$ 119.800 χ^2 /NDF: 31.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam2_rms vs Slug



Right In: 372.245+/-0.122 χ^2/NDF : 641524.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 375.822+/-0.118 χ^2/NDF : 727162.6/13

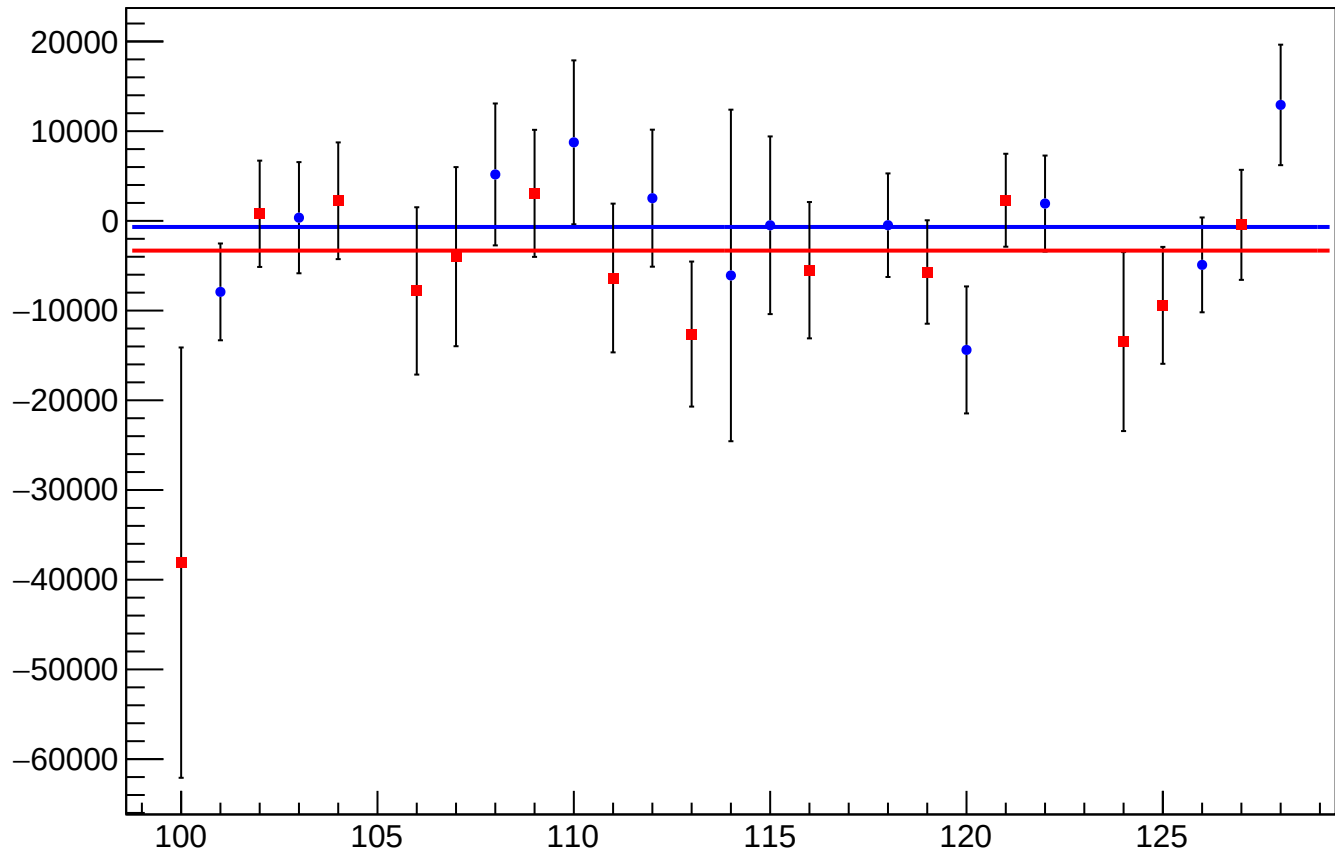
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 374.090+/-0.085 χ^2/NDF : 1369132.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_dit_correction_mean vs Slug



Right In: -679.460+/-1955.575 χ^2/NDF : 12.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3314.372+/-1924.454 χ^2/NDF : 9.4/13

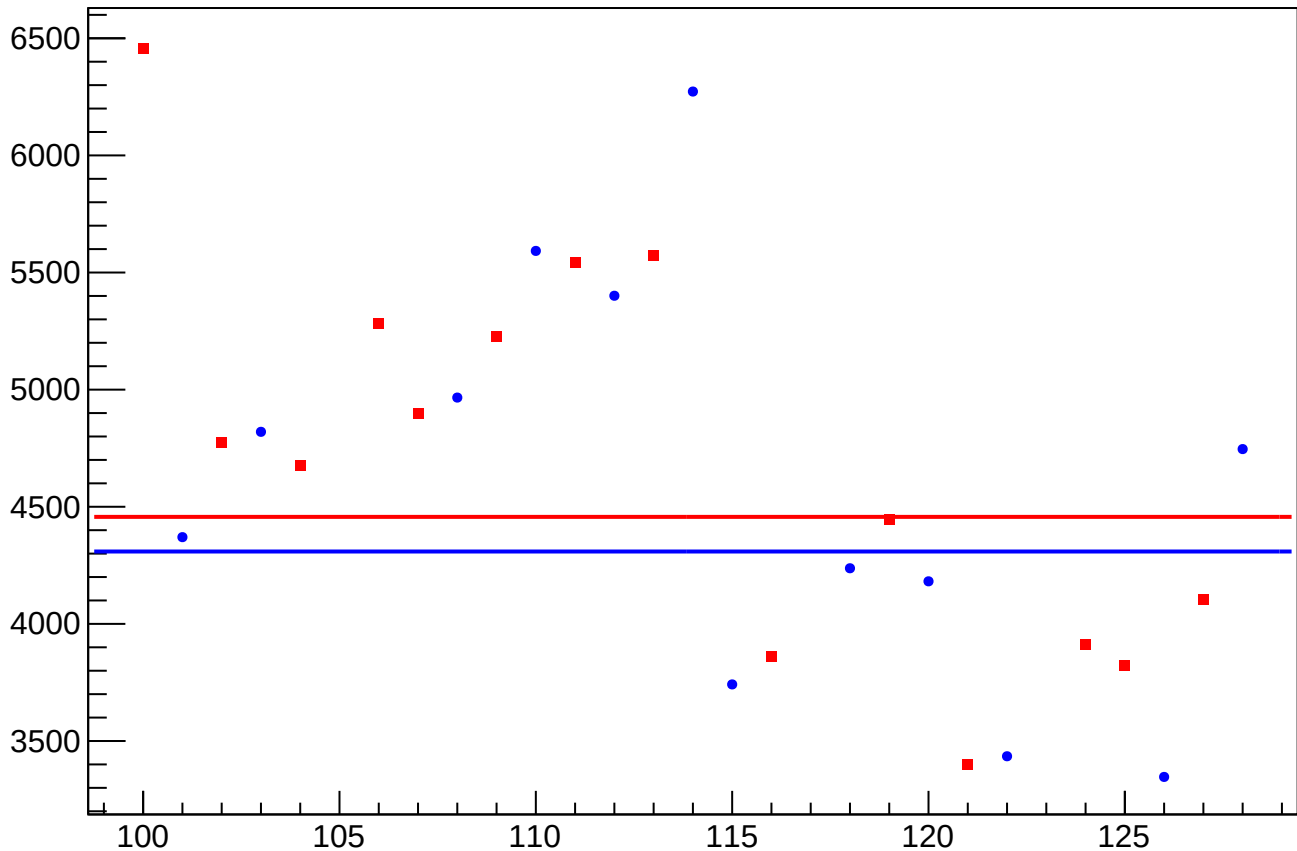
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2018.049+/-1371.665 χ^2/NDF : 22.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_dit_correction_rms vs Slug



Right In: 4309.004+/-1.383 χ^2/NDF : 266274.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

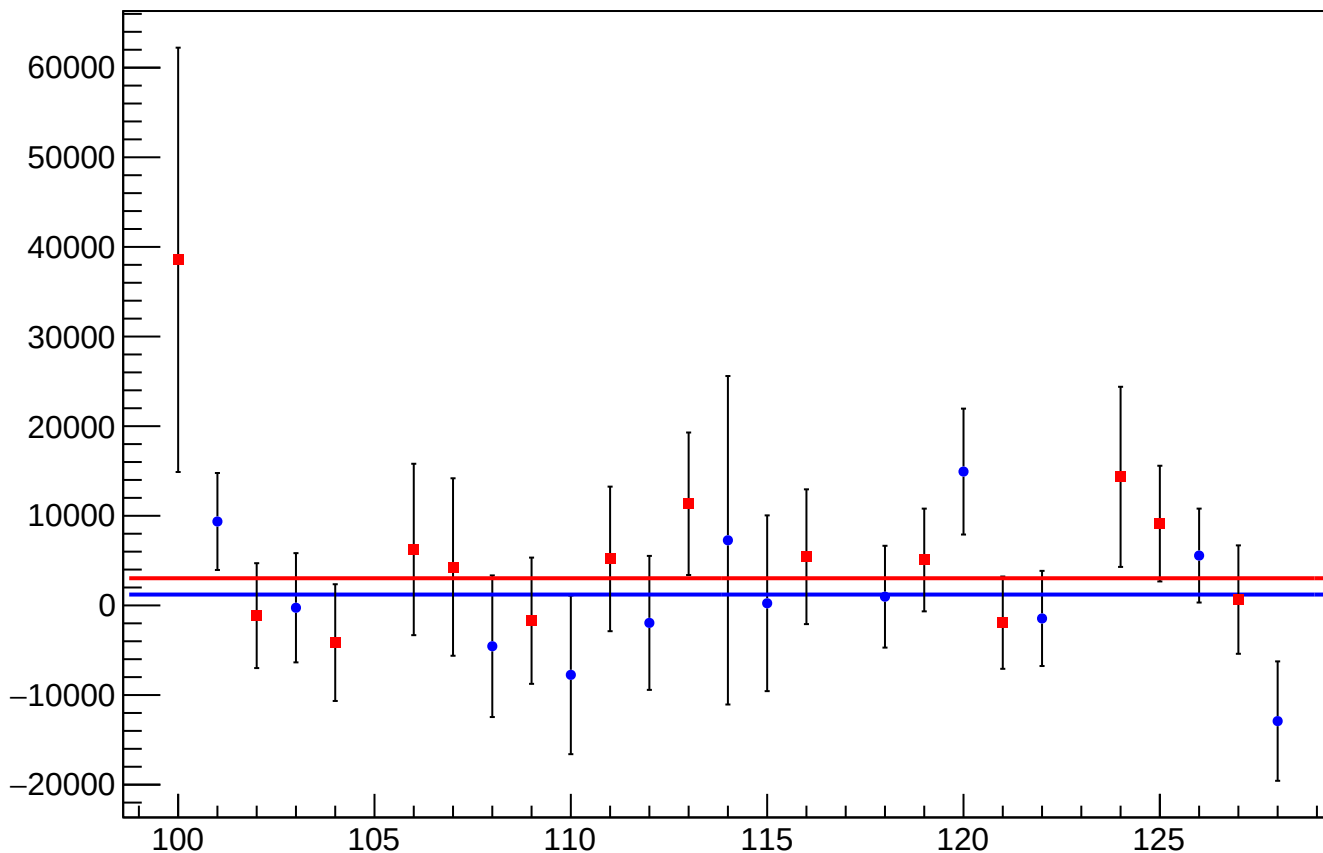
Right Out: 4456.840+/-1.361 χ^2/NDF : 264892.3/13

All: 4384.108+/-0.970 χ^2/NDF : 536973.1/25

- 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: 1211.854+/-1935.727 χ^2/NDF : 13.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3032.673+/-1909.800 χ^2/NDF : 9.2/13

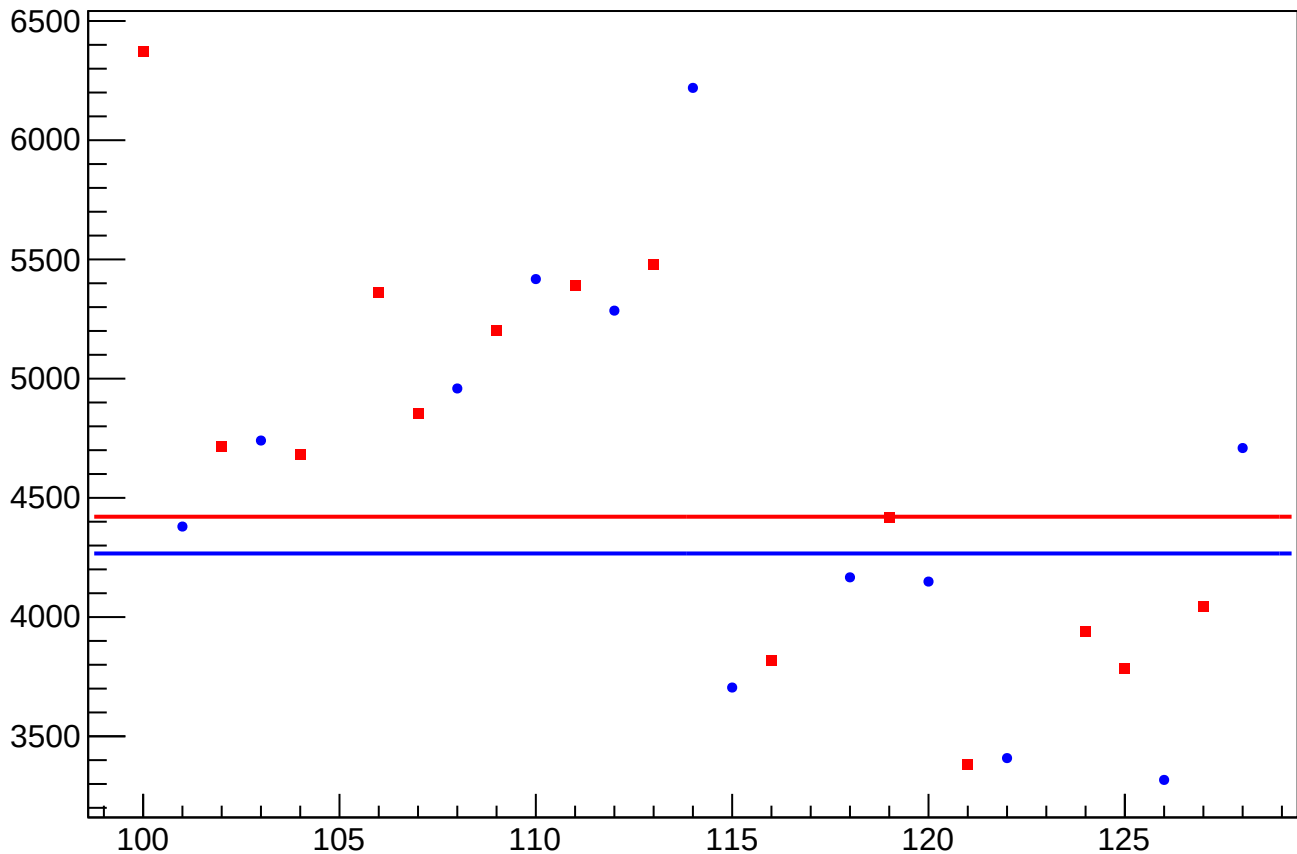
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2134.539+/-1359.506 χ^2/NDF : 23.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_rms vs Slug



Right In: 4266.756 $\pm$ 1.369 χ^2 /NDF: 256545.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4420.933 $\pm$ 1.350 χ^2 /NDF: 260300.8/13

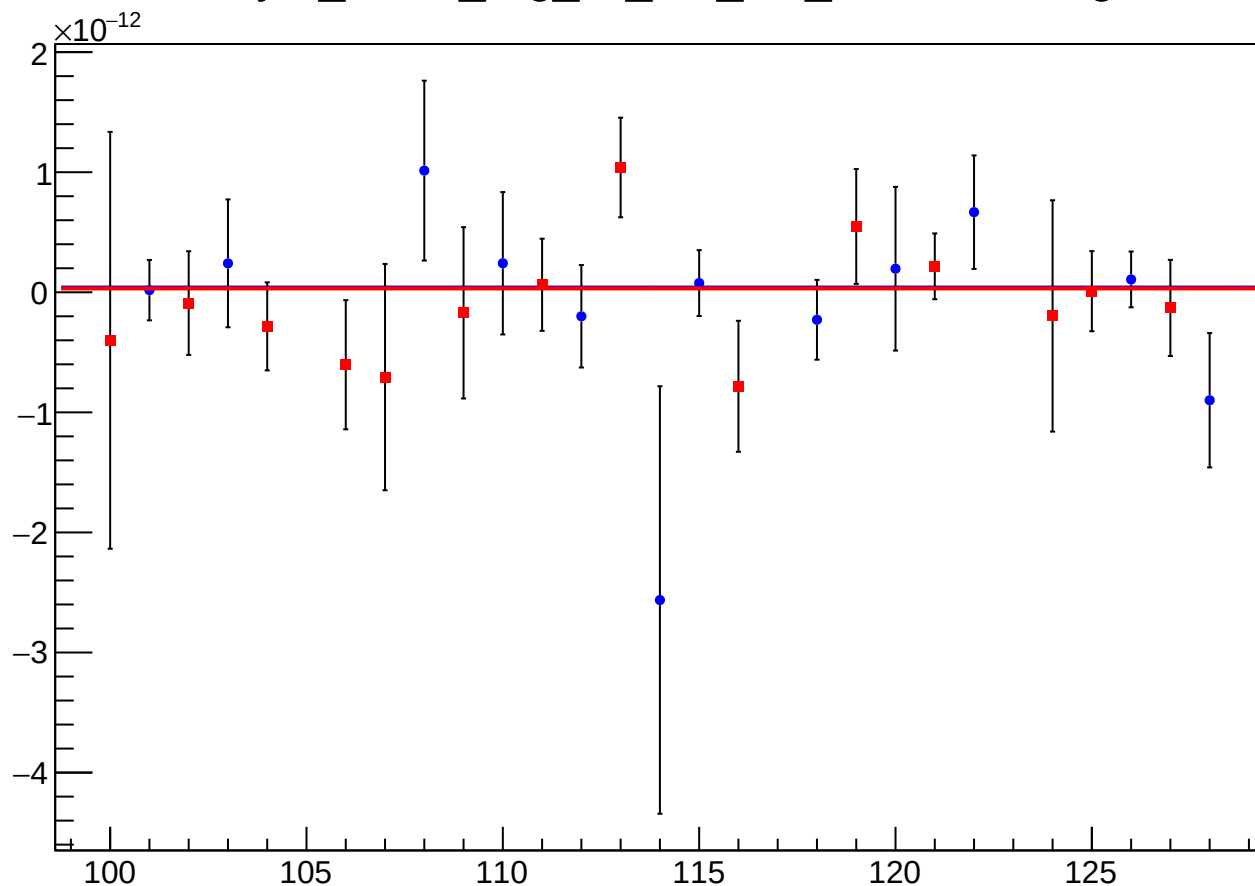
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4344.884 $\pm$ 0.961 χ^2 /NDF: 523275.1/25

- sign 0.000 $\pm$ 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: 9.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.0/13

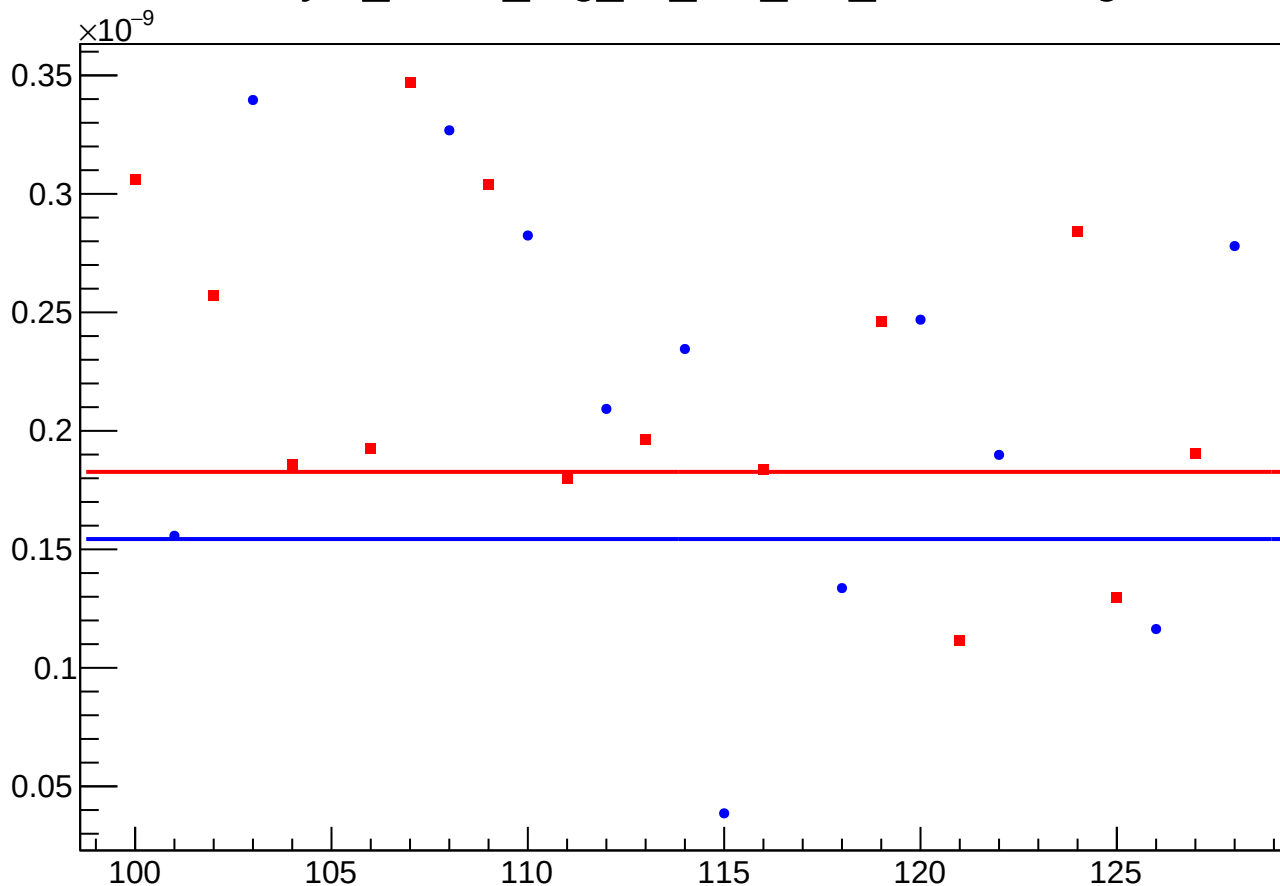
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.8/25

- 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 : 1041610.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 435029.1/13

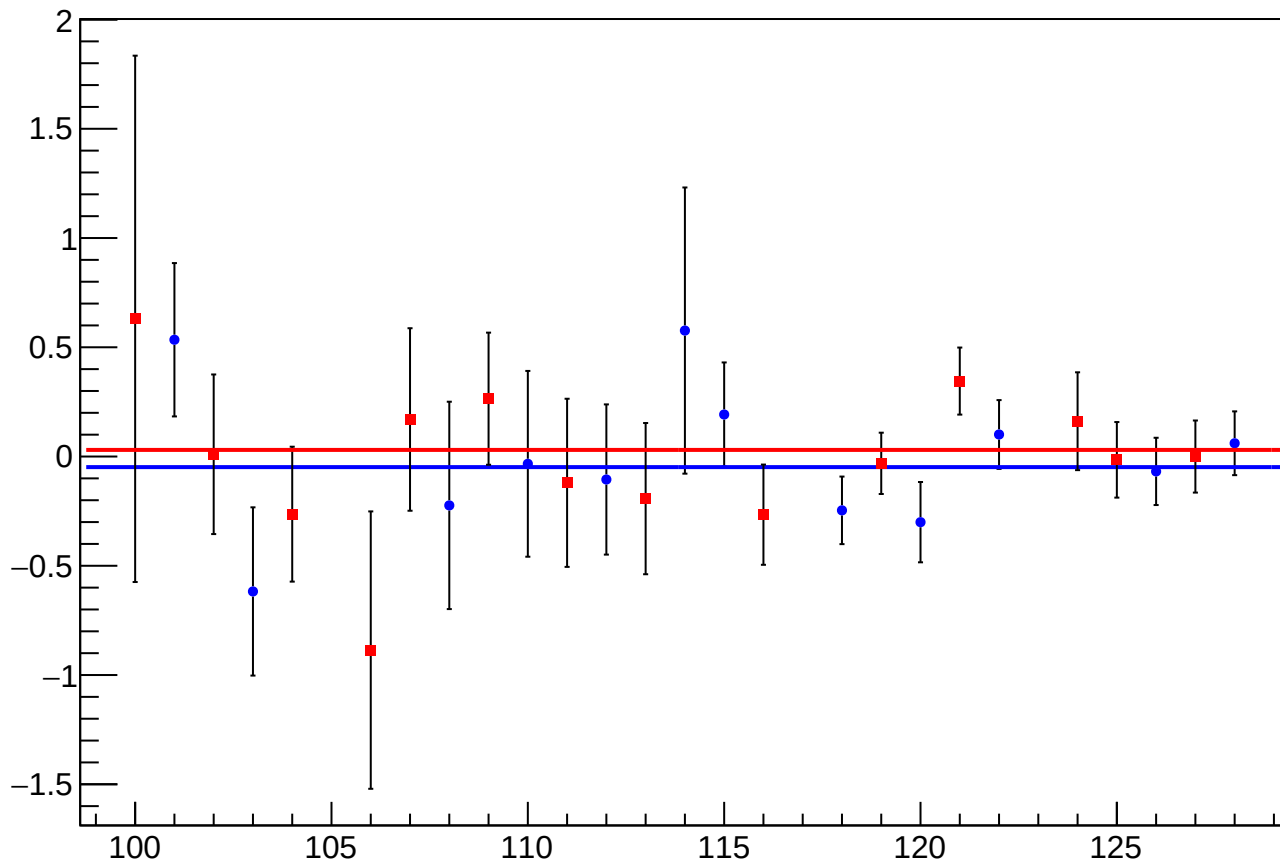
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1536630.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_dit_vs_cor_diff_mean vs Slug



Right In: -0.048 ± 0.063 χ^2/NDF : 12.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.030 ± 0.063 χ^2/NDF : 11.0/13

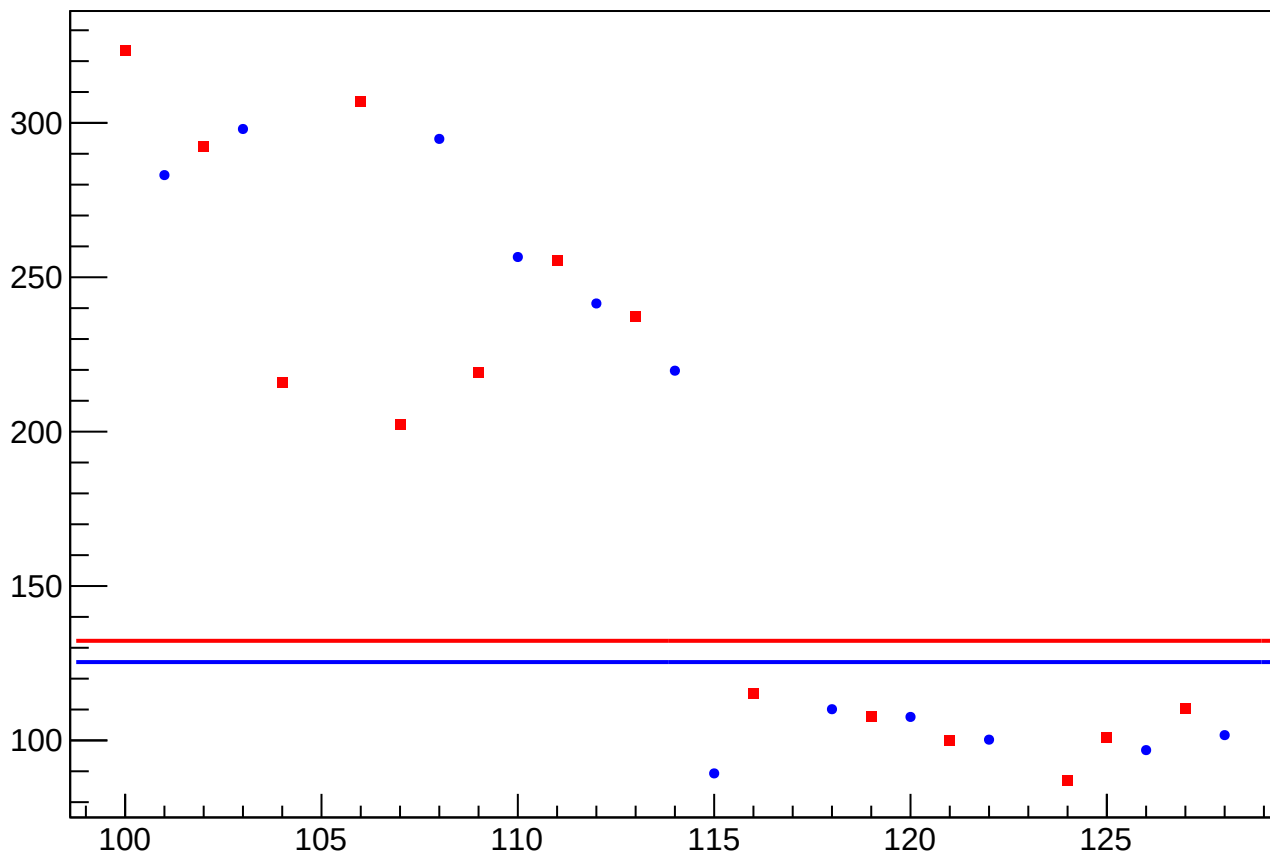
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.044 χ^2/NDF : 23.9/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam2_dit_vs_cor_diff_rms vs Slug



Right In: 125.367+/-0.044 χ^2/NDF : 1777775.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.255+/-0.044 χ^2/NDF : 1687919.2/13

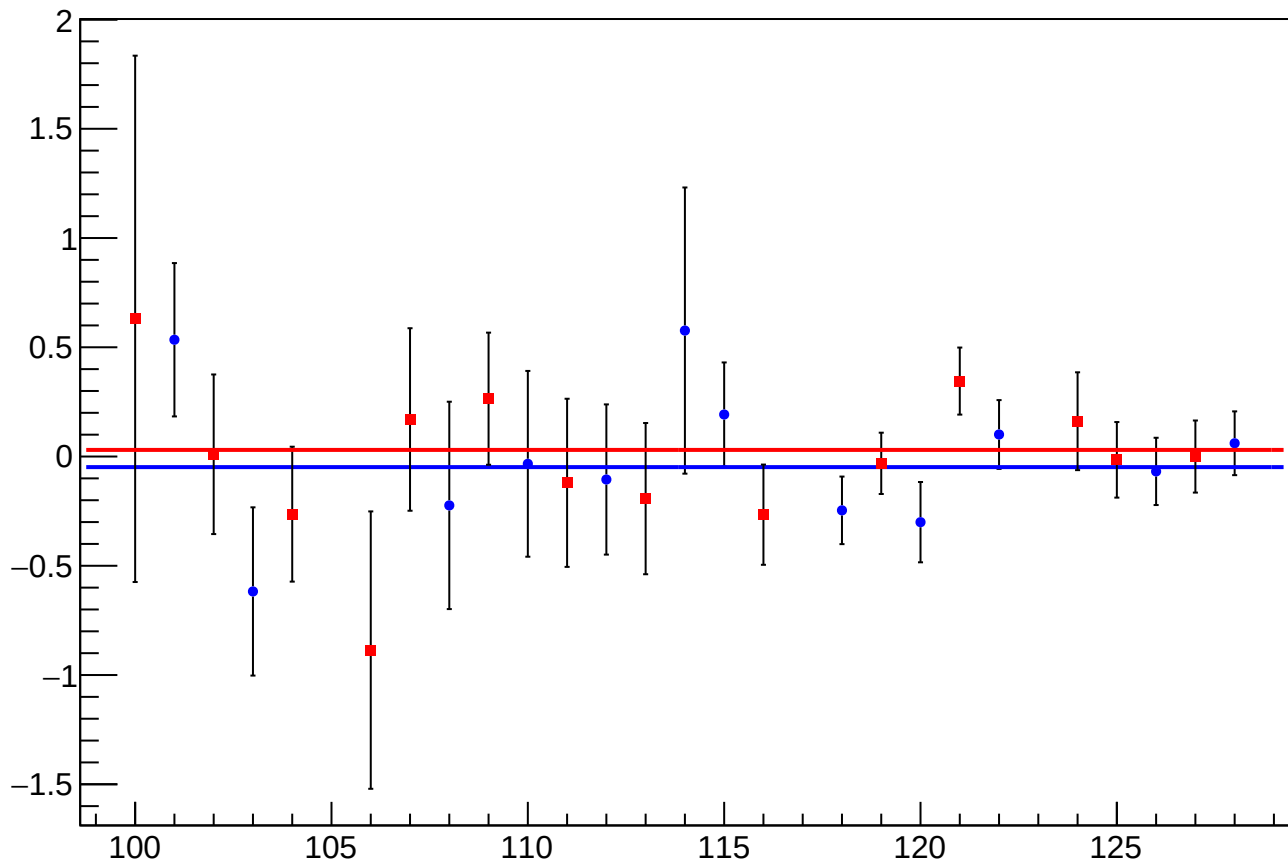
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.819+/-0.031 χ^2/NDF : 3477785.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.048 ± 0.063 χ^2/NDF : 12.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.030 ± 0.063 χ^2/NDF : 11.0/13

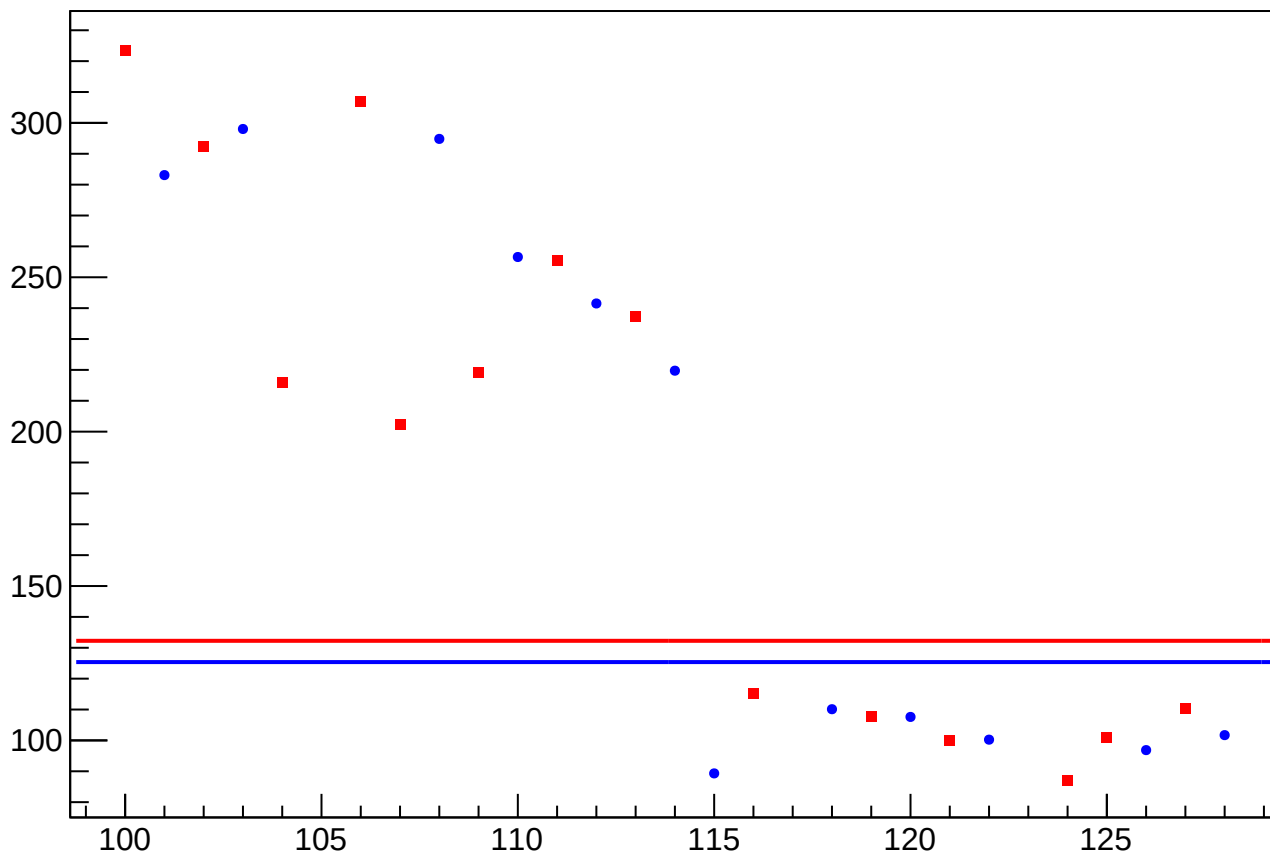
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.044 χ^2/NDF : 23.9/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam2_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 125.367+/-0.044 χ^2/NDF : 1777775.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

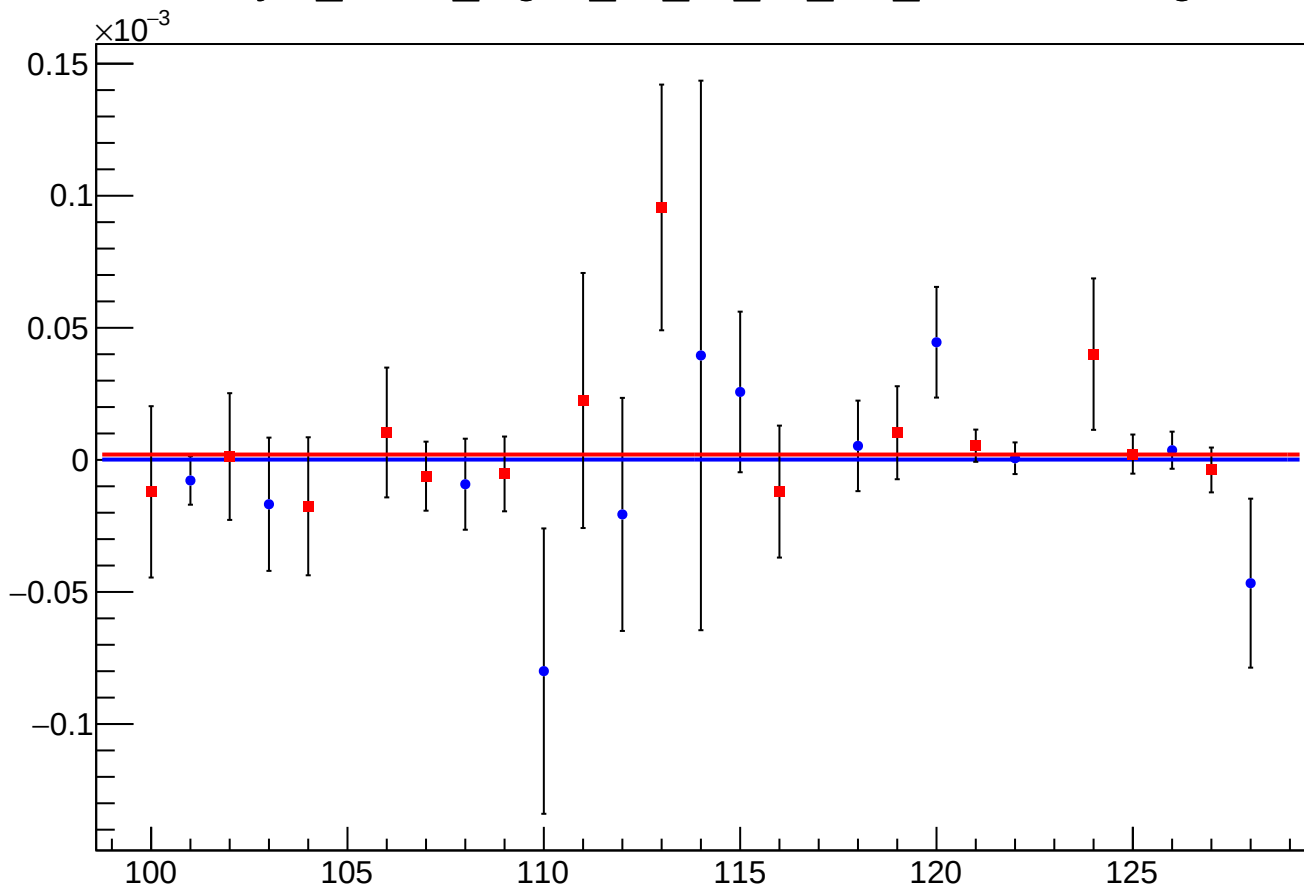
Right Out: 132.255+/-0.044 χ^2/NDF : 1687919.2/13

All: 128.819+/-0.031 χ^2/NDF : 3477785.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.8/13

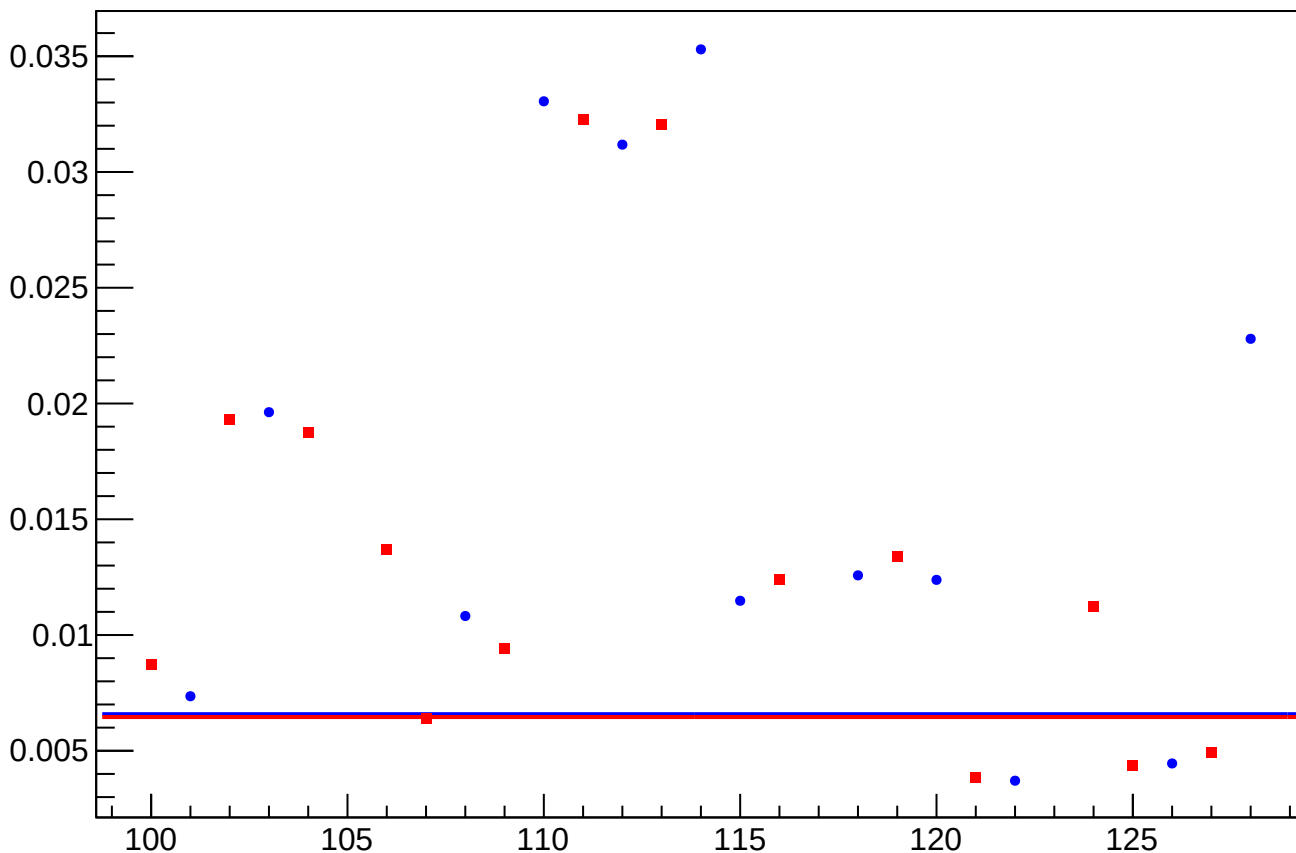
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 20.7/25

- 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 : 3531955.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 3537265.9/13

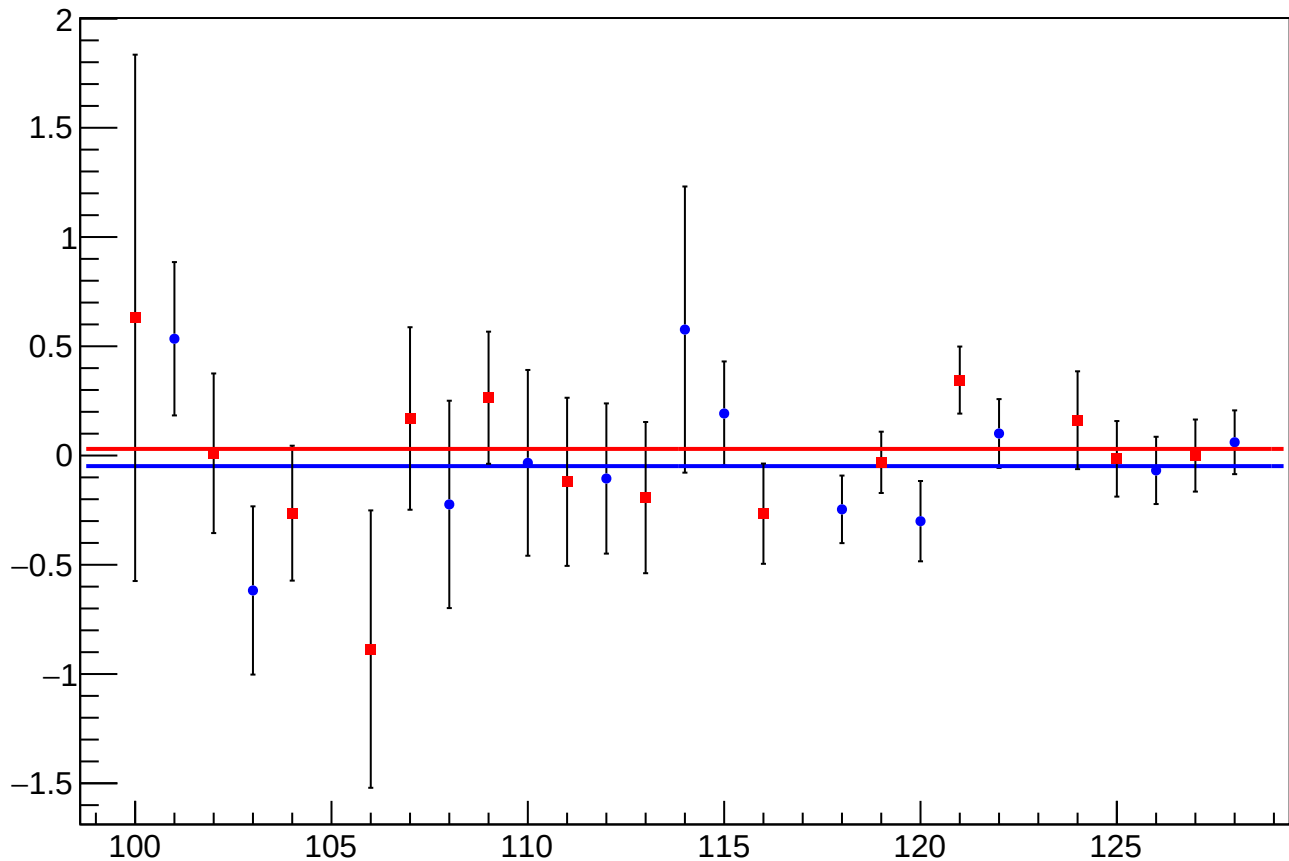
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 7070423.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.048 $\pm$ 0.063 χ^2 /NDF: 12.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.030 $\pm$ 0.063 χ^2 /NDF: 11.0/13

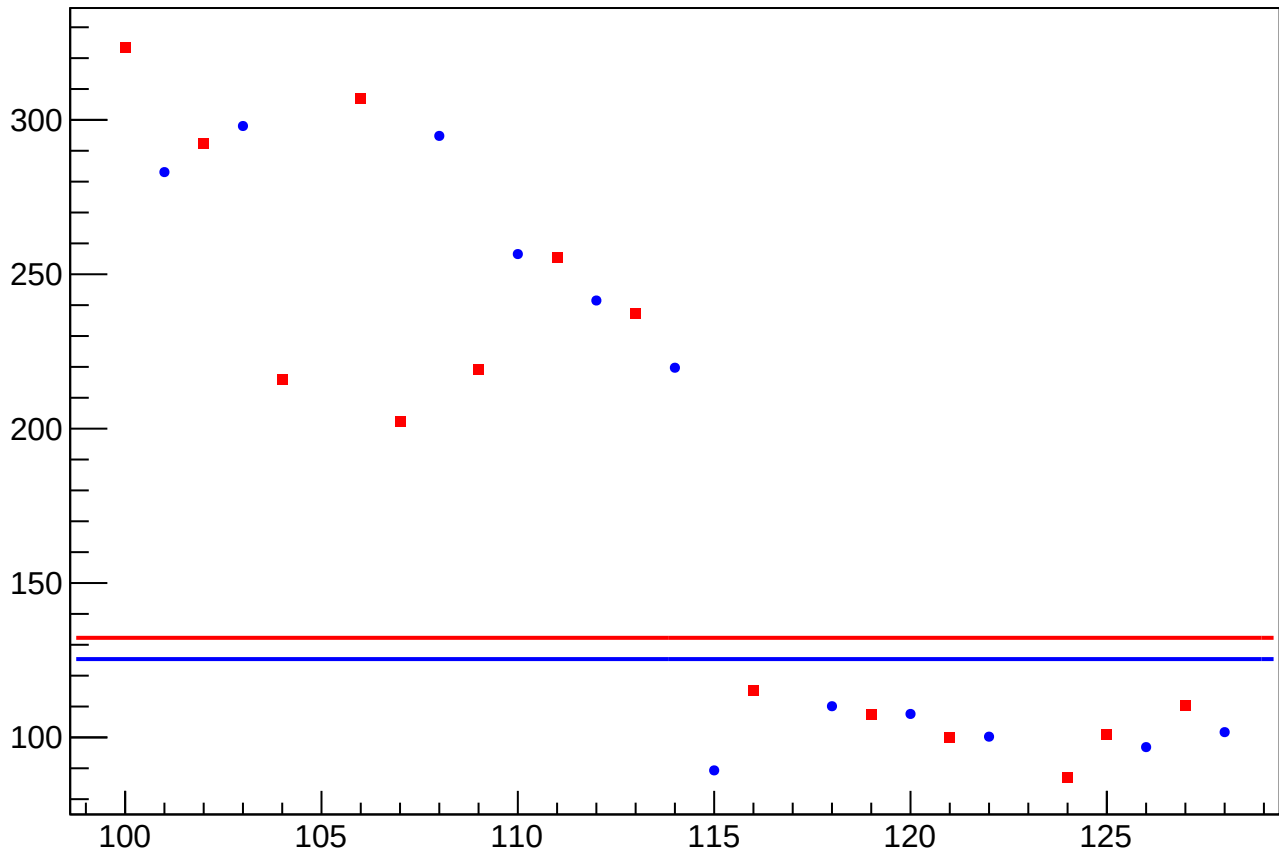
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.009 $\pm$ 0.044 χ^2 /NDF: 23.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 125.365 $\pm$ 0.044 χ^2 /NDF: 1777728.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 132.254 $\pm$ 0.044 χ^2 /NDF: 1687863.9/13

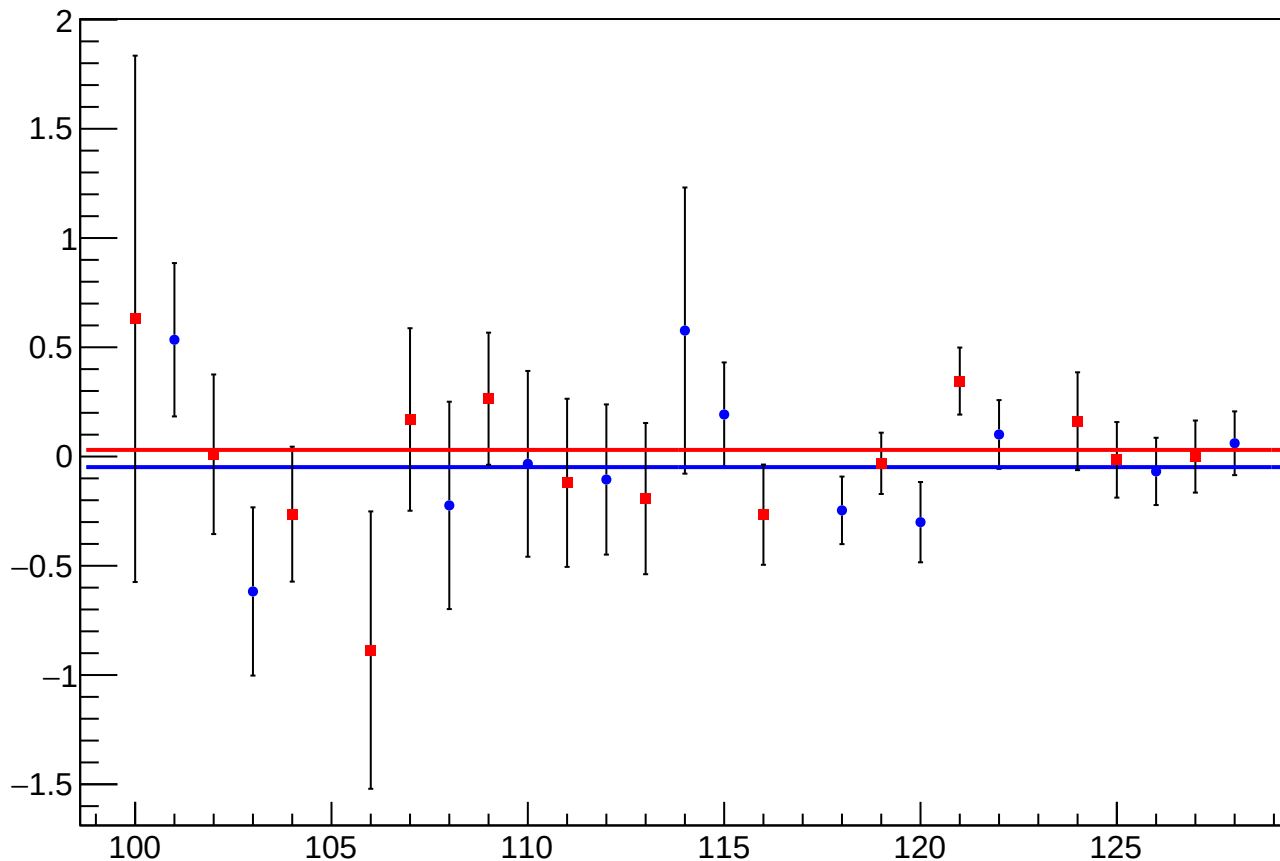
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 128.817 $\pm$ 0.031 χ^2 /NDF: 3477685.8/25

- 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: -0.048 ± 0.063 χ^2/NDF : 12.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.030 ± 0.063 χ^2/NDF : 11.0/13

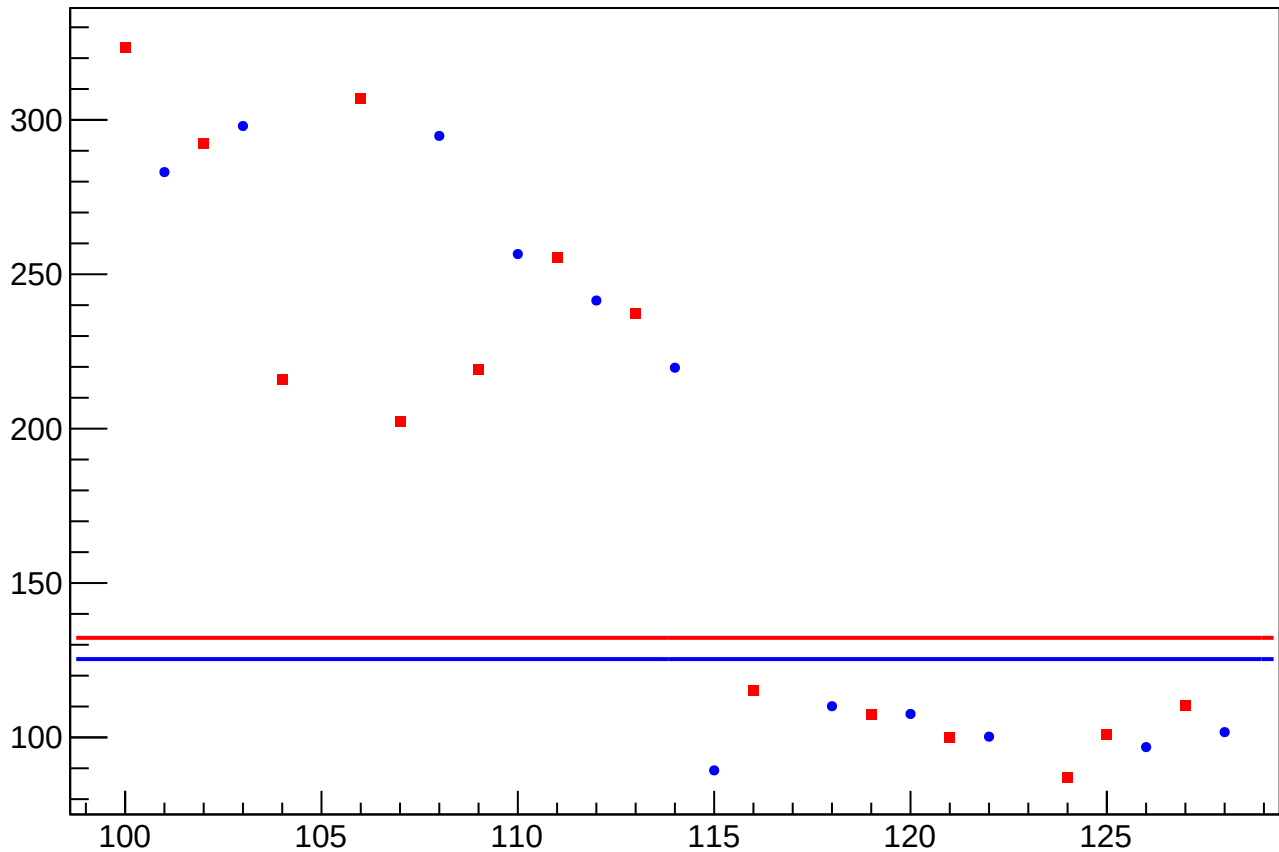
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.044 χ^2/NDF : 23.9/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 125.365+/-0.044 χ^2/NDF : 1777728.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.254+/-0.044 χ^2/NDF : 1687863.9/13

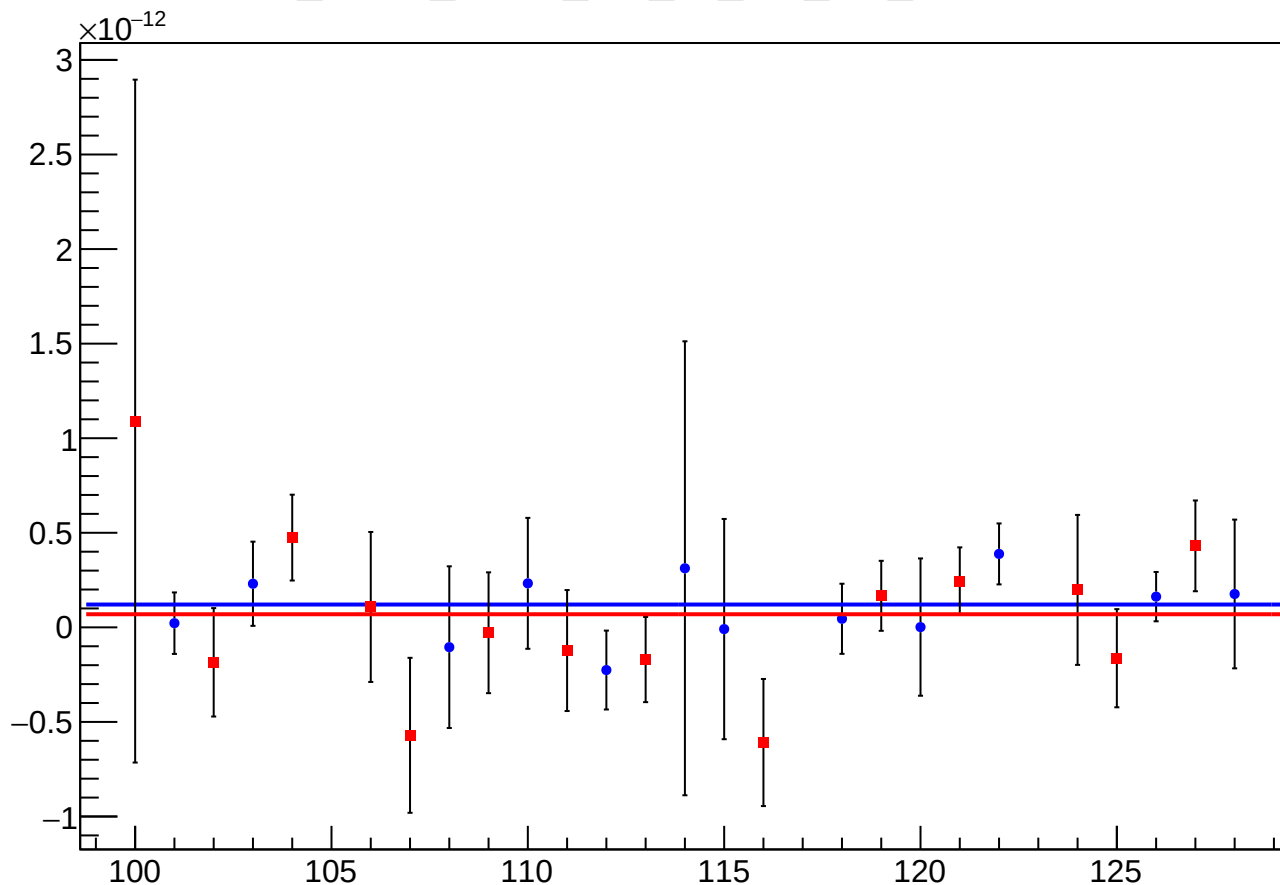
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.817+/-0.031 χ^2/NDF : 3477685.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.8/13

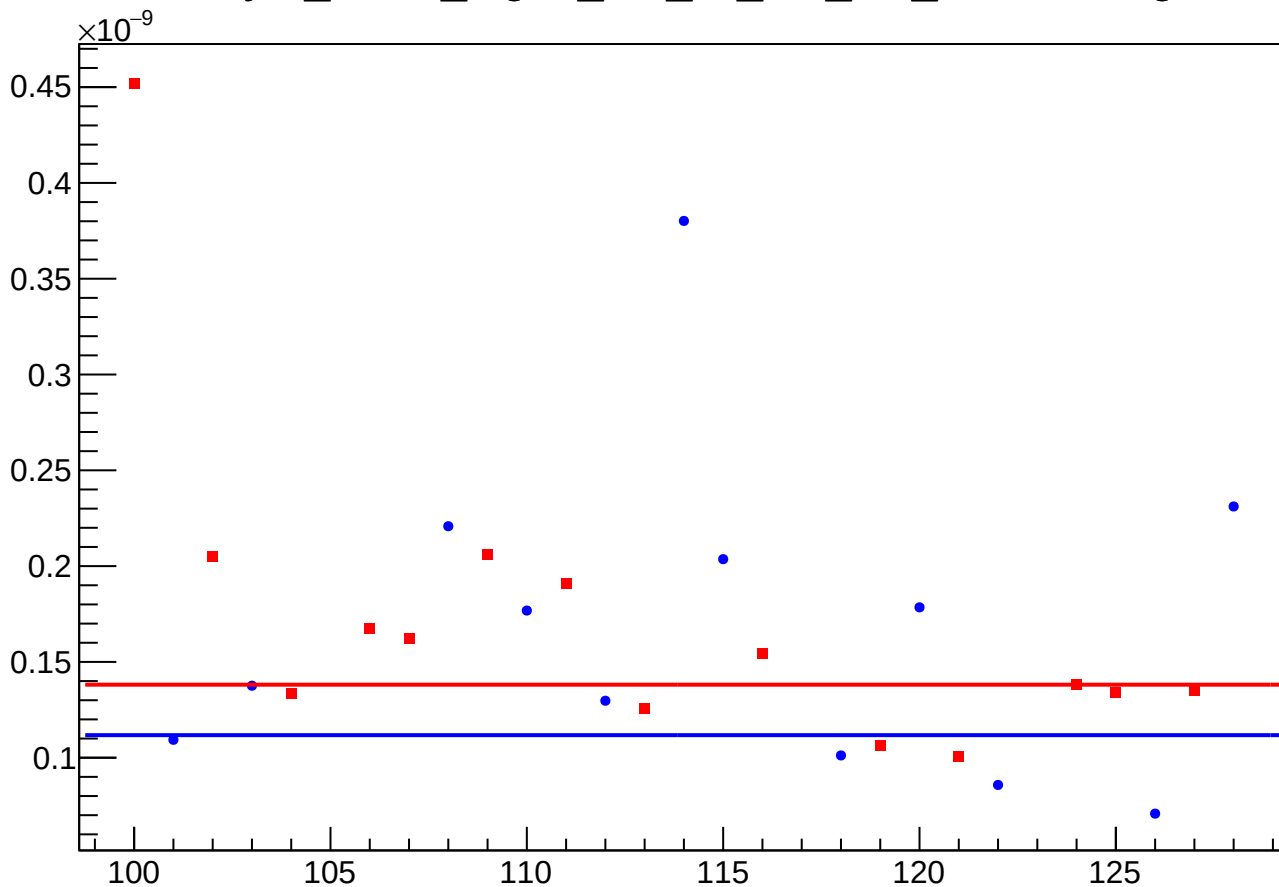
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 24.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 900359.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 493200.1/13

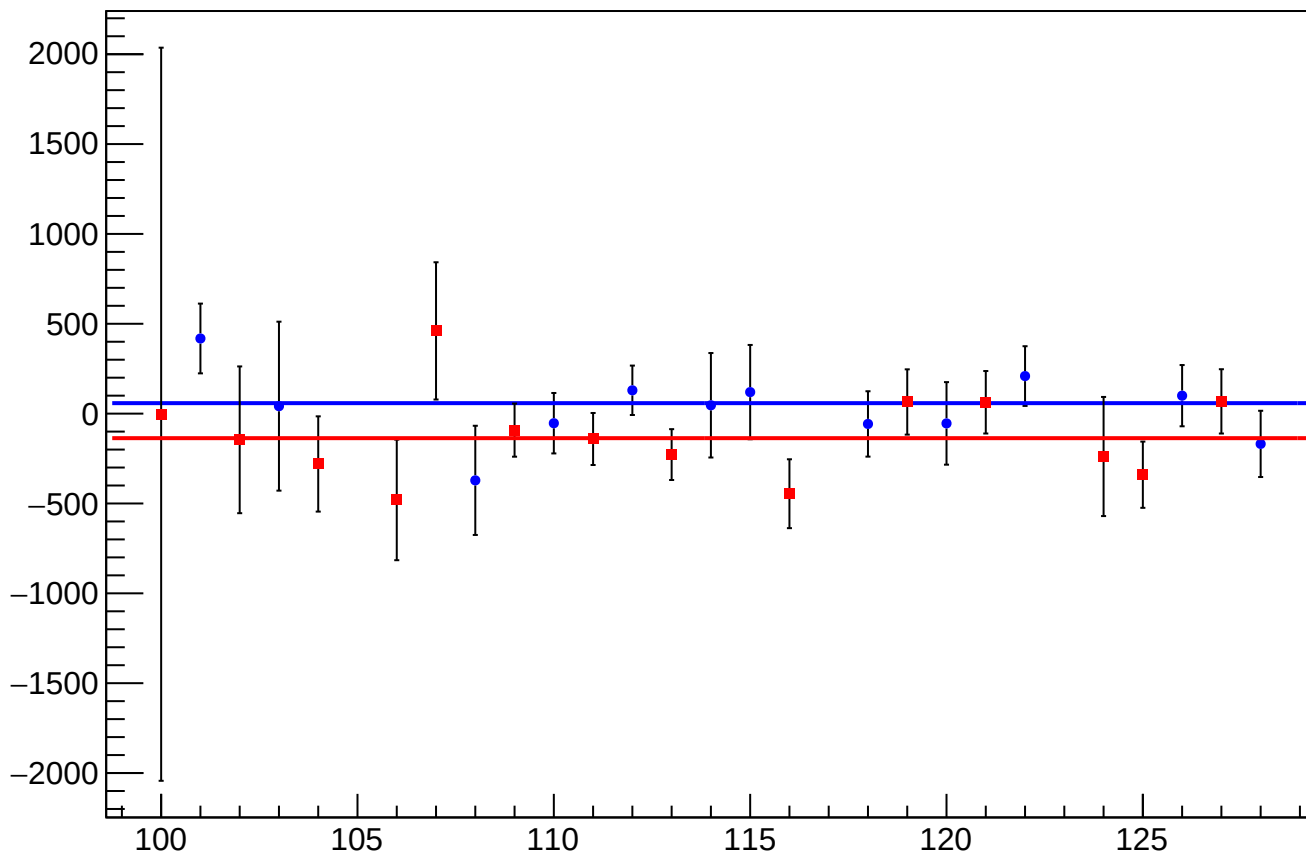
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 1541098.5/25

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_mean vs Slug



Right In: 58.297 $\pm$ 57.186 χ^2 /NDF: 9.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -136.534 $\pm$ 54.226 χ^2 /NDF: 12.1/13

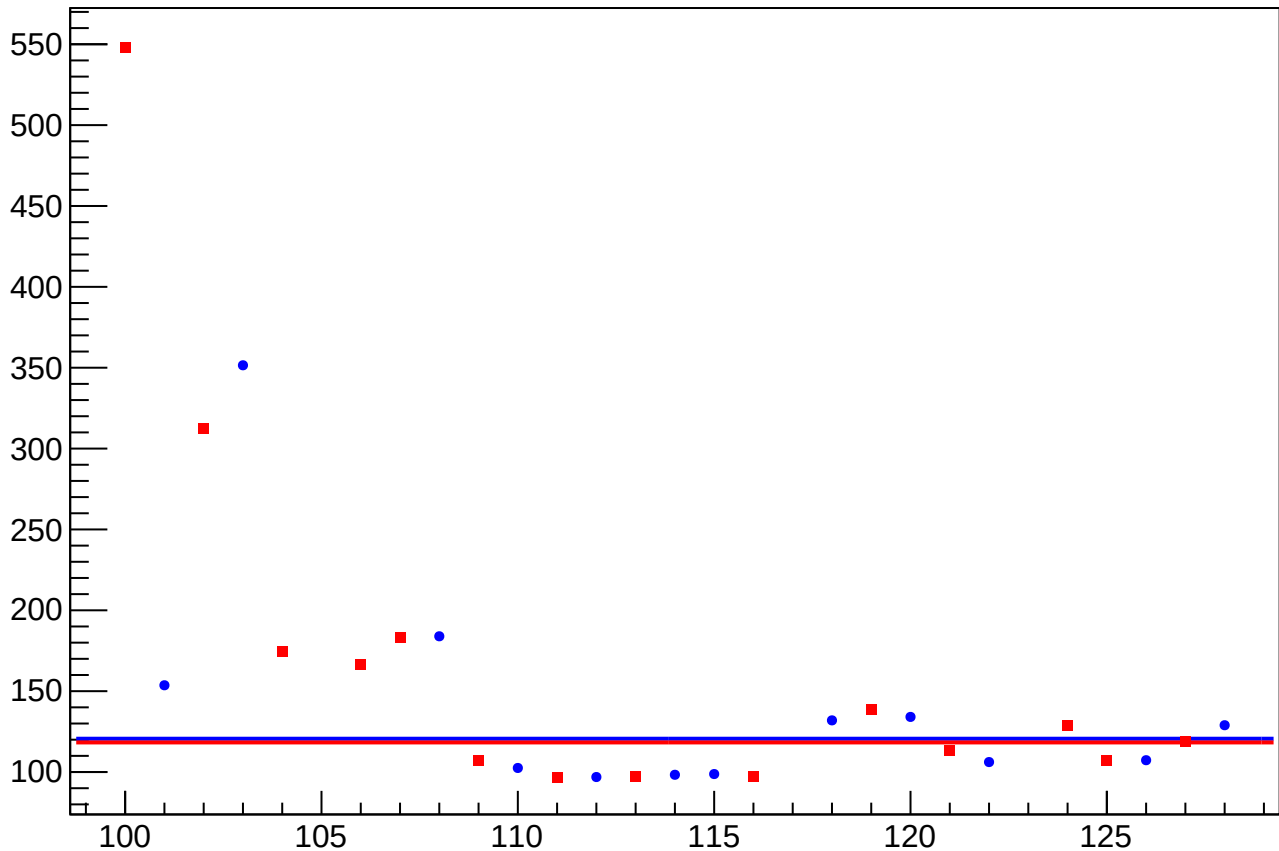
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -44.291 $\pm$ 39.348 χ^2 /NDF: 27.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam3_rms vs Slug



Right In: 120.596 $\pm$ 0.040 χ^2 /NDF: 781491.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 118.303 $\pm$ 0.038 χ^2 /NDF: 890264.0/13

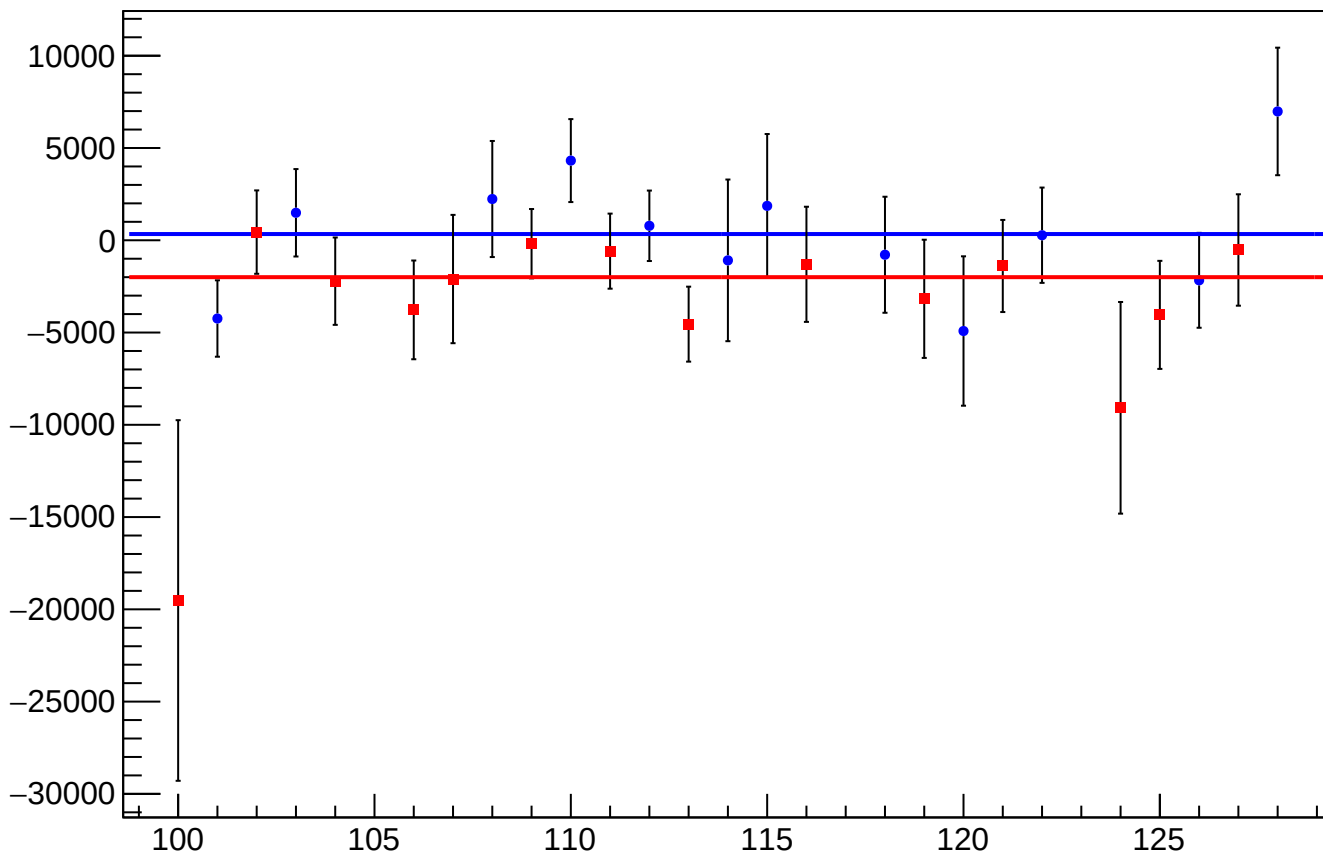
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 119.389 $\pm$ 0.028 χ^2 /NDF: 1673448.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_reg_correction_mean vs Slug



Right In: 337.332+/-778.486 χ^2/NDF : 15.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1999.510+/-708.478 χ^2/NDF : 10.3/13

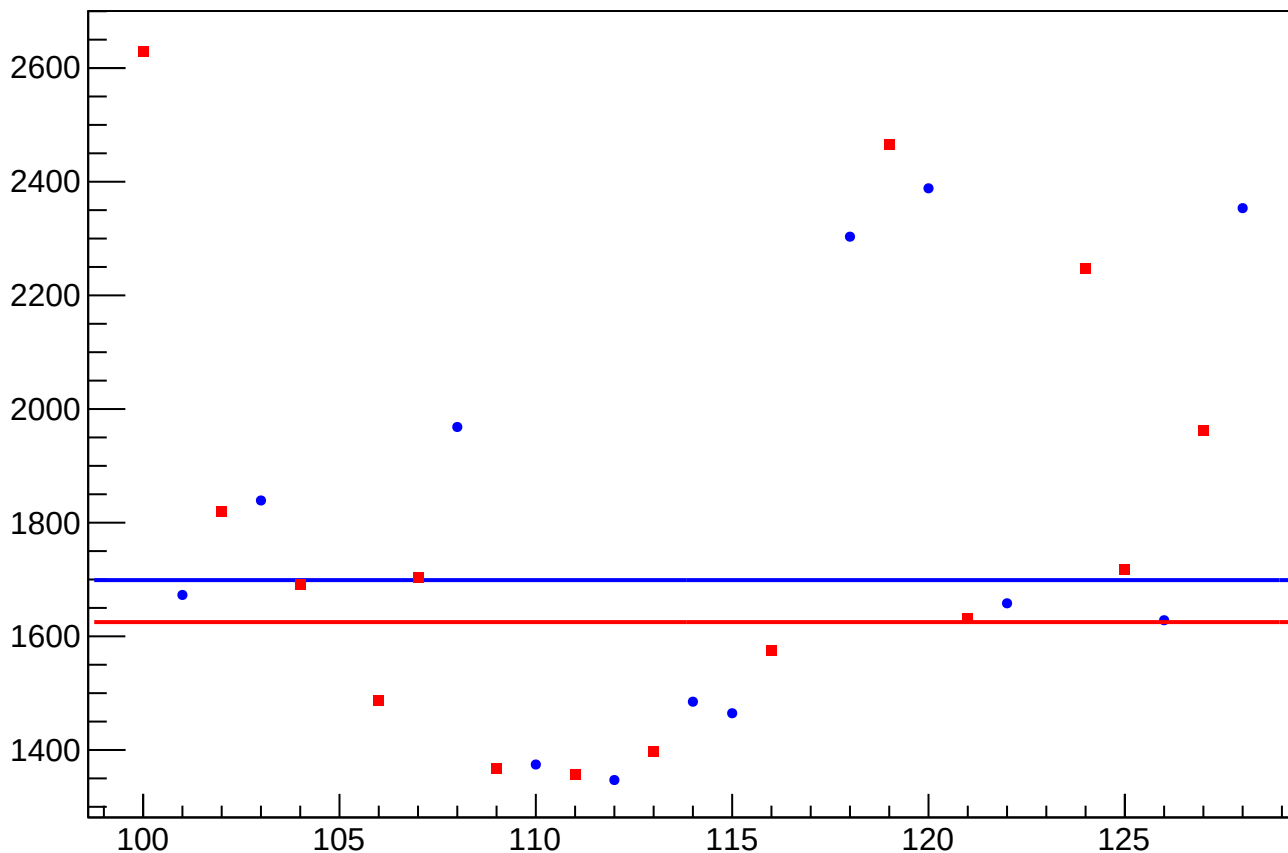
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -940.867+/-523.976 χ^2/NDF : 30.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_reg_correction_rms vs Slug



Right In: 1698.925+/-0.550 χ^2/NDF : 349328.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1625.053+/-0.501 χ^2/NDF : 329781.4/13

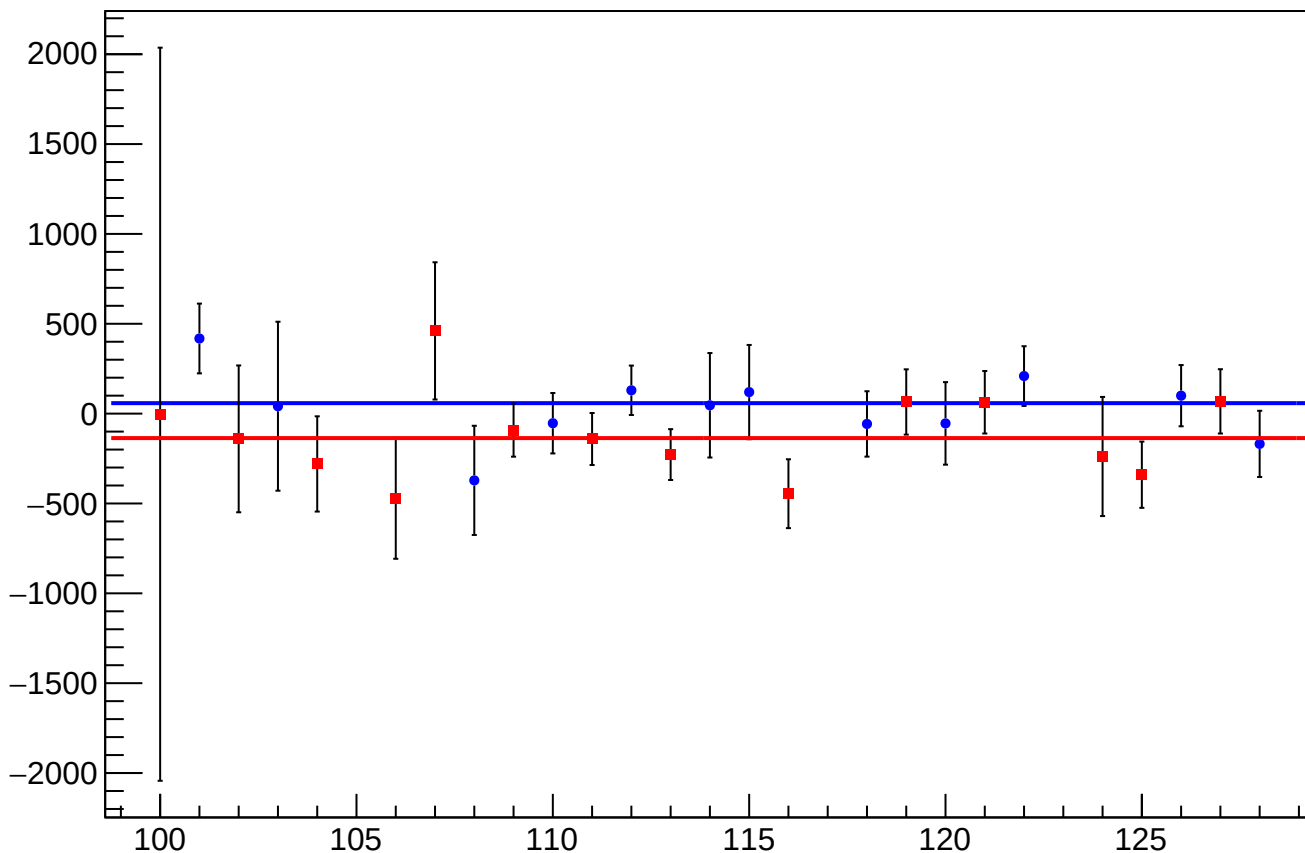
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1658.519+/-0.371 χ^2/NDF : 688960.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam3_mean vs Slug



Right In: 58.280+/-57.186 χ^2/NDF : 9.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -136.136+/-54.231 χ^2/NDF : 12.0/13

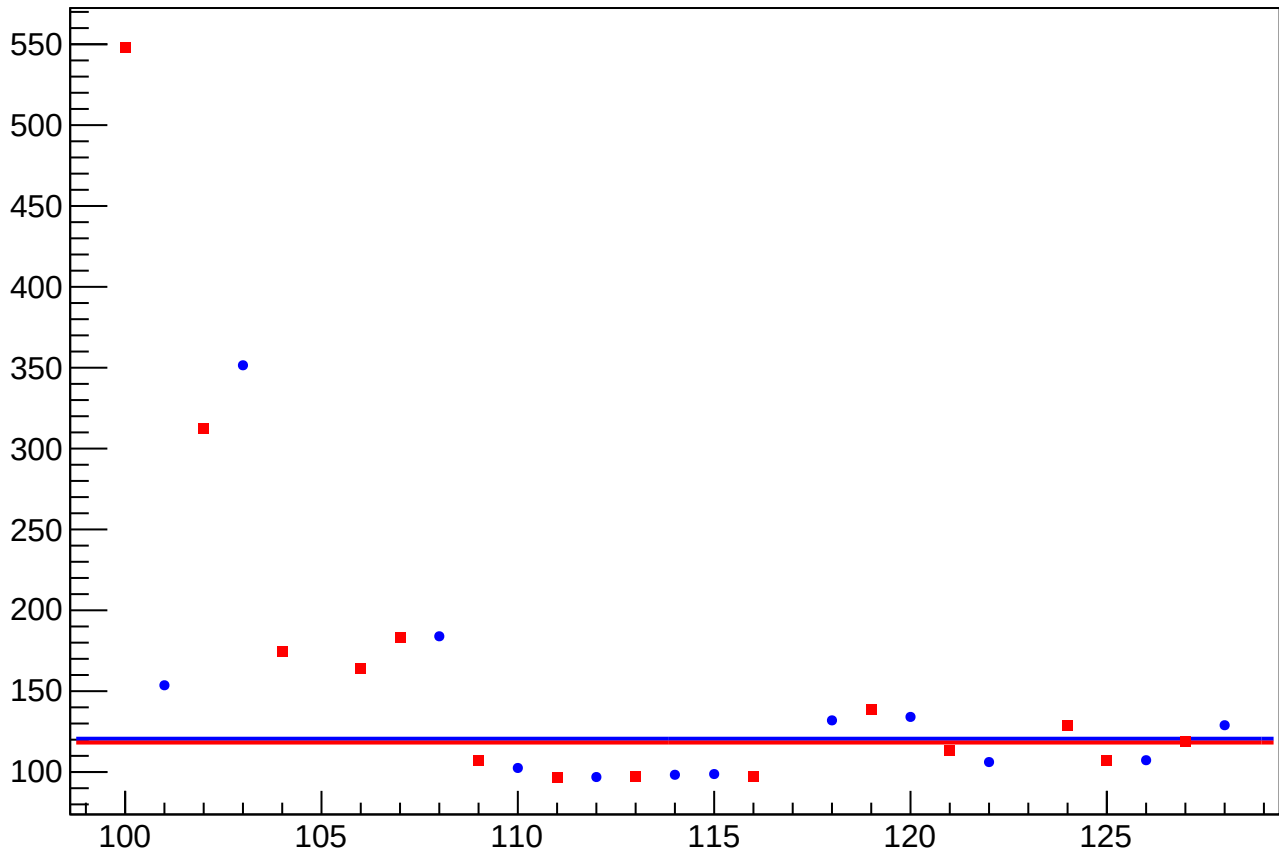
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.080+/-39.350 χ^2/NDF : 27.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam3_rms vs Slug



Right In: 120.596 $\pm$ 0.040 χ^2 /NDF: 781493.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 118.230 $\pm$ 0.038 χ^2 /NDF: 886093.0/13

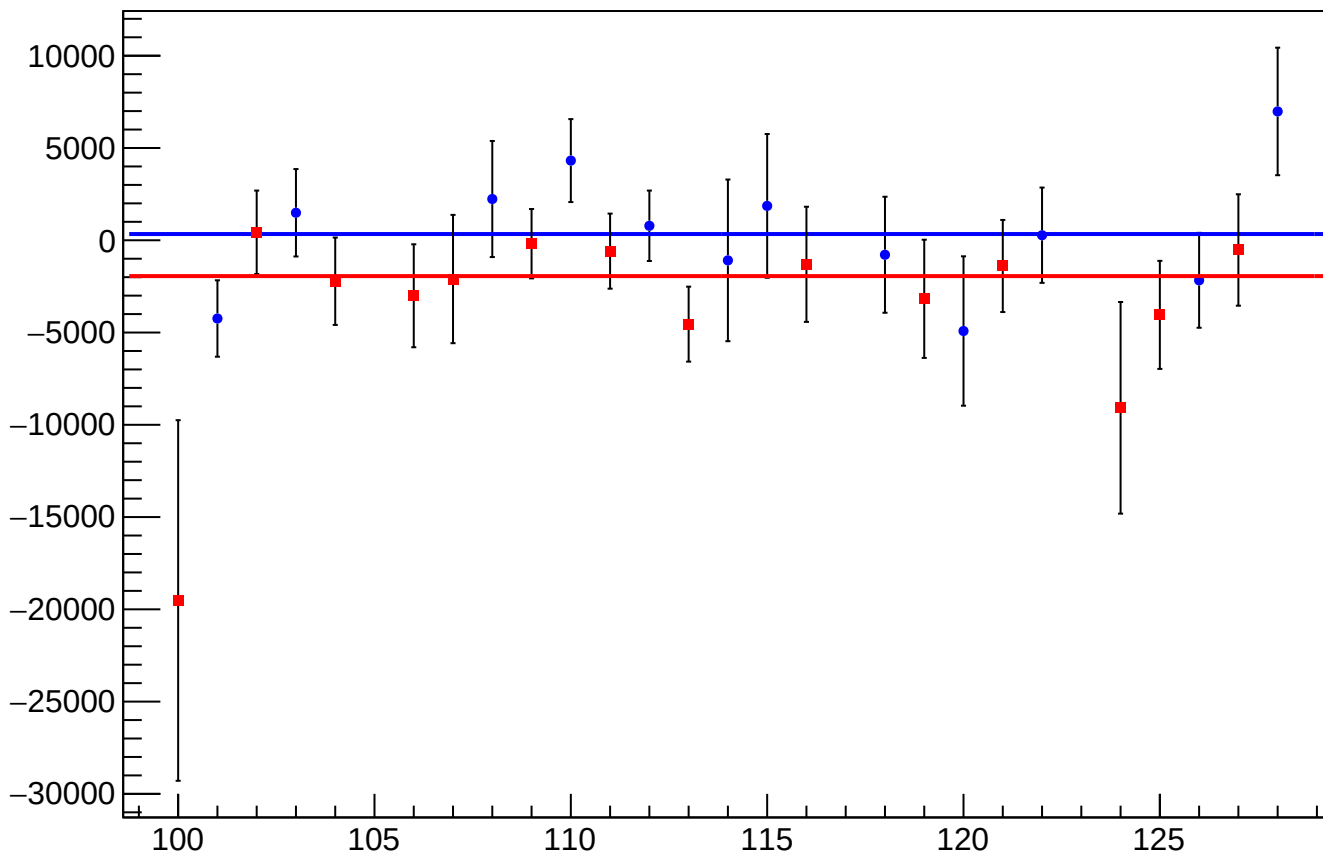
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 119.351 $\pm$ 0.028 χ^2 /NDF: 1669388.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_cor_correction_mean vs Slug



Right In: 337.374+/-778.495 χ^2/NDF : 15.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1941.685+/-710.557 χ^2/NDF : 10.0/13

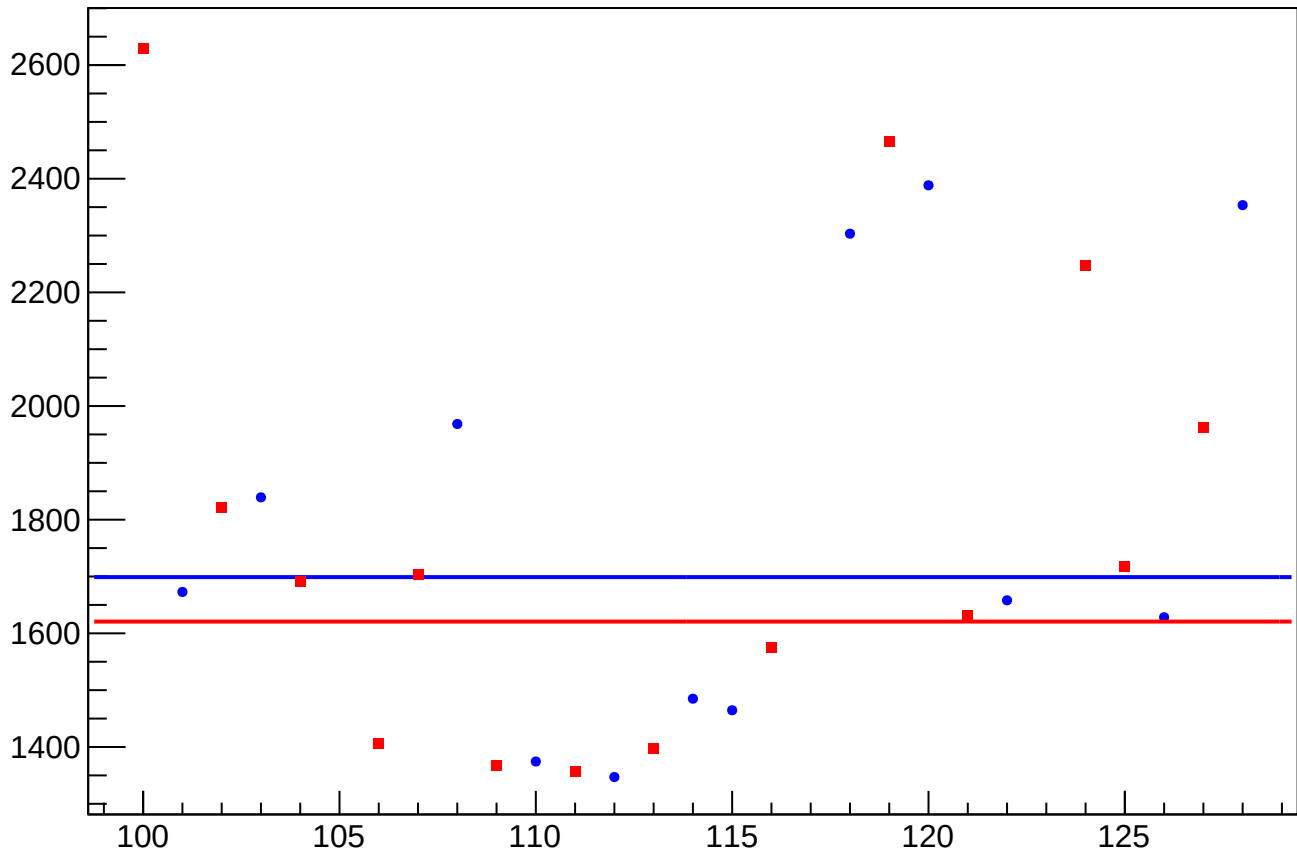
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -905.922+/-524.818 χ^2/NDF : 30.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_cor_correction_rms vs Slug



Right In: 1698.943+/-0.550 χ^2/NDF : 349347.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

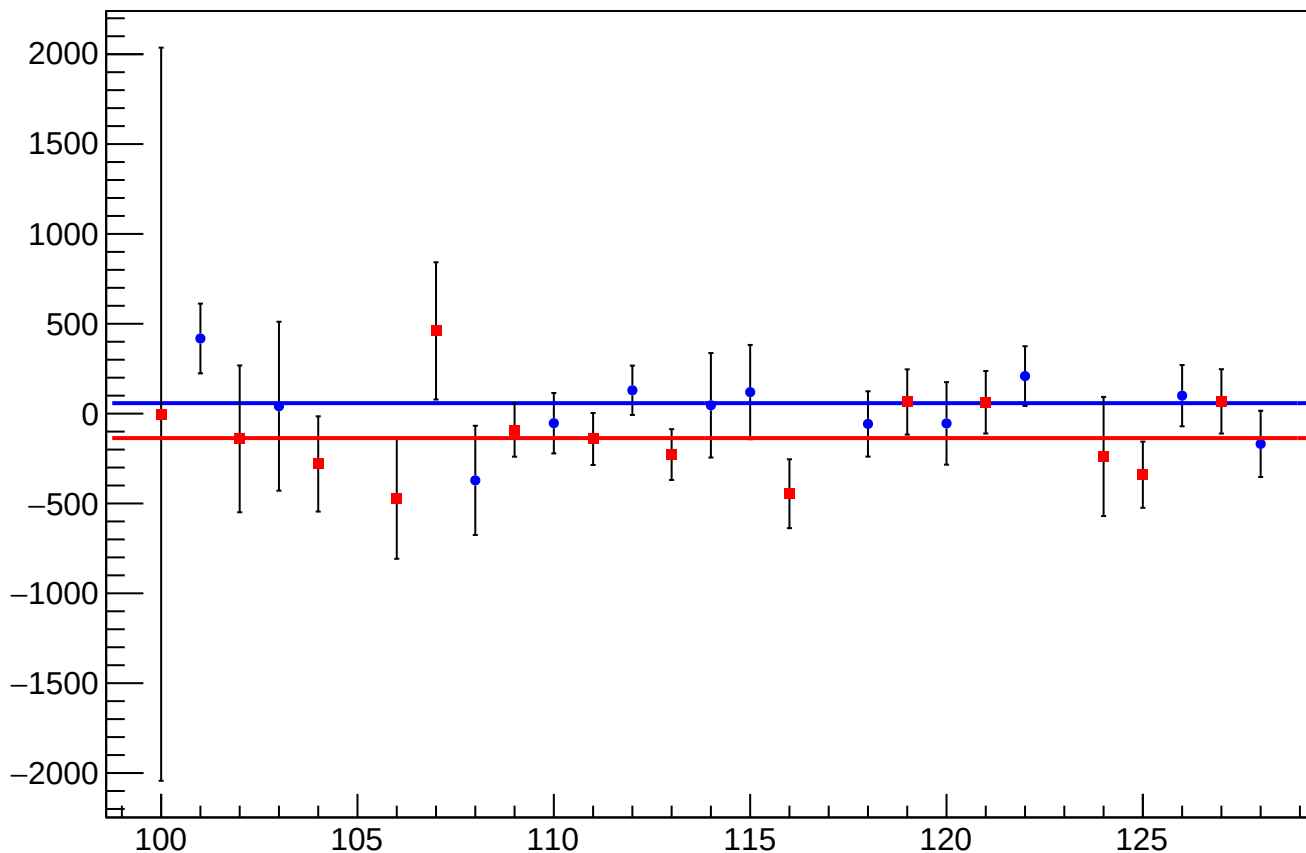
Right Out: 1620.697+/-0.502 χ^2/NDF : 336903.5/13

All: 1656.257+/-0.371 χ^2/NDF : 697273.3/25

- 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_sam3_mean vs Slug



Right In: 58.280+/-57.186 χ^2/NDF : 9.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -136.136+/-54.231 χ^2/NDF : 12.0/13

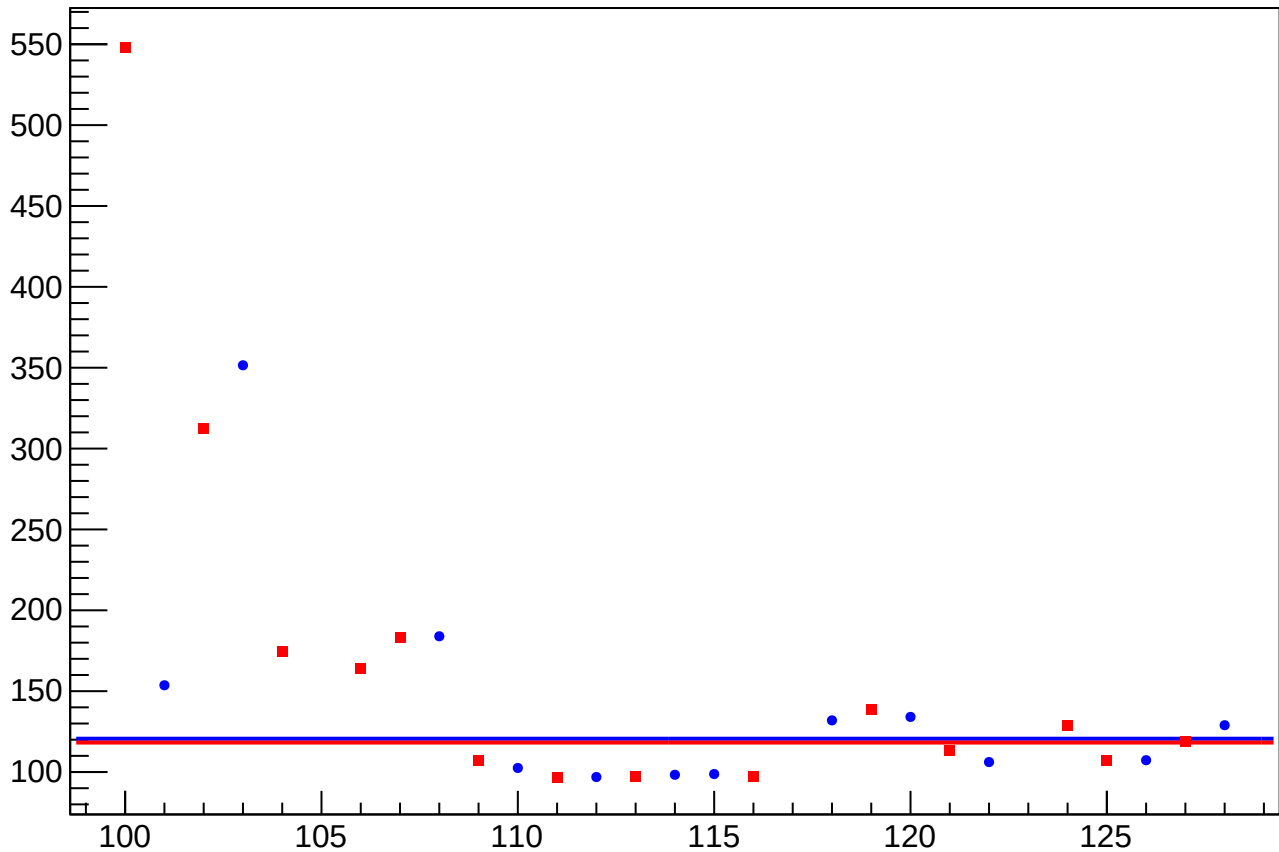
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.080+/-39.350 χ^2/NDF : 27.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam3_rms vs Slug



Right In: 120.596 $\pm$ 0.040 χ^2 /NDF: 781493.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 118.230 $\pm$ 0.038 χ^2 /NDF: 886093.0/13

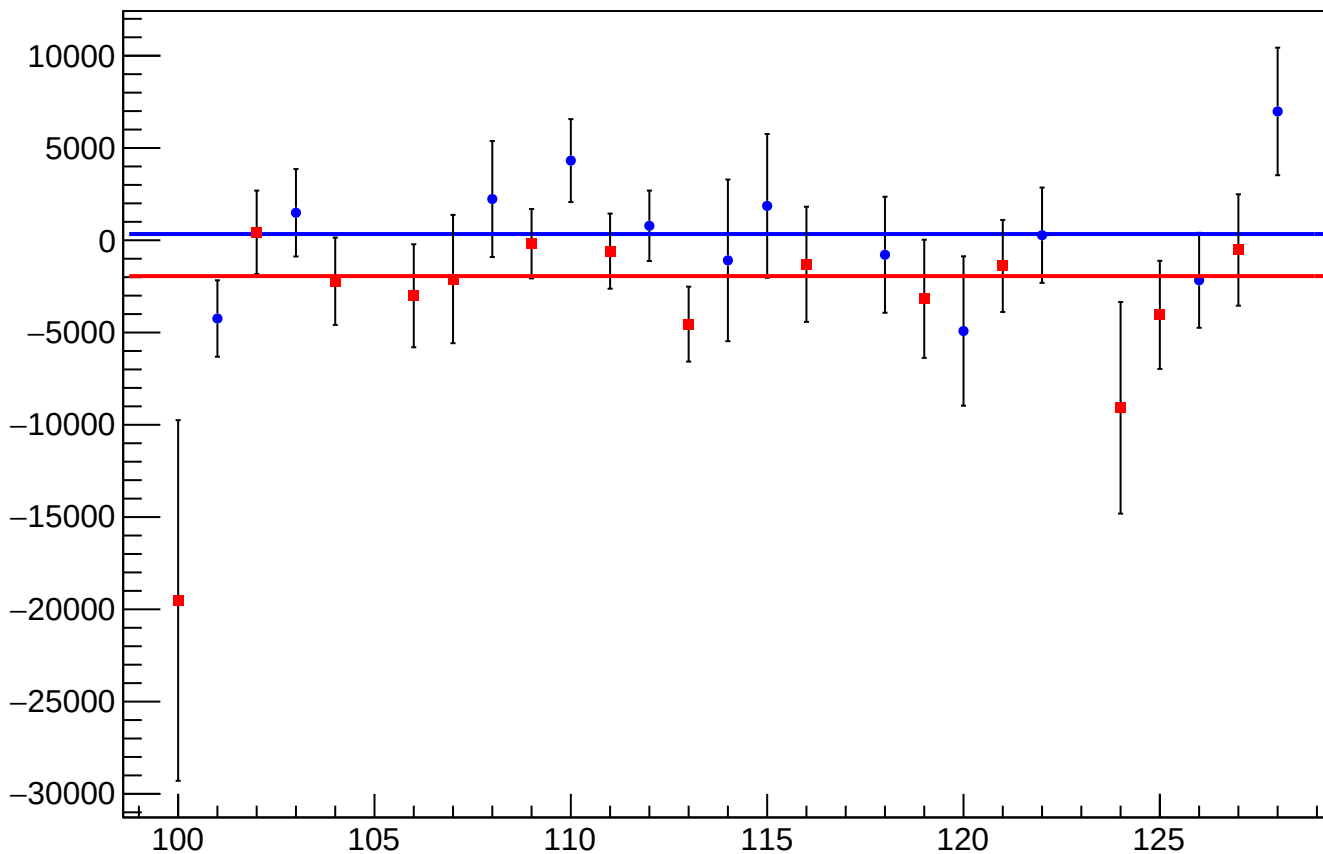
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 119.351 $\pm$ 0.028 χ^2 /NDF: 1669388.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_cor_correction_mean vs Slug



Right In: 337.374+/-778.495 χ^2/NDF : 15.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1941.685+/-710.557 χ^2/NDF : 10.0/13

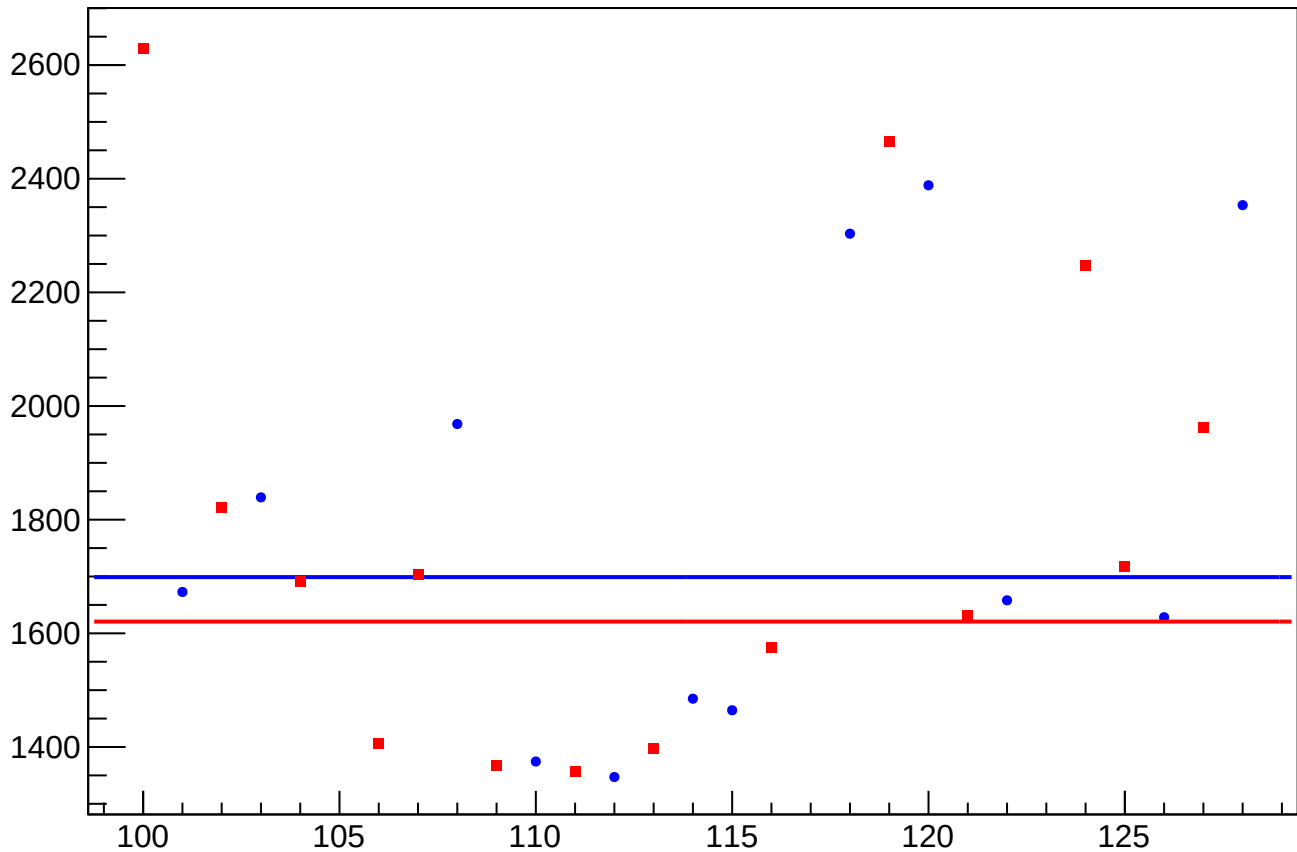
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -905.922+/-524.818 χ^2/NDF : 30.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_cor_correction_rms vs Slug



Right In: 1698.943+/-0.550 χ^2/NDF : 349347.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

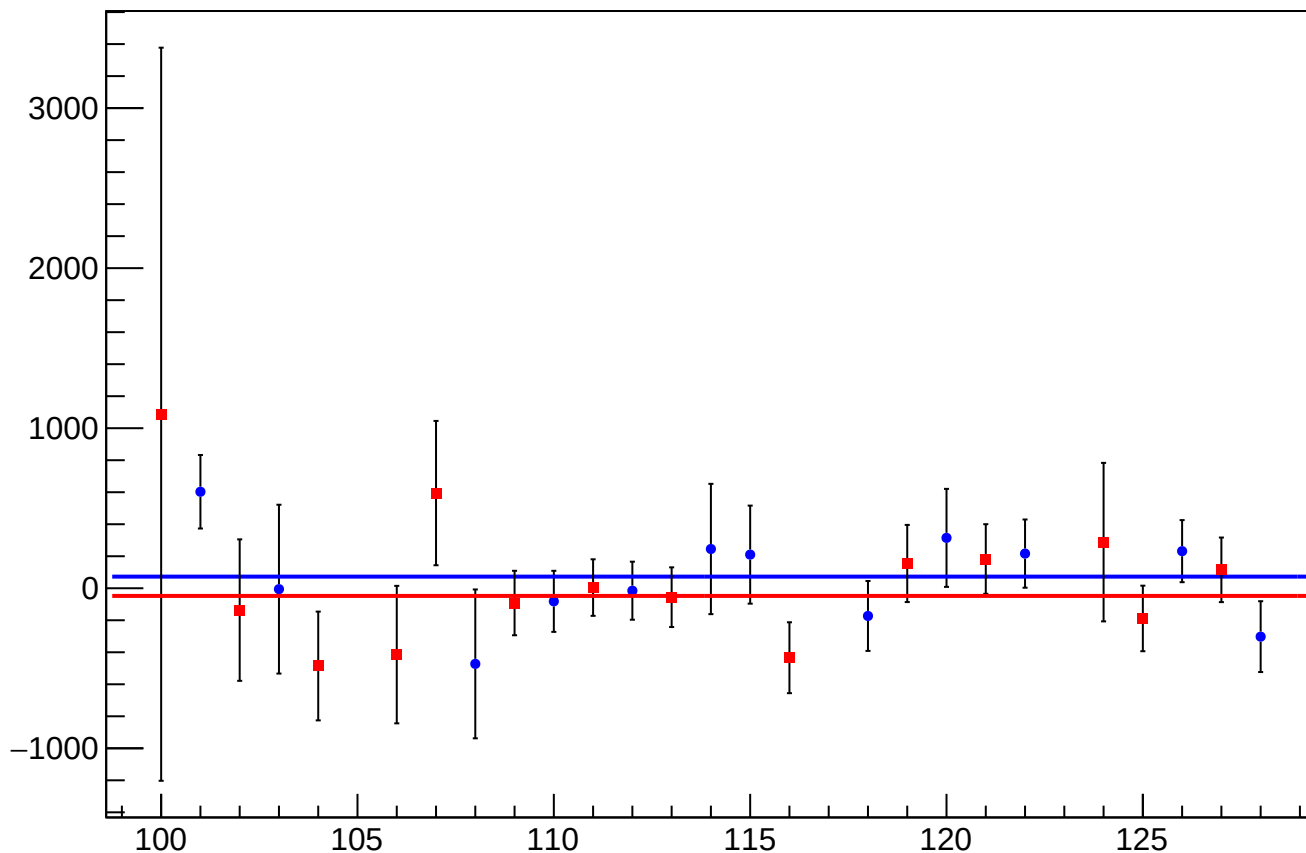
Right Out: 1620.697+/-0.502 χ^2/NDF : 336903.5/13

All: 1656.257+/-0.371 χ^2/NDF : 697273.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam3_mean vs Slug



Right In: 72.699+/-70.293 χ^2/NDF : 13.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -47.889+/-67.267 χ^2/NDF : 11.3/13

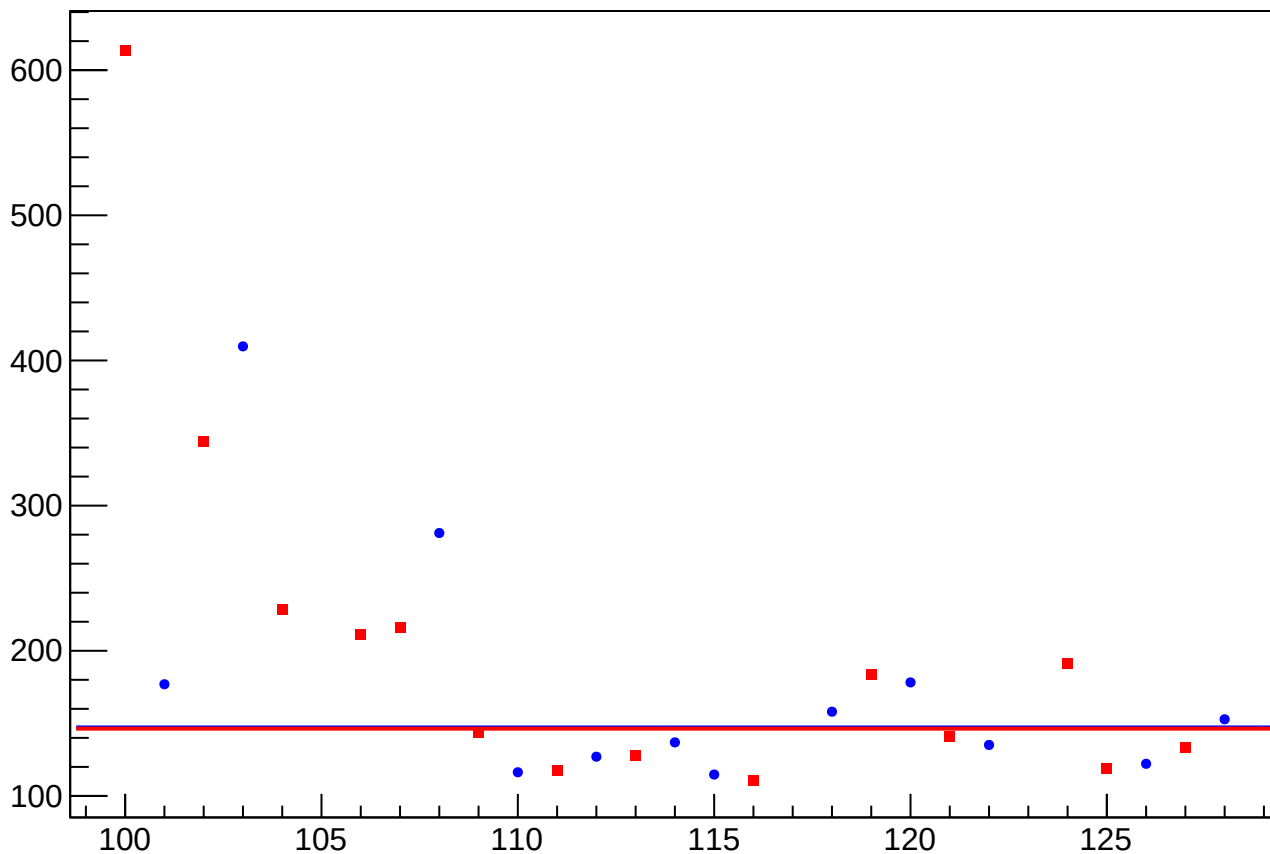
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.753+/-48.599 χ^2/NDF : 26.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam3_rms vs Slug



Right In: 147.190 $\pm$ 0.050 χ^2 /NDF: 862308.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 146.354 $\pm$ 0.048 χ^2 /NDF: 928674.2/13

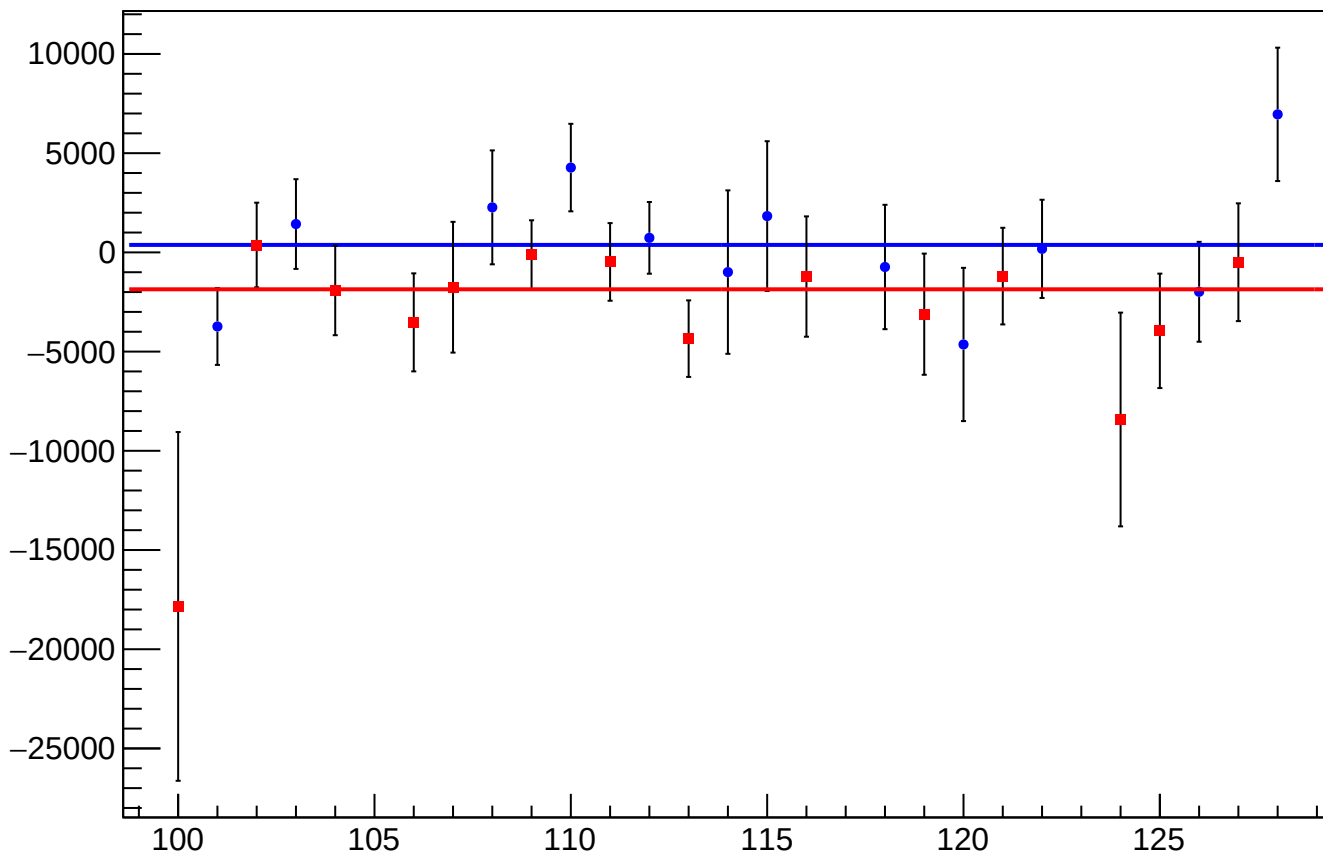
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 146.754 $\pm$ 0.034 χ^2 /NDF: 1791130.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_dit_correction_mean vs Slug



Right In: 376.958+/-744.772 χ^2/NDF : 15.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1860.538+/-674.513 χ^2/NDF : 10.5/13

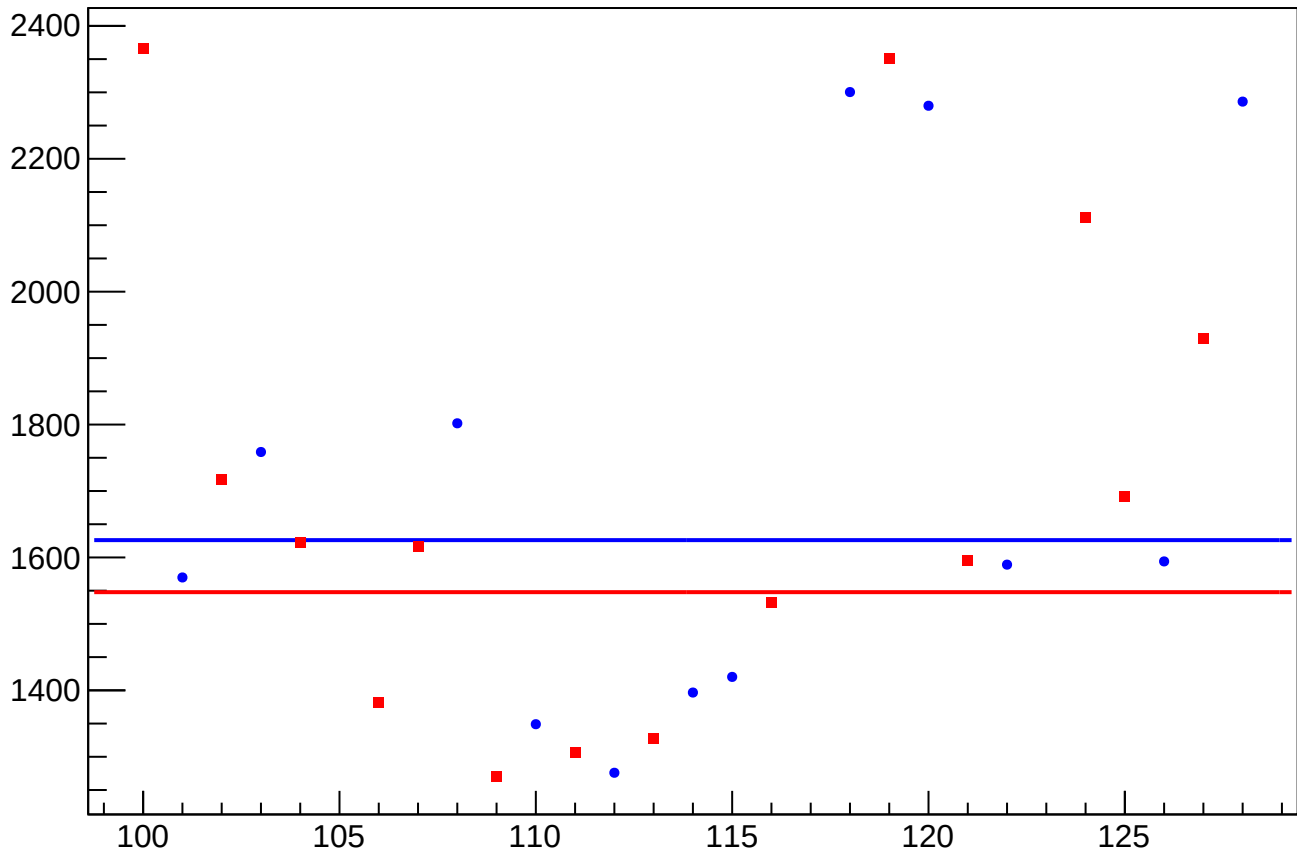
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -852.283+/-499.951 χ^2/NDF : 30.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_dit_correction_rms vs Slug



Right In: 1626.071+/-0.527 χ^2/NDF : 362690.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1547.766+/-0.477 χ^2/NDF : 348829.7/13

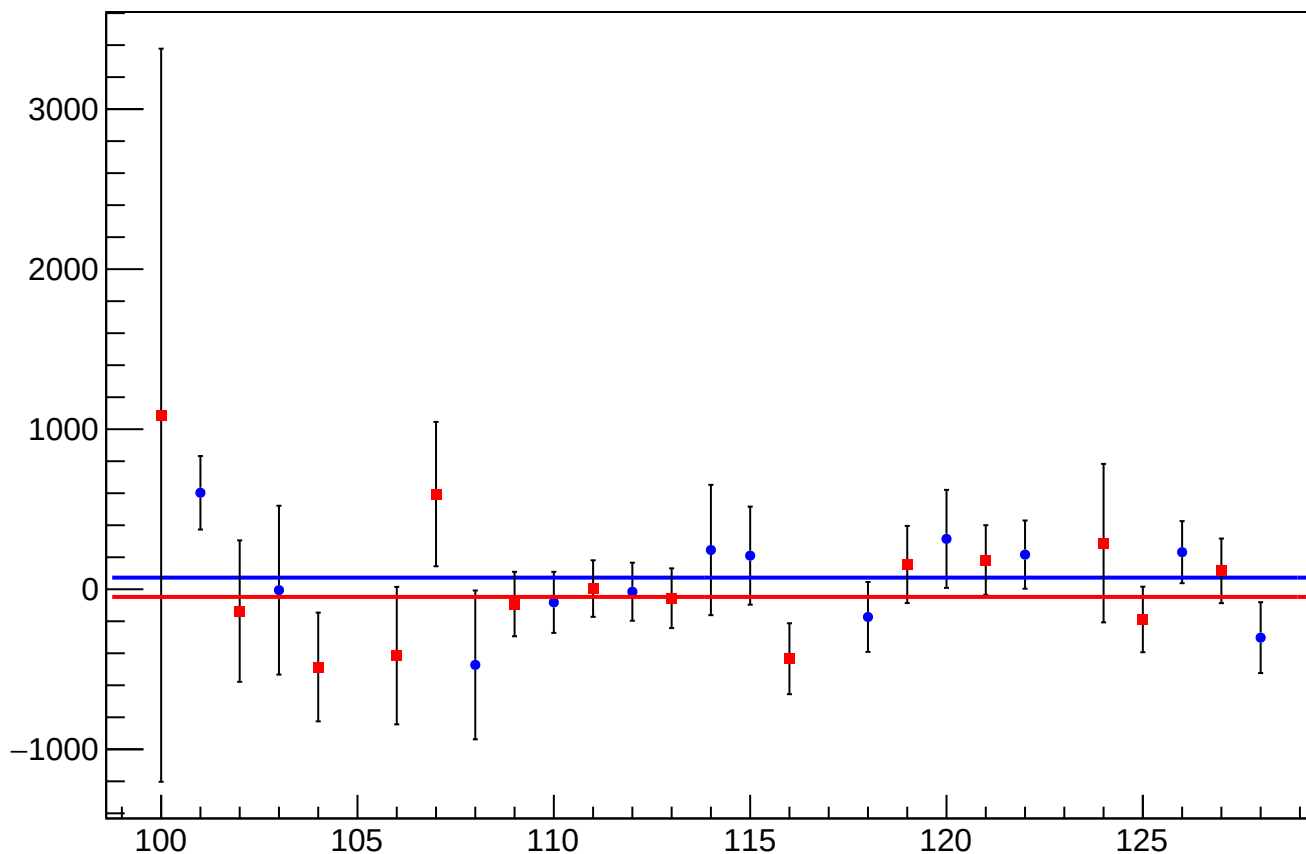
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1583.052+/-0.354 χ^2/NDF : 723666.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam3_mean vs Slug



Right In: 72.696+/-70.293 χ^2/NDF : 13.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -47.885+/-67.267 χ^2/NDF : 11.3/13

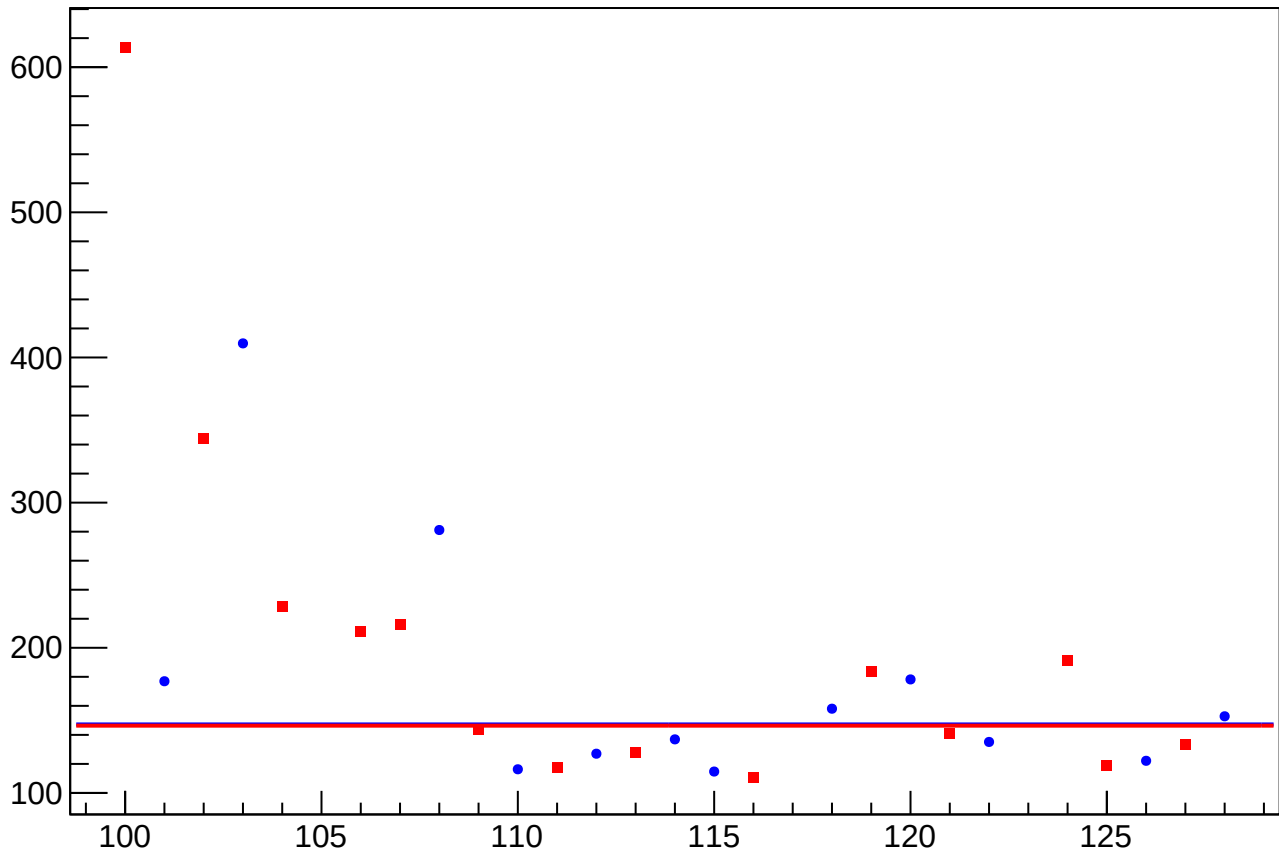
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.754+/-48.600 χ^2/NDF : 26.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam3_rms vs Slug



Right In: 147.191 $\pm$ 0.050 χ^2 /NDF: 862297.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 146.355 $\pm$ 0.048 χ^2 /NDF: 928668.7/13

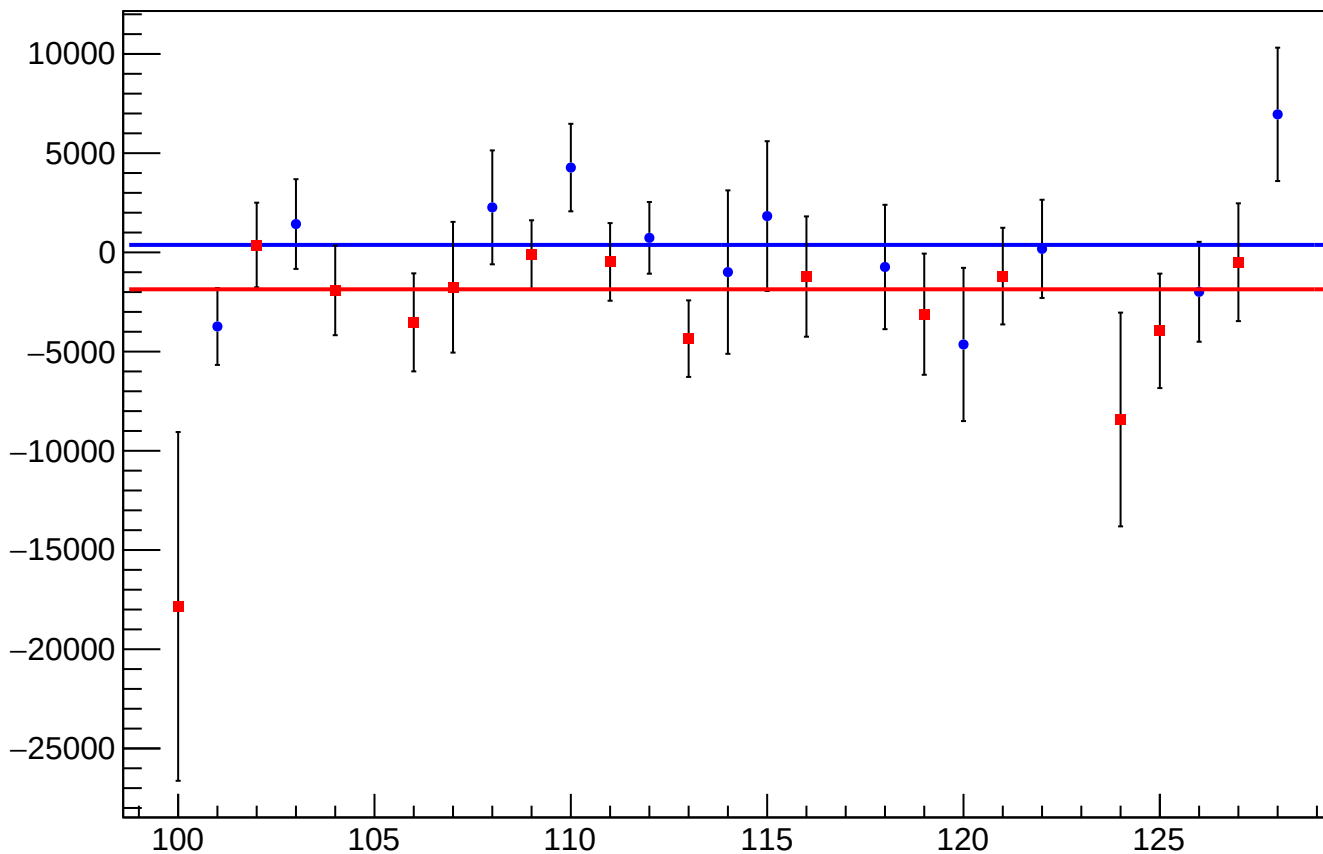
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 146.755 $\pm$ 0.034 χ^2 /NDF: 1791113.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_dit_correction_mean vs Slug



Right In: 376.957+/-744.771 χ^2/NDF : 15.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1860.535+/-674.512 χ^2/NDF : 10.5/13

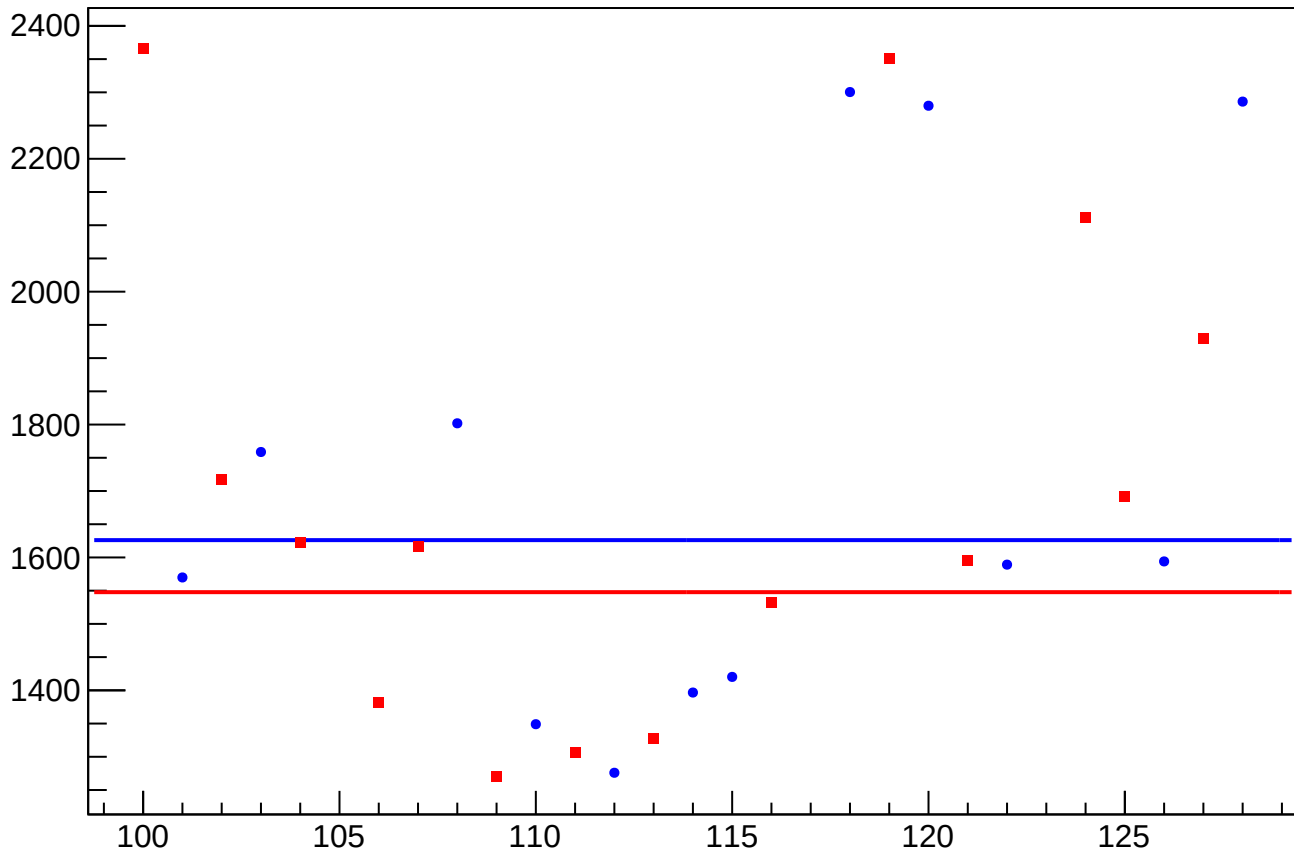
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -852.281+/-499.950 χ^2/NDF : 30.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_dit_correction_rms vs Slug



Right In: 1626.068 $\pm$ 0.527 χ^2 /NDF: 362693.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

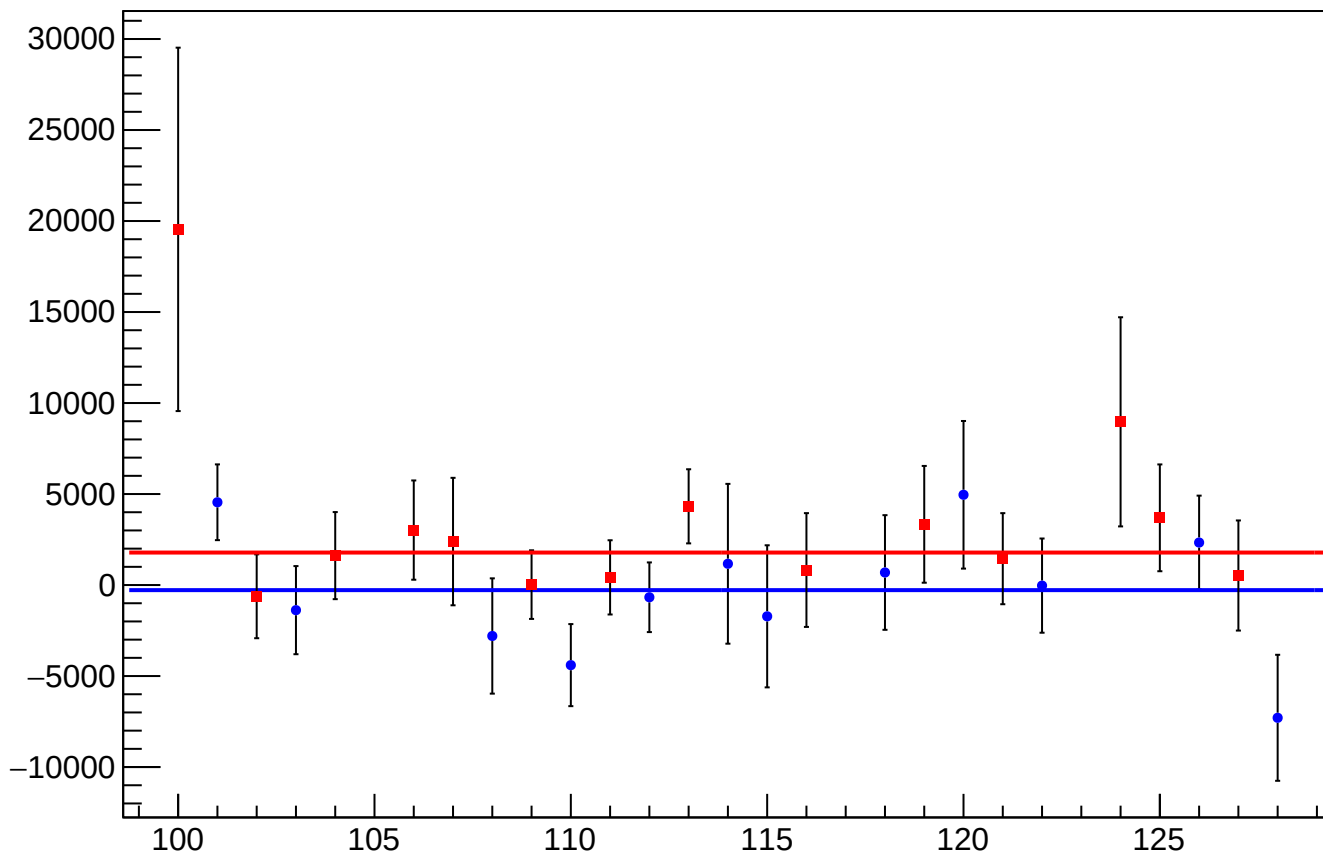
Right Out: 1547.763 $\pm$ 0.477 χ^2 /NDF: 348828.6/13

All: 1583.048 $\pm$ 0.354 χ^2 /NDF: 723668.2/25

- sign 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: -279.856+/-782.446 χ^2/NDF : 16.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1784.981+/-712.957 χ^2/NDF : 9.9/13

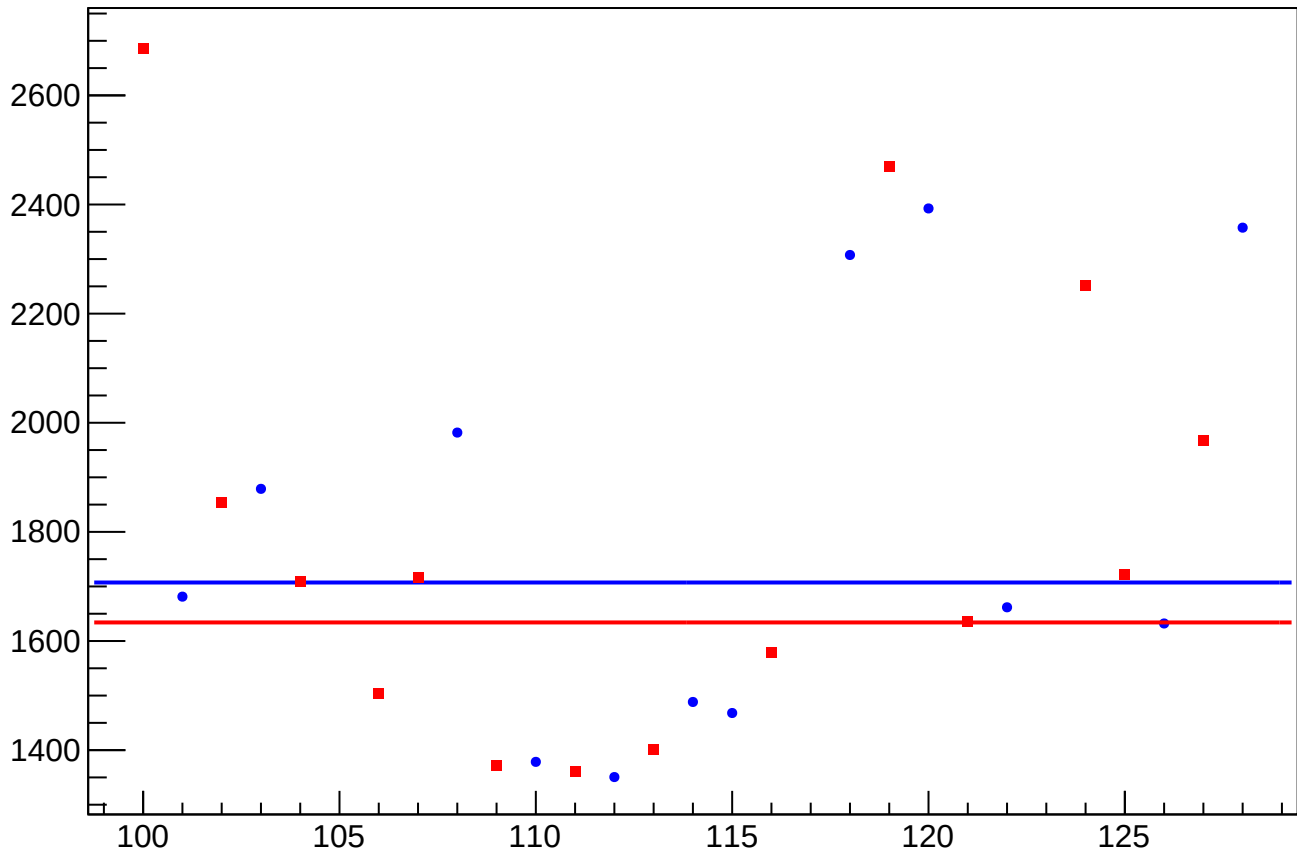
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 848.306+/-526.994 χ^2/NDF : 30.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_rms vs Slug



Right In: 1707.235 $\pm$ 0.553 χ^2 /NDF: 352573.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

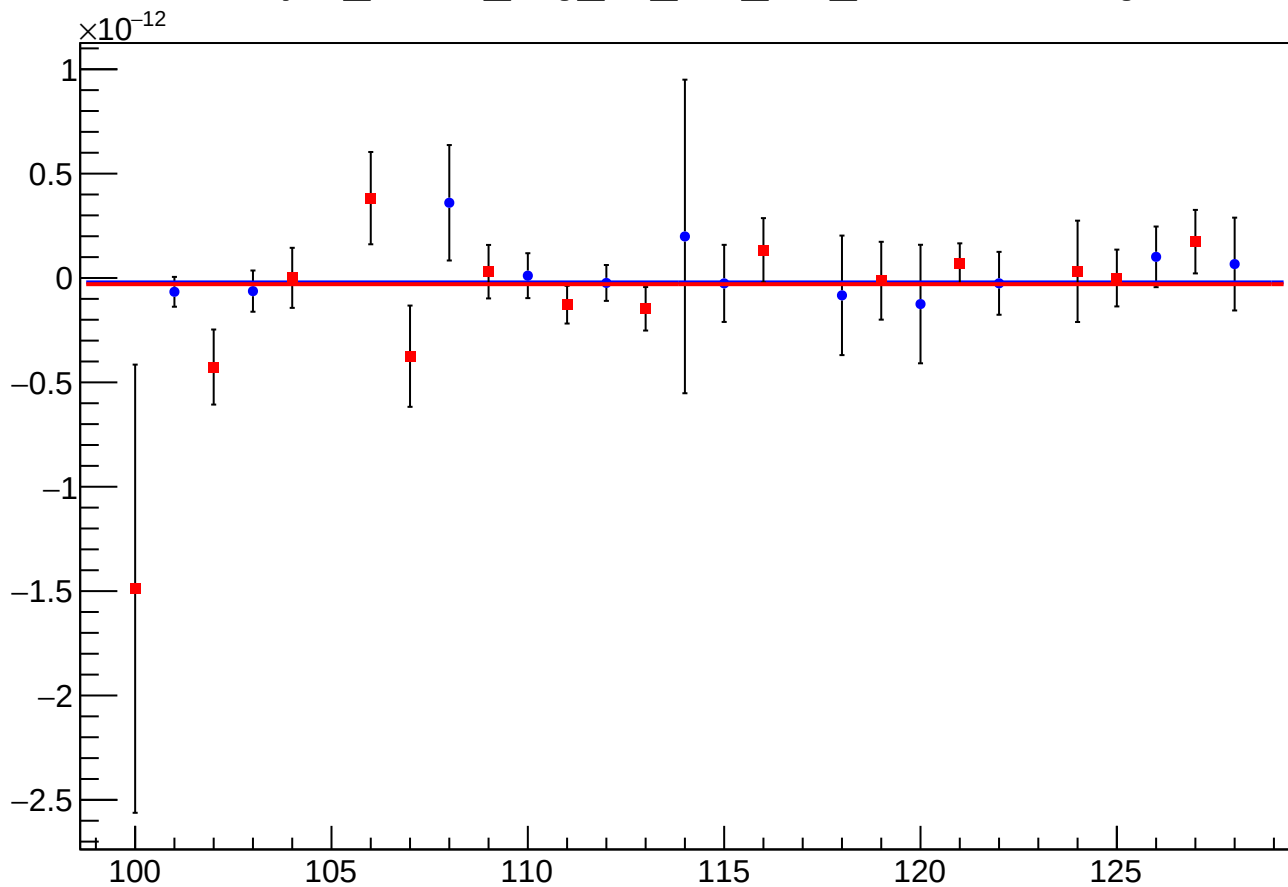
Right Out: 1634.038 $\pm$ 0.504 χ^2 /NDF: 334248.1/13

All: 1667.242 $\pm$ 0.373 χ^2 /NDF: 696384.4/25

- sign 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_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 3.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 18.9/13

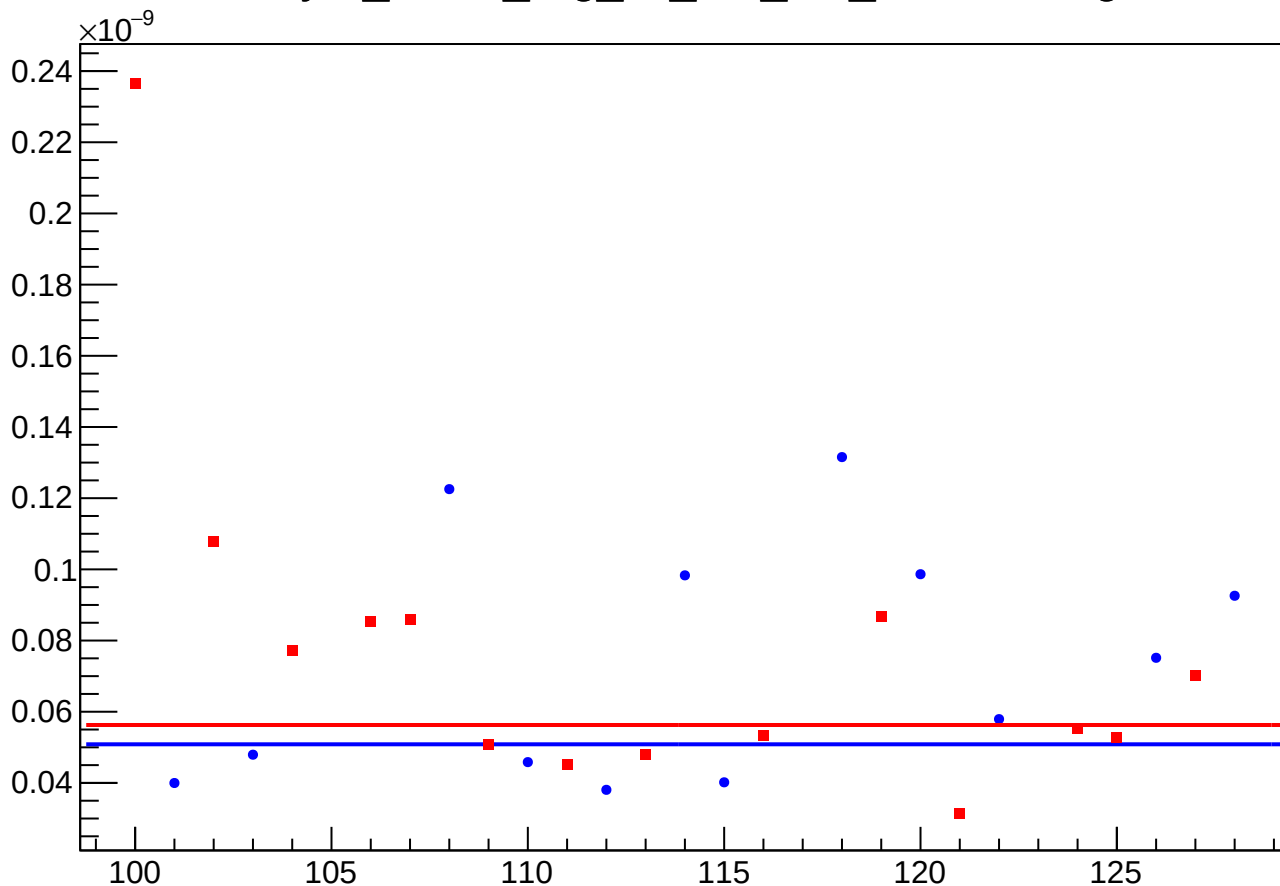
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 22.7/25

- 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 : 592263.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 573205.5/13

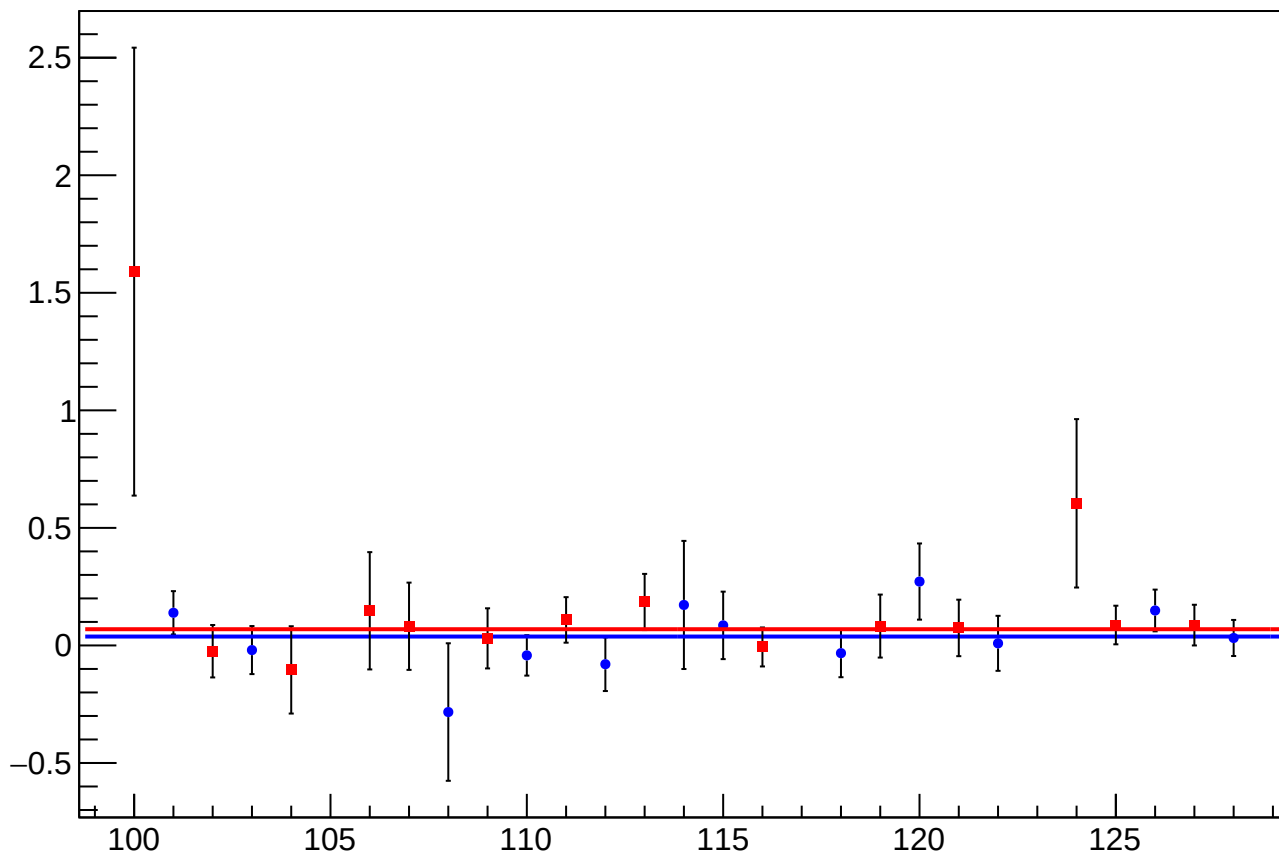
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1185796.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_dit_vs_cor_diff_mean vs Slug



Right In: 0.038+/-0.032 χ^2/NDF : 9.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.069+/-0.032 χ^2/NDF : 8.6/13

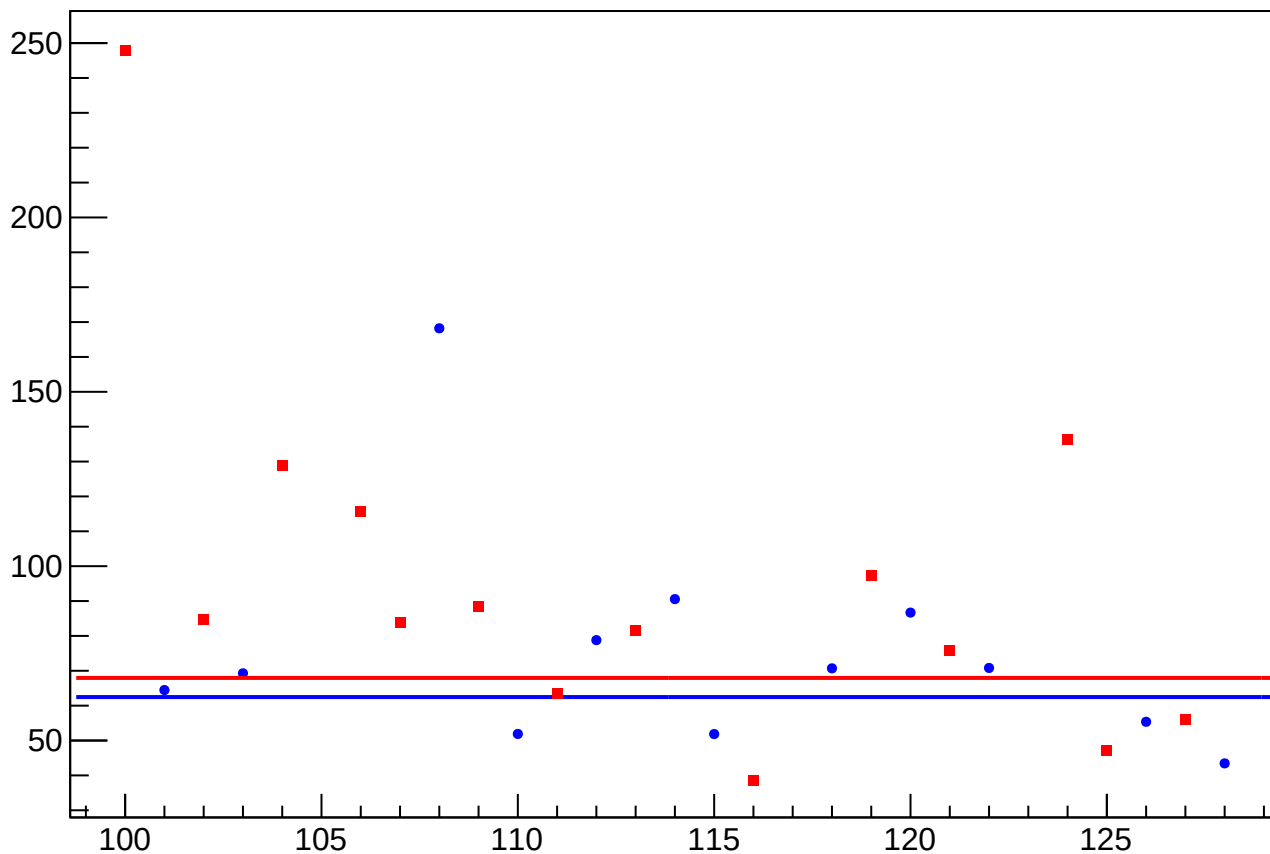
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.053+/-0.023 χ^2/NDF : 18.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_dit_vs_cor_diff_rms vs Slug



Right In: 62.463+/-0.022 χ^2/NDF : 578031.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.956+/-0.023 χ^2/NDF : 1098233.9/13

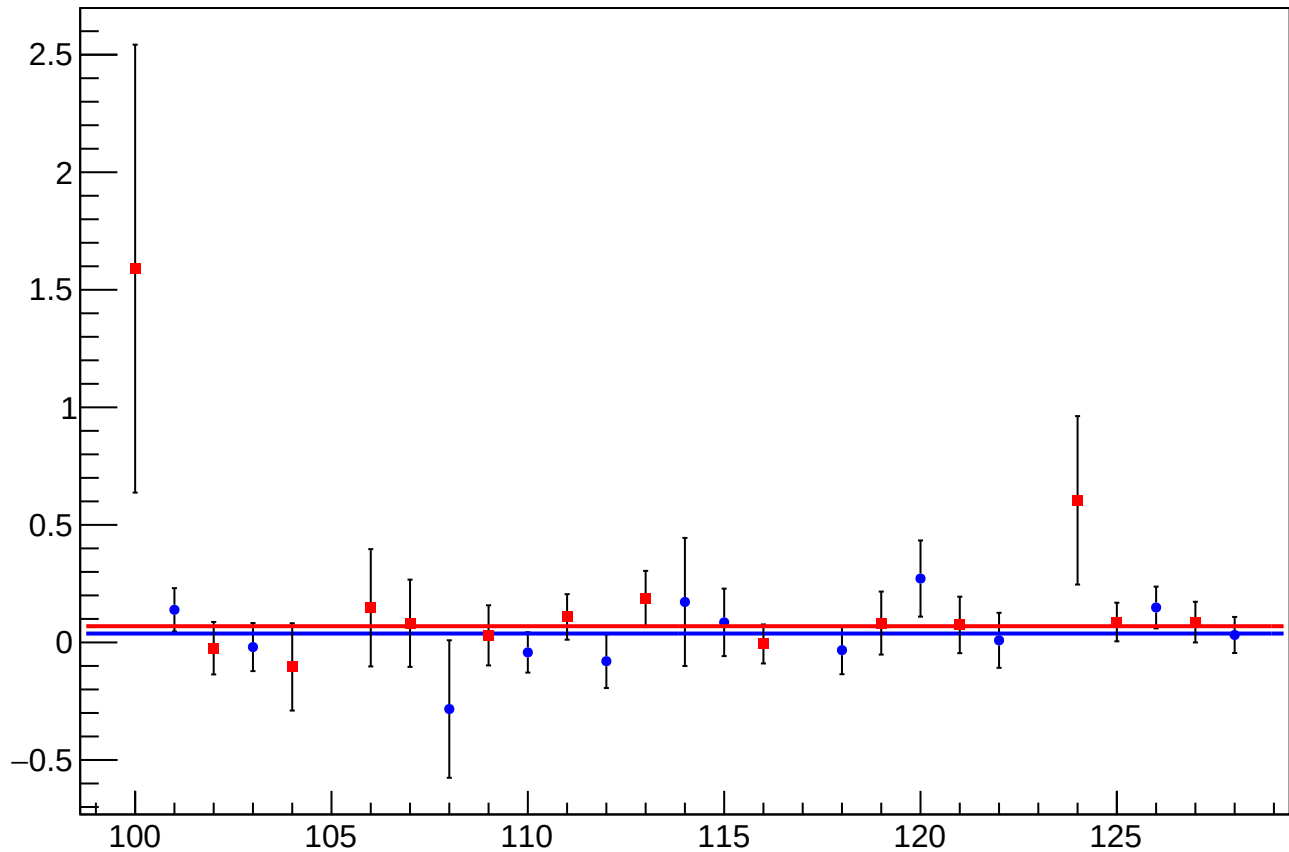
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.141+/-0.016 χ^2/NDF : 1705752.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.038 $\pm$ 0.032 χ^2 /NDF: 9.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.069 $\pm$ 0.032 χ^2 /NDF: 8.6/13

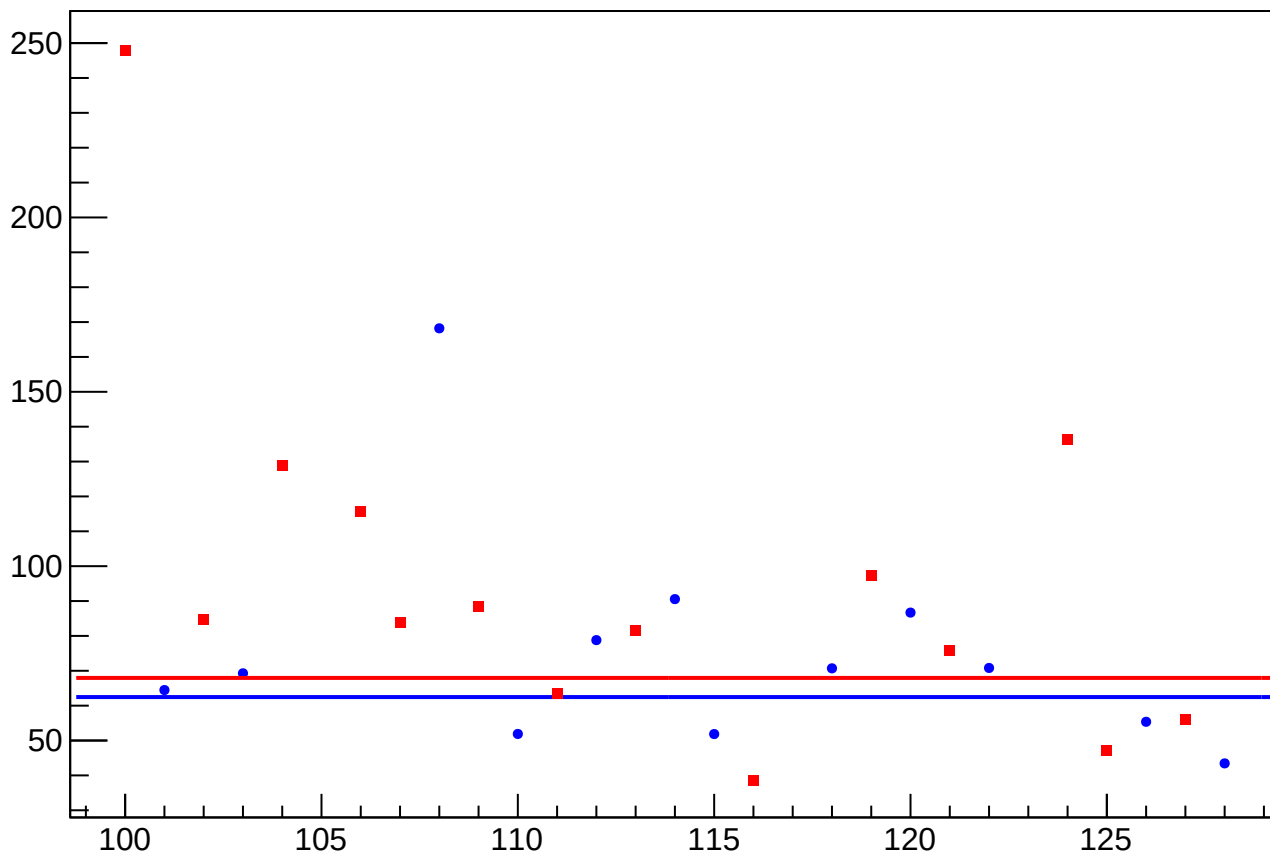
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.053 $\pm$ 0.023 χ^2 /NDF: 18.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 62.463+/-0.022 χ^2/NDF : 578031.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.956+/-0.023 χ^2/NDF : 1098233.9/13

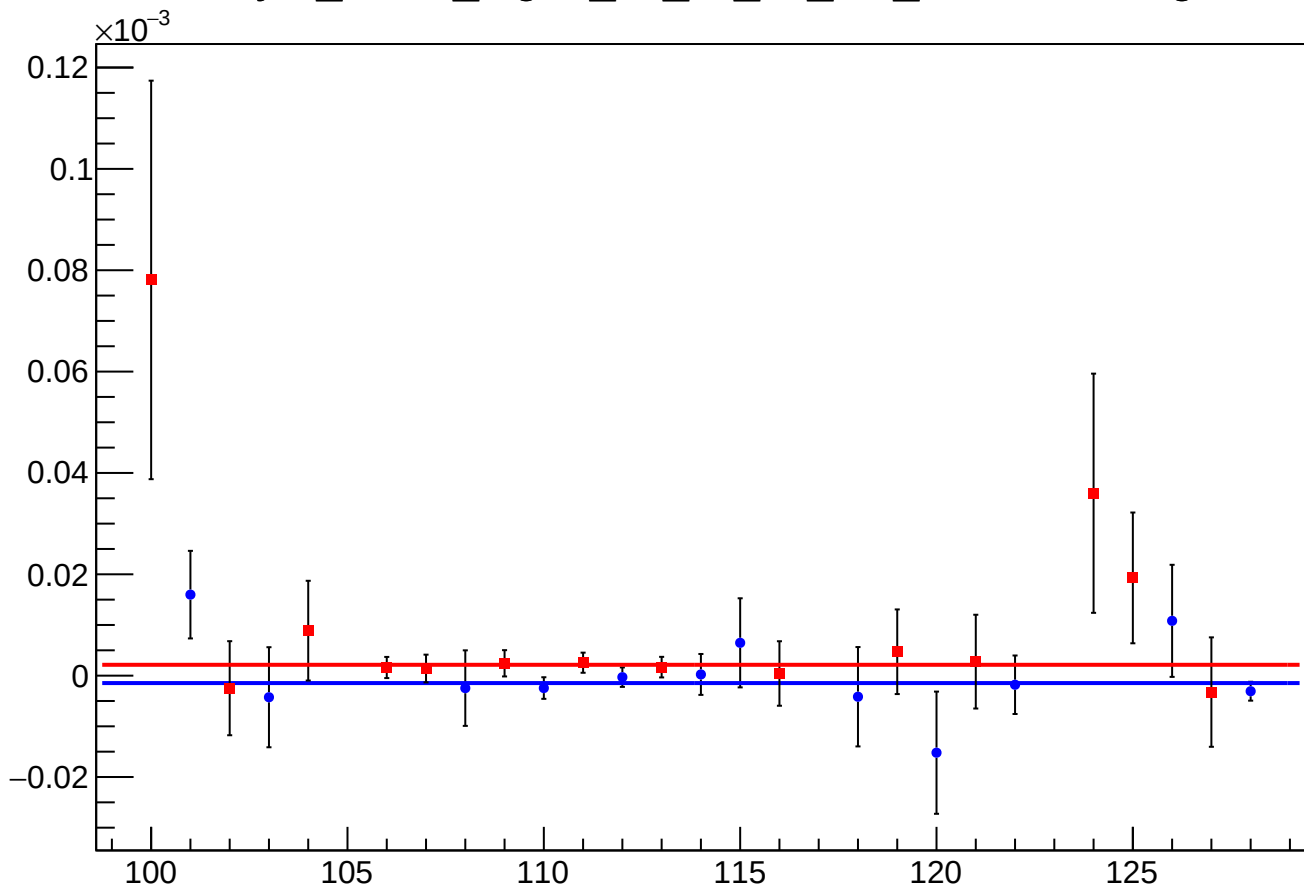
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

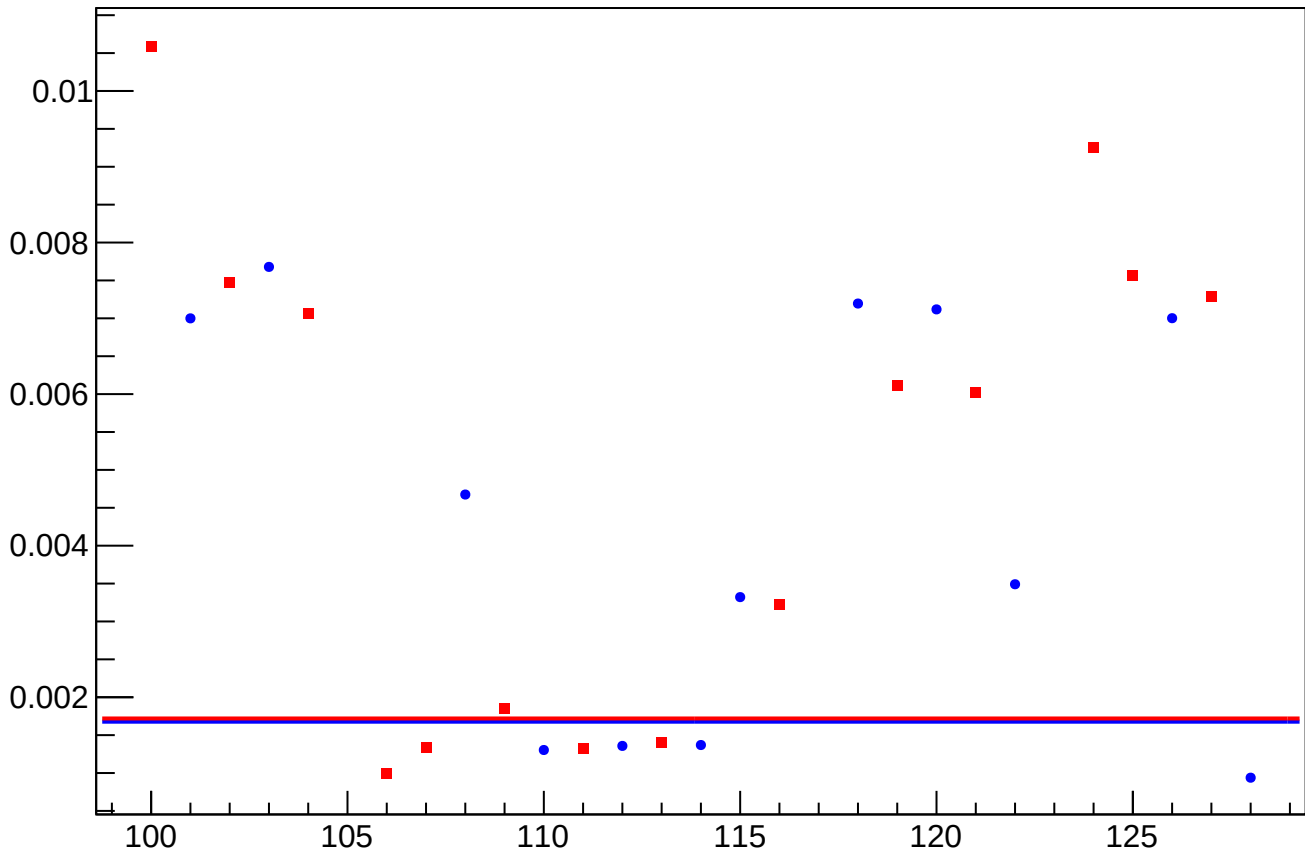
All: 65.141+/-0.016 χ^2/NDF : 1705752.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_dit_vs_dit_diff_mean vs Slug



asym_sam3_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 4036308.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 4120525.6/13

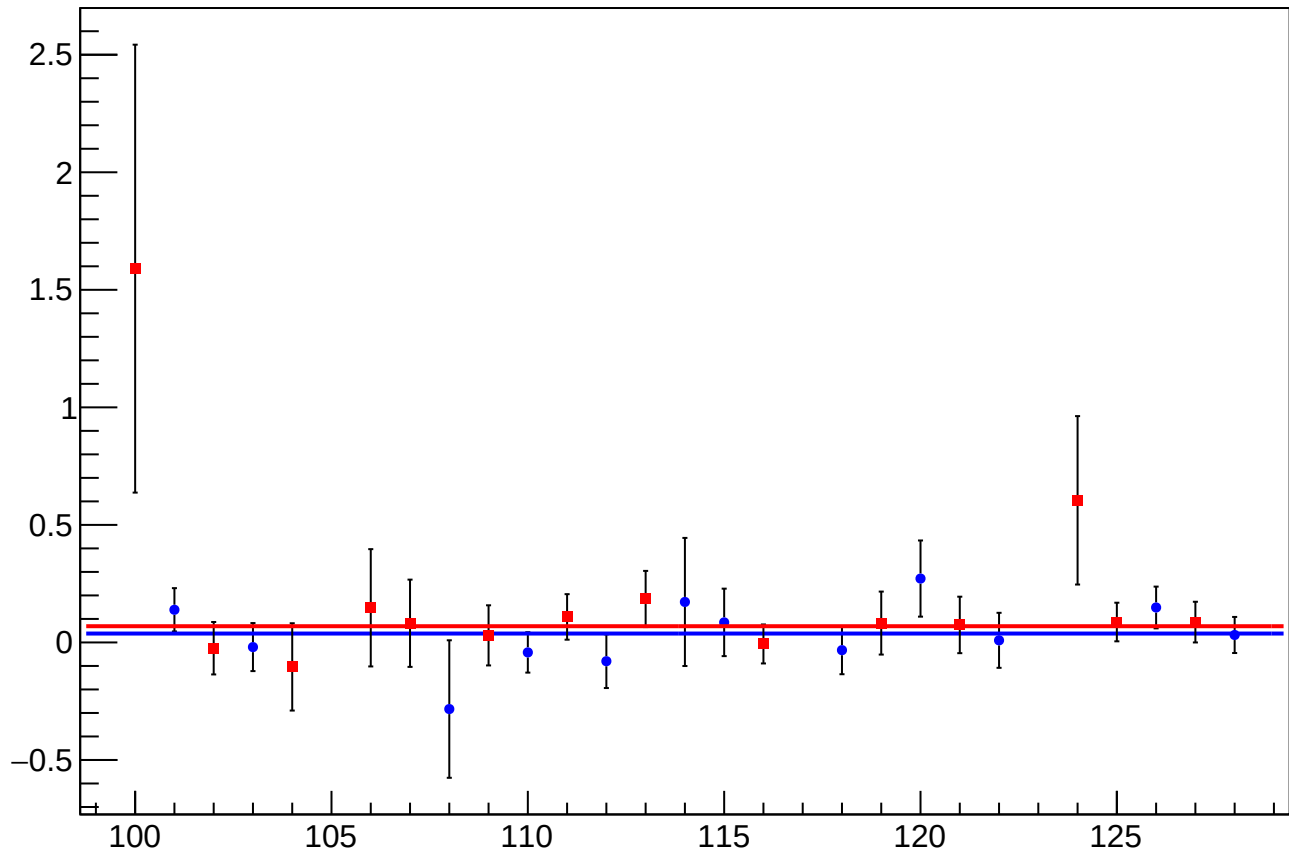
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 8158673.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.038 $\pm$ 0.032 χ^2 /NDF: 9.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.069 $\pm$ 0.032 χ^2 /NDF: 8.6/13

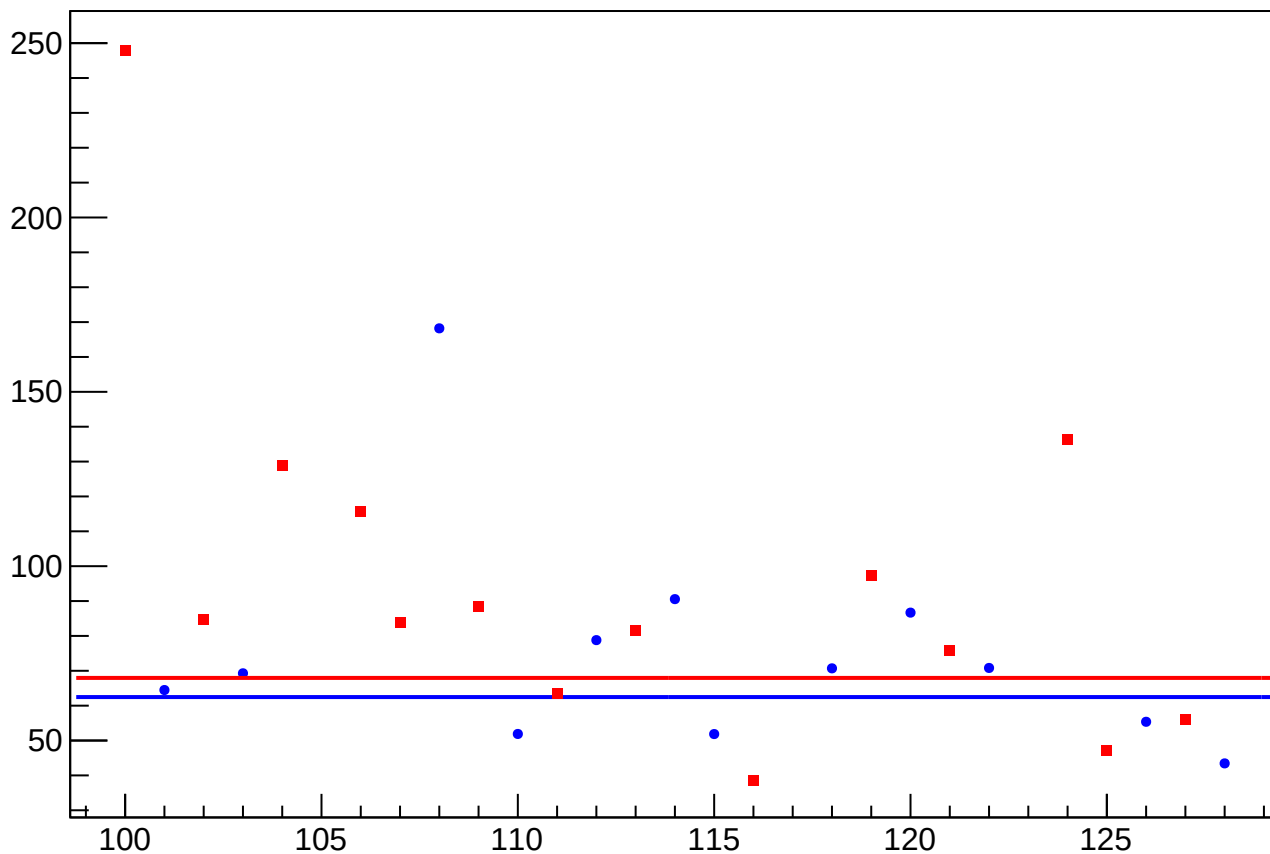
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.053 $\pm$ 0.023 χ^2 /NDF: 18.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 62.466+/-0.022 χ^2/NDF : 578036.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.958+/-0.023 χ^2/NDF : 1098197.9/13

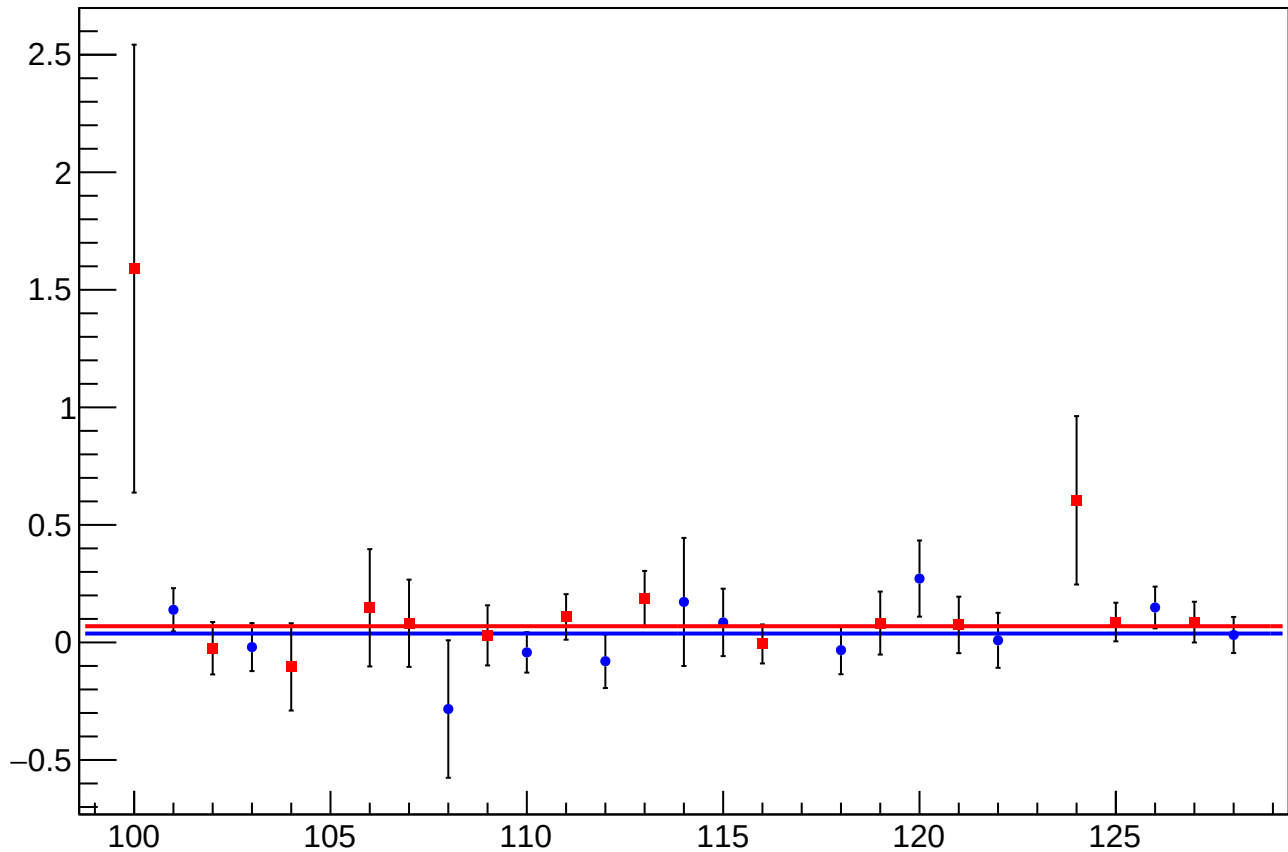
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.143+/-0.016 χ^2/NDF : 1705721.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.038 $\pm$ 0.032 χ^2 /NDF: 9.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.069 $\pm$ 0.032 χ^2 /NDF: 8.6/13

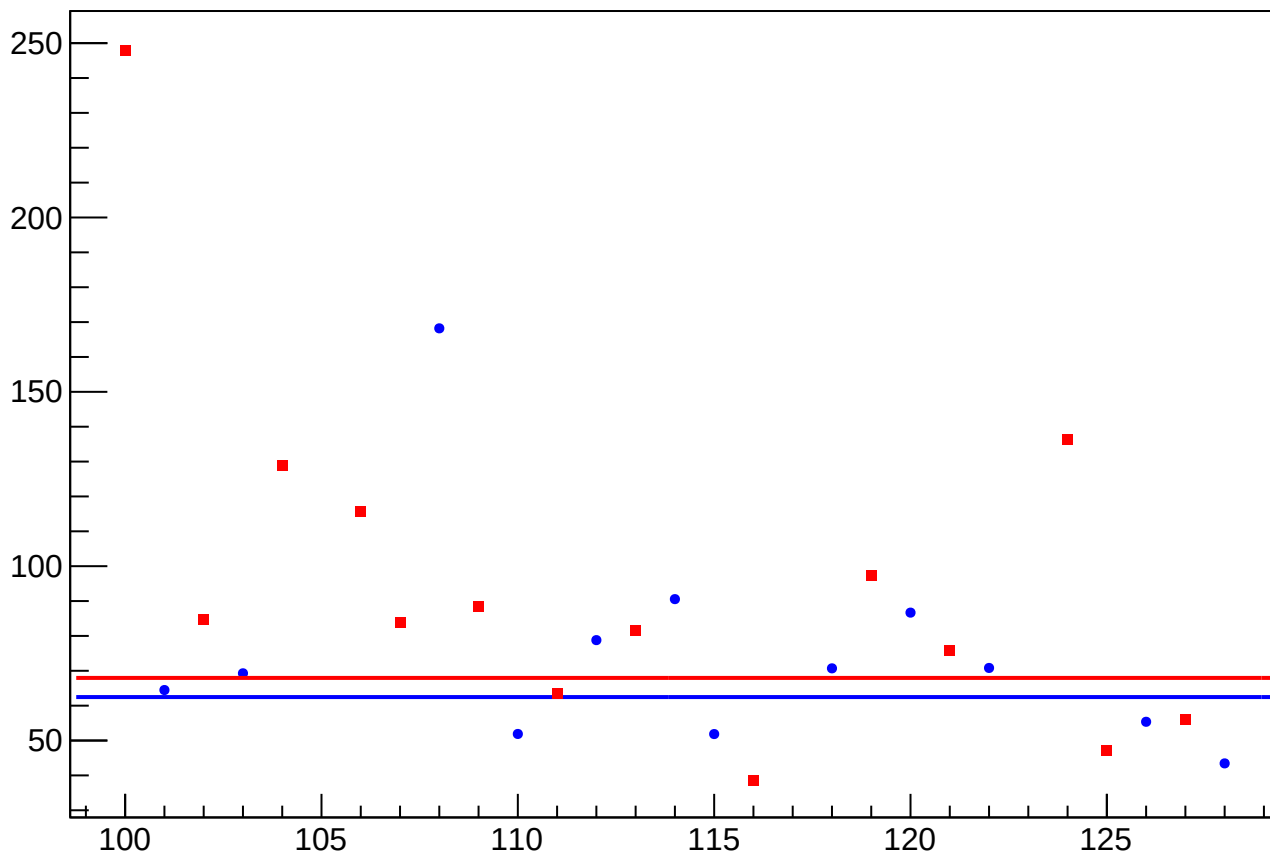
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.053 $\pm$ 0.023 χ^2 /NDF: 18.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 62.466+/-0.022 χ^2/NDF : 578036.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.958+/-0.023 χ^2/NDF : 1098197.9/13

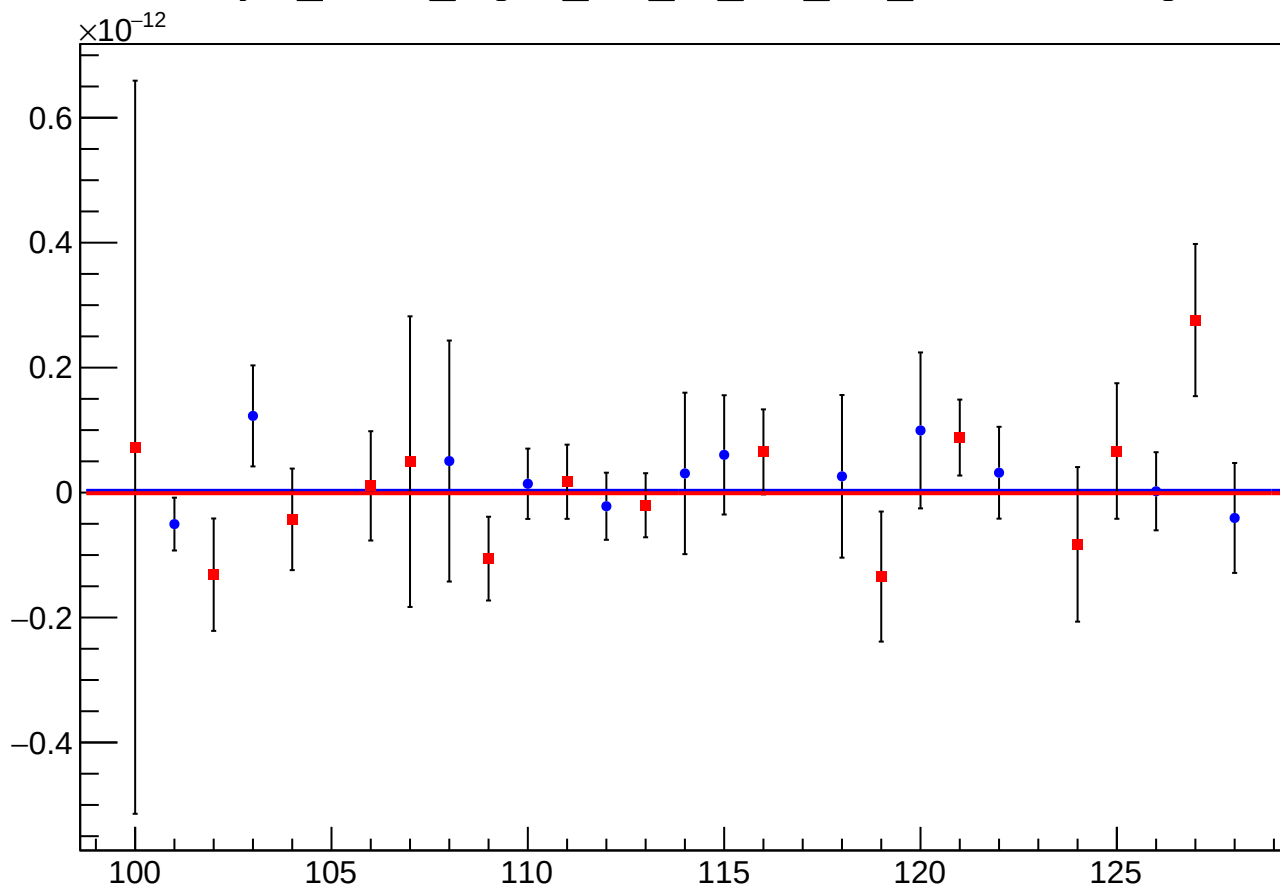
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.143+/-0.016 χ^2/NDF : 1705721.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 5.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.9/13

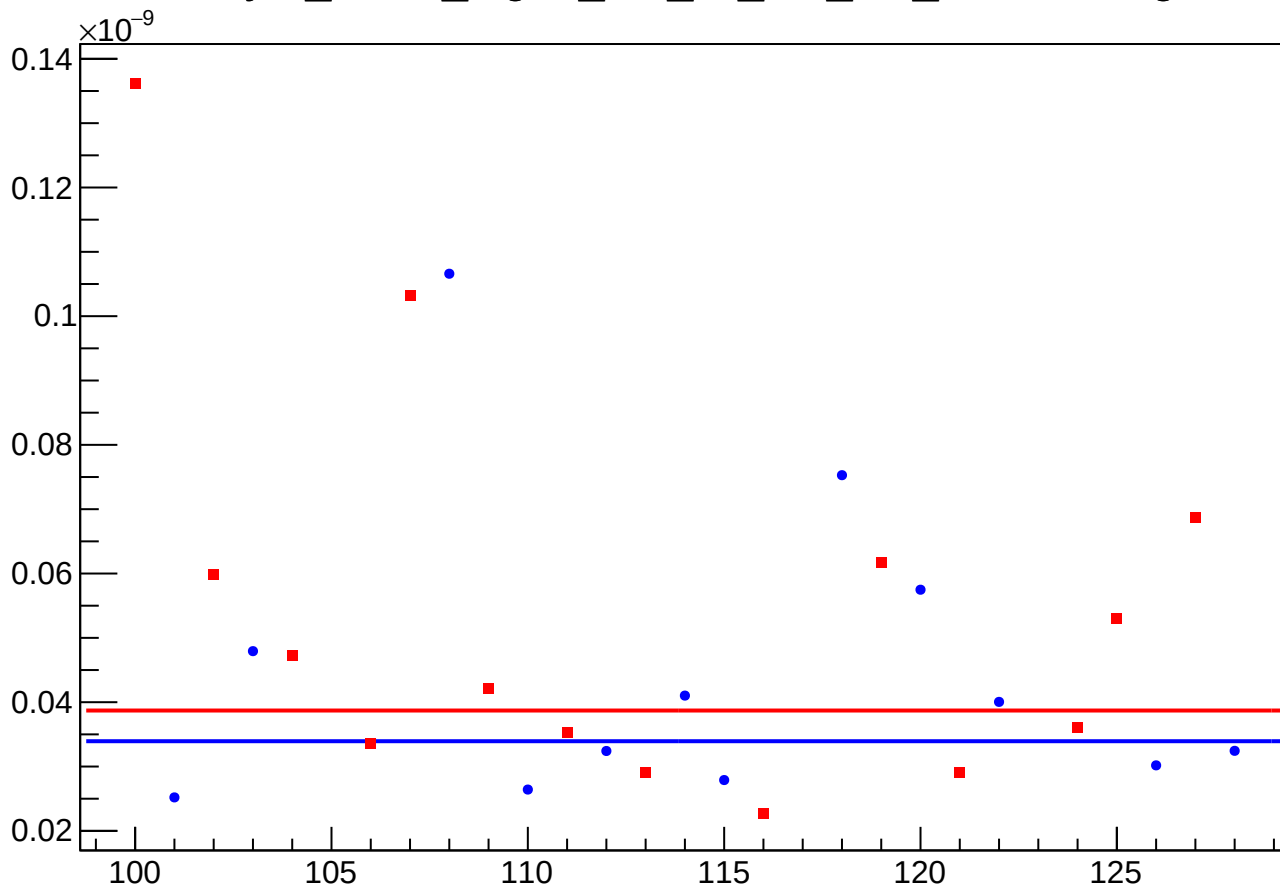
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 774953.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 846115.3/13

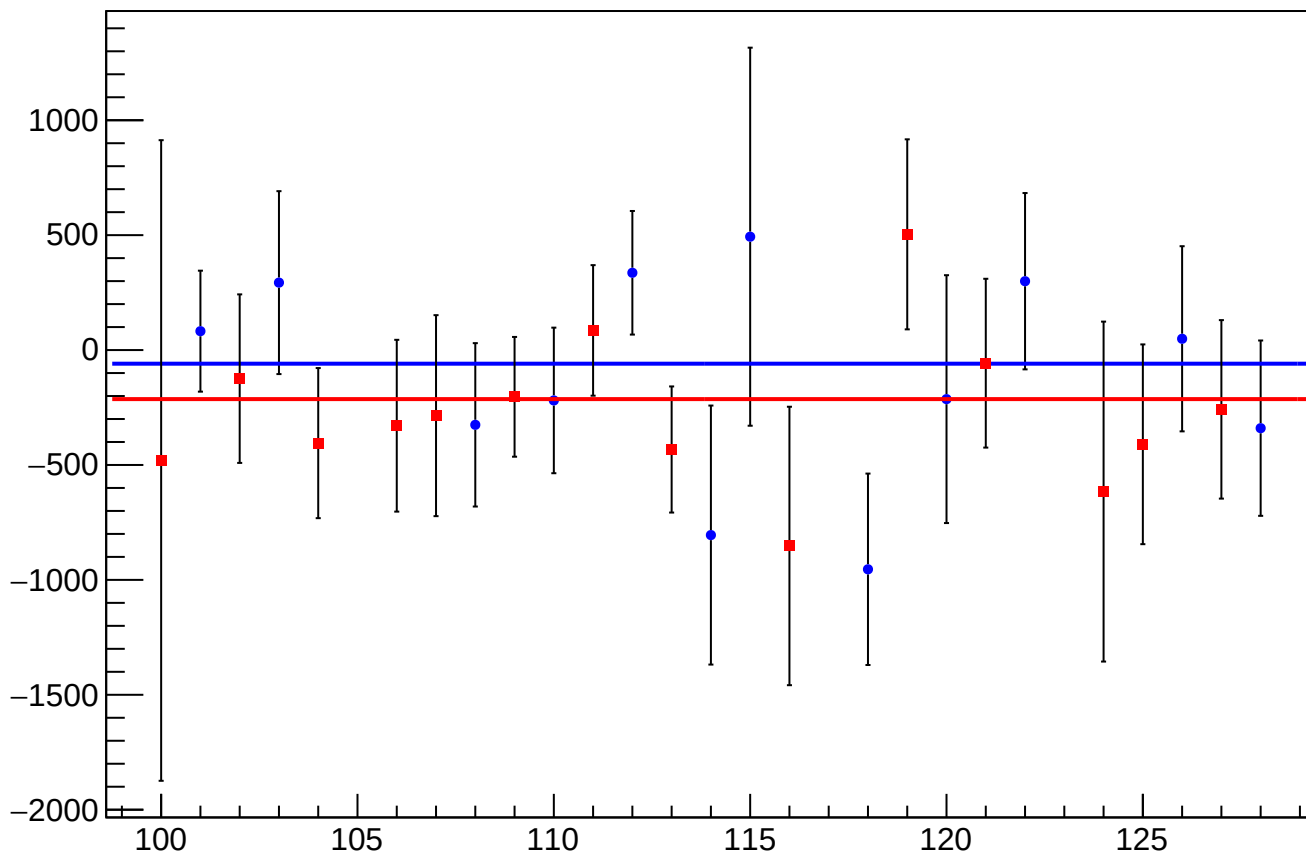
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1670782.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_mean vs Slug



Right In: -59.309 $\pm$ 107.751 χ^2 /NDF: 12.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -213.388 $\pm$ 100.065 χ^2 /NDF: 7.1/13

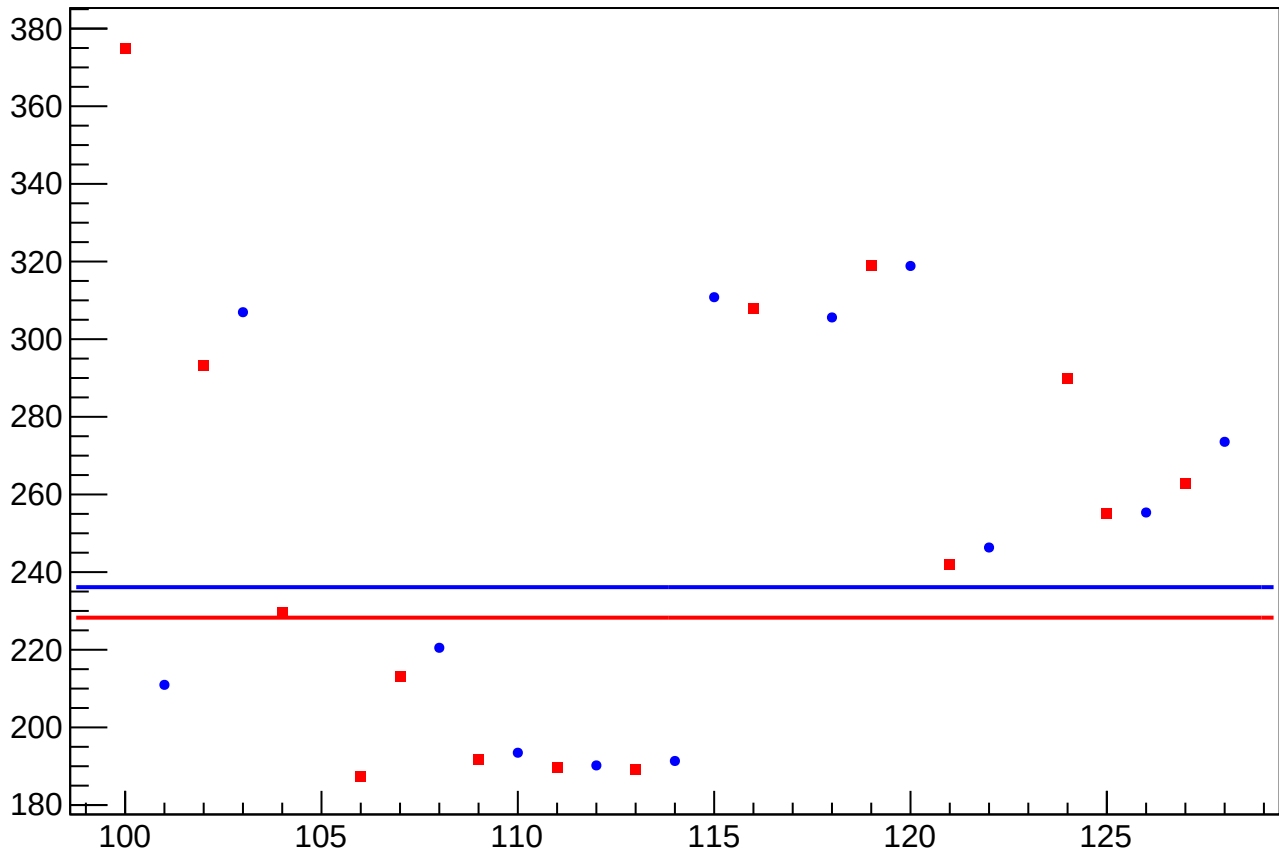
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -142.040 $\pm$ 73.323 χ^2 /NDF: 20.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam4_rms vs Slug



Right In: 236.124+/-0.076 χ^2/NDF : 337160.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 228.271+/-0.071 χ^2/NDF : 399046.5/13

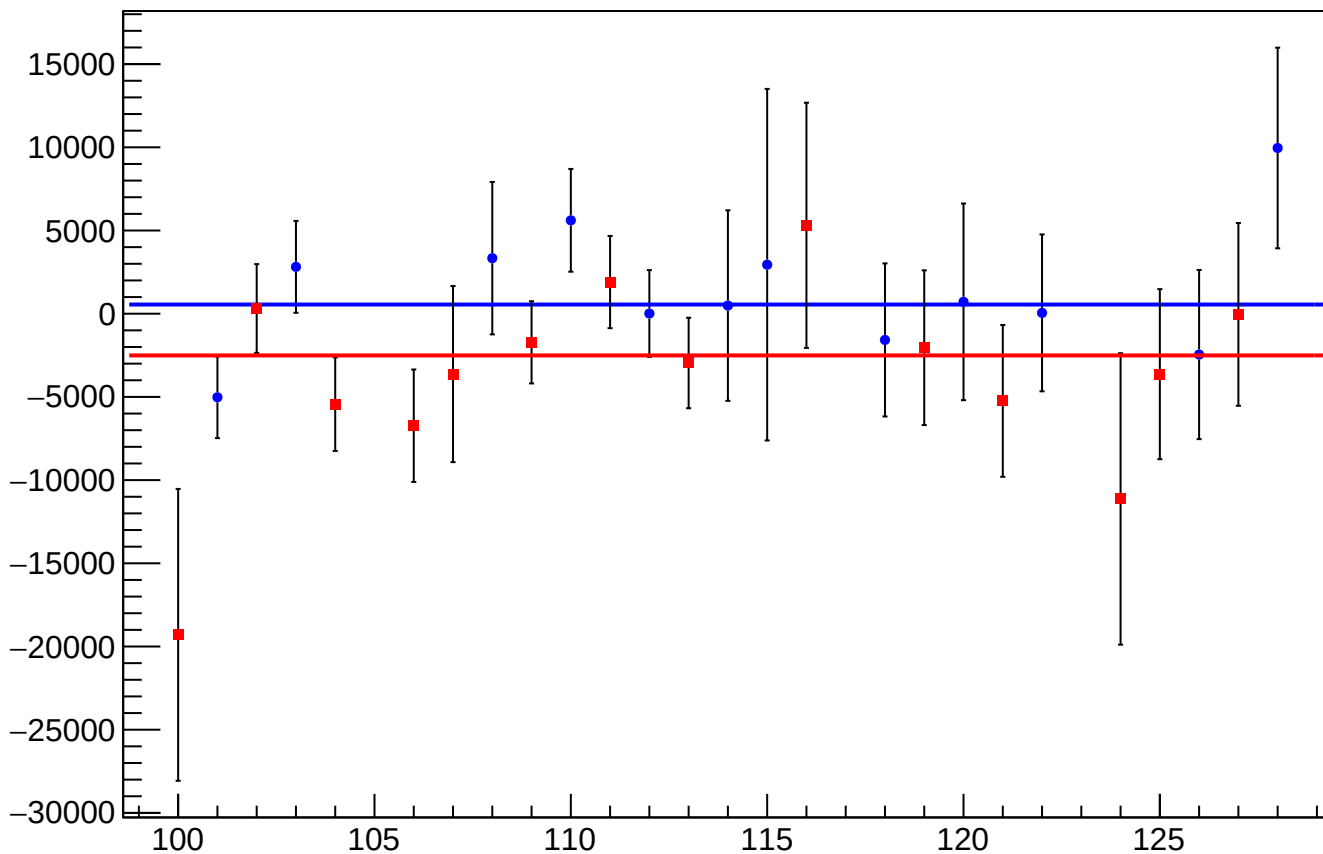
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 231.908+/-0.052 χ^2/NDF : 741910.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_reg_correction_mean vs Slug



Right In: 551.321+/-1102.020 χ^2/NDF : 12.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2506.867+/-985.160 χ^2/NDF : 12.9/13

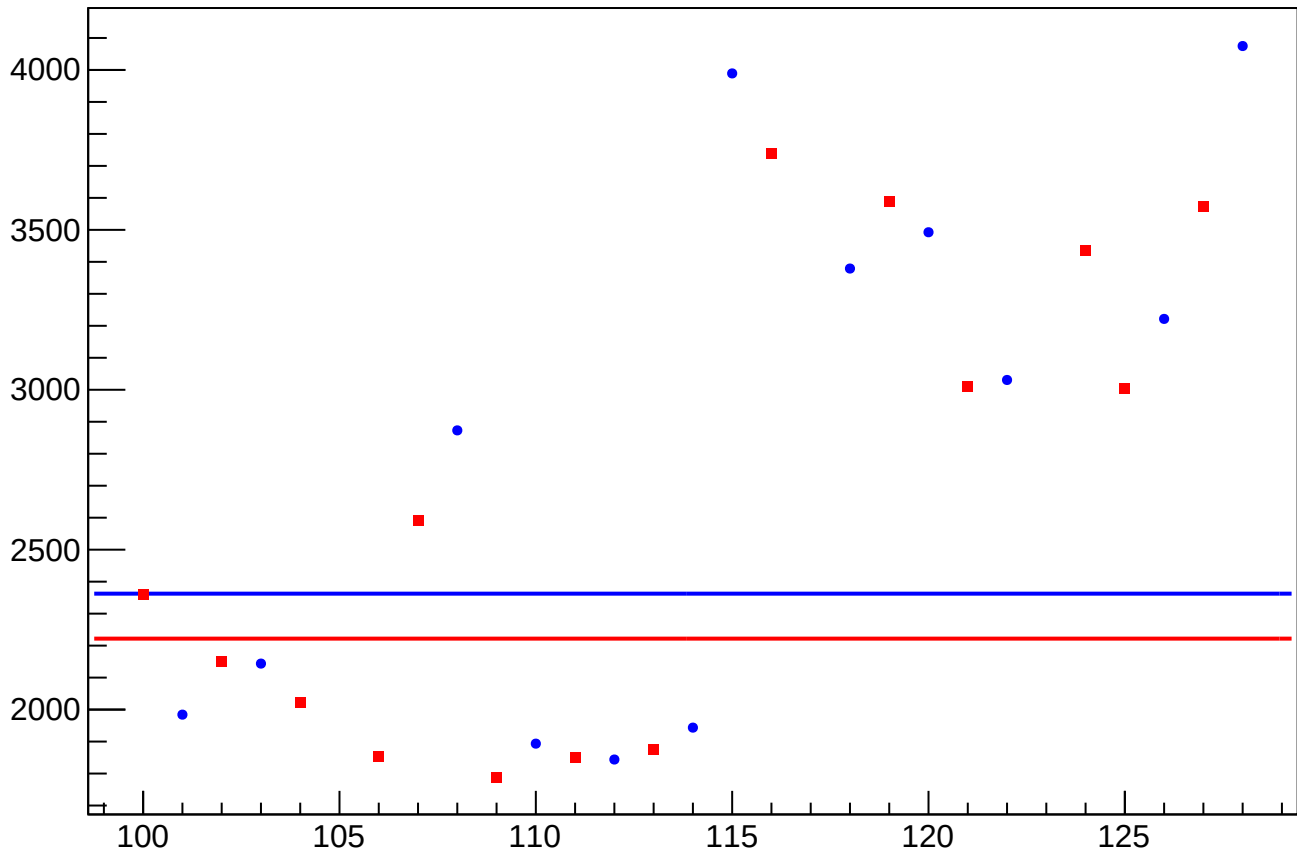
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1148.464+/-734.466 χ^2/NDF : 29.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_reg_correction_rms vs Slug



Right In: 2362.477+/-0.779 χ^2/NDF : 697735.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2221.869+/-0.697 χ^2/NDF : 699339.4/13

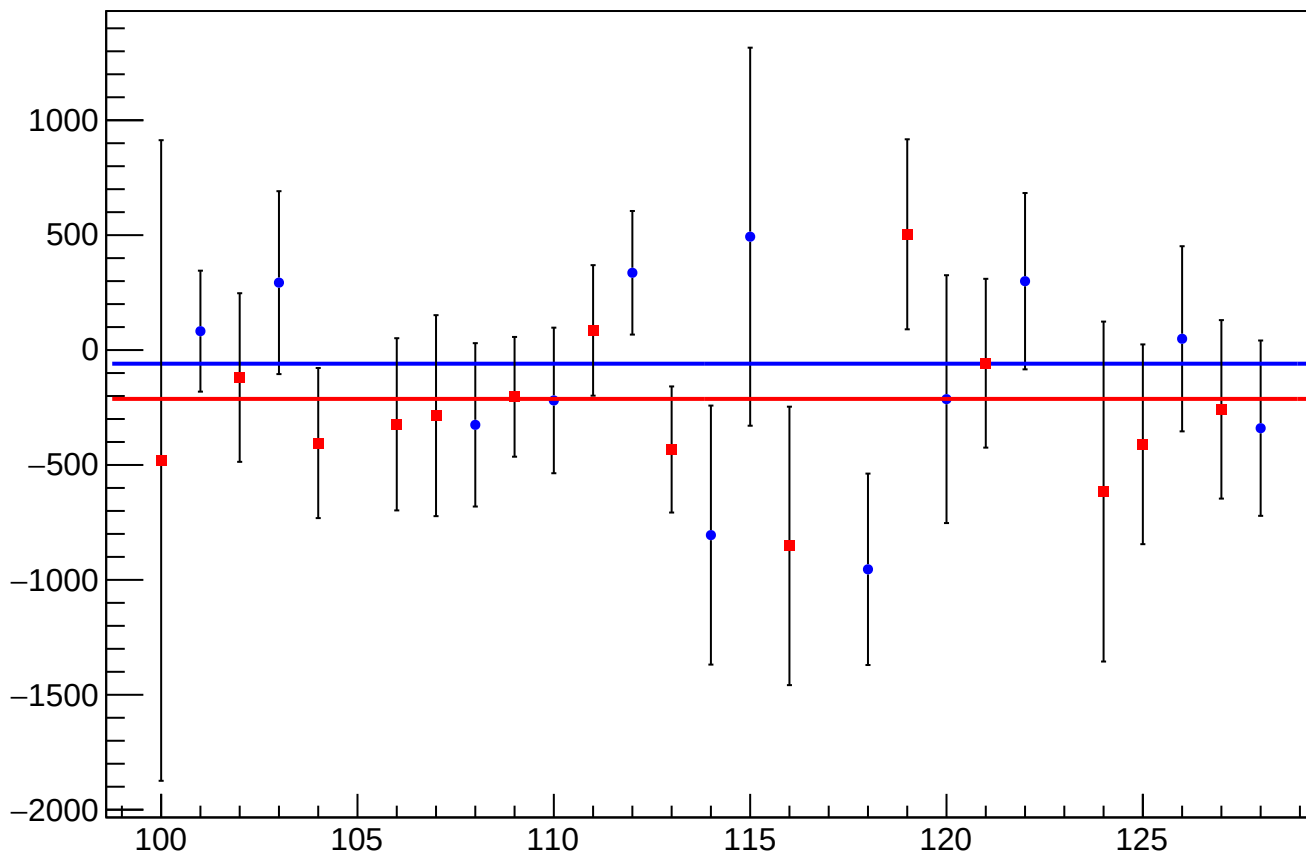
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2284.325+/-0.519 χ^2/NDF : 1415172.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam4_mean vs Slug



Right In: -59.347 ± 107.751 χ^2/NDF : 12.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -212.529 ± 100.085 χ^2/NDF : 7.1/13

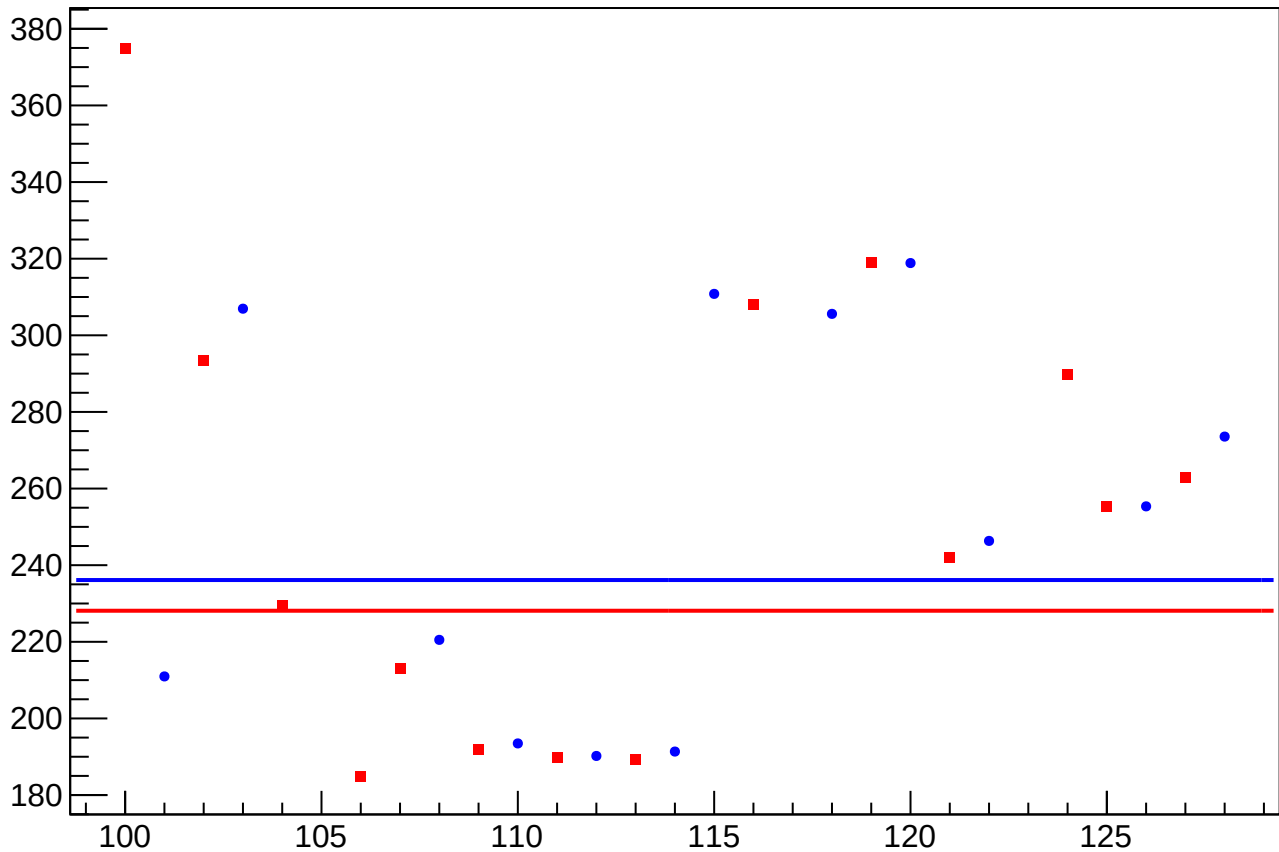
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -141.580 ± 73.331 χ^2/NDF : 20.6/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam4_rms vs Slug



Right In: 236.124+/-0.076 χ^2/NDF : 337162.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 228.111+/-0.071 χ^2/NDF : 402150.0/13

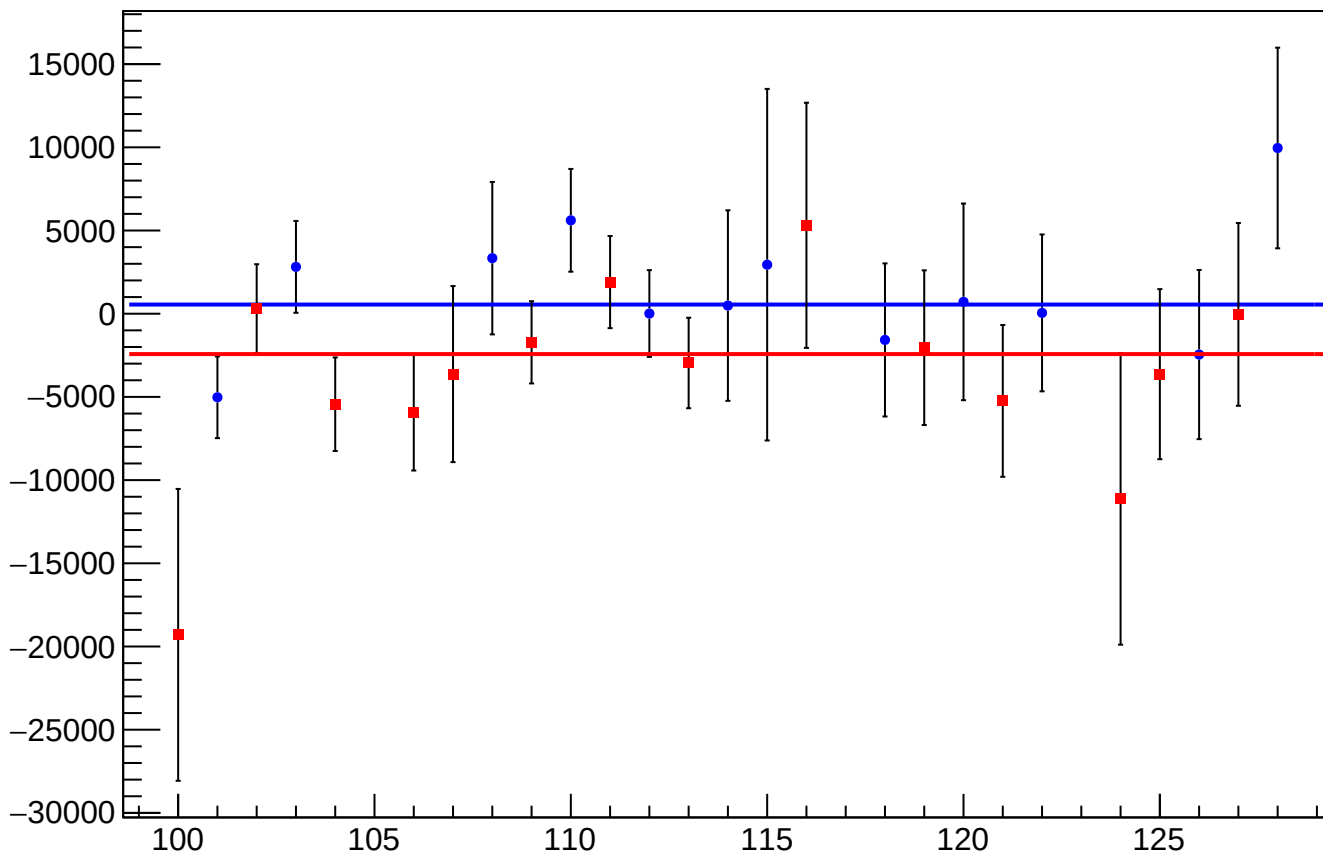
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 231.822+/-0.052 χ^2/NDF : 745251.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_cor_correction_mean vs Slug



Right In: 551.097 $\pm$ 1102.033 χ^2 /NDF: 12.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2426.571 $\pm$ 987.423 χ^2 /NDF: 12.3/13

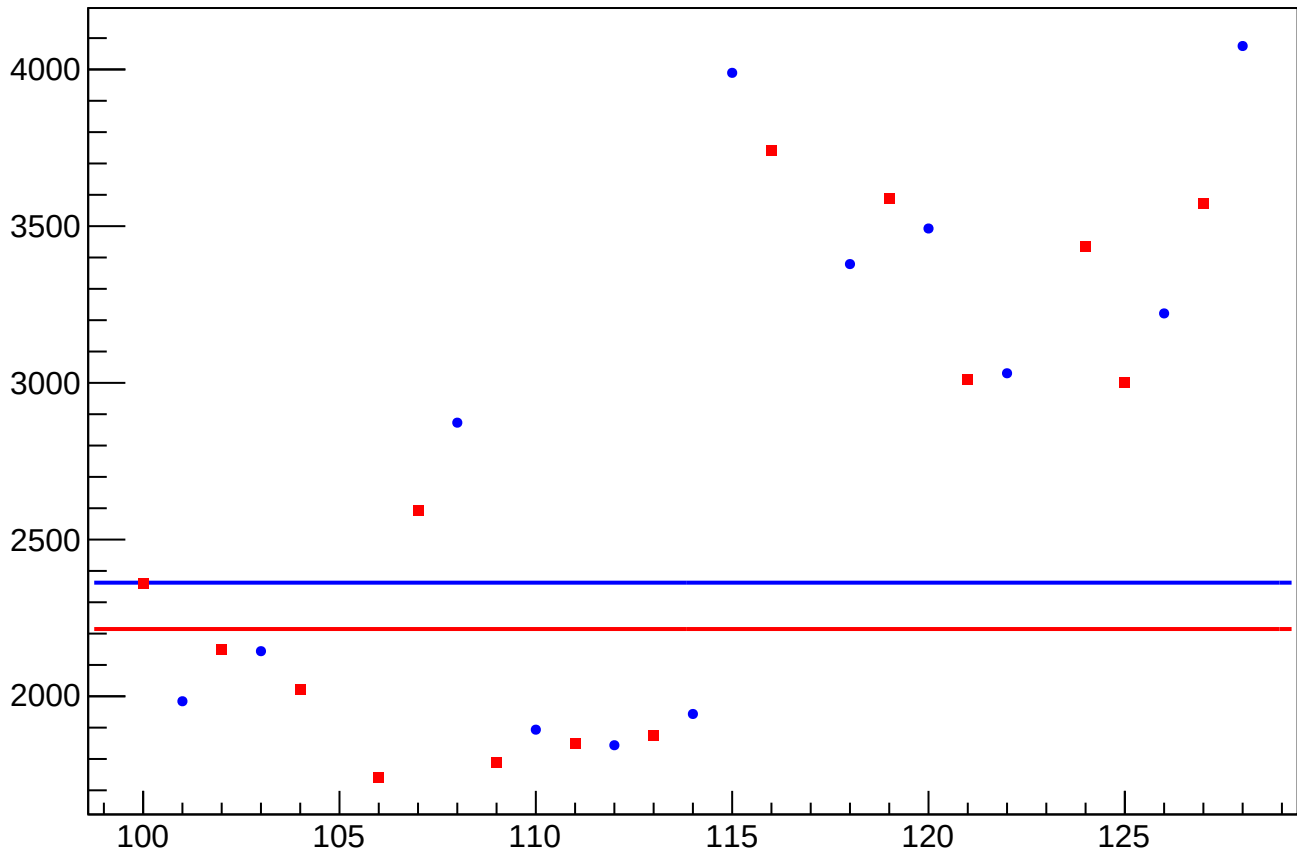
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1100.577 $\pm$ 735.406 χ^2 /NDF: 28.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_cor_correction_rms vs Slug



Right In: 2362.509+/-0.779 χ^2/NDF : 697714.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2214.615+/-0.698 χ^2/NDF : 713656.4/13

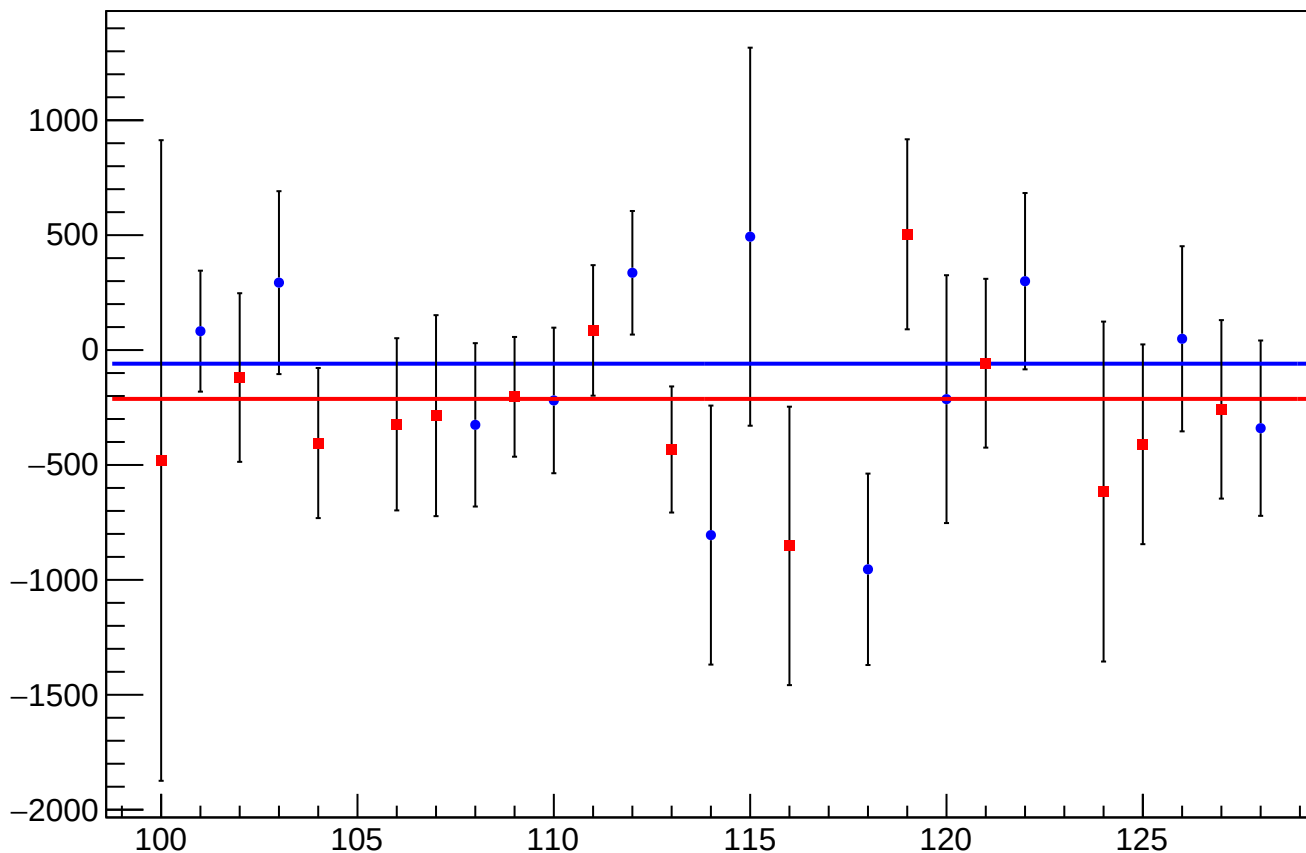
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2280.474+/-0.520 χ^2/NDF : 1431350.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam4_mean vs Slug



Right In: -59.347 ± 107.751 χ^2/NDF : 12.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -212.529 ± 100.085 χ^2/NDF : 7.1/13

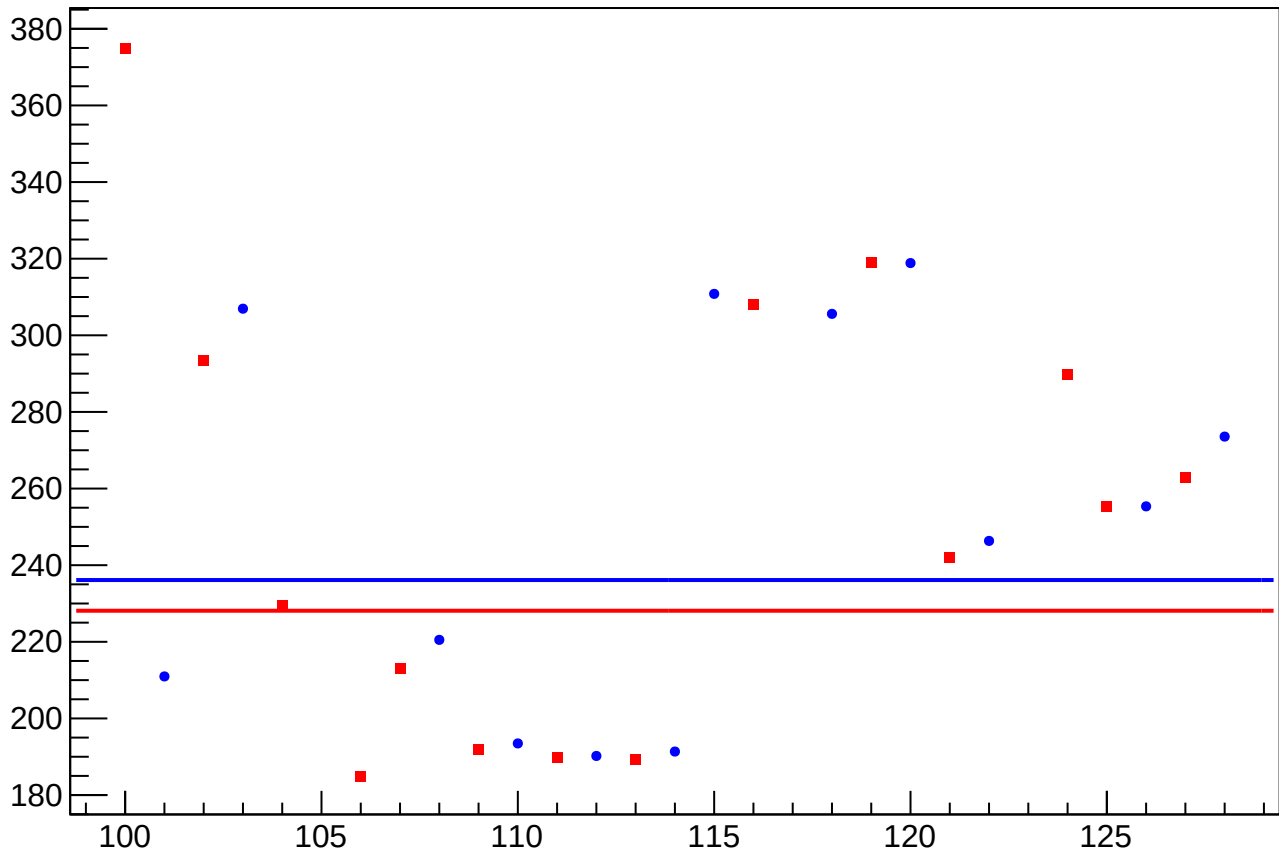
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -141.580 ± 73.331 χ^2/NDF : 20.6/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam4_rms vs Slug



Right In: 236.124+/-0.076 χ^2/NDF : 337162.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 228.111+/-0.071 χ^2/NDF : 402150.0/13

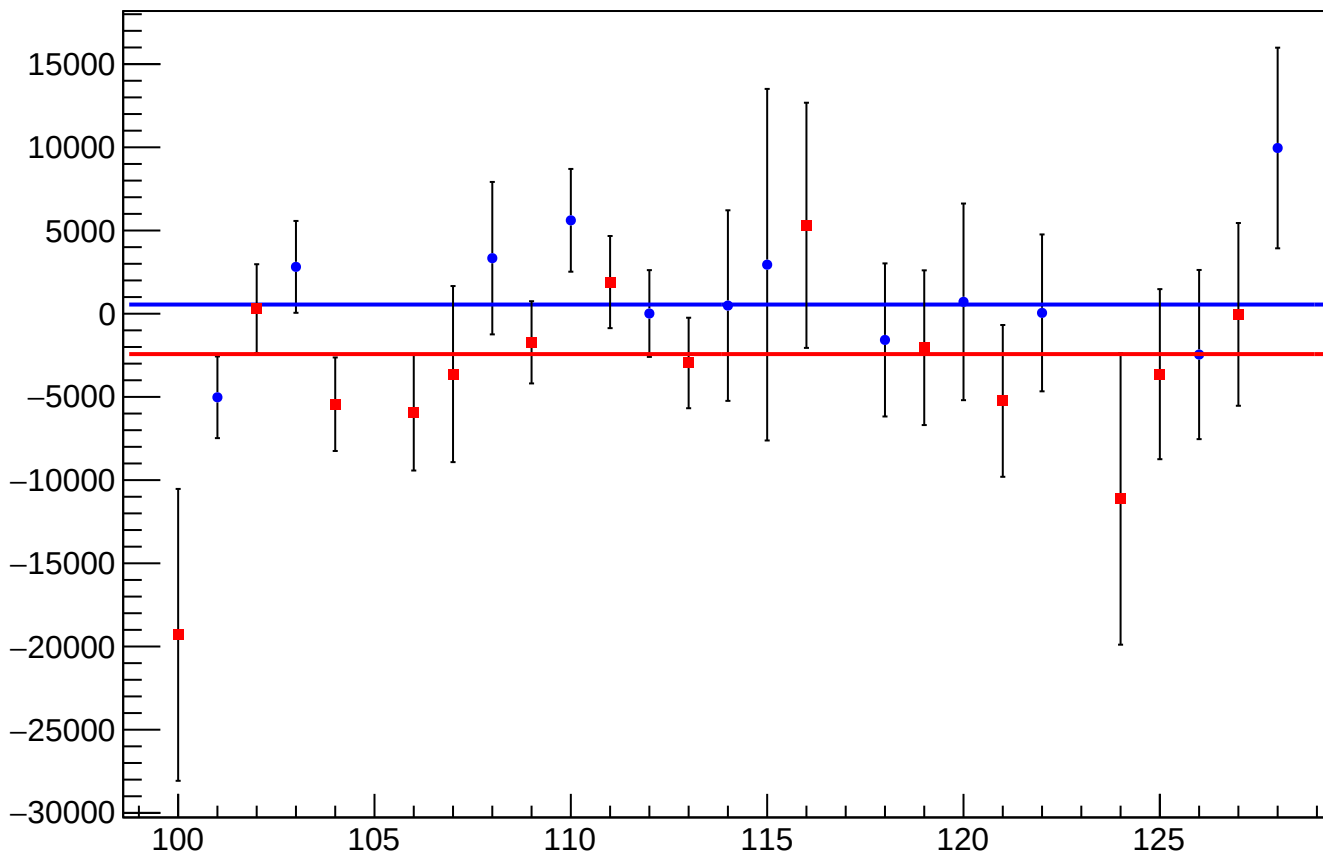
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 231.822+/-0.052 χ^2/NDF : 745251.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_cor_correction_mean vs Slug



Right In: 551.097+/-1102.033 χ^2/NDF : 12.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2426.571+/-987.423 χ^2/NDF : 12.3/13

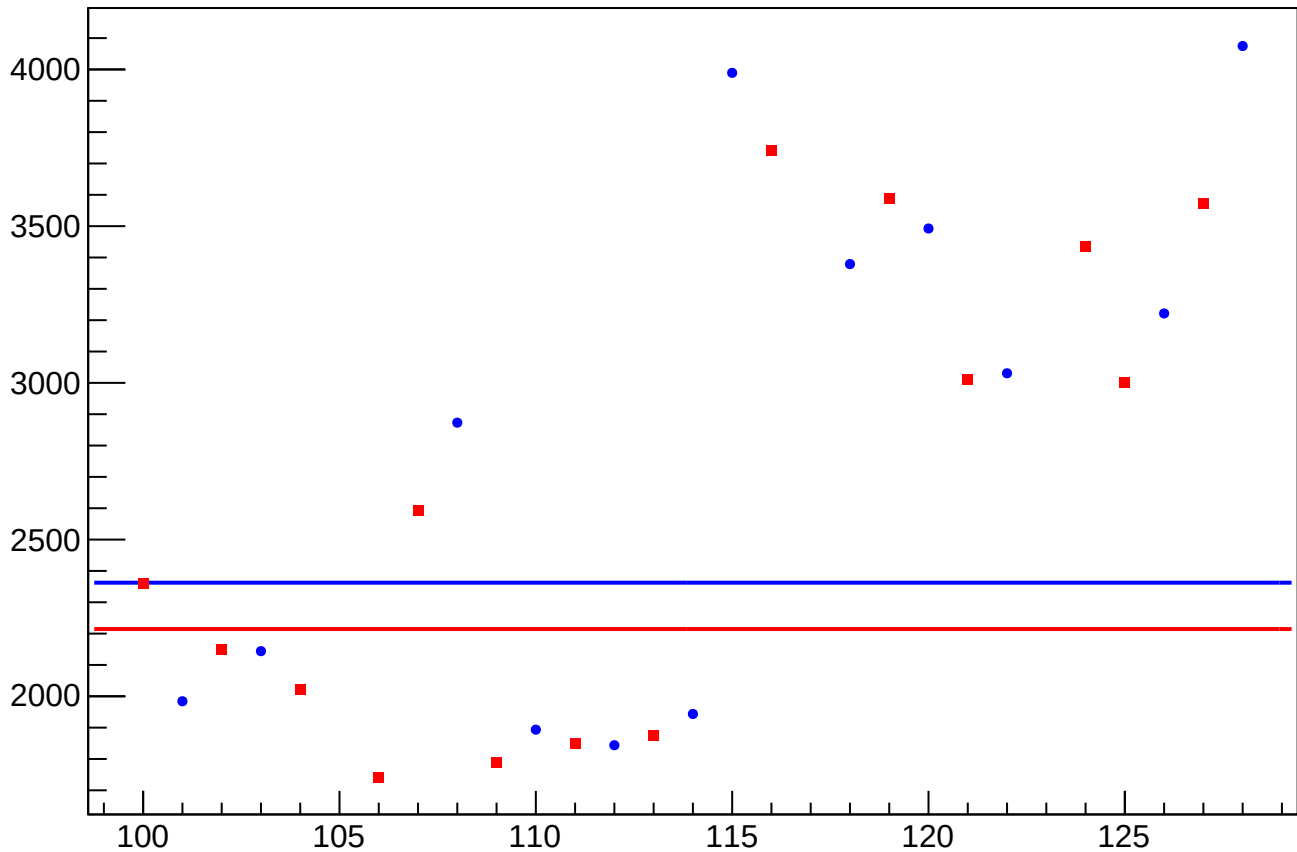
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1100.577+/-735.406 χ^2/NDF : 28.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_cor_correction_rms vs Slug



Right In: 2362.509+/-0.779 χ^2/NDF : 697714.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

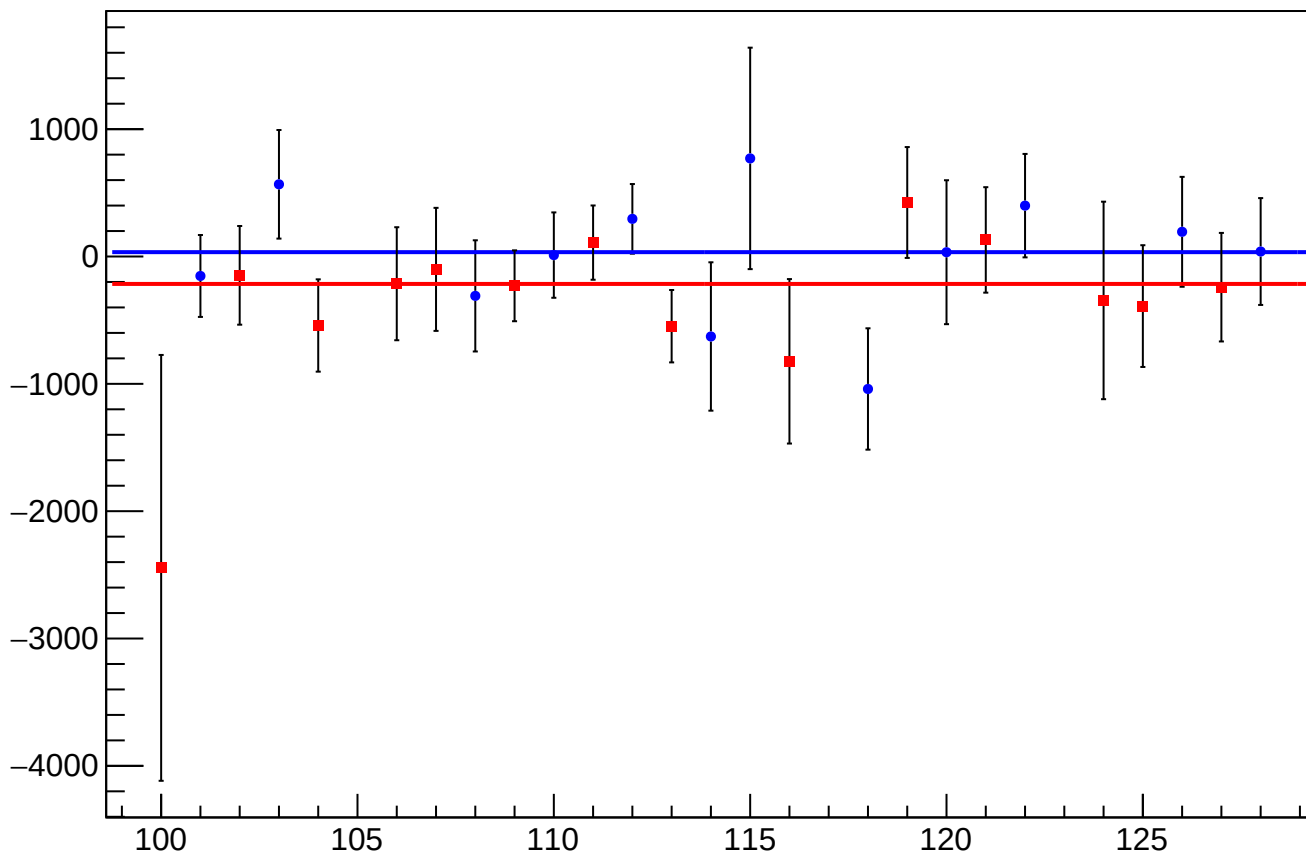
Right Out: 2214.615+/-0.698 χ^2/NDF : 713656.4/13

All: 2280.474+/-0.520 χ^2/NDF : 1431350.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam4_mean vs Slug



Right In: 34.209 $\pm$ 118.176 χ^2 /NDF: 11.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -215.382 $\pm$ 107.770 χ^2 /NDF: 9.2/13

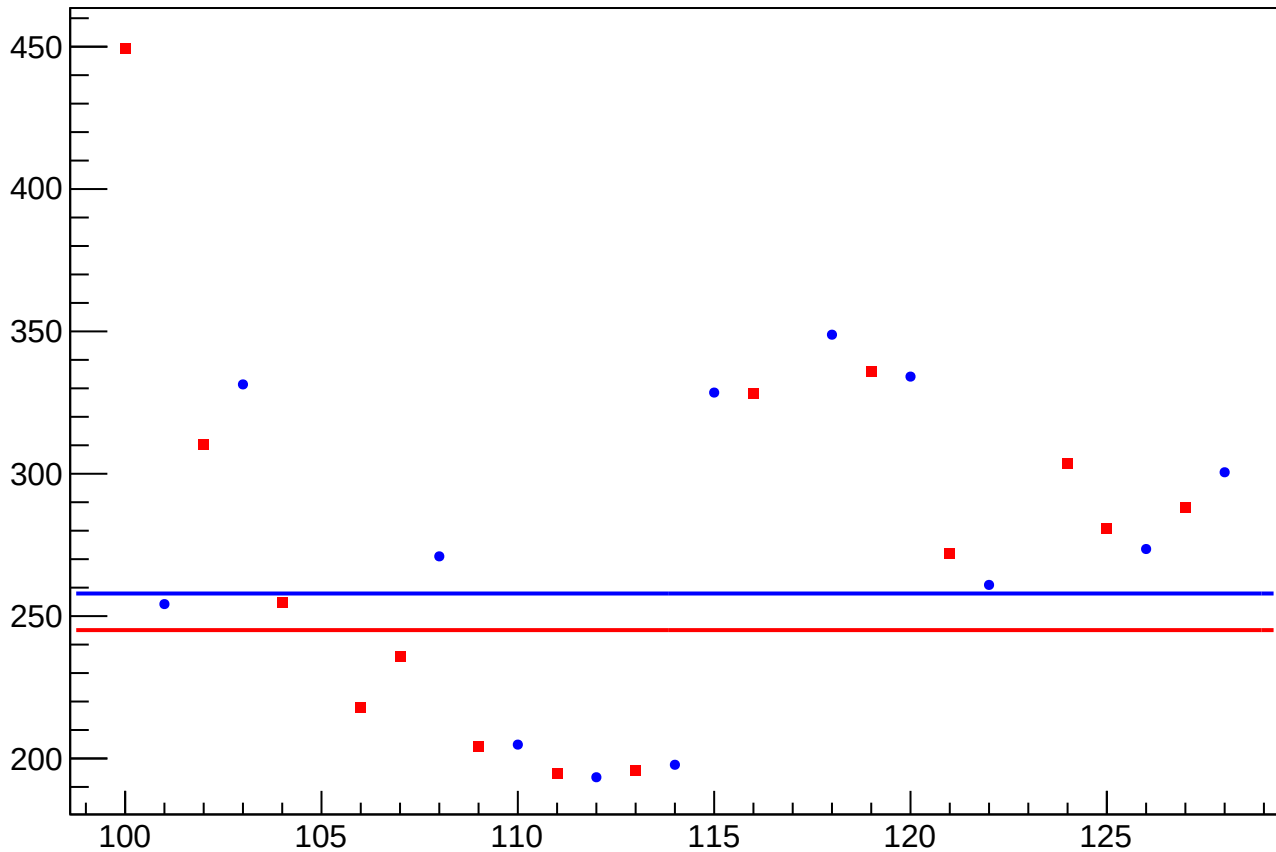
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -102.057 $\pm$ 79.630 χ^2 /NDF: 23.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam4_rms vs Slug



Right In: 257.940 $\pm$ 0.084 χ^2 /NDF: 389889.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 245.084 $\pm$ 0.076 χ^2 /NDF: 431034.9/13

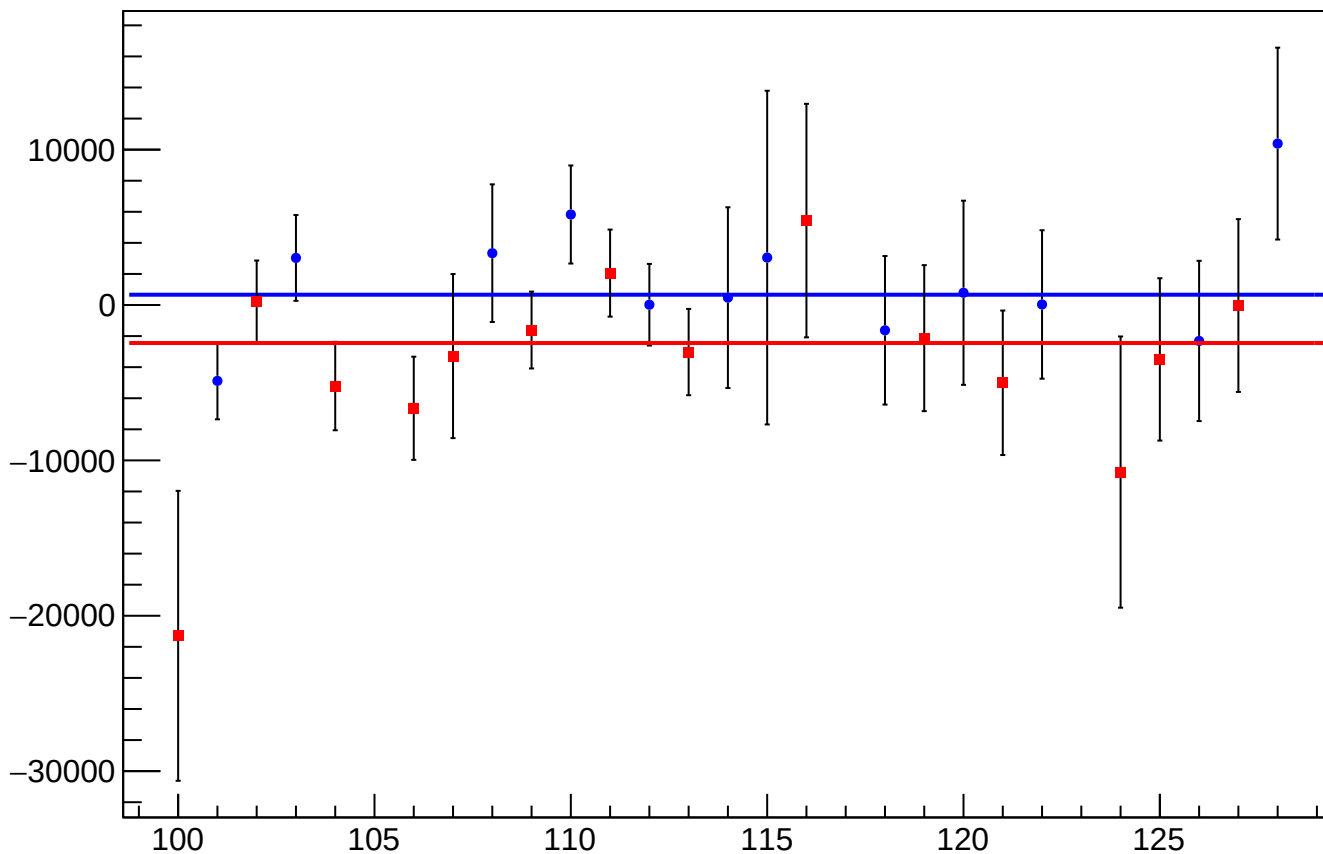
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 250.921 $\pm$ 0.056 χ^2 /NDF: 833845.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_dit_correction_mean vs Slug



Right In: 663.341+/-1111.947 χ^2/NDF : 12.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2444.703+/-993.059 χ^2/NDF : 12.9/13

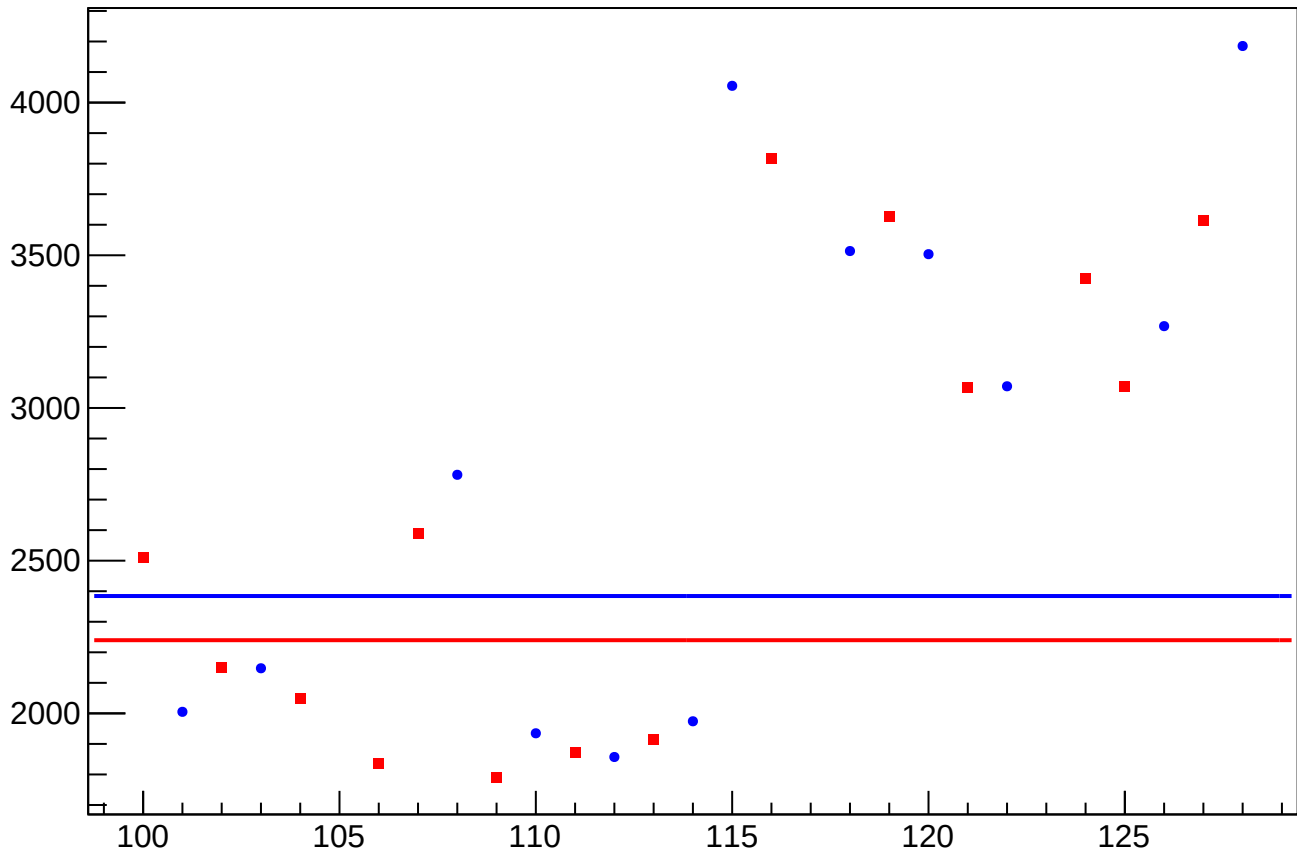
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1065.660+/-740.678 χ^2/NDF : 29.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_dit_correction_rms vs Slug



Right In: 2384.259+/-0.786 χ^2/NDF : 710404.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2239.615+/-0.702 χ^2/NDF : 713911.0/13

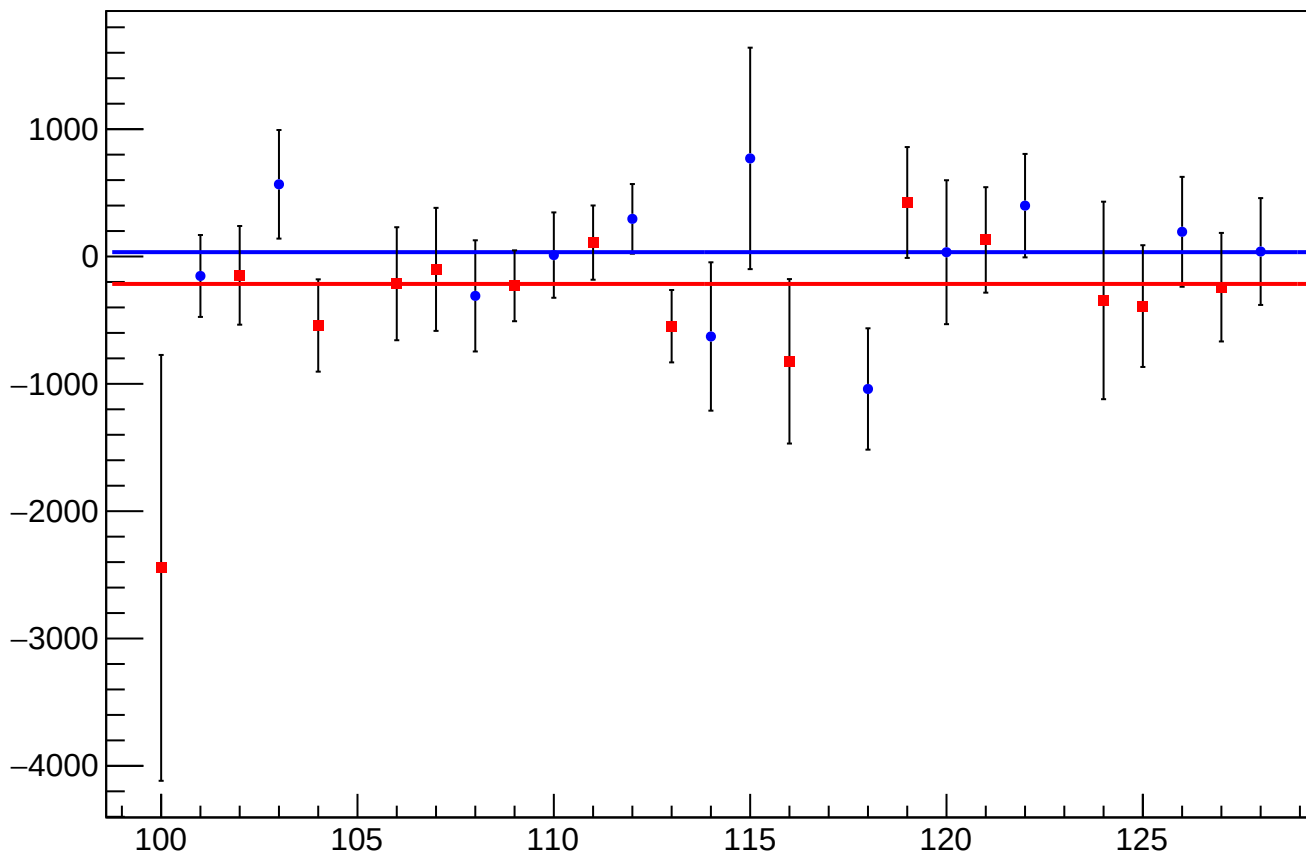
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2303.794+/-0.524 χ^2/NDF : 1443141.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam4_mean vs Slug



Right In: 34.208 $\pm$ 118.176 χ^2 /NDF: 11.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -215.382 $\pm$ 107.770 χ^2 /NDF: 9.2/13

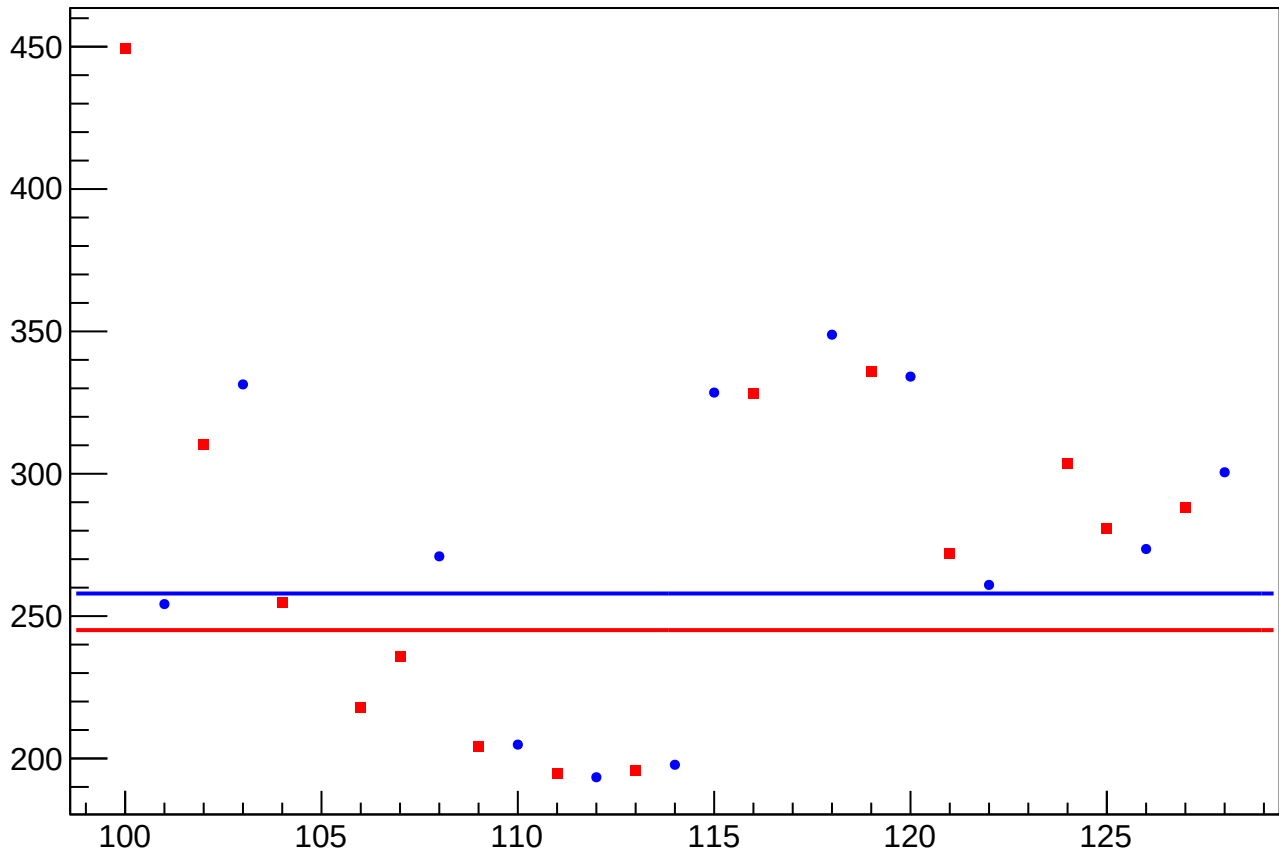
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -102.057 $\pm$ 79.630 χ^2 /NDF: 23.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam4_rms vs Slug



Right In: 257.940 $\pm$ 0.084 χ^2 /NDF: 389893.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 245.084 $\pm$ 0.076 χ^2 /NDF: 431035.4/13

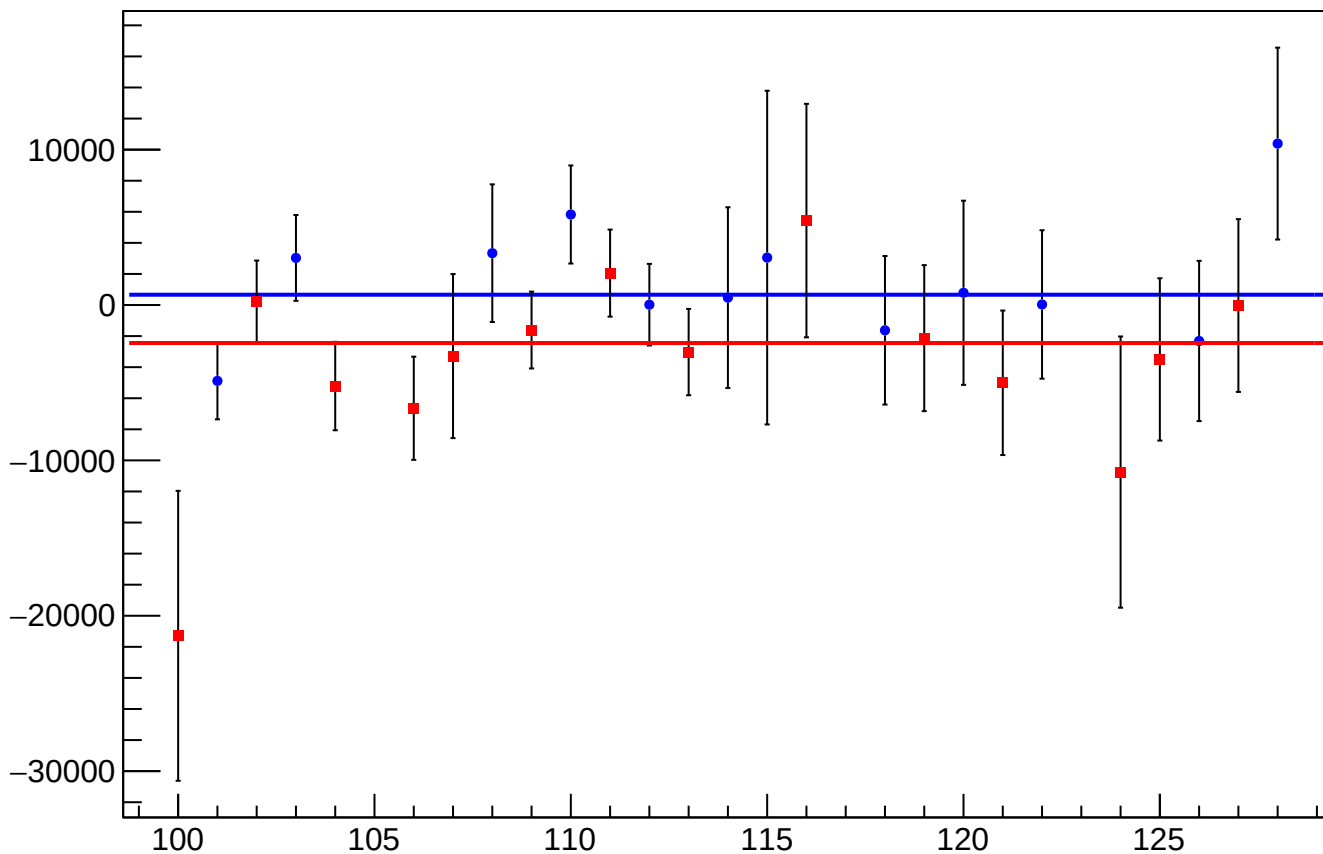
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 250.921 $\pm$ 0.056 χ^2 /NDF: 833850.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_dit_correction_mean vs Slug



Right In: 663.342+/-1111.946 χ^2/NDF : 12.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2444.701+/-993.058 χ^2/NDF : 12.9/13

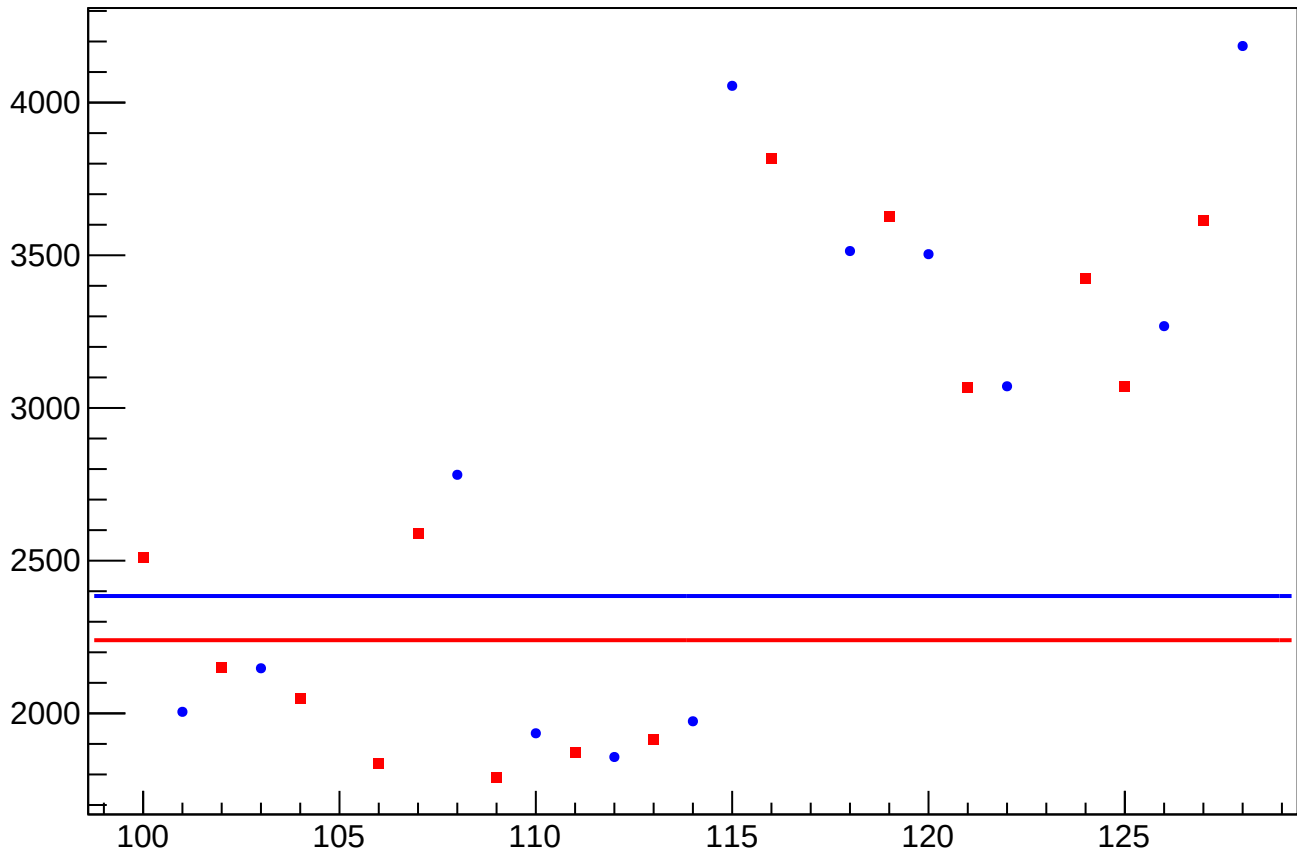
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1065.659+/-740.677 χ^2/NDF : 29.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_dit_correction_rms vs Slug



Right In: 2384.258+/-0.786 χ^2/NDF : 710406.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

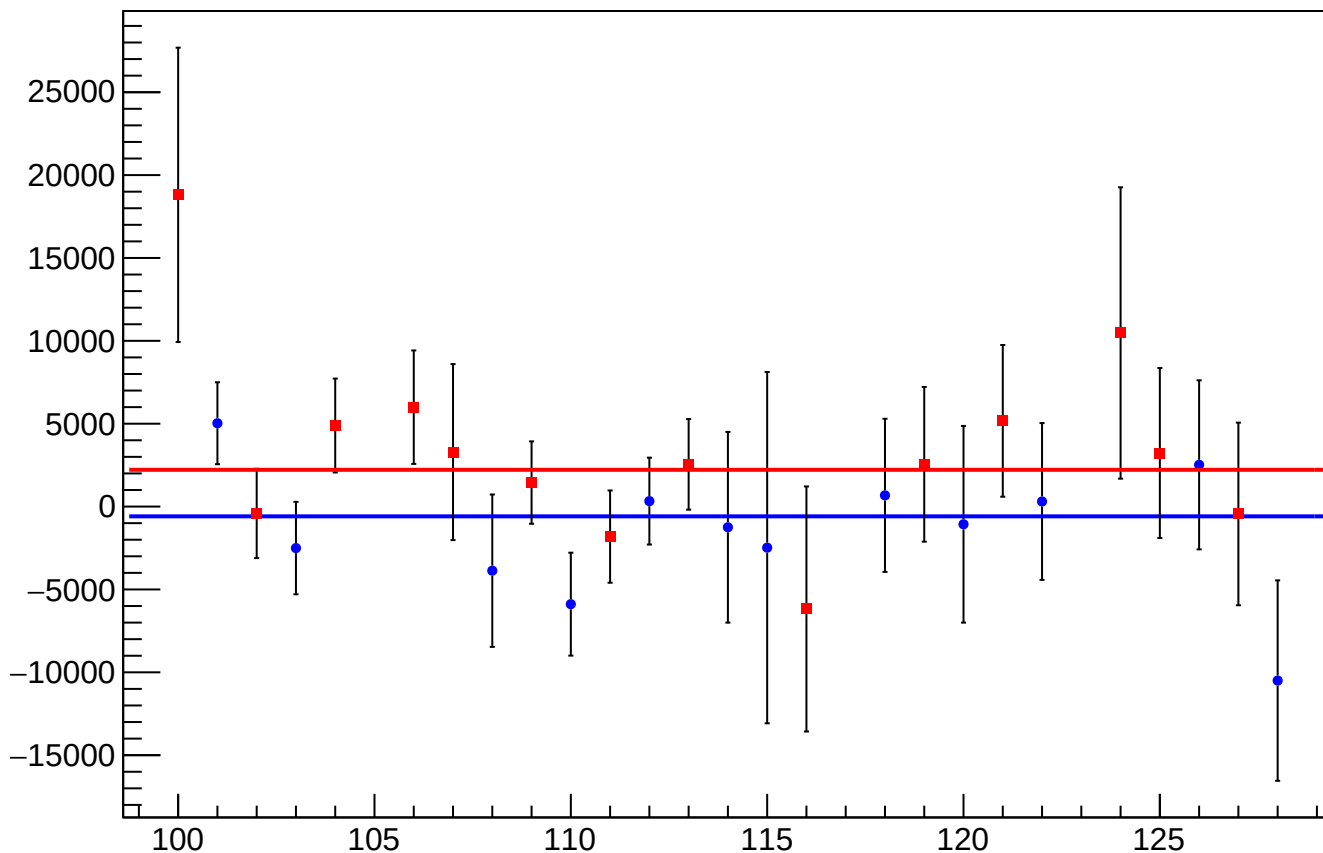
Right Out: 2239.614+/-0.702 χ^2/NDF : 713912.7/13

All: 2303.792+/-0.524 χ^2/NDF : 1443145.9/25

- 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: -589.196+/-1108.590 χ^2/NDF : 12.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2218.452+/-991.704 χ^2/NDF : 11.7/13

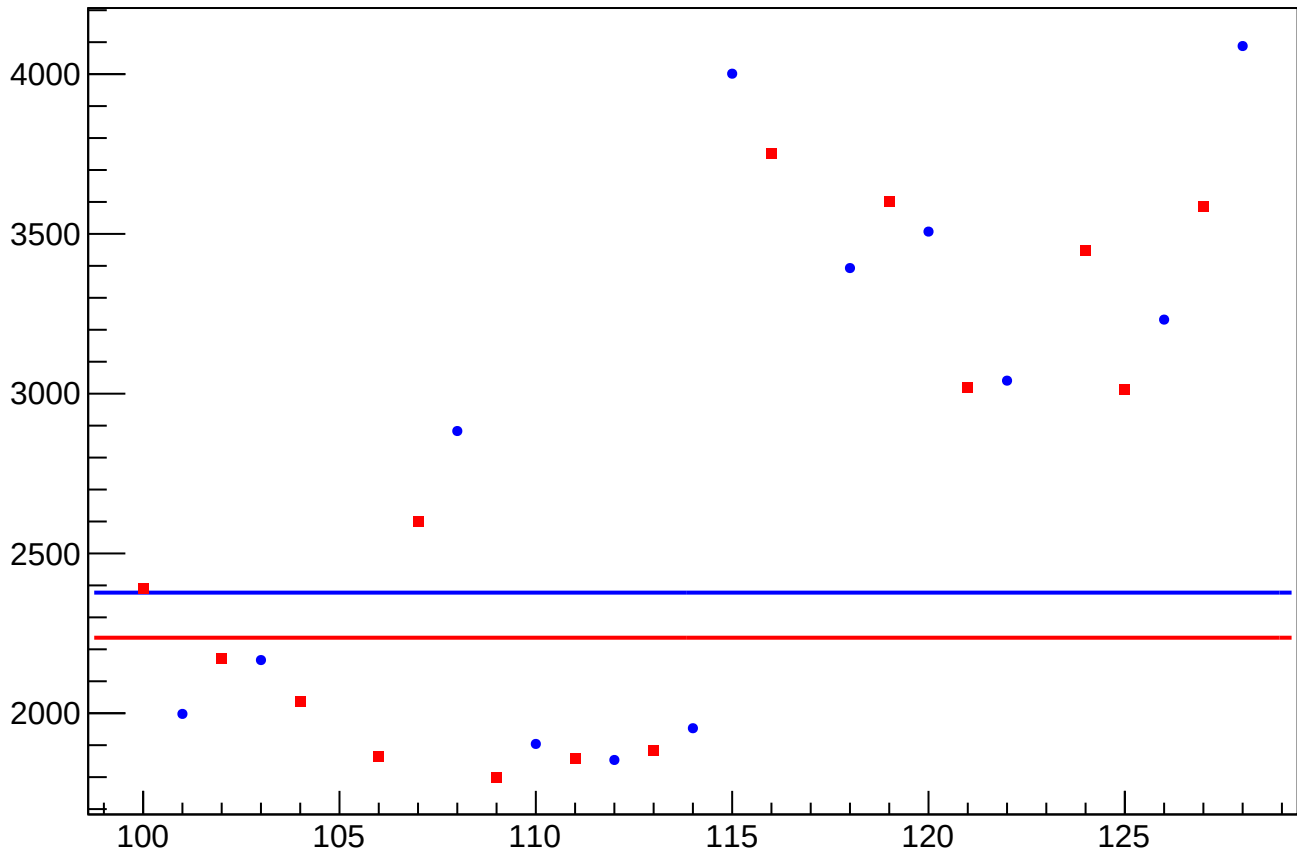
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 970.399+/-739.122 χ^2/NDF : 27.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_rms vs Slug



Right In: 2377.403+/-0.784 χ^2/NDF : 691765.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2236.305+/-0.701 χ^2/NDF : 694217.0/13

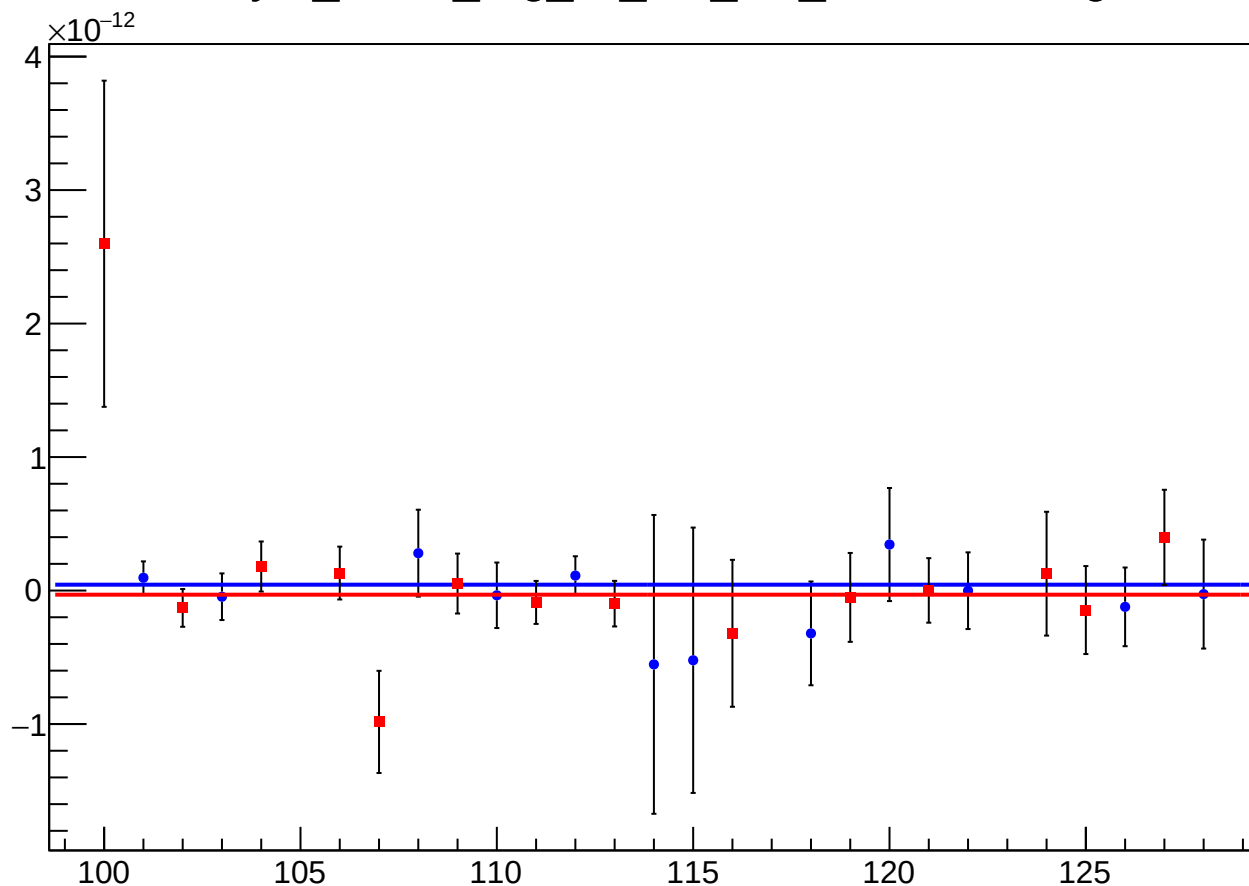
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2299.026+/-0.523 χ^2/NDF : 1403979.0/25

- sign 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: 3.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.7/13

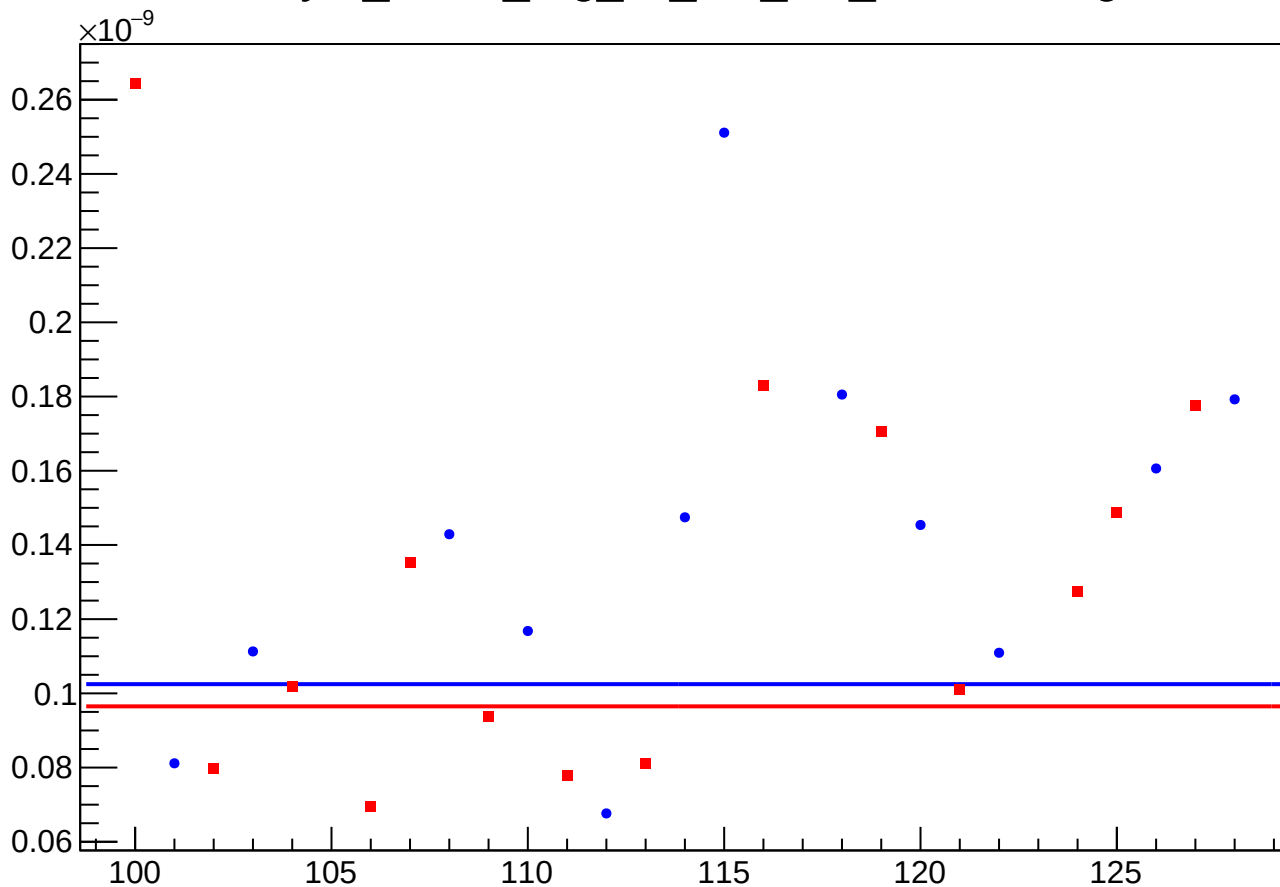
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 20.0/25

- 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: 518621.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 479659.7/13

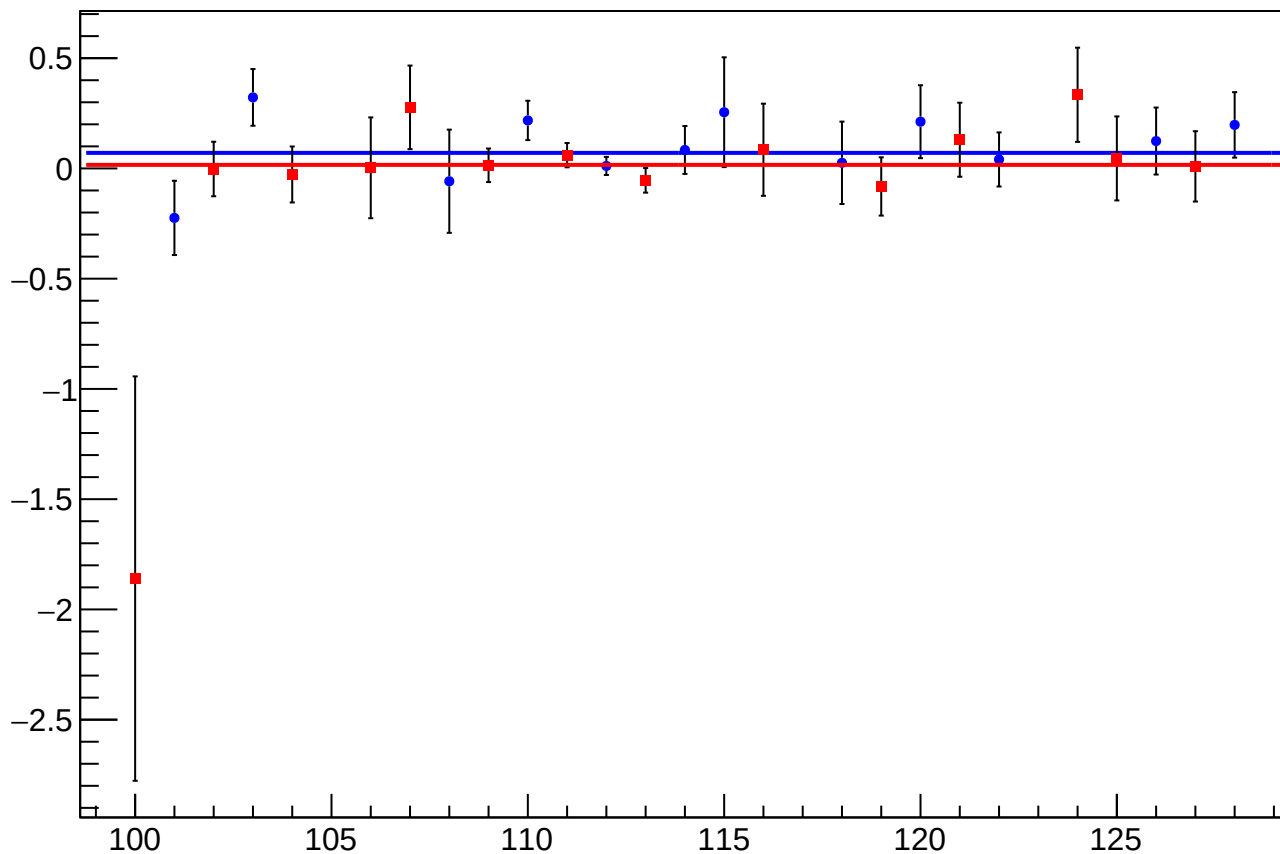
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1006676.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_dit_vs_cor_diff_mean vs Slug



Right In: 0.071 $\pm$ 0.029 χ^2 /NDF: 14.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.016 $\pm$ 0.029 χ^2 /NDF: 11.8/13

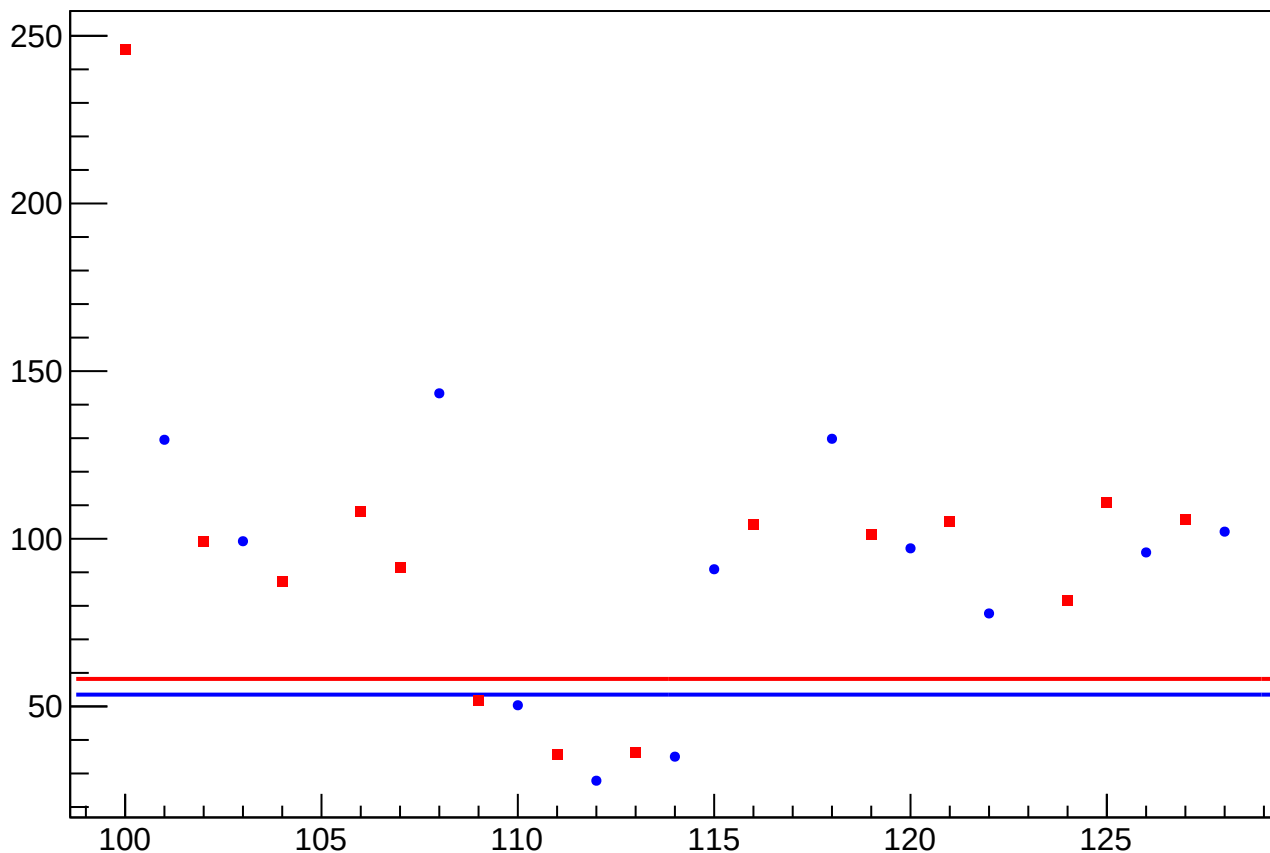
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.043 $\pm$ 0.021 χ^2 /NDF: 27.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_dit_vs_cor_diff_rms vs Slug



Right In: 53.520+/-0.021 χ^2/NDF : 2761187.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.203+/-0.020 χ^2/NDF : 2047379.4/13

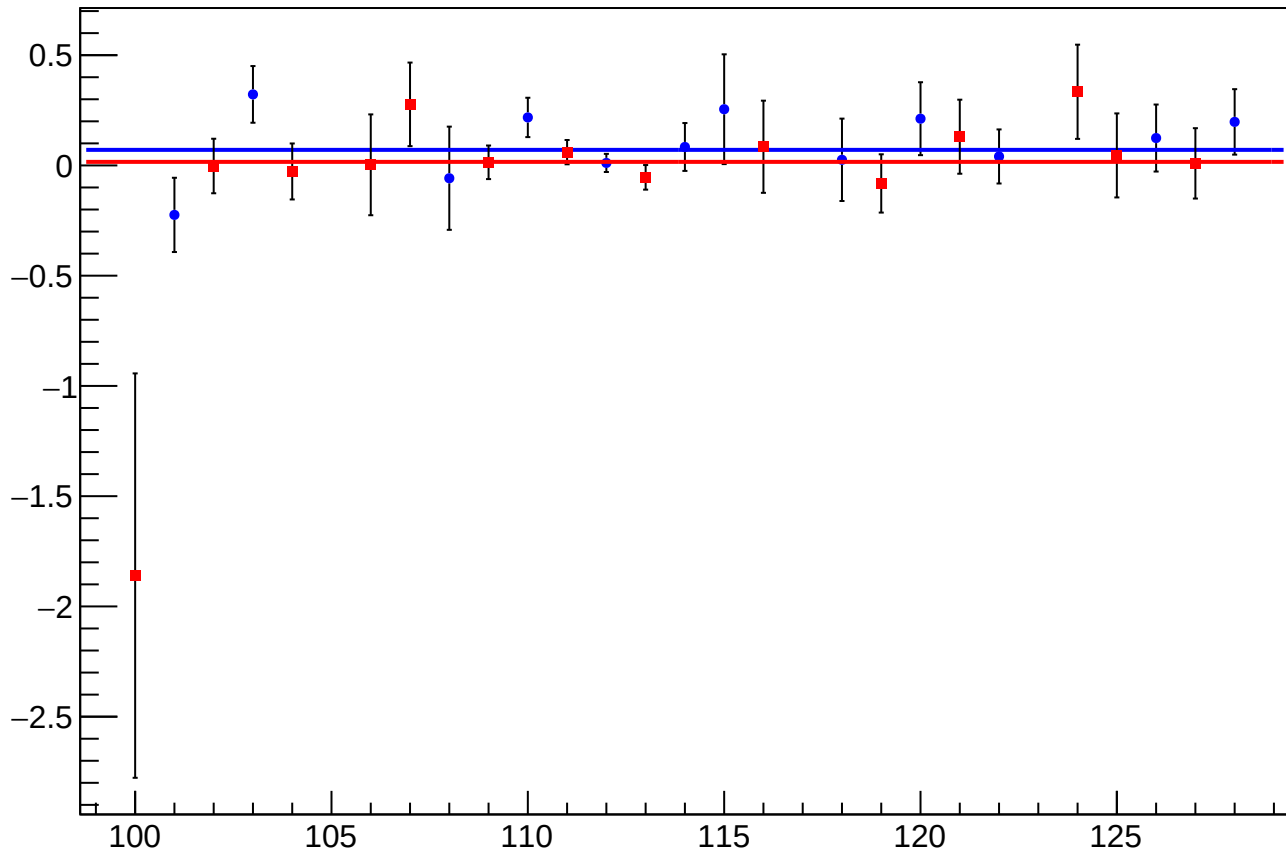
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.913+/-0.015 χ^2/NDF : 4834371.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.071 $\pm$ 0.029 χ^2 /NDF: 14.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.016 $\pm$ 0.029 χ^2 /NDF: 11.8/13

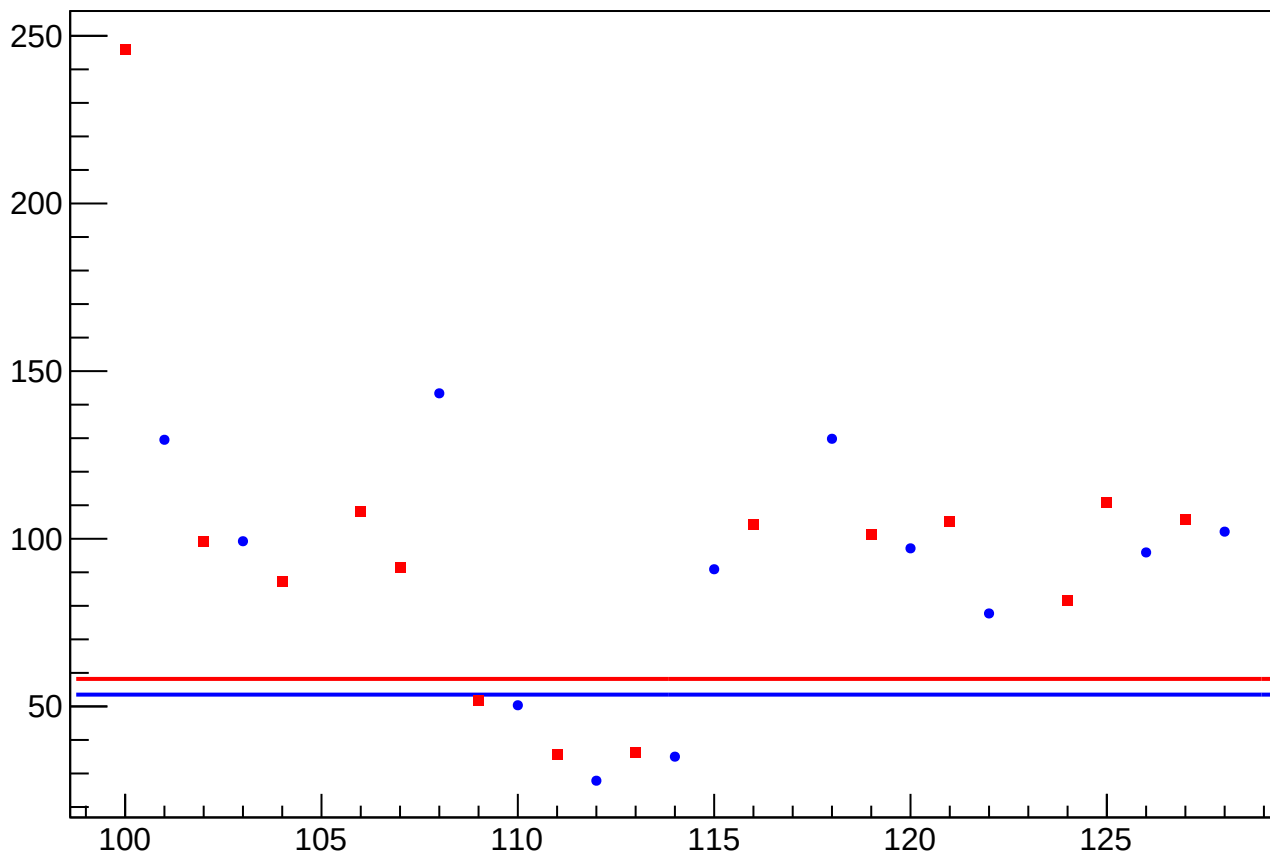
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.043 $\pm$ 0.021 χ^2 /NDF: 27.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 53.520+/-0.021 χ^2/NDF : 2761187.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.203+/-0.020 χ^2/NDF : 2047379.4/13

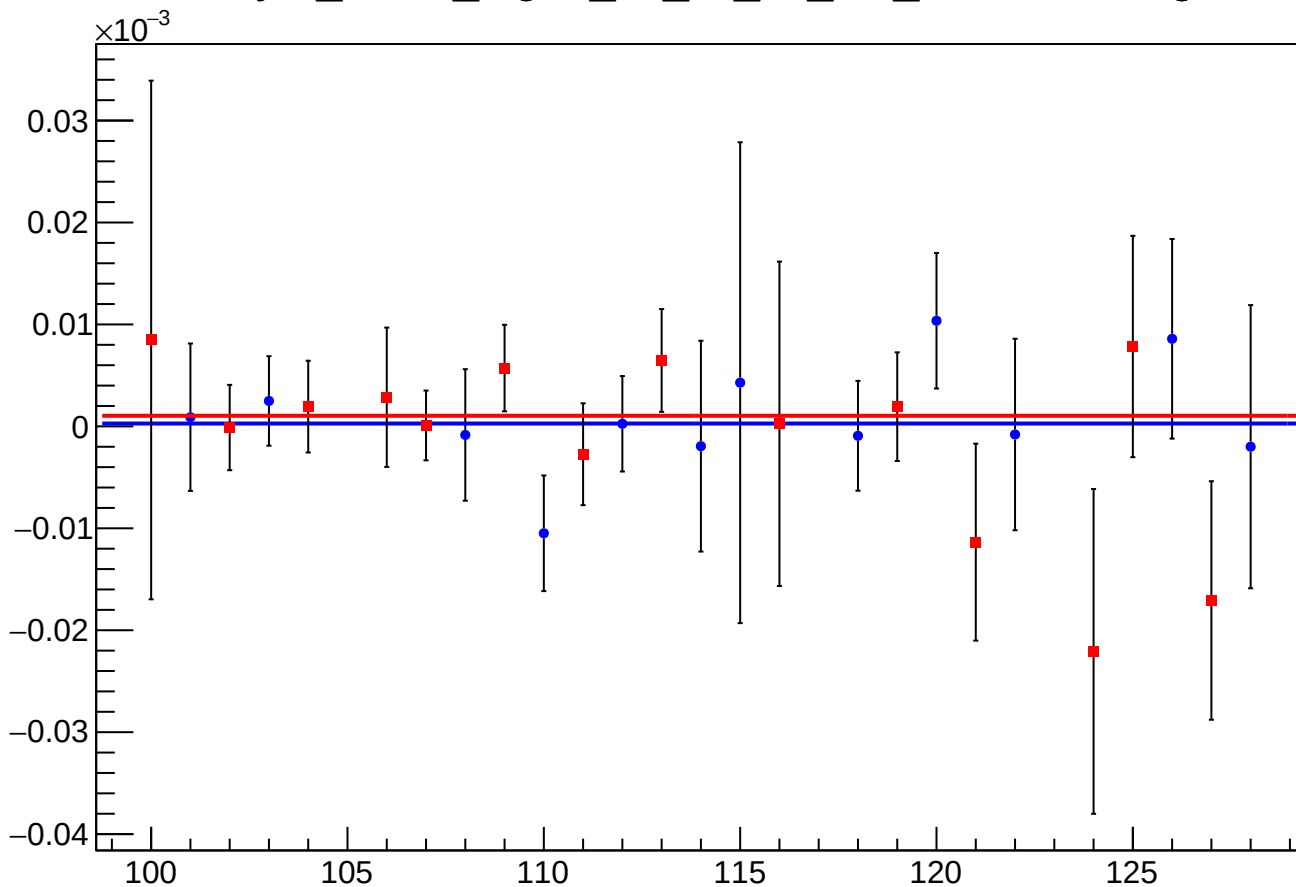
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.913+/-0.015 χ^2/NDF : 4834371.1/25

- 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: 7.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.9/13

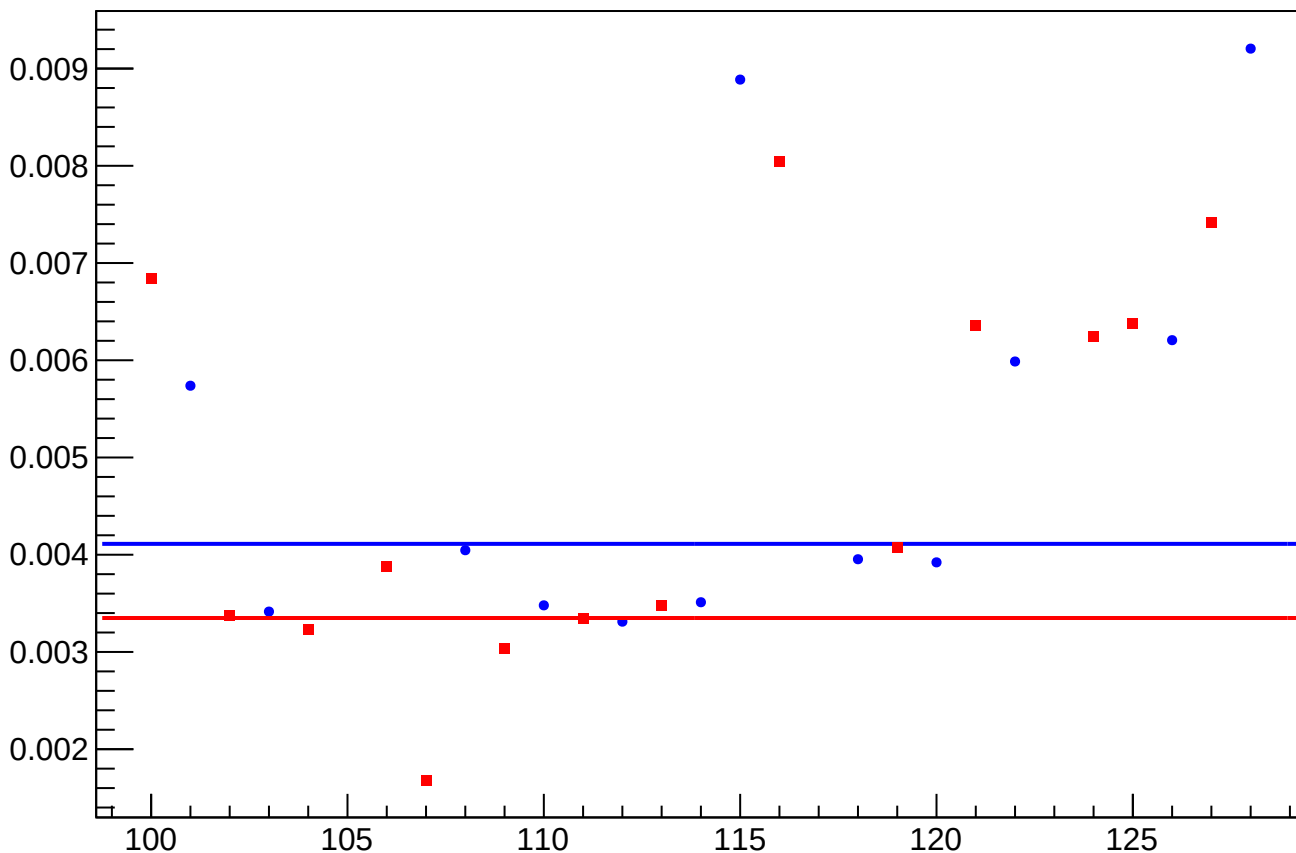
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.0/25

- 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 : 767335.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1409756.9/13

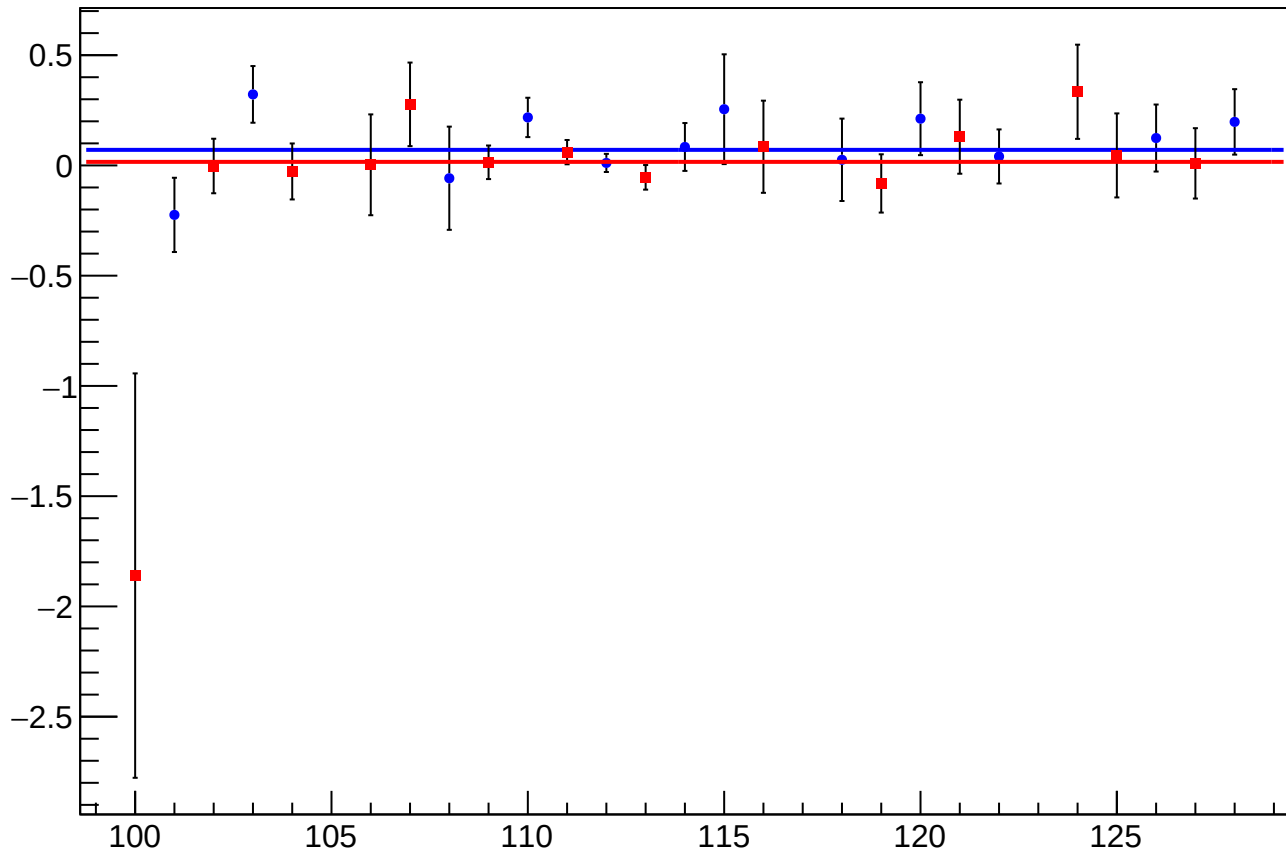
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 2366761.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.071 $\pm$ 0.029 χ^2 /NDF: 14.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.016 $\pm$ 0.029 χ^2 /NDF: 11.8/13

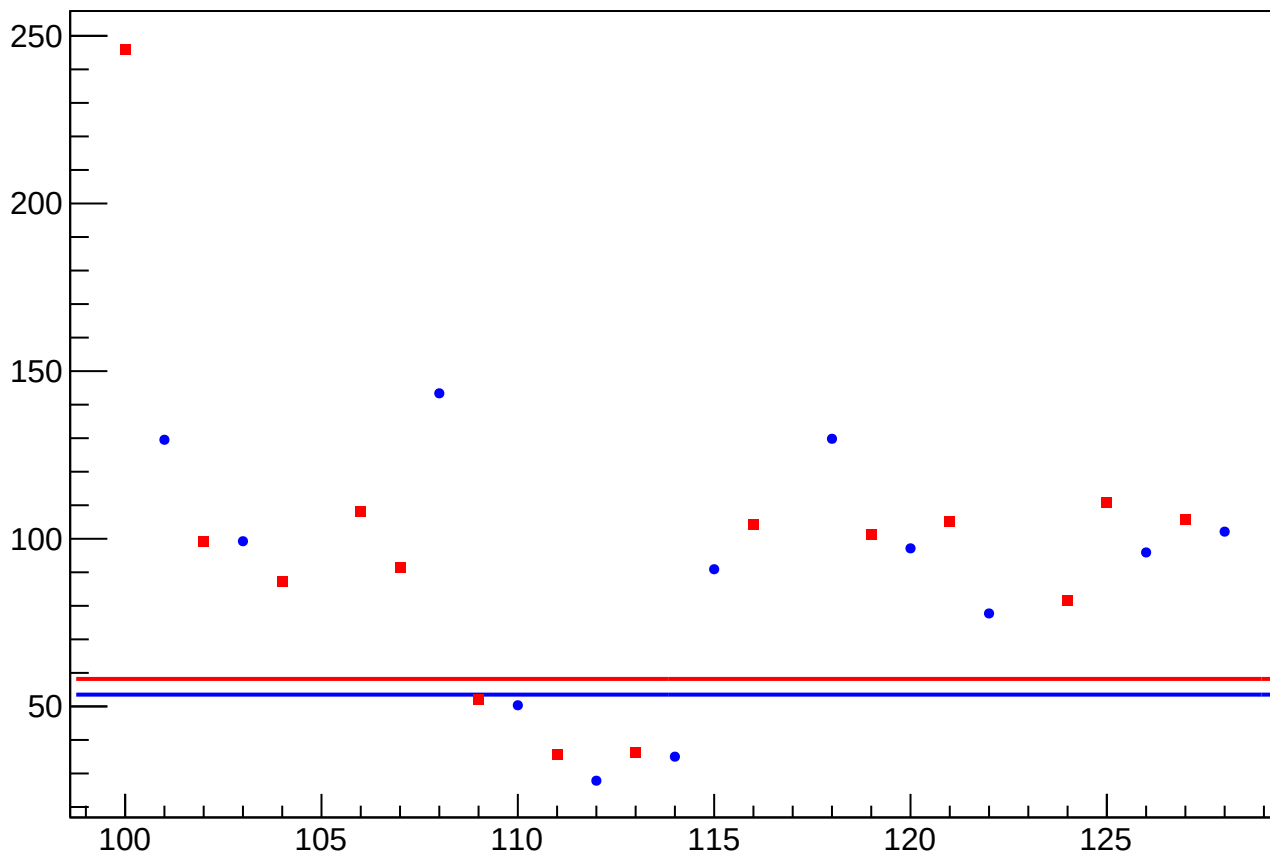
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.043 $\pm$ 0.021 χ^2 /NDF: 27.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 53.518+/-0.021 χ^2/NDF : 2761364.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.201+/-0.020 χ^2/NDF : 2047547.6/13

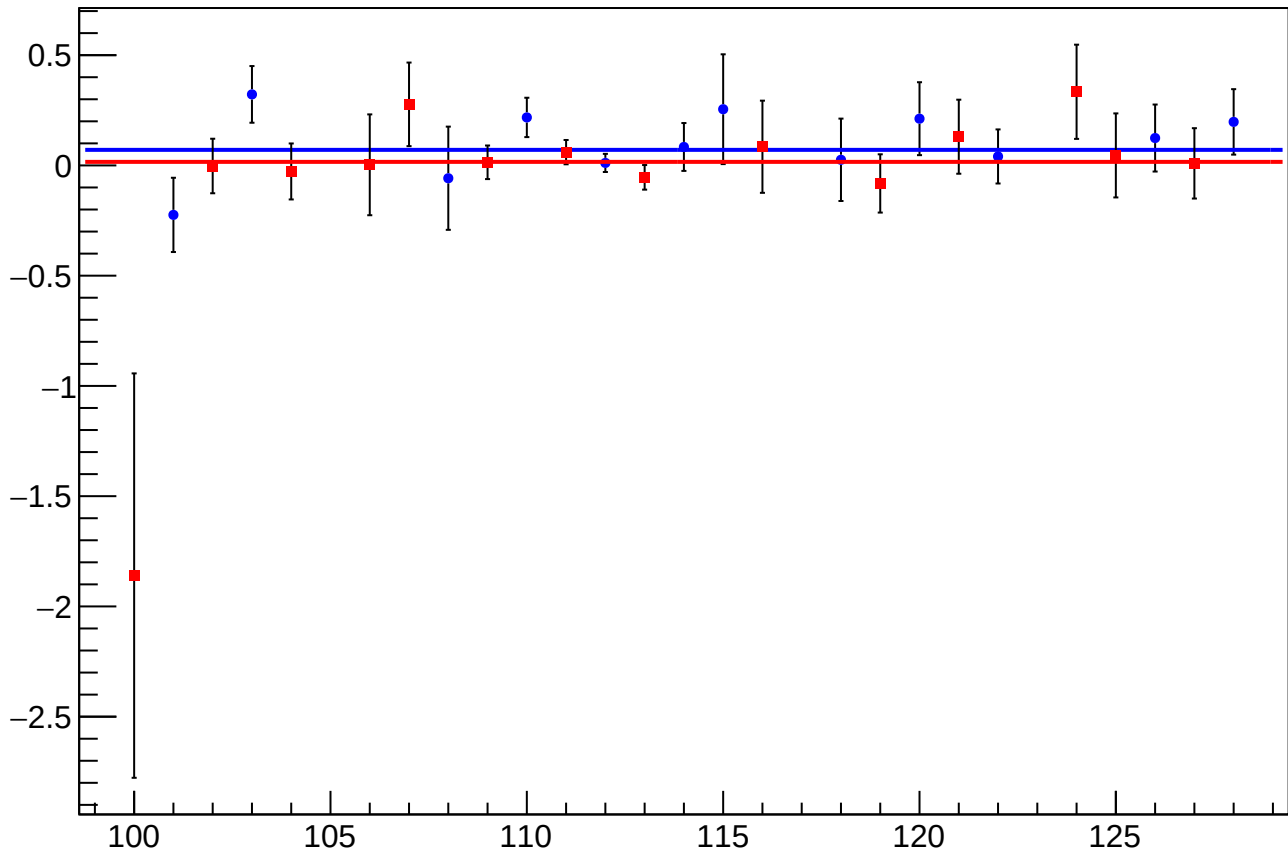
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.911+/-0.015 χ^2/NDF : 4834719.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.071+/-0.029 χ^2/NDF : 14.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.029 χ^2/NDF : 11.8/13

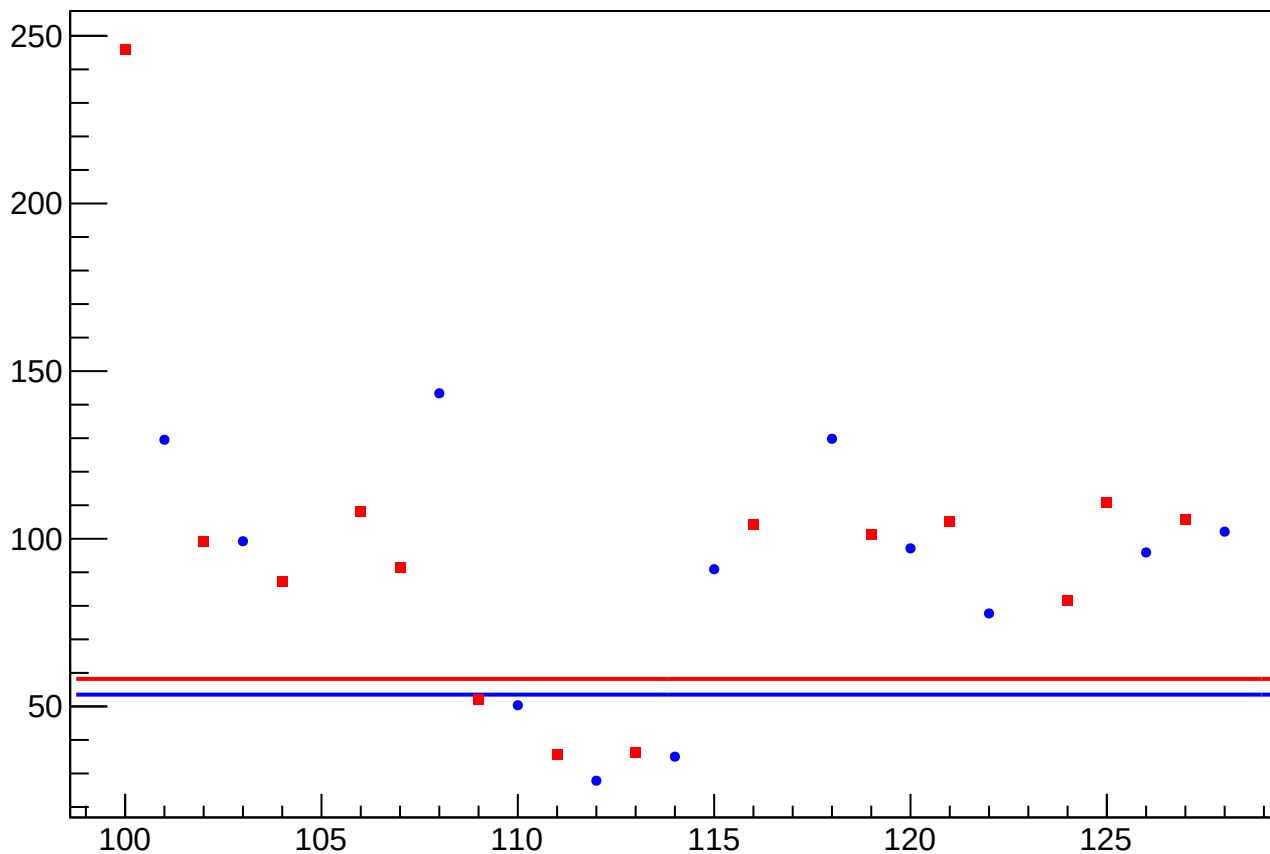
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.043+/-0.021 χ^2/NDF : 27.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 53.518+/-0.021 χ^2/NDF : 2761364.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.201+/-0.020 χ^2/NDF : 2047547.6/13

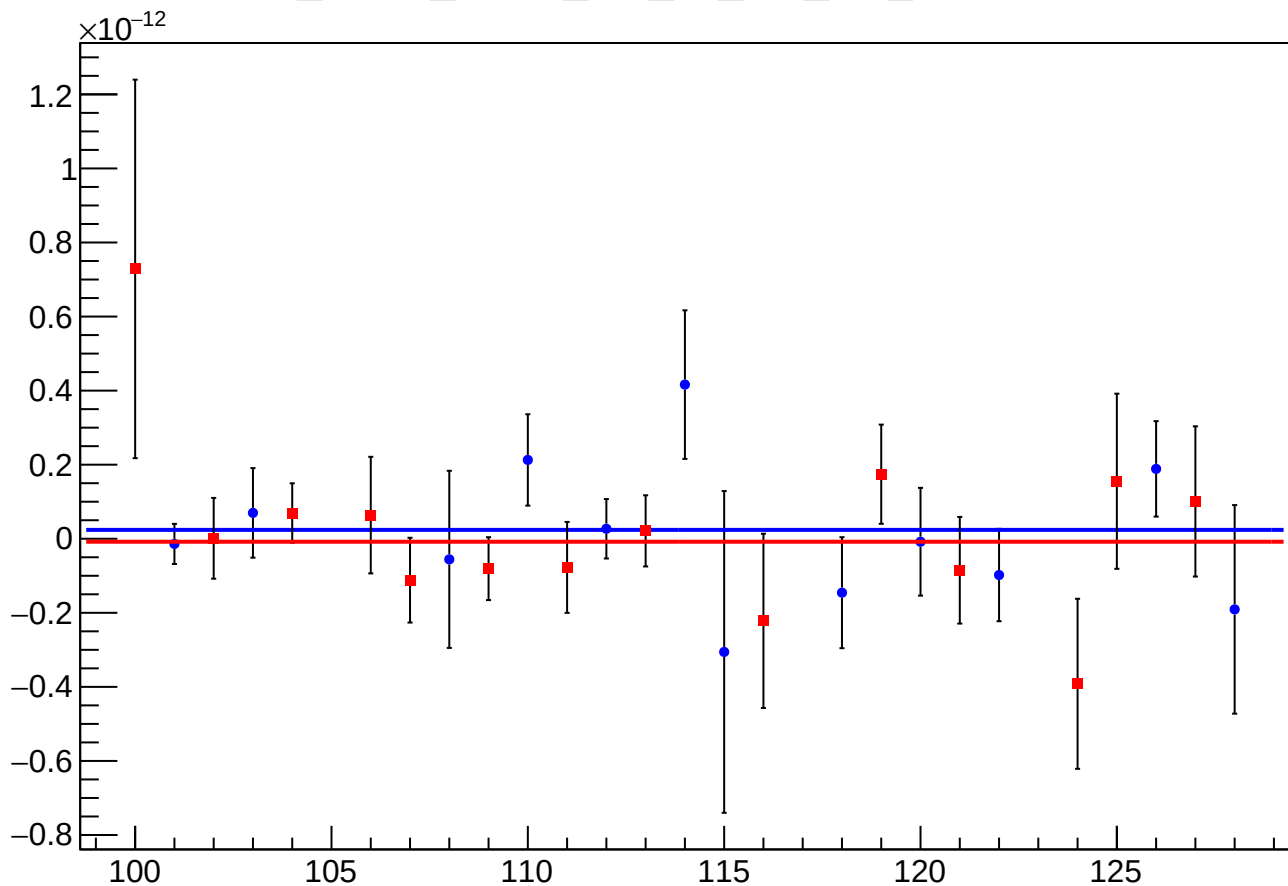
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.911+/-0.015 χ^2/NDF : 4834719.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 12.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 11.7/13

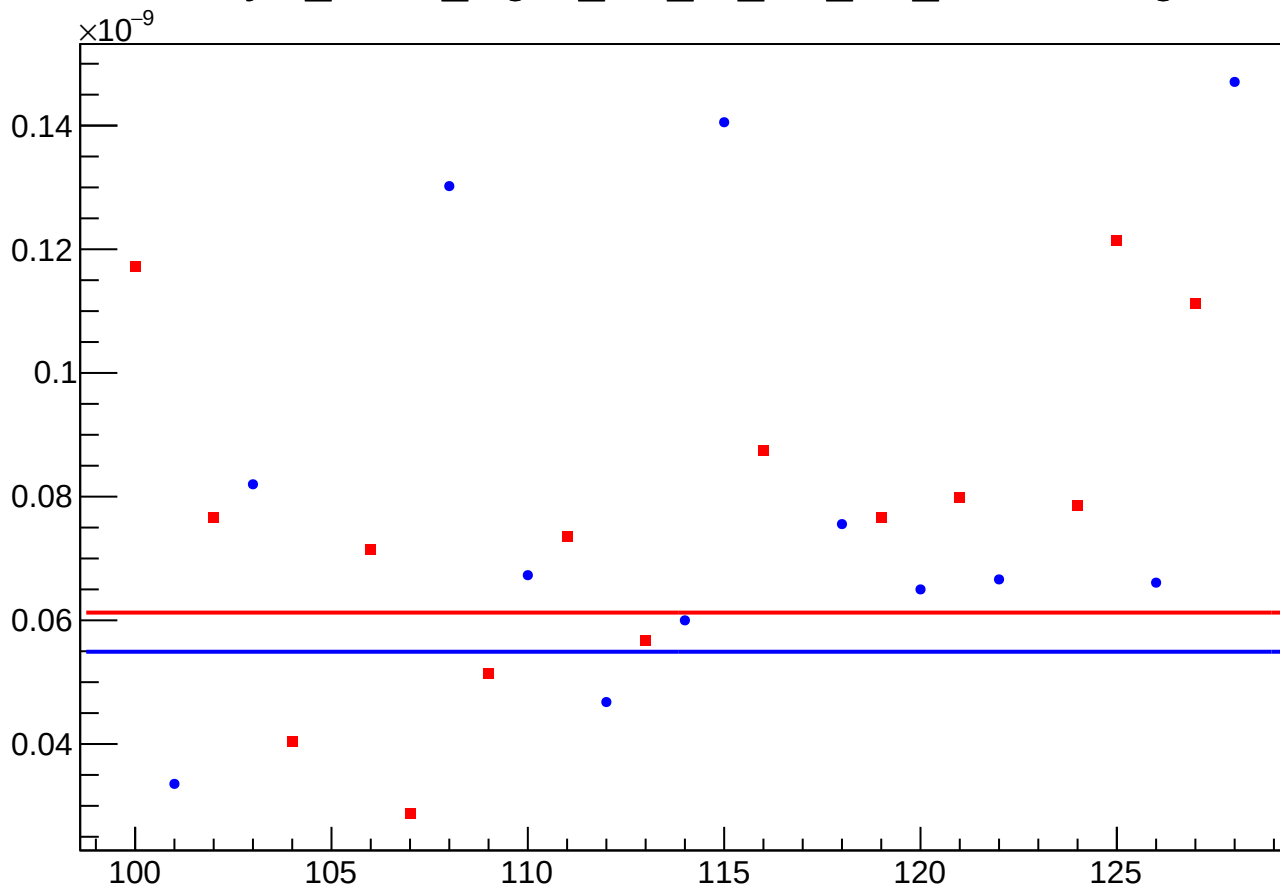
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 24.2/25

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1023440.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 765941.4/13

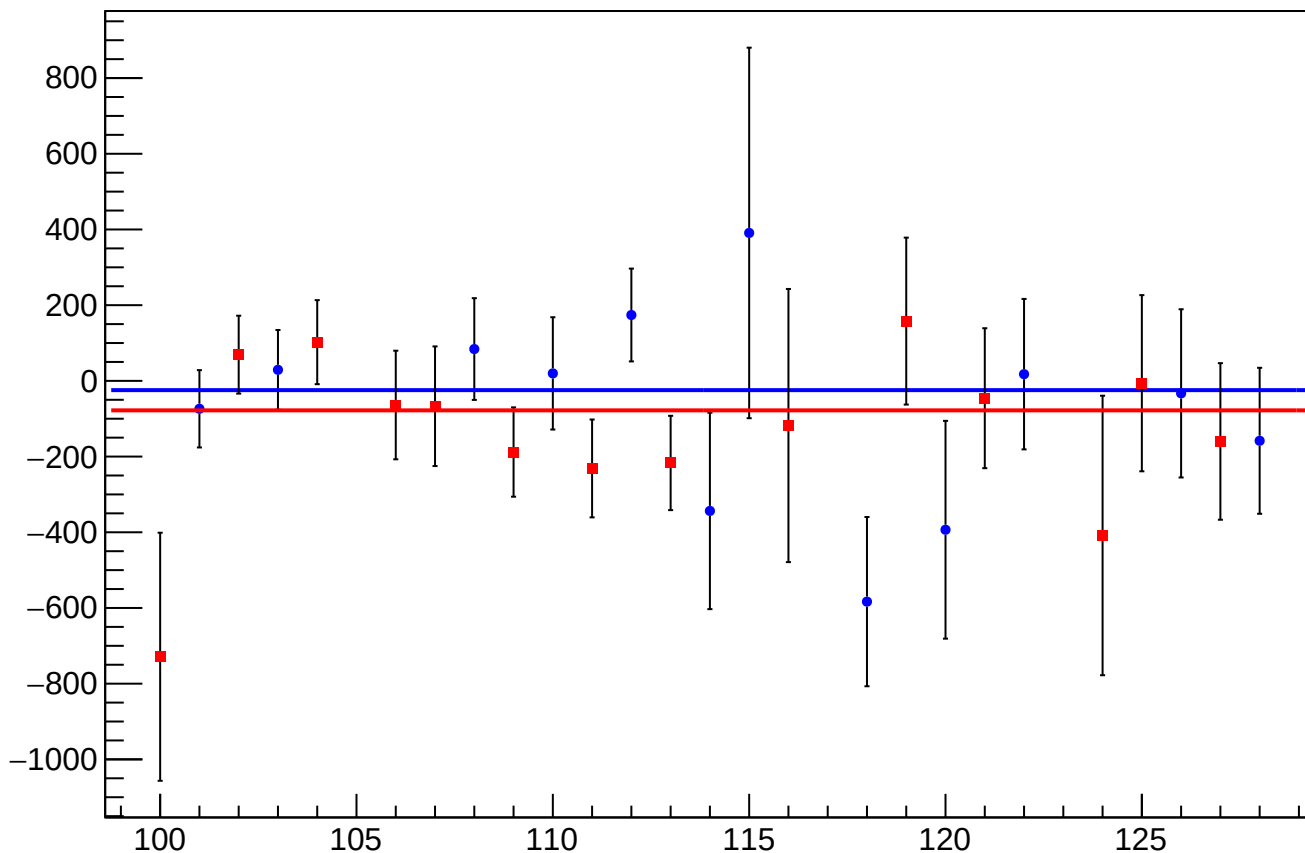
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1824685.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam5_mean vs Slug



Right In: -24.487+/-45.790 χ^2/NDF : 14.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -77.905+/-41.656 χ^2/NDF : 14.4/13

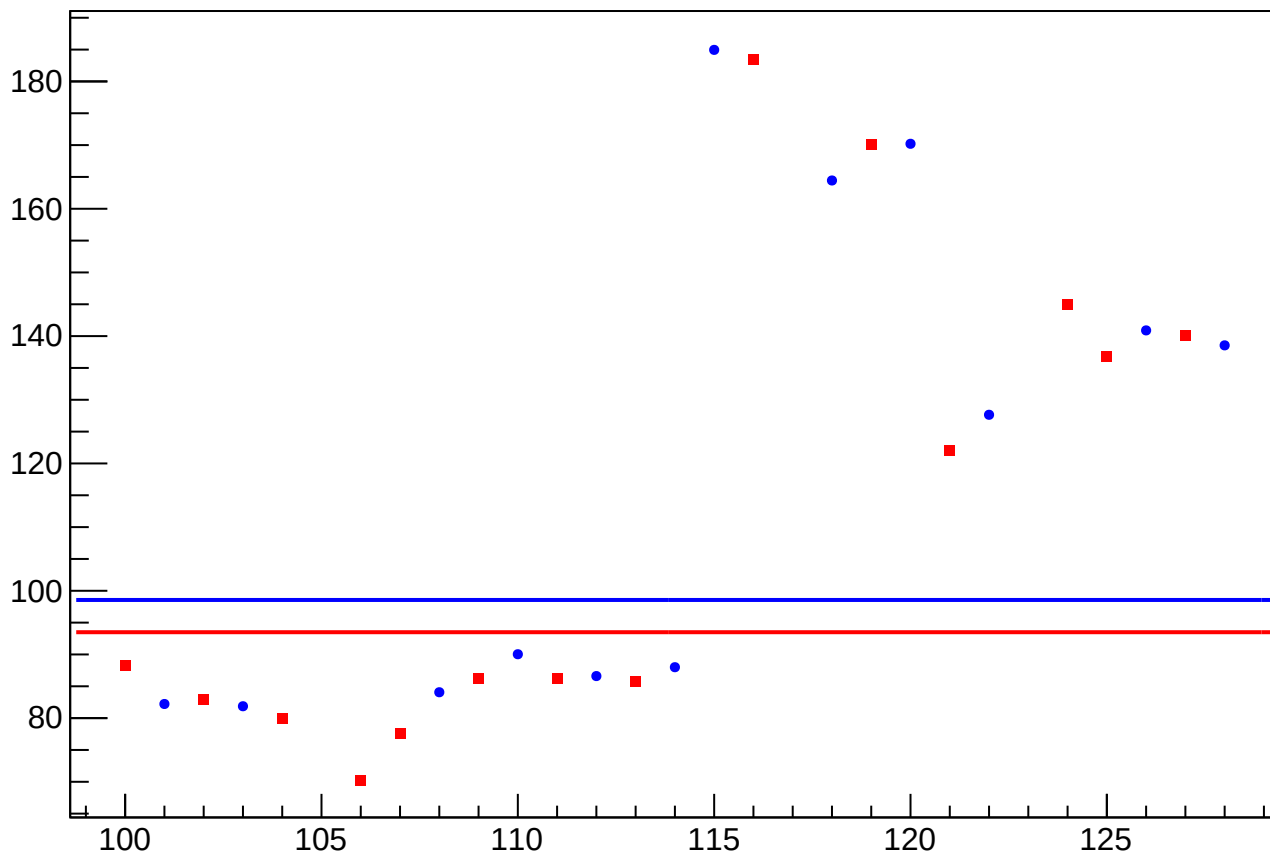
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.716+/-30.813 χ^2/NDF : 29.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_rms vs Slug



Right In: 98.558+/-0.032 χ^2/NDF : 715079.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.493+/-0.029 χ^2/NDF : 769053.0/13

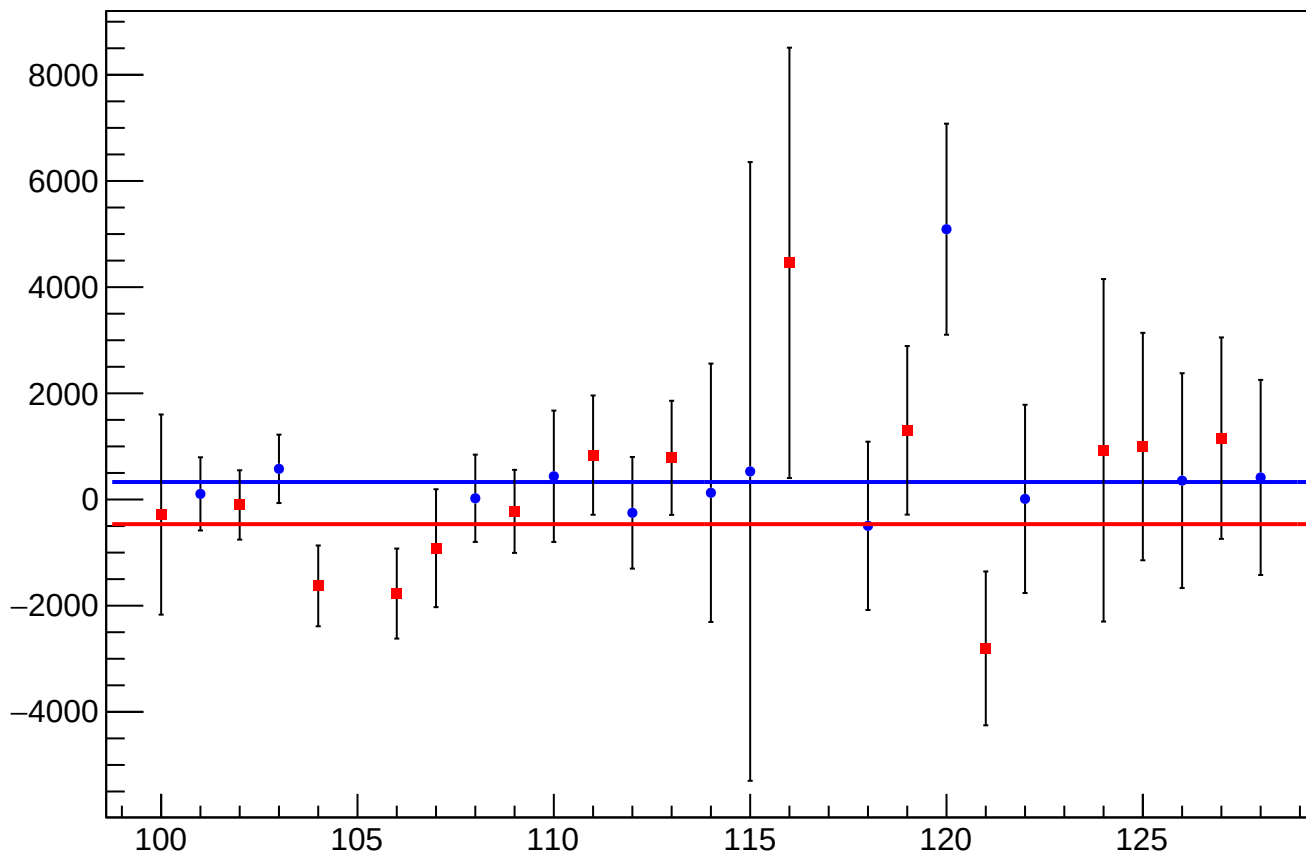
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.787+/-0.022 χ^2/NDF : 1497522.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_reg_correction_mean vs Slug



Right In: 329.375+/-328.632 χ^2/NDF : 6.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -464.262+/-296.549 χ^2/NDF : 14.7/13

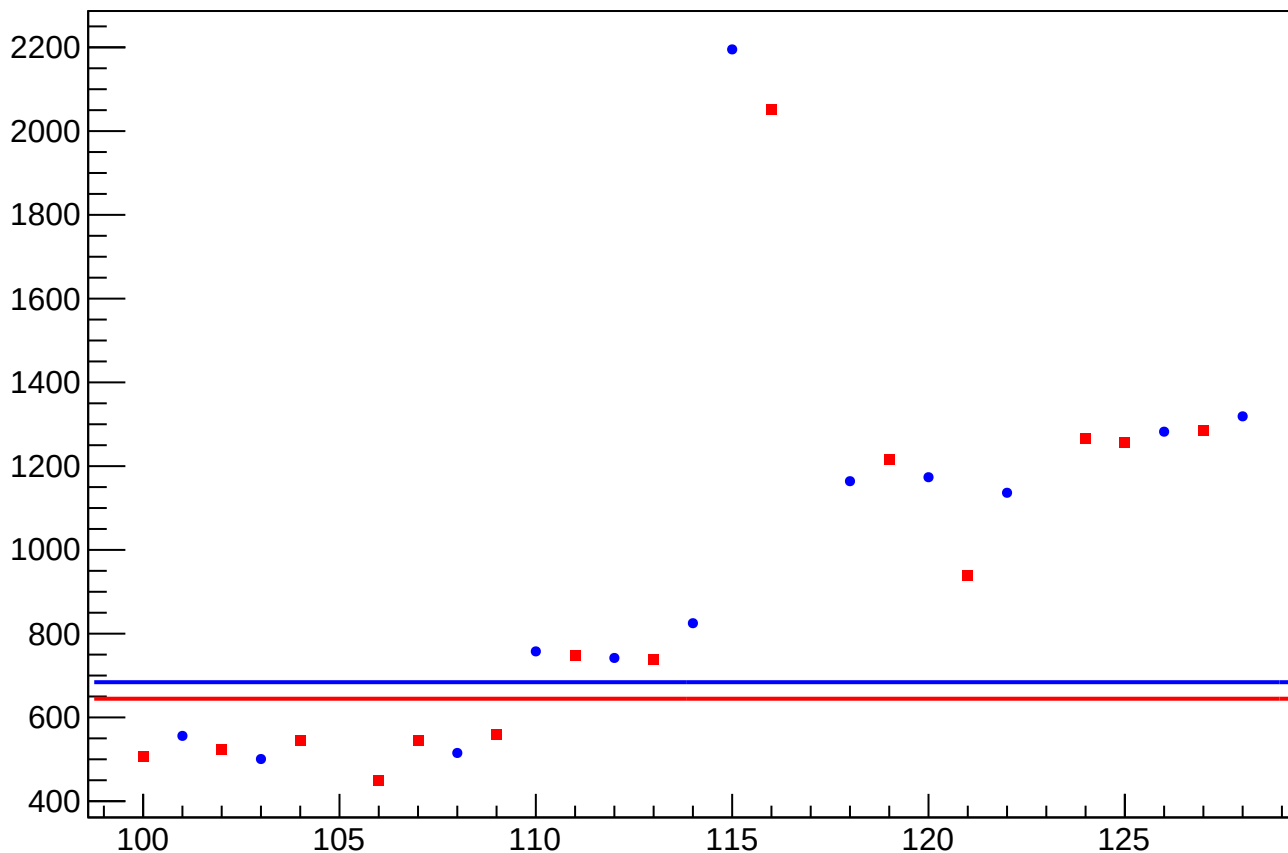
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -108.064+/-220.163 χ^2/NDF : 24.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_reg_correction_rms vs Slug



Right In: 684.107+/-0.232 χ^2/NDF : 1318260.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 644.663+/-0.210 χ^2/NDF : 1338254.8/13

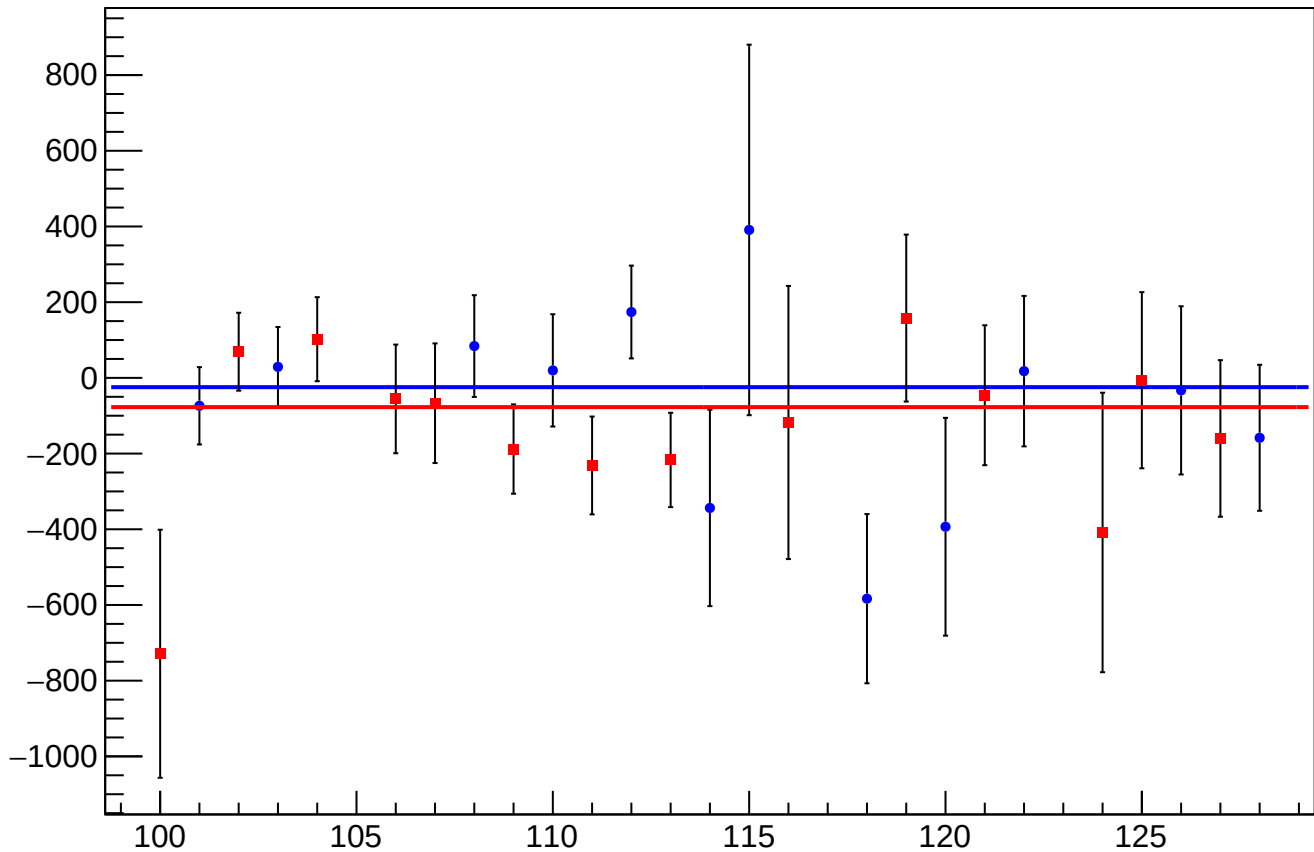
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 662.366+/-0.156 χ^2/NDF : 2672396.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam5_mean vs Slug



Right In: -24.506+/-45.790 χ^2/NDF : 14.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -77.257+/-41.659 χ^2/NDF : 14.4/13

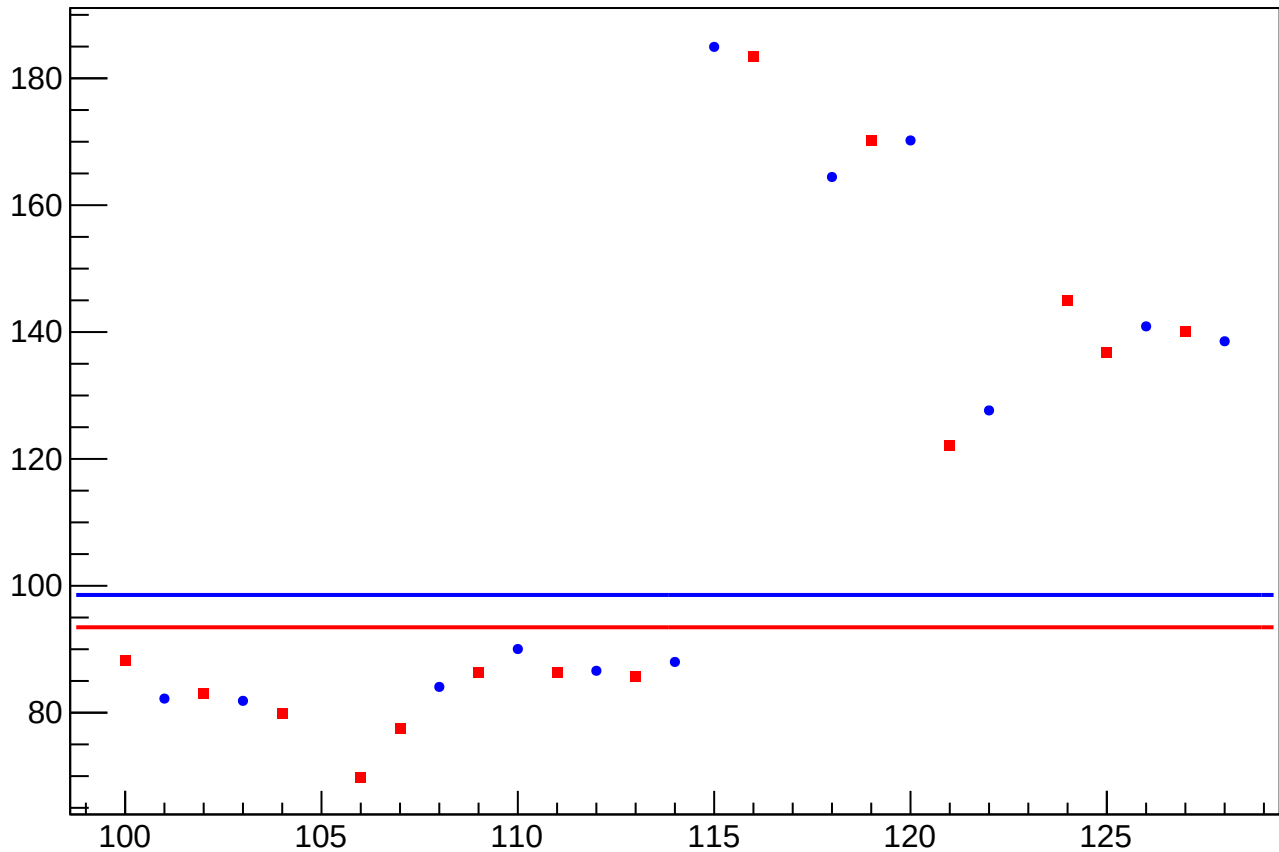
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.368+/-30.815 χ^2/NDF : 29.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam5_rms vs Slug



Right In: 98.558+/-0.032 χ^2/NDF : 715078.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.463+/-0.029 χ^2/NDF : 770832.8/13

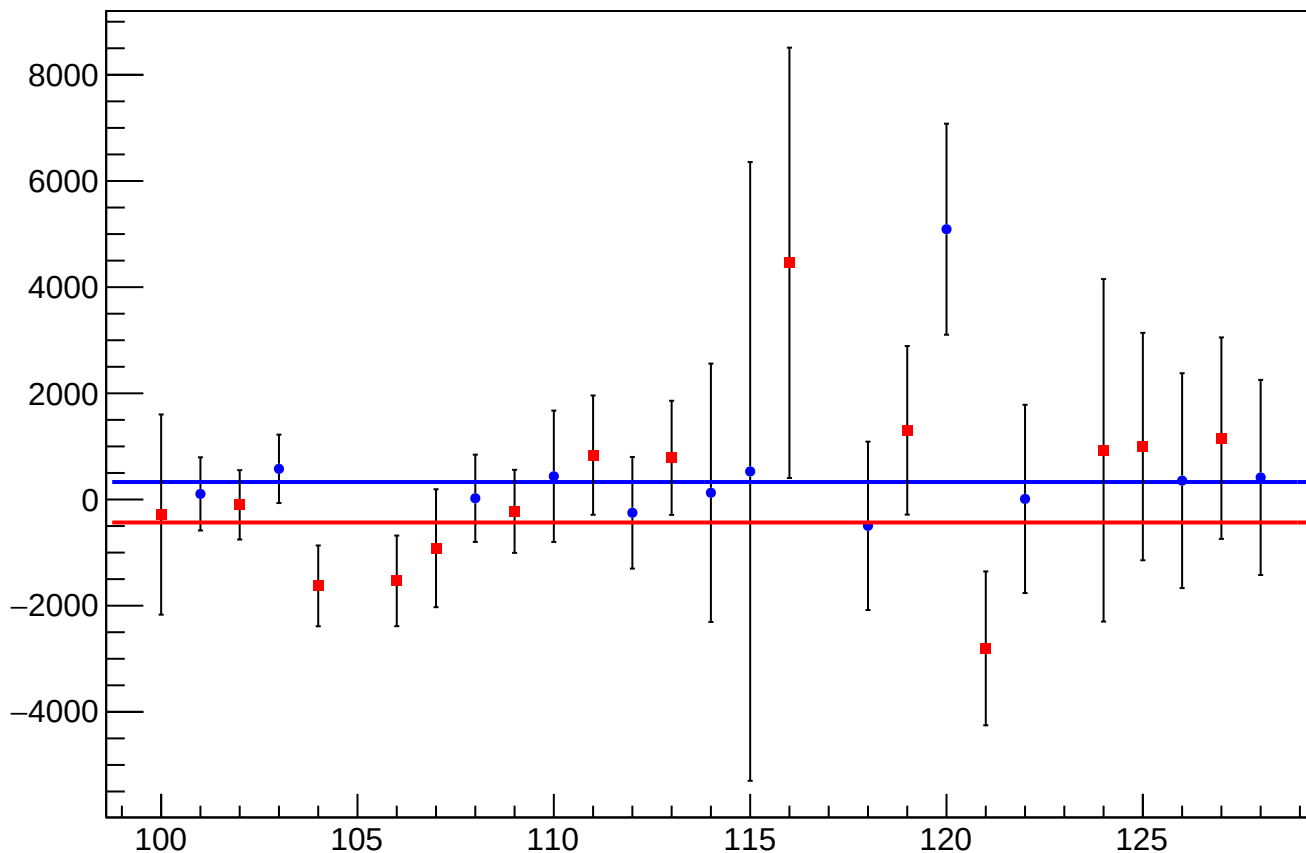
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.771+/-0.022 χ^2/NDF : 1499458.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_cor_correction_mean vs Slug



Right In: 329.375+/-328.632 χ^2/NDF : 6.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -432.917+/-296.786 χ^2/NDF : 13.9/13

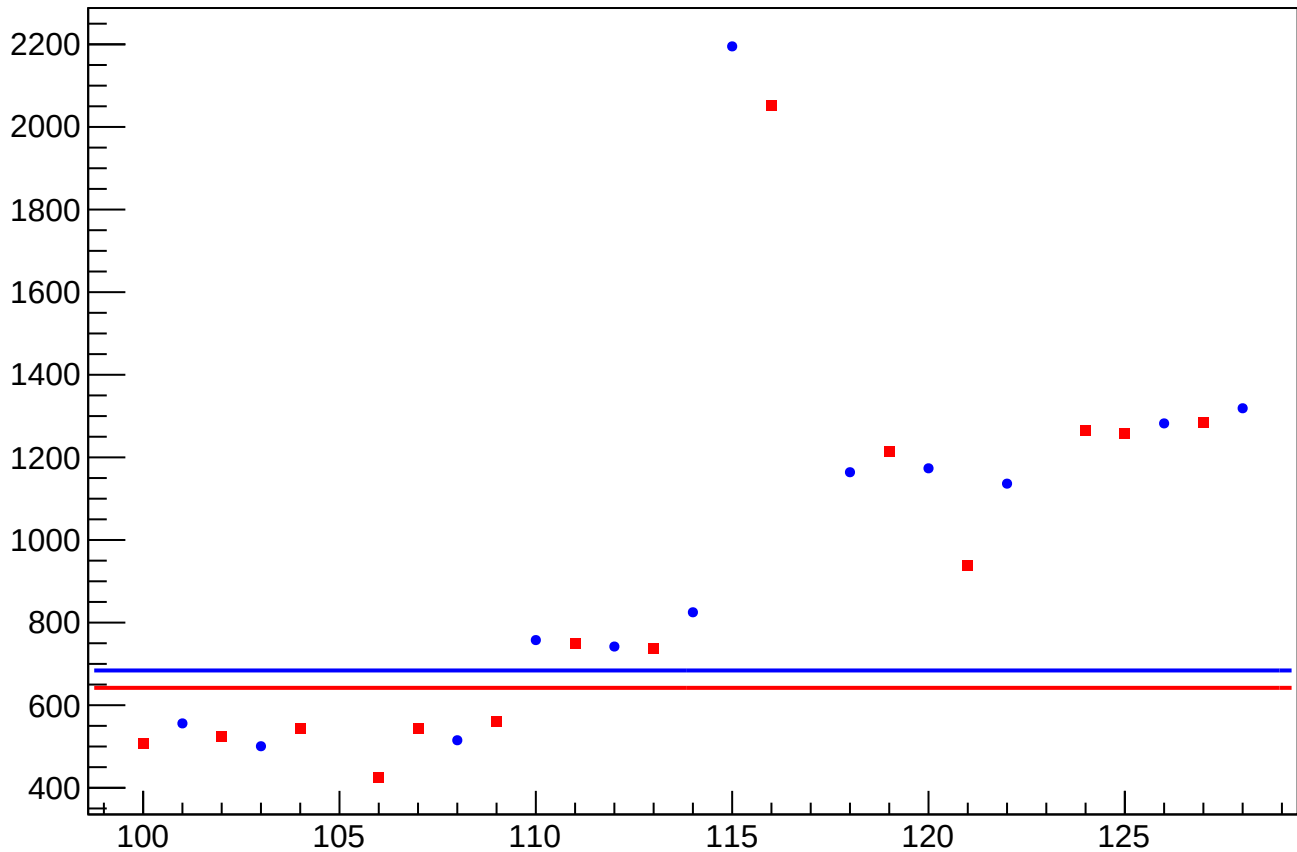
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -90.486+/-220.260 χ^2/NDF : 23.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_cor_correction_rms vs Slug



Right In: 684.106+/-0.232 χ^2/NDF : 1318260.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

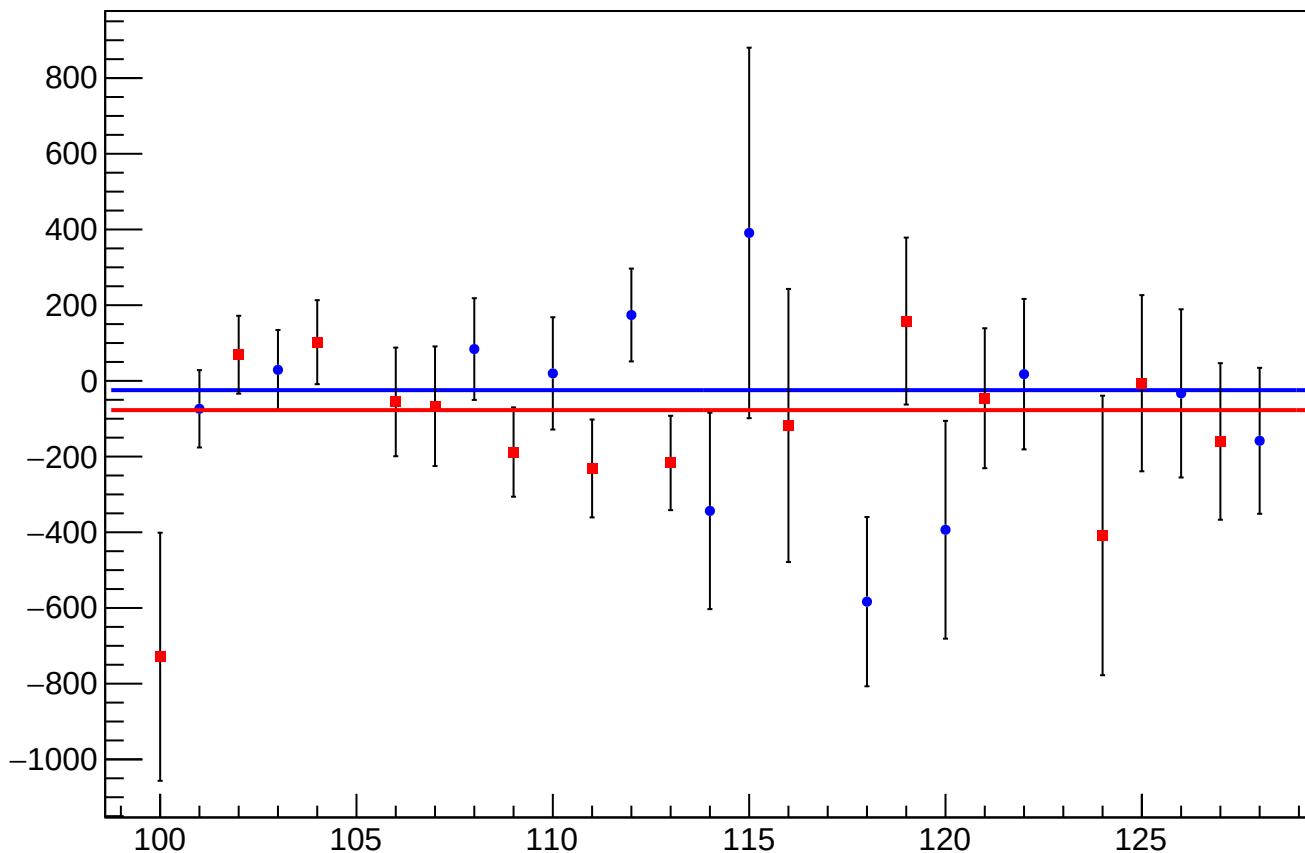
Right Out: 642.025+/-0.210 χ^2/NDF : 1364543.1/13

All: 660.928+/-0.156 χ^2/NDF : 2700866.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam5_mean vs Slug



Right In: -24.506+/-45.790 χ^2/NDF : 14.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -77.257+/-41.659 χ^2/NDF : 14.4/13

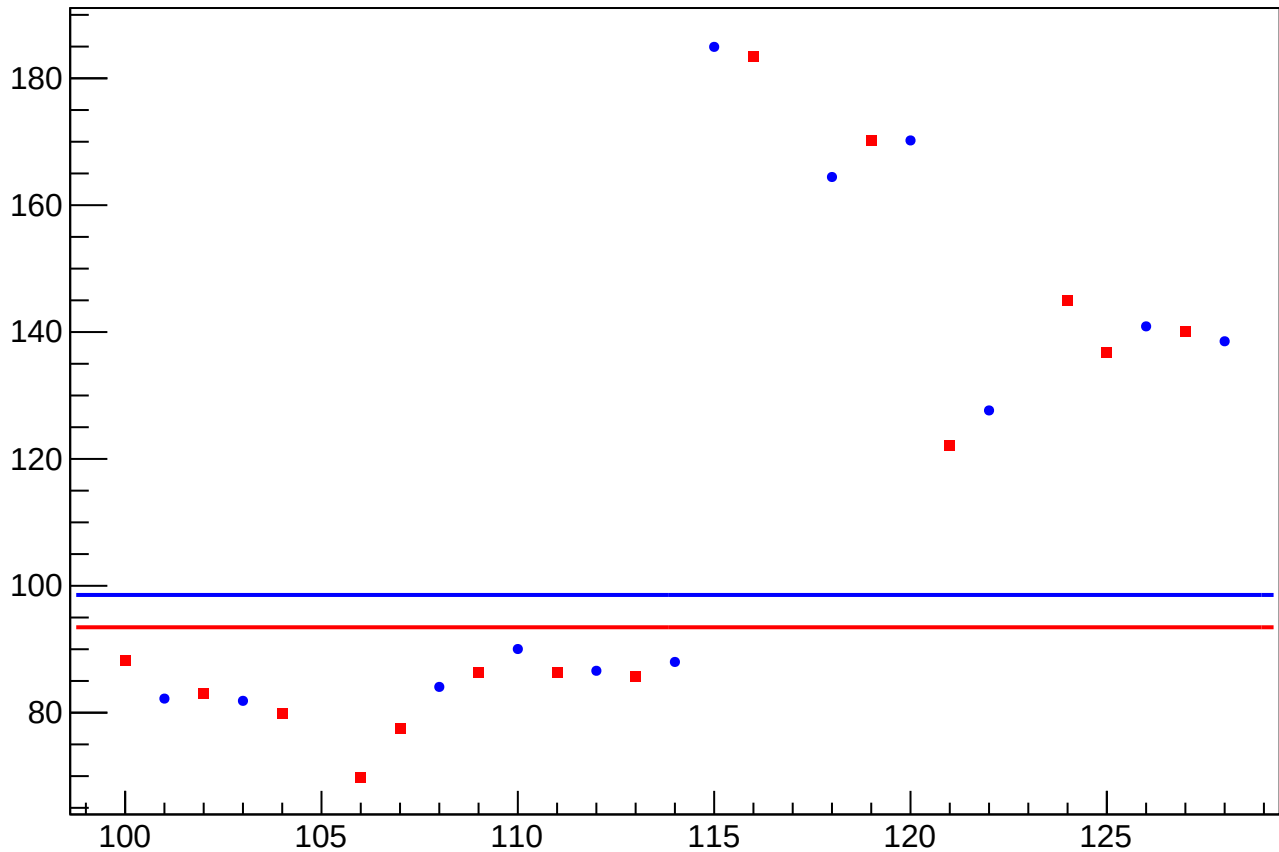
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.368+/-30.815 χ^2/NDF : 29.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam5_rms vs Slug



Right In: 98.558+/-0.032 χ^2 /NDF: 715078.6/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 93.463+/-0.029 χ^2 /NDF: 770832.8/13

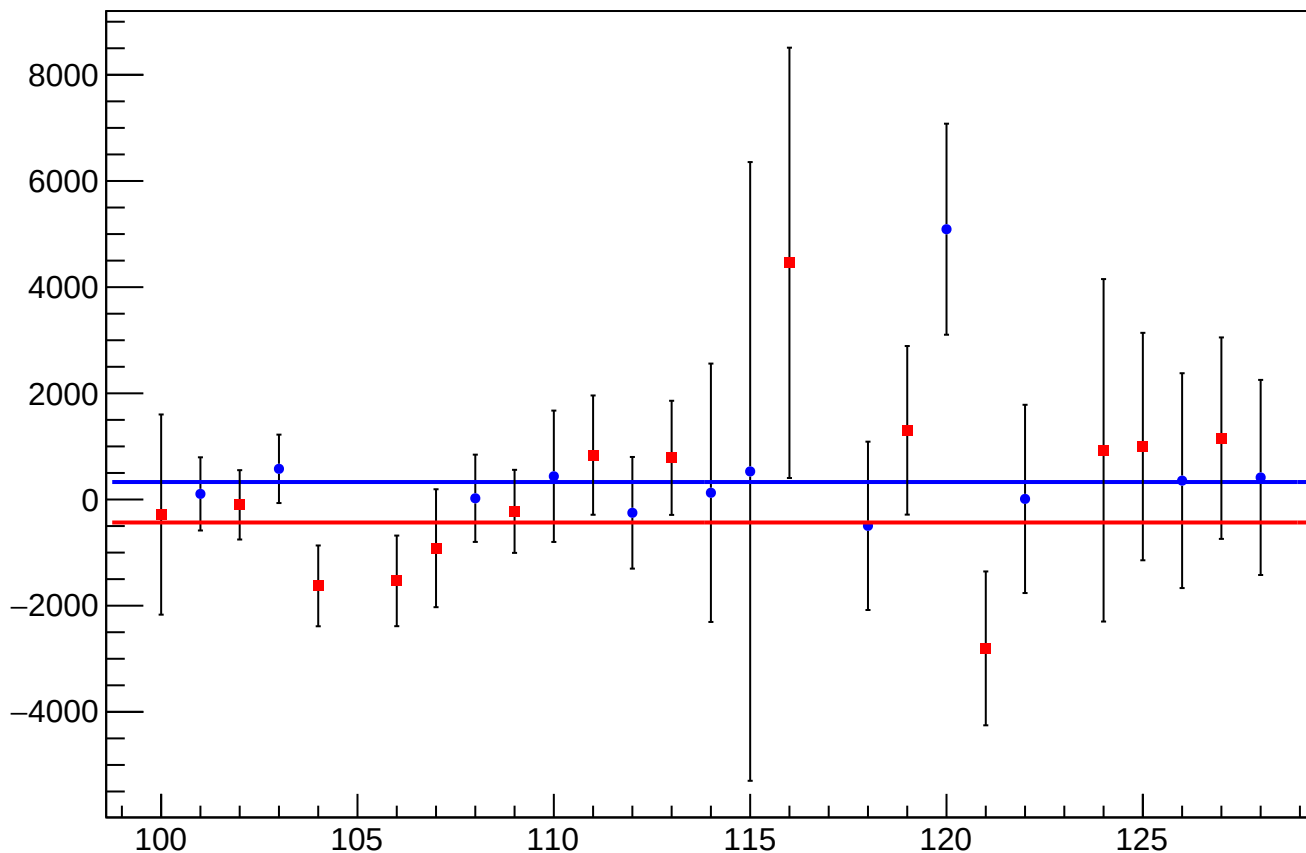
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 95.771+/-0.022 χ^2 /NDF: 1499458.7/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_cor_correction_mean vs Slug



Right In: 329.375+/-328.632 χ^2/NDF : 6.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -432.917+/-296.786 χ^2/NDF : 13.9/13

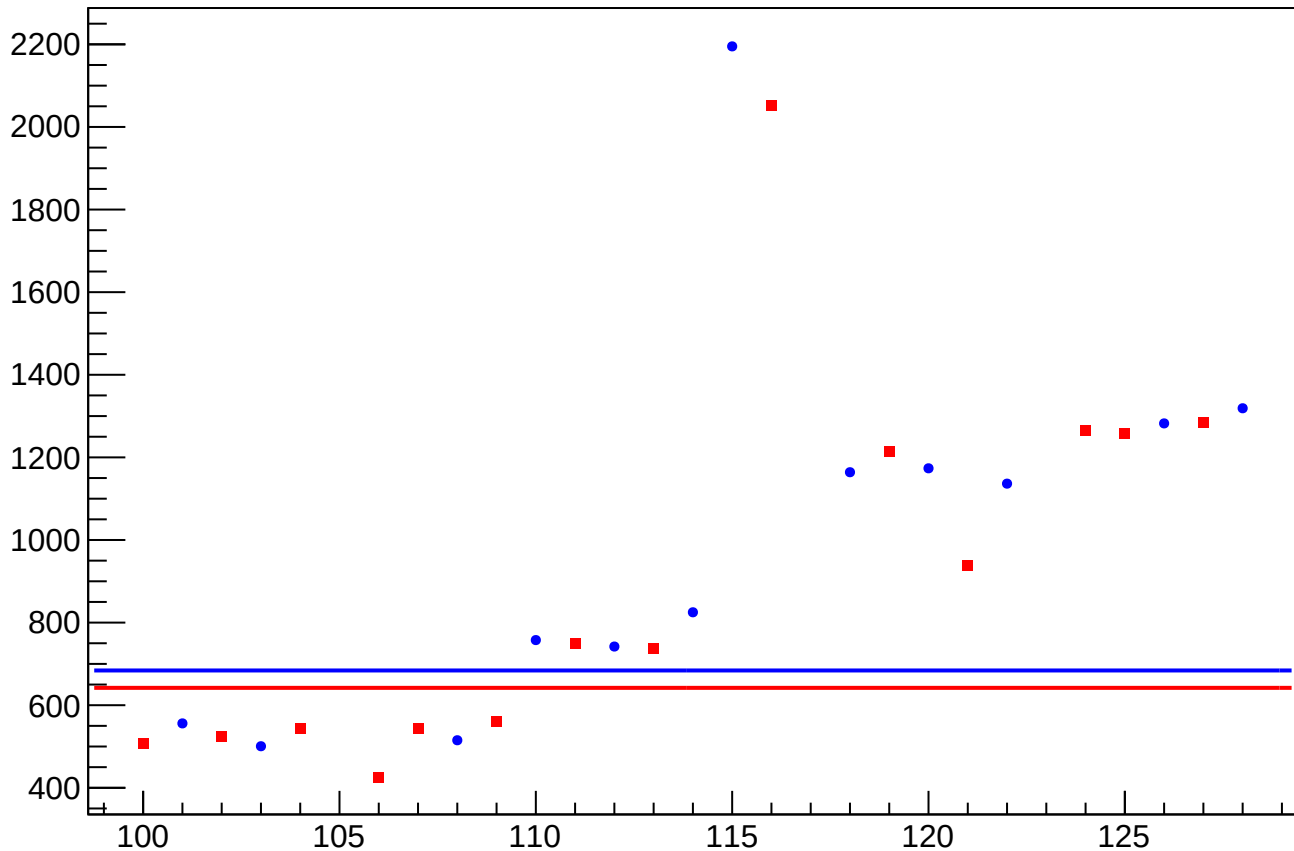
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -90.486+/-220.260 χ^2/NDF : 23.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_cor_correction_rms vs Slug



Right In: 684.106+/-0.232 χ^2/NDF : 1318260.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

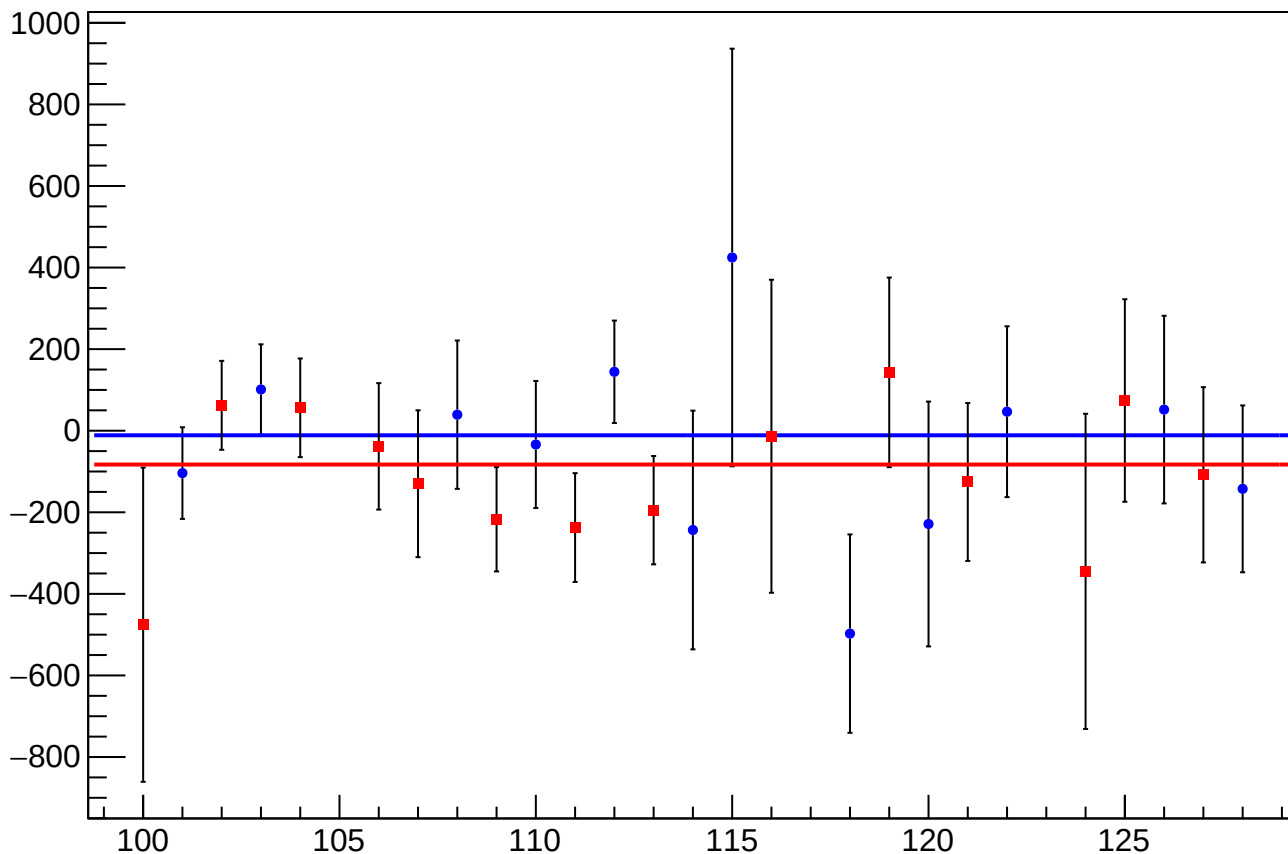
Right Out: 642.025+/-0.210 χ^2/NDF : 1364543.1/13

All: 660.928+/-0.156 χ^2/NDF : 2700866.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam5_mean vs Slug



Right In: -11.203+/-49.698 χ^2/NDF : 9.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -82.916+/-44.619 χ^2/NDF : 9.3/13

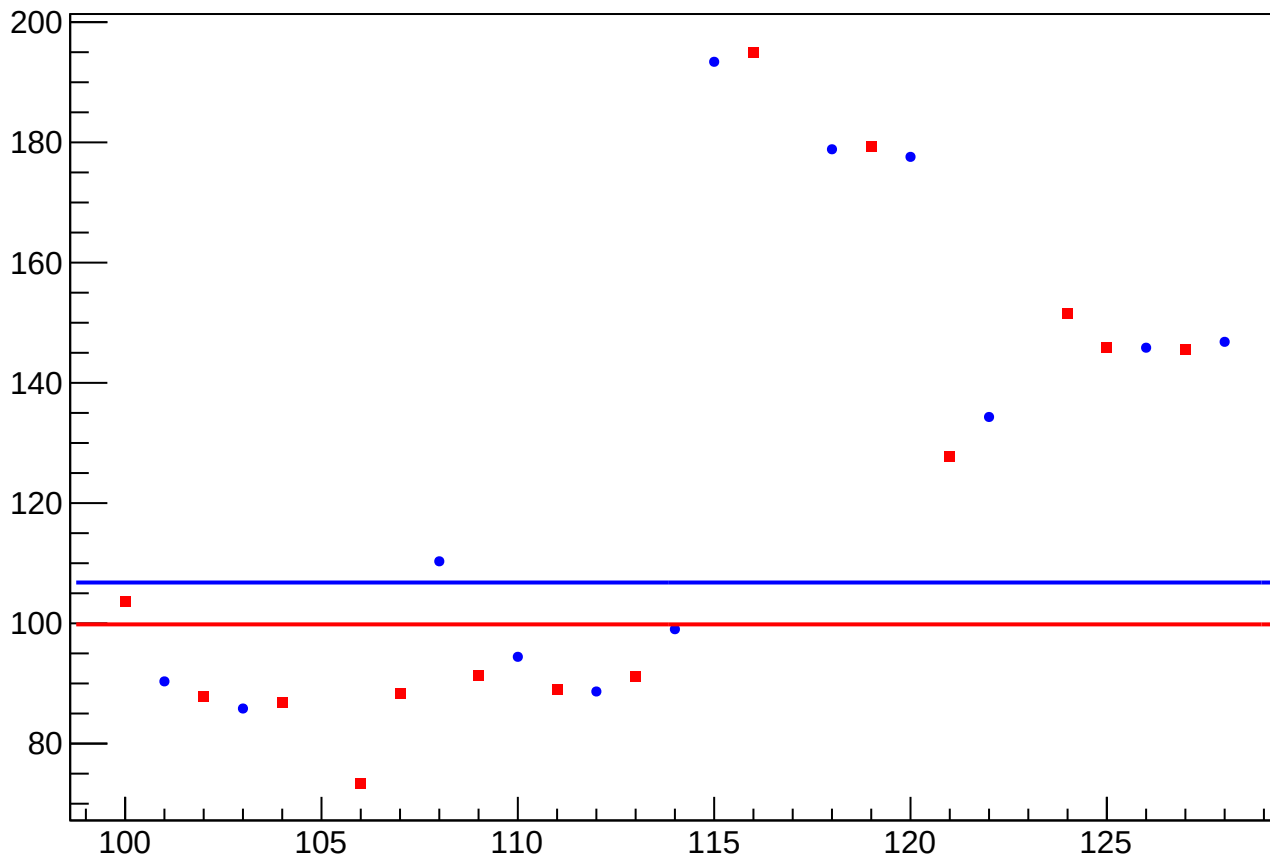
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.911+/-33.201 χ^2/NDF : 20.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam5_rms vs Slug



Right In: 106.792 $\pm$ 0.035 χ^2 /NDF: 684002.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 99.828 $\pm$ 0.032 χ^2 /NDF: 737651.8/13

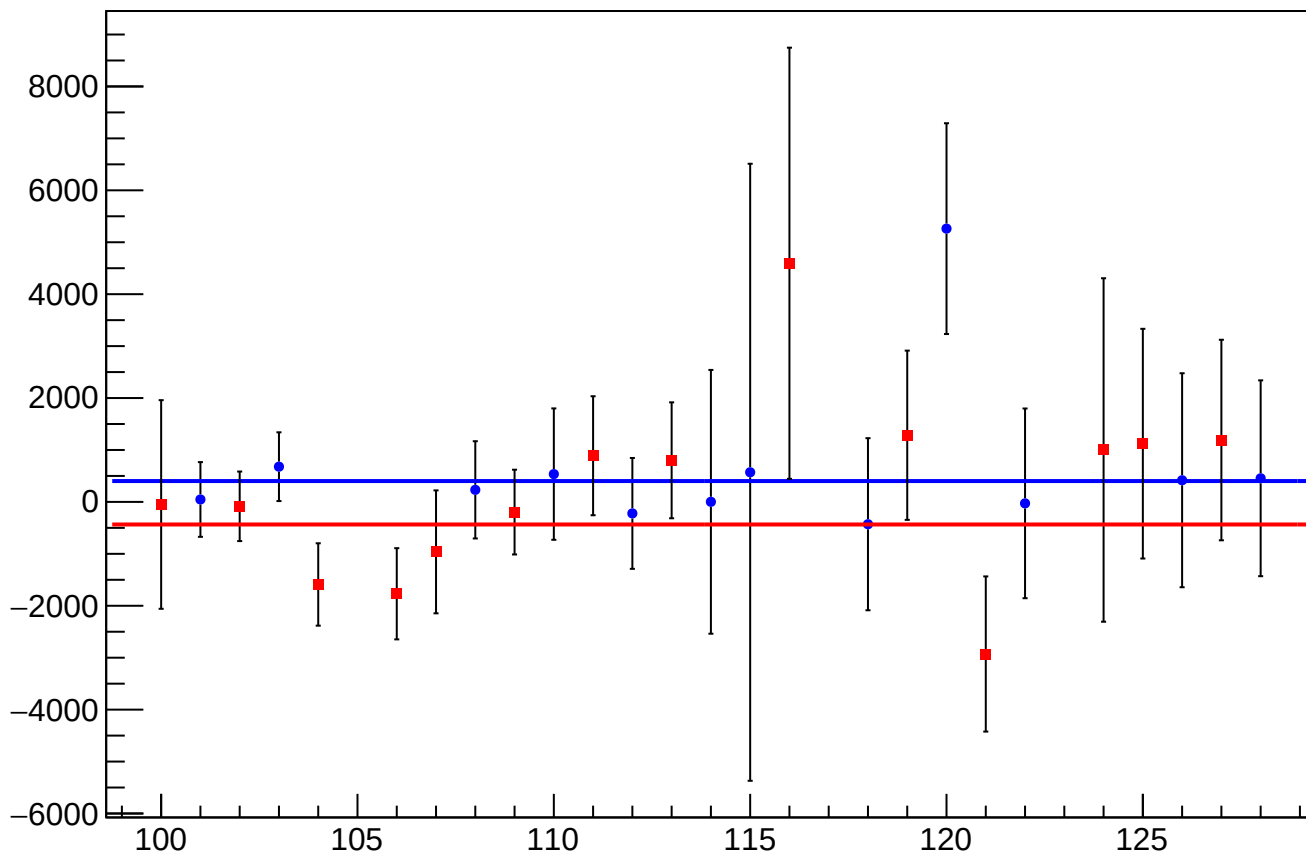
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 102.936 $\pm$ 0.023 χ^2 /NDF: 1443396.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_dit_correction_mean vs Slug



Right In: 401.622+/-343.730 χ^2/NDF : 6.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -434.819+/-307.278 χ^2/NDF : 14.3/13

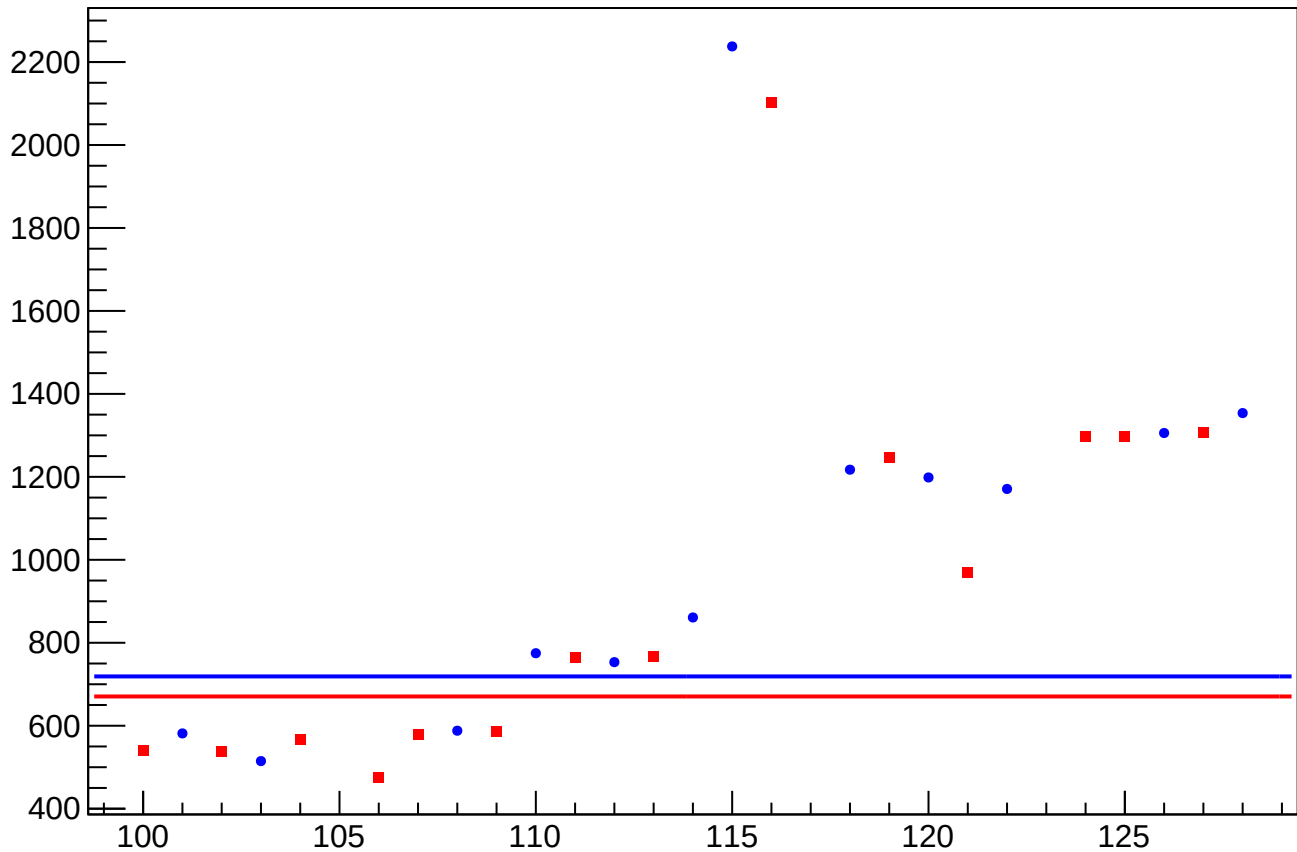
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.288+/-229.085 χ^2/NDF : 24.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_dit_correction_rms vs Slug



Right In: 718.872 $\pm$ 0.243 χ^2 /NDF: 1249107.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

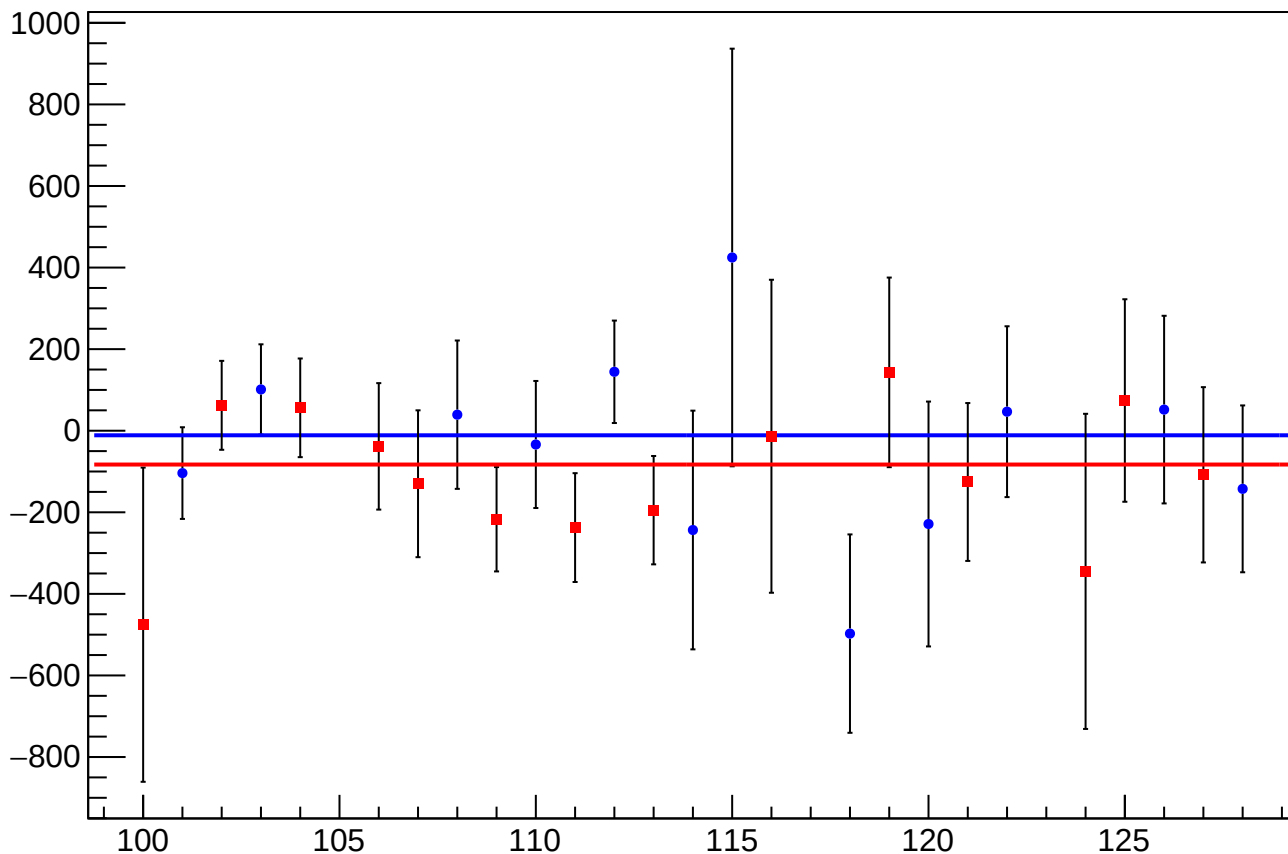
Right Out: 670.565 $\pm$ 0.217 χ^2 /NDF: 1299924.9/13

All: 692.022 $\pm$ 0.162 χ^2 /NDF: 2570987.8/25

- sign 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_sam5_mean vs Slug



Right In: -11.205+/-49.698 χ^2/NDF : 9.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -82.917+/-44.619 χ^2/NDF : 9.3/13

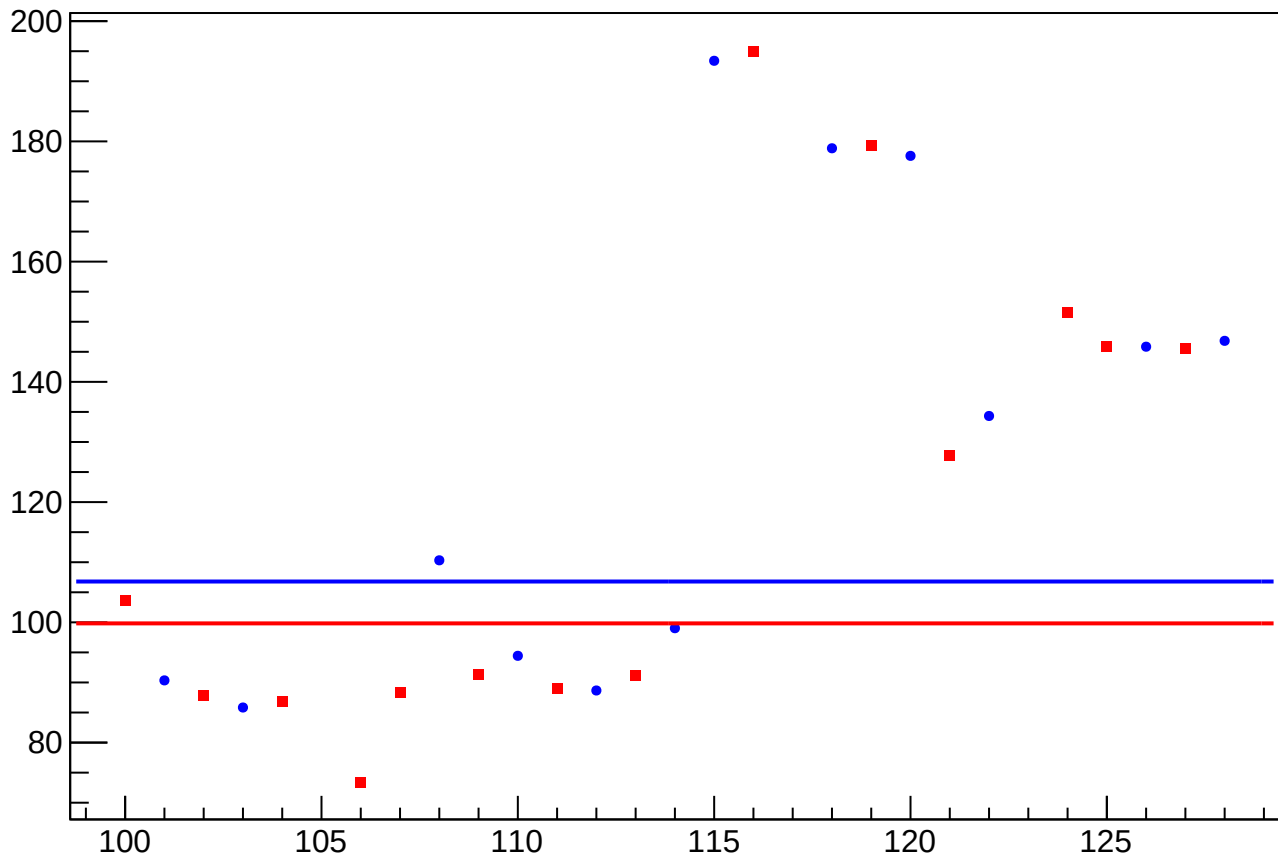
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.912+/-33.201 χ^2/NDF : 20.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam5_rms vs Slug



Right In: 106.791+/-0.035 χ^2/NDF : 684000.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.828+/-0.032 χ^2/NDF : 737647.8/13

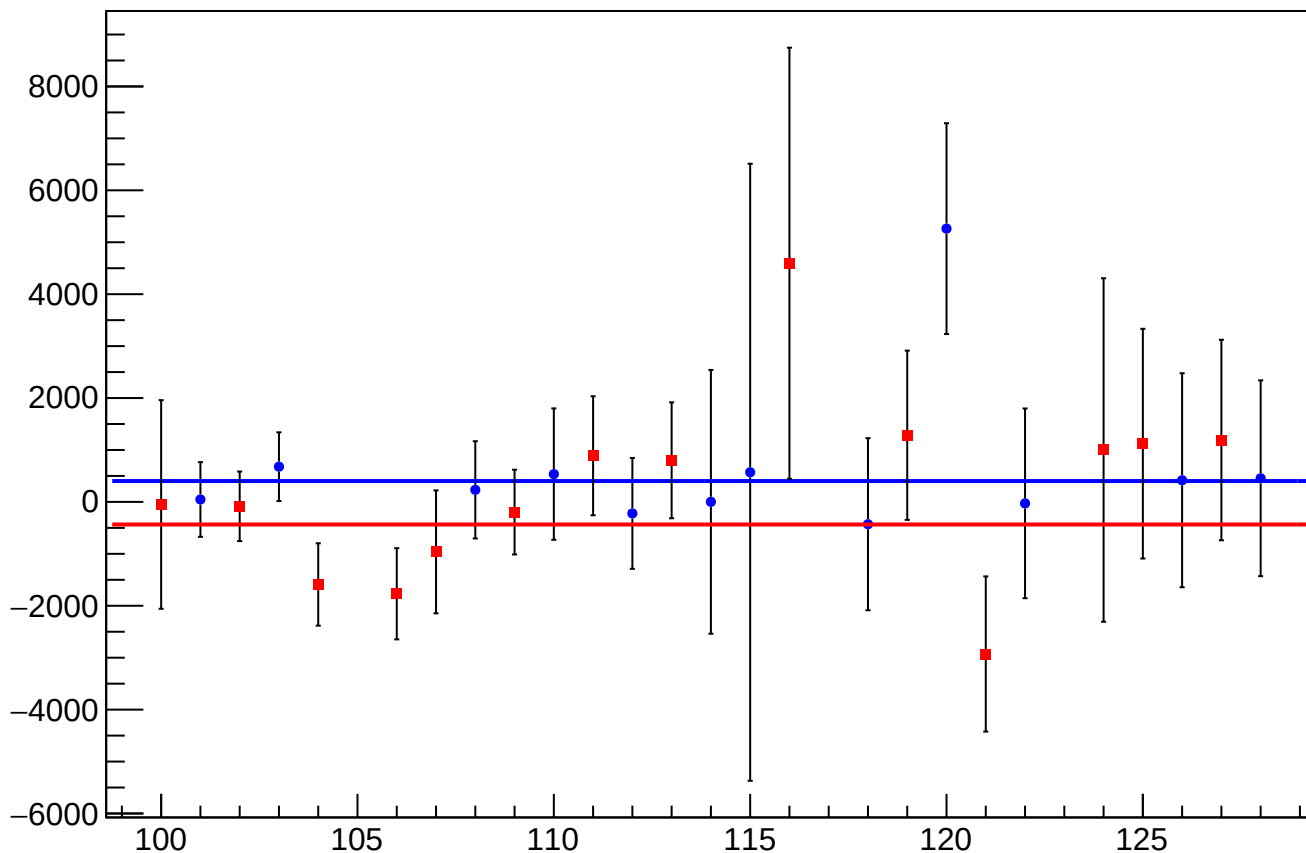
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.936+/-0.023 χ^2/NDF : 1443390.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_dit_correction_mean vs Slug



Right In: 401.621+/-343.730 χ^2/NDF : 6.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -434.819+/-307.277 χ^2/NDF : 14.3/13

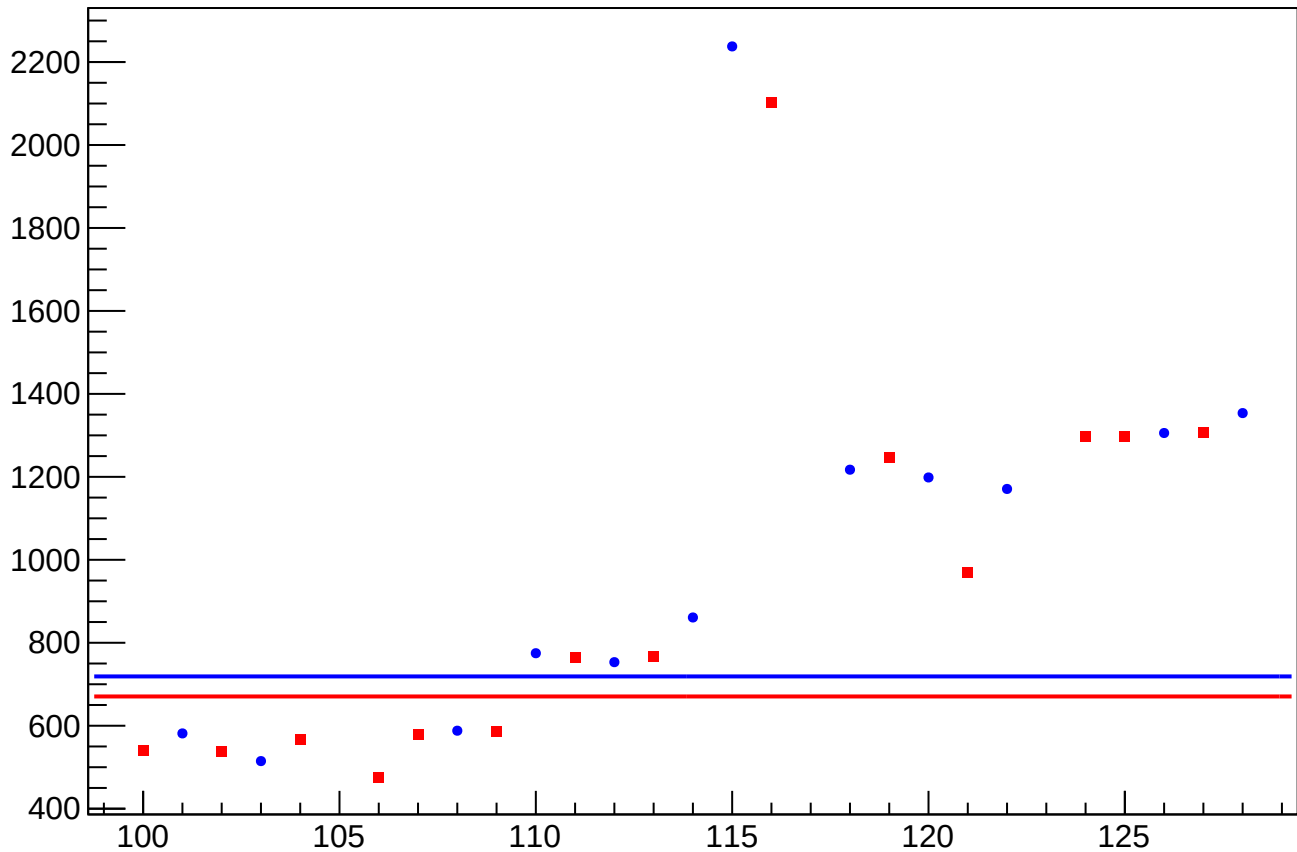
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.288+/-229.085 χ^2/NDF : 24.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_dit_correction_rms vs Slug



Right In: 718.871+/-0.243 χ^2/NDF : 1249105.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

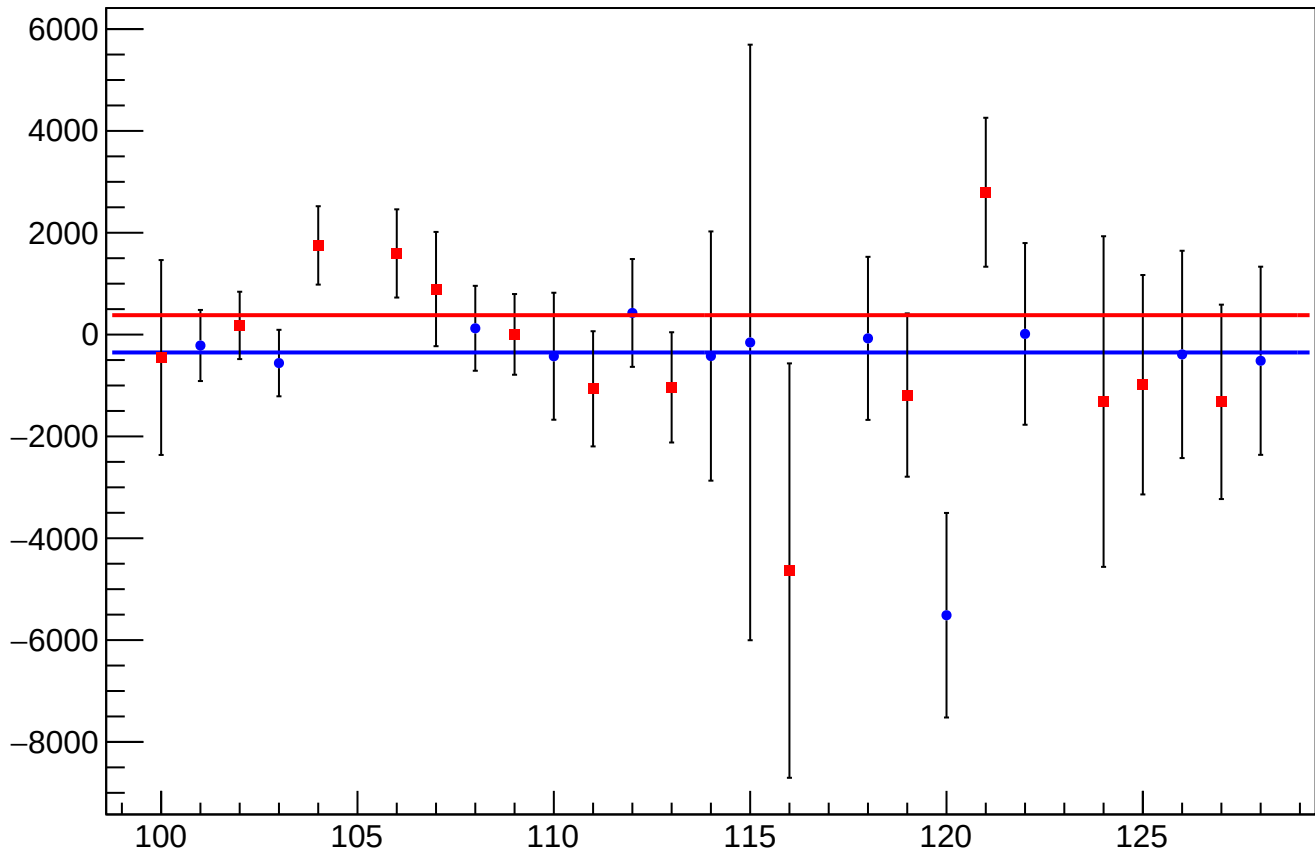
Right Out: 670.564+/-0.217 χ^2/NDF : 1299921.3/13

All: 692.021+/-0.162 χ^2/NDF : 2570982.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_mean vs Slug



Right In: -351.125+/-332.374 χ^2/NDF : 7.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 381.258+/-300.130 χ^2/NDF : 15.9/13

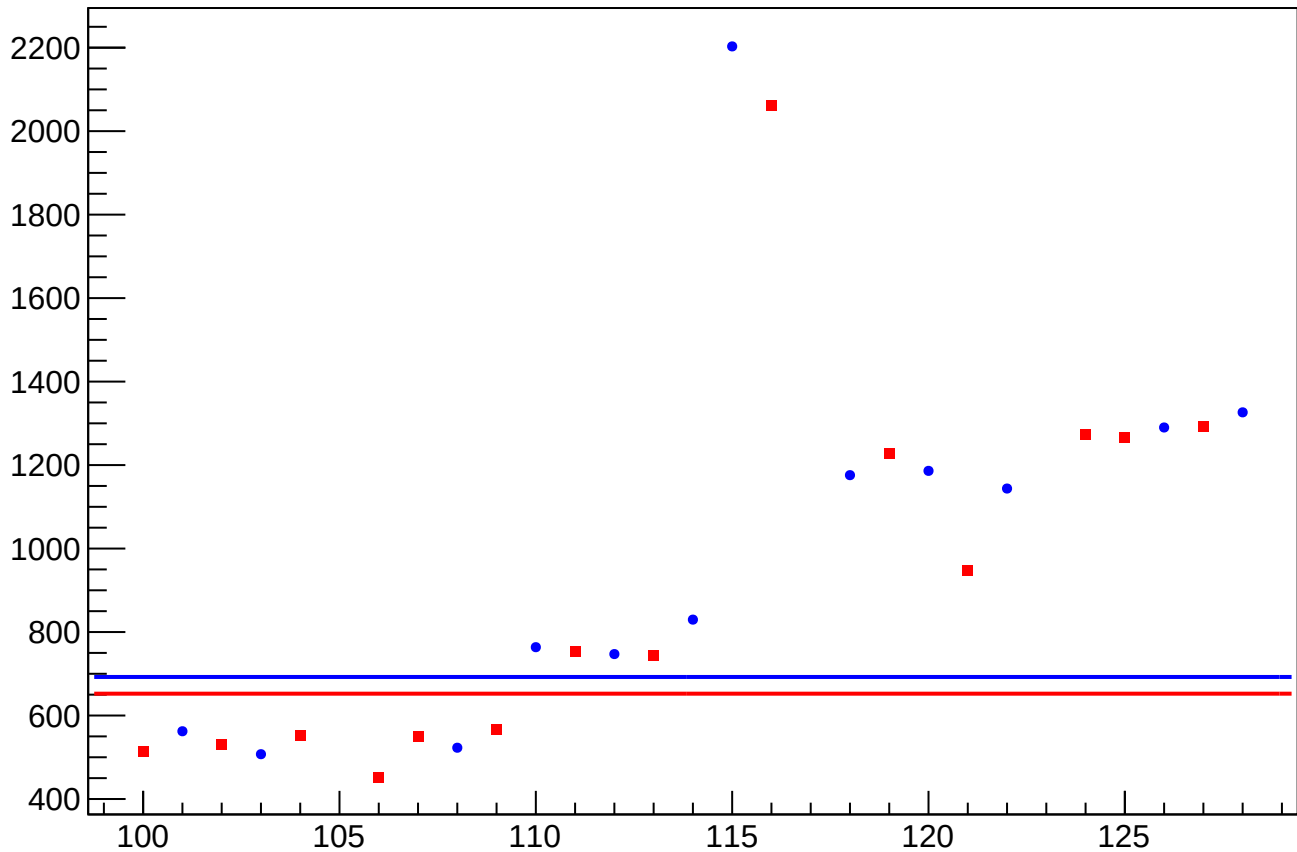
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.305+/-222.754 χ^2/NDF : 26.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_rms vs Slug



Right In: 692.378+/-0.235 χ^2/NDF : 1303270.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

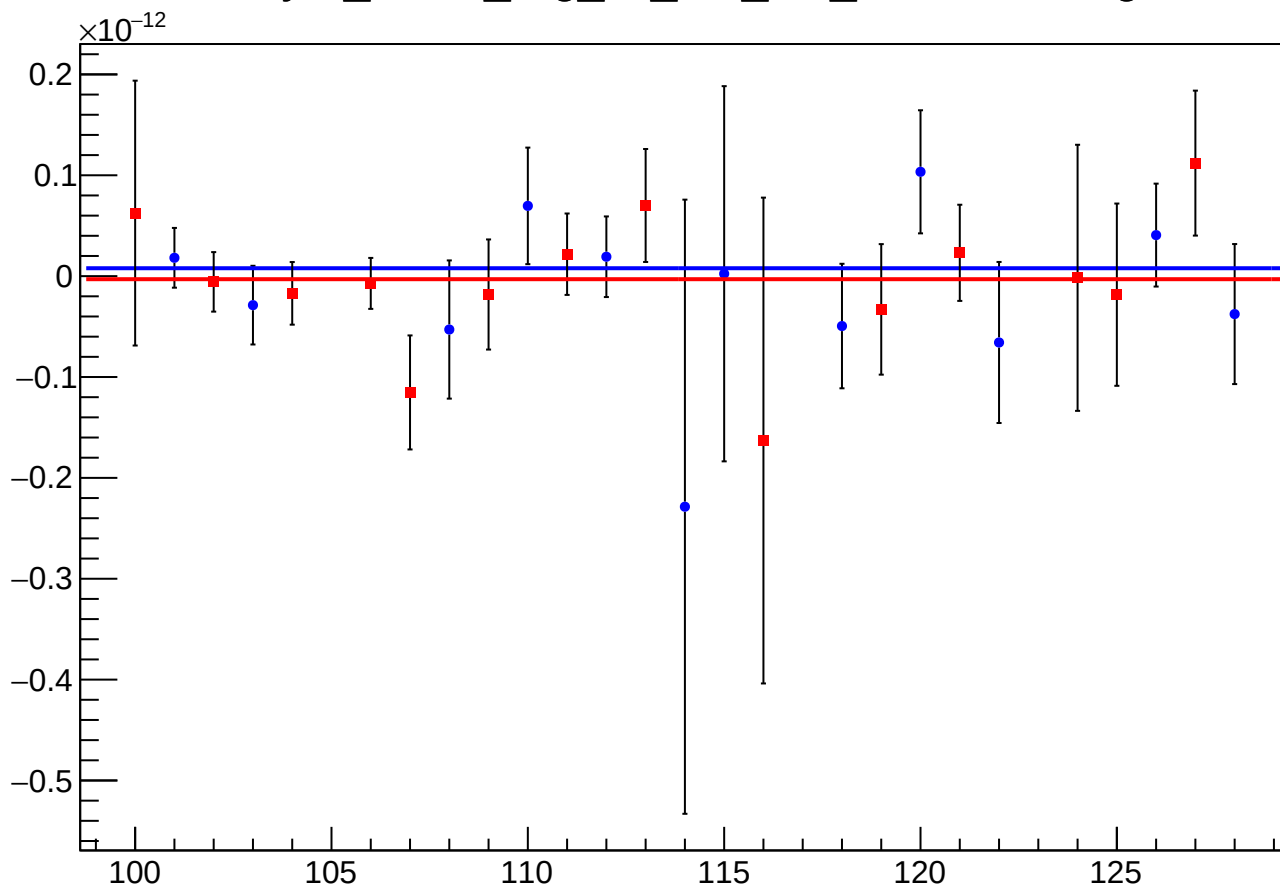
Right Out: 652.341+/-0.212 χ^2/NDF : 1327673.5/13

All: 670.324+/-0.158 χ^2/NDF : 2646929.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 8.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 10.1/13

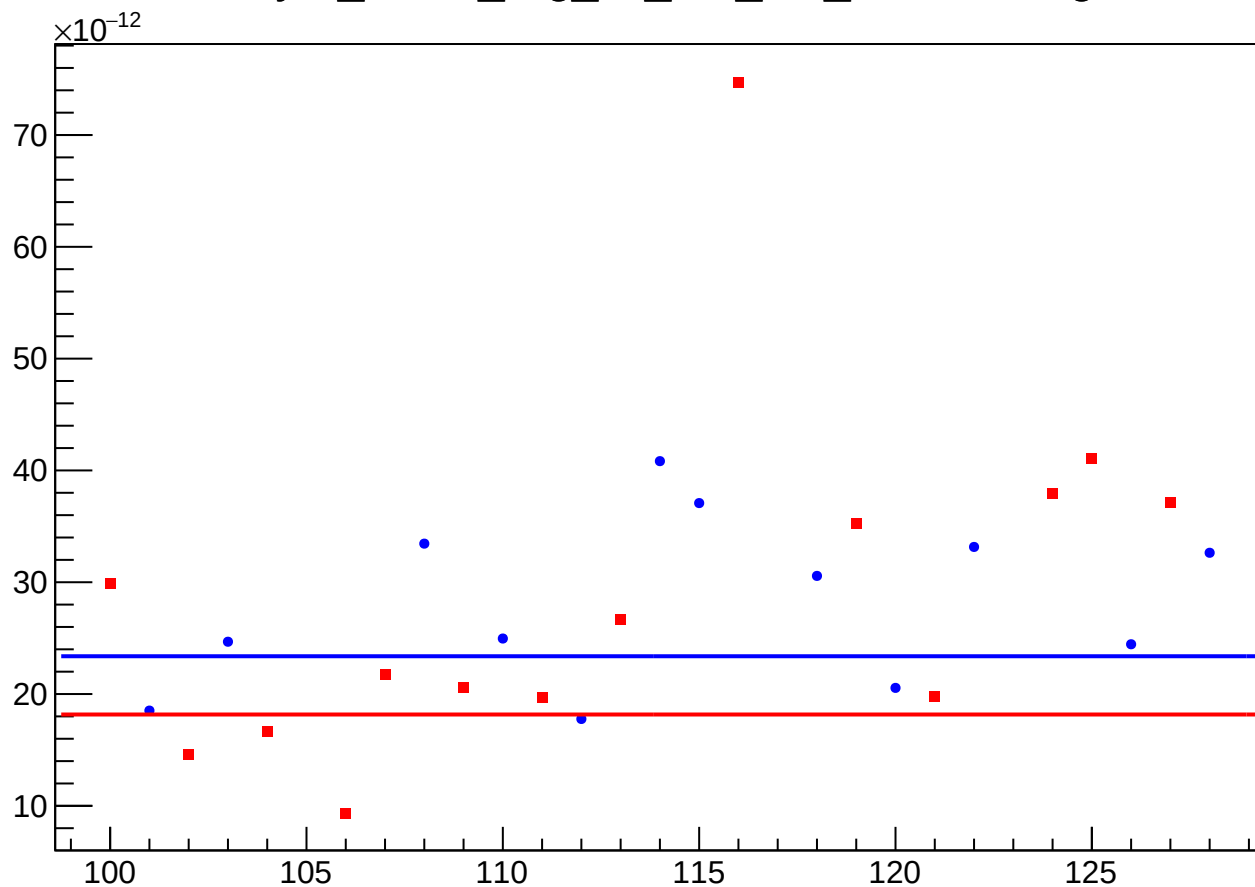
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 19.1/25

- 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 : 255485.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 922594.9/13

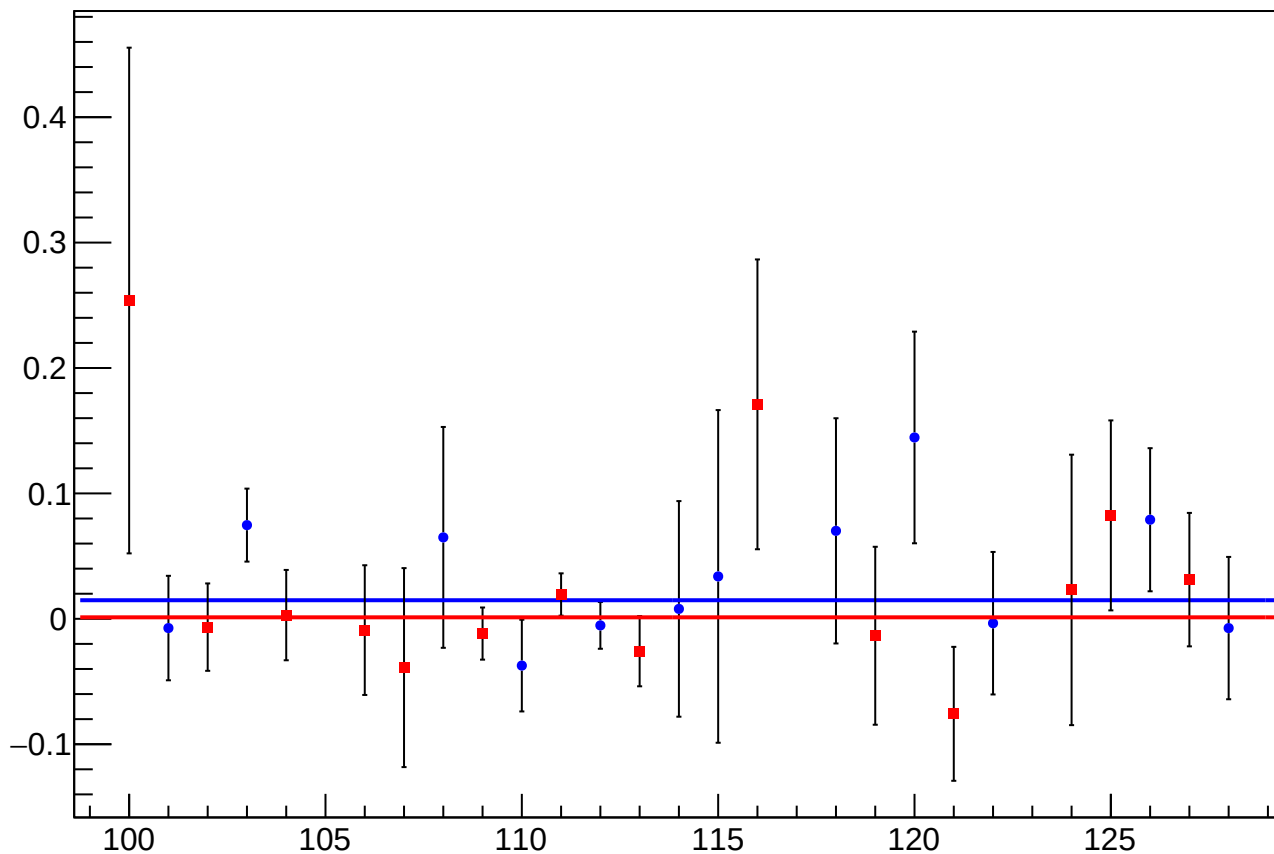
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1317408.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_dit_vs_cor_diff_mean vs Slug



Right In: 0.015 $\pm$ 0.012 χ^2 /NDF: 12.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.010 χ^2 /NDF: 10.2/13

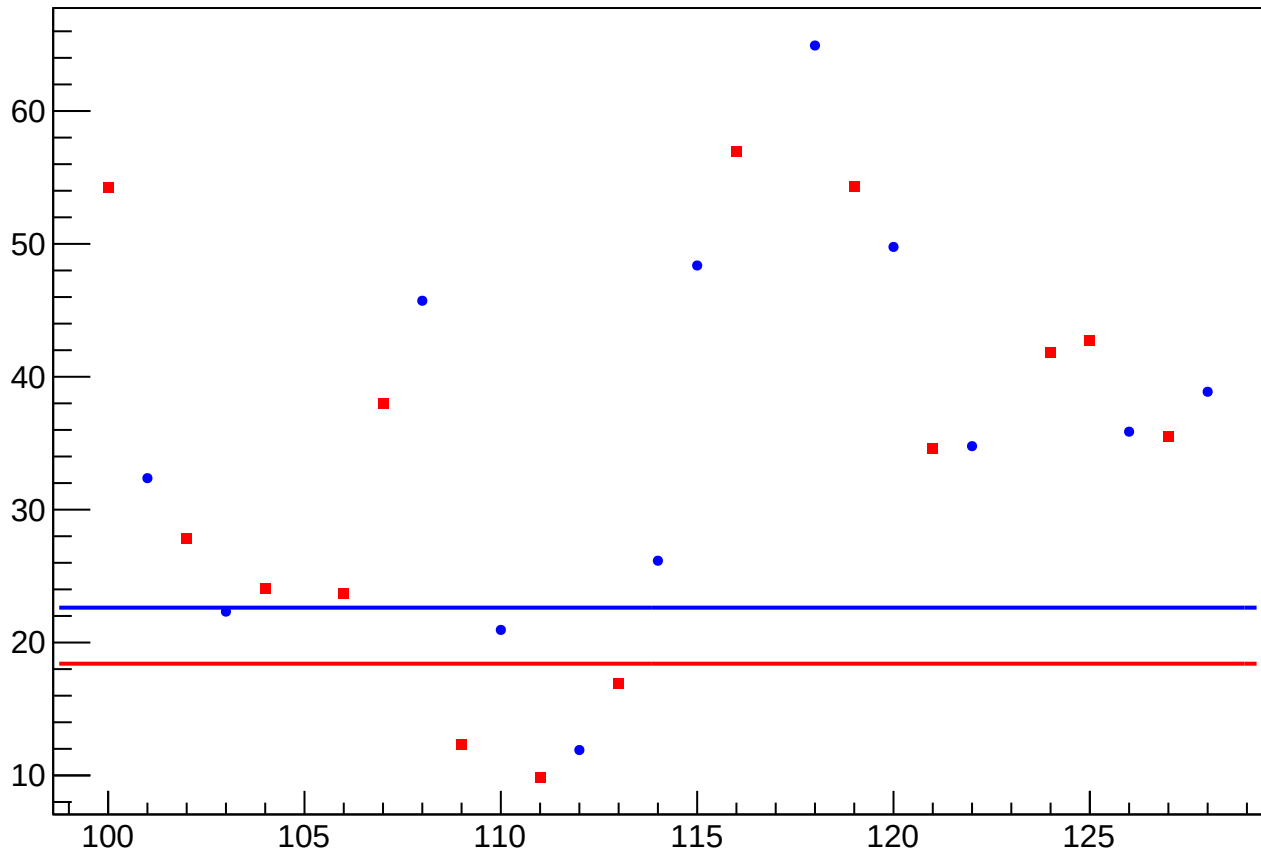
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.008 χ^2 /NDF: 23.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_dit_vs_cor_diff_rms vs Slug



Right In: 22.626 $\pm$ 0.009 χ^2 /NDF: 2005603.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 18.409 $\pm$ 0.007 χ^2 /NDF: 2520462.9/13

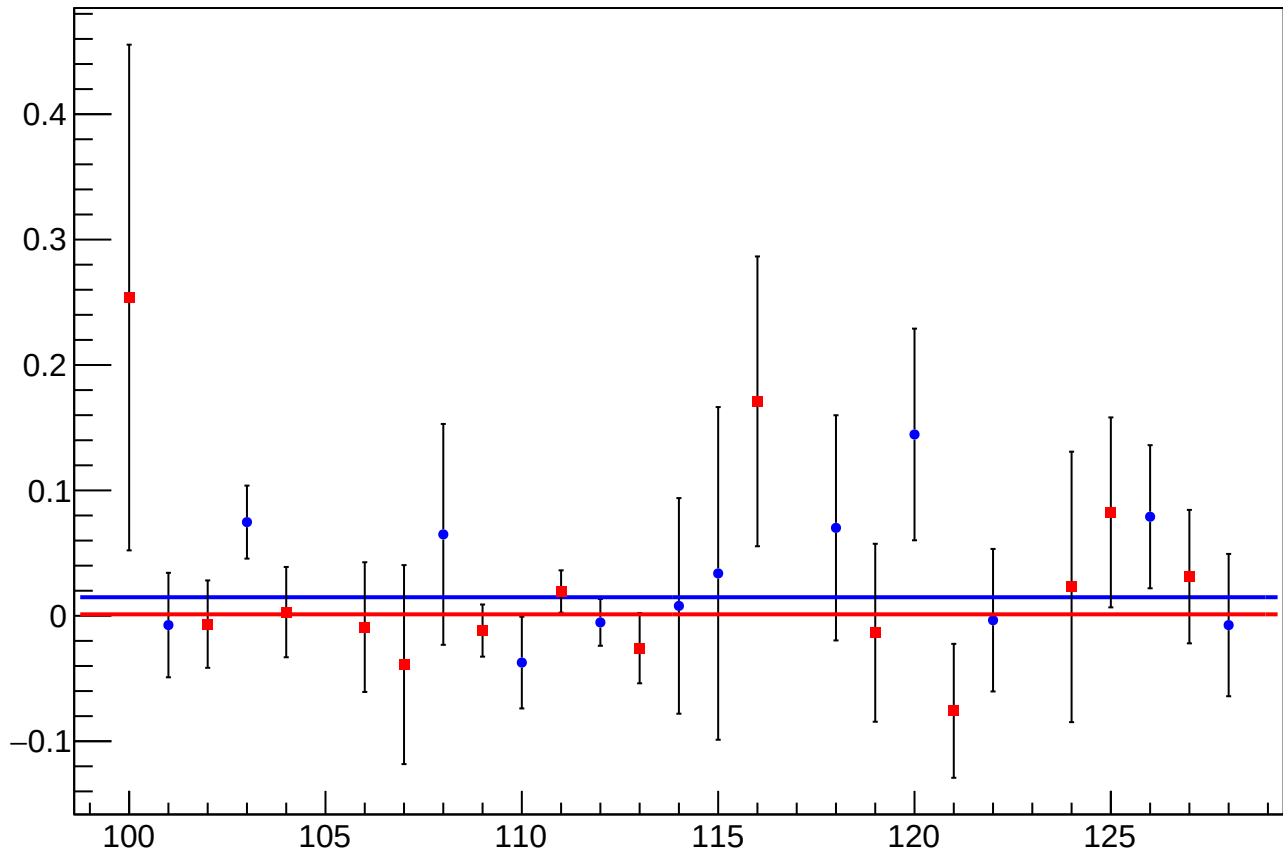
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.081 $\pm$ 0.005 χ^2 /NDF: 4674116.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.015 $\pm$ 0.012 χ^2 /NDF: 12.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.010 χ^2 /NDF: 10.2/13

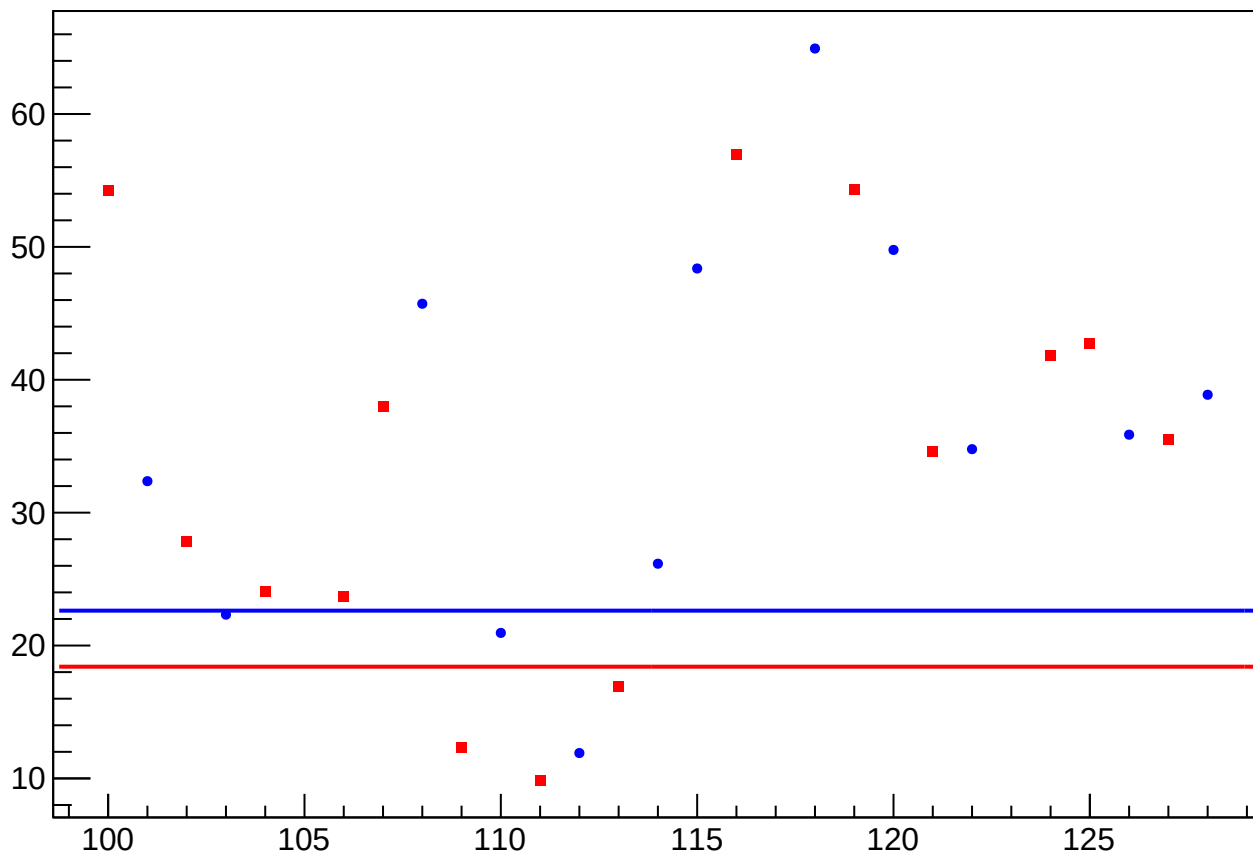
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.008 χ^2 /NDF: 23.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 22.626 $\pm$ 0.009 χ^2 /NDF: 2005603.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.409 $\pm$ 0.007 χ^2 /NDF: 2520462.9/13

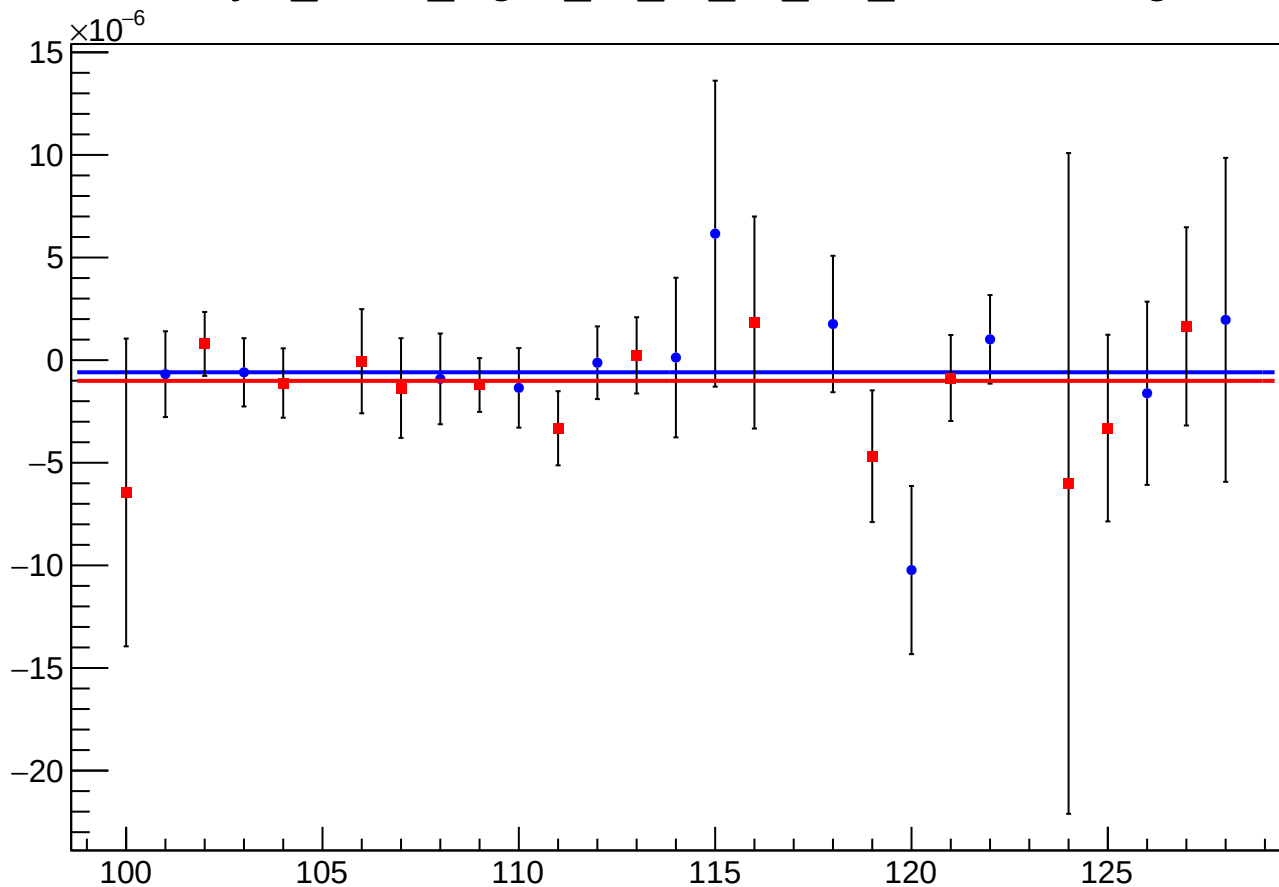
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.081 $\pm$ 0.005 χ^2 /NDF: 4674116.3/25

- sign 0.000 $\pm$ 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: 7.8/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 6.4/13

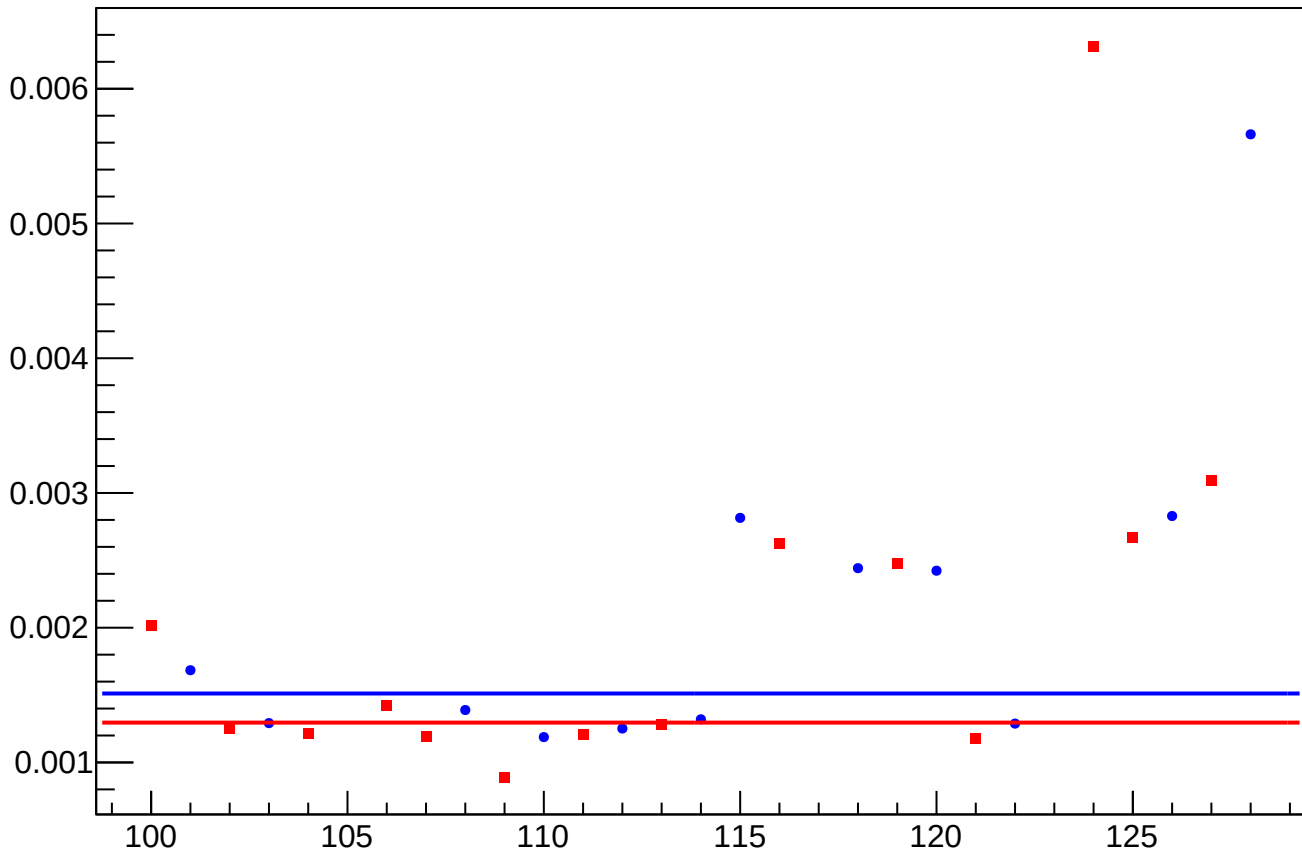
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 14.5/25

- 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 : 1223824.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1297025.3/13

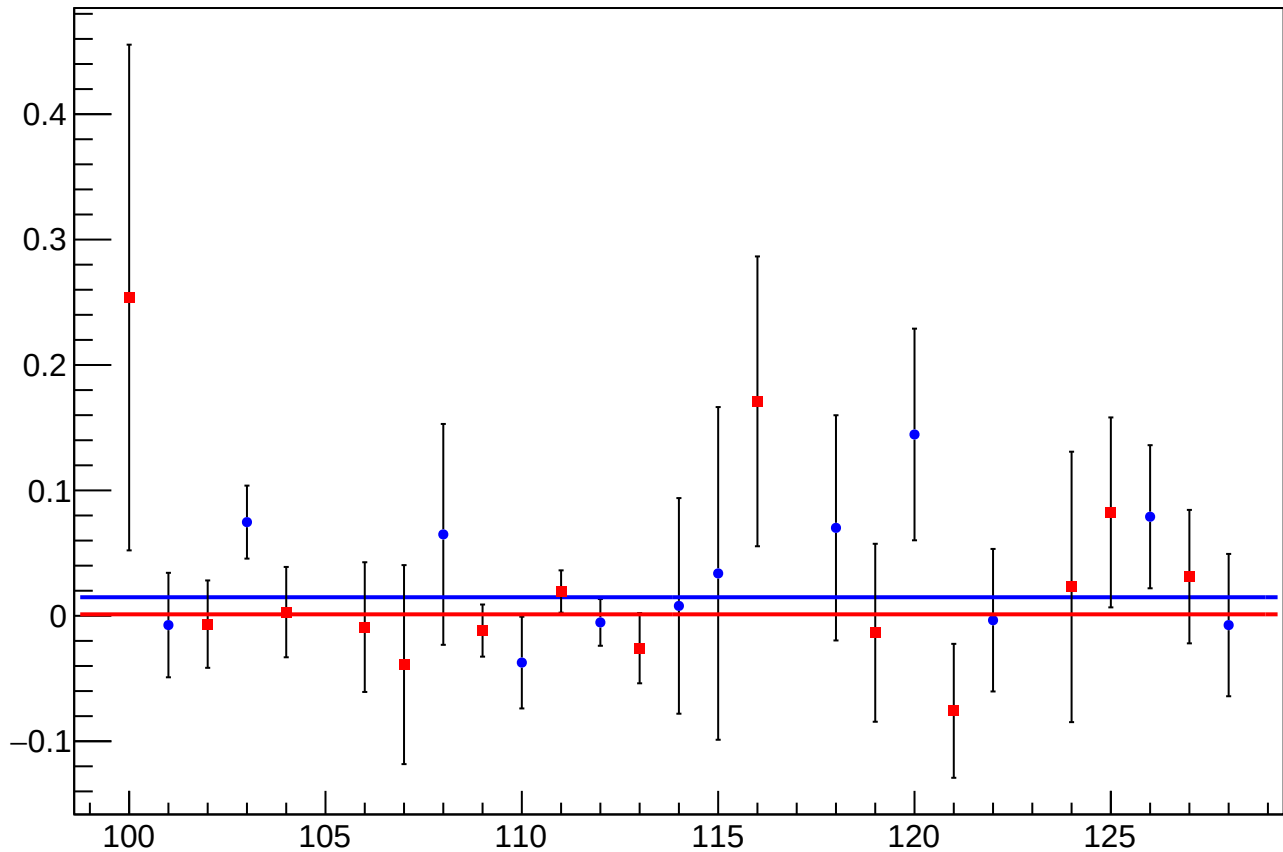
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2625427.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.015 $\pm$ 0.012 χ^2 /NDF: 12.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.010 χ^2 /NDF: 10.2/13

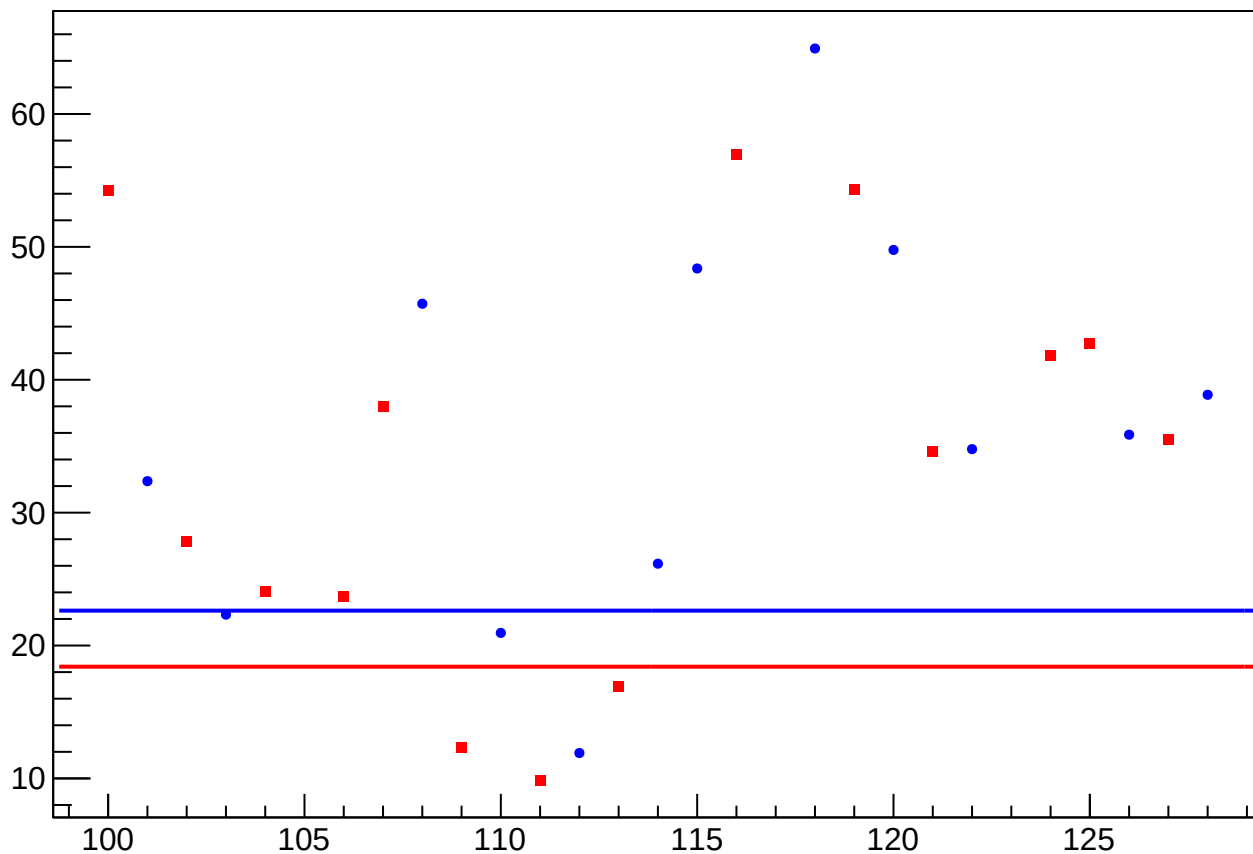
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.008 χ^2 /NDF: 23.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 22.626 $\pm$ 0.009 χ^2 /NDF: 2005564.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 18.408 $\pm$ 0.007 χ^2 /NDF: 2520473.4/13

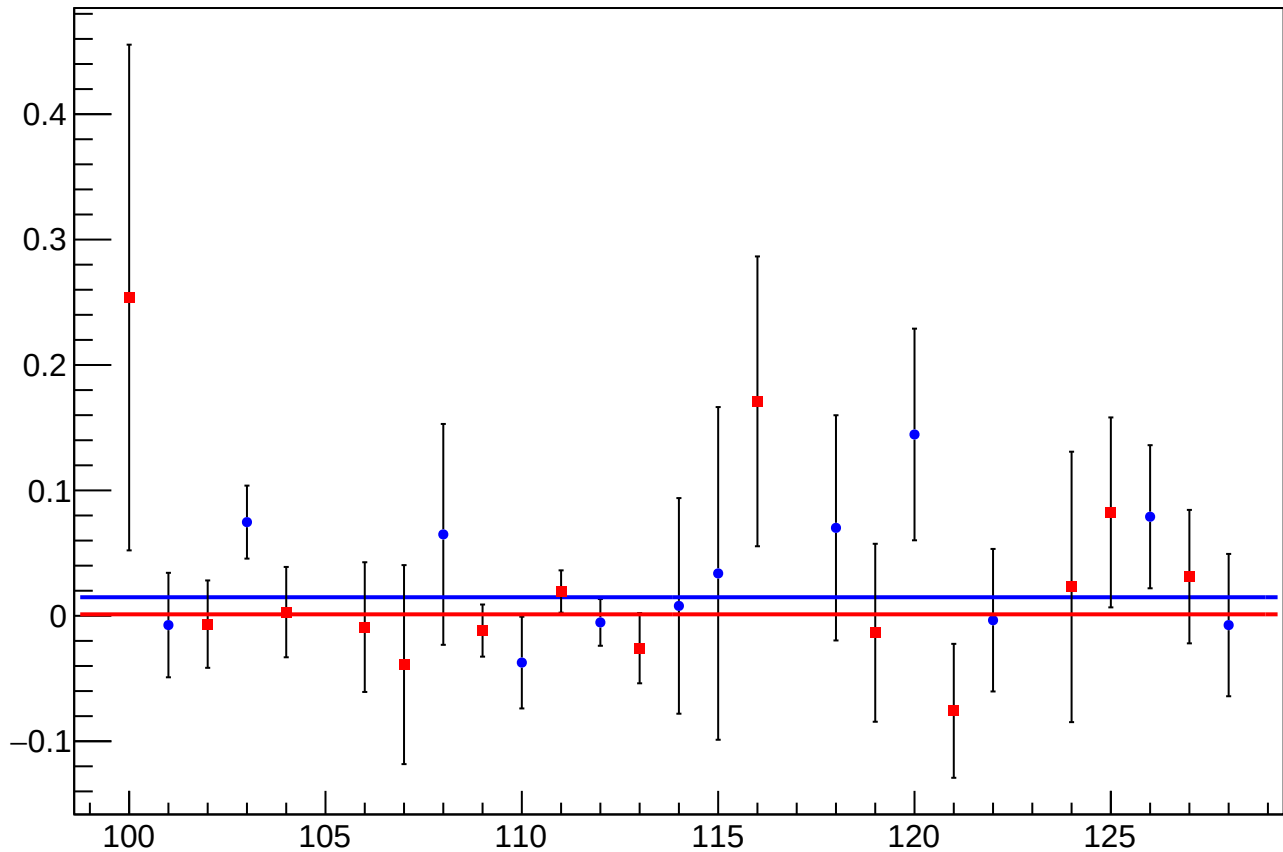
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.081 $\pm$ 0.005 χ^2 /NDF: 4674100.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.015 $\pm$ 0.012 χ^2 /NDF: 12.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.010 χ^2 /NDF: 10.2/13

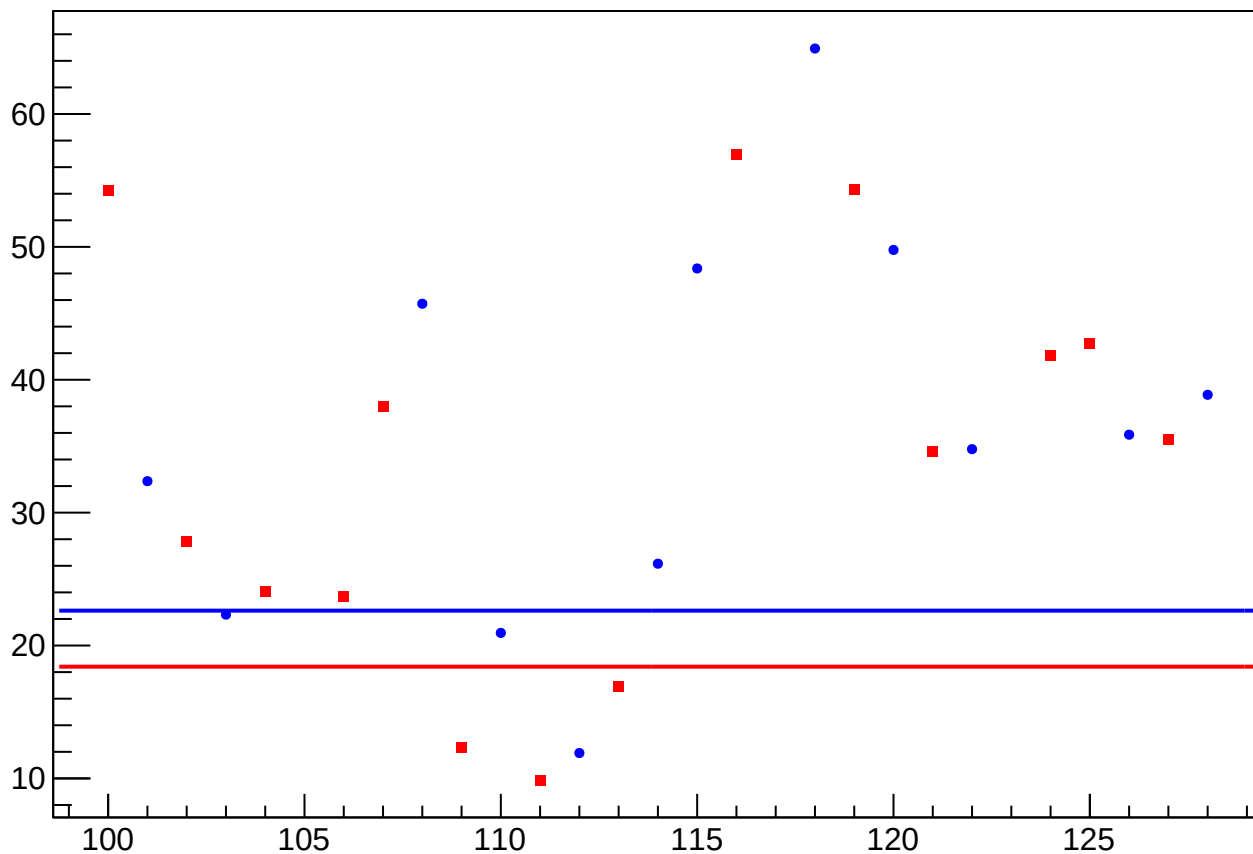
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.008 χ^2 /NDF: 23.3/25

- 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: 22.626 $\pm$ 0.009 χ^2 /NDF: 2005564.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 18.408 $\pm$ 0.007 χ^2 /NDF: 2520473.4/13

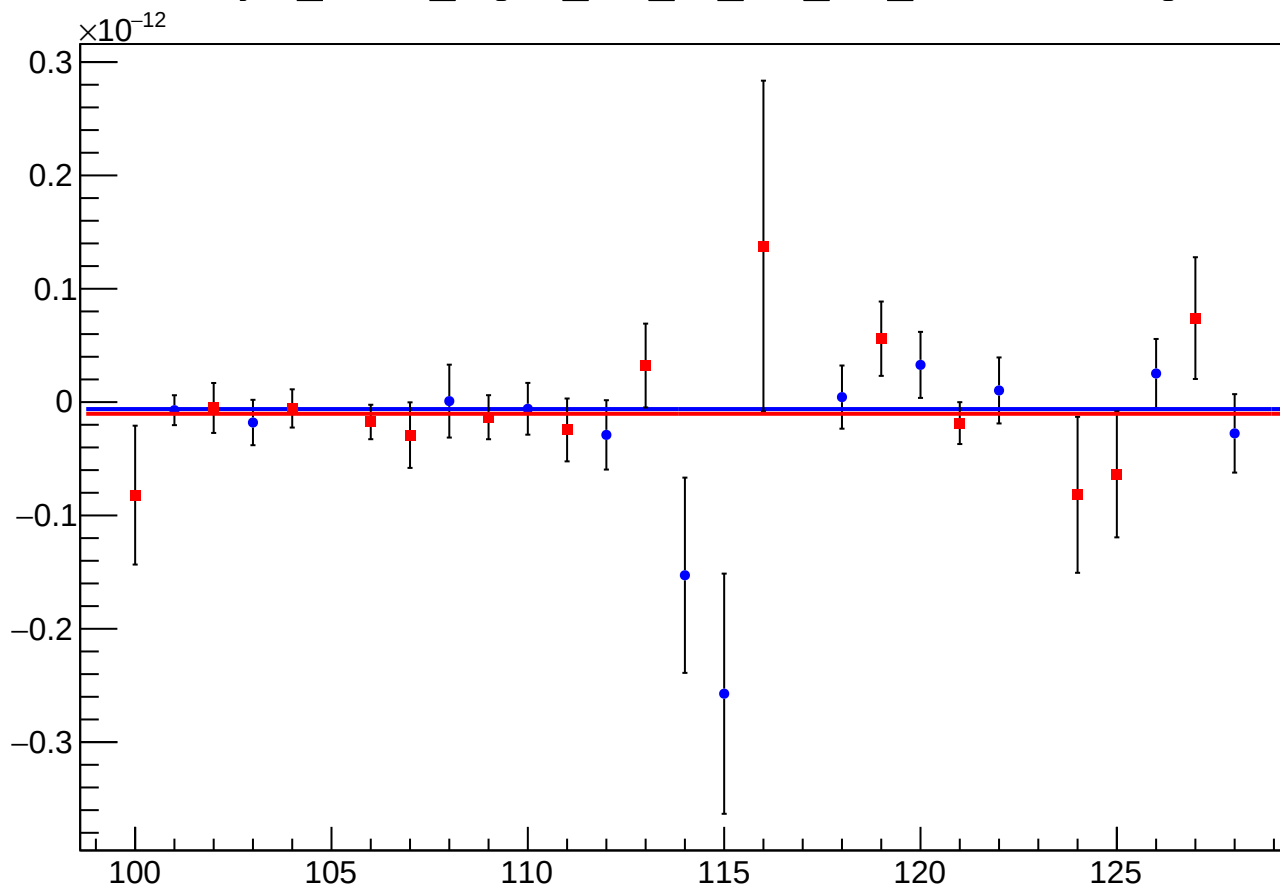
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.081 $\pm$ 0.005 χ^2 /NDF: 4674100.7/25

- 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 ± 0.000 χ^2/NDF : 13.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 13.6/13

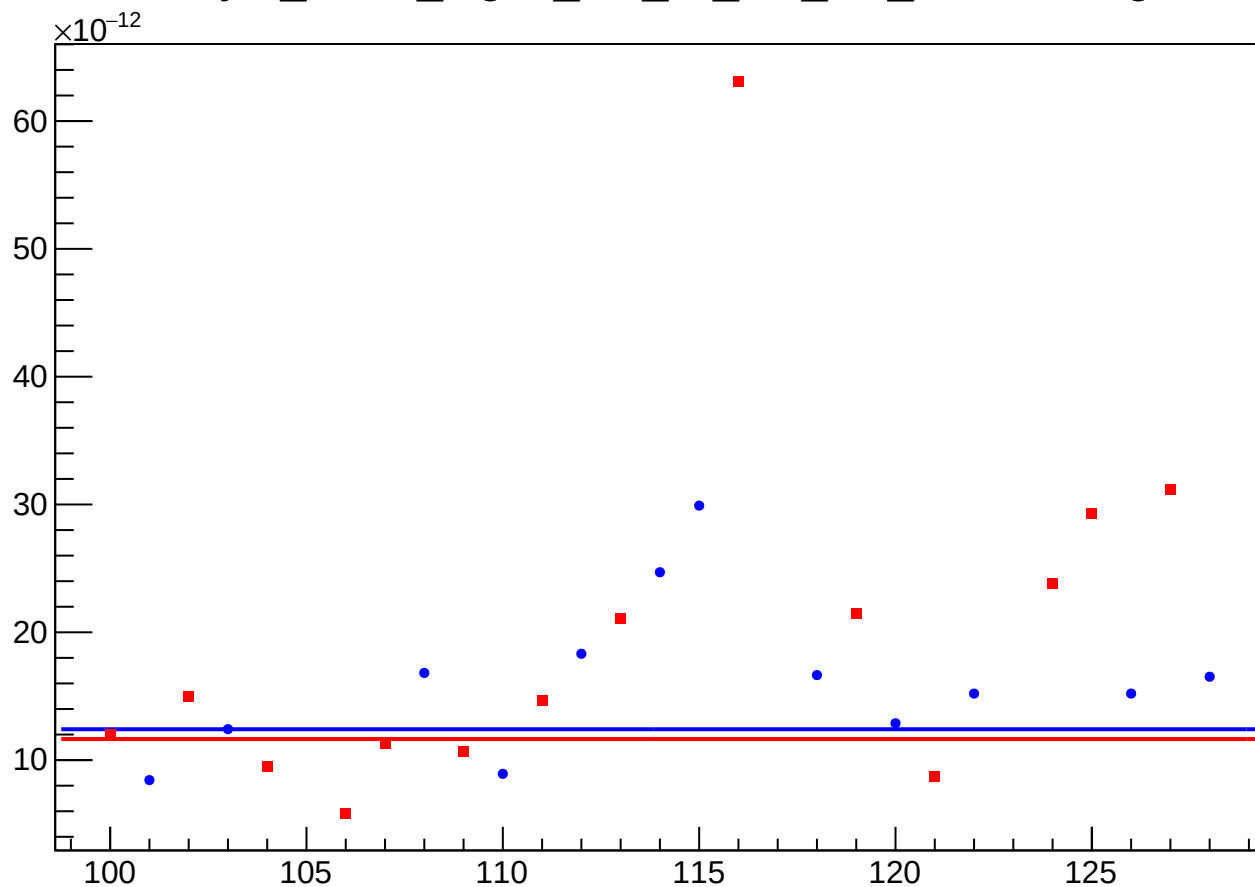
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 26.9/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 545842.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1538700.7/13

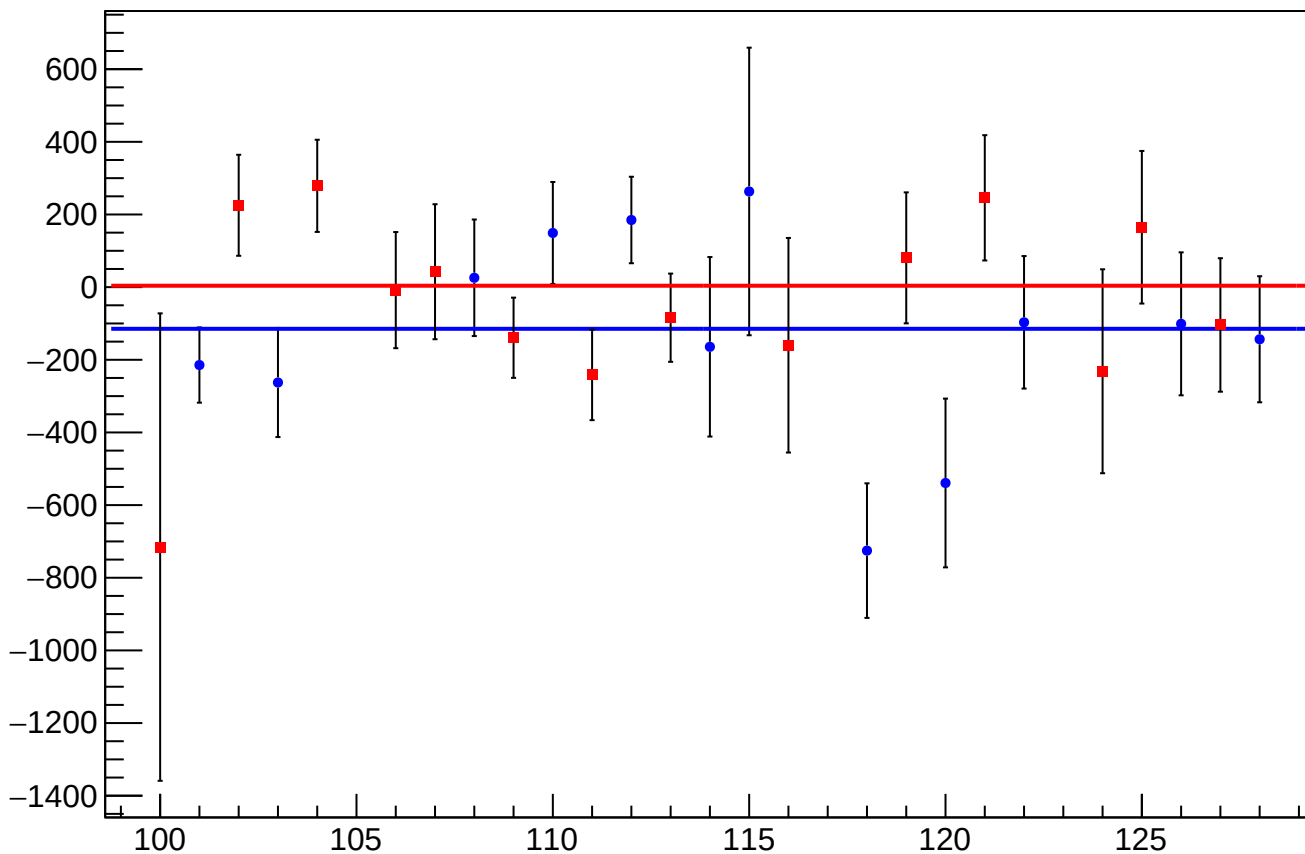
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2095852.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_mean vs Slug



Right In: -114.690+/-46.764 χ^2/NDF : 27.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.877+/-43.055 χ^2/NDF : 18.7/13

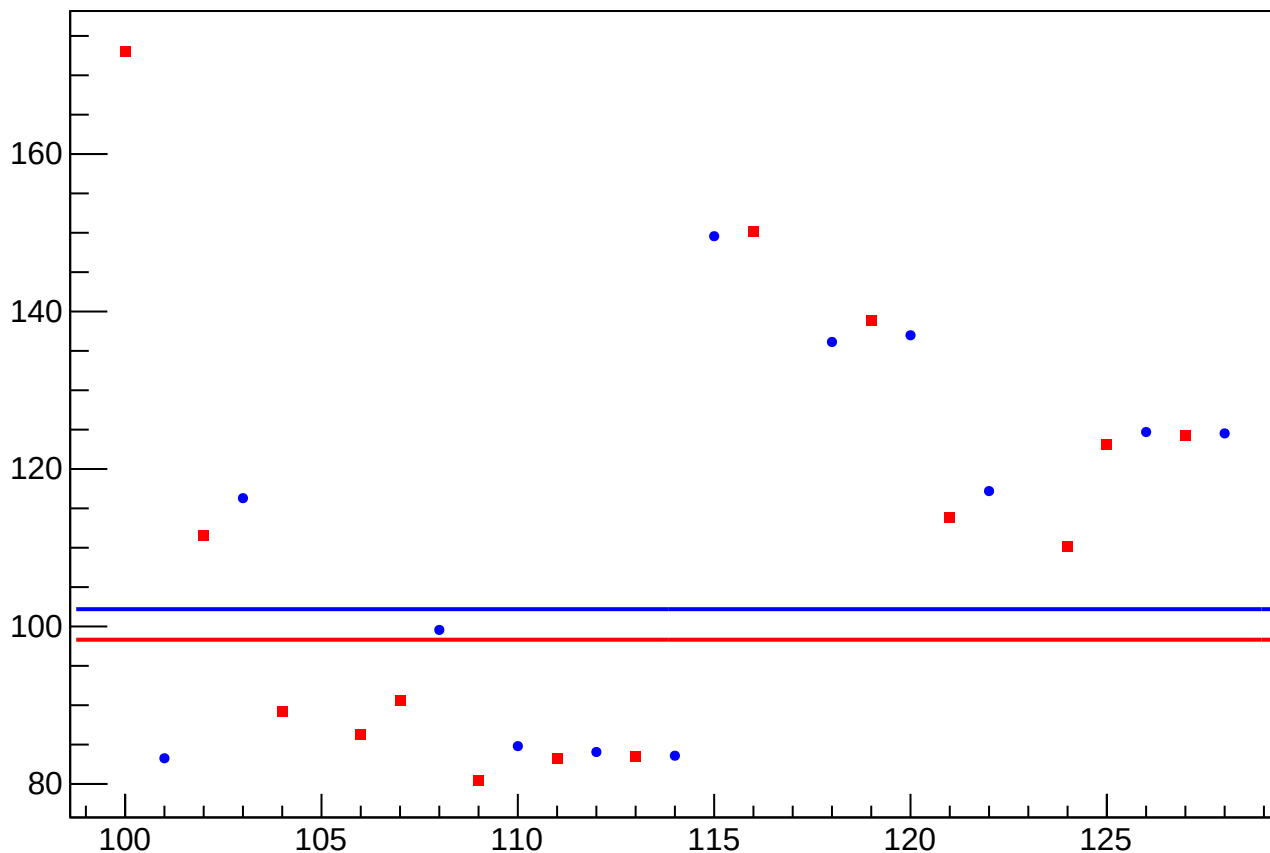
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.518+/-31.675 χ^2/NDF : 49.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_rms vs Slug



Right In: 102.197+/-0.033 χ^2/NDF : 386882.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.318+/-0.030 χ^2/NDF : 431676.8/13

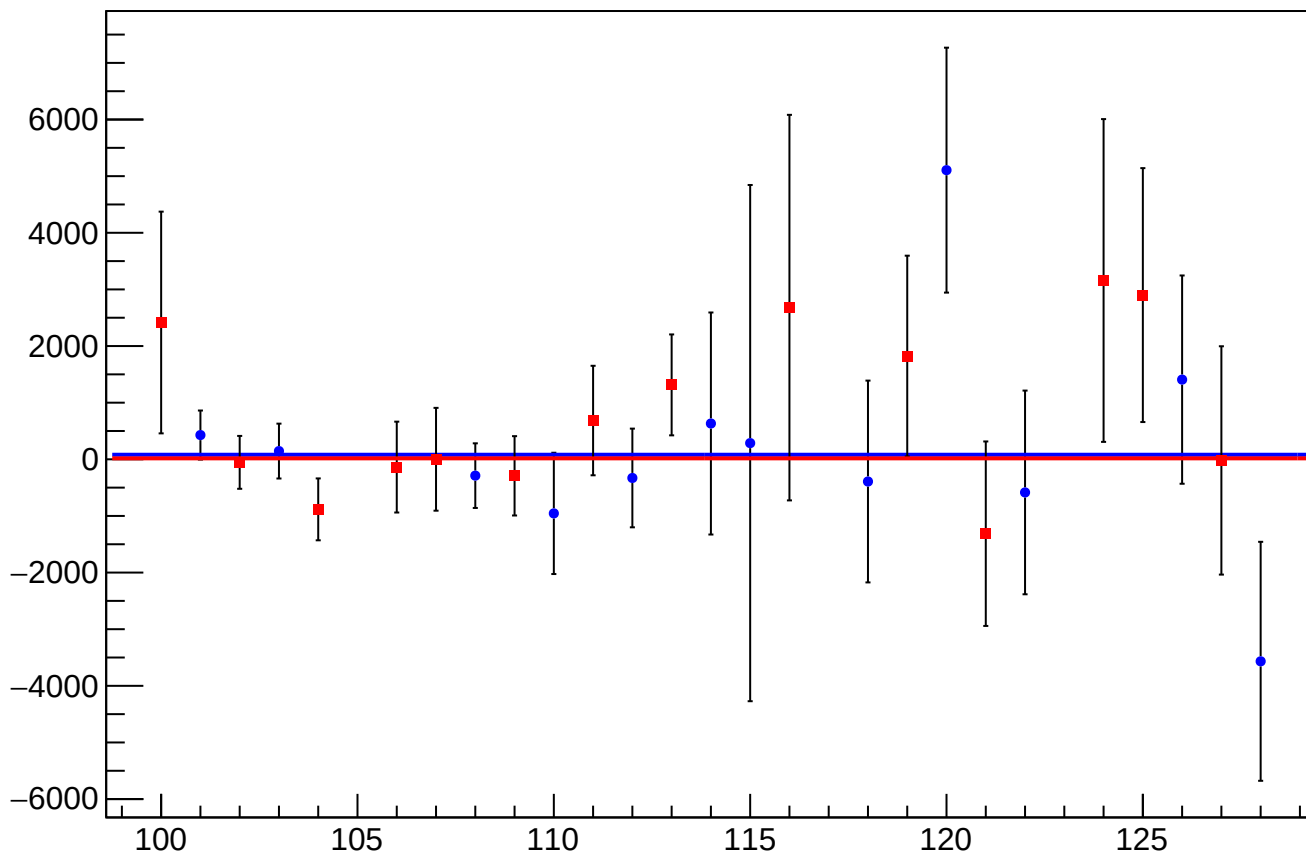
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.098+/-0.022 χ^2/NDF : 826006.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_reg_correction_mean vs Slug



Right In: 80.646+/-246.038 χ^2 /NDF: 11.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 16.875+/-244.839 χ^2 /NDF: 12.3/13

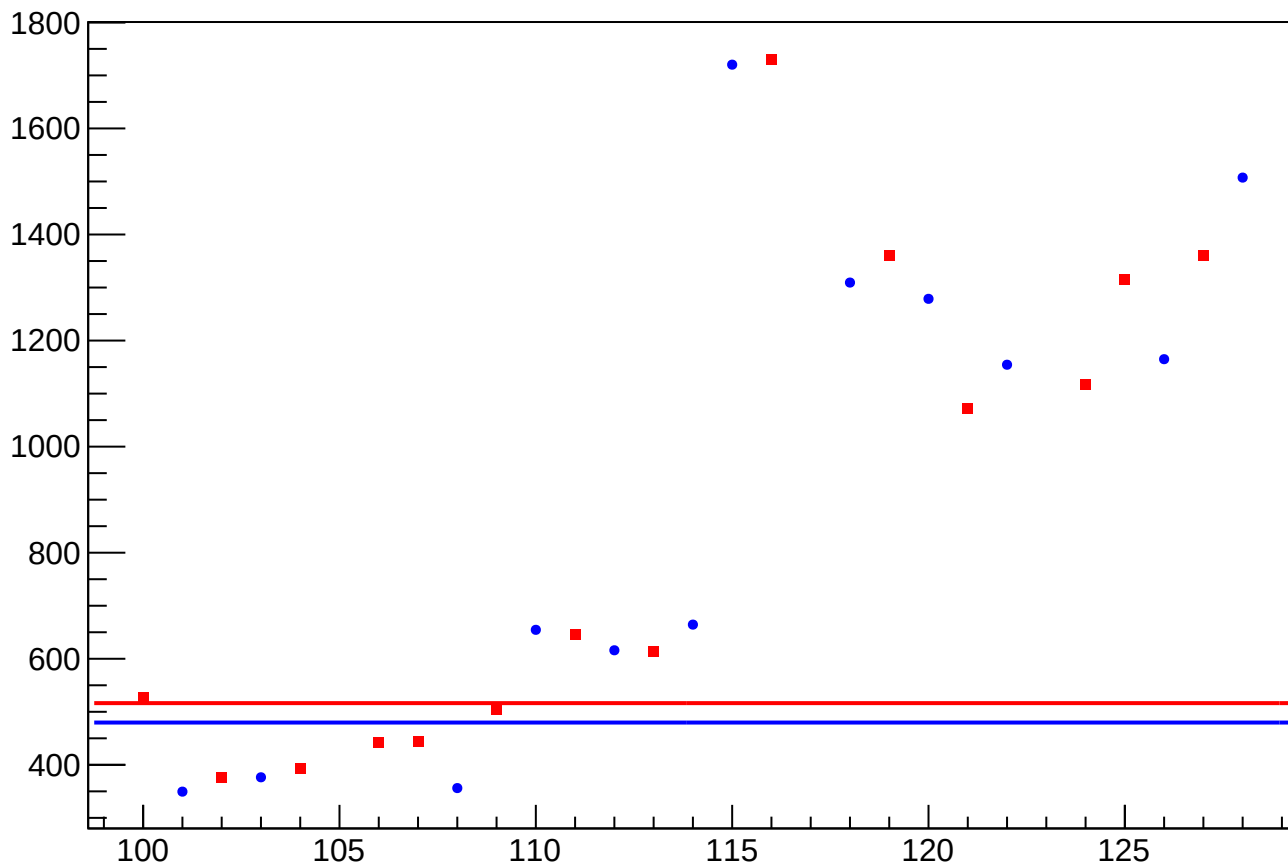
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 48.604+/-173.550 χ^2 /NDF: 23.7/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam6_reg_correction_rms vs Slug



Right In: 479.738+/-0.174 χ^2/NDF : 2373761.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 516.358+/-0.173 χ^2/NDF : 2008298.9/13

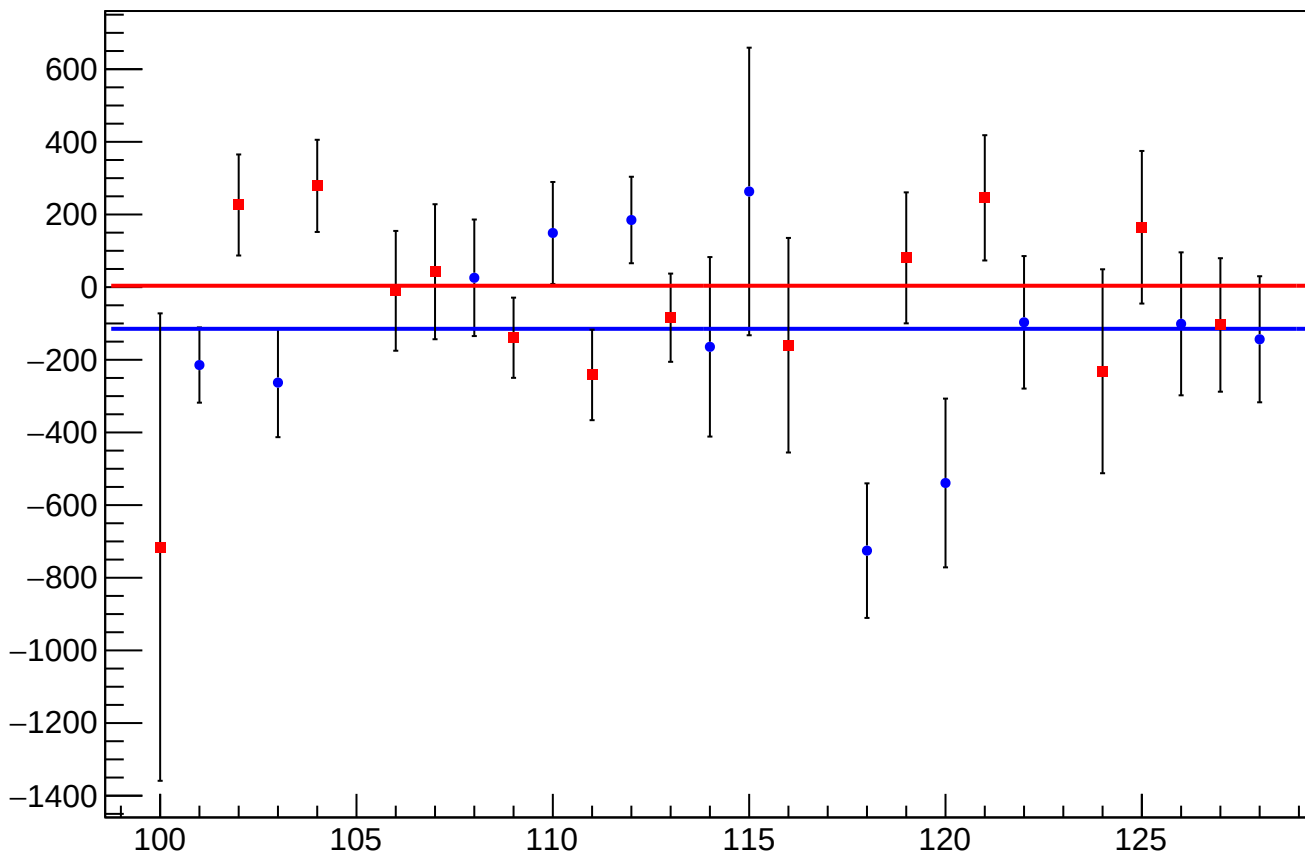
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 498.137+/-0.123 χ^2/NDF : 4404321.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam6_mean vs Slug



Right In: -114.725+/-46.764 χ^2/NDF : 27.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.847+/-43.150 χ^2/NDF : 18.7/13

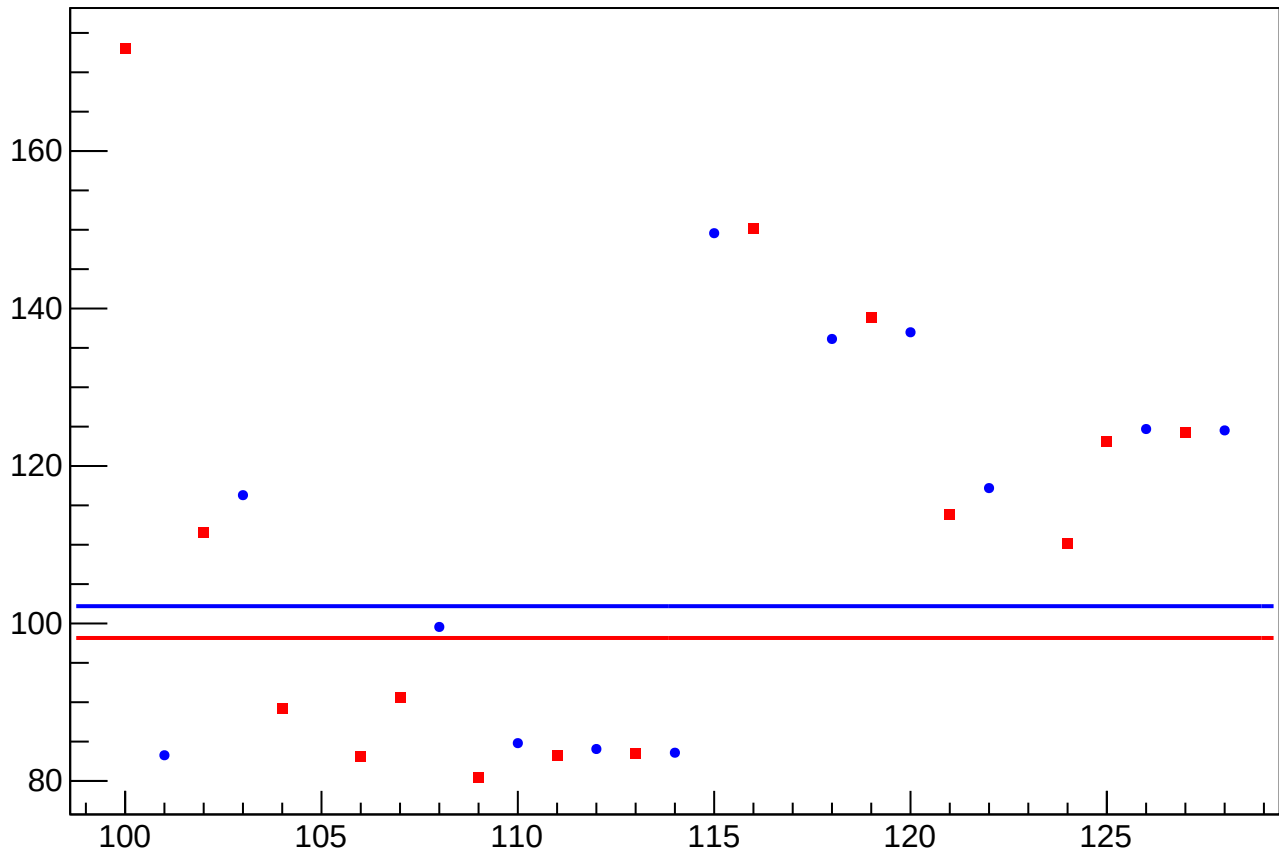
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.680+/-31.713 χ^2/NDF : 49.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam6_rms vs Slug



Right In: 102.197+/-0.033 χ^2/NDF : 386884.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.158+/-0.031 χ^2/NDF : 437393.9/13

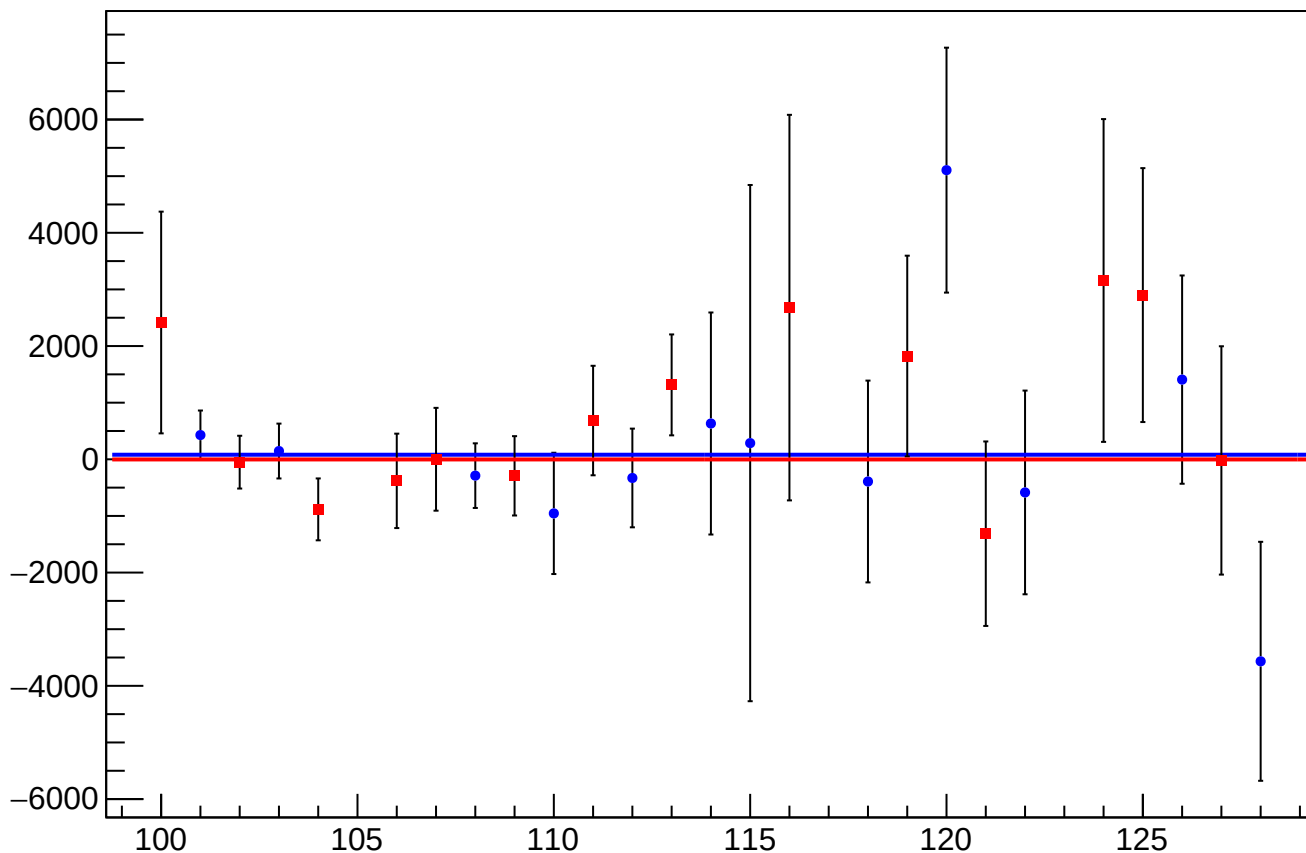
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.015+/-0.022 χ^2/NDF : 832339.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_cor_correction_mean vs Slug



Right In: 80.818+/-246.030 χ^2/NDF : 11.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.301+/-245.574 χ^2/NDF : 12.4/13

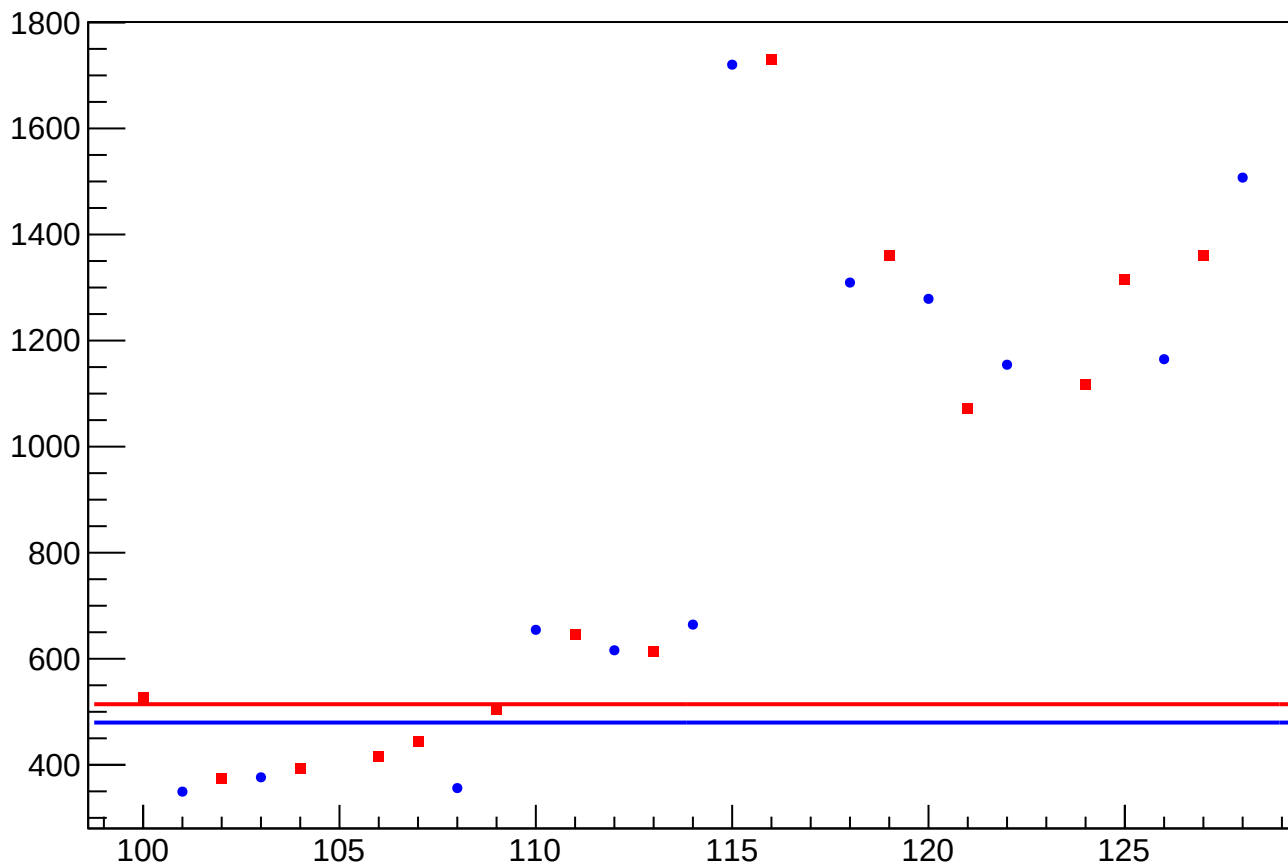
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.181+/-173.808 χ^2/NDF : 23.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_cor_correction_rms vs Slug



Right In: 479.717+/-0.174 χ^2/NDF : 2373875.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 514.325+/-0.174 χ^2/NDF : 2022144.0/13

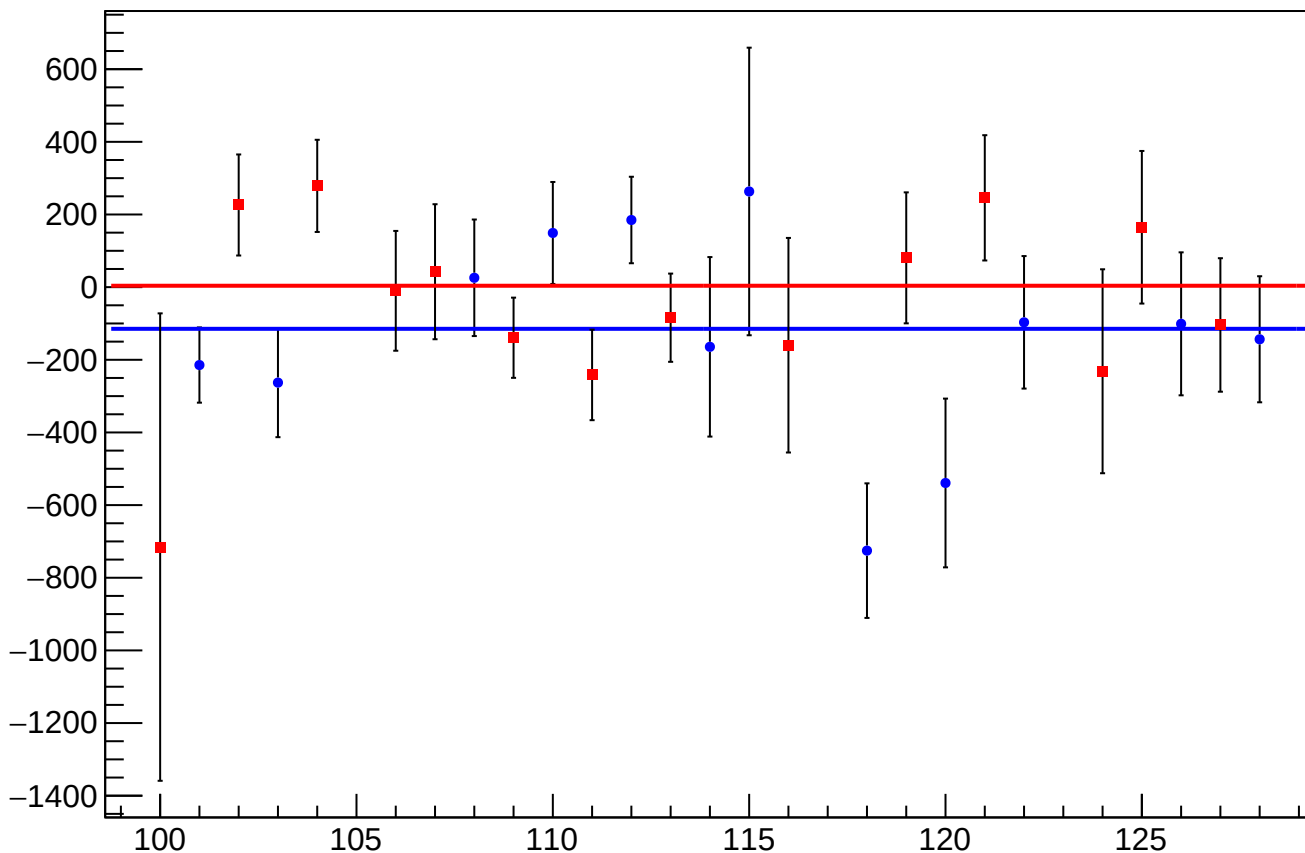
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 497.053+/-0.123 χ^2/NDF : 4415843.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam6_mean vs Slug



Right In: -114.725+/-46.764 χ^2/NDF : 27.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.847+/-43.150 χ^2/NDF : 18.7/13

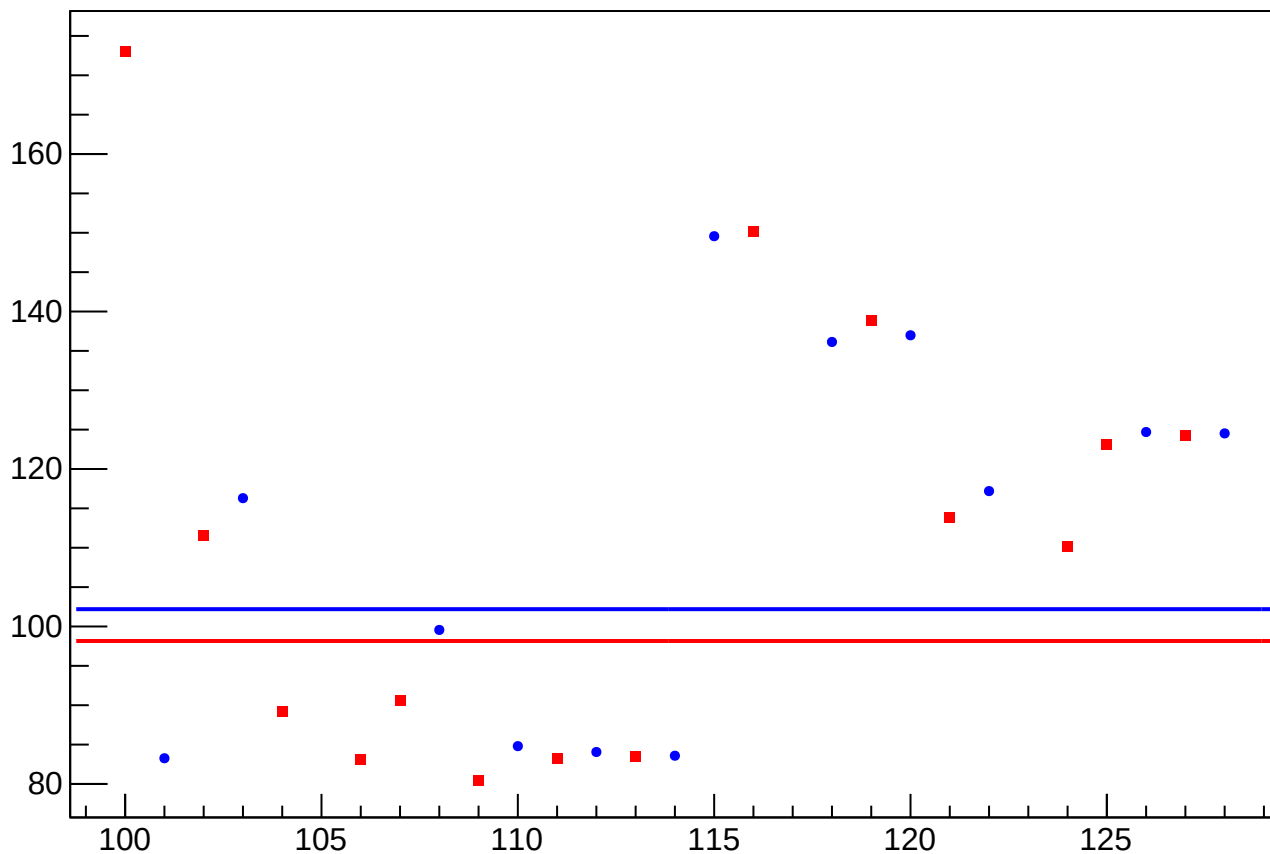
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.680+/-31.713 χ^2/NDF : 49.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam6_rms vs Slug



Right In: 102.197 $\pm$ 0.033 χ^2 /NDF: 386884.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 98.158 $\pm$ 0.031 χ^2 /NDF: 437393.9/13

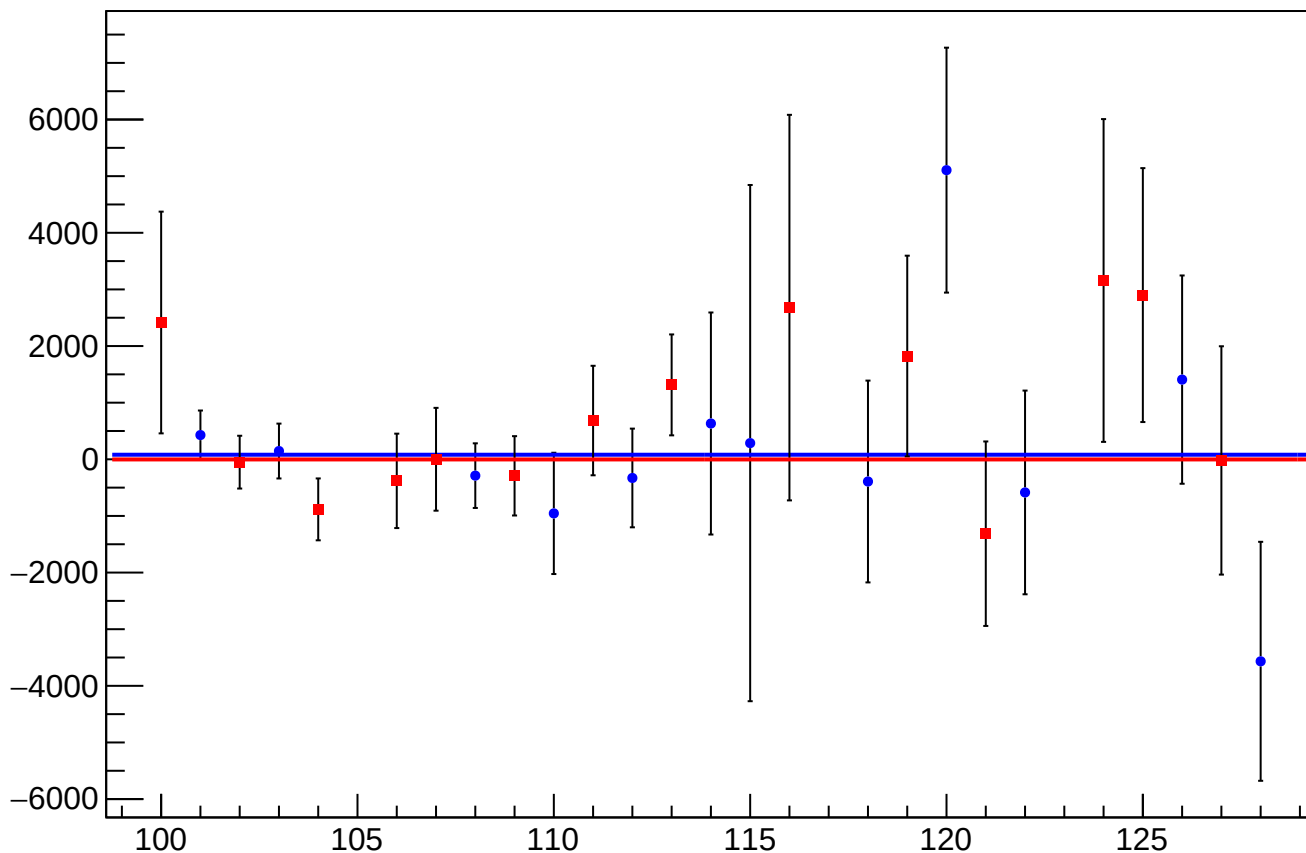
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.015 $\pm$ 0.022 χ^2 /NDF: 832339.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_cor_correction_mean vs Slug



Right In: 80.818+/-246.030 χ^2/NDF : 11.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.301+/-245.574 χ^2/NDF : 12.4/13

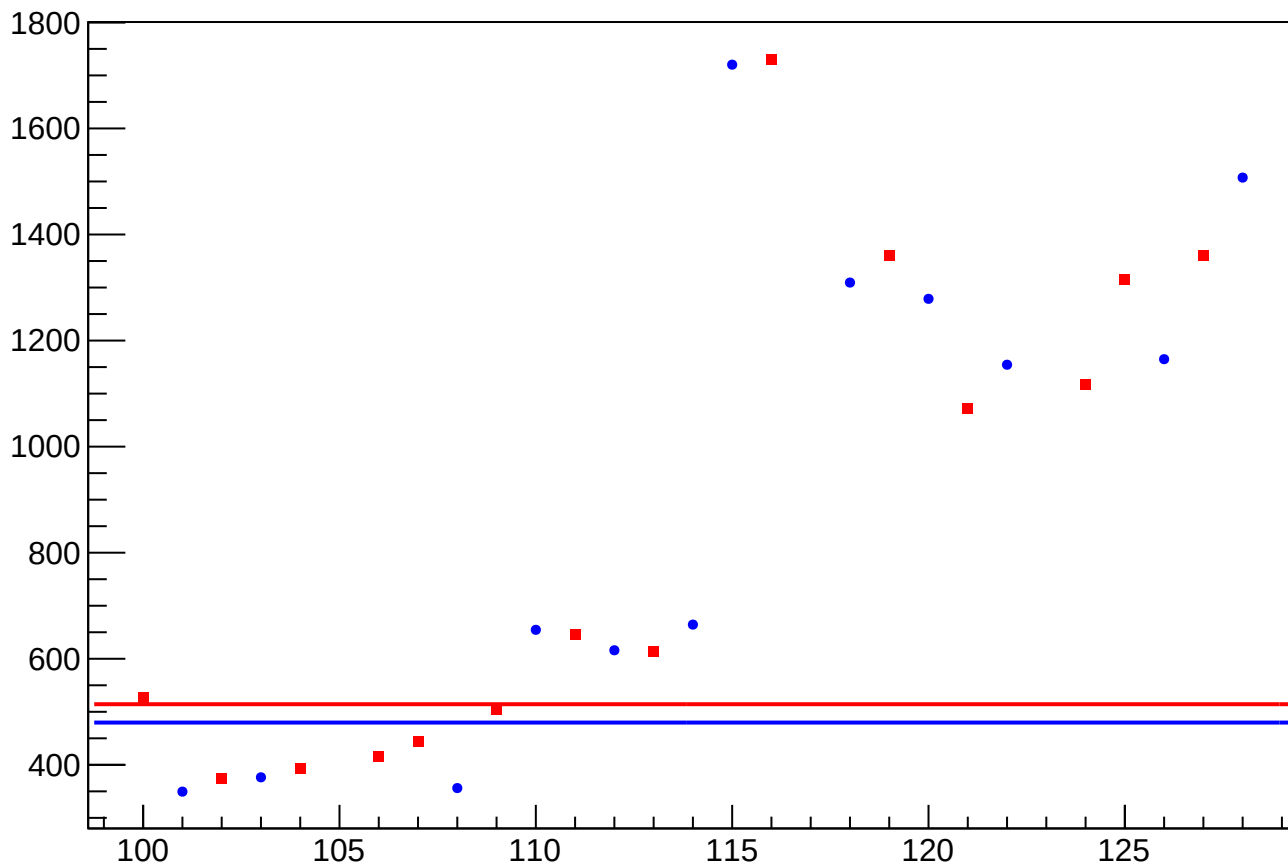
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.181+/-173.808 χ^2/NDF : 23.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_eigen_cor_correction_rms vs Slug



Right In: 479.717+/-0.174 χ^2/NDF : 2373875.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 514.325+/-0.174 χ^2/NDF : 2022144.0/13

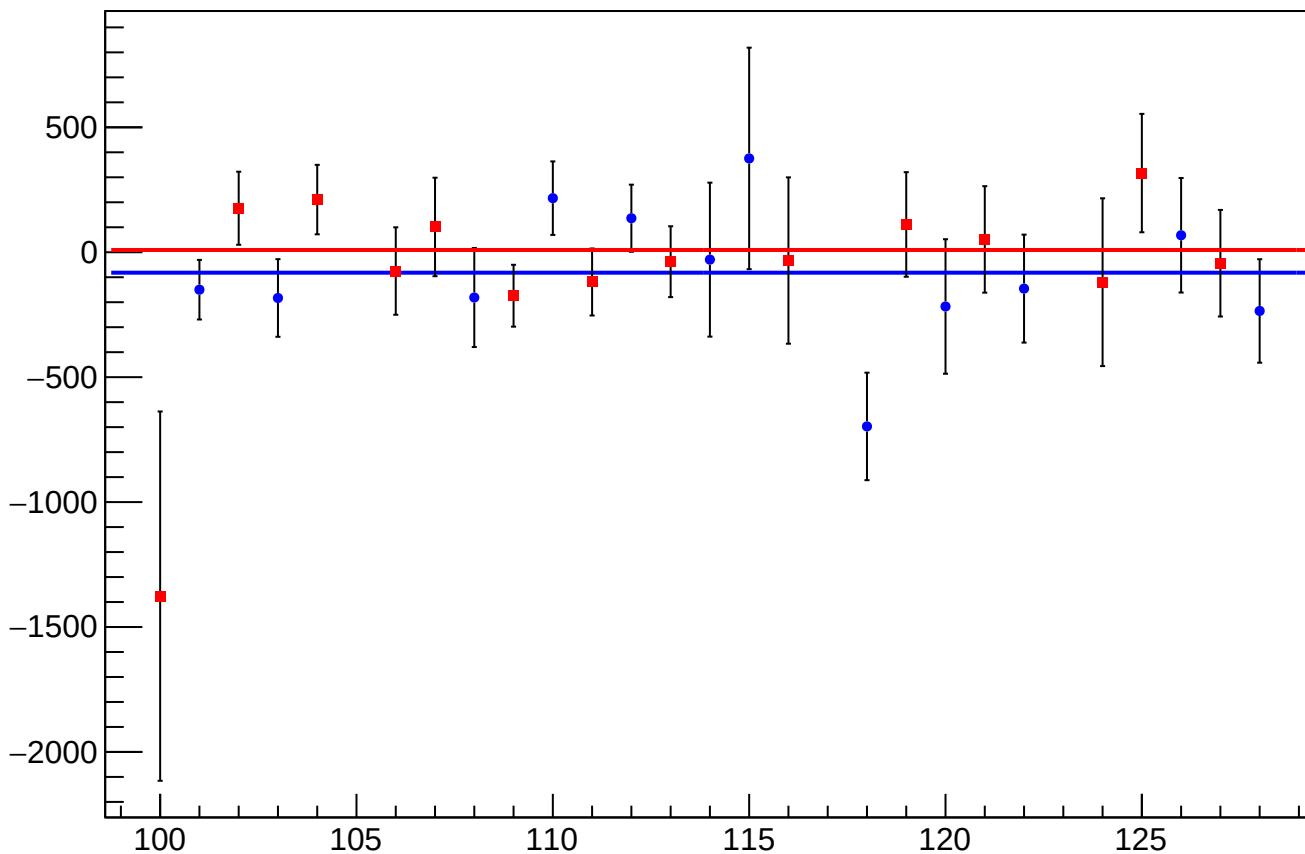
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 497.053+/-0.123 χ^2/NDF : 4415843.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam6_mean vs Slug



Right In: -81.831 ± 53.179 χ^2/NDF : 18.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 9.029 ± 48.122 χ^2/NDF : 12.8/13

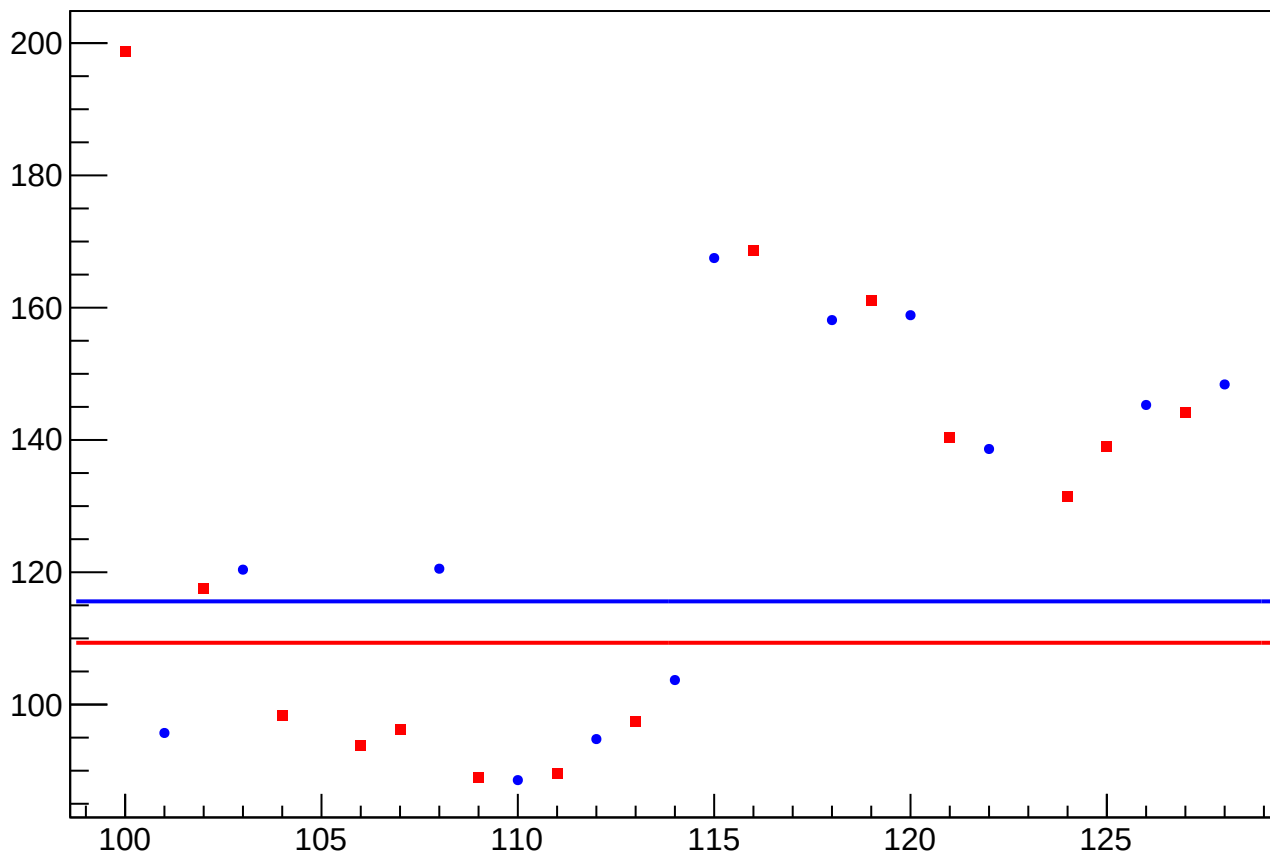
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.877 ± 35.682 χ^2/NDF : 32.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam6_rms vs Slug



Right In: 115.600 $\pm$ 0.038 χ^2 /NDF: 441017.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 109.339 $\pm$ 0.034 χ^2 /NDF: 506006.3/13

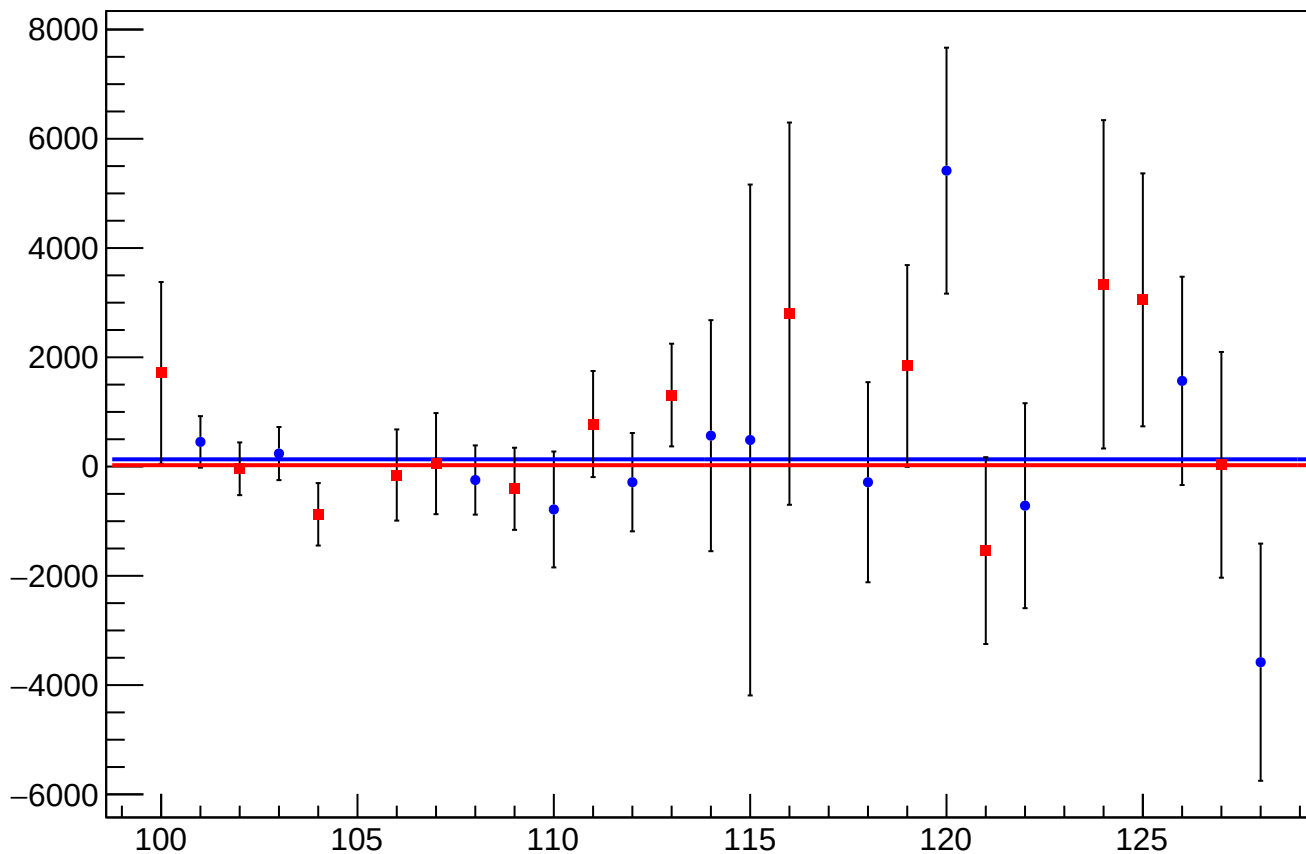
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 112.157 $\pm$ 0.025 χ^2 /NDF: 962264.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_dit_correction_mean vs Slug



Right In: 132.694+/-259.229 χ^2/NDF : 11.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.937+/-253.758 χ^2/NDF : 11.7/13

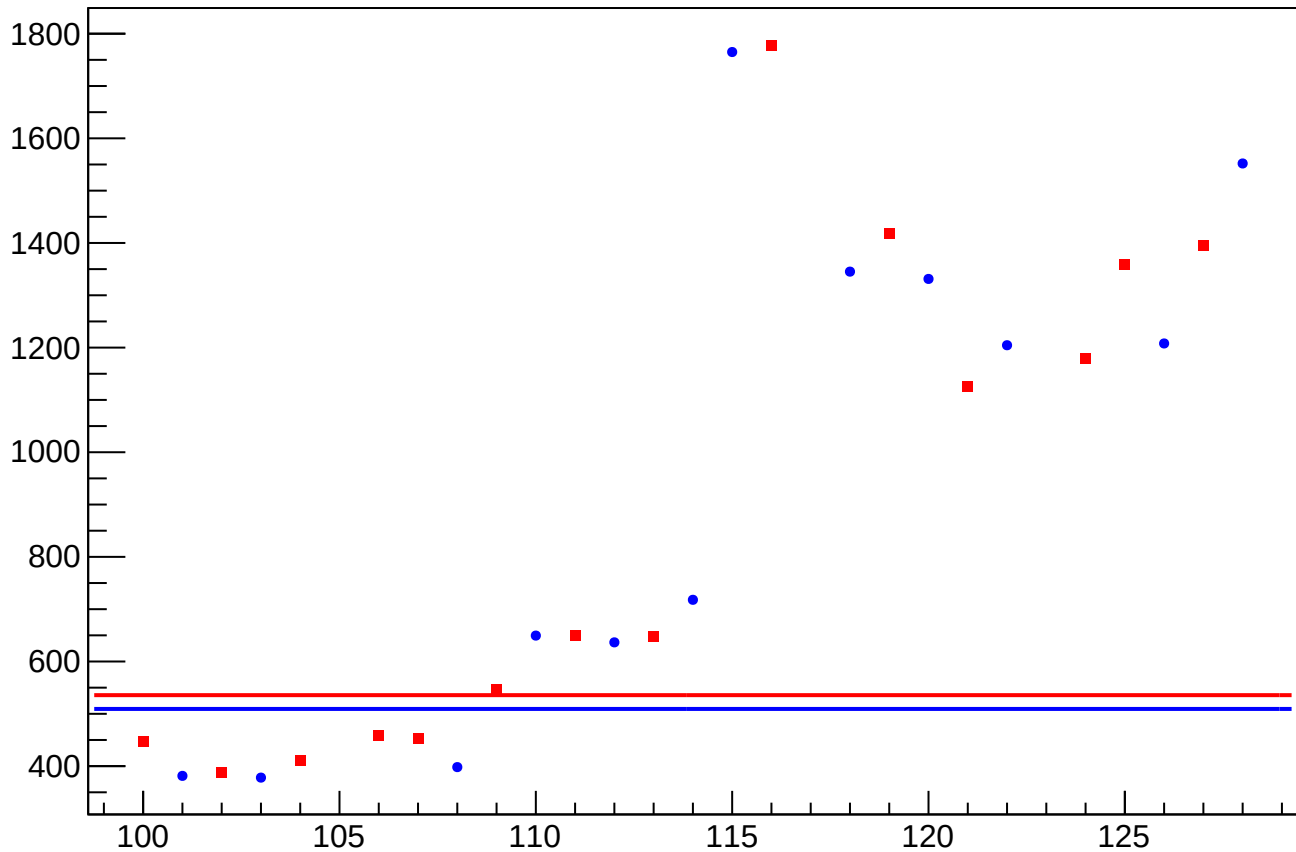
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.666+/-181.337 χ^2/NDF : 22.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_dit_correction_rms vs Slug



Right In: 509.330+/-0.183 χ^2/NDF : 2280986.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

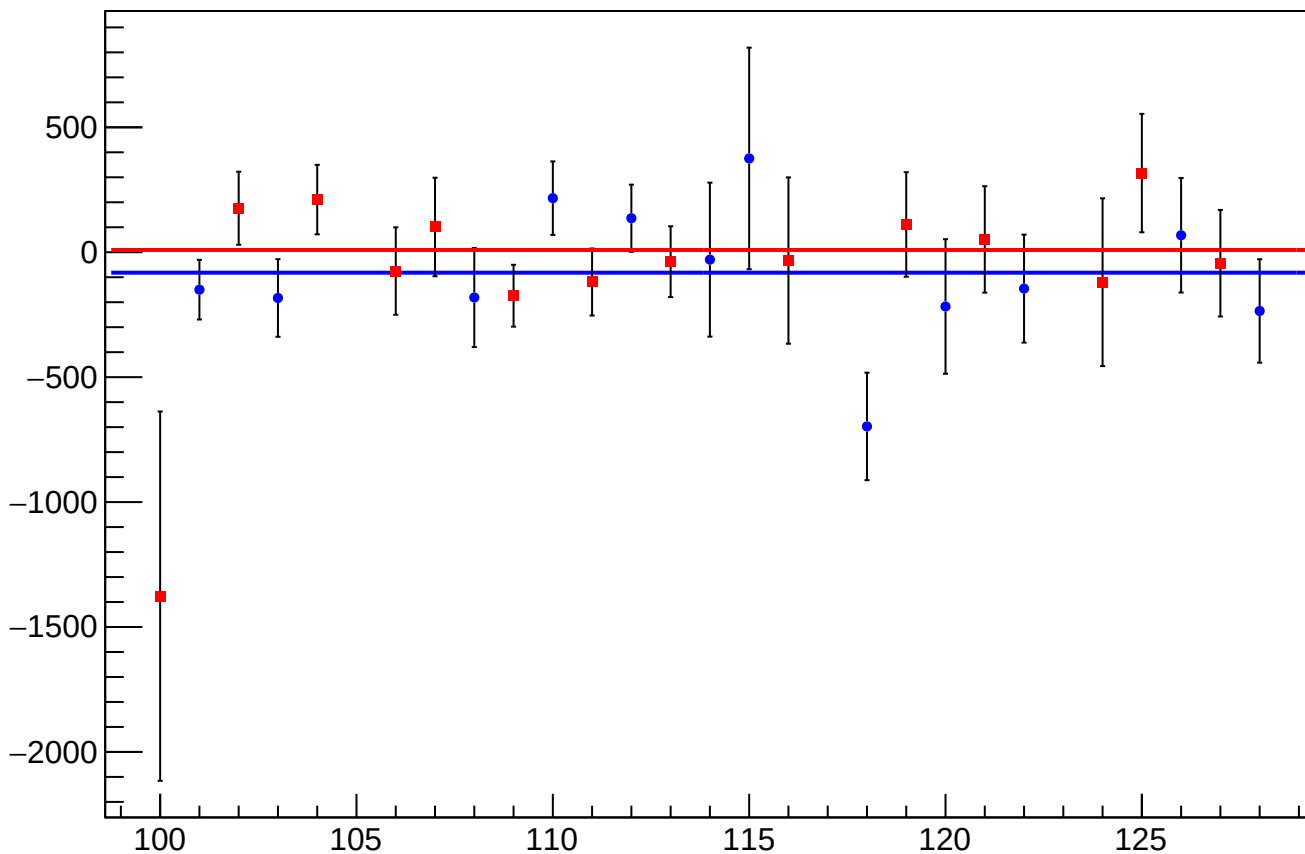
Right Out: 535.677+/-0.179 χ^2/NDF : 2013147.1/13

All: 522.784+/-0.128 χ^2/NDF : 4304683.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam6_mean vs Slug



Right In: -81.833 ± 53.179 χ^2/NDF : 18.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 9.027 ± 48.122 χ^2/NDF : 12.8/13

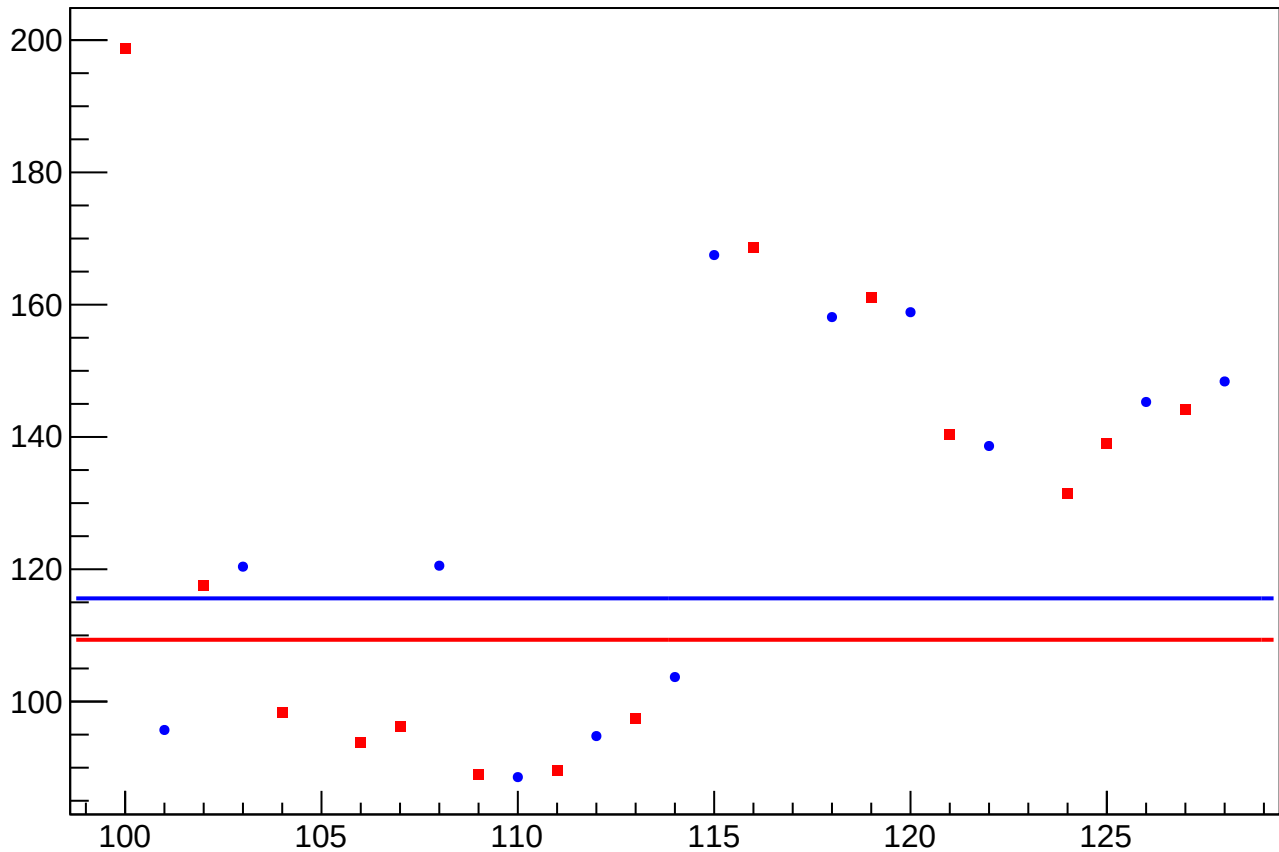
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.878 ± 35.682 χ^2/NDF : 32.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam6_rms vs Slug



Right In: 115.599 $\pm$ 0.038 χ^2 /NDF: 441019.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 109.338 $\pm$ 0.034 χ^2 /NDF: 506005.8/13

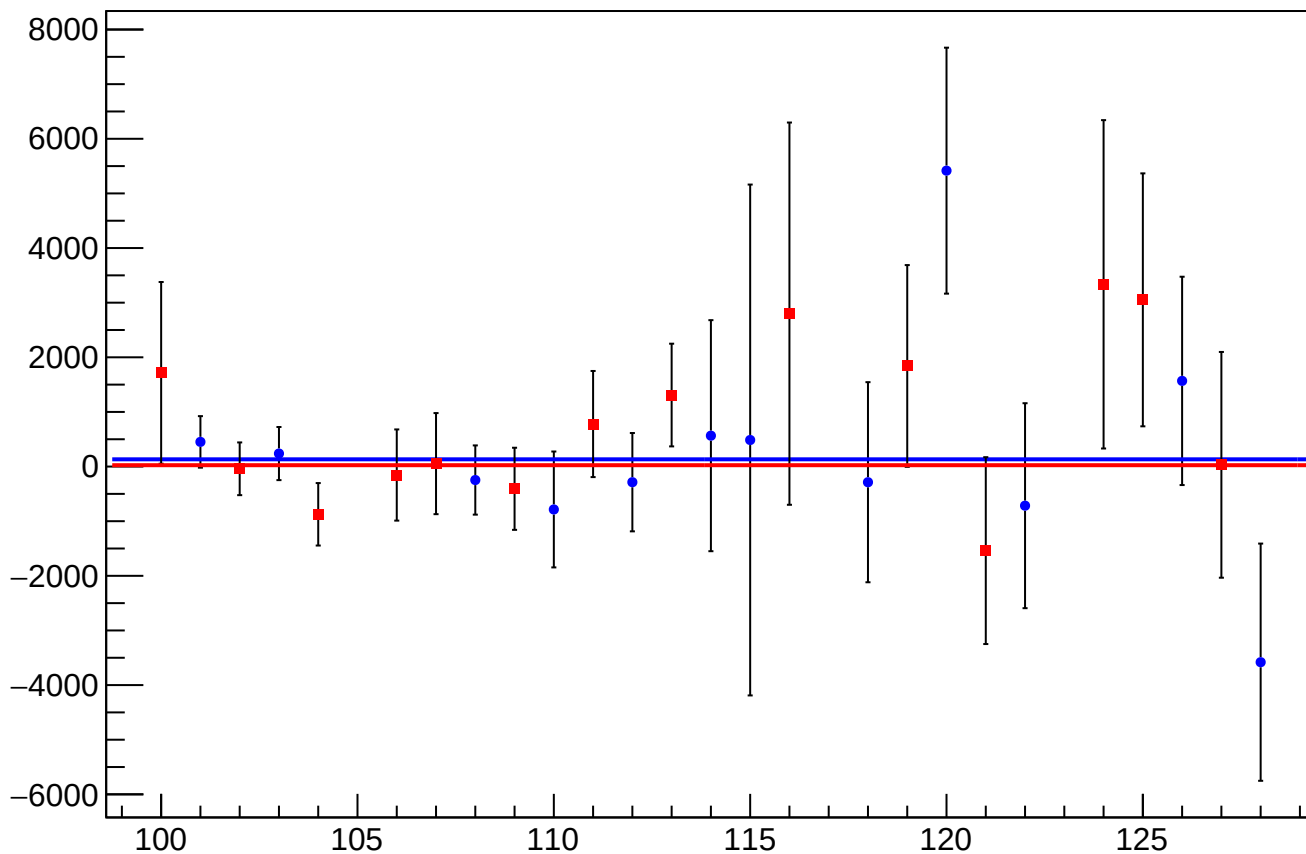
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 112.157 $\pm$ 0.025 χ^2 /NDF: 962265.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_correction_mean vs Slug



Right In: 132.694+/-259.229 χ^2/NDF : 11.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.935+/-253.758 χ^2/NDF : 11.7/13

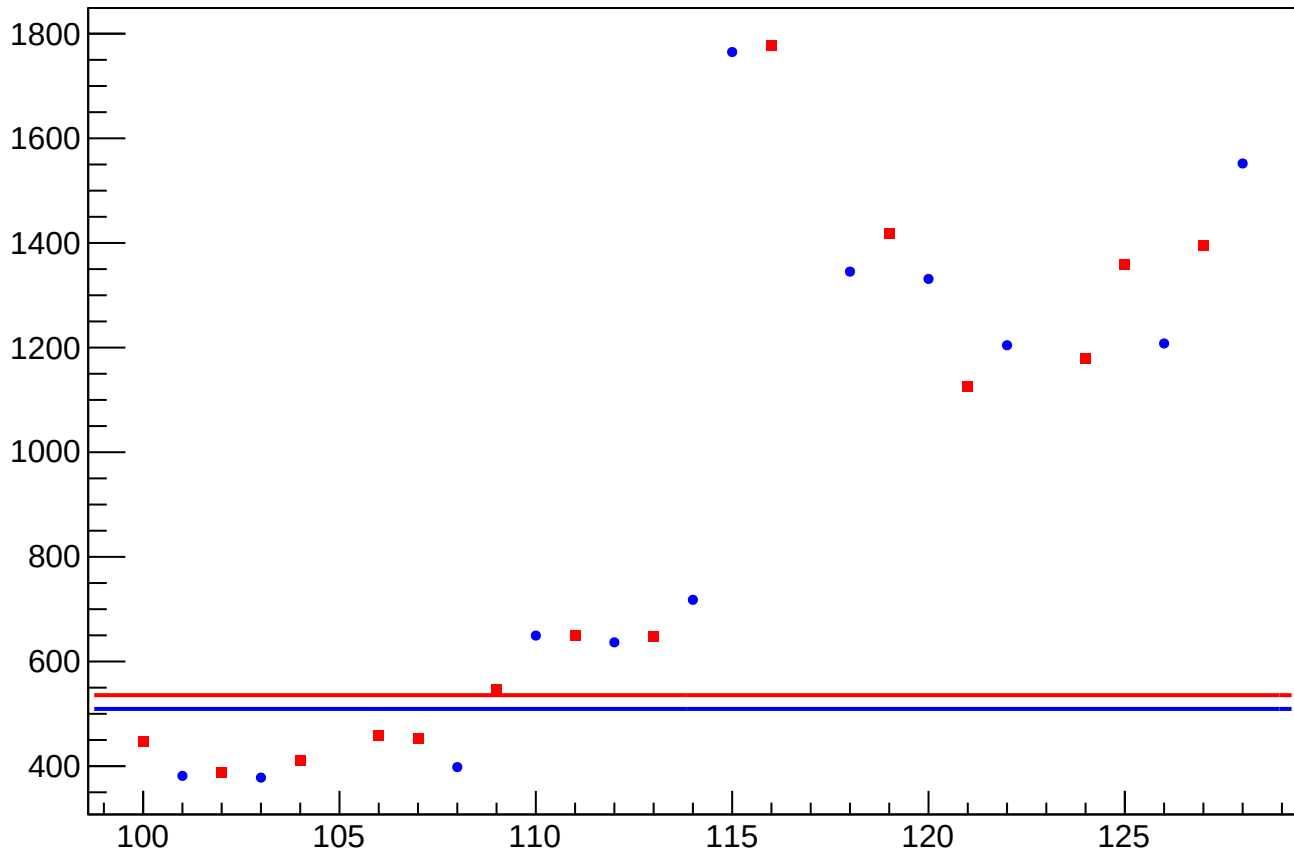
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.665+/-181.337 χ^2/NDF : 22.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_eigen_dit_correction_rms vs Slug



Right In: 509.330+/-0.183 χ^2/NDF : 2280989.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 535.676+/-0.179 χ^2/NDF : 2013147.4/13

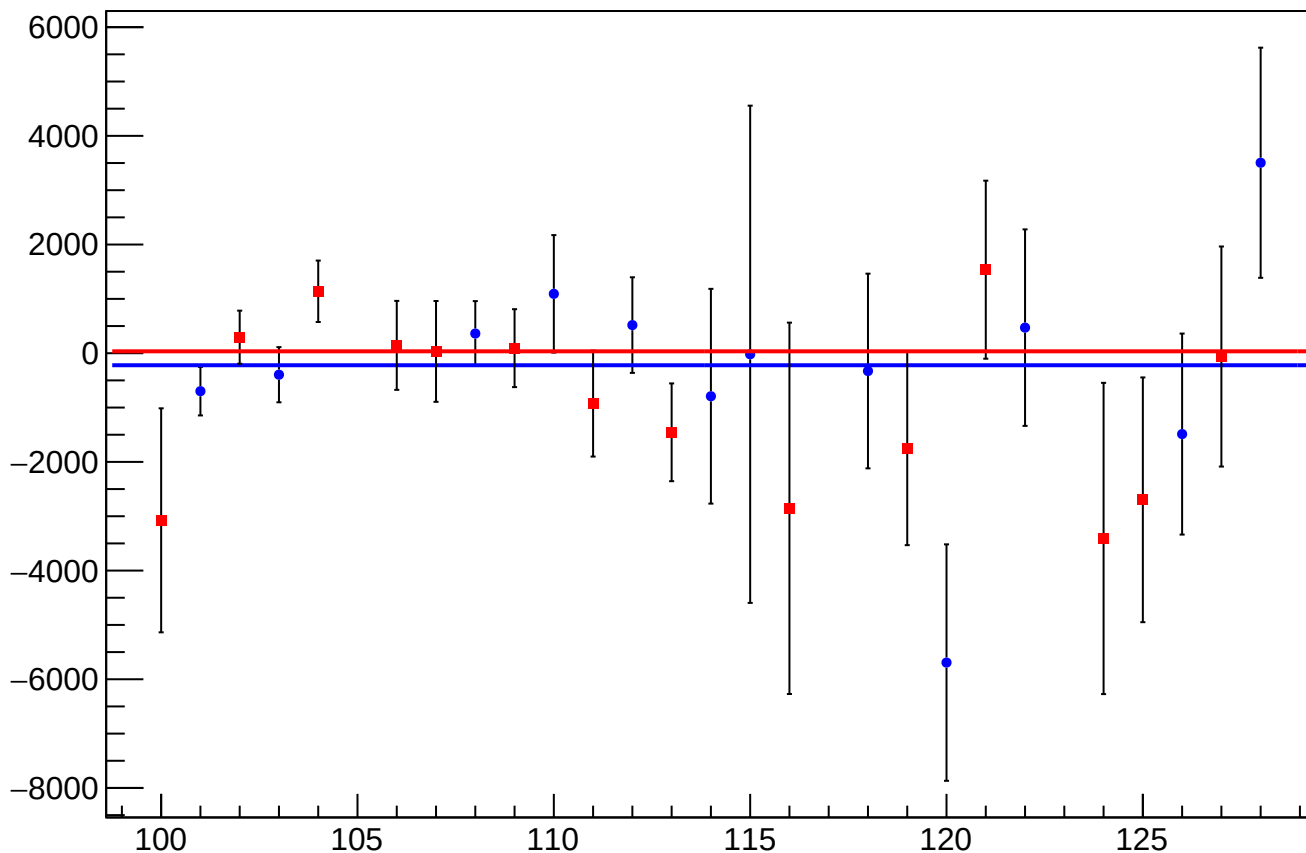
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.784+/-0.128 χ^2/NDF : 4304686.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_mean vs Slug



Right In: -221.187+/-254.041 χ^2 /NDF: 14.5/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 35.257+/-251.731 χ^2 /NDF: 15.6/13

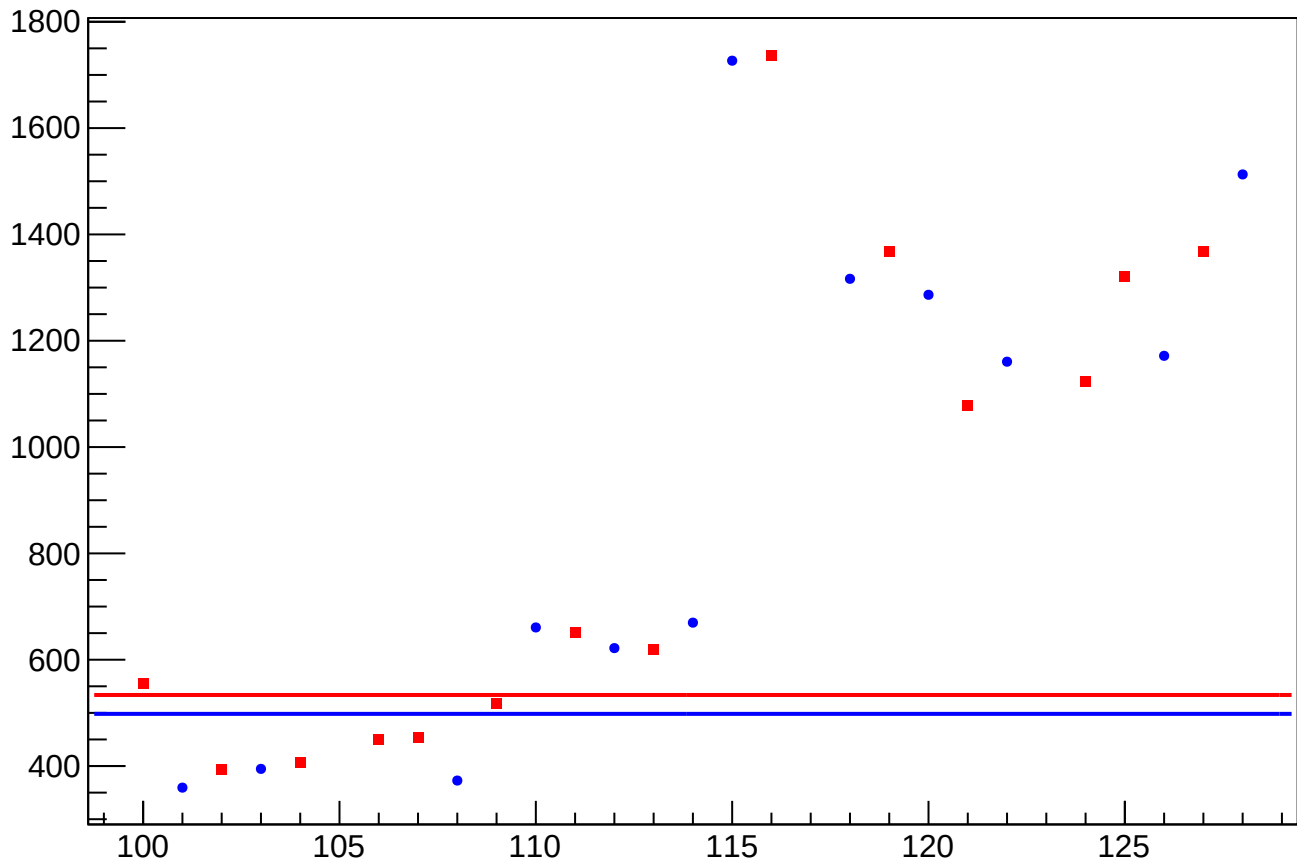
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -91.794+/-178.812 χ^2 /NDF: 30.6/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam6_rms vs Slug



Right In: 498.148+/-0.180 χ^2/NDF : 2281359.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 533.684+/-0.178 χ^2/NDF : 1925478.7/13

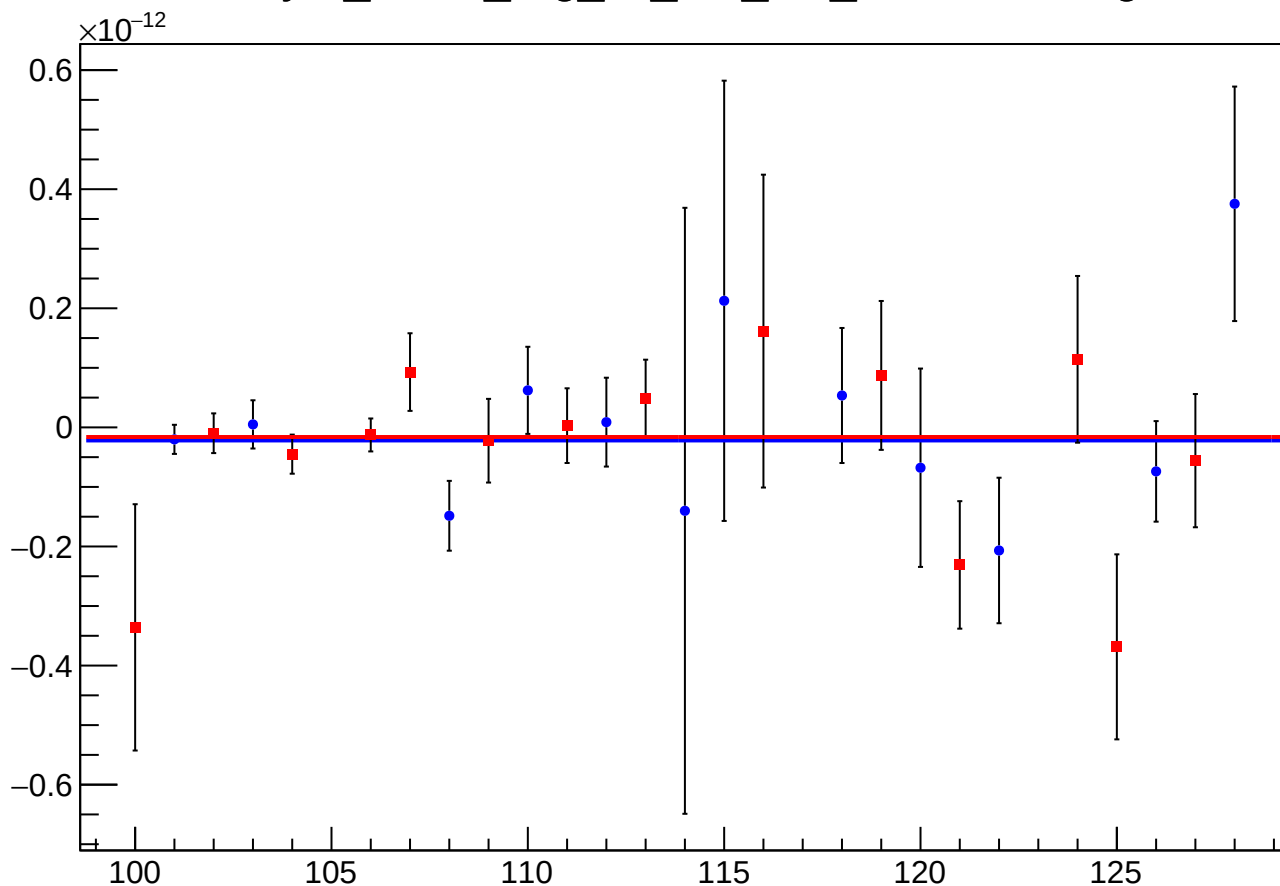
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 516.078+/-0.126 χ^2/NDF : 4226584.1/25

- 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 : 14.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 18.4/13

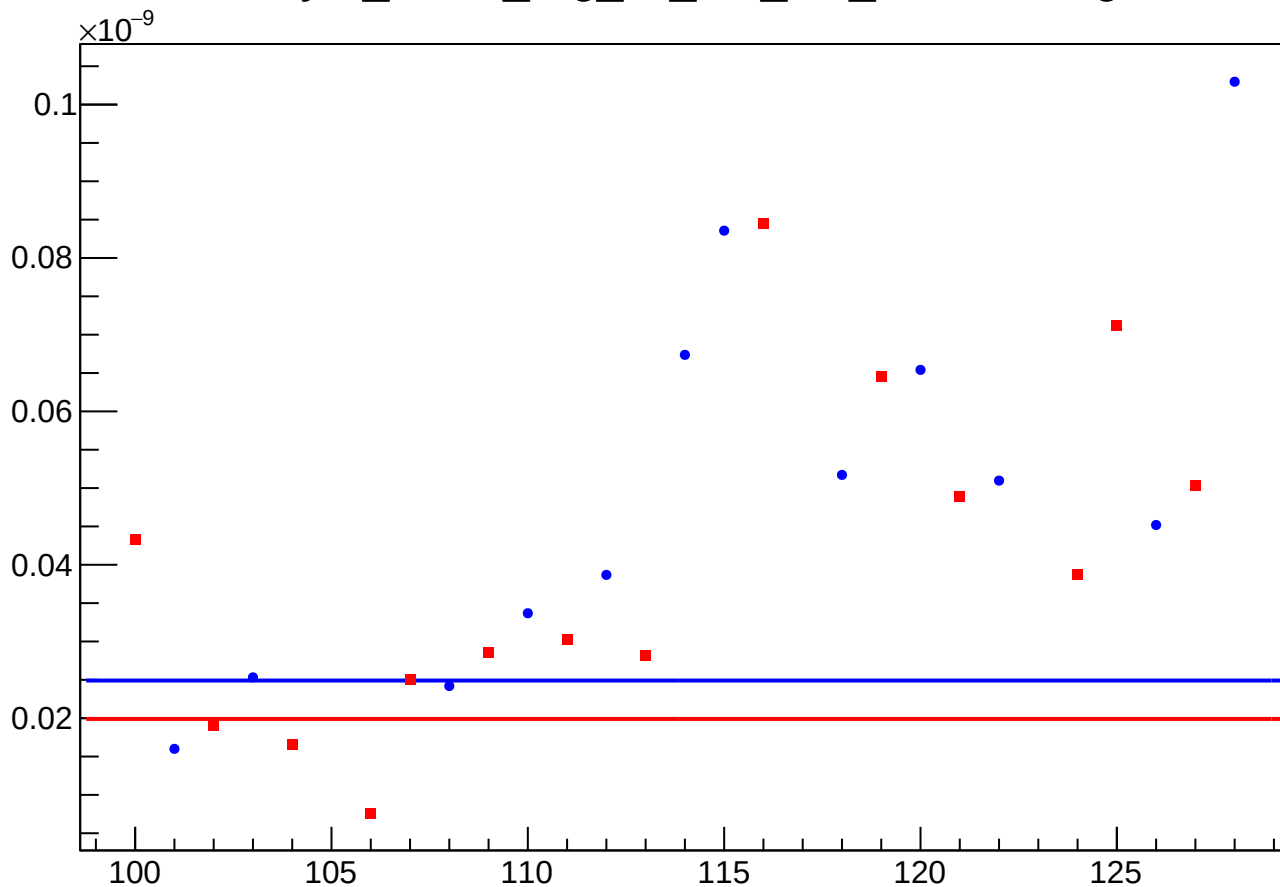
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 32.8/25

- 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 : 1178052.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1501991.7/13

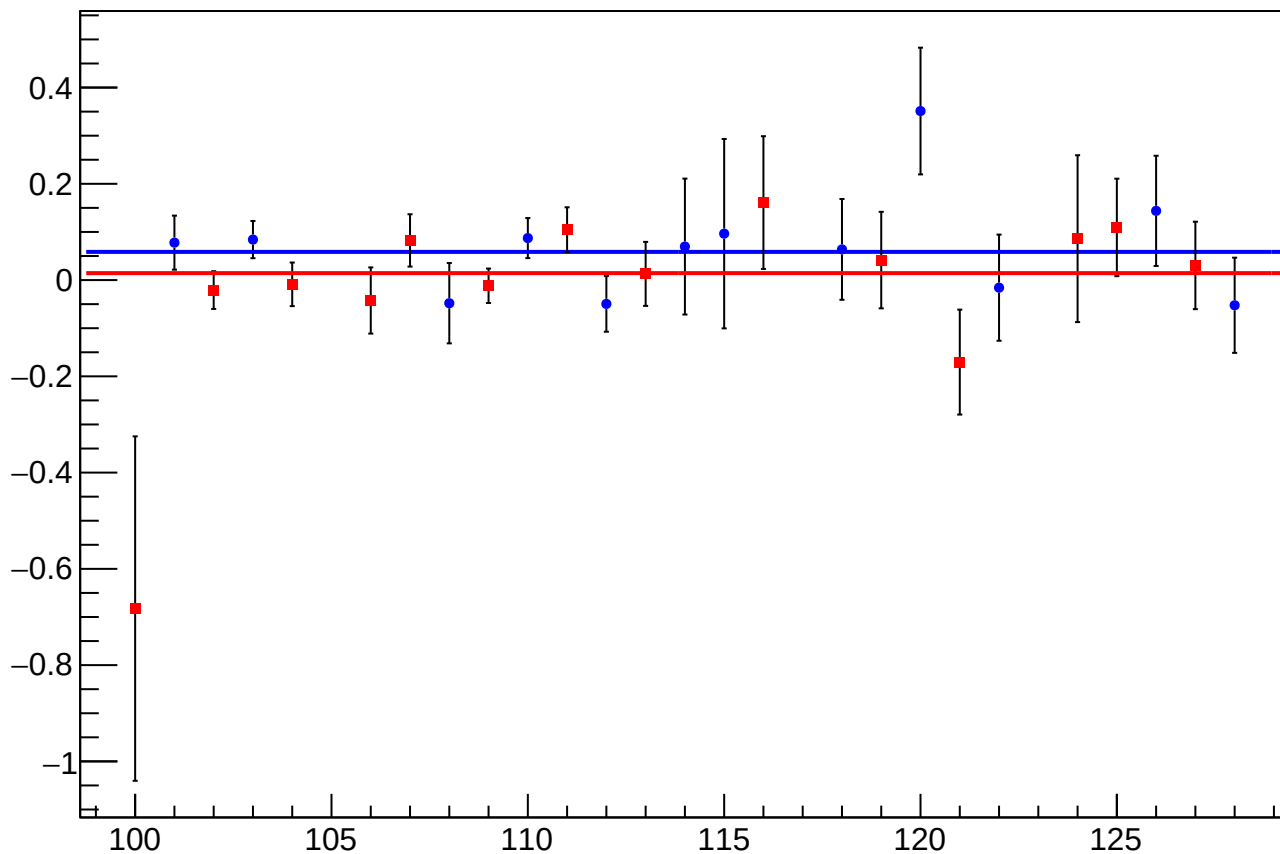
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2774660.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_dit_vs_cor_diff_mean vs Slug



Right In: 0.059 $\pm$ 0.020 χ^2 /NDF: 13.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.014 $\pm$ 0.017 χ^2 /NDF: 16.5/13

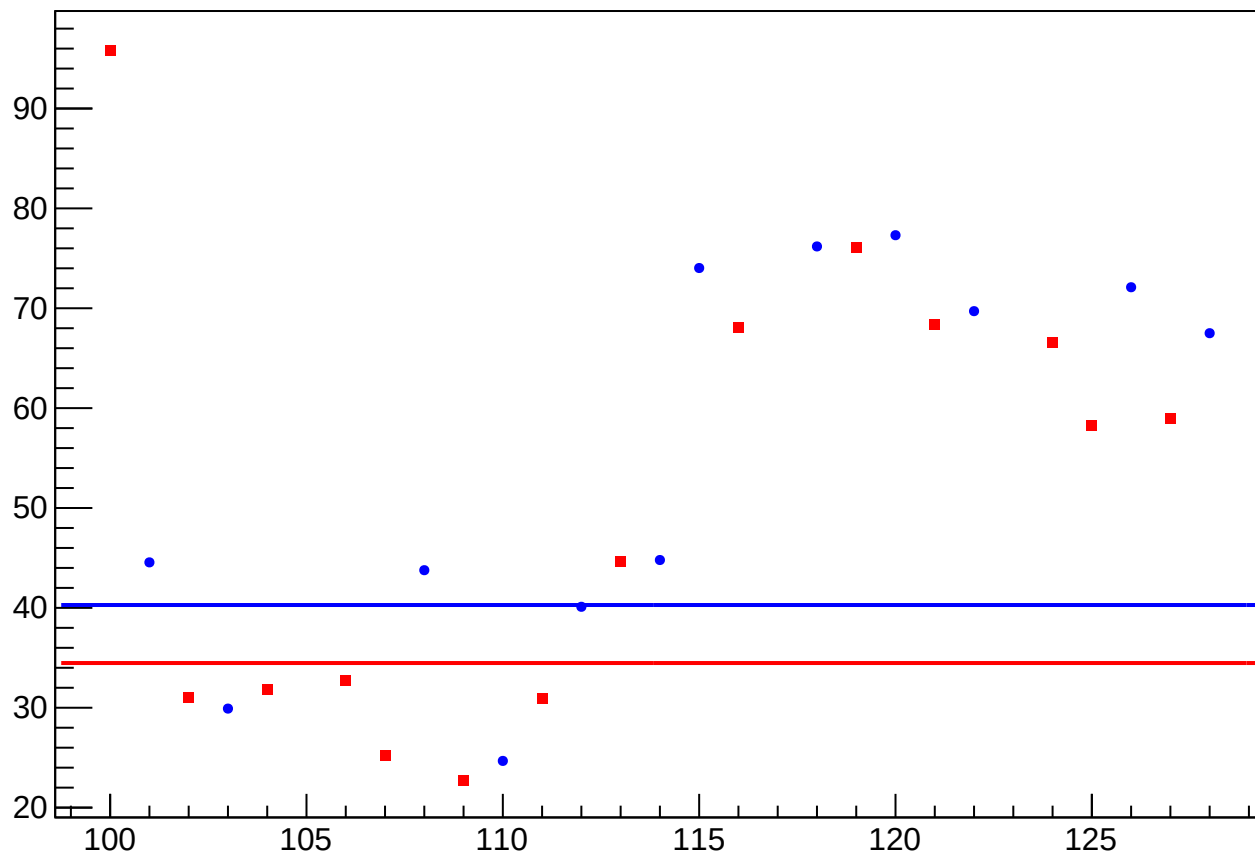
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.032 $\pm$ 0.013 χ^2 /NDF: 32.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_dit_vs_cor_diff_rms vs Slug



Right In: 40.287+/-0.014 χ^2/NDF : 1343069.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.477+/-0.012 χ^2/NDF : 1396792.4/13

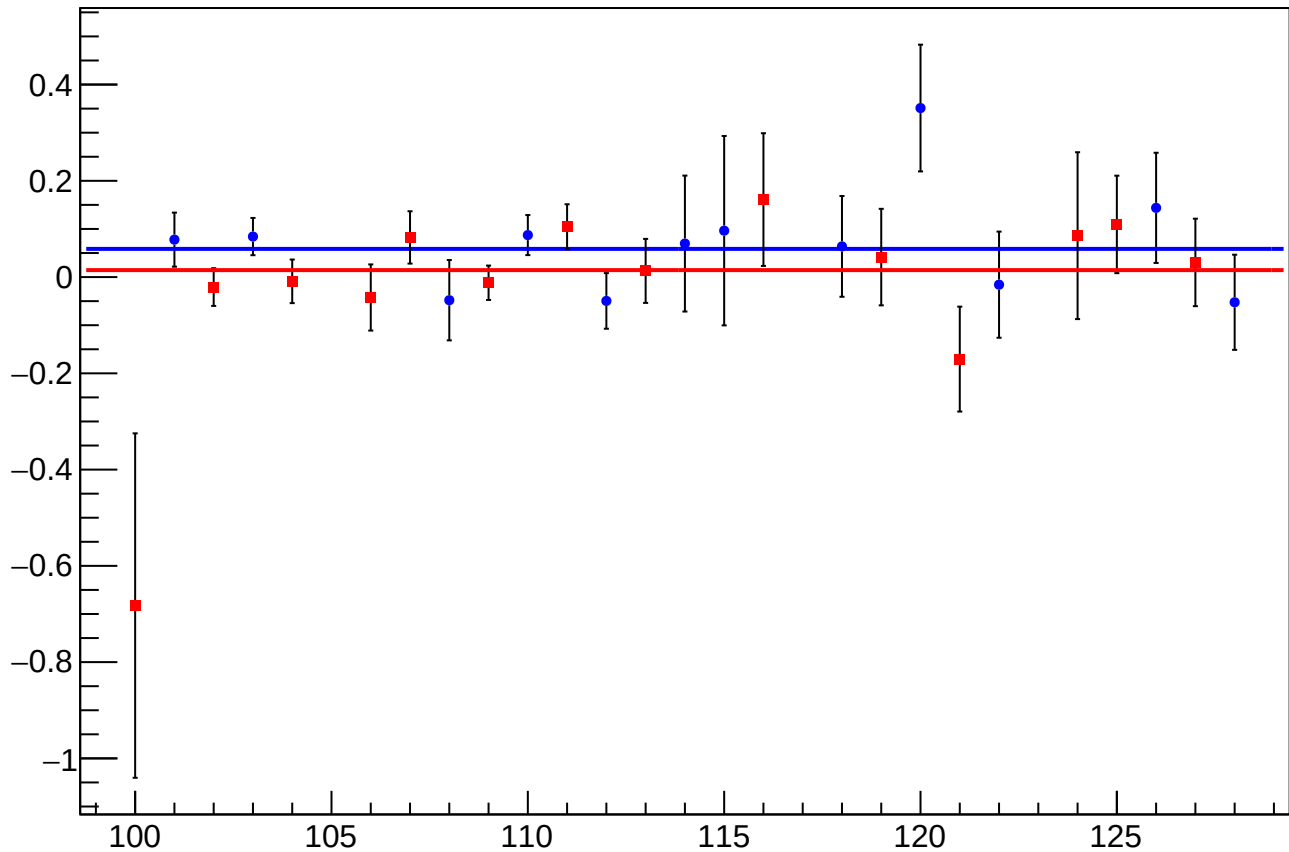
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.832+/-0.009 χ^2/NDF : 2839852.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.059 $\pm$ 0.020 χ^2 /NDF: 13.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.014 $\pm$ 0.017 χ^2 /NDF: 16.5/13

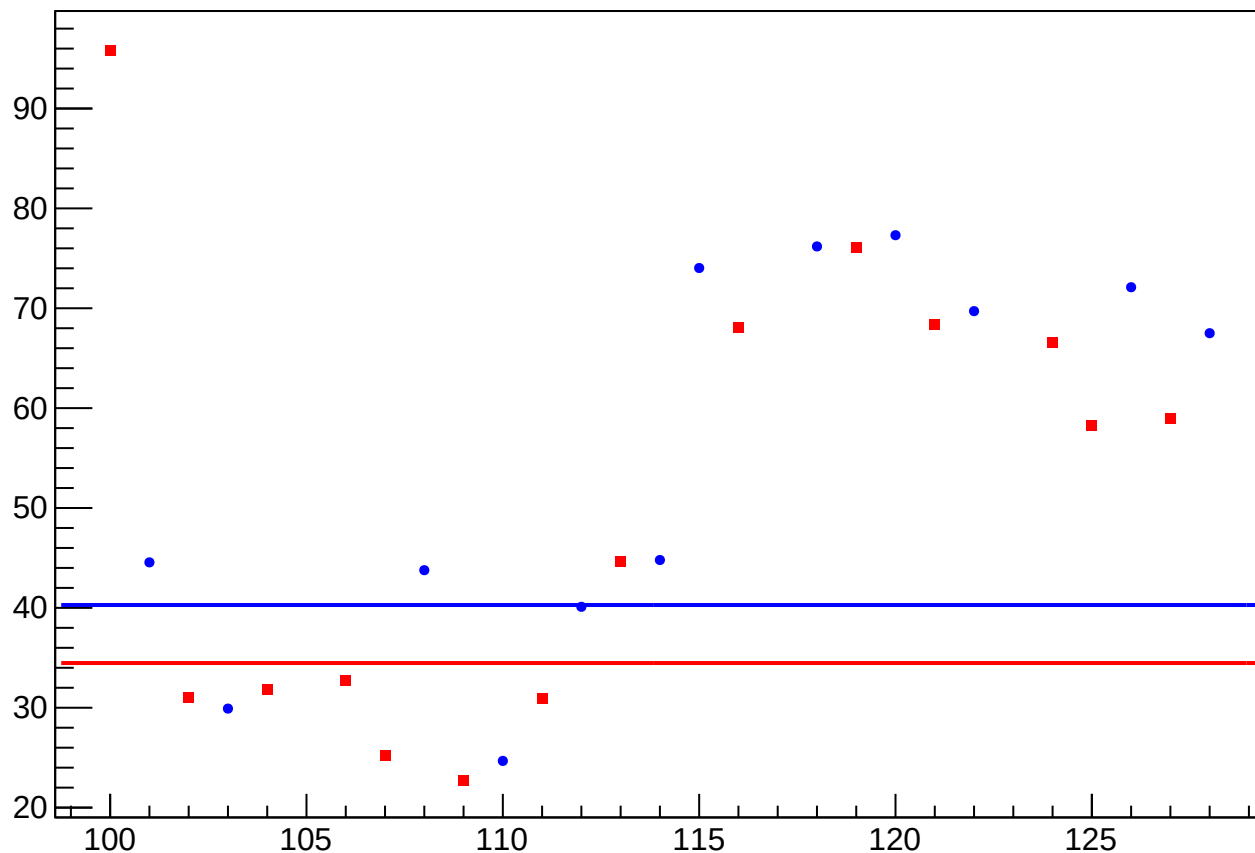
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.032 $\pm$ 0.013 χ^2 /NDF: 32.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 40.287+/-0.014 χ^2/NDF : 1343069.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.477+/-0.012 χ^2/NDF : 1396792.4/13

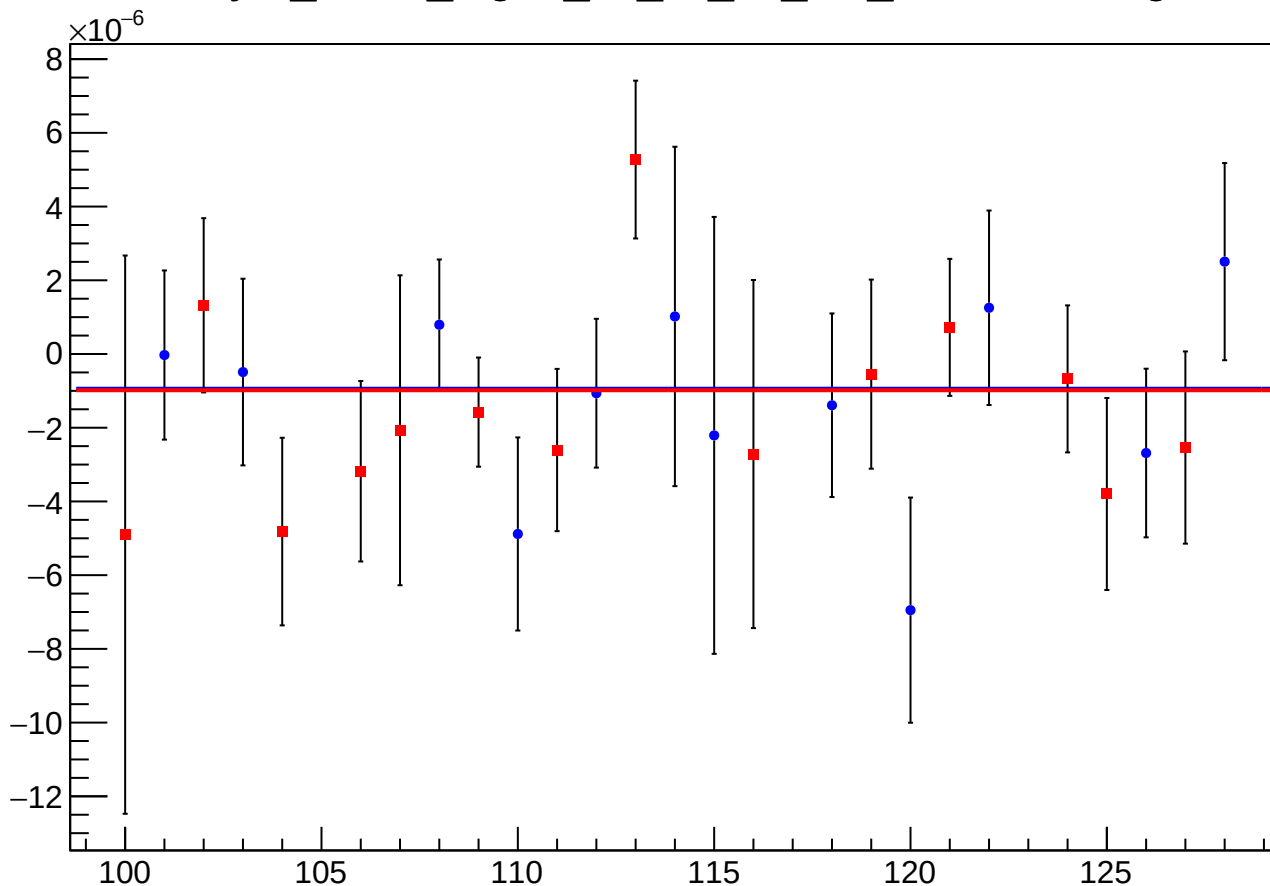
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.832+/-0.009 χ^2/NDF : 2839852.4/25

- 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: 10.5/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 16.2/13

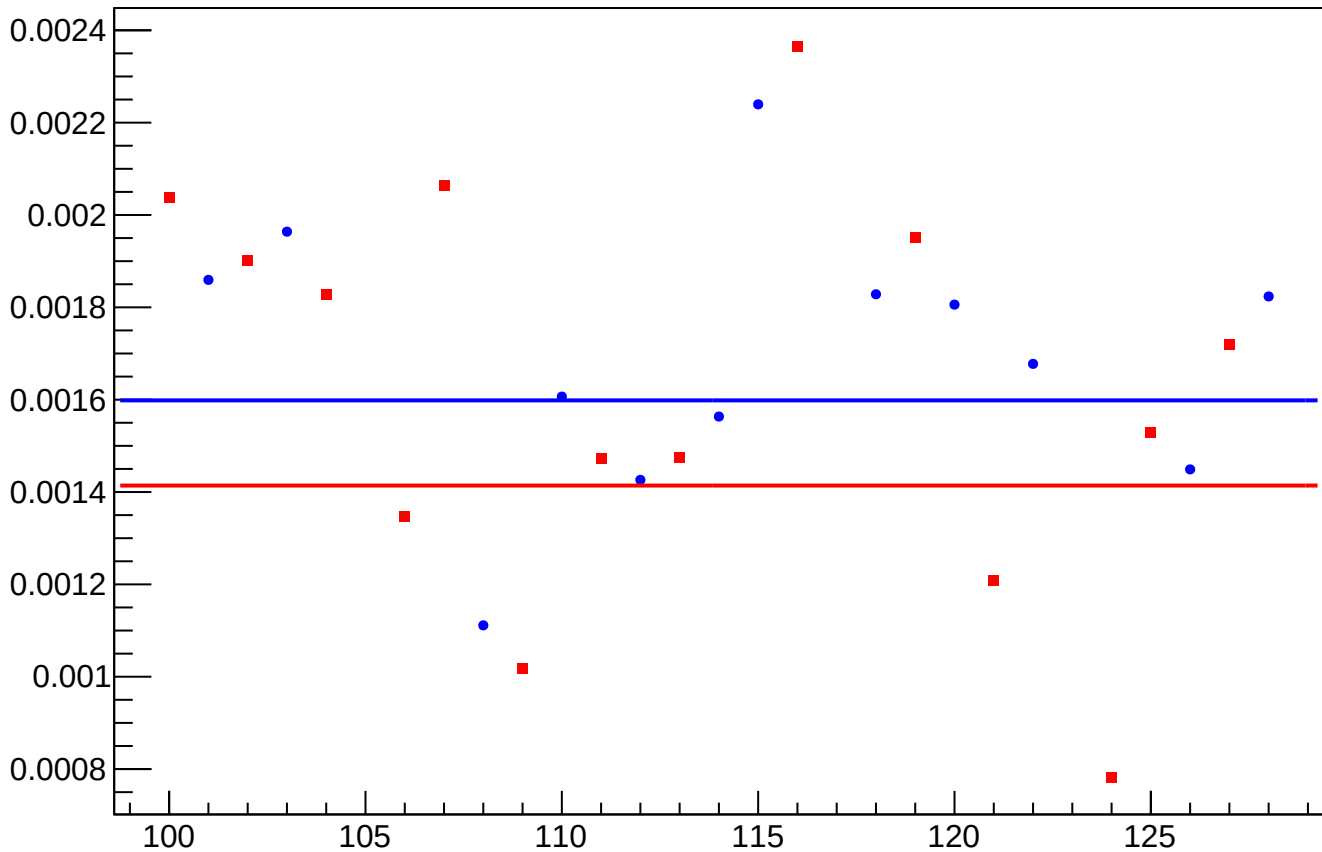
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 26.7/25

- 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 : 307948.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 772296.7/13

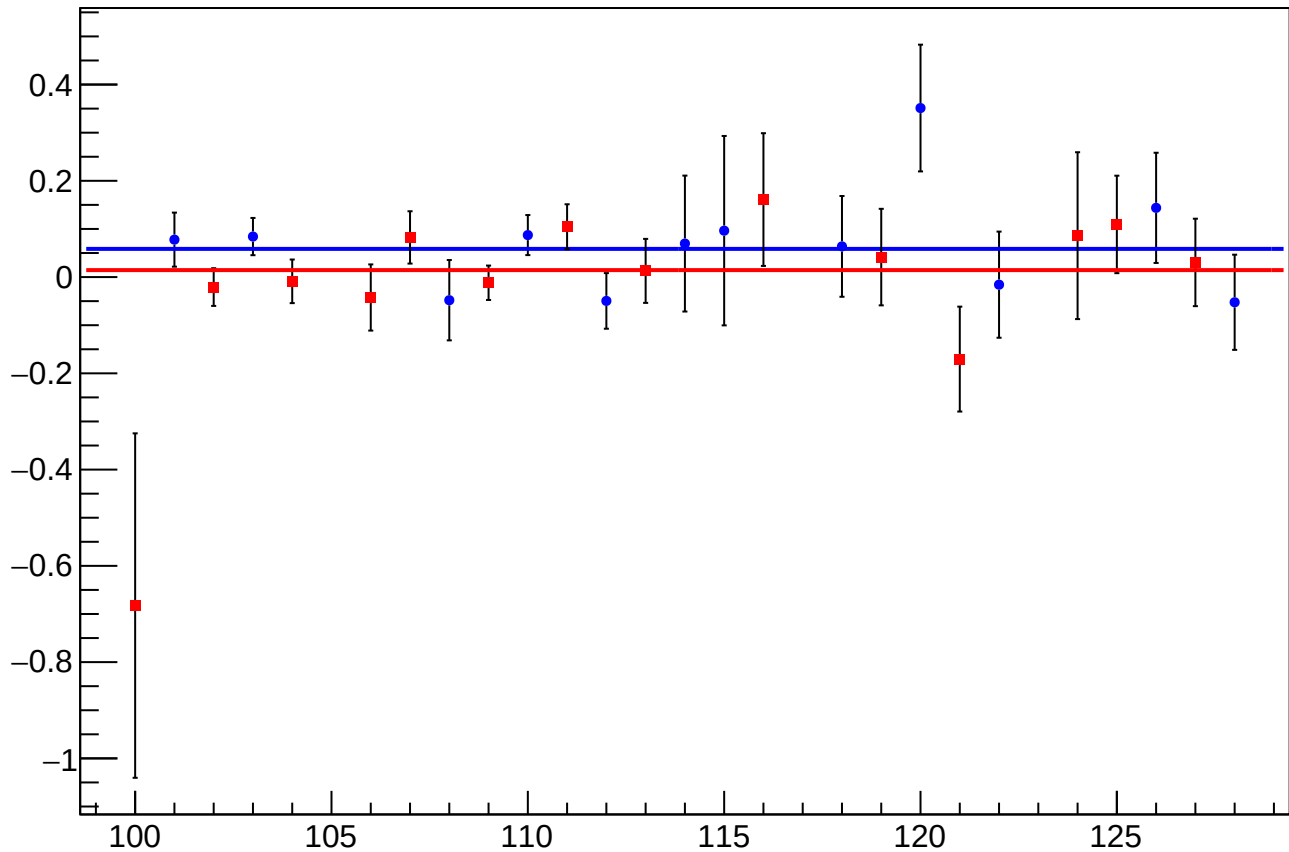
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1153007.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.059 $\pm$ 0.020 χ^2 /NDF: 13.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.014 $\pm$ 0.017 χ^2 /NDF: 16.5/13

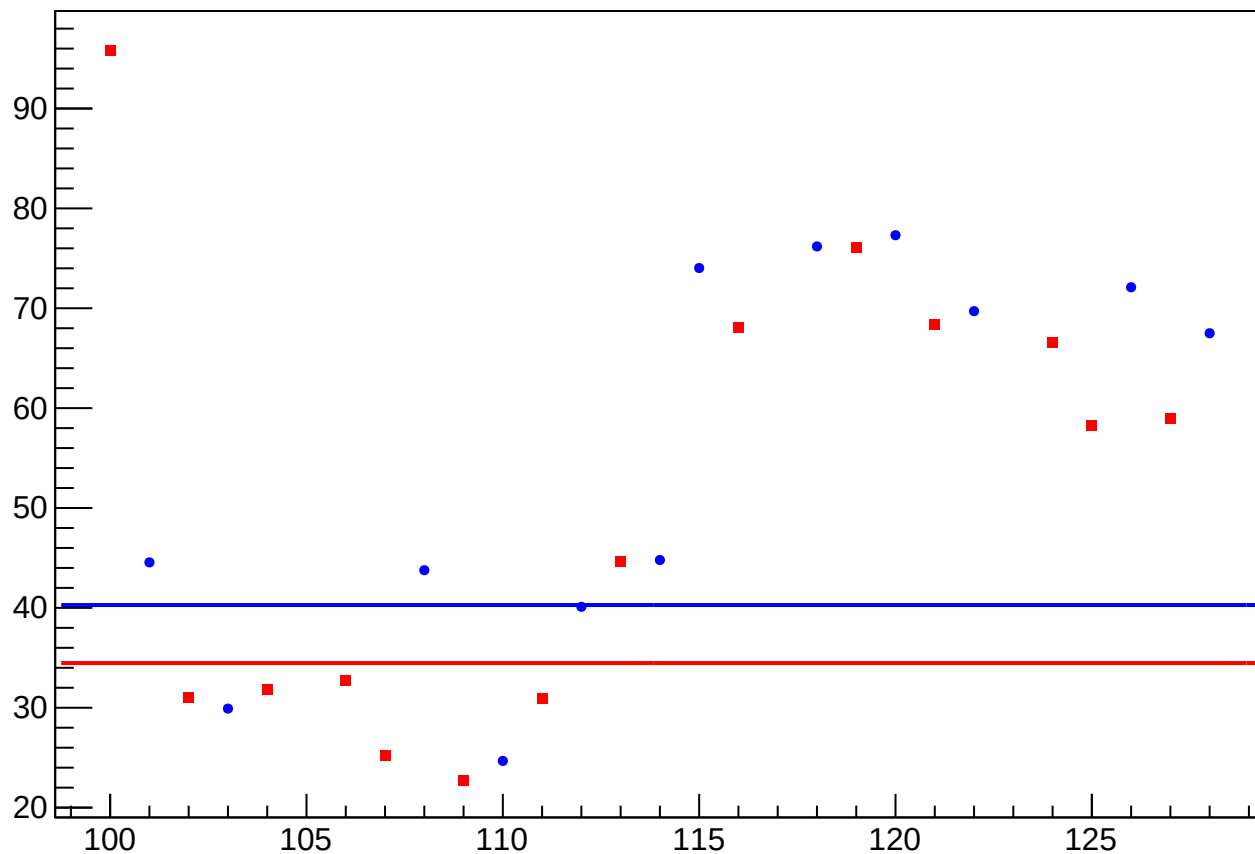
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.032 $\pm$ 0.013 χ^2 /NDF: 32.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 40.286+/-0.014 χ^2/NDF : 1343076.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.477+/-0.012 χ^2/NDF : 1396789.2/13

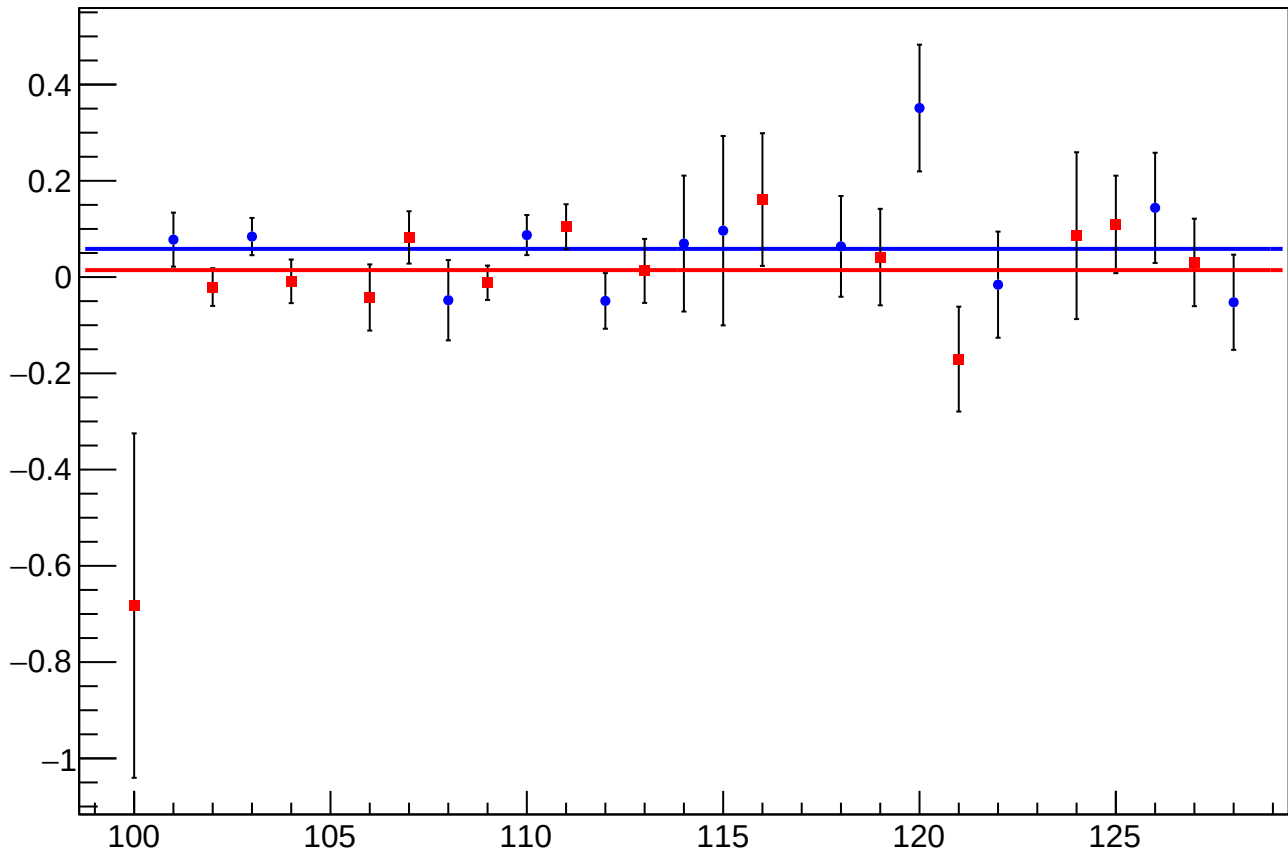
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.832+/-0.009 χ^2/NDF : 2839849.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.059 $\pm$ 0.020 χ^2 /NDF: 13.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.014 $\pm$ 0.017 χ^2 /NDF: 16.5/13

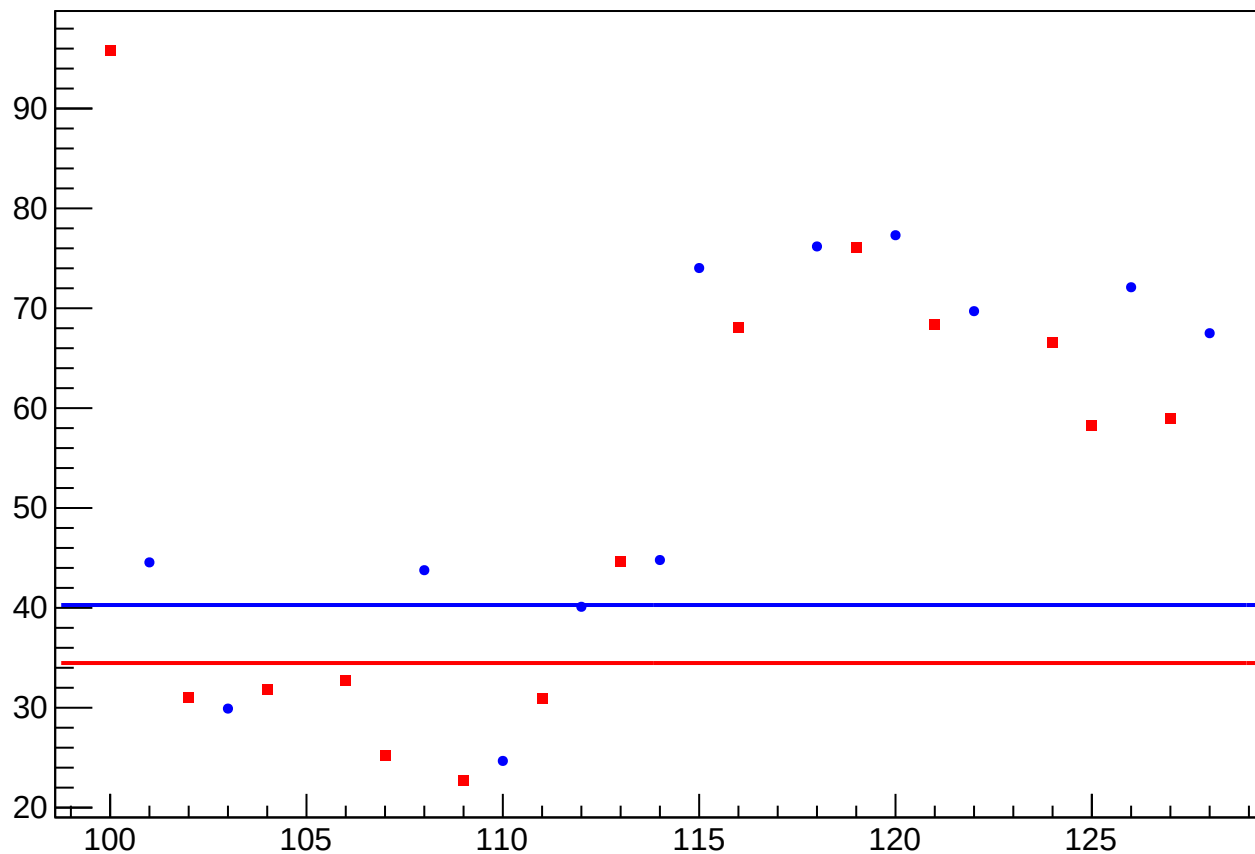
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.032 $\pm$ 0.013 χ^2 /NDF: 32.8/25

- 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: 40.286+/-0.014 χ^2/NDF : 1343076.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.477+/-0.012 χ^2/NDF : 1396789.2/13

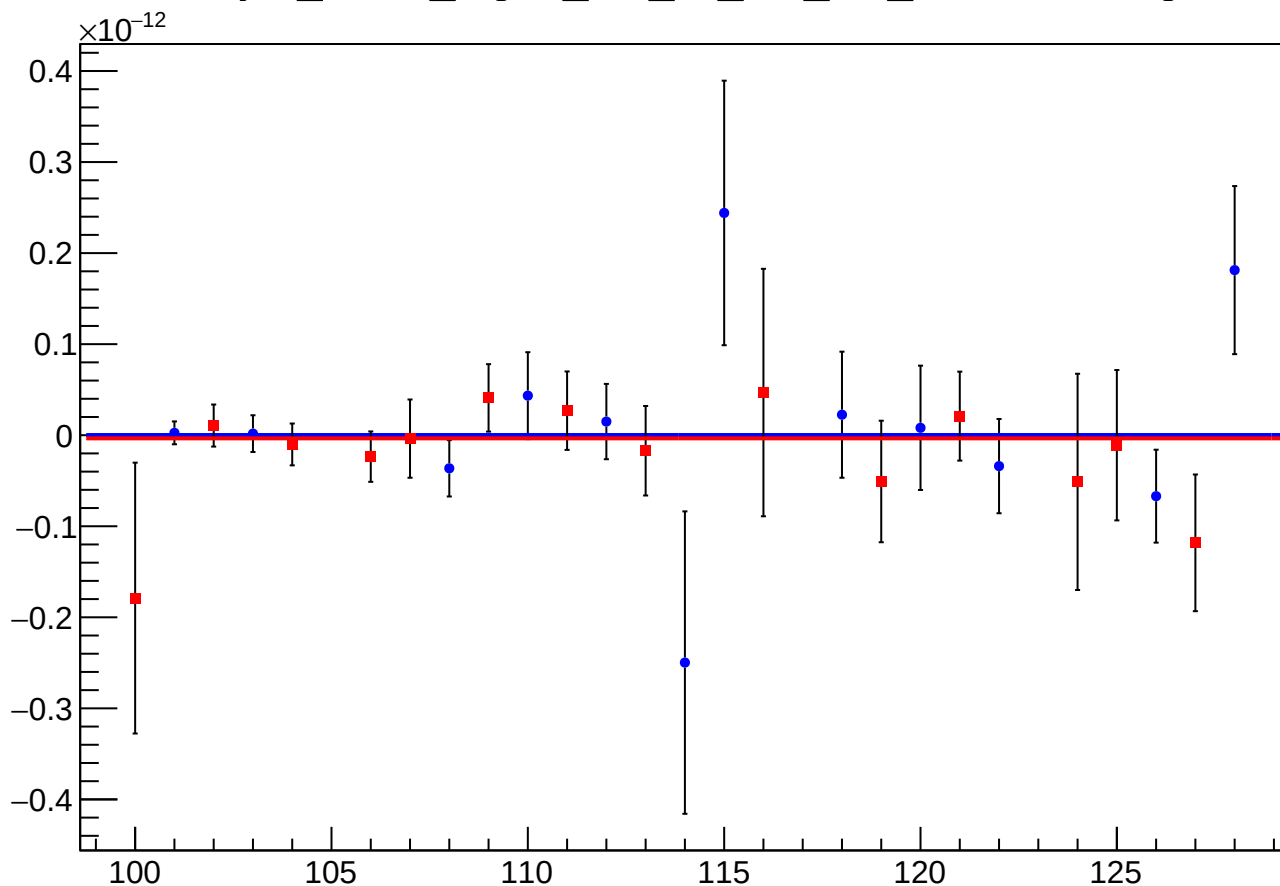
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.832+/-0.009 χ^2/NDF : 2839849.2/25

- 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 : 13.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.8/13

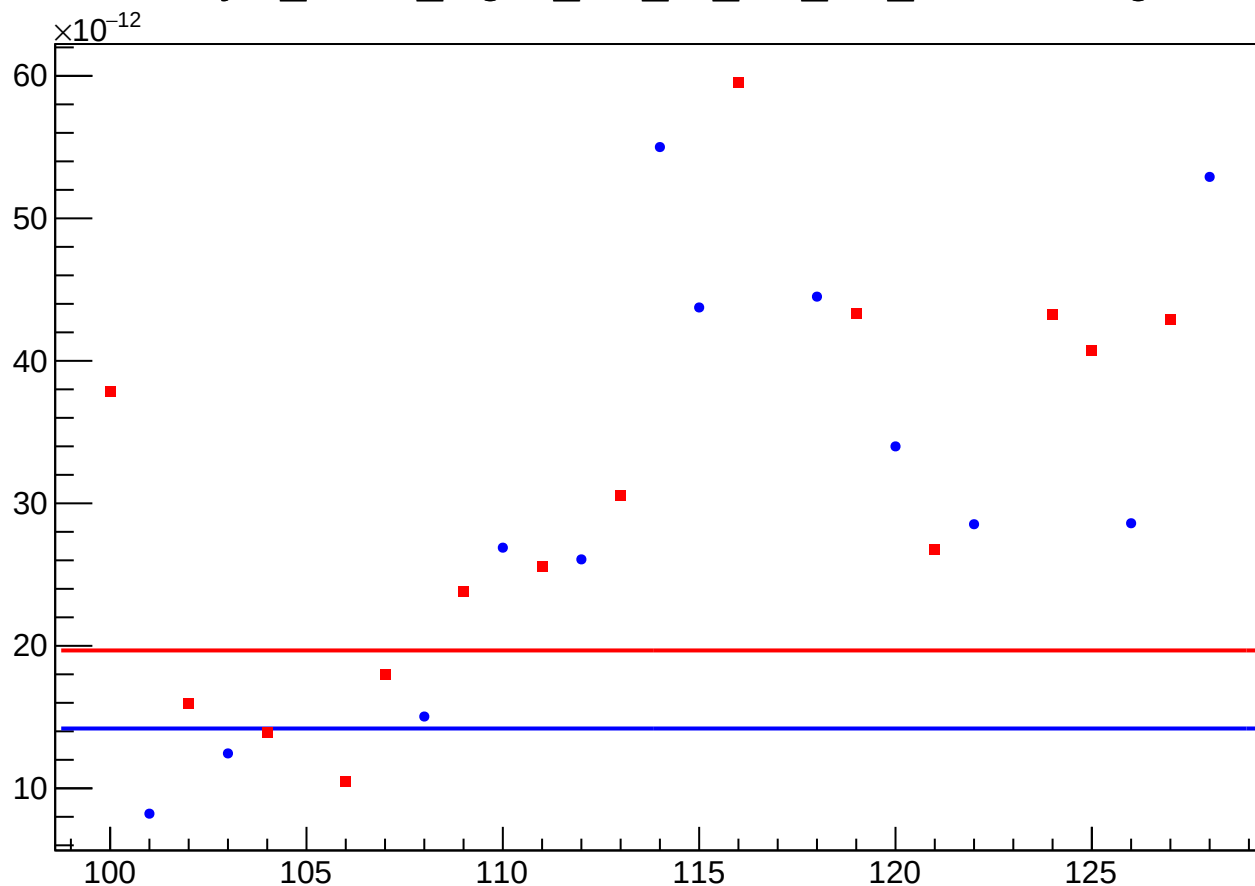
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.5/25

- 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 : 2195869.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1457865.0/13

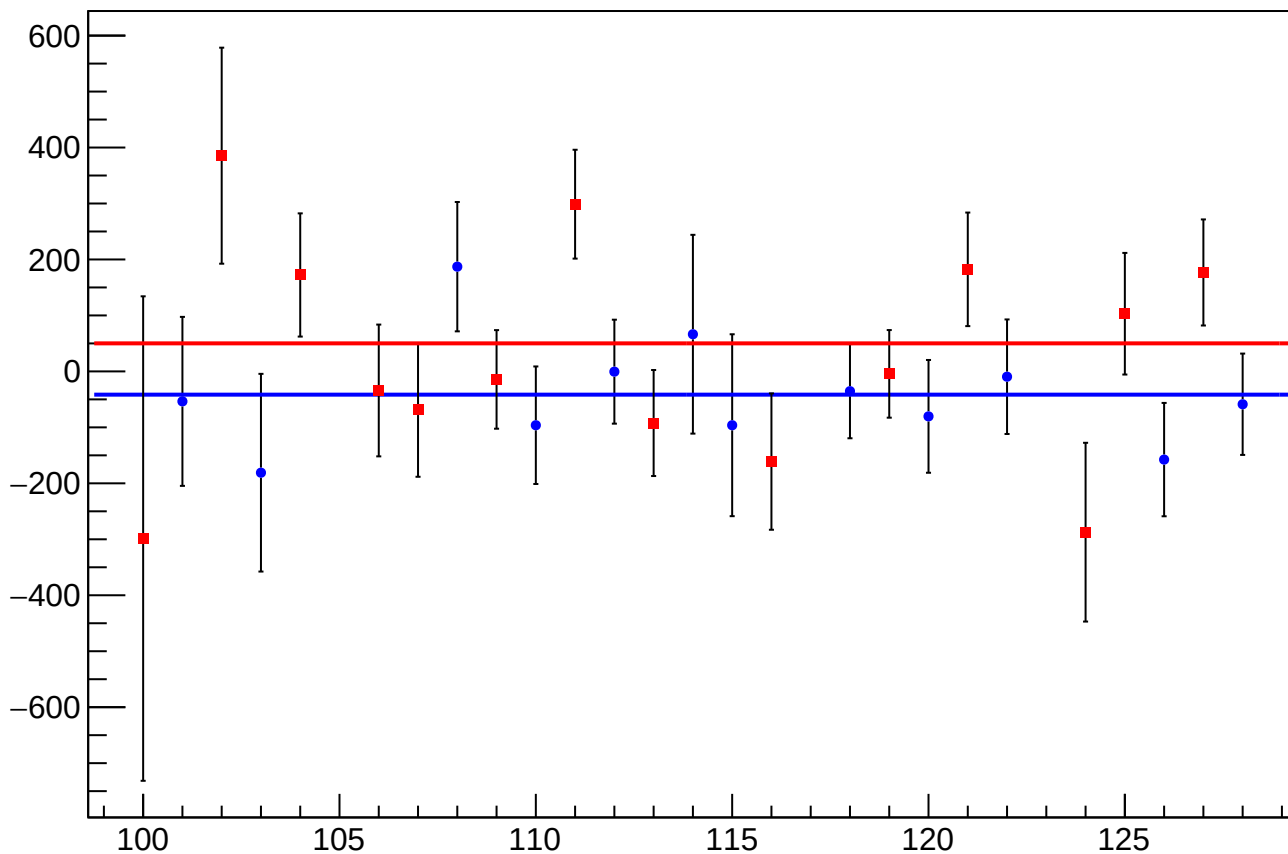
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3953608.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_mean vs Slug



Right In: -41.559 ± 31.916 χ^2/NDF : 7.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 50.102 ± 29.283 χ^2/NDF : 27.4/13

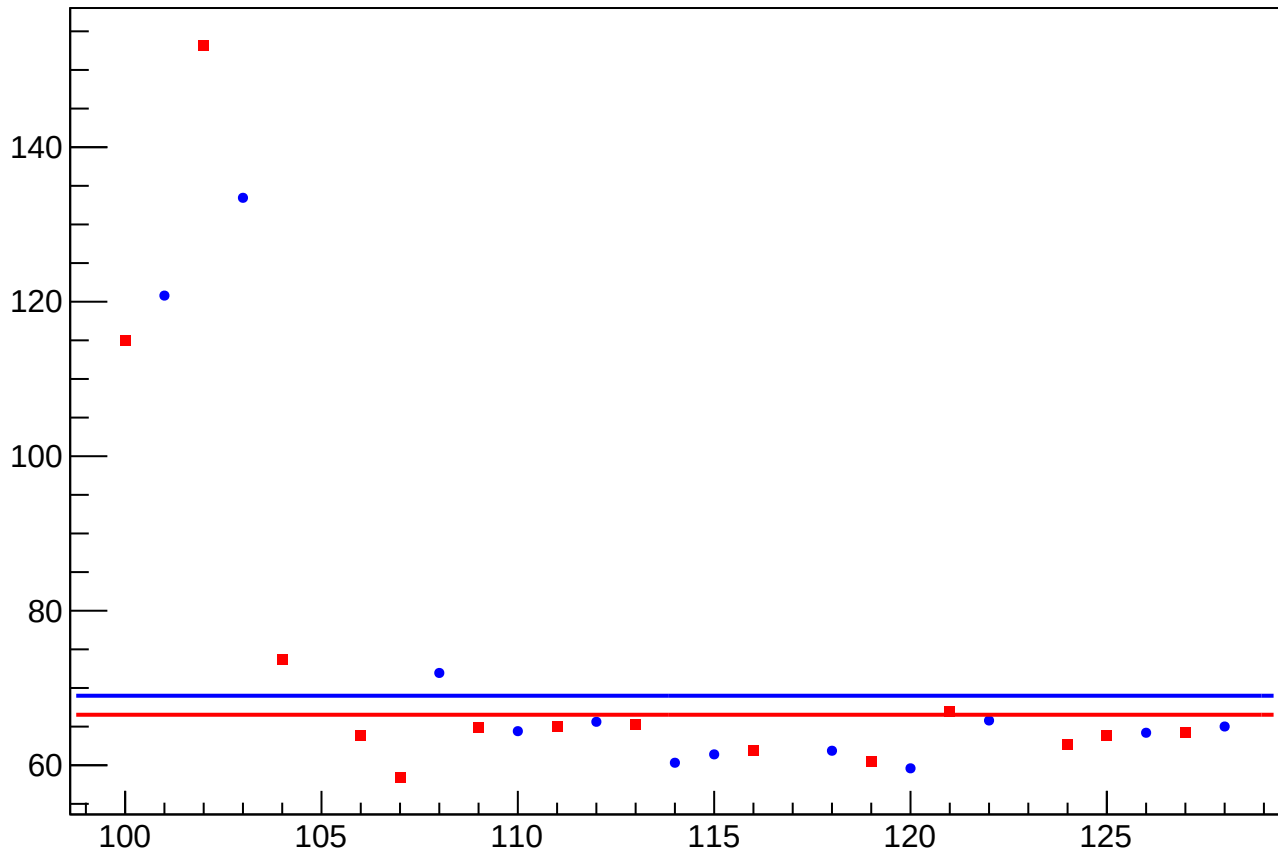
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 8.208 ± 21.577 χ^2/NDF : 39.0/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_rms vs Slug



Right In: 68.996 $\pm$ 0.023 χ^2 /NDF: 560597.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 66.534 $\pm$ 0.021 χ^2 /NDF: 466413.6/13

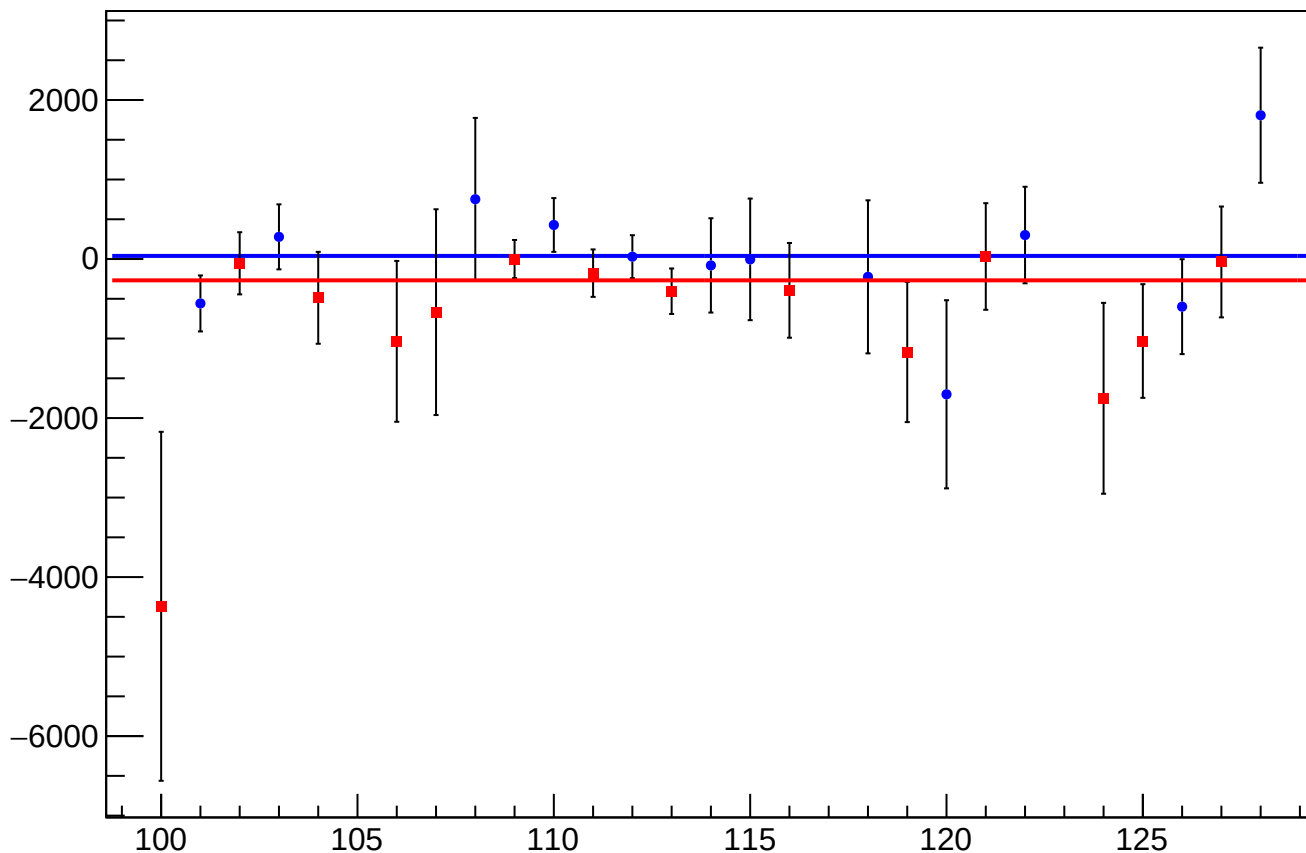
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 67.660 $\pm$ 0.015 χ^2 /NDF: 1033471.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_reg_correction_mean vs Slug



Right In: 39.189+/-140.421 χ^2 /NDF: 13.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -268.136+/-125.819 χ^2 /NDF: 10.2/13

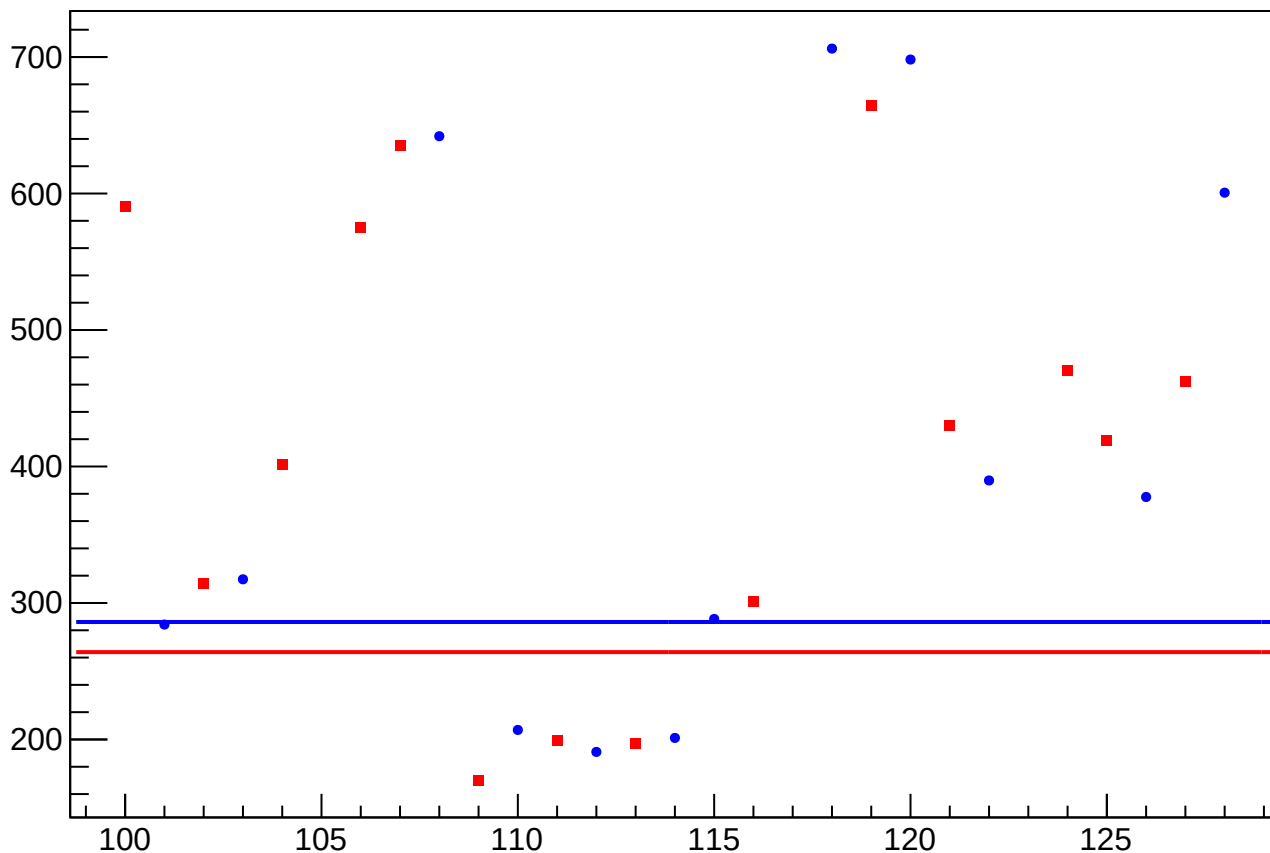
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -131.279+/-93.706 χ^2 /NDF: 25.9/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam7_reg_correction_rms vs Slug



Right In: 286.077+/-0.099 χ^2/NDF : 1656038.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 264.008+/-0.089 χ^2/NDF : 1913199.5/13

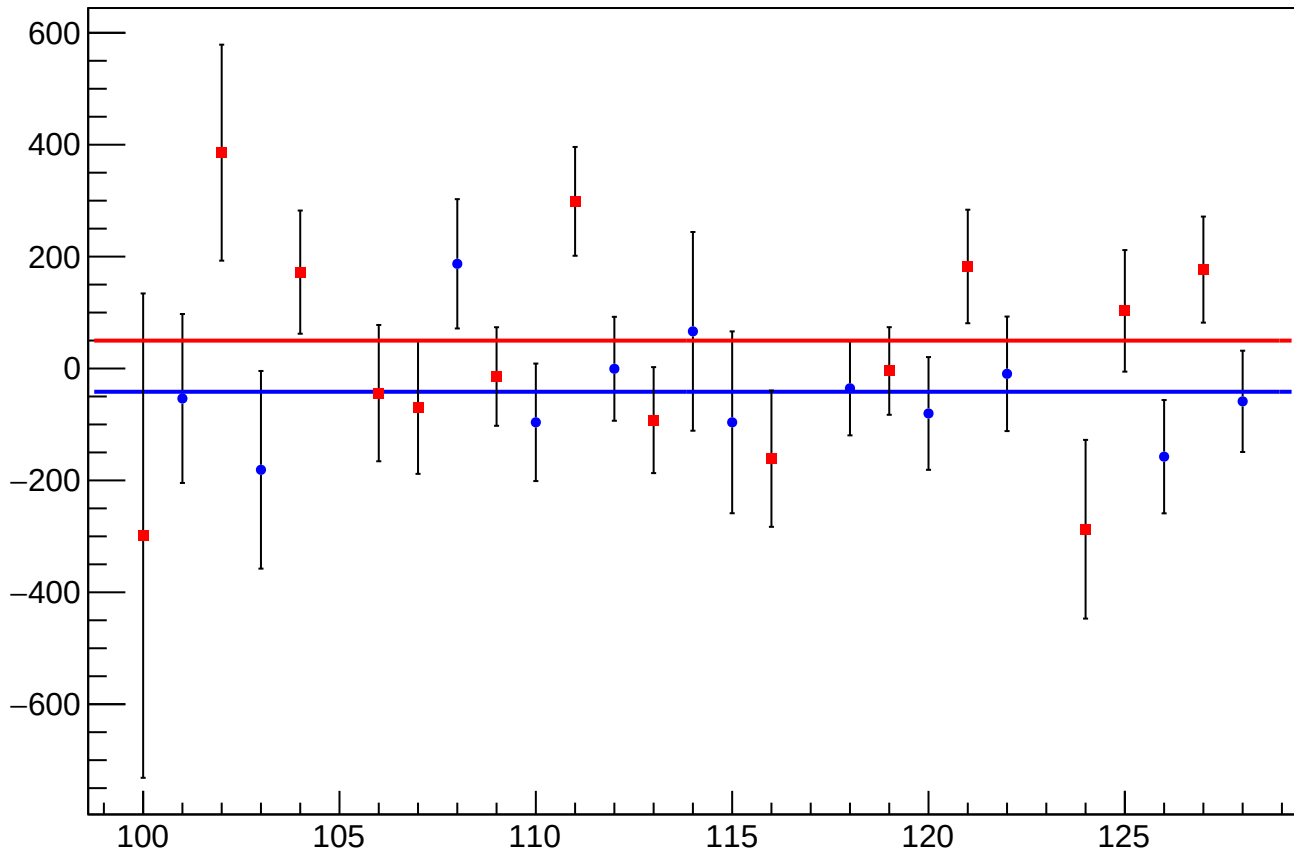
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 273.836+/-0.066 χ^2/NDF : 3596639.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam7_mean vs Slug



Right In: -41.559 ± 31.916 χ^2/NDF : 7.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 49.872 ± 29.343 χ^2/NDF : 27.5/13

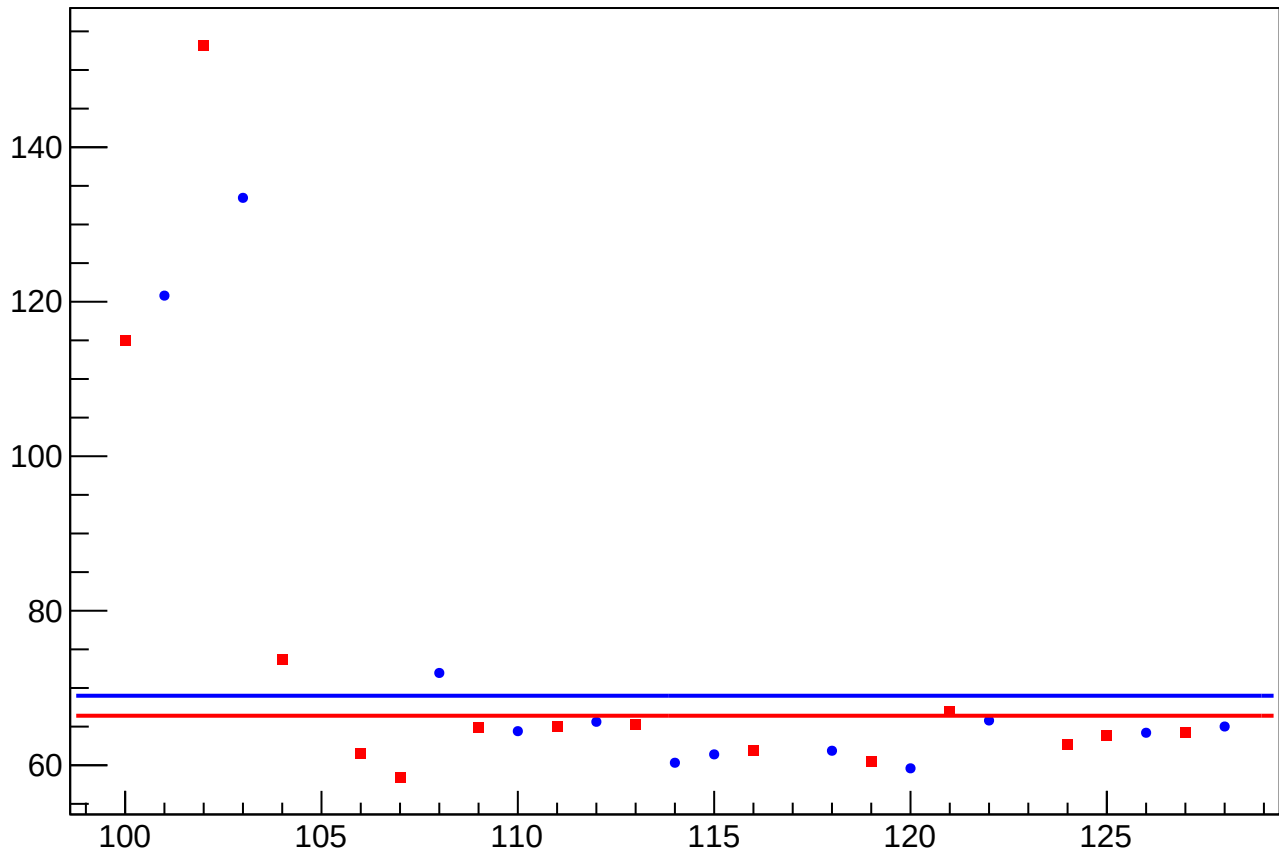
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 7.991 ± 21.601 χ^2/NDF : 39.0/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam7_rms vs Slug



Right In: 68.996 ± 0.023 $\chi^2/\text{NDF}: 560597.7/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 66.408 ± 0.021 $\chi^2/\text{NDF}: 468754.7/13$

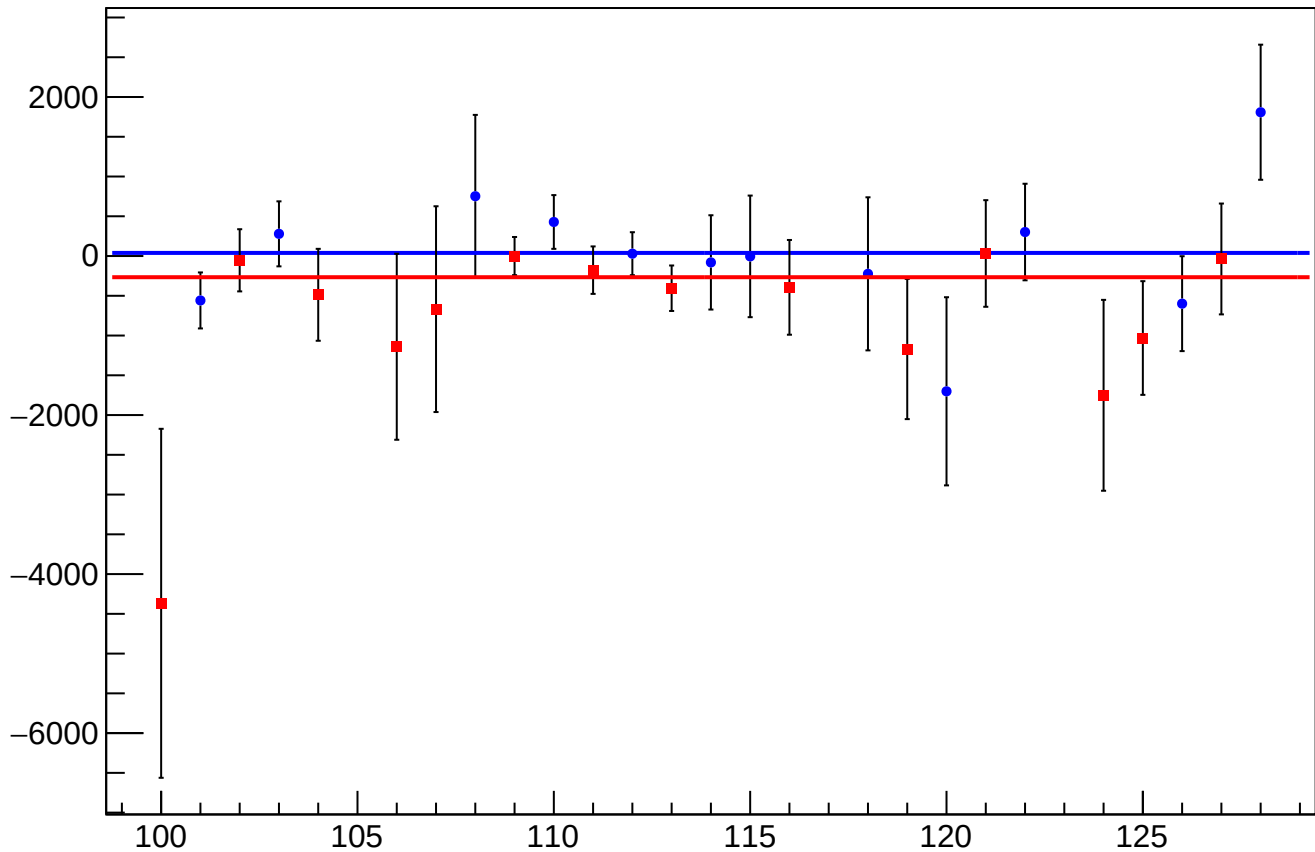
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 67.594 ± 0.015 $\chi^2/\text{NDF}: 1036480.1/25$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam7_cor_correction_mean vs Slug



Right In: 39.196+/-140.422 χ^2/NDF : 13.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -266.371+/-126.071 χ^2/NDF : 10.2/13

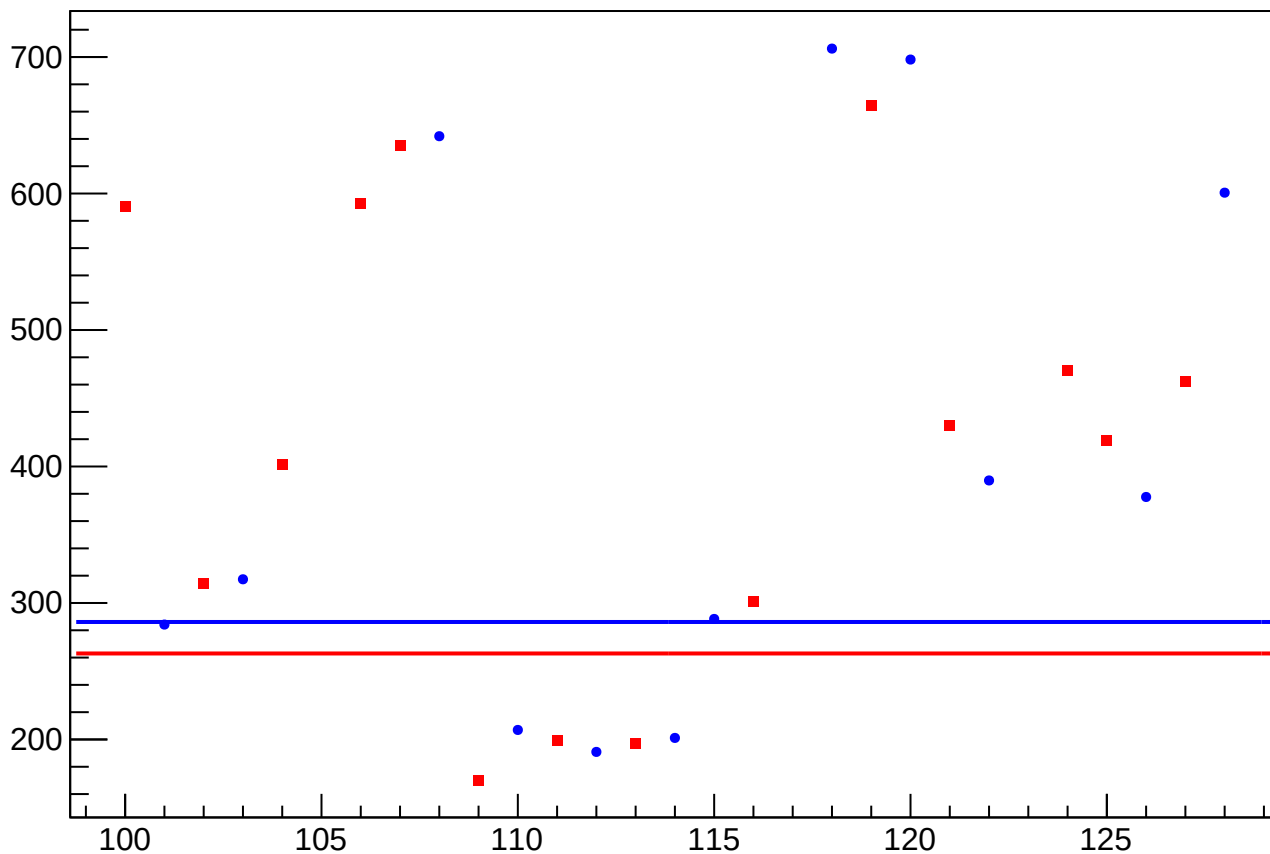
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -129.996+/-93.810 χ^2/NDF : 25.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_cor_correction_rms vs Slug



Right In: 286.079+/-0.099 χ^2/NDF : 1656054.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 263.007+/-0.089 χ^2/NDF : 1882241.2/13

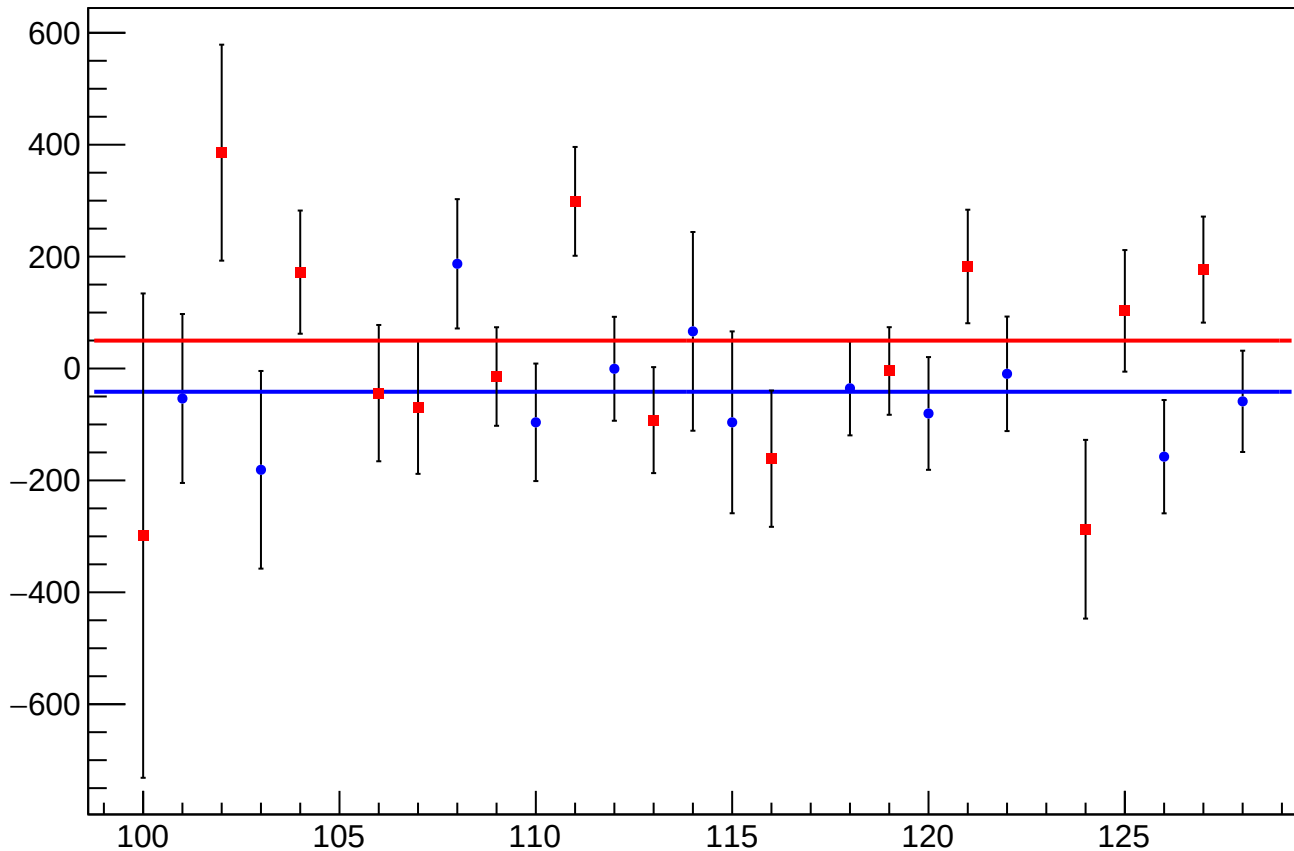
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 273.304+/-0.066 χ^2/NDF : 3568190.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam7_mean vs Slug



Right In: -41.559 ± 31.916 χ^2/NDF : 7.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 49.872 ± 29.343 χ^2/NDF : 27.5/13

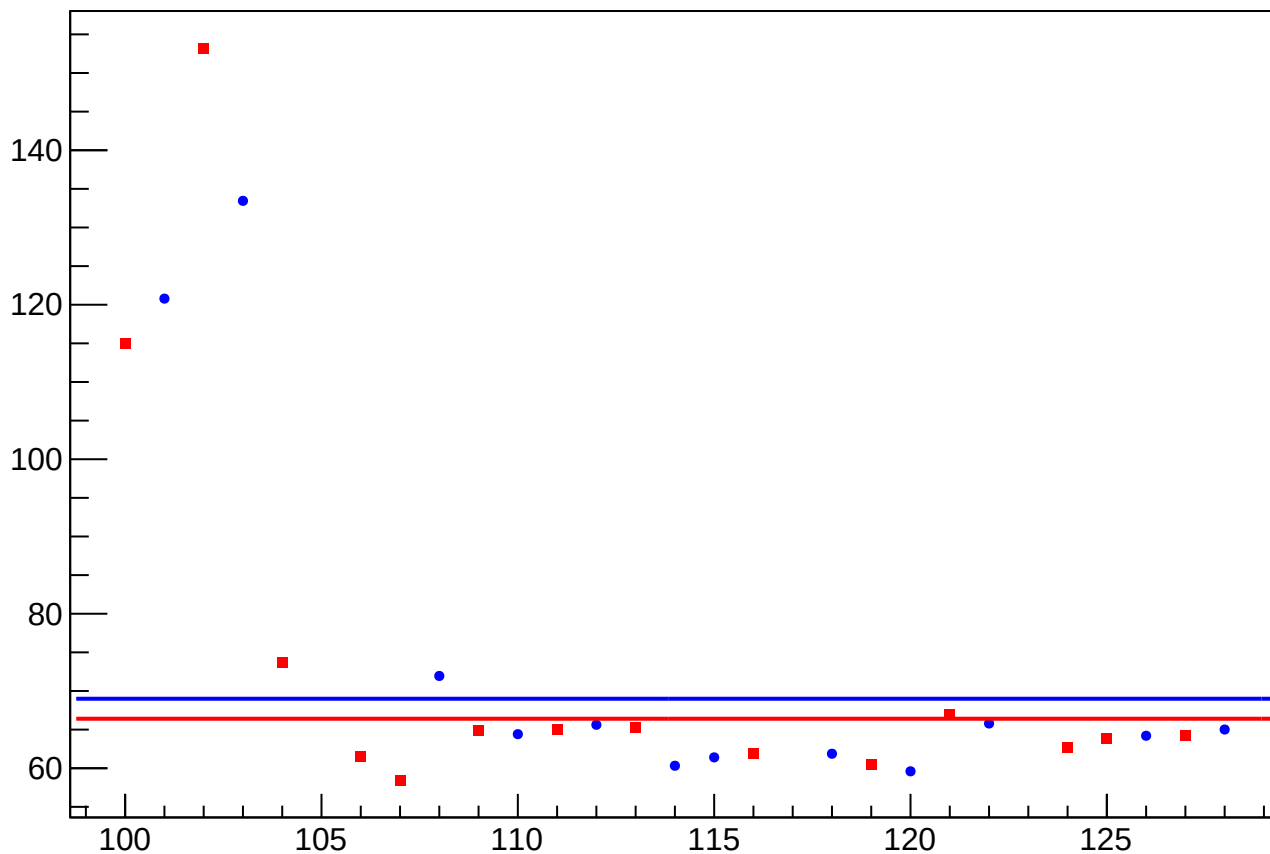
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 7.991 ± 21.601 χ^2/NDF : 39.0/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam7_rms vs Slug



Right In: 68.996 $\pm$ 0.023 χ^2 /NDF: 560597.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 66.408 $\pm$ 0.021 χ^2 /NDF: 468754.7/13

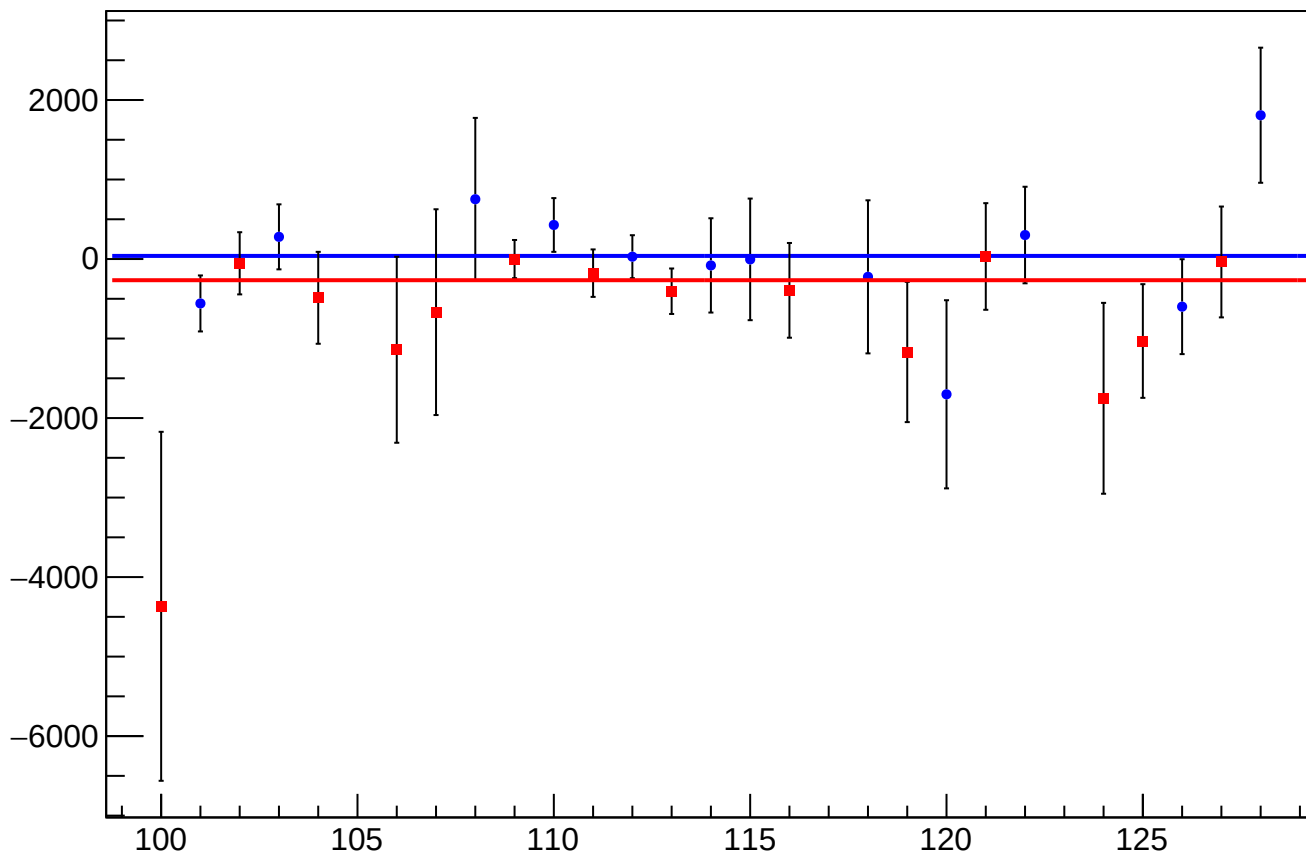
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 67.594 $\pm$ 0.015 χ^2 /NDF: 1036480.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_cor_correction_mean vs Slug



Right In: 39.196+/-140.422 χ^2/NDF : 13.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -266.371+/-126.071 χ^2/NDF : 10.2/13

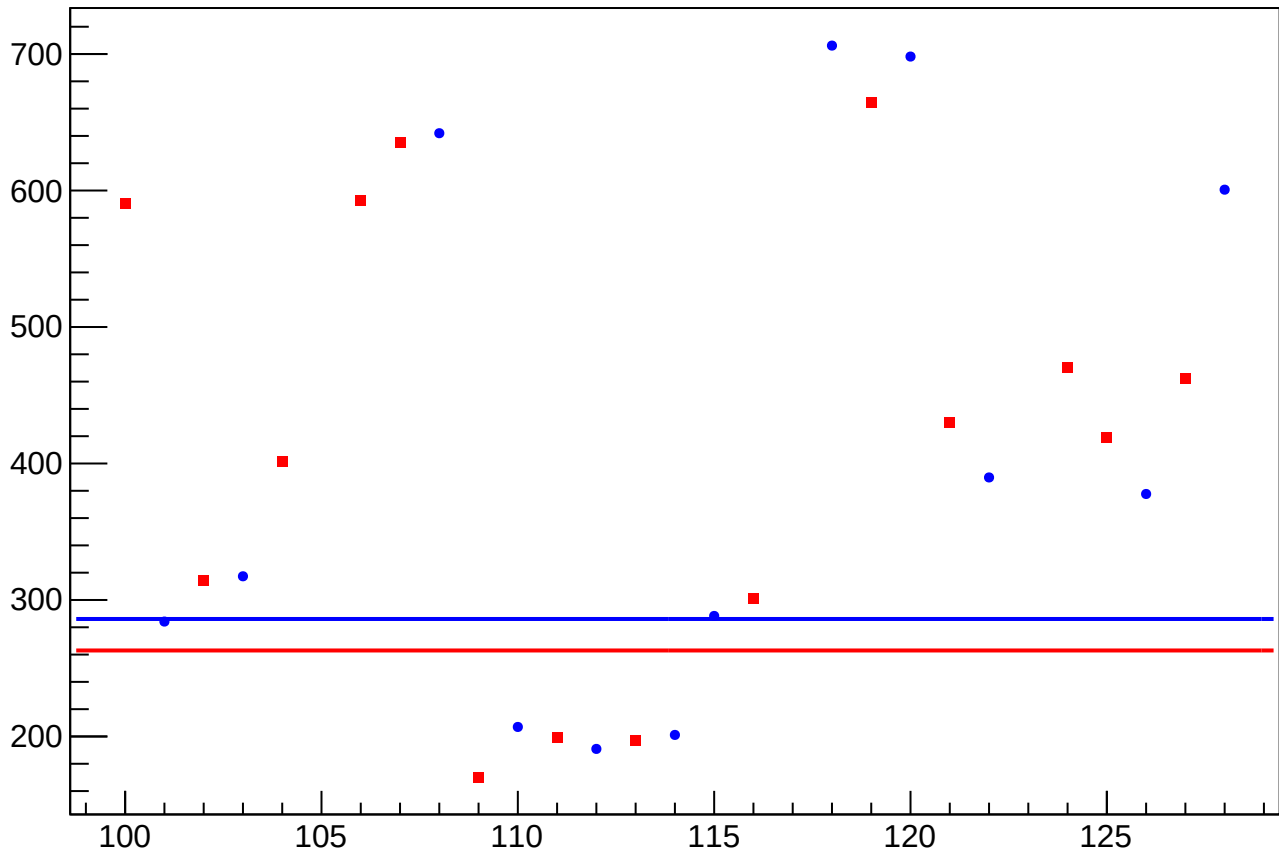
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -129.996+/-93.810 χ^2/NDF : 25.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_cor_correction_rms vs Slug



Right In: 286.079+/-0.099 χ^2/NDF : 1656054.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 263.007+/-0.089 χ^2/NDF : 1882241.2/13

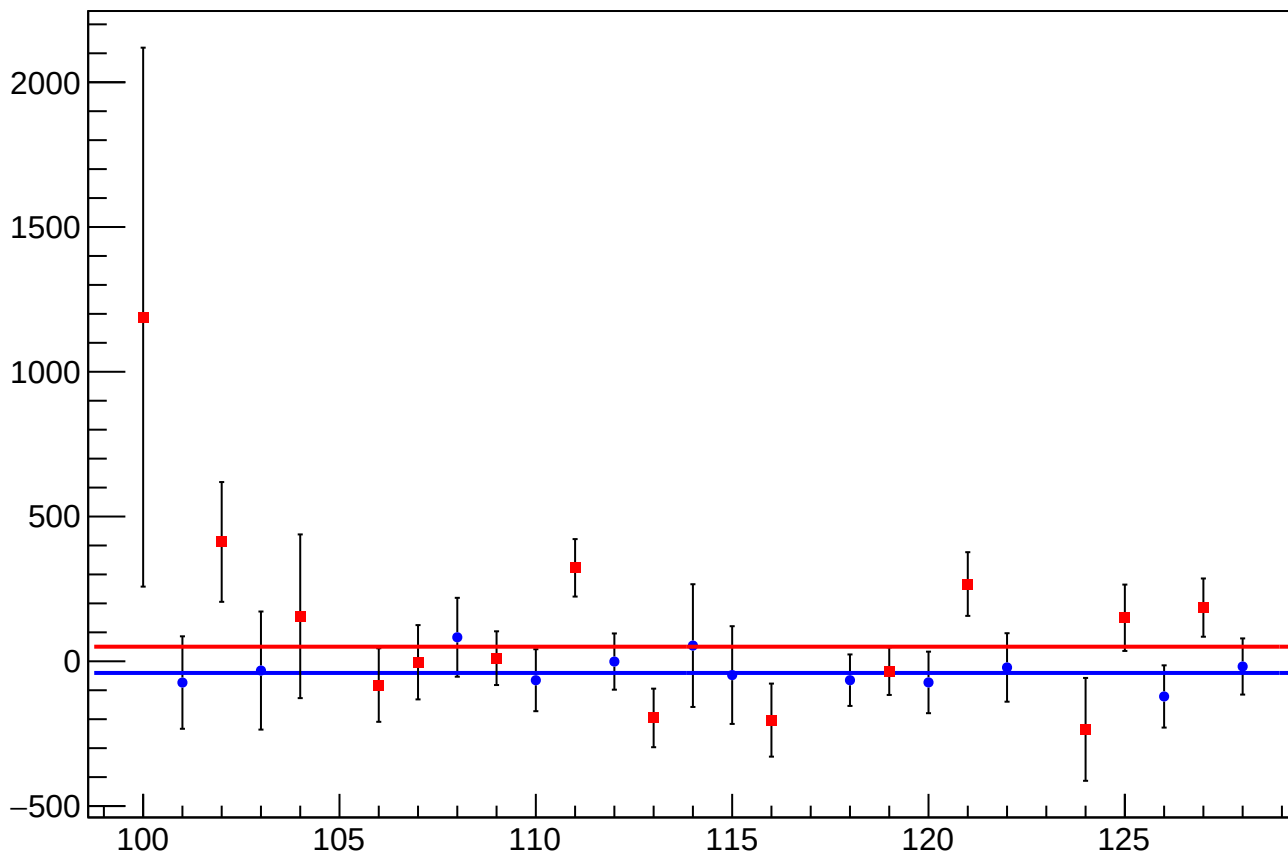
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 273.304+/-0.066 χ^2/NDF : 3568190.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam7_mean vs Slug



Right In: -40.235 ± 34.358 χ^2/NDF : 2.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 50.447 ± 32.032 χ^2/NDF : 33.7/13

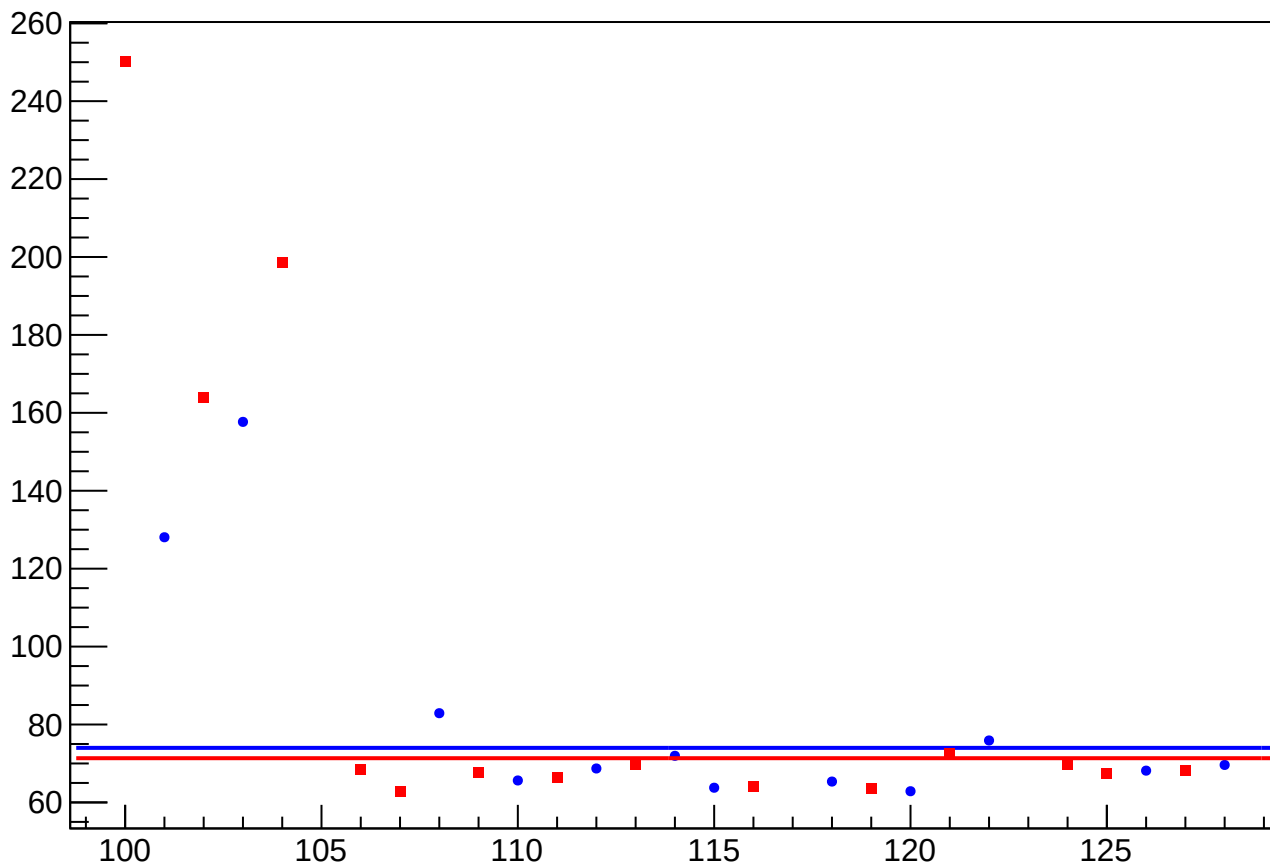
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 8.278 ± 23.429 χ^2/NDF : 39.5/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam7_rms vs Slug



Right In: 74.004 $\pm$ 0.024 χ^2 /NDF: 651449.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 71.350 $\pm$ 0.023 χ^2 /NDF: 927820.4/13

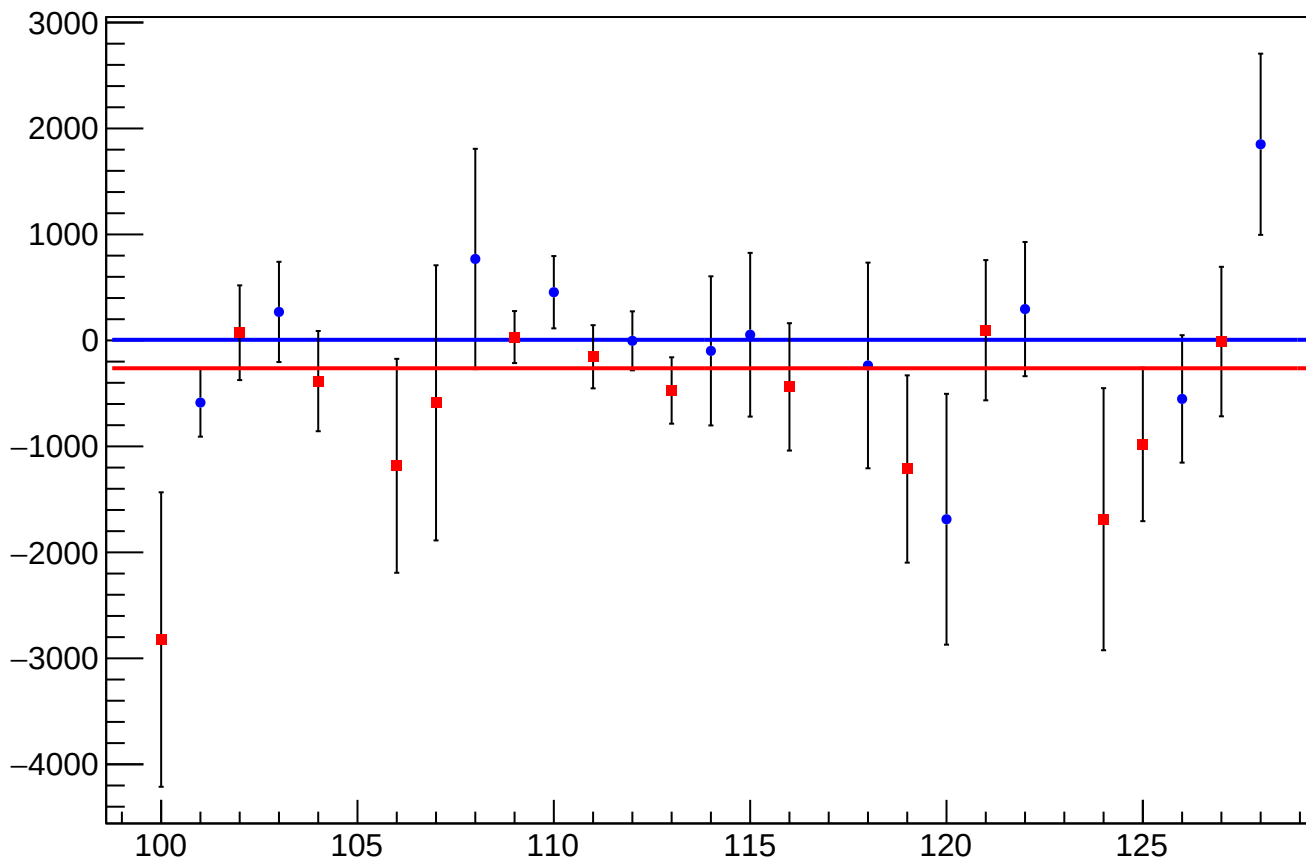
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 72.584 $\pm$ 0.017 χ^2 /NDF: 1585653.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_dit_correction_mean vs Slug



Right In: 5.769+/-143.338 χ^2/NDF : 13.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -262.704+/-128.547 χ^2/NDF : 10.9/13

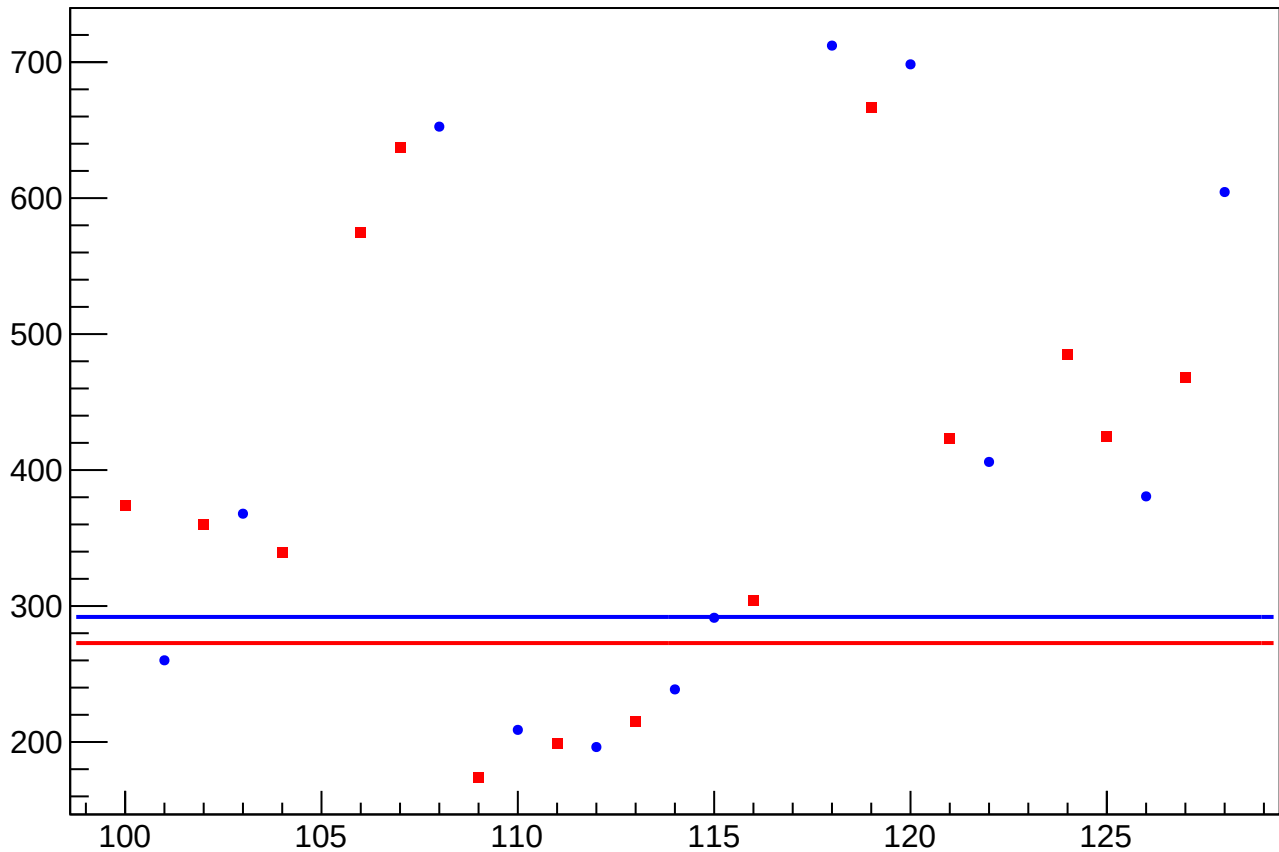
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -143.030+/-95.700 χ^2/NDF : 26.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_dit_correction_rms vs Slug



Right In: 291.977 $\pm$ 0.101 χ^2 /NDF: 1664811.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 272.756 $\pm$ 0.091 χ^2 /NDF: 1782487.7/13

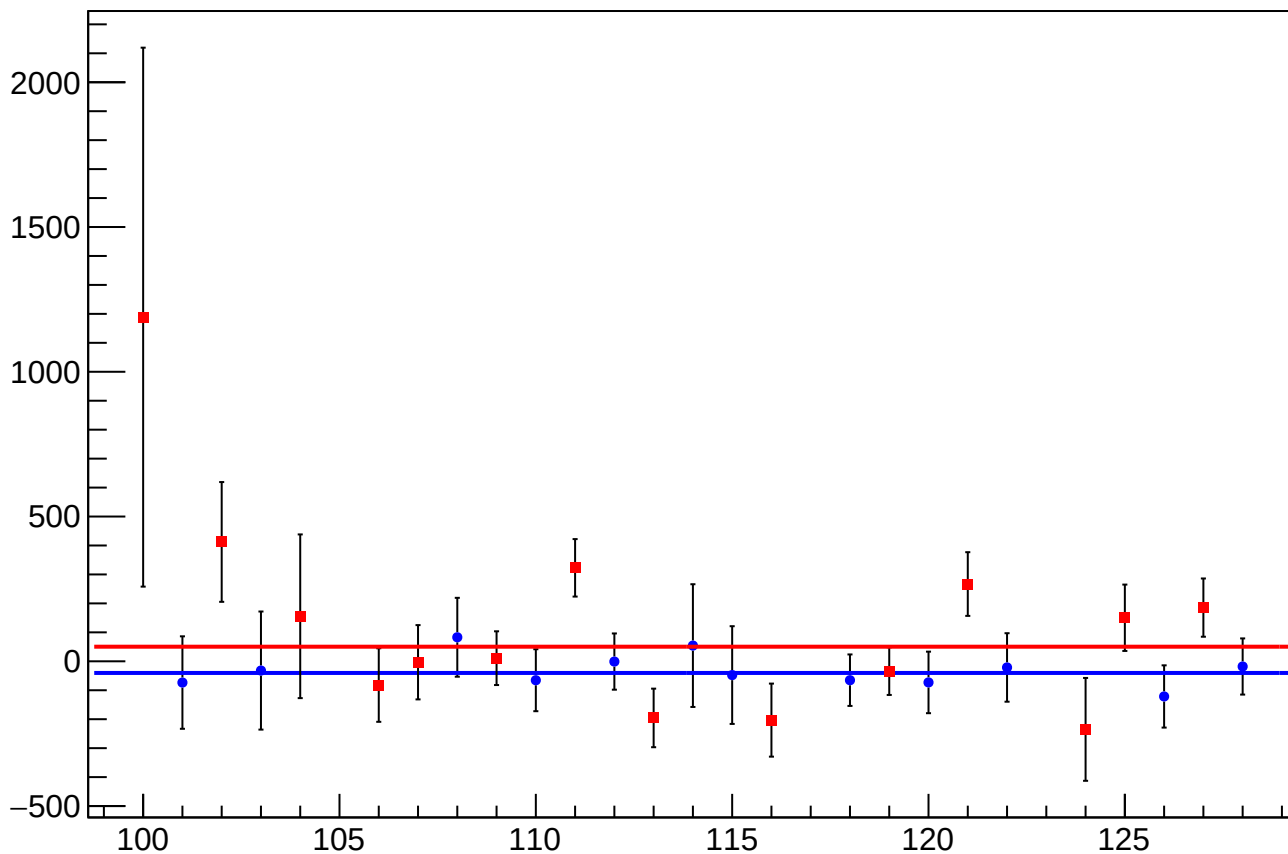
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 281.324 $\pm$ 0.068 χ^2 /NDF: 3467230.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam7_mean vs Slug



Right In: -40.236 ± 34.358 χ^2/NDF : 2.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 50.449 ± 32.032 χ^2/NDF : 33.7/13

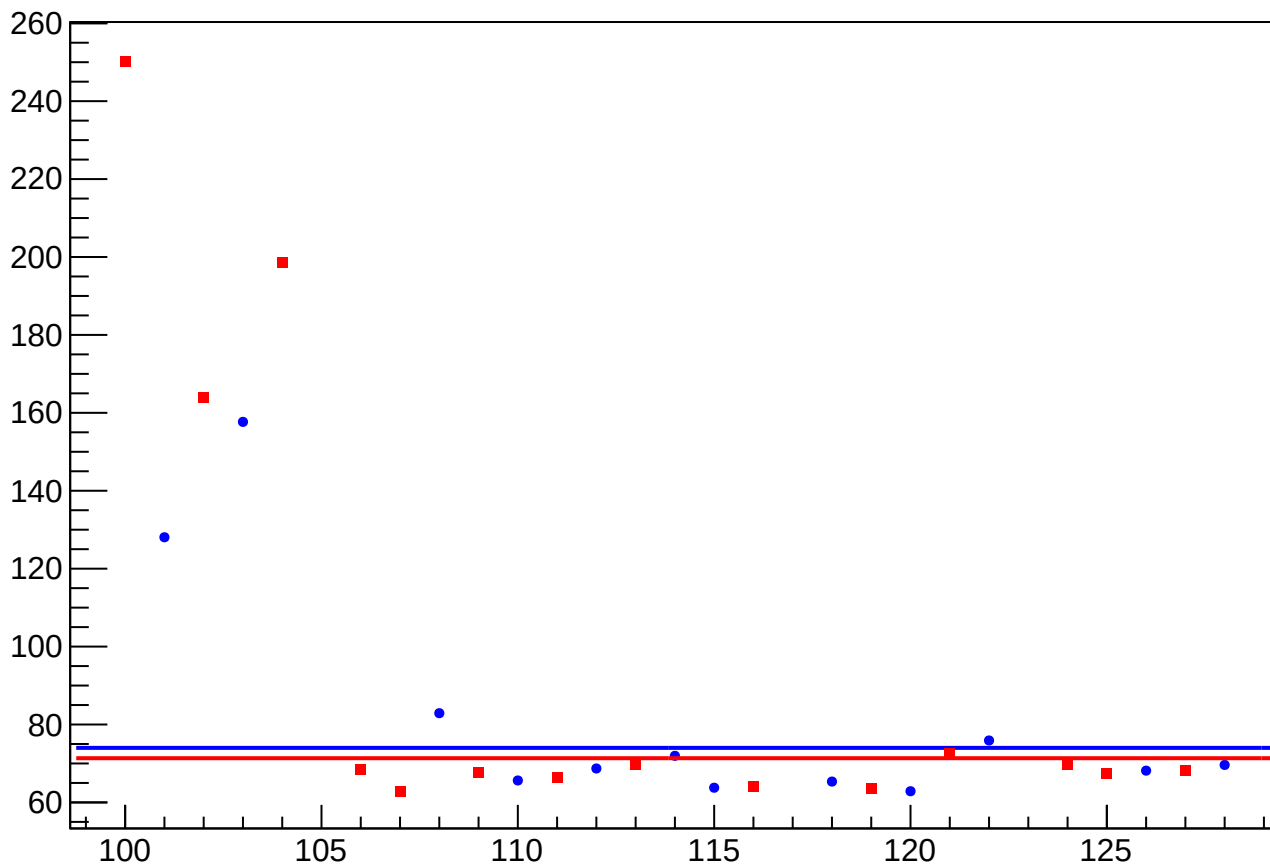
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 8.279 ± 23.429 χ^2/NDF : 39.5/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam7_rms vs Slug



Right In: 74.004+/-0.024 χ^2/NDF : 651451.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.350+/-0.023 χ^2/NDF : 927820.8/13

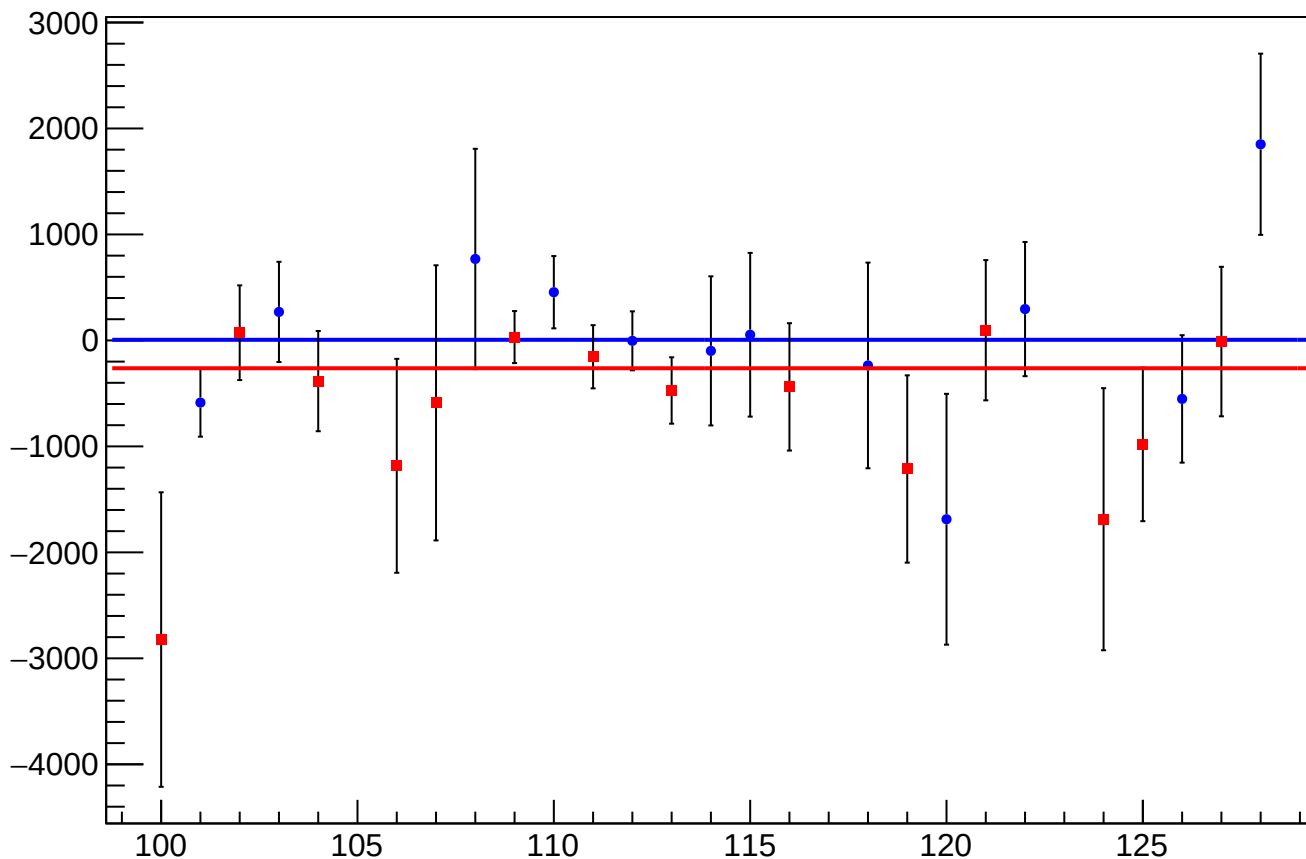
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.584+/-0.017 χ^2/NDF : 1585656.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_dit_correction_mean vs Slug



Right In: 5.768+/-143.337 χ^2/NDF : 13.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -262.703+/-128.546 χ^2/NDF : 10.9/13

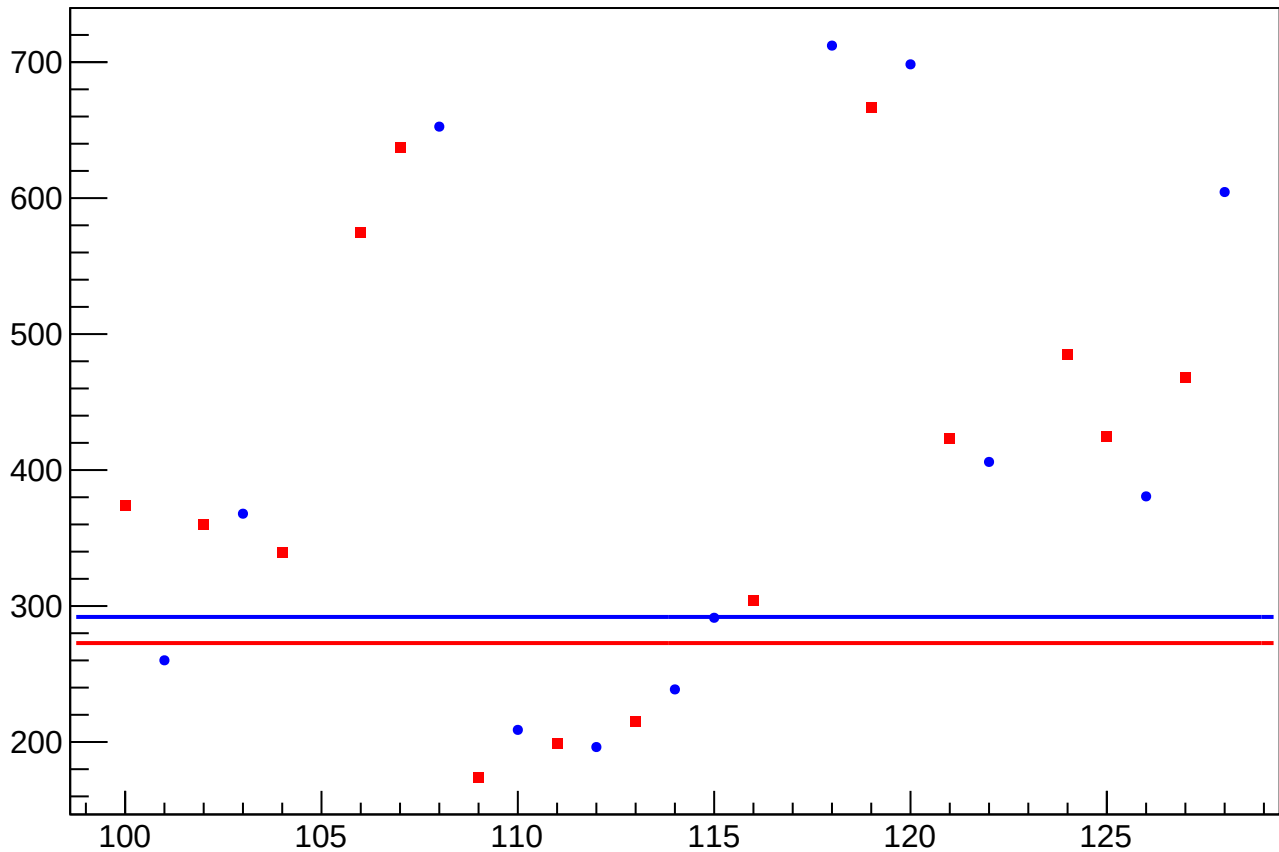
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -143.029+/-95.699 χ^2/NDF : 26.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_dit_correction_rms vs Slug



Right In: 291.974 $\pm$ 0.101 χ^2 /NDF: 1664833.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 272.755 $\pm$ 0.091 χ^2 /NDF: 1782493.8/13

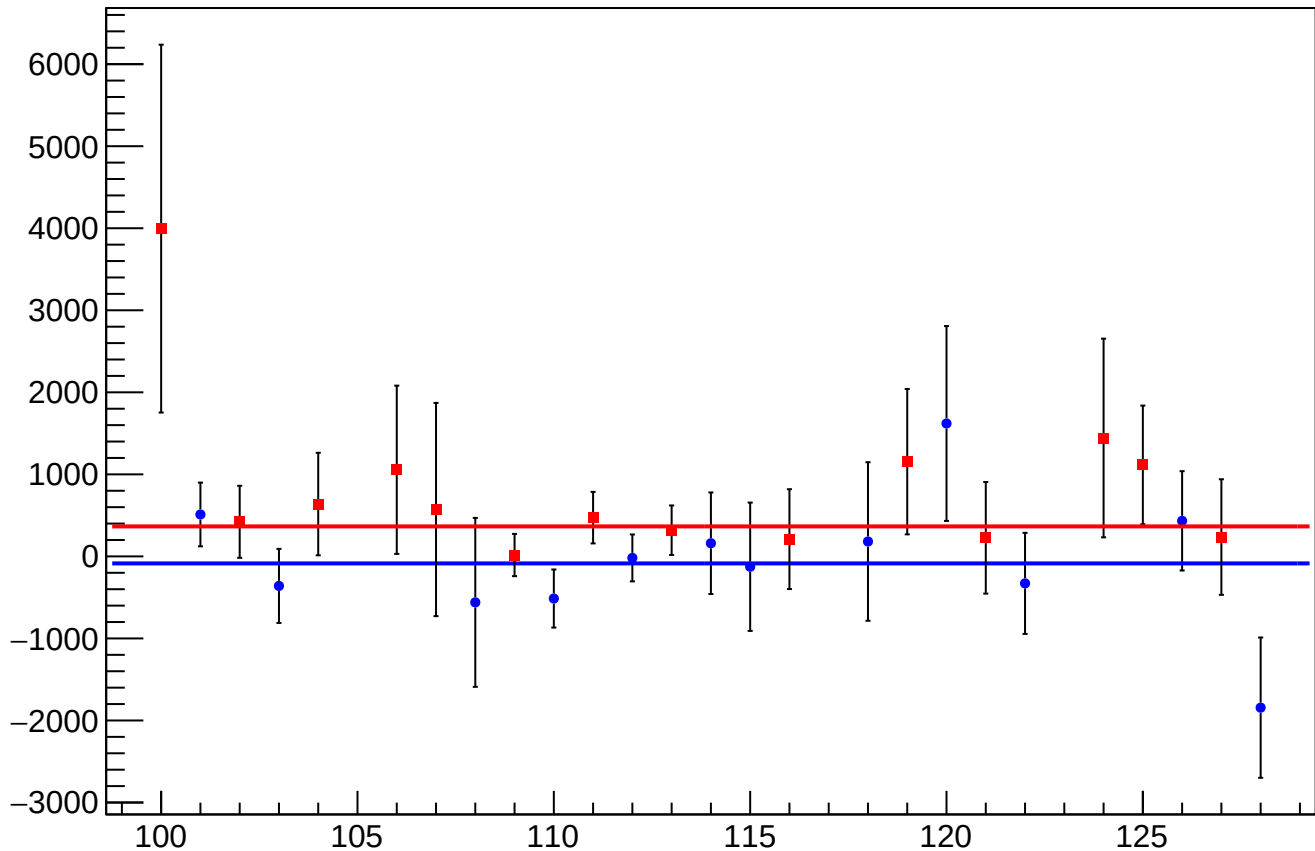
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 281.322 $\pm$ 0.068 χ^2 /NDF: 3467256.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_mean vs Slug



Right In: -85.483 $\pm$ 148.350 χ^2 /NDF: 11.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 365.518 $\pm$ 133.124 χ^2 /NDF: 8.1/13

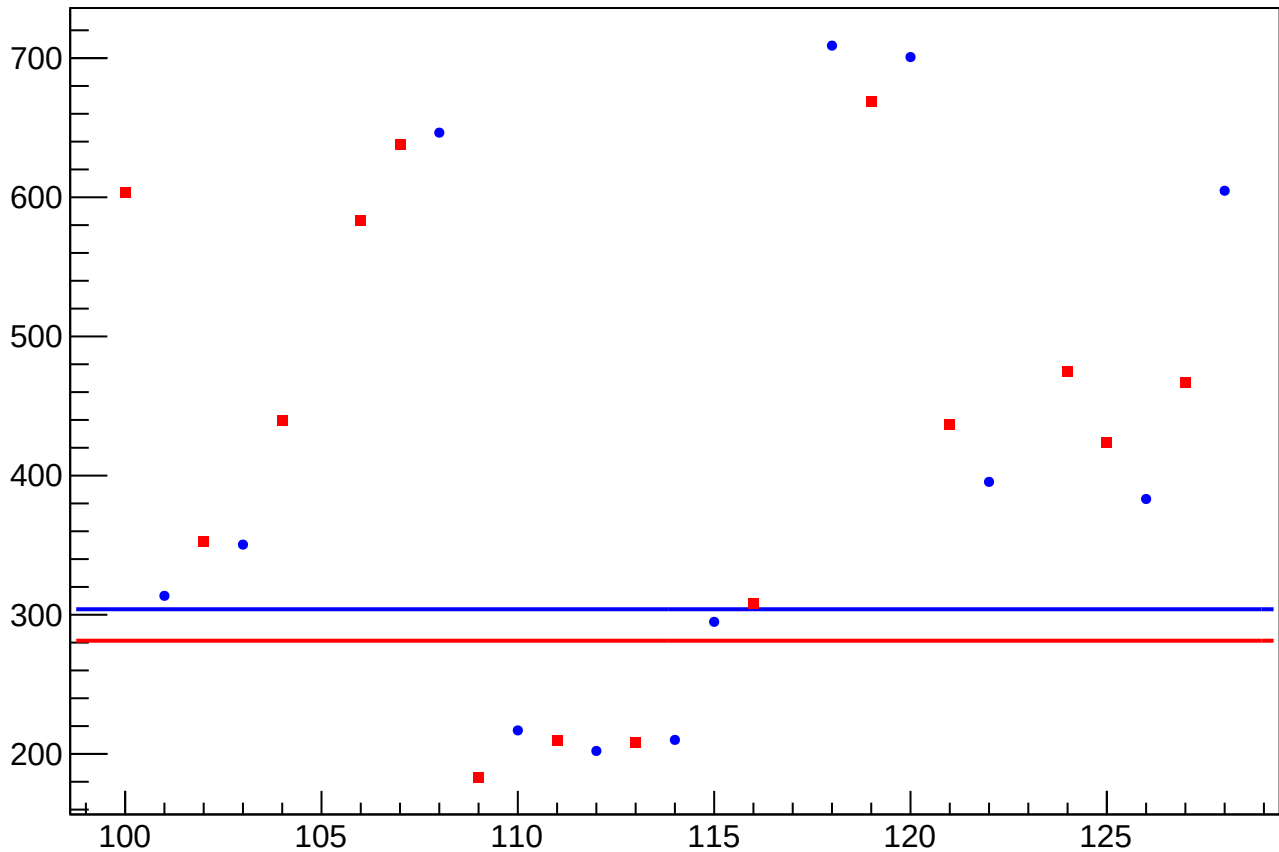
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 164.342 $\pm$ 99.080 χ^2 /NDF: 25.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_rms vs Slug



Right In: 303.969+/-0.105 χ^2/NDF : 1564733.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 281.359+/-0.094 χ^2/NDF : 1817072.4/13

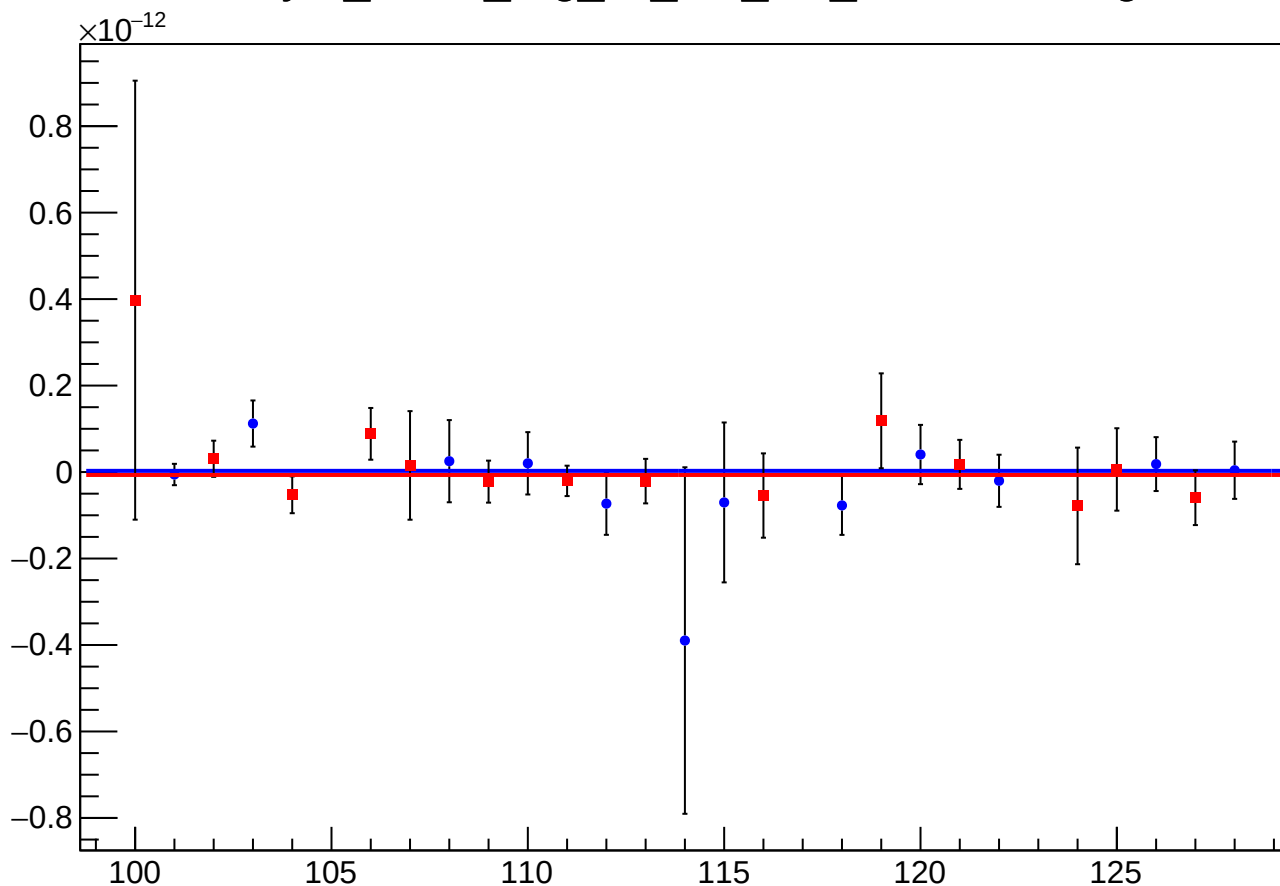
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

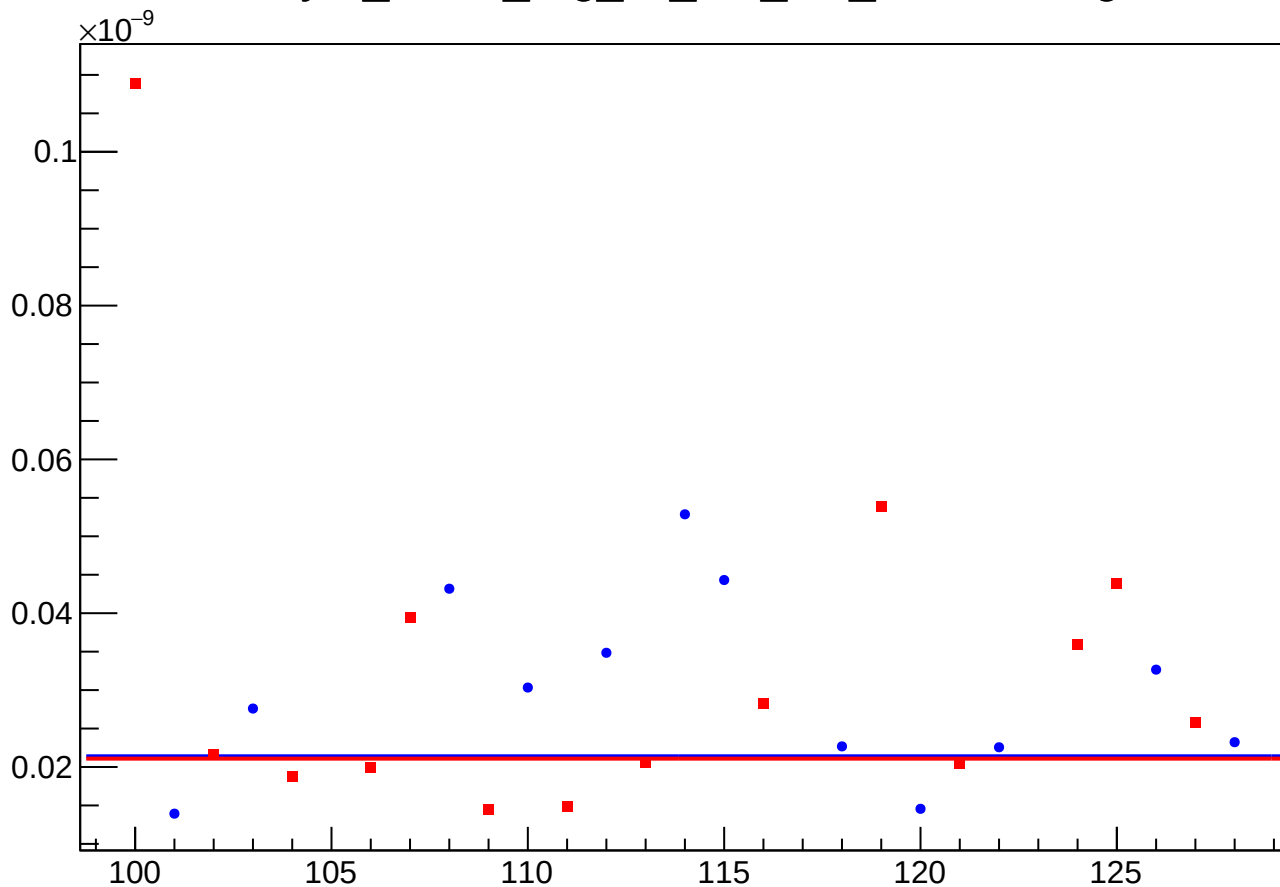
All: 291.444+/-0.070 χ^2/NDF : 3407540.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_reg_vs_cor_diff_mean vs Slug



asym_sam7_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 546485.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 548220.4/13

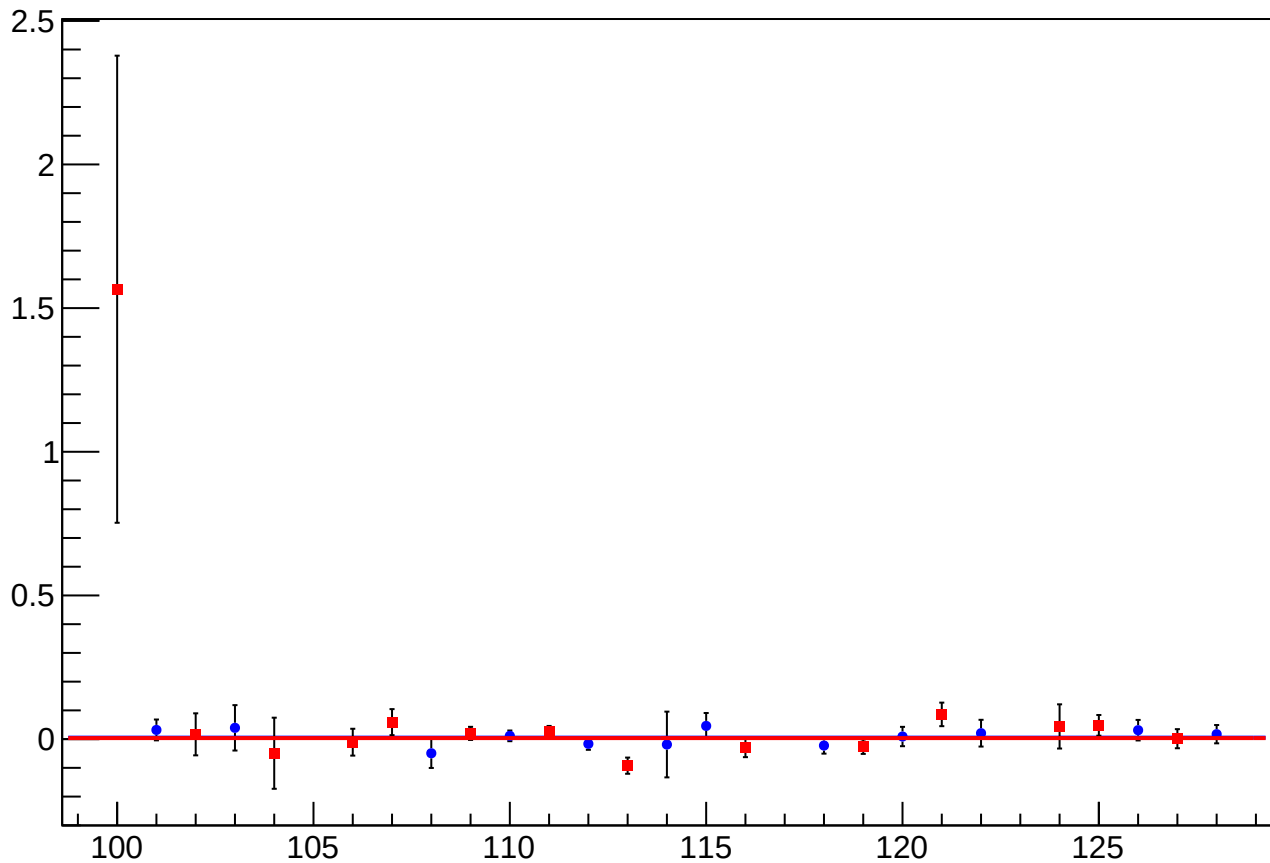
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1095056.6/25

- sign 0.000+/-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: 5.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.009 χ^2 /NDF: 27.3/13

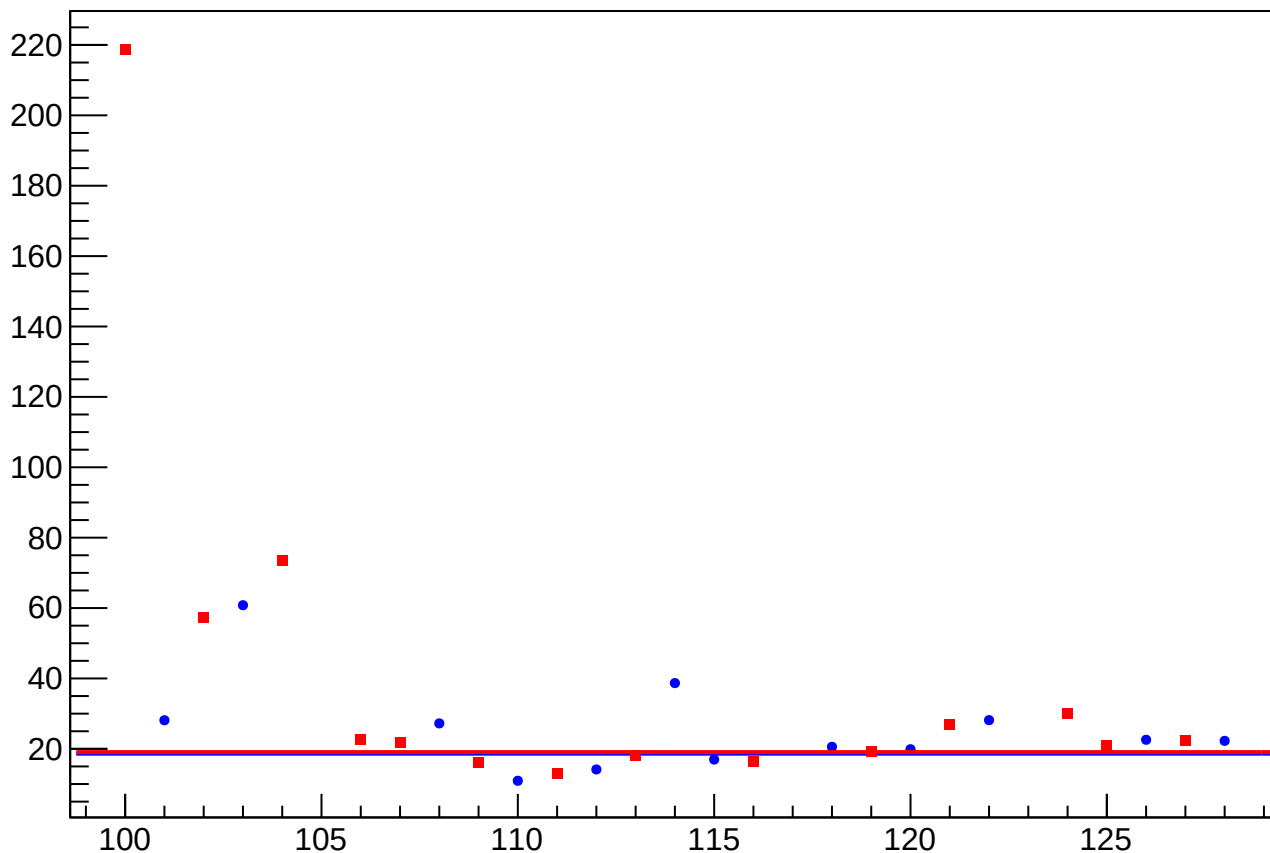
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.007 χ^2 /NDF: 33.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_dit_vs_cor_diff_rms vs Slug



Right In: 18.629+/-0.007 χ^2/NDF : 1409591.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

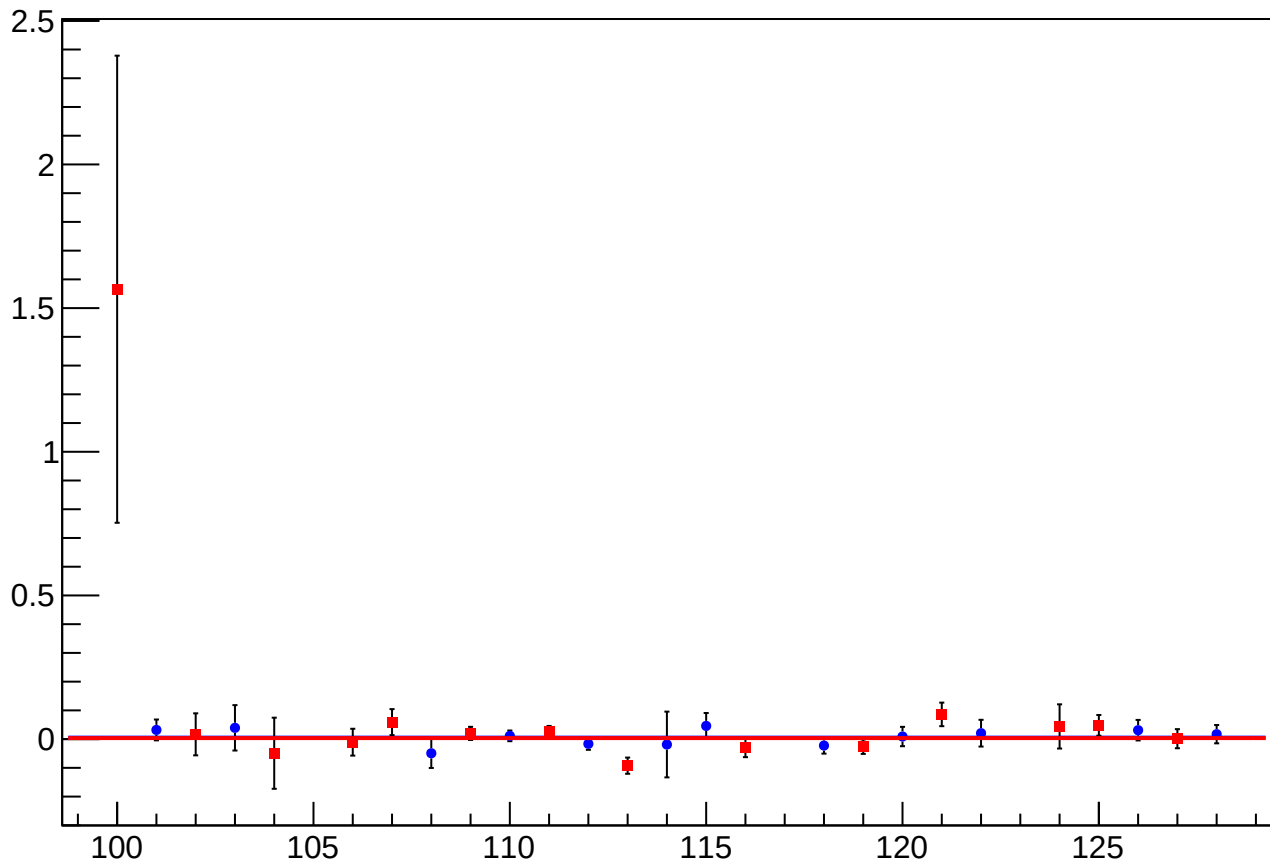
Right Out: 19.078+/-0.006 χ^2/NDF : 1456651.0/13

All: 18.858+/-0.005 χ^2/NDF : 2868598.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 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: 5.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.009 χ^2 /NDF: 27.3/13

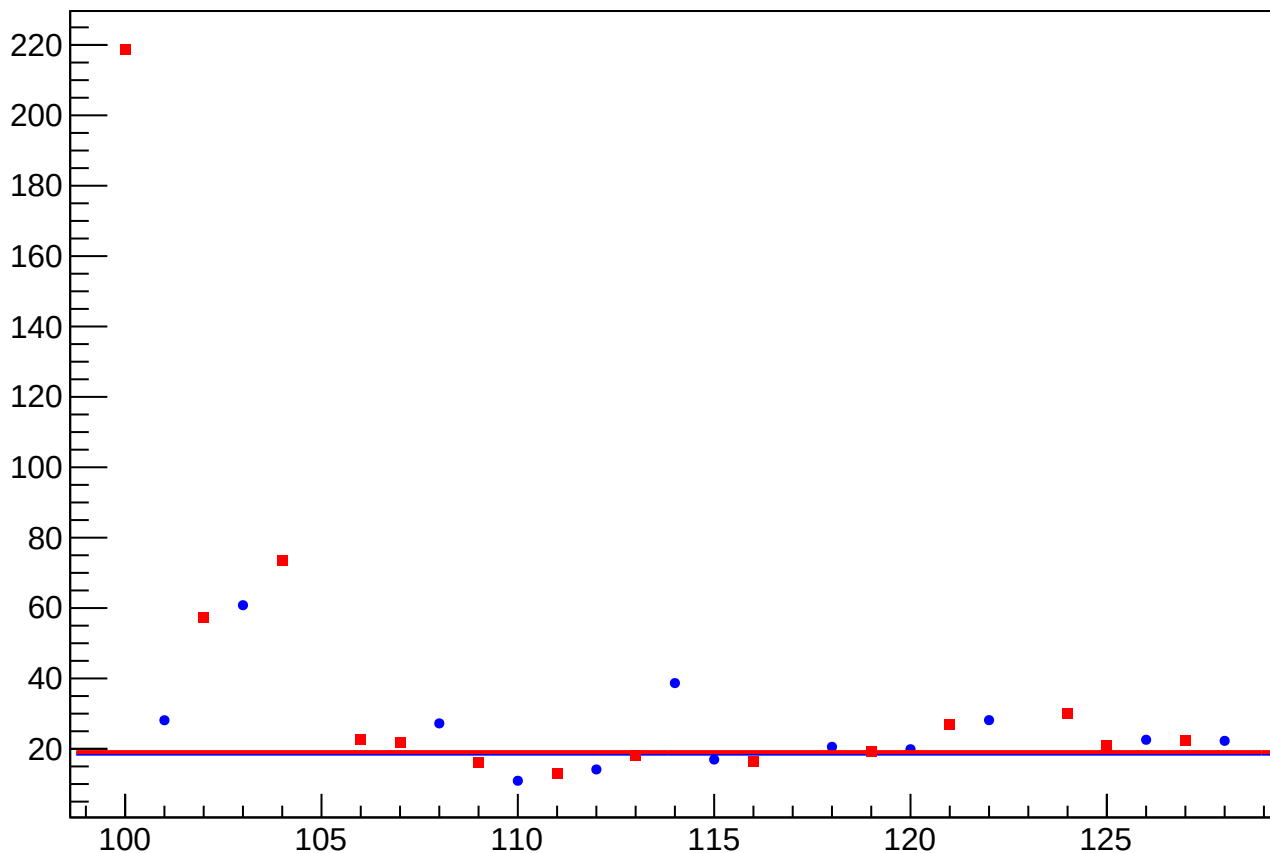
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.007 χ^2 /NDF: 33.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 18.629+/-0.007 χ^2/NDF : 1409591.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.078+/-0.006 χ^2/NDF : 1456651.0/13

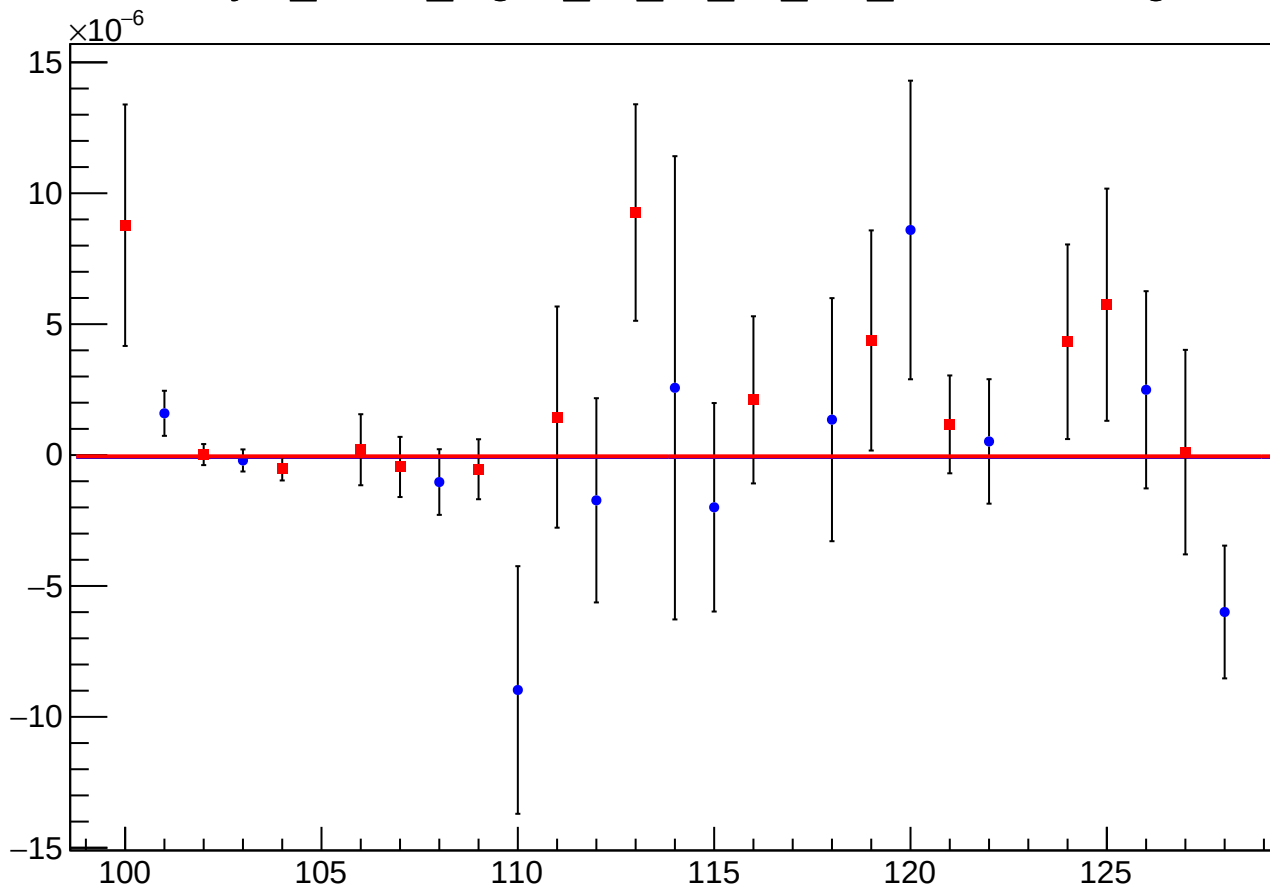
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.858+/-0.005 χ^2/NDF : 2868598.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 16.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.4/13

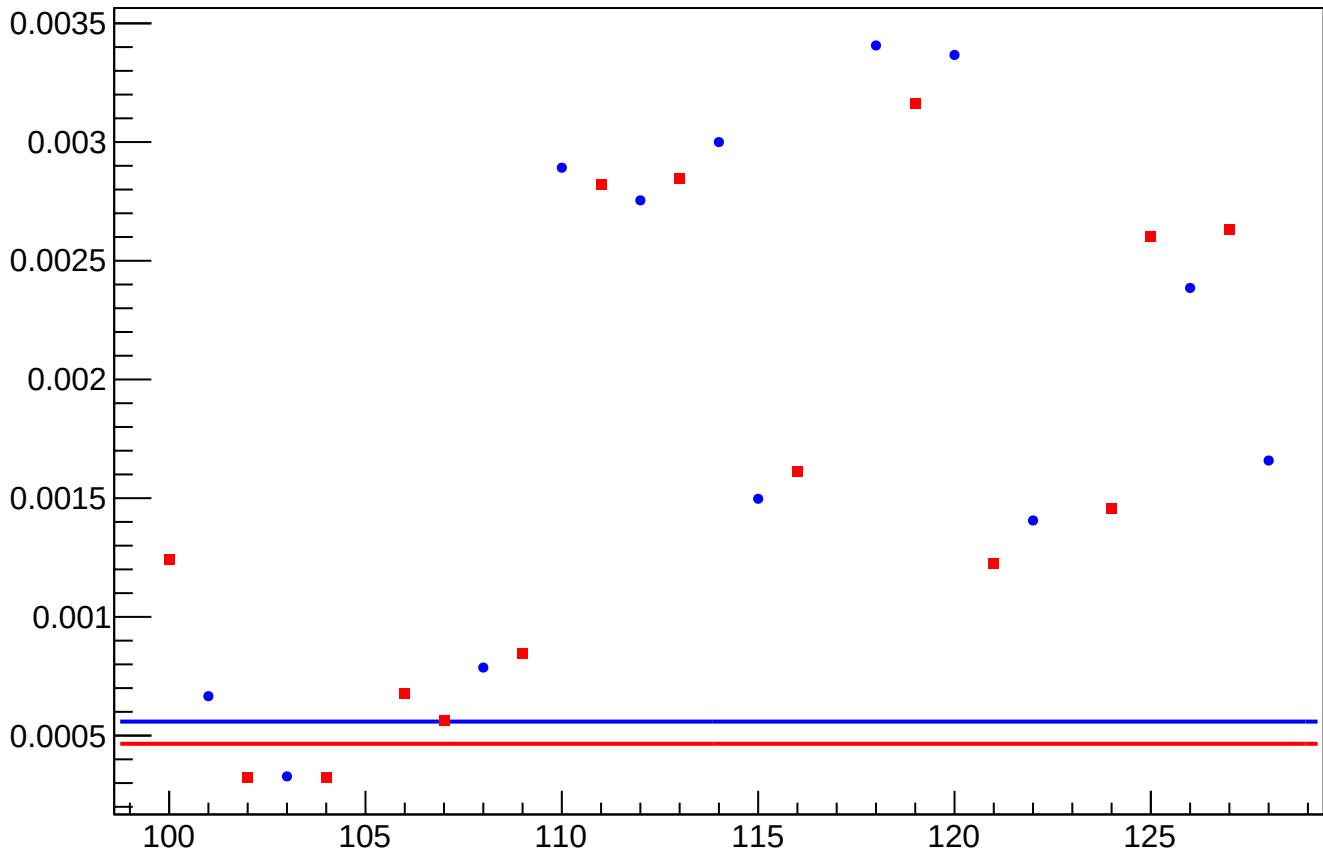
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 32.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 4416945.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4708779.6/13

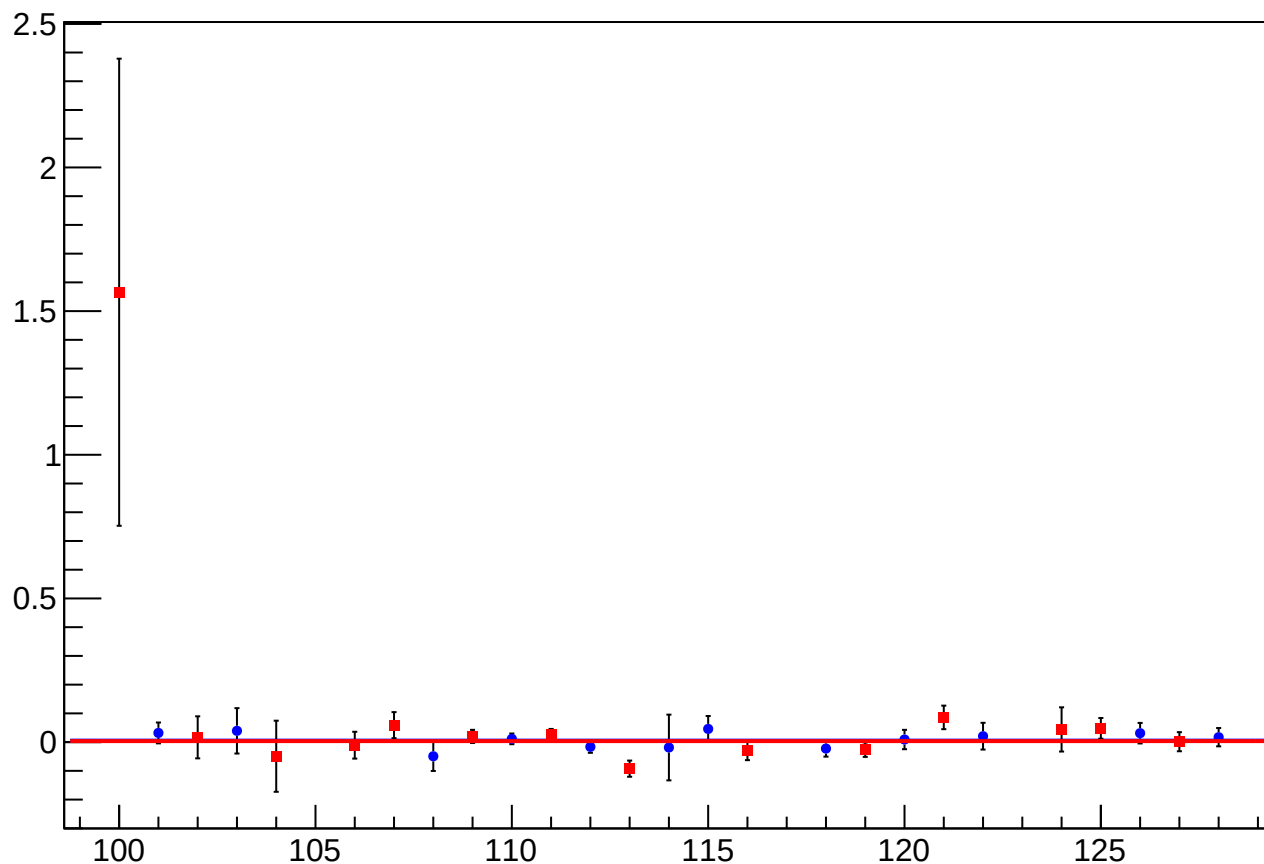
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 9216537.9/25

- 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+/-0.009 χ^2/NDF : 5.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.009 χ^2/NDF : 27.3/13

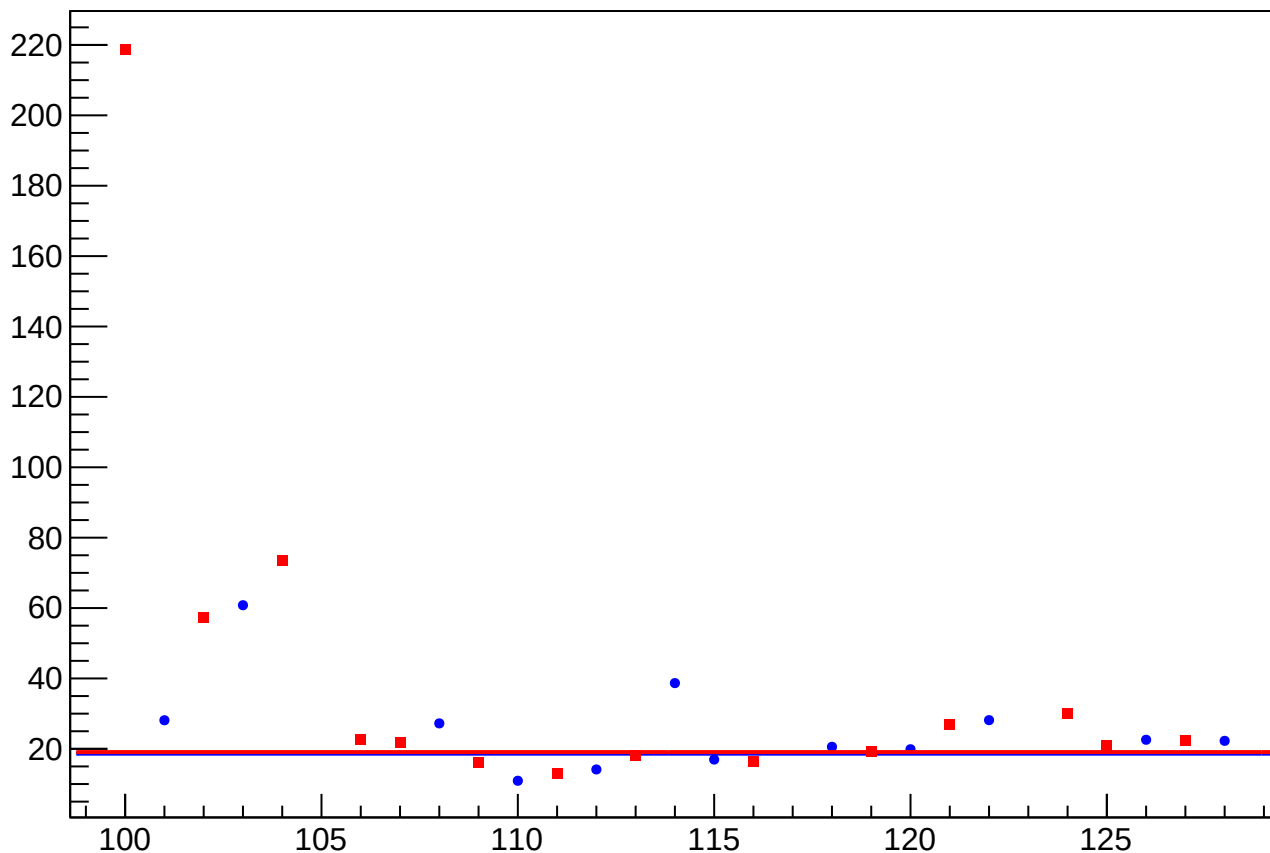
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.007 χ^2/NDF : 33.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 18.630+/-0.007 χ^2/NDF : 1409461.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.078+/-0.006 χ^2/NDF : 1456586.0/13

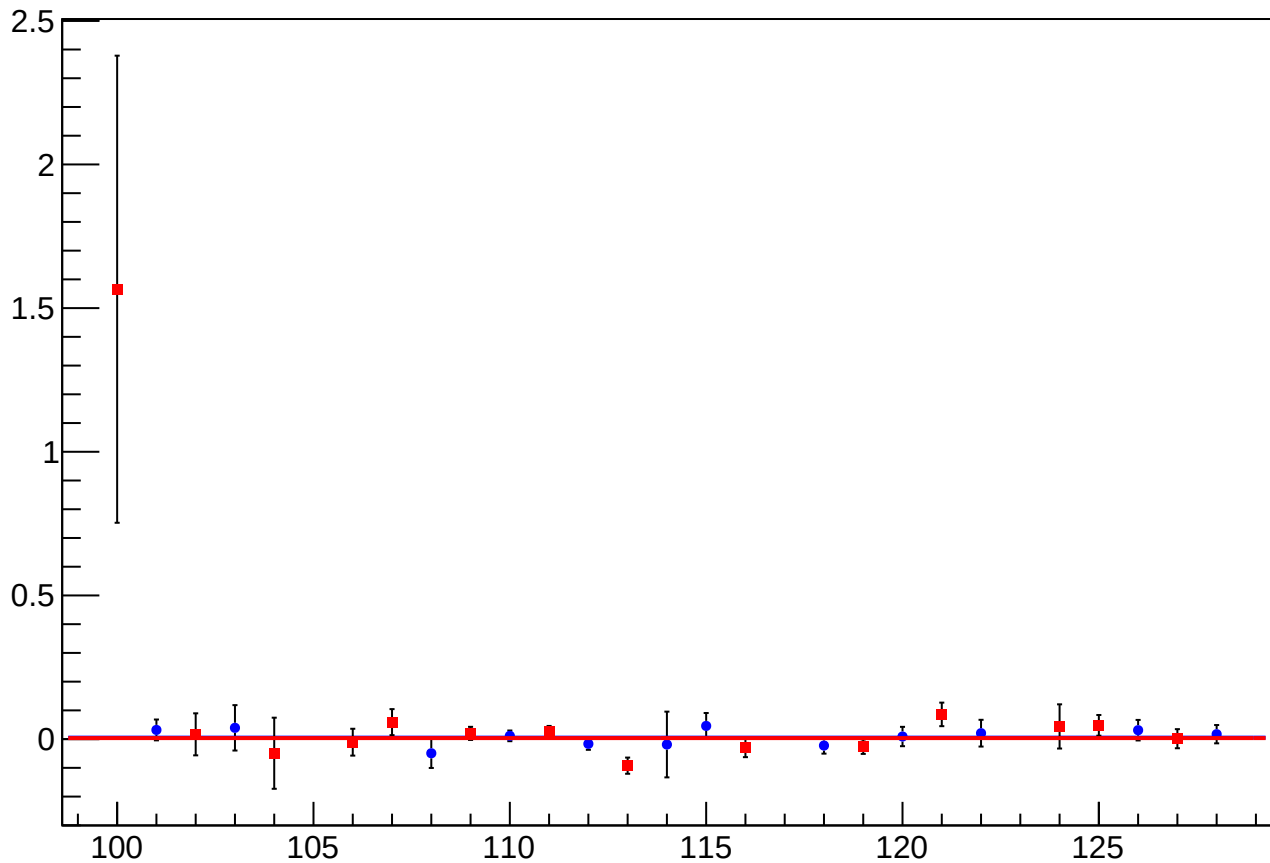
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.859+/-0.005 χ^2/NDF : 2868399.4/25

- 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: 5.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.009 χ^2 /NDF: 27.3/13

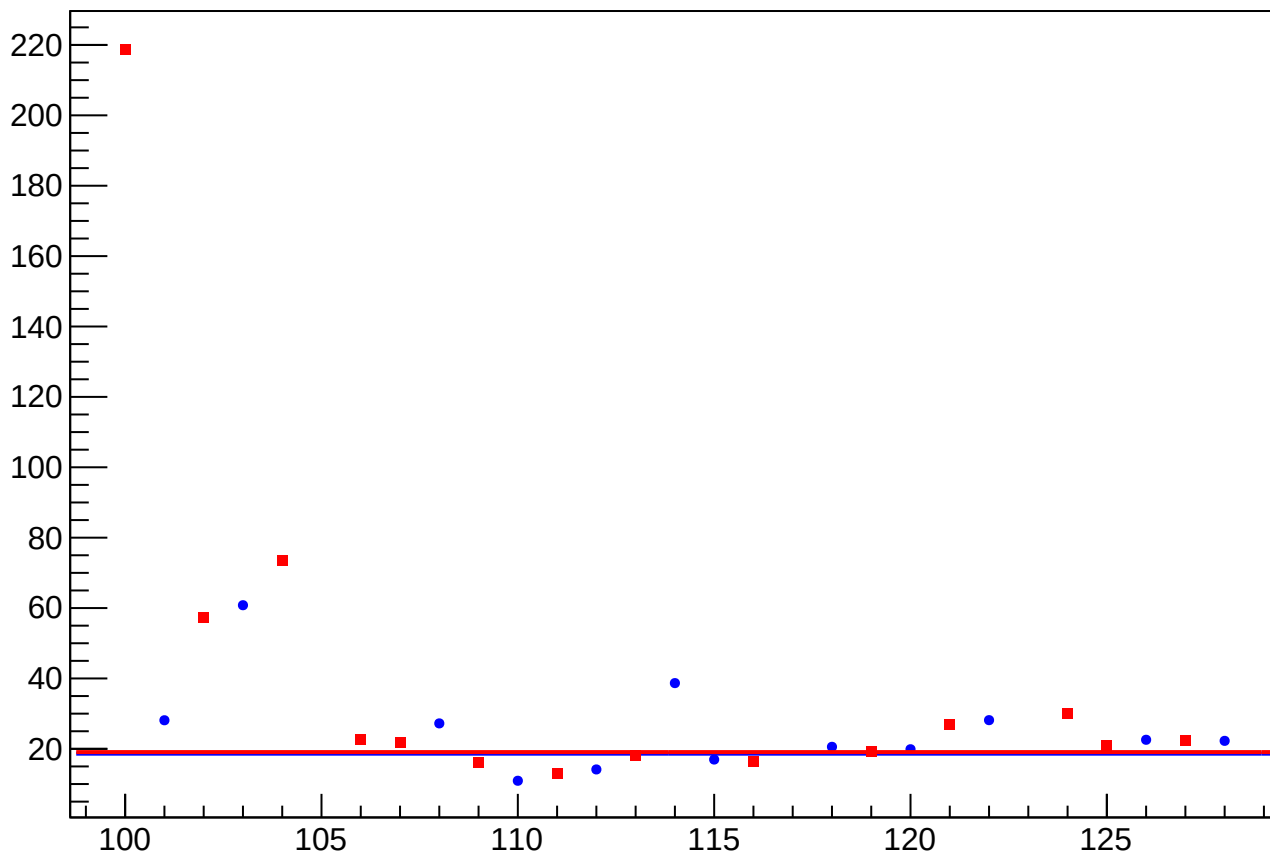
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.007 χ^2 /NDF: 33.0/25

- 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: 18.630+/-0.007 χ^2/NDF : 1409461.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.078+/-0.006 χ^2/NDF : 1456586.0/13

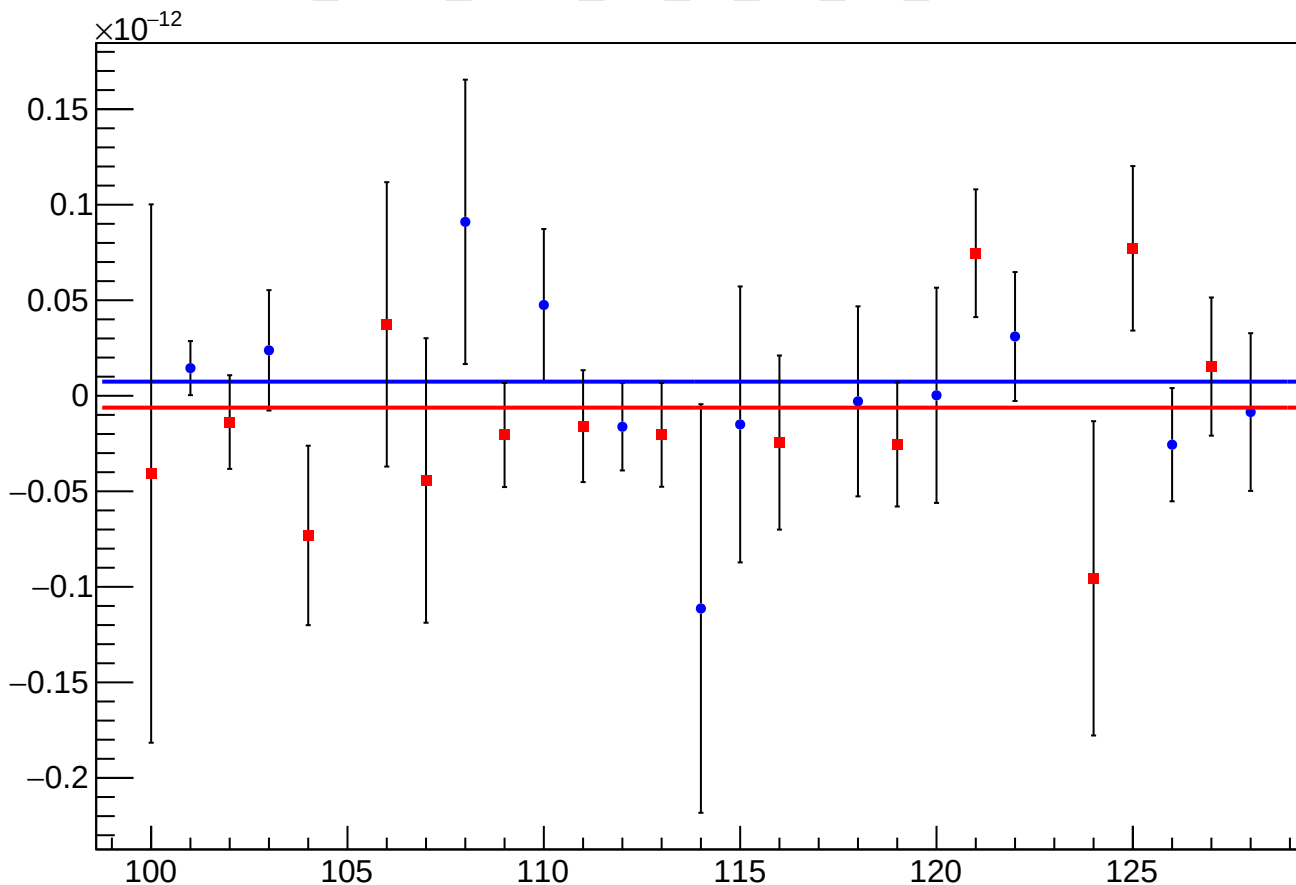
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.859+/-0.005 χ^2/NDF : 2868399.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 7.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.1/13

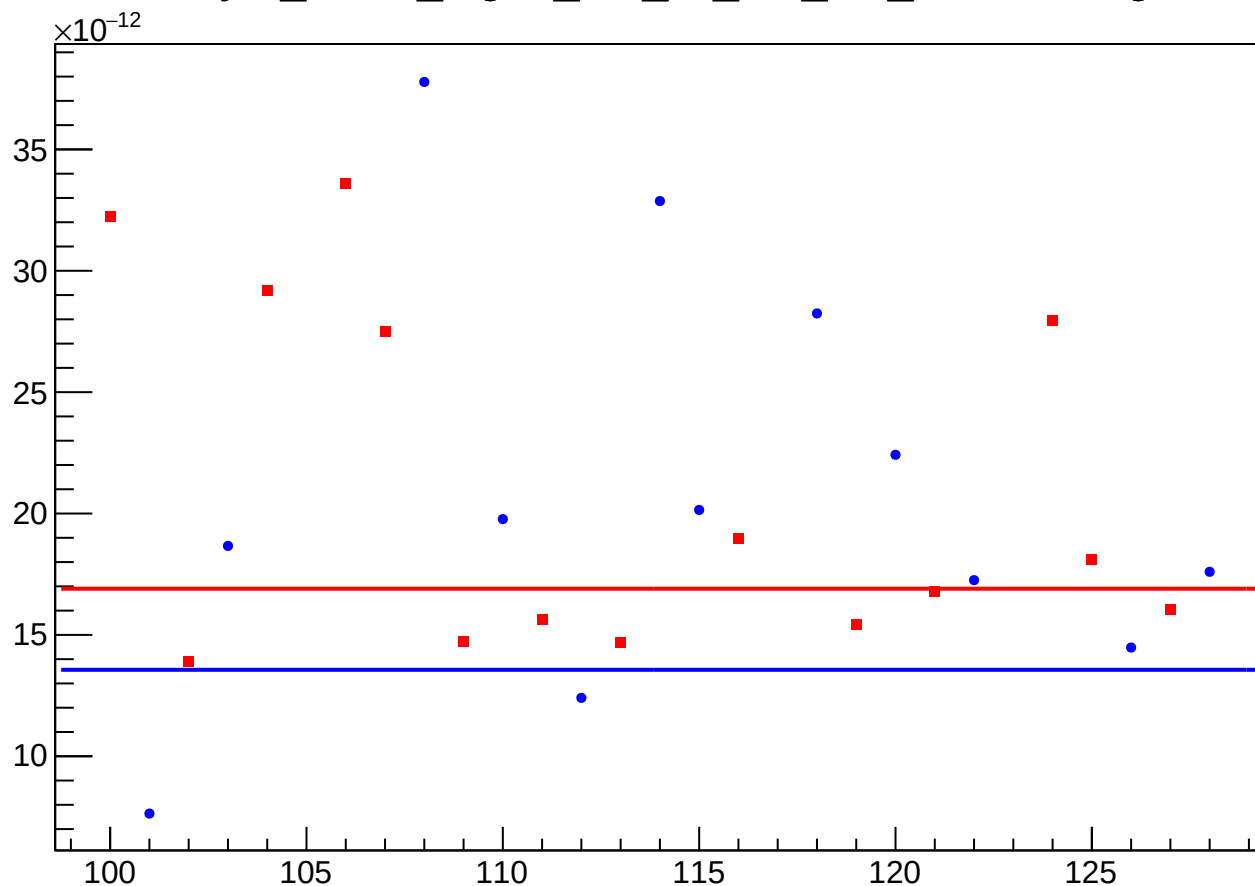
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1019190.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 408739.7/13

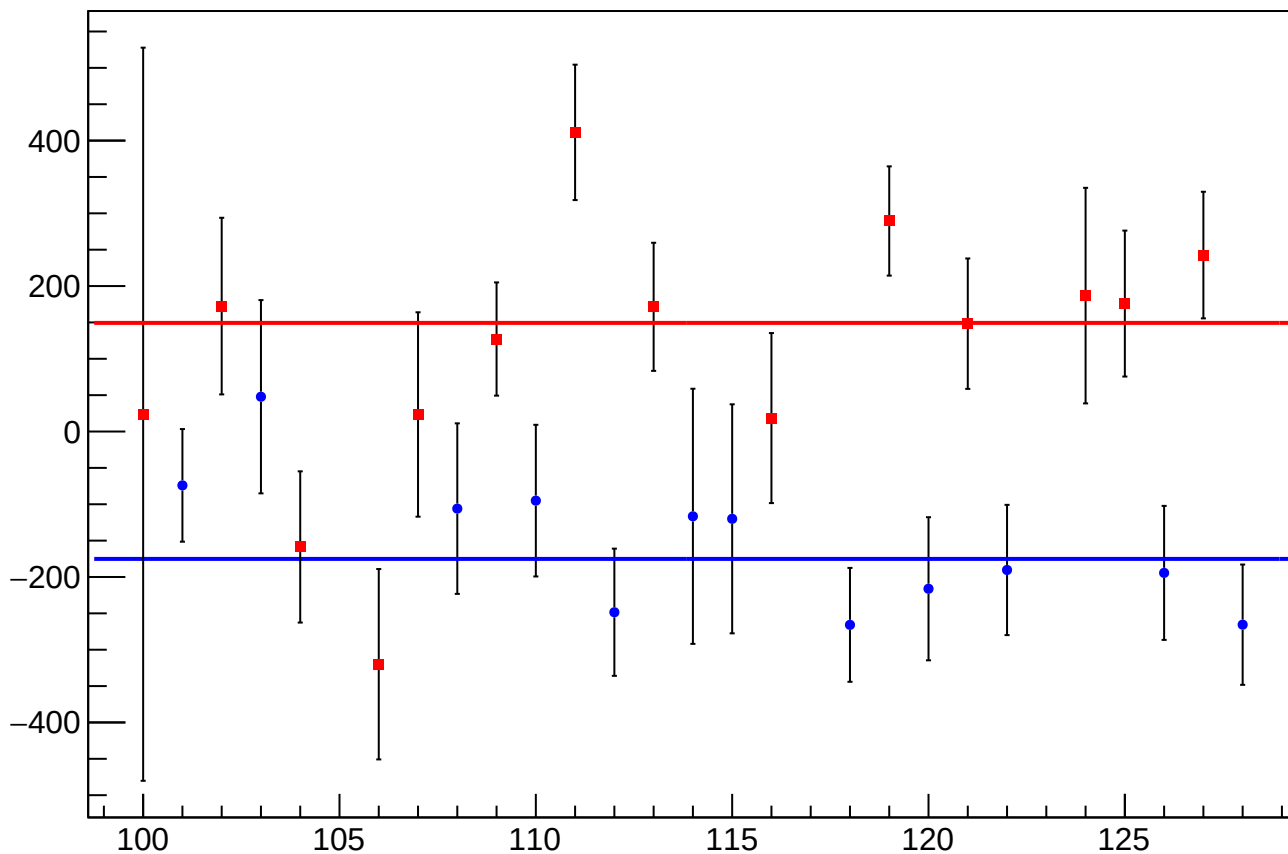
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1552324.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_mean vs Slug



Right In: -175.138 ± 28.318 χ^2/NDF : 9.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 149.365 ± 27.375 χ^2/NDF : 36.6/13

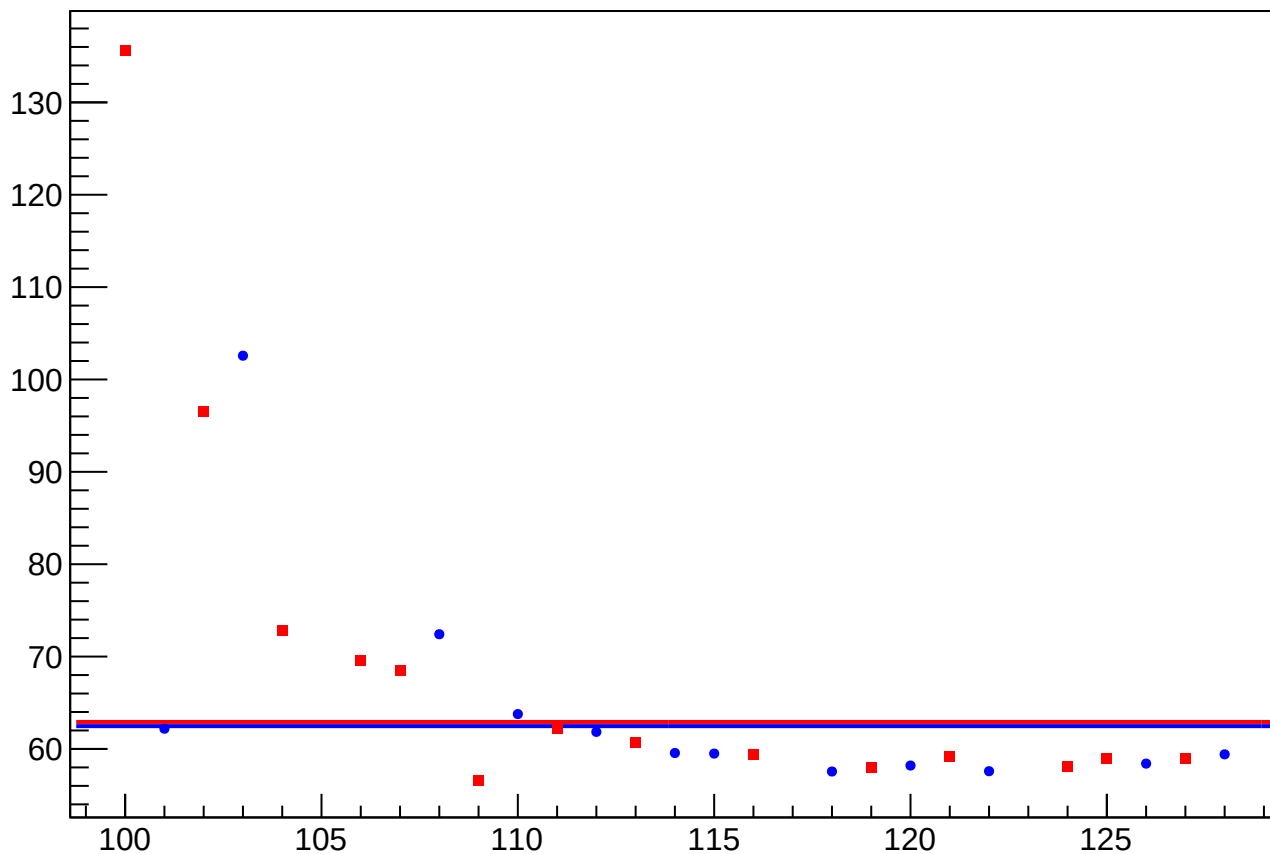
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.394 ± 19.682 χ^2/NDF : 113.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_rms vs Slug



Right In: 62.468+/-0.020 χ^2/NDF : 222478.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.921+/-0.019 χ^2/NDF : 259199.1/13

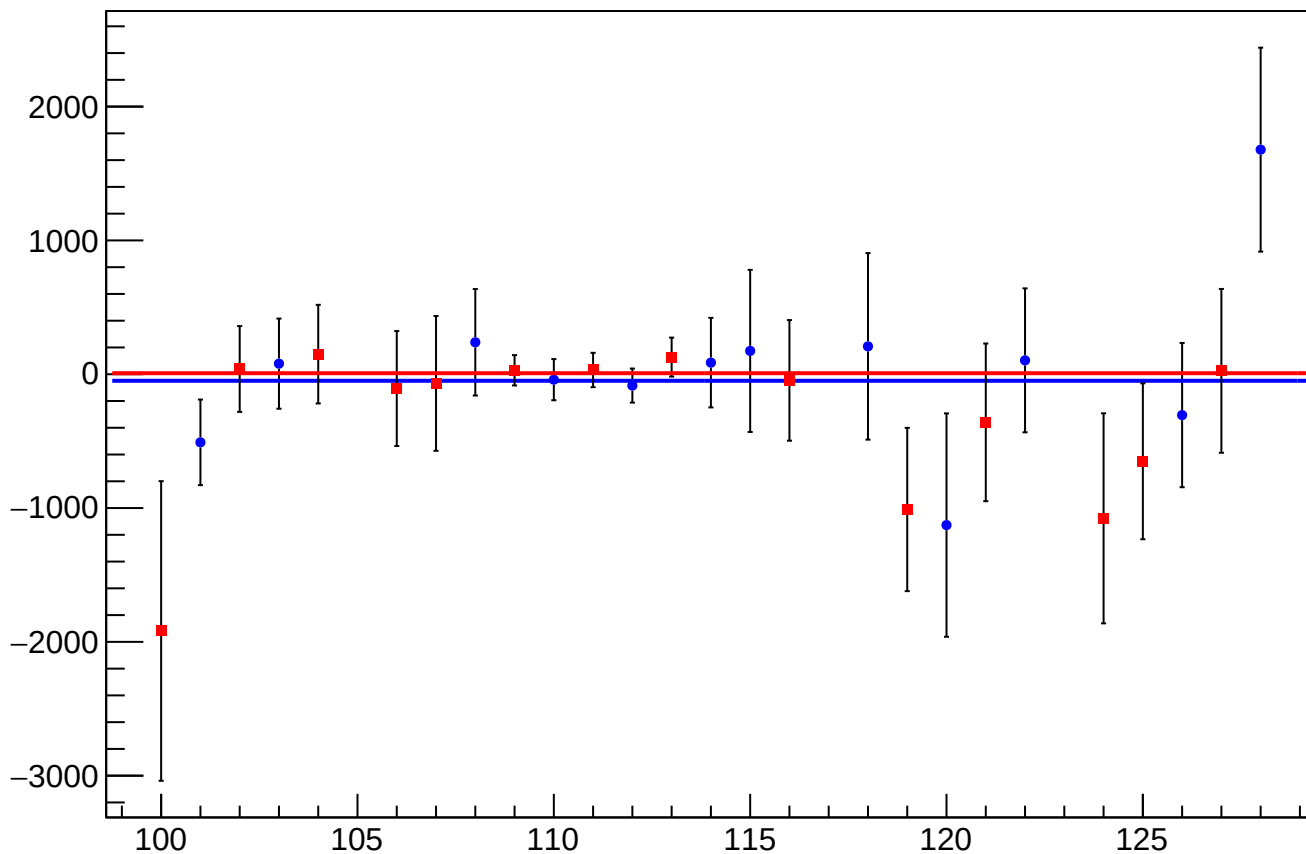
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.702+/-0.014 χ^2/NDF : 481941.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_reg_correction_mean vs Slug



Right In: -48.939+/-80.921 χ^2 /NDF: 10.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 7.729+/-65.855 χ^2 /NDF: 10.3/13

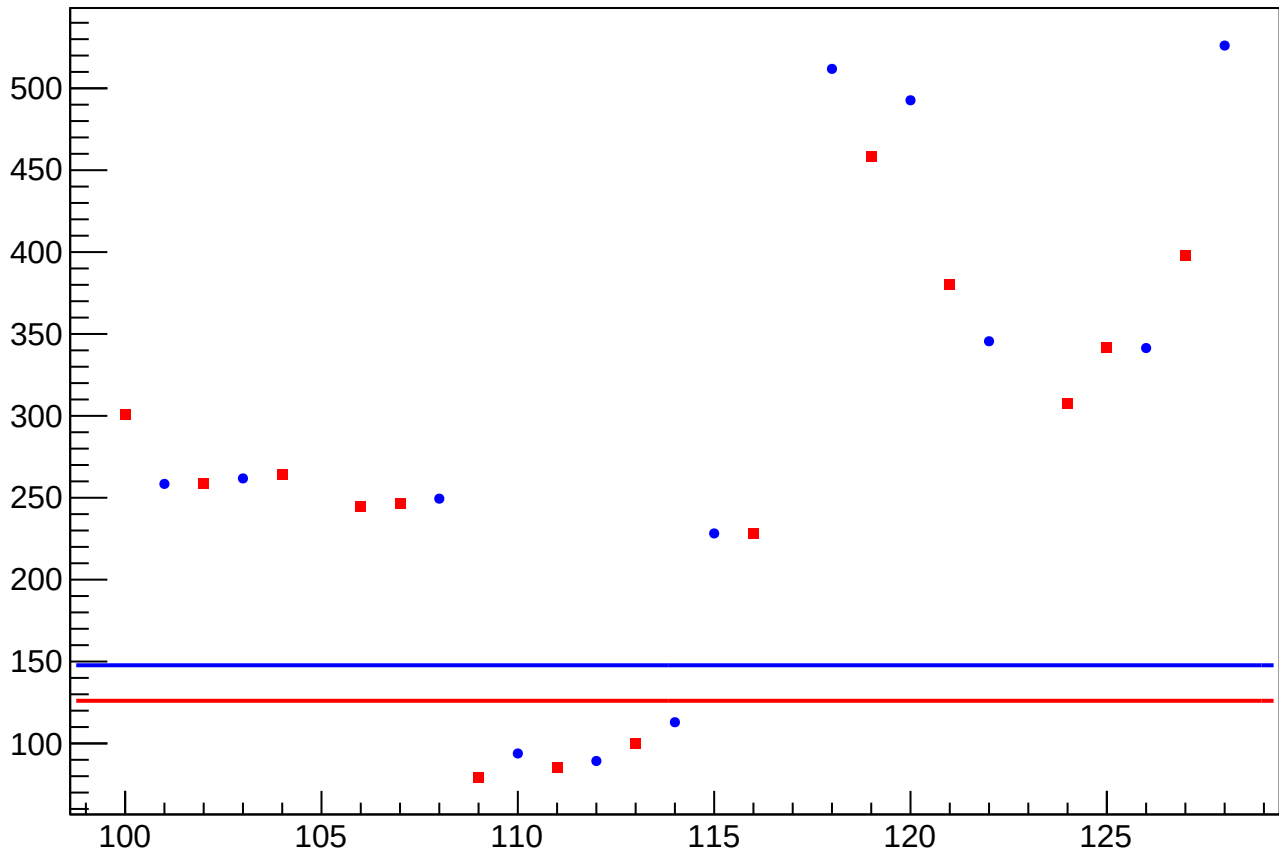
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -14.849+/-51.078 χ^2 /NDF: 21.0/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam8_reg_correction_rms vs Slug



Right In: 147.719+/-0.057 χ^2/NDF : 3233275.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.036+/-0.047 χ^2/NDF : 3391336.6/13

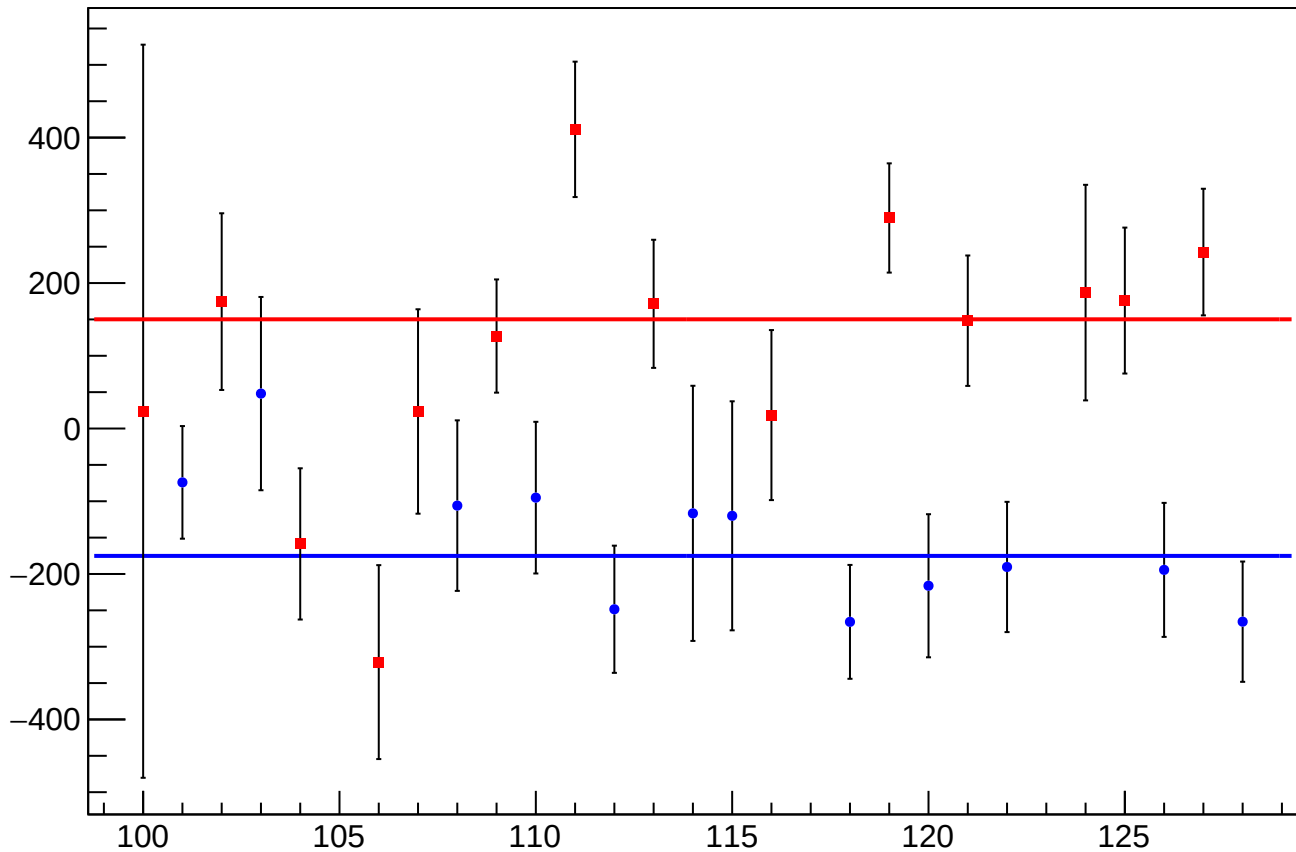
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.675+/-0.036 χ^2/NDF : 6710991.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam8_mean vs Slug



Right In: -175.138 ± 28.318 χ^2/NDF : 9.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 150.156 ± 27.397 χ^2/NDF : 36.2/13

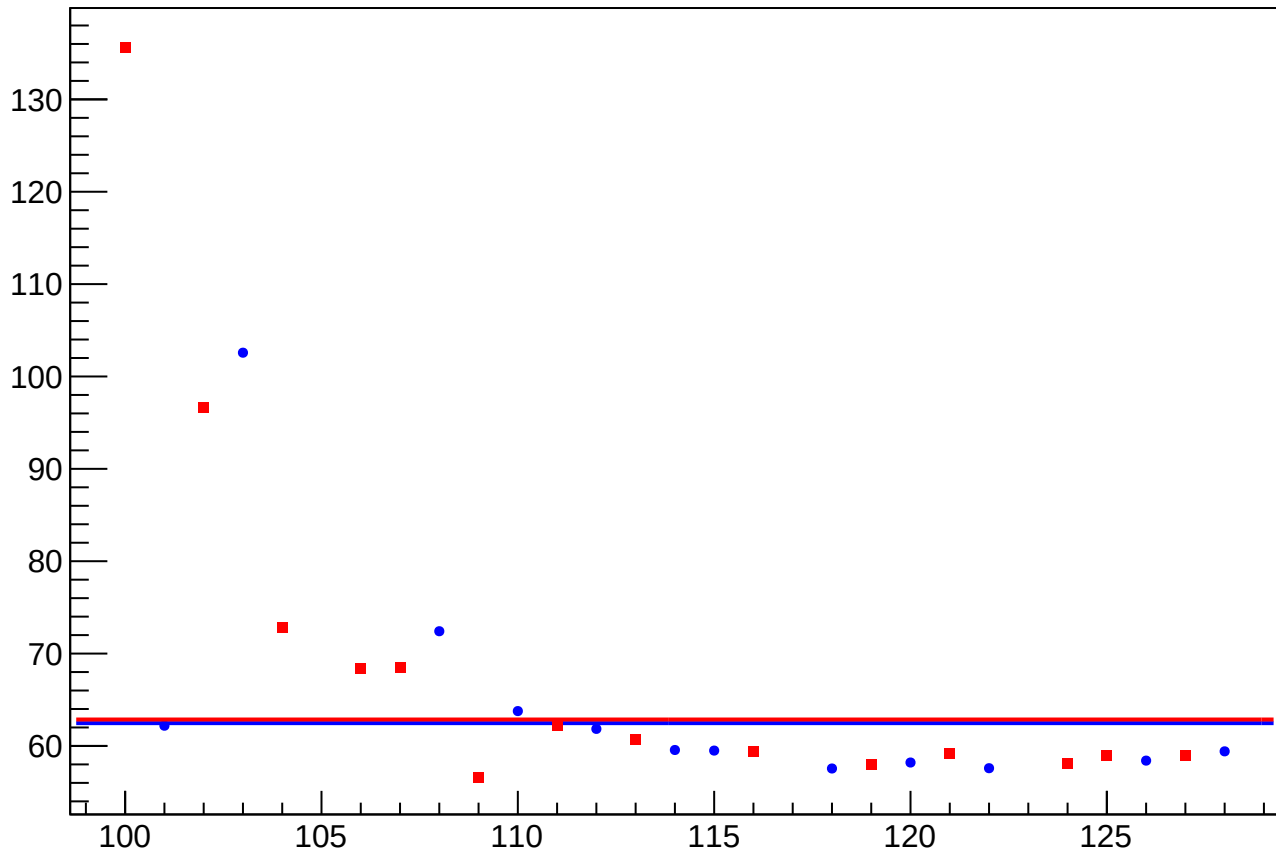
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.116 ± 19.690 χ^2/NDF : 113.6/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam8_rms vs Slug



Right In: 62.468+/-0.020 χ^2/NDF : 222480.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.861+/-0.019 χ^2/NDF : 257598.6/13

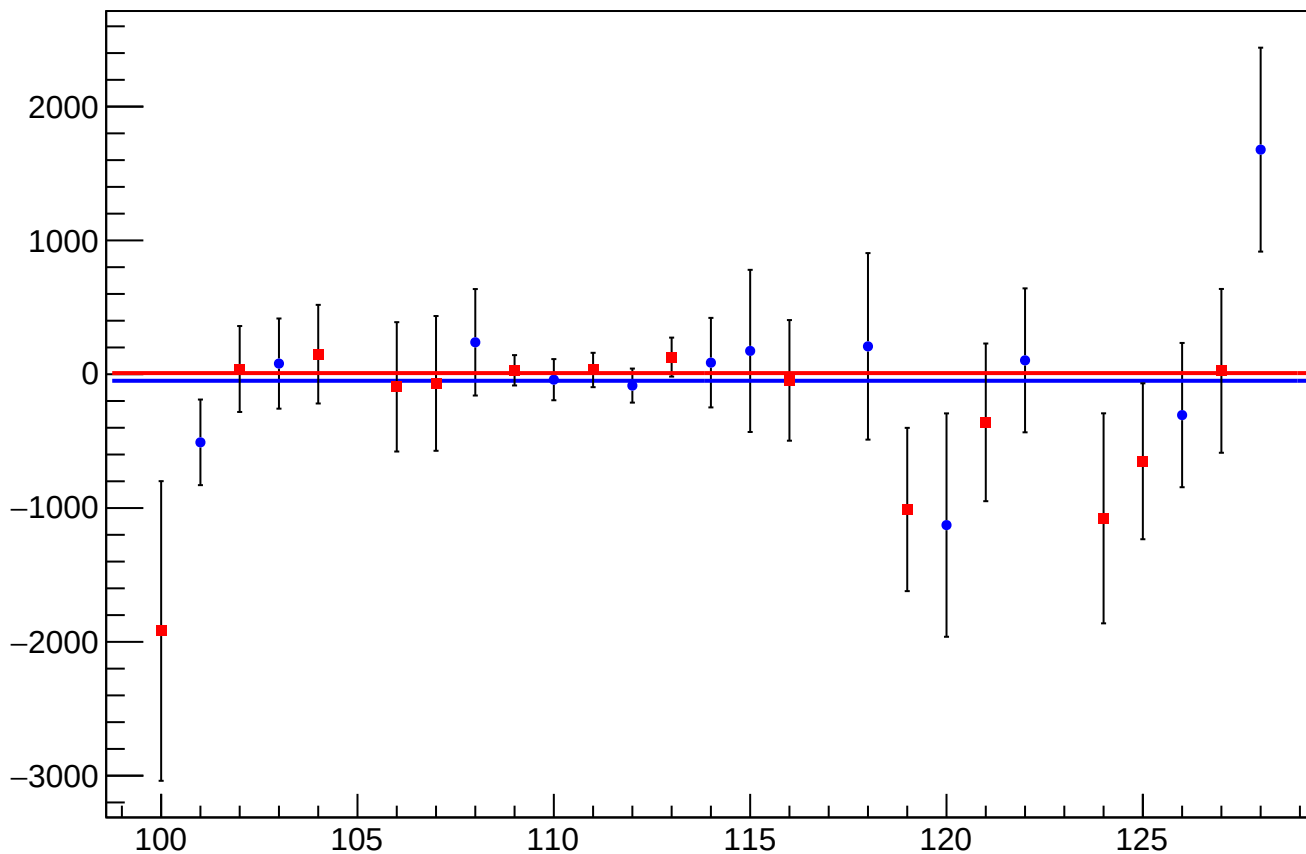
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.671+/-0.014 χ^2/NDF : 480278.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_cor_correction_mean vs Slug



Right In: -48.918+/-80.922 χ^2/NDF : 10.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.511+/-66.021 χ^2/NDF : 10.3/13

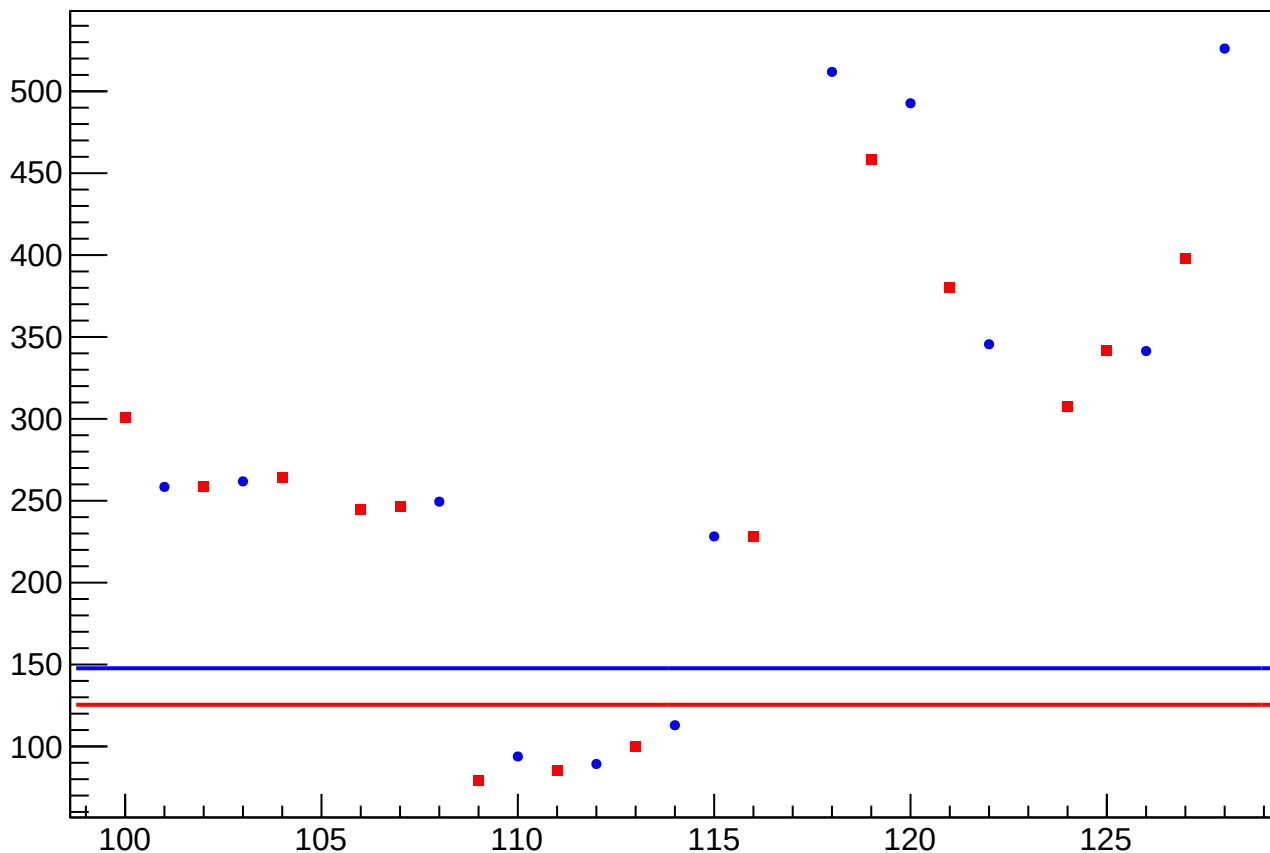
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.439+/-51.155 χ^2/NDF : 21.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_cor_correction_rms vs Slug



Right In: 147.719+/-0.057 χ^2/NDF : 3233332.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.449+/-0.047 χ^2/NDF : 3360272.5/13

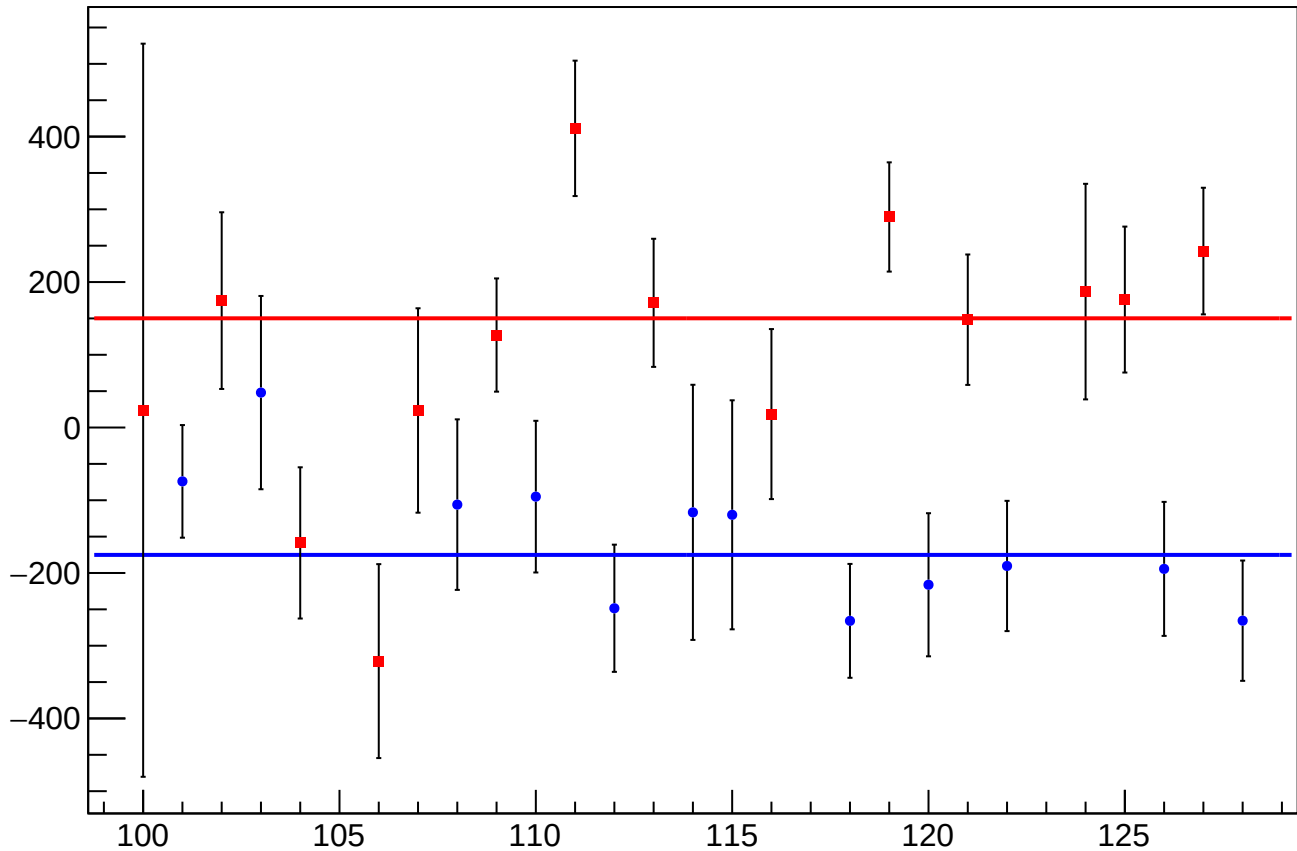
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.349+/-0.036 χ^2/NDF : 6684544.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam8_mean vs Slug



Right In: -175.138 ± 28.318 χ^2/NDF : 9.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 150.156 ± 27.397 χ^2/NDF : 36.2/13

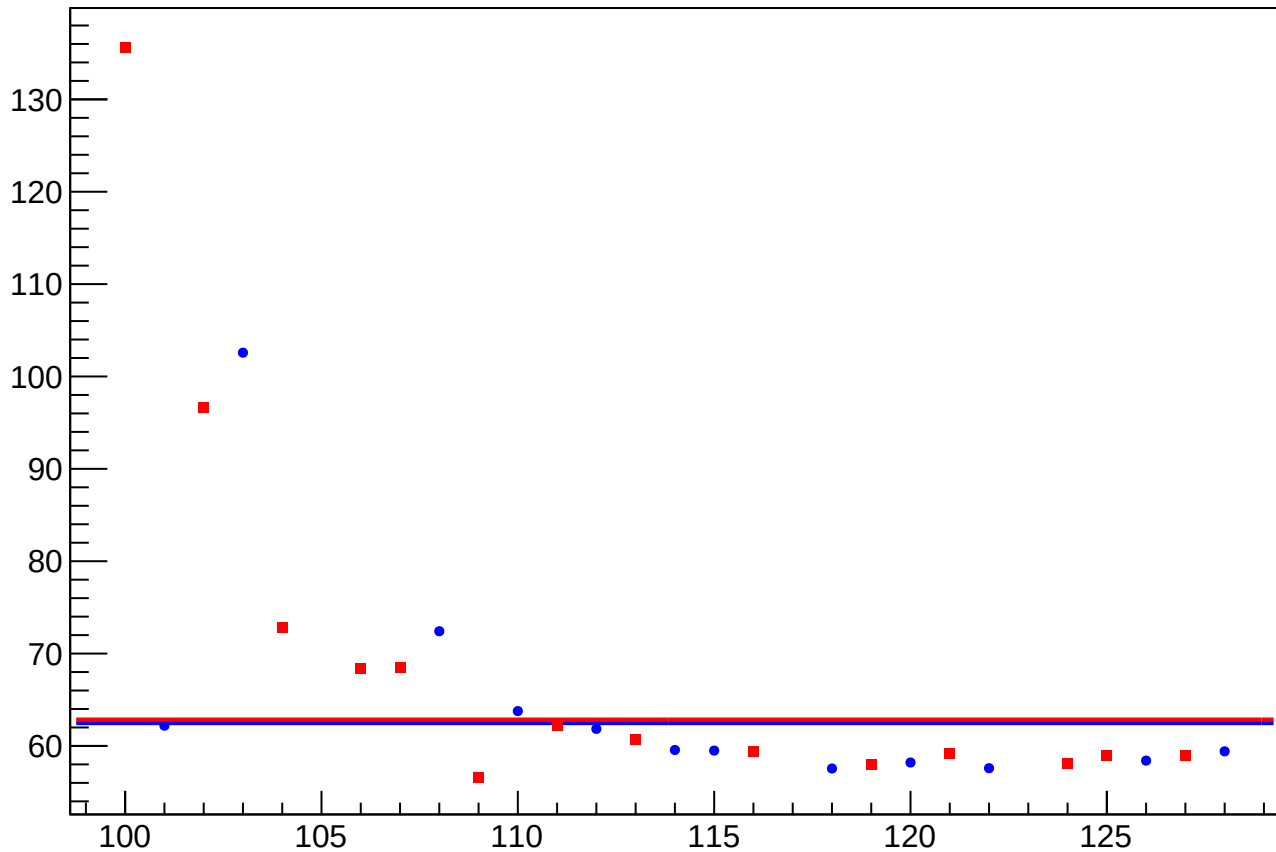
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.116 ± 19.690 χ^2/NDF : 113.6/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam8_rms vs Slug



Right In: 62.468+/-0.020 χ^2 /NDF: 222480.9/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 62.861+/-0.019 χ^2 /NDF: 257598.6/13

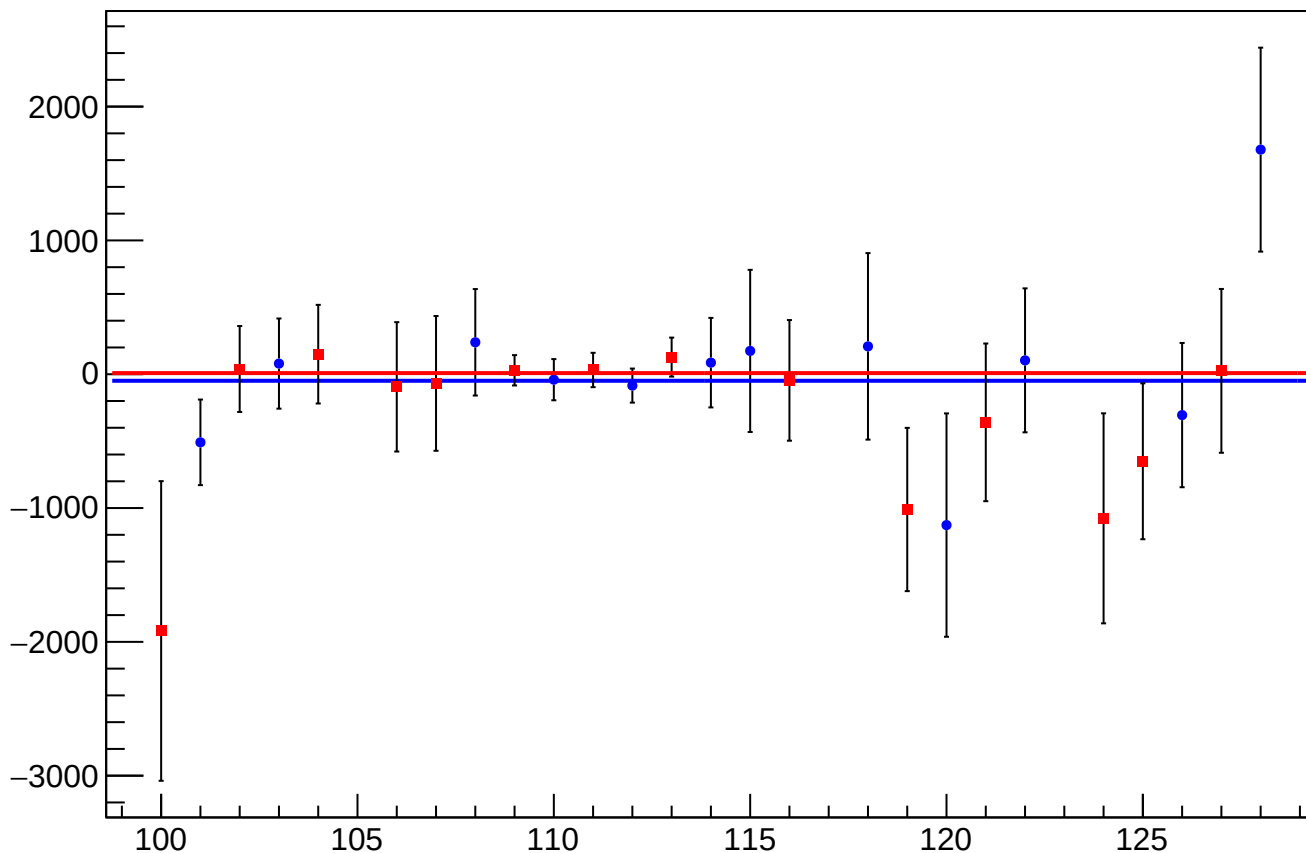
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 62.671+/-0.014 χ^2 /NDF: 480278.8/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam8_eigen_cor_correction_mean vs Slug



Right In: -48.918+/-80.922 χ^2/NDF : 10.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.511+/-66.021 χ^2/NDF : 10.3/13

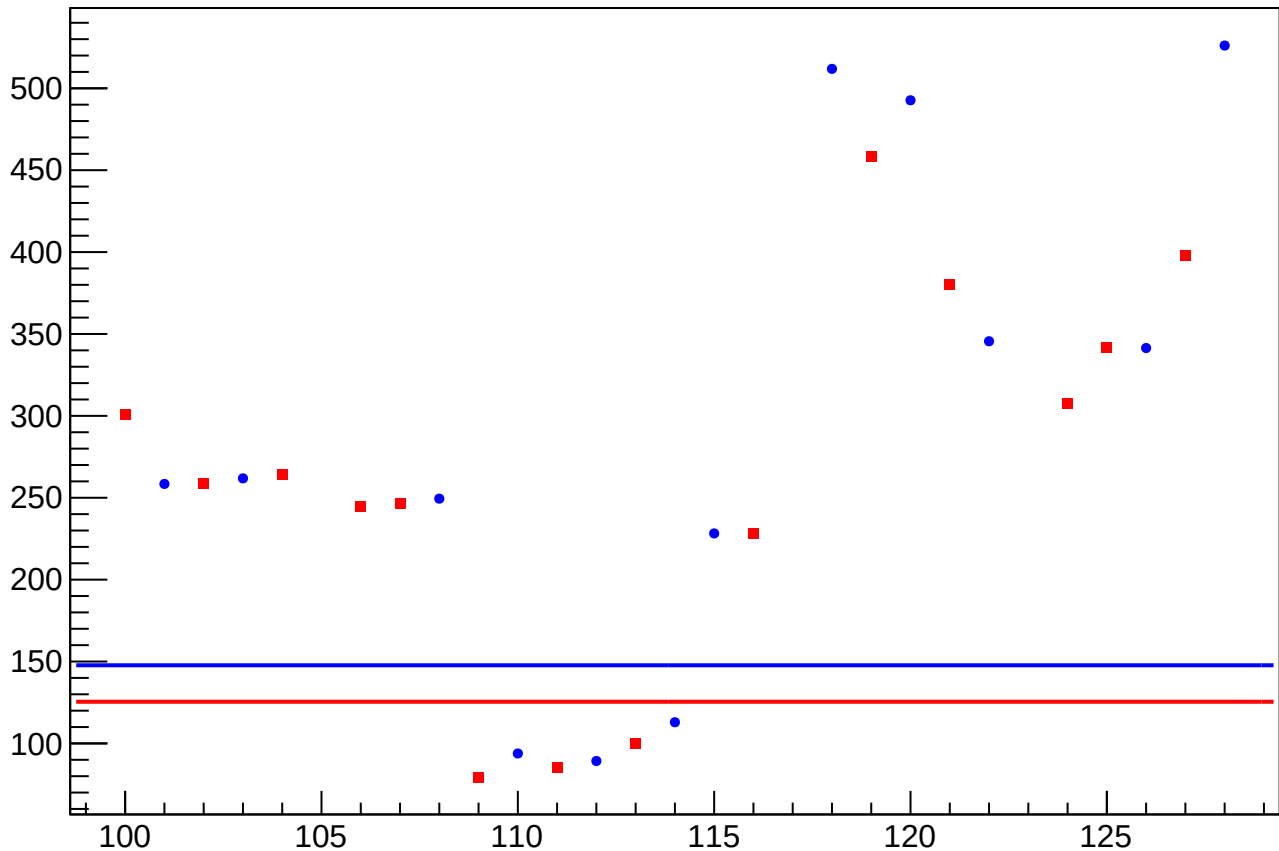
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.439+/-51.155 χ^2/NDF : 21.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_cor_correction_rms vs Slug



Right In: 147.719 $\pm$ 0.057 χ^2 /NDF: 3233332.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.449 $\pm$ 0.047 χ^2 /NDF: 3360272.5/13

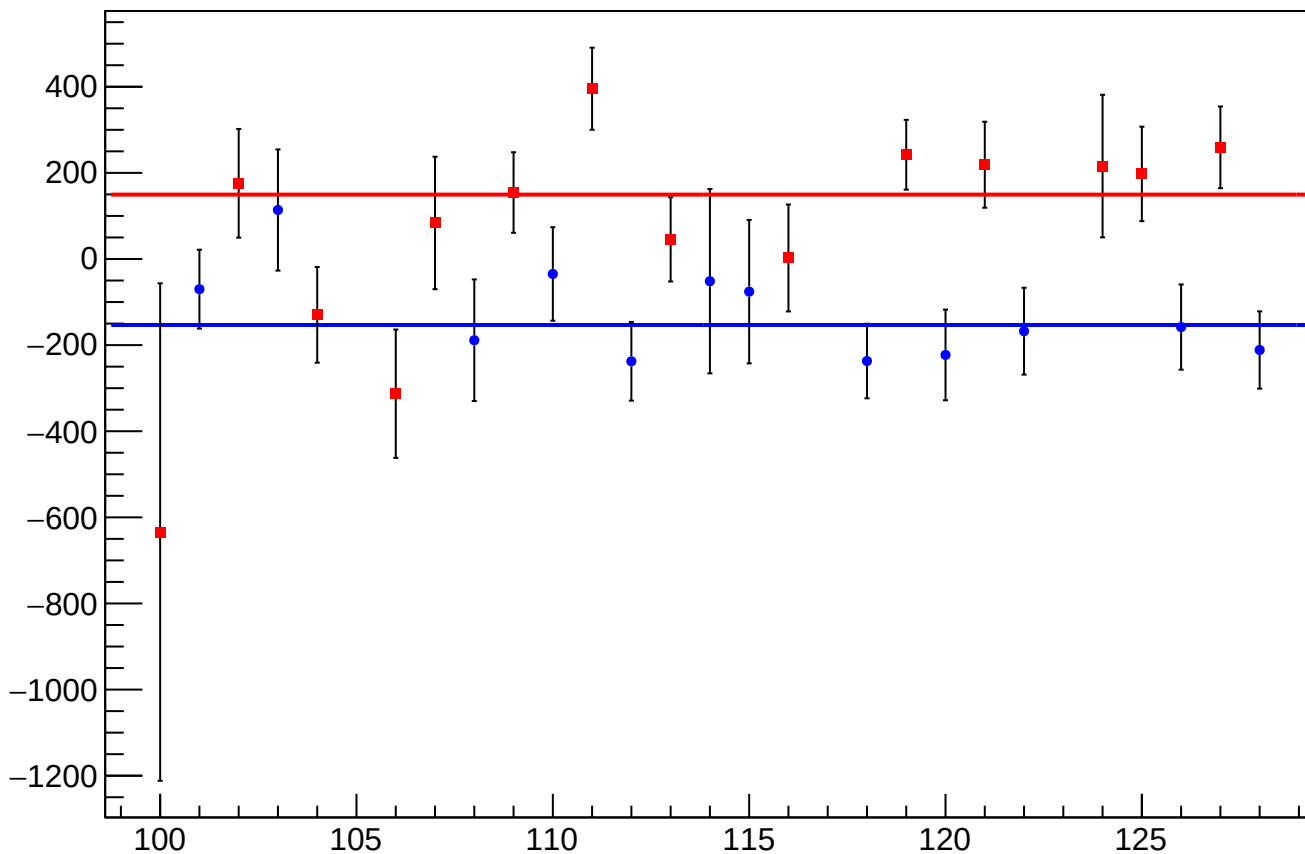
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 134.349 $\pm$ 0.036 χ^2 /NDF: 6684544.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam8_mean vs Slug



Right In: -153.234 $\pm$ 31.154 χ^2 /NDF: 8.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 149.529 $\pm$ 30.003 χ^2 /NDF: 30.7/13

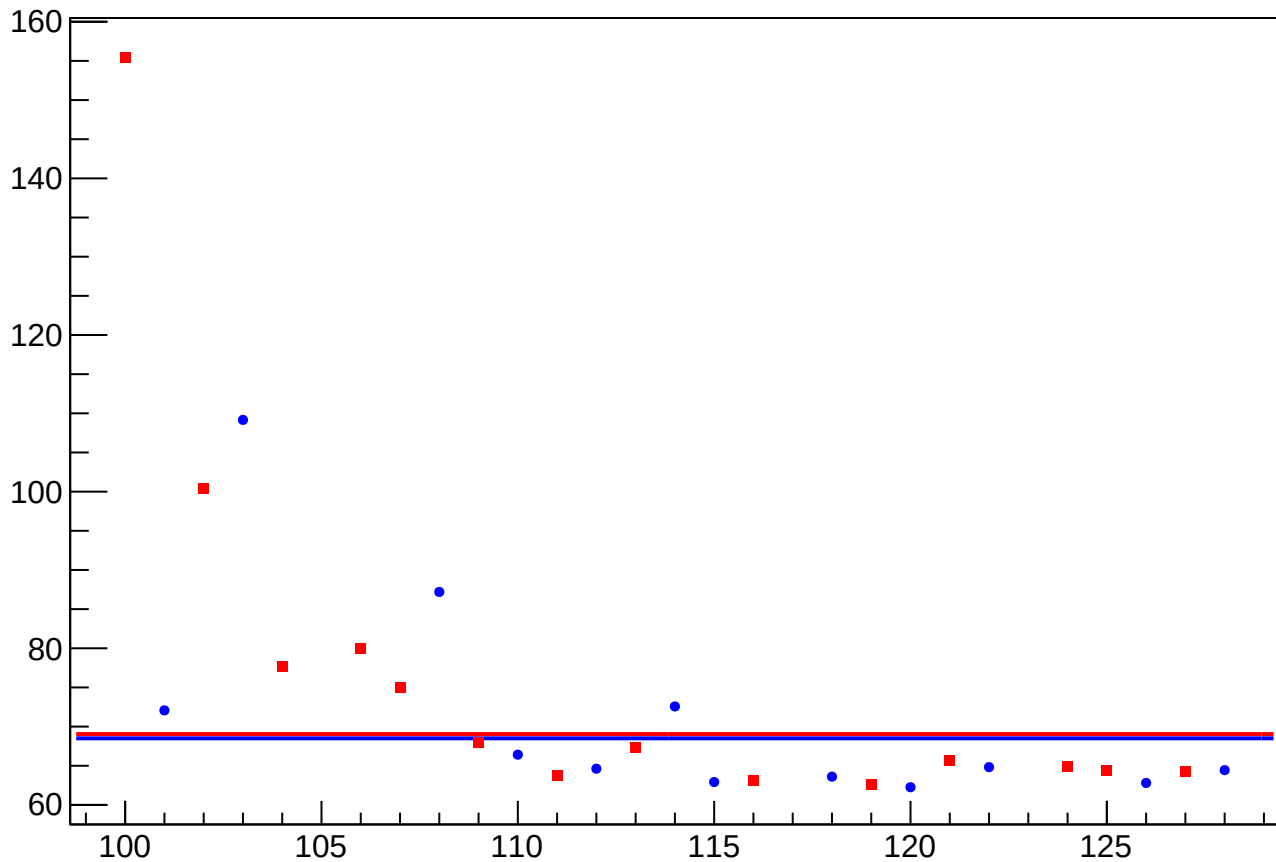
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.844 $\pm$ 21.611 χ^2 /NDF: 88.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam8_rms vs Slug



Right In: 68.503 $\pm$ 0.022 χ^2 /NDF: 239190.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 69.047 $\pm$ 0.021 χ^2 /NDF: 231007.9/13

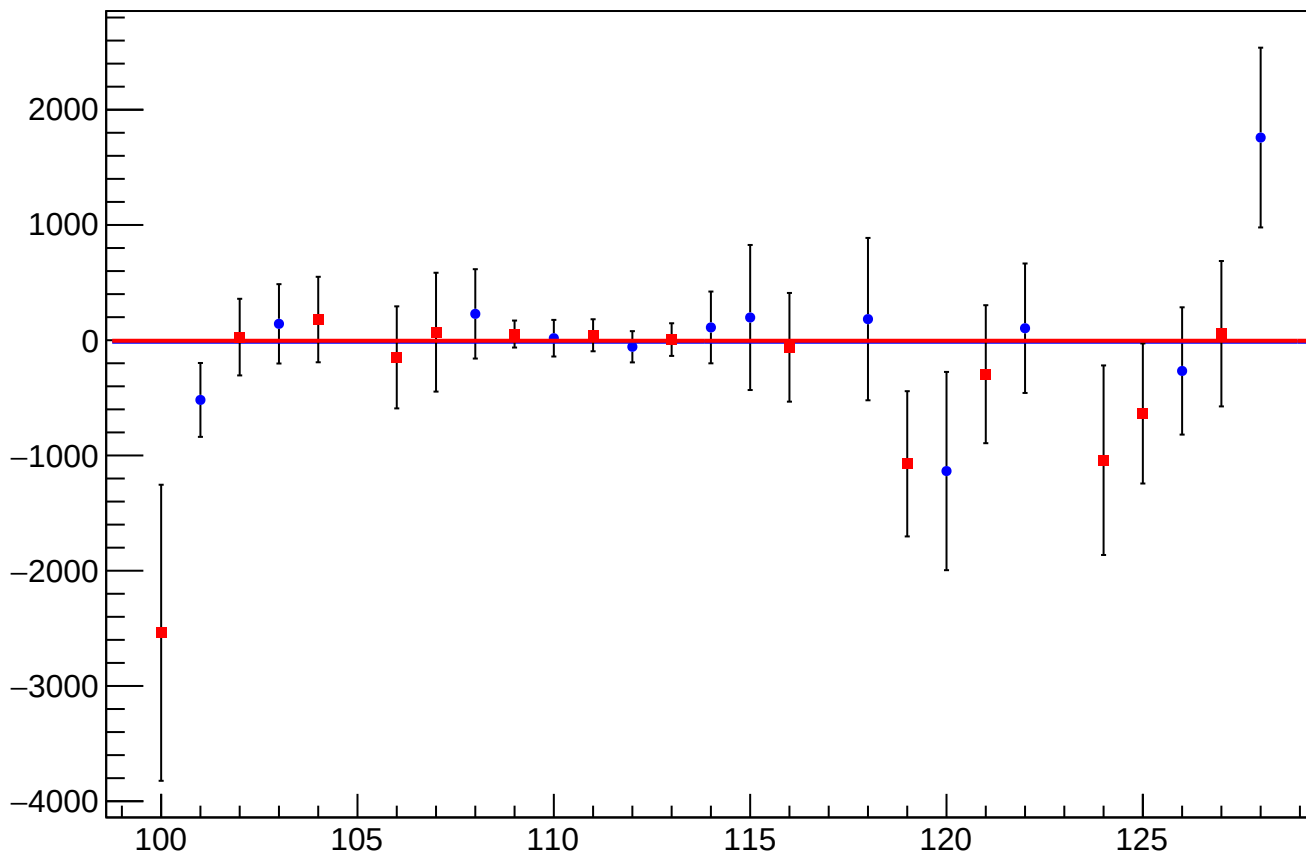
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 68.785 $\pm$ 0.015 χ^2 /NDF: 470514.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_dit_correction_mean vs Slug



Right In: -13.293+/-83.577 χ^2/NDF : 10.7/11

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.614 ± 67.910 χ^2/NDF : 10.4/13

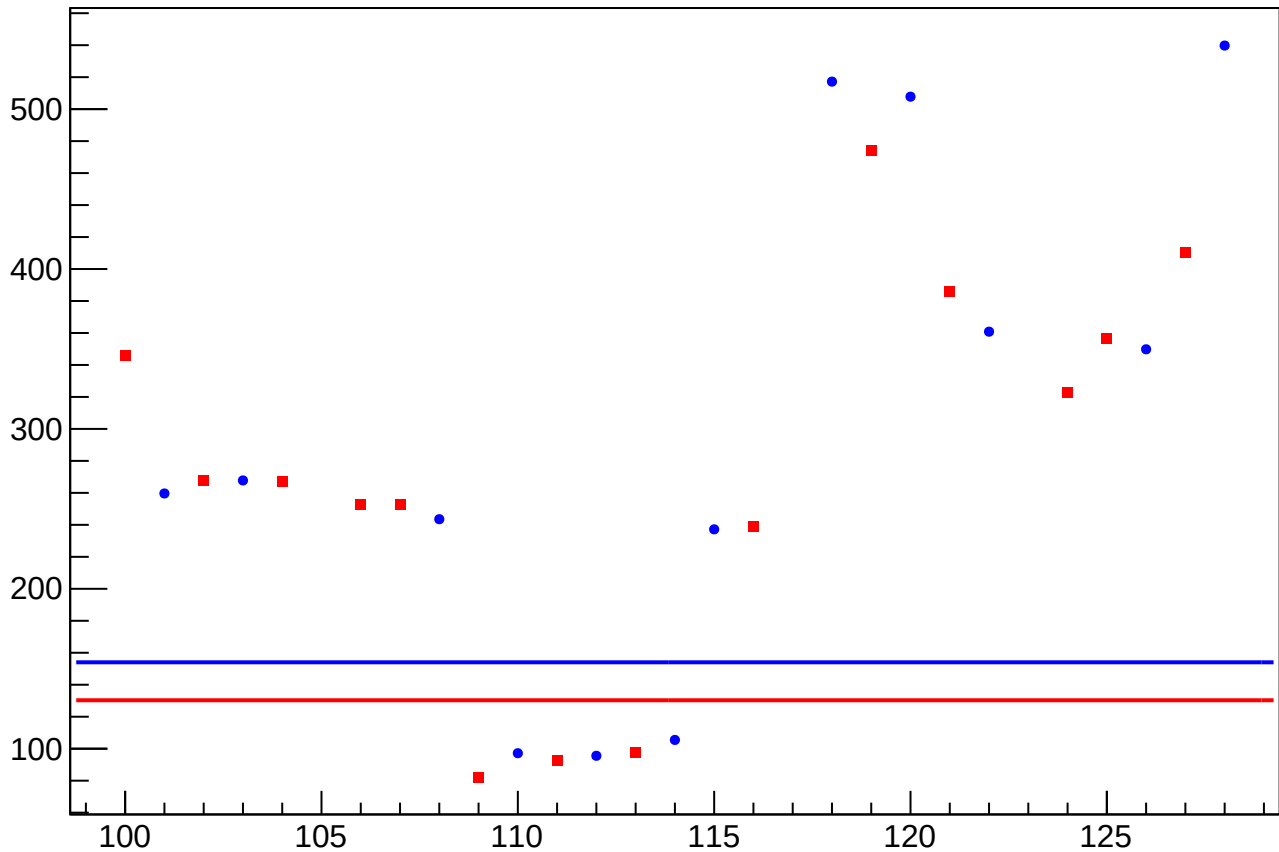
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.066 ± 52.705 χ^2/NDF : 21.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_dit_correction_rms vs Slug



Right In: 154.030+/-0.059 χ^2/NDF : 3135162.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.296+/-0.048 χ^2/NDF : 3378989.1/13

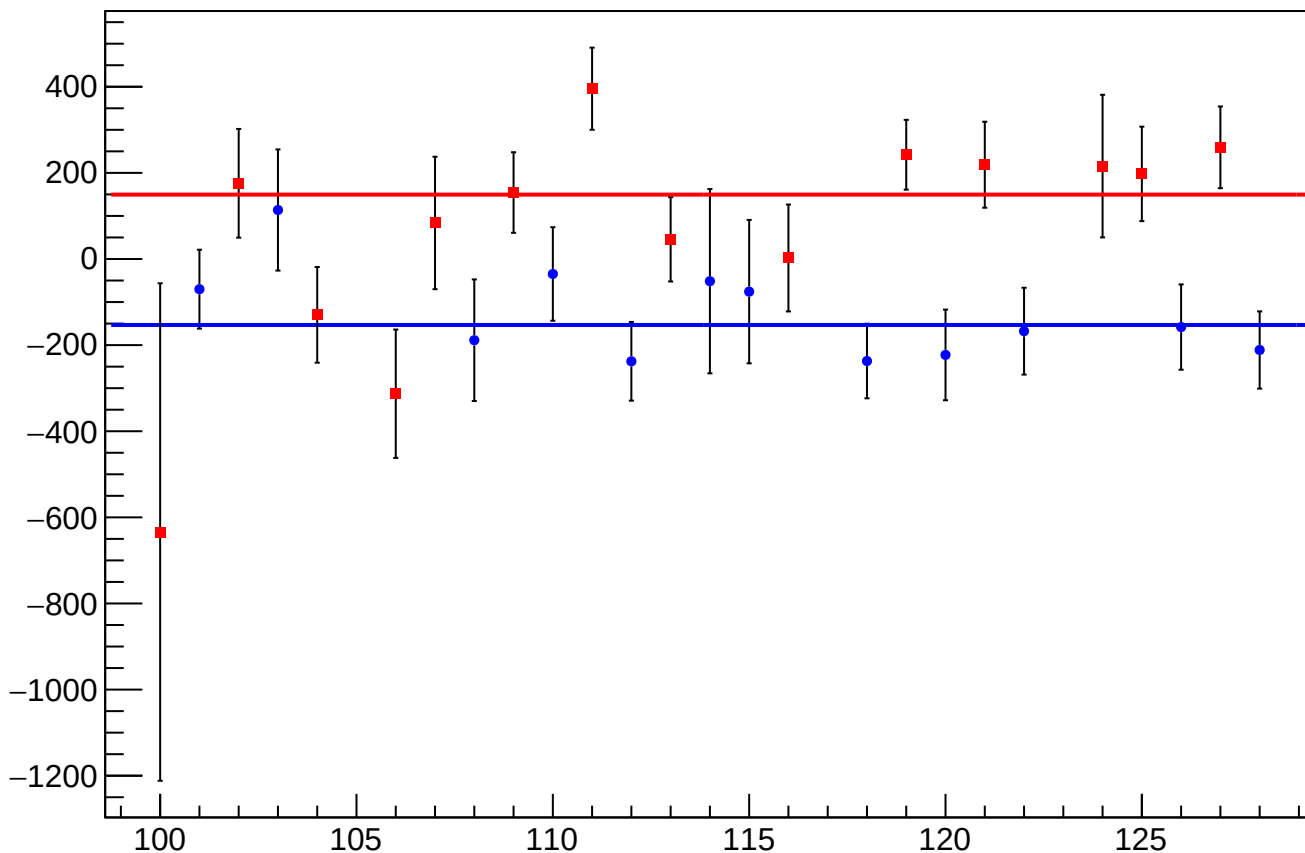
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.734+/-0.037 χ^2/NDF : 6611303.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam8_mean vs Slug



Right In: -153.234 $\pm$ 31.154 χ^2 /NDF: 8.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 149.531 $\pm$ 30.003 χ^2 /NDF: 30.7/13

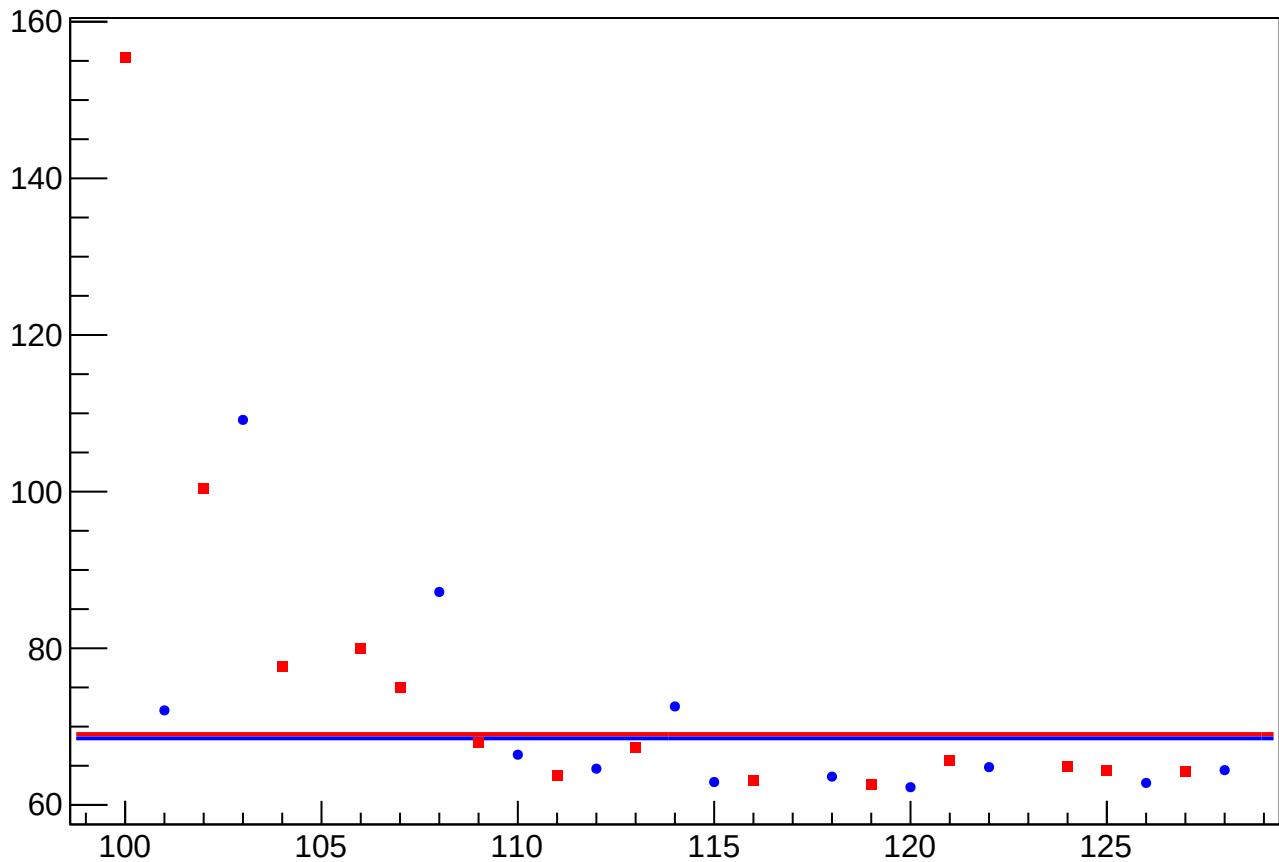
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.845 $\pm$ 21.611 χ^2 /NDF: 88.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam8_rms vs Slug



Right In: 68.503+/-0.022 χ^2/NDF : 239192.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.047+/-0.021 χ^2/NDF : 231010.6/13

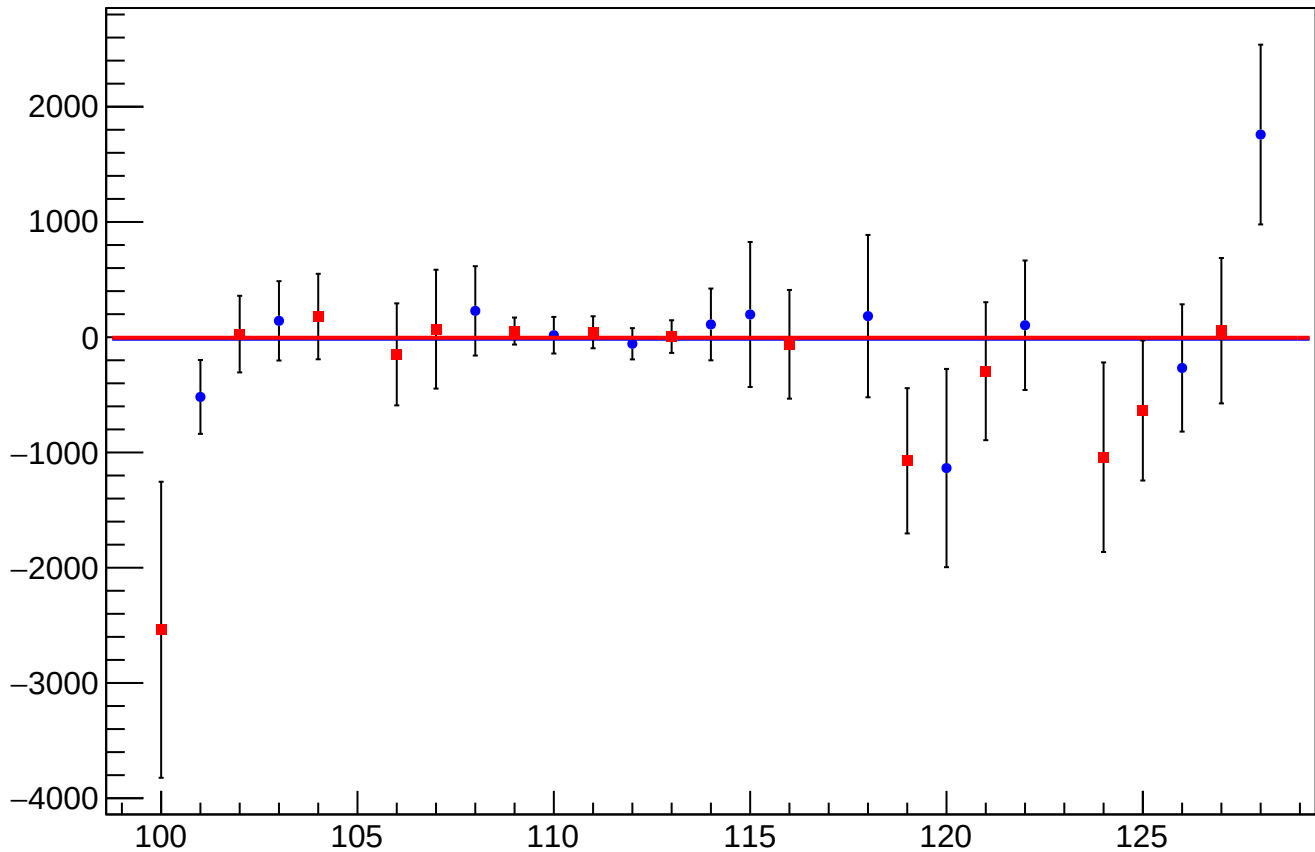
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.785+/-0.015 χ^2/NDF : 470519.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_dit_correction_mean vs Slug



Right In: -13.293+/-83.576 χ^2/NDF : 10.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.613+/-67.910 χ^2/NDF : 10.4/13

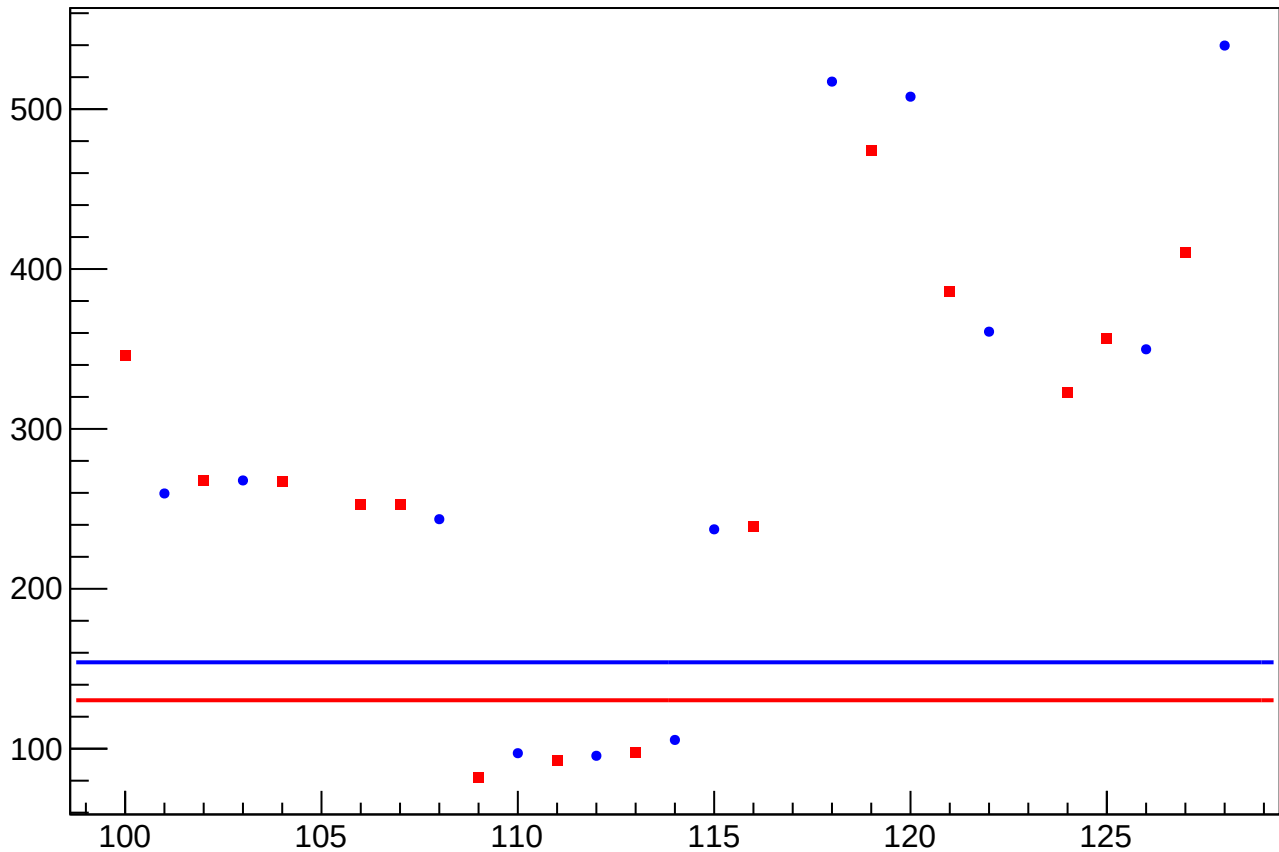
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.065+/-52.704 χ^2/NDF : 21.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_dit_correction_rms vs Slug



Right In: 154.029+/-0.059 χ^2/NDF : 3135174.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.295+/-0.048 χ^2/NDF : 3378973.7/13

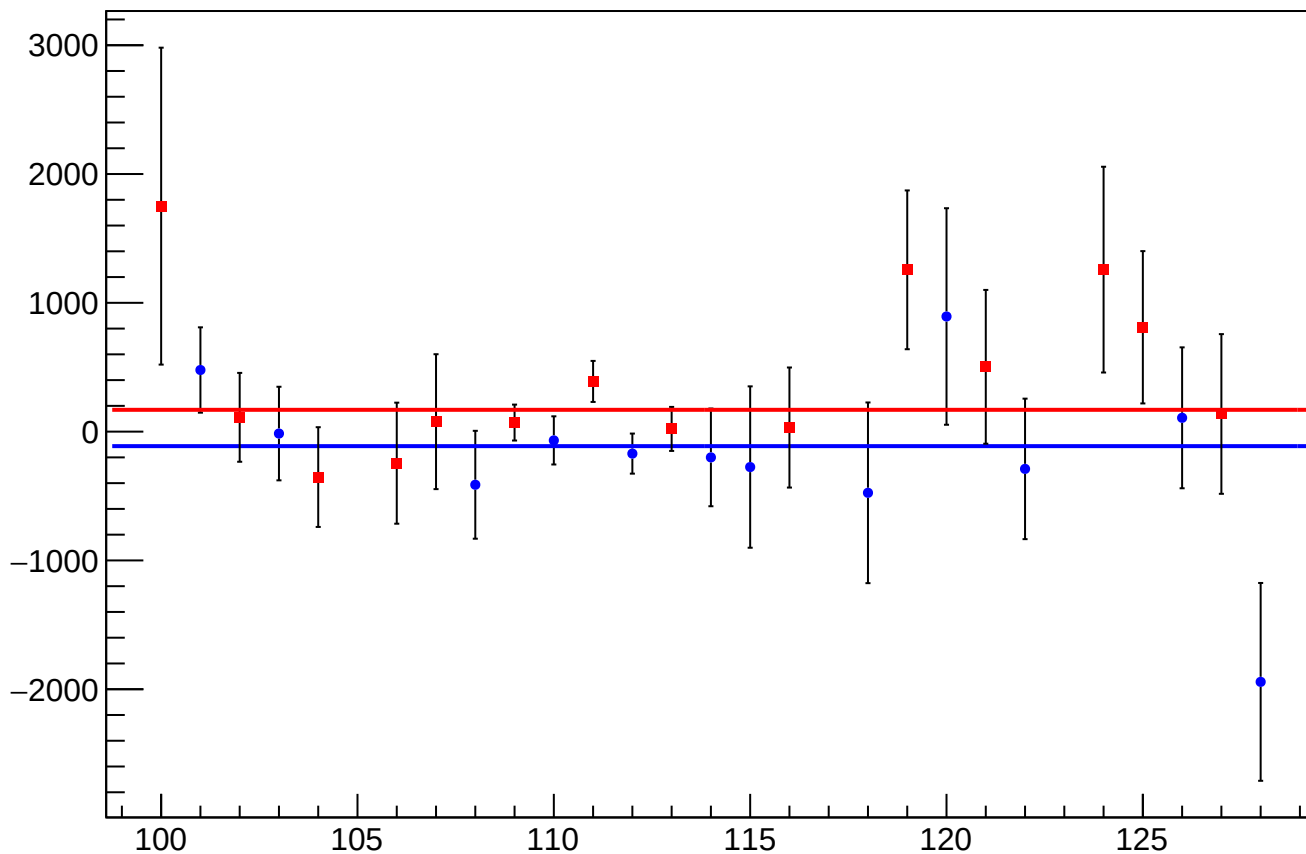
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.734+/-0.037 χ^2/NDF : 6611293.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_mean vs Slug



Right In: -112.684+/-93.803 χ^2/NDF : 11.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.289+/-77.601 χ^2/NDF : 14.0/13

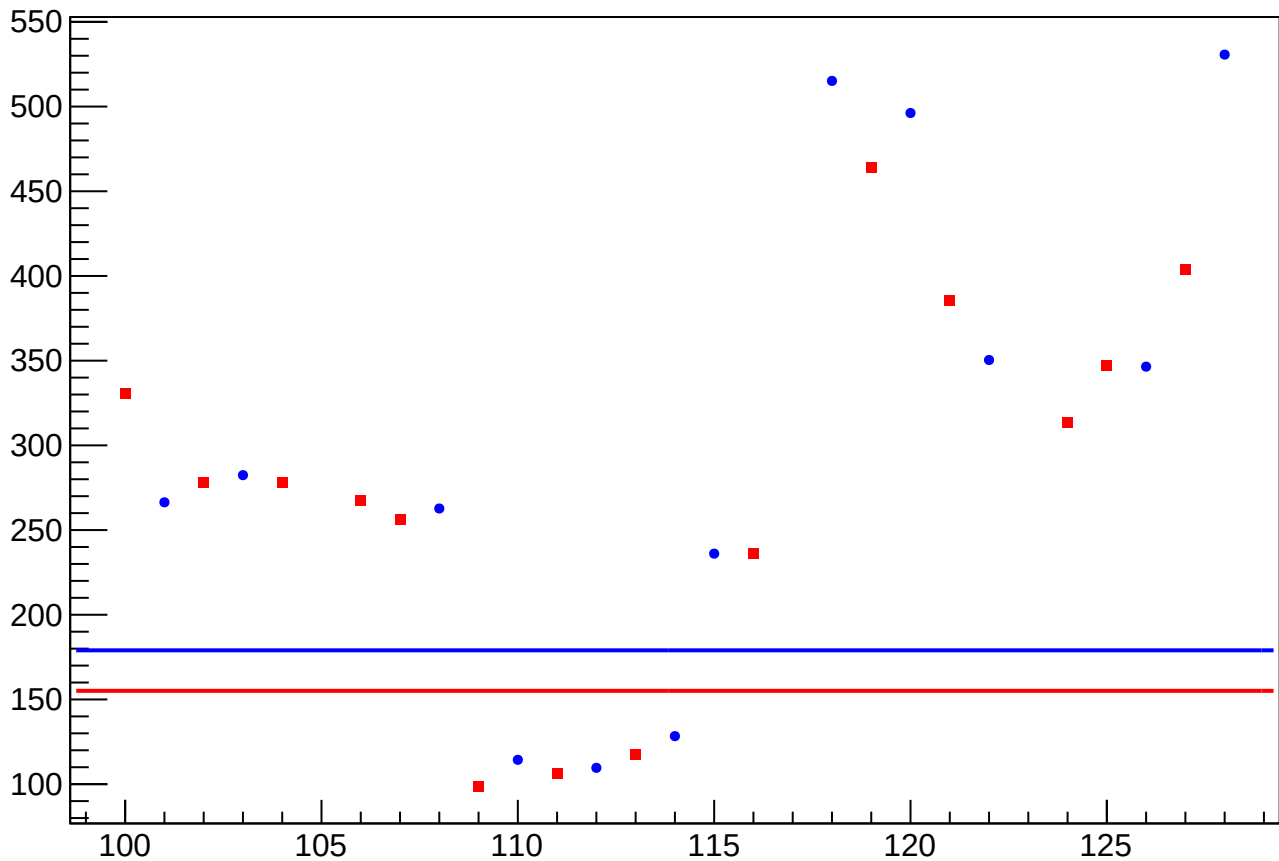
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.719+/-59.792 χ^2/NDF : 31.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_rms vs Slug



Right In: 179.004 $\pm$ 0.066 χ^2 /NDF: 2618438.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 155.099 $\pm$ 0.055 χ^2 /NDF: 2770682.6/13

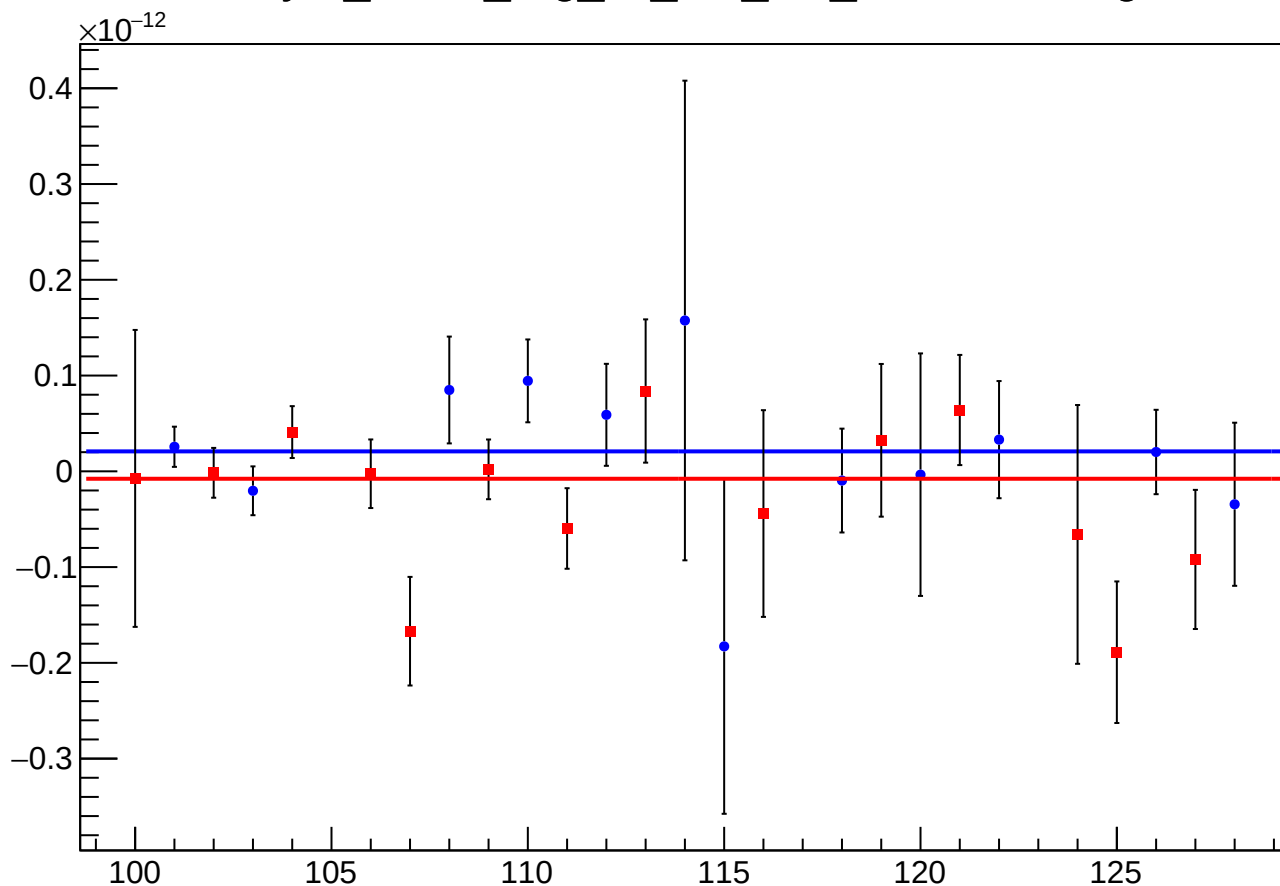
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 164.812 $\pm$ 0.042 χ^2 /NDF: 5466230.4/25

- sign 0.000 $\pm$ 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 : 9.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 23.8/13

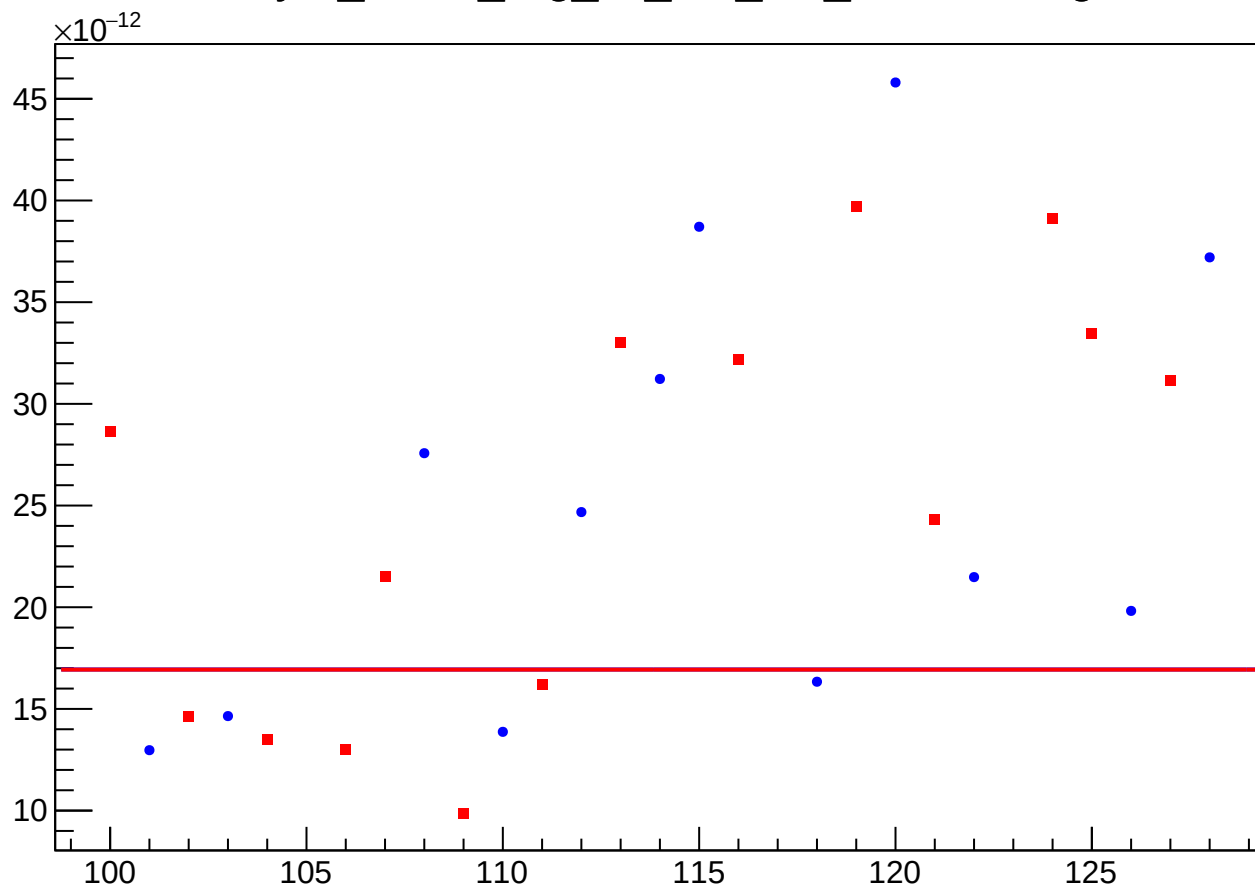
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 36.3/25

- 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 : 487226.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 759402.1/13

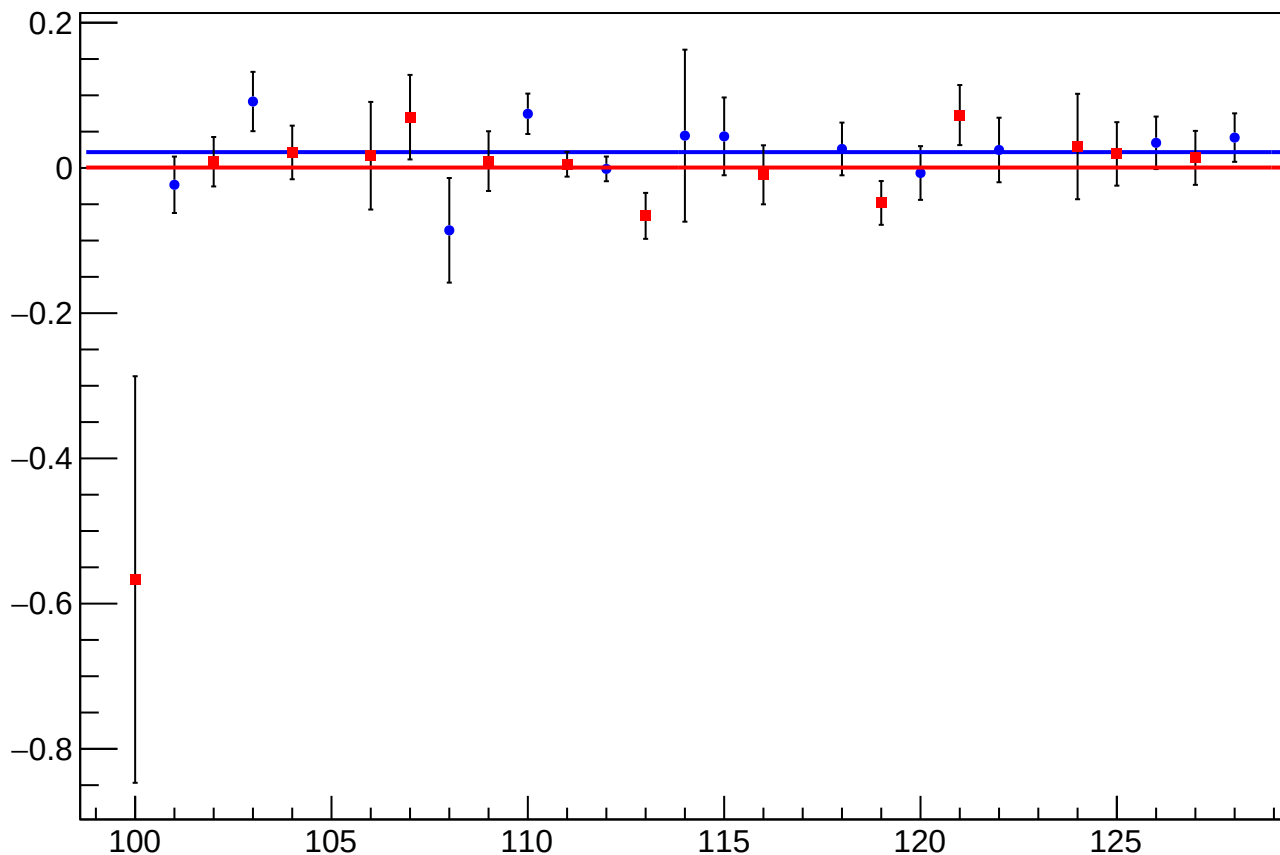
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1246628.5/25

- 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: 13.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.010 χ^2 /NDF: 16.7/13

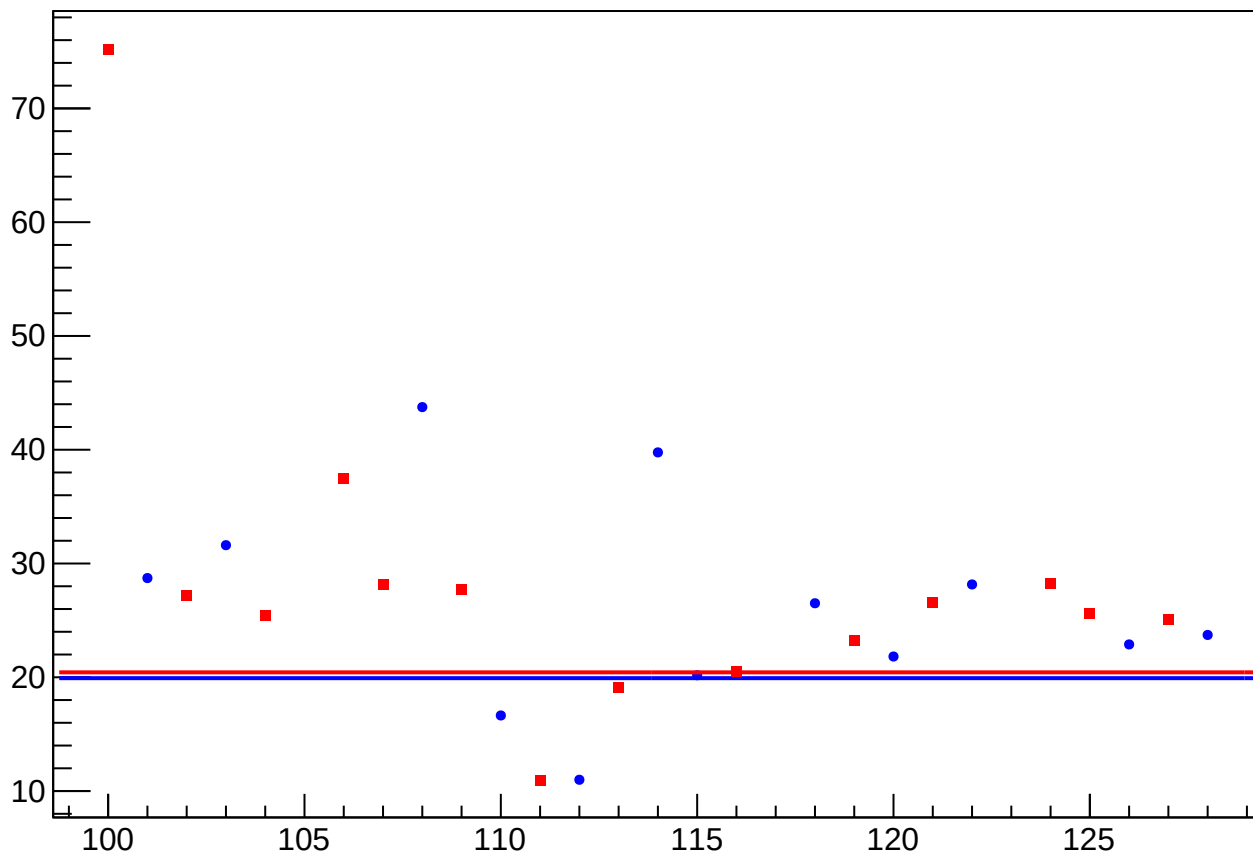
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.011 $\pm$ 0.007 χ^2 /NDF: 32.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_dit_vs_cor_diff_rms vs Slug



Right In: 19.922+/-0.007 χ^2/NDF : 1301162.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.434+/-0.007 χ^2/NDF : 1166944.3/13

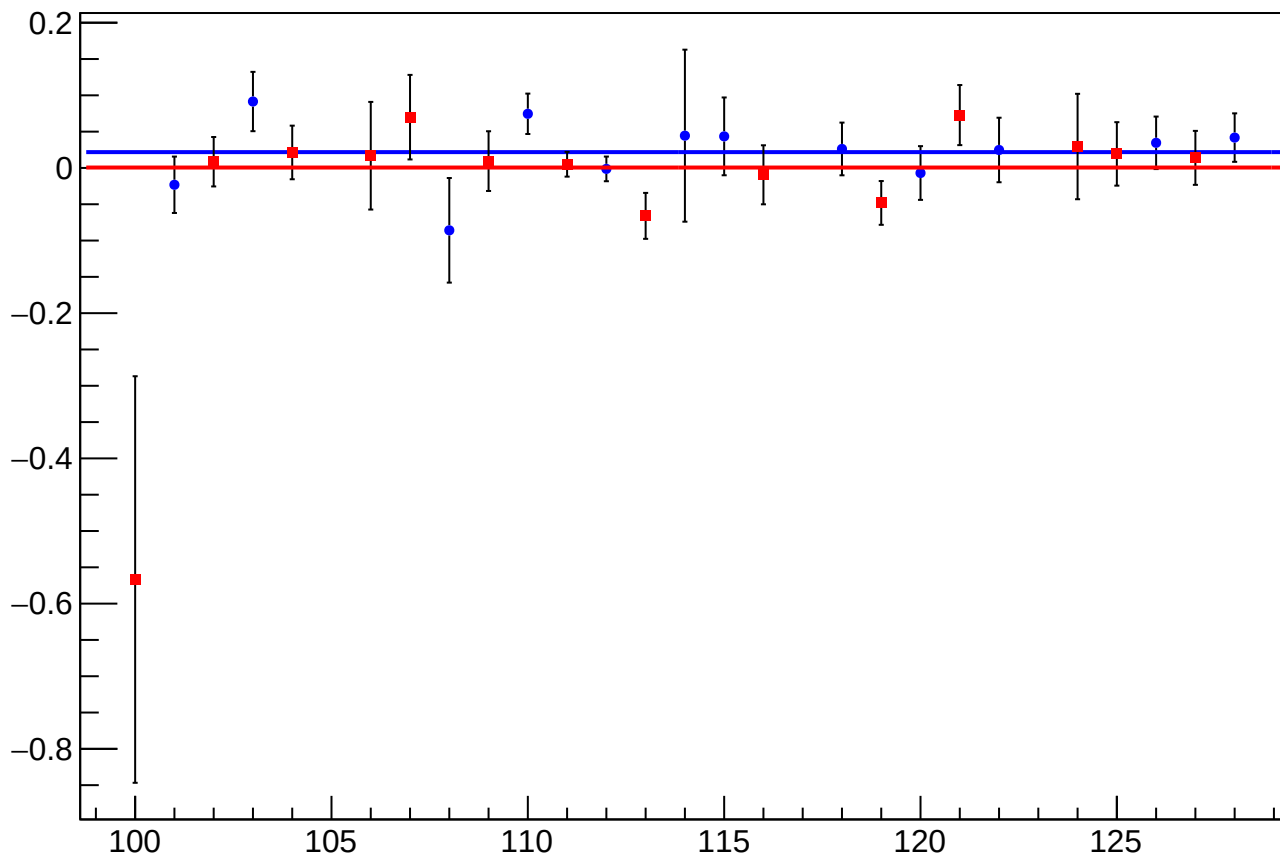
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.185+/-0.005 χ^2/NDF : 2470878.0/25

- 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+/-0.010 χ^2/NDF : 13.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.010 χ^2/NDF : 16.7/13

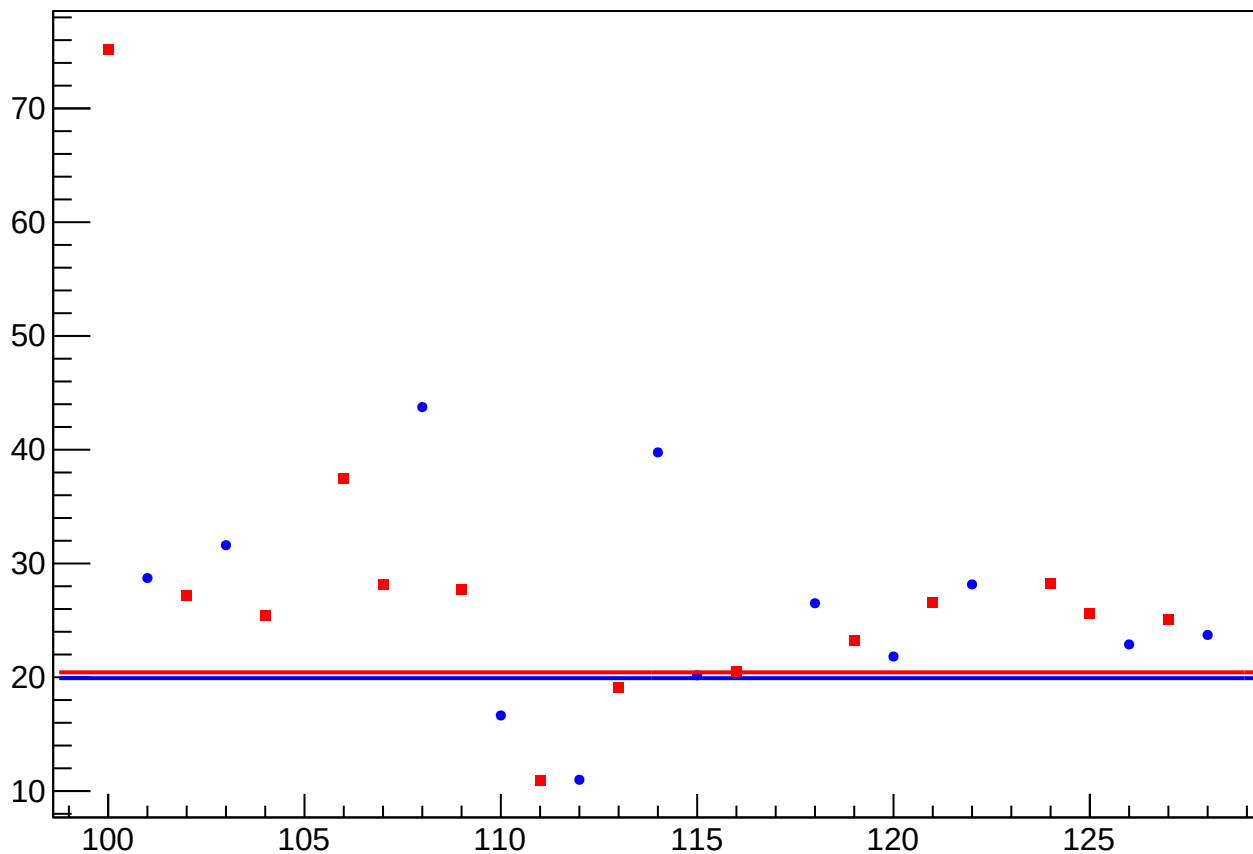
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.007 χ^2/NDF : 32.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 19.922 $\pm$ 0.007 χ^2 /NDF: 1301162.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.434 $\pm$ 0.007 χ^2 /NDF: 1166944.3/13

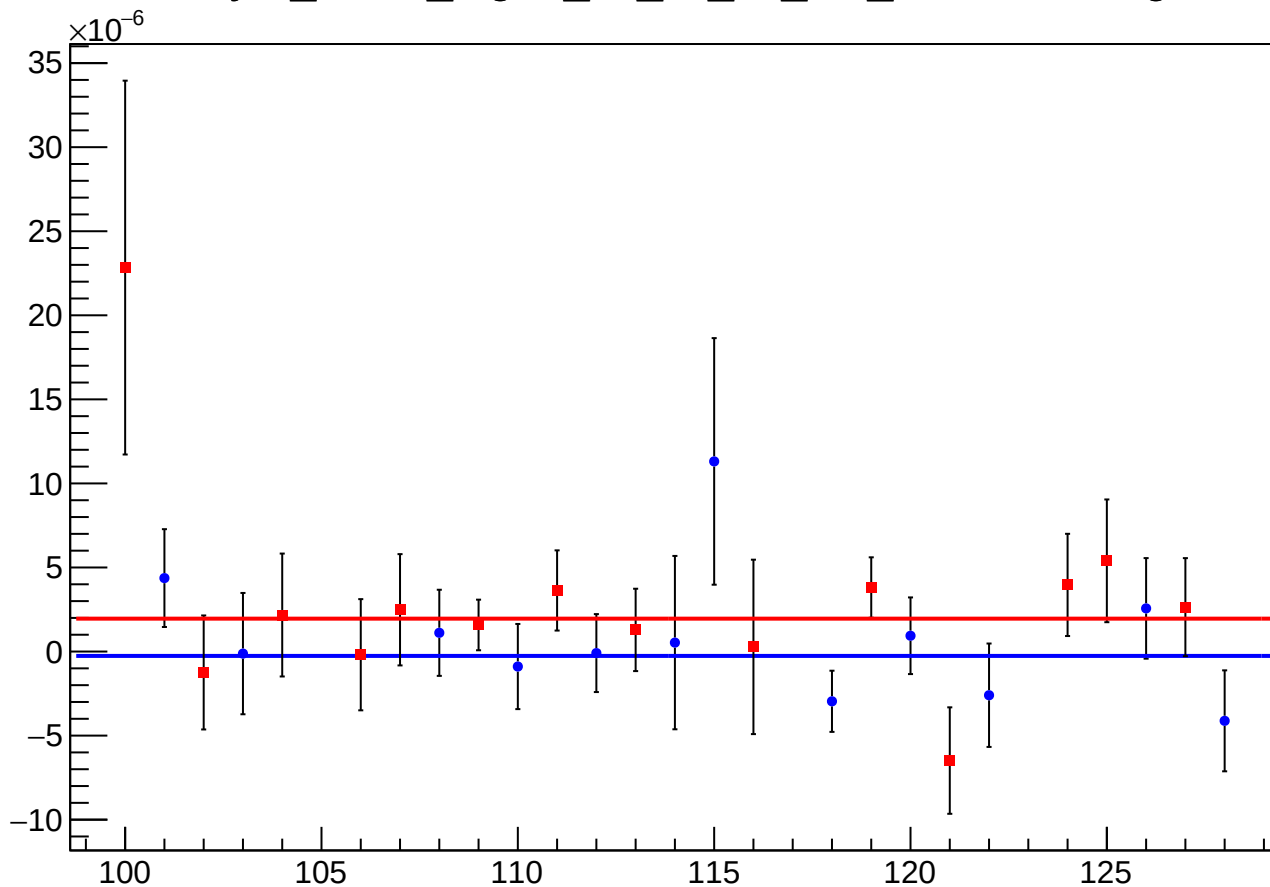
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.185 $\pm$ 0.005 χ^2 /NDF: 2470878.0/25

- sign 0.000 $\pm$ 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: 11.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.2/13

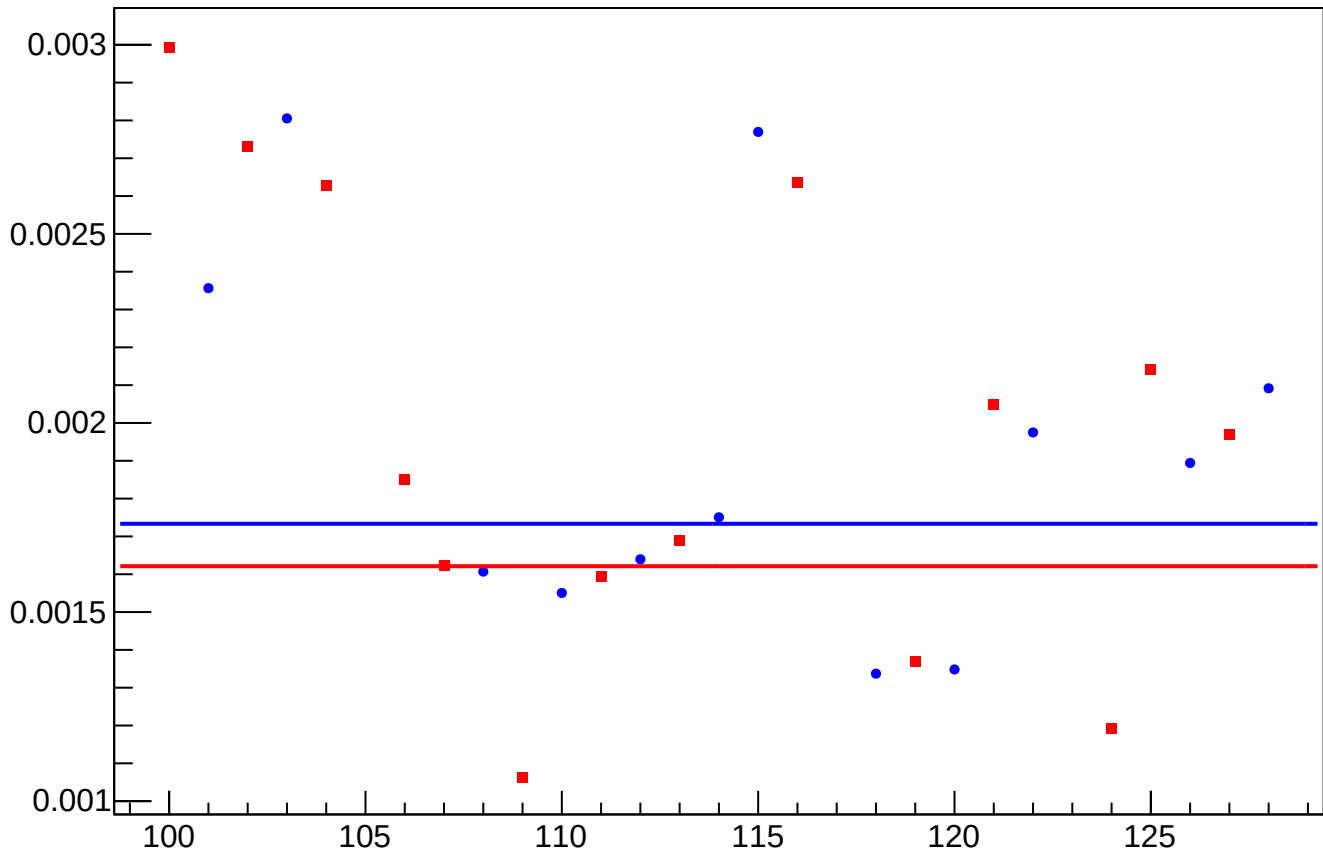
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 30.4/25

- 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 : 525423.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 944264.5/13

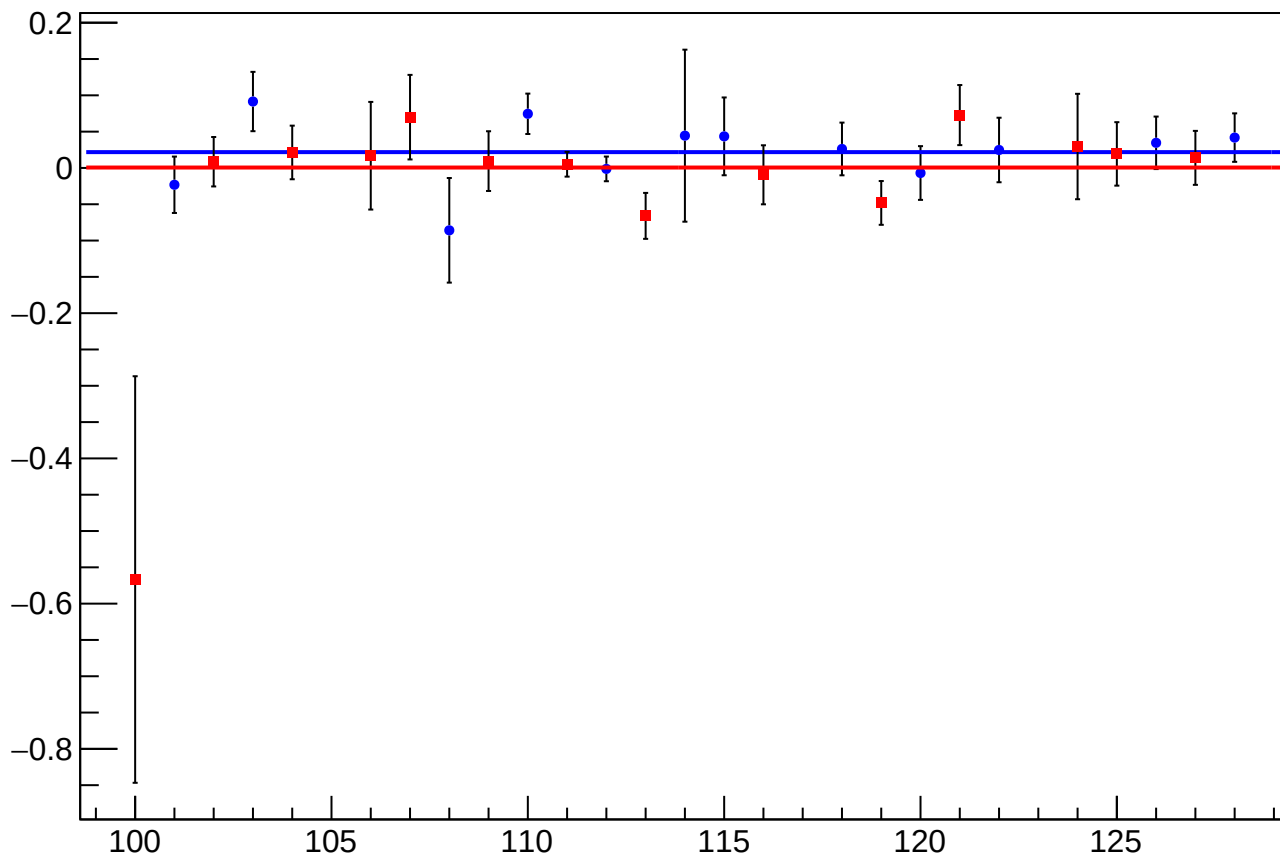
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1491243.9/25

- 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: 13.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.010 χ^2 /NDF: 16.7/13

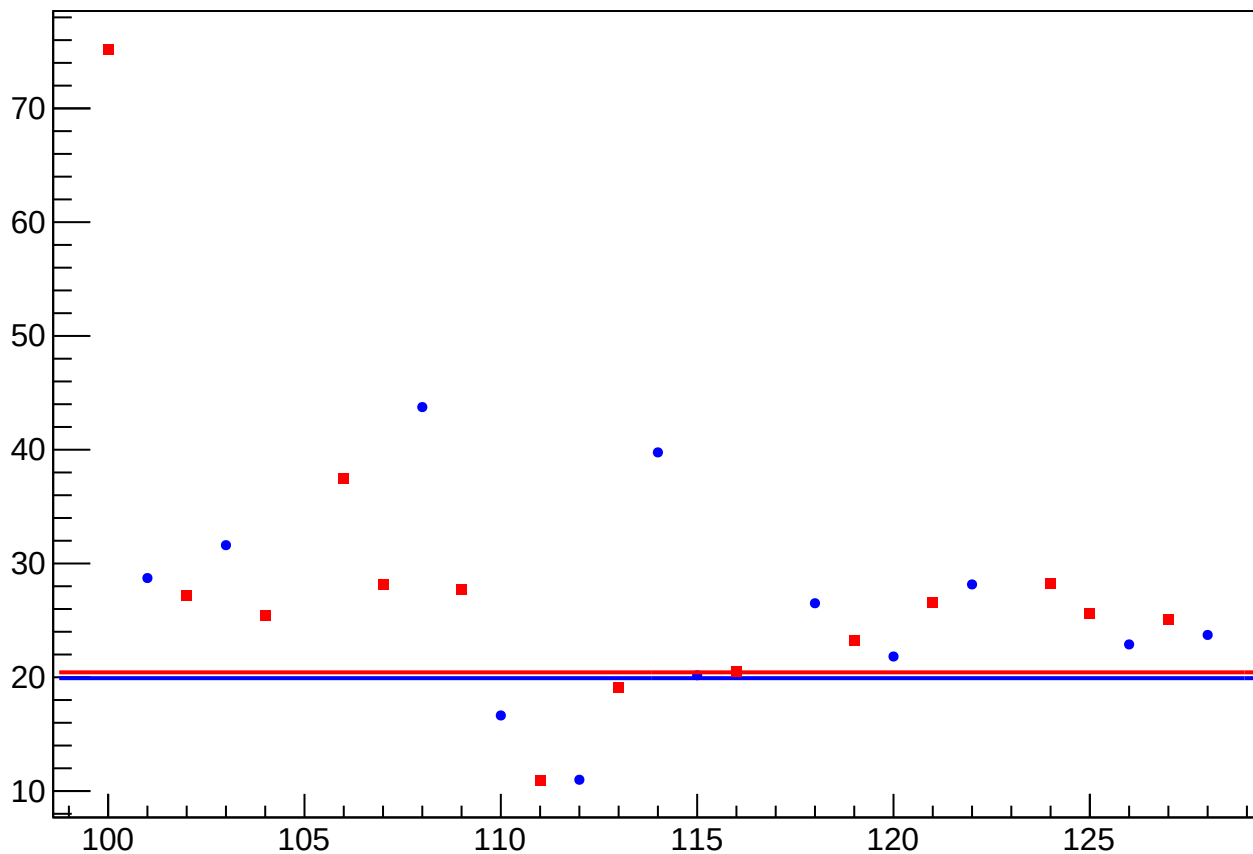
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.011 $\pm$ 0.007 χ^2 /NDF: 32.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 19.921+/-0.007 χ^2/NDF : 1301306.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.433+/-0.007 χ^2/NDF : 1167085.1/13

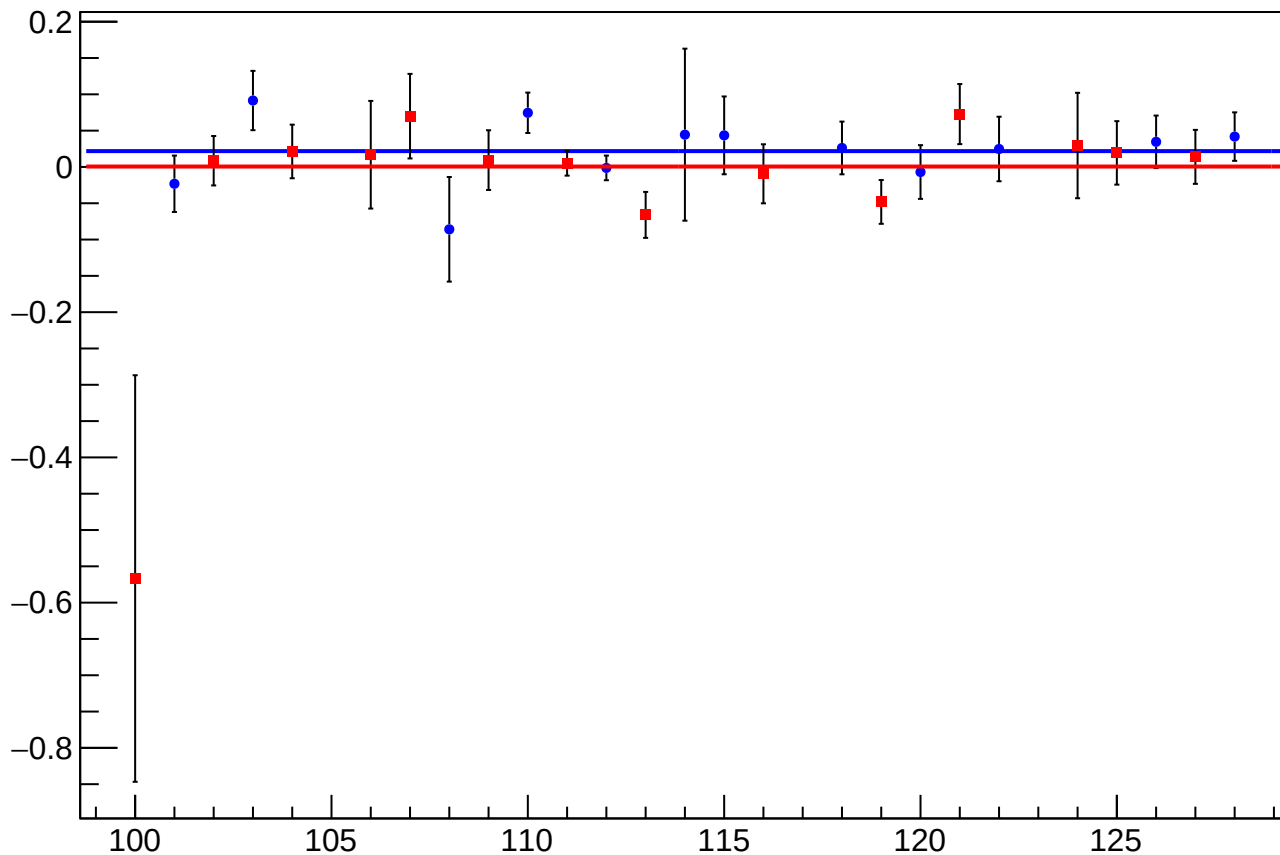
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.184+/-0.005 χ^2/NDF : 2471163.6/25

- 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: 13.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.010 χ^2 /NDF: 16.7/13

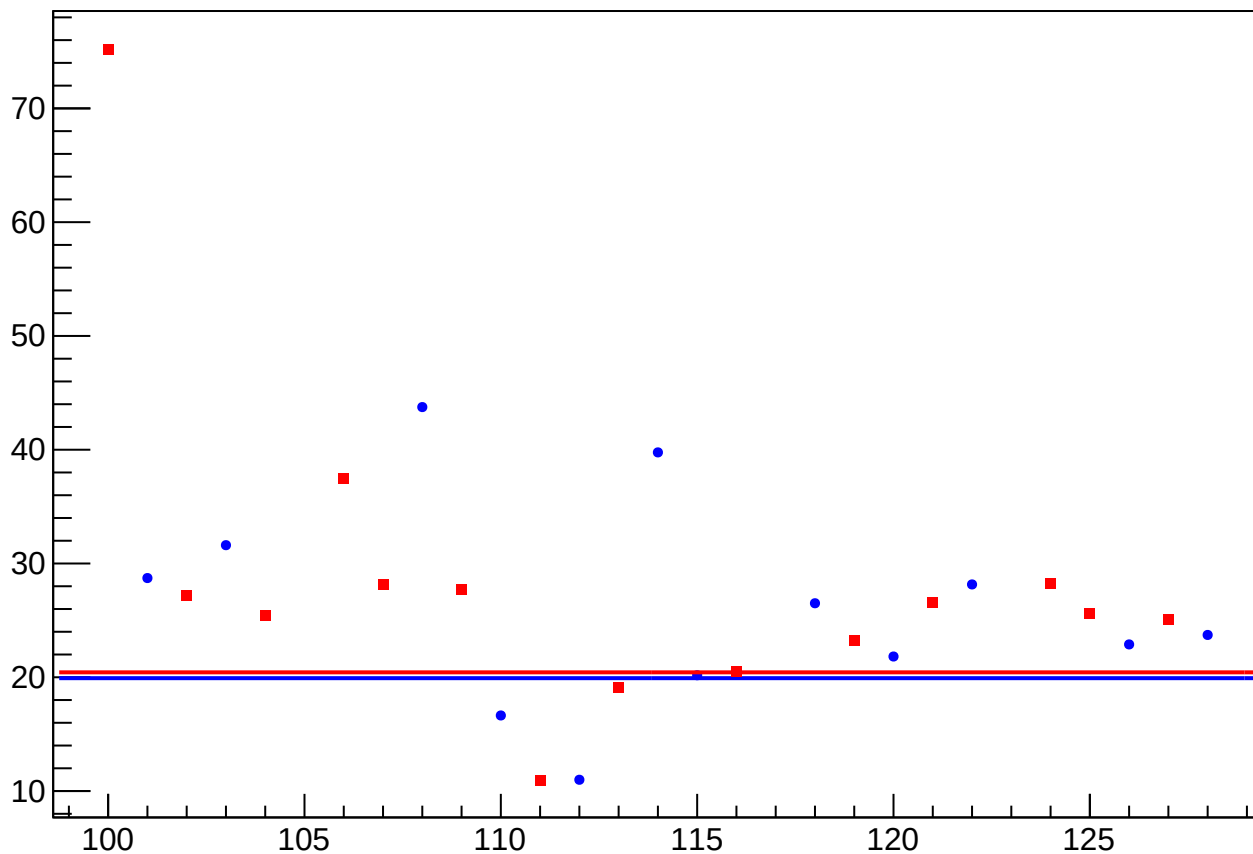
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.011 $\pm$ 0.007 χ^2 /NDF: 32.3/25

- 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: 19.921+/-0.007 χ^2/NDF : 1301306.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.433+/-0.007 χ^2/NDF : 1167085.1/13

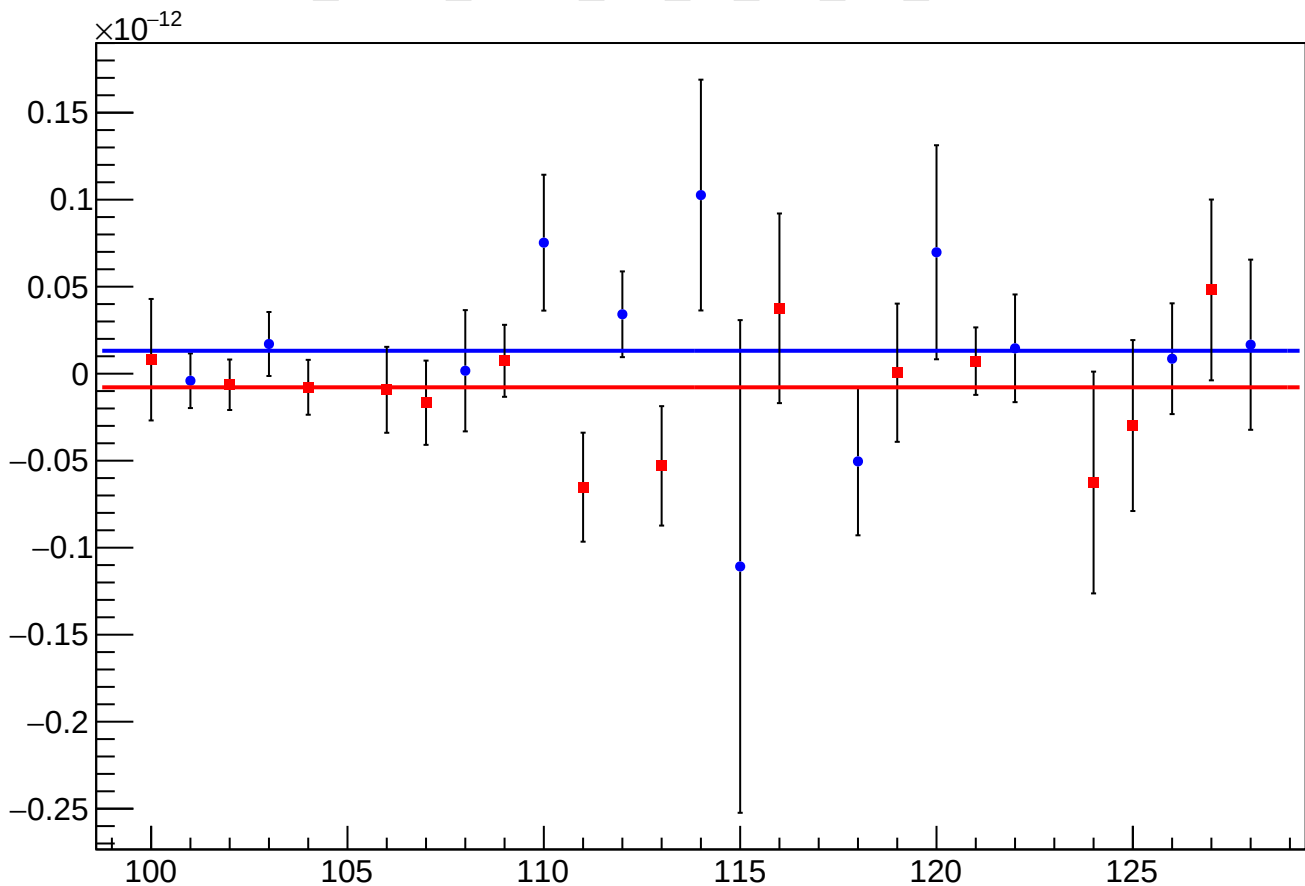
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.184+/-0.005 χ^2/NDF : 2471163.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 10.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.4/13

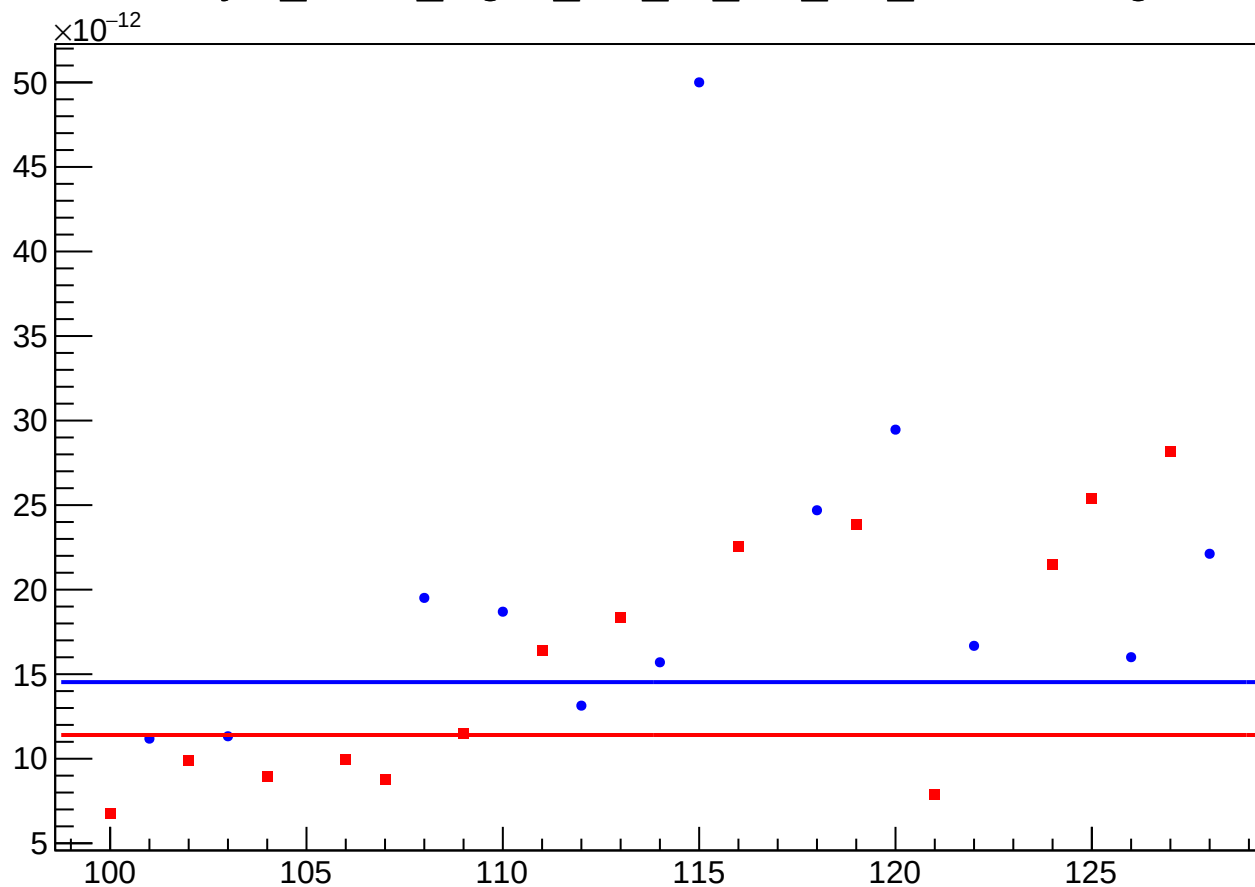
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 641880.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1037115.5/13

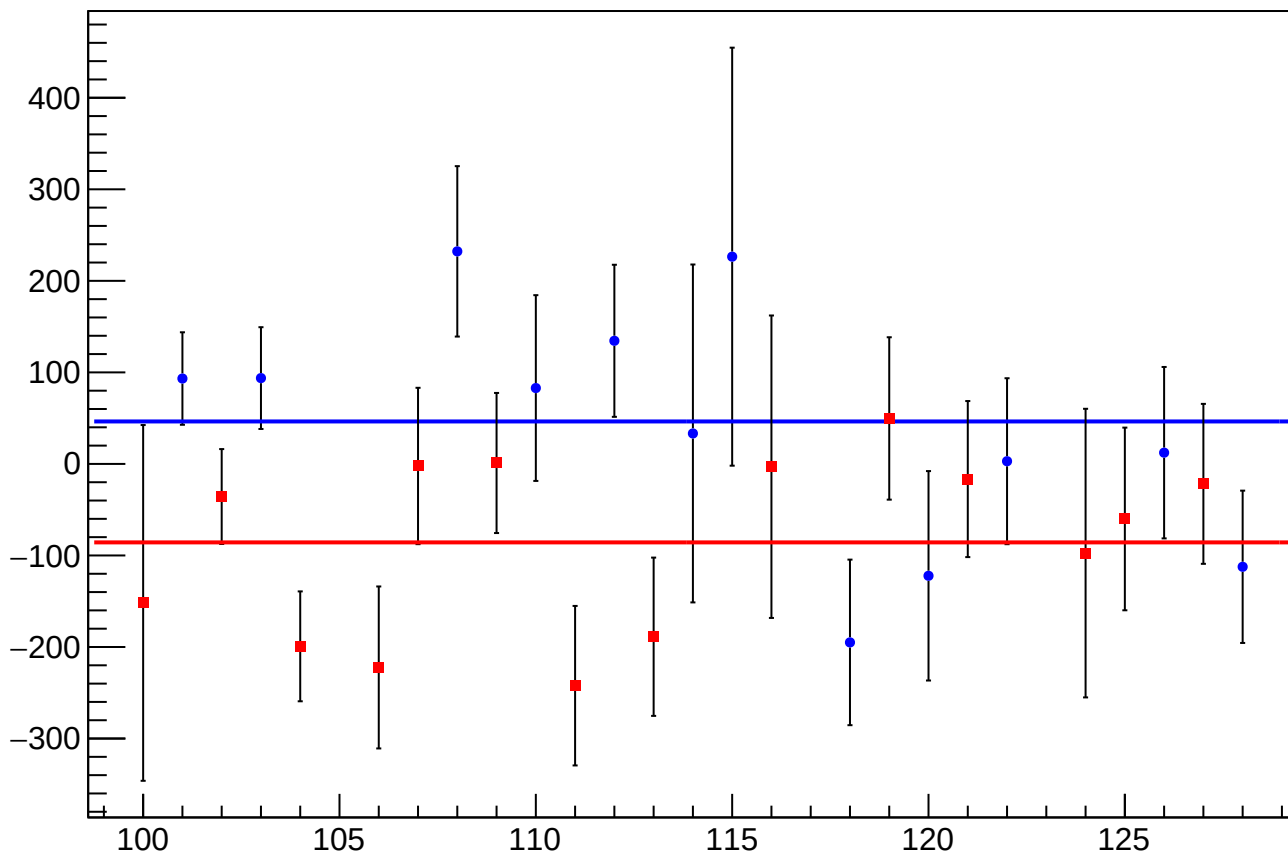
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1843491.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_mean vs Slug



Right In: 46.401 $\pm$ 24.251 χ^2 /NDF: 20.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -85.724 $\pm$ 22.643 χ^2 /NDF: 17.7/13

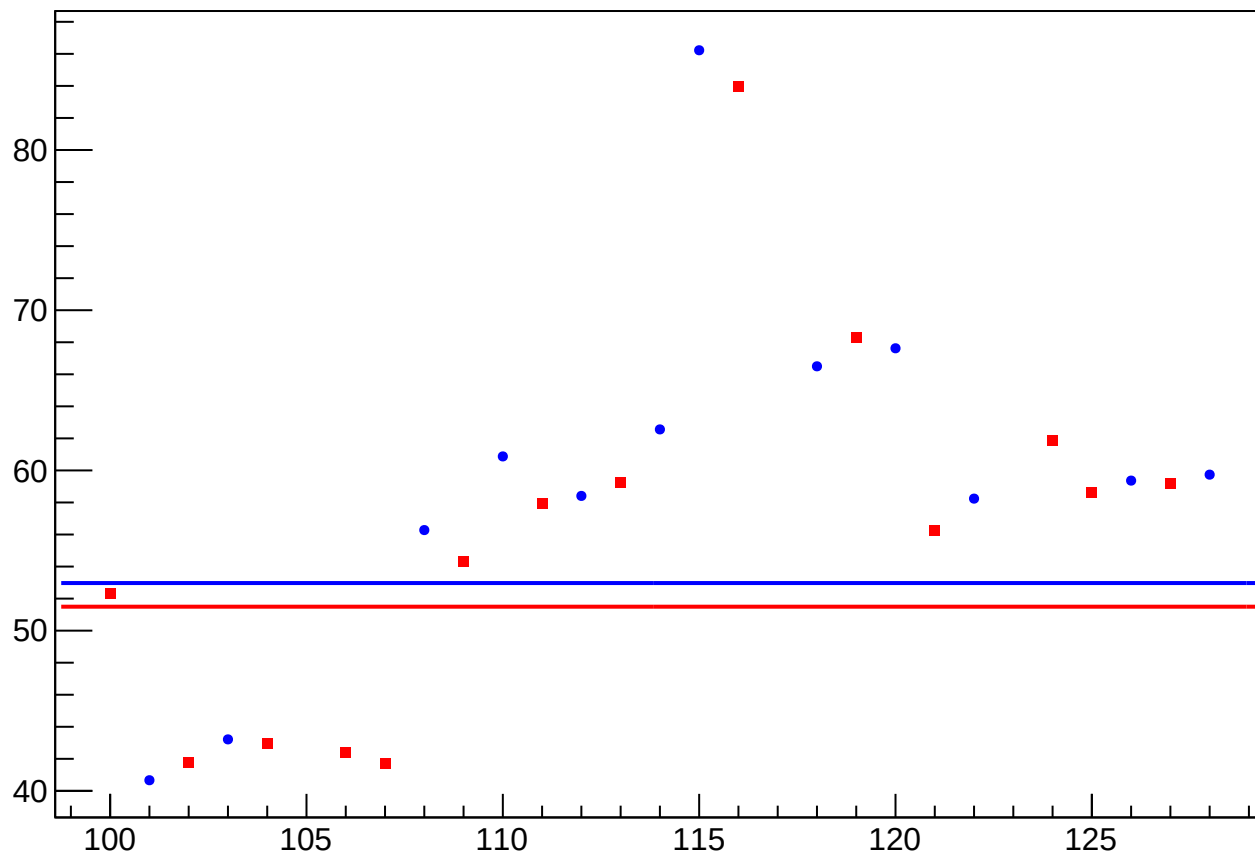
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -24.187 $\pm$ 16.551 χ^2 /NDF: 54.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_avg_rms vs Slug



Right In: 52.971+/-0.017 χ^2/NDF : 358242.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.496+/-0.016 χ^2/NDF : 377628.5/13

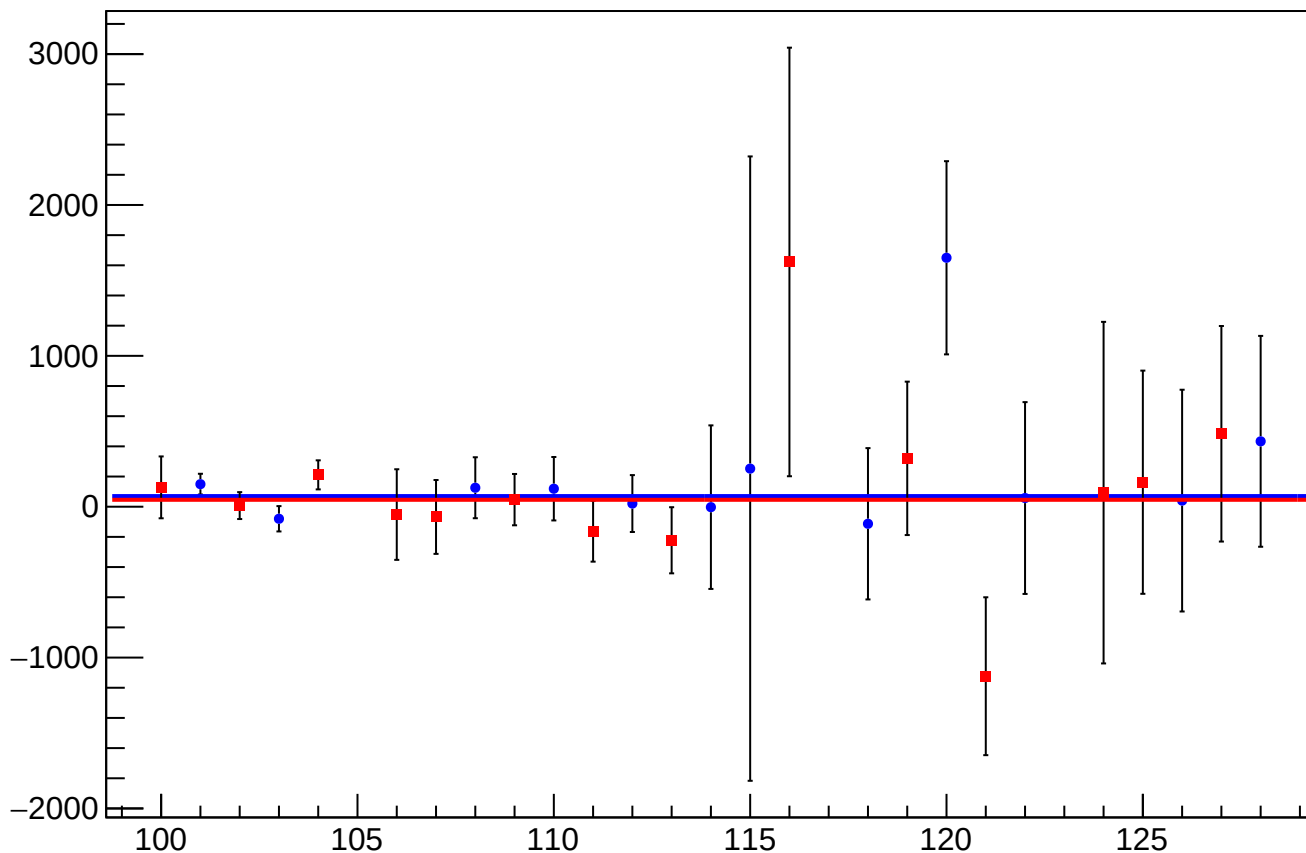
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.183+/-0.012 χ^2/NDF : 739826.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_reg_correction_mean vs Slug



Right In: 70.472+/-47.417 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.794+/-51.455 χ^2/NDF : 13.1/13

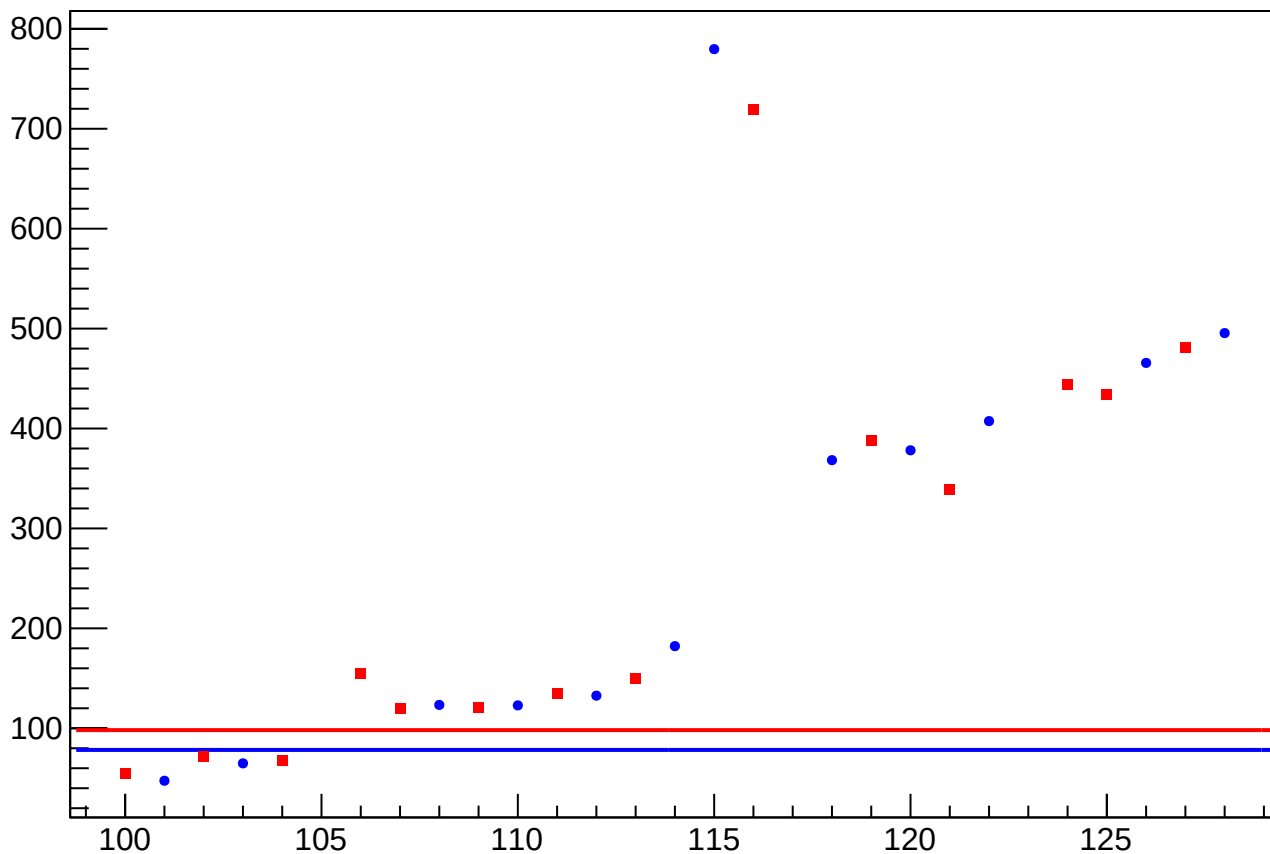
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.139+/-34.869 χ^2/NDF : 24.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_reg_correction_rms vs Slug



Right In: 78.336+/-0.034 χ^2/NDF : 4023502.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.154+/-0.036 χ^2/NDF : 3405701.2/13

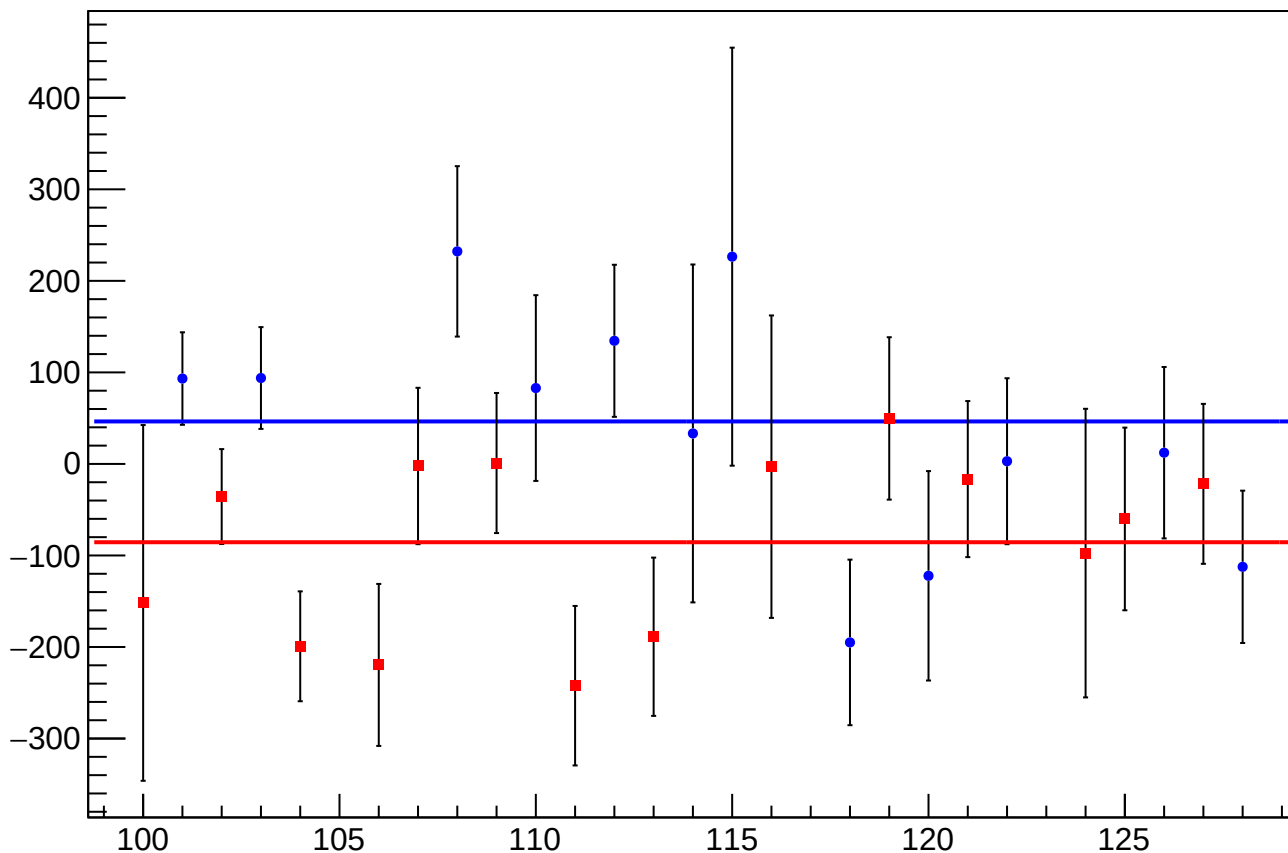
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.437+/-0.025 χ^2/NDF : 7589633.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_avg_mean vs Slug



Right In: 46.416+/-24.251 χ^2/NDF : 20.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -85.546+/-22.645 χ^2/NDF : 17.6/13

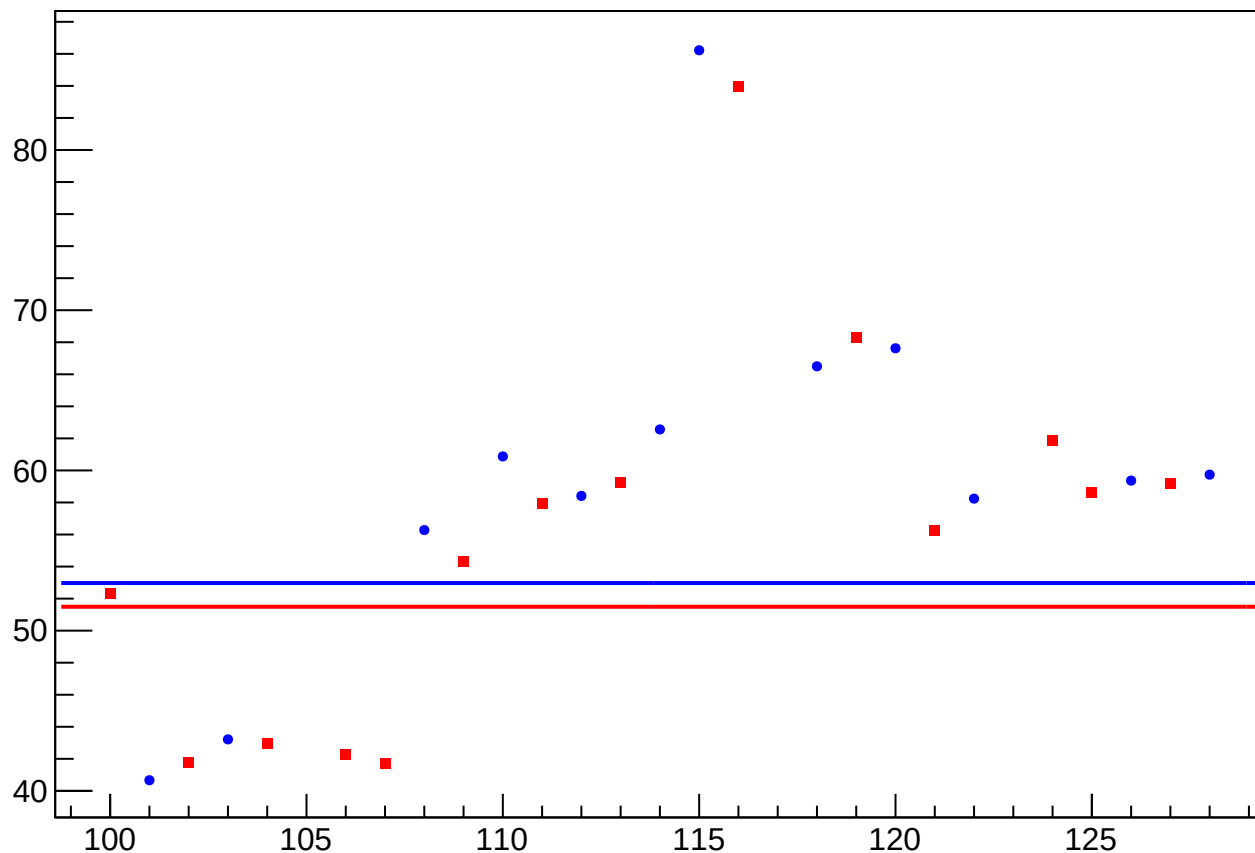
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.078+/-16.551 χ^2/NDF : 54.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_avg_rms vs Slug



Right In: 52.971+/-0.017 χ^2/NDF : 358241.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.492+/-0.016 χ^2/NDF : 377902.8/13

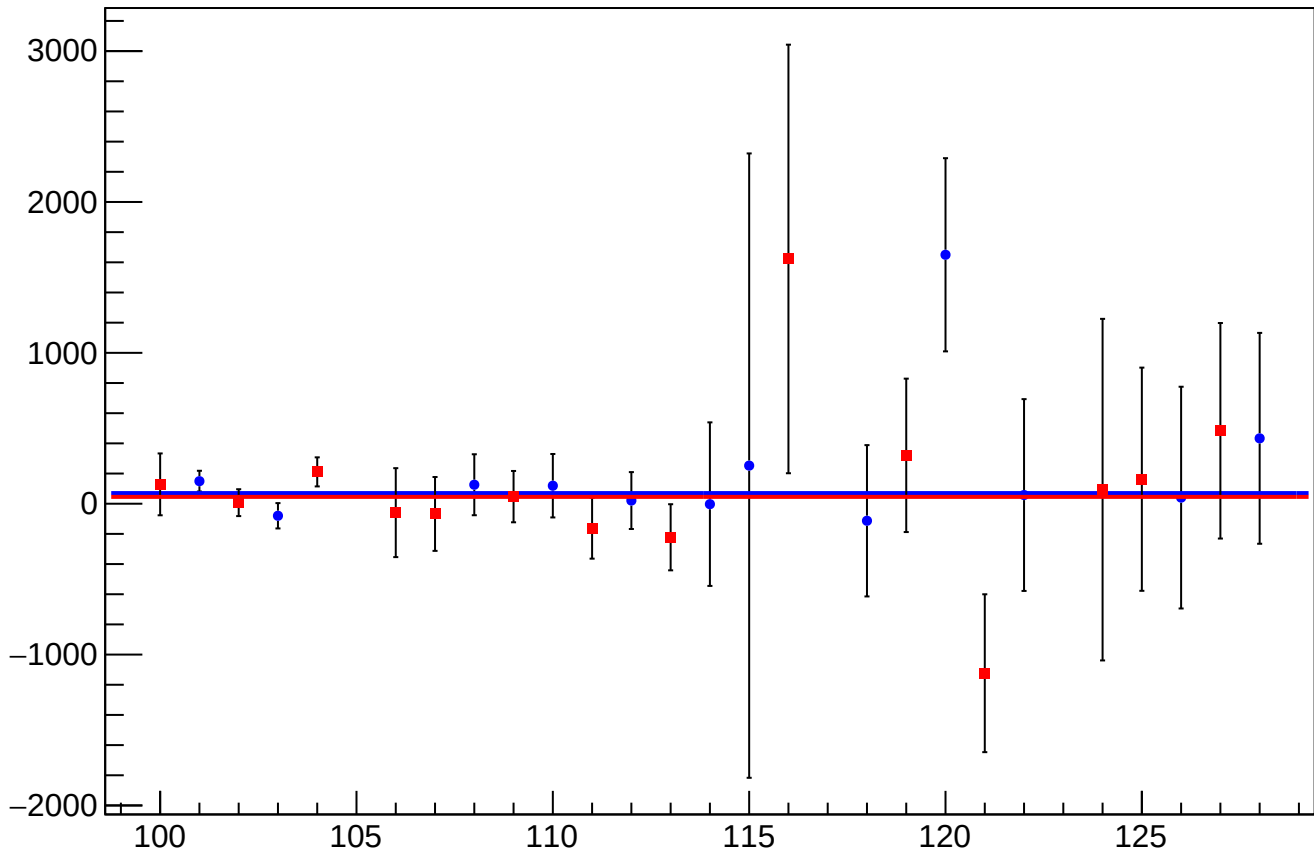
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.181+/-0.012 χ^2/NDF : 740117.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_cor_correction_mean vs Slug



Right In: 70.476+/-47.416 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.298+/-51.409 χ^2/NDF : 13.1/13

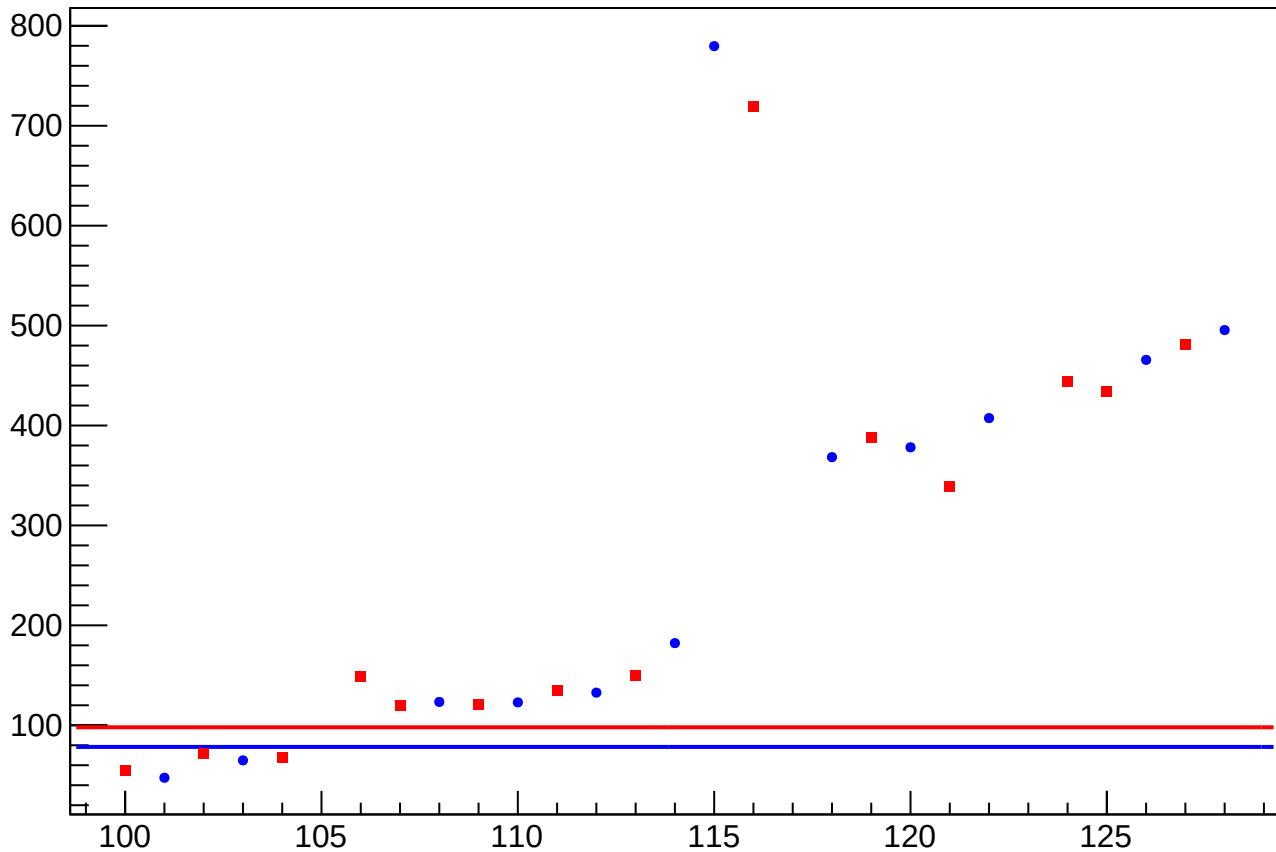
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.903+/-34.854 χ^2/NDF : 24.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_cor_correction_rms vs Slug



Right In: 78.334+/-0.034 χ^2/NDF : 4023538.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.985+/-0.036 χ^2/NDF : 3394972.9/13

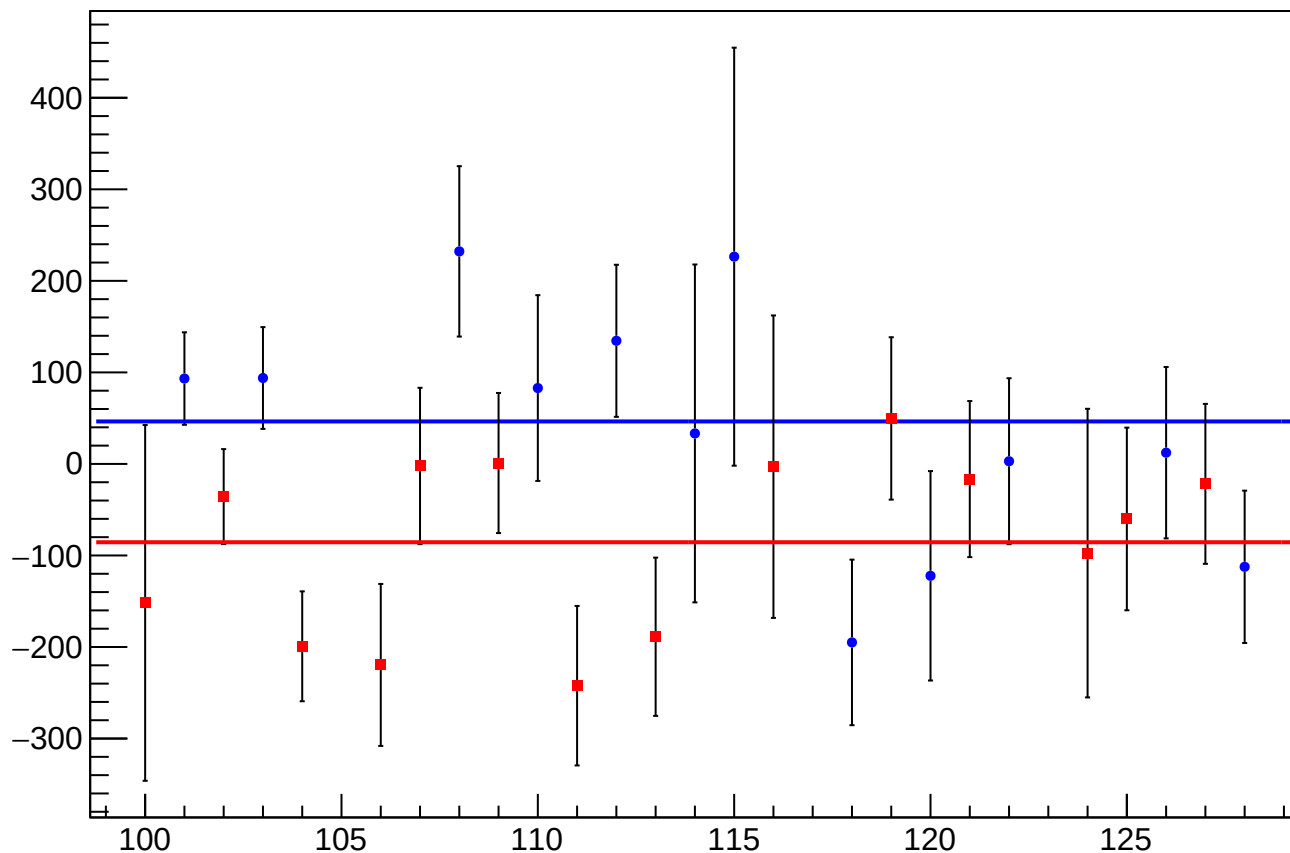
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.367+/-0.025 χ^2/NDF : 7576411.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_avg_mean vs Slug



Right In: 46.416+/-24.251 χ^2/NDF : 20.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -85.546+/-22.645 χ^2/NDF : 17.6/13

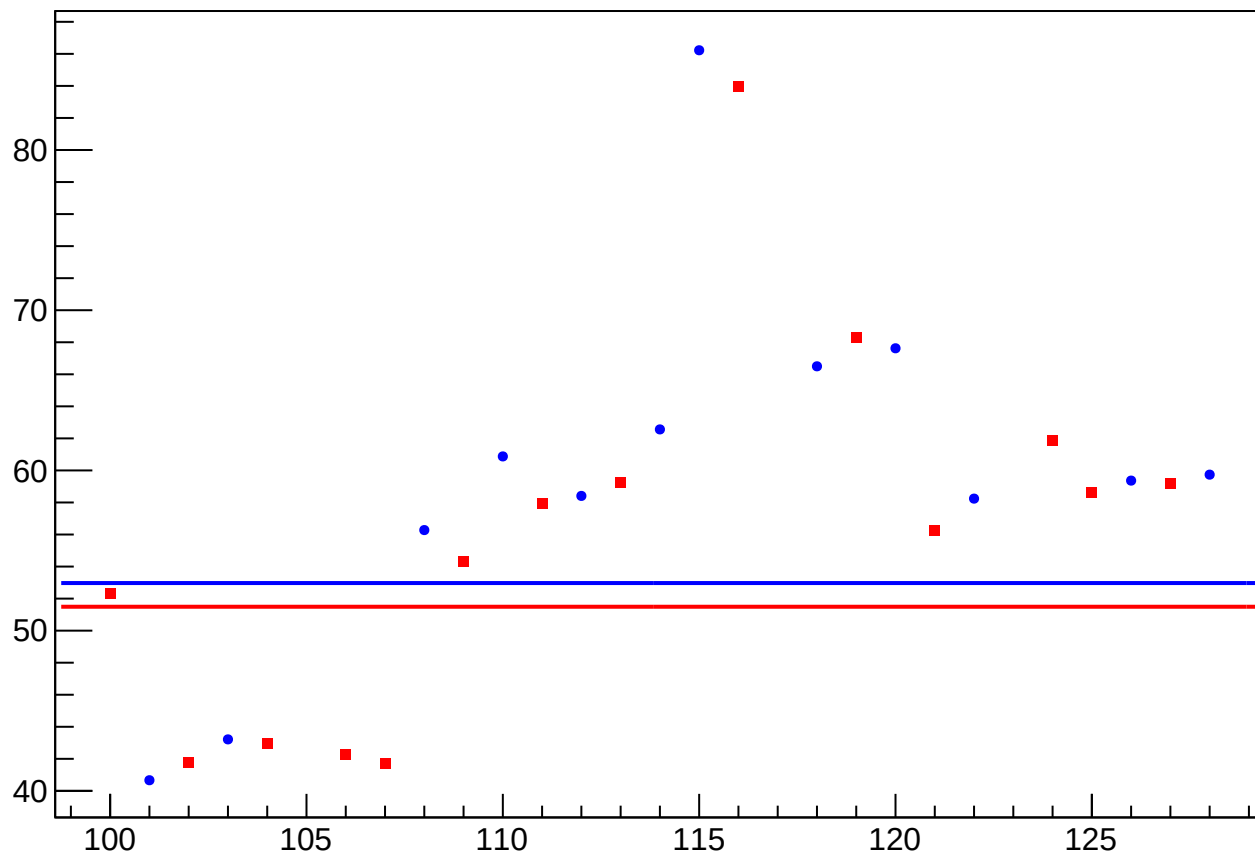
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.078+/-16.551 χ^2/NDF : 54.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_avg_rms vs Slug



Right In: 52.971+/-0.017 χ^2/NDF : 358241.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.492+/-0.016 χ^2/NDF : 377902.8/13

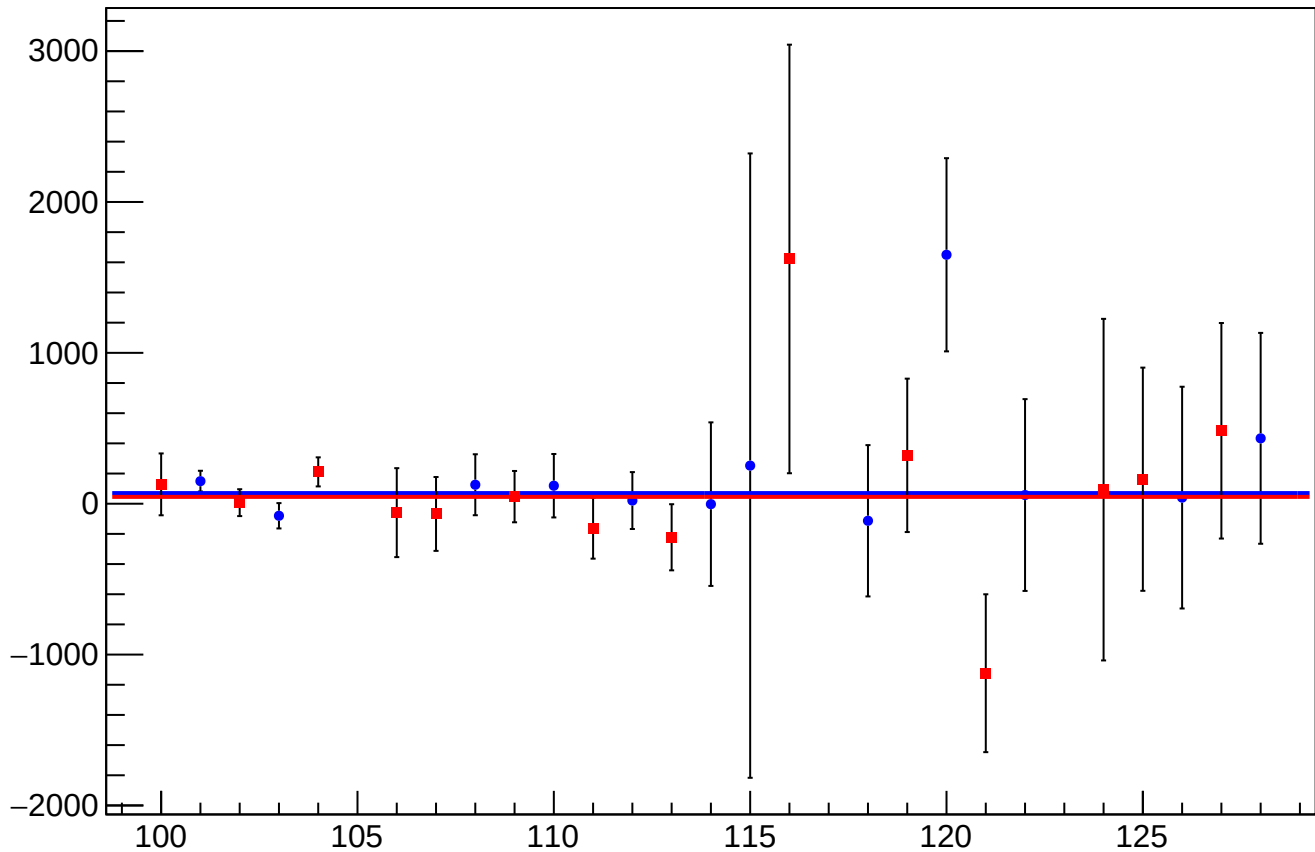
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.181+/-0.012 χ^2/NDF : 740117.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_cor_correction_mean vs Slug



Right In: 70.476+/-47.416 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.298+/-51.409 χ^2/NDF : 13.1/13

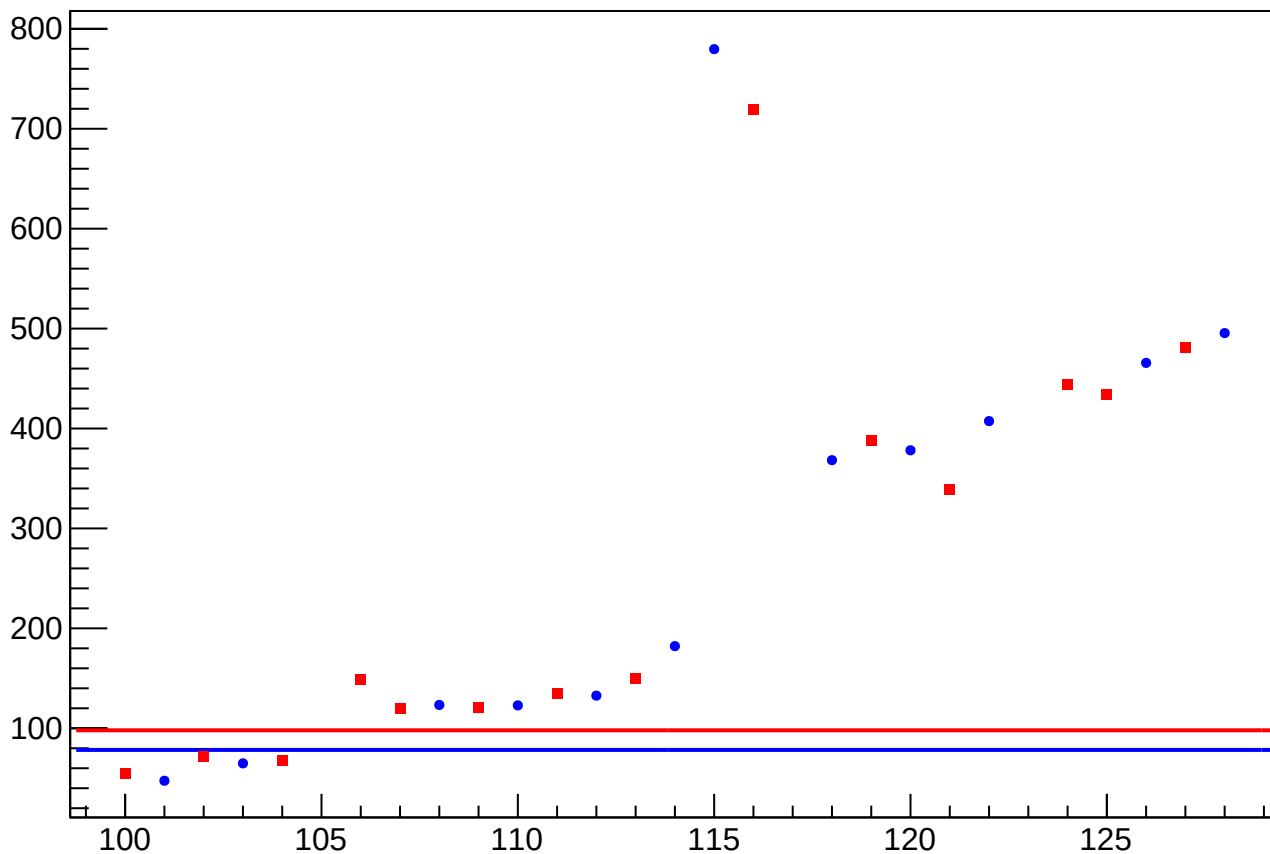
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.903+/-34.854 χ^2/NDF : 24.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_cor_correction_rms vs Slug



Right In: 78.334+/-0.034 χ^2/NDF : 4023538.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.985+/-0.036 χ^2/NDF : 3394972.9/13

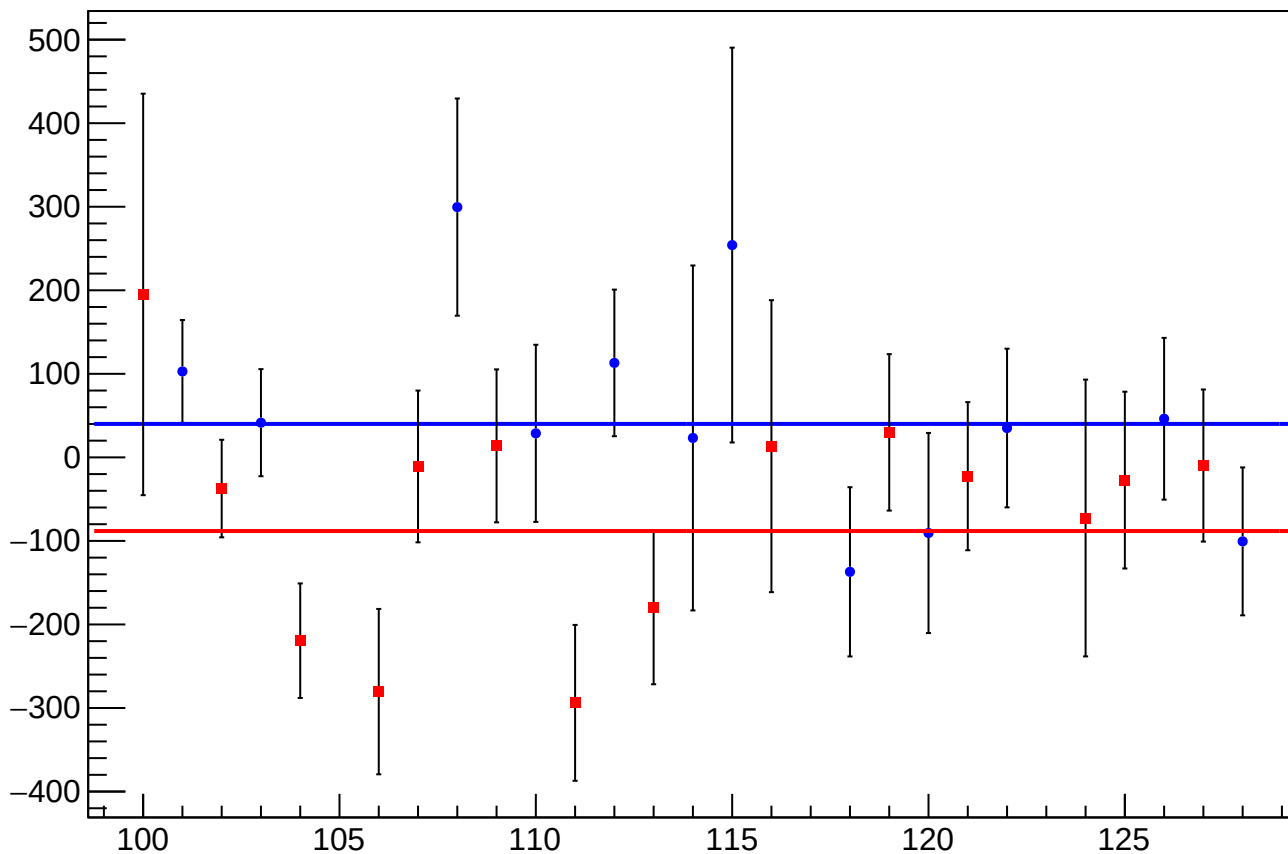
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.367+/-0.025 χ^2/NDF : 7576411.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_avg_mean vs Slug



Right In: 40.062 $\pm$ 27.328 χ^2 /NDF: 13.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -88.172 $\pm$ 24.849 χ^2 /NDF: 21.0/13

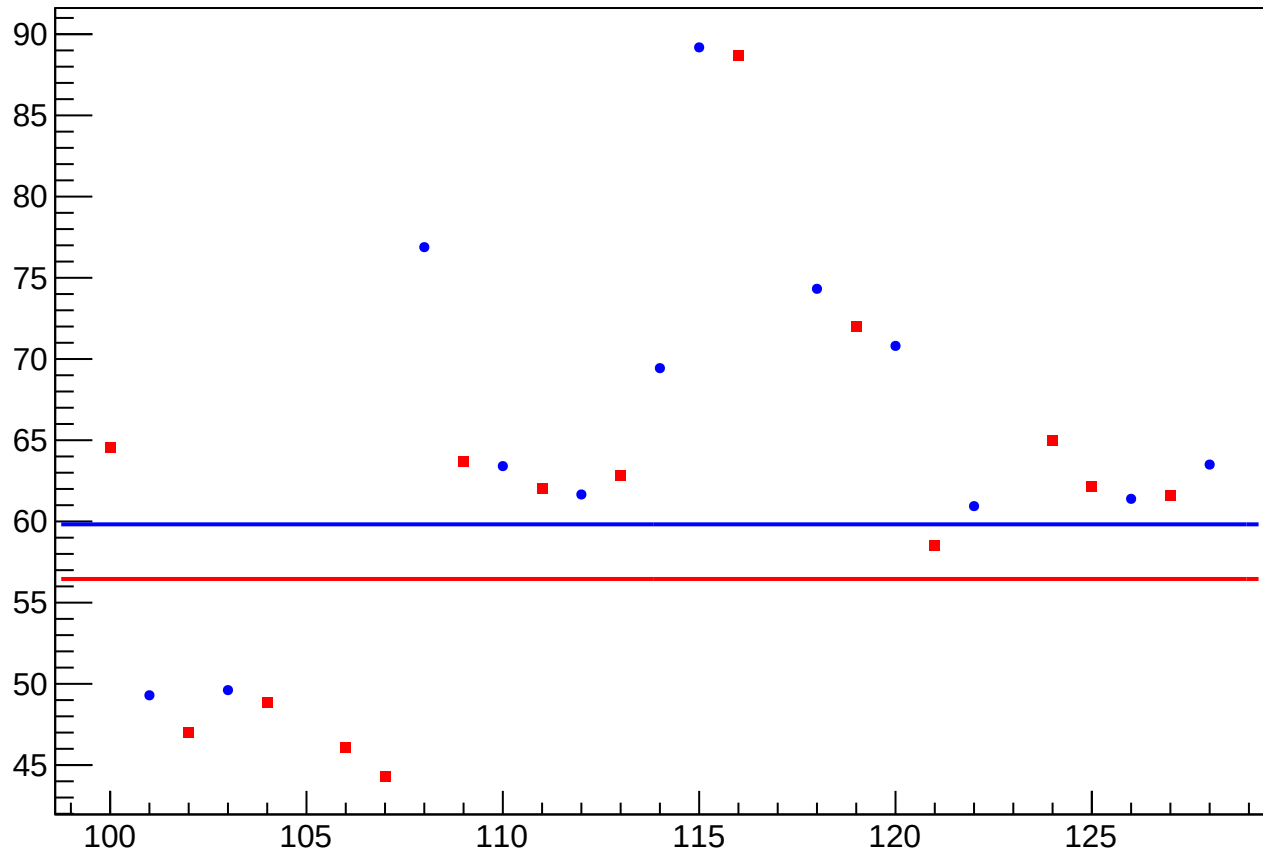
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -30.134 $\pm$ 18.385 χ^2 /NDF: 46.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_avg_rms vs Slug



Right In: 59.821+/-0.019 χ^2/NDF : 244136.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.458+/-0.018 χ^2/NDF : 308448.8/13

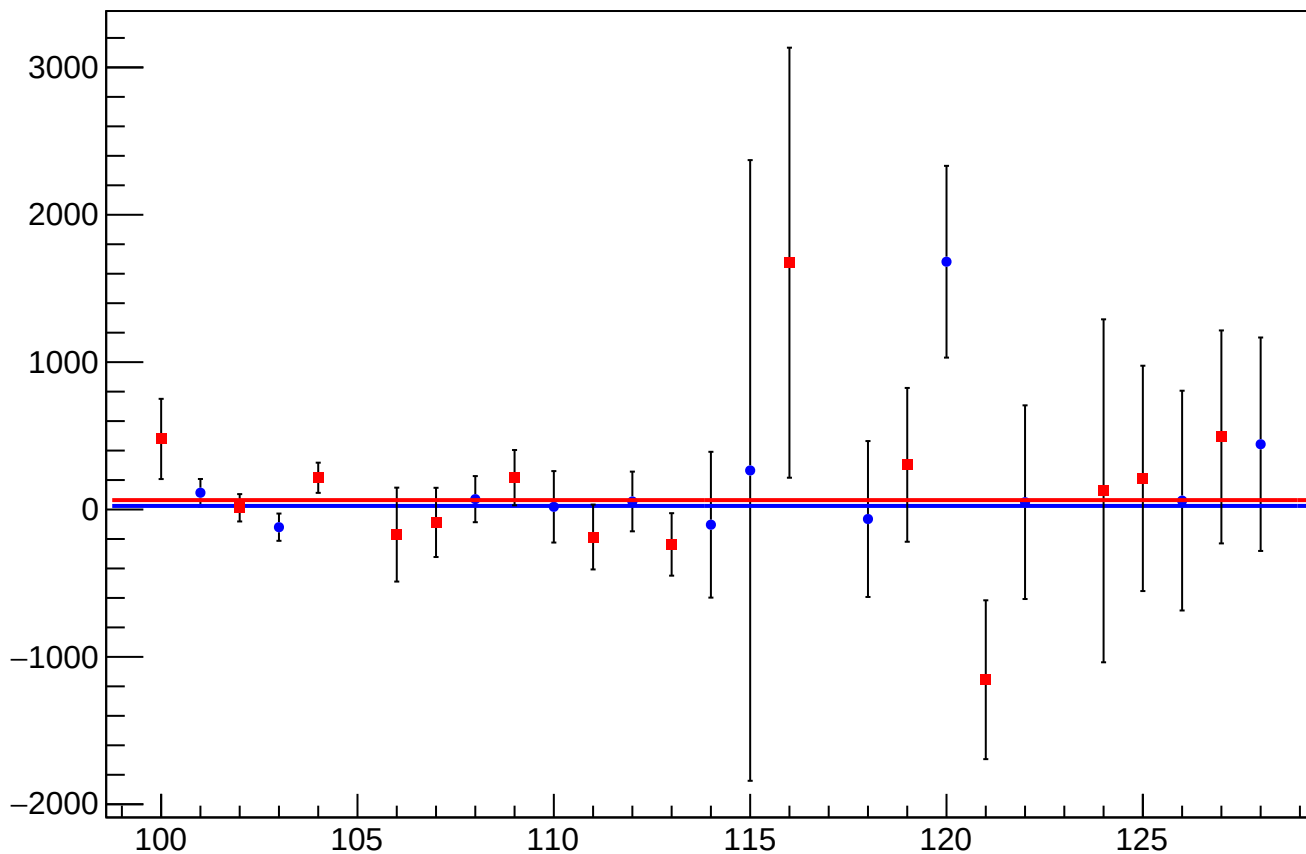
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.980+/-0.013 χ^2/NDF : 569167.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_dit_correction_mean vs Slug



Right In: 24.348+/-55.019 χ^2/NDF : 10.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.806+/-54.533 χ^2/NDF : 16.7/13

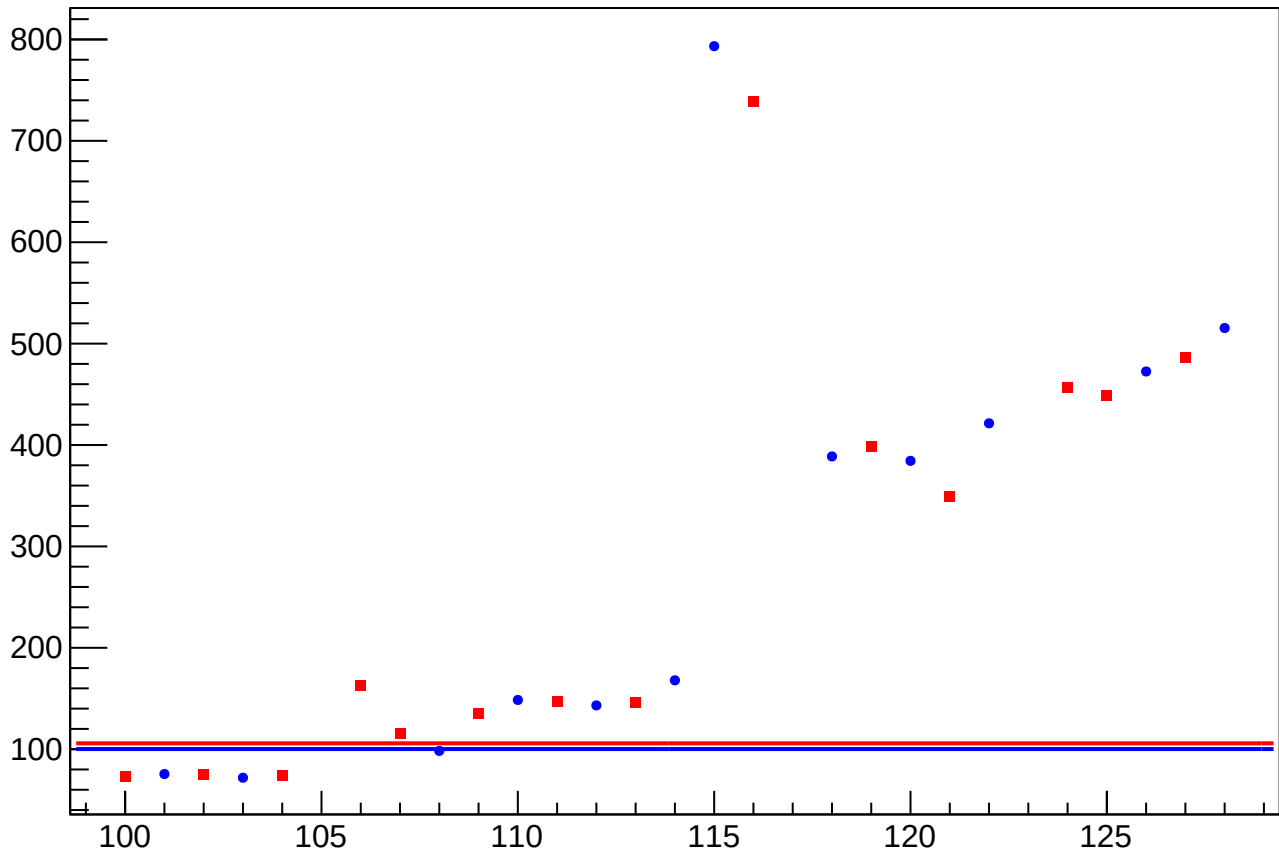
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.252+/-38.731 χ^2/NDF : 27.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_dit_correction_rms vs Slug



Right In: 100.141+/-0.039 χ^2/NDF : 3362827.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.780+/-0.039 χ^2/NDF : 3263913.5/13

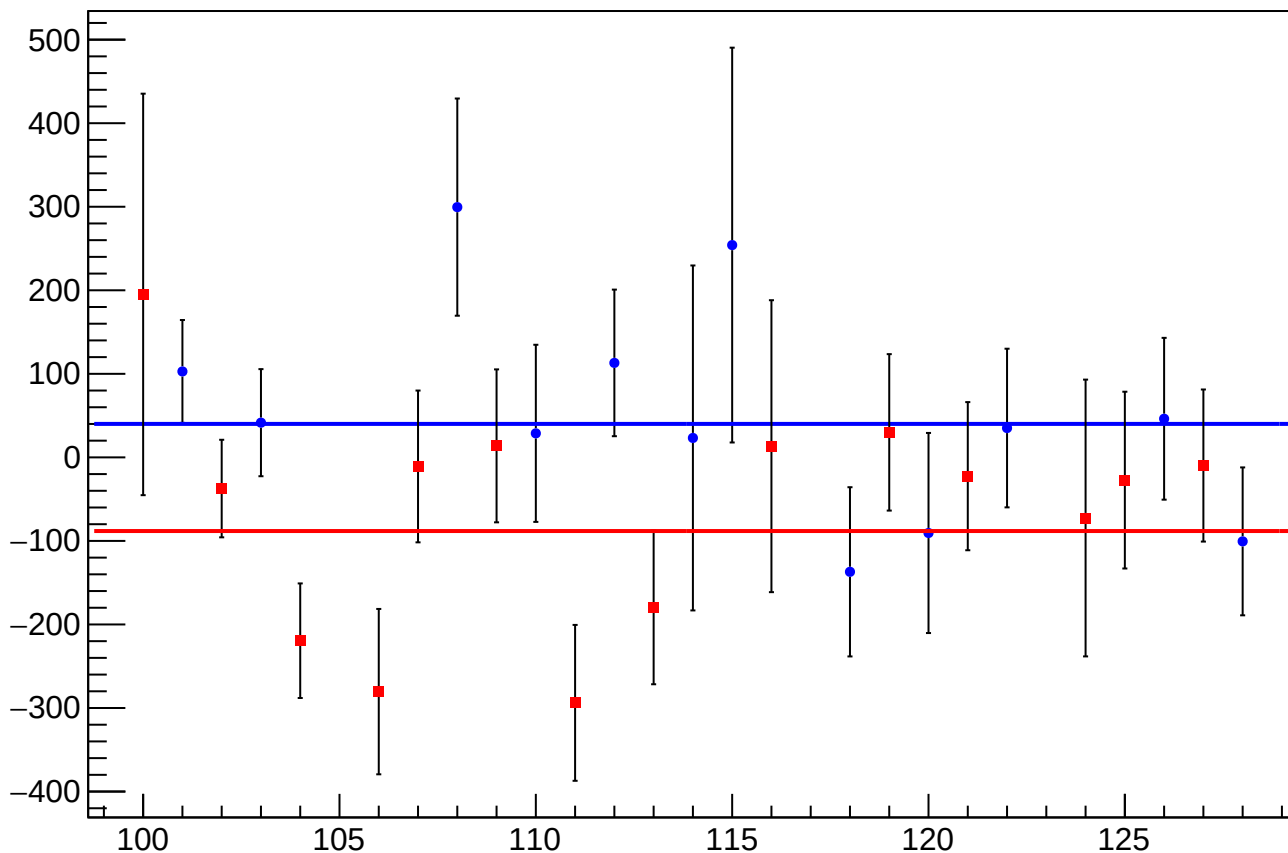
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.986+/-0.027 χ^2/NDF : 6637336.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_avg_mean vs Slug



Right In: 40.062 $\pm$ 27.328 χ^2 /NDF: 13.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -88.172 $\pm$ 24.849 χ^2 /NDF: 21.0/13

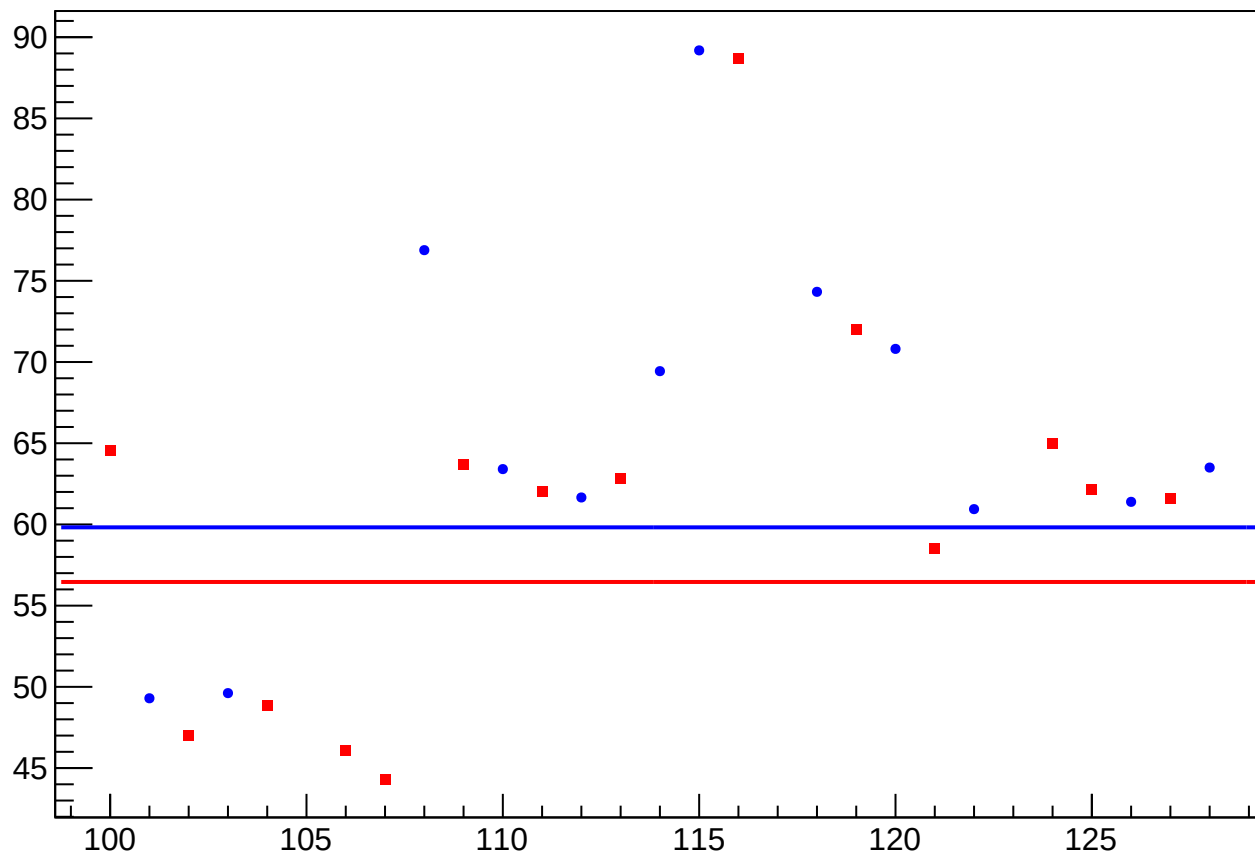
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -30.134 $\pm$ 18.385 χ^2 /NDF: 46.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_avg_rms vs Slug



Right In: 59.821+/-0.019 χ^2/NDF : 244136.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.458+/-0.018 χ^2/NDF : 308448.0/13

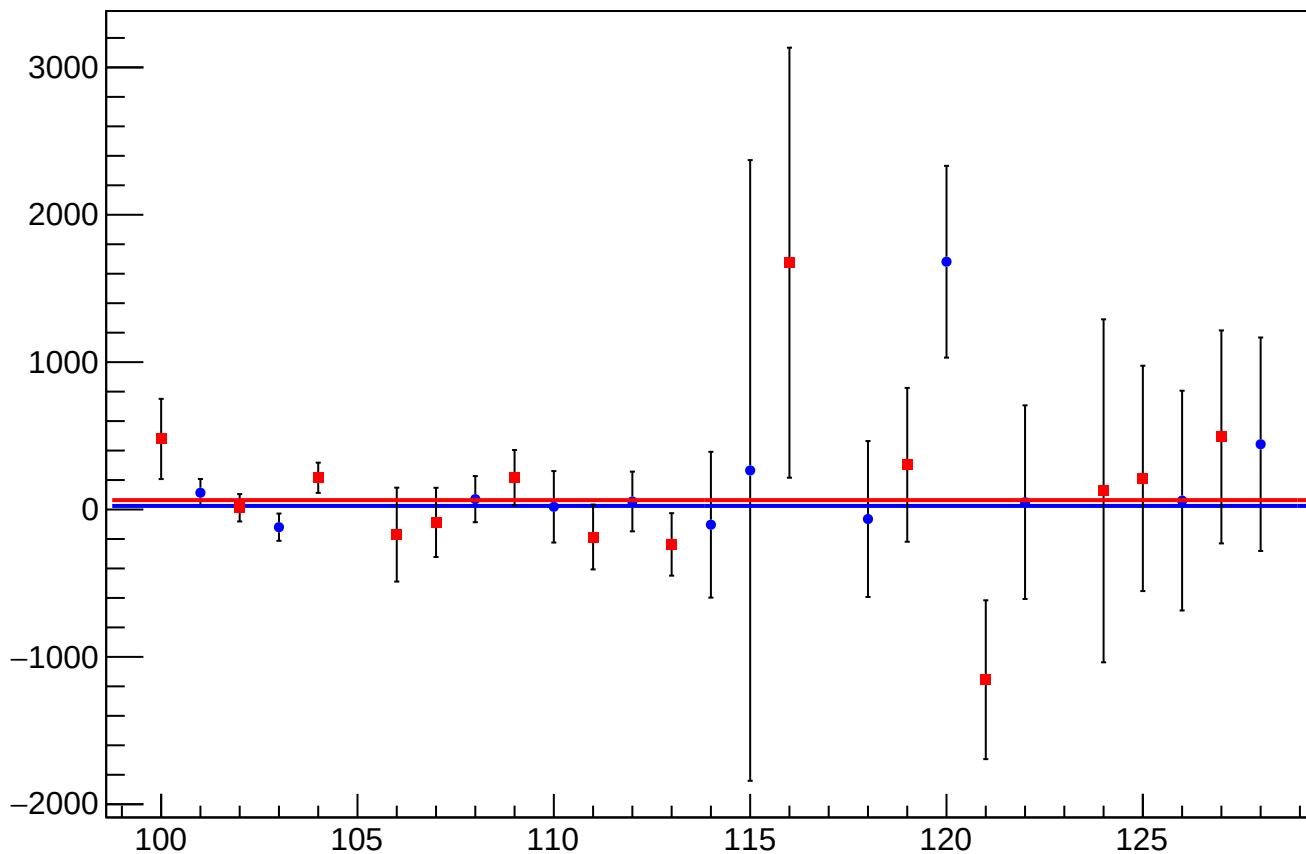
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.980+/-0.013 χ^2/NDF : 569166.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_dit_correction_mean vs Slug



Right In: 24.348+/-55.019 χ^2/NDF : 10.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.806+/-54.533 χ^2/NDF : 16.7/13

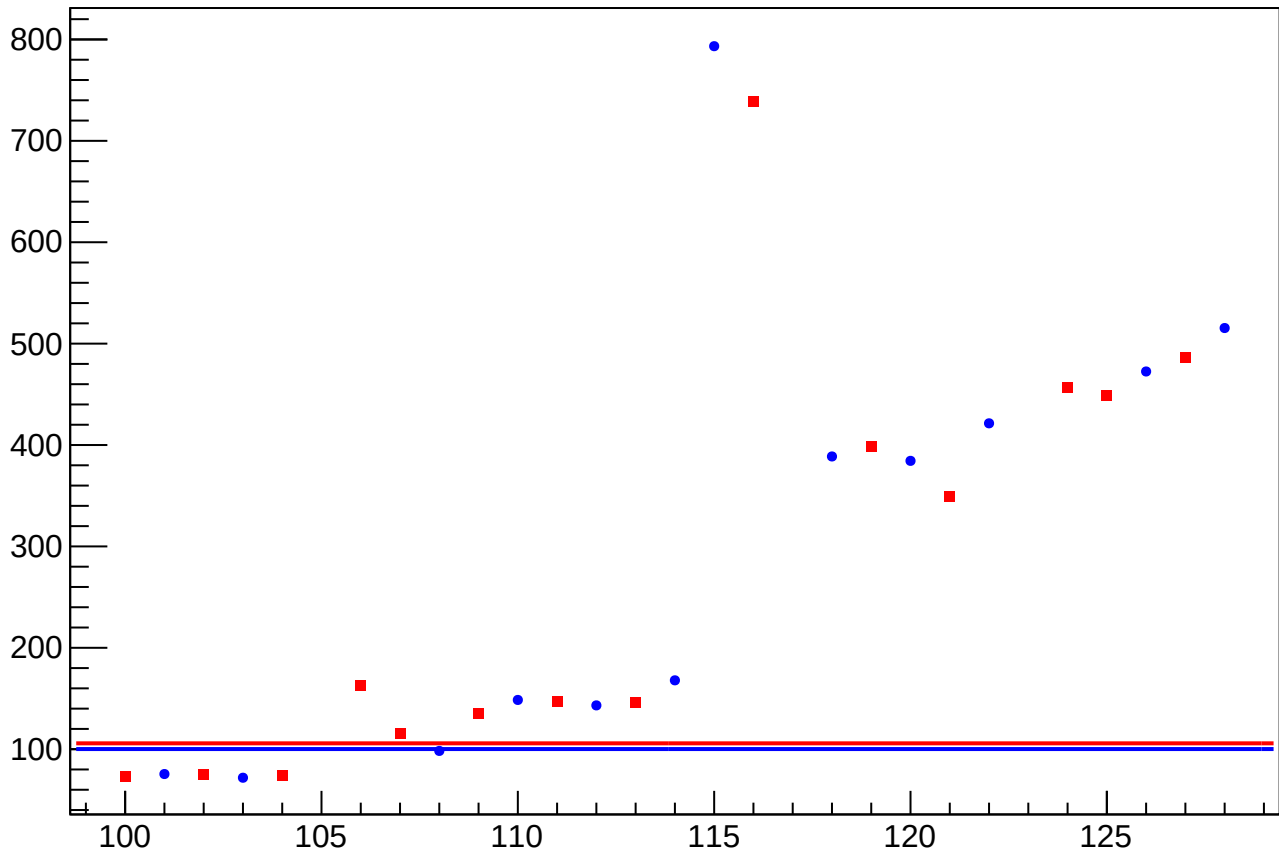
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.252+/-38.731 χ^2/NDF : 27.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_dit_correction_rms vs Slug



Right In: 100.141+/-0.039 χ^2/NDF : 3362829.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.779+/-0.039 χ^2/NDF : 3263919.0/13

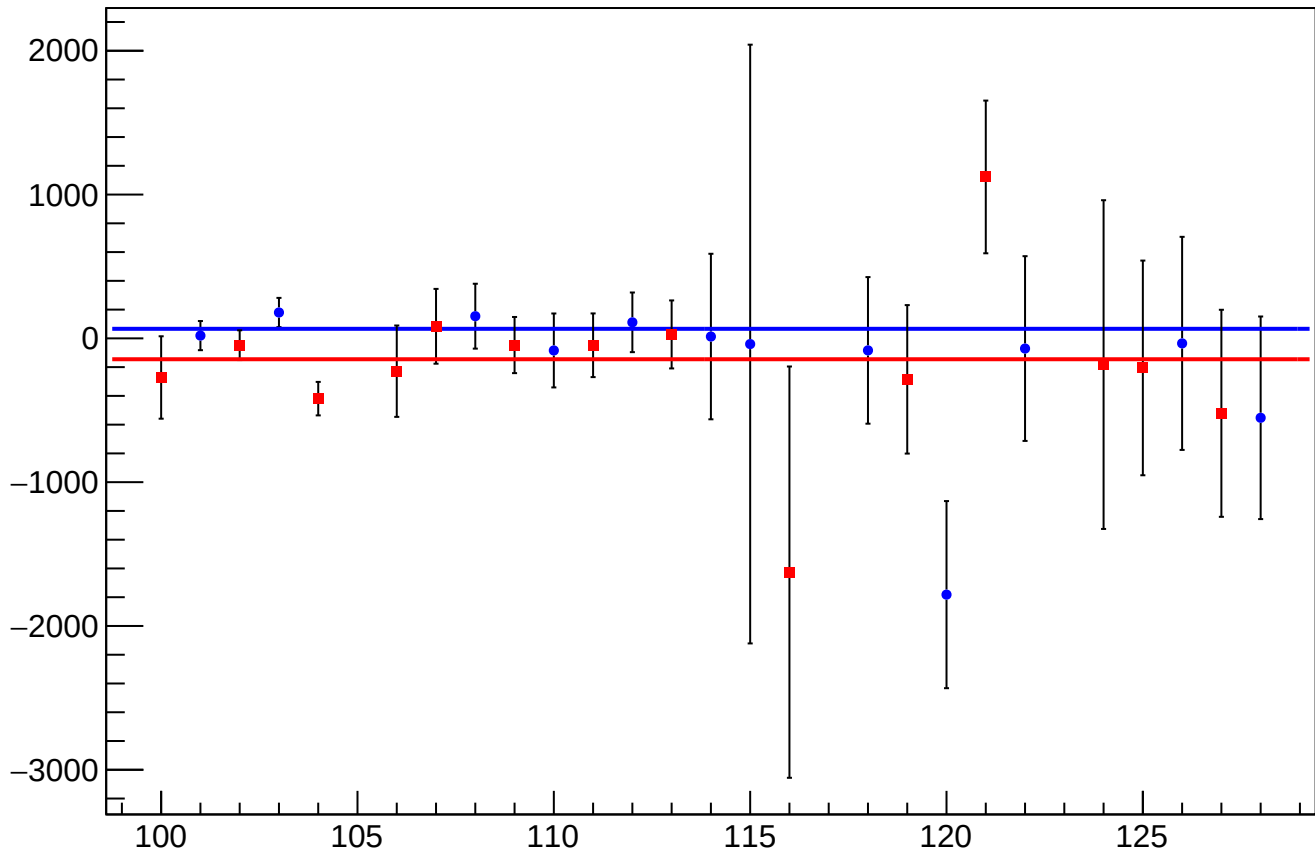
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.985+/-0.027 χ^2/NDF : 6637343.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_mean vs Slug



Right In: 66.425+/-61.083 χ^2/NDF : 11.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -145.168+/-59.680 χ^2/NDF : 15.6/13

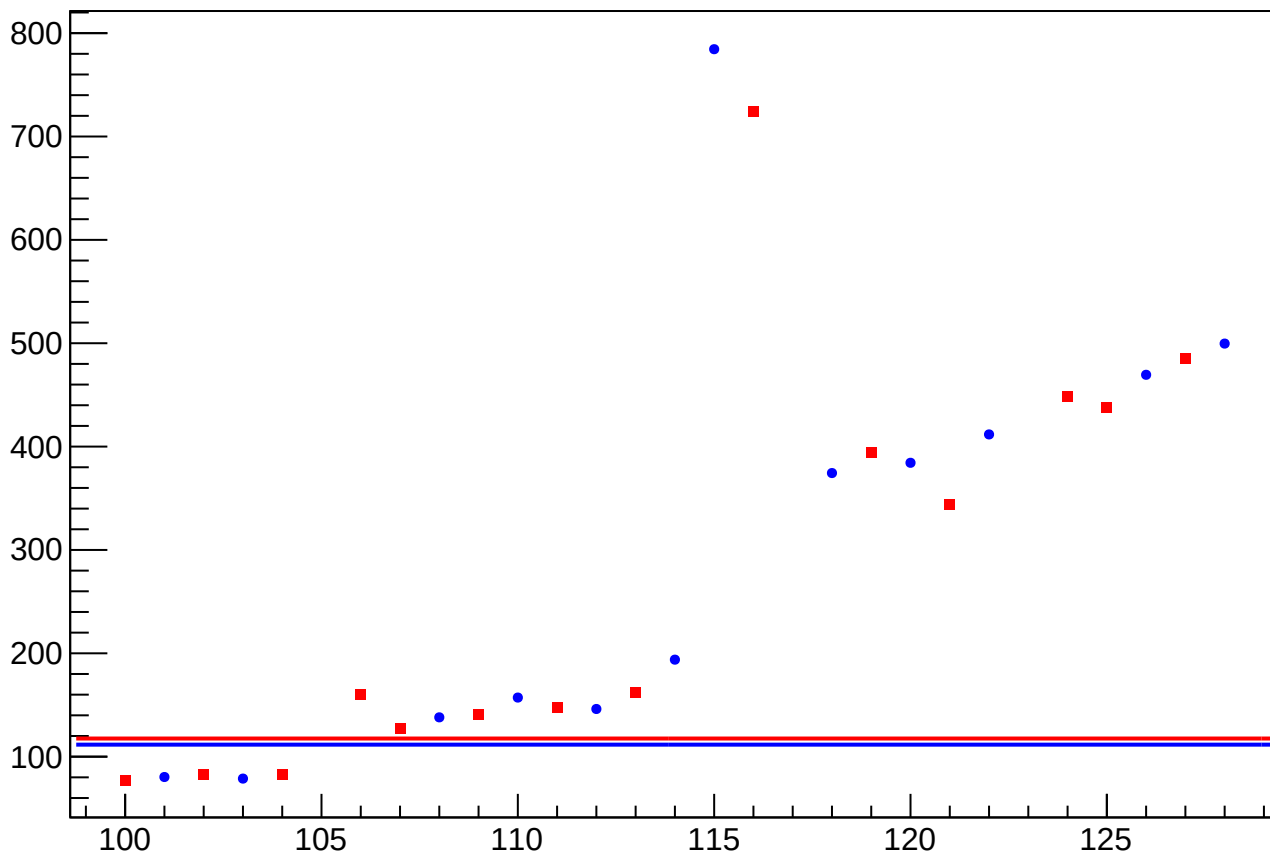
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.829+/-42.687 χ^2/NDF : 32.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_rms vs Slug



Right In: 111.632+/-0.043 χ^2/NDF : 3188128.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.557+/-0.042 χ^2/NDF : 2972998.4/13

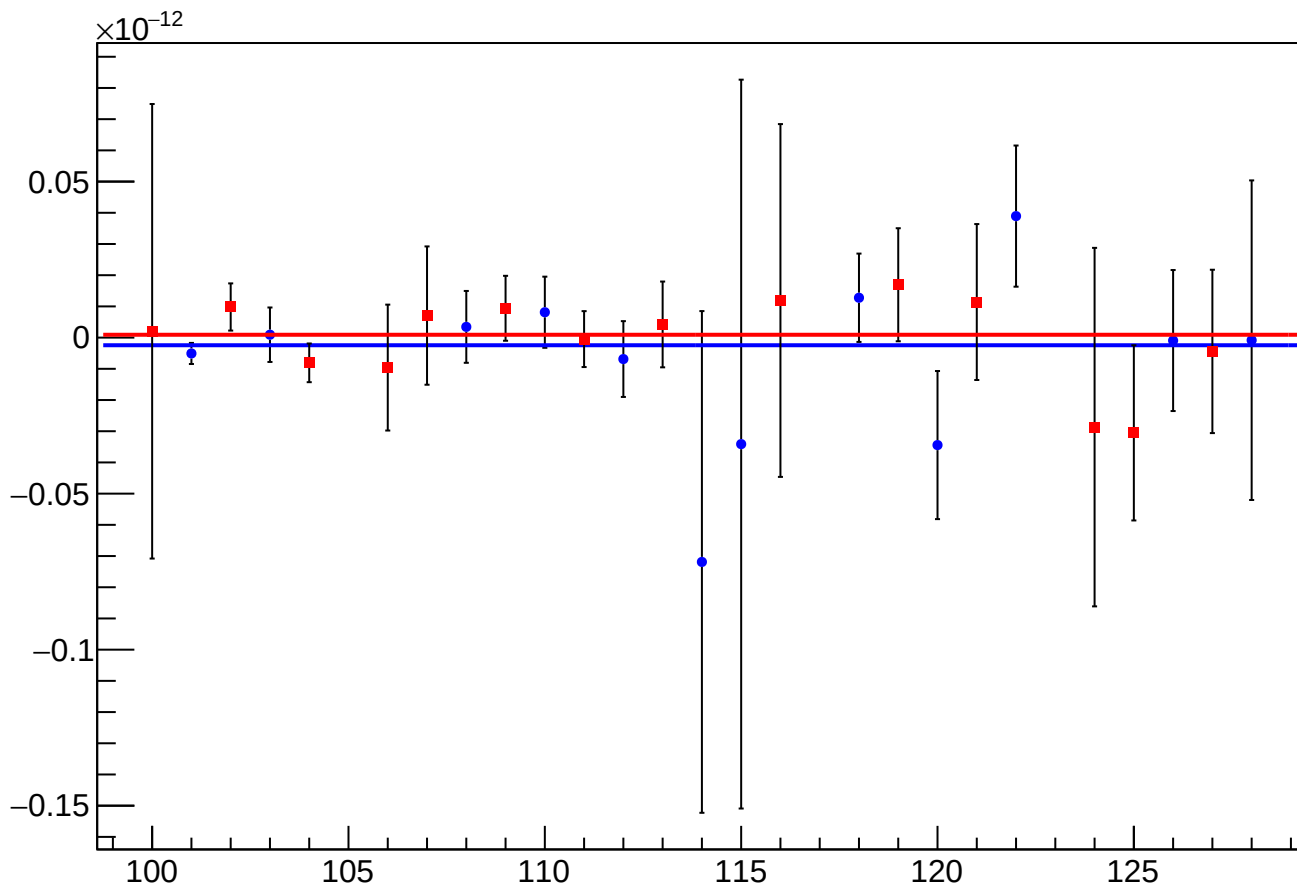
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.664+/-0.030 χ^2/NDF : 6170752.8/25

- 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: 9.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.1/13

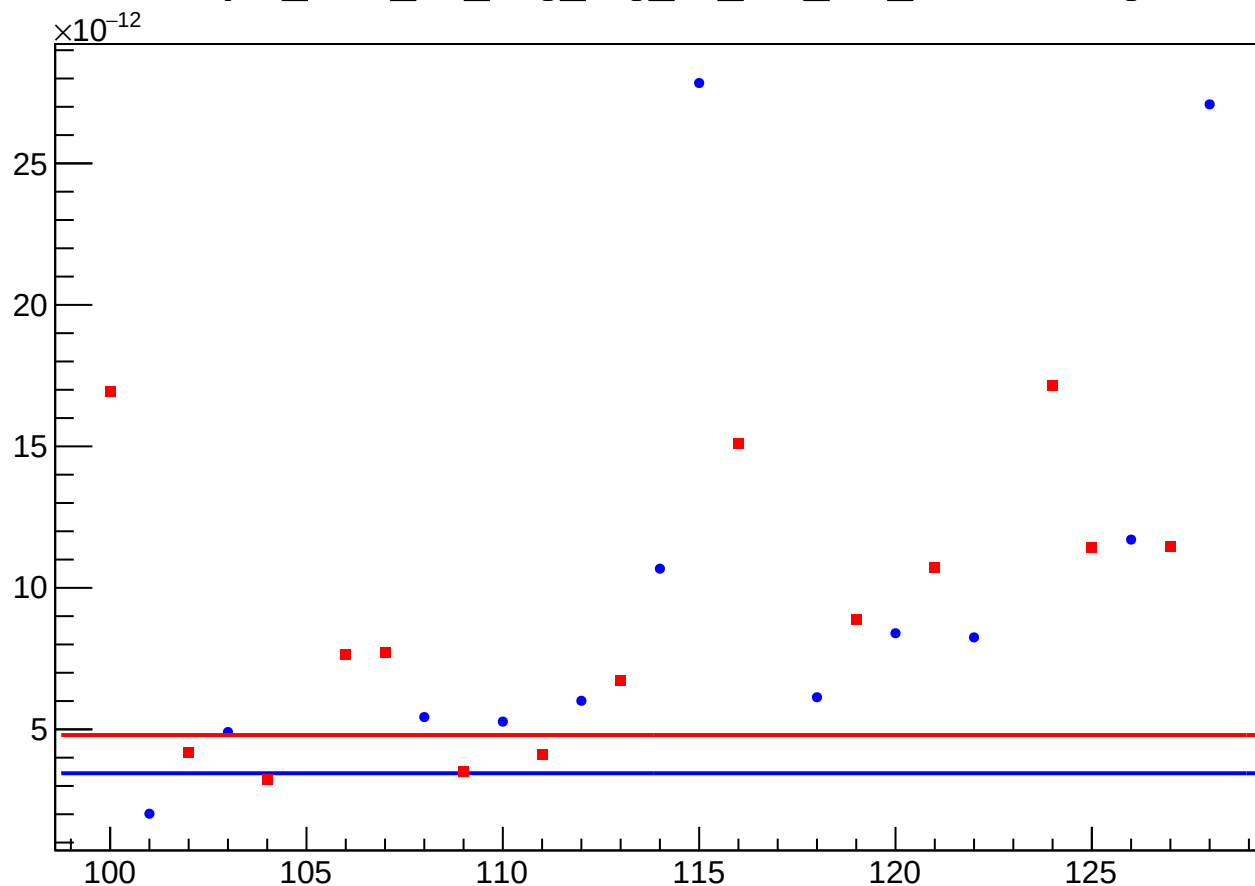
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 16.9/25

- 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 : 1659397.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 970271.5/13

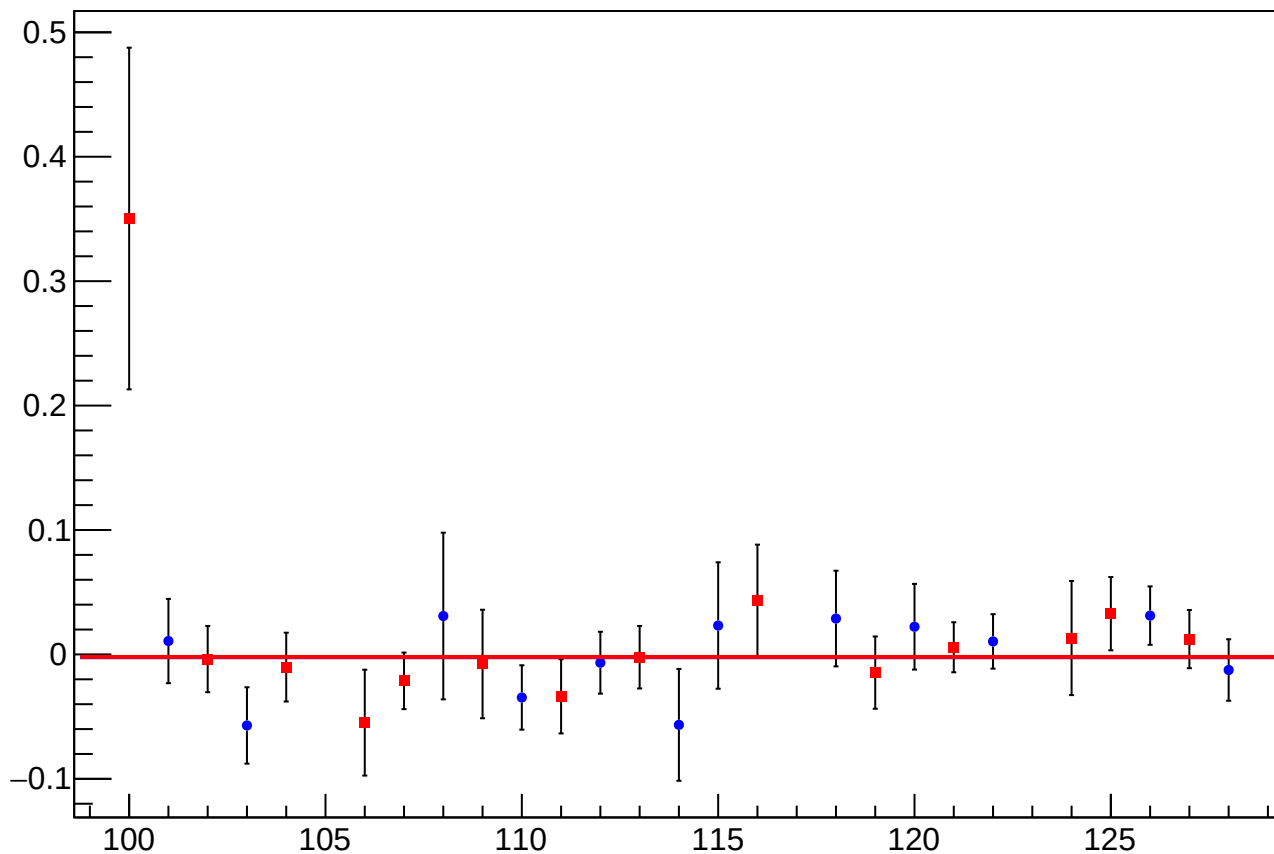
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2816658.0/25

- 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 $\pm$ 0.009 χ^2 /NDF: 10.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.008 χ^2 /NDF: 13.3/13

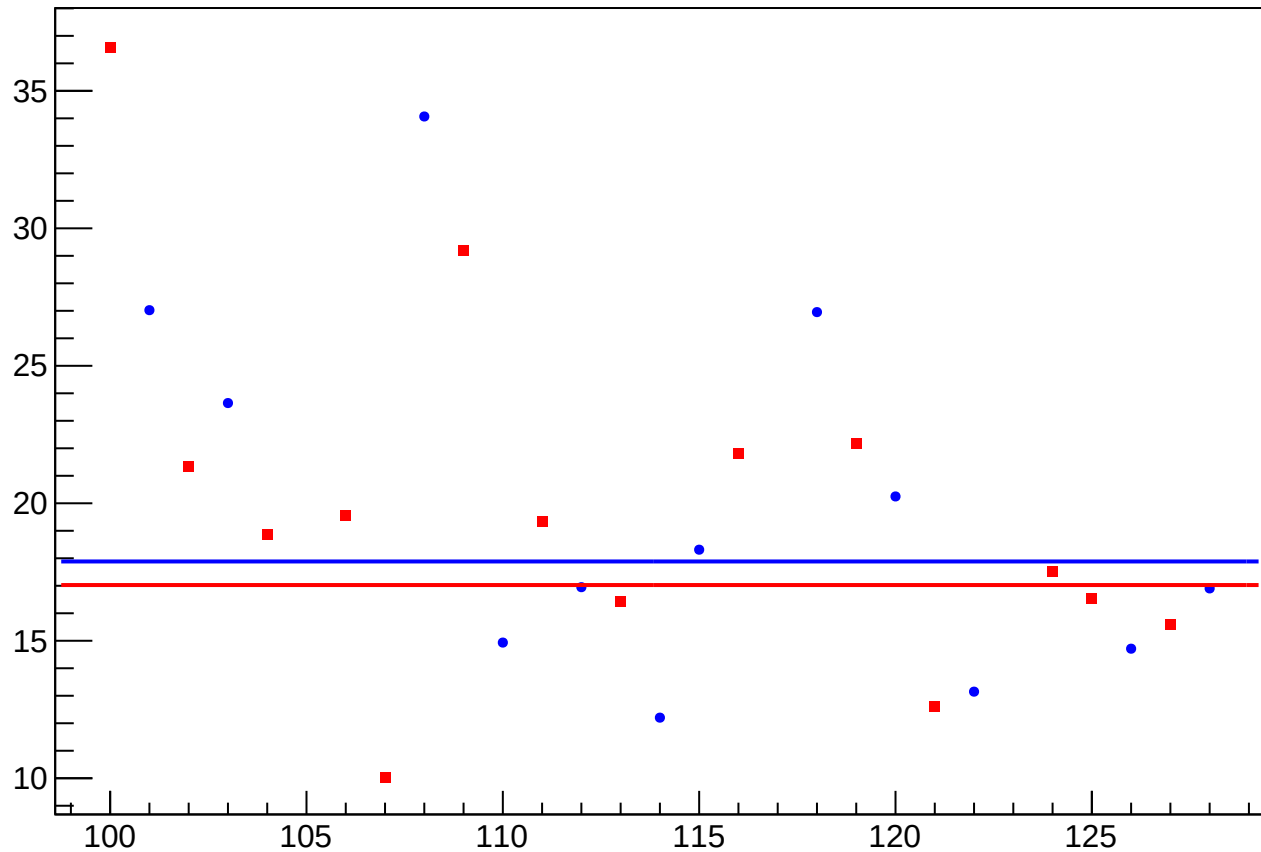
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.002 $\pm$ 0.006 χ^2 /NDF: 23.9/25

- 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: 17.884+/-0.006 χ^2/NDF : 647655.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.026+/-0.006 χ^2/NDF : 657344.8/13

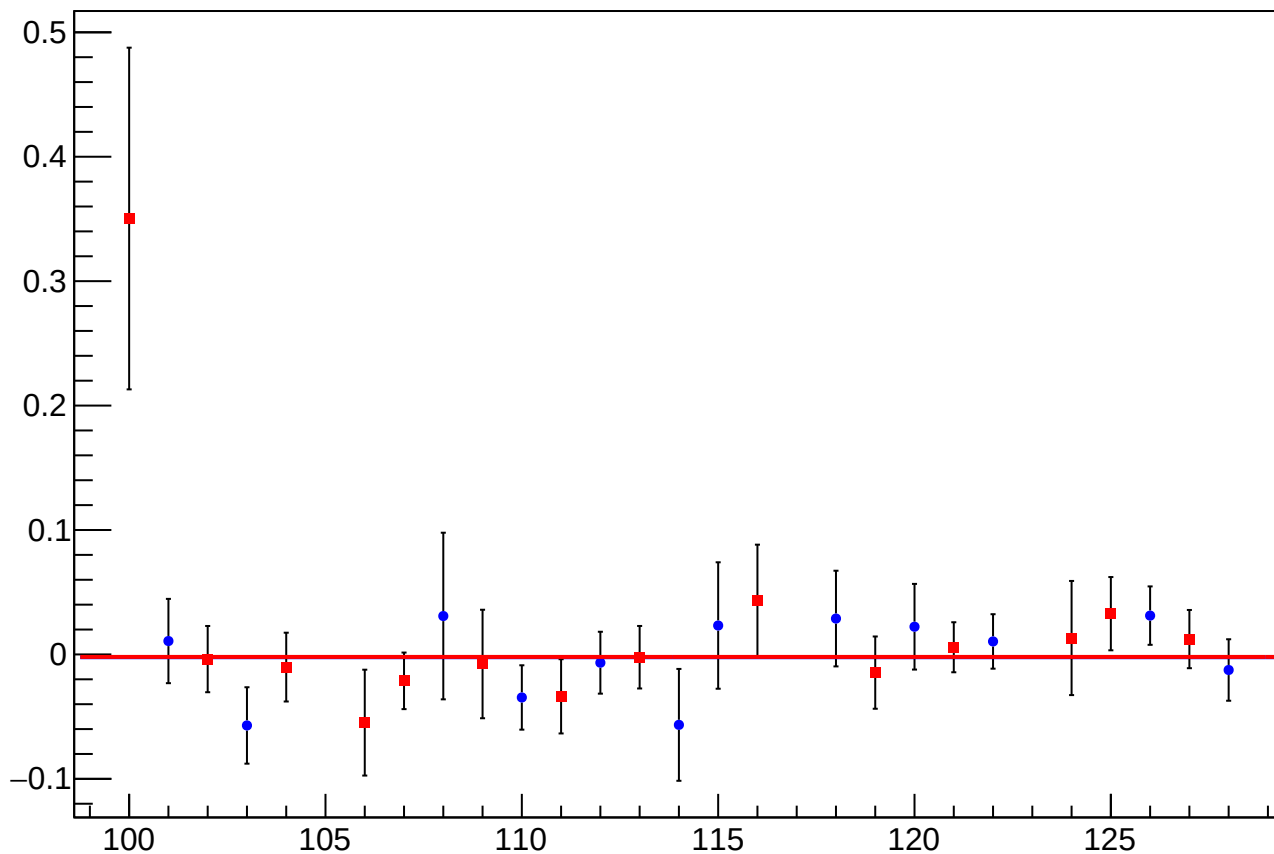
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.413+/-0.004 χ^2/NDF : 1315674.5/25

- 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 $\pm$ 0.009 χ^2 /NDF: 10.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.008 χ^2 /NDF: 13.3/13

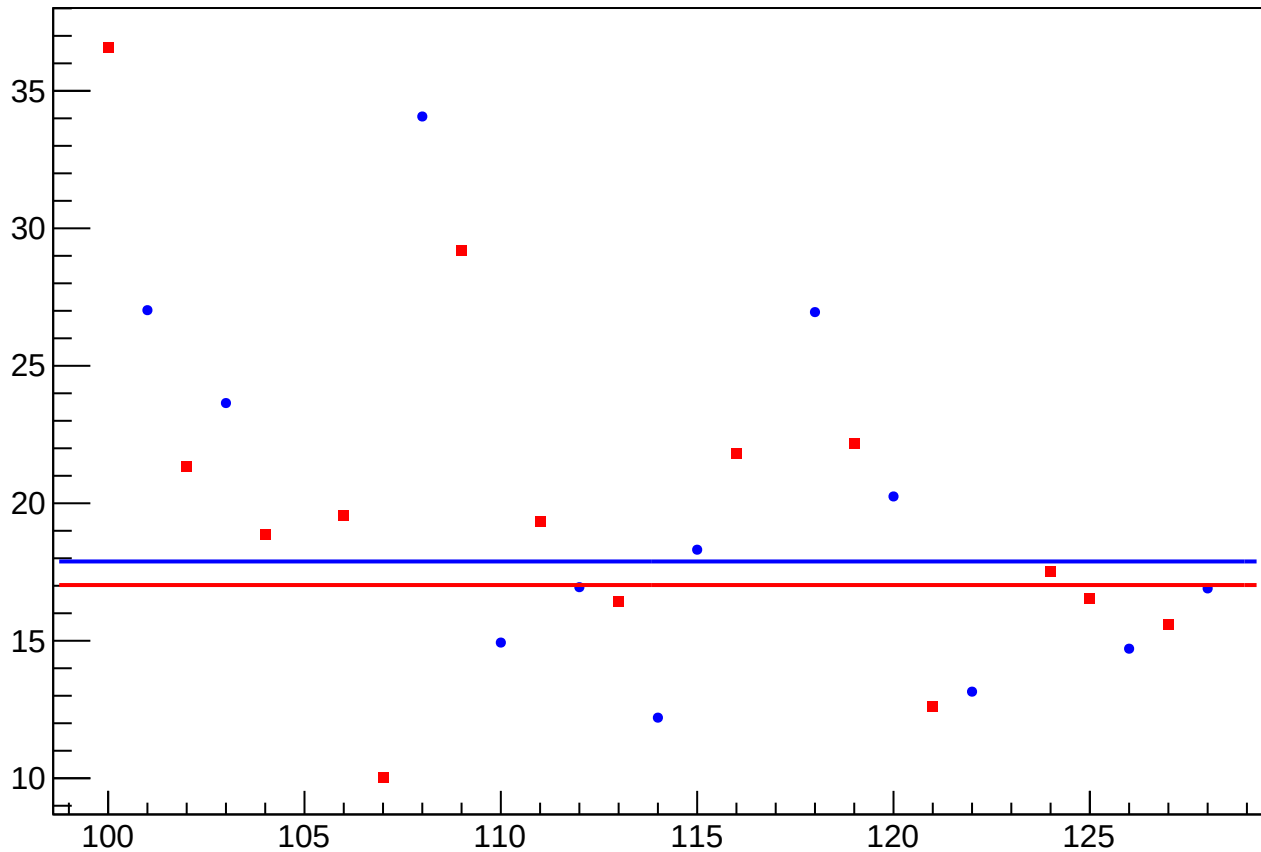
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.002 $\pm$ 0.006 χ^2 /NDF: 23.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 17.884+/-0.006 χ^2/NDF : 647655.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.026+/-0.006 χ^2/NDF : 657344.8/13

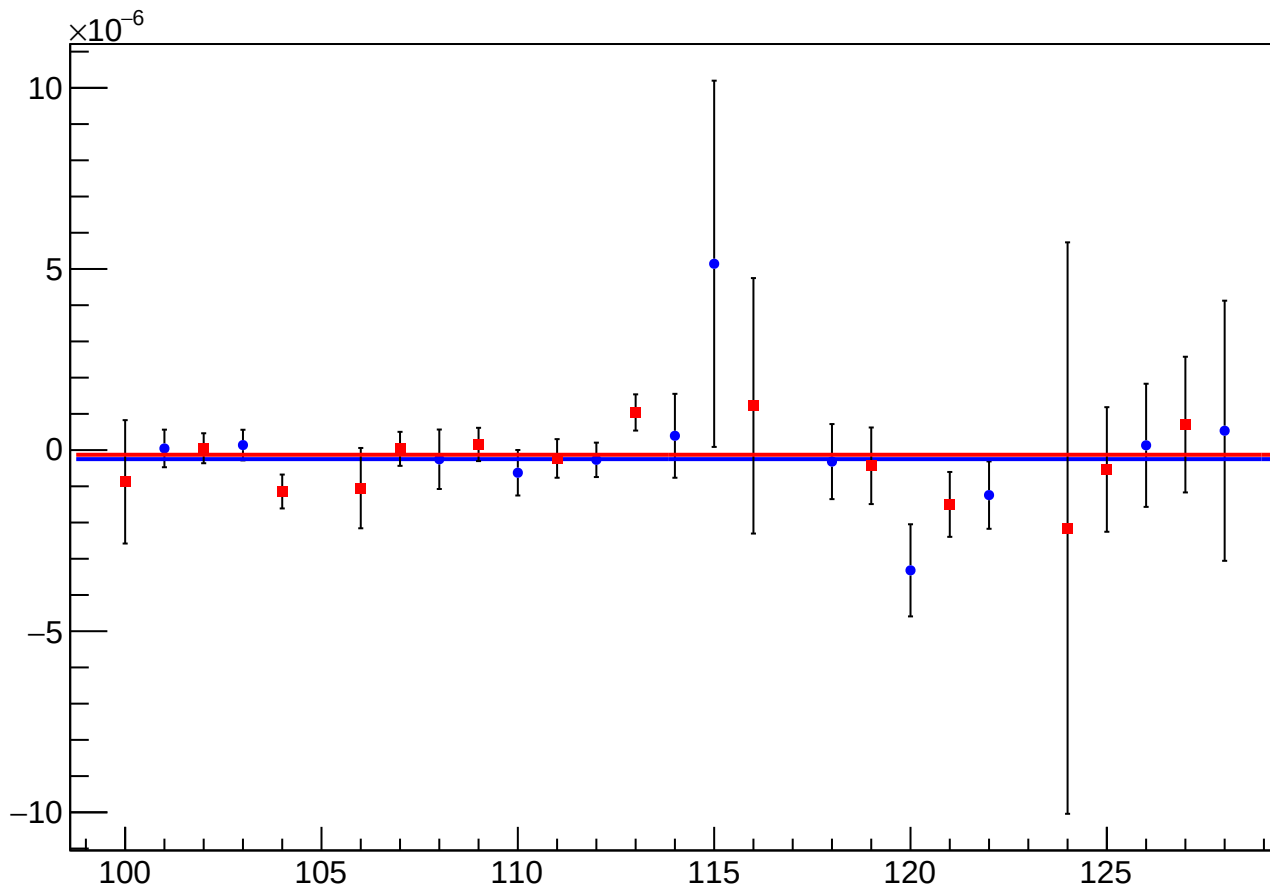
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.413+/-0.004 χ^2/NDF : 1315674.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 10.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.7/13

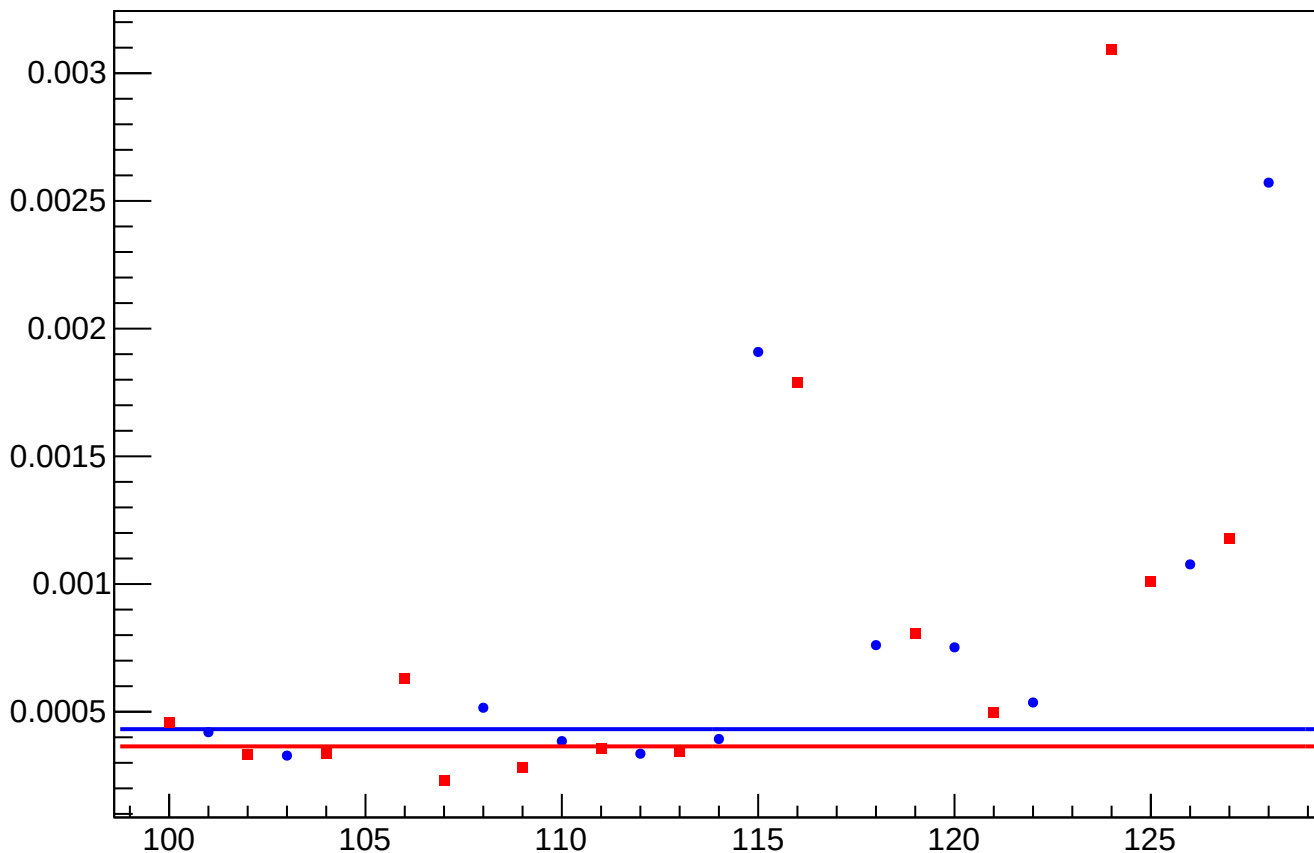
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1759865.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1986914.0/13

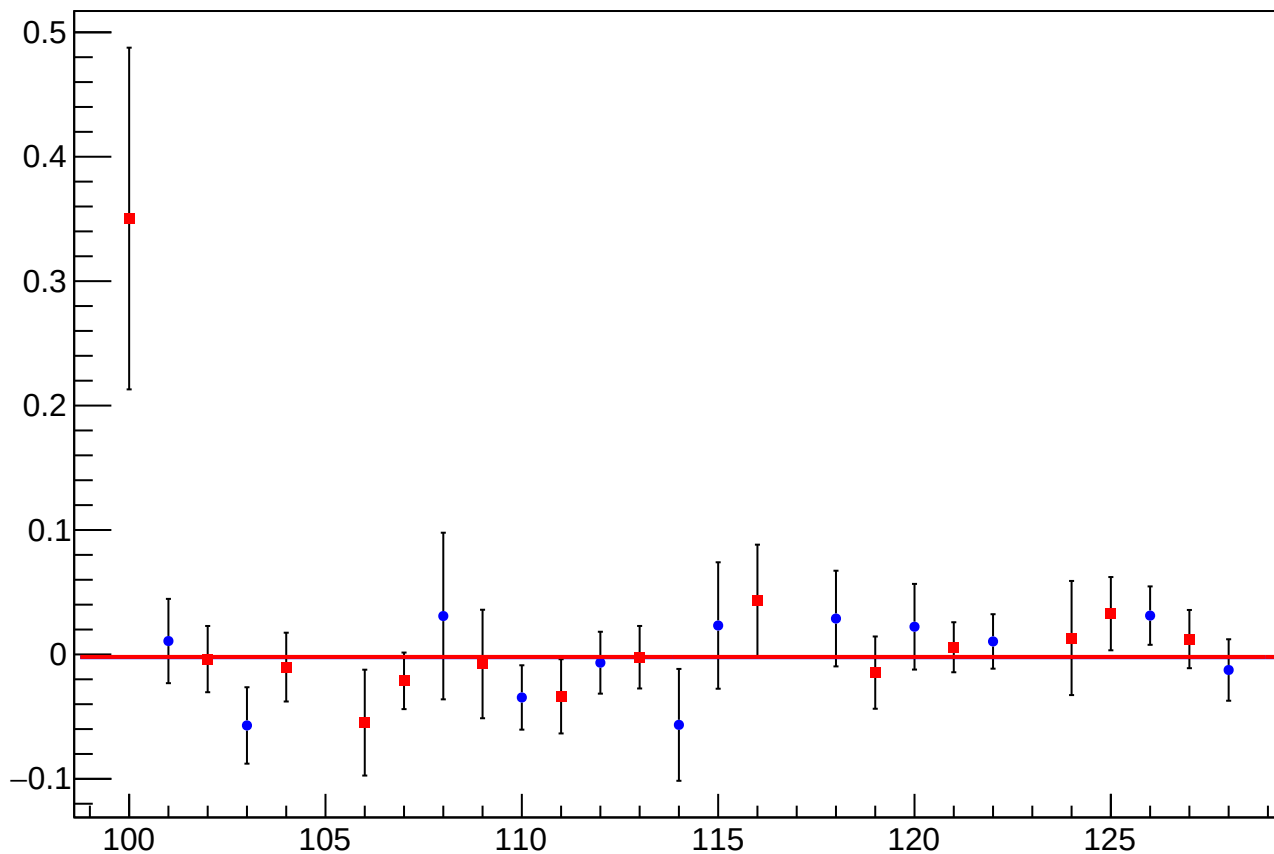
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3863118.3/25

- 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 $\pm$ 0.009 χ^2 /NDF: 10.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.008 χ^2 /NDF: 13.3/13

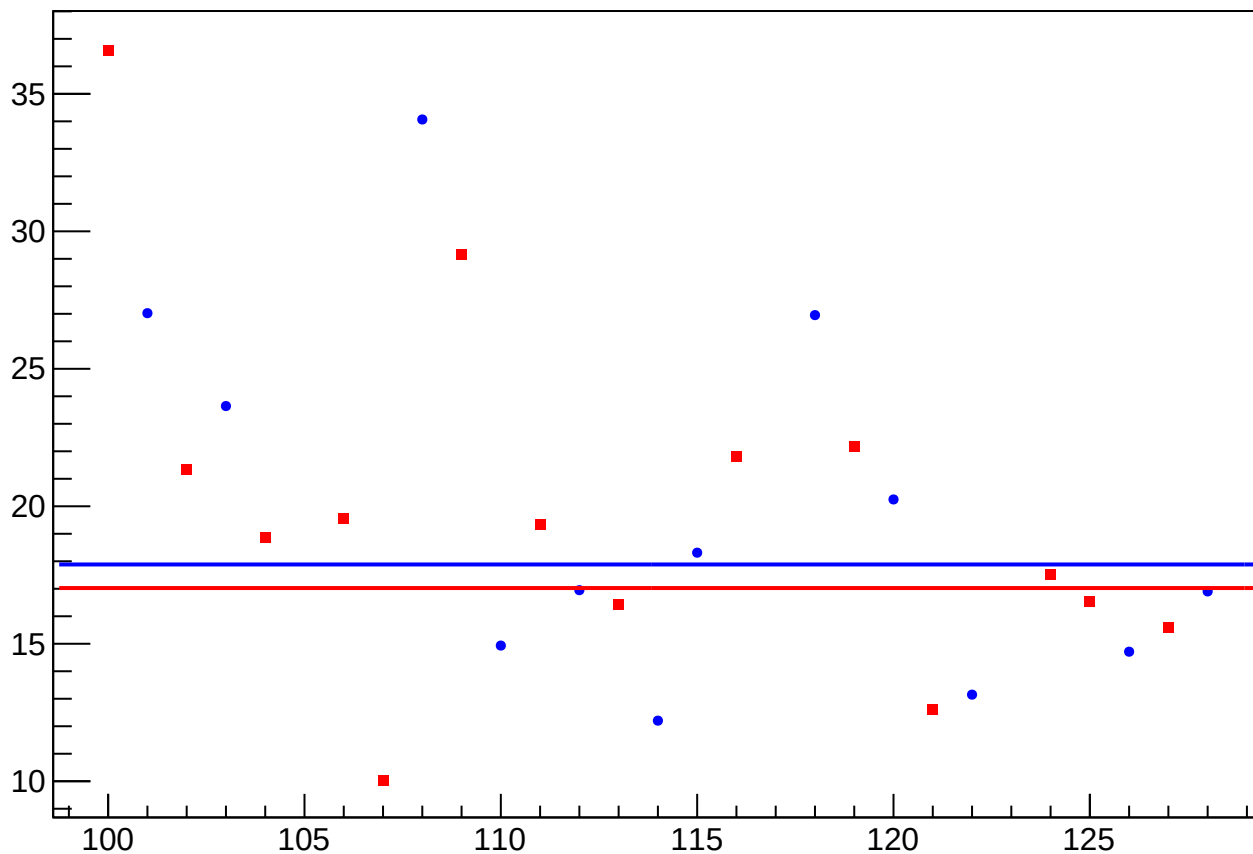
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.002 $\pm$ 0.006 χ^2 /NDF: 23.9/25

- 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: 17.884+/-0.006 χ^2/NDF : 647657.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.026+/-0.006 χ^2/NDF : 657361.8/13

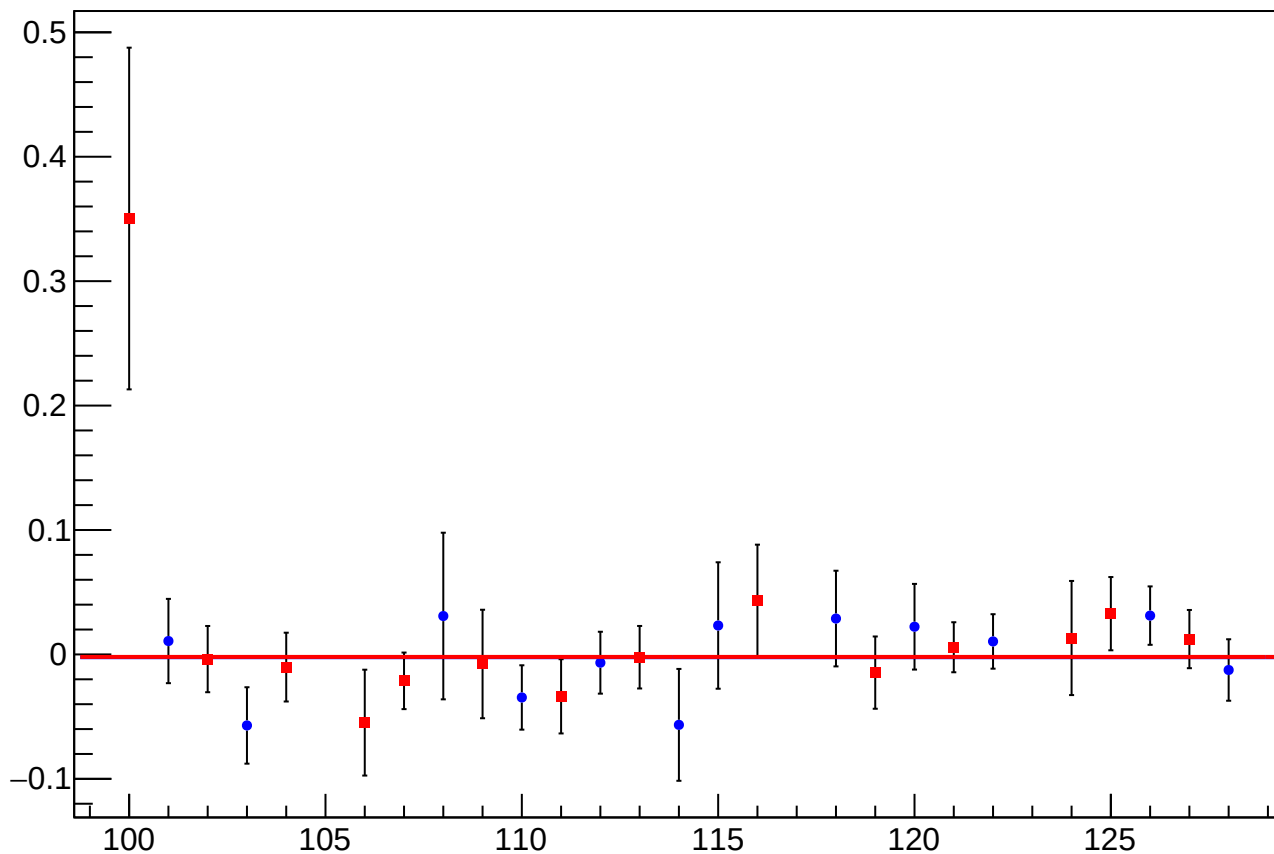
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.413+/-0.004 χ^2/NDF : 1315695.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.002 $\pm$ 0.009 χ^2 /NDF: 10.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.008 χ^2 /NDF: 13.3/13

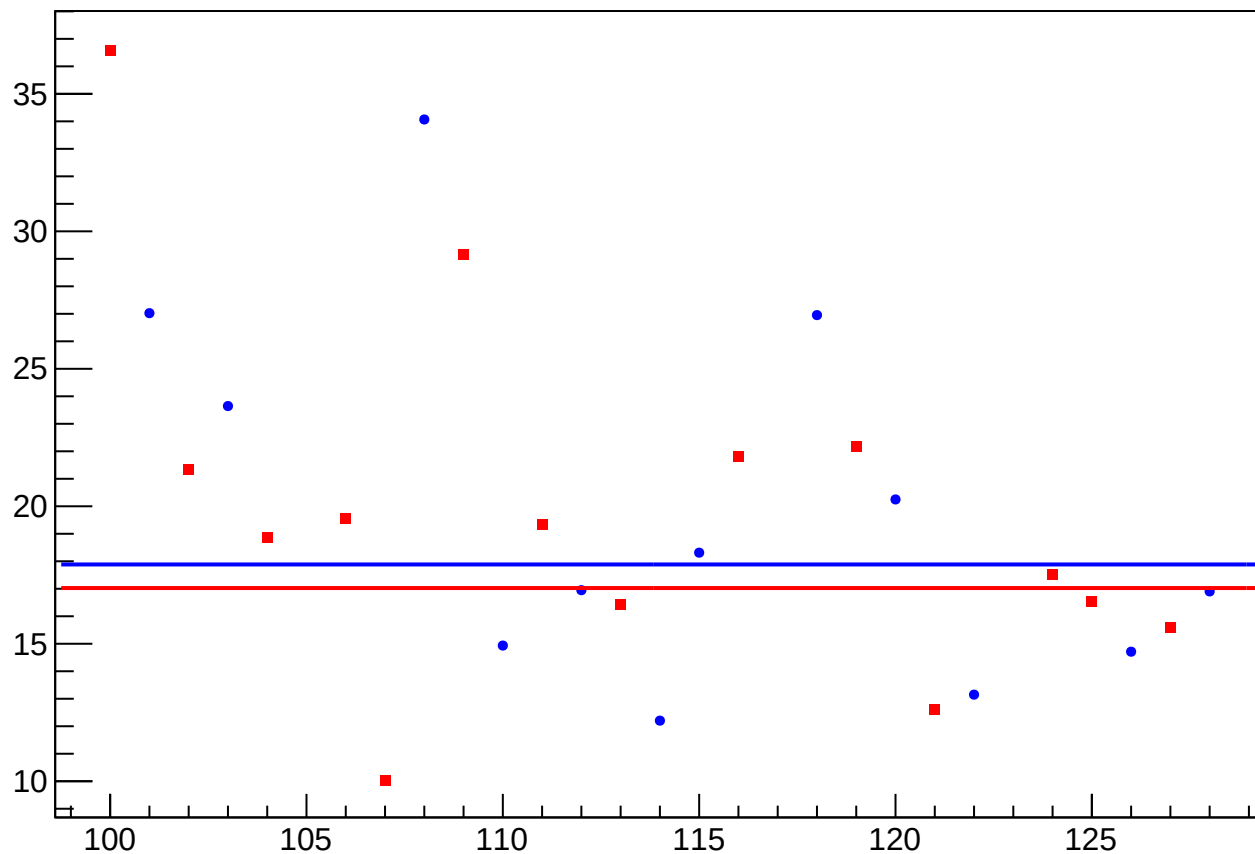
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.002 $\pm$ 0.006 χ^2 /NDF: 23.9/25

- 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: 17.884+/-0.006 χ^2 /NDF: 647657.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 17.026+/-0.006 χ^2 /NDF: 657361.8/13

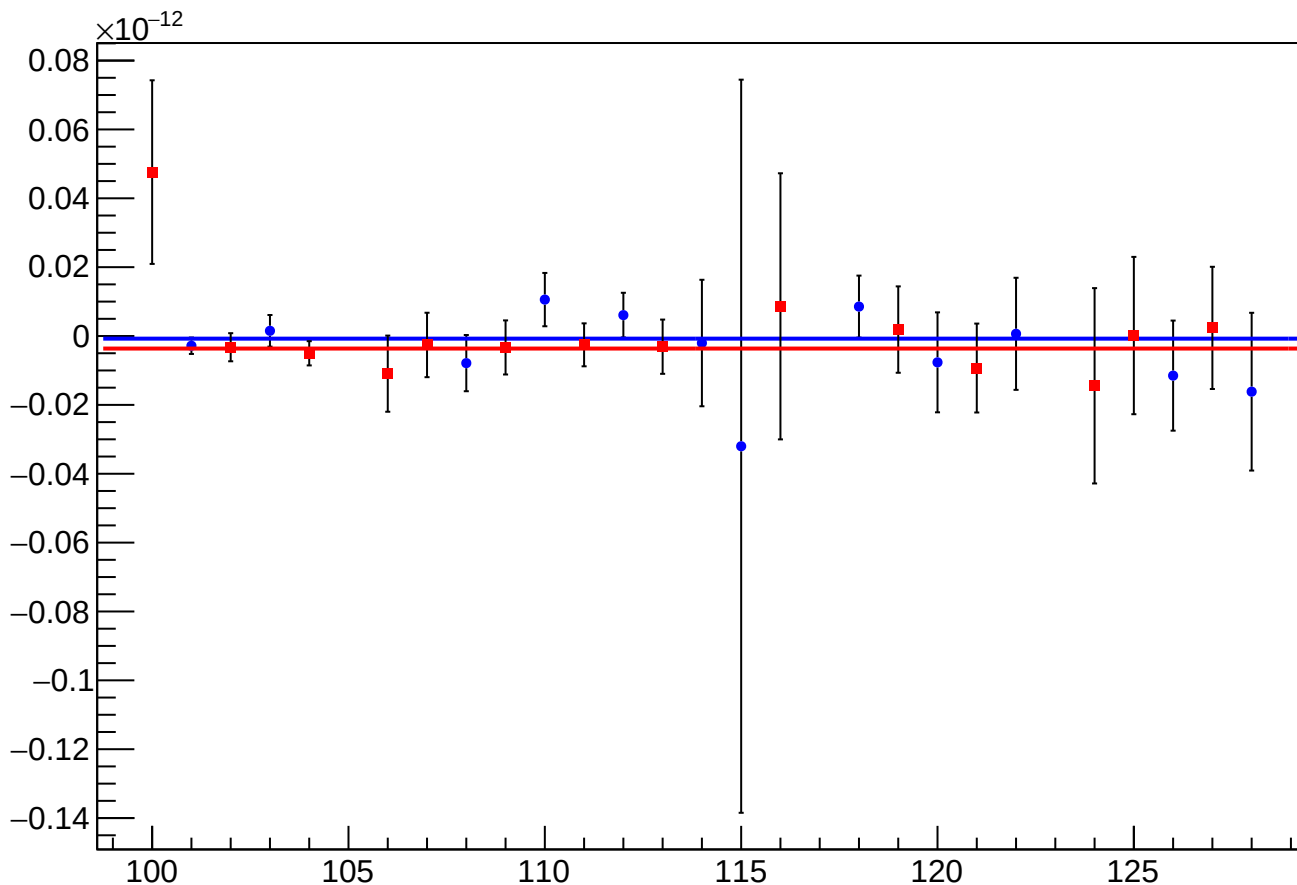
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

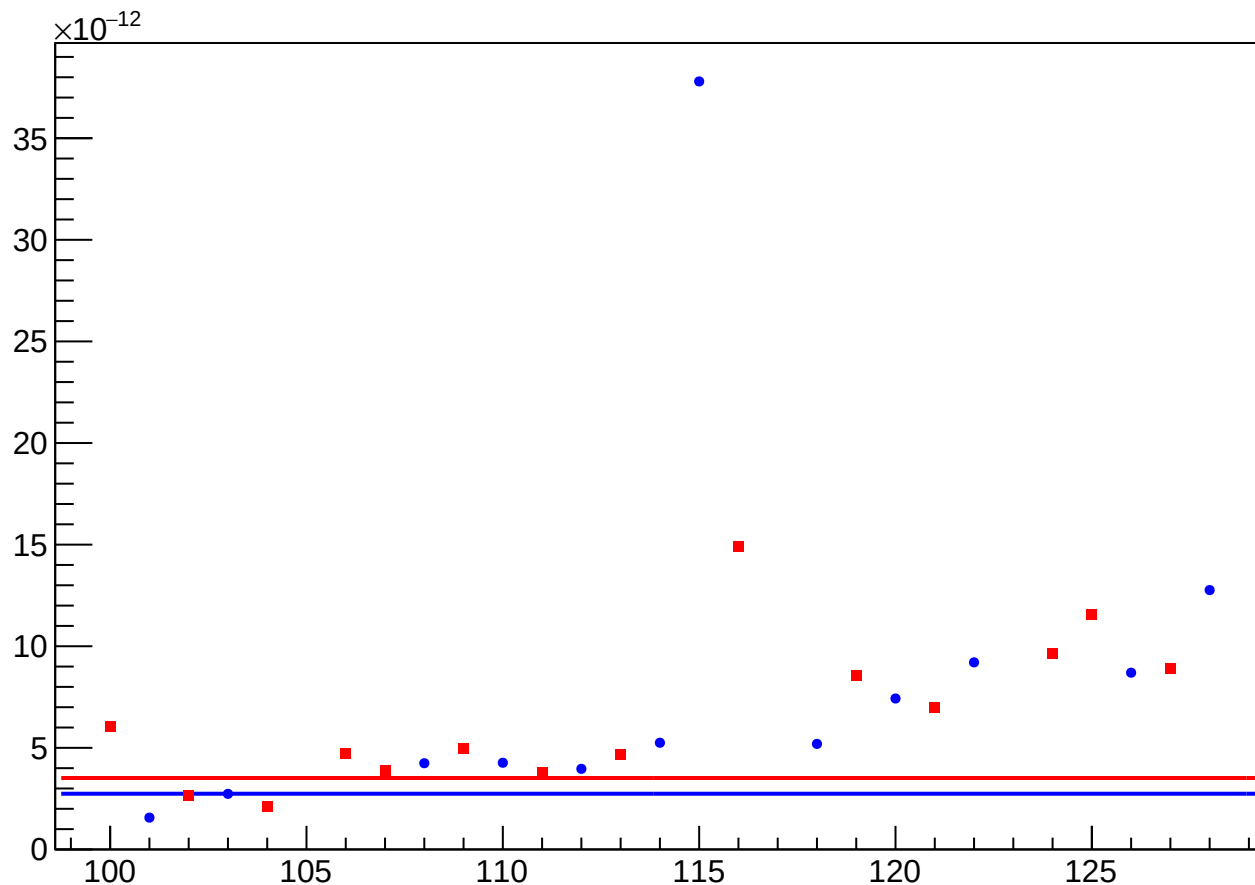
All: 17.413+/-0.004 χ^2 /NDF: 1315695.4/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_eigen_cor_vs_cor_diff_mean vs Slug



asym_sam_15_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2289172.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1740588.3/13

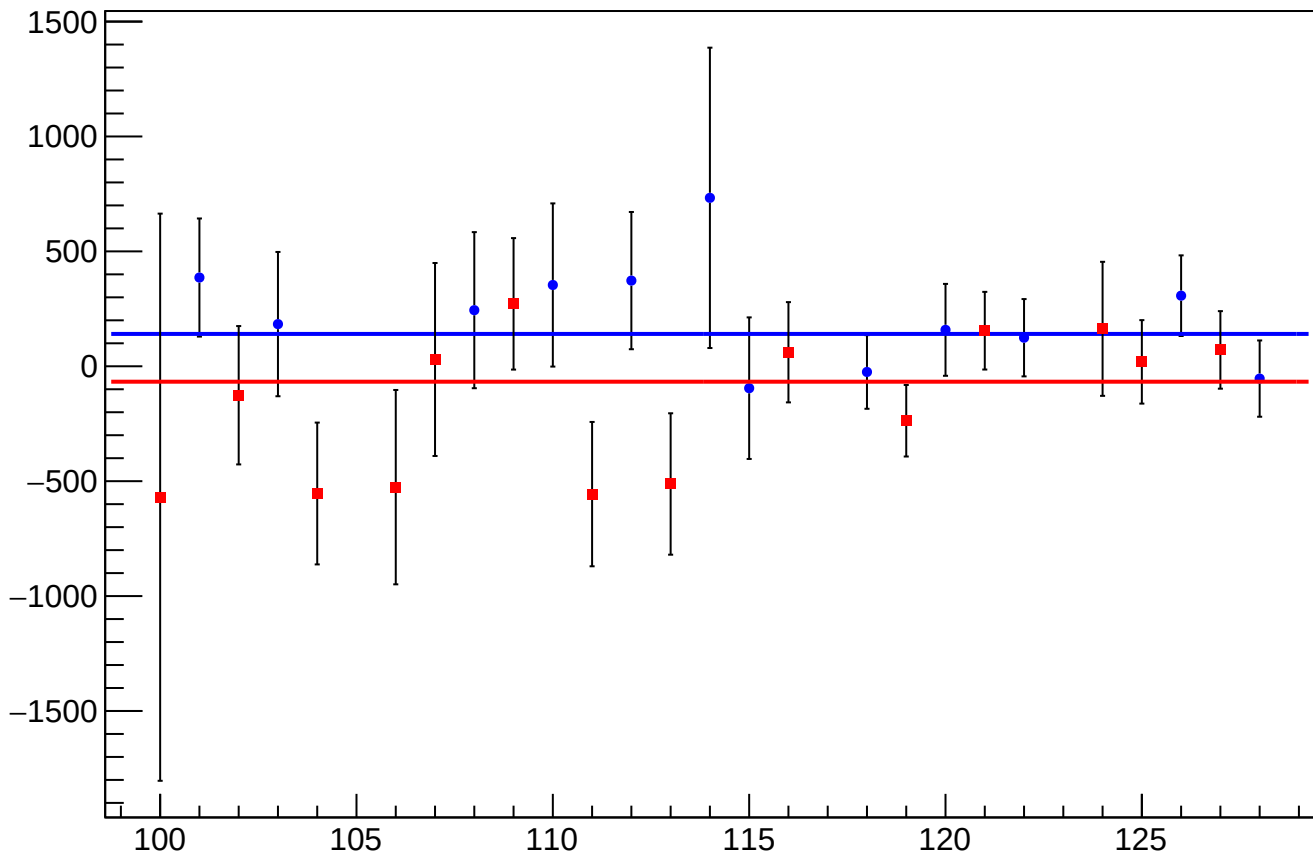
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4191236.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_mean vs Slug



Right In: 140.762 $\pm$ 65.359 χ^2 /NDF: 6.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -67.128 $\pm$ 64.432 χ^2 /NDF: 14.6/13

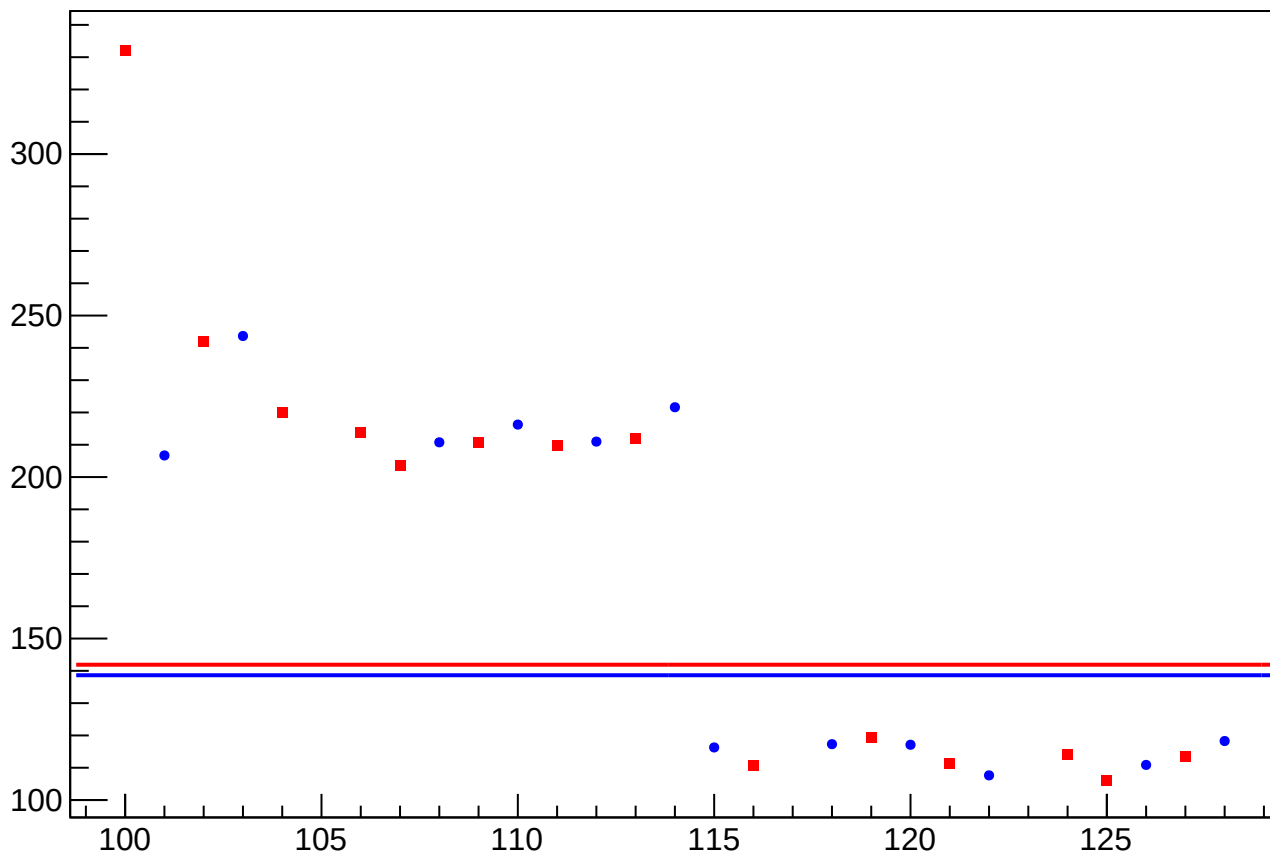
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.333 $\pm$ 45.885 χ^2 /NDF: 26.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_avg_rms vs Slug



Right In: 138.639 $\pm$ 0.046 χ^2 /NDF: 916842.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 141.896 $\pm$ 0.046 χ^2 /NDF: 1109923.0/13

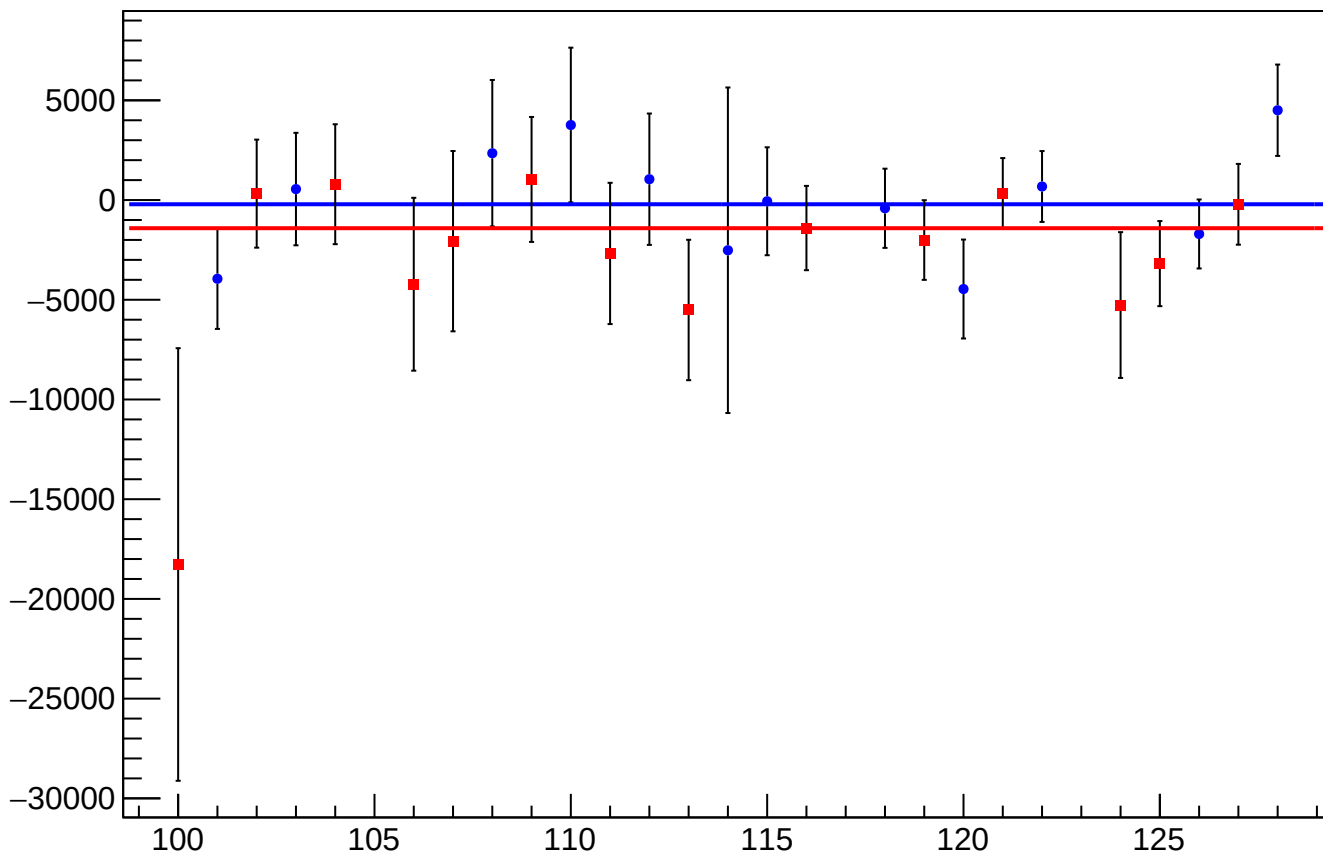
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 140.291 $\pm$ 0.032 χ^2 /NDF: 2029283.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_reg_correction_mean vs Slug



Right In: -210.939+/-720.475 χ^2 /NDF: 12.2/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1411.473+/-715.421 χ^2 /NDF: 9.1/13

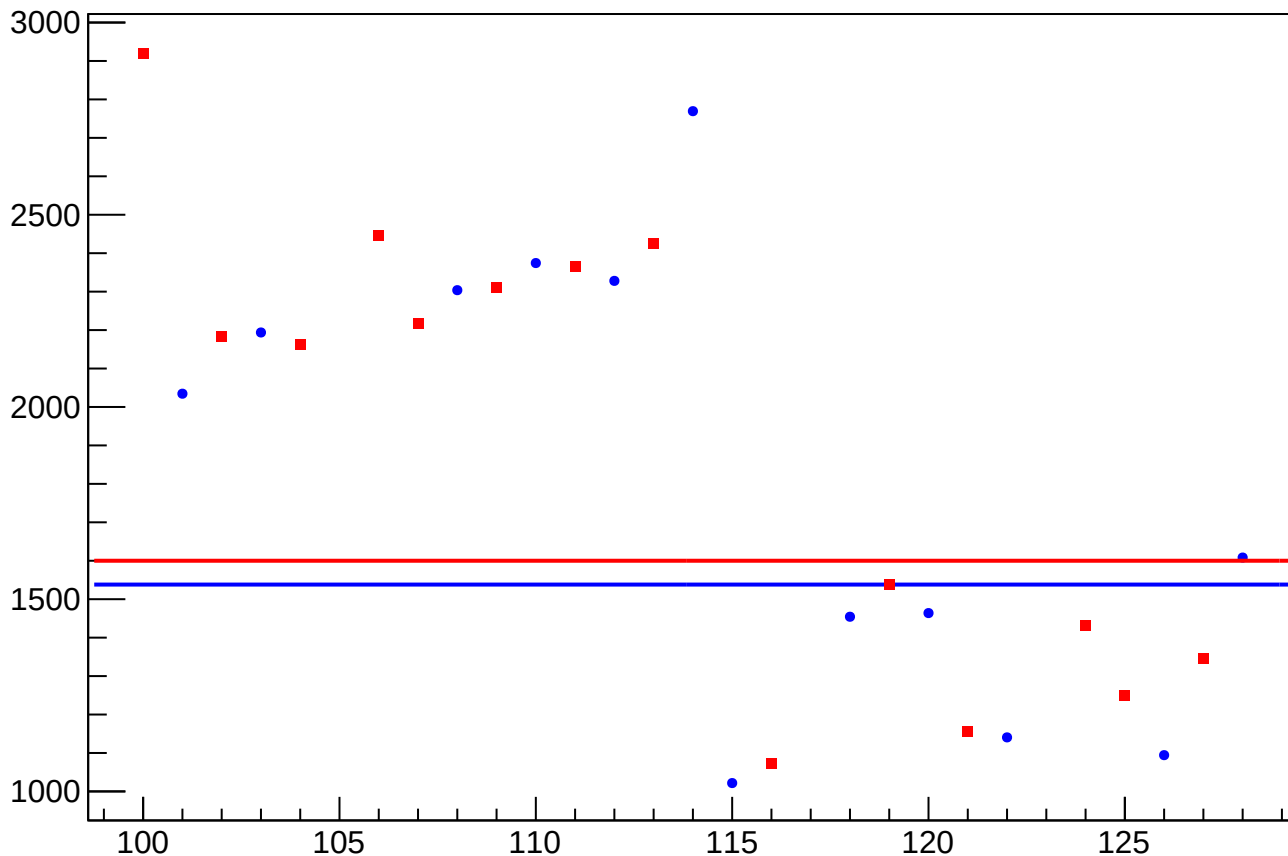
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -815.431+/-507.657 χ^2 /NDF: 22.7/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_reg_correction_rms vs Slug



Right In: 1538.047+/-0.509 χ^2/NDF : 838507.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1600.025+/-0.506 χ^2/NDF : 955803.5/13

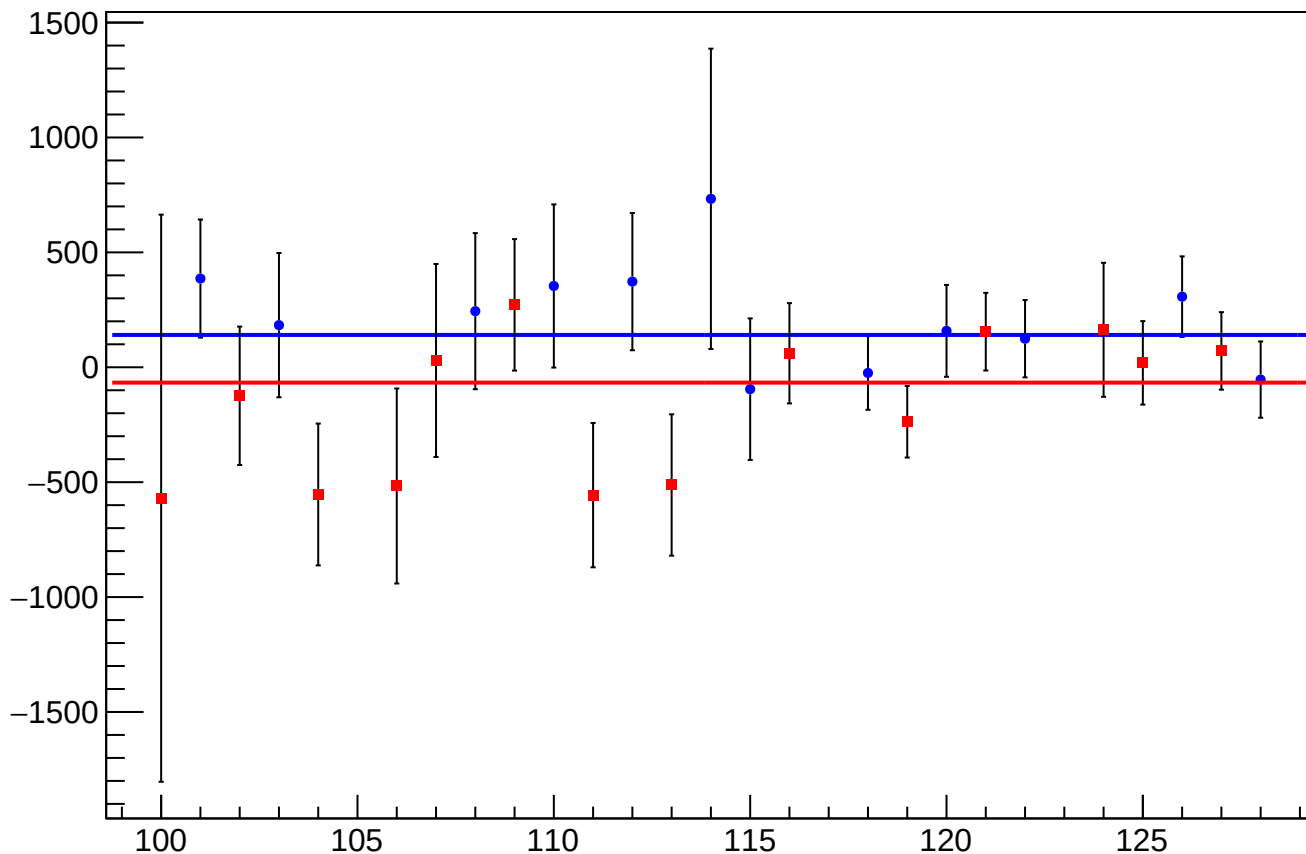
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1569.255+/-0.359 χ^2/NDF : 1801762.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_26_avg_mean vs Slug



Right In: 140.753 $\pm$ 65.359 χ^2 /NDF: 6.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -66.736 $\pm$ 64.439 χ^2 /NDF: 14.6/13

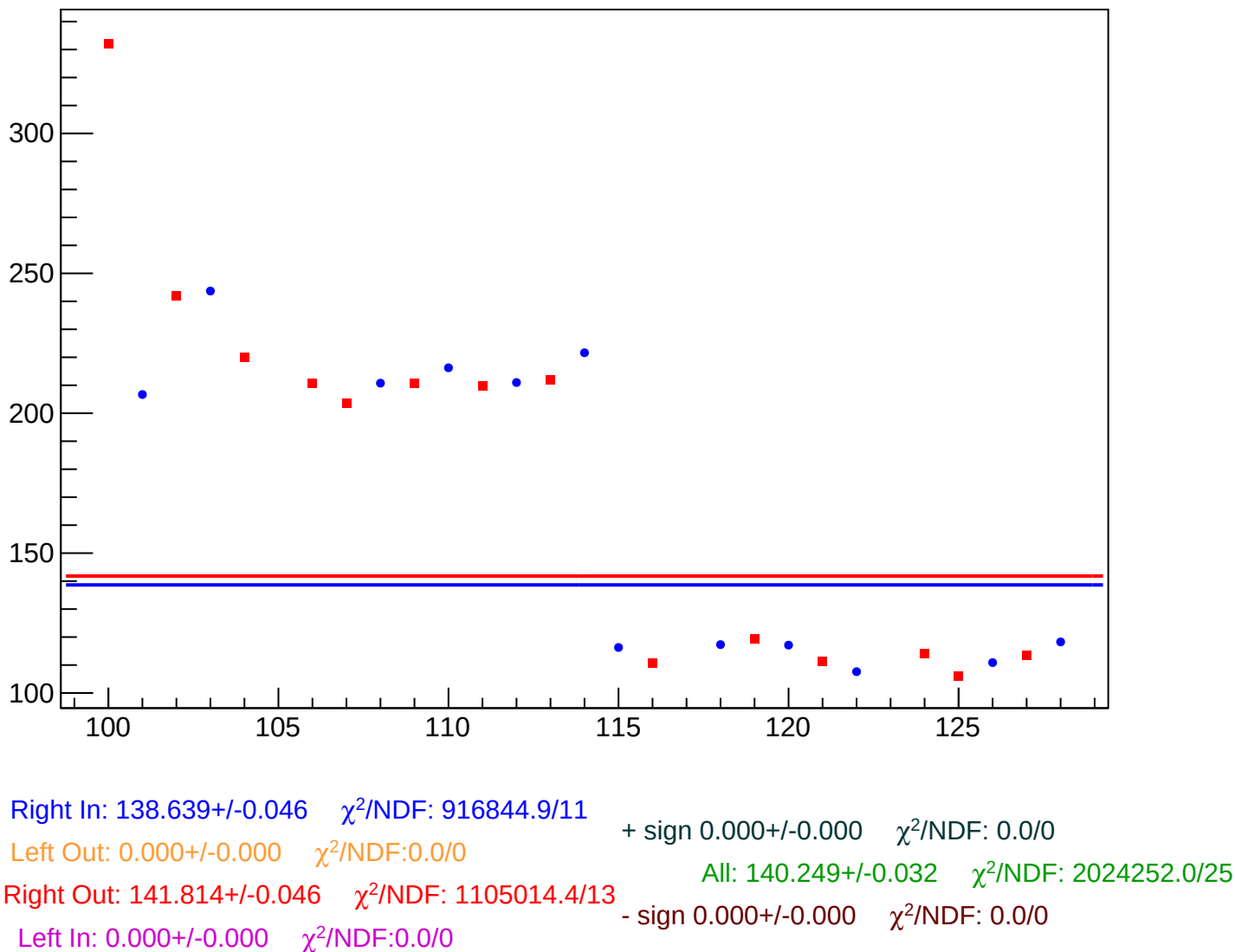
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

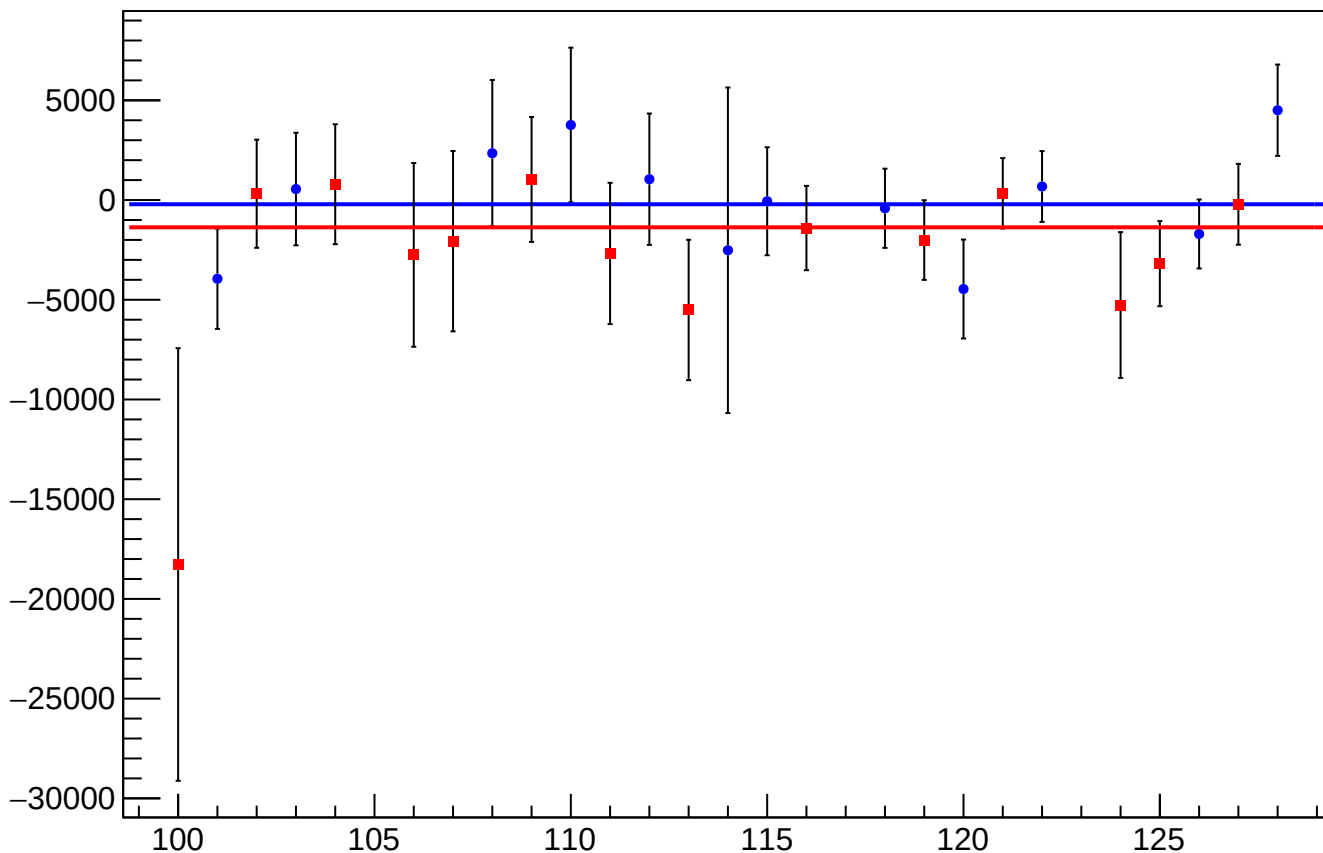
All: 35.539 $\pm$ 45.887 χ^2 /NDF: 26.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_26_avg_rms vs Slug



asym_sam_26_avg_cor_correction_mean vs Slug



Right In: -210.874+/-720.477 χ^2 /NDF: 12.2/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1367.594+/-716.576 χ^2 /NDF: 8.8/13

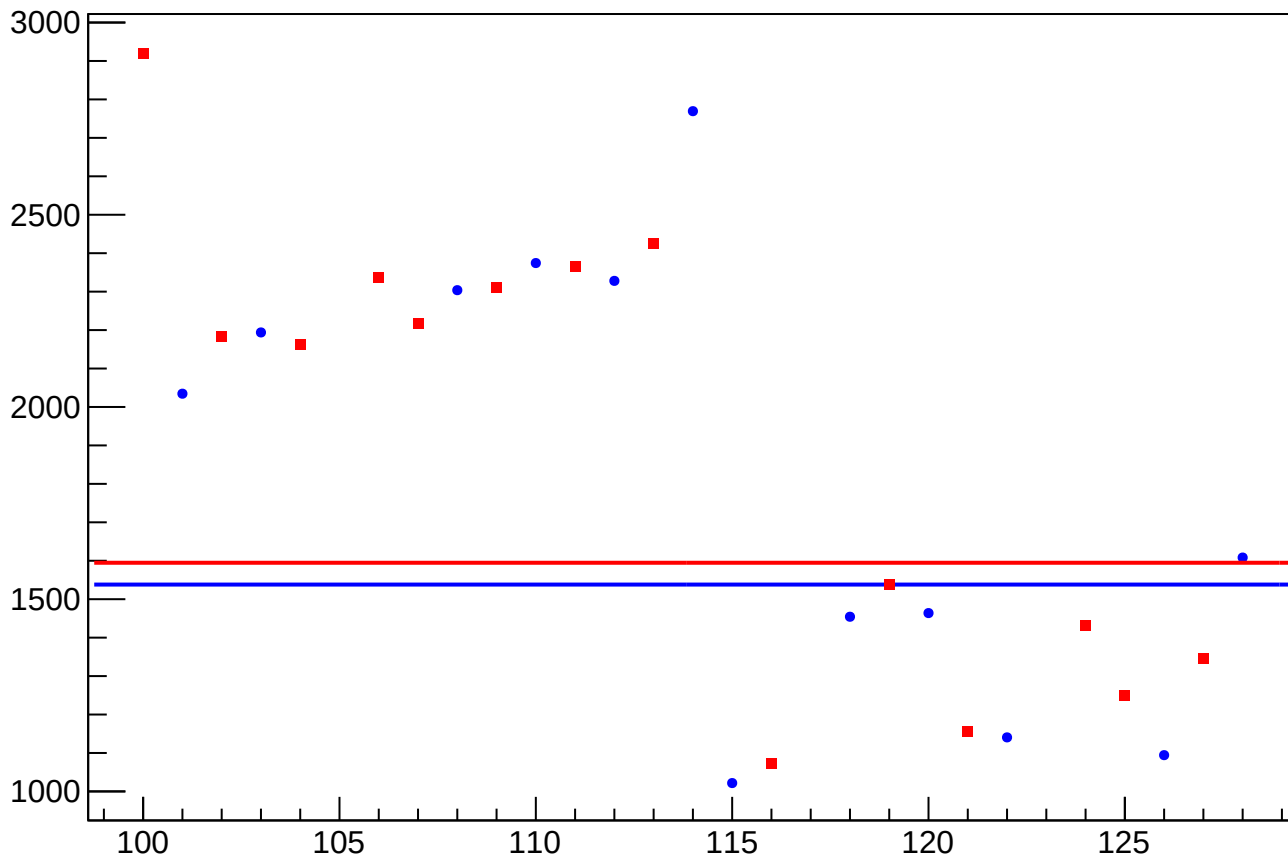
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -792.374+/-508.070 χ^2 /NDF: 22.3/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_cor_correction_rms vs Slug



Right In: 1538.050+/-0.509 χ^2/NDF : 838534.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1594.777+/-0.507 χ^2/NDF : 931020.6/13

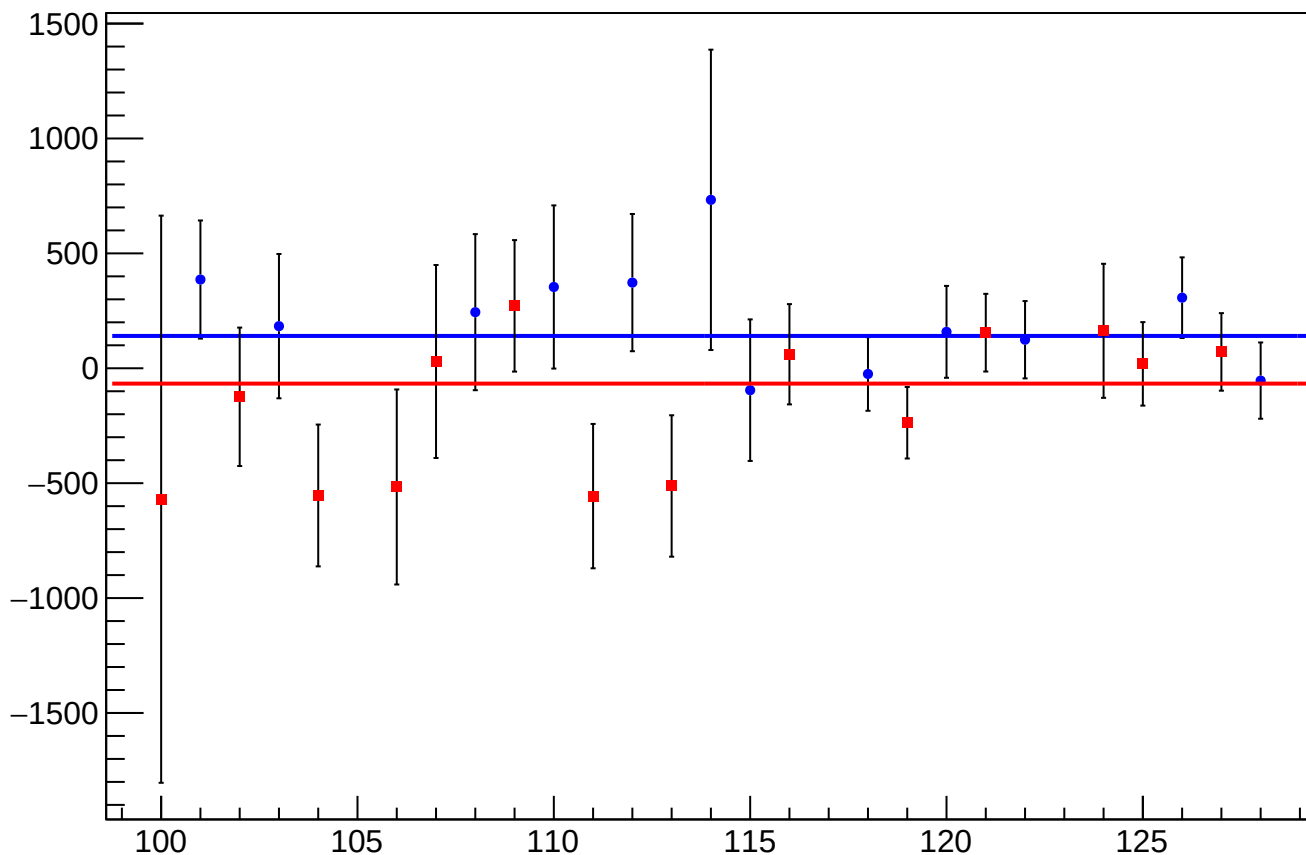
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1566.567+/-0.359 χ^2/NDF : 1775788.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_26_avg_mean vs Slug



Right In: 140.753 $\pm$ 65.359 χ^2 /NDF: 6.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -66.736 $\pm$ 64.439 χ^2 /NDF: 14.6/13

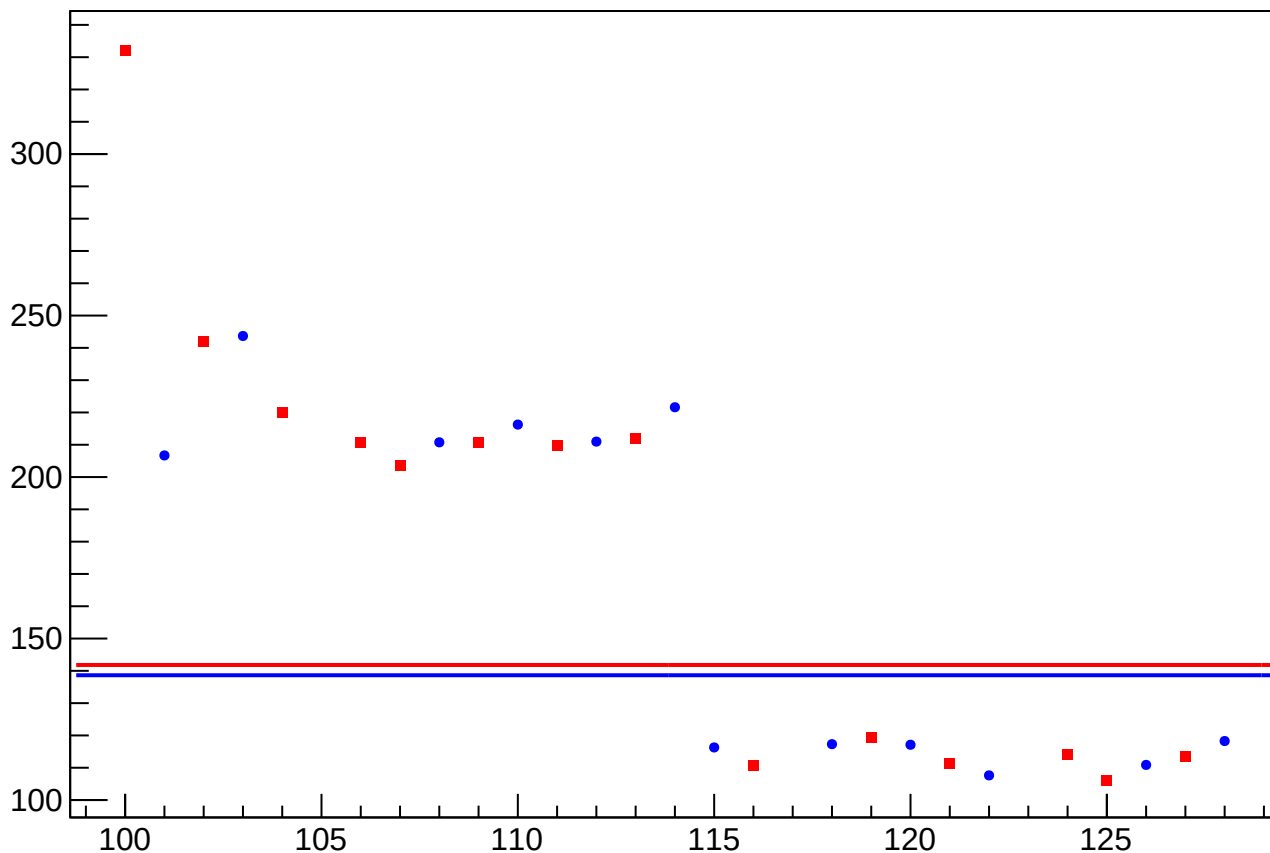
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.539 $\pm$ 45.887 χ^2 /NDF: 26.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_26_avg_rms vs Slug



Right In: 138.639+/-0.046 χ^2/NDF : 916844.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.814+/-0.046 χ^2/NDF : 1105014.4/13

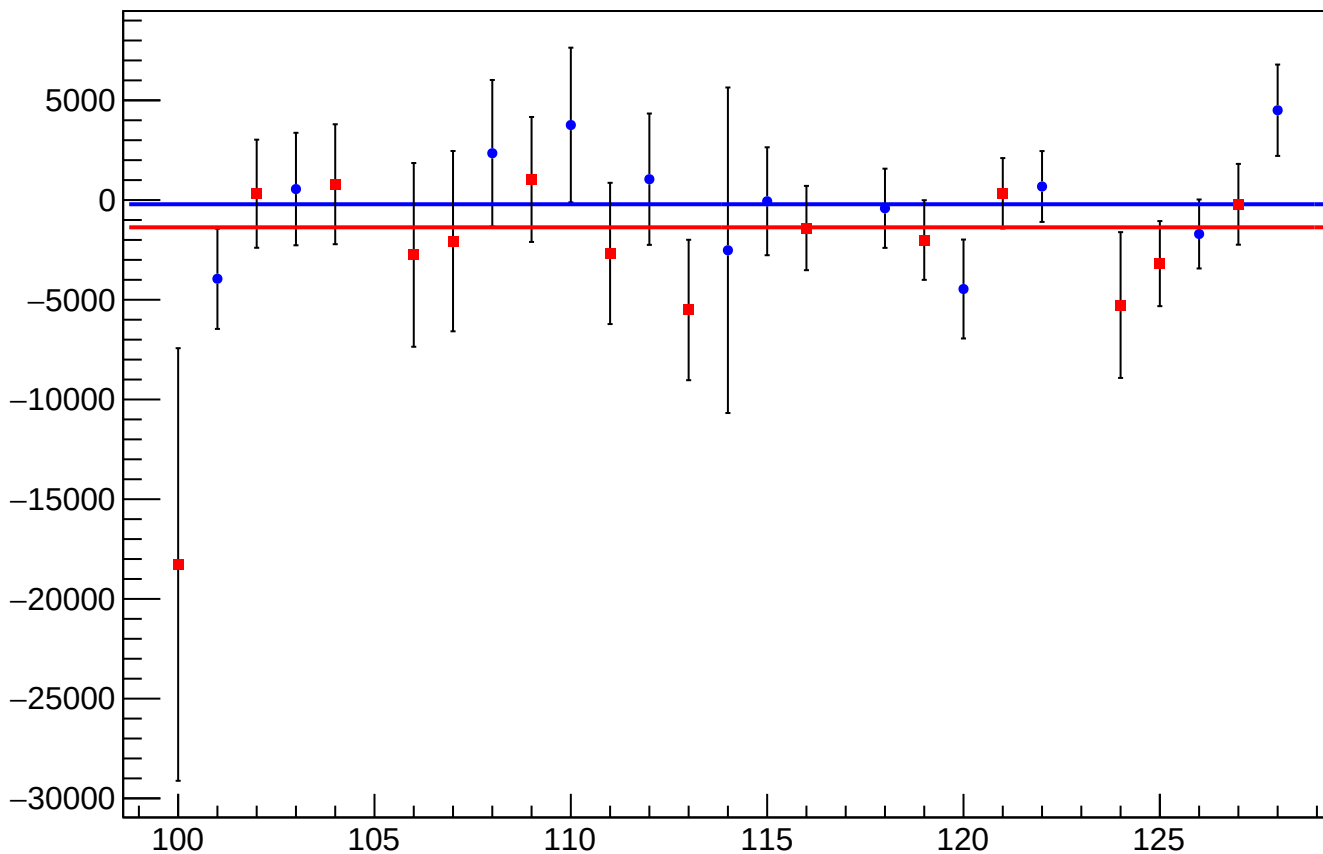
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.249+/-0.032 χ^2/NDF : 2024252.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_cor_correction_mean vs Slug



Right In: -210.874+/-720.477 χ^2 /NDF: 12.2/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1367.594+/-716.576 χ^2 /NDF: 8.8/13

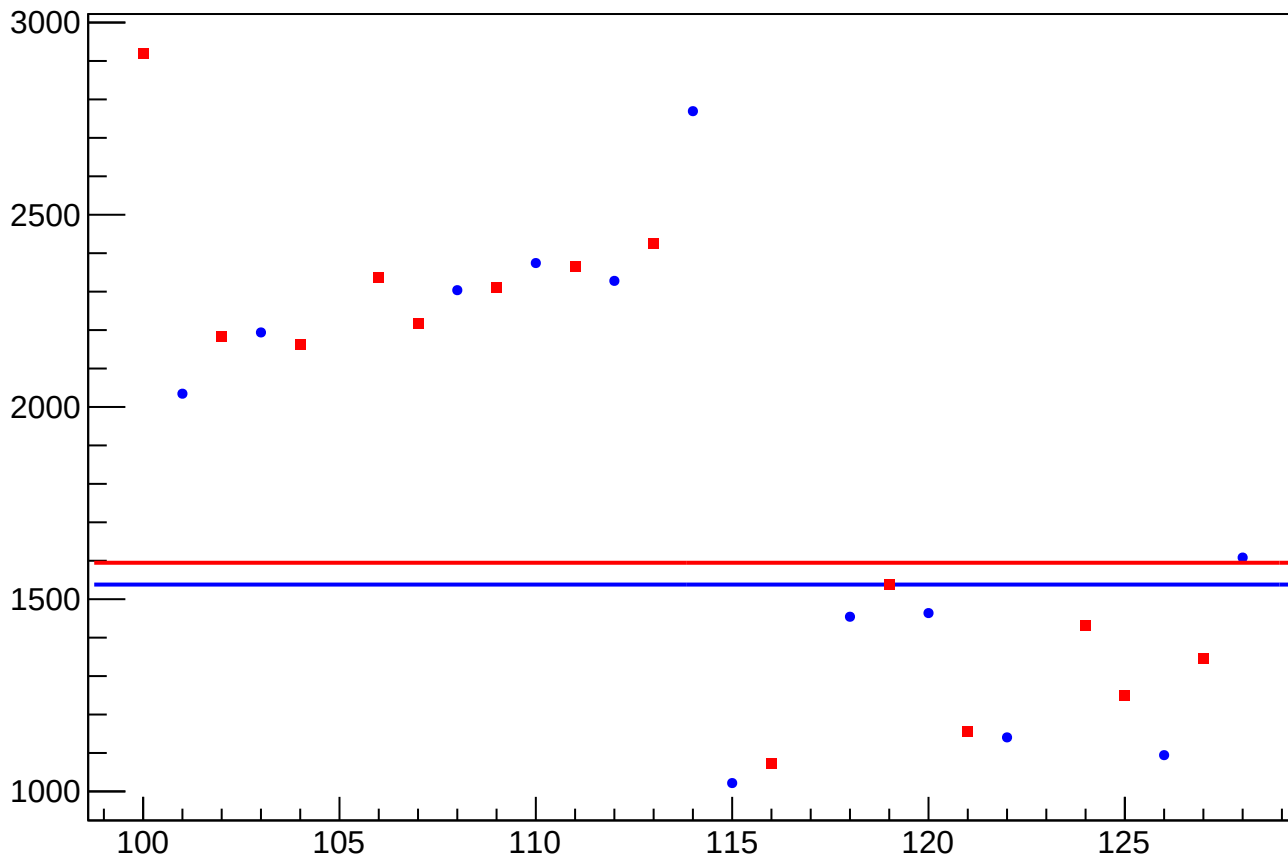
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -792.374+/-508.070 χ^2 /NDF: 22.3/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_cor_correction_rms vs Slug



Right In: 1538.050+/-0.509 χ^2/NDF : 838534.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1594.777+/-0.507 χ^2/NDF : 931020.6/13

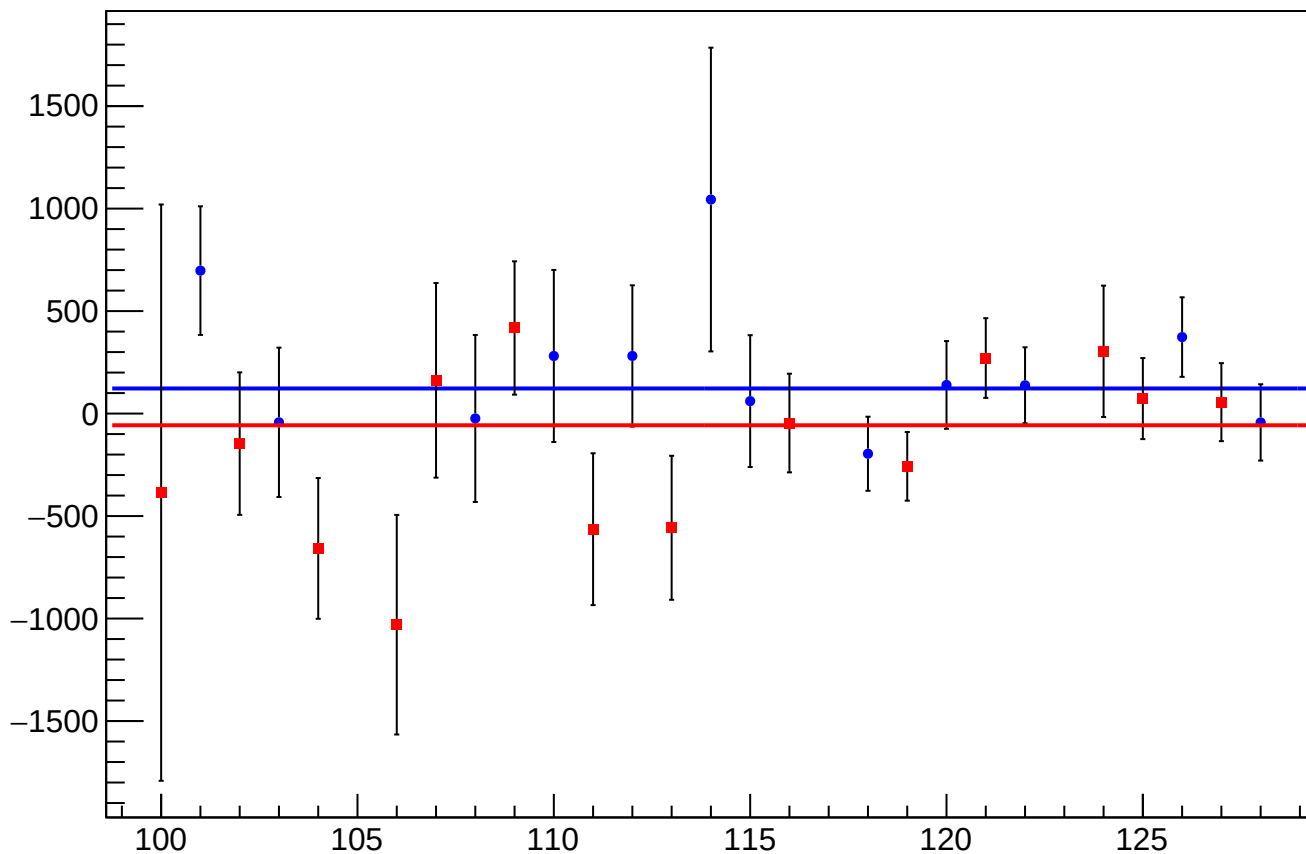
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1566.567+/-0.359 χ^2/NDF : 1775788.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_avg_mean vs Slug



Right In: 122.418 $\pm$ 73.263 χ^2 /NDF: 11.2/11

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -57.087 $\pm$ -72.110 χ^2 /NDF: 19.1/13

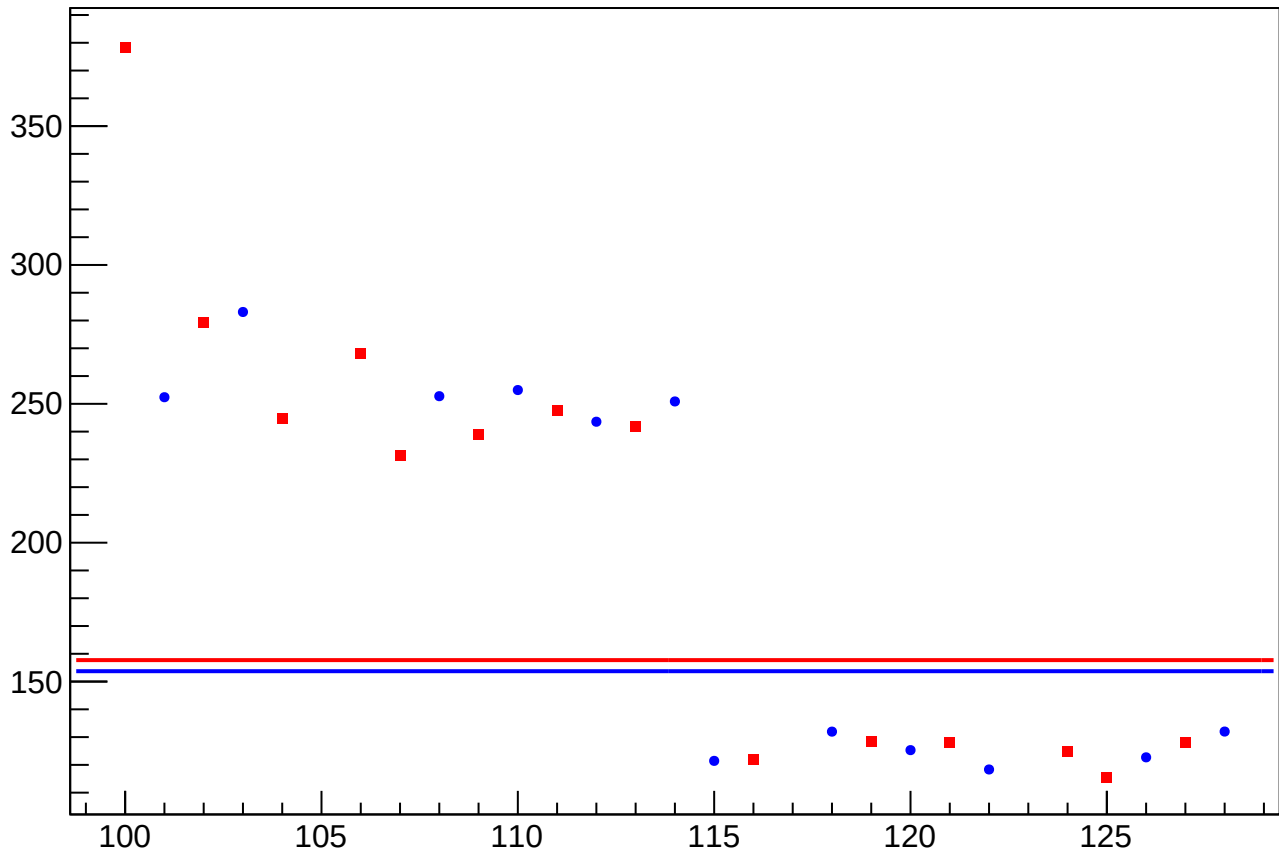
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: 31.242 $\pm$ -51.392 χ^2 /NDF: 33.3/25

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_26_avg_rms vs Slug



Right In: 153.732 $\pm$ 0.052 χ^2 /NDF: 1090265.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 157.721 $\pm$ 0.051 χ^2 /NDF: 1225771.6/13

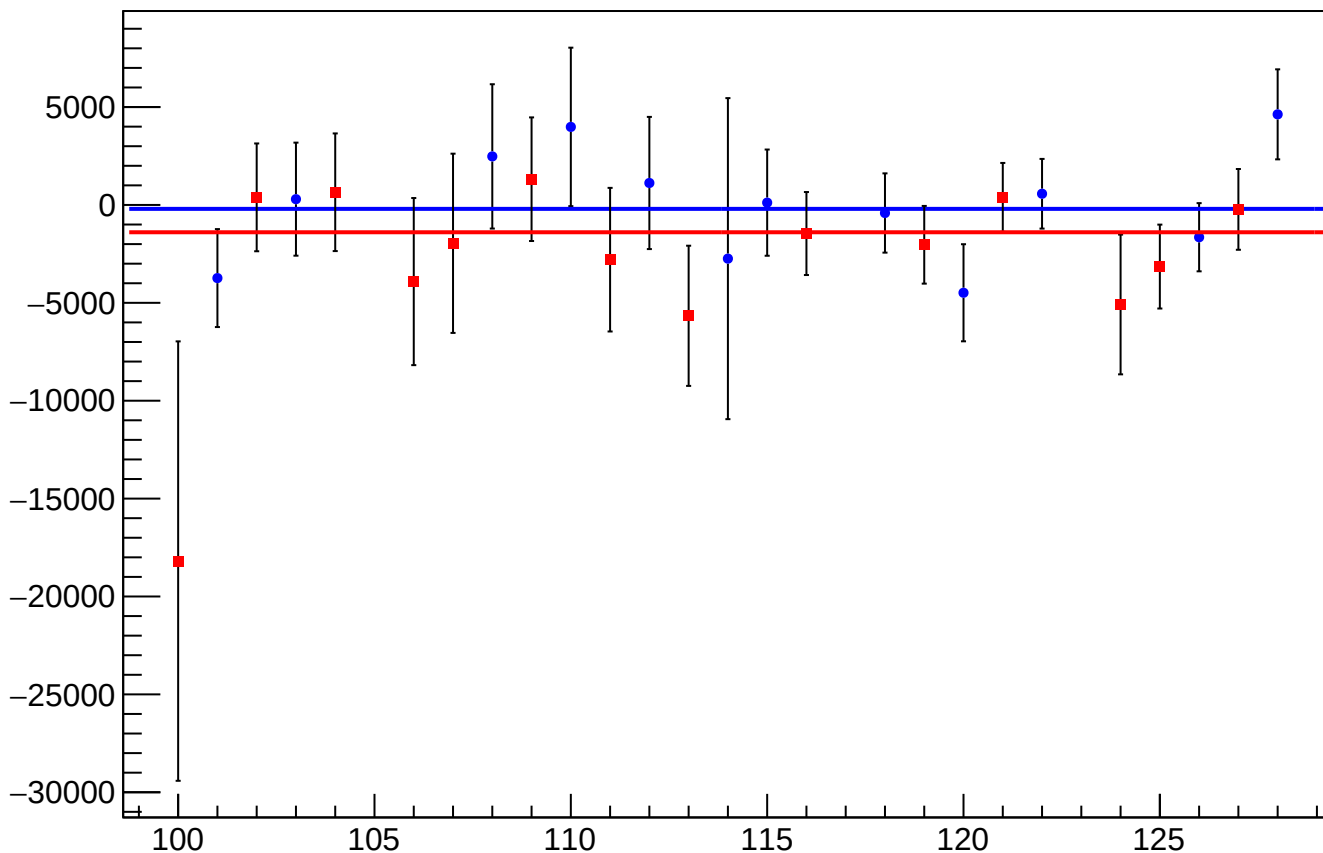
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 155.758 $\pm$ 0.036 χ^2 /NDF: 2319049.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_dit_correction_mean vs Slug



Right In: -200.407+/-726.590 χ^2 /NDF: 12.2/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1395.294+/-718.574 χ^2 /NDF: 9.0/13

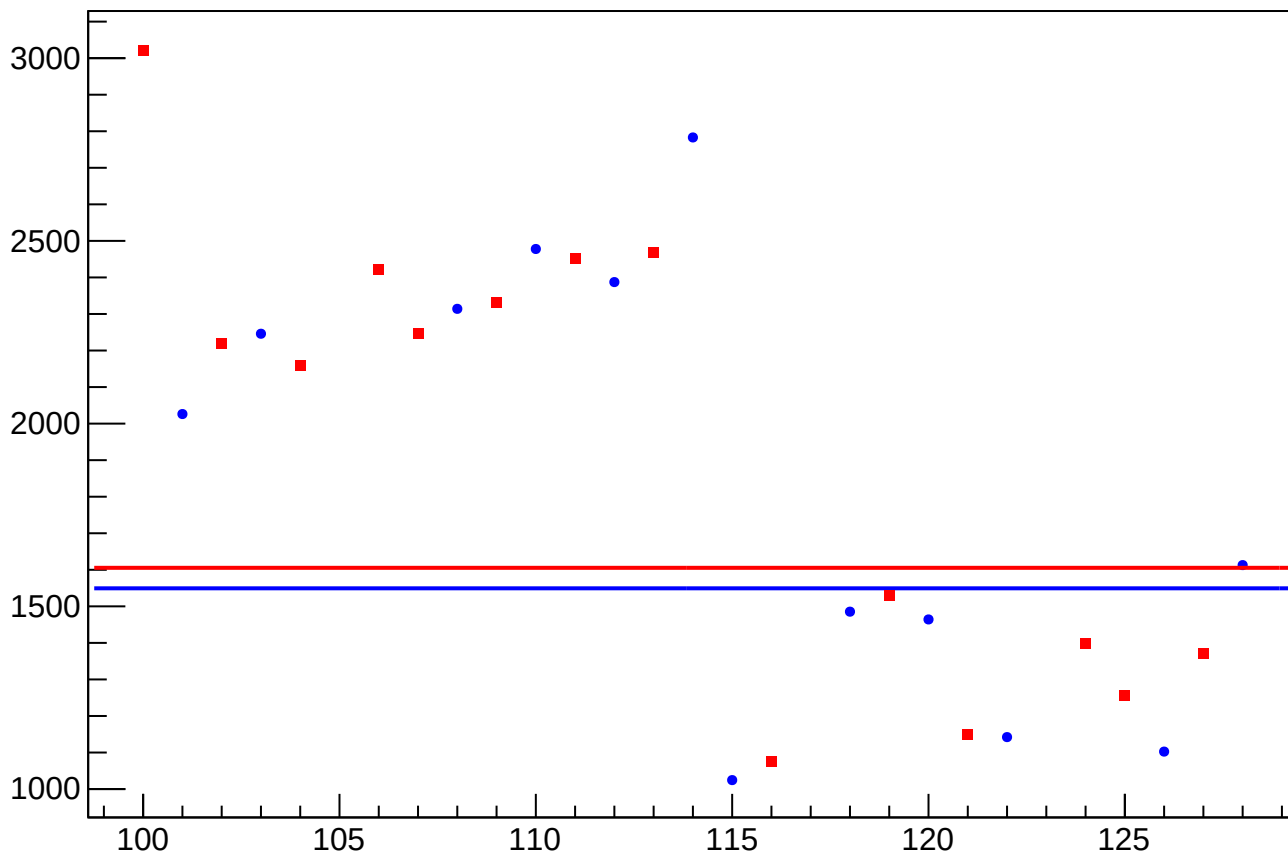
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -804.478+/-510.919 χ^2 /NDF: 22.5/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_dit_correction_rms vs Slug



Right In: 1549.333+/-0.514 χ^2/NDF : 865932.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1605.432+/-0.508 χ^2/NDF : 987128.3/13

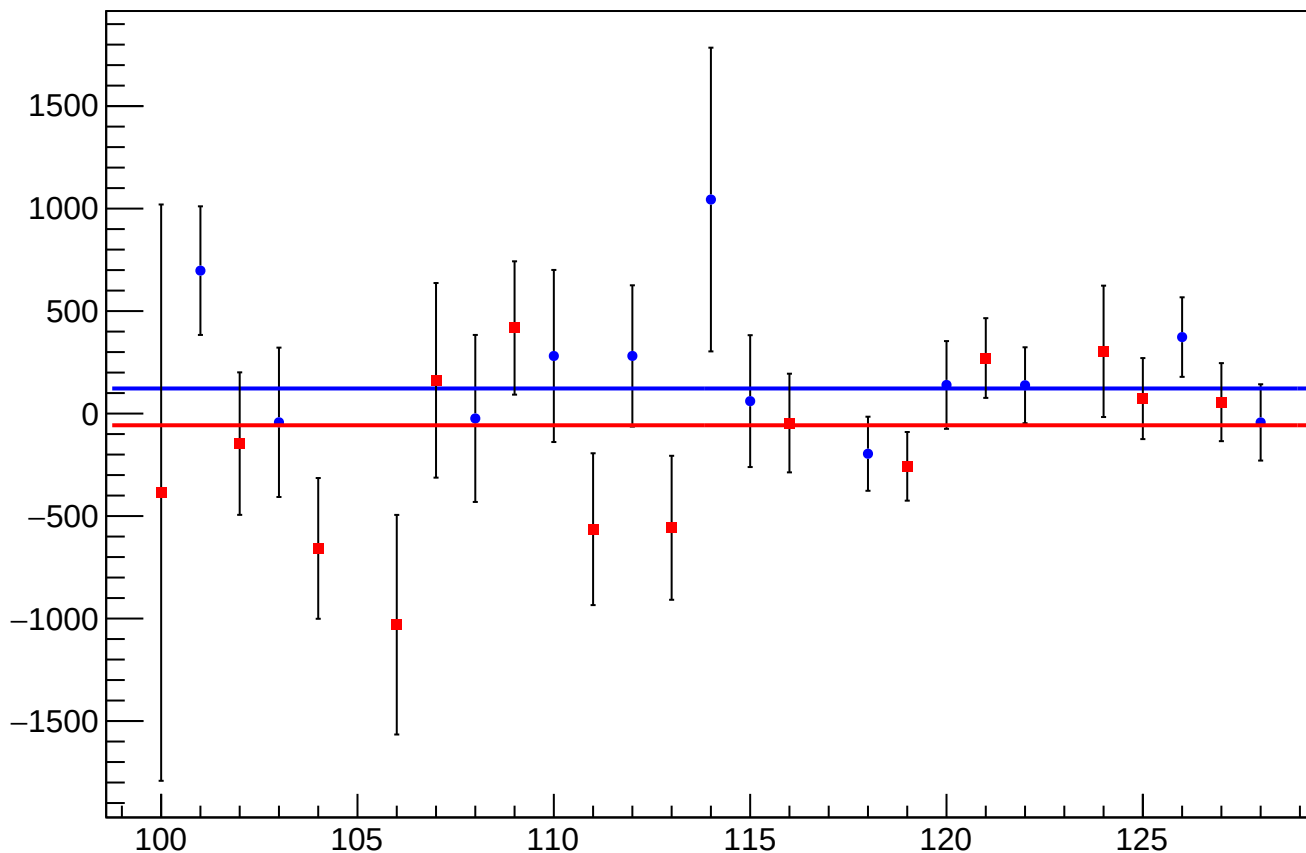
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1577.693+/-0.361 χ^2/NDF : 1859088.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_26_avg_mean vs Slug



Right In: 122.419 $\pm$ 73.263 χ^2 /NDF: 11.2/11

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -57.087 $\pm$ -72.110 χ^2 /NDF: 19.1/13

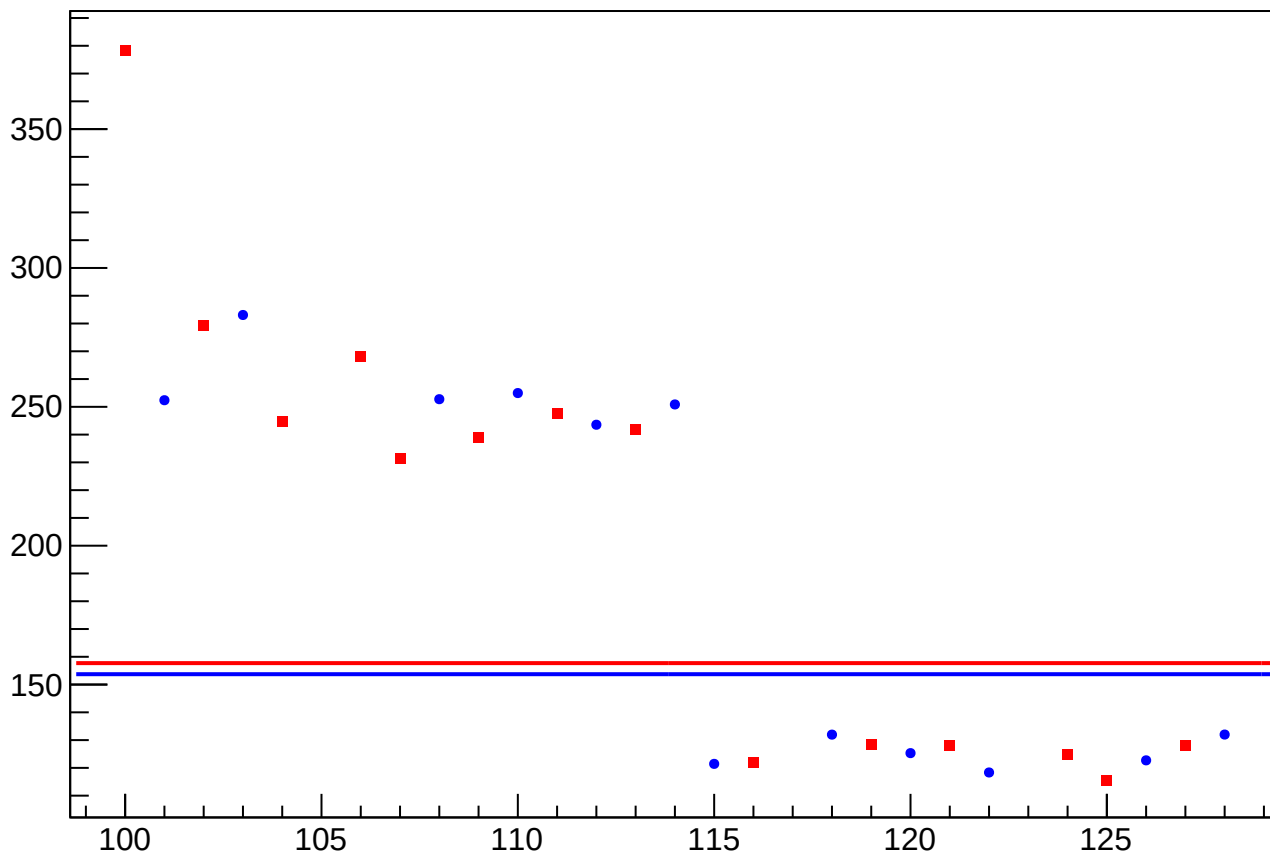
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: 31.242 $\pm$ -51.392 χ^2 /NDF: 33.3/25

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_26_avg_rms vs Slug



Right In: 153.731+/-0.052 χ^2/NDF : 1090250.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.721+/-0.051 χ^2/NDF : 1225749.3/13

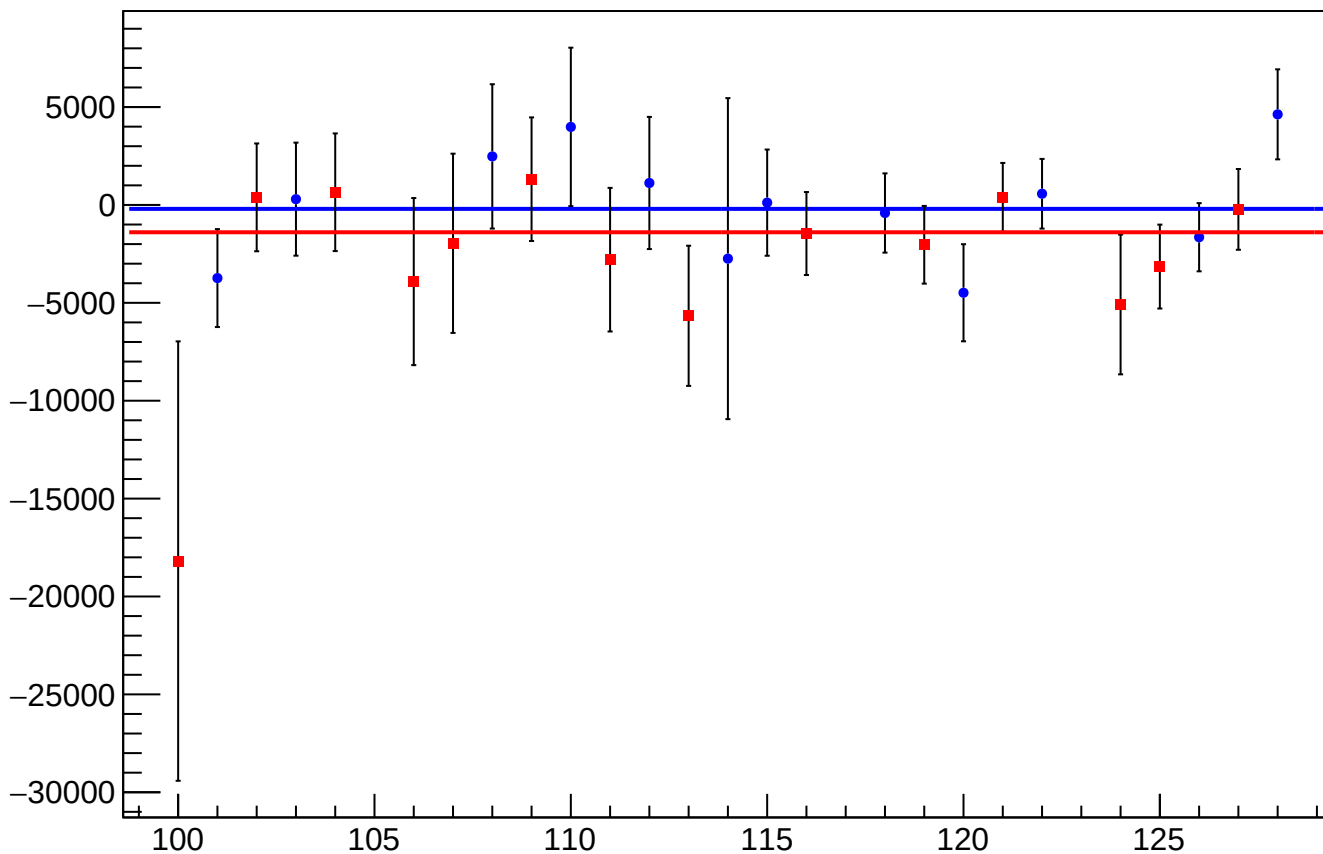
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.758+/-0.036 χ^2/NDF : 2319012.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_dit_correction_mean vs Slug



Right In: -200.402 $\pm$ 726.589 χ^2 /NDF: 12.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1395.293 $\pm$ 718.573 χ^2 /NDF: 9.0/13

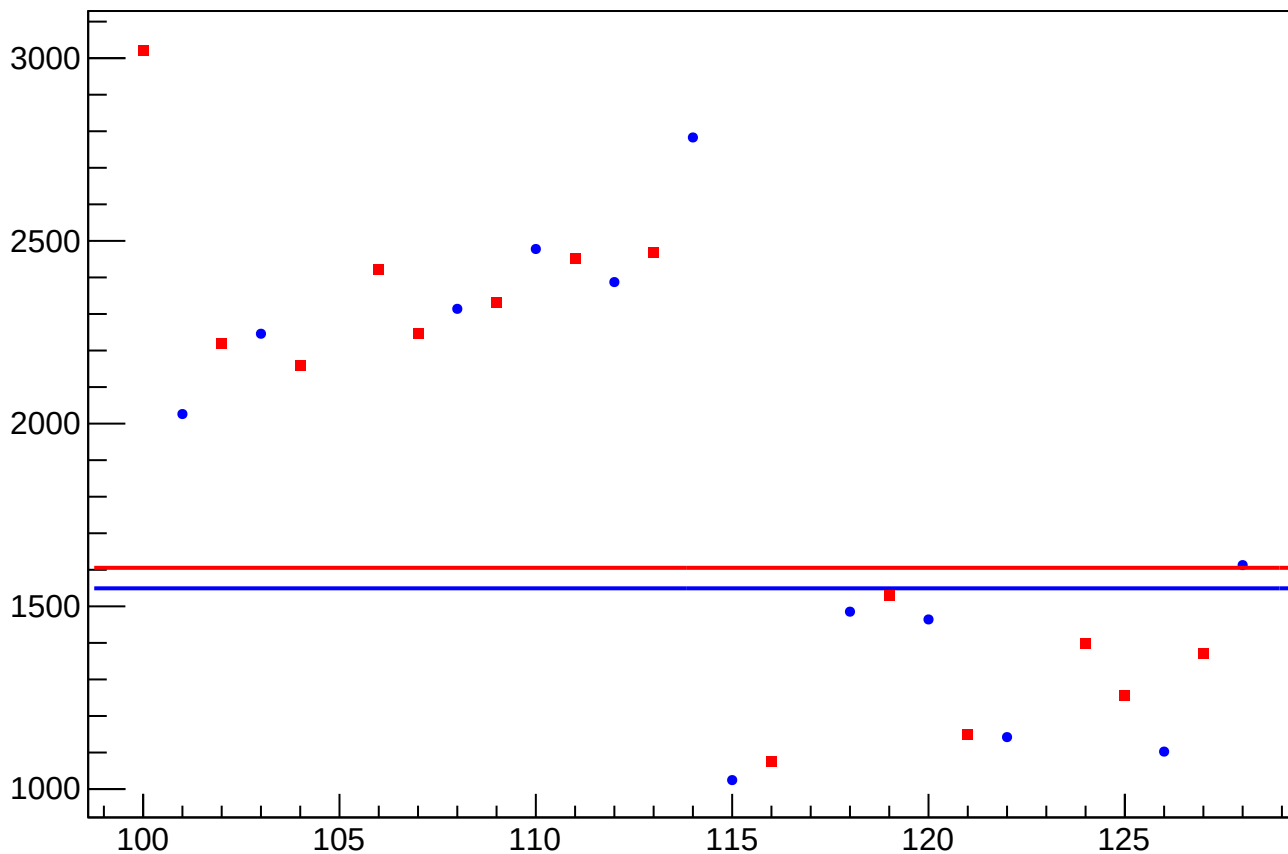
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -804.475 $\pm$ 510.918 χ^2 /NDF: 22.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_dit_correction_rms vs Slug



Right In: 1549.331+/-0.514 χ^2/NDF : 865920.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1605.430+/-0.508 χ^2/NDF : 987117.1/13

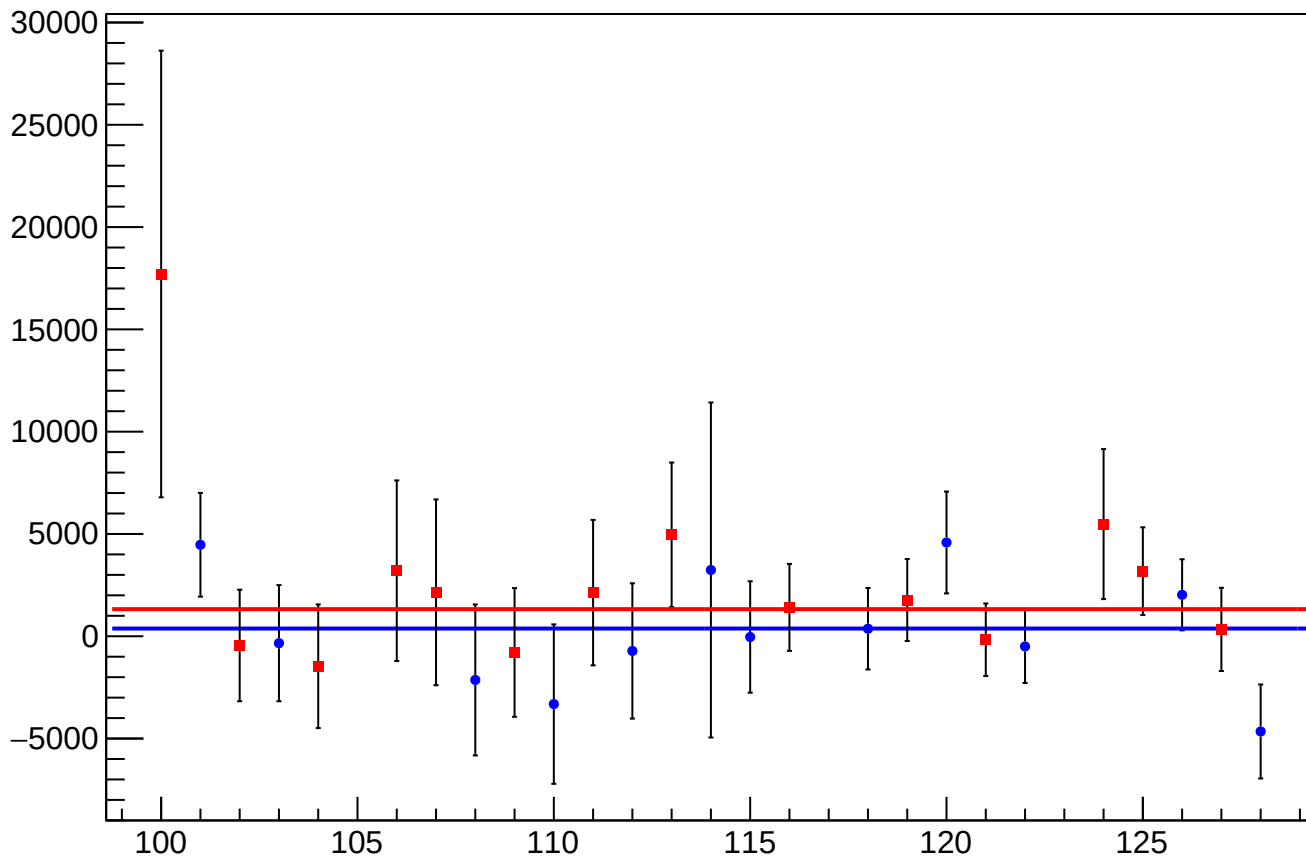
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1577.692+/-0.361 χ^2/NDF : 1859065.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_mean vs Slug



Right In: 377.478+/-724.007 χ^2/NDF : 13.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1325.048+/-718.887 χ^2/NDF : 8.3/13

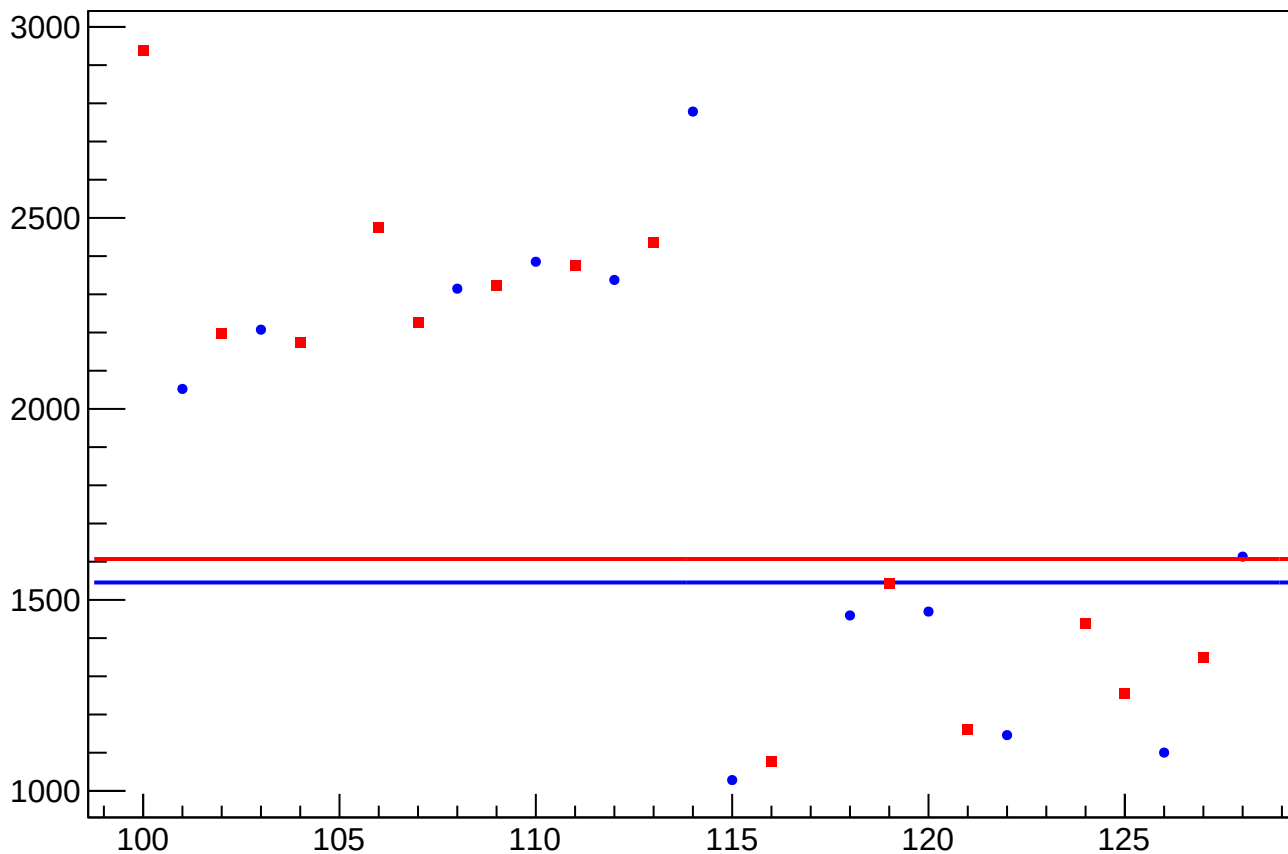
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 854.625+/-510.131 χ^2/NDF : 22.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_rms vs Slug



Right In: 1545.613+/-0.512 χ^2/NDF : 839481.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1607.079+/-0.508 χ^2/NDF : 957452.2/13

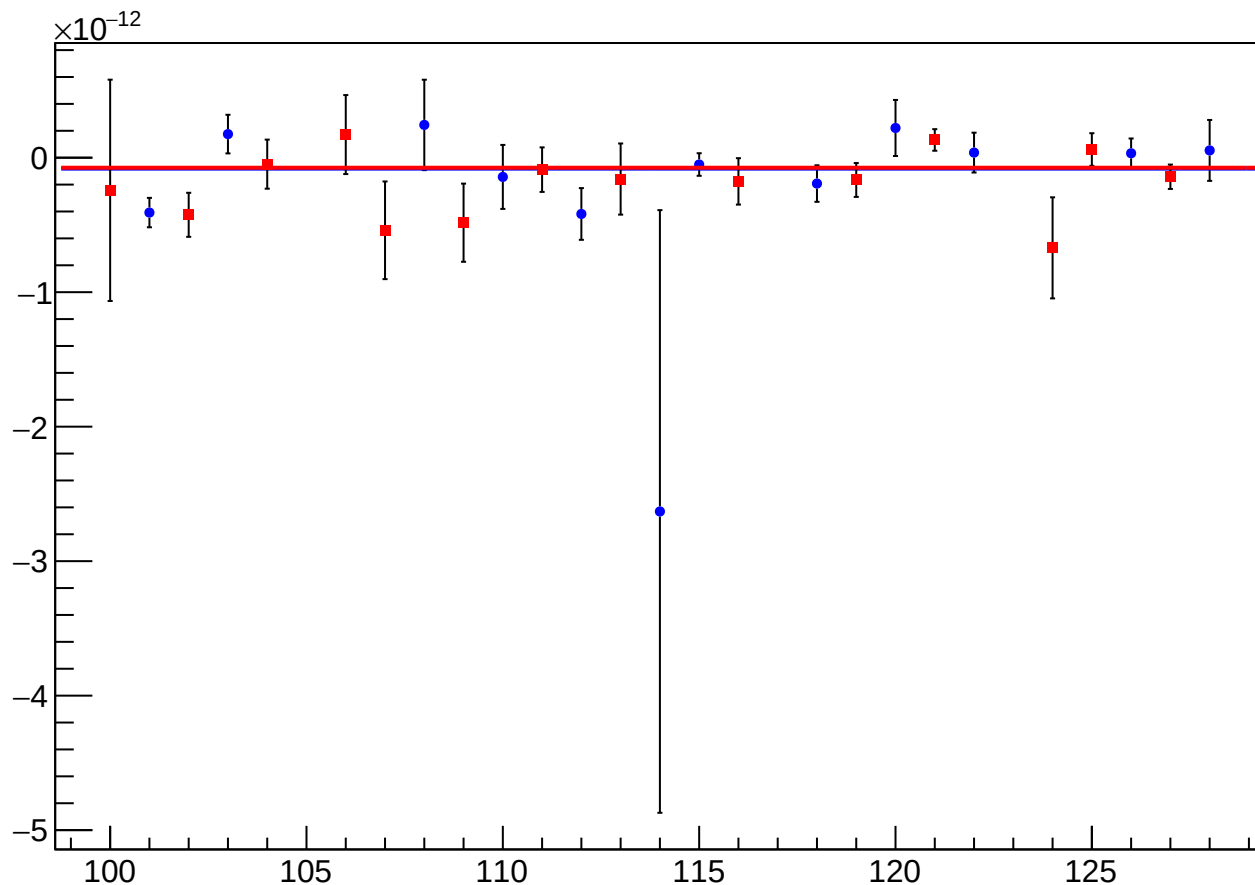
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1576.564+/-0.361 χ^2/NDF : 1804192.2/25

- 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: 22.5/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 20.9/13

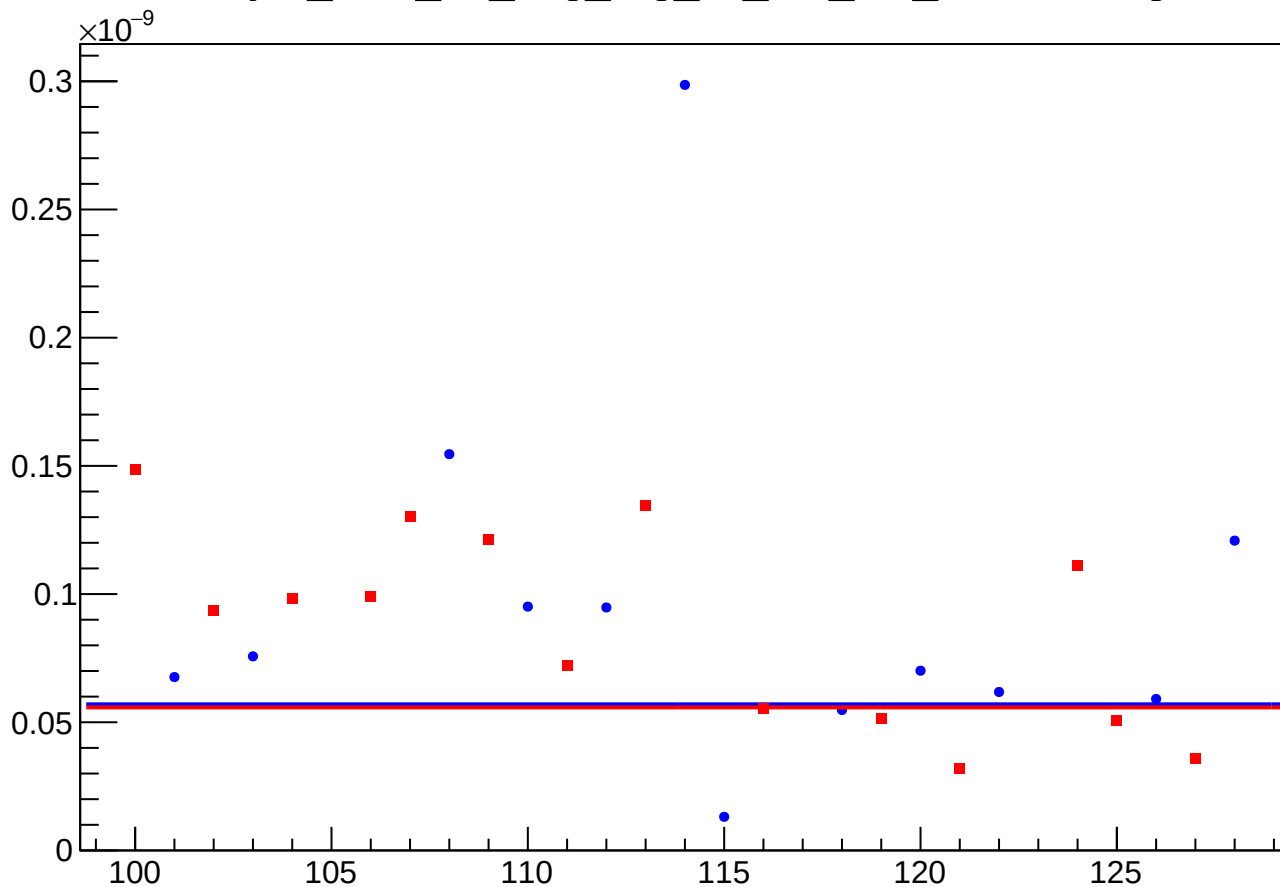
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 43.4/25

- 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 : 1090295.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 989041.1/13

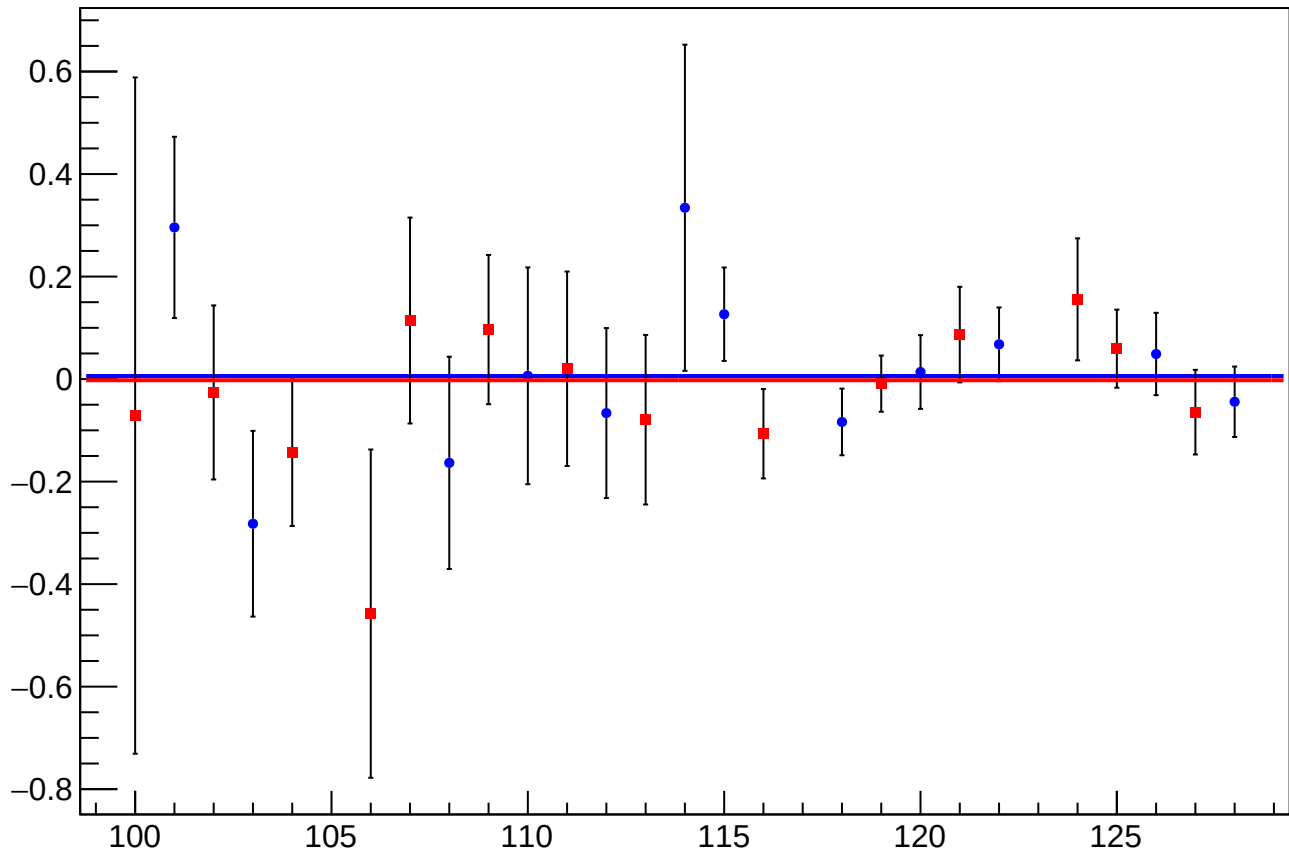
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2080160.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.006 $\pm$ 0.028 χ^2 /NDF: 12.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.029 χ^2 /NDF: 9.4/13

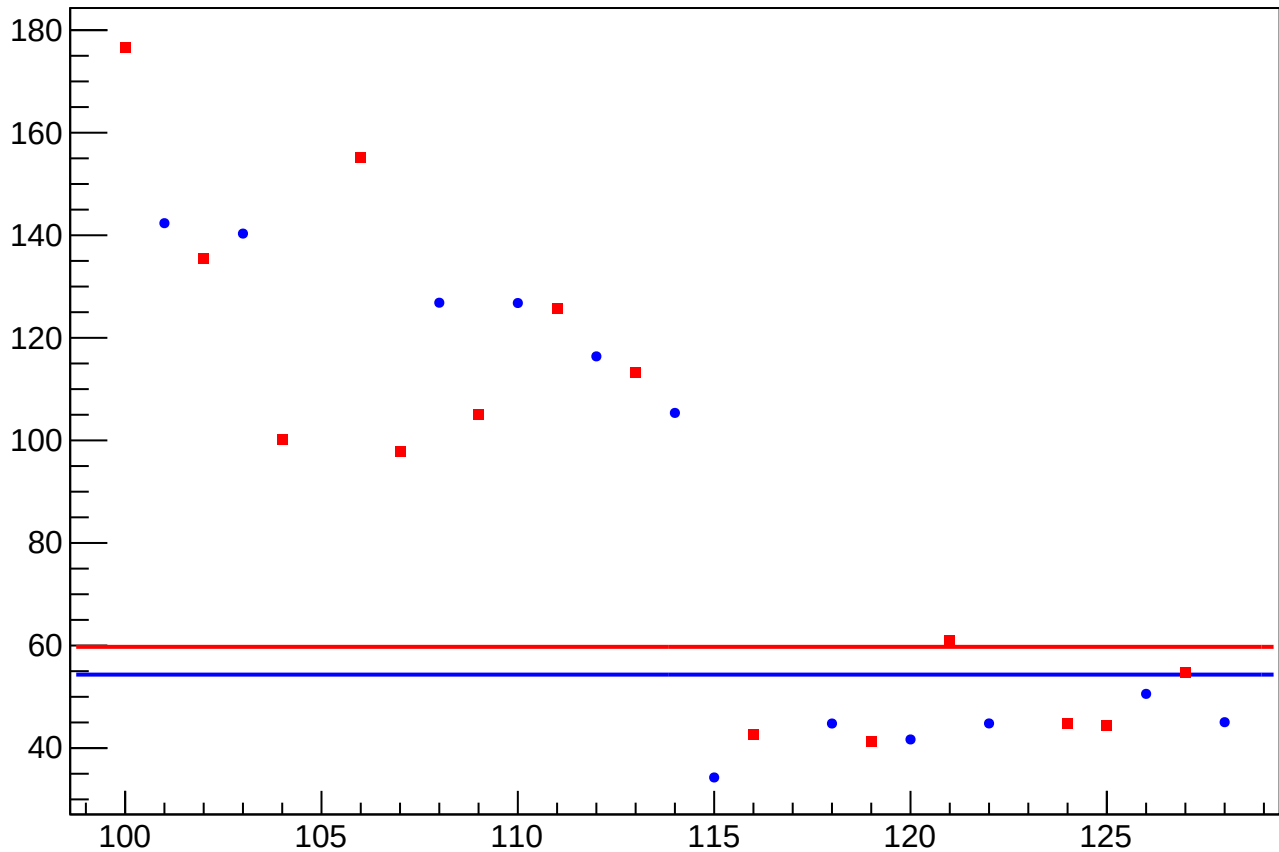
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.020 χ^2 /NDF: 21.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_dit_vs_cor_diff_rms vs Slug



Right In: 54.331+/-0.020 χ^2/NDF : 2035414.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.745+/-0.020 χ^2/NDF : 1938730.4/13

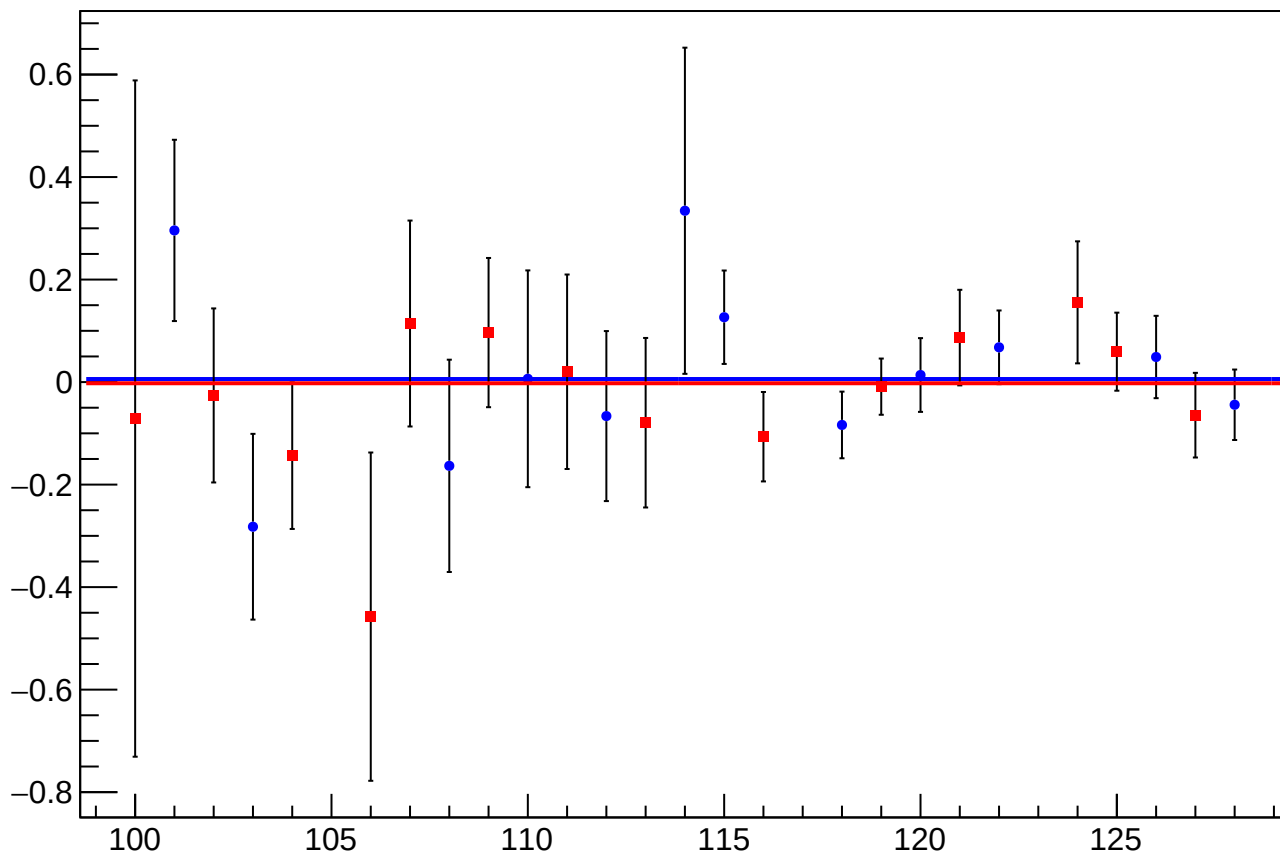
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.968+/-0.014 χ^2/NDF : 4010252.7/25

- 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: 0.006 $\pm$ 0.028 χ^2 /NDF: 12.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.029 χ^2 /NDF: 9.4/13

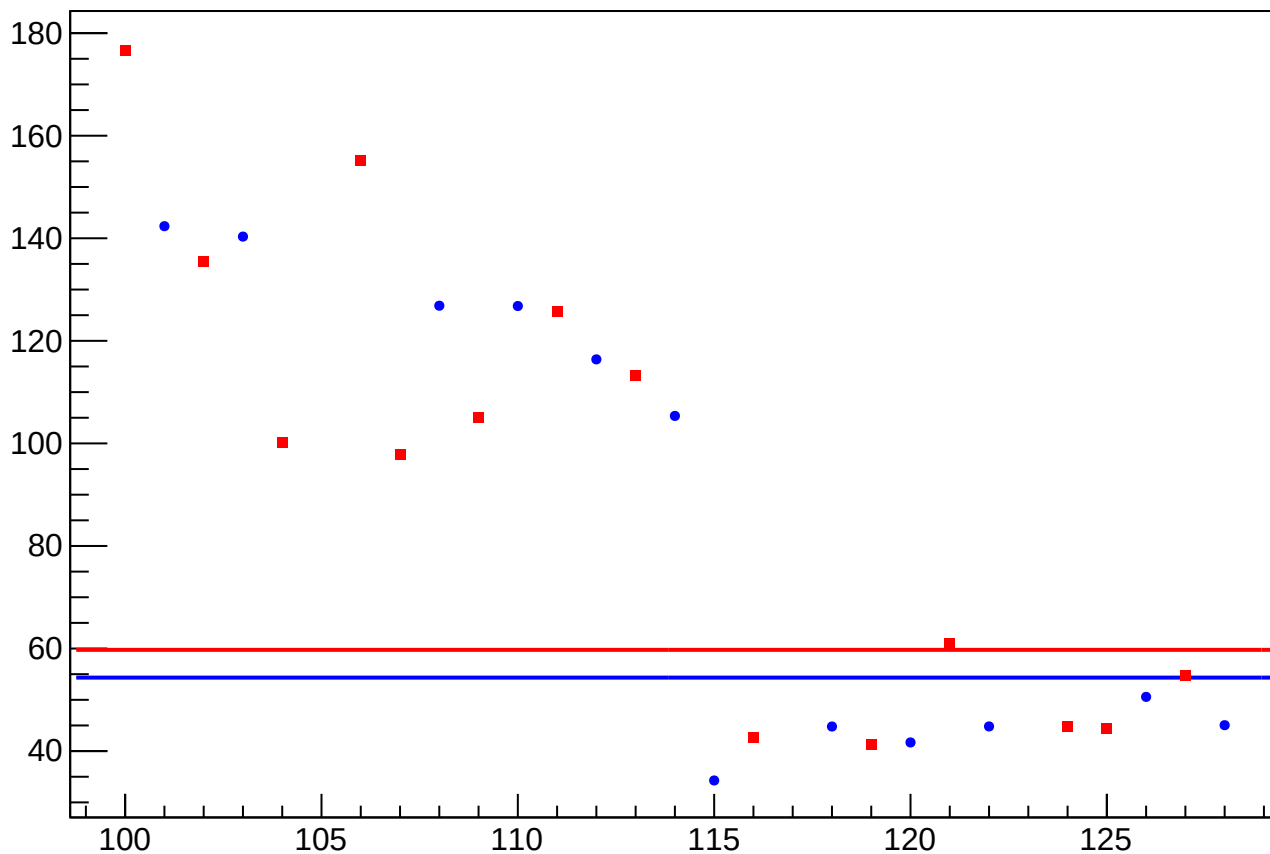
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.020 χ^2 /NDF: 21.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 54.331+/-0.020 χ^2/NDF : 2035414.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.745+/-0.020 χ^2/NDF : 1938730.4/13

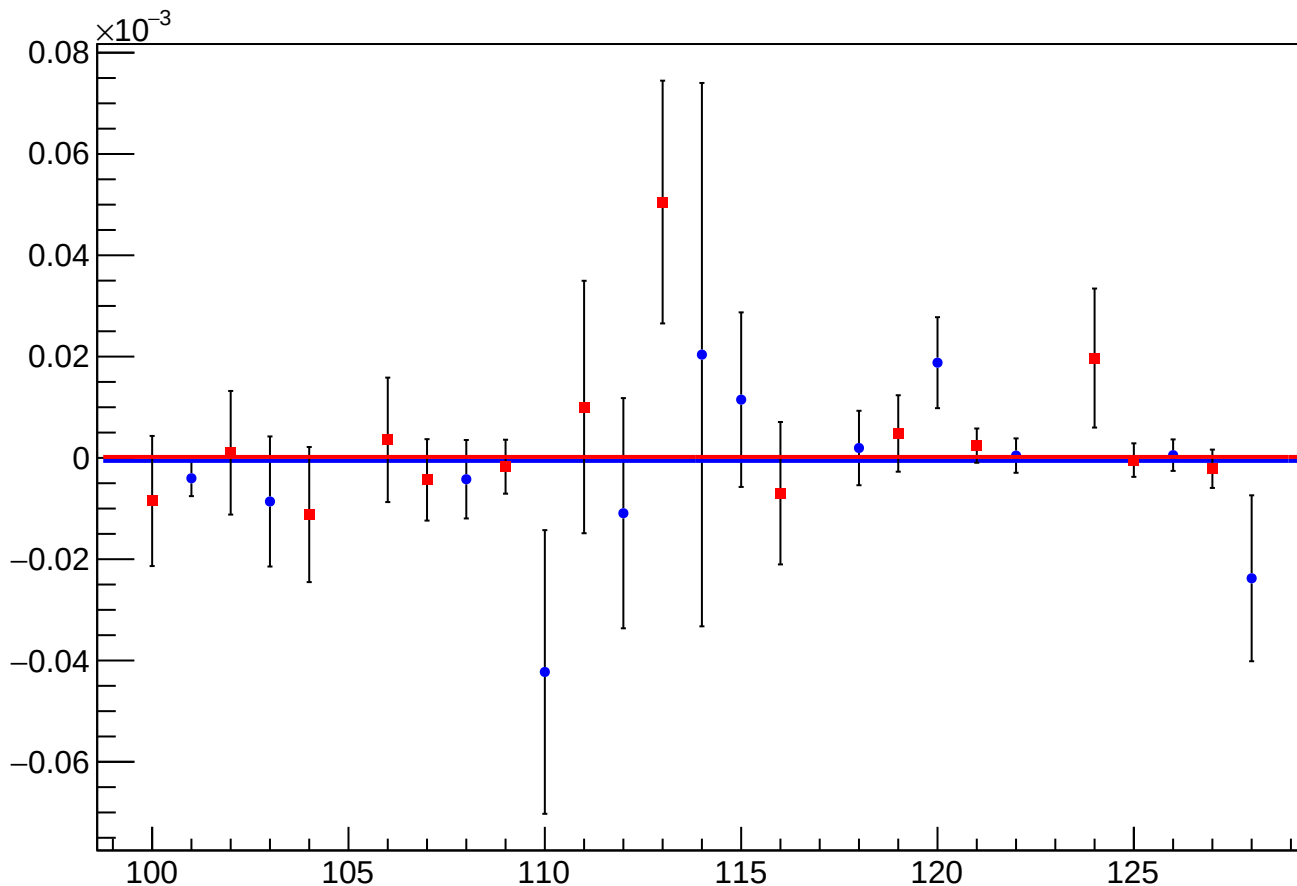
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.968+/-0.014 χ^2/NDF : 4010252.7/25

- 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+/-0.000 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.8/13

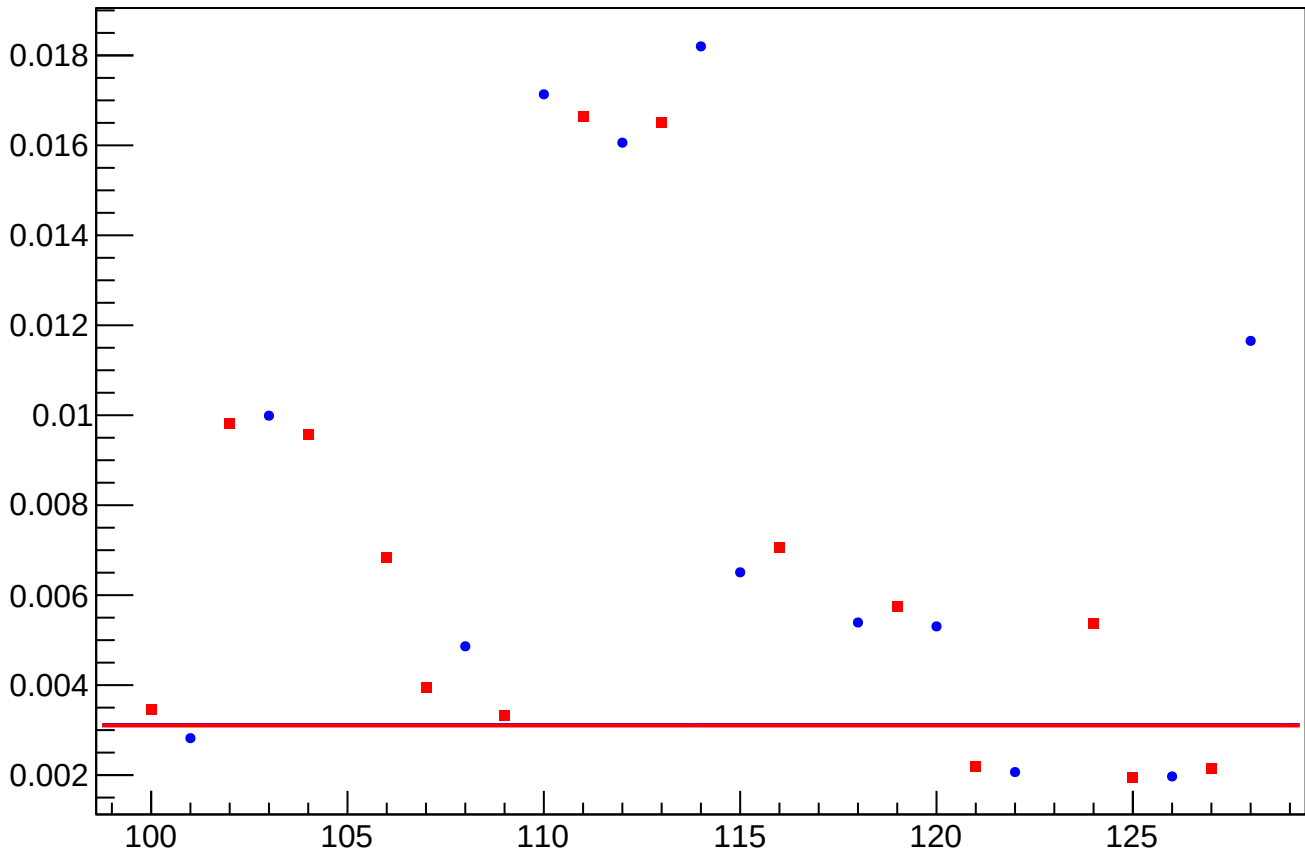
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.5/25

- sign 0.000+/-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 : 3391797.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3482013.1/13

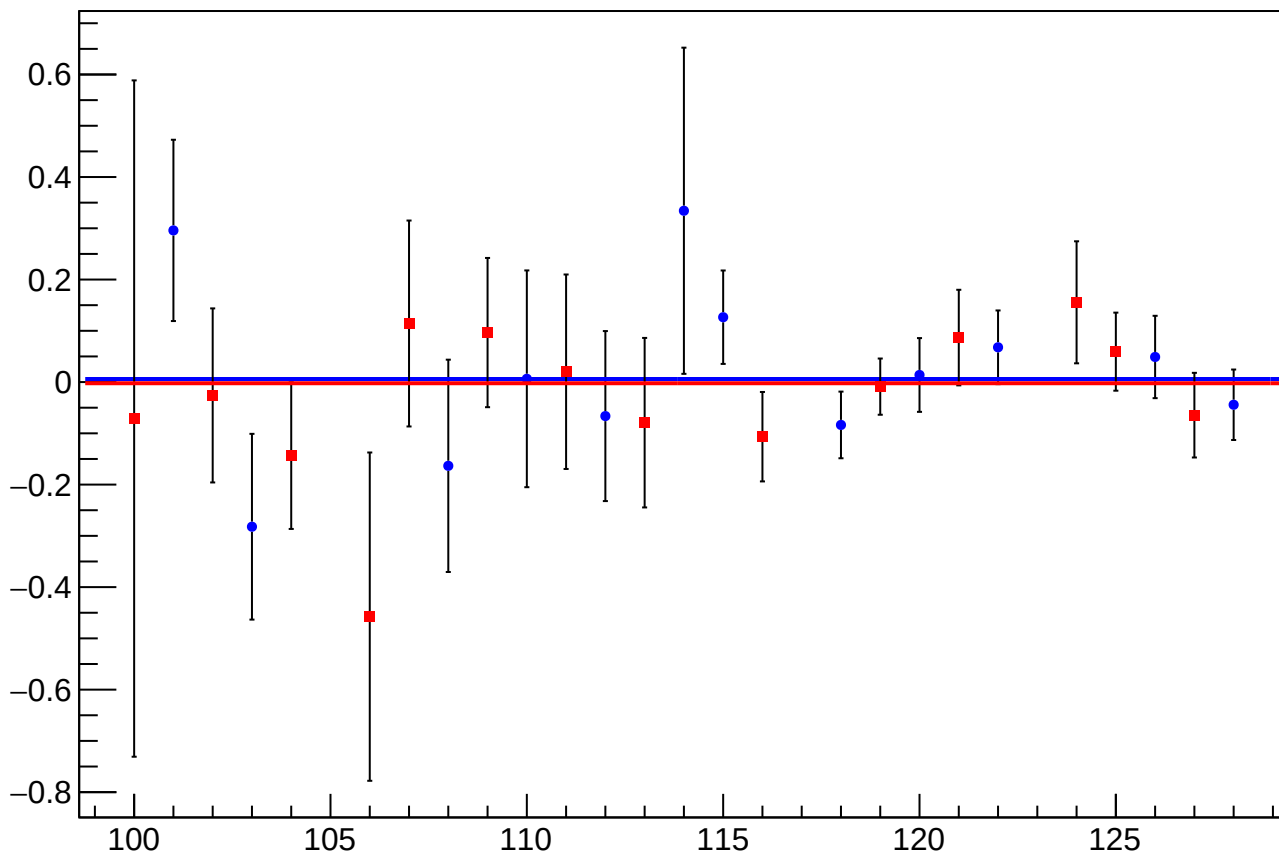
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 6873824.8/25

- 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: 0.006 $\pm$ 0.028 χ^2 /NDF: 12.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.029 χ^2 /NDF: 9.4/13

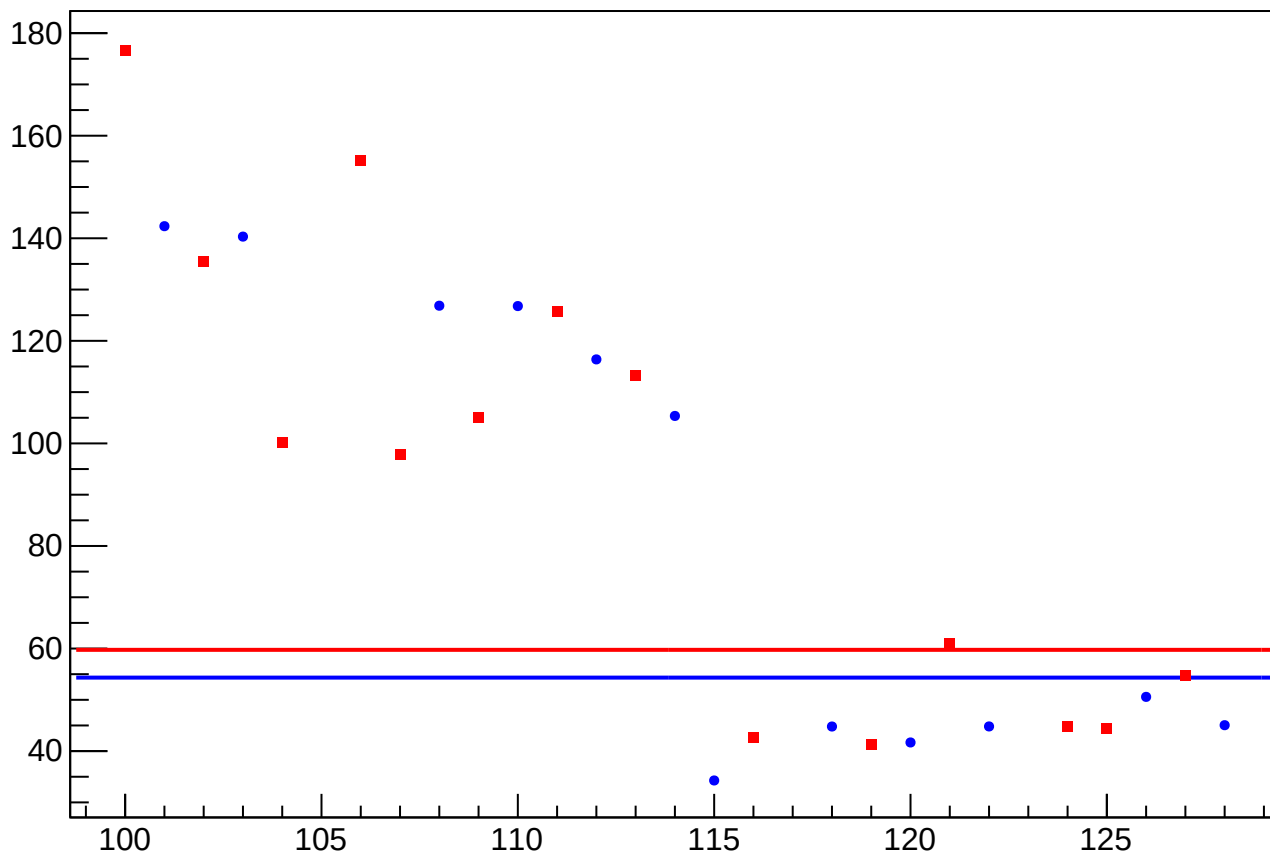
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.020 χ^2 /NDF: 21.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 54.332+/-0.020 χ^2/NDF : 2035302.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.745+/-0.020 χ^2/NDF : 1938631.7/13

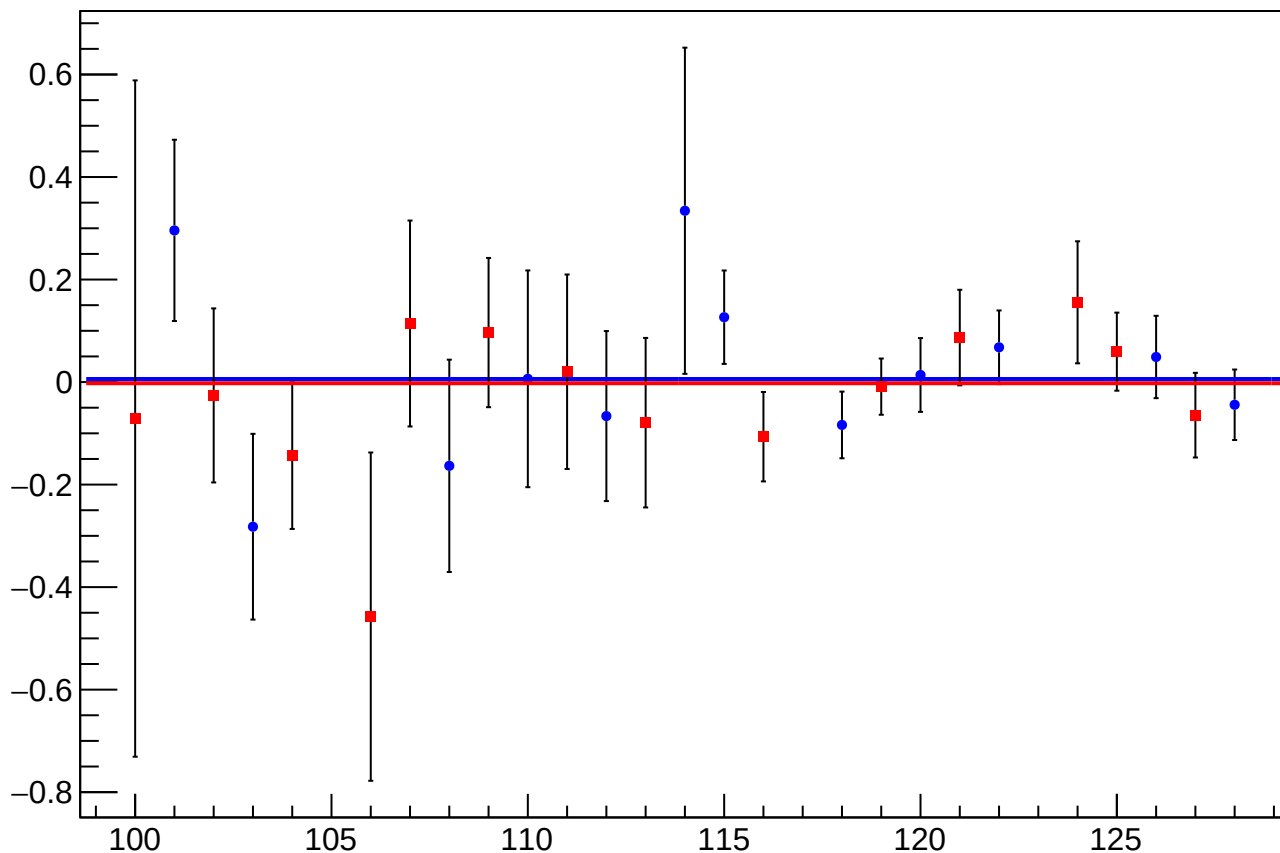
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.968+/-0.014 χ^2/NDF : 4010032.3/25

- 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: 0.006 $\pm$ 0.028 χ^2 /NDF: 12.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.029 χ^2 /NDF: 9.4/13

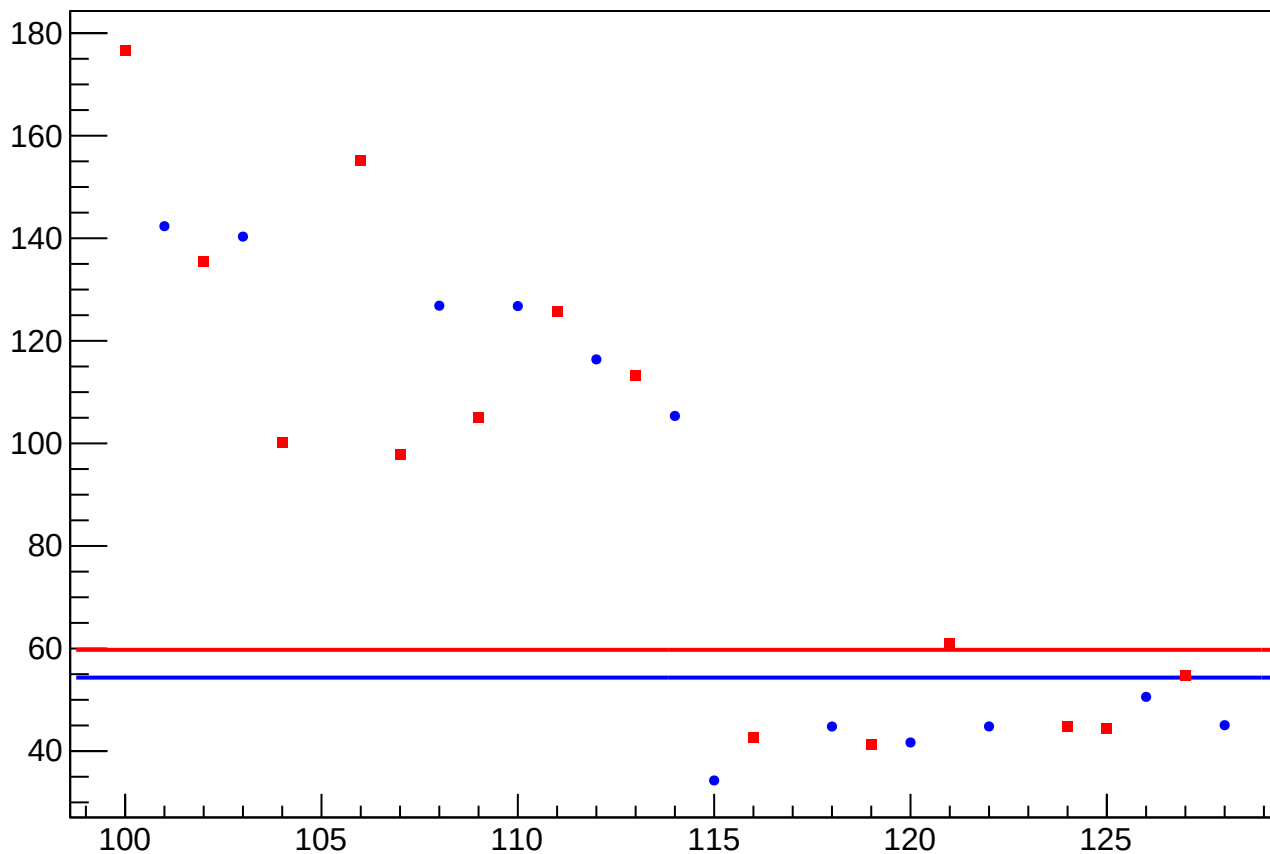
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.020 χ^2 /NDF: 21.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 54.332+/-0.020 χ^2/NDF : 2035302.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.745+/-0.020 χ^2/NDF : 1938631.7/13

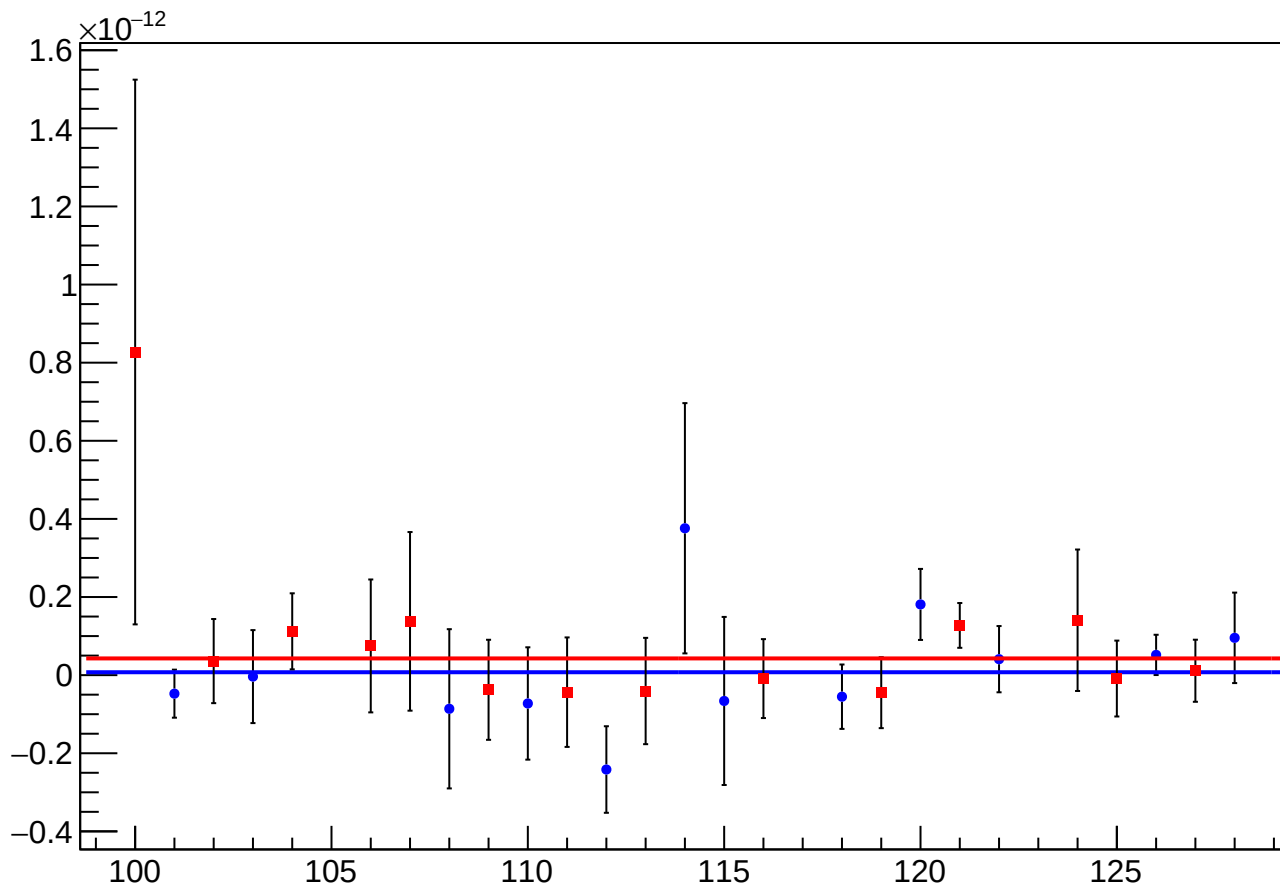
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.968+/-0.014 χ^2/NDF : 4010032.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 13.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.2/13

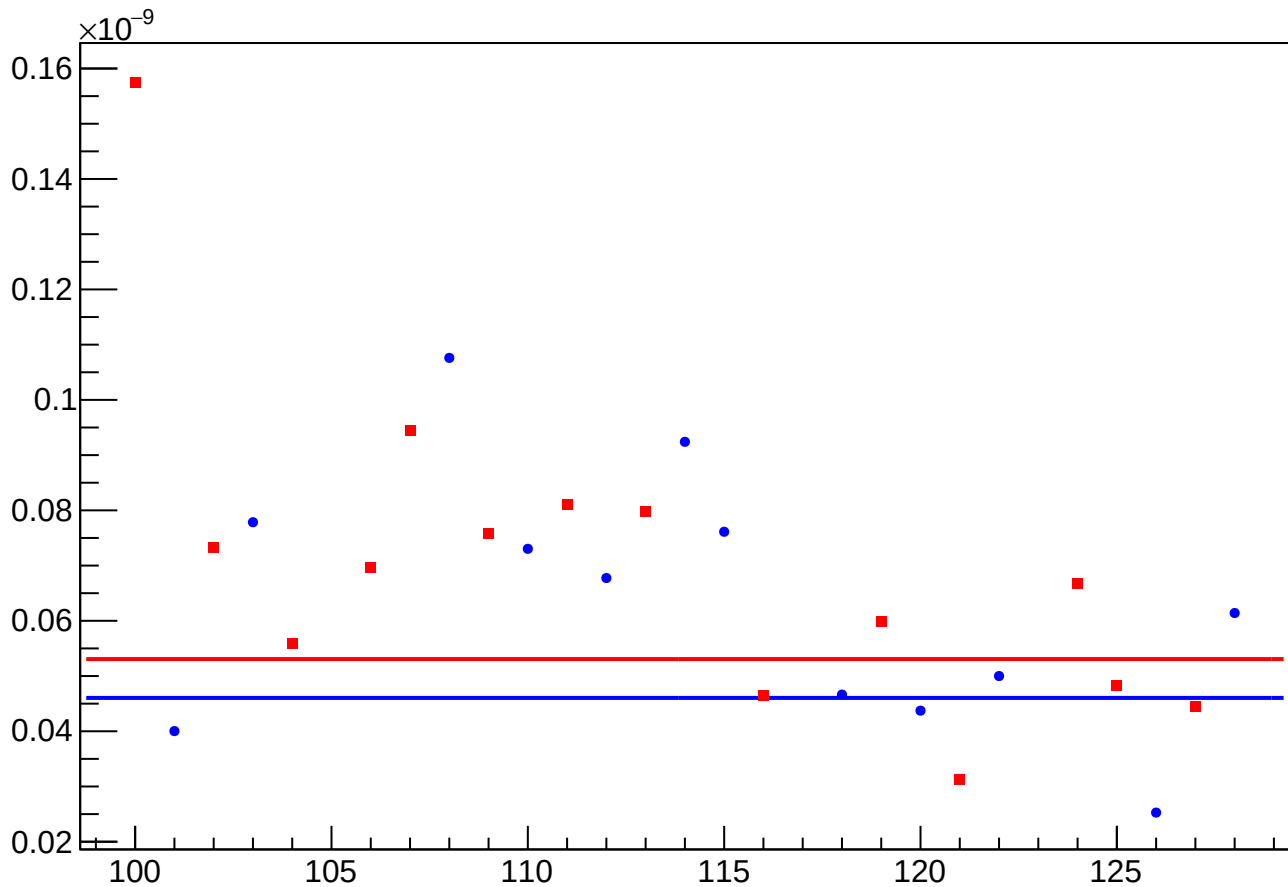
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 938052.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 768917.4/13

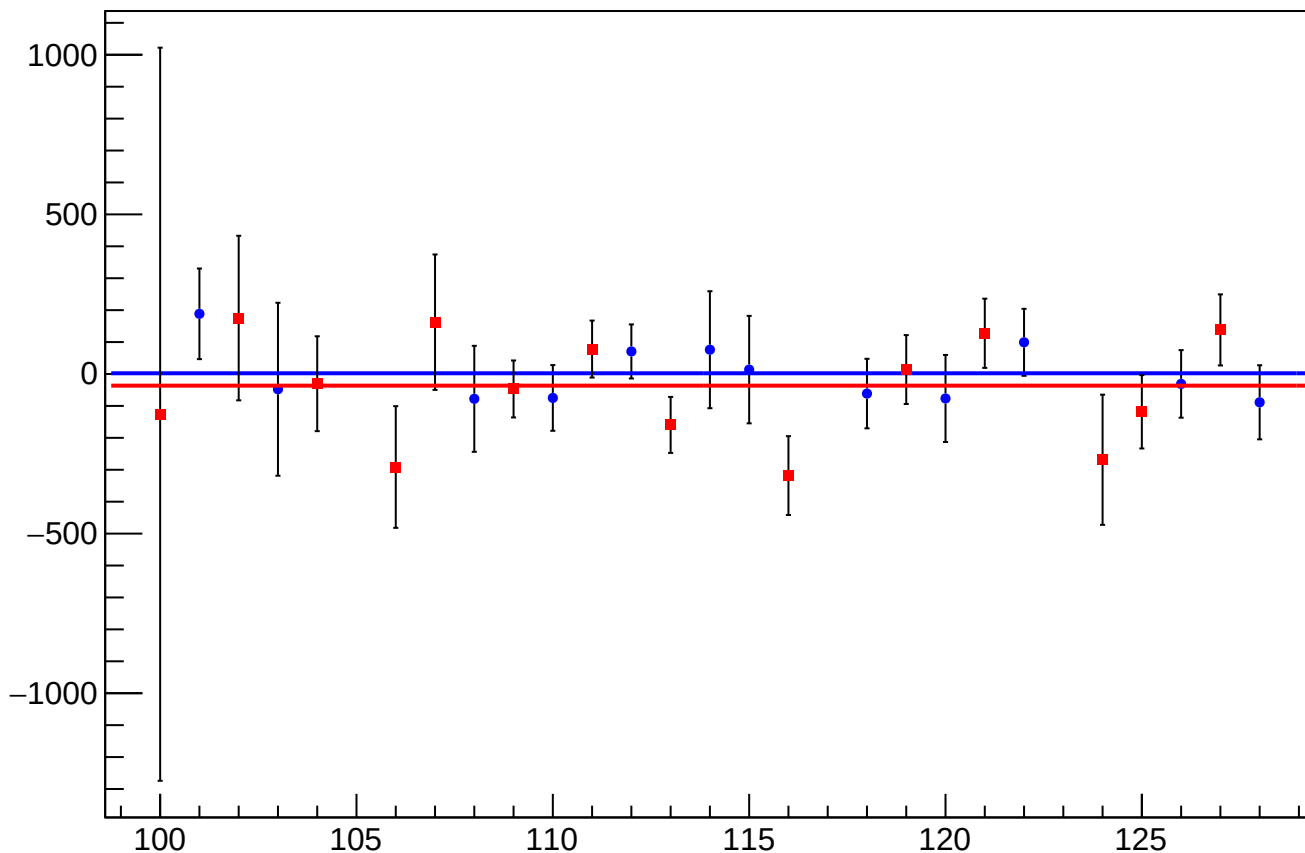
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1771250.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_mean vs Slug



Right In: 2.250+/-35.554 χ^2/NDF : 5.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.474+/-33.168 χ^2/NDF : 19.0/13

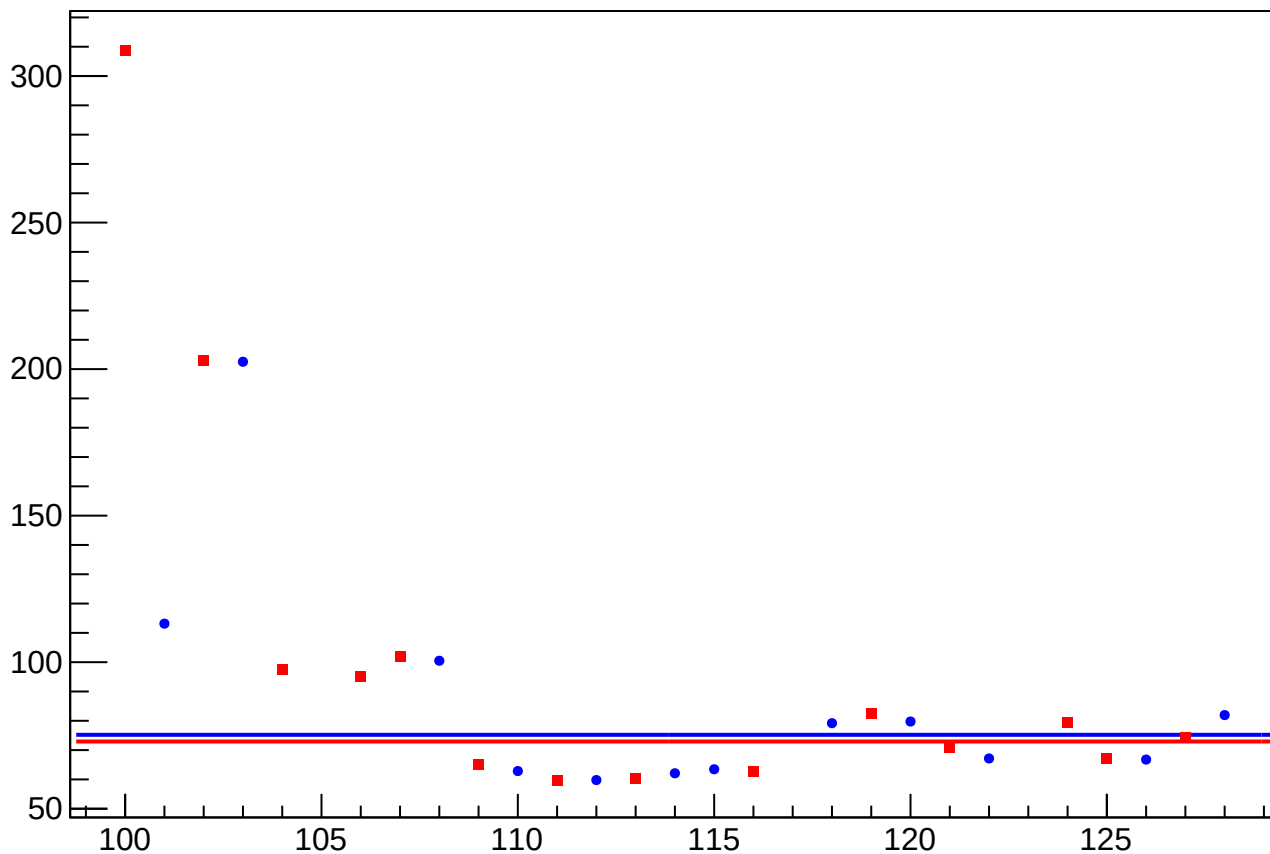
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.455+/-24.253 χ^2/NDF : 25.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_rms vs Slug



Right In: 75.217+/-0.025 χ^2/NDF : 782162.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.936+/-0.023 χ^2/NDF : 849131.8/13

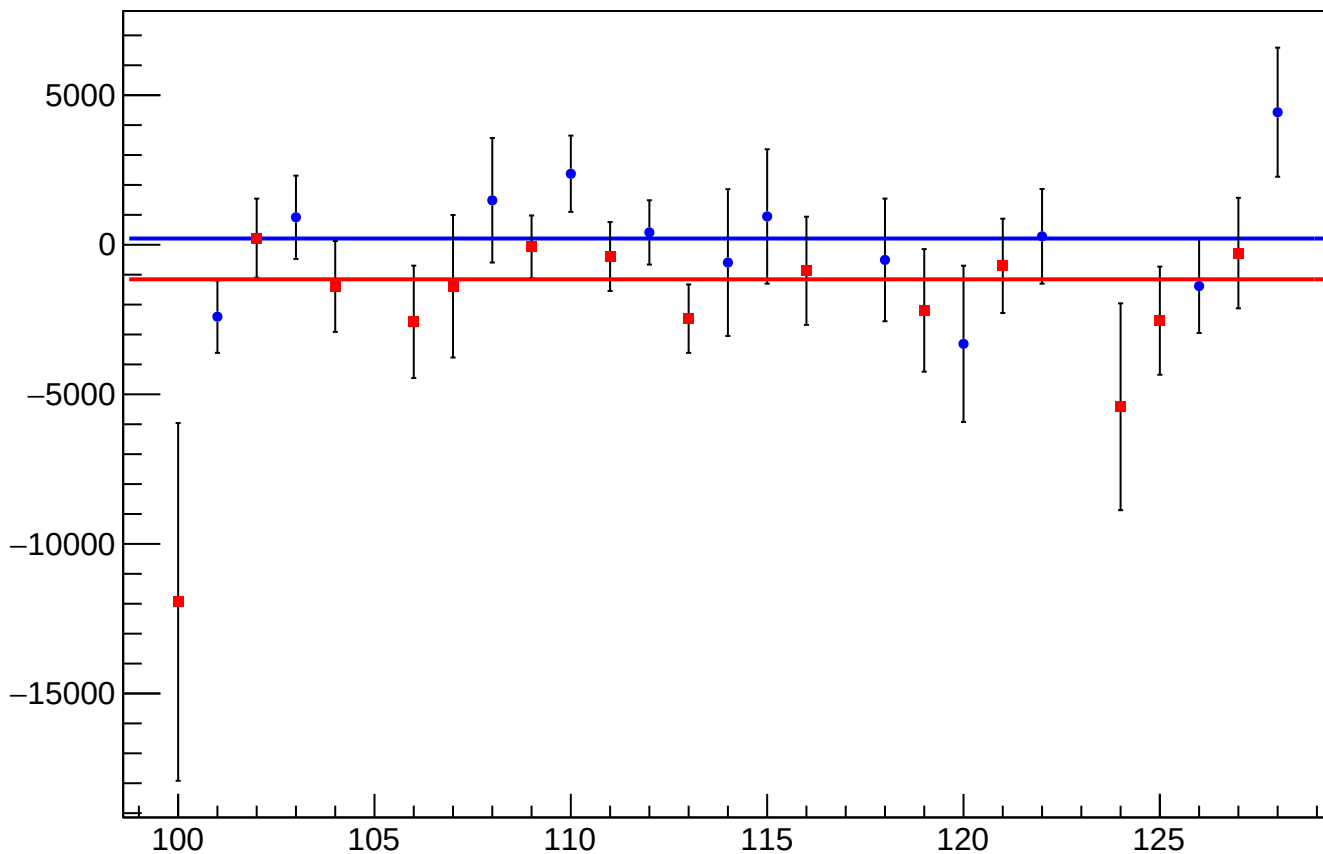
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.997+/-0.017 χ^2/NDF : 1635698.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_reg_correction_mean vs Slug



Right In: 209.181+/-462.276 χ^2/NDF : 15.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1154.721+/-424.212 χ^2/NDF : 10.5/13

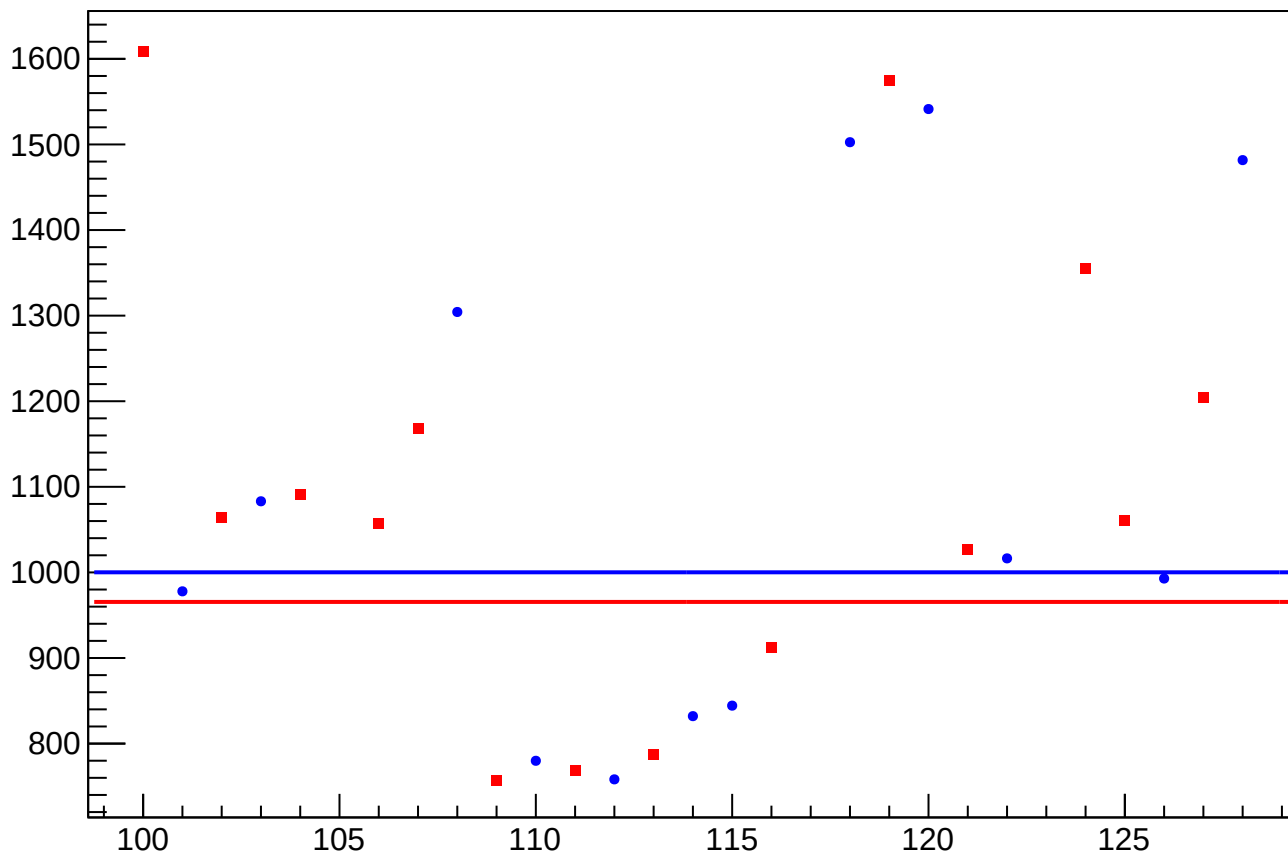
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -531.226+/-312.555 χ^2/NDF : 30.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_reg_correction_rms vs Slug



Right In: 1000.116+/-0.327 χ^2/NDF : 536429.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 965.518+/-0.300 χ^2/NDF : 499715.5/13

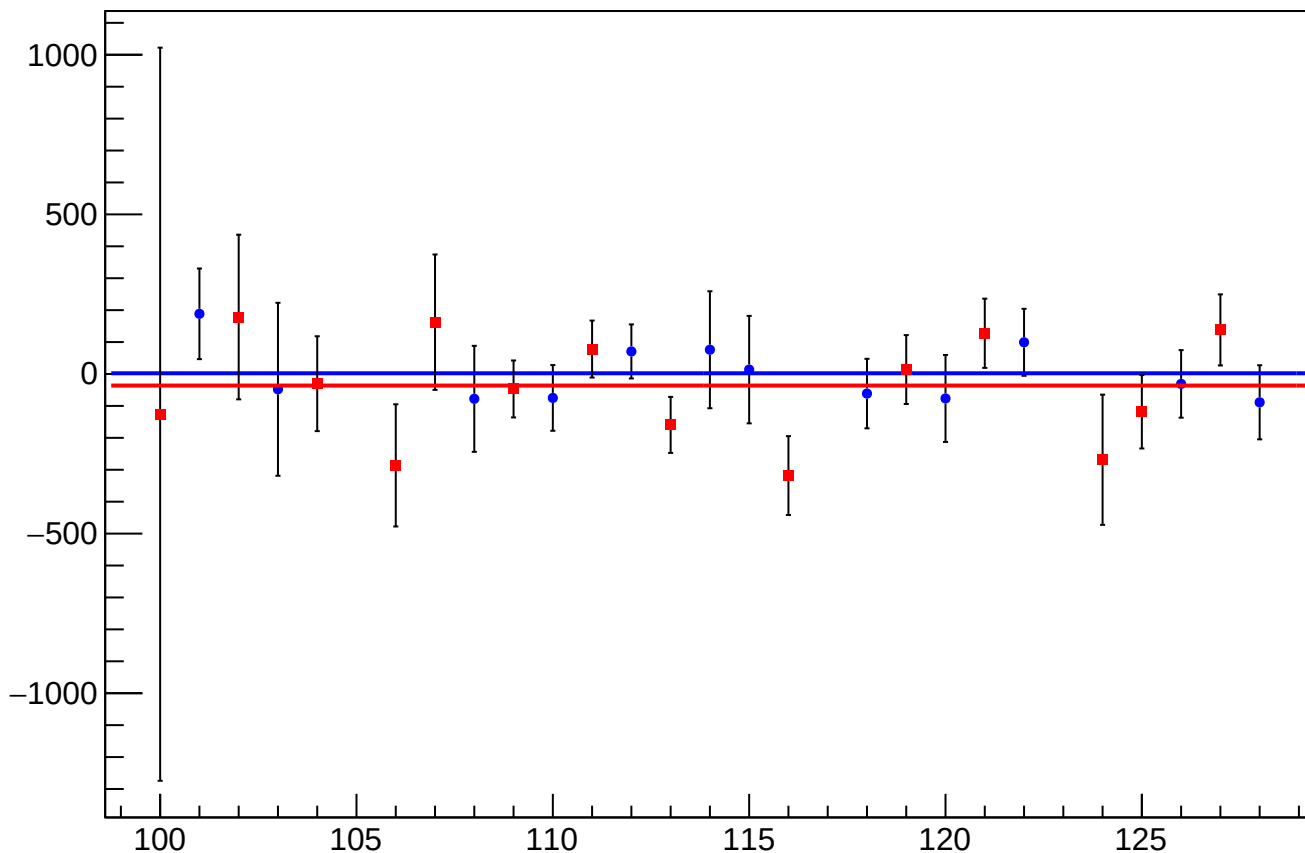
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 981.334+/-0.221 χ^2/NDF : 1042226.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_37_avg_mean vs Slug



Right In: 2.241 ± 35.554 χ^2/NDF : 5.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -36.199 ± 33.173 χ^2/NDF : 18.9/13

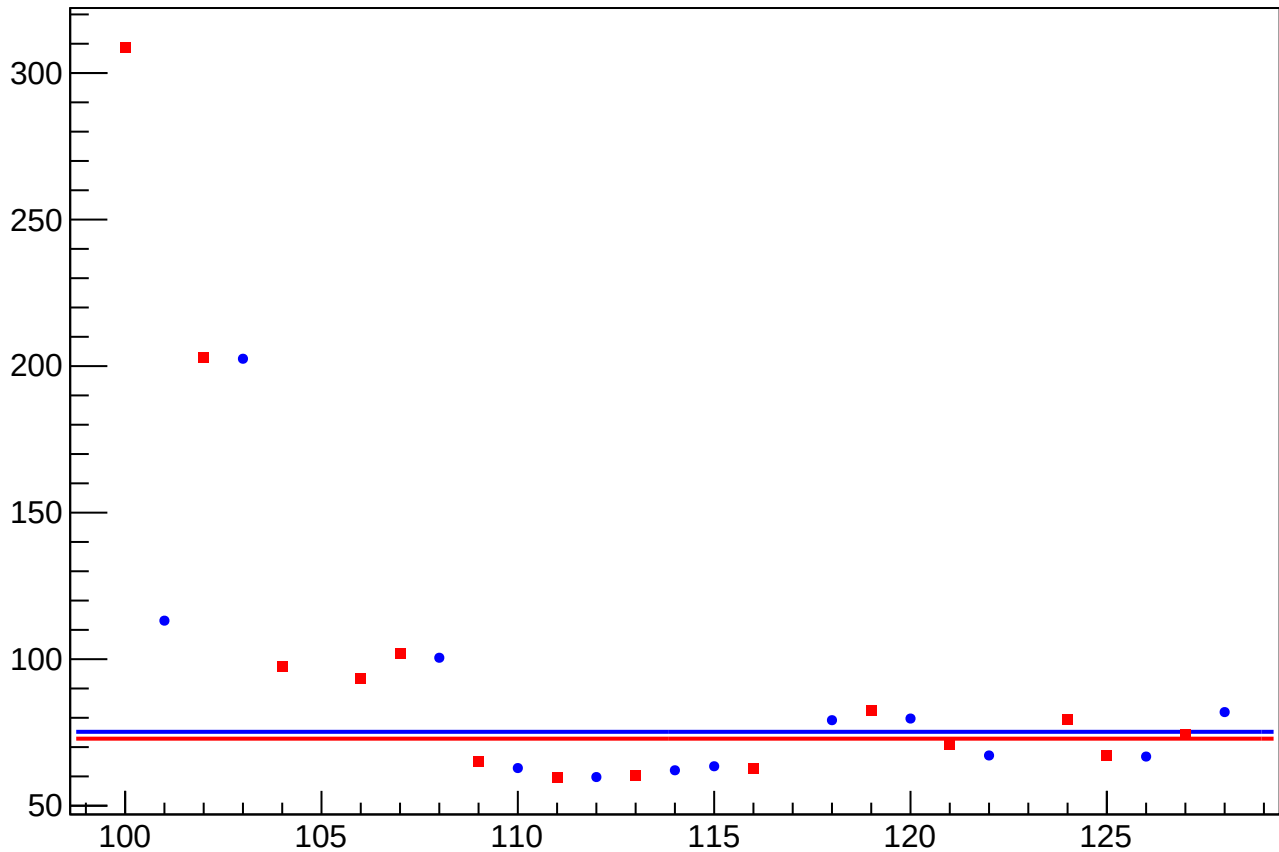
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -18.309 ± 24.255 χ^2/NDF : 25.1/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam_37_avg_rms vs Slug



Right In: 75.217+/-0.025 χ^2/NDF : 782164.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.878+/-0.023 χ^2/NDF : 845162.8/13

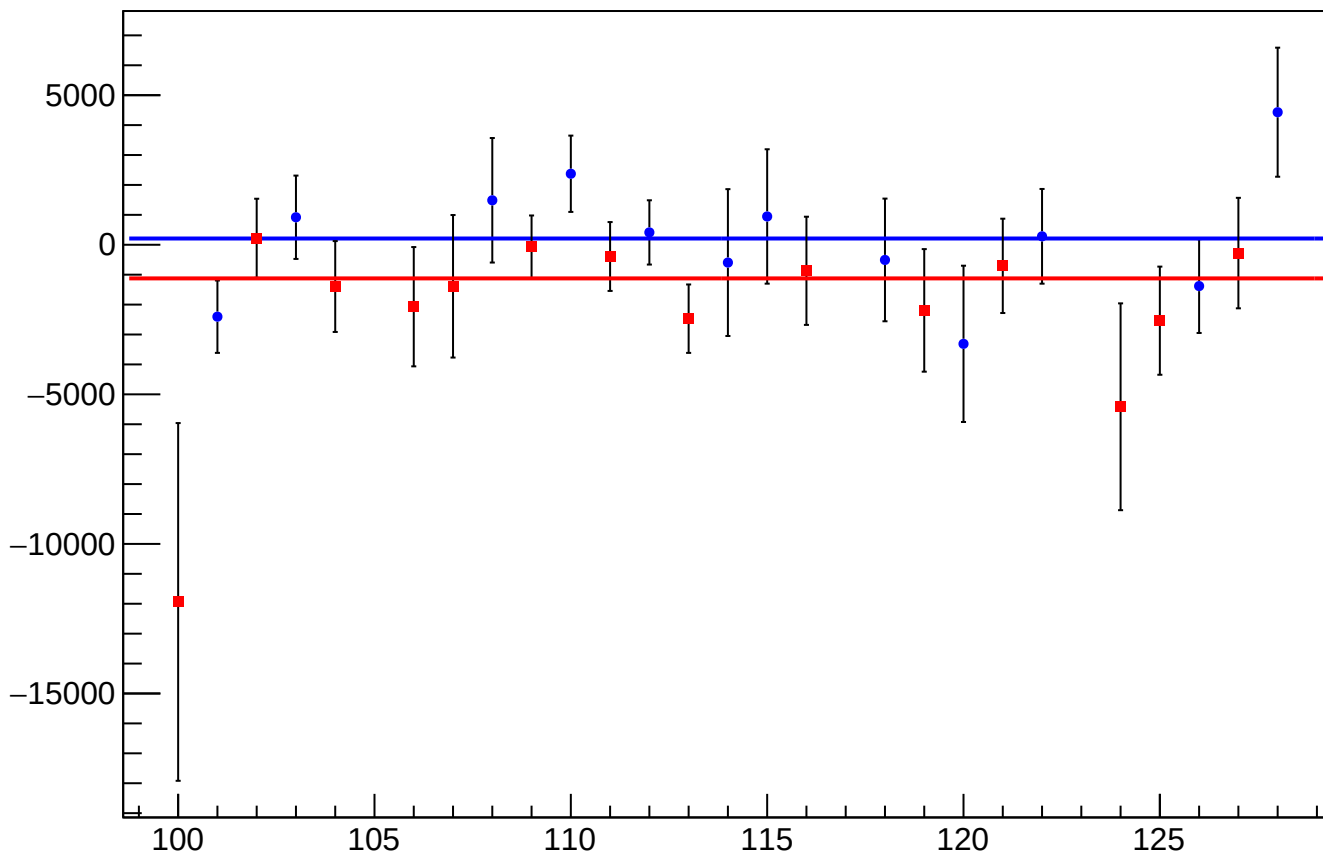
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.967+/-0.017 χ^2/NDF : 1631954.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_cor_correction_mean vs Slug



Right In: 209.211+/-462.281 χ^2/NDF : 15.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1124.404+/-425.476 χ^2/NDF : 10.1/13

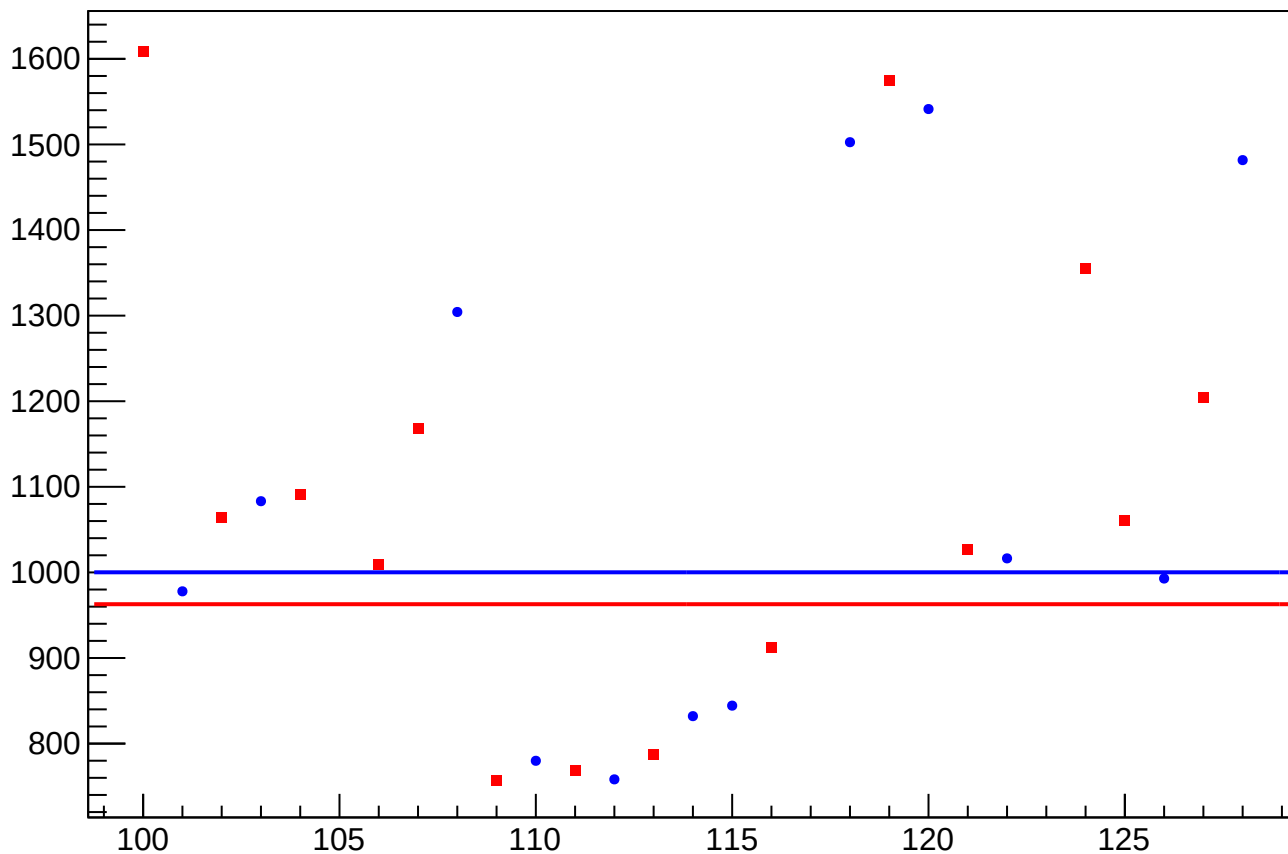
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -512.792+/-313.061 χ^2/NDF : 29.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_cor_correction_rms vs Slug



Right In: 1000.126+/-0.327 χ^2/NDF : 536448.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 962.857+/-0.301 χ^2/NDF : 495972.4/13

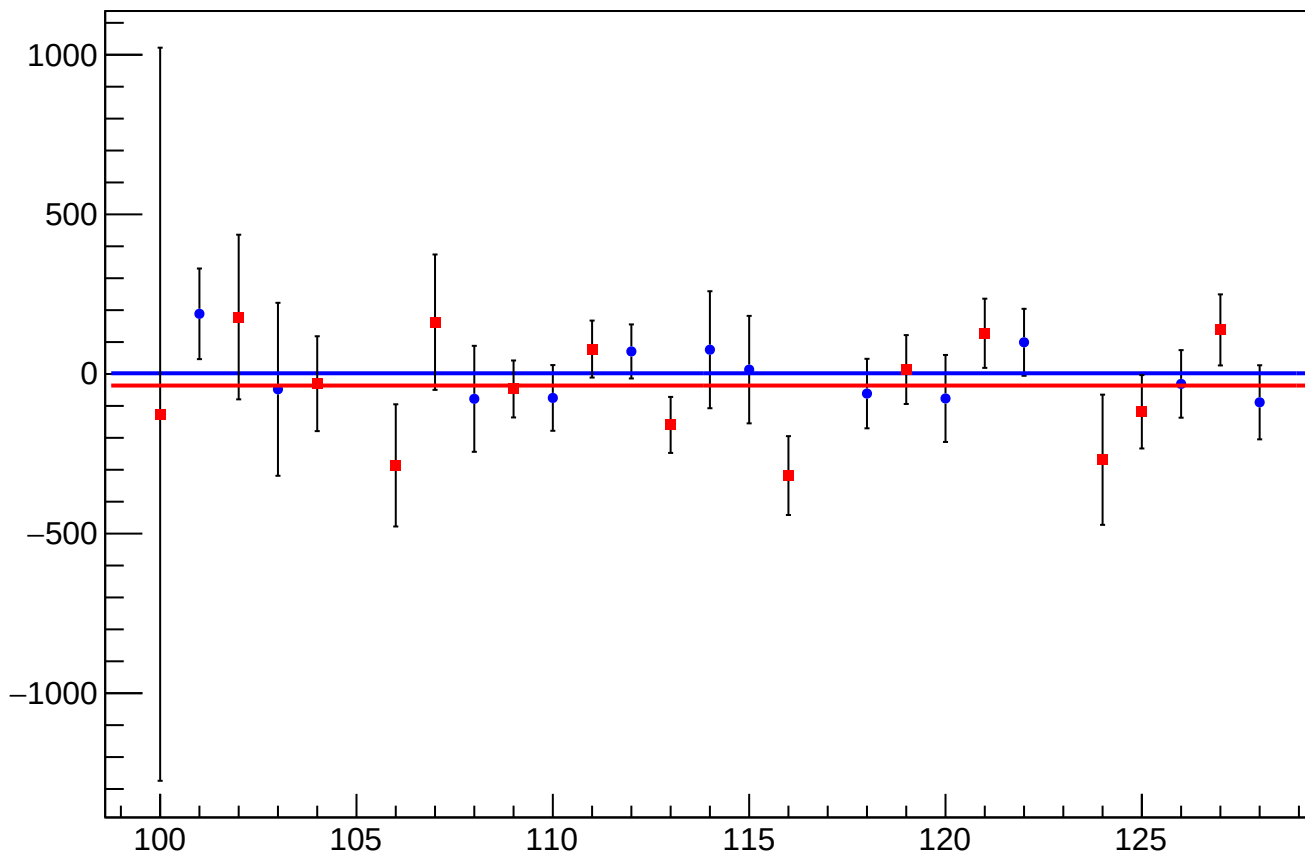
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 979.949+/-0.221 χ^2/NDF : 1039458.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_37_avg_mean vs Slug



Right In: 2.241 $\pm$ 35.554 χ^2 /NDF: 5.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -36.199 $\pm$ 33.173 χ^2 /NDF: 18.9/13

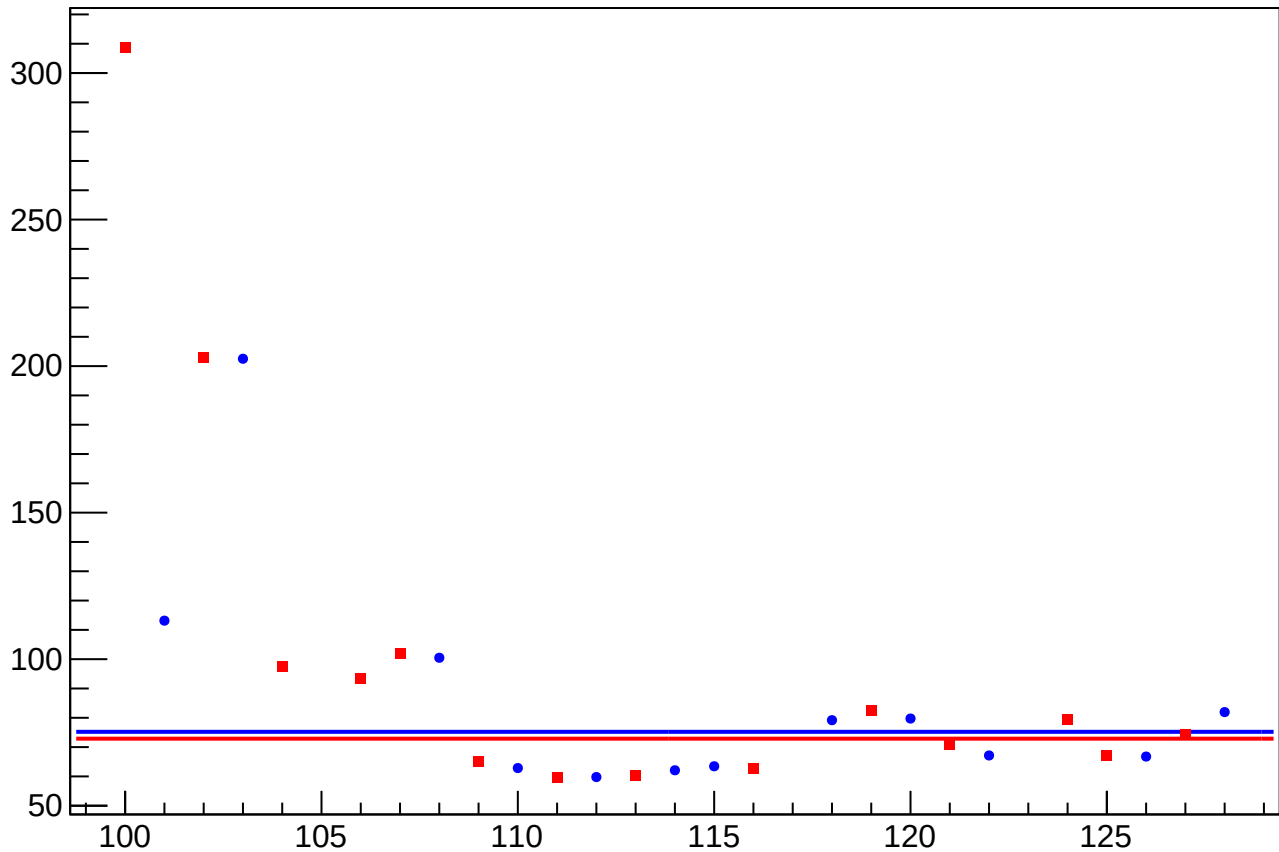
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -18.309 $\pm$ 24.255 χ^2 /NDF: 25.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_37_avg_rms vs Slug



Right In: 75.217+/-0.025 χ^2/NDF : 782164.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.878+/-0.023 χ^2/NDF : 845162.8/13

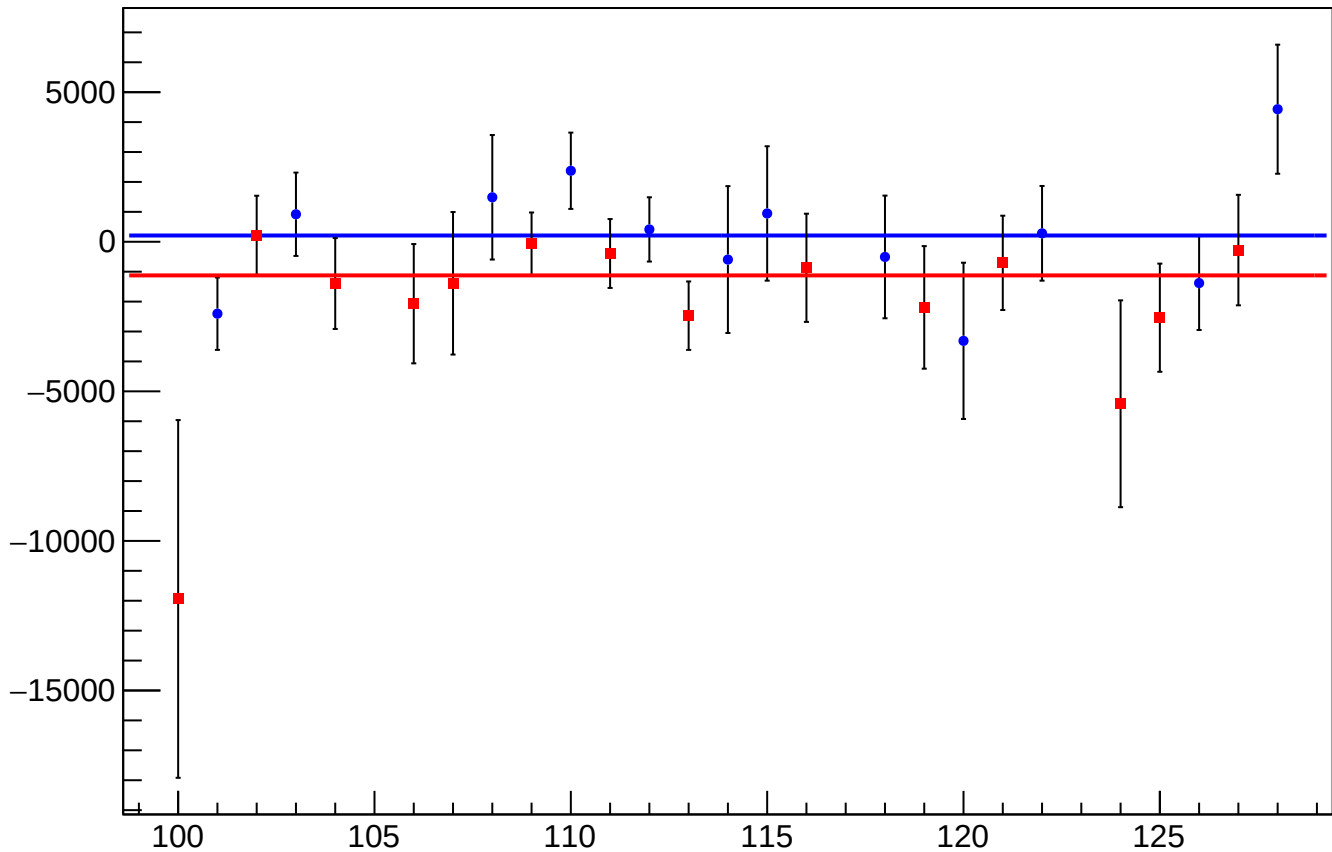
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.967+/-0.017 χ^2/NDF : 1631954.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_cor_correction_mean vs Slug



Right In: 209.211+/-462.281 χ^2/NDF : 15.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1124.404+/-425.476 χ^2/NDF : 10.1/13

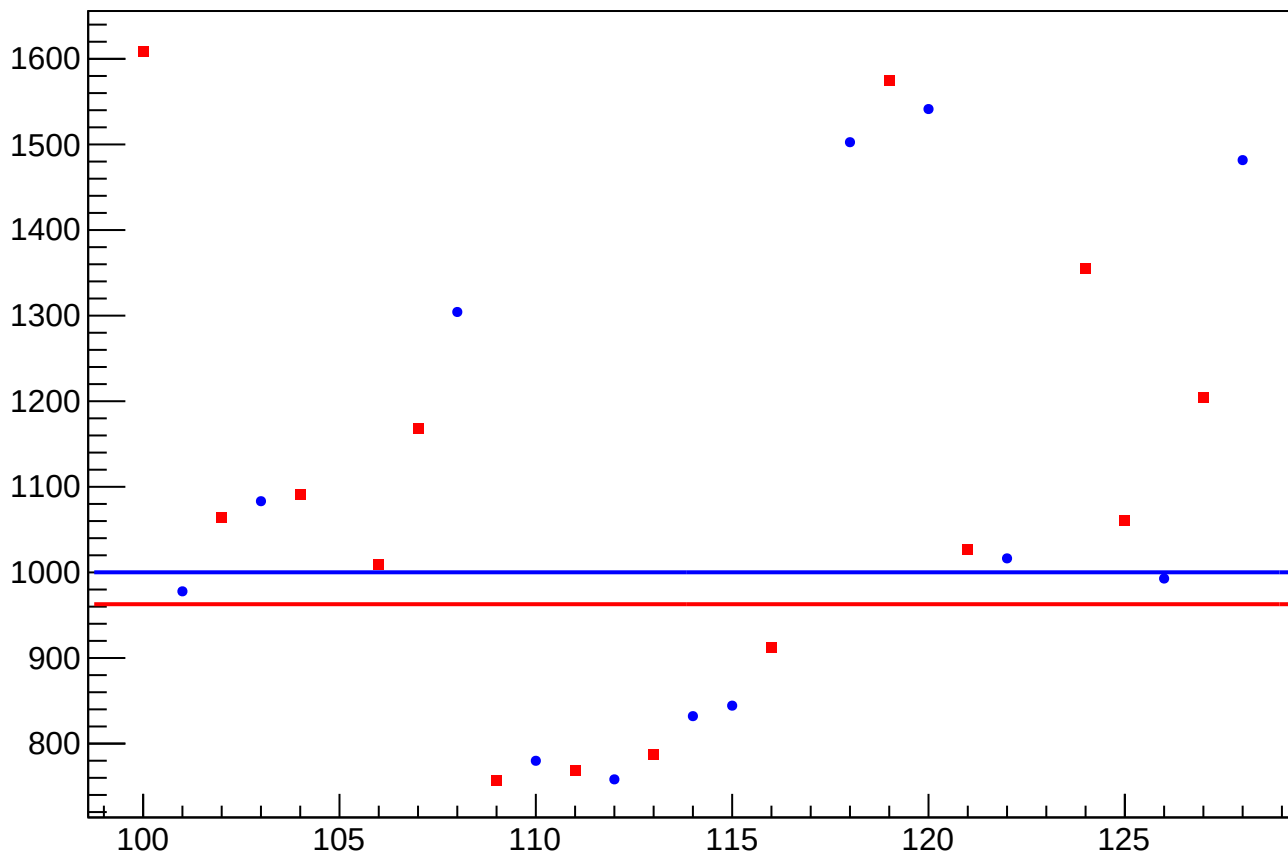
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -512.792+/-313.061 χ^2/NDF : 29.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_cor_correction_rms vs Slug



Right In: 1000.126+/-0.327 χ^2/NDF : 536448.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 962.857+/-0.301 χ^2/NDF : 495972.4/13

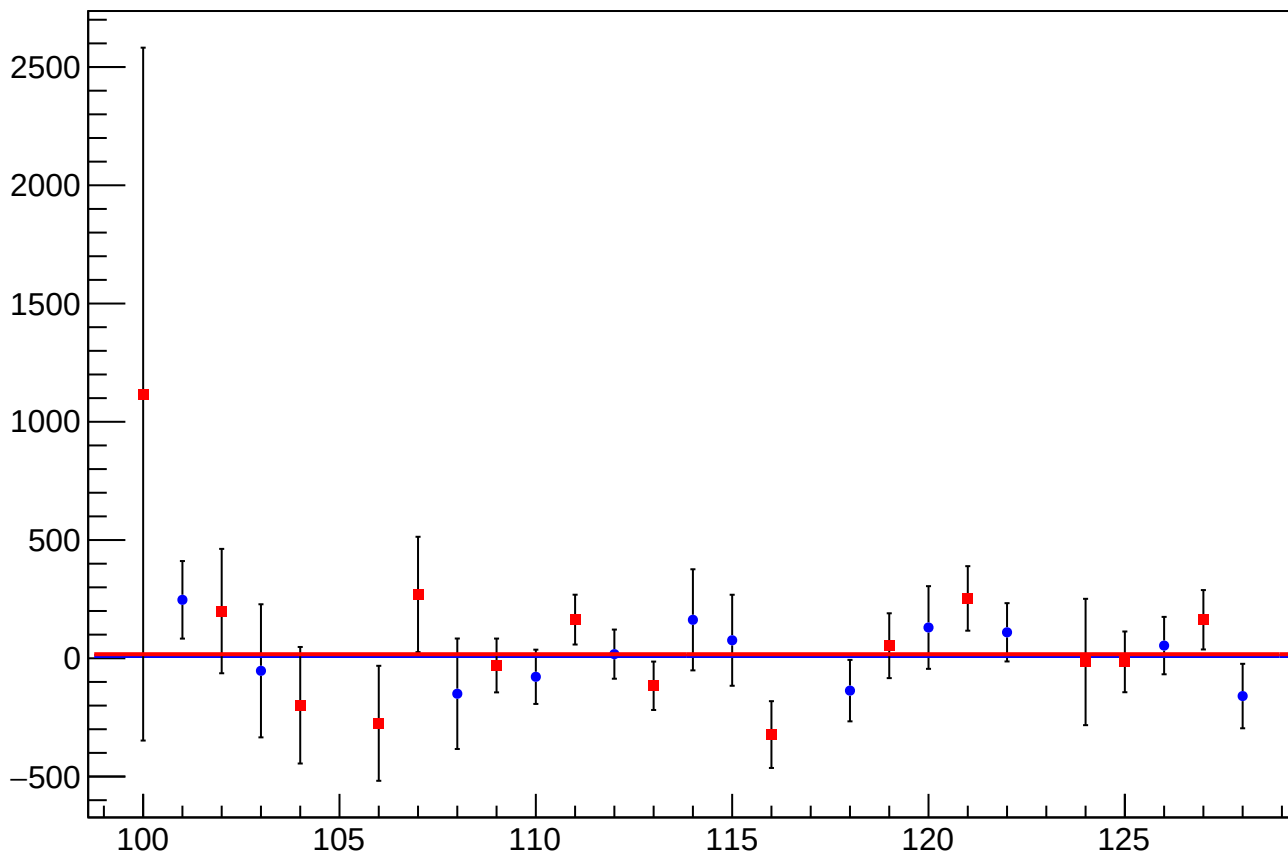
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 979.949+/-0.221 χ^2/NDF : 1039458.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_avg_mean vs Slug



Right In: 9.750 $\pm$ 42.065 χ^2 /NDF: 7.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.262 $\pm$ 40.057 χ^2 /NDF: 18.4/13

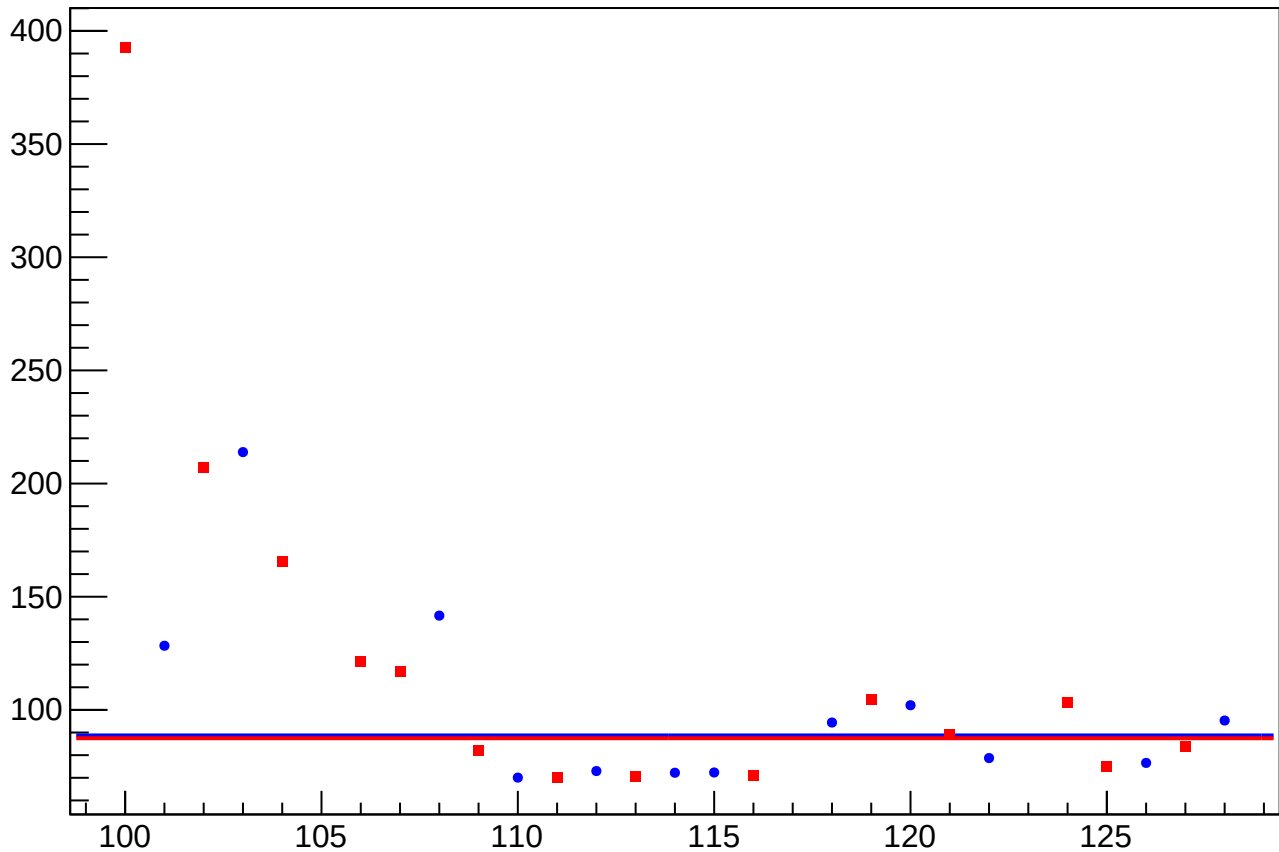
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.689 $\pm$ 29.009 χ^2 /NDF: 26.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_37_avg_rms vs Slug



Right In: 88.710 $\pm$ 0.030 χ^2 /NDF: 793663.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 87.479 $\pm$ 0.028 χ^2 /NDF: 971296.8/13

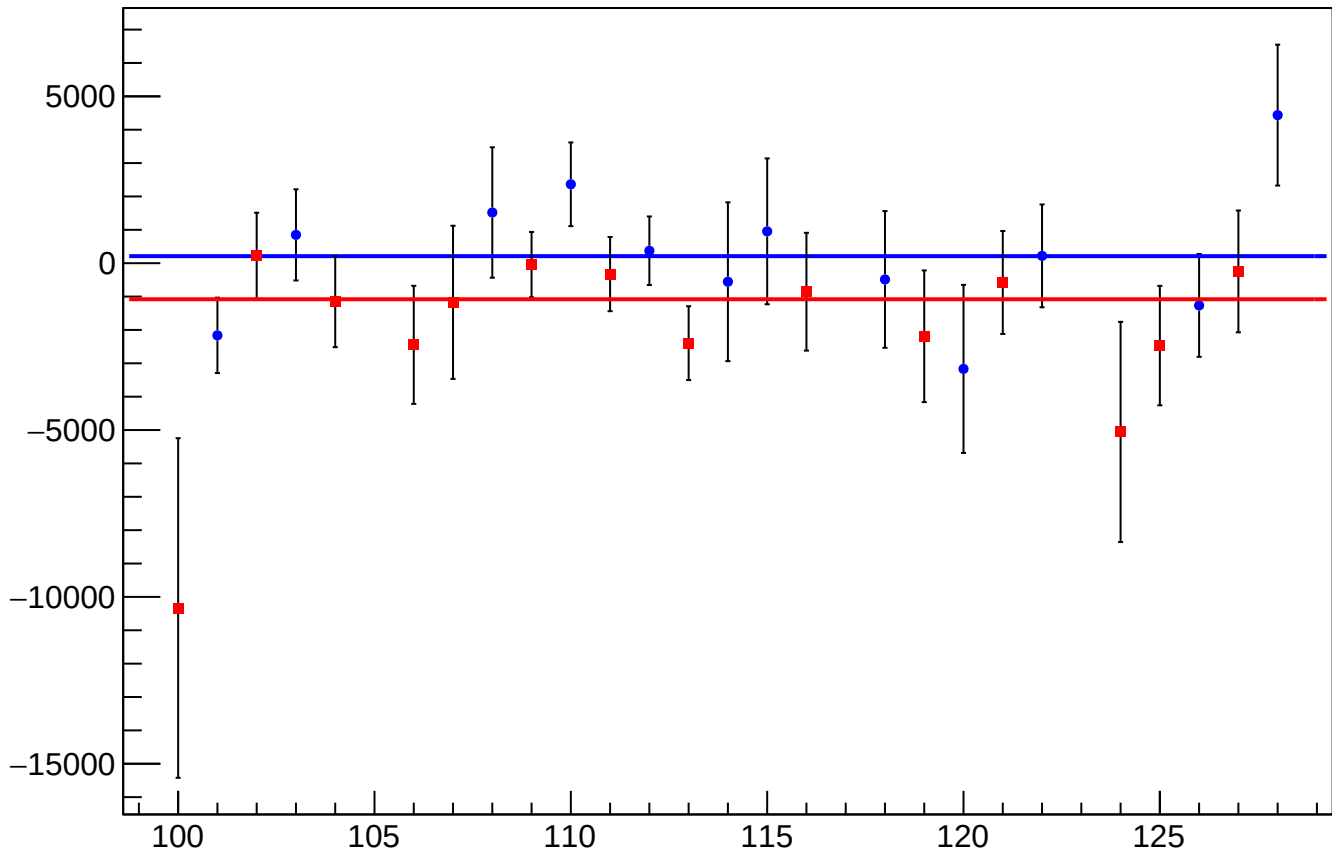
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 88.065 $\pm$ 0.021 χ^2 /NDF: 1765858.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_dit_correction_mean vs Slug



Right In: 211.182 $\pm$ 446.642 χ^2 /NDF: 15.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1079.914 $\pm$ 406.250 χ^2 /NDF: 10.6/13

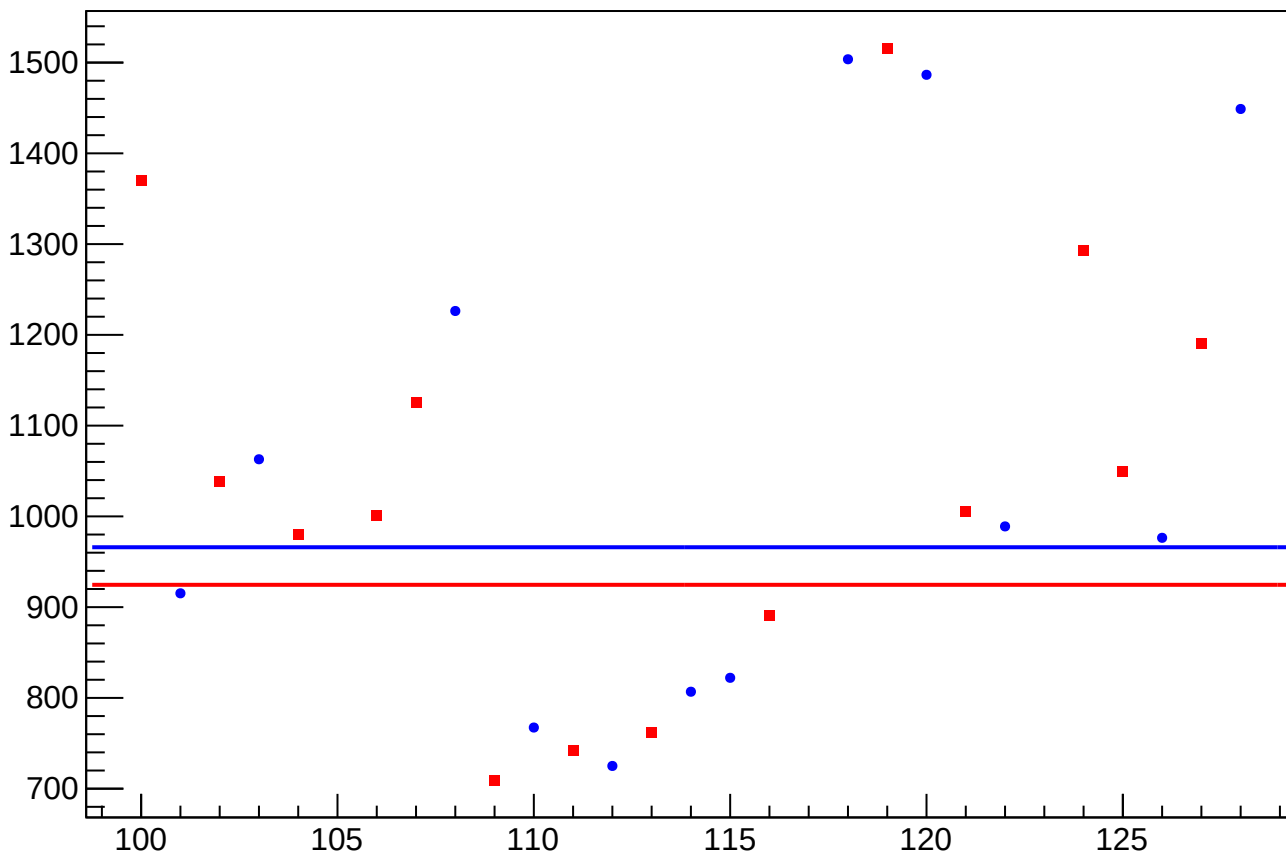
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -495.375 $\pm$ 300.530 χ^2 /NDF: 30.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_dit_correction_rms vs Slug



Right In: 966.003 $\pm$ 0.316 χ^2 /NDF: 555857.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 924.604 $\pm$ 0.287 χ^2 /NDF: 510113.4/13

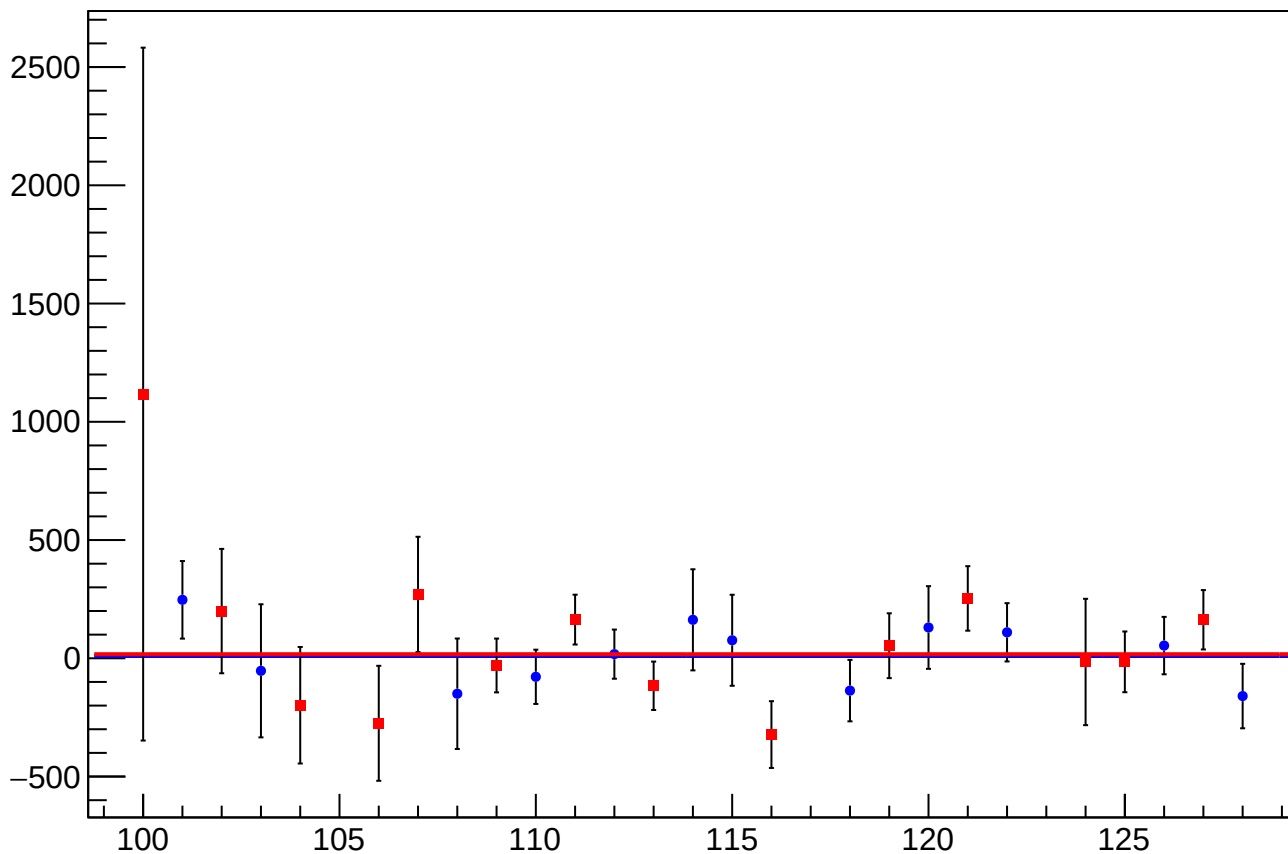
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 943.347 $\pm$ 0.213 χ^2 /NDF: 1075374.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_37_avg_mean vs Slug



Right In: 9.748 $\pm$ 42.066 χ^2 /NDF: 7.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.266 $\pm$ 40.058 χ^2 /NDF: 18.4/13

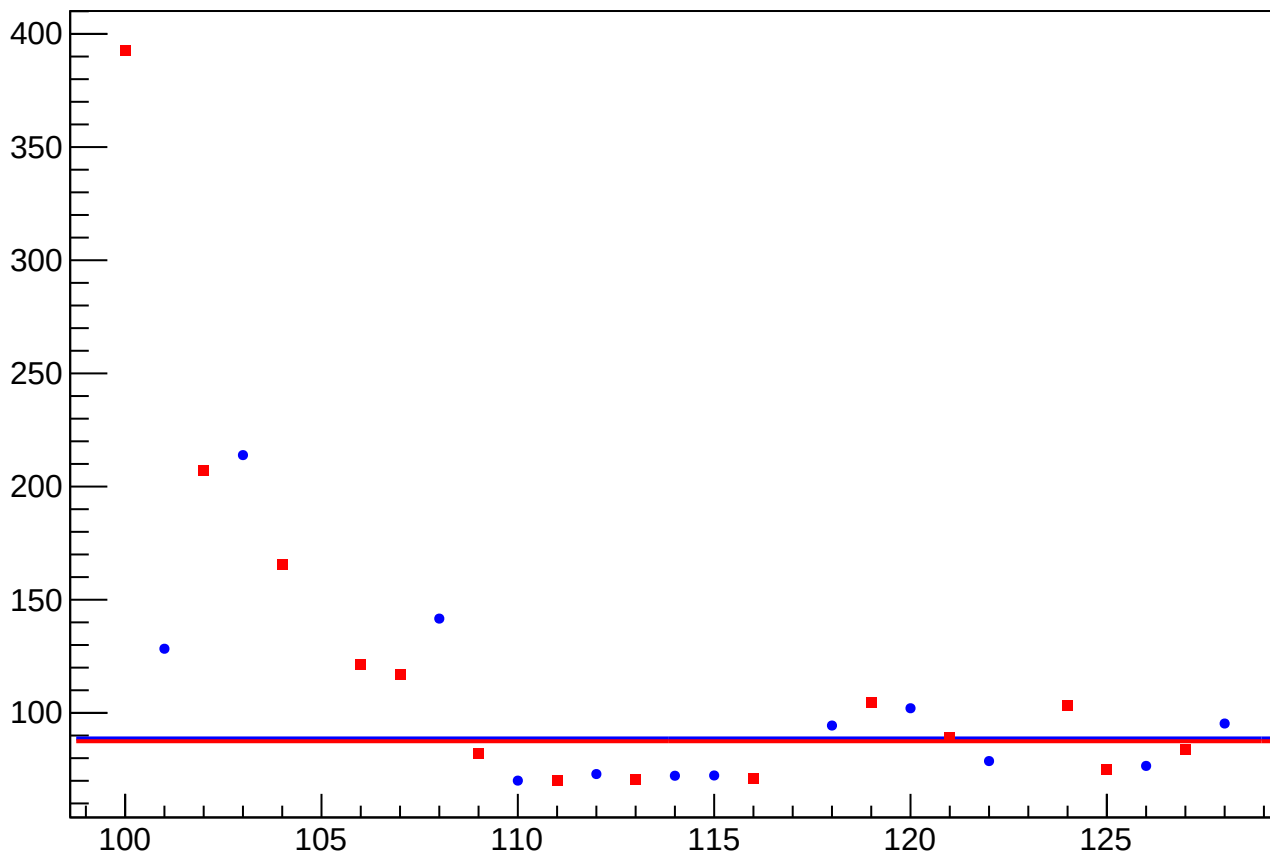
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.691 $\pm$ 29.009 χ^2 /NDF: 26.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_37_avg_rms vs Slug



Right In: 88.711+/-0.030 χ^2/NDF : 793648.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.480+/-0.028 χ^2/NDF : 971288.6/13

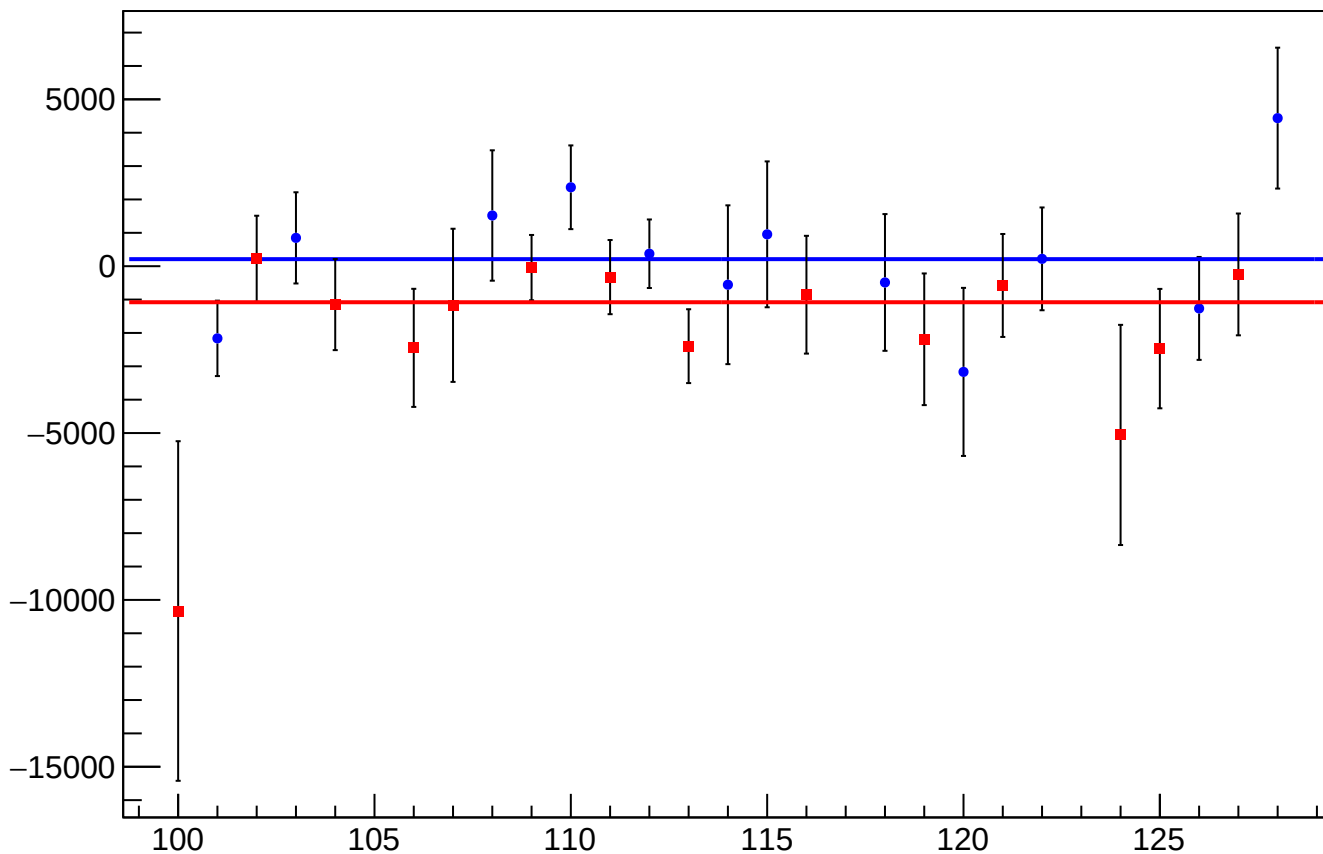
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.065+/-0.021 χ^2/NDF : 1765835.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_dit_correction_mean vs Slug



Right In: 211.182 $\pm$ 446.641 χ^2 /NDF: 15.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1079.912 $\pm$ 406.249 χ^2 /NDF: 10.6/13

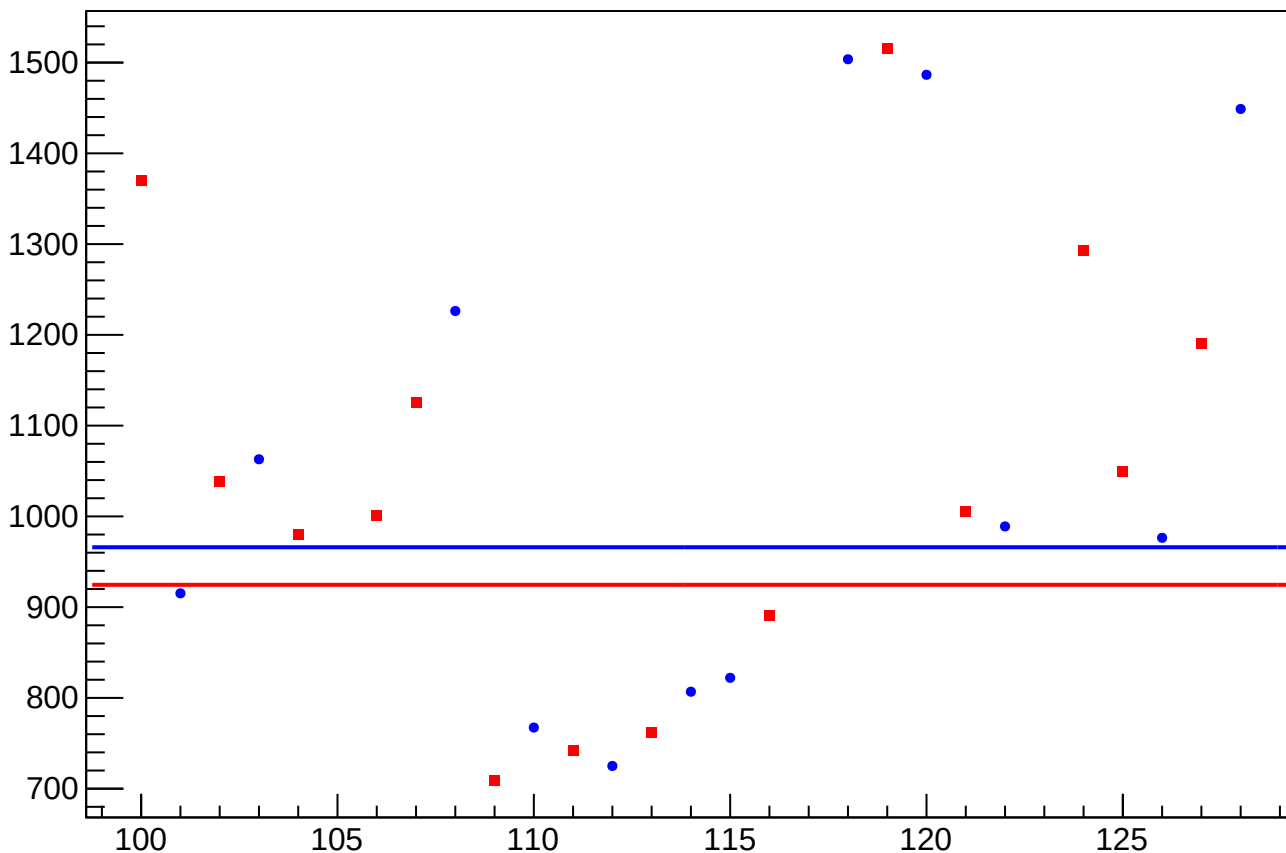
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -495.374 $\pm$ 300.529 χ^2 /NDF: 30.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_eigen_dit_correction_rms vs Slug



Right In: 966.000+/-0.316 χ^2/NDF : 555861.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 924.602+/-0.287 χ^2/NDF : 510112.5/13

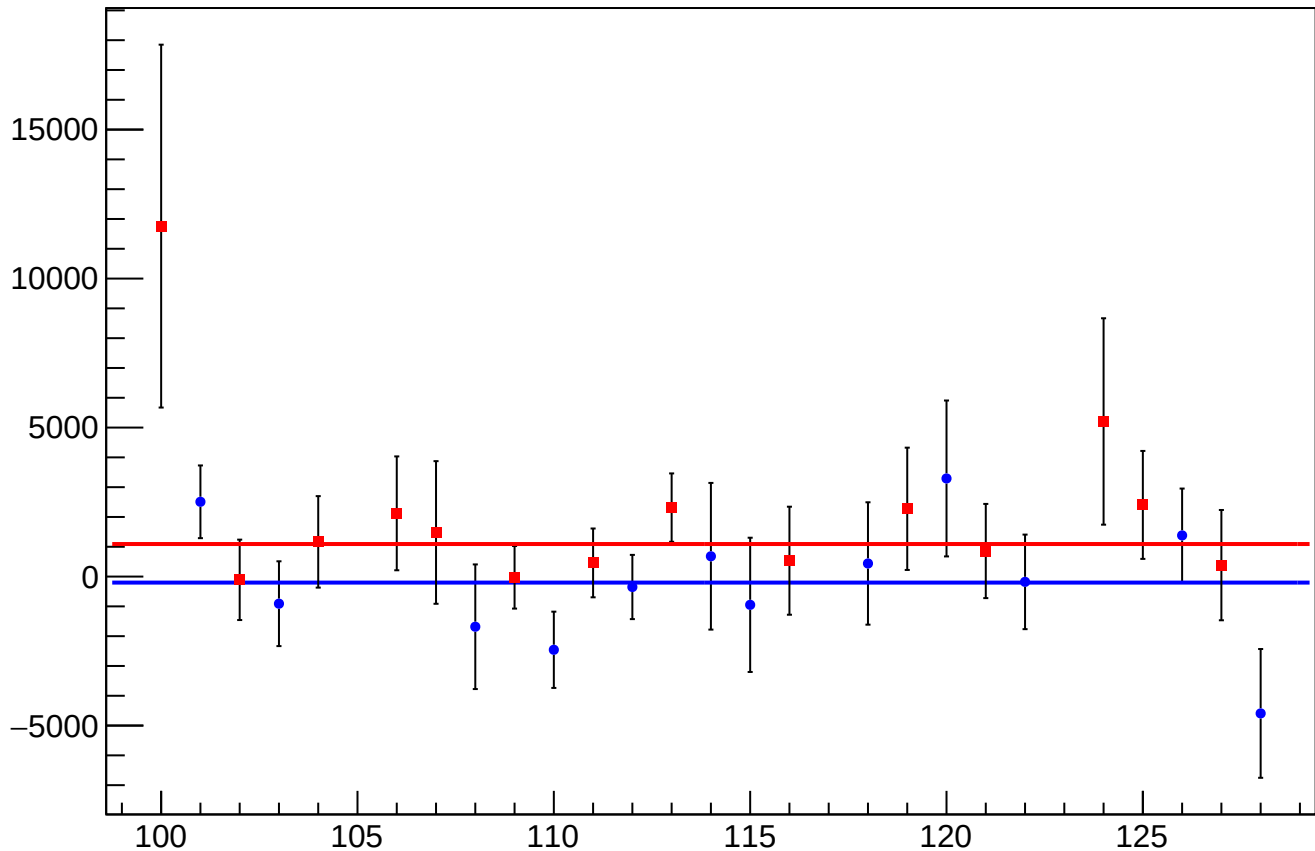
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 943.345+/-0.213 χ^2/NDF : 1075376.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_mean vs Slug



Right In: -201.963+/-464.851 χ^2/NDF : 16.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1092.271+/-426.816 χ^2/NDF : 9.3/13

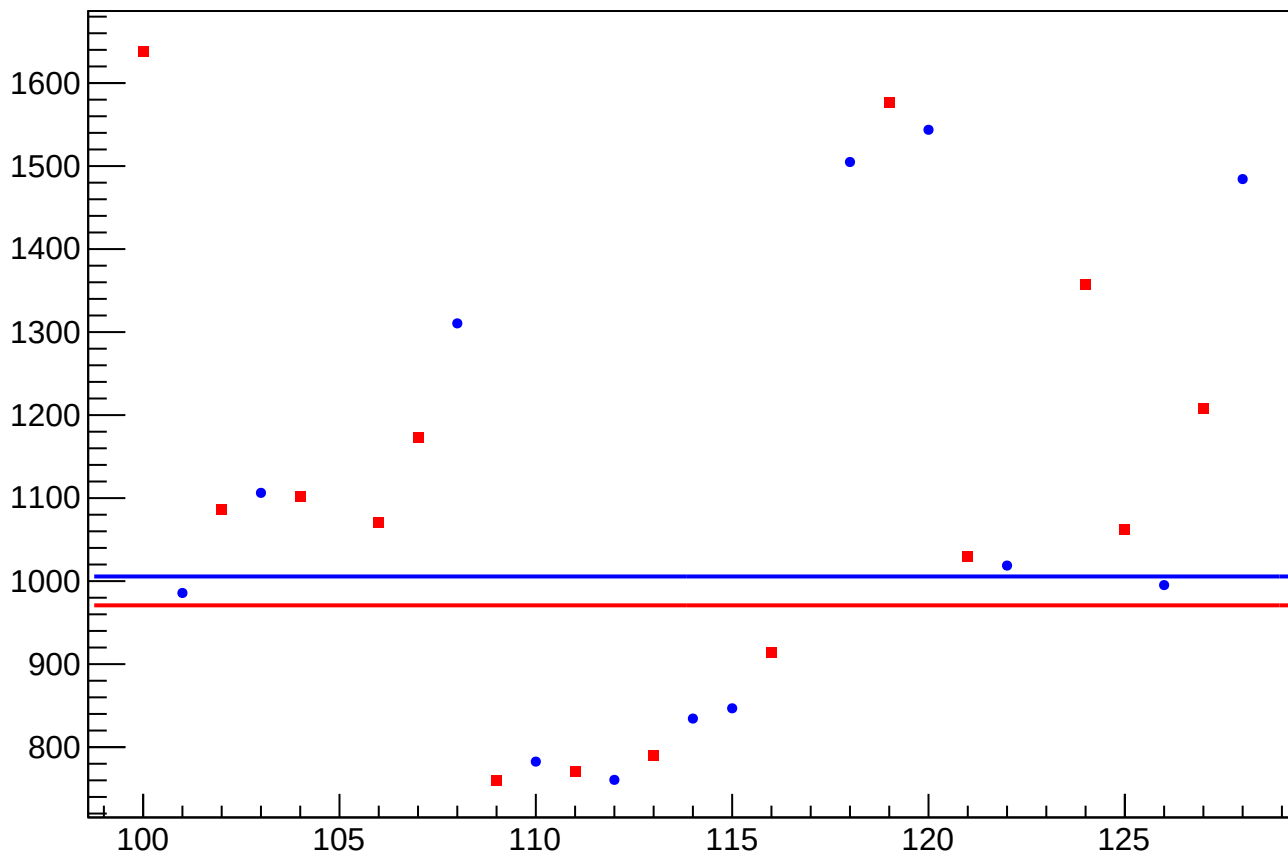
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 500.260+/-314.393 χ^2/NDF : 29.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_rms vs Slug



Right In: 1005.603+/-0.329 χ^2/NDF : 538061.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 970.829+/-0.302 χ^2/NDF : 505598.2/13

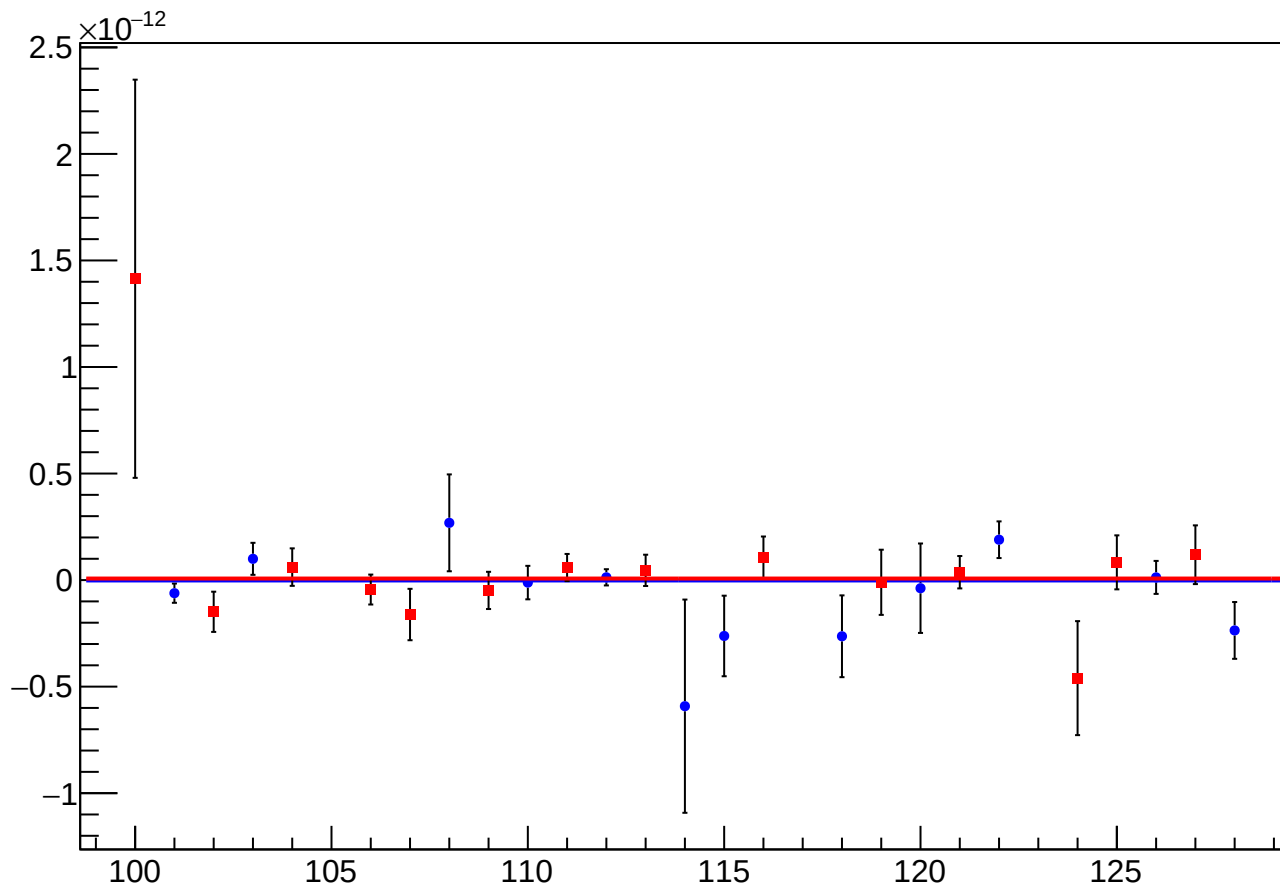
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 986.735+/-0.222 χ^2/NDF : 1049732.0/25

- 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: 18.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 14.4/13

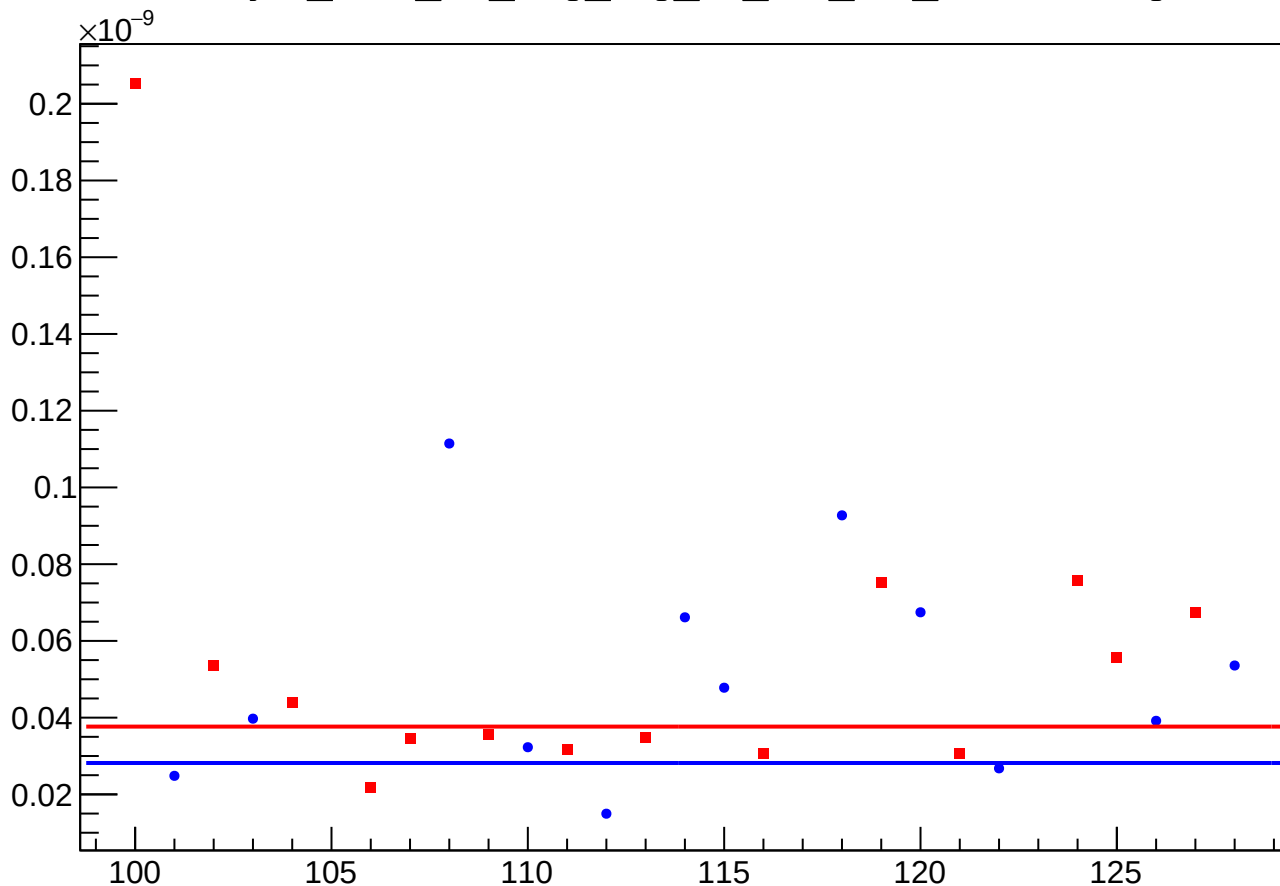
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 32.9/25

- 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 : 1015790.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 578477.3/13

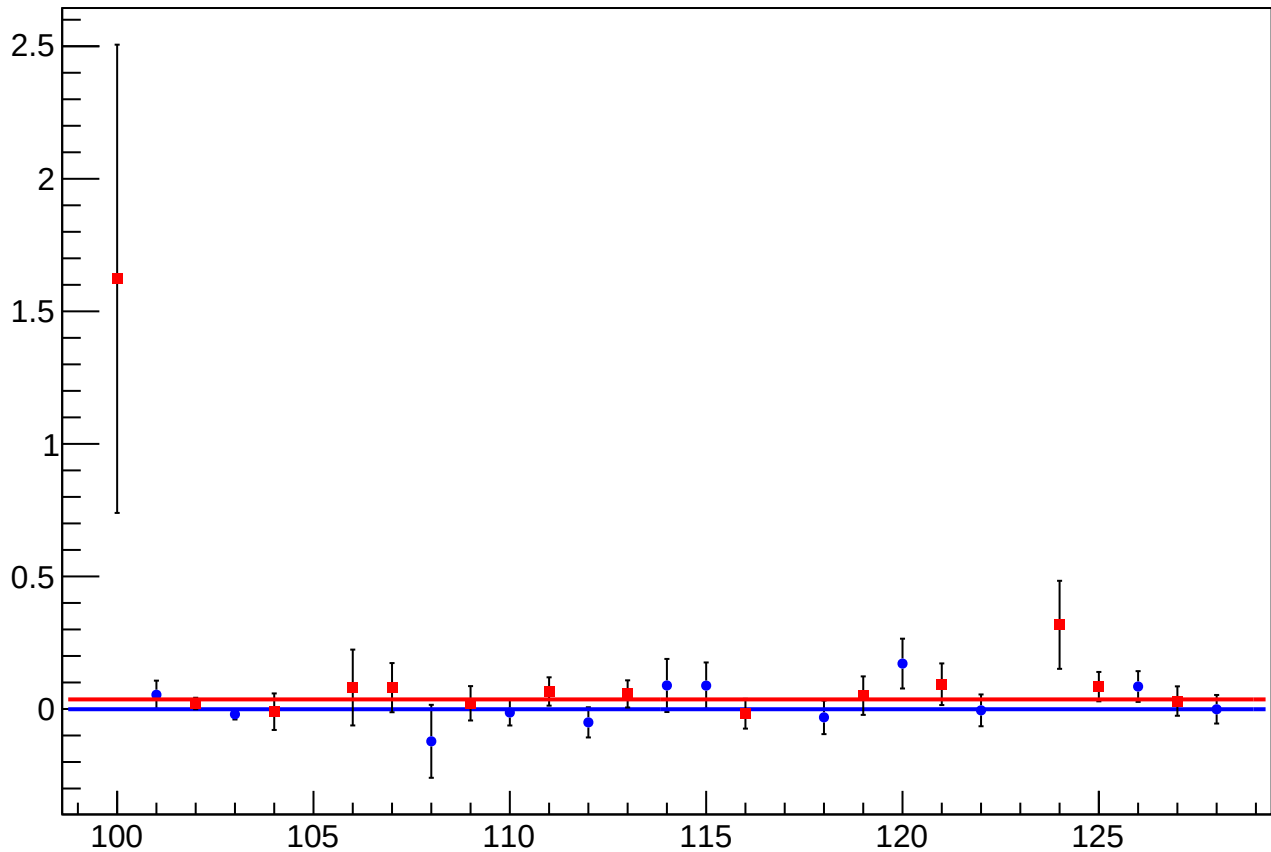
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1749067.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.001 ± 0.014 χ^2/NDF : 11.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.036 ± 0.014 χ^2/NDF : 10.2/13

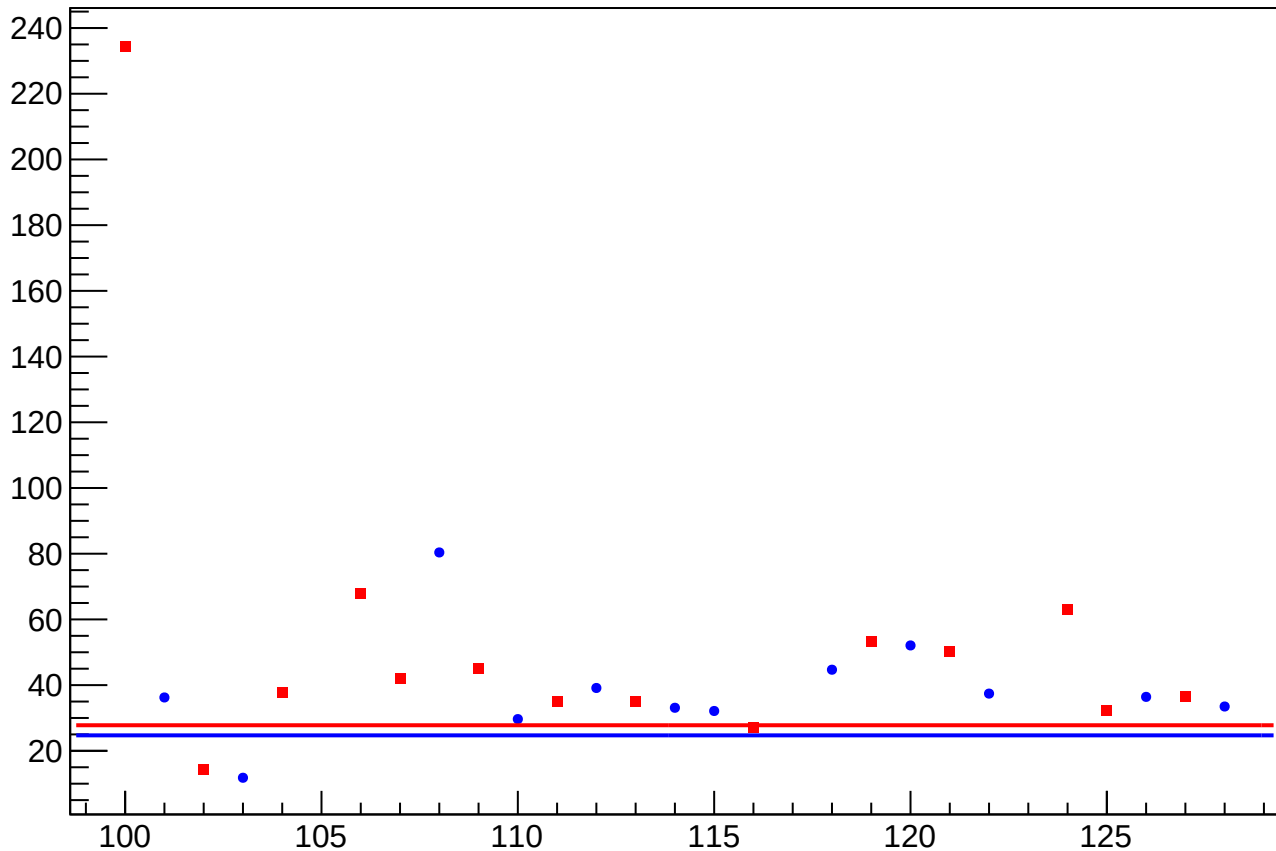
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.017 ± 0.010 χ^2/NDF : 24.9/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_dit_vs_cor_diff_rms vs Slug



Right In: 24.711+/-0.010 χ^2/NDF : 2055589.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.787+/-0.010 χ^2/NDF : 1928403.6/13

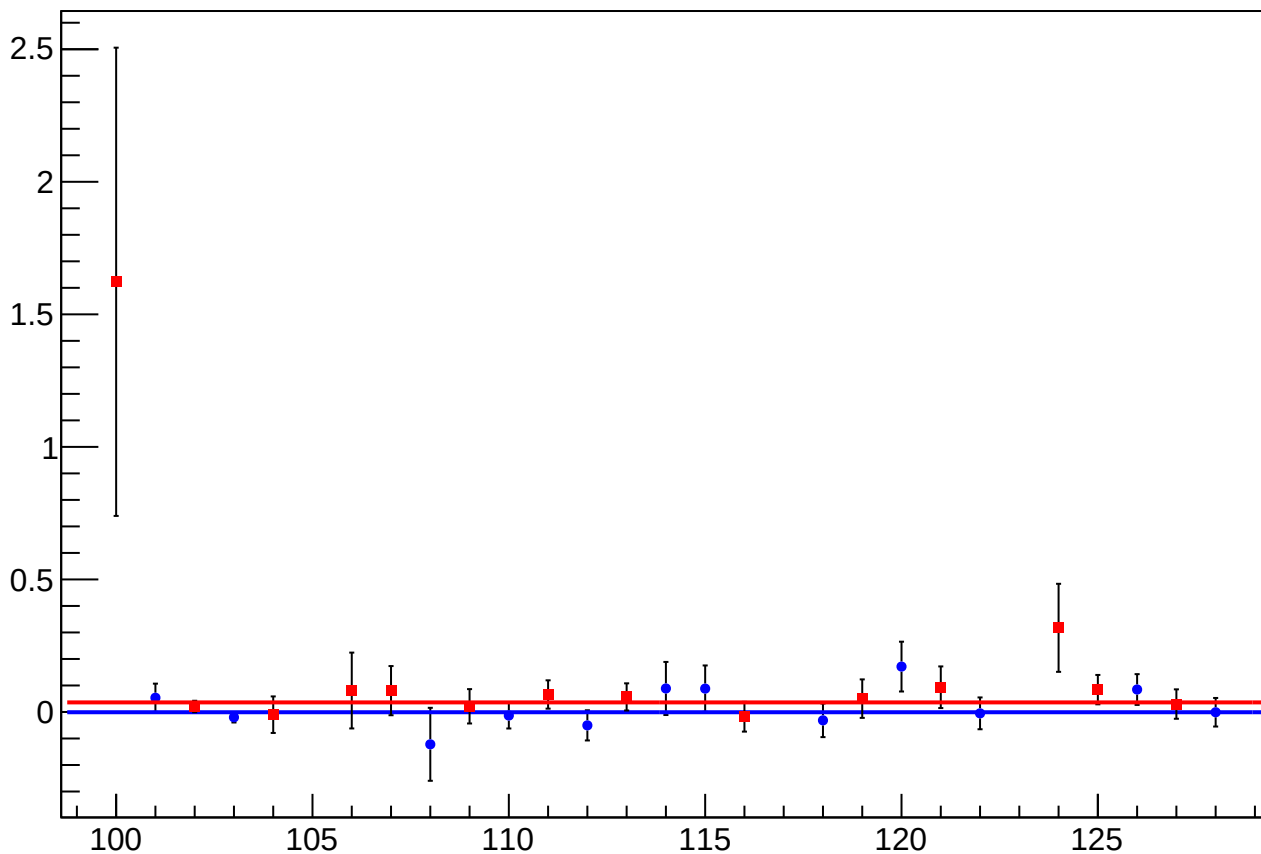
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.191+/-0.007 χ^2/NDF : 4031690.5/25

- 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: -0.001 $\pm$ 0.014 χ^2 /NDF: 11.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.036 $\pm$ 0.014 χ^2 /NDF: 10.2/13

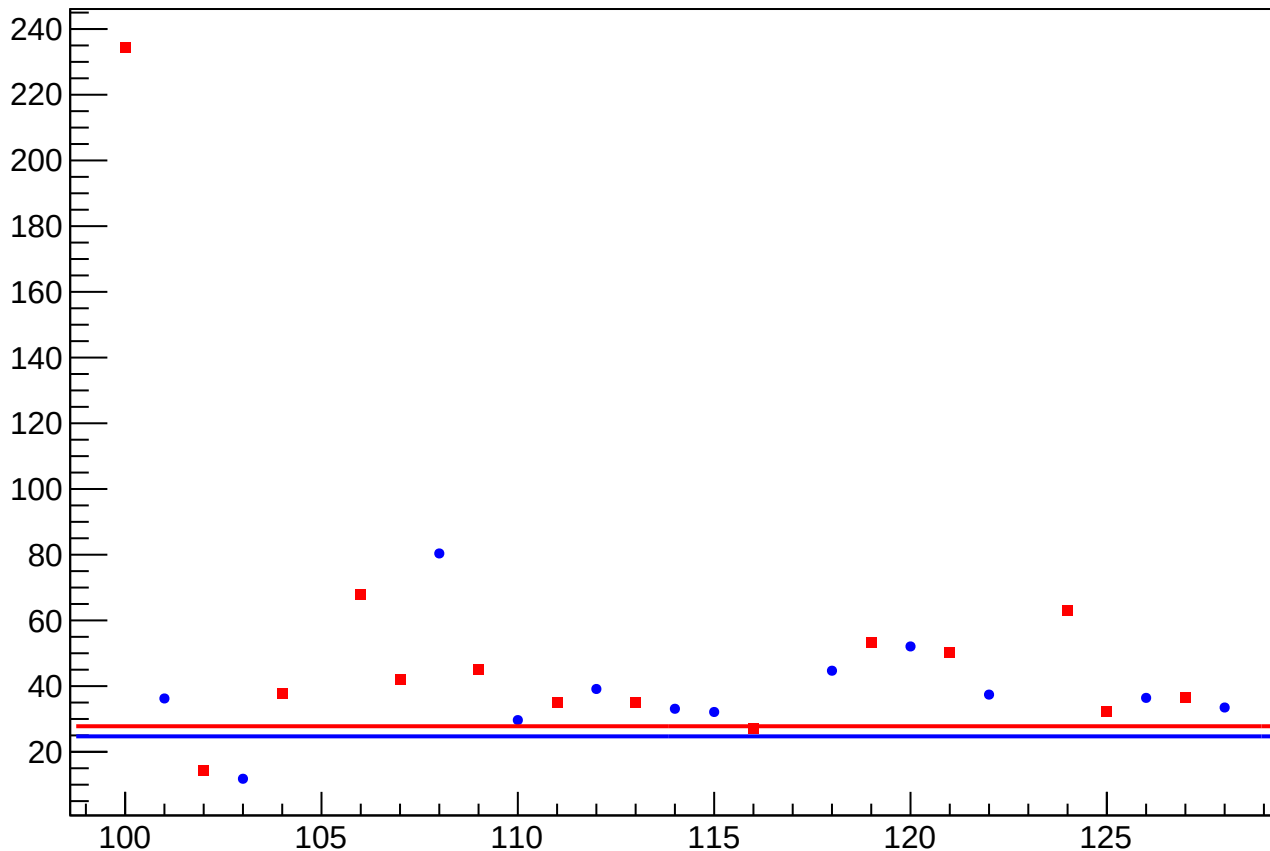
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.010 χ^2 /NDF: 24.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 24.711+/-0.010 χ^2/NDF : 2055589.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.787+/-0.010 χ^2/NDF : 1928403.6/13

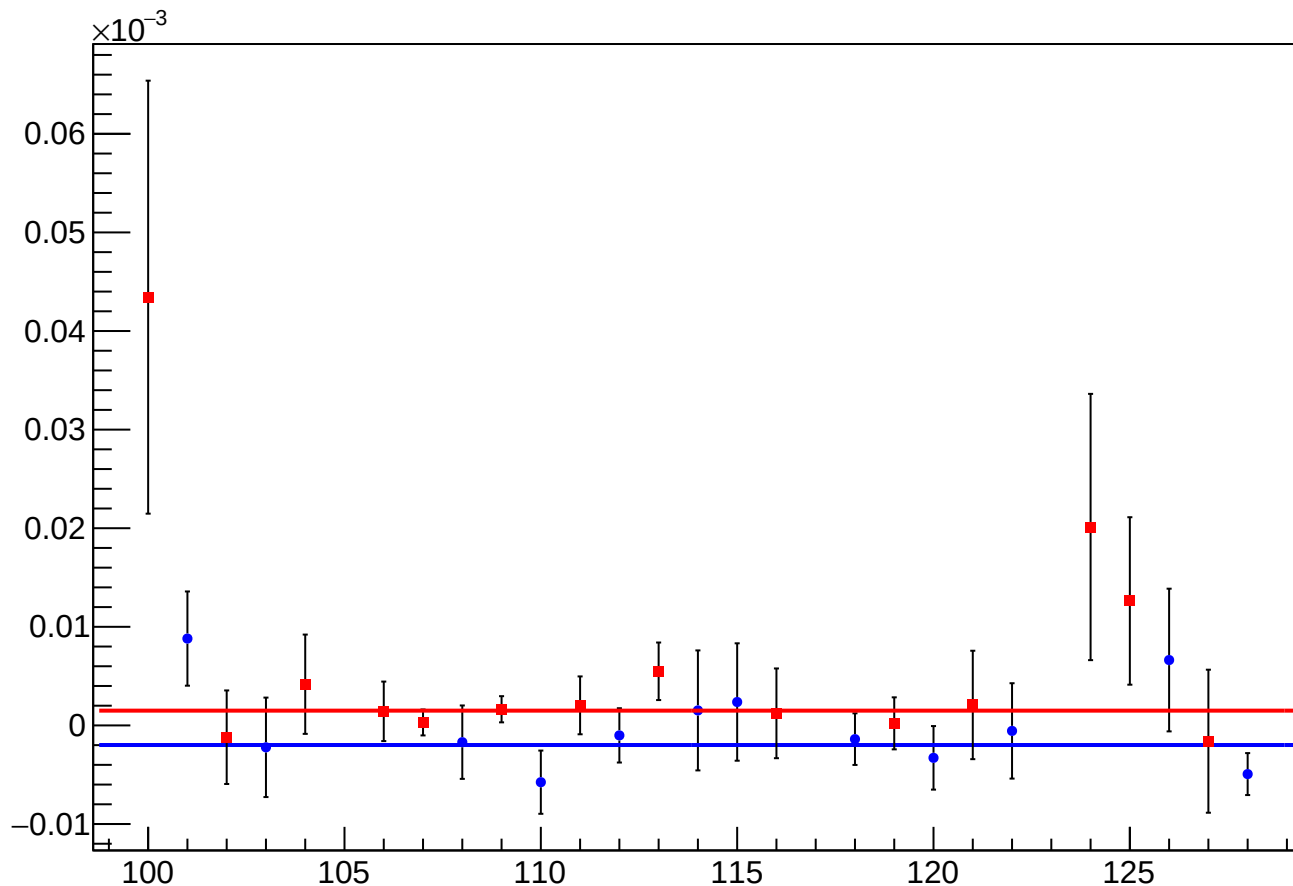
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.191+/-0.007 χ^2/NDF : 4031690.5/25

- 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+/-0.000 χ^2/NDF : 11.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.1/13

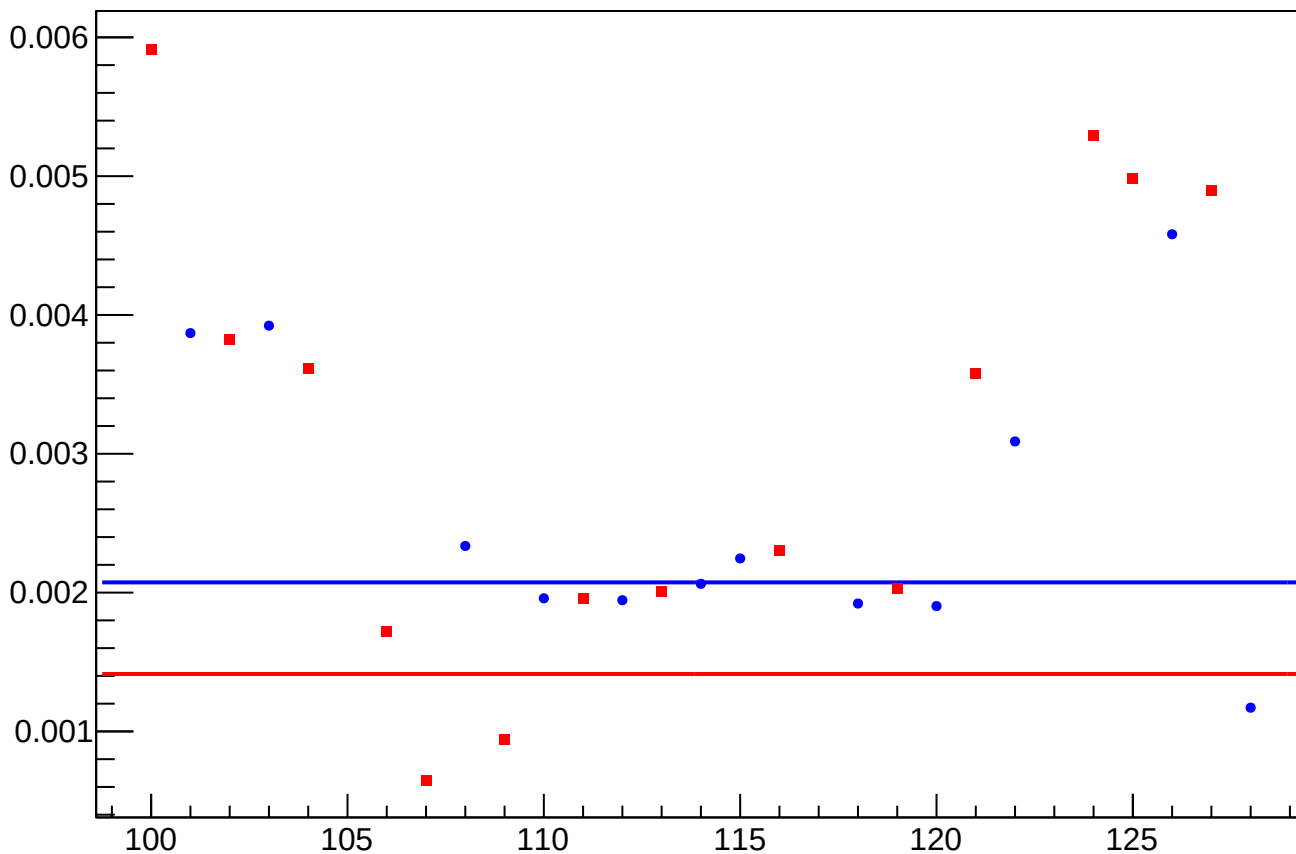
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.9/25

- sign 0.000+/-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 : 1270753.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3563227.1/13

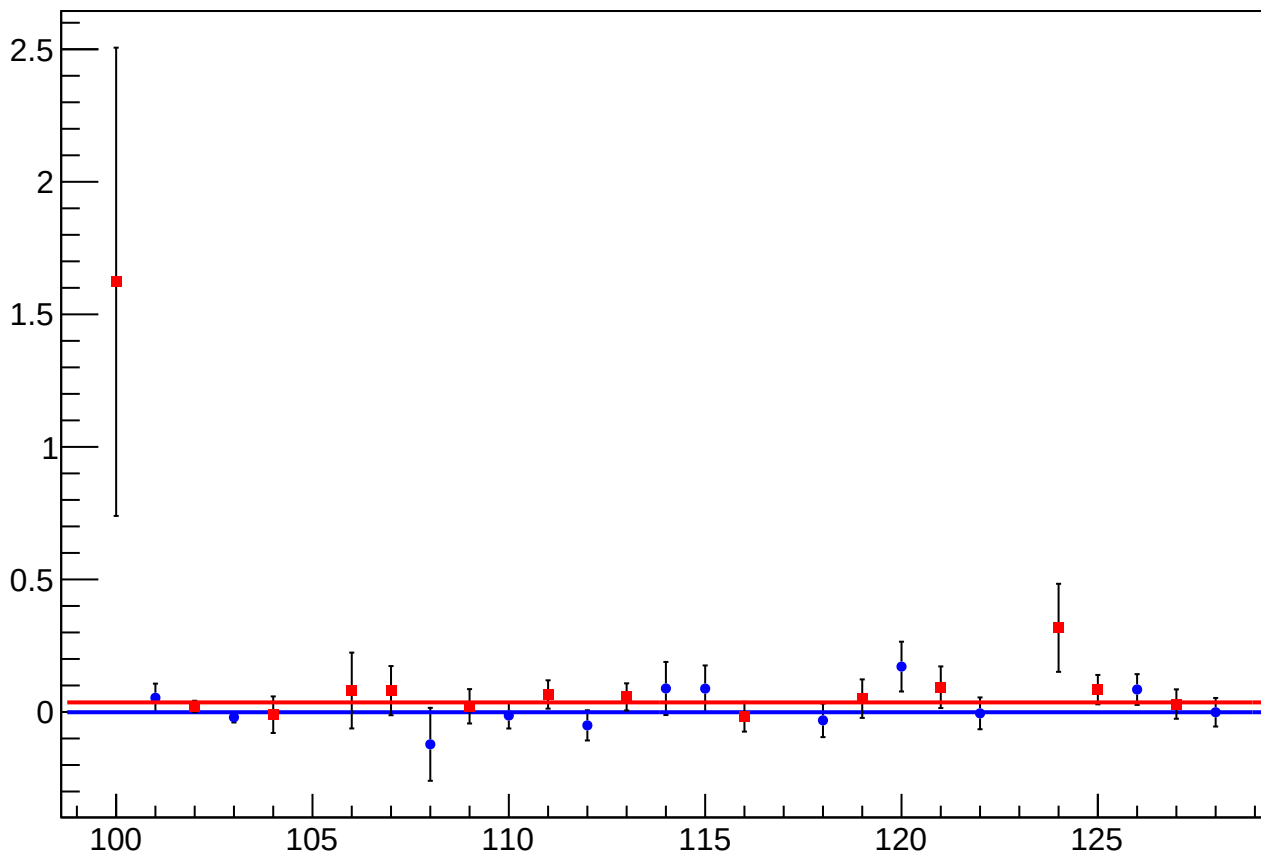
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5385167.7/25

- 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: -0.001 $\pm$ 0.014 χ^2 /NDF: 11.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.036 $\pm$ 0.014 χ^2 /NDF: 10.2/13

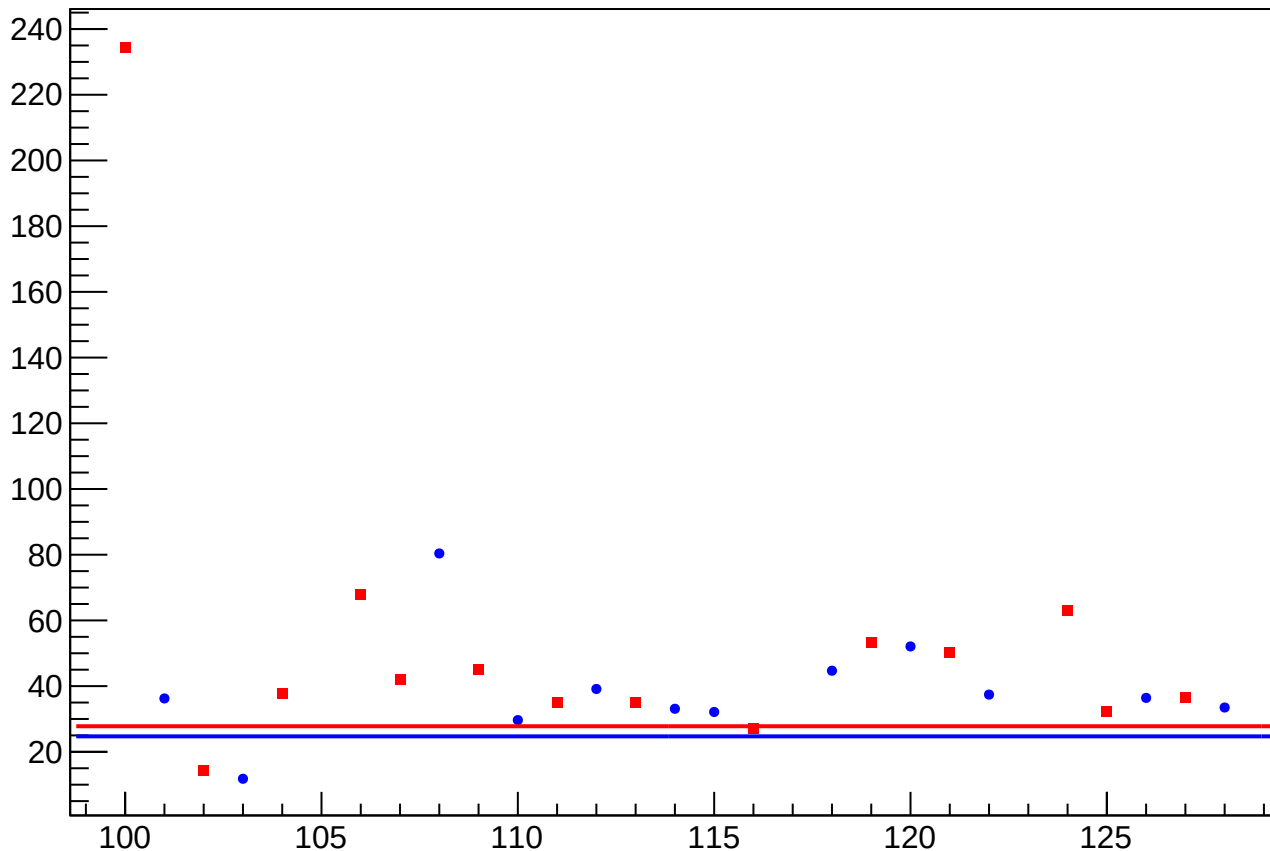
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.010 χ^2 /NDF: 24.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 24.711+/-0.010 χ^2/NDF : 2055890.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.790+/-0.010 χ^2/NDF : 1927890.7/13

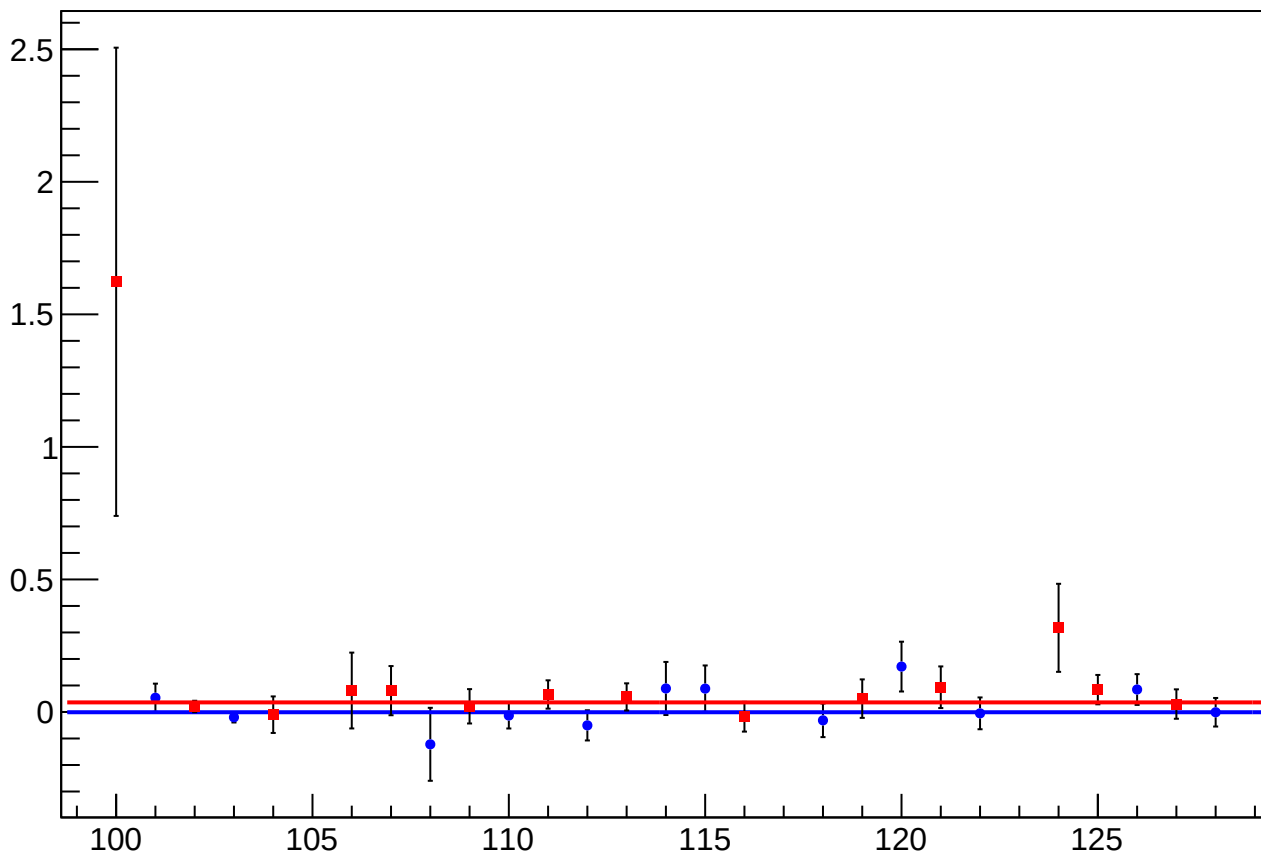
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.192+/-0.007 χ^2/NDF : 4031607.9/25

- 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: -0.001 $\pm$ 0.014 χ^2 /NDF: 11.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.036 $\pm$ 0.014 χ^2 /NDF: 10.2/13

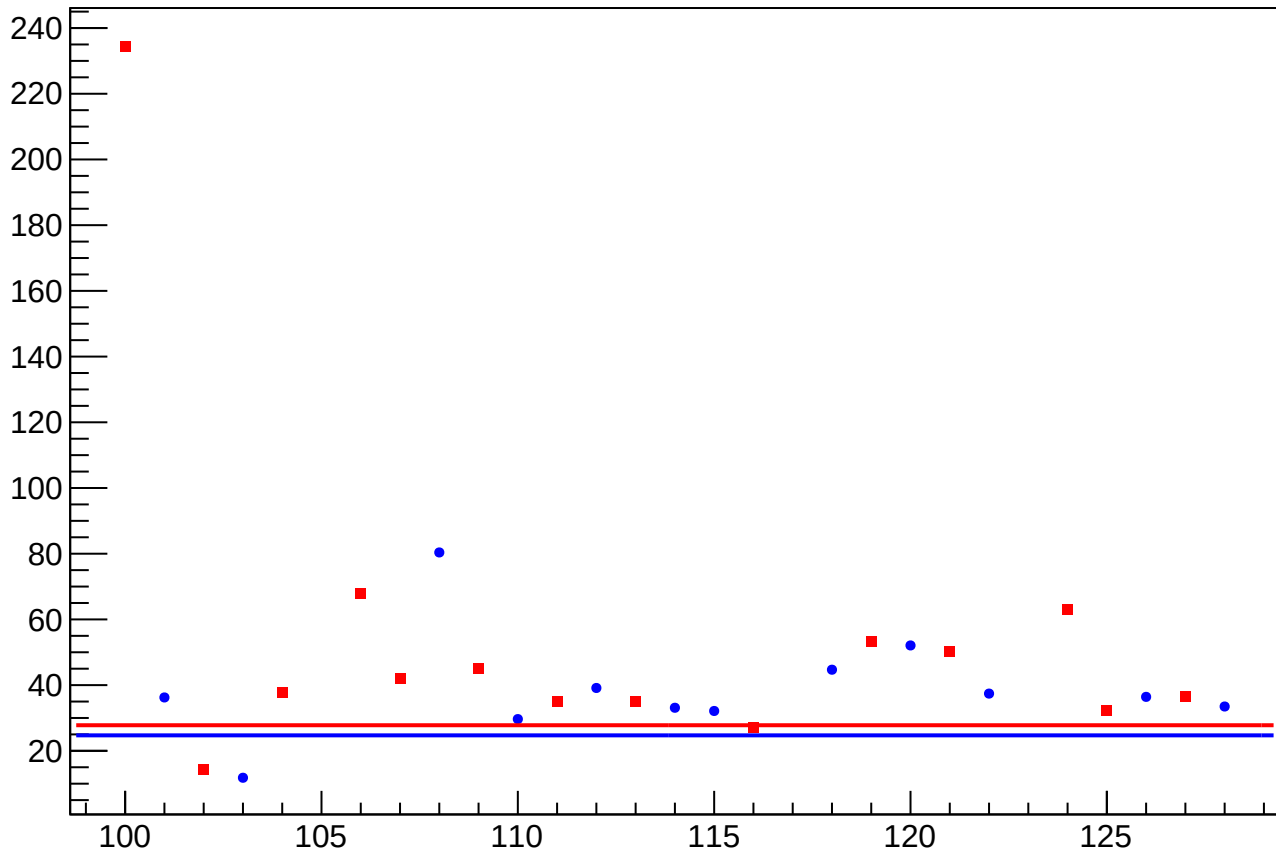
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.010 χ^2 /NDF: 24.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 24.711+/-0.010 χ^2/NDF : 2055890.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.790+/-0.010 χ^2/NDF : 1927890.7/13

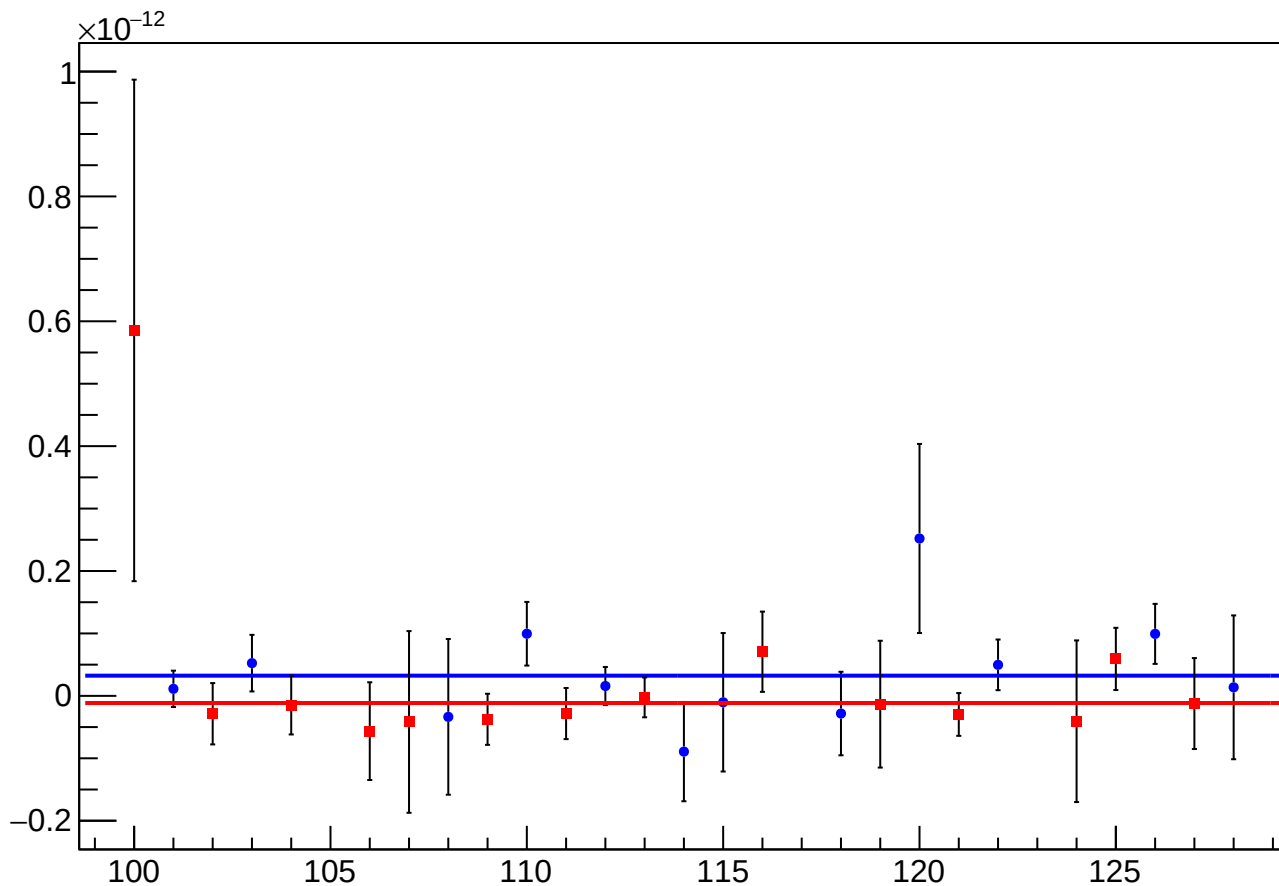
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.192+/-0.007 χ^2/NDF : 4031607.9/25

- 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 +/- 0.000 χ^2/NDF : 10.6/11

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 +/- 0.000 χ^2/NDF : 7.3/13

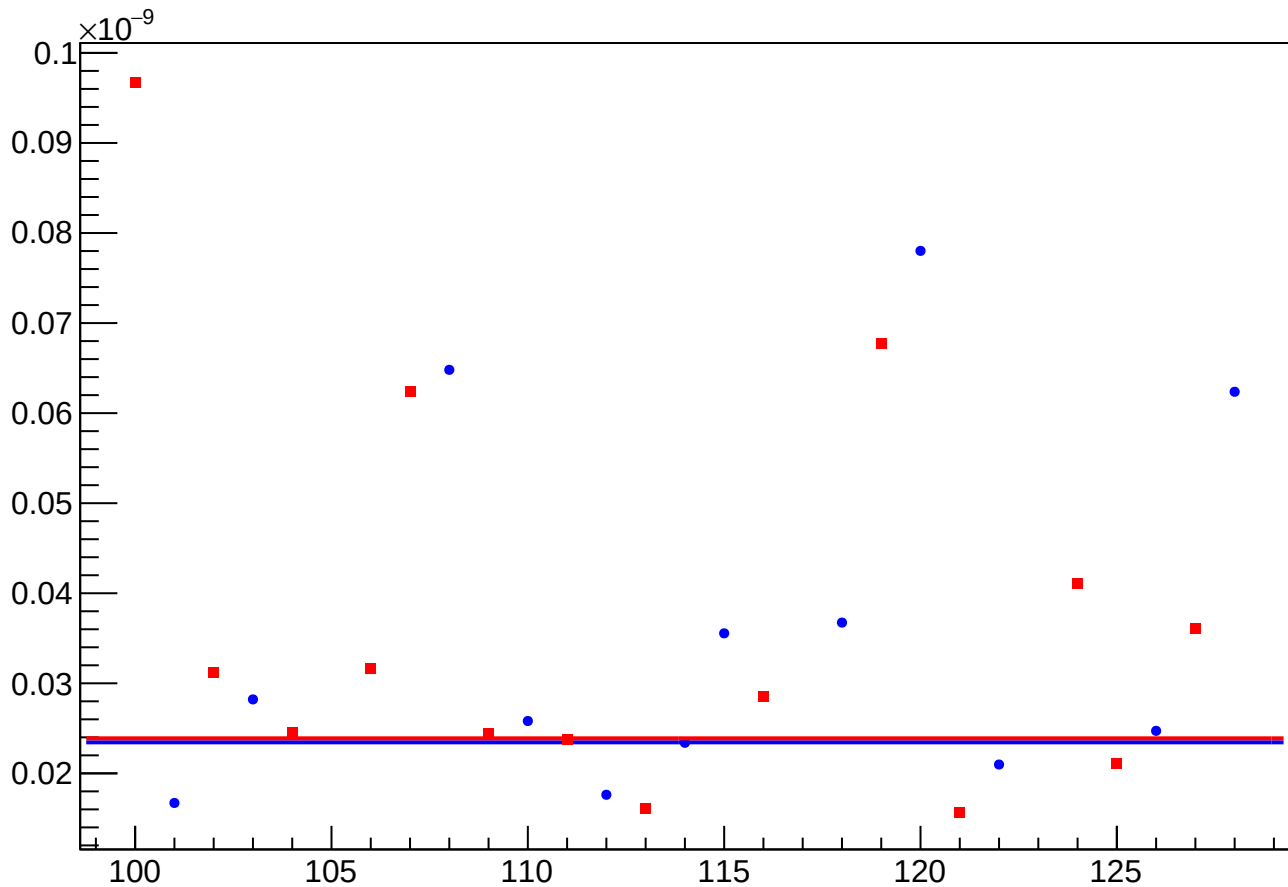
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 0.000 +/- 0.000 χ^2/NDF : 22.7/25

- sign 0.000 +/- 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 : 1026206.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 986749.2/13

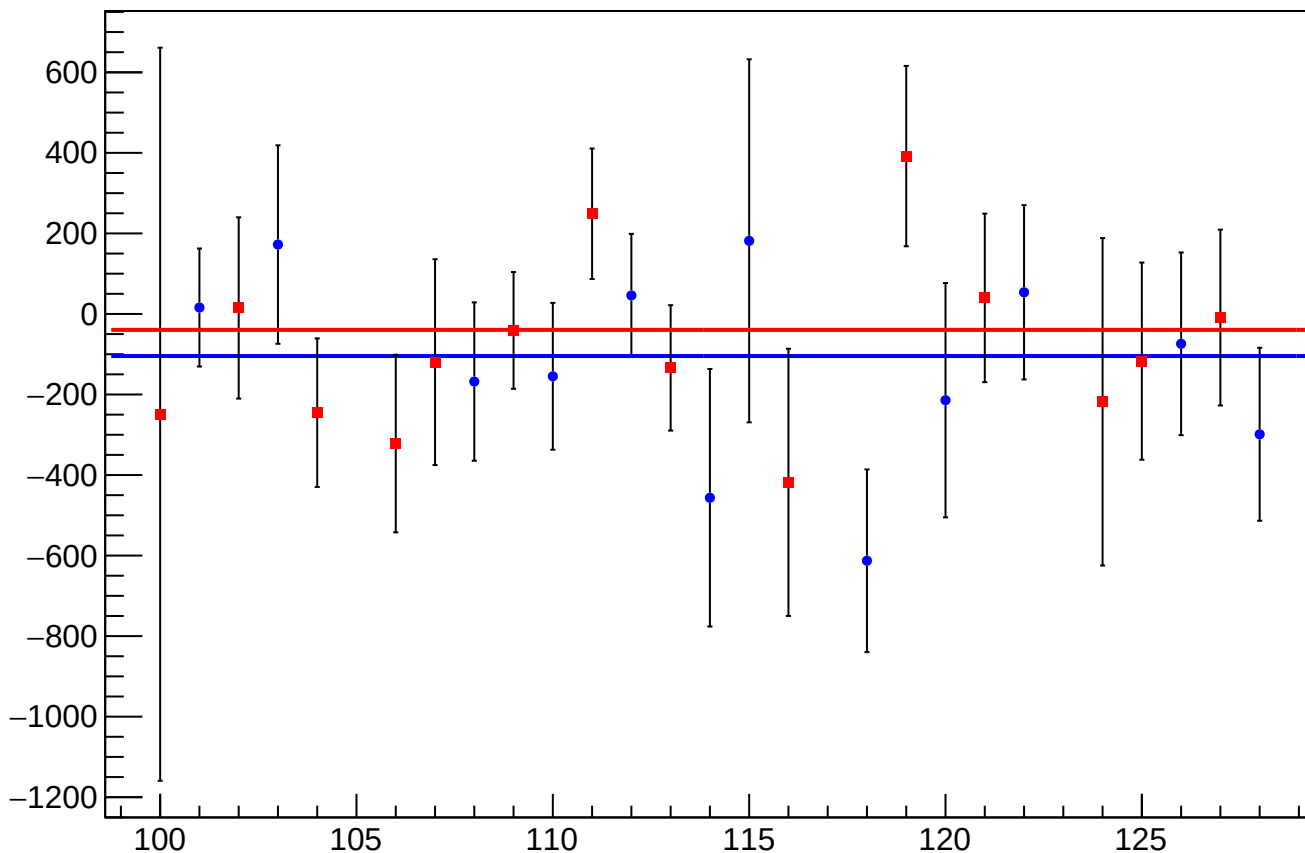
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2013946.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_mean vs Slug



Right In: -104.480+/-60.836 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -39.465+/-56.916 χ^2/NDF : 12.1/13

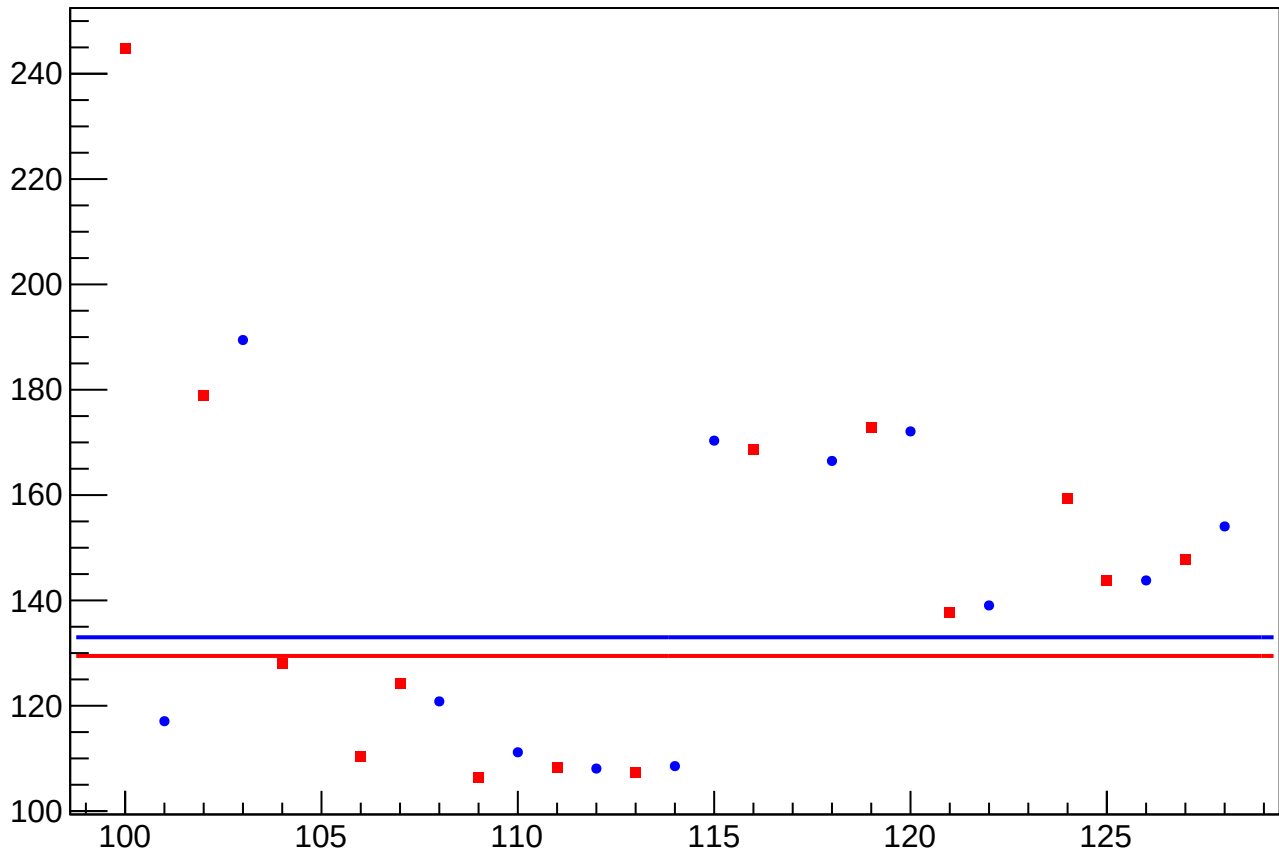
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.811+/-41.563 χ^2/NDF : 23.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_rms vs Slug



Right In: 133.001+/-0.043 χ^2/NDF : 348508.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.456+/-0.040 χ^2/NDF : 407732.9/13

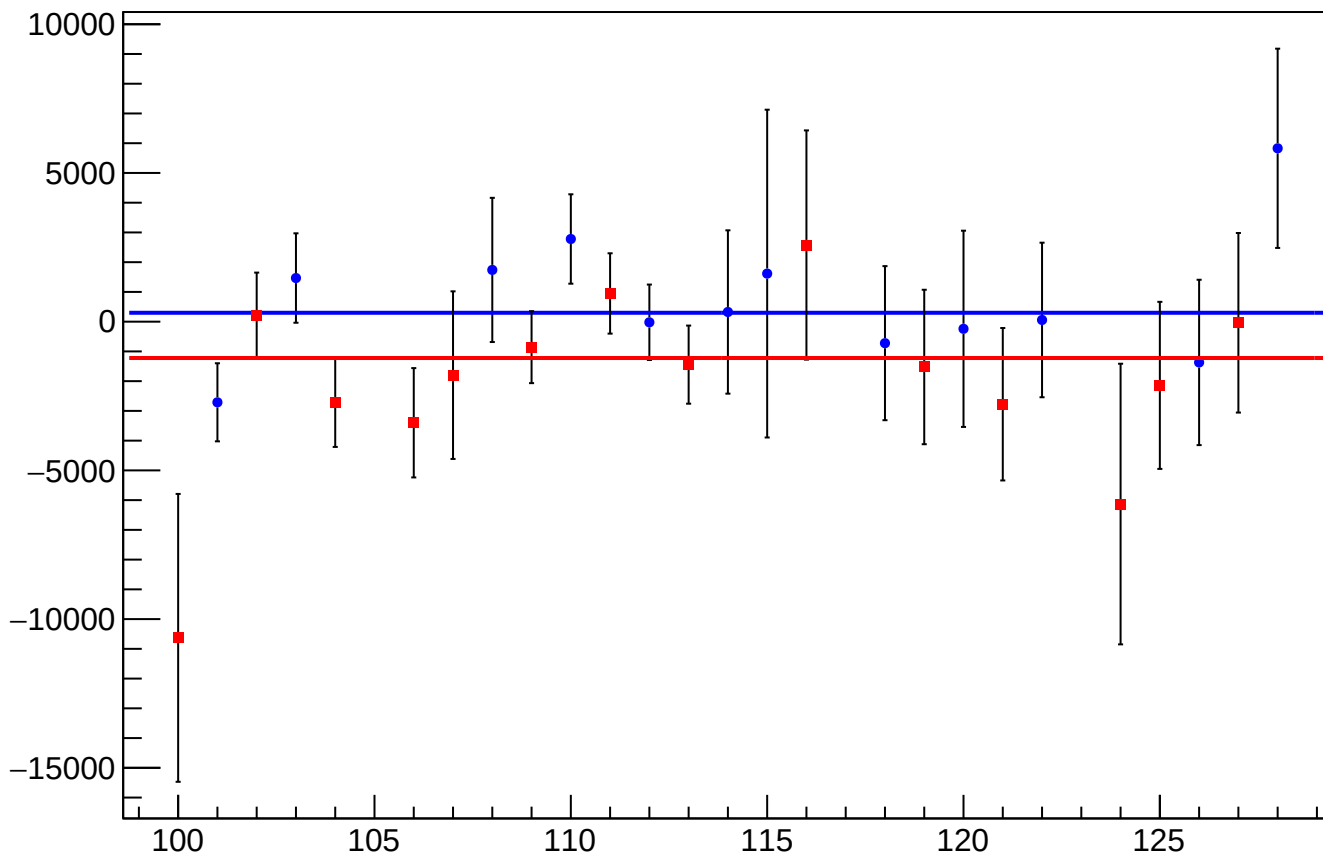
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.111+/-0.029 χ^2/NDF : 759862.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_reg_correction_mean vs Slug



Right In: 299.173+/-574.428 χ^2/NDF : 12.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1221.601+/-509.846 χ^2/NDF : 12.6/13

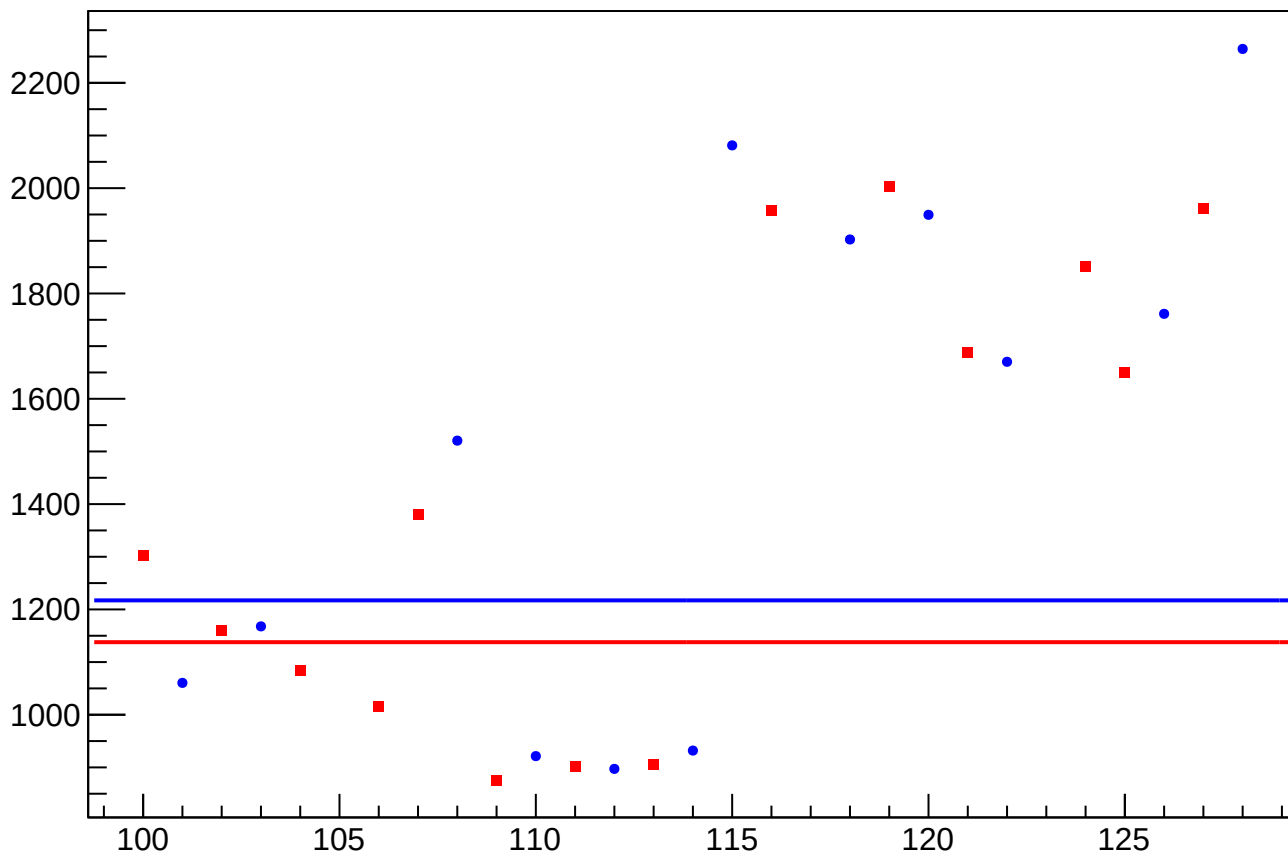
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -551.474+/-381.313 χ^2/NDF : 28.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_reg_correction_rms vs Slug



Right In: 1217.174+/-0.406 χ^2/NDF : 909048.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1137.780+/-0.361 χ^2/NDF : 913009.7/13

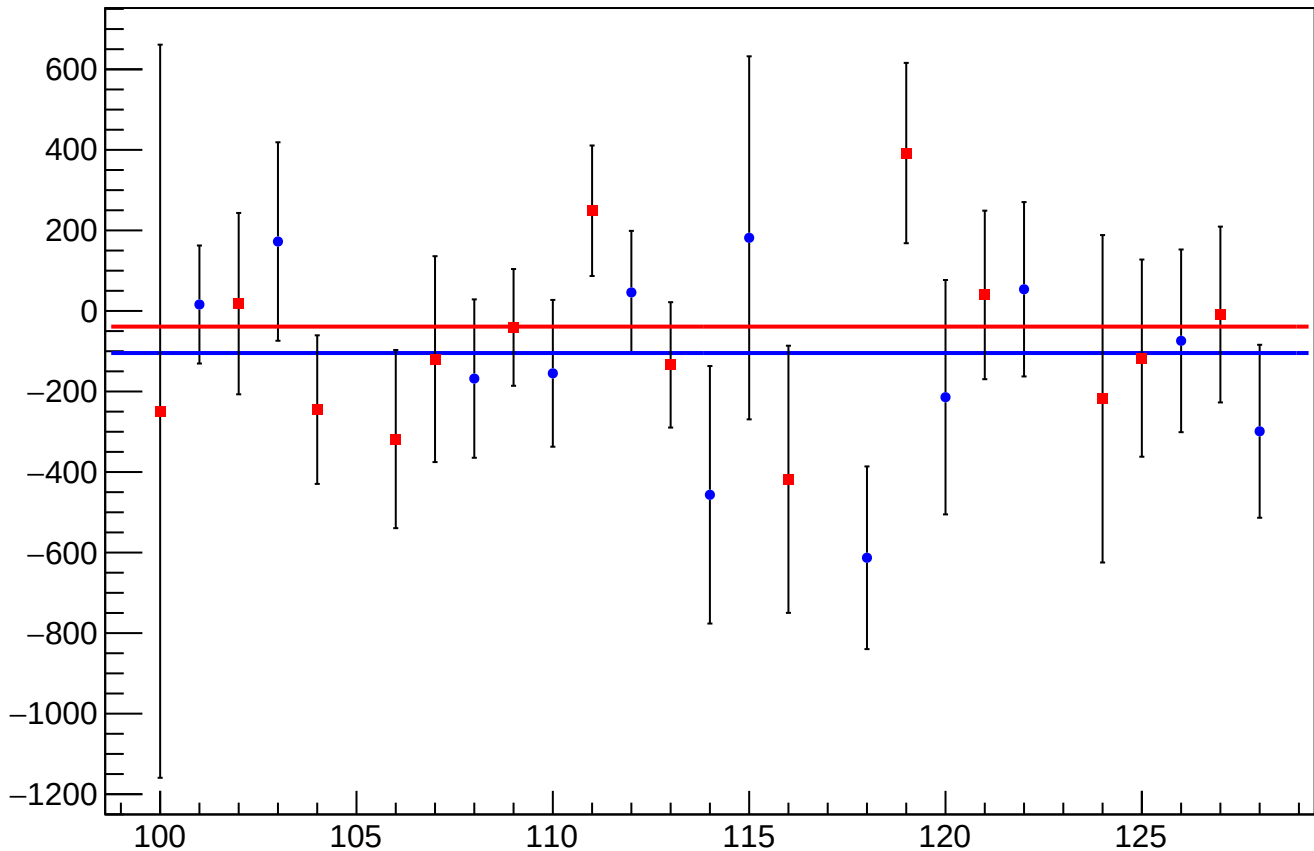
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1172.765+/-0.270 χ^2/NDF : 1843429.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_48_avg_mean vs Slug



Right In: -104.499+/-60.836 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.889+/-56.930 χ^2/NDF : 12.1/13

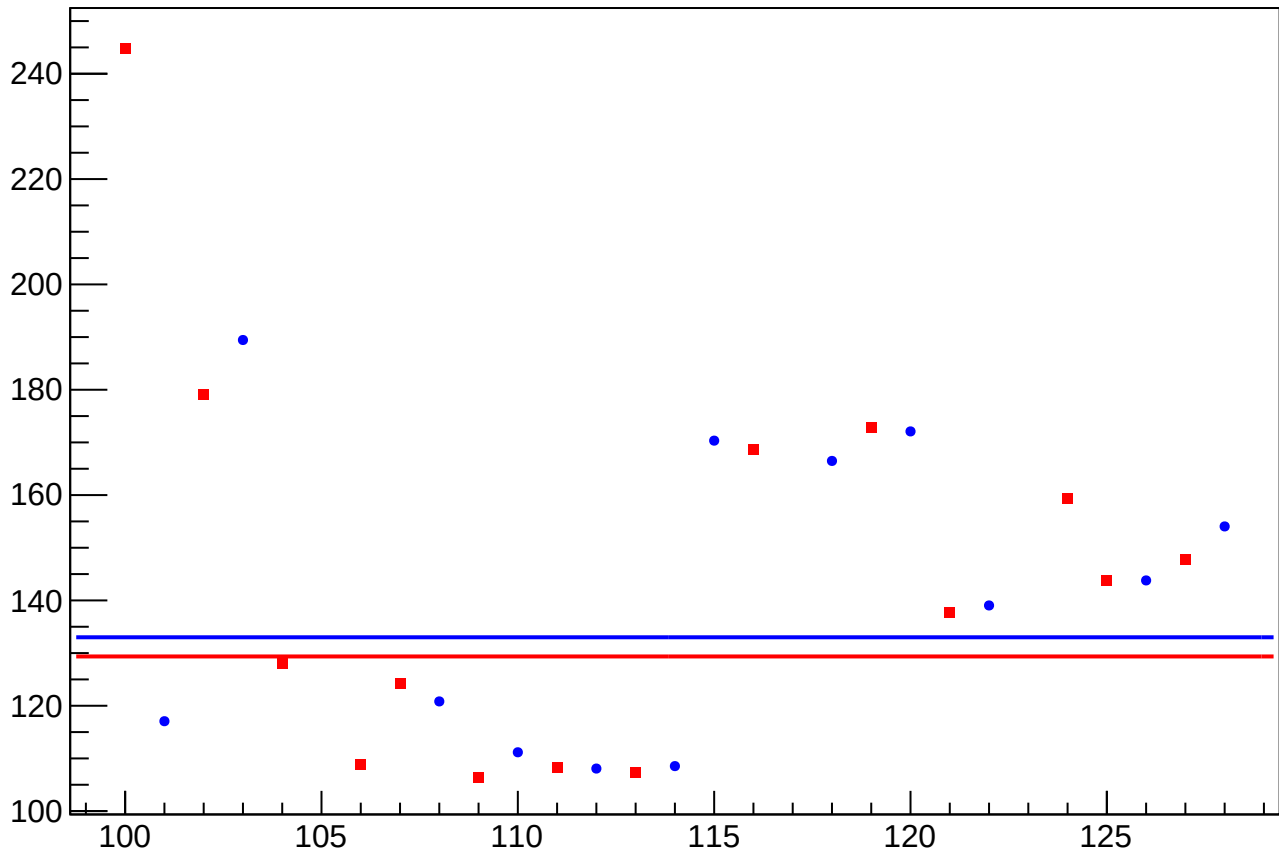
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.520+/-41.568 χ^2/NDF : 23.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_48_avg_rms vs Slug



Right In: 133.001 $\pm$ 0.043 χ^2 /NDF: 348511.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 129.360 $\pm$ 0.040 χ^2 /NDF: 410447.2/13

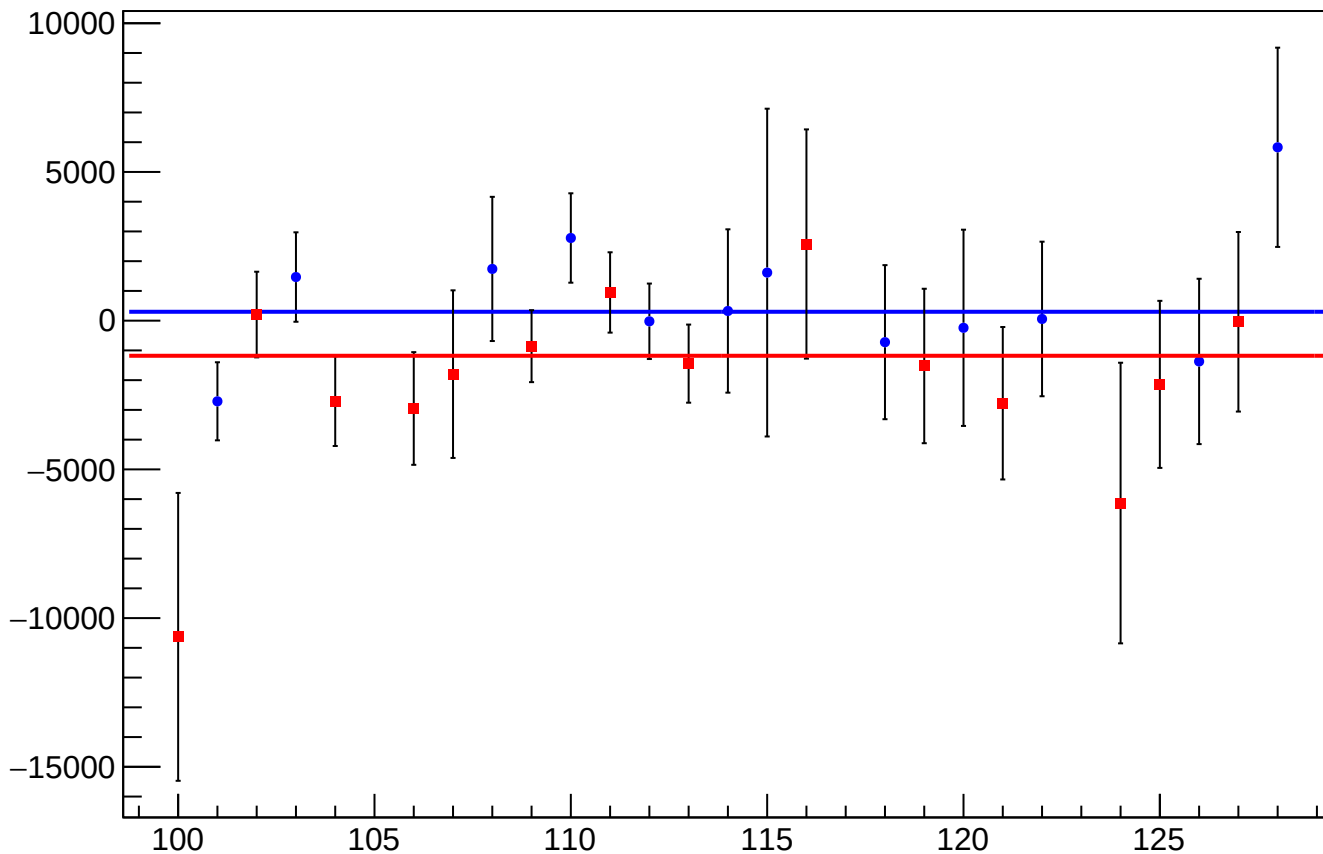
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 131.060 $\pm$ 0.029 χ^2 /NDF: 762778.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_cor_correction_mean vs Slug



Right In: 299.087+/-574.435 χ^2/NDF : 12.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1180.195+/-511.038 χ^2/NDF : 12.0/13

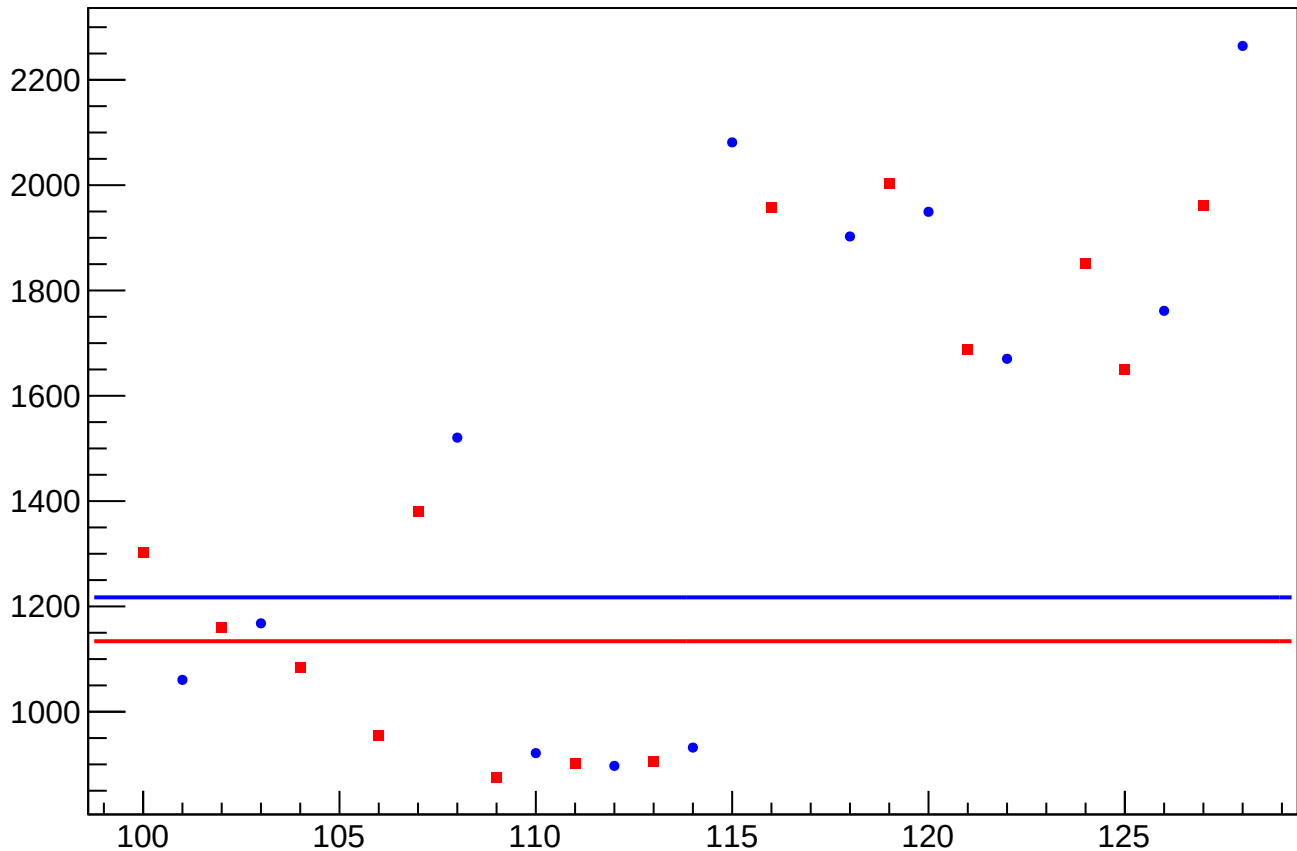
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -526.658+/-381.813 χ^2/NDF : 28.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_cor_correction_rms vs Slug



Right In: 1217.191+/-0.406 χ^2/NDF : 909038.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1133.906+/-0.361 χ^2/NDF : 922937.1/13

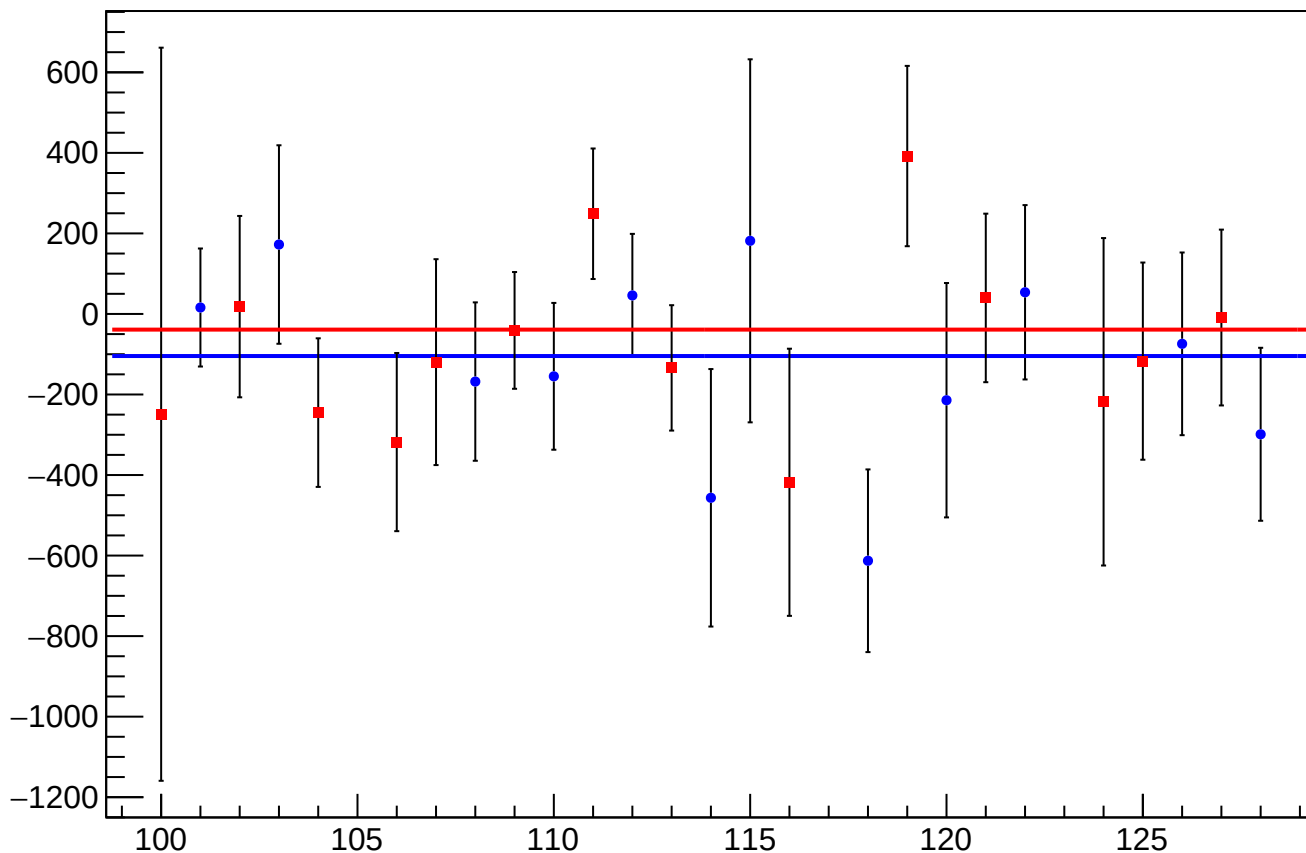
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1170.701+/-0.270 χ^2/NDF : 1855443.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_48_avg_mean vs Slug



Right In: -104.499+/-60.836 χ^2/NDF : 11.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.889+/-56.930 χ^2/NDF : 12.1/13

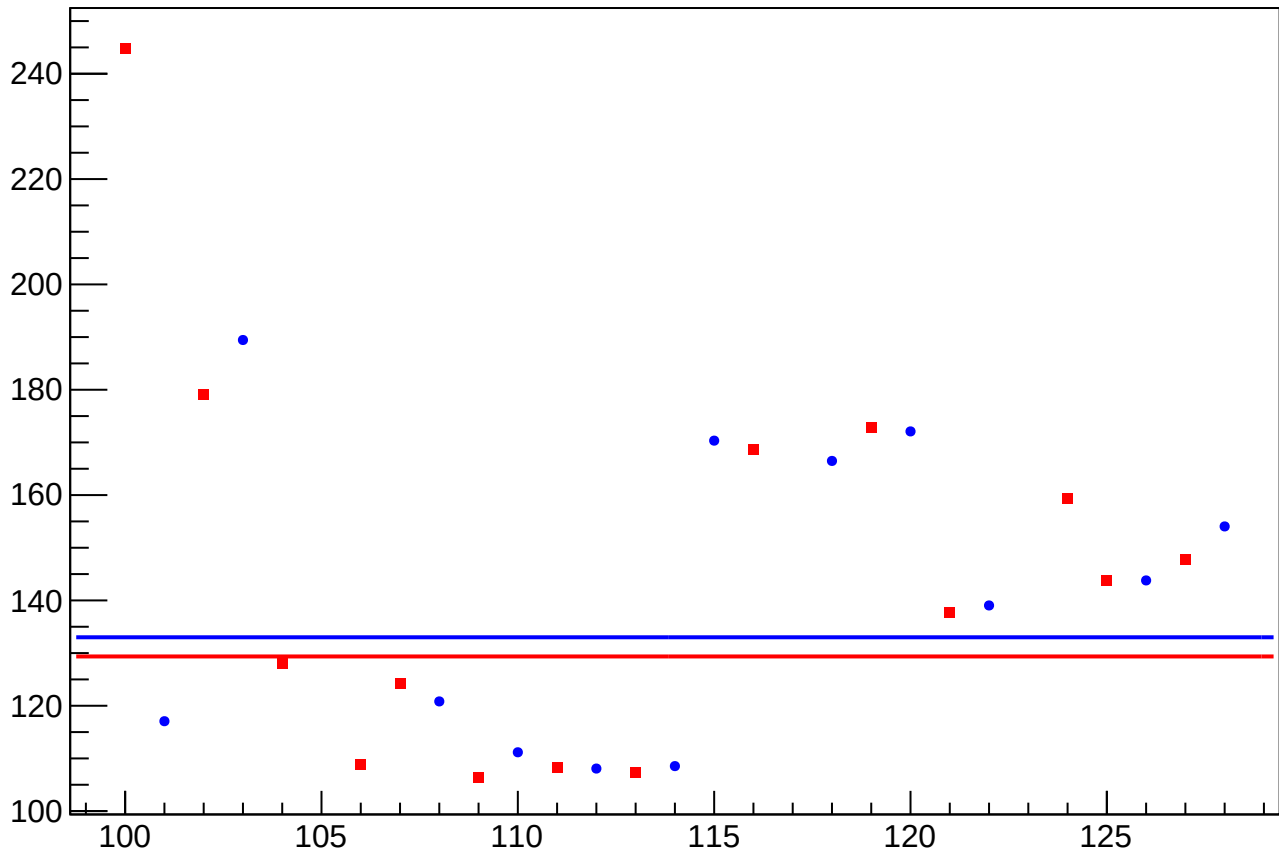
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.520+/-41.568 χ^2/NDF : 23.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_48_avg_rms vs Slug



Right In: 133.001+/-0.043 χ^2/NDF : 348511.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.360+/-0.040 χ^2/NDF : 410447.2/13

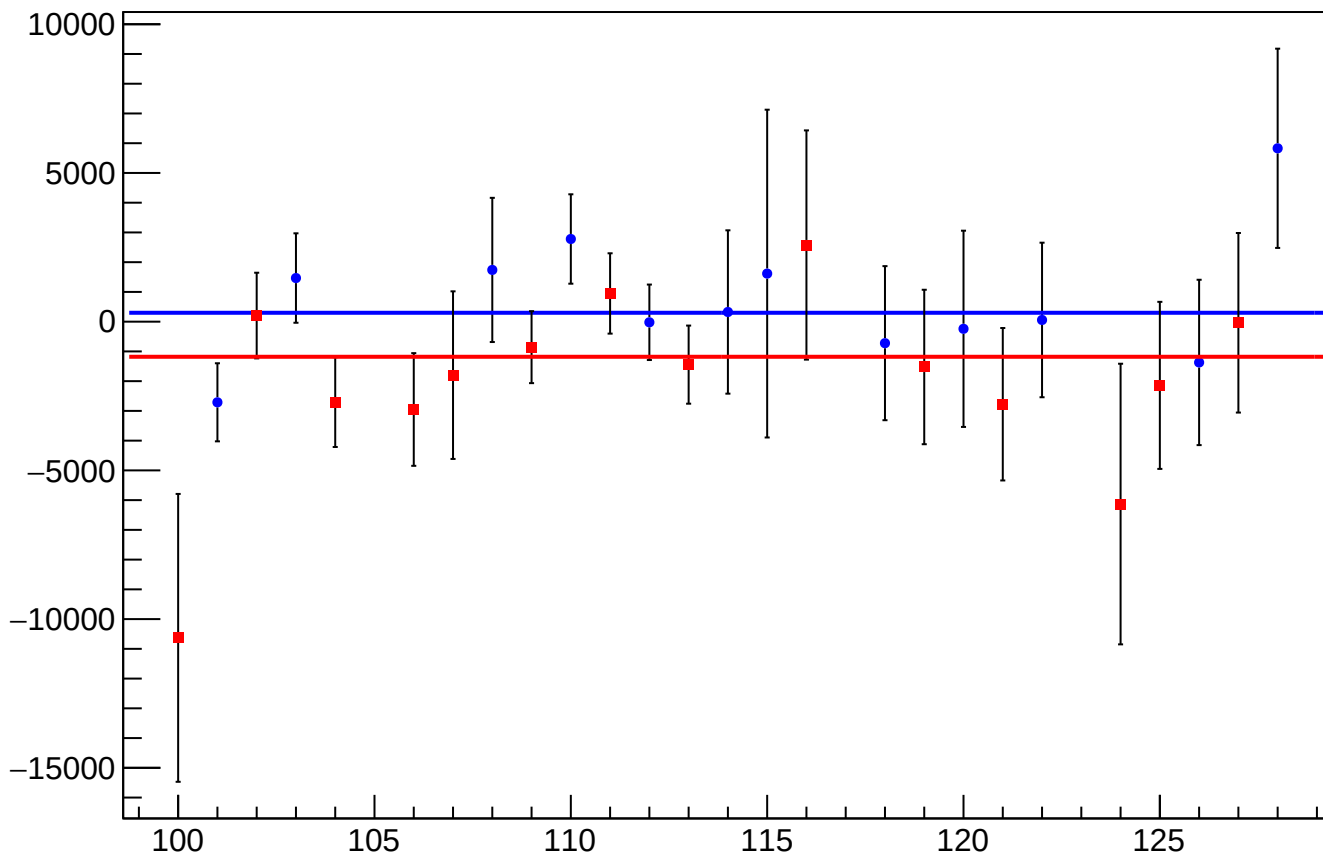
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.060+/-0.029 χ^2/NDF : 762778.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_cor_correction_mean vs Slug



Right In: 299.087+/-574.435 χ^2/NDF : 12.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1180.195+/-511.038 χ^2/NDF : 12.0/13

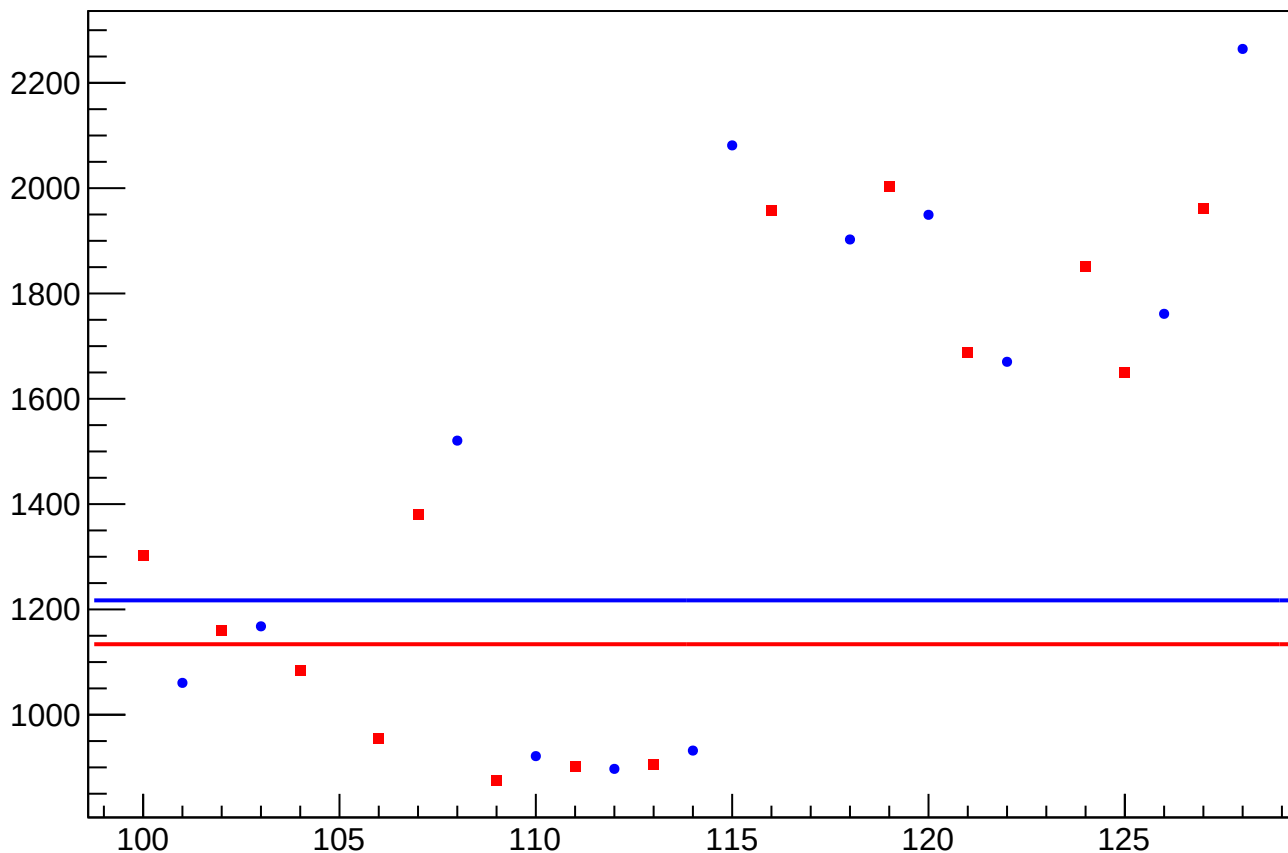
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -526.658+/-381.813 χ^2/NDF : 28.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_cor_correction_rms vs Slug



Right In: 1217.191+/-0.406 χ^2/NDF : 909038.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1133.906+/-0.361 χ^2/NDF : 922937.1/13

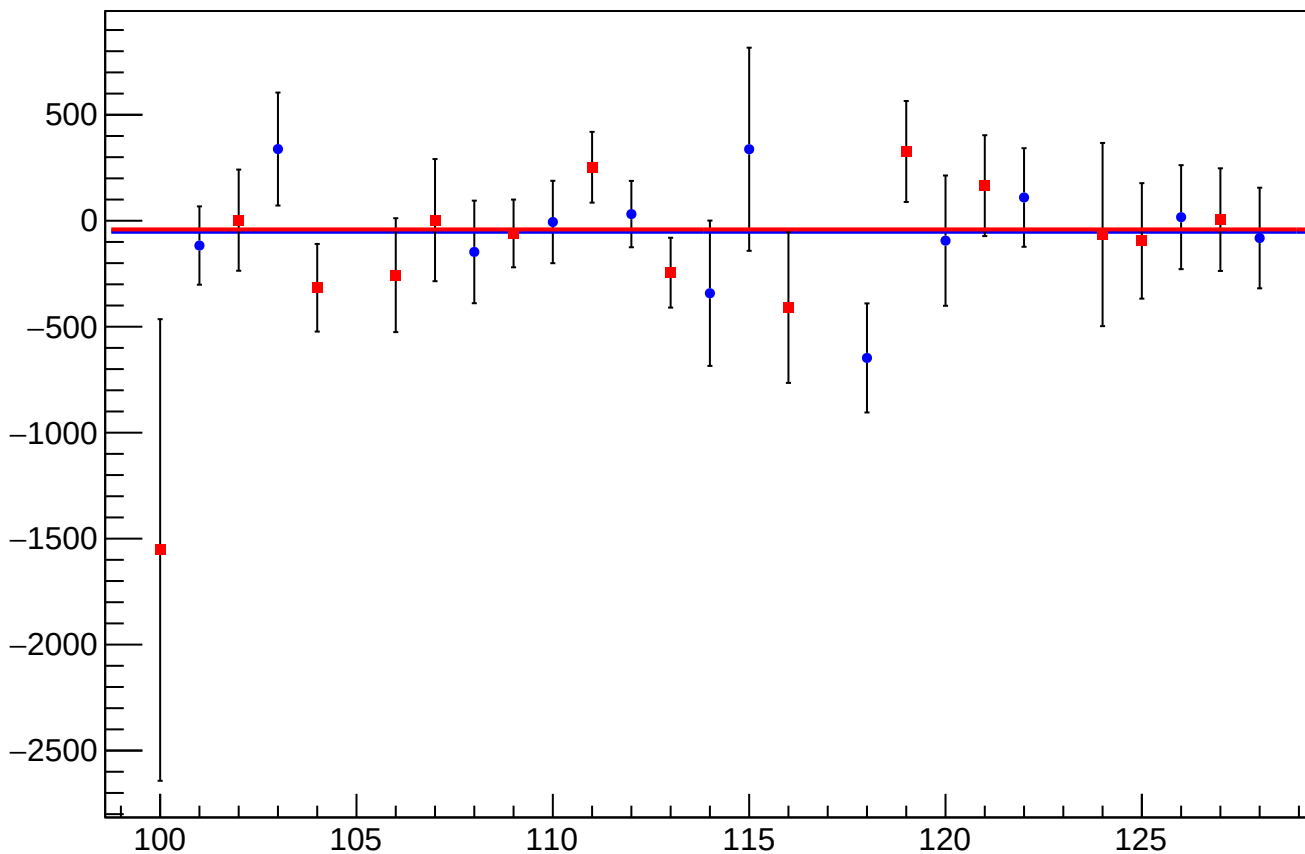
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1170.701+/-0.270 χ^2/NDF : 1855443.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_avg_mean vs Slug



Right In: -52.001 $\pm$ 67.565 χ^2 /NDF: 10.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -40.885 $\pm$ 62.195 χ^2 /NDF: 13.3/13

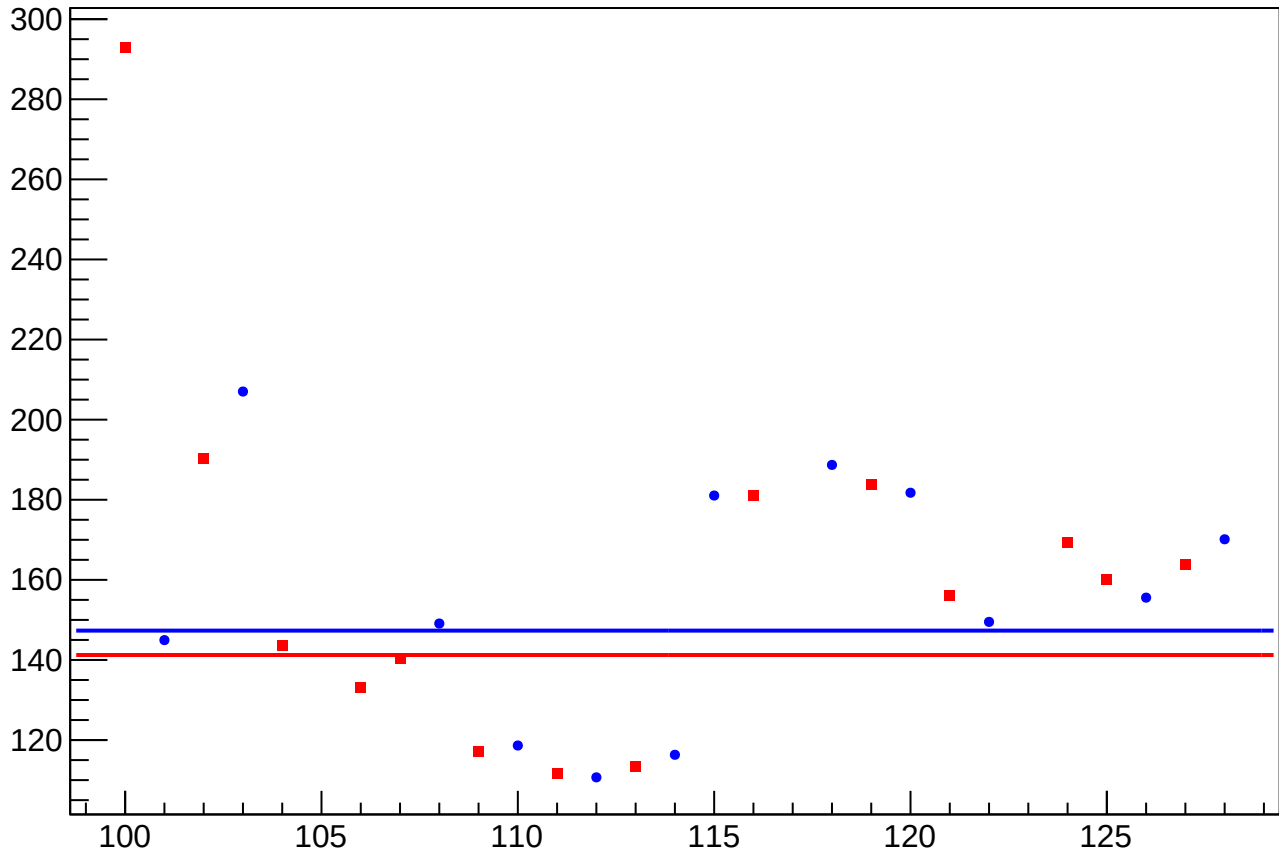
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -45.984 $\pm$ 45.759 χ^2 /NDF: 23.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_48_avg_rms vs Slug



Right In: 147.329 $\pm$ 0.048 χ^2 /NDF: 377776.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 141.237 $\pm$ 0.044 χ^2 /NDF: 423196.5/13

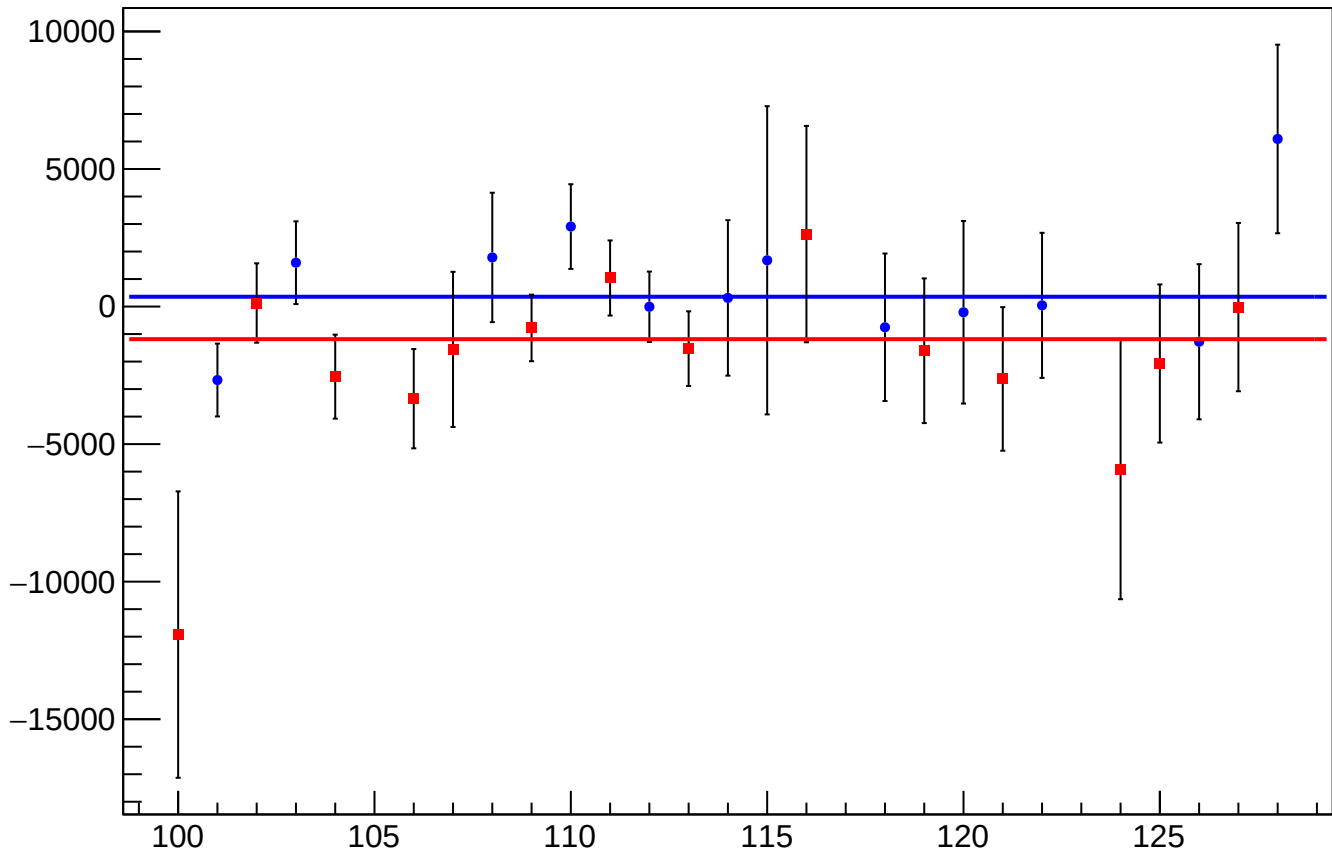
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 144.031 $\pm$ 0.032 χ^2 /NDF: 809775.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_dit_correction_mean vs Slug



Right In: 356.710+/-580.426 χ^2/NDF : 12.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1185.061+/-514.852 χ^2/NDF : 12.7/13

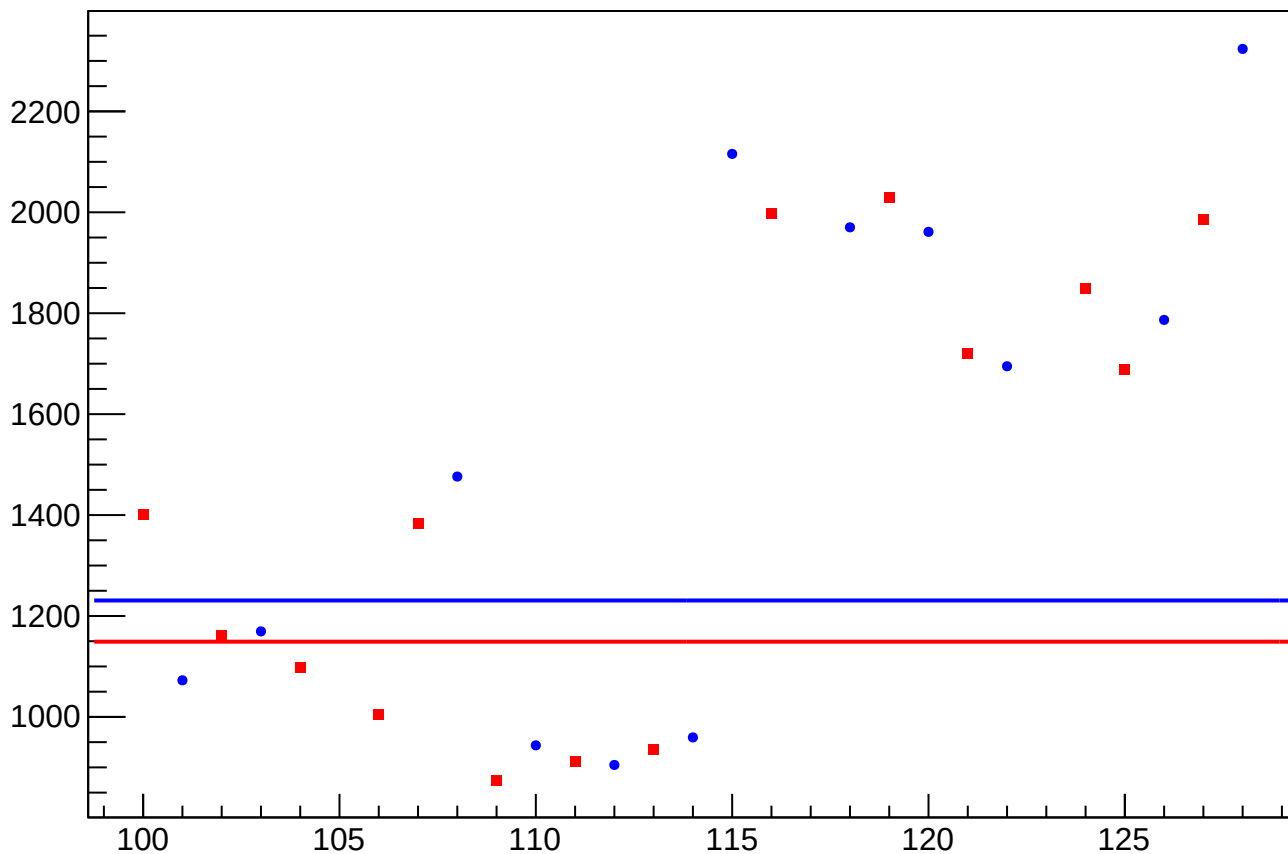
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -506.151+/-385.161 χ^2/NDF : 29.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_dit_correction_rms vs Slug



Right In: 1230.742+/-0.410 χ^2/NDF : 913602.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1149.102+/-0.364 χ^2/NDF : 923861.9/13

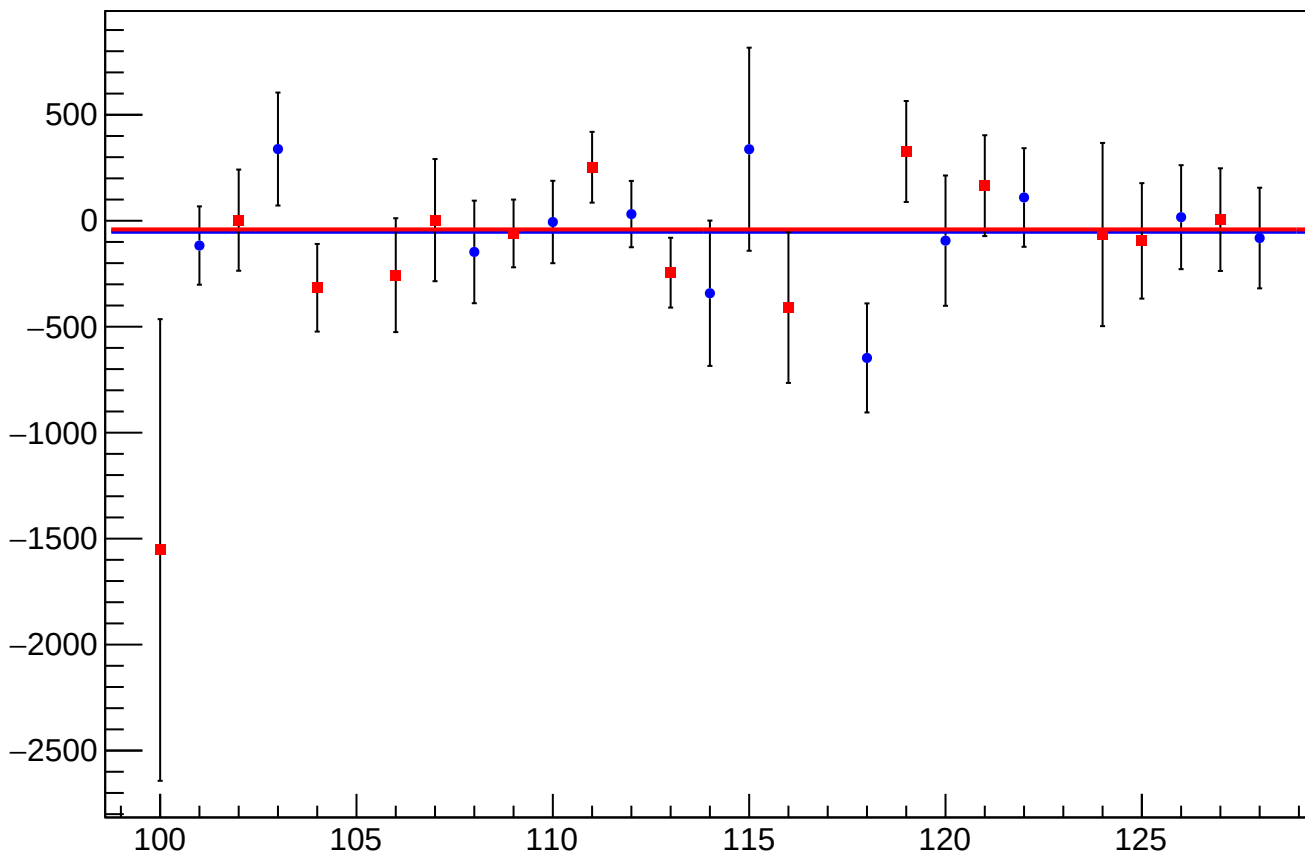
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1185.052+/-0.272 χ^2/NDF : 1859607.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_48_avg_mean vs Slug



Right In: -52.002 $\pm$ 67.565 χ^2 /NDF: 10.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -40.884 $\pm$ 62.195 χ^2 /NDF: 13.3/13

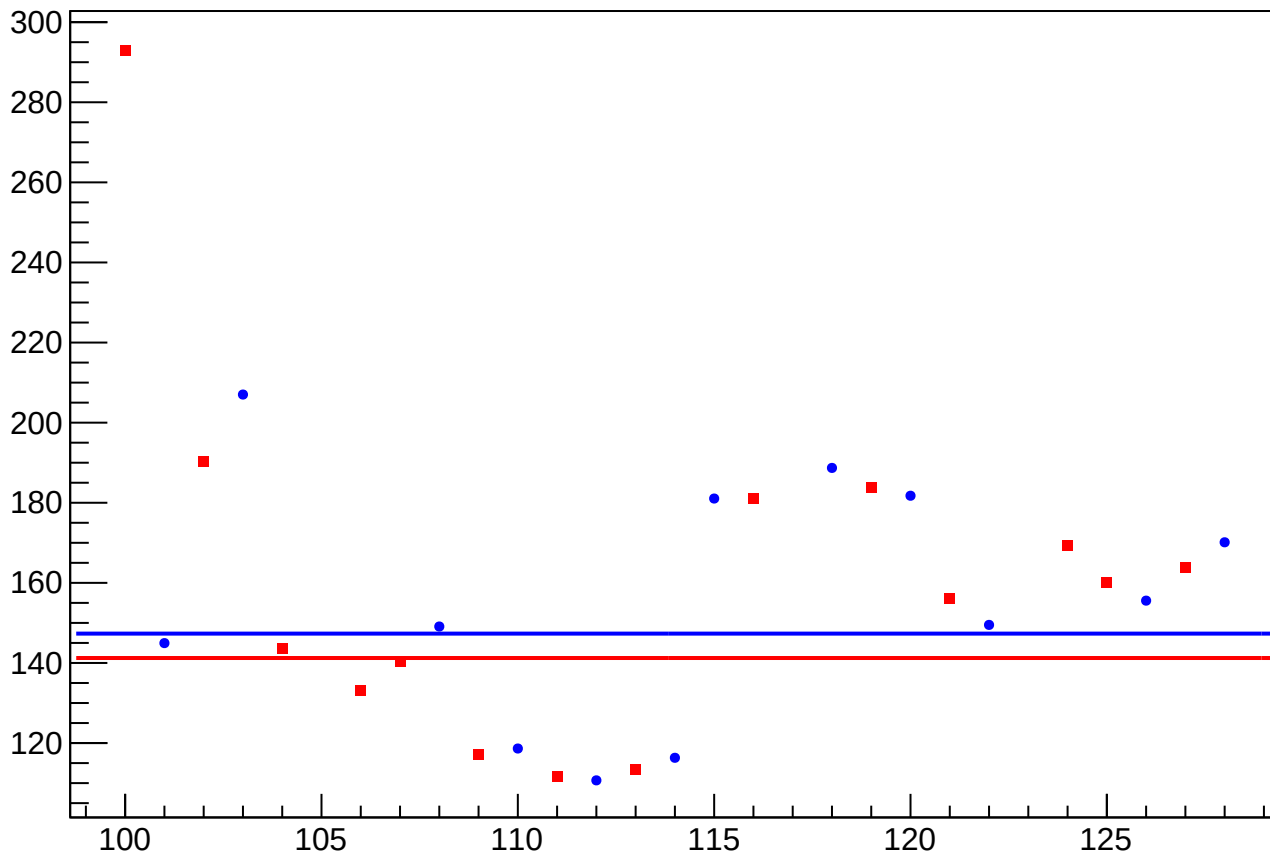
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -45.984 $\pm$ 45.759 χ^2 /NDF: 23.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_48_avg_rms vs Slug



Right In: 147.329+/-0.048 χ^2/NDF : 377779.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

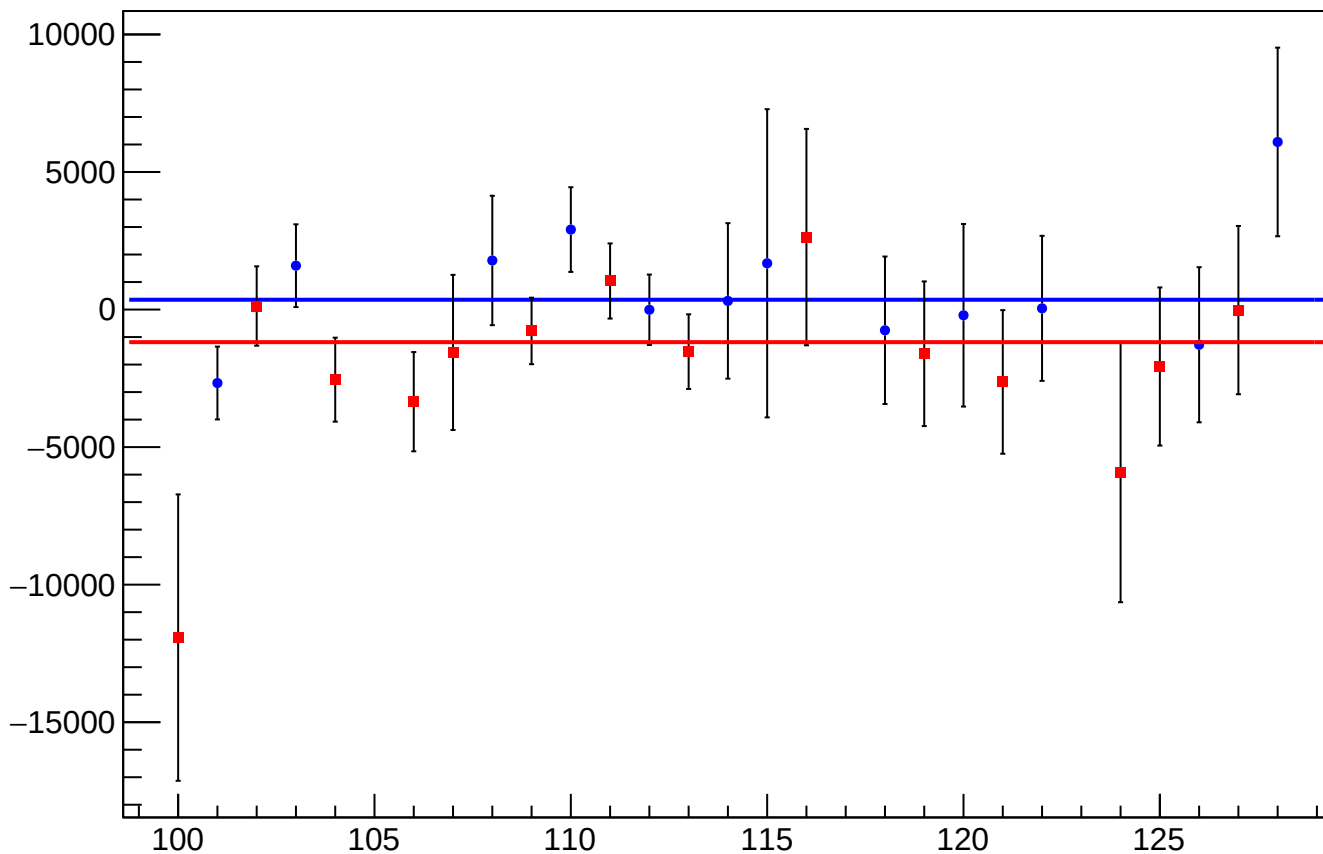
Right Out: 141.237+/-0.044 χ^2/NDF : 423197.8/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.031+/-0.032 χ^2/NDF : 809780.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_dit_correction_mean vs Slug



Right In: 356.709+/-580.425 χ^2/NDF : 12.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1185.060+/-514.851 χ^2/NDF : 12.7/13

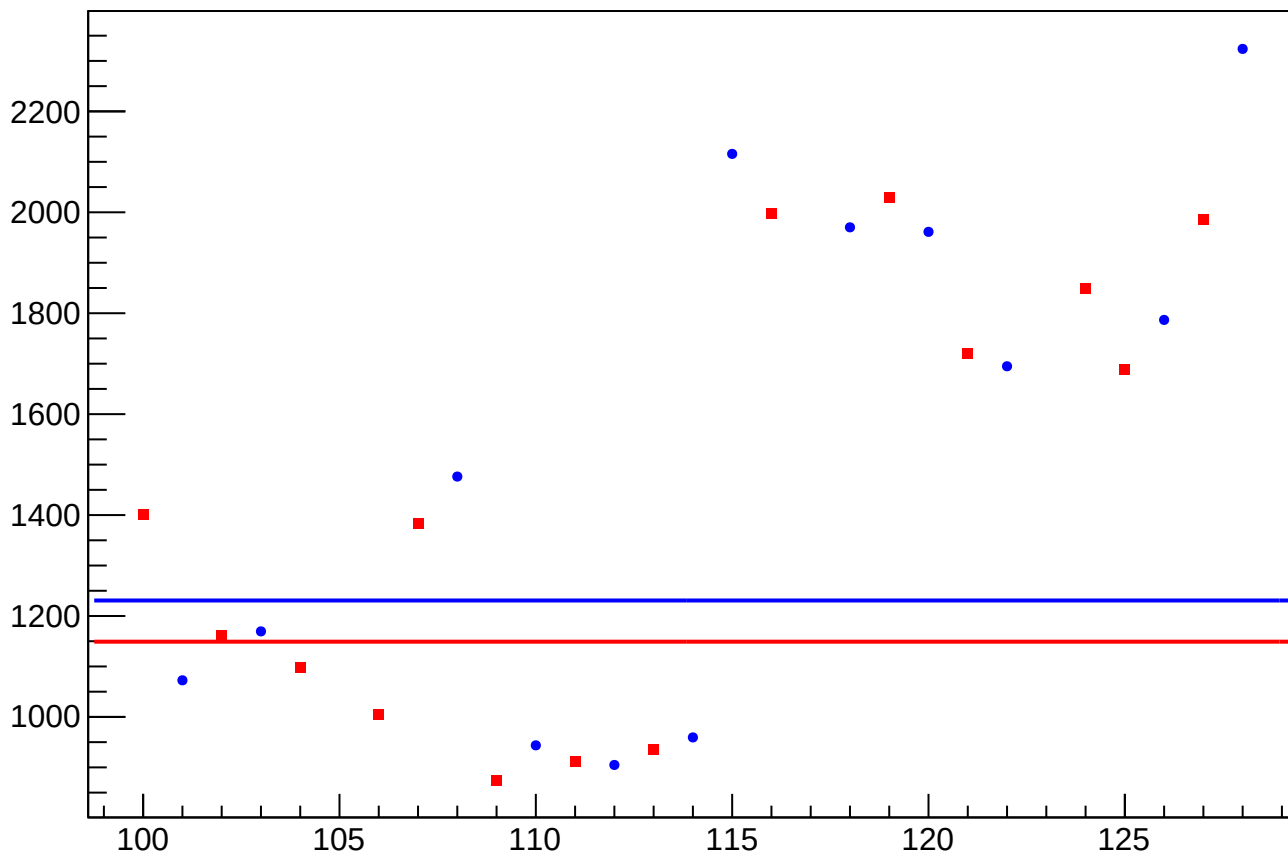
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -506.151+/-385.161 χ^2/NDF : 29.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_dit_correction_rms vs Slug



Right In: 1230.740+/-0.410 χ^2/NDF : 913605.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

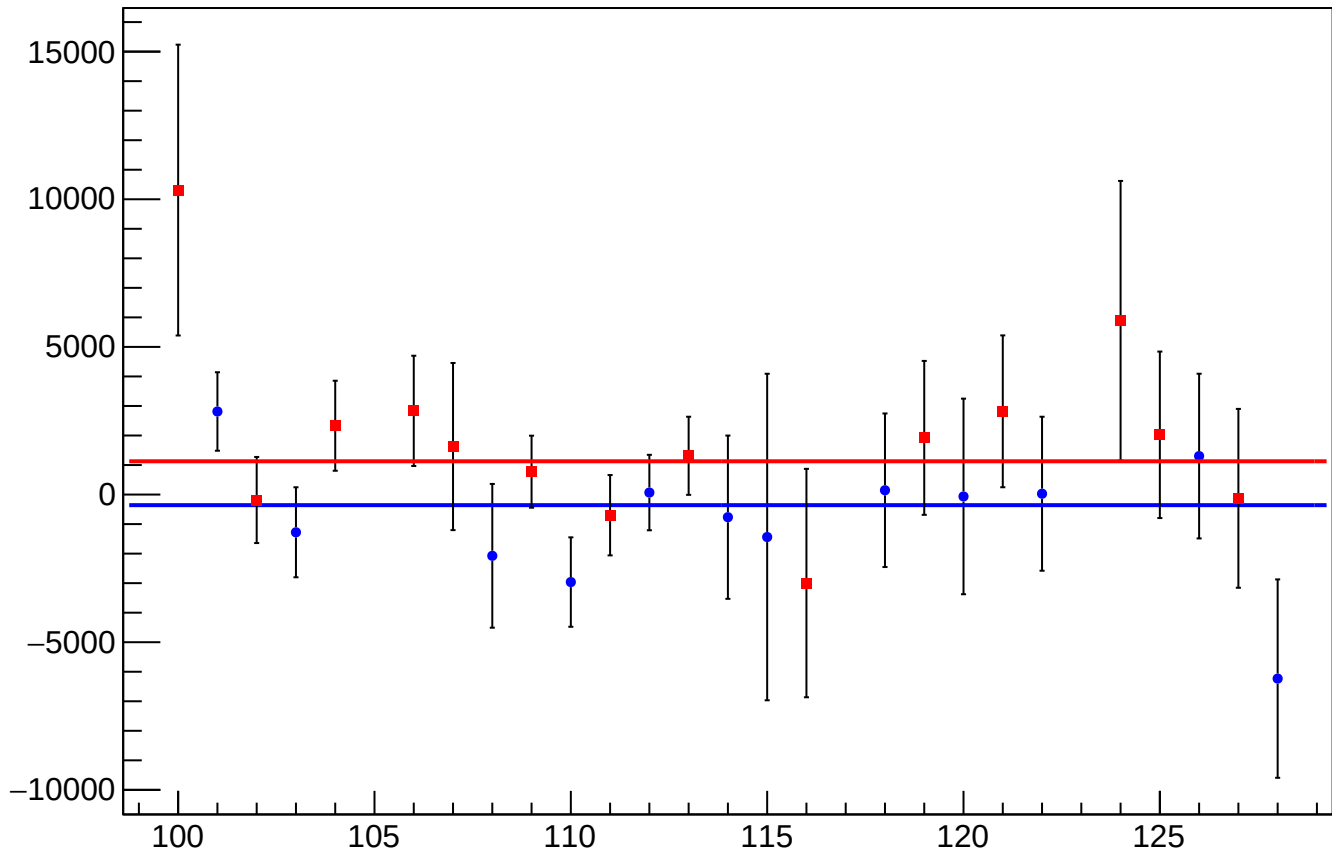
Right Out: 1149.101+/-0.364 χ^2/NDF : 923864.2/13

All: 1185.051+/-0.272 χ^2/NDF : 1859613.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_mean vs Slug



Right In: -358.666+/-579.189 χ^2/NDF : 13.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1126.787+/-514.110 χ^2/NDF : 10.6/13

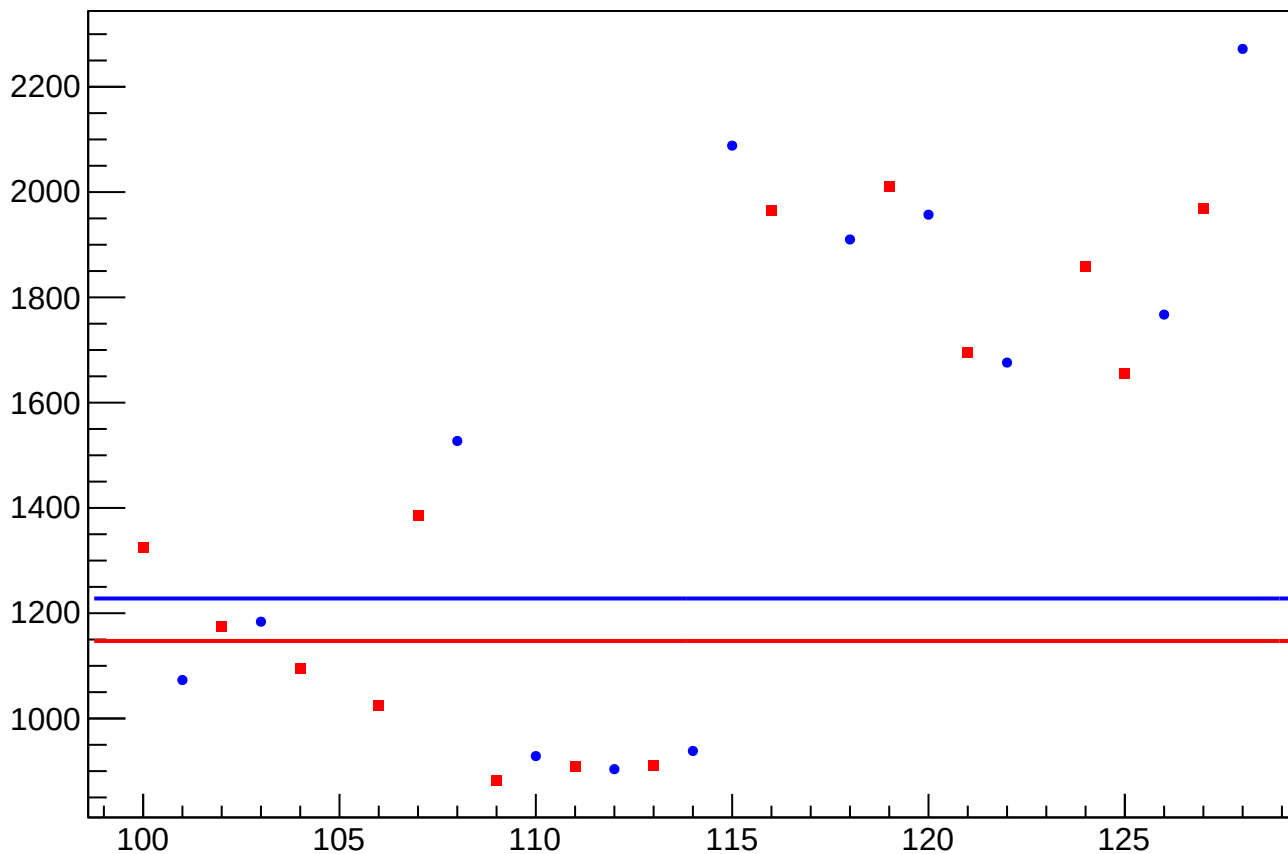
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 472.169+/-384.489 χ^2/NDF : 27.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_rms vs Slug



Right In: 1227.964+/-0.410 χ^2/NDF : 897988.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

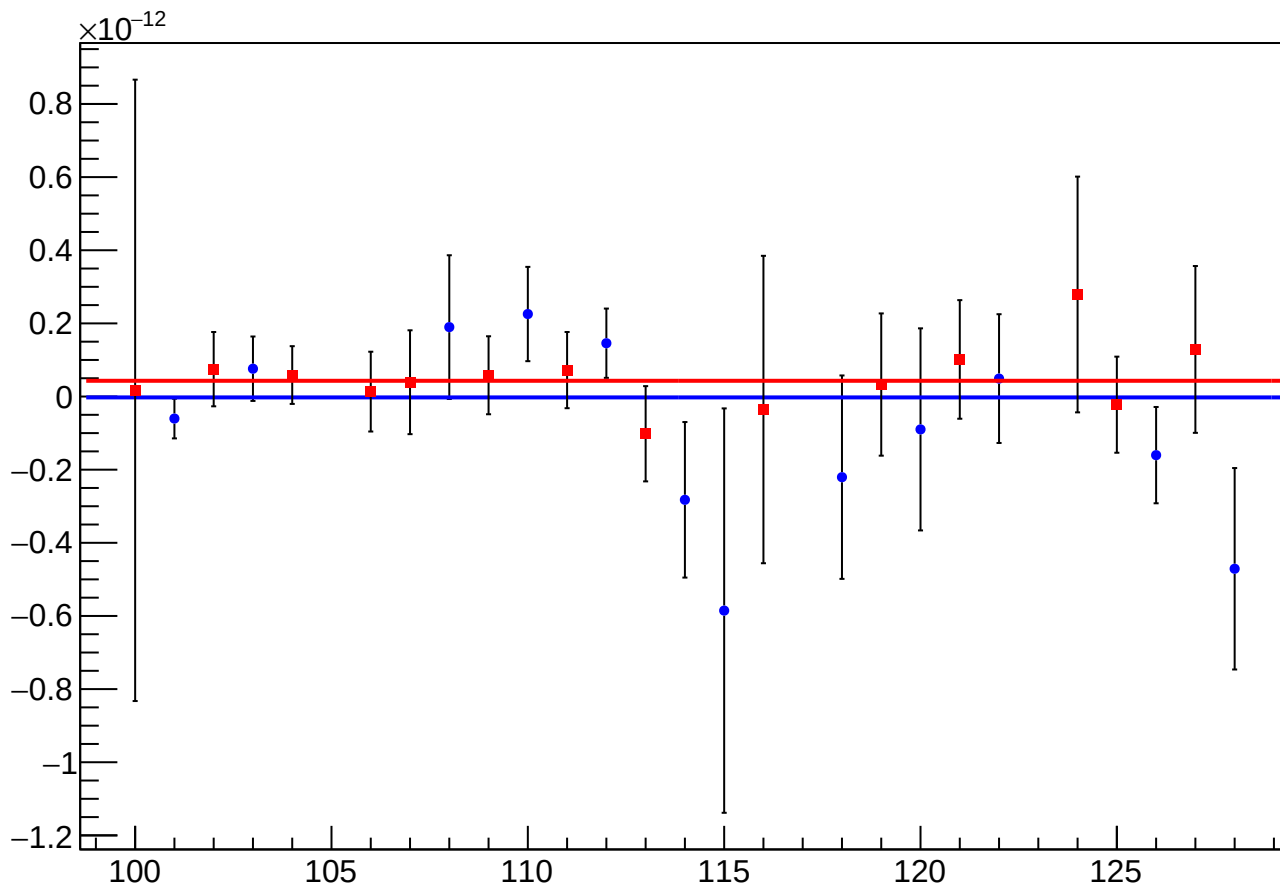
Right Out: 1147.249+/-0.364 χ^2/NDF : 904873.8/13

All: 1182.819+/-0.272 χ^2/NDF : 1824587.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 16.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.6/13

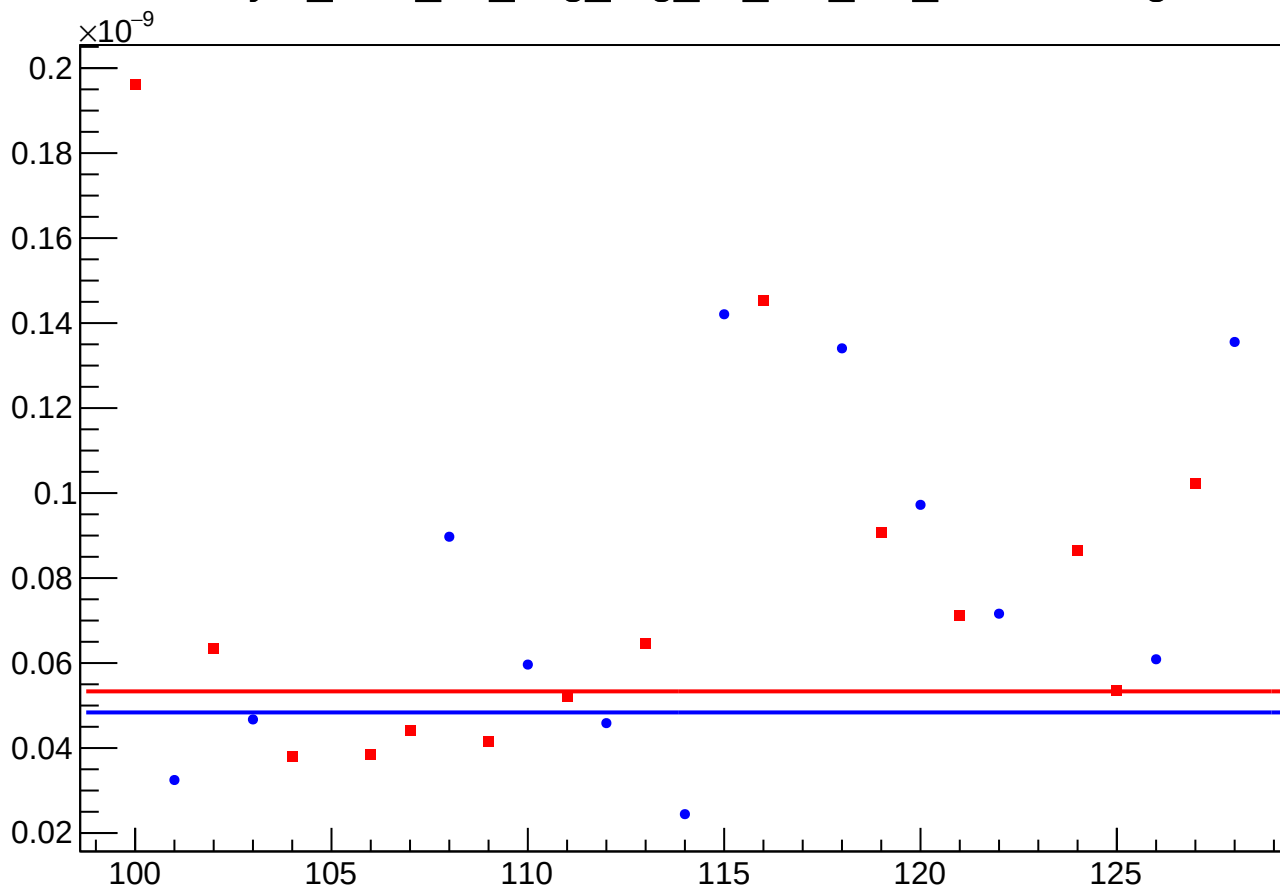
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.9/25

- 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 $\pm$ 0.000 χ^2 /NDF: 866100.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 543557.7/13

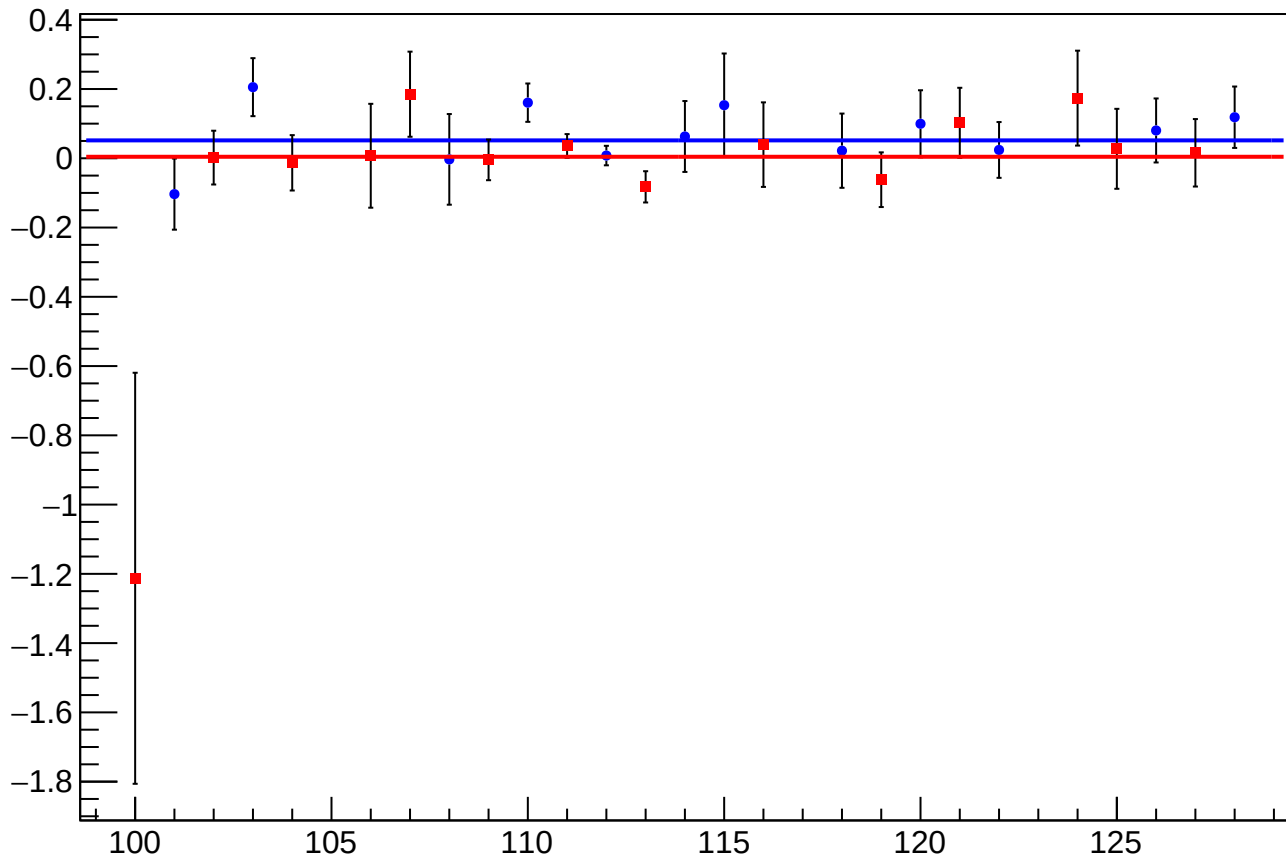
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1429400.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.052 $\pm$ 0.020 χ^2 /NDF: 13.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.020 χ^2 /NDF: 14.3/13

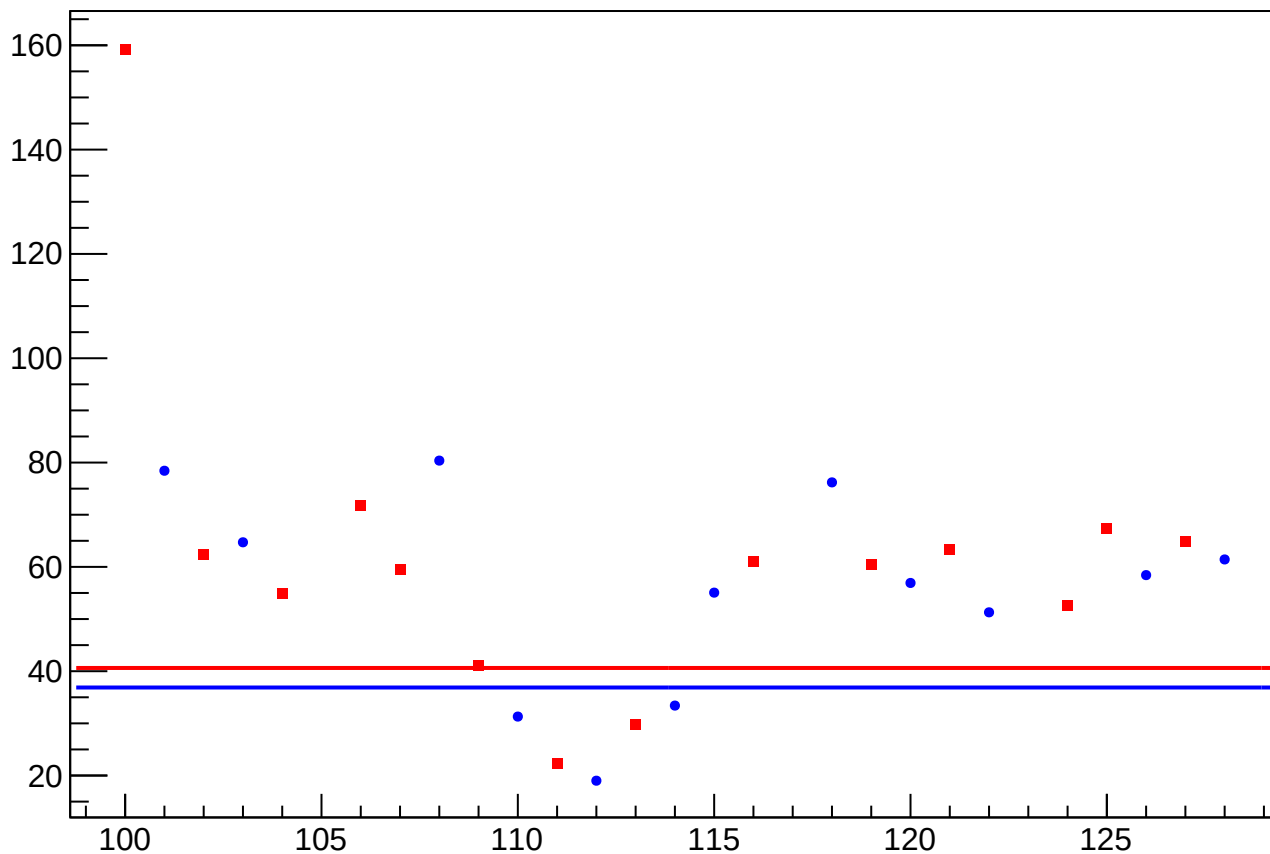
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.028 $\pm$ 0.014 χ^2 /NDF: 30.9/25

- 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: 36.876+/-0.014 χ^2/NDF : 2308228.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.621+/-0.014 χ^2/NDF : 1652358.9/13

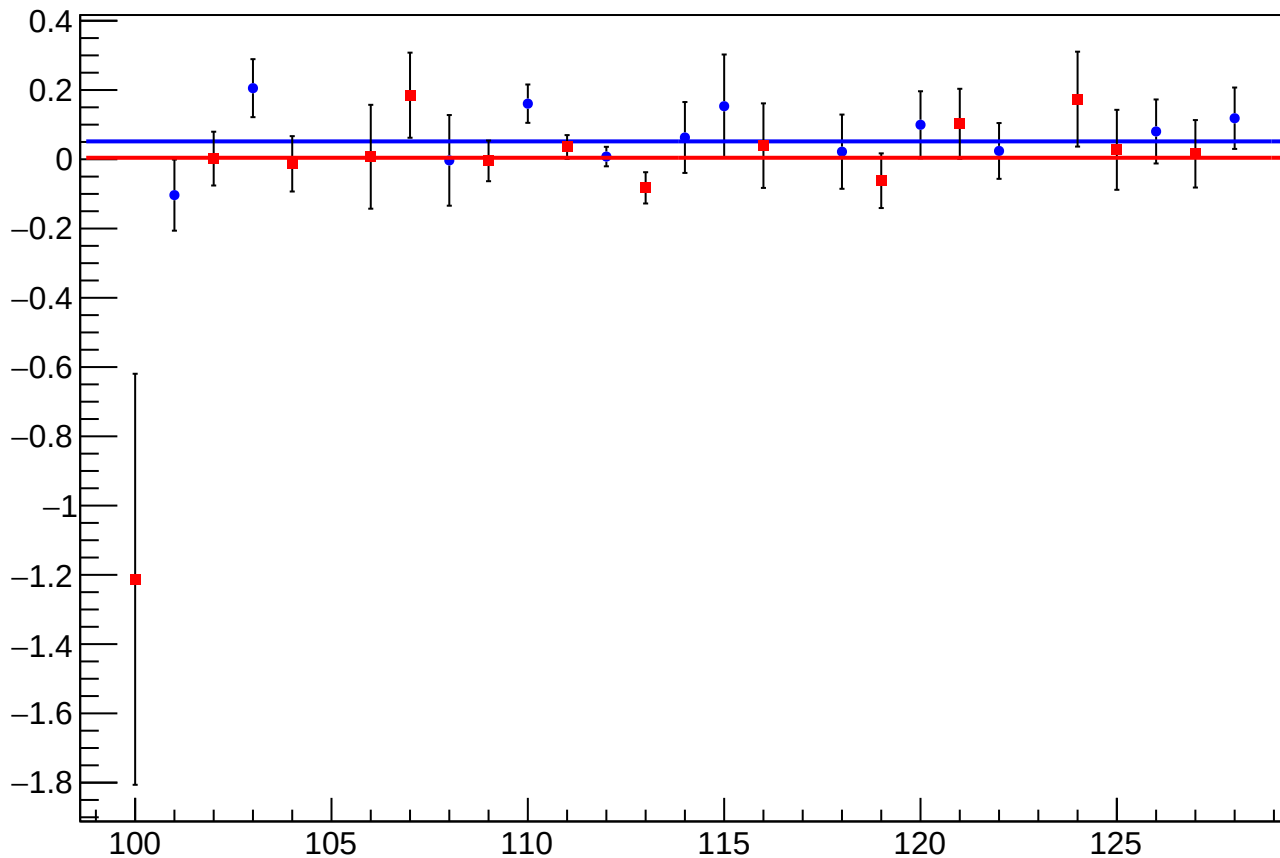
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.752+/-0.010 χ^2/NDF : 3997354.1/25

- 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: 0.052 $\pm$ 0.020 χ^2 /NDF: 13.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.020 χ^2 /NDF: 14.3/13

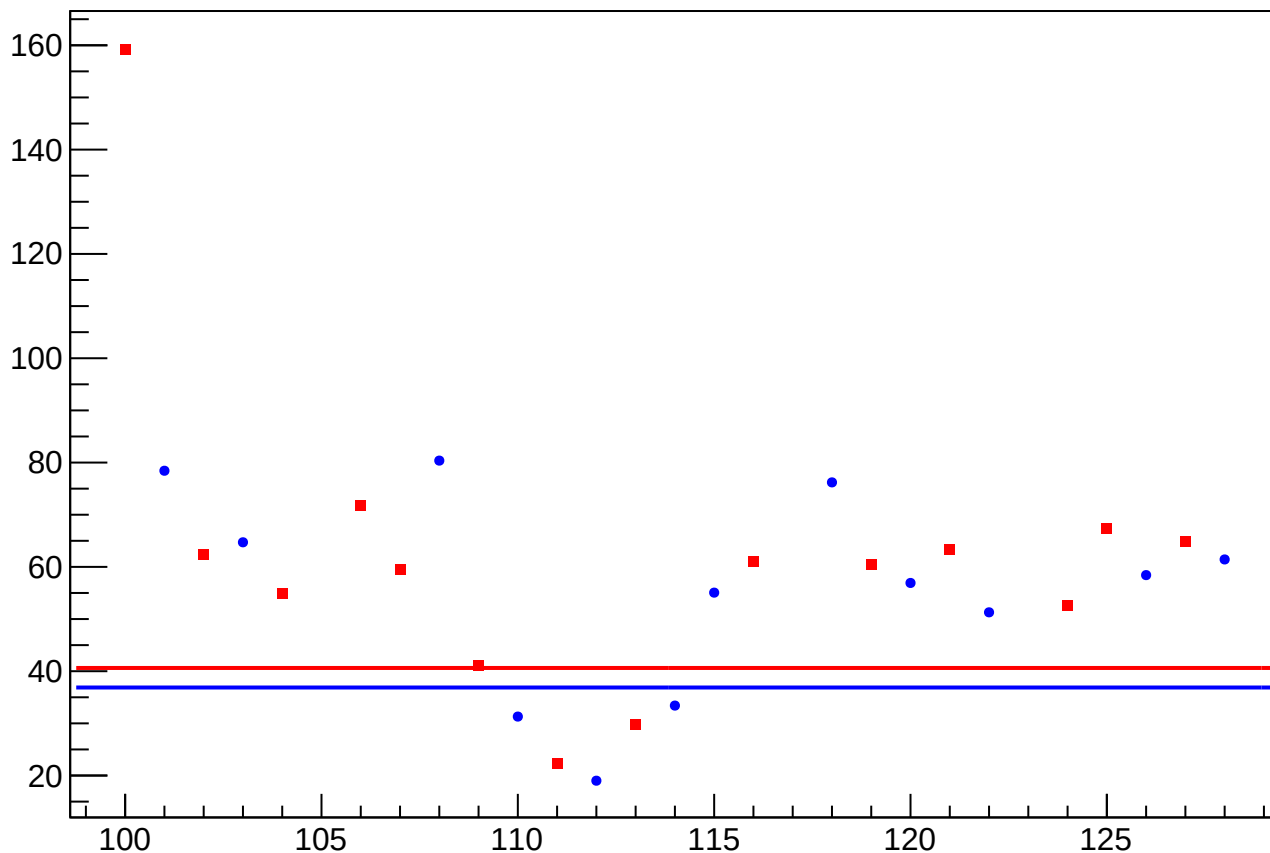
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.028 $\pm$ 0.014 χ^2 /NDF: 30.9/25

- 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: 36.876 $\pm$ 0.014 χ^2 /NDF: 2308228.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 40.621 $\pm$ 0.014 χ^2 /NDF: 1652358.9/13

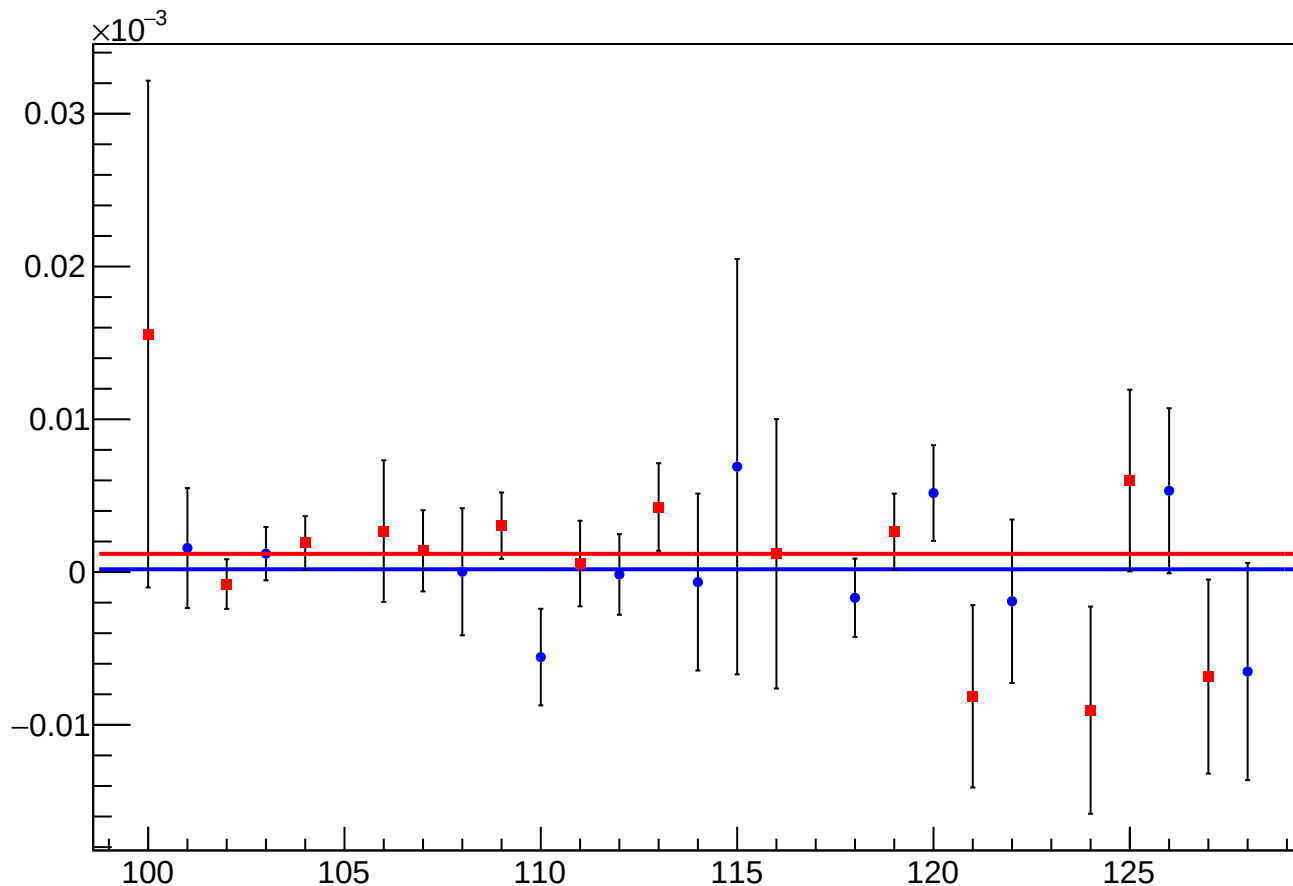
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 38.752 $\pm$ 0.010 χ^2 /NDF: 3997354.1/25

- sign 0.000 $\pm$ 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: 9.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.7/13

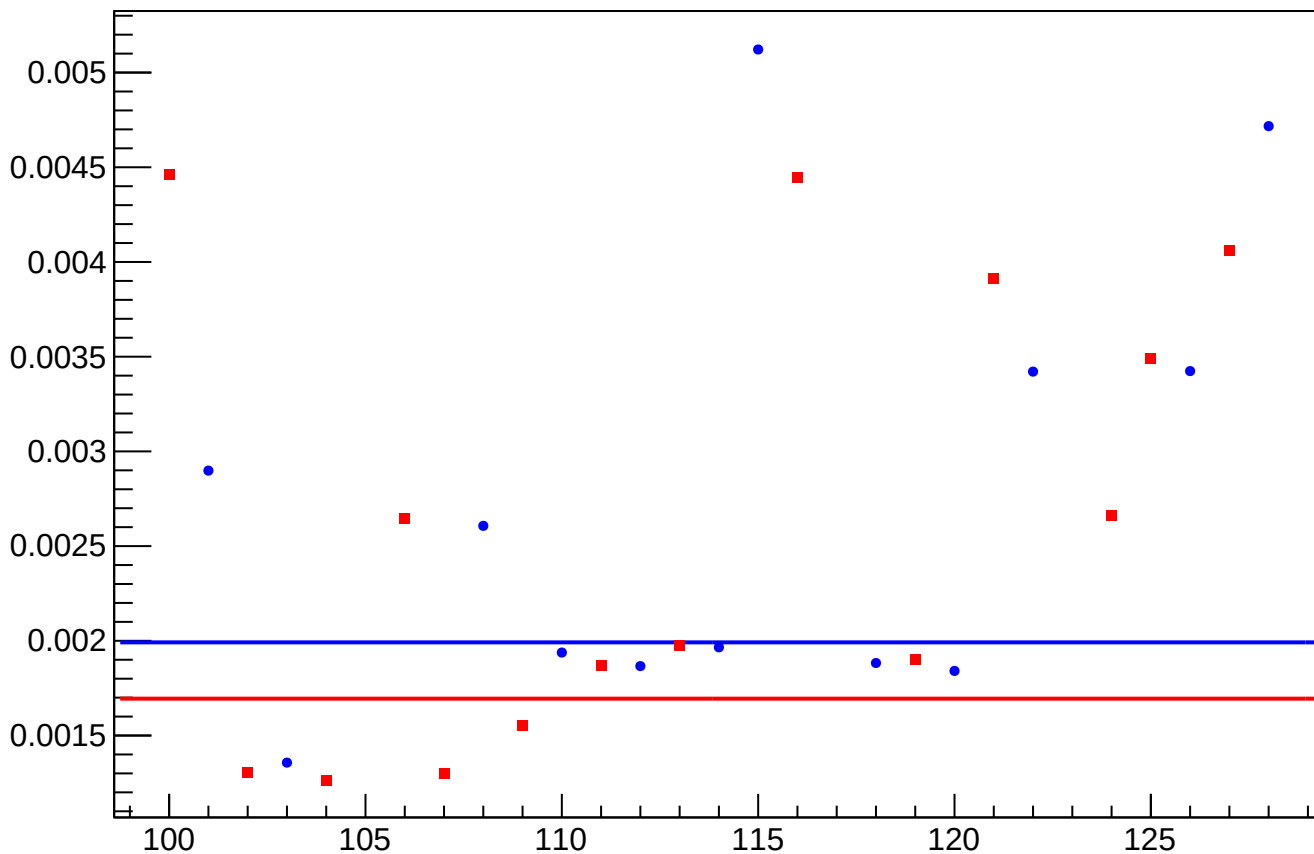
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 21.5/25

- 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 : 1111967.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1439765.5/13

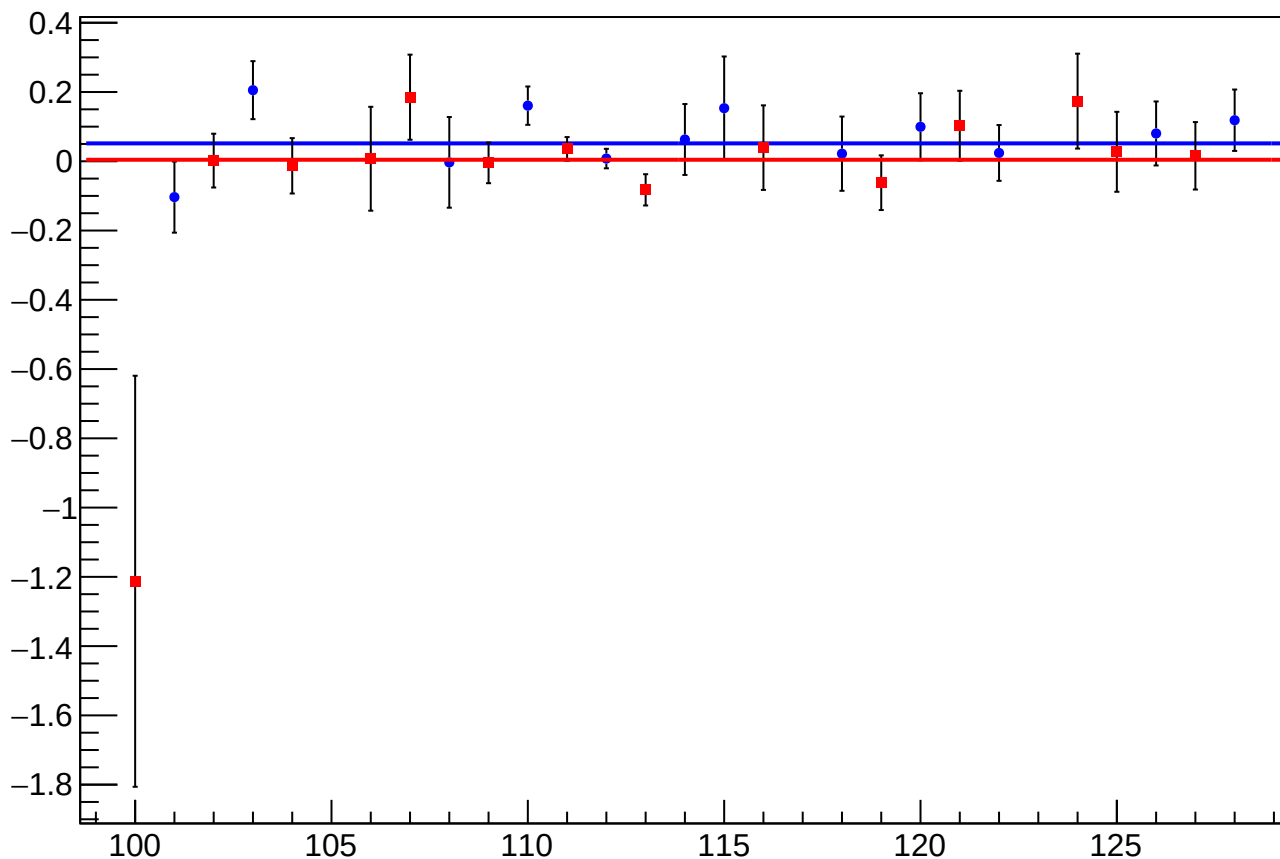
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2665967.1/25

- 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: 0.052 $\pm$ 0.020 χ^2 /NDF: 13.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.020 χ^2 /NDF: 14.3/13

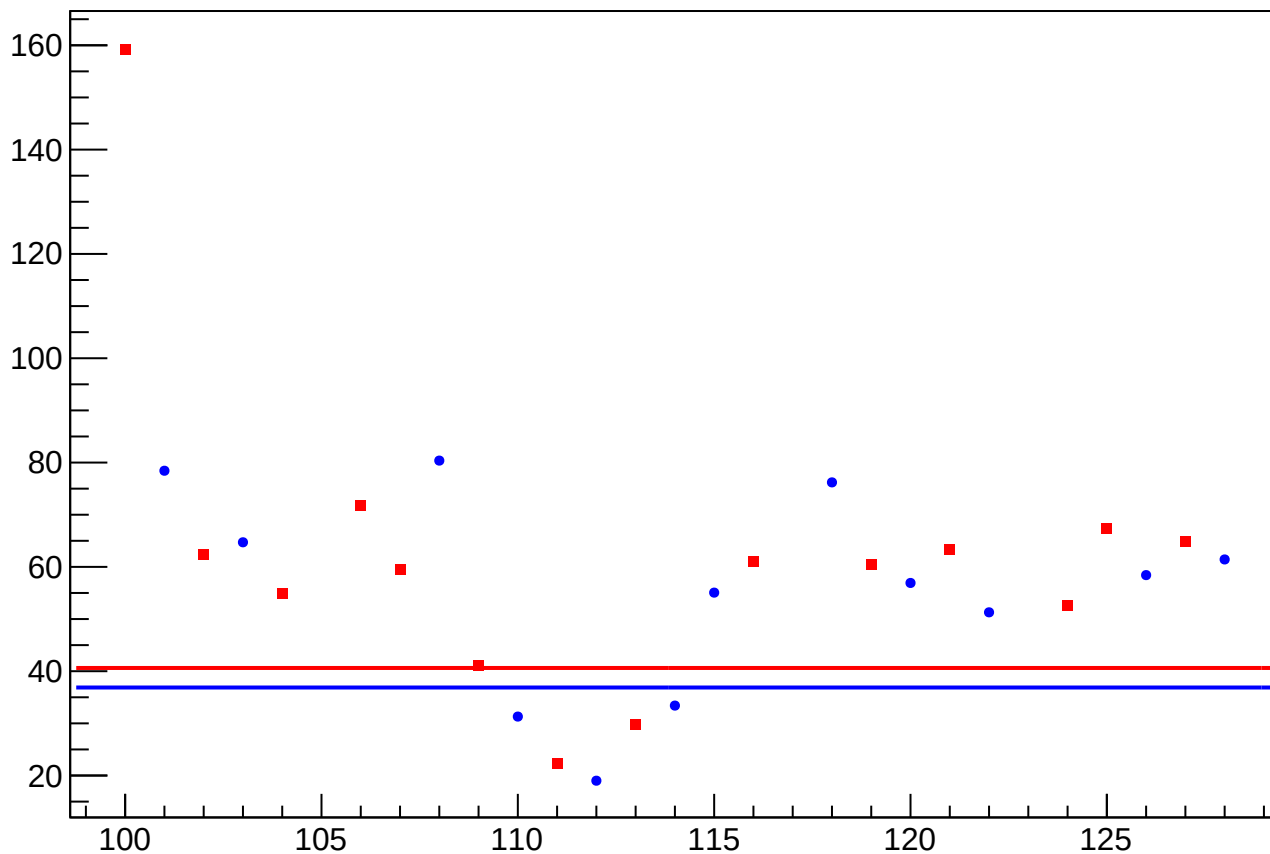
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.028 $\pm$ 0.014 χ^2 /NDF: 30.9/25

- 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: 36.875+/-0.014 χ^2/NDF : 2308352.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.620+/-0.014 χ^2/NDF : 1652481.5/13

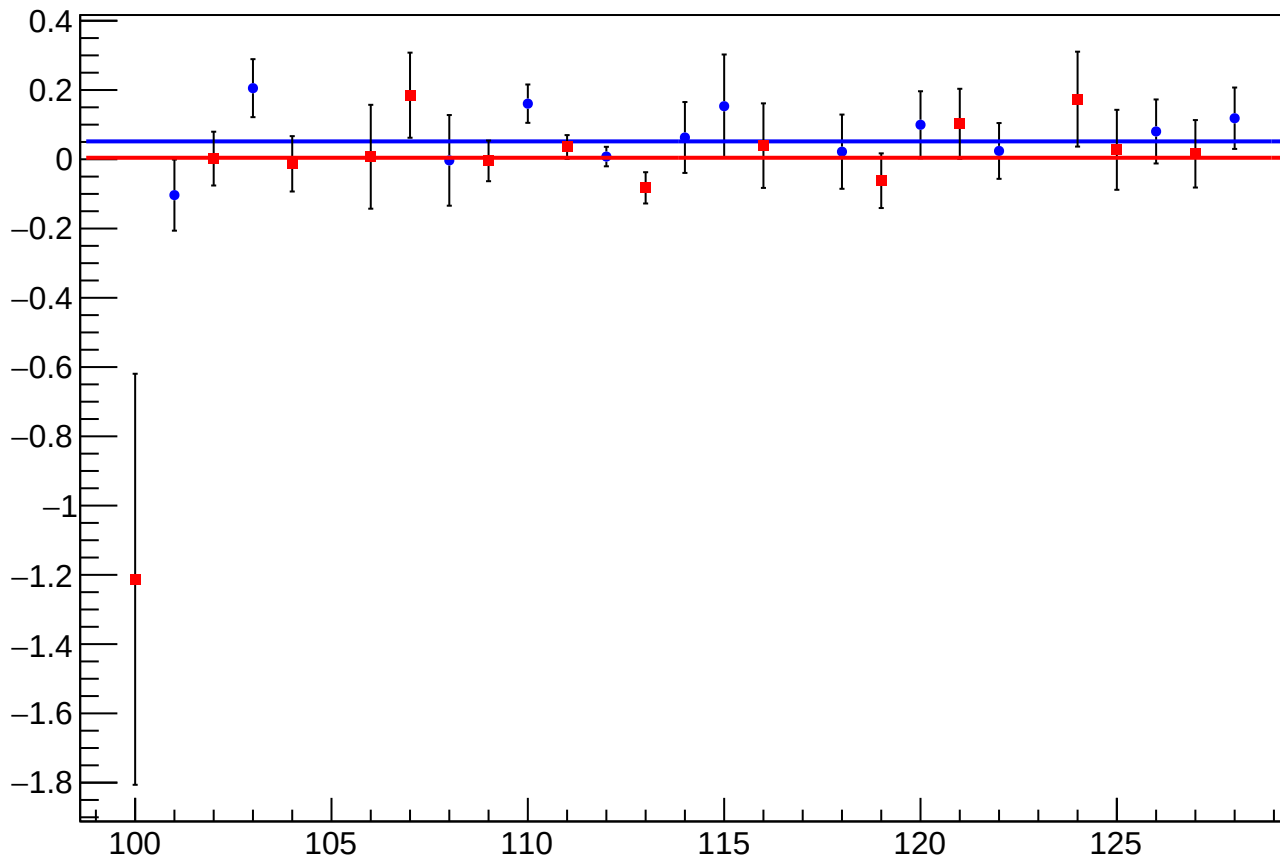
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.751+/-0.010 χ^2/NDF : 3997601.2/25

- 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: 0.052 $\pm$ 0.020 χ^2 /NDF: 13.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.020 χ^2 /NDF: 14.3/13

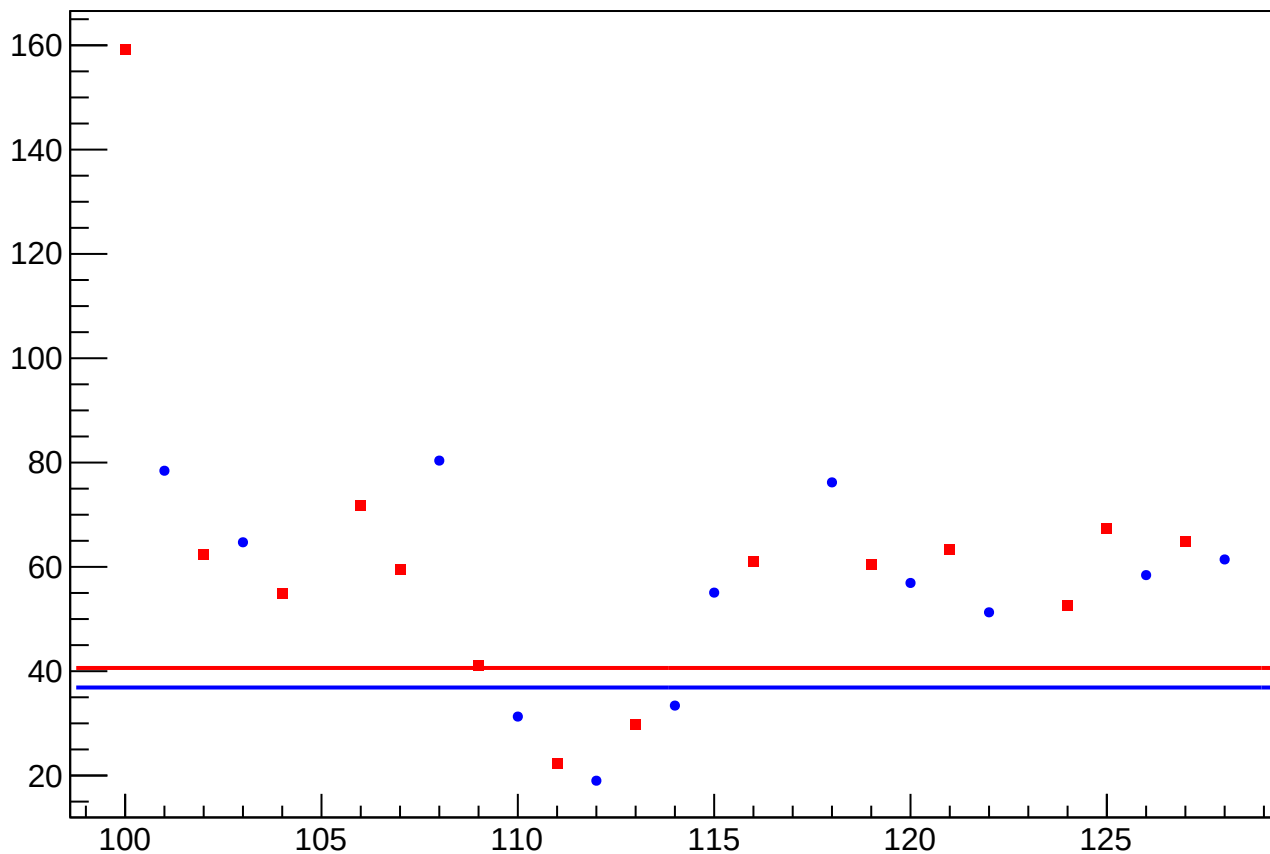
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.028 $\pm$ 0.014 χ^2 /NDF: 30.9/25

- 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: 36.875+/-0.014 χ^2/NDF : 2308352.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.620+/-0.014 χ^2/NDF : 1652481.5/13

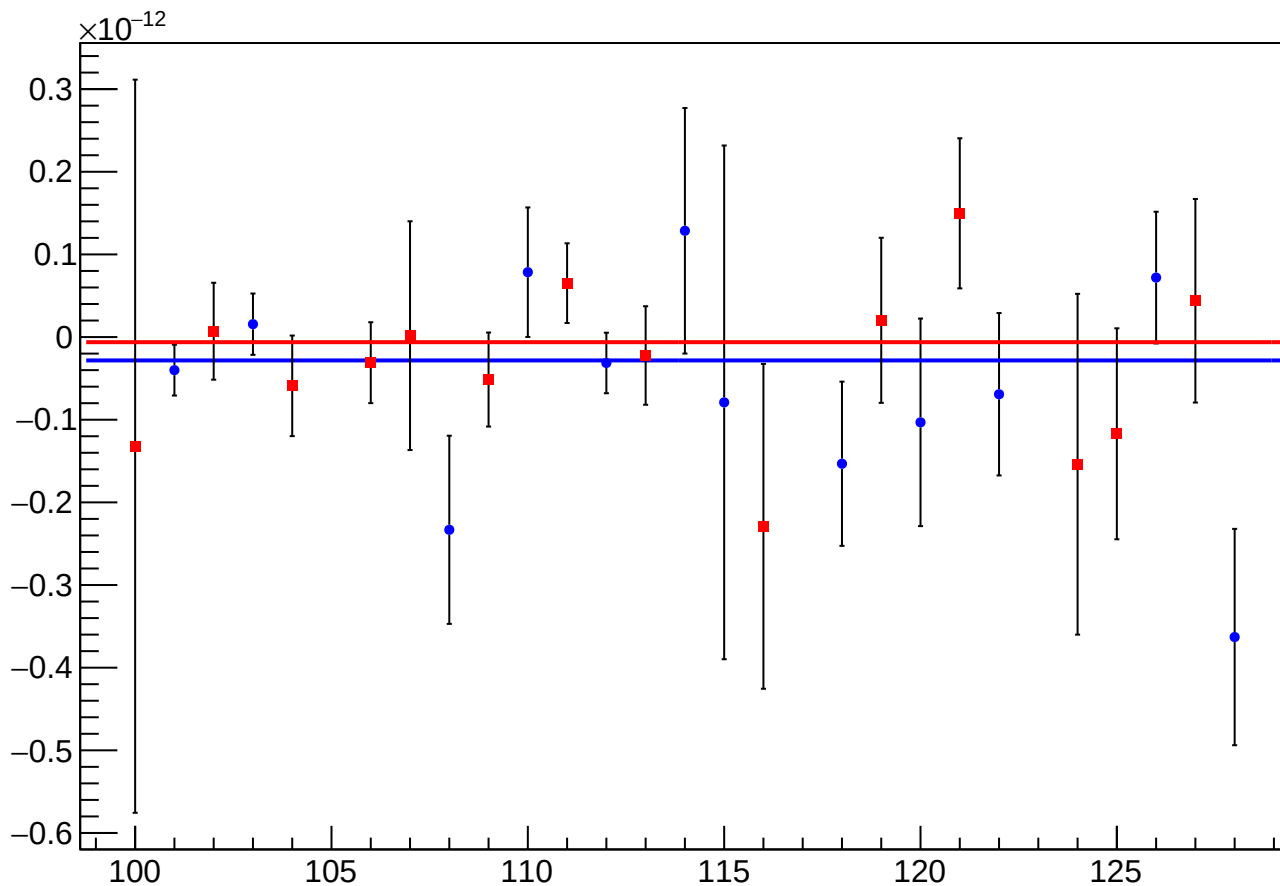
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.751+/-0.010 χ^2/NDF : 3997601.2/25

- 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: 18.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 9.8/13

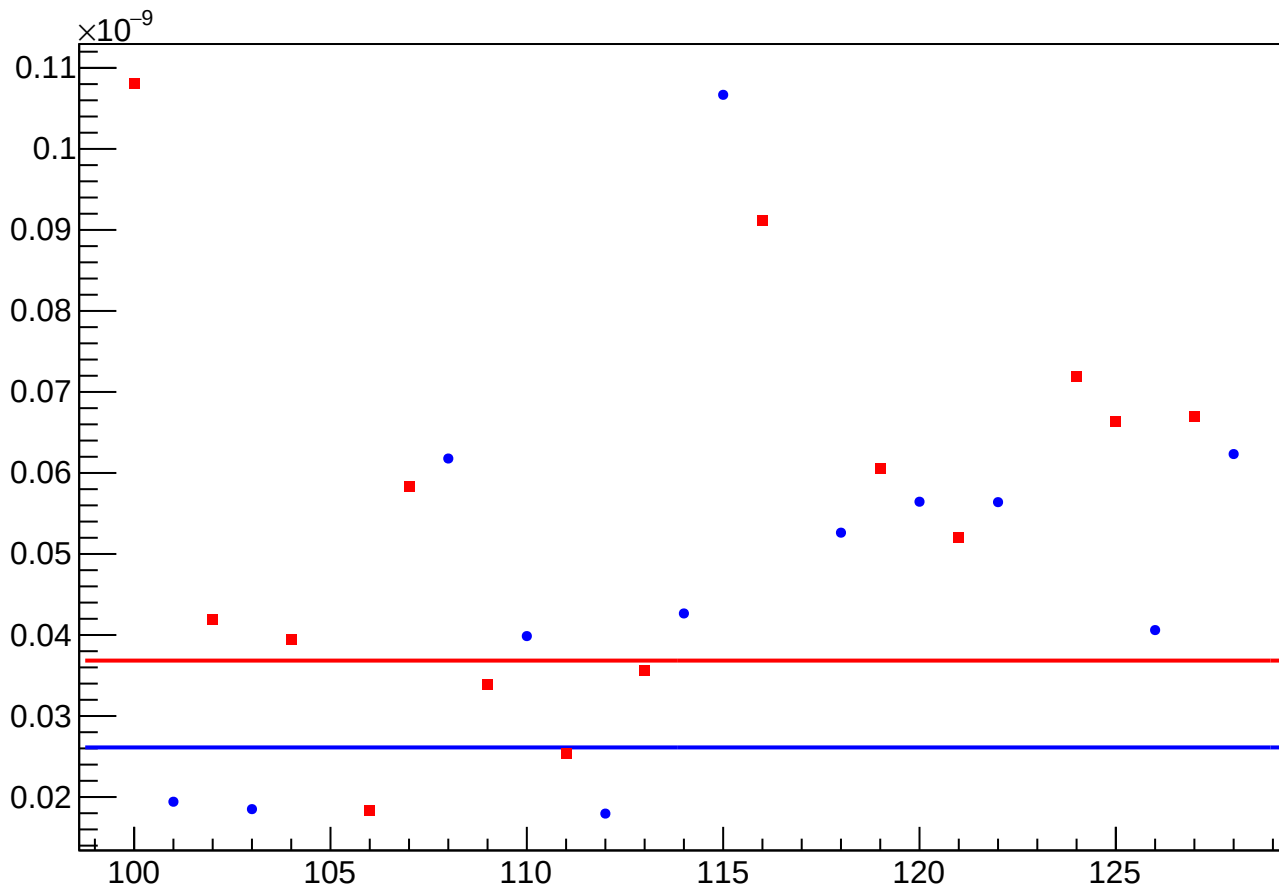
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 28.5/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1364134.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1130898.2/13

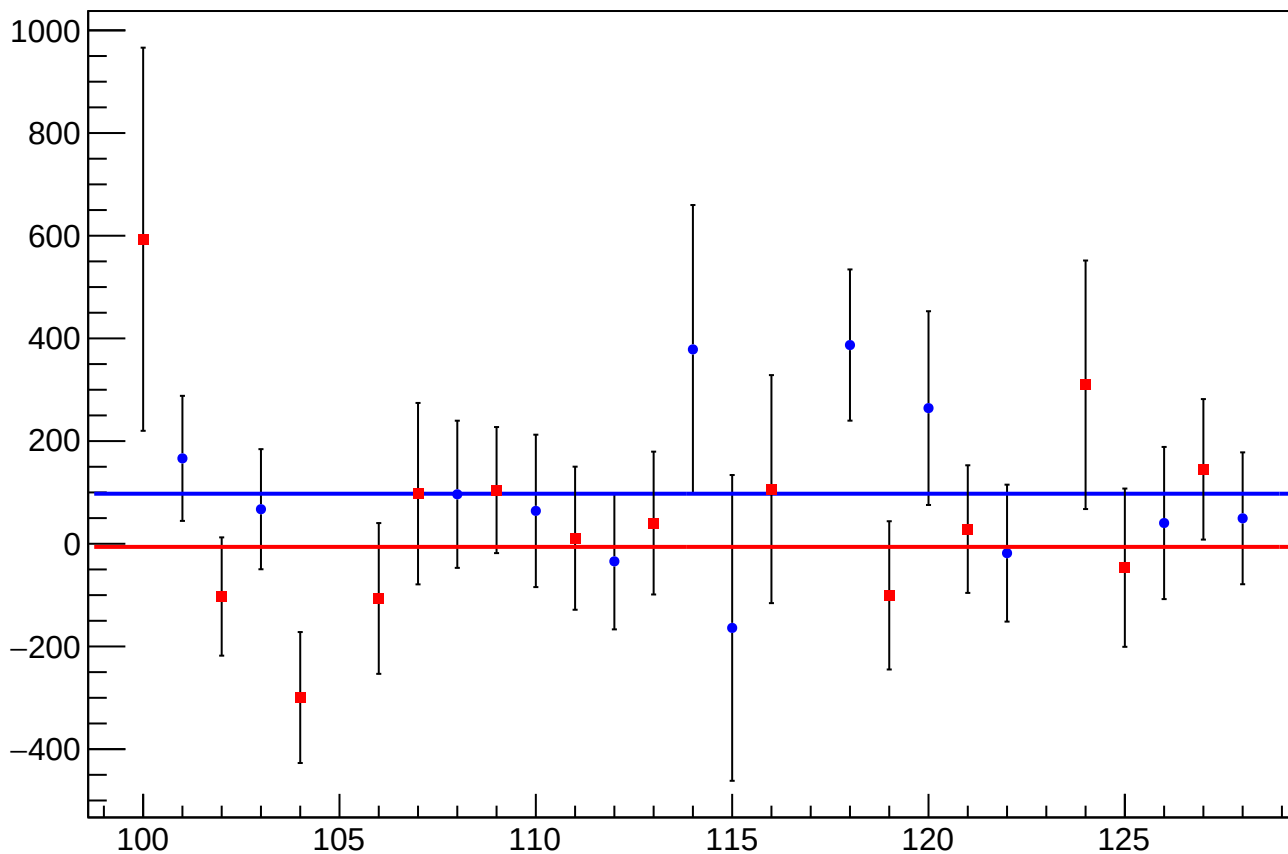
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2818894.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_mean vs Slug



Right In: 97.499+/-42.560 χ^2/NDF : 8.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.057+/-39.605 χ^2/NDF : 14.1/13

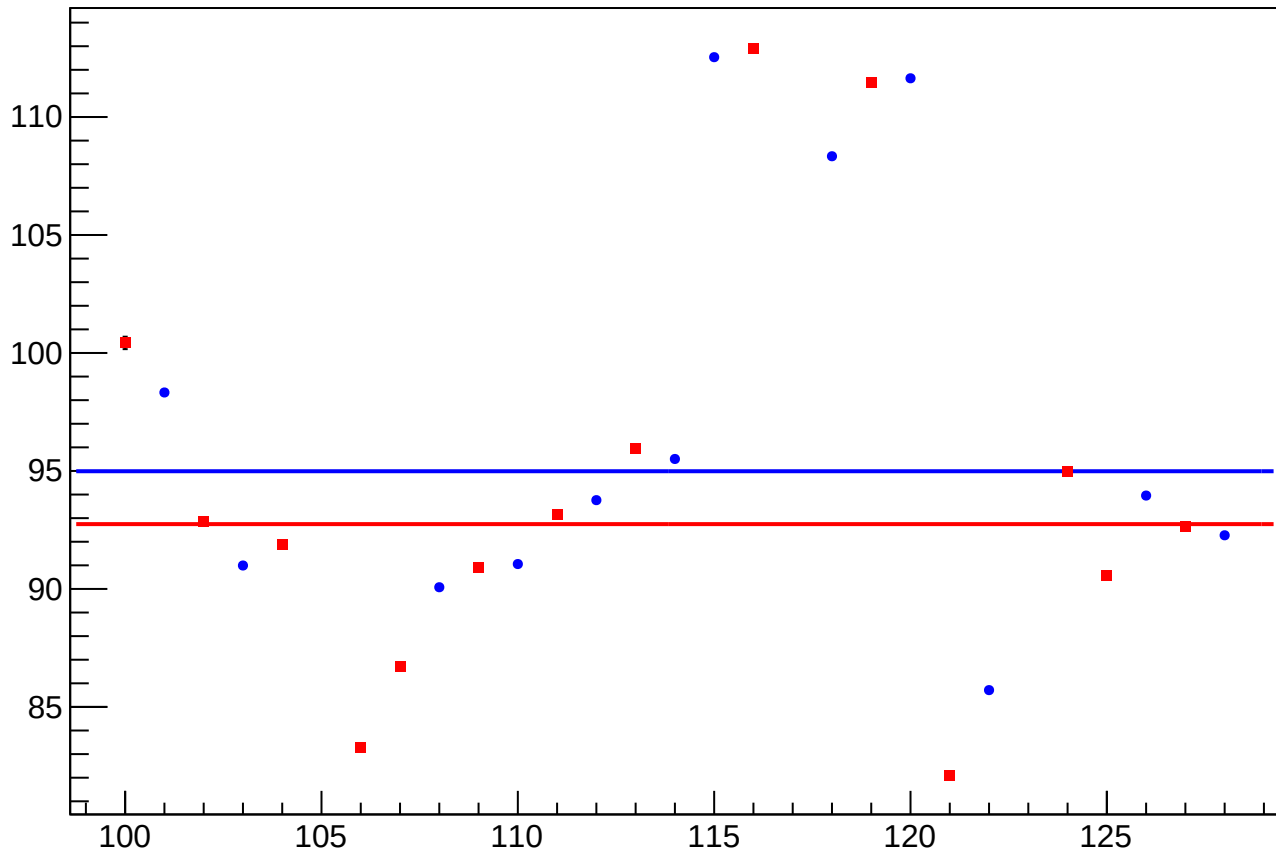
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.001+/-28.993 χ^2/NDF : 26.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_rms vs Slug



Right In: 94.988+/-0.030 χ^2/NDF : 57393.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.747+/-0.028 χ^2/NDF : 78519.6/13

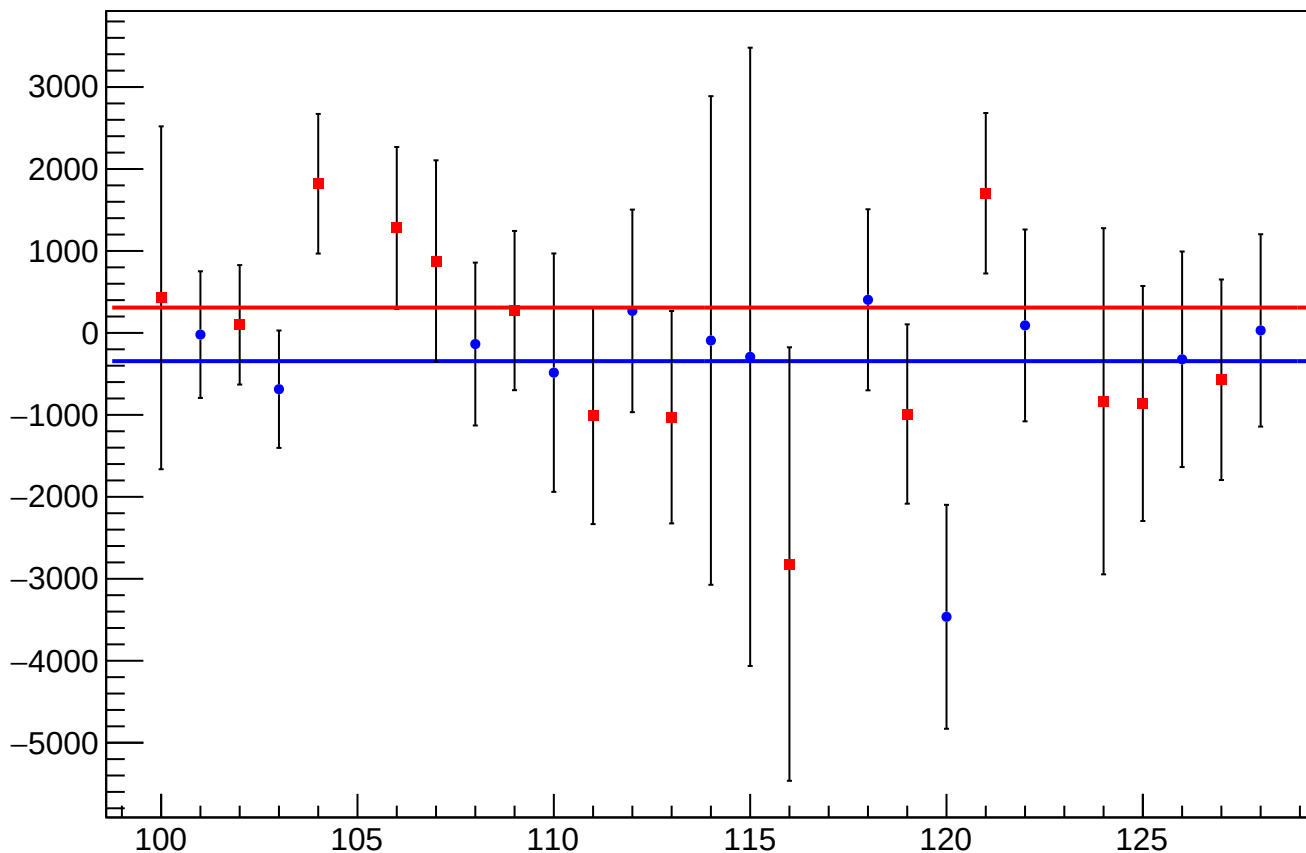
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.787+/-0.021 χ^2/NDF : 138884.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_reg_correction_mean vs Slug



Right In: -344.462+/-327.252 χ^2/NDF : 6.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 309.130+/-304.223 χ^2/NDF : 12.8/13

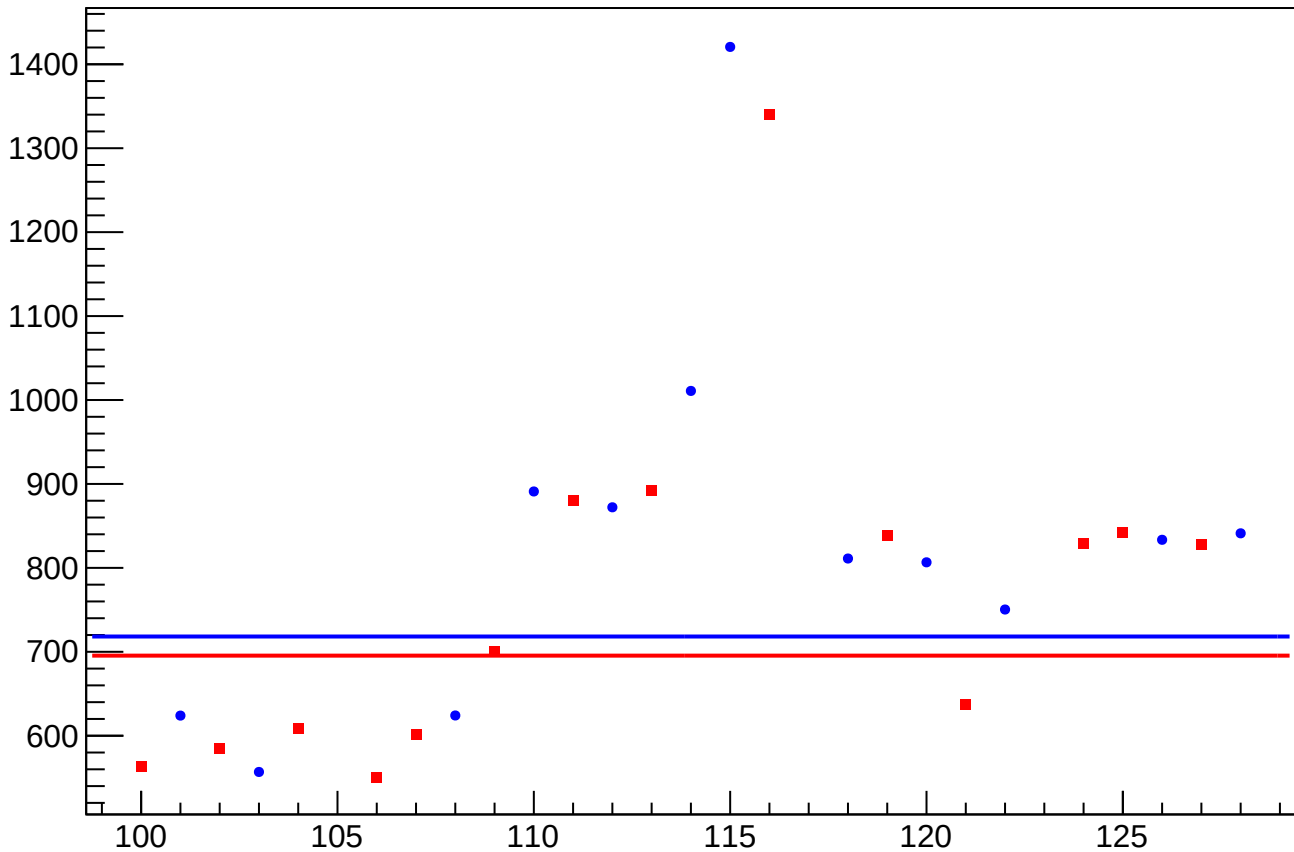
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.138+/-222.815 χ^2/NDF : 21.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_reg_correction_rms vs Slug



Right In: 718.227+/-0.231 χ^2/NDF : 358462.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 695.438+/-0.215 χ^2/NDF : 426278.2/13

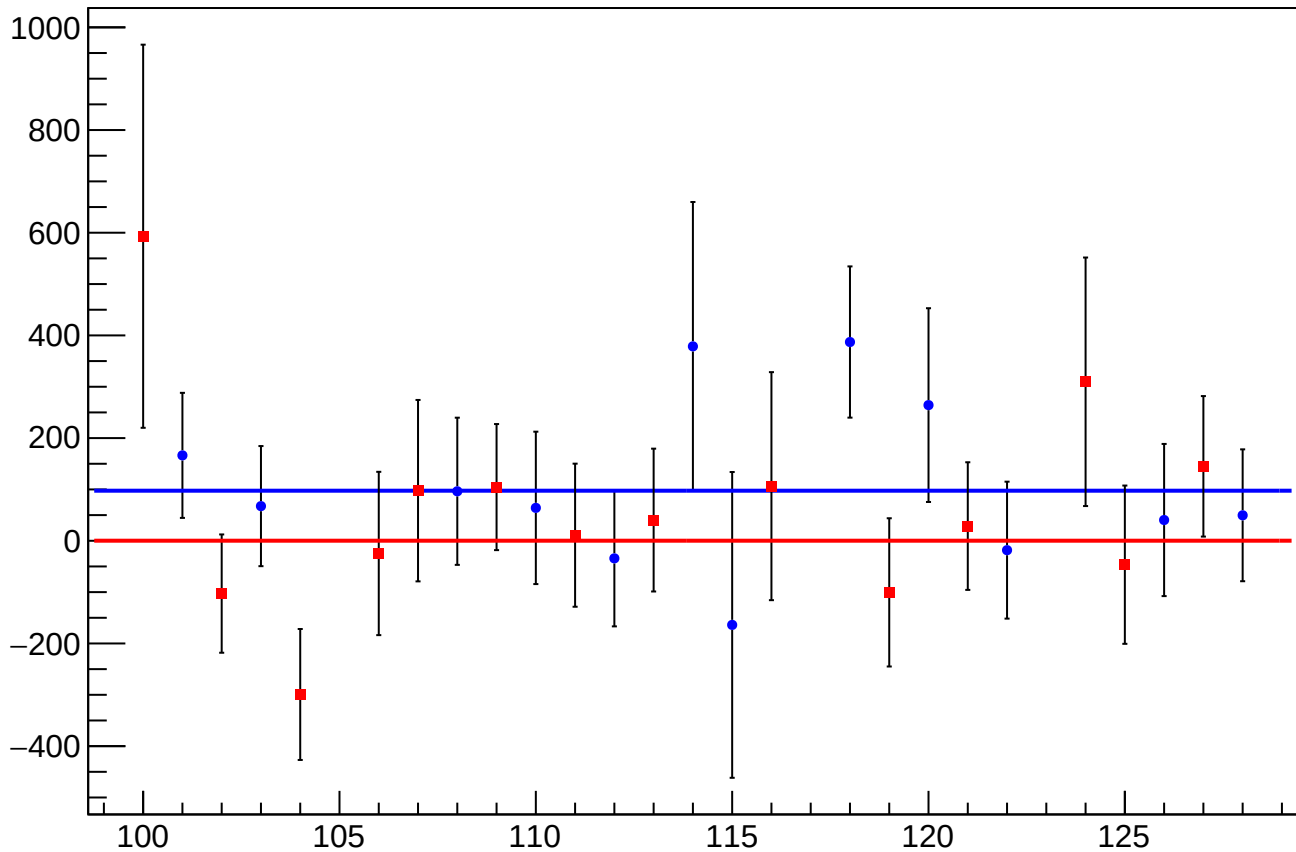
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 706.002+/-0.158 χ^2/NDF : 789942.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_dd_mean vs Slug



Right In: 97.529+/-42.560 χ^2/NDF : 8.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.148+/-39.819 χ^2/NDF : 13.6/13

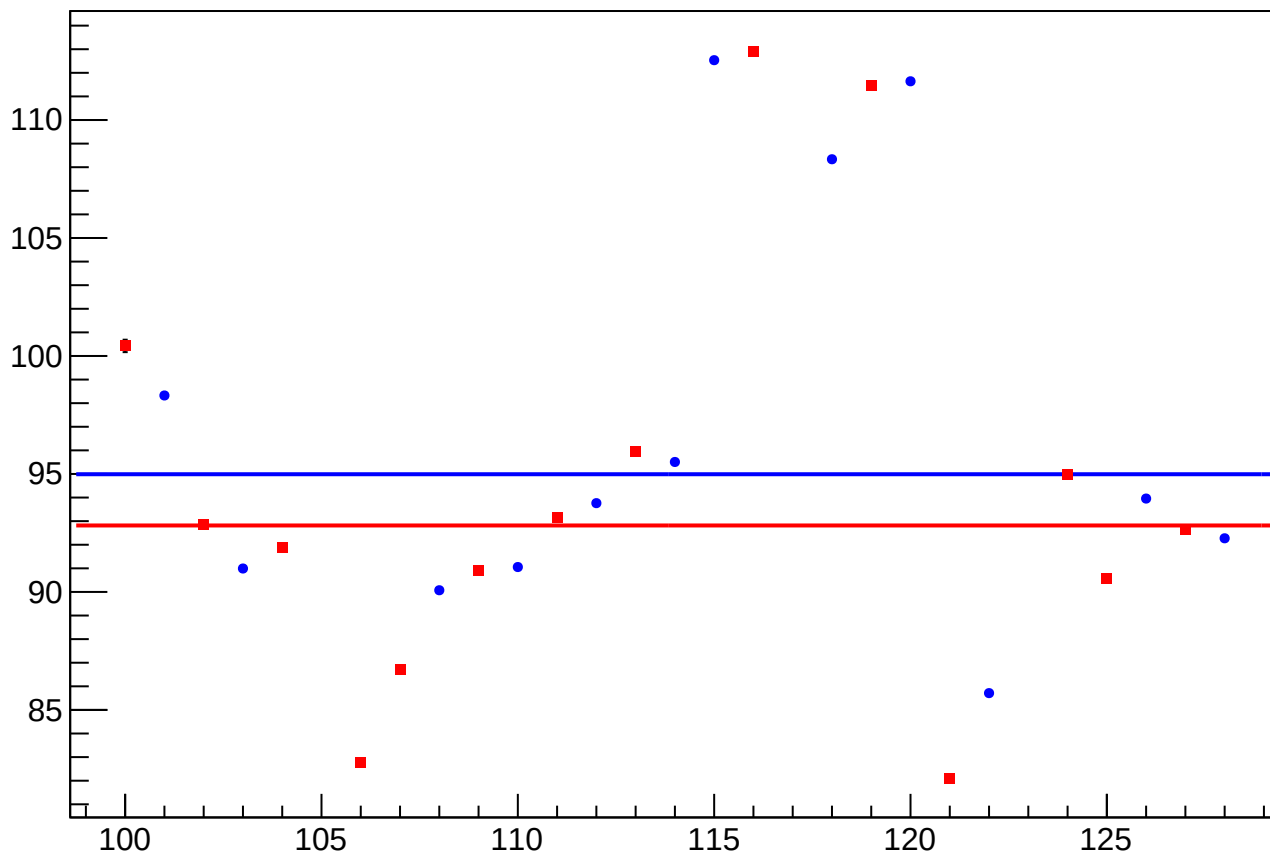
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.602+/-29.077 χ^2/NDF : 25.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_dd_rms vs Slug



Right In: 94.988 $\pm$ 0.030 χ^2 /NDF: 57393.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 92.817 $\pm$ 0.028 χ^2 /NDF: 78110.9/13

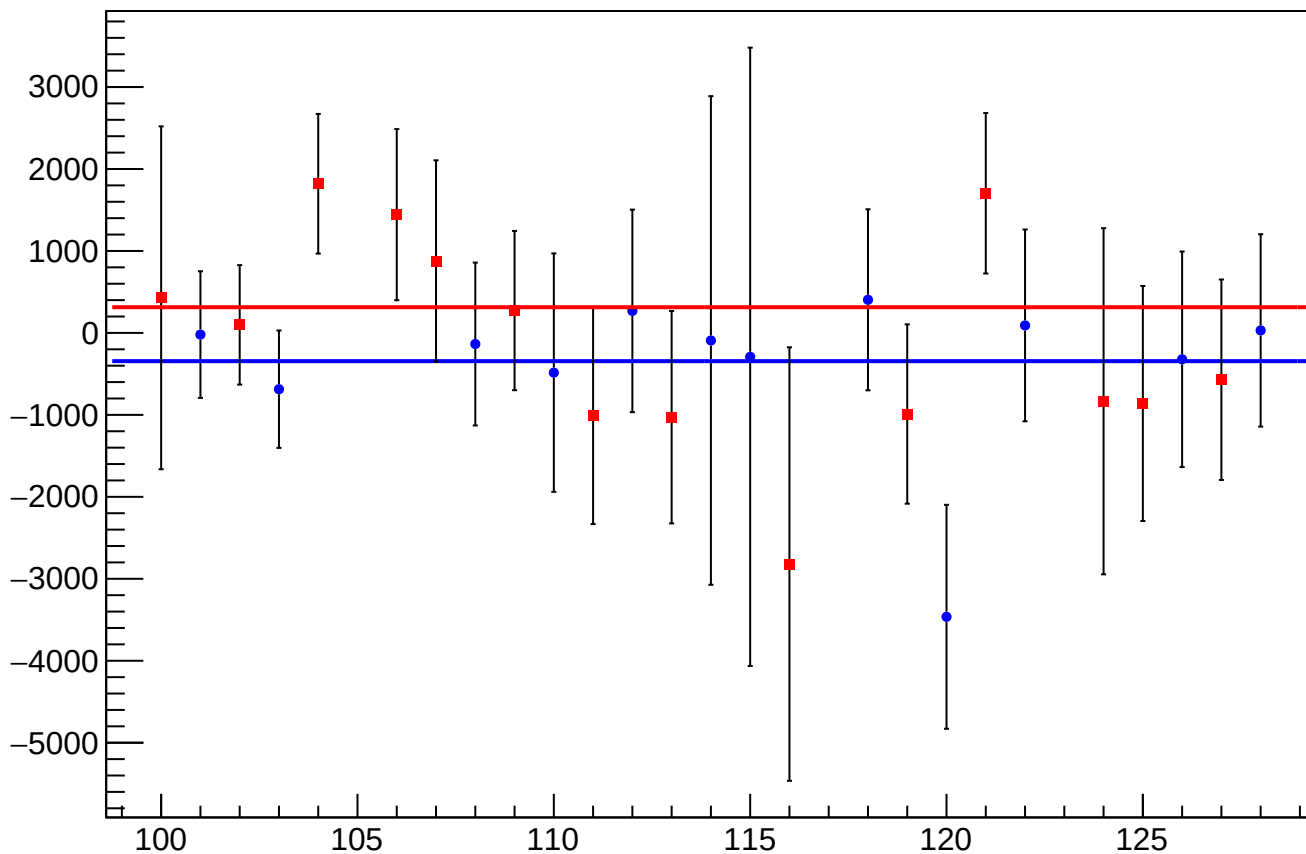
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 93.830 $\pm$ 0.021 χ^2 /NDF: 138279.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_cor_correction_mean vs Slug



Right In: -344.454+/-327.252 χ^2/NDF : 6.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 313.327+/-305.738 χ^2/NDF : 13.0/13

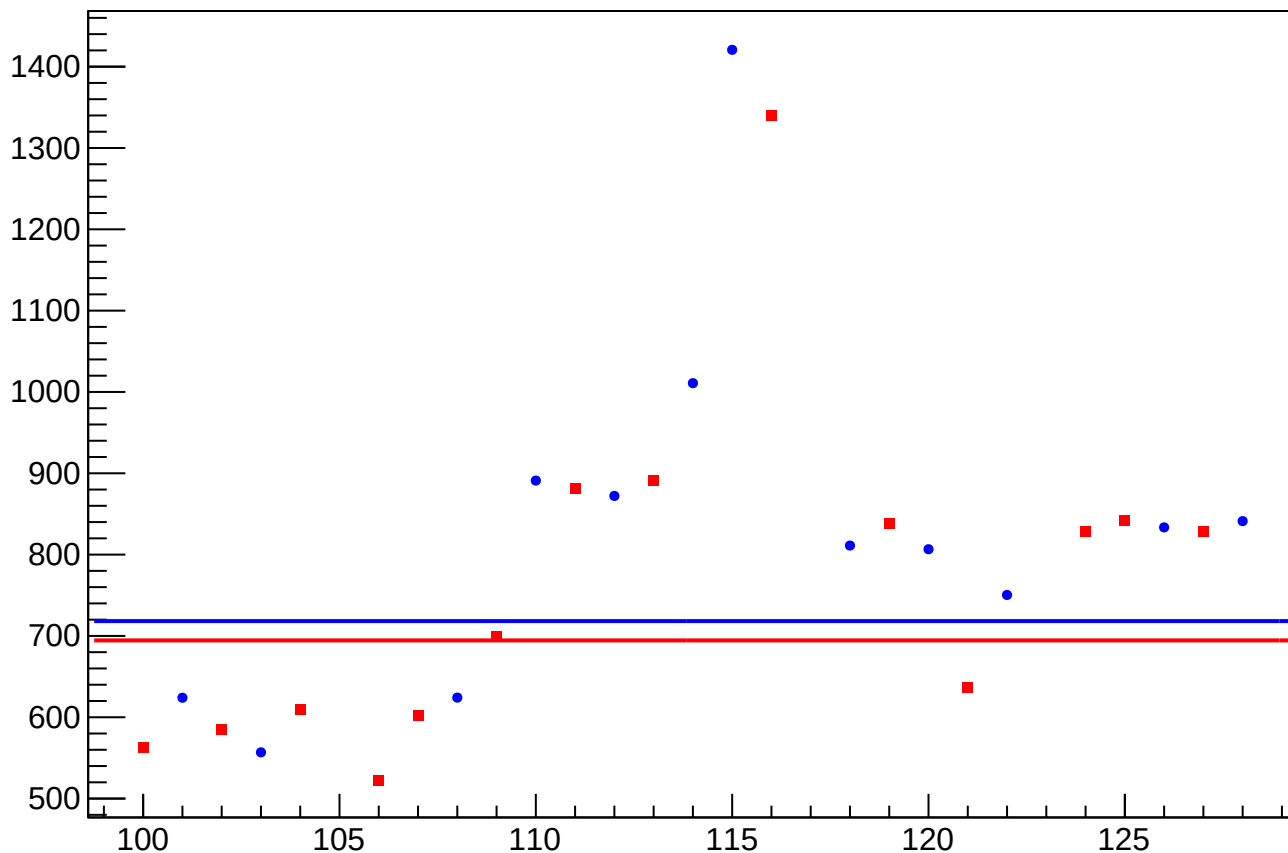
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.766+/-223.408 χ^2/NDF : 21.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_cor_correction_rms vs Slug



Right In: 718.225+/-0.231 χ^2/NDF : 358466.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 694.491+/-0.216 χ^2/NDF : 438058.7/13

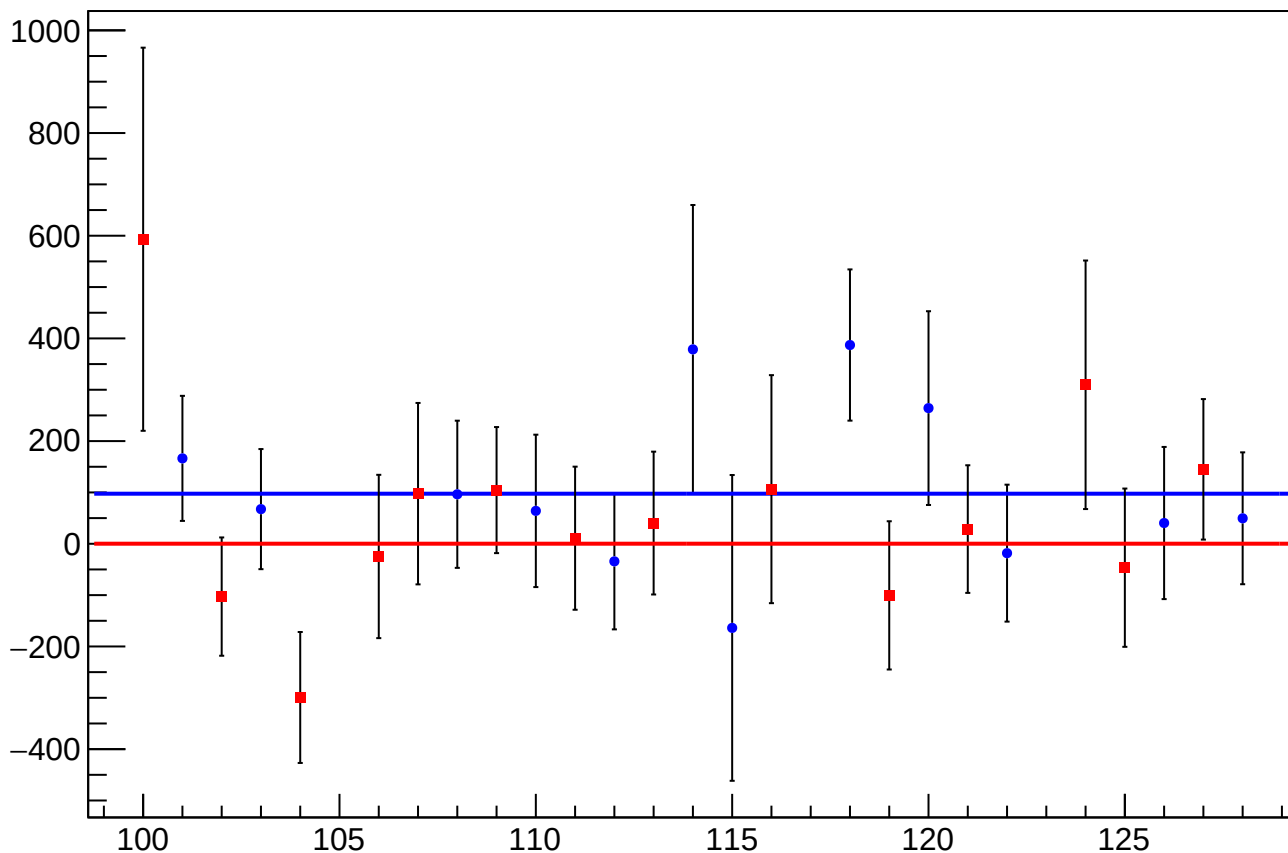
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 705.553+/-0.158 χ^2/NDF : 802141.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_dd_mean vs Slug



Right In: 97.529+/-42.560 χ^2/NDF : 8.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.148+/-39.819 χ^2/NDF : 13.6/13

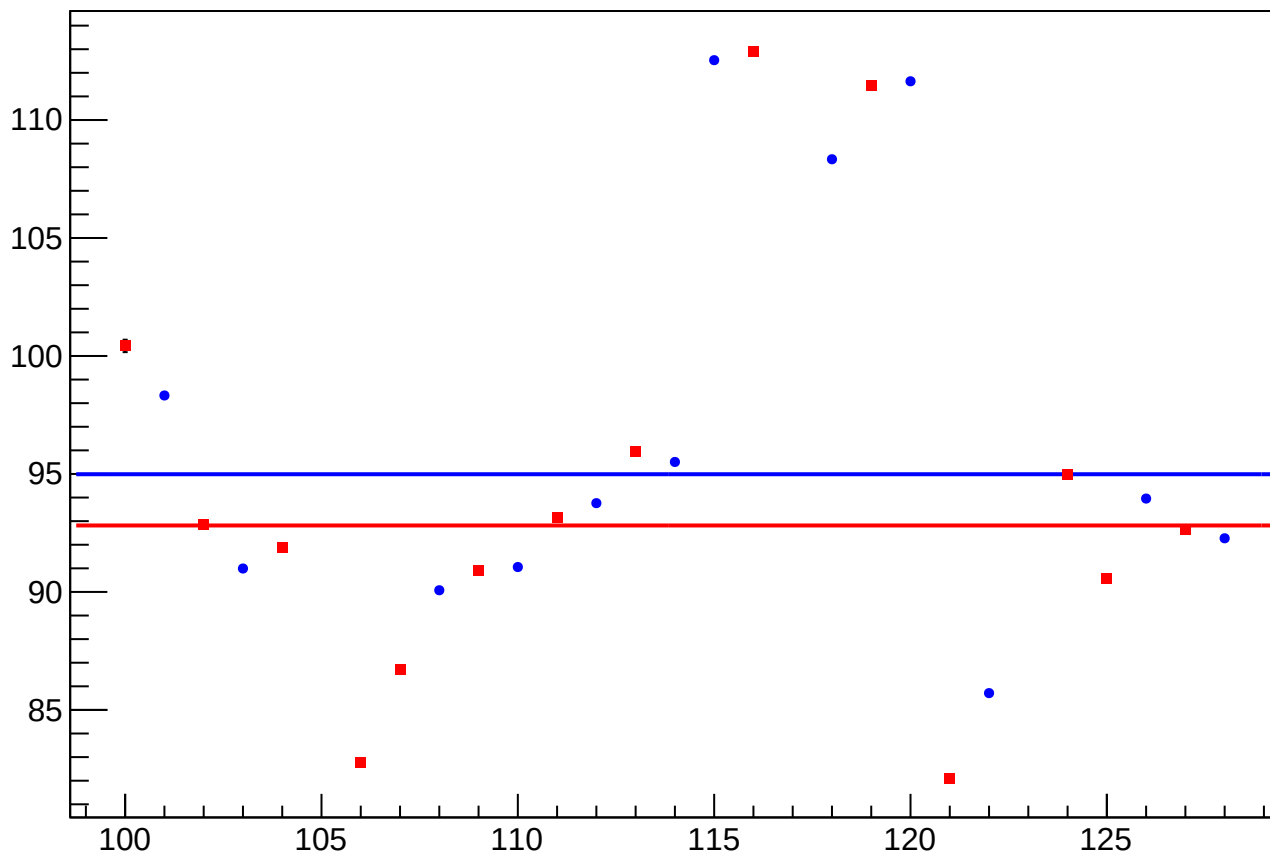
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.602+/-29.077 χ^2/NDF : 25.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_dd_rms vs Slug



Right In: 94.988+/-0.030 χ^2/NDF : 57393.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.817+/-0.028 χ^2/NDF : 78110.9/13

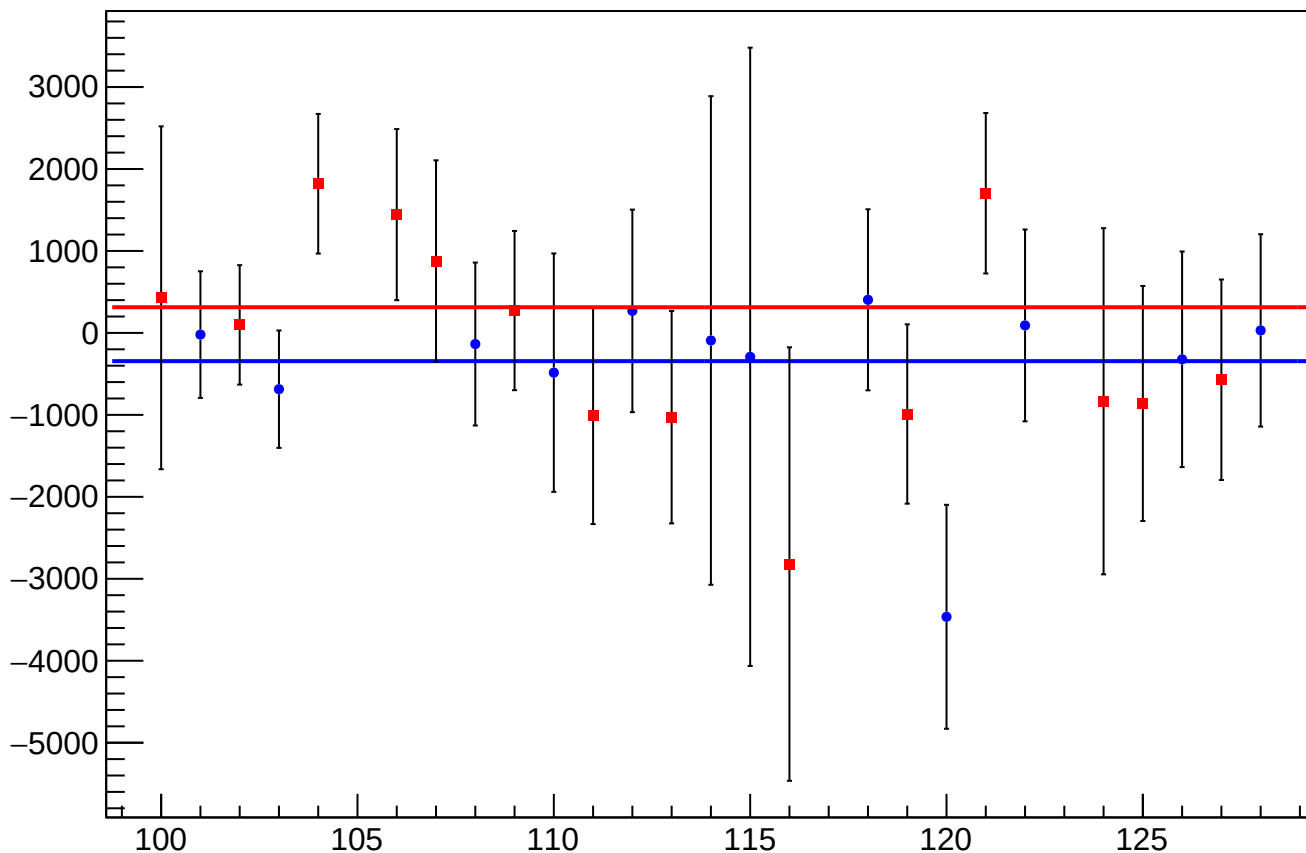
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.830+/-0.021 χ^2/NDF : 138279.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_cor_correction_mean vs Slug



Right In: -344.454 $\pm$ 327.252 χ^2 /NDF: 6.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 313.327 $\pm$ 305.738 χ^2 /NDF: 13.0/13

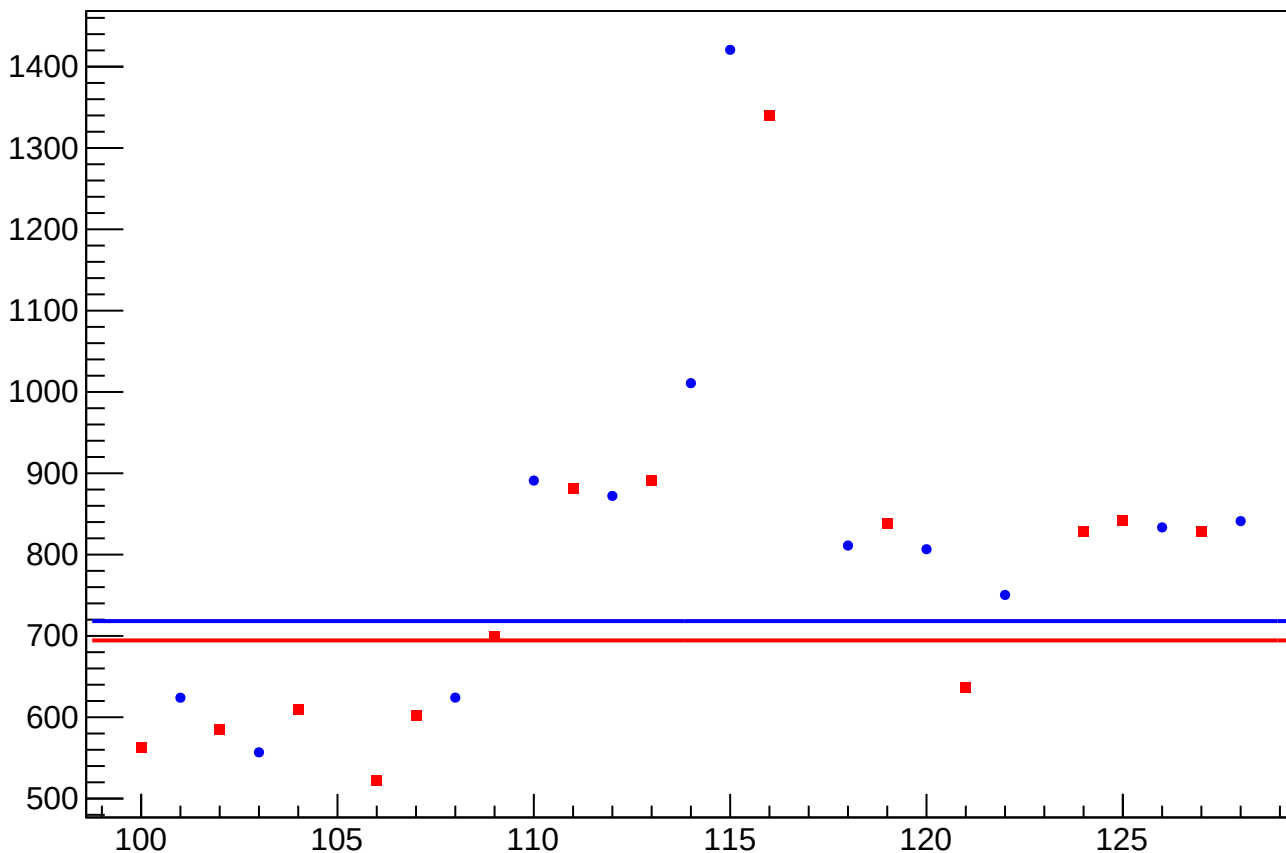
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.766 $\pm$ 223.408 χ^2 /NDF: 21.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_cor_correction_rms vs Slug



Right In: 718.225+/-0.231 χ^2/NDF : 358466.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 694.491+/-0.216 χ^2/NDF : 438058.7/13

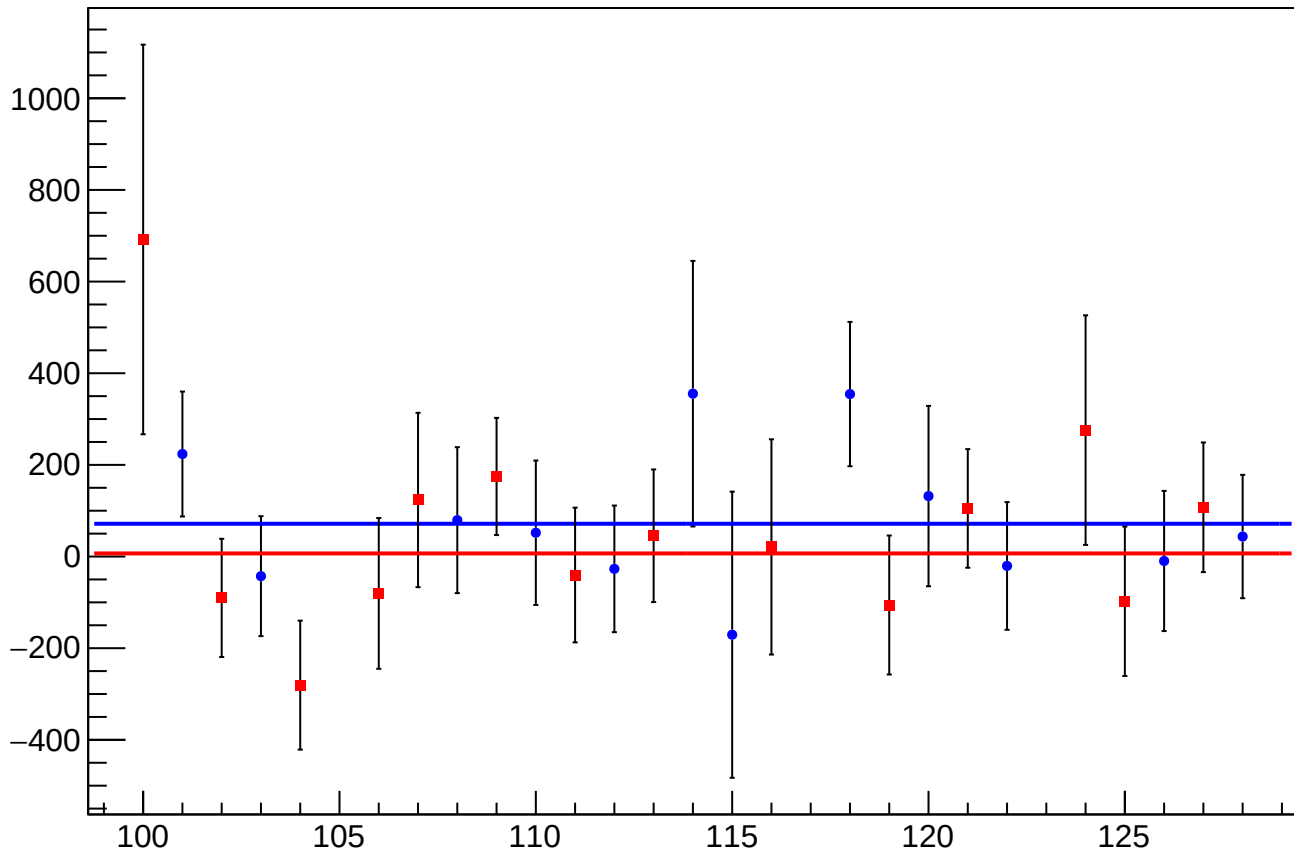
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 705.553+/-0.158 χ^2/NDF : 802141.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_mean vs Slug



Right In: 71.531+/-45.545 χ^2/NDF : 8.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.767+/-42.227 χ^2/NDF : 13.1/13

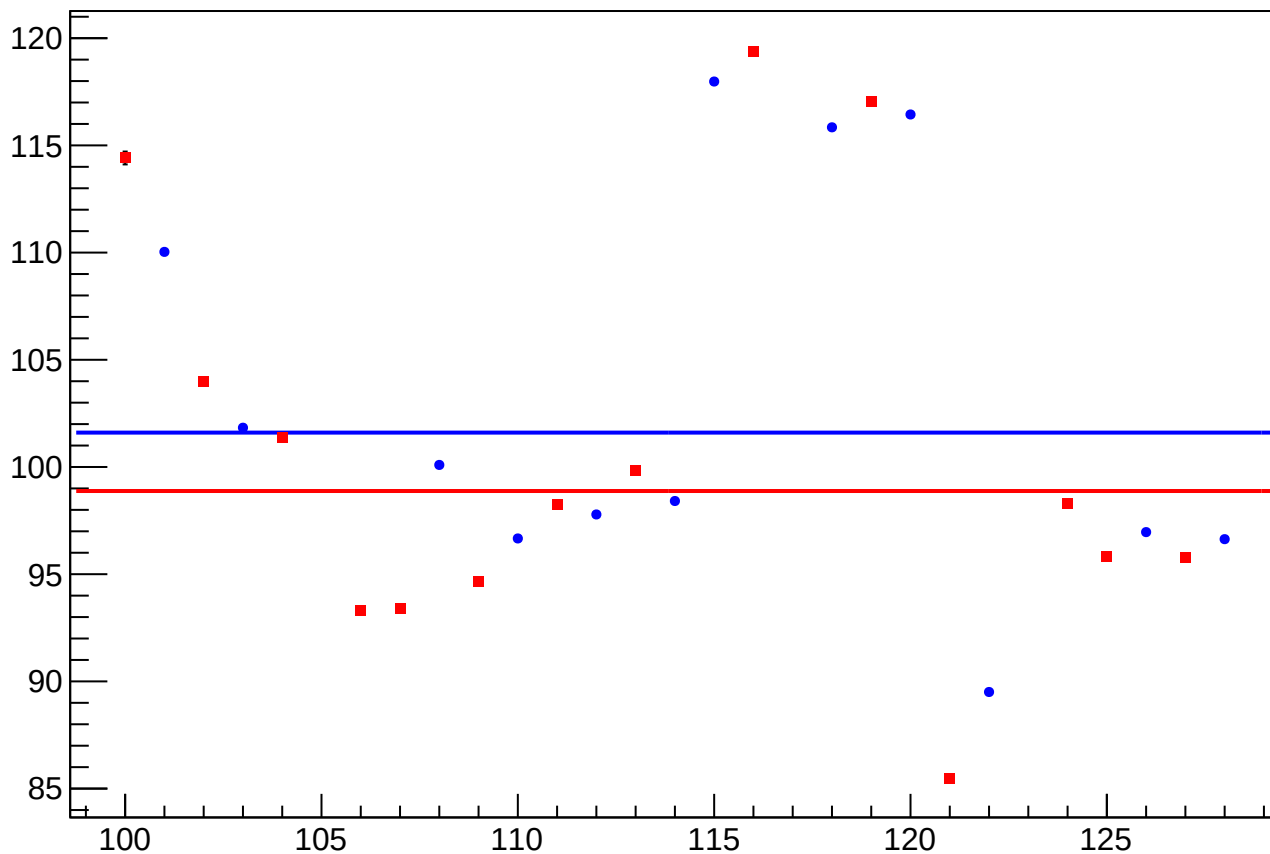
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.704+/-30.966 χ^2/NDF : 22.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_rms vs Slug



Right In: 101.604 $\pm$ 0.032 χ^2 /NDF: 64433.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 98.880 $\pm$ 0.030 χ^2 /NDF: 79931.9/13

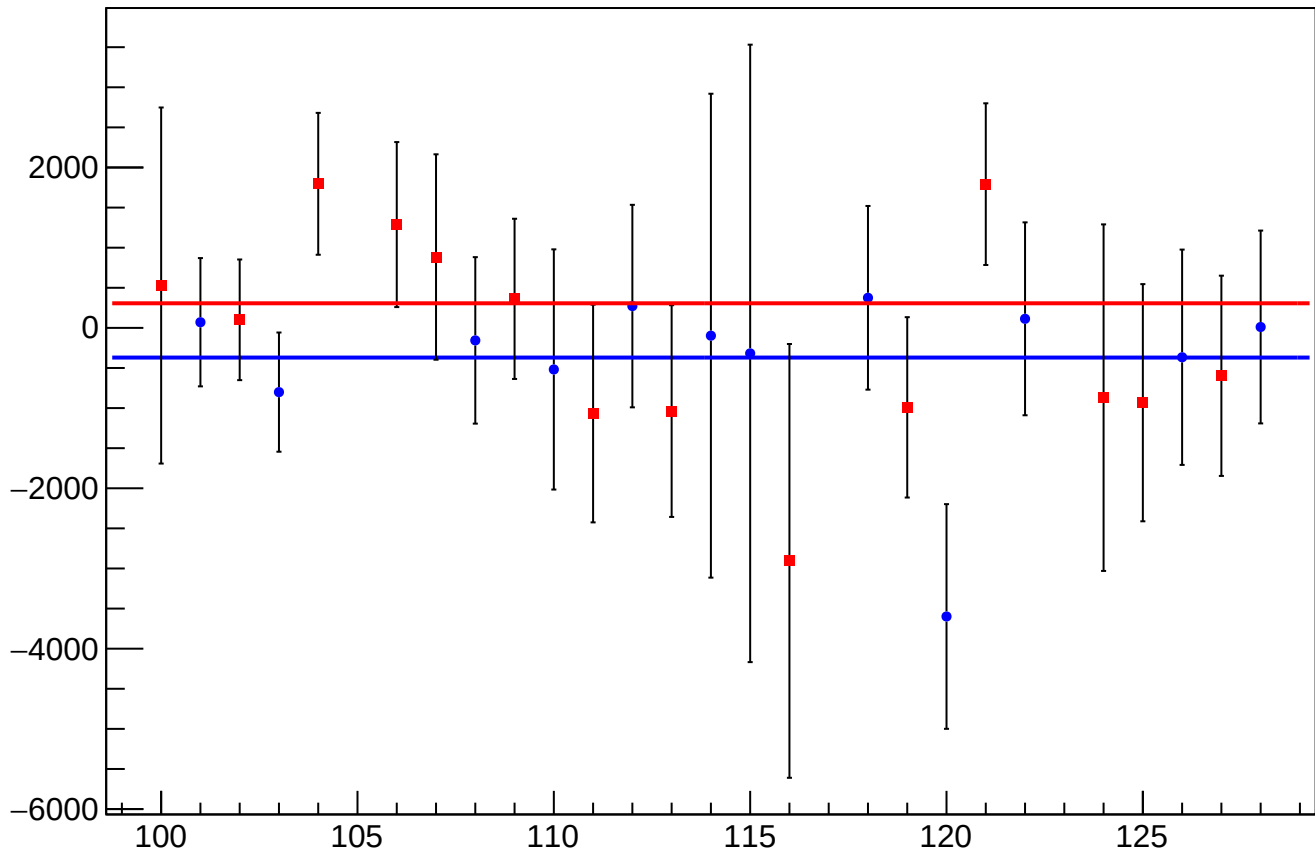
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.139 $\pm$ 0.022 χ^2 /NDF: 148213.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_dit_correction_mean vs Slug



Right In: -370.010+/-337.812 χ^2/NDF : 7.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 306.683+/-313.926 χ^2/NDF : 12.5/13

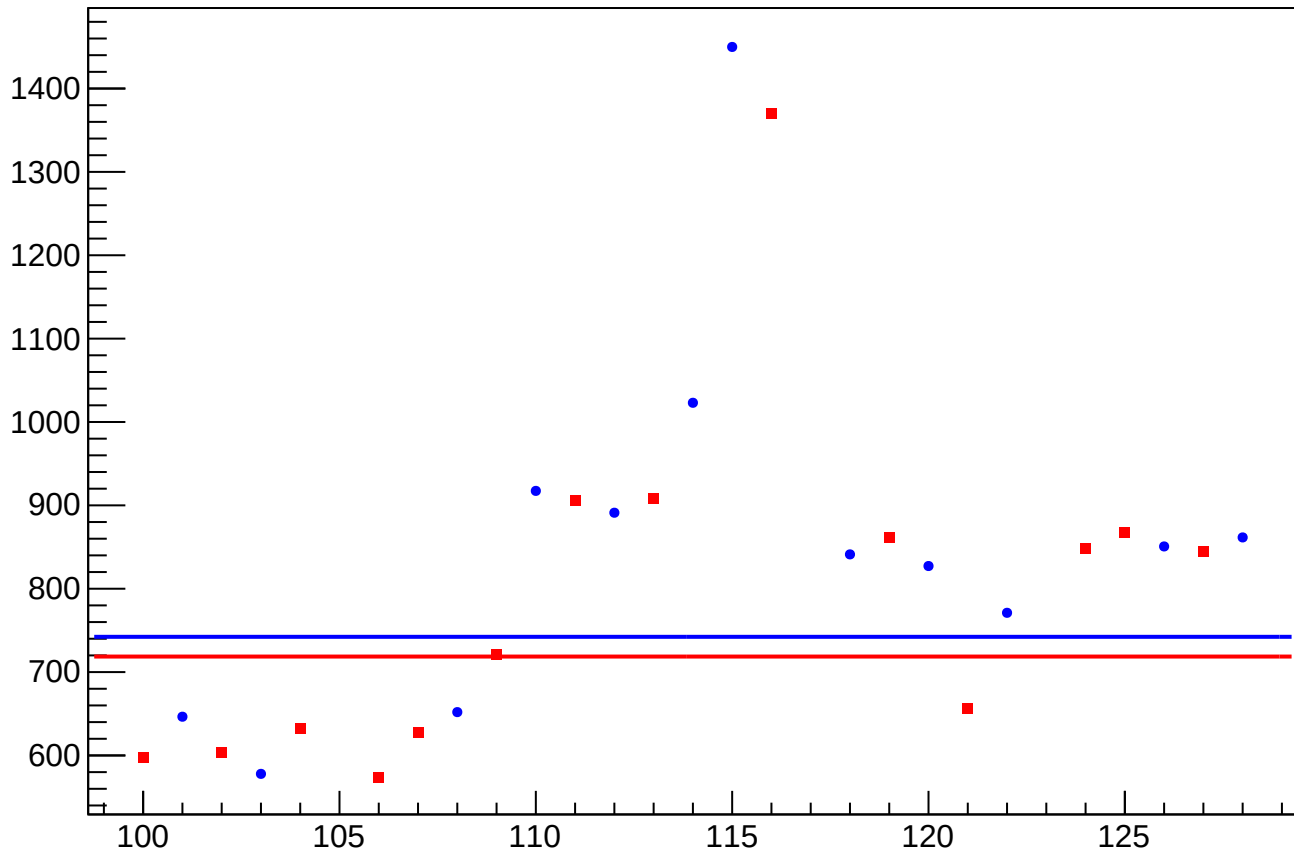
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.896+/-229.960 χ^2/NDF : 21.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_dit_correction_rms vs Slug



Right In: 742.308+/-0.239 χ^2/NDF : 337874.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 718.635+/-0.222 χ^2/NDF : 404186.5/13

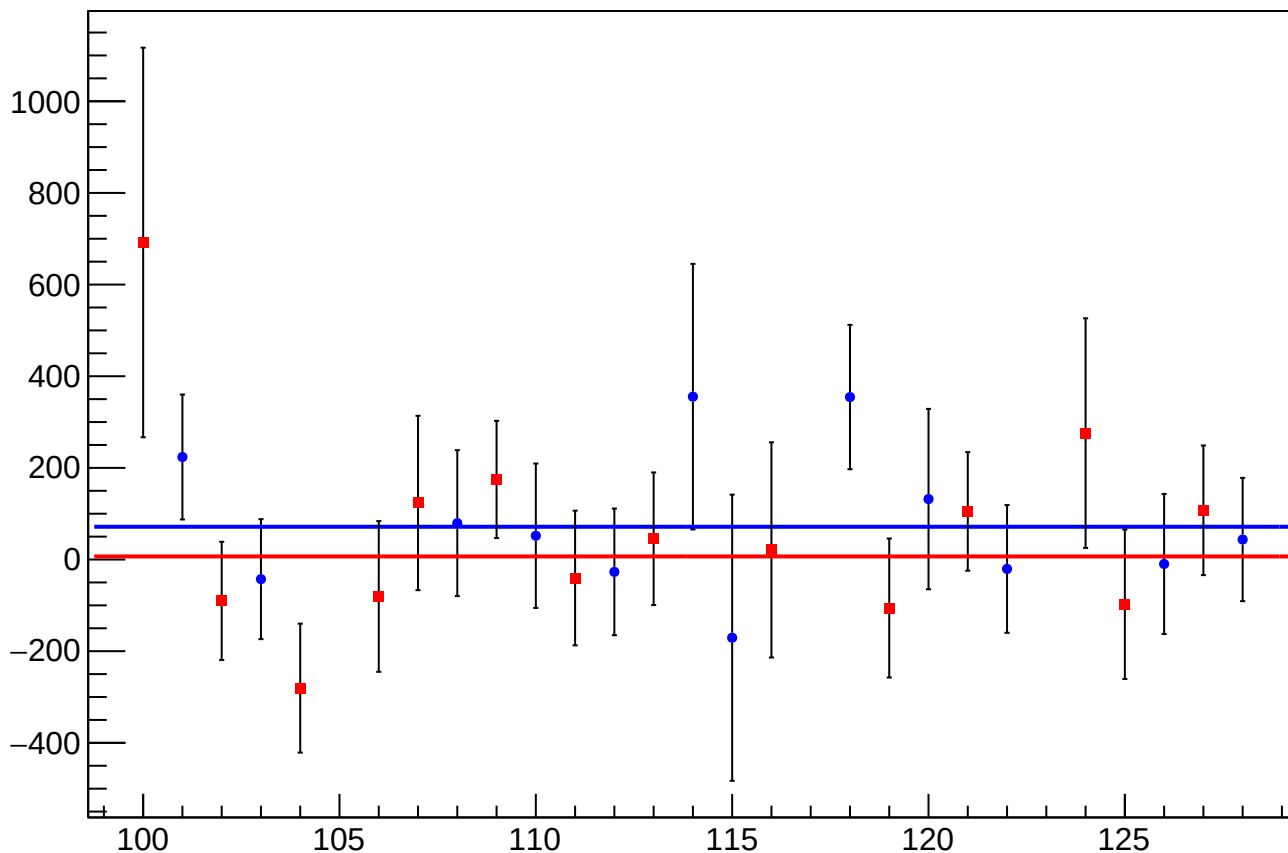
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 729.605+/-0.163 χ^2/NDF : 747330.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_dd_mean vs Slug



Right In: 71.531 $\pm$ 45.545 χ^2 /NDF: 8.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.768 $\pm$ 42.227 χ^2 /NDF: 13.1/13

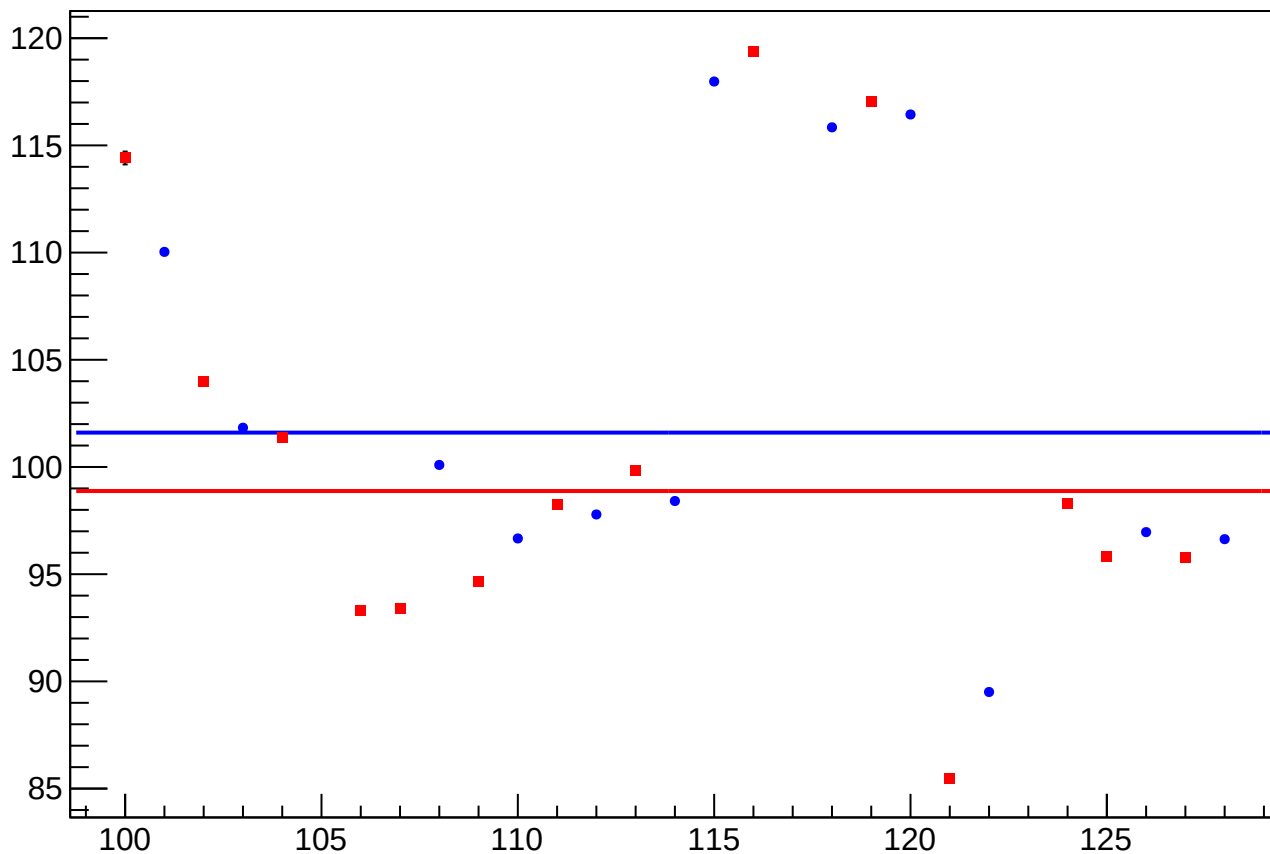
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.705 $\pm$ 30.966 χ^2 /NDF: 22.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_dd_rms vs Slug



Right In: 101.604 $\pm$ 0.032 χ^2 /NDF: 64433.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 98.879 $\pm$ 0.030 χ^2 /NDF: 79932.9/13

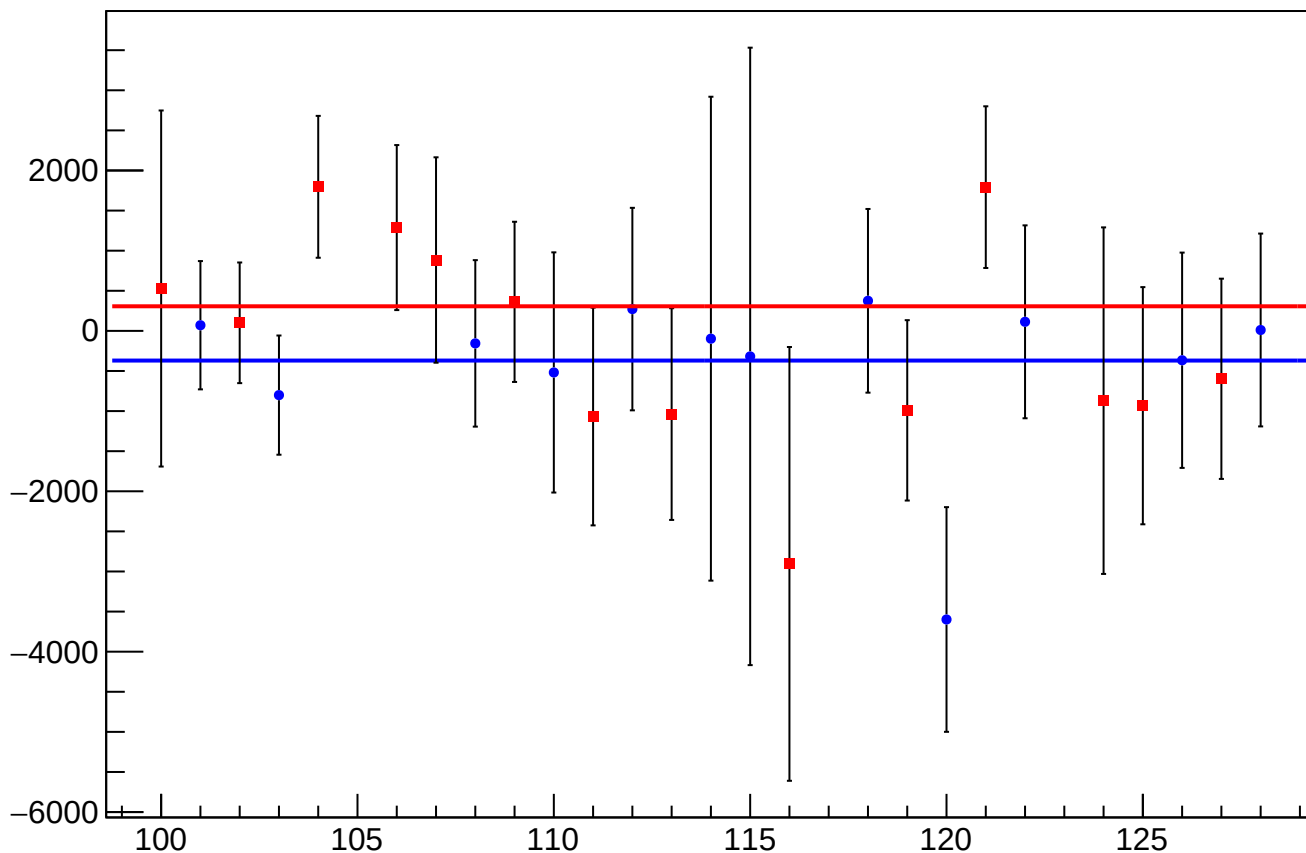
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.139 $\pm$ 0.022 χ^2 /NDF: 148214.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_dit_correction_mean vs Slug



Right In: -370.009 ± 337.812 χ^2/NDF : 7.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 306.683 ± 313.925 χ^2/NDF : 12.5/13

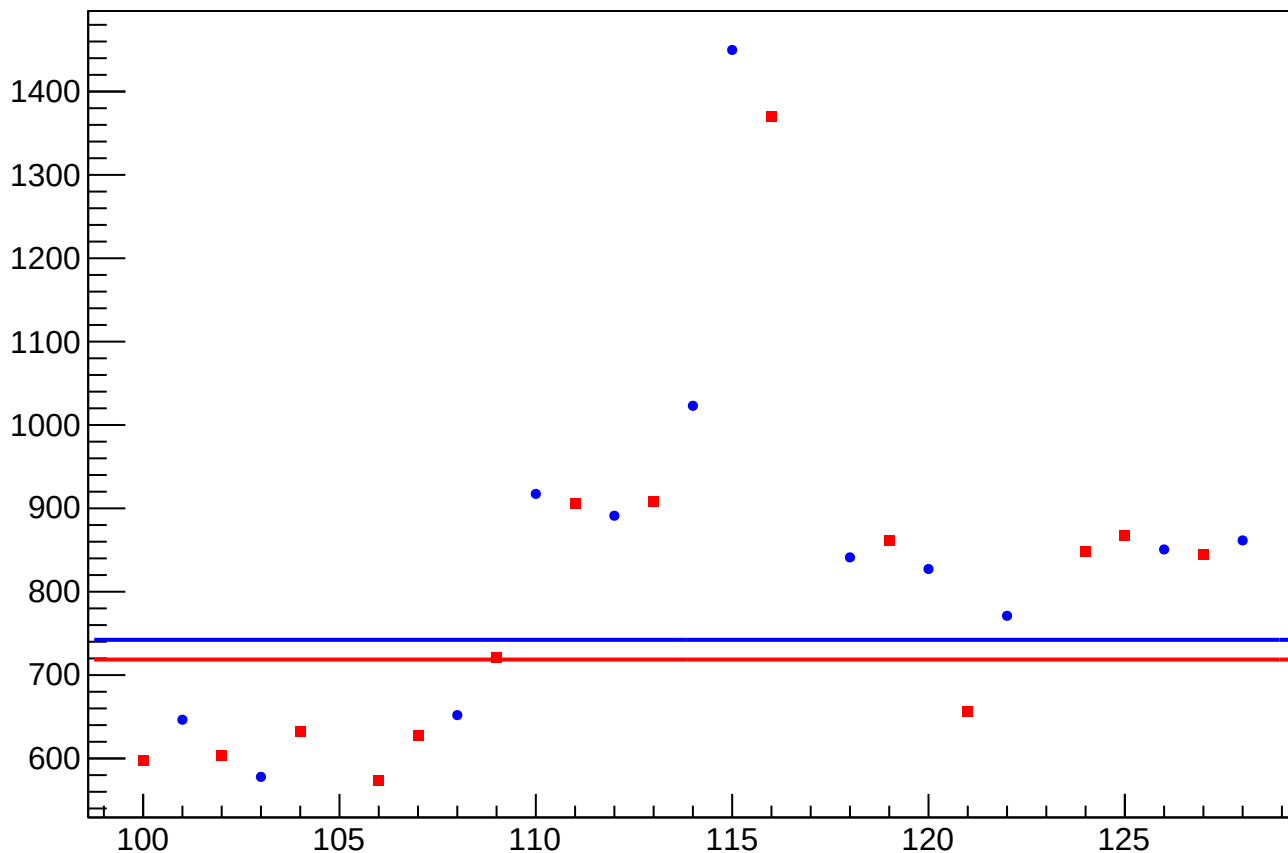
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.896 ± 229.960 χ^2/NDF : 21.6/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_dit_correction_rms vs Slug



Right In: 742.307+/-0.239 χ^2/NDF : 337873.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 718.634+/-0.222 χ^2/NDF : 404185.7/13

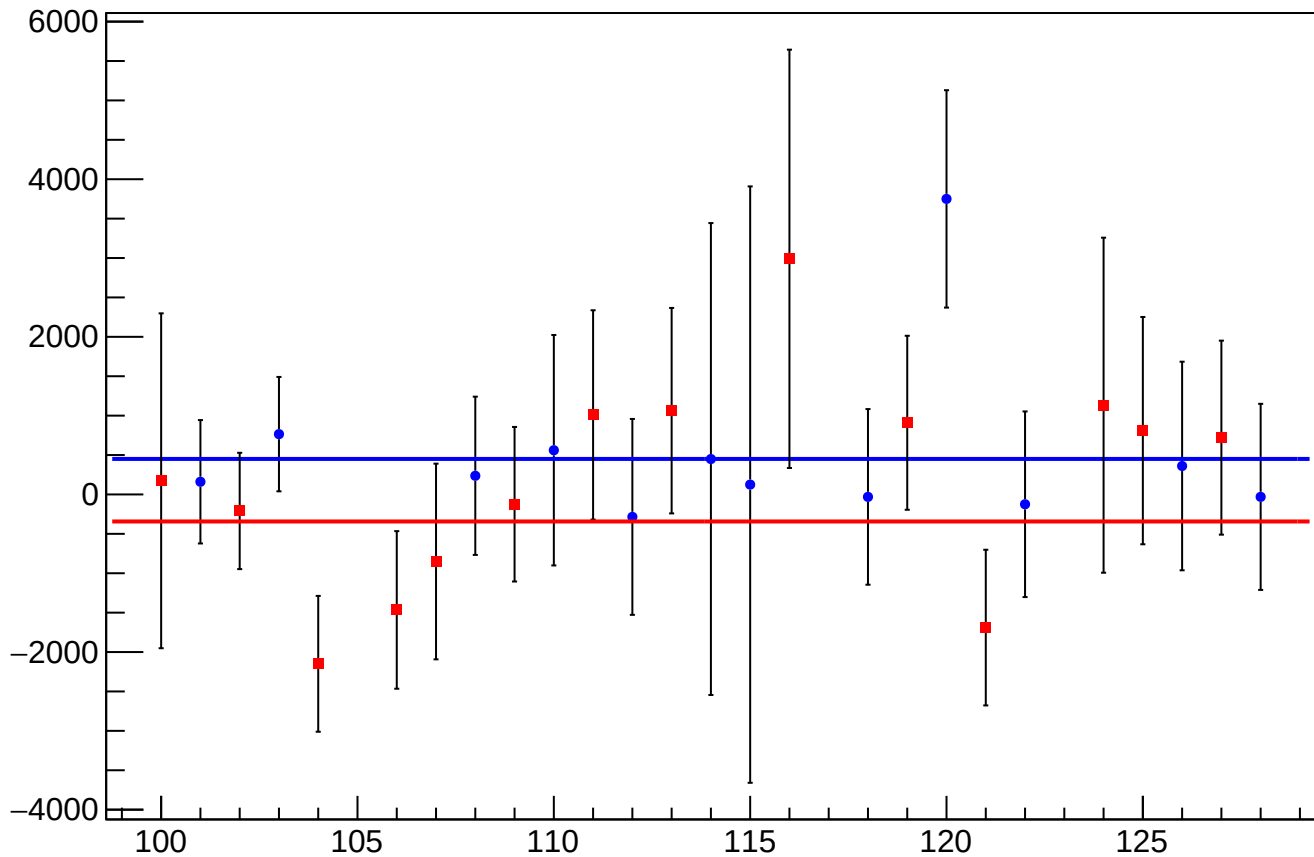
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 729.604+/-0.163 χ^2/NDF : 747328.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_mean vs Slug



Right In: 450.624+/-330.440 χ^2/NDF : 7.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -342.965+/-307.188 χ^2/NDF : 14.8/13

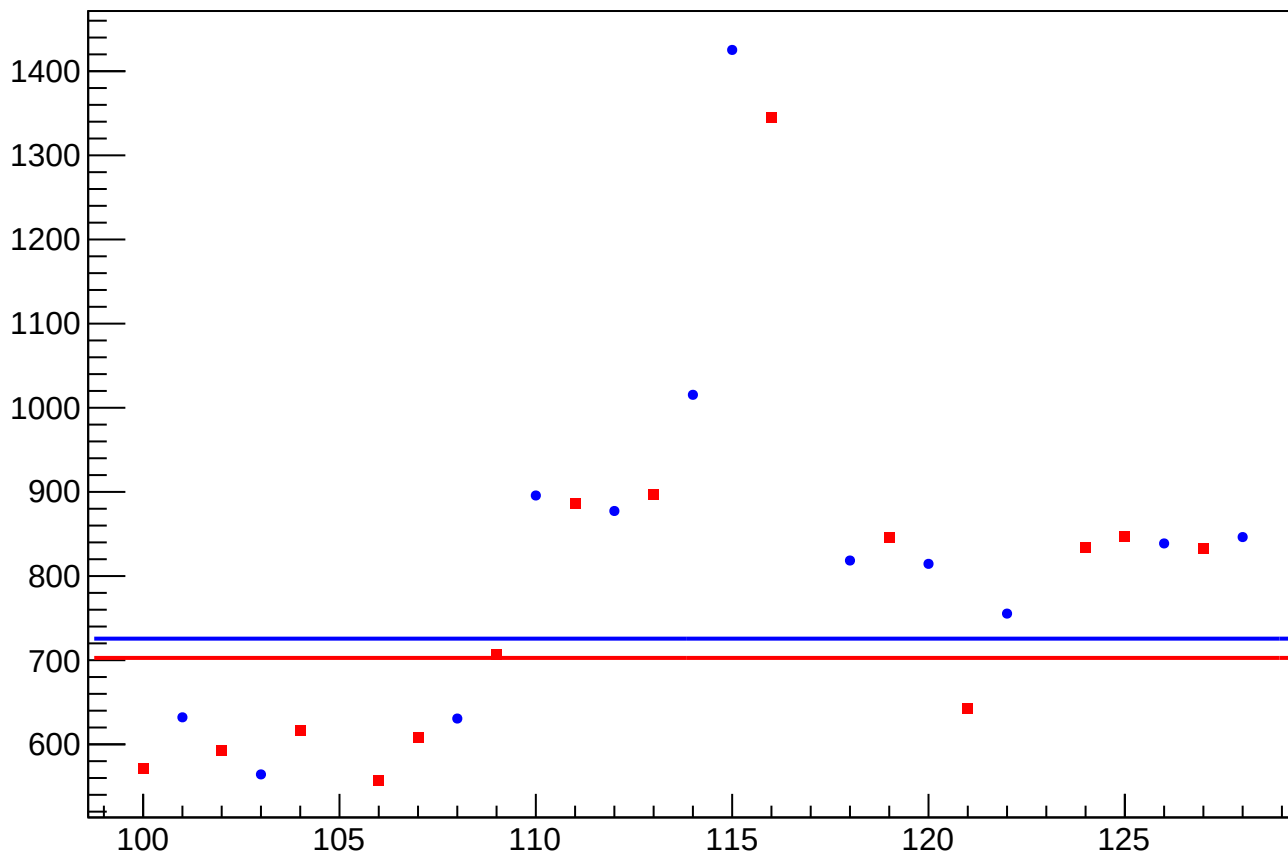
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.928+/-224.986 χ^2/NDF : 24.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_rms vs Slug



Right In: 725.618 $\pm$ 0.234 χ^2 /NDF: 348252.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 702.709 $\pm$ 0.217 χ^2 /NDF: 416318.3/13

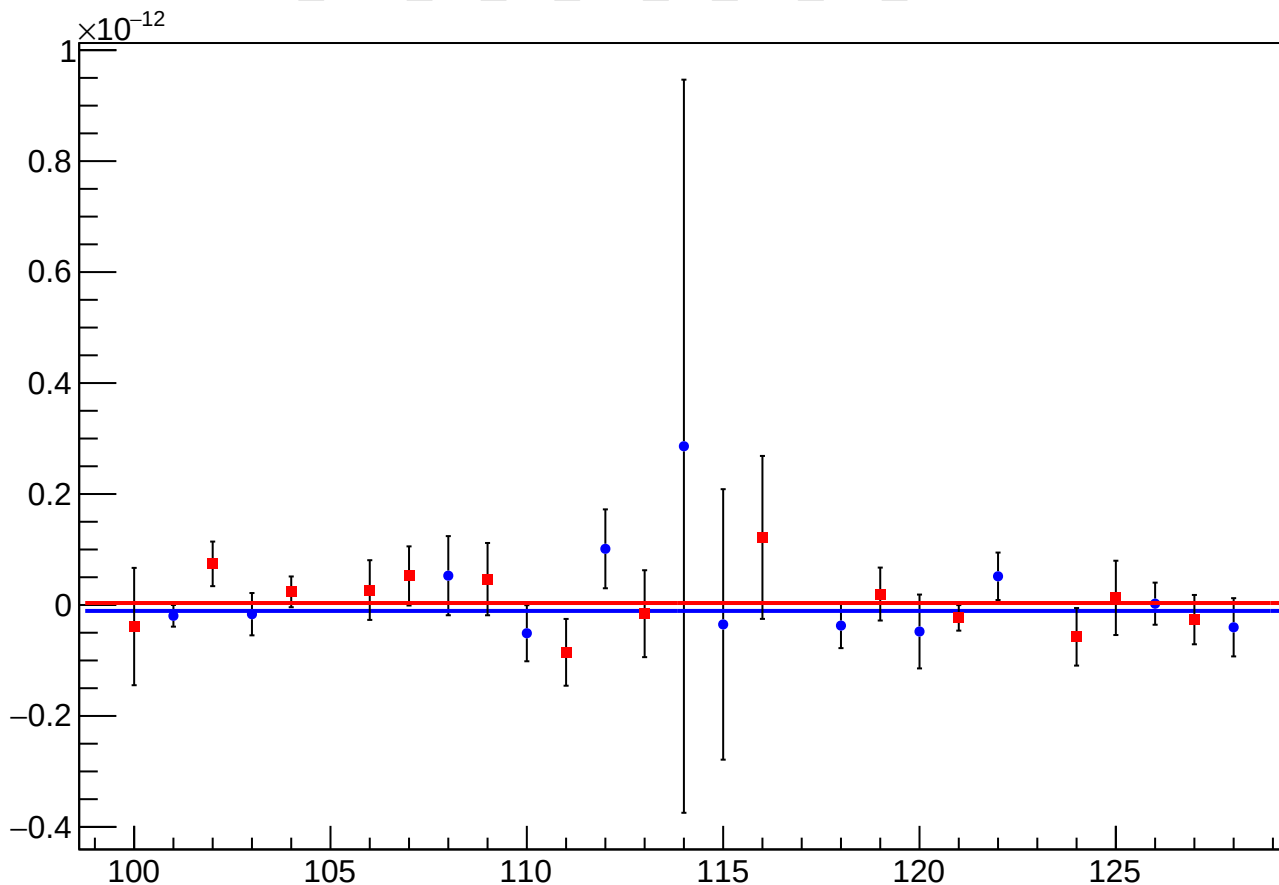
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 713.329 $\pm$ 0.159 χ^2 /NDF: 769727.3/25

- sign 0.000 $\pm$ 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 : 7.6/11

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 +/- 0.000 χ^2/NDF : 11.4/13

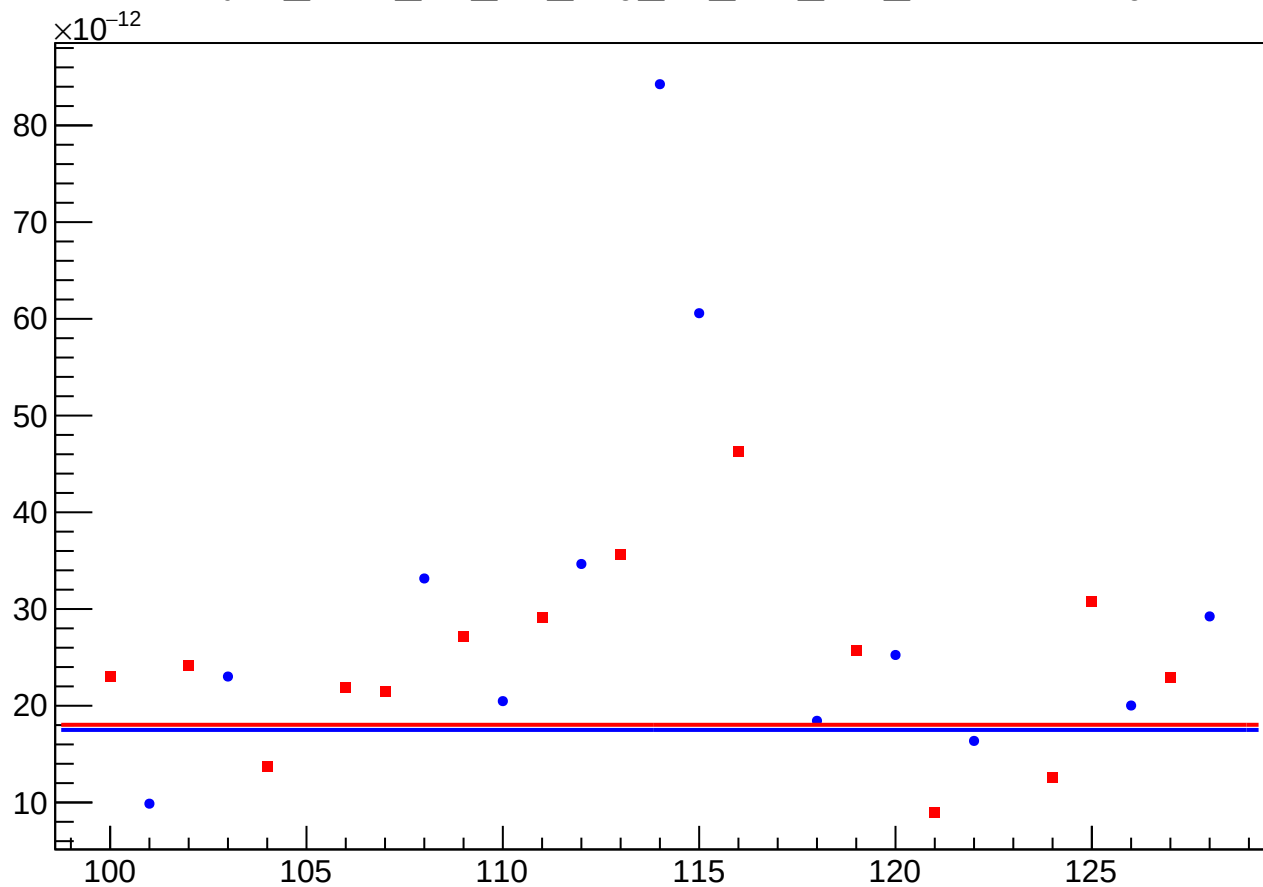
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -0.000 +/- 0.000 χ^2/NDF : 19.8/25

- 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 : 788423.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 882094.7/13

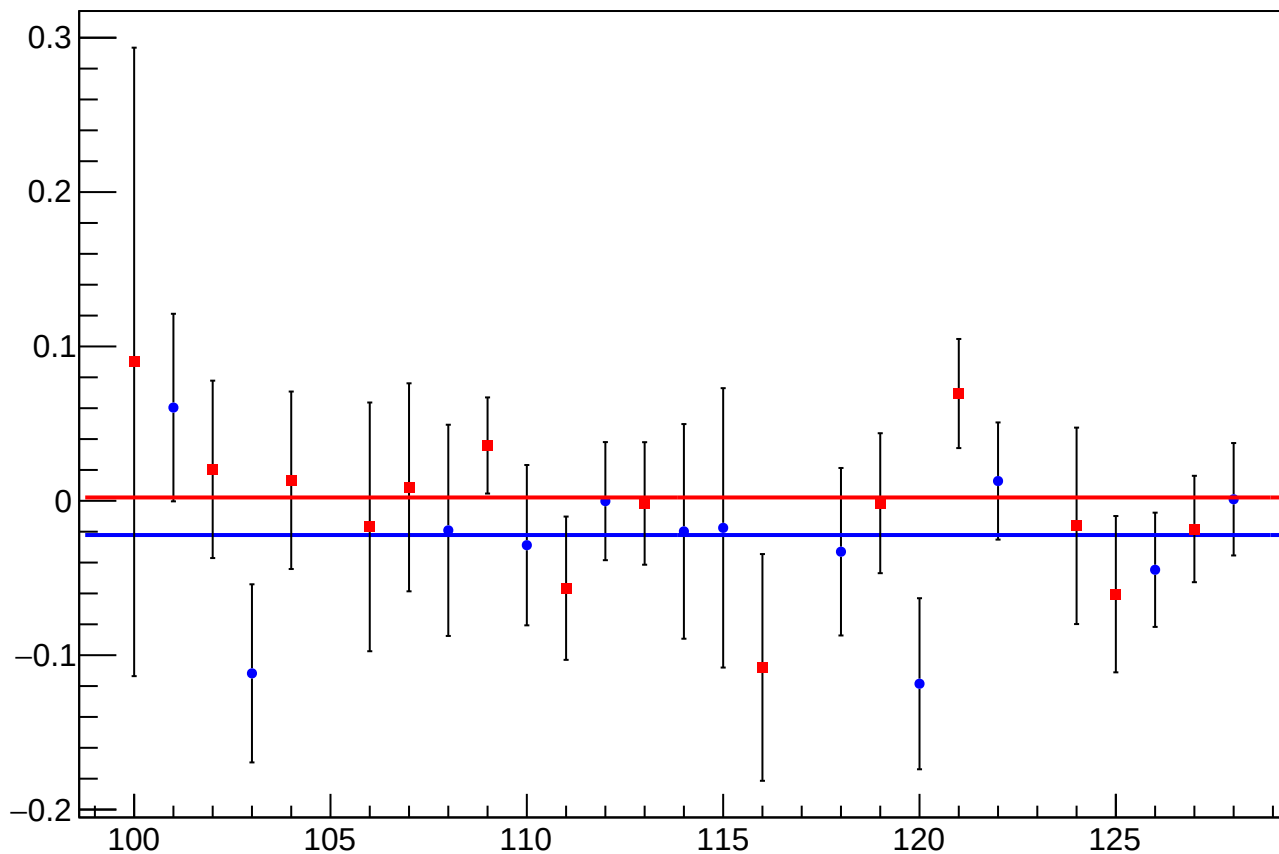
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1672413.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.022 $\pm$ 0.014 χ^2 /NDF: 9.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.013 χ^2 /NDF: 11.0/13

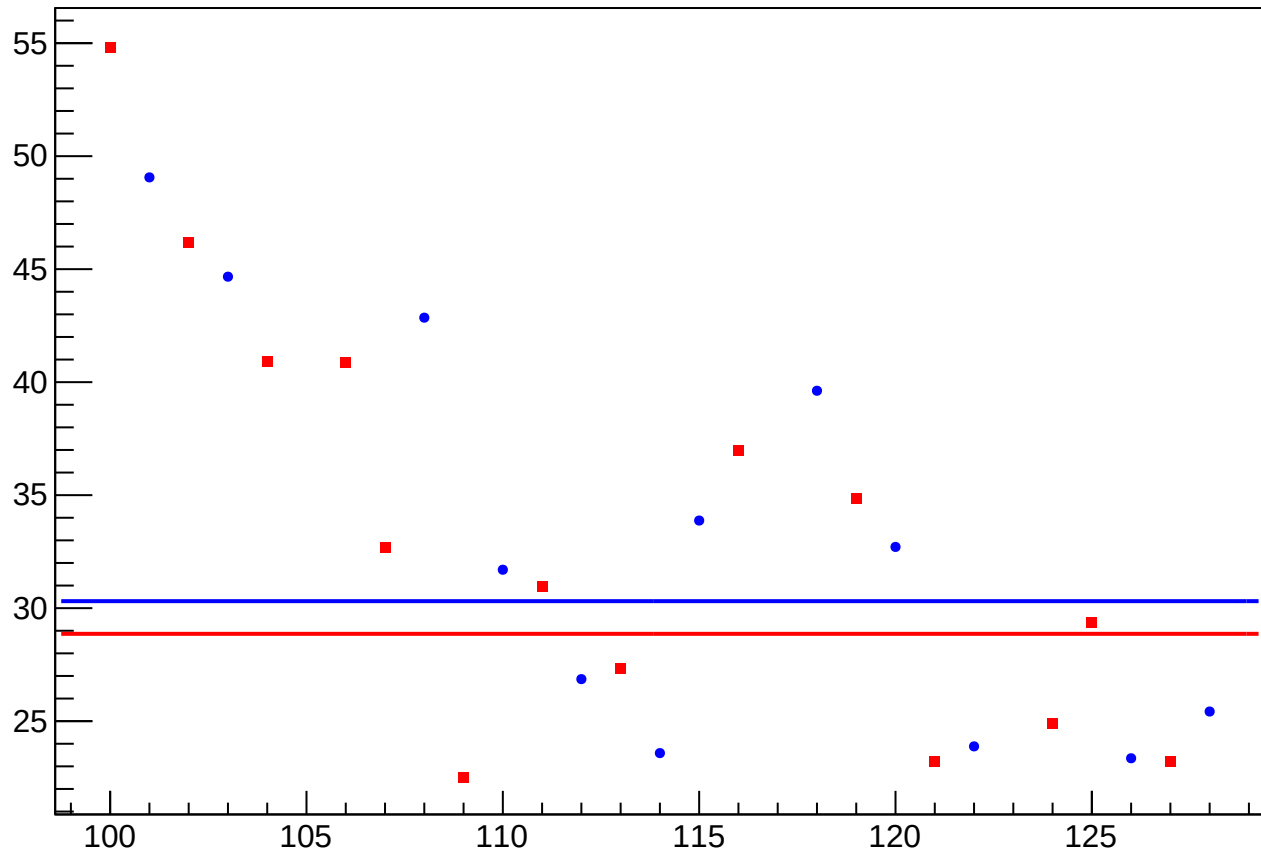
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.009 $\pm$ 0.009 χ^2 /NDF: 22.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_dit_vs_cor_diff_rms vs Slug



Right In: 30.310+/-0.010 χ^2/NDF : 647675.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.864+/-0.009 χ^2/NDF : 615652.6/13

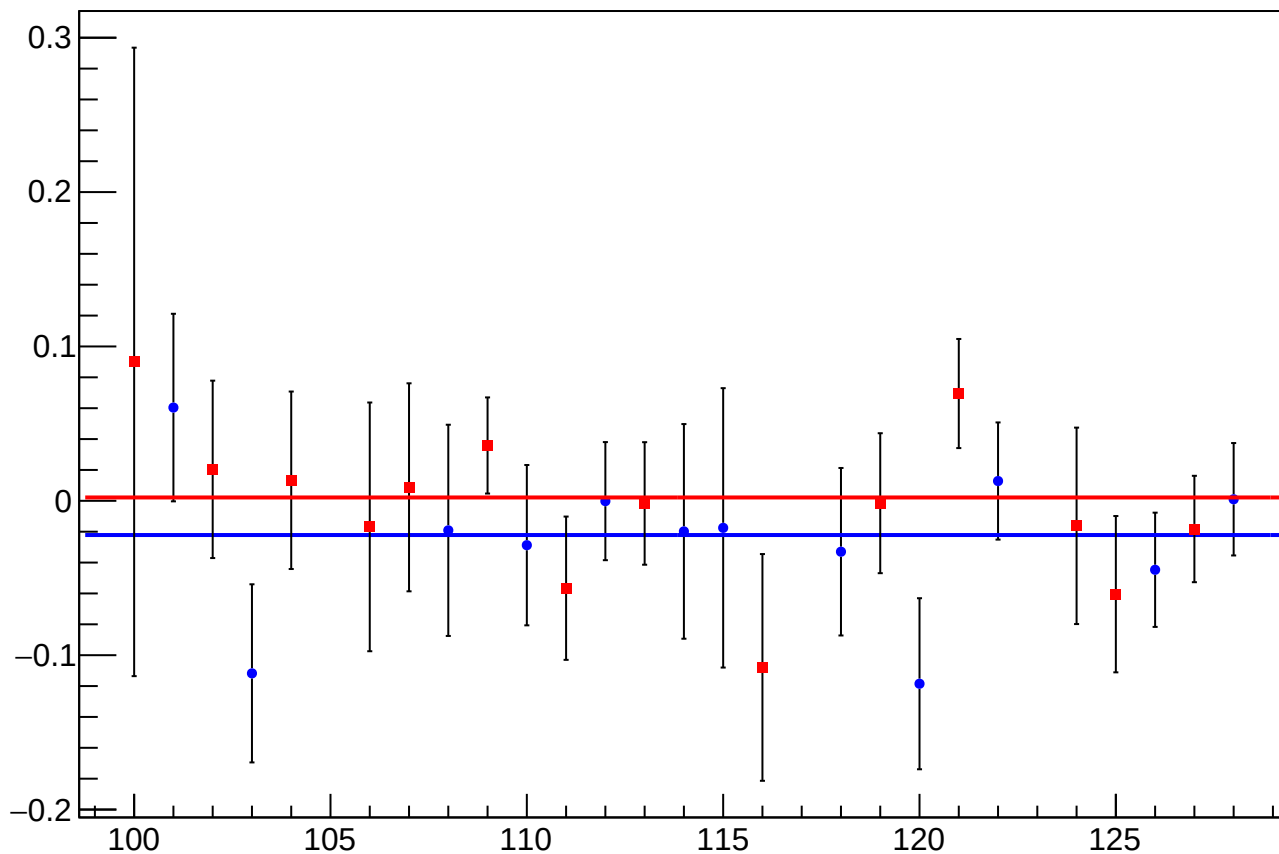
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.517+/-0.007 χ^2/NDF : 1274818.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.022 $\pm$ 0.014 χ^2 /NDF: 9.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.013 χ^2 /NDF: 11.0/13

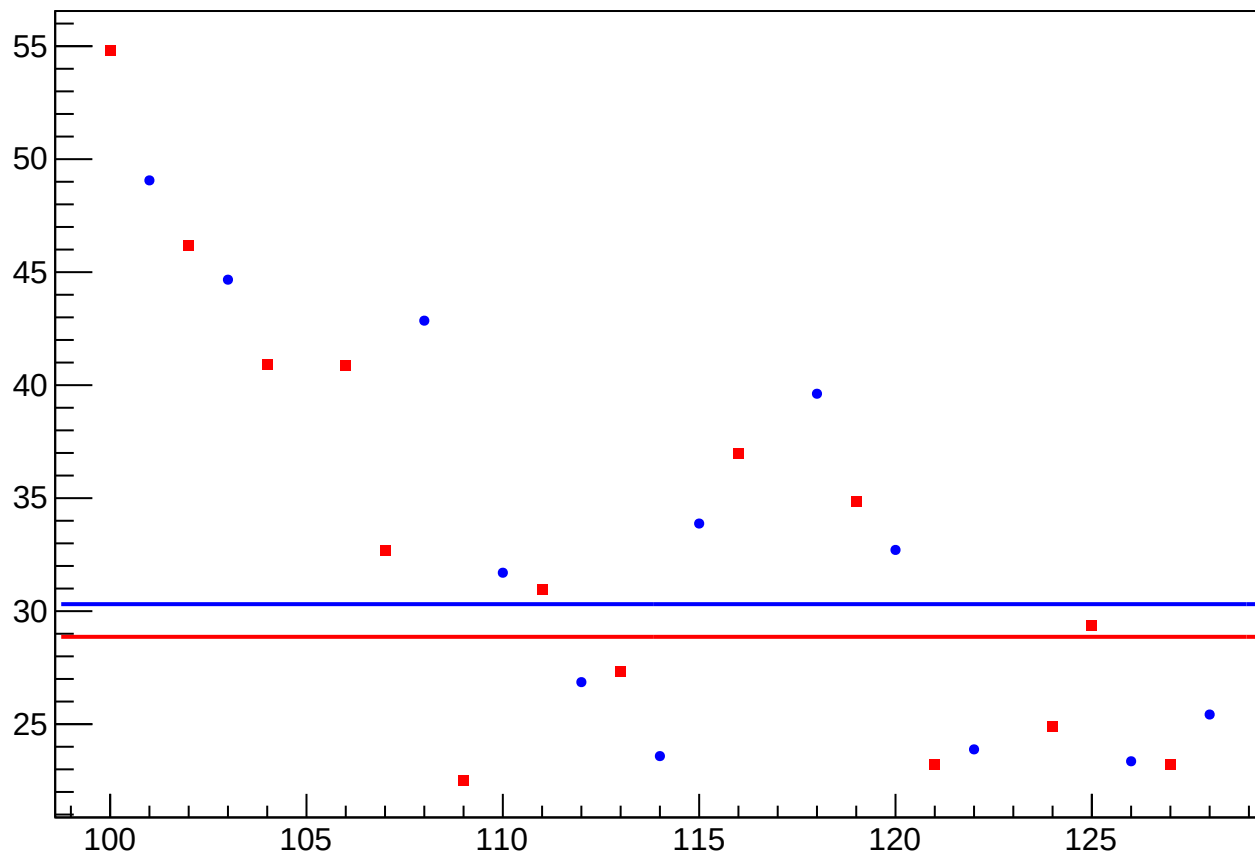
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.009 $\pm$ 0.009 χ^2 /NDF: 22.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 30.310+/-0.010 χ^2/NDF : 647675.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.864+/-0.009 χ^2/NDF : 615652.6/13

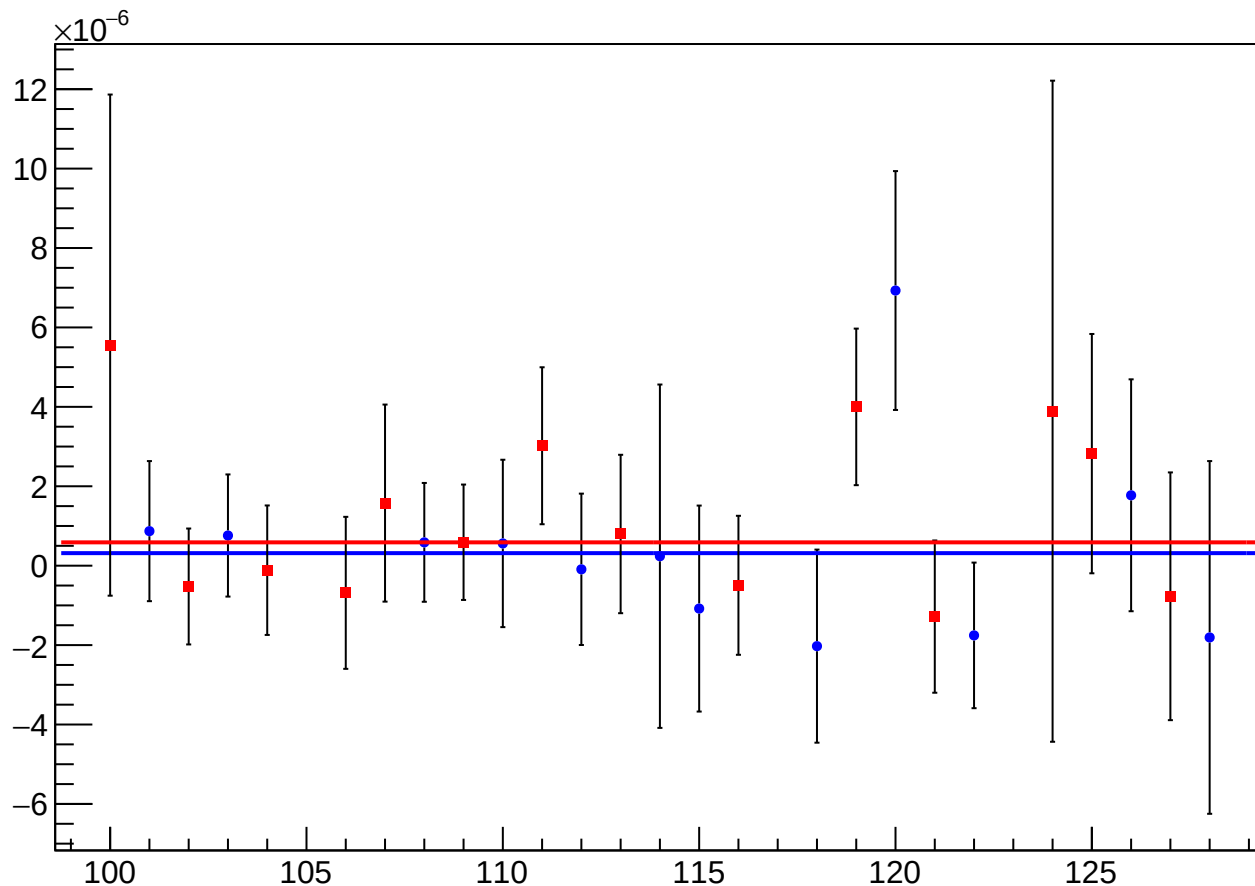
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.517+/-0.007 χ^2/NDF : 1274818.2/25

- 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: 8.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.7/13

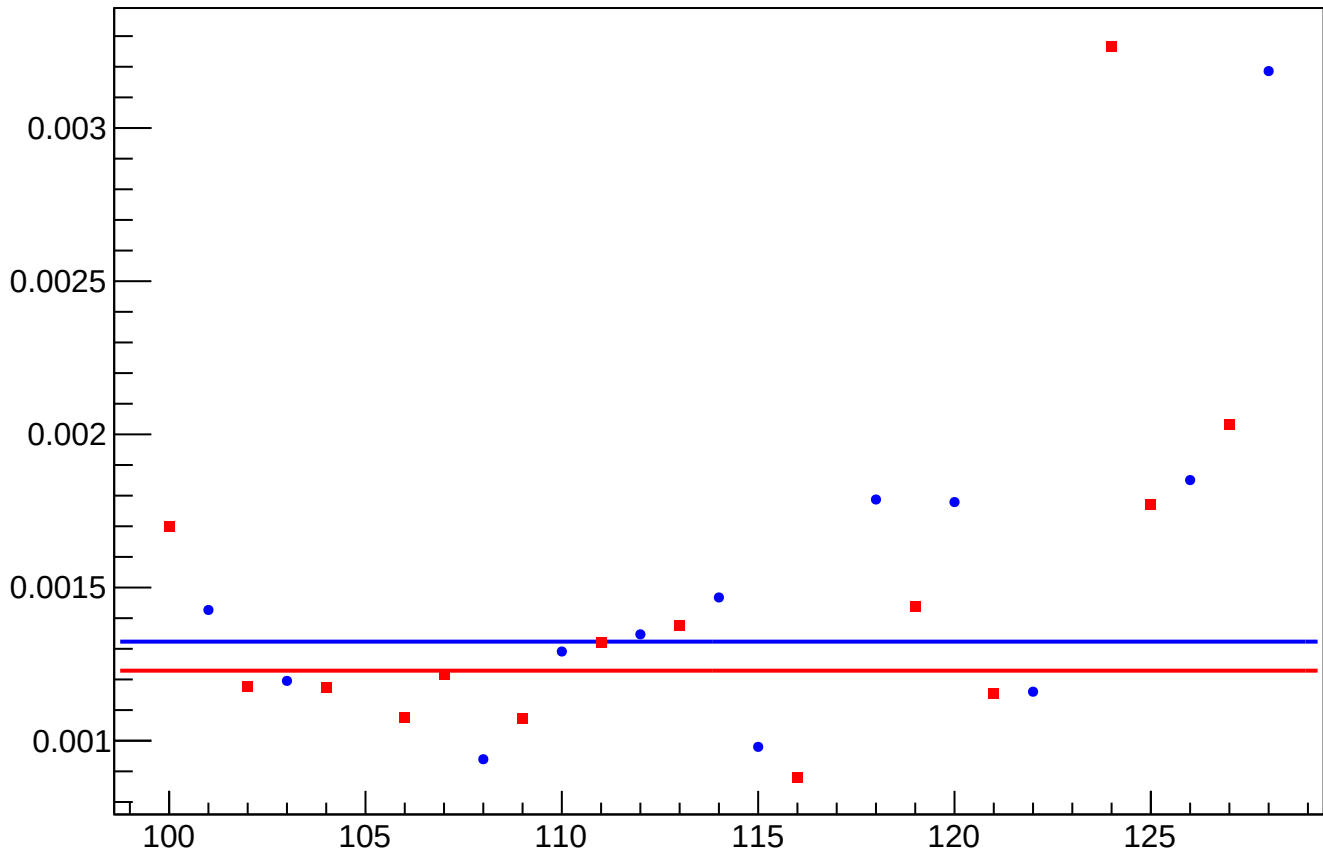
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.9/25

- 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 : 742019.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 489251.1/13

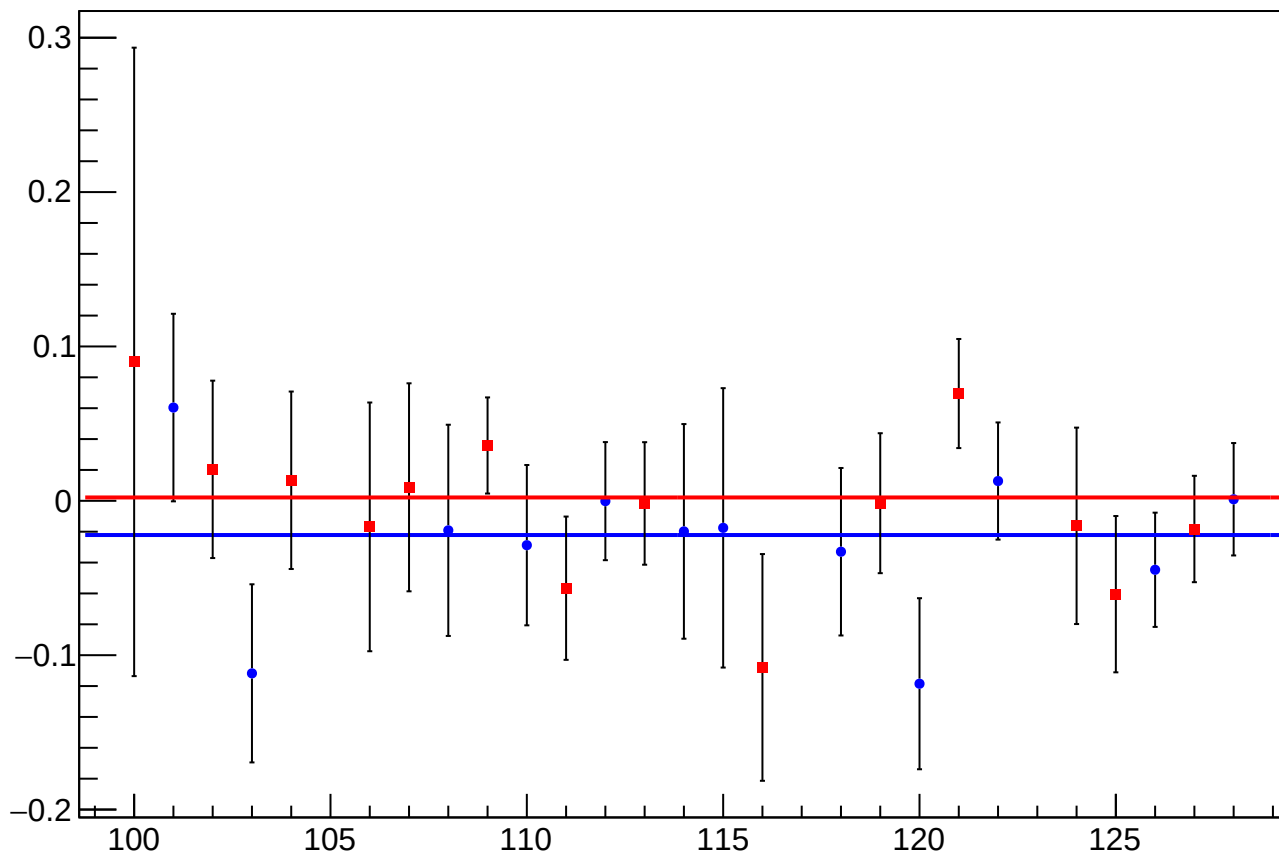
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1257844.8/25

- 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: -0.022 $\pm$ 0.014 χ^2 /NDF: 9.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.013 χ^2 /NDF: 11.0/13

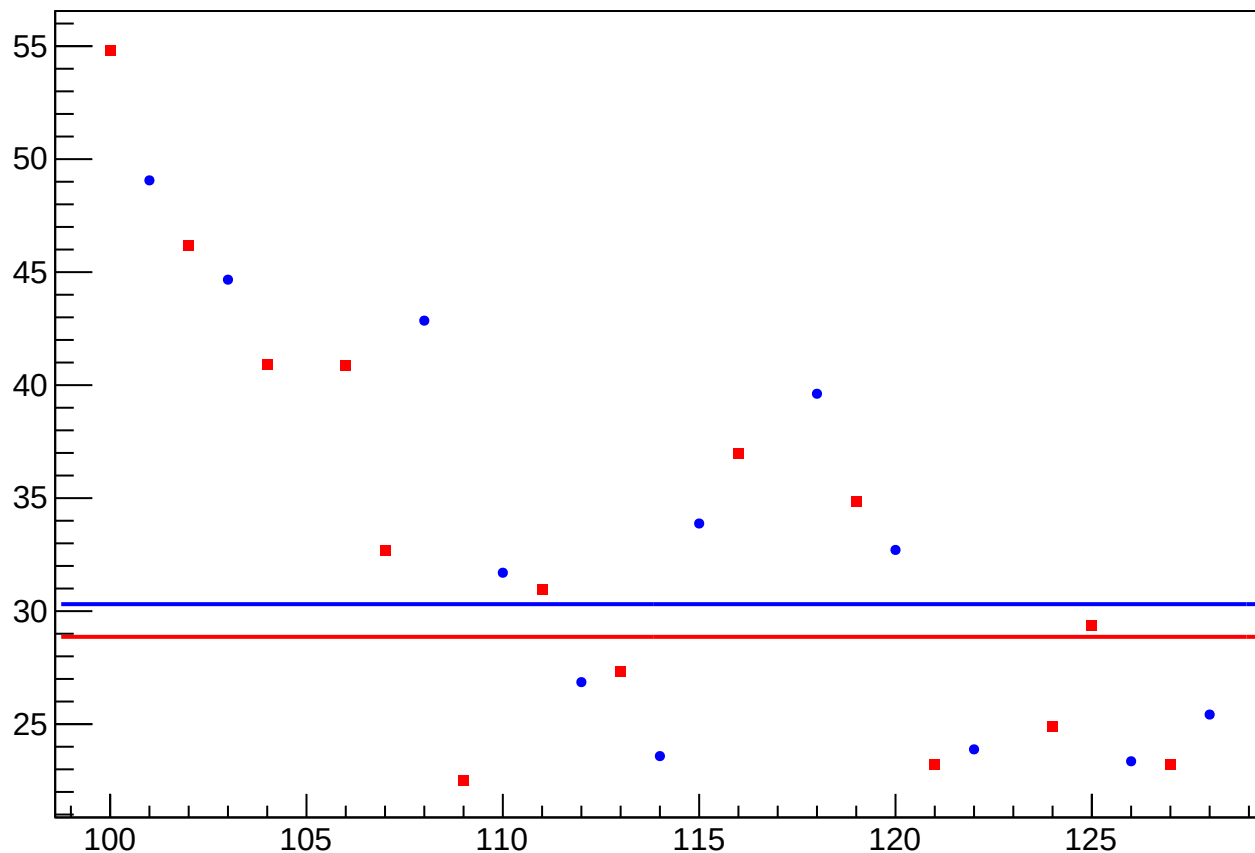
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.009 $\pm$ 0.009 χ^2 /NDF: 22.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 30.309+/-0.010 χ^2/NDF : 647736.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.863+/-0.009 χ^2/NDF : 615729.2/13

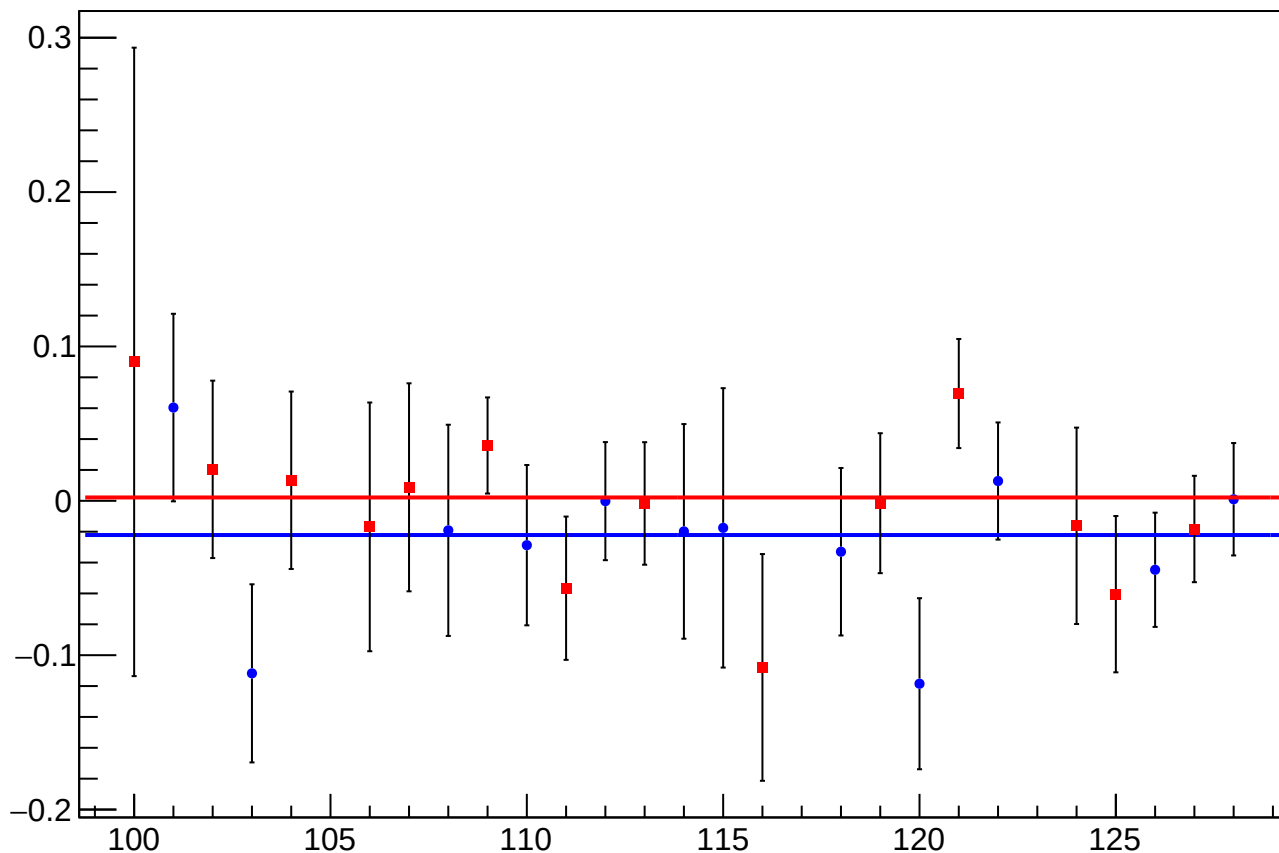
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.516+/-0.007 χ^2/NDF : 1274956.7/25

- 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: -0.022 $\pm$ 0.014 χ^2 /NDF: 9.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.013 χ^2 /NDF: 11.0/13

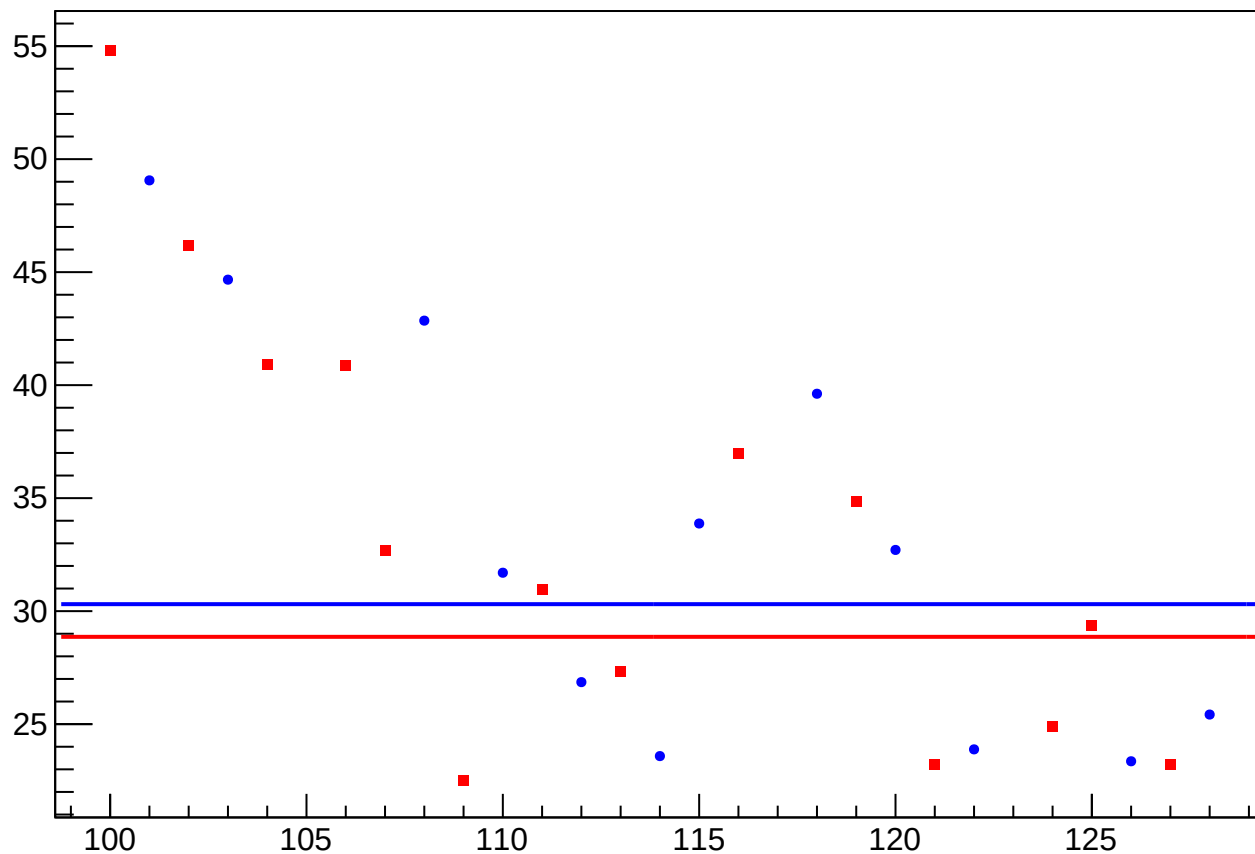
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.009 $\pm$ 0.009 χ^2 /NDF: 22.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 30.309+/-0.010 χ^2/NDF : 647736.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.863+/-0.009 χ^2/NDF : 615729.2/13

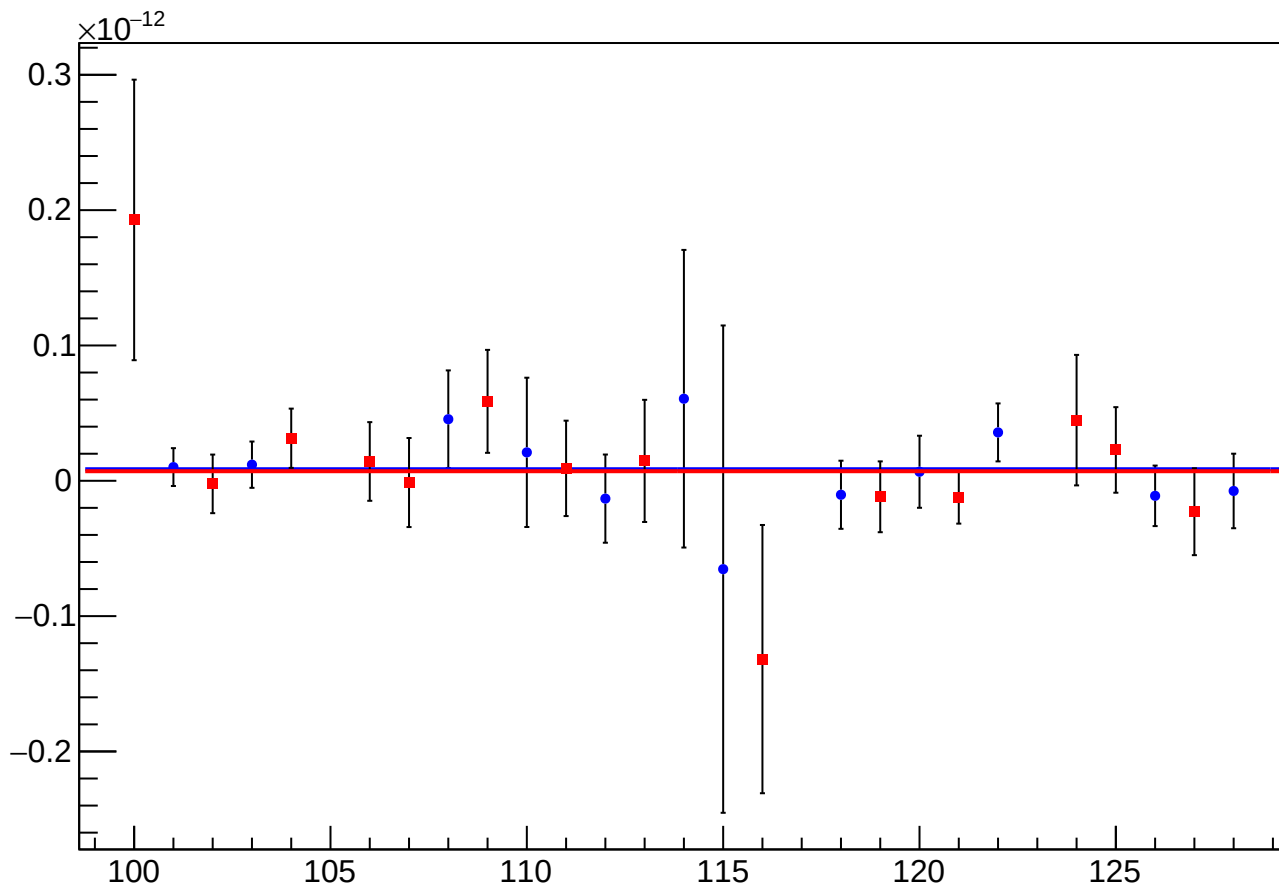
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.516+/-0.007 χ^2/NDF : 1274956.7/25

- 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: 5.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.8/13

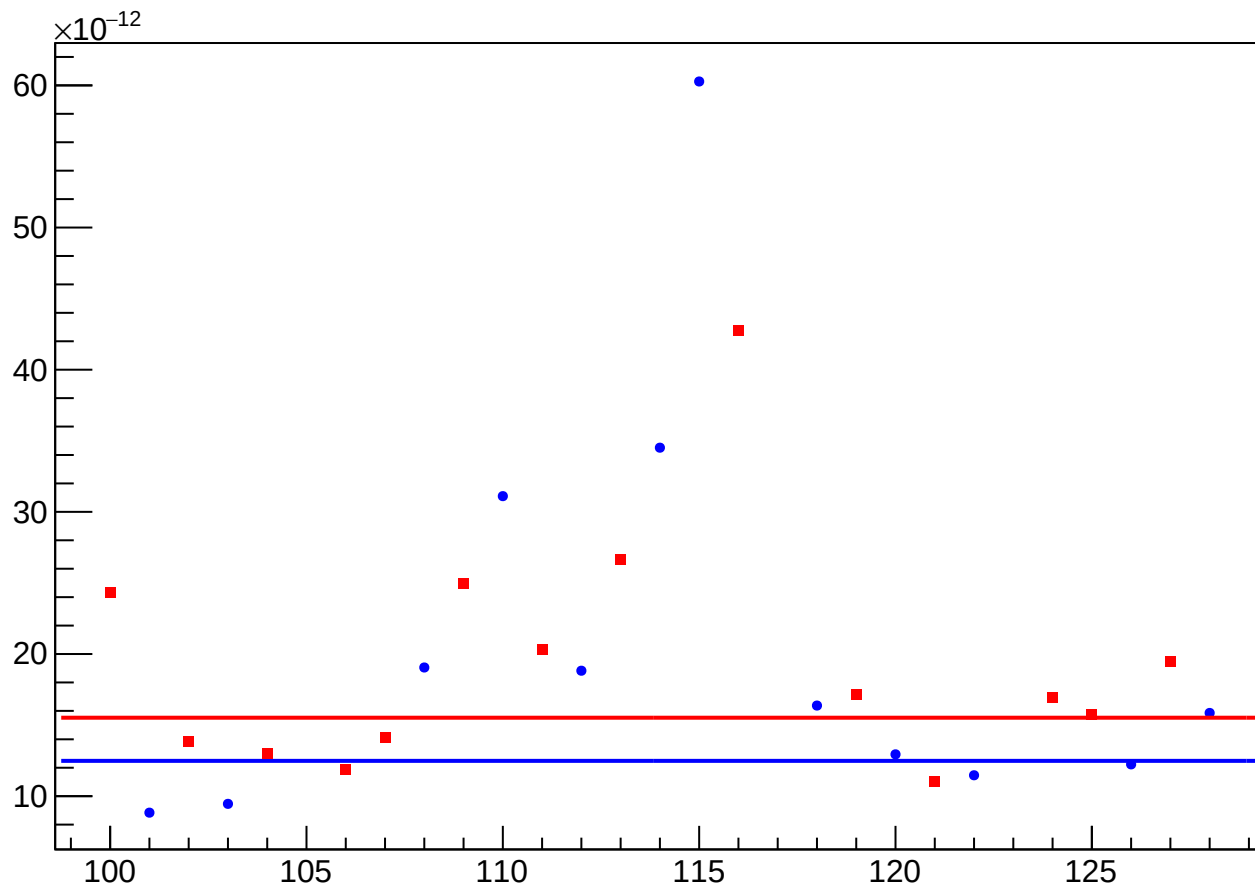
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.1/25

- 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 : 872543.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 669482.0/13

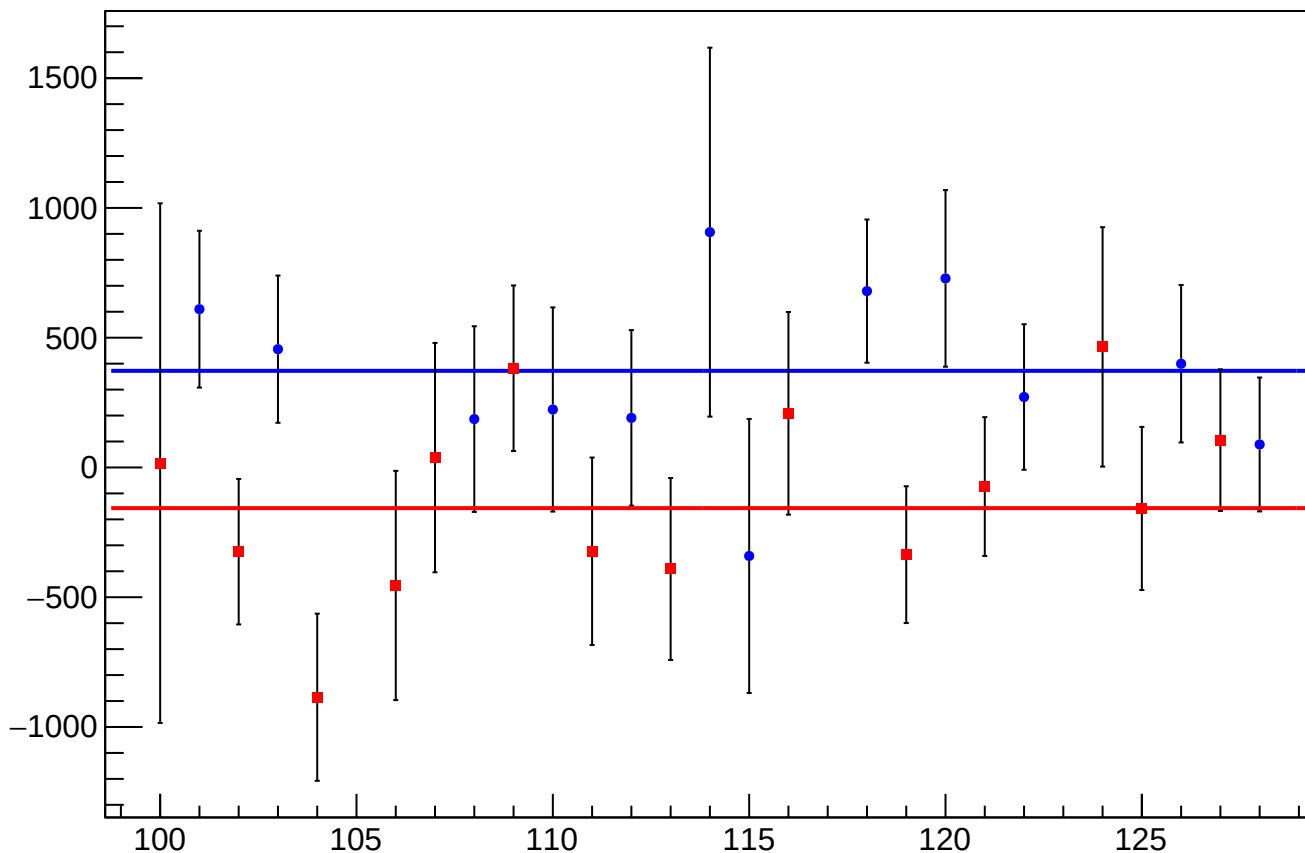
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1697246.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_mean vs Slug



Right In: 372.282 $\pm$ 94.346 χ^2 /NDF: 7.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -156.712 $\pm$ 90.370 χ^2 /NDF: 13.8/13

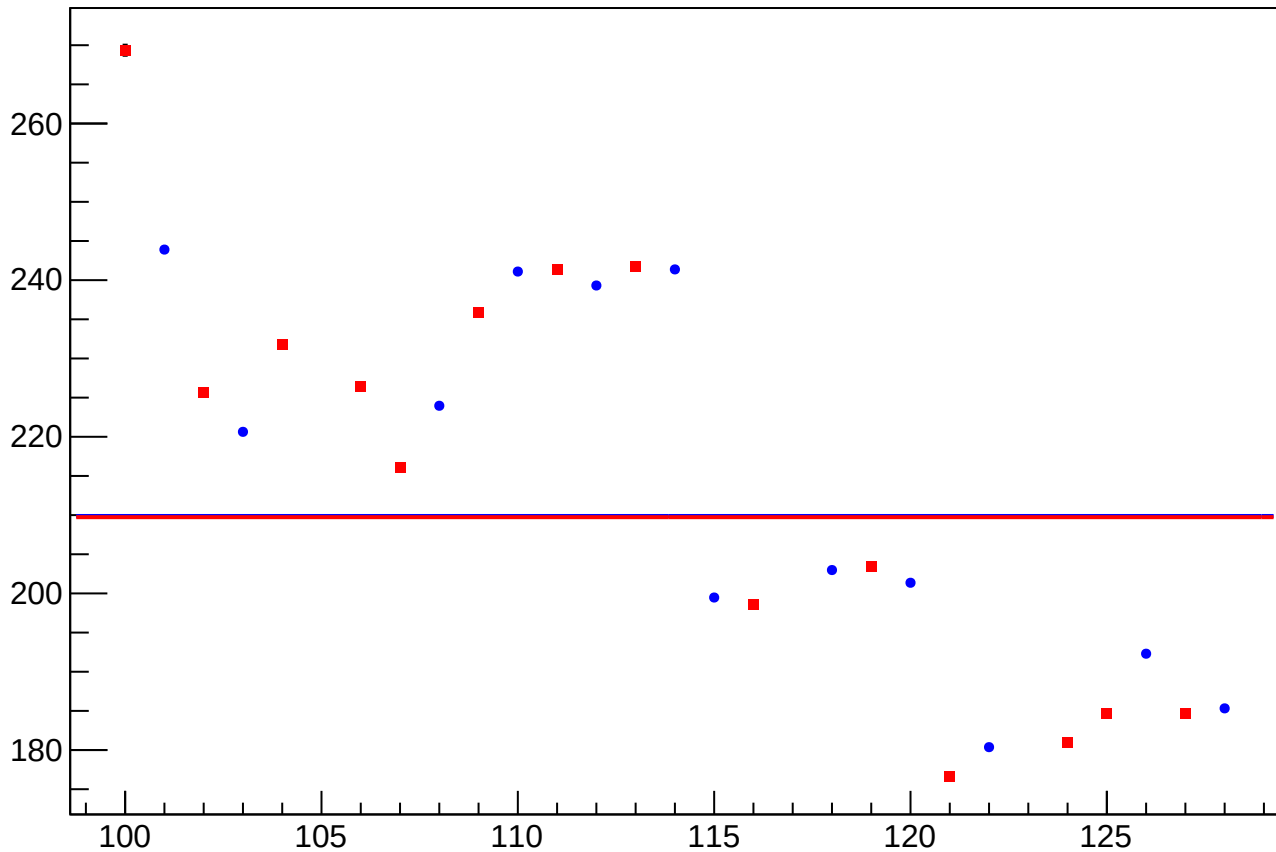
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 96.403 $\pm$ 65.262 χ^2 /NDF: 37.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_dd_rms vs Slug



Right In: 209.888 $\pm$ 0.067 χ^2 /NDF: 113278.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 209.735 $\pm$ 0.064 χ^2 /NDF: 142376.4/13

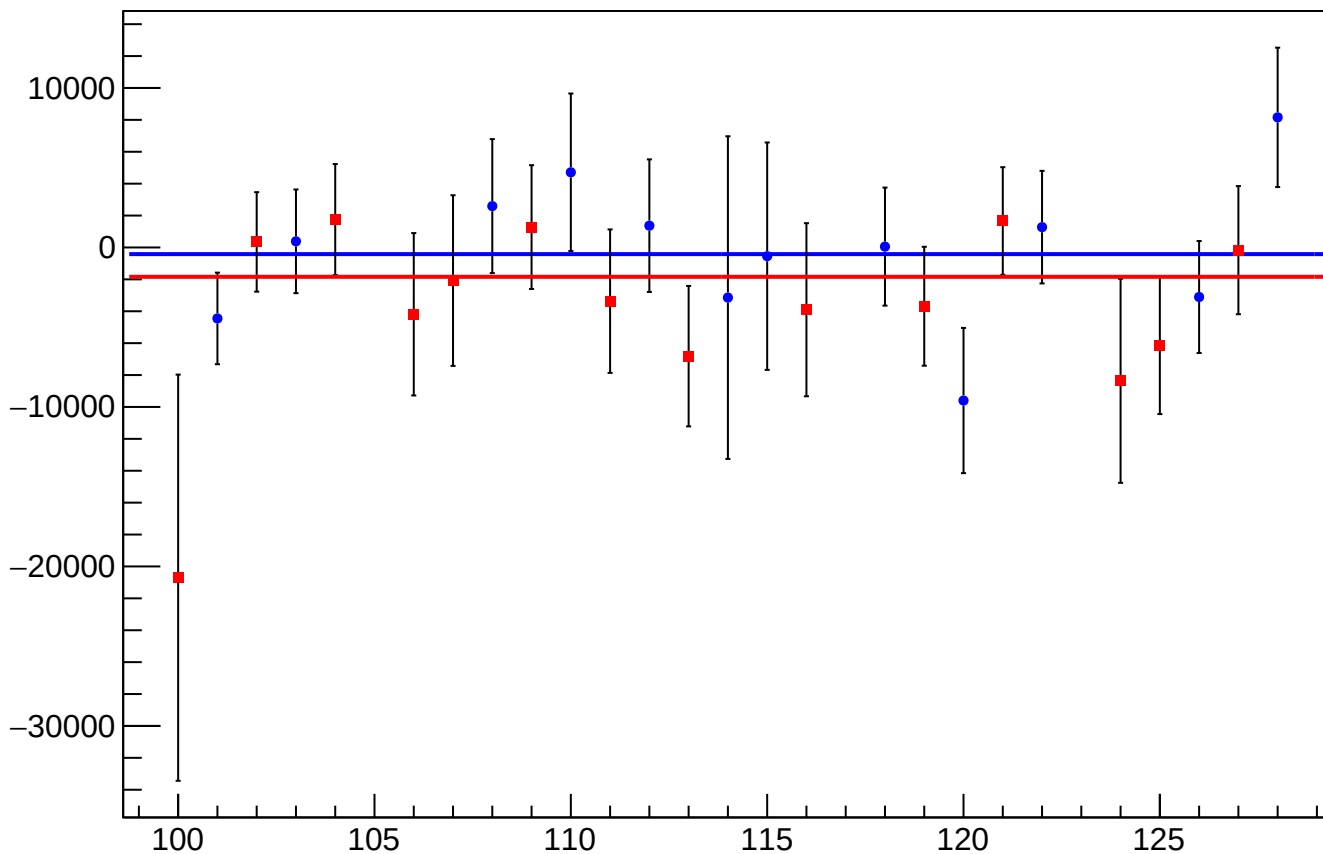
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 209.808 $\pm$ 0.046 χ^2 /NDF: 255657.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_reg_correction_mean vs Slug



Right In: -417.733+/-1165.593 χ^2/NDF : 12.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1840.074+/-1142.469 χ^2/NDF : 9.7/13

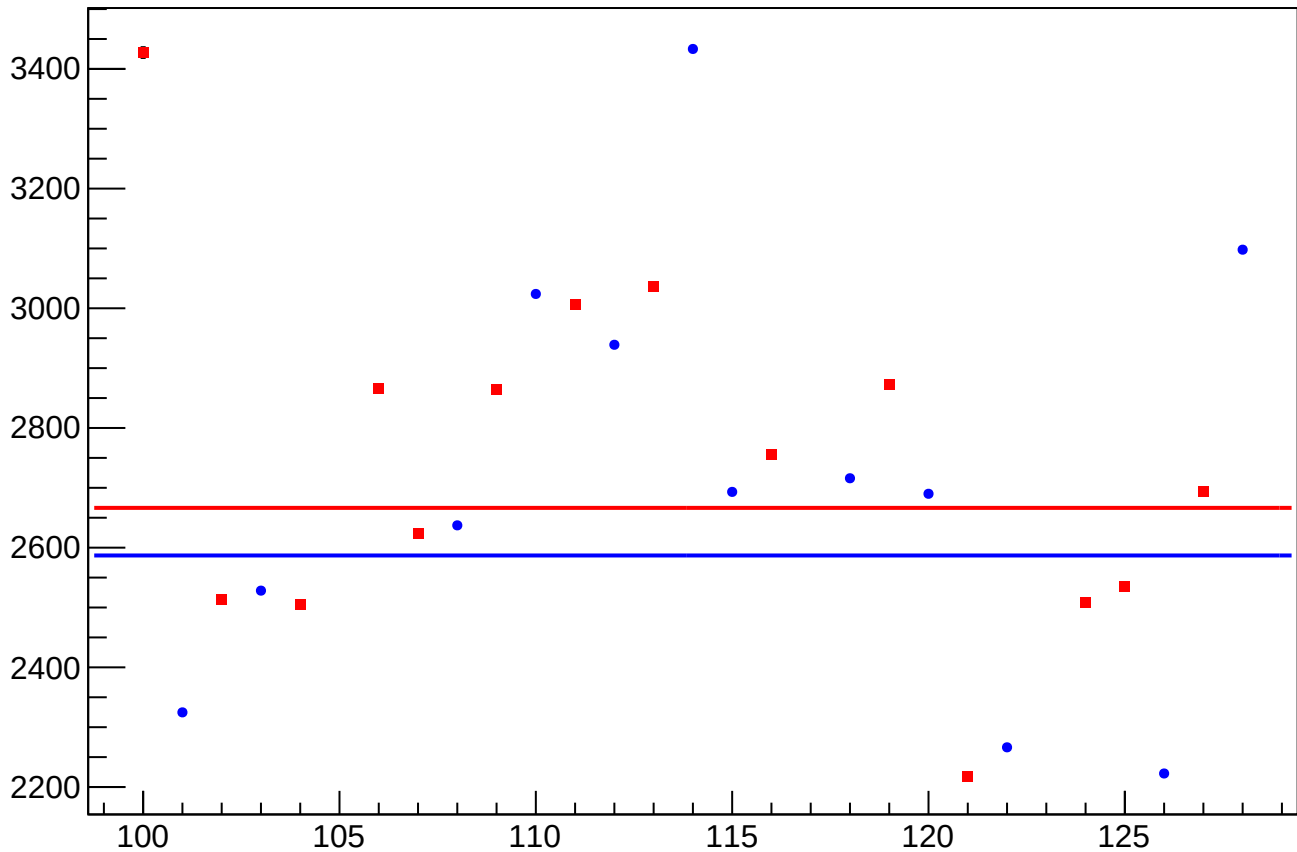
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1143.151+/-815.900 χ^2/NDF : 23.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_reg_correction_rms vs Slug



Right In: 2586.937 $\pm$ 0.824 χ^2 /NDF: 130931.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

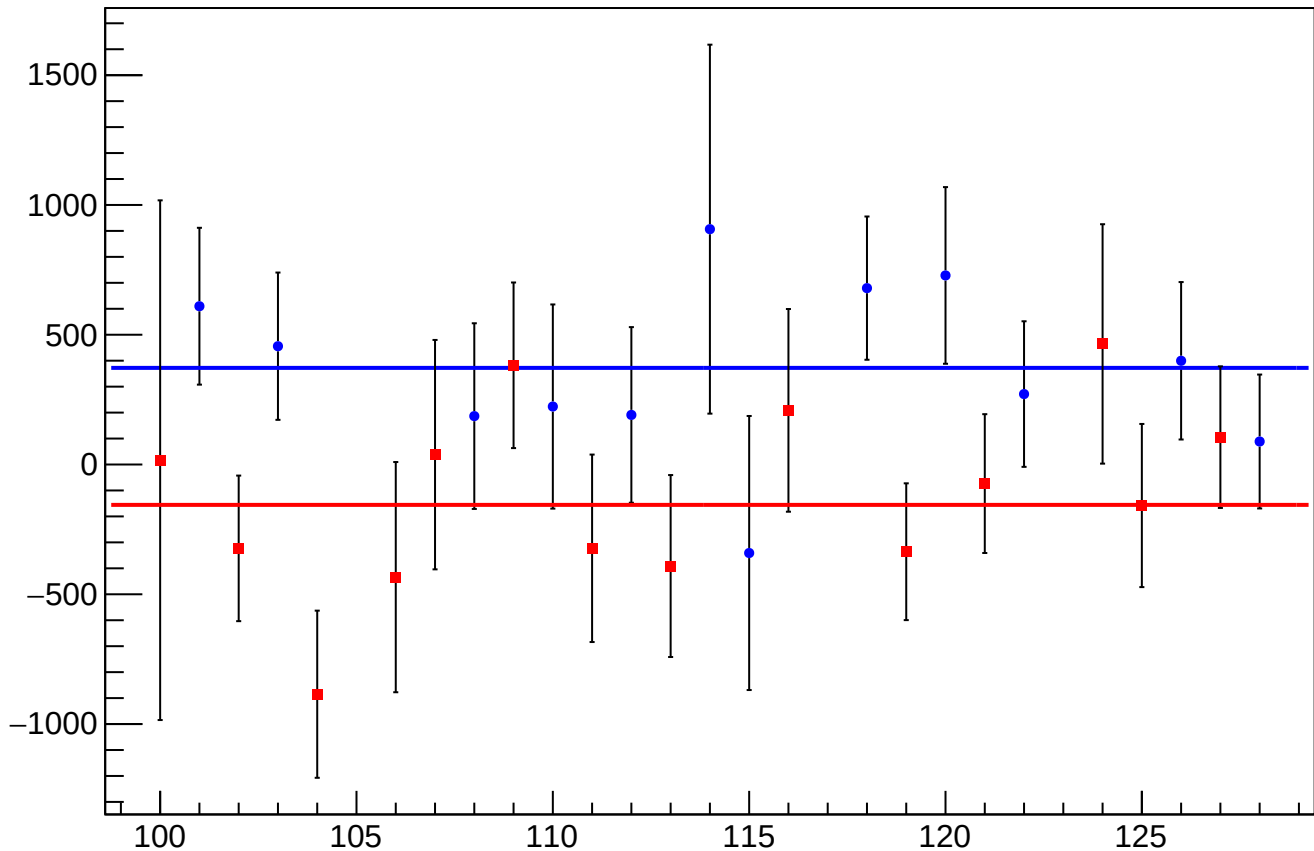
Right Out: 2666.480 $\pm$ 0.808 χ^2 /NDF: 95410.2/13

All: 2627.505 $\pm$ 0.577 χ^2 /NDF: 231091.7/25

- sign 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_26_dd_mean vs Slug



Right In: 372.301 $\pm$ 94.346 χ^2 /NDF: 7.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -155.563 $\pm$ 90.388 χ^2 /NDF: 13.8/13

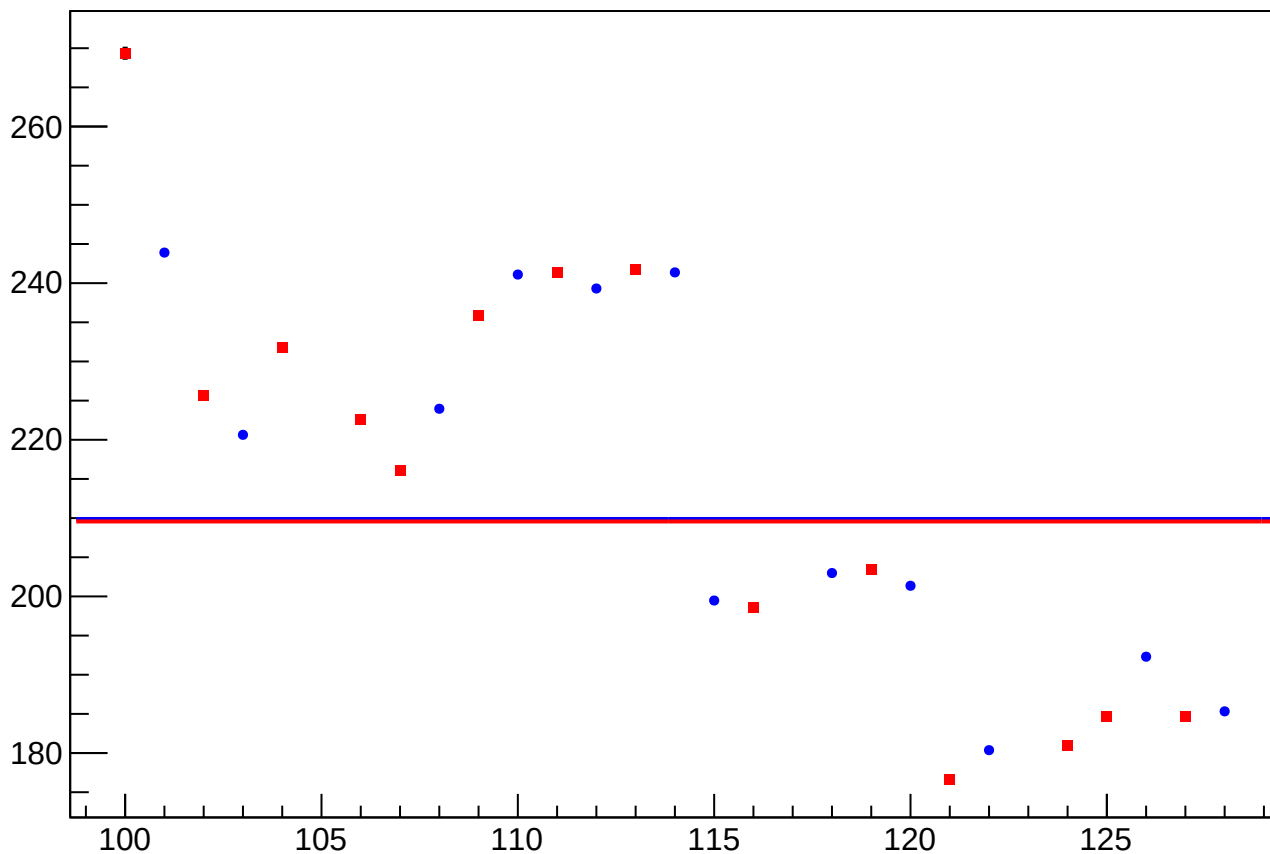
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 97.064 $\pm$ 65.268 χ^2 /NDF: 37.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_26_dd_rms vs Slug



Right In: 209.888 $\pm$ 0.067 χ^2 /NDF: 113278.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 209.571 $\pm$ 0.064 χ^2 /NDF: 141214.6/13

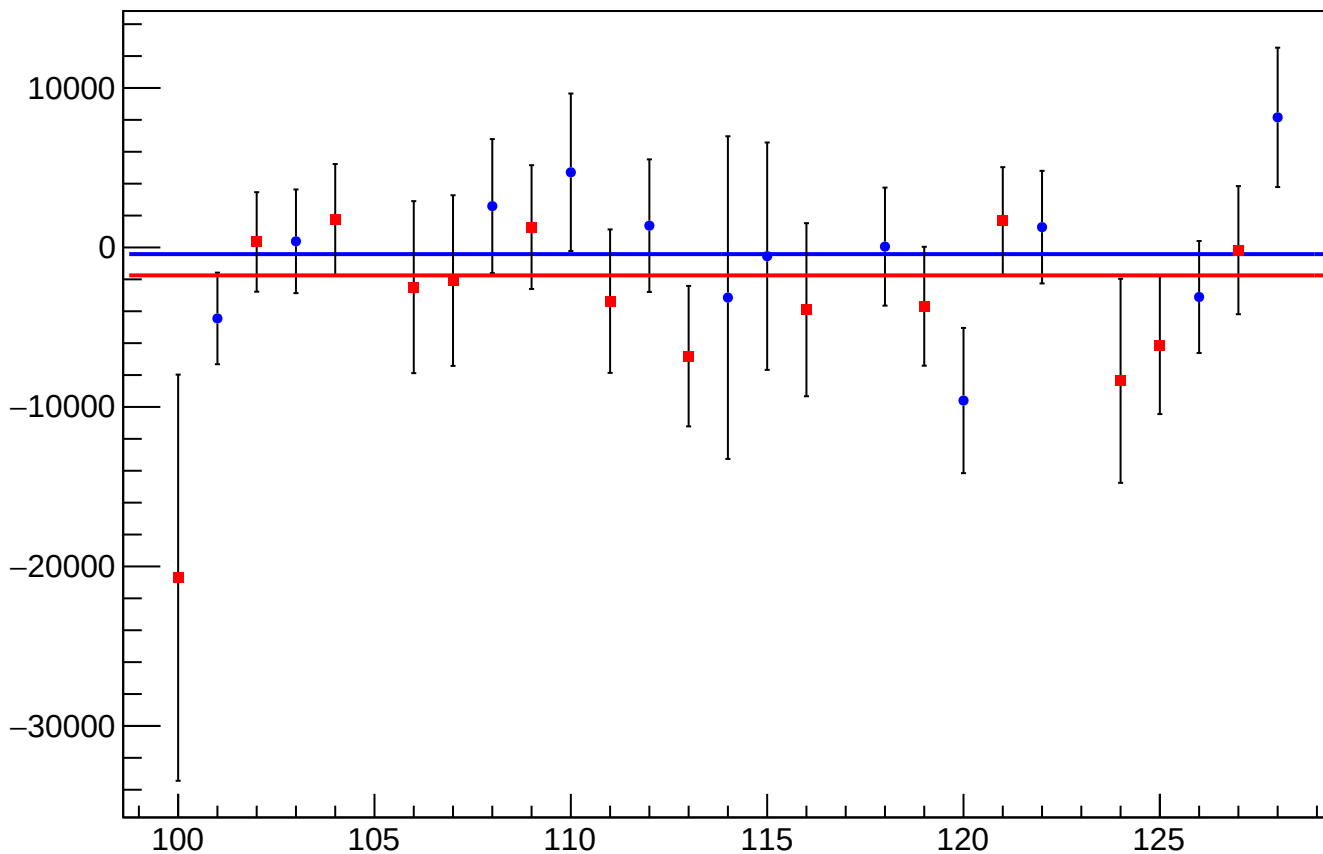
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 209.723 $\pm$ 0.046 χ^2 /NDF: 254504.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_cor_correction_mean vs Slug



Right In: -417.636+/-1165.597 χ^2/NDF : 12.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1750.937+/-1145.665 χ^2/NDF : 9.5/13

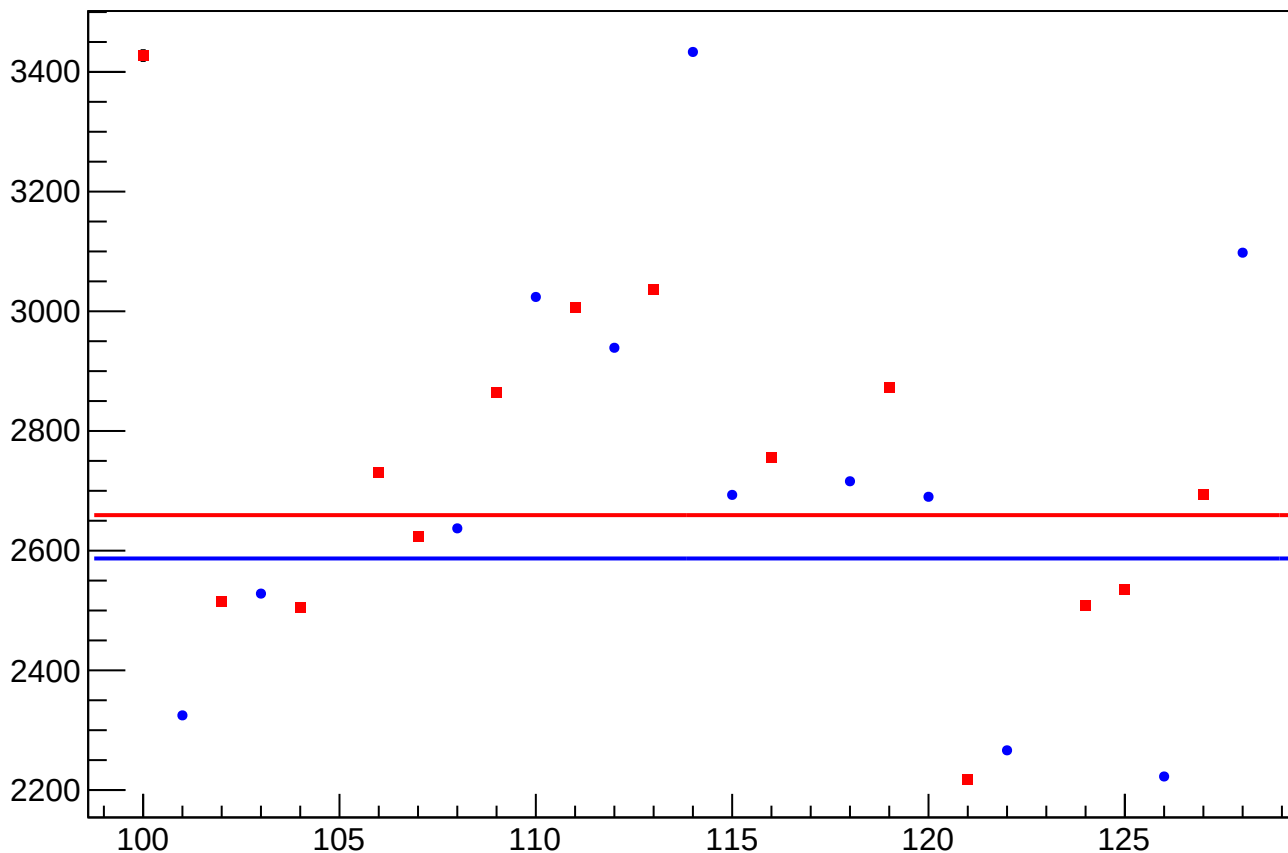
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1095.783+/-817.063 χ^2/NDF : 22.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_cor_correction_rms vs Slug



Right In: 2586.945+/-0.824 χ^2/NDF : 130929.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2659.364+/-0.810 χ^2/NDF : 92456.5/13

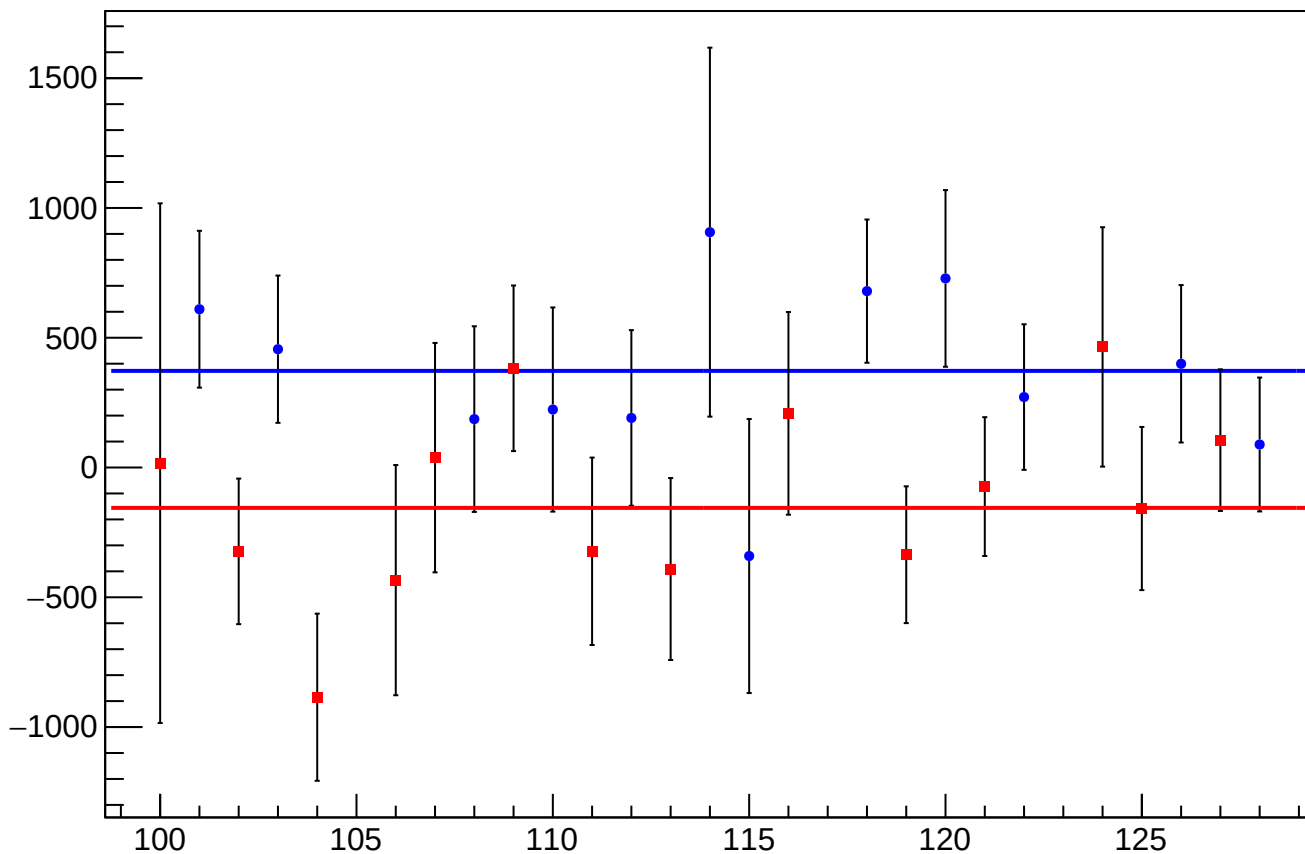
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2623.779+/-0.578 χ^2/NDF : 227313.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_26_dd_mean vs Slug



Right In: 372.301 $\pm$ 94.346 χ^2 /NDF: 7.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -155.563 $\pm$ 90.388 χ^2 /NDF: 13.8/13

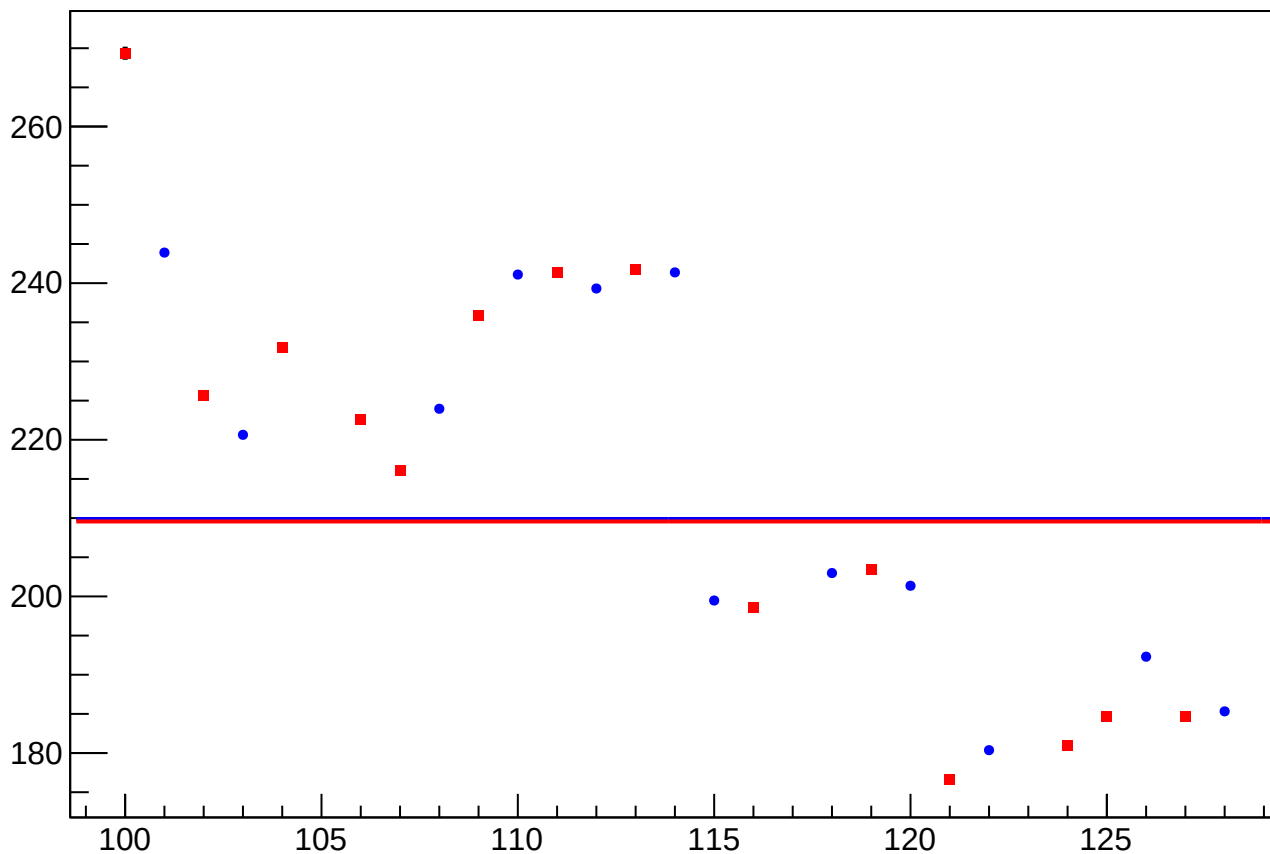
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 97.064 $\pm$ 65.268 χ^2 /NDF: 37.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_26_dd_rms vs Slug



Right In: 209.888 $\pm$ 0.067 χ^2 /NDF: 113278.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 209.571 $\pm$ 0.064 χ^2 /NDF: 141214.6/13

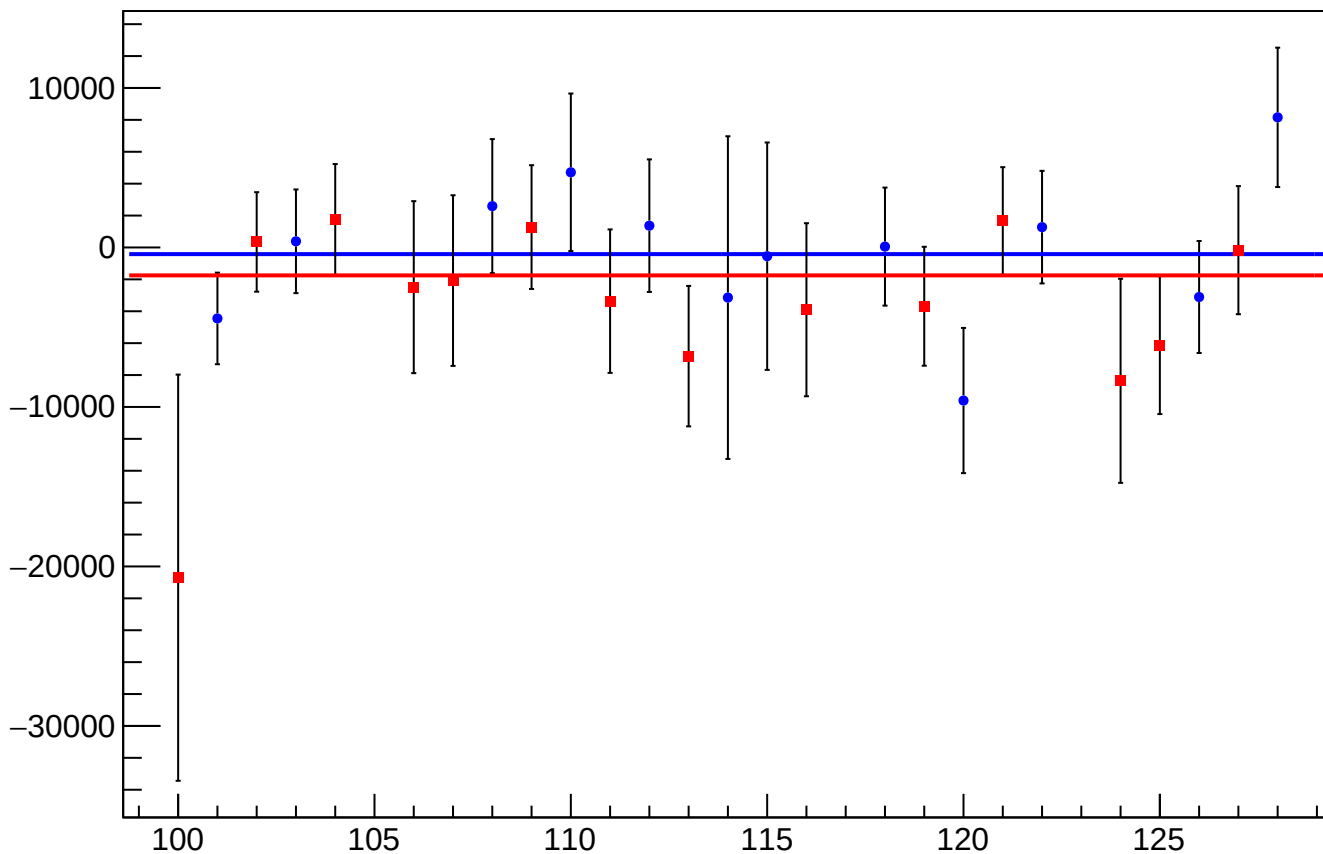
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 209.723 $\pm$ 0.046 χ^2 /NDF: 254504.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_cor_correction_mean vs Slug



Right In: -417.636+/-1165.597 χ^2/NDF : 12.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1750.937+/-1145.665 χ^2/NDF : 9.5/13

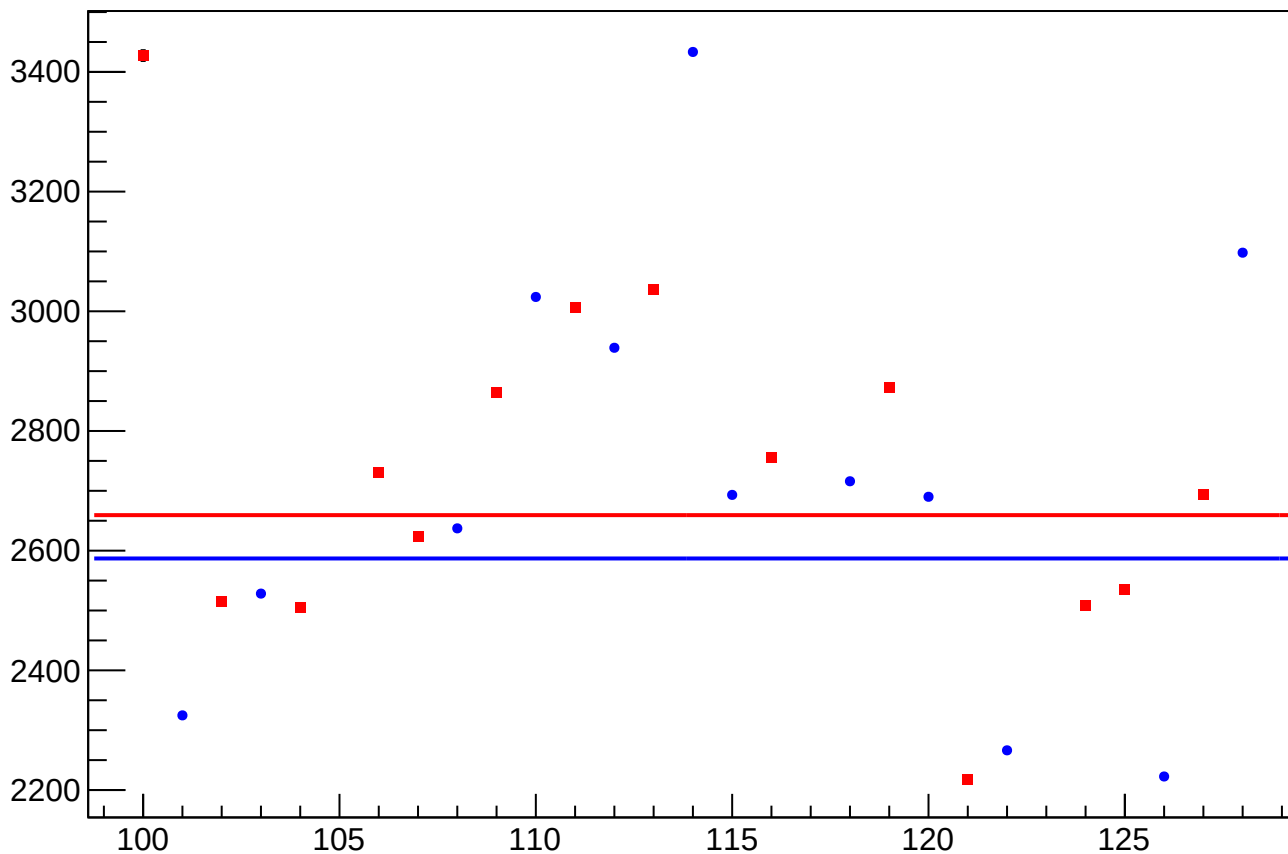
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1095.783+/-817.063 χ^2/NDF : 22.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_eigen_cor_correction_rms vs Slug



Right In: 2586.945+/-0.824 χ^2/NDF : 130929.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

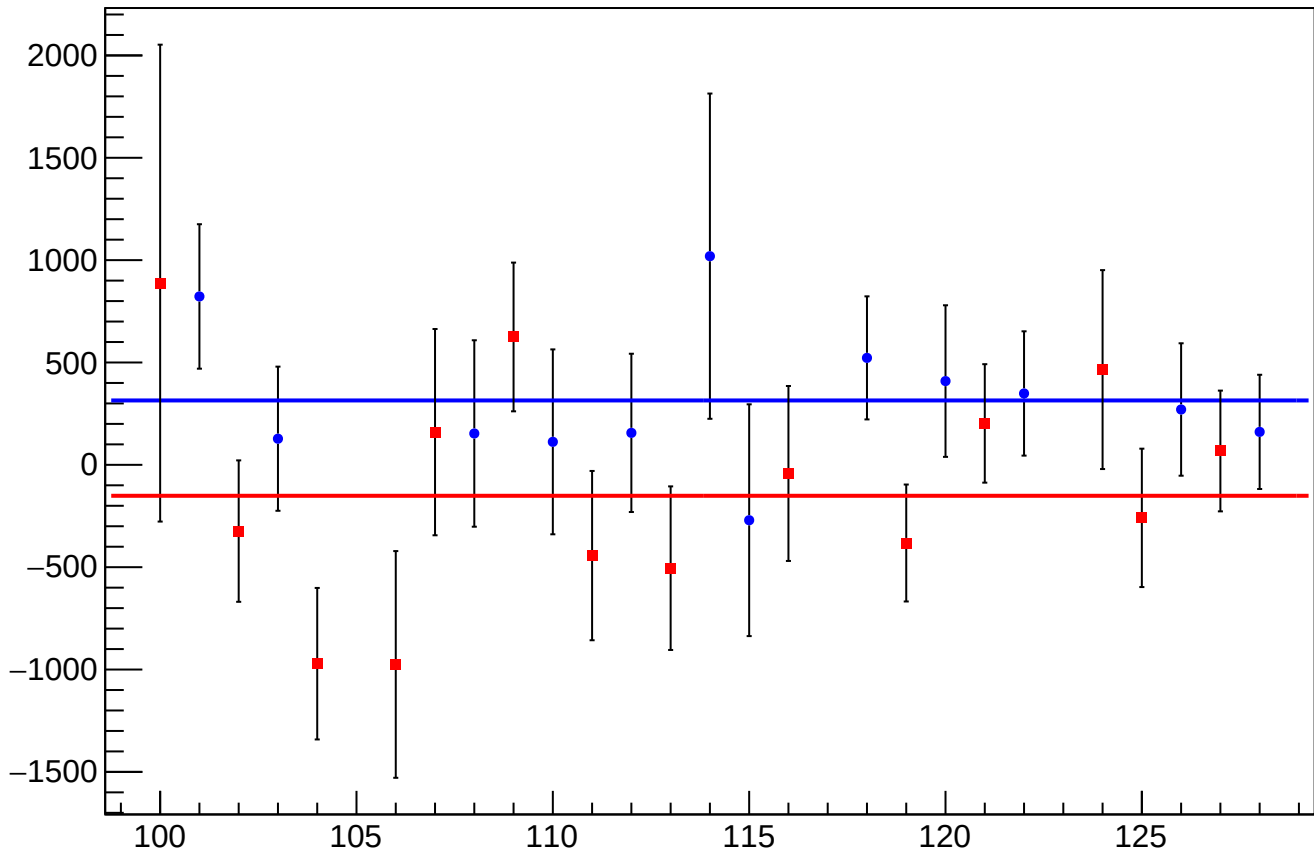
Right Out: 2659.364+/-0.810 χ^2/NDF : 92456.5/13

All: 2623.779+/-0.578 χ^2/NDF : 227313.0/25

- 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: 314.559 $\pm$ 106.105 χ^2 /NDF: 5.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -151.179 $\pm$ 101.293 χ^2 /NDF: 18.9/13

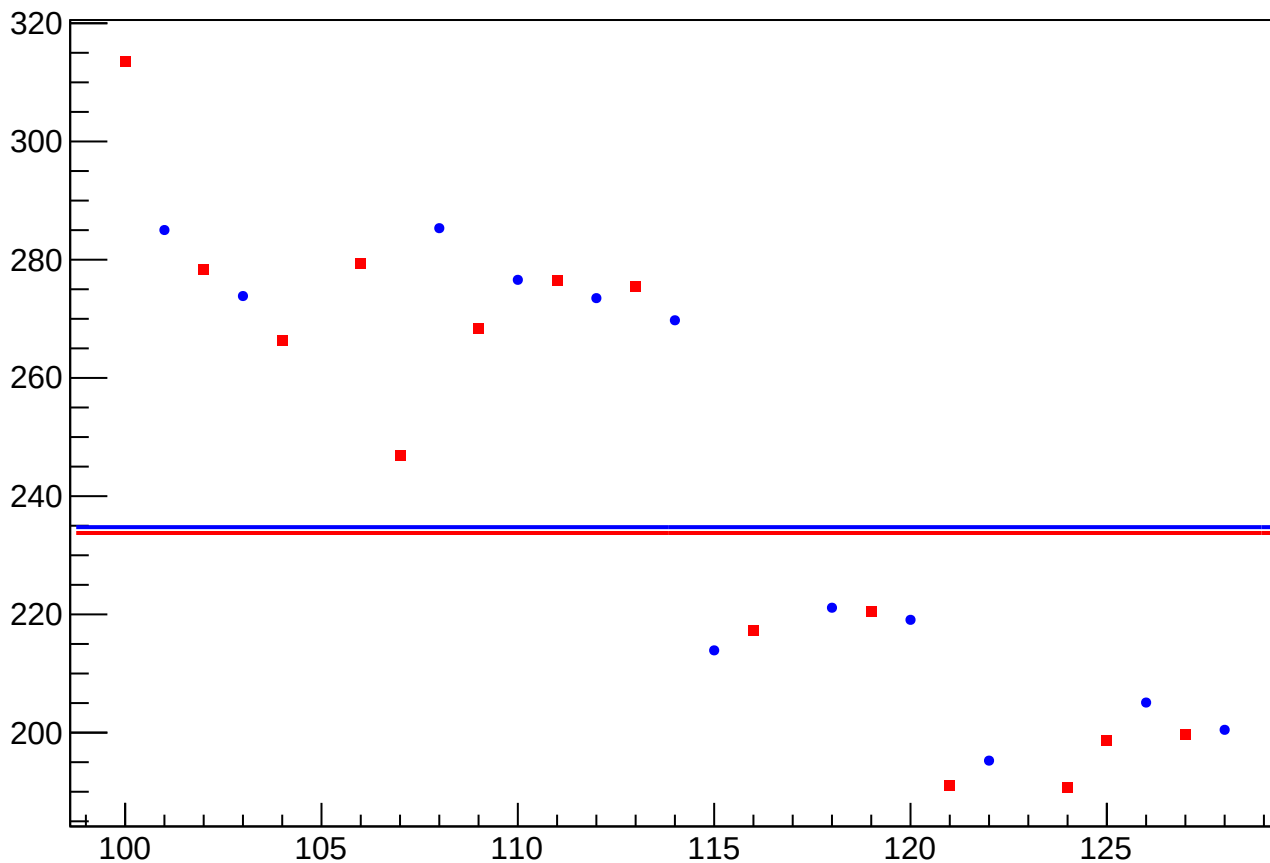
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 70.891 $\pm$ 73.267 χ^2 /NDF: 34.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_26_dd_rms vs Slug



Right In: 234.761 $\pm$ 0.075 χ^2 /NDF: 222289.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 233.771 $\pm$ 0.072 χ^2 /NDF: 249041.5/13

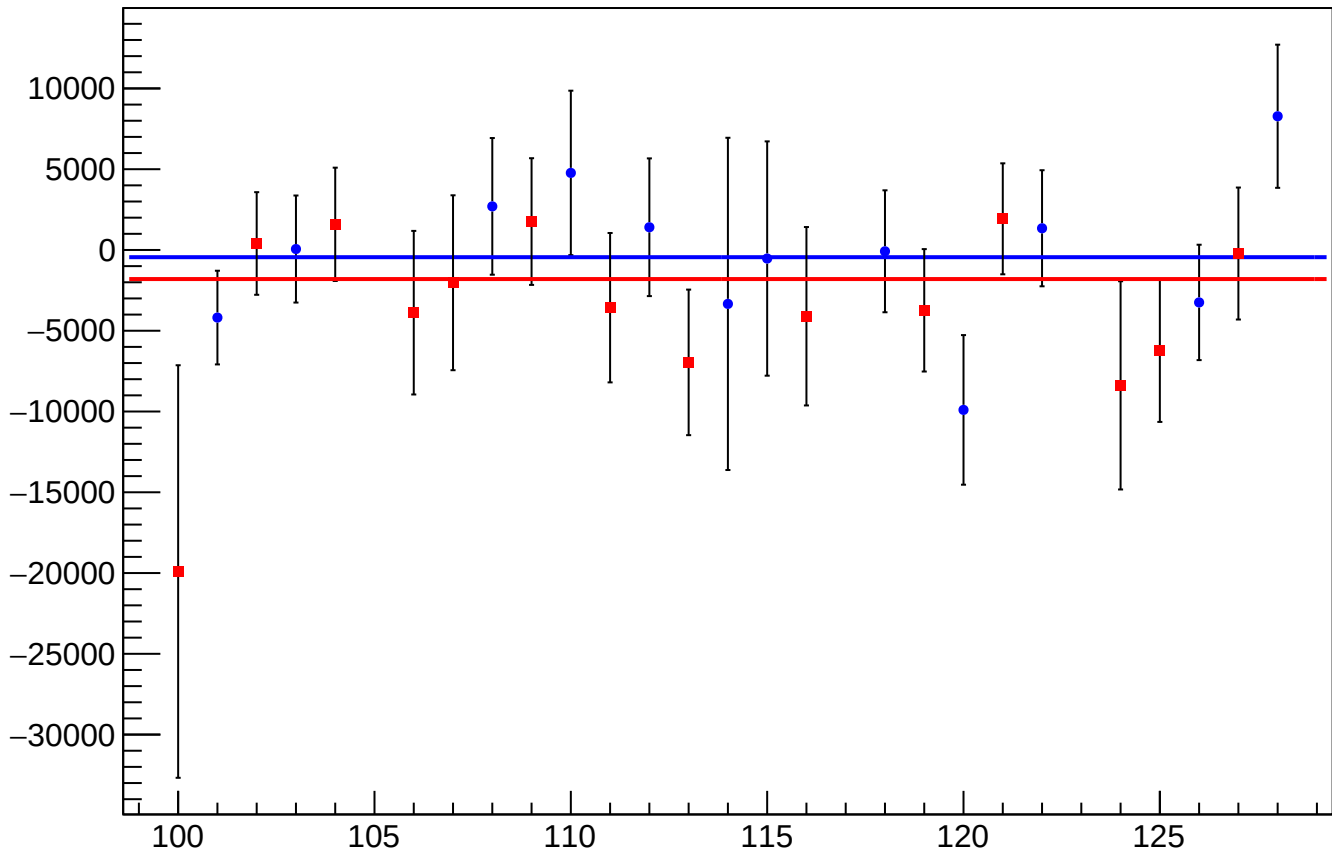
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 234.243 $\pm$ 0.052 χ^2 /NDF: 471421.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_dit_correction_mean vs Slug



Right In: -446.503±/1185.440 χ^2/NDF : 12.5/11

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: -1800.424±/1159.625 χ^2/NDF : 9.7/13

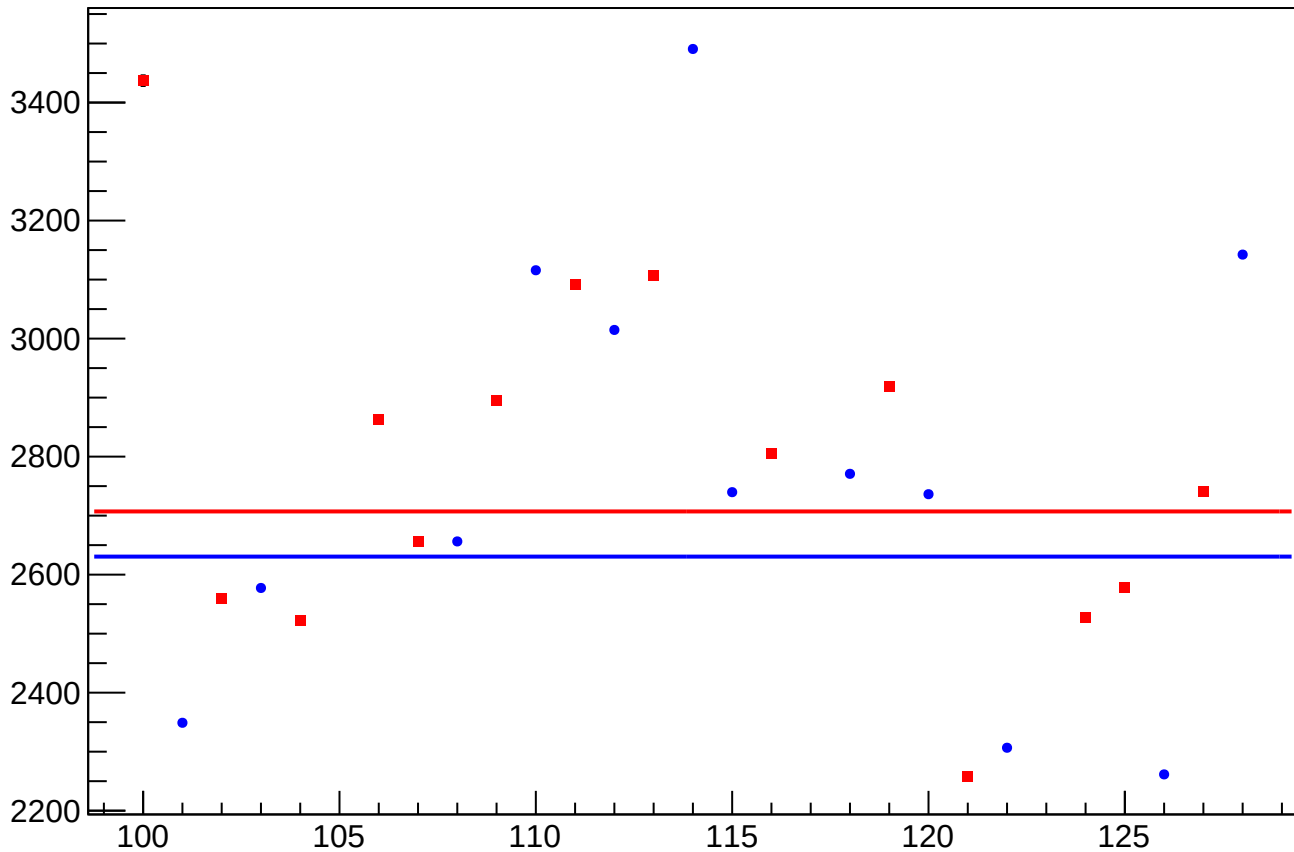
Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

+ sign 0.000±/0.000 χ^2/NDF : 0.0/0

All: -1138.366±/828.955 χ^2/NDF : 22.8/25

- sign 0.000±/0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_dit_correction_rms vs Slug



Right In: 2630.568 $\pm$ 0.838 χ^2 /NDF: 136415.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2707.099 $\pm$ 0.820 χ^2 /NDF: 97009.7/13

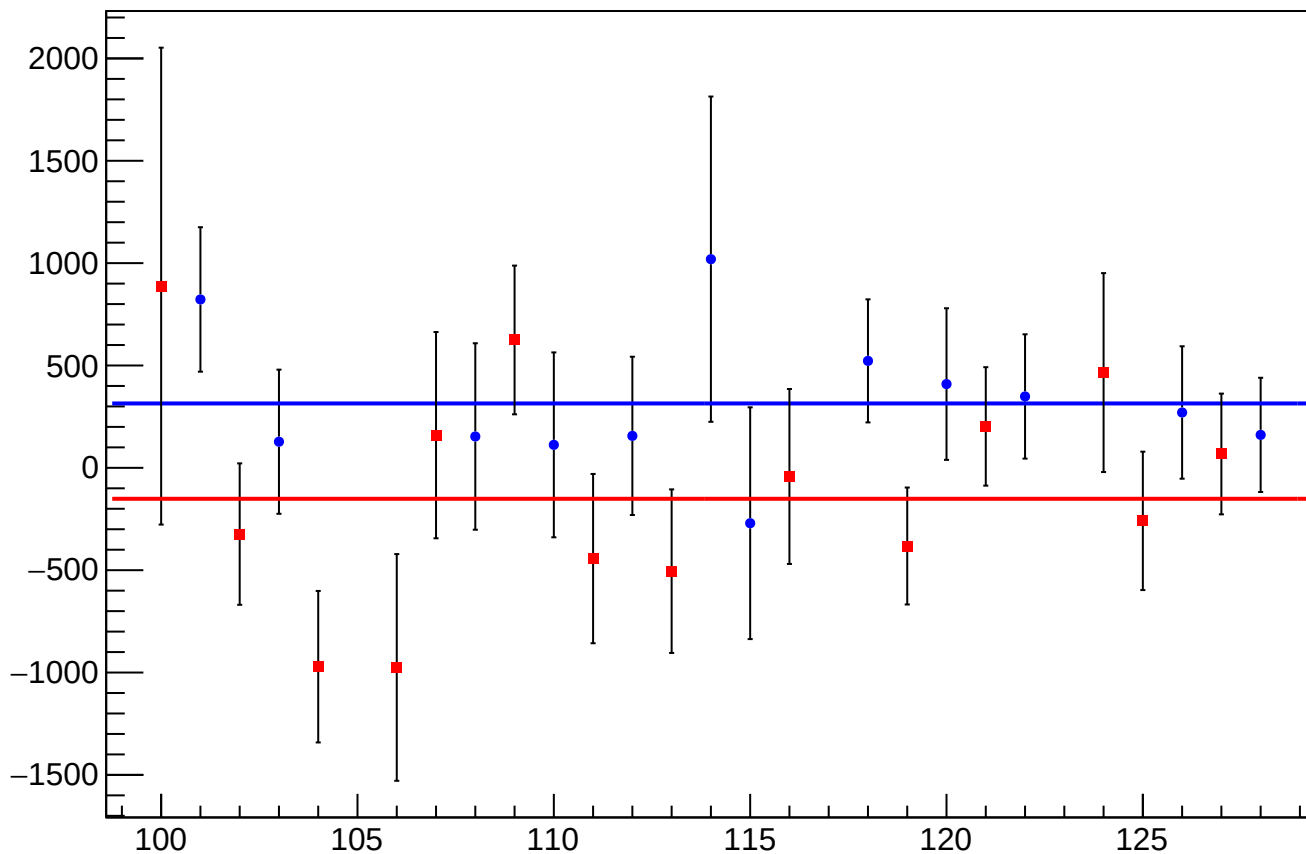
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2669.676 $\pm$ 0.586 χ^2 /NDF: 237684.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_26_dd_mean vs Slug



Right In: 314.556 ± 106.105 χ^2/NDF : 5.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -151.175 ± 101.293 χ^2/NDF : 18.9/13

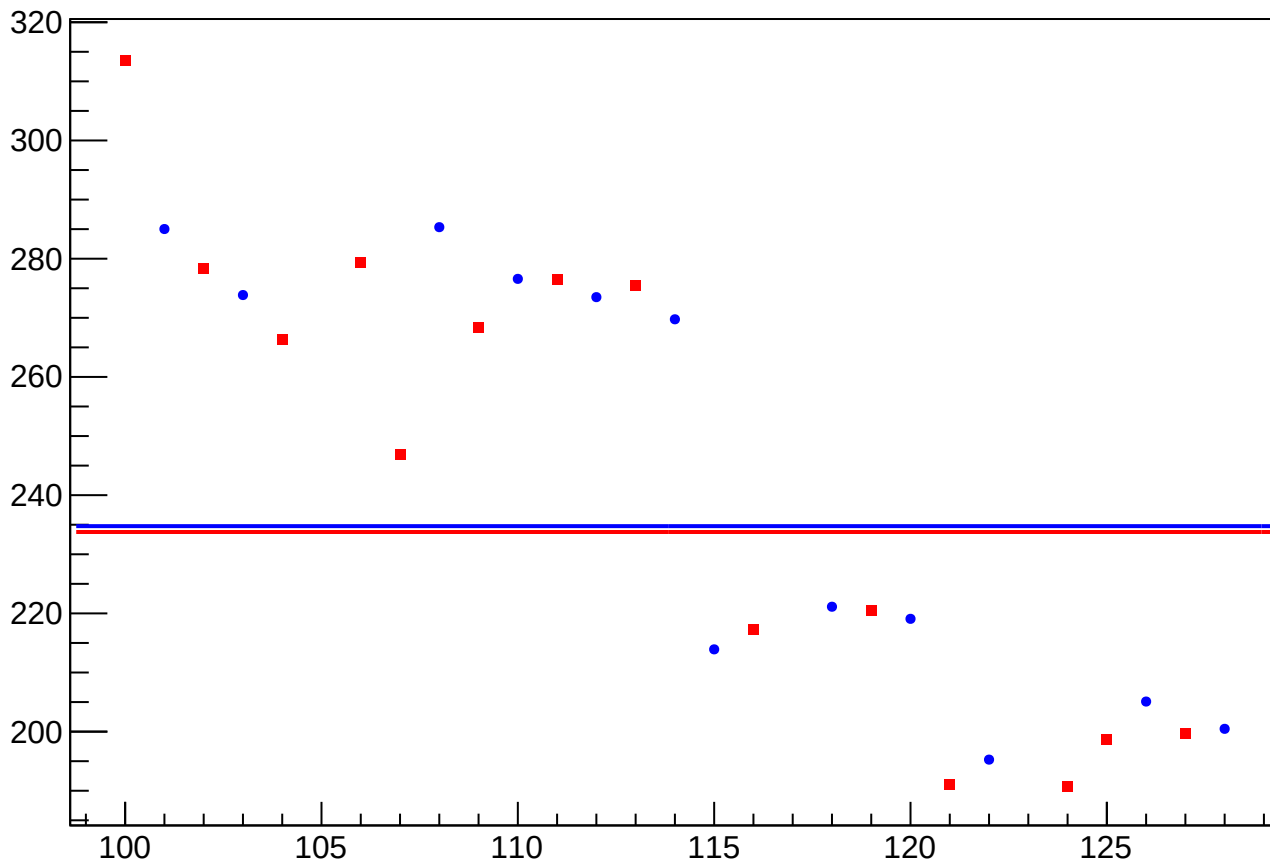
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 70.891 ± 73.267 χ^2/NDF : 34.5/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_26_dd_rms vs Slug



Right In: 234.759+/-0.075 χ^2/NDF : 222285.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 233.770+/-0.072 χ^2/NDF : 249035.0/13

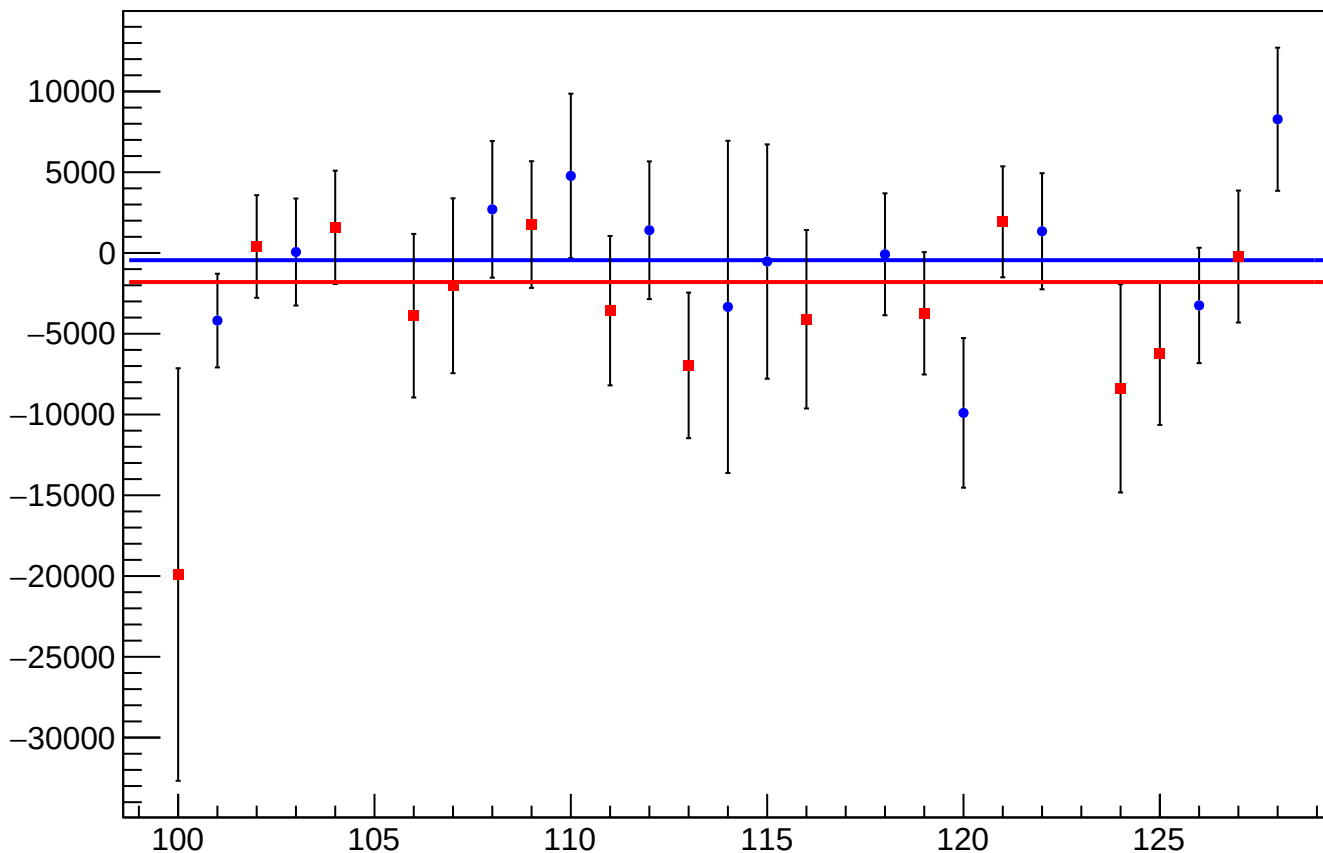
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.242+/-0.052 χ^2/NDF : 471411.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_eigen_dit_correction_mean vs Slug



Right In: -446.501+/-1185.437 χ^2/NDF : 12.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1800.419+/-1159.622 χ^2/NDF : 9.7/13

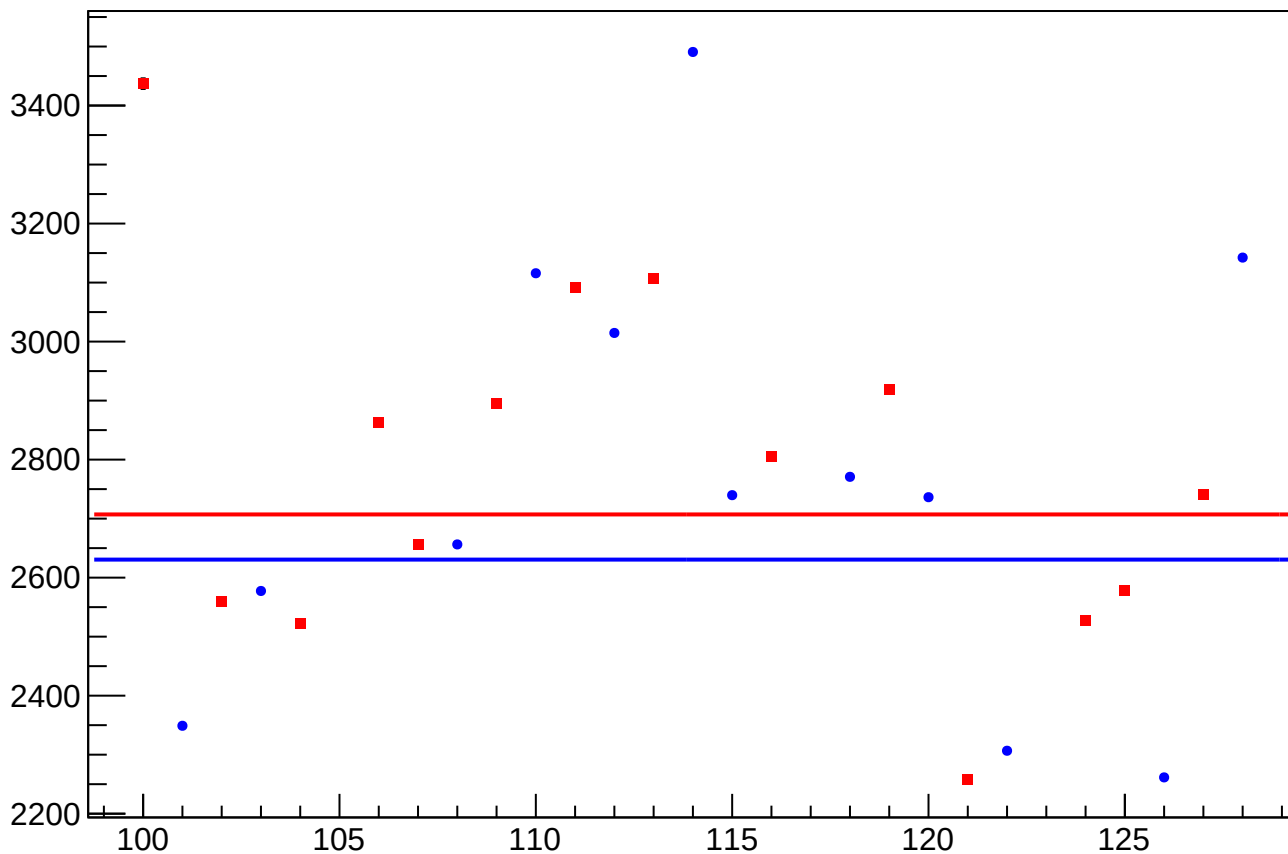
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1138.362+/-828.953 χ^2/NDF : 22.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_eigen_dit_correction_rms vs Slug



Right In: 2630.563+/-0.838 χ^2/NDF : 136412.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2707.093+/-0.820 χ^2/NDF : 97008.3/13

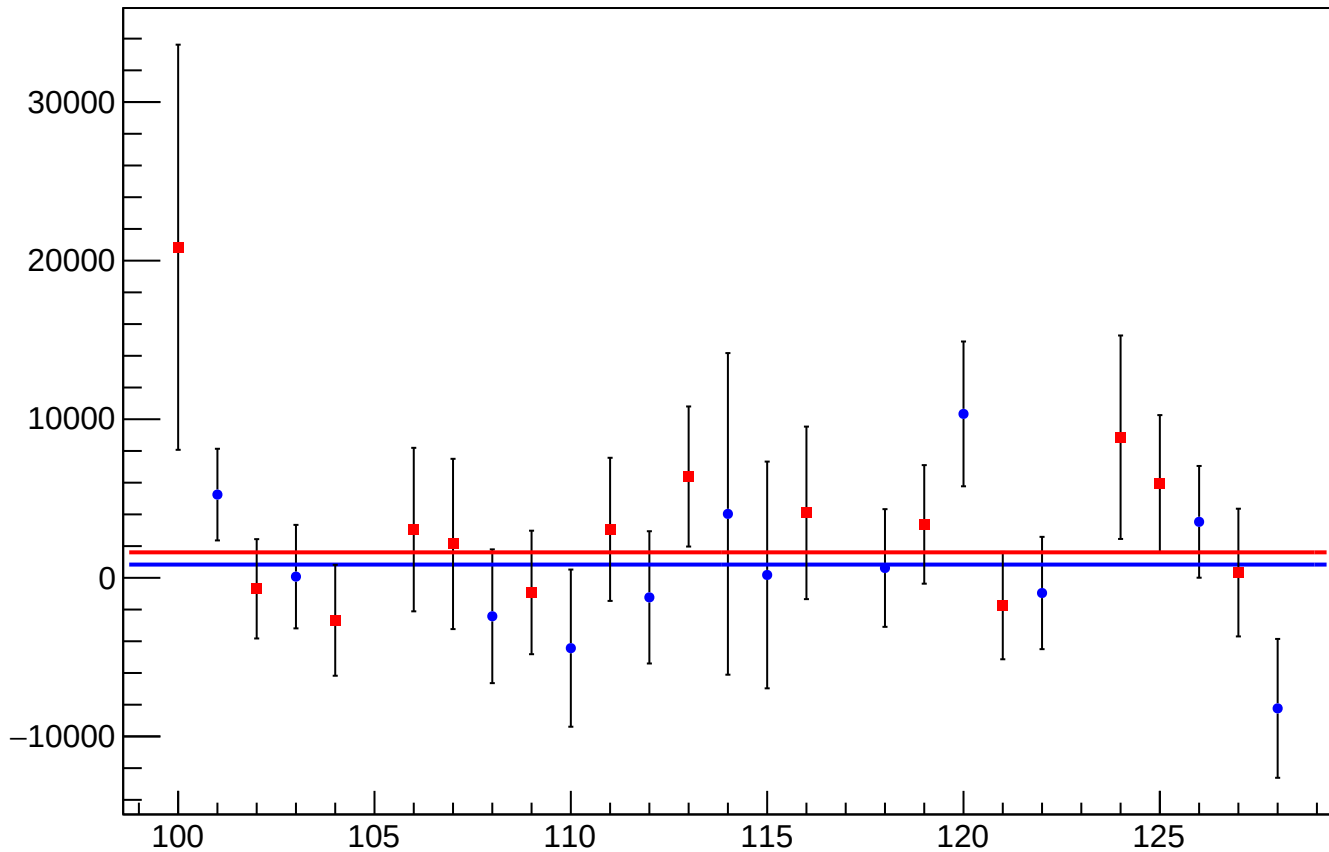
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2669.670+/-0.586 χ^2/NDF : 237680.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_mean vs Slug



Right In: 835.432 $\pm$ 1169.965 χ^2 /NDF: 13.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1607.207 $\pm$ 1146.765 χ^2 /NDF: 9.9/13

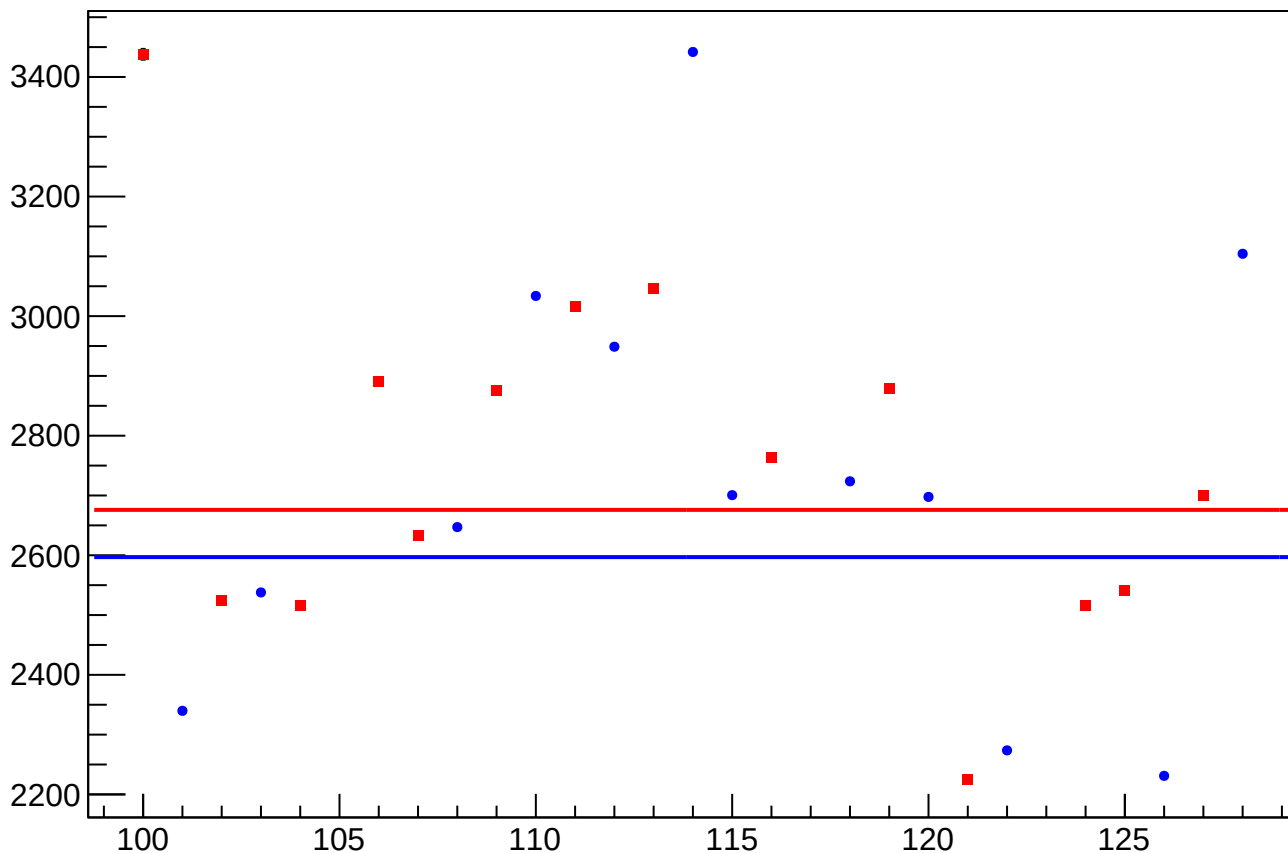
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1229.048 $\pm$ 818.965 χ^2 /NDF: 24.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_rms vs Slug



Right In: 2596.922+/-0.827 χ^2/NDF : 129282.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2675.925+/-0.811 χ^2/NDF : 95431.4/13

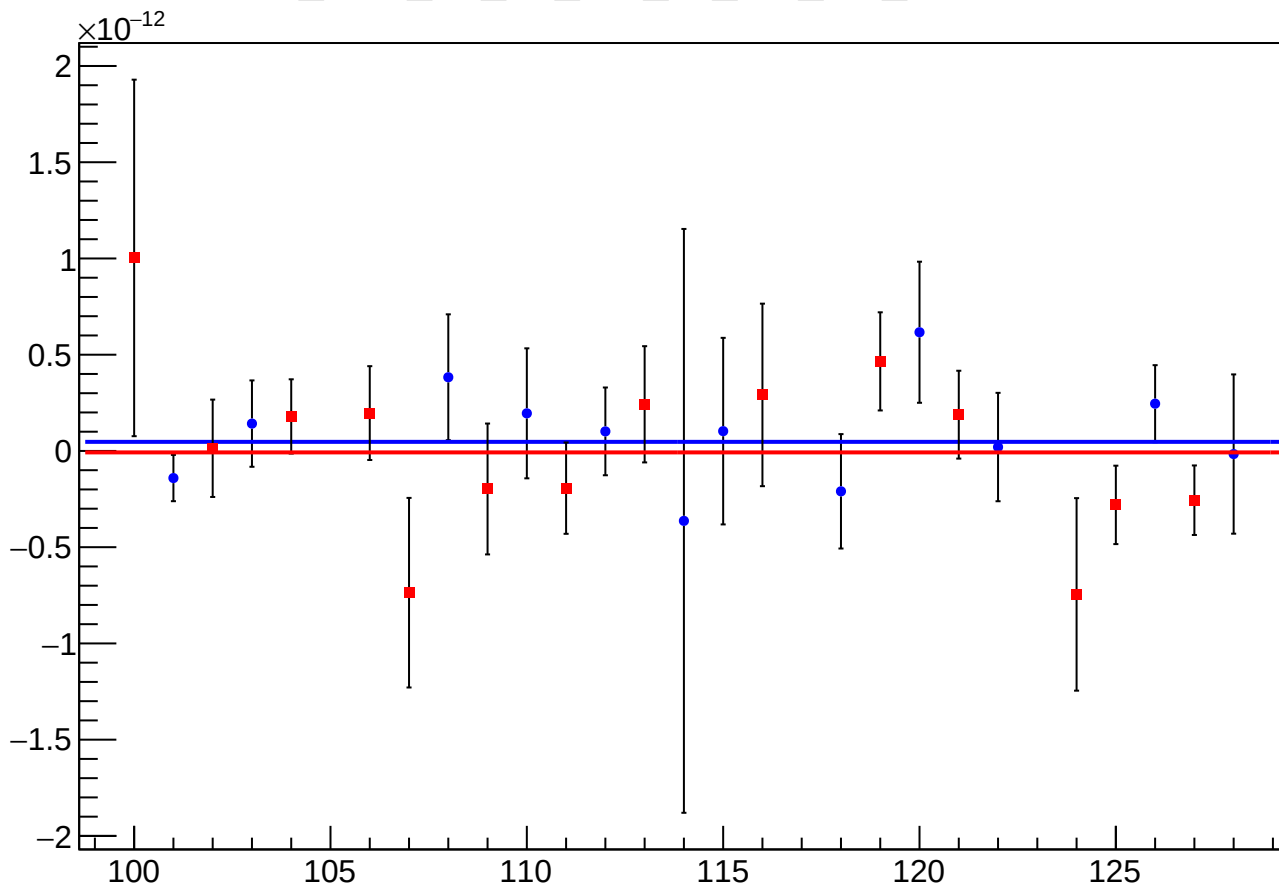
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2637.215+/-0.579 χ^2/NDF : 229364.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 8.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 17.1/13

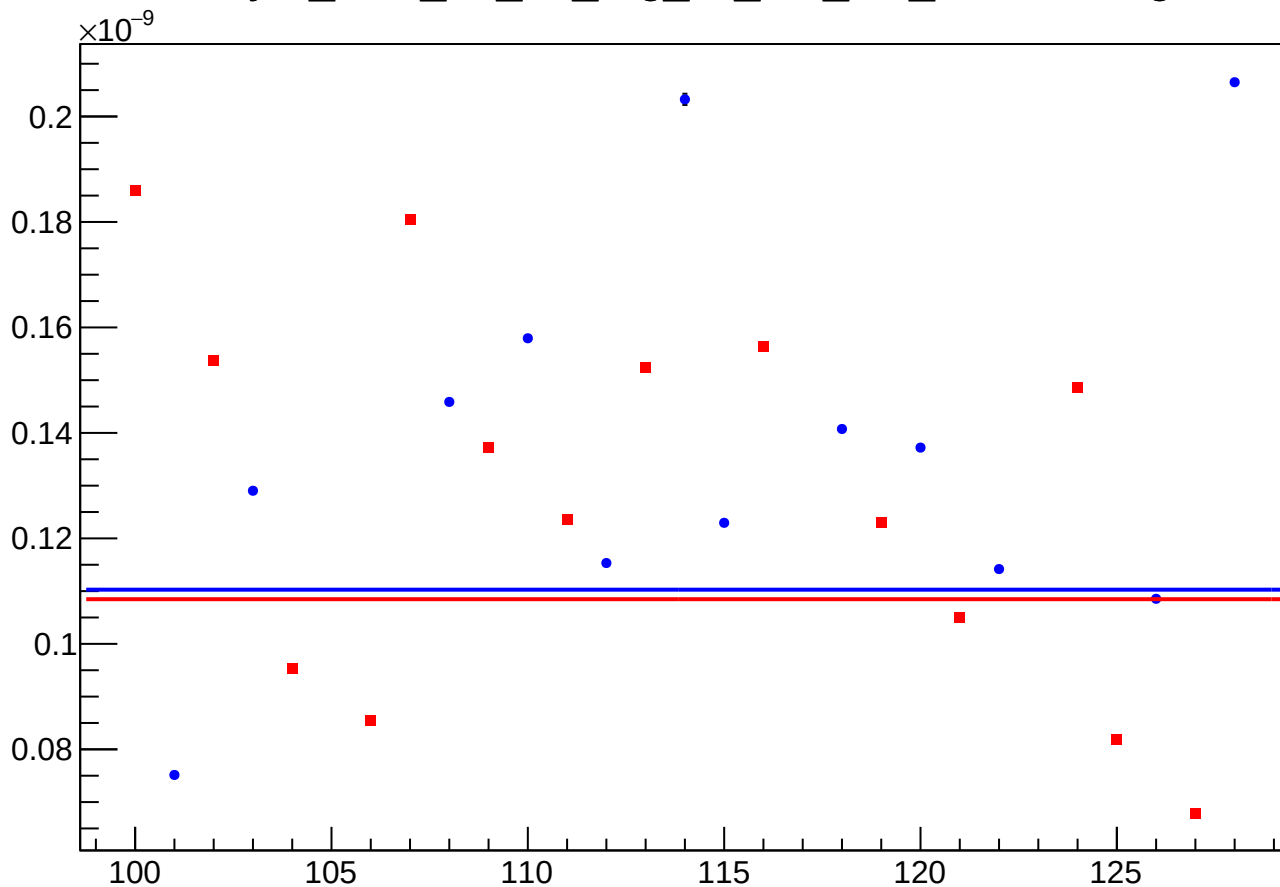
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 25.6/25

- 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 : 398611.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 388331.4/13

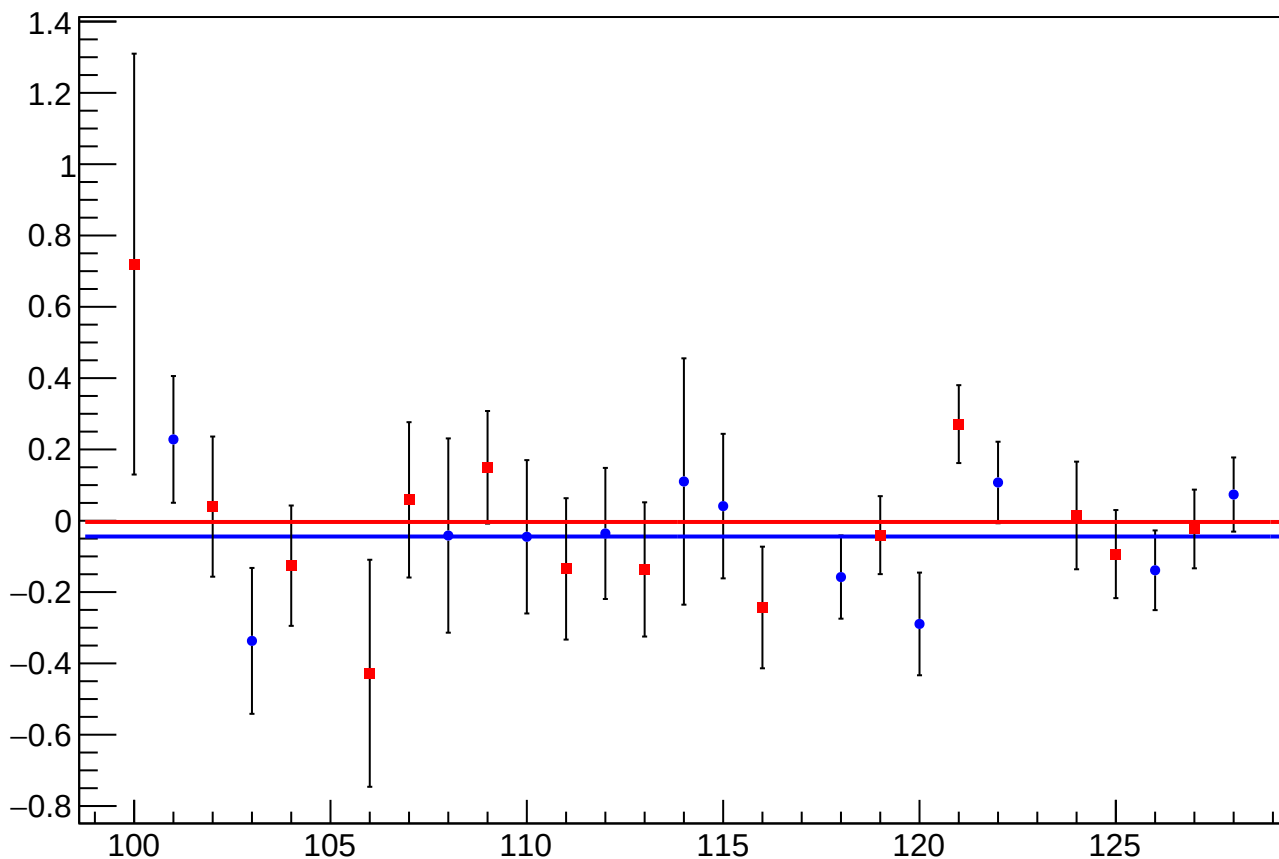
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 787584.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.044 $\pm$ 0.044 χ^2 /NDF: 12.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.041 χ^2 /NDF: 14.8/13

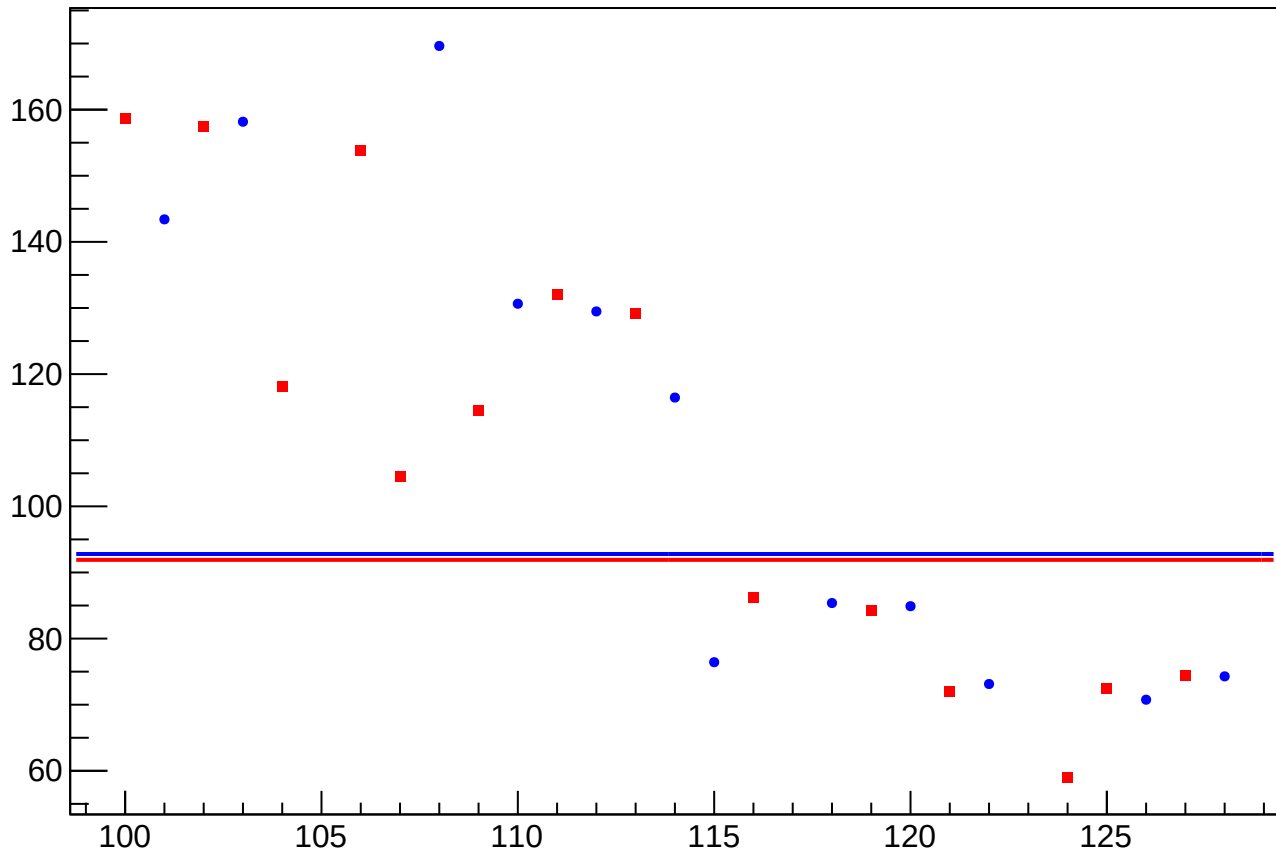
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.023 $\pm$ 0.030 χ^2 /NDF: 27.6/25

- 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: 92.792 $\pm$ 0.031 χ^2 /NDF: 903939.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 91.905 $\pm$ 0.029 χ^2 /NDF: 853115.6/13

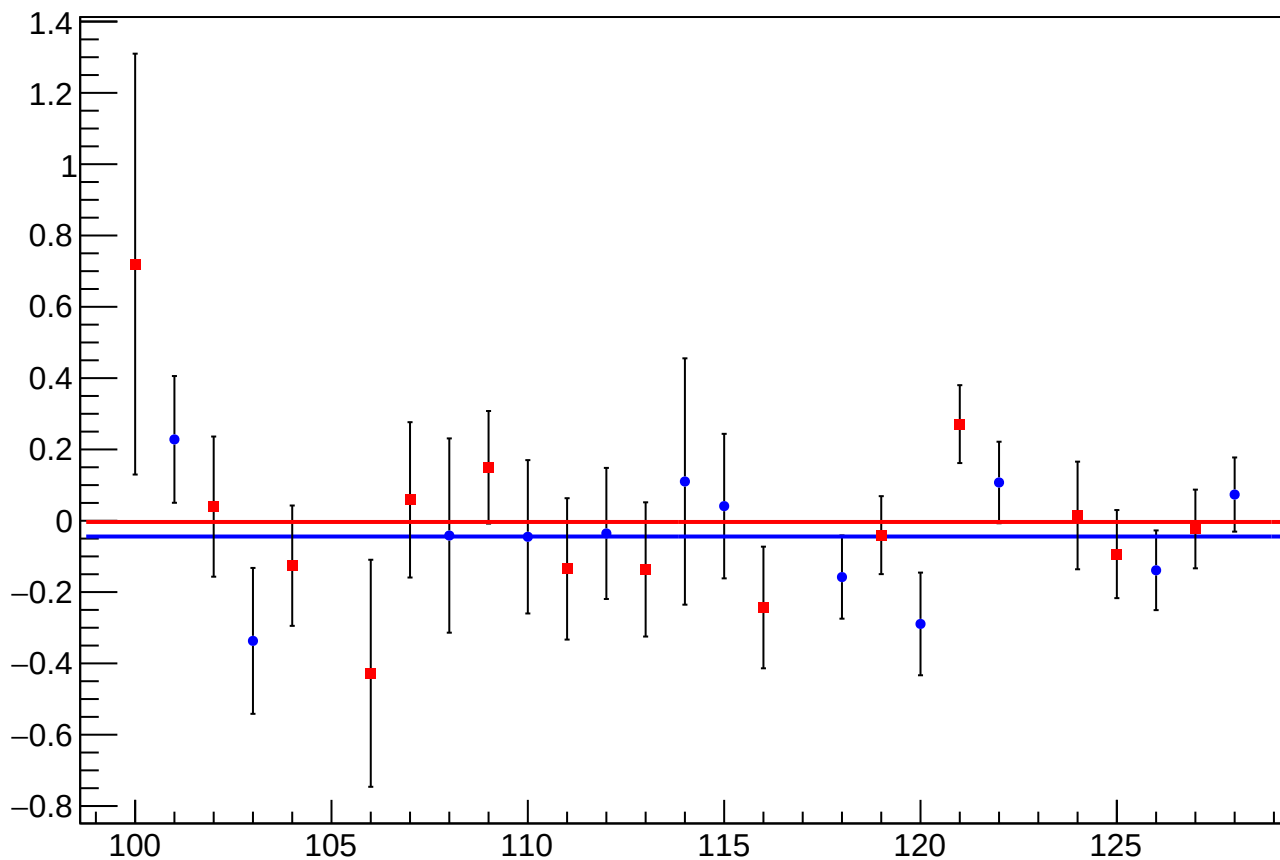
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 92.325 $\pm$ 0.021 χ^2 /NDF: 1757488.5/25

- 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: -0.044 $\pm$ 0.044 χ^2 /NDF: 12.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.041 χ^2 /NDF: 14.8/13

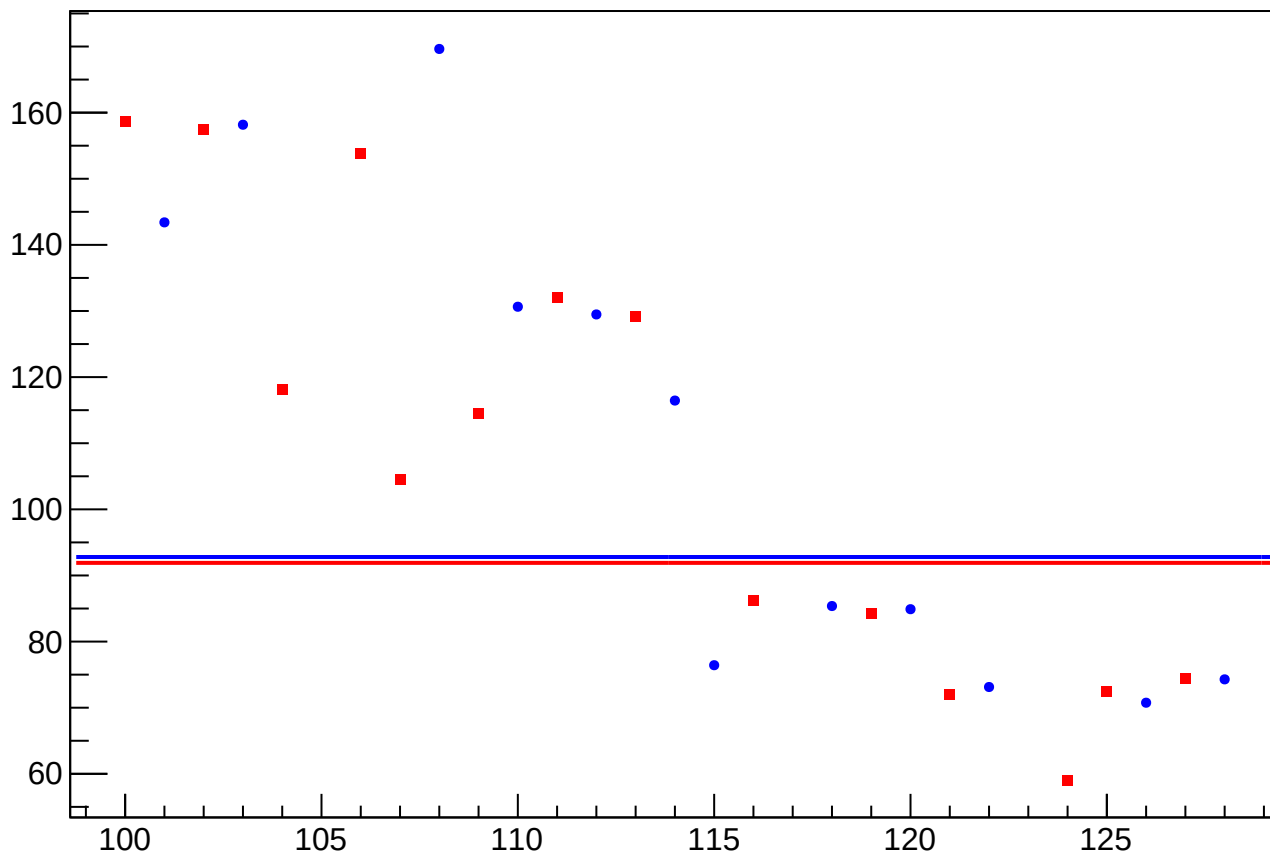
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.023 $\pm$ 0.030 χ^2 /NDF: 27.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 92.792 $\pm$ 0.031 χ^2 /NDF: 903939.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 91.905 $\pm$ 0.029 χ^2 /NDF: 853115.6/13

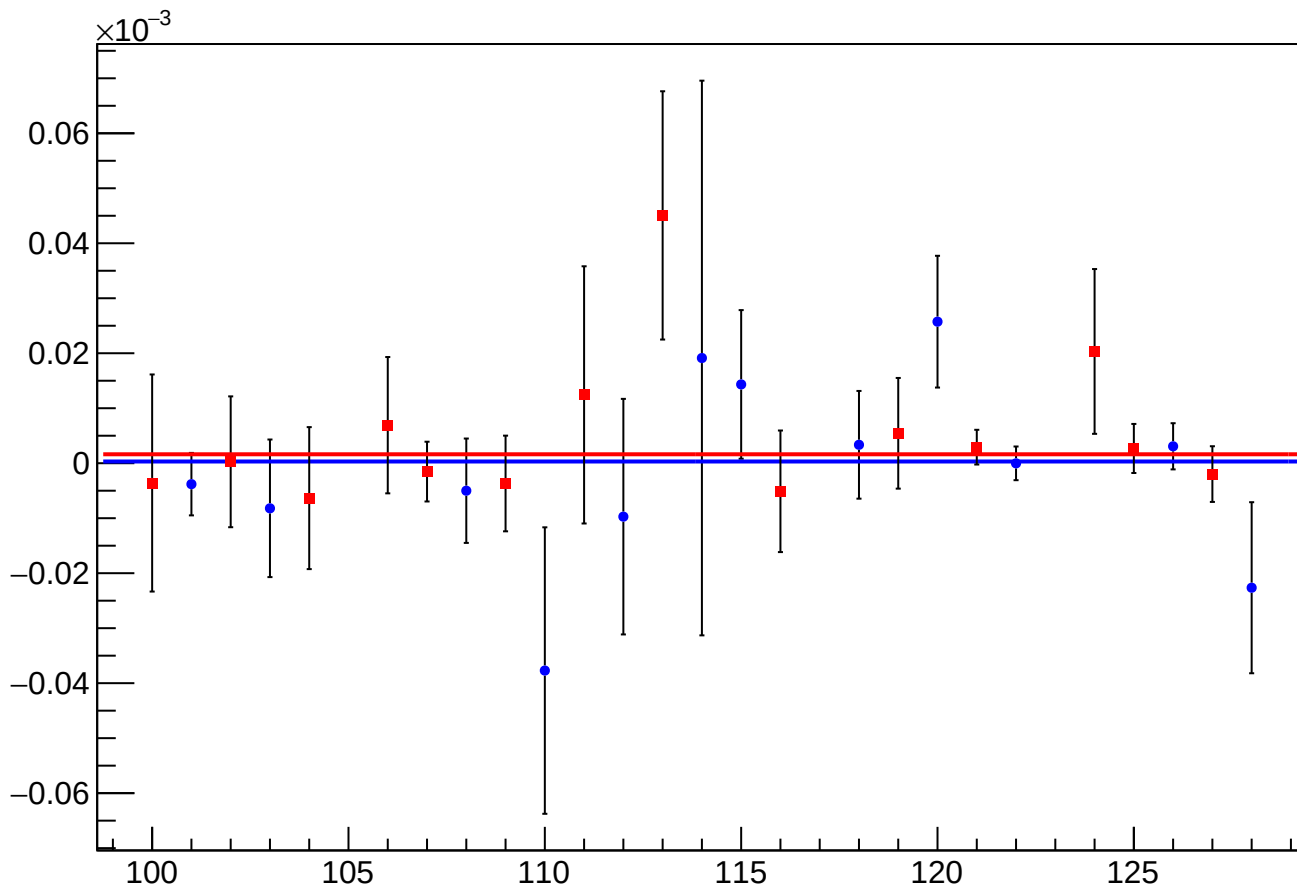
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 92.325 $\pm$ 0.021 χ^2 /NDF: 1757488.5/25

- 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: 12.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.1/13

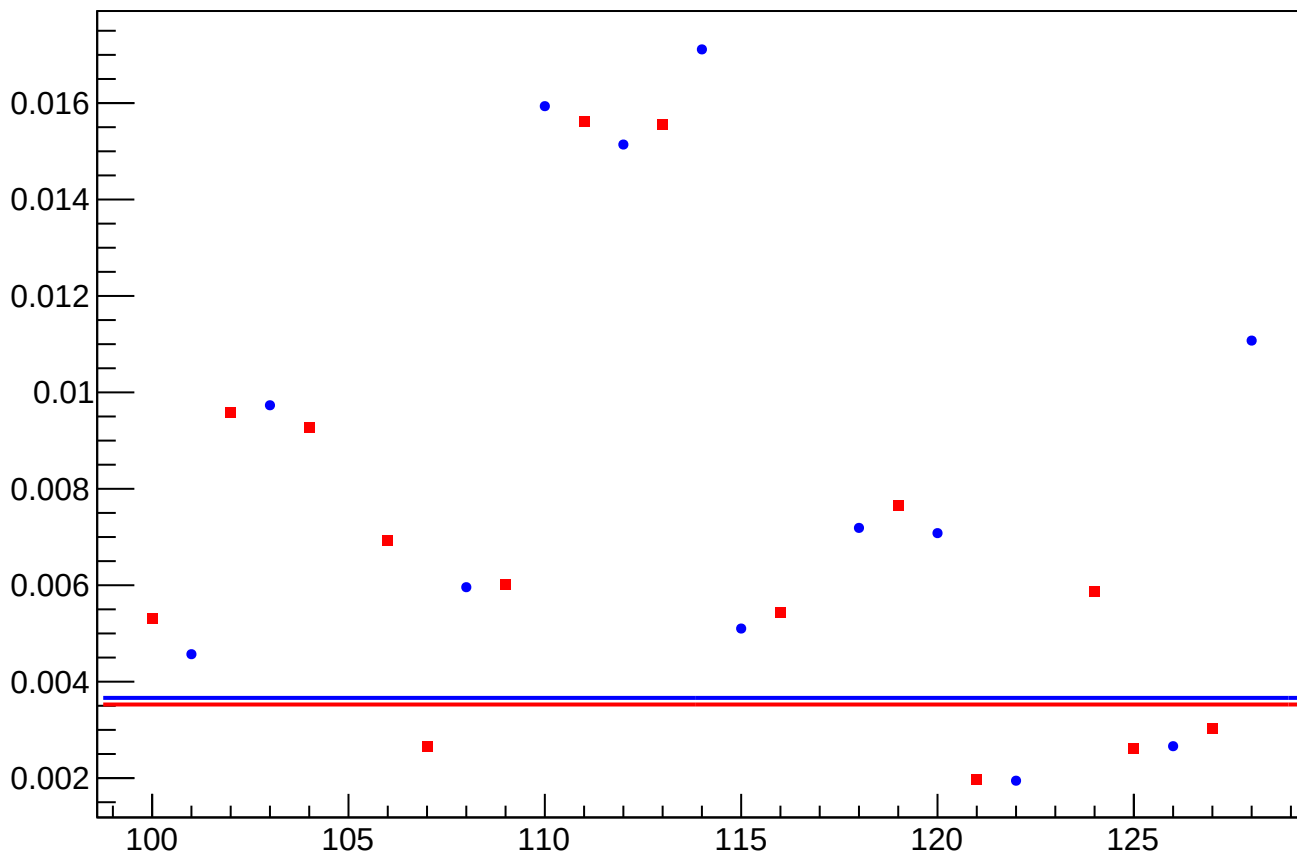
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 20.4/25

- 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 : 3439965.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 3428074.5/13

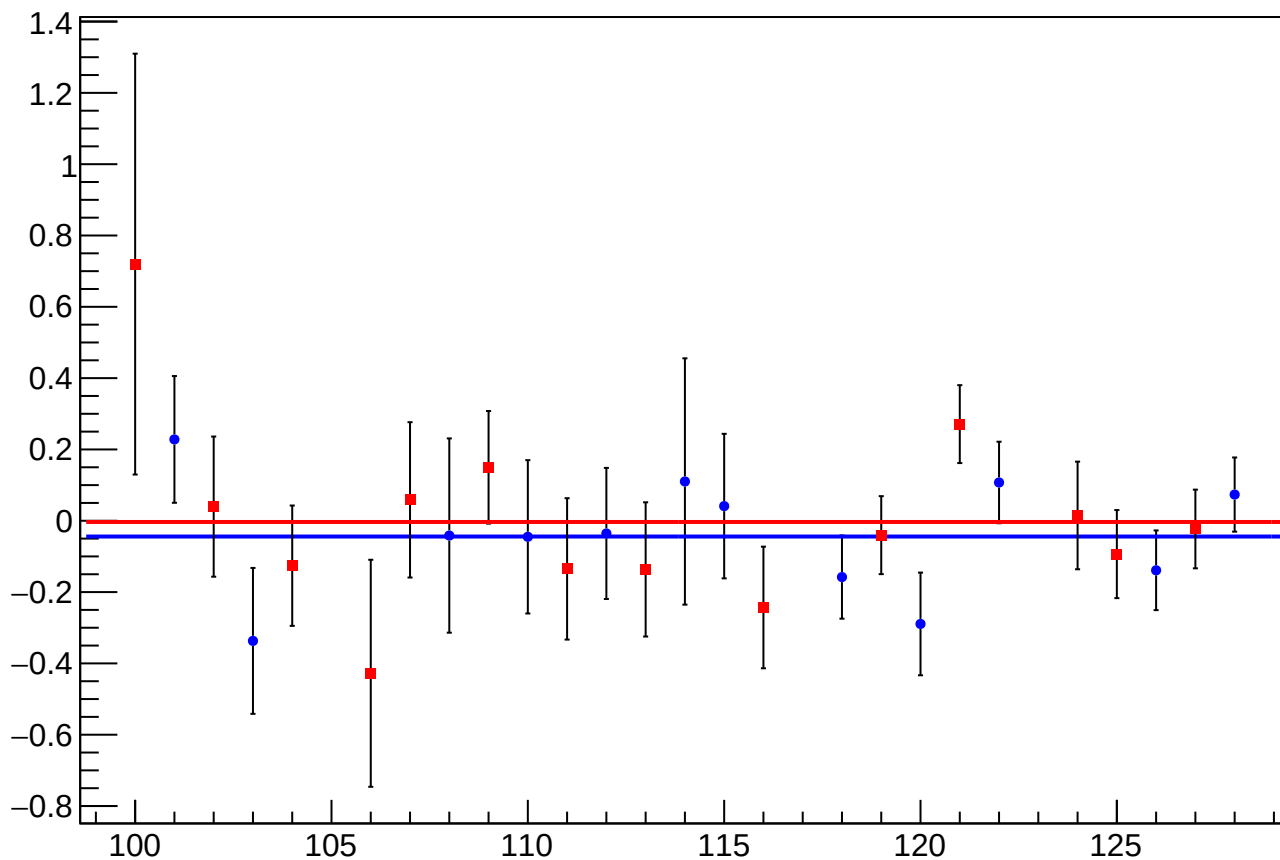
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 6872978.9/25

- 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: -0.044 $\pm$ 0.044 χ^2 /NDF: 12.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.041 χ^2 /NDF: 14.8/13

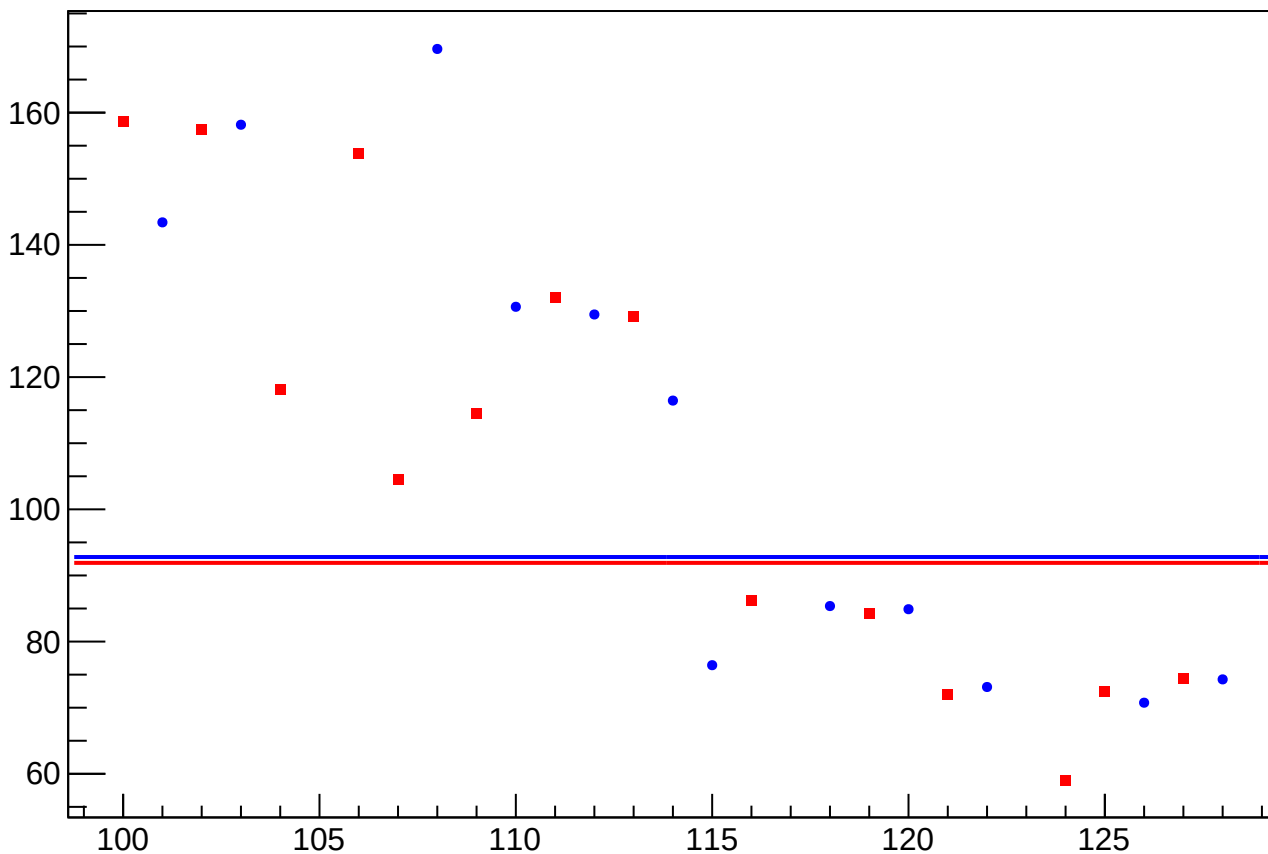
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.023 $\pm$ 0.030 χ^2 /NDF: 27.6/25

- 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: 92.789 $\pm$ 0.031 χ^2 /NDF: 903935.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 91.903 $\pm$ 0.029 χ^2 /NDF: 853094.7/13

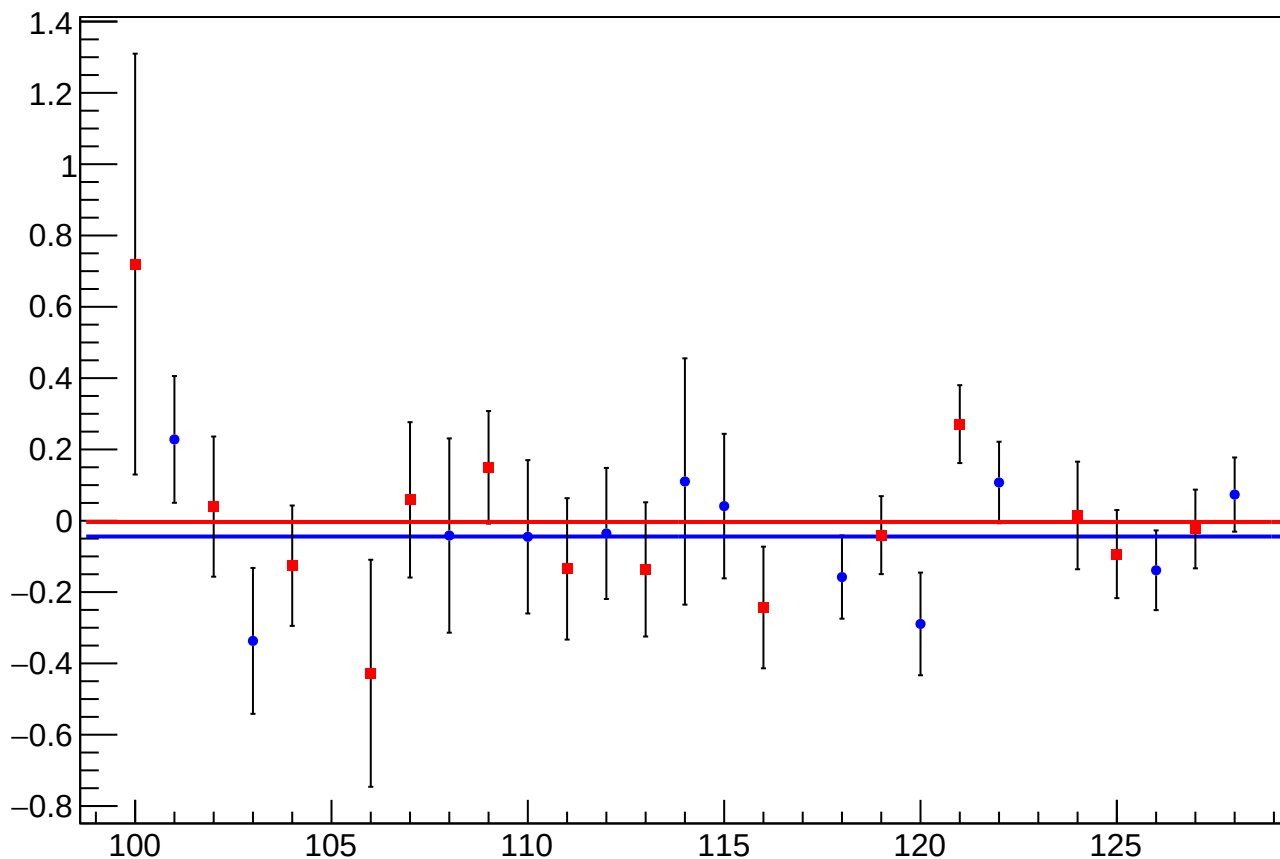
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 92.323 $\pm$ 0.021 χ^2 /NDF: 1757462.7/25

- 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: -0.044 $\pm$ 0.044 χ^2 /NDF: 12.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.003 $\pm$ 0.041 χ^2 /NDF: 14.8/13

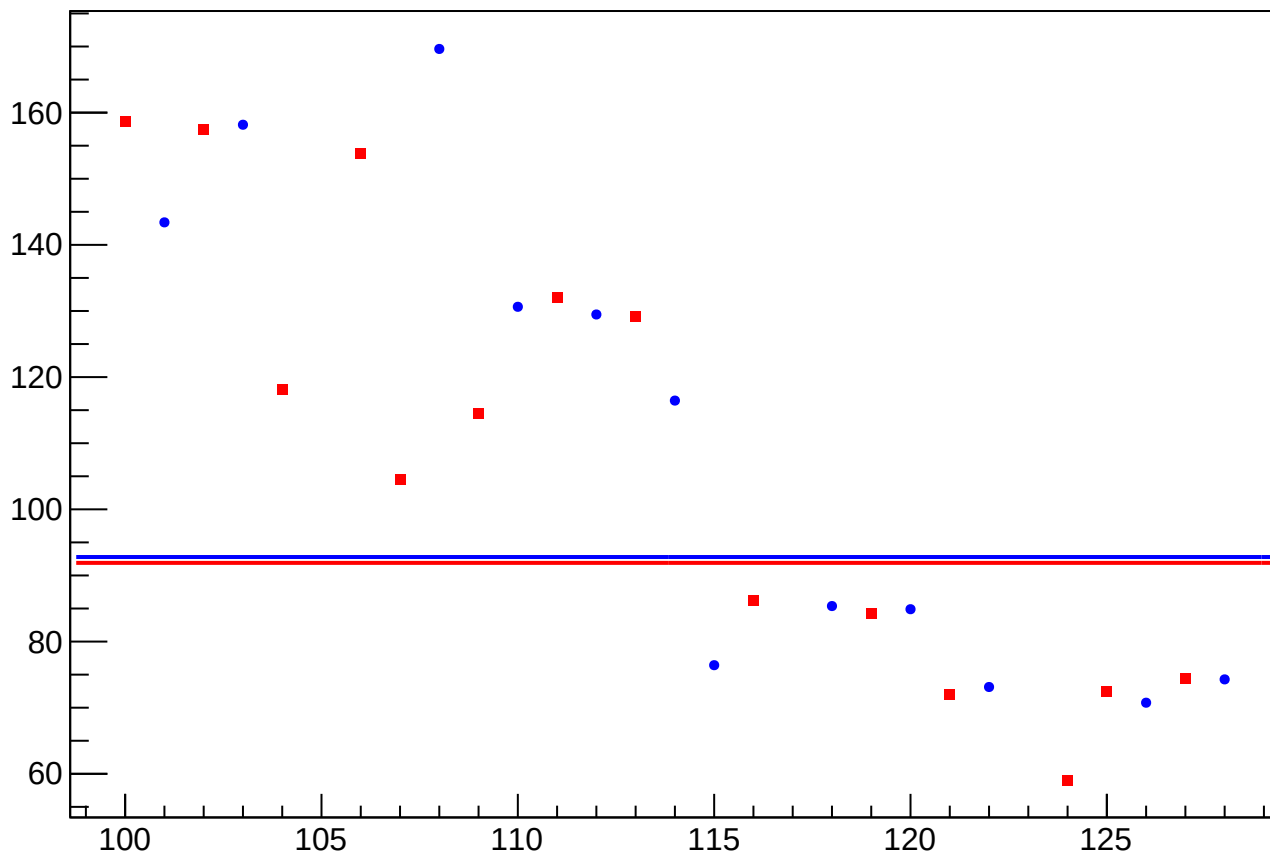
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.023 $\pm$ 0.030 χ^2 /NDF: 27.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 92.789 $\pm$ 0.031 χ^2 /NDF: 903935.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 91.903 $\pm$ 0.029 χ^2 /NDF: 853094.7/13

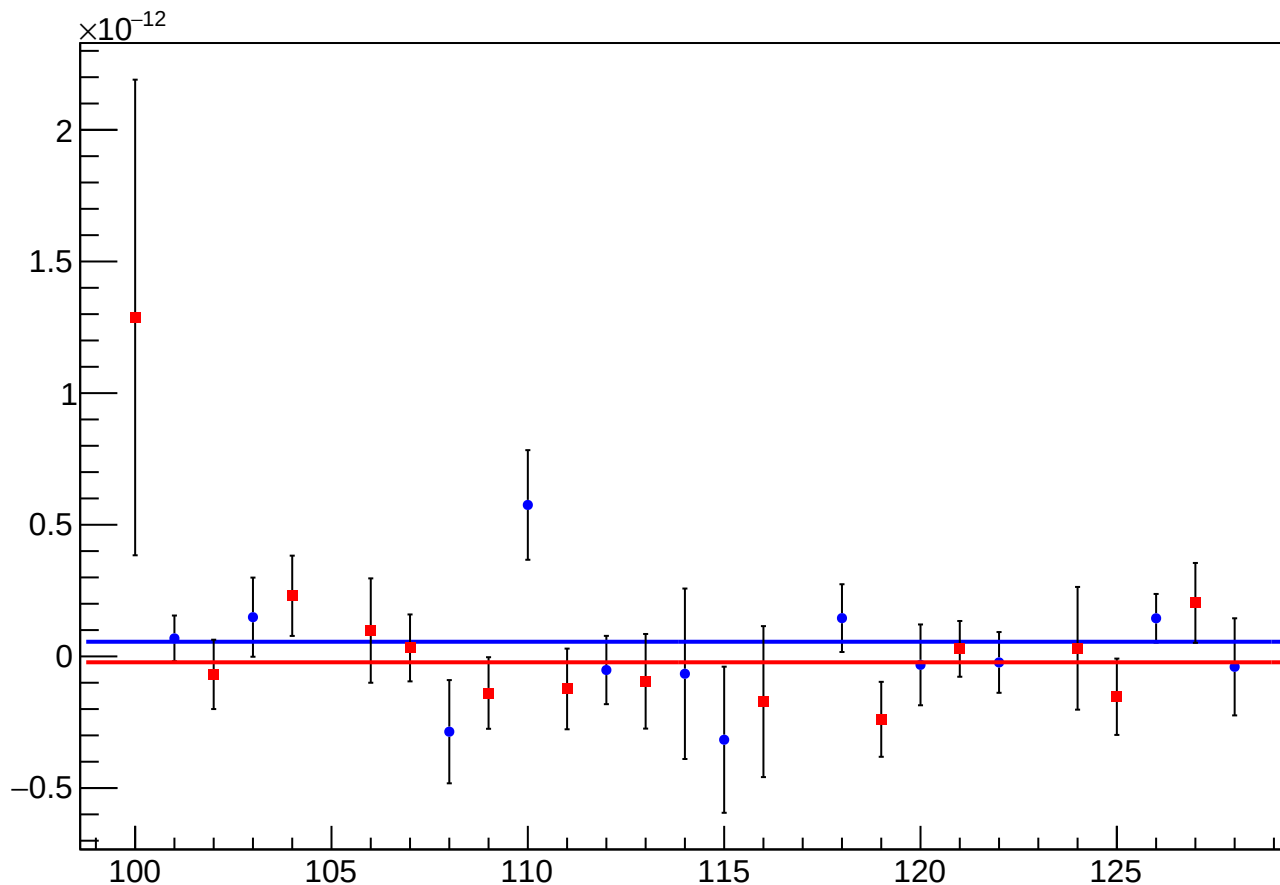
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 92.323 $\pm$ 0.021 χ^2 /NDF: 1757462.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 14.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.8/13

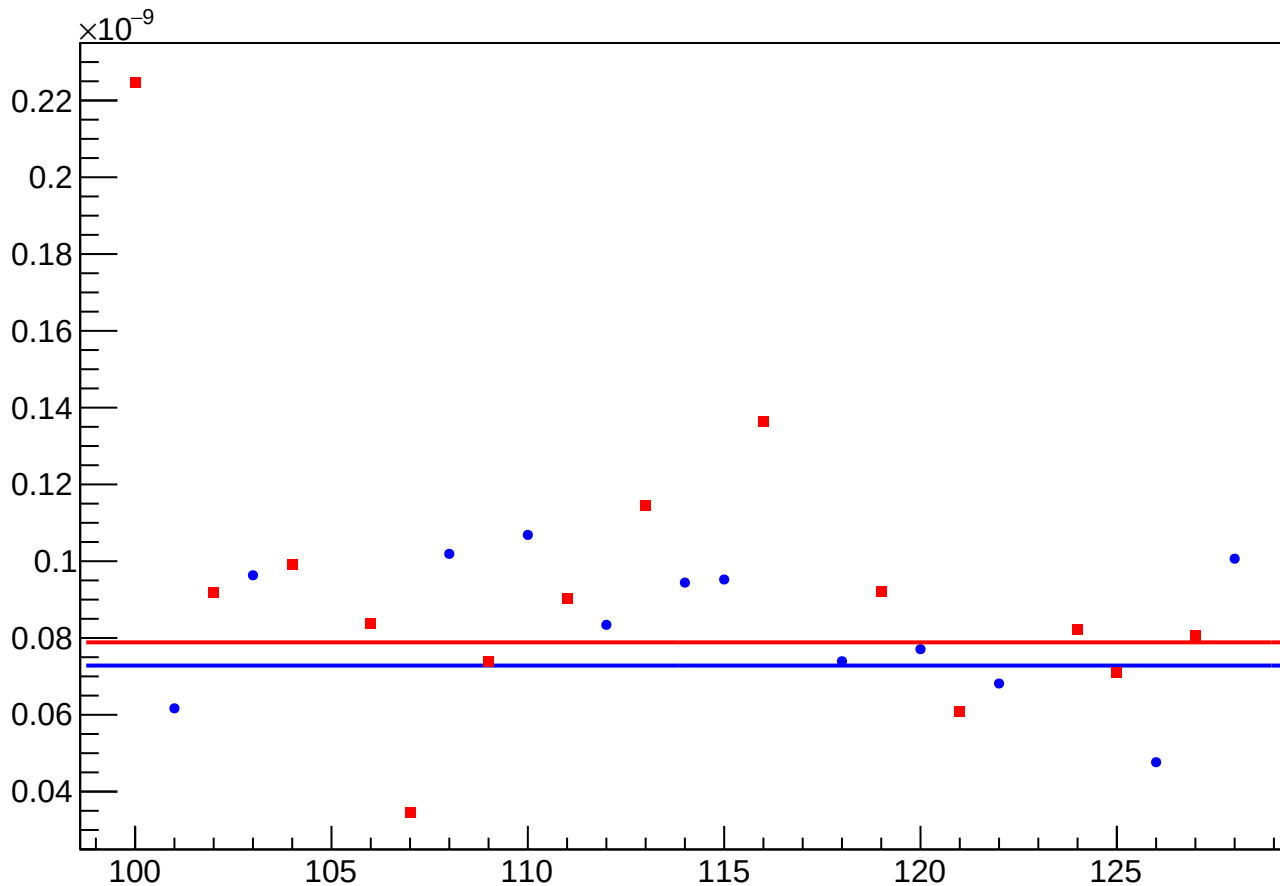
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 413698.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 605490.5/13

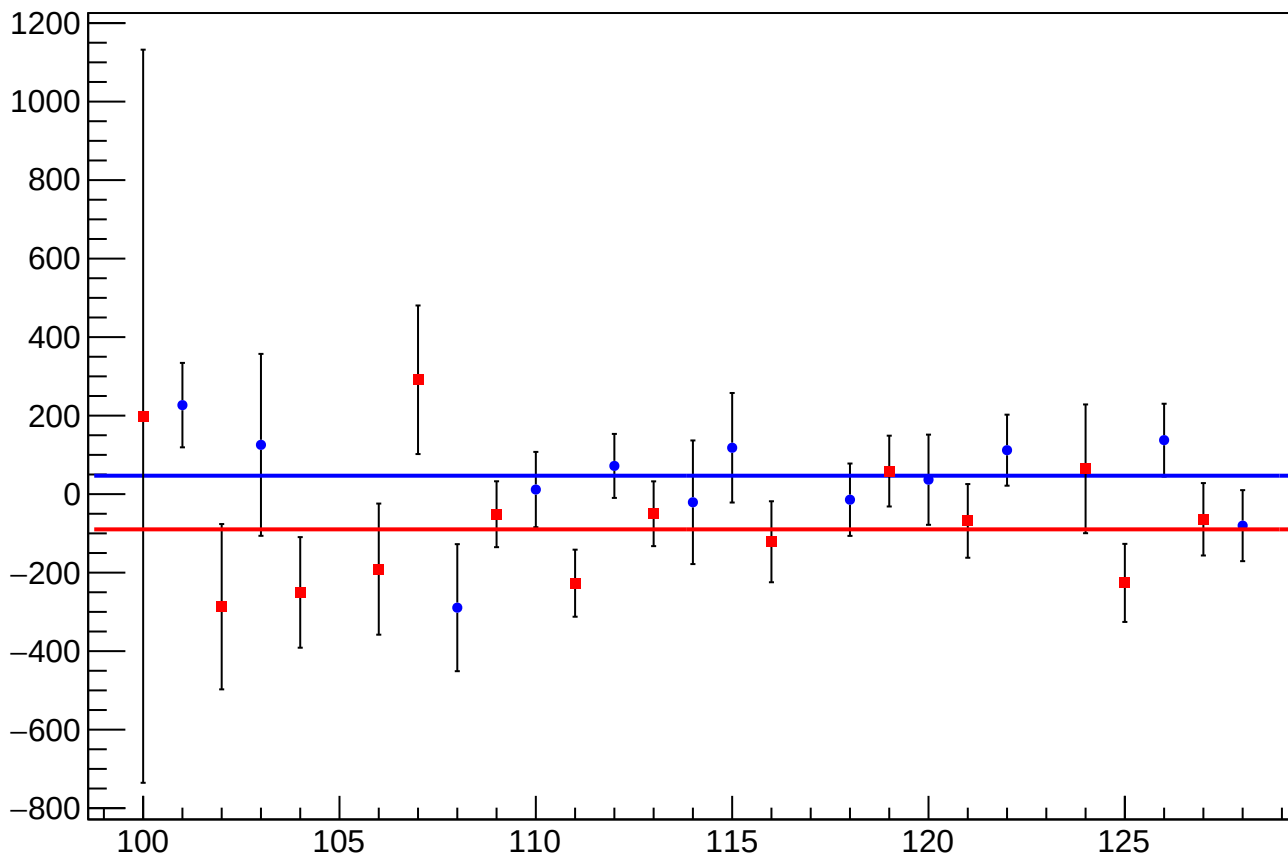
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1041255.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_dd_mean vs Slug



Right In: 46.936 $\pm$ 30.884 χ^2 /NDF: 11.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -89.750 $\pm$ 29.490 χ^2 /NDF: 15.4/13

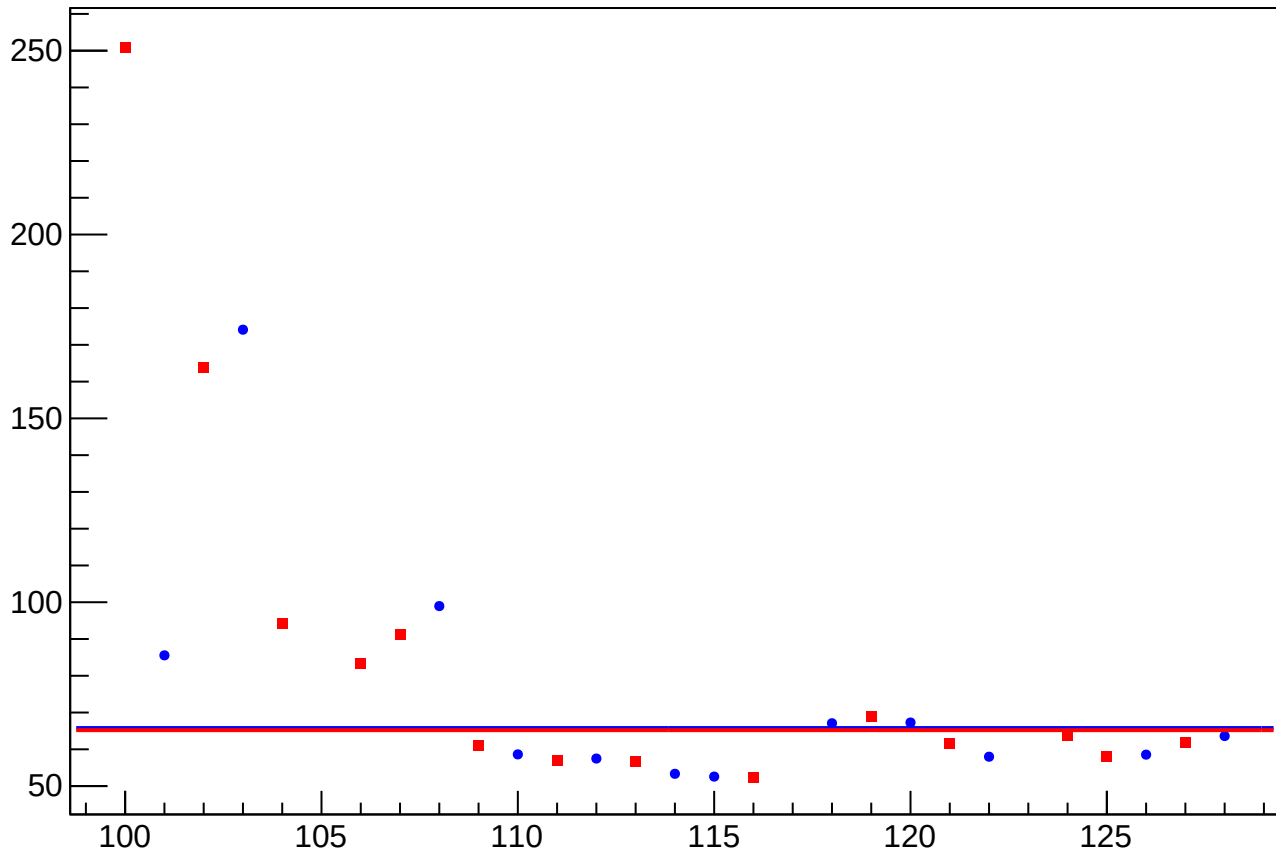
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -24.561 $\pm$ 21.329 χ^2 /NDF: 37.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_dd_rms vs Slug



Right In: 65.778+/-0.022 χ^2/NDF : 679894.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.210+/-0.021 χ^2/NDF : 758857.0/13

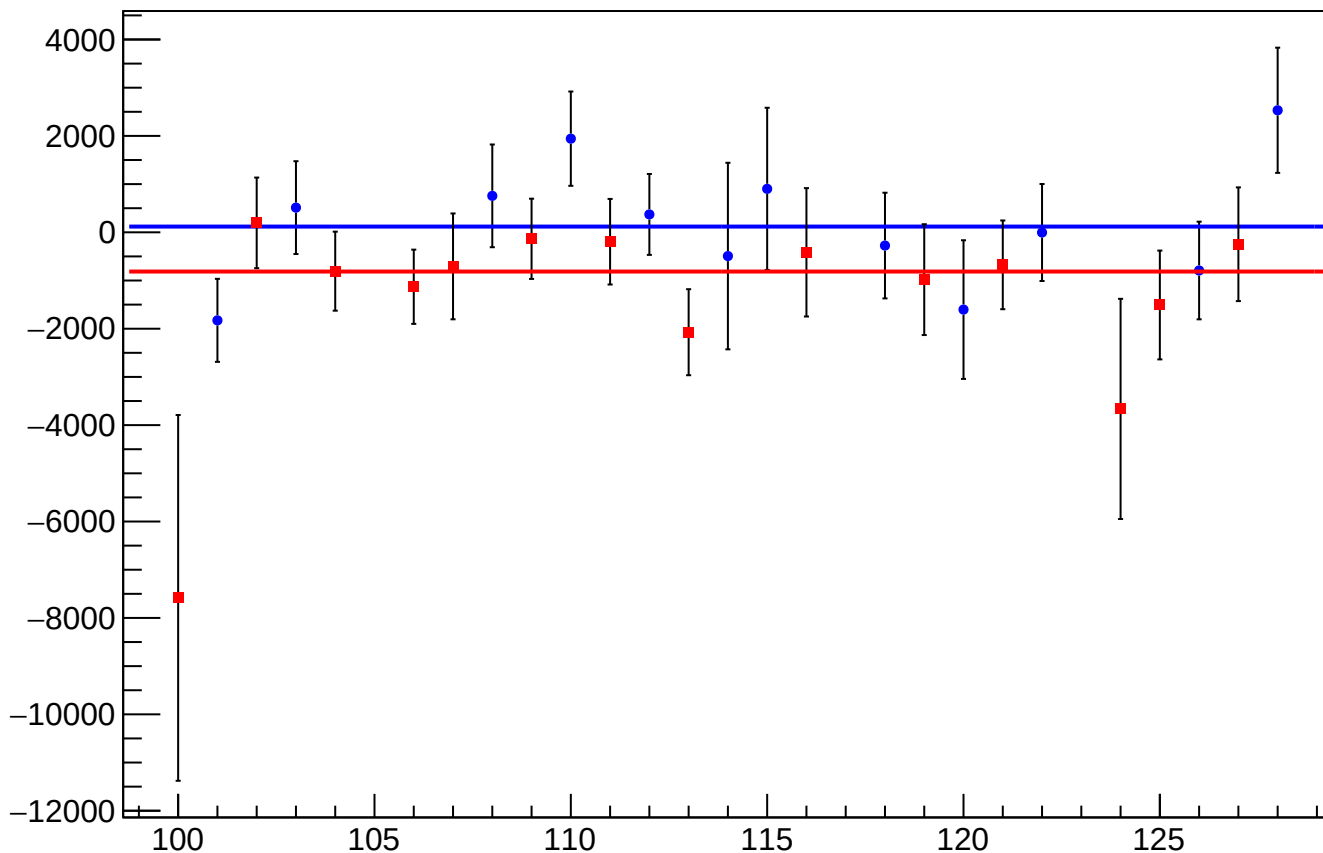
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.481+/-0.015 χ^2/NDF : 1439105.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_reg_correction_mean vs Slug



Right In: 118.996 $\pm$ 312.115 χ^2 /NDF: 15.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -813.733 $\pm$ 273.486 χ^2 /NDF: 10.0/13

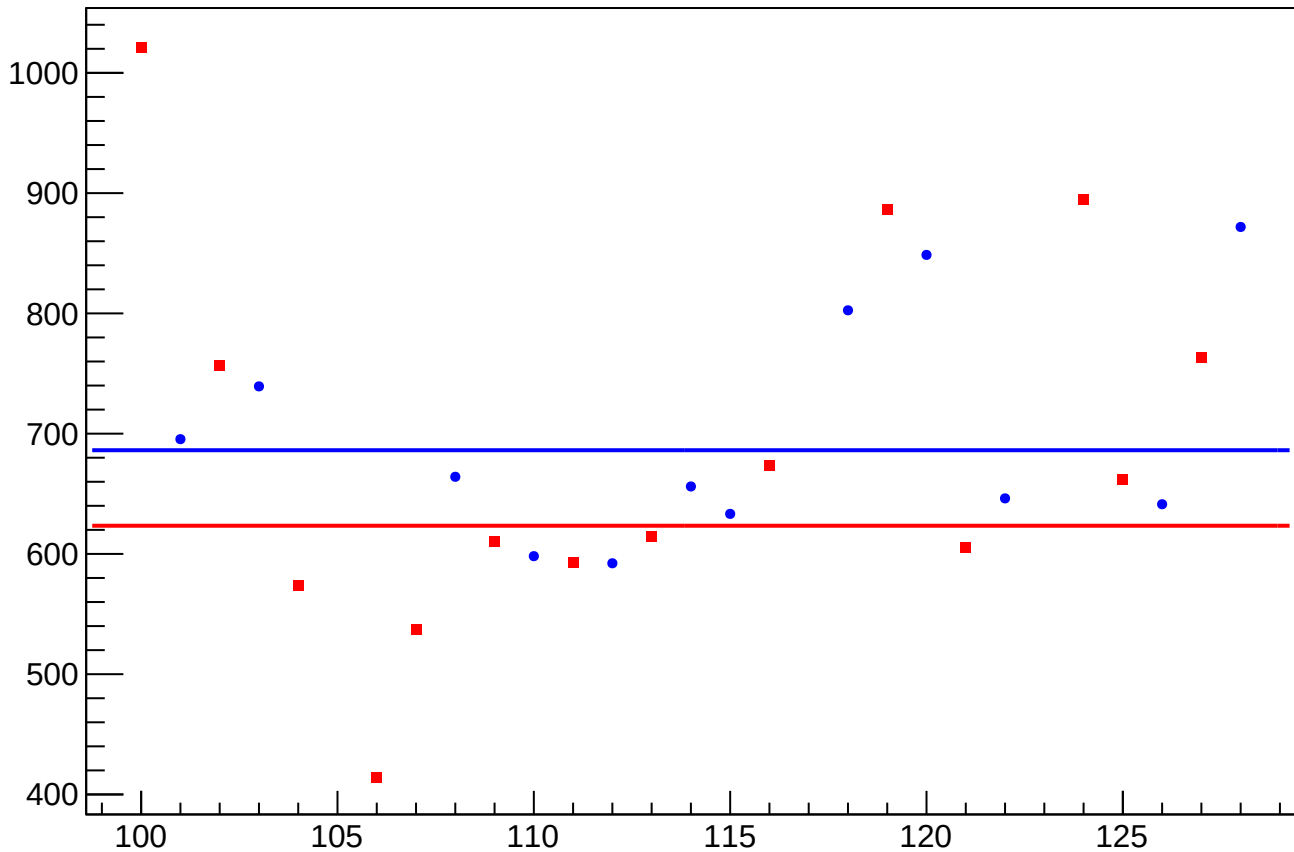
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -408.630 $\pm$ 205.693 χ^2 /NDF: 30.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_reg_correction_rms vs Slug



Right In: 686.226 $\pm$ 0.221 χ^2 /NDF: 146946.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 623.442 $\pm$ 0.193 χ^2 /NDF: 399415.8/13

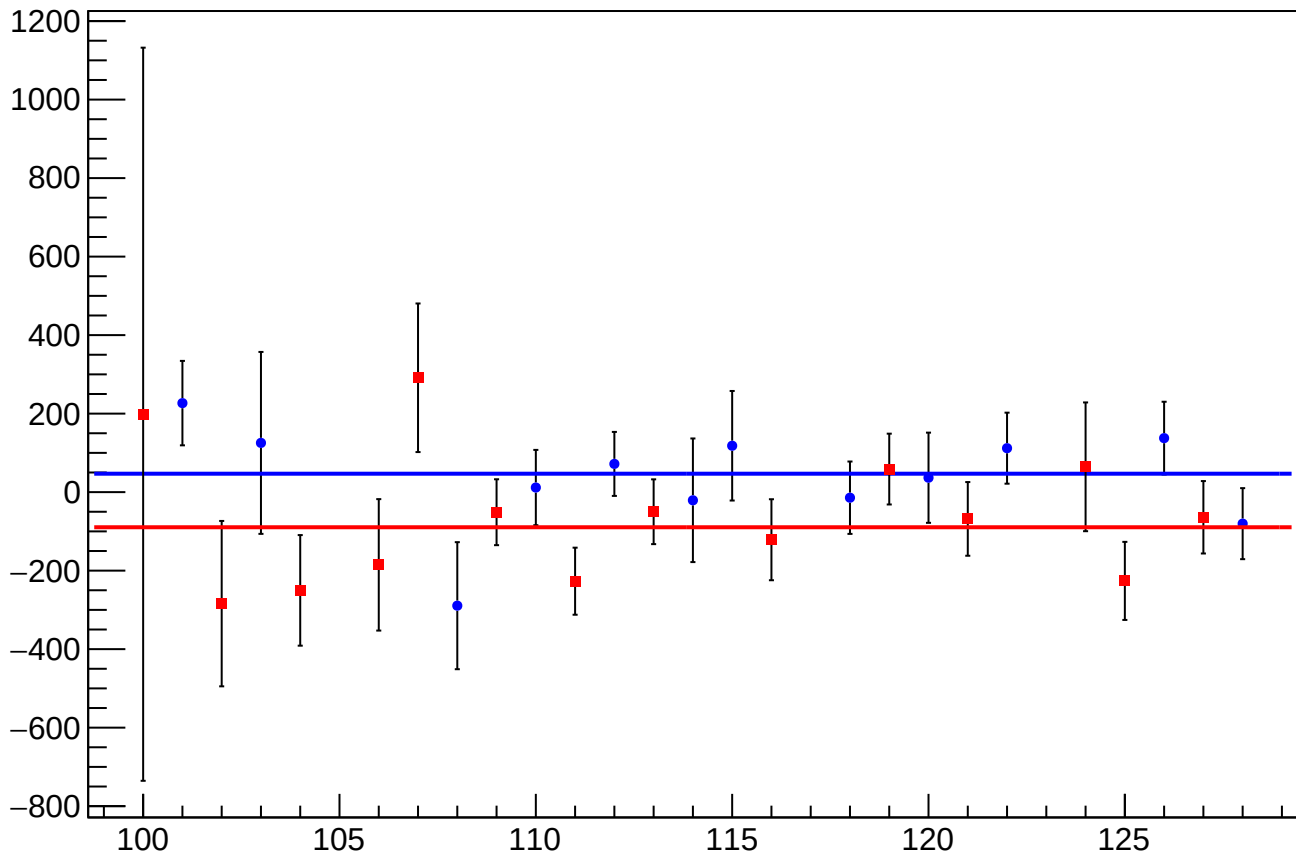
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 650.710 $\pm$ 0.145 χ^2 /NDF: 592141.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_dd_mean vs Slug



Right In: 46.927 $\pm$ 30.884 χ^2 /NDF: 11.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -89.487 $\pm$ 29.493 χ^2 /NDF: 15.3/13

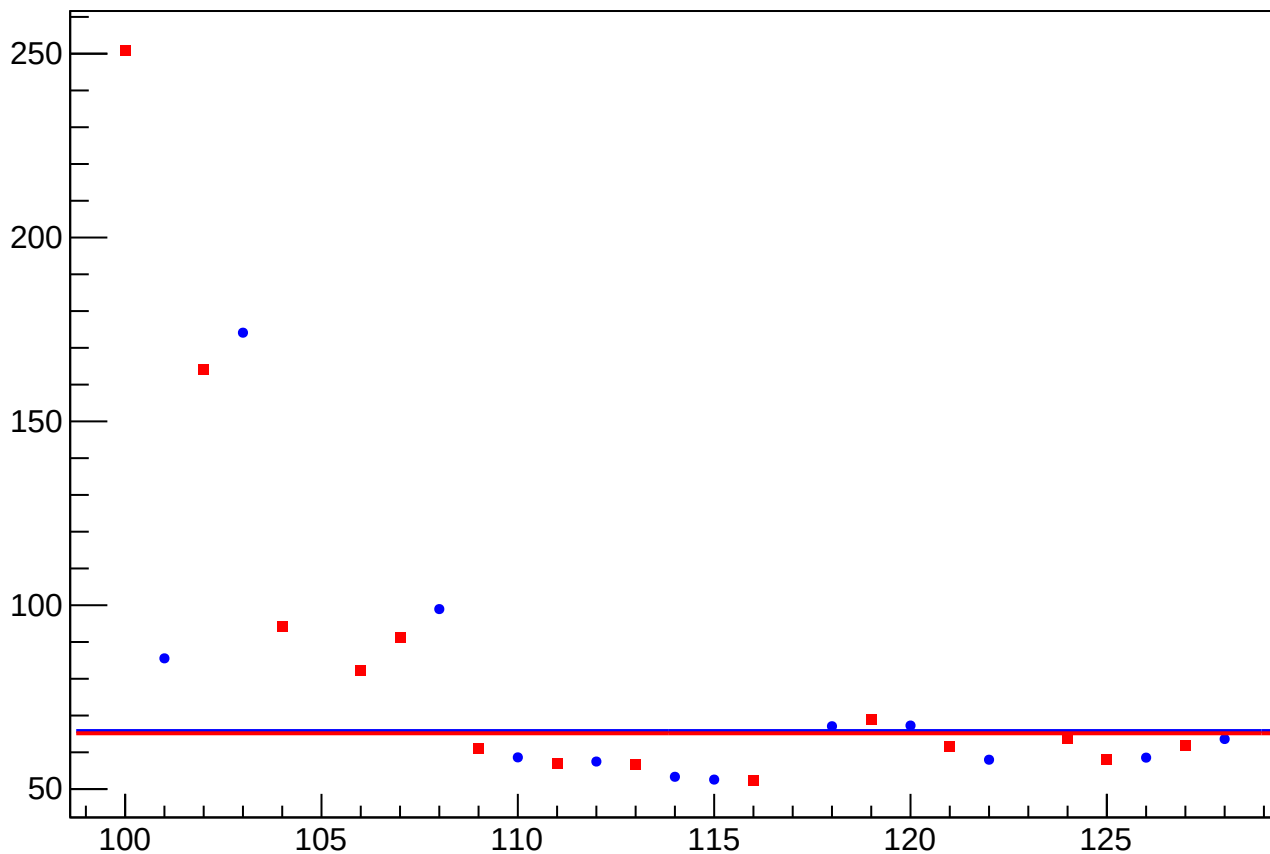
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -24.421 $\pm$ 21.330 χ^2 /NDF: 37.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_dd_rms vs Slug



Right In: 65.778+/-0.022 χ^2 /NDF: 679897.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 65.176+/-0.021 χ^2 /NDF: 756352.1/13

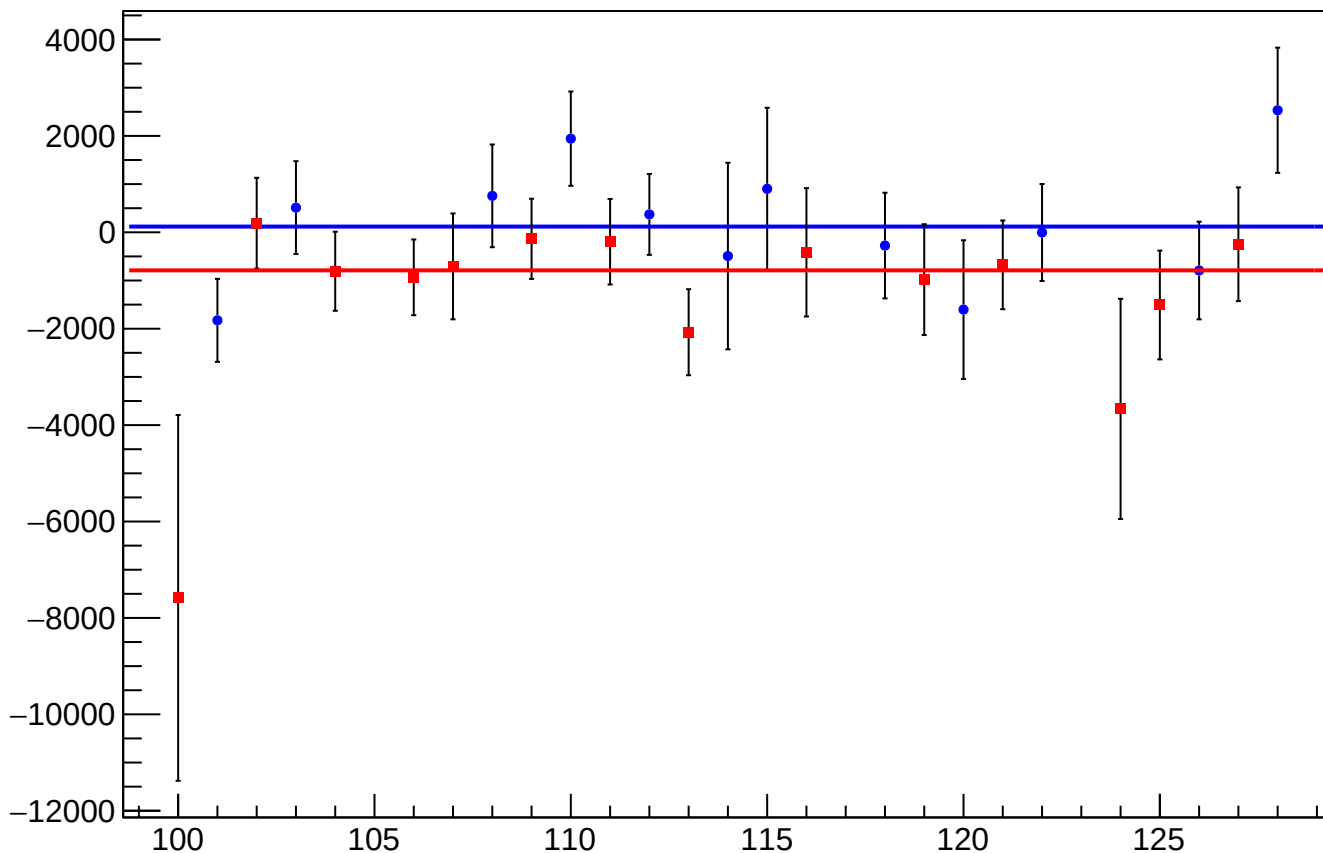
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 65.463+/-0.015 χ^2 /NDF: 1436647.8/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_cor_correction_mean vs Slug



Right In: 119.004 $\pm$ 312.119 χ^2 /NDF: 15.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -789.235 $\pm$ 274.187 χ^2 /NDF: 9.8/13

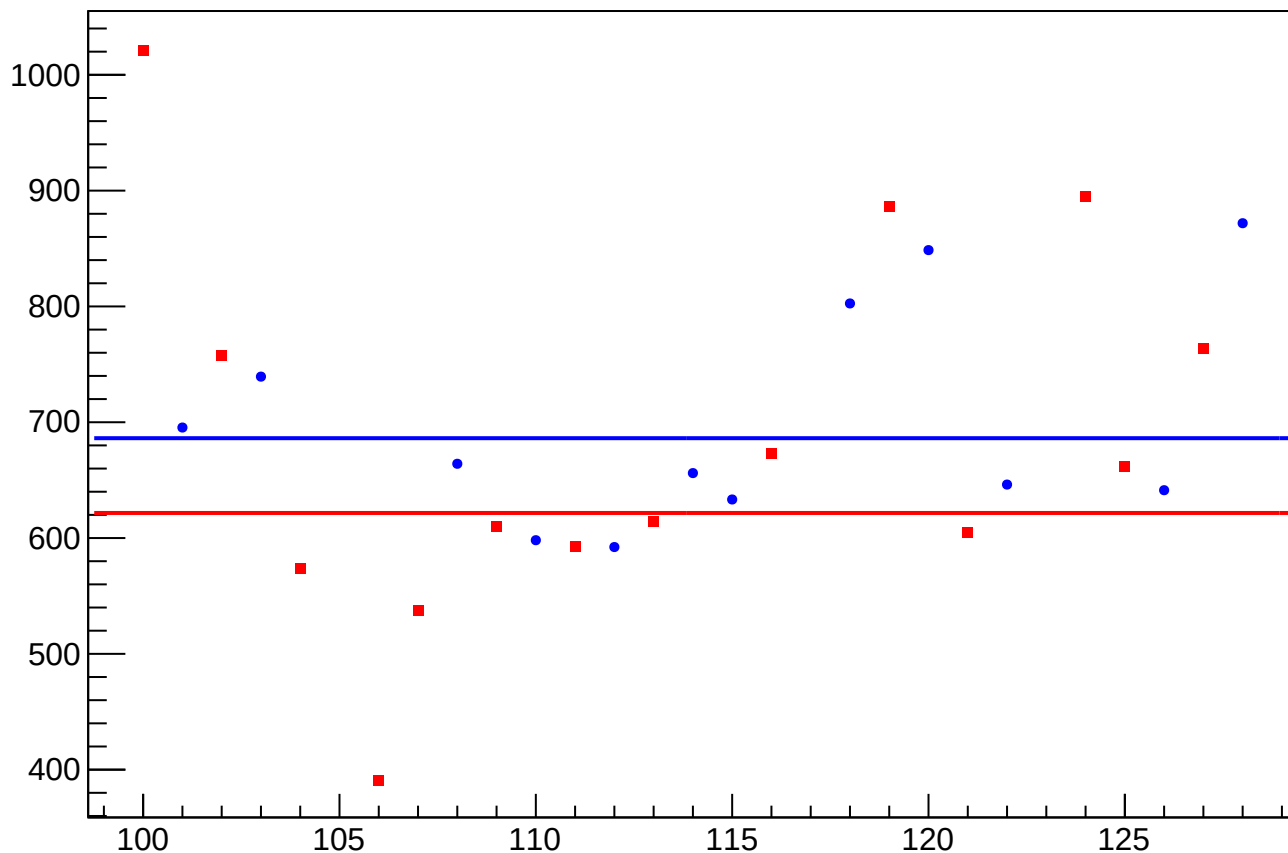
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -393.630 $\pm$ 205.992 χ^2 /NDF: 29.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_cor_correction_rms vs Slug



Right In: 686.233+/-0.221 χ^2/NDF : 146963.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 621.663+/-0.194 χ^2/NDF : 427465.8/13

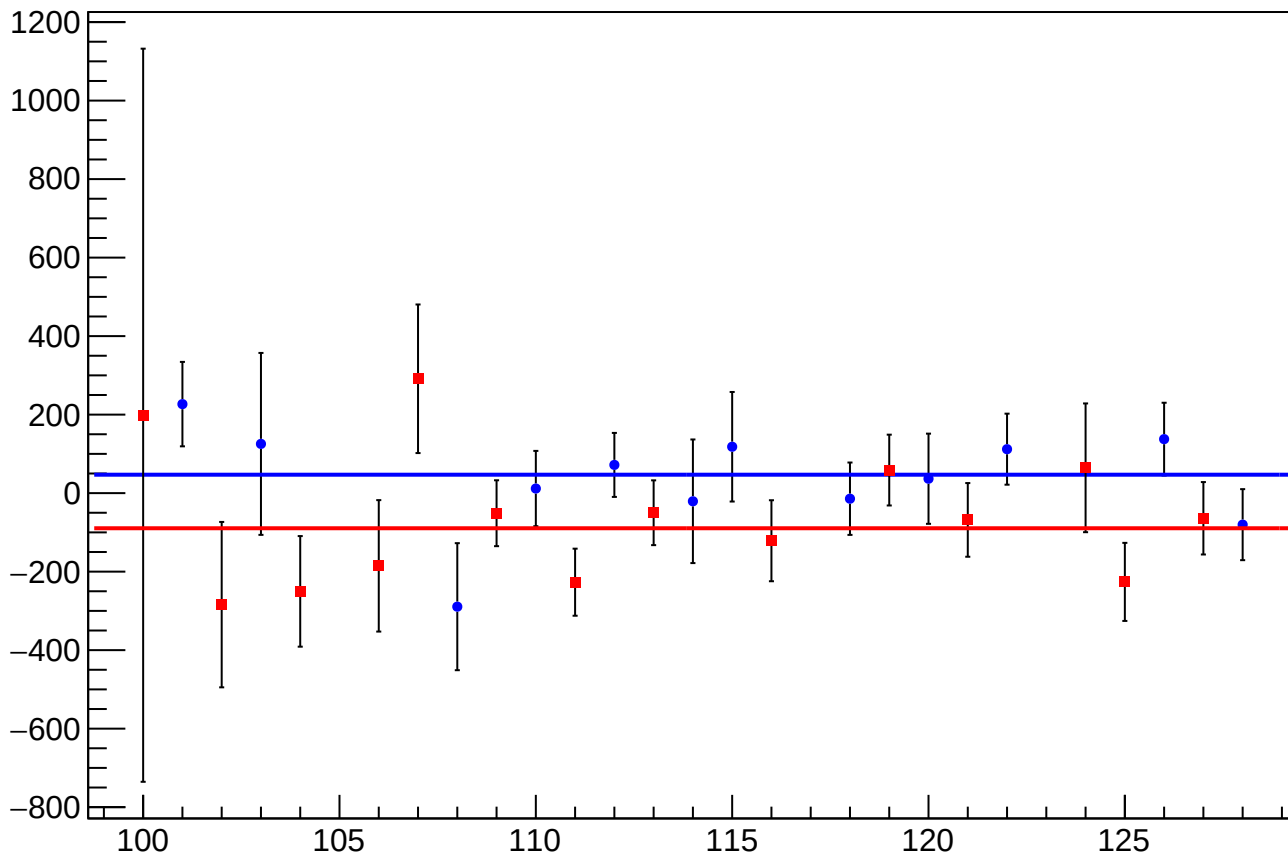
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 649.788+/-0.146 χ^2/NDF : 622741.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_37_dd_mean vs Slug



Right In: 46.927+/-30.884 χ^2/NDF : 11.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -89.487+/-29.493 χ^2/NDF : 15.3/13

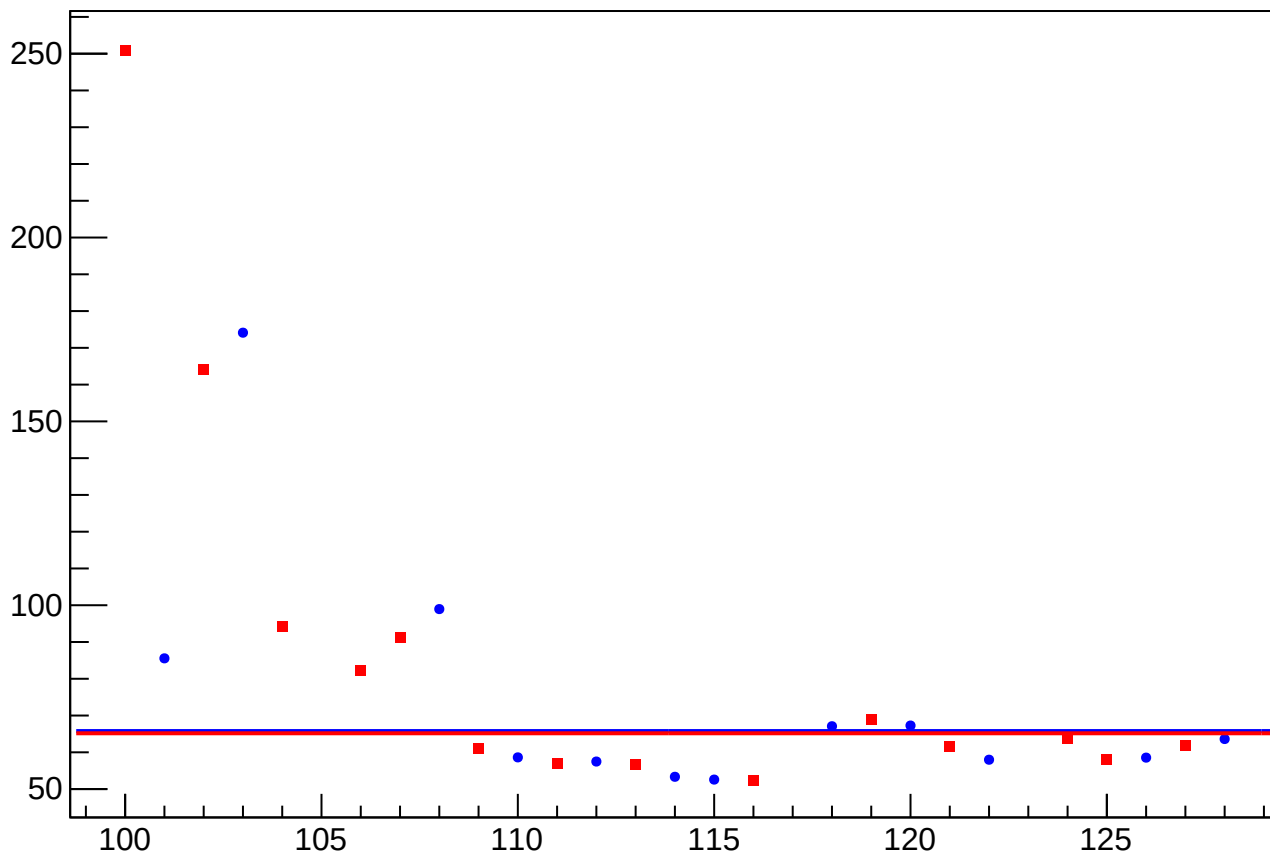
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.421+/-21.330 χ^2/NDF : 37.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_37_dd_rms vs Slug



Right In: 65.778+/-0.022 χ^2/NDF : 679897.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.176+/-0.021 χ^2/NDF : 756352.1/13

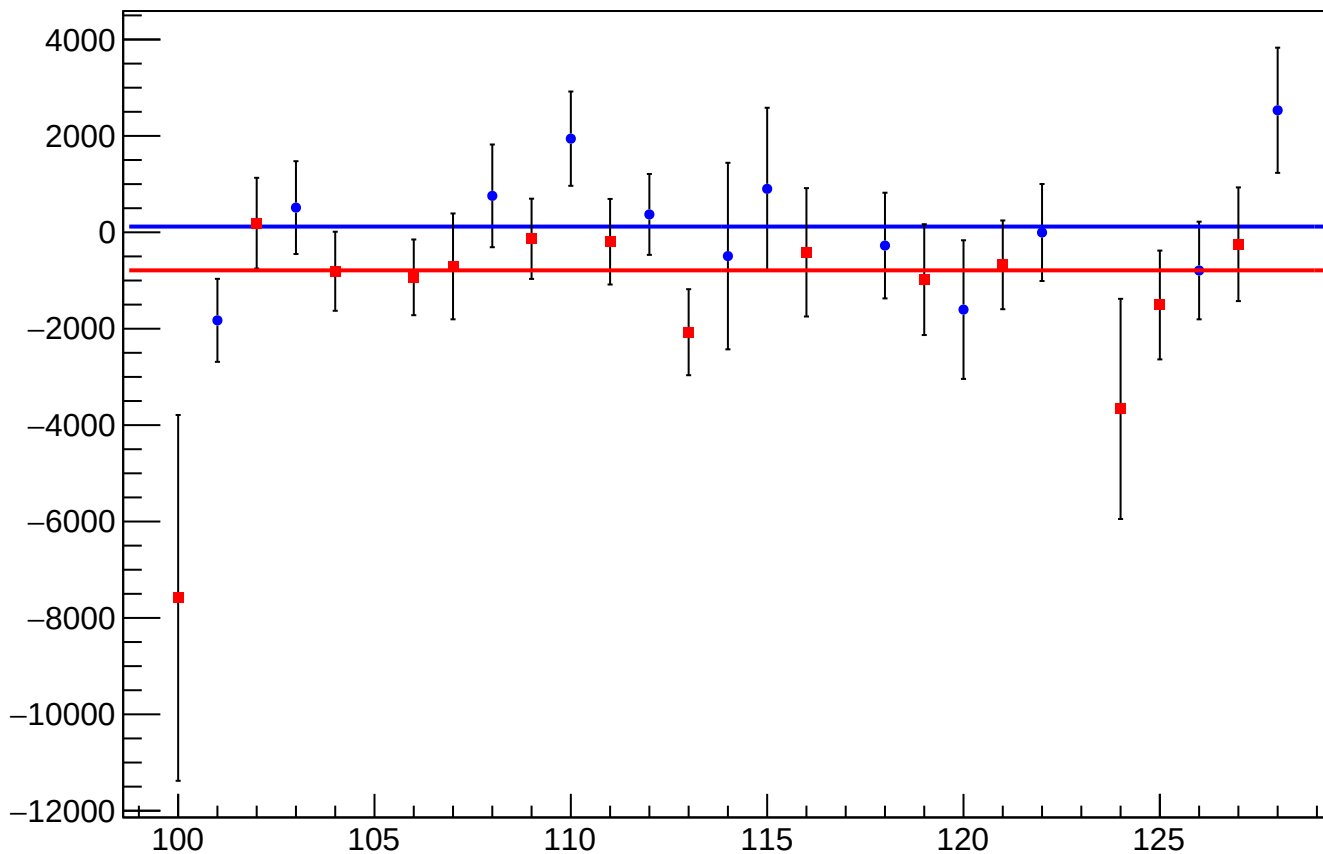
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.463+/-0.015 χ^2/NDF : 1436647.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_eigen_cor_correction_mean vs Slug



Right In: 119.004 $\pm$ 312.119 χ^2 /NDF: 15.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -789.235 $\pm$ 274.187 χ^2 /NDF: 9.8/13

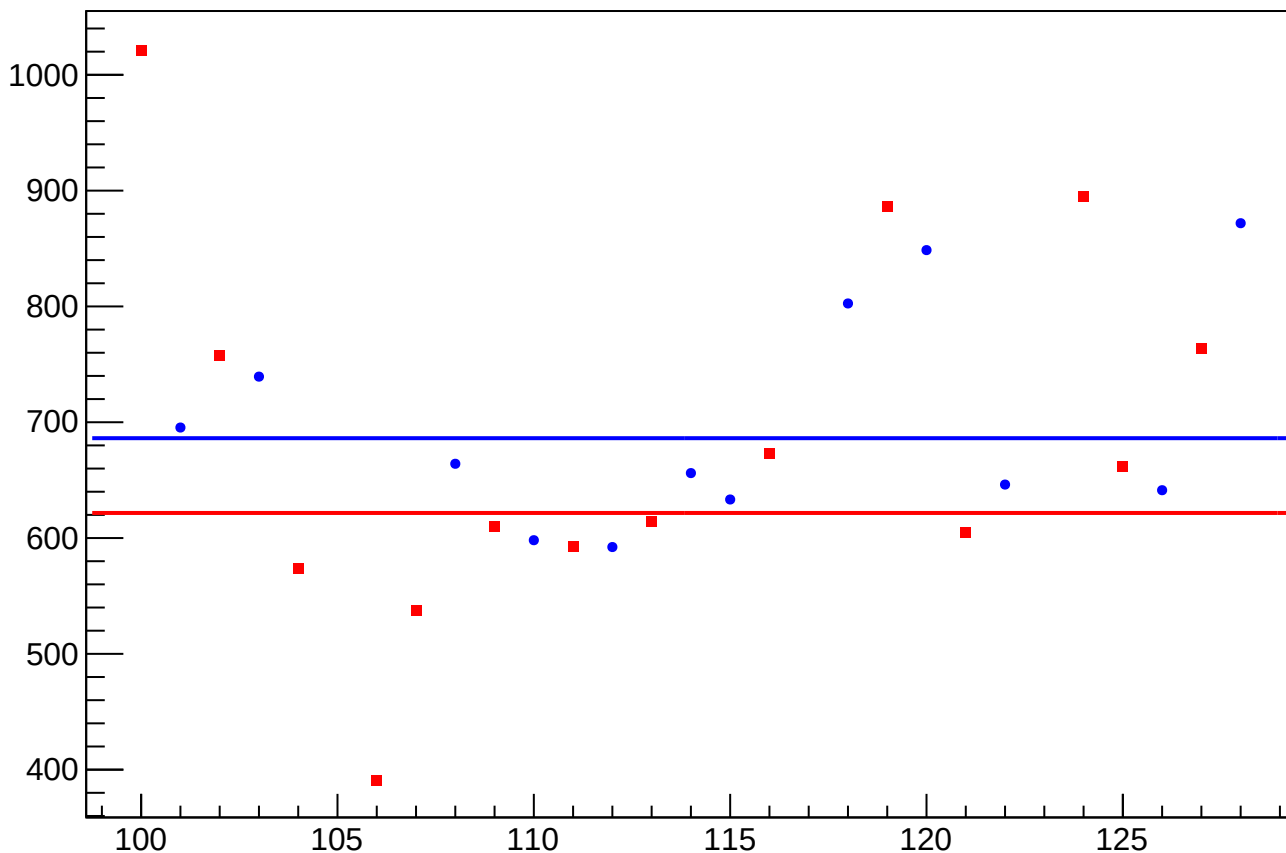
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -393.630 $\pm$ 205.992 χ^2 /NDF: 29.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_cor_correction_rms vs Slug



Right In: 686.233+/-0.221 χ^2/NDF : 146963.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 621.663+/-0.194 χ^2/NDF : 427465.8/13

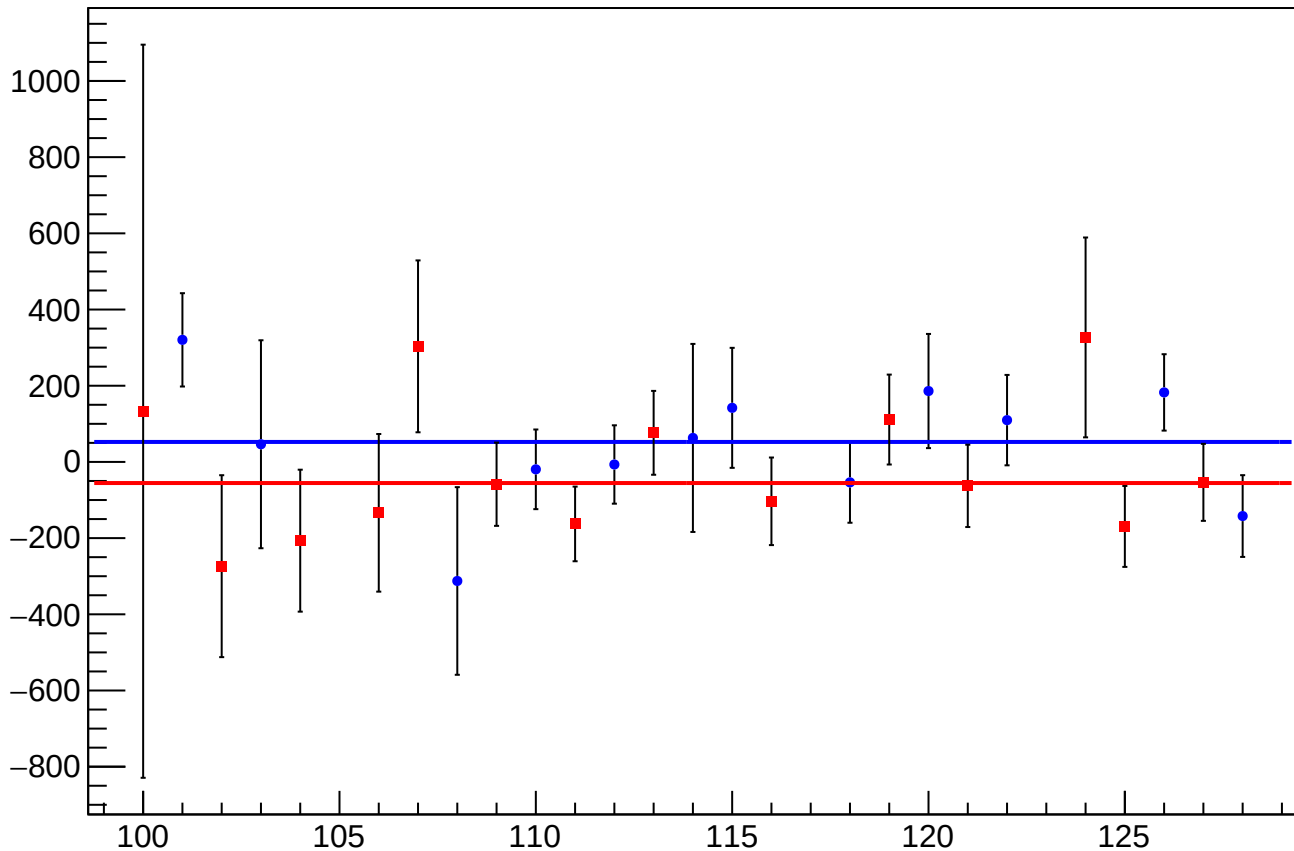
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 649.788+/-0.146 χ^2/NDF : 622741.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_mean vs Slug



Right In: 52.454+/-37.007 χ^2/NDF : 15.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -55.406+/-35.462 χ^2/NDF : 12.3/13

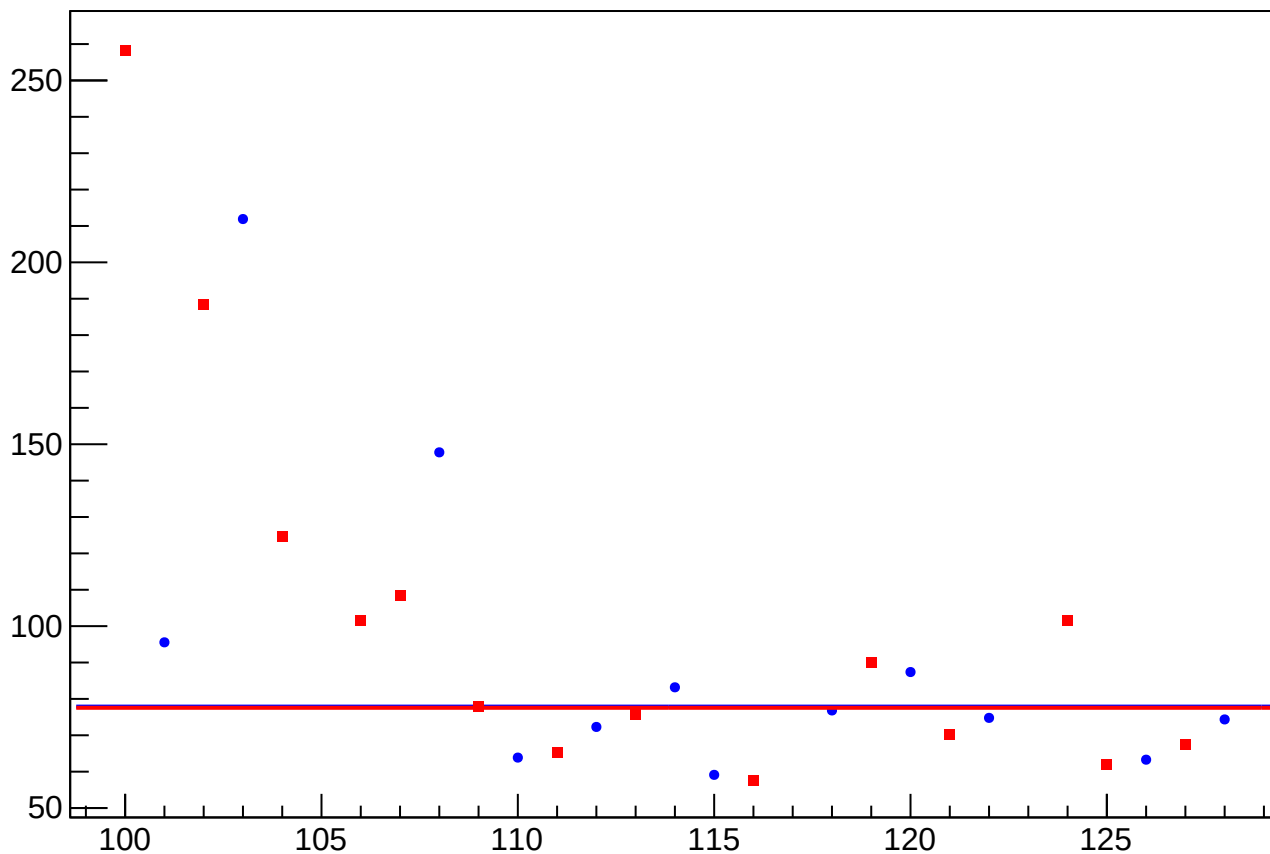
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.774+/-25.604 χ^2/NDF : 31.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_rms vs Slug



Right In: 77.884 $\pm$ 0.026 χ^2 /NDF: 810181.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 77.557 $\pm$ 0.025 χ^2 /NDF: 898332.8/13

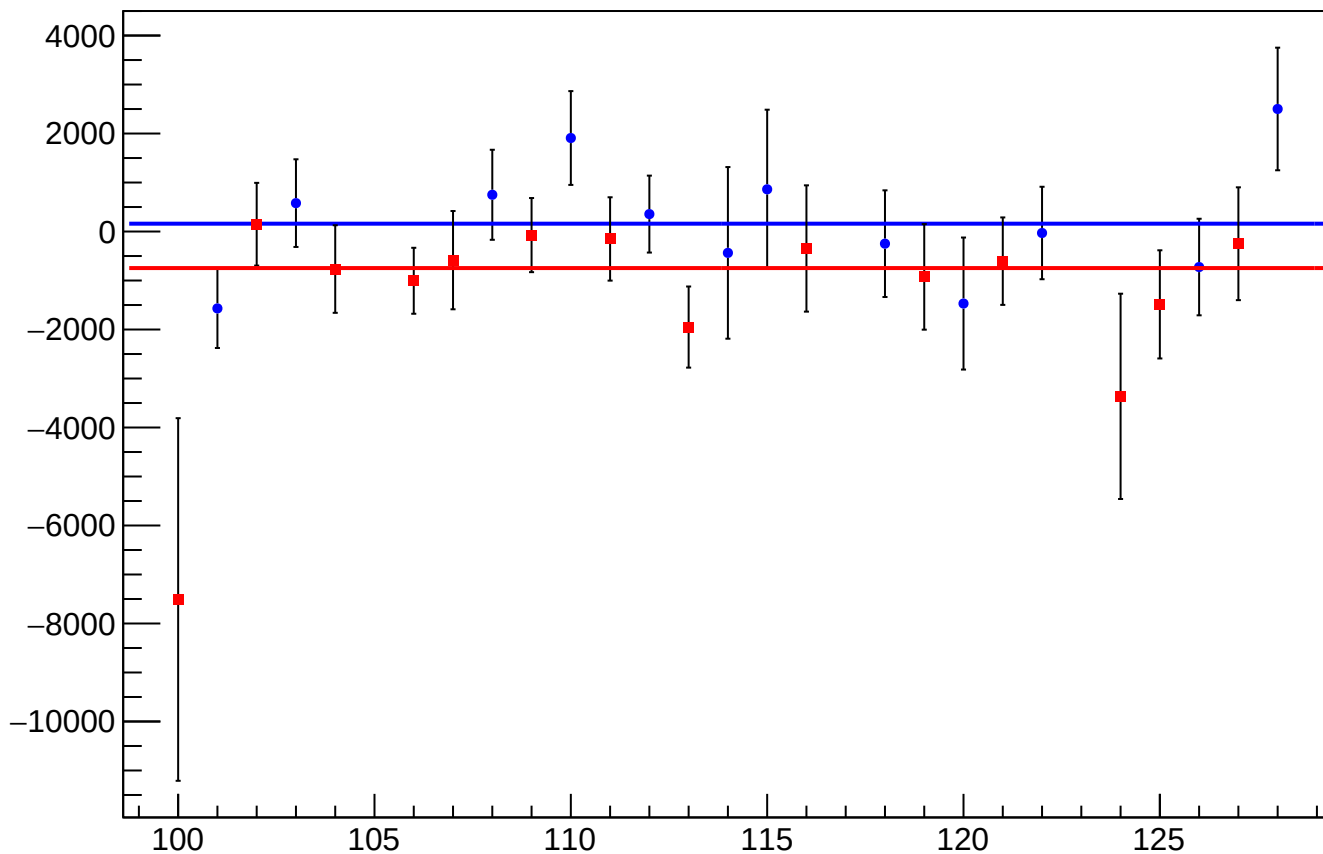
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 77.713 $\pm$ 0.018 χ^2 /NDF: 1708595.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_dit_correction_mean vs Slug



Right In: 159.947 $\pm$ 293.981 χ^2 /NDF: 14.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -745.914 $\pm$ 257.838 χ^2 /NDF: 10.4/13

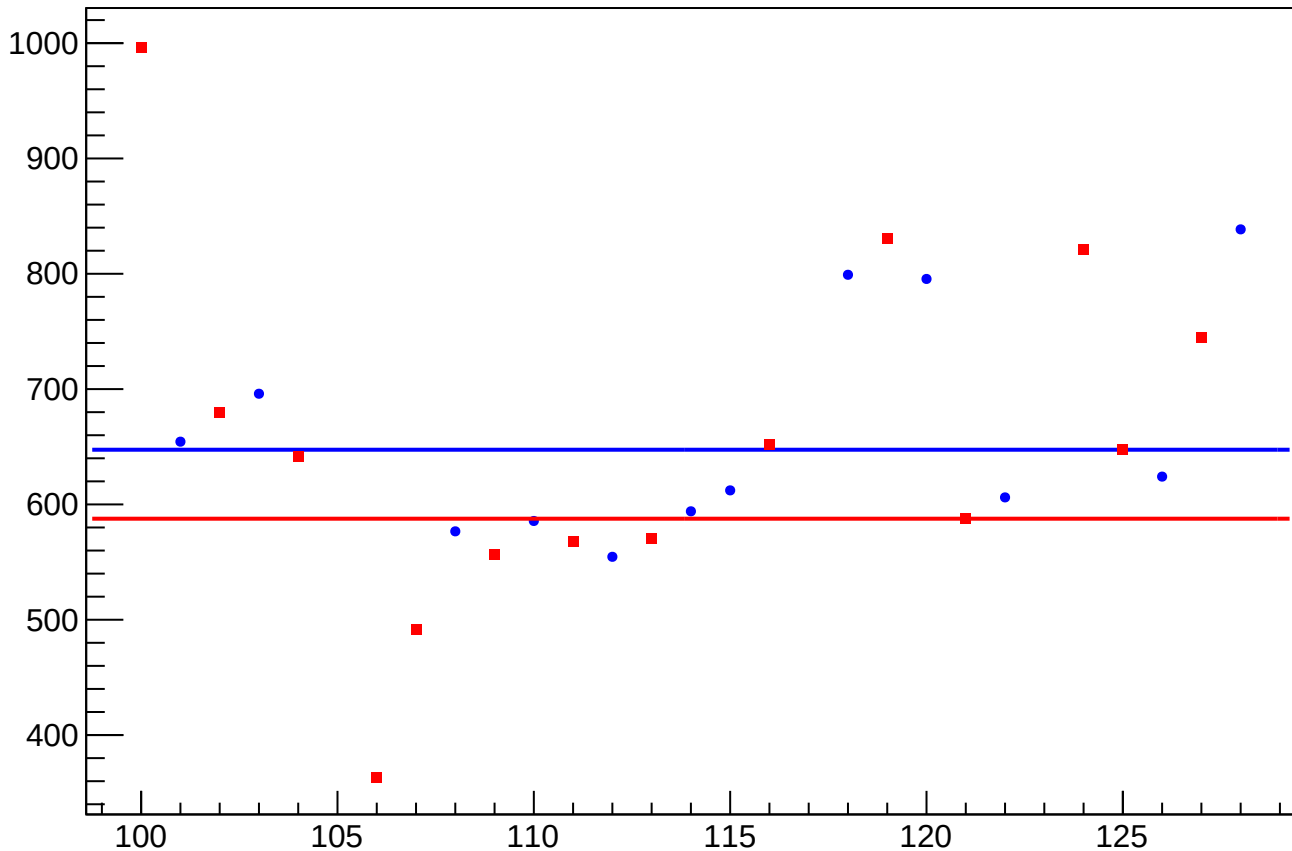
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -352.063 $\pm$ 193.845 χ^2 /NDF: 30.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_dit_correction_rms vs Slug



Right In: 647.425+/-0.208 χ^2/NDF : 171628.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 587.617+/-0.182 χ^2/NDF : 476183.2/13

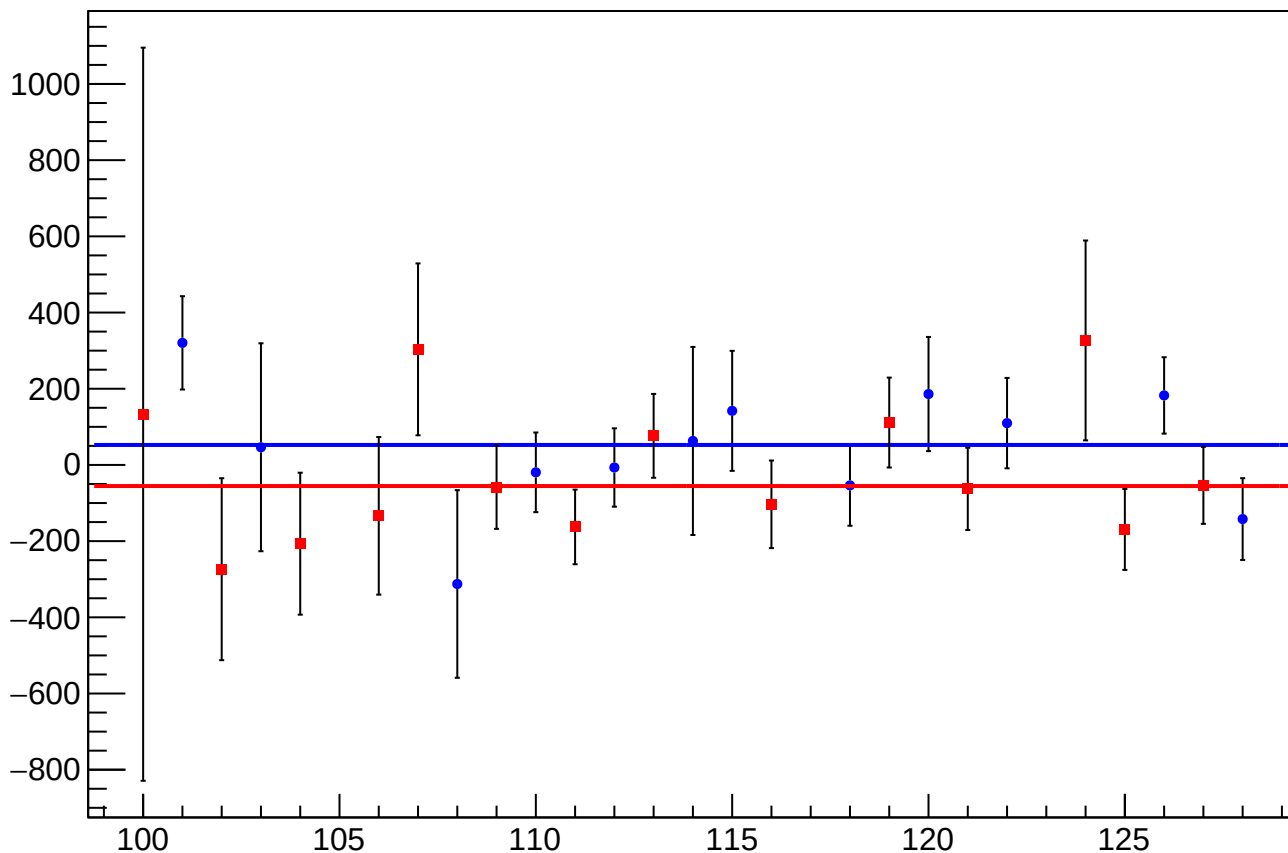
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 613.621+/-0.137 χ^2/NDF : 694599.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_37_dd_mean vs Slug



Right In: 52.453+/-37.007 χ^2/NDF : 15.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -55.404+/-35.462 χ^2/NDF : 12.3/13

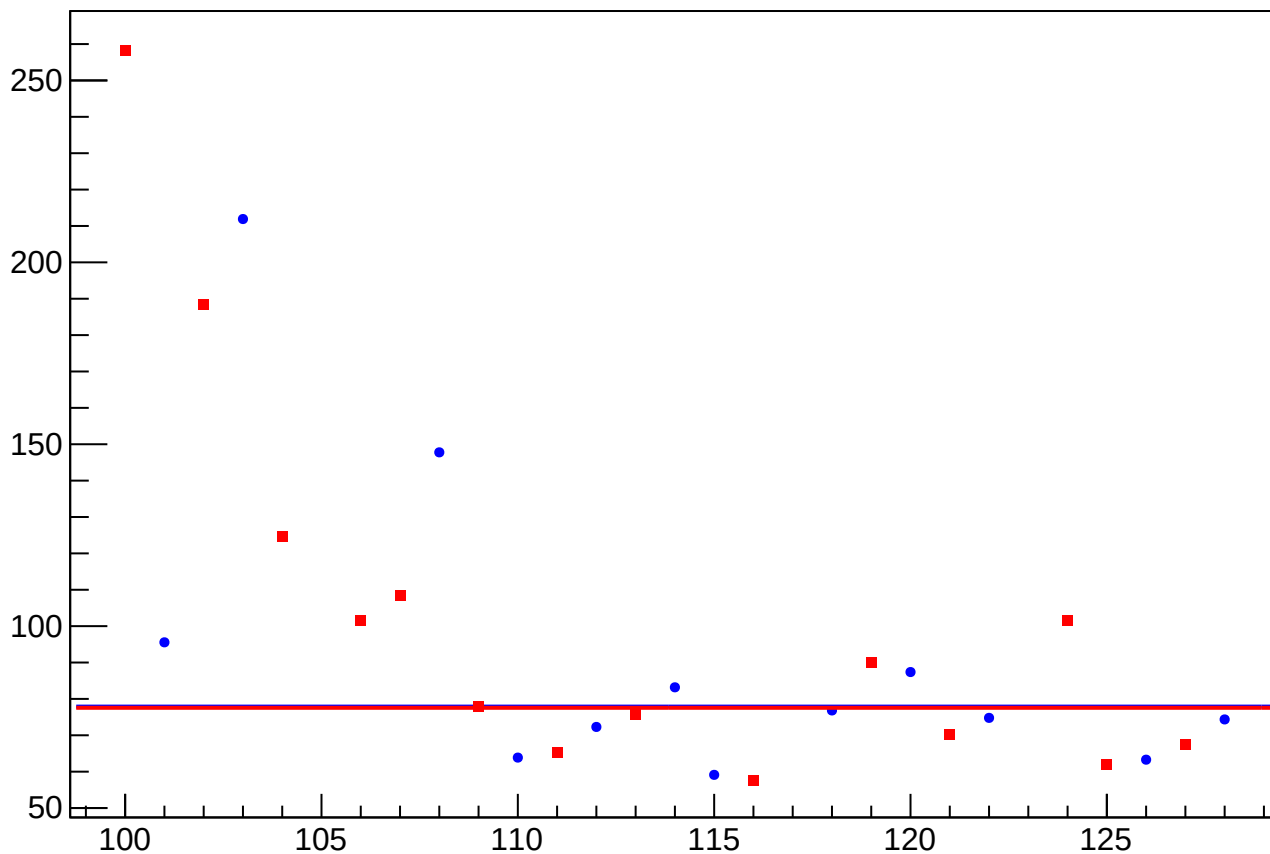
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.774+/-25.604 χ^2/NDF : 31.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_37_dd_rms vs Slug



Right In: 77.884+/-0.026 χ^2/NDF : 810178.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.557+/-0.025 χ^2/NDF : 898317.3/13

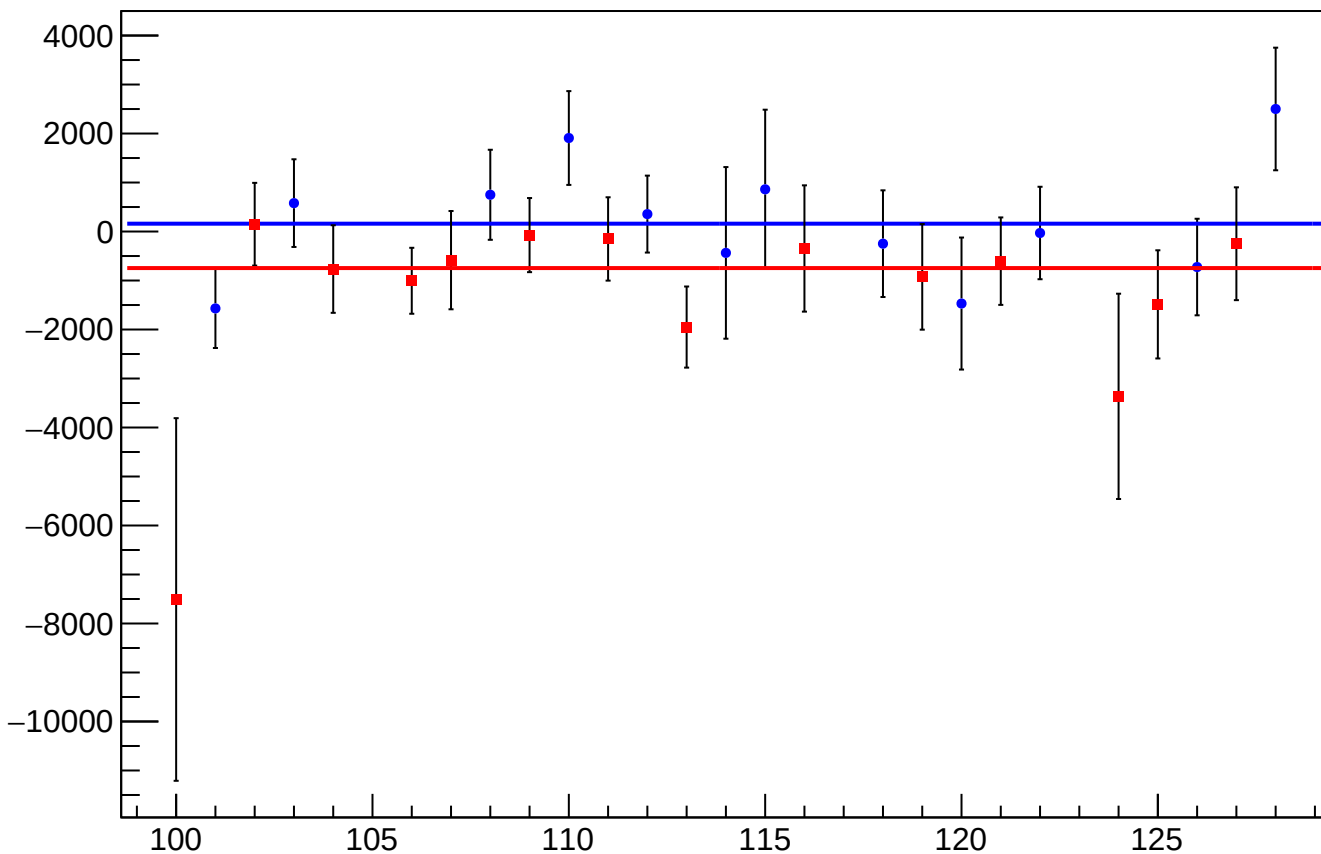
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.713+/-0.018 χ^2/NDF : 1708577.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_eigen_dit_correction_mean vs Slug



Right In: 159.946 $\pm$ 293.980 χ^2 /NDF: 14.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -745.913 $\pm$ 257.837 χ^2 /NDF: 10.4/13

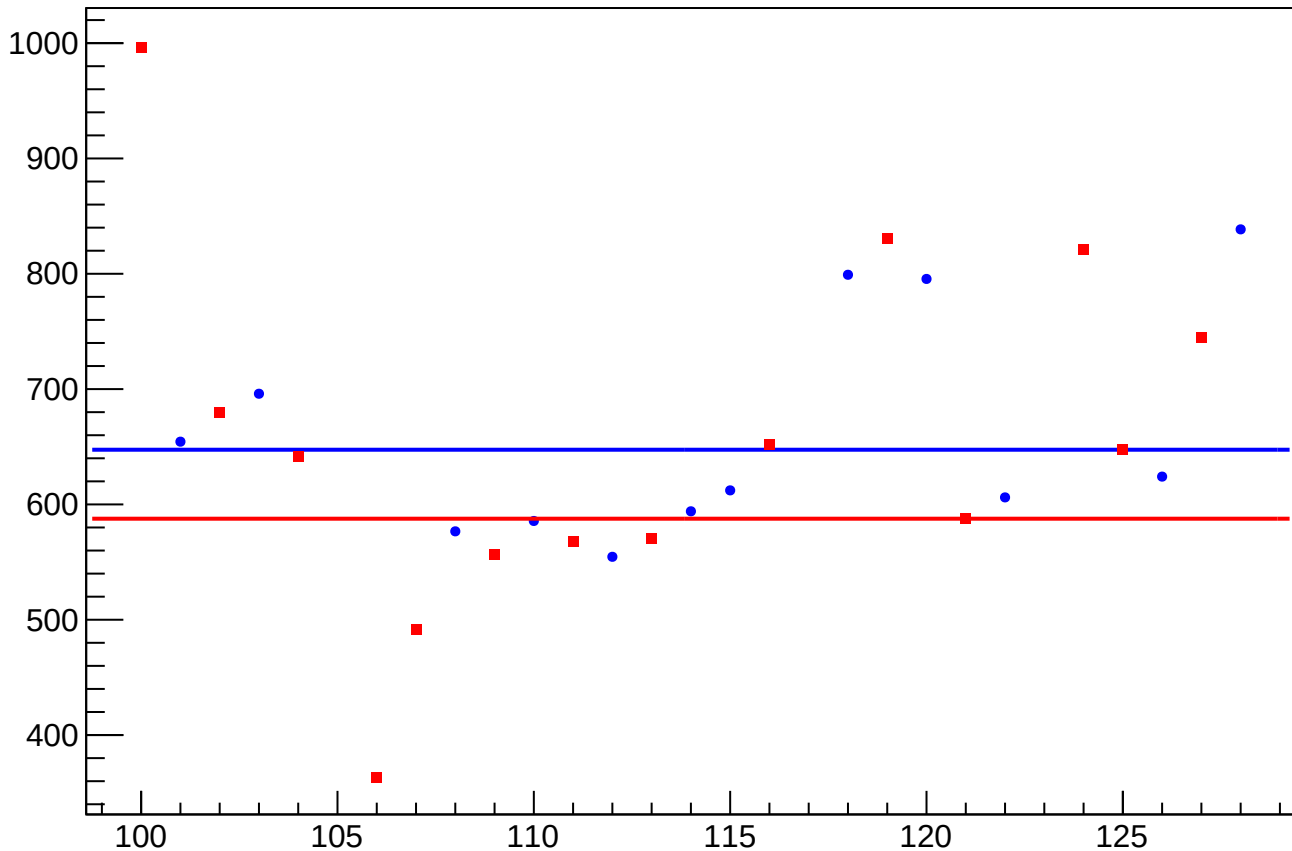
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -352.062 $\pm$ 193.845 χ^2 /NDF: 30.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_dit_correction_rms vs Slug



Right In: 647.425+/-0.208 χ^2/NDF : 171631.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 587.616+/-0.182 χ^2/NDF : 476183.6/13

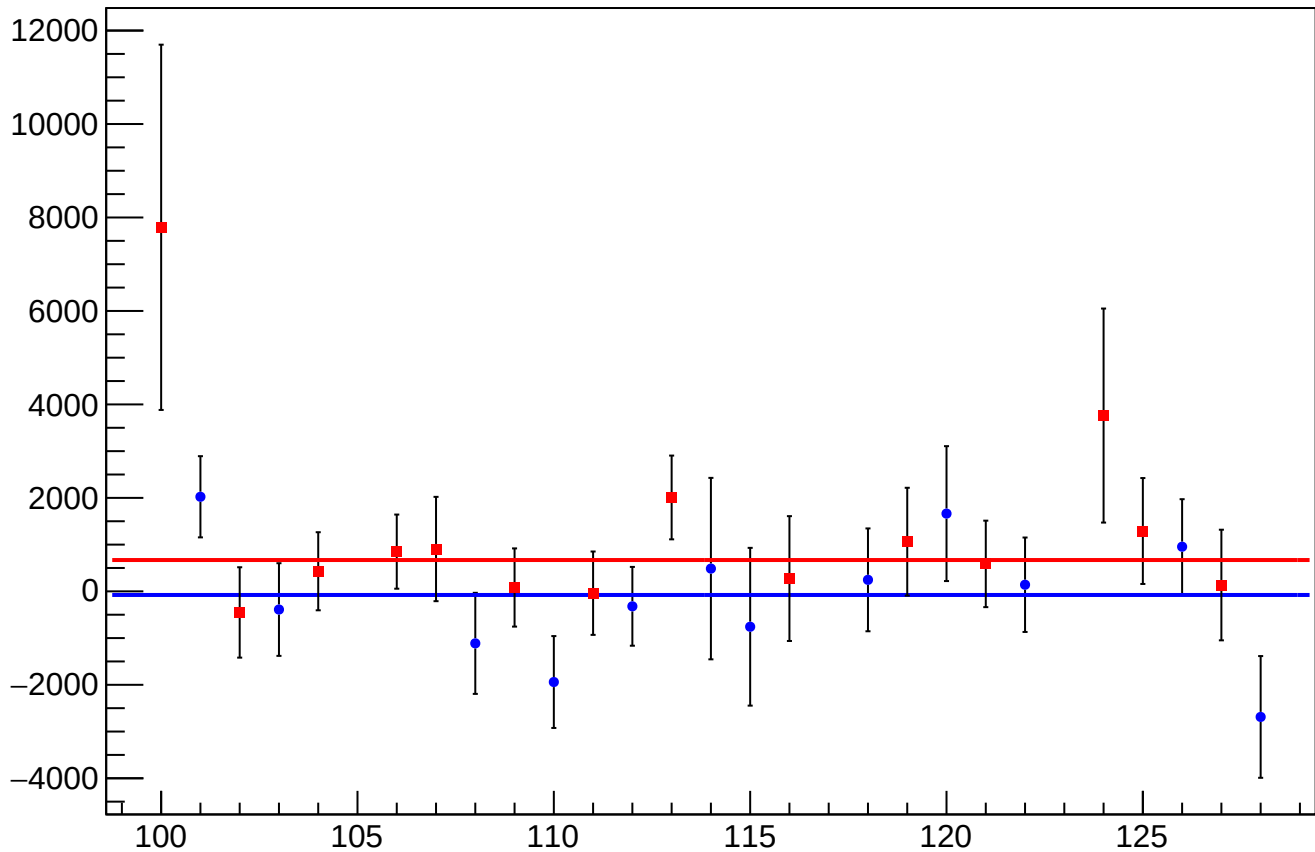
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 613.620+/-0.137 χ^2/NDF : 694603.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_mean vs Slug



Right In: -77.515 ± 314.708 χ^2/NDF : 17.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 670.142 ± 276.781 χ^2/NDF : 10.7/13

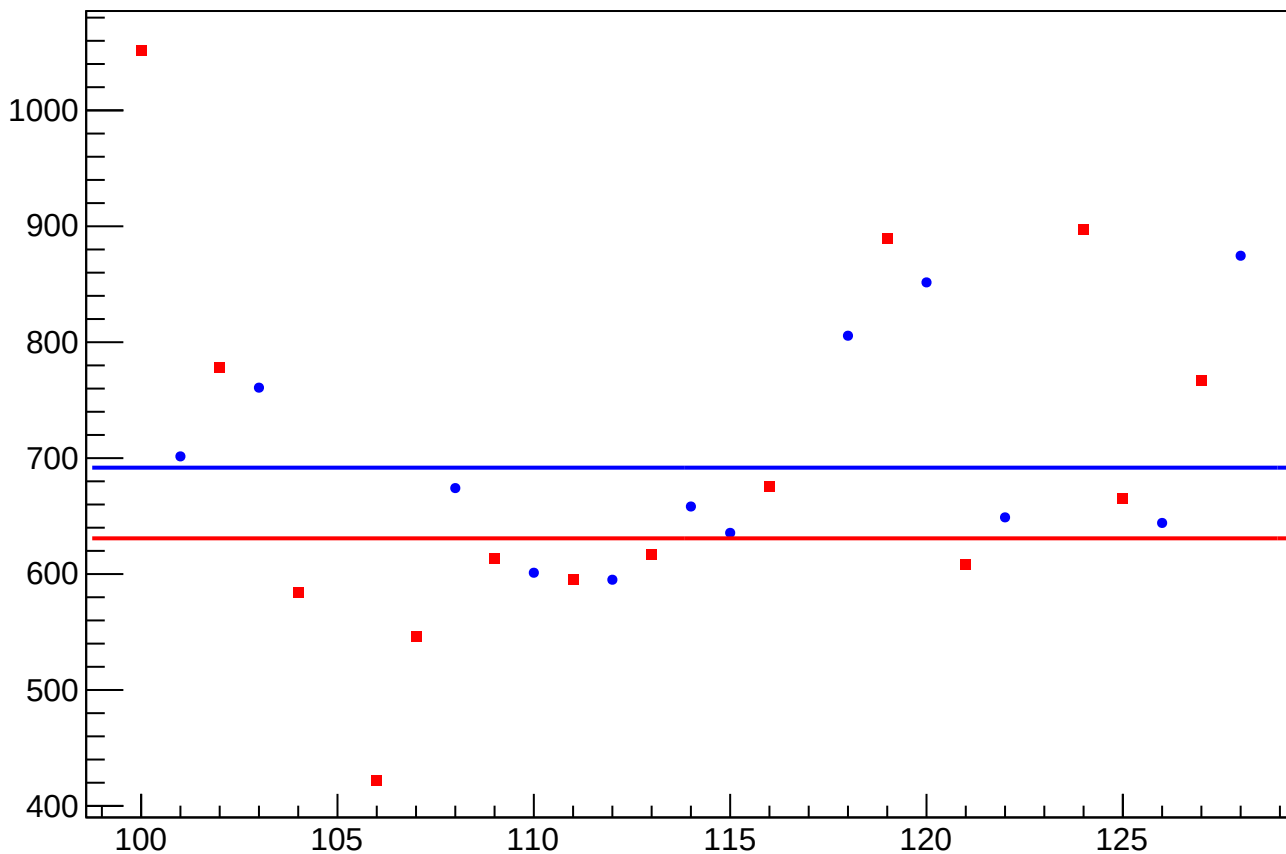
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 344.058 ± 207.836 χ^2/NDF : 31.3/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_rms vs Slug



Right In: 691.792 $\pm$ 0.223 χ^2 /NDF: 149909.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 630.817 $\pm$ 0.196 χ^2 /NDF: 389047.0/13

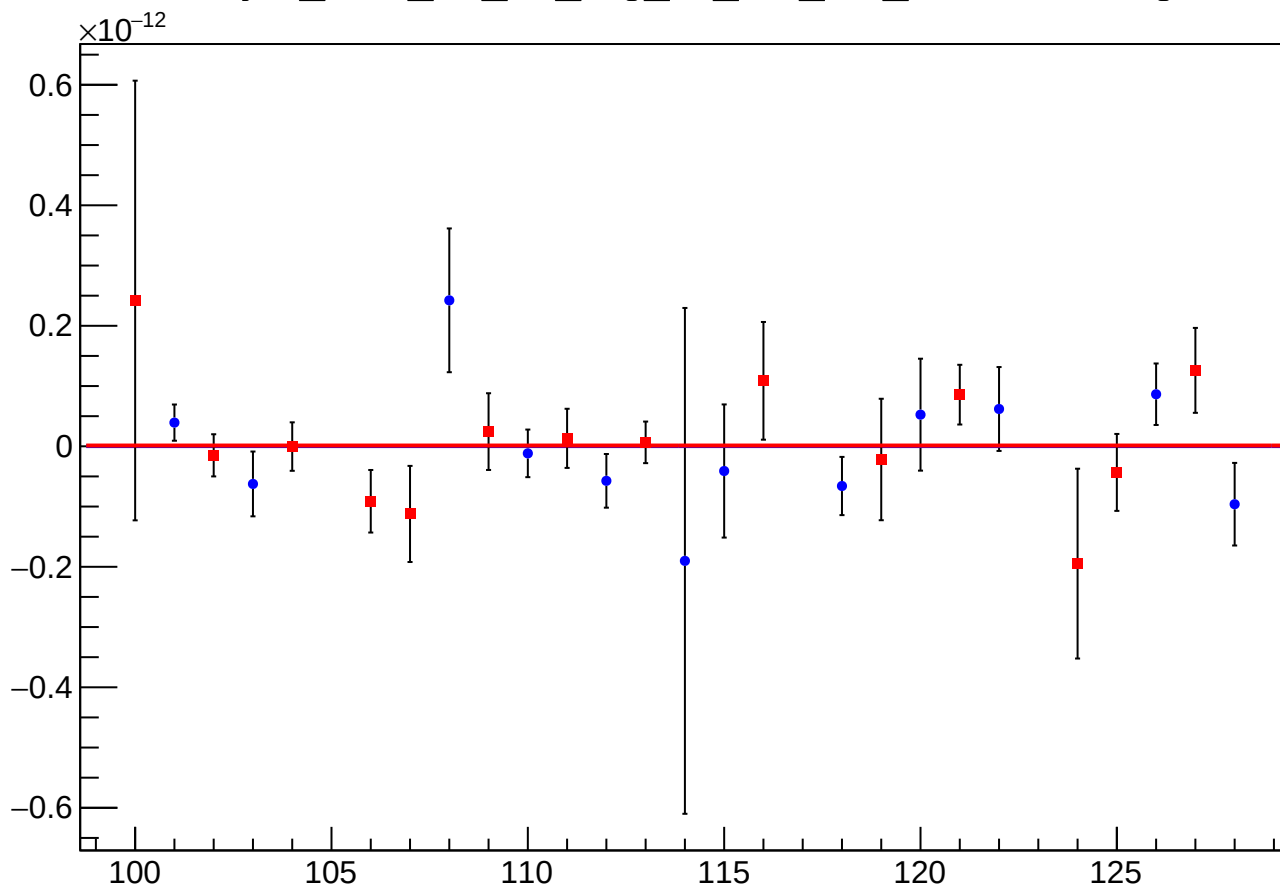
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 657.410 $\pm$ 0.147 χ^2 /NDF: 581291.0/25

- 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: 17.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.4/13

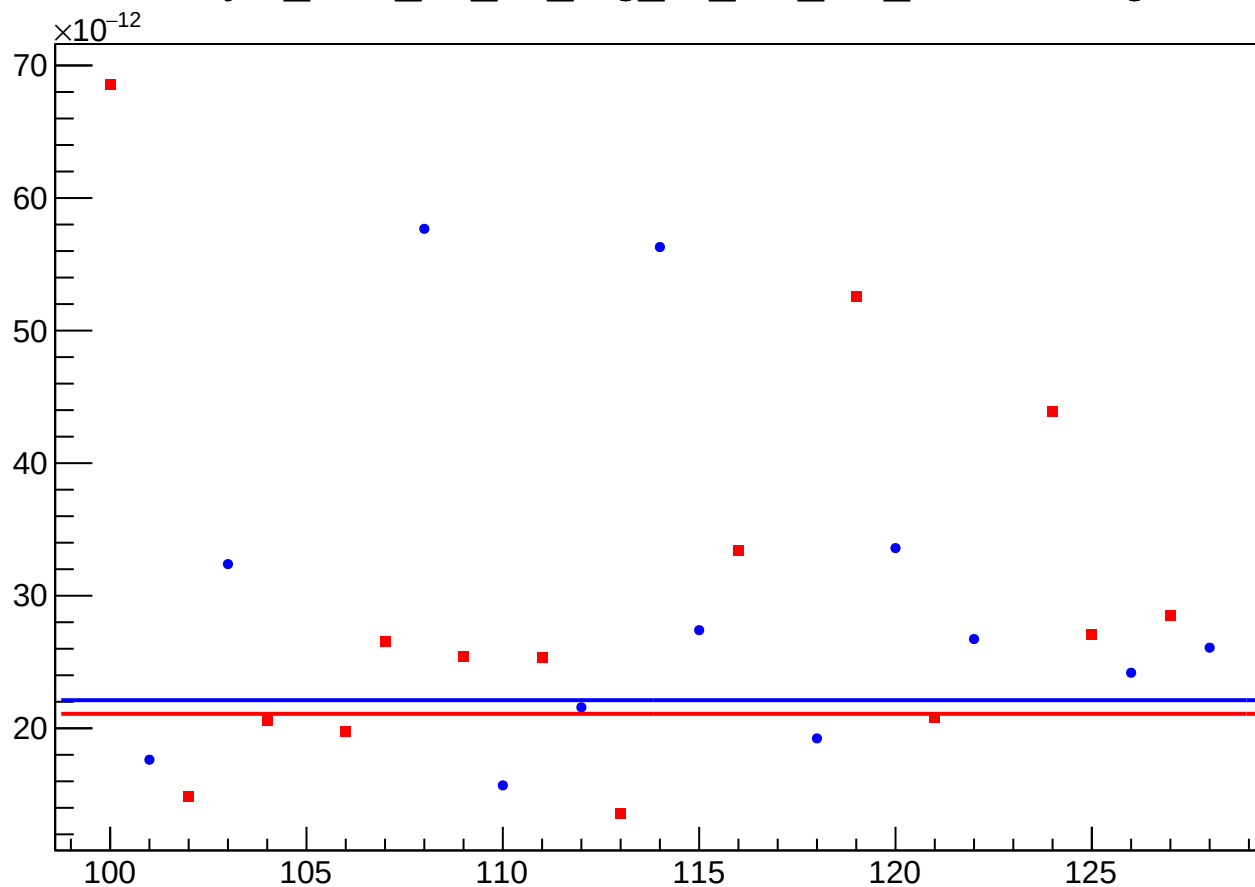
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 32.5/25

- 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 : 422599.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 535527.8/13

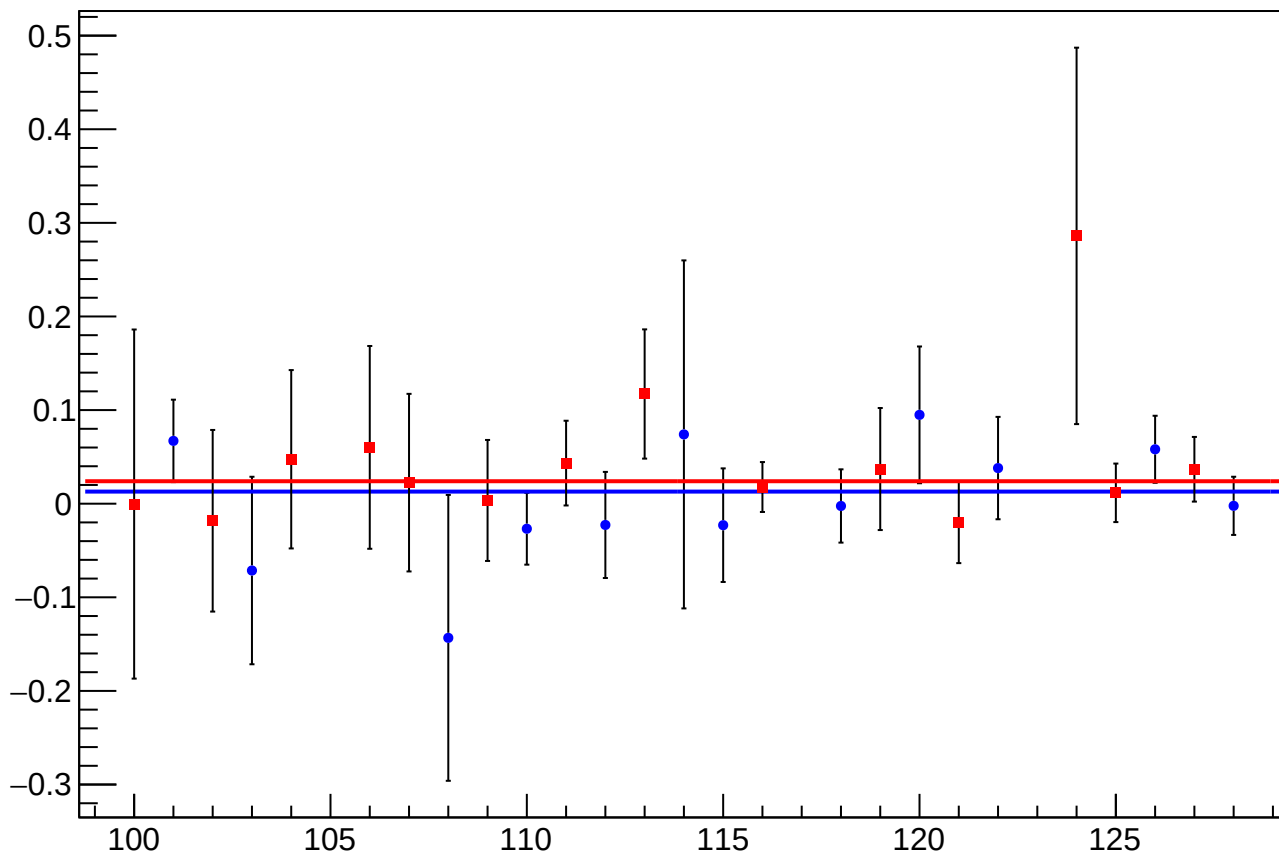
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 962687.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.013 $\pm$ 0.014 χ^2 /NDF: 8.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.024 $\pm$ 0.014 χ^2 /NDF: 5.6/13

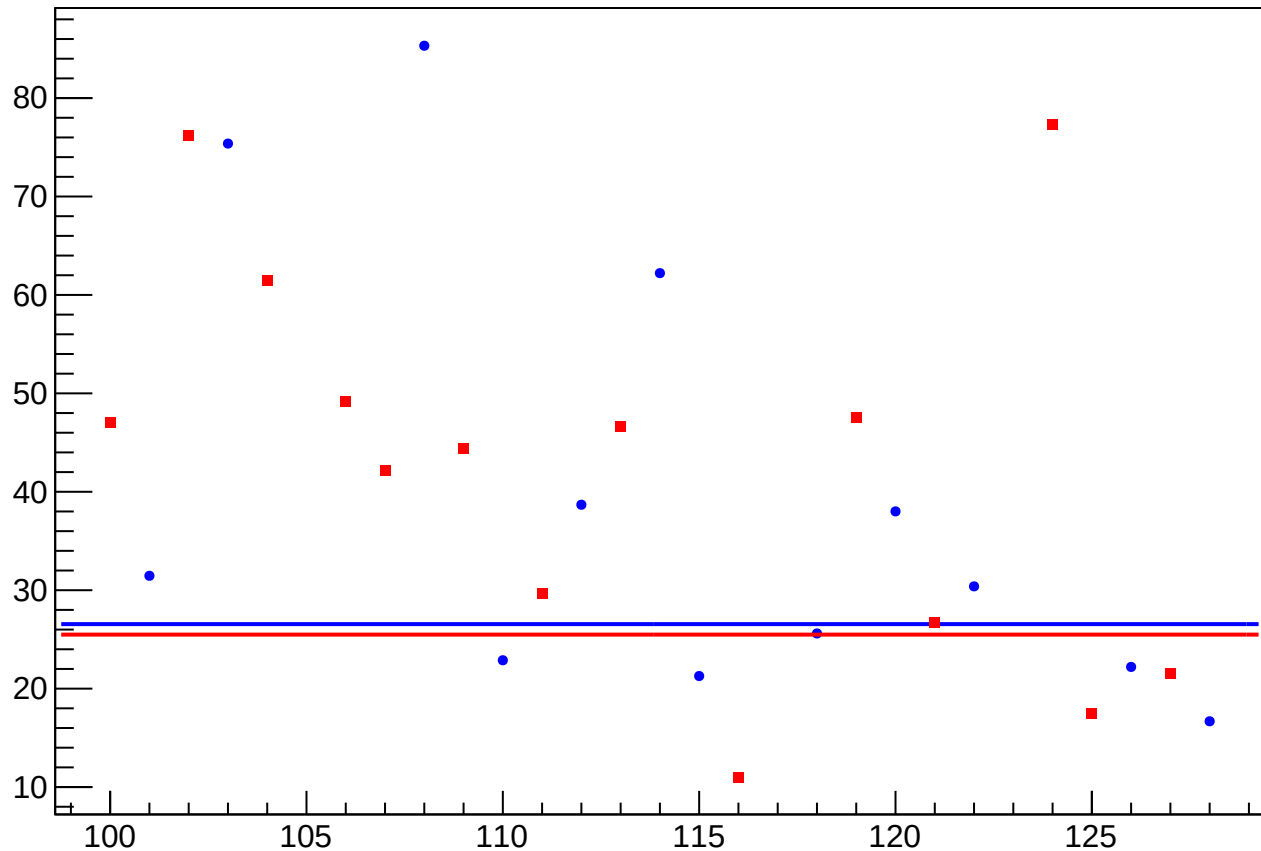
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.010 χ^2 /NDF: 14.6/25

- 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: 26.554 $\pm$ 0.010 χ^2 /NDF: 1286609.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.489 $\pm$ 0.010 χ^2 /NDF: 2506042.4/13

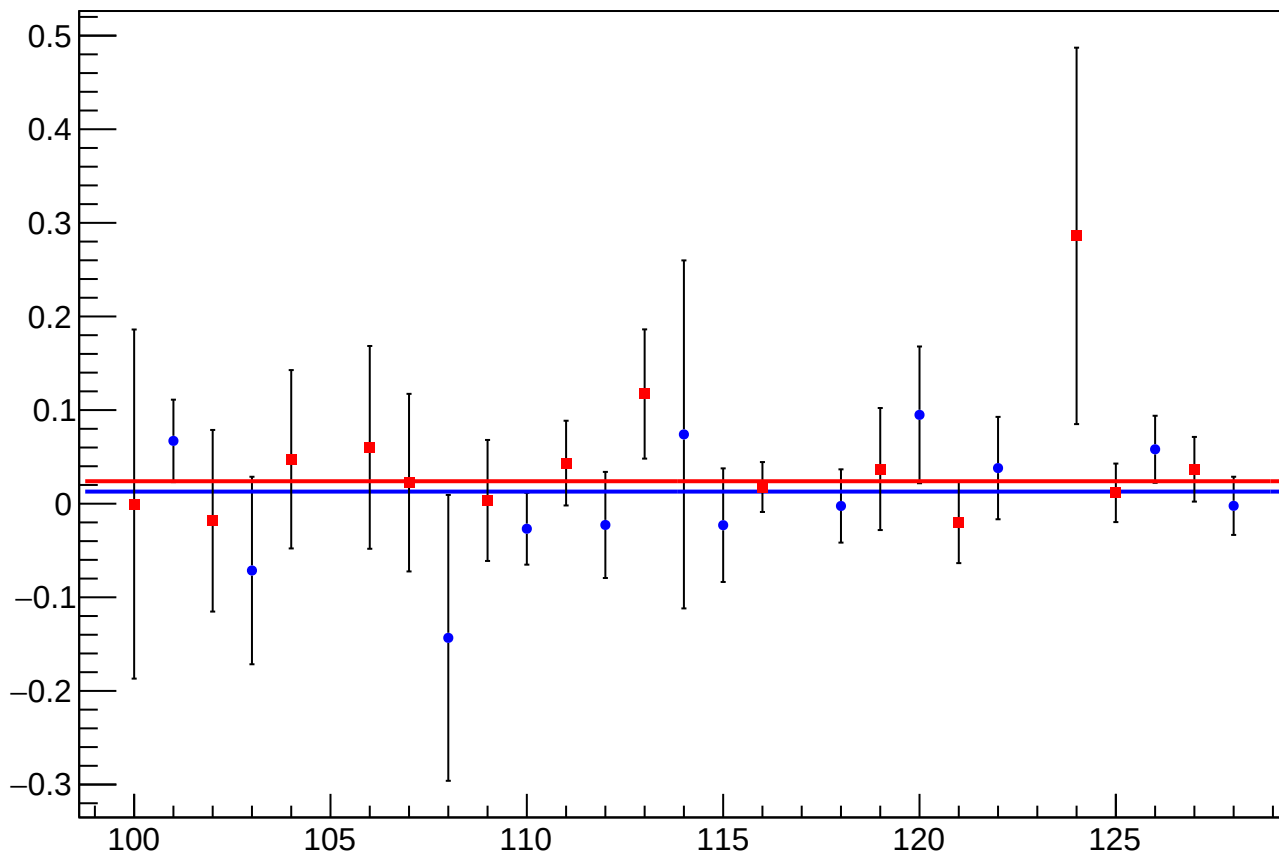
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.996 $\pm$ 0.007 χ^2 /NDF: 3798522.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.013 $\pm$ 0.014 χ^2 /NDF: 8.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.024 $\pm$ 0.014 χ^2 /NDF: 5.6/13

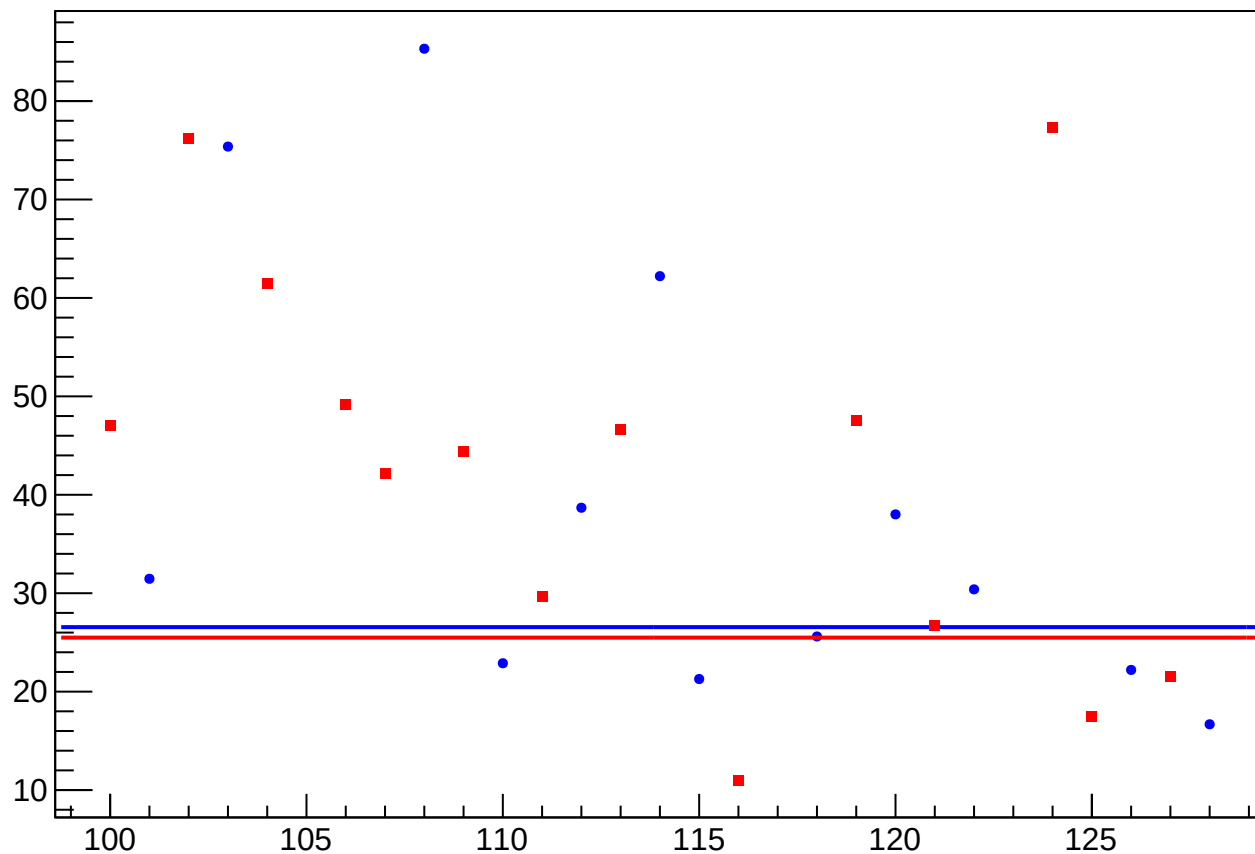
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.010 χ^2 /NDF: 14.6/25

- 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: 26.554 $\pm$ 0.010 χ^2 /NDF: 1286609.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.489 $\pm$ 0.010 χ^2 /NDF: 2506042.4/13

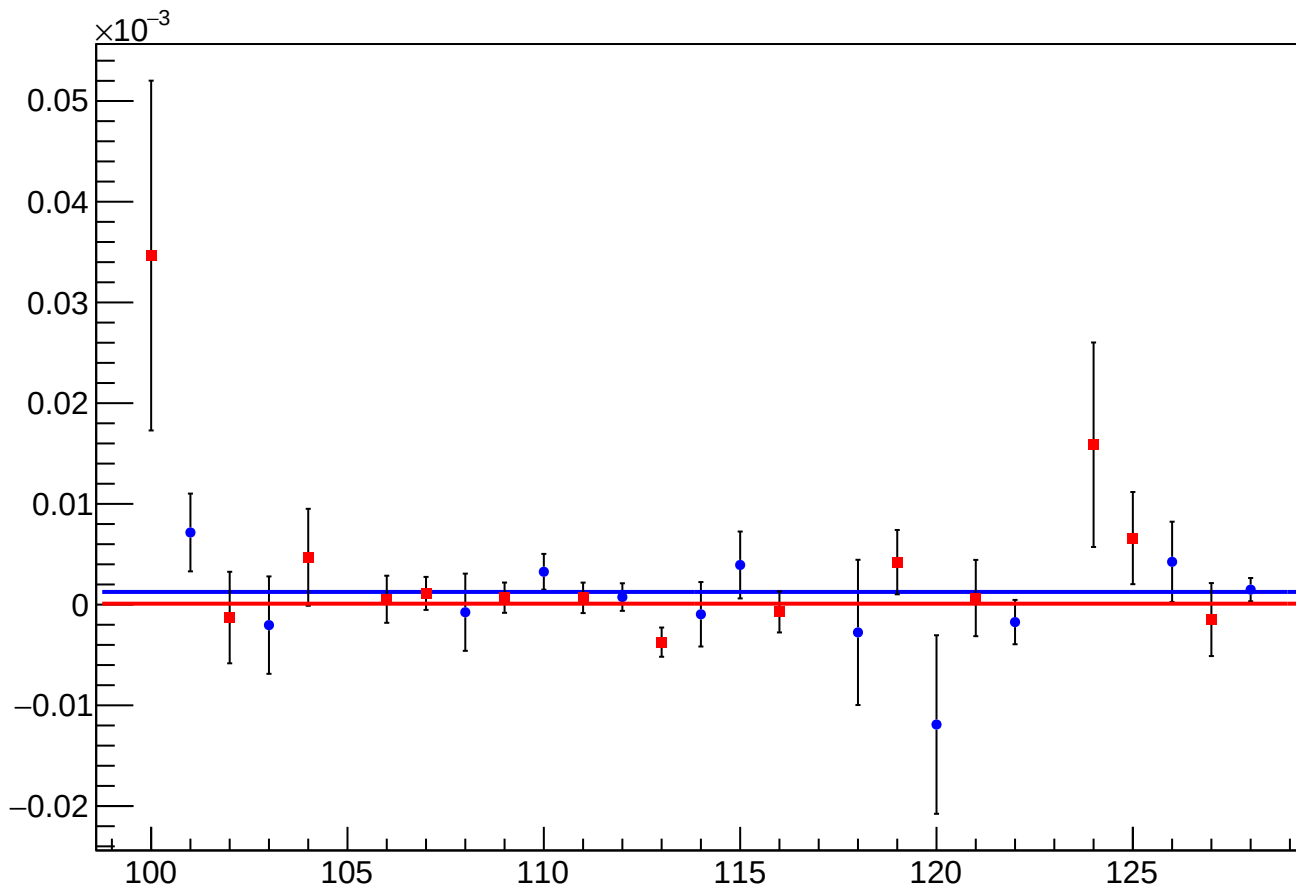
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.996 $\pm$ 0.007 χ^2 /NDF: 3798522.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.1/13

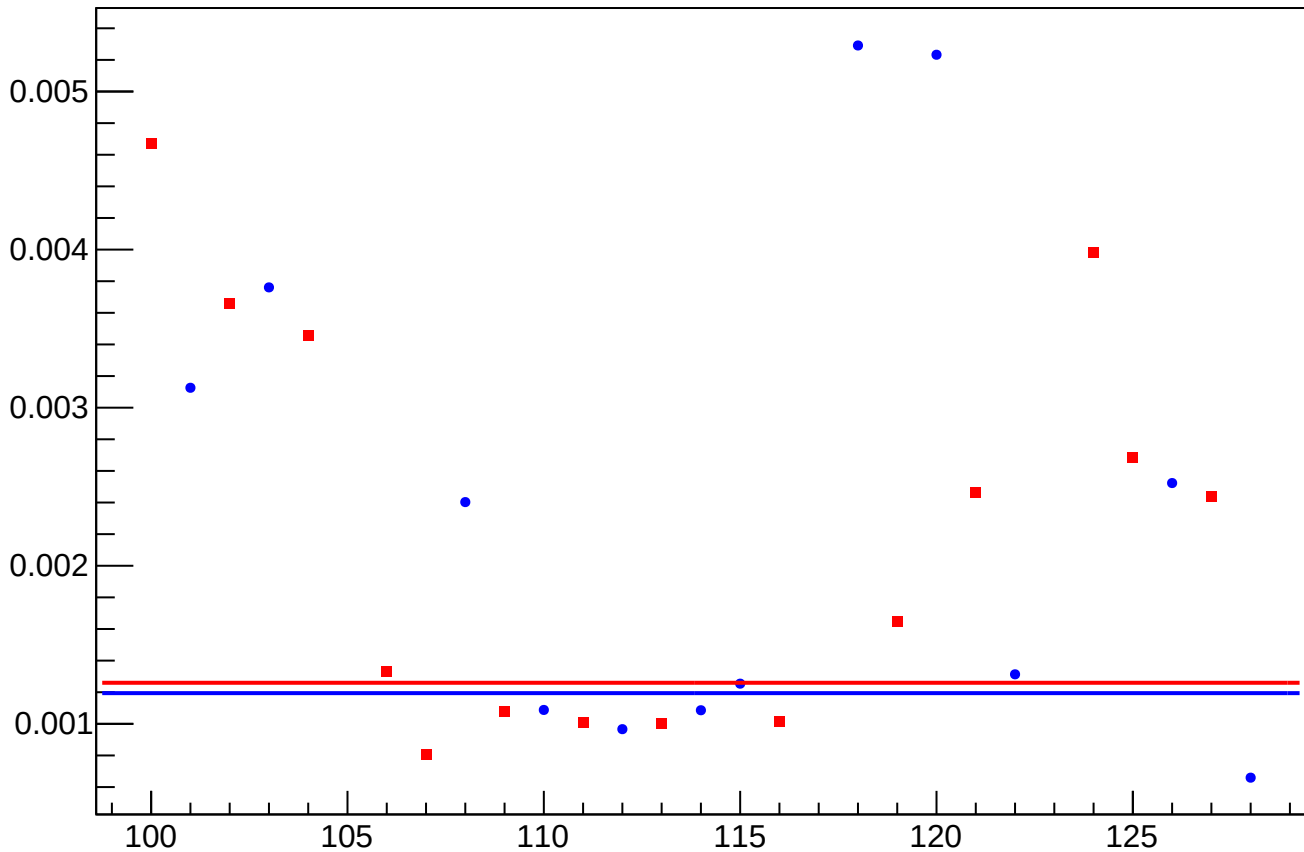
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 31.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 3045514.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2166206.9/13

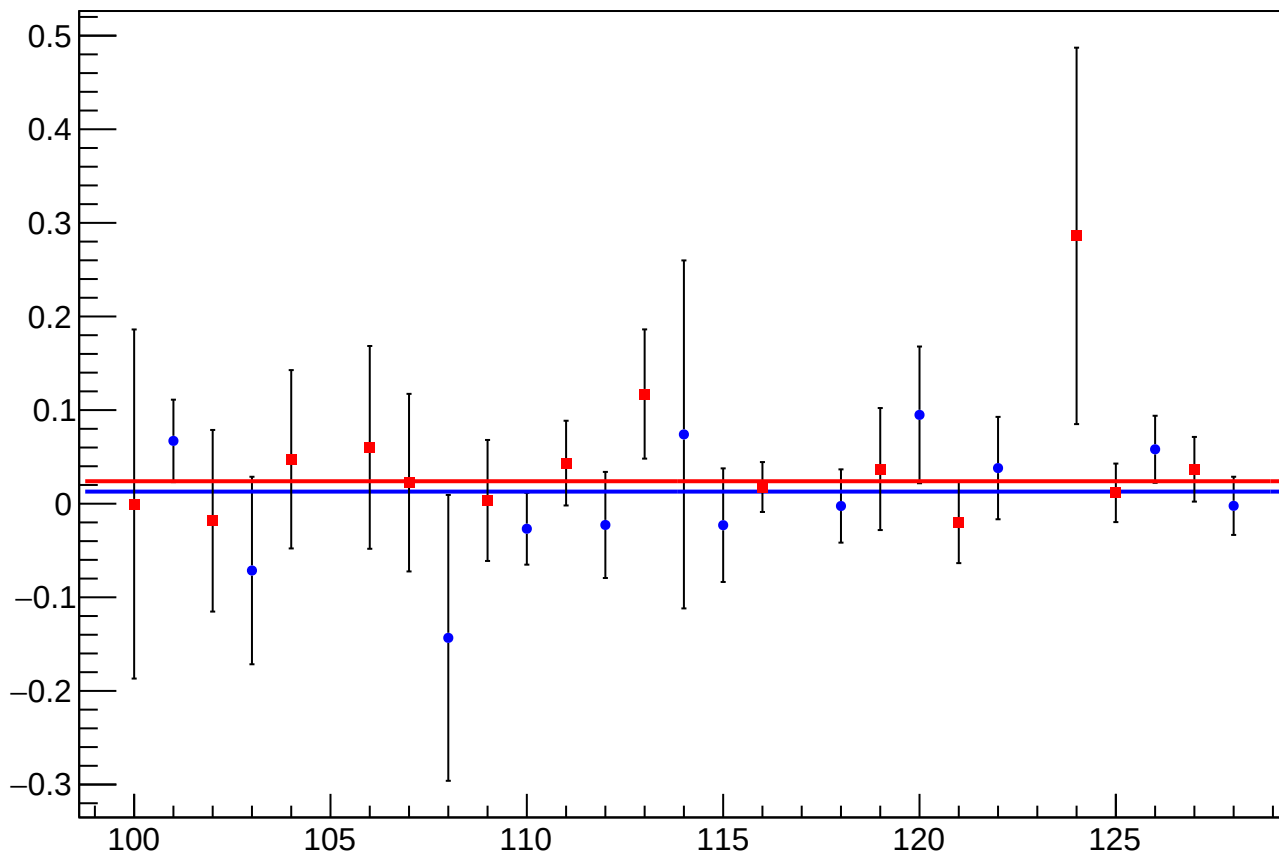
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5222030.8/25

- 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: 0.013 $\pm$ 0.014 χ^2 /NDF: 8.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.024 $\pm$ 0.014 χ^2 /NDF: 5.6/13

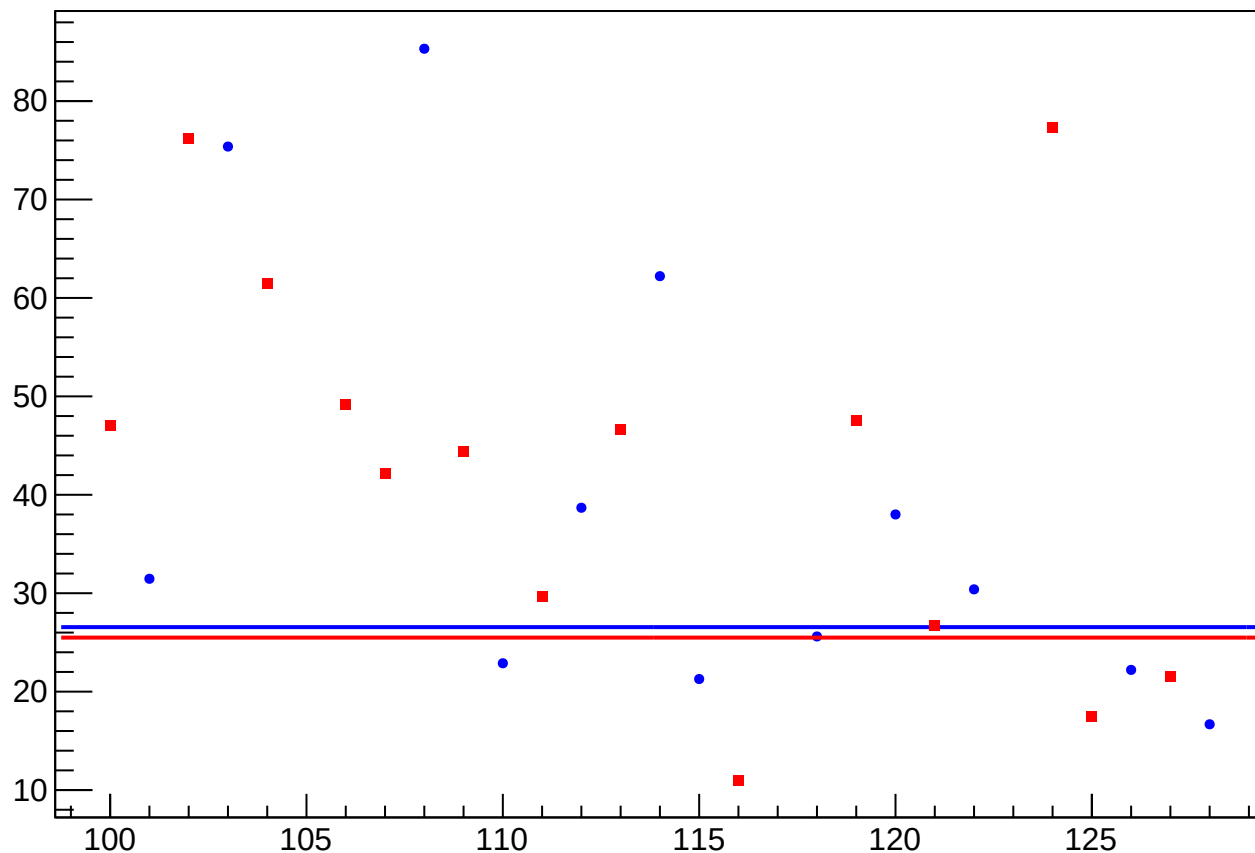
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.010 χ^2 /NDF: 14.6/25

- 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: 26.555 $\pm$ 0.010 χ^2 /NDF: 1286564.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.490 $\pm$ 0.010 χ^2 /NDF: 2505851.7/13

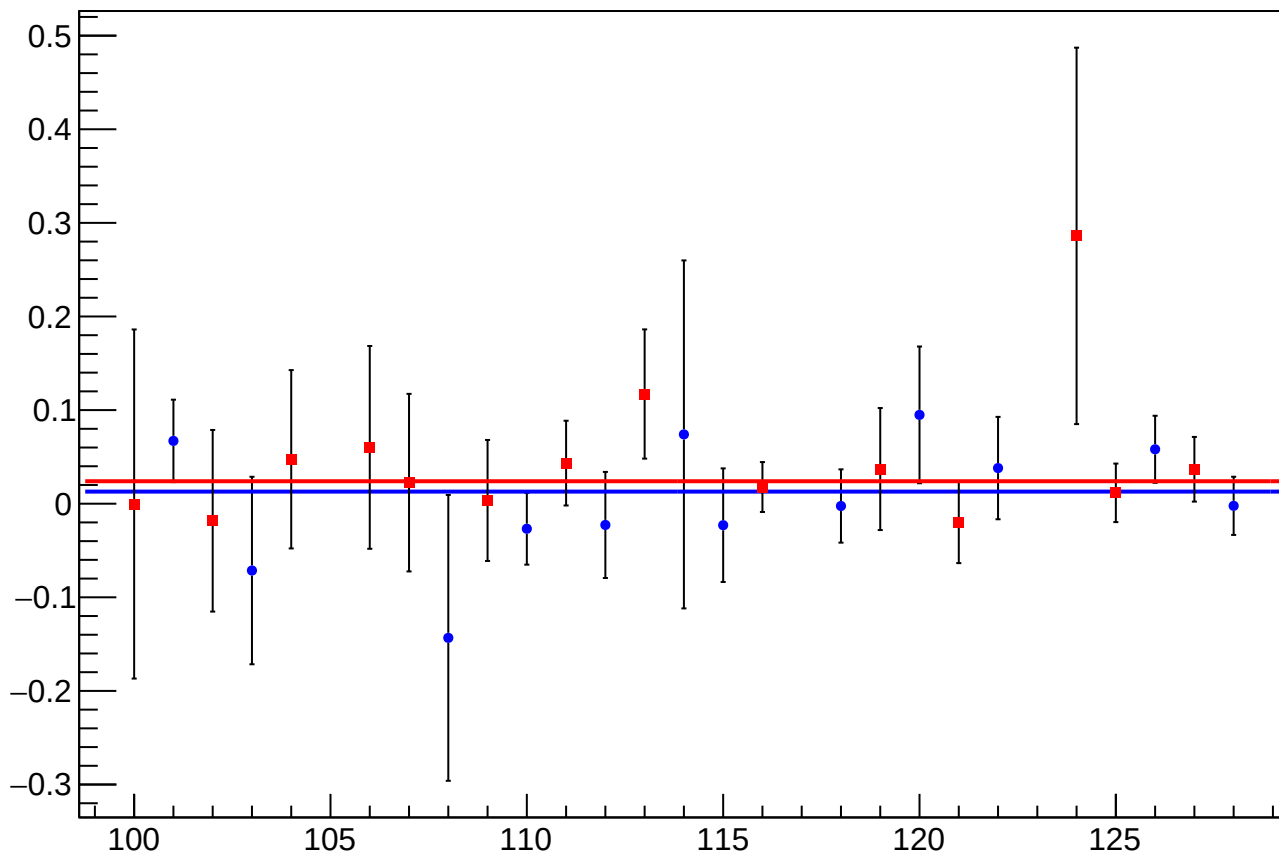
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.997 $\pm$ 0.007 χ^2 /NDF: 3798285.1/25

- 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: 0.013 $\pm$ 0.014 χ^2 /NDF: 8.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.024 $\pm$ 0.014 χ^2 /NDF: 5.6/13

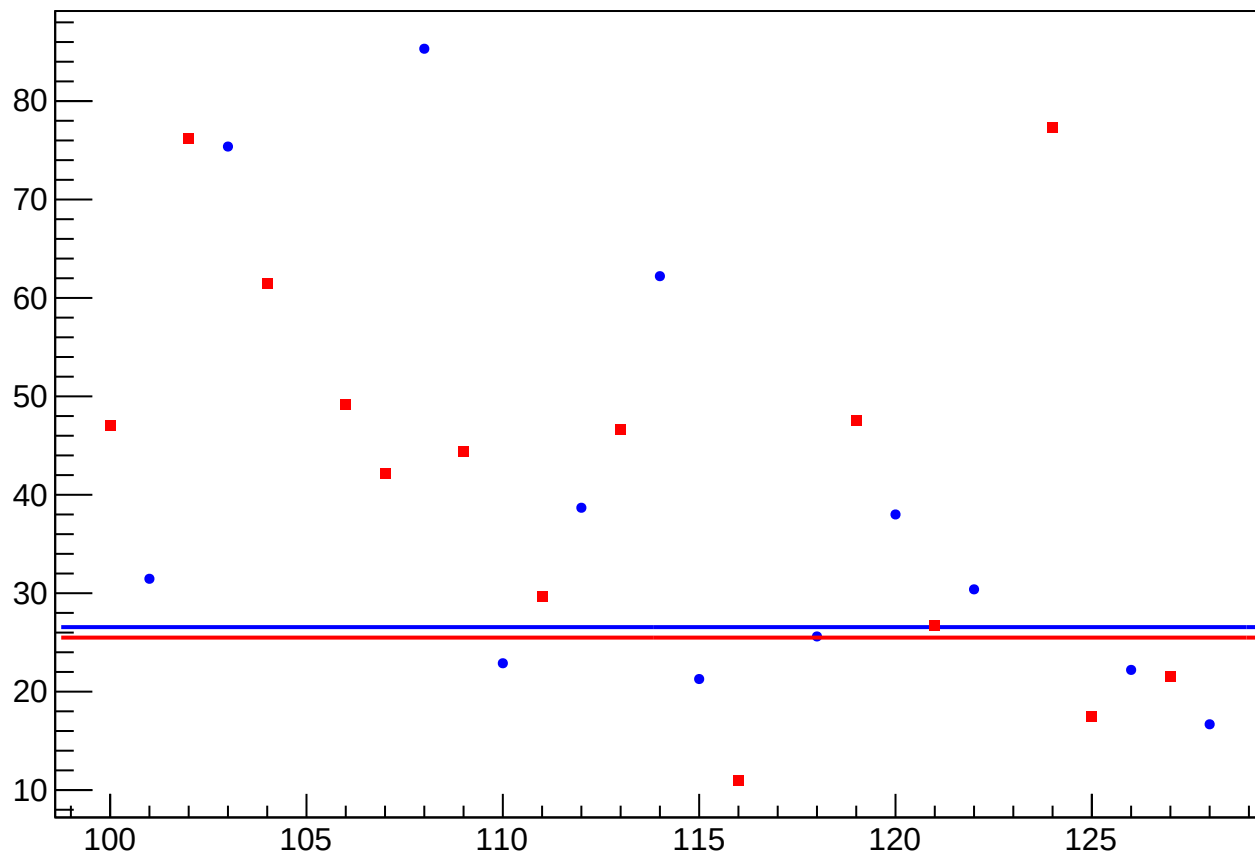
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.010 χ^2 /NDF: 14.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 26.555 $\pm$ 0.010 χ^2 /NDF: 1286564.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.490 $\pm$ 0.010 χ^2 /NDF: 2505851.7/13

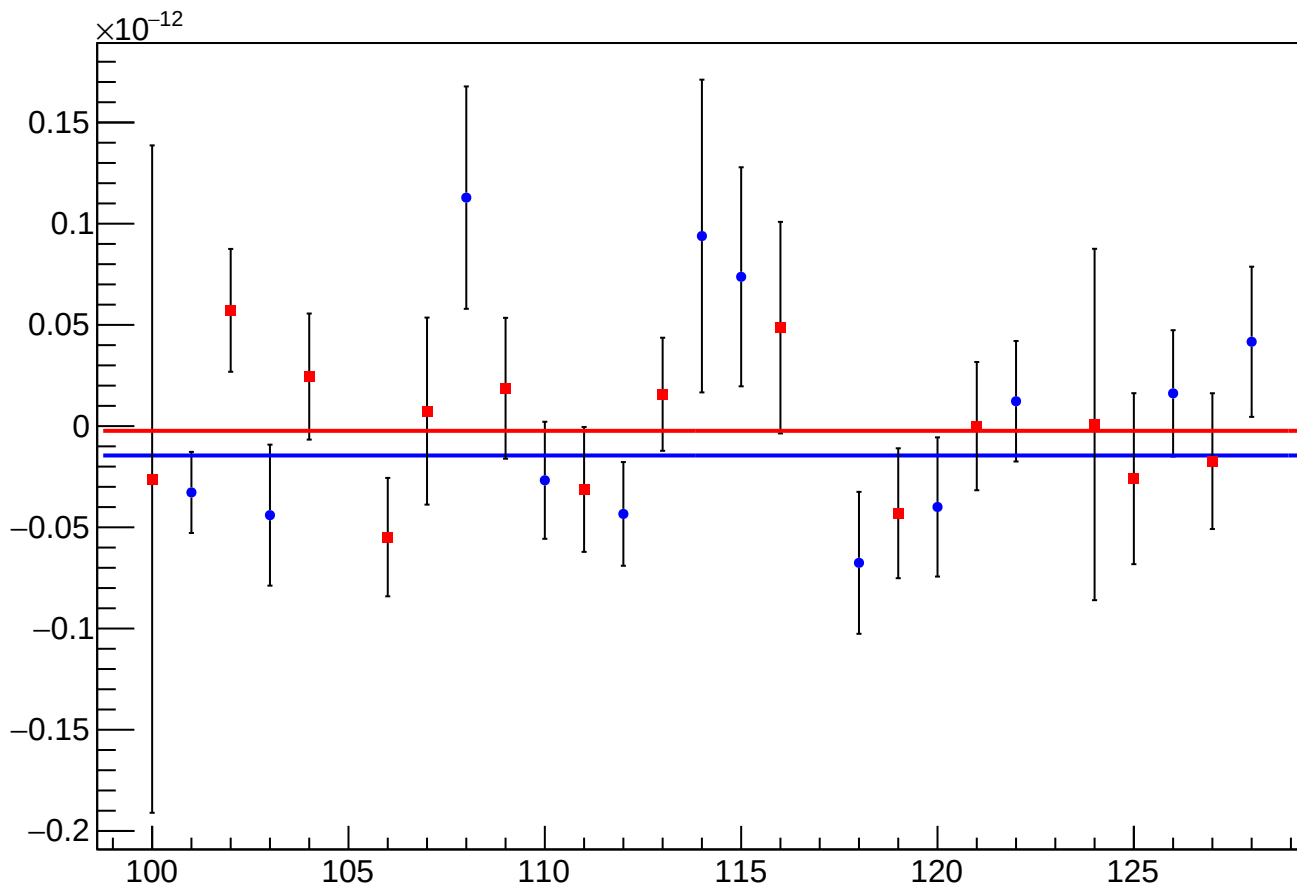
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.997 $\pm$ 0.007 χ^2 /NDF: 3798285.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 19.9/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 12.6/13

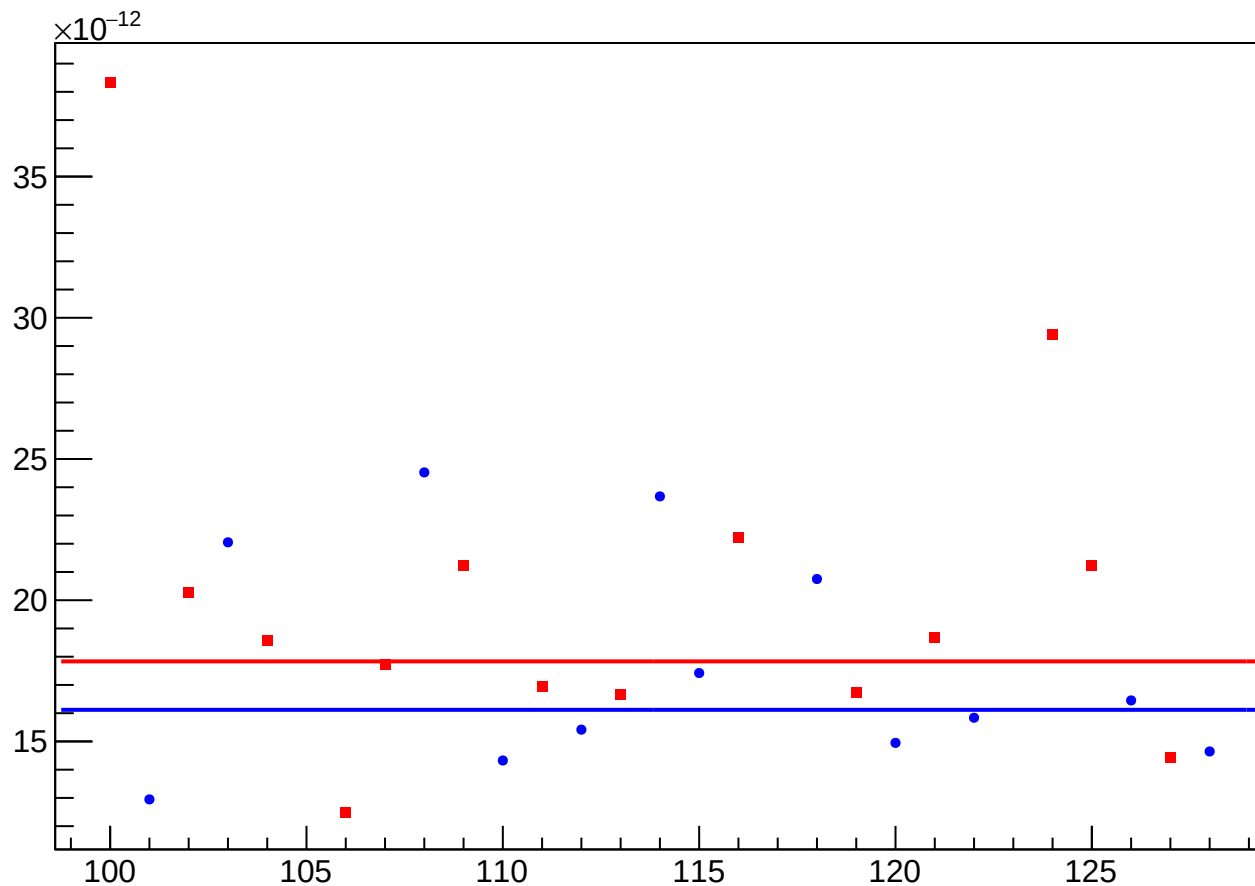
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 33.4/25

- 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 : 225280.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 222971.6/13

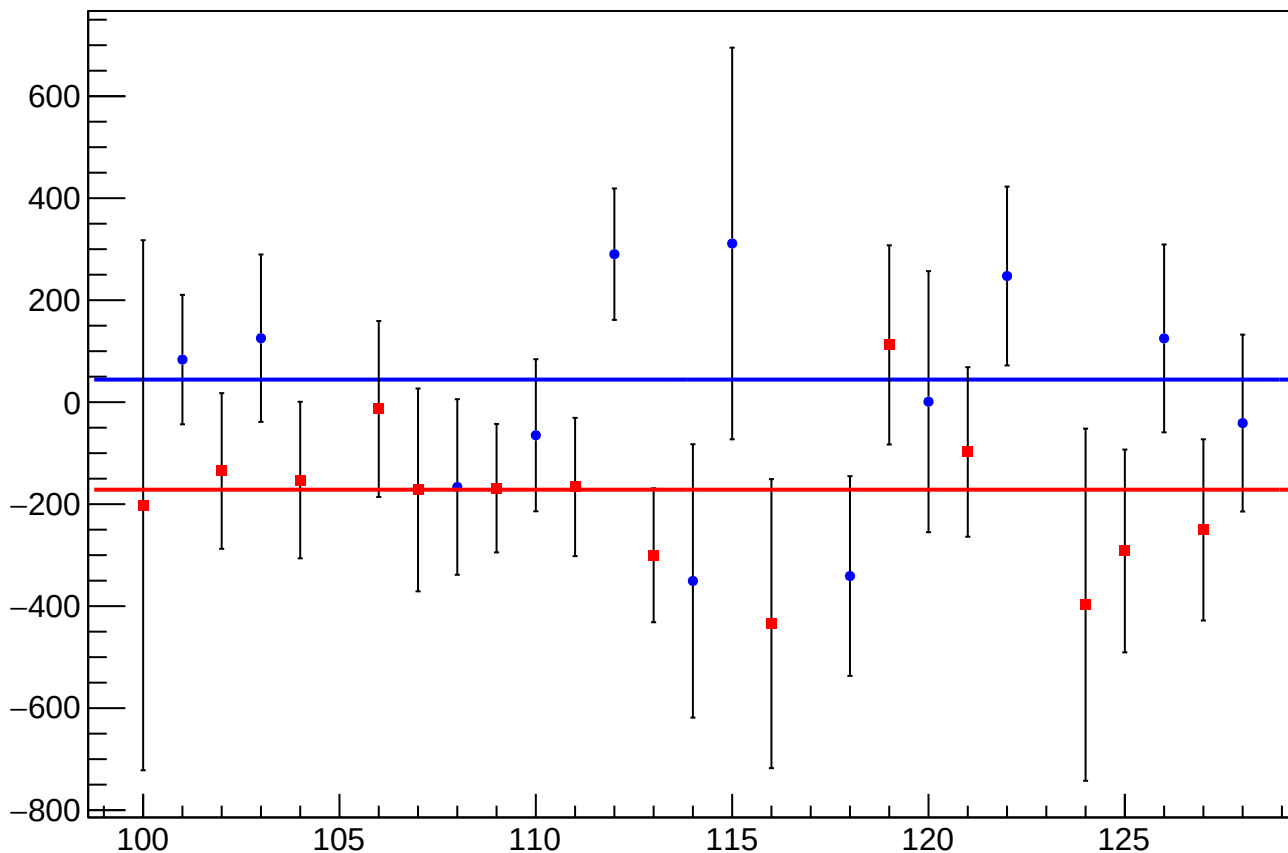
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 481005.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_mean vs Slug



Right In: 44.307+/-50.294 χ^2/NDF : 14.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -171.591+/-46.448 χ^2/NDF : 6.0/13

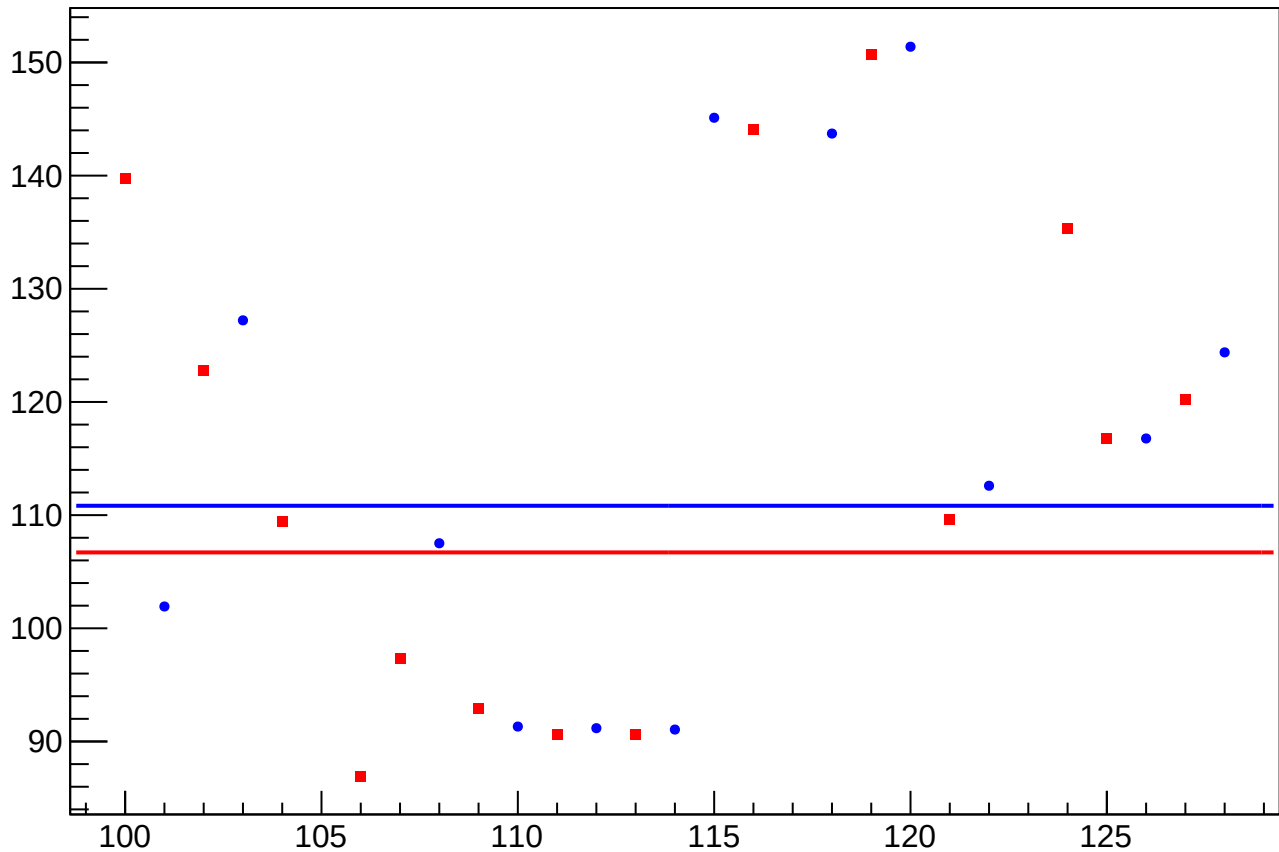
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -72.211+/-34.122 χ^2/NDF : 30.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_rms vs Slug



Right In: 110.828+/-0.036 χ^2/NDF : 259165.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.706+/-0.033 χ^2/NDF : 311264.1/13

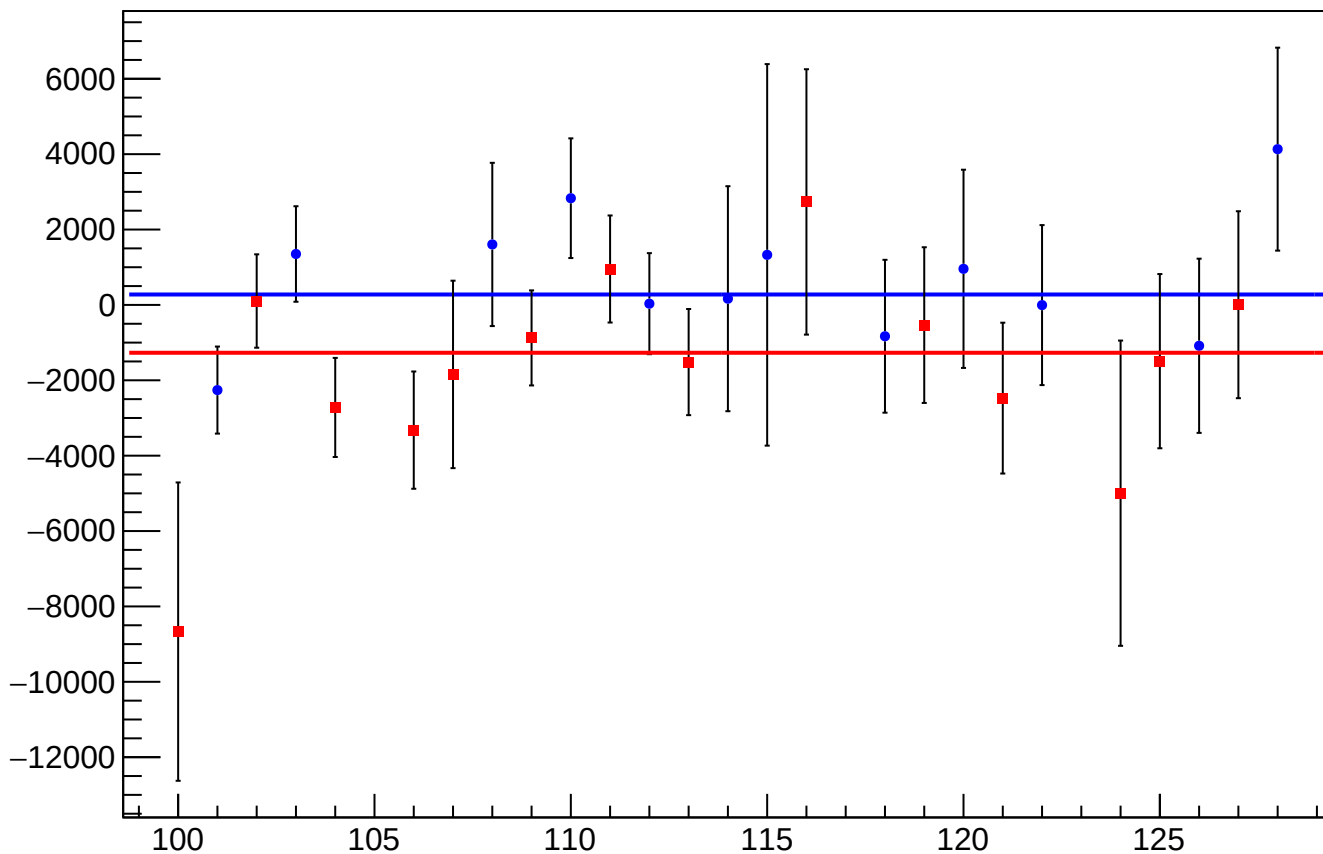
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.603+/-0.024 χ^2/NDF : 577680.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_reg_correction_mean vs Slug



Right In: 276.635 $\pm$ 525.230 χ^2 /NDF: 11.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1269.482 $\pm$ 472.804 χ^2 /NDF: 13.2/13

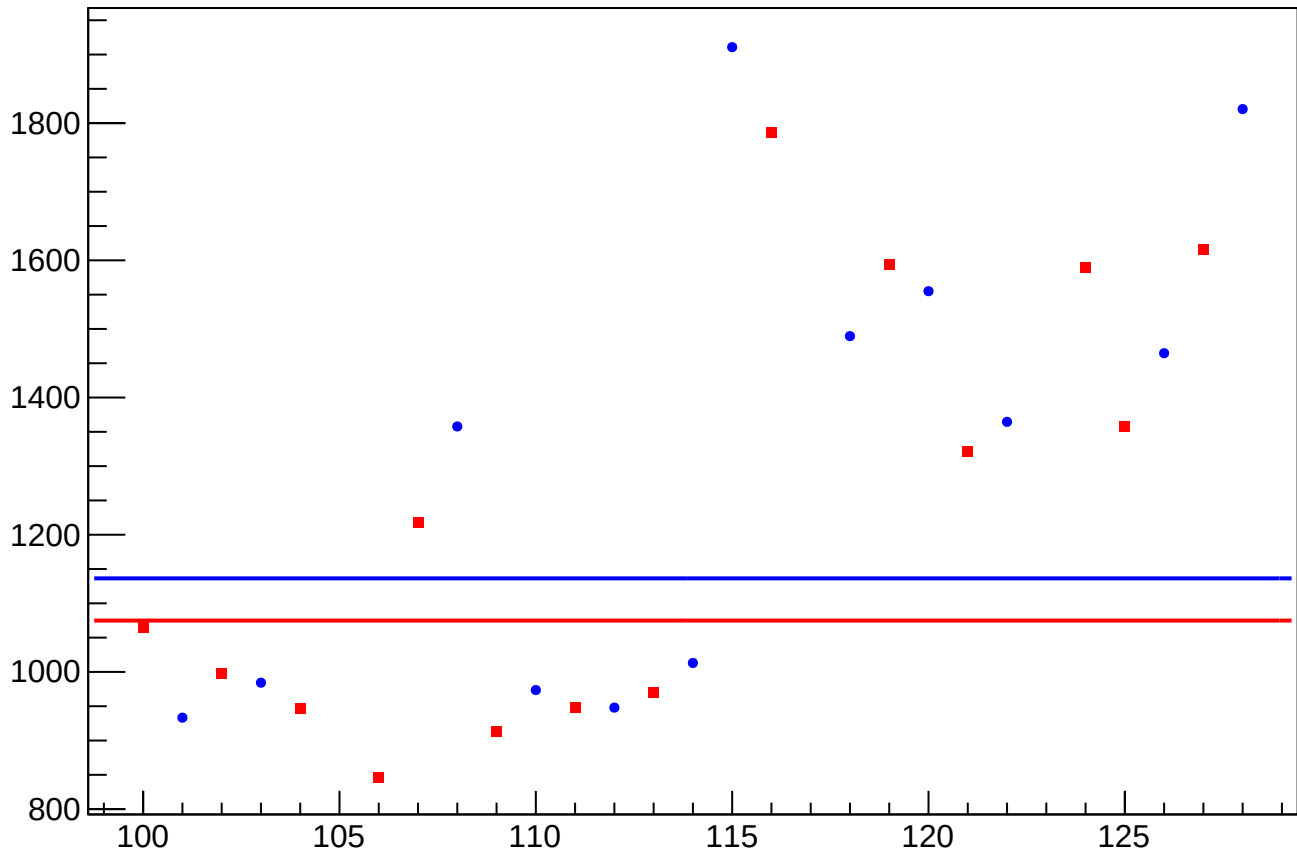
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -577.415 $\pm$ 351.400 χ^2 /NDF: 29.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_reg_correction_rms vs Slug



Right In: 1136.413 $\pm$ 0.371 χ^2 /NDF: 526189.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1074.891 $\pm$ 0.334 χ^2 /NDF: 531401.3/13

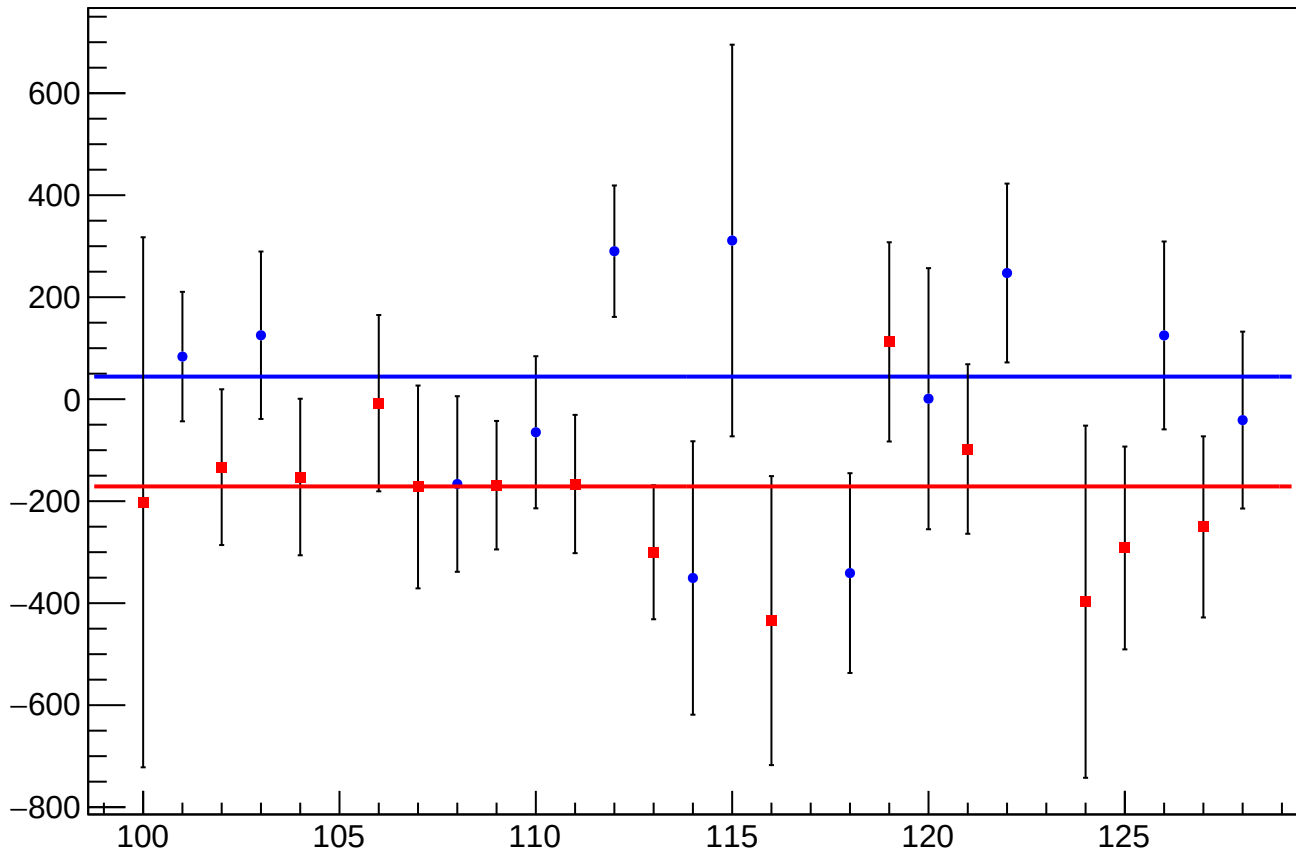
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1102.429 $\pm$ 0.248 χ^2 /NDF: 1072748.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_48_dd_mean vs Slug



Right In: 44.286+/-50.294 χ^2/NDF : 14.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -171.073+/-46.456 χ^2/NDF : 6.1/13

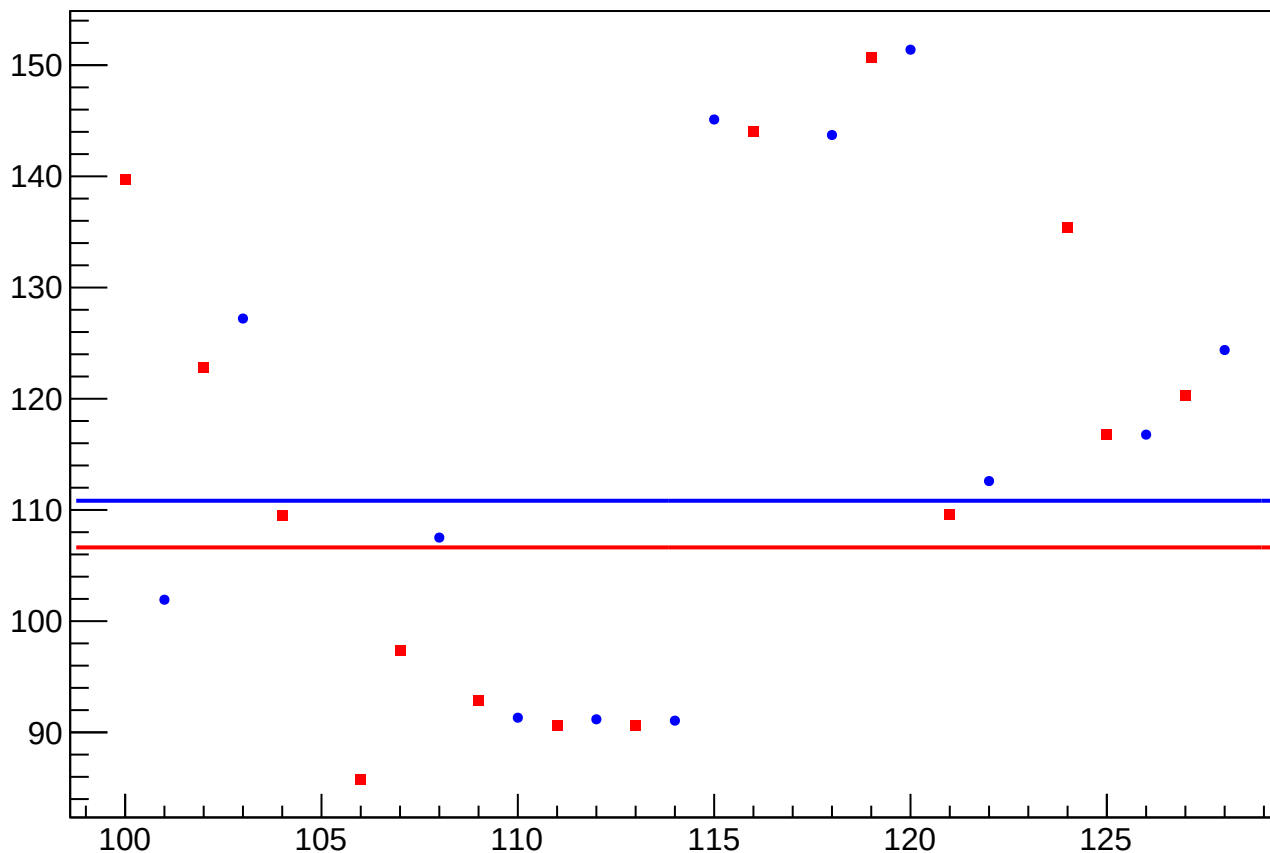
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.922+/-34.125 χ^2/NDF : 30.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_48_dd_rms vs Slug



Right In: 110.828 $\pm$ 0.036 χ^2 /NDF: 259166.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 106.632 $\pm$ 0.033 χ^2 /NDF: 314394.9/13

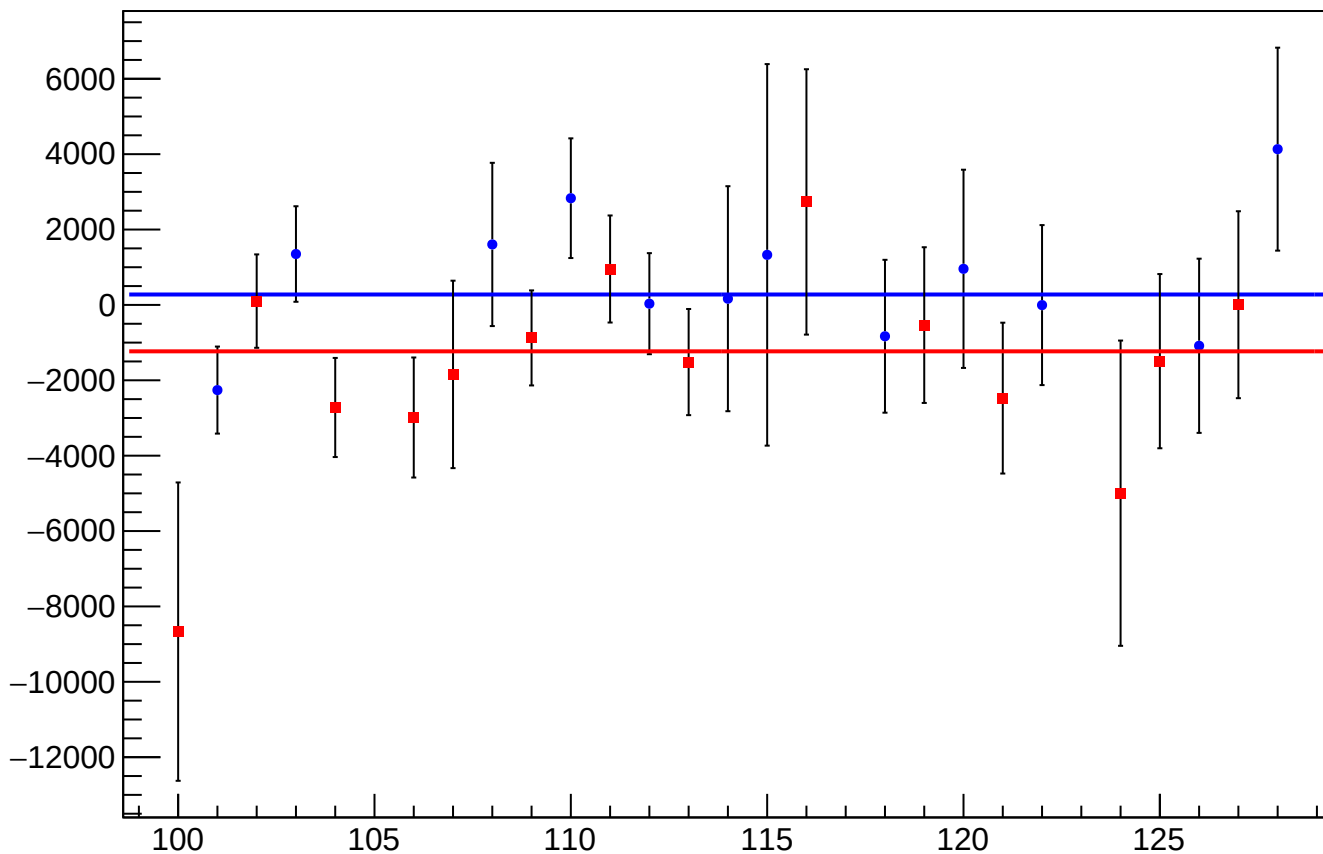
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 108.564 $\pm$ 0.024 χ^2 /NDF: 581074.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_cor_correction_mean vs Slug



Right In: 276.508 $\pm$ 525.235 χ^2 /NDF: 11.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1231.706 $\pm$ 473.831 χ^2 /NDF: 12.6/13

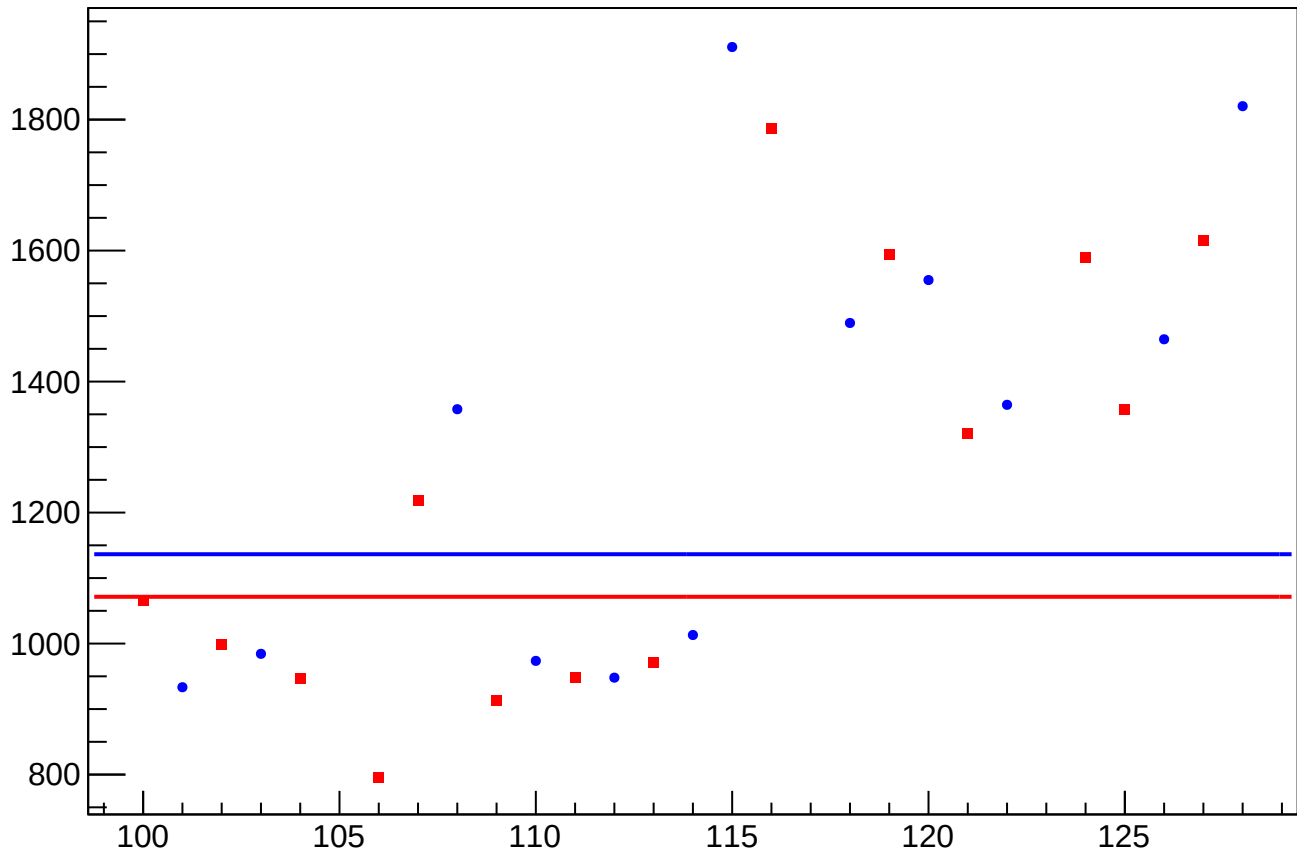
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -554.994 $\pm$ 351.823 χ^2 /NDF: 28.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_cor_correction_rms vs Slug



Right In: 1136.426 $\pm$ 0.371 χ^2 /NDF: 526162.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1071.441 $\pm$ 0.335 χ^2 /NDF: 549456.1/13

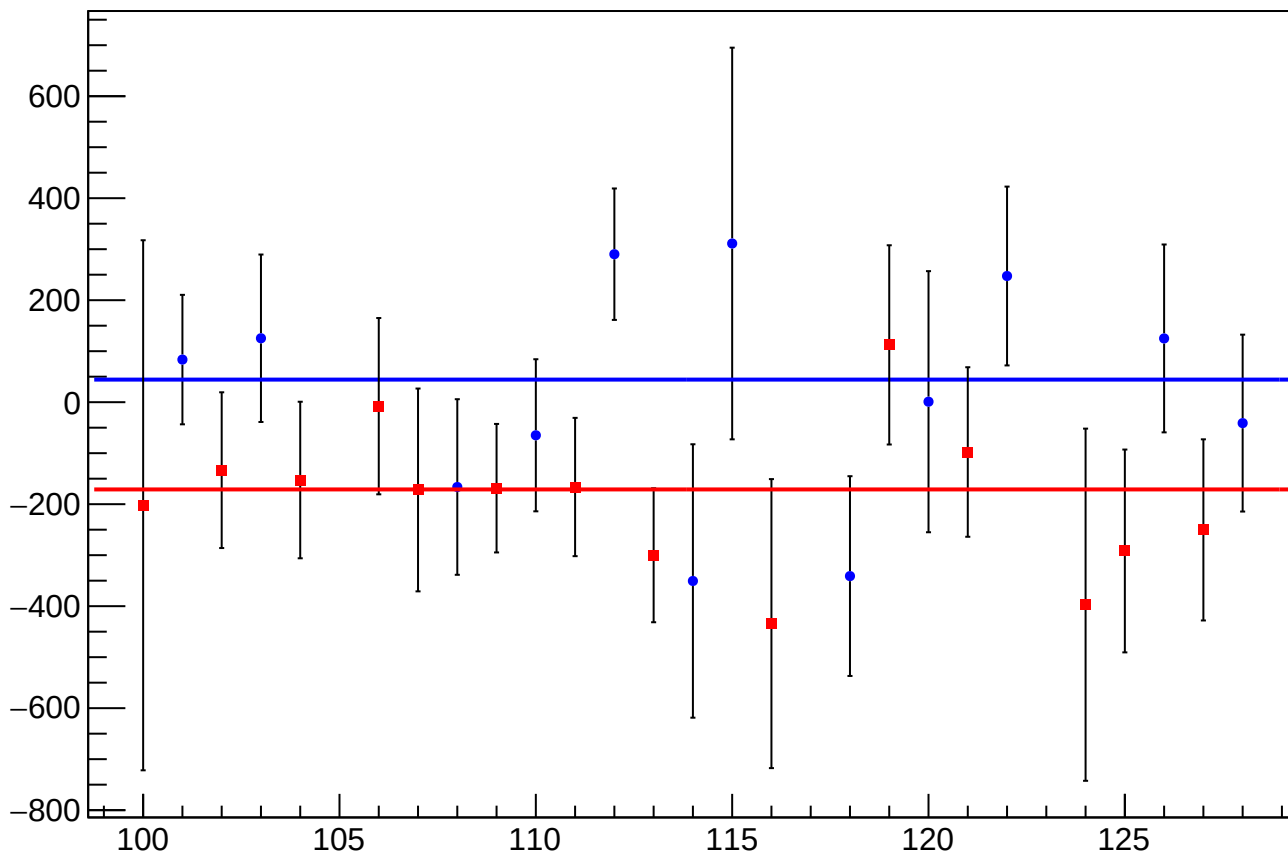
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1100.599 $\pm$ 0.249 χ^2 /NDF: 1092497.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_48_dd_mean vs Slug



Right In: 44.286+/-50.294 χ^2/NDF : 14.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -171.073+/-46.456 χ^2/NDF : 6.1/13

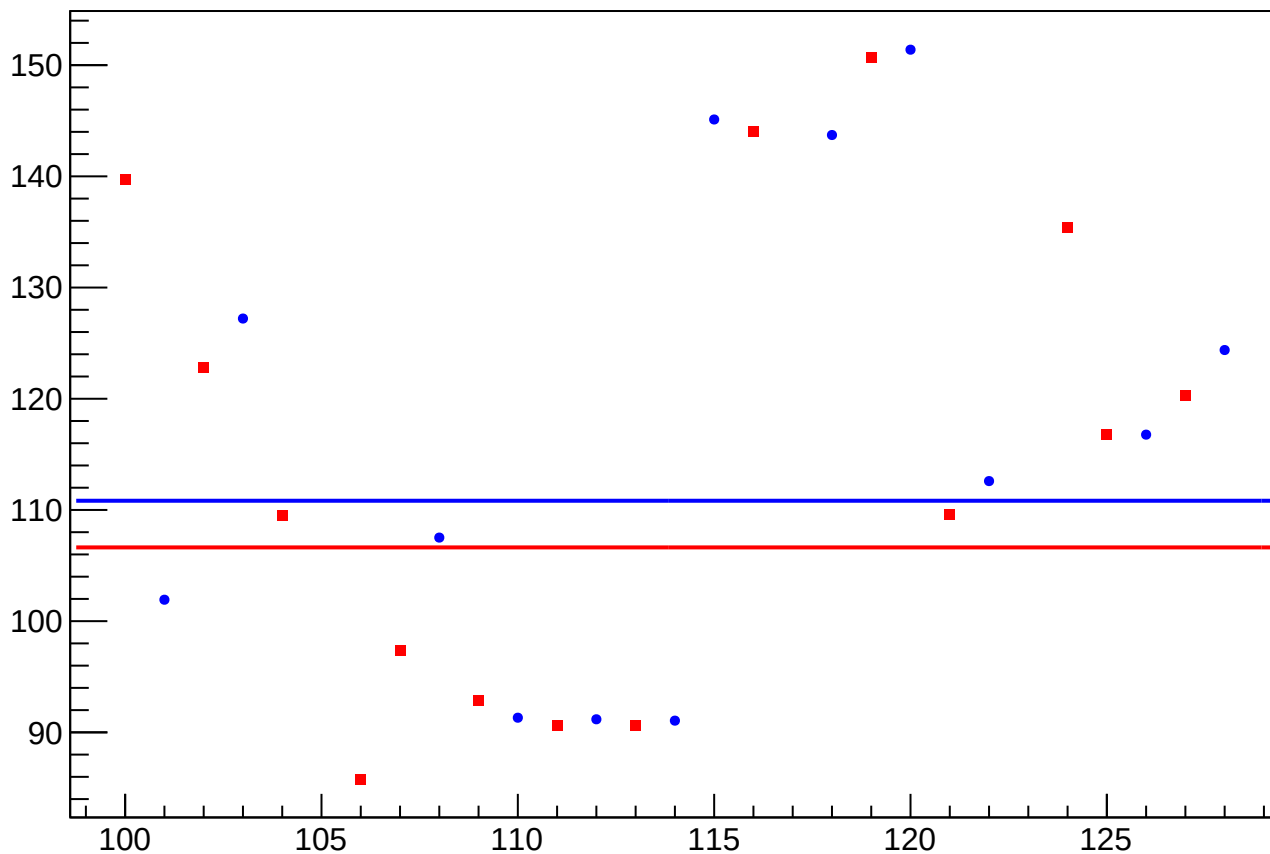
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.922+/-34.125 χ^2/NDF : 30.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_48_dd_rms vs Slug



Right In: 110.828 ± 0.036 χ^2/NDF : 259166.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 106.632 ± 0.033 χ^2/NDF : 314394.9/13

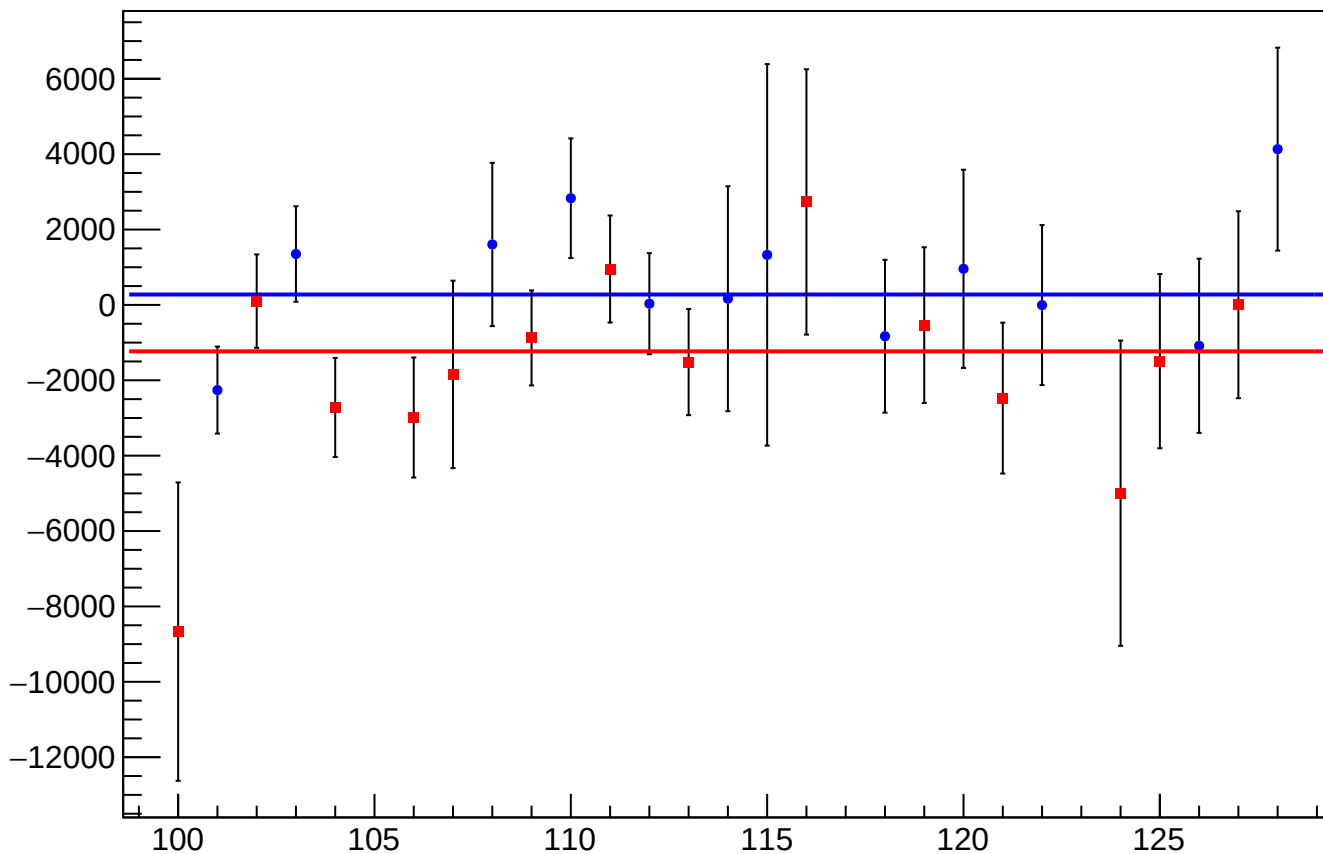
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 108.564 ± 0.024 χ^2/NDF : 581074.3/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_eigen_cor_correction_mean vs Slug



Right In: 276.508+/-525.235 χ^2/NDF : 11.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1231.706+/-473.831 χ^2/NDF : 12.6/13

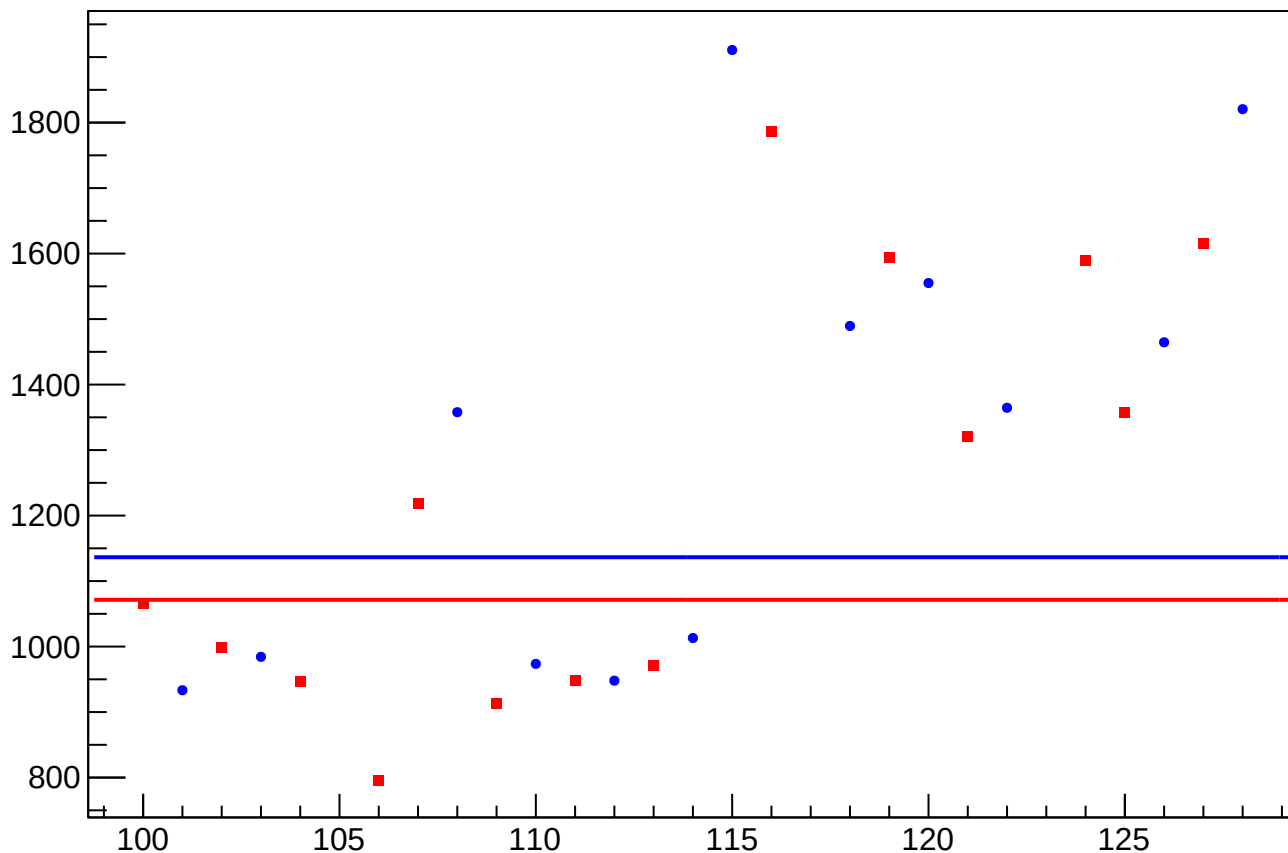
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -554.994+/-351.823 χ^2/NDF : 28.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_eigen_cor_correction_rms vs Slug



Right In: 1136.426+/-0.371 χ^2/NDF : 526162.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

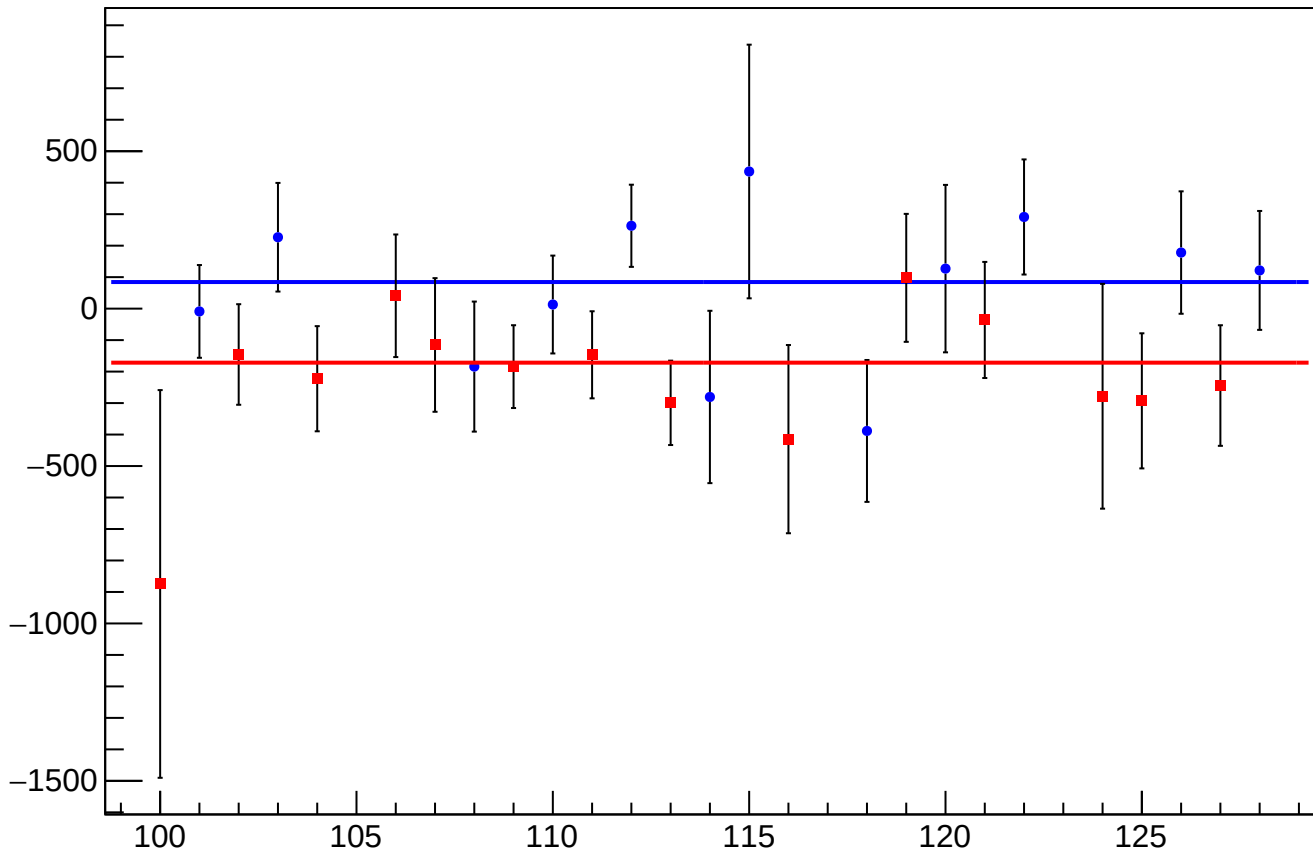
Right Out: 1071.441+/-0.335 χ^2/NDF : 549456.1/13

All: 1100.599+/-0.249 χ^2/NDF : 1092497.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_dd_mean vs Slug



Right In: 84.452 $\pm$ 54.155 χ^2 /NDF: 13.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -171.642 $\pm$ 49.165 χ^2 /NDF: 7.1/13

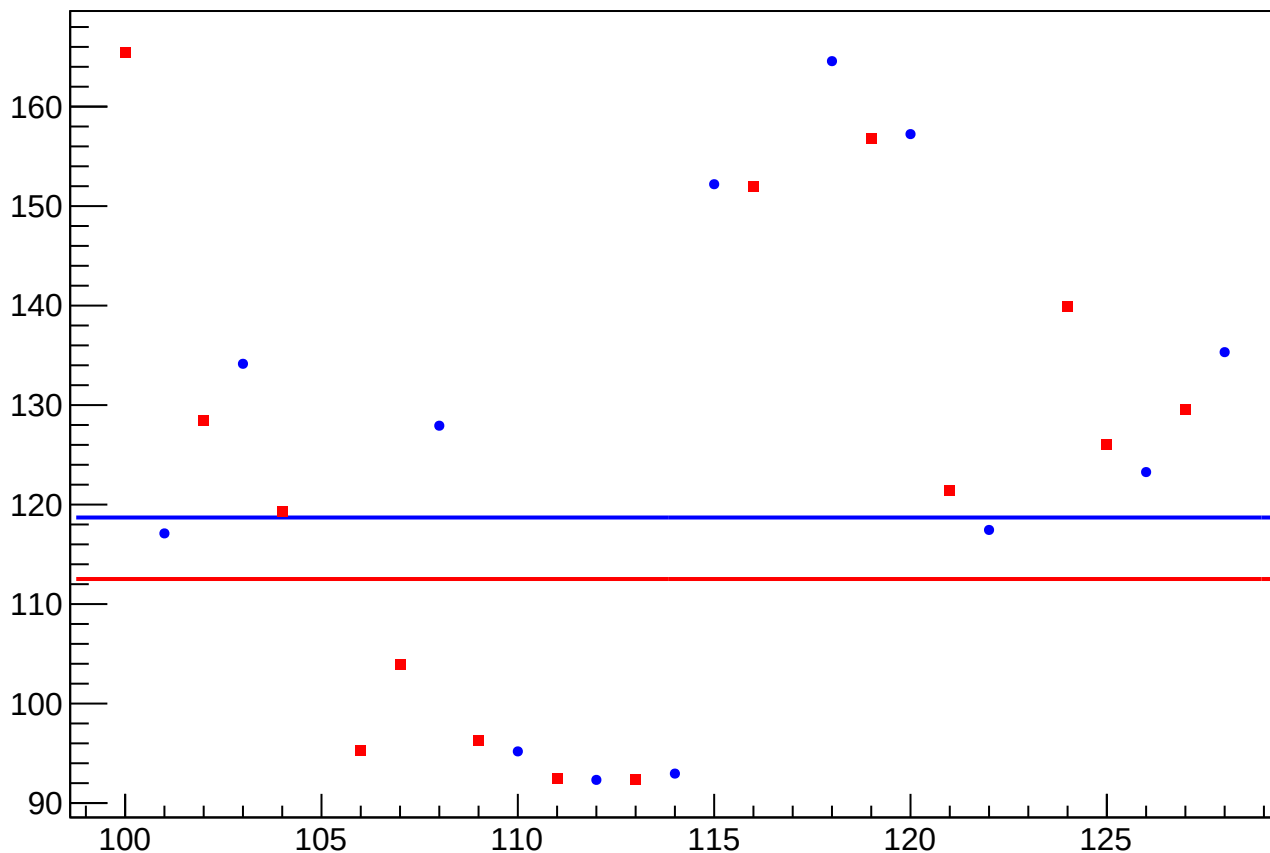
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -55.933 $\pm$ 36.402 χ^2 /NDF: 32.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_48_dd_rms vs Slug



Right In: 118.701+/-0.038 χ^2/NDF : 320732.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.519+/-0.035 χ^2/NDF : 344688.2/13

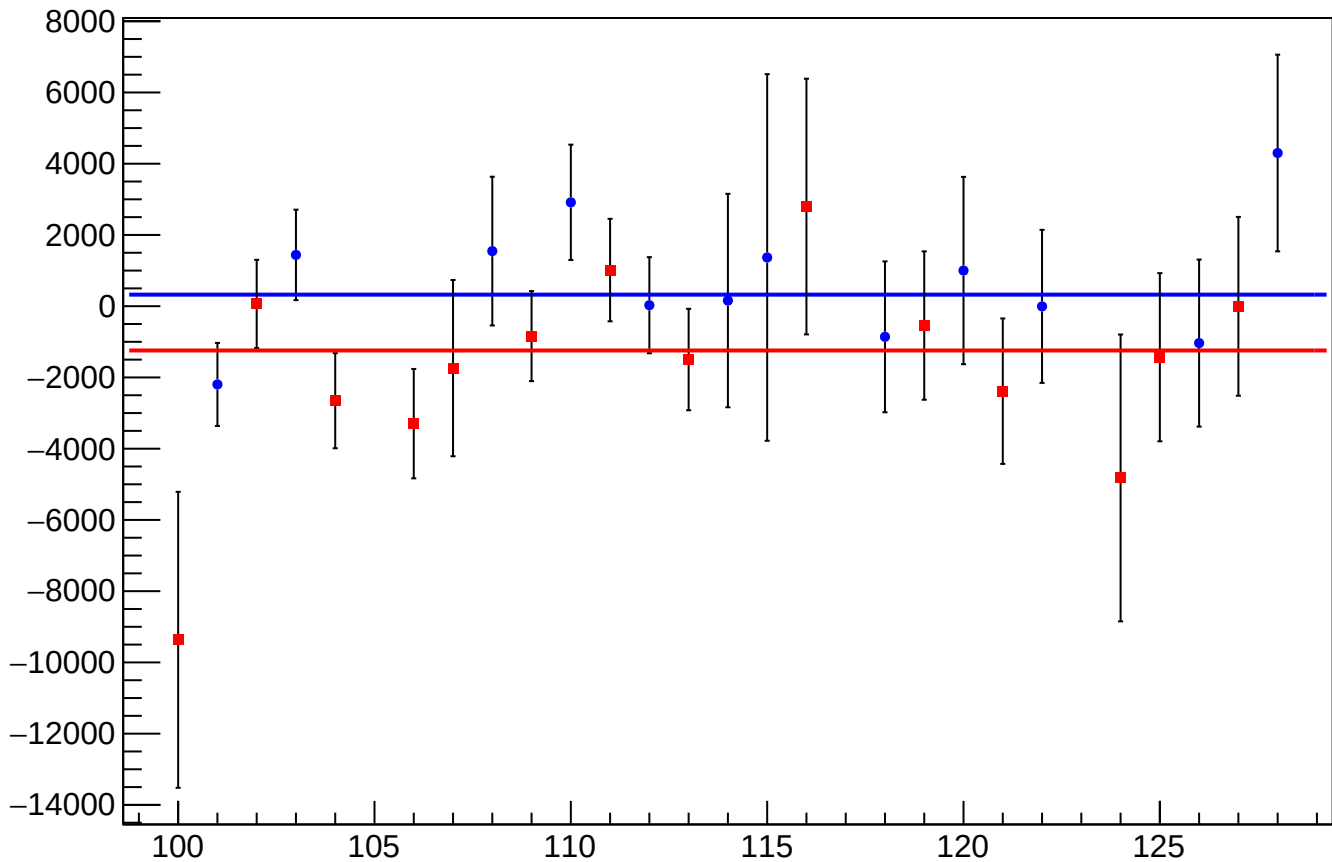
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.312+/-0.026 χ^2/NDF : 679708.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_dit_correction_mean vs Slug



Right In: 324.259+/-529.837 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1243.198+/-476.162 χ^2/NDF : 13.2/13

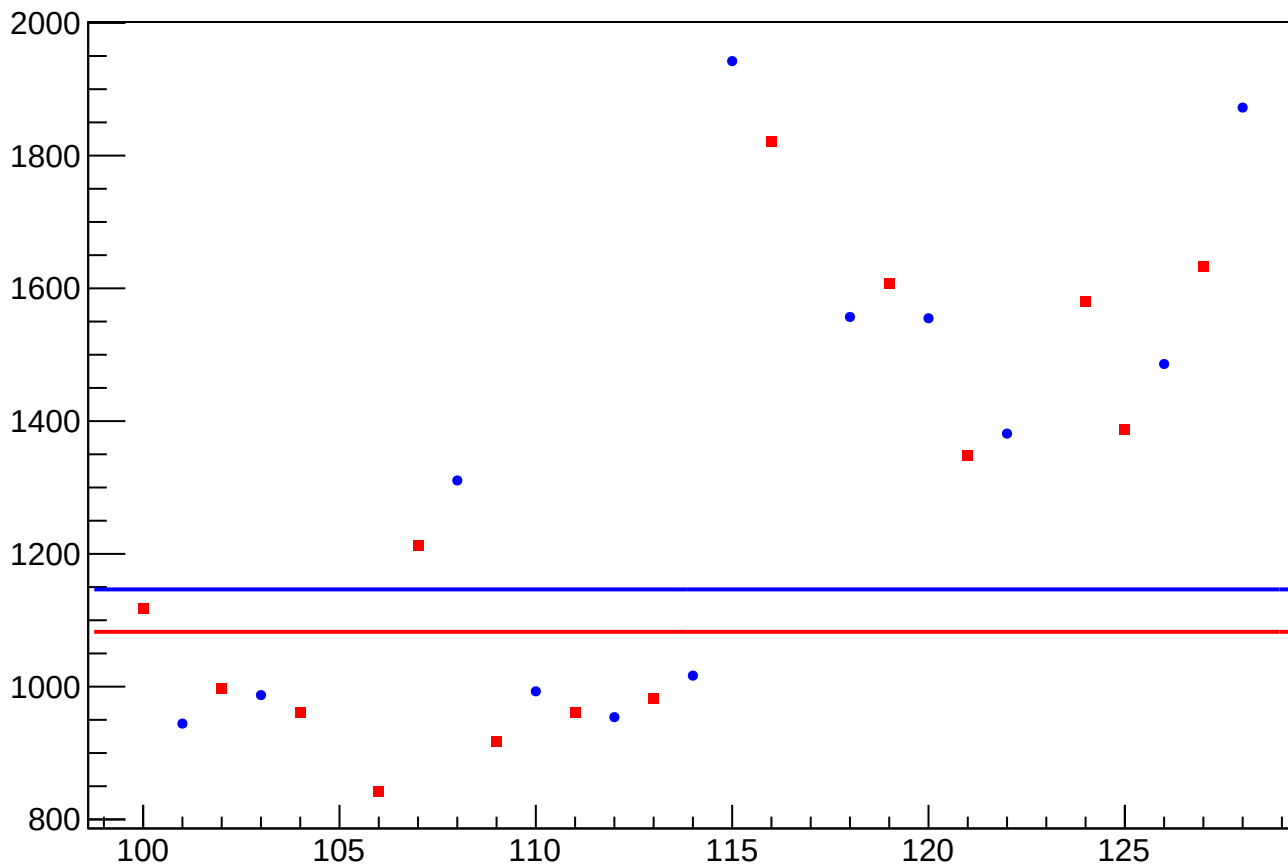
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -542.863+/-354.158 χ^2/NDF : 29.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_dit_correction_rms vs Slug



Right In: 1146.501+/-0.375 χ^2/NDF : 541623.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

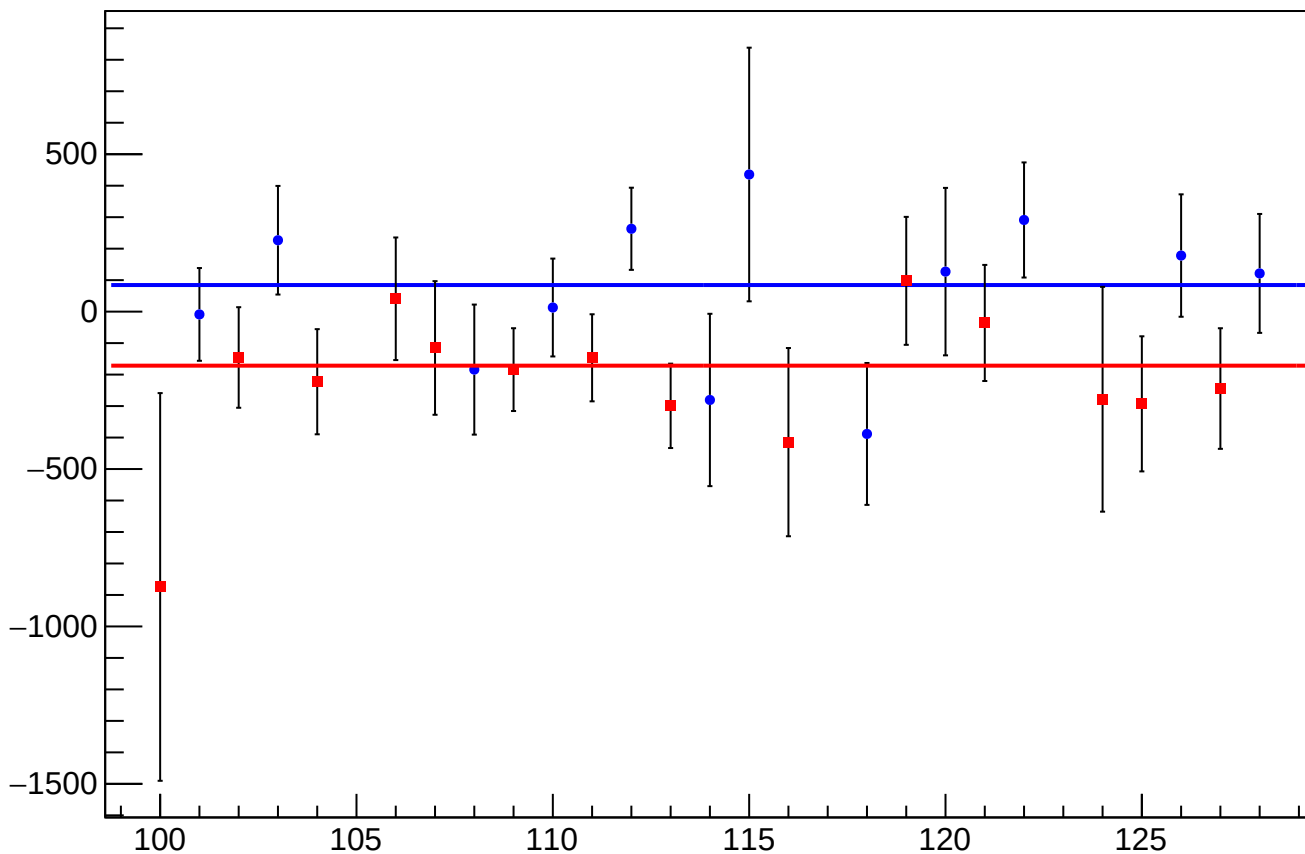
Right Out: 1082.616+/-0.337 χ^2/NDF : 544603.5/13

All: 1111.160+/-0.250 χ^2/NDF : 1102311.9/25

- 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: 84.452+/-54.155 χ^2/NDF : 13.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -171.642+/-49.165 χ^2/NDF : 7.1/13

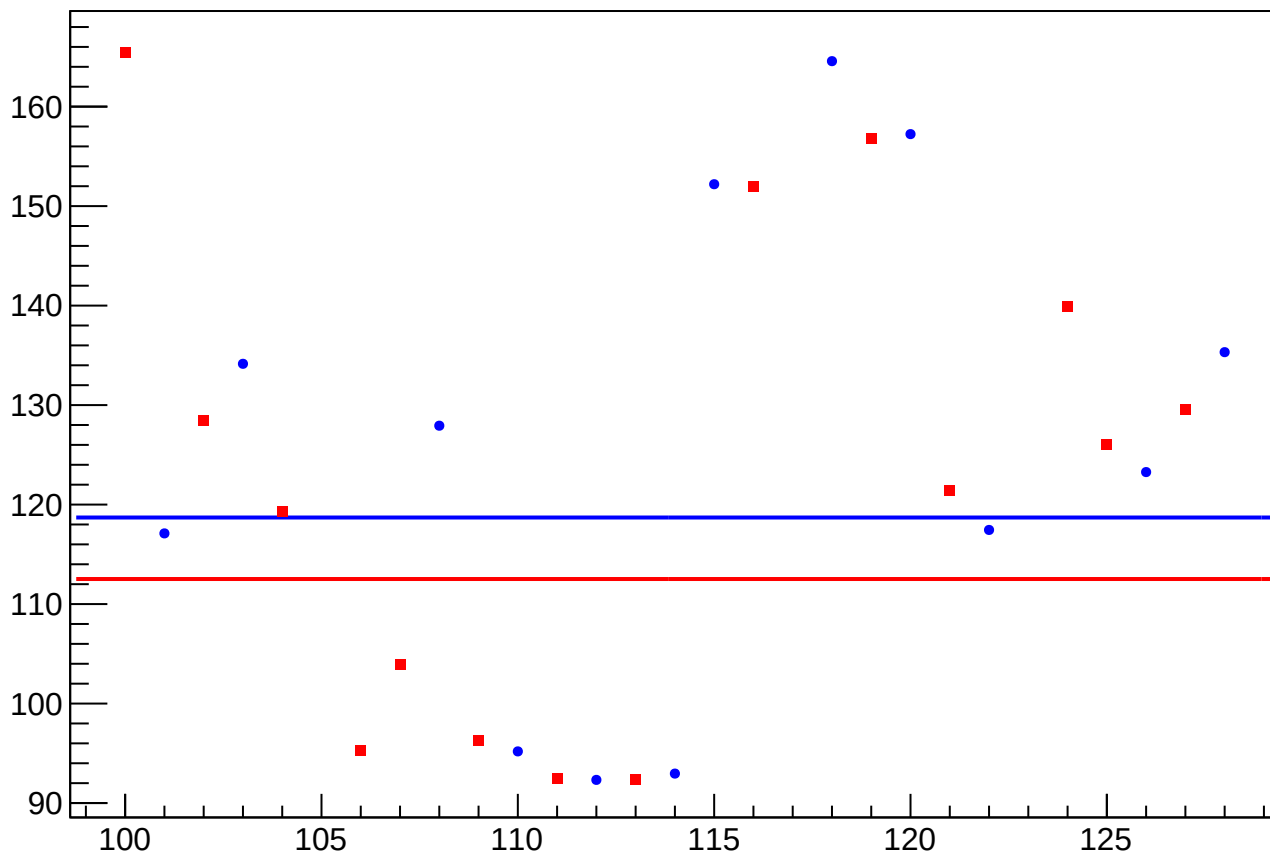
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.933+/-36.401 χ^2/NDF : 32.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_48_dd_rms vs Slug



Right In: 118.701 $\pm$ 0.038 χ^2 /NDF: 320736.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 112.519 $\pm$ 0.035 χ^2 /NDF: 344688.7/13

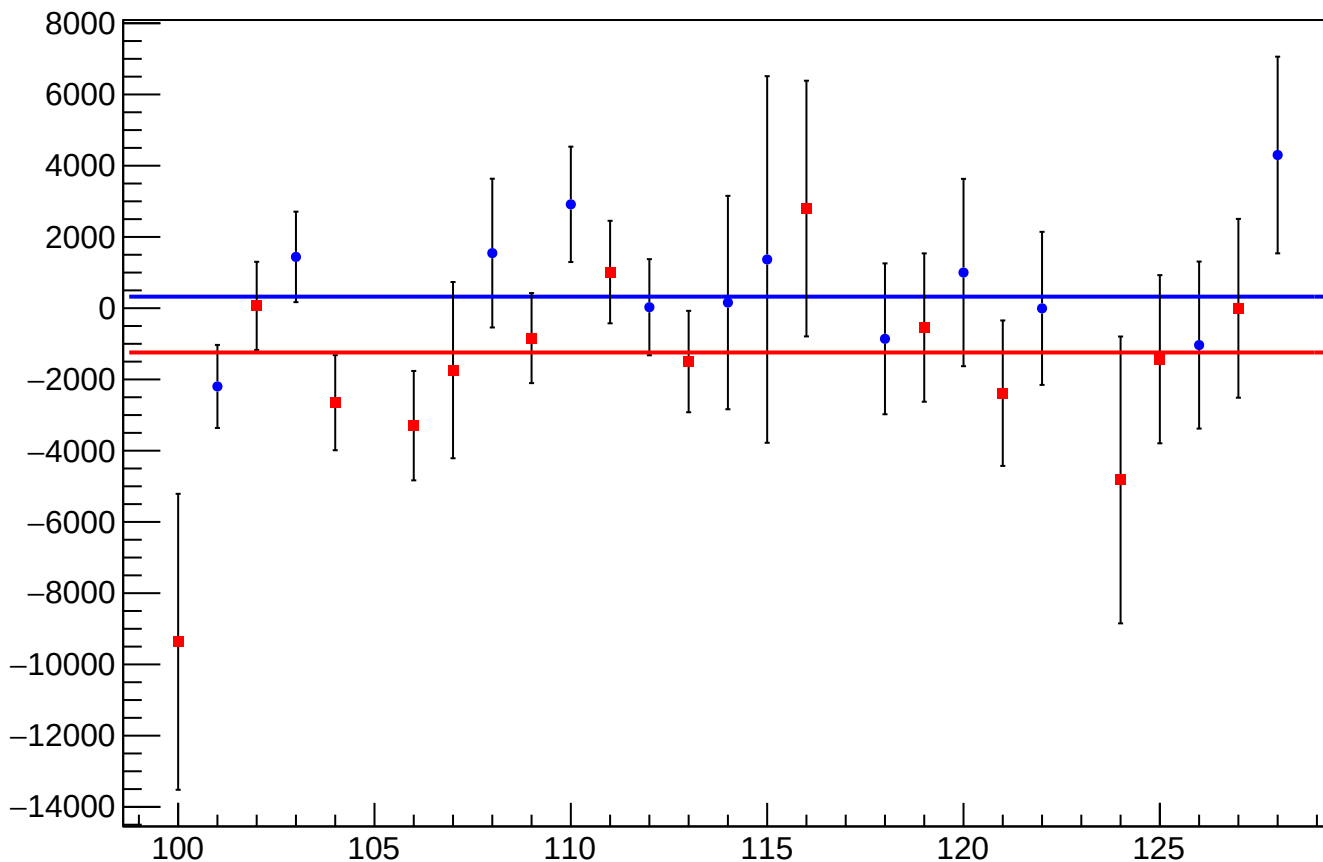
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 115.312 $\pm$ 0.026 χ^2 /NDF: 679712.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_dit_correction_mean vs Slug



Right In: 324.259+/-529.837 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1243.198+/-476.162 χ^2/NDF : 13.2/13

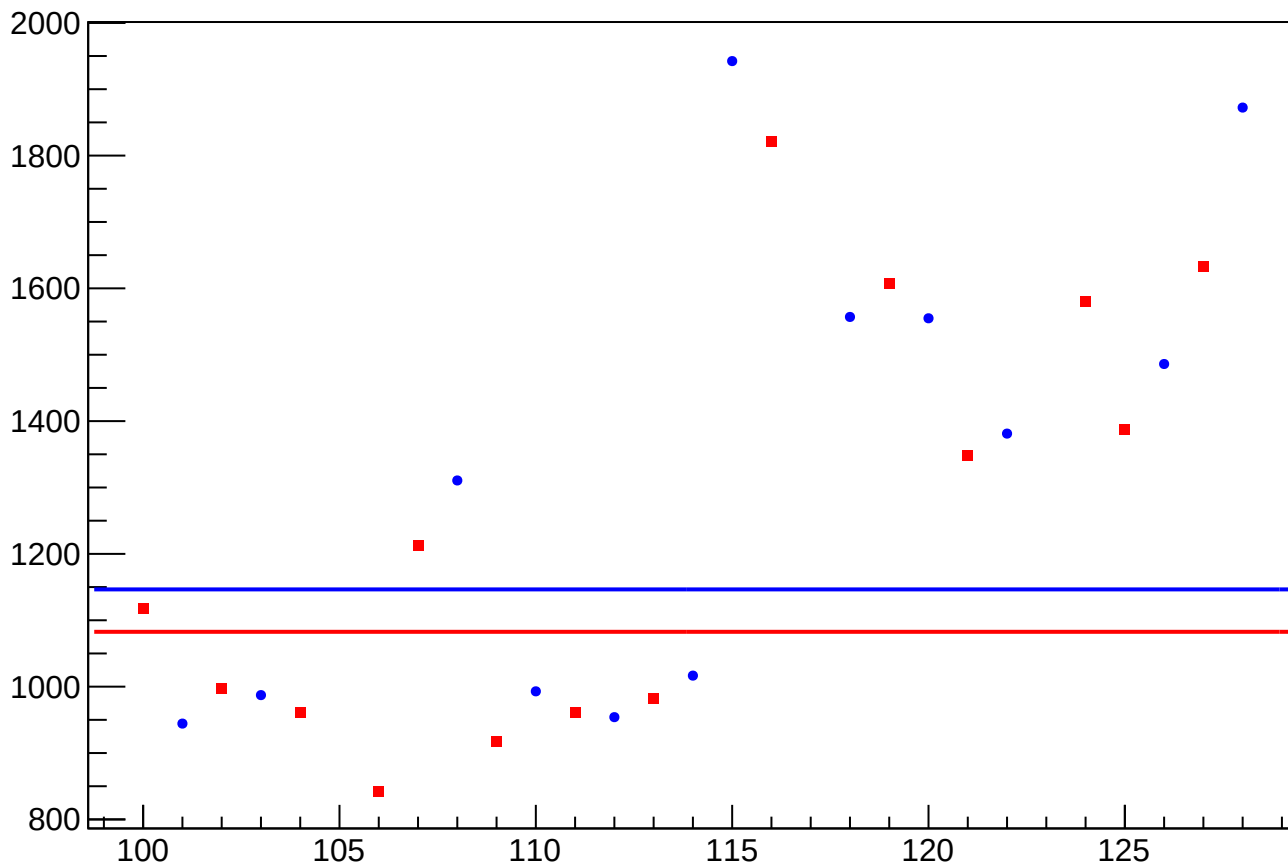
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -542.862+/-354.158 χ^2/NDF : 29.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_eigen_dit_correction_rms vs Slug



Right In: 1146.501 $\pm$ 0.375 χ^2 /NDF: 541623.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

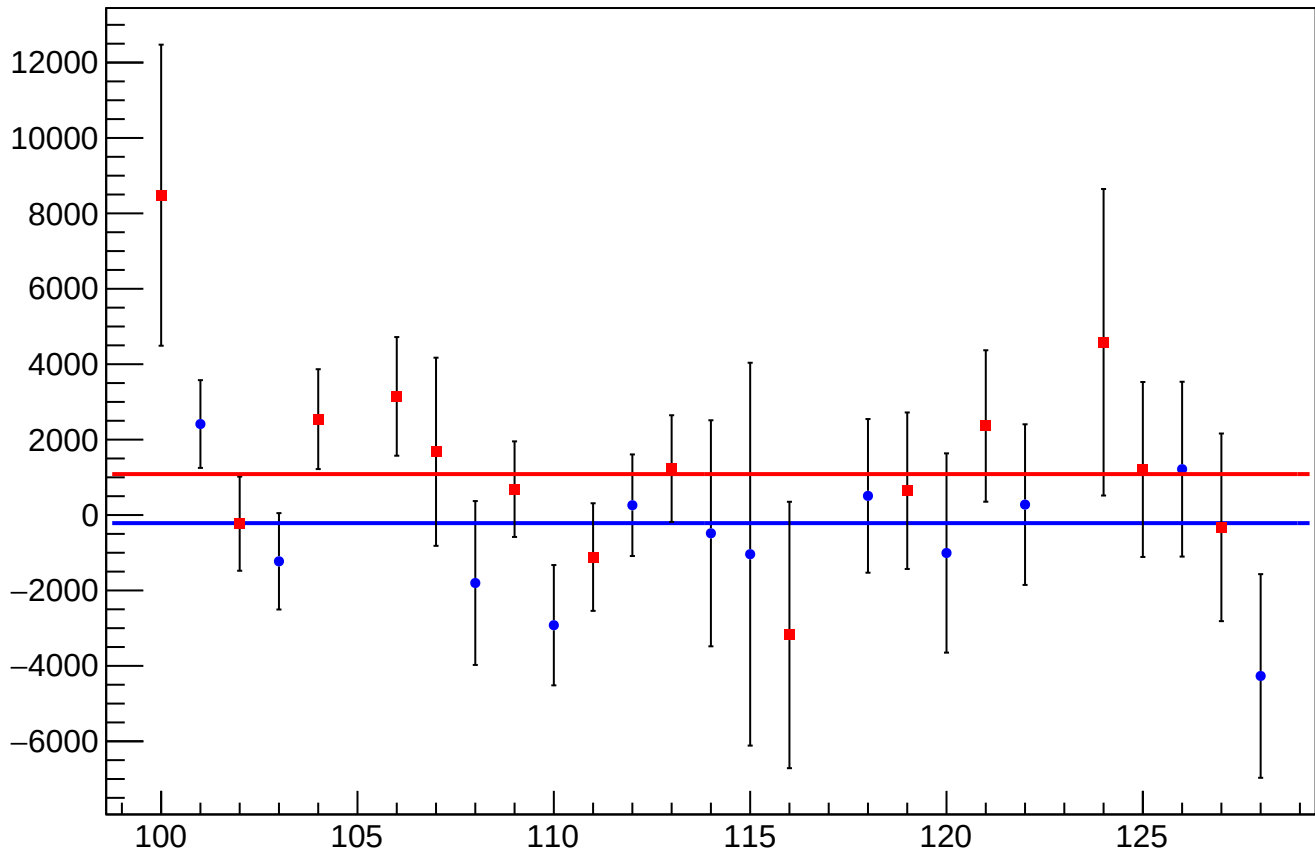
Right Out: 1082.616 $\pm$ 0.337 χ^2 /NDF: 544604.0/13

All: 1111.160 $\pm$ 0.250 χ^2 /NDF: 1102313.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_mean vs Slug



Right In: -214.438+/-528.169 χ^2/NDF : 12.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1085.988+/-475.598 χ^2/NDF : 13.0/13

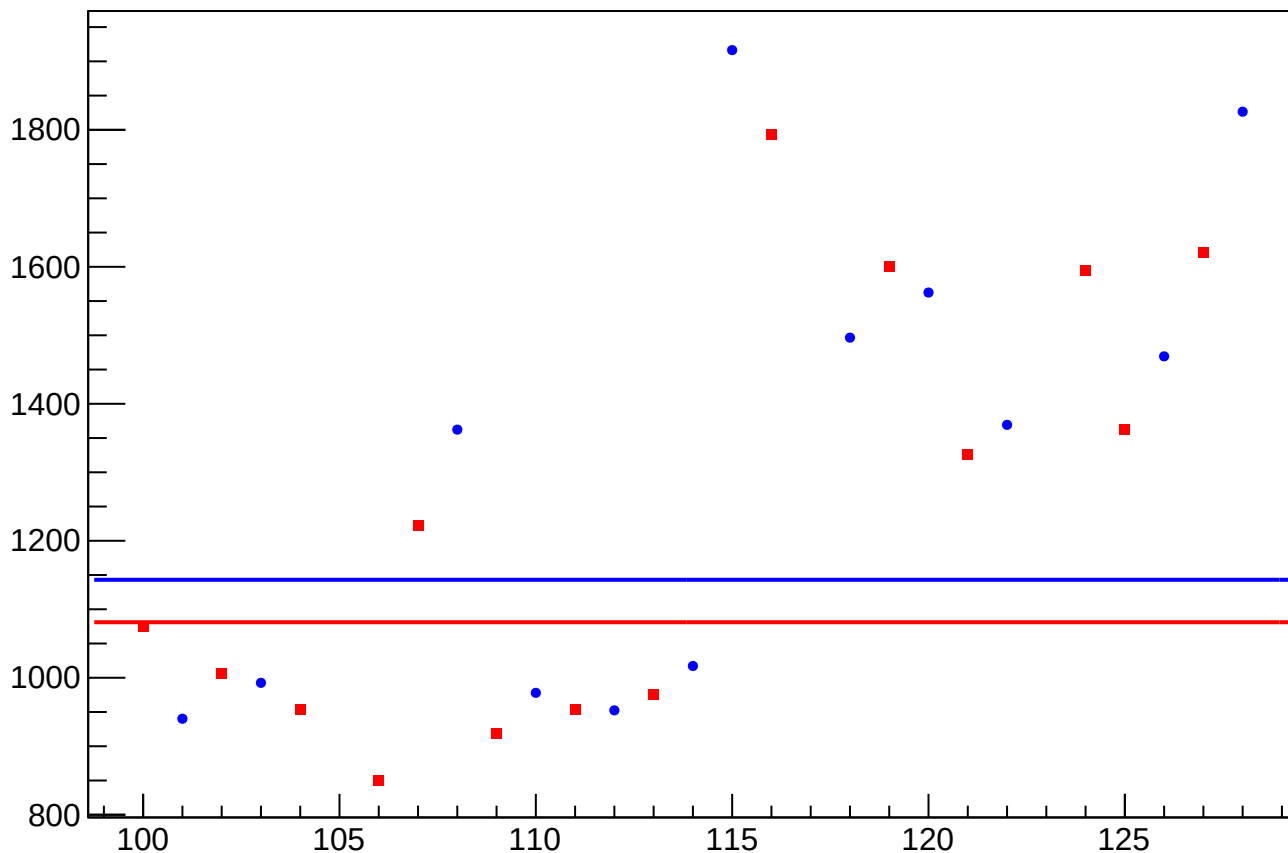
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 503.696+/-353.427 χ^2/NDF : 28.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_rms vs Slug



Right In: 1143.061+/-0.373 χ^2/NDF : 521165.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

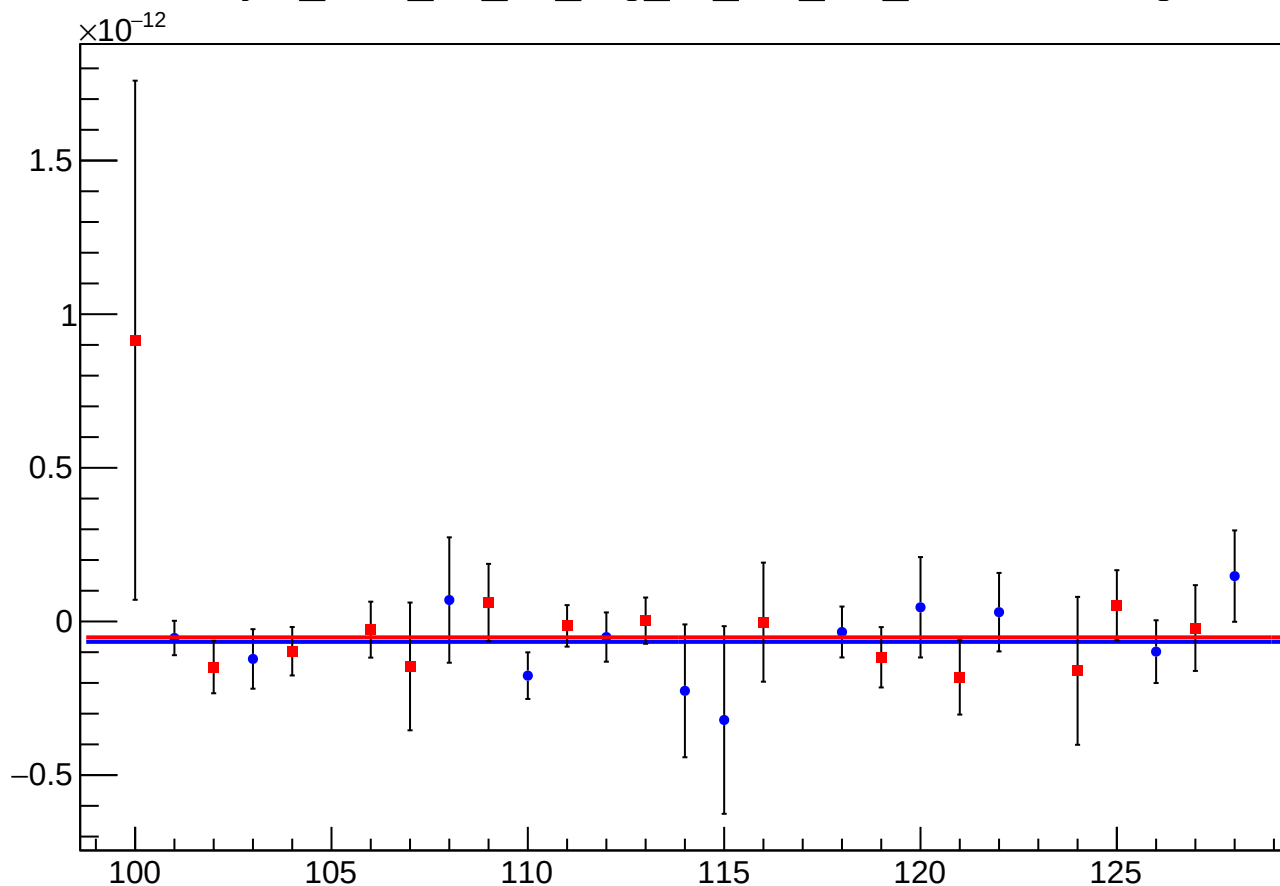
Right Out: 1081.089+/-0.336 χ^2/NDF : 527495.8/13

All: 1108.838+/-0.250 χ^2/NDF : 1063866.3/25

- 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_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 7.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 7.6/13

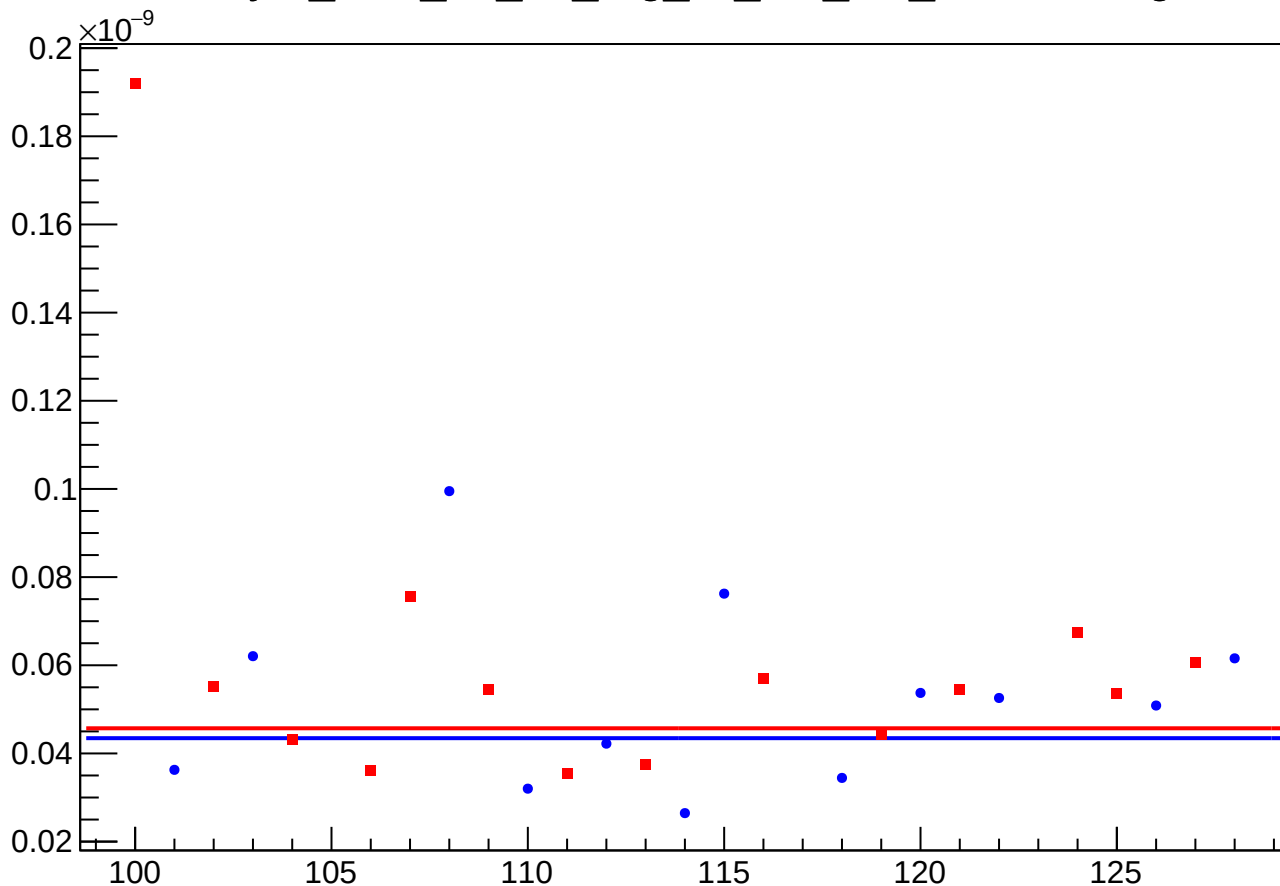
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 15.3/25

- 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: 421098.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 296455.1/13

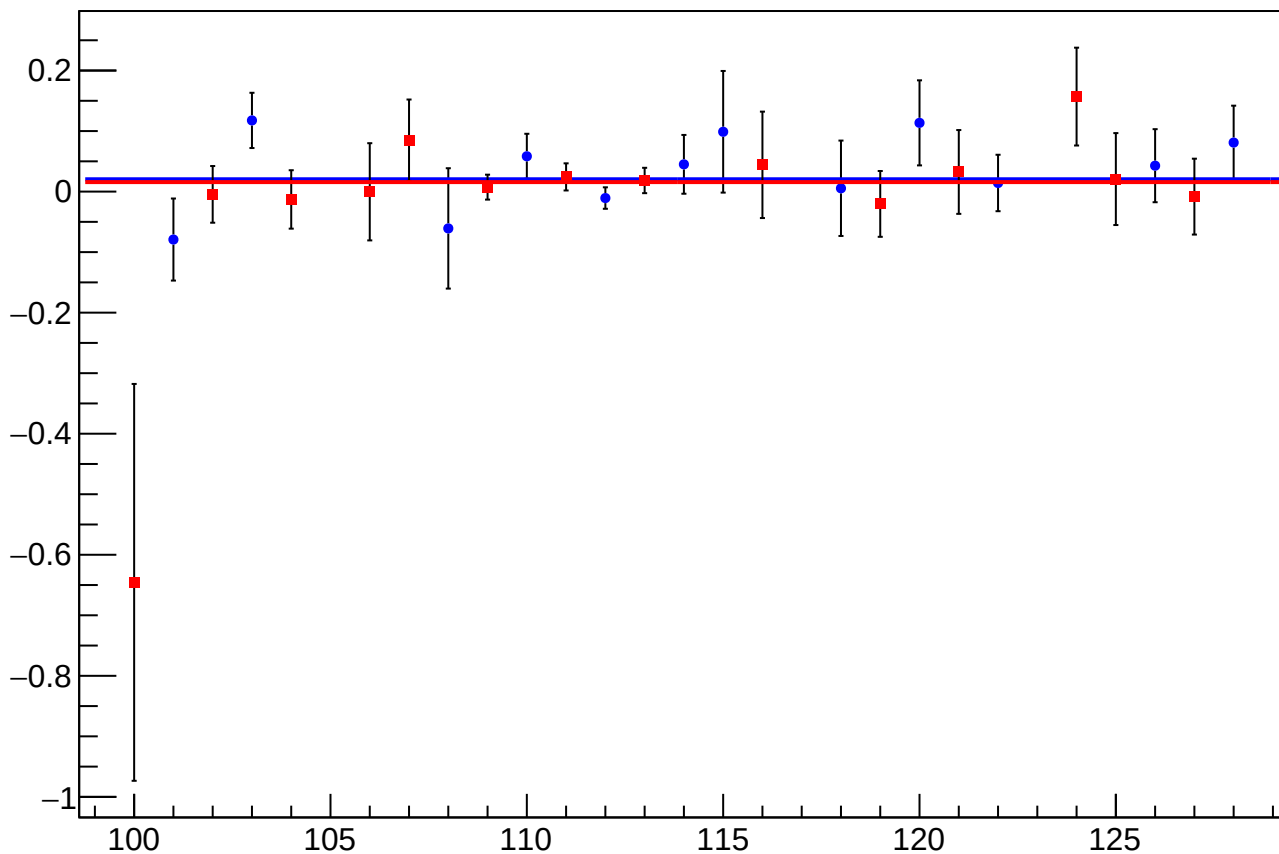
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 723699.3/25

- 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: 0.020 $\pm$ 0.012 χ^2 /NDF: 15.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.016 $\pm$ 0.010 χ^2 /NDF: 9.8/13

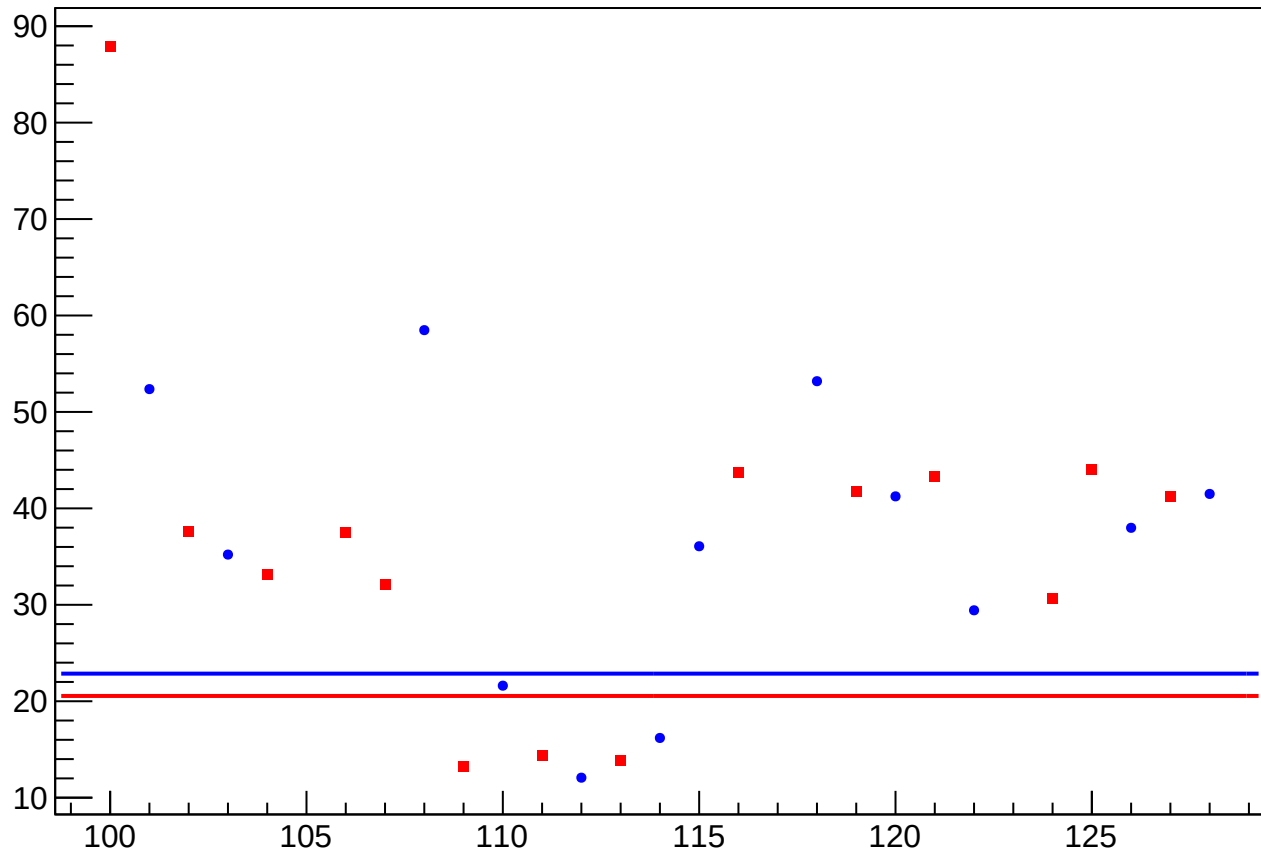
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.008 χ^2 /NDF: 25.2/25

- 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: 22.863+/-0.009 χ^2/NDF : 2382162.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.549+/-0.007 χ^2/NDF : 2340636.2/13

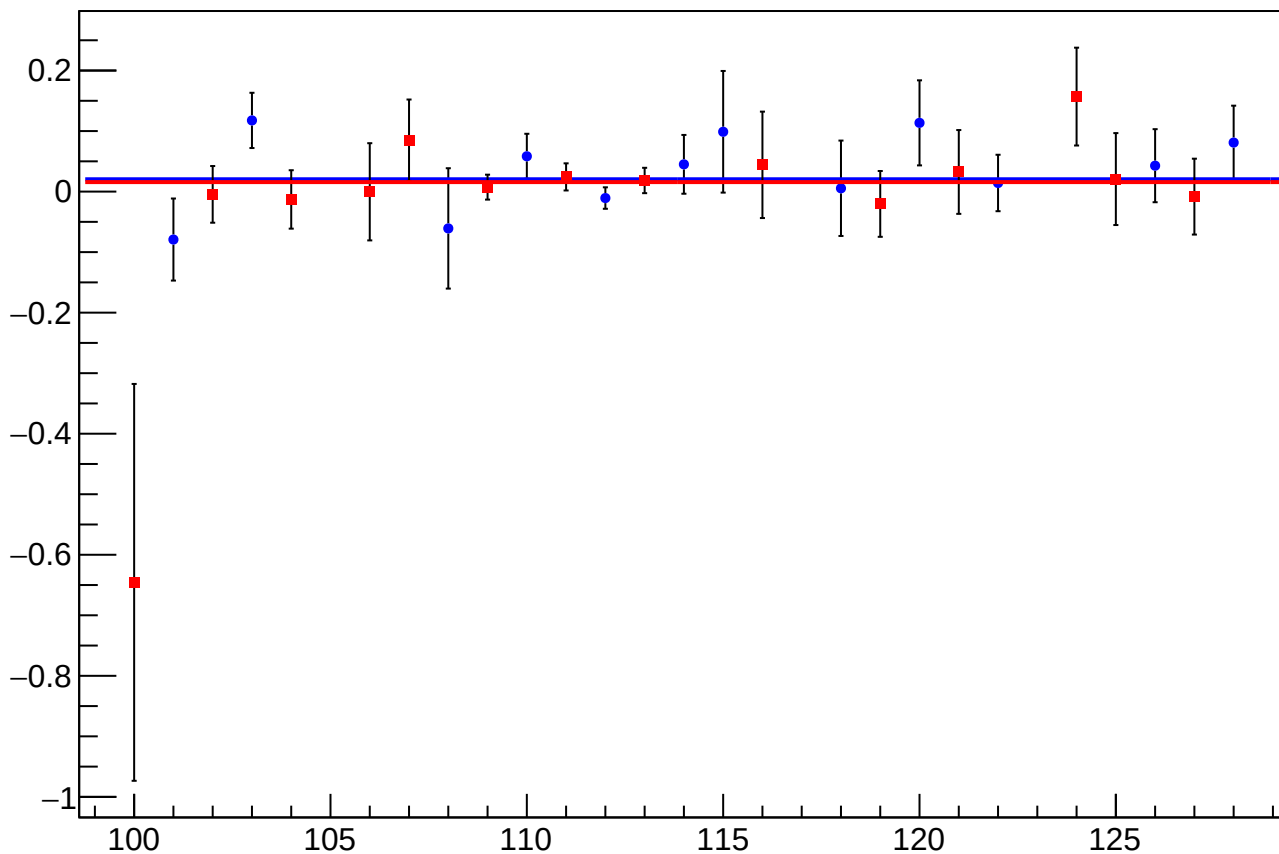
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.518+/-0.006 χ^2/NDF : 4763879.4/25

- 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: 0.020 $\pm$ 0.012 χ^2 /NDF: 15.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.016 $\pm$ 0.010 χ^2 /NDF: 9.8/13

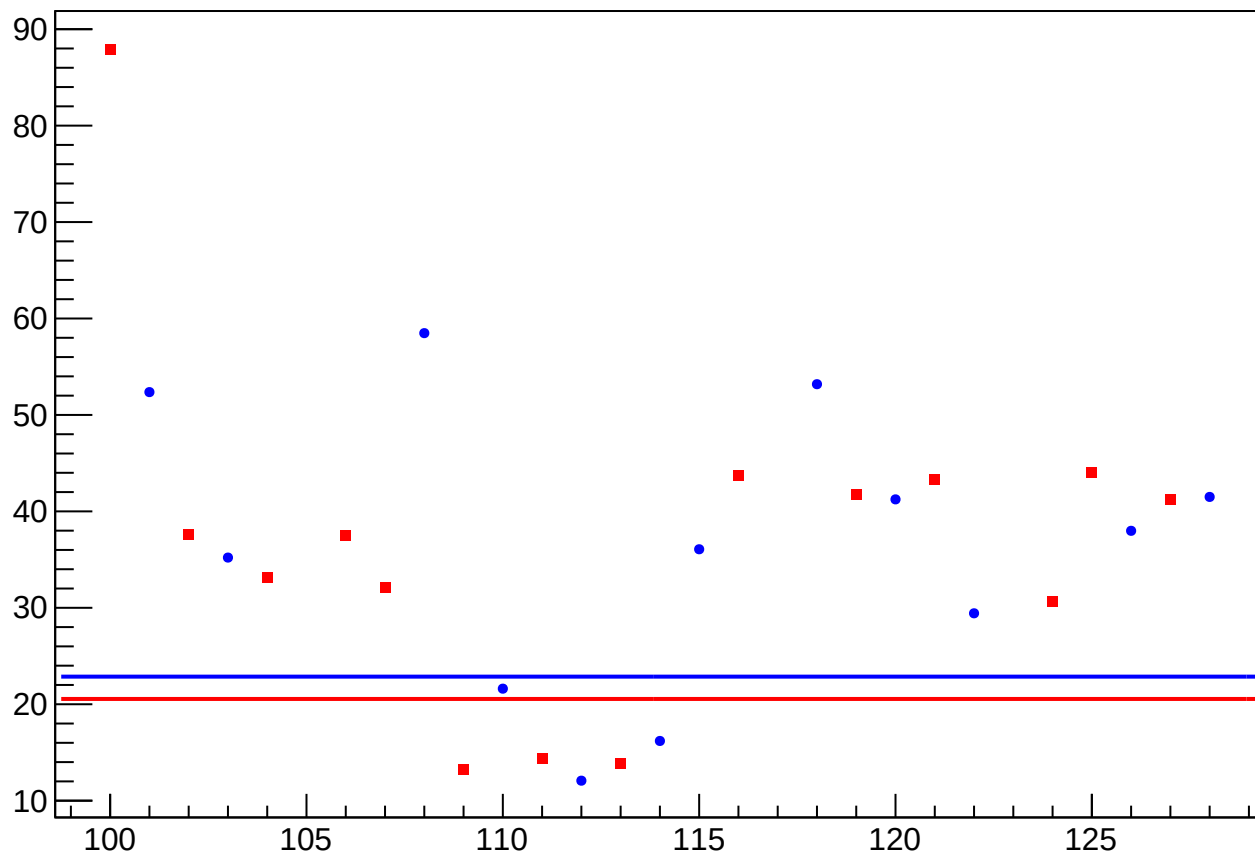
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.008 χ^2 /NDF: 25.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 22.863+/-0.009 χ^2/NDF : 2382162.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.549+/-0.007 χ^2/NDF : 2340636.2/13

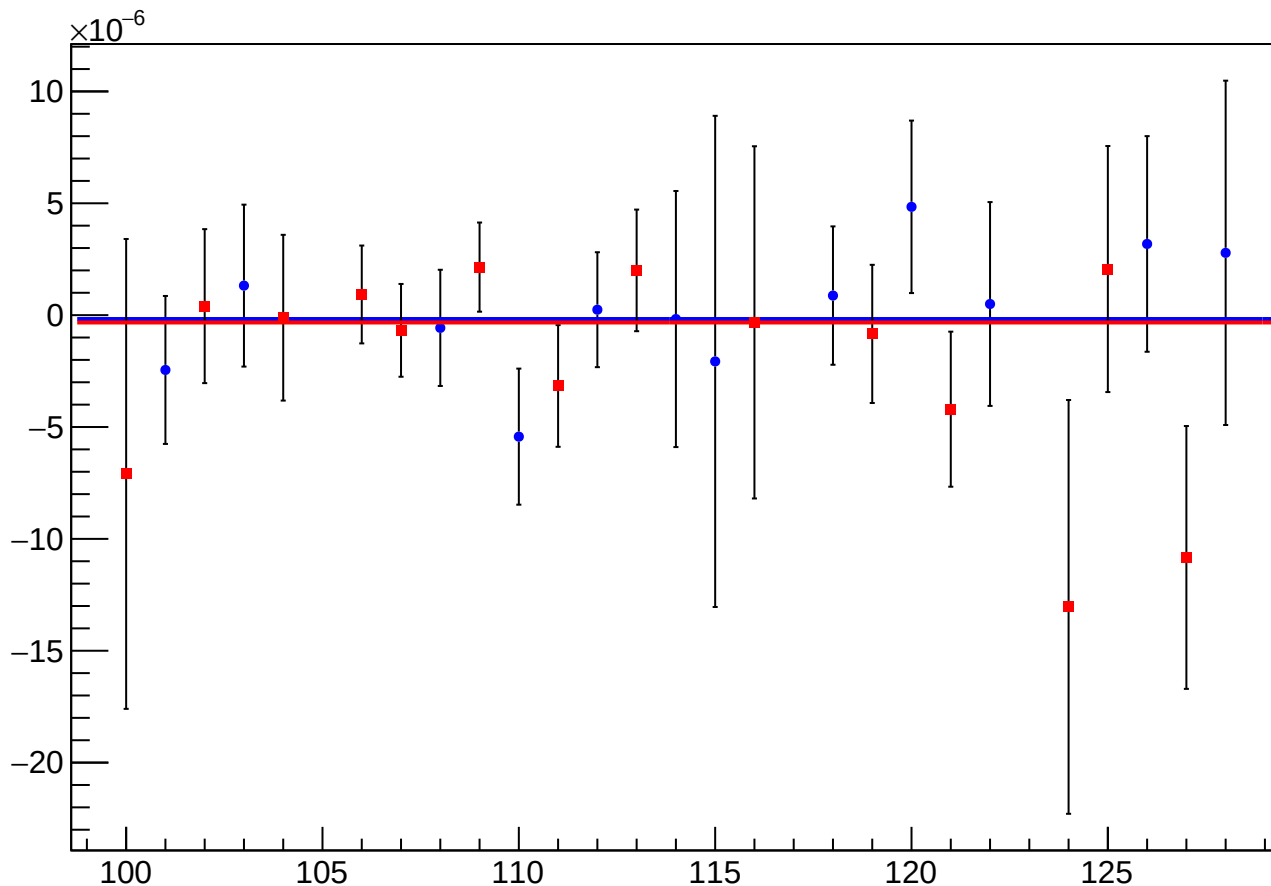
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.518+/-0.006 χ^2/NDF : 4763879.4/25

- 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+/-0.000 χ^2/NDF : 6.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.7/13

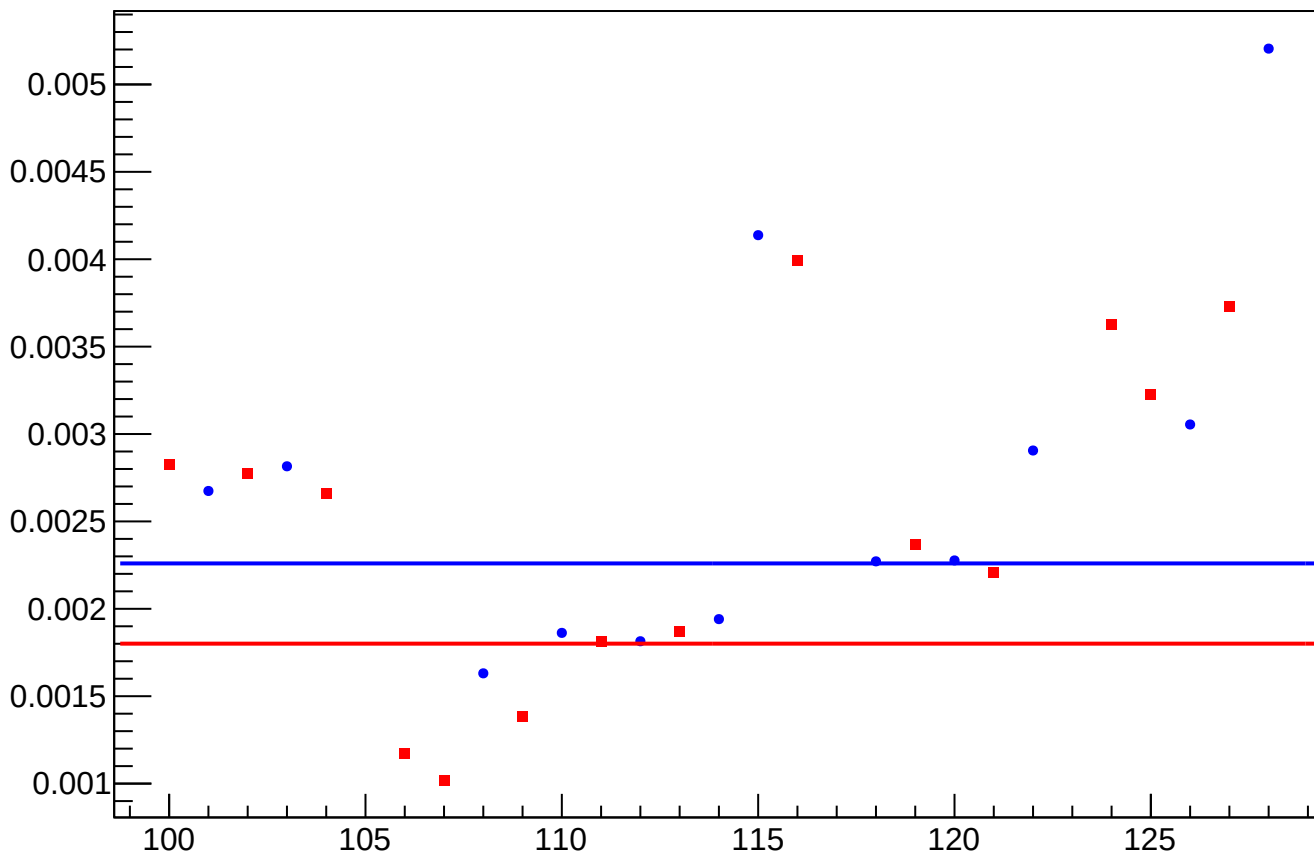
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.9/25

- sign 0.000+/-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 : 742531.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1505092.7/13

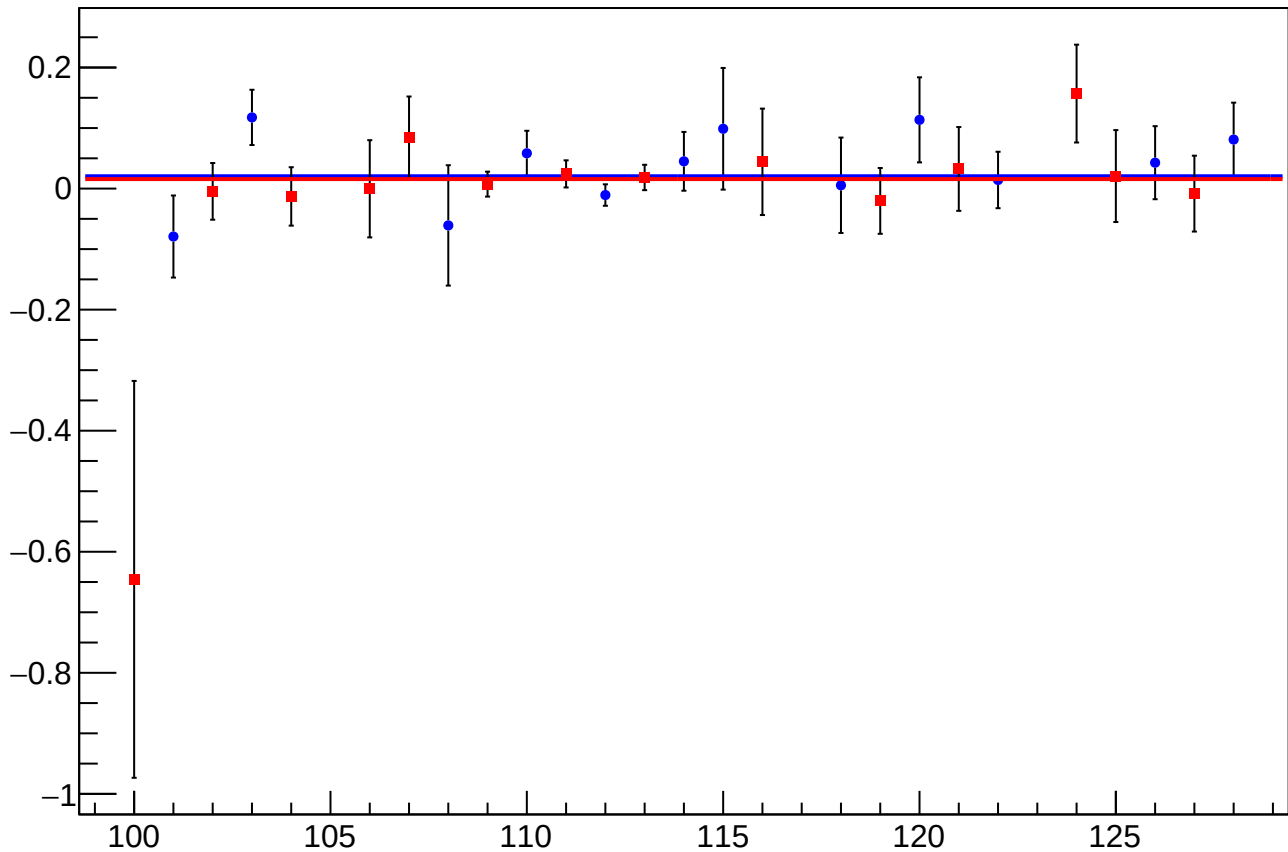
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2478169.5/25

- 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: 0.020 $\pm$ 0.012 χ^2 /NDF: 15.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.016 $\pm$ 0.010 χ^2 /NDF: 9.8/13

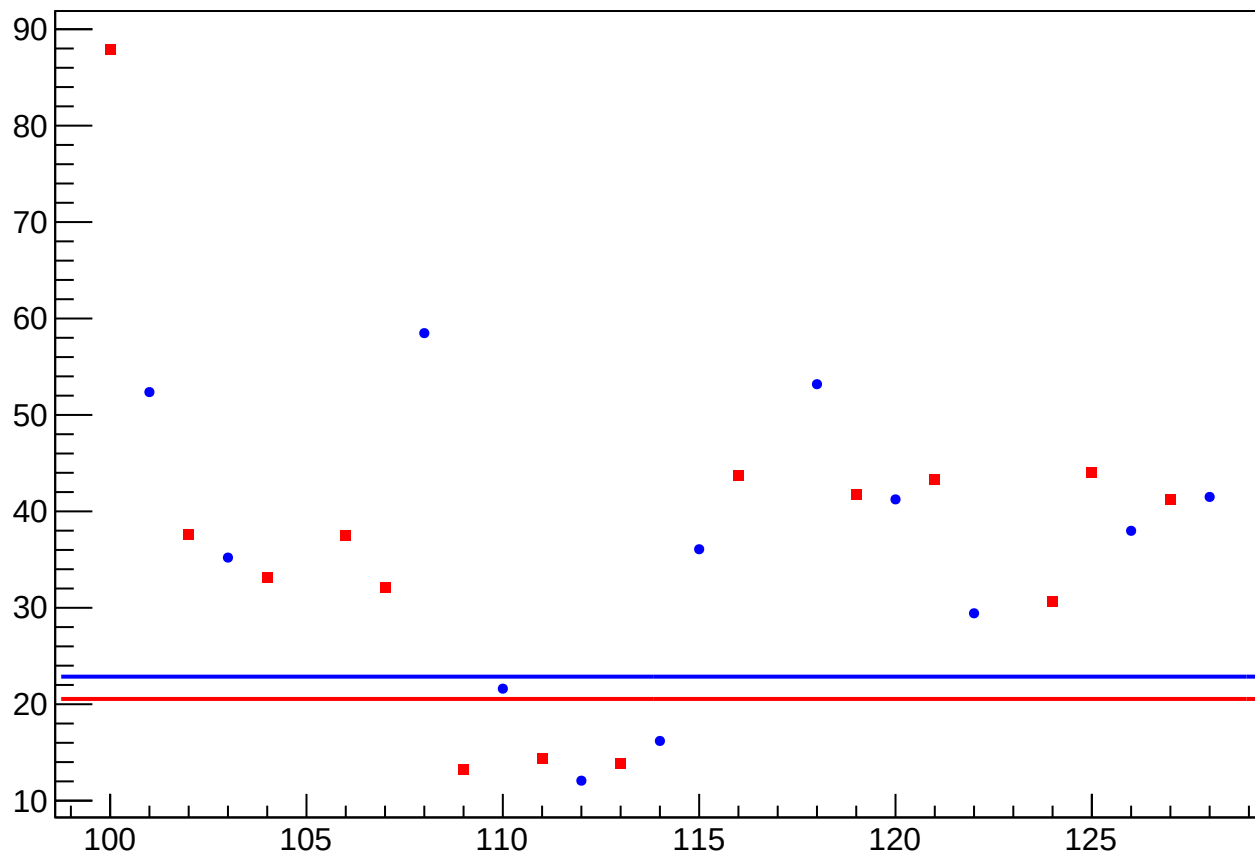
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.008 χ^2 /NDF: 25.2/25

- 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: 22.862 $\pm$ 0.009 χ^2 /NDF: 2382455.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 20.548 $\pm$ 0.007 χ^2 /NDF: 2340663.4/13

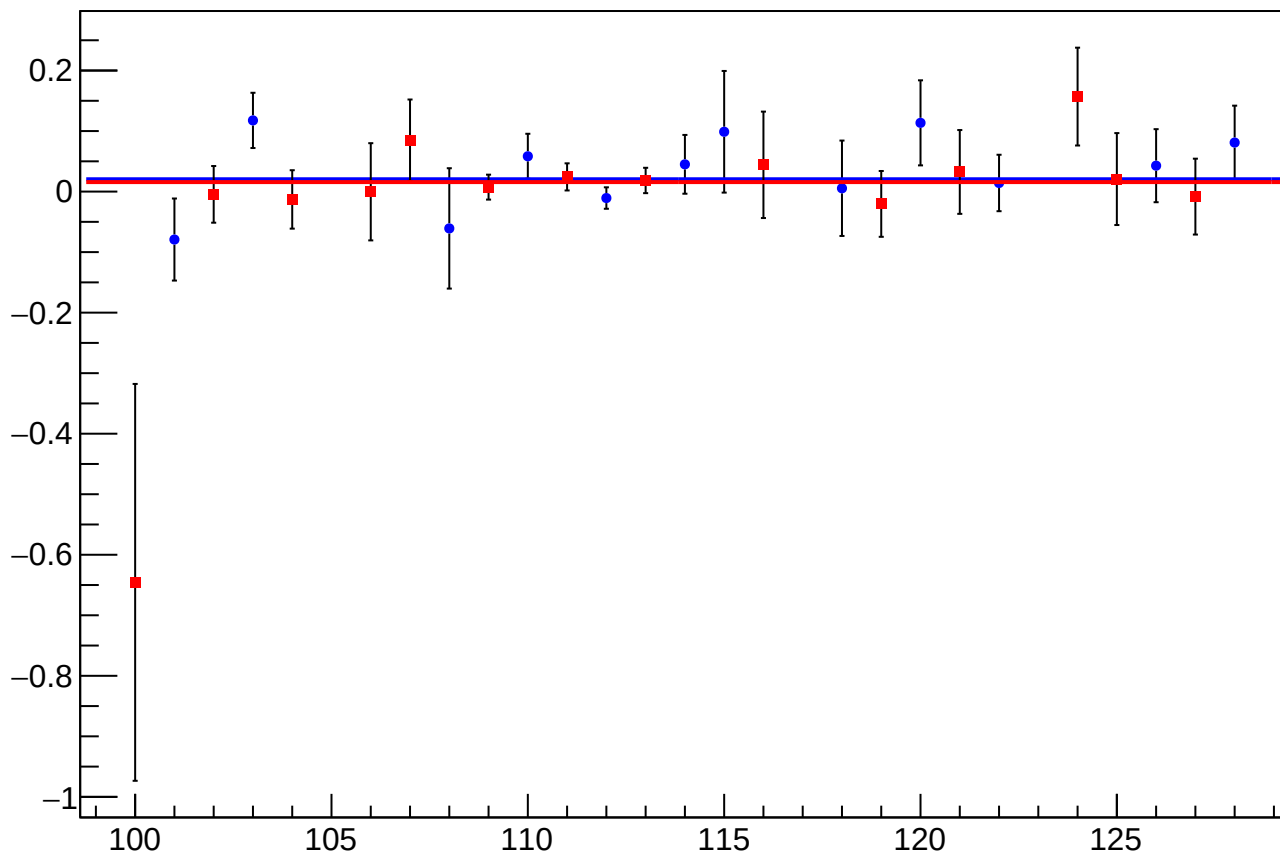
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.517 $\pm$ 0.006 χ^2 /NDF: 4764161.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.020+/-0.012 χ^2/NDF : 15.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.010 χ^2/NDF : 9.8/13

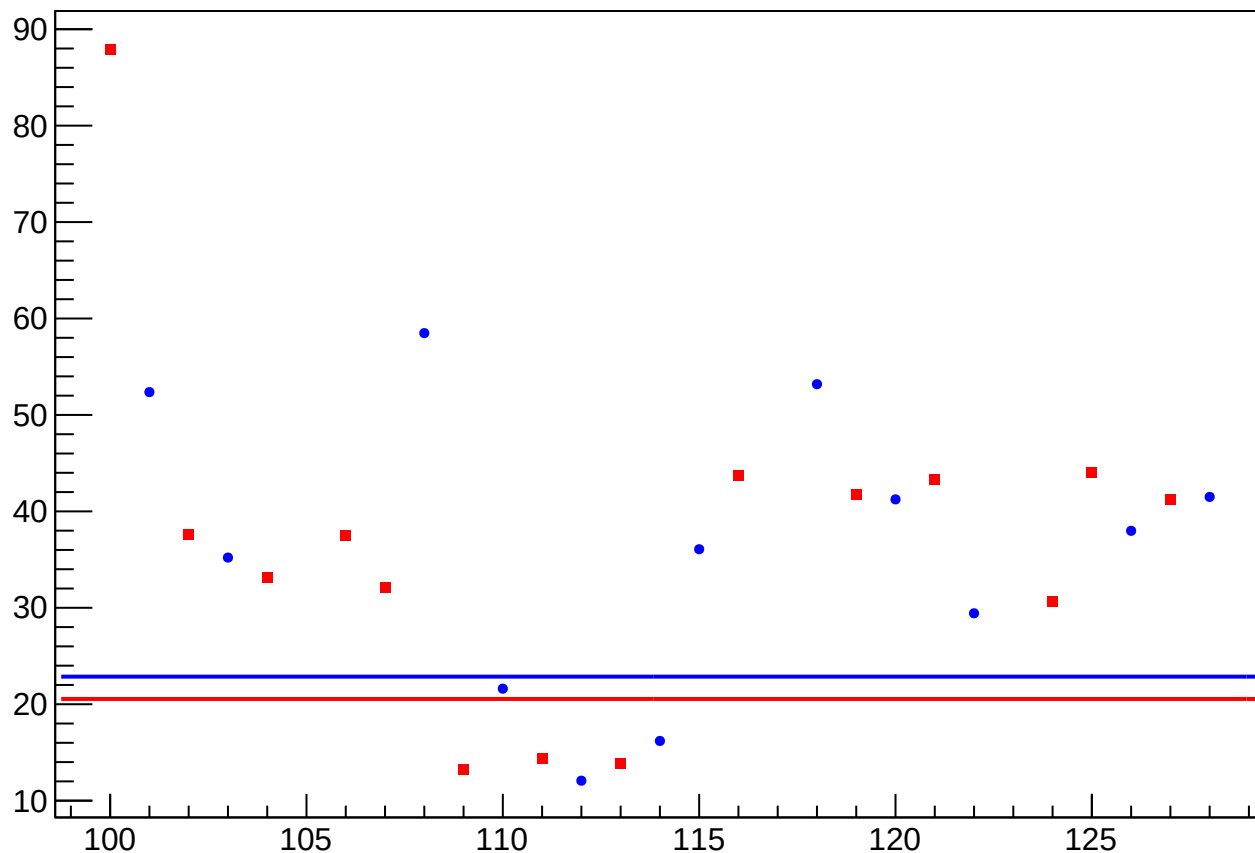
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.008 χ^2/NDF : 25.2/25

- 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: 22.862 $\pm$ 0.009 χ^2 /NDF: 2382455.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 20.548 $\pm$ 0.007 χ^2 /NDF: 2340663.4/13

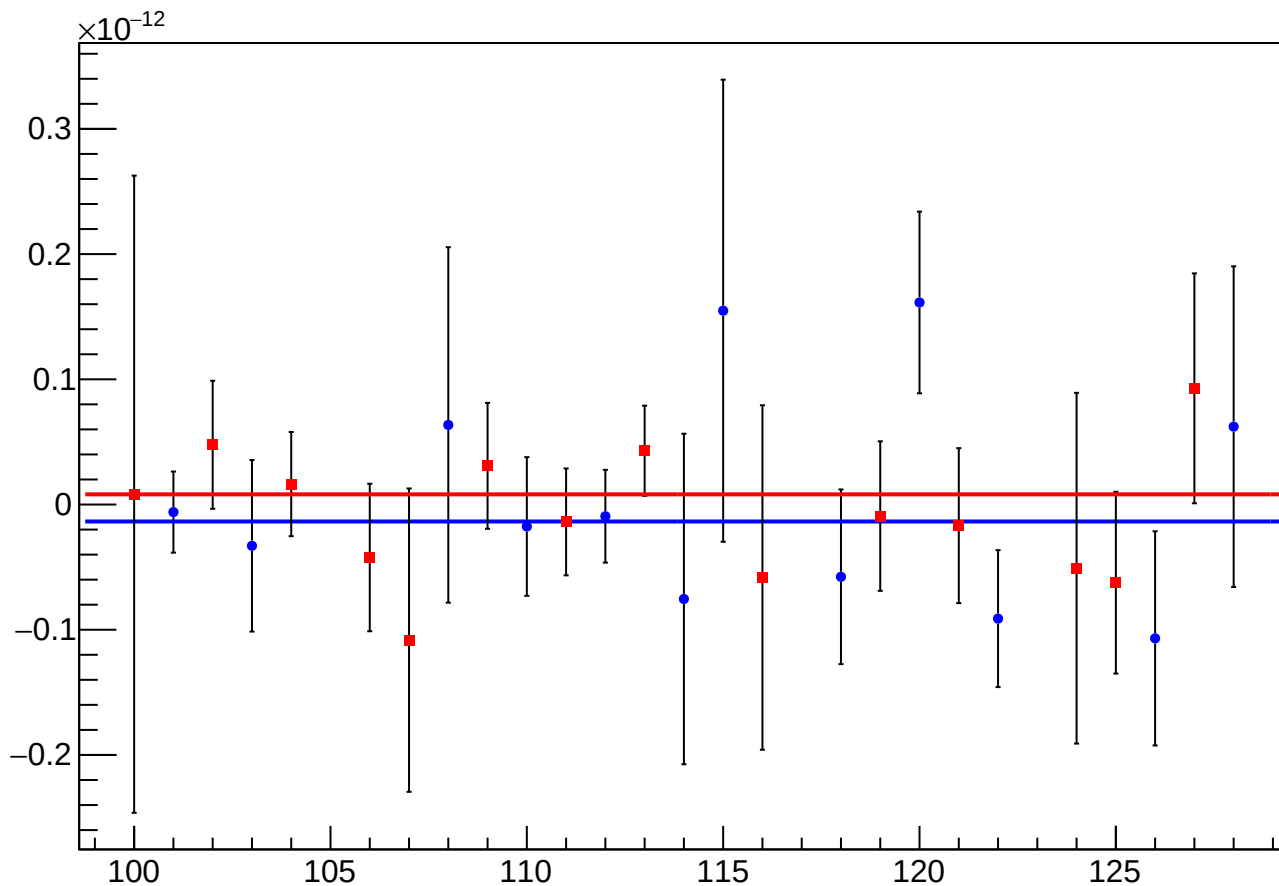
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.517 $\pm$ 0.006 χ^2 /NDF: 4764161.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 11.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.2/13

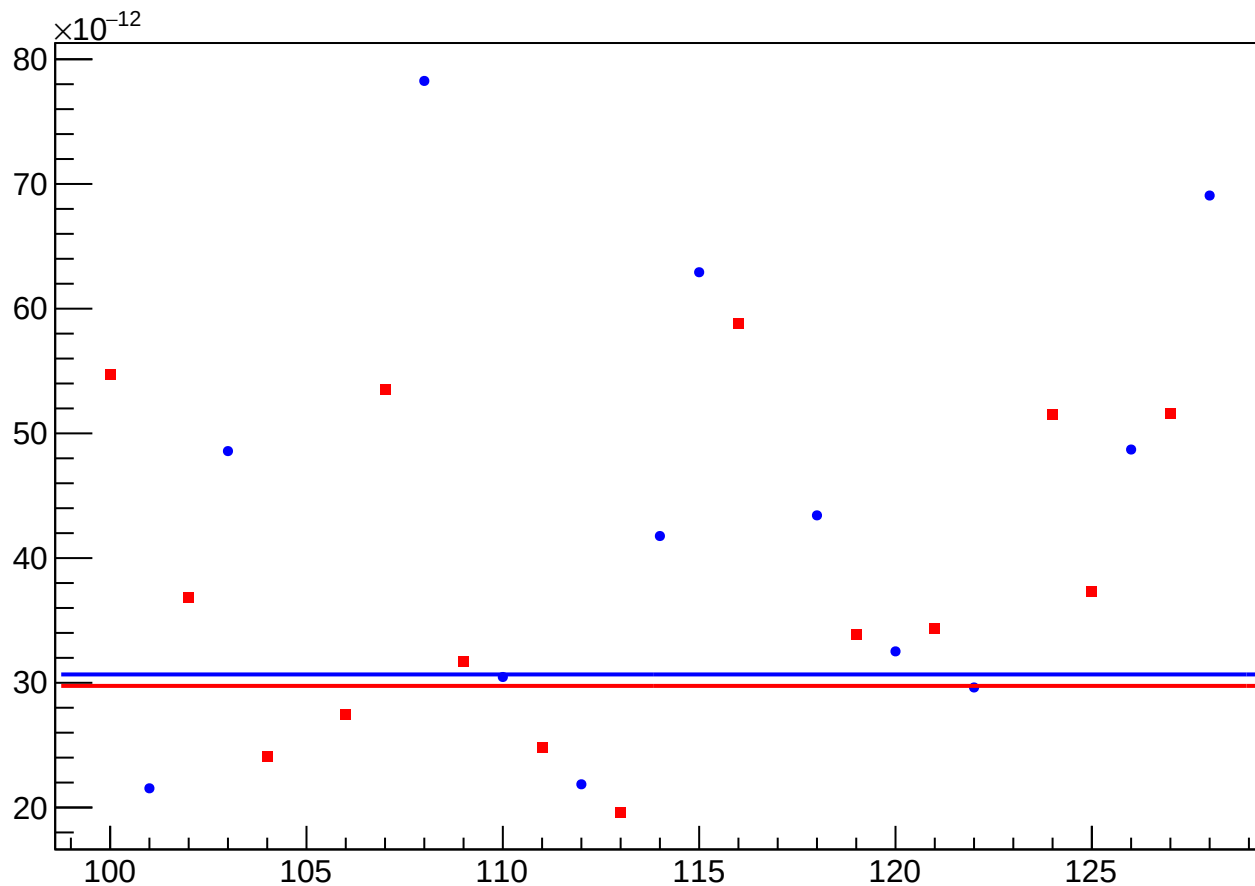
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.3/25

- 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 : 1046713.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 657394.9/13

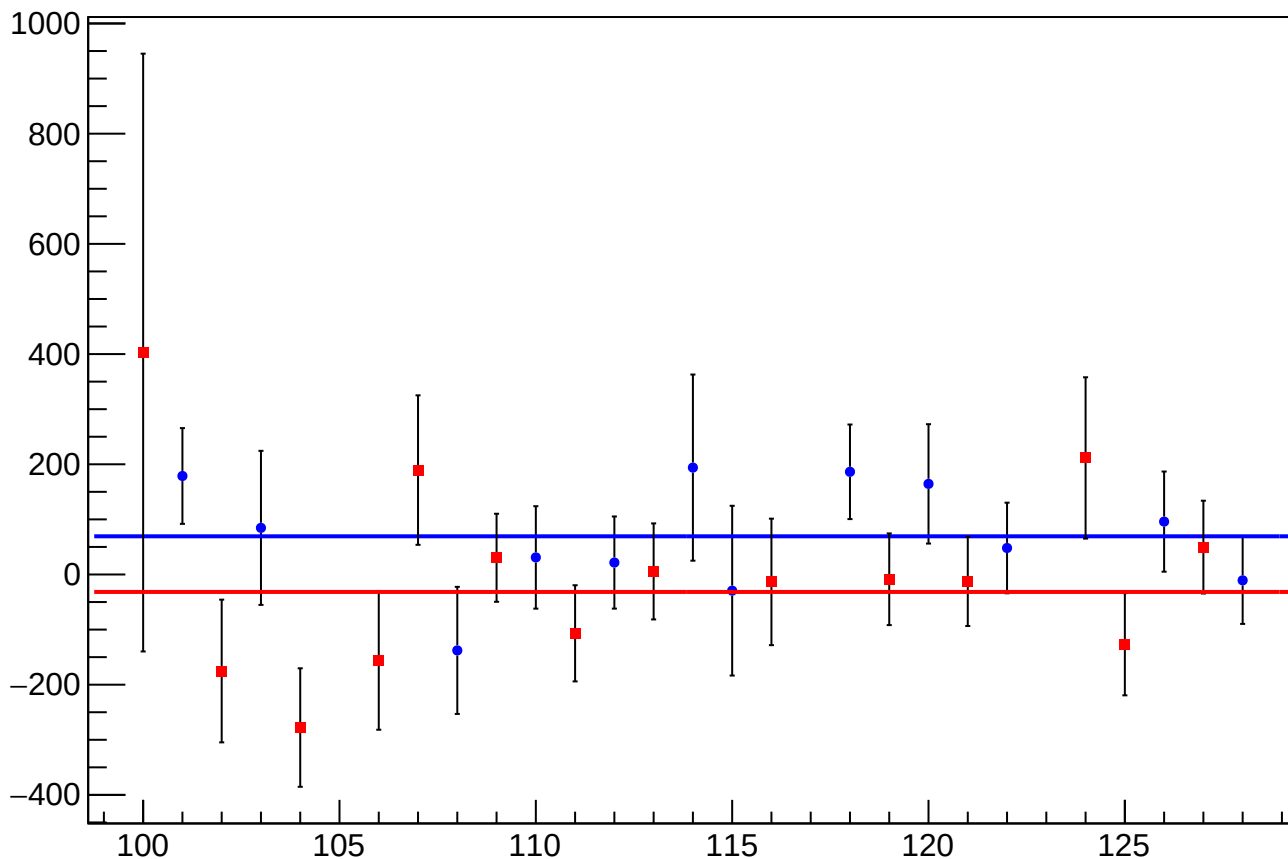
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1707157.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_mean vs Slug



Right In: 69.302+/-28.346 χ^2/NDF : 10.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.672+/-27.078 χ^2/NDF : 17.2/13

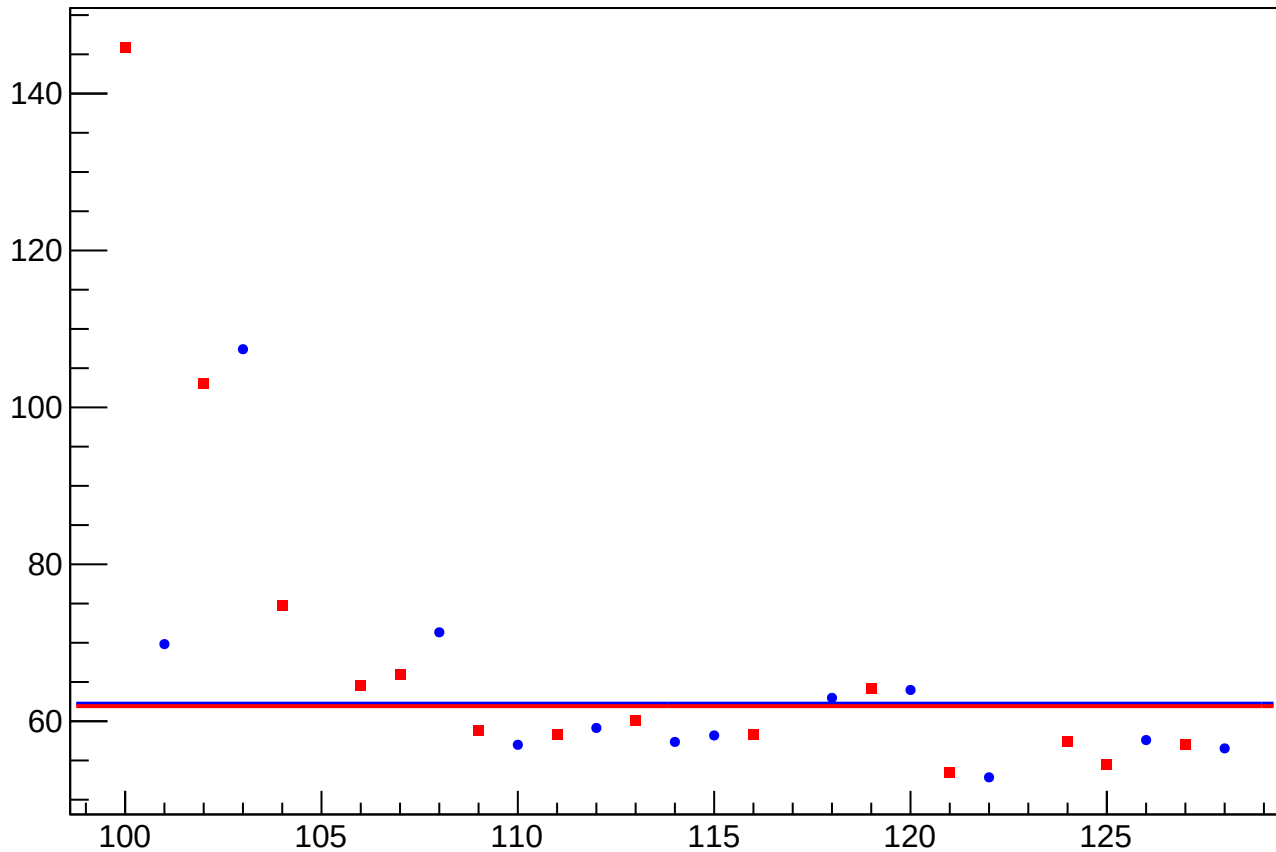
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.507+/-19.580 χ^2/NDF : 33.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_rms vs Slug



Right In: 62.239+/-0.020 χ^2/NDF : 291091.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.927+/-0.019 χ^2/NDF : 335357.0/13

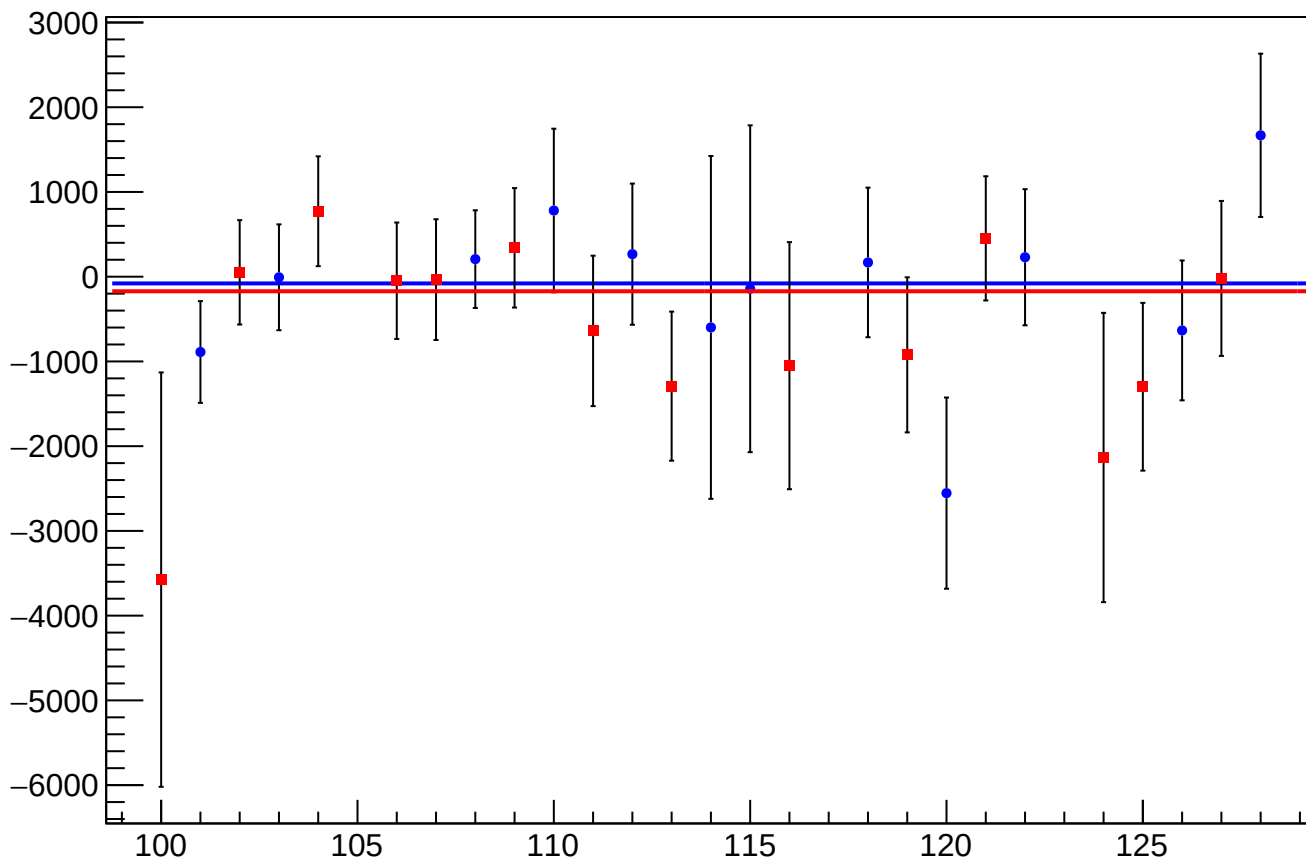
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.076+/-0.014 χ^2/NDF : 626575.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_reg_correction_mean vs Slug



Right In: -79.330 $\pm$ 238.767 χ^2 /NDF: 11.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -171.771 $\pm$ 224.003 χ^2 /NDF: 11.1/13

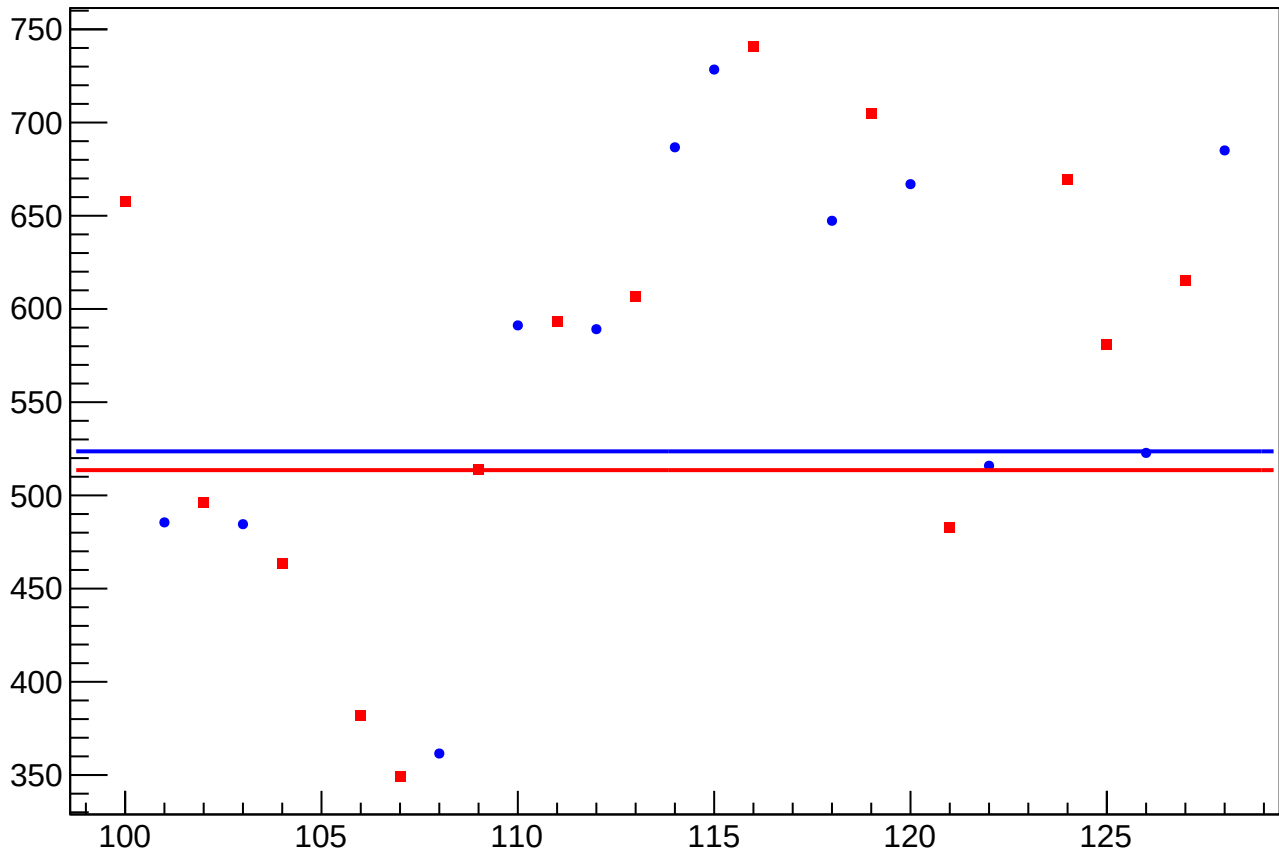
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -128.497 $\pm$ 163.364 χ^2 /NDF: 23.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_reg_correction_rms vs Slug



Right In: 523.624+/-0.169 χ^2/NDF : 359699.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 513.545+/-0.158 χ^2/NDF : 429125.7/13

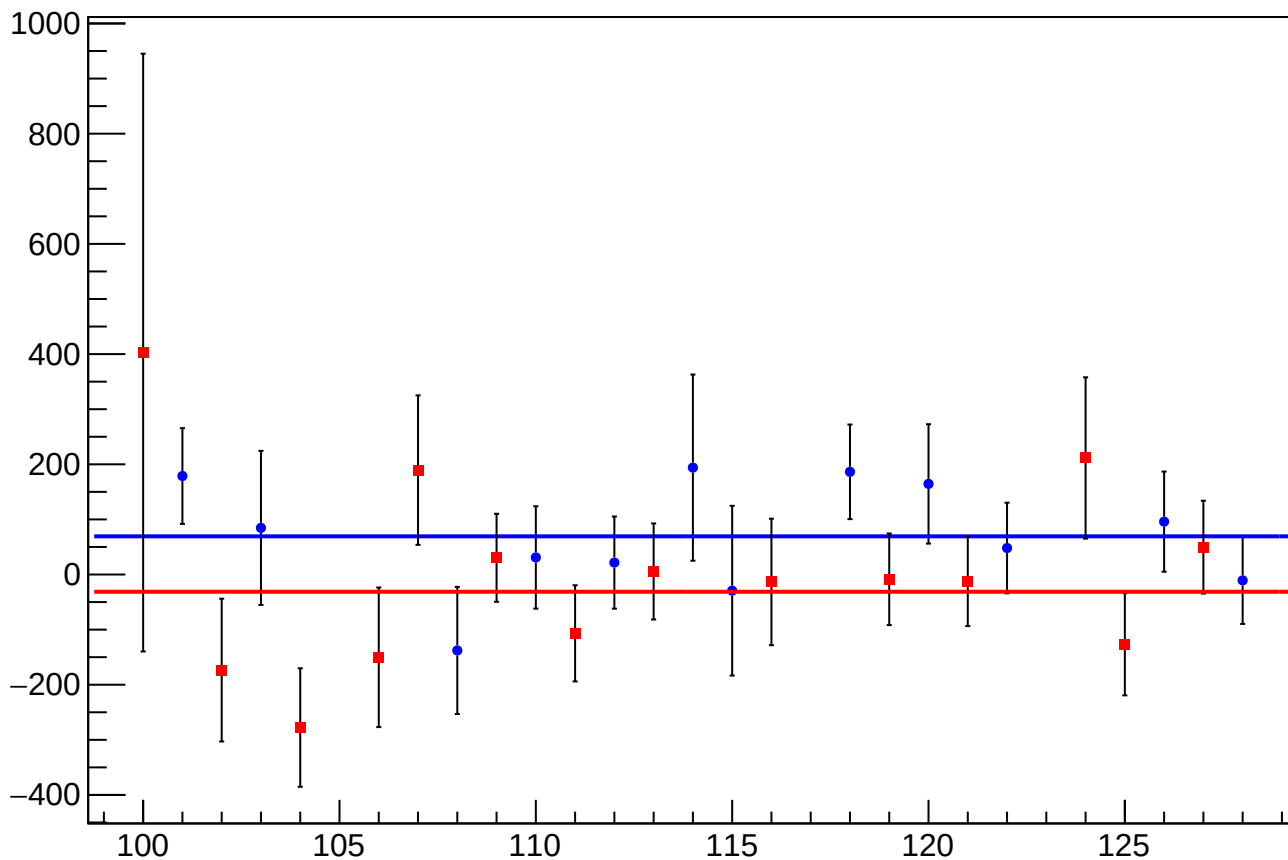
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 518.263+/-0.116 χ^2/NDF : 790720.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_13_57_dd_mean vs Slug



Right In: 69.304 $\pm$ 28.346 χ^2 /NDF: 10.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -31.267 $\pm$ 27.085 χ^2 /NDF: 17.0/13

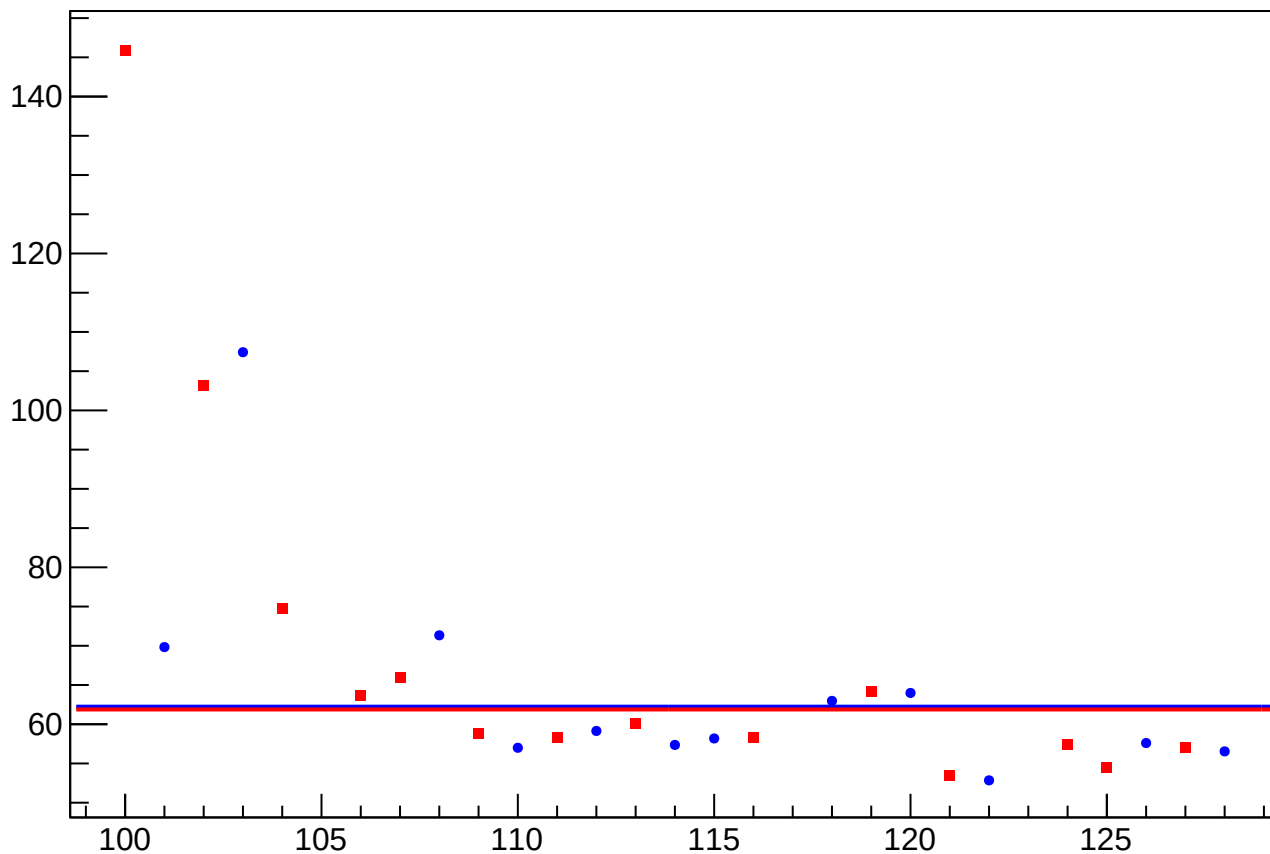
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.733 $\pm$ 19.583 χ^2 /NDF: 33.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_13_57_dd_rms vs Slug



Right In: 62.239+/-0.020 χ^2/NDF : 291093.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.880+/-0.019 χ^2/NDF : 335031.9/13

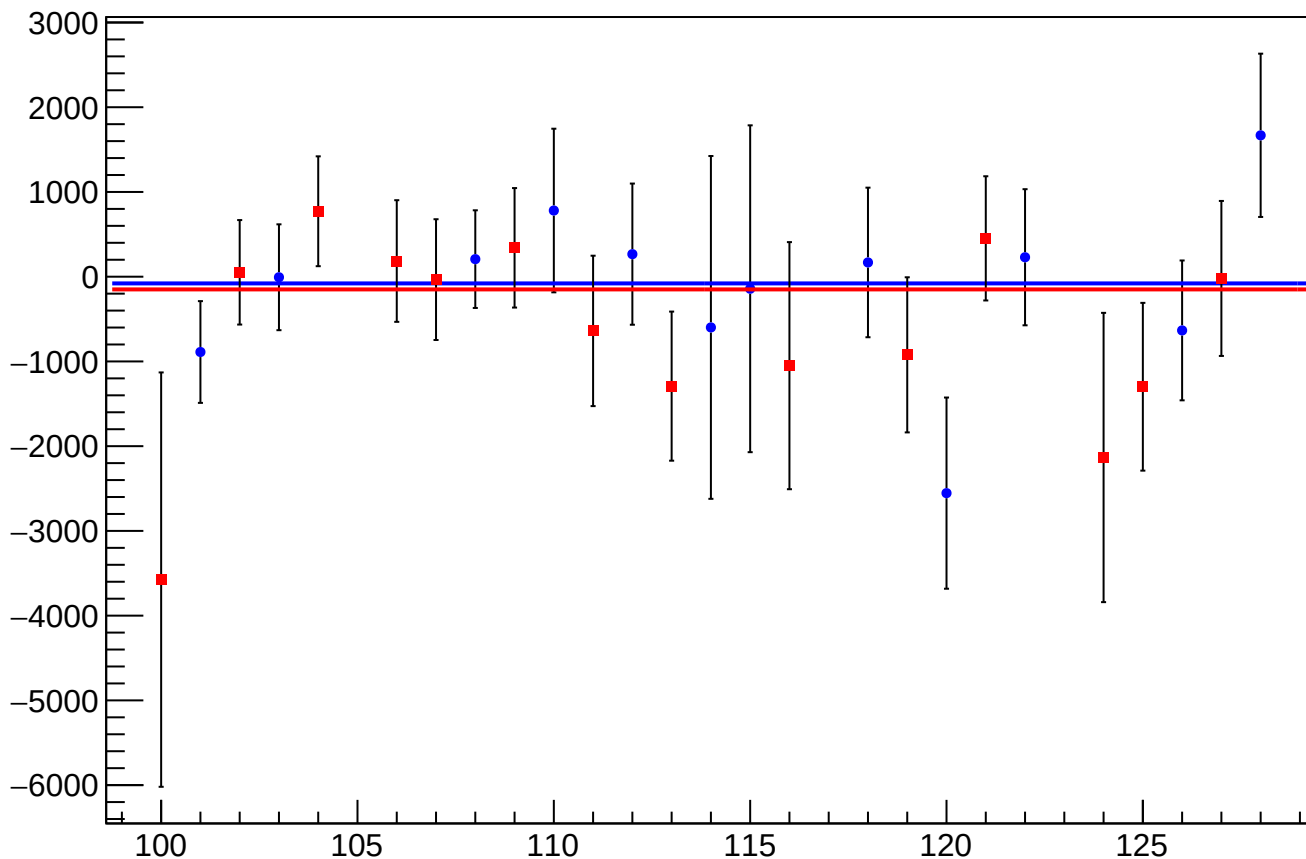
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.051+/-0.014 χ^2/NDF : 626292.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_cor_correction_mean vs Slug



Right In: -79.258 $\pm$ 238.770 χ^2 /NDF: 11.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -150.071 $\pm$ 225.040 χ^2 /NDF: 11.3/13

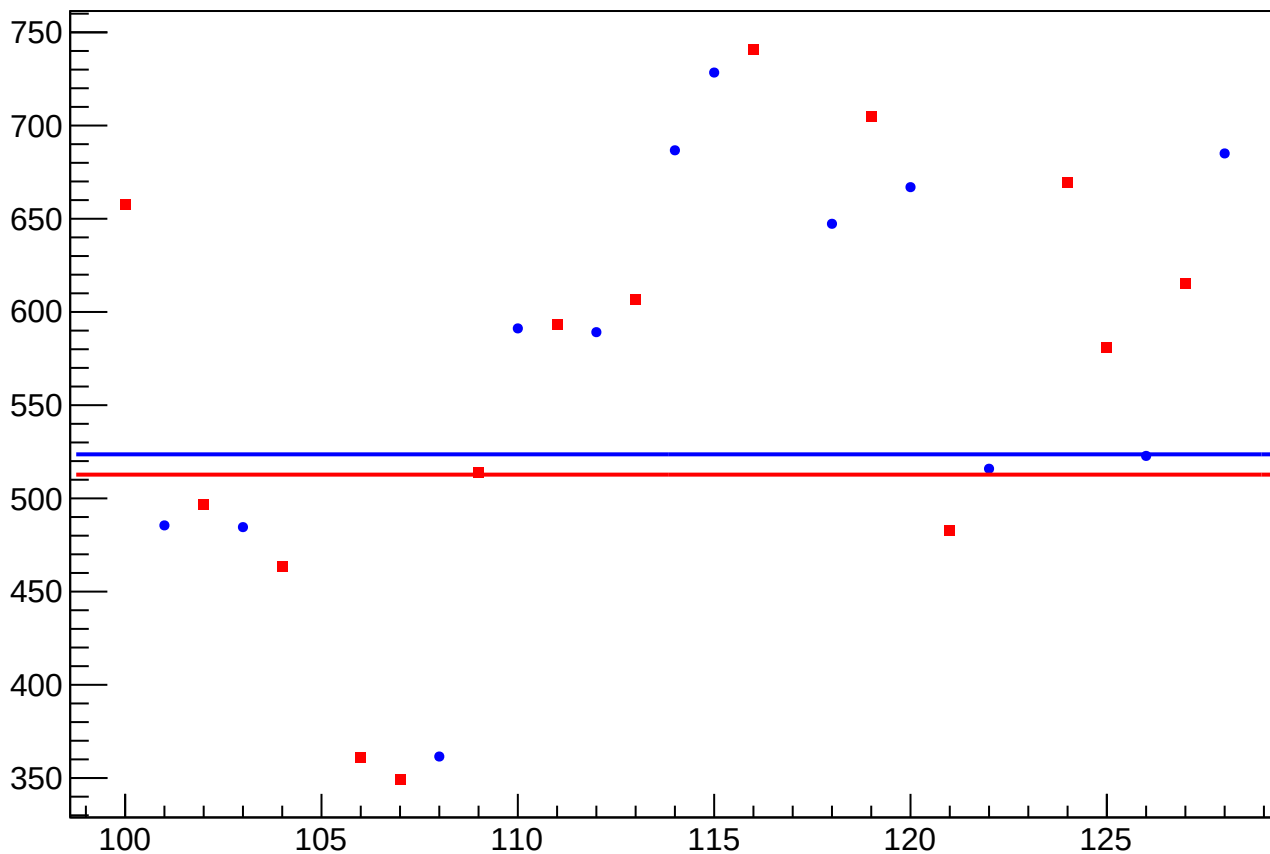
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -116.759 $\pm$ 163.766 χ^2 /NDF: 23.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_cor_correction_rms vs Slug



Right In: 523.629+/-0.169 χ^2/NDF : 359685.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 512.747+/-0.159 χ^2/NDF : 445927.0/13

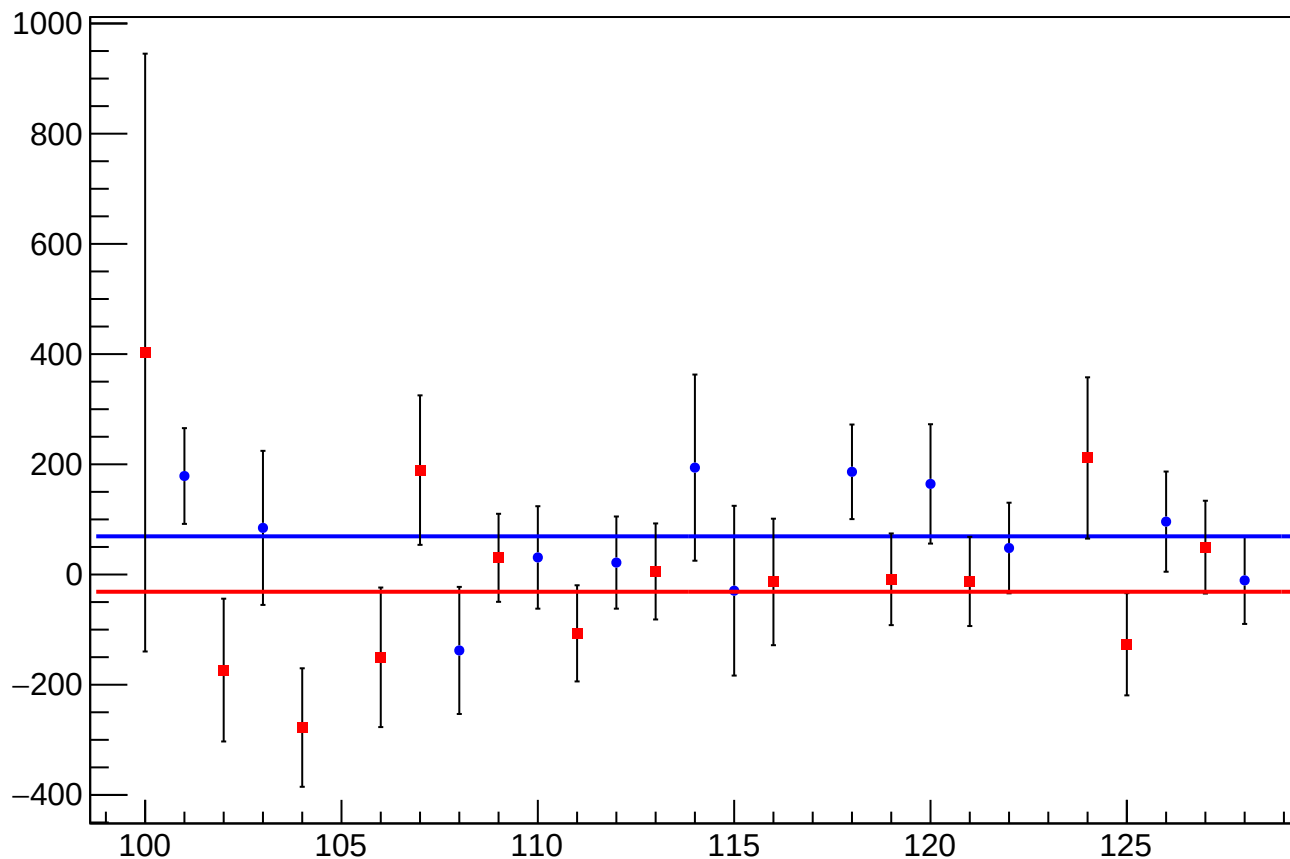
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 517.866+/-0.116 χ^2/NDF : 807812.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_13_57_dd_mean vs Slug



Right In: 69.304 $\pm$ 28.346 χ^2 /NDF: 10.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -31.267 $\pm$ 27.085 χ^2 /NDF: 17.0/13

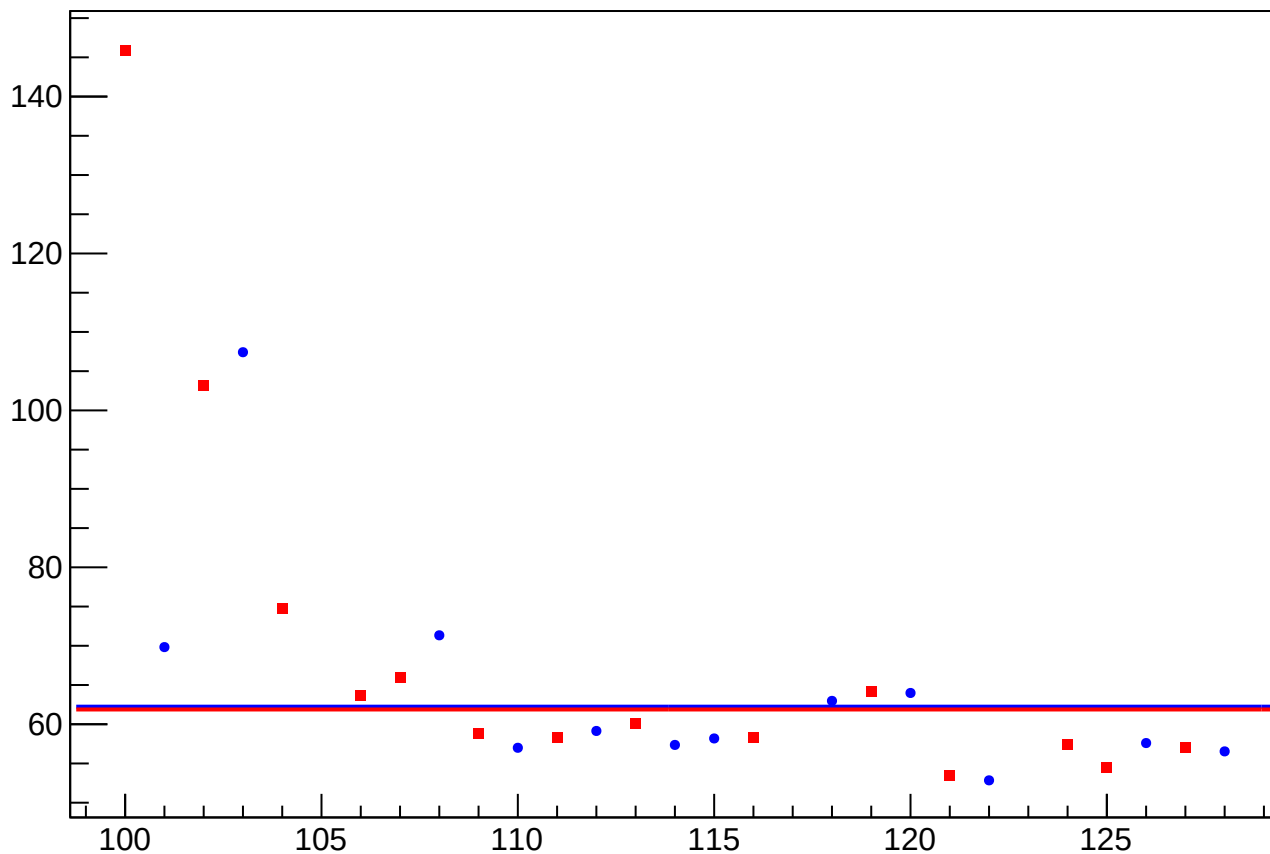
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.733 $\pm$ 19.583 χ^2 /NDF: 33.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_13_57_dd_rms vs Slug



Right In: 62.239+/-0.020 χ^2/NDF : 291093.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.880+/-0.019 χ^2/NDF : 335031.9/13

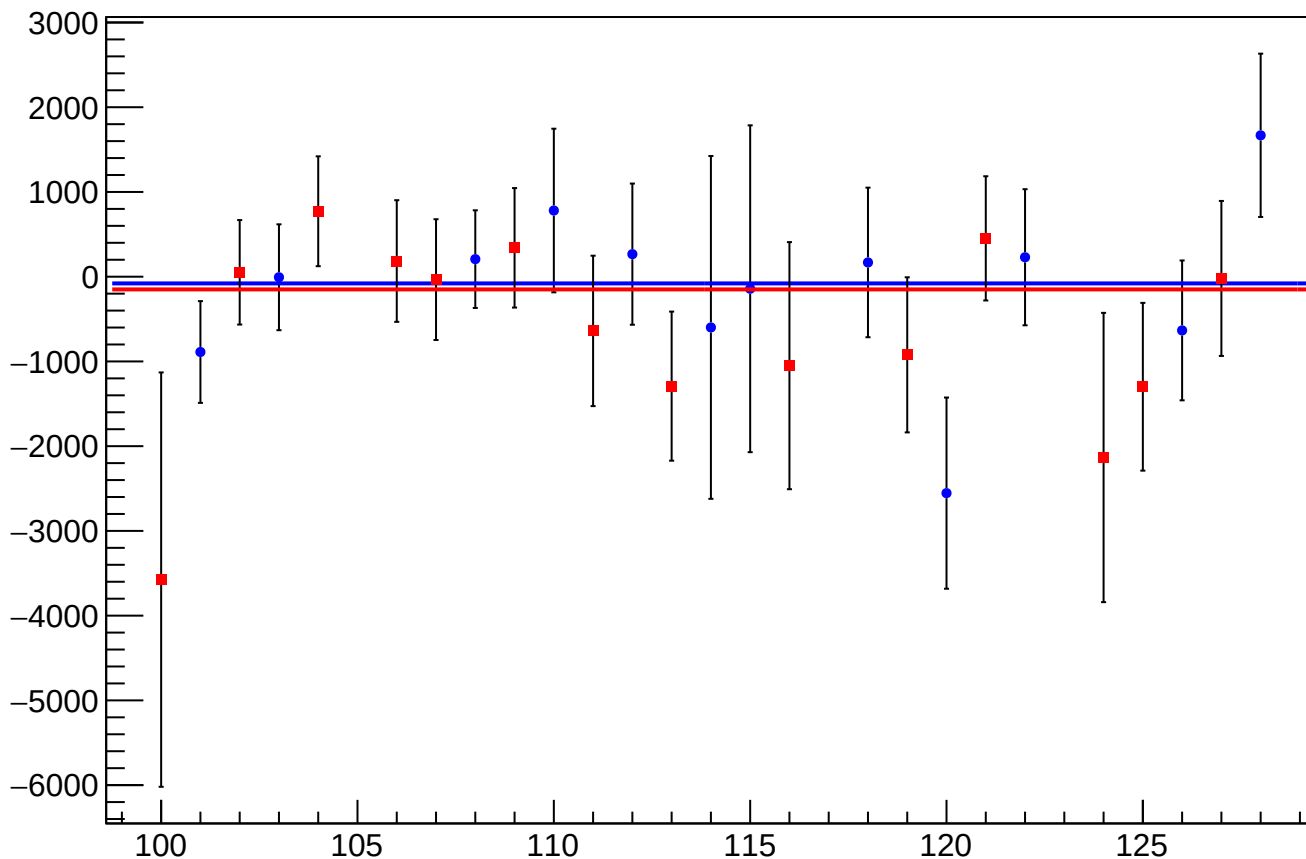
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.051+/-0.014 χ^2/NDF : 626292.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_eigen_cor_correction_mean vs Slug



Right In: -79.258 $\pm$ 238.770 χ^2 /NDF: 11.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -150.071 $\pm$ 225.040 χ^2 /NDF: 11.3/13

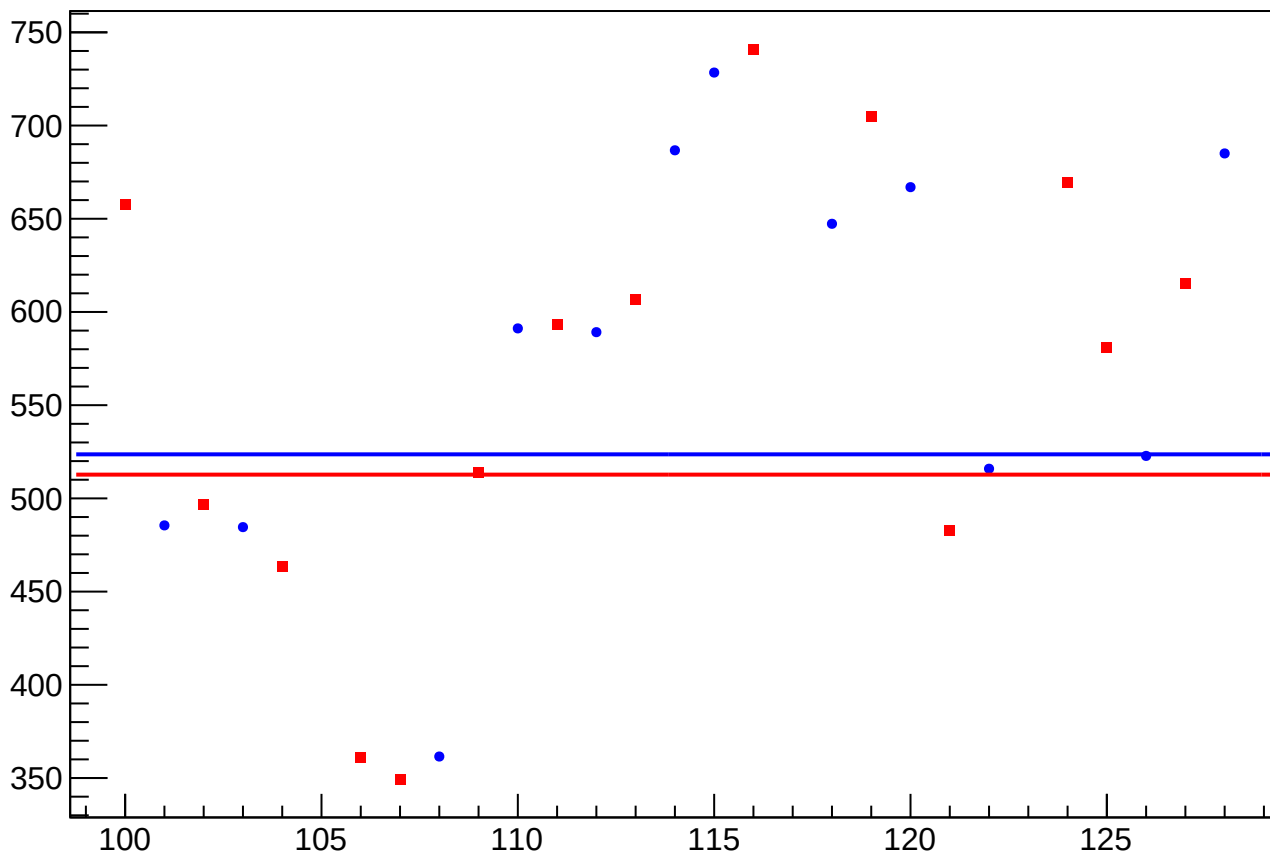
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -116.759 $\pm$ 163.766 χ^2 /NDF: 23.2/25

- 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: 523.629+/-0.169 χ^2/NDF : 359685.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 512.747+/-0.159 χ^2/NDF : 445927.0/13

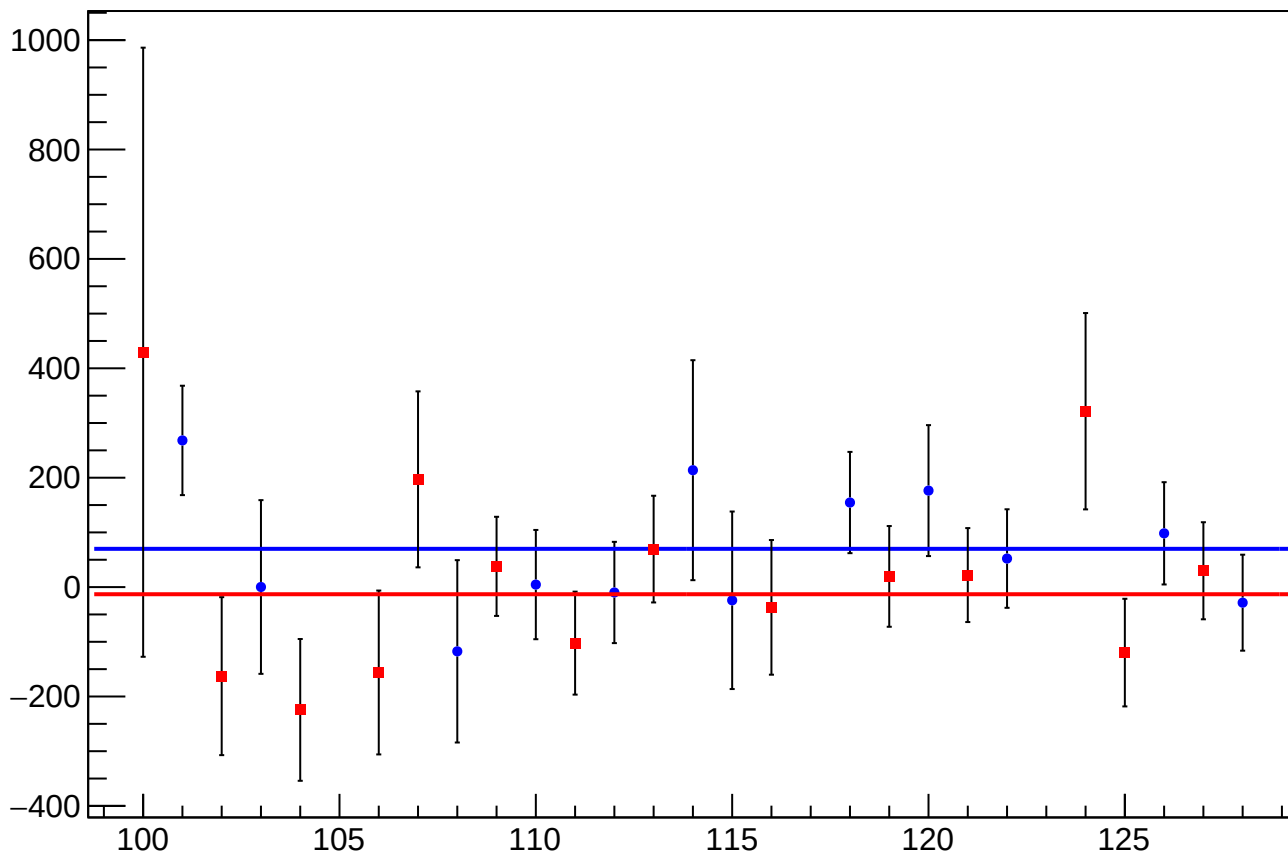
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 517.866+/-0.116 χ^2/NDF : 807812.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_13_57_dd_mean vs Slug



Right In: 69.967 $\pm$ 31.476 χ^2 /NDF: 10.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -13.032 $\pm$ 29.954 χ^2 /NDF: 14.1/13

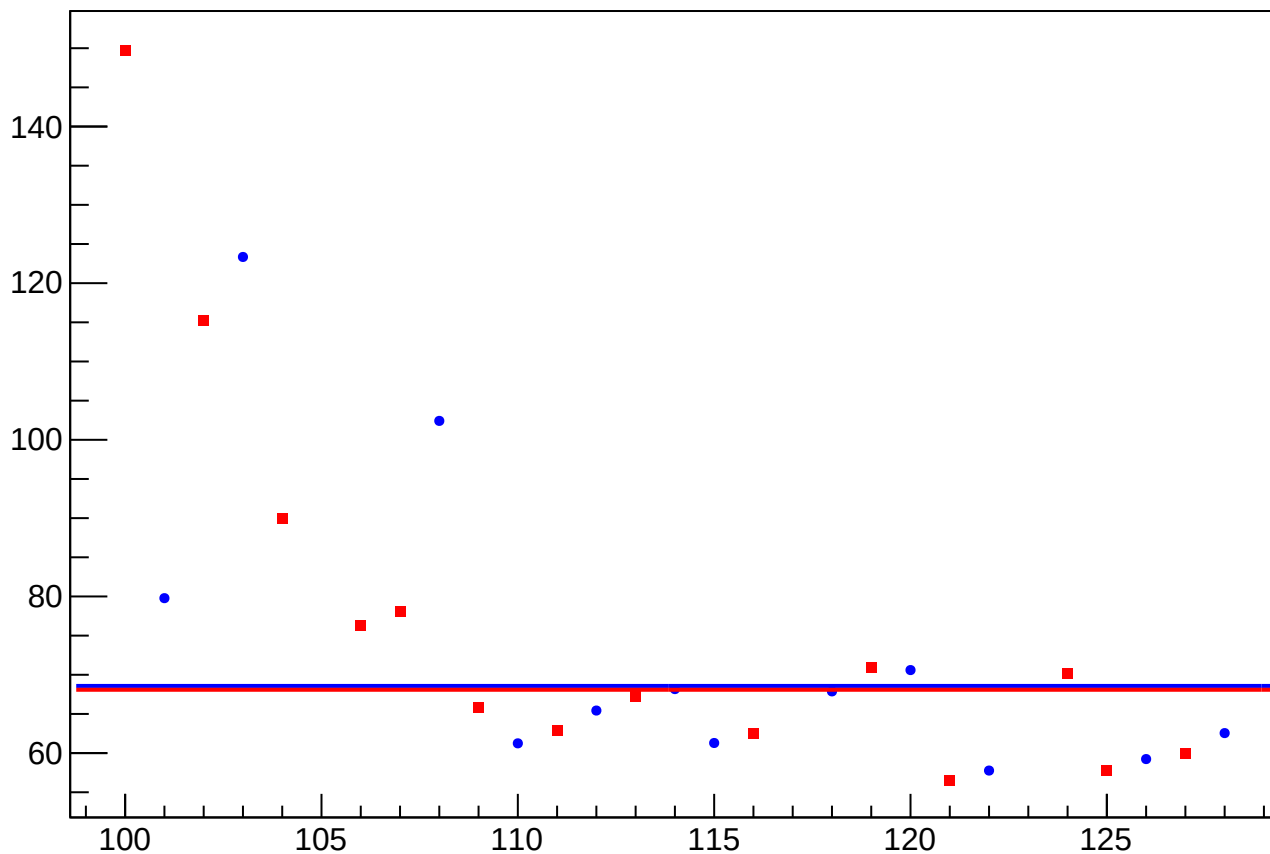
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26.412 $\pm$ 21.699 χ^2 /NDF: 28.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_13_57_dd_rms vs Slug



Right In: 68.577+/-0.022 χ^2/NDF : 421454.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.085+/-0.021 χ^2/NDF : 415858.7/13

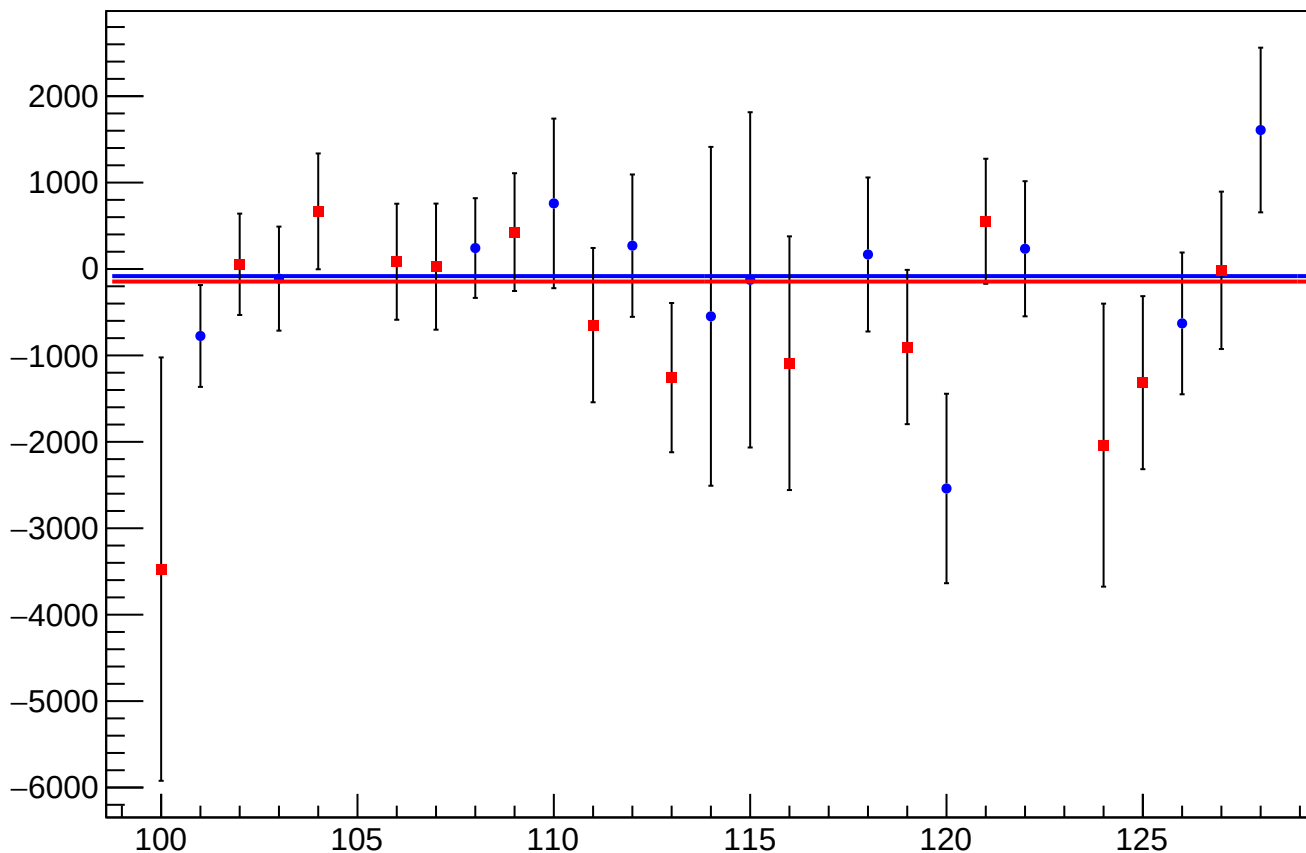
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.319+/-0.015 χ^2/NDF : 837568.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_dit_correction_mean vs Slug



Right In: -82.356+/-235.735 χ^2/NDF : 11.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -145.032+/-221.641 χ^2/NDF : 11.1/13

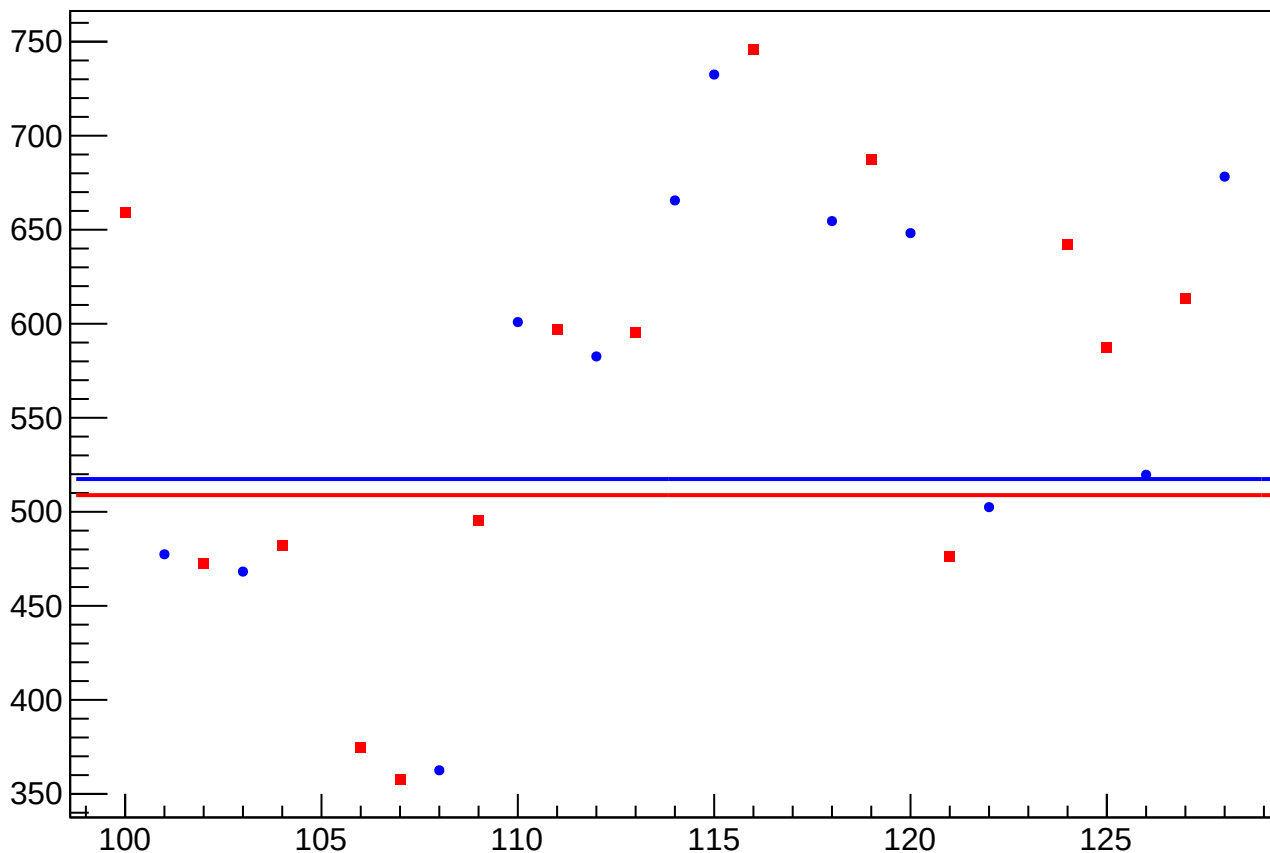
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -115.624+/-161.477 χ^2/NDF : 22.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_dit_correction_rms vs Slug



Right In: 517.425+/-0.167 χ^2/NDF : 363205.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

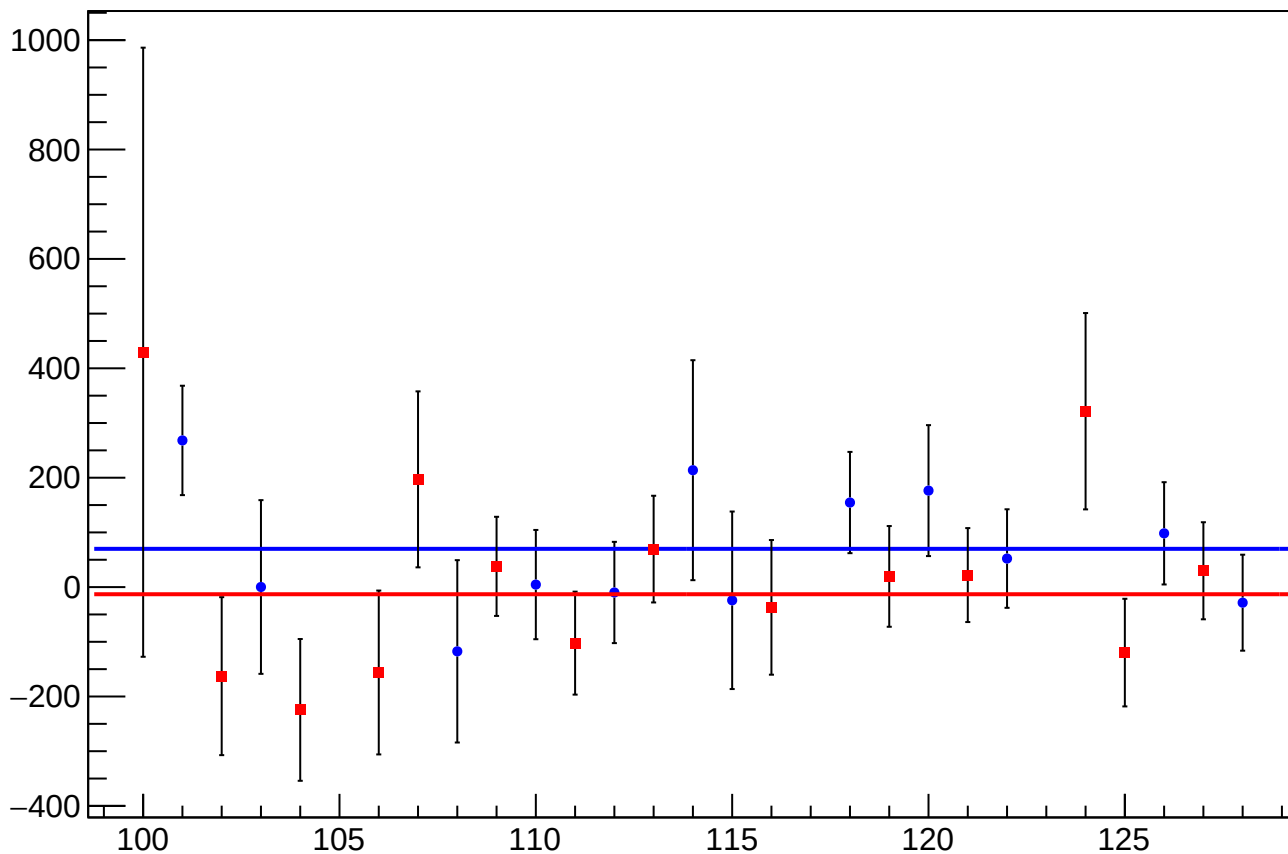
Right Out: 508.870+/-0.157 χ^2/NDF : 412729.2/13

All: 512.884+/-0.114 χ^2/NDF : 777333.0/25

- 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: 69.968+/-31.476 χ^2/NDF : 10.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.031+/-29.954 χ^2/NDF : 14.1/13

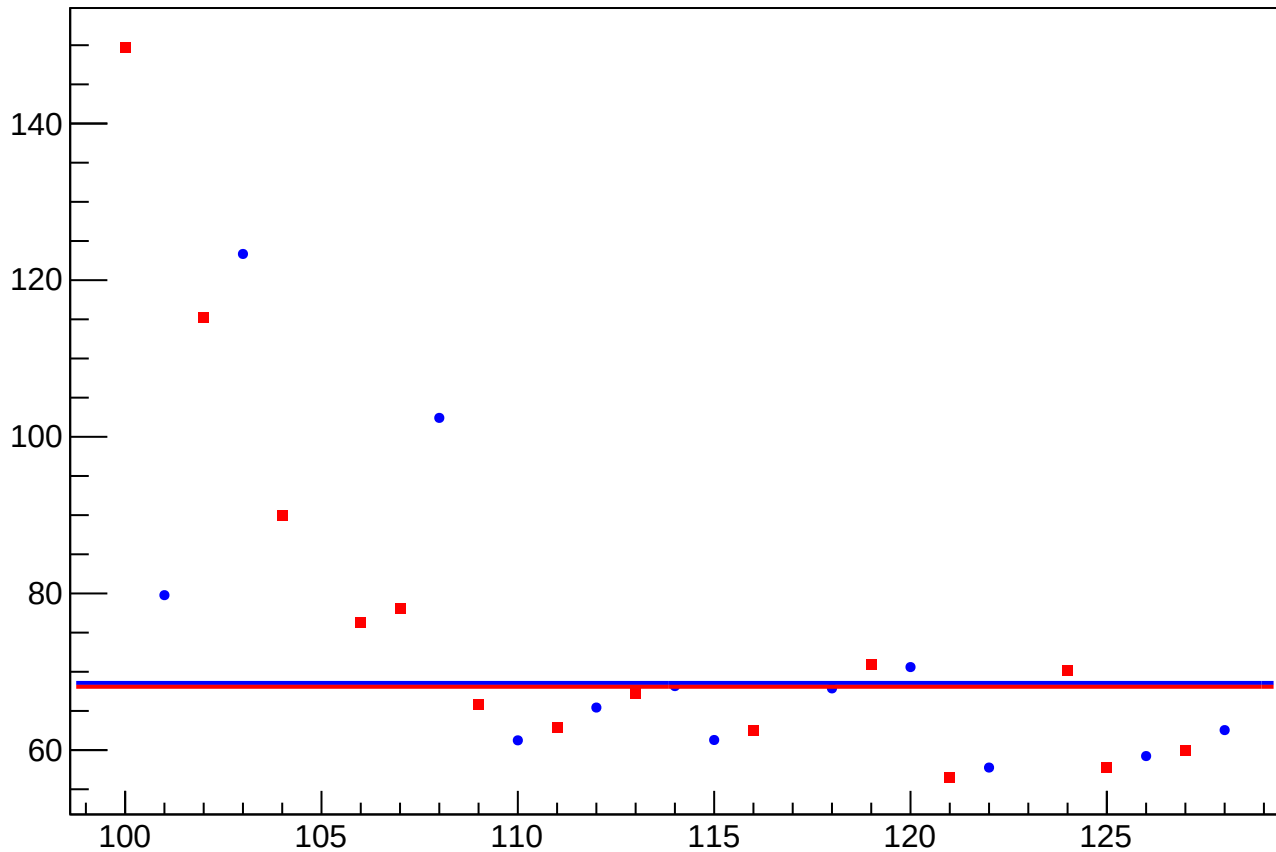
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.413+/-21.699 χ^2/NDF : 28.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_13_57_dd_rms vs Slug



Right In: 68.577+/-0.022 χ^2/NDF : 421457.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.085+/-0.021 χ^2/NDF : 415857.1/13

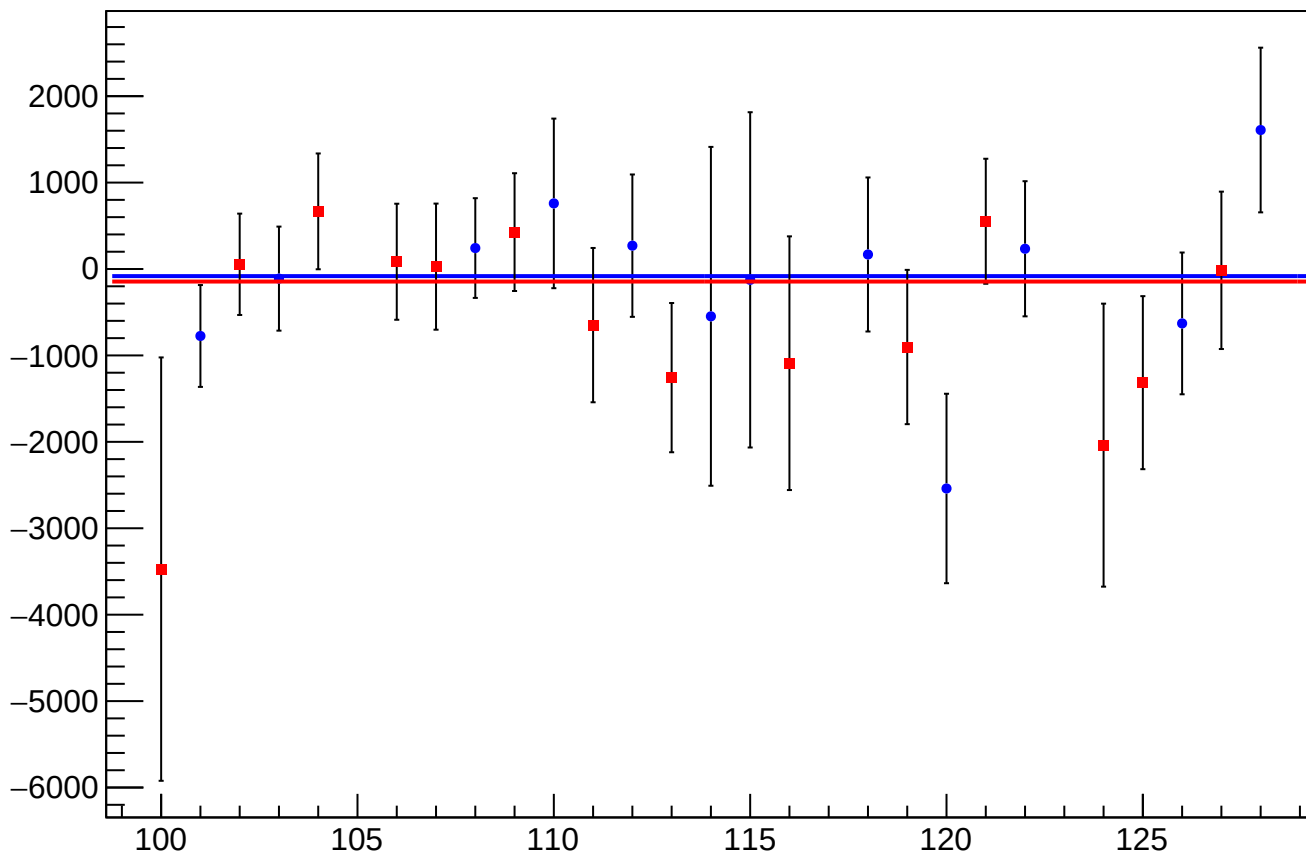
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.319+/-0.015 χ^2/NDF : 837570.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_eigen_dit_correction_mean vs Slug



Right In: -82.355+/-235.734 χ^2/NDF : 11.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -145.031+/-221.641 χ^2/NDF : 11.1/13

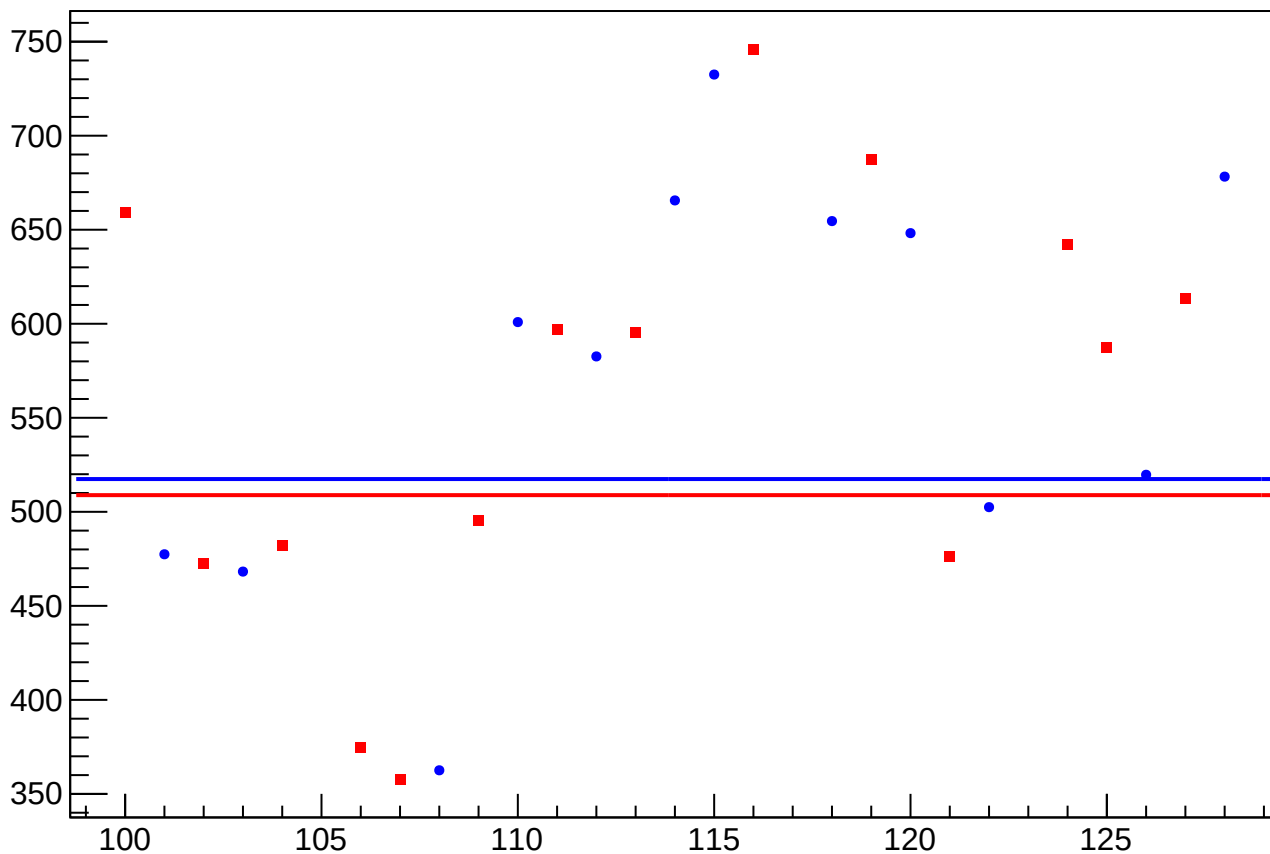
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -115.623+/-161.476 χ^2/NDF : 22.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_eigen_dit_correction_rms vs Slug



Right In: 517.424+/-0.167 χ^2/NDF : 363209.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

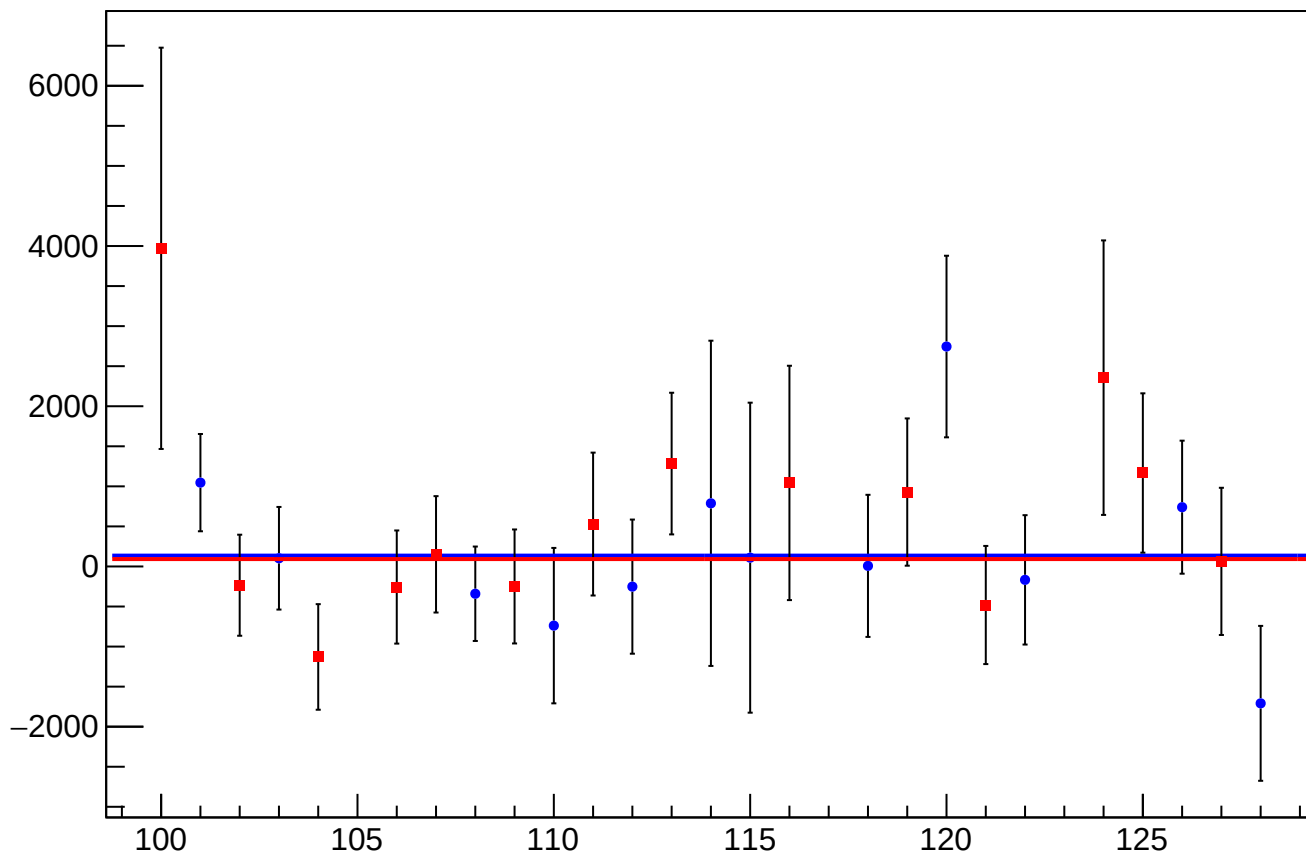
Right Out: 508.869+/-0.157 χ^2/NDF : 412730.8/13

All: 512.883+/-0.114 χ^2/NDF : 777338.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_mean vs Slug



Right In: 135.352 $\pm$ 241.599 χ^2 /NDF: 13.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 92.235 $\pm$ 226.947 χ^2 /NDF: 13.4/13

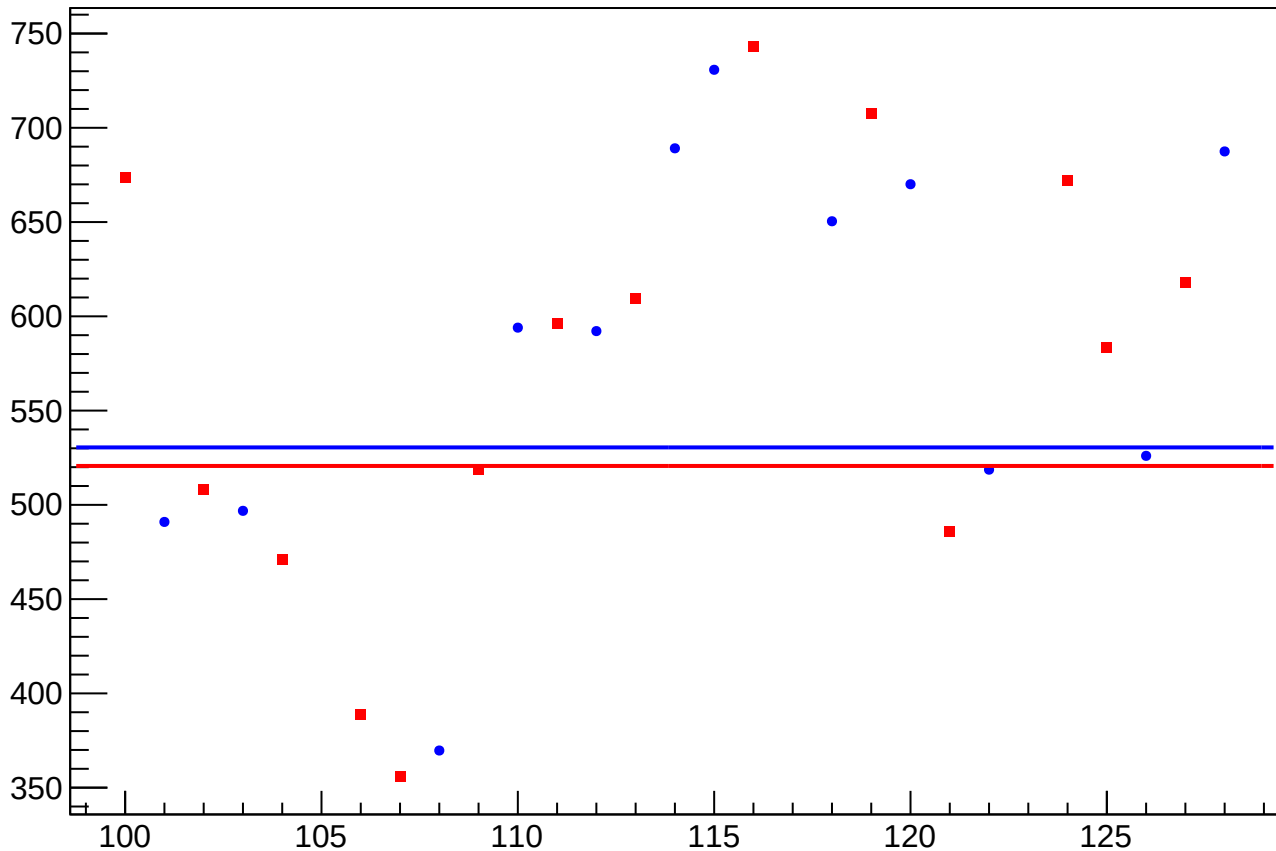
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 112.447 $\pm$ 165.413 χ^2 /NDF: 27.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_rms vs Slug



Right In: 530.473+/-0.171 χ^2/NDF : 336061.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 520.637+/-0.160 χ^2/NDF : 406509.2/13

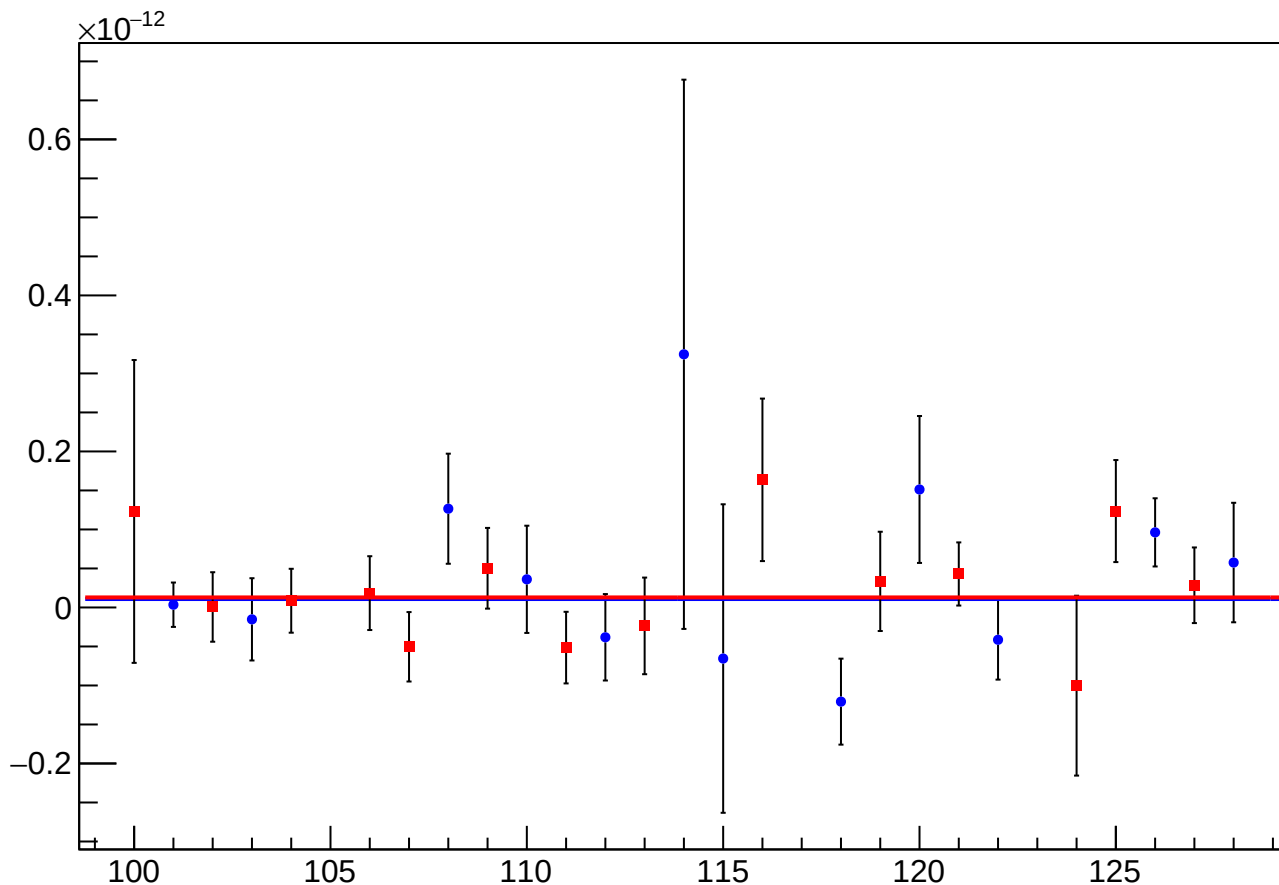
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 525.248+/-0.117 χ^2/NDF : 744331.1/25

- 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+/-0.000 χ^2/NDF : 18.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.0/13

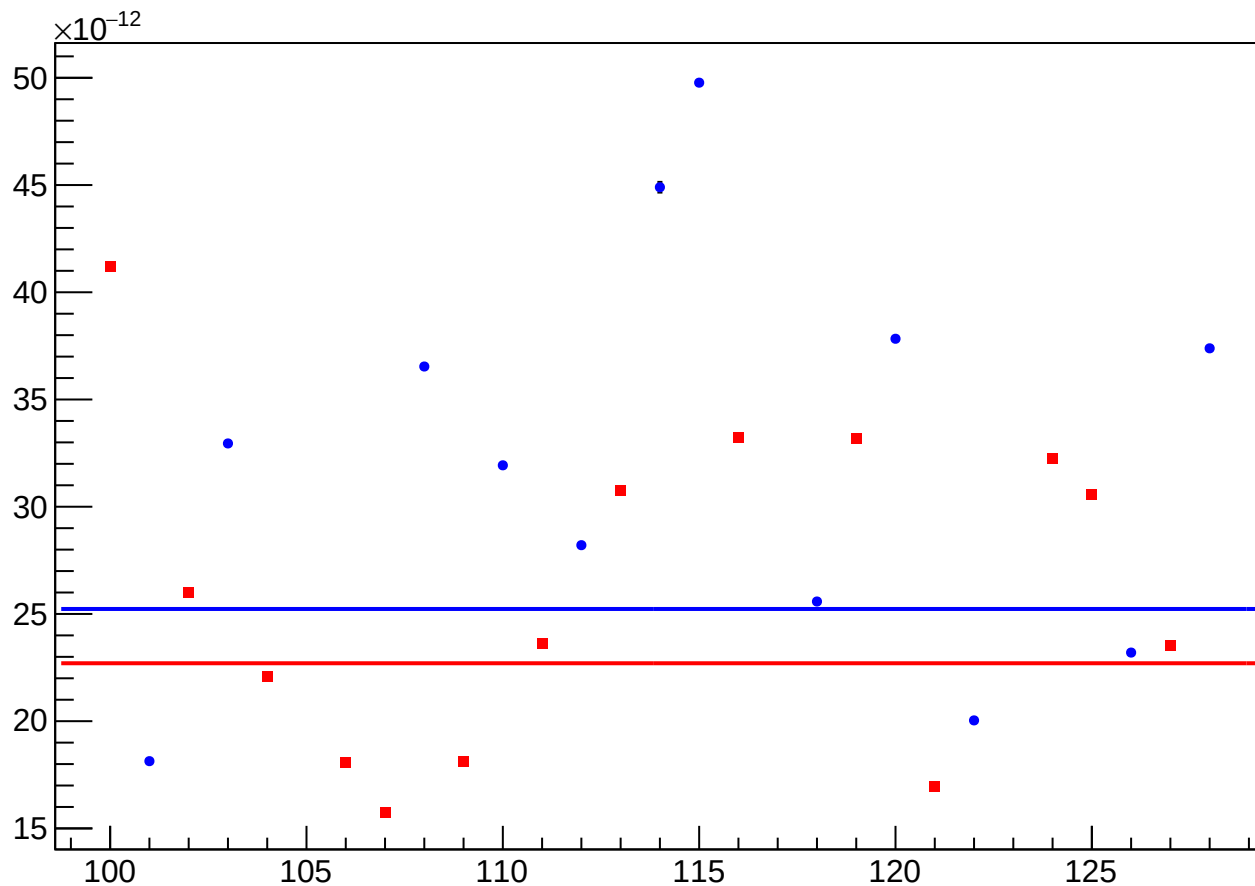
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.0/25

- sign 0.000+/-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 : 391807.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 306455.8/13

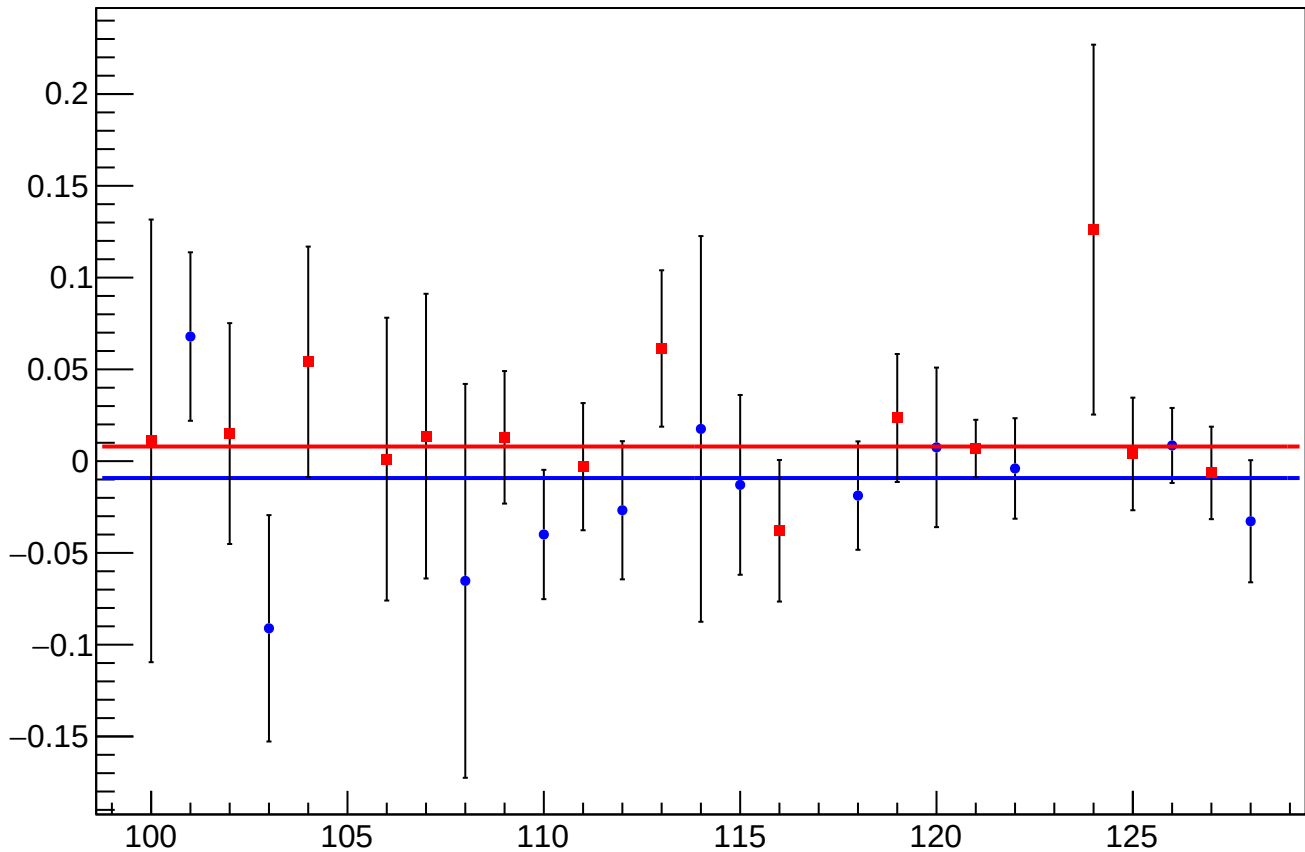
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 725968.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.009 $\pm$ 0.010 χ^2 /NDF: 7.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.008 $\pm$ 0.009 χ^2 /NDF: 5.6/13

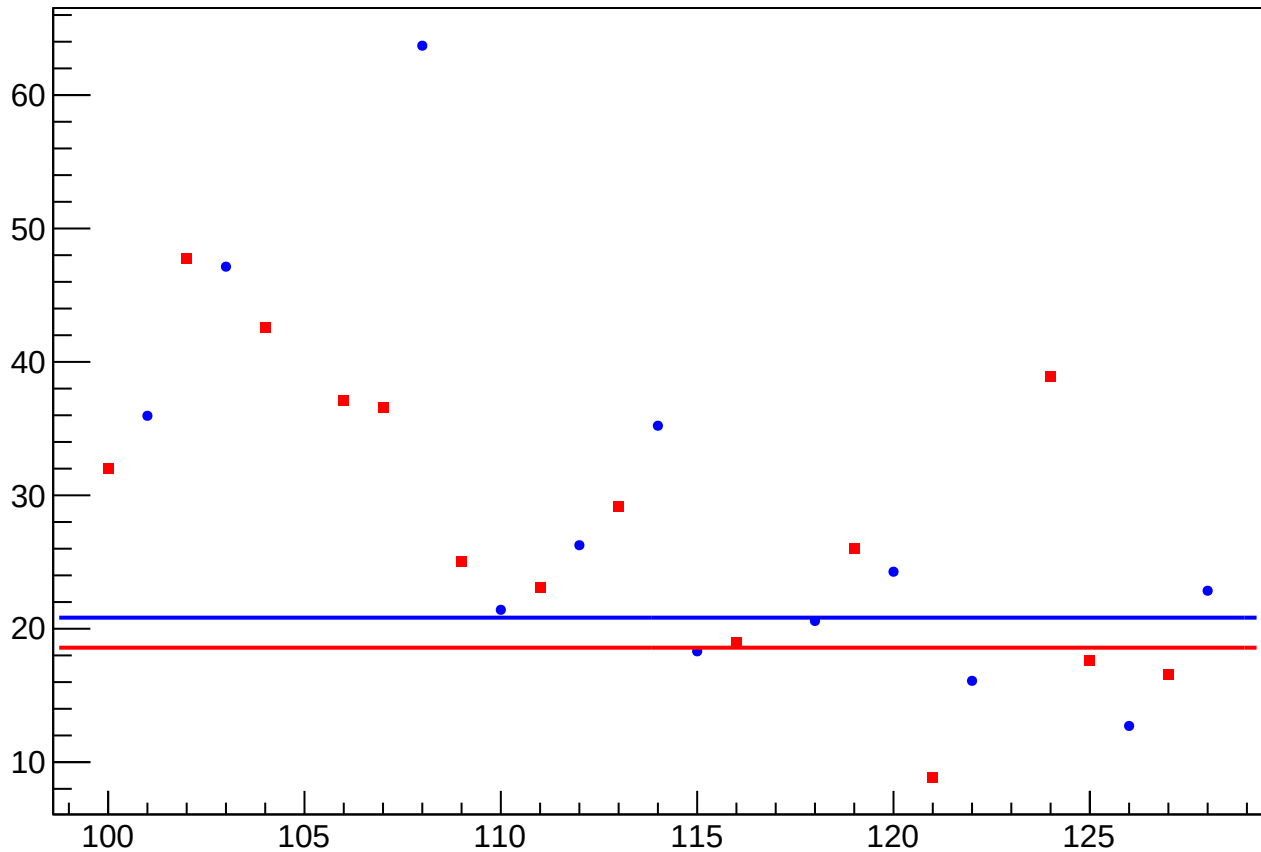
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.007 χ^2 /NDF: 14.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_dit_vs_cor_diff_rms vs Slug



Right In: 20.831+/-0.007 χ^2/NDF : 1380830.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.579+/-0.007 χ^2/NDF : 2196413.2/13

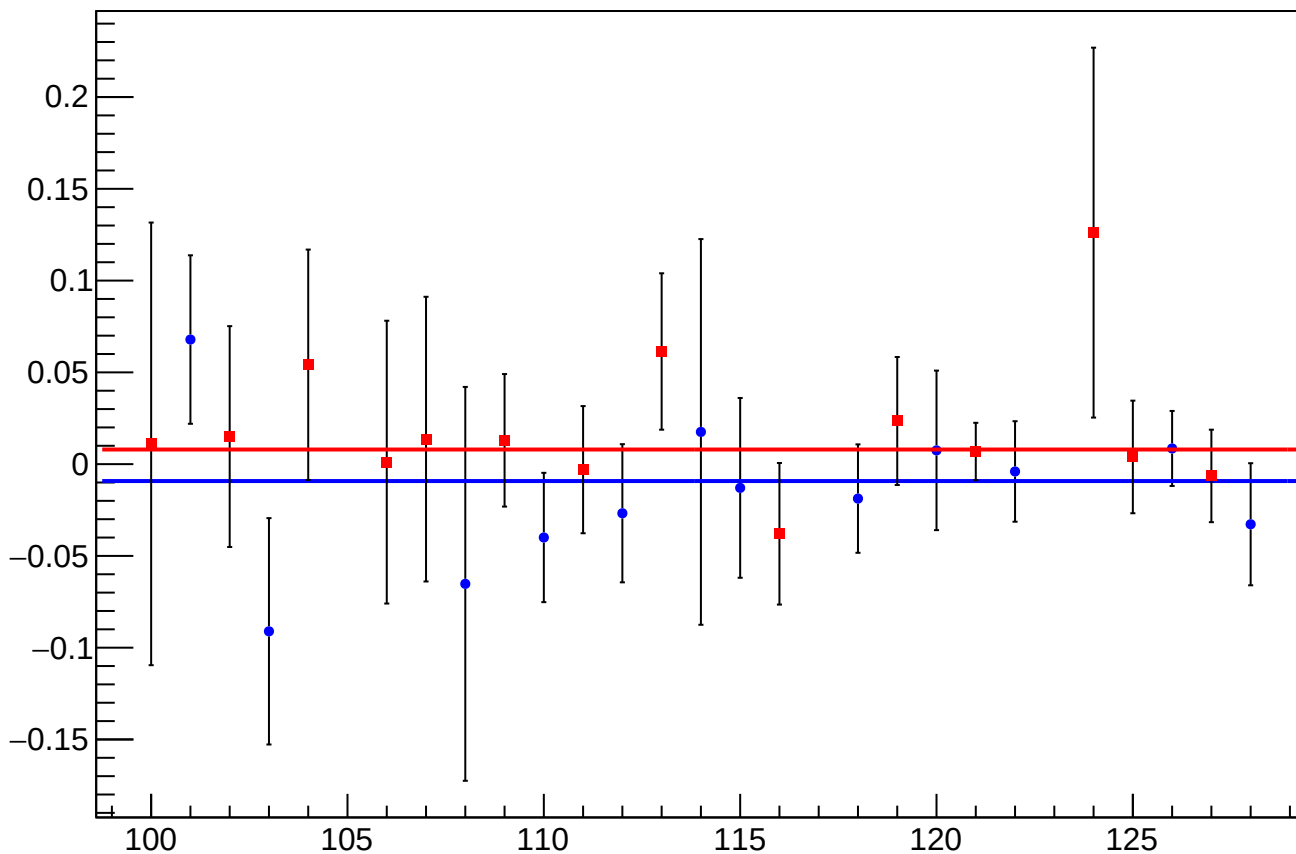
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.581+/-0.005 χ^2/NDF : 3628746.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.009 $\pm$ 0.010 χ^2 /NDF: 7.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.008 $\pm$ 0.009 χ^2 /NDF: 5.6/13

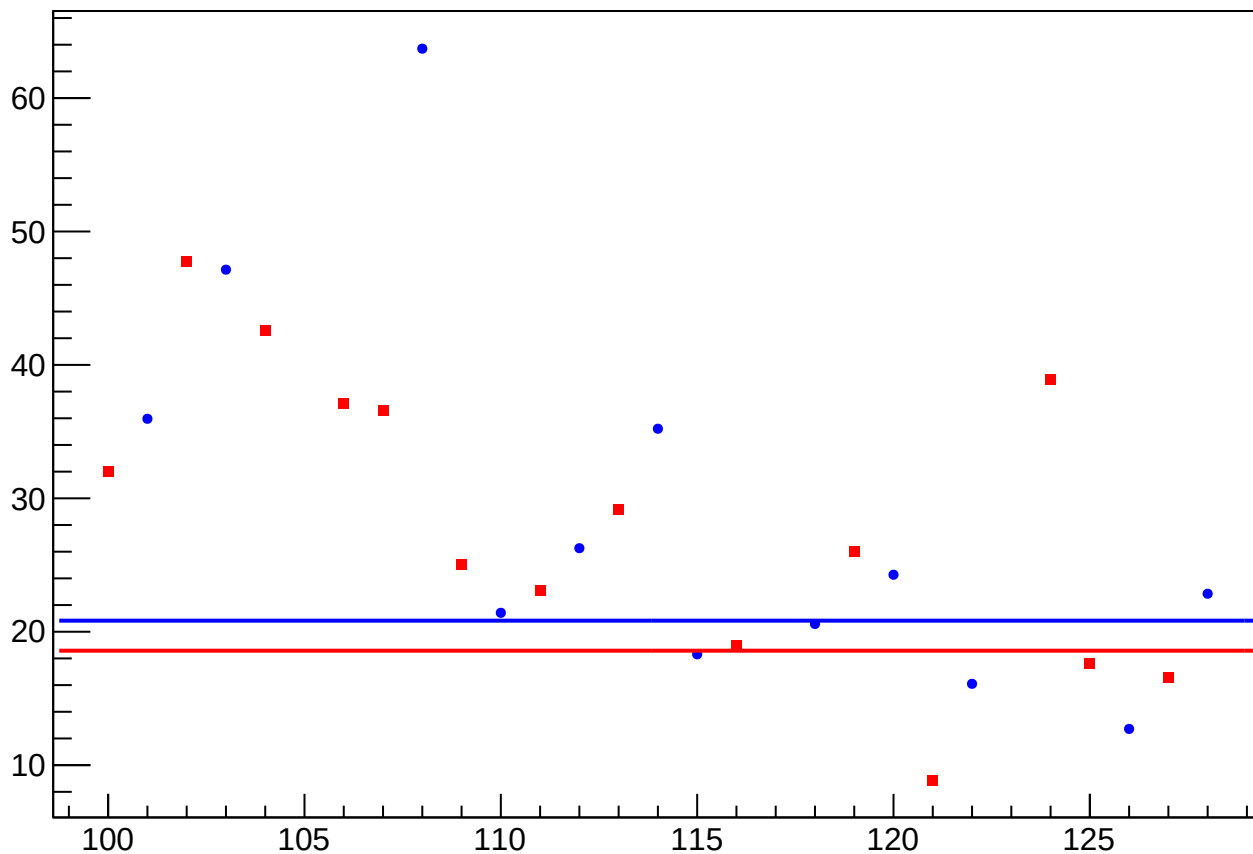
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.007 χ^2 /NDF: 14.5/25

- 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: 20.831+/-0.007 χ^2/NDF : 1380830.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.579+/-0.007 χ^2/NDF : 2196413.2/13

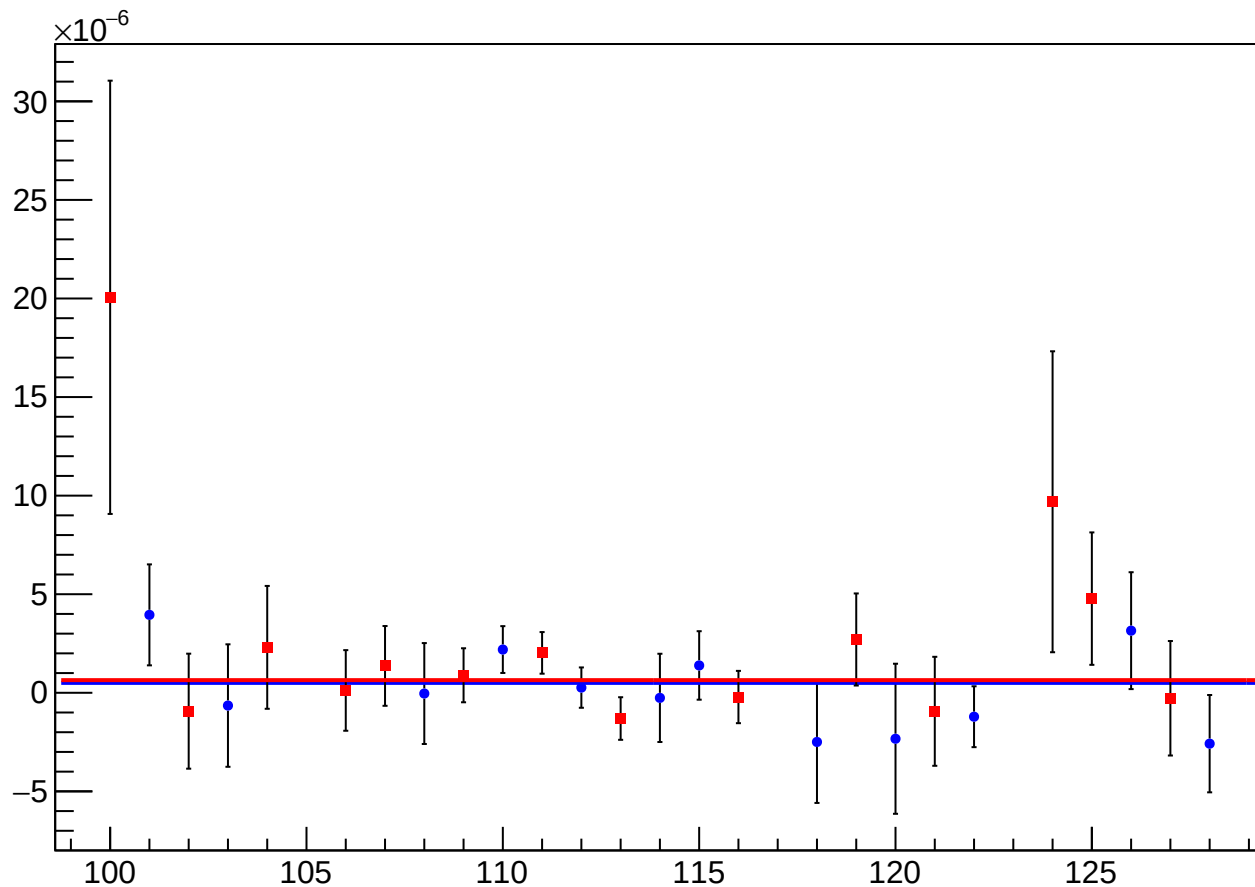
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.581+/-0.005 χ^2/NDF : 3628746.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.4/13

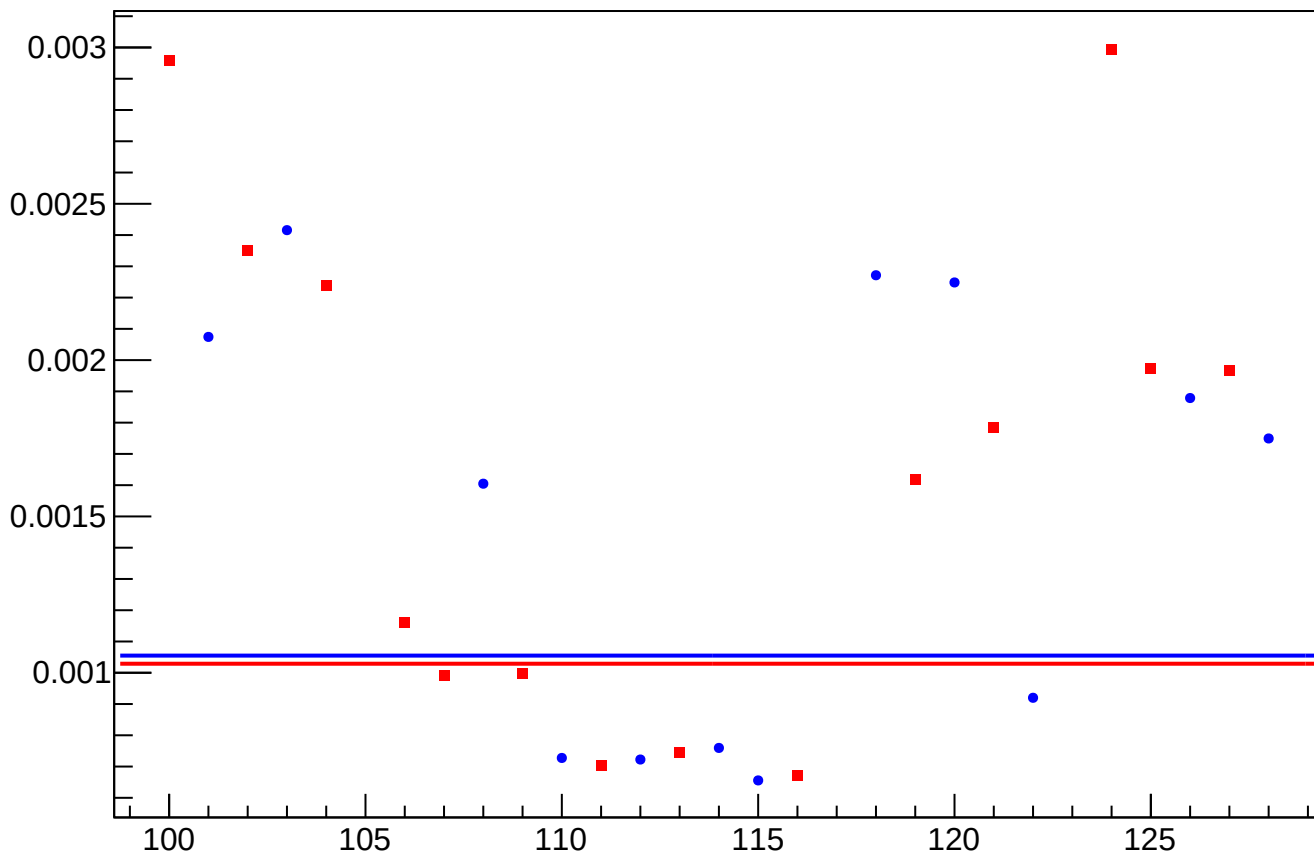
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 2131040.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2029333.0/13

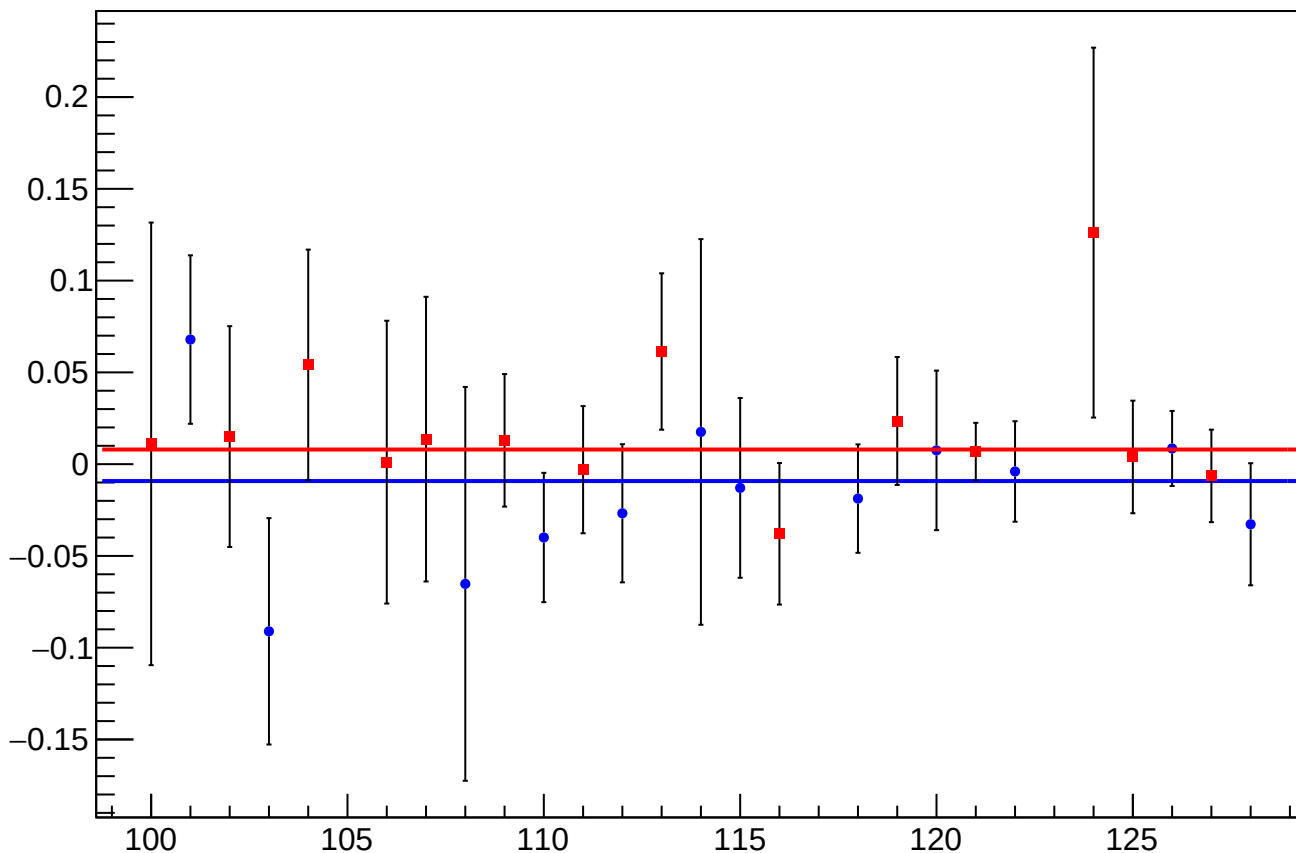
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4162914.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.009 $\pm$ 0.010 χ^2 /NDF: 7.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.008 $\pm$ 0.009 χ^2 /NDF: 5.6/13

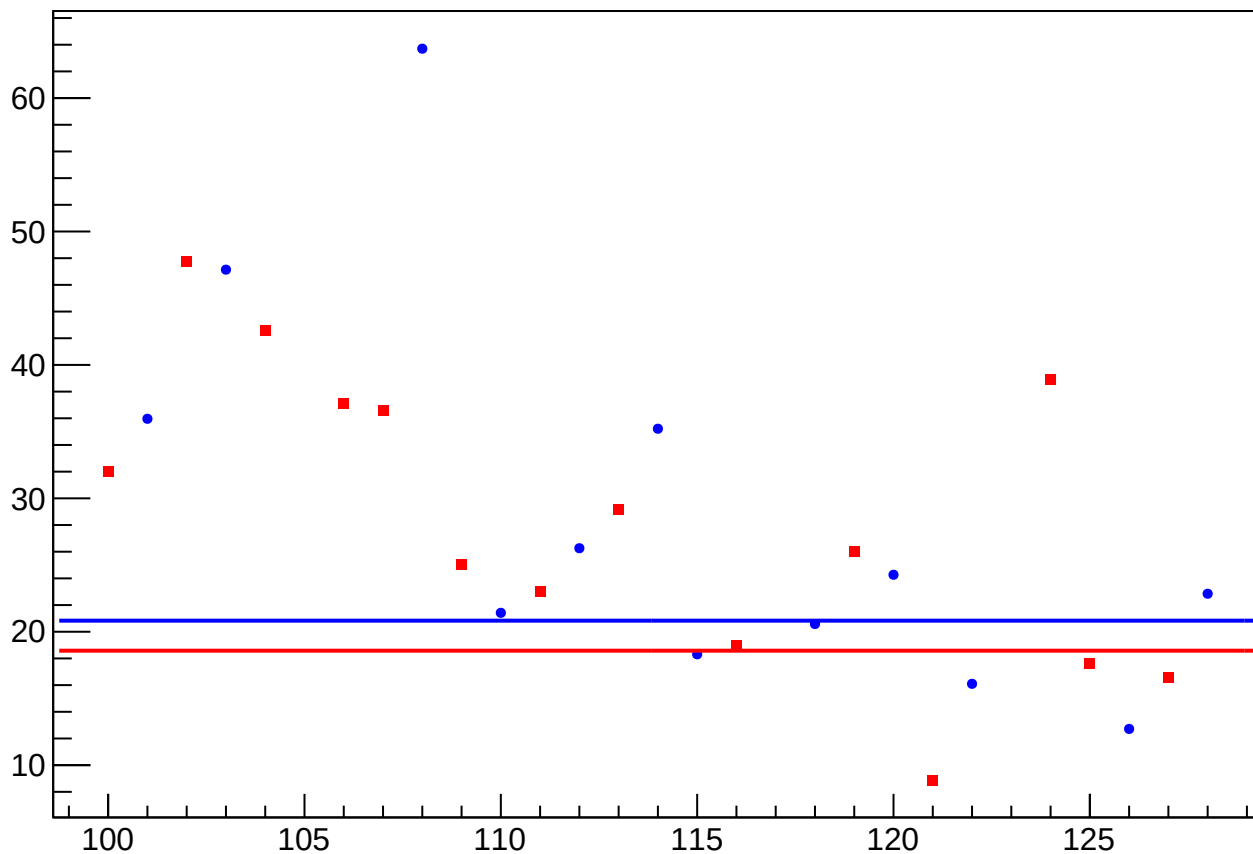
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.007 χ^2 /NDF: 14.5/25

- 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: 20.832+/-0.007 χ^2/NDF : 1380682.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.580+/-0.007 χ^2/NDF : 2196114.8/13

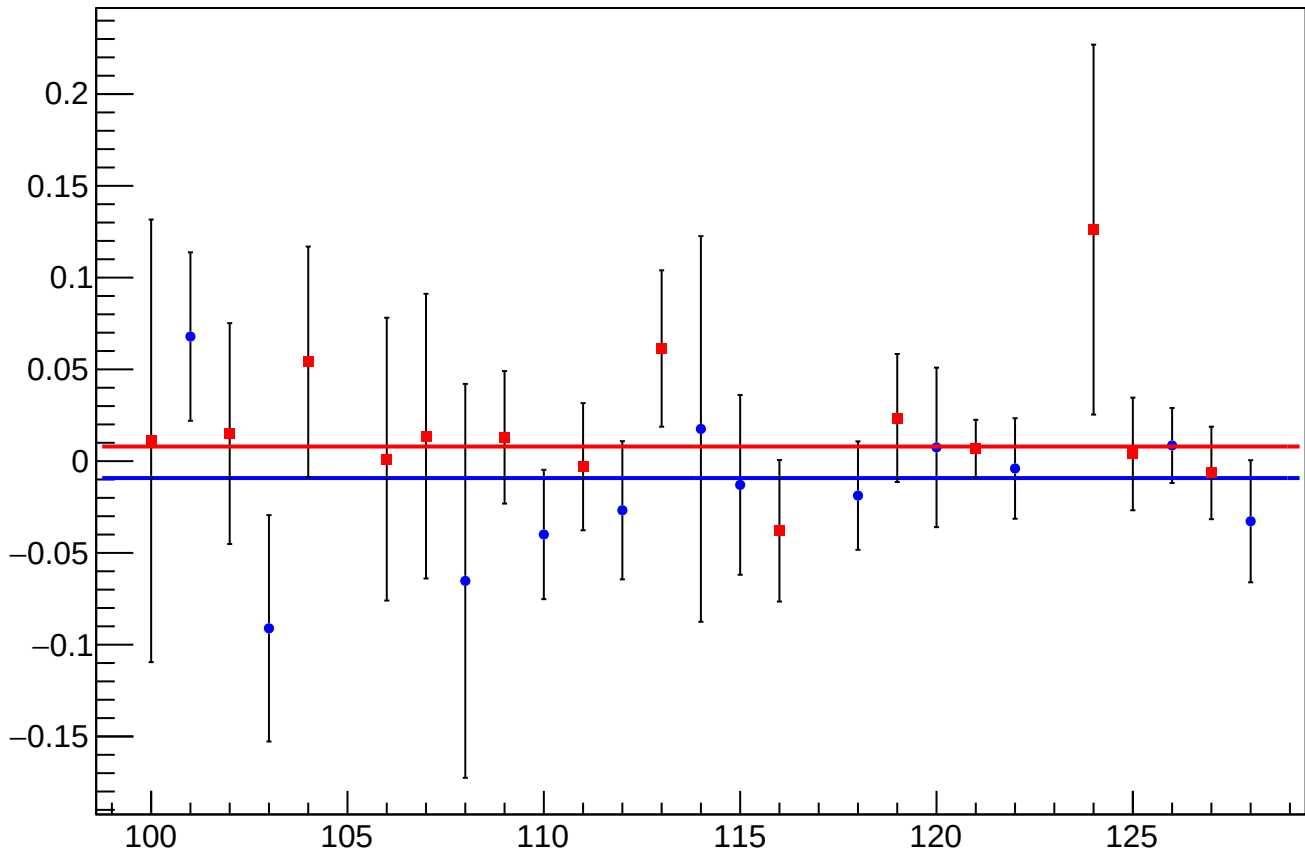
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.582+/-0.005 χ^2/NDF : 3628281.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.009 $\pm$ 0.010 χ^2 /NDF: 7.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.008 $\pm$ 0.009 χ^2 /NDF: 5.6/13

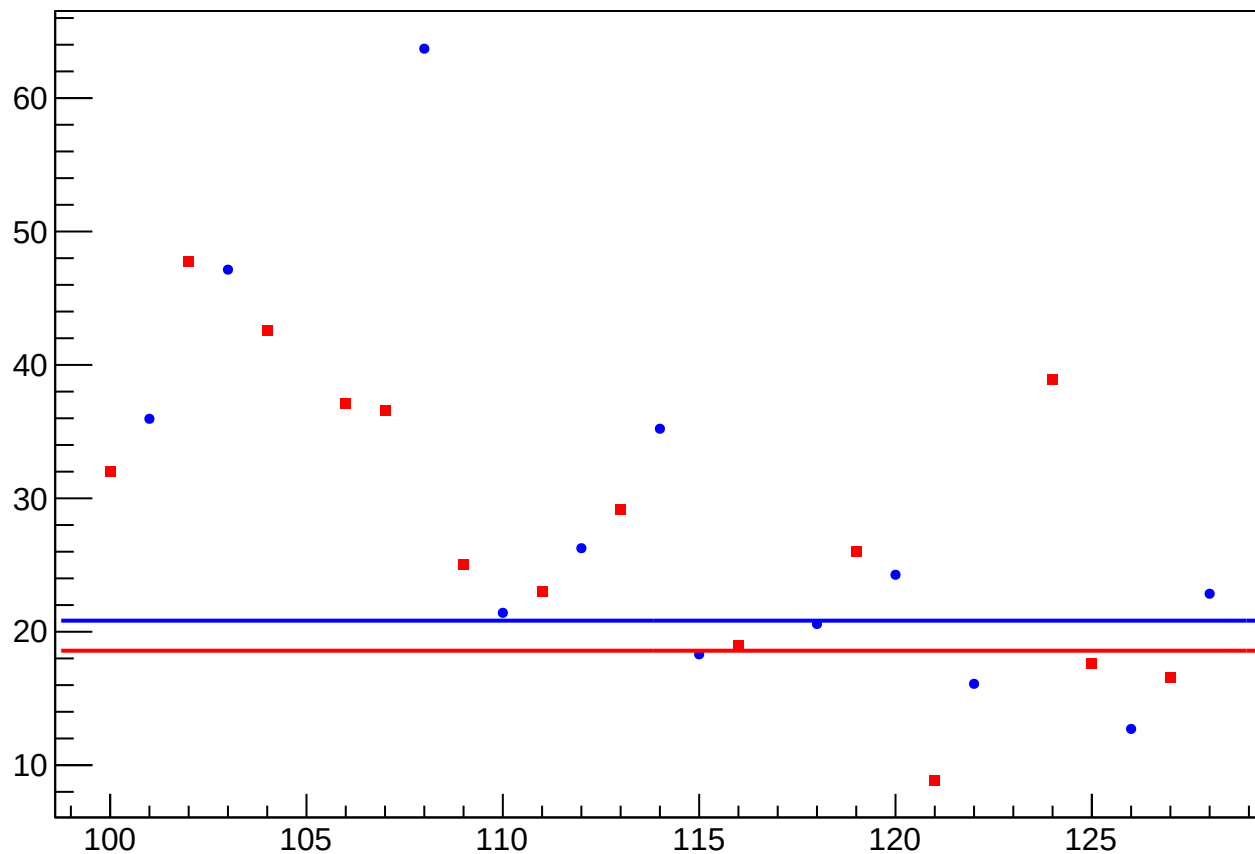
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.007 χ^2 /NDF: 14.5/25

- 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: 20.832+/-0.007 χ^2/NDF : 1380682.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.580+/-0.007 χ^2/NDF : 2196114.8/13

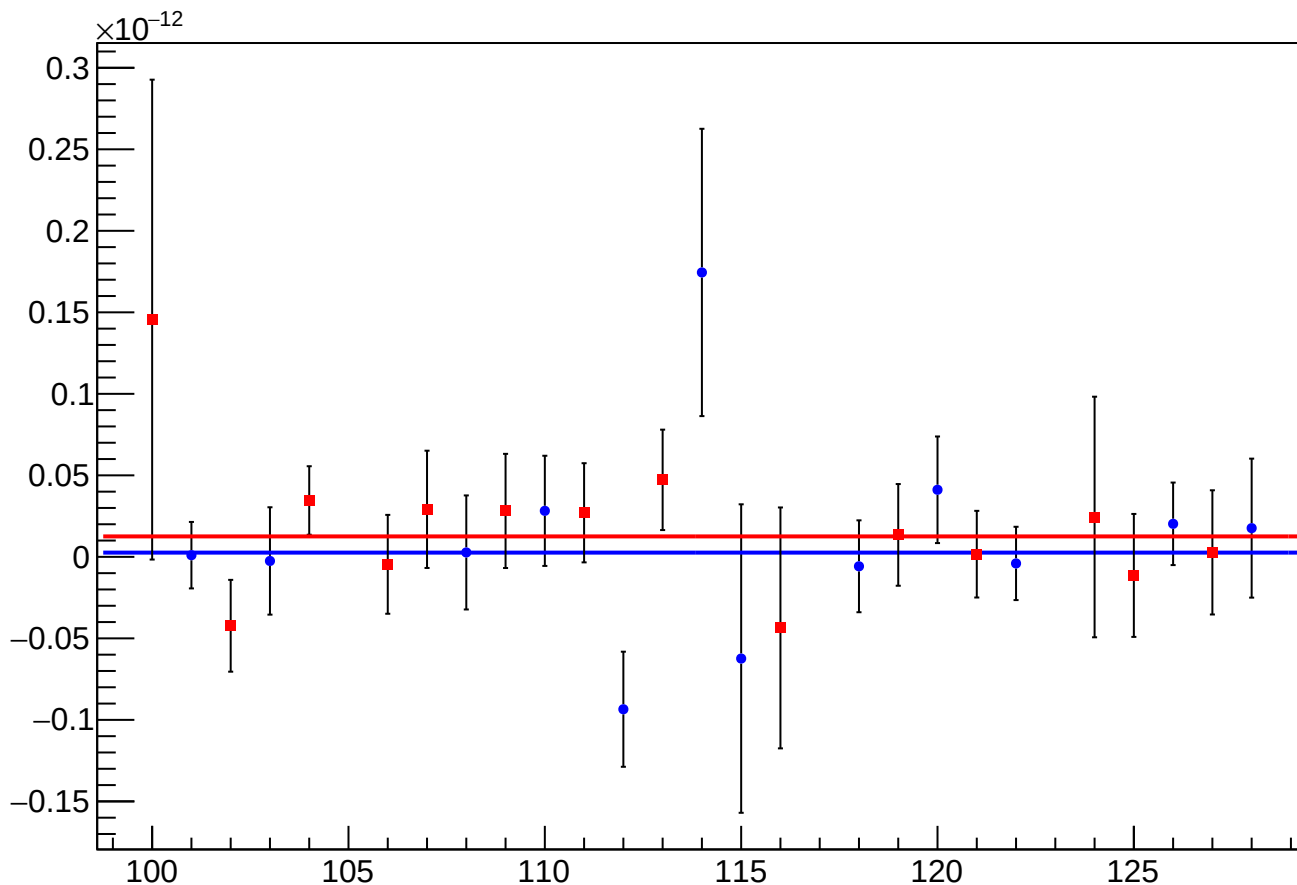
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.582+/-0.005 χ^2/NDF : 3628281.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.2/13

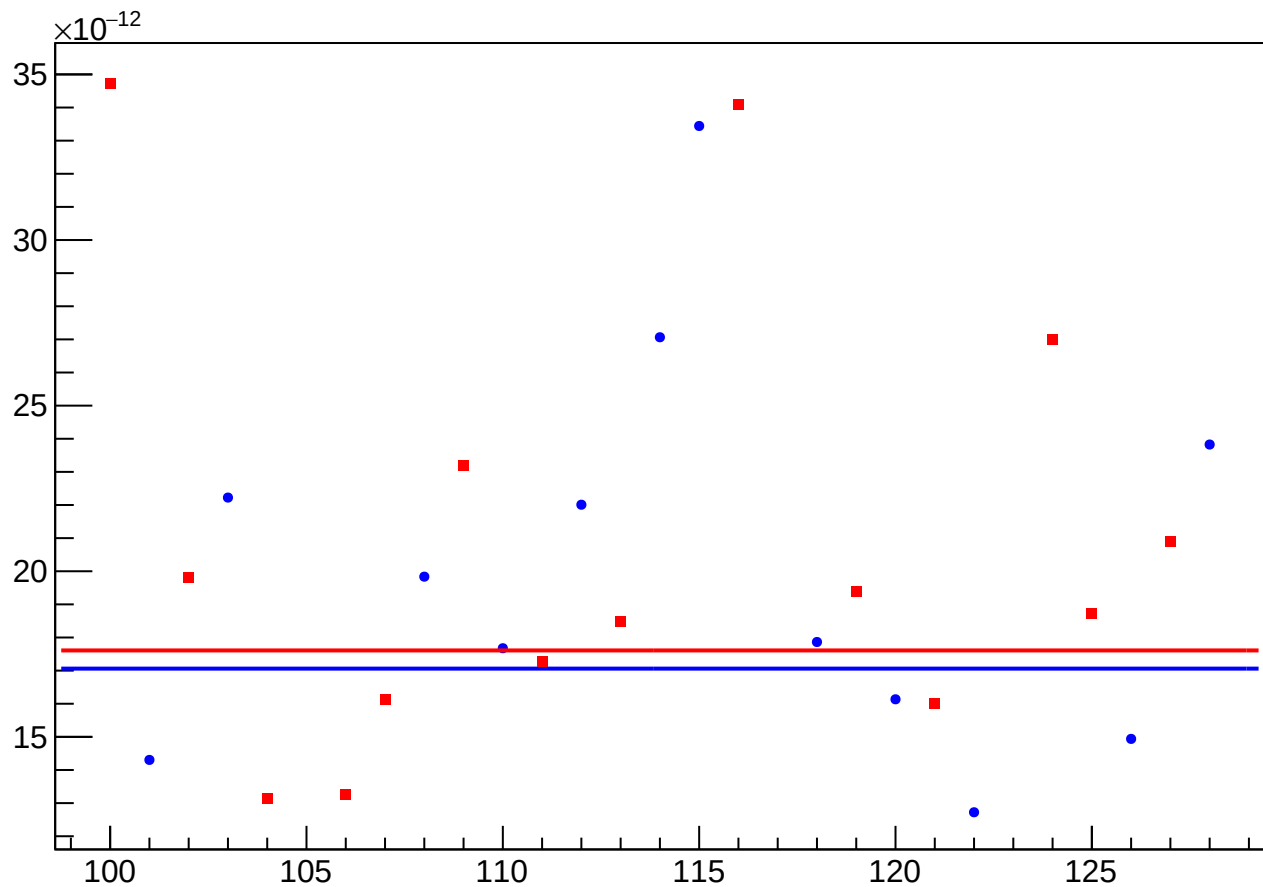
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 24.3/25

- 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 : 366090.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 389557.9/13

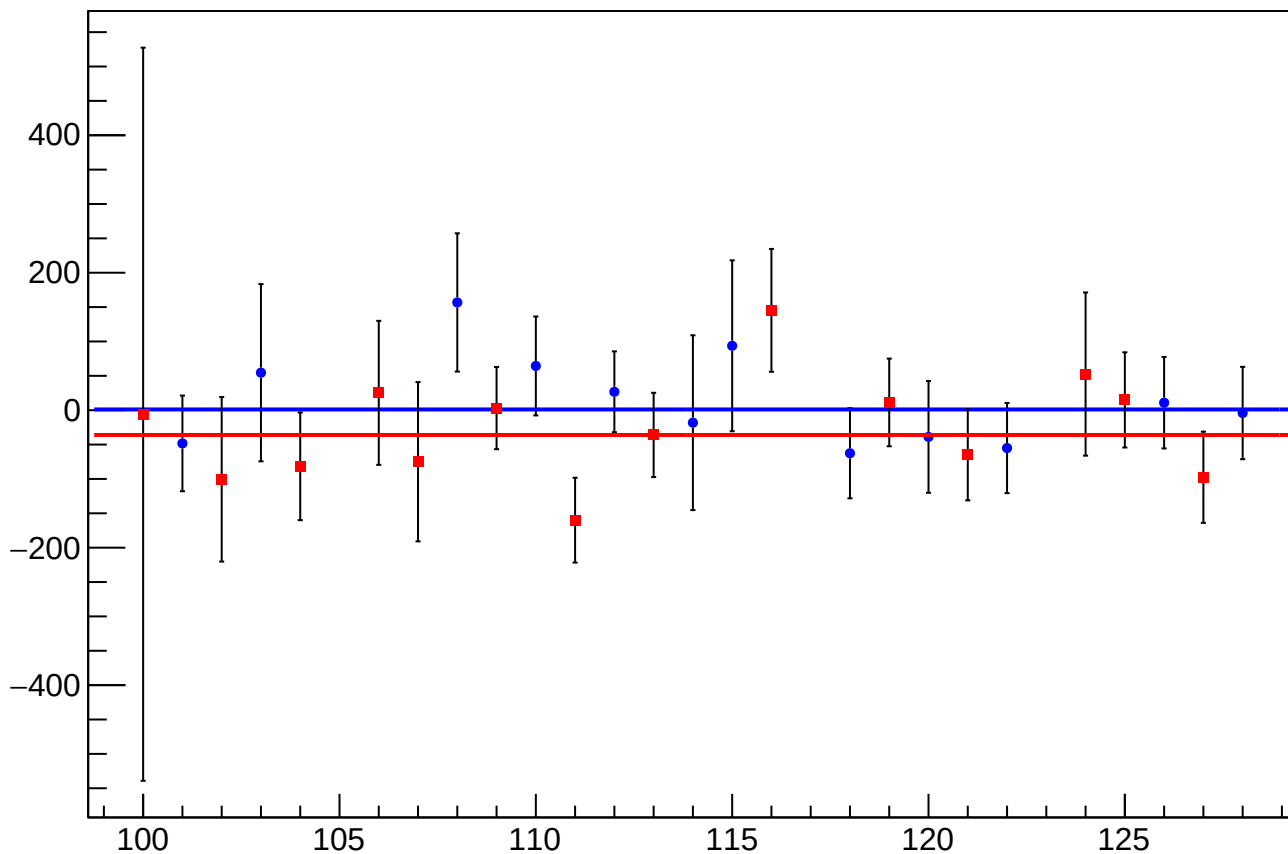
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 759406.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_mean vs Slug



Right In: 1.090 ± 22.154 $\chi^2/\text{NDF}: 6.6/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -36.063 ± 20.780 $\chi^2/\text{NDF}: 12.4/13$

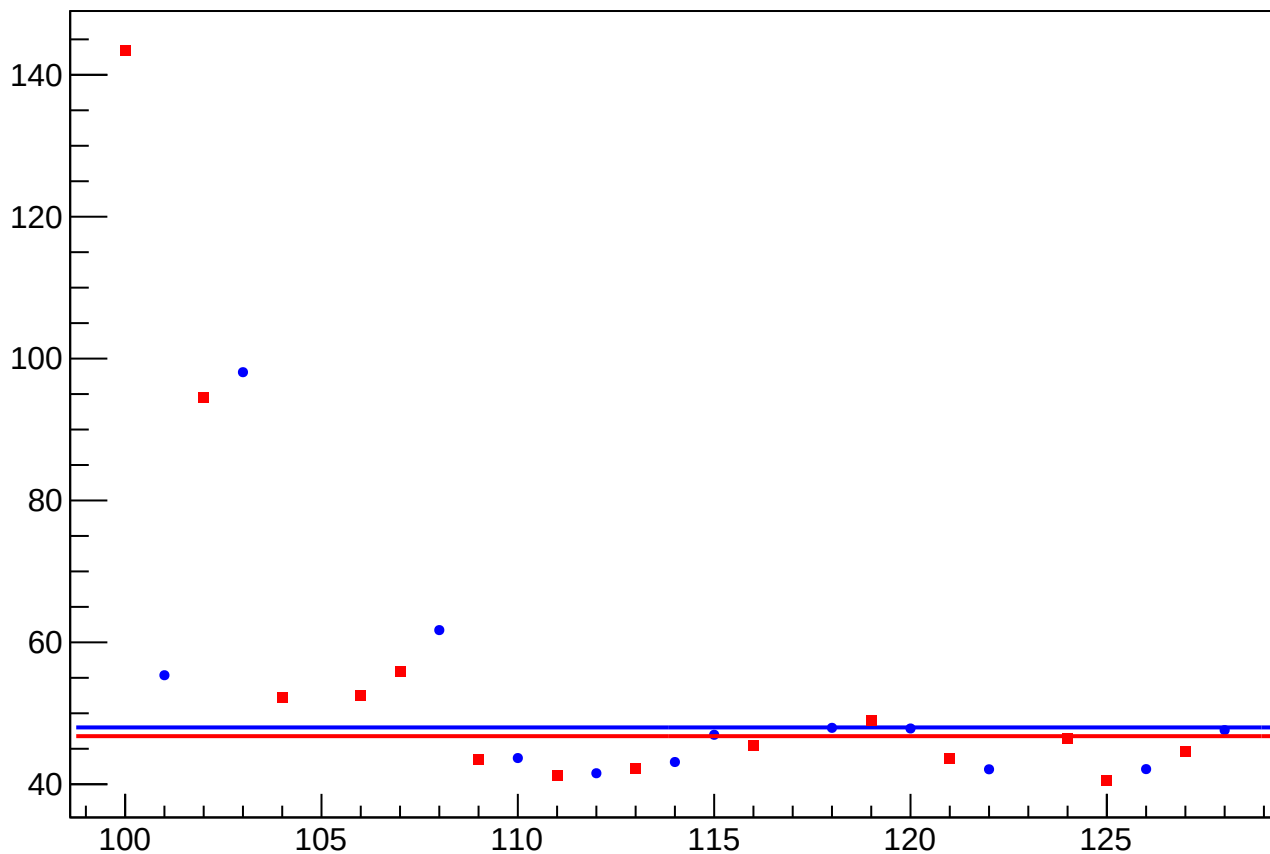
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -18.674 ± 15.156 $\chi^2/\text{NDF}: 20.4/25$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_15_37_dd_rms vs Slug



Right In: 48.009 $\pm$ 0.016 χ^2 /NDF: 427298.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 46.776 $\pm$ 0.015 χ^2 /NDF: 471981.7/13

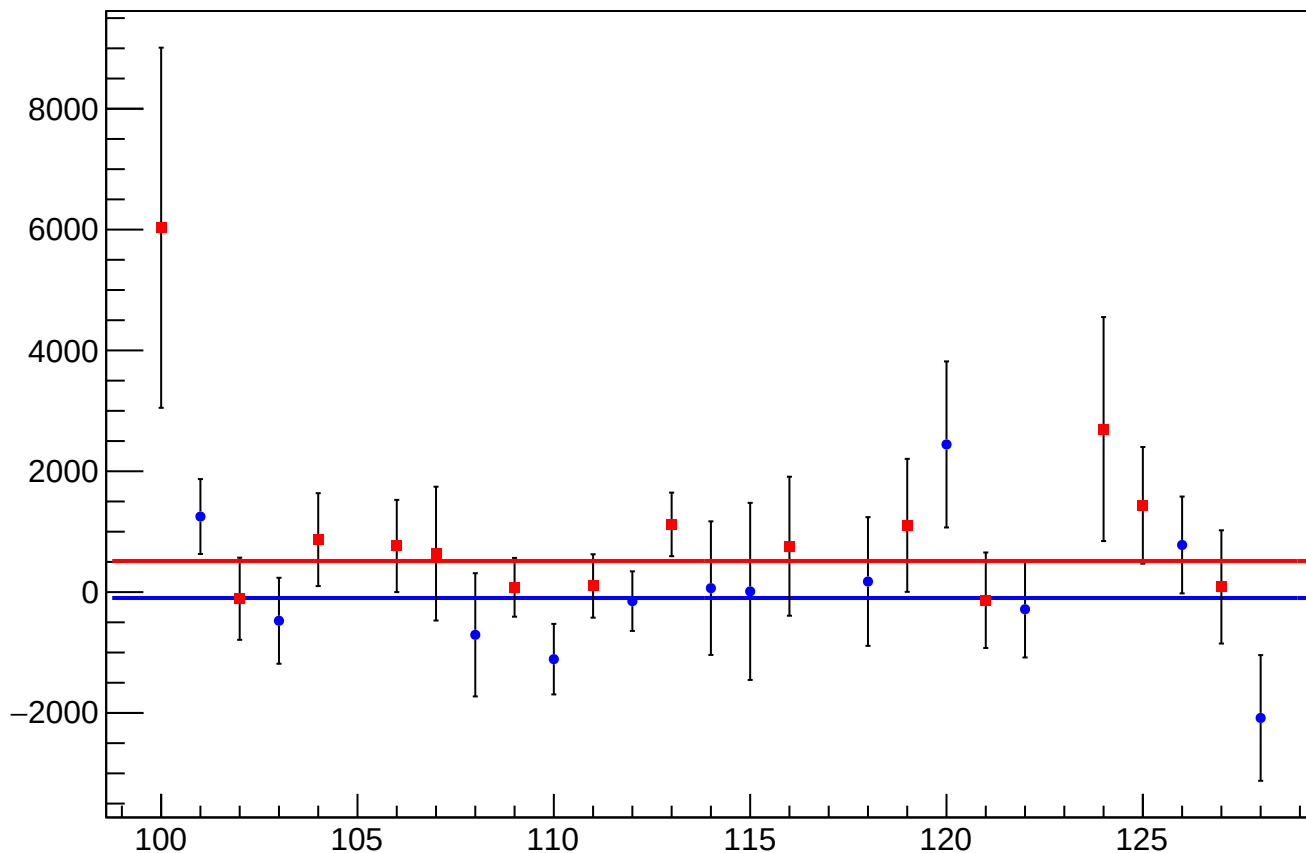
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 47.353 $\pm$ 0.011 χ^2 /NDF: 902573.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_reg_correction_mean vs Slug



Right In: -97.308 $\pm$ 227.465 χ^2 /NDF: 16.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 515.502 $\pm$ 205.575 χ^2 /NDF: 10.9/13

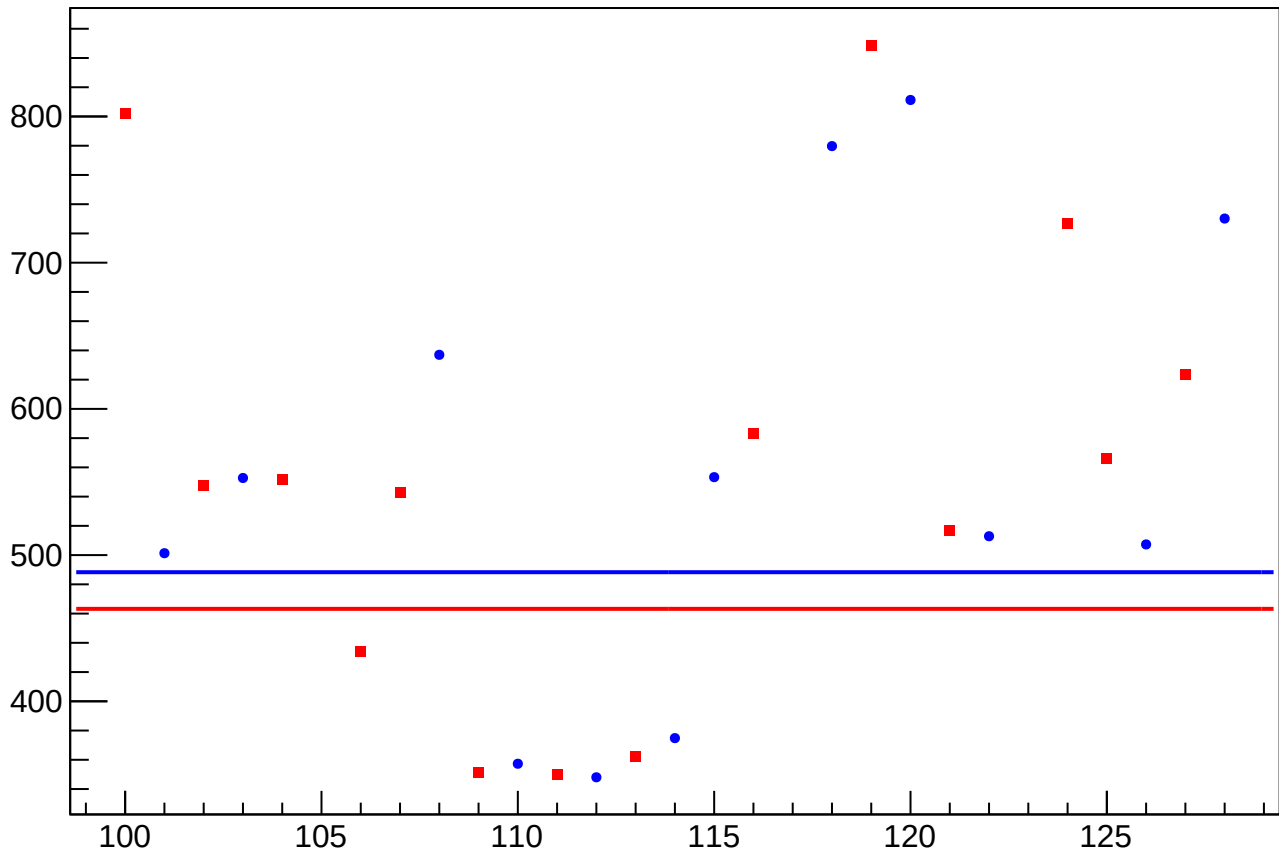
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 239.996 $\pm$ 152.517 χ^2 /NDF: 31.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_reg_correction_rms vs Slug



Right In: 488.299+/-0.161 χ^2/NDF : 718786.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 463.238+/-0.145 χ^2/NDF : 766280.6/13

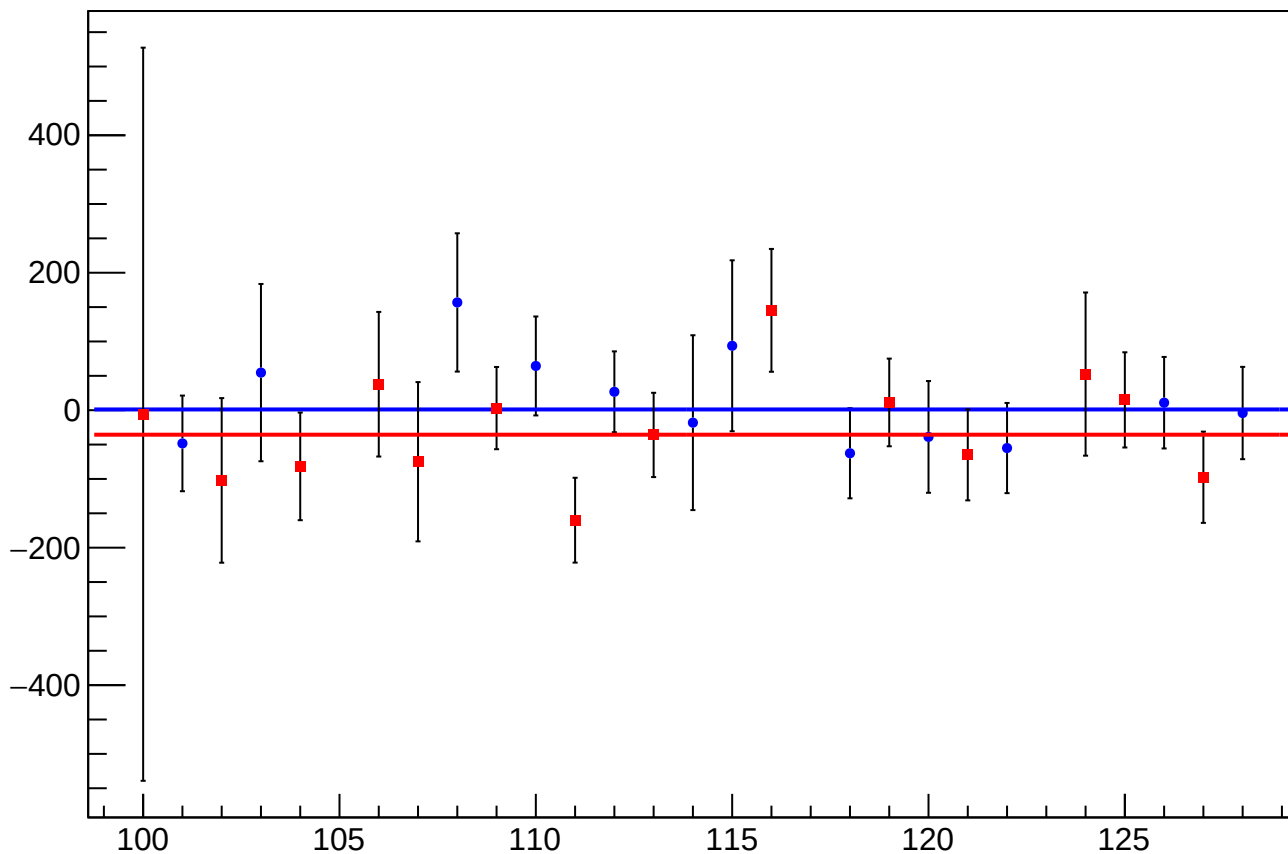
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 474.505+/-0.108 χ^2/NDF : 1498428.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_37_dd_mean vs Slug



Right In: 1.096 $\pm$ 22.154 χ^2 /NDF: 6.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -35.644 $\pm$ 20.784 χ^2 /NDF: 12.5/13

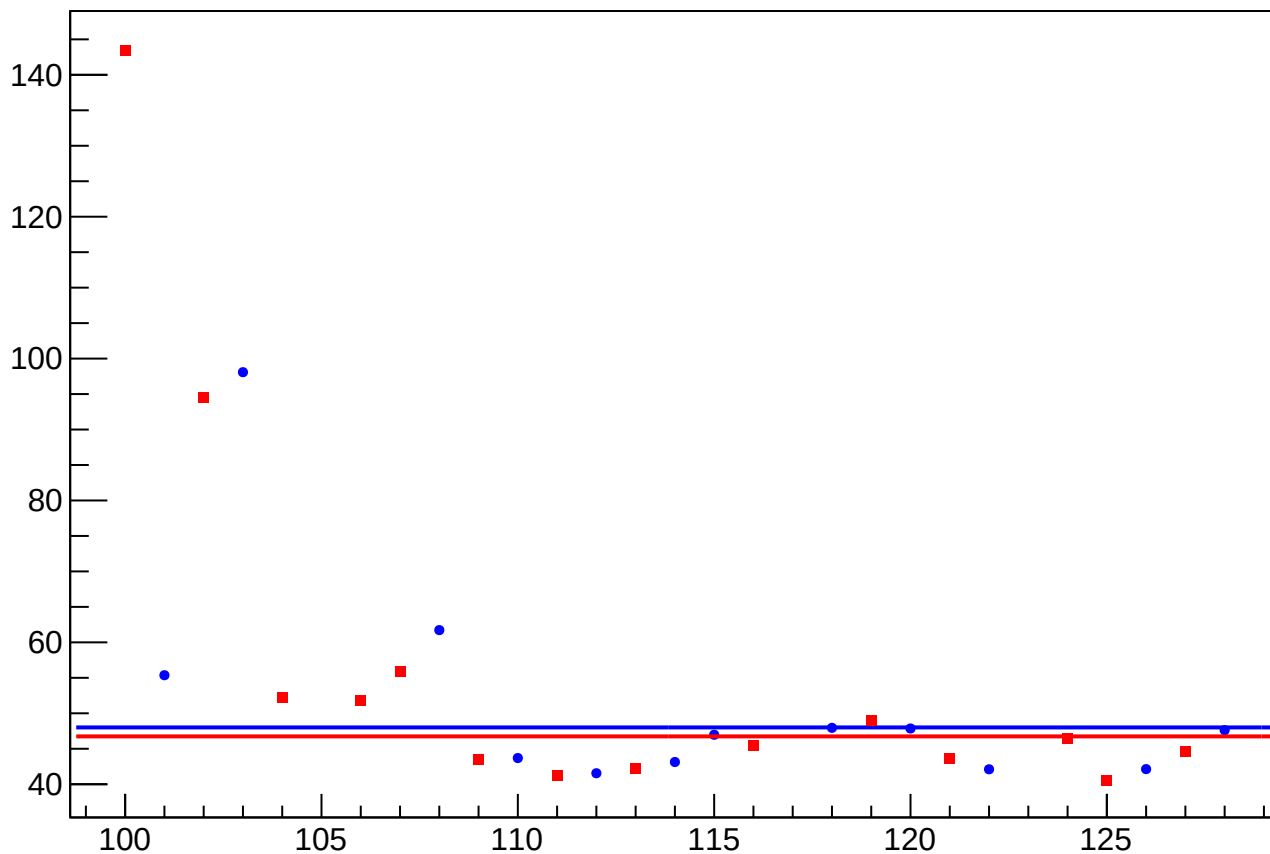
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -18.445 $\pm$ 15.158 χ^2 /NDF: 20.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_15_37_dd_rms vs Slug



Right In: 48.009+/-0.016 χ^2/NDF : 427302.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.742+/-0.015 χ^2/NDF : 470586.9/13

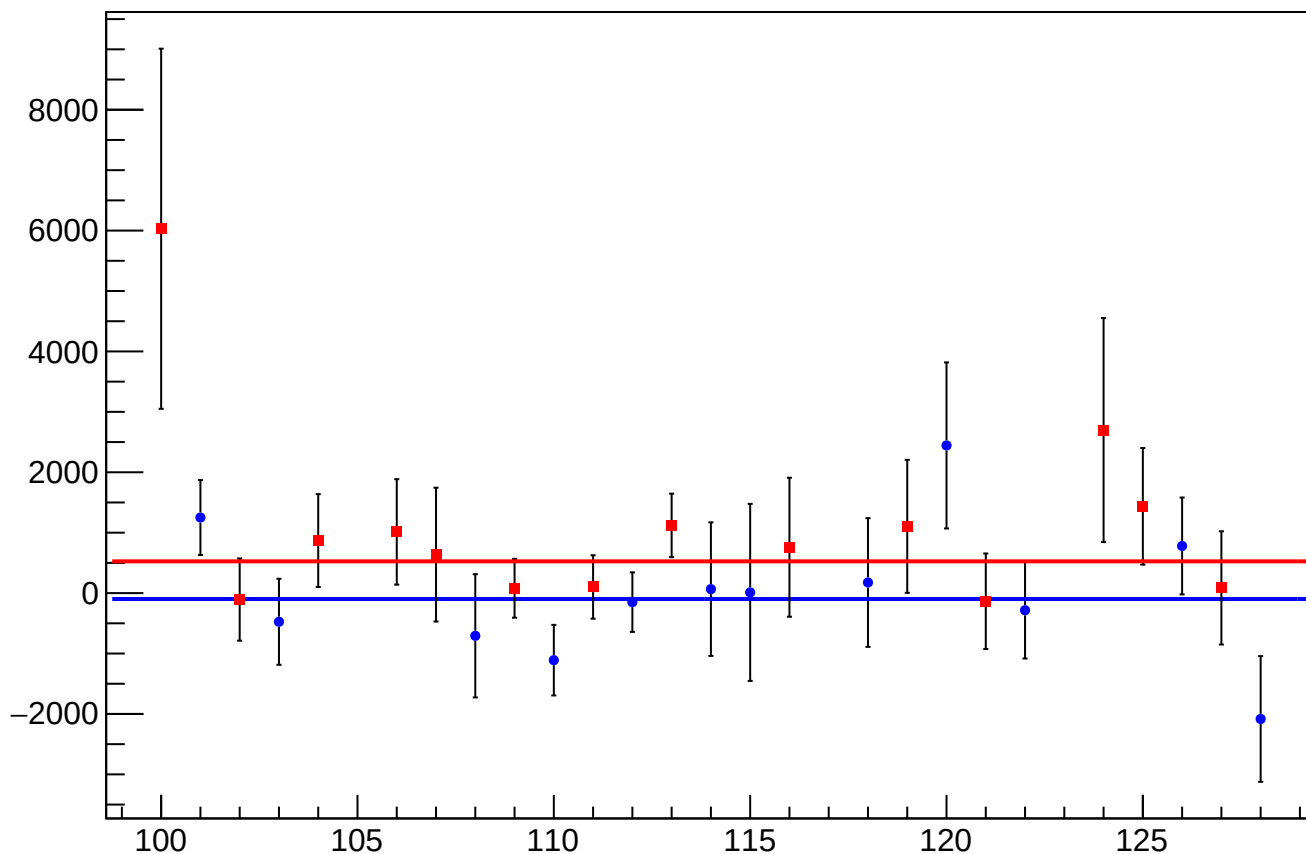
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.335+/-0.011 χ^2/NDF : 901365.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_cor_correction_mean vs Slug



Right In: -97.308 $\pm$ 227.468 χ^2 /NDF: 16.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 525.614 $\pm$ 207.378 χ^2 /NDF: 11.1/13

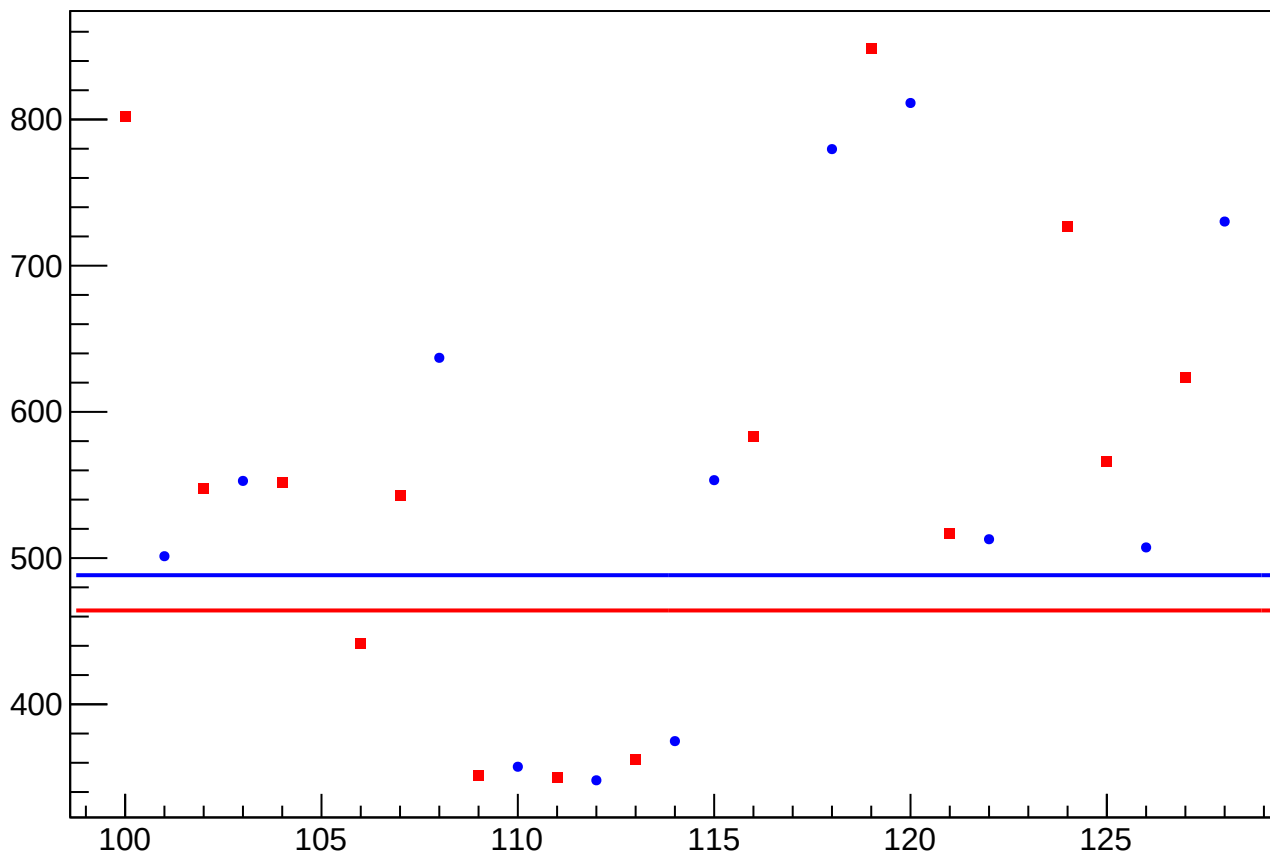
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 242.870 $\pm$ 153.250 χ^2 /NDF: 32.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_cor_correction_rms vs Slug



Right In: 488.302+/-0.161 χ^2/NDF : 718812.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 464.185+/-0.147 χ^2/NDF : 764822.9/13

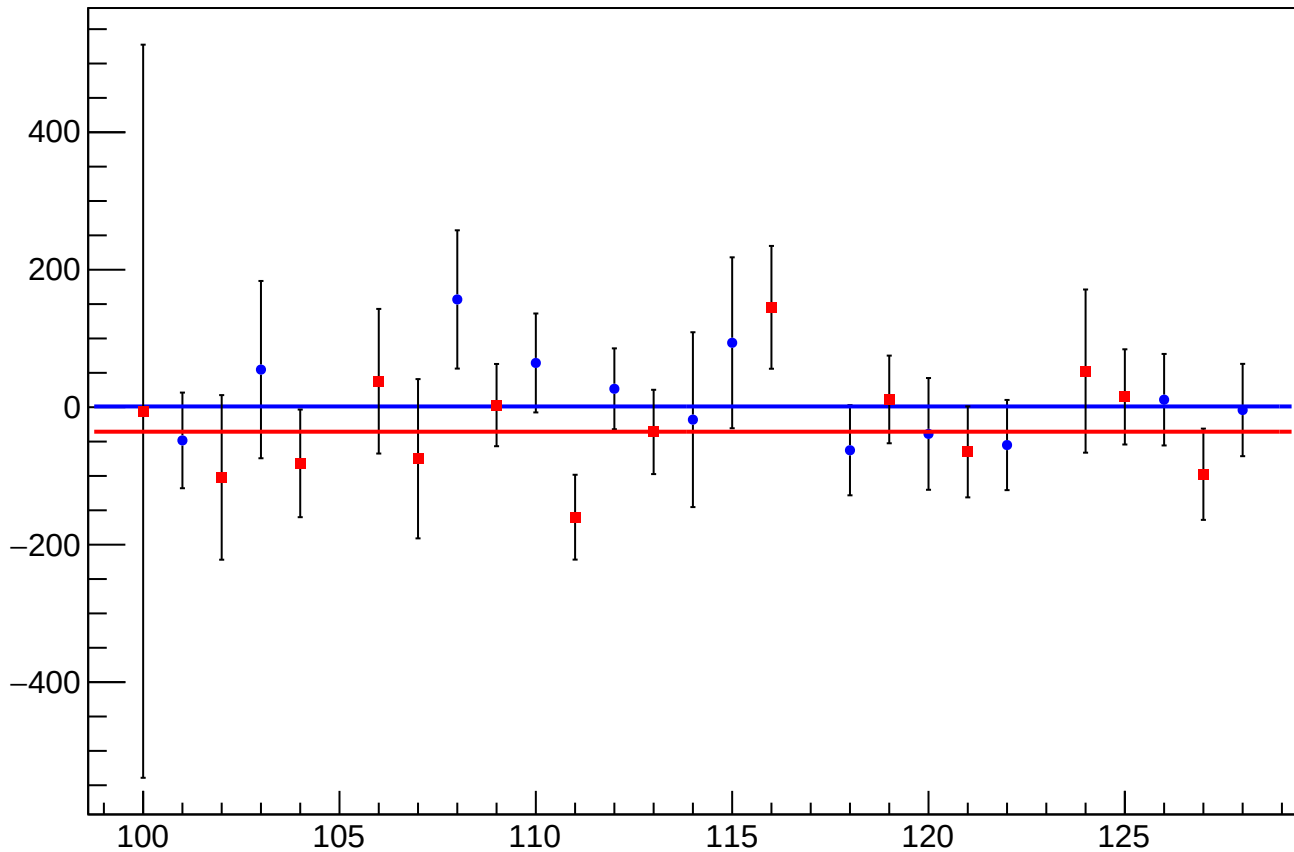
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 475.132+/-0.108 χ^2/NDF : 1495913.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_37_dd_mean vs Slug



Right In: 1.096+/-22.154 χ^2/NDF : 6.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.644+/-20.784 χ^2/NDF : 12.5/13

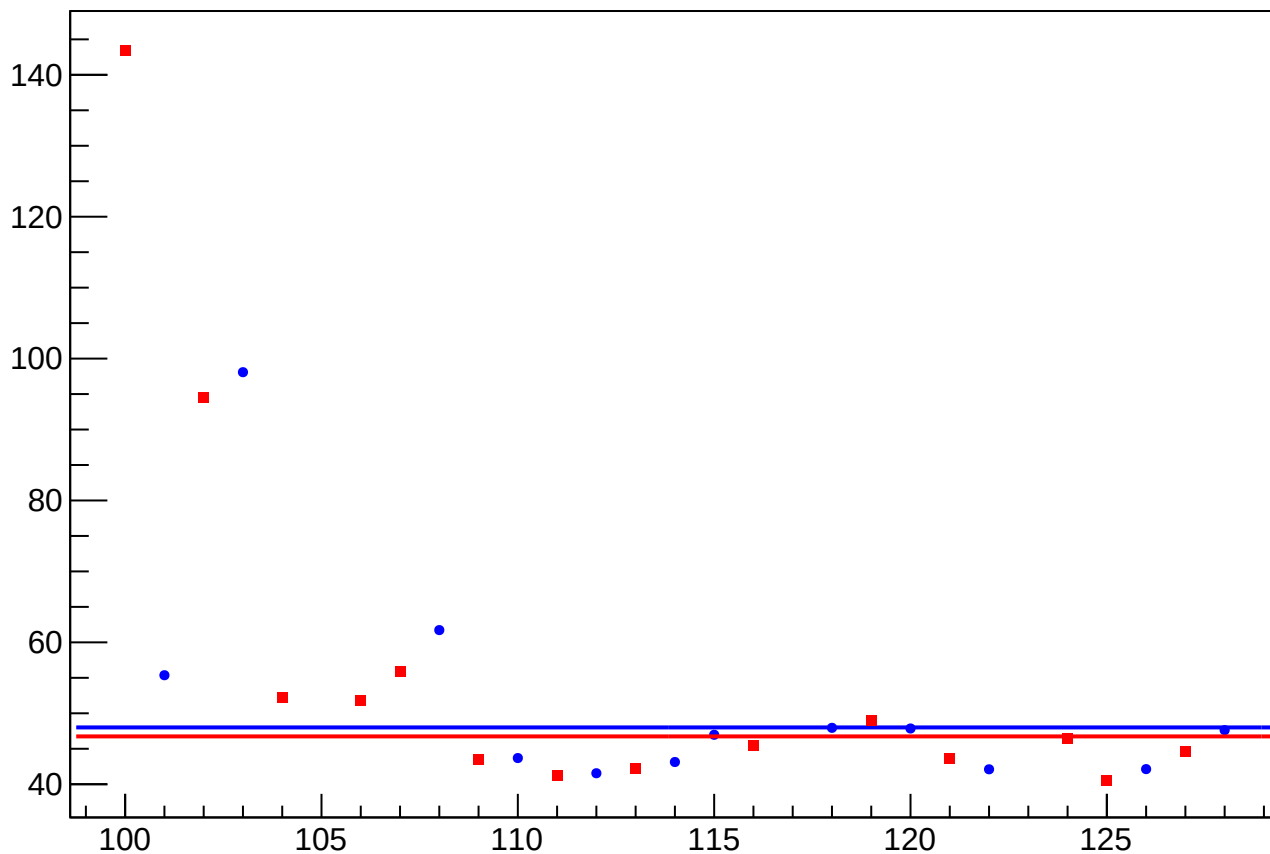
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.445+/-15.158 χ^2/NDF : 20.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_37_dd_rms vs Slug



Right In: 48.009 $\pm$ 0.016 χ^2 /NDF: 427302.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 46.742 $\pm$ 0.015 χ^2 /NDF: 470586.9/13

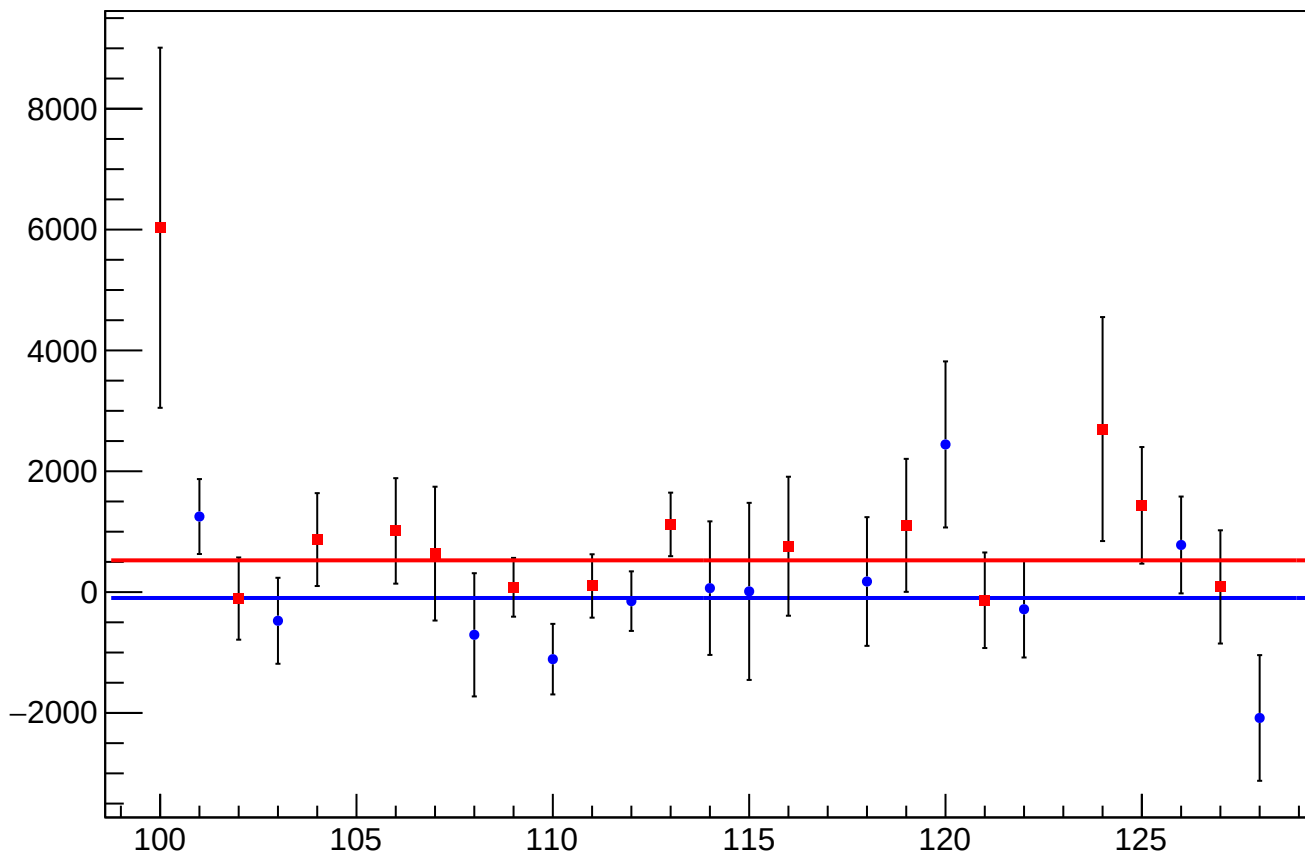
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 47.335 $\pm$ 0.011 χ^2 /NDF: 901365.2/25

- 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: -97.308+/-227.468 χ^2/NDF : 16.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 525.614+/-207.378 χ^2/NDF : 11.1/13

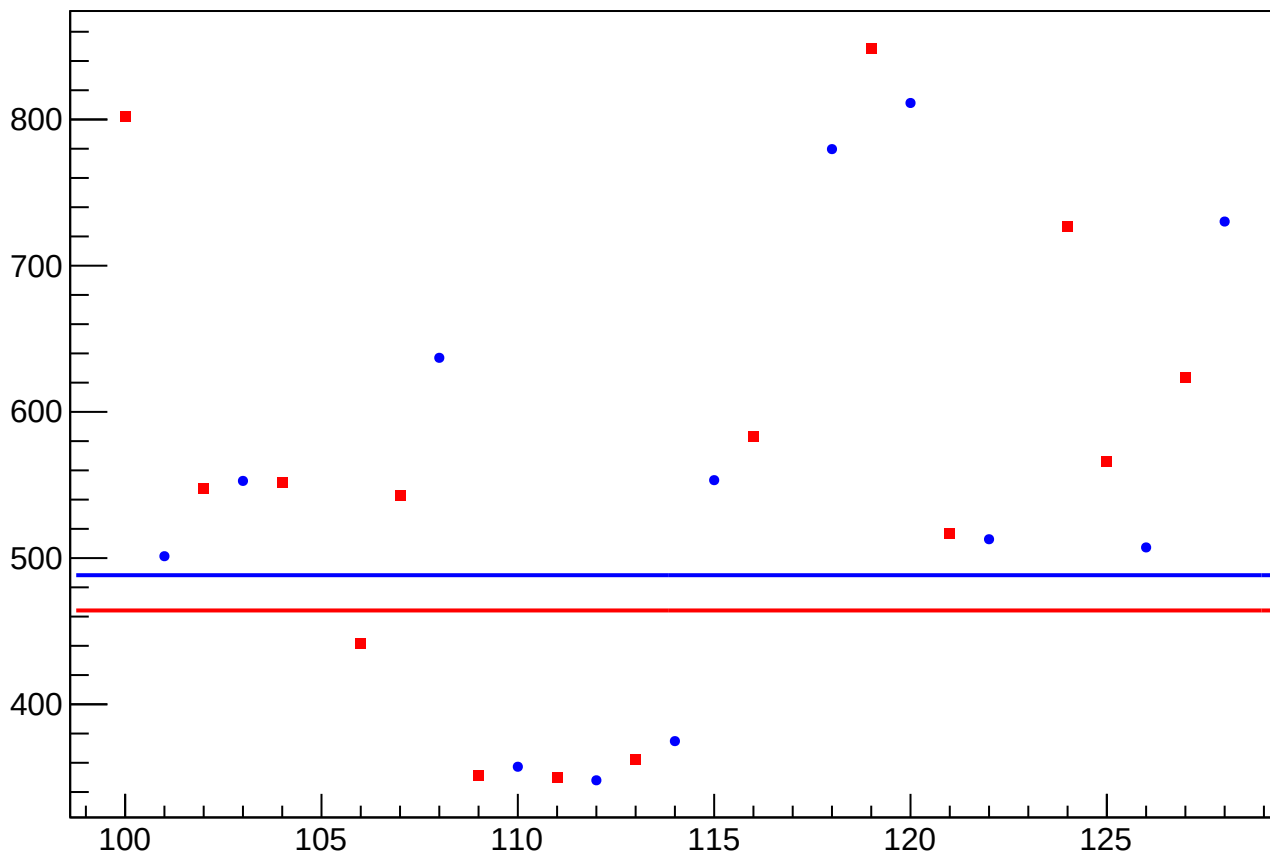
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 242.870+/-153.250 χ^2/NDF : 32.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_cor_correction_rms vs Slug



Right In: 488.302+/-0.161 χ^2/NDF : 718812.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 464.185+/-0.147 χ^2/NDF : 764822.9/13

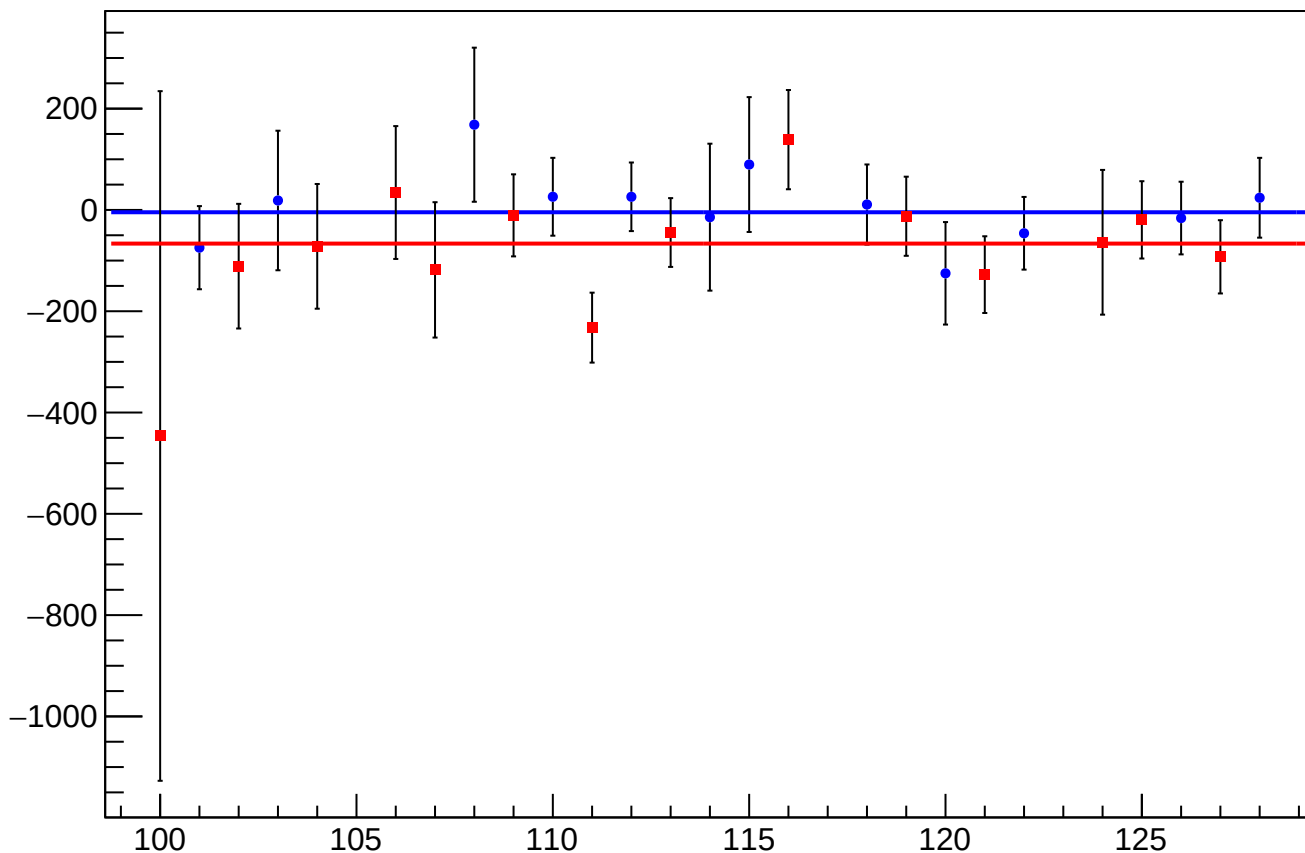
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 475.132+/-0.108 χ^2/NDF : 1495913.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_37_dd_mean vs Slug



Right In: -4.581+/-25.459 χ^2/NDF : 4.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -66.452+/-24.387 χ^2/NDF : 13.6/13

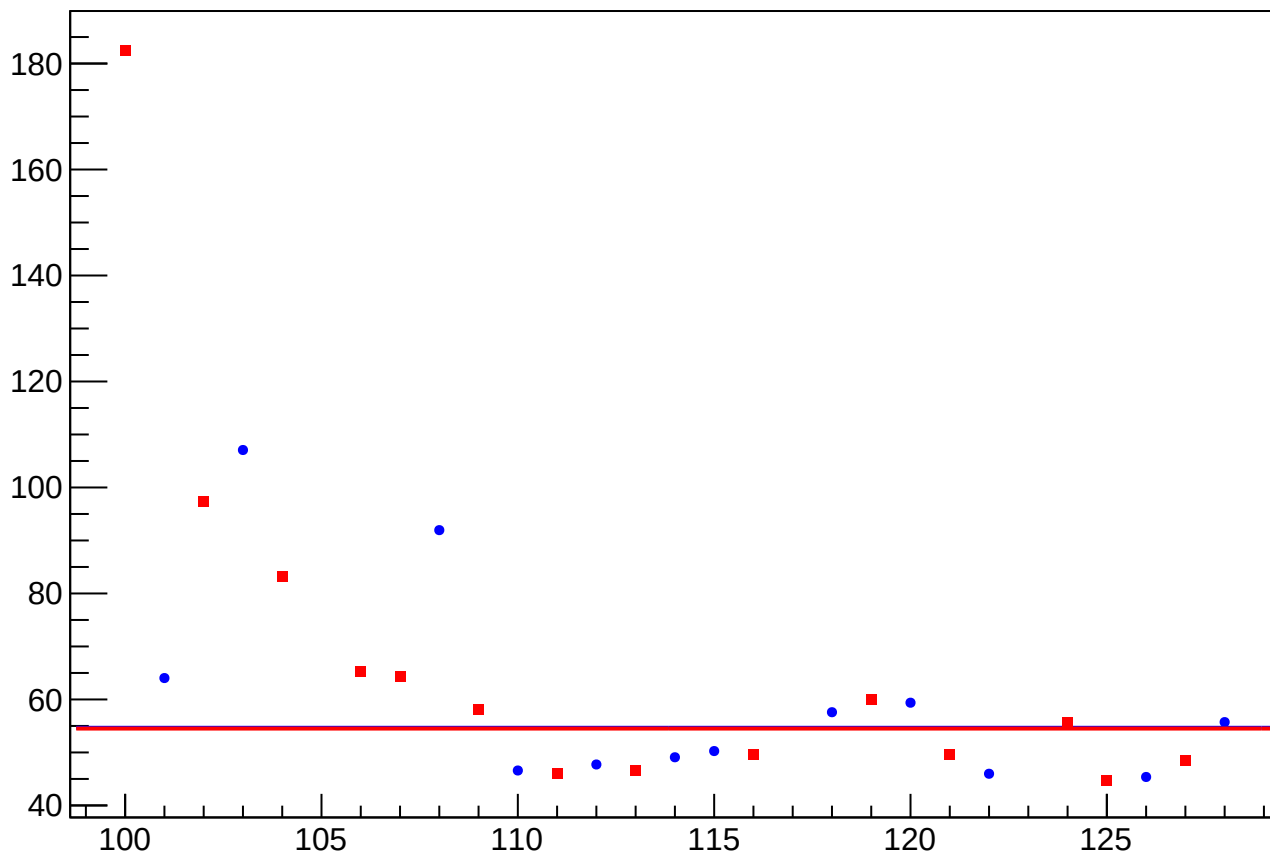
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.847+/-17.611 χ^2/NDF : 21.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_37_dd_rms vs Slug



Right In: 54.651+/-0.018 χ^2/NDF : 554140.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.507+/-0.017 χ^2/NDF : 577388.8/13

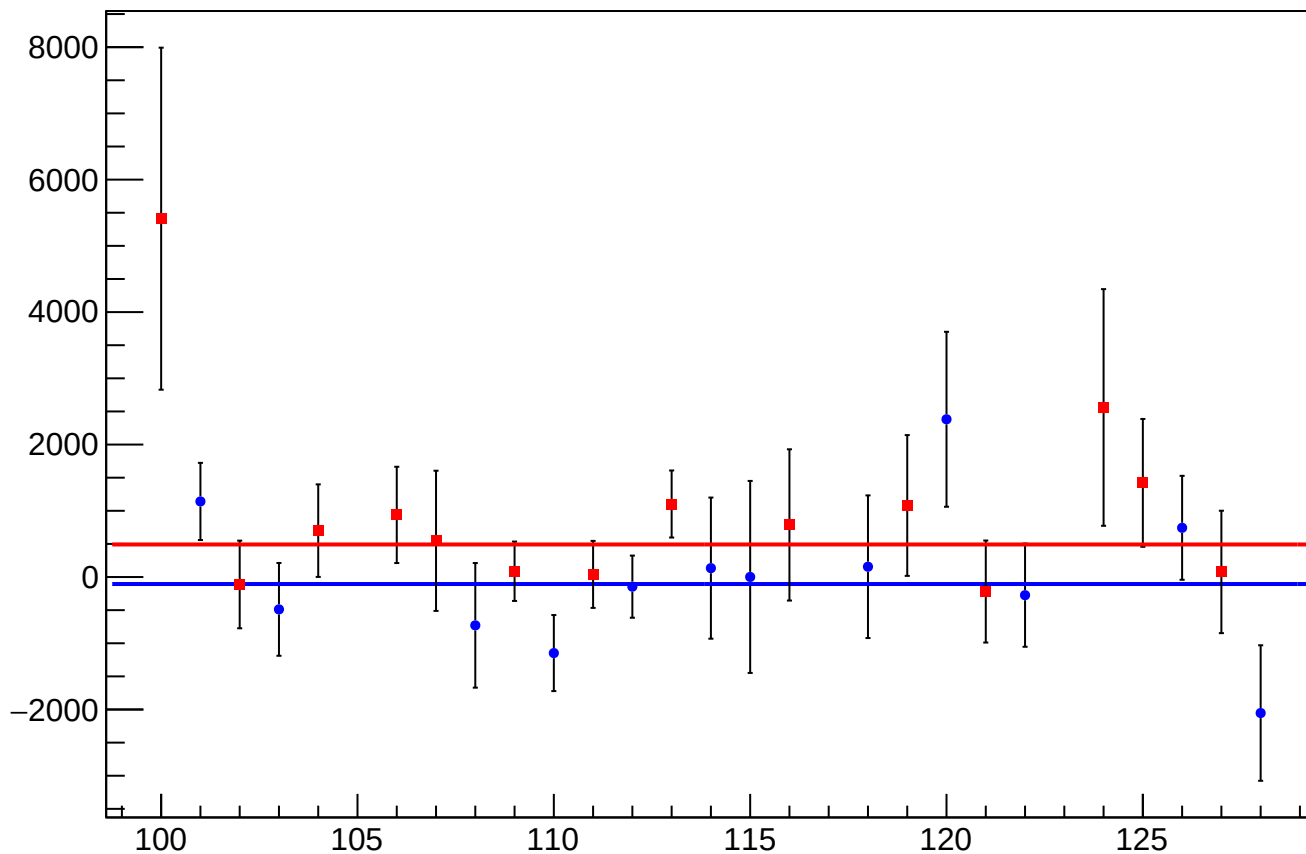
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.576+/-0.012 χ^2/NDF : 1131563.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_dit_correction_mean vs Slug



Right In: -105.496+/-219.718 χ^2 /NDF: 17.1/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 491.565+/-196.288 χ^2 /NDF: 11.7/13

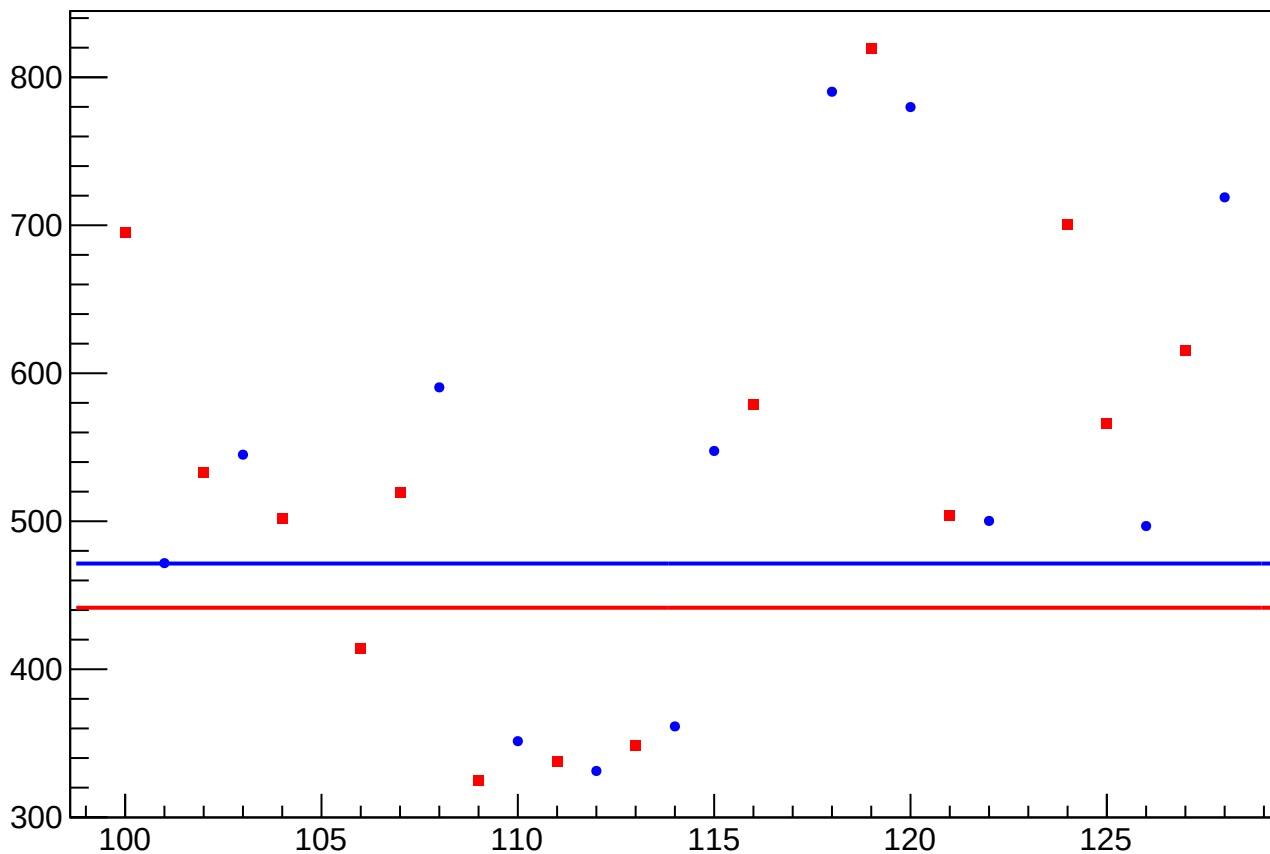
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 226.556+/-146.382 χ^2 /NDF: 32.9/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_dit_correction_rms vs Slug



Right In: 471.432 $\pm$ 0.155 χ^2 /NDF: 753091.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 441.569 $\pm$ 0.139 χ^2 /NDF: 813700.7/13

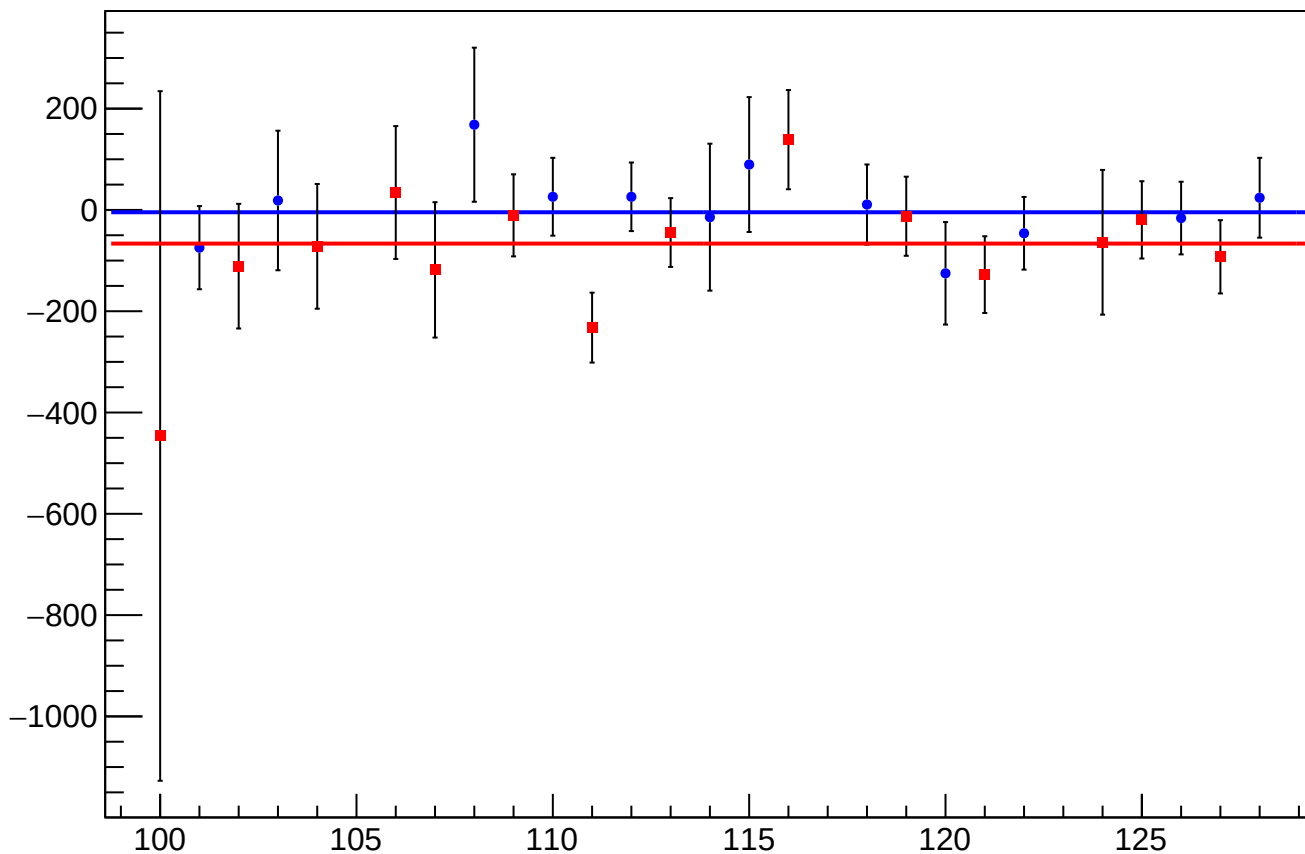
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 454.824 $\pm$ 0.104 χ^2 /NDF: 1587339.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_37_dd_mean vs Slug



Right In: -4.580 $\pm$ 25.460 χ^2 /NDF: 4.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -66.454 $\pm$ 24.387 χ^2 /NDF: 13.6/13

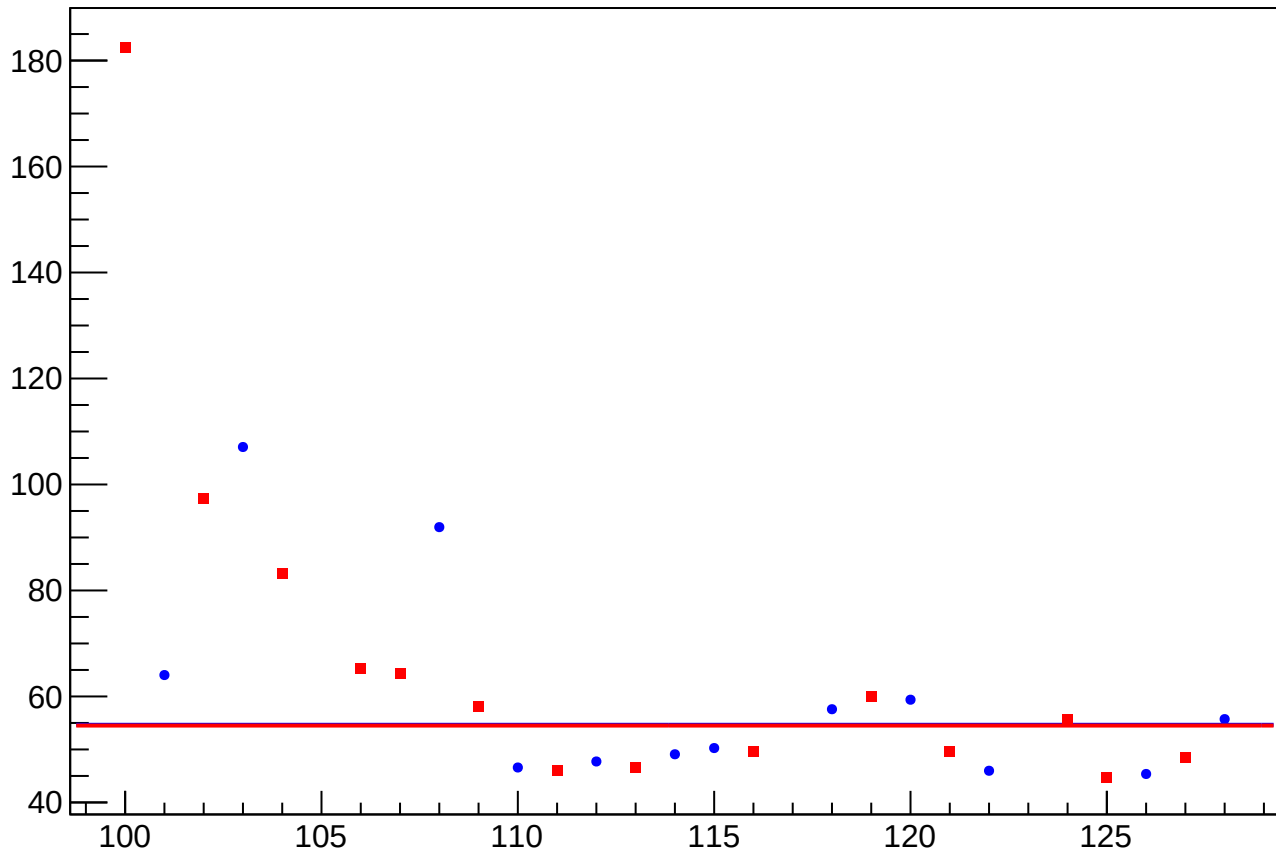
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -36.848 $\pm$ 17.611 χ^2 /NDF: 21.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_37_dd_rms vs Slug



Right In: 54.652 $\pm$ 0.018 χ^2 /NDF: 554132.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 54.507 $\pm$ 0.017 χ^2 /NDF: 577383.8/13

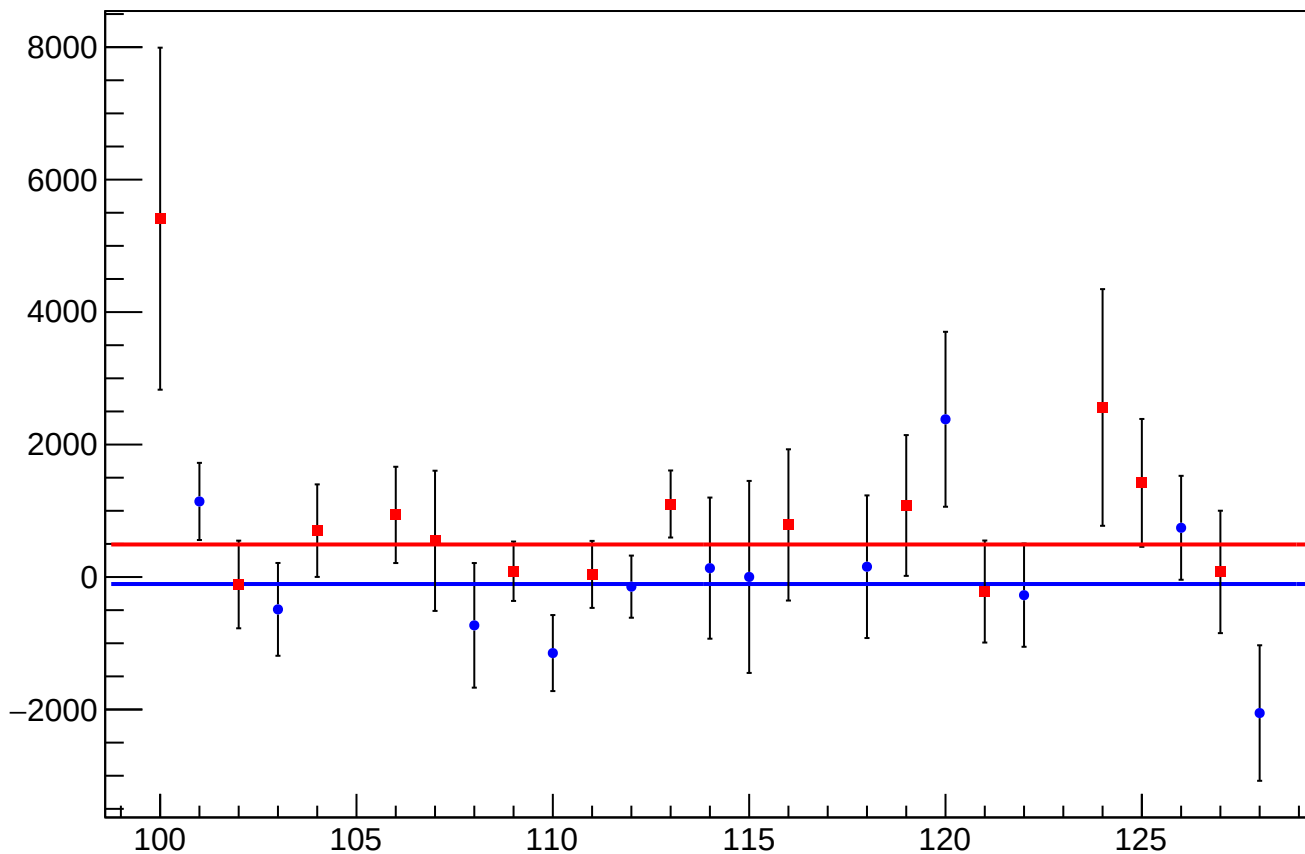
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 54.576 $\pm$ 0.012 χ^2 /NDF: 1131549.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_eigen_dit_correction_mean vs Slug



Right In: -105.496 $\pm$ 219.717 χ^2 /NDF: 17.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 491.564 $\pm$ 196.287 χ^2 /NDF: 11.7/13

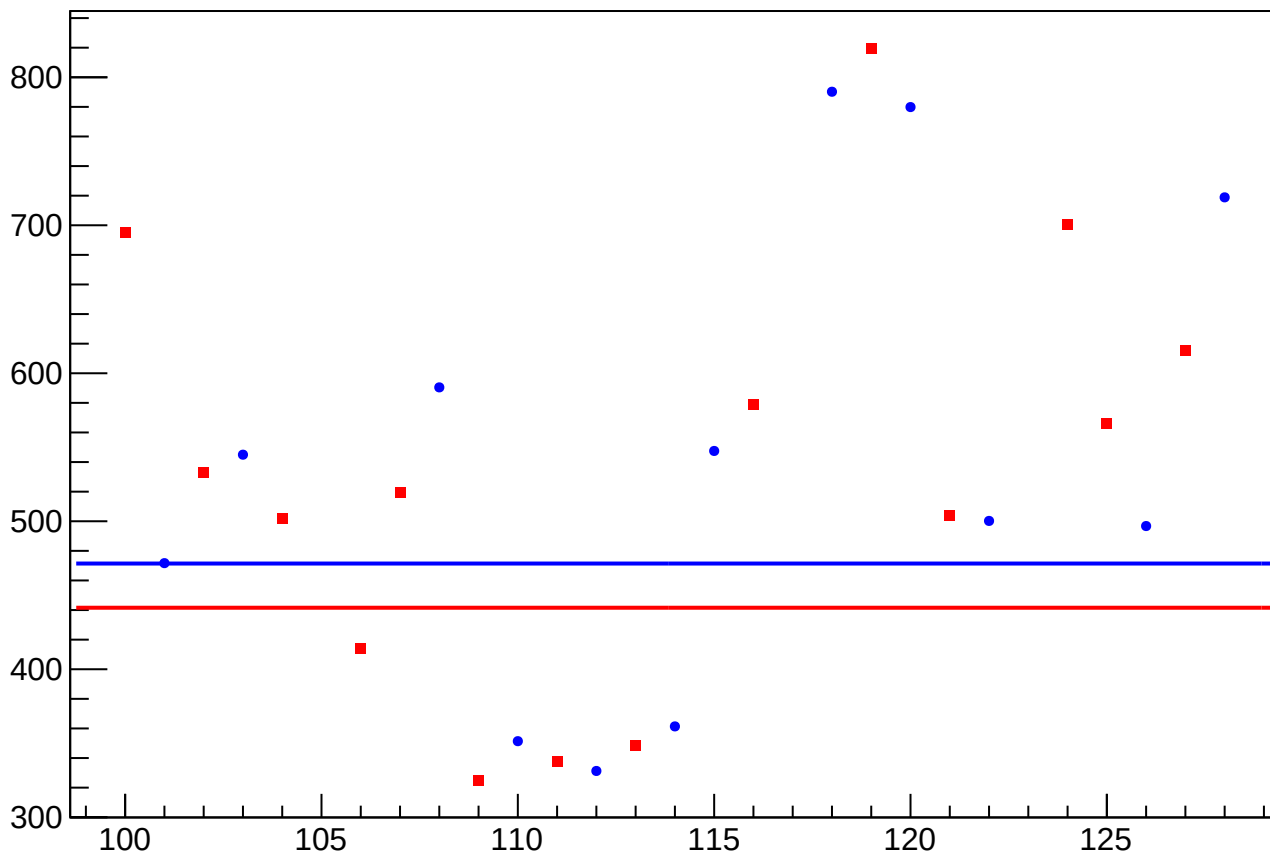
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 226.555 $\pm$ 146.381 χ^2 /NDF: 32.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_eigen_dit_correction_rms vs Slug



Right In: 471.430+/-0.155 χ^2/NDF : 753094.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 441.568+/-0.139 χ^2/NDF : 813698.3/13

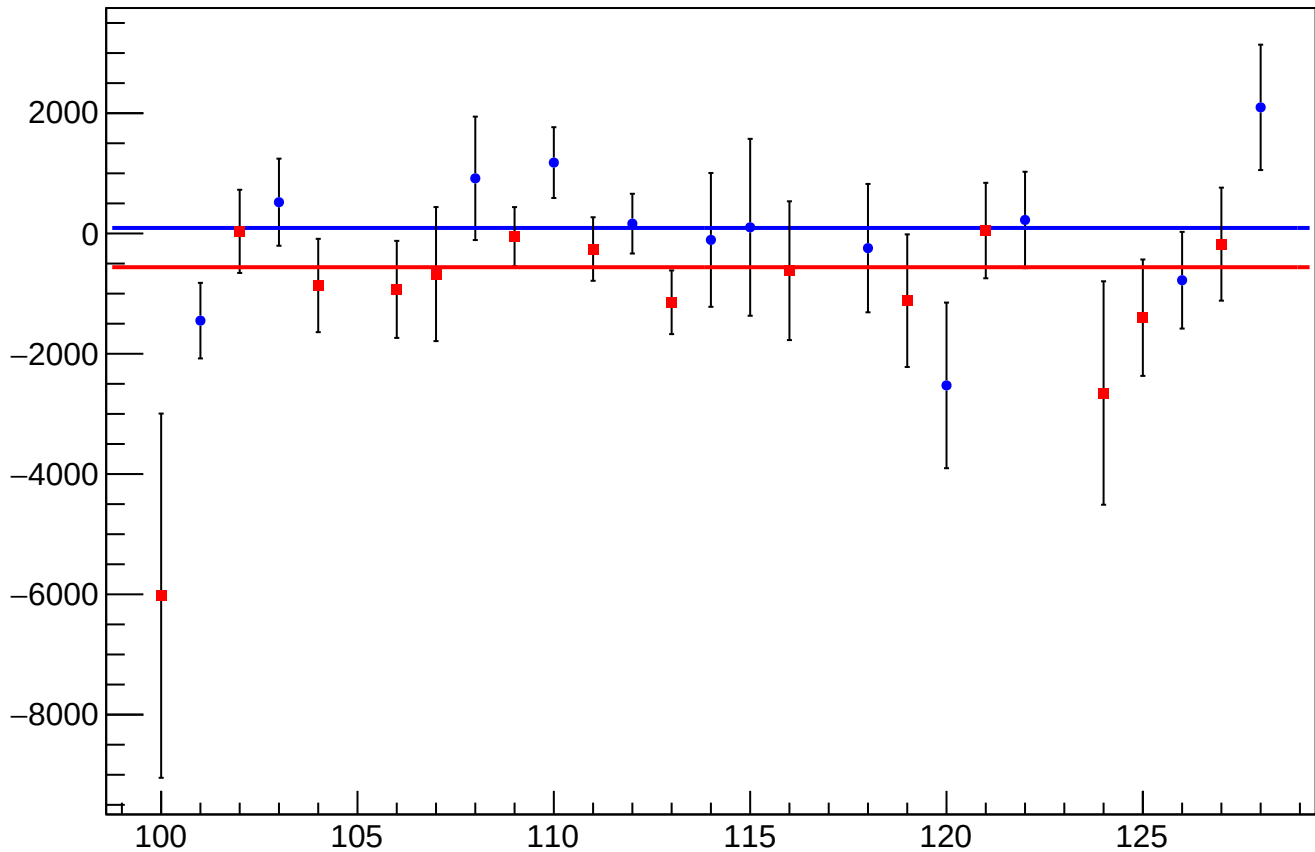
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 454.823+/-0.104 χ^2/NDF : 1587338.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_mean vs Slug



Right In: 91.978 ± 229.238 χ^2/NDF : 19.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -560.672 ± 207.816 χ^2/NDF : 10.0/13

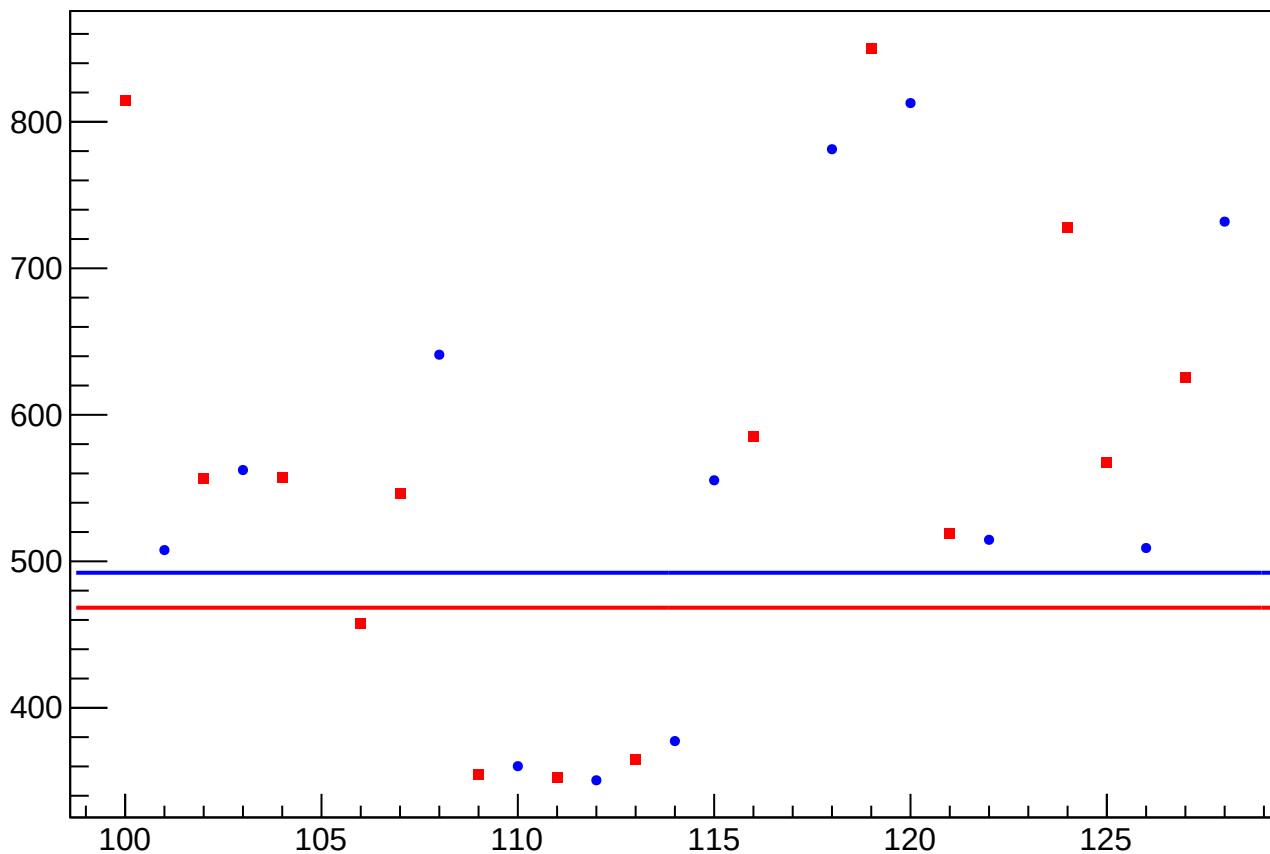
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -266.259 ± 153.966 χ^2/NDF : 33.5/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_rms vs Slug



Right In: 492.213 ± 0.162 $\chi^2/\text{NDF}: 713732.4/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 468.352 ± 0.147 $\chi^2/\text{NDF}: 758793.2/13$

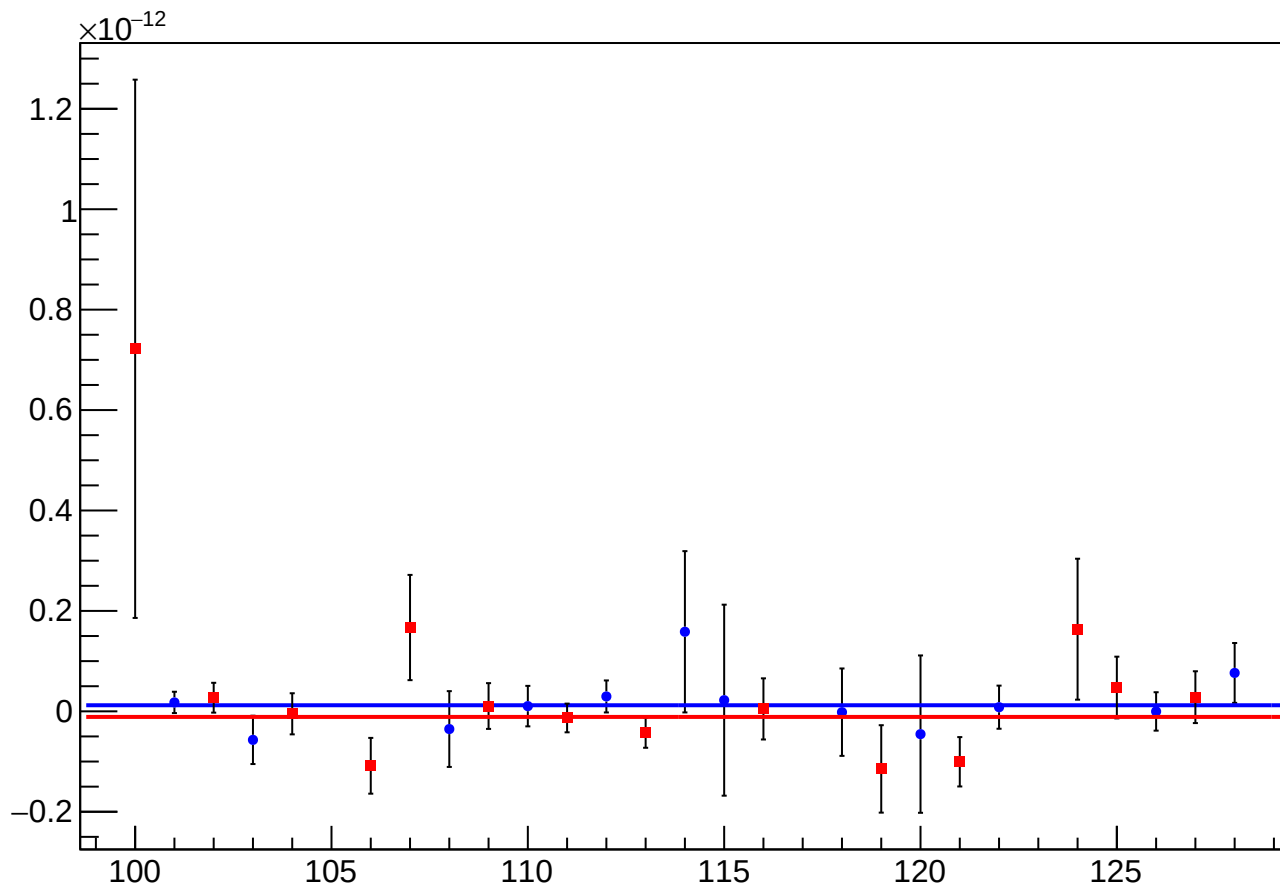
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

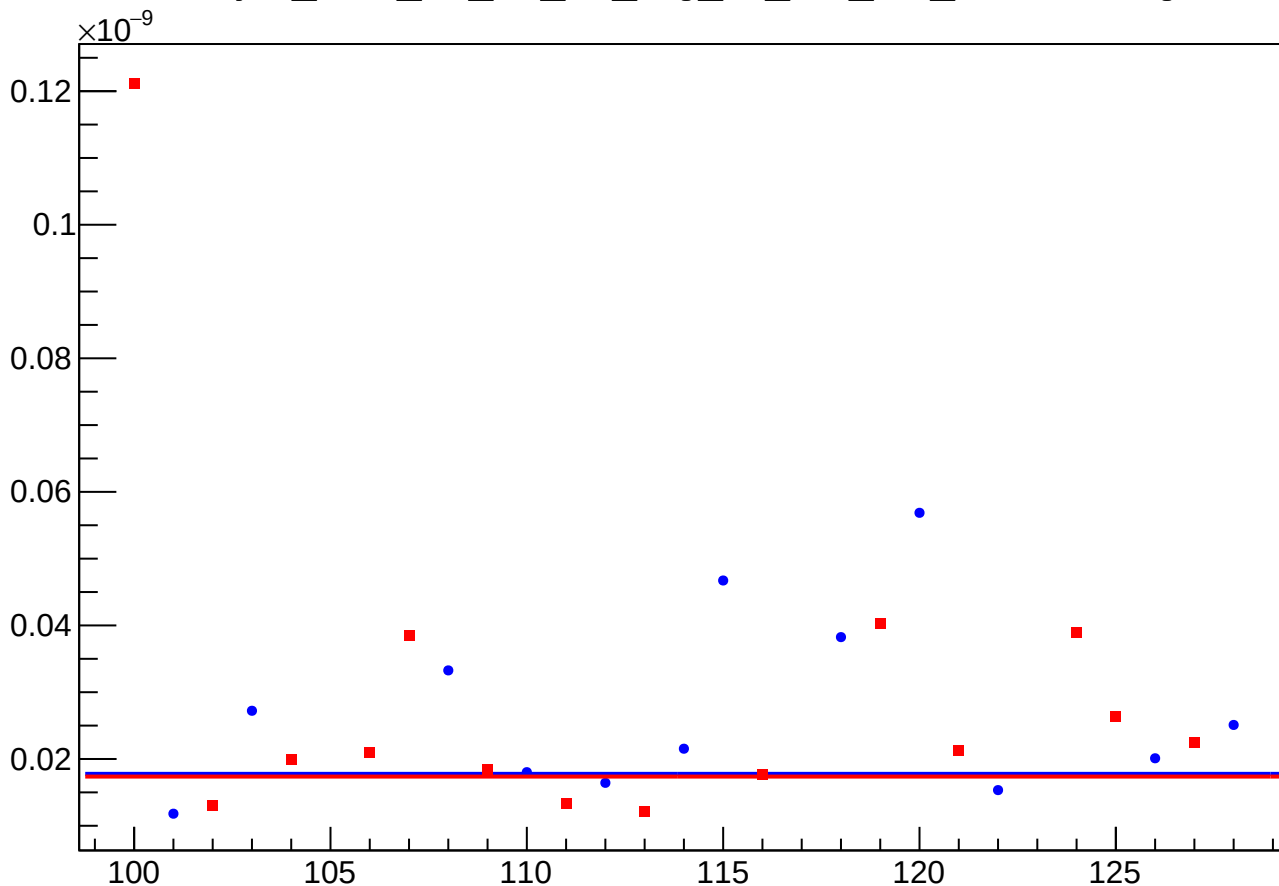
All: 479.116 ± 0.109 $\chi^2/\text{NDF}: 1484419.1/25$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_15_37_dd_reg_vs_cor_diff_mean vs Slug



asym_sam_15_37_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 649219.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 574205.6/13

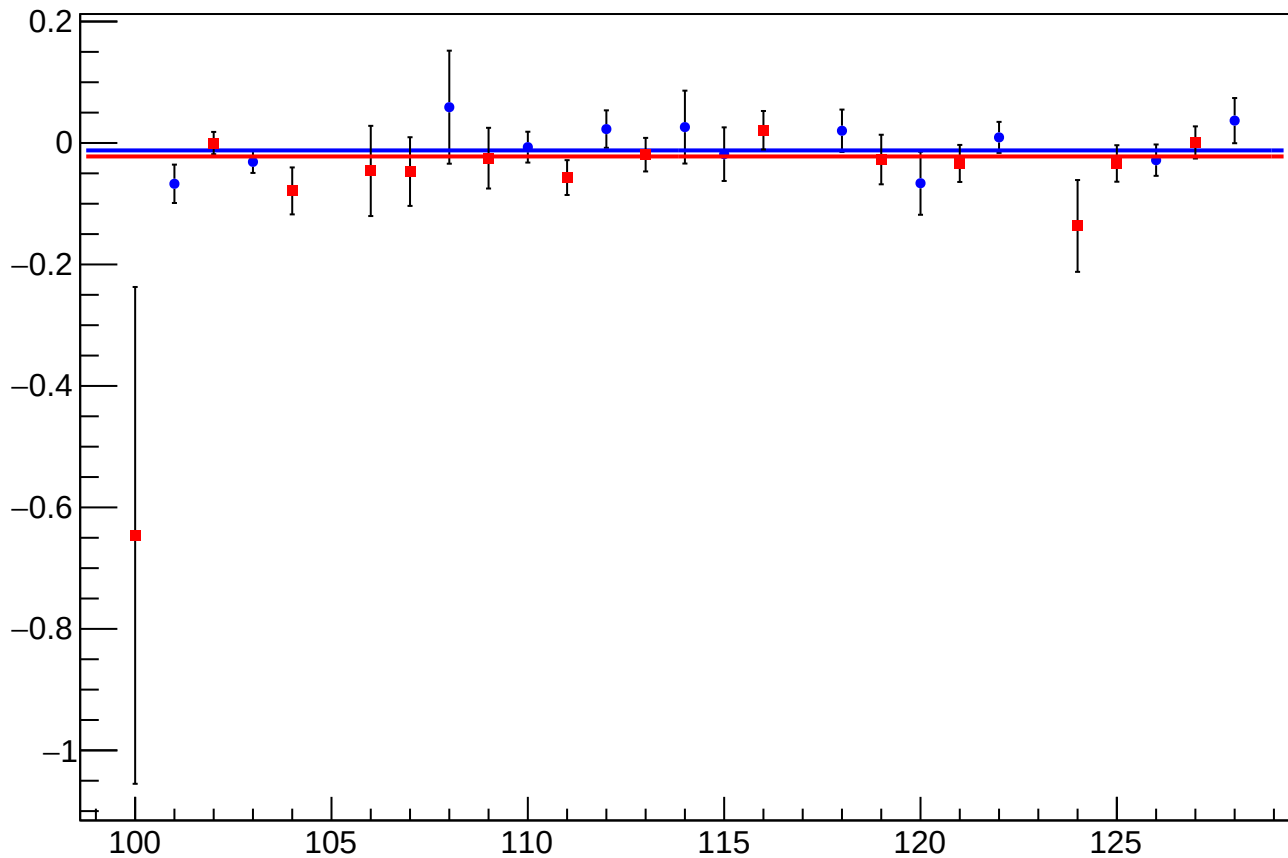
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1224477.6/25

- 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: -0.012 ± 0.009 χ^2/NDF : 11.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.022 ± 0.009 χ^2/NDF : 12.9/13

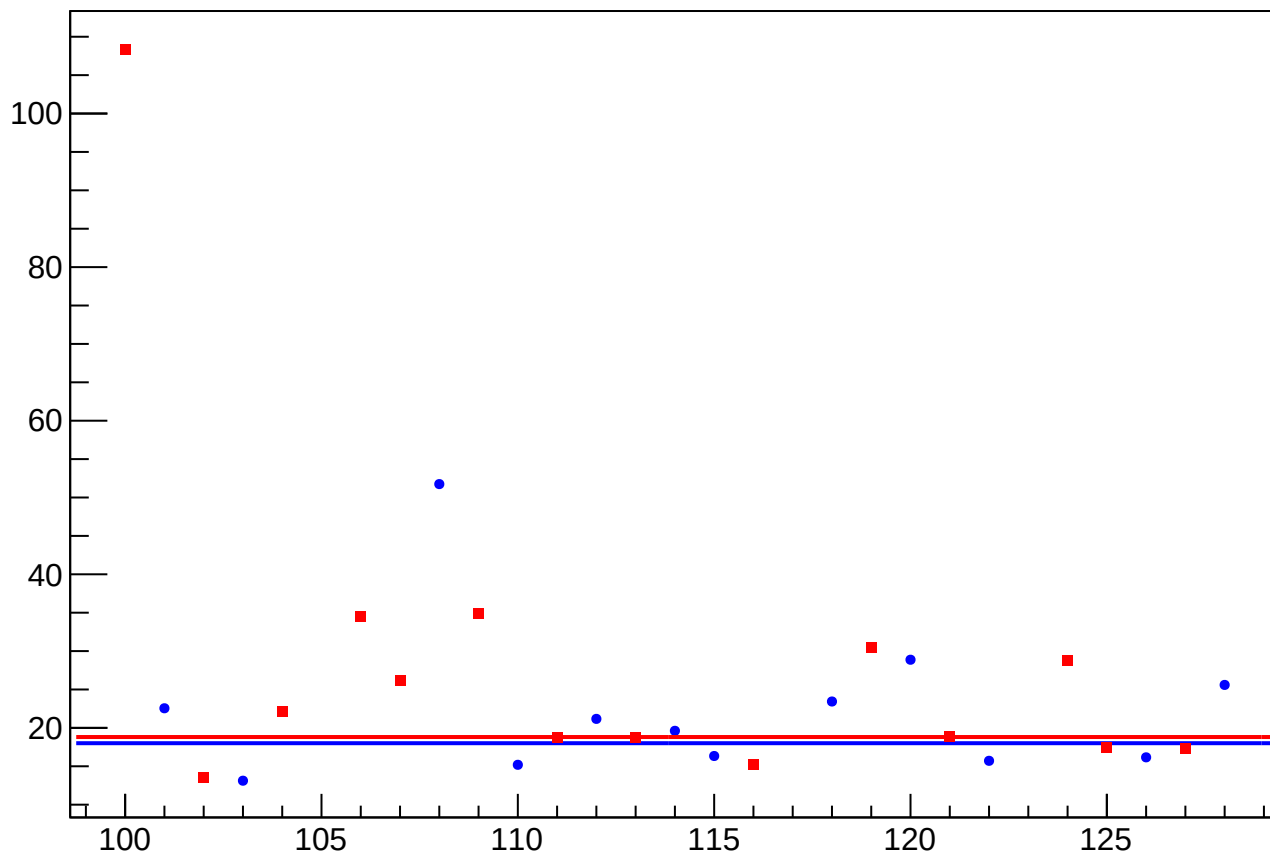
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.017 ± 0.006 χ^2/NDF : 24.8/25

- 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: 18.005+/-0.006 χ^2/NDF : 743613.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.809+/-0.006 χ^2/NDF : 834366.0/13

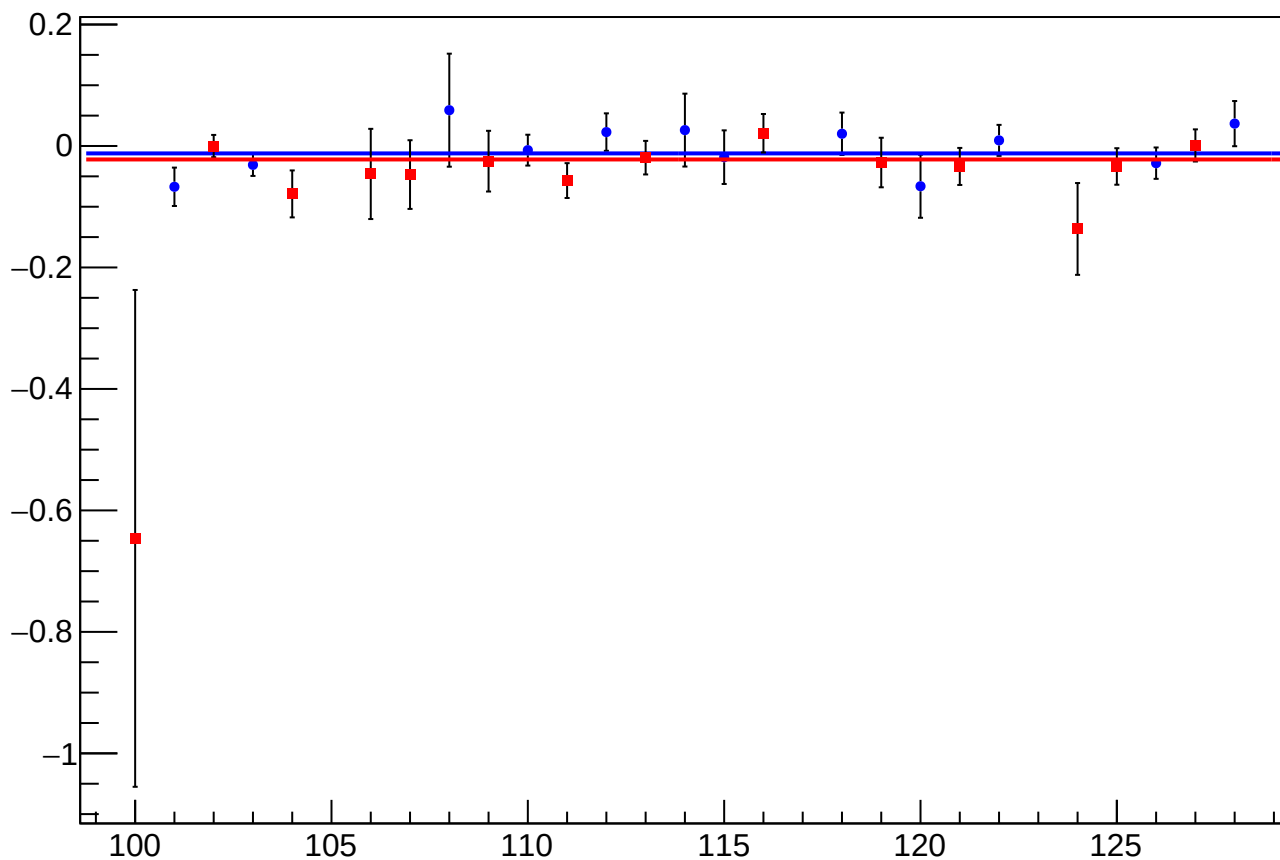
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.407+/-0.004 χ^2/NDF : 1586033.0/25

- 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: -0.012 $\pm$ 0.009 χ^2 /NDF: 11.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.022 $\pm$ 0.009 χ^2 /NDF: 12.9/13

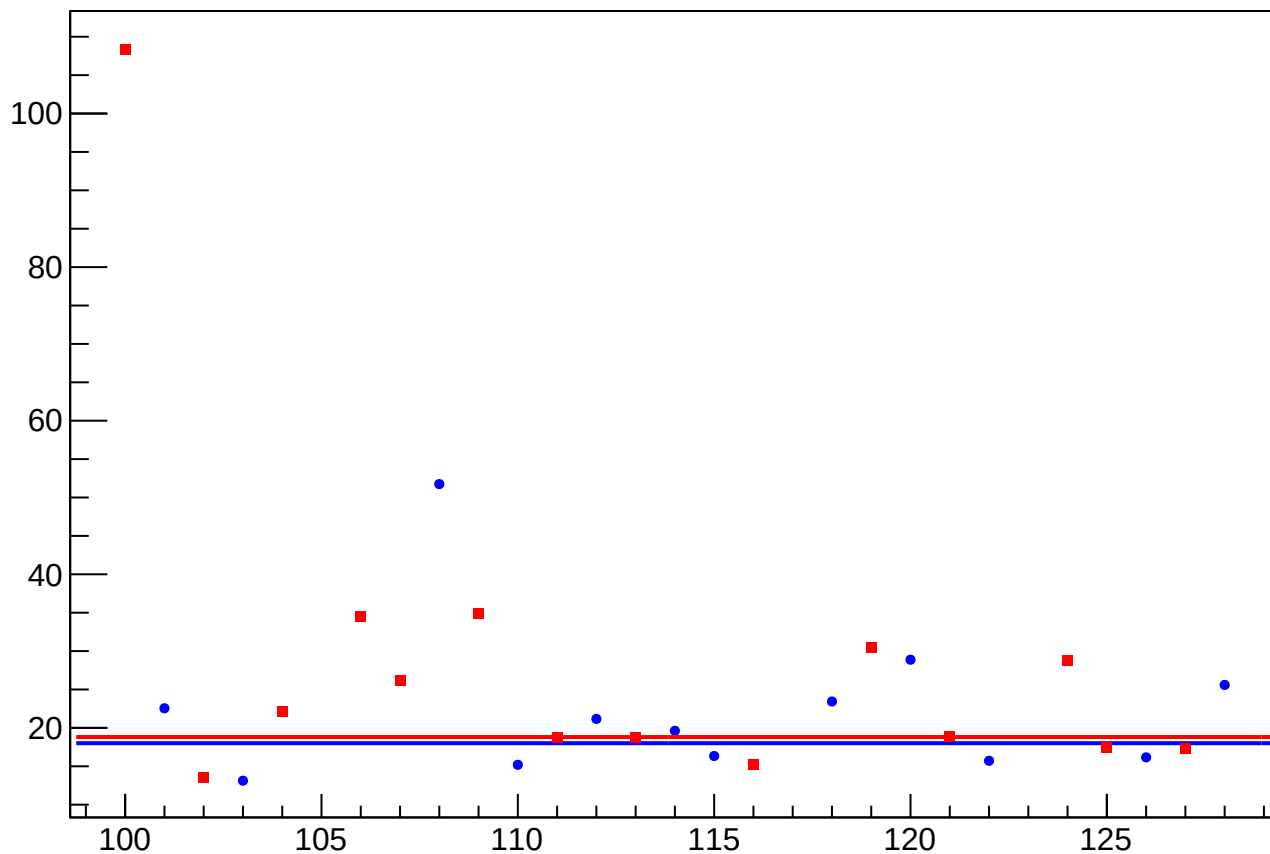
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.017 $\pm$ 0.006 χ^2 /NDF: 24.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 18.005+/-0.006 χ^2/NDF : 743613.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.809+/-0.006 χ^2/NDF : 834366.0/13

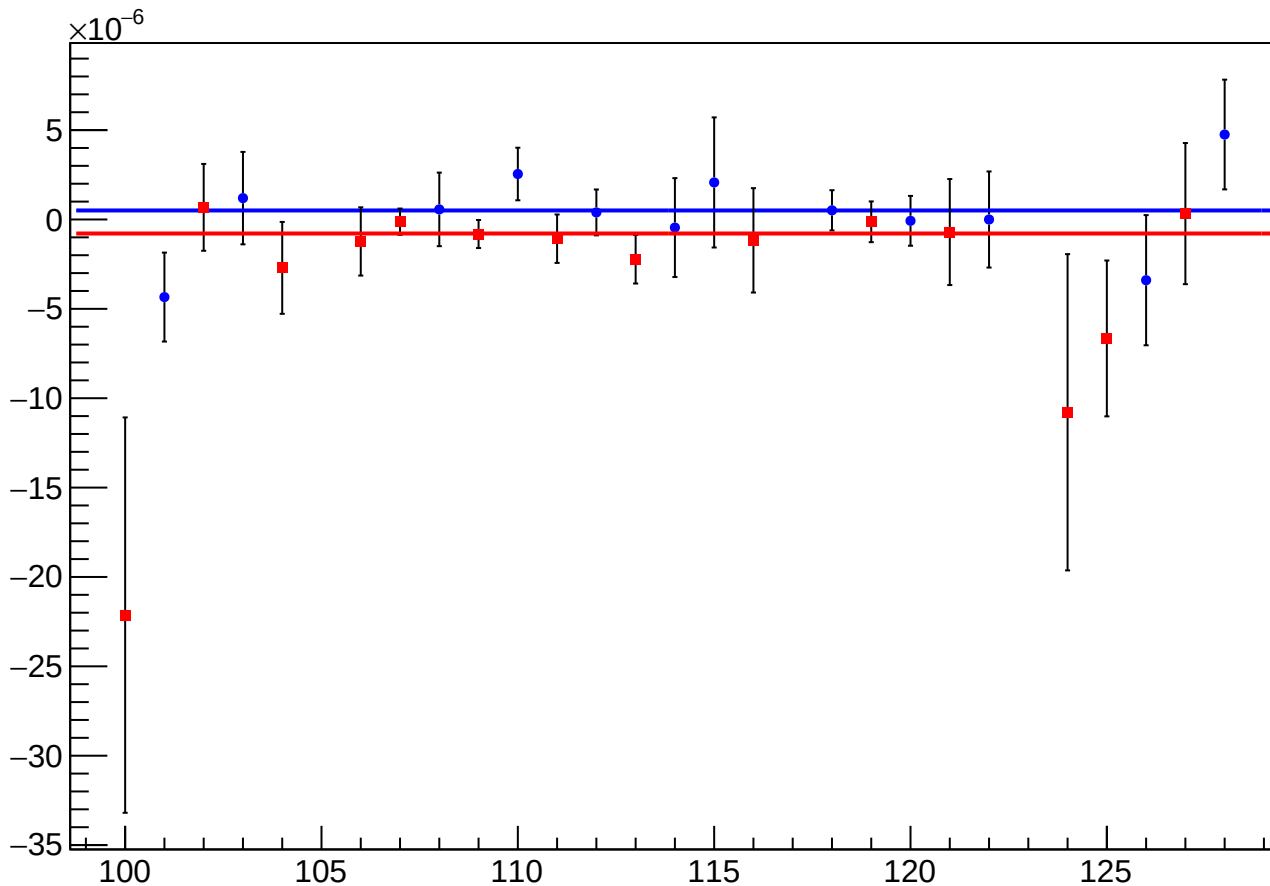
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.407+/-0.004 χ^2/NDF : 1586033.0/25

- 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: 9.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.2/13

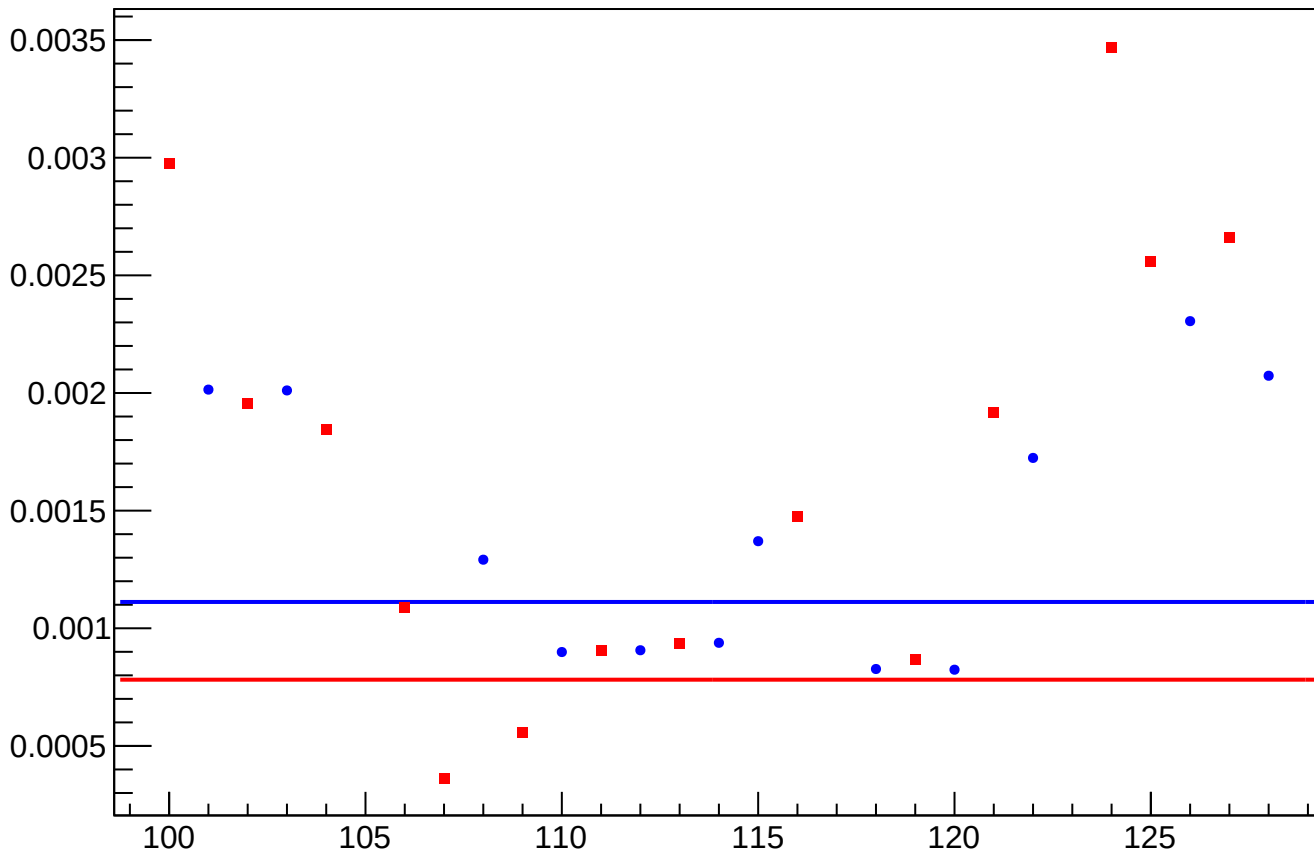
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 23.3/25

- 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 : 1359699.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3186392.0/13

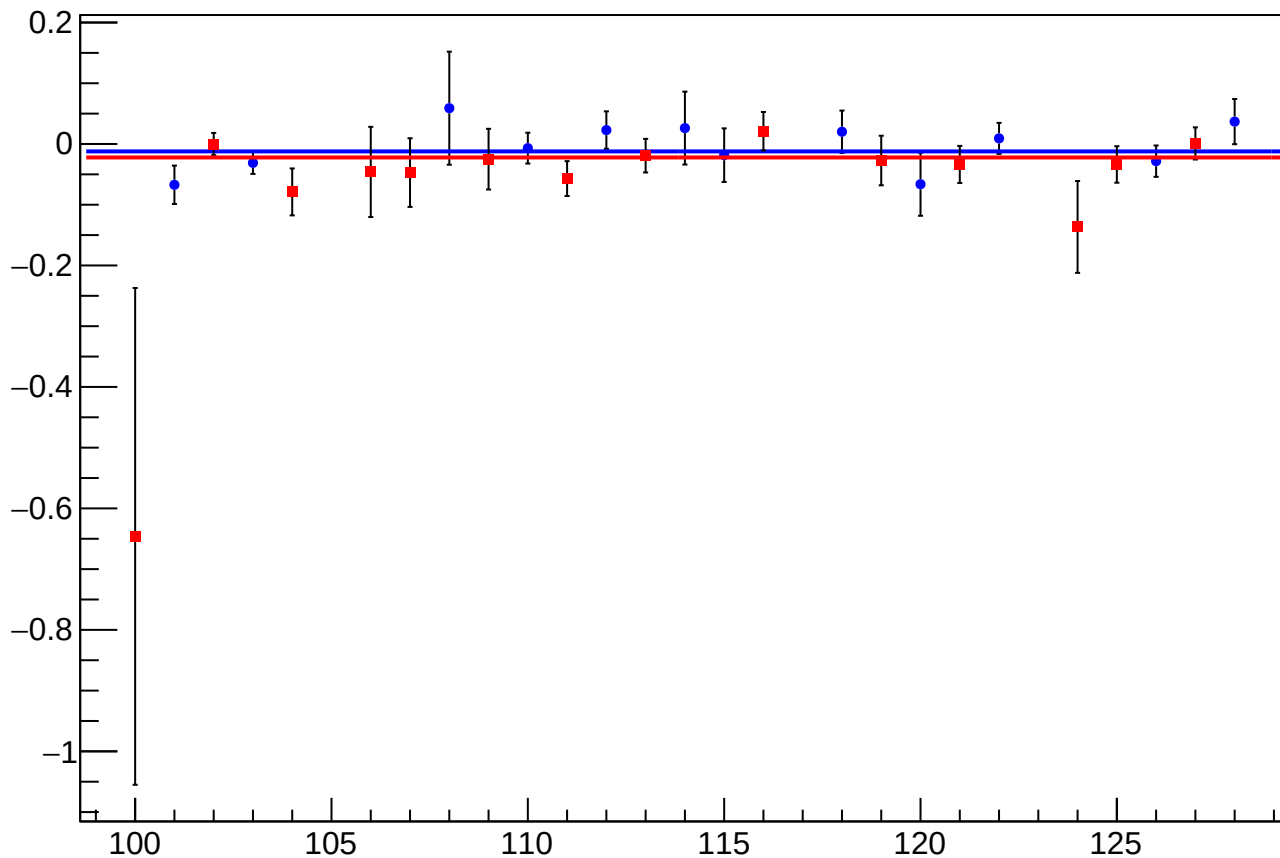
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5032312.0/25

- 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: -0.012 $\pm$ 0.009 χ^2 /NDF: 11.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.022 $\pm$ 0.009 χ^2 /NDF: 12.9/13

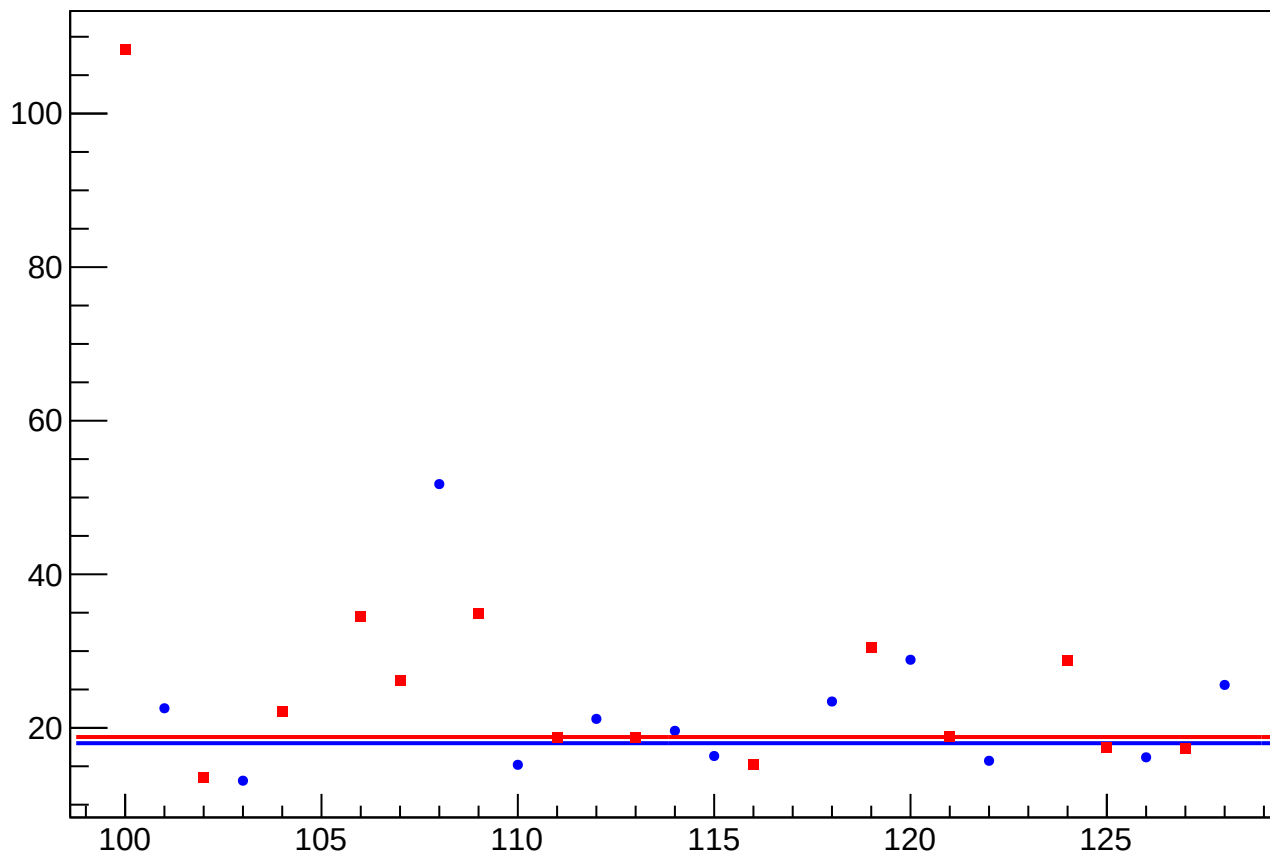
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.017 $\pm$ 0.006 χ^2 /NDF: 24.8/25

- 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: 18.006+/-0.006 χ^2/NDF : 743533.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.810+/-0.006 χ^2/NDF : 834242.9/13

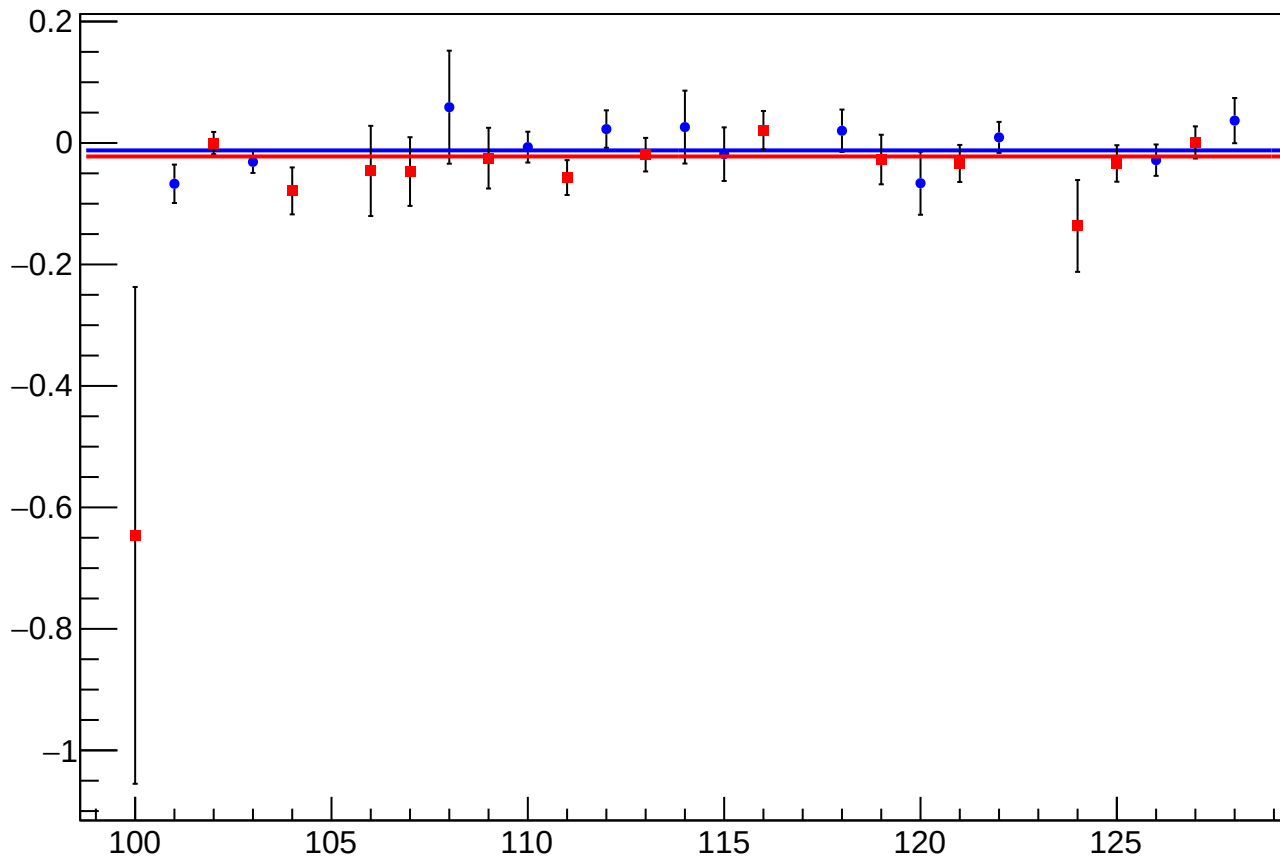
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.408+/-0.004 χ^2/NDF : 1585831.7/25

- 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: -0.012 ± 0.009 χ^2/NDF : 11.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.022 ± 0.009 χ^2/NDF : 12.9/13

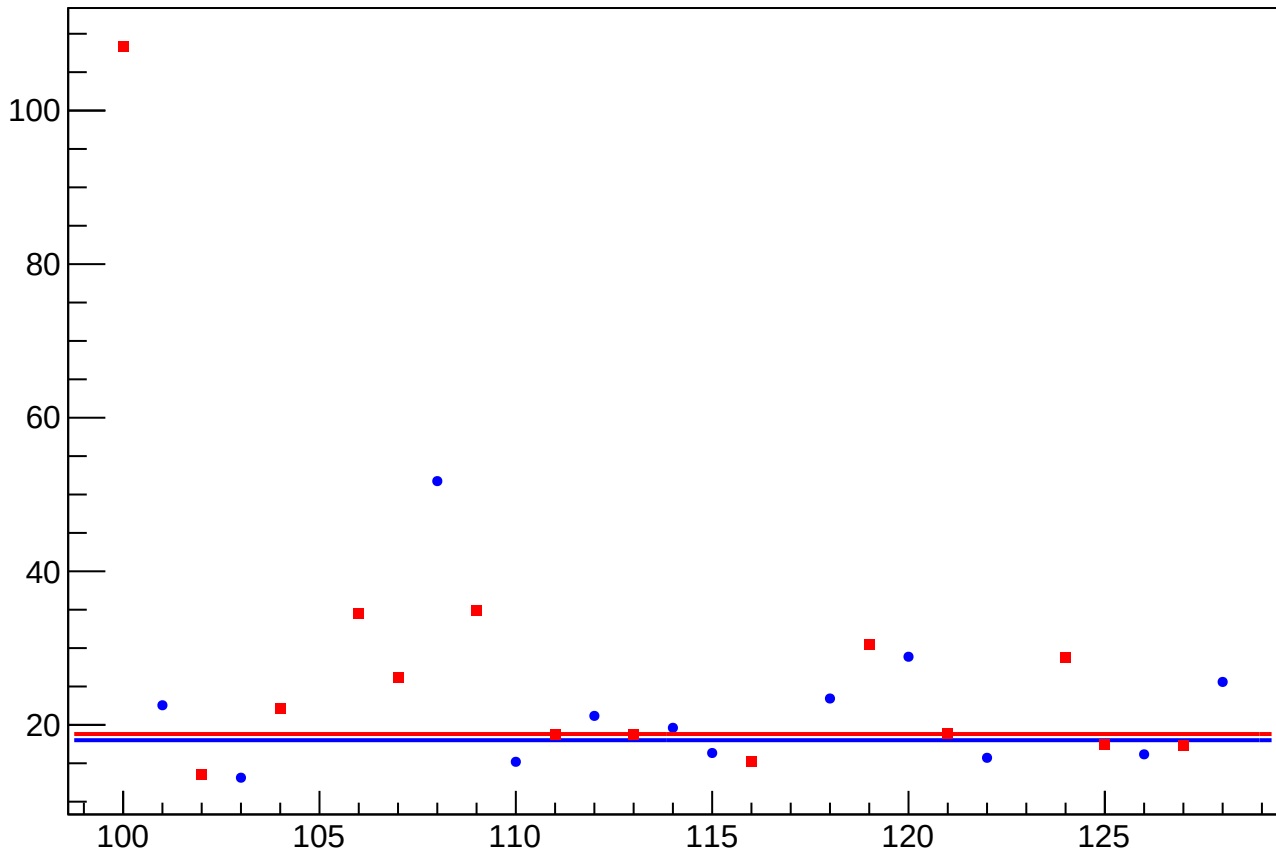
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.017 ± 0.006 χ^2/NDF : 24.8/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 18.006+/-0.006 χ^2/NDF : 743533.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.810+/-0.006 χ^2/NDF : 834242.9/13

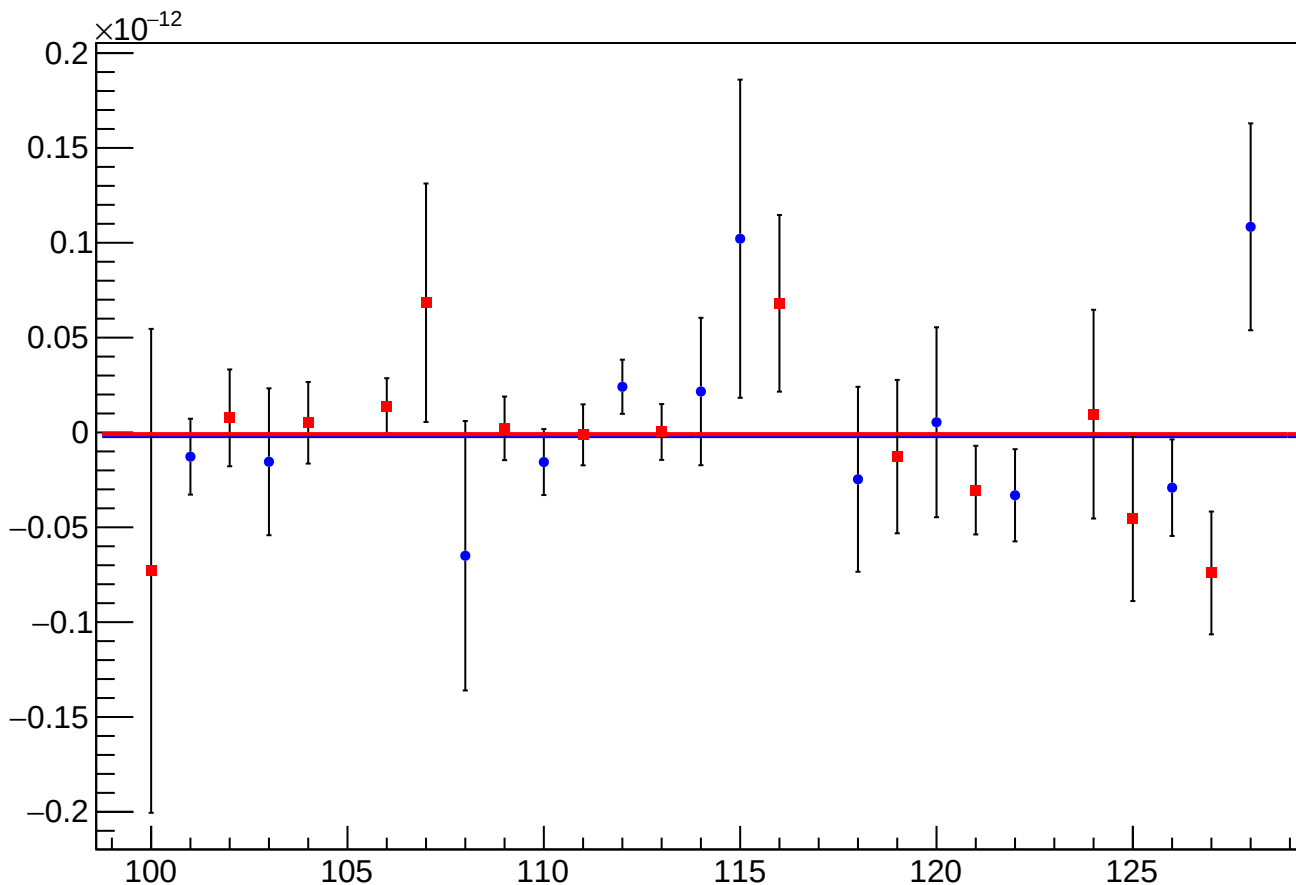
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.408+/-0.004 χ^2/NDF : 1585831.7/25

- 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 $\pm$ 0.000 χ^2 /NDF: 14.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.8/13

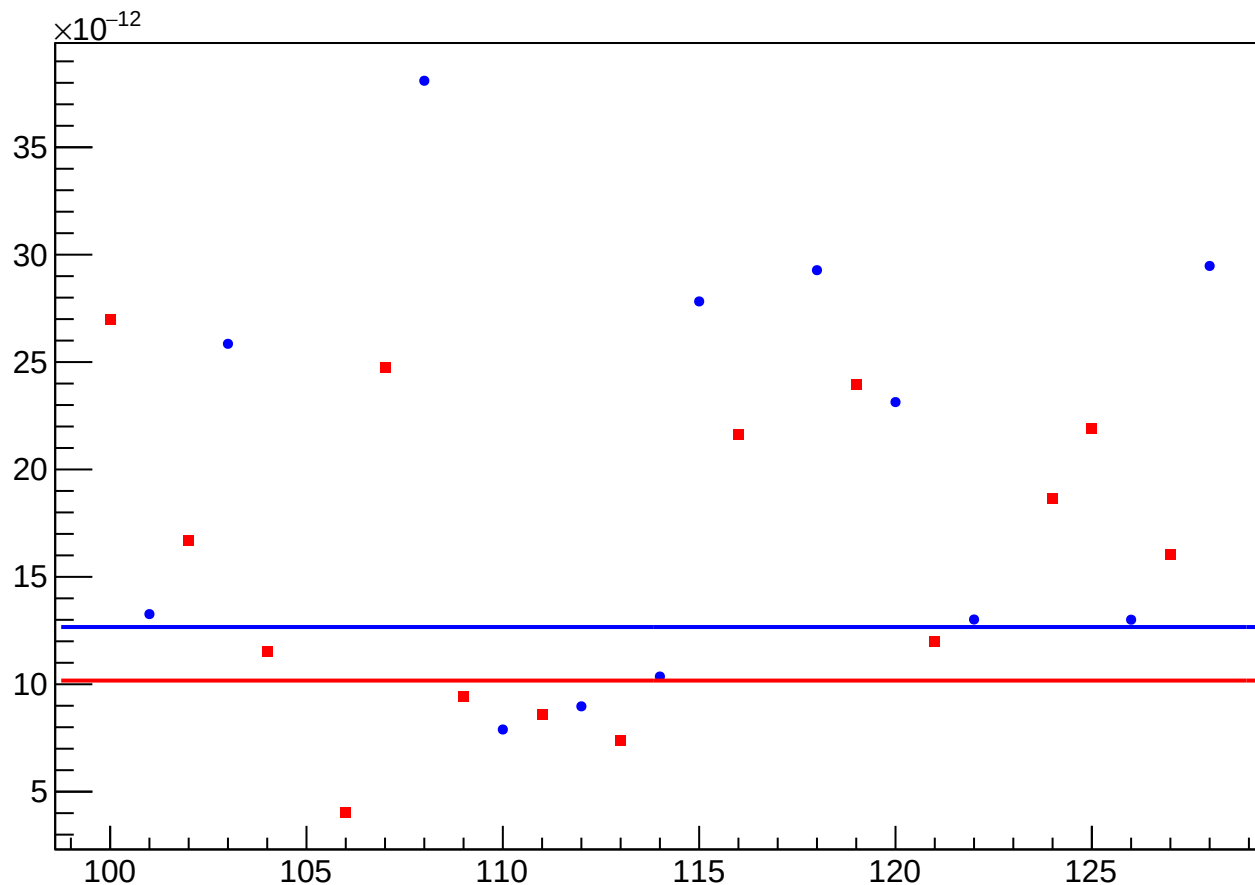
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 27.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1357811.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1342735.3/13

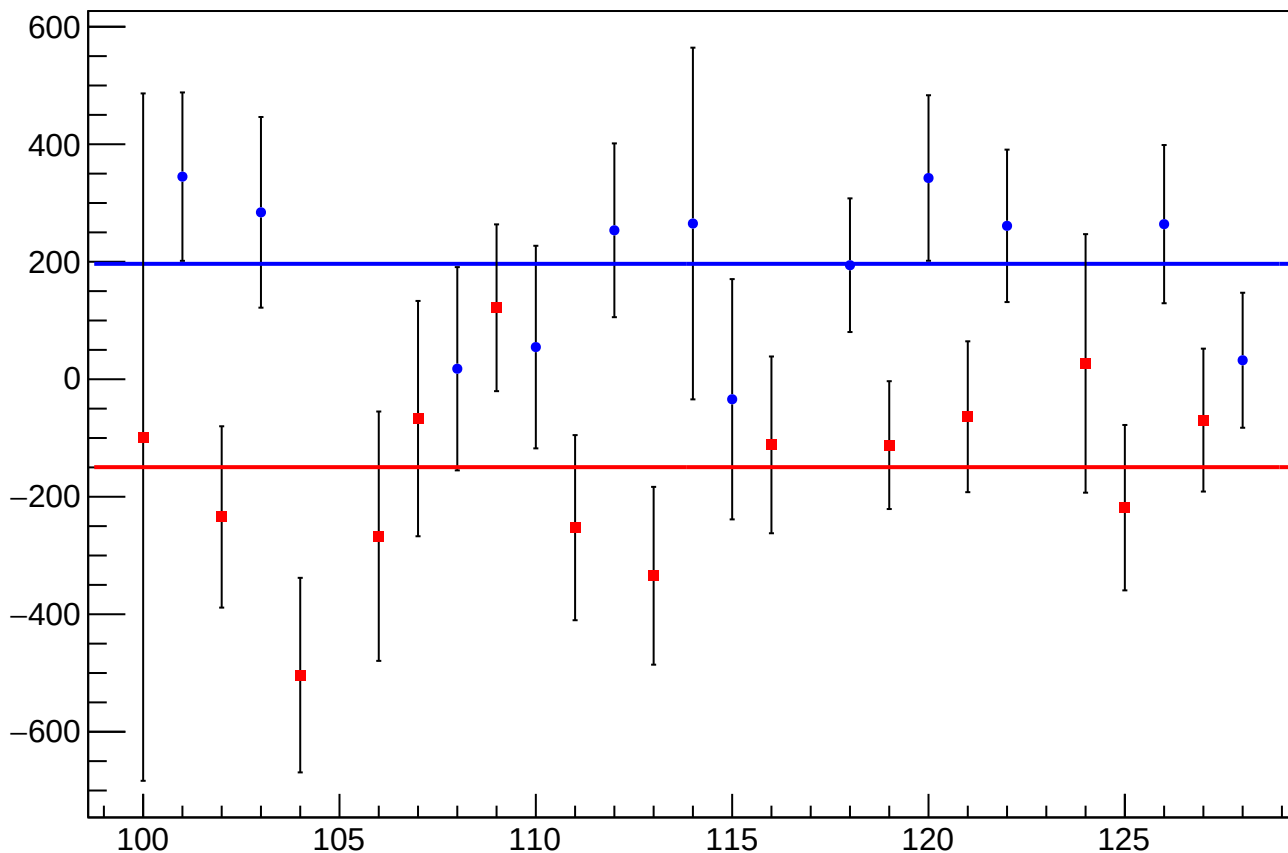
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2825931.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_mean vs Slug



Right In: 196.461 $\pm$ 42.545 χ^2 /NDF: 8.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -149.605 $\pm$ 41.164 χ^2 /NDF: 12.9/13

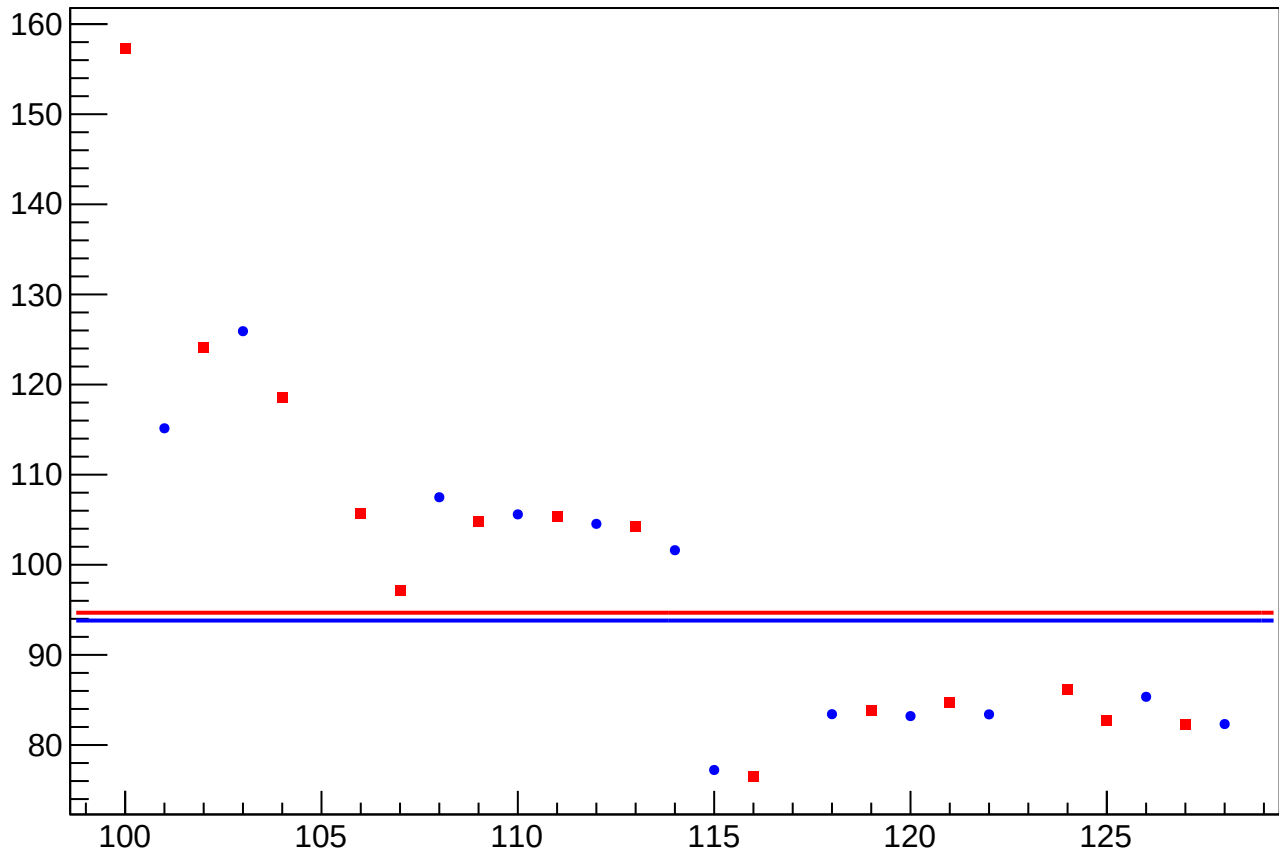
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.719 $\pm$ 29.583 χ^2 /NDF: 55.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_24_68_dd_rms vs Slug



Right In: 93.812+/-0.030 χ^2/NDF : 238303.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.680+/-0.029 χ^2/NDF : 269376.3/13

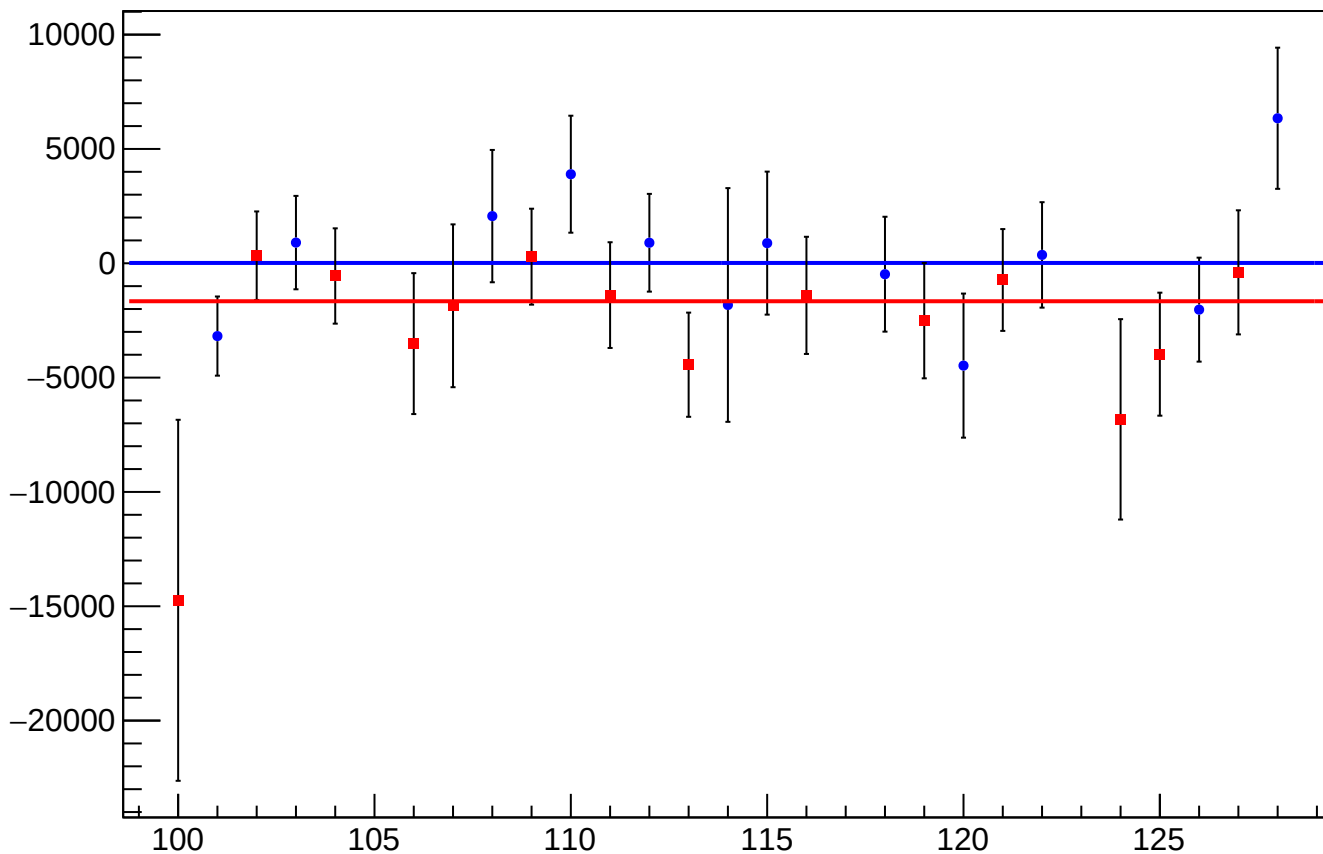
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.260+/-0.021 χ^2/NDF : 508110.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_reg_correction_mean vs Slug



Right In: 14.585+/-715.994 χ^2/NDF : 13.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1660.527+/-683.345 χ^2/NDF : 9.5/13

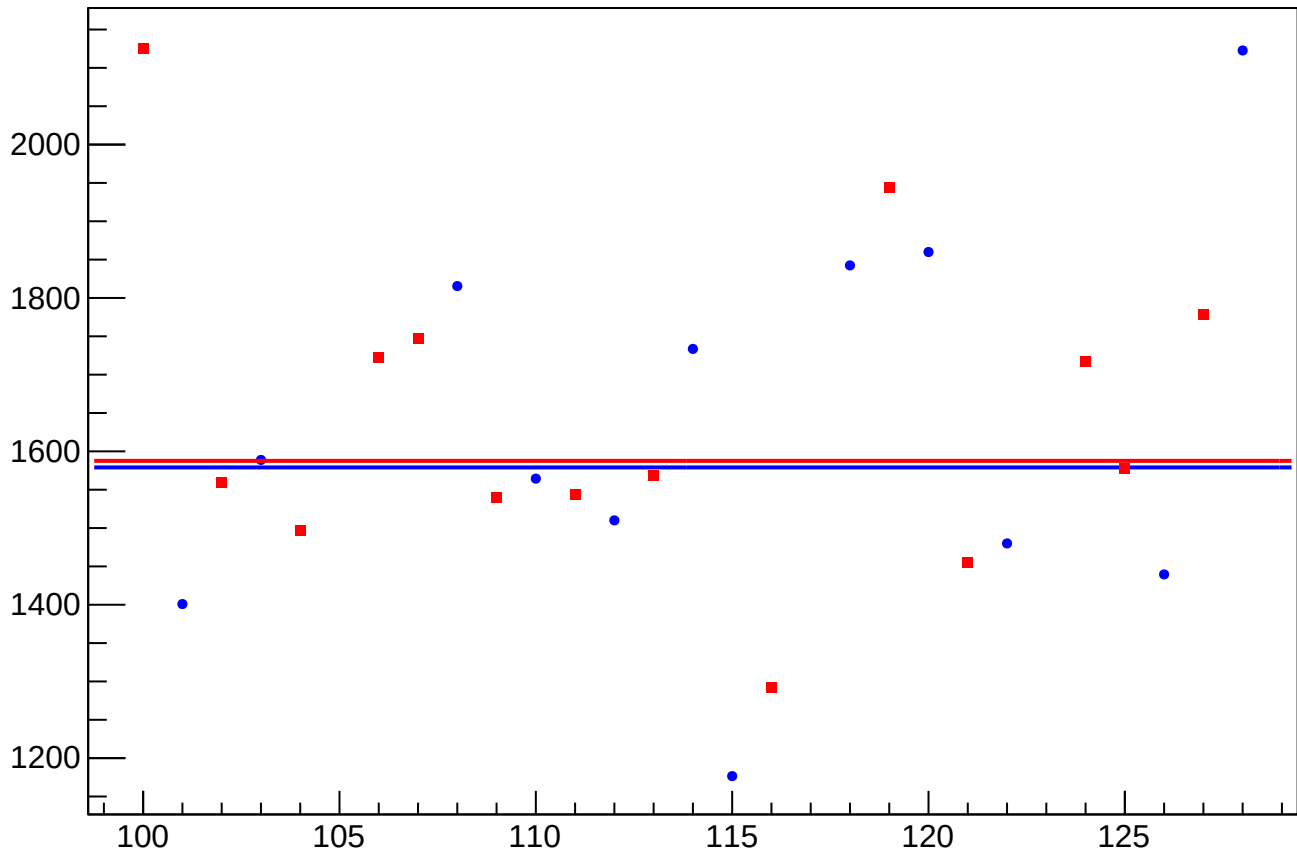
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -862.032+/-494.337 χ^2/NDF : 26.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_reg_correction_rms vs Slug



Right In: 1579.051+/-0.506 χ^2/NDF : 182812.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1587.619+/-0.483 χ^2/NDF : 108490.2/13

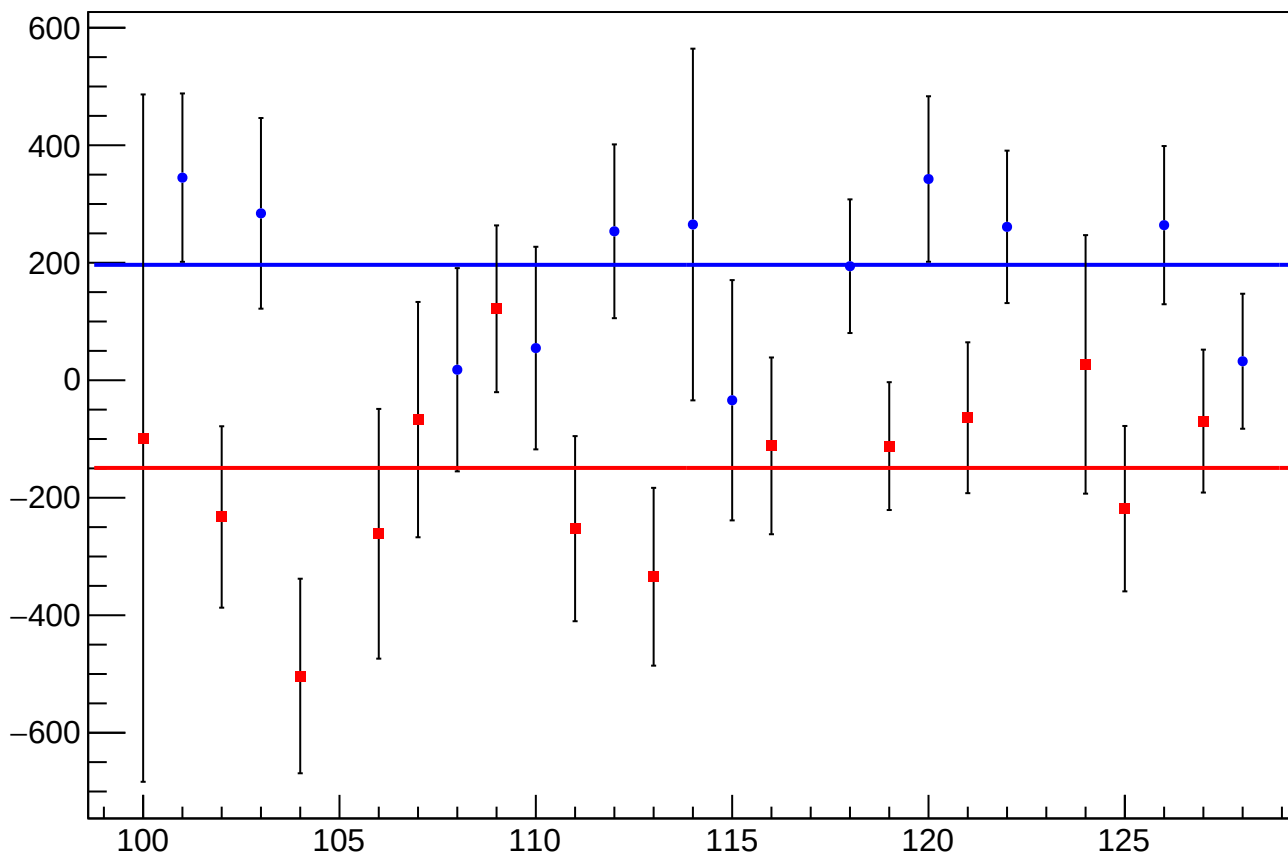
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1583.535+/-0.350 χ^2/NDF : 291452.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_24_68_dd_mean vs Slug



Right In: 196.460 $\pm$ 42.545 χ^2 /NDF: 8.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -149.232 $\pm$ 41.167 χ^2 /NDF: 12.8/13

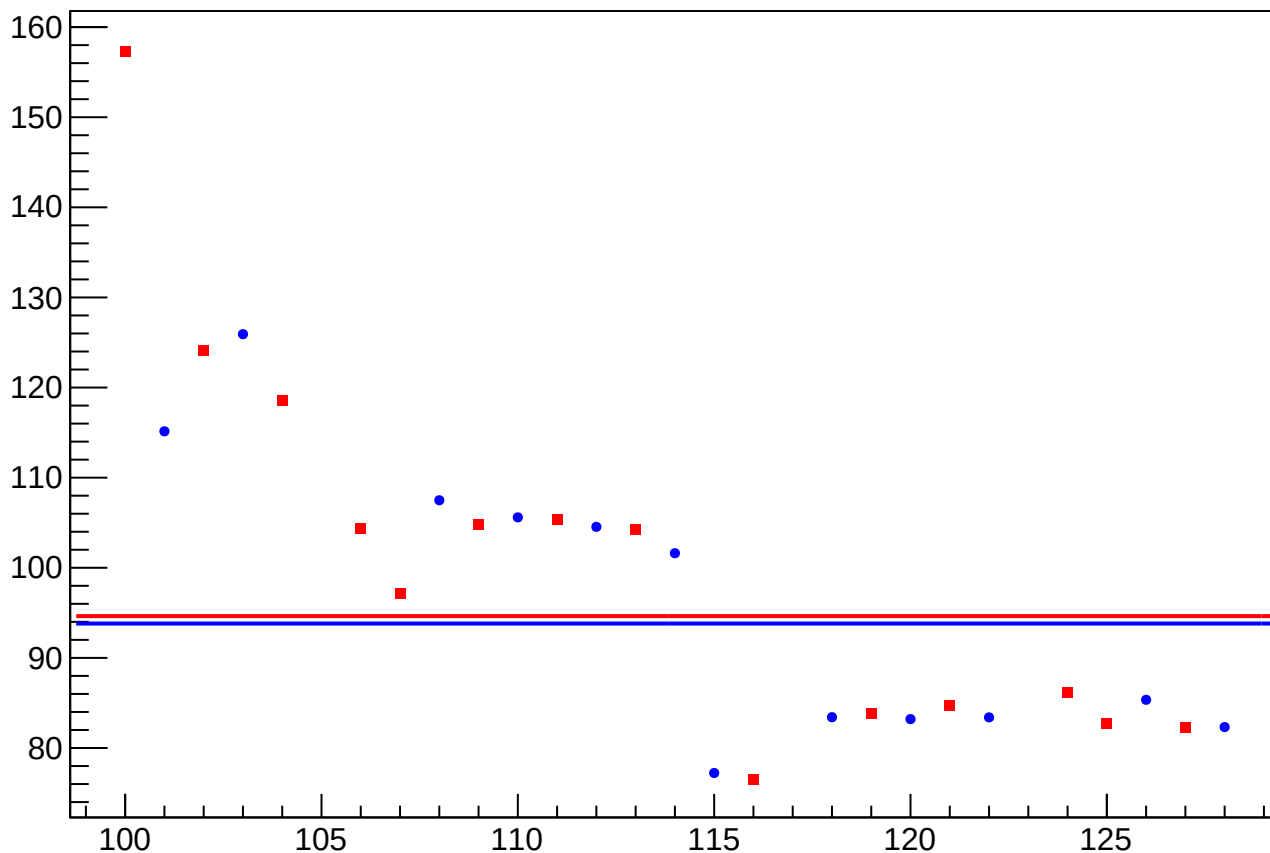
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.927 $\pm$ 29.585 χ^2 /NDF: 55.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_24_68_dd_rms vs Slug



Right In: 93.812+/-0.030 χ^2/NDF : 238304.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.633+/-0.029 χ^2/NDF : 268396.6/13

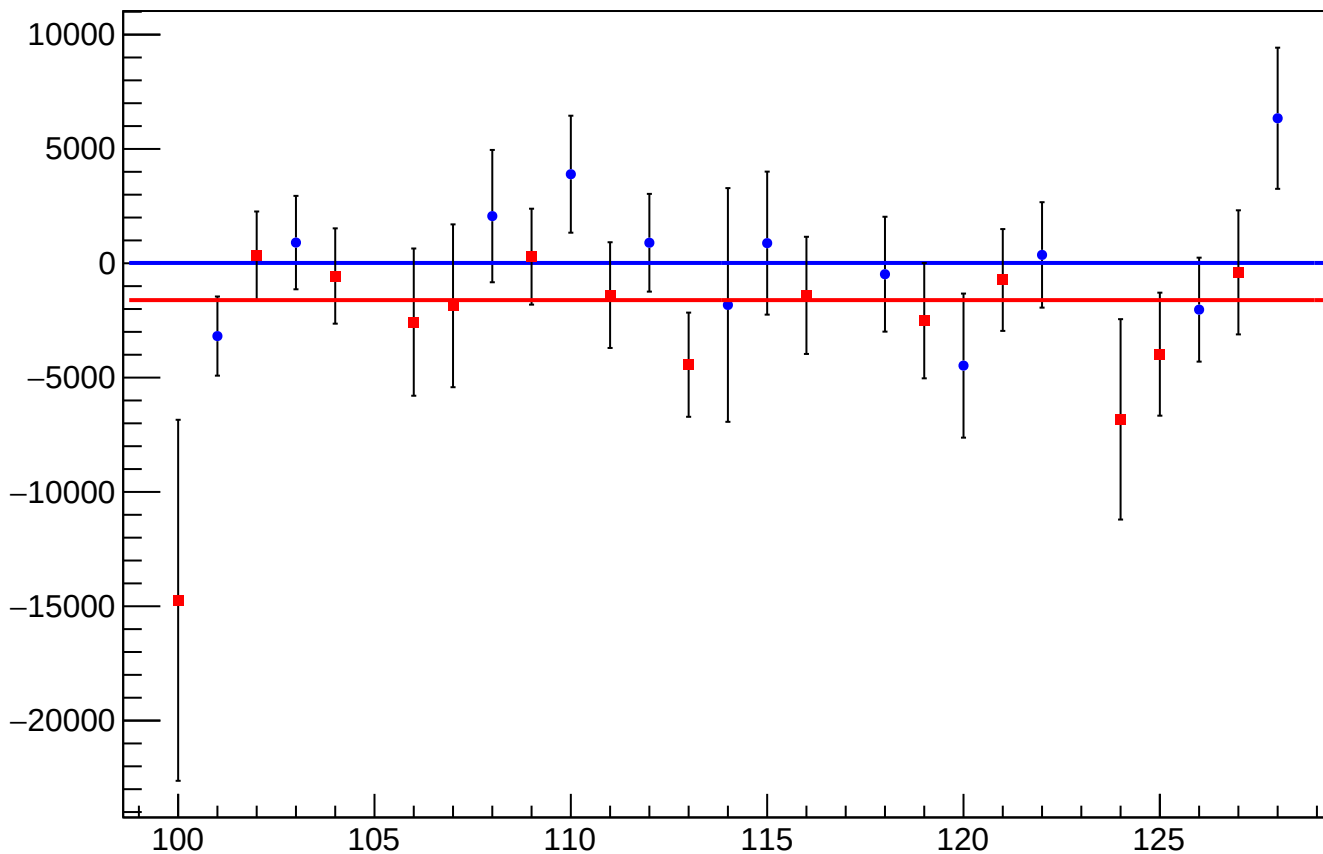
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.236+/-0.021 χ^2/NDF : 507086.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_cor_correction_mean vs Slug



Right In: 14.637+/-715.997 χ^2/NDF : 13.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1610.938+/-684.798 χ^2/NDF : 9.2/13

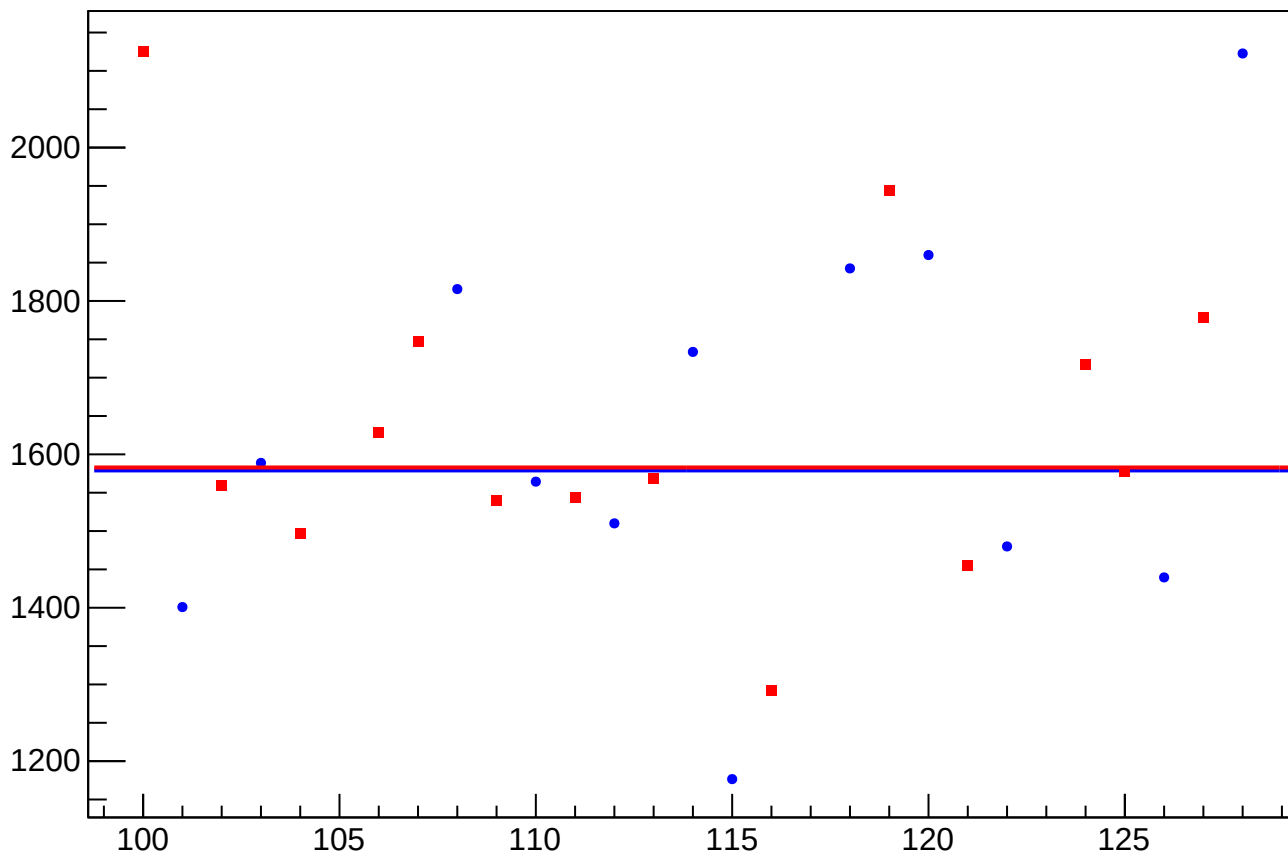
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -834.338+/-494.888 χ^2/NDF : 25.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_cor_correction_rms vs Slug



Right In: 1579.058 $\pm$ 0.506 χ^2 /NDF: 182813.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1582.888 $\pm$ 0.484 χ^2 /NDF: 104870.2/13

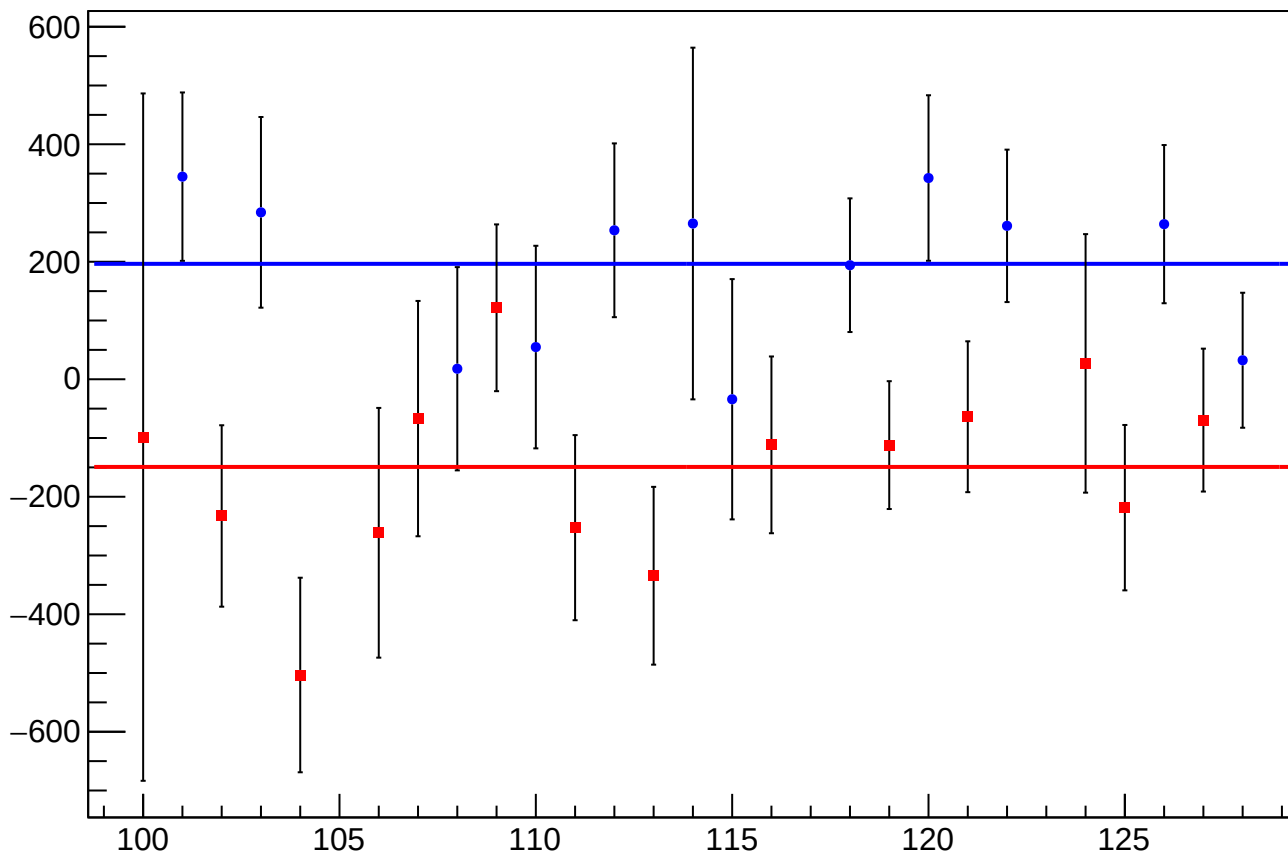
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1581.058 $\pm$ 0.350 χ^2 /NDF: 287713.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_24_68_dd_mean vs Slug



Right In: 196.460 $\pm$ 42.545 χ^2 /NDF: 8.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -149.232 $\pm$ 41.167 χ^2 /NDF: 12.8/13

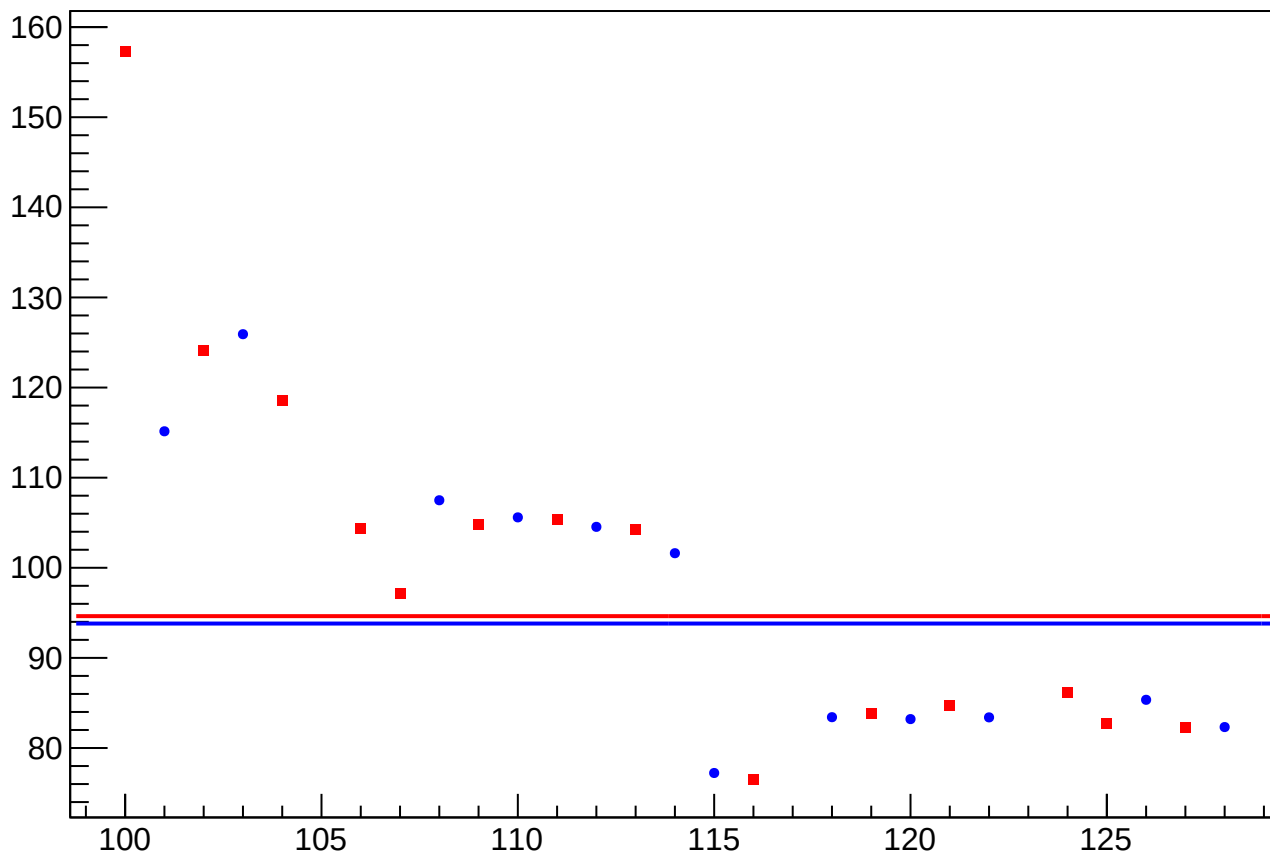
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.927 $\pm$ 29.585 χ^2 /NDF: 55.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_24_68_dd_rms vs Slug



Right In: 93.812 $\pm$ 0.030 χ^2 /NDF: 238304.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 94.633 $\pm$ 0.029 χ^2 /NDF: 268396.6/13

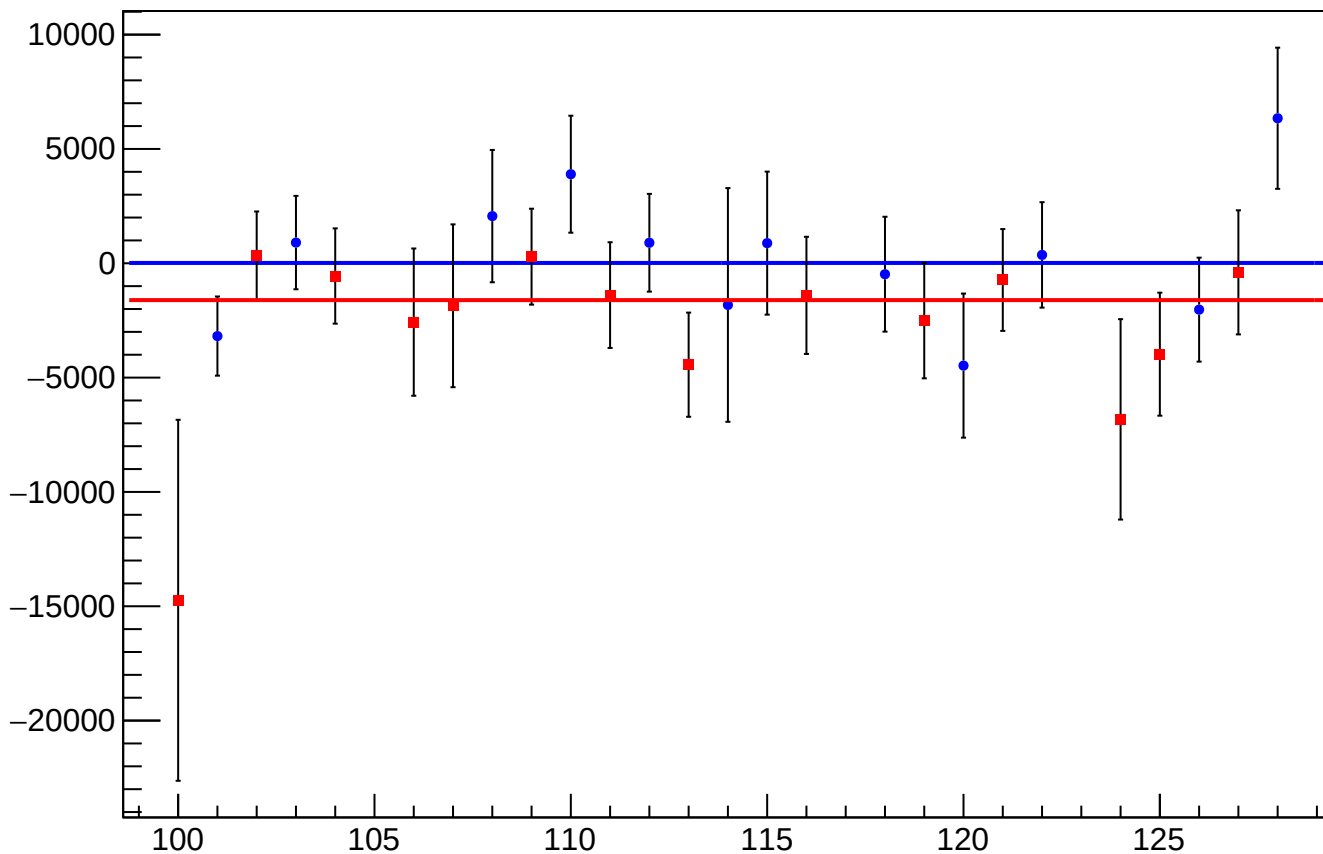
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 94.236 $\pm$ 0.021 χ^2 /NDF: 507086.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_cor_correction_mean vs Slug



Right In: 14.637+/-715.997 χ^2/NDF : 13.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1610.938+/-684.798 χ^2/NDF : 9.2/13

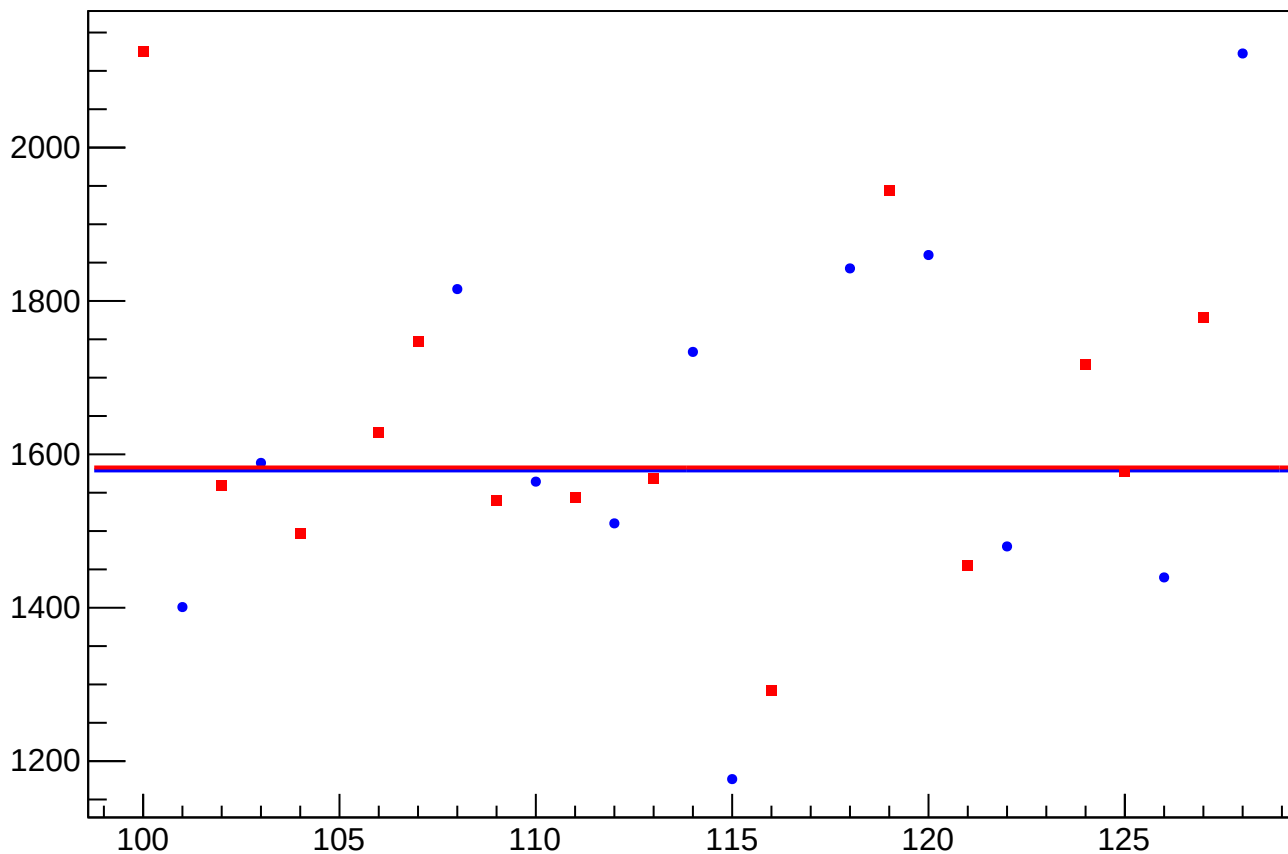
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -834.338+/-494.888 χ^2/NDF : 25.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_eigen_cor_correction_rms vs Slug



Right In: 1579.058 $\pm$ 0.506 χ^2 /NDF: 182813.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1582.888 $\pm$ 0.484 χ^2 /NDF: 104870.2/13

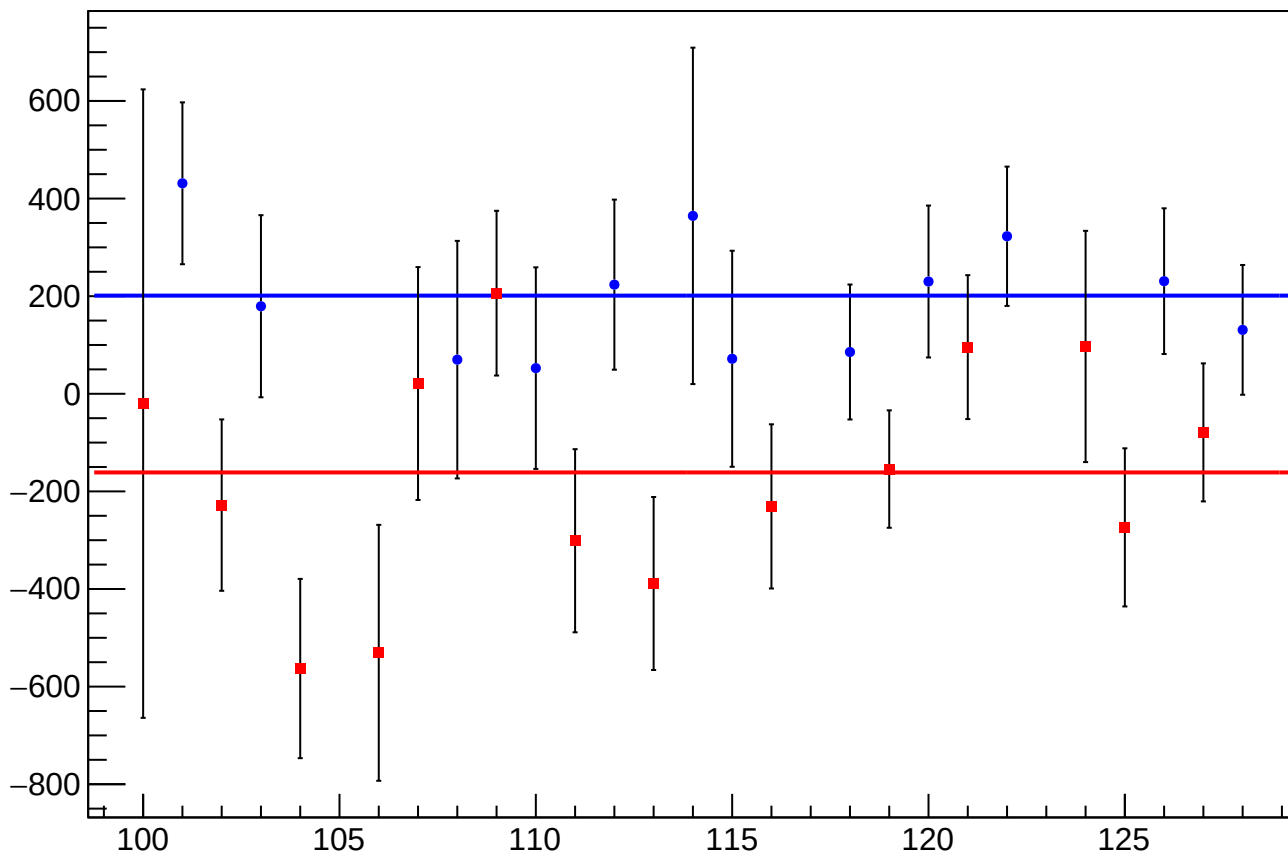
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1581.058 $\pm$ 0.350 χ^2 /NDF: 287713.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_24_68_dd_mean vs Slug



Right In: 201.135 $\pm$ 49.308 χ^2 /NDF: 5.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -161.155 $\pm$ 47.228 χ^2 /NDF: 19.7/13

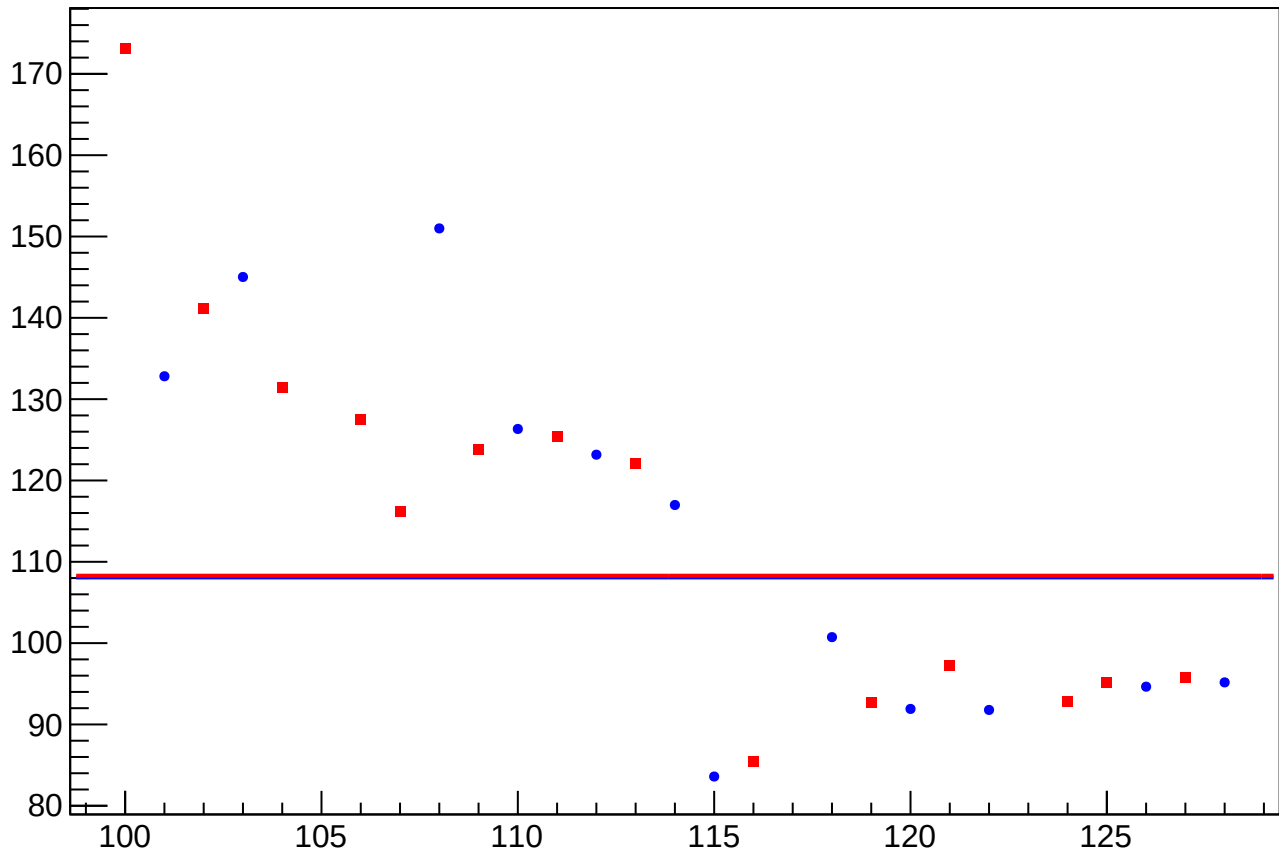
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.189 $\pm$ 34.107 χ^2 /NDF: 53.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_24_68_dd_rms vs Slug



Right In: 108.083+/-0.035 χ^2/NDF : 329928.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.290+/-0.033 χ^2/NDF : 299915.0/13

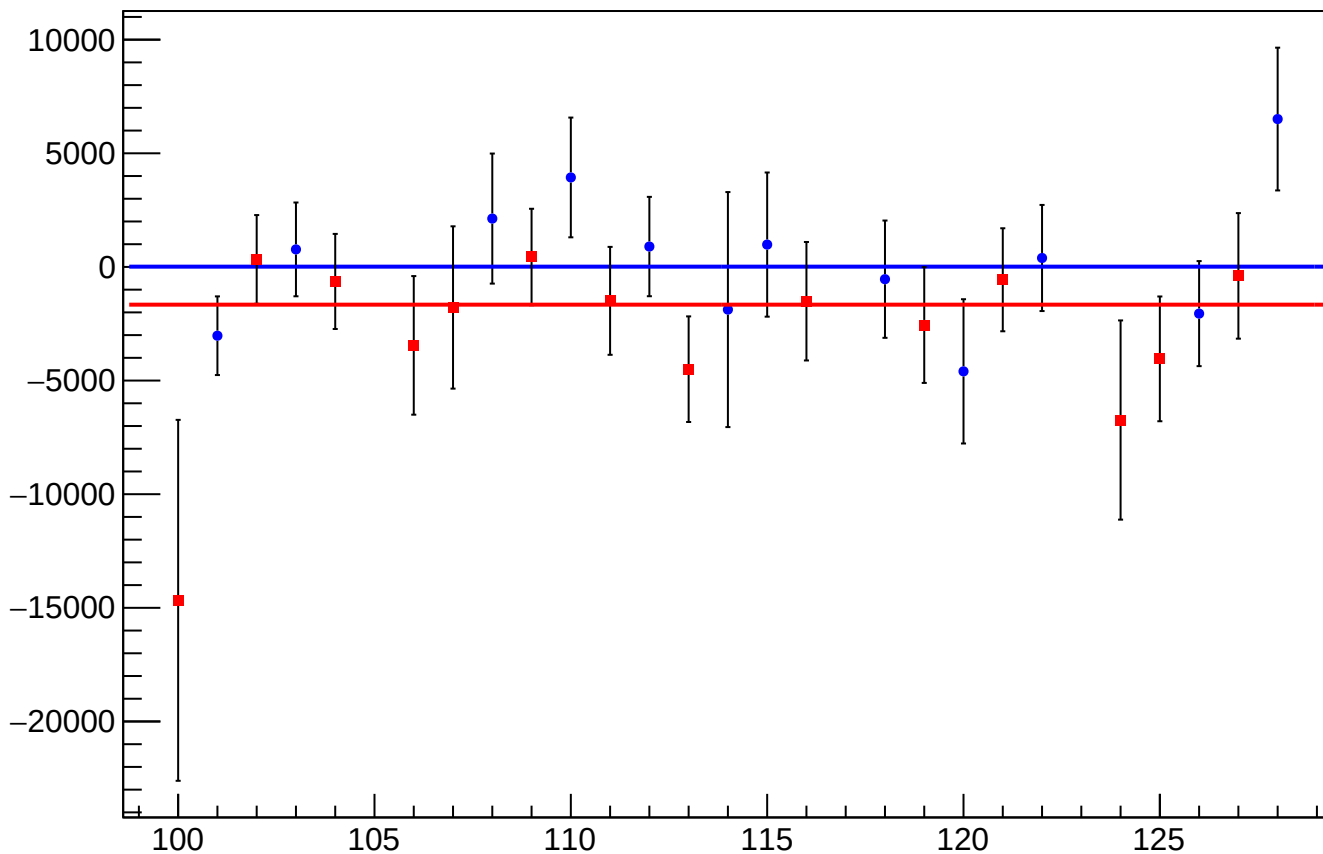
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.191+/-0.024 χ^2/NDF : 629862.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_dit_correction_mean vs Slug



Right In: 12.183+/-724.980 χ^2 /NDF: 13.6/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1660.291+/-691.822 χ^2 /NDF: 9.5/13

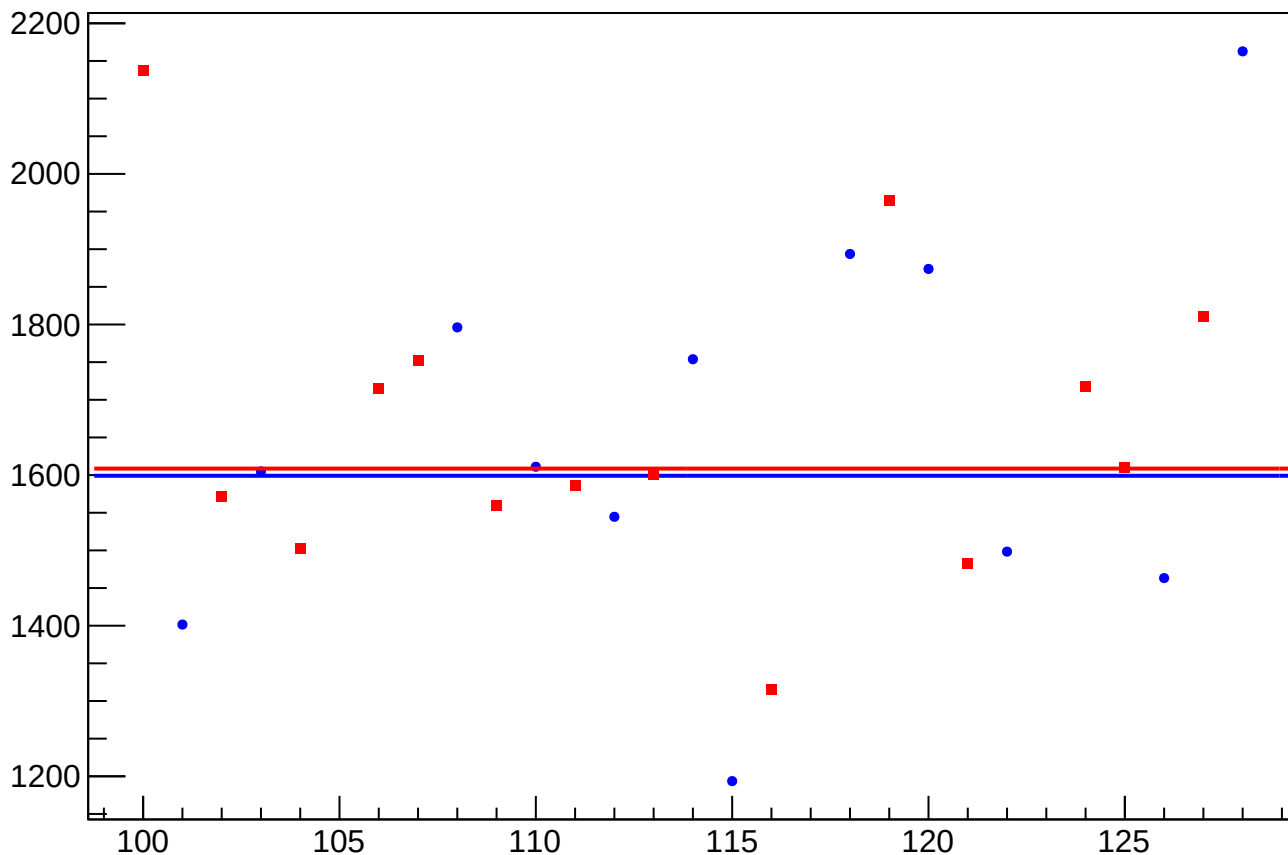
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -863.174+/-500.504 χ^2 /NDF: 25.9/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_dit_correction_rms vs Slug



Right In: 1599.109+/-0.513 χ^2/NDF : 187424.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1608.647+/-0.489 χ^2/NDF : 104079.7/13

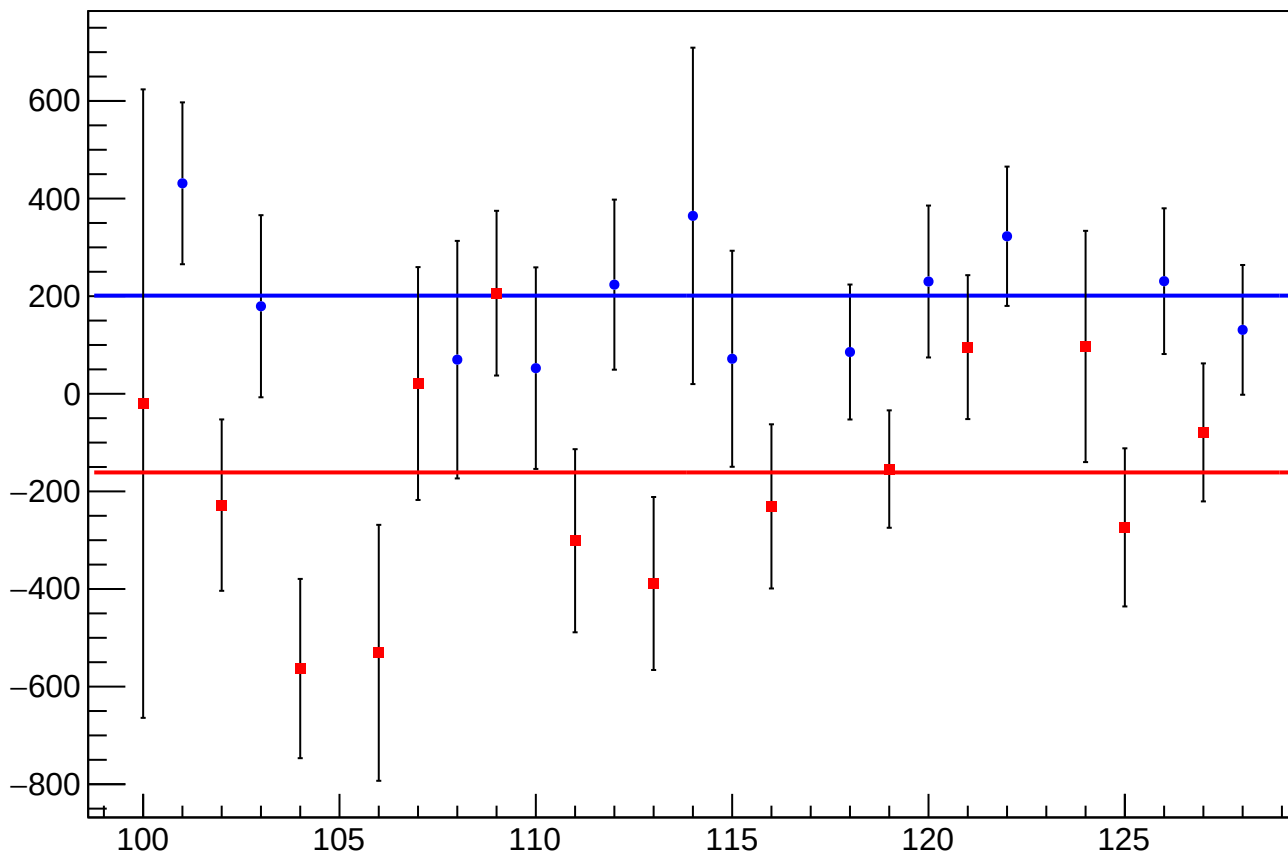
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1604.101+/-0.354 χ^2/NDF : 291685.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_24_68_dd_mean vs Slug



Right In: 201.133 $\pm$ 49.307 χ^2 /NDF: 5.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -161.152 $\pm$ 47.228 χ^2 /NDF: 19.7/13

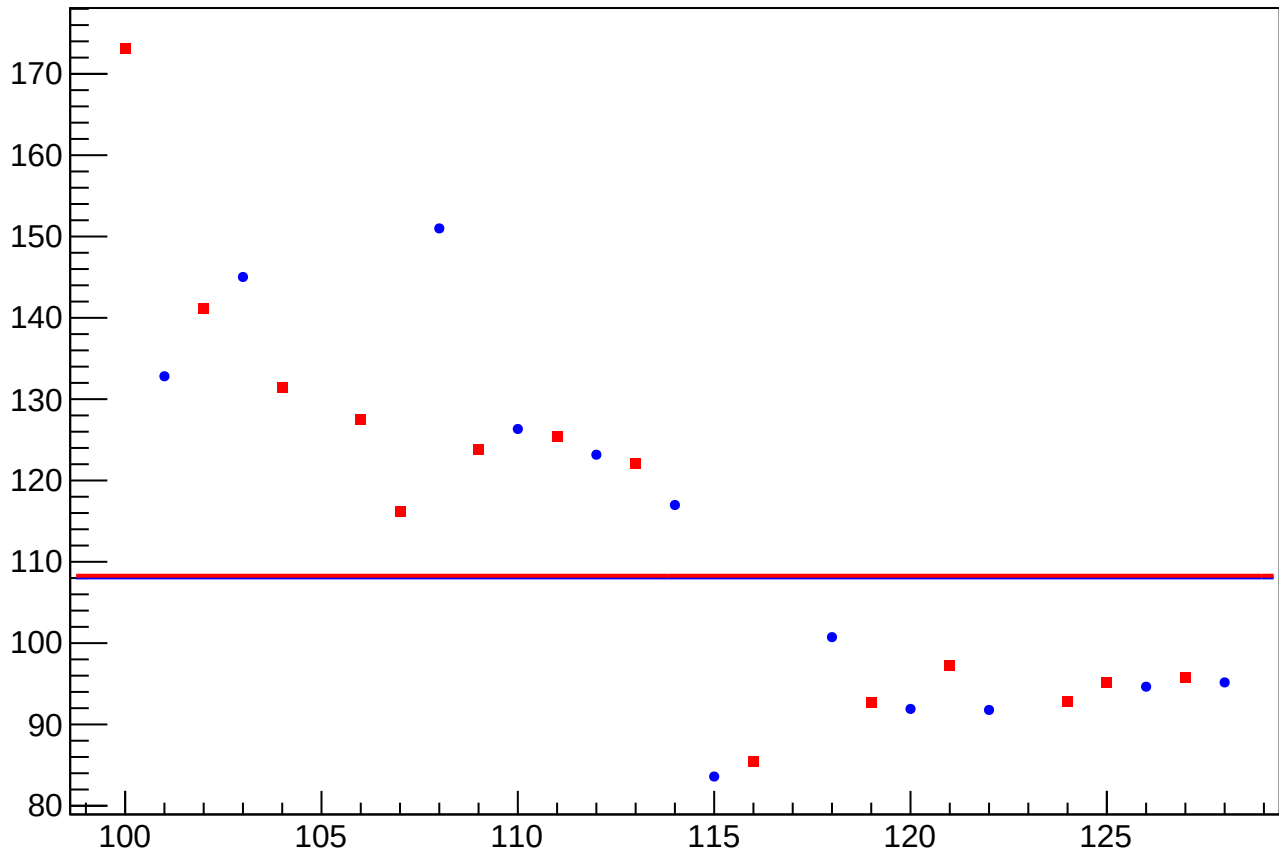
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.190 $\pm$ 34.106 χ^2 /NDF: 53.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_24_68_dd_rms vs Slug



Right In: 108.082 $\pm$ 0.035 χ^2 /NDF: 329931.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 108.289 $\pm$ 0.033 χ^2 /NDF: 299912.3/13

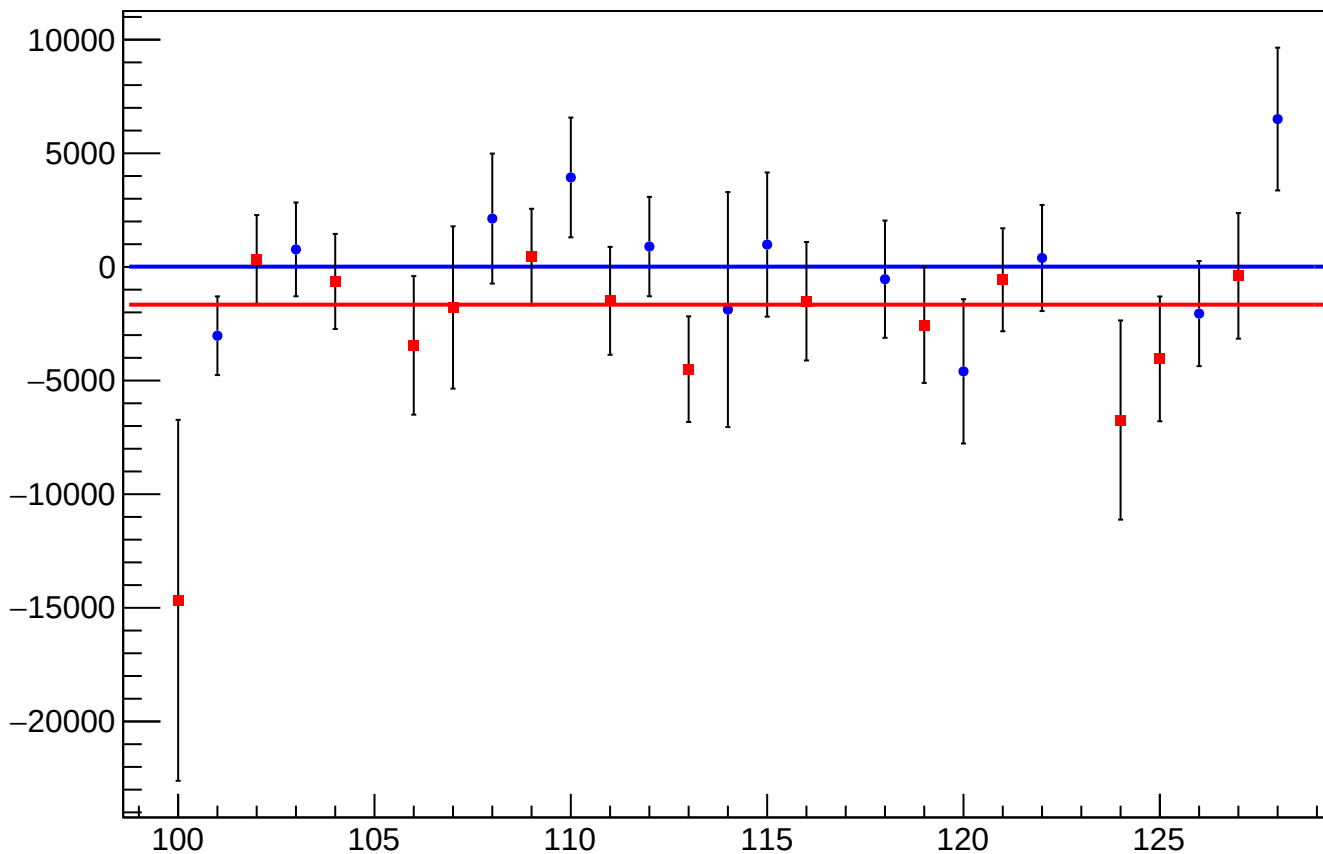
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 108.190 $\pm$ 0.024 χ^2 /NDF: 629862.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_dit_correction_mean vs Slug



Right In: 12.186+/-724.979 χ^2 /NDF: 13.6/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1660.289+/-691.821 χ^2 /NDF: 9.5/13

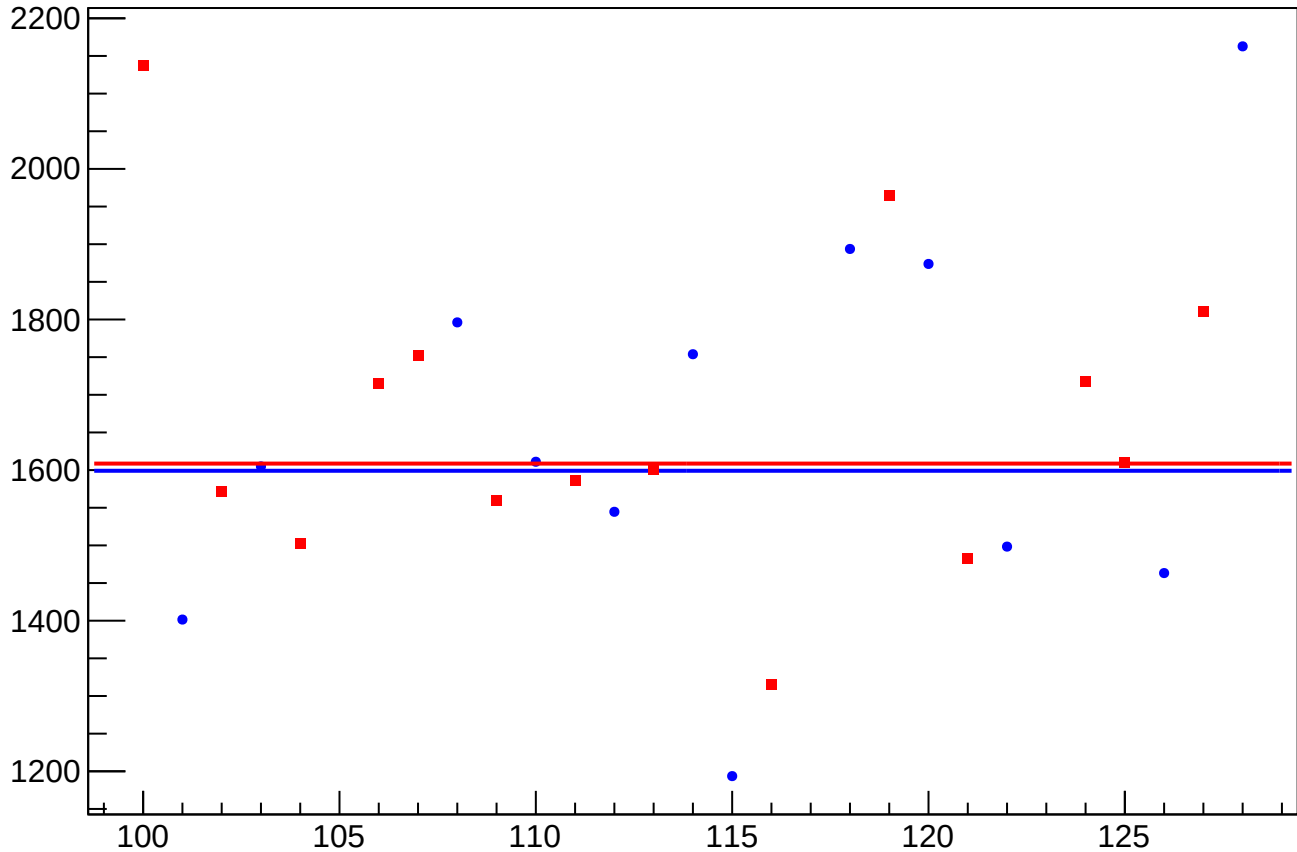
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -863.172+/-500.503 χ^2 /NDF: 25.9/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_dit_correction_rms vs Slug



Right In: 1599.107+/-0.513 χ^2/NDF : 187422.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1608.644+/-0.489 χ^2/NDF : 104079.9/13

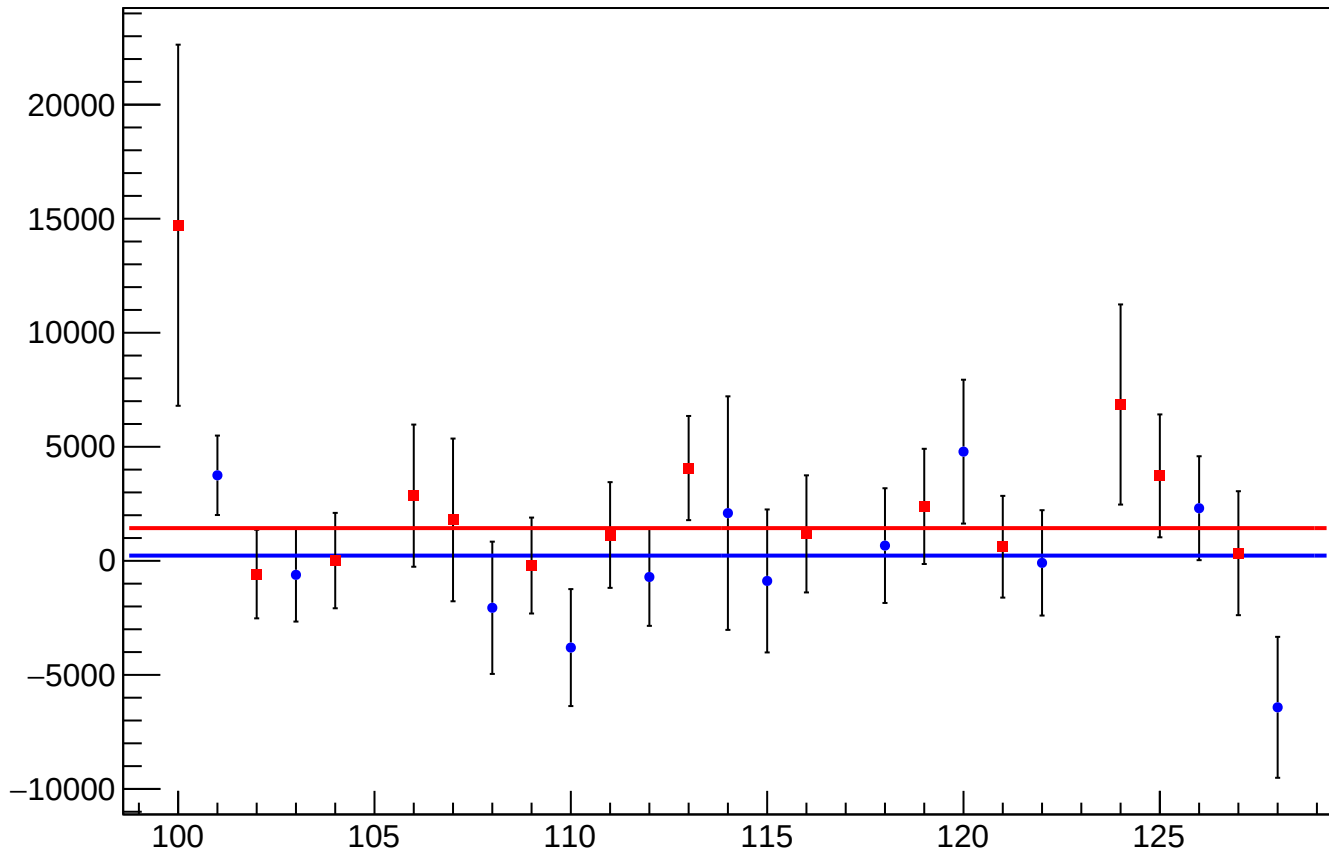
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1604.098+/-0.354 χ^2/NDF : 291683.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_mean vs Slug



Right In: 229.835 $\pm$ 717.881 χ^2 /NDF: 15.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1434.809 $\pm$ 685.138 χ^2 /NDF: 9.2/13

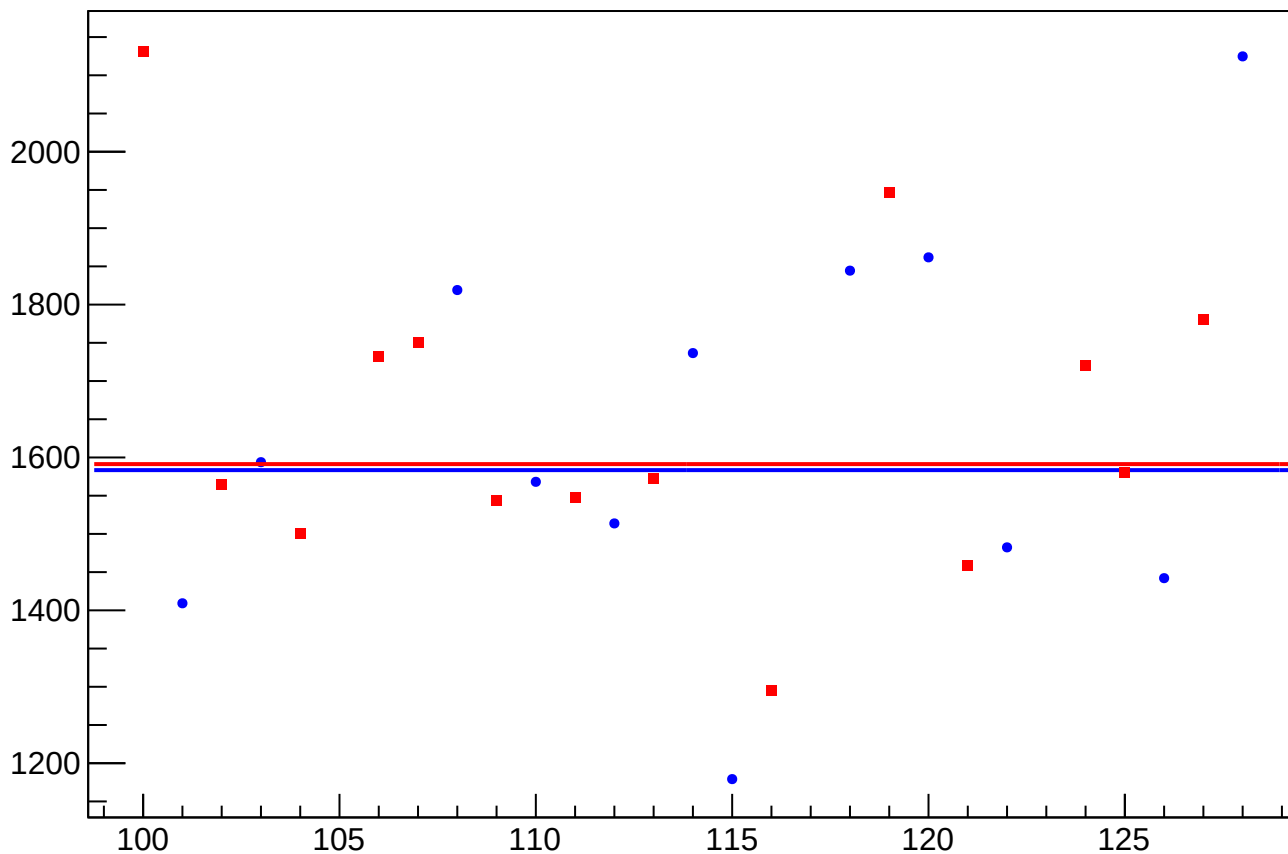
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 860.427 $\pm$ 495.637 χ^2 /NDF: 26.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_rms vs Slug



Right In: 1583.445 $\pm$ 0.508 χ^2 /NDF: 180555.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

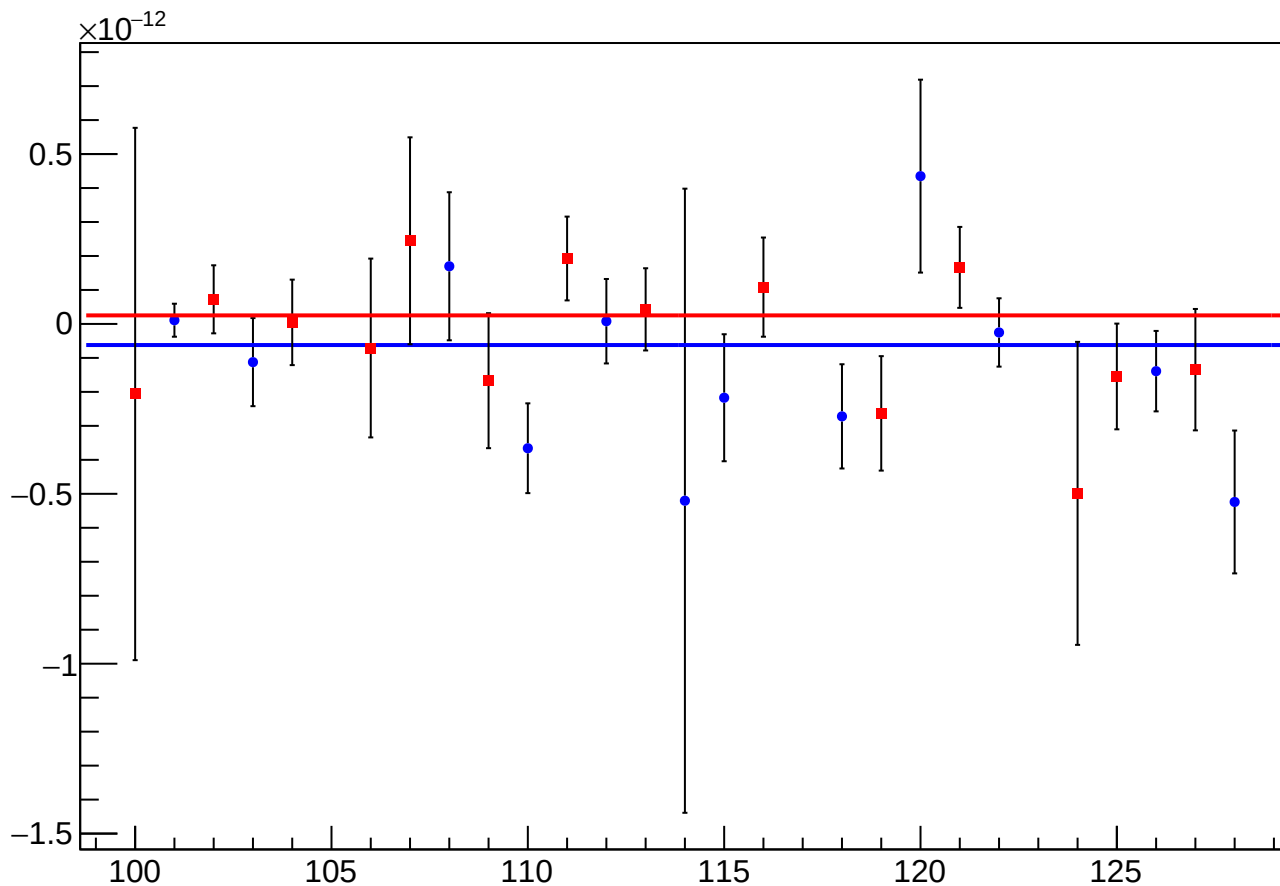
Right Out: 1591.316 $\pm$ 0.484 χ^2 /NDF: 108076.8/13

All: 1587.564 $\pm$ 0.350 χ^2 /NDF: 288758.4/25

- sign 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 : 20.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.0/13

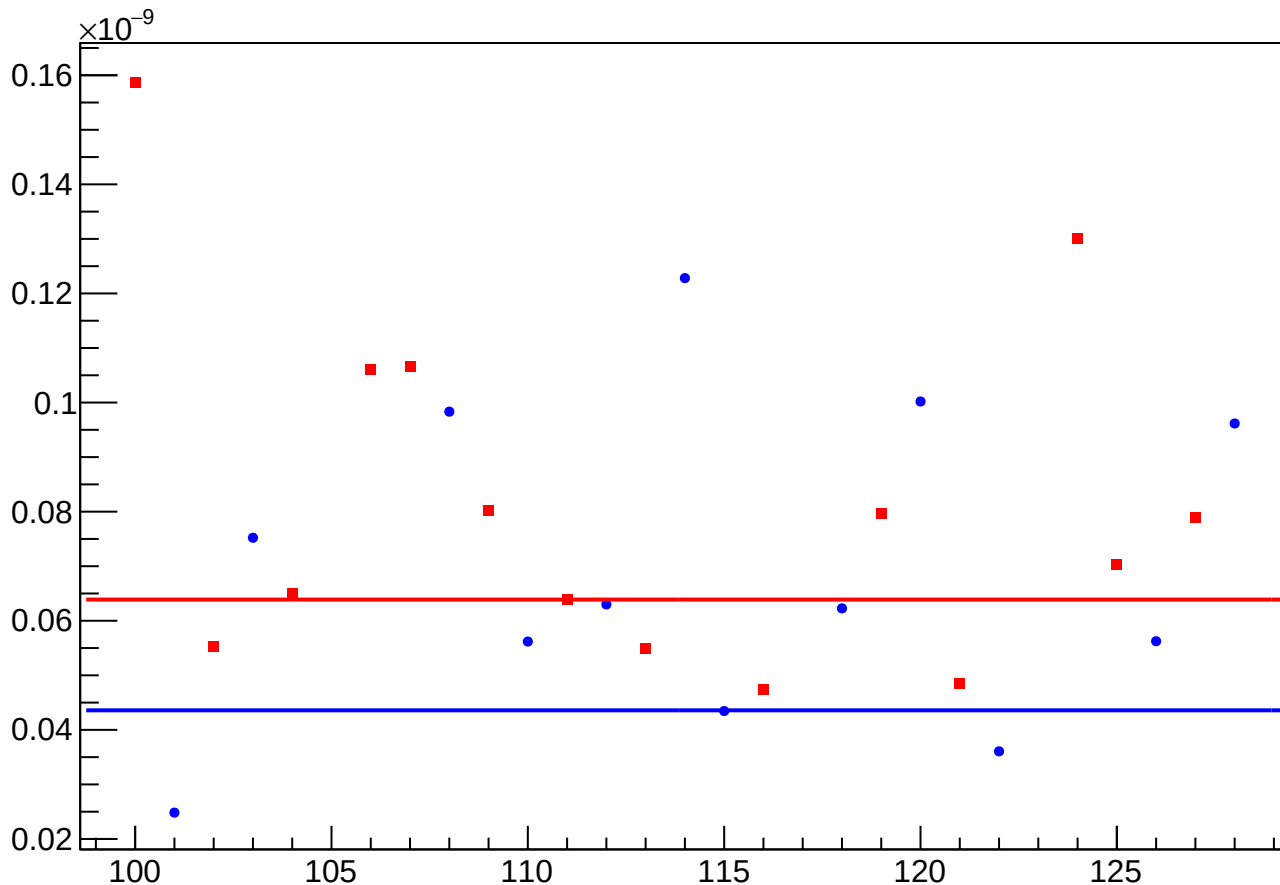
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 35.1/25

- 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 : 893815.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 296908.3/13

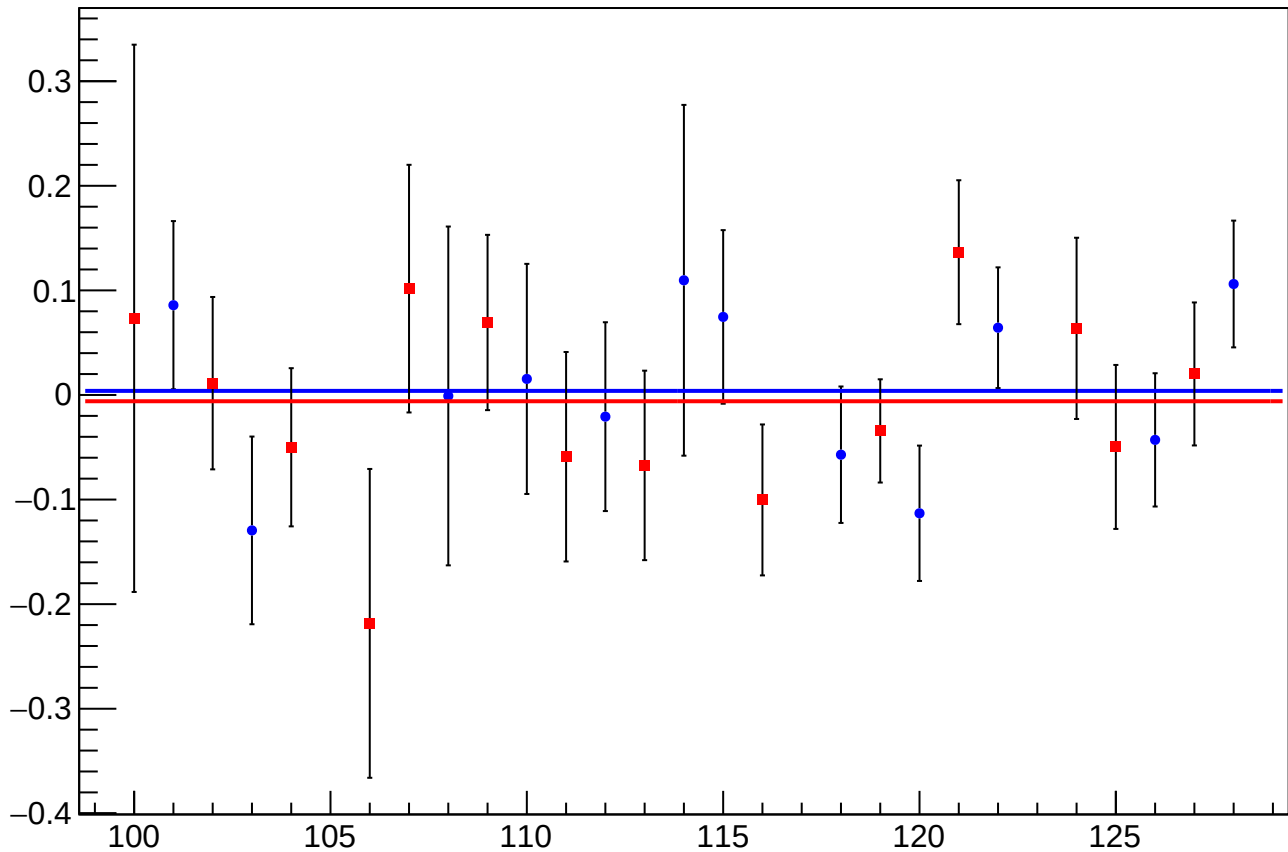
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1481836.4/25

- 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: 0.004 $\pm$ 0.022 χ^2 /NDF: 13.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.006 $\pm$ 0.022 χ^2 /NDF: 12.3/13

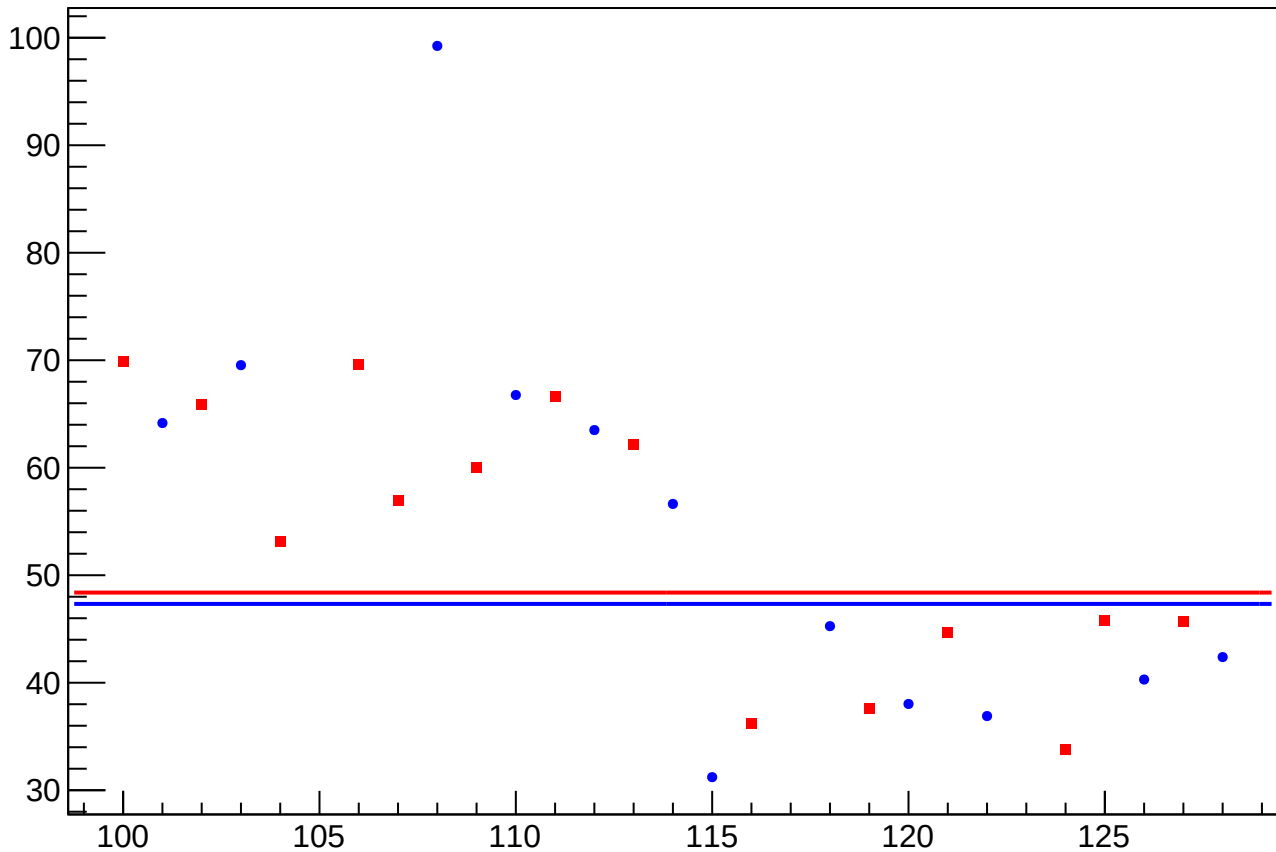
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.016 χ^2 /NDF: 25.5/25

- 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: 47.332+/-0.016 χ^2/NDF : 770203.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.387+/-0.015 χ^2/NDF : 534858.4/13

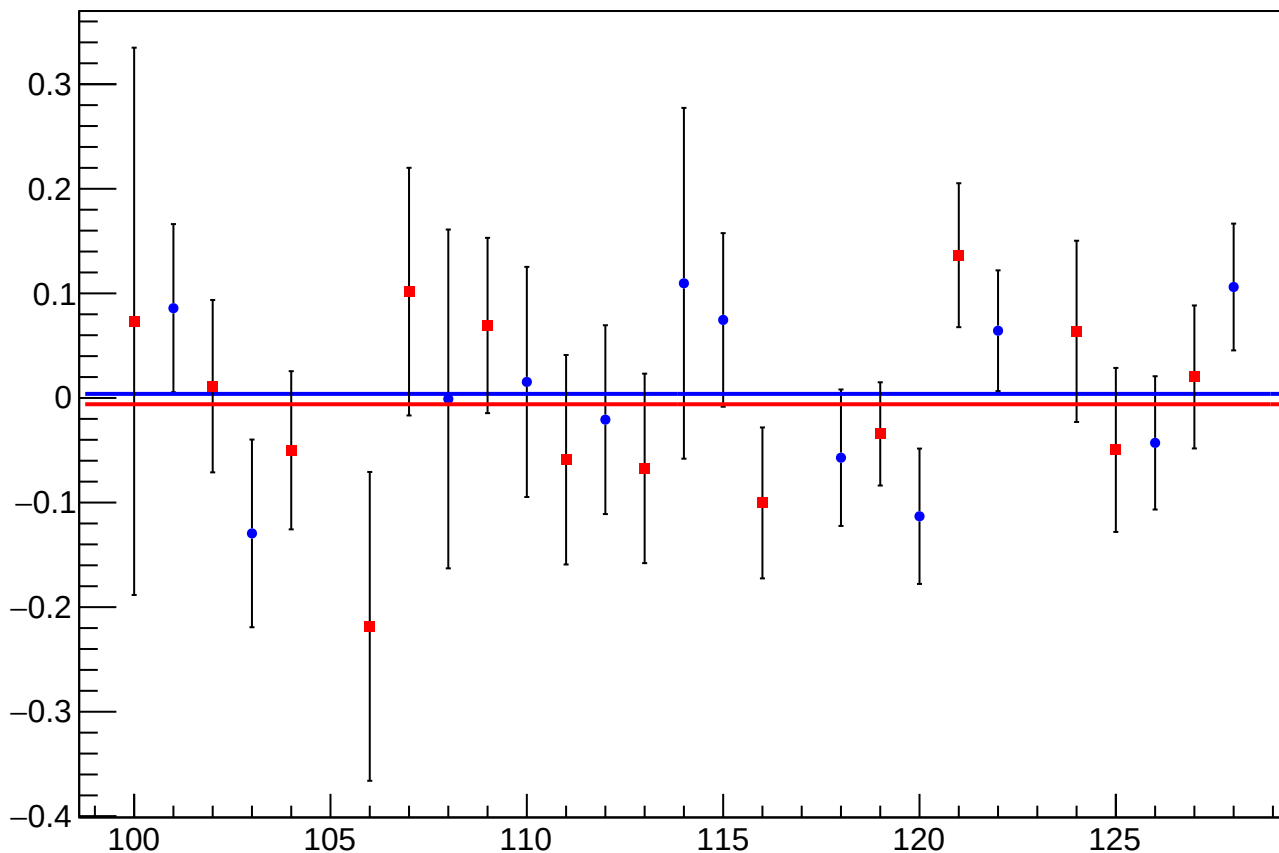
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.878+/-0.011 χ^2/NDF : 1307363.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.004 $\pm$ 0.022 χ^2 /NDF: 13.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.022 χ^2 /NDF: 12.3/13

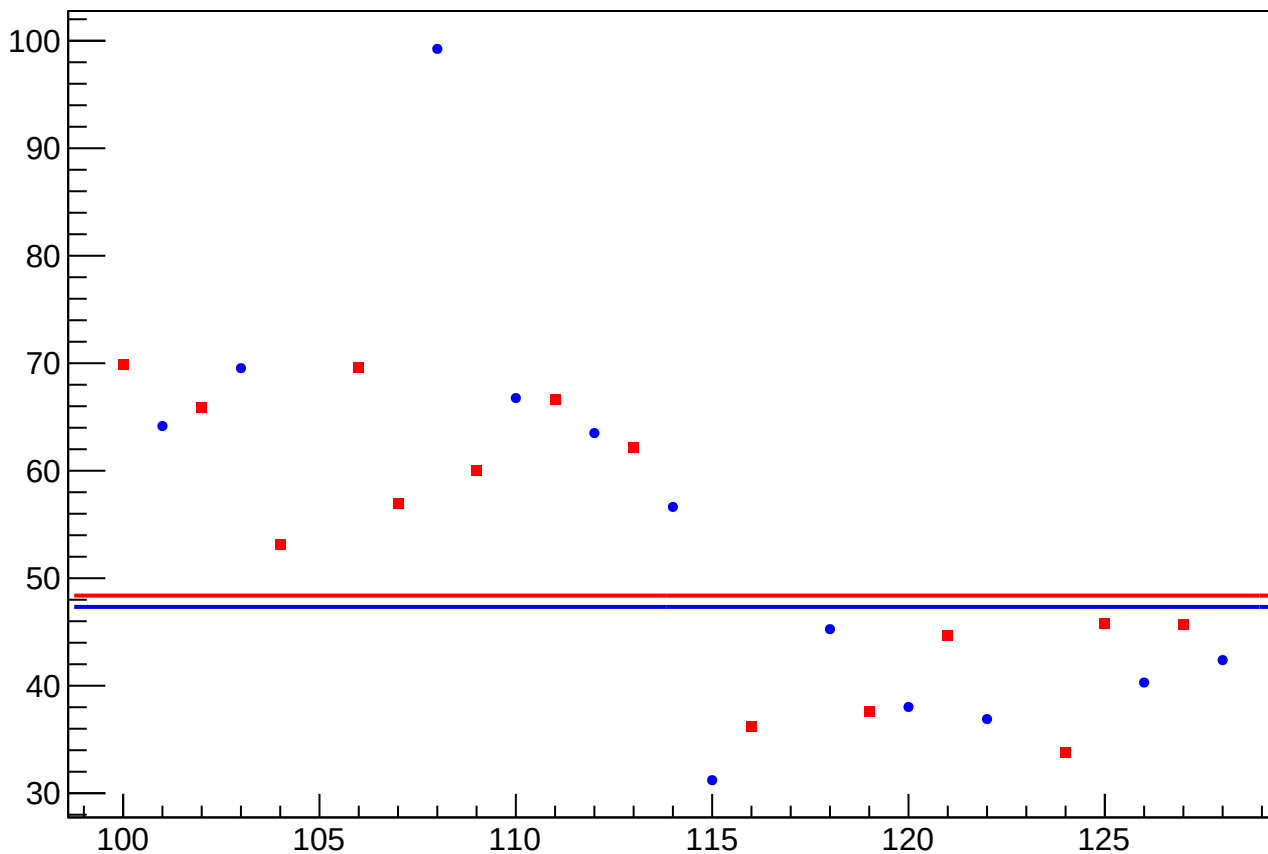
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.016 χ^2 /NDF: 25.5/25

- 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: 47.332+/-0.016 χ^2/NDF : 770203.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.387+/-0.015 χ^2/NDF : 534858.4/13

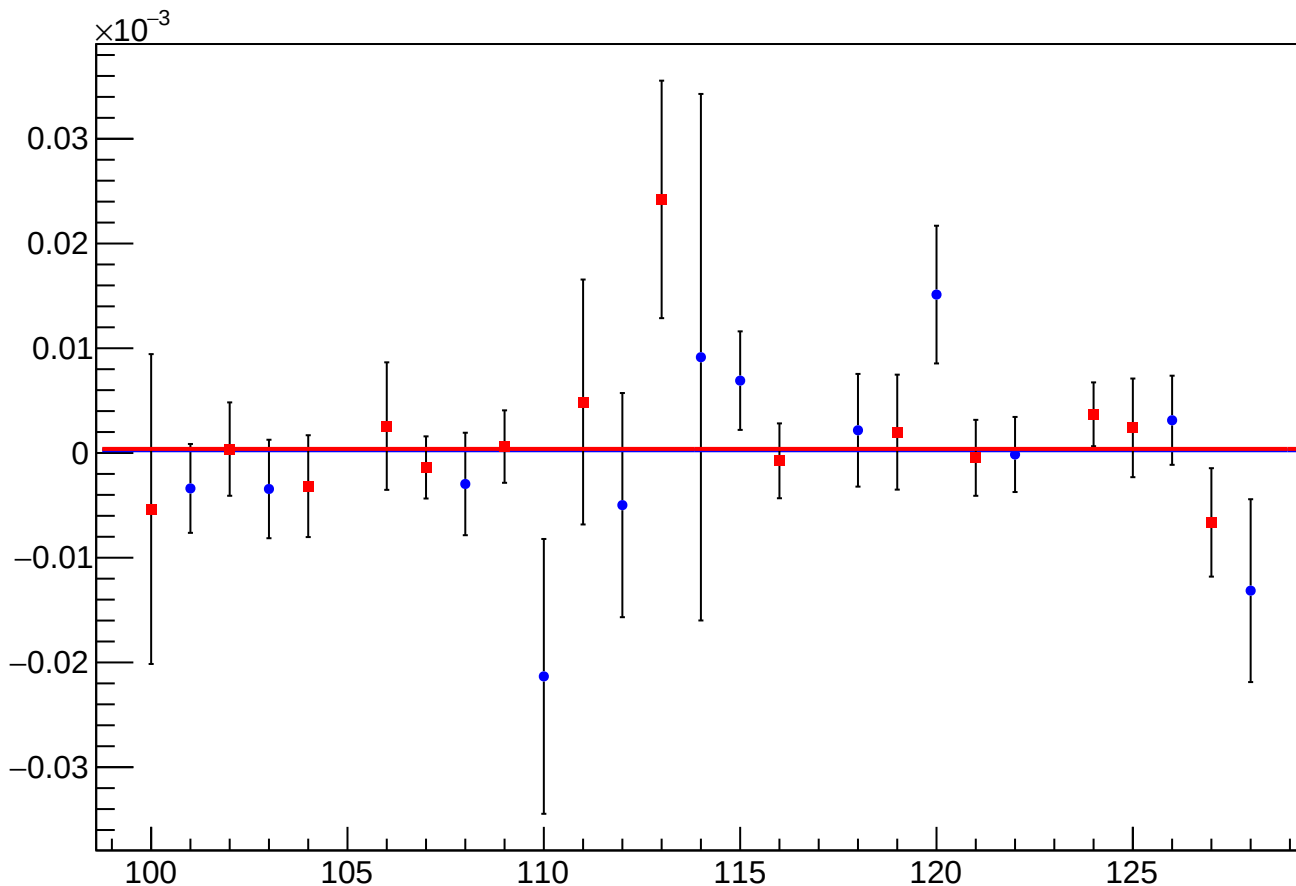
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.878+/-0.011 χ^2/NDF : 1307363.9/25

- 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: 14.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.2/13

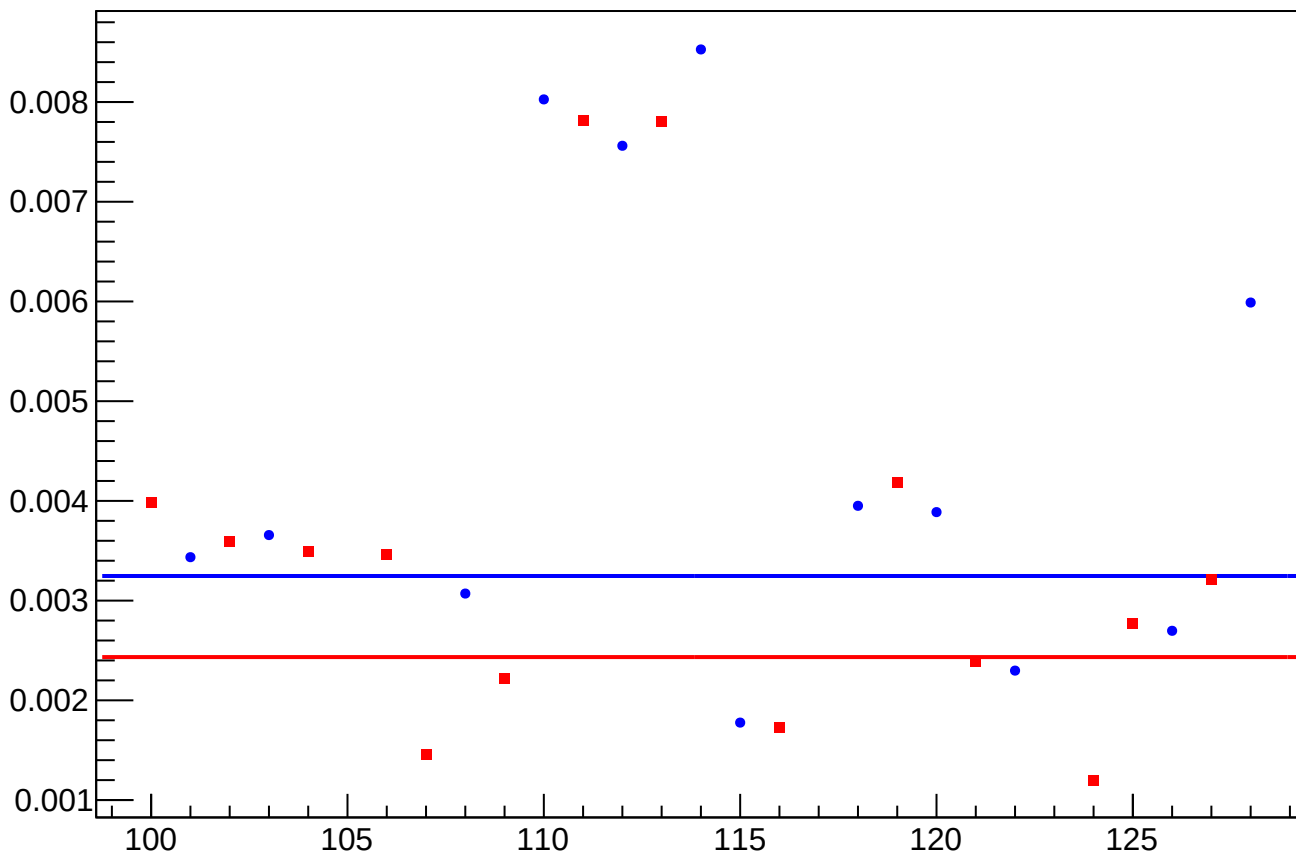
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 24.1/25

- 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 : 1319800.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2072695.7/13

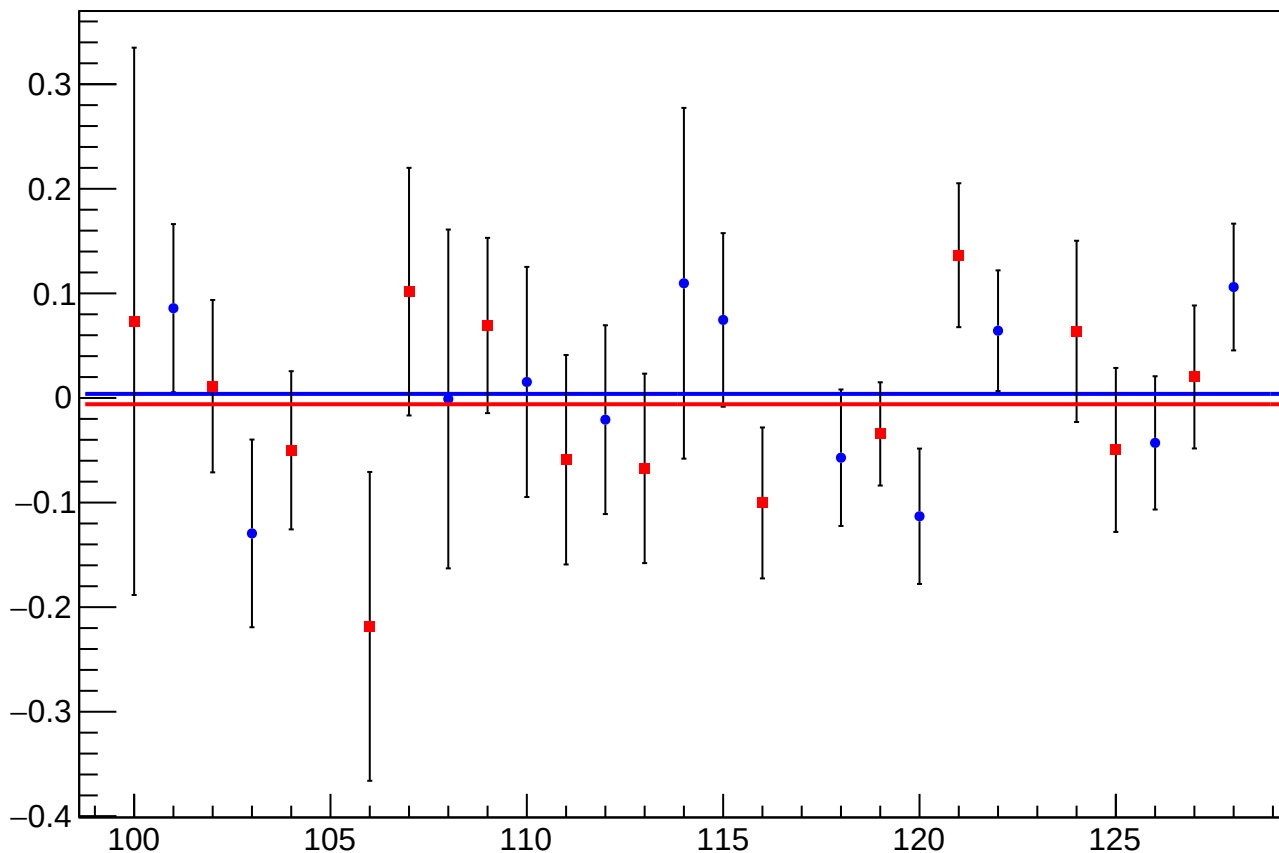
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3735653.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.004 $\pm$ 0.022 χ^2 /NDF: 13.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.006 $\pm$ 0.022 χ^2 /NDF: 12.3/13

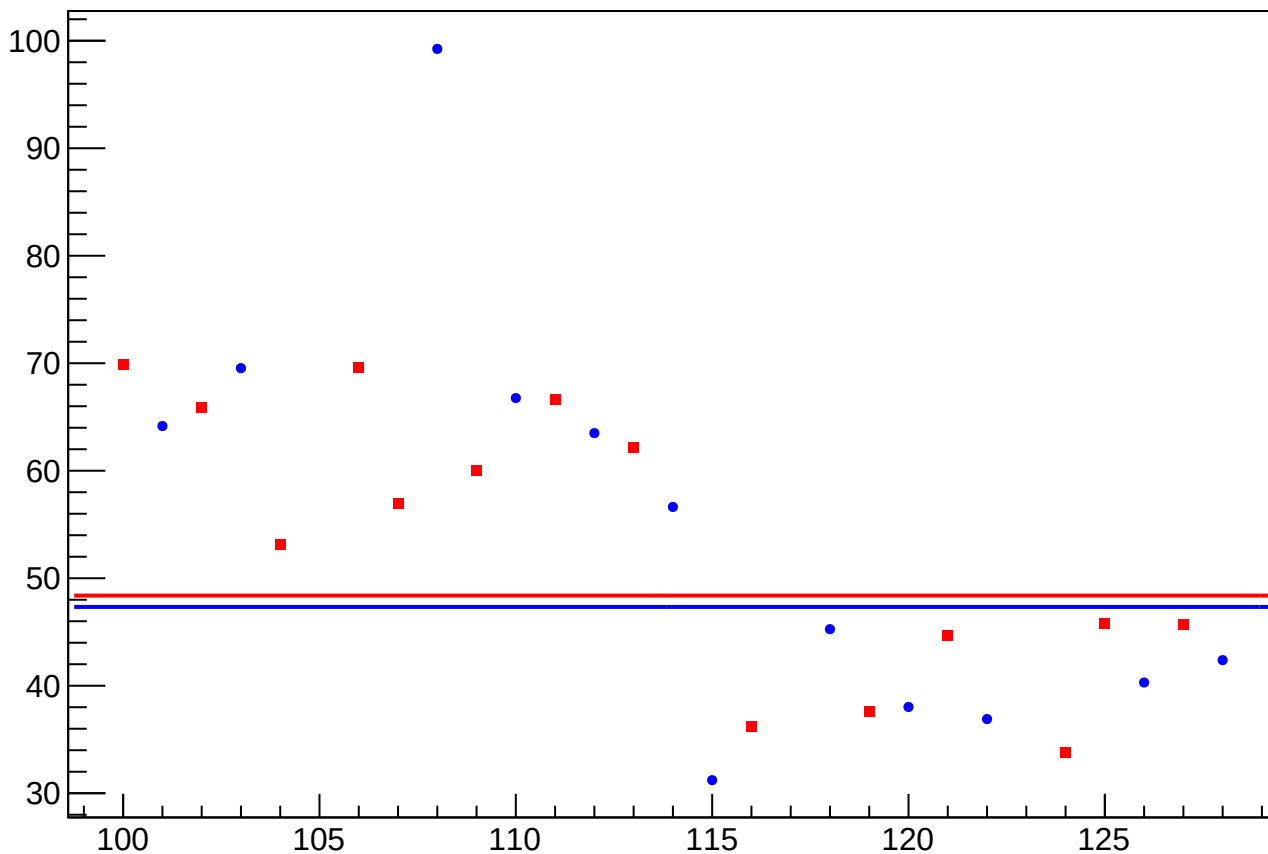
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.016 χ^2 /NDF: 25.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 47.330+/-0.016 χ^2/NDF : 770200.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.386+/-0.015 χ^2/NDF : 534853.4/13

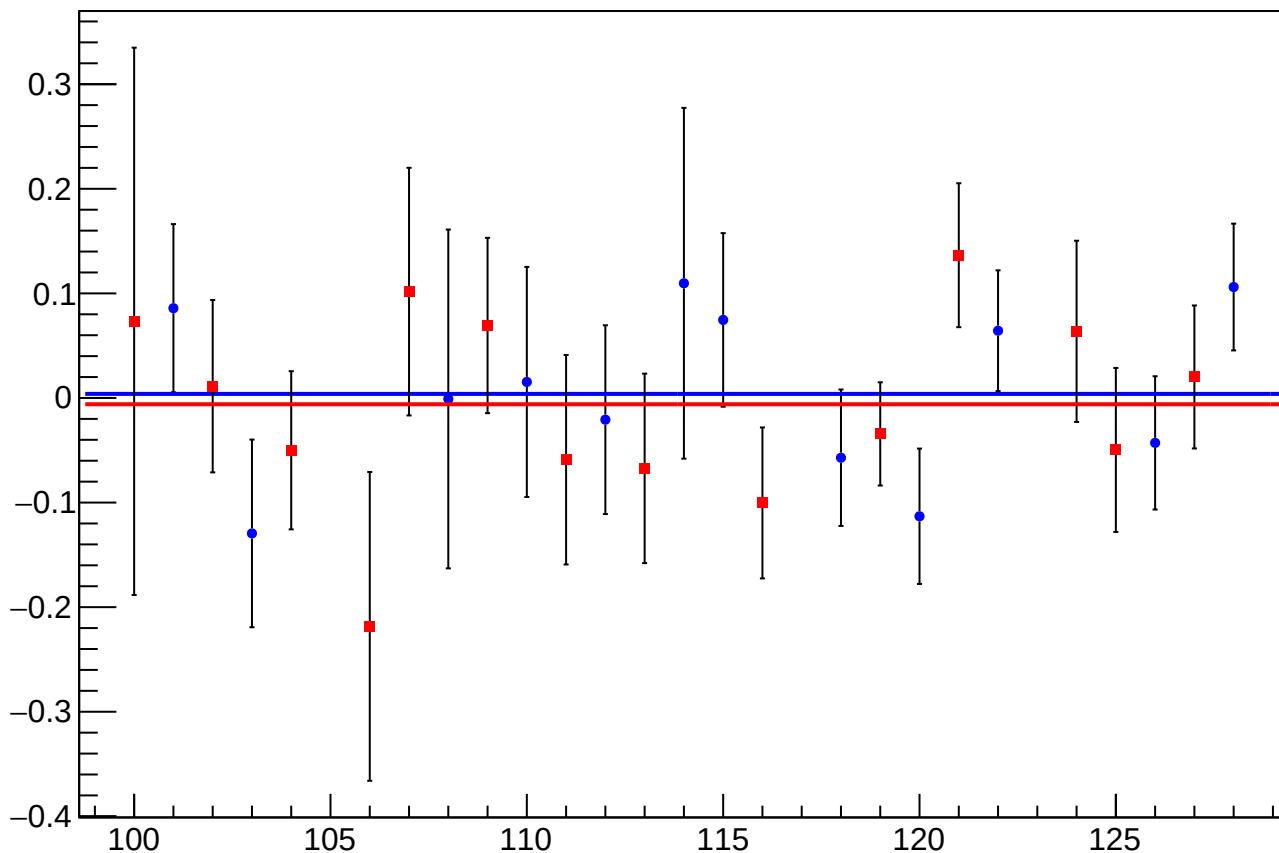
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.877+/-0.011 χ^2/NDF : 1307357.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.004 $\pm$ 0.022 χ^2 /NDF: 13.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.022 χ^2 /NDF: 12.3/13

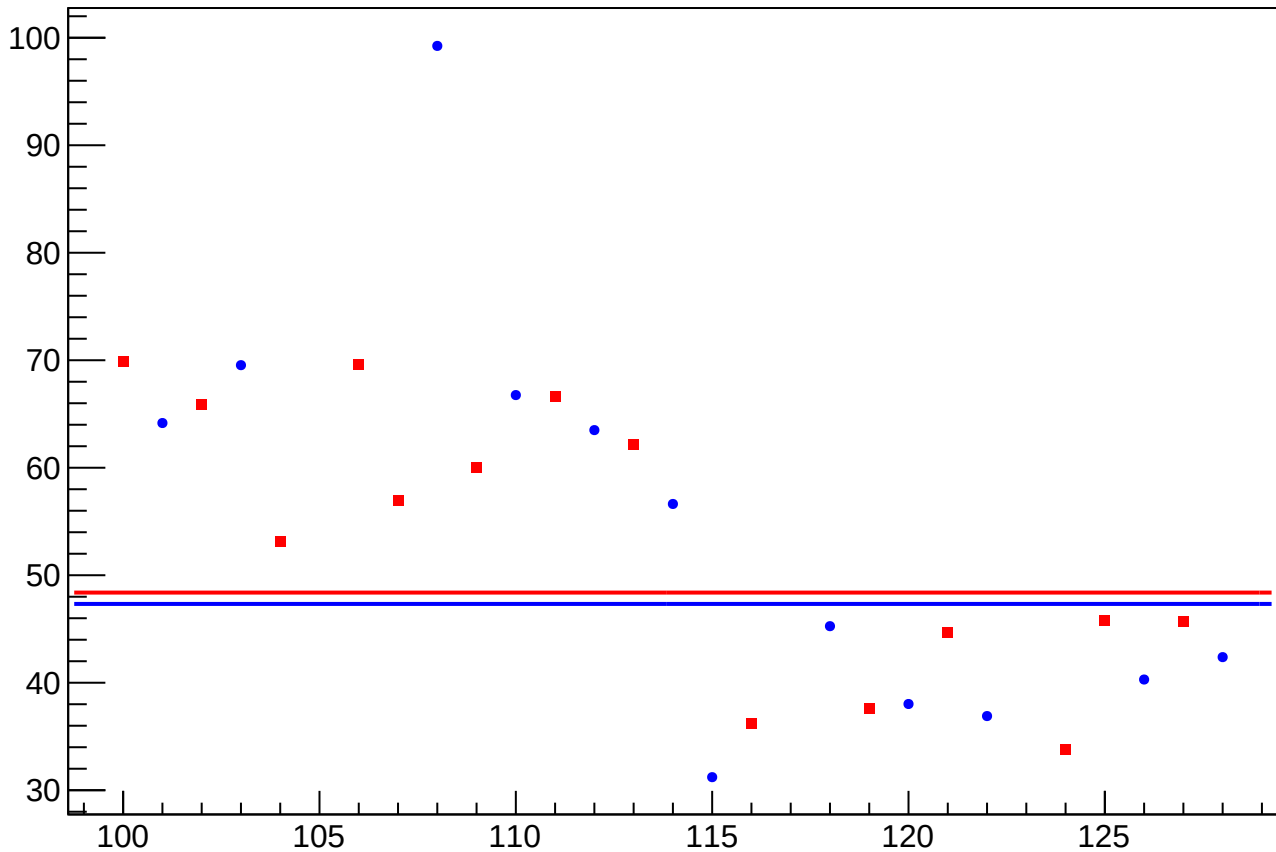
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.016 χ^2 /NDF: 25.5/25

- 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: 47.330 $\pm$ 0.016 χ^2 /NDF: 770200.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 48.386 $\pm$ 0.015 χ^2 /NDF: 534853.4/13

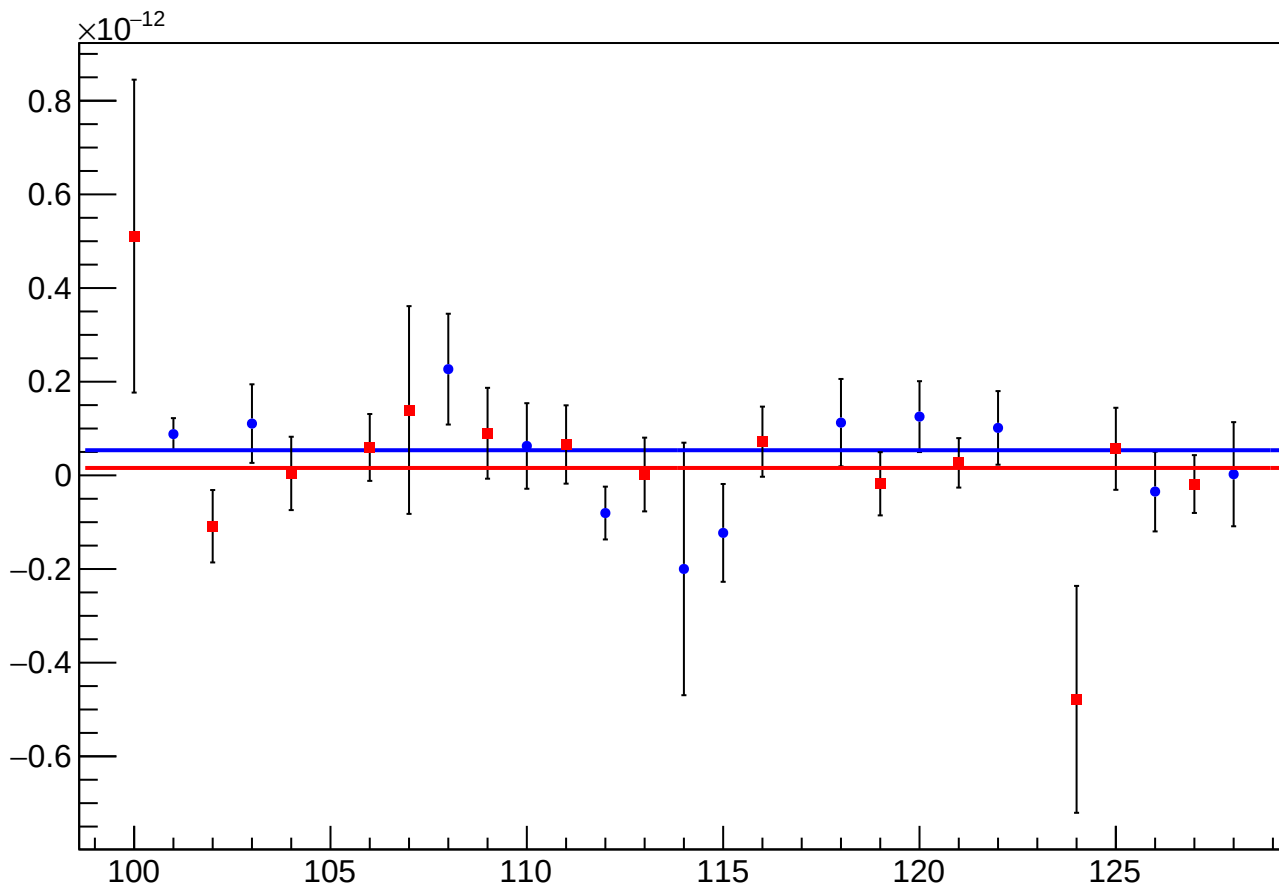
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 47.877 $\pm$ 0.011 χ^2 /NDF: 1307357.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 16.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.0/13

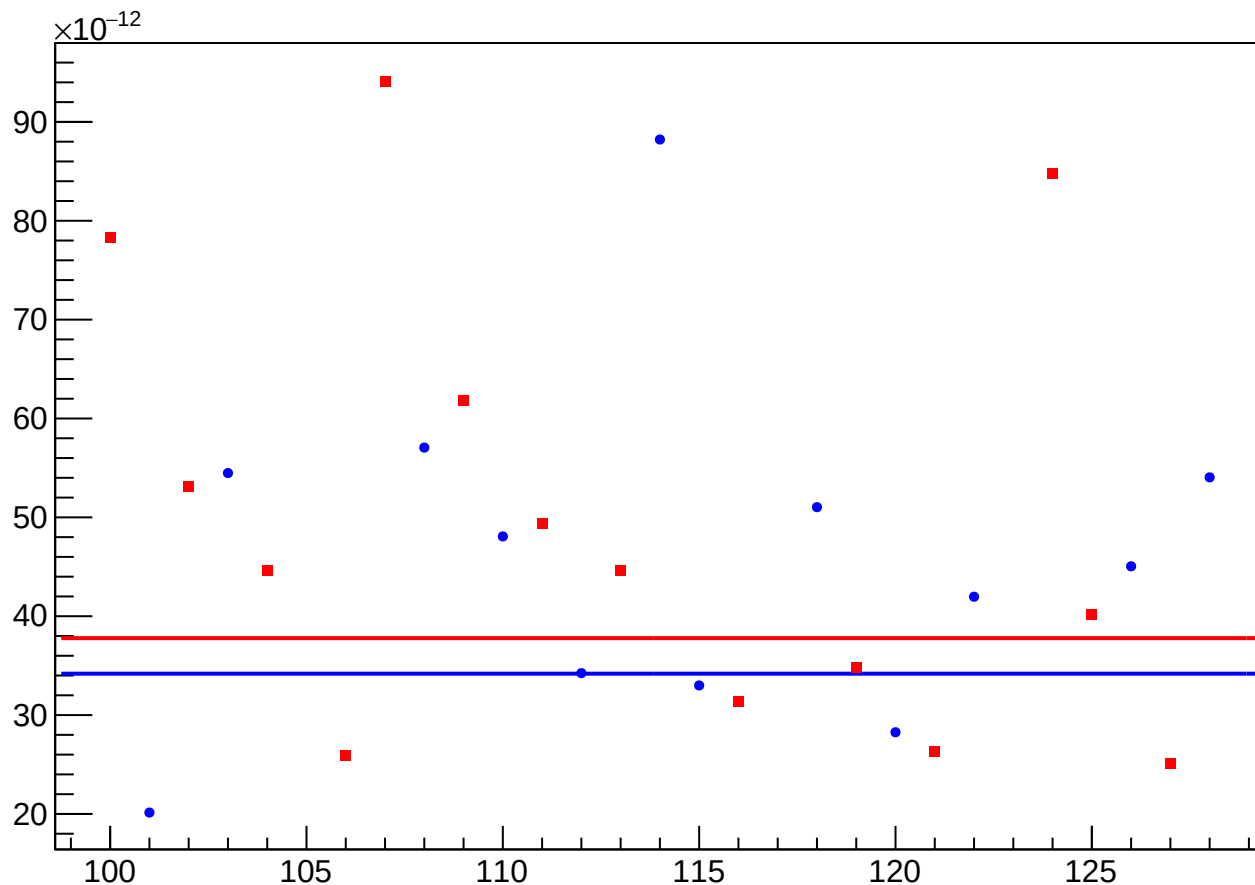
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.6/25

- sign 0.000+/-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 : 851741.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 758288.0/13

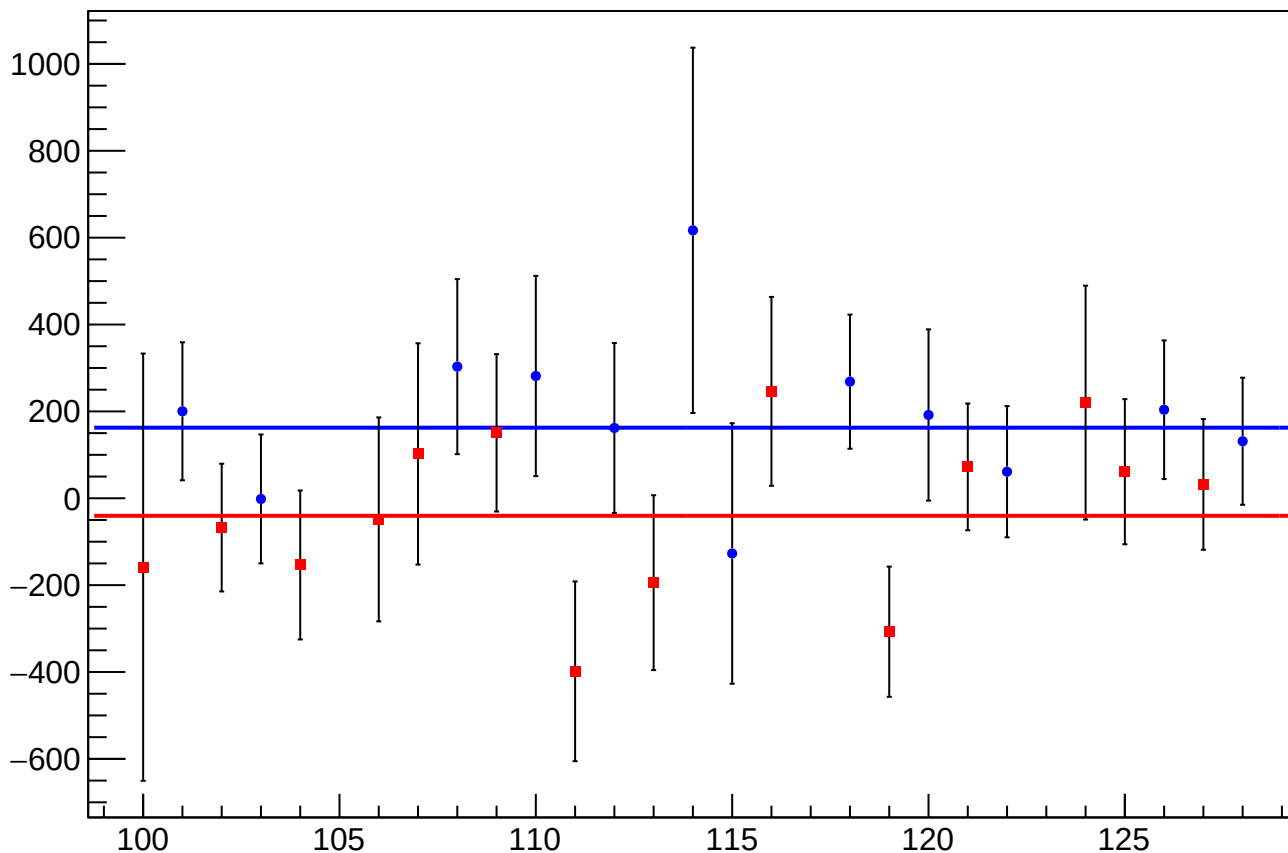
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1638550.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_mean vs Slug



Right In: 162.499 $\pm$ 52.064 χ^2 /NDF: 5.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -40.381 $\pm$ 49.819 χ^2 /NDF: 12.6/13

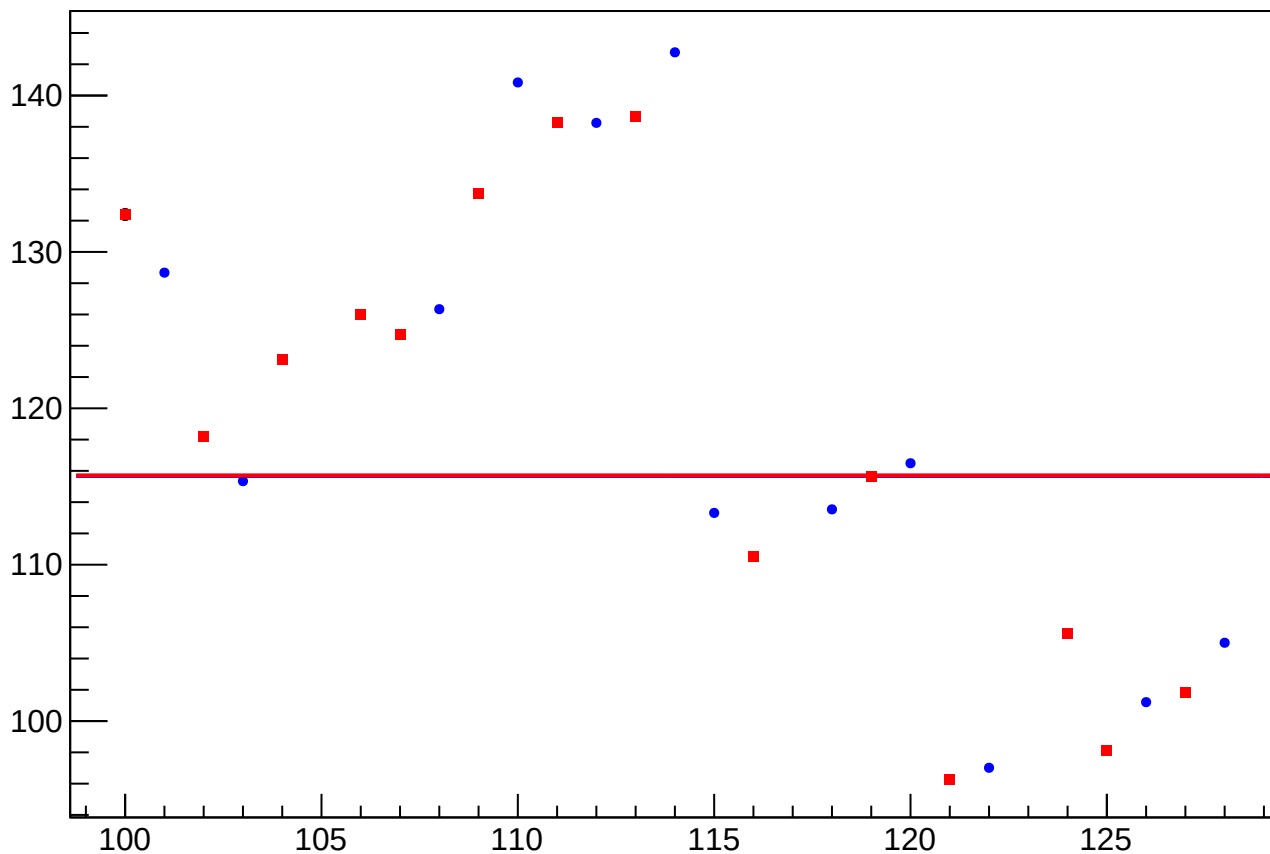
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 56.592 $\pm$ 35.995 χ^2 /NDF: 25.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_48_dd_rms vs Slug



Right In: 115.679+/-0.037 χ^2/NDF : 135941.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.707+/-0.035 χ^2/NDF : 161178.2/13

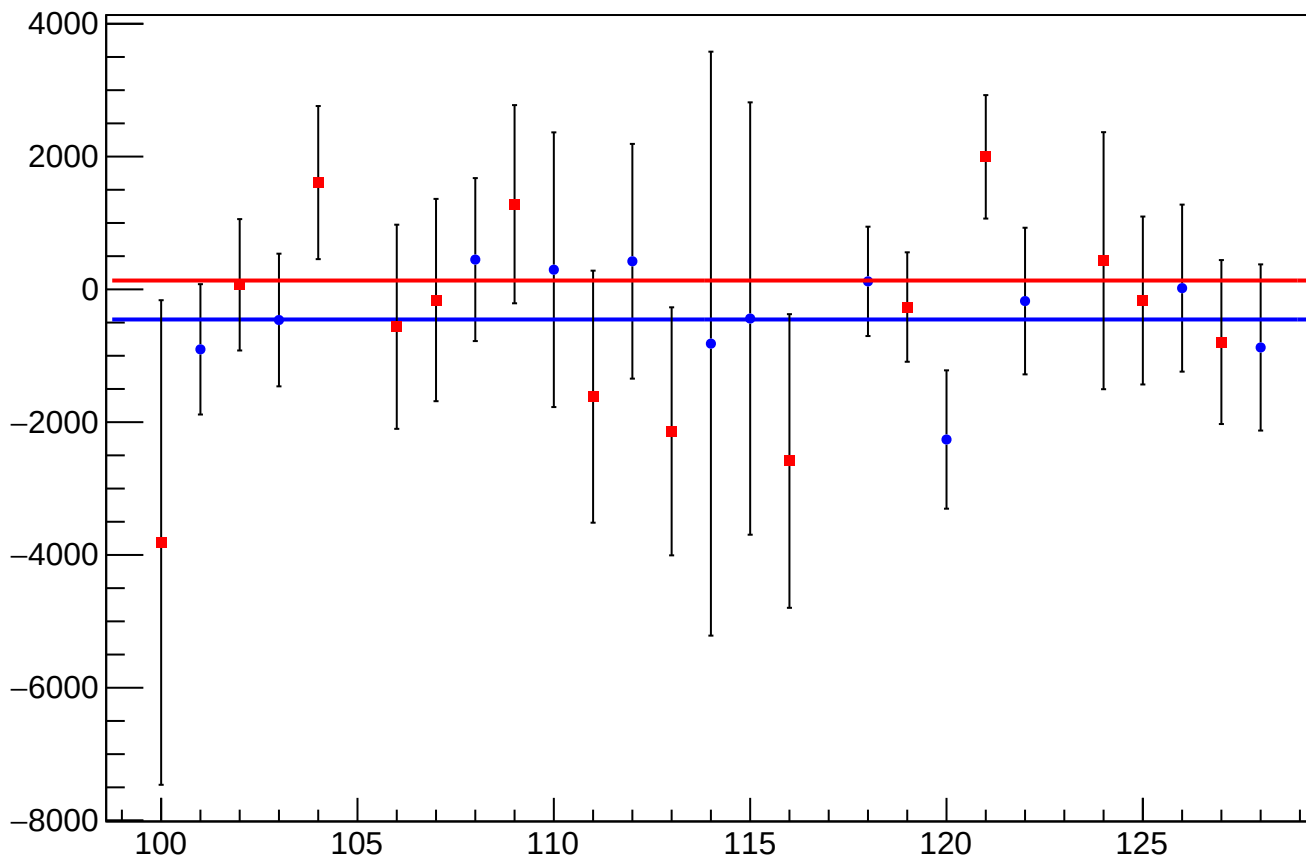
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.693+/-0.025 χ^2/NDF : 297119.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_reg_correction_mean vs Slug



Right In: -453.430+/-356.009 χ^2 /NDF: 4.9/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 133.288+/-351.420 χ^2 /NDF: 12.4/13

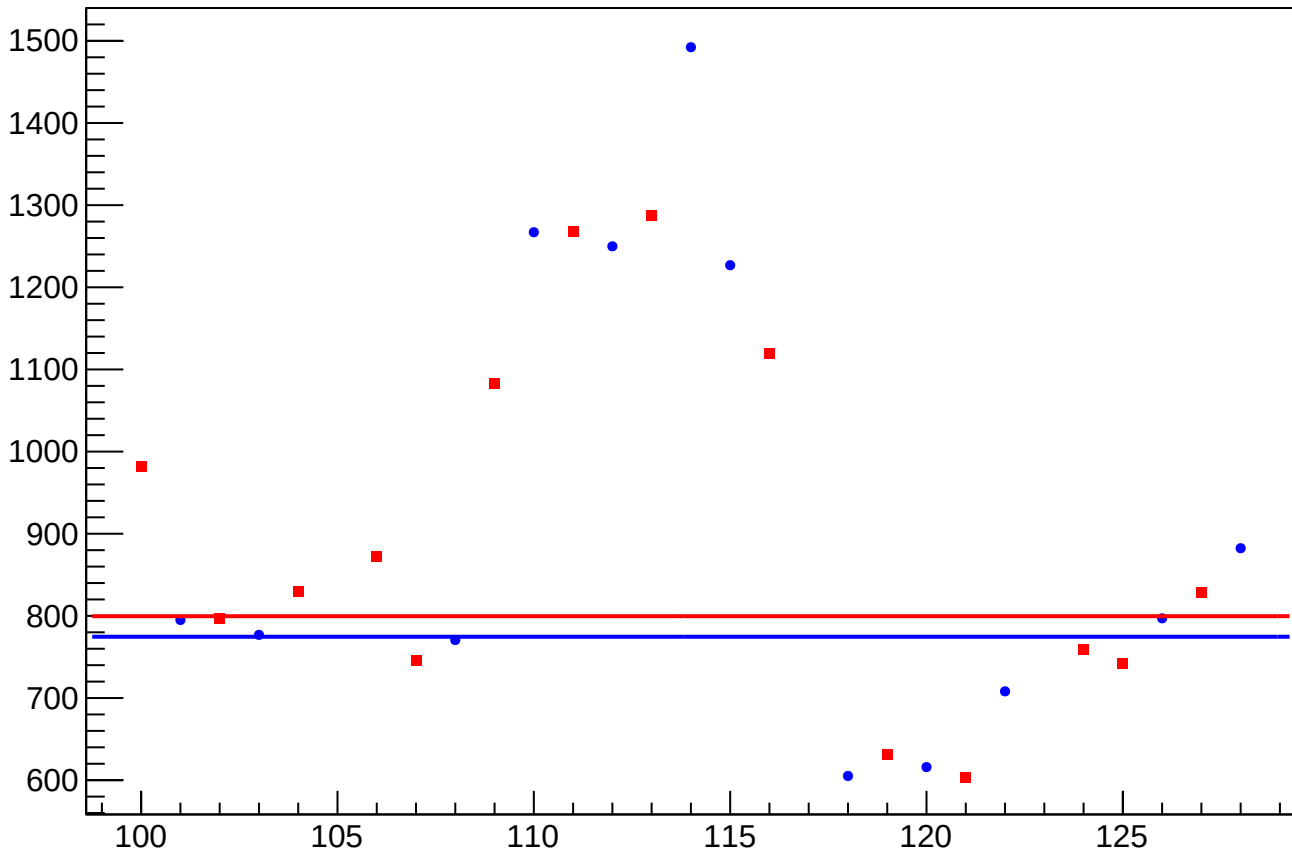
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -156.265+/-250.098 χ^2 /NDF: 18.7/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_reg_correction_rms vs Slug



Right In: 774.612 $\pm$ 0.252 χ^2 /NDF: 504490.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 799.621 $\pm$ 0.248 χ^2 /NDF: 564107.9/13

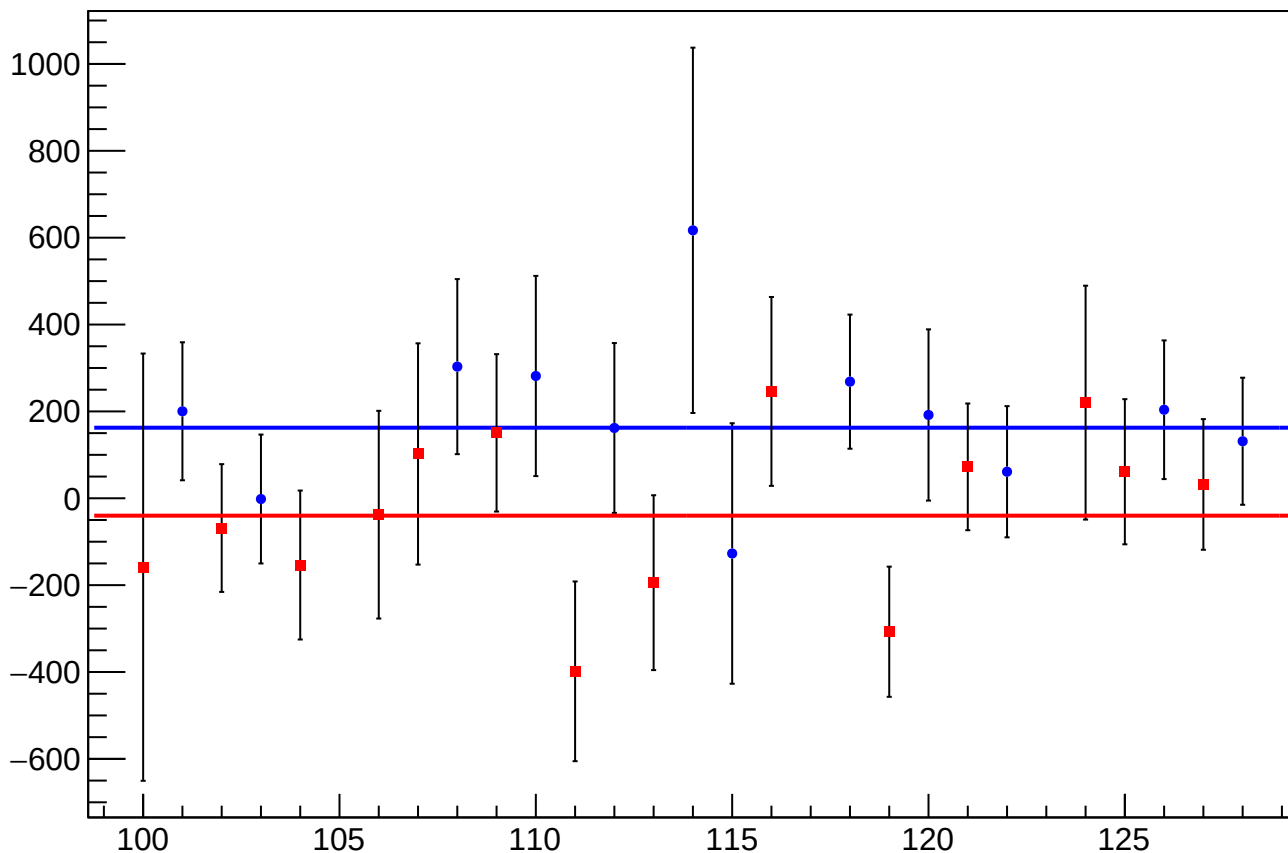
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 787.279 $\pm$ 0.177 χ^2 /NDF: 1073596.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_26_48_dd_mean vs Slug



Right In: 162.494 $\pm$ 52.064 χ^2 /NDF: 5.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -40.024 $\pm$ 49.861 χ^2 /NDF: 12.6/13

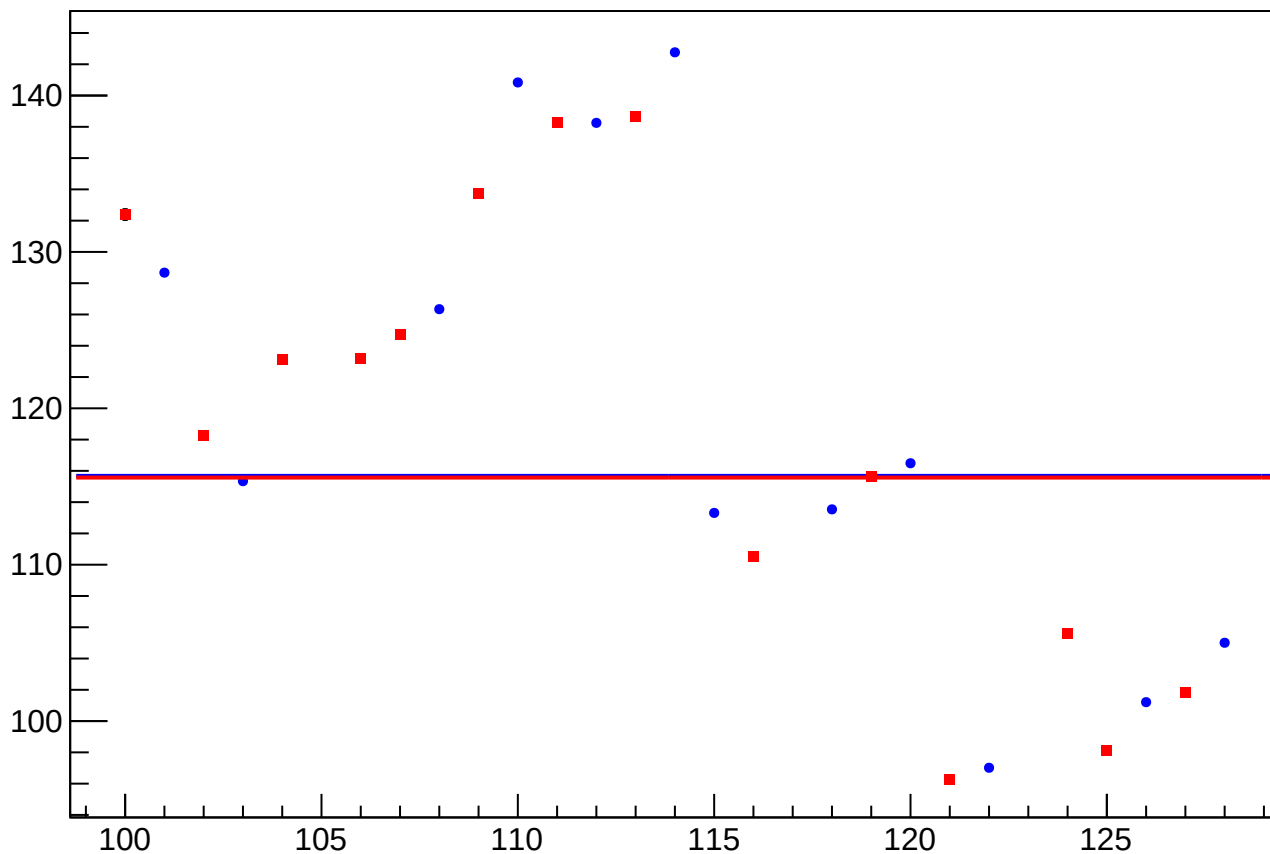
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 56.861 $\pm$ 36.011 χ^2 /NDF: 25.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_26_48_dd_rms vs Slug



Right In: 115.679+/-0.037 χ^2/NDF : 135941.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.571+/-0.035 χ^2/NDF : 159274.3/13

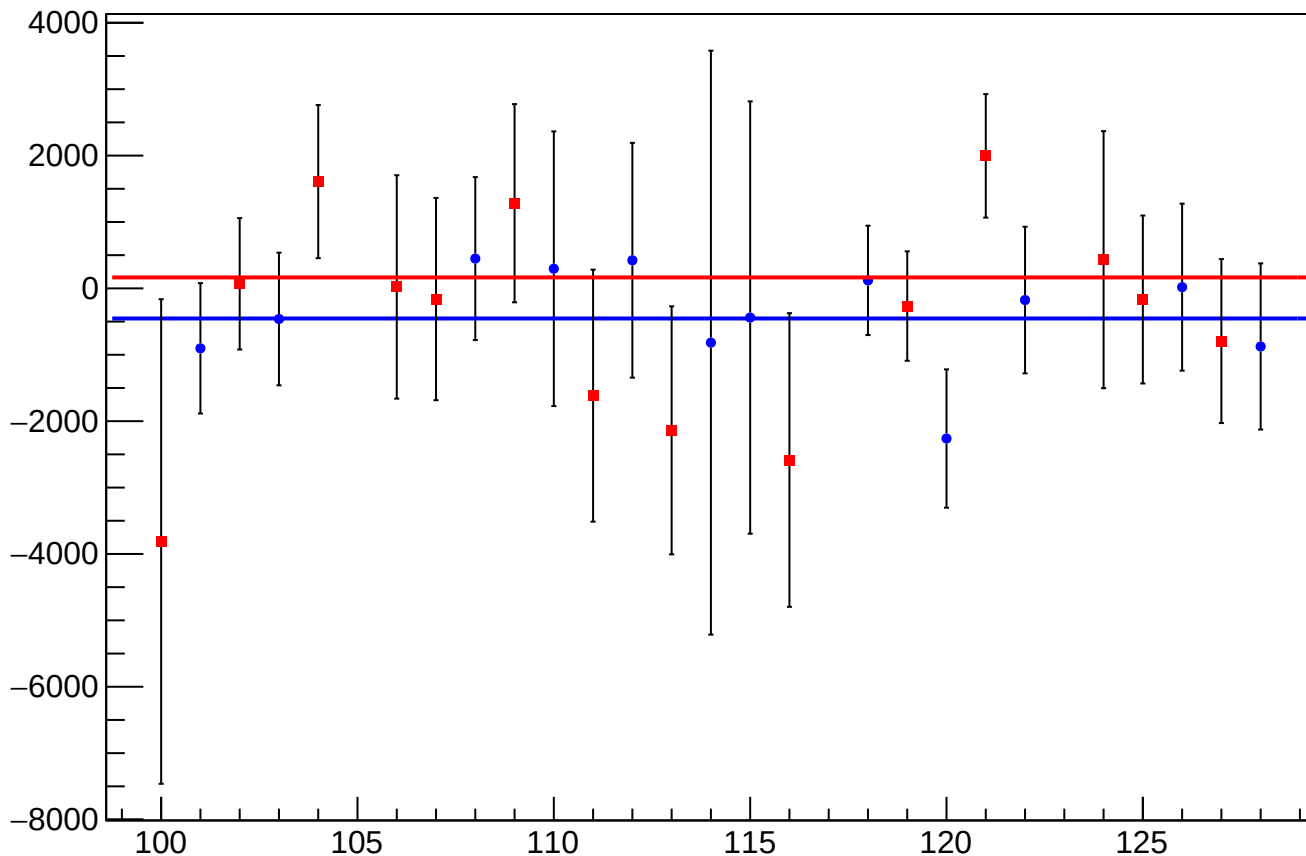
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.622+/-0.025 χ^2/NDF : 295219.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_cor_correction_mean vs Slug



Right In: -453.403+/-356.010 χ^2 /NDF: 4.9/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 165.049+/-352.975 χ^2 /NDF: 12.2/13

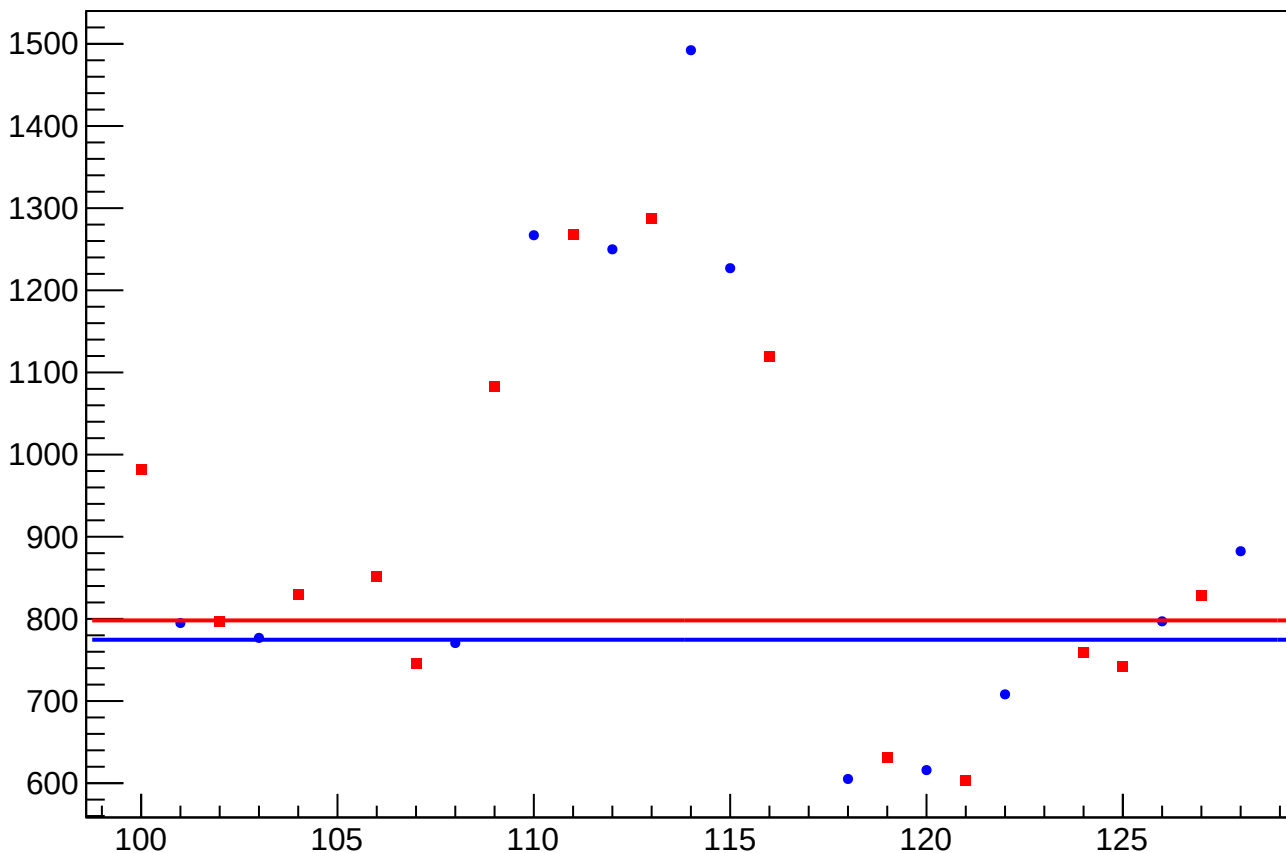
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -141.530+/-250.657 χ^2 /NDF: 18.6/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_cor_correction_rms vs Slug



Right In: 774.614+/-0.252 χ^2/NDF : 504496.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 798.130+/-0.250 χ^2/NDF : 561471.5/13

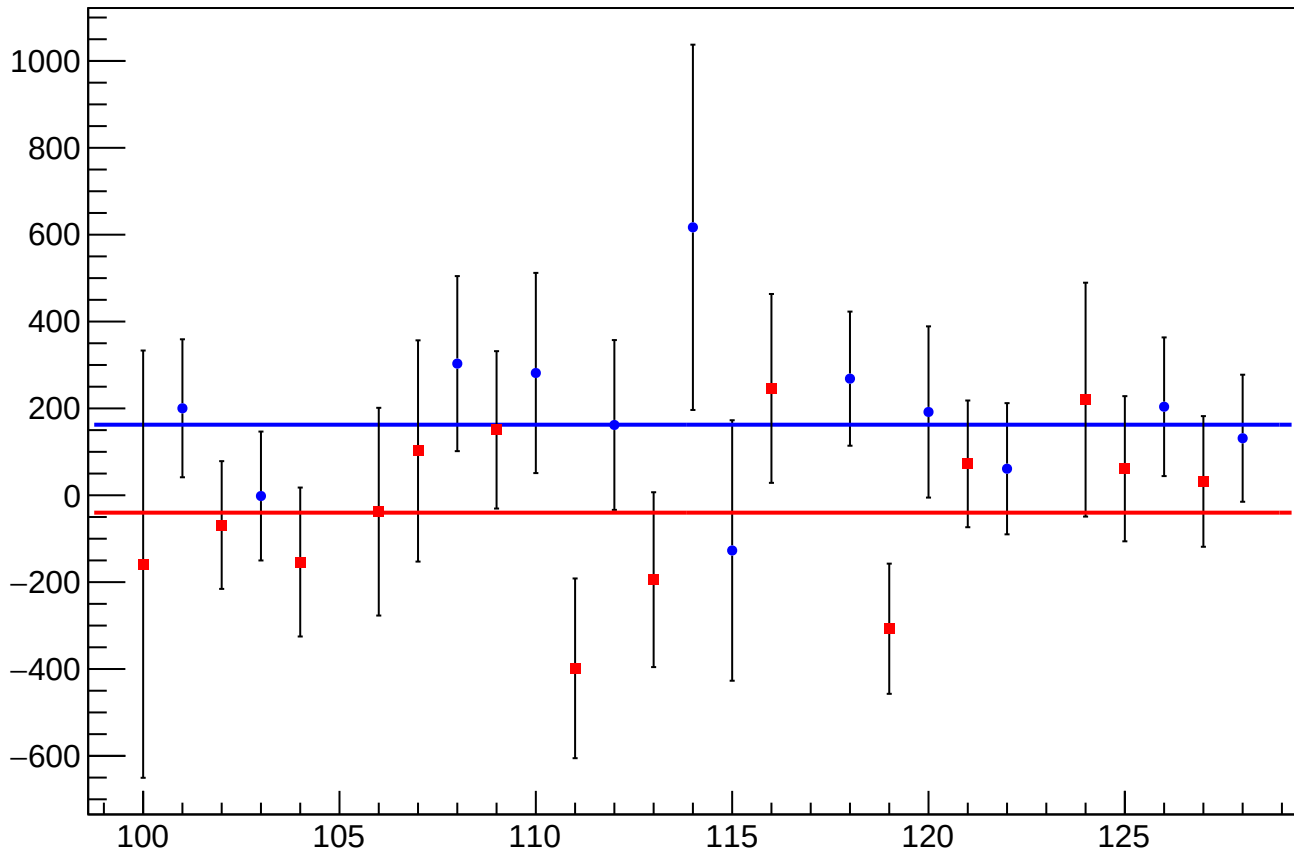
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 786.473+/-0.177 χ^2/NDF : 1070368.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_26_48_dd_mean vs Slug



Right In: 162.494 $\pm$ 52.064 χ^2 /NDF: 5.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -40.024 $\pm$ 49.861 χ^2 /NDF: 12.6/13

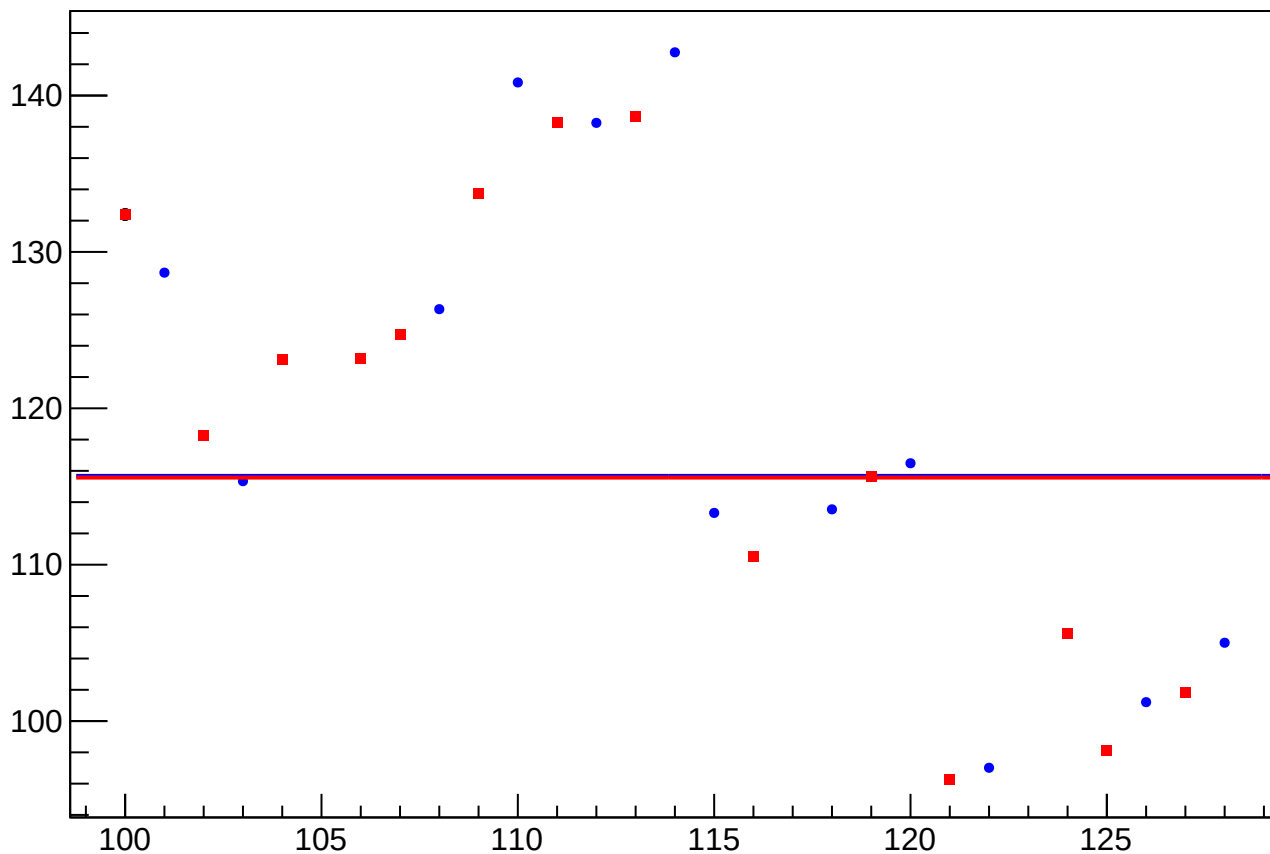
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 56.861 $\pm$ 36.011 χ^2 /NDF: 25.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_26_48_dd_rms vs Slug



Right In: 115.679 $\pm$ 0.037 χ^2 /NDF: 135941.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 115.571 $\pm$ 0.035 χ^2 /NDF: 159274.3/13

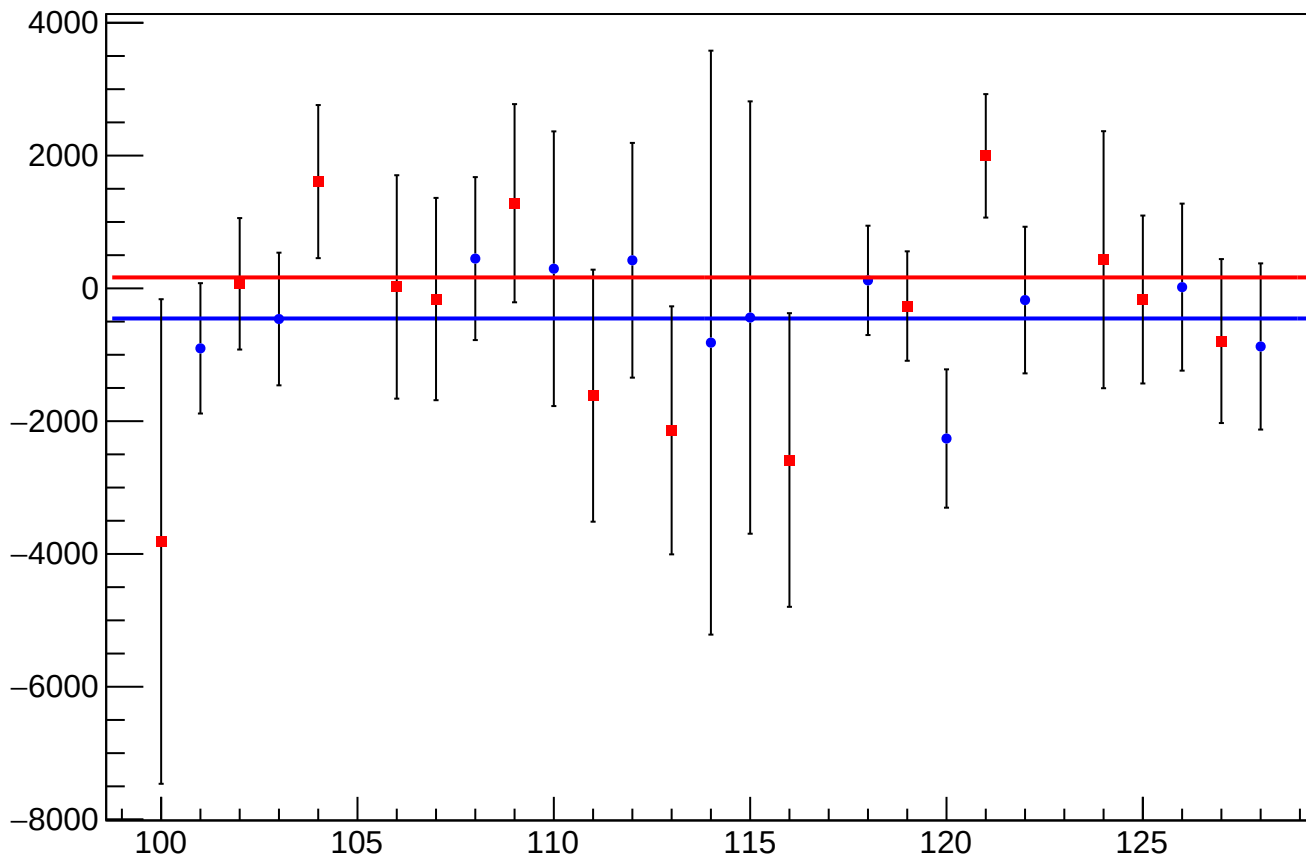
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 115.622 $\pm$ 0.025 χ^2 /NDF: 295219.8/25

- 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: -453.403+/-356.010 χ^2/NDF : 4.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.049+/-352.975 χ^2/NDF : 12.2/13

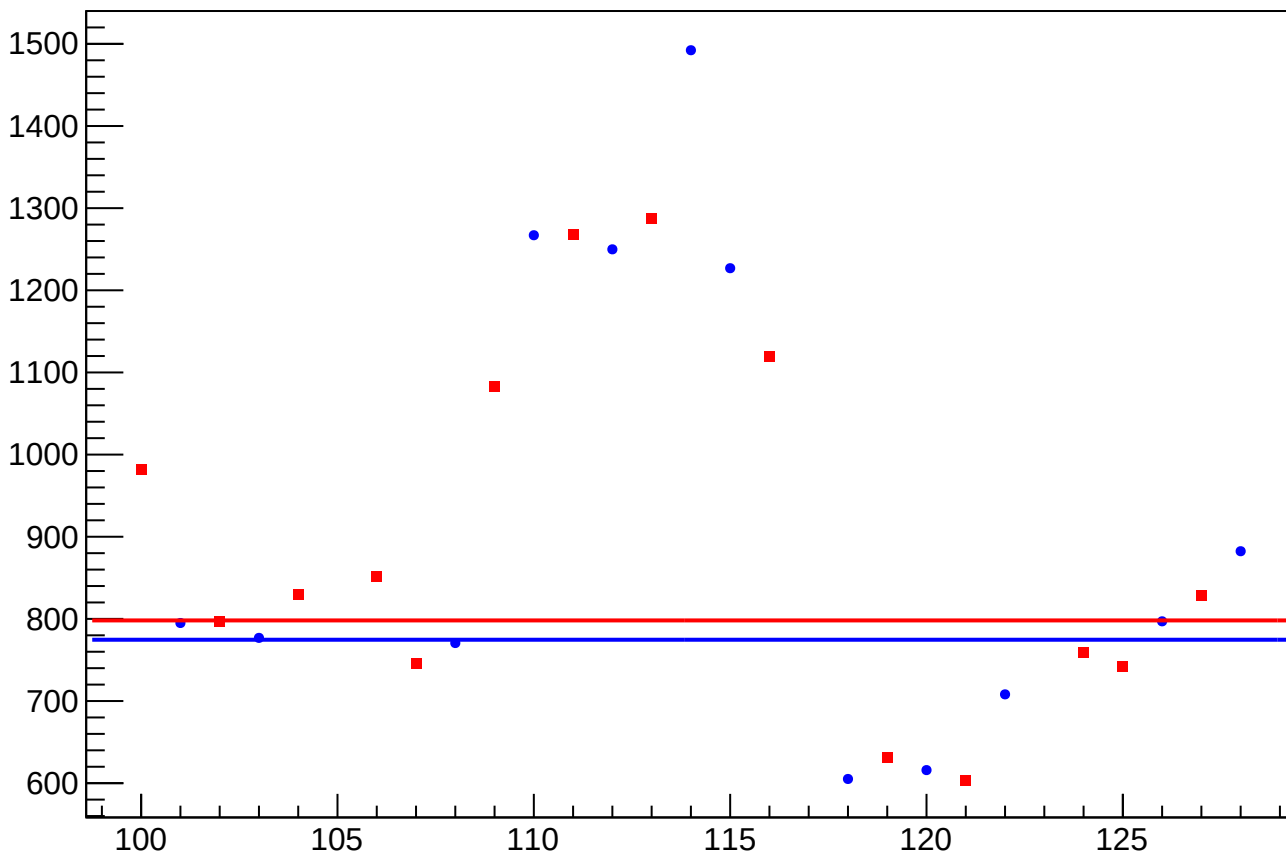
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -141.530+/-250.657 χ^2/NDF : 18.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_cor_correction_rms vs Slug



Right In: 774.614+/-0.252 χ^2/NDF : 504496.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 798.130+/-0.250 χ^2/NDF : 561471.5/13

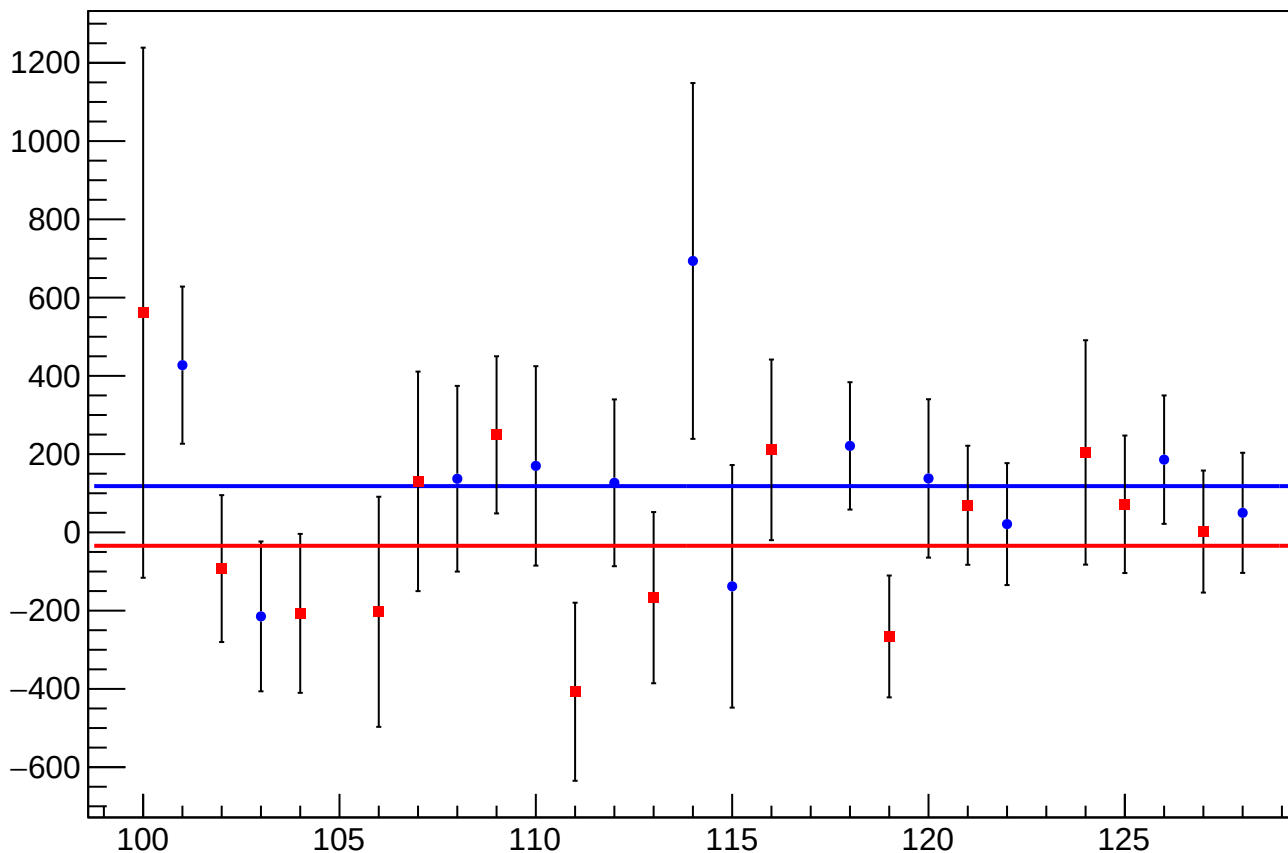
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 786.473+/-0.177 χ^2/NDF : 1070368.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_48_dd_mean vs Slug



Right In: 118.240 $\pm$ 57.221 χ^2 /NDF: 8.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -34.231 $\pm$ 54.801 χ^2 /NDF: 12.2/13

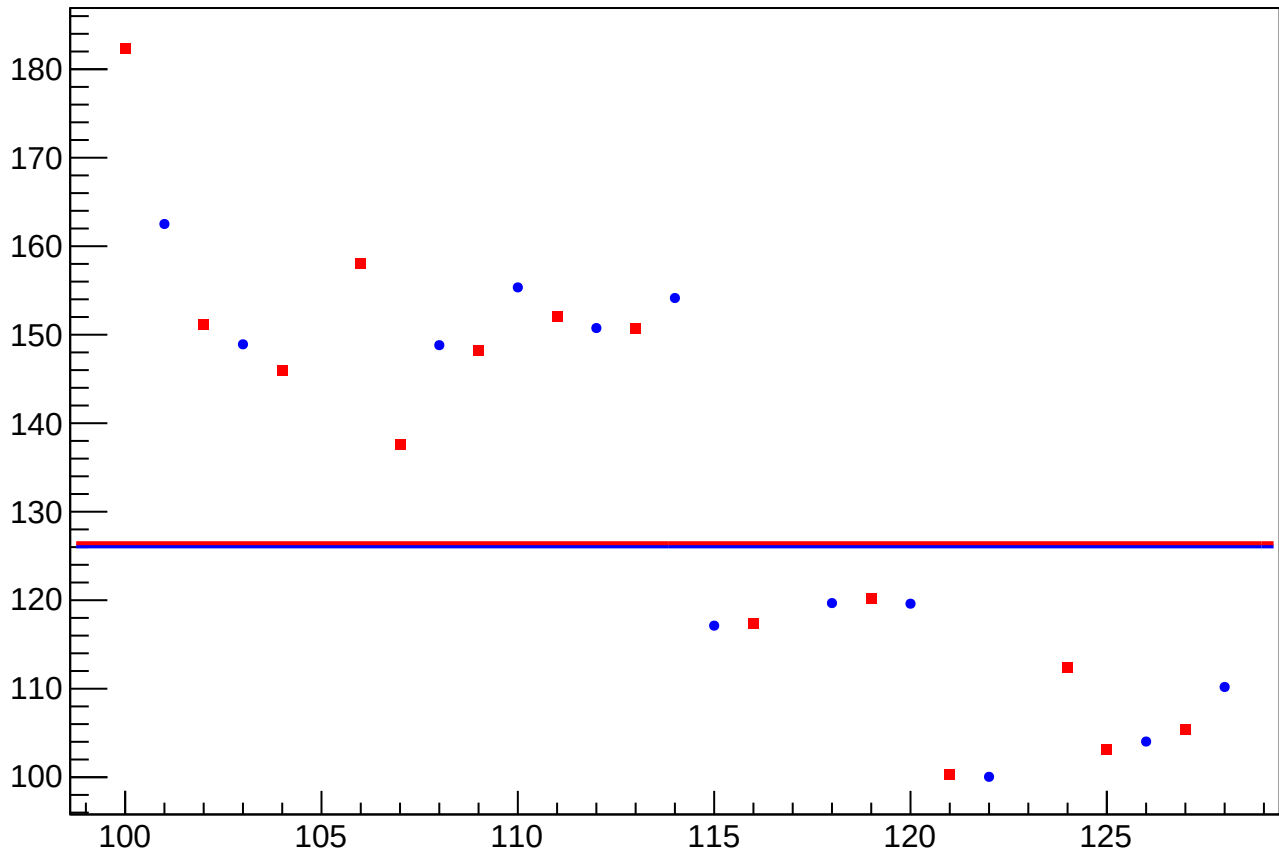
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 38.713 $\pm$ 39.578 χ^2 /NDF: 24.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_26_48_dd_rms vs Slug



Right In: 126.084 $\pm$ 0.040 χ^2 /NDF: 293619.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 126.441 $\pm$ 0.039 χ^2 /NDF: 308073.5/13

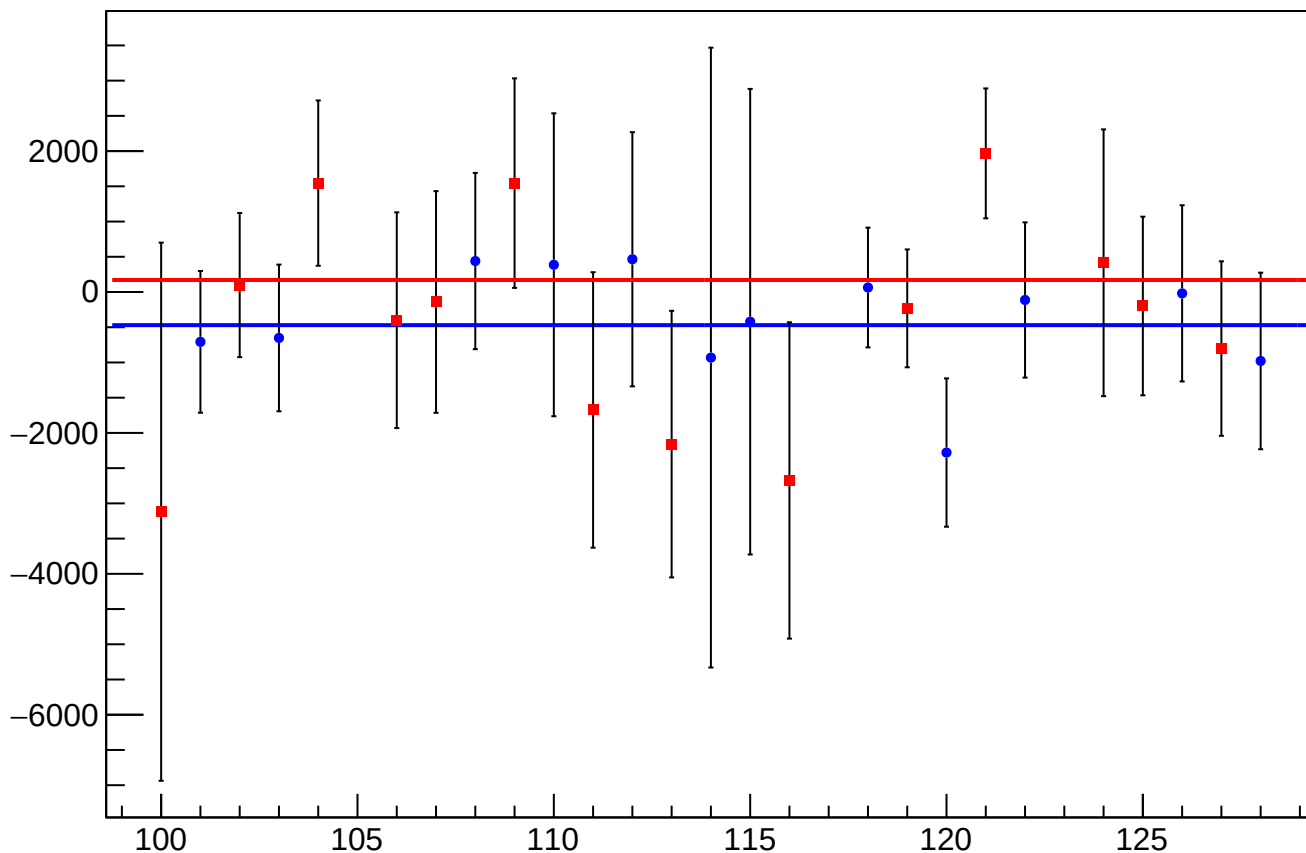
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 126.270 $\pm$ 0.028 χ^2 /NDF: 601733.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_dit_correction_mean vs Slug



Right In: -470.481+/-362.650 χ^2/NDF : 4.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.850+/-355.064 χ^2/NDF : 11.9/13

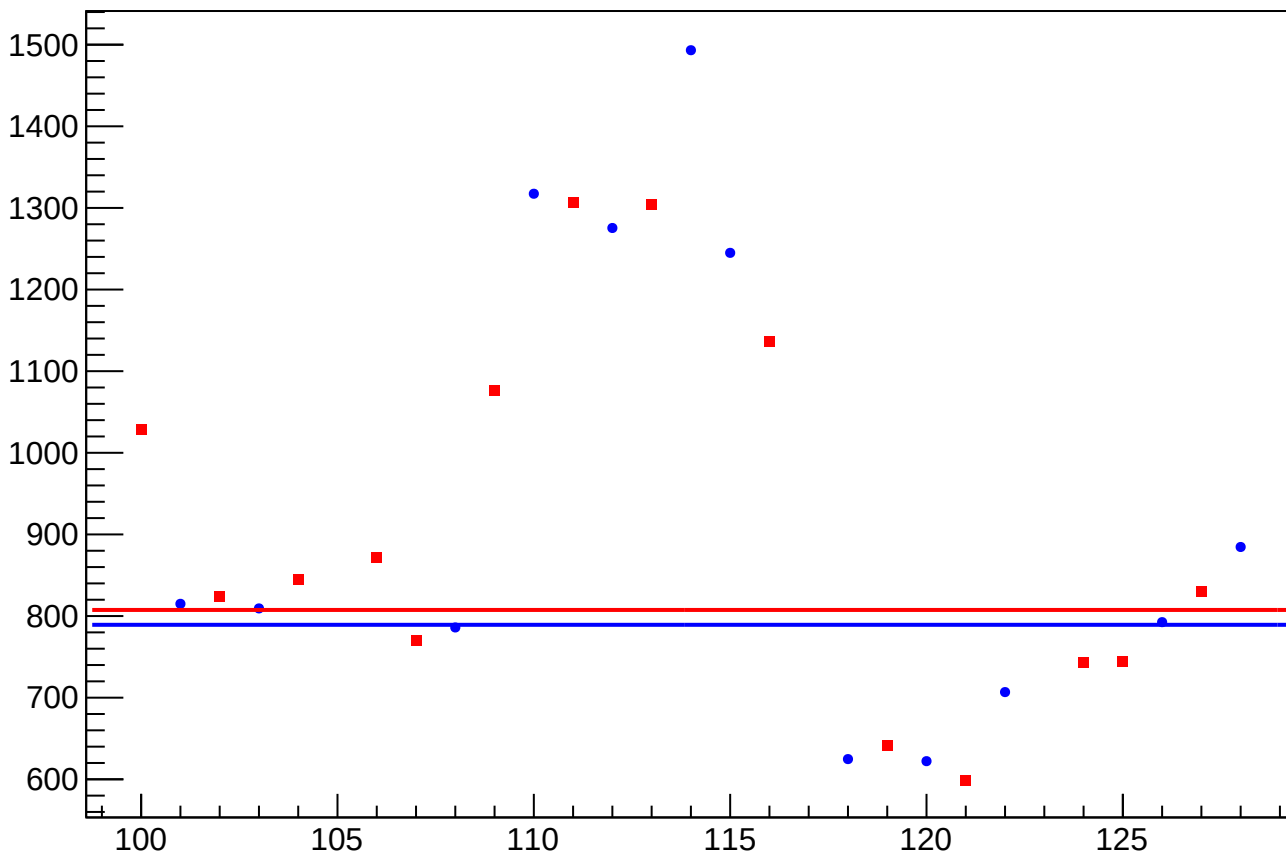
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -143.039+/-253.708 χ^2/NDF : 18.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_dit_correction_rms vs Slug



Right In: 789.274+/-0.256 χ^2/NDF : 505383.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 807.477+/-0.251 χ^2/NDF : 579651.4/13

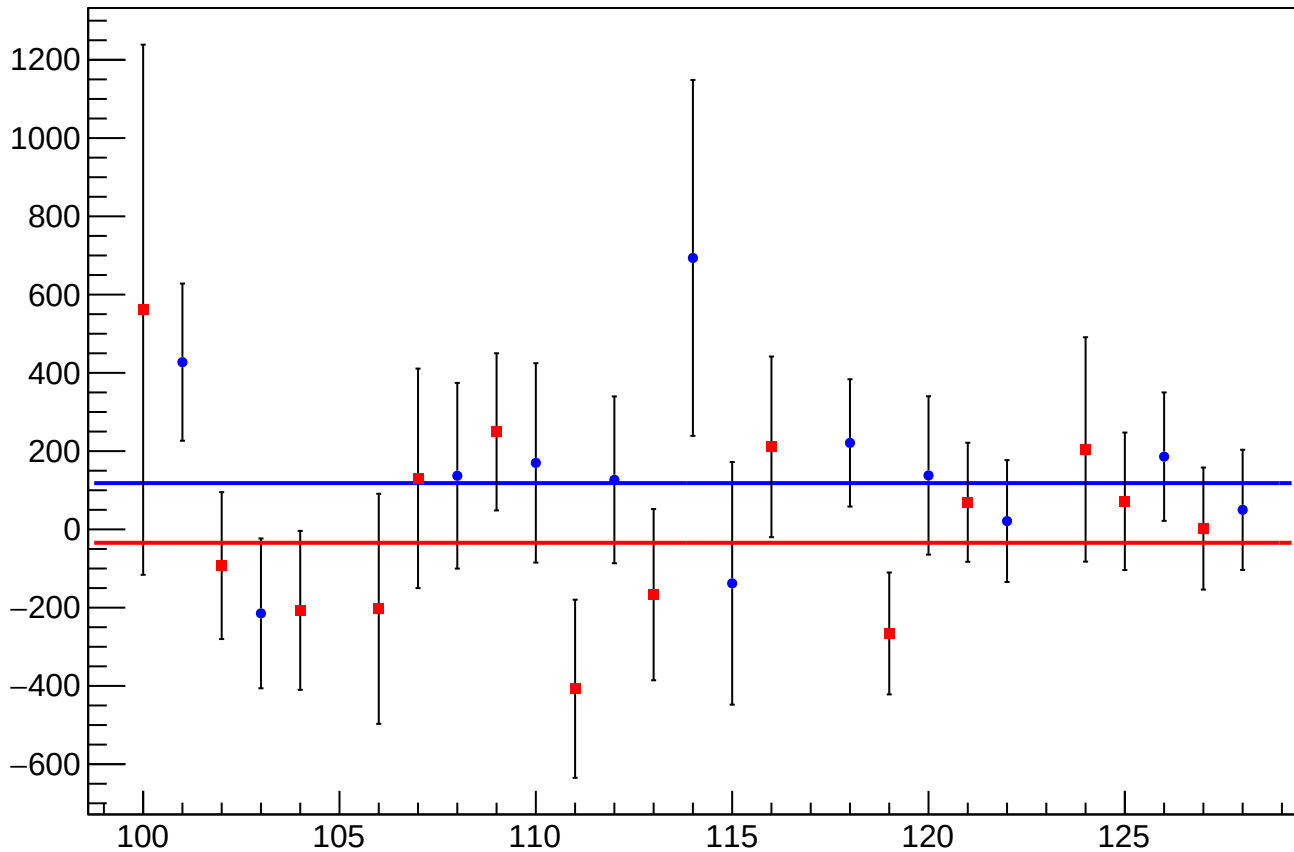
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 798.568+/-0.179 χ^2/NDF : 1087607.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_26_48_dd_mean vs Slug



Right In: 118.239 $\pm$ 57.221 χ^2 /NDF: 8.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -34.230 $\pm$ 54.801 χ^2 /NDF: 12.2/13

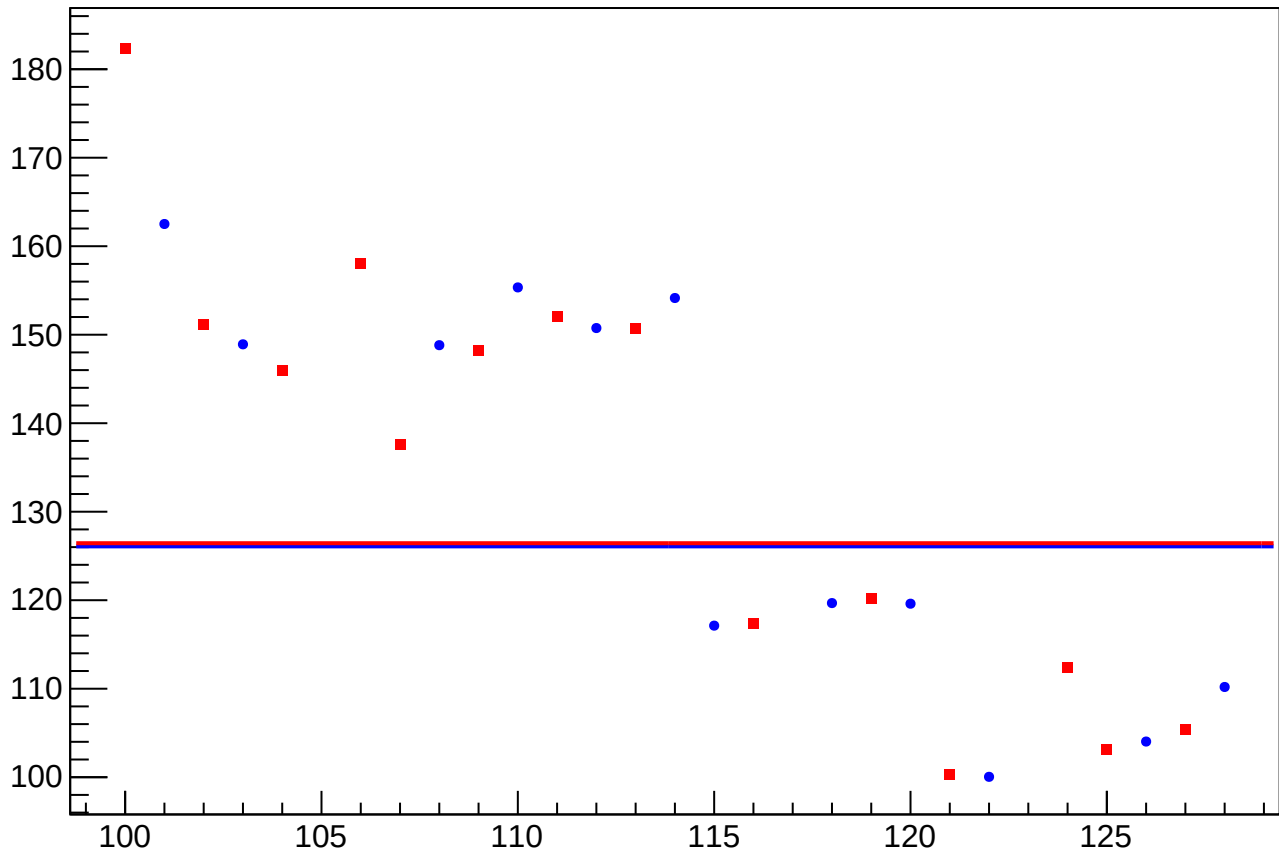
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 38.713 $\pm$ 39.578 χ^2 /NDF: 24.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_26_48_dd_rms vs Slug



Right In: 126.084+/-0.040 χ^2/NDF : 293611.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.441+/-0.039 χ^2/NDF : 308068.0/13

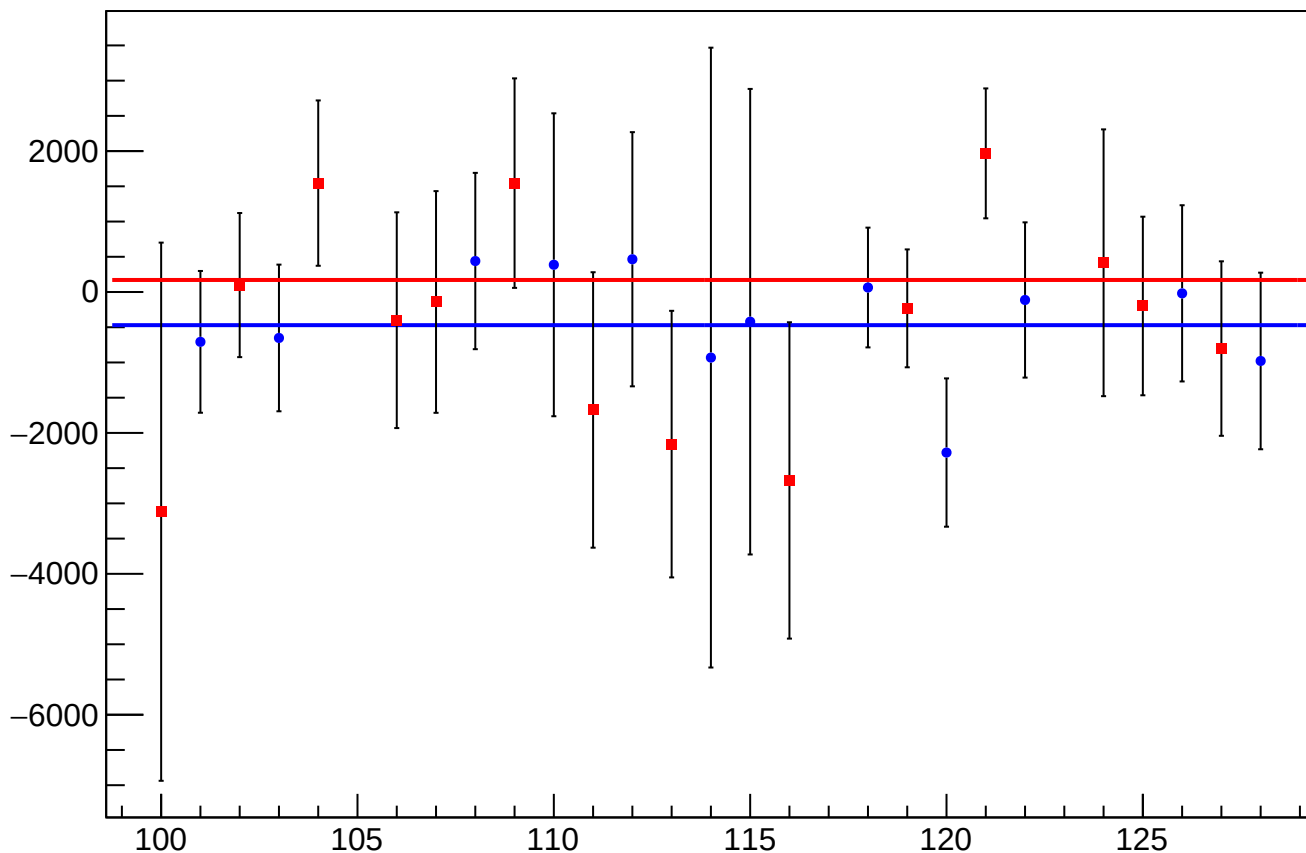
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.270+/-0.028 χ^2/NDF : 601720.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_dit_correction_mean vs Slug



Right In: -470.482 ± 362.649 χ^2/NDF : 4.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 170.850 ± 355.064 χ^2/NDF : 11.9/13

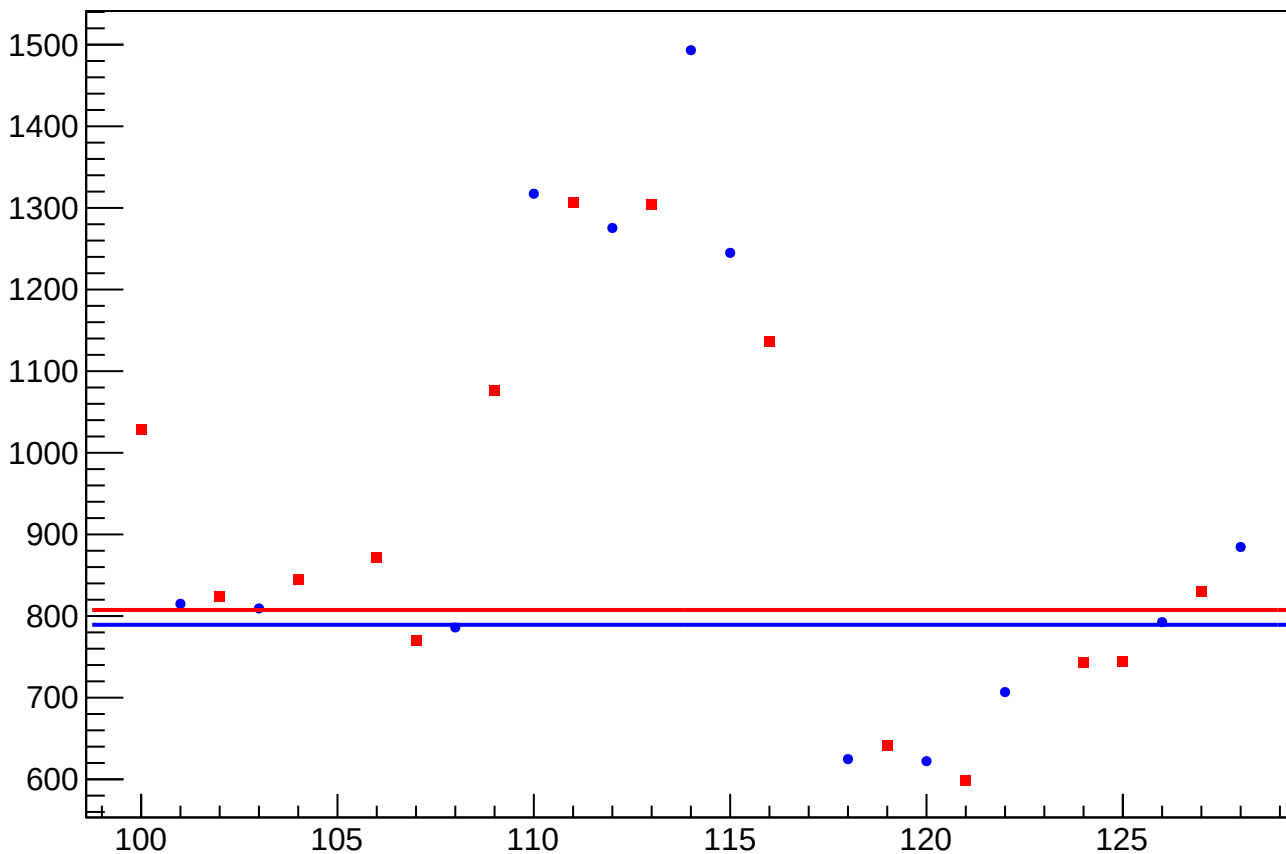
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -143.038 ± 253.708 χ^2/NDF : 18.3/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_dit_correction_rms vs Slug



Right In: 789.274+/-0.256 χ^2/NDF : 505378.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 807.476+/-0.251 χ^2/NDF : 579644.4/13

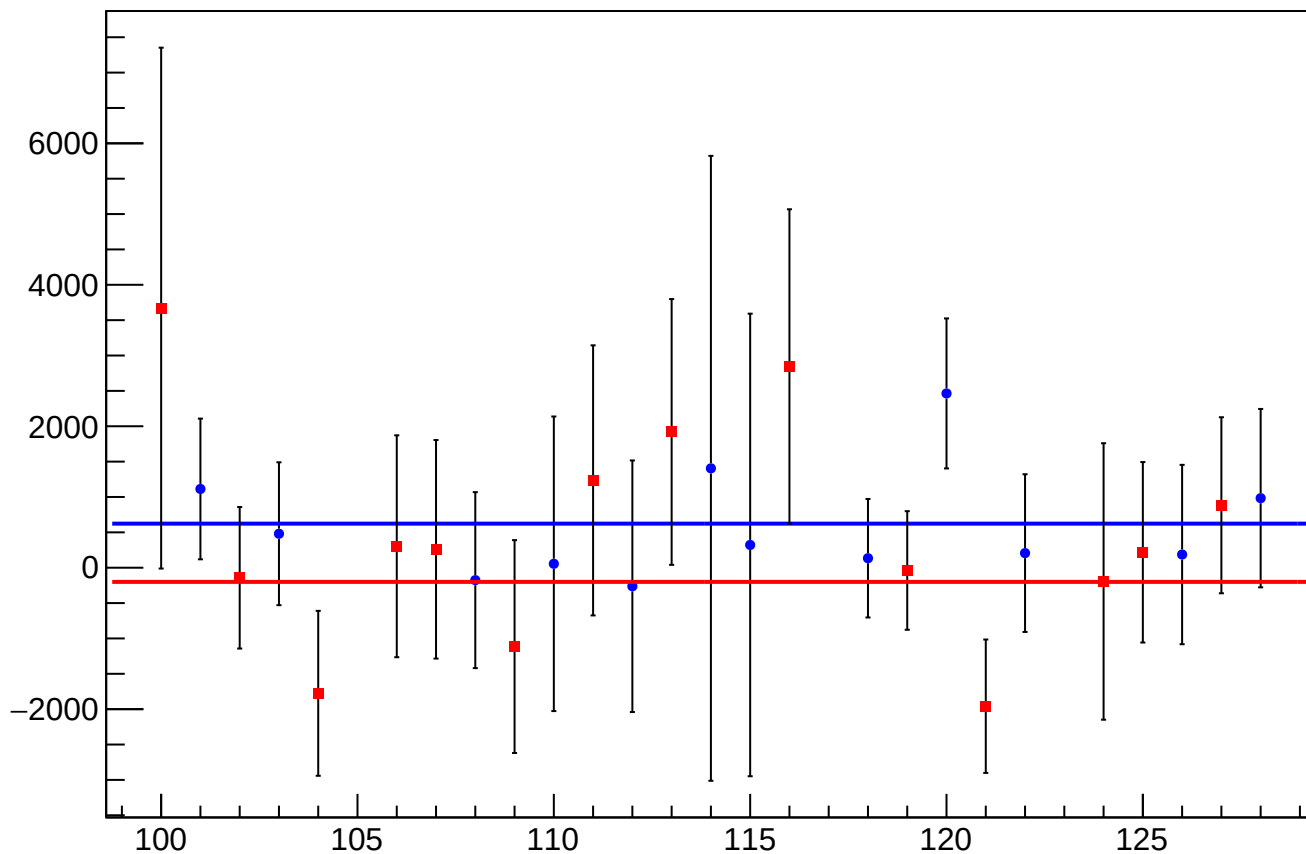
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 798.567+/-0.179 χ^2/NDF : 1087595.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_mean vs Slug



Right In: 623.162 $\pm$ 360.443 χ^2 /NDF: 4.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -200.419 $\pm$ 355.677 χ^2 /NDF: 11.6/13

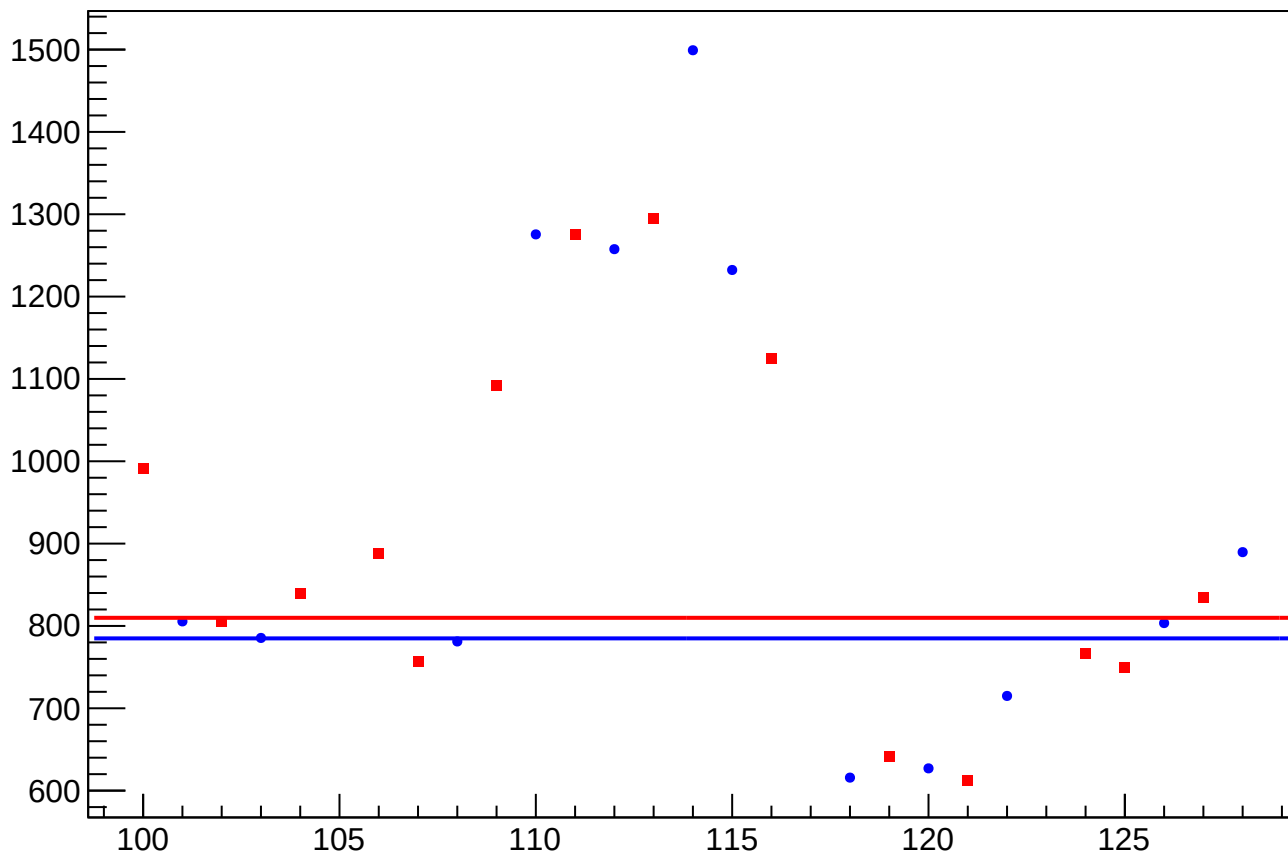
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 205.890 $\pm$ 253.170 χ^2 /NDF: 19.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_rms vs Slug



Right In: 784.897 $\pm$ 0.255 χ^2 /NDF: 490751.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 809.878 $\pm$ 0.252 χ^2 /NDF: 550665.1/13

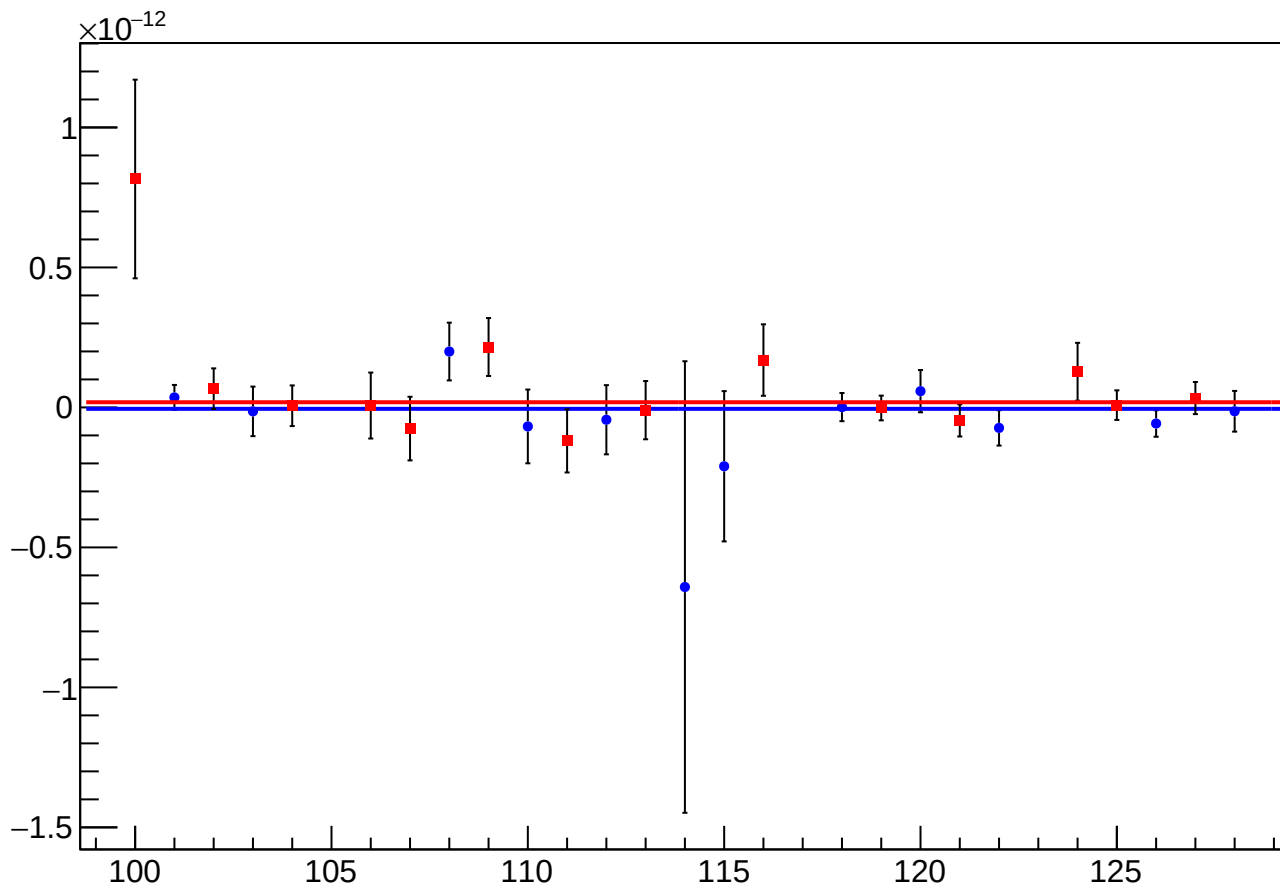
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 797.554 $\pm$ 0.179 χ^2 /NDF: 1046284.6/25

- 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 : 9.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.5/13

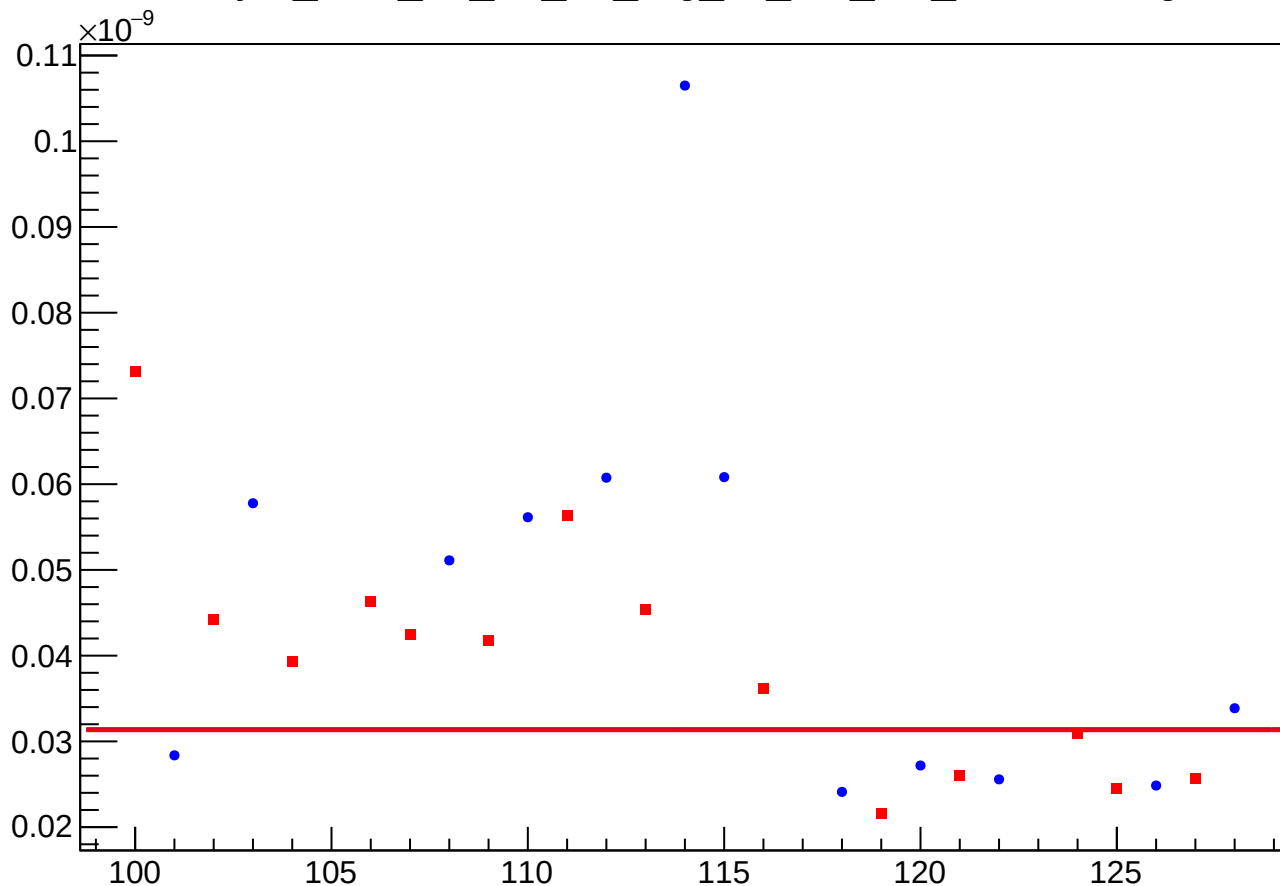
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.6/25

- 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 $\pm$ 0.000 χ^2 /NDF: 590577.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 492003.5/13

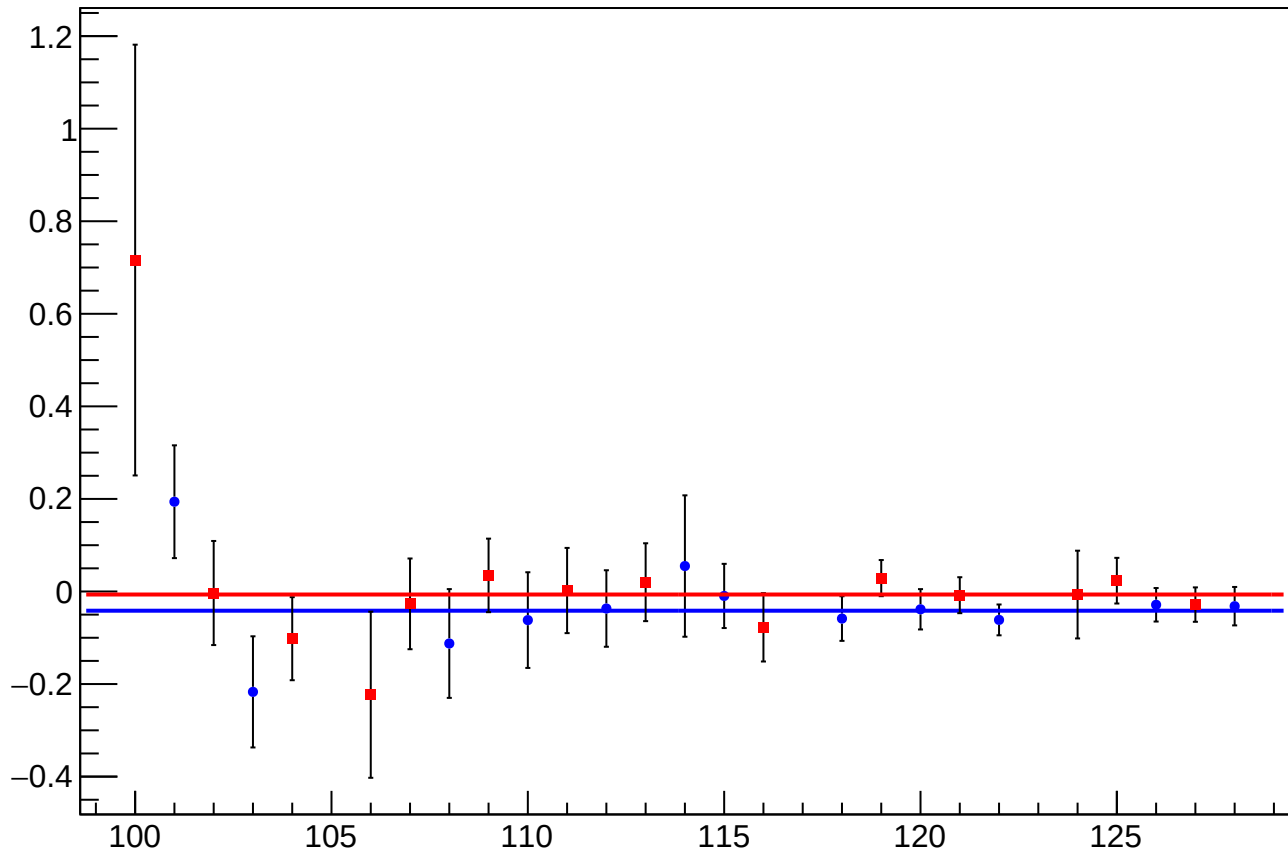
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1082606.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.042 ± 0.016 χ^2/NDF : 7.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.007 ± 0.017 χ^2/NDF : 7.9/13

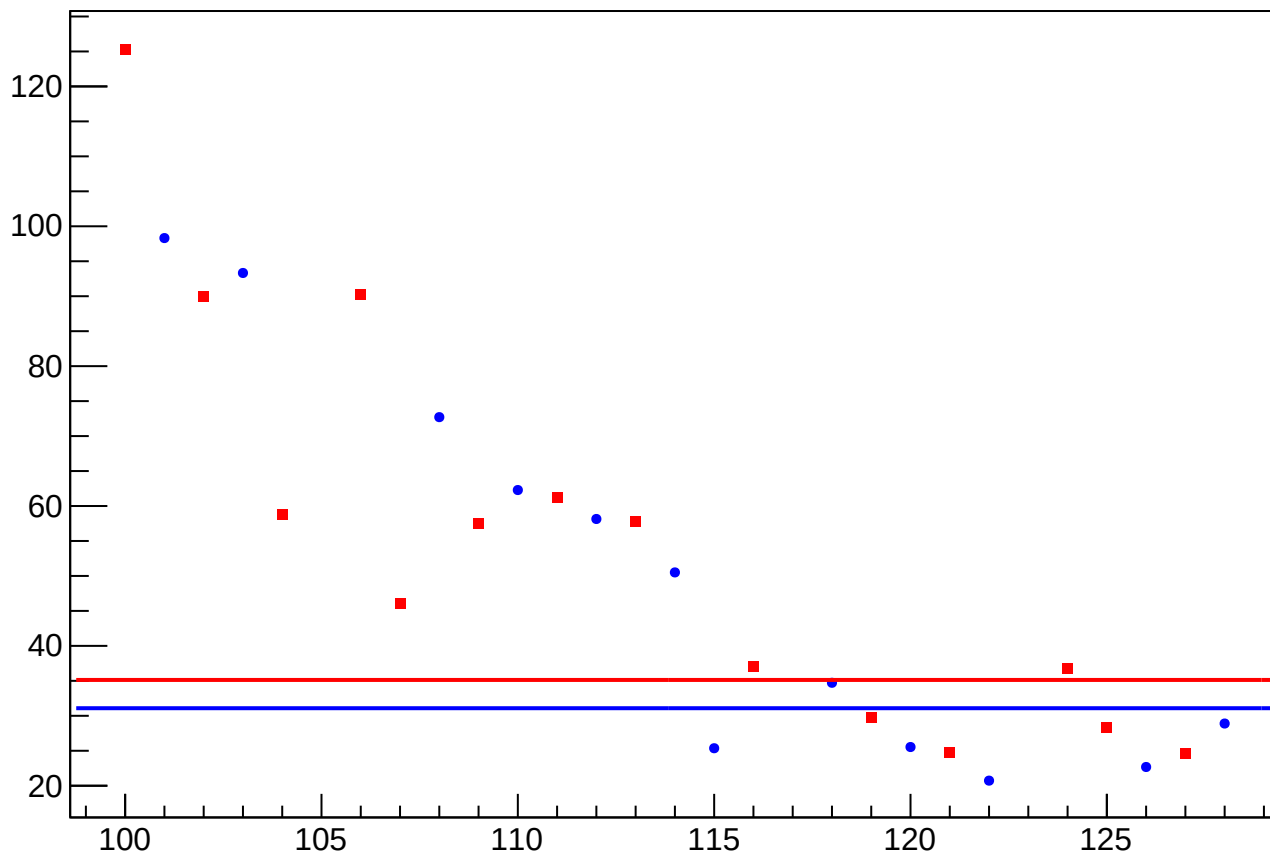
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.025 ± 0.012 χ^2/NDF : 17.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_dit_vs_cor_diff_rms vs Slug



Right In: 31.086+/-0.011 χ^2/NDF : 2189957.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.128+/-0.012 χ^2/NDF : 1748422.8/13

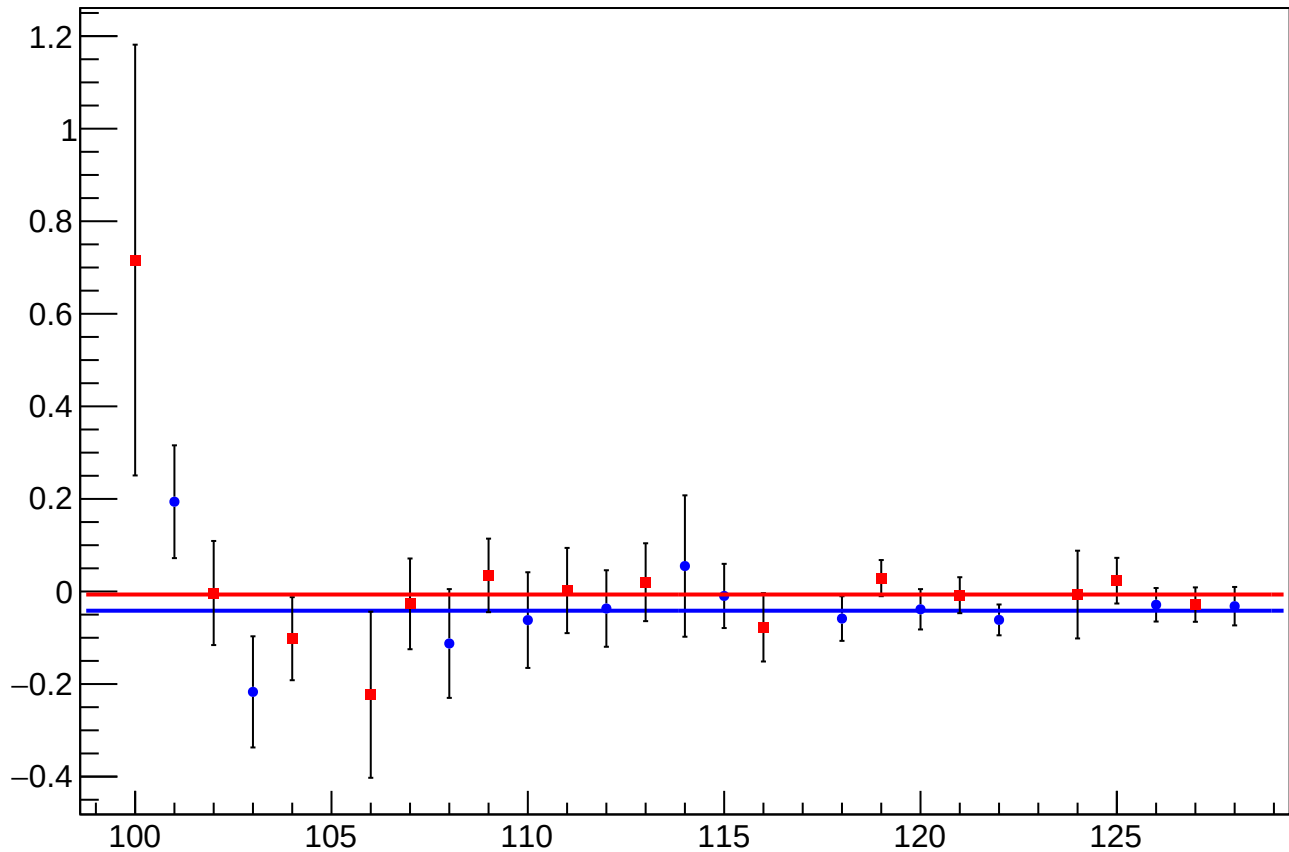
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.000+/-0.008 χ^2/NDF : 3998756.3/25

- 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: -0.042 $\pm$ 0.016 χ^2 /NDF: 7.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.007 $\pm$ 0.017 χ^2 /NDF: 7.9/13

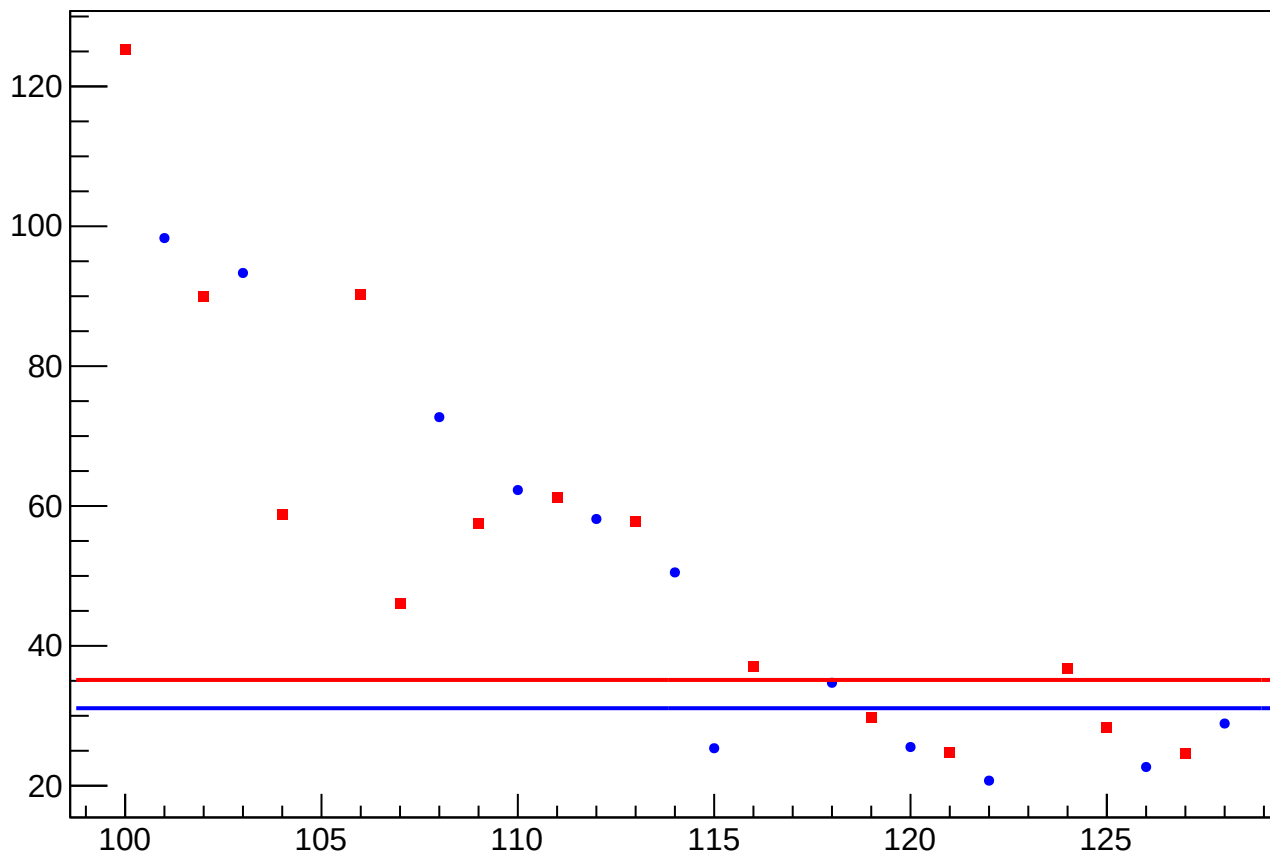
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.025 $\pm$ 0.012 χ^2 /NDF: 17.7/25

- 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: 31.086+/-0.011 χ^2/NDF : 2189957.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.128+/-0.012 χ^2/NDF : 1748422.8/13

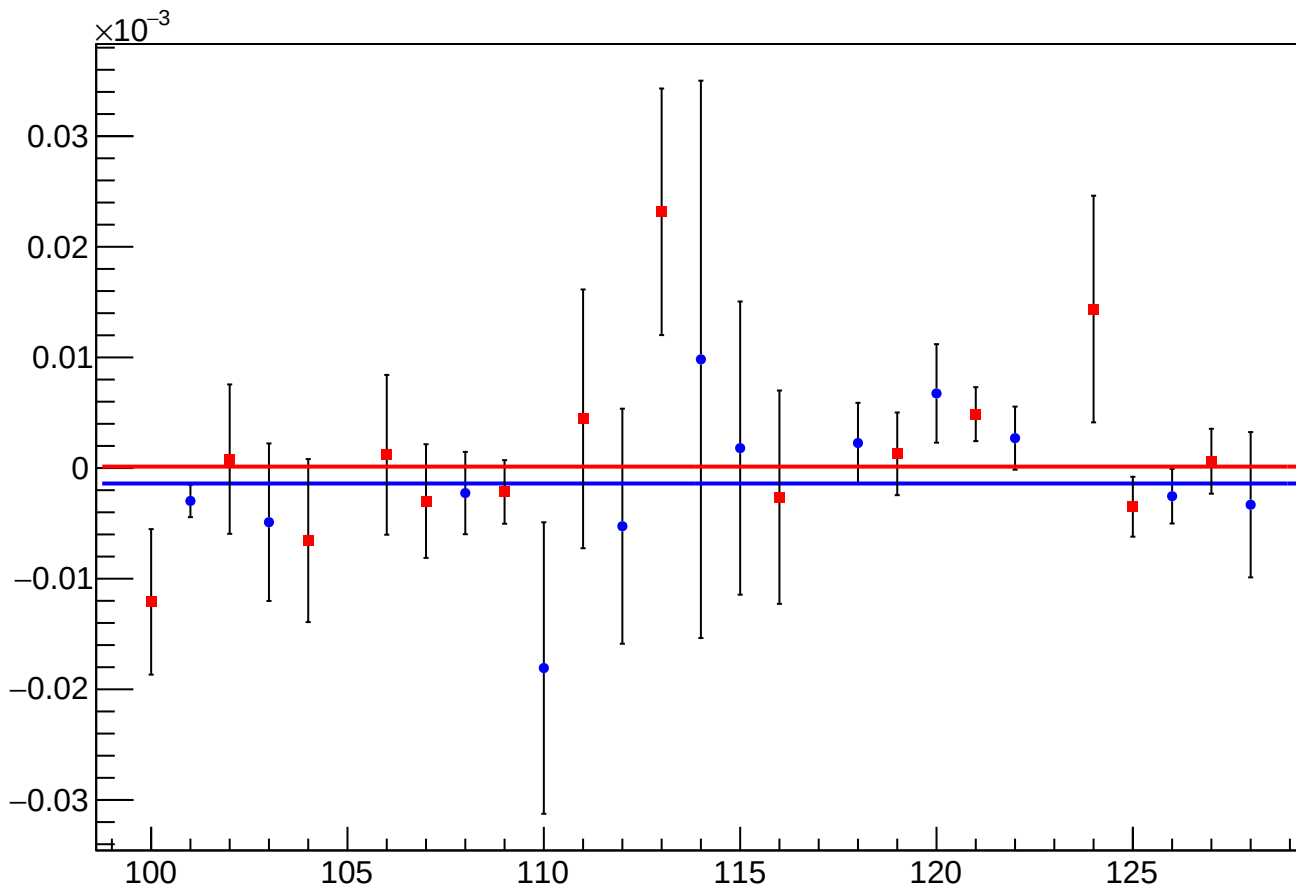
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.000+/-0.008 χ^2/NDF : 3998756.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 10.2/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 17.4/13

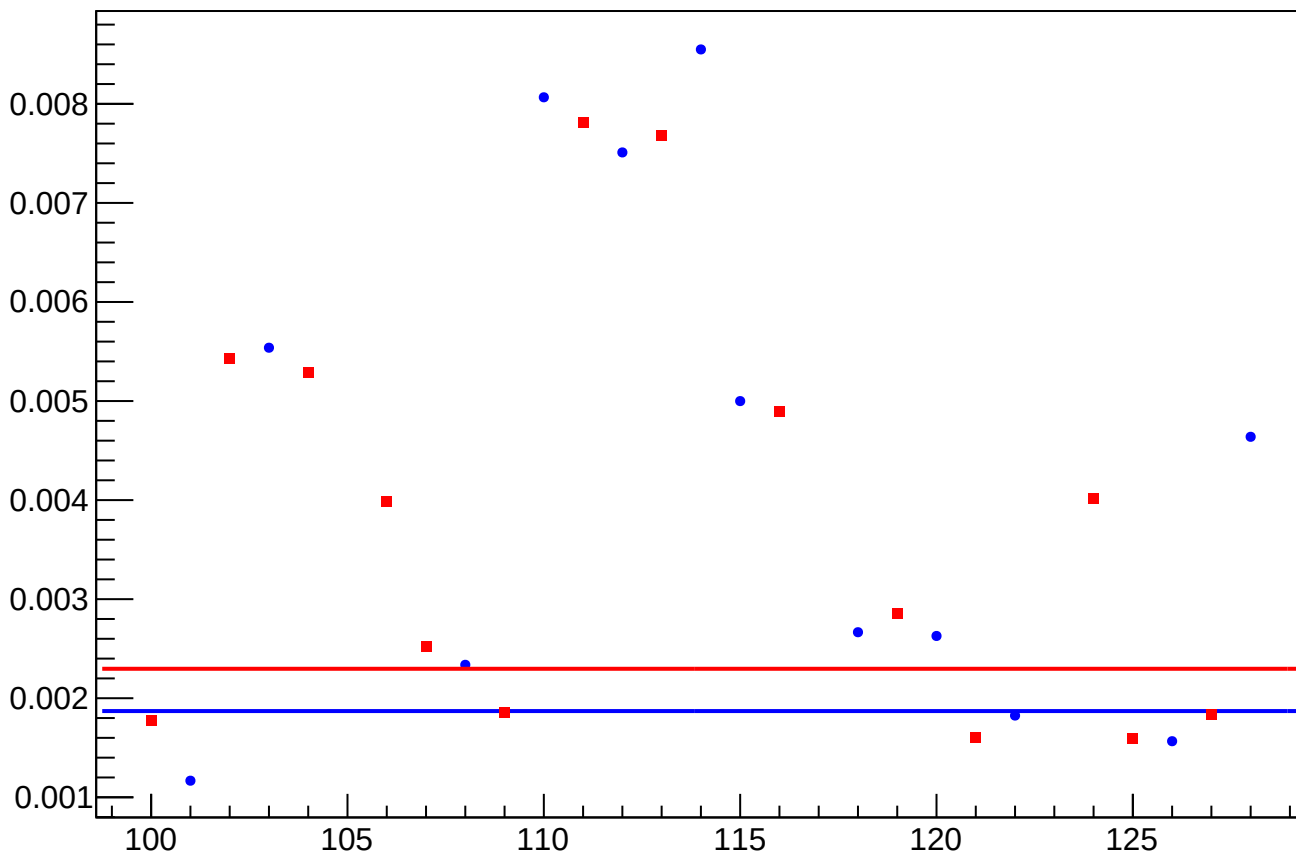
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 28.6/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 2820909.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2439650.1/13

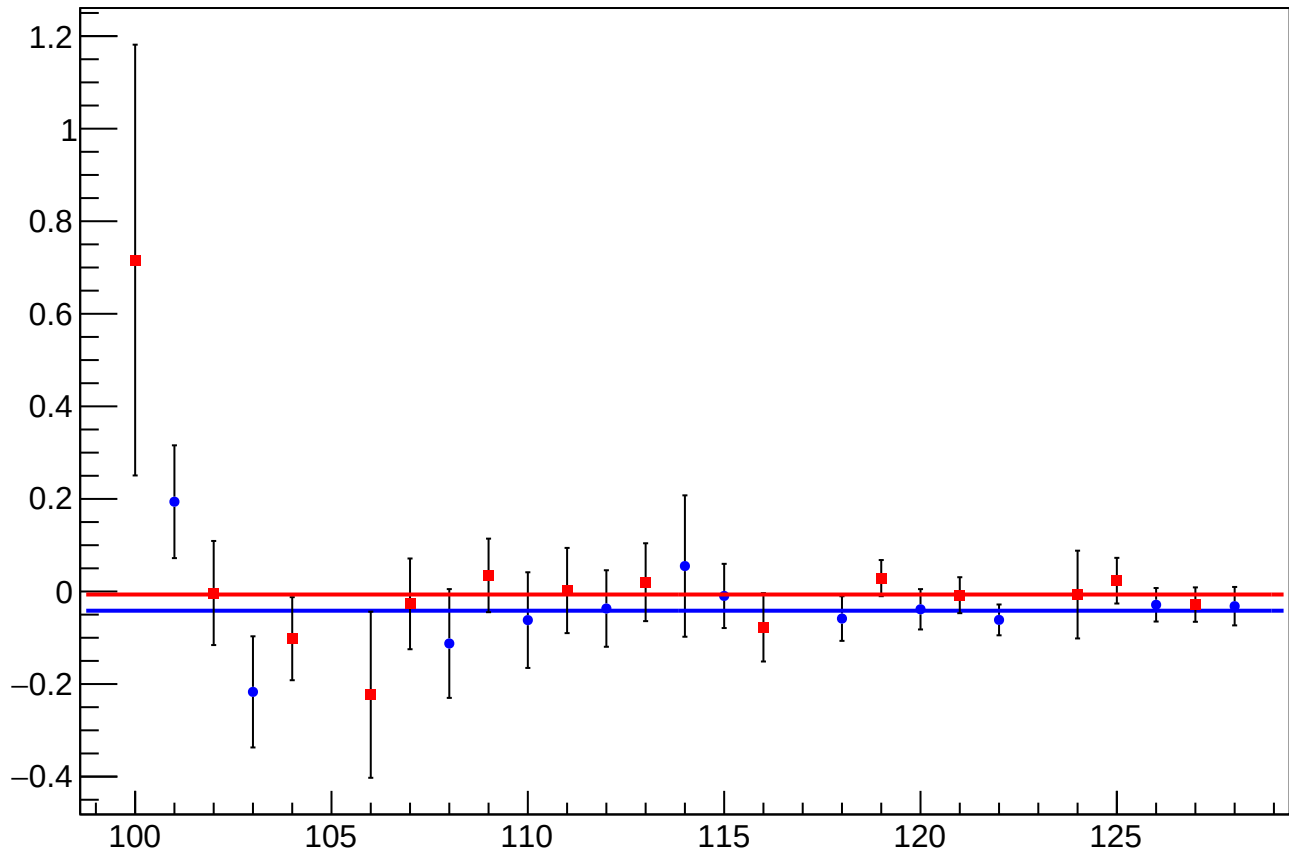
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5420161.1/25

- 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: -0.042 ± 0.016 χ^2/NDF : 7.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.007 ± 0.017 χ^2/NDF : 7.9/13

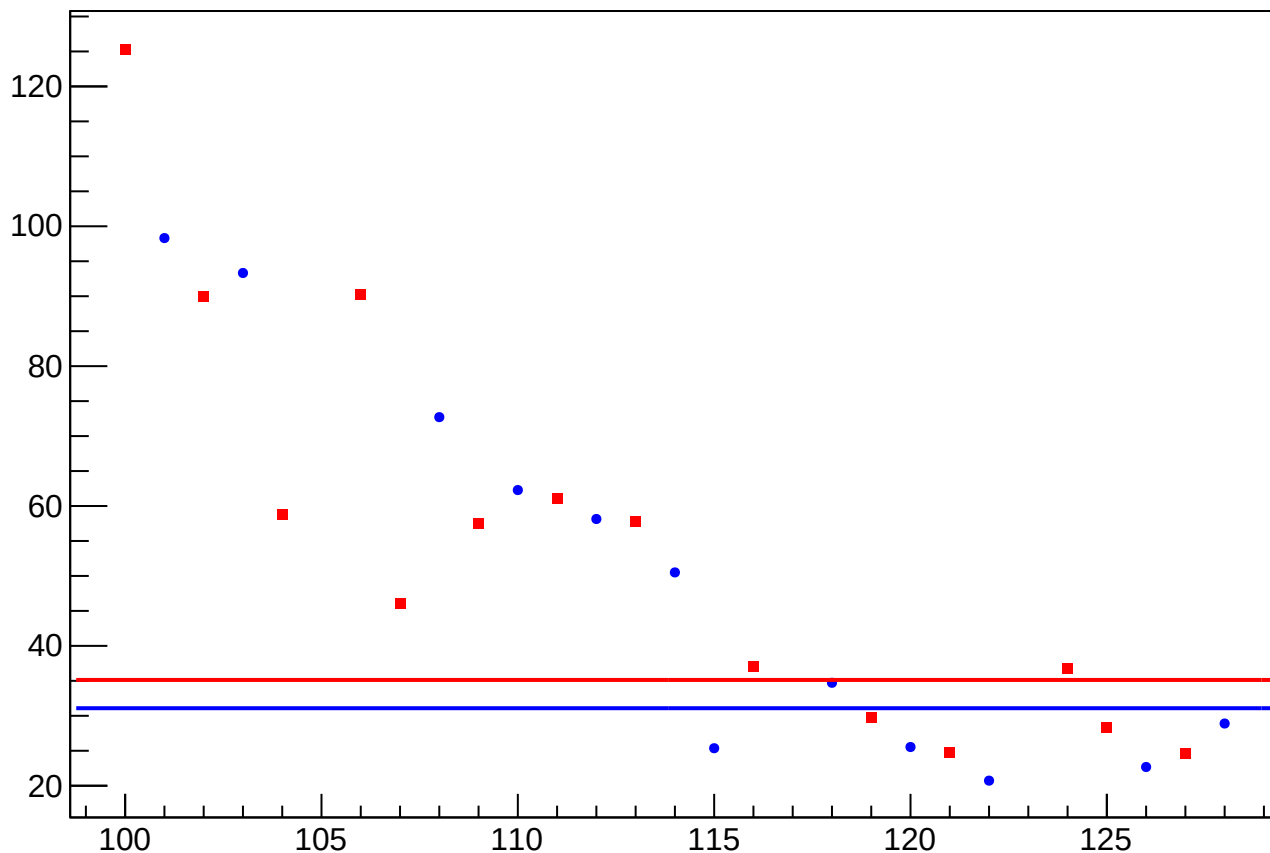
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.025 ± 0.012 χ^2/NDF : 17.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 31.086+/-0.011 χ^2/NDF : 2189926.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.128+/-0.012 χ^2/NDF : 1748364.3/13

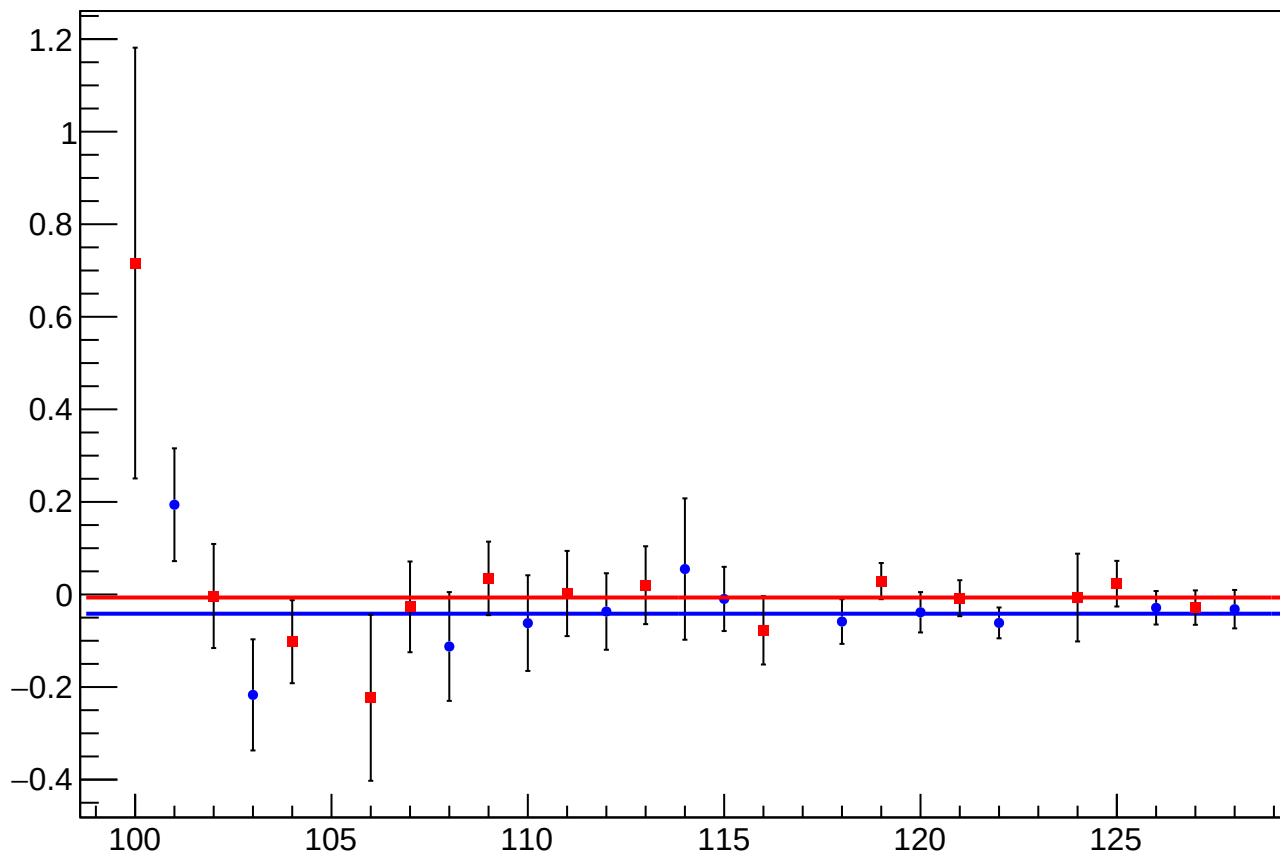
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.000+/-0.008 χ^2/NDF : 3998660.9/25

- 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: -0.042 ± 0.016 χ^2/NDF : 7.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.007 ± 0.017 χ^2/NDF : 7.9/13

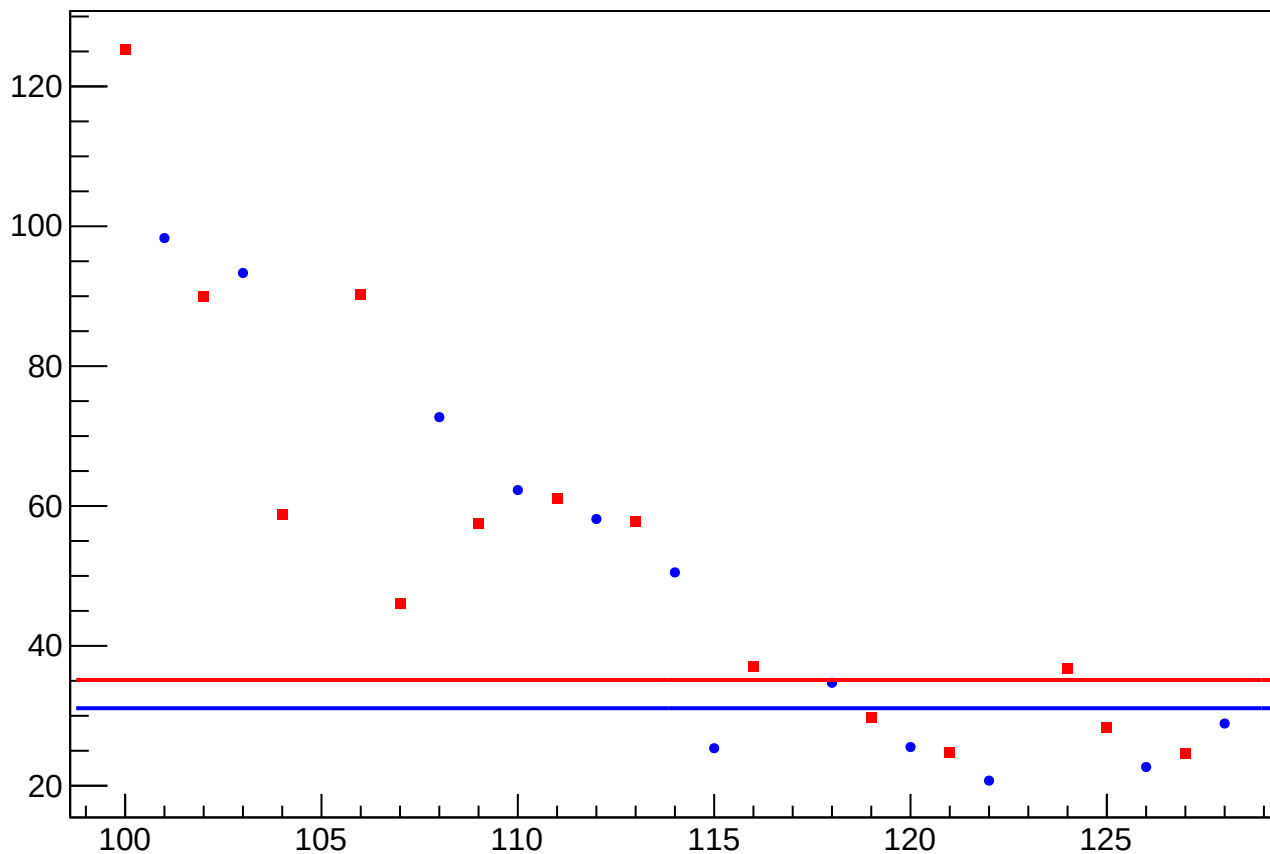
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.025 ± 0.012 χ^2/NDF : 17.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 31.086+/-0.011 χ^2/NDF : 2189926.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.128+/-0.012 χ^2/NDF : 1748364.3/13

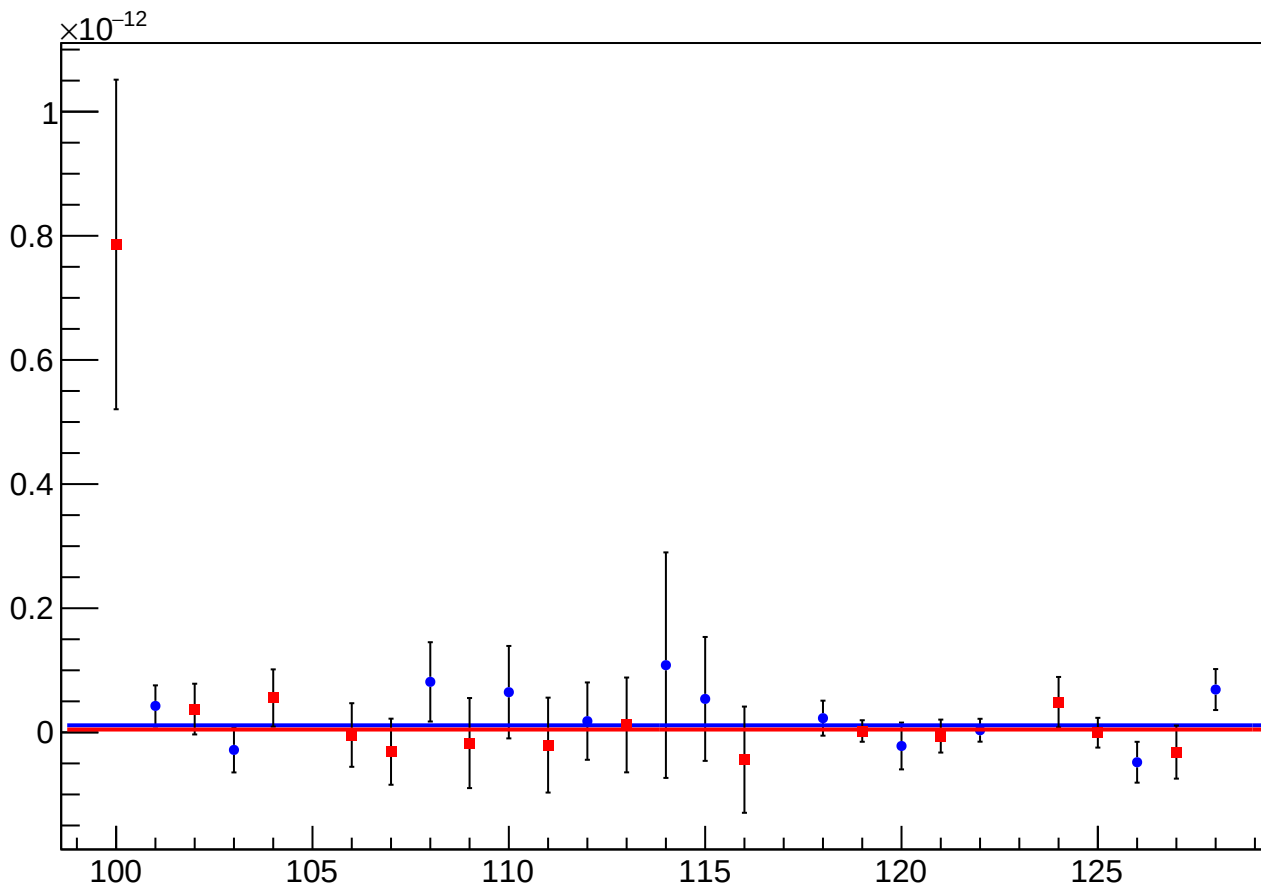
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.000+/-0.008 χ^2/NDF : 3998660.9/25

- 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+/-0.000 χ^2/NDF : 11.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.7/13

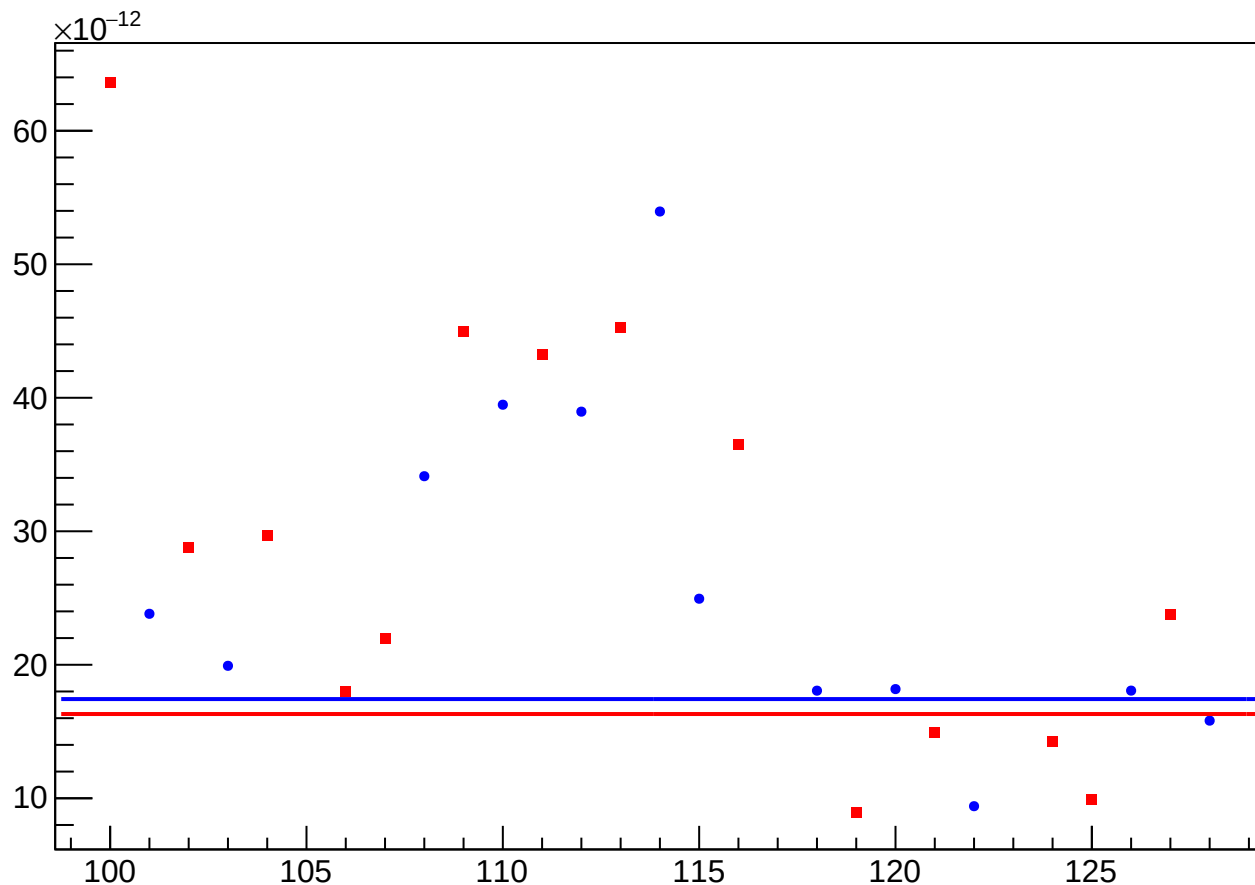
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.6/25

- sign 0.000+/-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 : 1113249.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1977830.3/13

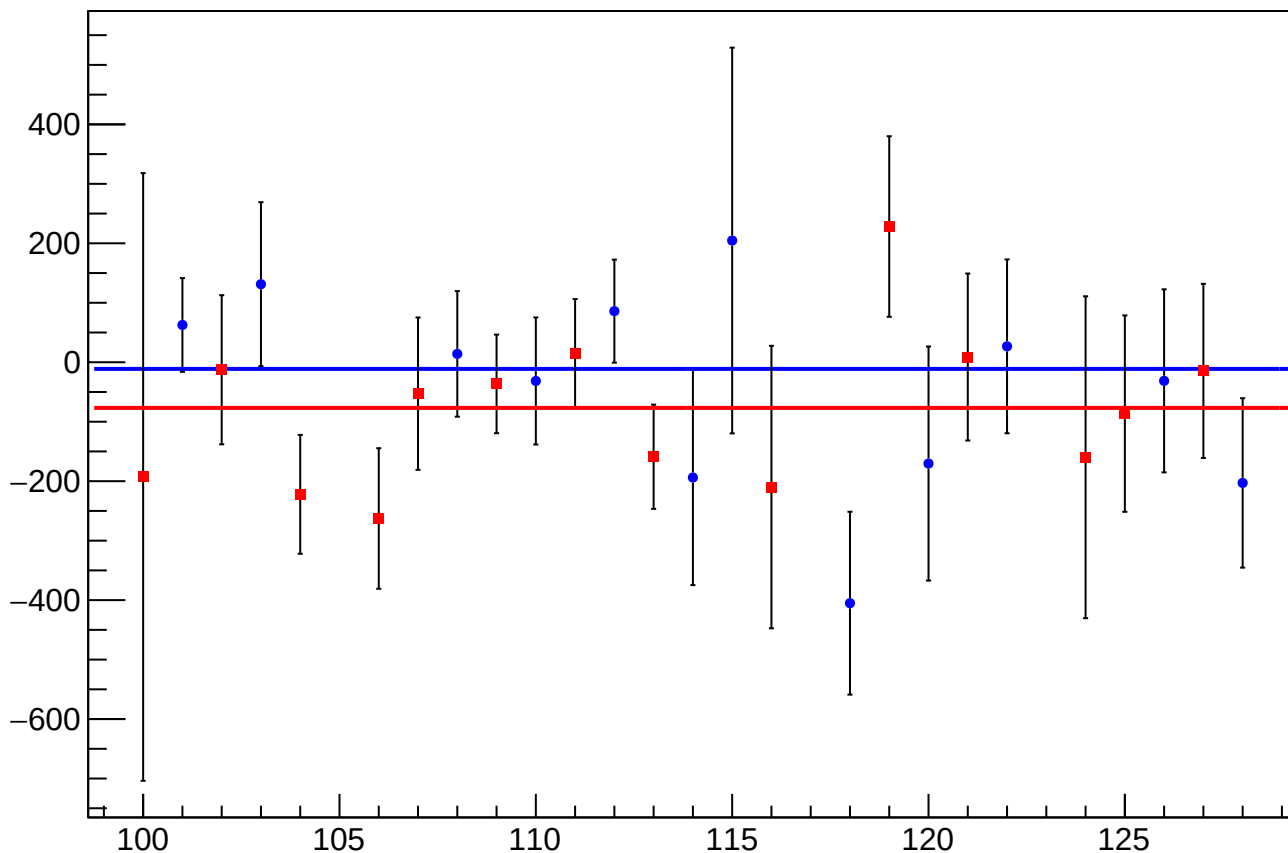
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3103187.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_mean vs Slug



Right In: -11.175+/-36.020 χ^2/NDF : 13.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -76.727+/-33.247 χ^2/NDF : 12.1/13

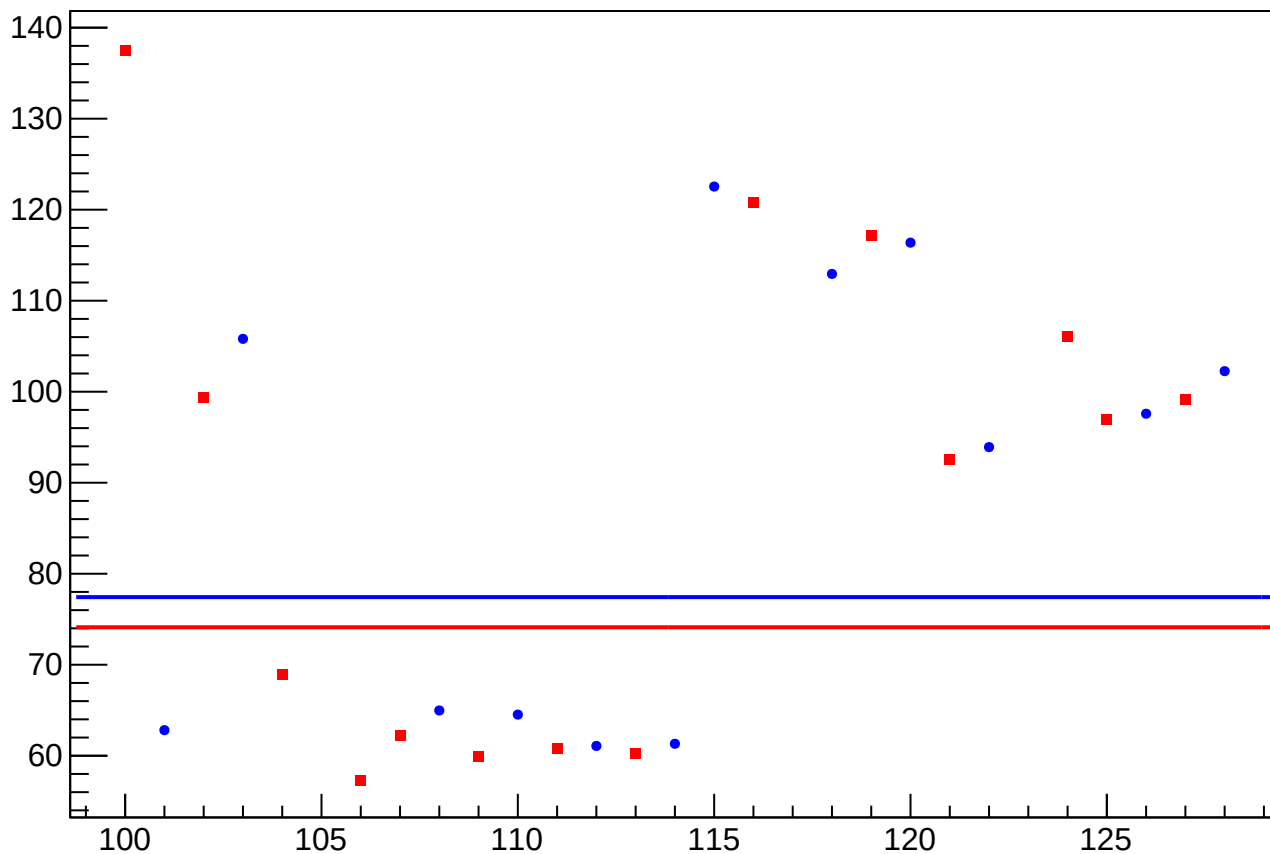
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.571+/-24.431 χ^2/NDF : 27.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_rms vs Slug



Right In: 77.429+/-0.025 χ^2/NDF : 641904.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.119+/-0.024 χ^2/NDF : 722808.2/13

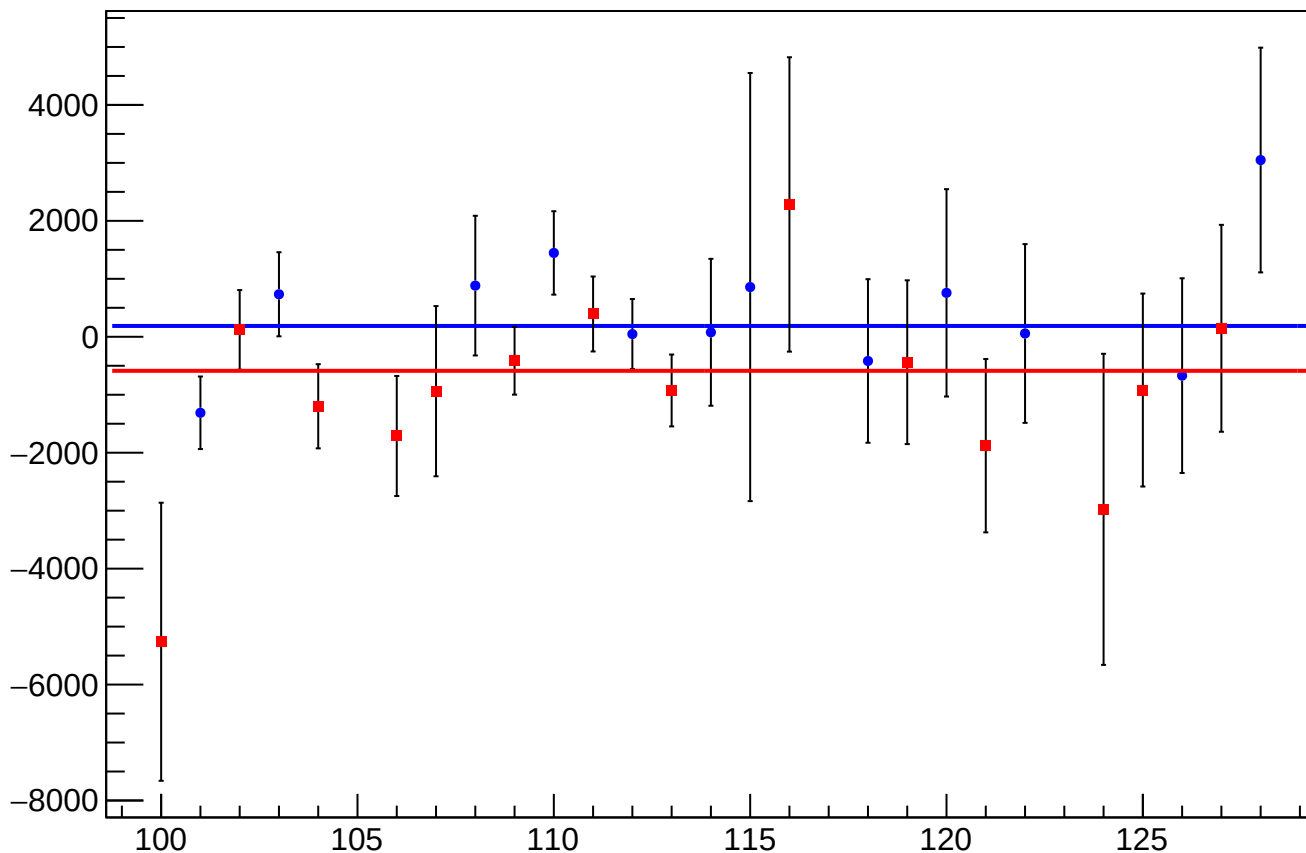
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.642+/-0.017 χ^2/NDF : 1373836.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_reg_correction_mean vs Slug



Right In: 187.000 $\pm$ 284.363 χ^2 /NDF: 12.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -587.080 $\pm$ 254.579 χ^2 /NDF: 12.5/13

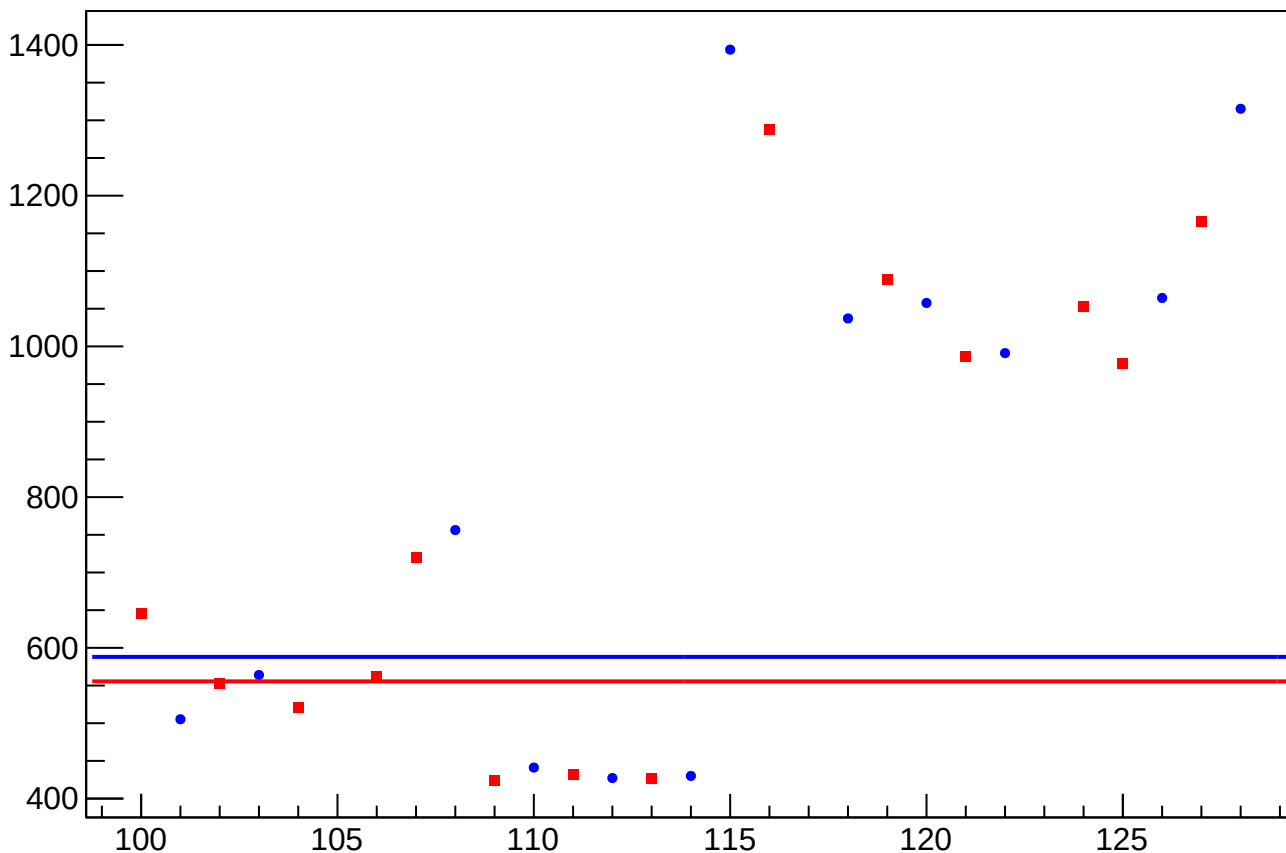
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -242.688 $\pm$ 189.673 χ^2 /NDF: 29.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_reg_correction_rms vs Slug



Right In: 587.991+/-0.201 χ^2/NDF : 1346981.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 555.518+/-0.180 χ^2/NDF : 1341584.6/13

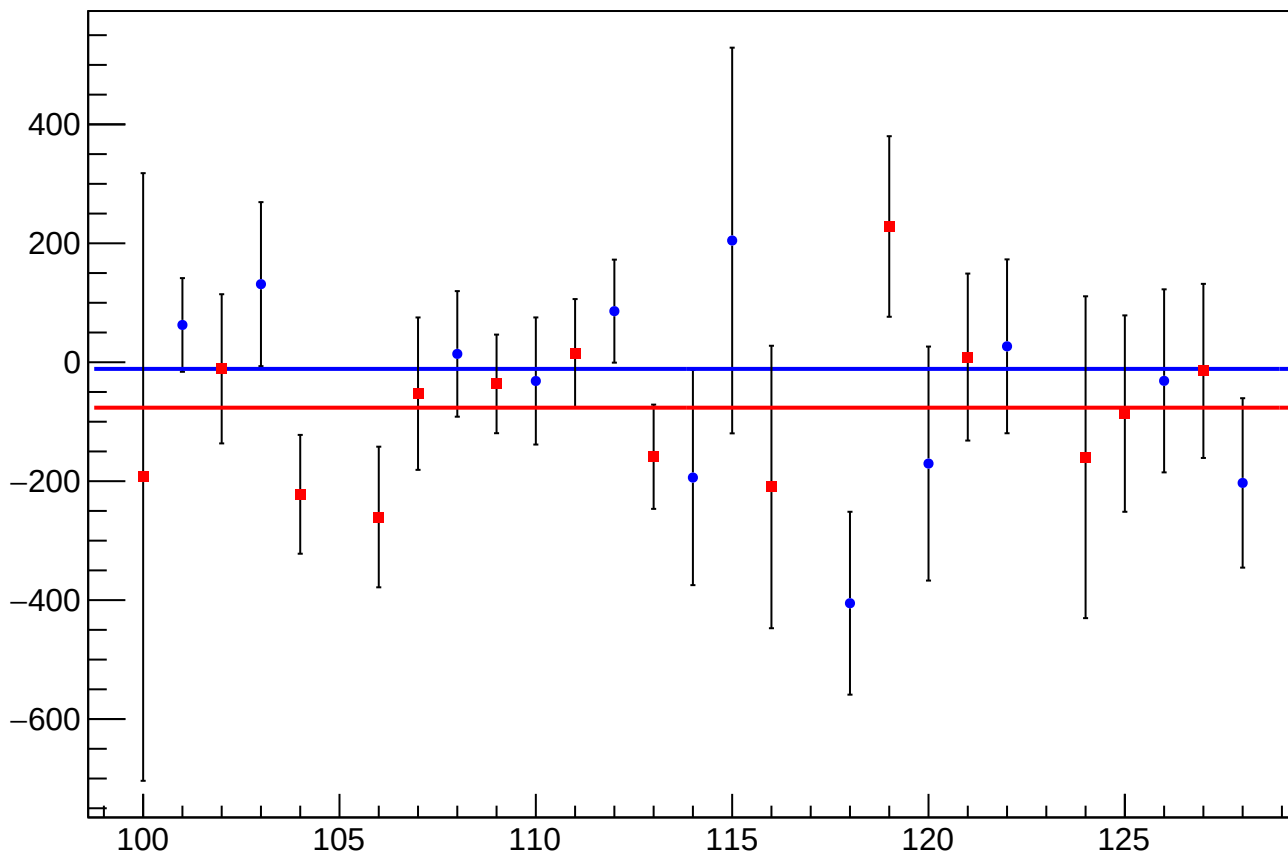
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 569.966+/-0.134 χ^2/NDF : 2703044.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_1548_avg_mean vs Slug



Right In: -11.181 ± 36.020 χ^2/NDF : 13.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -76.398 ± 33.250 χ^2/NDF : 12.0/13

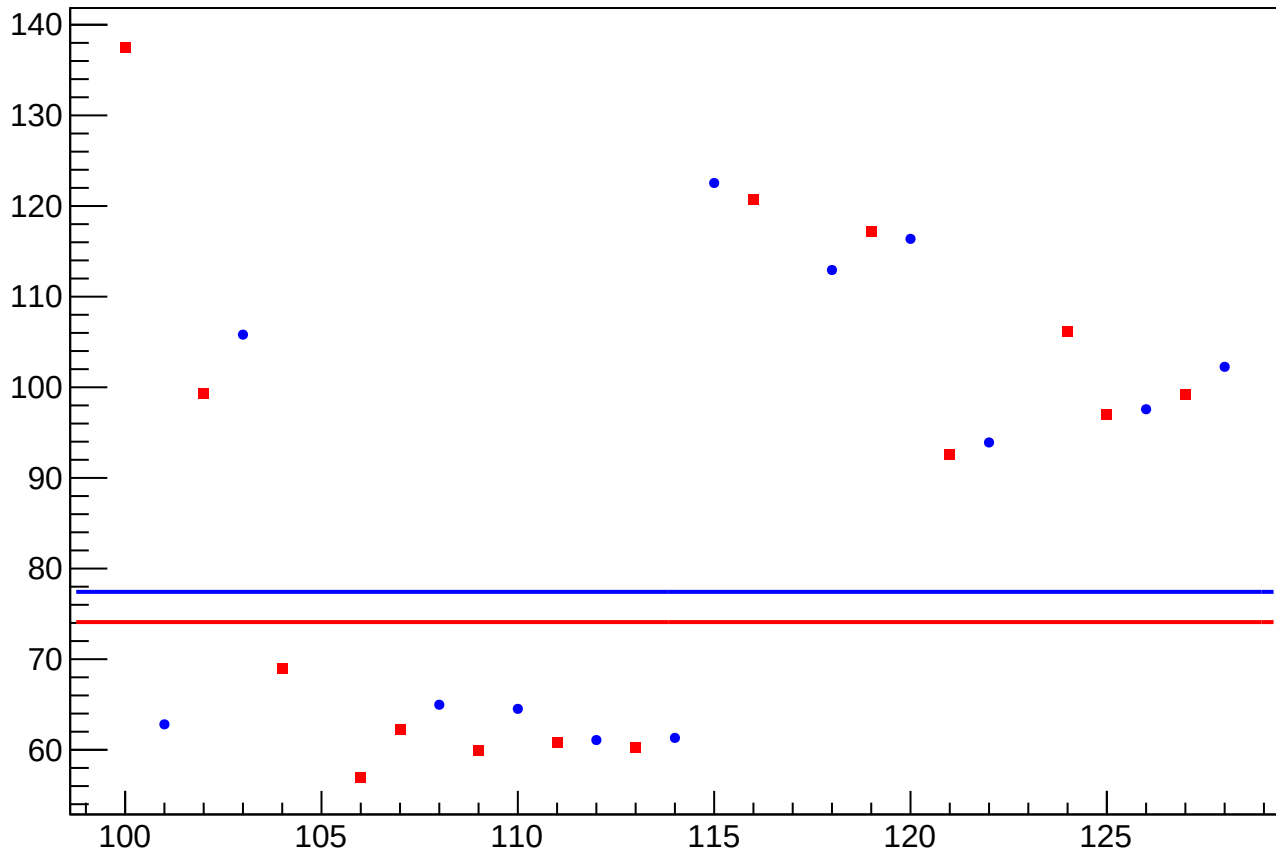
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -46.393 ± 24.432 χ^2/NDF : 27.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam_1548_avg_rms vs Slug



Right In: 77.429+/-0.025 χ^2/NDF : 641906.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.095+/-0.024 χ^2/NDF : 724593.6/13

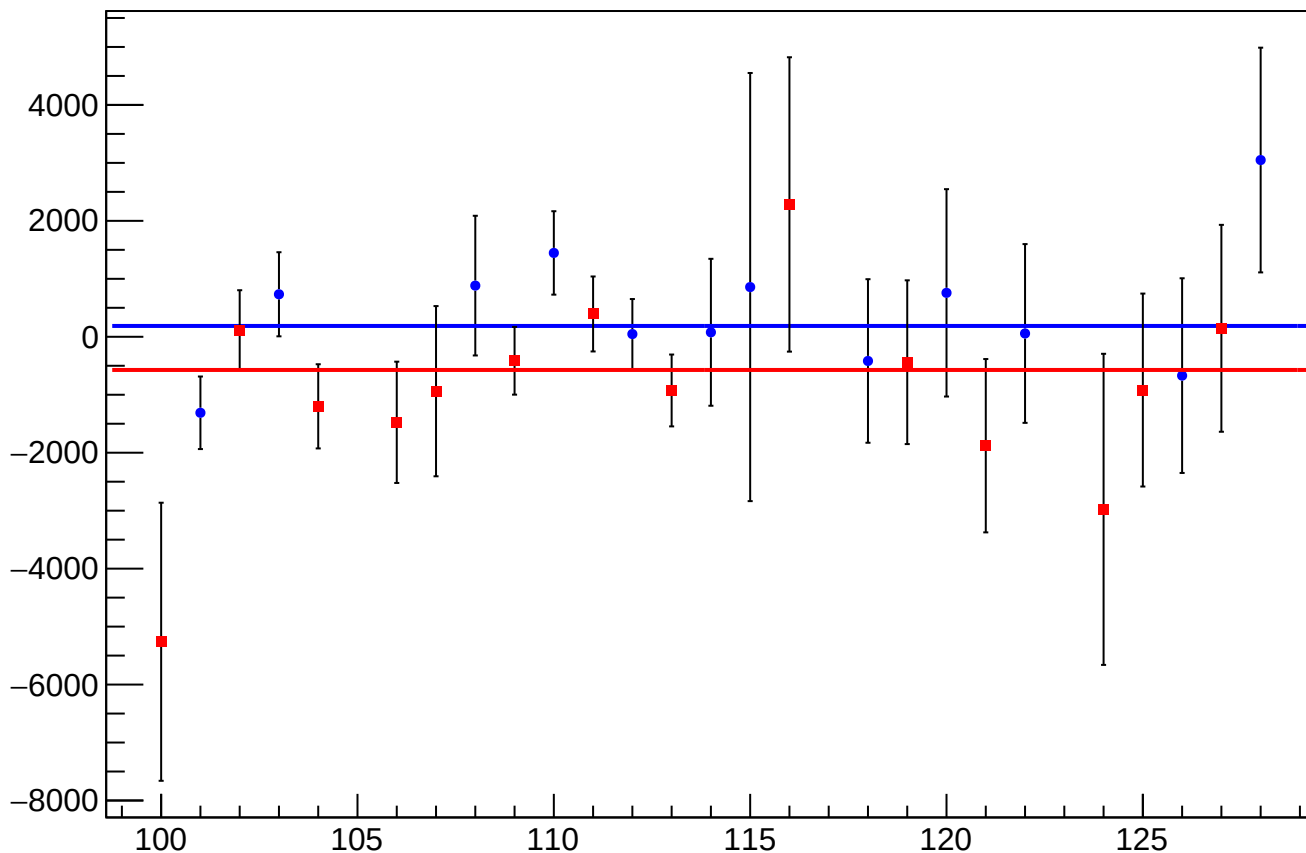
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.629+/-0.017 χ^2/NDF : 1375754.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_cor_correction_mean vs Slug



Right In: 186.970+/-284.367 χ^2/NDF : 12.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -572.361+/-254.759 χ^2/NDF : 12.1/13

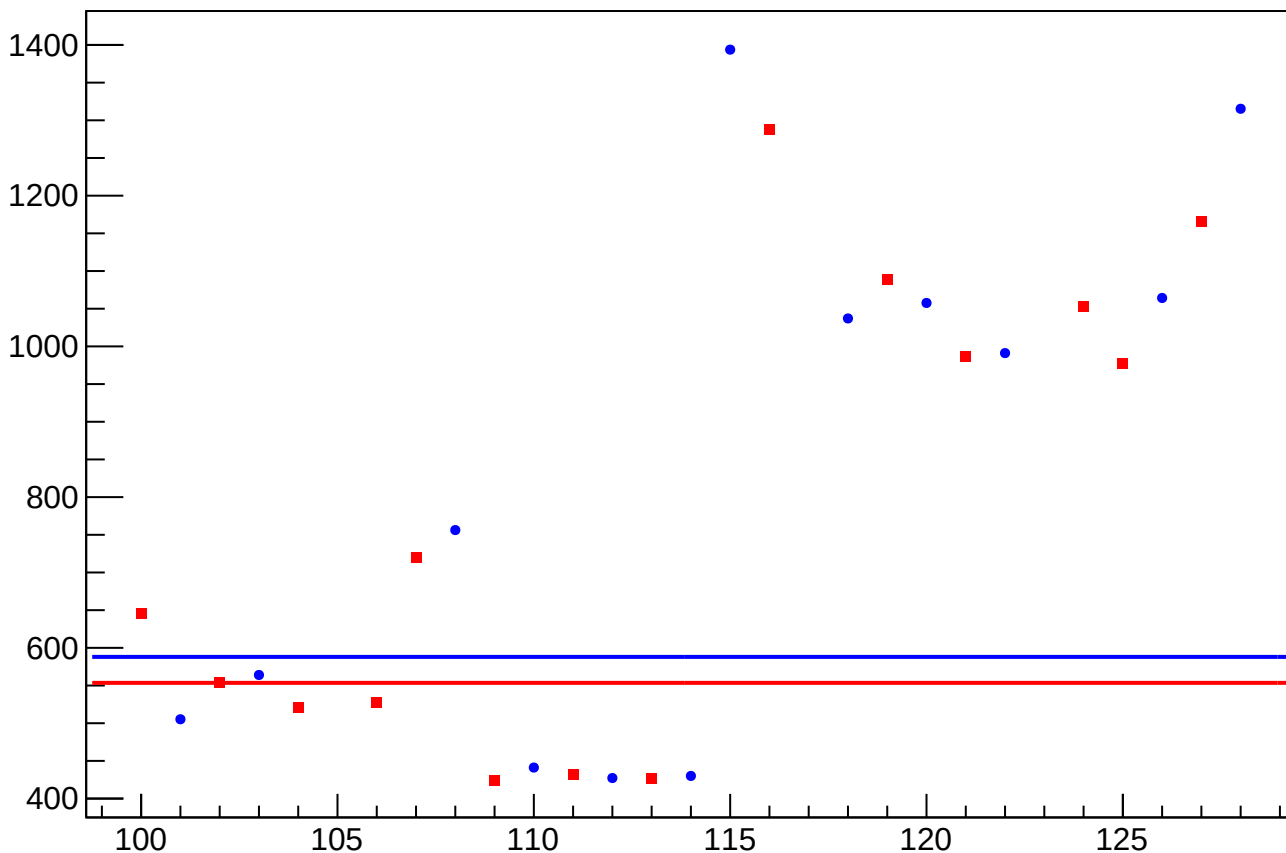
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -234.272+/-189.749 χ^2/NDF : 28.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_cor_correction_rms vs Slug



Right In: 588.001+/-0.201 χ^2/NDF : 1346968.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

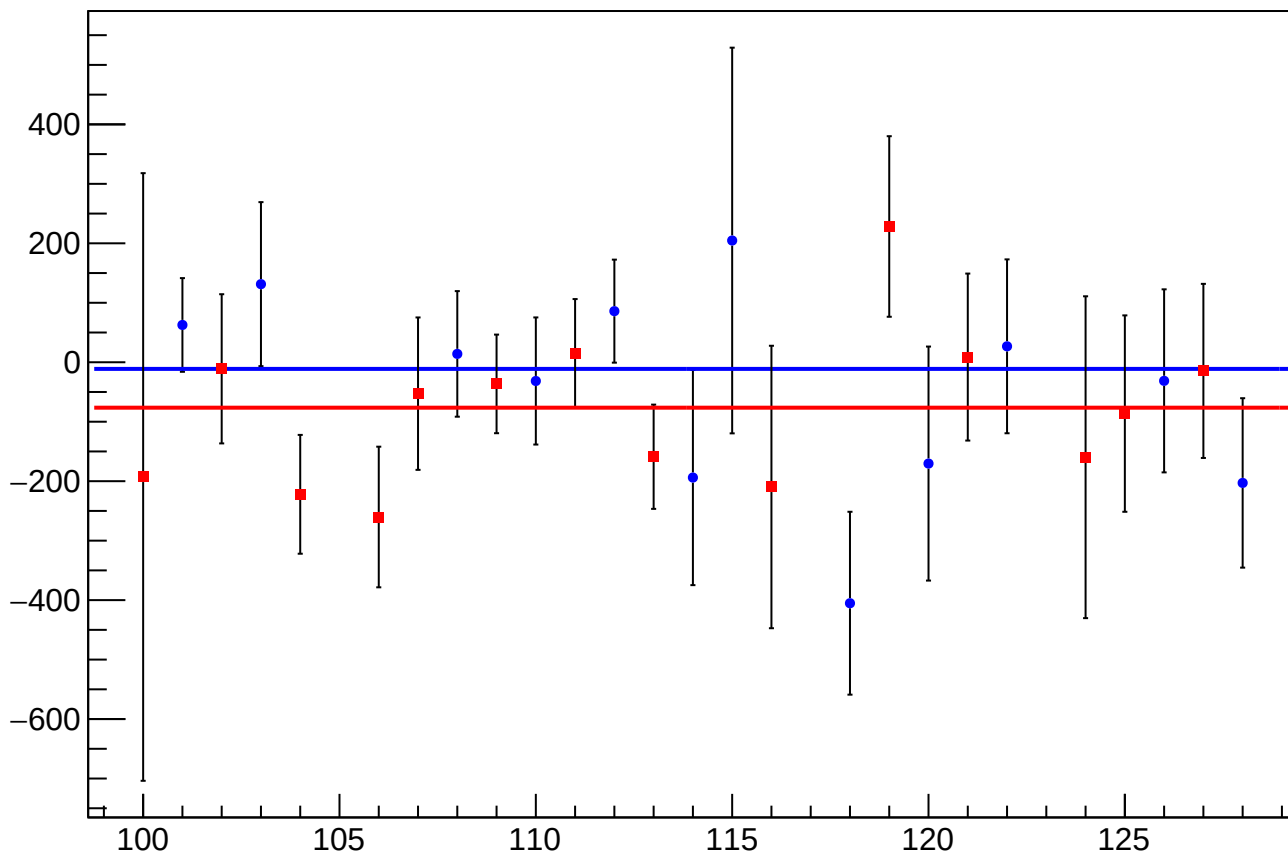
Right Out: 553.539+/-0.180 χ^2/NDF : 1342832.3/13

All: 568.883+/-0.134 χ^2/NDF : 2706096.3/25

- 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: -11.181 ± 36.020 χ^2/NDF : 13.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -76.398 ± 33.250 χ^2/NDF : 12.0/13

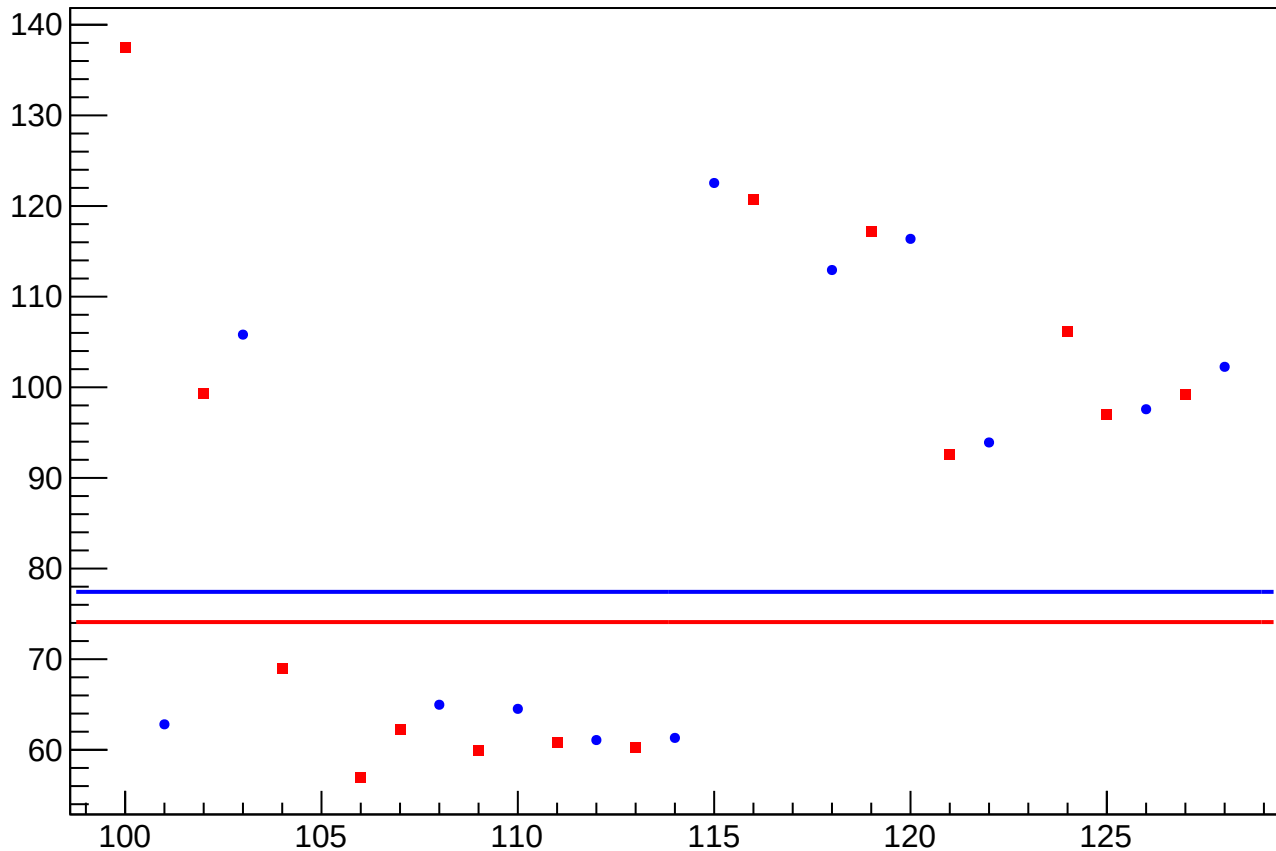
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -46.393 ± 24.432 χ^2/NDF : 27.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_1548_avg_rms vs Slug



Right In: 77.429+/-0.025 χ^2/NDF : 641906.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.095+/-0.024 χ^2/NDF : 724593.6/13

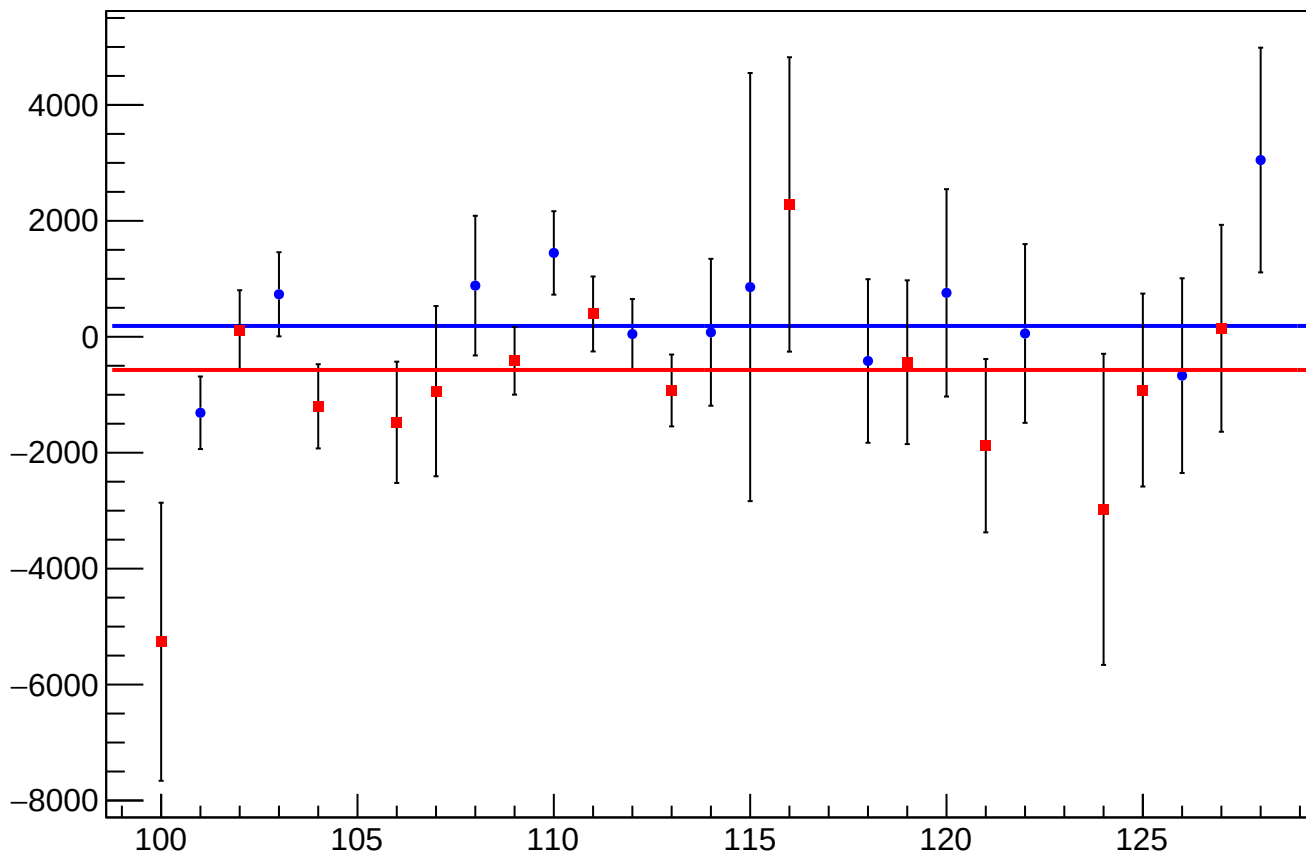
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.629+/-0.017 χ^2/NDF : 1375754.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_cor_correction_mean vs Slug



Right In: 186.970+/-284.367 χ^2/NDF : 12.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -572.361+/-254.759 χ^2/NDF : 12.1/13

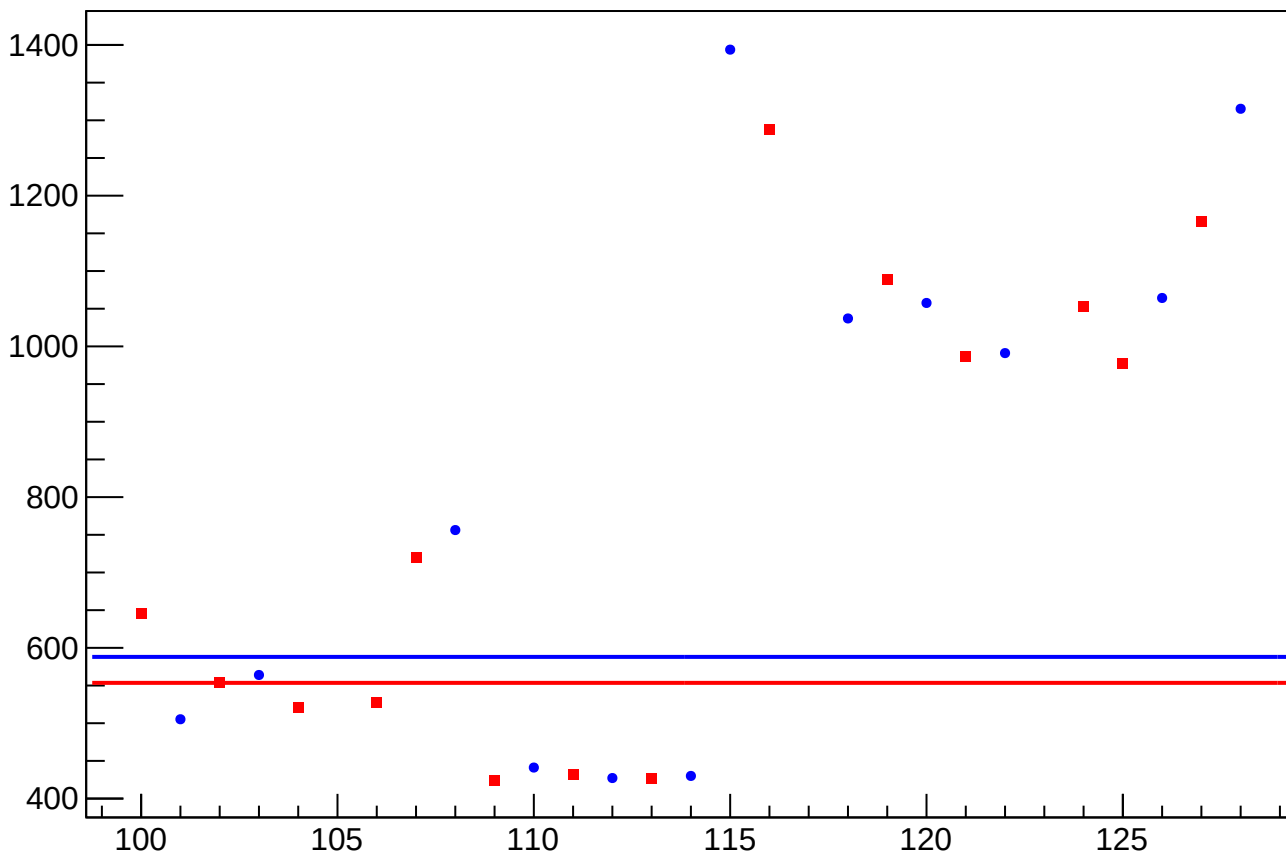
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -234.272+/-189.749 χ^2/NDF : 28.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_cor_correction_rms vs Slug



Right In: 588.001+/-0.201 χ^2/NDF : 1346968.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 553.539+/-0.180 χ^2/NDF : 1342832.3/13

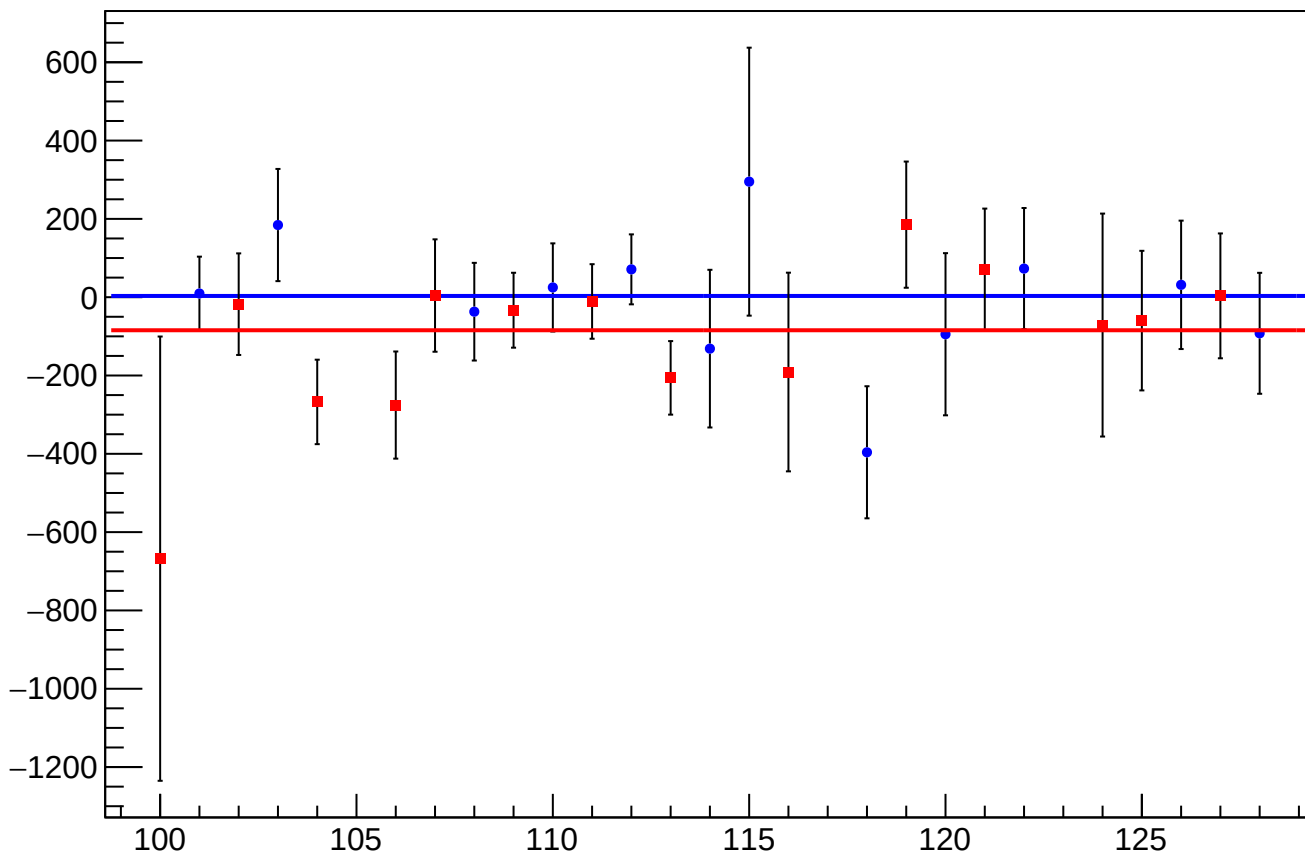
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 568.883+/-0.134 χ^2/NDF : 2706096.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1548_avg_mean vs Slug



Right In: 3.175 $\pm$ 39.449 χ^2 /NDF: 9.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -84.446 $\pm$ 36.224 χ^2 /NDF: 13.4/13

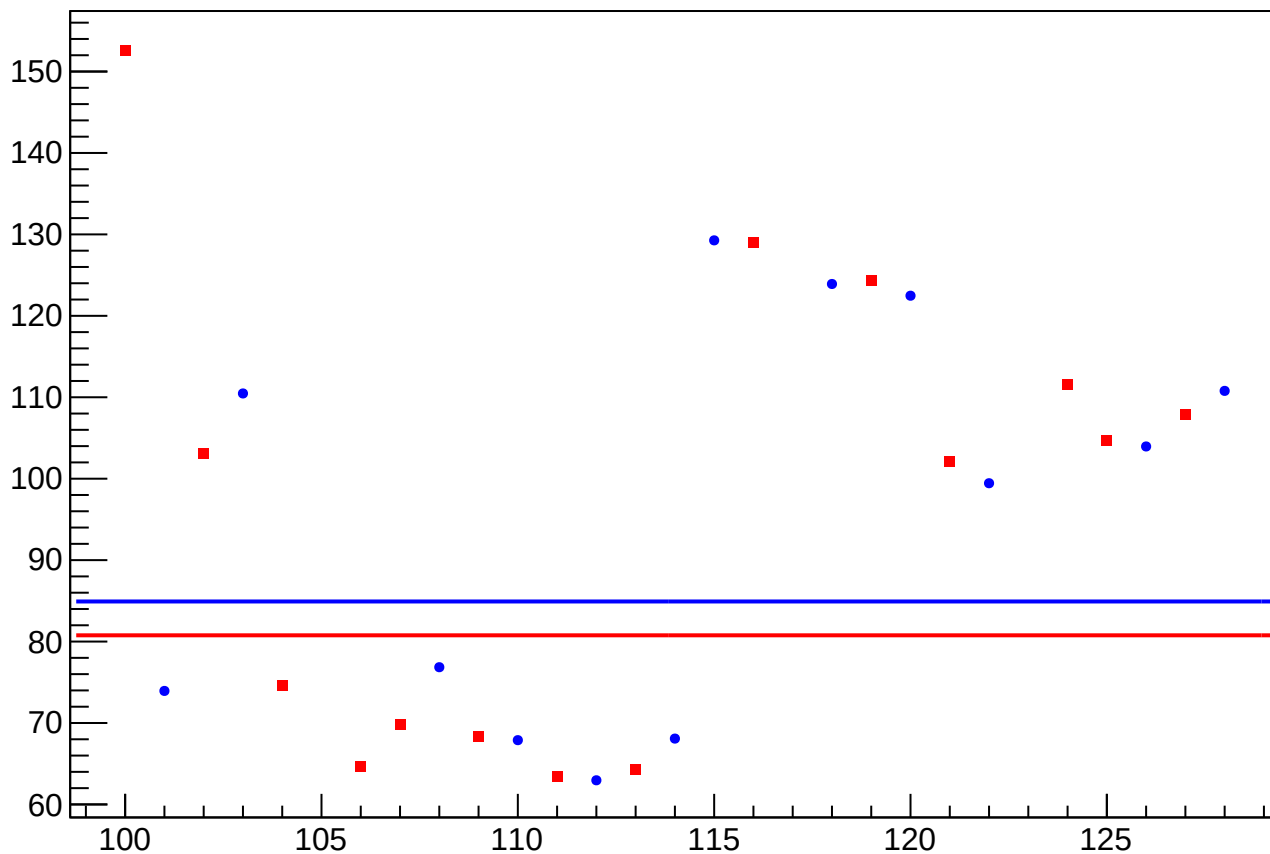
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -44.362 $\pm$ 26.682 χ^2 /NDF: 26.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_1548_avg_rms vs Slug



Right In: 84.923 ± 0.028 χ^2/NDF : 586588.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 80.767 ± 0.026 χ^2/NDF : 672040.1/13

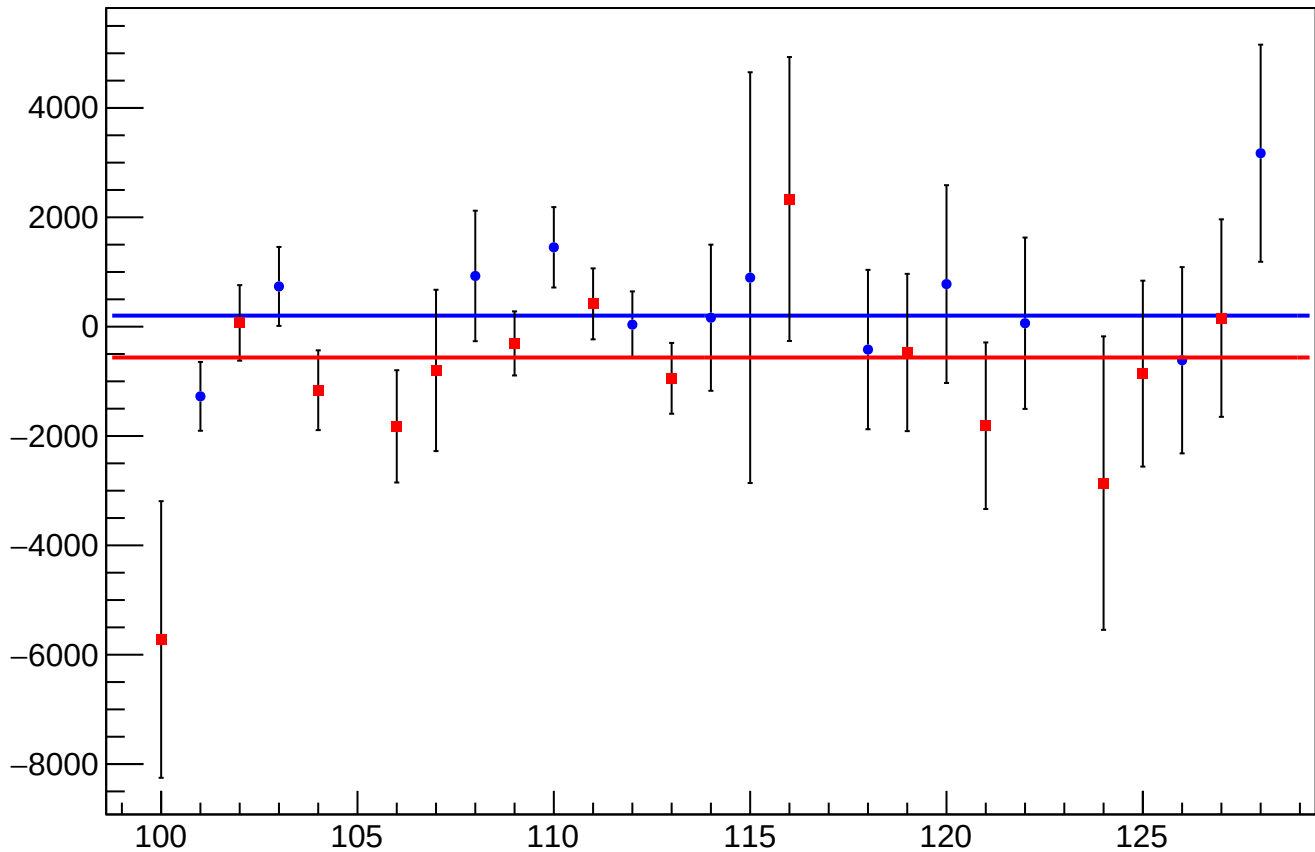
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 82.669 ± 0.019 χ^2/NDF : 1270669.8/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_dit_correction_mean vs Slug



Right In: 201.925+/-287.265 χ^2/NDF : 12.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -563.876+/-257.653 χ^2/NDF : 12.9/13

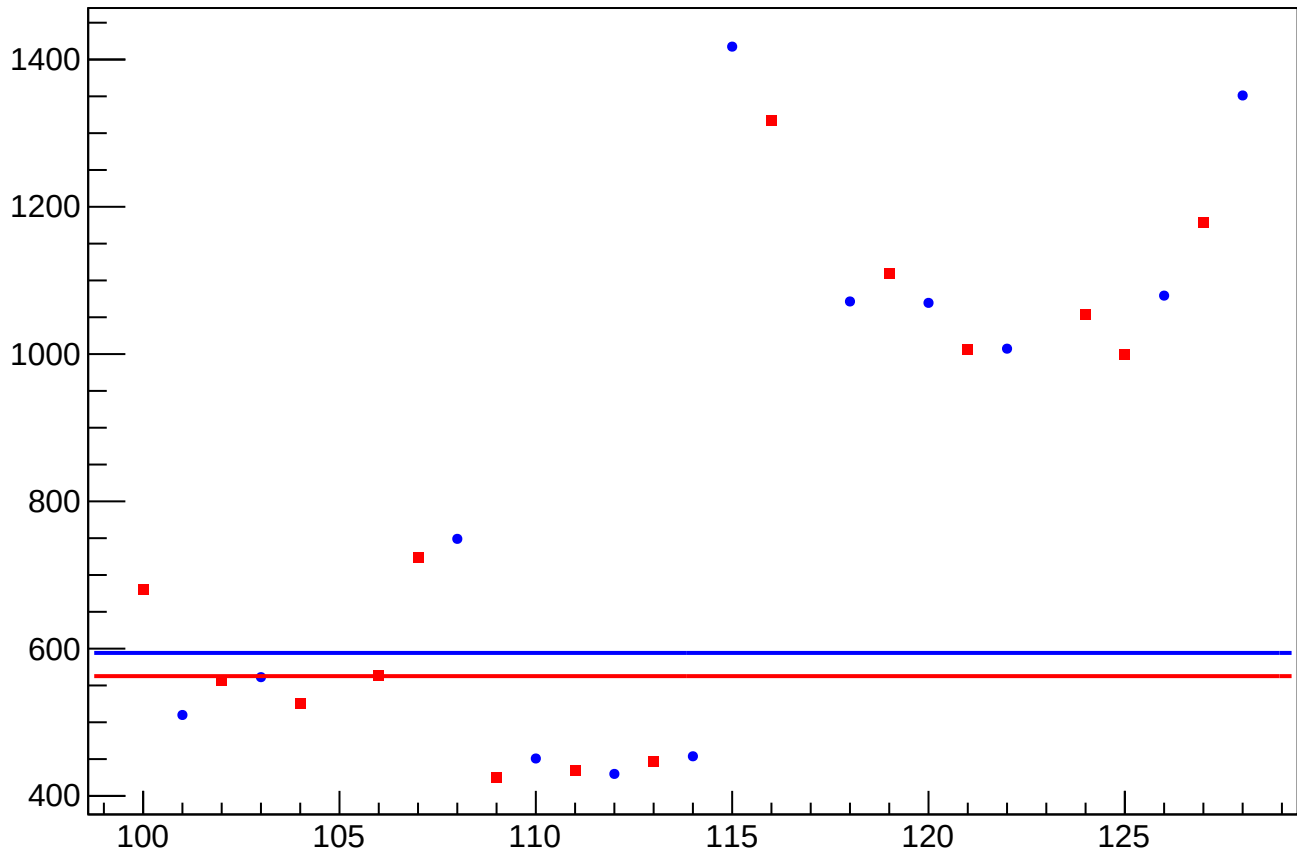
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -222.469+/-191.806 χ^2/NDF : 29.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_dit_correction_rms vs Slug



Right In: 594.185+/-0.203 χ^2/NDF : 1358883.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 562.666+/-0.182 χ^2/NDF : 1344275.7/13

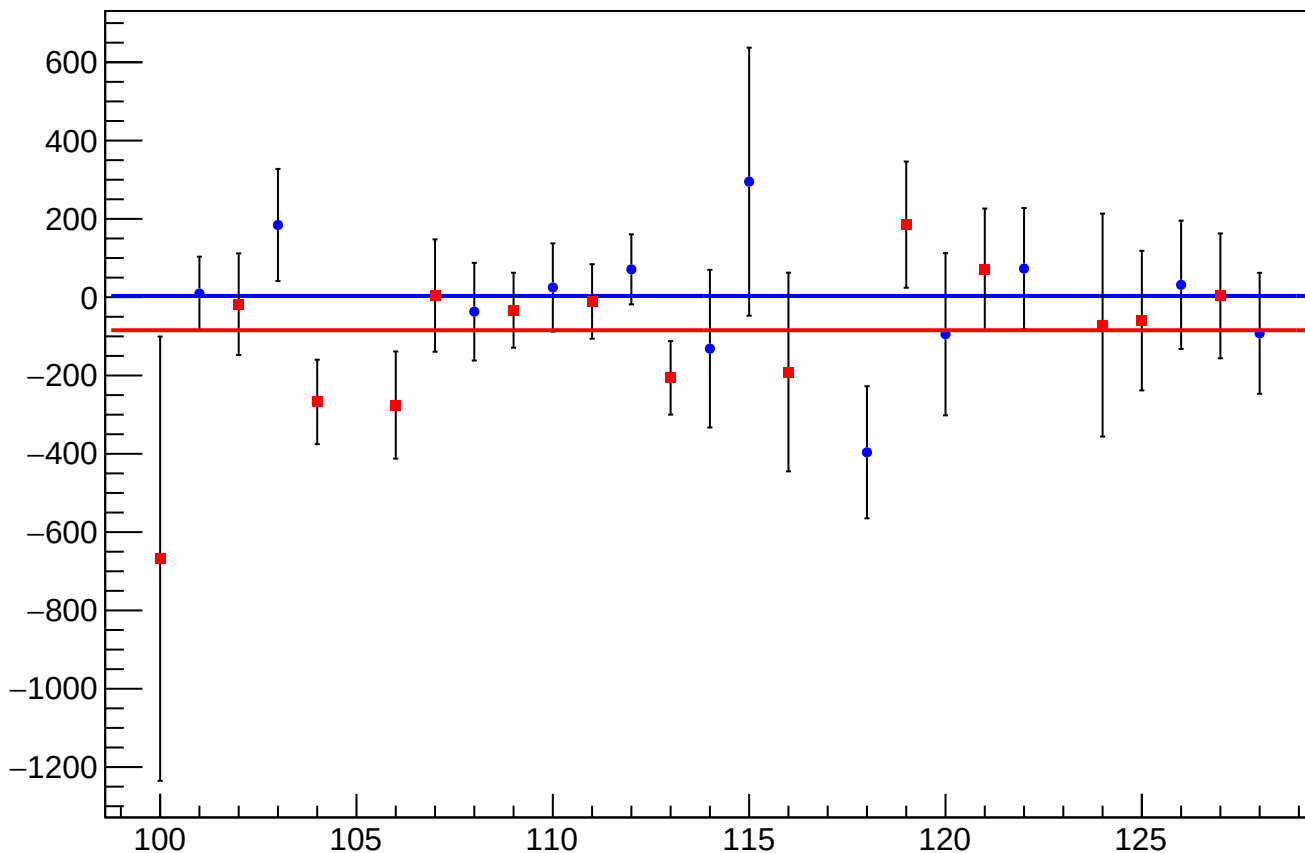
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 576.718+/-0.136 χ^2/NDF : 2716502.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1548_avg_mean vs Slug



Right In: 3.175+/-39.449 χ^2/NDF : 9.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -84.445+/-36.224 χ^2/NDF : 13.4/13

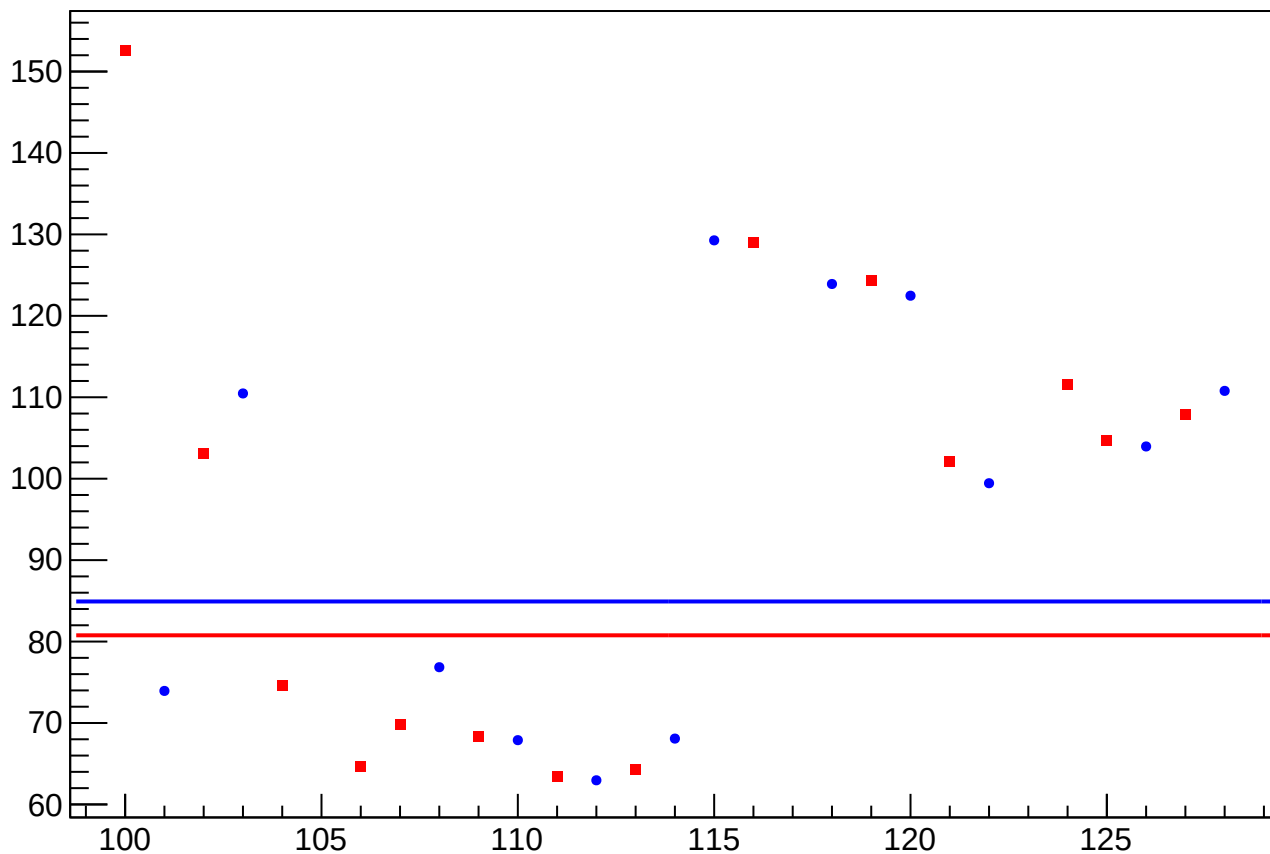
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.362+/-26.682 χ^2/NDF : 26.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1548_avg_rms vs Slug



Right In: 84.923+/-0.028 χ^2/NDF : 586588.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.767+/-0.026 χ^2/NDF : 672040.1/13

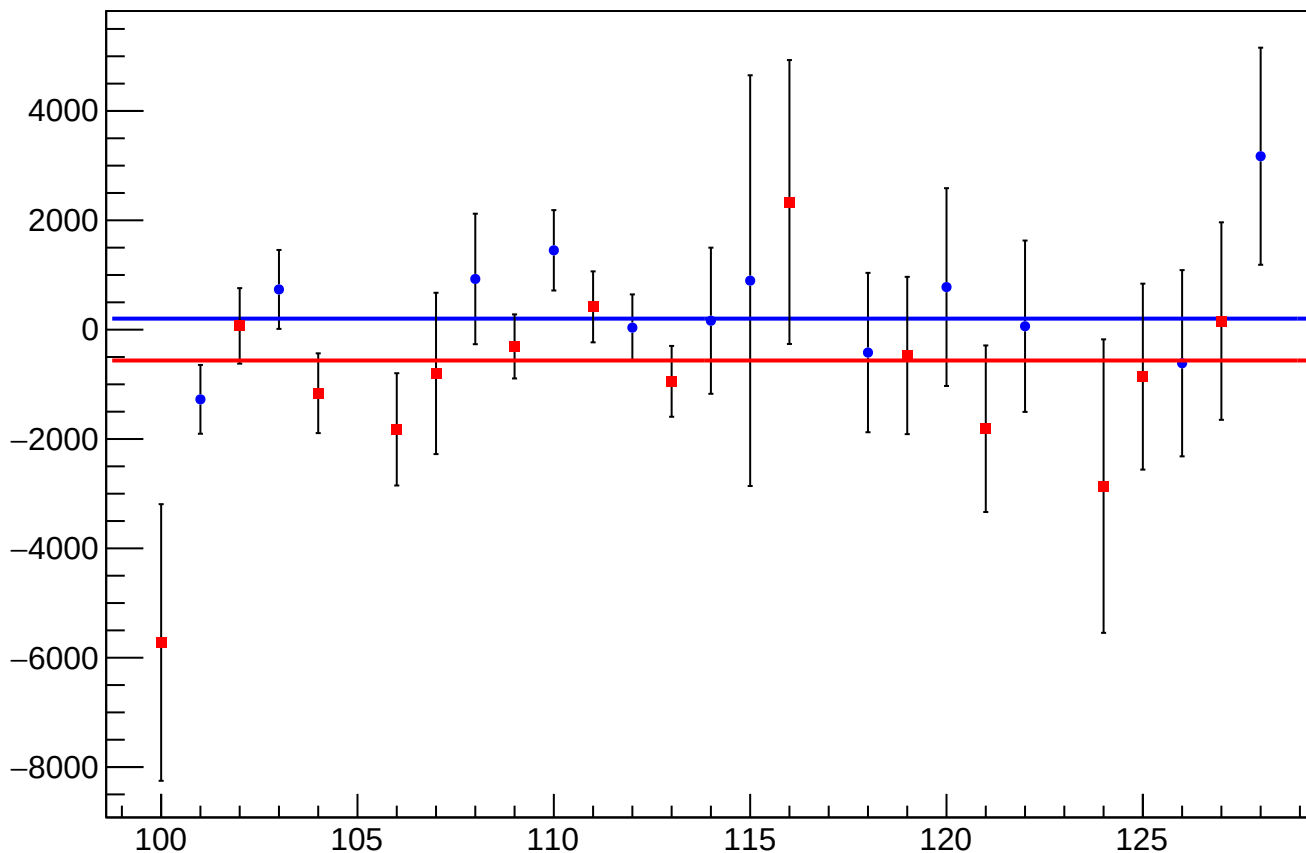
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.669+/-0.019 χ^2/NDF : 1270670.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_dit_correction_mean vs Slug



Right In: 201.924+/-287.265 χ^2/NDF : 12.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -563.875+/-257.652 χ^2/NDF : 12.9/13

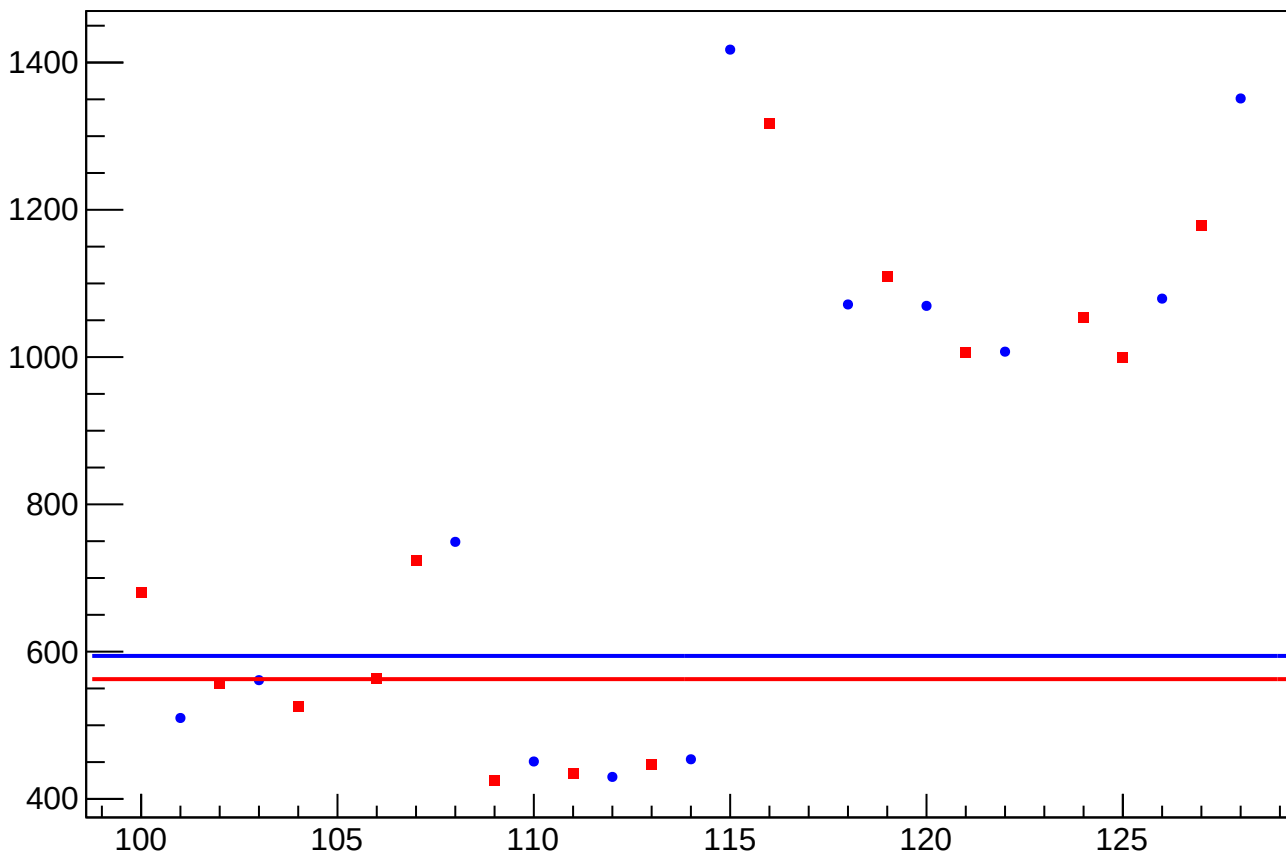
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -222.469+/-191.805 χ^2/NDF : 29.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_dit_correction_rms vs Slug



Right In: 594.185+/-0.203 χ^2/NDF : 1358887.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 562.665+/-0.182 χ^2/NDF : 1344278.3/13

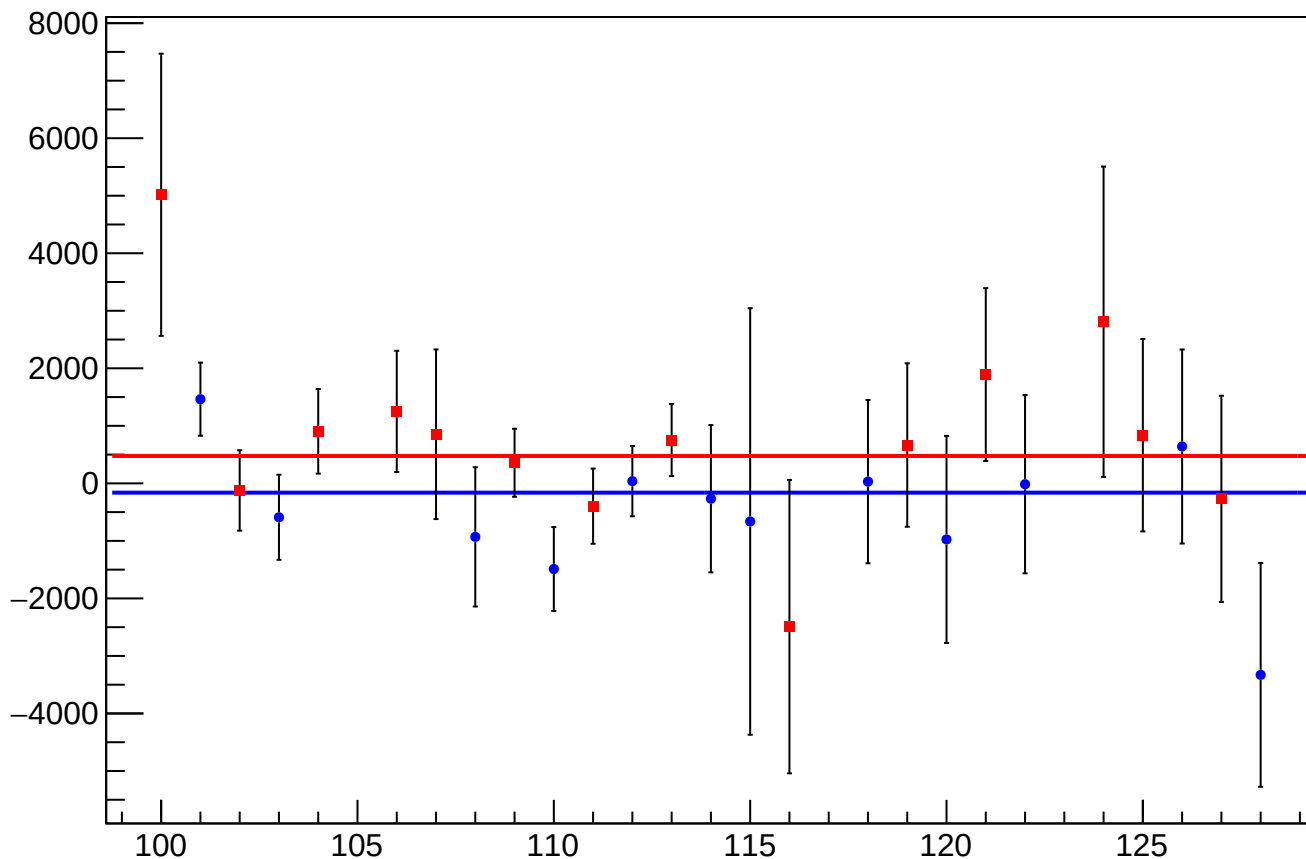
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 576.717+/-0.136 χ^2/NDF : 2716509.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_mean vs Slug



Right In: -161.511+/-287.774 χ^2/NDF : 13.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 476.163+/-257.578 χ^2/NDF : 10.4/13

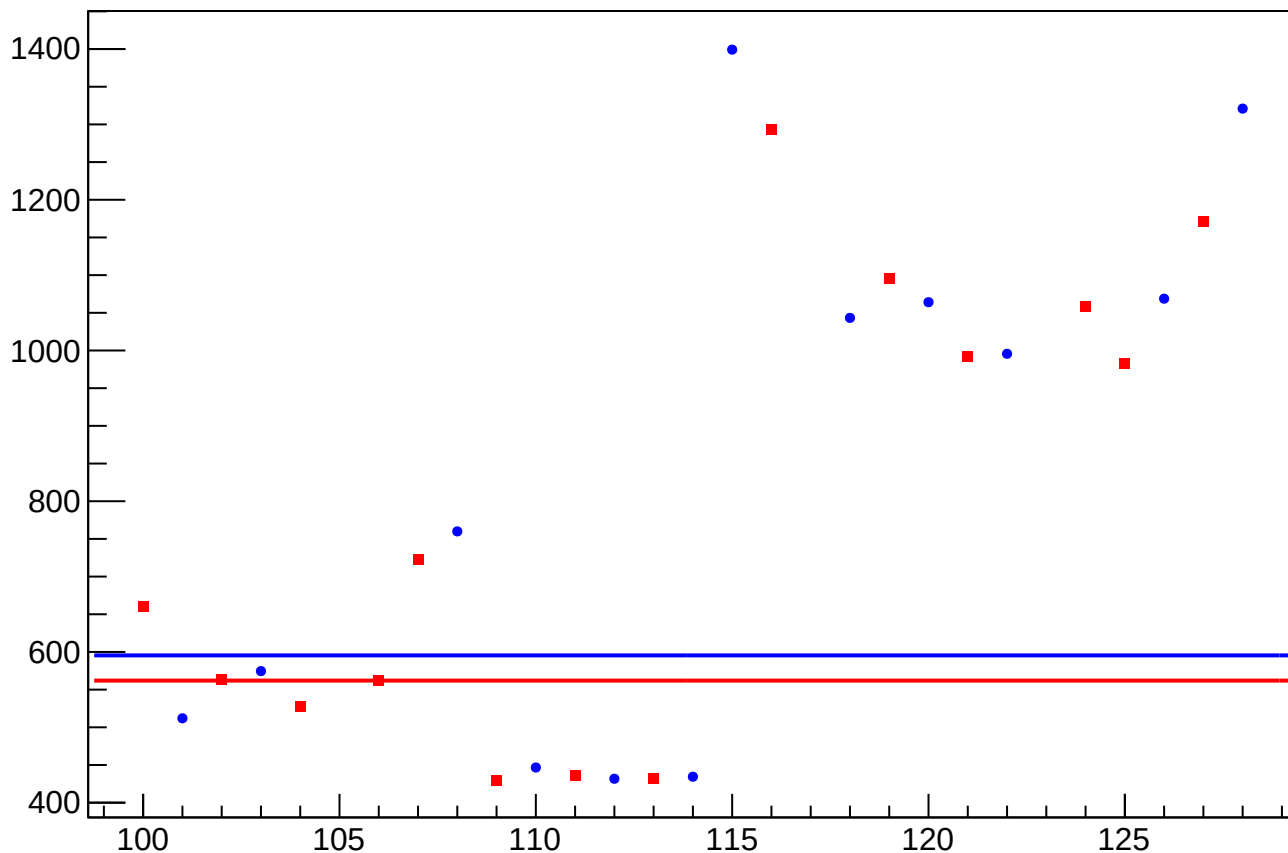
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.525+/-191.926 χ^2/NDF : 26.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_rms vs Slug



Right In: 595.435+/-0.203 χ^2/NDF : 1329760.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.999+/-0.182 χ^2/NDF : 1326673.8/13

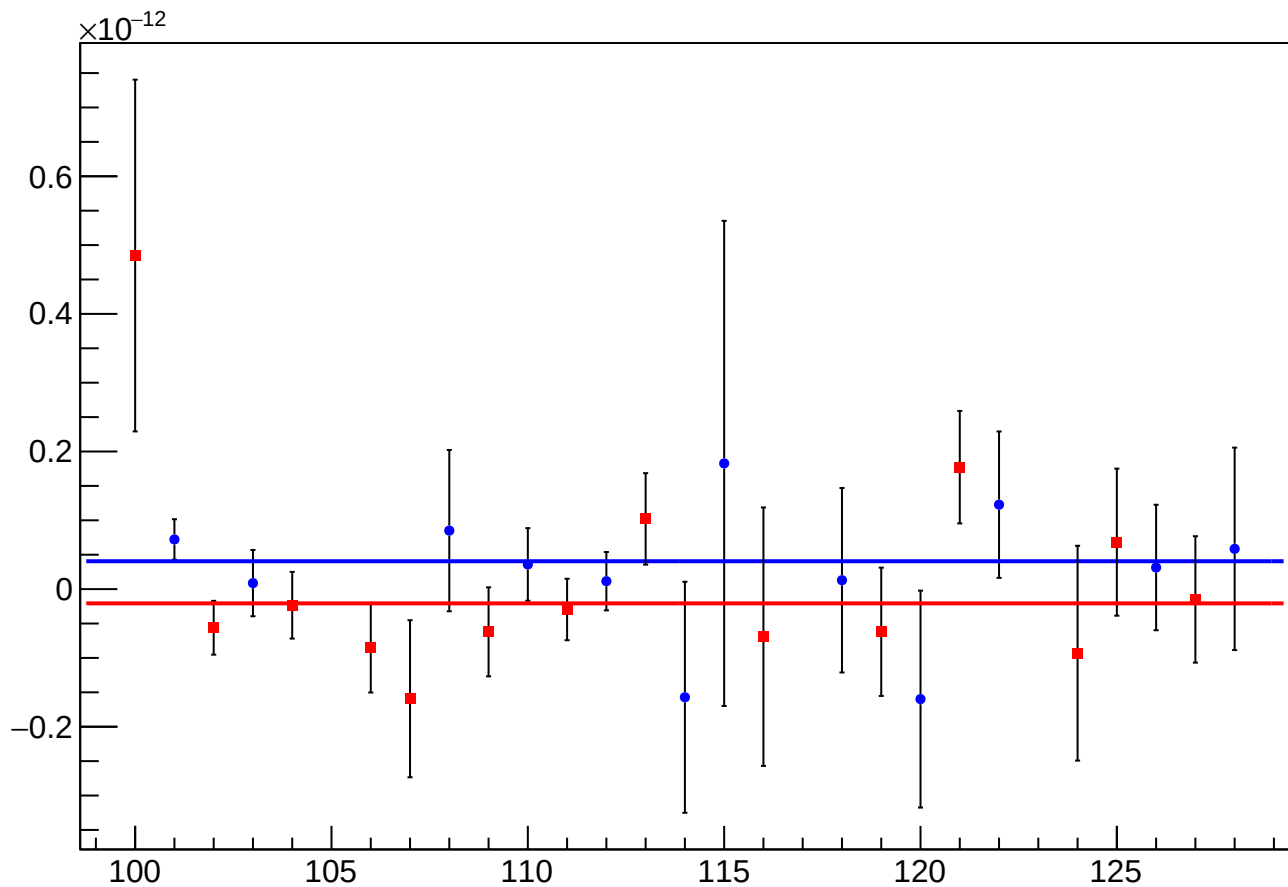
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 576.871+/-0.136 χ^2/NDF : 2671424.8/25

- 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: 6.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.1/13

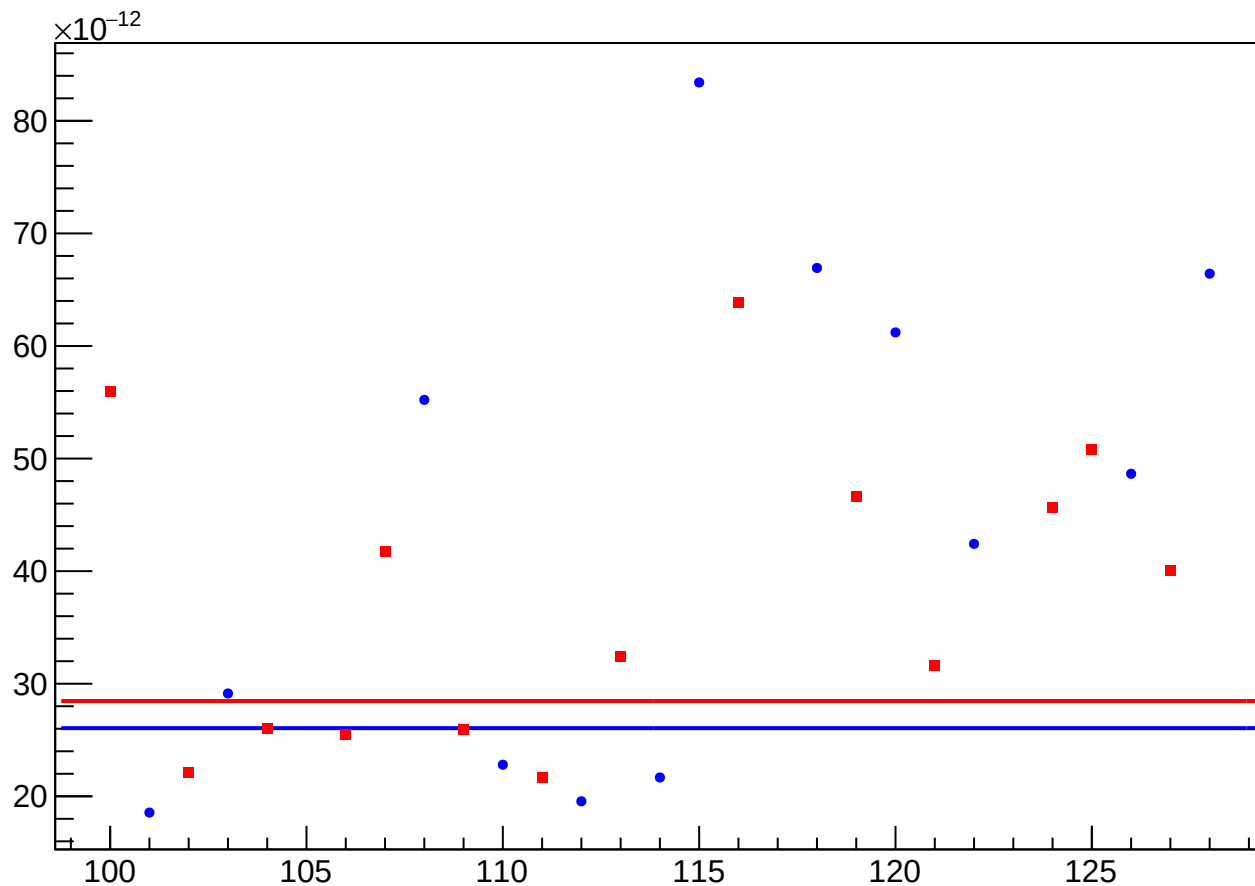
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 29.7/25

- 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 : 977296.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 462271.0/13

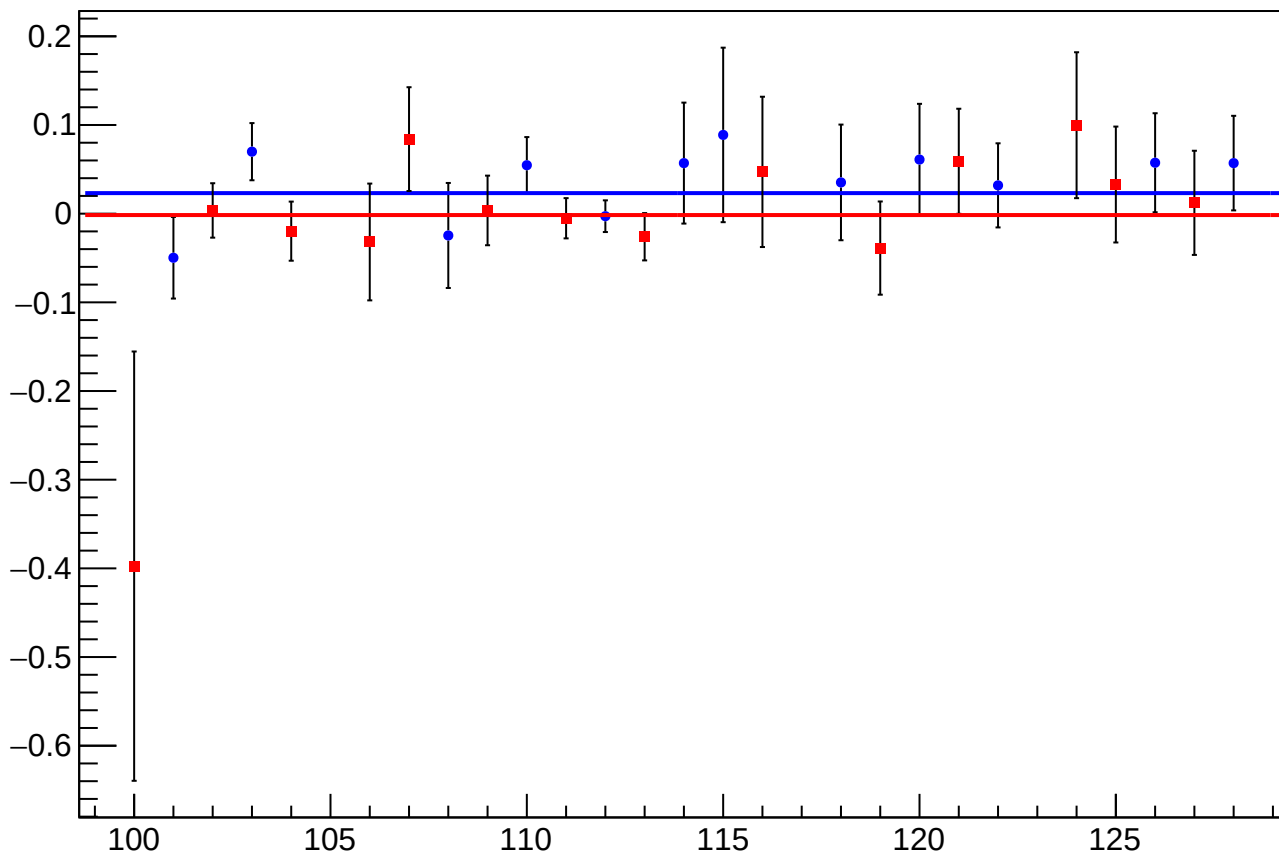
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1456654.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.023 $\pm$ 0.011 χ^2 /NDF: 10.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.011 χ^2 /NDF: 10.0/13

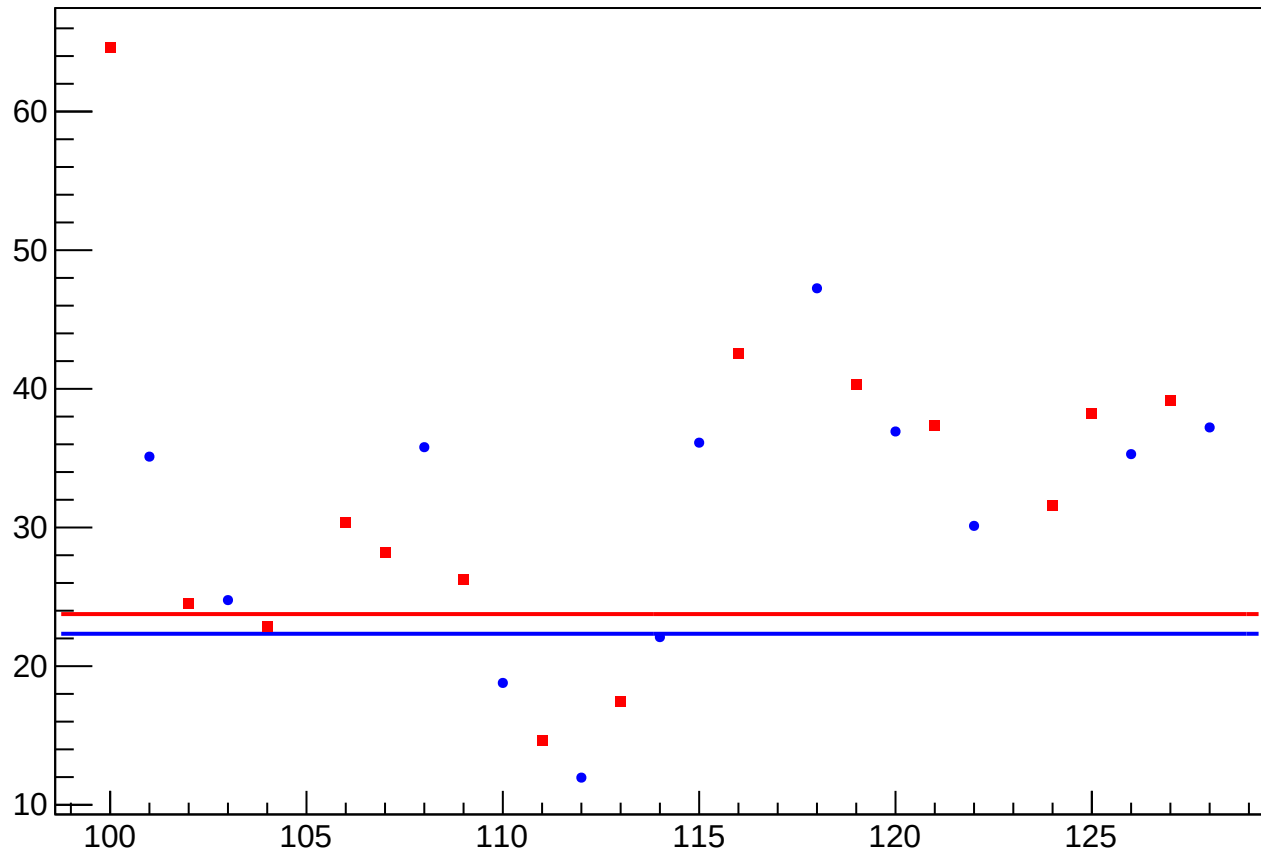
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.011 $\pm$ 0.008 χ^2 /NDF: 22.6/25

- 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: 22.336+/-0.008 χ^2/NDF : 1723679.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.756+/-0.008 χ^2/NDF : 1190959.6/13

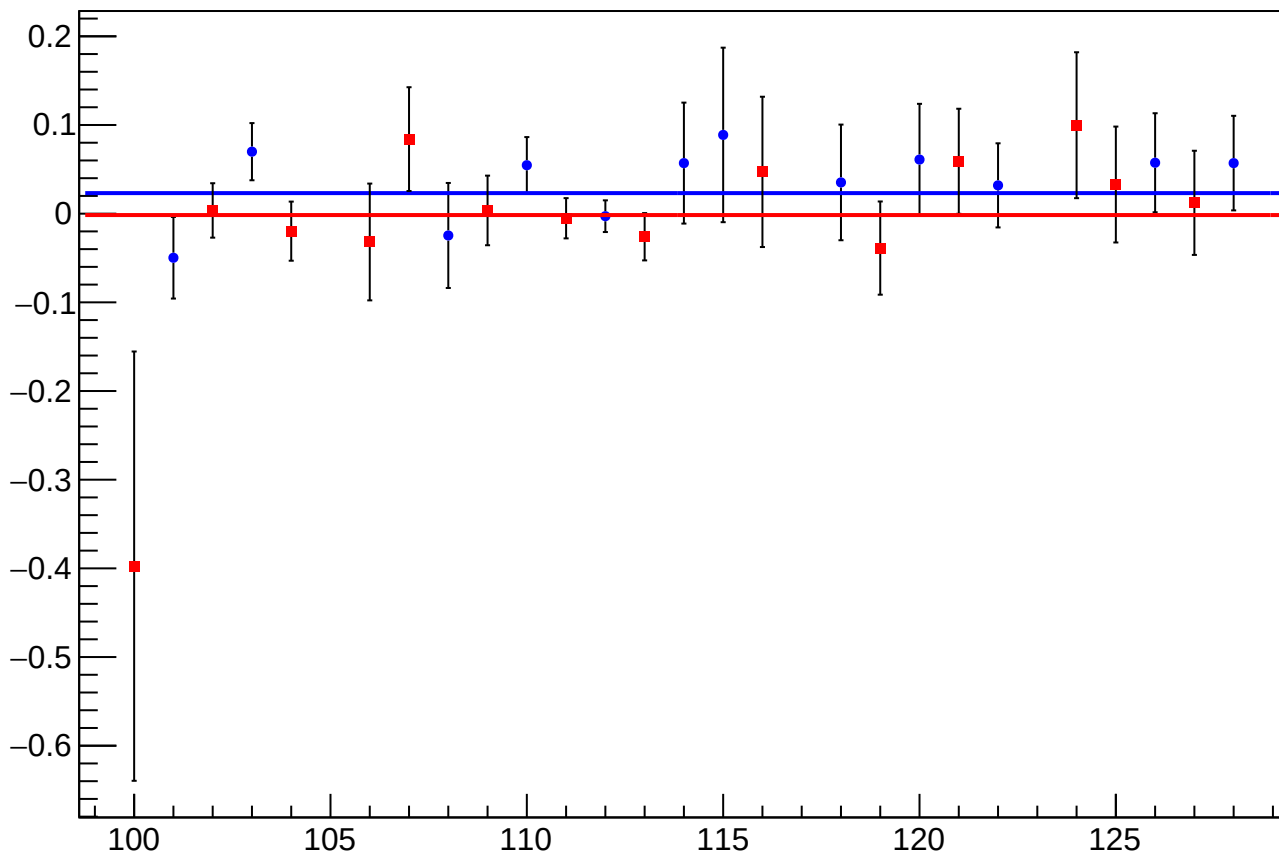
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.055+/-0.006 χ^2/NDF : 2930486.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.023 $\pm$ 0.011 χ^2 /NDF: 10.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.011 χ^2 /NDF: 10.0/13

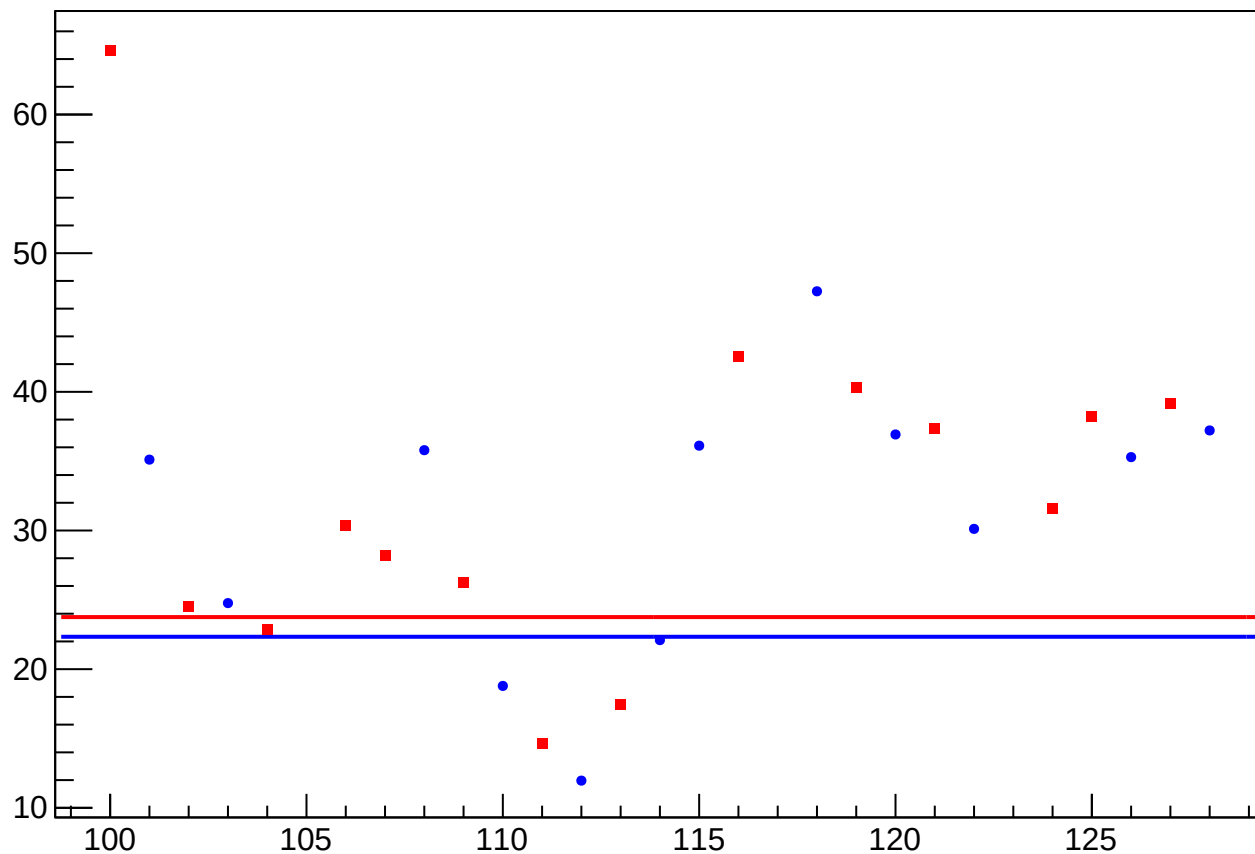
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.011 $\pm$ 0.008 χ^2 /NDF: 22.6/25

- 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: 22.336+/-0.008 χ^2/NDF : 1723679.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.756+/-0.008 χ^2/NDF : 1190959.6/13

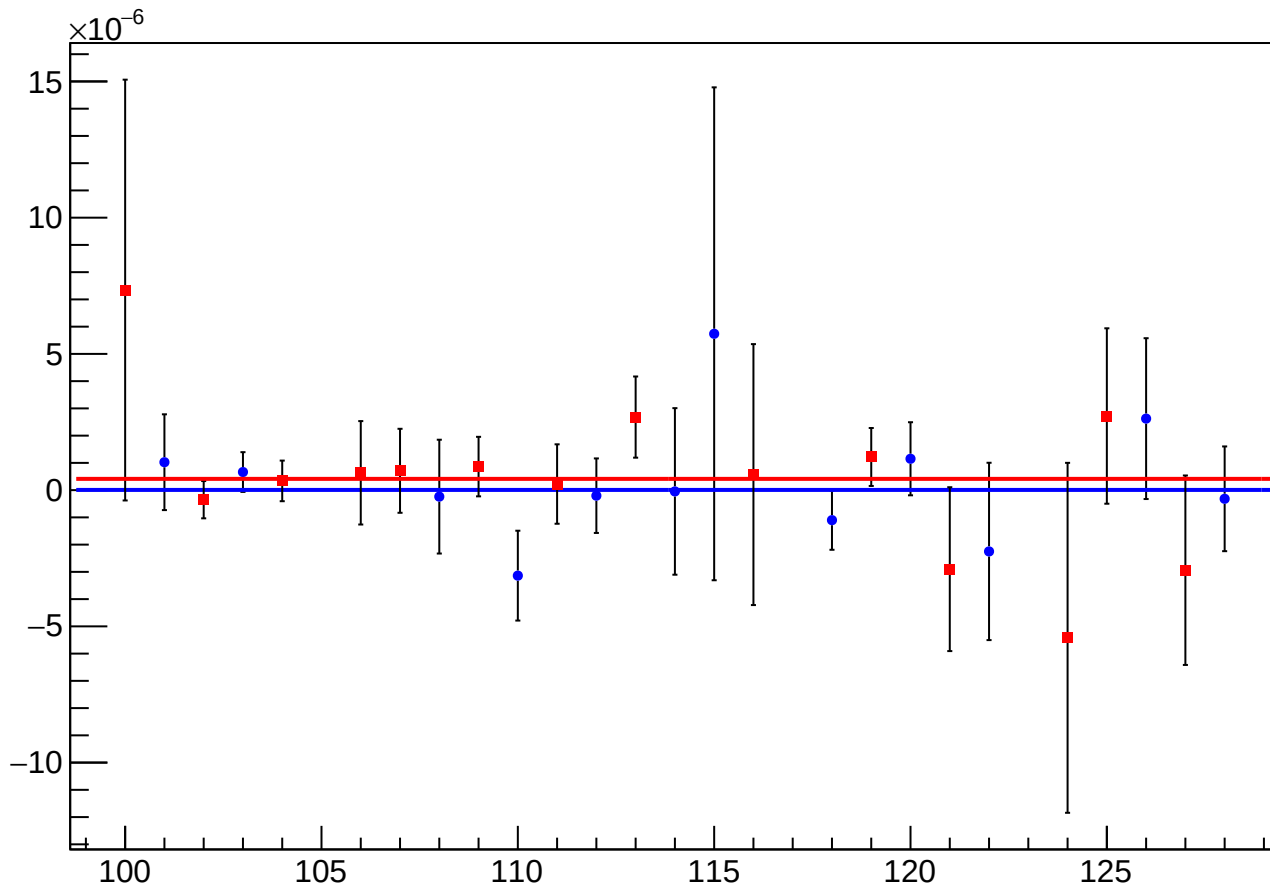
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.055+/-0.006 χ^2/NDF : 2930486.3/25

- 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: 8.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.7/13

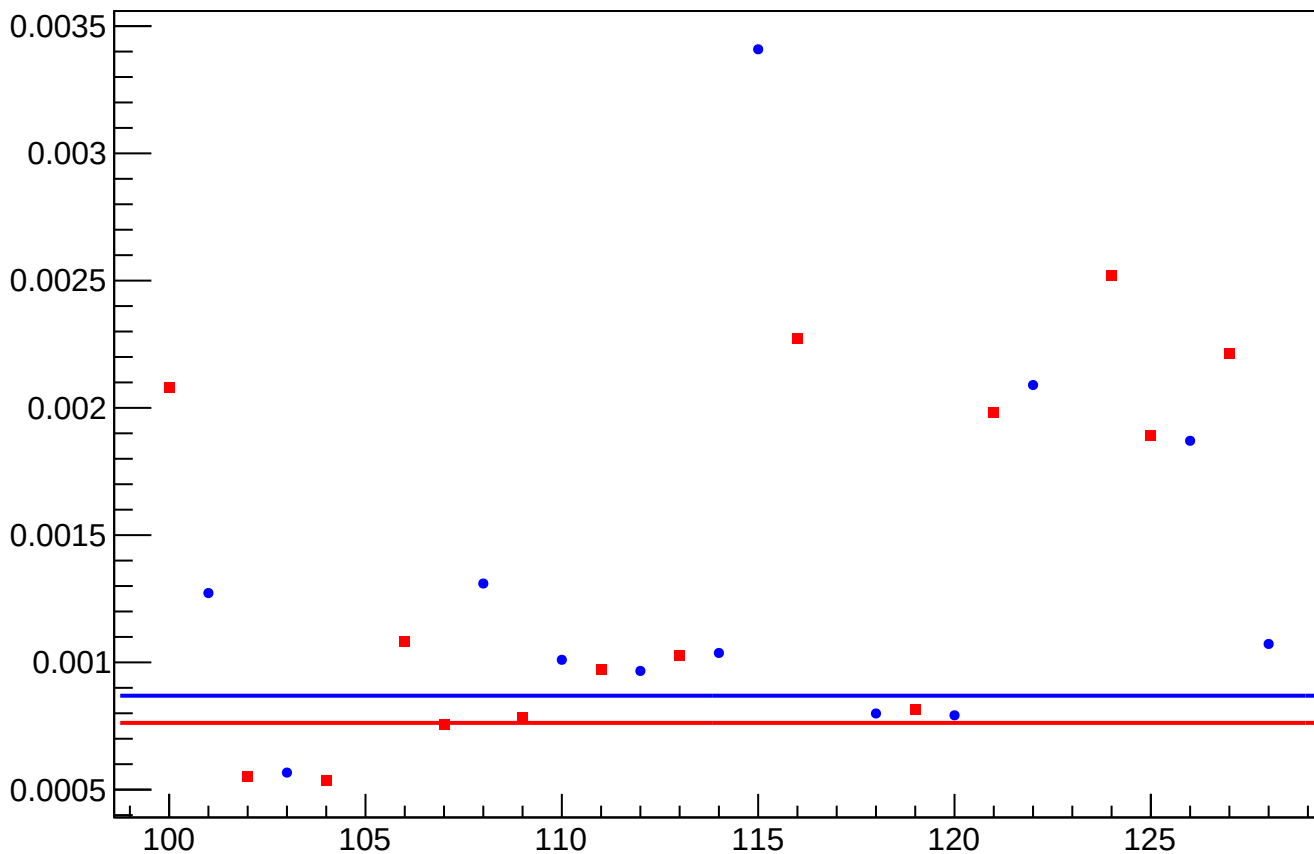
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.5/25

- 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 : 1275126.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1875409.5/13

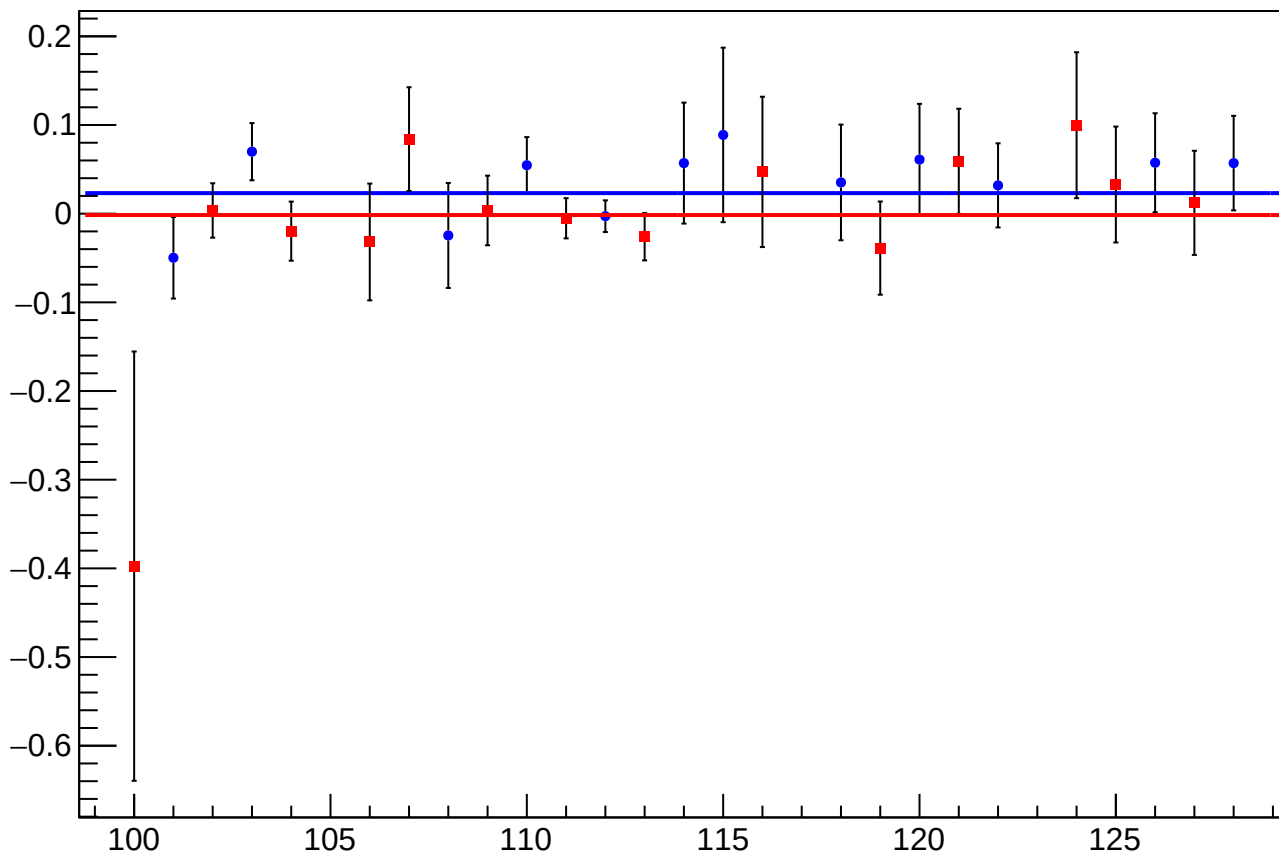
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3222250.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.023 $\pm$ 0.011 χ^2 /NDF: 10.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.011 χ^2 /NDF: 10.0/13

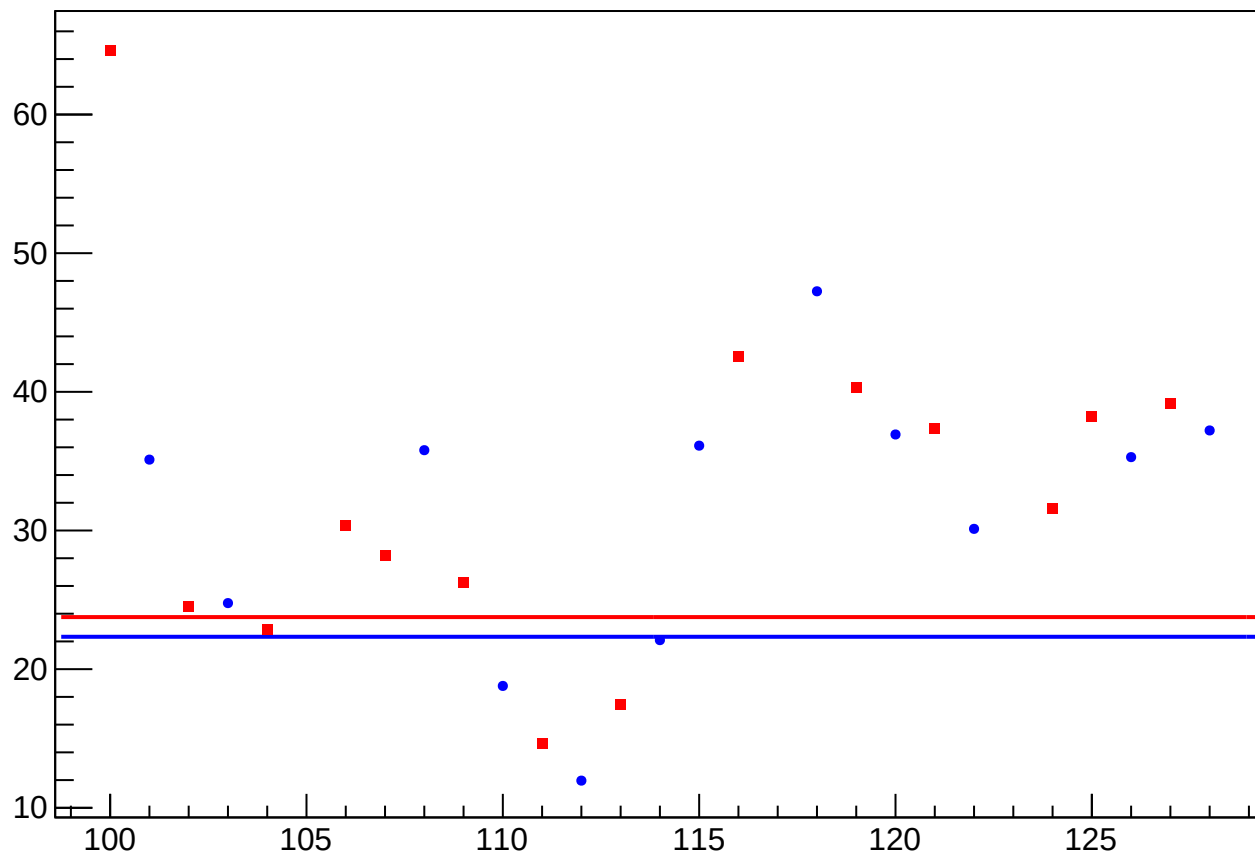
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.011 $\pm$ 0.008 χ^2 /NDF: 22.6/25

- 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: 22.336+/-0.008 χ^2/NDF : 1723813.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.756+/-0.008 χ^2/NDF : 1191057.2/13

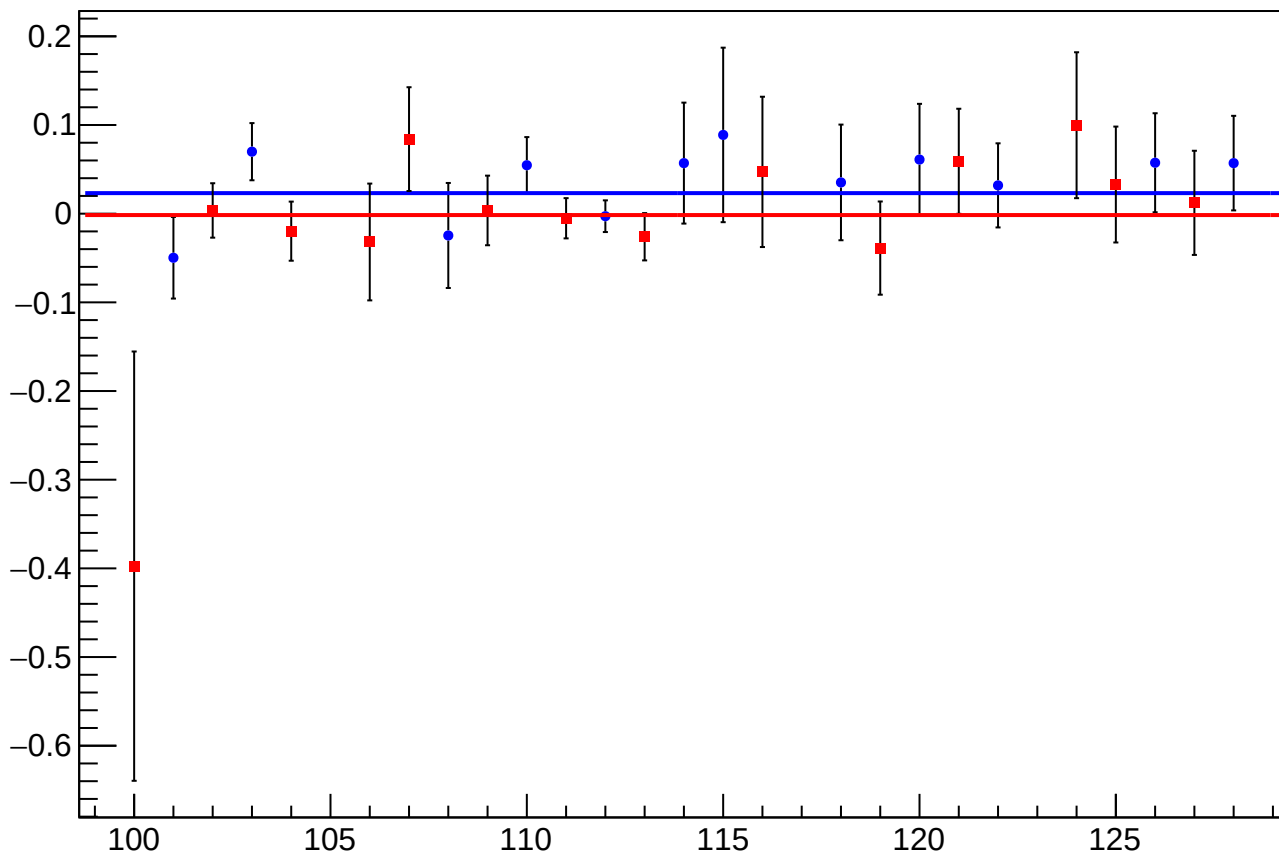
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.054+/-0.006 χ^2/NDF : 2930720.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.023 $\pm$ 0.011 χ^2 /NDF: 10.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.011 χ^2 /NDF: 10.0/13

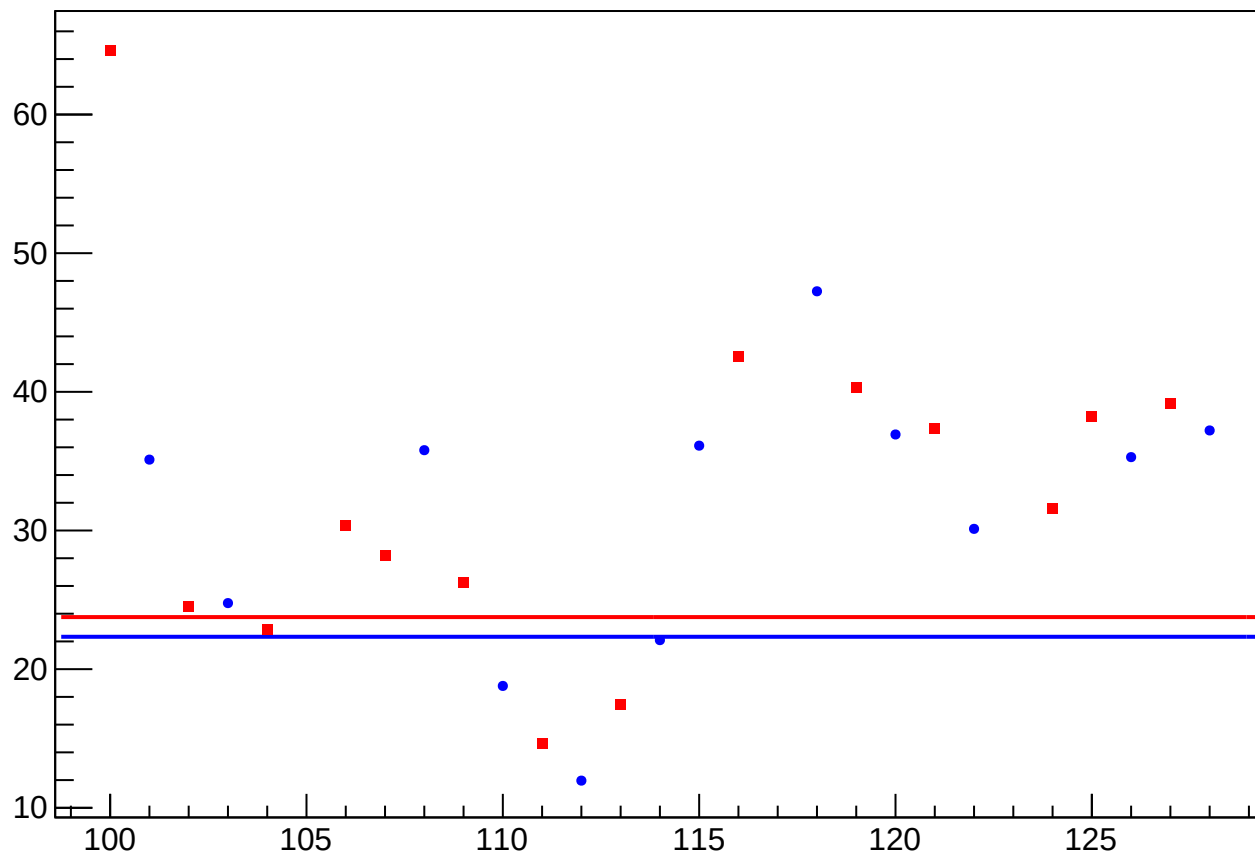
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.011 $\pm$ 0.008 χ^2 /NDF: 22.6/25

- 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: 22.336+/-0.008 χ^2/NDF : 1723813.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.756+/-0.008 χ^2/NDF : 1191057.2/13

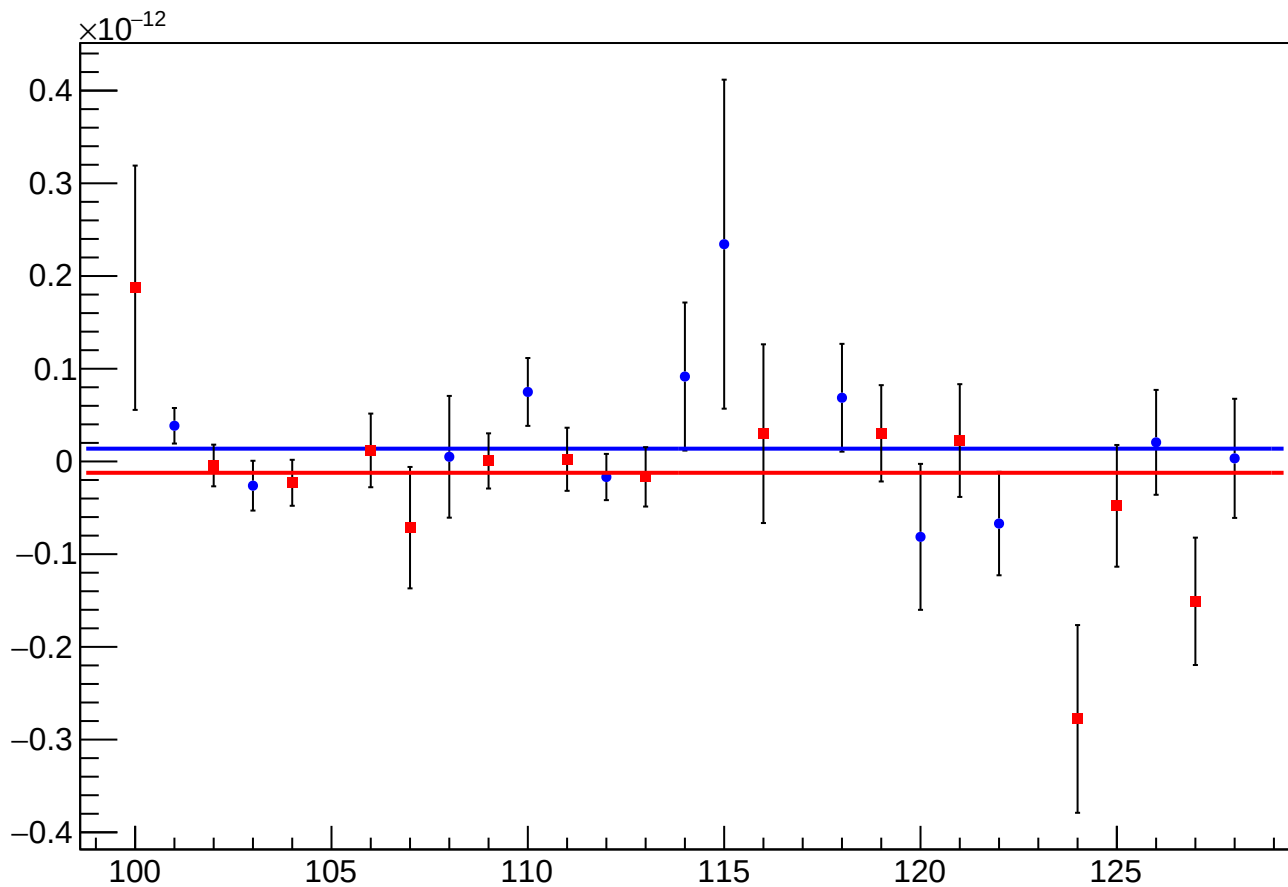
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.054+/-0.006 χ^2/NDF : 2930720.4/25

- 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+/-0.000 χ^2/NDF : 15.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.6/13

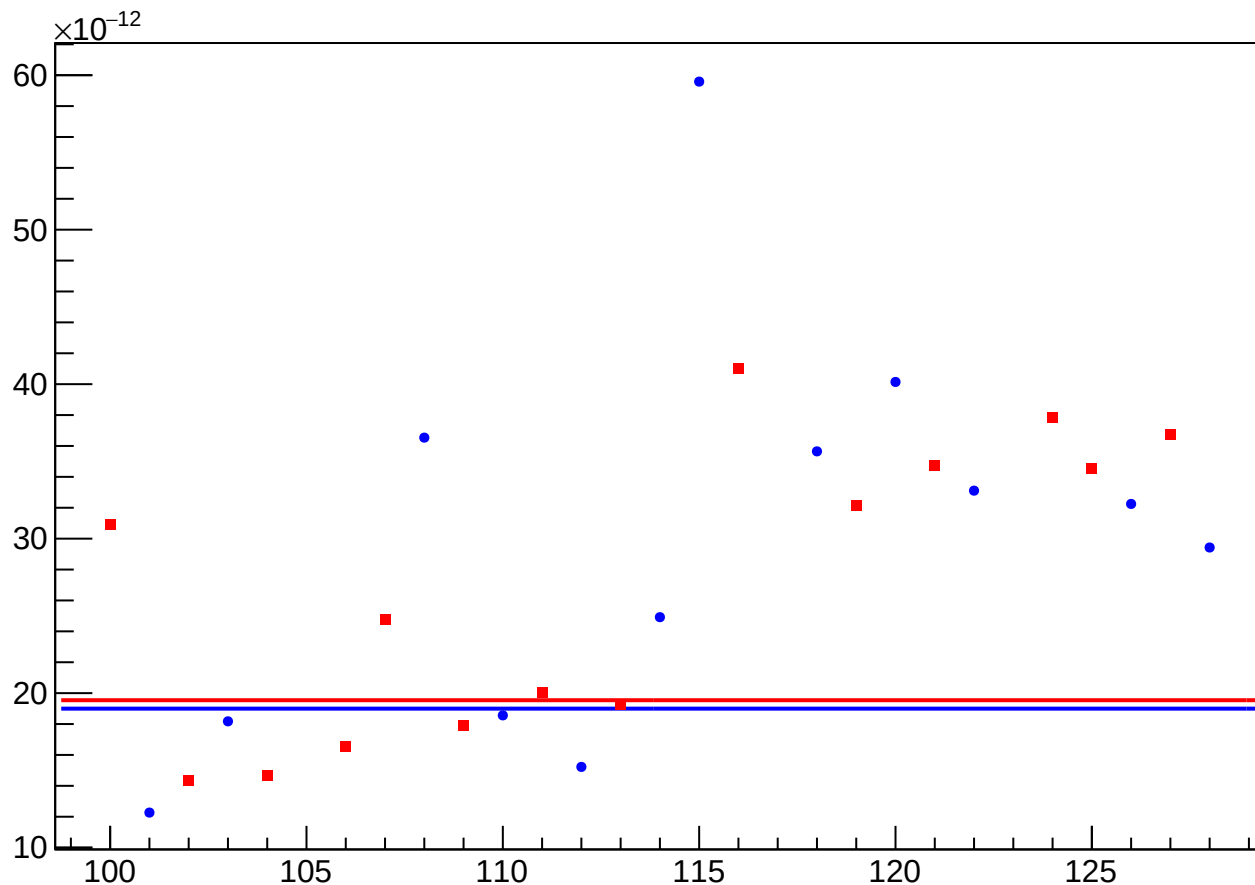
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.7/25

- sign 0.000+/-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 : 1151503.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 869169.7/13

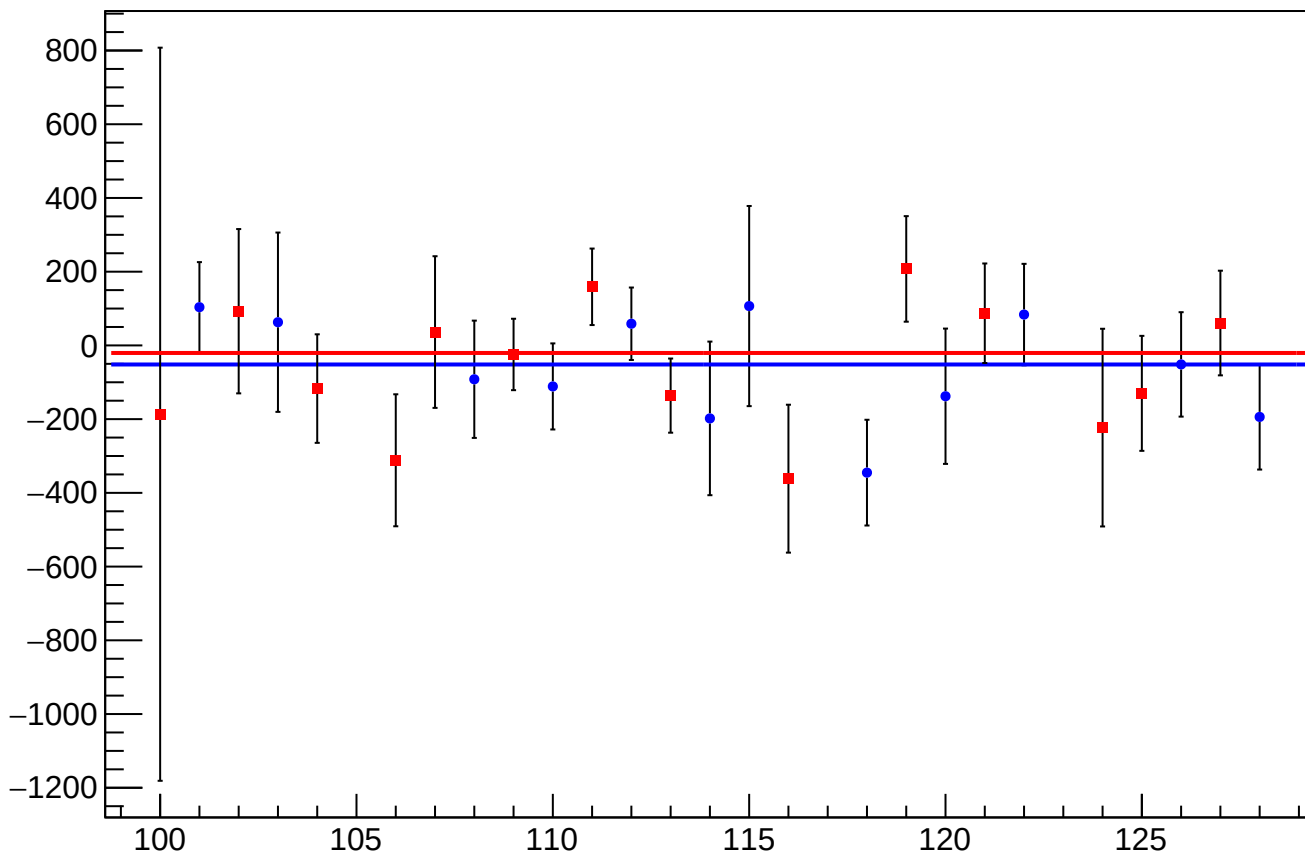
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2023204.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_mean vs Slug



Right In: -51.749+/-41.999 χ^2 /NDF: 10.6/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -20.496+/-39.115 χ^2 /NDF: 15.2/13

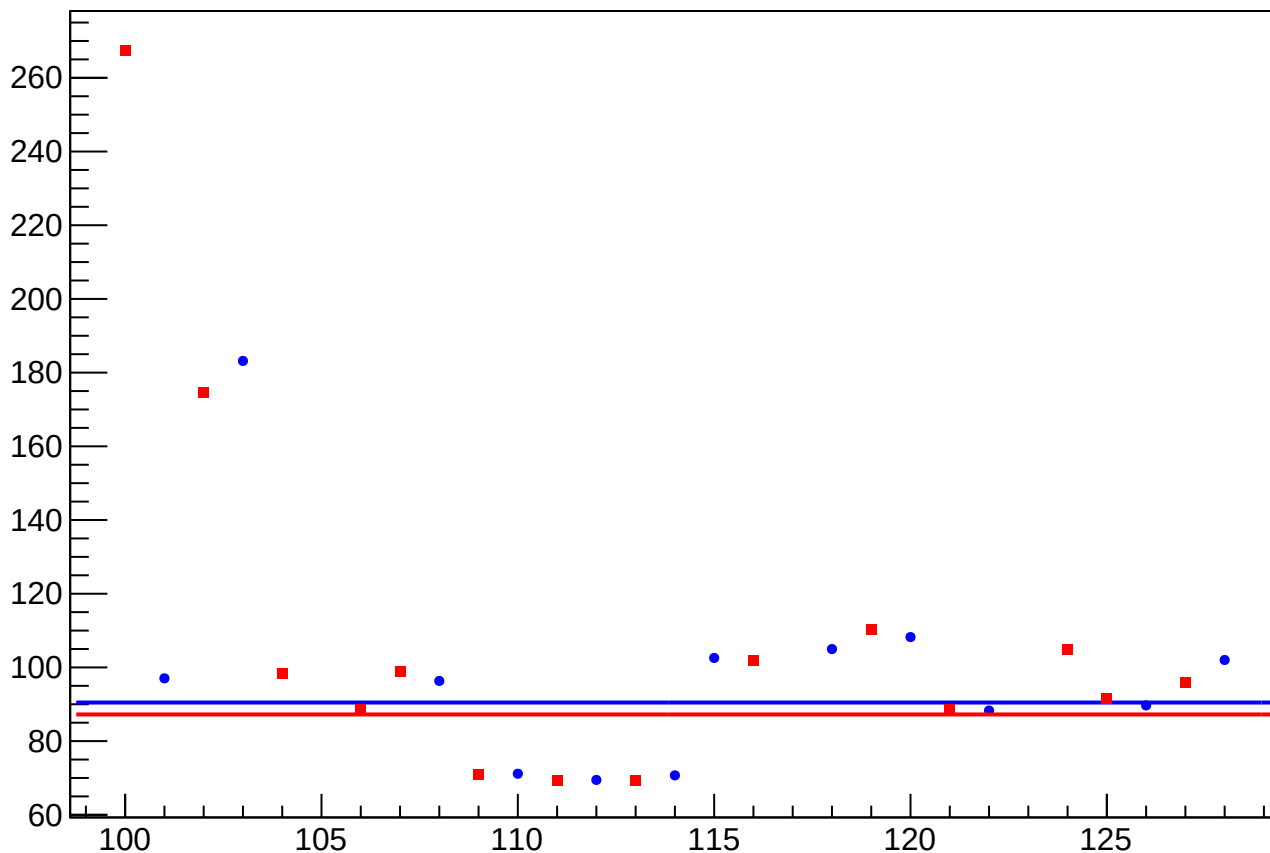
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -35.013+/-28.624 χ^2 /NDF: 26.1/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3748_avg_rms vs Slug



Right In: 90.473+/-0.030 χ^2/NDF : 519945.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.239+/-0.028 χ^2/NDF : 651623.9/13

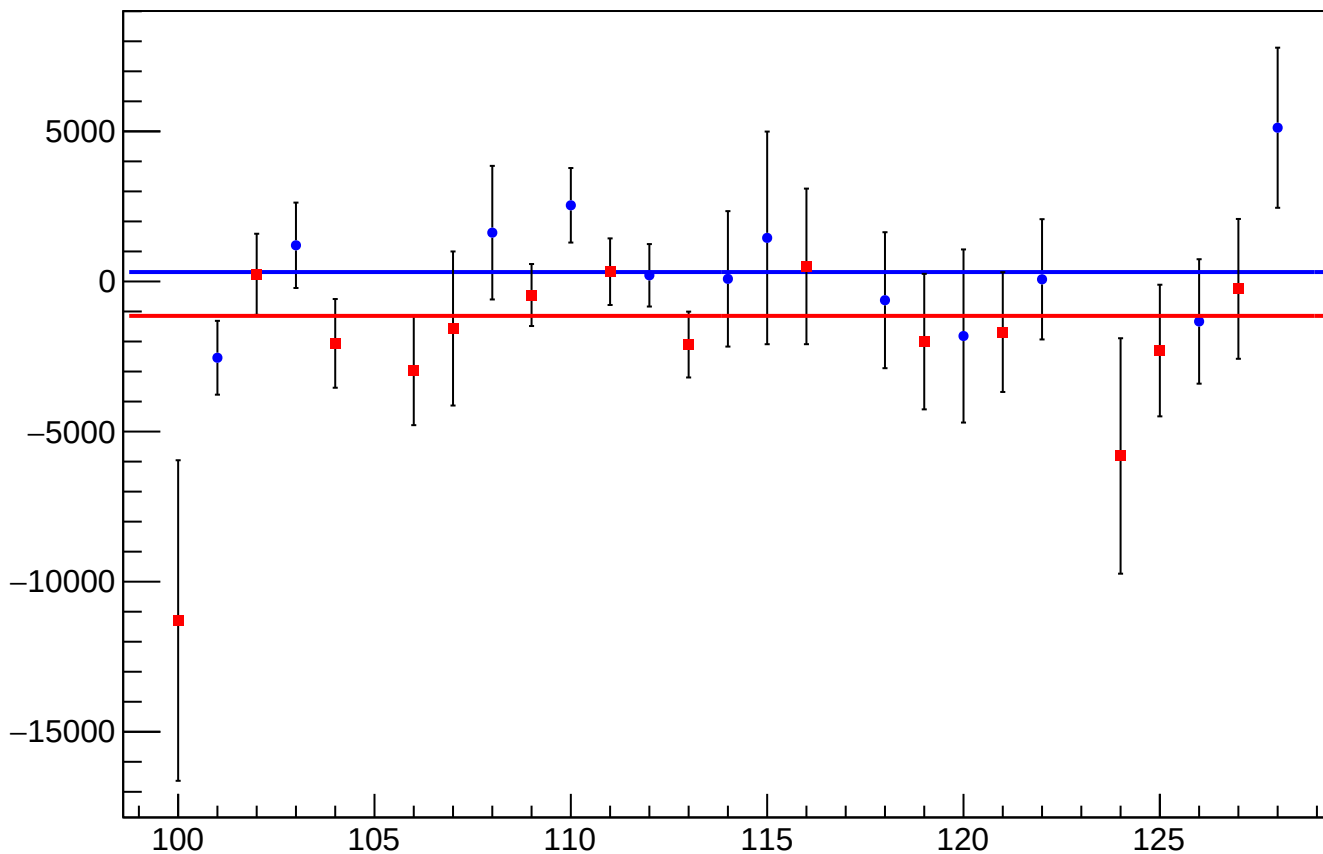
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.741+/-0.020 χ^2/NDF : 1177916.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_reg_correction_mean vs Slug



Right In: 313.518 $\pm$ 491.190 χ^2 /NDF: 14.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1146.310 $\pm$ 441.701 χ^2 /NDF: 11.5/13

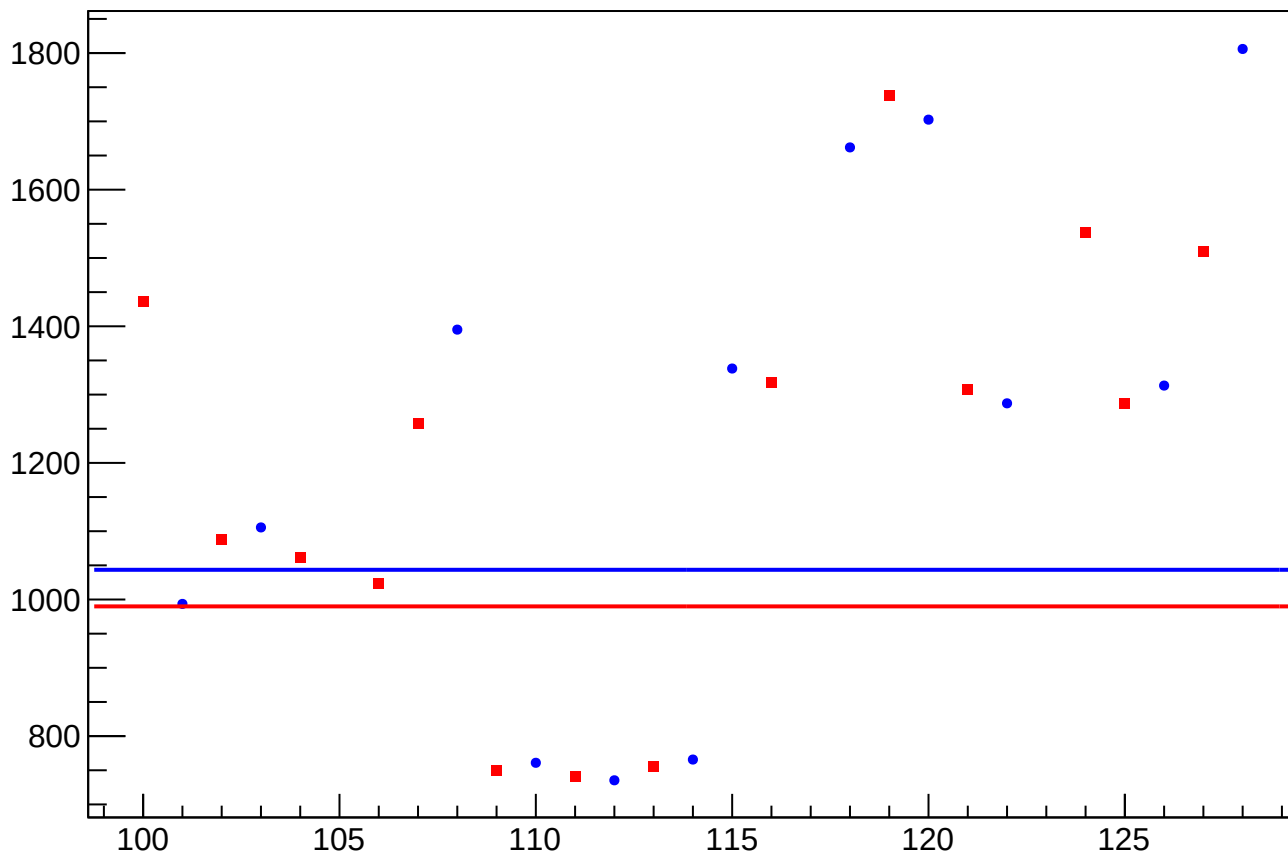
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -493.621 $\pm$ 328.437 χ^2 /NDF: 30.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_reg_correction_rms vs Slug



Right In: 1043.501+/-0.347 χ^2/NDF : 860929.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 989.927+/-0.312 χ^2/NDF : 829200.1/13

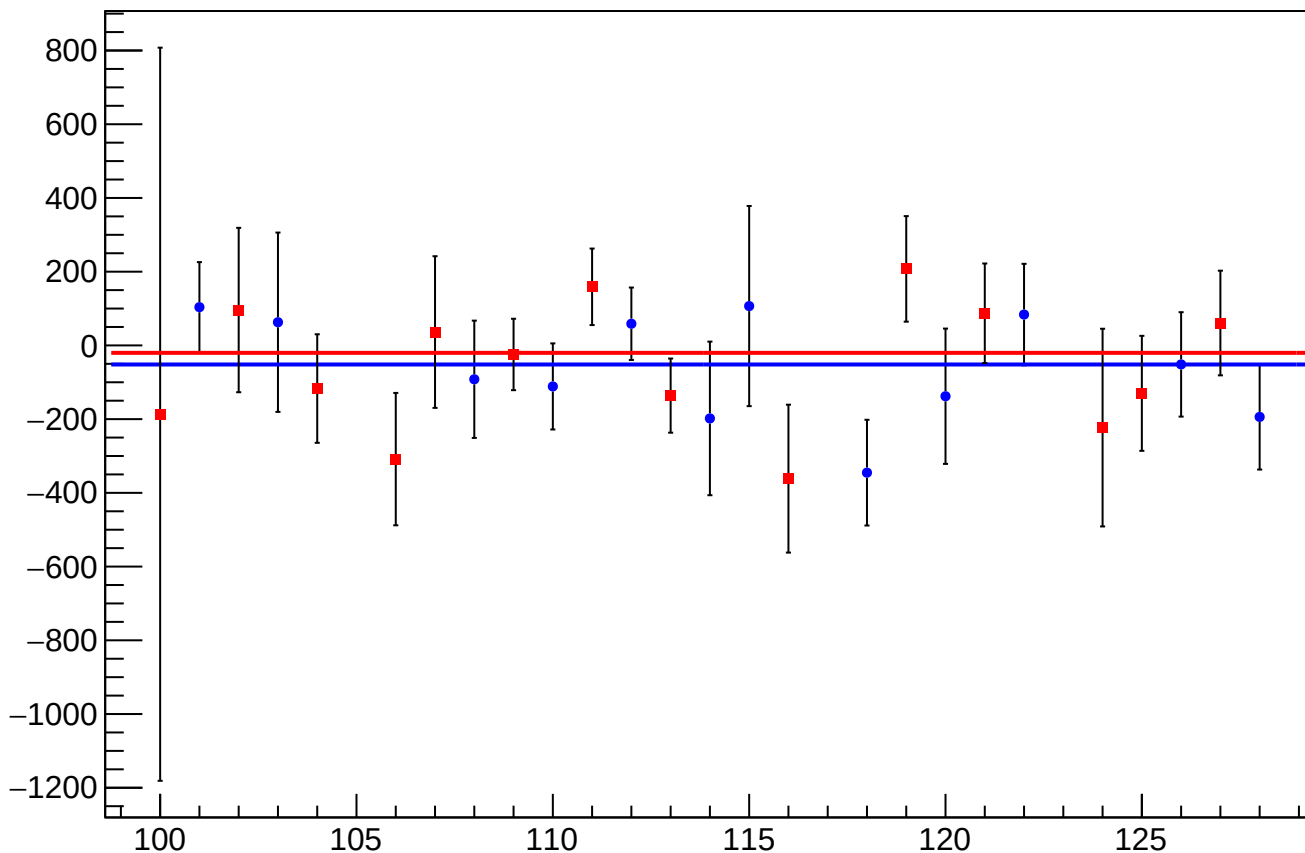
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1013.880+/-0.232 χ^2/NDF : 1703284.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_3748_avg_mean vs Slug



Right In: -51.766+/-41.999 χ^2/NDF : 10.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.161+/-39.122 χ^2/NDF : 15.1/13

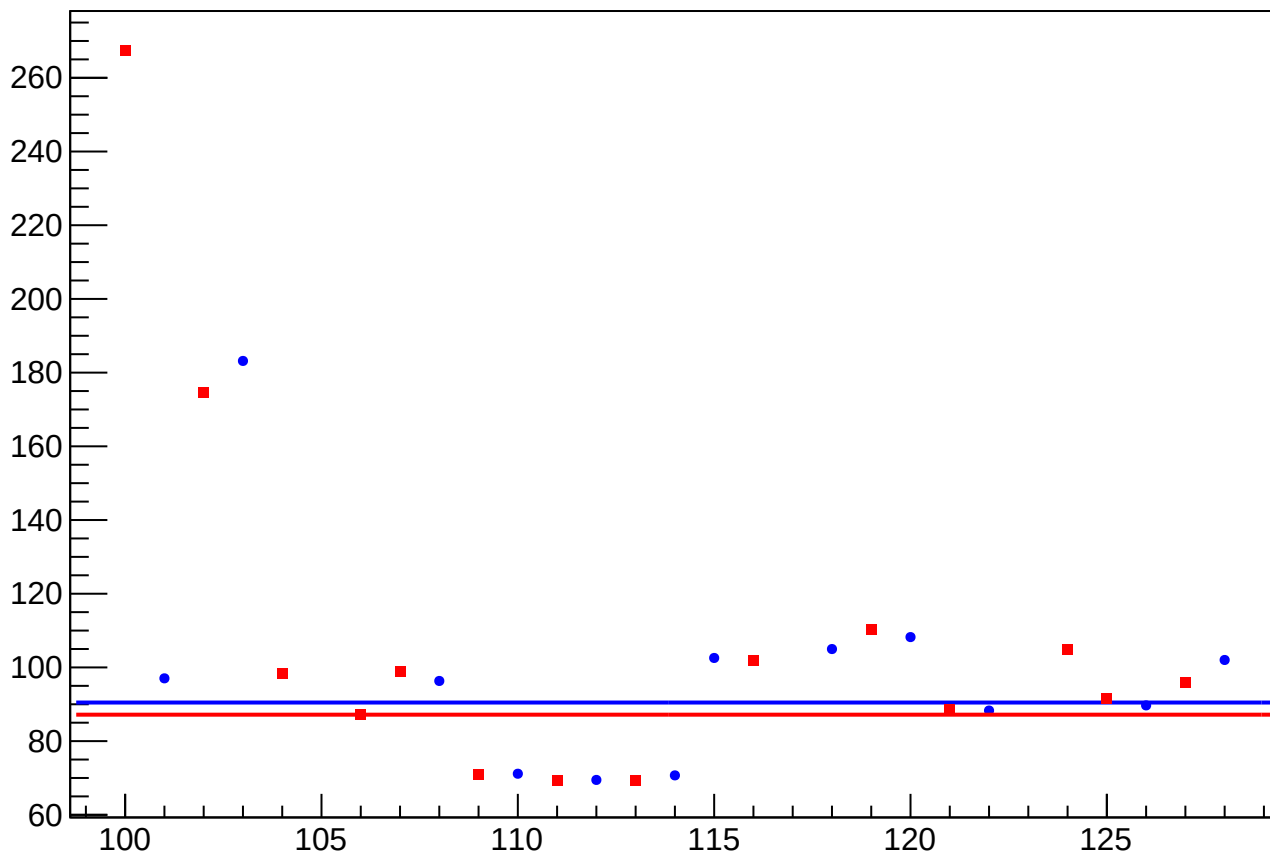
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.844+/-28.626 χ^2/NDF : 26.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_3748_avg_rms vs Slug



Right In: 90.473+/-0.030 χ^2/NDF : 519948.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.177+/-0.028 χ^2/NDF : 651740.9/13

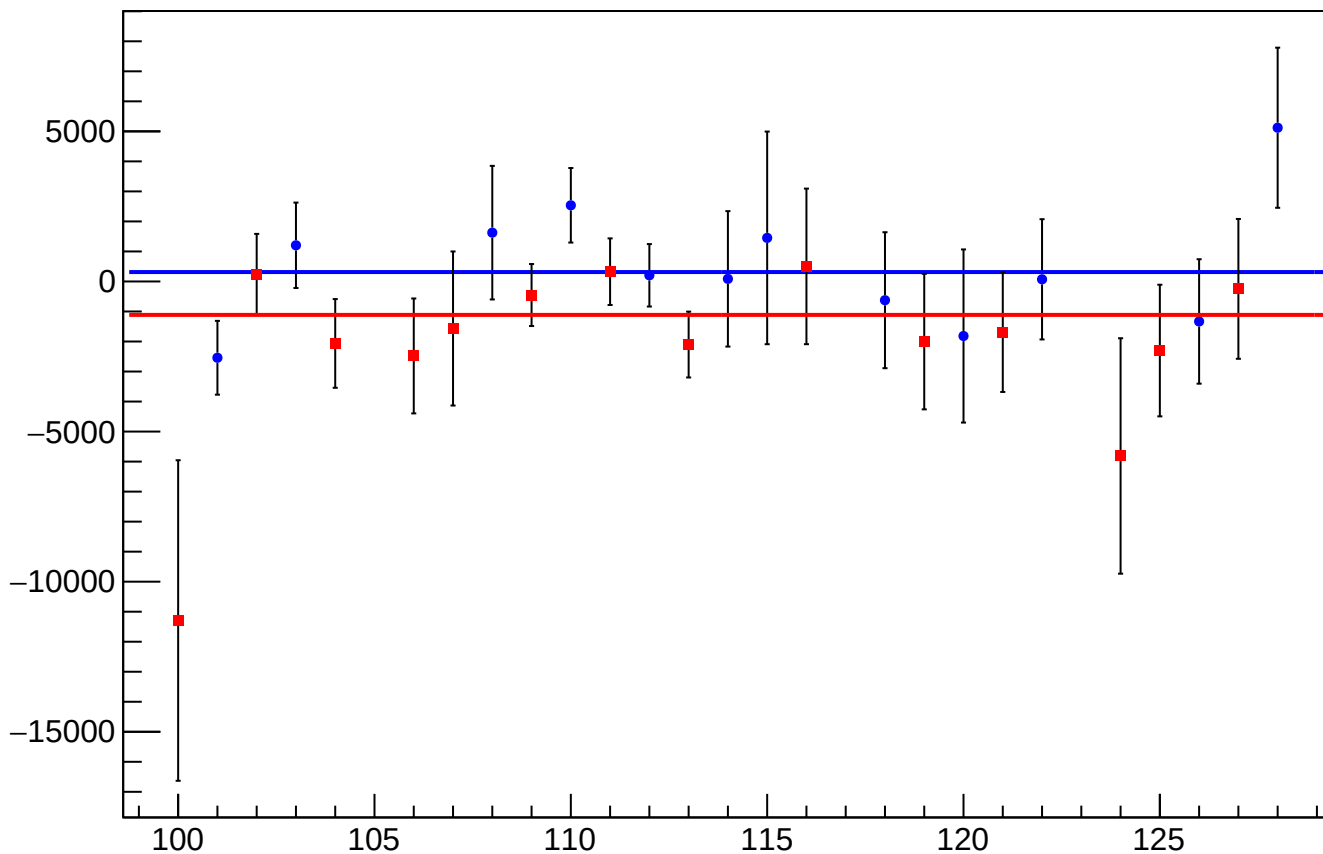
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.708+/-0.020 χ^2/NDF : 1178284.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_cor_correction_mean vs Slug



Right In: 313.497 $\pm$ 491.196 χ^2 /NDF: 14.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1113.417 $\pm$ 442.784 χ^2 /NDF: 11.0/13

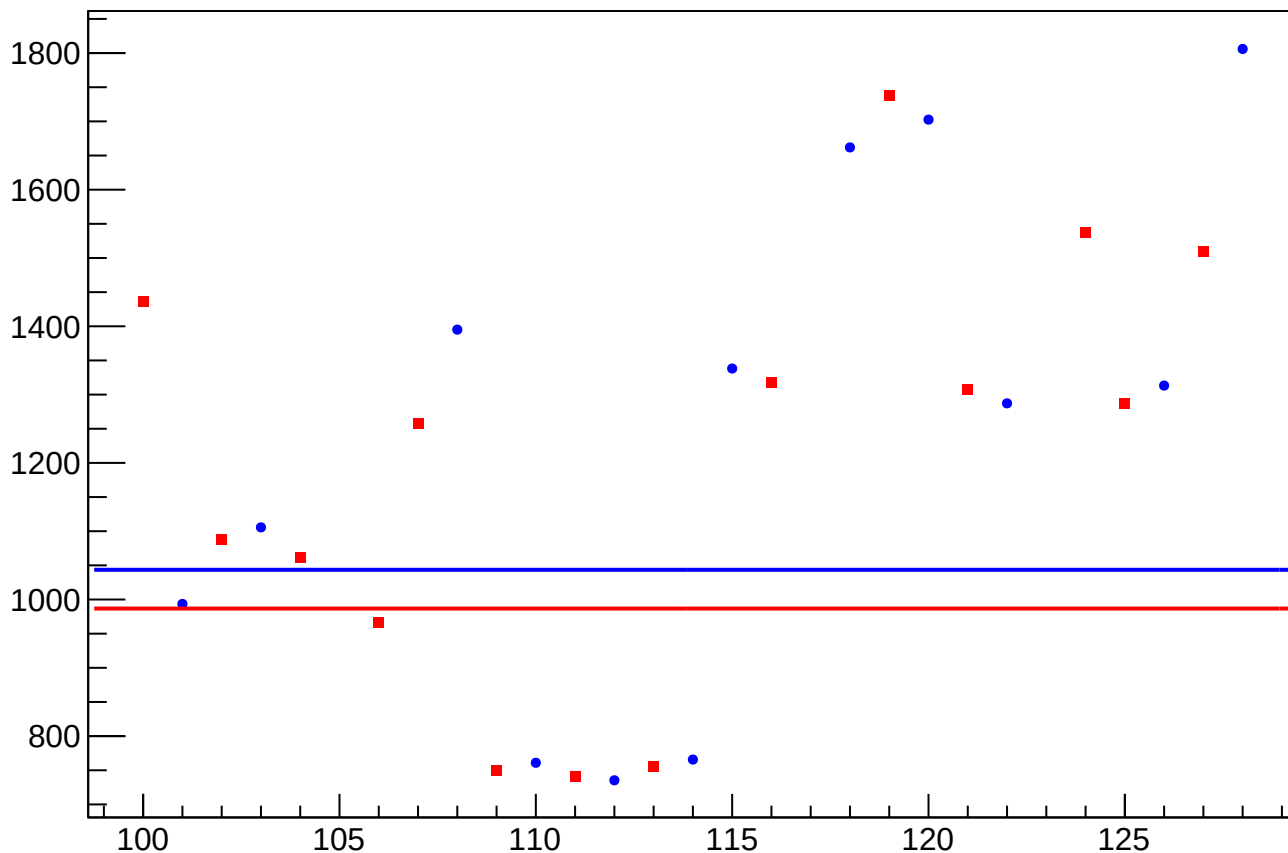
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -473.725 $\pm$ 328.883 χ^2 /NDF: 29.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_cor_correction_rms vs Slug



Right In: 1043.512+/-0.347 χ^2/NDF : 860943.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 986.789+/-0.313 χ^2/NDF : 828852.0/13

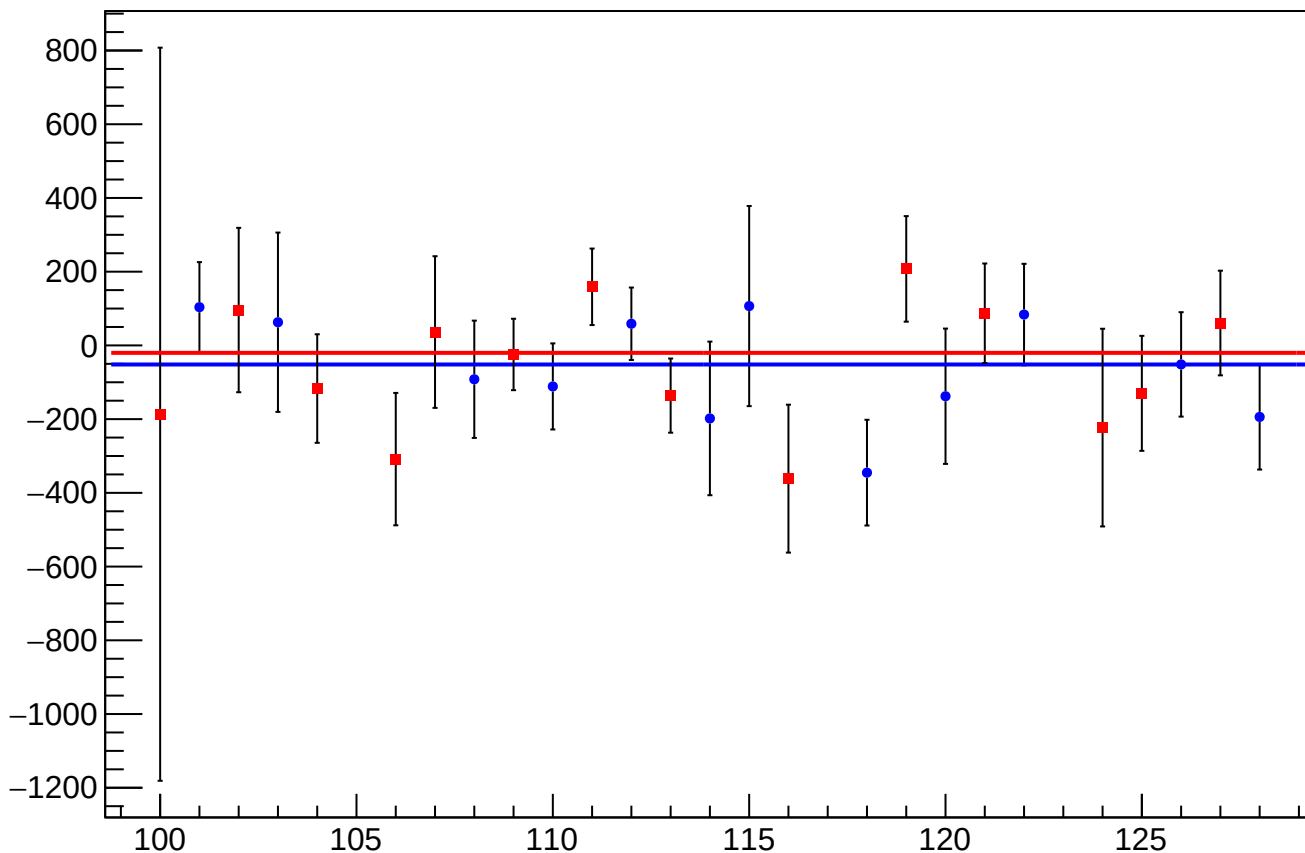
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1012.218+/-0.233 χ^2/NDF : 1704510.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_3748_avg_mean vs Slug



Right In: -51.766+/-41.999 χ^2/NDF : 10.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.161+/-39.122 χ^2/NDF : 15.1/13

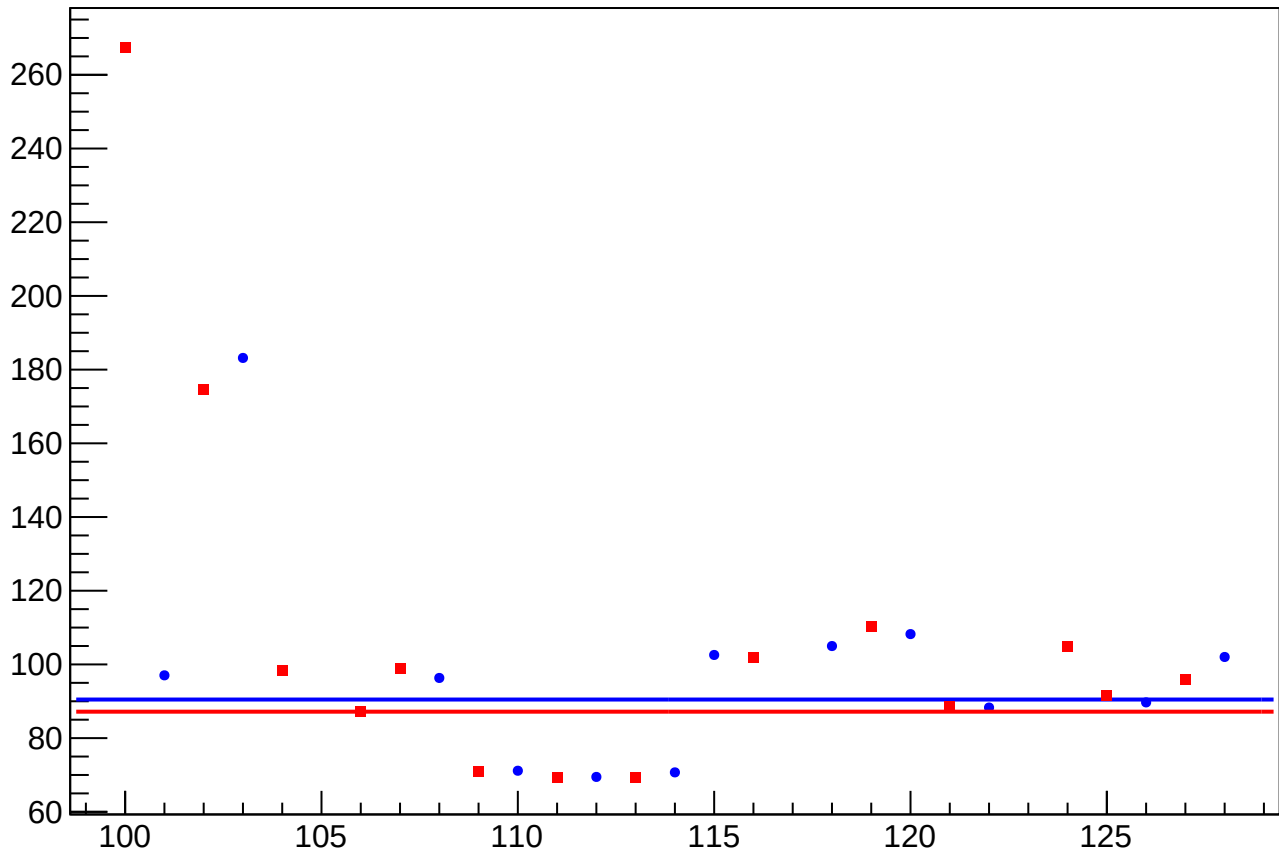
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.844+/-28.626 χ^2/NDF : 26.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_3748_avg_rms vs Slug



Right In: 90.473+/-0.030 χ^2/NDF : 519948.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.177+/-0.028 χ^2/NDF : 651740.9/13

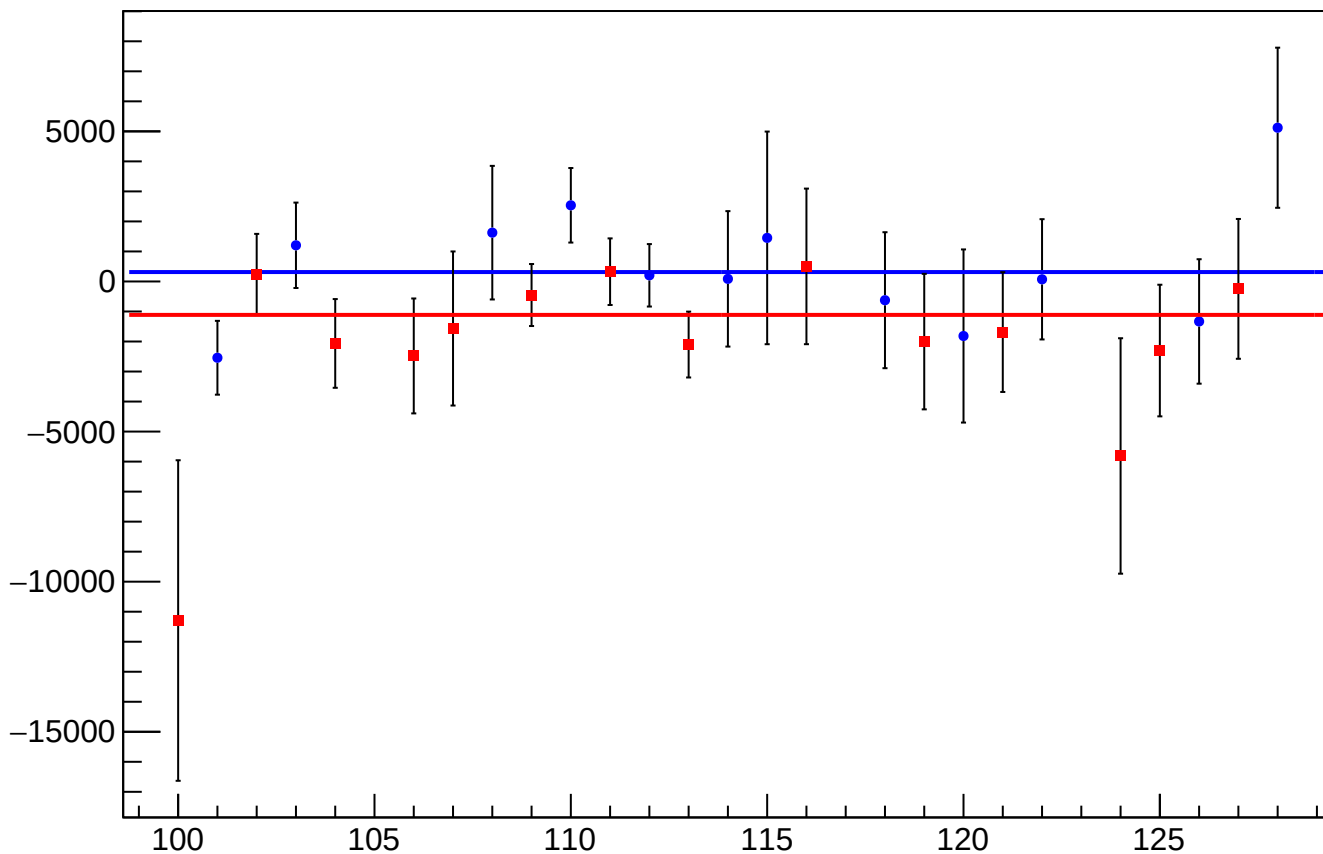
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.708+/-0.020 χ^2/NDF : 1178284.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_cor_correction_mean vs Slug



Right In: 313.497+/-491.196 χ^2/NDF : 14.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1113.417+/-442.784 χ^2/NDF : 11.0/13

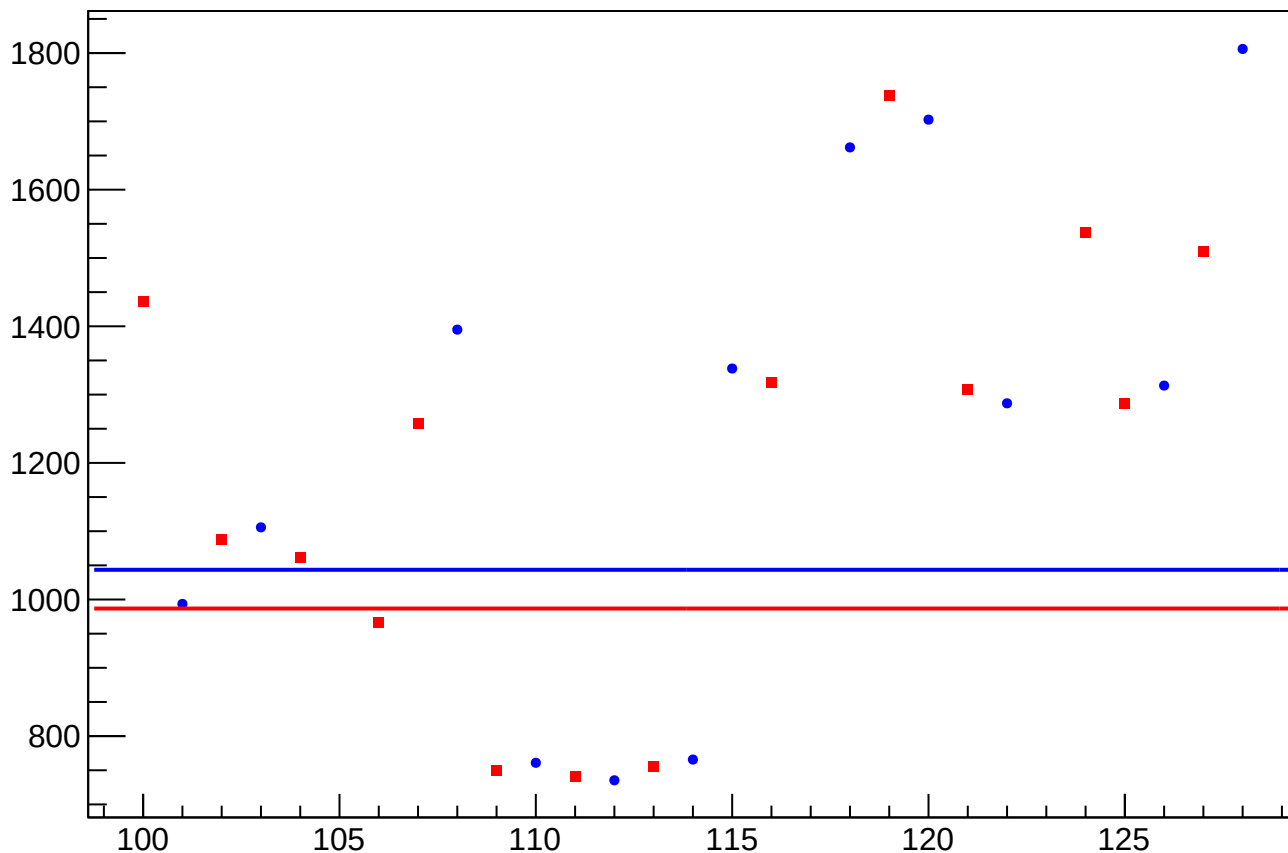
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -473.725+/-328.883 χ^2/NDF : 29.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_cor_correction_rms vs Slug



Right In: 1043.512 $\pm$ 0.347 χ^2 /NDF: 860943.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 986.789 $\pm$ 0.313 χ^2 /NDF: 828852.0/13

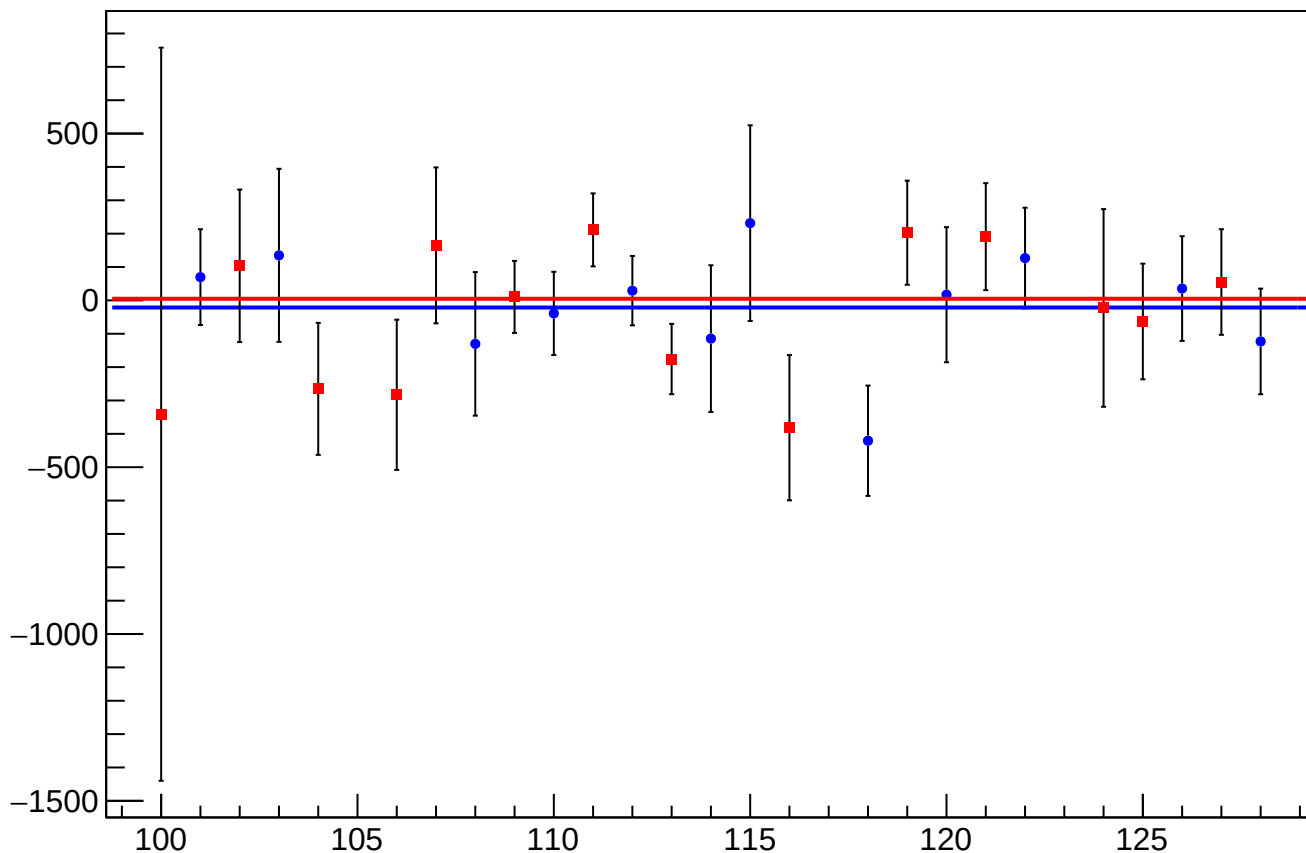
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1012.218 $\pm$ 0.233 χ^2 /NDF: 1704510.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_3748_avg_mean vs Slug



Right In: -21.354 ± 46.661 χ^2/NDF : 9.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 4.936 ± 43.482 χ^2/NDF : 17.1/13

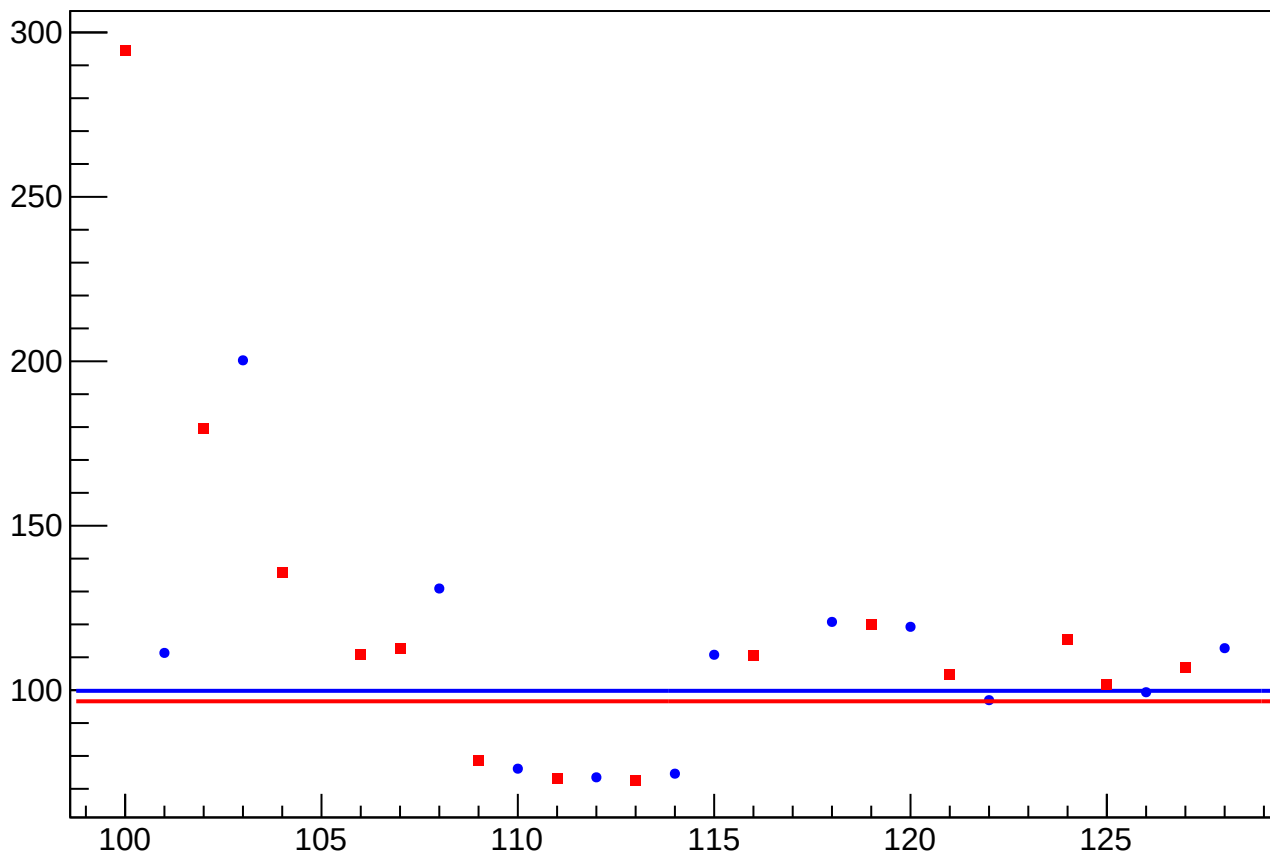
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.283 ± 31.811 χ^2/NDF : 26.9/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3748_avg_rms vs Slug



Right In: 99.799+/-0.033 χ^2/NDF : 648709.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.616+/-0.031 χ^2/NDF : 755383.3/13

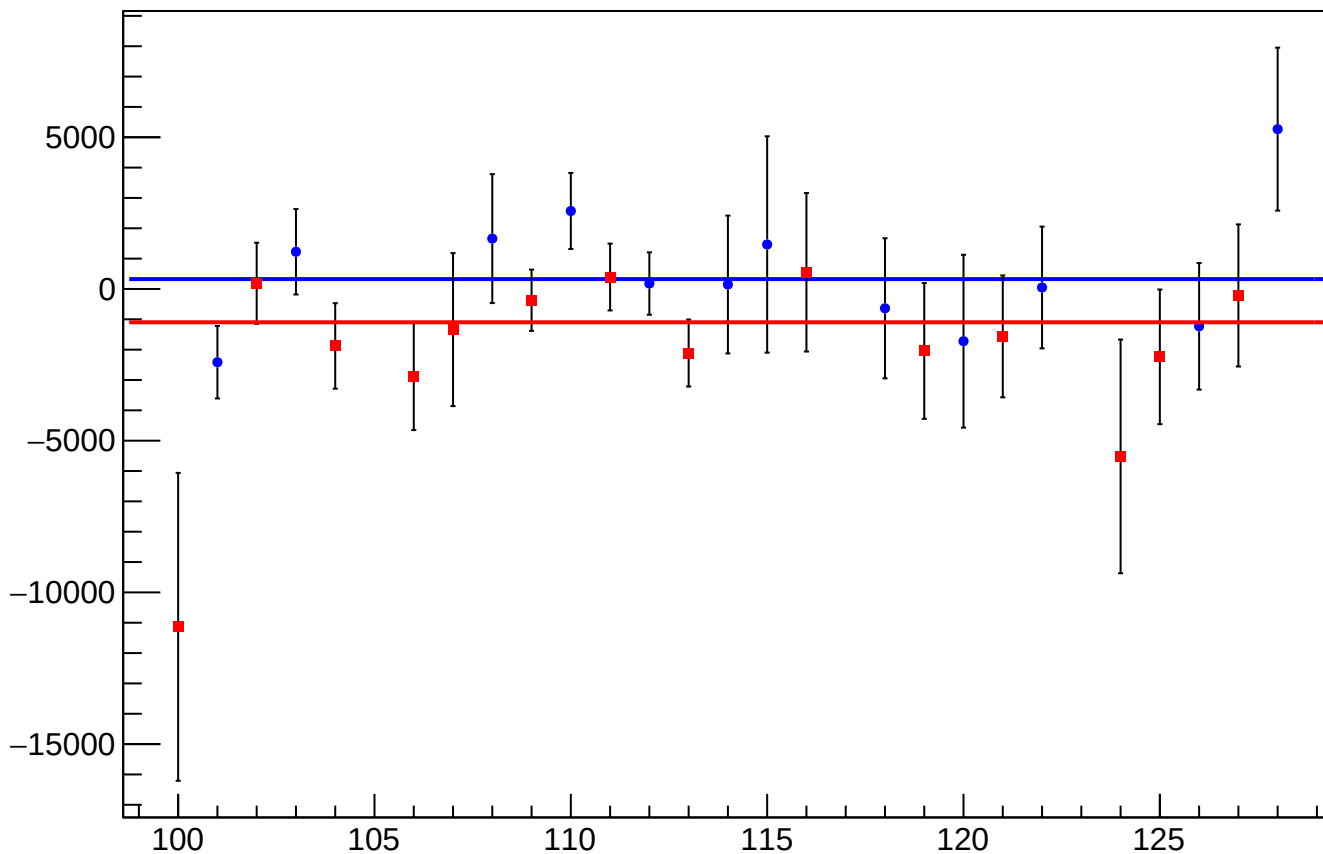
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.096+/-0.022 χ^2/NDF : 1409075.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_dit_correction_mean vs Slug



Right In: 325.303+/-487.418 χ^2/NDF : 14.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1097.439+/-436.235 χ^2/NDF : 11.7/13

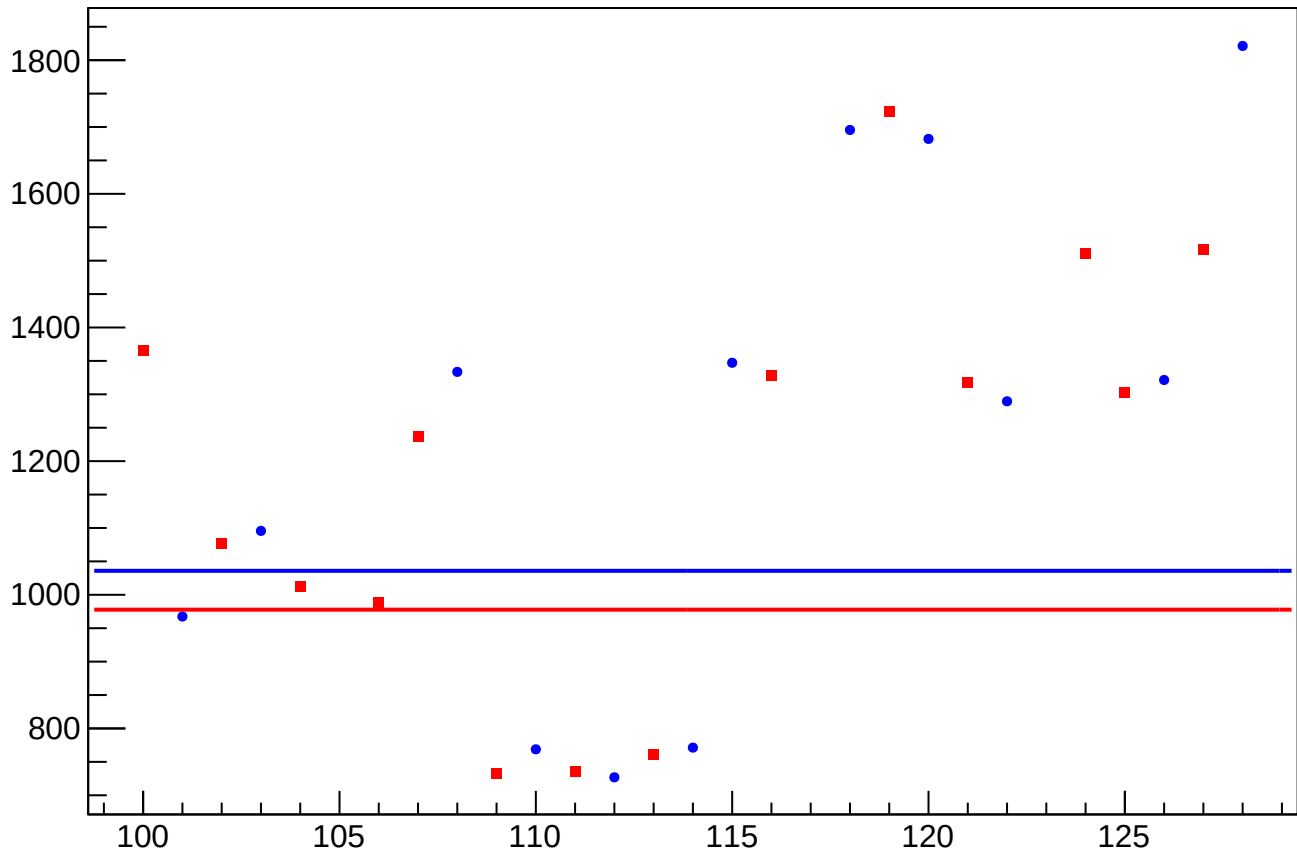
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -464.667+/-325.059 χ^2/NDF : 30.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_dit_correction_rms vs Slug



Right In: 1035.900+/-0.345 χ^2/NDF : 870087.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 977.755+/-0.308 χ^2/NDF : 838246.6/13

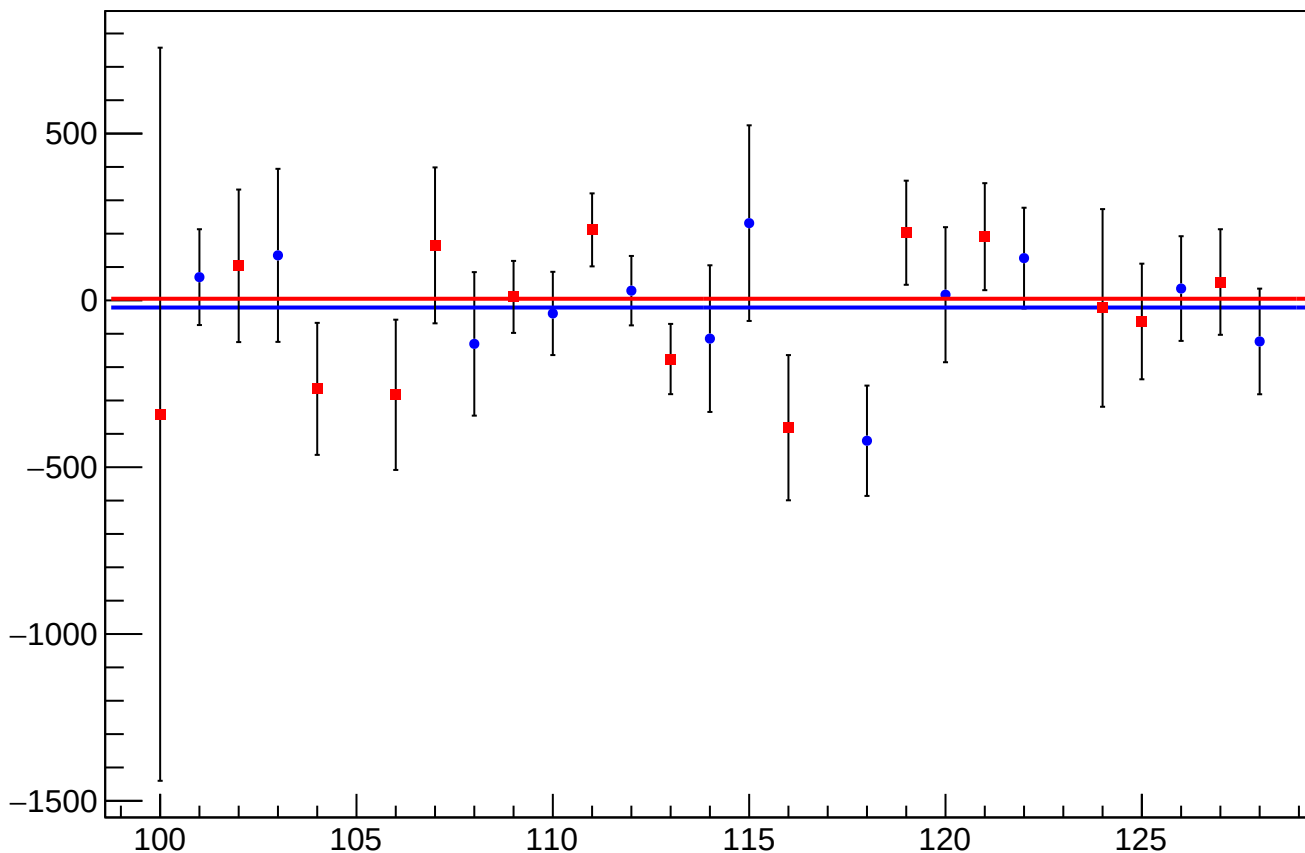
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1003.615+/-0.230 χ^2/NDF : 1724136.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_3748_avg_mean vs Slug



Right In: -21.355 $\pm$ 46.661 χ^2 /NDF: 9.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.939 $\pm$ 43.482 χ^2 /NDF: 17.1/13

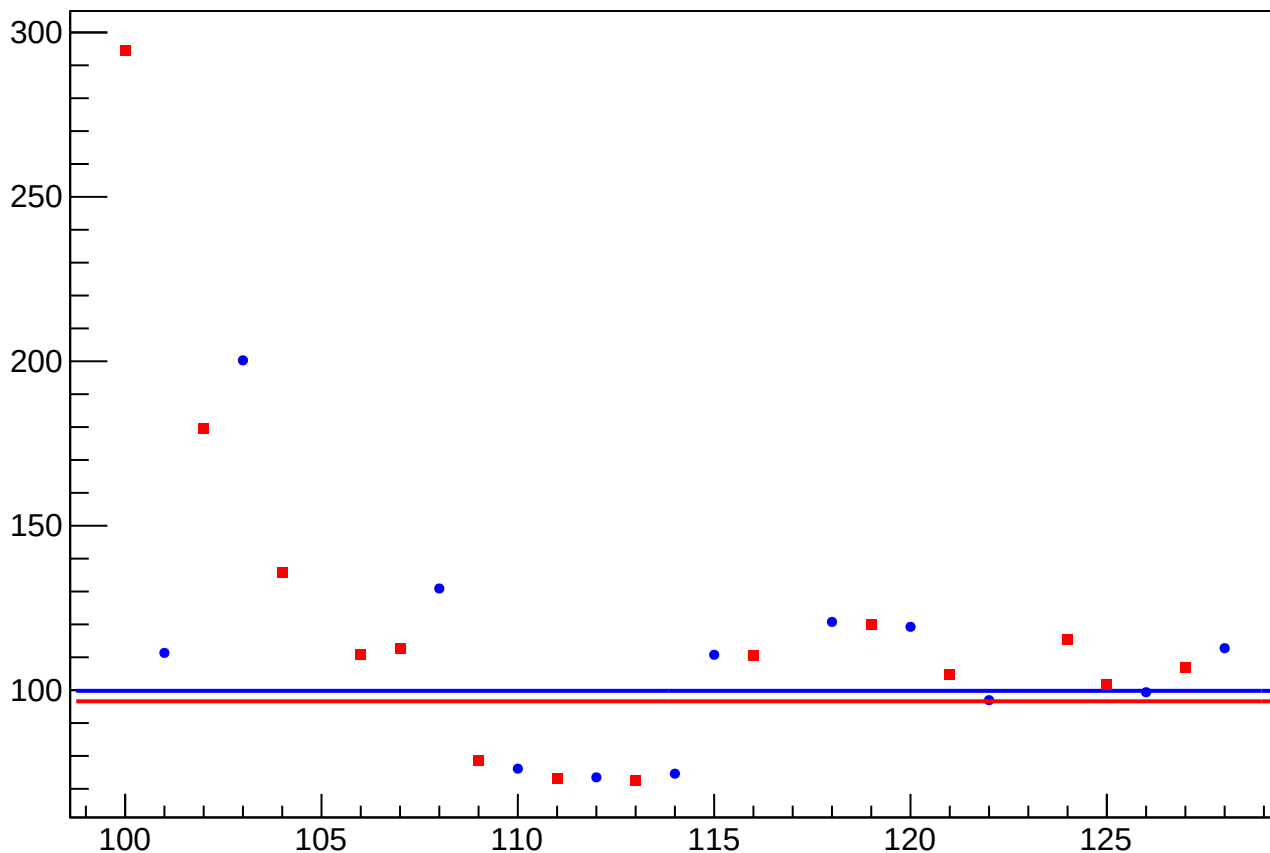
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -7.282 $\pm$ 31.811 χ^2 /NDF: 26.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_3748_avg_rms vs Slug



Right In: 99.800 $\pm$ 0.033 χ^2 /NDF: 648710.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 96.616 $\pm$ 0.031 χ^2 /NDF: 755383.0/13

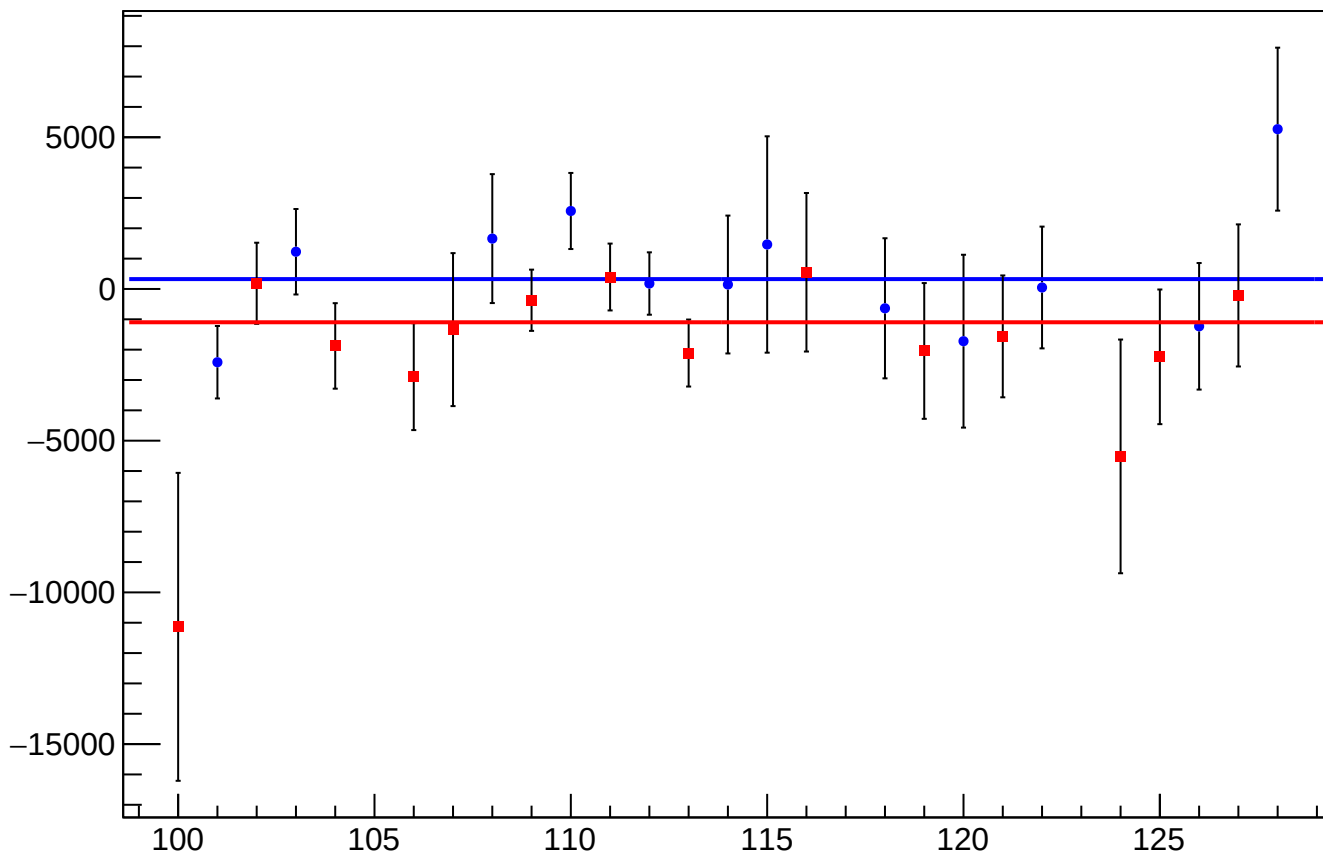
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 98.096 $\pm$ 0.022 χ^2 /NDF: 1409076.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_dit_correction_mean vs Slug



Right In: 325.302 $\pm$ 487.417 χ^2 /NDF: 14.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1097.437 $\pm$ 436.234 χ^2 /NDF: 11.7/13

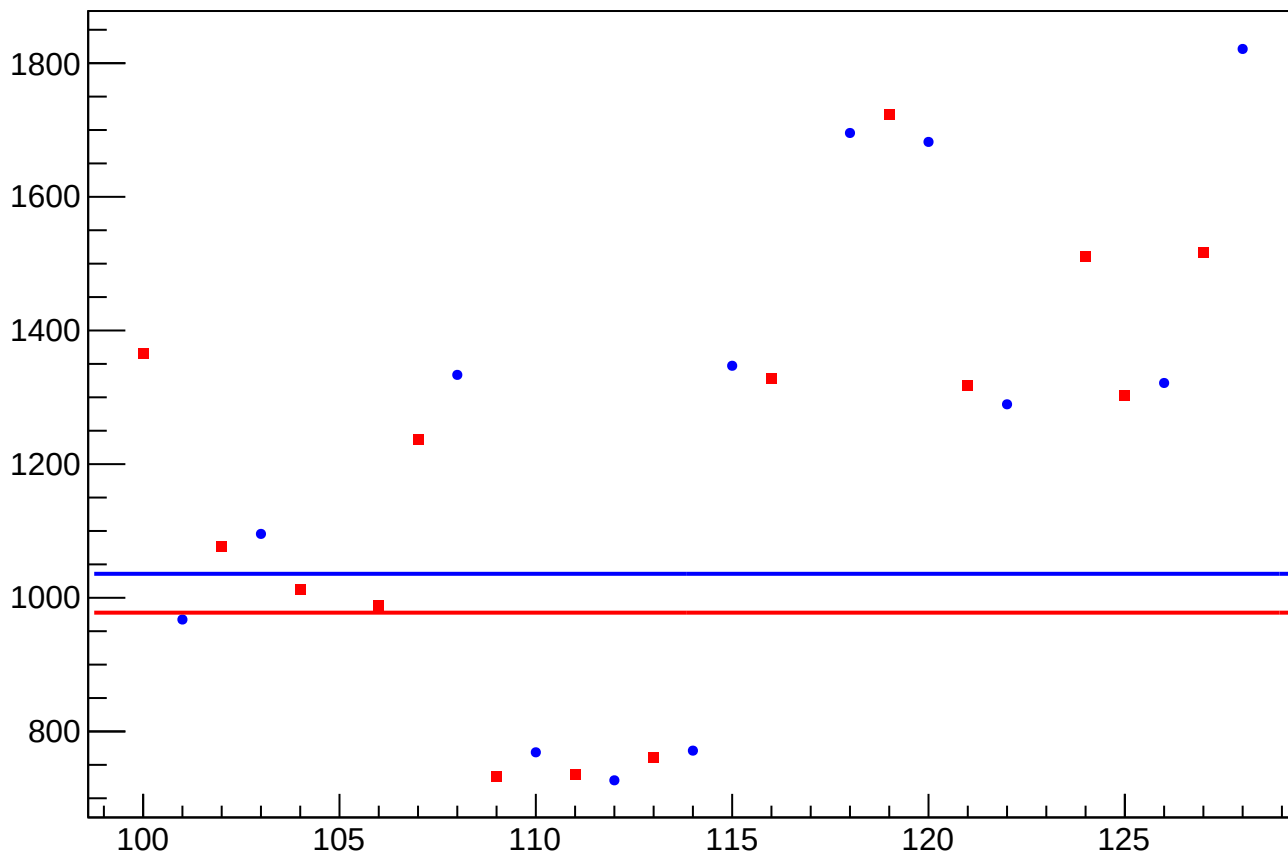
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -464.666 $\pm$ 325.058 χ^2 /NDF: 30.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_dit_correction_rms vs Slug



Right In: 1035.898+/-0.345 χ^2/NDF : 870091.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 977.753+/-0.308 χ^2/NDF : 838248.0/13

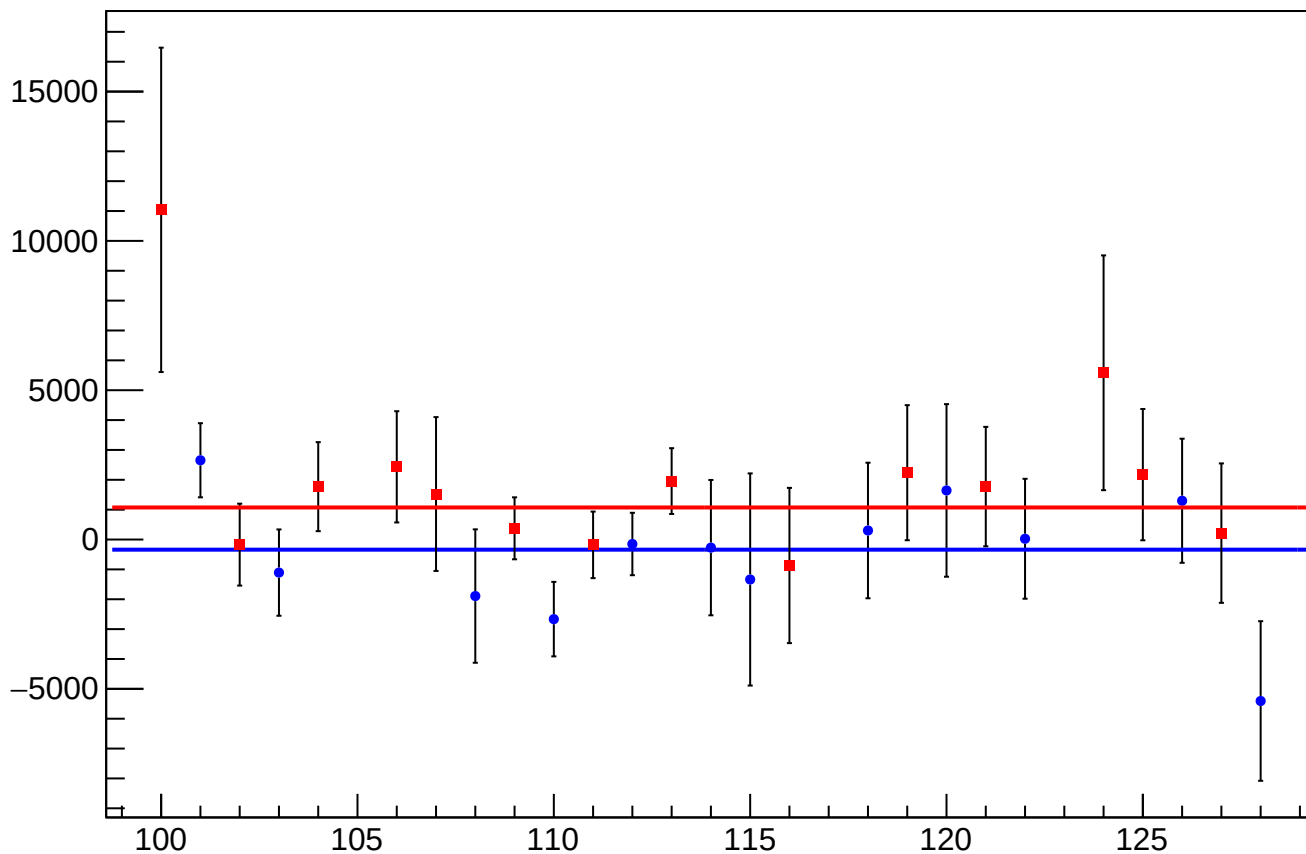
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1003.613+/-0.230 χ^2/NDF : 1724142.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_mean vs Slug



Right In: -339.421+/-494.153 χ^2 /NDF: 15.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1073.178+/-444.463 χ^2 /NDF: 10.0/13

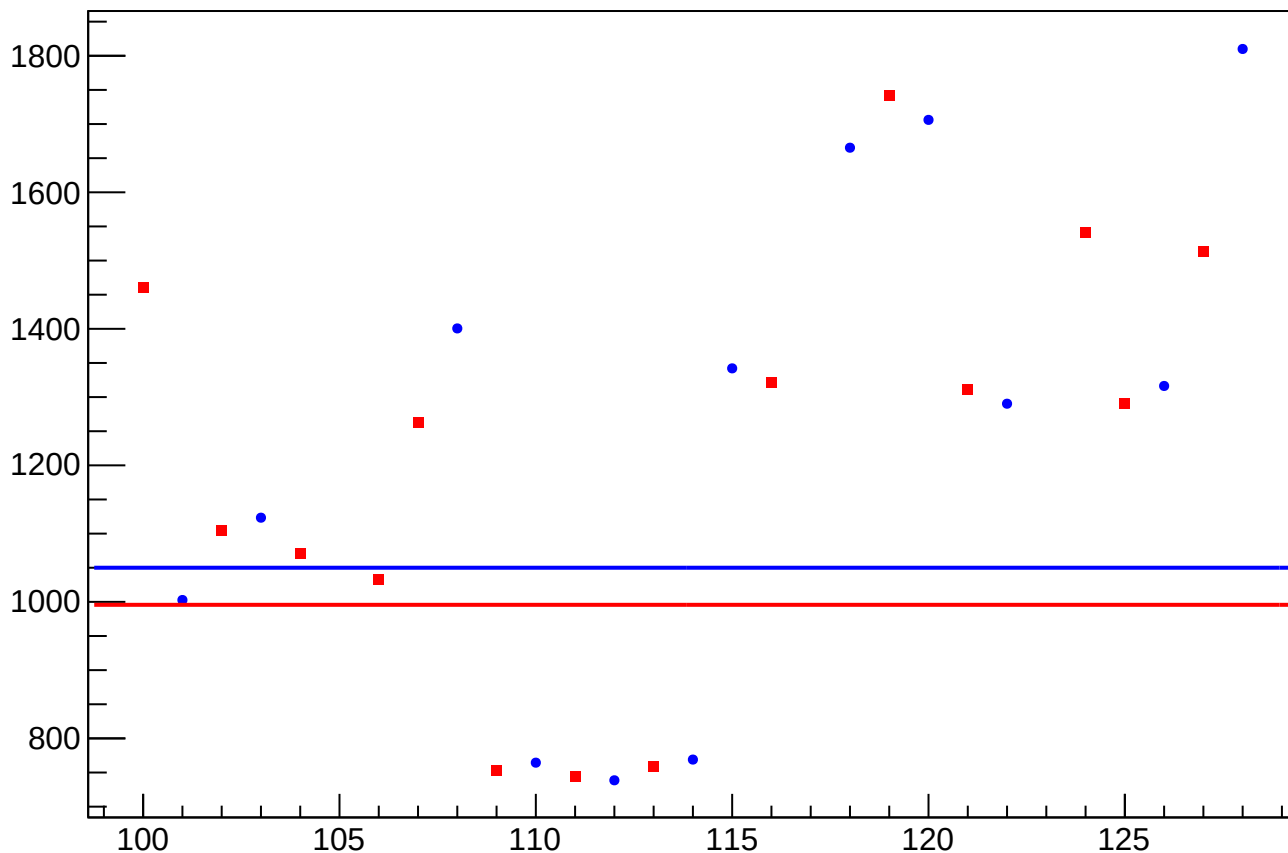
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 441.451+/-330.458 χ^2 /NDF: 29.5/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_rms vs Slug



Right In: 1050.024+/-0.349 χ^2/NDF : 857541.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 995.682+/-0.314 χ^2/NDF : 828987.6/13

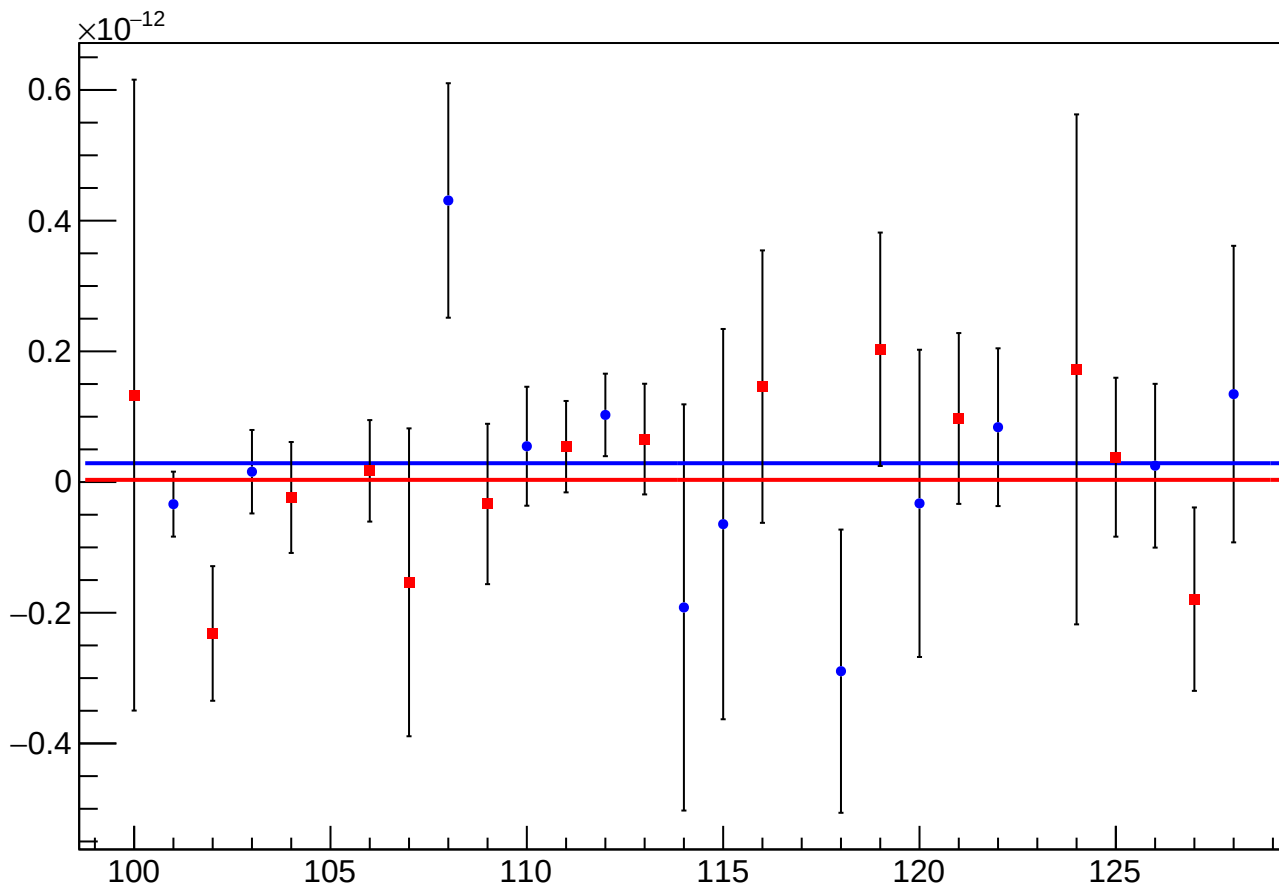
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

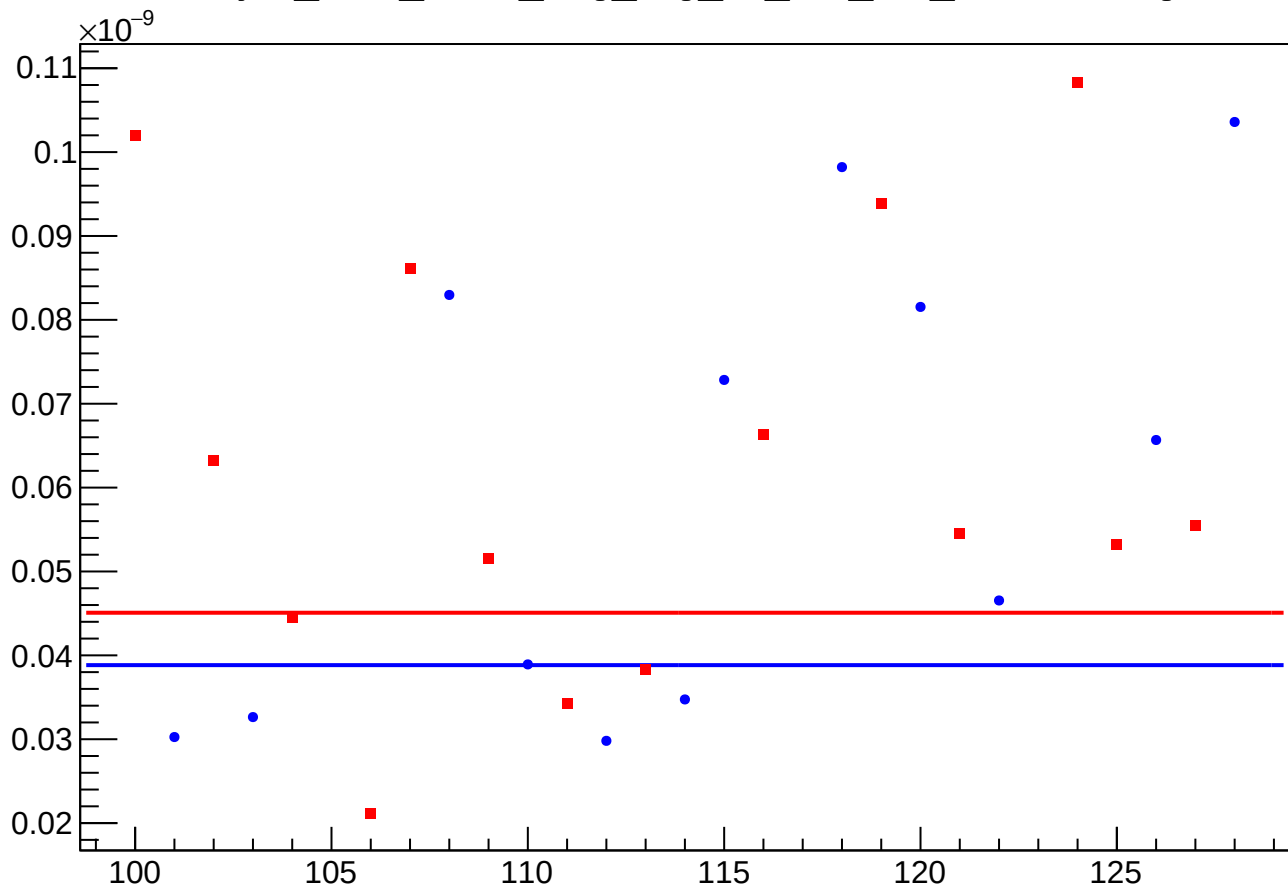
All: 1019.984+/-0.234 χ^2/NDF : 1699899.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_reg_vs_cor_diff_mean vs Slug



asym_sam_3748_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 745528.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 658983.4/13

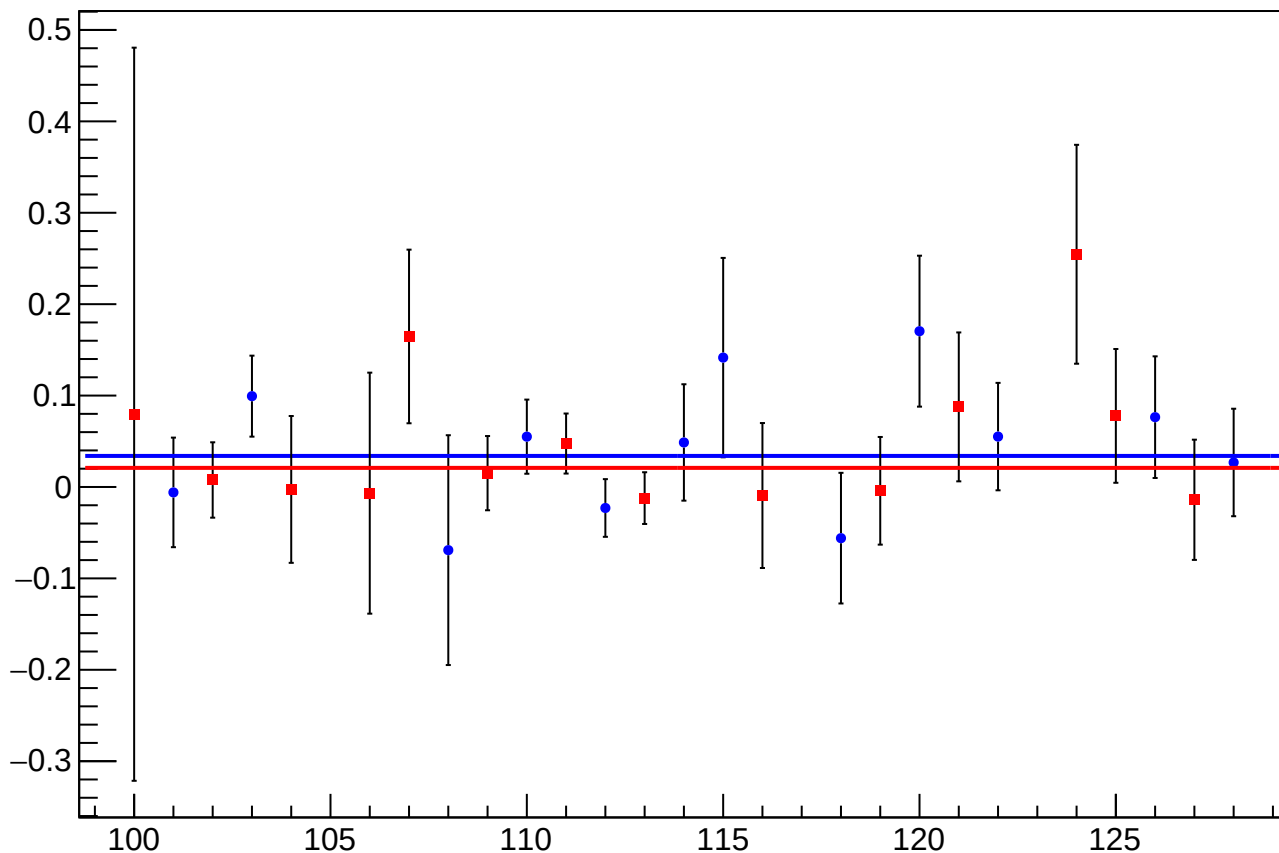
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1449744.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.034 $\pm$ 0.016 χ^2 /NDF: 12.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.021 $\pm$ 0.014 χ^2 /NDF: 10.3/13

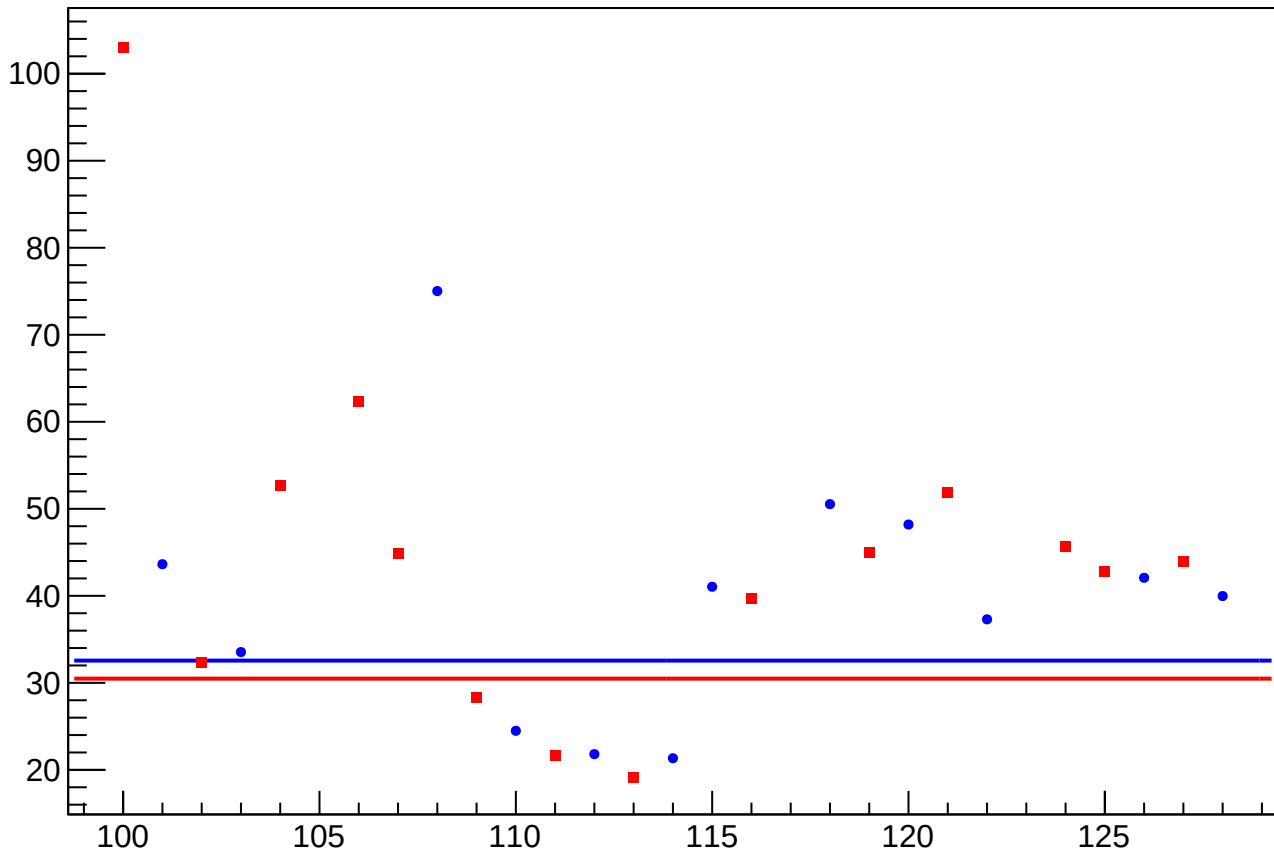
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.027 $\pm$ 0.011 χ^2 /NDF: 23.4/25

- 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: 32.557 $\pm$ 0.011 χ^2 /NDF: 966926.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 30.487 $\pm$ 0.010 χ^2 /NDF: 1315713.5/13

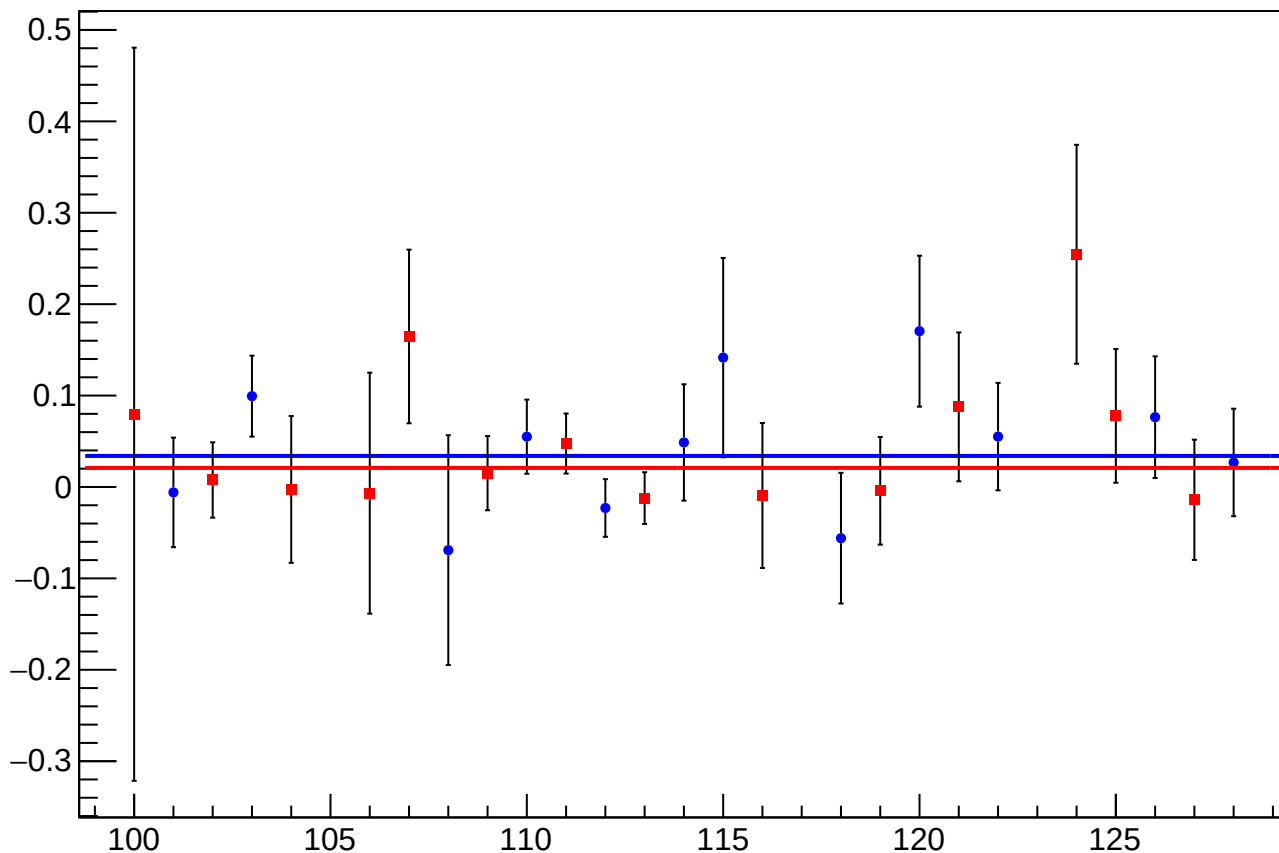
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 31.422 $\pm$ 0.008 χ^2 /NDF: 2301172.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.034 $\pm$ 0.016 χ^2 /NDF: 12.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.021 $\pm$ 0.014 χ^2 /NDF: 10.3/13

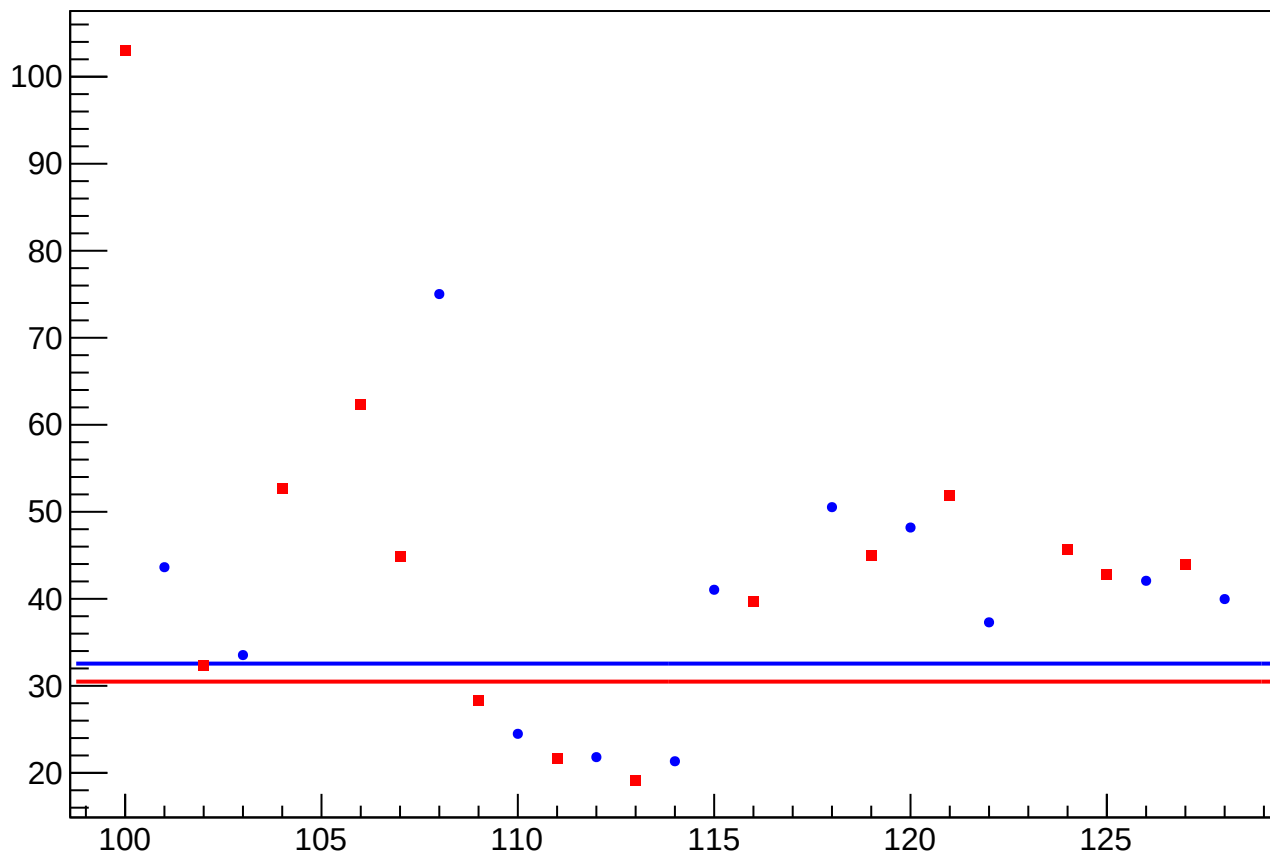
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.027 $\pm$ 0.011 χ^2 /NDF: 23.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 32.557+/-0.011 χ^2/NDF : 966926.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.487+/-0.010 χ^2/NDF : 1315713.5/13

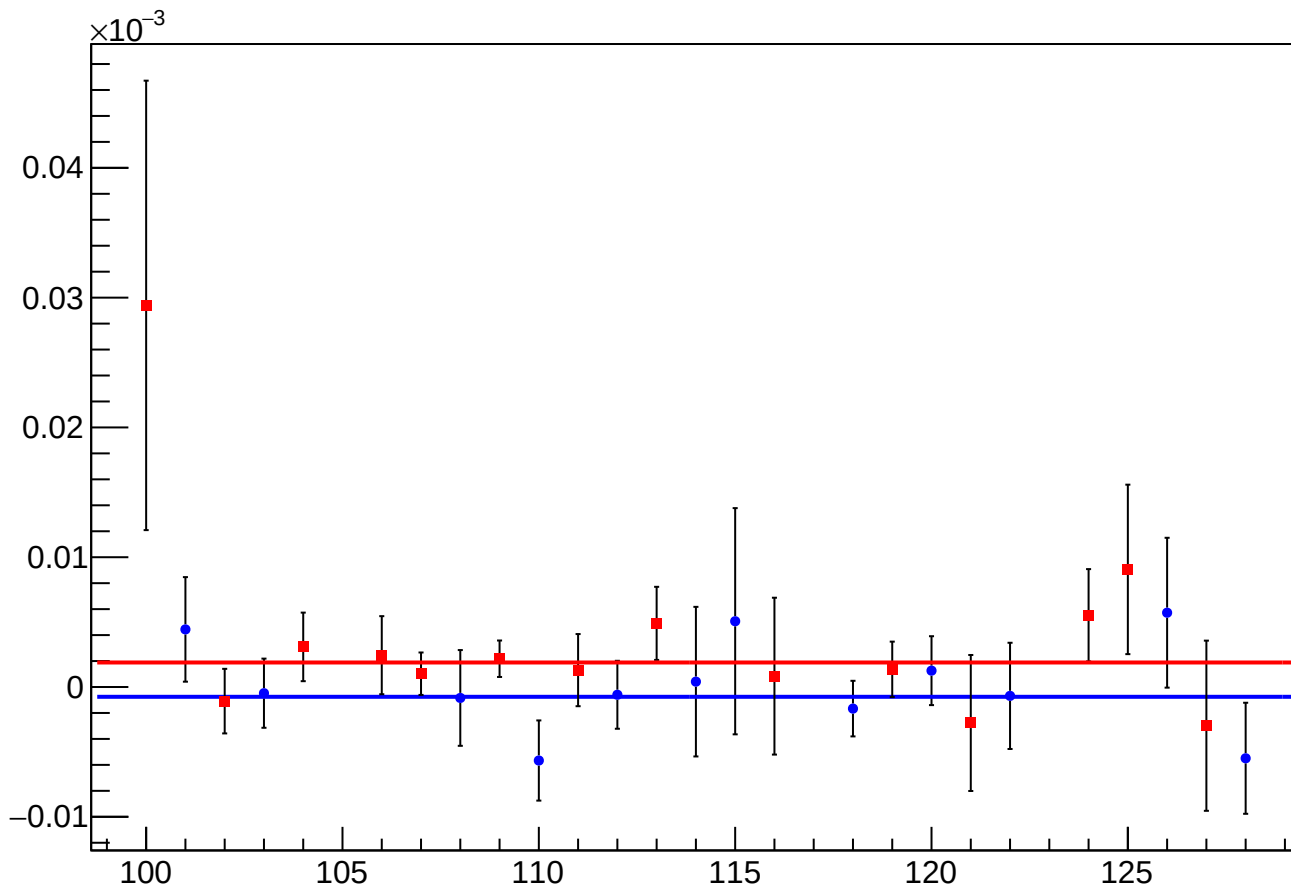
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.422+/-0.008 χ^2/NDF : 2301172.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 7.9/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 9.4/13

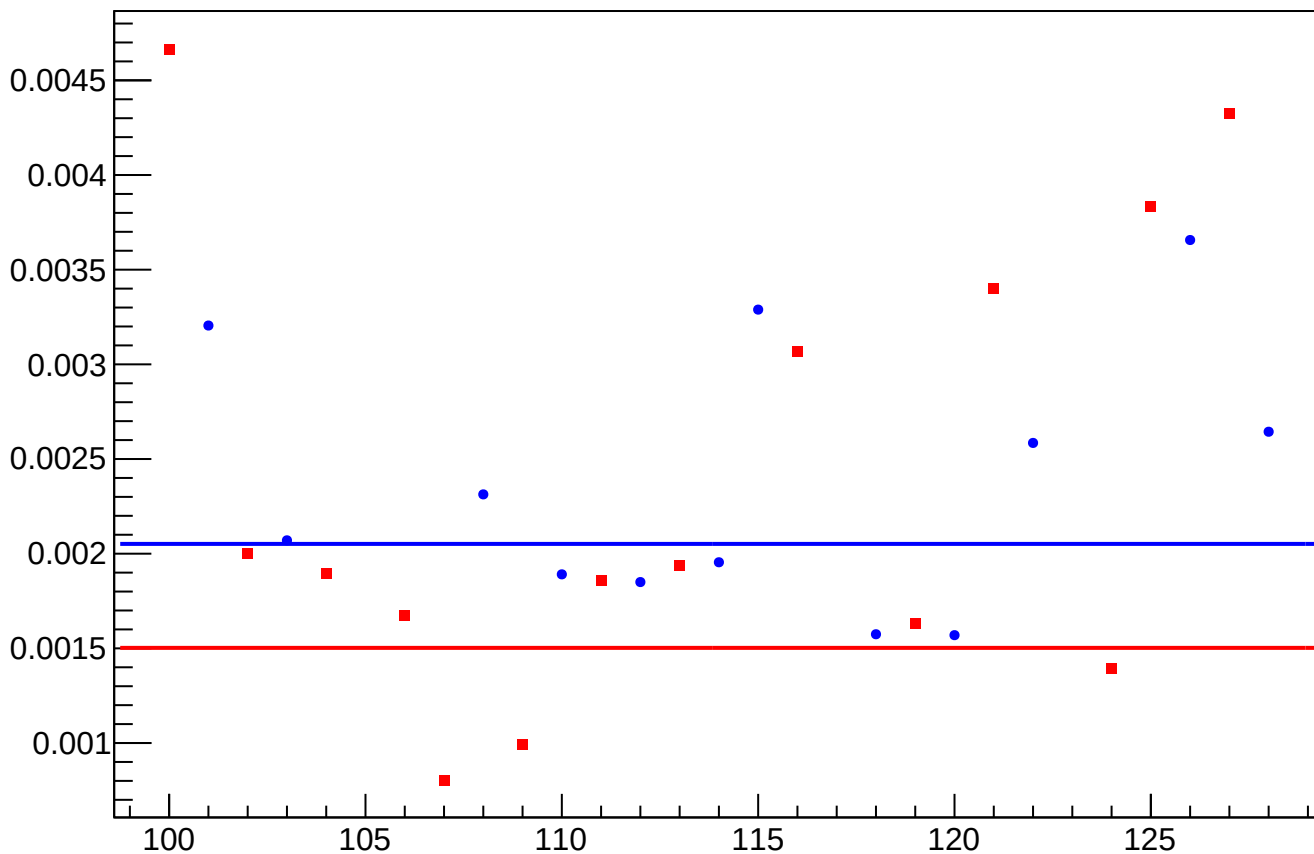
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 22.2/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 624370.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 1940301.4/13

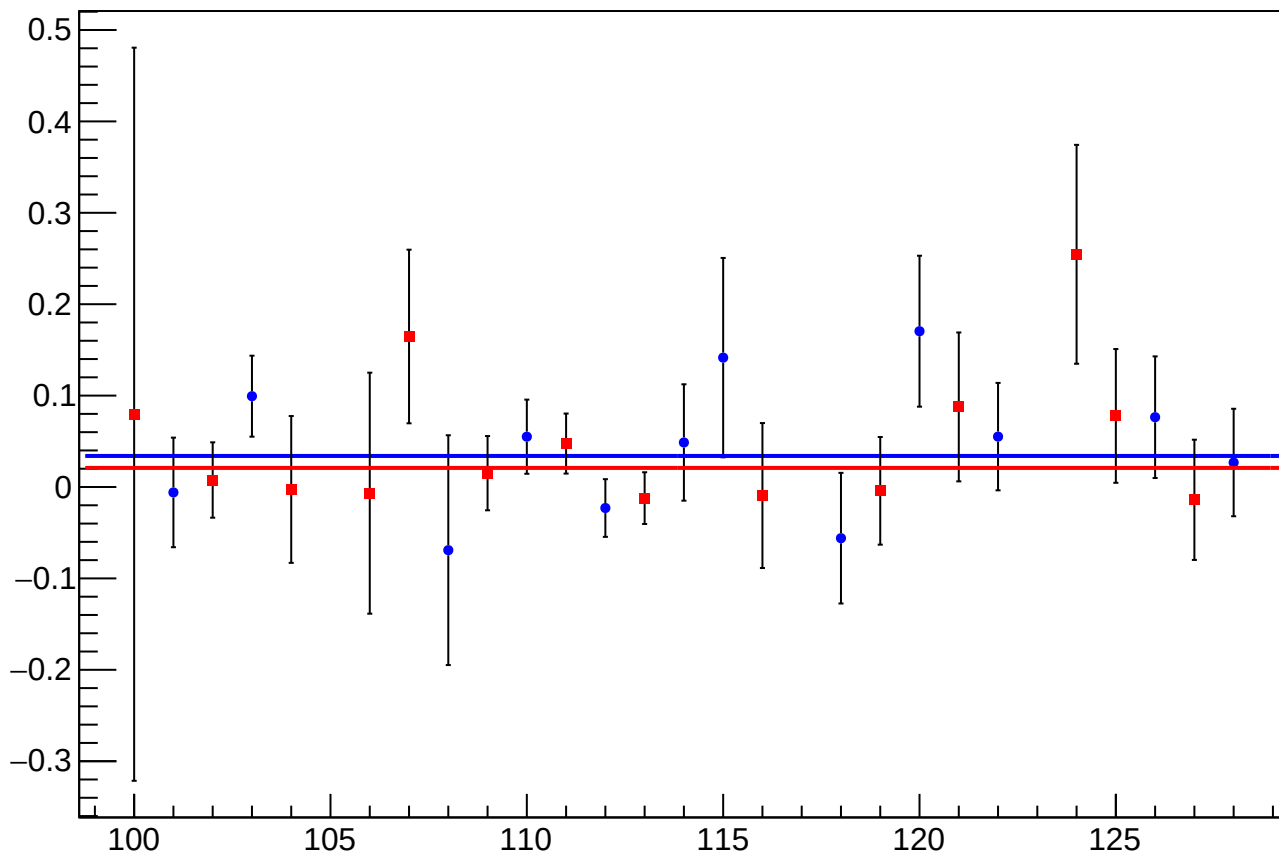
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 2983431.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.034 $\pm$ 0.016 χ^2 /NDF: 12.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.021 $\pm$ 0.014 χ^2 /NDF: 10.3/13

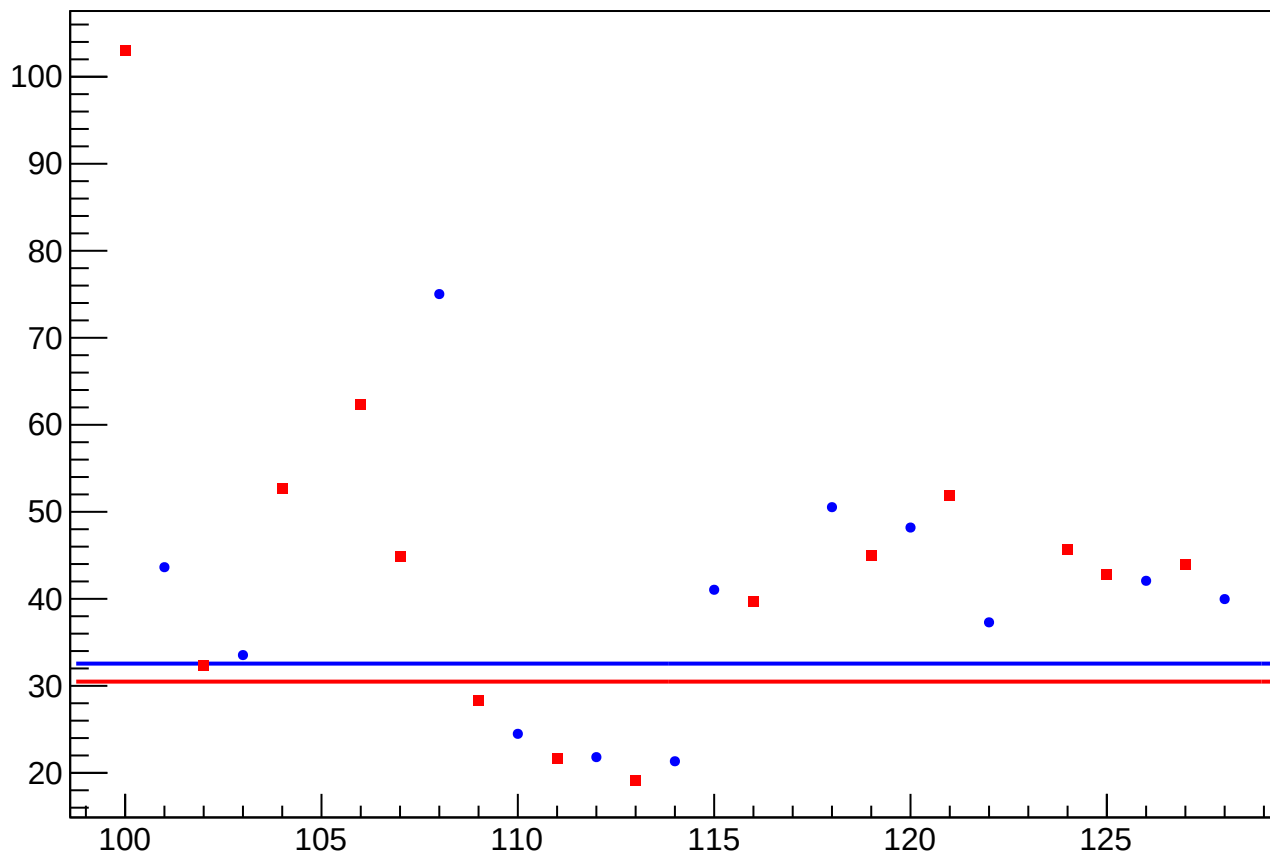
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.027 $\pm$ 0.011 χ^2 /NDF: 23.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 32.558 $\pm$ 0.011 χ^2 /NDF: 966908.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 30.487 $\pm$ 0.010 χ^2 /NDF: 1315686.5/13

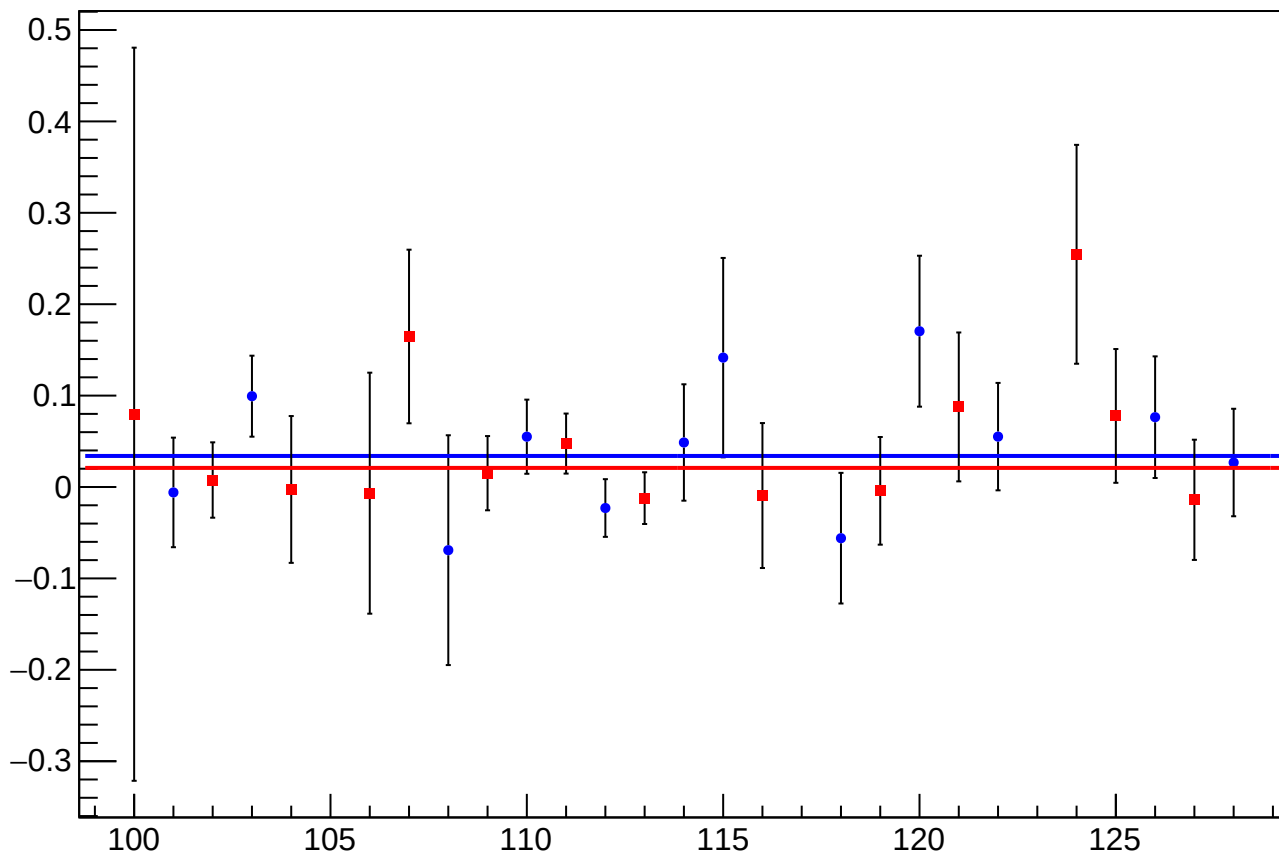
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 31.422 $\pm$ 0.008 χ^2 /NDF: 2301128.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.034 $\pm$ 0.016 χ^2 /NDF: 12.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.021 $\pm$ 0.014 χ^2 /NDF: 10.3/13

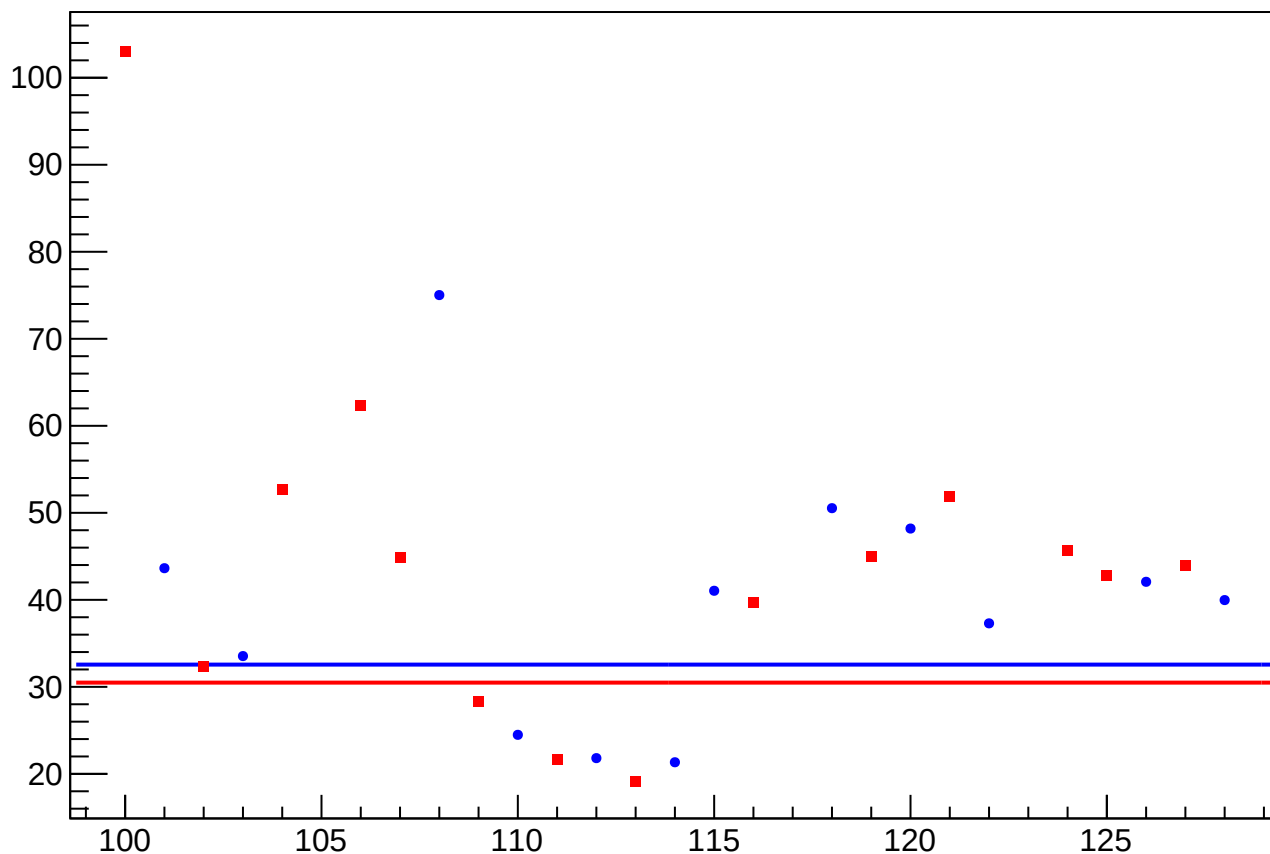
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.027 $\pm$ 0.011 χ^2 /NDF: 23.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 32.558 $\pm$ 0.011 χ^2 /NDF: 966908.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 30.487 $\pm$ 0.010 χ^2 /NDF: 1315686.5/13

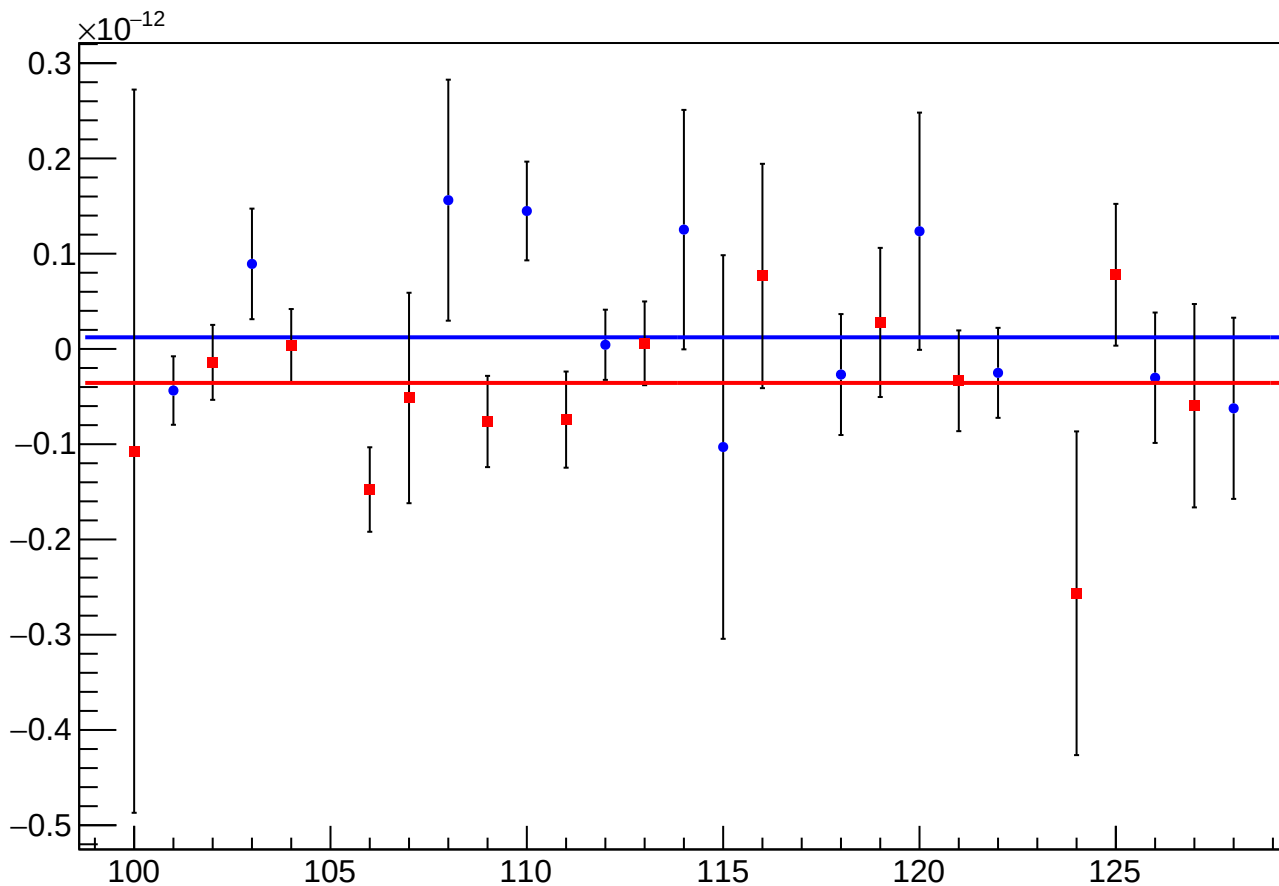
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 31.422 $\pm$ 0.008 χ^2 /NDF: 2301128.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 16.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.6/13

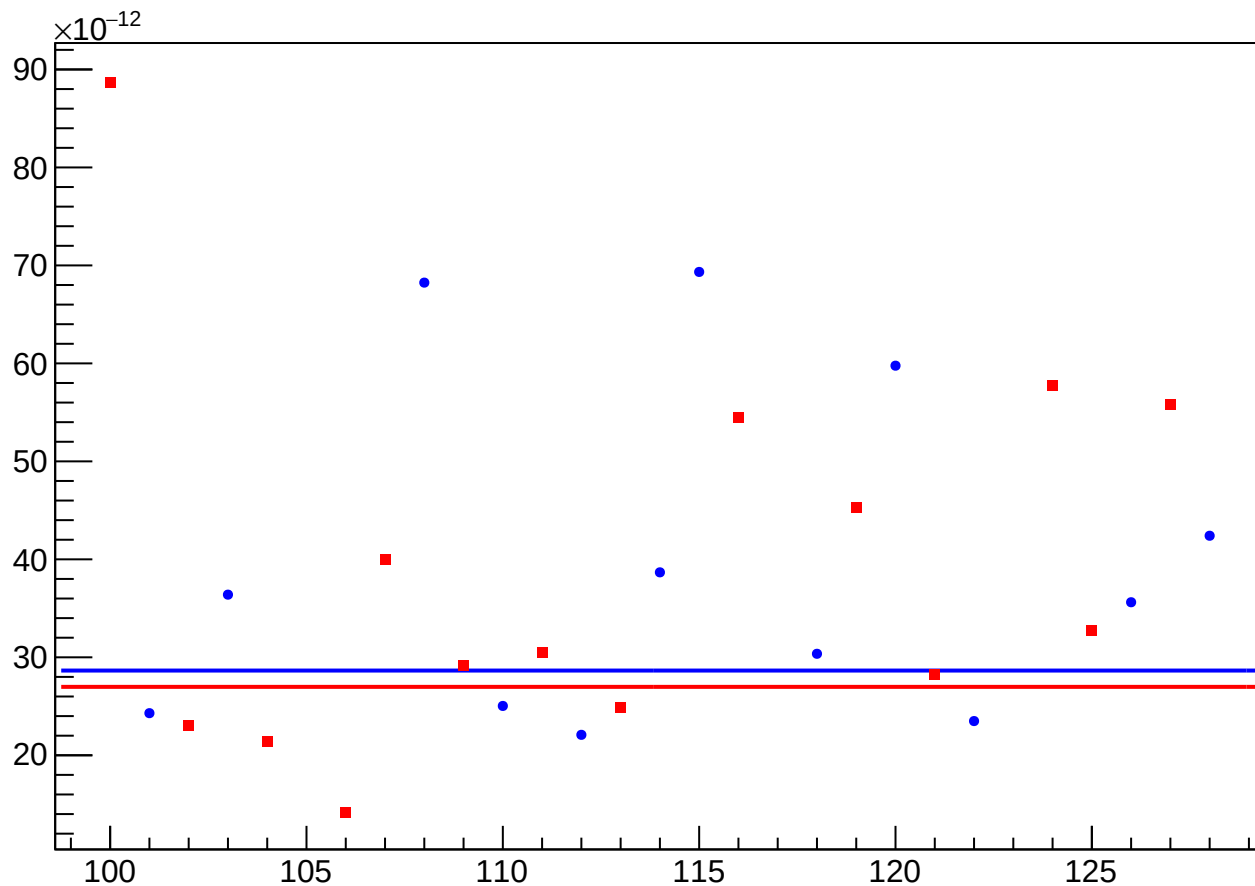
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 35.9/25

- 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 : 641159.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 771194.8/13

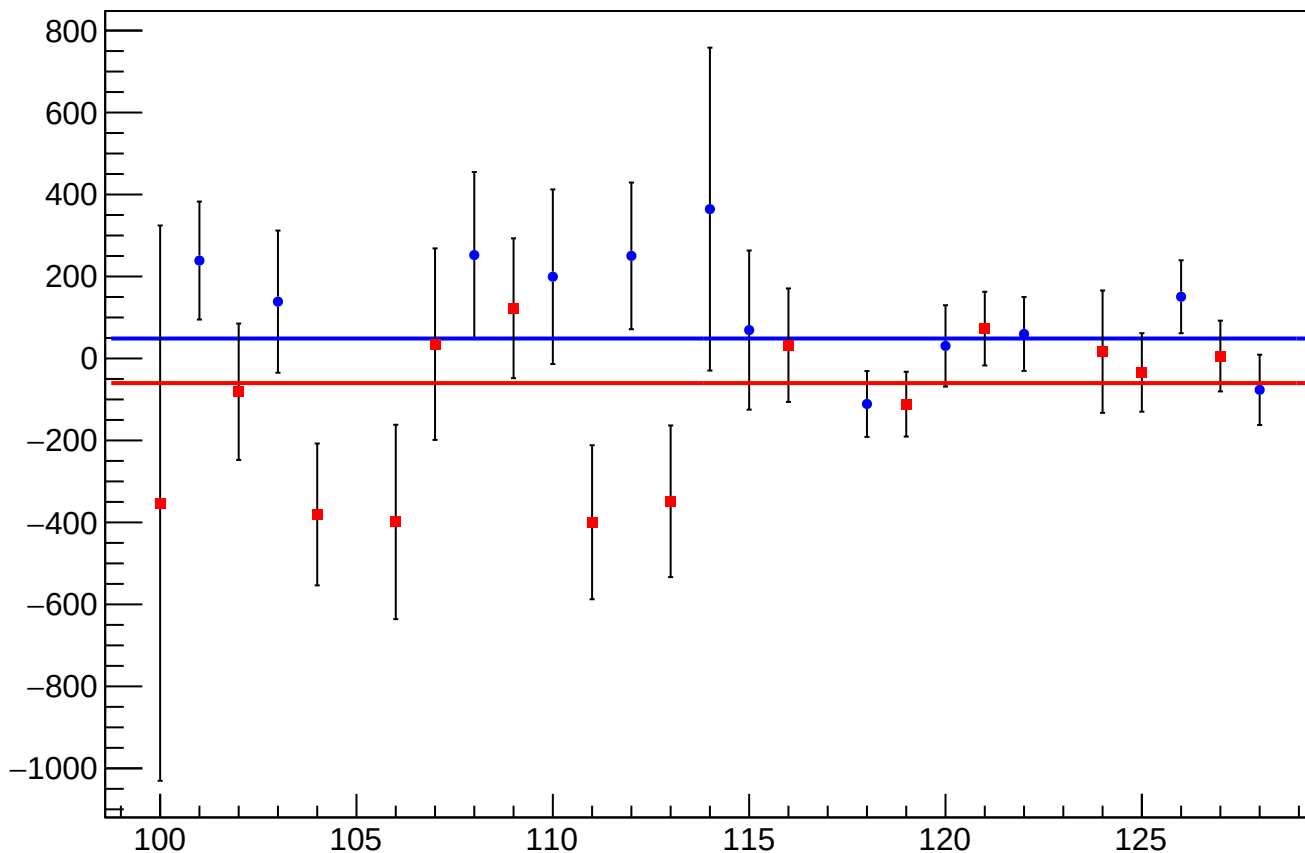
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1422744.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_mean vs Slug



Right In: 48.664+/-34.632 χ^2/NDF : 12.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -60.066+/-34.842 χ^2/NDF : 16.7/13

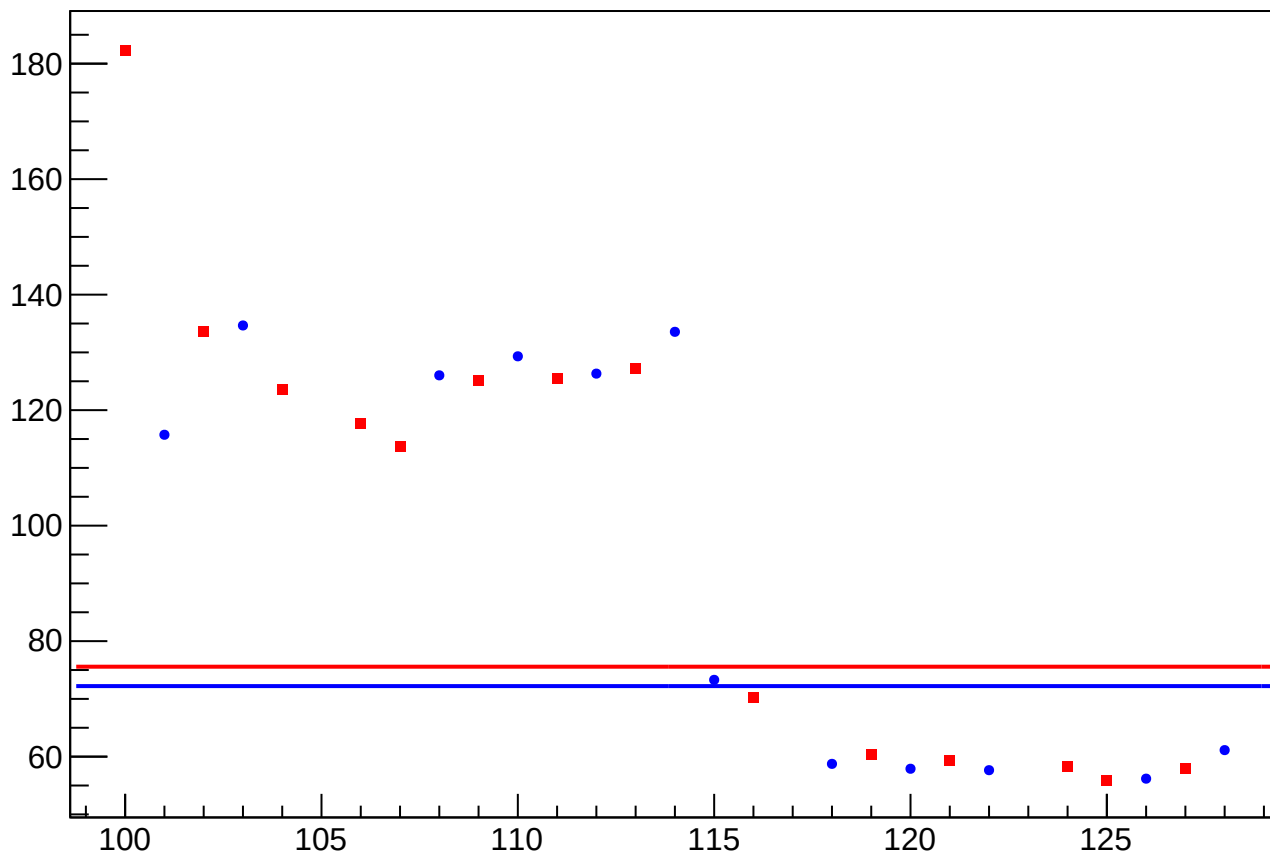
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.374+/-24.562 χ^2/NDF : 34.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_rms vs Slug



Right In: 72.216+/-0.024 χ^2/NDF : 1206650.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.575+/-0.025 χ^2/NDF : 1365851.7/13

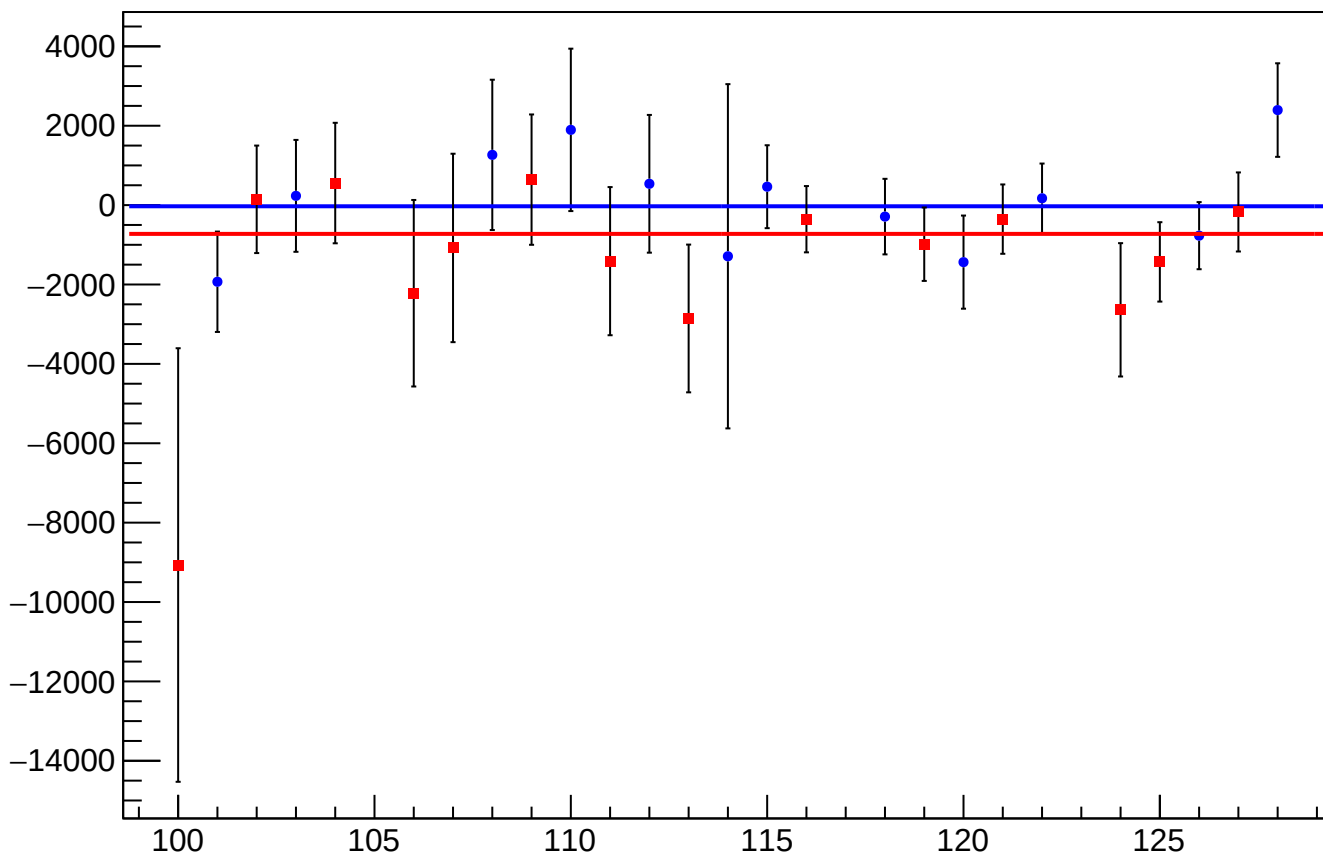
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.885+/-0.017 χ^2/NDF : 2581854.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_reg_correction_mean vs Slug



Right In: -29.385+/-349.106 χ^2/NDF : 10.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -724.986+/-341.118 χ^2/NDF : 8.6/13

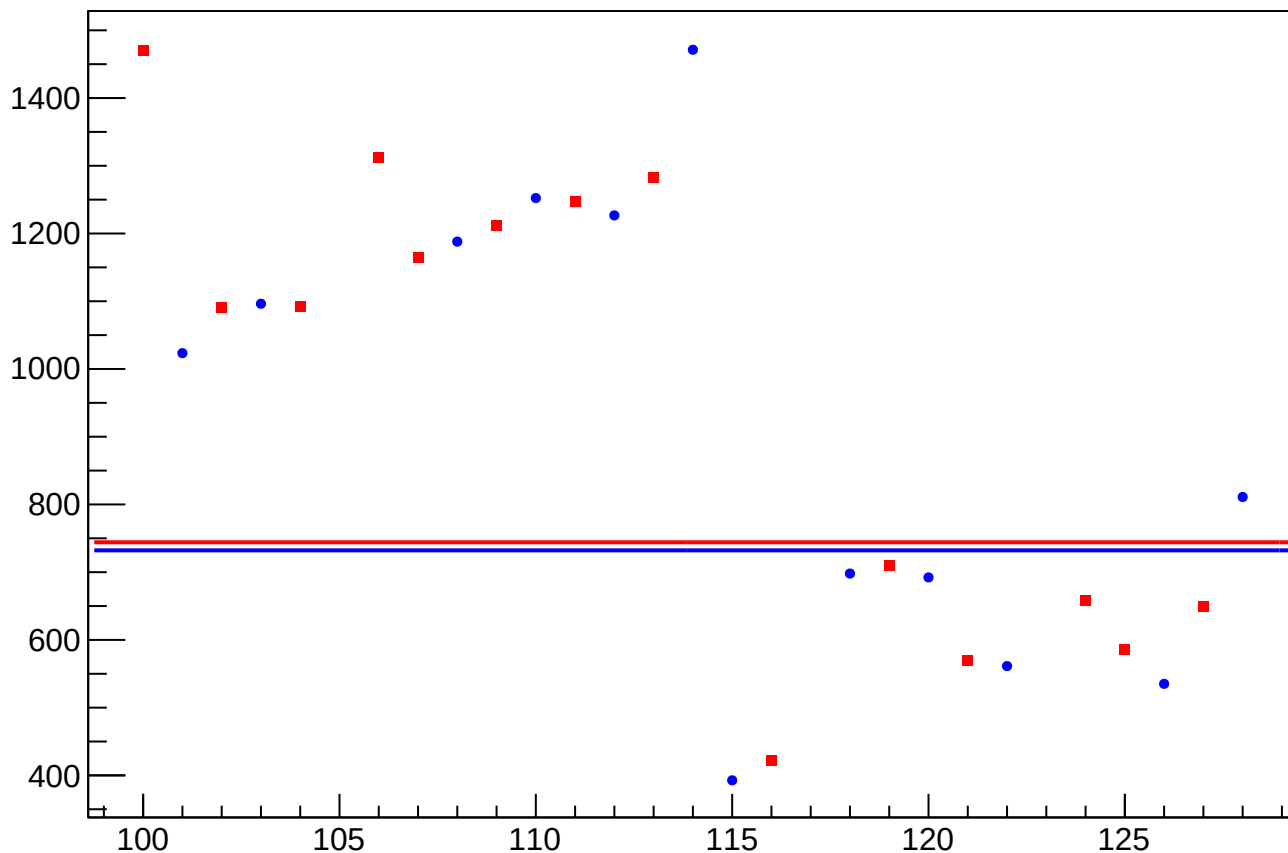
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -385.235+/-243.982 χ^2/NDF : 21.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_reg_correction_rms vs Slug



Right In: 732.224+/-0.247 χ^2/NDF : 1115296.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 744.151+/-0.241 χ^2/NDF : 1380555.8/13

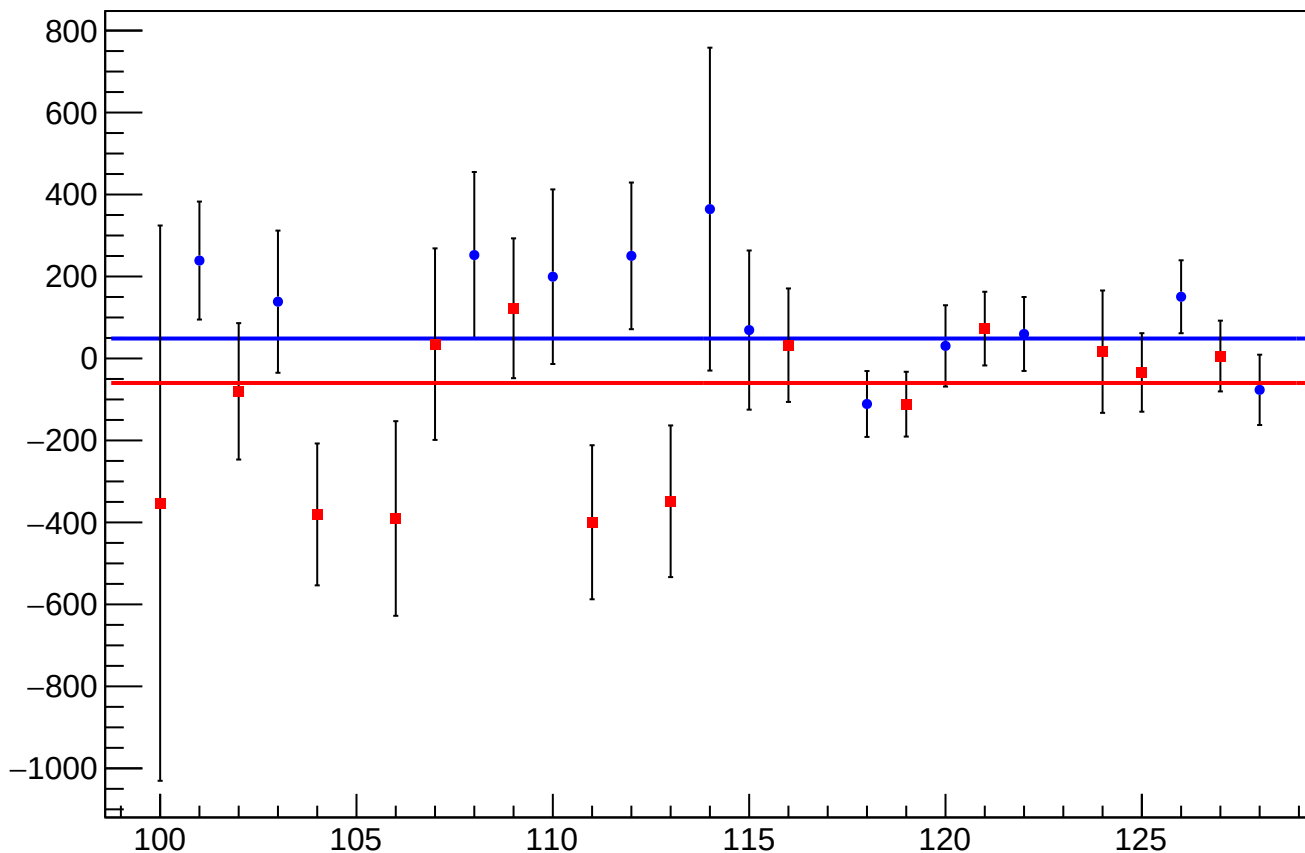
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 738.326+/-0.173 χ^2/NDF : 2497046.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_1526_avg_mean vs Slug



Right In: 48.658+/-34.632 χ^2/NDF : 12.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -59.810+/-34.843 χ^2/NDF : 16.5/13

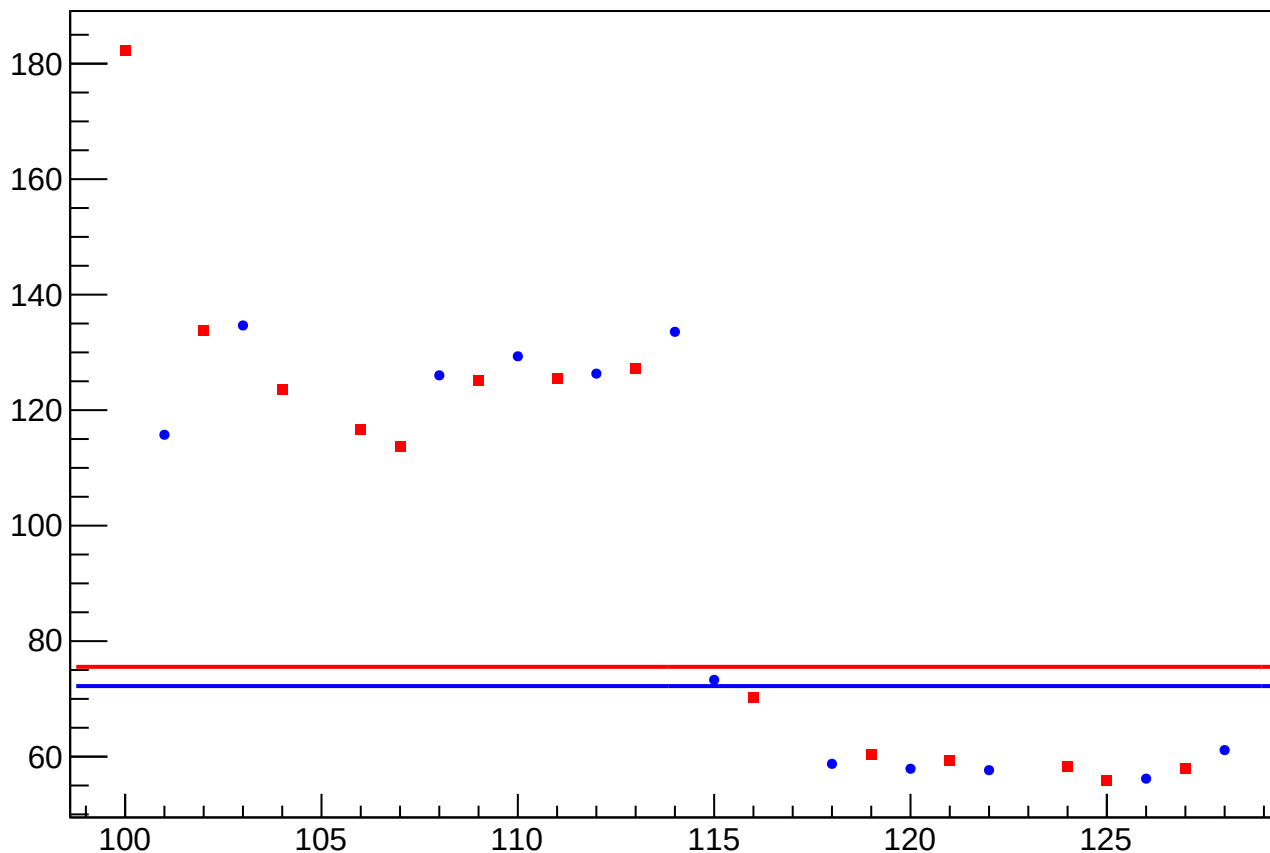
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.247+/-24.563 χ^2/NDF : 34.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_1526_avg_rms vs Slug



Right In: 72.216+/-0.024 χ^2/NDF : 1206652.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.551+/-0.025 χ^2/NDF : 1363053.3/13

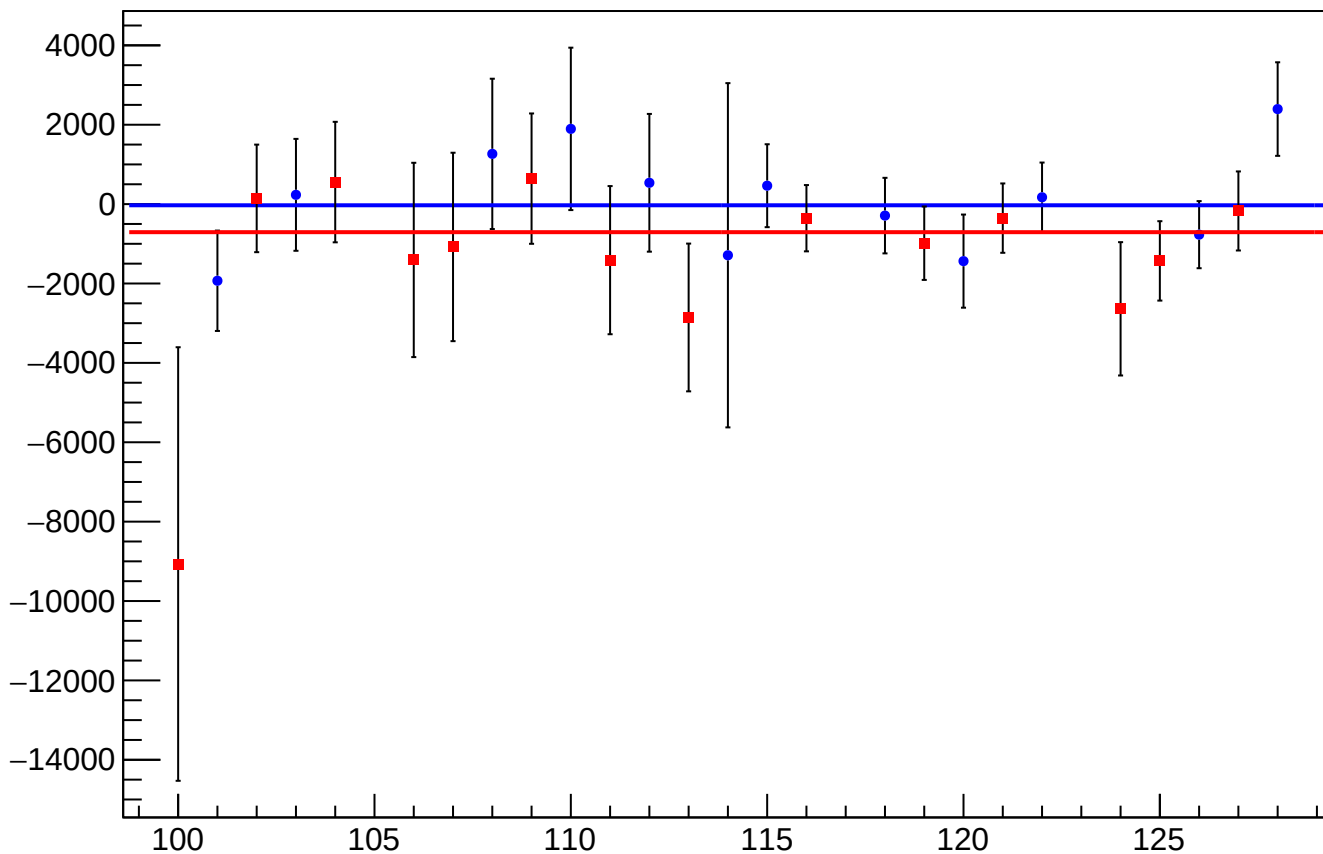
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.873+/-0.017 χ^2/NDF : 2578927.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_cor_correction_mean vs Slug



Right In: -29.349 ± 349.107 χ^2/NDF : 10.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -706.903 ± 341.416 χ^2/NDF : 8.3/13

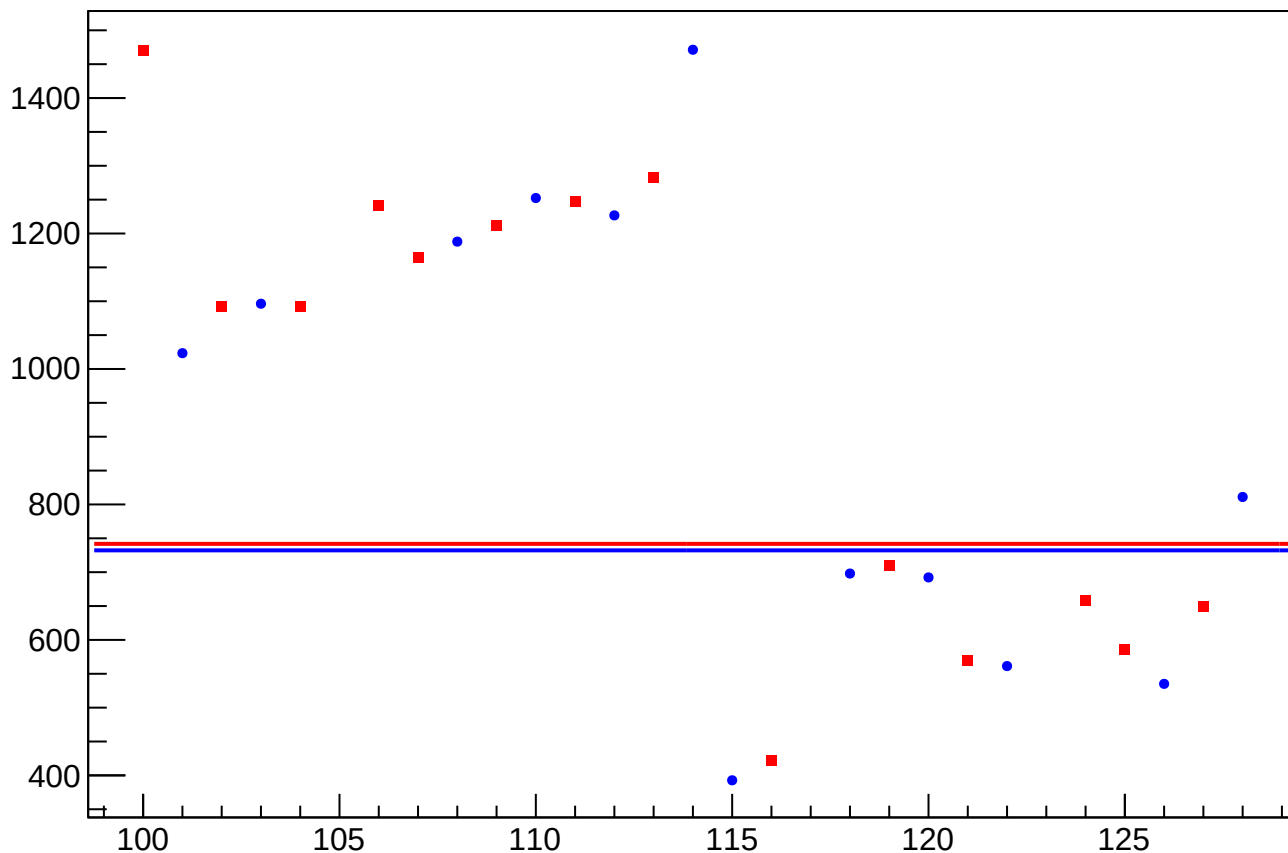
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -375.672 ± 244.091 χ^2/NDF : 20.8/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_cor_correction_rms vs Slug



Right In: 732.224+/-0.247 χ^2/NDF : 1115330.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 741.825+/-0.241 χ^2/NDF : 1346051.5/13

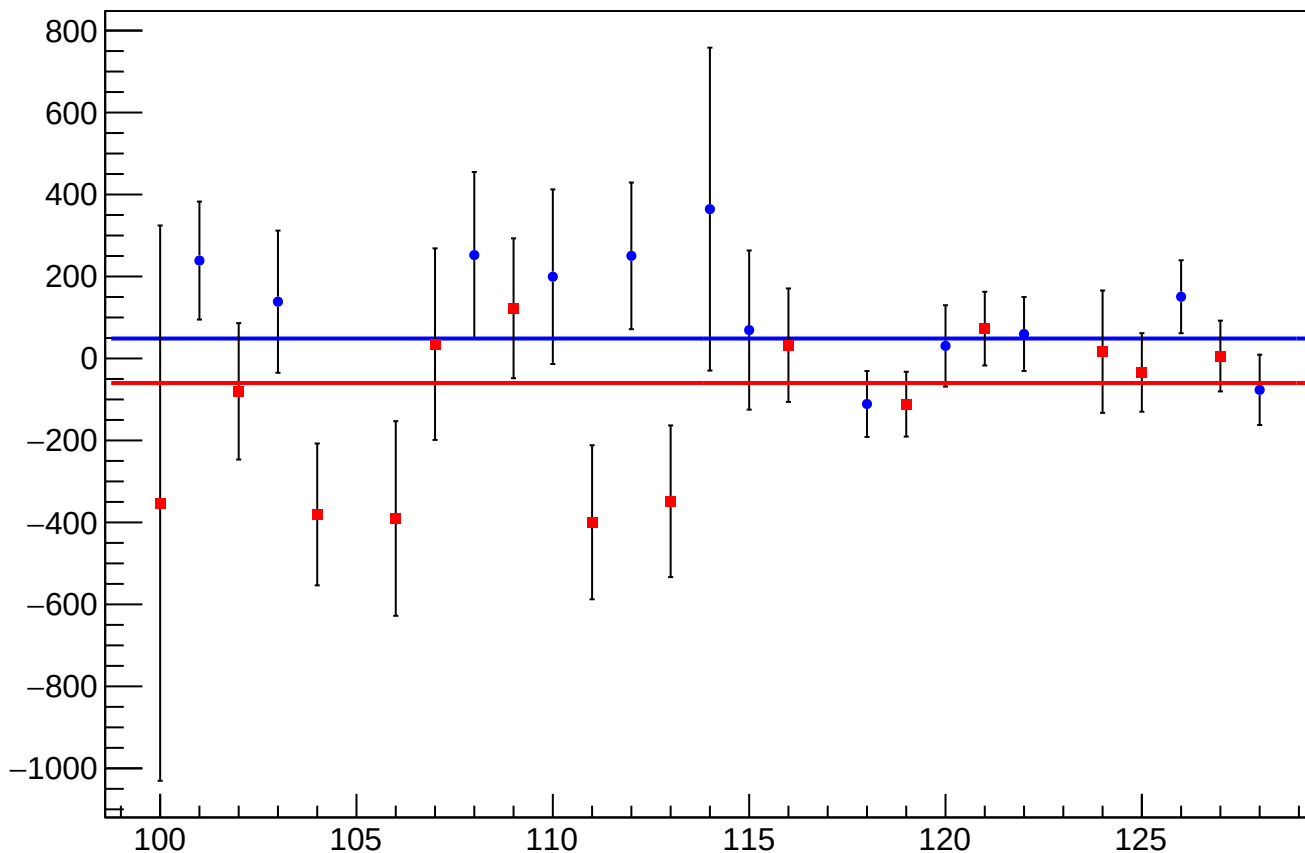
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 737.131+/-0.173 χ^2/NDF : 2462154.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_1526_avg_mean vs Slug



Right In: 48.658+/-34.632 χ^2/NDF : 12.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -59.810+/-34.843 χ^2/NDF : 16.5/13

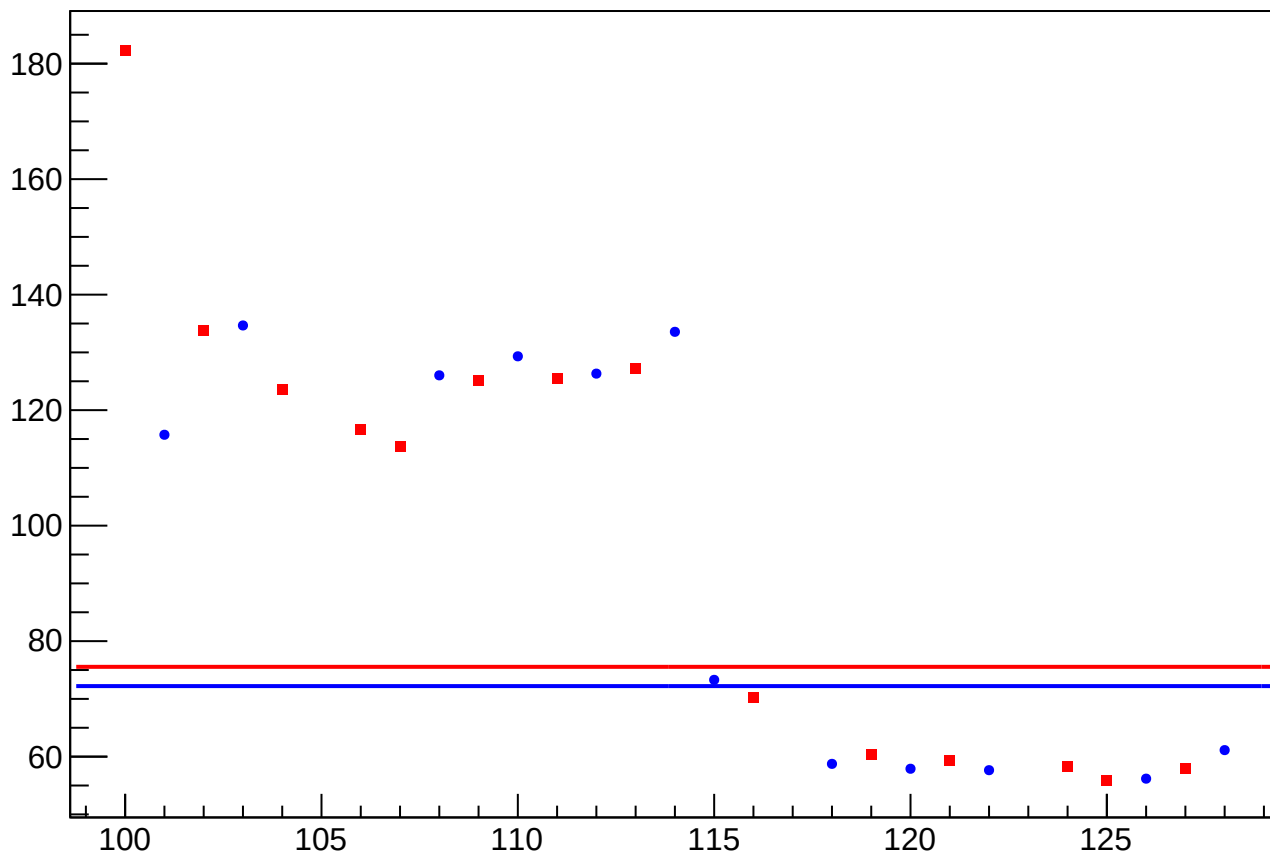
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.247+/-24.563 χ^2/NDF : 34.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_1526_avg_rms vs Slug



Right In: 72.216+/-0.024 χ^2/NDF : 1206652.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.551+/-0.025 χ^2/NDF : 1363053.3/13

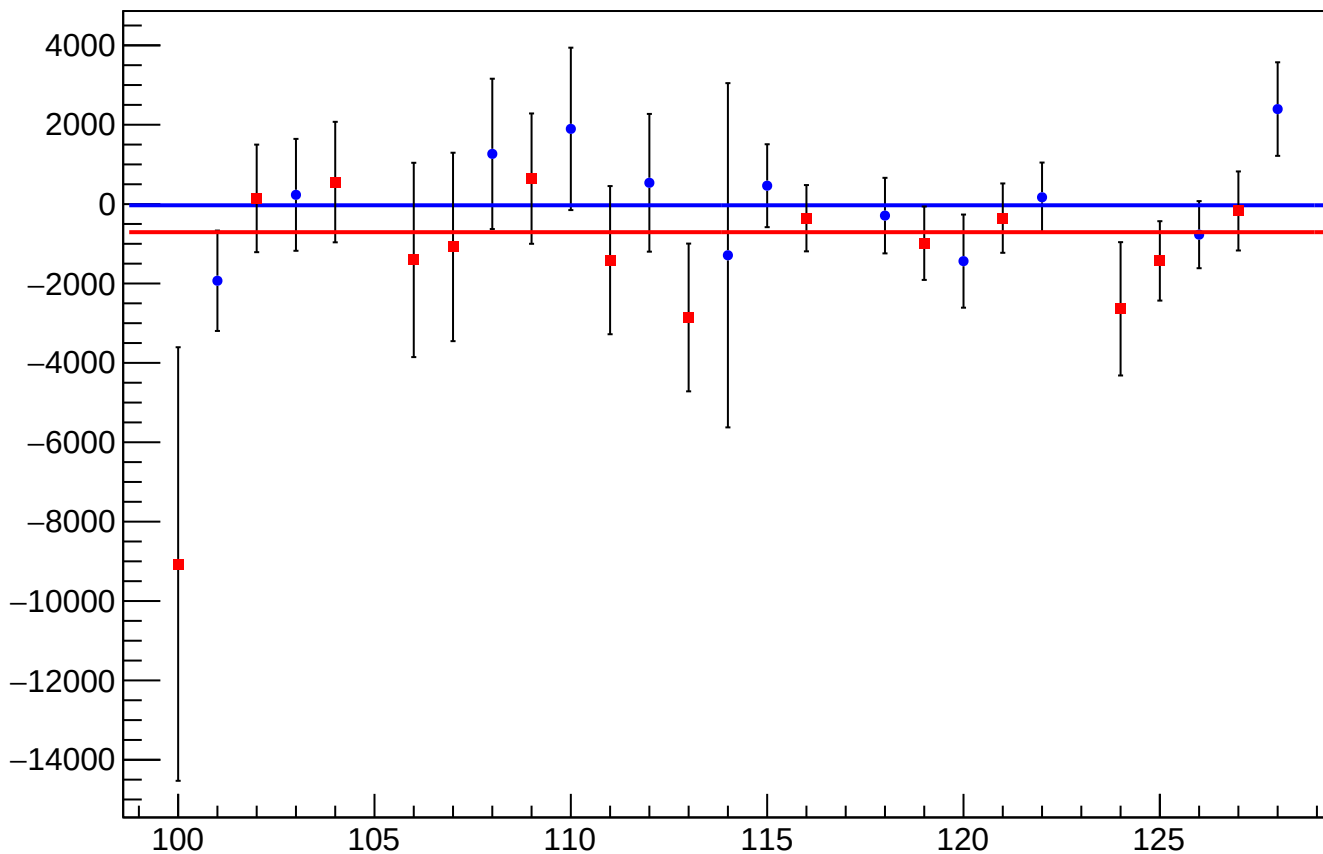
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.873+/-0.017 χ^2/NDF : 2578927.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_cor_correction_mean vs Slug



Right In: -29.349 ± 349.107 χ^2/NDF : 10.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -766.903 ± 341.416 χ^2/NDF : 8.3/13

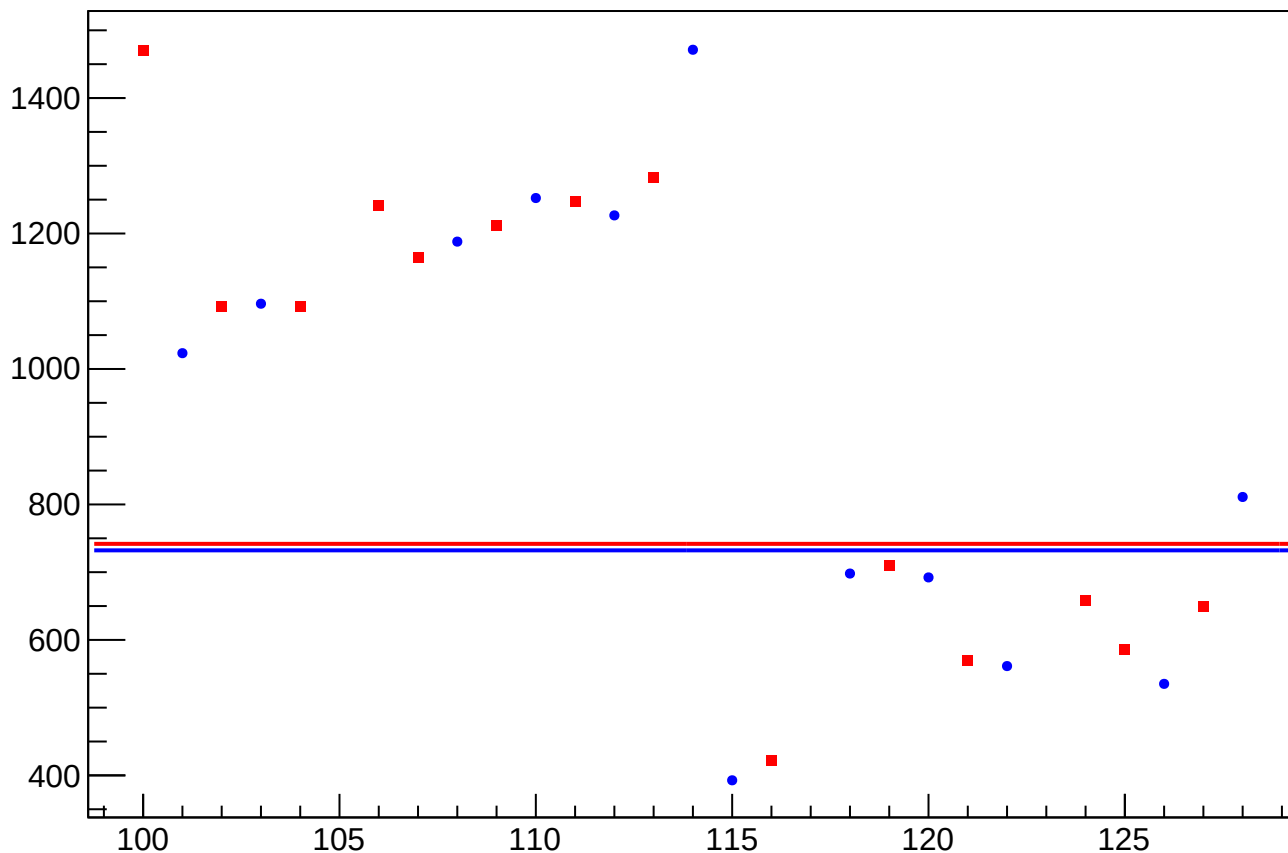
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -375.672 ± 244.091 χ^2/NDF : 20.8/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_cor_correction_rms vs Slug



Right In: 732.224+/-0.247 χ^2/NDF : 1115330.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 741.825+/-0.241 χ^2/NDF : 1346051.5/13

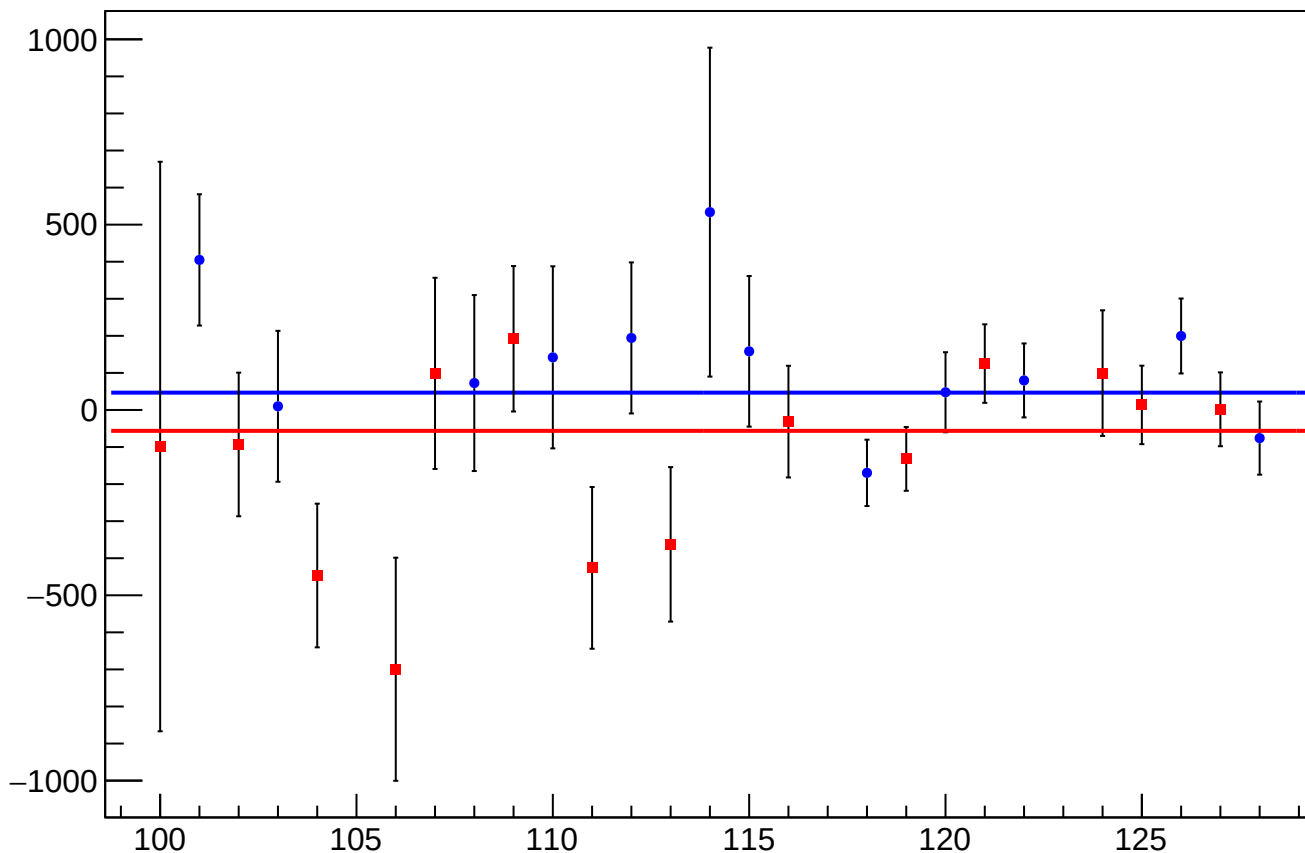
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 737.131+/-0.173 χ^2/NDF : 2462154.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1526_avg_mean vs Slug



Right In: 46.782 ± 39.063 χ^2/NDF : 16.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -56.349 ± 39.399 χ^2/NDF : 21.0/13

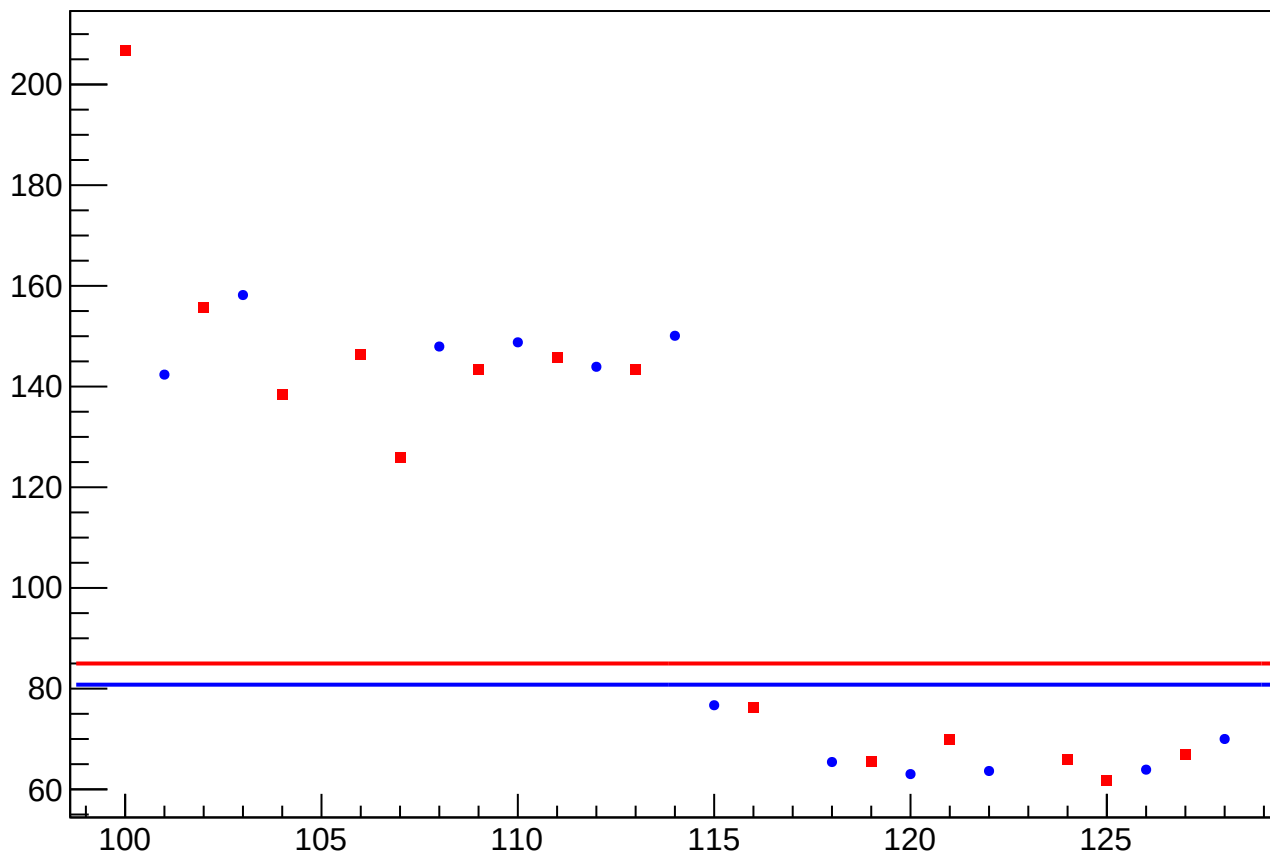
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.342 ± 27.740 χ^2/NDF : 40.6/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1526_avg_rms vs Slug



Right In: 80.789+/-0.028 χ^2/NDF : 1337417.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.994+/-0.028 χ^2/NDF : 1427928.8/13

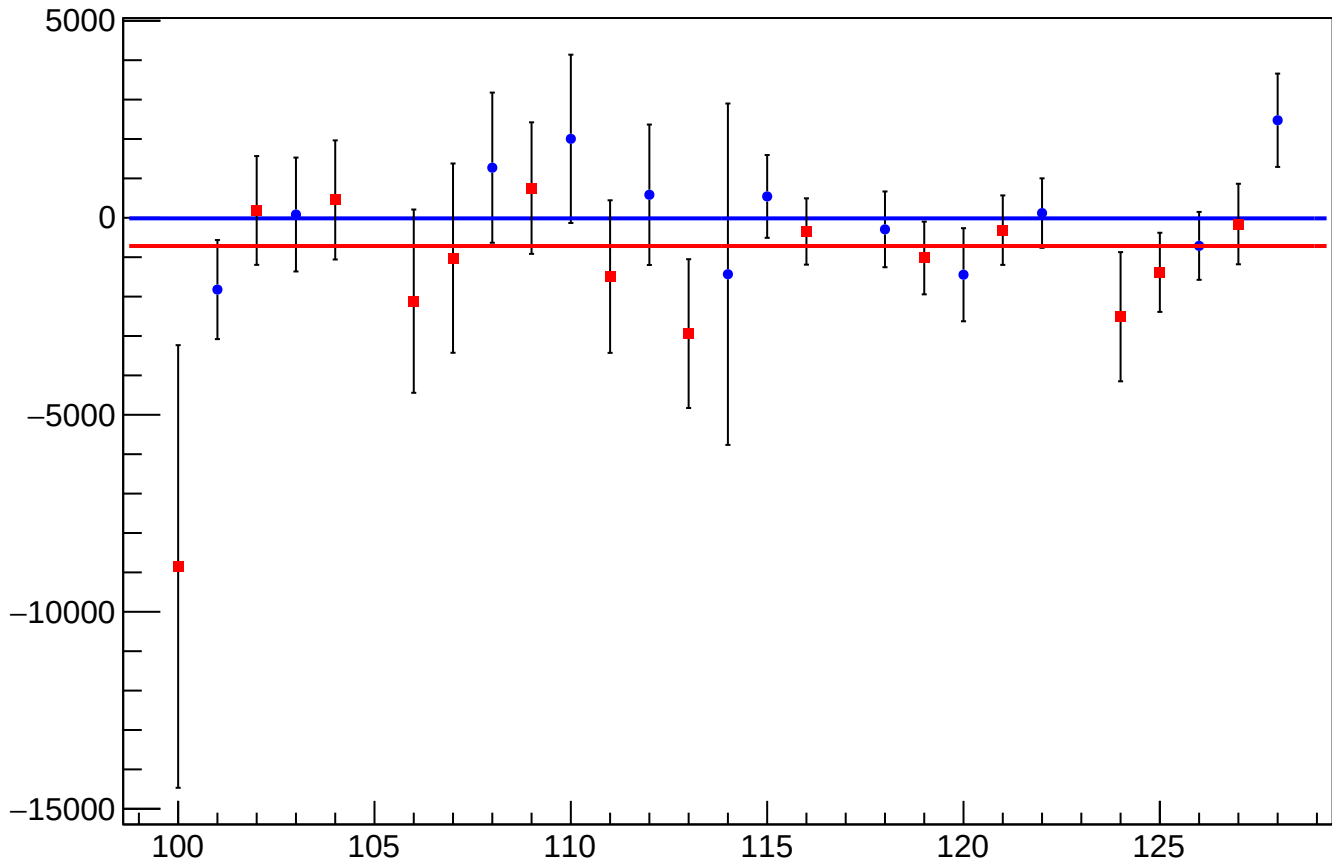
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.873+/-0.020 χ^2/NDF : 2776835.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_dit_correction_mean vs Slug



Right In: -14.376 ± 353.058 χ^2/NDF : 10.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -716.310 ± 343.939 χ^2/NDF : 8.3/13

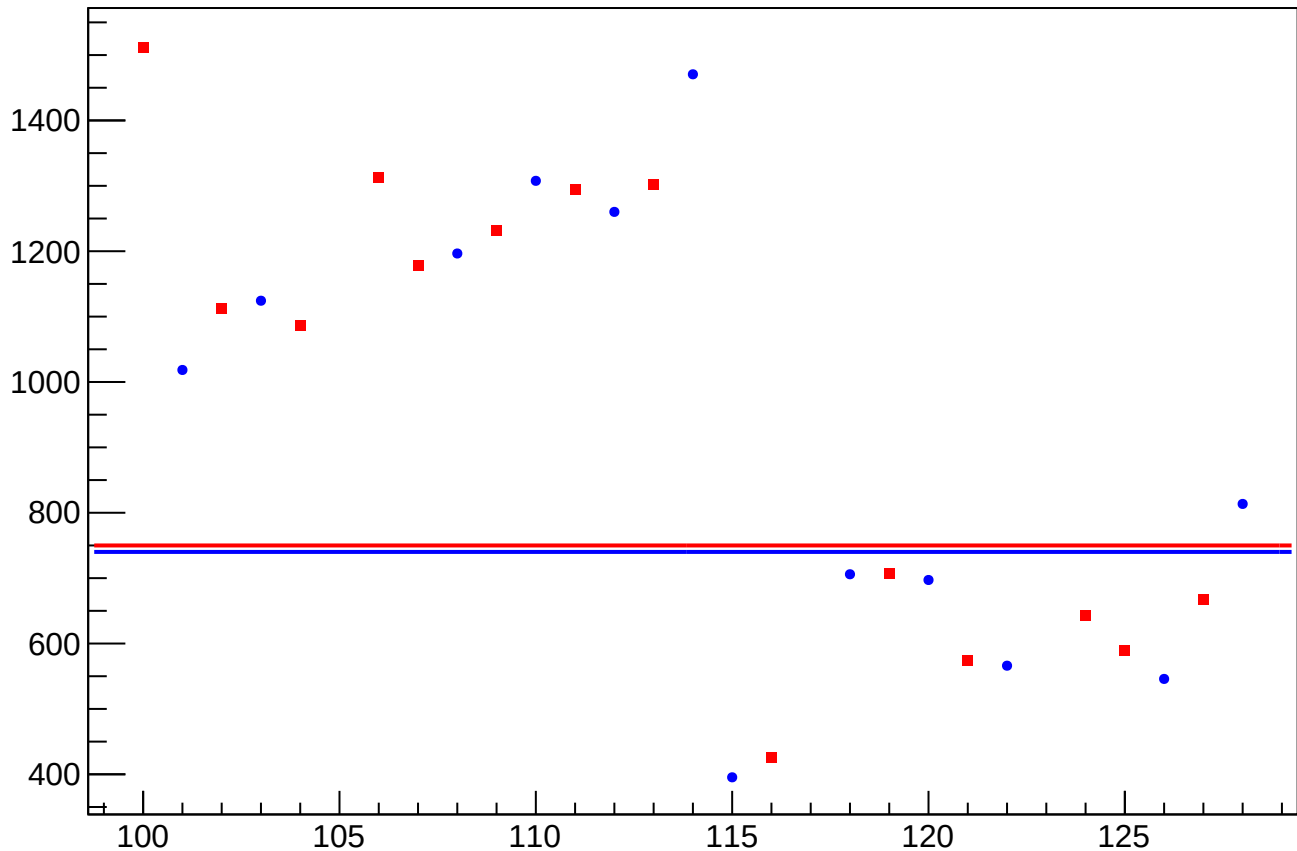
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -374.526 ± 246.362 χ^2/NDF : 20.9/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_dit_correction_rms vs Slug



Right In: 740.107+/-0.250 χ^2/NDF : 1129863.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 749.987+/-0.243 χ^2/NDF : 1404887.7/13

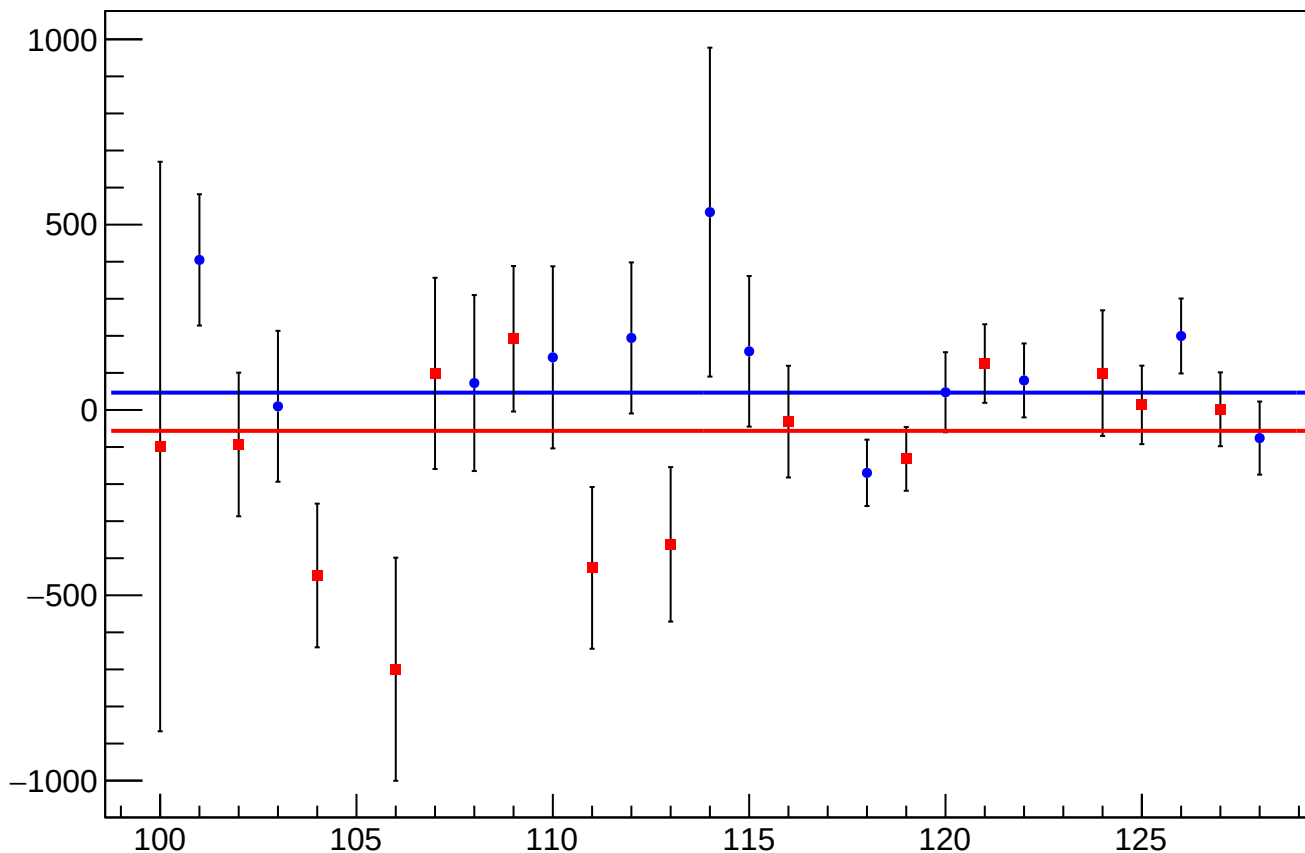
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 745.176+/-0.174 χ^2/NDF : 2535554.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1526_avg_mean vs Slug



Right In: 46.783 $\pm$ 39.063 χ^2 /NDF: 16.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -56.349 $\pm$ 39.399 χ^2 /NDF: 21.0/13

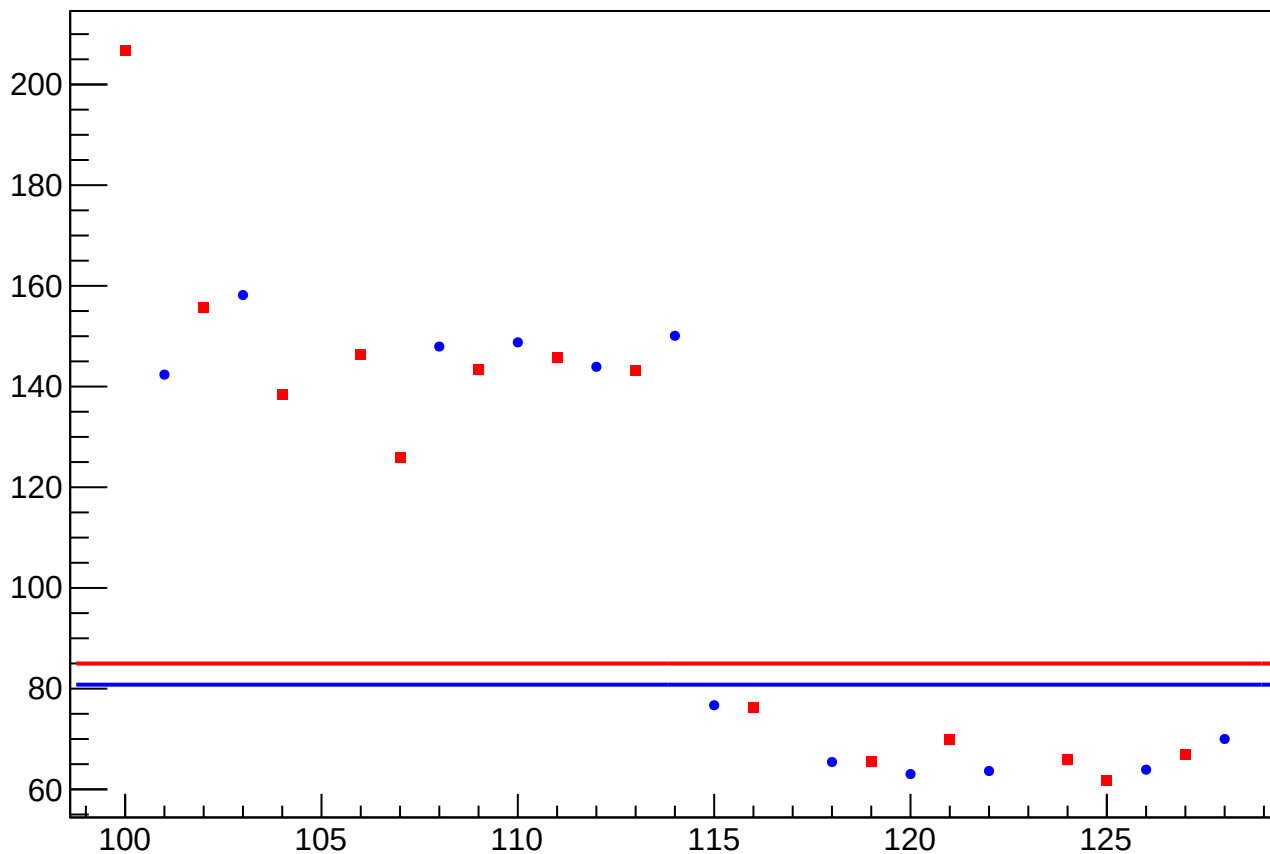
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4.341 $\pm$ 27.740 χ^2 /NDF: 40.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_1526_avg_rms vs Slug



Right In: 80.789+/-0.028 χ^2/NDF : 1337409.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.994+/-0.028 χ^2/NDF : 1427920.5/13

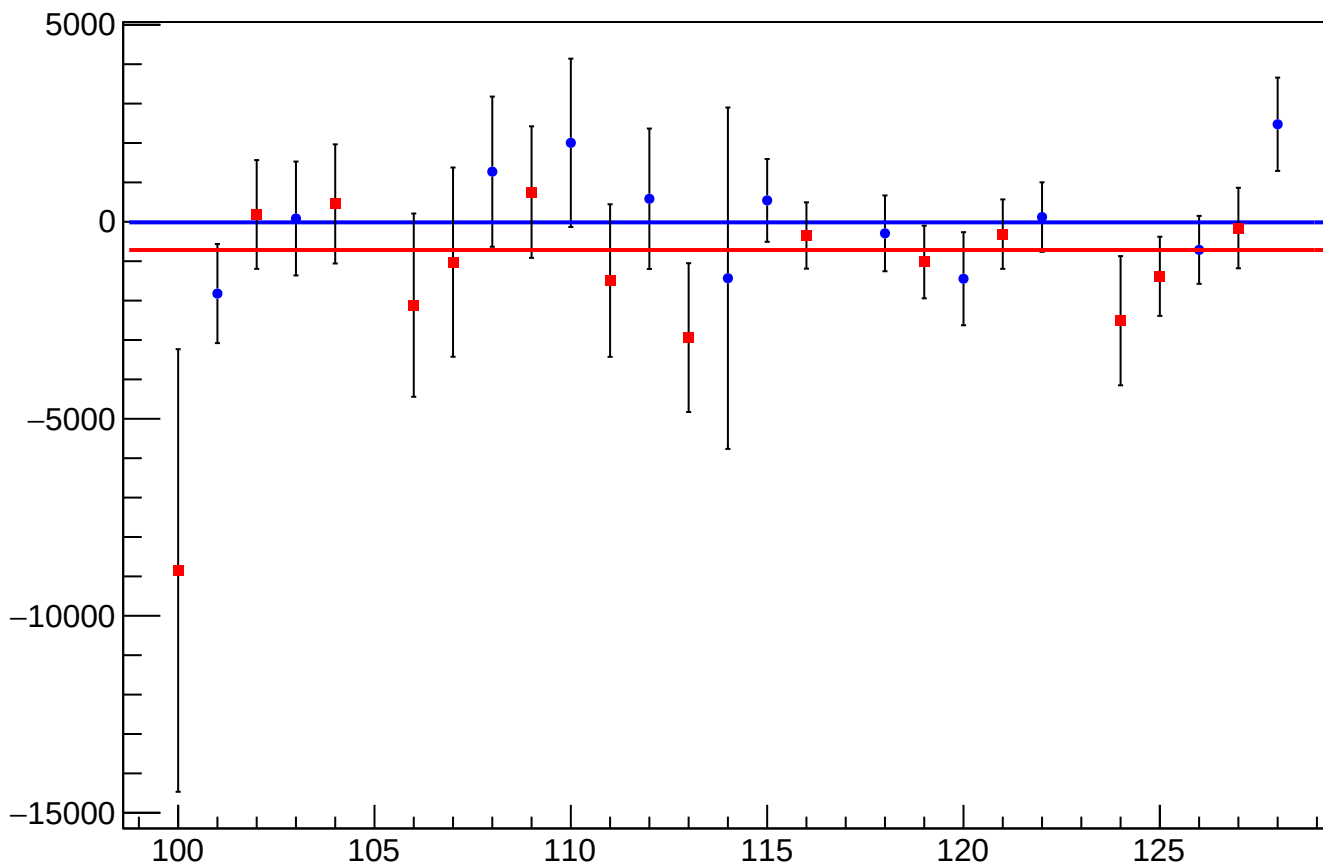
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.873+/-0.020 χ^2/NDF : 2776819.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_dit_correction_mean vs Slug



Right In: -14.374 $\pm$ 353.057 χ^2 /NDF: 10.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -716.310 $\pm$ 343.938 χ^2 /NDF: 8.3/13

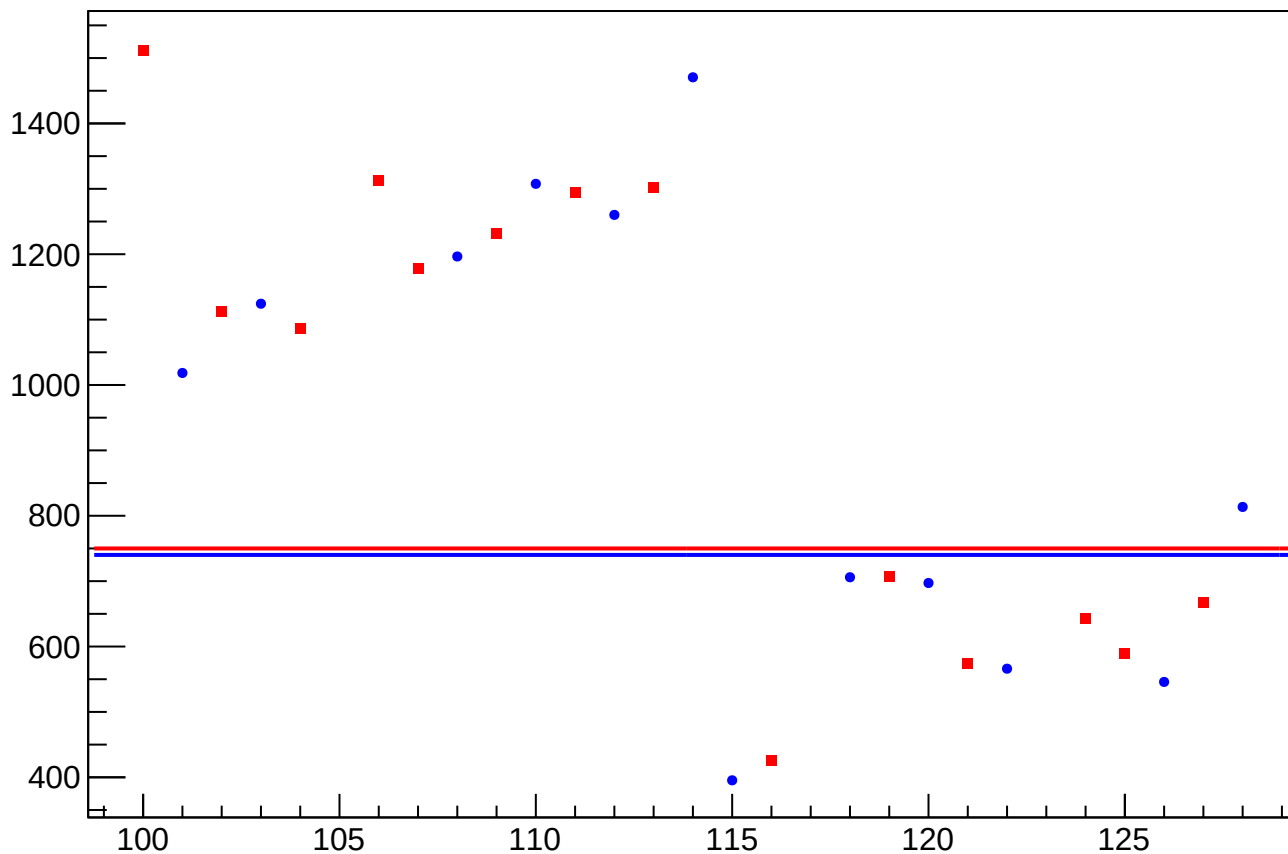
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -374.524 $\pm$ 246.362 χ^2 /NDF: 20.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_dit_correction_rms vs Slug



Right In: 740.107+/-0.250 χ^2/NDF : 1129849.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 749.986+/-0.243 χ^2/NDF : 1404874.2/13

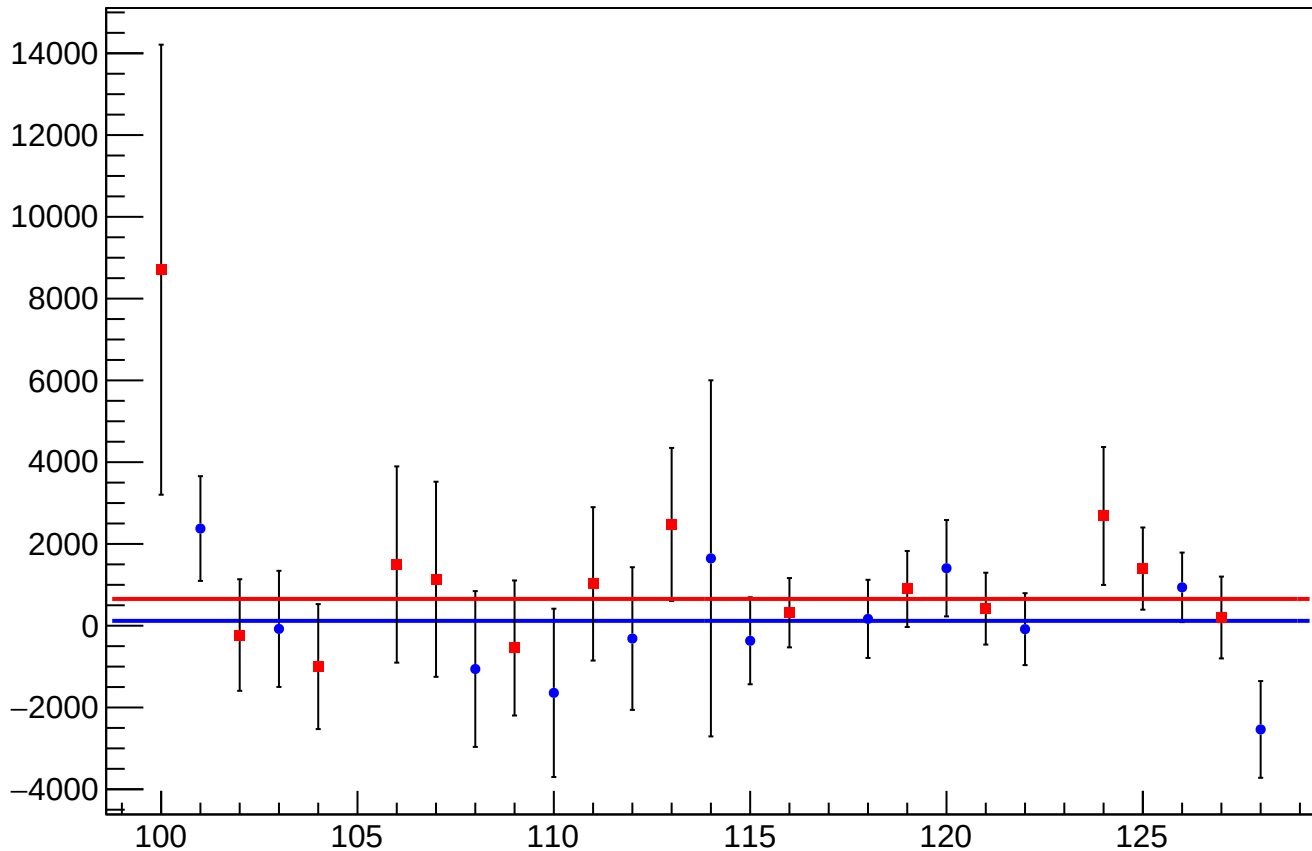
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 745.176+/-0.174 χ^2/NDF : 2535527.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_mean vs Slug



Right In: 118.820 $\pm$ 351.611 χ^2 /NDF: 11.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 654.775 $\pm$ 343.635 χ^2 /NDF: 7.9/13

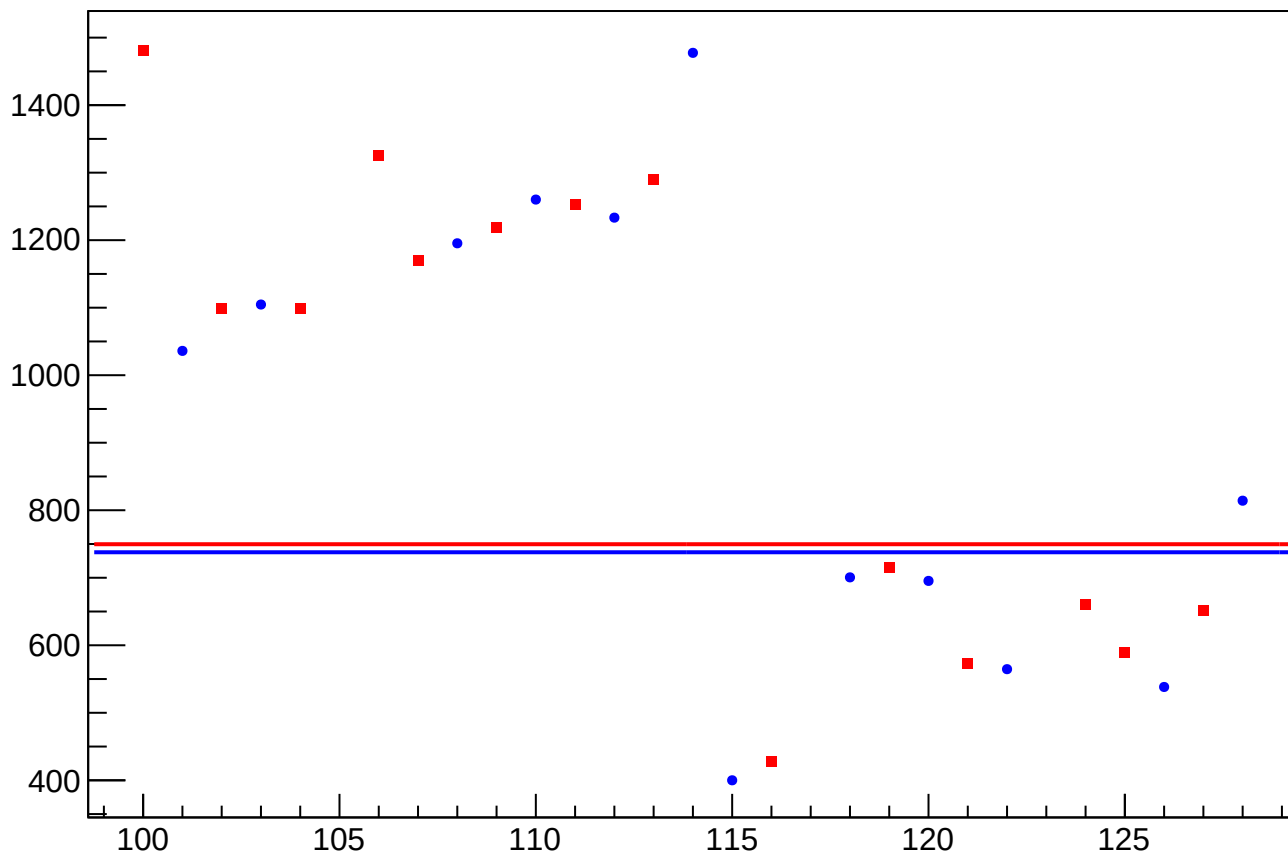
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 392.945 $\pm$ 245.758 χ^2 /NDF: 21.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_rms vs Slug



Right In: 737.762+/-0.249 χ^2/NDF : 1108546.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 749.676+/-0.243 χ^2/NDF : 1367819.6/13

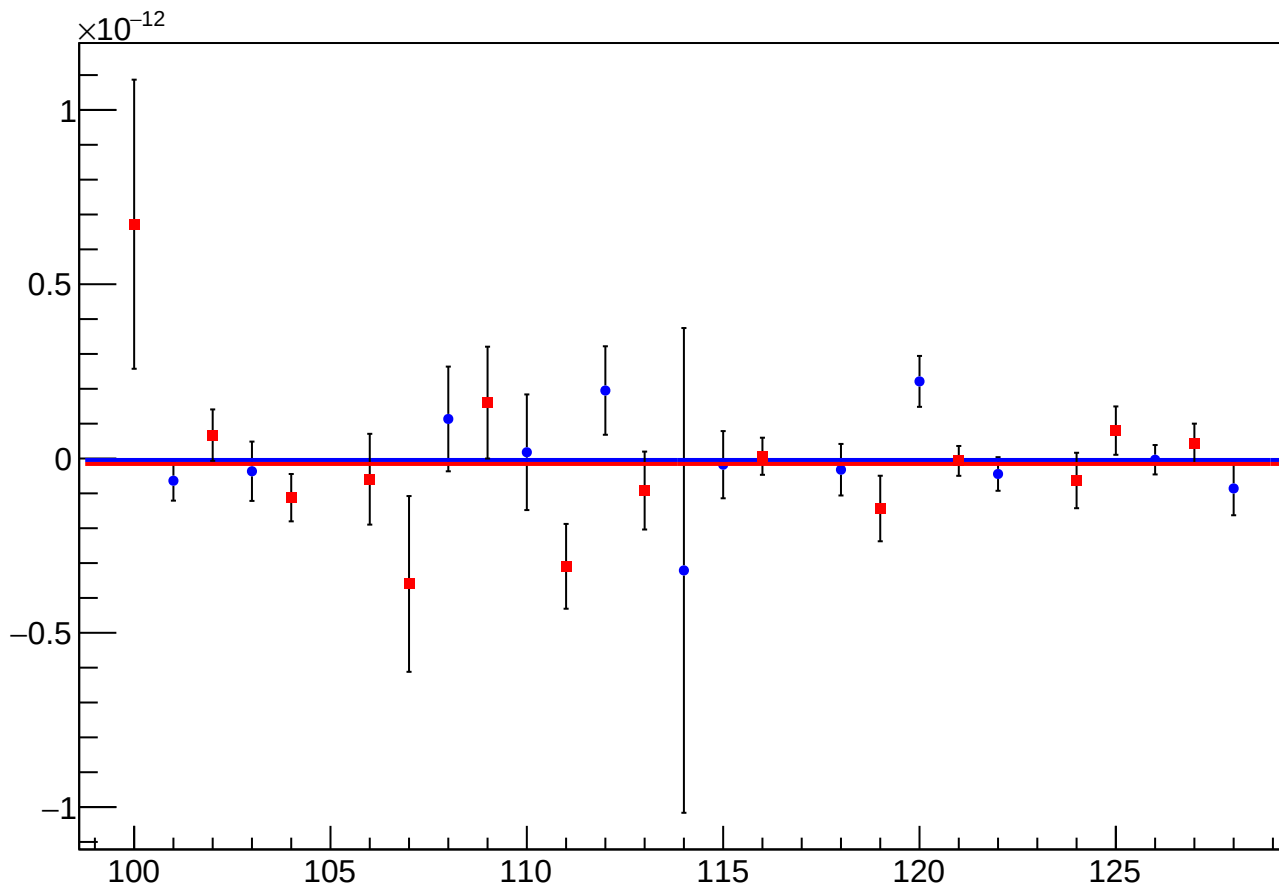
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 743.856+/-0.174 χ^2/NDF : 2477541.0/25

- 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 : 16.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 20.9/13

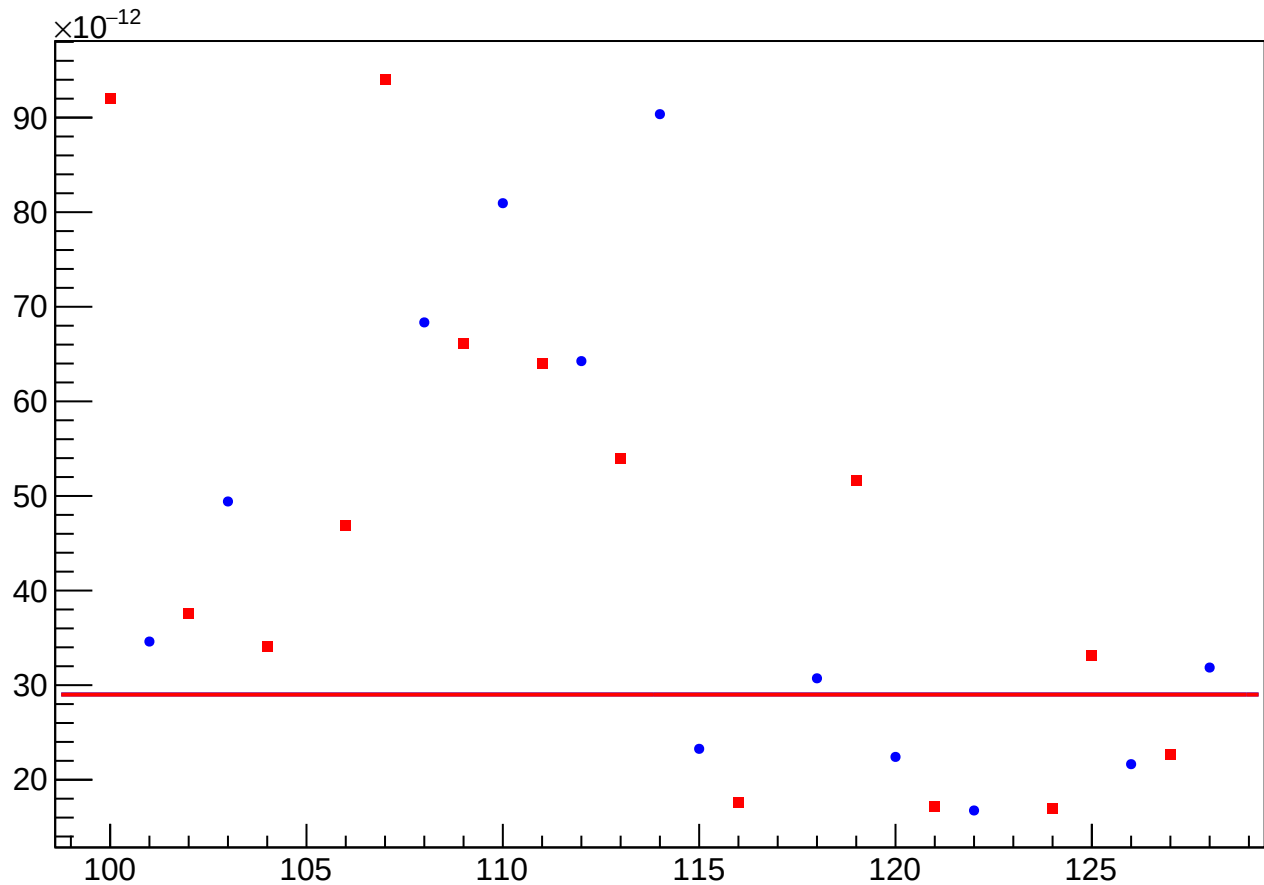
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 37.1/25

- 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 : 854638.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1065548.0/13

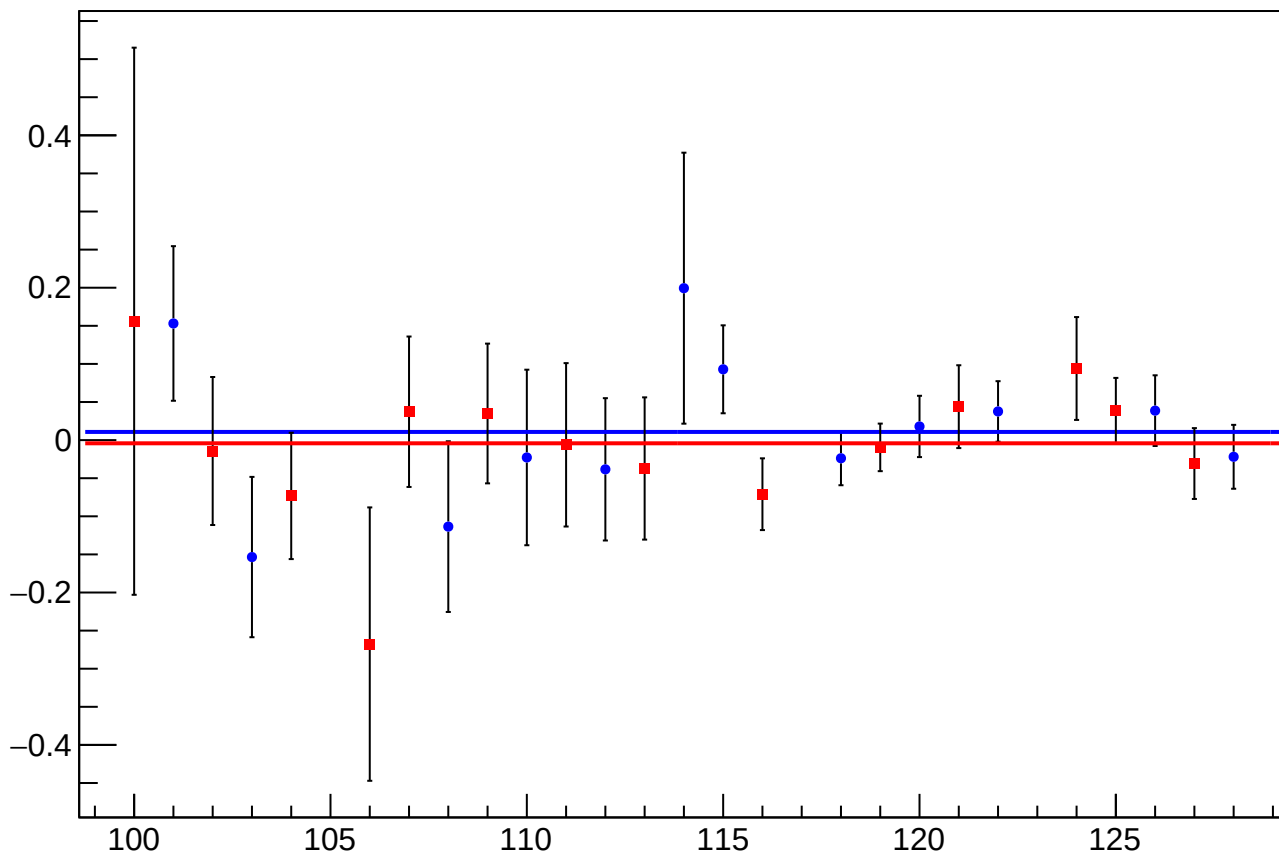
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1920186.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.011 $\pm$ 0.016 χ^2/NDF : 11.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.004 $\pm$ 0.016 χ^2/NDF : 9.8/13

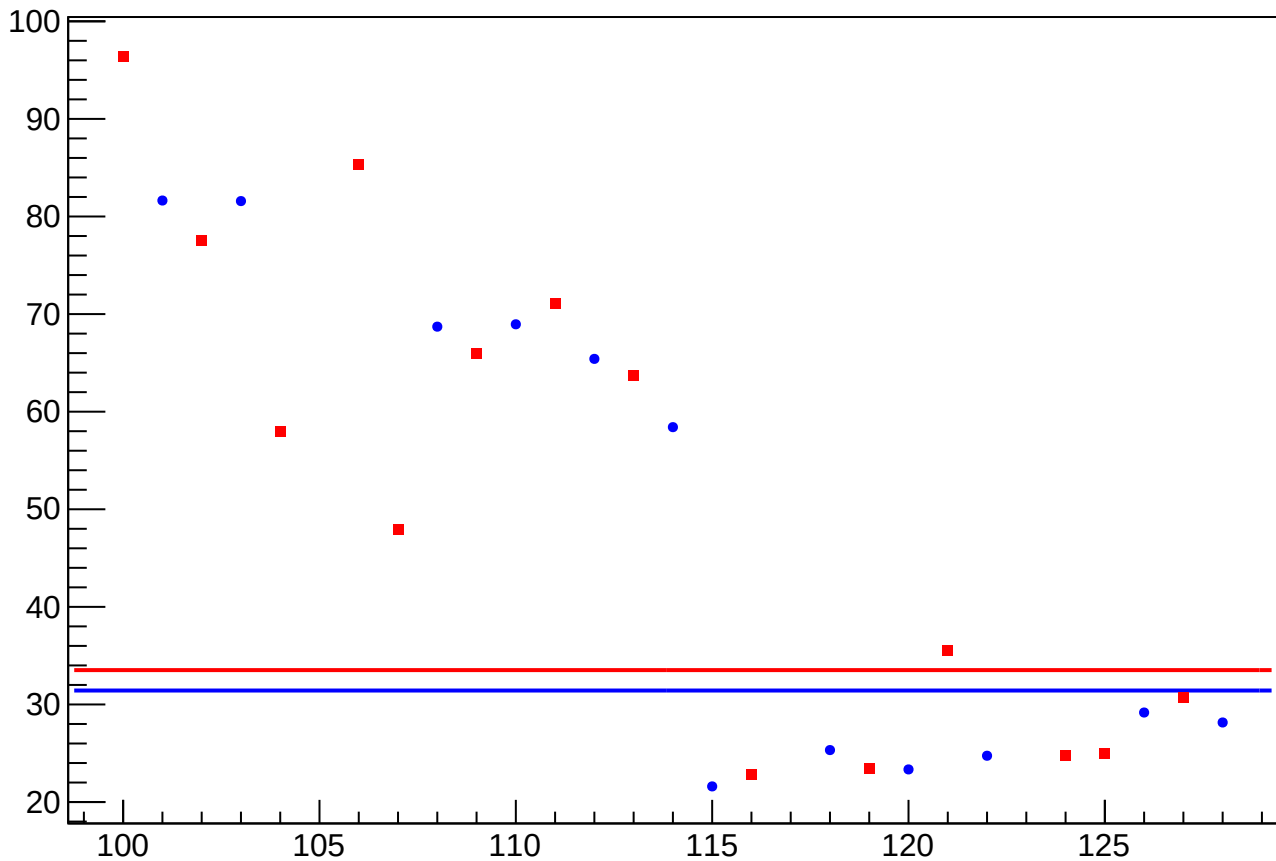
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.003 $\pm$ 0.011 χ^2/NDF : 21.8/25

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_dit_vs_cor_diff_rms vs Slug



Right In: 31.429+/-0.011 χ^2/NDF : 1960800.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.520+/-0.012 χ^2/NDF : 1995564.6/13

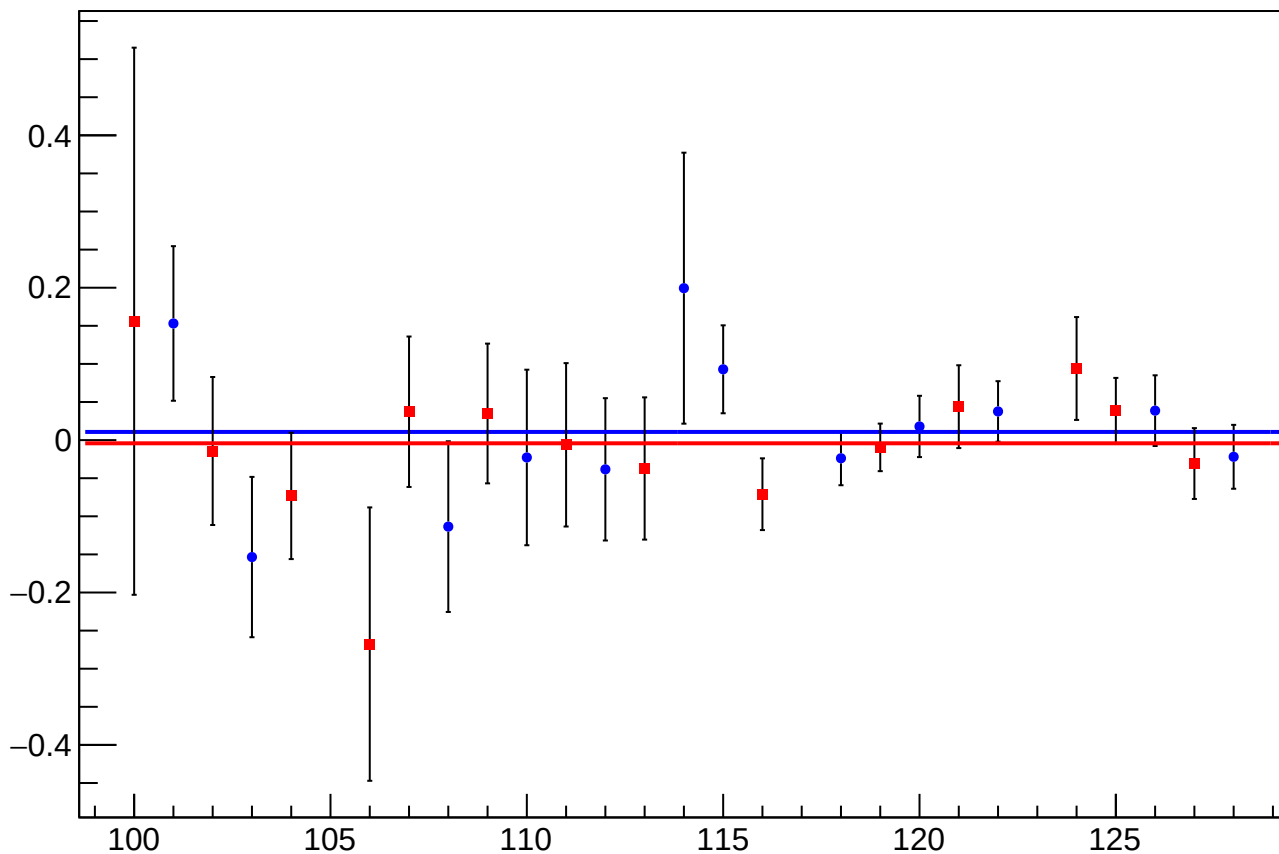
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.458+/-0.008 χ^2/NDF : 3973039.5/25

- 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: 0.011 $\pm$ 0.016 χ^2 /NDF: 11.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.016 χ^2 /NDF: 9.8/13

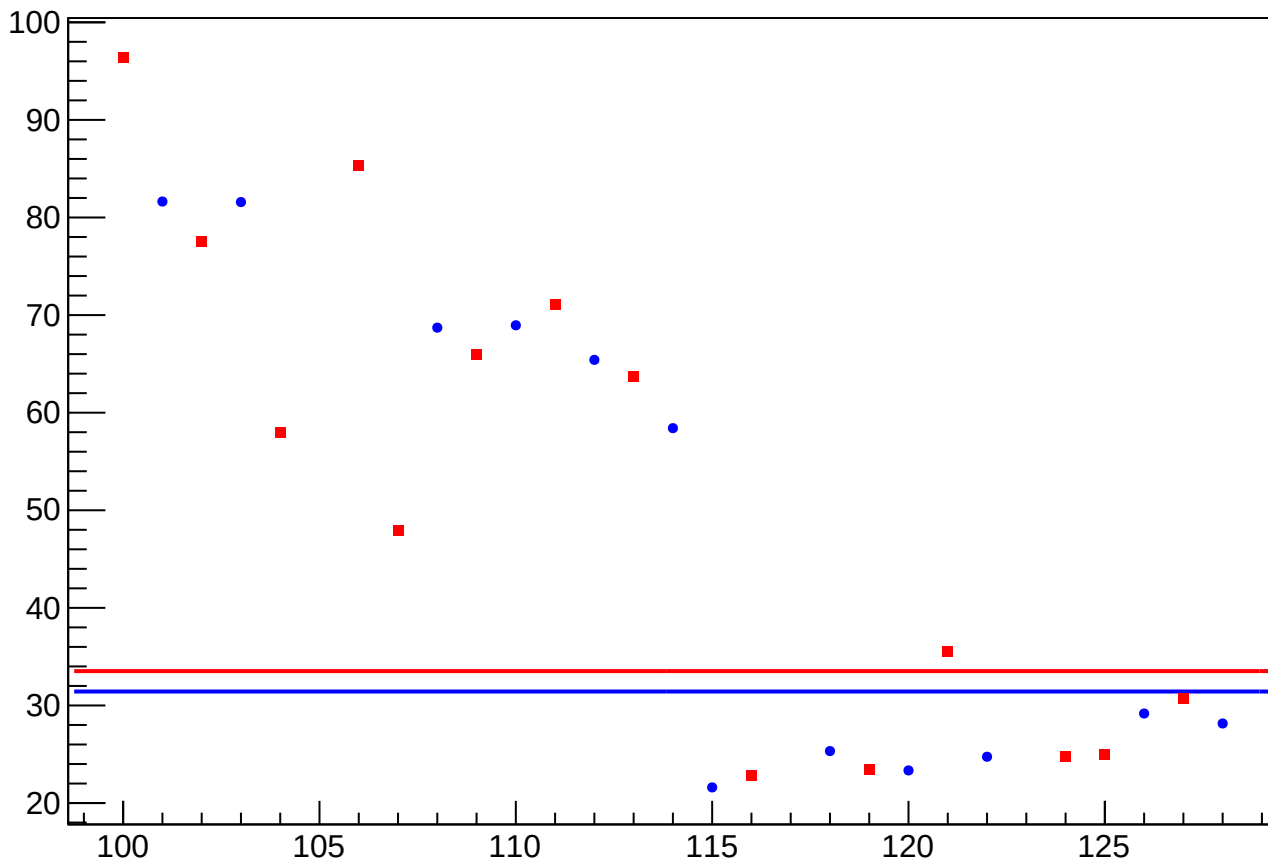
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.011 χ^2 /NDF: 21.8/25

- 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: 31.429+/-0.011 χ^2/NDF : 1960800.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.520+/-0.012 χ^2/NDF : 1995564.6/13

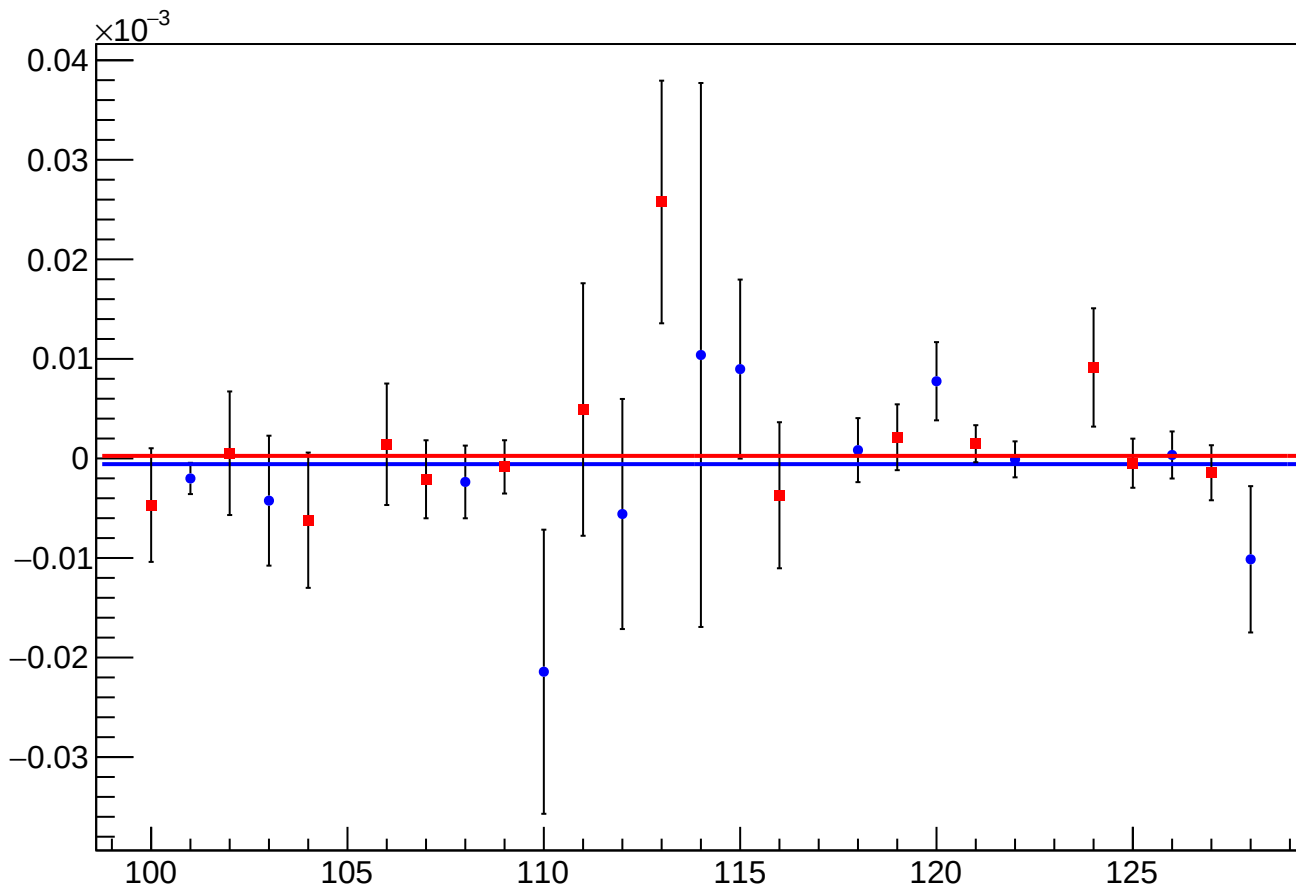
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.458+/-0.008 χ^2/NDF : 3973039.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.5/13

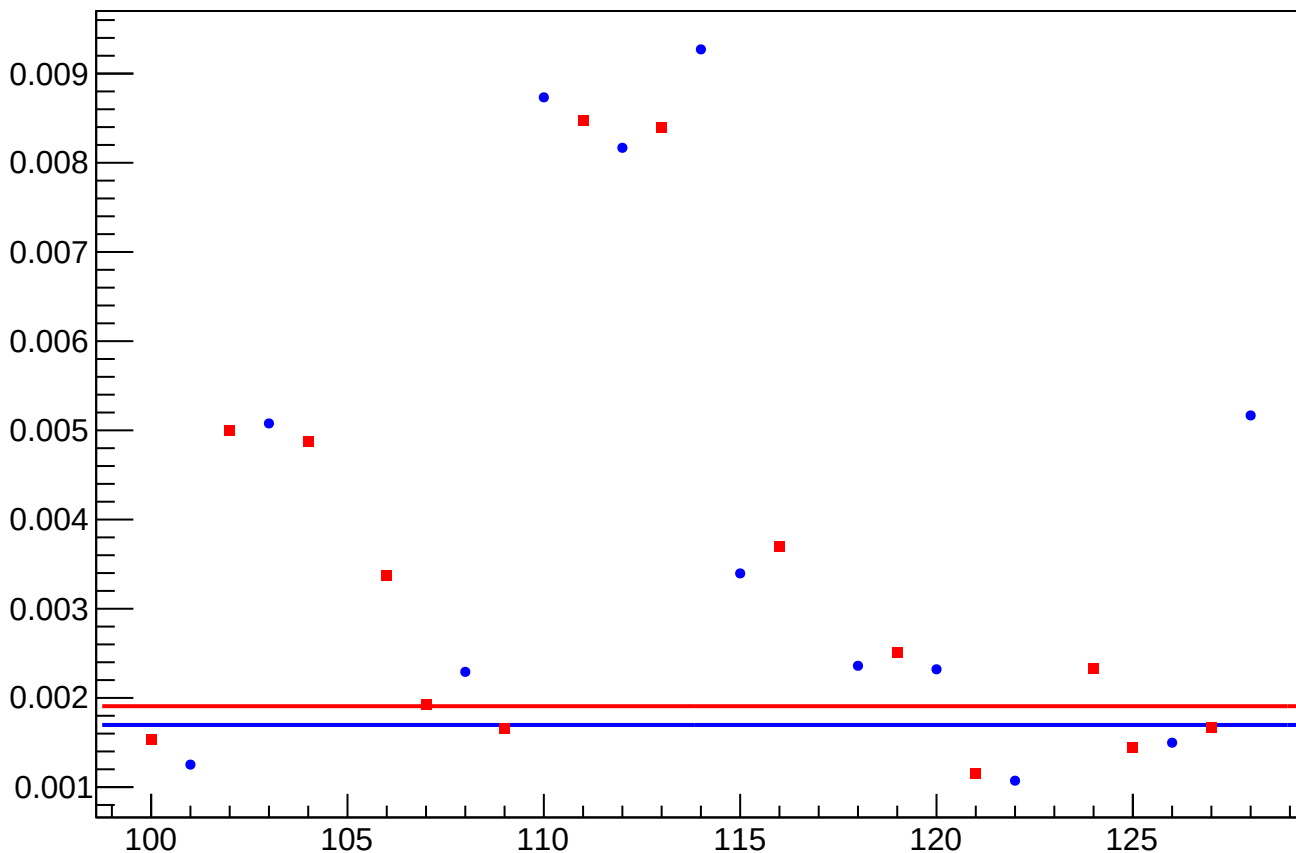
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 2922894.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 2729046.4/13

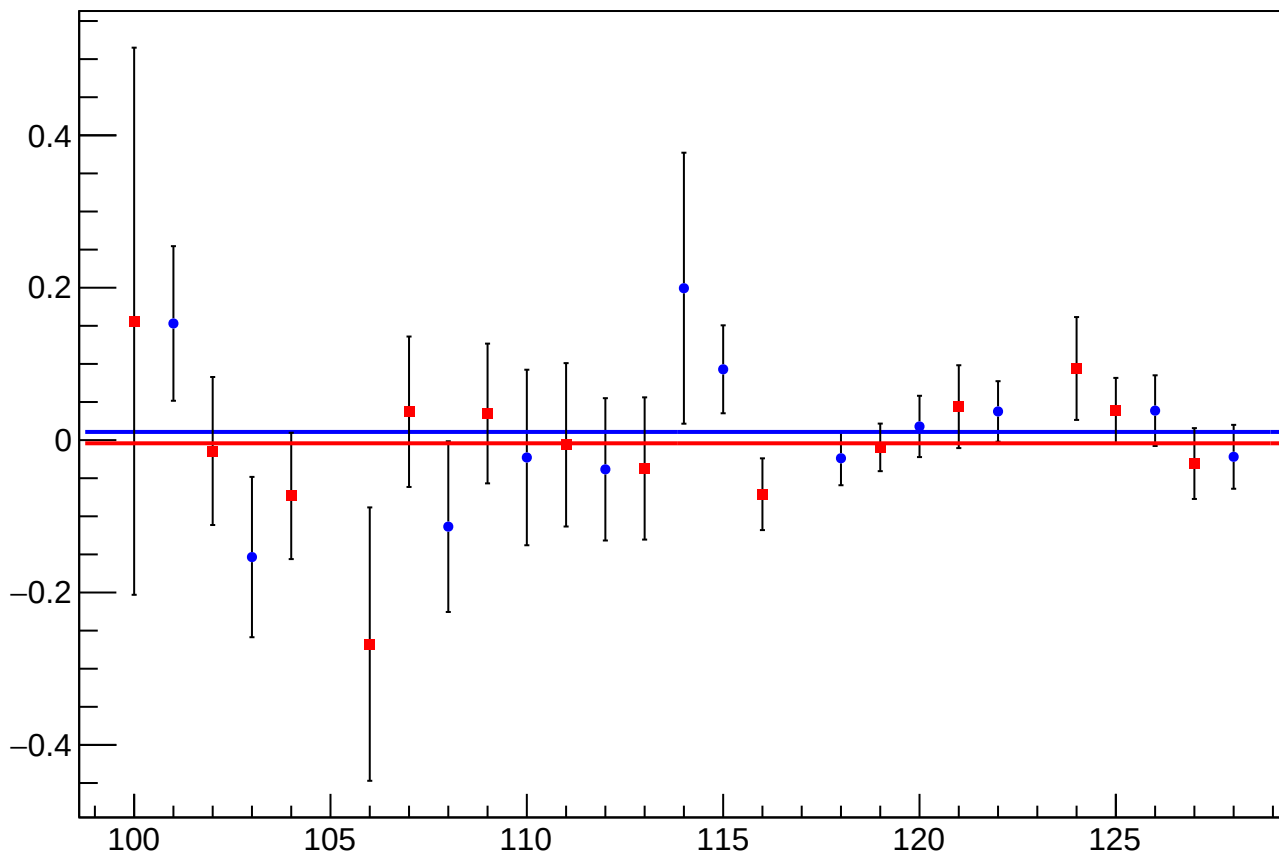
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 5701260.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.011 $\pm$ 0.016 χ^2 /NDF: 11.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.016 χ^2 /NDF: 9.8/13

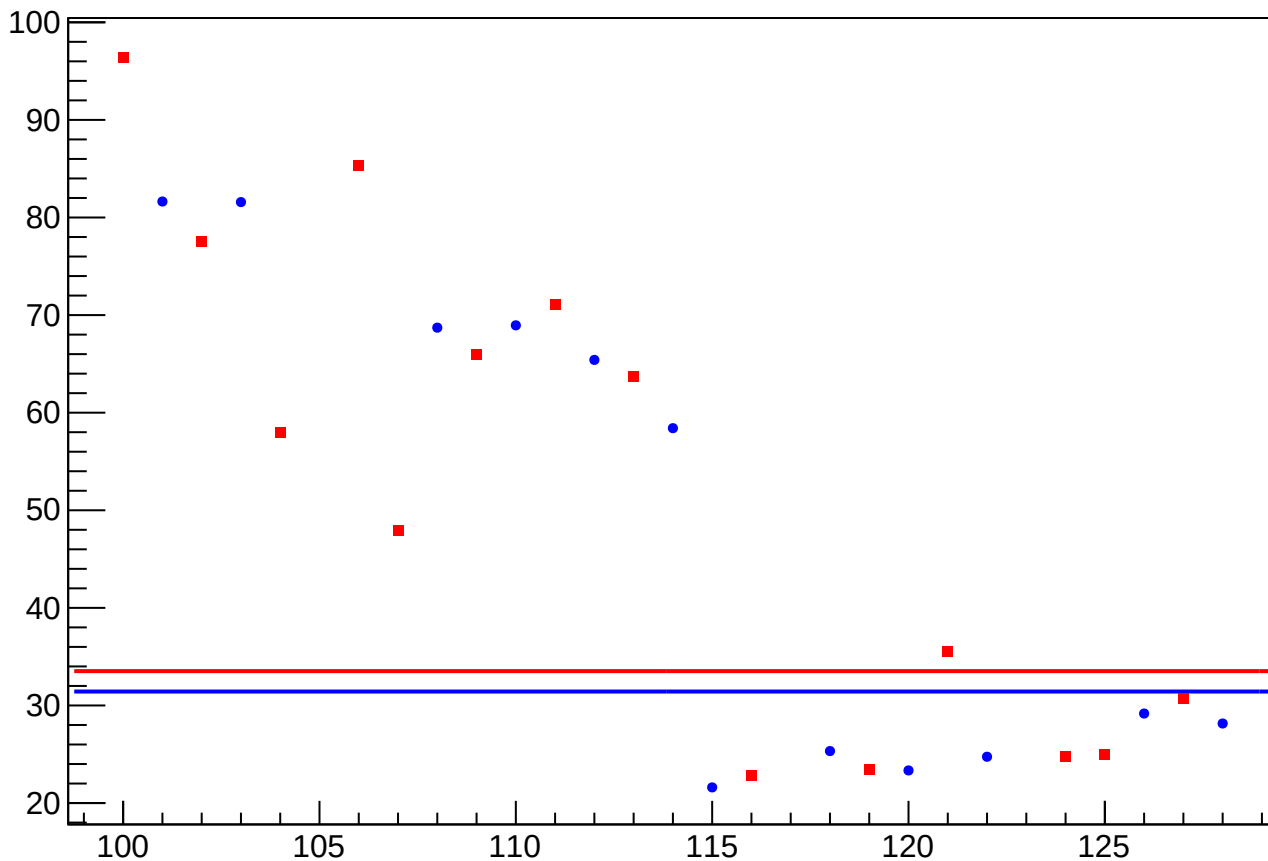
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.011 χ^2 /NDF: 21.8/25

- 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: 31.429+/-0.011 χ^2/NDF : 1960741.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.520+/-0.012 χ^2/NDF : 1995504.2/13

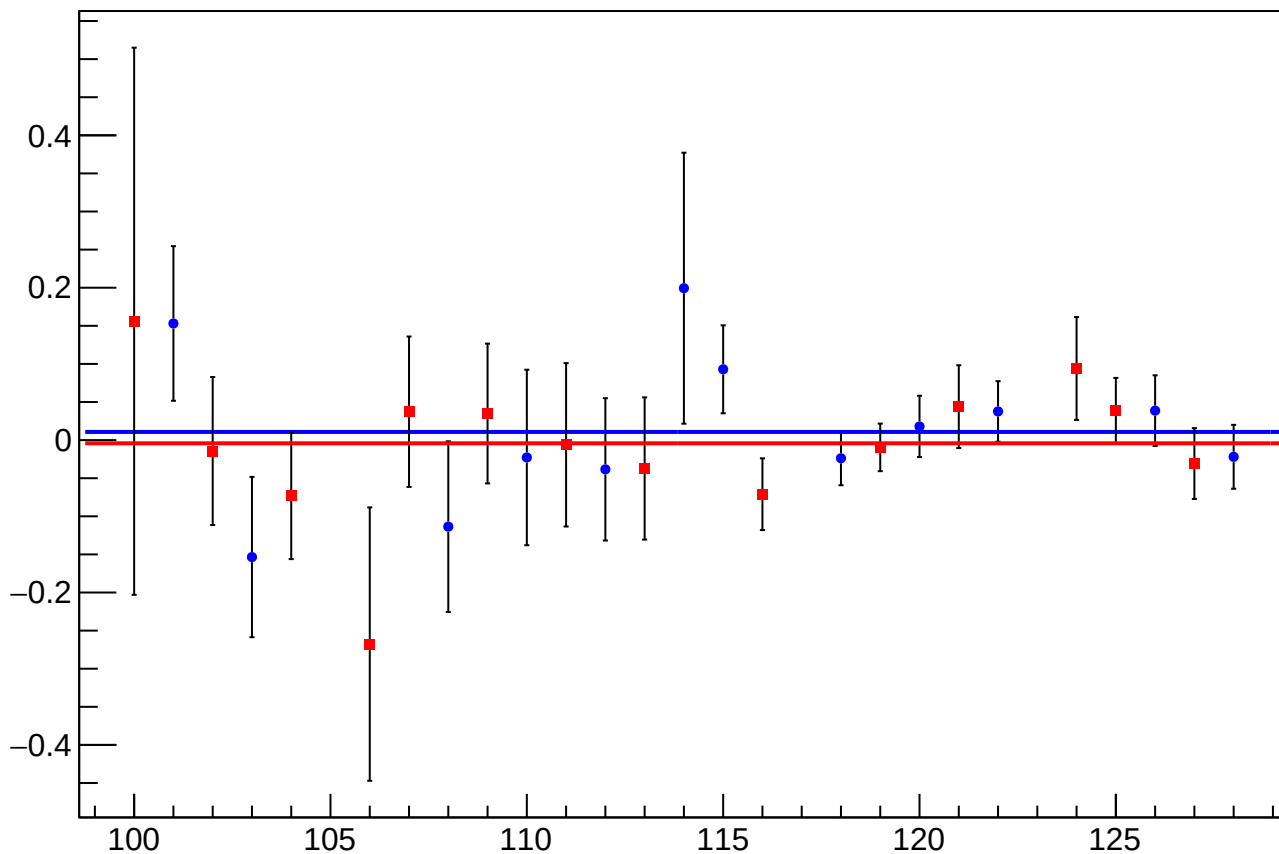
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.458+/-0.008 χ^2/NDF : 3972918.5/25

- 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: 0.011+/-0.016 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.004+/-0.016 χ^2/NDF : 9.8/13

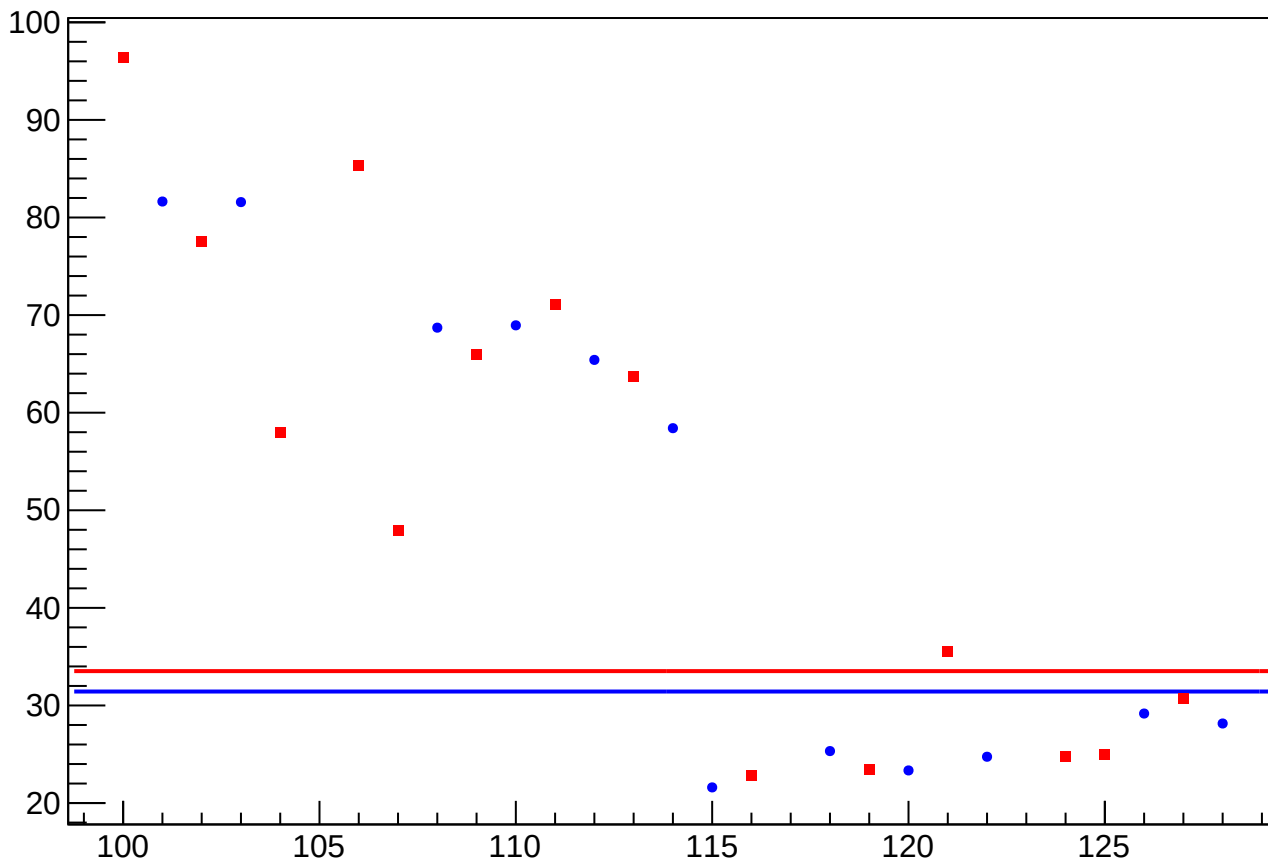
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.011 χ^2/NDF : 21.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 31.429+/-0.011 χ^2/NDF : 1960741.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.520+/-0.012 χ^2/NDF : 1995504.2/13

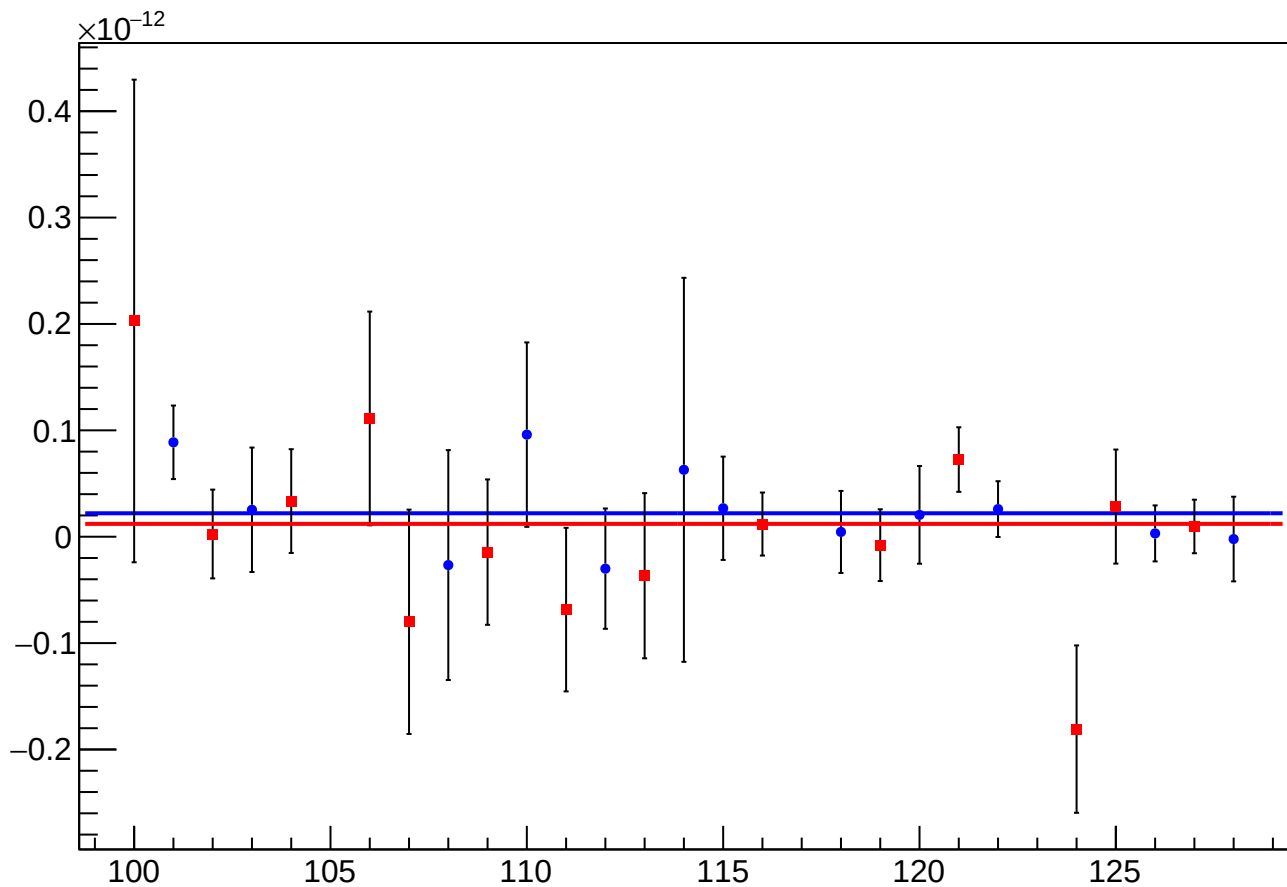
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.458+/-0.008 χ^2/NDF : 3972918.5/25

- 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 : 6.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 14.8/13

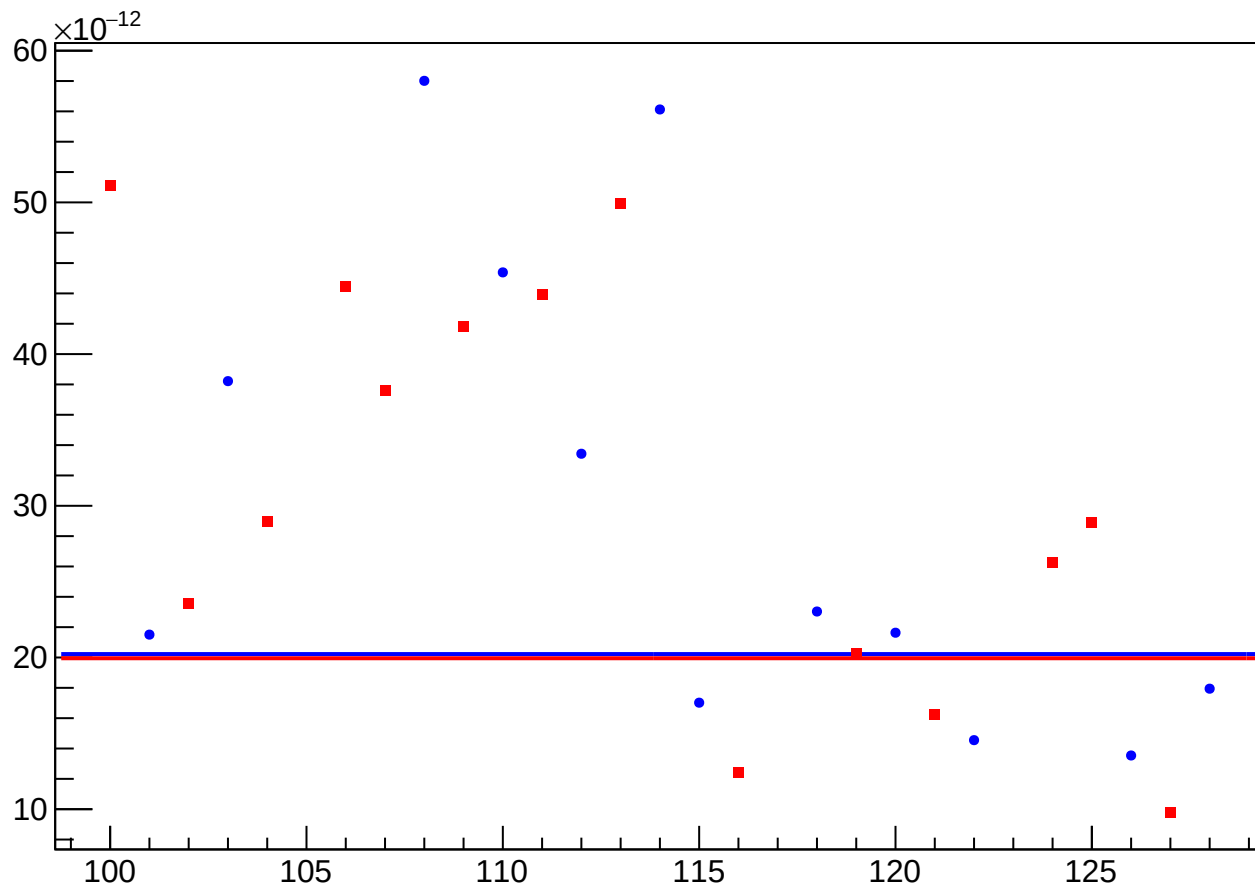
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 21.8/25

- 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 : 1043808.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1549542.9/13

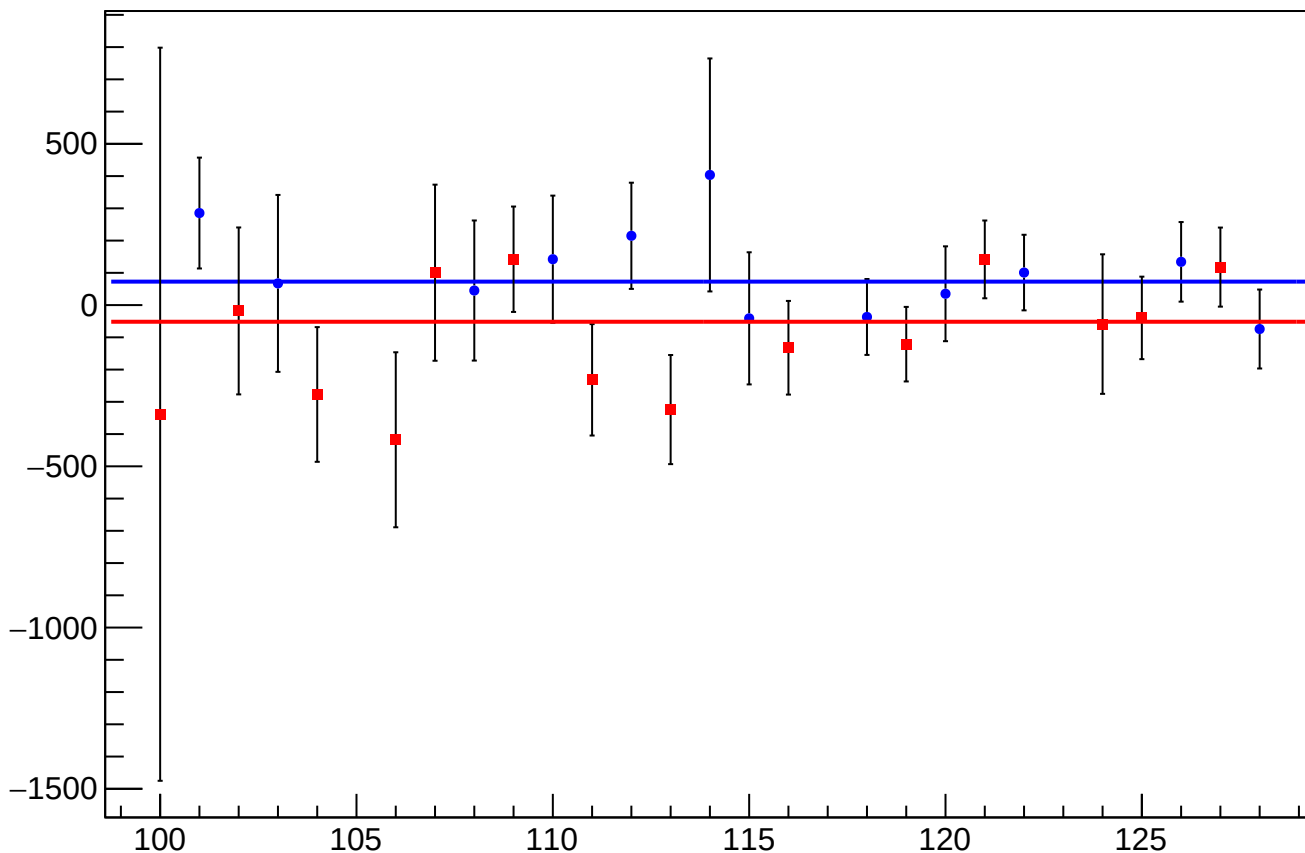
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2593872.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_mean vs Slug



Right In: 72.760 $\pm$ 45.360 χ^2 /NDF: 6.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -51.671 $\pm$ 44.216 χ^2 /NDF: 13.6/13

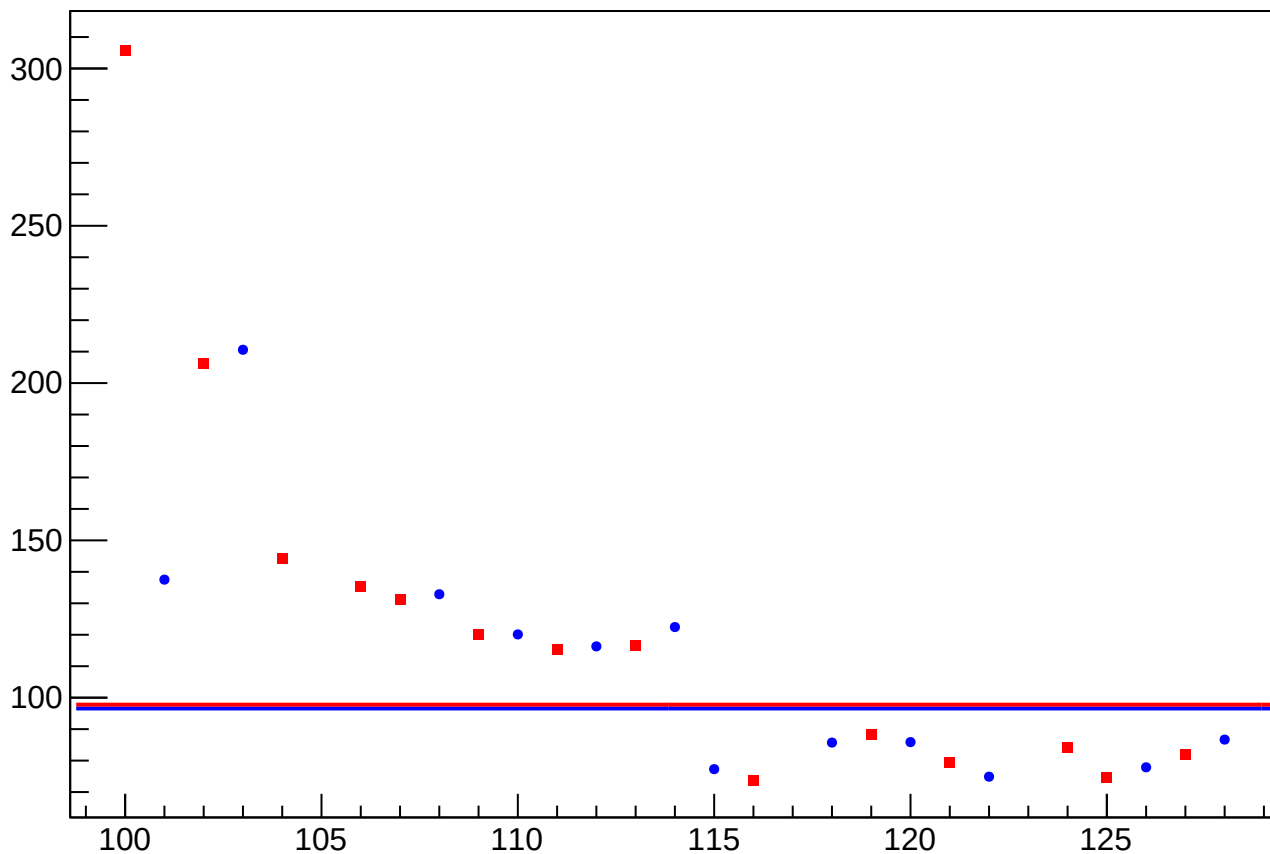
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.955 $\pm$ 31.662 χ^2 /NDF: 23.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3726_avg_rms vs Slug



Right In: 96.566+/-0.032 χ^2/NDF : 755173.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.778+/-0.031 χ^2/NDF : 889911.9/13

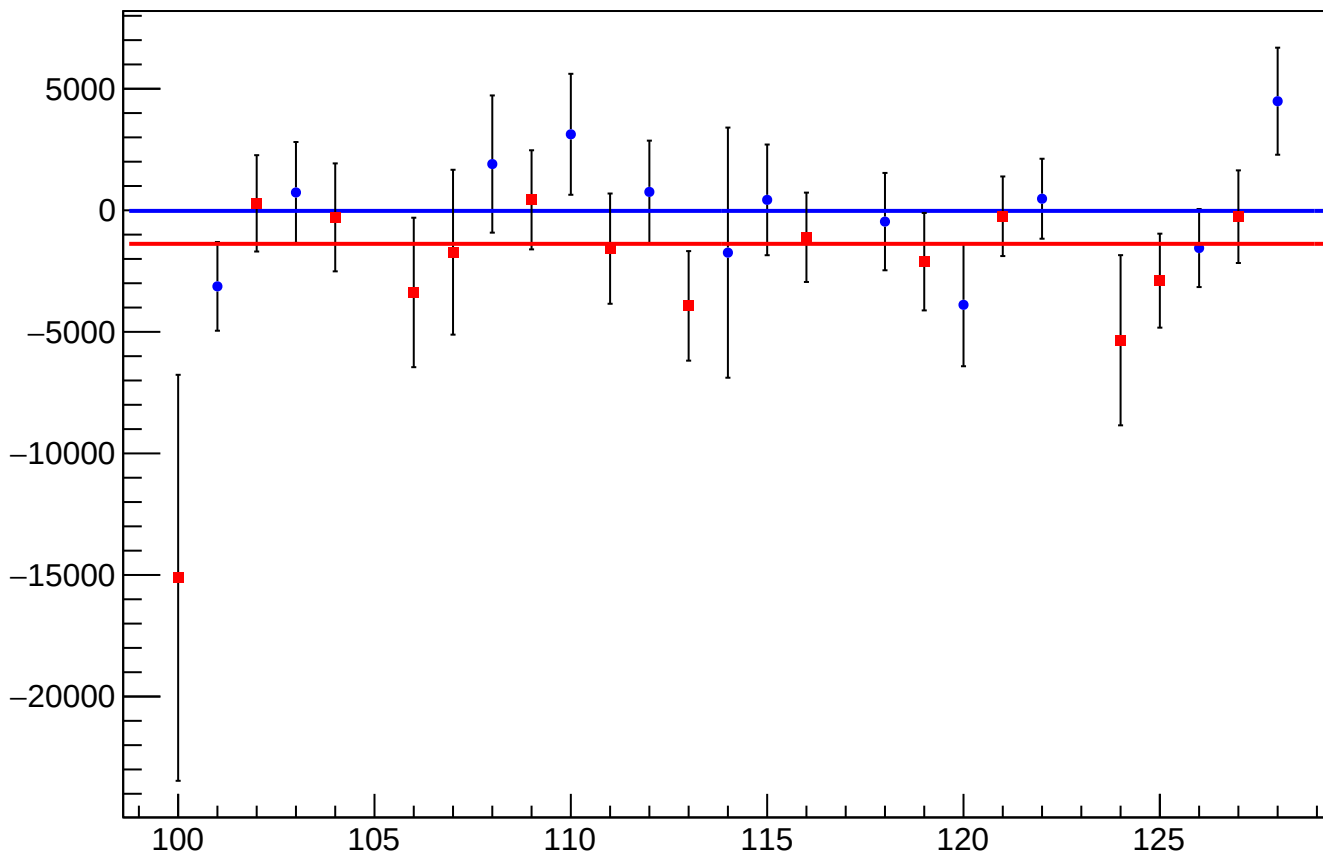
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.187+/-0.022 χ^2/NDF : 1645817.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_reg_correction_mean vs Slug



Right In: -23.843 ± 614.872 χ^2/NDF : 13.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1379.148 ± 593.422 χ^2/NDF : 9.0/13

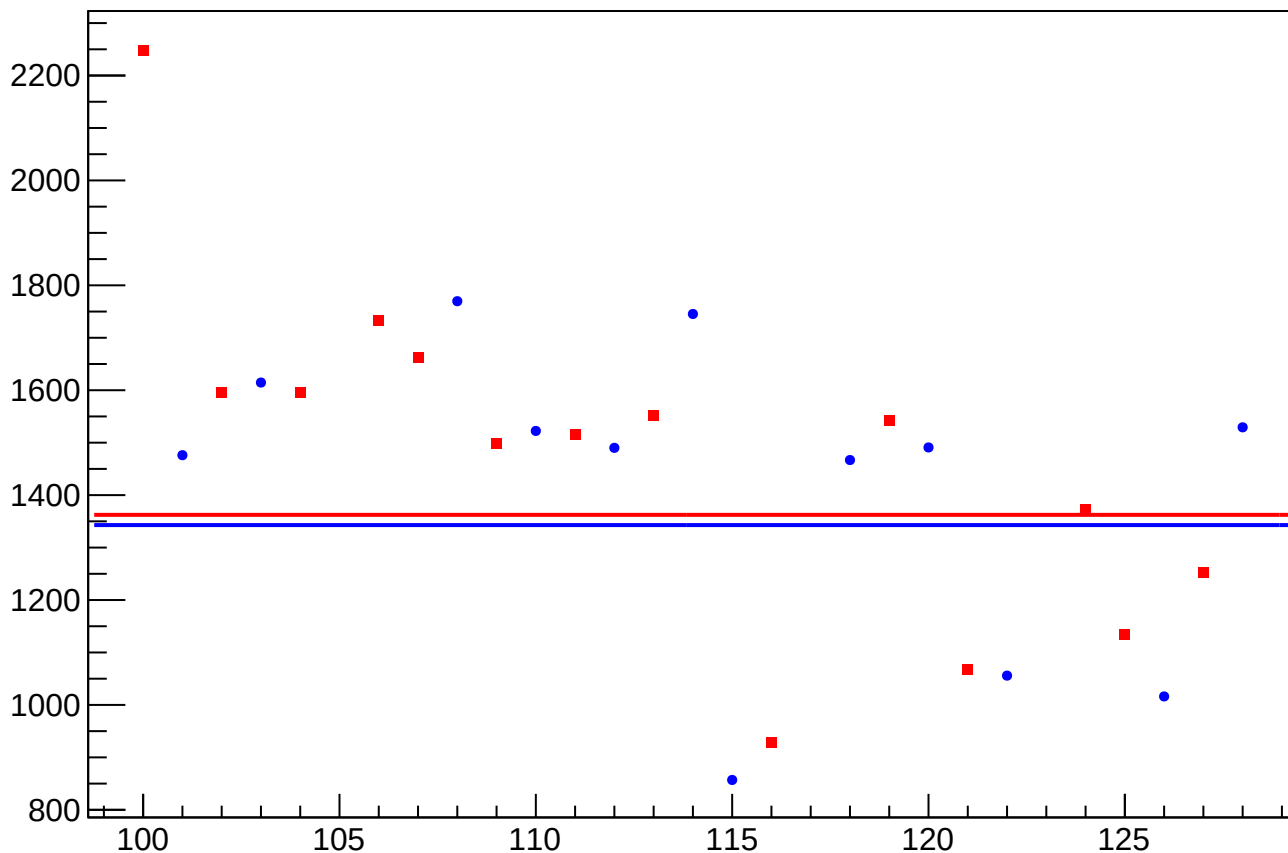
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -725.548 ± 426.995 χ^2/NDF : 24.5/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_reg_correction_rms vs Slug



Right In: 1342.878+/-0.435 χ^2/NDF : 386827.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1362.380+/-0.420 χ^2/NDF : 376829.3/13

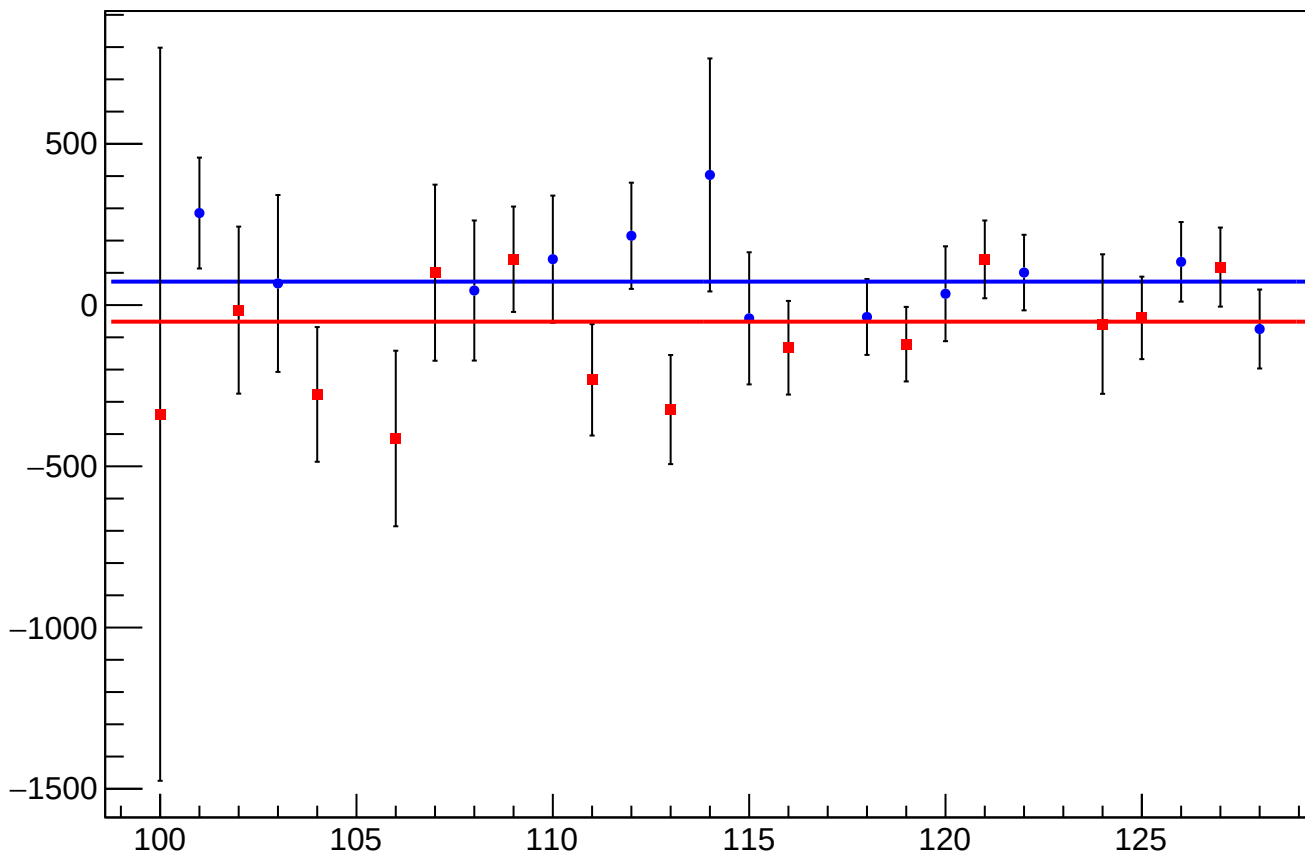
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1352.975+/-0.302 χ^2/NDF : 764698.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_3726_avg_mean vs Slug



Right In: 72.753+/-45.360 χ^2/NDF : 6.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -51.427+/-44.220 χ^2/NDF : 13.6/13

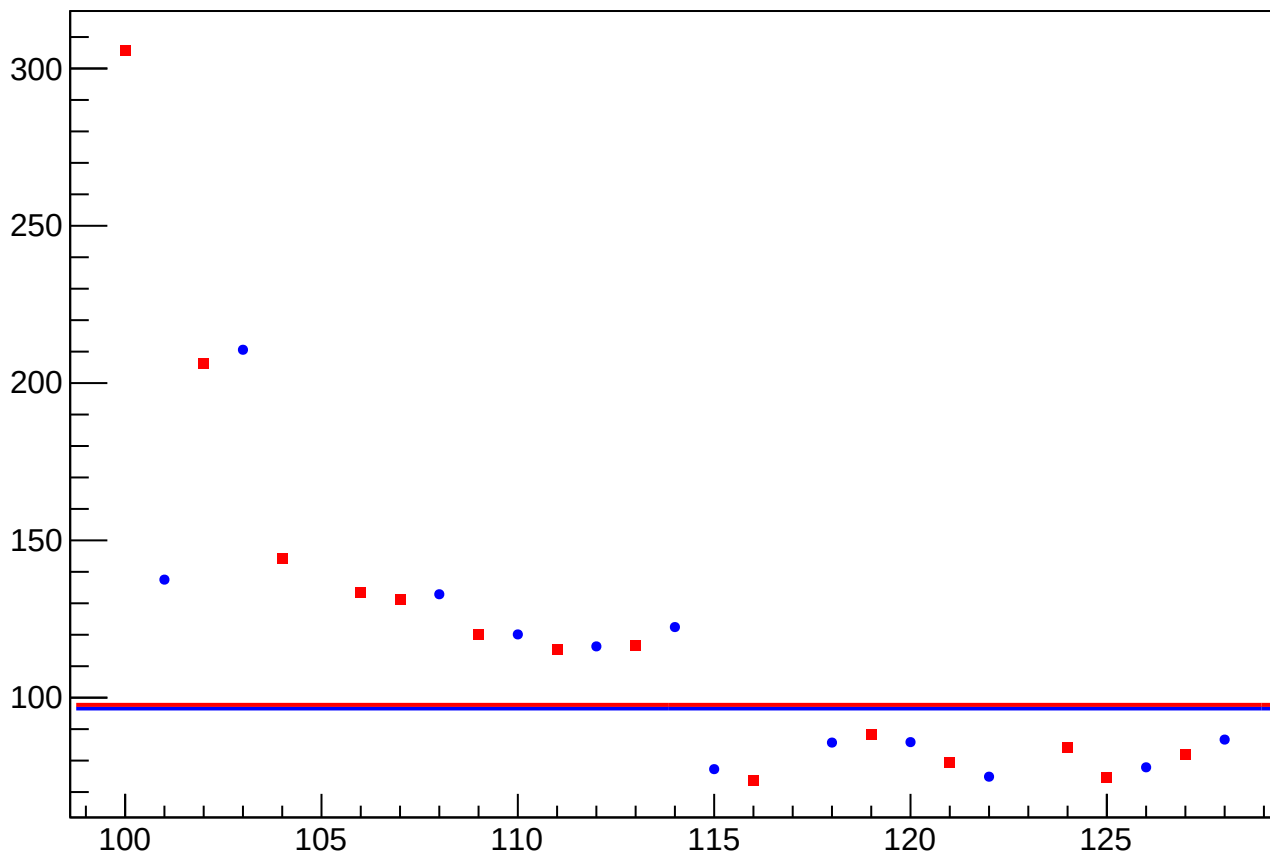
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.083+/-31.664 χ^2/NDF : 23.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_3726_avg_rms vs Slug



Right In: 96.566+/-0.032 χ^2/NDF : 755176.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.720+/-0.031 χ^2/NDF : 886136.2/13

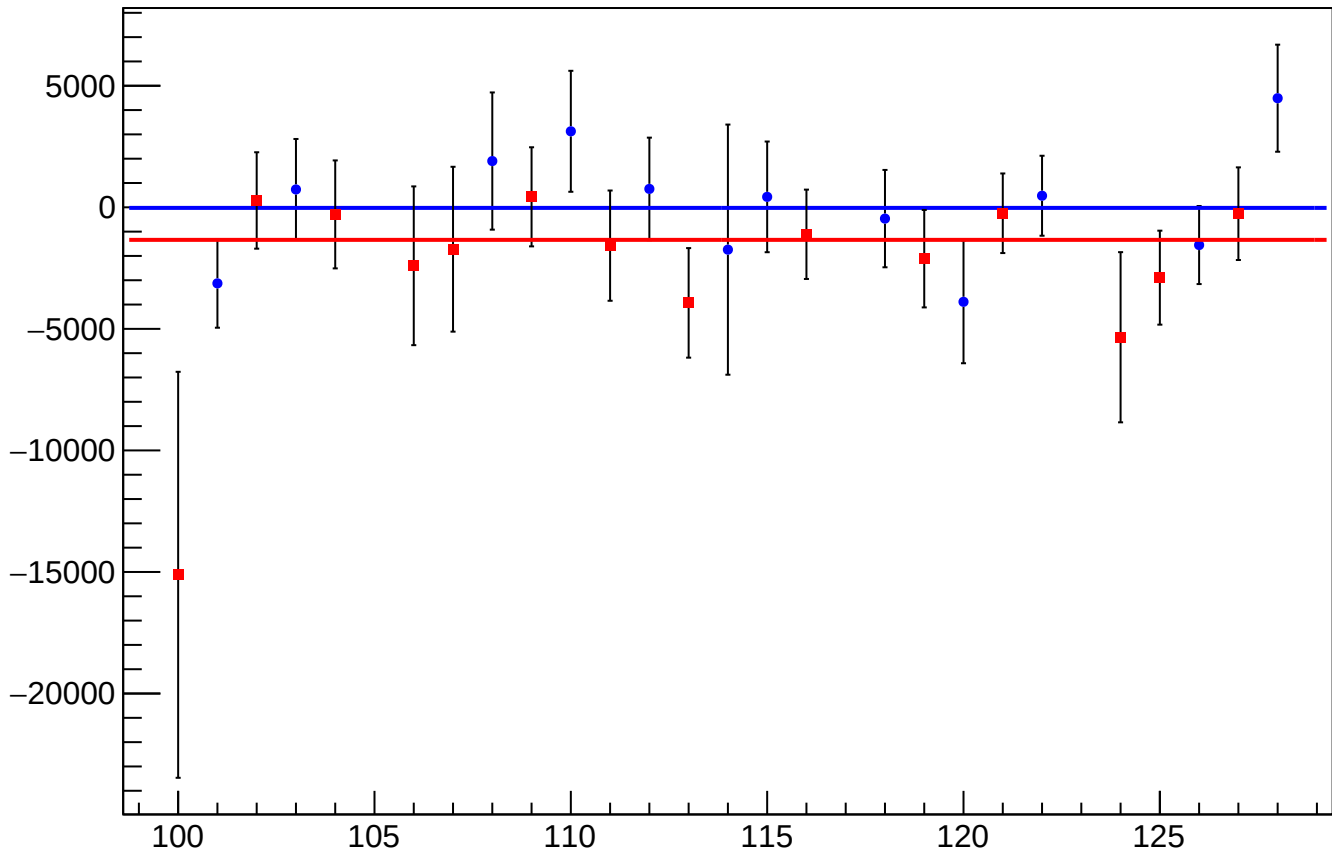
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.157+/-0.022 χ^2/NDF : 1641976.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_cor_correction_mean vs Slug



Right In: -23.773+/-614.876 χ^2/NDF : 13.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1339.078+/-594.724 χ^2/NDF : 8.7/13

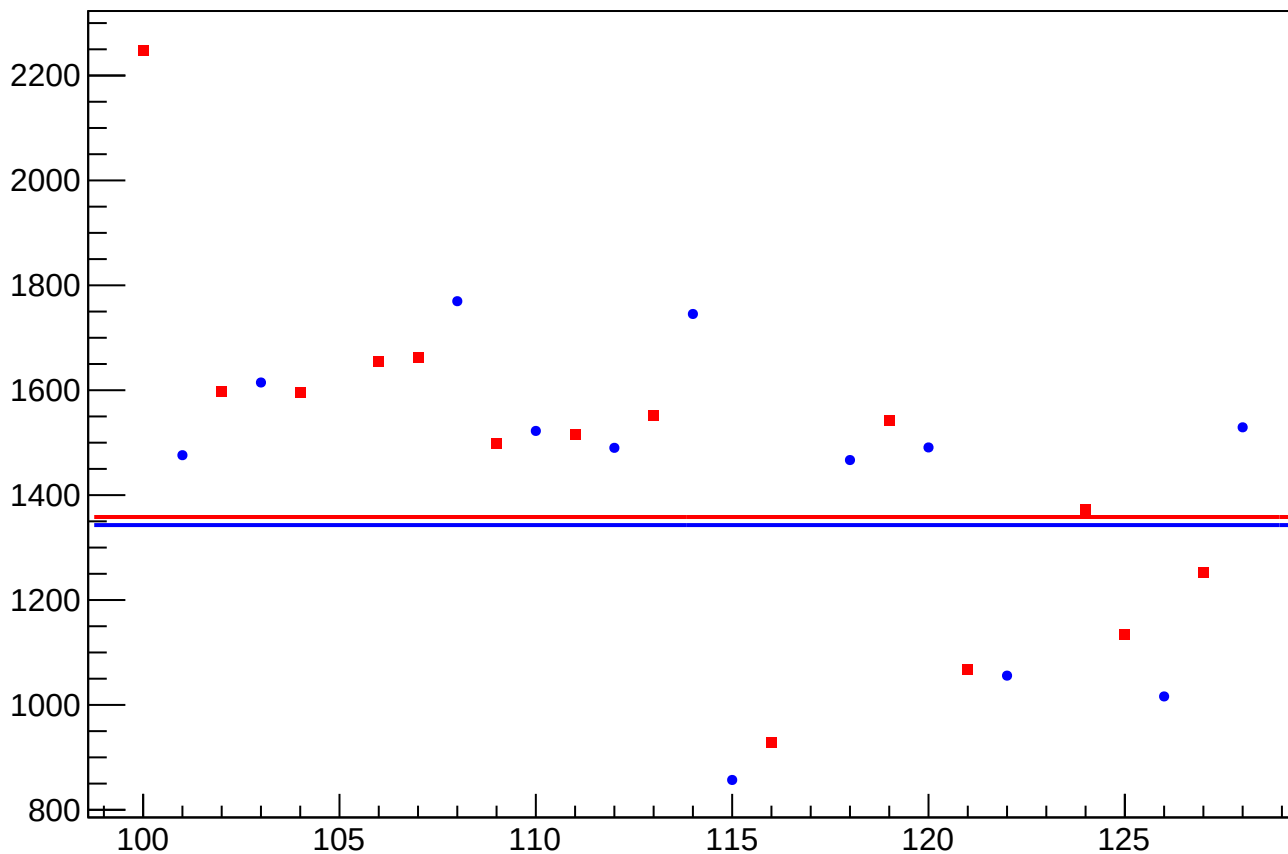
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -703.333+/-427.480 χ^2/NDF : 24.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_cor_correction_rms vs Slug



Right In: 1342.884+/-0.435 χ^2/NDF : 386851.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1358.284+/-0.421 χ^2/NDF : 363938.0/13

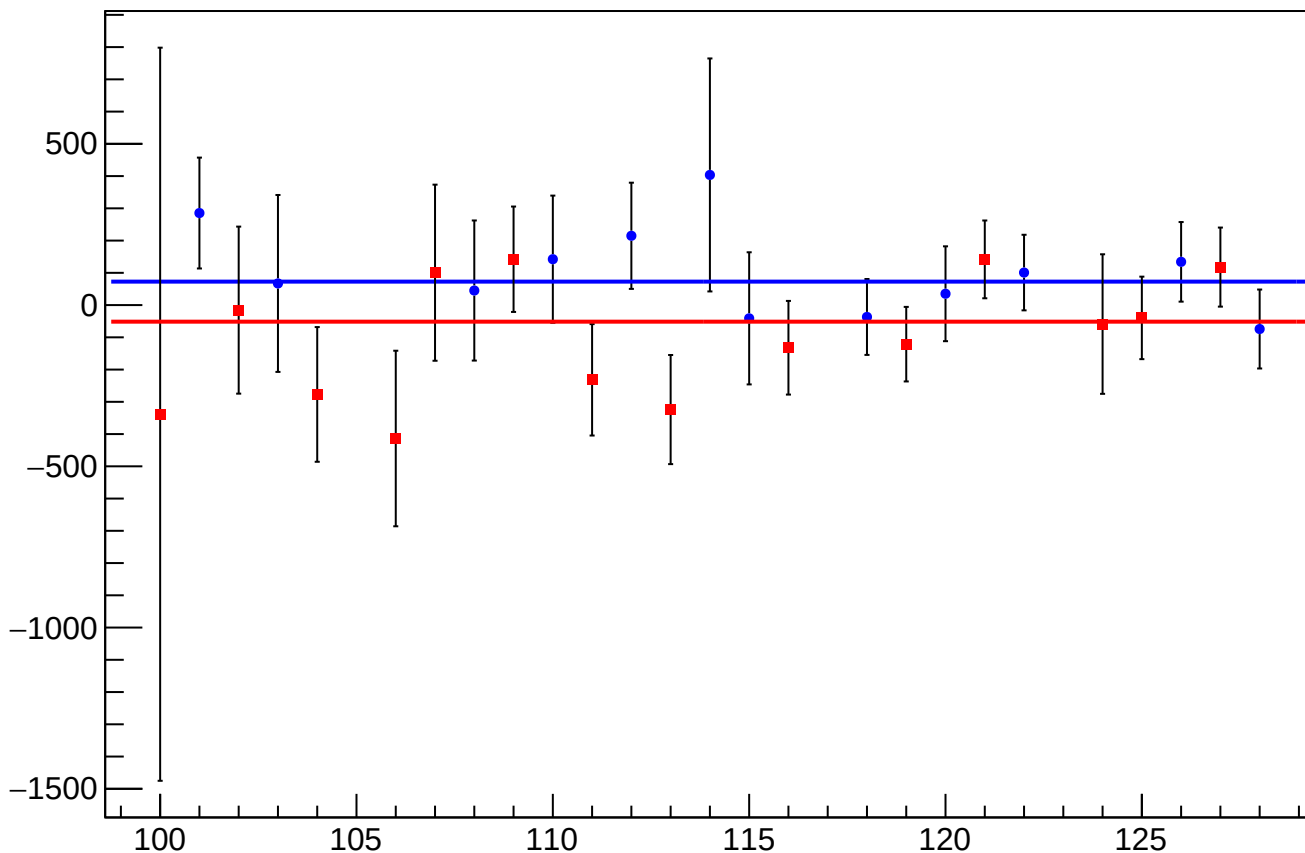
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.840+/-0.302 χ^2/NDF : 751437.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_3726_avg_mean vs Slug



Right In: 72.753+/-45.360 χ^2/NDF : 6.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -51.427+/-44.220 χ^2/NDF : 13.6/13

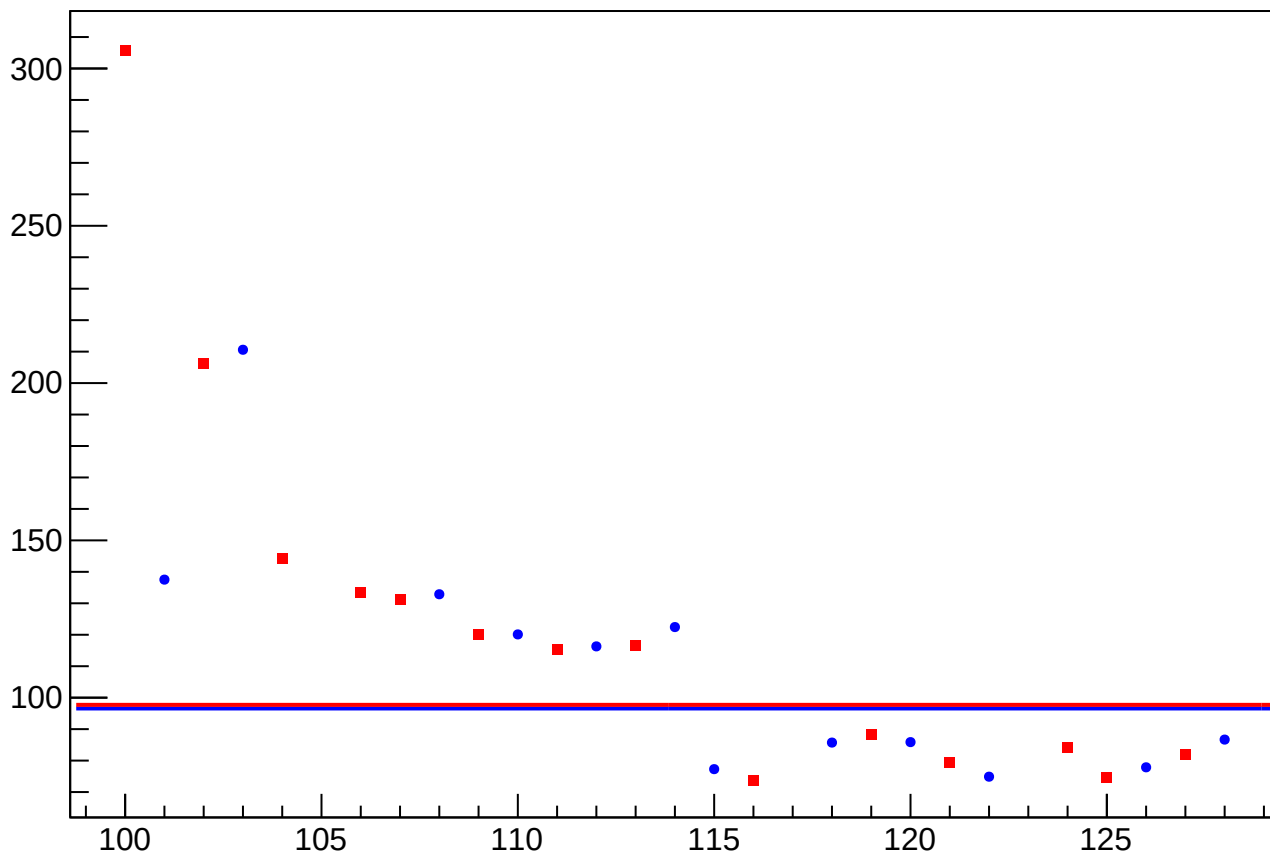
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.083+/-31.664 χ^2/NDF : 23.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_3726_avg_rms vs Slug



Right In: 96.566+/-0.032 χ^2/NDF : 755176.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.720+/-0.031 χ^2/NDF : 886136.2/13

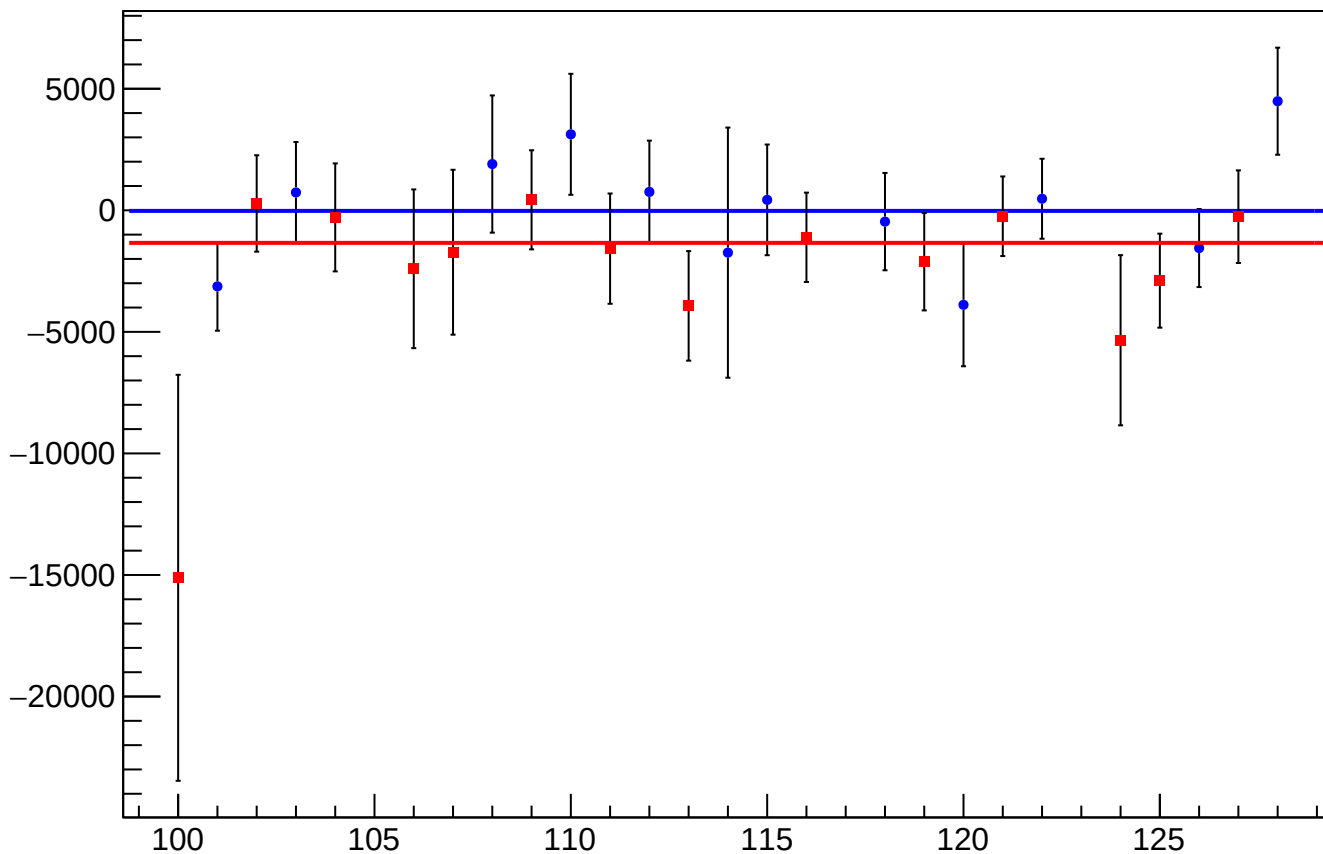
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.157+/-0.022 χ^2/NDF : 1641976.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_cor_correction_mean vs Slug



Right In: -23.773+/-614.876 χ^2/NDF : 13.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1339.078+/-594.724 χ^2/NDF : 8.7/13

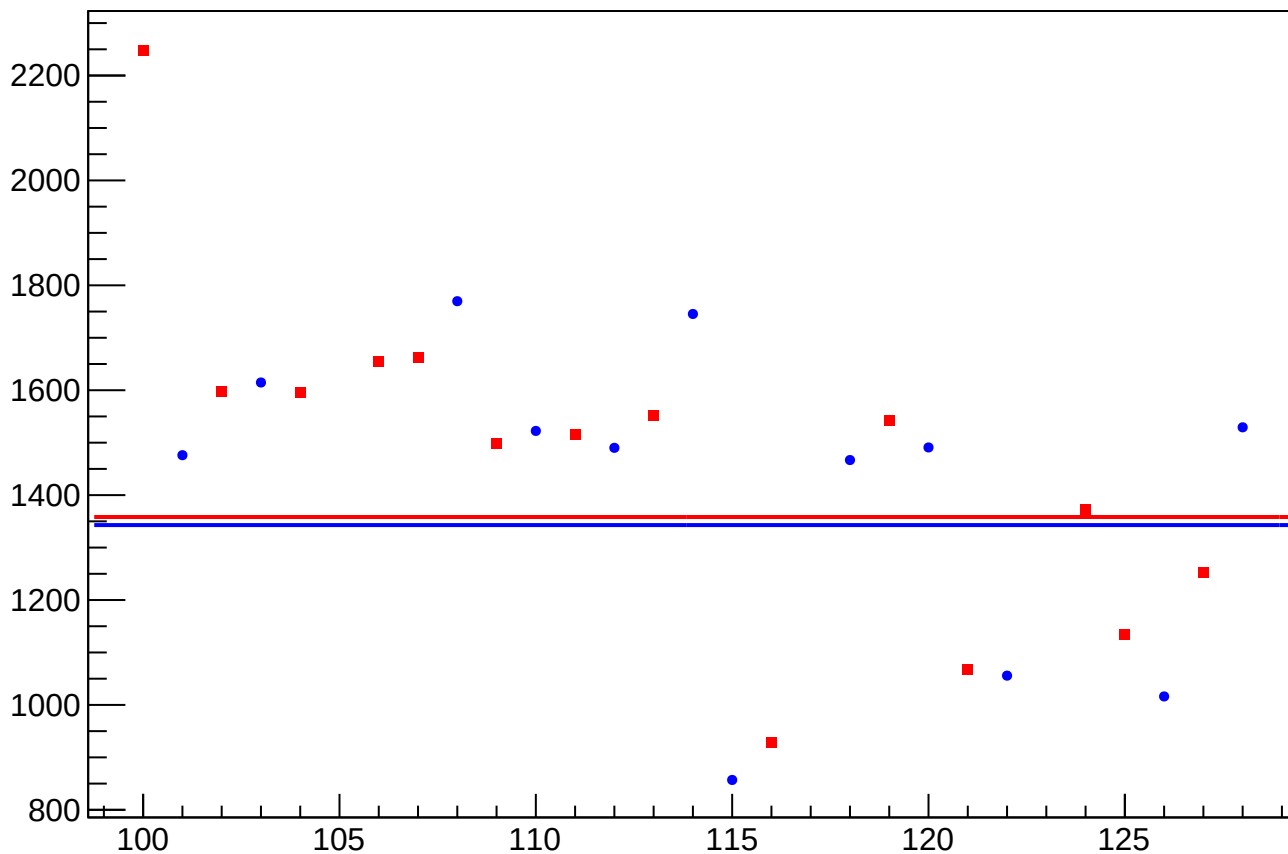
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -703.333+/-427.480 χ^2/NDF : 24.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_cor_correction_rms vs Slug



Right In: 1342.884+/-0.435 χ^2/NDF : 386851.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1358.284+/-0.421 χ^2/NDF : 363938.0/13

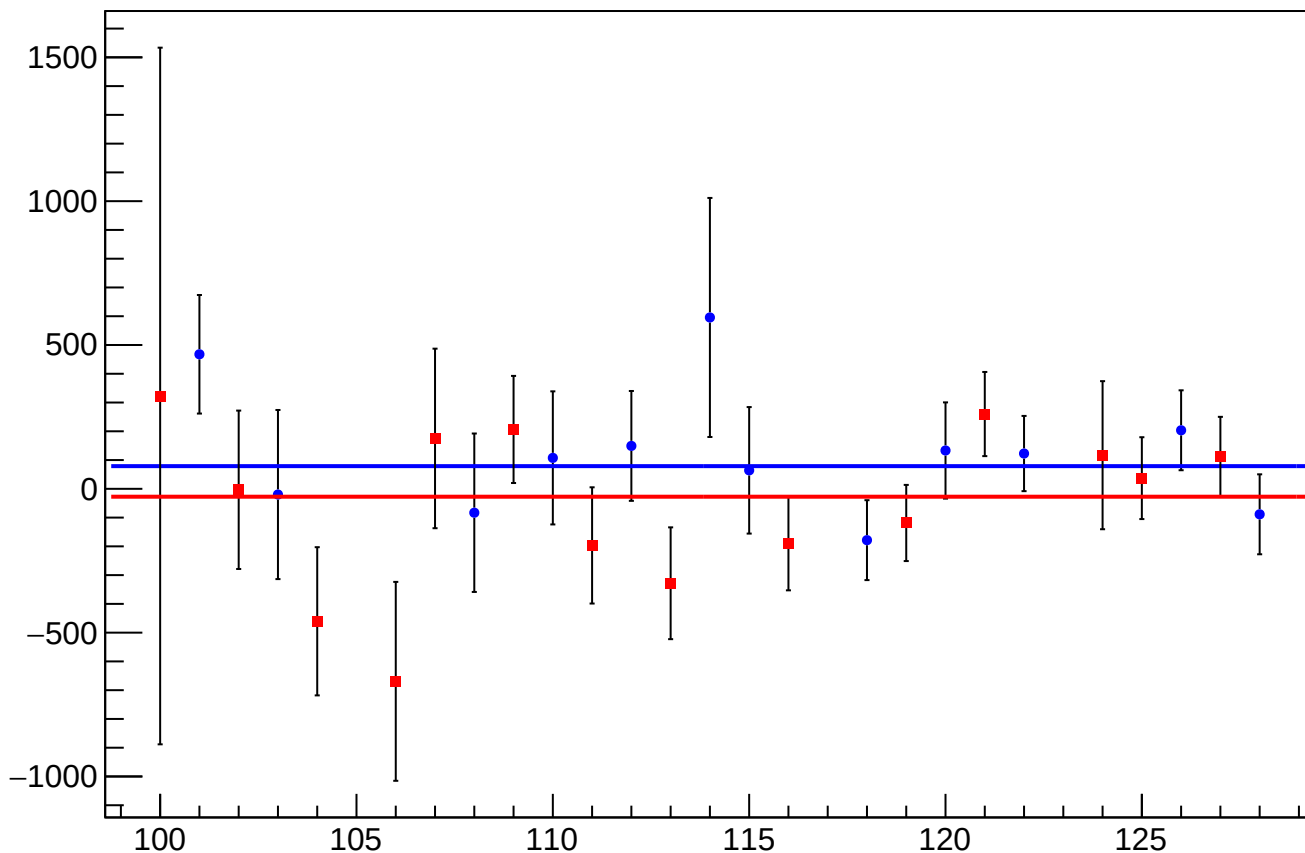
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.840+/-0.302 χ^2/NDF : 751437.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3726_avg_mean vs Slug



Right In: 78.851+/-51.947 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -27.408+/-50.940 χ^2/NDF : 18.3/13

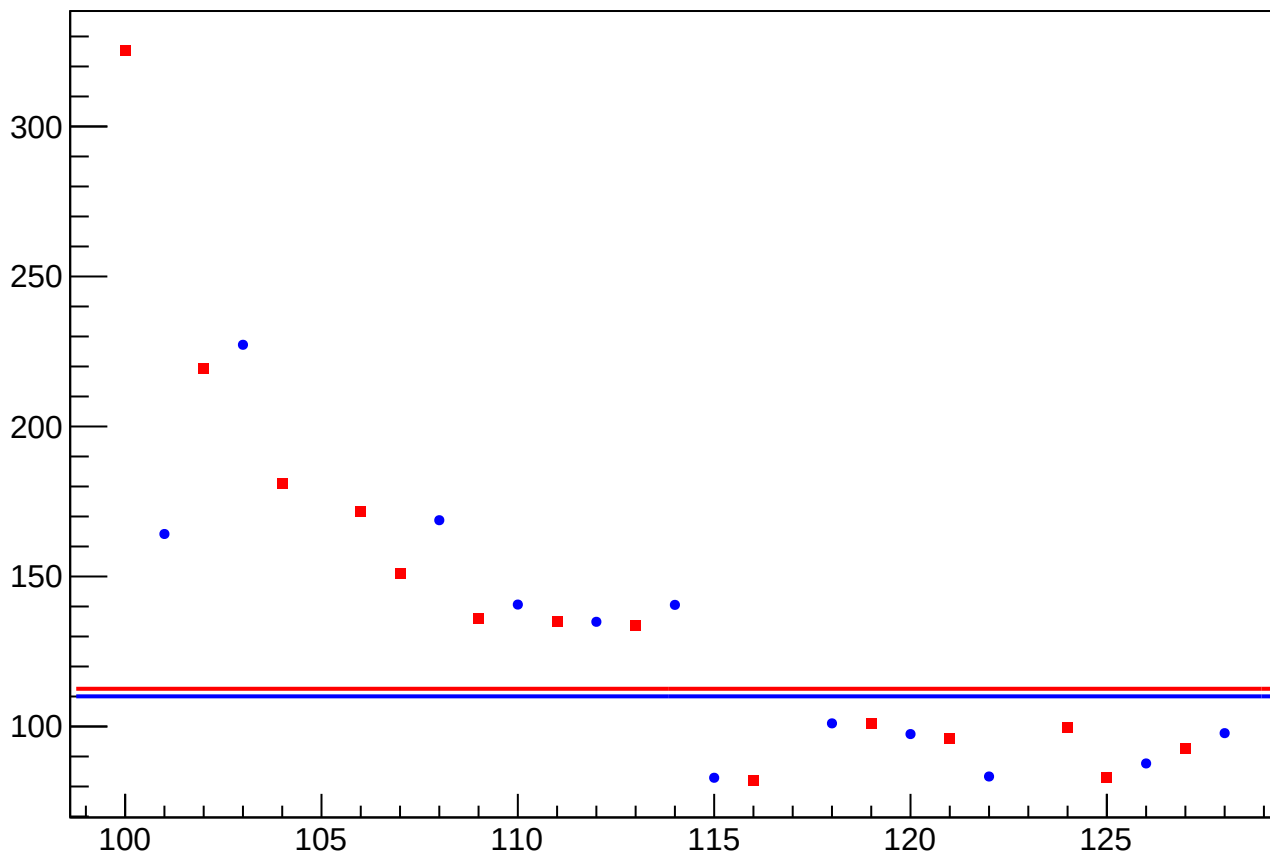
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.682+/-36.371 χ^2/NDF : 32.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3726_avg_rms vs Slug



Right In: 110.049+/-0.037 χ^2/NDF : 827342.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.573+/-0.036 χ^2/NDF : 915989.4/13

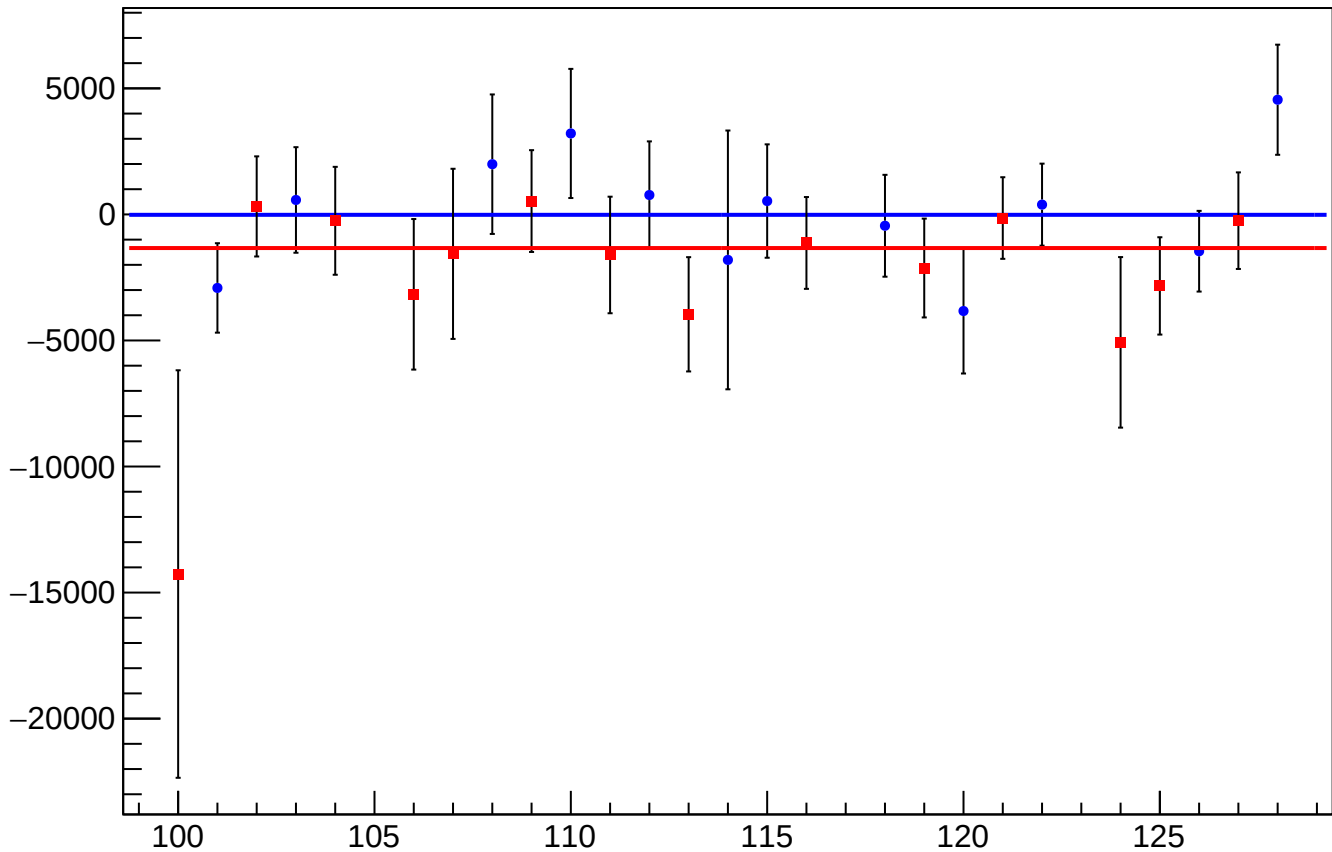
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.336+/-0.026 χ^2/NDF : 1745737.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_dit_correction_mean vs Slug



Right In: -16.087 $\pm$ 611.839 χ^2 /NDF: 12.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1334.034 $\pm$ 588.637 χ^2 /NDF: 9.0/13

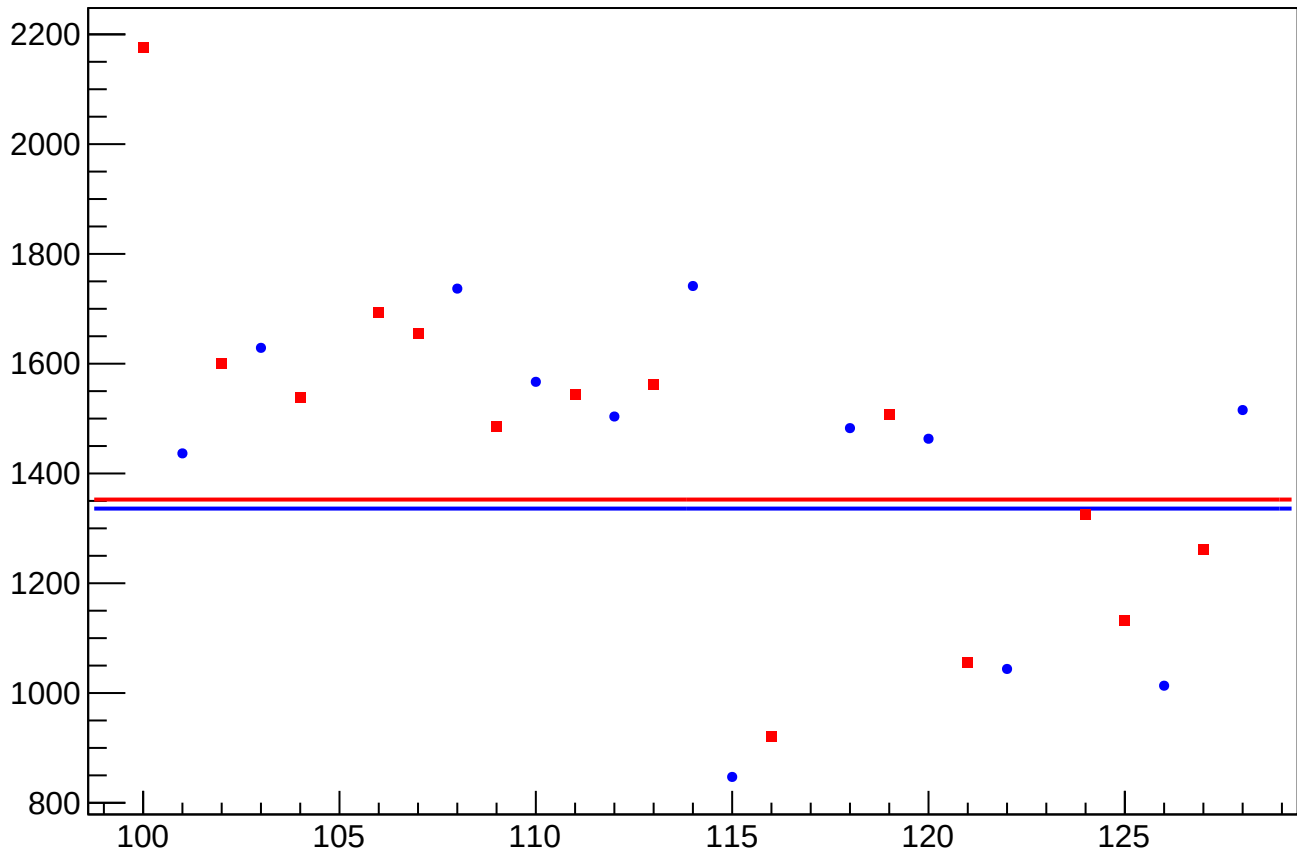
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -700.523 $\pm$ 424.195 χ^2 /NDF: 24.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_dit_correction_rms vs Slug



Right In: 1336.026+/-0.433 χ^2/NDF : 398323.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

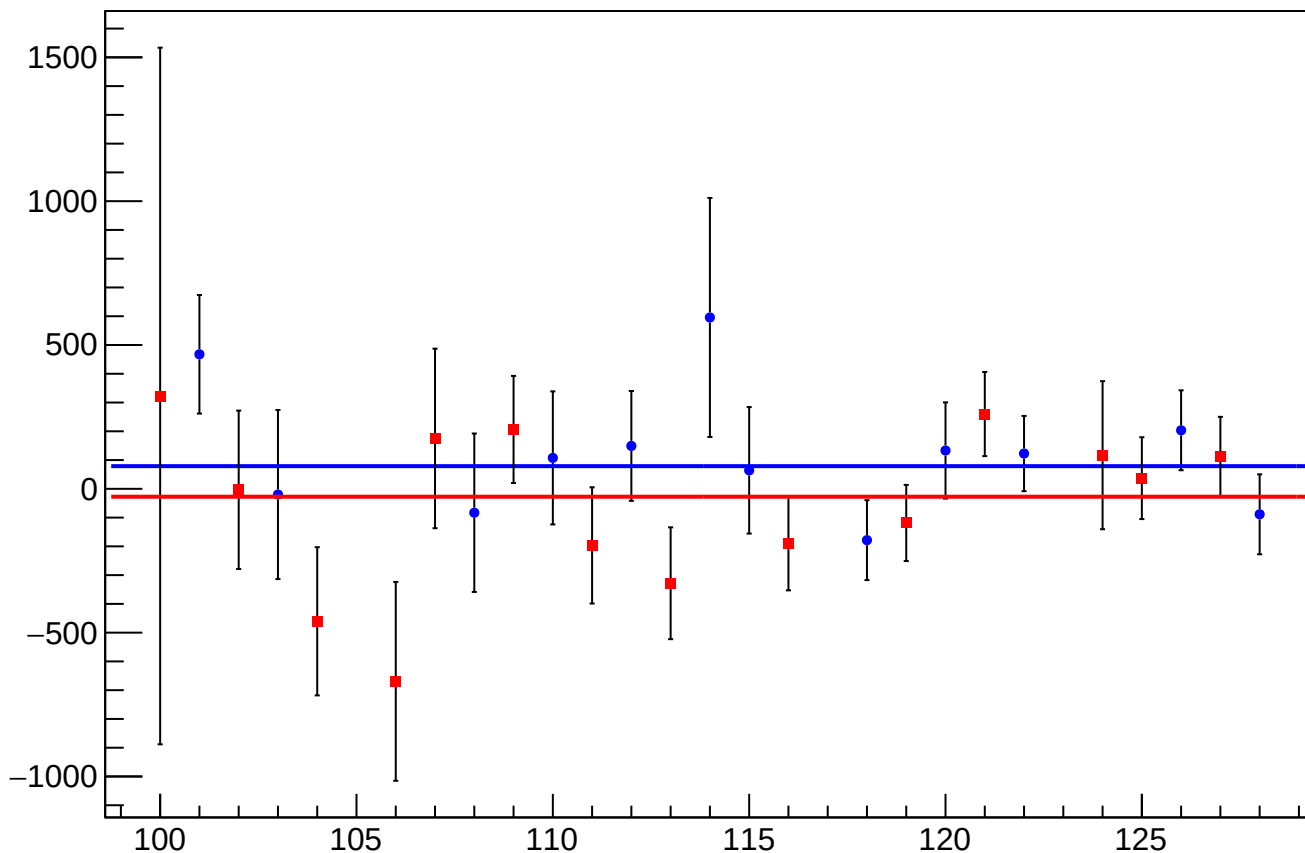
Right Out: 1352.487+/-0.416 χ^2/NDF : 371836.5/13

All: 1344.574+/-0.300 χ^2/NDF : 770911.3/25

- 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: 78.850+/-51.947 χ^2/NDF : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -27.405+/-50.940 χ^2/NDF : 18.3/13

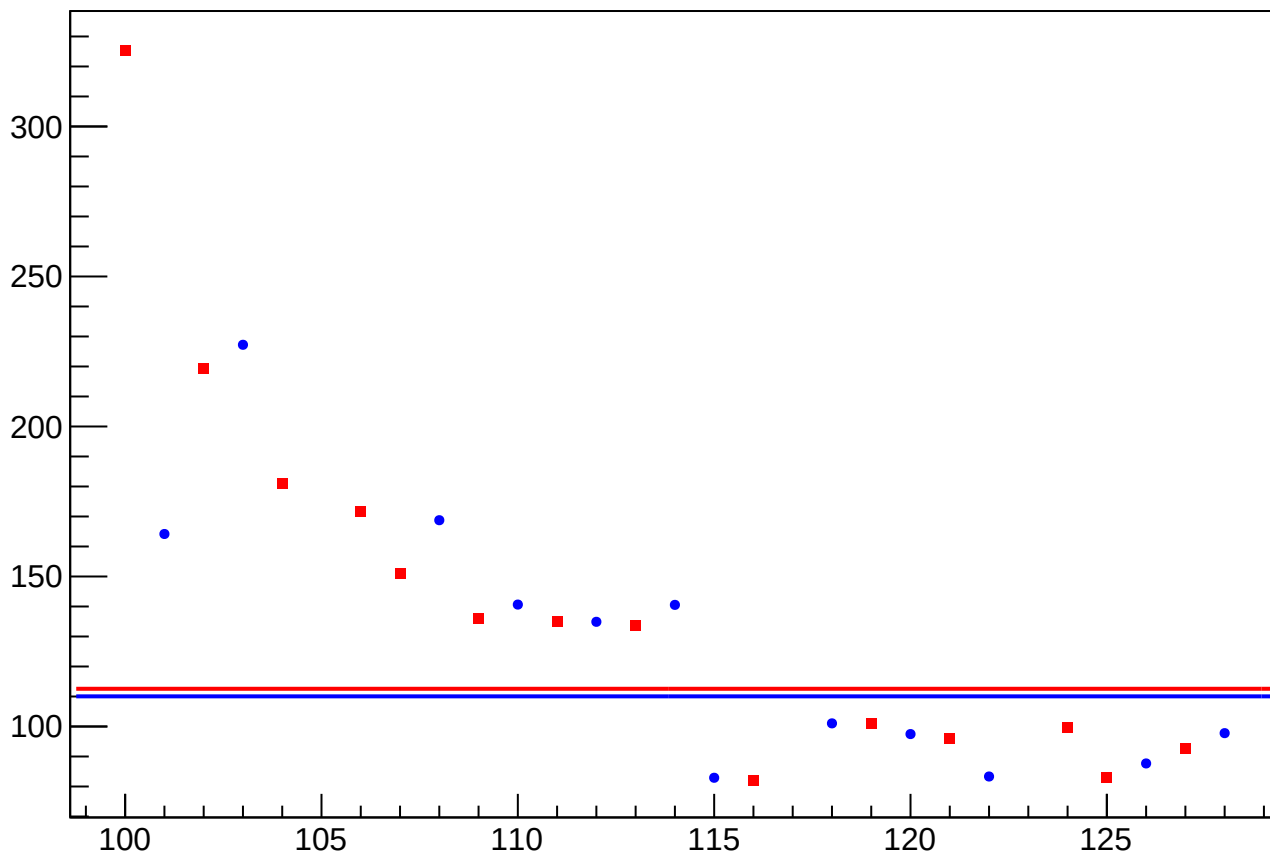
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.683+/-36.371 χ^2/NDF : 32.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_3726_avg_rms vs Slug



Right In: 110.049+/-0.037 χ^2/NDF : 827335.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.573+/-0.036 χ^2/NDF : 915983.8/13

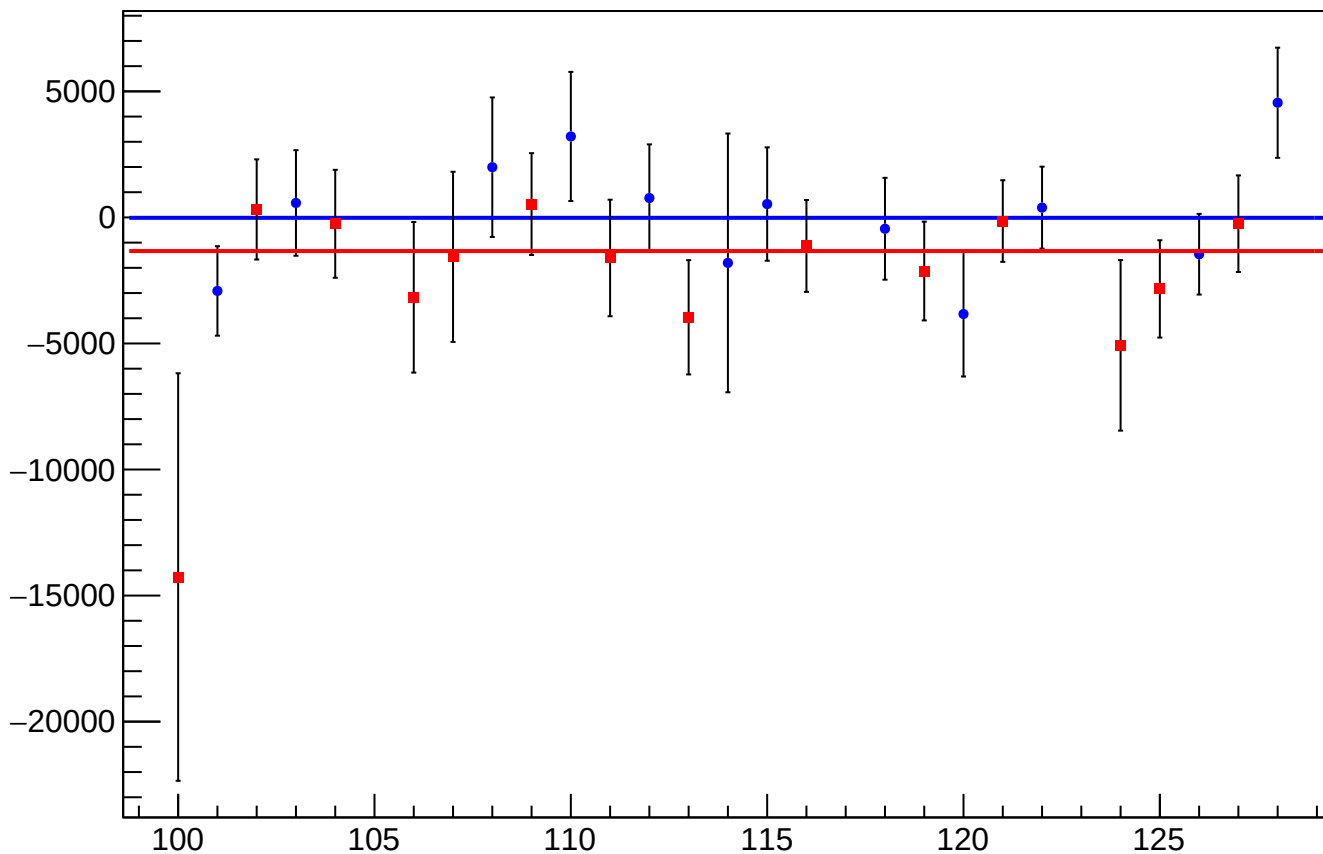
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.336+/-0.026 χ^2/NDF : 1745725.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_dit_correction_mean vs Slug



Right In: -16.085 $\pm$ 611.837 χ^2 /NDF: 12.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1334.031 $\pm$ 588.636 χ^2 /NDF: 9.0/13

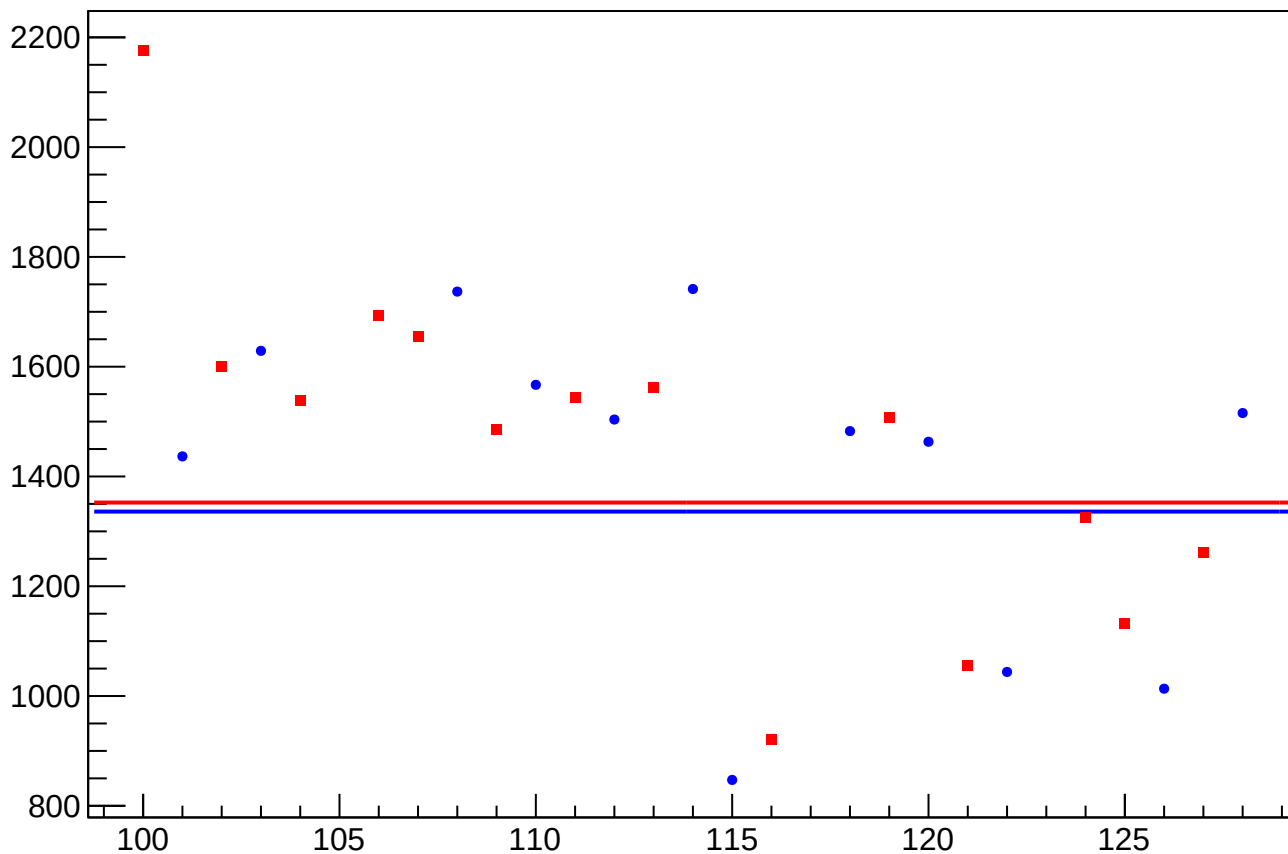
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -700.521 $\pm$ 424.194 χ^2 /NDF: 24.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_dit_correction_rms vs Slug



Right In: 1336.023+/-0.433 χ^2/NDF : 398318.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1352.484+/-0.416 χ^2/NDF : 371832.8/13

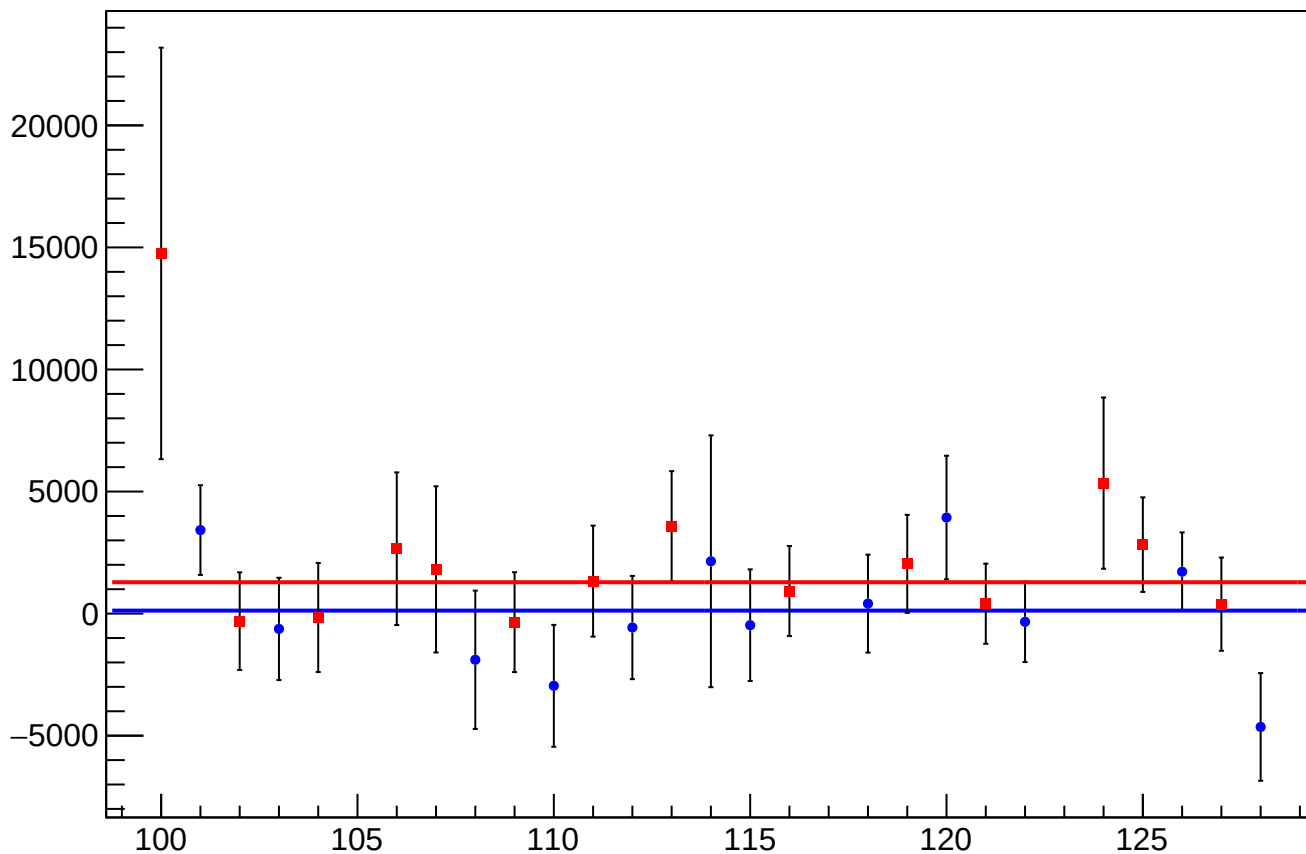
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1344.572+/-0.300 χ^2/NDF : 770902.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_mean vs Slug



Right In: 123.392 $\pm$ 617.228 χ^2 /NDF: 13.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1285.996 $\pm$ 595.853 χ^2 /NDF: 8.2/13

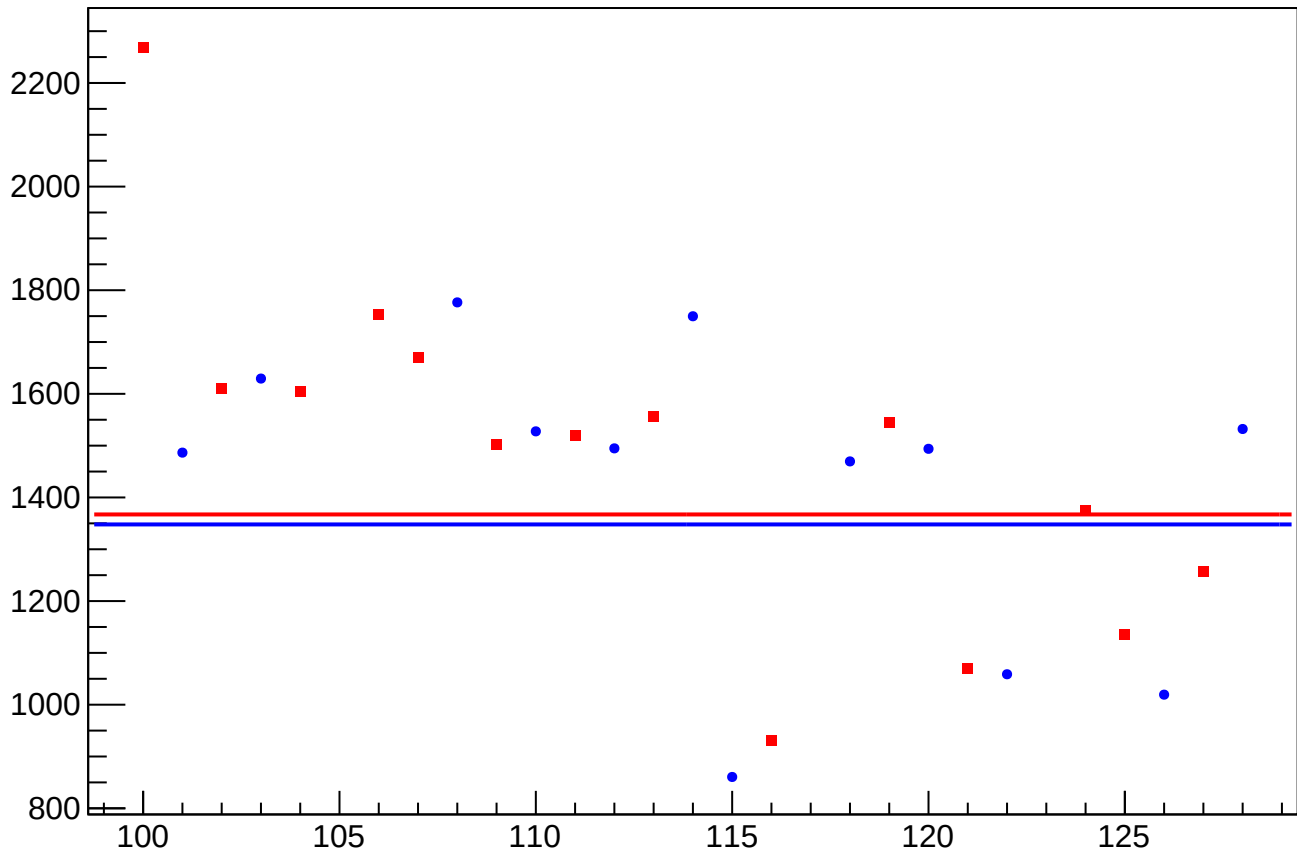
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 725.173 $\pm$ 428.689 χ^2 /NDF: 23.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_rms vs Slug



Right In: 1347.928+/-0.436 χ^2/NDF : 389013.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1367.203+/-0.421 χ^2/NDF : 381223.8/13

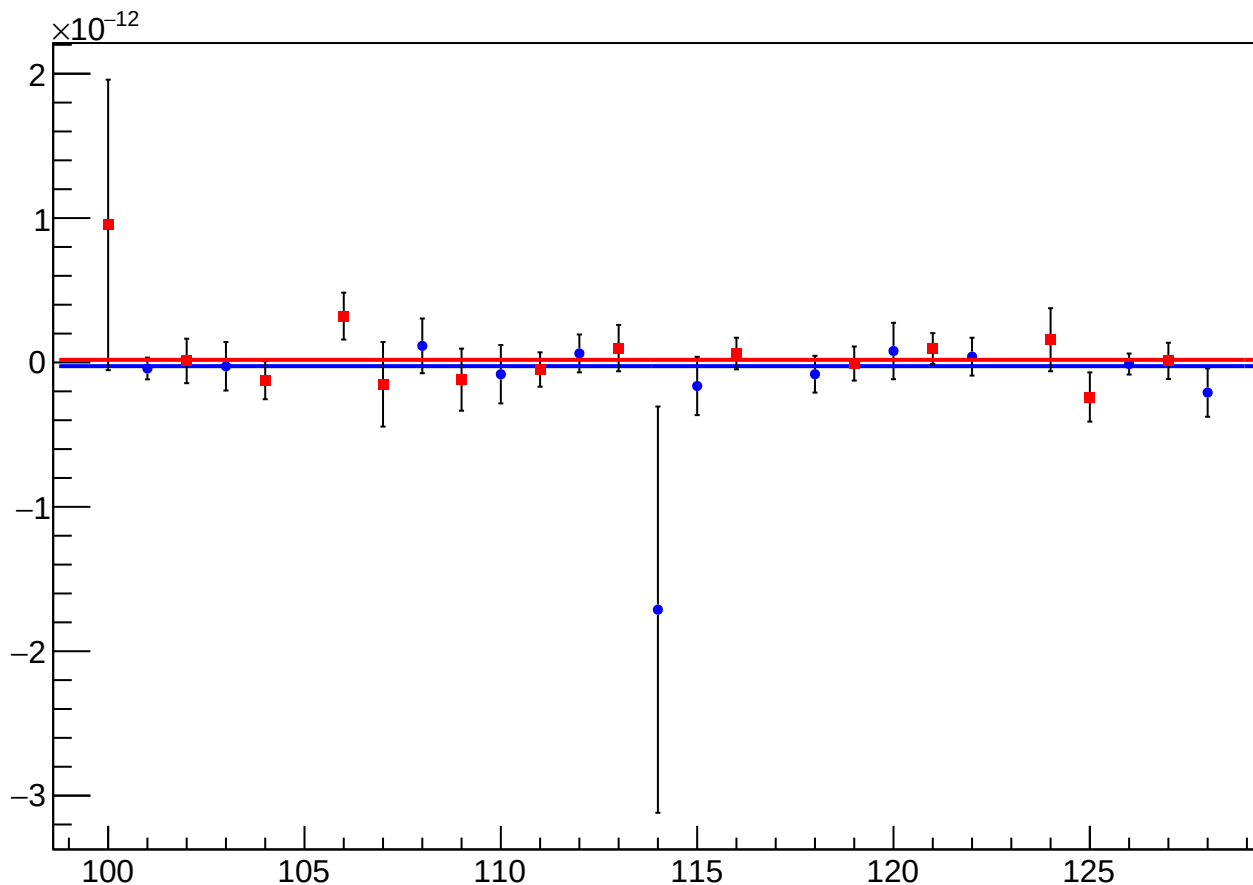
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1357.905+/-0.303 χ^2/NDF : 771247.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.3/13

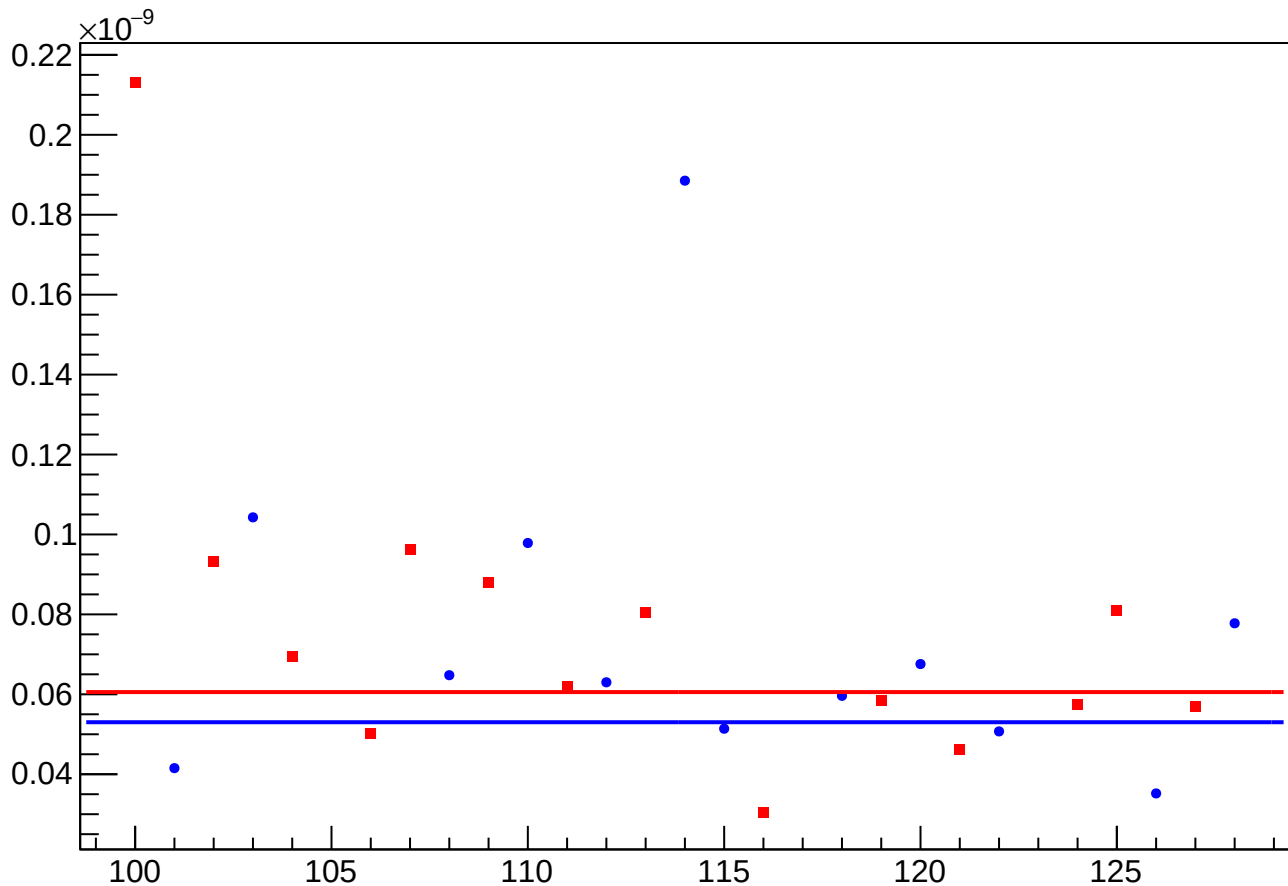
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 550651.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 466110.5/13

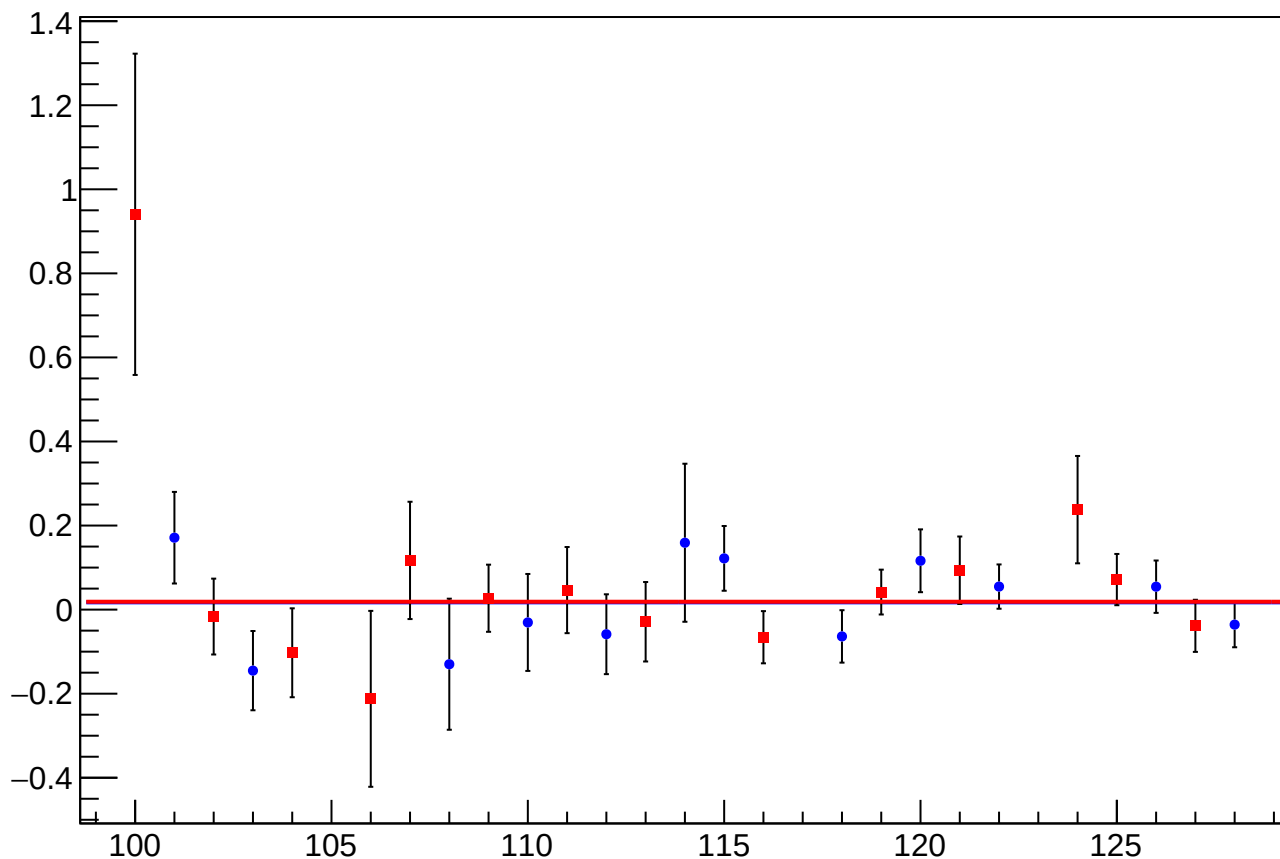
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1055462.1/25

- 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: 0.017 $\pm$ 0.022 χ^2 /NDF: 14.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.019 $\pm$ 0.022 χ^2 /NDF: 16.8/13

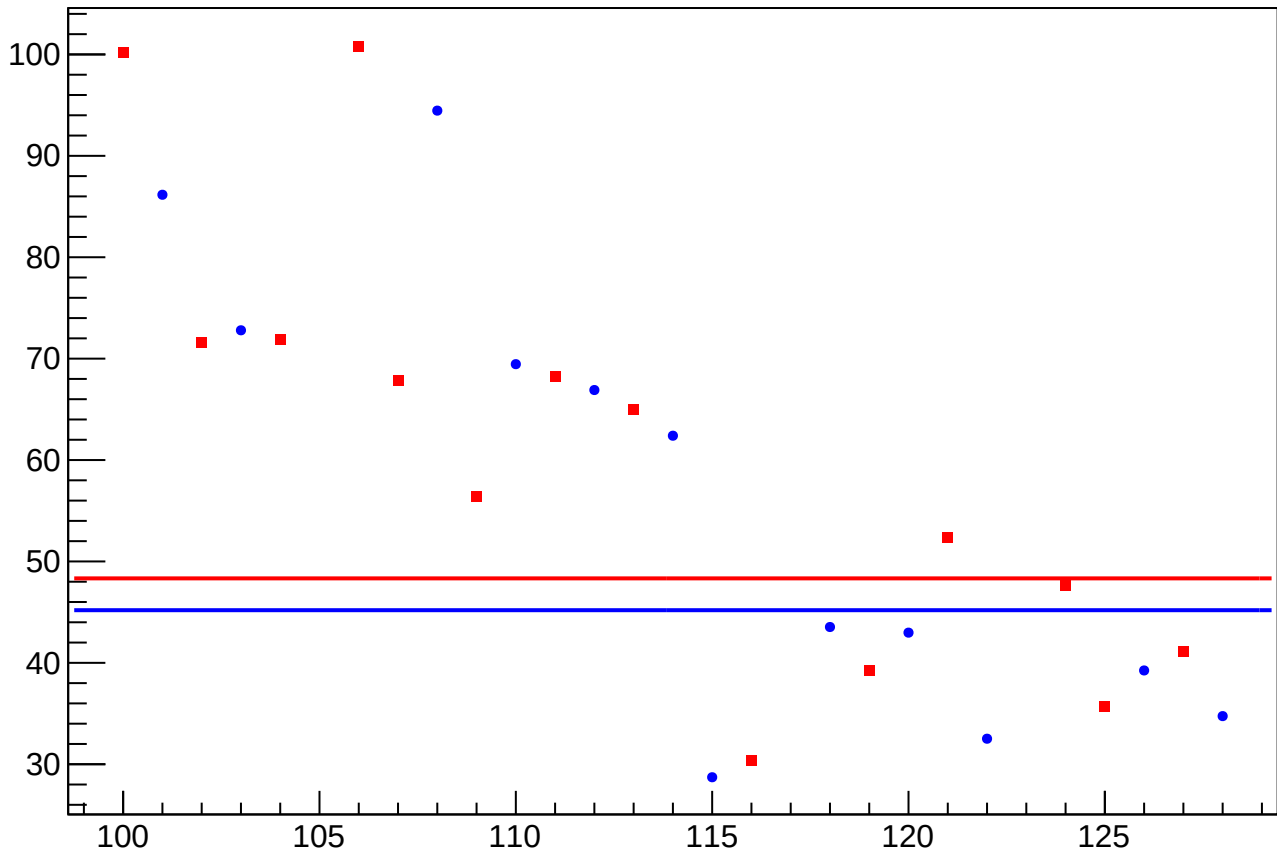
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.016 χ^2 /NDF: 31.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_dit_vs_cor_diff_rms vs Slug



Right In: 45.192+/-0.016 χ^2/NDF : 1167460.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.330+/-0.016 χ^2/NDF : 934105.4/13

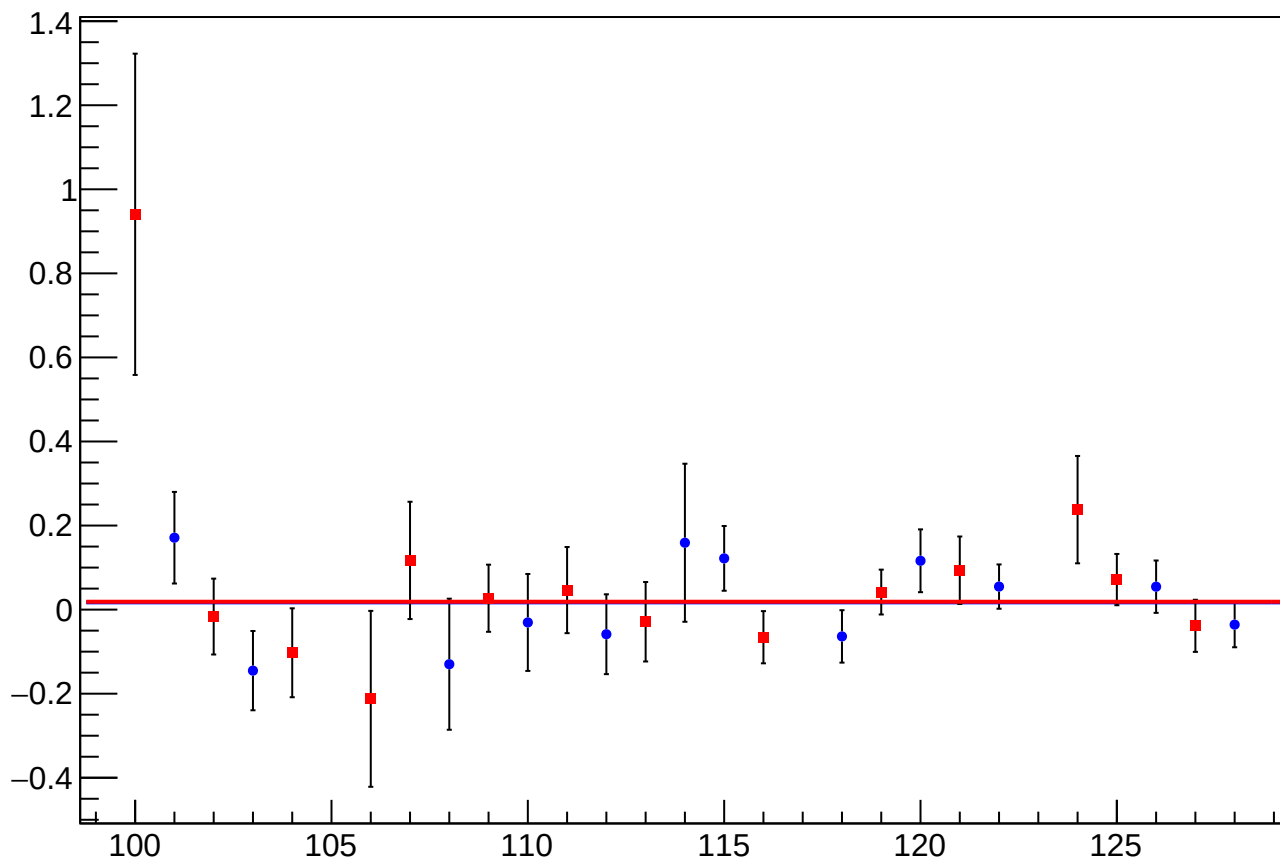
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.758+/-0.011 χ^2/NDF : 2121419.1/25

- 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: 0.017+/-0.022 χ^2/NDF : 14.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.022 χ^2/NDF : 16.8/13

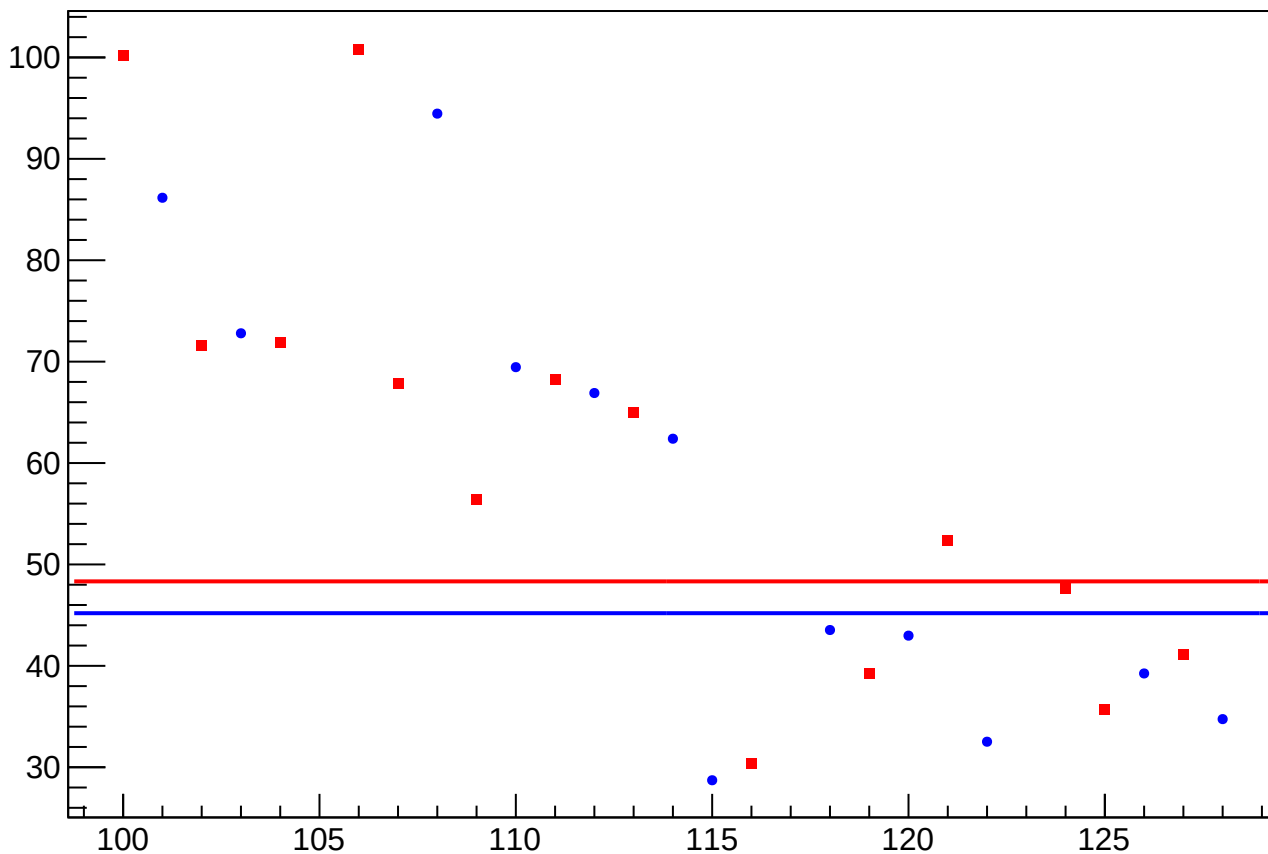
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.016 χ^2/NDF : 31.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 45.192+/-0.016 χ^2/NDF : 1167460.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.330+/-0.016 χ^2/NDF : 934105.4/13

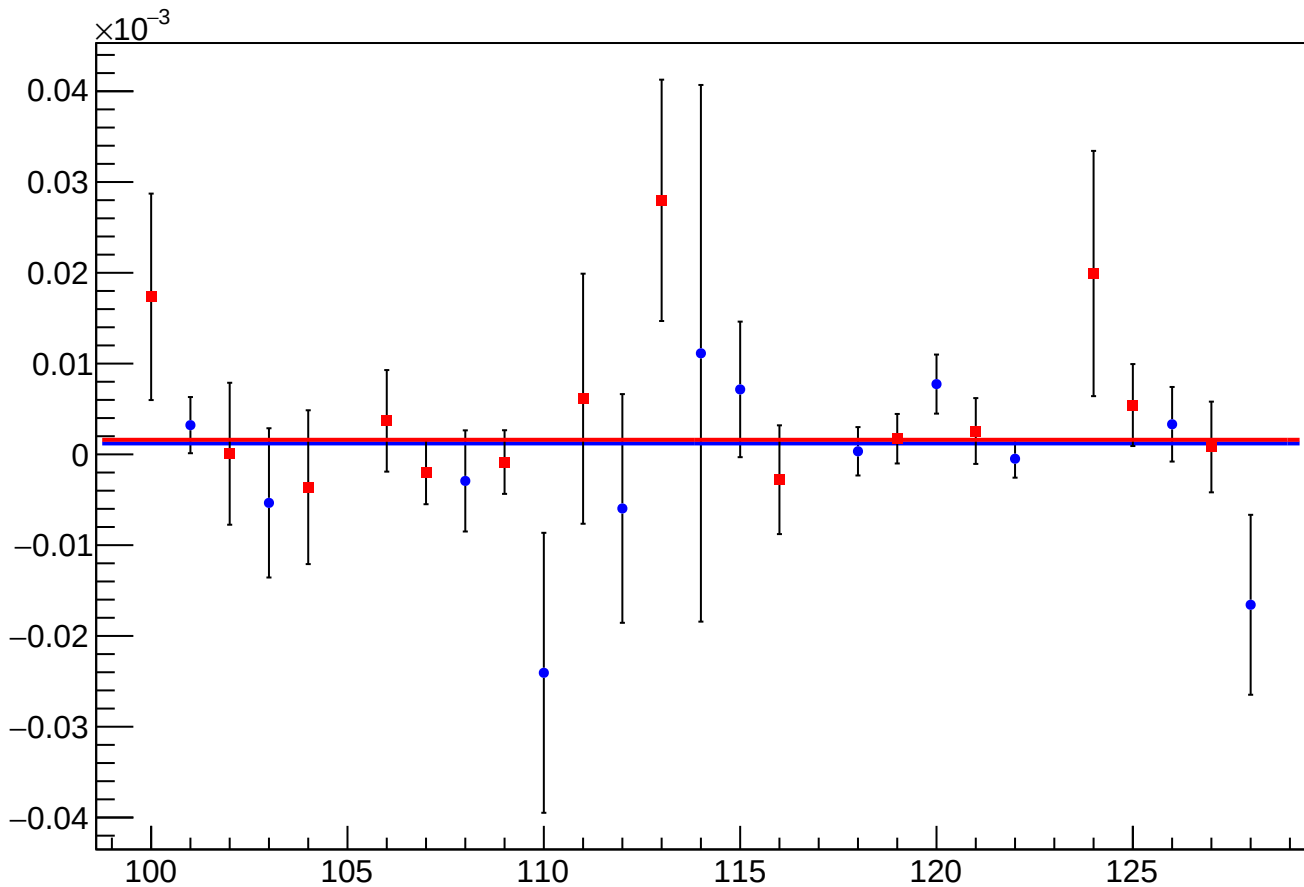
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.758+/-0.011 χ^2/NDF : 2121419.1/25

- 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: 13.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.2/13

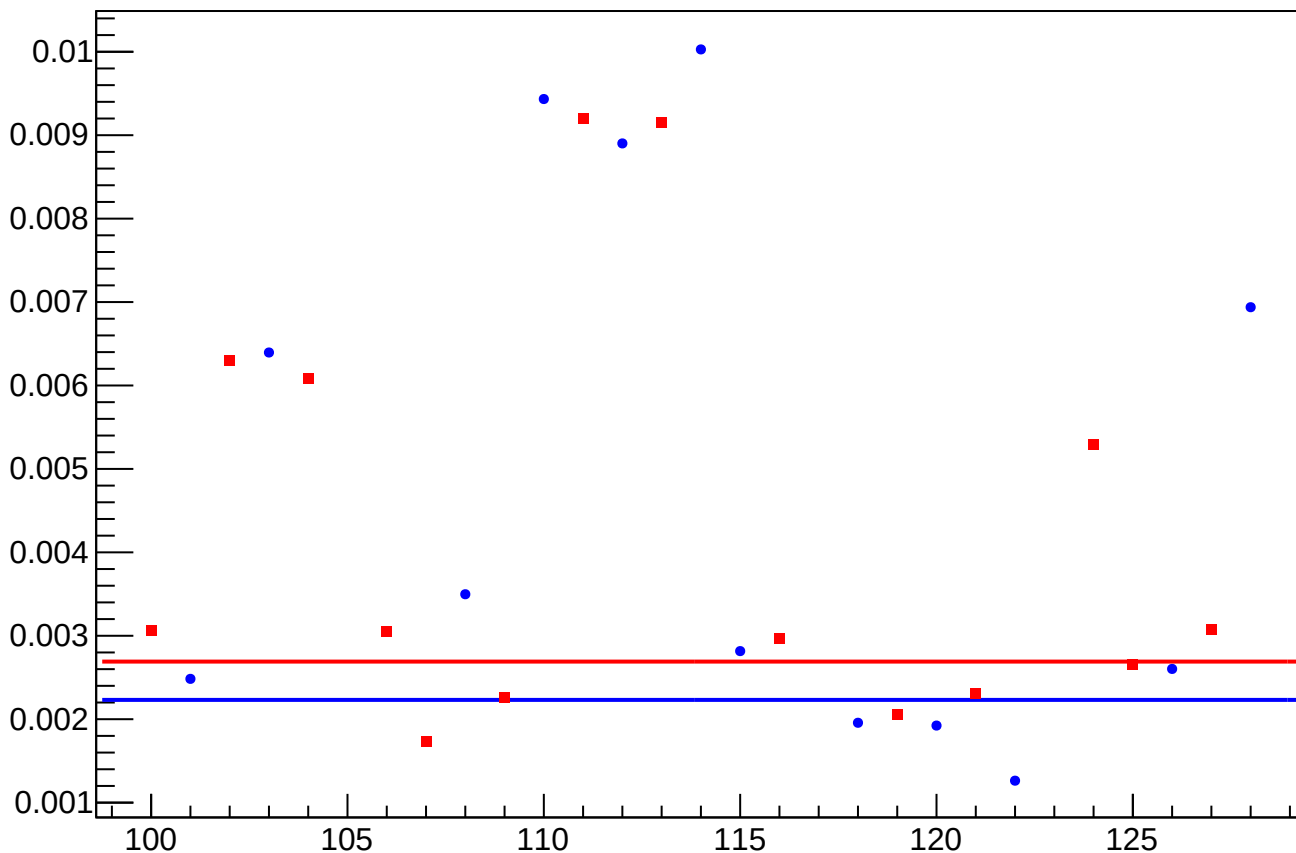
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 24.9/25

- 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 : 2716315.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2076457.5/13

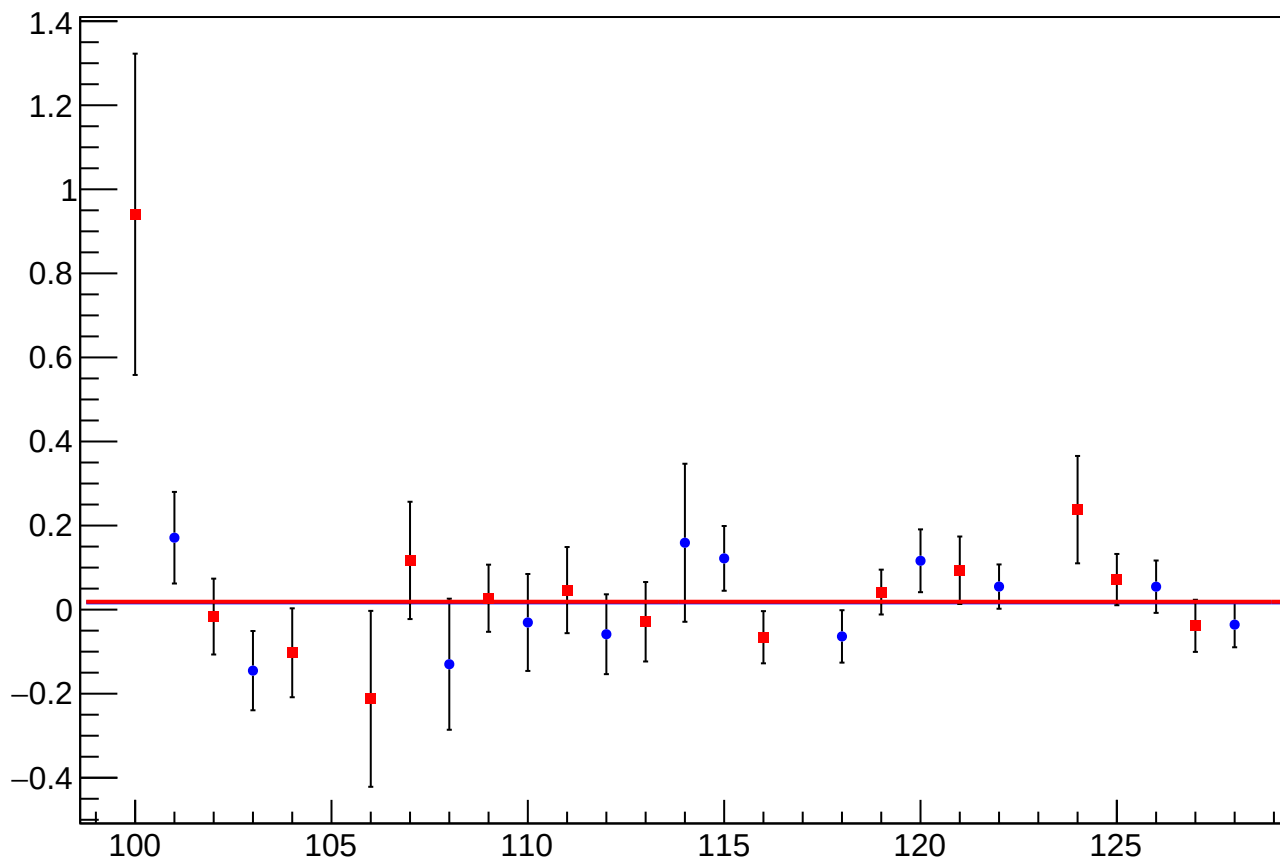
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4927371.2/25

- 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: 0.017 $\pm$ 0.022 χ^2 /NDF: 14.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.019 $\pm$ 0.022 χ^2 /NDF: 16.8/13

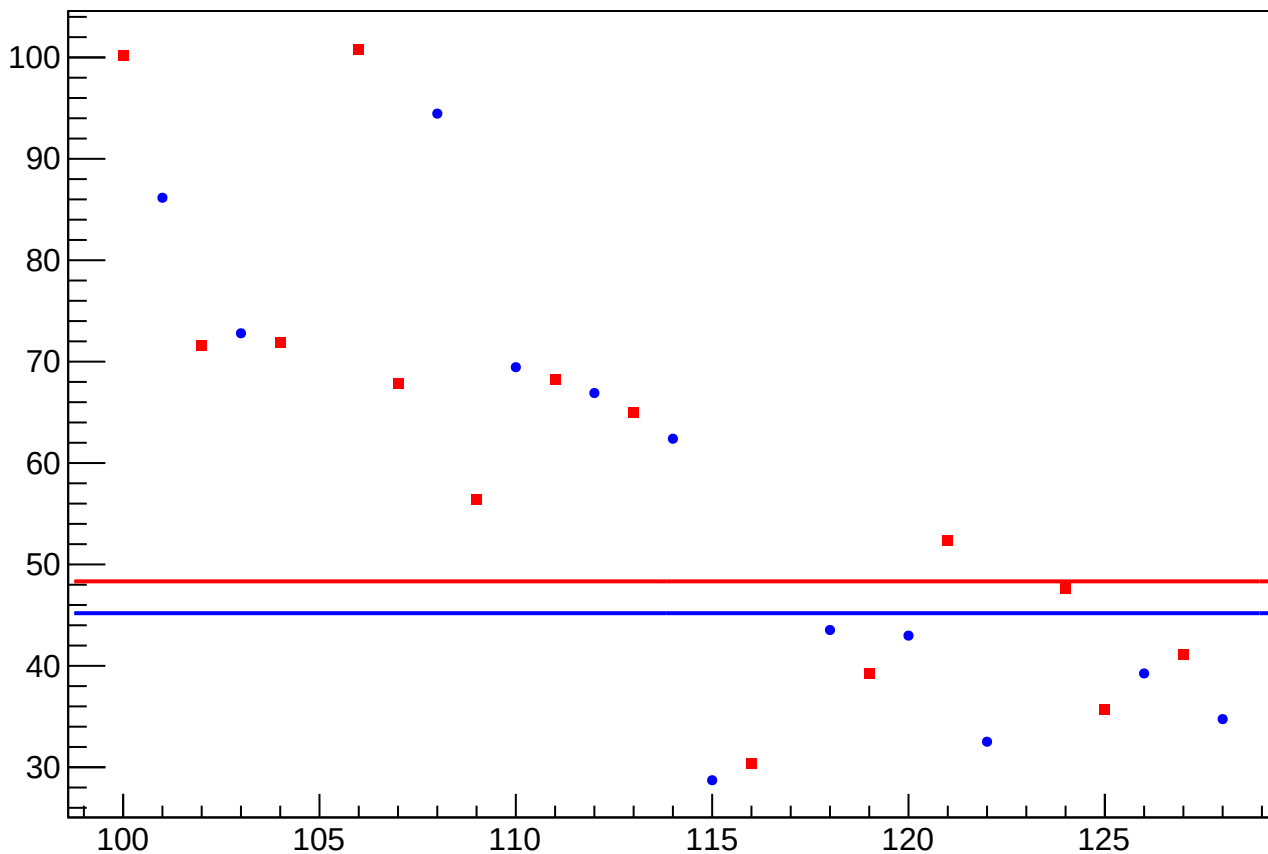
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.016 χ^2 /NDF: 31.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 45.193+/-0.016 χ^2/NDF : 1167401.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.330+/-0.016 χ^2/NDF : 934062.3/13

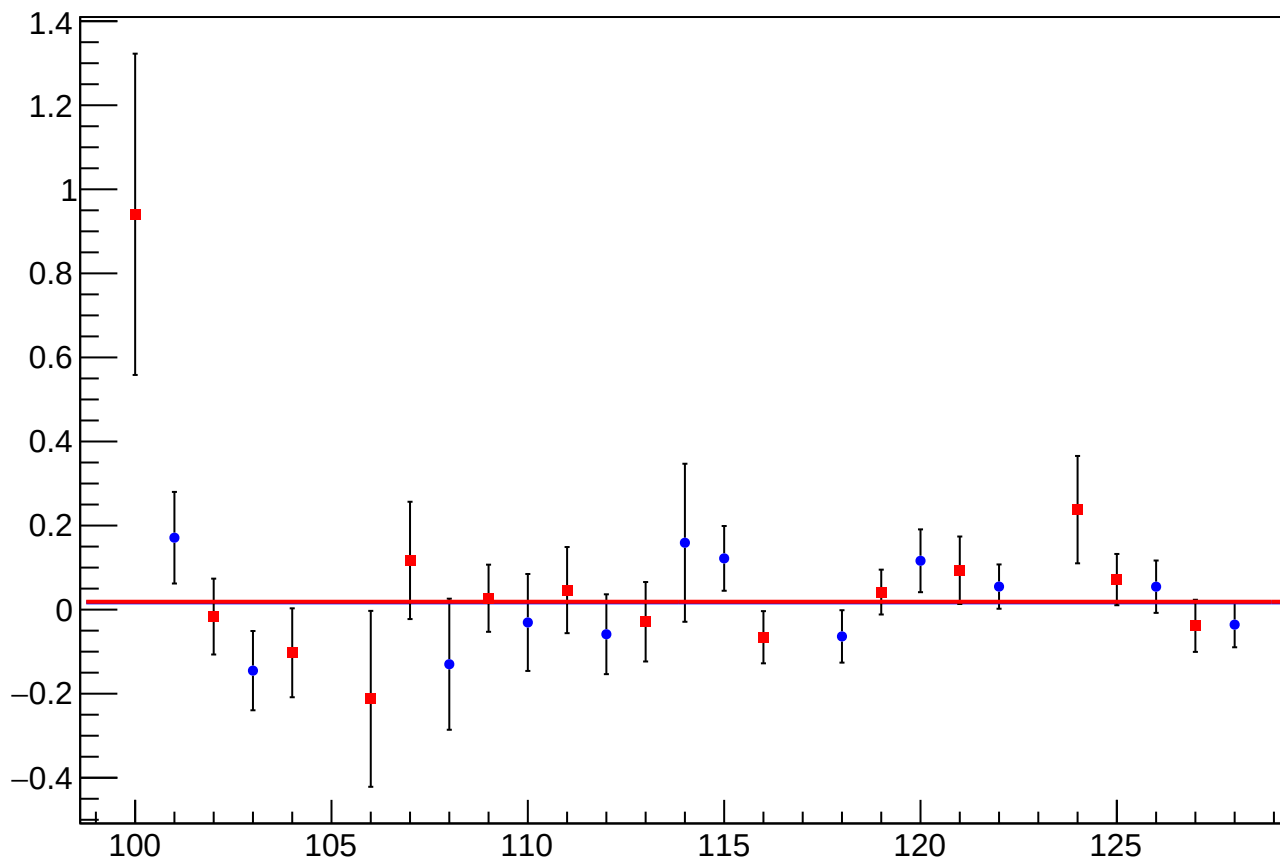
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.759+/-0.011 χ^2/NDF : 2121315.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.017 $\pm$ 0.022 χ^2 /NDF: 14.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.019 $\pm$ 0.022 χ^2 /NDF: 16.8/13

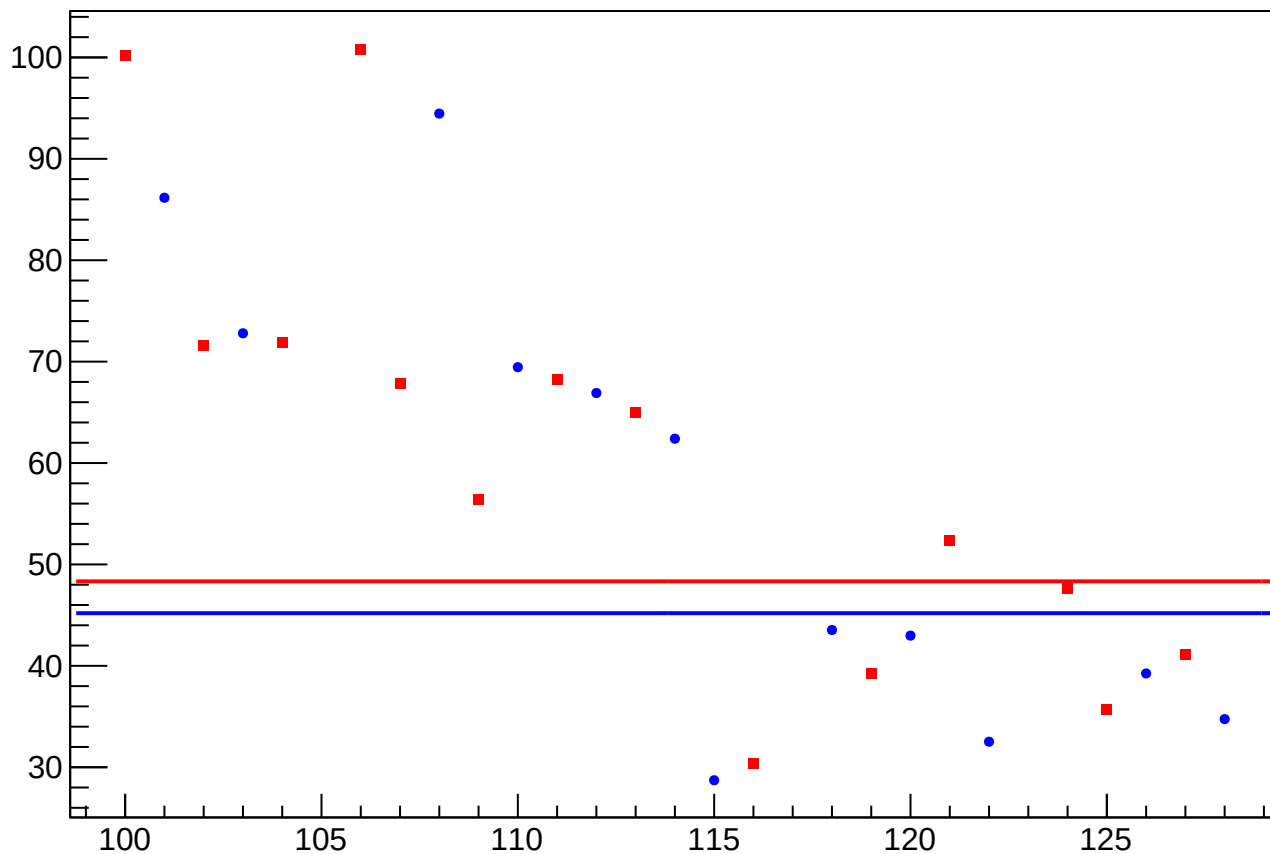
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.016 χ^2 /NDF: 31.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 45.193+/-0.016 χ^2/NDF : 1167401.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.330+/-0.016 χ^2/NDF : 934062.3/13

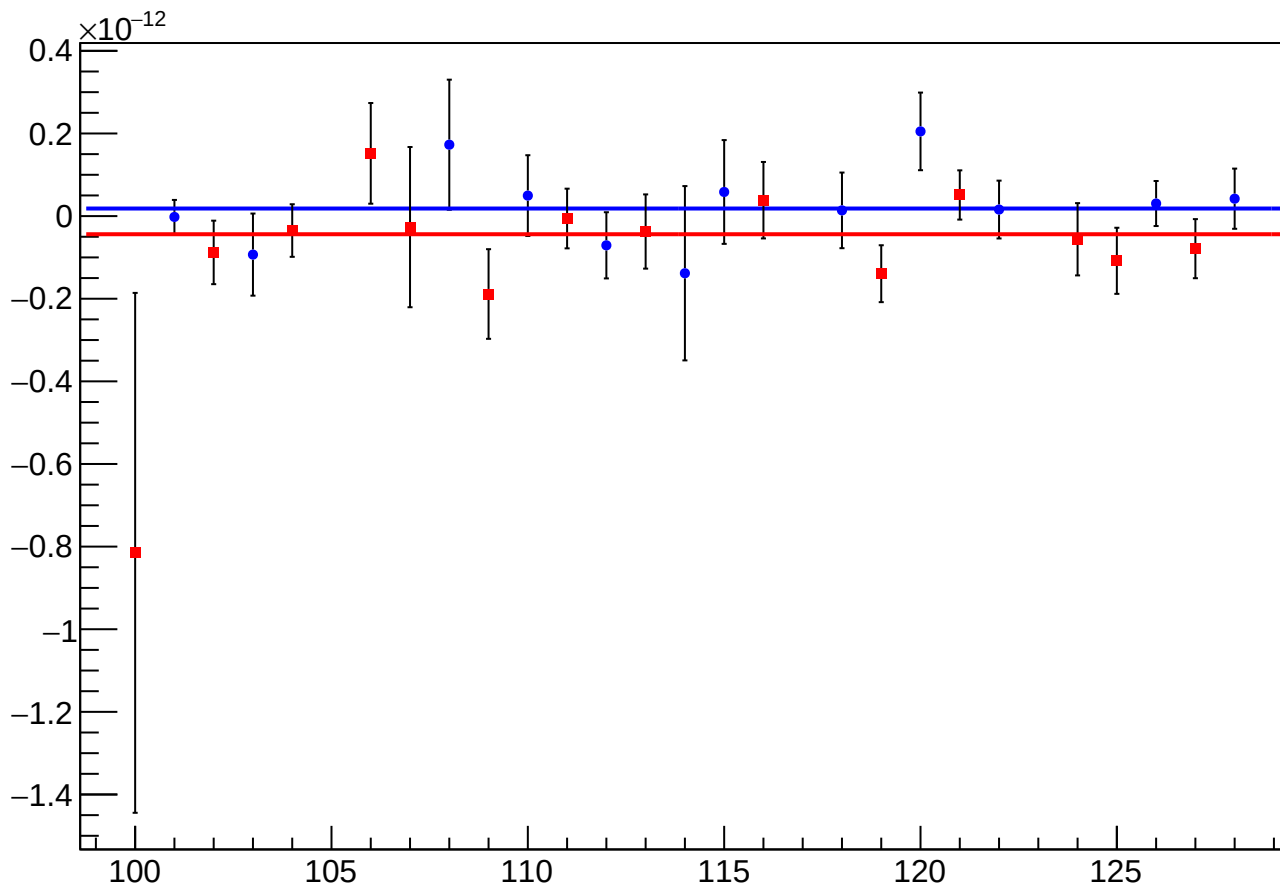
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.759+/-0.011 χ^2/NDF : 2121315.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.7/13

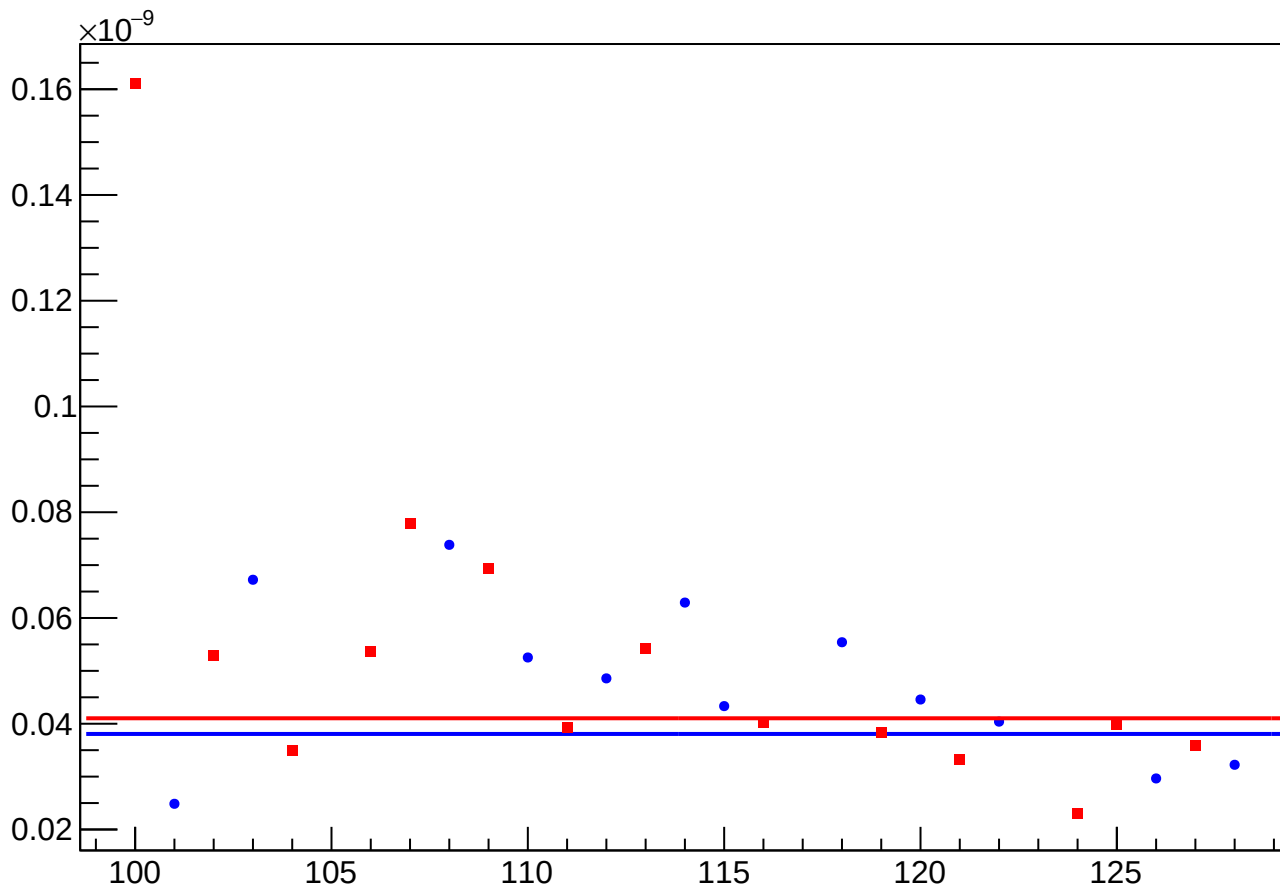
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 25.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 734918.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 545875.2/13

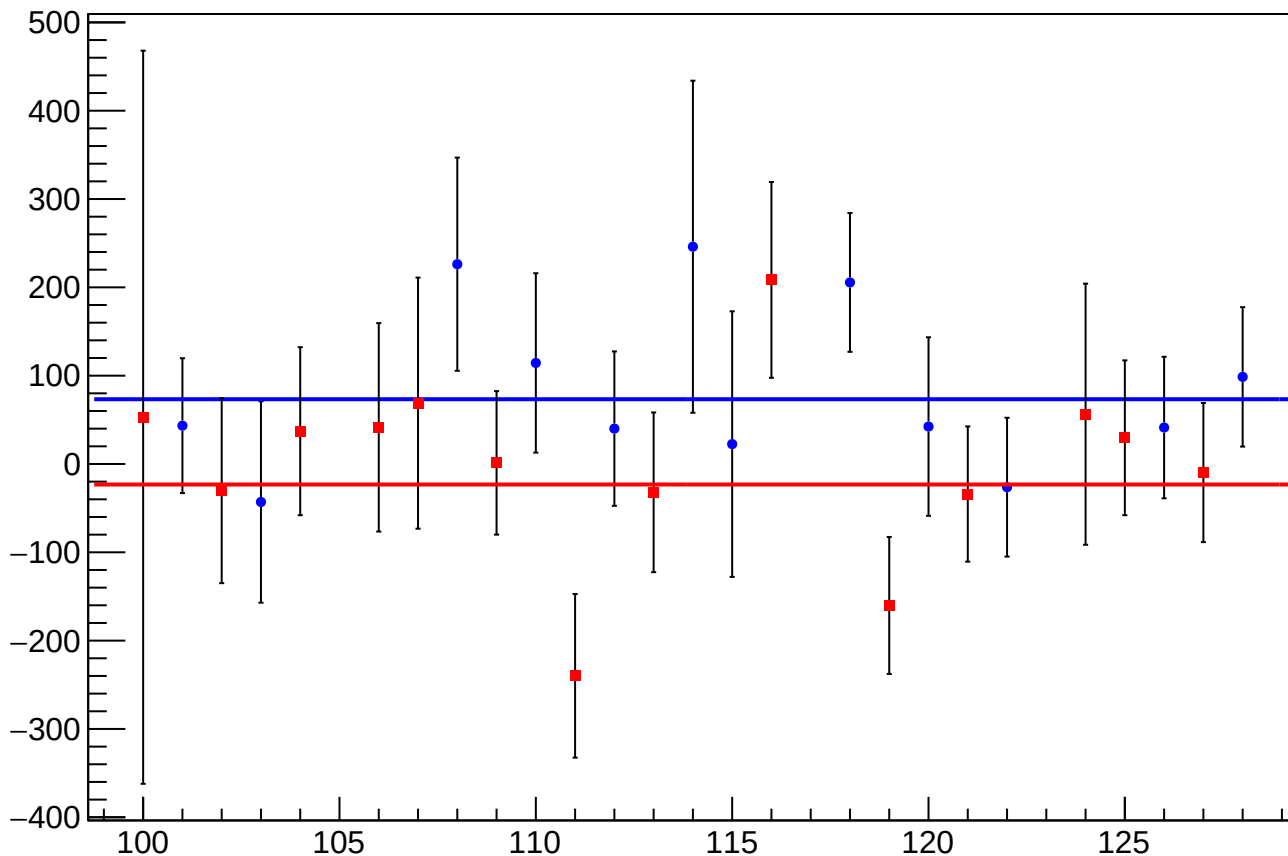
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1298546.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_48_dd_mean vs Slug



Right In: 73.329+/-27.161 χ^2/NDF : 8.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.236+/-26.044 χ^2/NDF : 14.9/13

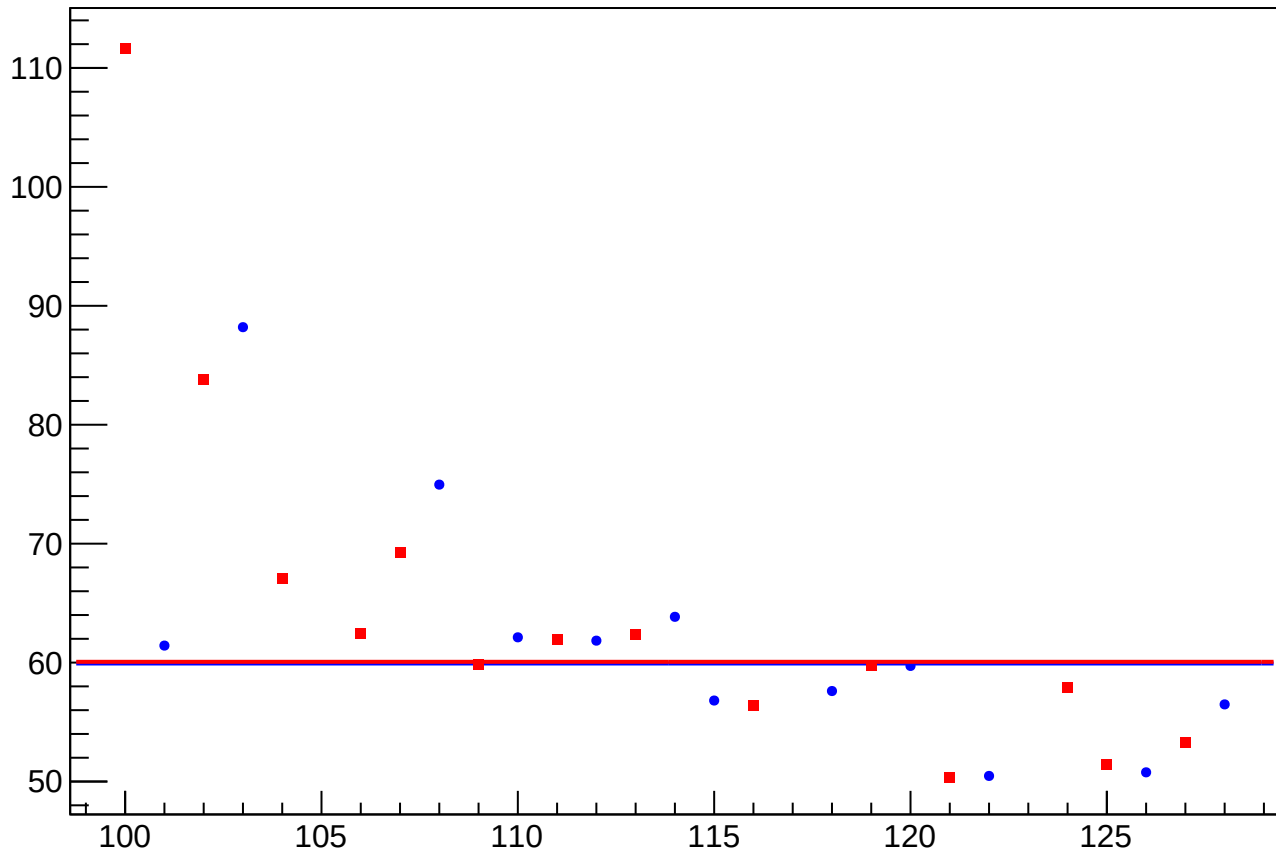
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.020+/-18.798 χ^2/NDF : 30.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_rms vs Slug



Right In: 59.925+/-0.019 χ^2/NDF : 219017.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.066+/-0.018 χ^2/NDF : 224783.4/13

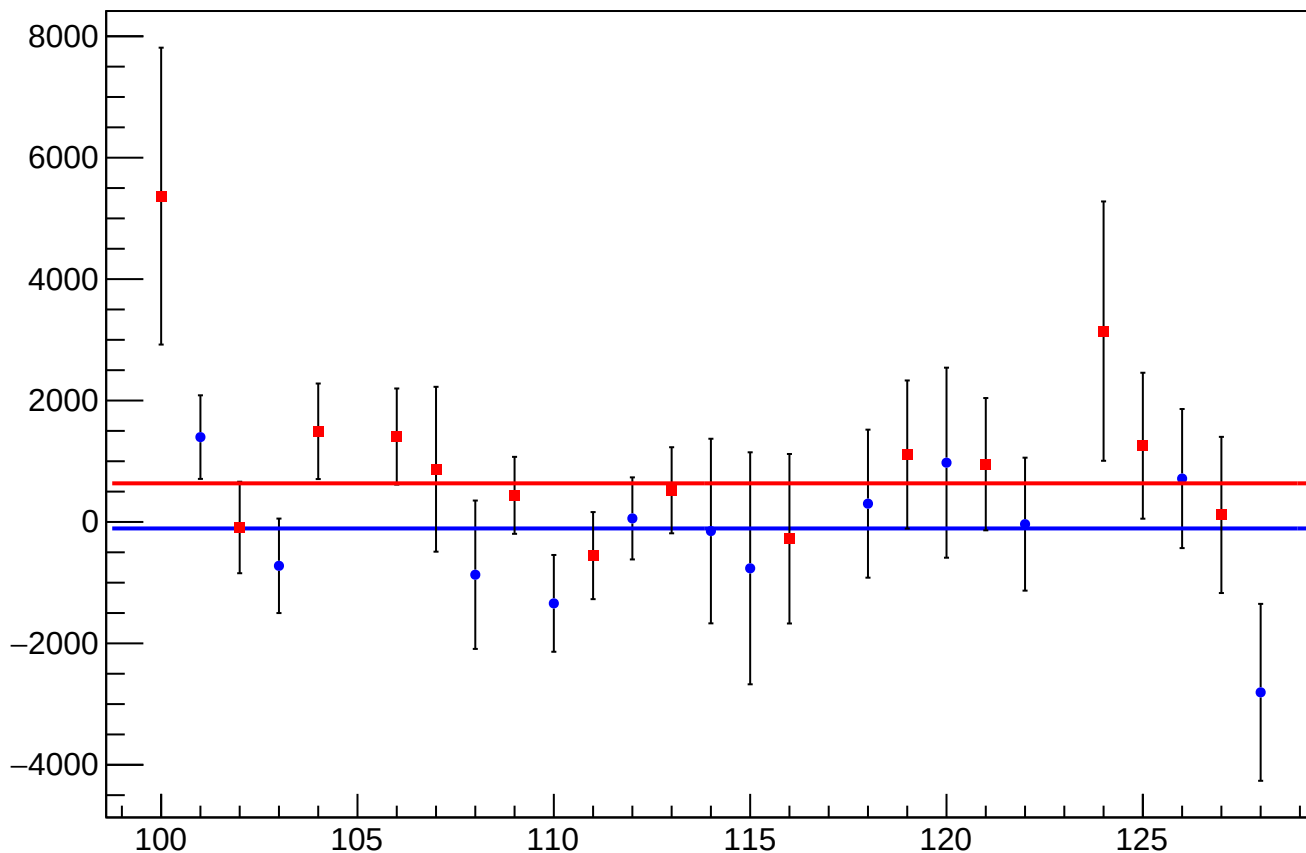
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.998+/-0.013 χ^2/NDF : 443829.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_reg_correction_mean vs Slug



Right In: -106.927+/-288.094 χ^2/NDF : 12.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 636.102+/-252.782 χ^2/NDF : 12.2/13

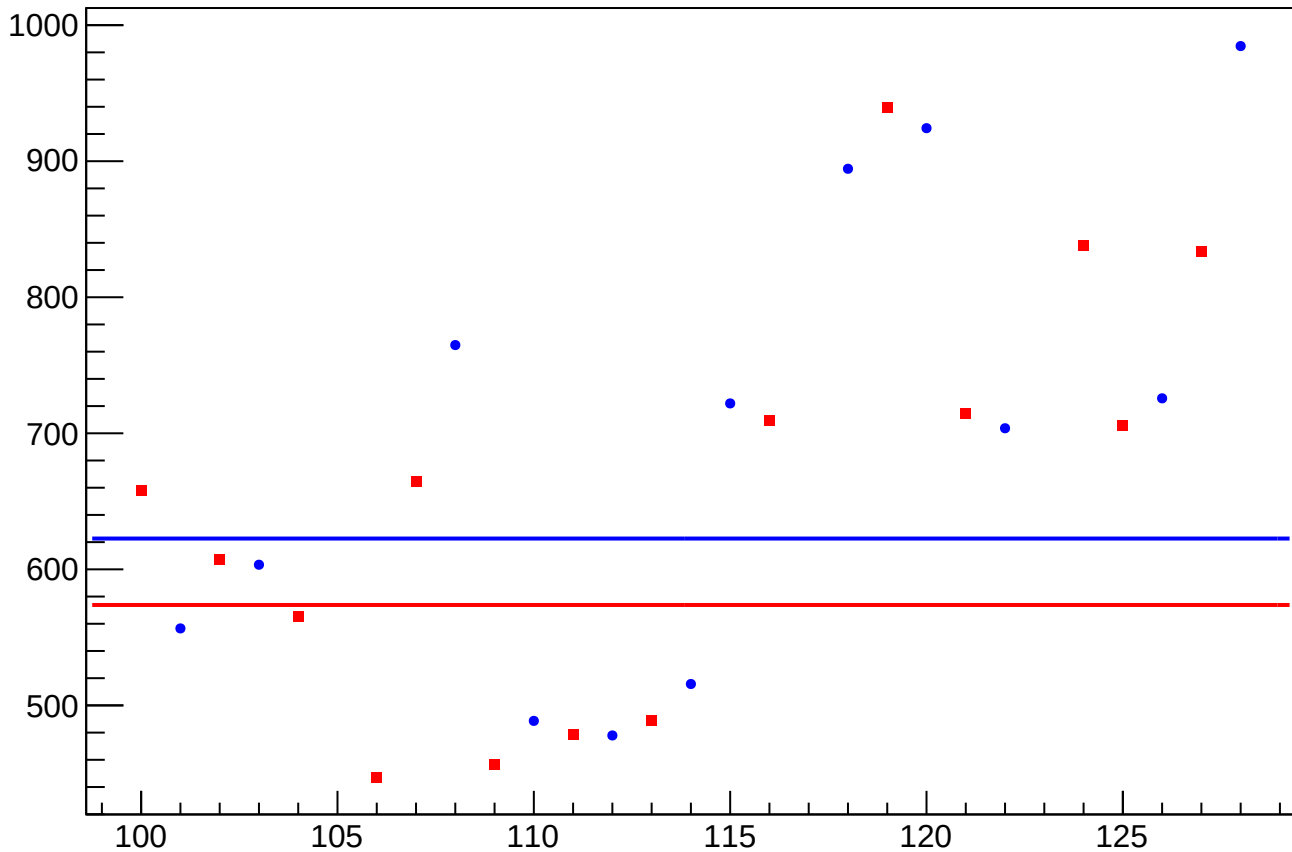
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.893+/-190.009 χ^2/NDF : 28.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_reg_correction_rms vs Slug



Right In: 622.640 $\pm$ 0.204 χ^2 /NDF: 534530.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 573.806 $\pm$ 0.179 χ^2 /NDF: 567266.6/13

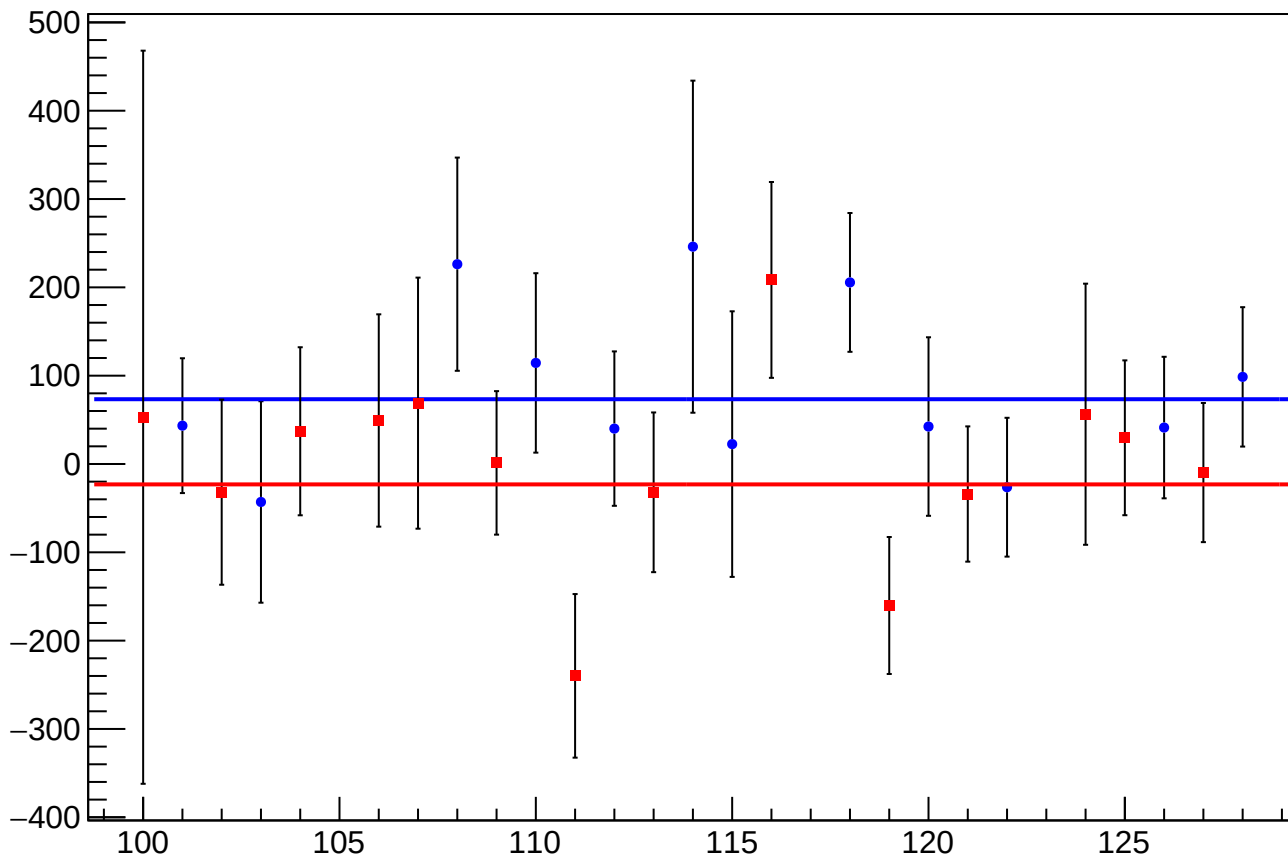
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 595.048 $\pm$ 0.134 χ^2 /NDF: 1134266.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_15_48_dd_mean vs Slug



Right In: 73.339+/-27.161 χ^2/NDF : 8.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.101+/-26.068 χ^2/NDF : 15.0/13

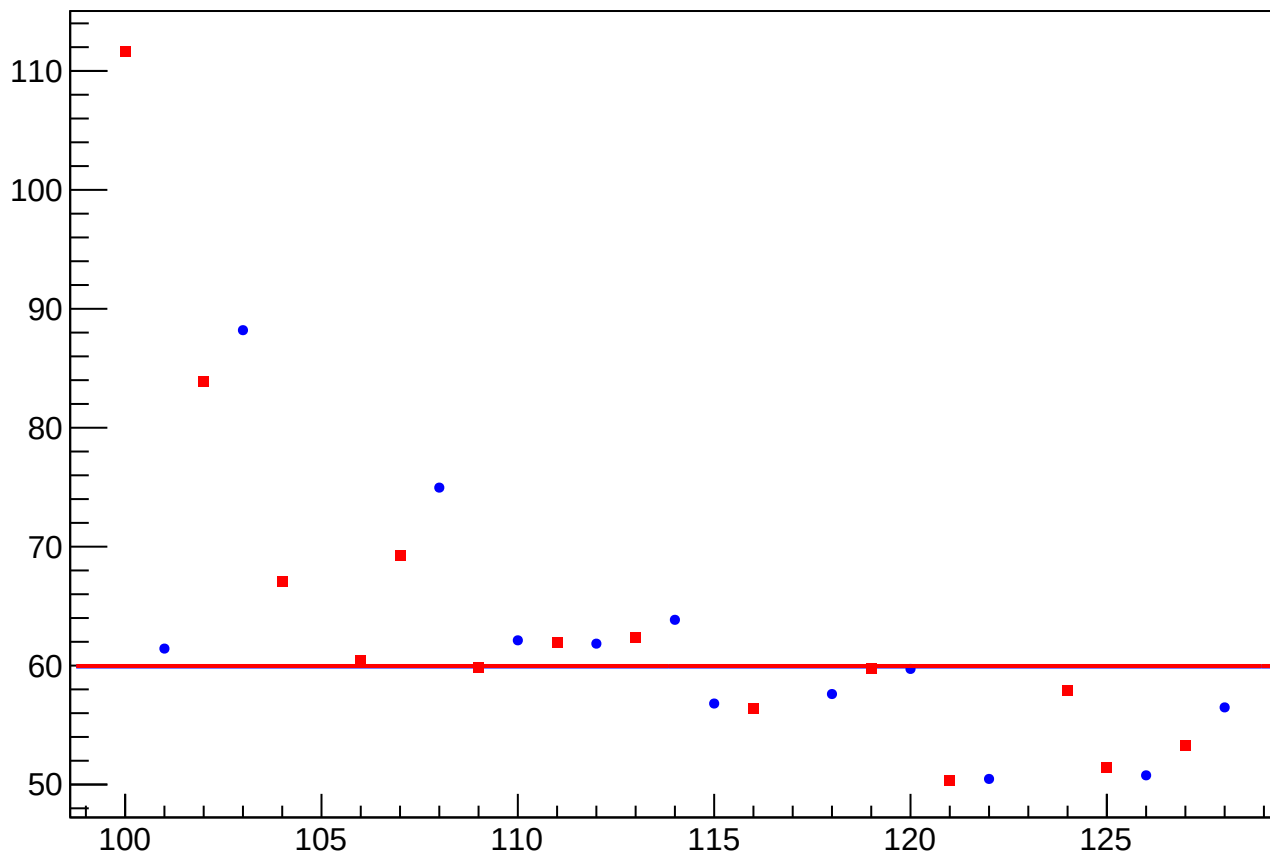
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.139+/-18.807 χ^2/NDF : 30.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_48_dd_rms vs Slug



Right In: 59.925+/-0.019 χ^2/NDF : 219021.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.967+/-0.018 χ^2/NDF : 224174.1/13

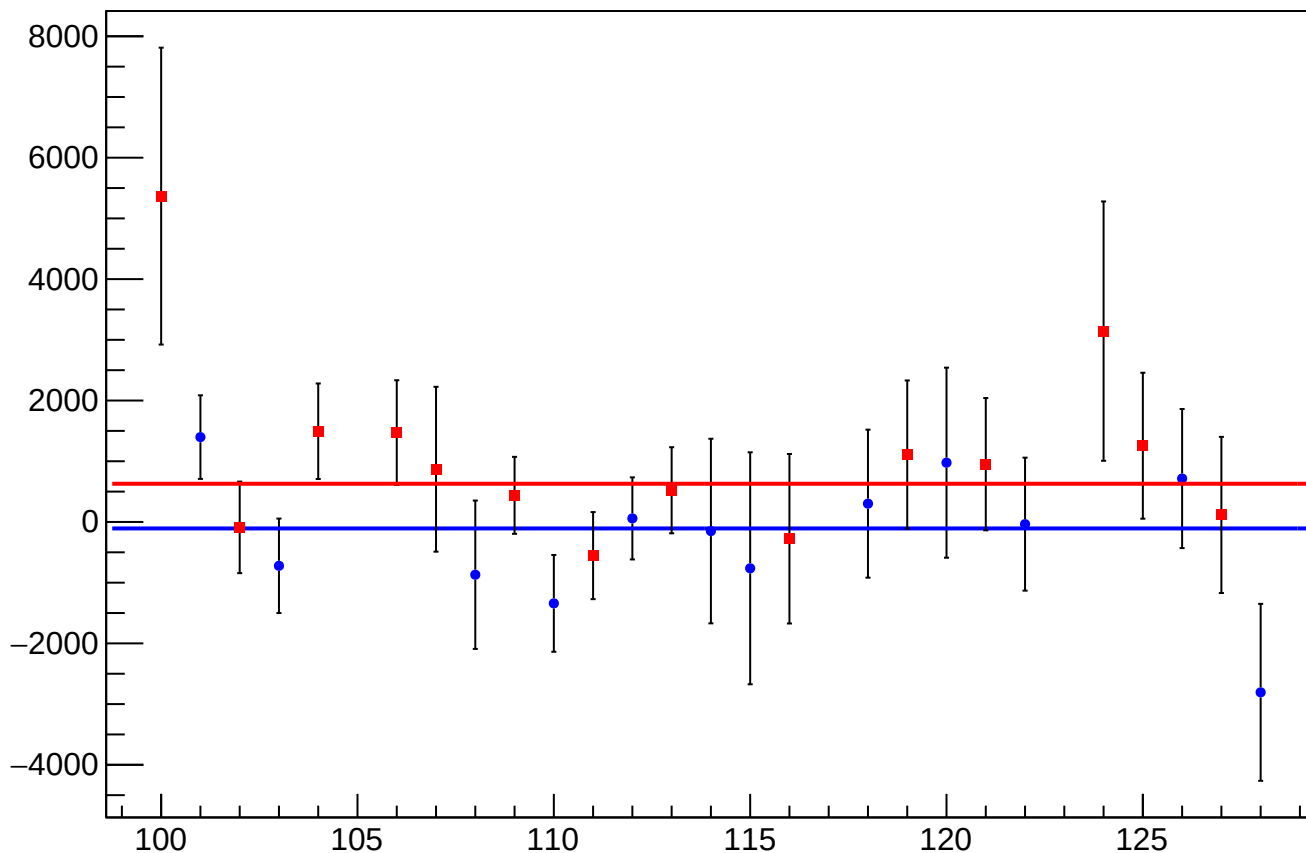
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.947+/-0.013 χ^2/NDF : 443197.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_cor_correction_mean vs Slug



Right In: -106.876+/-288.098 χ^2/NDF : 12.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 629.357+/-254.867 χ^2/NDF : 12.2/13

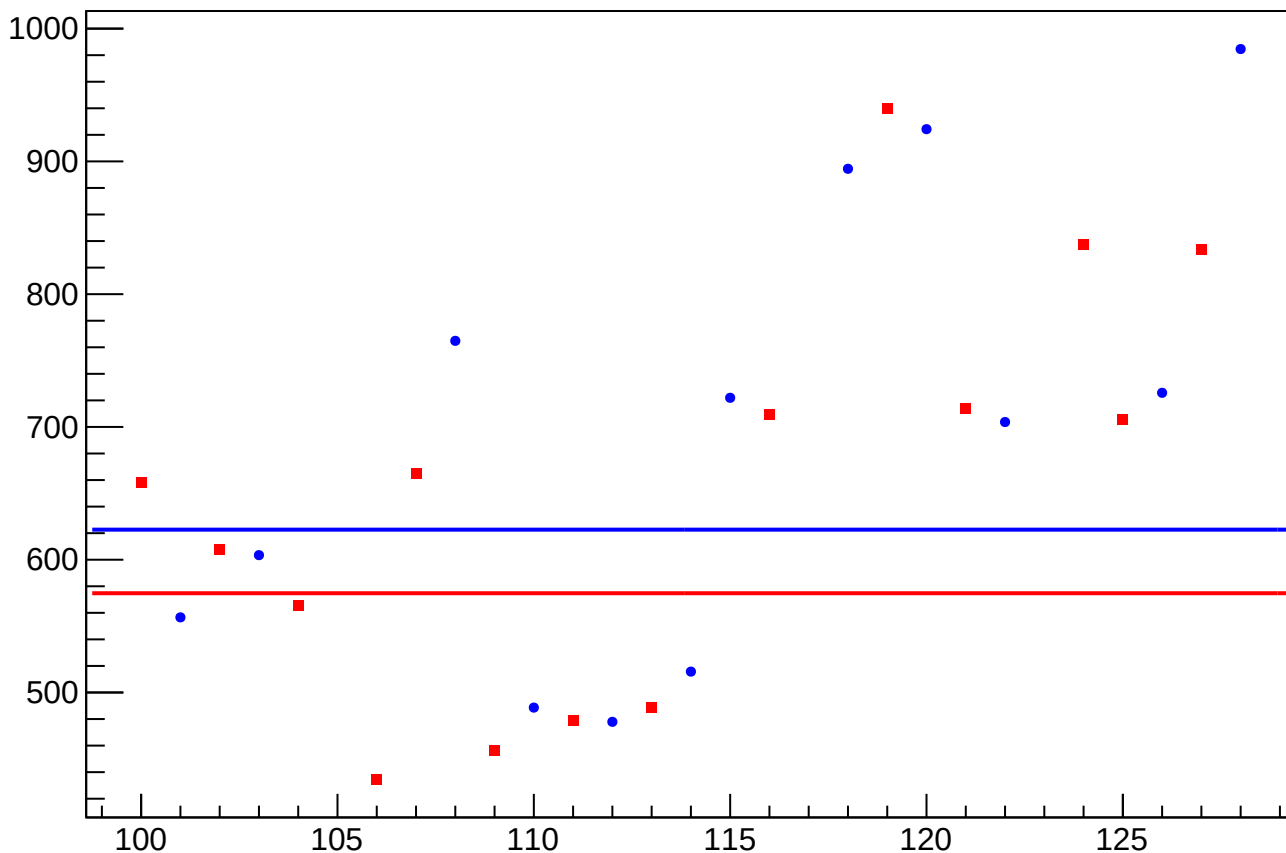
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 306.132+/-190.891 χ^2/NDF : 28.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_cor_correction_rms vs Slug



Right In: 622.647+/-0.204 χ^2/NDF : 534524.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 574.761+/-0.180 χ^2/NDF : 568656.7/13

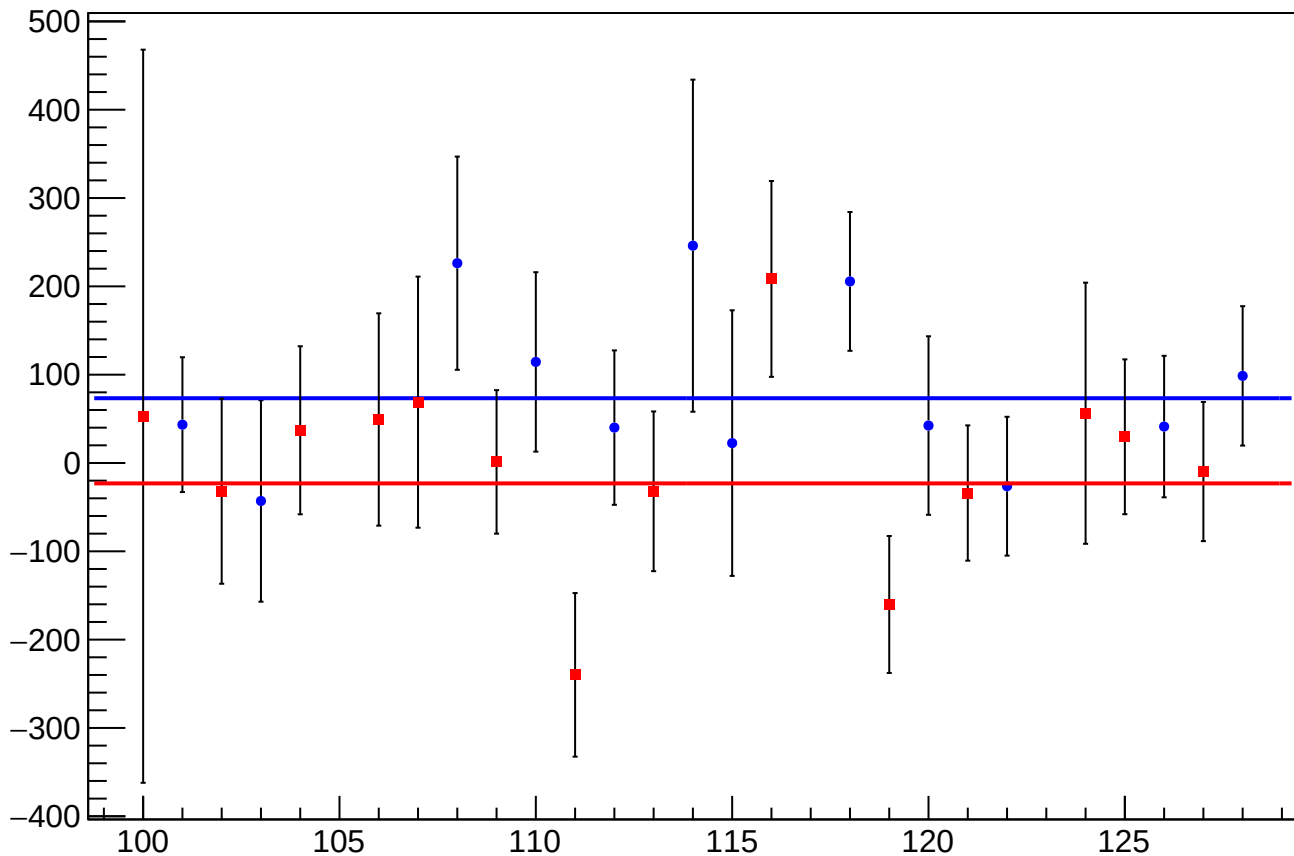
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 595.784+/-0.135 χ^2/NDF : 1134177.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_48_dd_mean vs Slug



Right In: 73.339+/-27.161 χ^2/NDF : 8.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.101+/-26.068 χ^2/NDF : 15.0/13

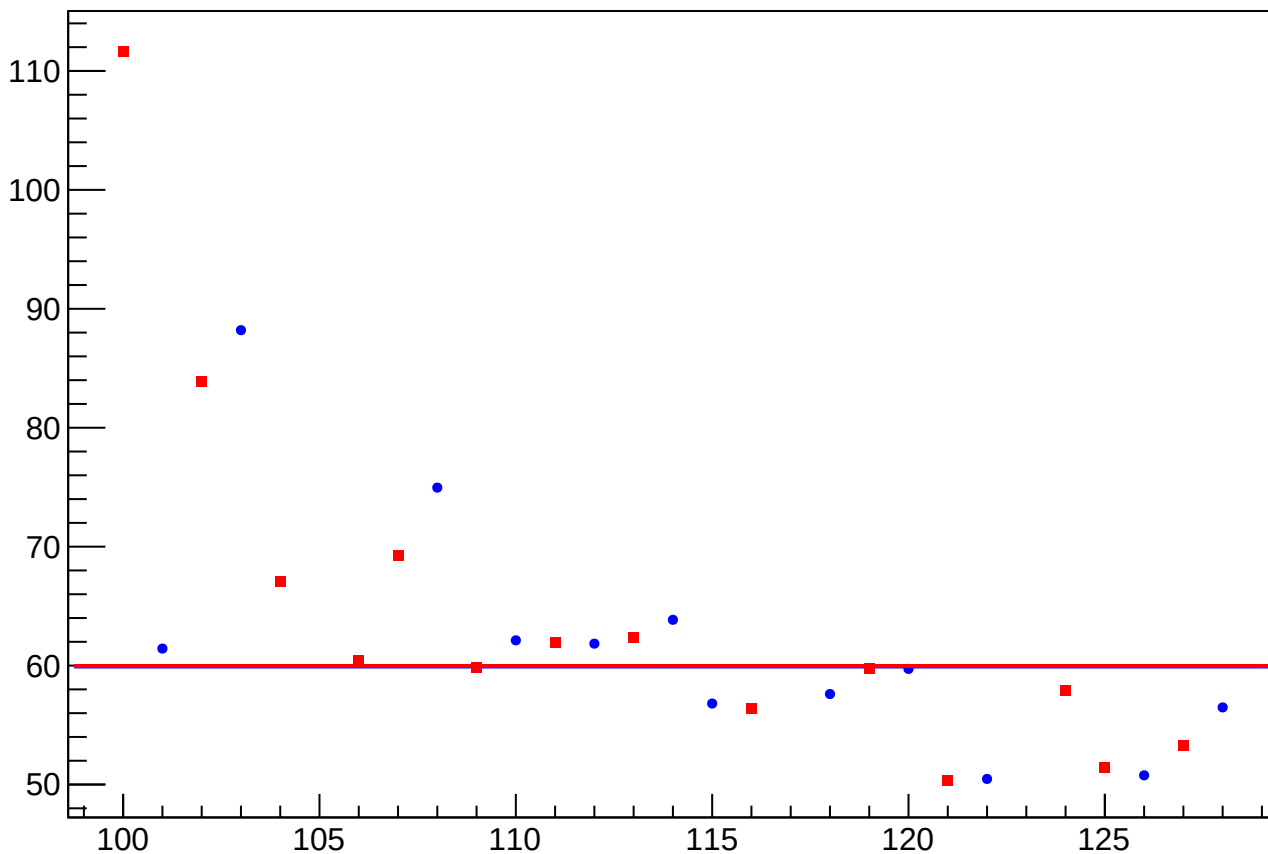
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.139+/-18.807 χ^2/NDF : 30.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_48_dd_rms vs Slug



Right In: 59.925+/-0.019 χ^2/NDF : 219021.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.967+/-0.018 χ^2/NDF : 224174.1/13

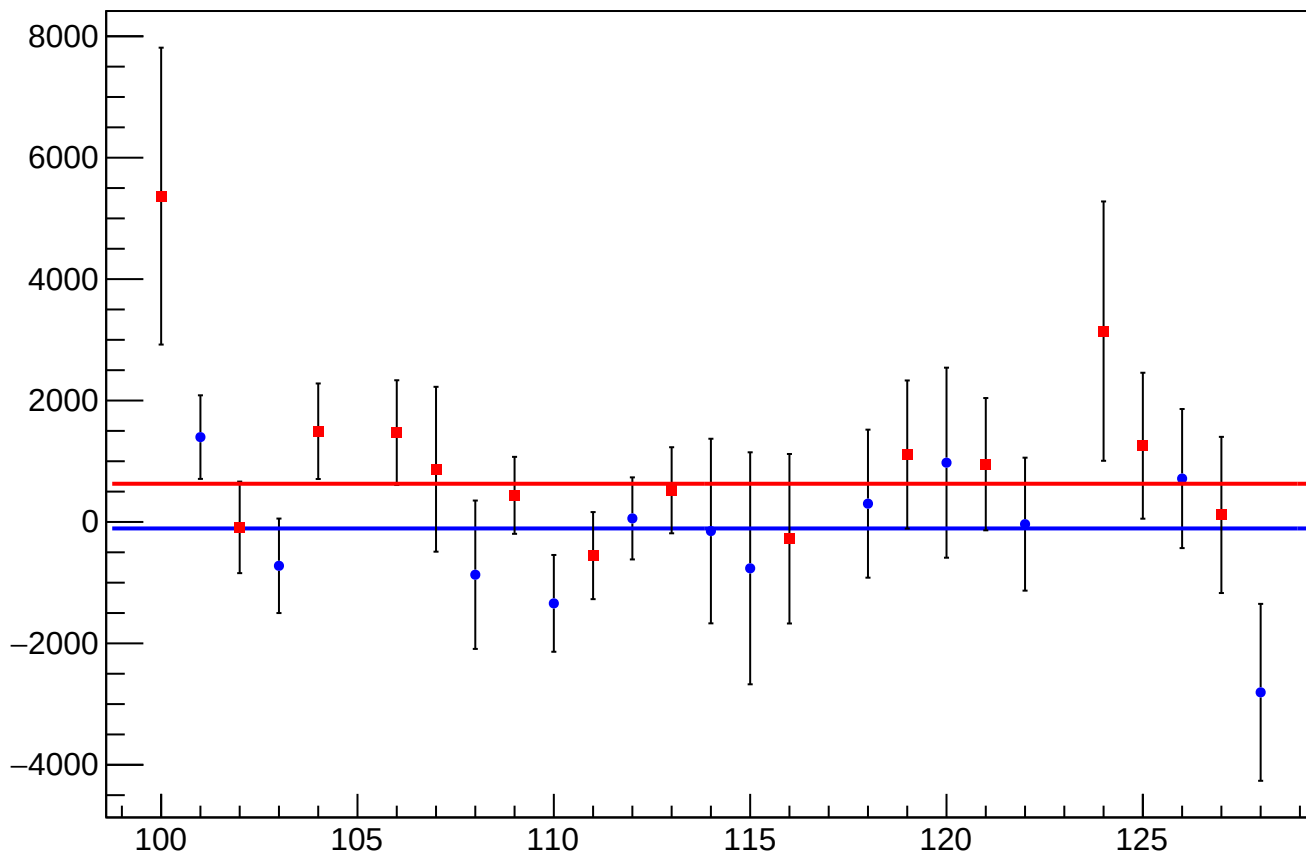
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.947+/-0.013 χ^2/NDF : 443197.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_eigen_cor_correction_mean vs Slug



Right In: -106.876+/-288.098 χ^2/NDF : 12.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 629.357+/-254.867 χ^2/NDF : 12.2/13

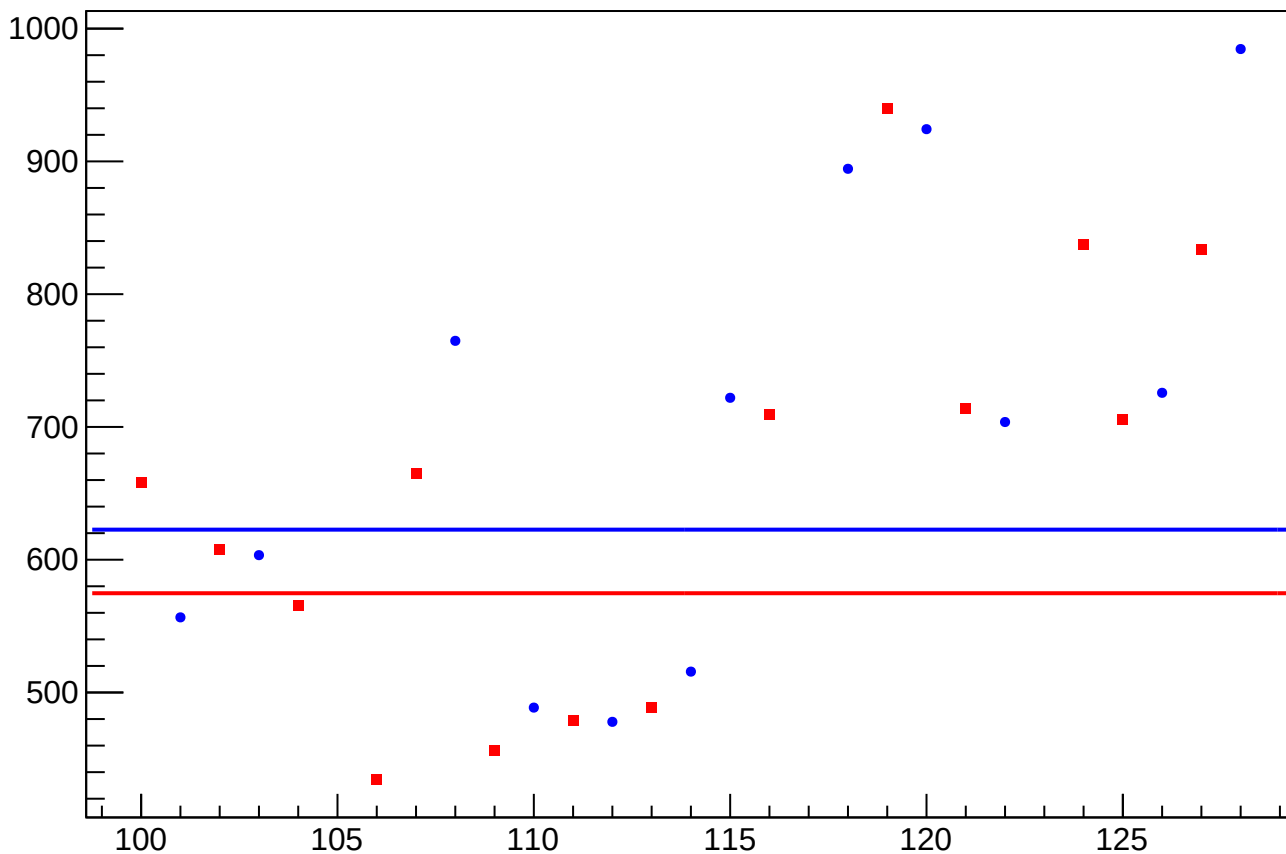
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 306.132+/-190.891 χ^2/NDF : 28.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_eigen_cor_correction_rms vs Slug



Right In: 622.647+/-0.204 χ^2/NDF : 534524.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 574.761+/-0.180 χ^2/NDF : 568656.7/13

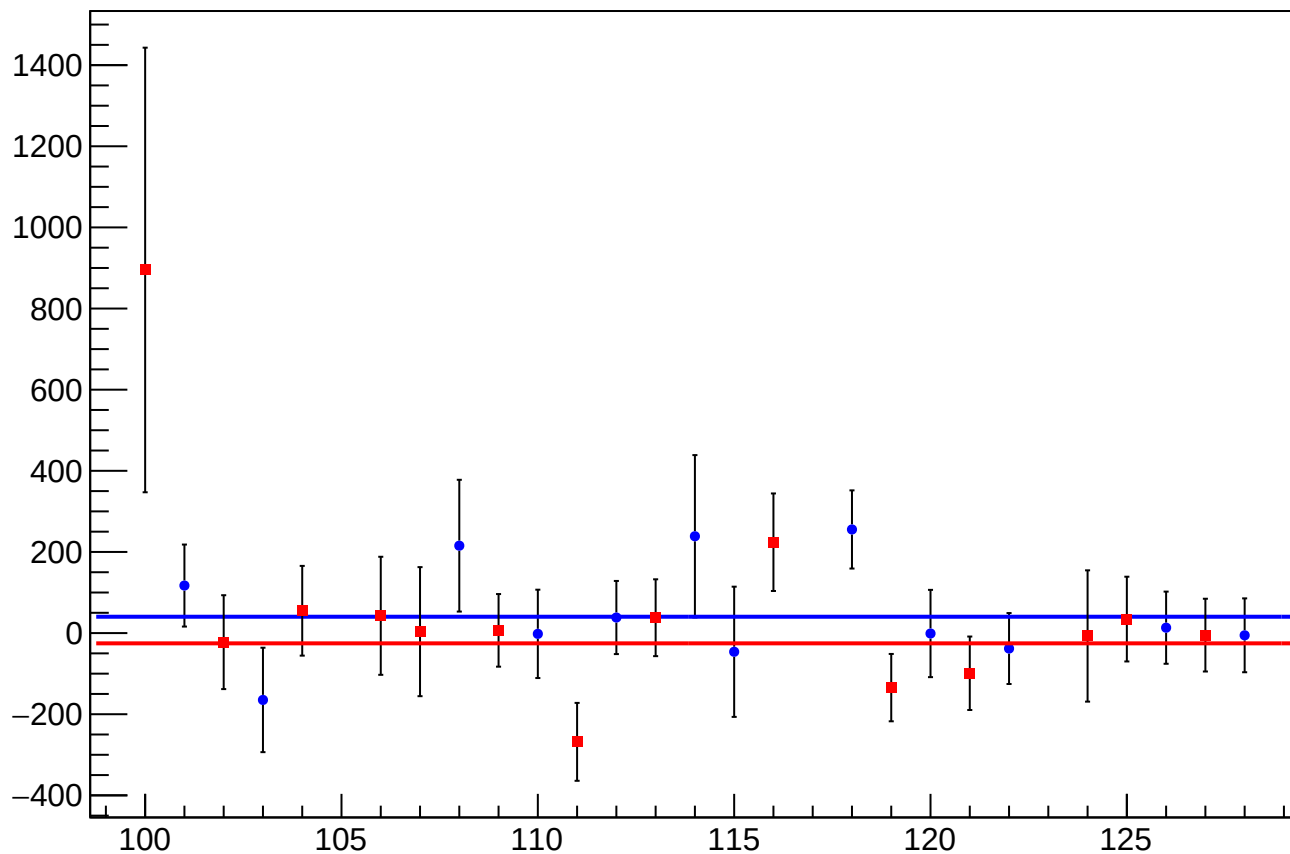
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 595.784+/-0.135 χ^2/NDF : 1134177.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_48_dd_mean vs Slug



Right In: 40.307 $\pm$ 31.019 χ^2 /NDF: 12.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -25.290 $\pm$ 29.089 χ^2 /NDF: 17.7/13

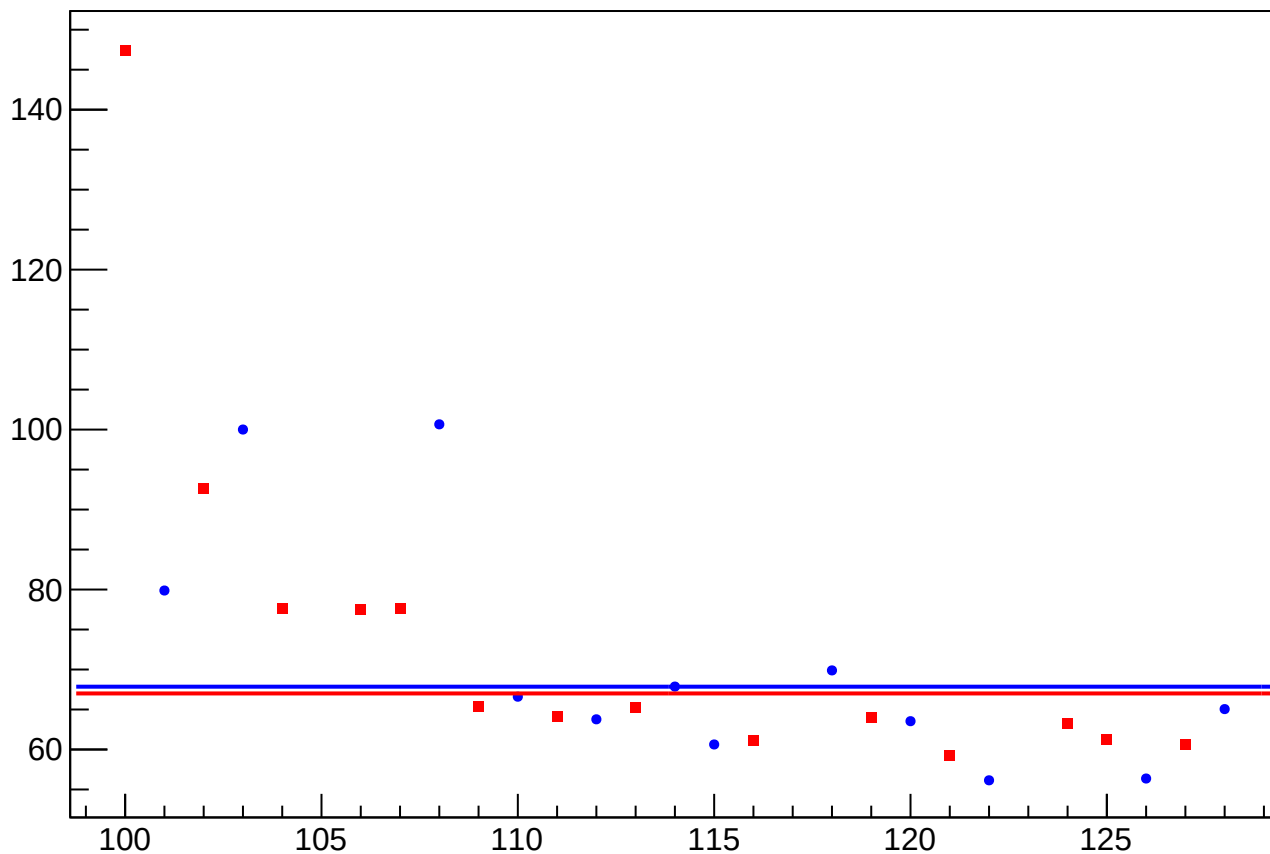
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.405 $\pm$ 21.218 χ^2 /NDF: 32.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_48_dd_rms vs Slug



Right In: 67.853 ± 0.022 χ^2/NDF : 318296.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 67.008 ± 0.021 χ^2/NDF : 221939.1/13

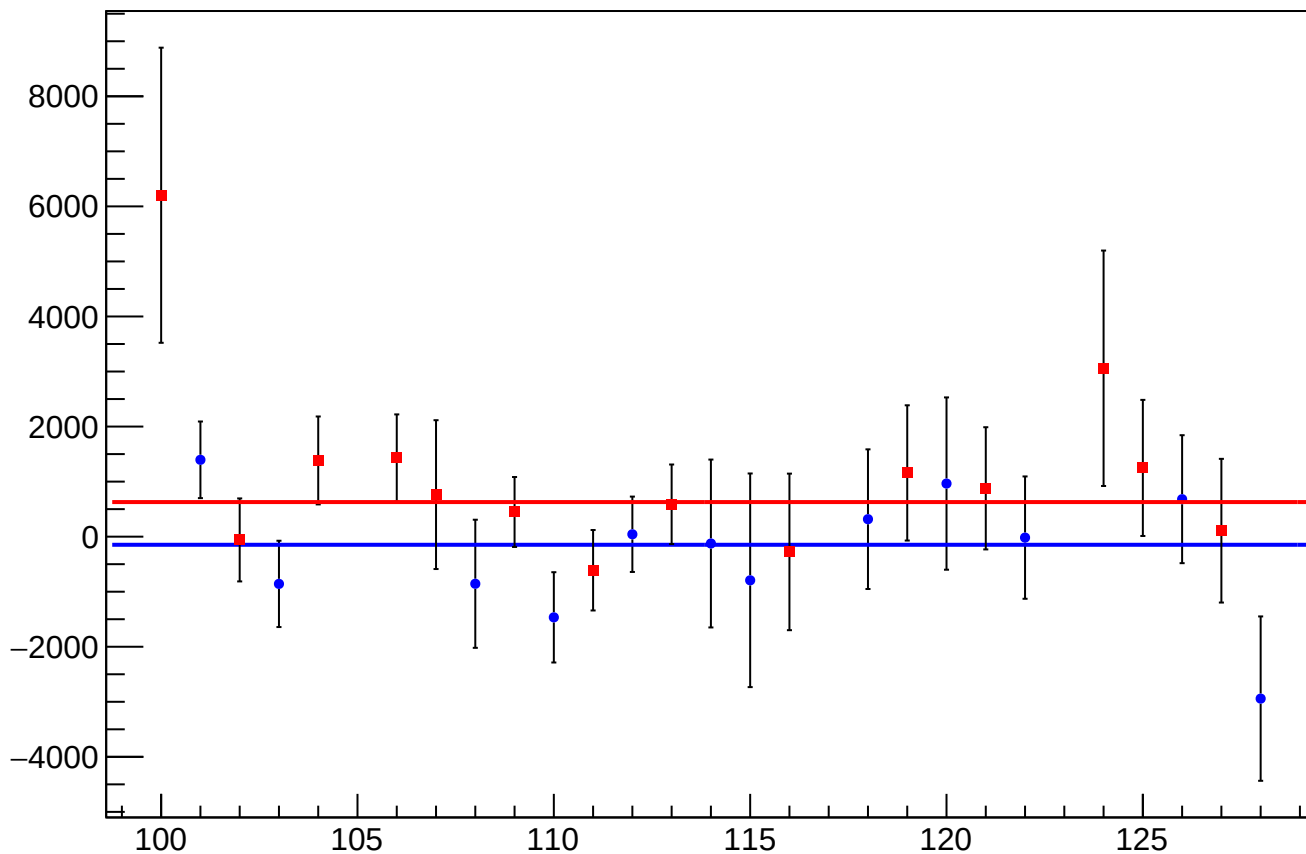
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 67.403 ± 0.015 χ^2/NDF : 541026.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_dit_correction_mean vs Slug



Right In: -147.500 ± 291.426 χ^2/NDF : 13.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 628.410 ± 255.617 χ^2/NDF : 12.4/13

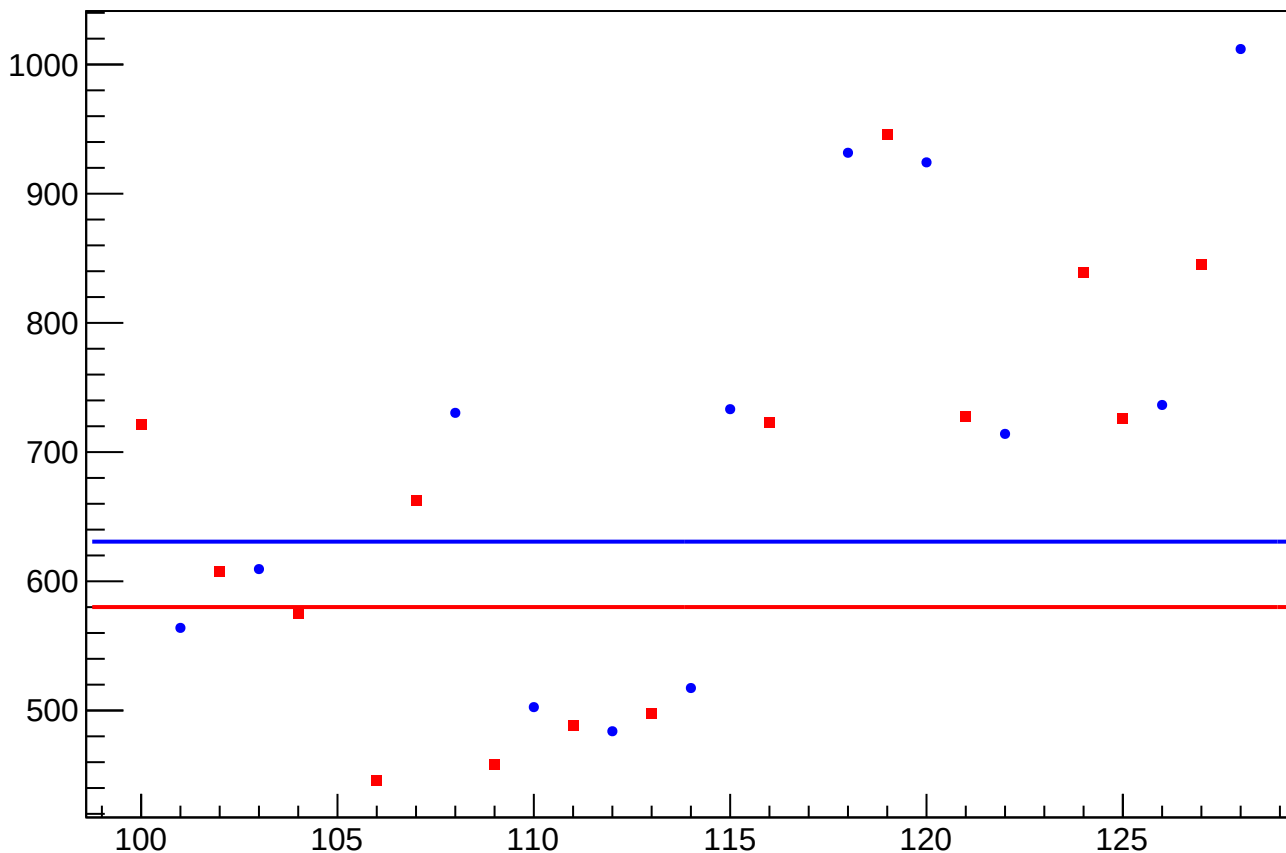
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 291.028 ± 192.169 χ^2/NDF : 29.9/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_dit_correction_rms vs Slug



Right In: 630.693+/-0.206 χ^2/NDF : 533058.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 580.062+/-0.181 χ^2/NDF : 577205.9/13

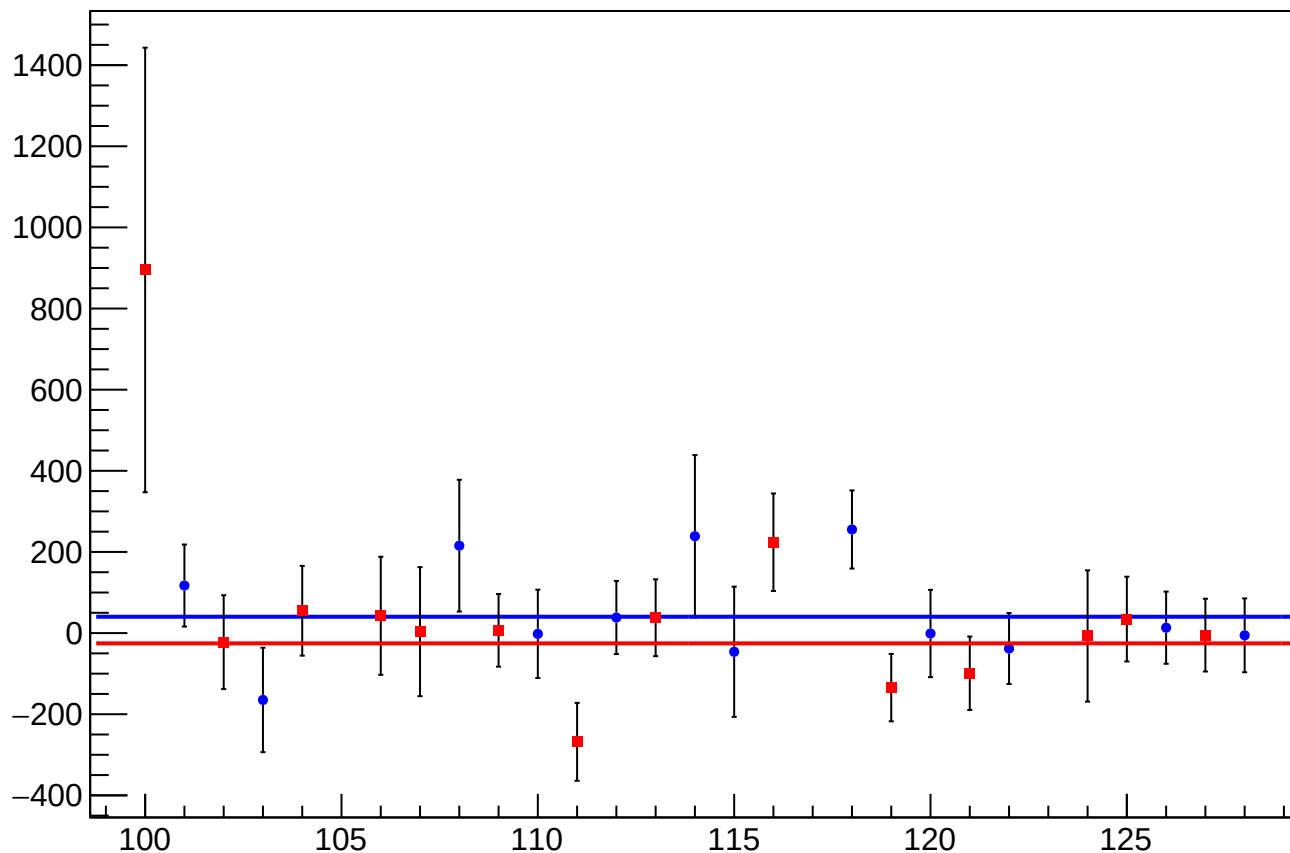
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 602.077+/-0.136 χ^2/NDF : 1144383.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_48_dd_mean vs Slug



Right In: 40.307 $\pm$ 31.019 χ^2 /NDF: 12.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -25.290 $\pm$ 29.089 χ^2 /NDF: 17.7/13

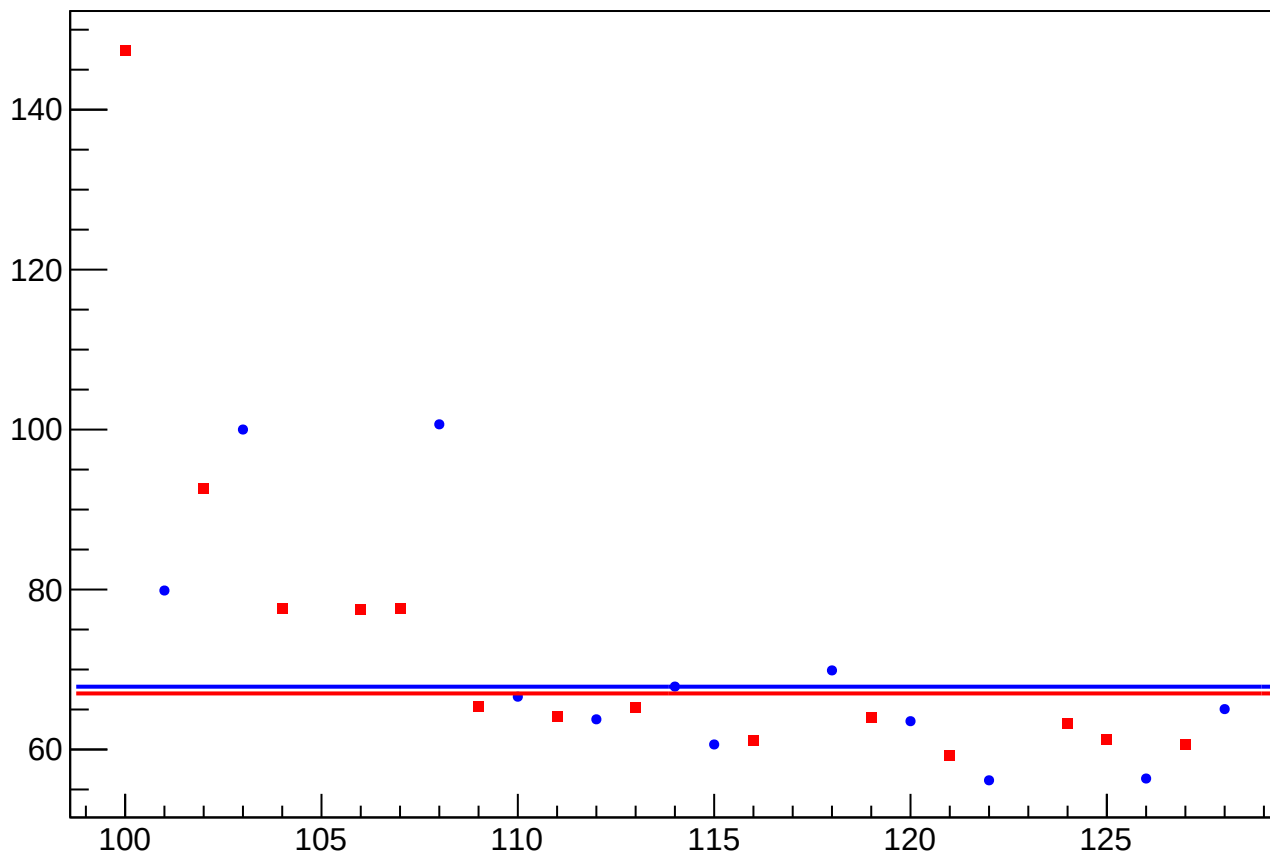
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.405 $\pm$ 21.218 χ^2 /NDF: 32.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_48_dd_rms vs Slug



Right In: 67.853+/-0.022 χ^2/NDF : 318301.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.008+/-0.021 χ^2/NDF : 221943.8/13

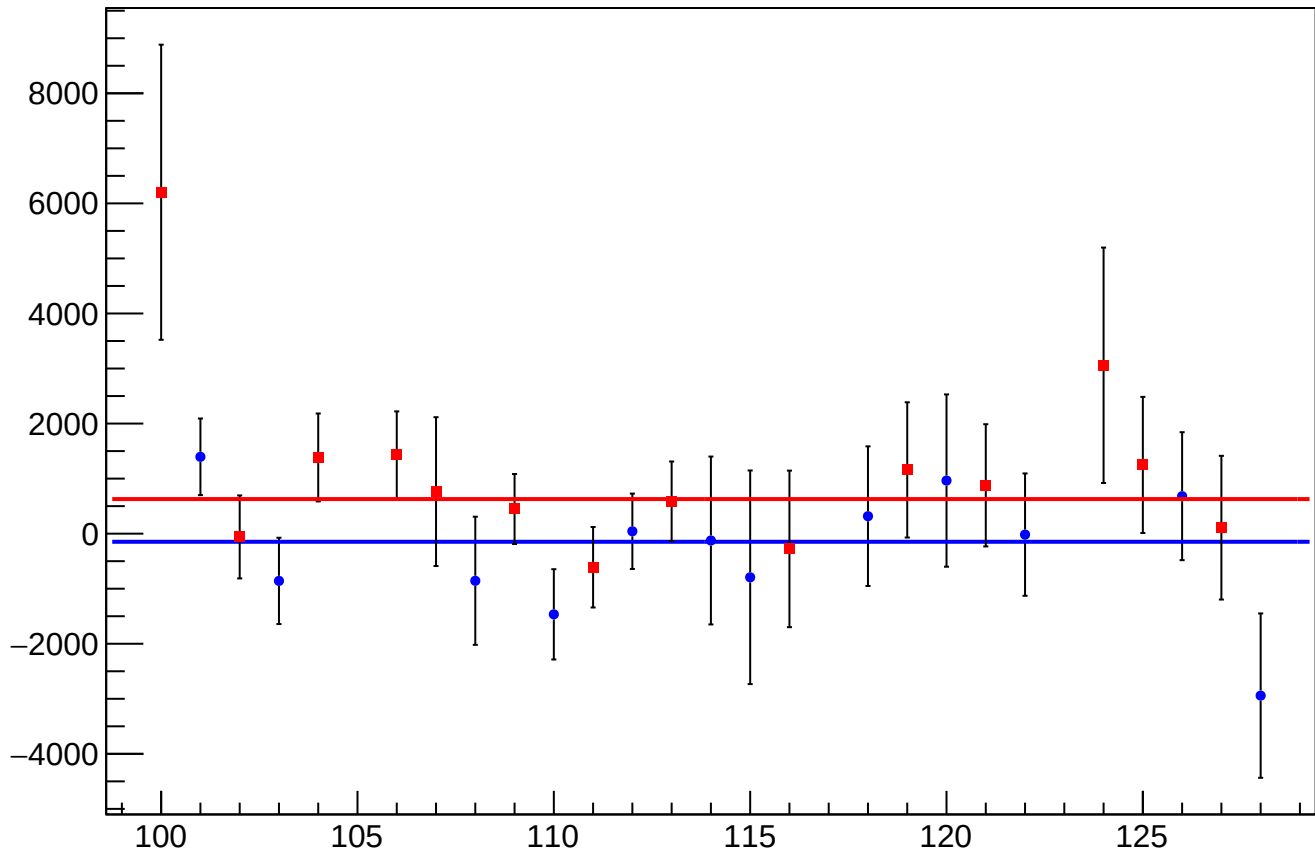
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.403+/-0.015 χ^2/NDF : 541036.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_eigen_dit_correction_mean vs Slug



Right In: -147.500+/-291.426 χ^2 /NDF: 13.5/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 628.409+/-255.617 χ^2 /NDF: 12.4/13

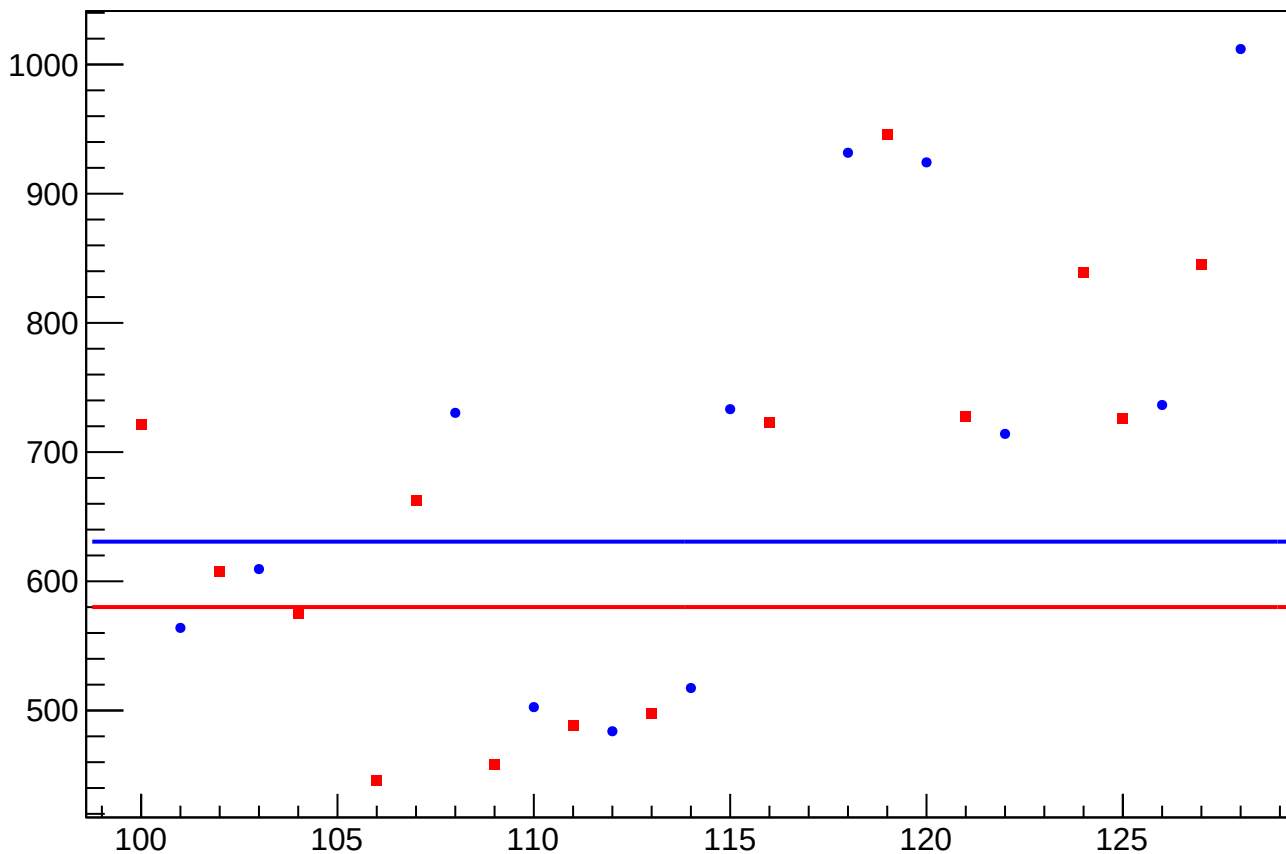
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 291.028+/-192.169 χ^2 /NDF: 29.9/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_dit_correction_rms vs Slug



Right In: 630.692+/-0.206 χ^2/NDF : 533060.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 580.061+/-0.181 χ^2/NDF : 577207.6/13

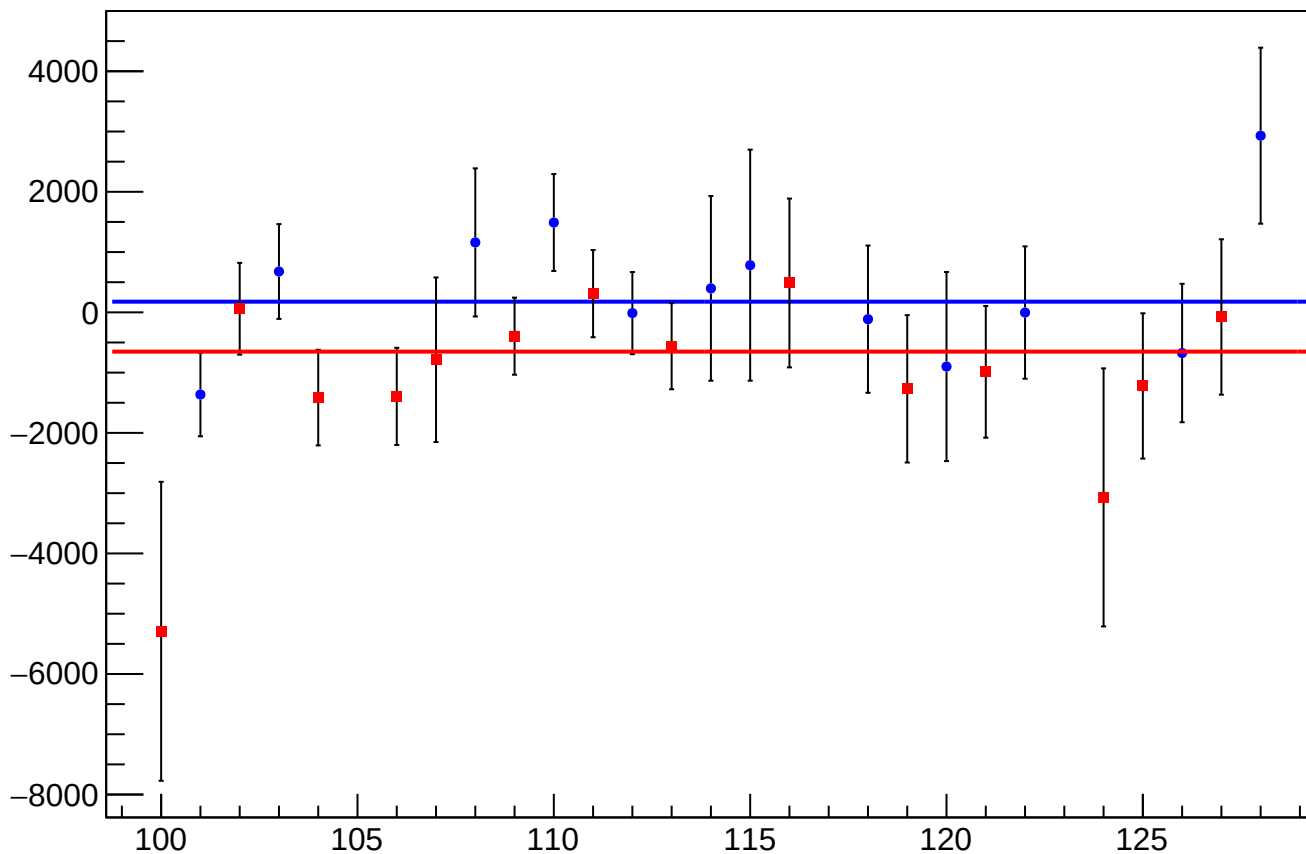
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 602.076+/-0.136 χ^2/NDF : 1144387.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_mean vs Slug



Right In: 177.019+/-289.984 χ^2/NDF : 13.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -651.627+/-254.867 χ^2/NDF : 10.8/13

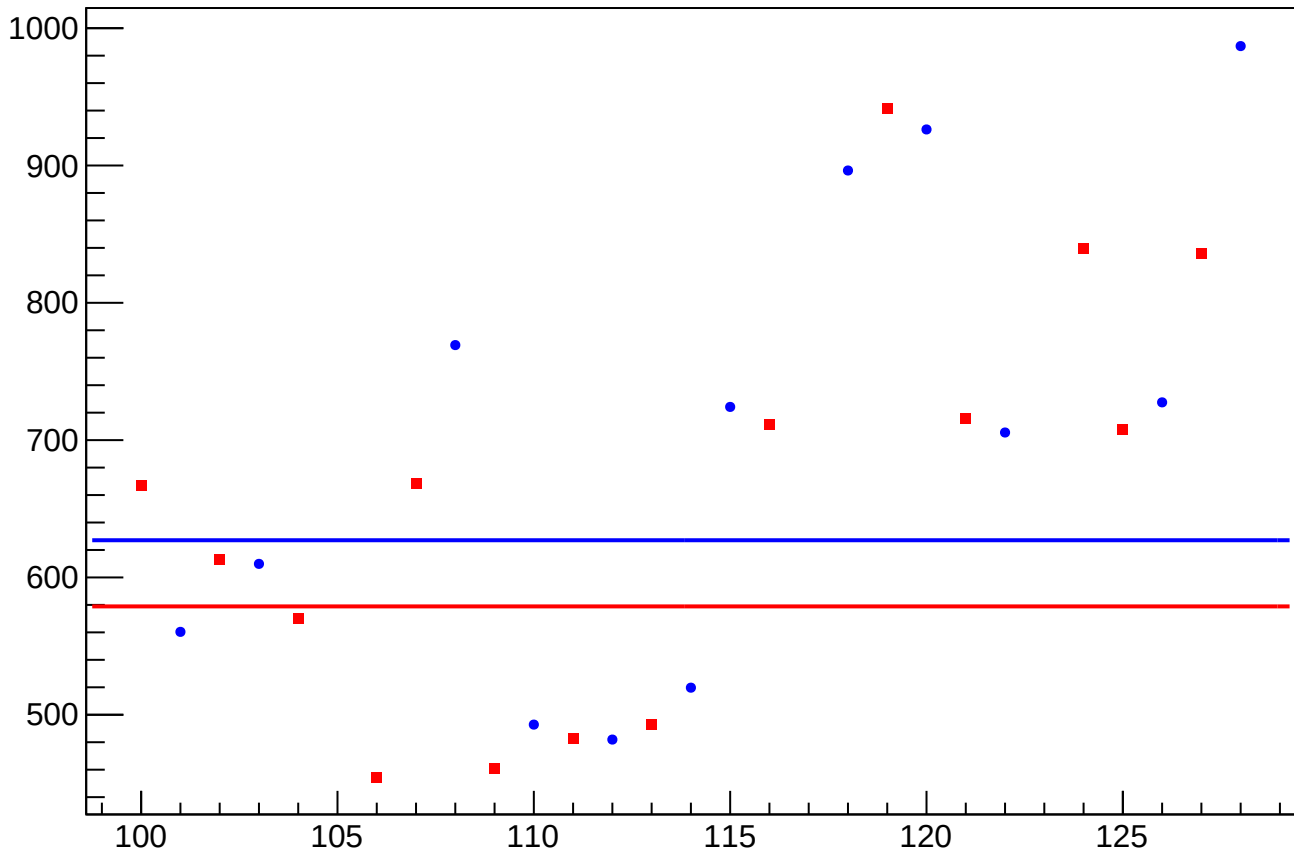
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -290.492+/-191.437 χ^2/NDF : 28.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_rms vs Slug



Right In: 627.092 ± 0.205 χ^2/NDF : 524582.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 578.911 ± 0.180 χ^2/NDF : 553154.7/13

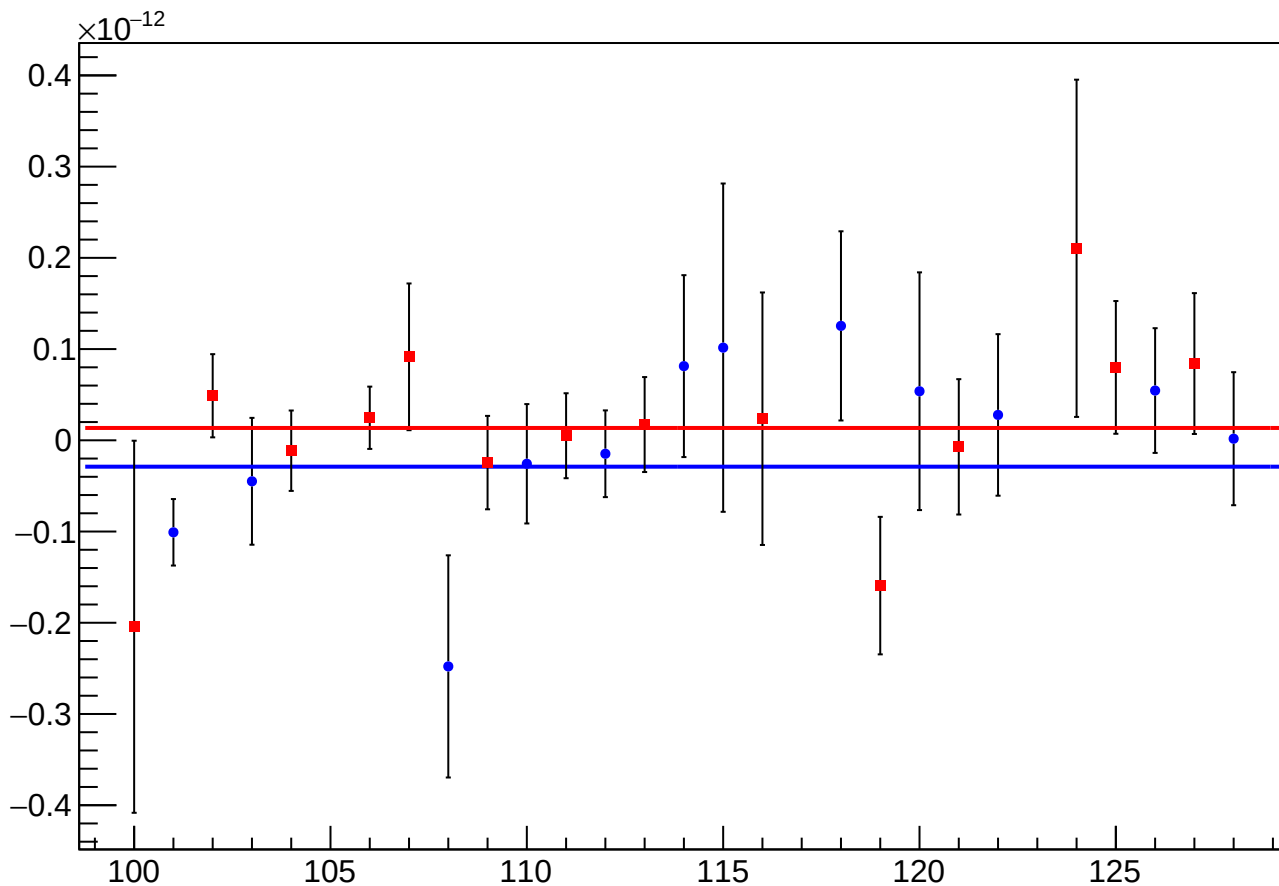
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 599.909 ± 0.135 χ^2/NDF : 1108887.1/25

- 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: 13.7/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 11.8/13

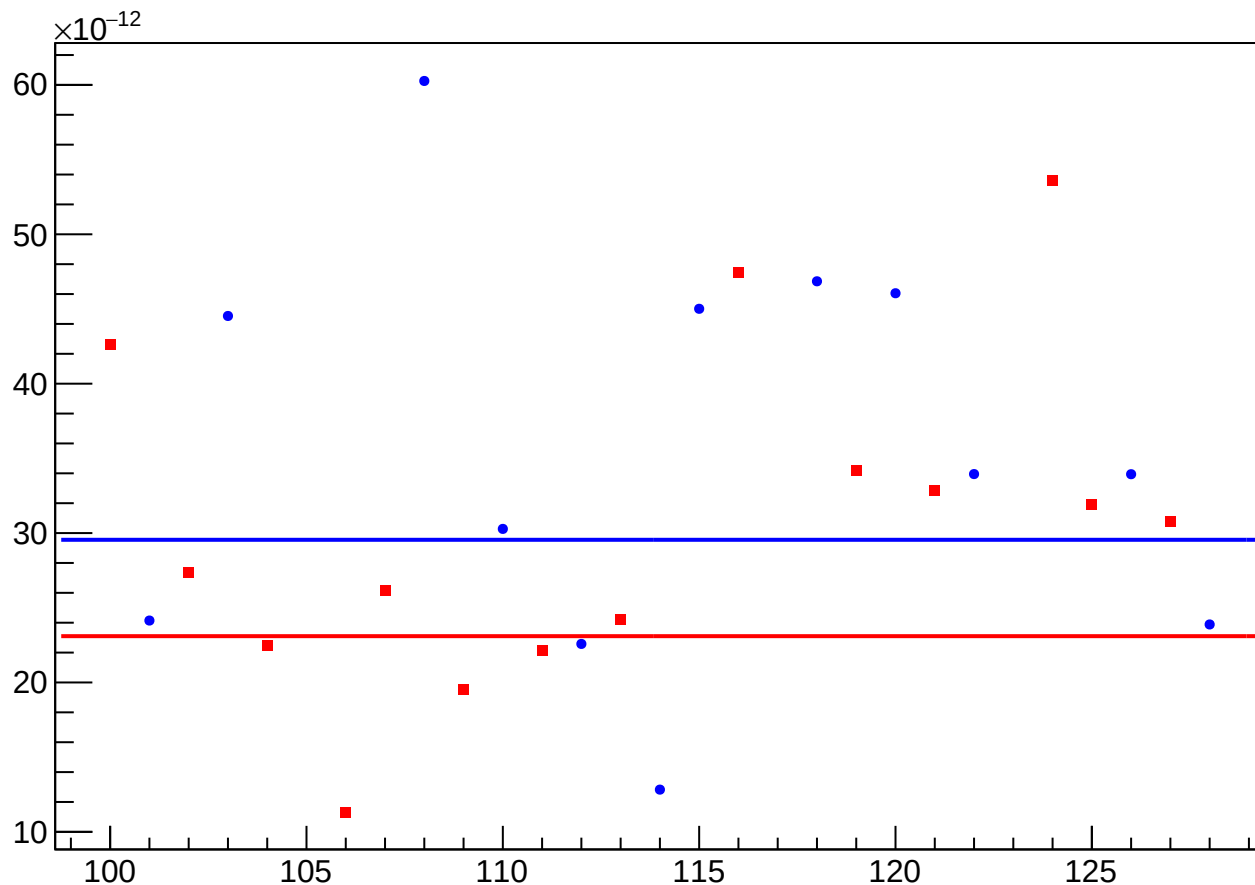
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 28.4/25

- 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 : 491458.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 533266.4/13

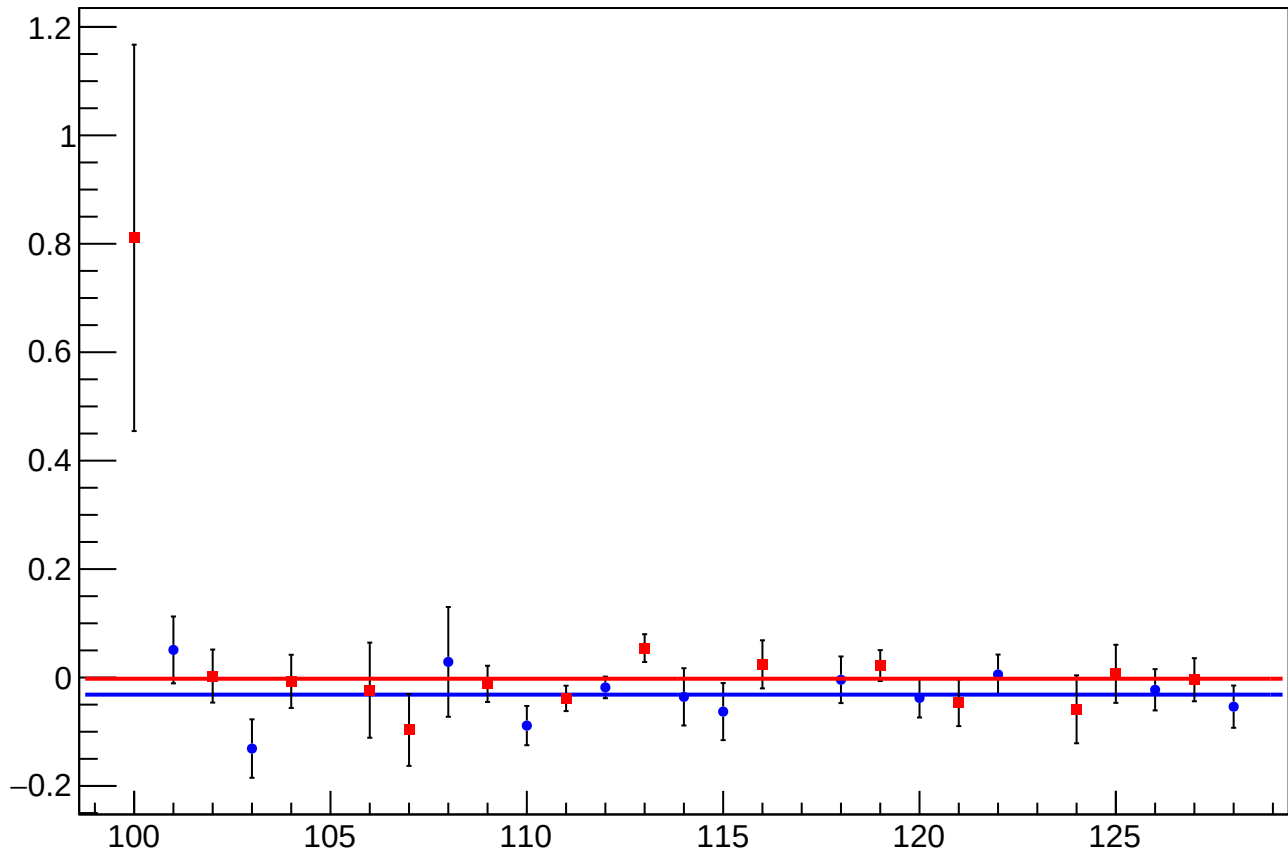
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1153776.0/25

- 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: 10.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.011 χ^2 /NDF: 17.7/13

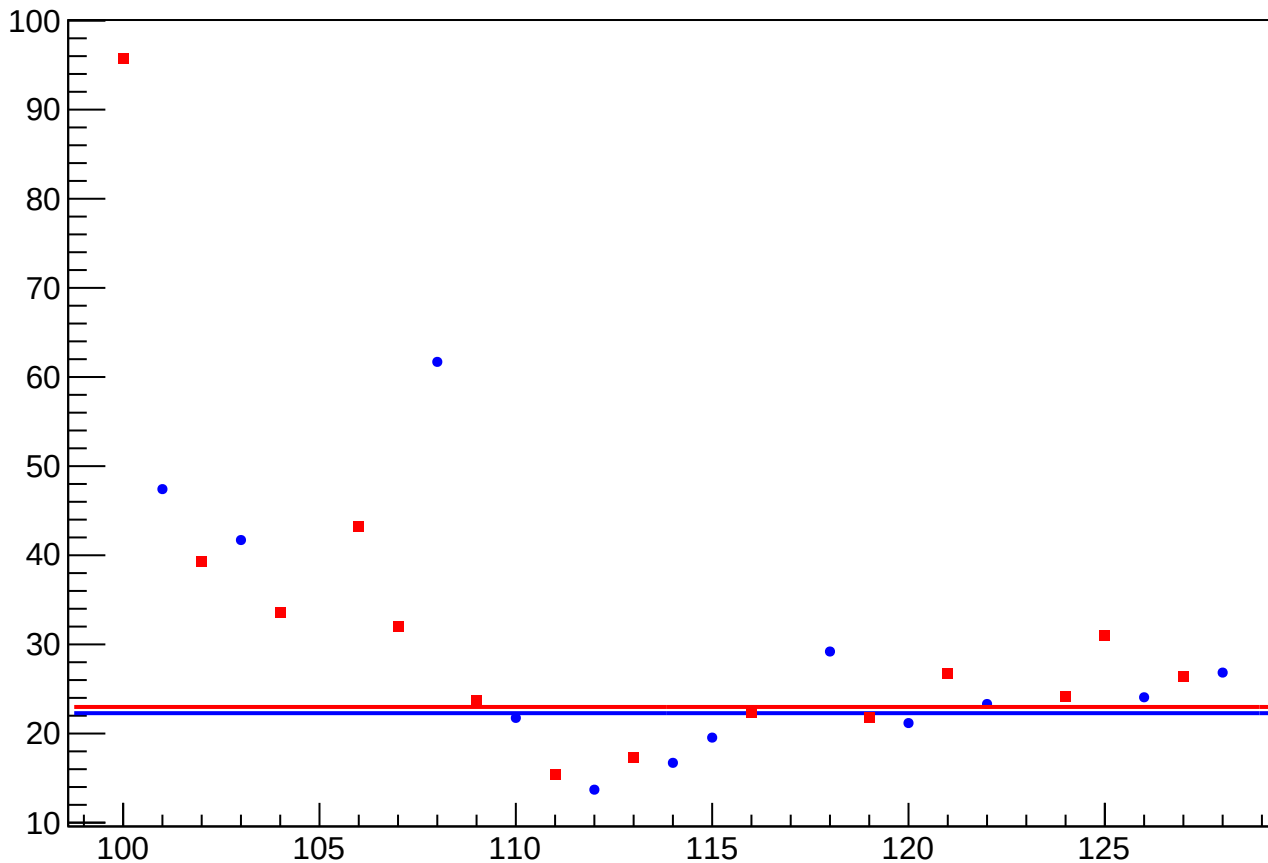
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.016 $\pm$ 0.008 χ^2 /NDF: 32.0/25

- 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: 22.285+/-0.008 χ^2/NDF : 1381156.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.982+/-0.007 χ^2/NDF : 931722.7/13

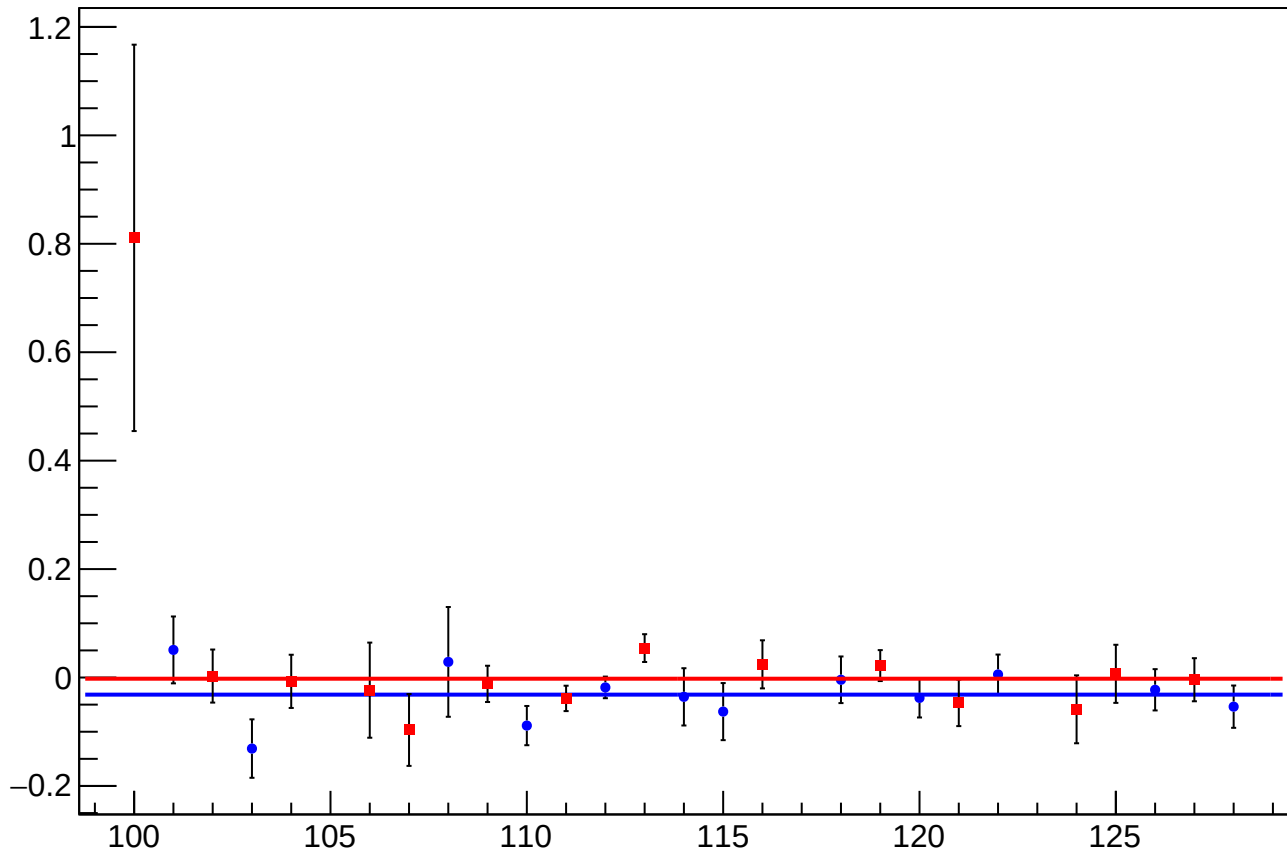
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.651+/-0.005 χ^2/NDF : 2317010.5/25

- 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 $\pm$ 0.011 χ^2 /NDF: 10.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.011 χ^2 /NDF: 17.7/13

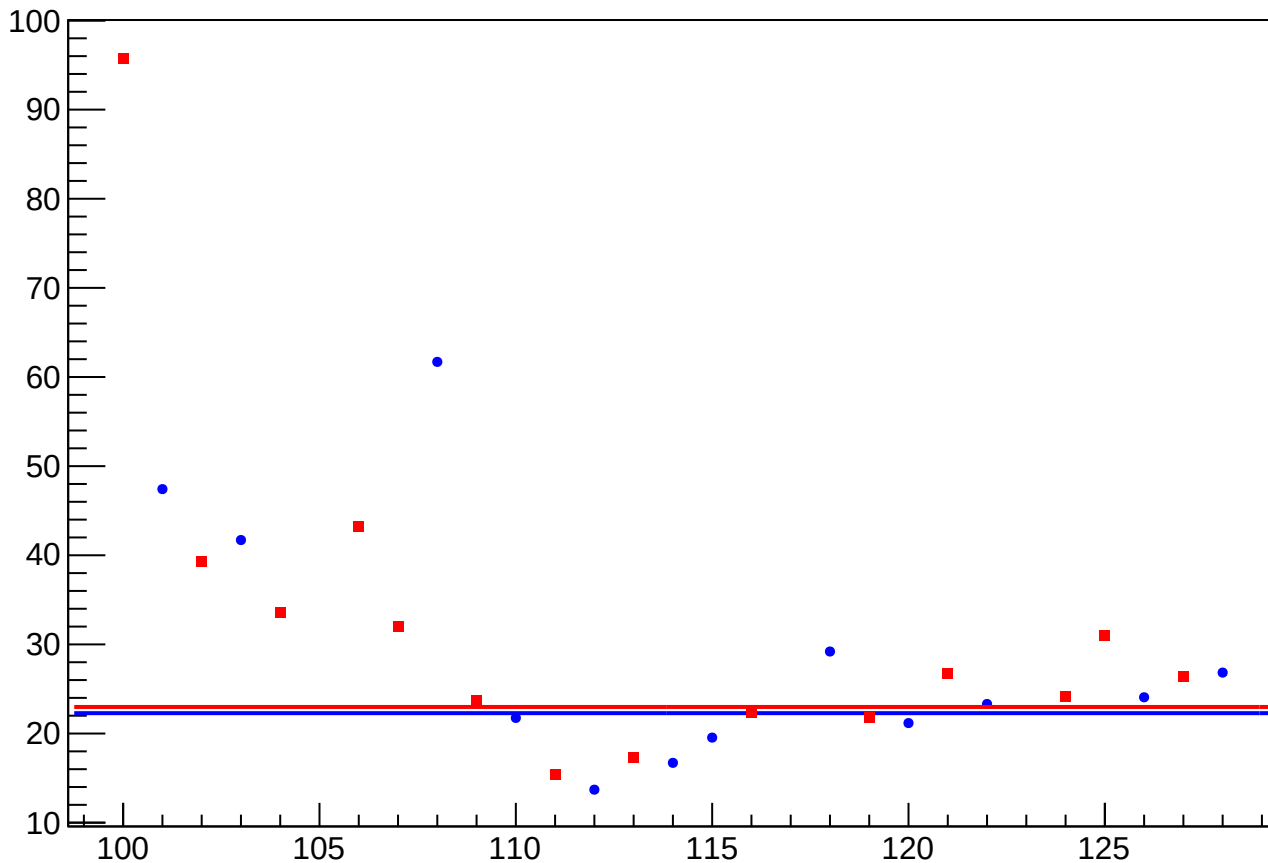
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.016 $\pm$ 0.008 χ^2 /NDF: 32.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 22.285 $\pm$ 0.008 χ^2 /NDF: 1381156.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 22.982 $\pm$ 0.007 χ^2 /NDF: 931722.7/13

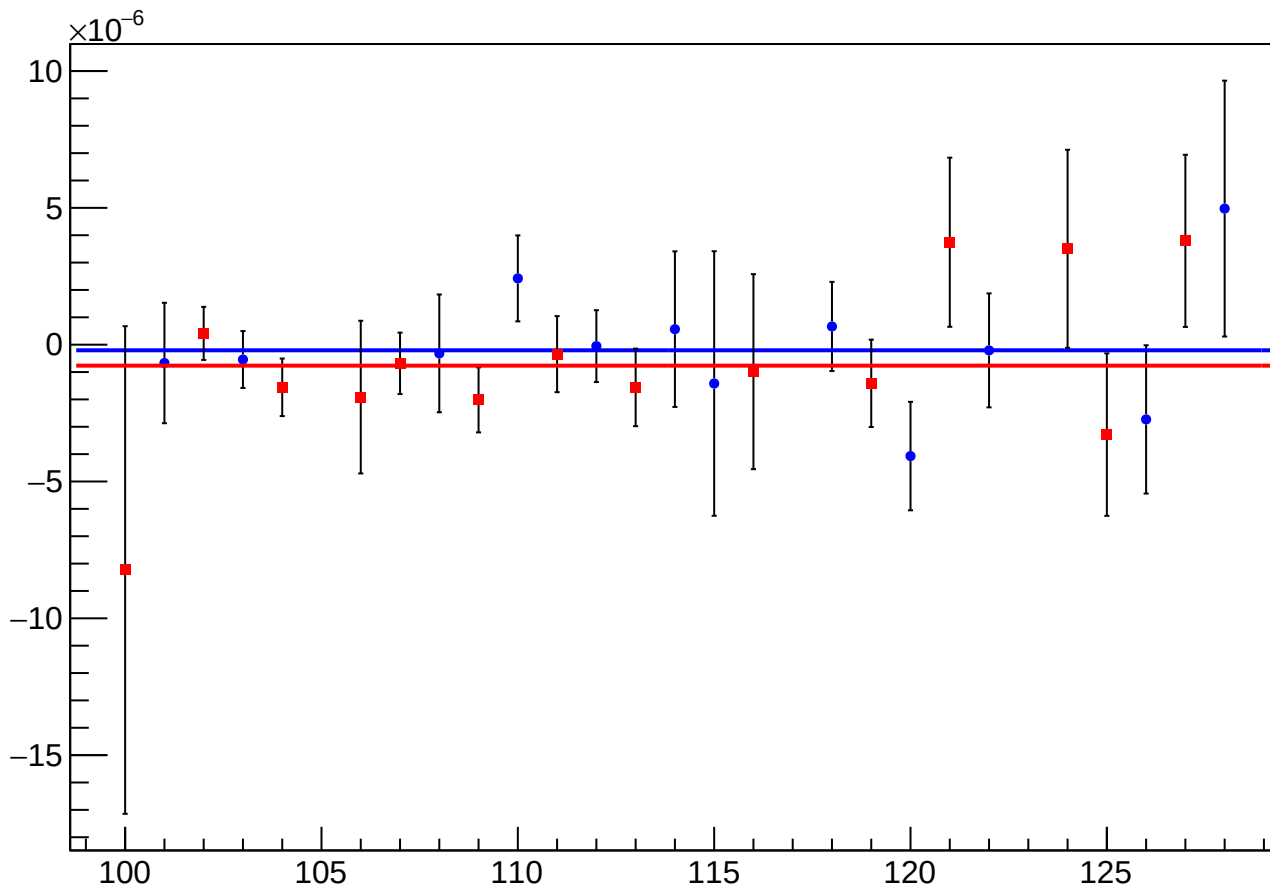
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.651 $\pm$ 0.005 χ^2 /NDF: 2317010.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.0/13

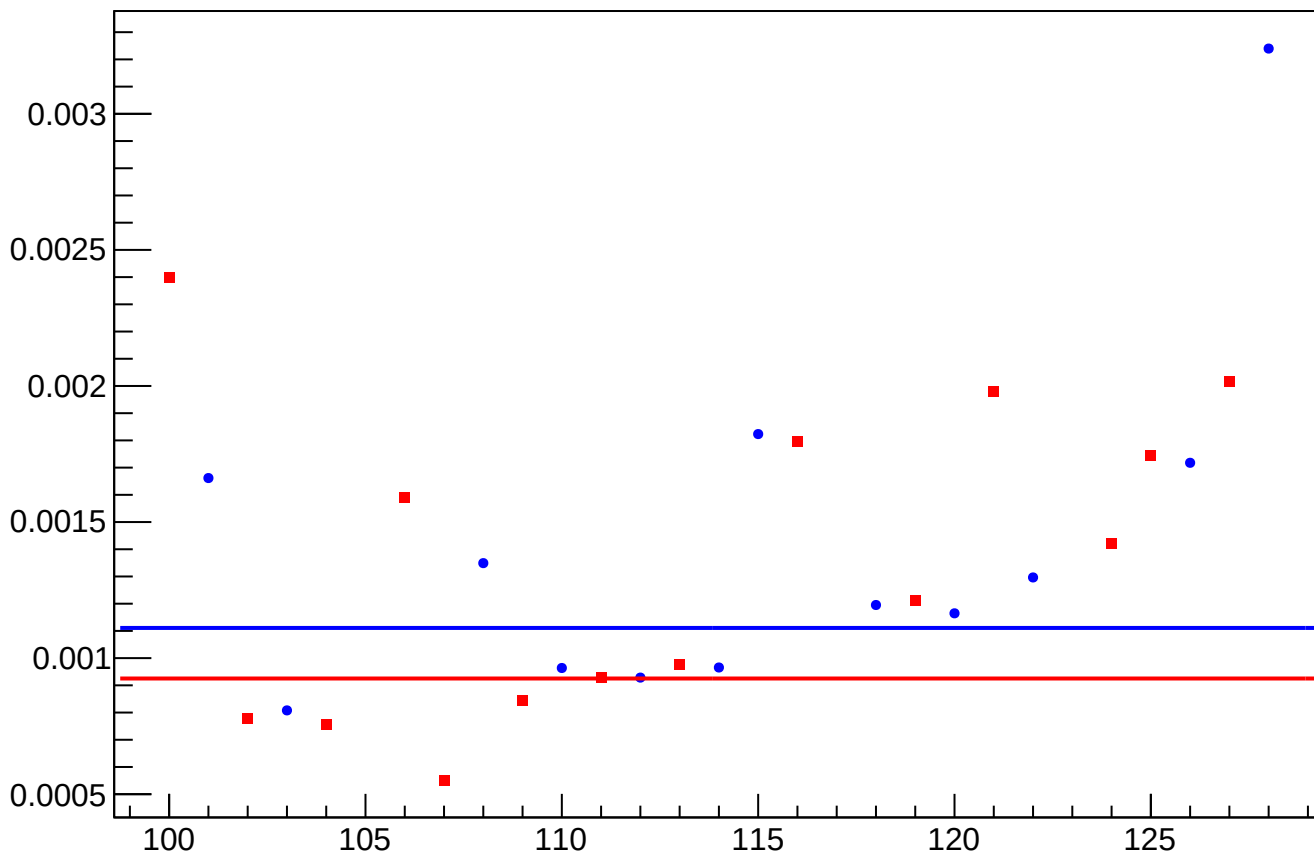
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 962076.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1348662.6/13

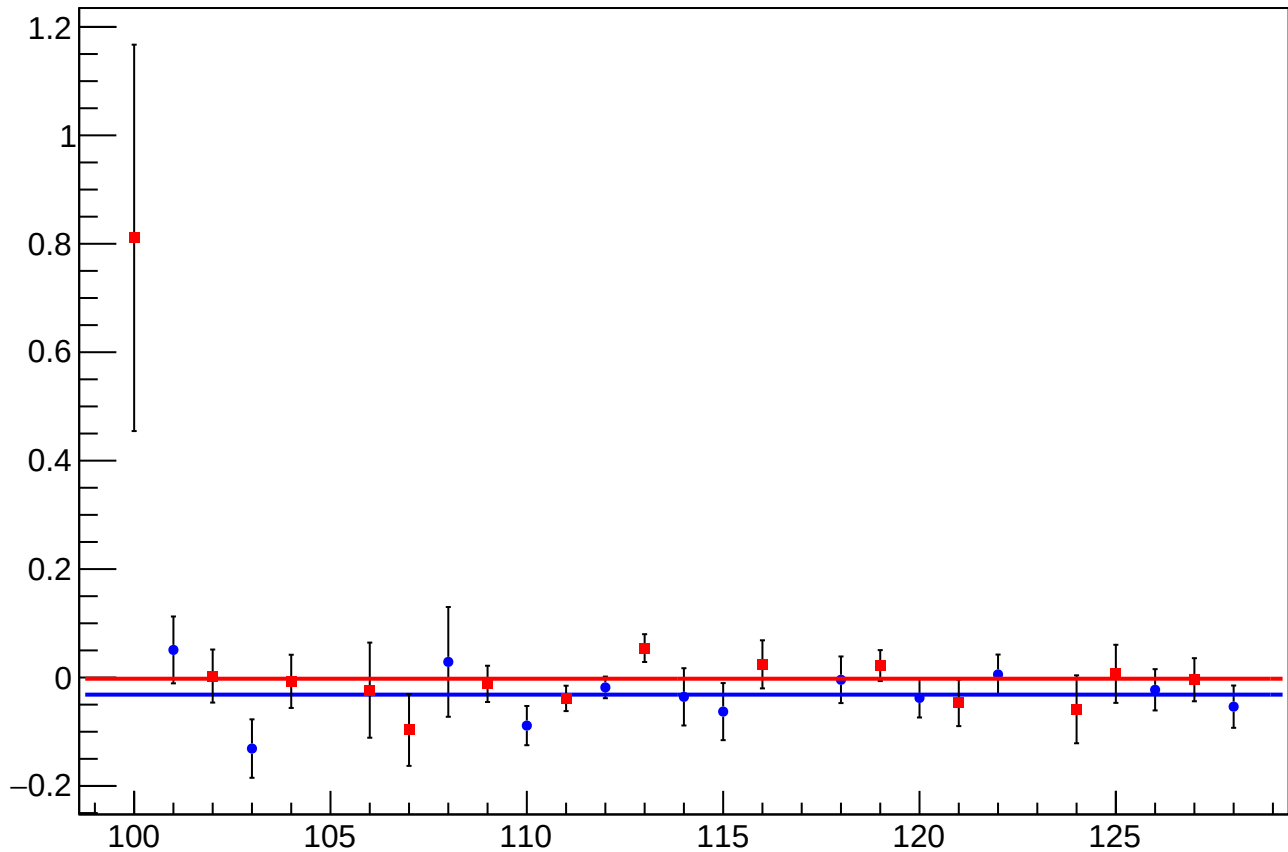
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2459481.6/25

- 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 : 10.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.002 ± 0.011 χ^2/NDF : 17.7/13

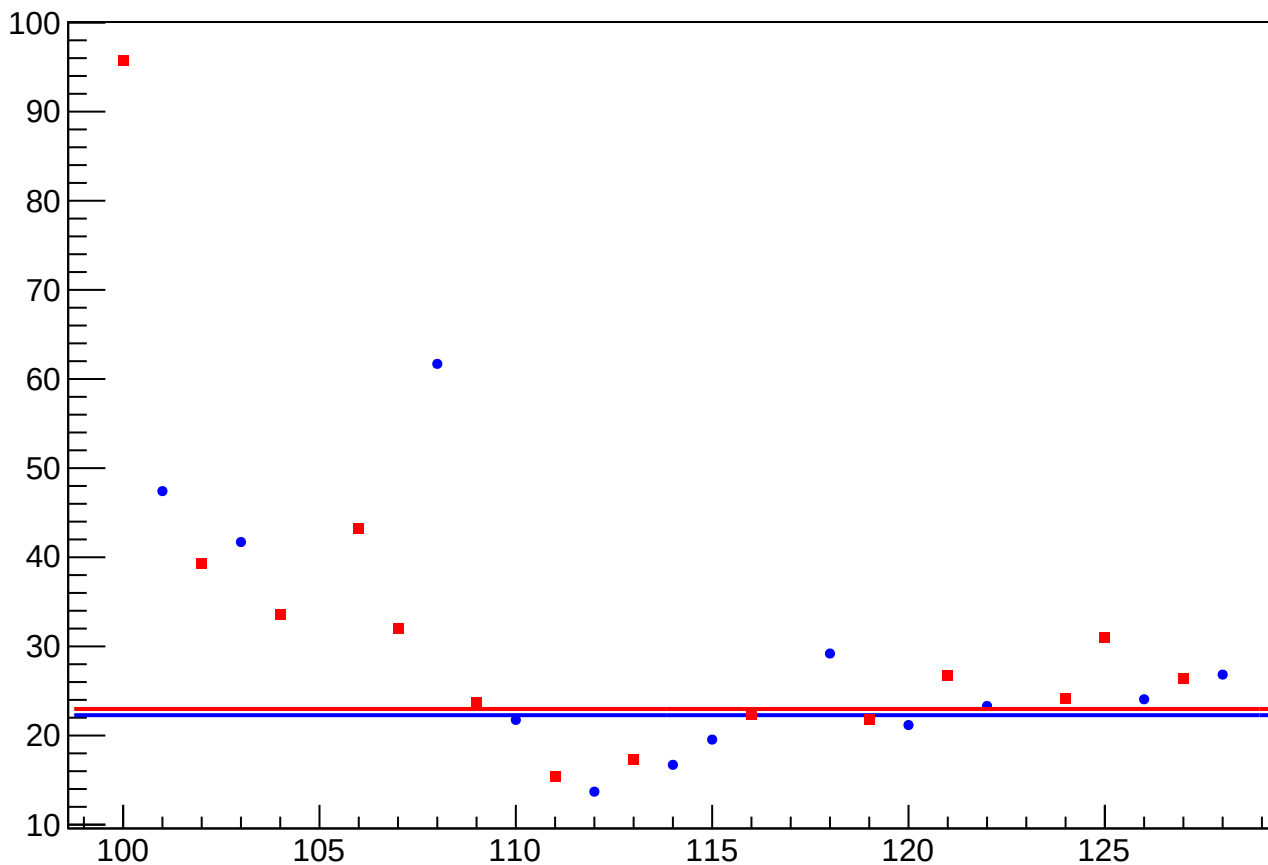
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.008 χ^2/NDF : 32.0/25

- 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: 22.285+/-0.008 χ^2/NDF : 1381188.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.982+/-0.007 χ^2/NDF : 931774.5/13

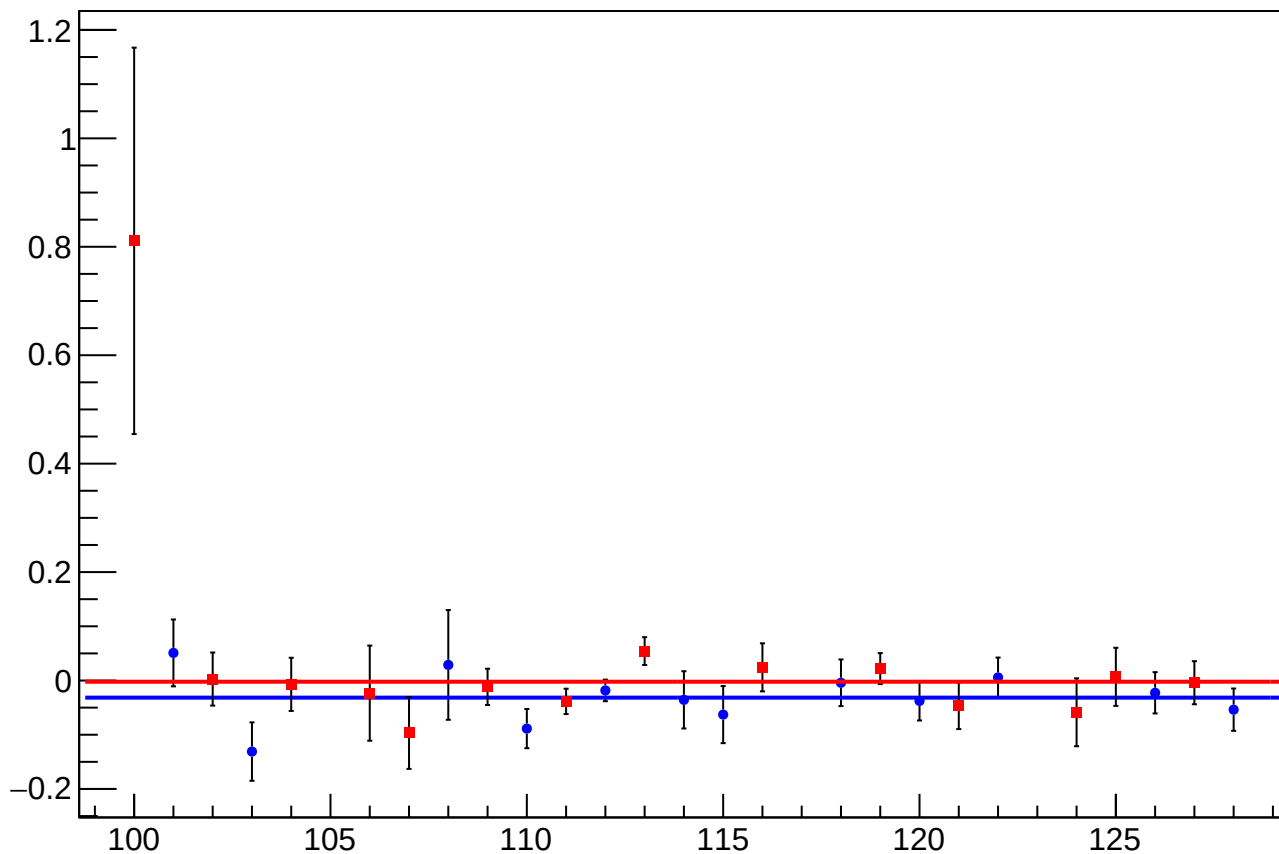
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.651+/-0.005 χ^2/NDF : 2317093.7/25

- 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: 10.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.011 χ^2 /NDF: 17.7/13

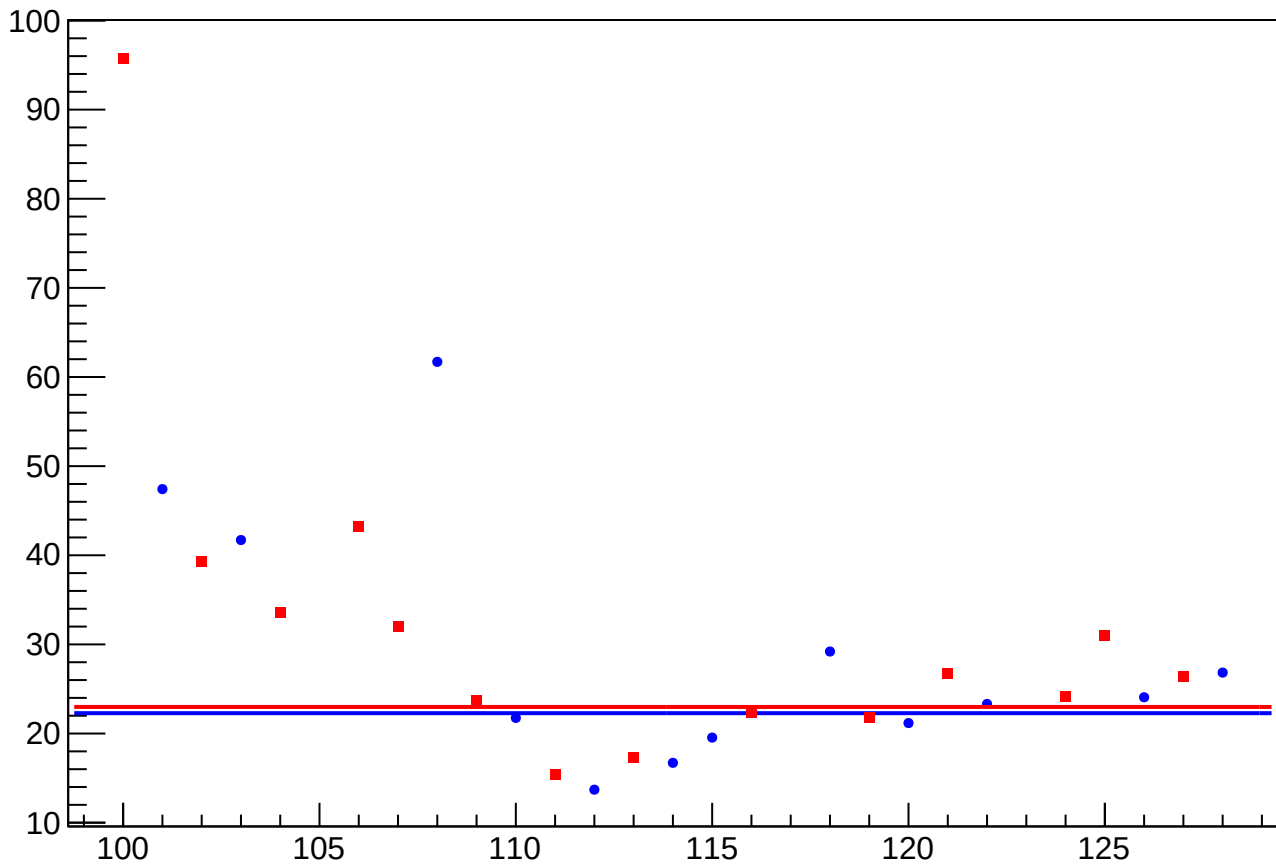
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.016 $\pm$ 0.008 χ^2 /NDF: 32.0/25

- 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: 22.285 $\pm$ 0.008 χ^2 /NDF: 1381188.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 22.982 $\pm$ 0.007 χ^2 /NDF: 931774.5/13

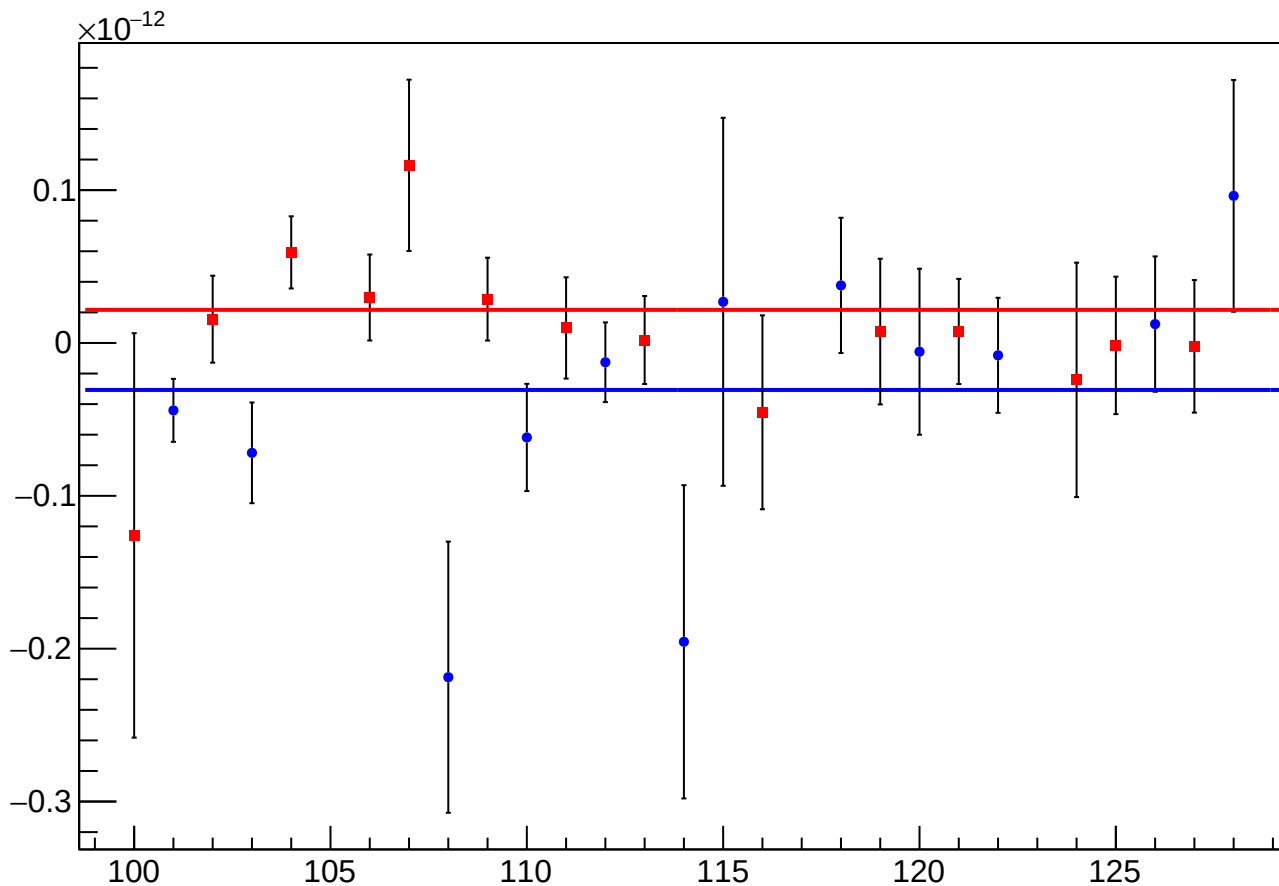
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.651 $\pm$ 0.005 χ^2 /NDF: 2317093.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 17.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.7/13

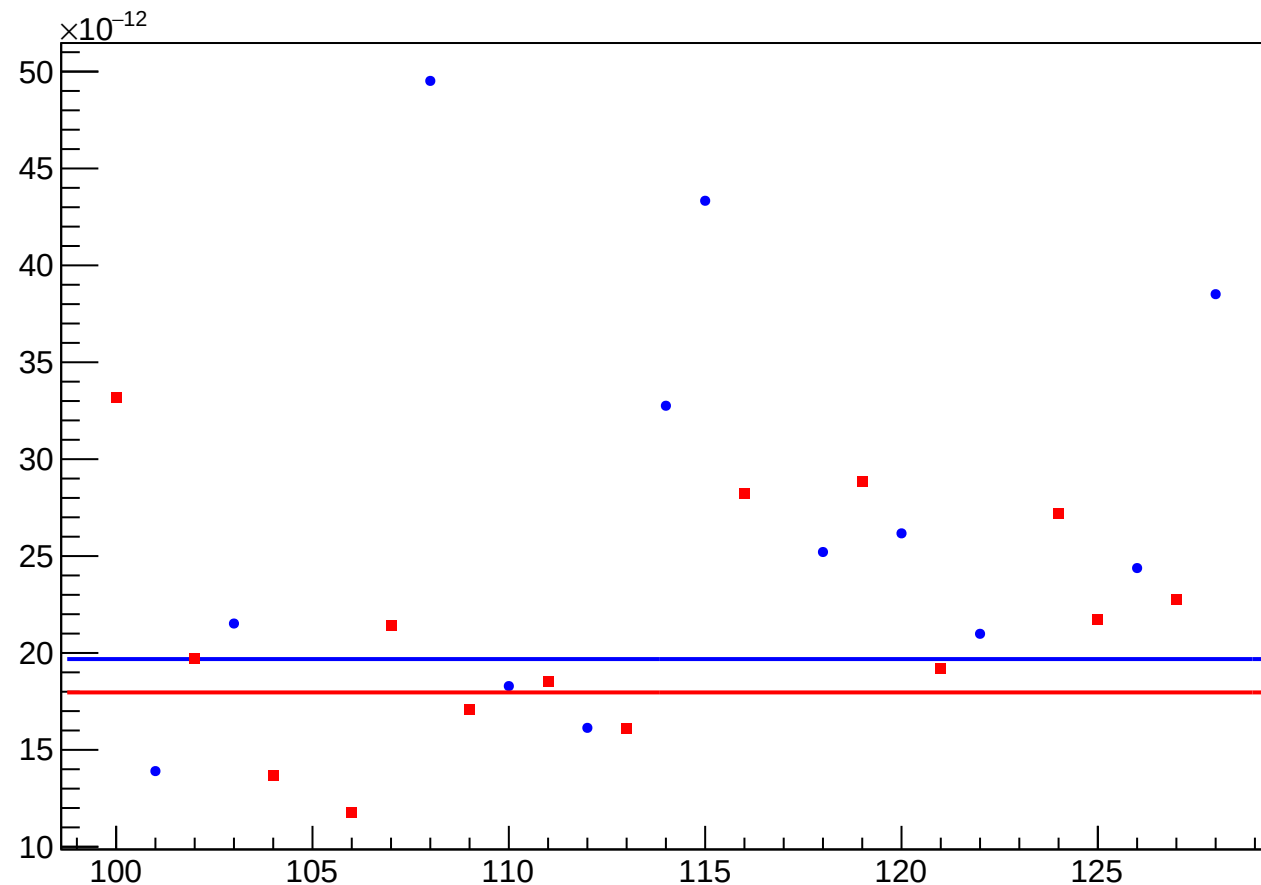
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 39.7/25

- 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 : 747826.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 441597.4/13

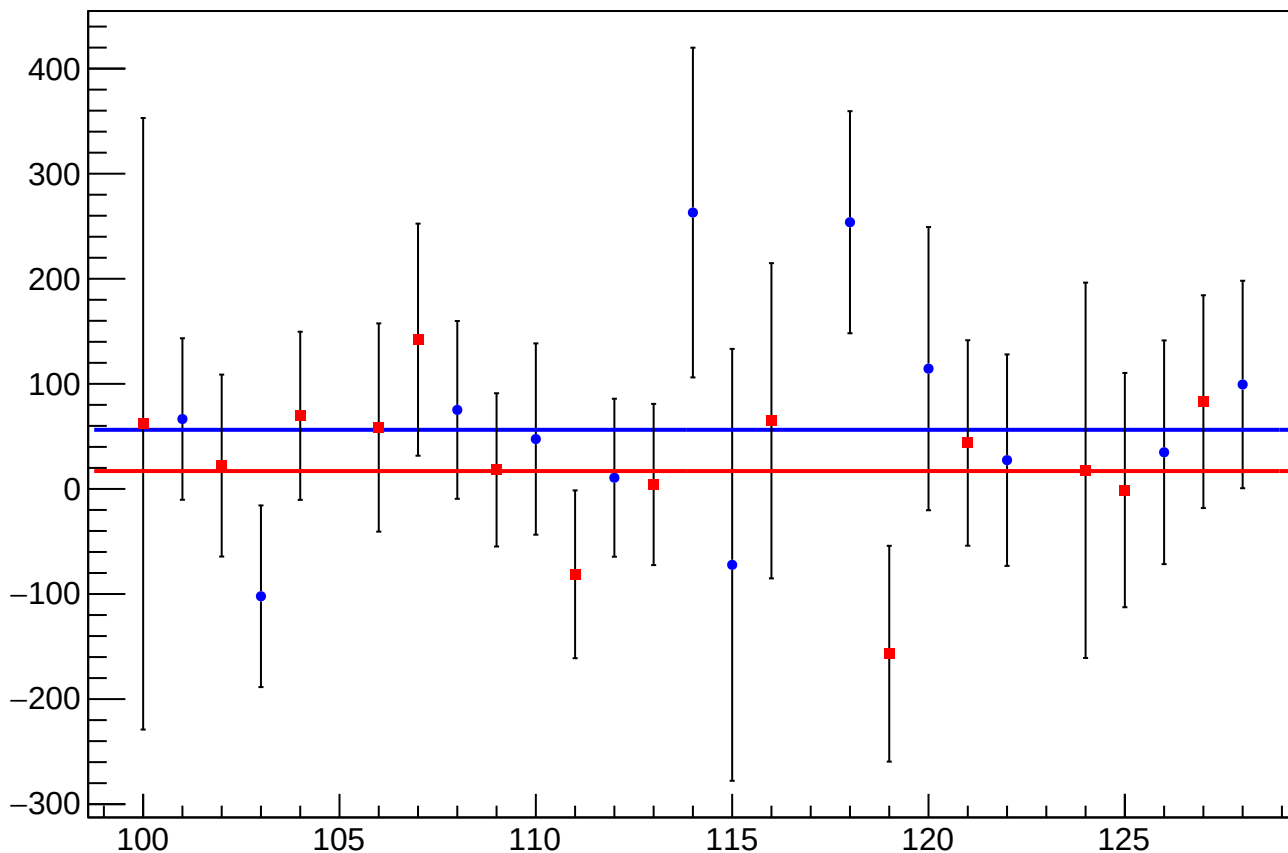
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1216917.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_mean vs Slug



Right In: 56.270 $\pm$ 28.410 χ^2 /NDF: 9.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.012 $\pm$ 26.232 χ^2 /NDF: 7.0/13

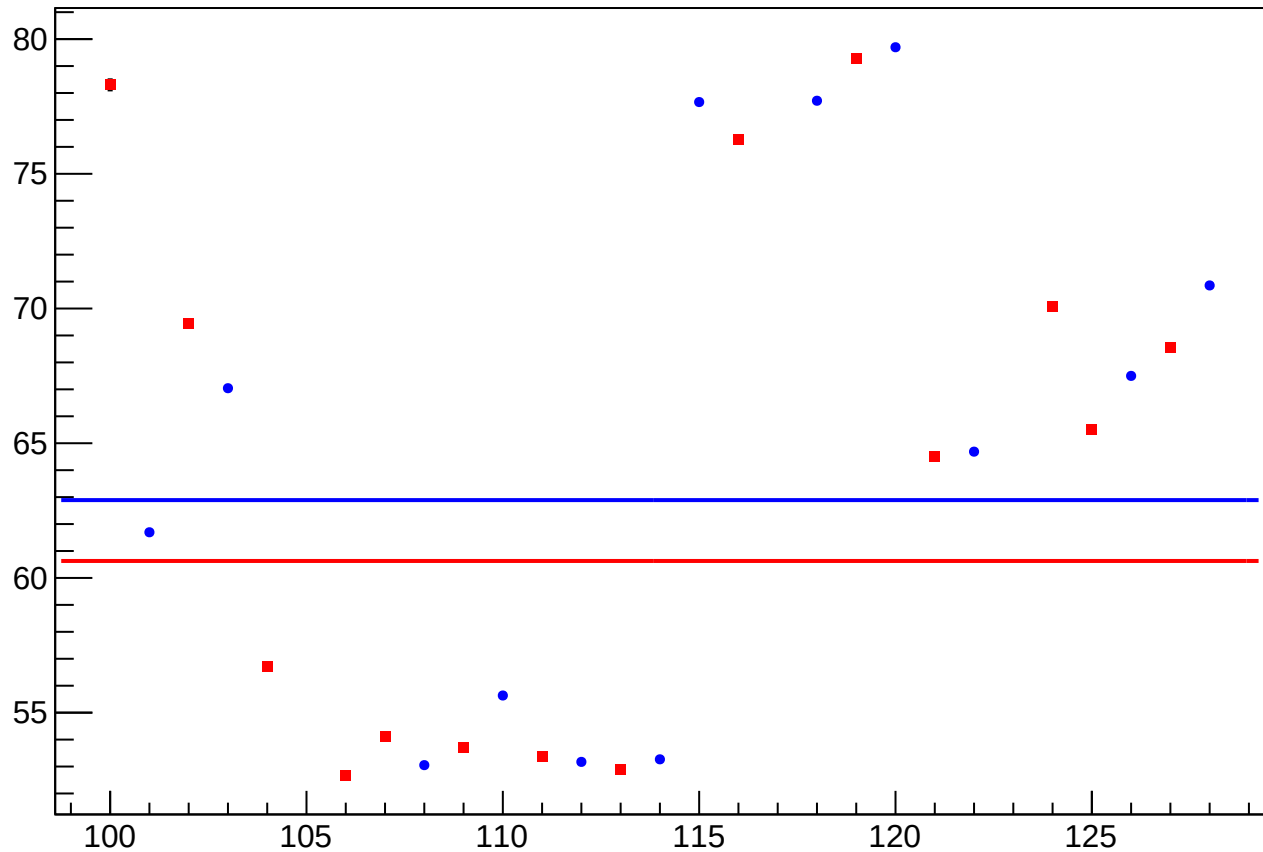
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.078 $\pm$ 19.273 χ^2 /NDF: 17.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_48_dd_rms vs Slug



Right In: 62.889 ± 0.020 χ^2/NDF : 183988.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 60.630 ± 0.019 χ^2/NDF : 220312.4/13

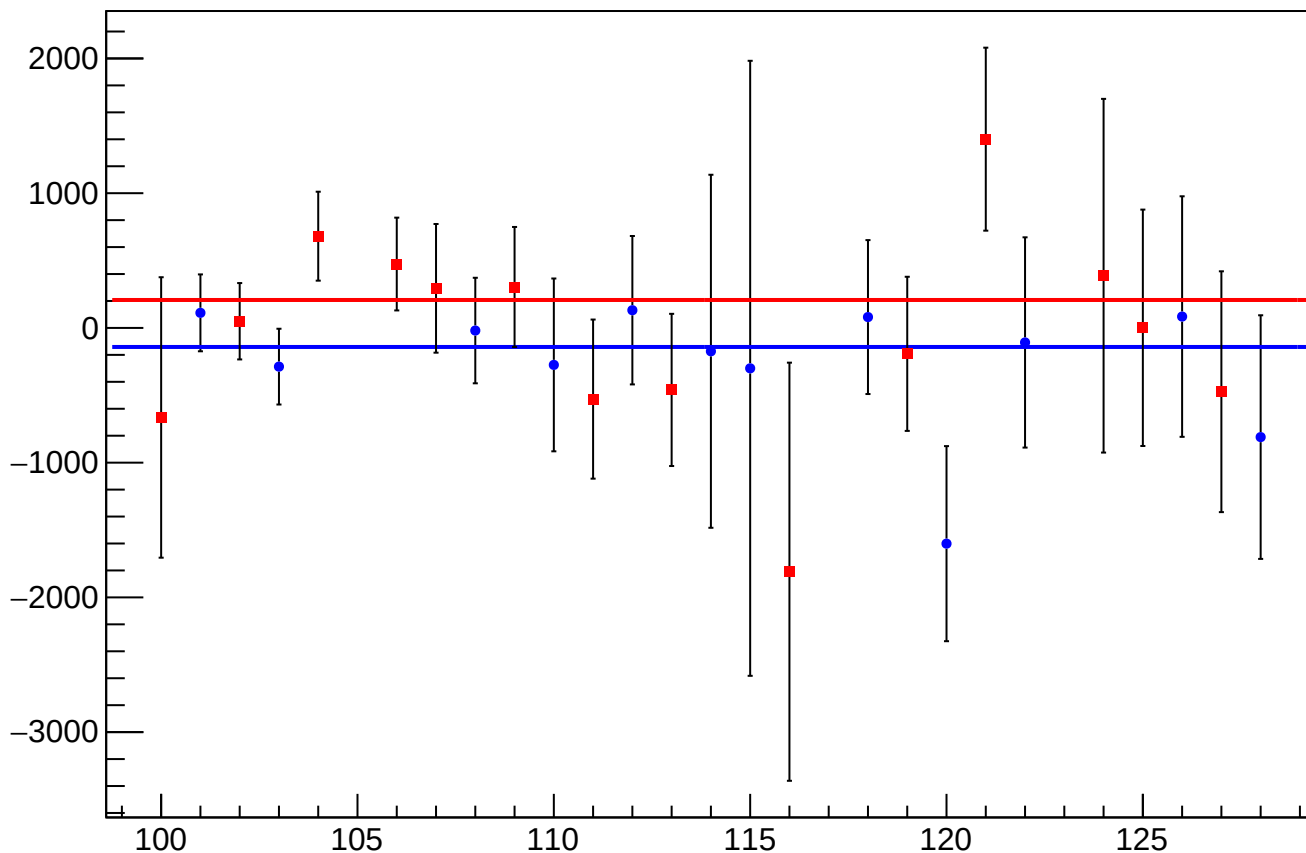
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 61.670 ± 0.014 χ^2/NDF : 411125.4/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_reg_correction_mean vs Slug



Right In: -141.313+/-145.790 χ^2/NDF : 6.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 207.414+/-134.618 χ^2/NDF : 12.6/13

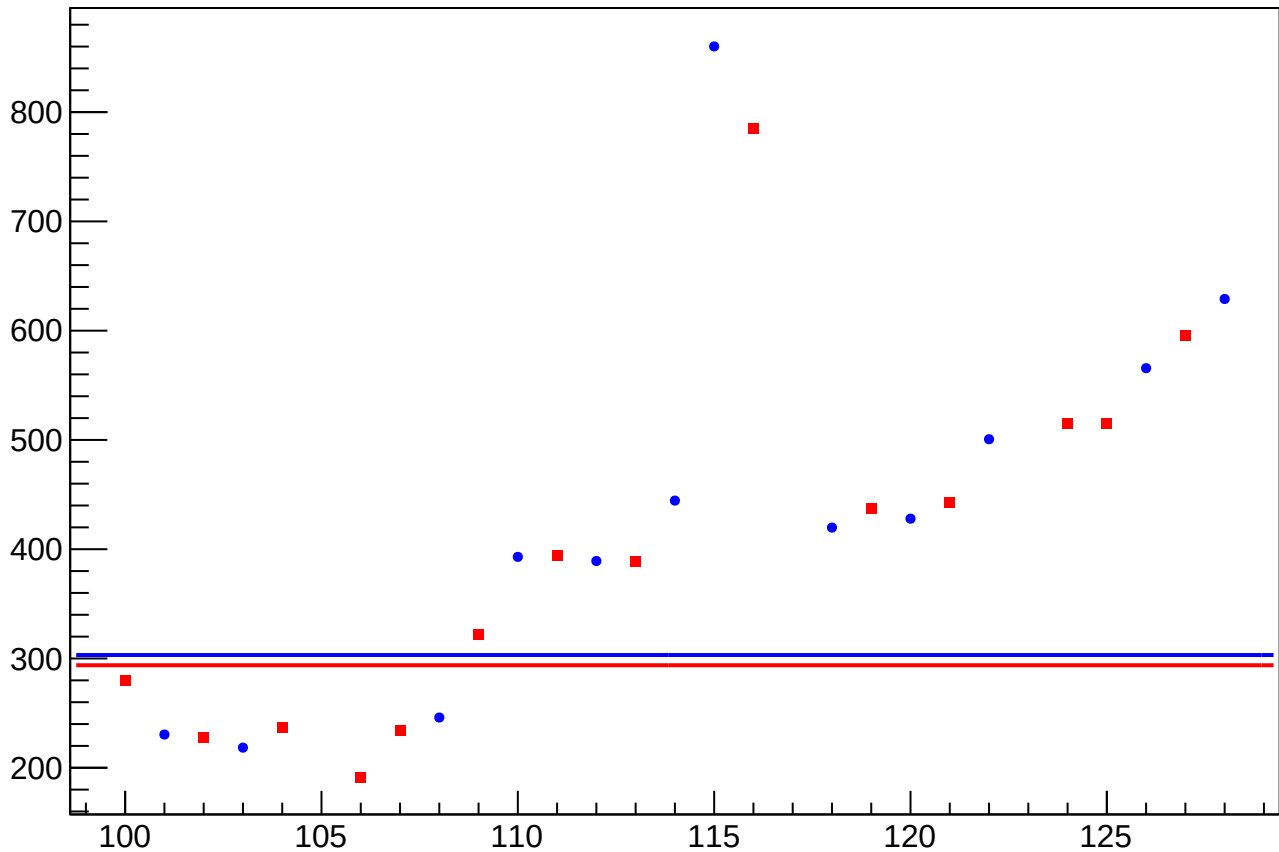
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.922+/-98.903 χ^2/NDF : 22.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_reg_correction_rms vs Slug



Right In: 303.173+/-0.103 χ^2/NDF : 1288537.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

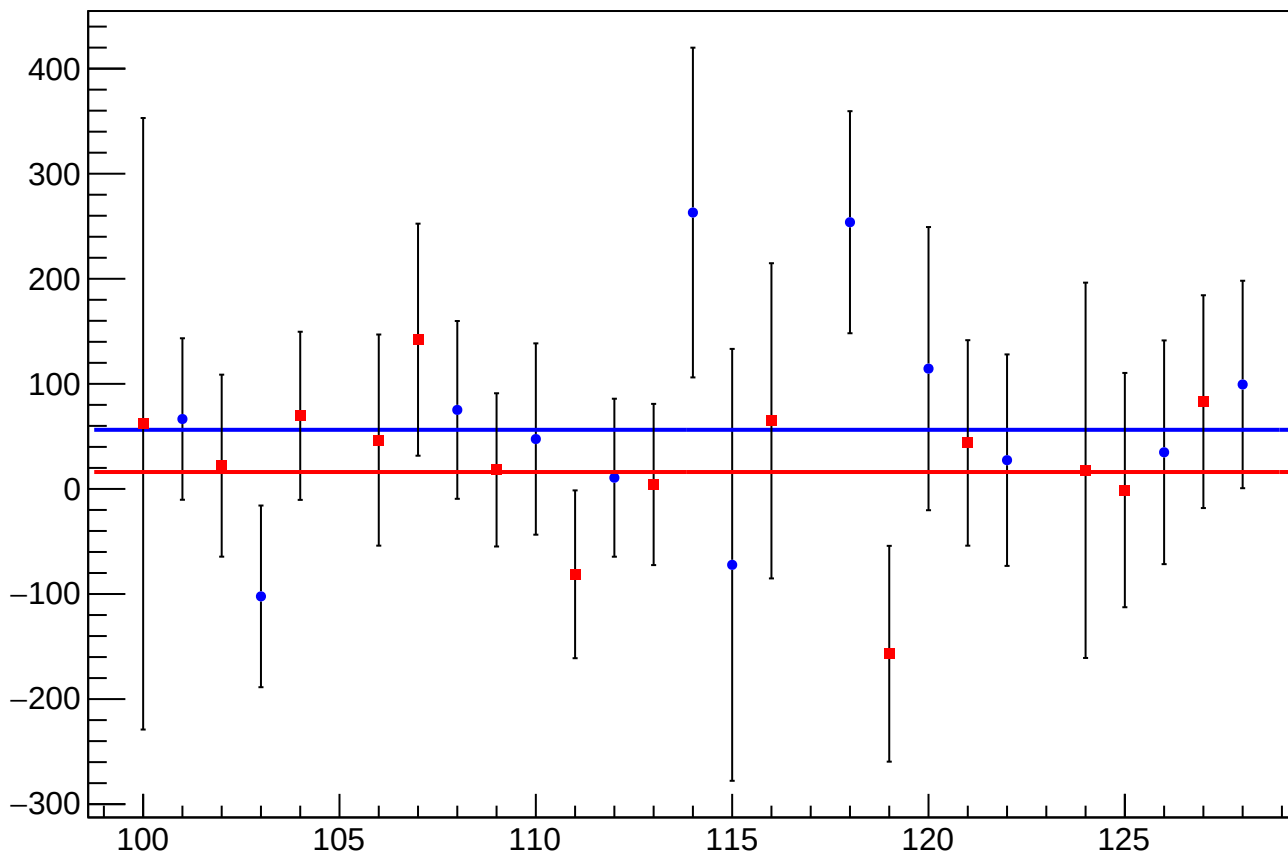
Right Out: 293.815+/-0.095 χ^2/NDF : 1336117.2/13

All: 298.122+/-0.070 χ^2/NDF : 2629102.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_37_48_dd_mean vs Slug



Right In: 56.264 $\pm$ 28.410 χ^2 /NDF: 9.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.103 $\pm$ 26.257 χ^2 /NDF: 6.9/13

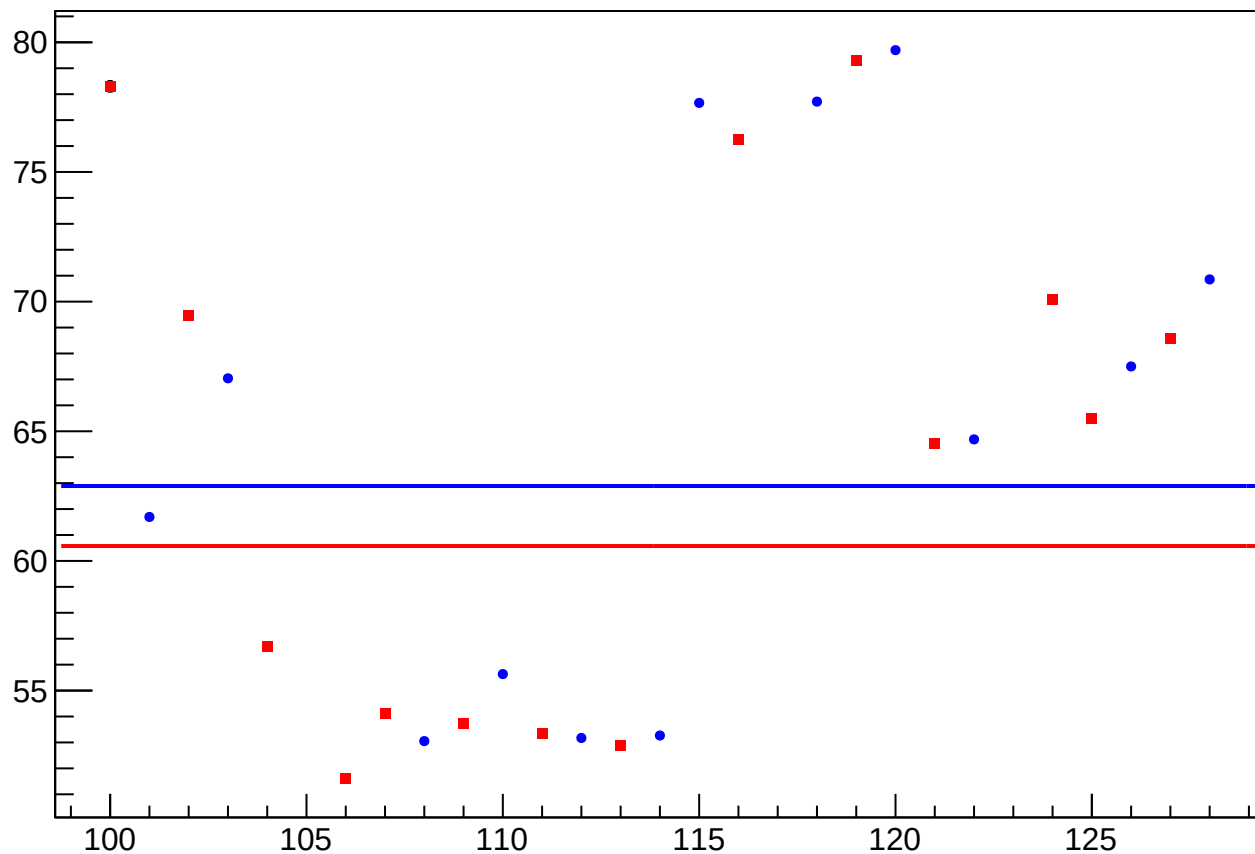
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.605 $\pm$ 19.283 χ^2 /NDF: 17.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_48_dd_rms vs Slug



Right In: 62.889+/-0.020 χ^2/NDF : 183988.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.574+/-0.019 χ^2/NDF : 223597.9/13

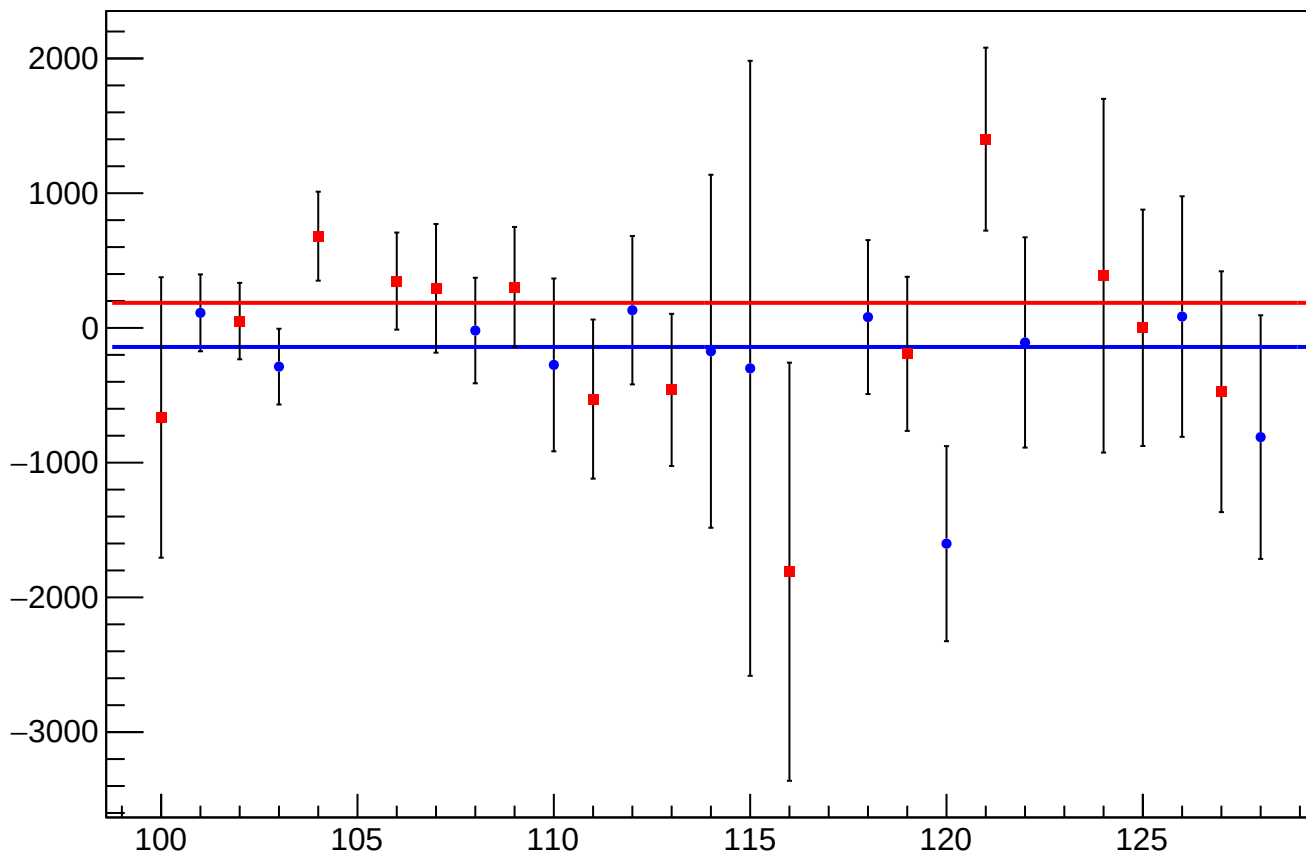
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.641+/-0.014 χ^2/NDF : 414746.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_cor_correction_mean vs Slug



Right In: -141.293+/-145.791 χ^2/NDF : 6.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.223+/-135.542 χ^2/NDF : 12.1/13

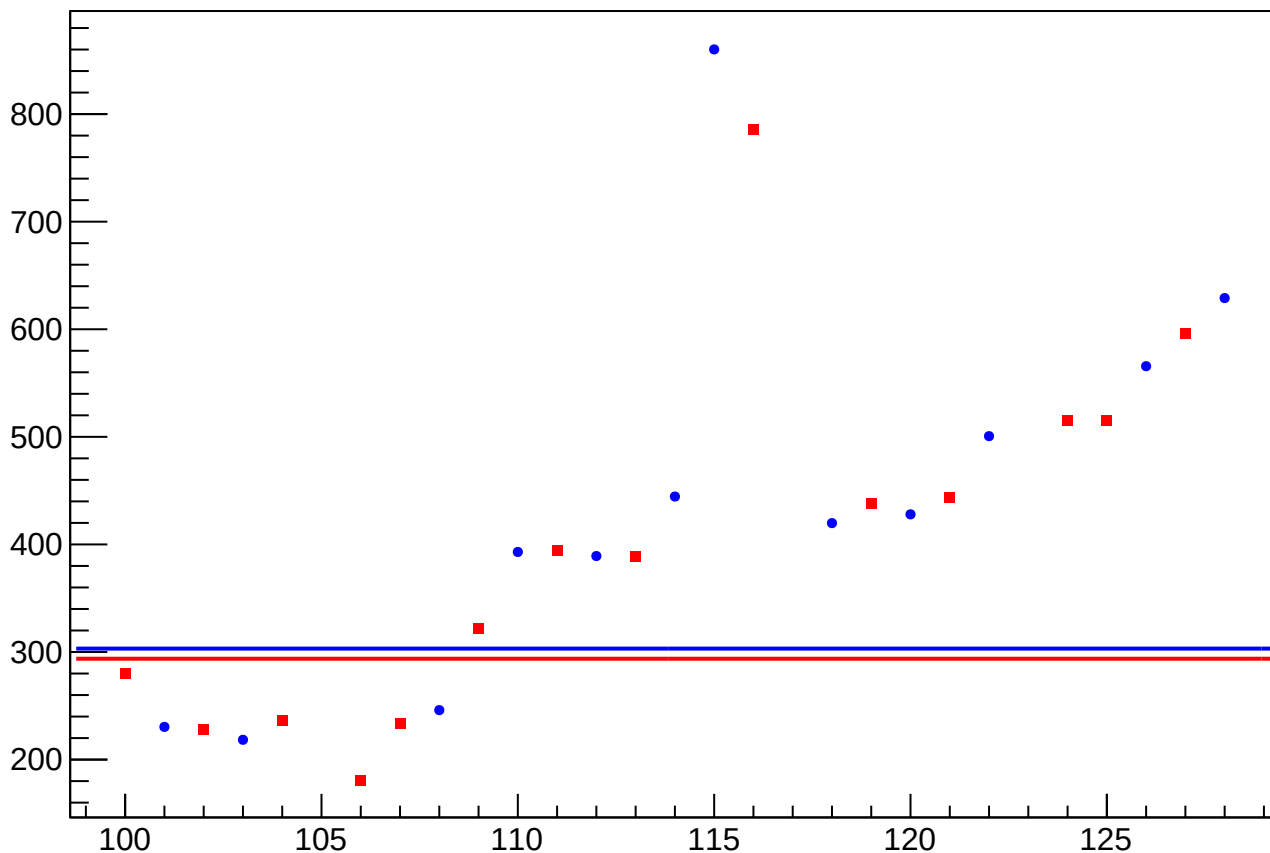
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.381+/-99.269 χ^2/NDF : 21.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_cor_correction_rms vs Slug



Right In: 303.177+/-0.103 χ^2/NDF : 1288492.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 293.769+/-0.096 χ^2/NDF : 1354943.0/13

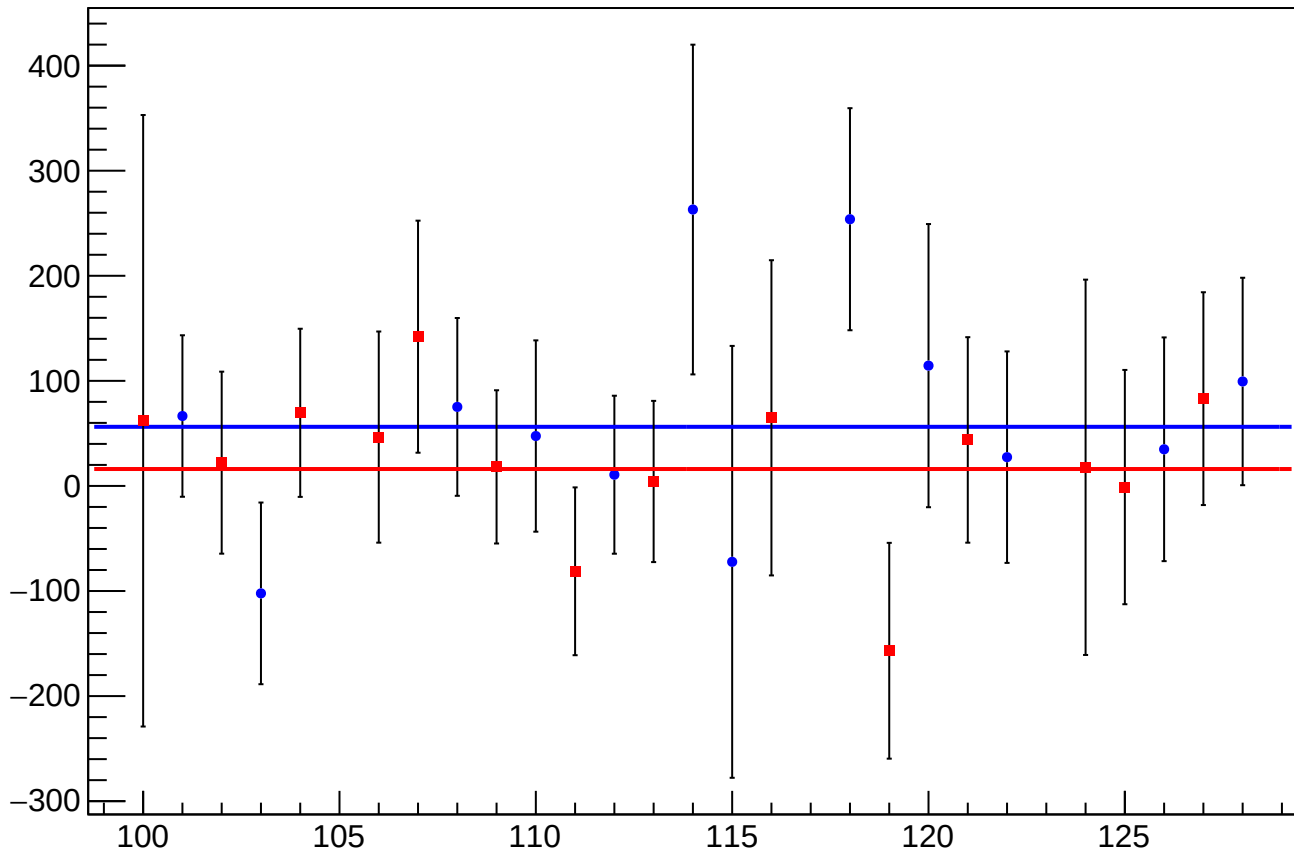
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 298.130+/-0.070 χ^2/NDF : 2647902.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_37_48_dd_mean vs Slug



Right In: 56.264 $\pm$ 28.410 χ^2 /NDF: 9.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.103 $\pm$ 26.257 χ^2 /NDF: 6.9/13

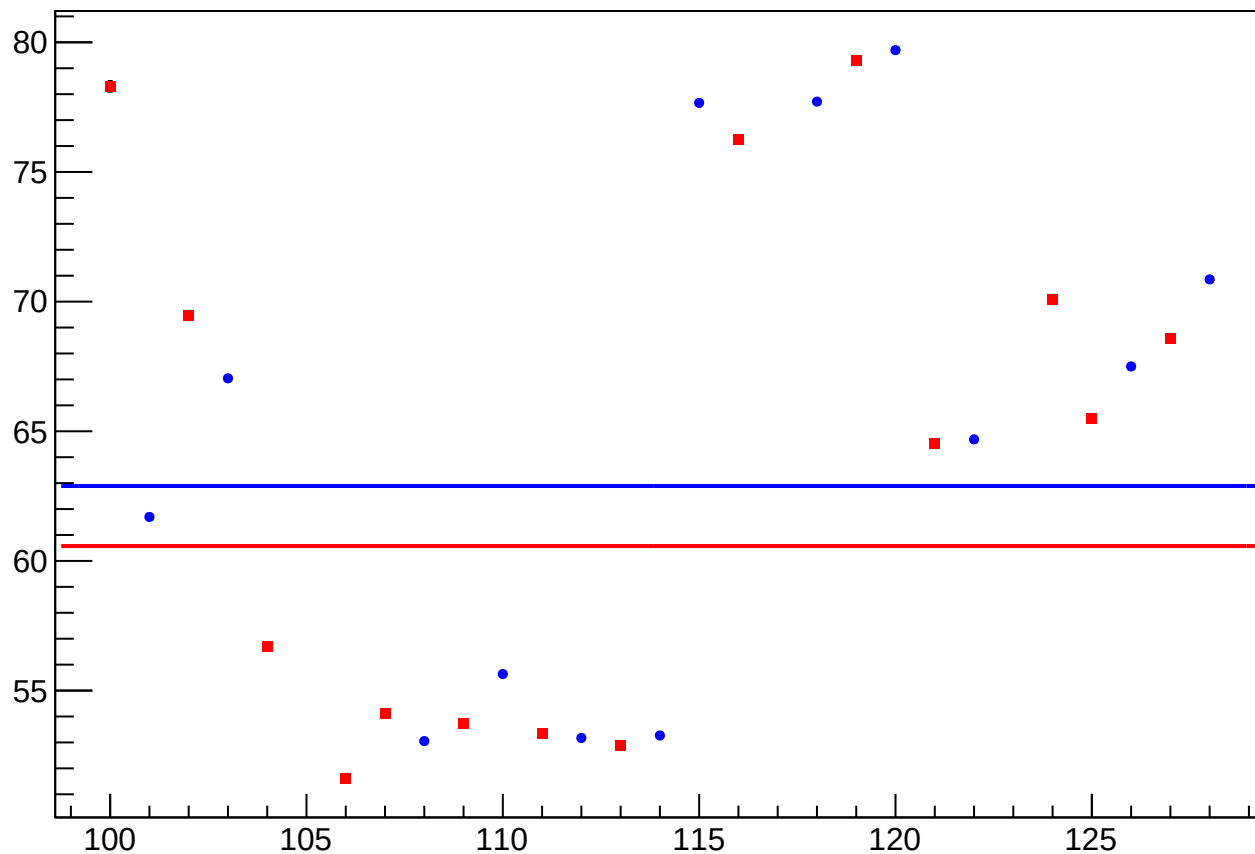
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.605 $\pm$ 19.283 χ^2 /NDF: 17.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_37_48_dd_rms vs Slug



Right In: 62.889+/-0.020 χ^2/NDF : 183988.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.574+/-0.019 χ^2/NDF : 223597.9/13

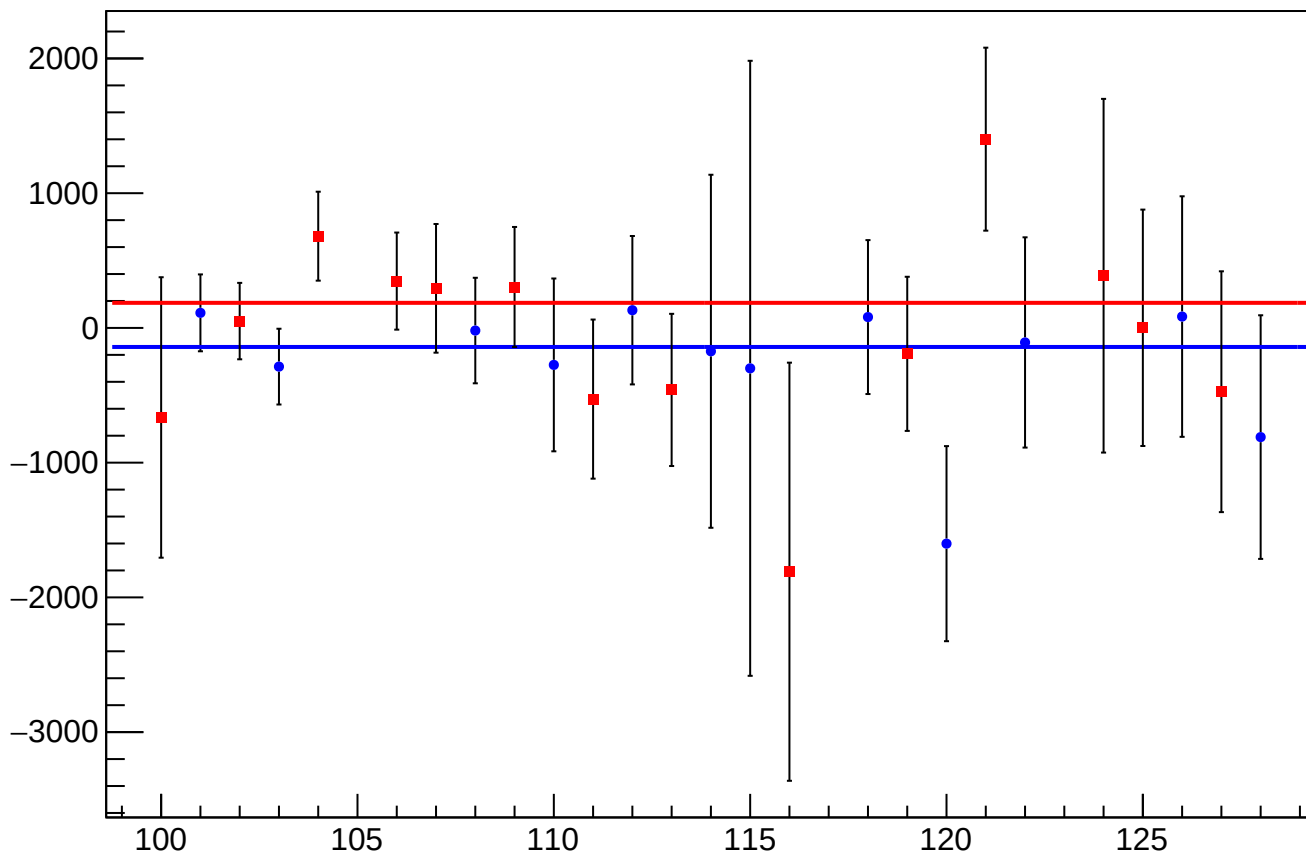
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.641+/-0.014 χ^2/NDF : 414746.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_cor_correction_mean vs Slug



Right In: -141.293+/-145.791 χ^2/NDF : 6.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.223+/-135.542 χ^2/NDF : 12.1/13

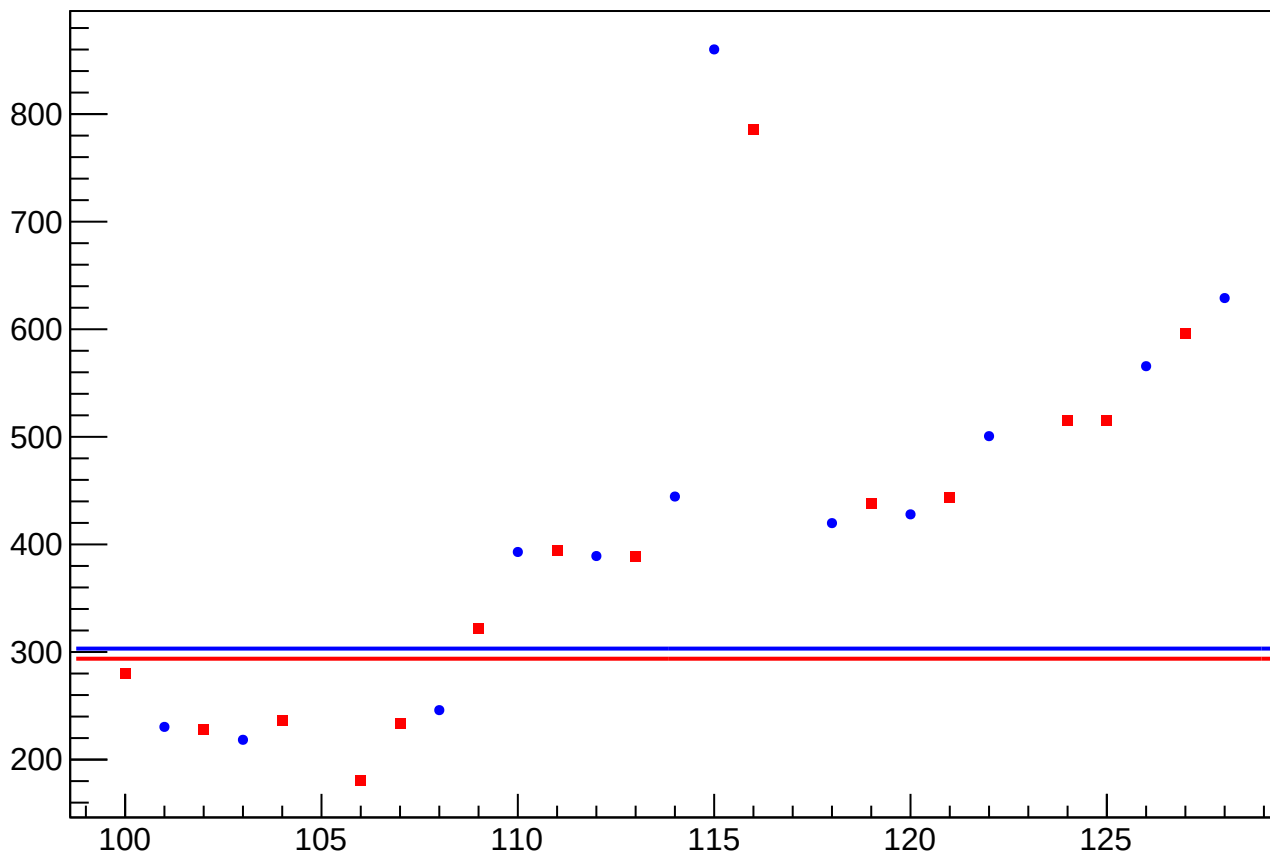
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.381+/-99.269 χ^2/NDF : 21.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_cor_correction_rms vs Slug



Right In: 303.177+/-0.103 χ^2/NDF : 1288492.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 293.769+/-0.096 χ^2/NDF : 1354943.0/13

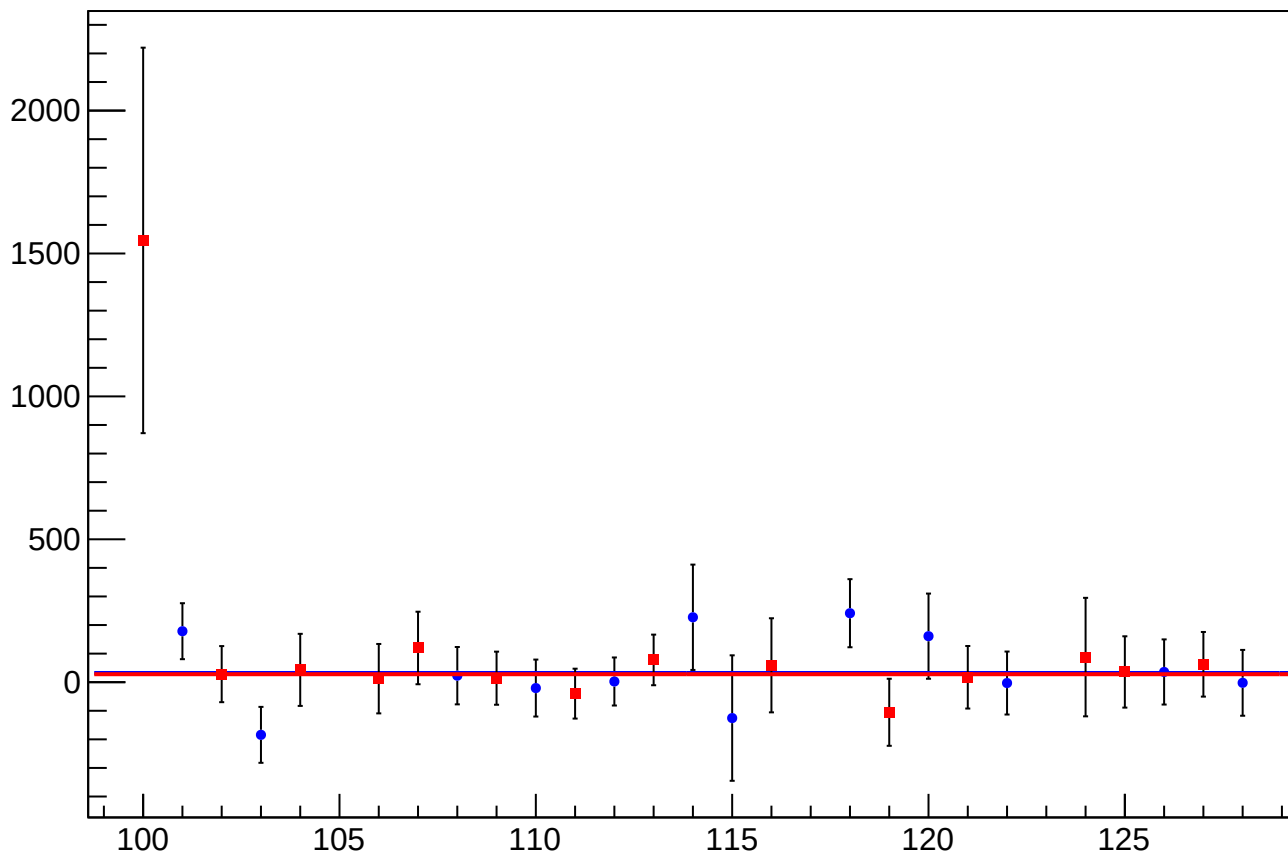
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 298.130+/-0.070 χ^2/NDF : 2647902.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_48_dd_mean vs Slug



Right In: 32.199+/-32.433 χ^2/NDF : 13.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.918+/-31.124 χ^2/NDF : 8.1/13

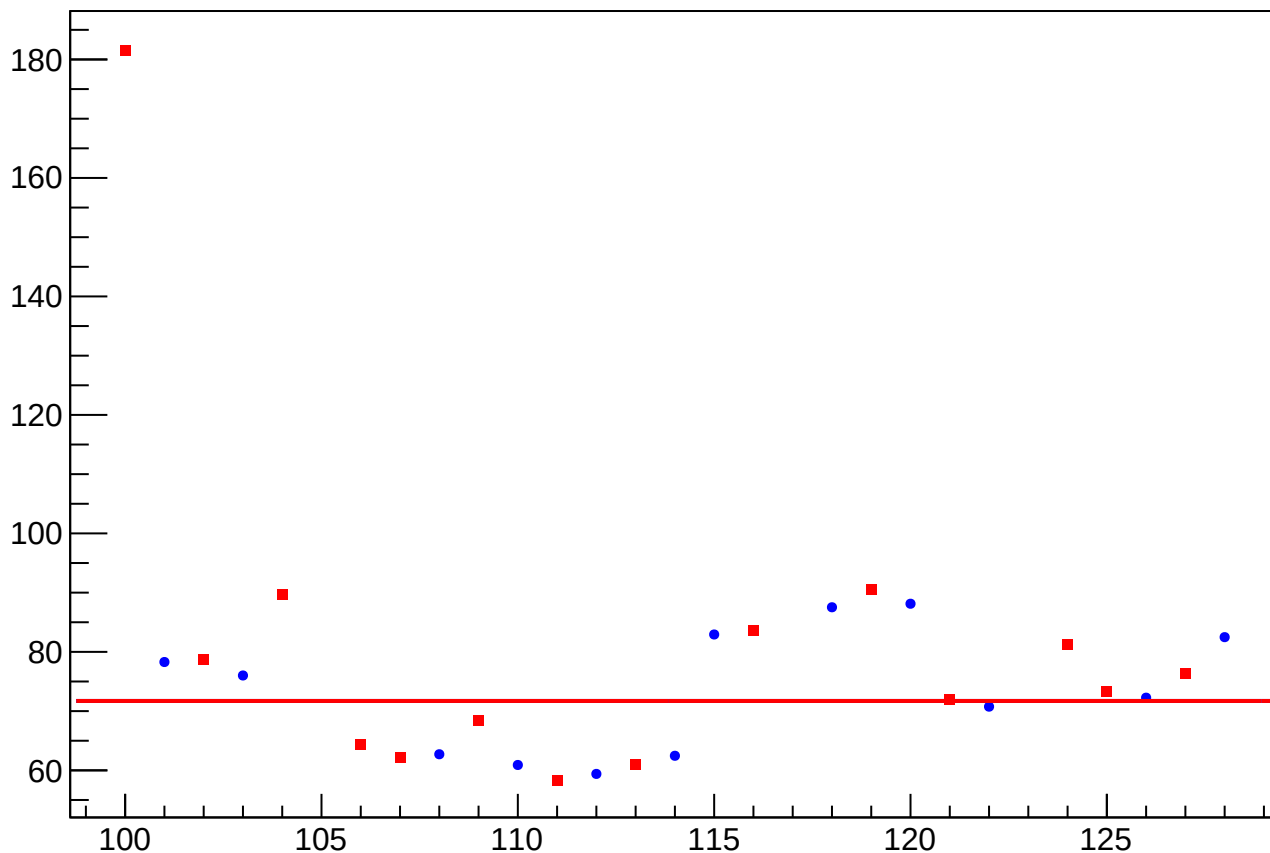
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.970+/-22.457 χ^2/NDF : 21.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_48_dd_rms vs Slug



Right In: 71.715+/-0.023 χ^2/NDF : 182830.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.714+/-0.022 χ^2/NDF : 271637.6/13

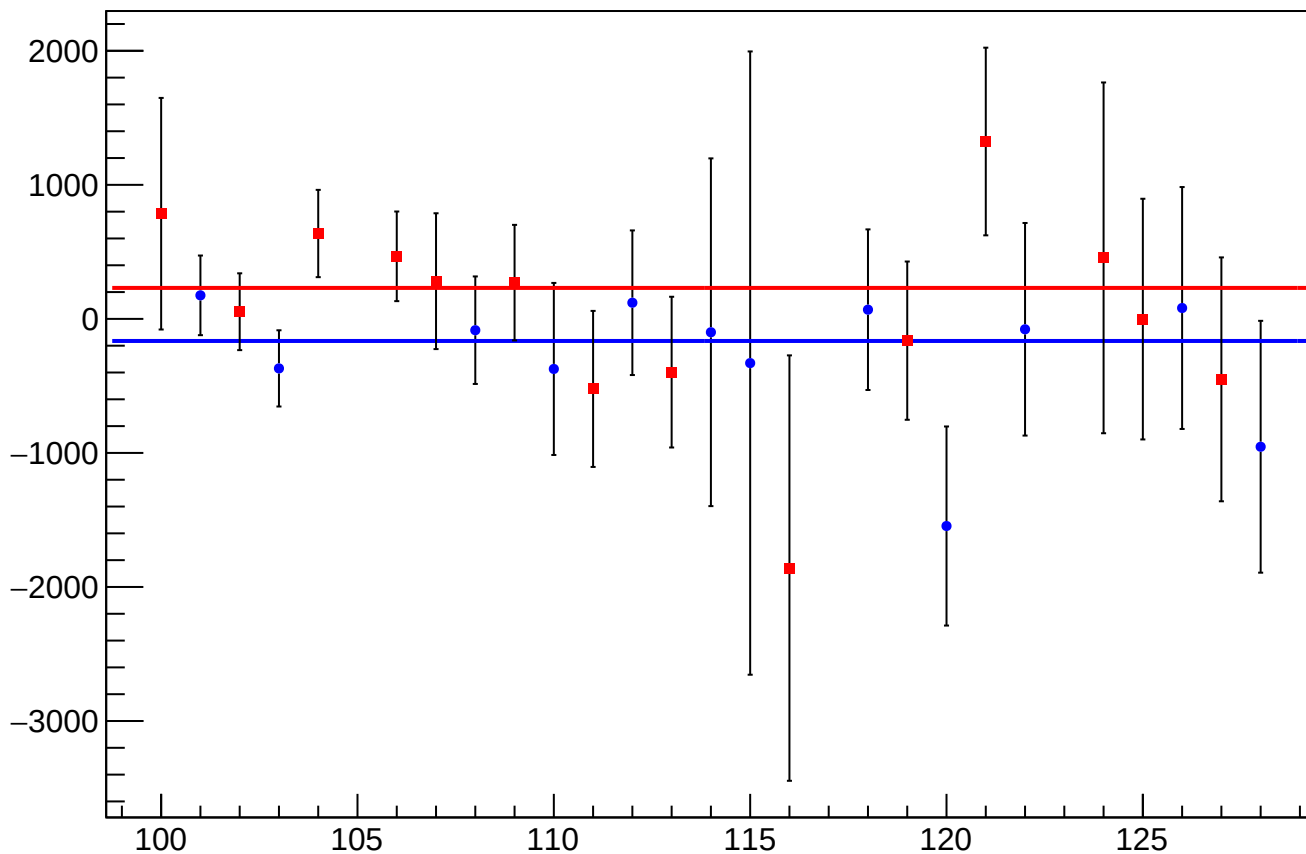
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.714+/-0.016 χ^2/NDF : 454467.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_dit_correction_mean vs Slug



Right In: -164.744+/-148.898 χ^2/NDF : 6.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 231.063+/-134.074 χ^2/NDF : 11.1/13

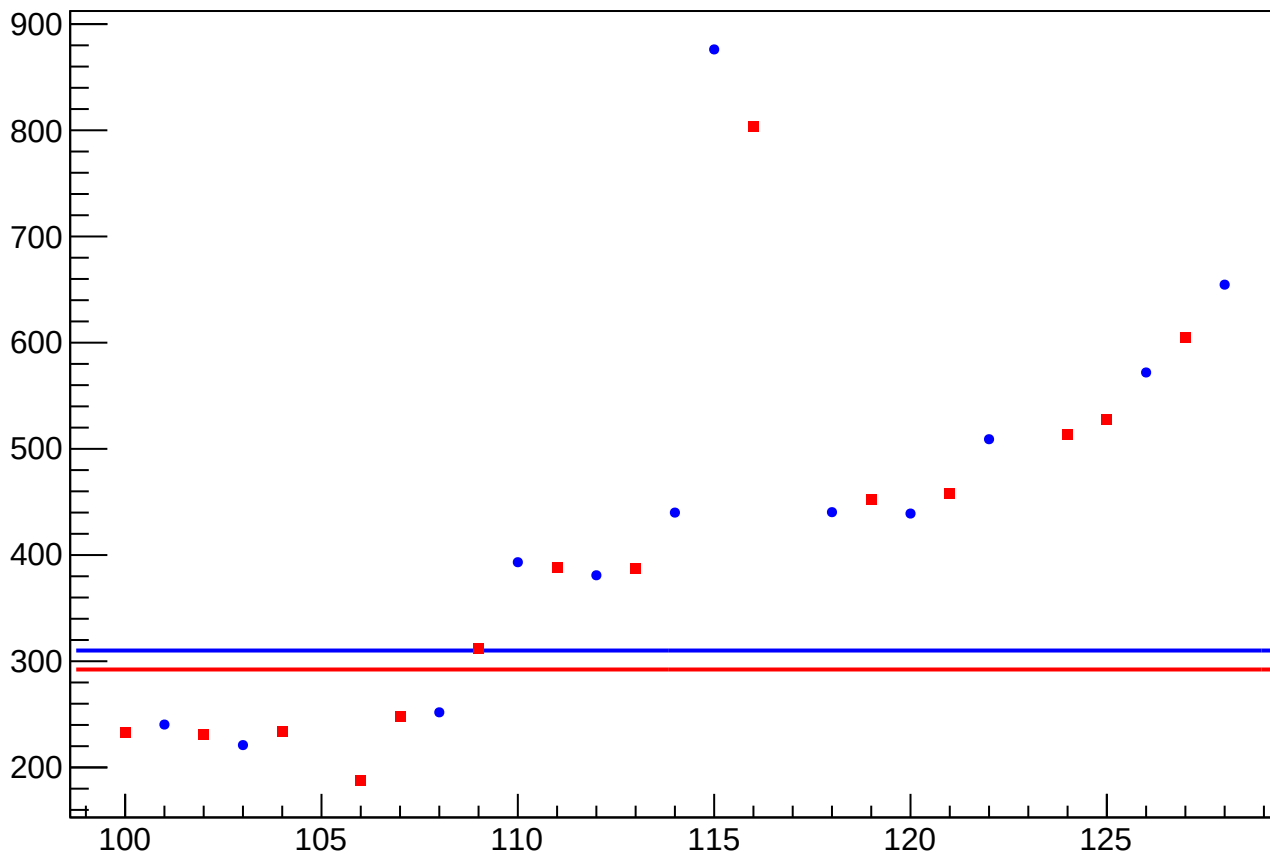
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.837+/-99.634 χ^2/NDF : 21.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_dit_correction_rms vs Slug



Right In: 310.089+/-0.105 χ^2/NDF : 1273351.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

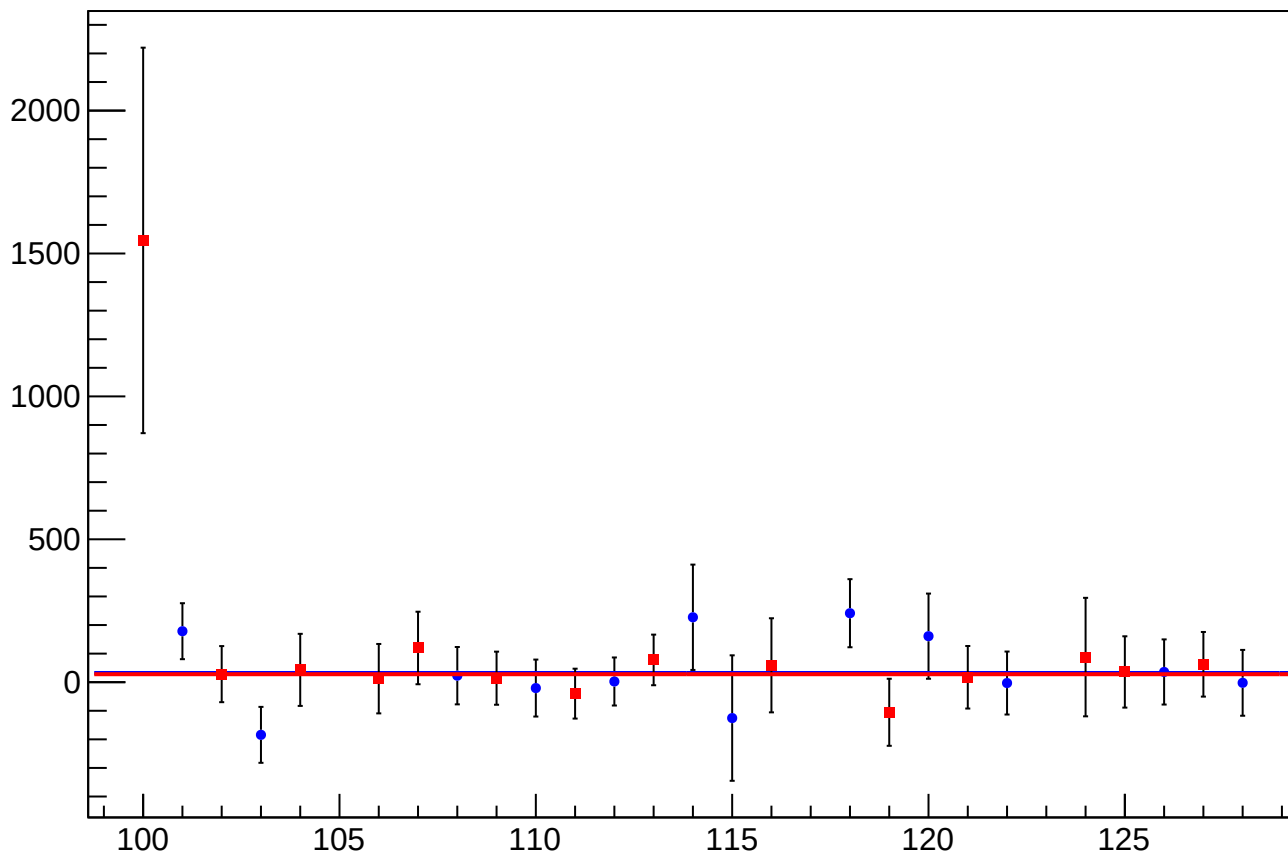
Right Out: 292.217+/-0.095 χ^2/NDF : 1391211.0/13

All: 300.219+/-0.070 χ^2/NDF : 2680474.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_37_48_dd_mean vs Slug



Right In: 32.200+/-32.433 χ^2/NDF : 13.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.918+/-31.125 χ^2/NDF : 8.1/13

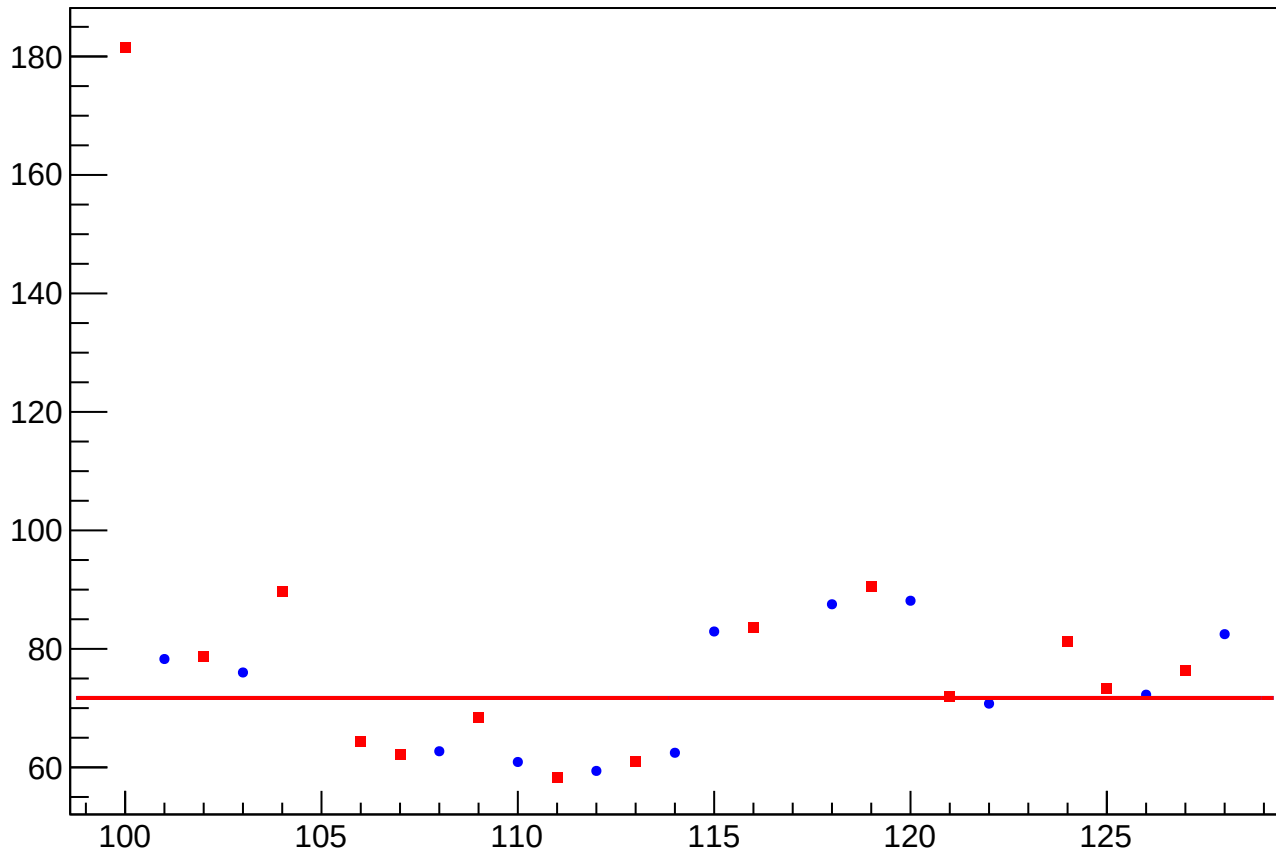
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.971+/-22.457 χ^2/NDF : 21.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_37_48_dd_rms vs Slug



Right In: 71.715+/-0.023 χ^2/NDF : 182829.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.714+/-0.022 χ^2/NDF : 271642.2/13

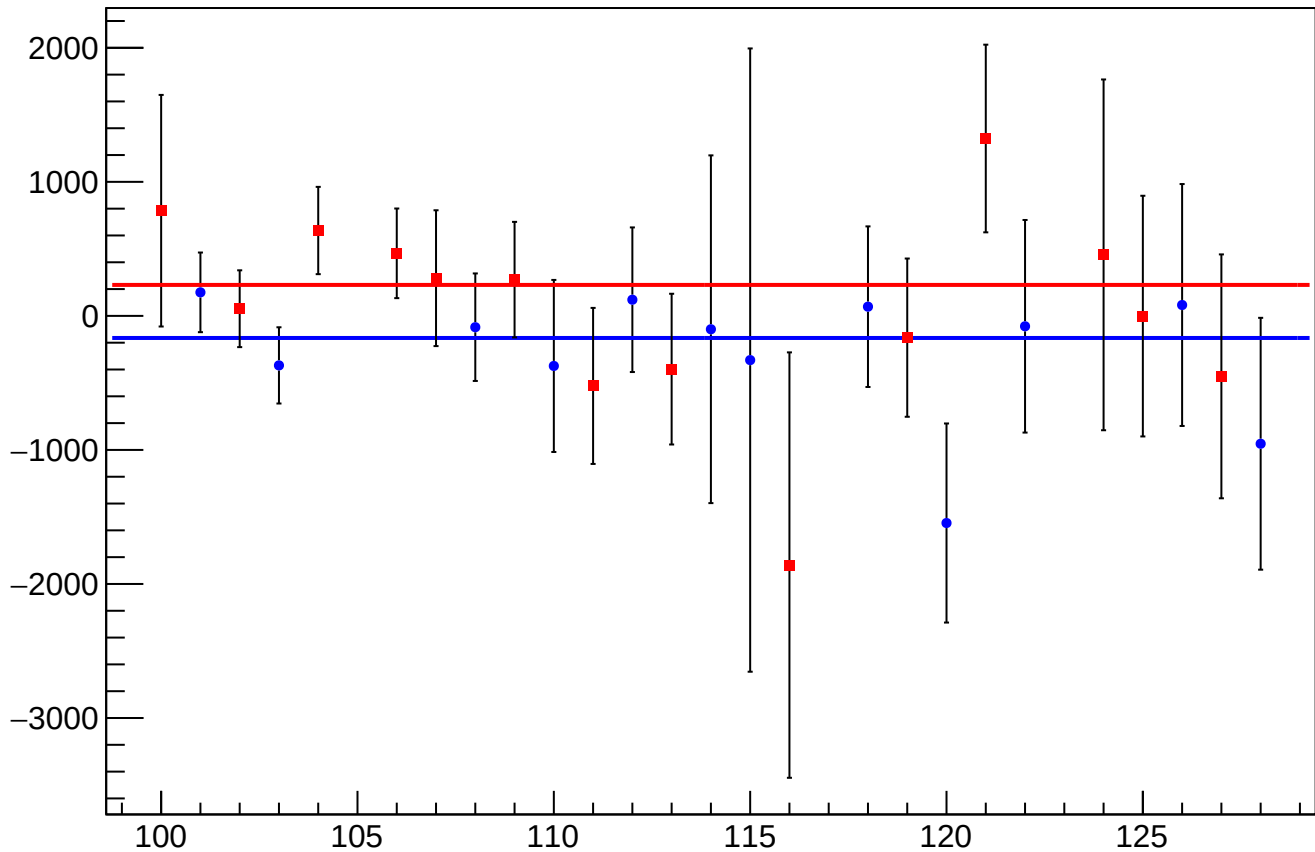
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.715+/-0.016 χ^2/NDF : 454471.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_dit_correction_mean vs Slug



Right In: -164.744+/-148.898 χ^2/NDF : 6.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 231.063+/-134.074 χ^2/NDF : 11.1/13

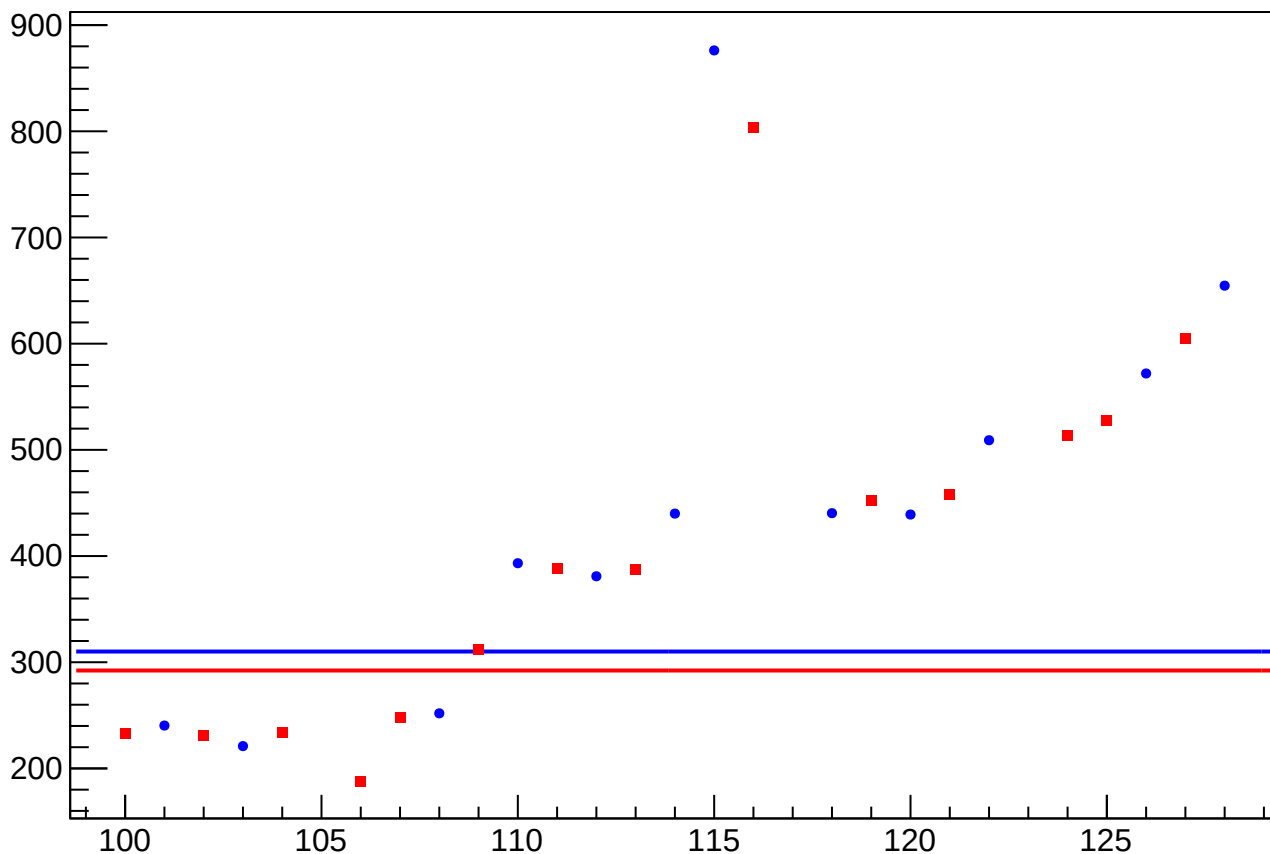
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.838+/-99.634 χ^2/NDF : 21.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_dit_correction_rms vs Slug



Right In: 310.089+/-0.105 χ^2/NDF : 1273350.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

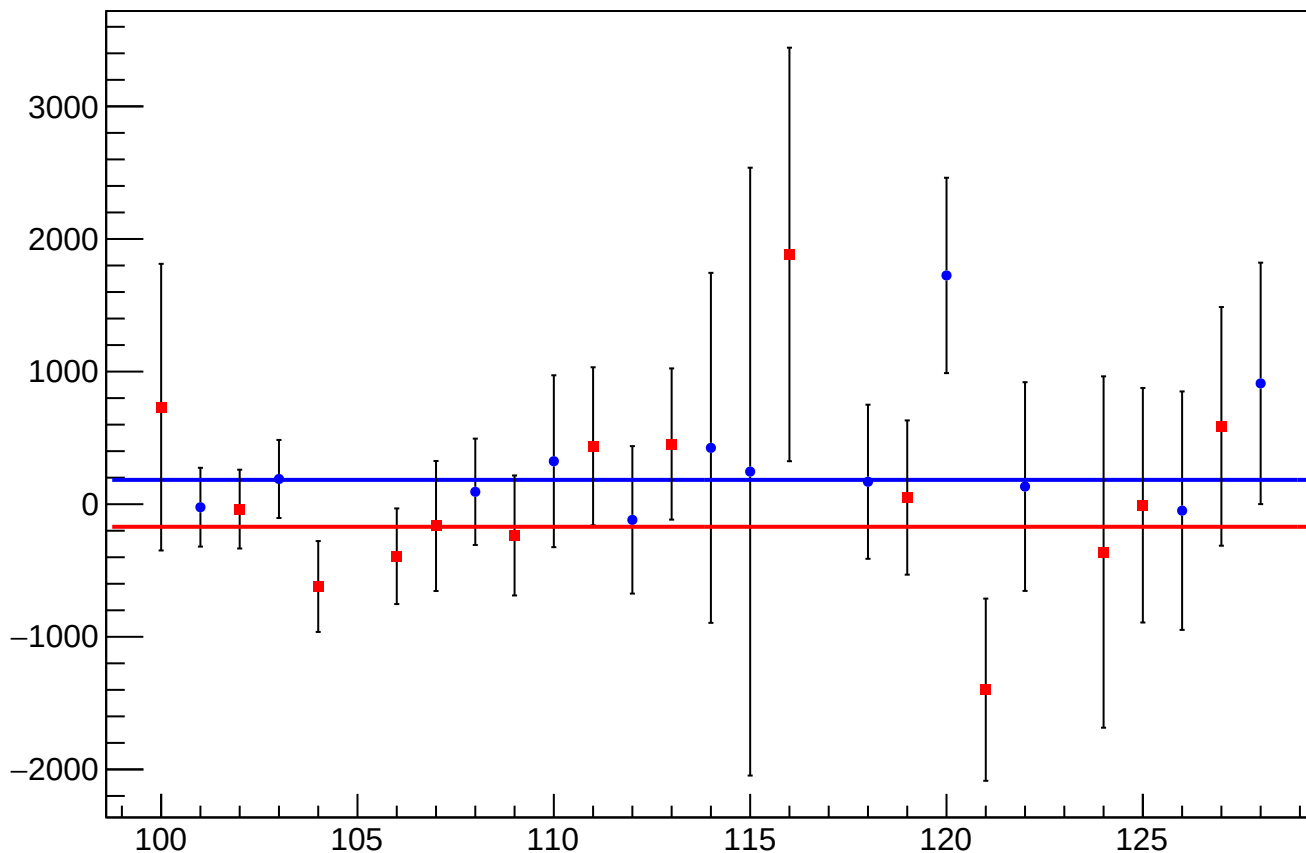
Right Out: 292.217+/-0.095 χ^2/NDF : 1391208.9/13

All: 300.219+/-0.070 χ^2/NDF : 2680472.4/25

- 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: 183.472 $\pm$ 150.181 χ^2 /NDF: 6.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -170.333 $\pm$ 138.802 χ^2 /NDF: 11.1/13

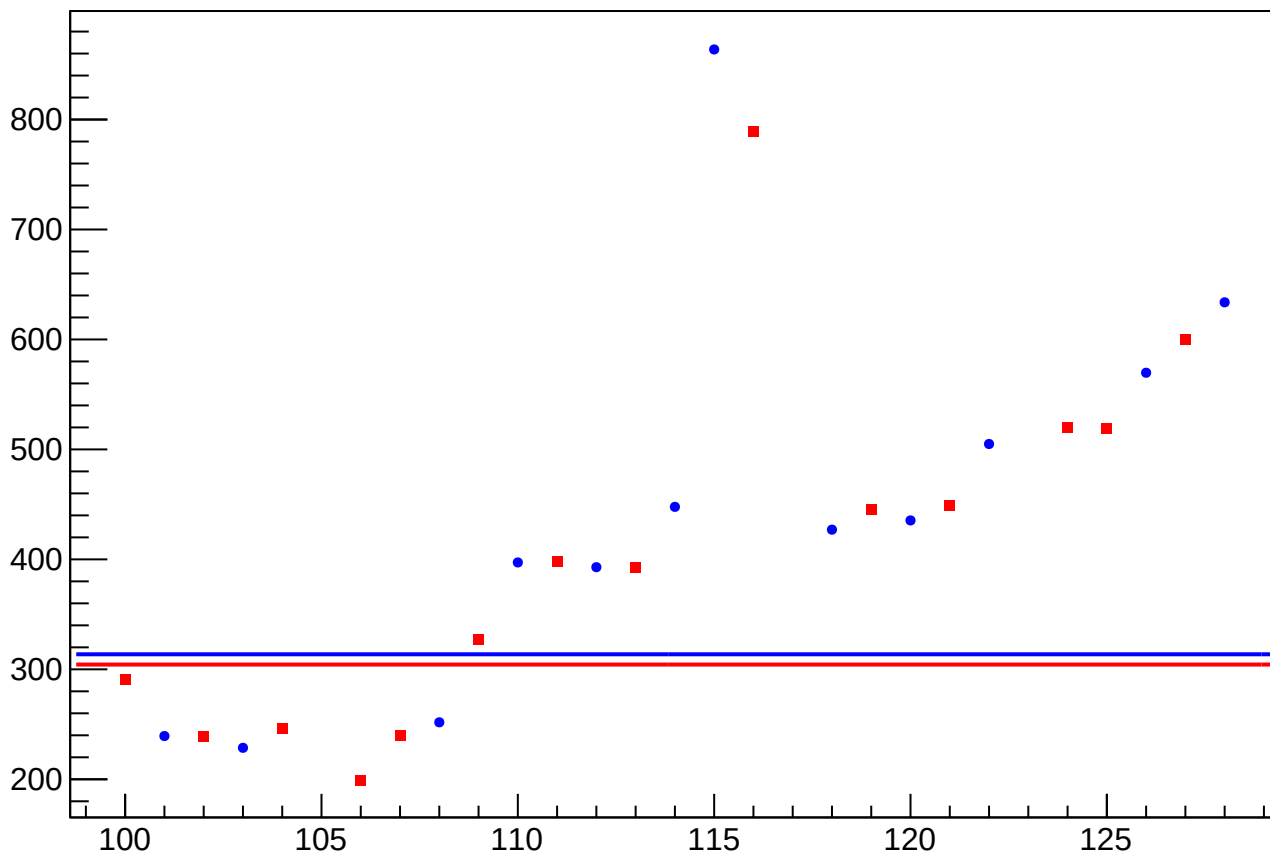
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -7.341 $\pm$ 101.933 χ^2 /NDF: 20.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_rms vs Slug



Right In: 313.678+/-0.106 χ^2/NDF : 1207786.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 304.343+/-0.098 χ^2/NDF : 1248386.0/13

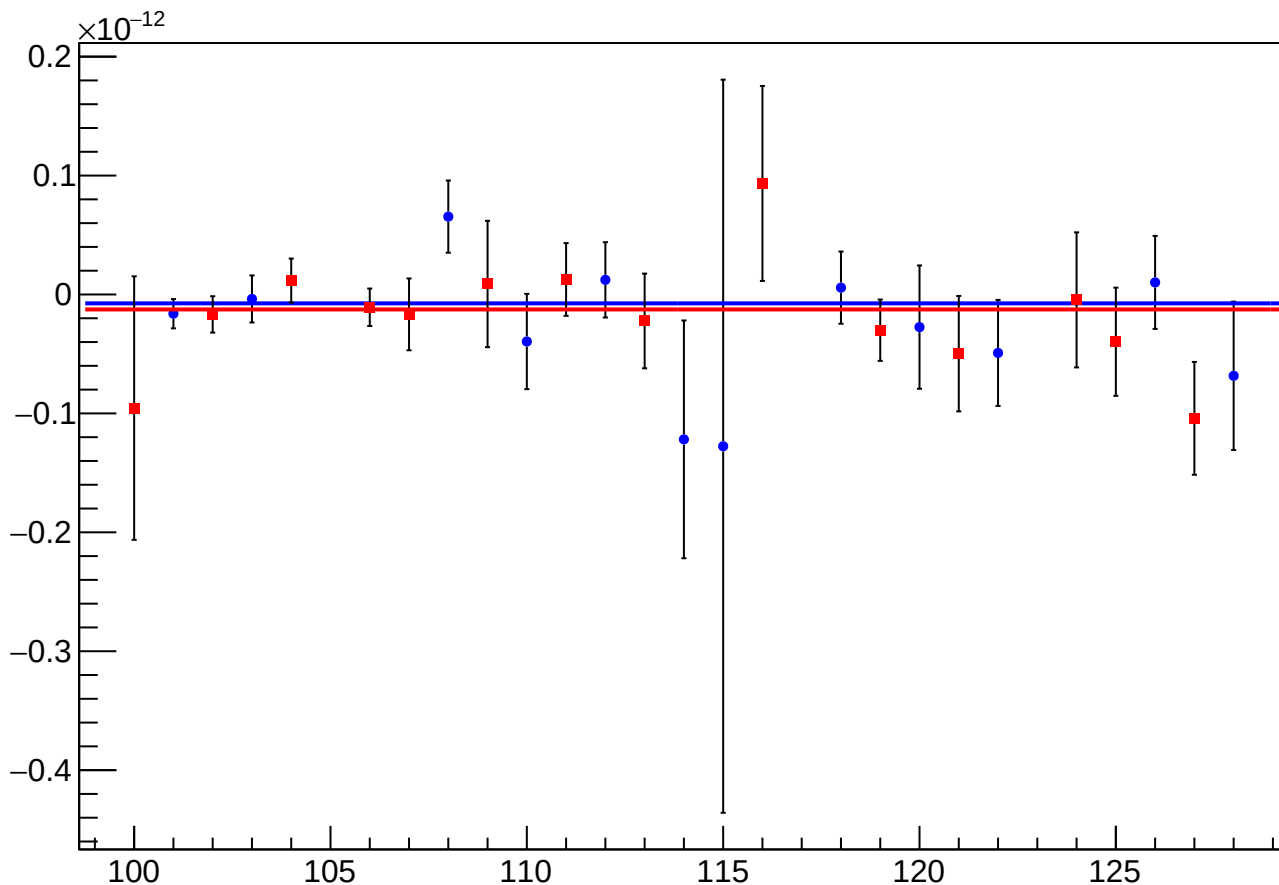
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 308.644+/-0.072 χ^2/NDF : 2460339.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.1/13

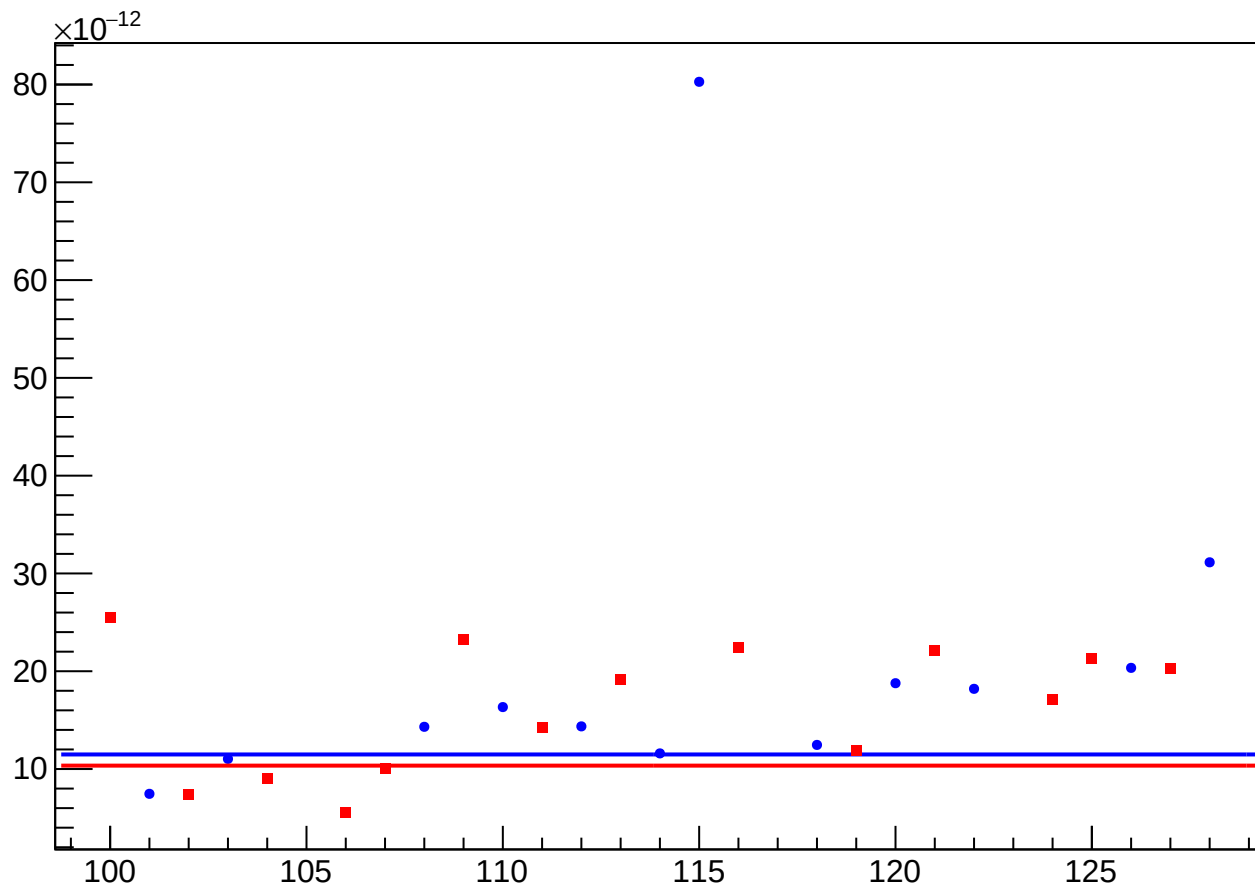
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 765307.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 957973.2/13

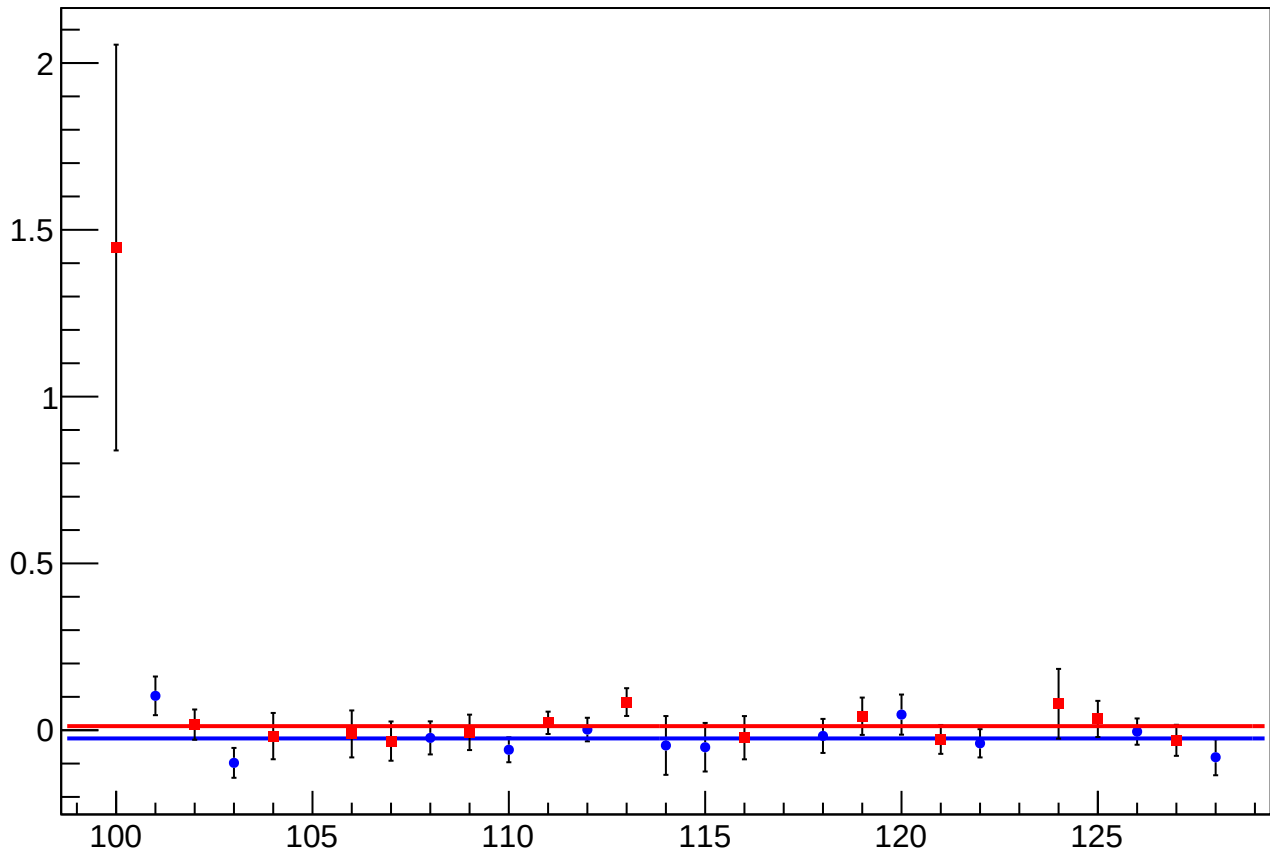
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1744363.3/25

- 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: -0.025 ± 0.014 χ^2/NDF : 12.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.012 ± 0.014 χ^2/NDF : 12.5/13

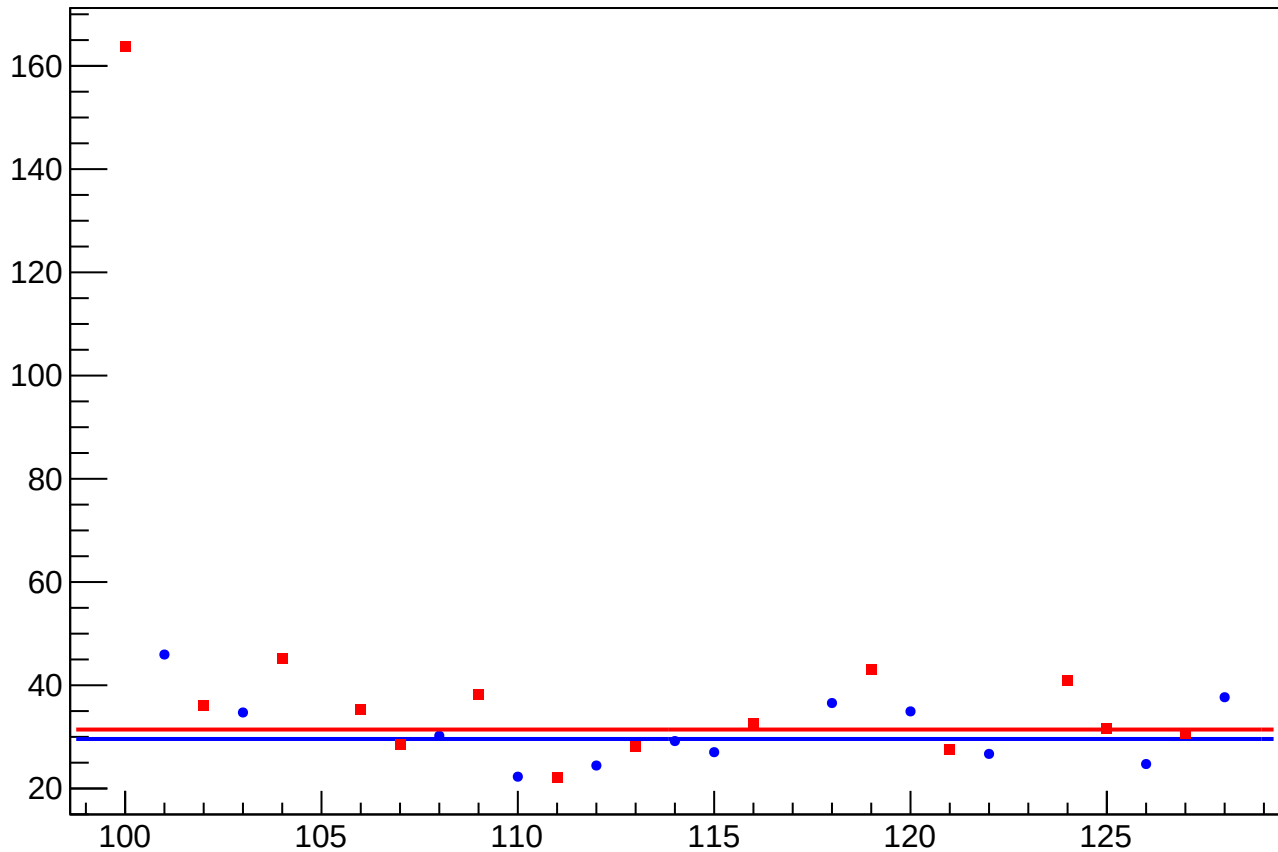
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.010 χ^2/NDF : 28.0/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_dit_vs_cor_diff_rms vs Slug



Right In: 29.592+/-0.010 χ^2/NDF : 444815.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.423+/-0.010 χ^2/NDF : 524867.3/13

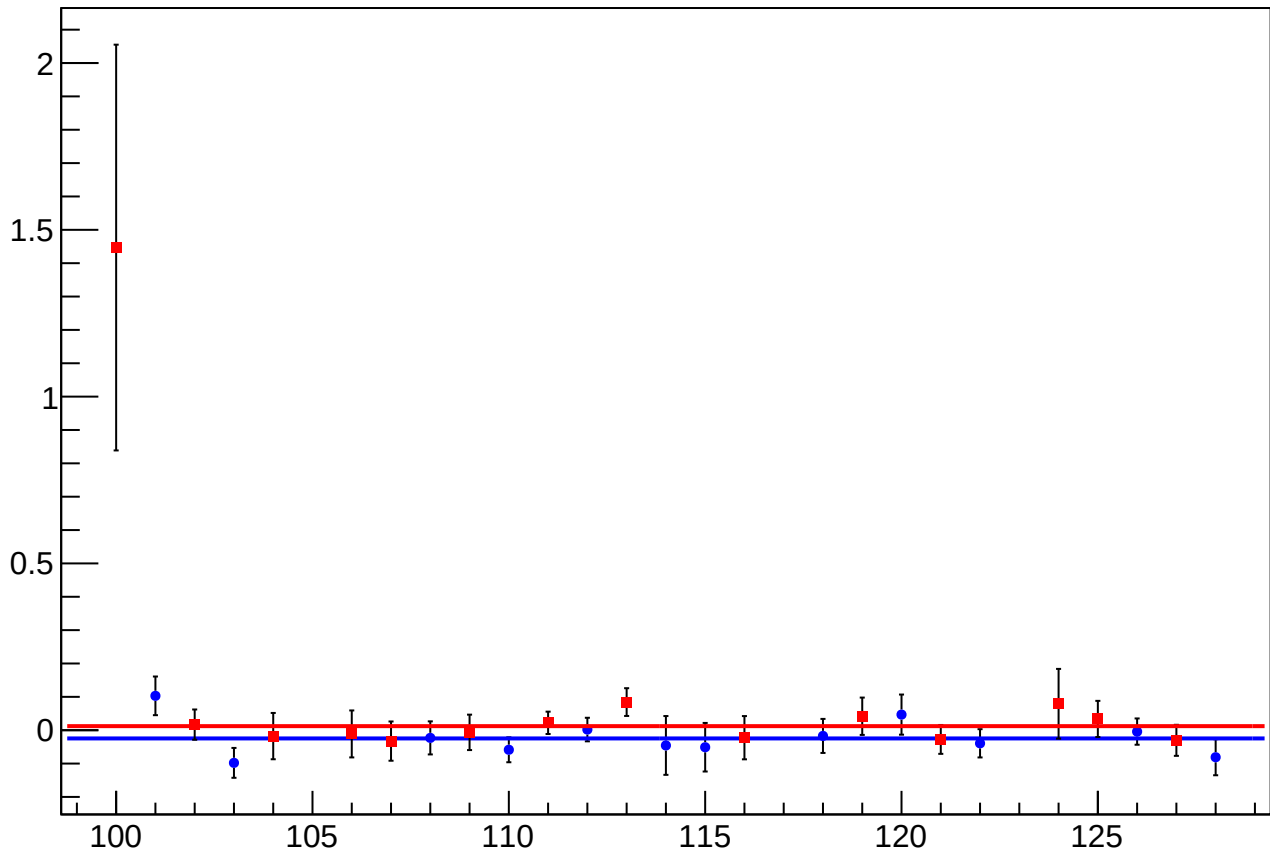
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.486+/-0.007 χ^2/NDF : 986838.8/25

- 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: -0.025 ± 0.014 $\chi^2/\text{NDF}: 12.0/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.012 ± 0.014 $\chi^2/\text{NDF}: 12.5/13$

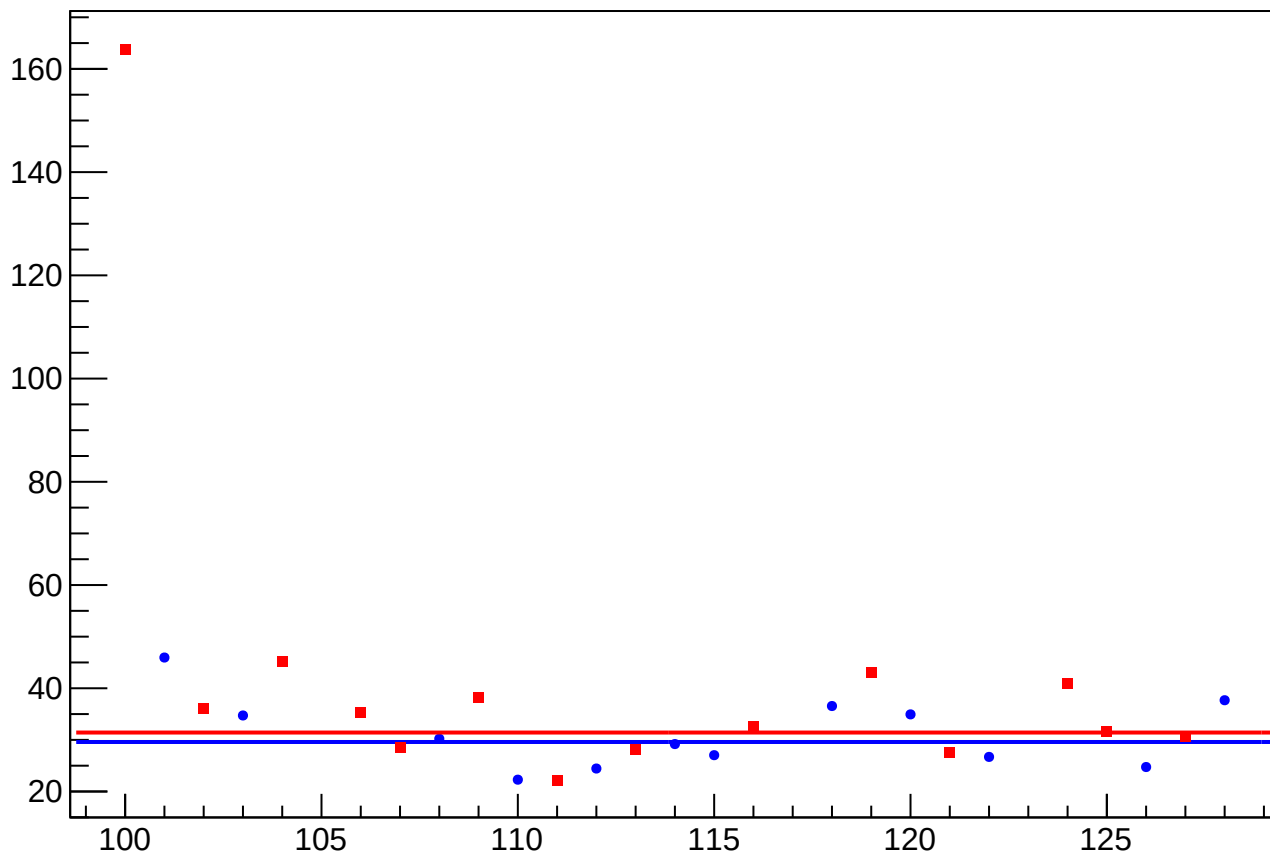
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.007 ± 0.010 $\chi^2/\text{NDF}: 28.0/25$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 29.592+/-0.010 χ^2/NDF : 444815.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.423+/-0.010 χ^2/NDF : 524867.3/13

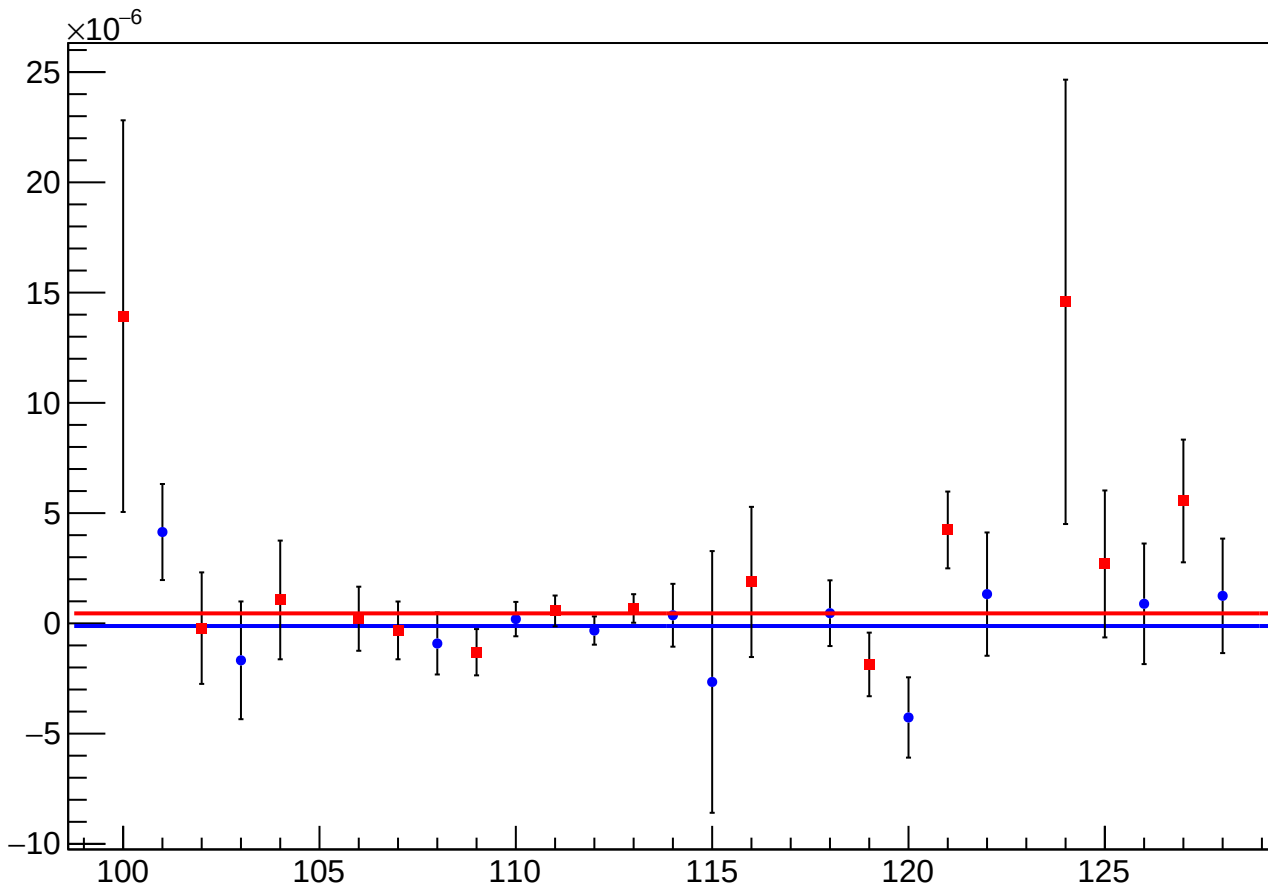
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.486+/-0.007 χ^2/NDF : 986838.8/25

- sign 0.000+/-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+/-0.000 χ^2 /NDF: 11.1/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 19.0/13

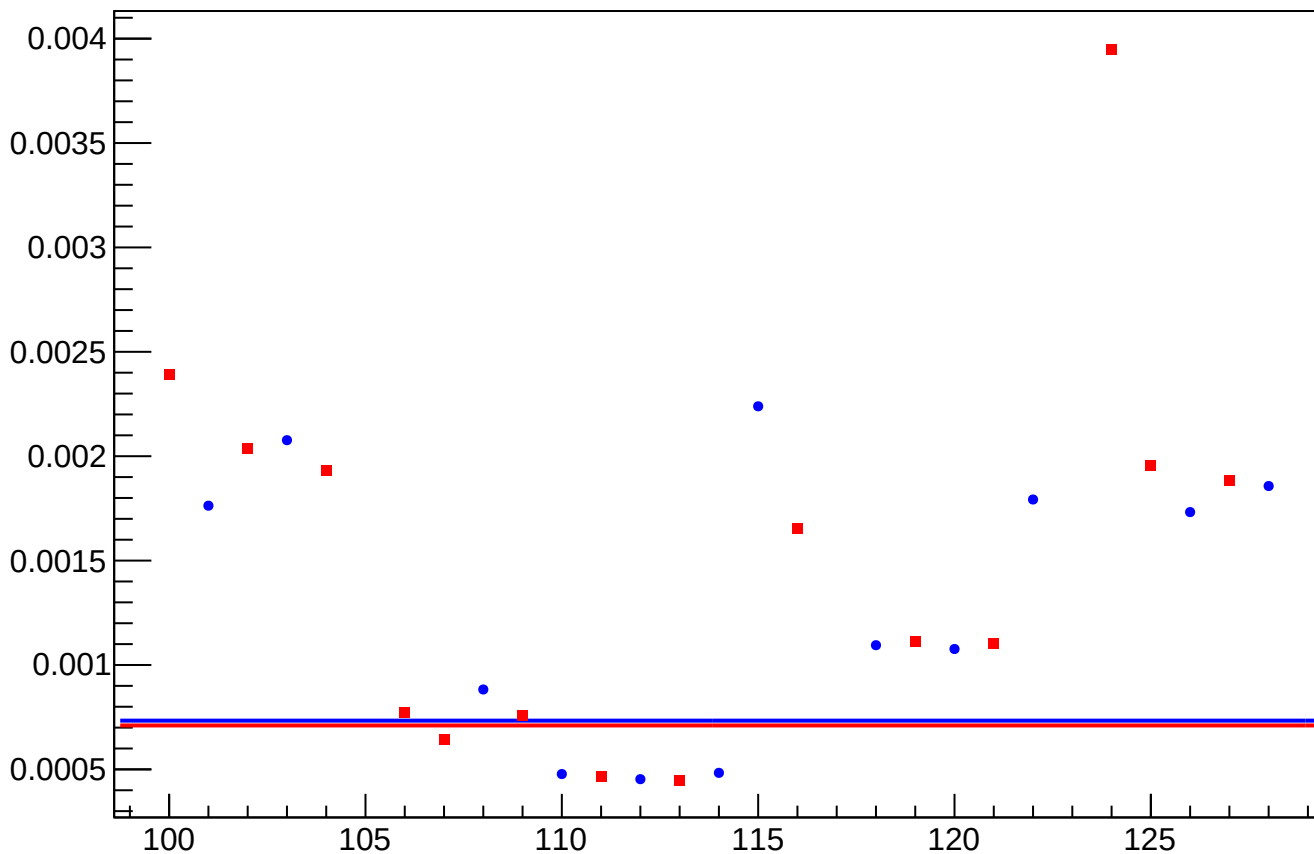
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 31.3/25

- sign 0.000+/-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 : 2881319.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2876441.4/13

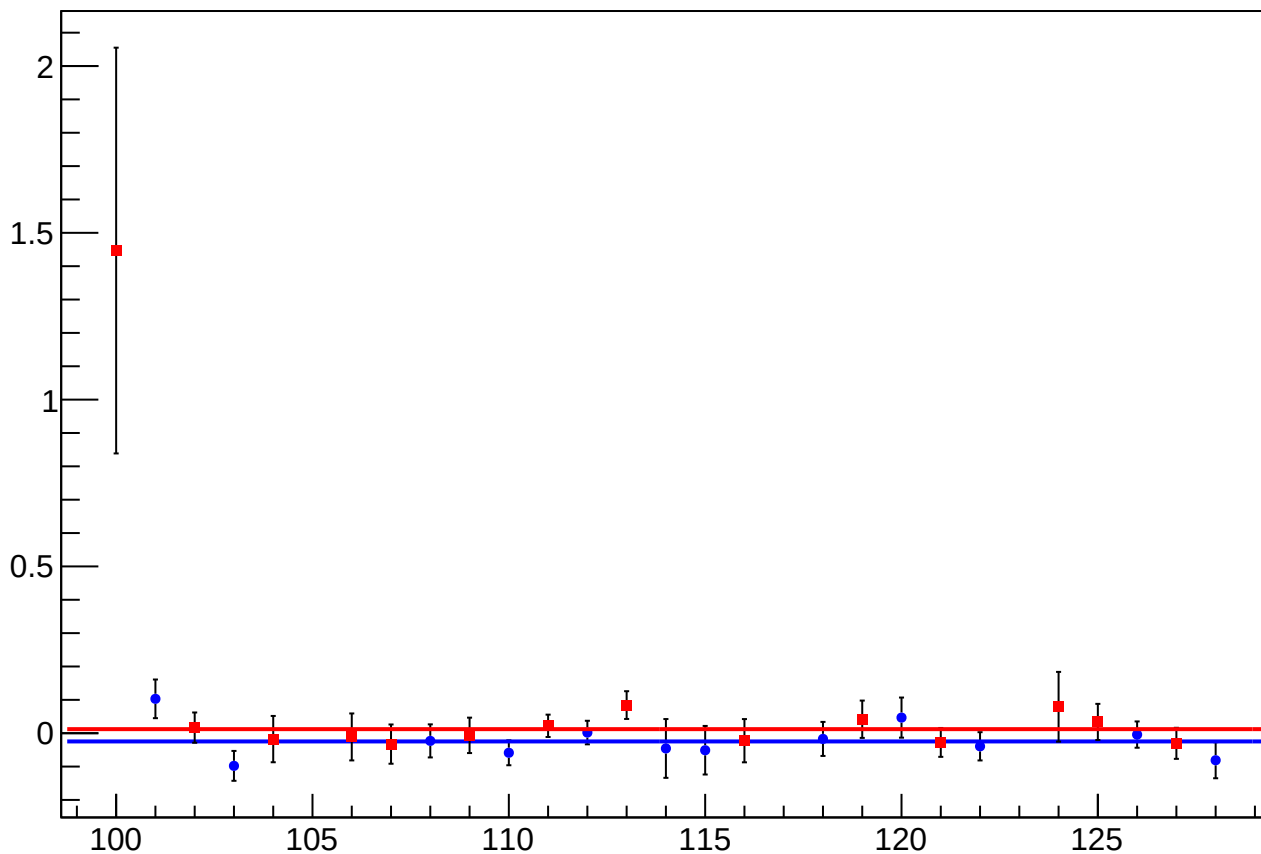
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5761574.6/25

- 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: -0.025 ± 0.014 χ^2/NDF : 12.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.012 ± 0.014 χ^2/NDF : 12.5/13

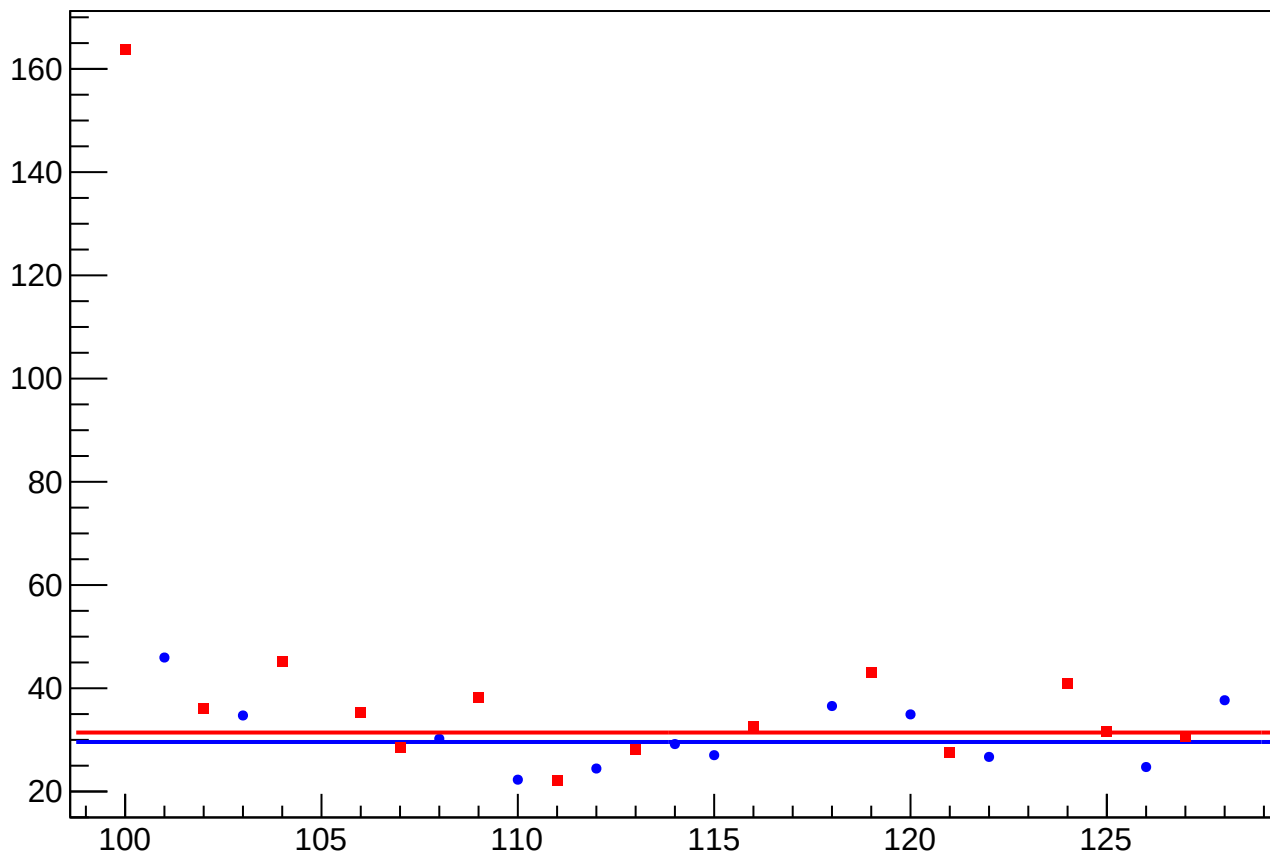
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.010 χ^2/NDF : 28.0/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 29.593+/-0.010 χ^2/NDF : 444794.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.424+/-0.010 χ^2/NDF : 524871.6/13

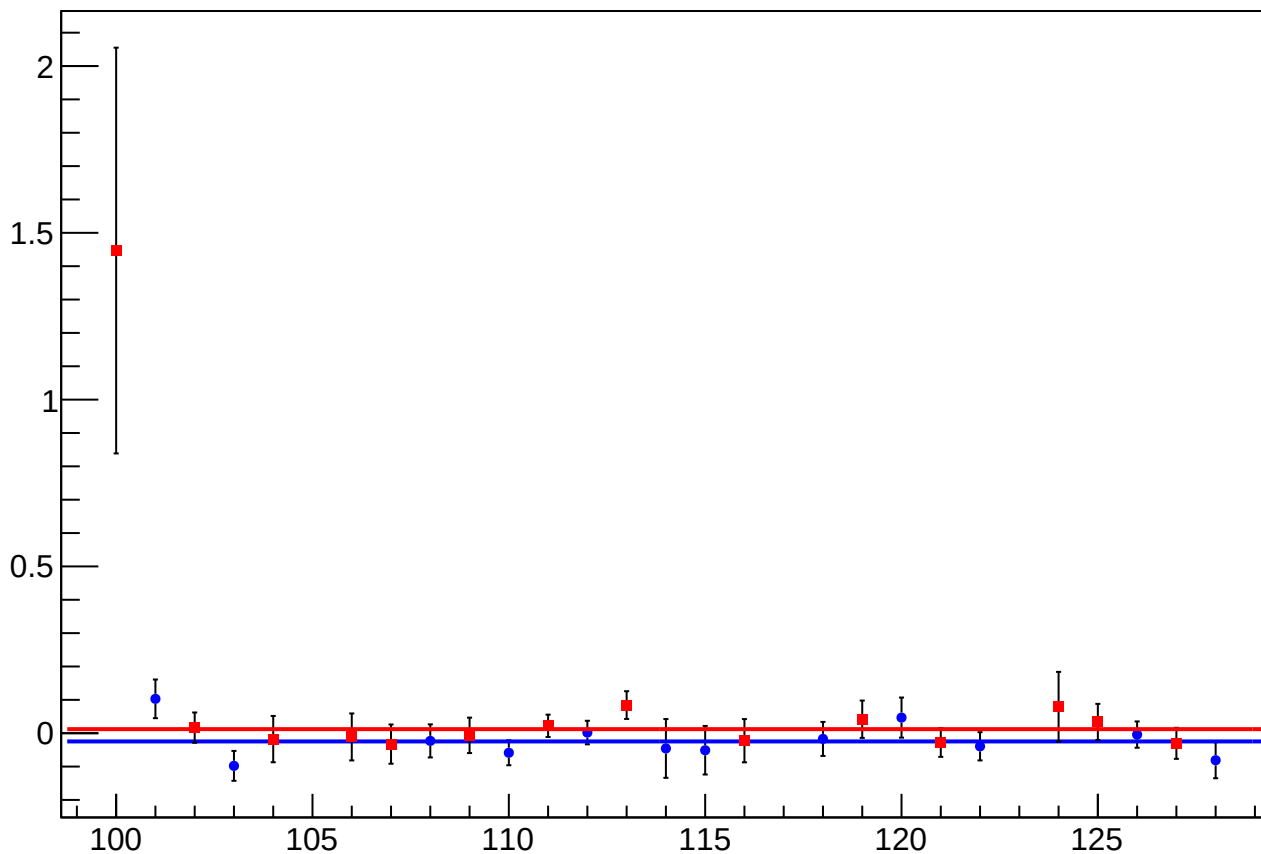
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.486+/-0.007 χ^2/NDF : 986822.5/25

- 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



Right In: -0.025 ± 0.014 χ^2/NDF : 12.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.012 ± 0.014 χ^2/NDF : 12.5/13

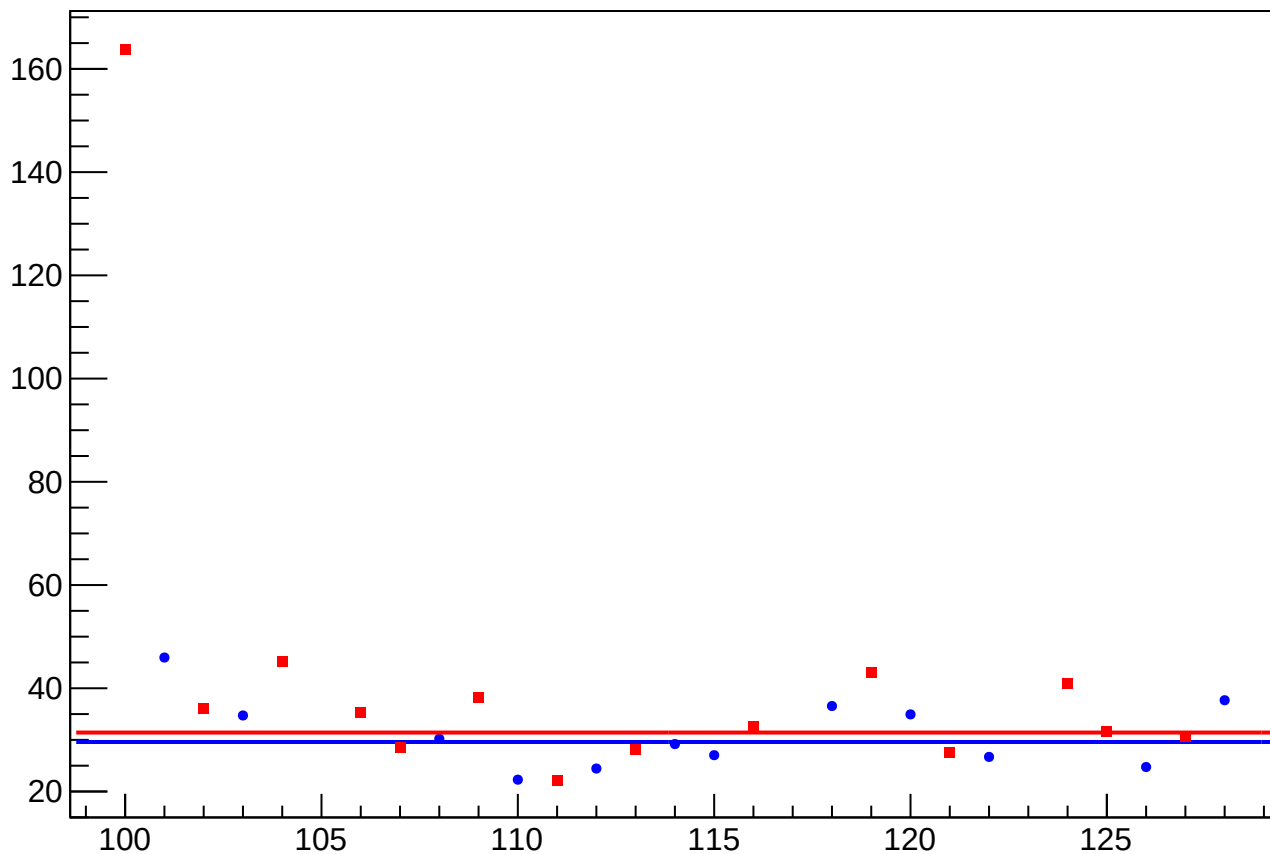
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.010 χ^2/NDF : 28.0/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 29.593+/-0.010 χ^2/NDF : 444794.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.424+/-0.010 χ^2/NDF : 524871.6/13

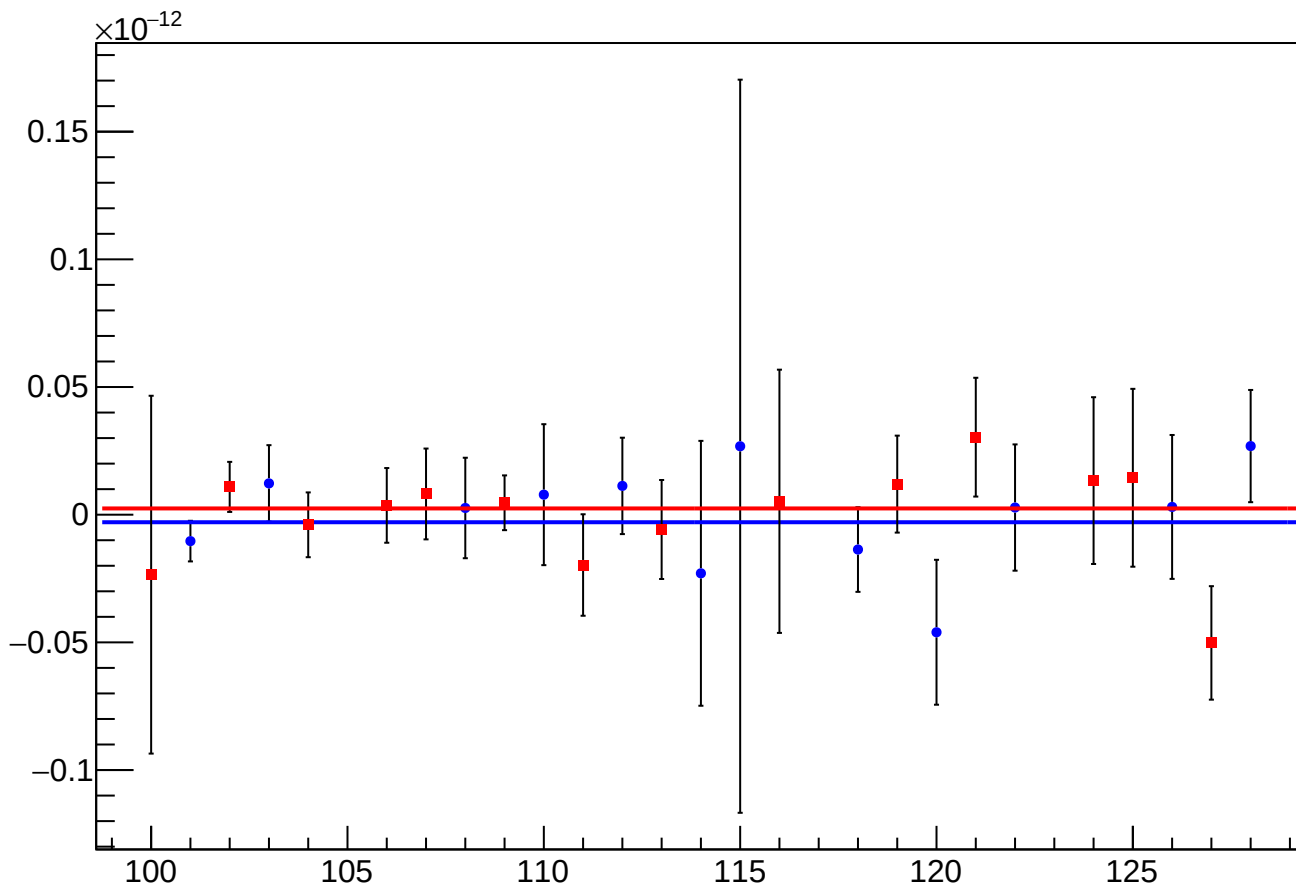
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.486+/-0.007 χ^2/NDF : 986822.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 7.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.2/13

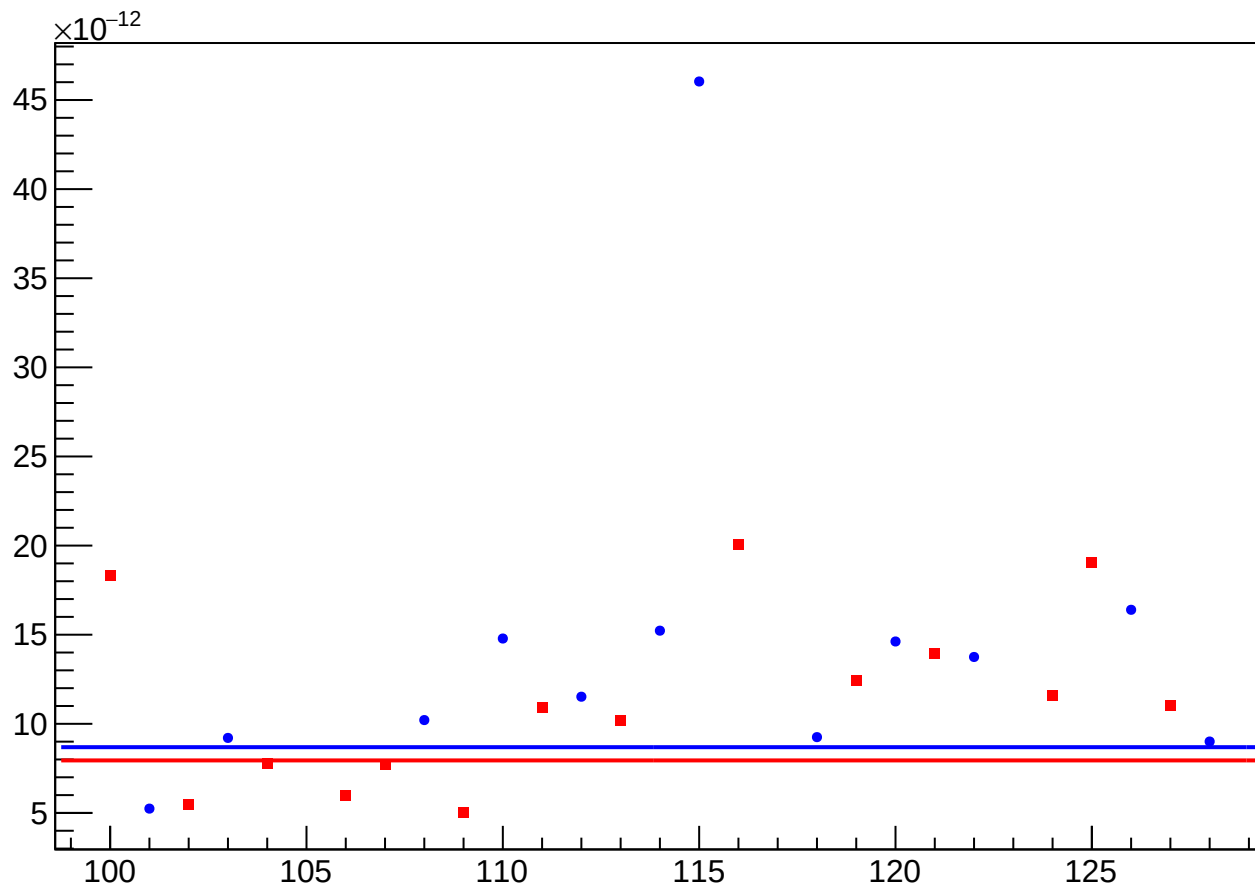
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.4/25

- 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 : 1023337.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1051307.2/13

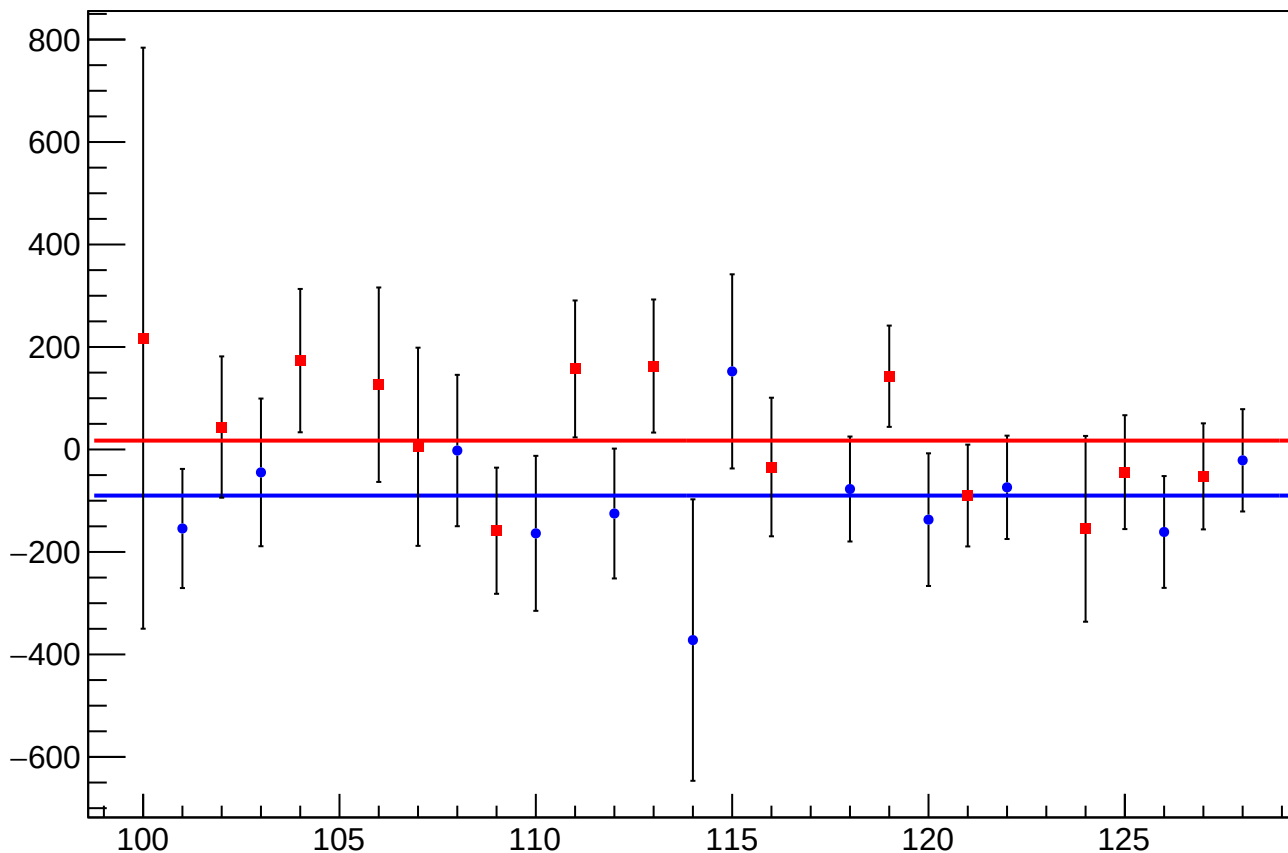
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2097658.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_mean vs Slug



Right In: -89.974 ± 36.449 χ^2/NDF : 4.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 17.311 ± 35.228 χ^2/NDF : 10.7/13

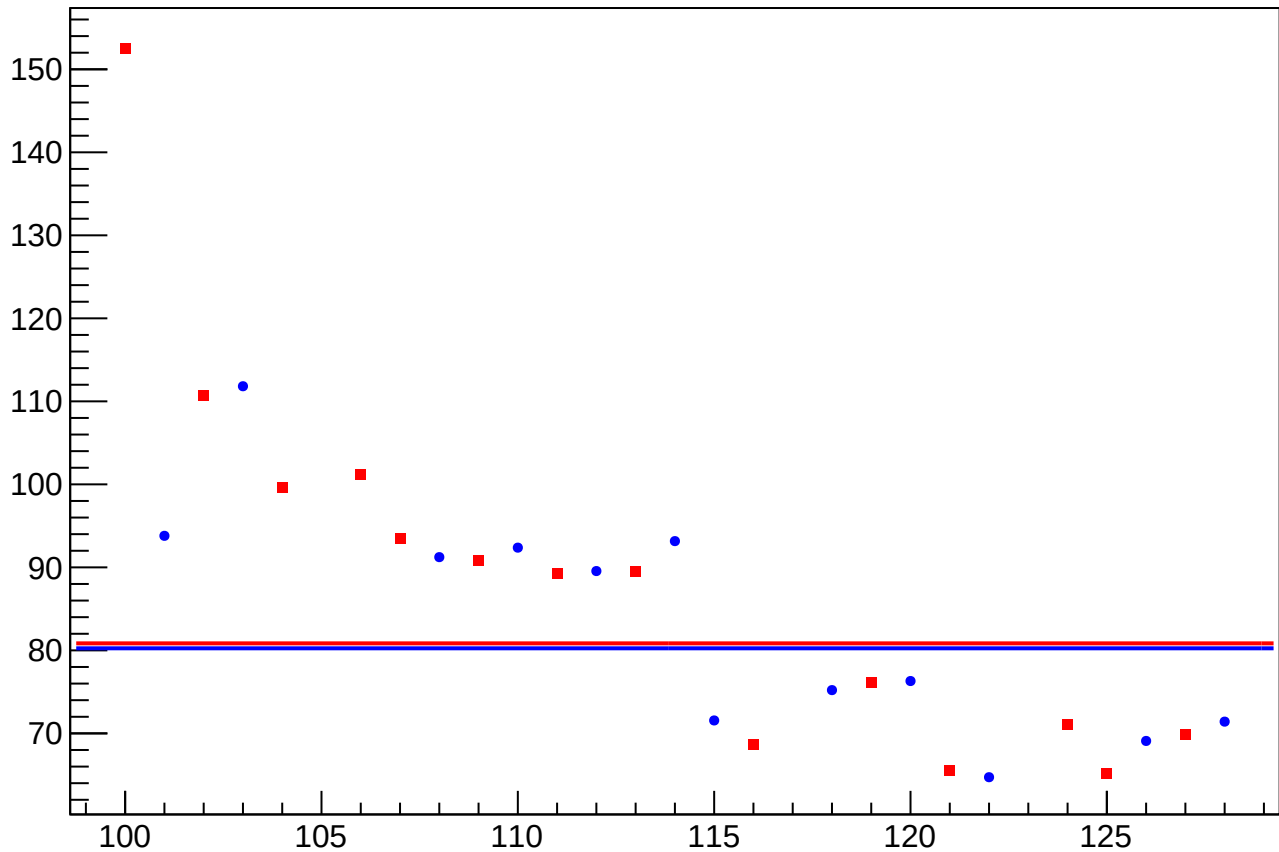
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.503 ± 25.331 χ^2/NDF : 20.0/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_rms vs Slug



Right In: 80.249+/-0.026 χ^2/NDF : 257170.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.845+/-0.025 χ^2/NDF : 359872.3/13

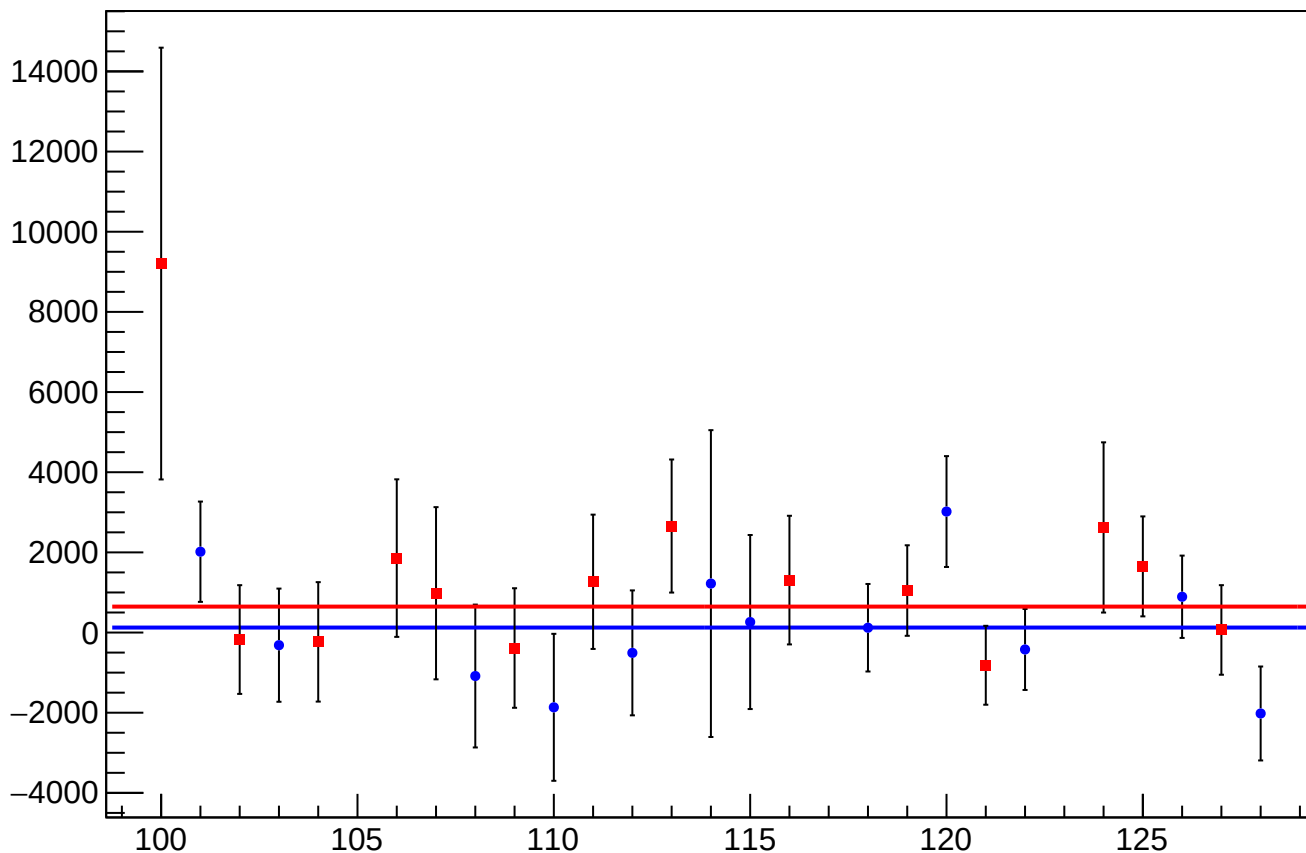
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.557+/-0.018 χ^2/NDF : 617319.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_reg_correction_mean vs Slug



Right In: 124.561+/-393.366 χ^2/NDF : 12.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 647.280+/-390.944 χ^2/NDF : 10.0/13

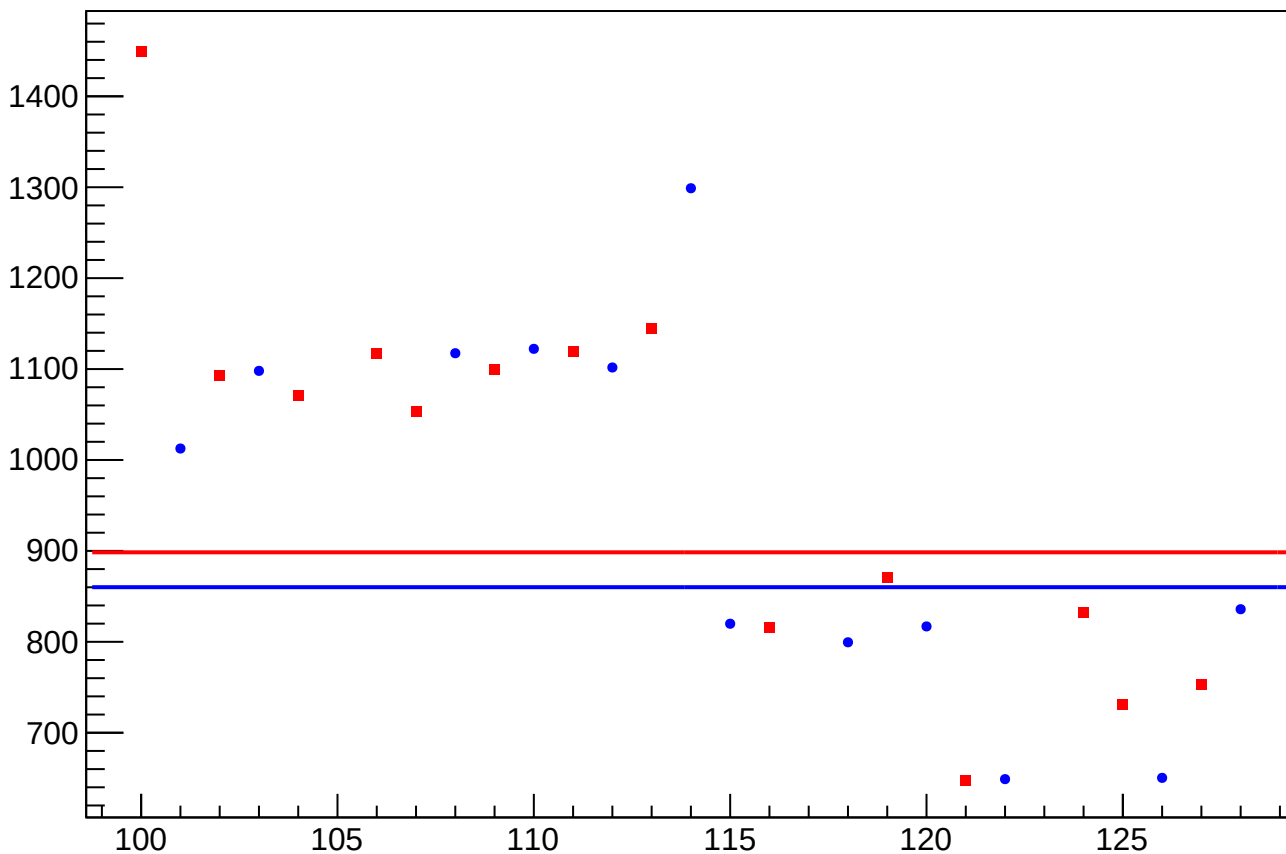
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 387.534+/-277.292 χ^2/NDF : 23.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_reg_correction_rms vs Slug



Right In: 860.098+/-0.278 χ^2/NDF : 423866.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 898.446+/-0.276 χ^2/NDF : 446904.6/13

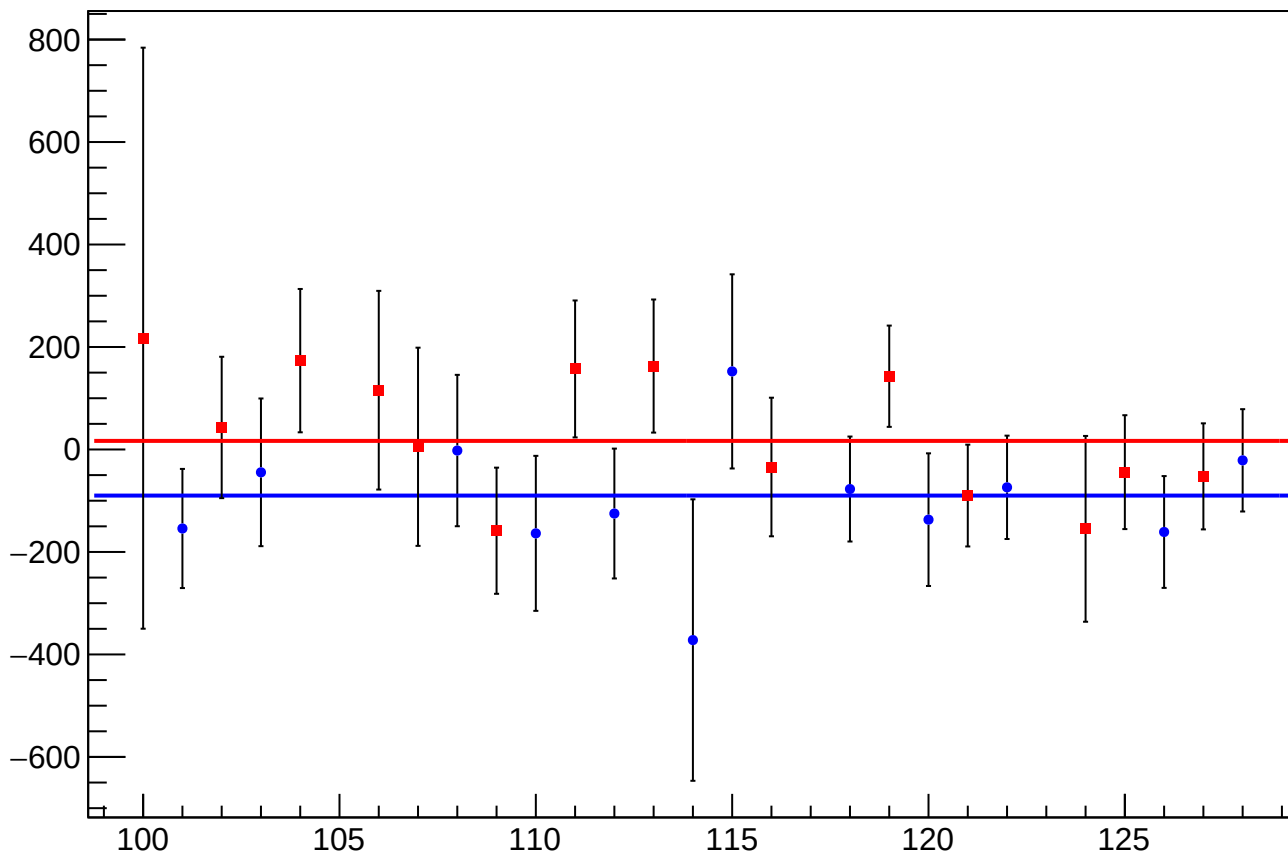
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 879.390+/-0.196 χ^2/NDF : 880333.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_26_dd_mean vs Slug



Right In: -89.967 ± 36.449 χ^2/NDF : 4.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 16.739 ± 35.255 χ^2/NDF : 10.6/13

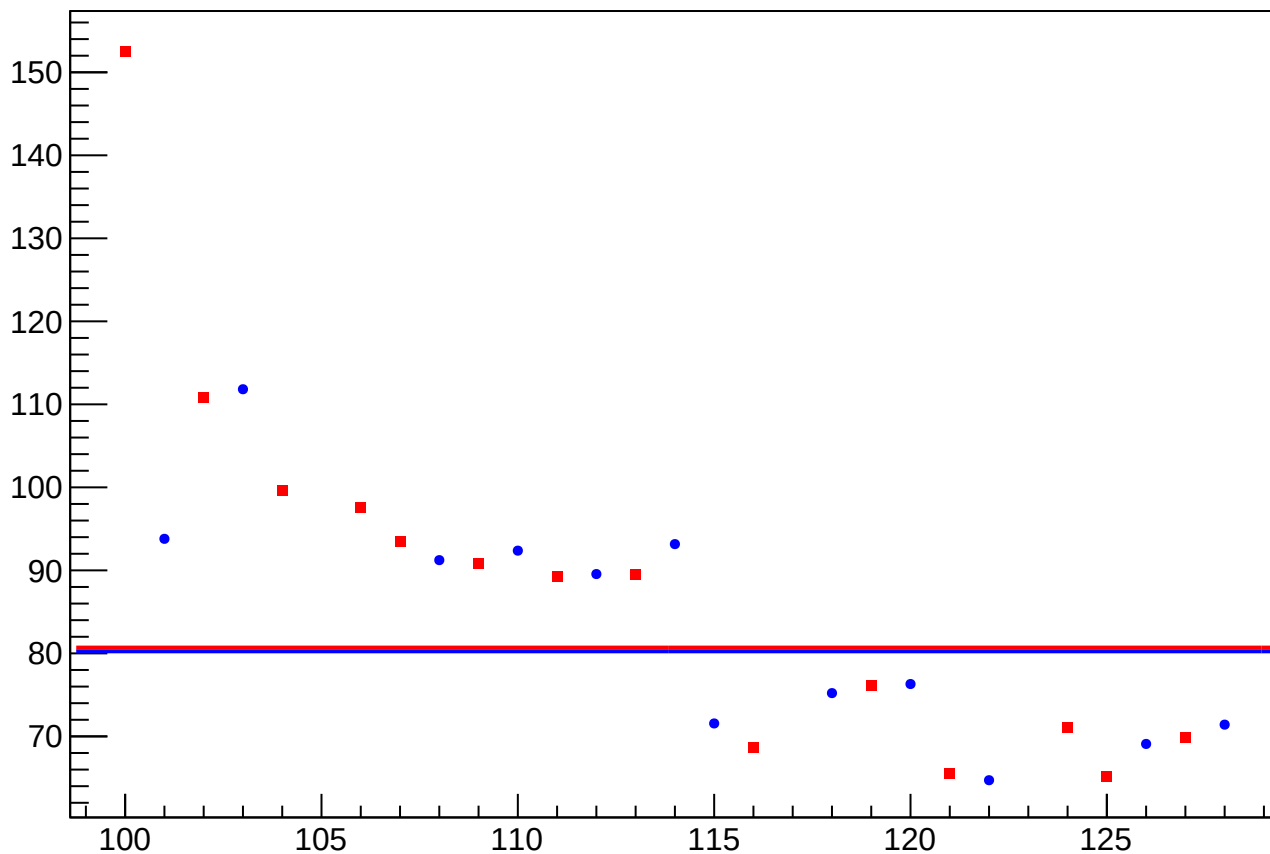
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.836 ± 25.341 χ^2/NDF : 19.9/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_26_dd_rms vs Slug



Right In: 80.249+/-0.026 χ^2 /NDF: 257172.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 80.695+/-0.025 χ^2 /NDF: 351856.1/13

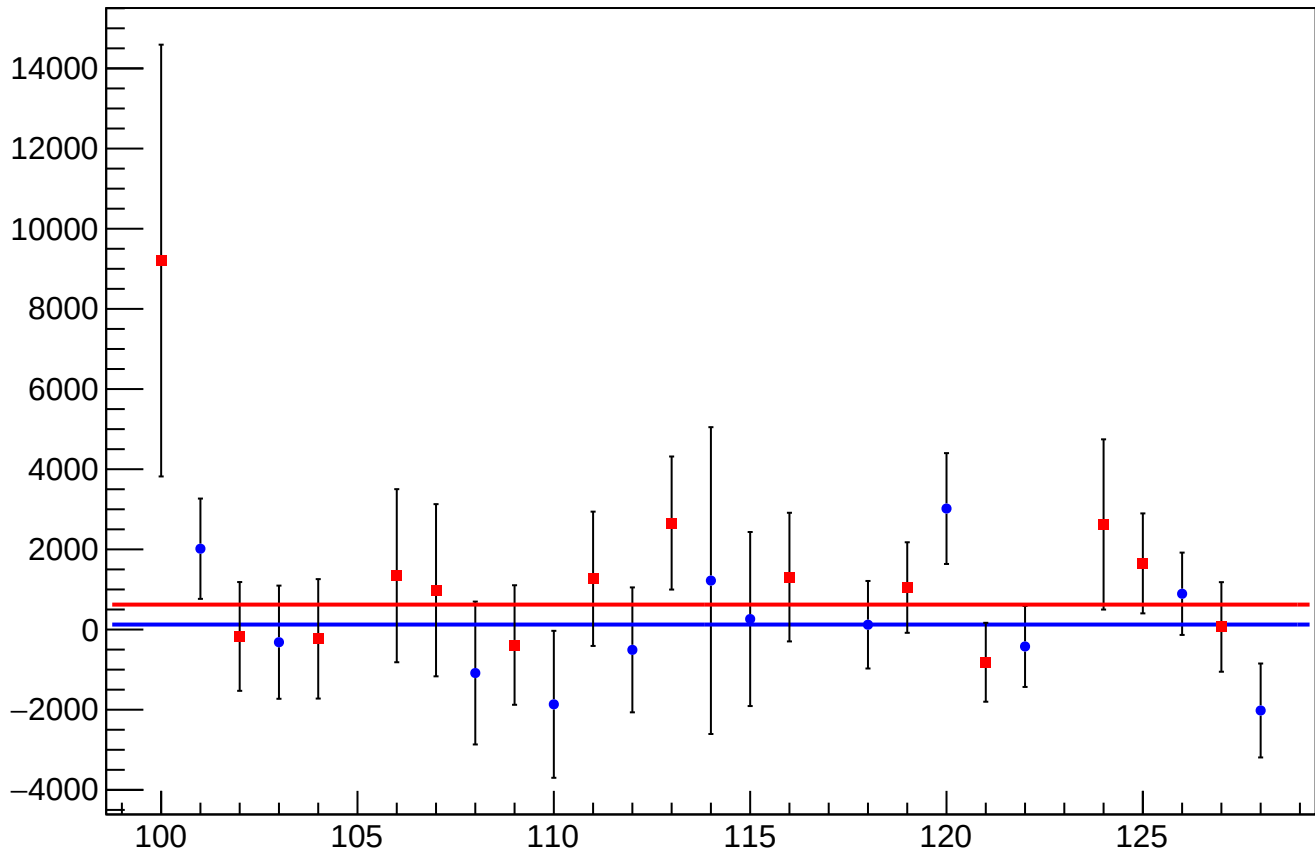
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 80.479+/-0.018 χ^2 /NDF: 609183.4/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_cor_correction_mean vs Slug



Right In: 124.523+/-393.367 χ^2/NDF : 12.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 622.381+/-392.297 χ^2/NDF : 9.7/13

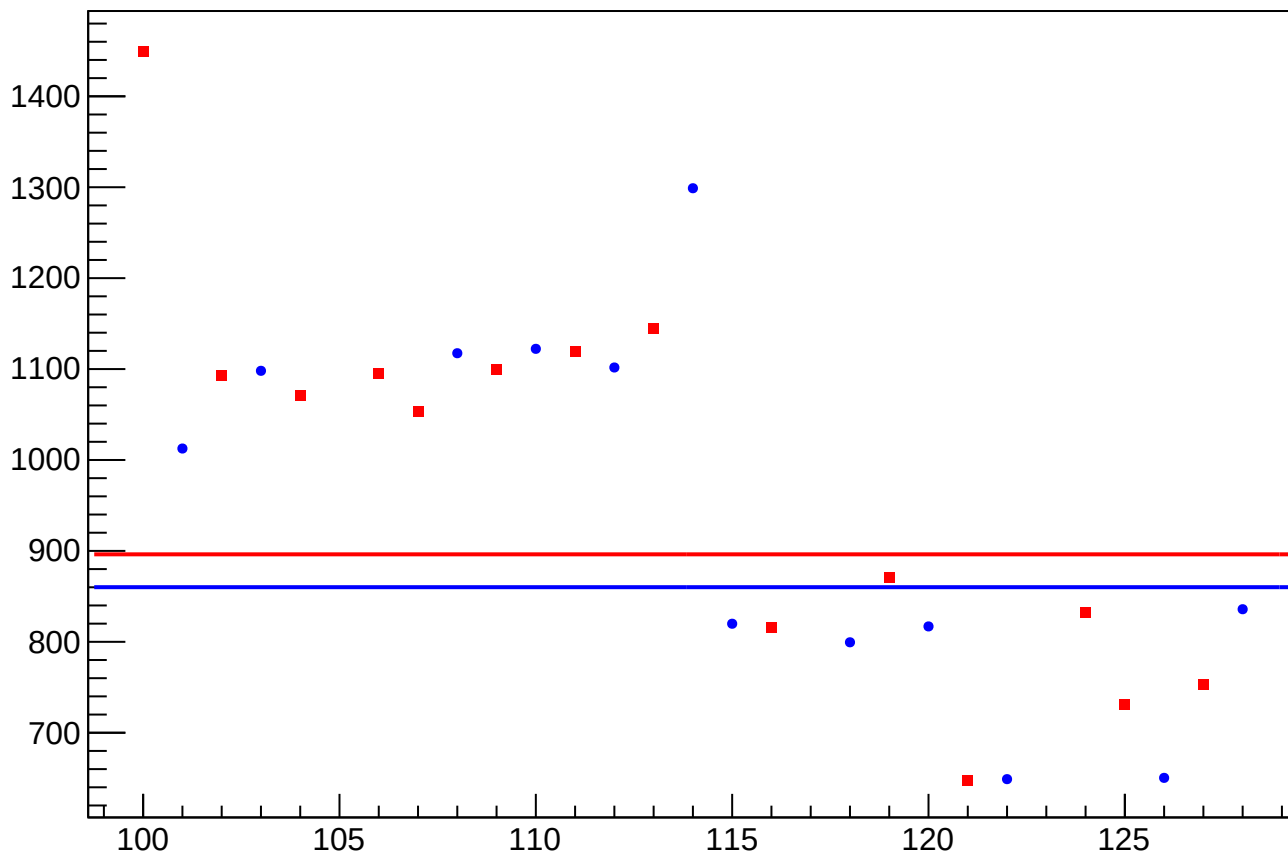
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 374.130+/-277.774 χ^2/NDF : 23.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_cor_correction_rms vs Slug



Right In: 860.100+/-0.278 χ^2/NDF : 423889.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 896.231+/-0.277 χ^2/NDF : 438730.4/13

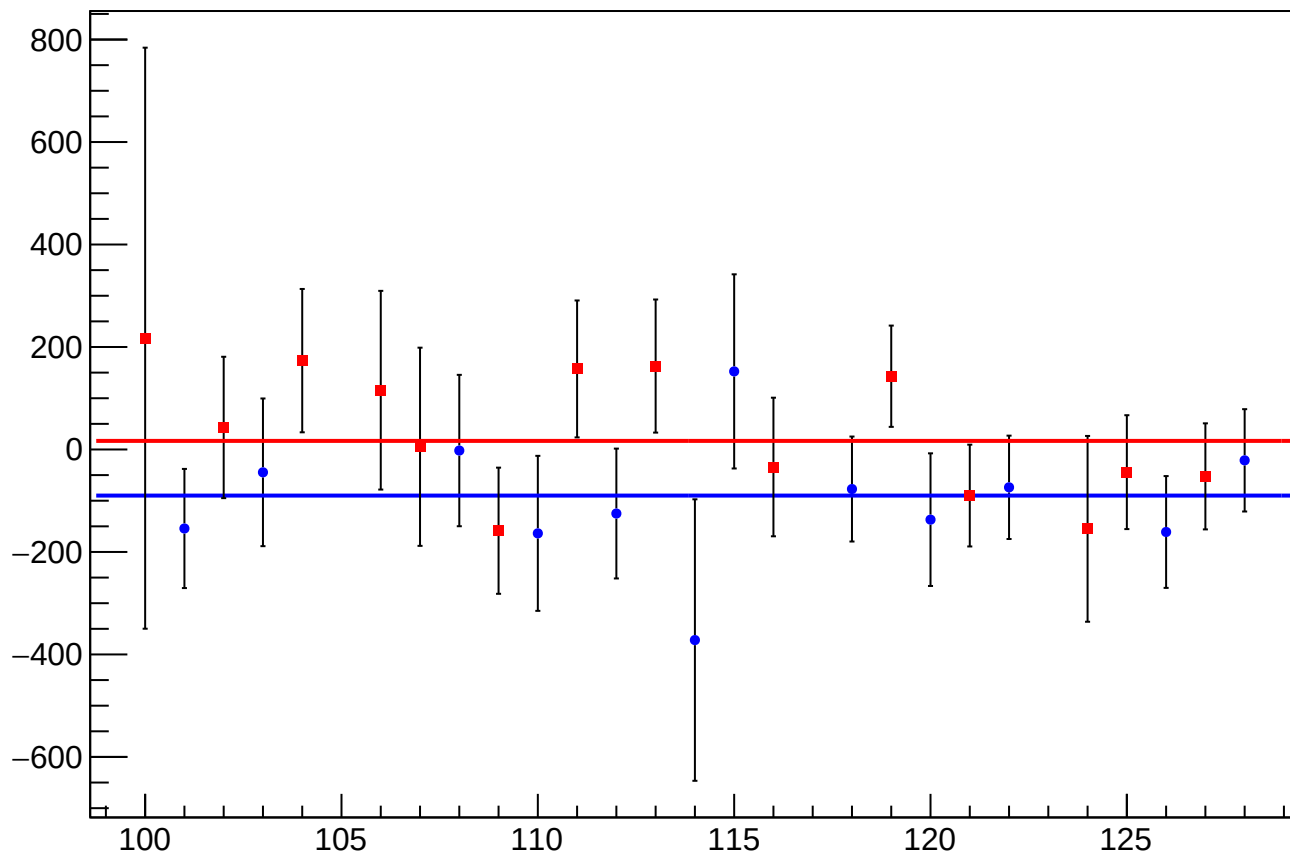
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 878.215+/-0.196 χ^2/NDF : 871078.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_26_dd_mean vs Slug



Right In: -89.967 ± 36.449 χ^2/NDF : 4.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 16.739 ± 35.255 χ^2/NDF : 10.6/13

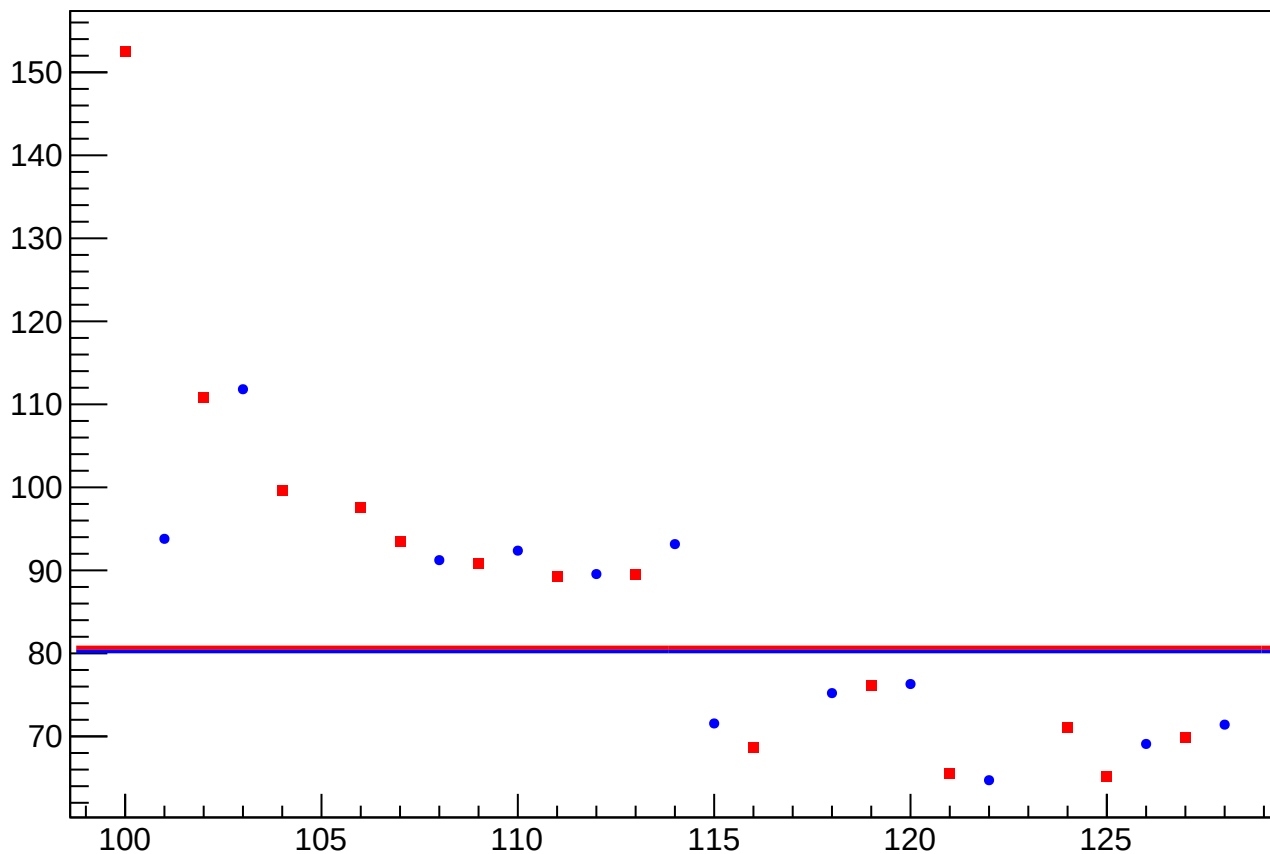
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.836 ± 25.341 χ^2/NDF : 19.9/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_26_dd_rms vs Slug



Right In: 80.249+/-0.026 χ^2/NDF : 257172.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.695+/-0.025 χ^2/NDF : 351856.1/13

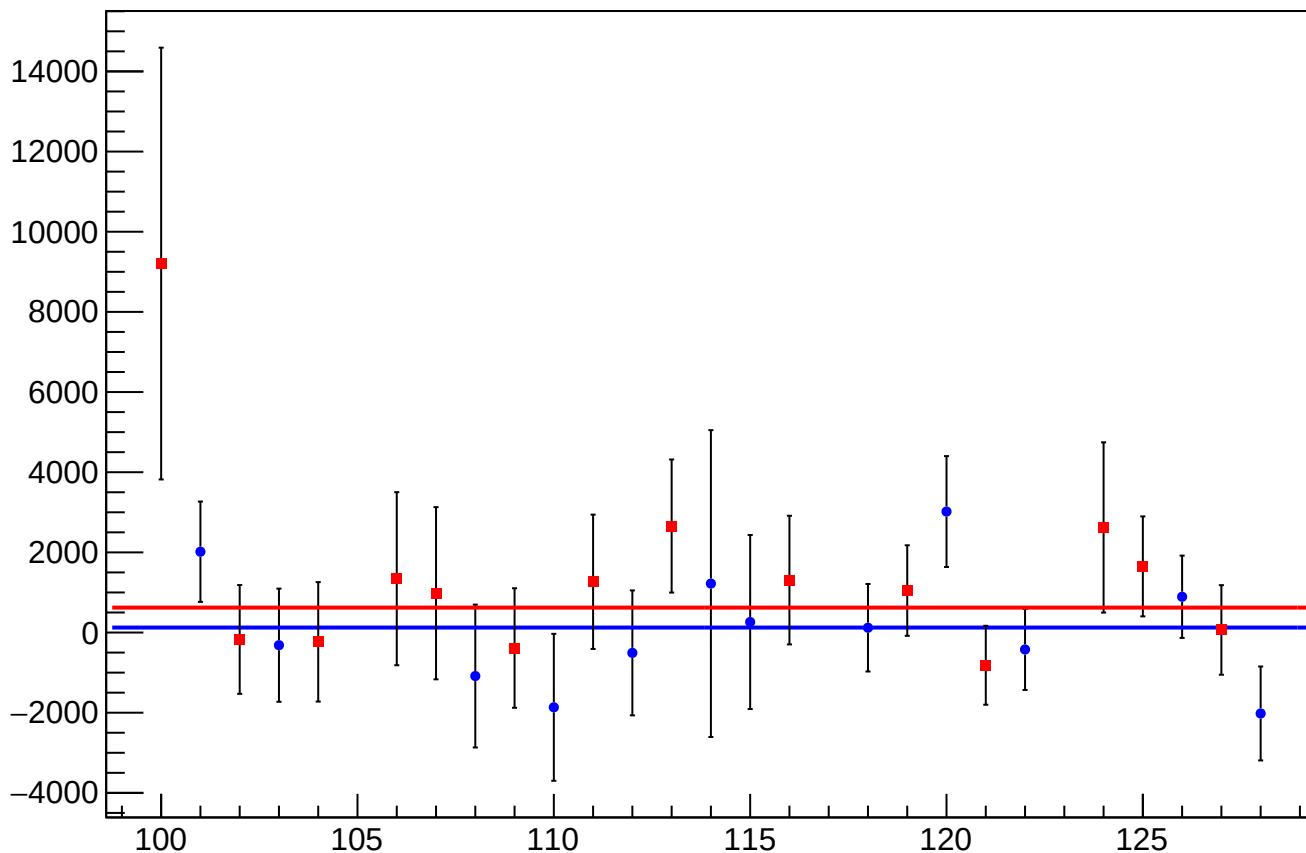
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.479+/-0.018 χ^2/NDF : 609183.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_eigen_cor_correction_mean vs Slug



Right In: 124.523+/-393.367 χ^2/NDF : 12.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 622.381+/-392.297 χ^2/NDF : 9.7/13

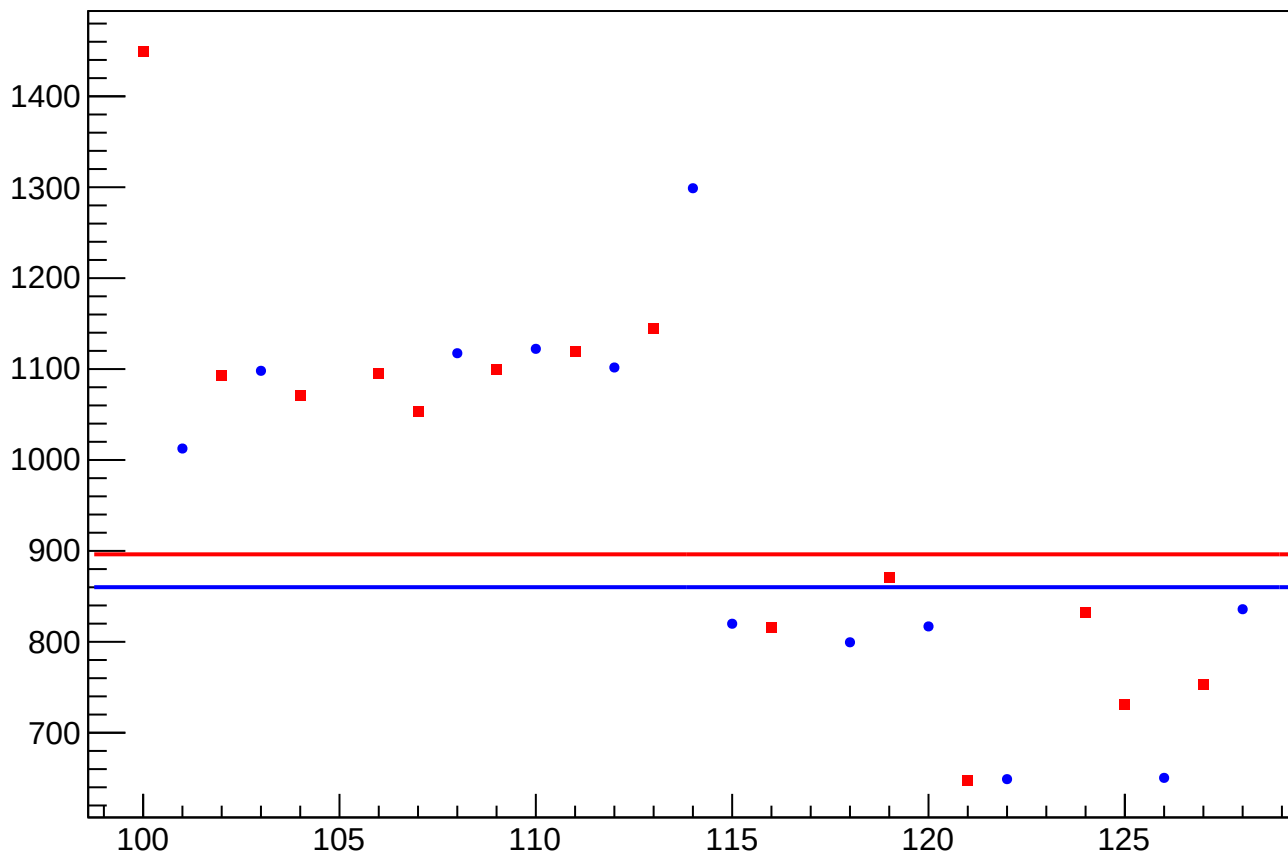
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 374.130+/-277.774 χ^2/NDF : 23.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_eigen_cor_correction_rms vs Slug



Right In: 860.100+/-0.278 χ^2/NDF : 423889.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 896.231+/-0.277 χ^2/NDF : 438730.4/13

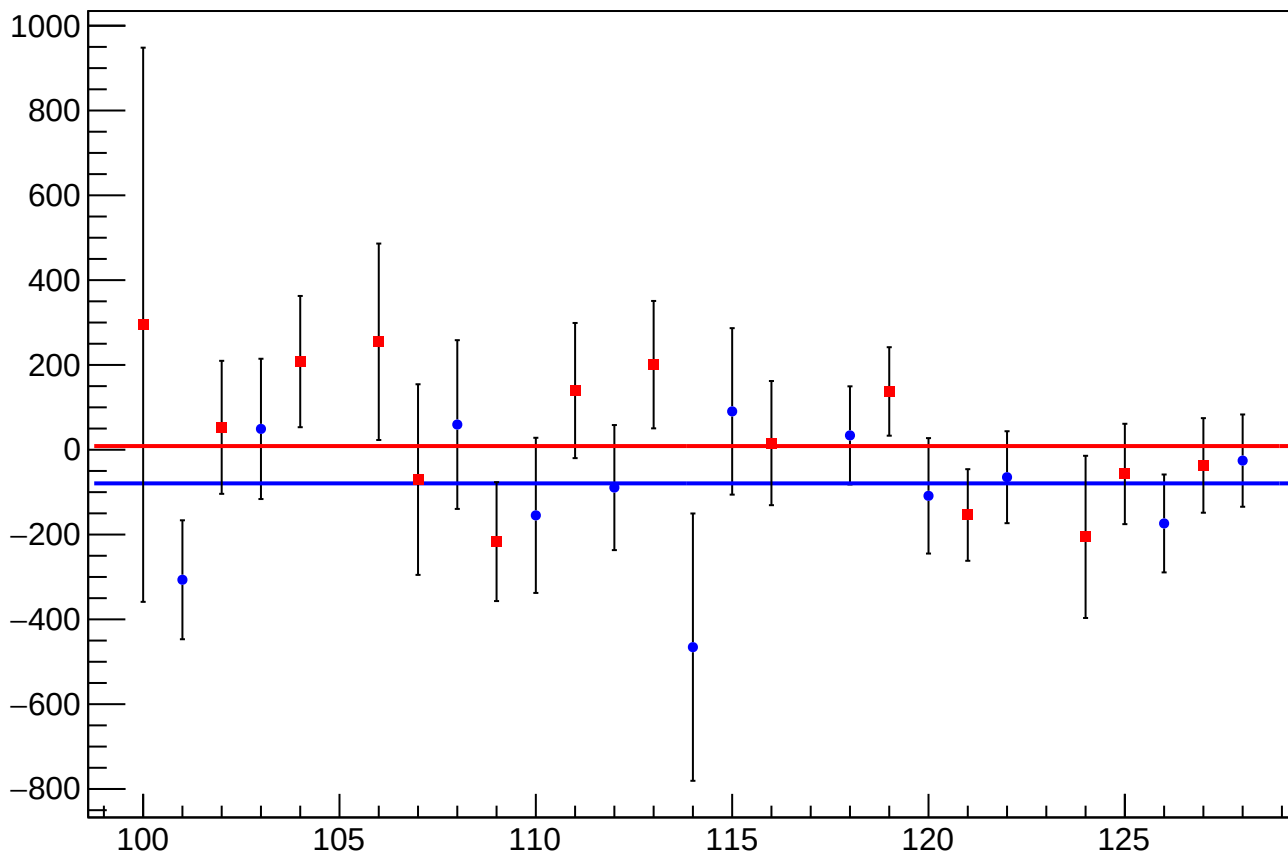
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 878.215+/-0.196 χ^2/NDF : 871078.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_mean vs Slug



Right In: -79.300 ± 40.902 χ^2/NDF : 8.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 8.694 ± 38.892 χ^2/NDF : 13.6/13

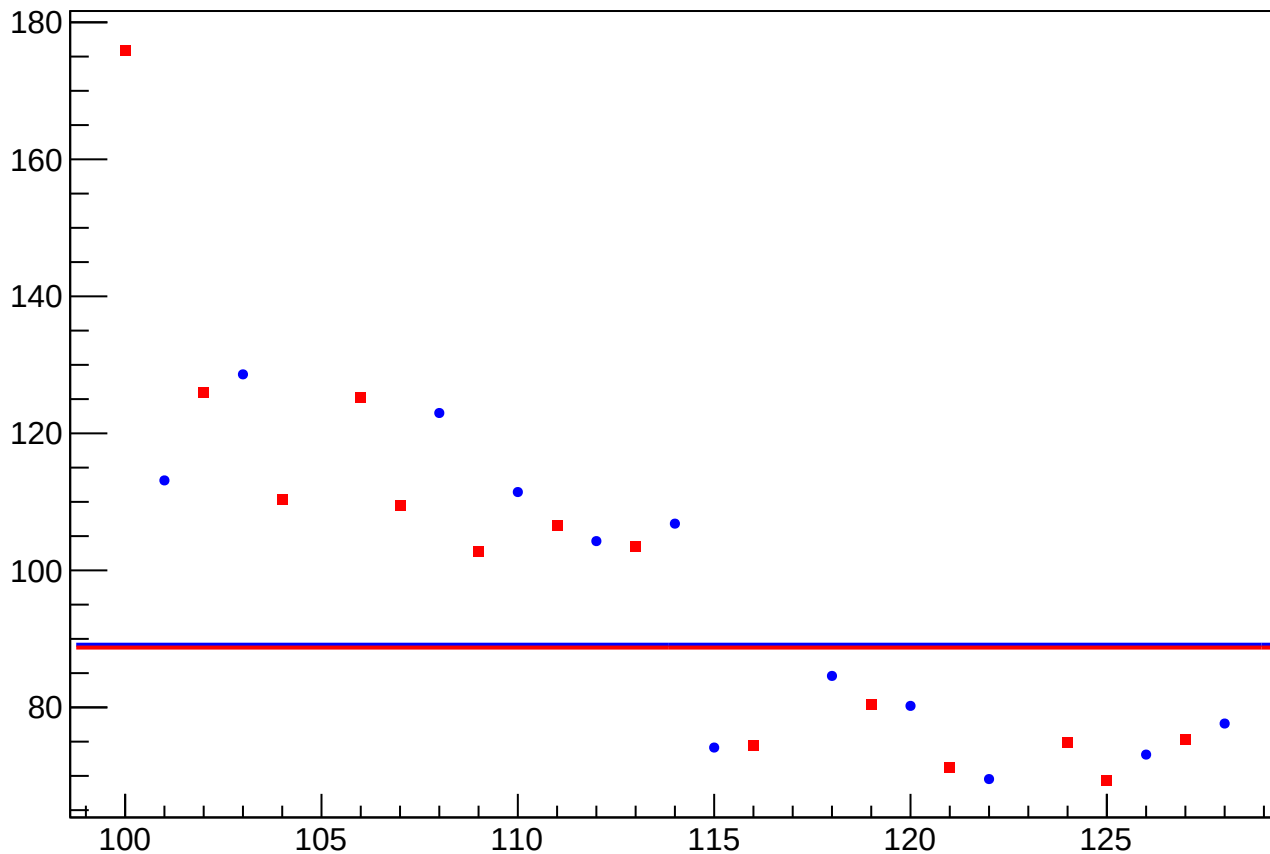
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -33.088 ± 28.185 χ^2/NDF : 24.1/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_rms vs Slug



Right In: 89.150+/-0.029 χ^2/NDF : 436926.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.732+/-0.028 χ^2/NDF : 495618.6/13

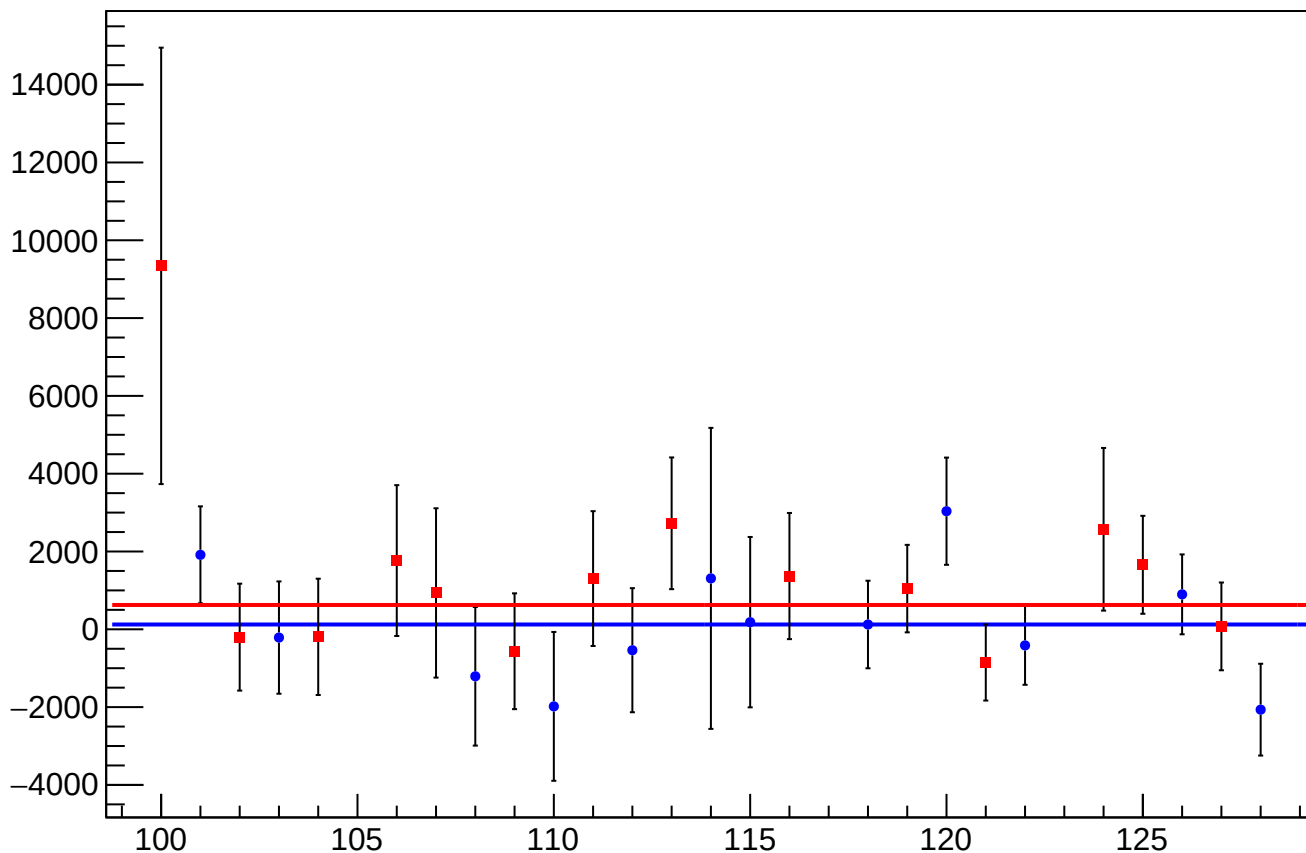
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.931+/-0.020 χ^2/NDF : 932654.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_dit_correction_mean vs Slug



Right In: 123.850 $\pm$ 397.182 χ^2 /NDF: 12.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 625.415 $\pm$ 392.844 χ^2 /NDF: 10.2/13

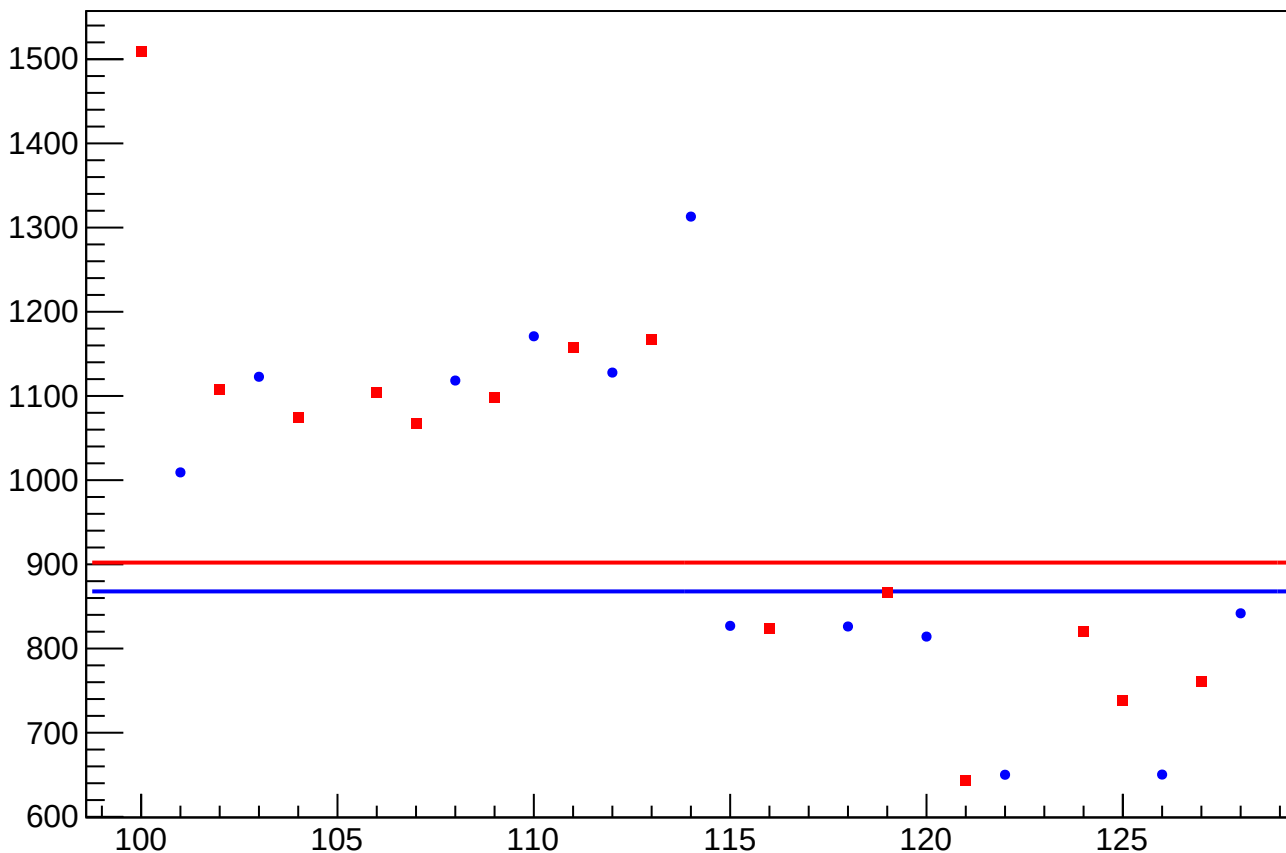
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 377.386 $\pm$ 279.304 χ^2 /NDF: 23.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_dit_correction_rms vs Slug



Right In: 867.846+/-0.281 χ^2/NDF : 447210.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 902.088+/-0.278 χ^2/NDF : 469743.6/13

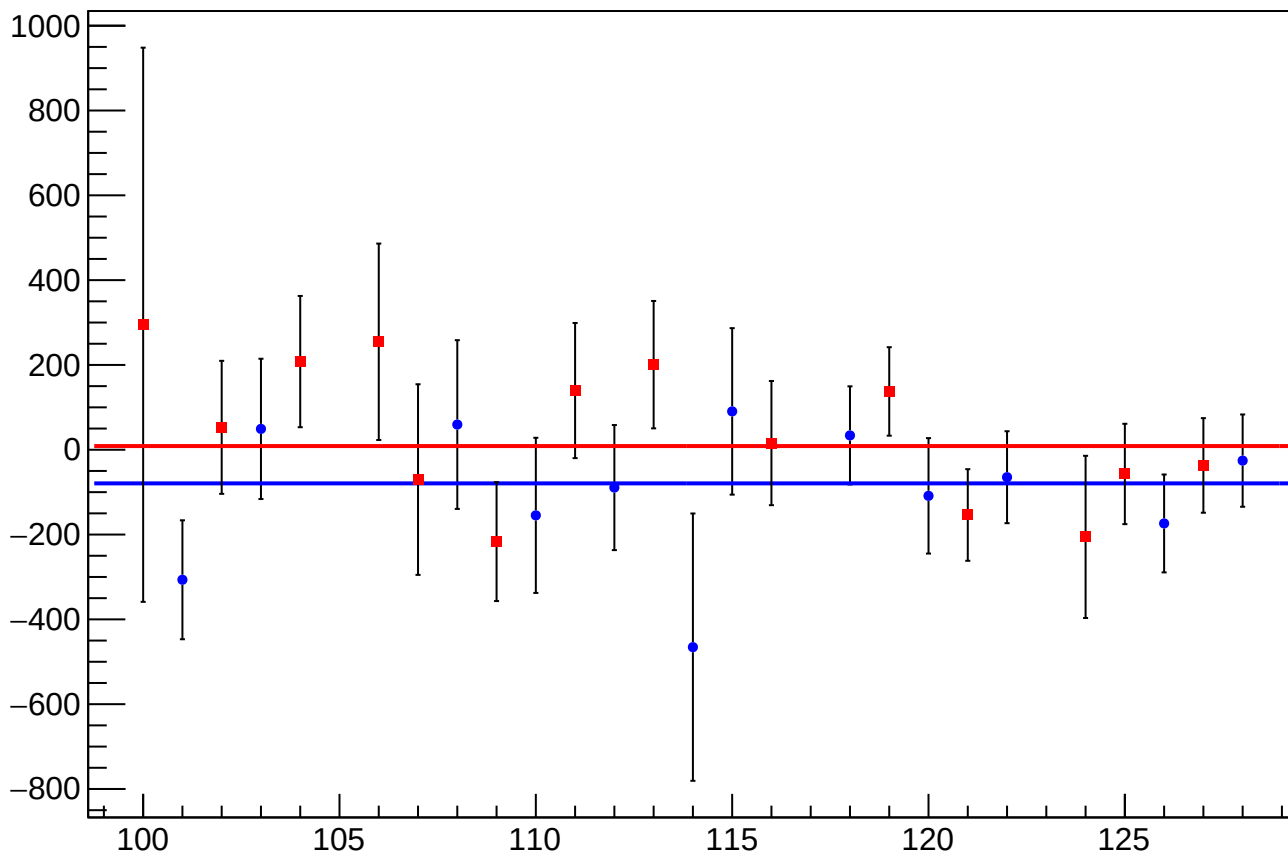
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 885.155+/-0.197 χ^2/NDF : 924467.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_26_dd_mean vs Slug



Right In: -79.300+/-40.902 χ^2/NDF : 8.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.693+/-38.892 χ^2/NDF : 13.6/13

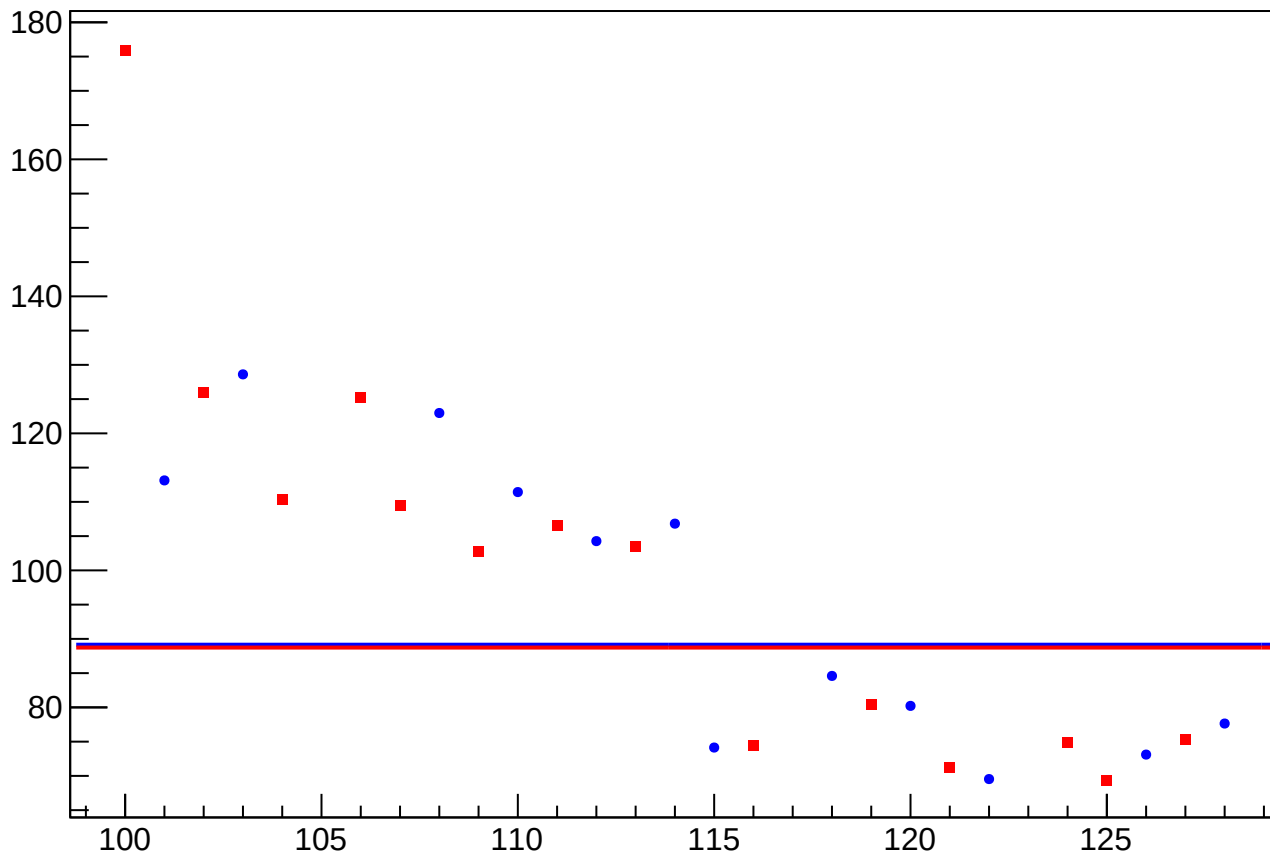
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.088+/-28.185 χ^2/NDF : 24.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_26_dd_rms vs Slug



Right In: 89.150 $\pm$ 0.029 χ^2 /NDF: 436913.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 88.732 $\pm$ 0.028 χ^2 /NDF: 495601.0/13

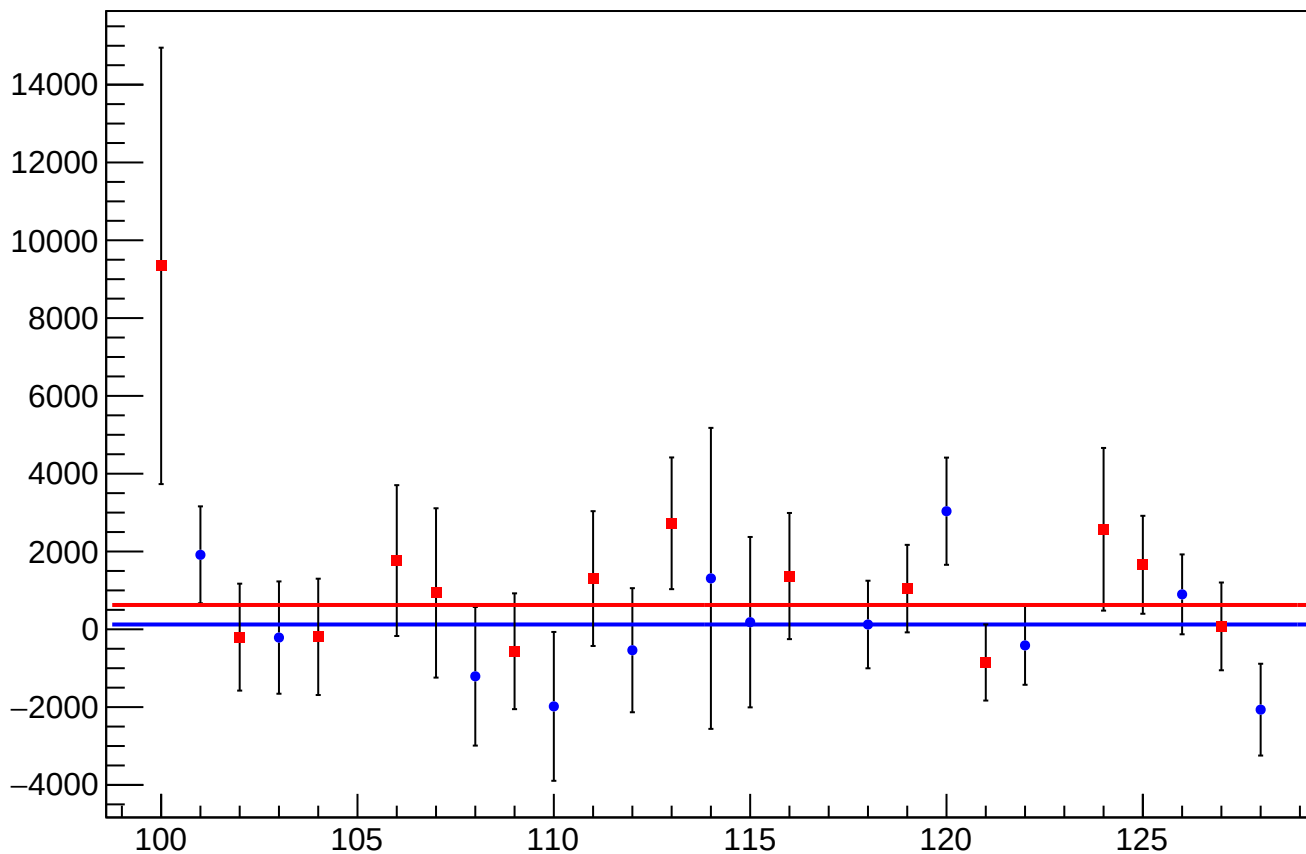
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 88.930 $\pm$ 0.020 χ^2 /NDF: 932623.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_dit_correction_mean vs Slug



Right In: 123.848 $\pm$ 397.181 χ^2 /NDF: 12.9/11

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 625.414 $\pm$ -392.844 χ^2 /NDF: 10.2/13

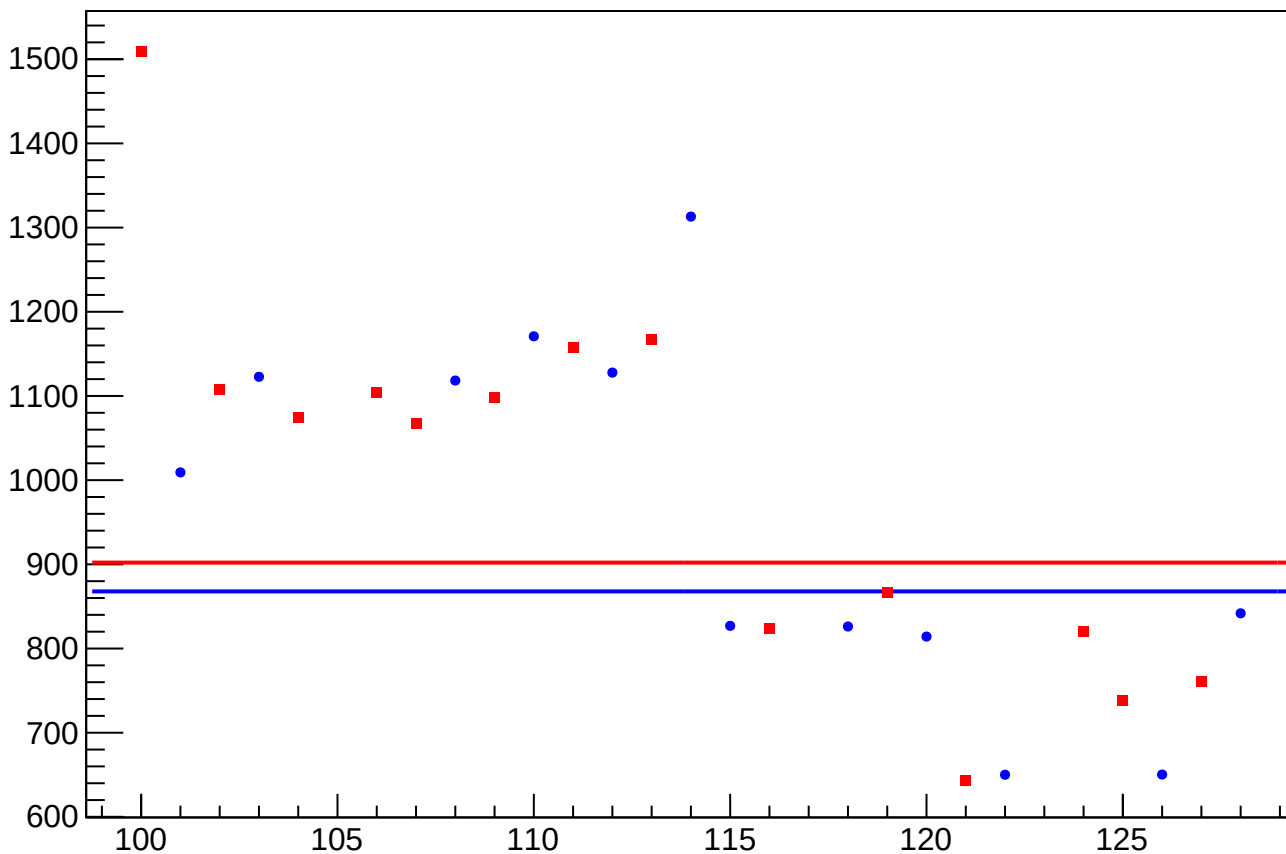
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: 377.385 $\pm$ -279.303 χ^2 /NDF: 23.9/25

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_dit_correction_rms vs Slug



Right In: 867.844 $\pm$ 0.281 χ^2 /NDF: 447202.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

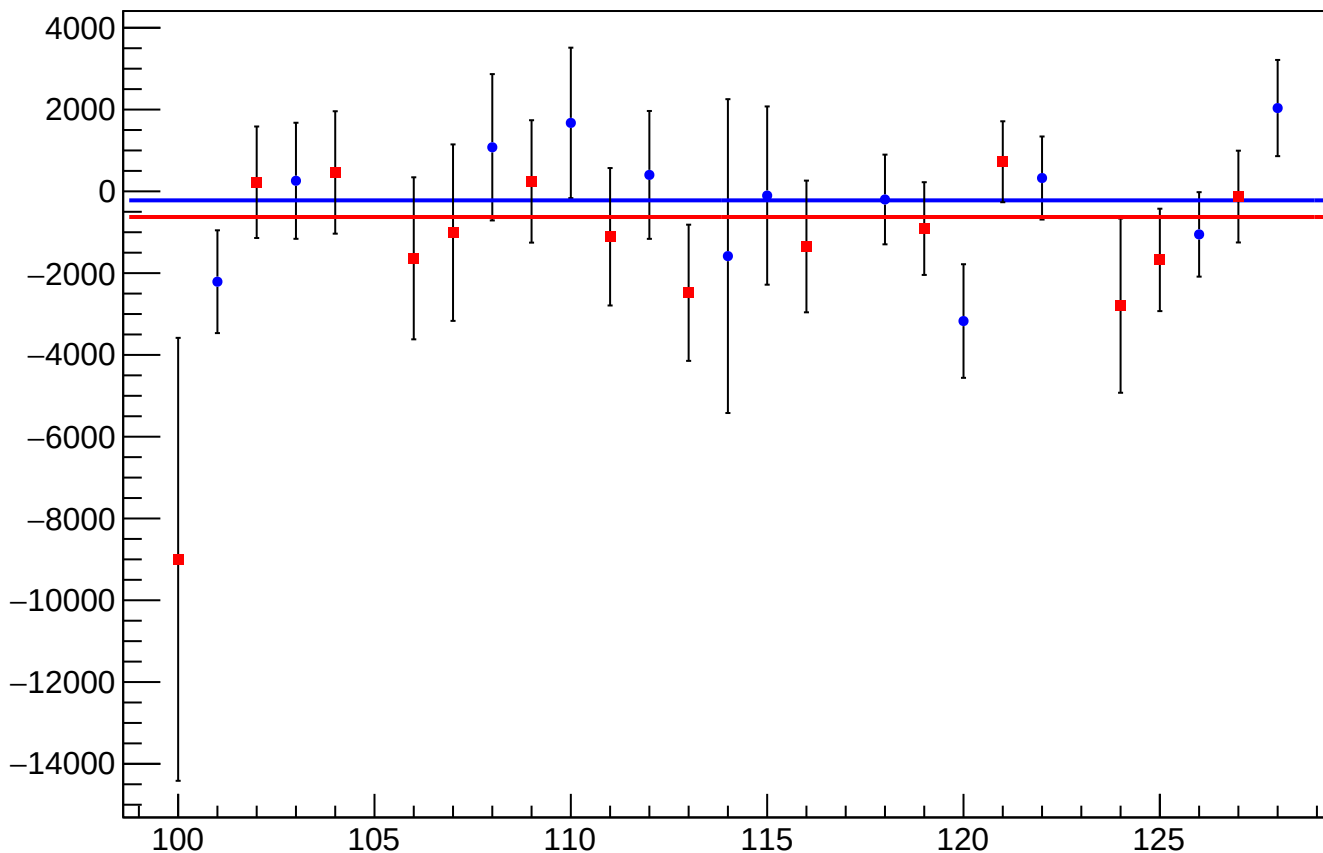
Right Out: 902.086 $\pm$ 0.278 χ^2 /NDF: 469737.5/13

All: 885.153 $\pm$ 0.197 χ^2 /NDF: 924454.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_mean vs Slug



Right In: -220.330+/-395.173 χ^2 /NDF: 13.6/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -627.359+/-392.676 χ^2 /NDF: 9.3/13

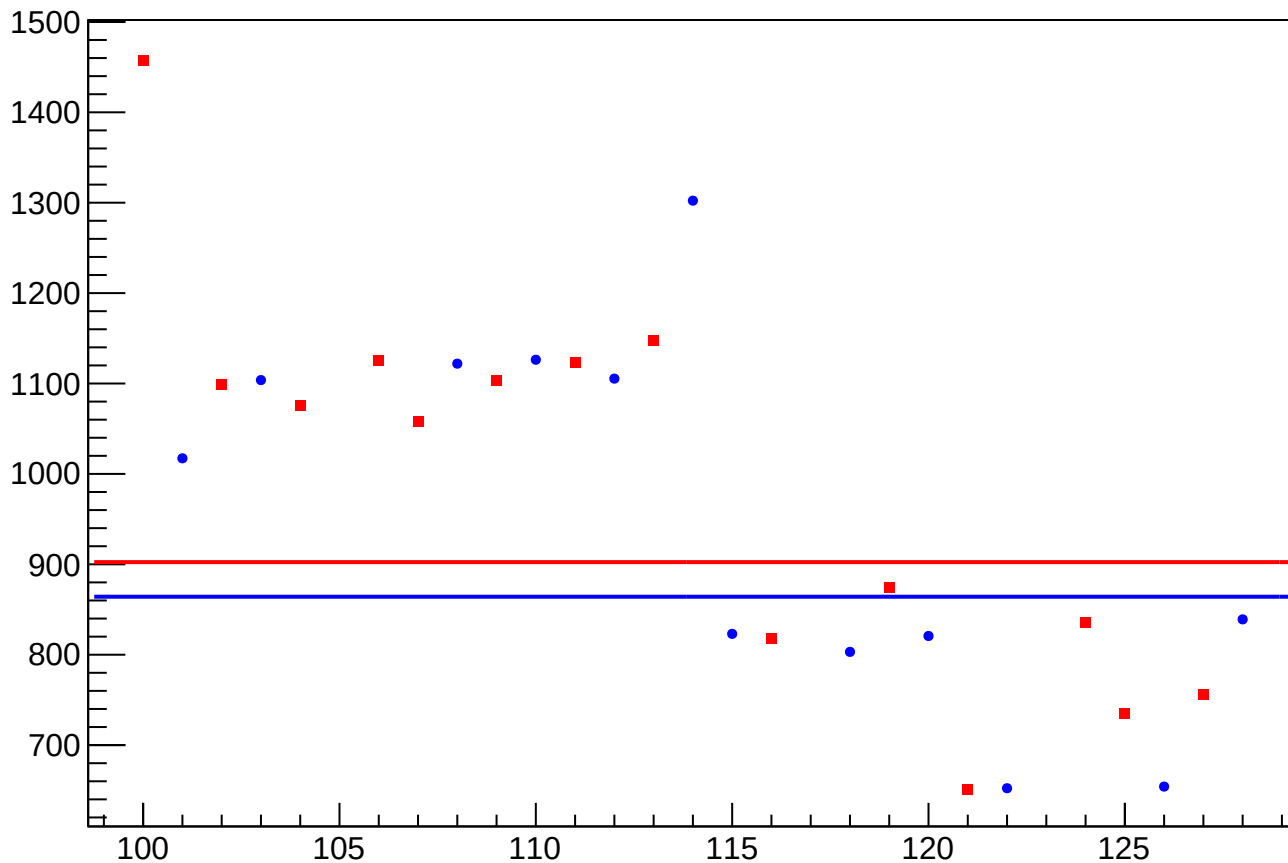
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -425.135+/-278.542 χ^2 /NDF: 23.5/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_rms vs Slug



Right In: 864.159+/-0.279 χ^2/NDF : 421964.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 902.427+/-0.278 χ^2/NDF : 446394.4/13

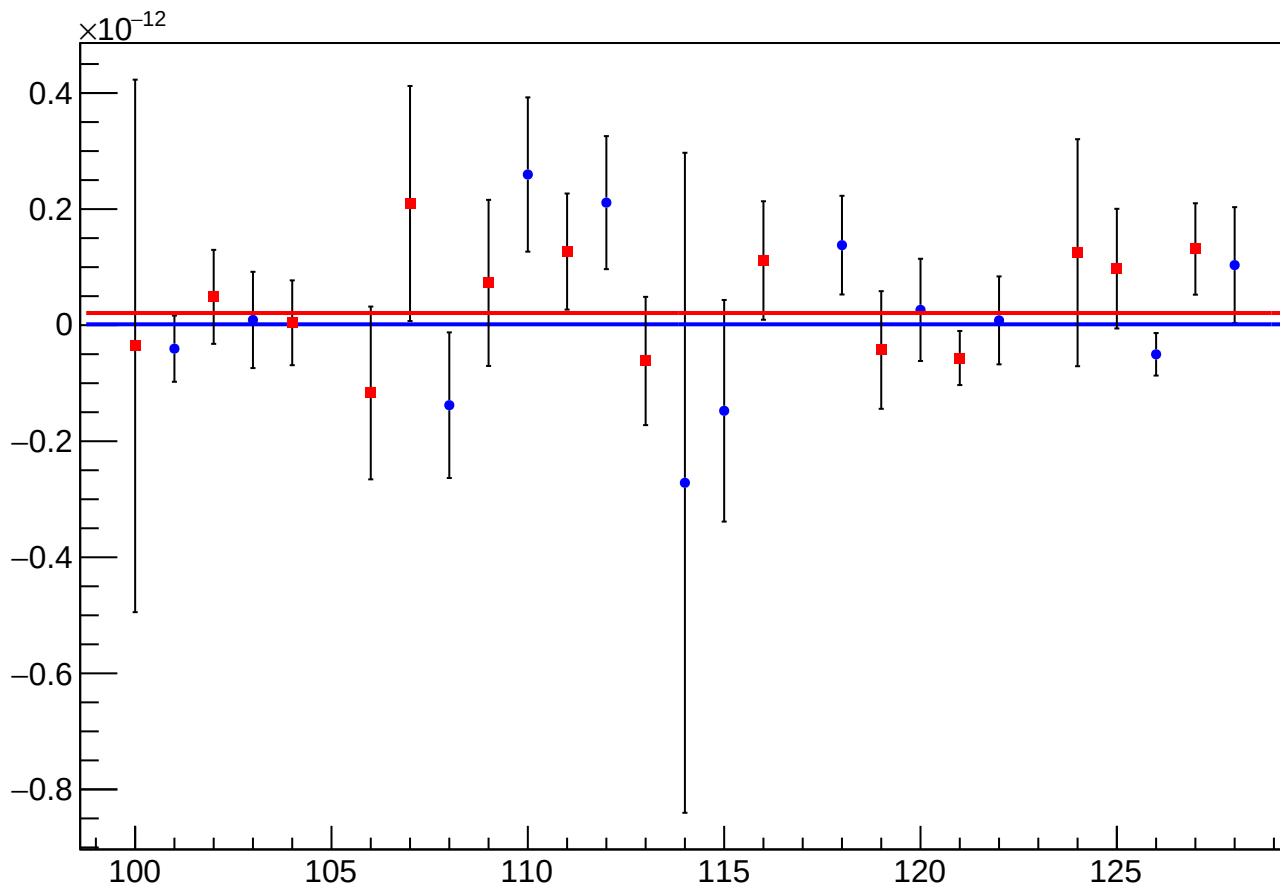
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 883.414+/-0.197 χ^2/NDF : 877795.7/25

- 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+/-0.000 χ^2/NDF : 15.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.5/13

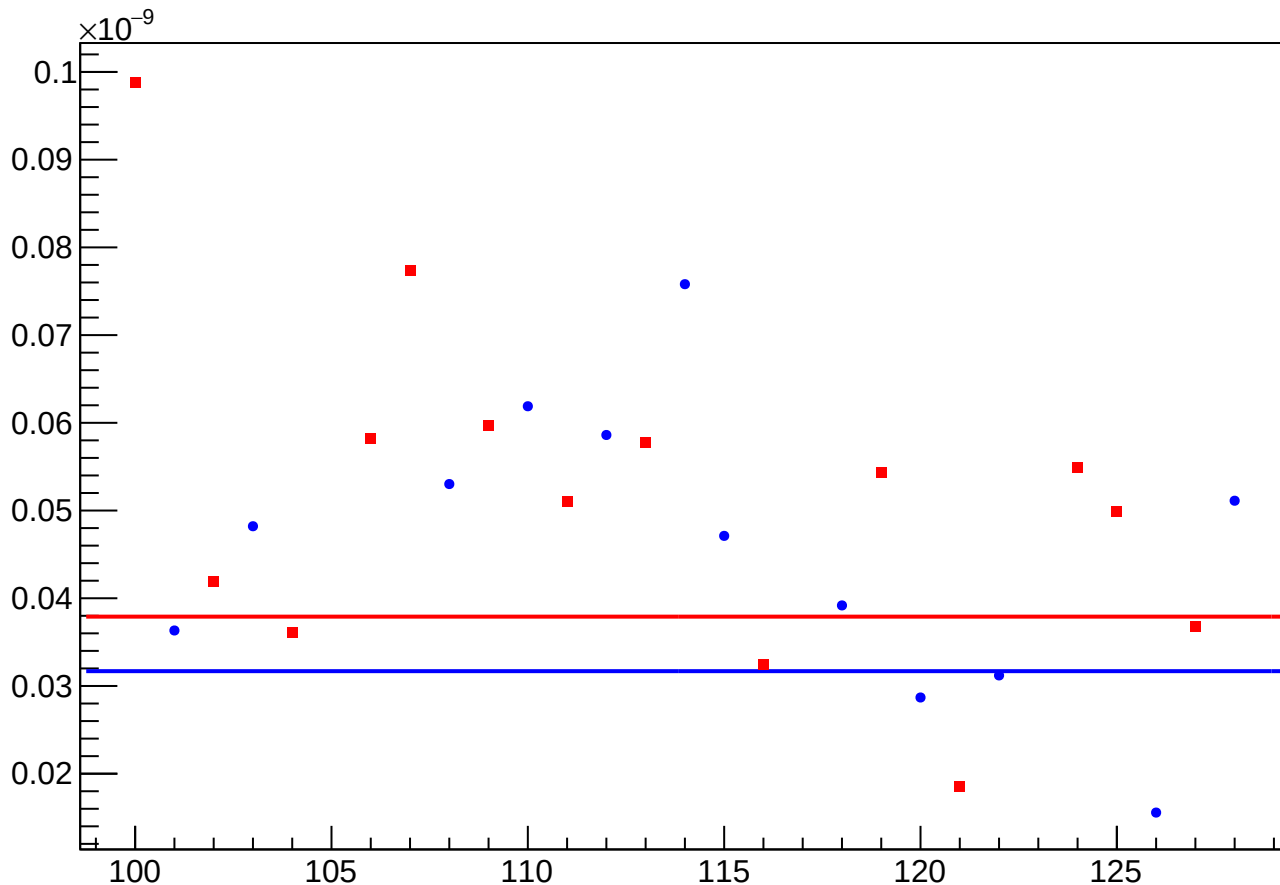
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 869886.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 745709.5/13

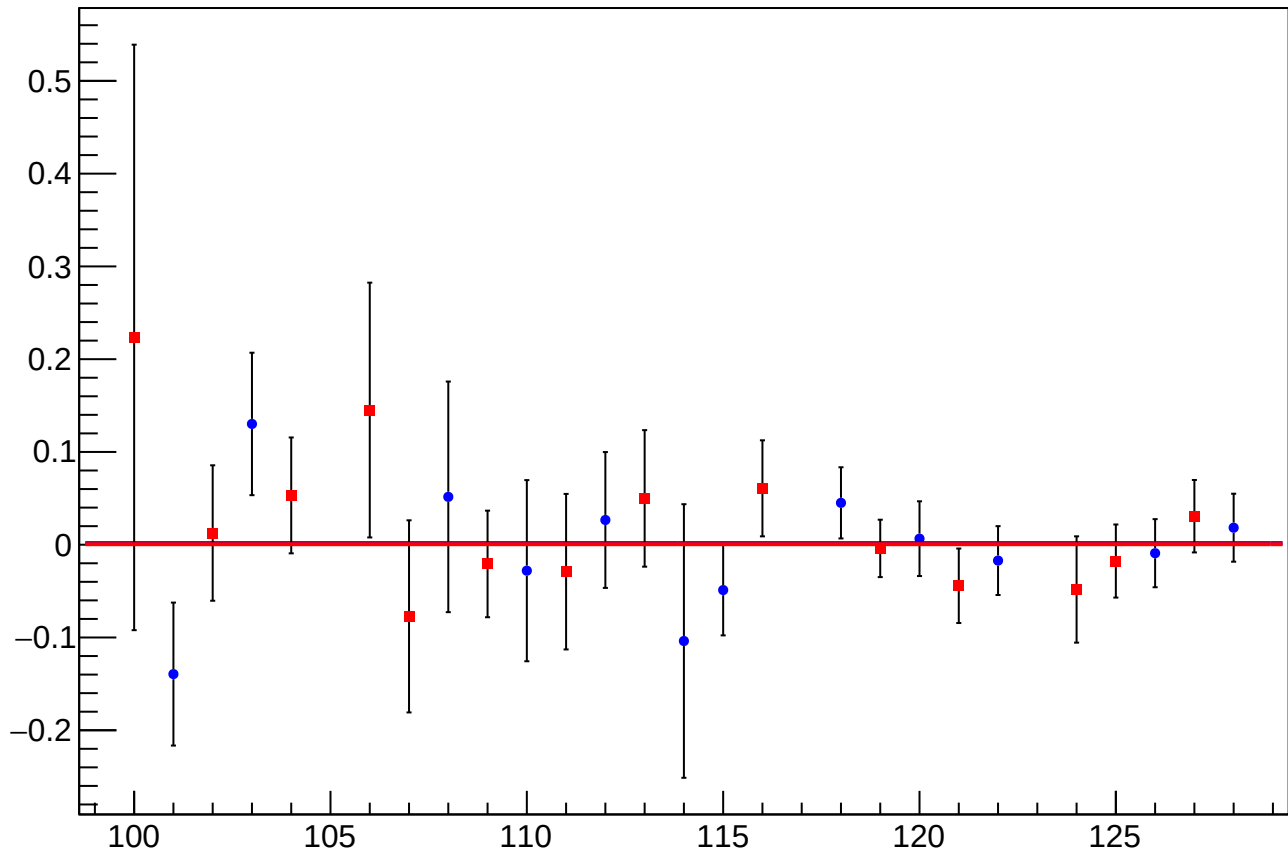
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1683258.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.015 χ^2 /NDF: 10.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.014 χ^2 /NDF: 7.8/13

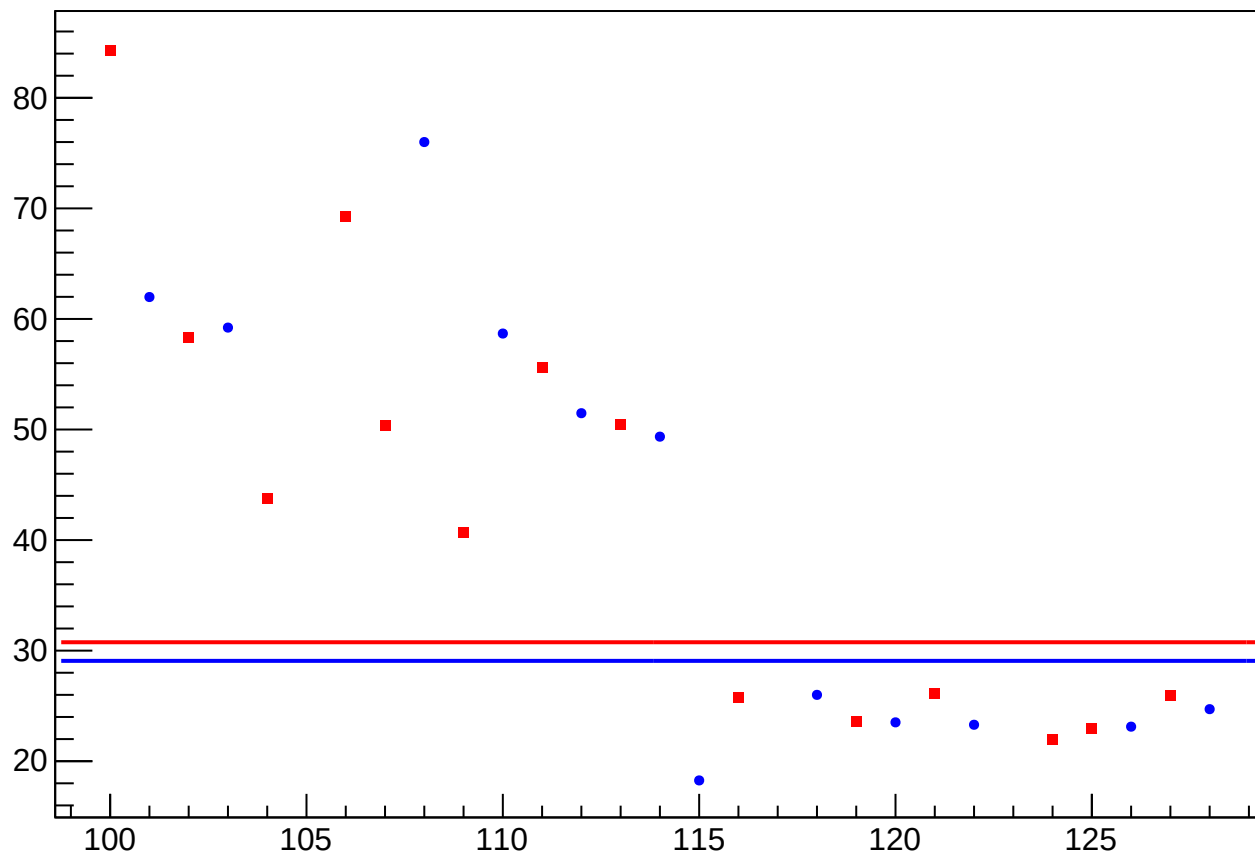
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.010 χ^2 /NDF: 17.7/25

- 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: 29.075+/-0.010 χ^2 /NDF: 1645393.9/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 30.759+/-0.010 χ^2 /NDF: 1344259.4/13

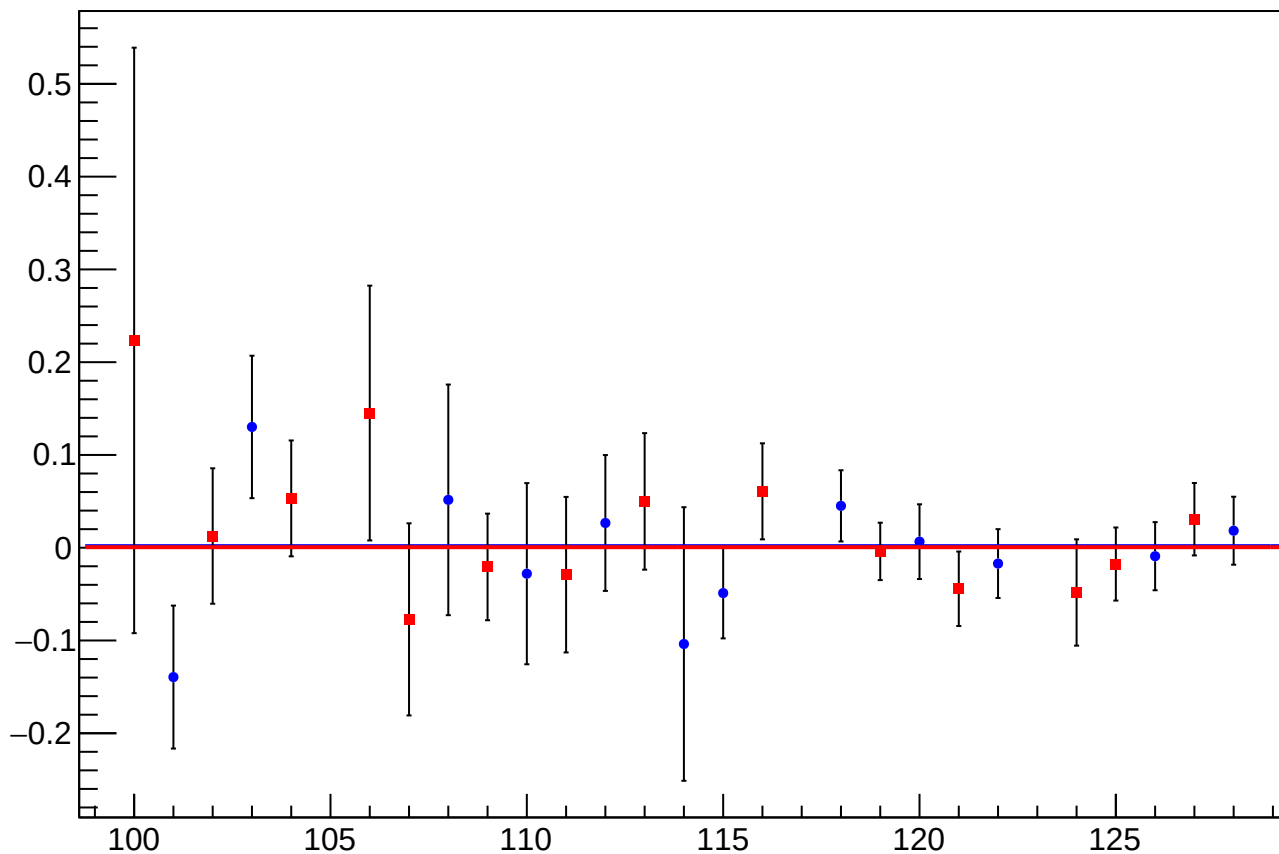
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 29.935+/-0.007 χ^2 /NDF: 3003177.1/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.015 χ^2 /NDF: 10.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.014 χ^2 /NDF: 7.8/13

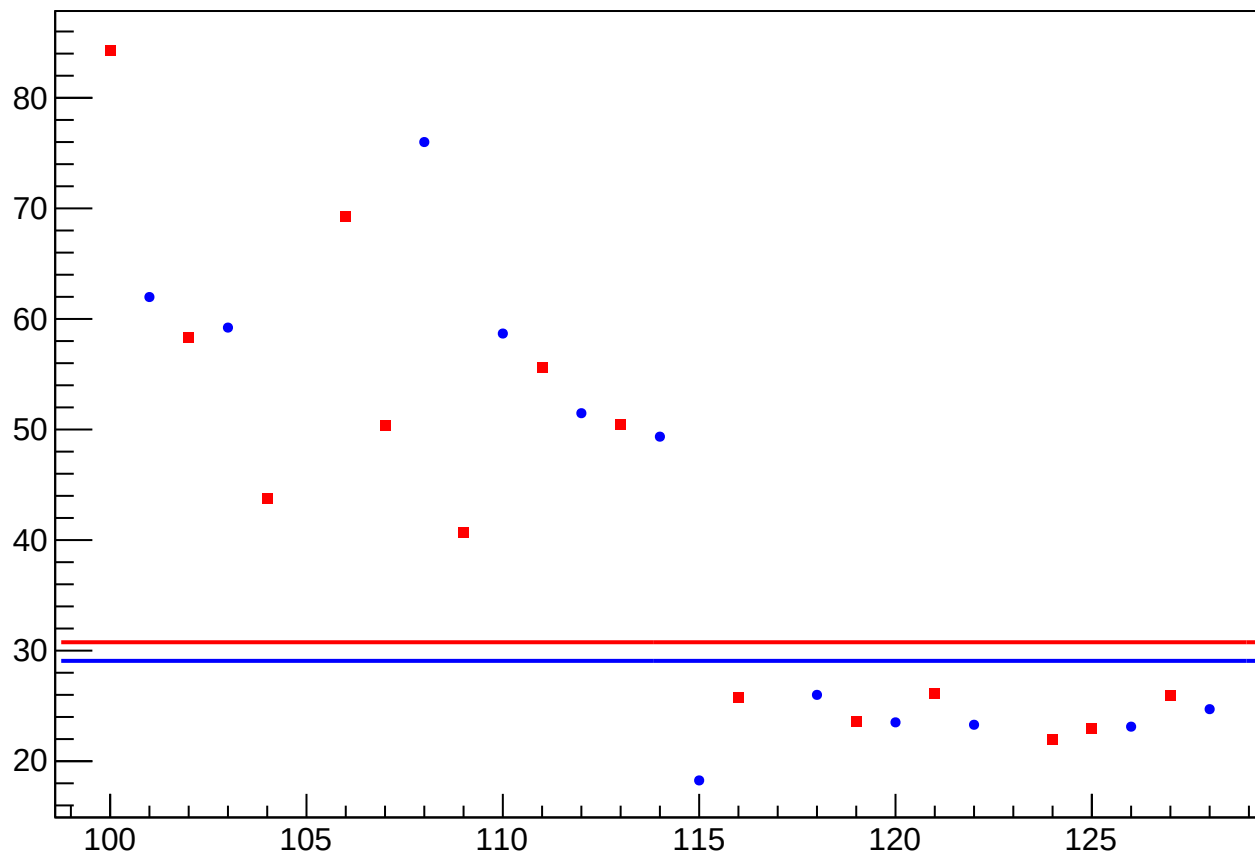
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.010 χ^2 /NDF: 17.7/25

- 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: 29.075+/-0.010 χ^2/NDF : 1645393.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.759+/-0.010 χ^2/NDF : 1344259.4/13

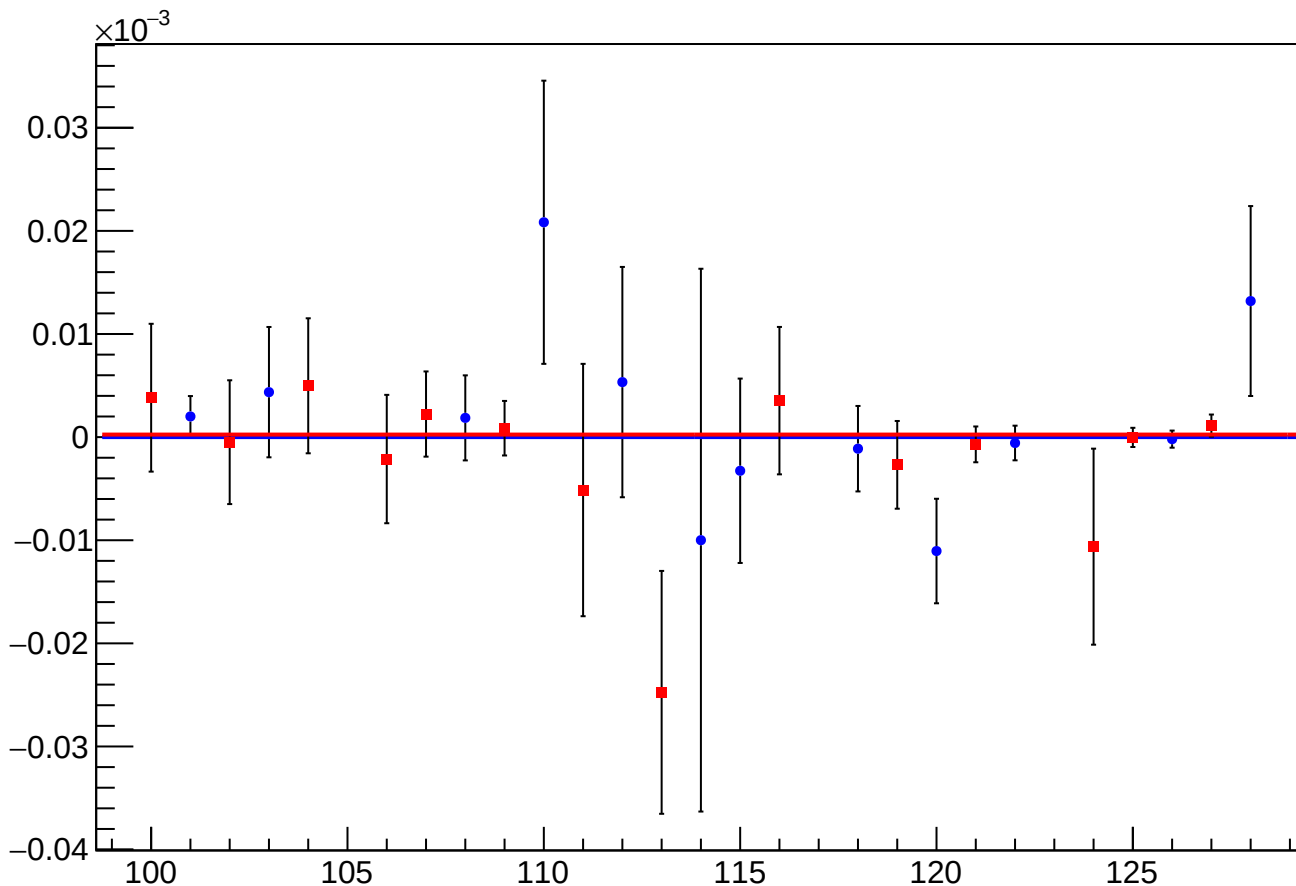
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.935+/-0.007 χ^2/NDF : 3003177.1/25

- 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: 11.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.0/13

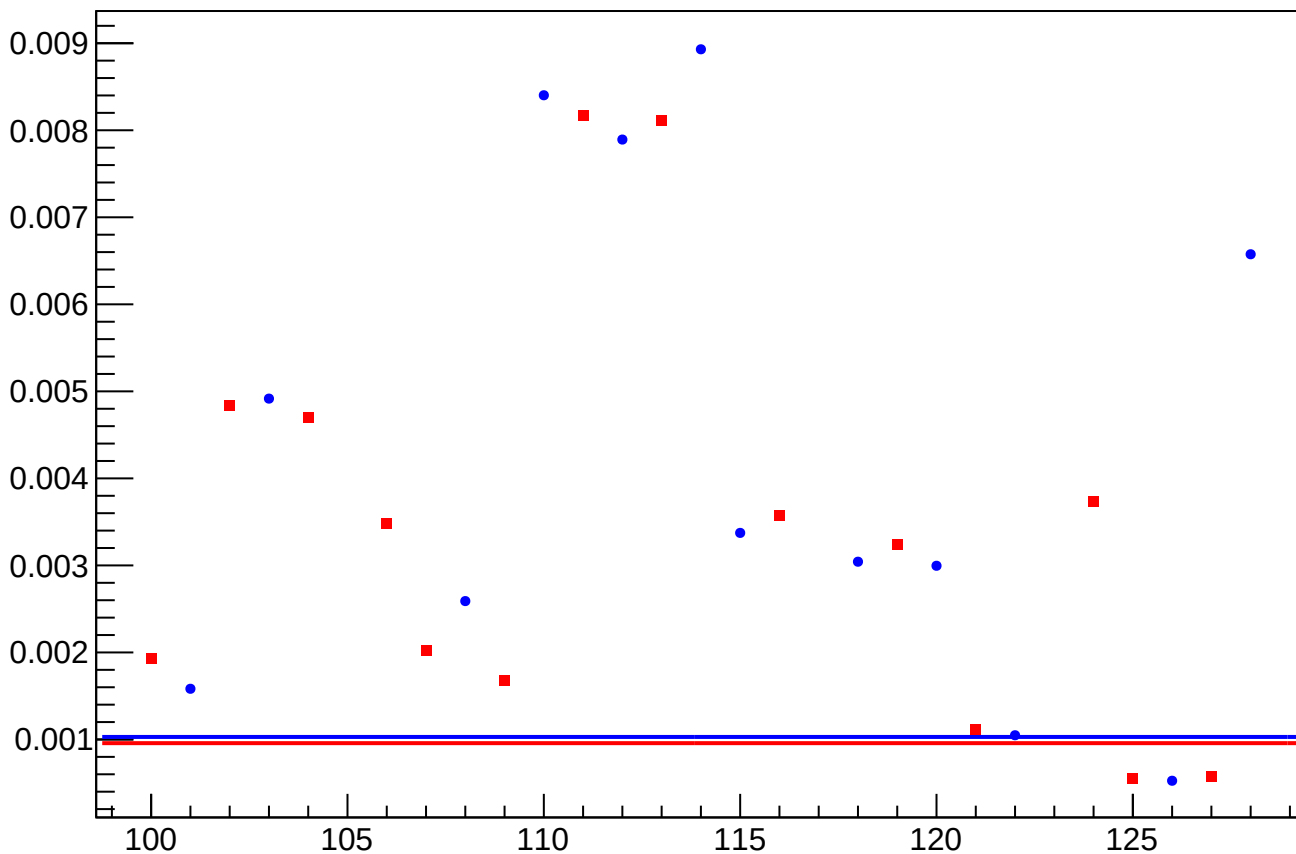
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 20.6/25

- 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 : 5085171.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 5238525.1/13

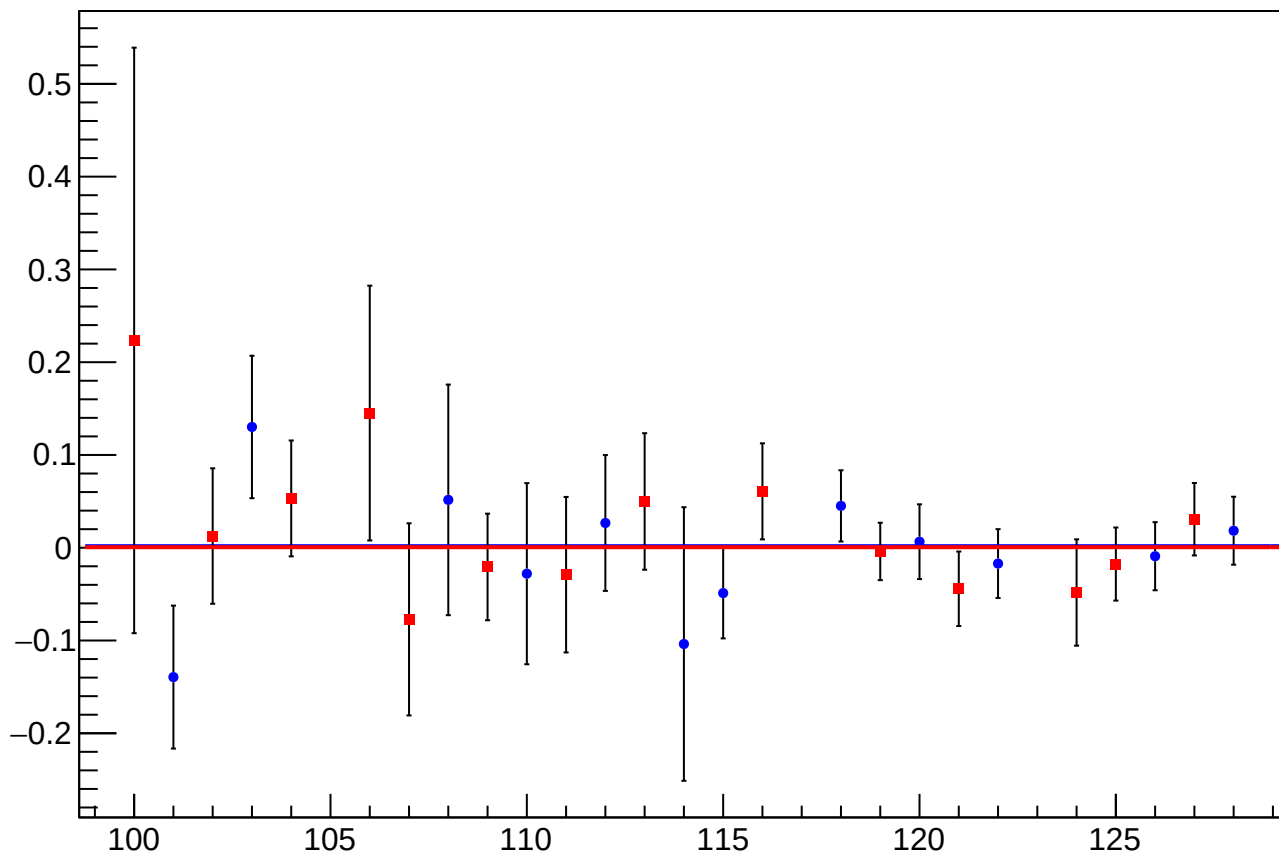
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 10336437.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.015 χ^2 /NDF: 10.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.014 χ^2 /NDF: 7.8/13

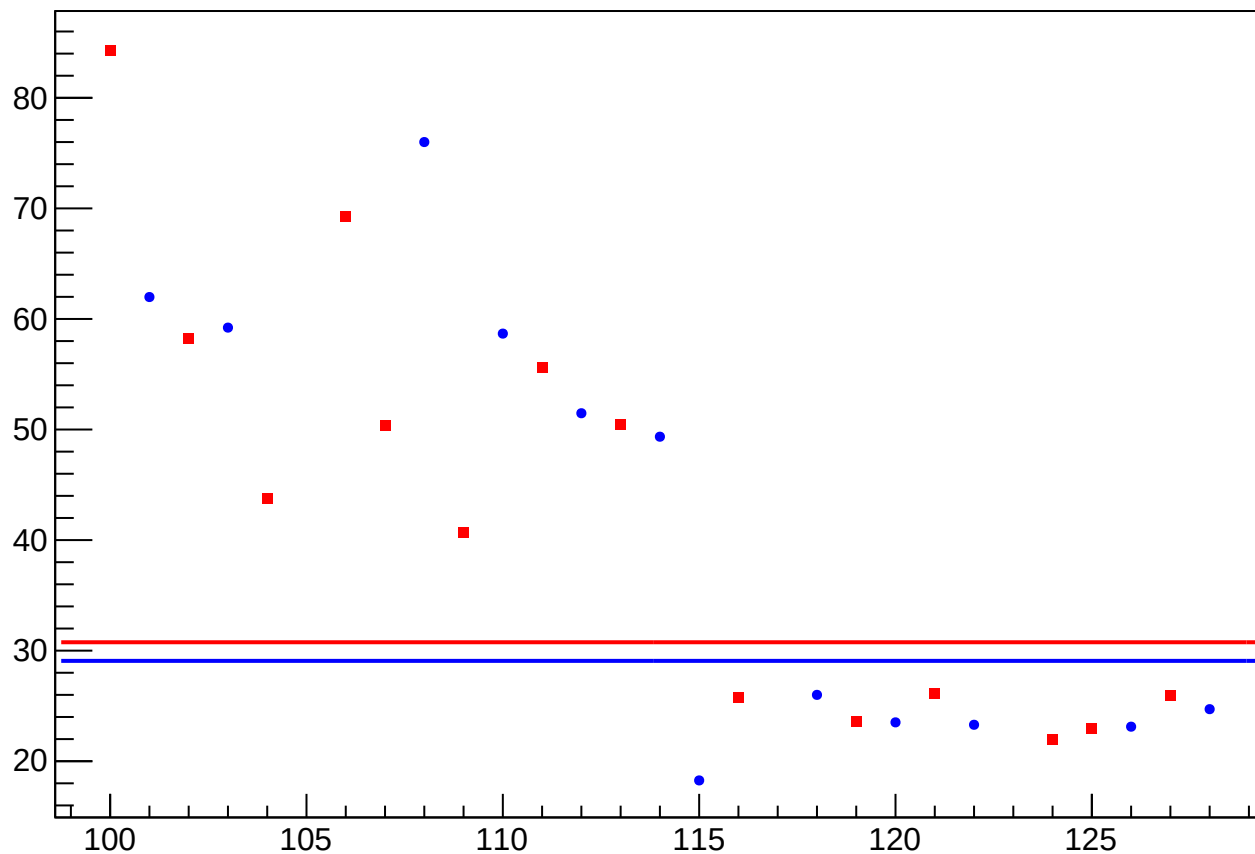
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.010 χ^2 /NDF: 17.7/25

- 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: 29.075+/-0.010 χ^2/NDF : 1645253.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.759+/-0.010 χ^2/NDF : 1344133.1/13

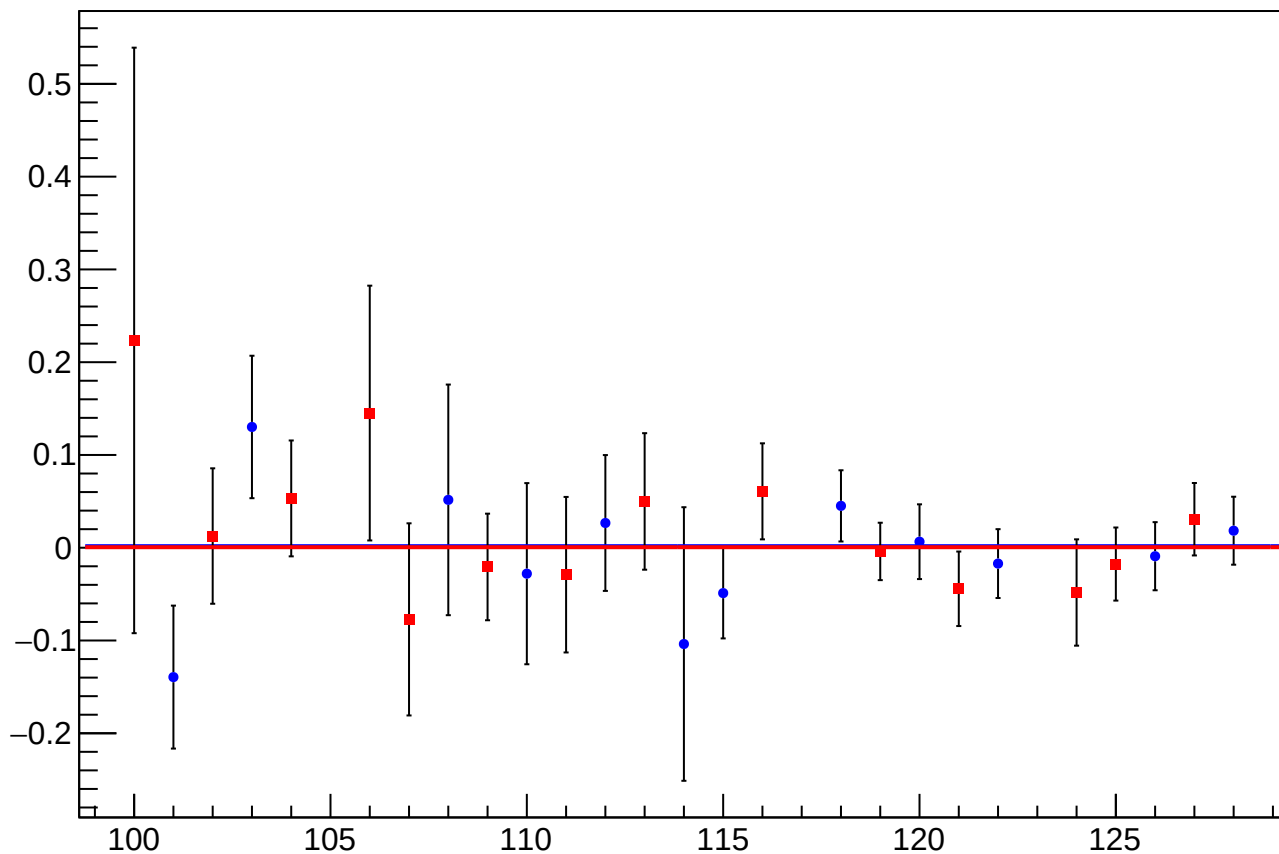
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.935+/-0.007 χ^2/NDF : 3002904.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.015 χ^2 /NDF: 10.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.014 χ^2 /NDF: 7.8/13

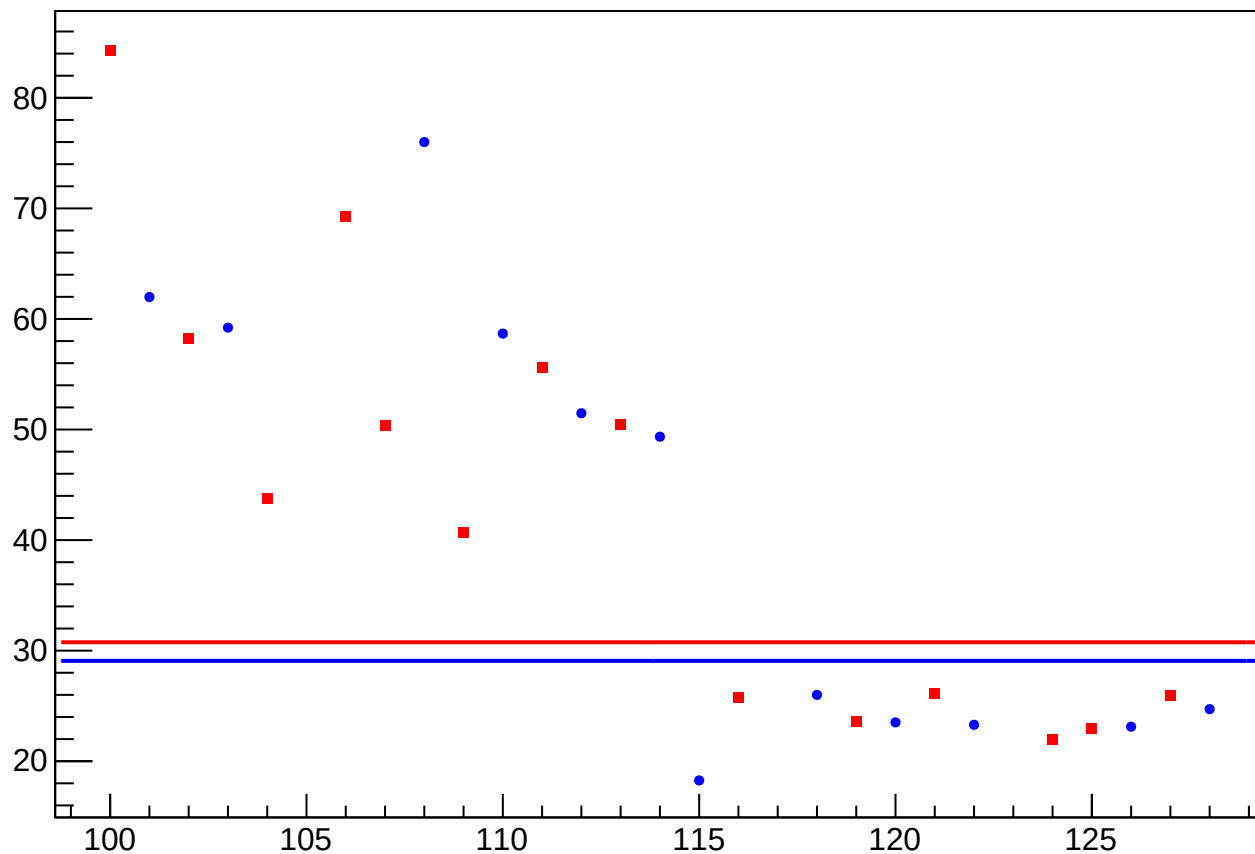
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.010 χ^2 /NDF: 17.7/25

- 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: 29.075+/-0.010 χ^2/NDF : 1645253.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.759+/-0.010 χ^2/NDF : 1344133.1/13

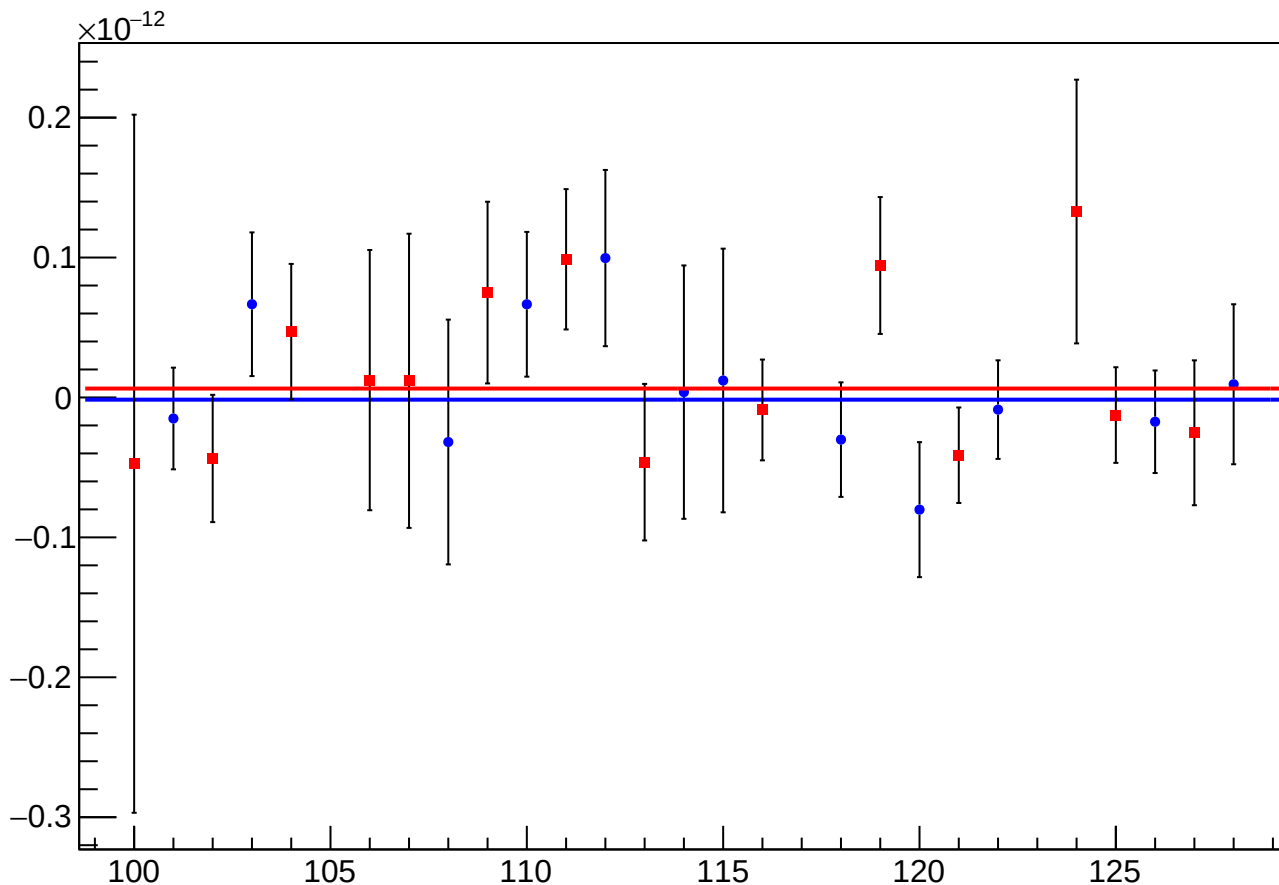
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.935+/-0.007 χ^2/NDF : 3002904.8/25

- 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: 9.8/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 15.2/13

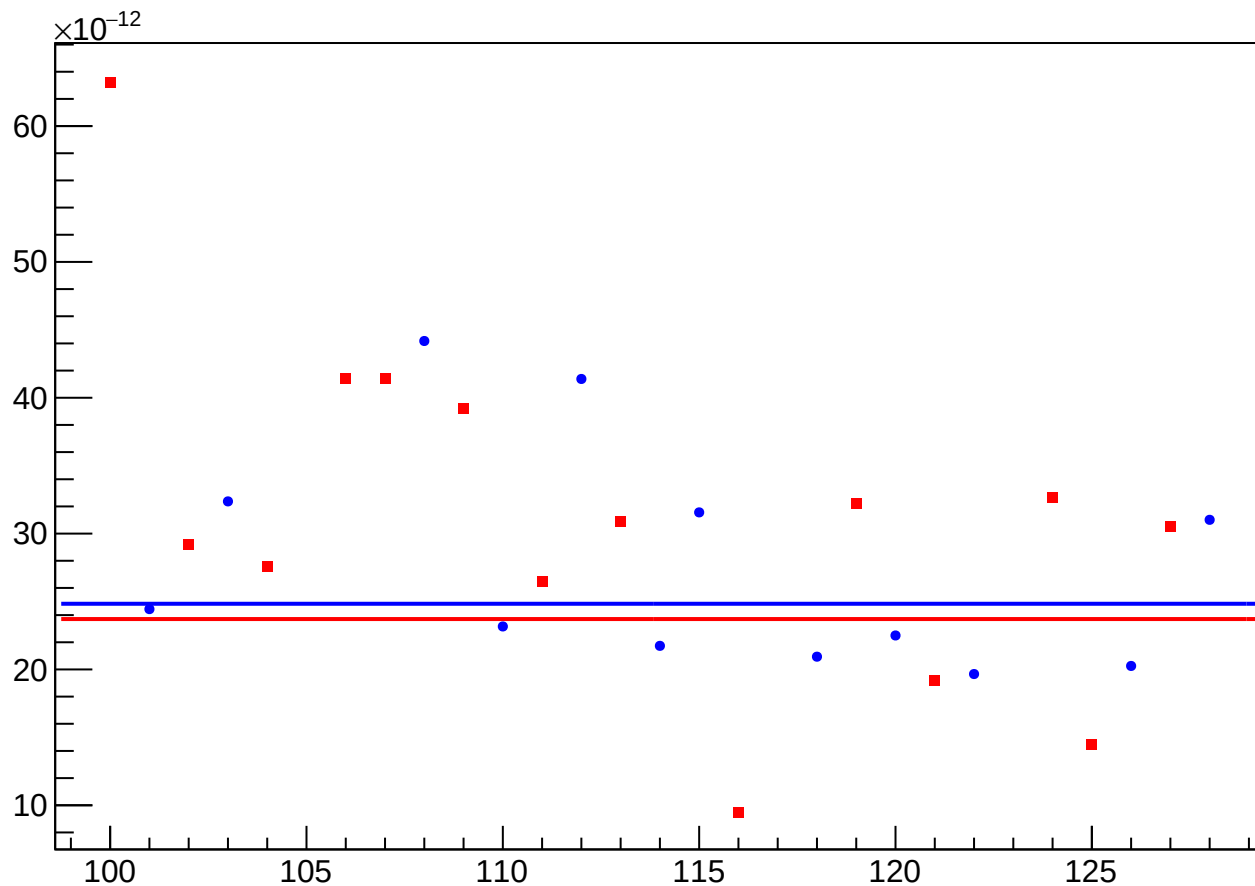
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 25.1/25

- 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: 414319.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 983114.3/13

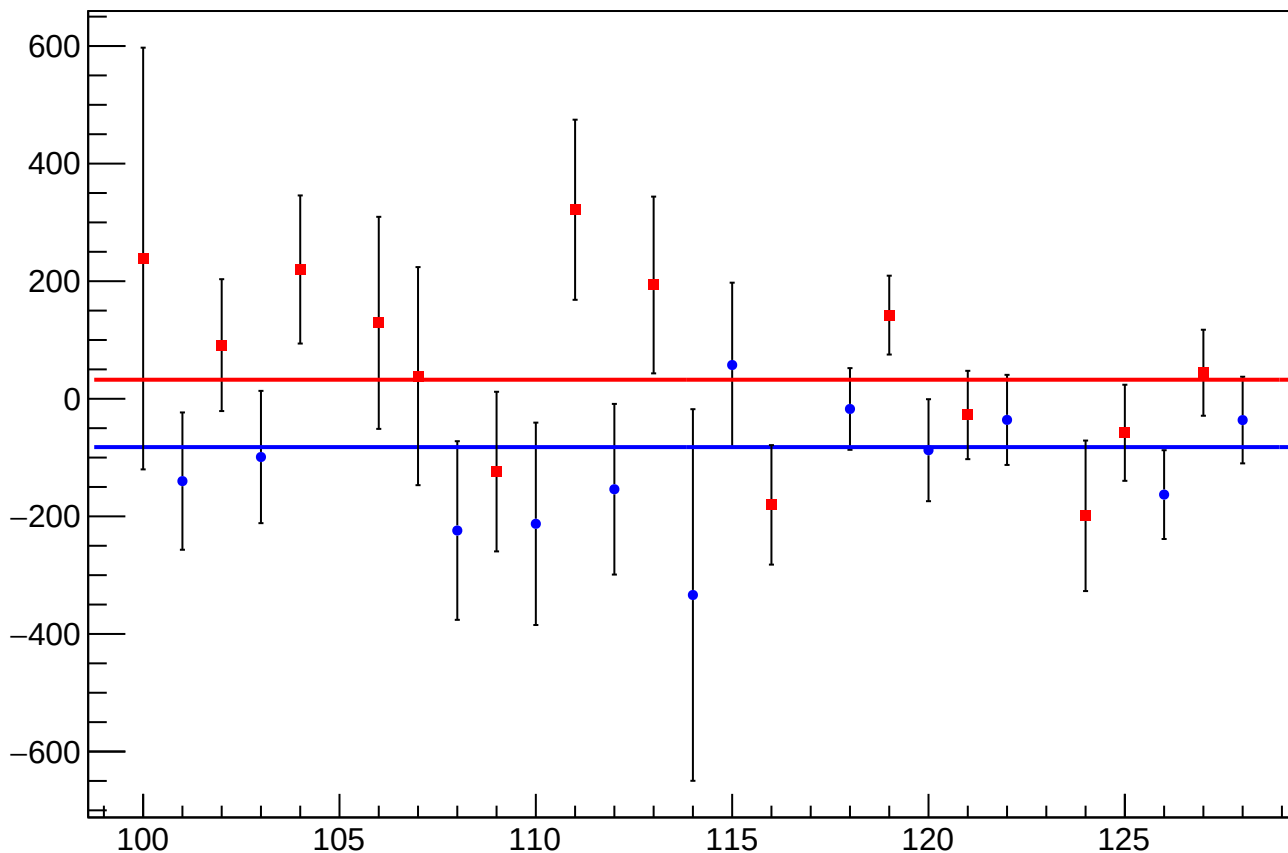
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1404059.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_26_dd_mean vs Slug



Right In: -82.184 $\pm$ 28.771 χ^2 /NDF: 6.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 32.409 $\pm$ 28.337 χ^2 /NDF: 21.4/13

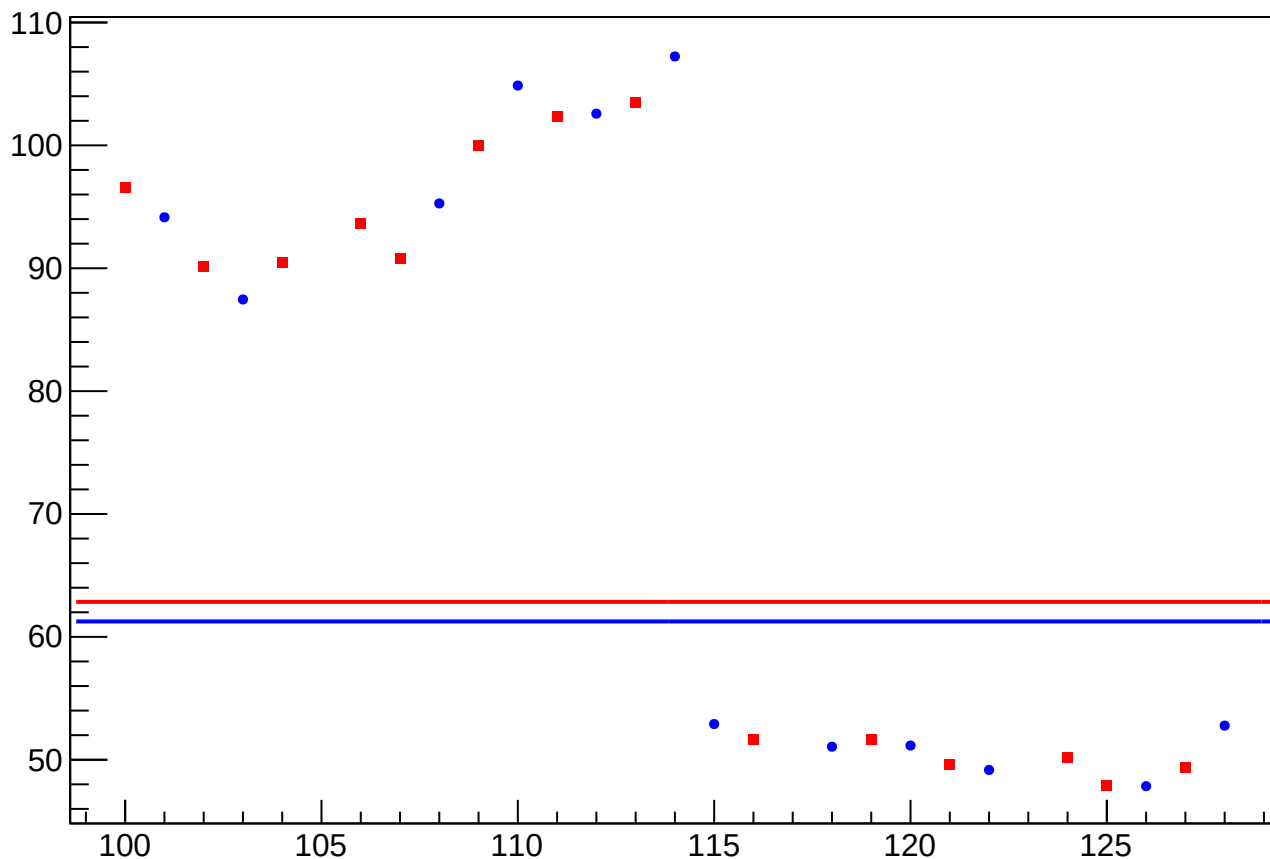
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -24.017 $\pm$ 20.189 χ^2 /NDF: 35.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_26_dd_rms vs Slug



Right In: 61.255 $\pm$ 0.020 χ^2 /NDF: 916895.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 62.849 $\pm$ 0.020 χ^2 /NDF: 1060854.3/13

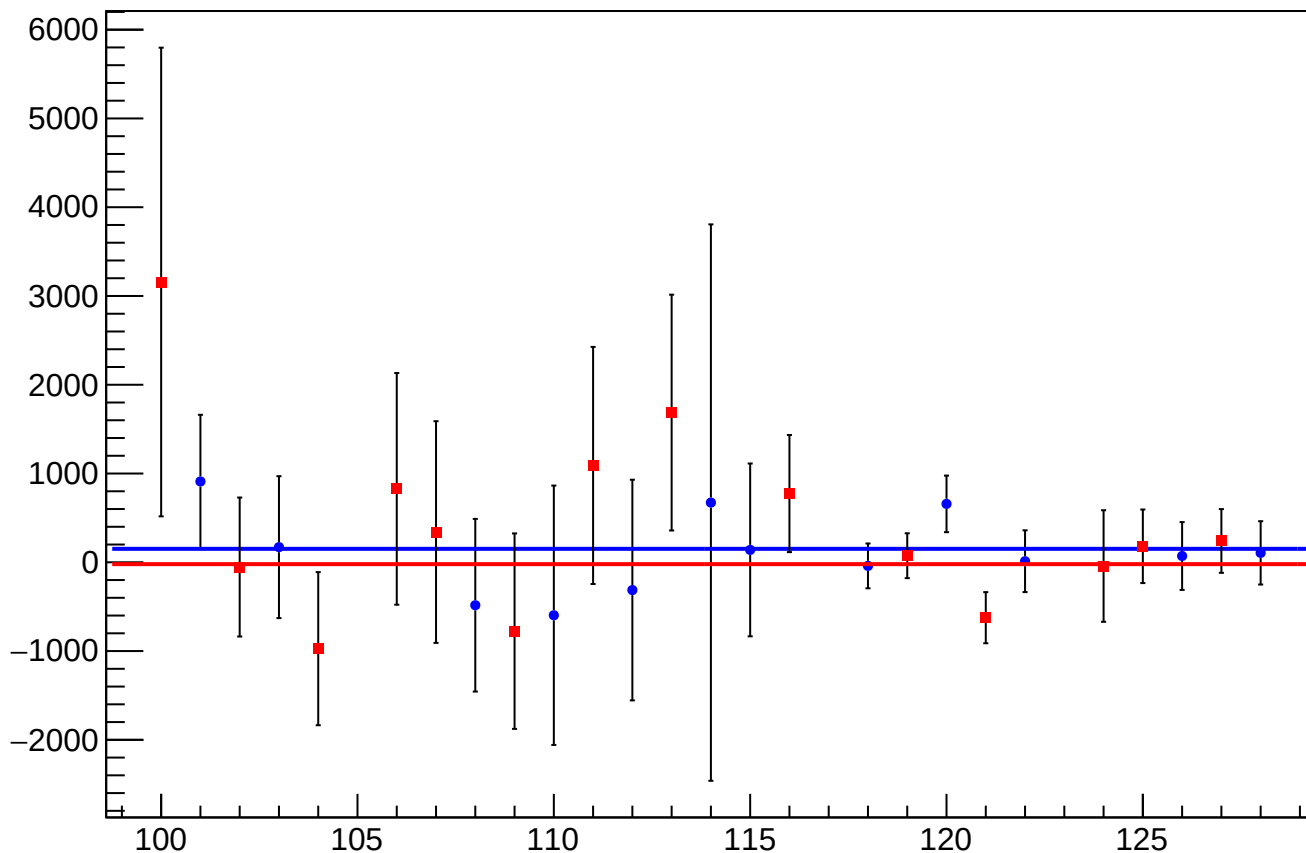
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 62.064 $\pm$ 0.014 χ^2 /NDF: 1980863.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_reg_correction_mean vs Slug



Right In: 151.594 $\pm$ 134.614 χ^2 /NDF: 5.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -20.896 $\pm$ 138.082 χ^2 /NDF: 12.7/13

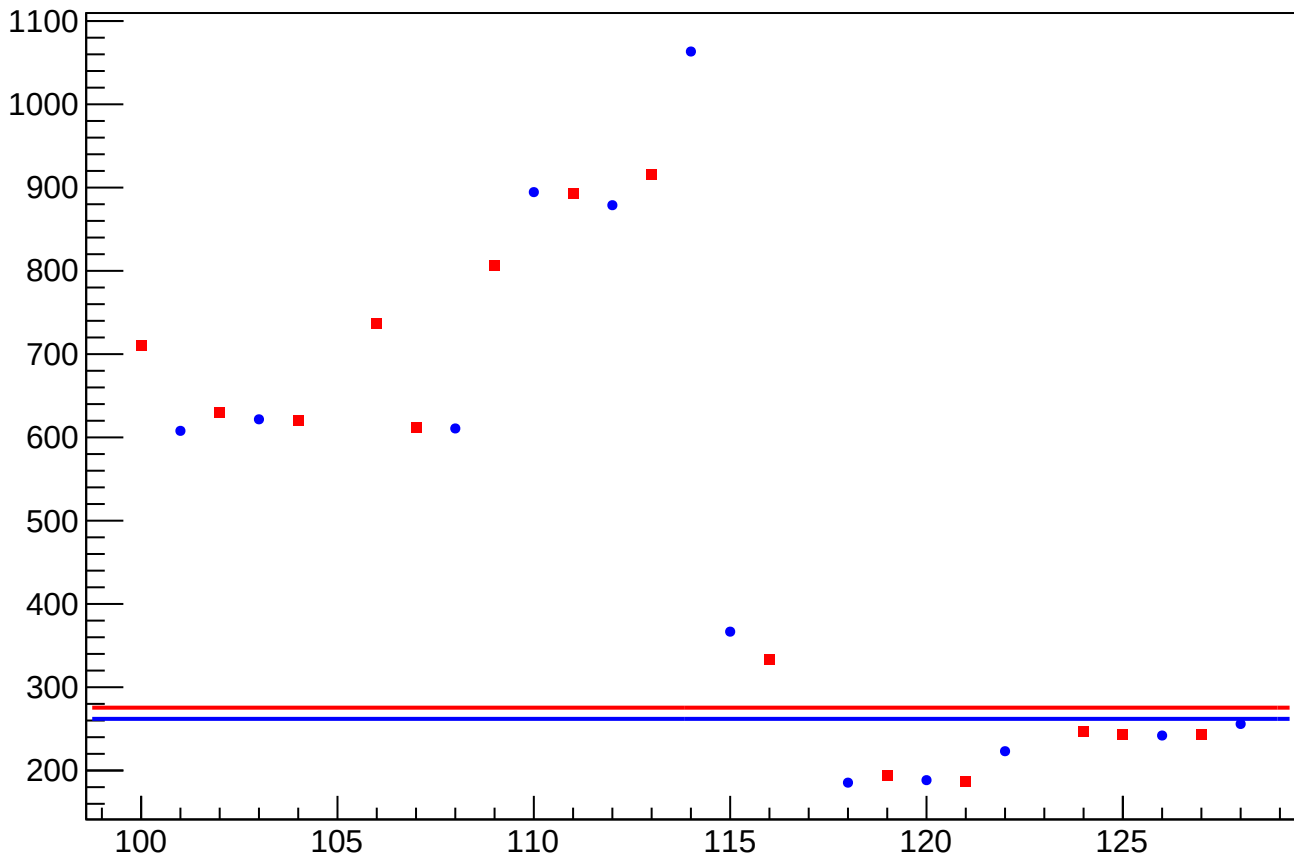
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 67.542 $\pm$ 96.389 χ^2 /NDF: 18.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_reg_correction_rms vs Slug



Right In: 262.009+/-0.095 χ^2/NDF : 2429871.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

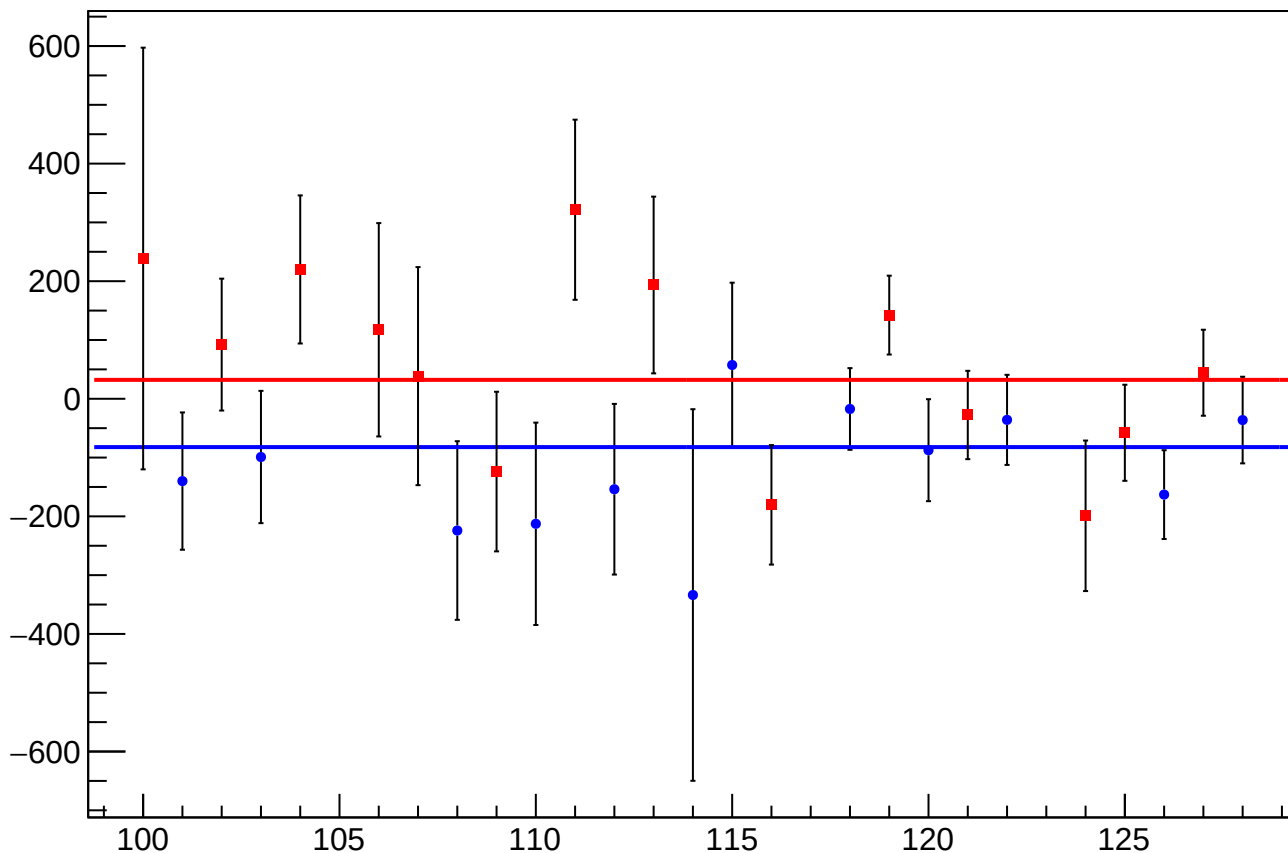
Right Out: 275.459+/-0.098 χ^2/NDF : 2985948.1/13

All: 268.563+/-0.068 χ^2/NDF : 5425549.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_37_26_dd_mean vs Slug



Right In: -82.185 ± 28.771 χ^2/NDF : 6.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 32.150 ± 28.342 χ^2/NDF : 21.3/13

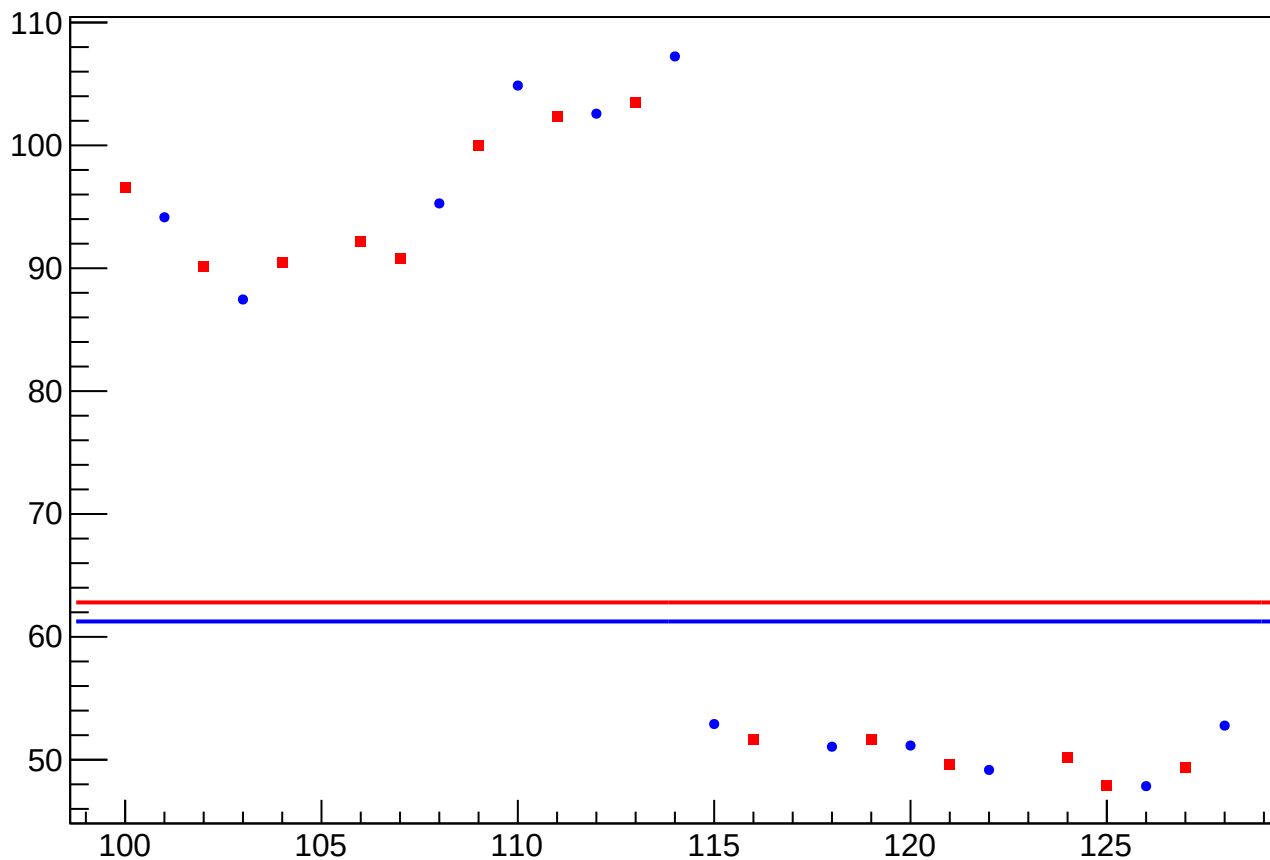
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -24.157 ± 20.191 χ^2/NDF : 35.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam_37_26_dd_rms vs Slug



Right In: 61.255+/-0.020 χ^2/NDF : 916895.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.803+/-0.020 χ^2/NDF : 1054687.2/13

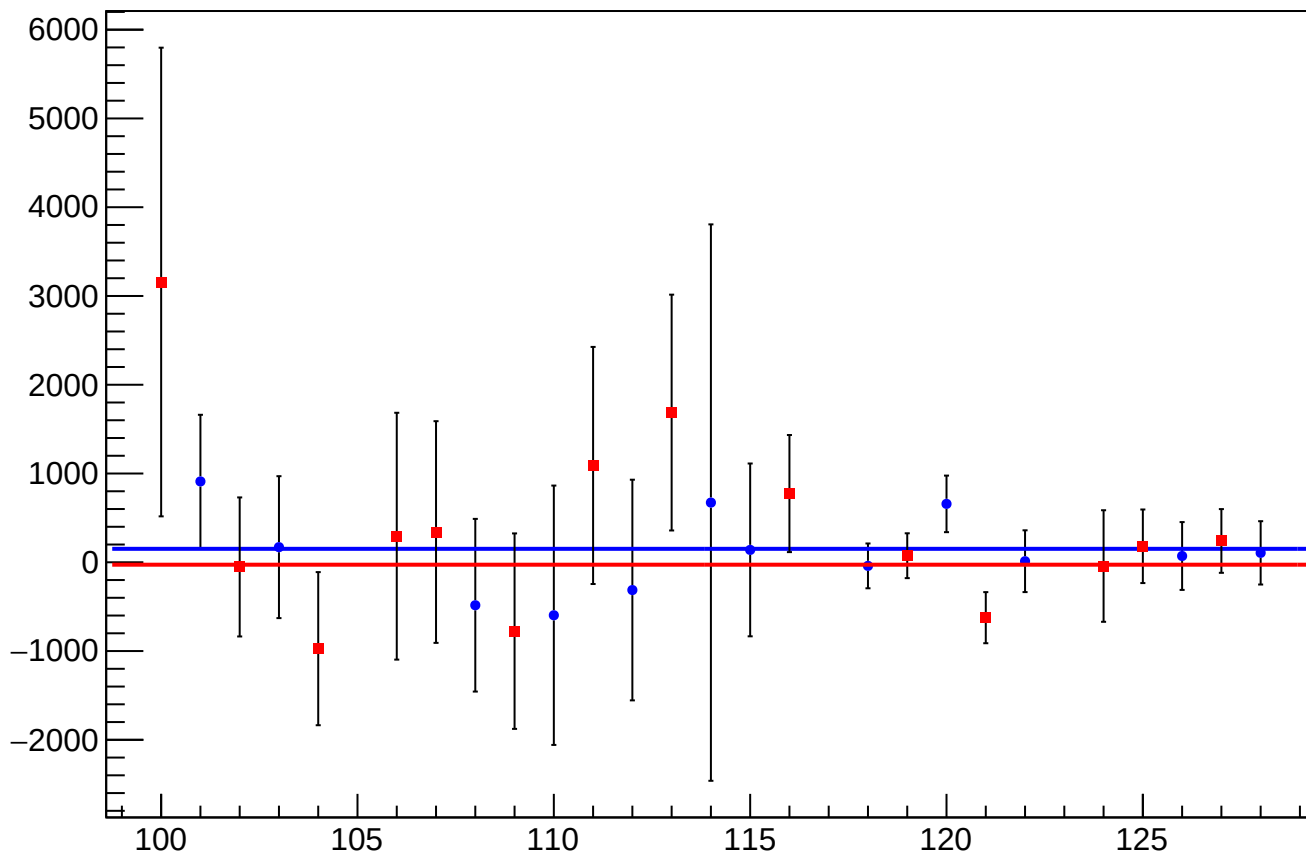
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.041+/-0.014 χ^2/NDF : 1974519.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_cor_correction_mean vs Slug



Right In: 151.589 $\pm$ 134.614 χ^2 /NDF: 5.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -27.254 $\pm$ 138.176 χ^2 /NDF: 12.4/13

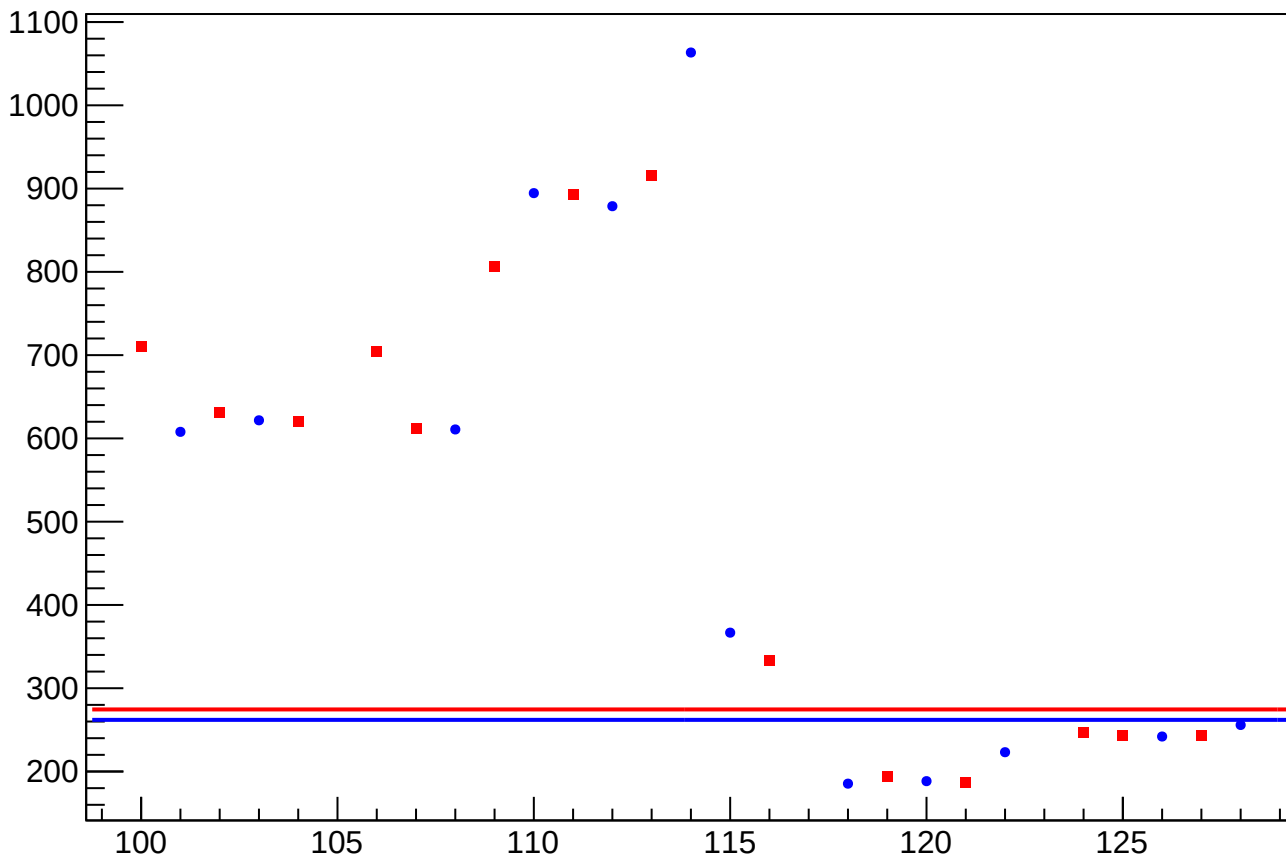
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 64.502 $\pm$ 96.421 χ^2 /NDF: 18.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_cor_correction_rms vs Slug



Right In: 262.008+/-0.095 χ^2/NDF : 2429887.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 274.528+/-0.098 χ^2/NDF : 2926925.0/13

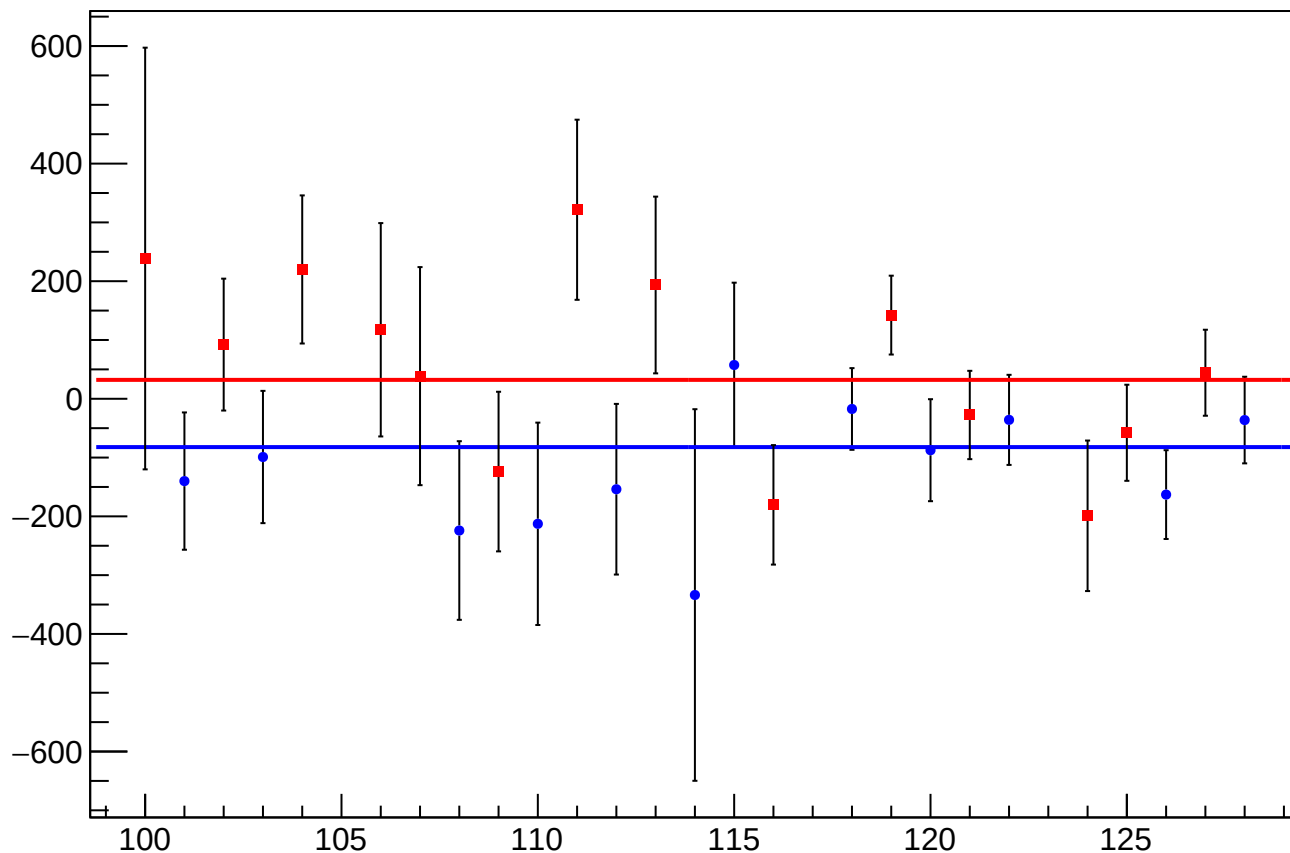
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 268.105+/-0.068 χ^2/NDF : 5365236.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_37_26_dd_mean vs Slug



Right In: -82.185 ± 28.771 χ^2/NDF : 6.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 32.150 ± 28.342 χ^2/NDF : 21.3/13

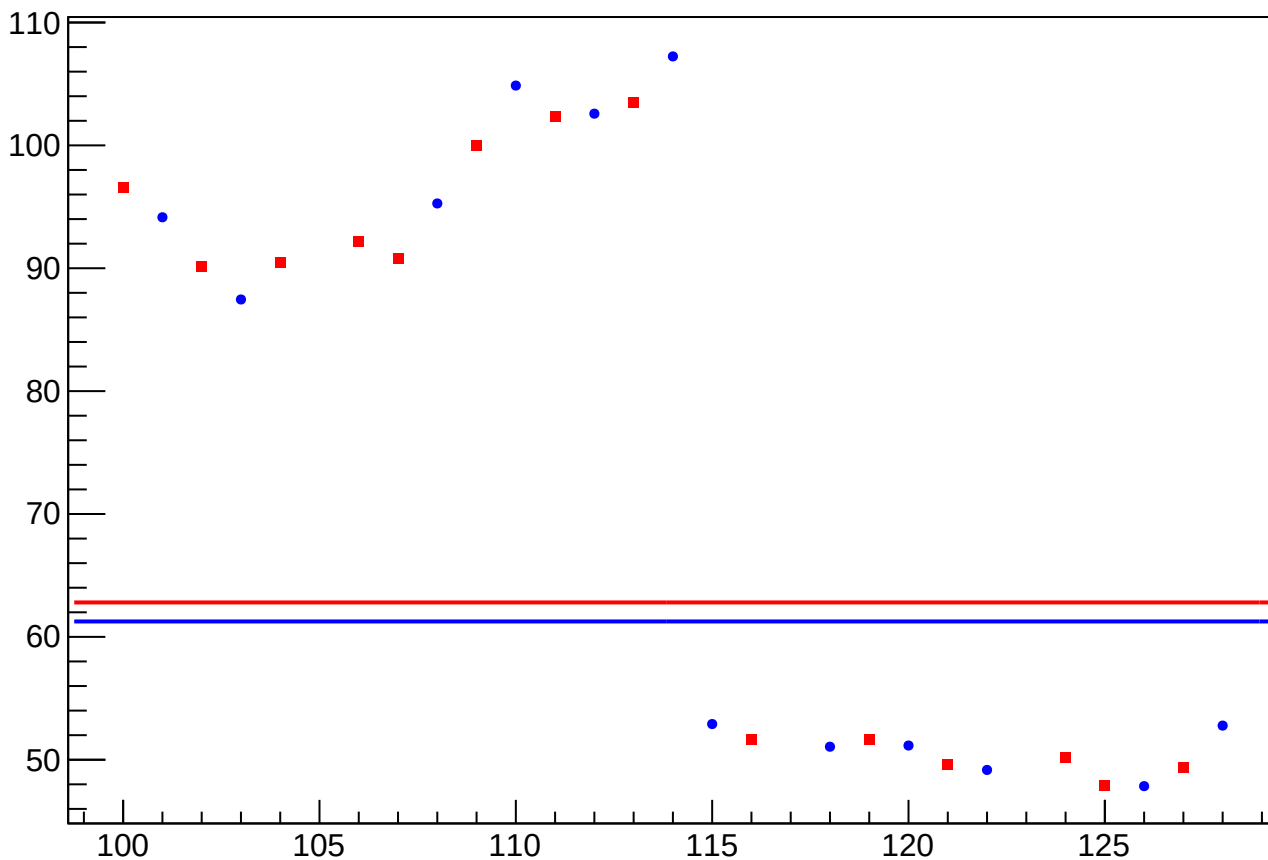
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -24.157 ± 20.191 χ^2/NDF : 35.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_37_26_dd_rms vs Slug



Right In: 61.255+/-0.020 χ^2 /NDF: 916895.5/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 62.803+/-0.020 χ^2 /NDF: 1054687.2/13

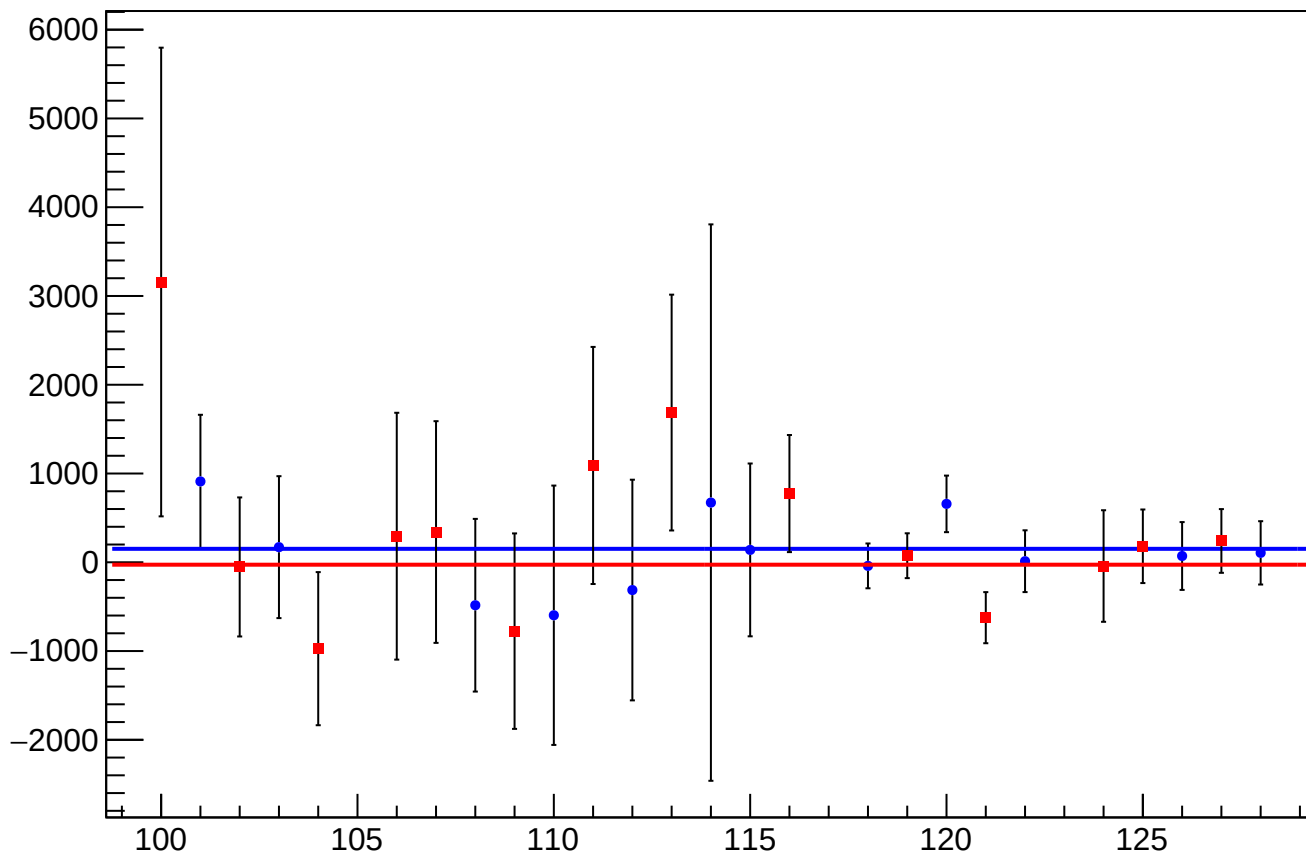
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 62.041+/-0.014 χ^2 /NDF: 1974519.7/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_cor_correction_mean vs Slug



Right In: 151.589 $\pm$ 134.614 χ^2 /NDF: 5.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -27.254 $\pm$ 138.176 χ^2 /NDF: 12.4/13

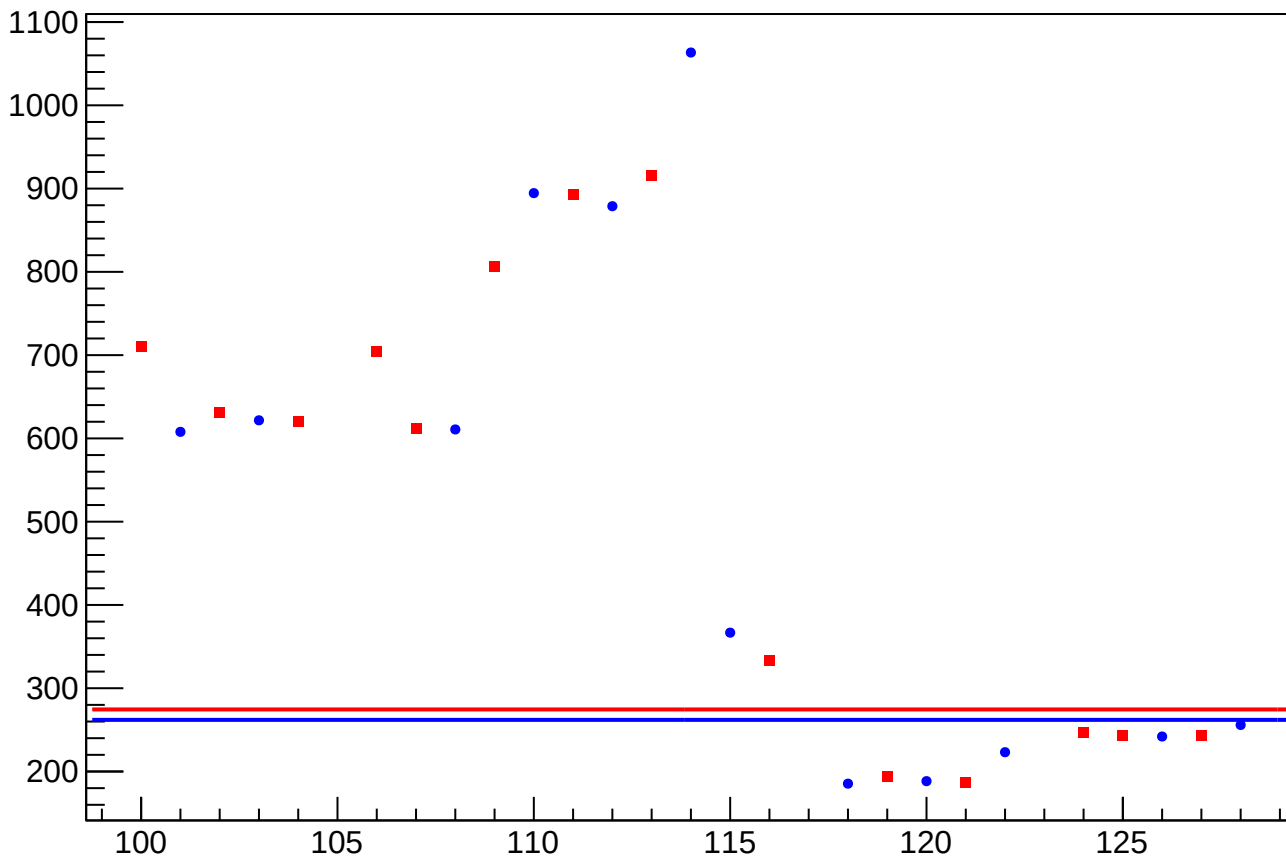
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 64.502 $\pm$ 96.421 χ^2 /NDF: 18.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_cor_correction_rms vs Slug



Right In: 262.008+/-0.095 χ^2/NDF : 2429887.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 274.528+/-0.098 χ^2/NDF : 2926925.0/13

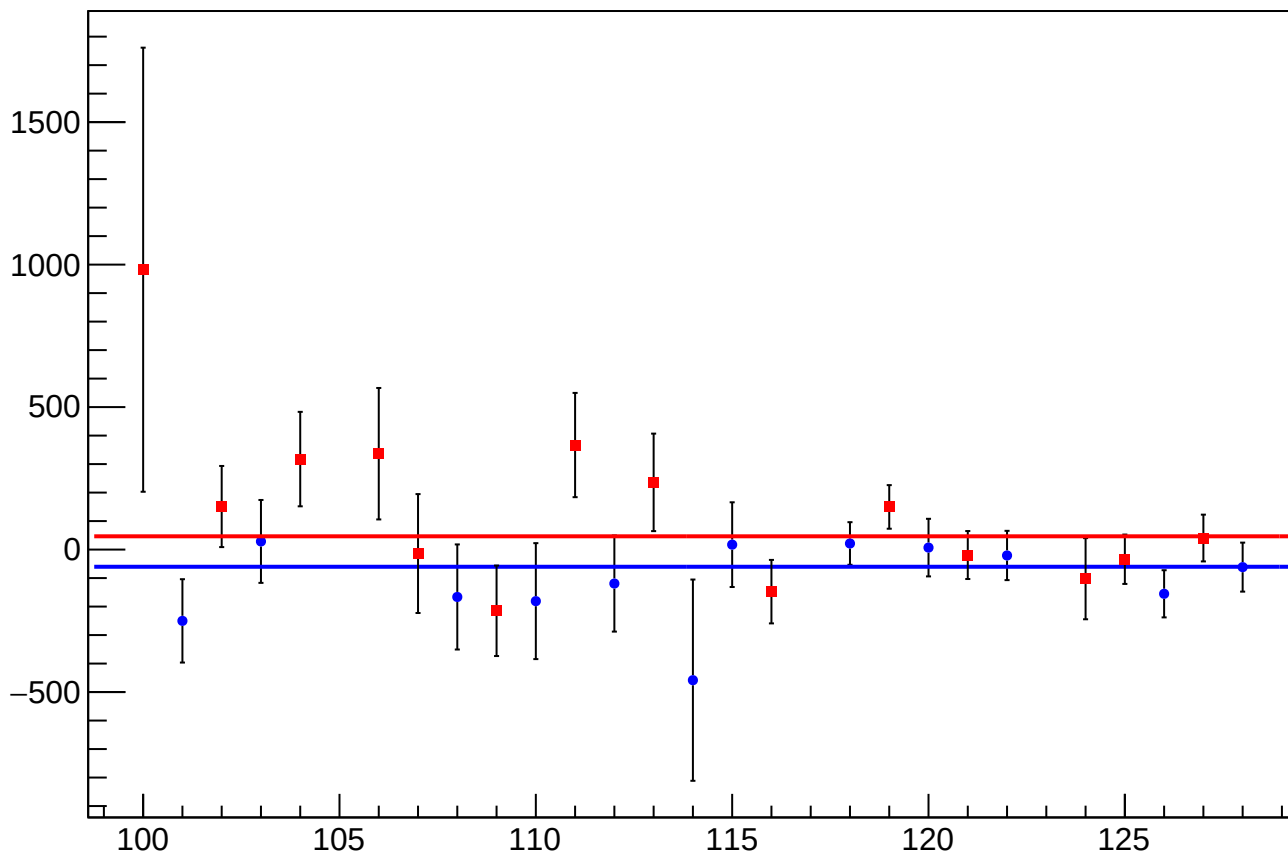
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 268.105+/-0.068 χ^2/NDF : 5365236.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_26_dd_mean vs Slug



Right In: -60.294 ± 32.829 χ^2/NDF : 7.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 46.579 ± 32.333 χ^2/NDF : 20.7/13

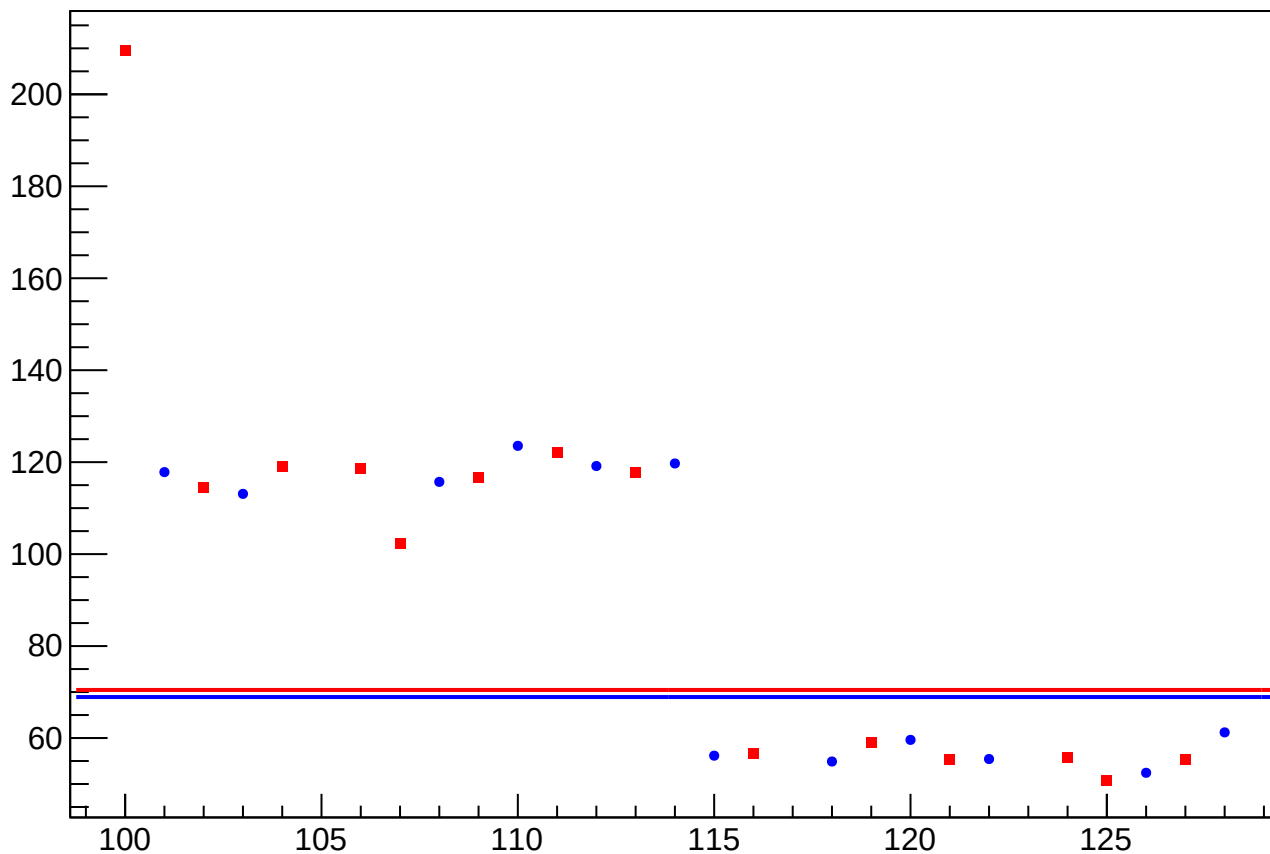
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.043 ± 23.036 χ^2/NDF : 33.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_26_dd_rms vs Slug



Right In: 68.914+/-0.023 χ^2/NDF : 1146294.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.455+/-0.023 χ^2/NDF : 1376807.7/13

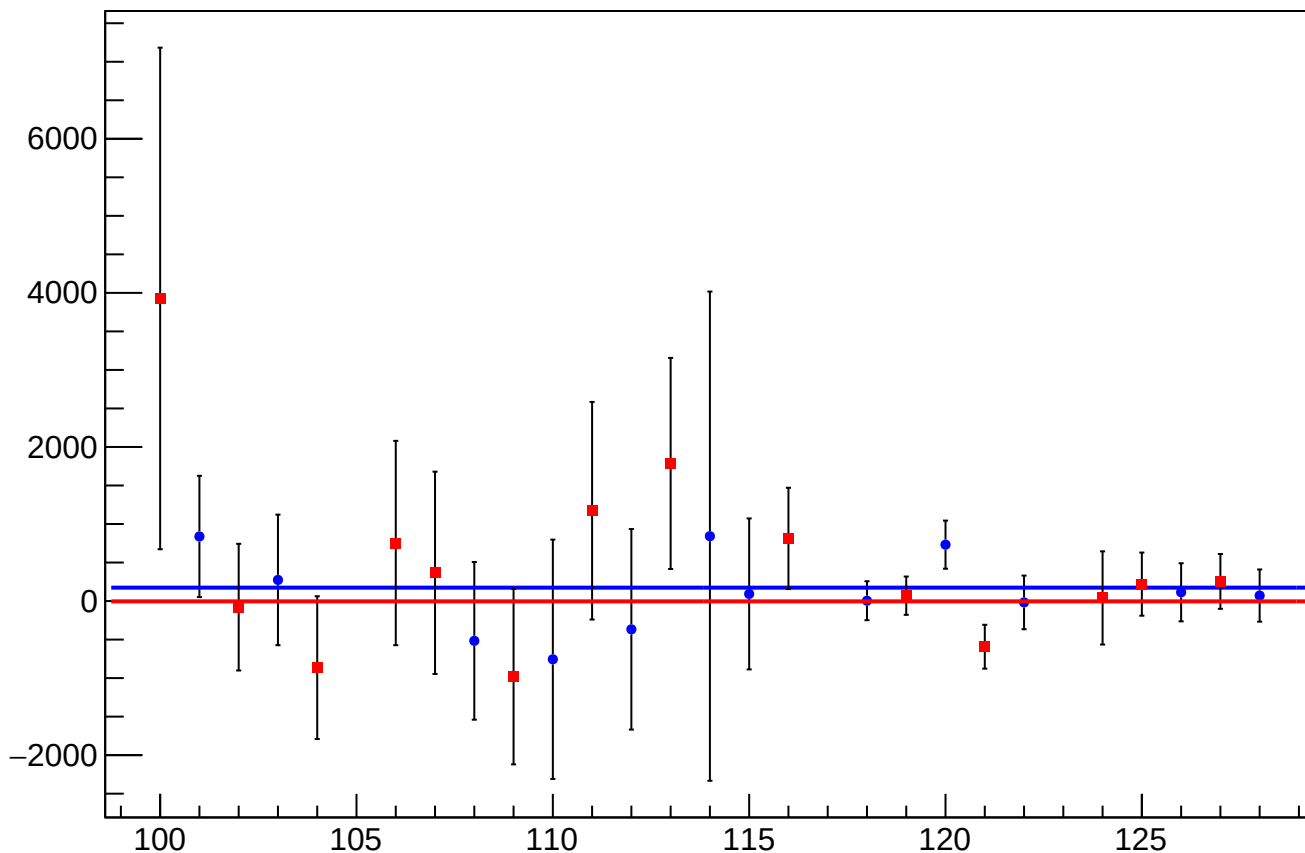
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.696+/-0.016 χ^2/NDF : 2525340.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_dit_correction_mean vs Slug



Right In: 174.092 $\pm$ 133.632 χ^2 /NDF: 5.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.863 $\pm$ 137.195 χ^2 /NDF: 12.6/13

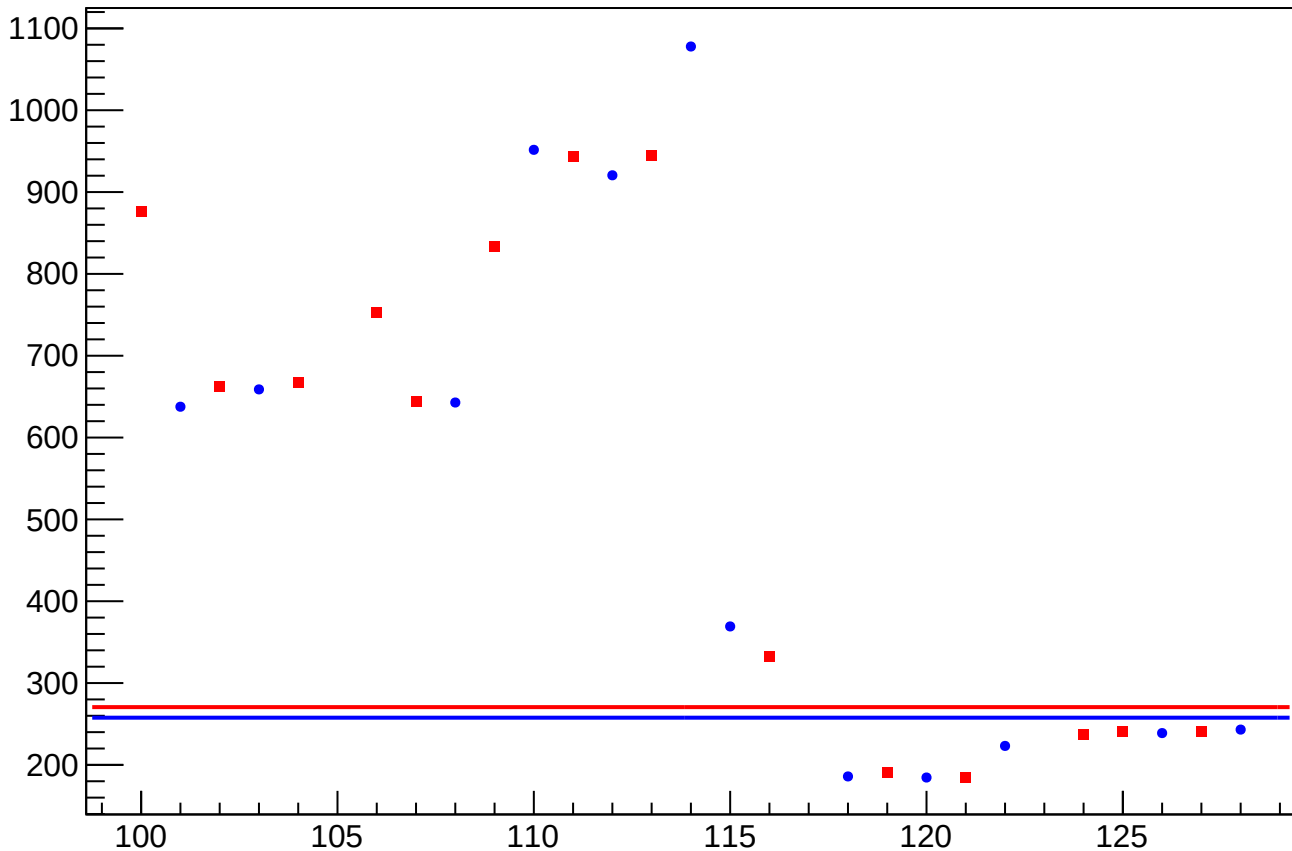
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 87.455 $\pm$ 95.727 χ^2 /NDF: 19.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_dit_correction_rms vs Slug



Right In: 257.682 $\pm$ 0.094 χ^2 /NDF: 2574150.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

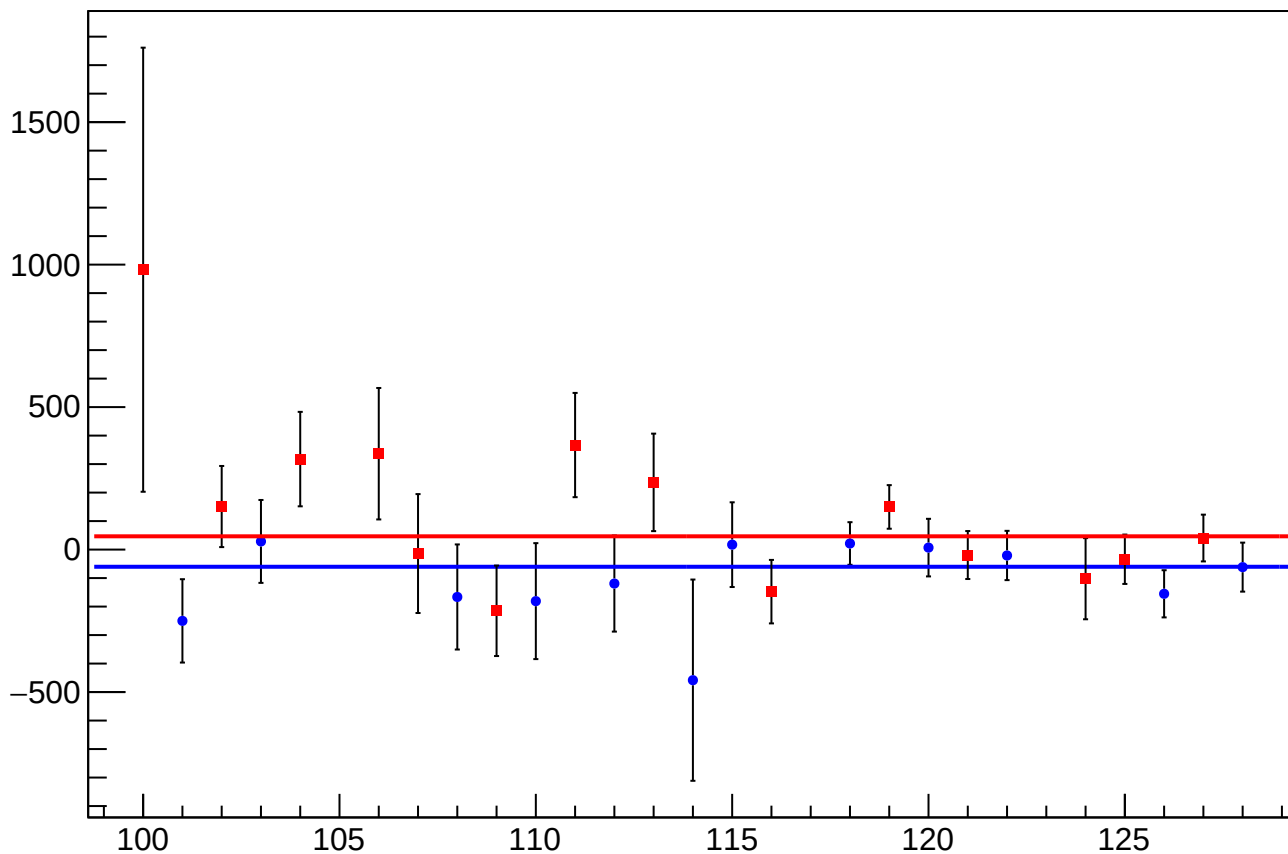
Right Out: 270.589 $\pm$ 0.097 χ^2 /NDF: 3180826.4/13

All: 263.966 $\pm$ 0.068 χ^2 /NDF: 5764058.9/25

- sign 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_26_dd_mean vs Slug



Right In: -60.293+/-32.829 χ^2 /NDF: 7.6/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 46.583+/-32.333 χ^2 /NDF: 20.7/13

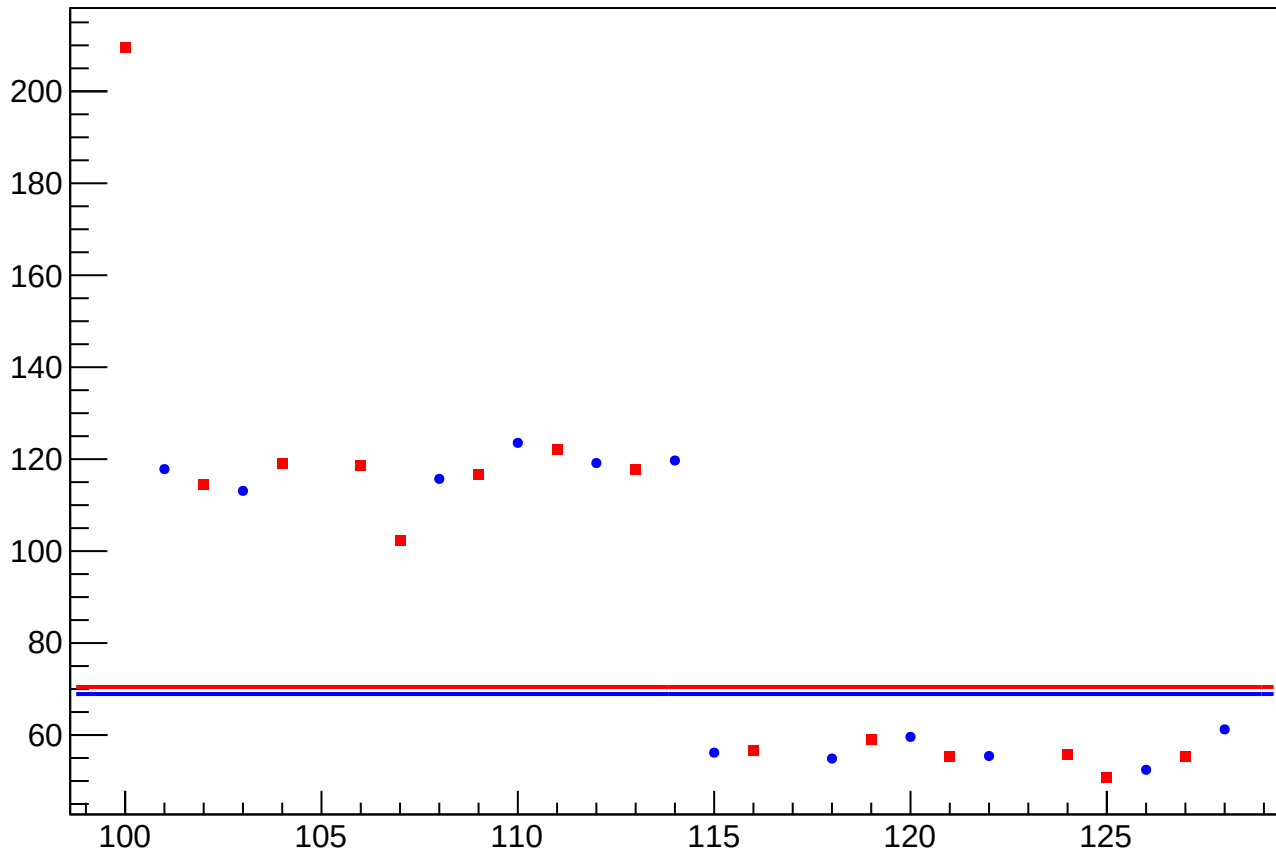
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -6.041+/-23.036 χ^2 /NDF: 33.7/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_37_26_dd_rms vs Slug



Right In: 68.913+/-0.023 χ^2/NDF : 1146274.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.455+/-0.023 χ^2/NDF : 1376777.7/13

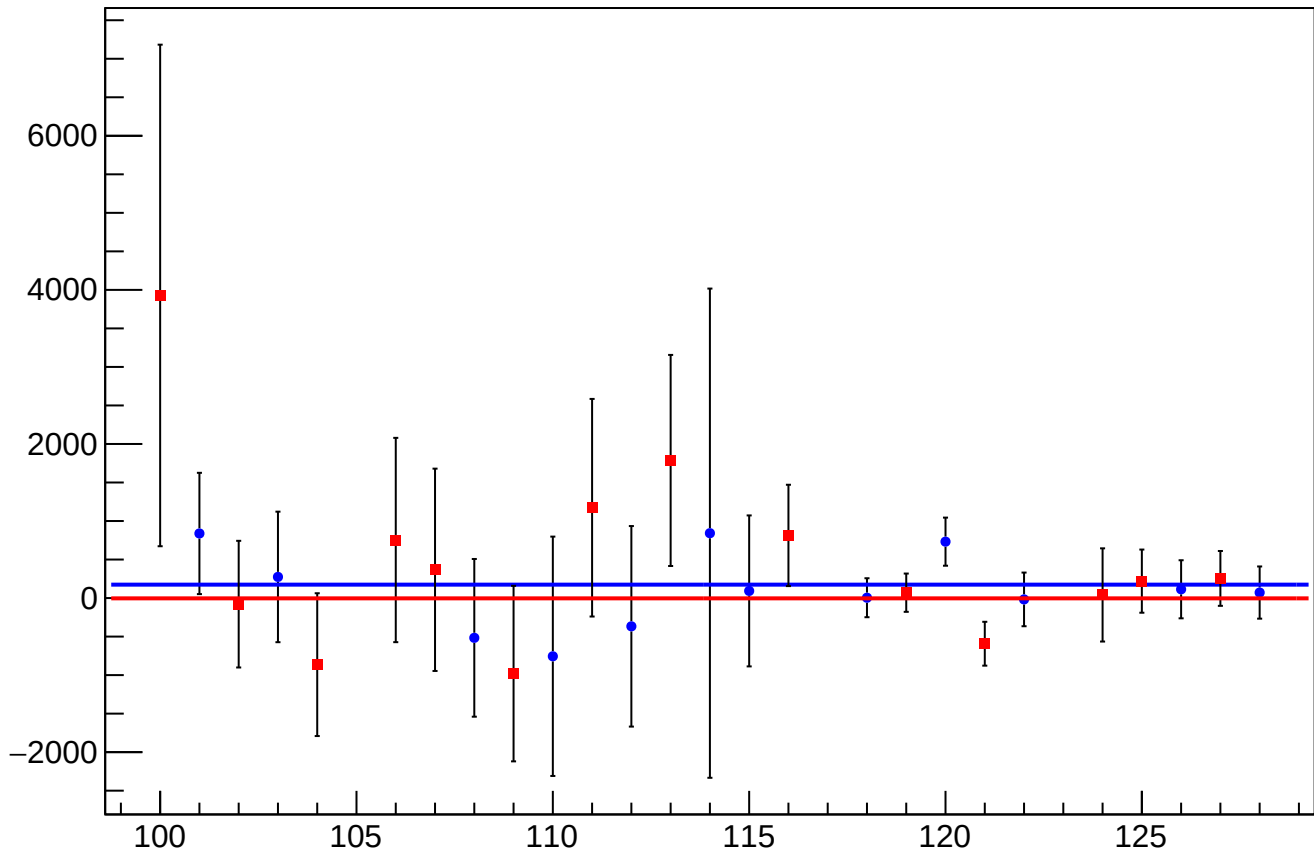
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.696+/-0.016 χ^2/NDF : 2525291.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_eigen_dit_correction_mean vs Slug



Right In: 174.091 $\pm$ 133.632 χ^2 /NDF: 5.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.861 $\pm$ 137.195 χ^2 /NDF: 12.6/13

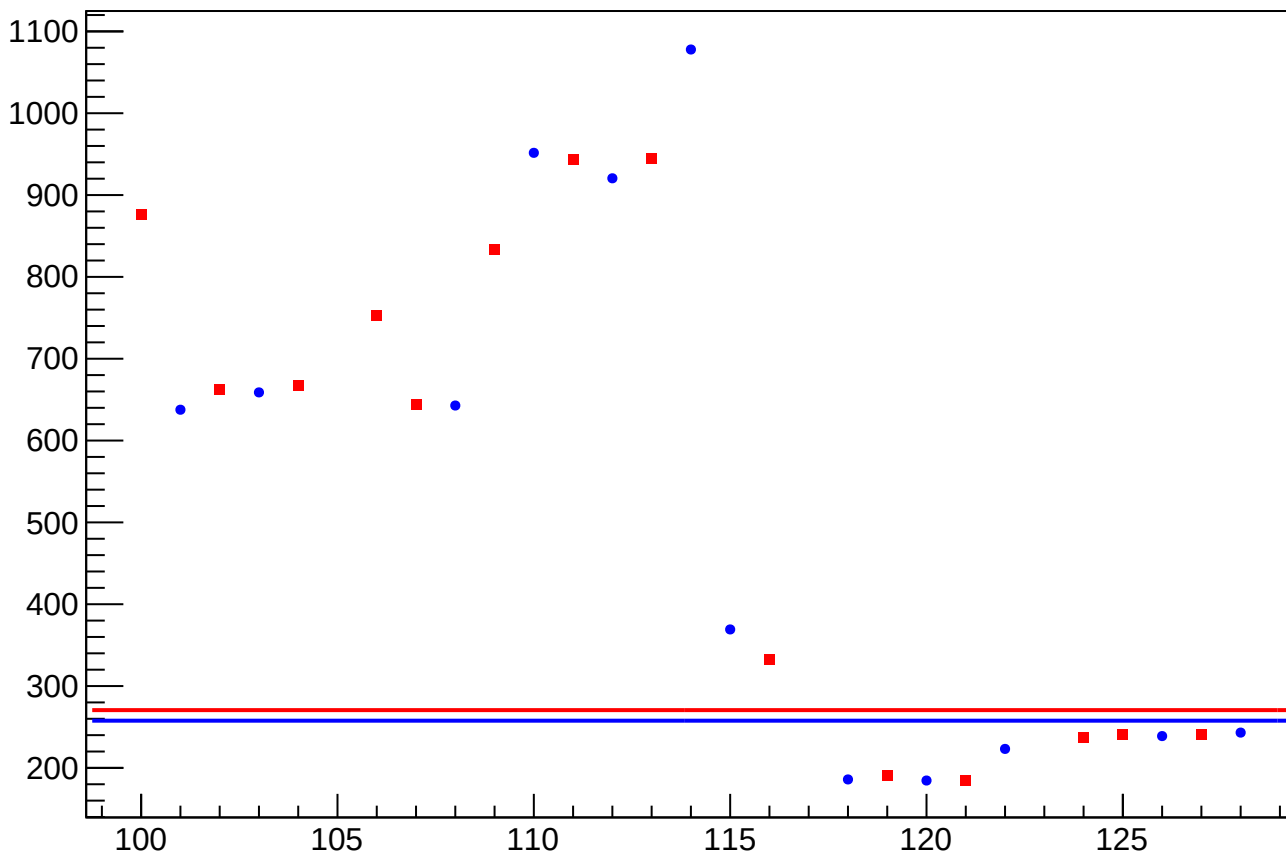
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 87.456 $\pm$ 95.727 χ^2 /NDF: 19.3/25

- 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: 257.682 $\pm$ 0.094 χ^2 /NDF: 2574146.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

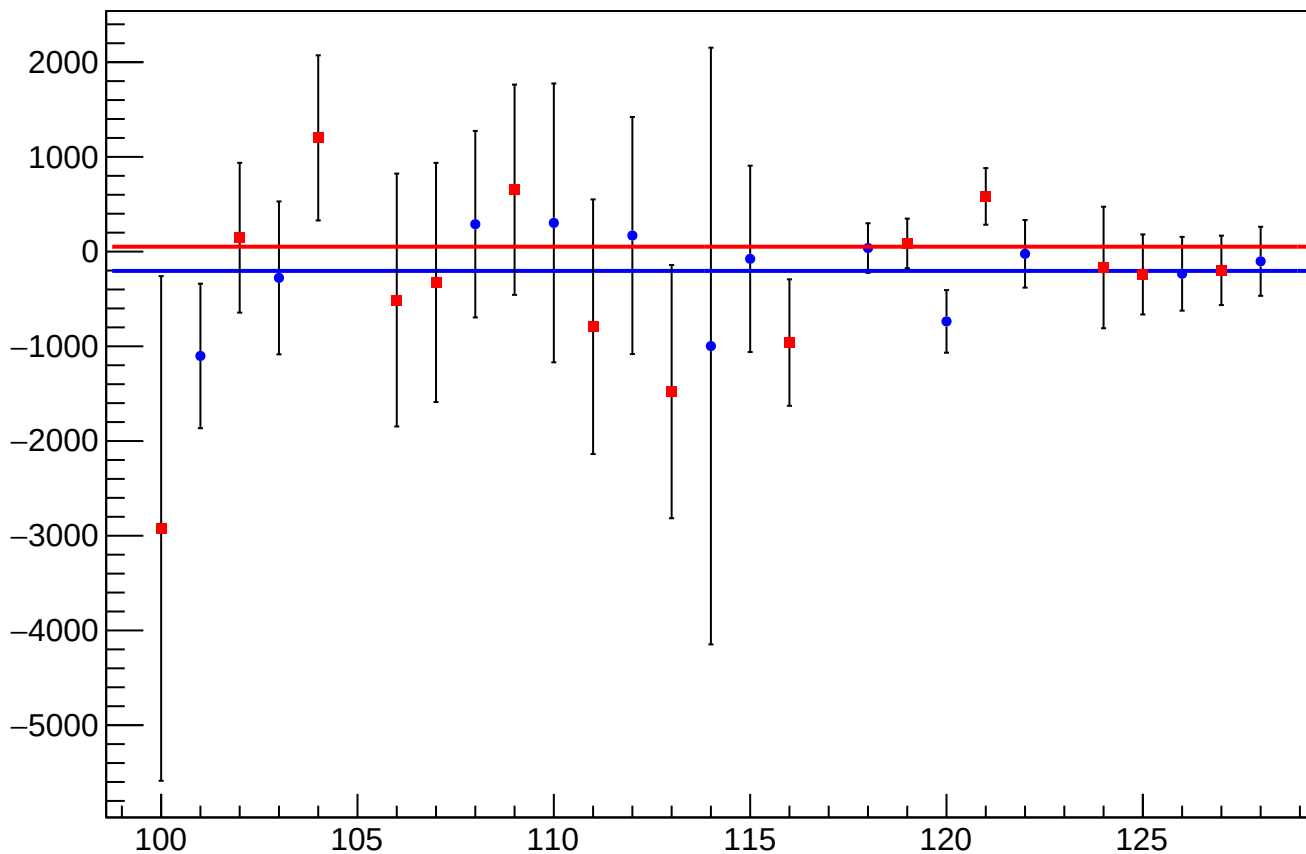
Right Out: 270.589 $\pm$ 0.097 χ^2 /NDF: 3180812.7/13

All: 263.966 $\pm$ 0.068 χ^2 /NDF: 5764041.9/25

- sign 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: -203.825+/-138.381 χ^2 /NDF: 5.7/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 51.774+/-141.892 χ^2 /NDF: 11.8/13

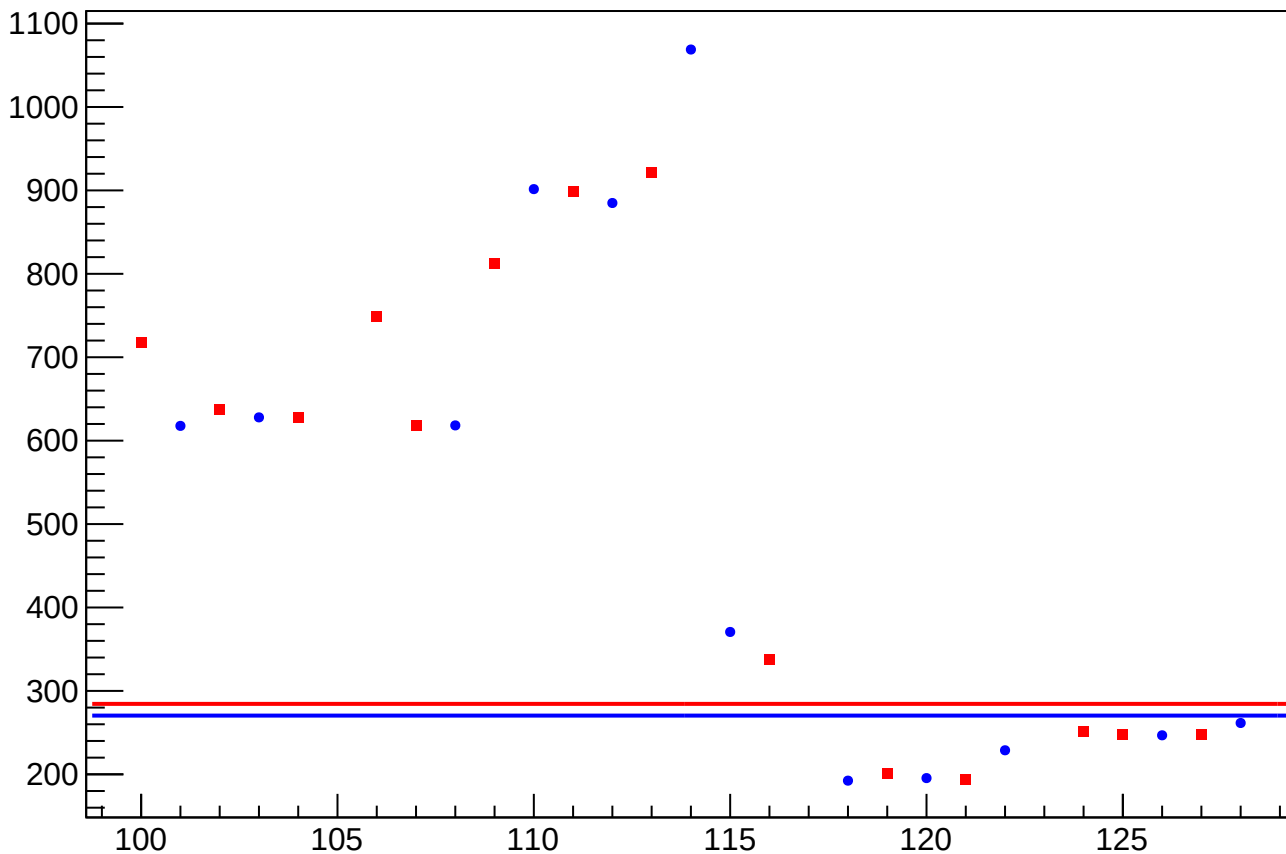
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -79.227+/-99.068 χ^2 /NDF: 19.2/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_rms vs Slug



Right In: 270.404+/-0.098 χ^2/NDF : 2371013.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 284.446+/-0.100 χ^2/NDF : 2906233.6/13

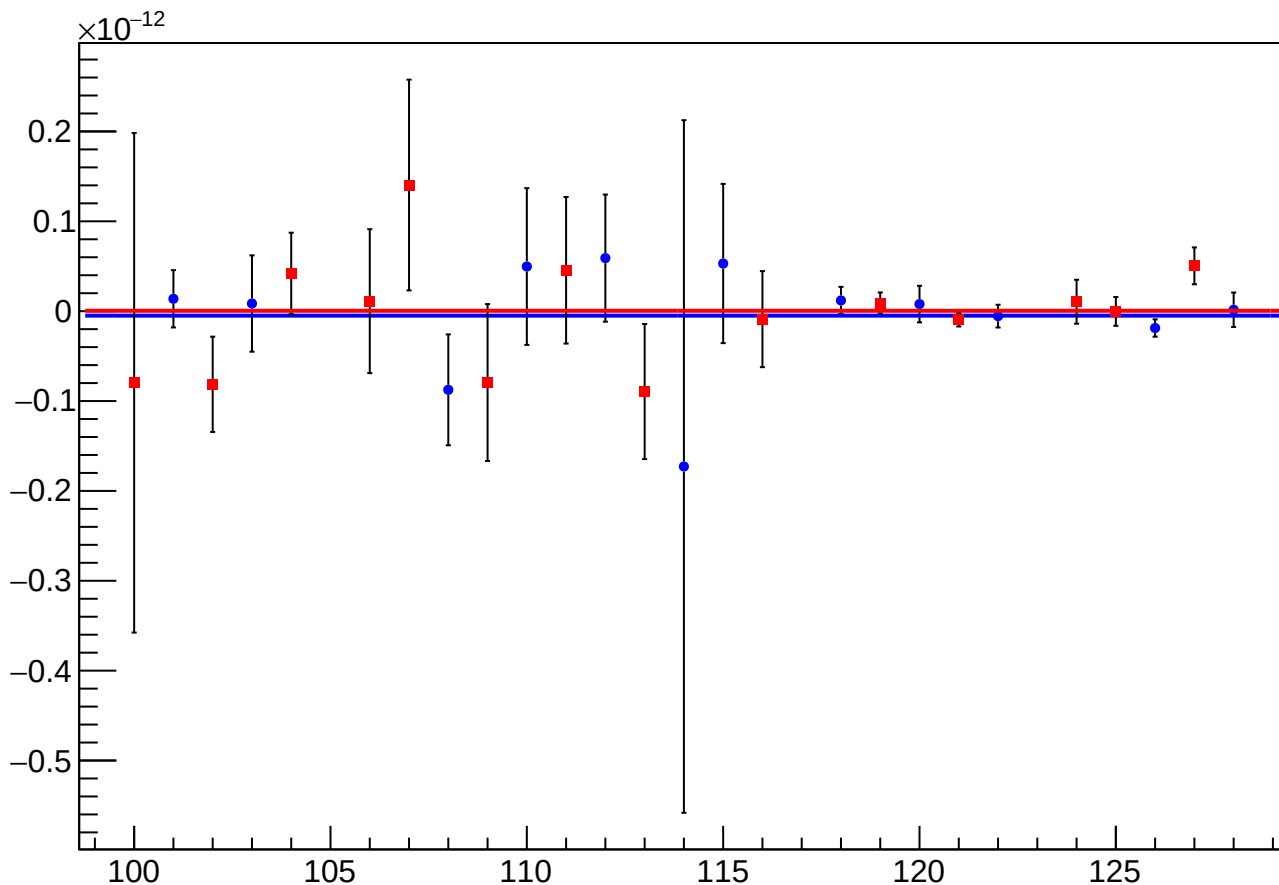
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.249+/-0.070 χ^2/NDF : 5287285.2/25

- sign 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: 7.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.7/13

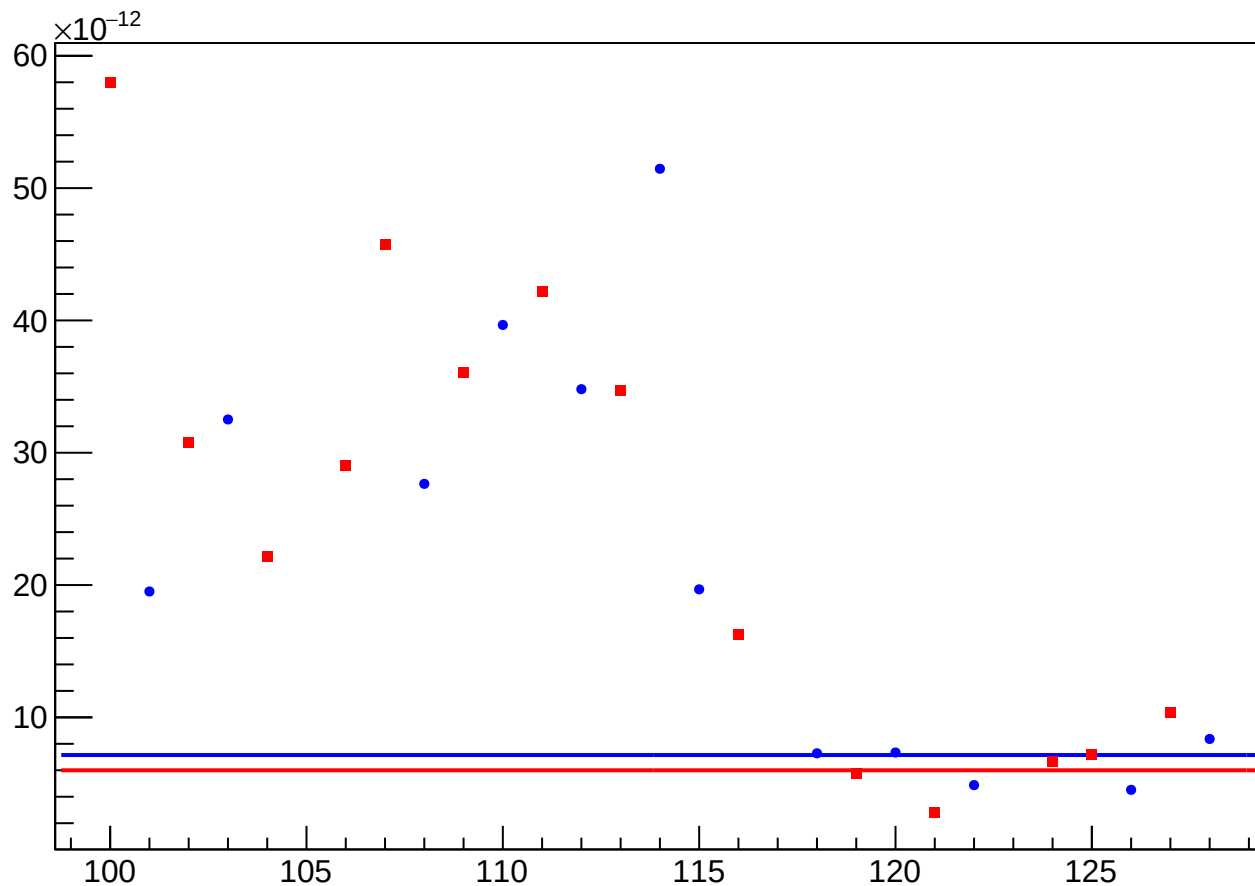
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 24.0/25

- 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 : 1840043.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2617056.9/13

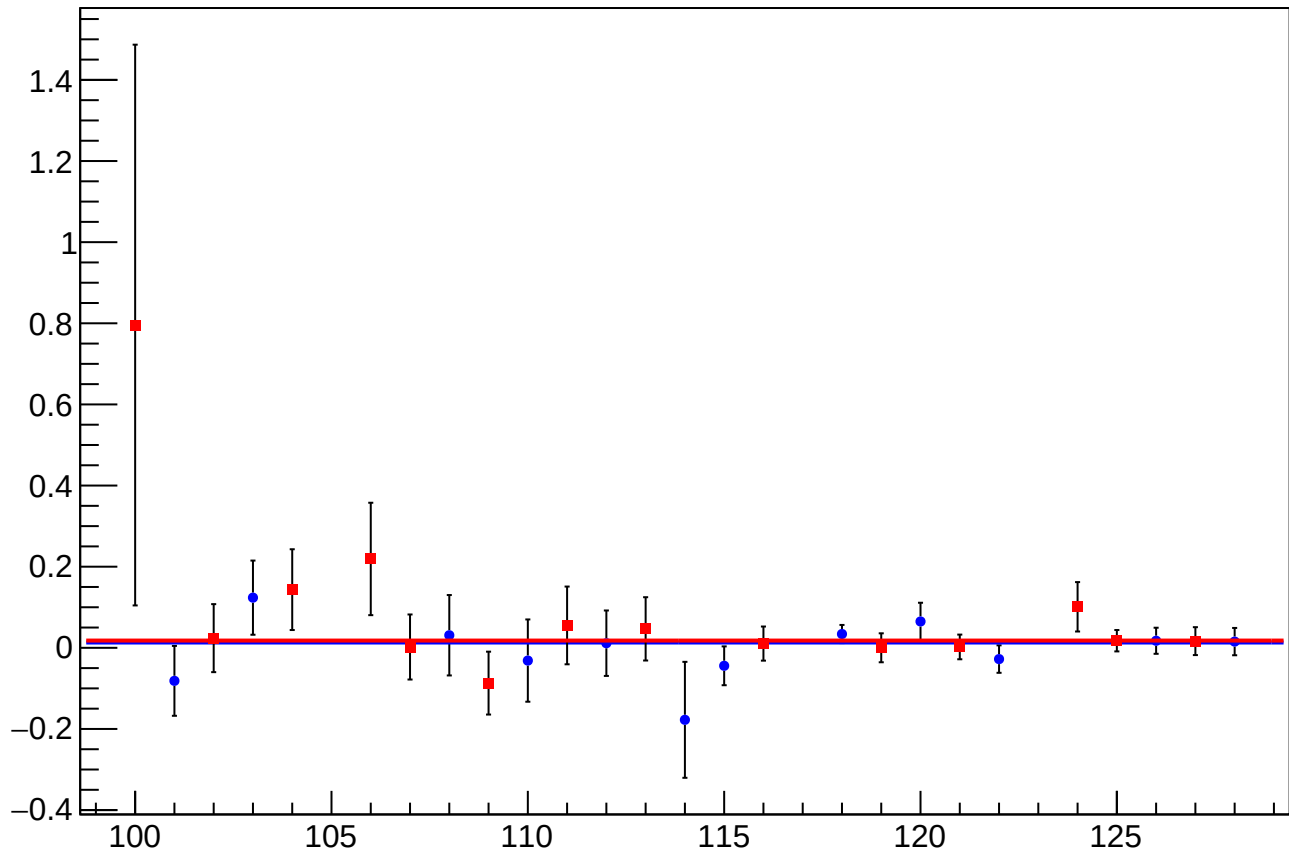
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4498758.5/25

- 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: 0.013 $\pm$ 0.013 χ^2 /NDF: 9.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.018 $\pm$ 0.013 χ^2 /NDF: 9.5/13

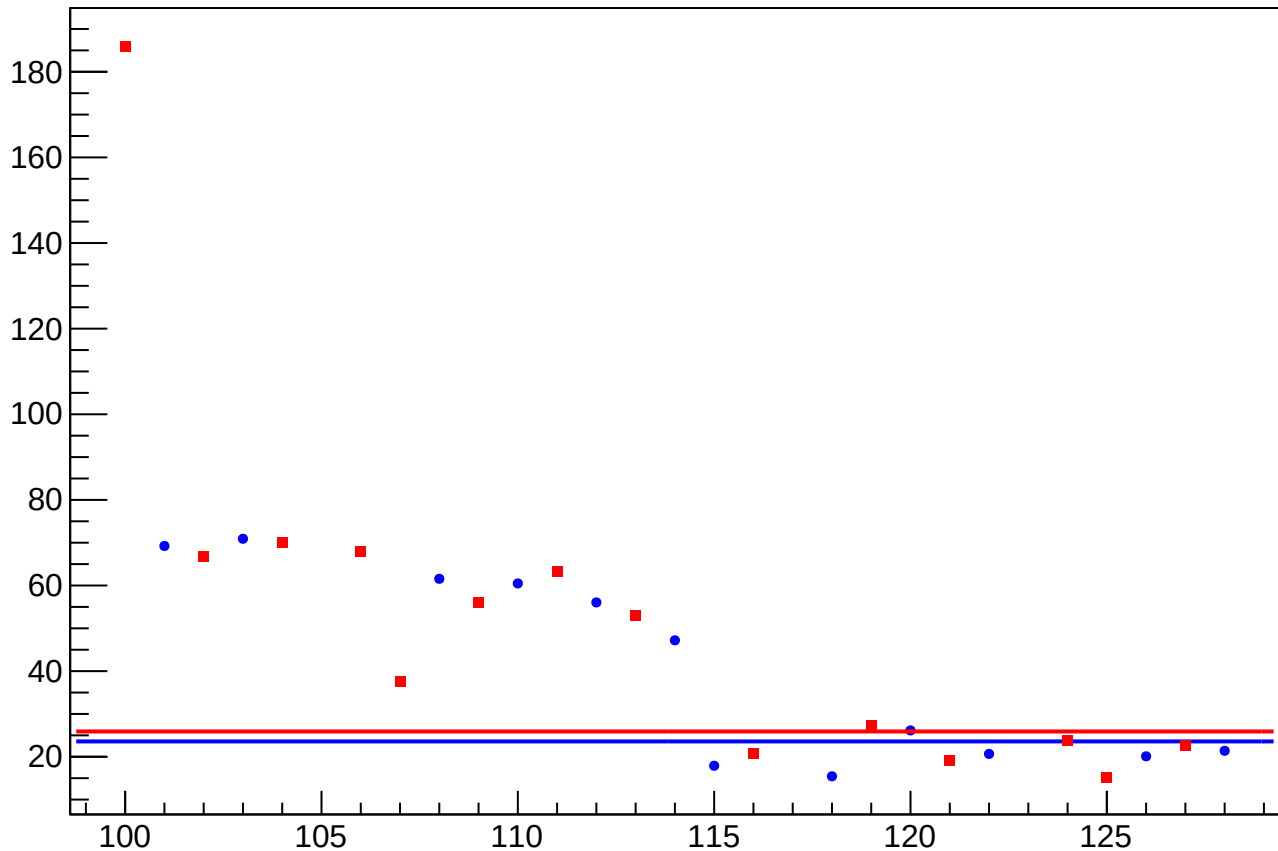
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.015 $\pm$ 0.009 χ^2 /NDF: 19.3/25

- 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: 23.583+/-0.009 χ^2/NDF : 2382100.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.911+/-0.009 χ^2/NDF : 2538114.6/13

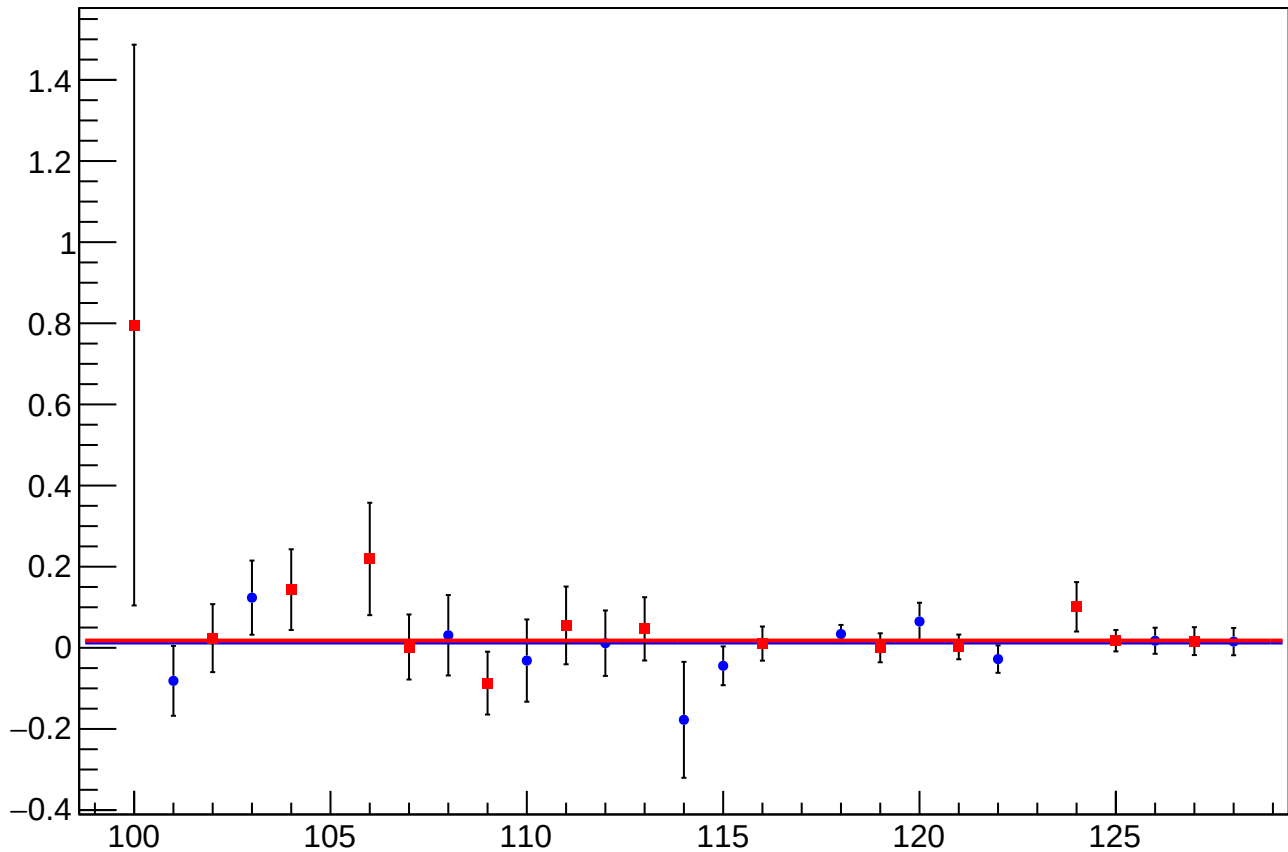
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.708+/-0.006 χ^2/NDF : 4953120.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.013 $\pm$ 0.013 χ^2 /NDF: 9.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.018 $\pm$ 0.013 χ^2 /NDF: 9.5/13

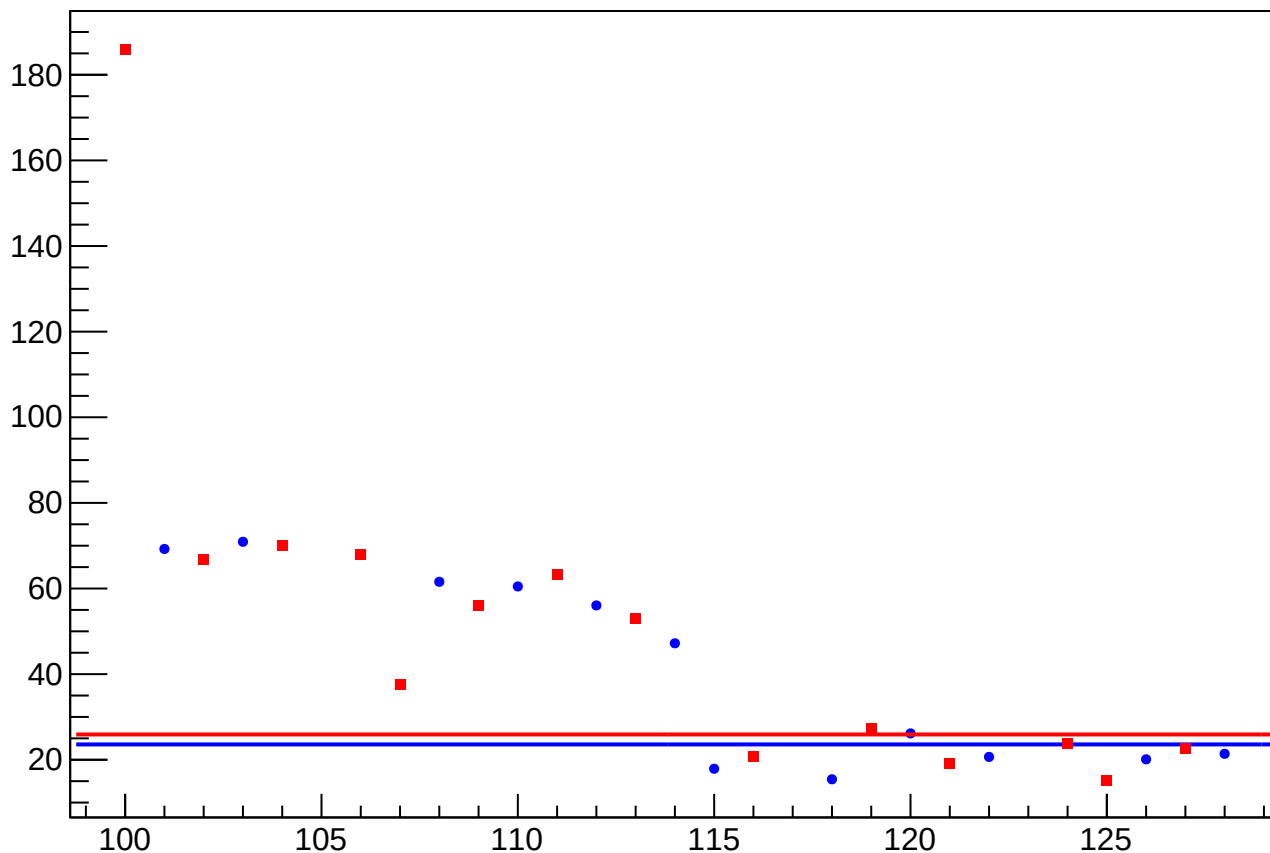
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.015 $\pm$ 0.009 χ^2 /NDF: 19.3/25

- 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: 23.583+/-0.009 χ^2/NDF : 2382100.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.911+/-0.009 χ^2/NDF : 2538114.6/13

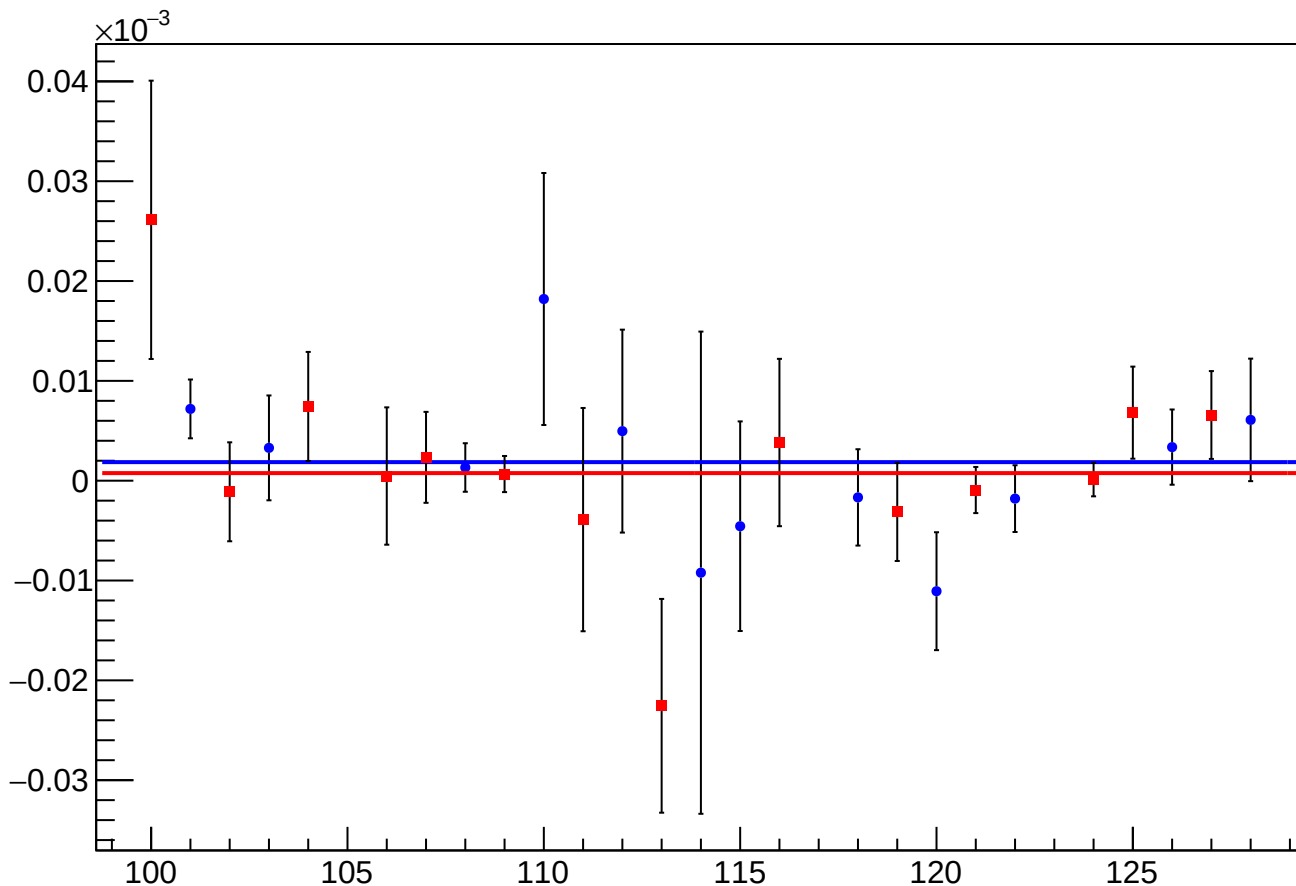
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.708+/-0.006 χ^2/NDF : 4953120.1/25

- 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: 12.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.9/13

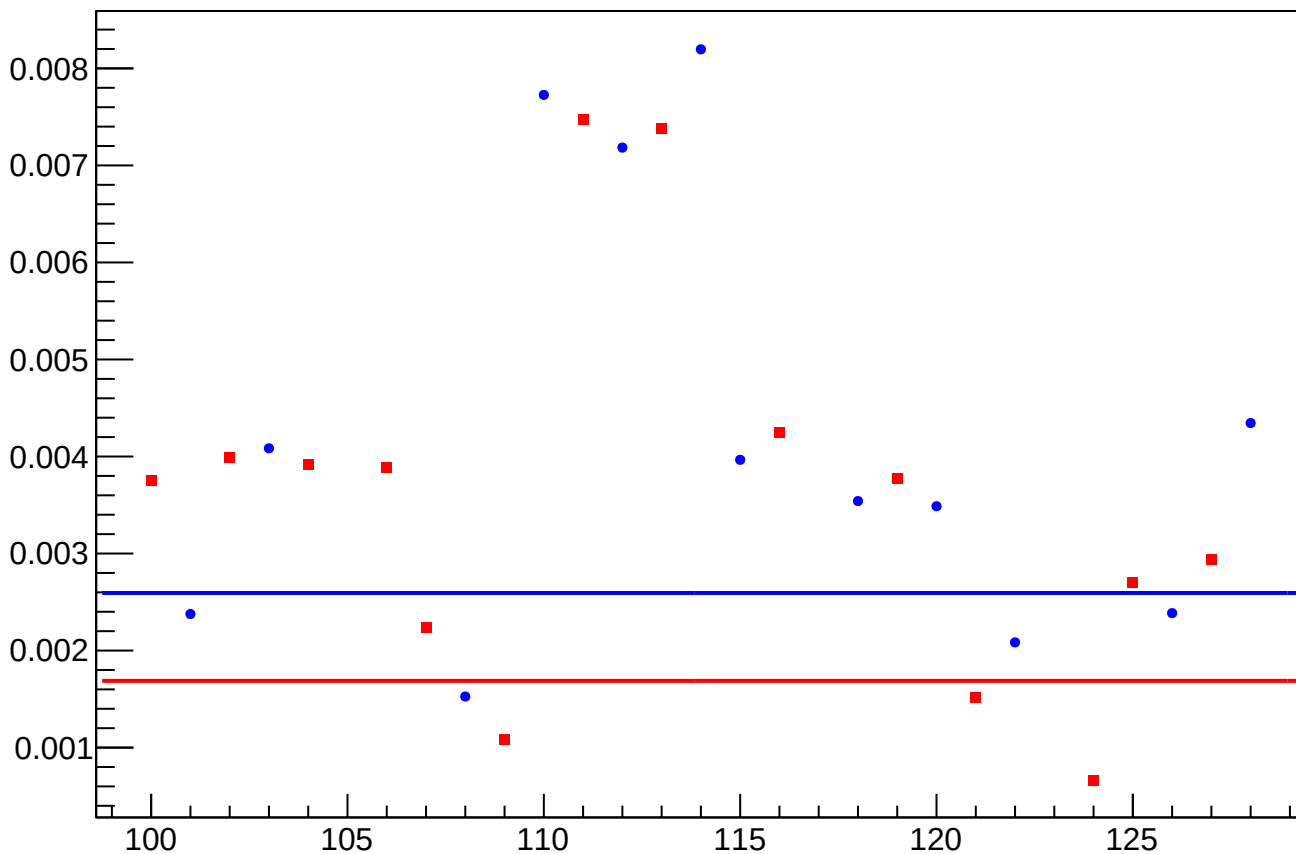
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 28.3/25

- 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 : 1776508.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3934768.8/13

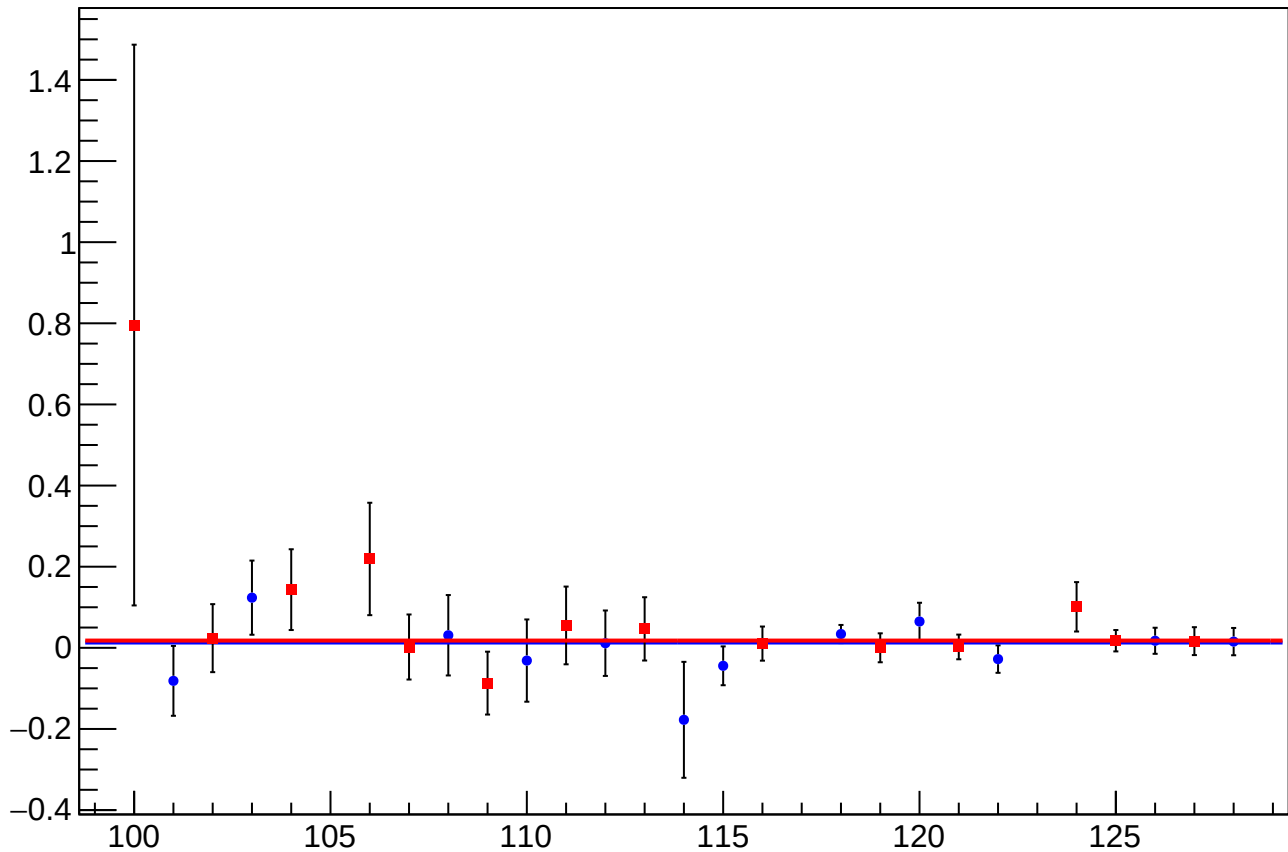
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6364920.2/25

- 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: 0.013 $\pm$ 0.013 χ^2 /NDF: 9.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.018 $\pm$ 0.013 χ^2 /NDF: 9.5/13

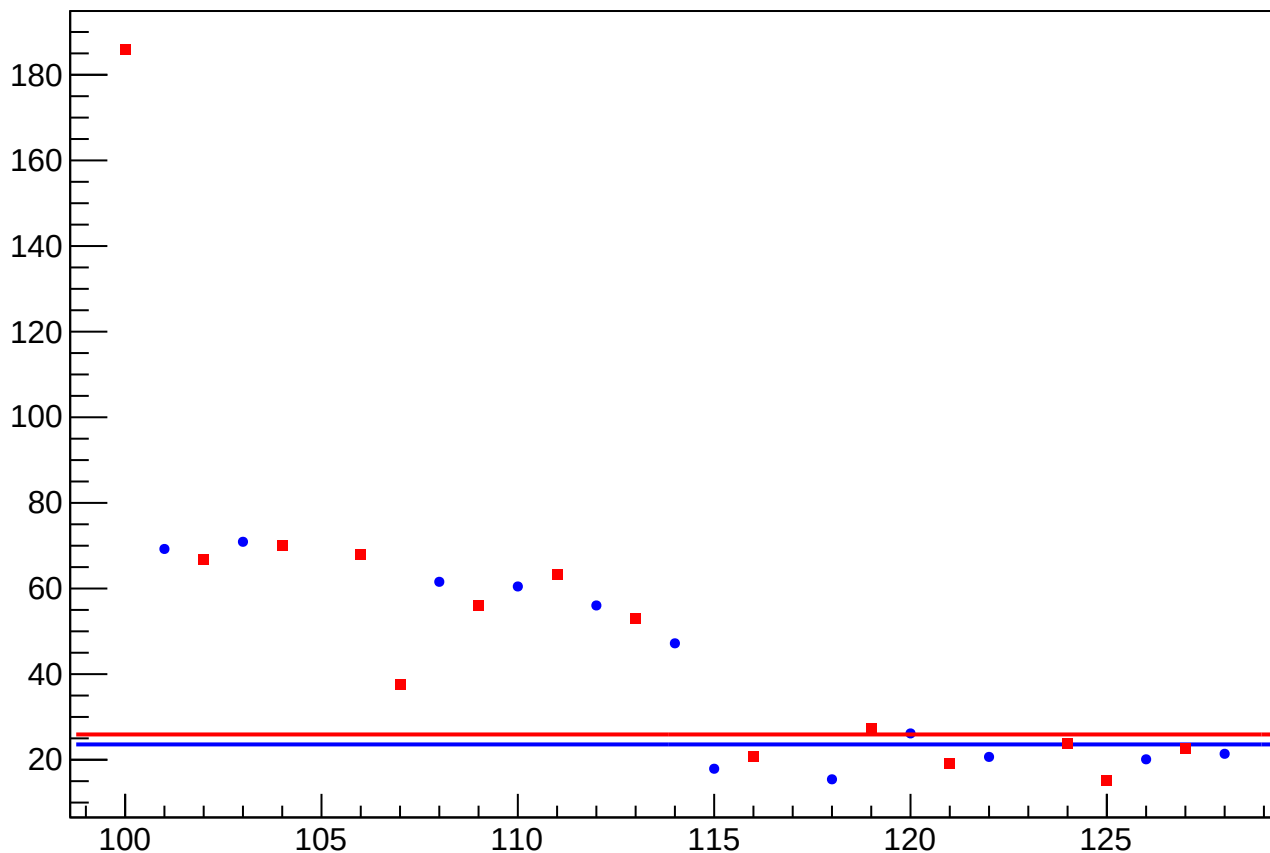
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.015 $\pm$ 0.009 χ^2 /NDF: 19.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 23.583+/-0.009 χ^2/NDF : 2382121.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.911+/-0.009 χ^2/NDF : 2537893.9/13

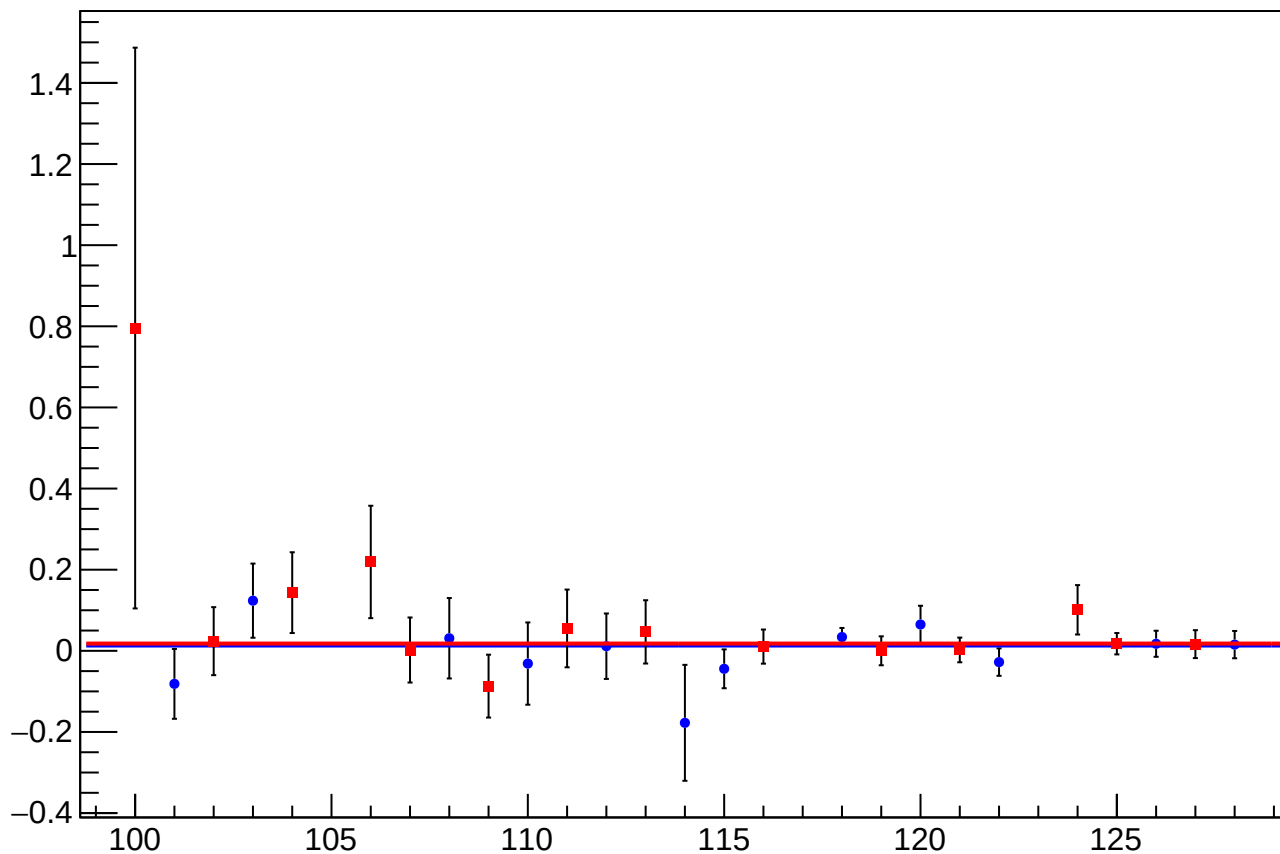
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.708+/-0.006 χ^2/NDF : 4952957.3/25

- 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: 0.013 $\pm$ 0.013 χ^2 /NDF: 9.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.018 $\pm$ 0.013 χ^2 /NDF: 9.5/13

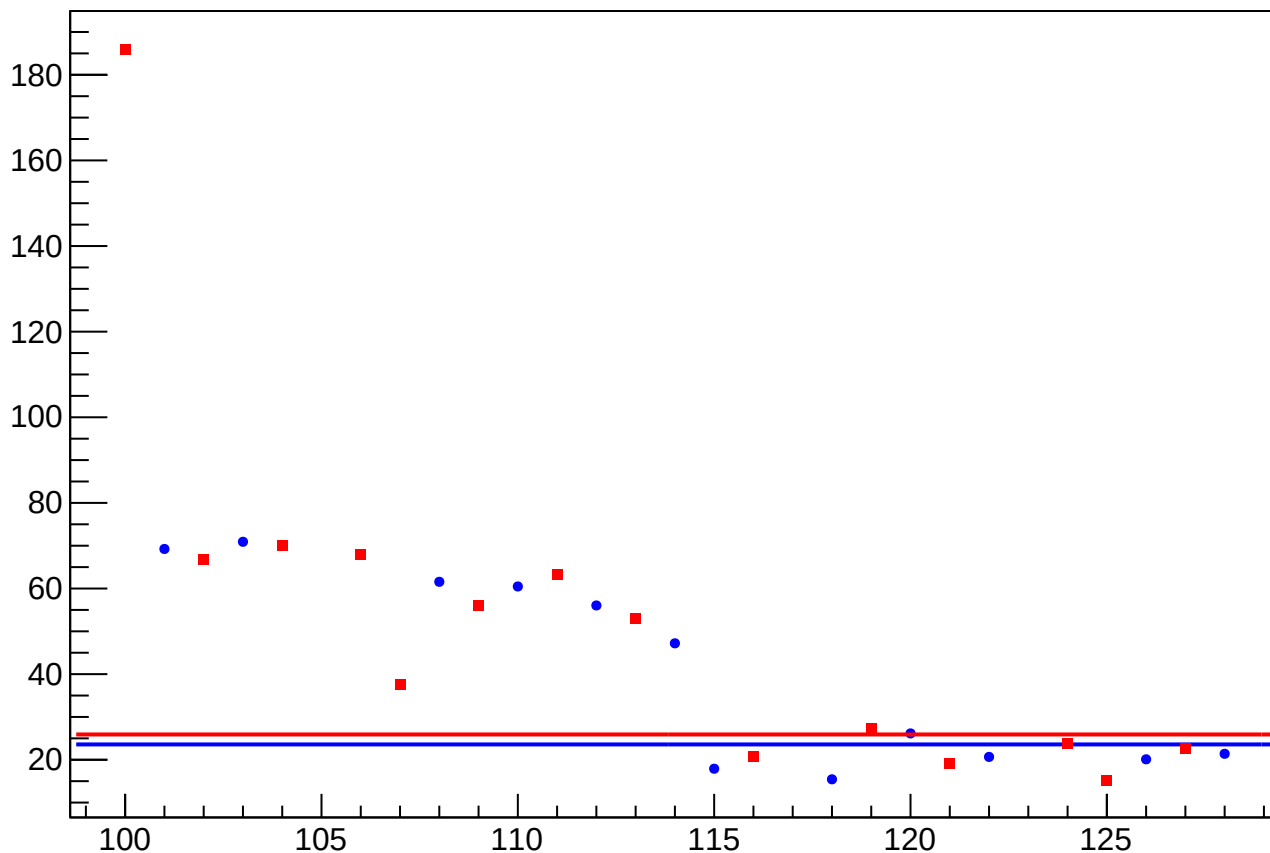
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.015 $\pm$ 0.009 χ^2 /NDF: 19.3/25

- 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: 23.583+/-0.009 χ^2/NDF : 2382121.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.911+/-0.009 χ^2/NDF : 2537893.9/13

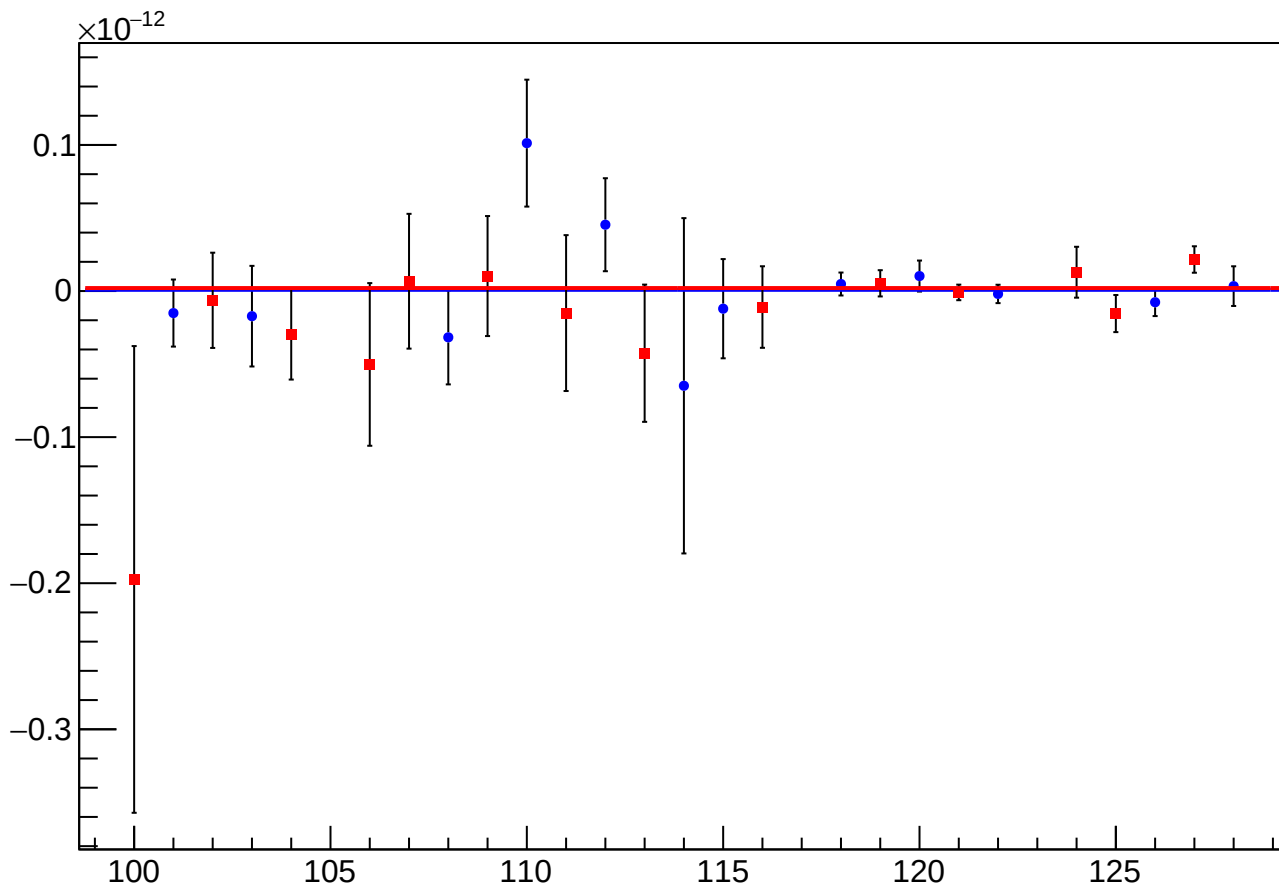
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.708+/-0.006 χ^2/NDF : 4952957.3/25

- 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 : 11.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.2/13

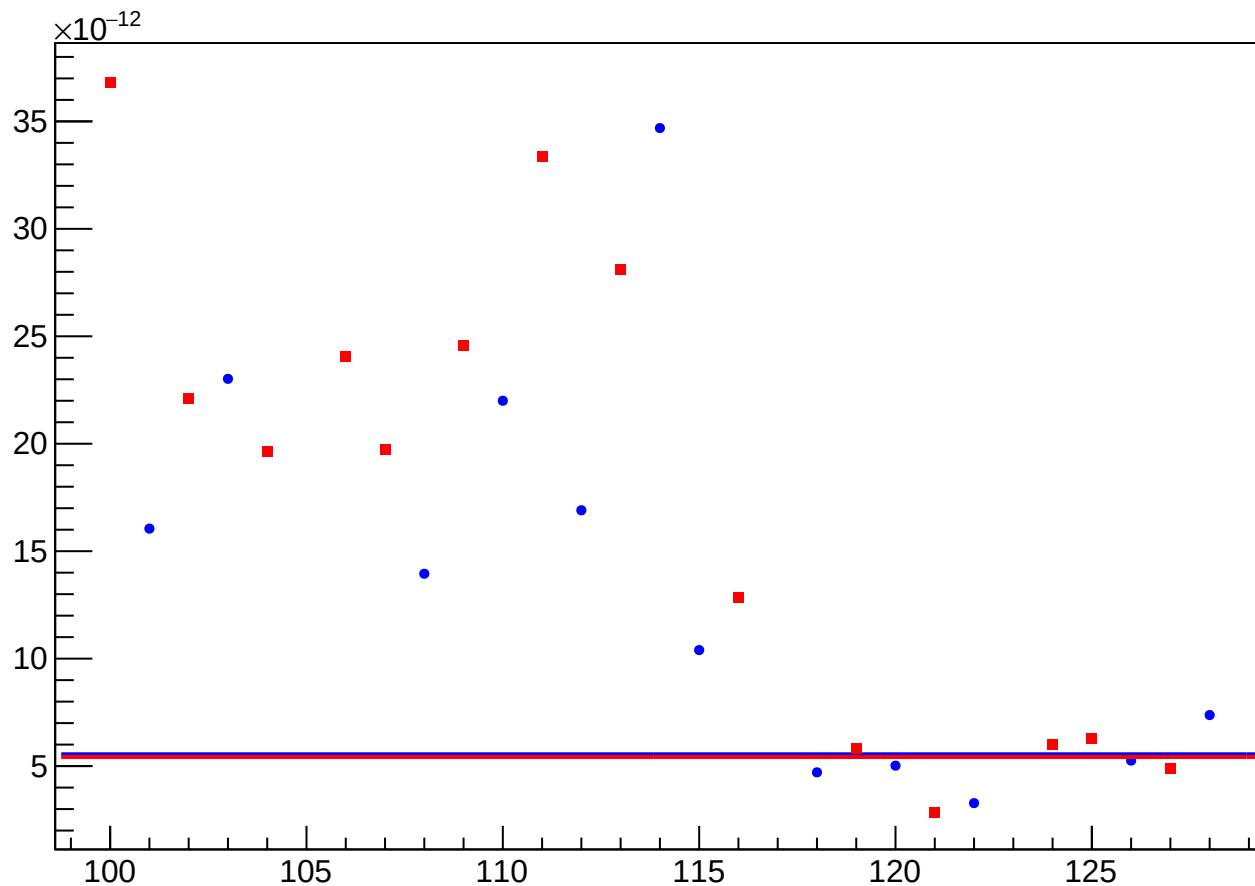
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.9/25

- 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 : 2106872.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3523385.2/13

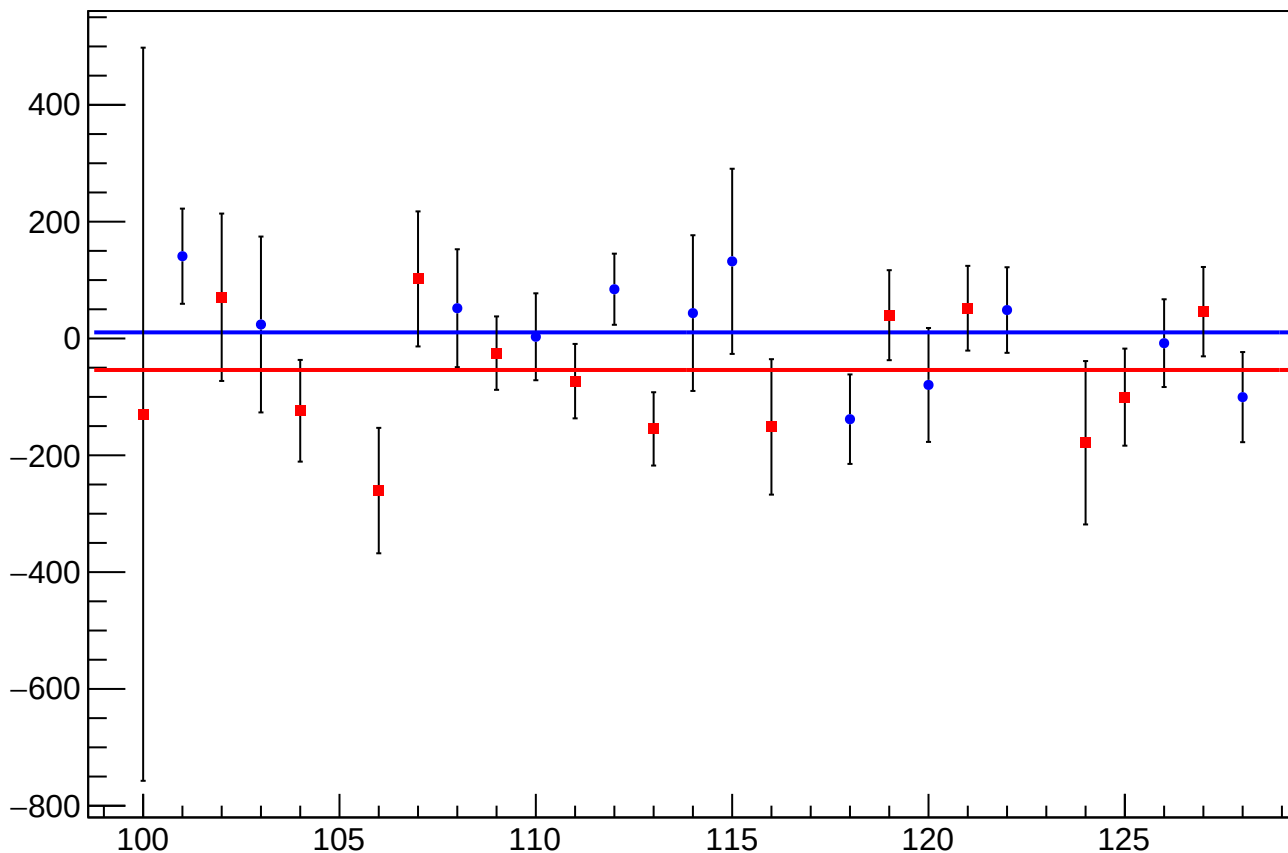
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5631430.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_mean vs Slug



Right In: 10.468+/-24.646 χ^2/NDF : 11.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -53.913+/-22.955 χ^2/NDF : 16.9/13

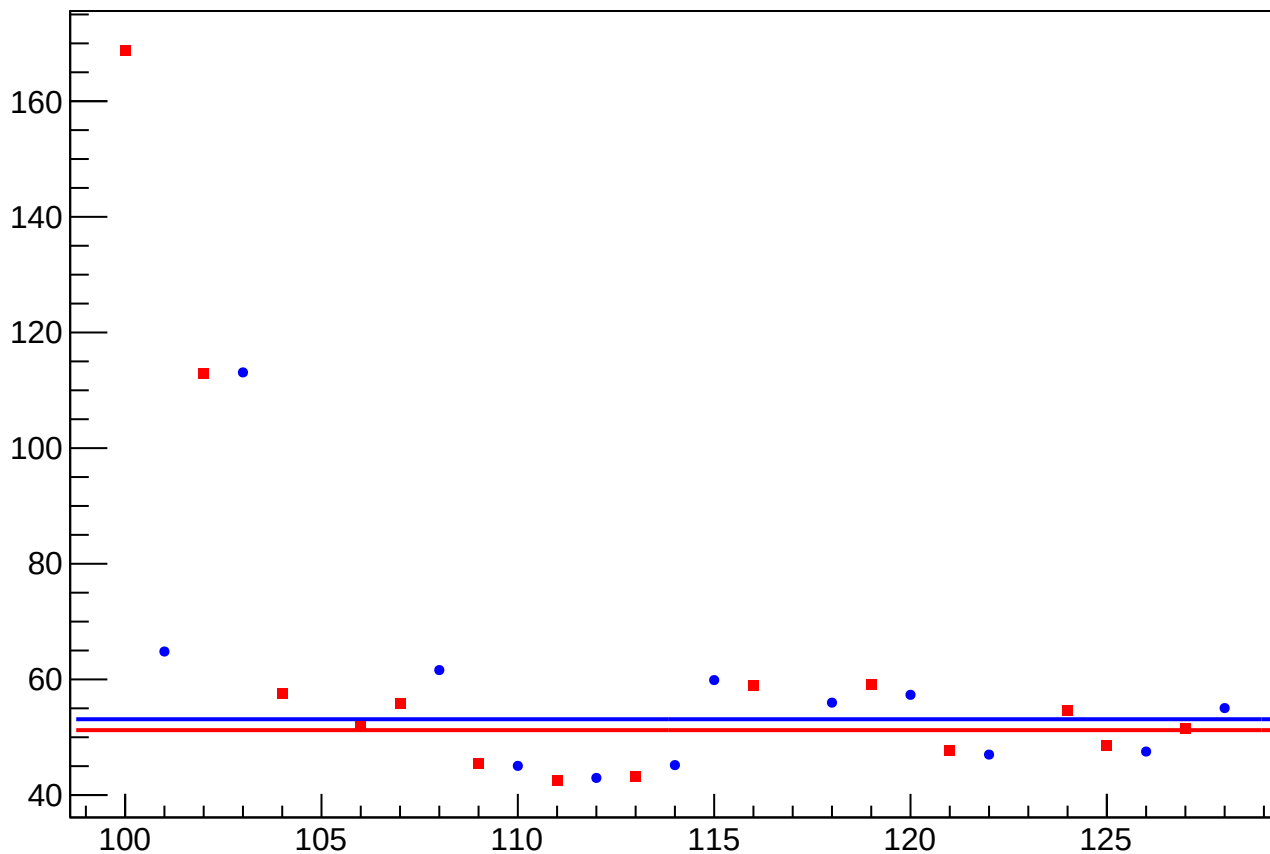
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.006+/-16.798 χ^2/NDF : 32.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_rms vs Slug



Right In: 53.117+/-0.017 χ^2/NDF : 495552.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.229+/-0.016 χ^2/NDF : 580253.3/13

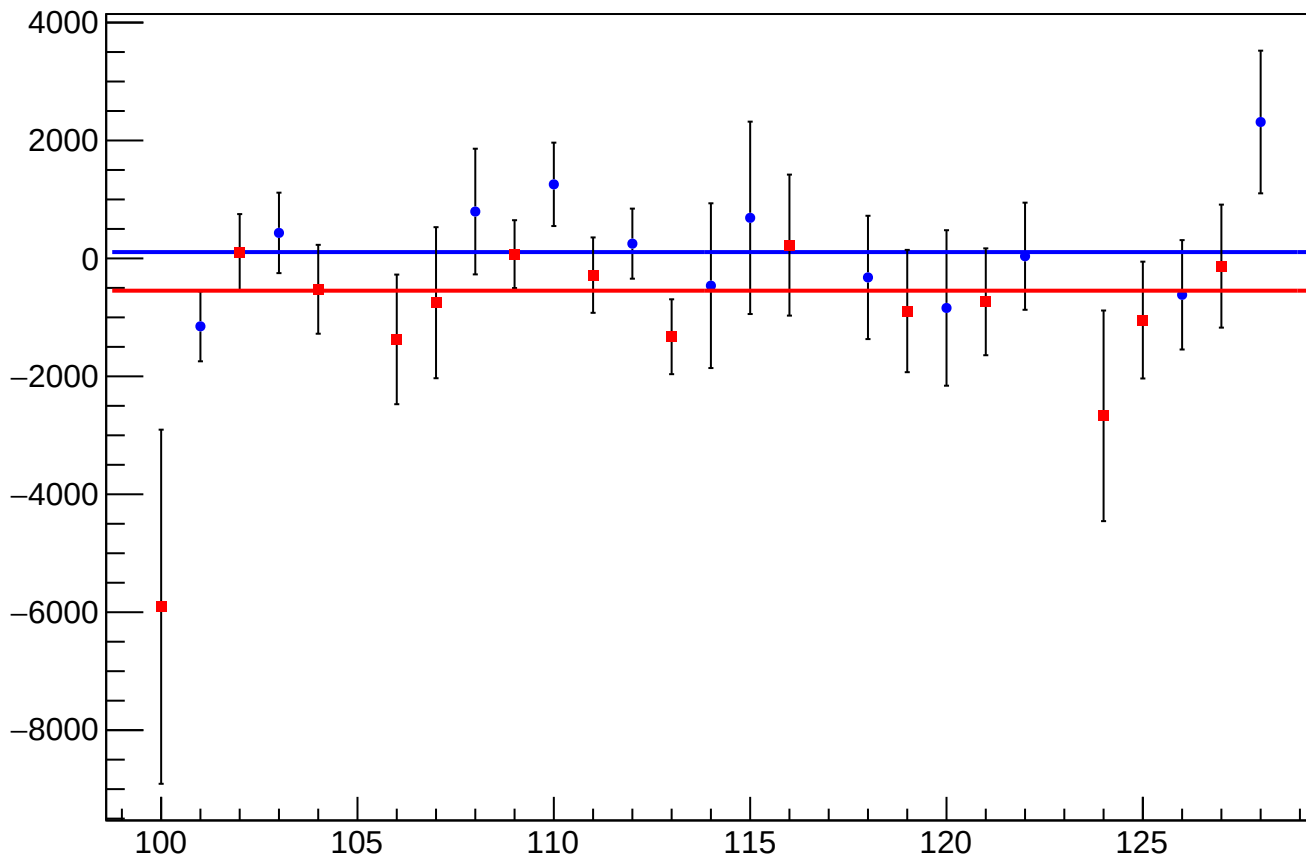
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.106+/-0.012 χ^2/NDF : 1082087.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_reg_correction_mean vs Slug



Right In: 107.465+/-248.942 χ^2/NDF : 12.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -547.210+/-230.829 χ^2/NDF : 10.1/13

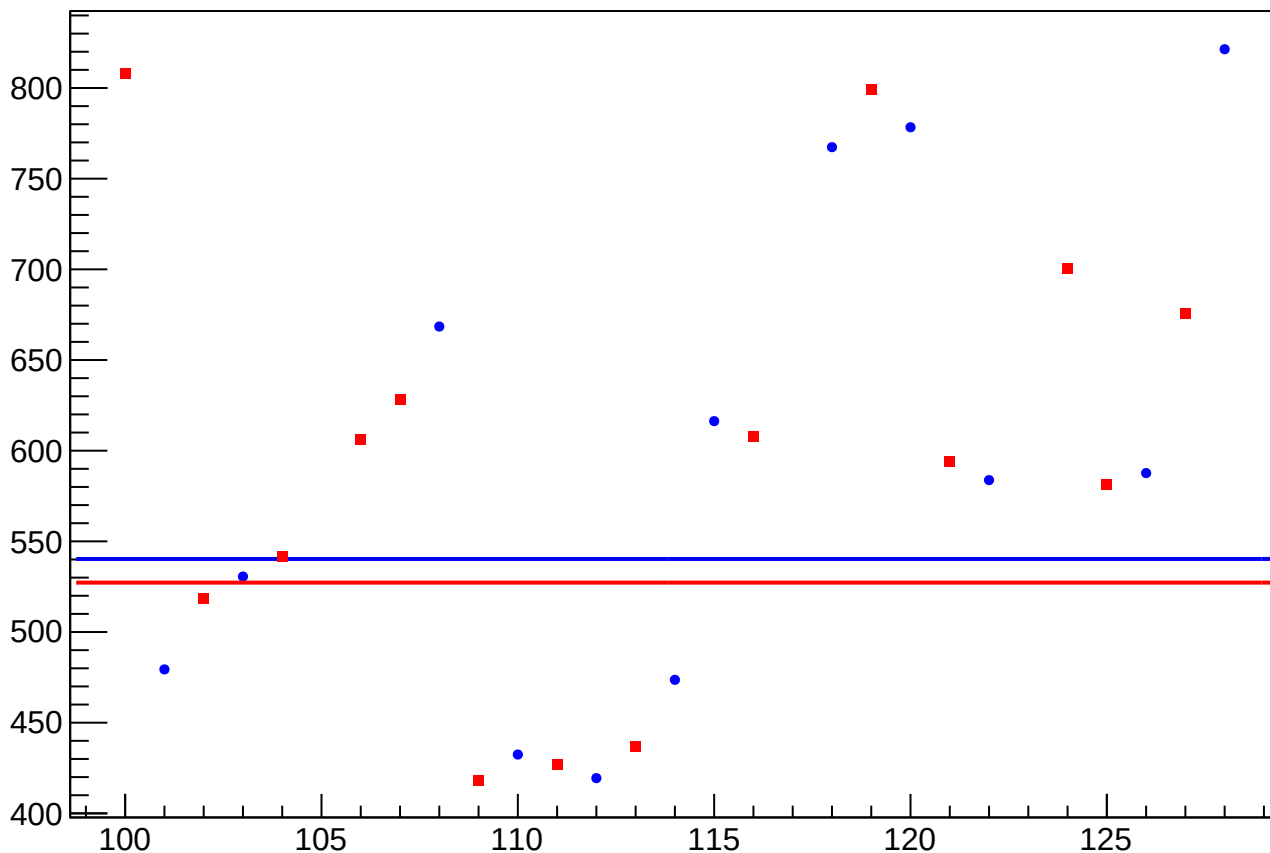
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -244.554+/-169.262 χ^2/NDF : 26.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_reg_correction_rms vs Slug



Right In: 540.293+/-0.176 χ^2/NDF : 465869.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 527.249+/-0.163 χ^2/NDF : 425436.6/13

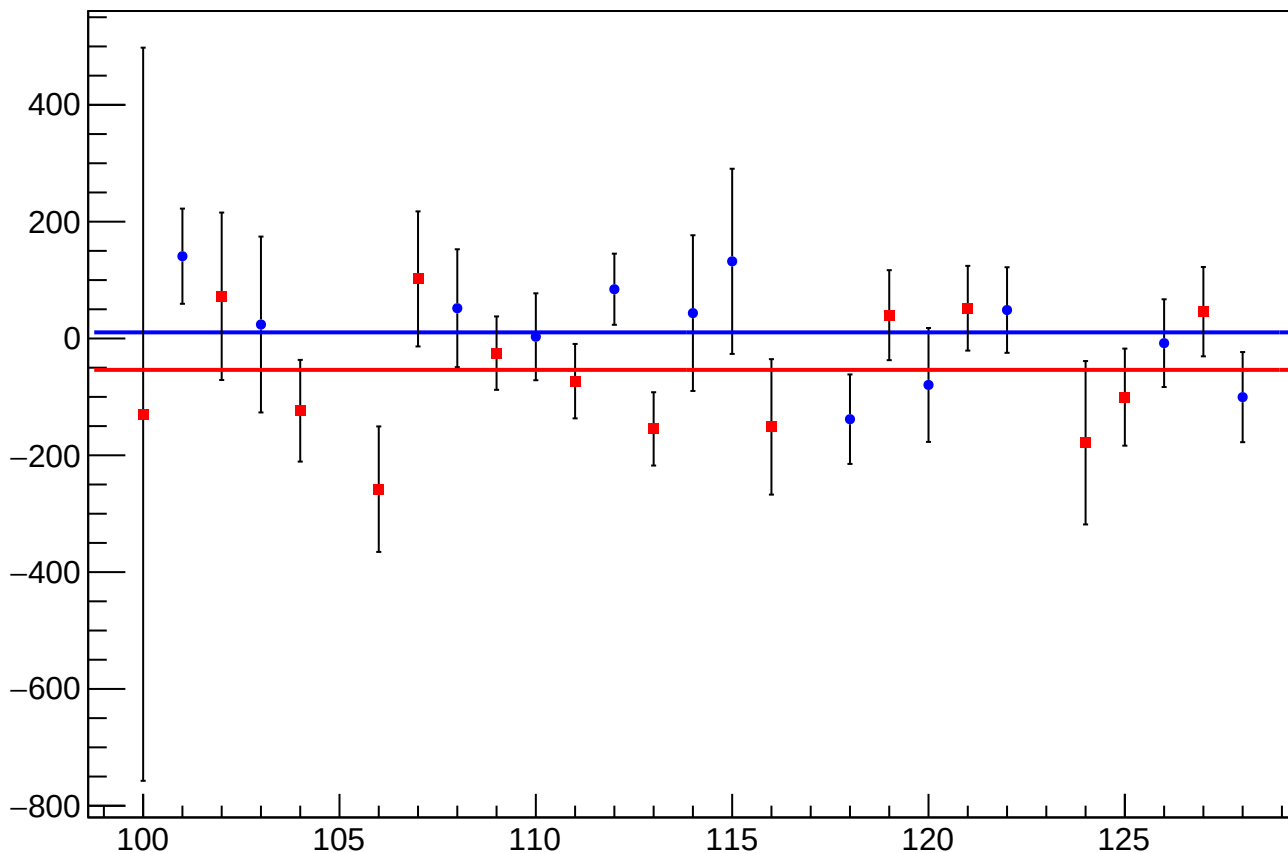
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 533.279+/-0.120 χ^2/NDF : 894258.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_1357_avg_mean vs Slug



Right In: 10.462 $\pm$ 24.646 χ^2 /NDF: 11.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -53.750 $\pm$ 22.956 χ^2 /NDF: 16.9/13

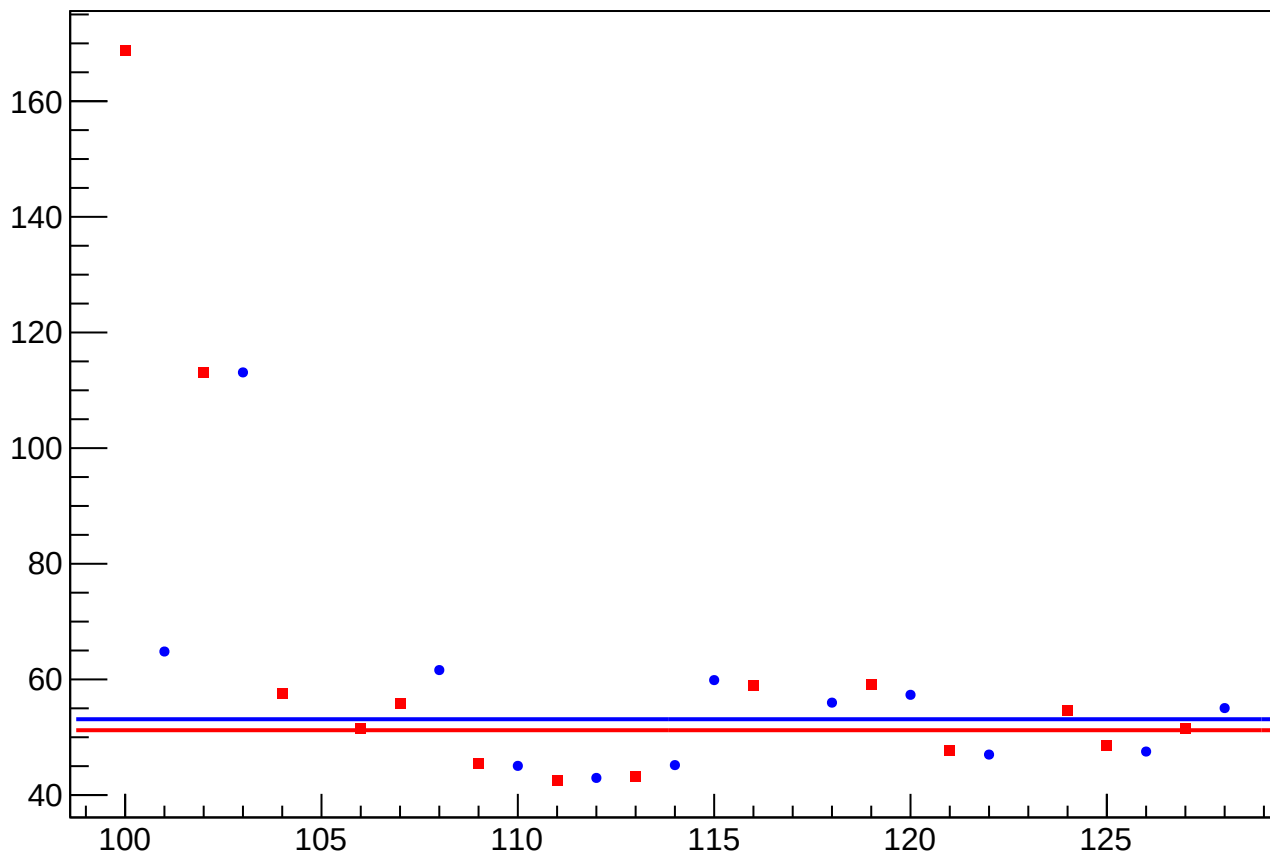
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -23.920 $\pm$ 16.798 χ^2 /NDF: 32.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_1357_avg_rms vs Slug



Right In: 53.117 $\pm$ 0.017 χ^2 /NDF: 495554.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 51.215 $\pm$ 0.016 χ^2 /NDF: 580438.5/13

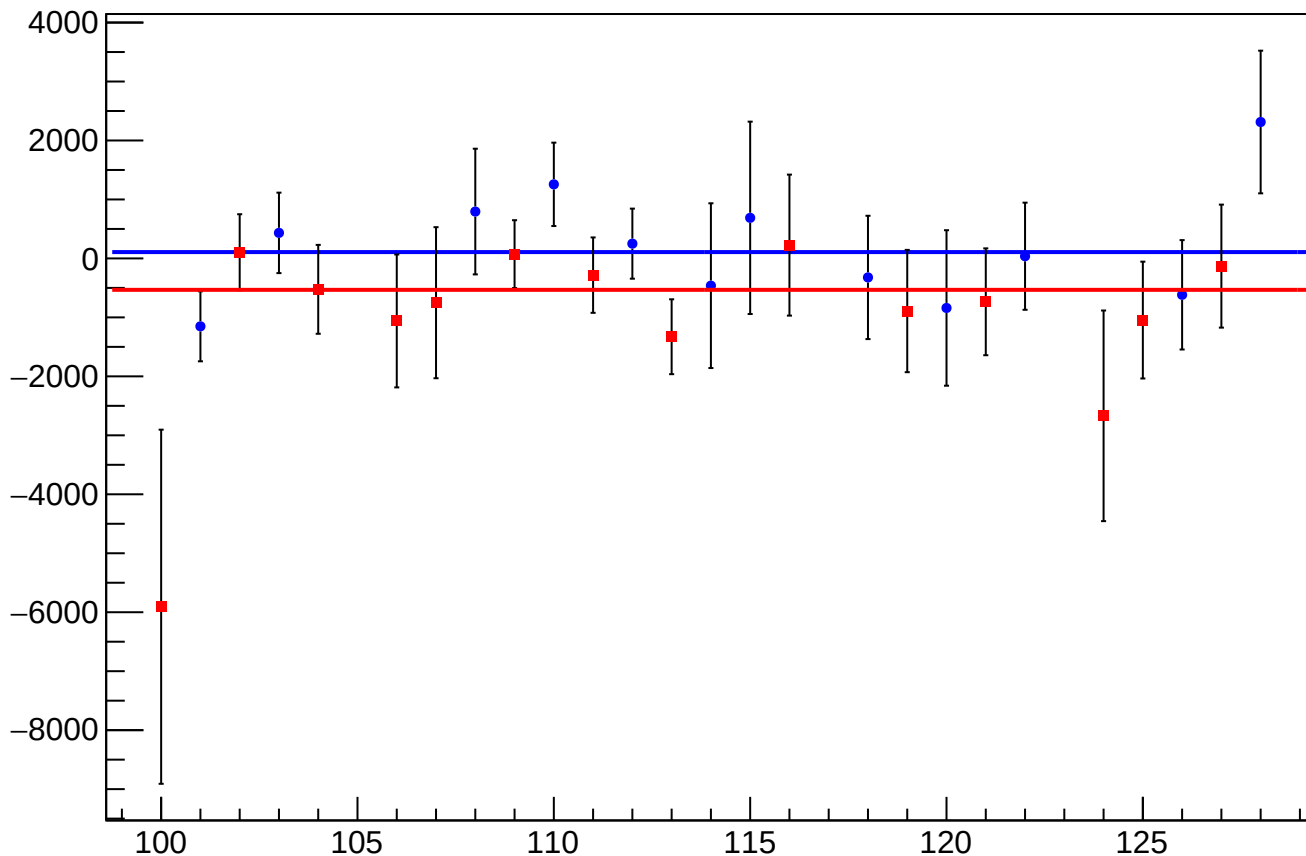
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 52.098 $\pm$ 0.012 χ^2 /NDF: 1082369.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_cor_correction_mean vs Slug



Right In: 107.504 $\pm$ 248.946 χ^2 /NDF: 12.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -532.864 $\pm$ 231.109 χ^2 /NDF: 9.7/13

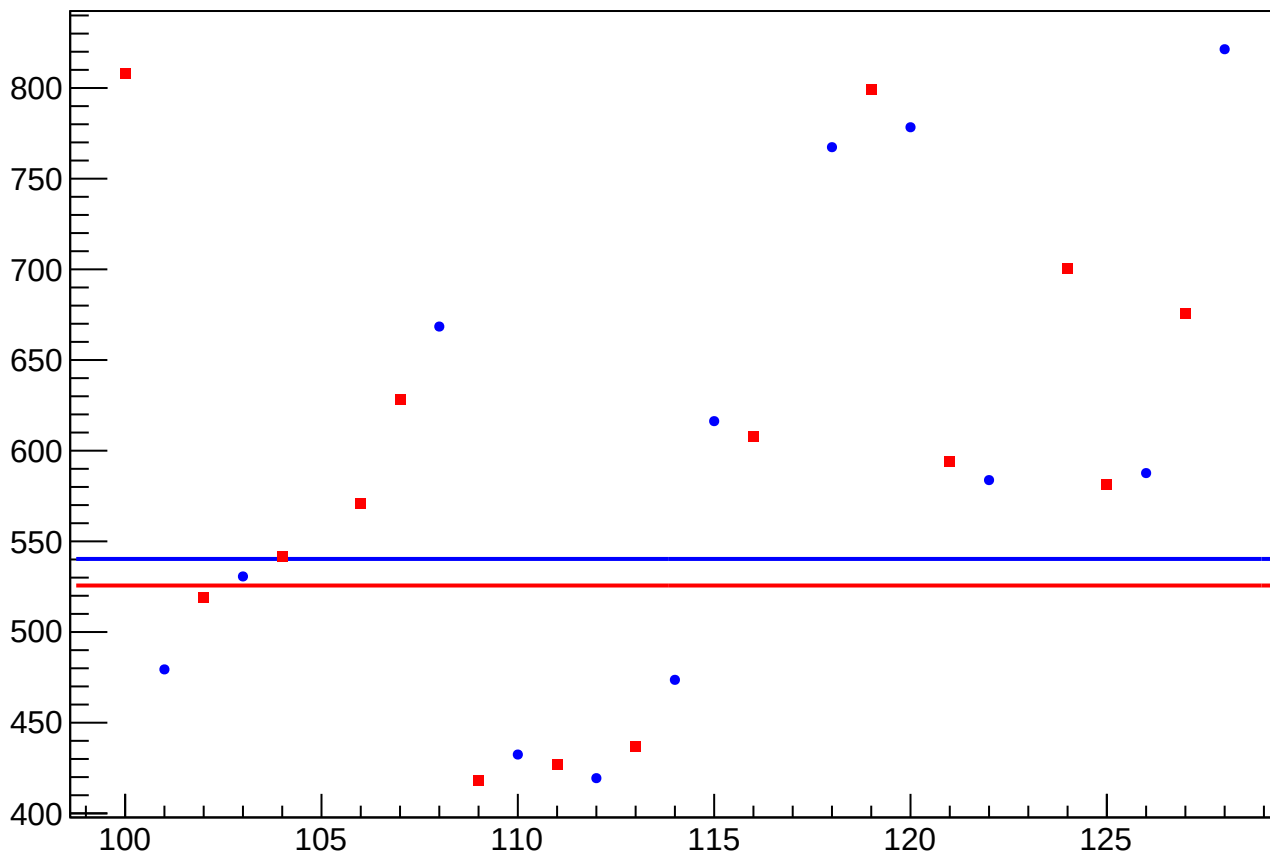
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -236.442 $\pm$ 169.374 χ^2 /NDF: 26.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_cor_correction_rms vs Slug



Right In: 540.301+/-0.176 χ^2/NDF : 465864.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 525.650+/-0.163 χ^2/NDF : 417965.0/13

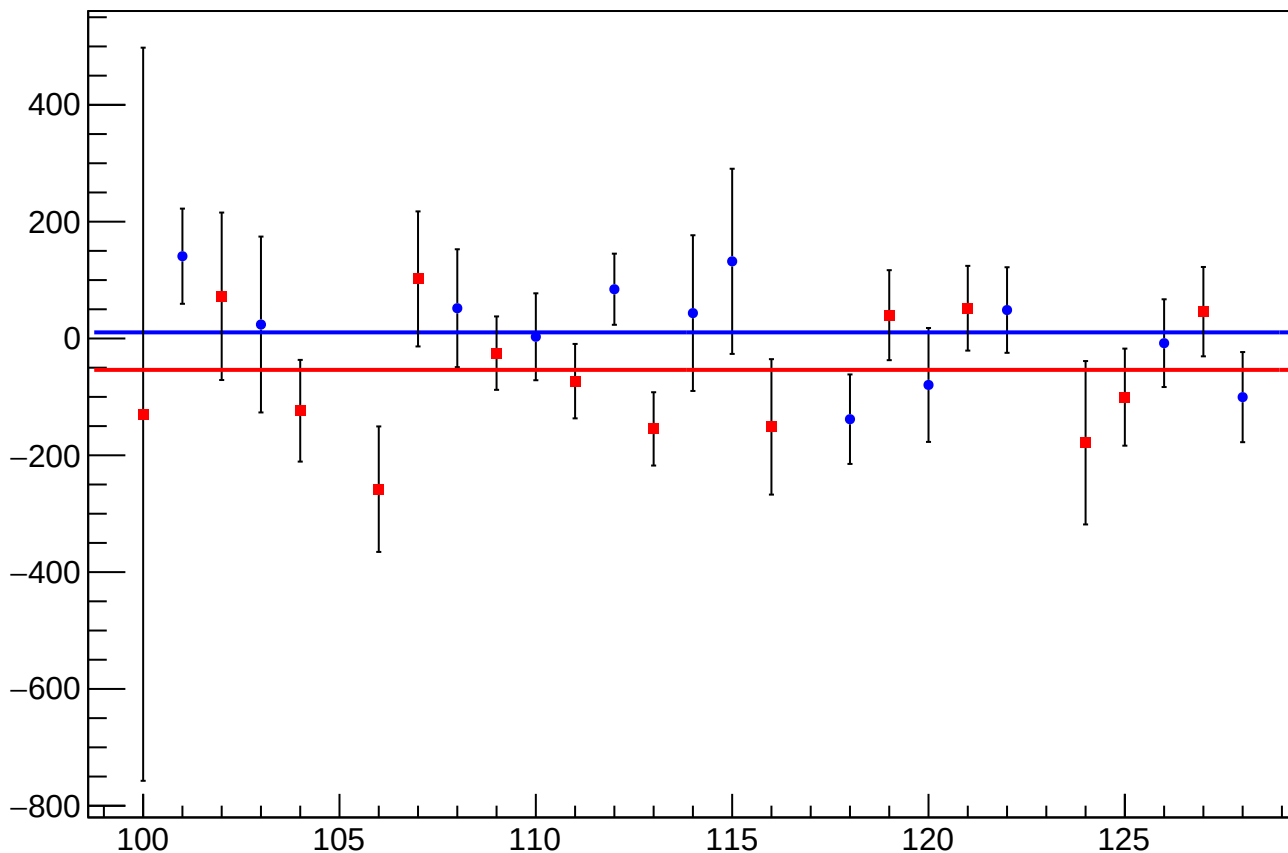
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 532.432+/-0.120 χ^2/NDF : 887549.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_1357_avg_mean vs Slug



Right In: 10.462 $\pm$ 24.646 χ^2 /NDF: 11.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -53.750 $\pm$ 22.956 χ^2 /NDF: 16.9/13

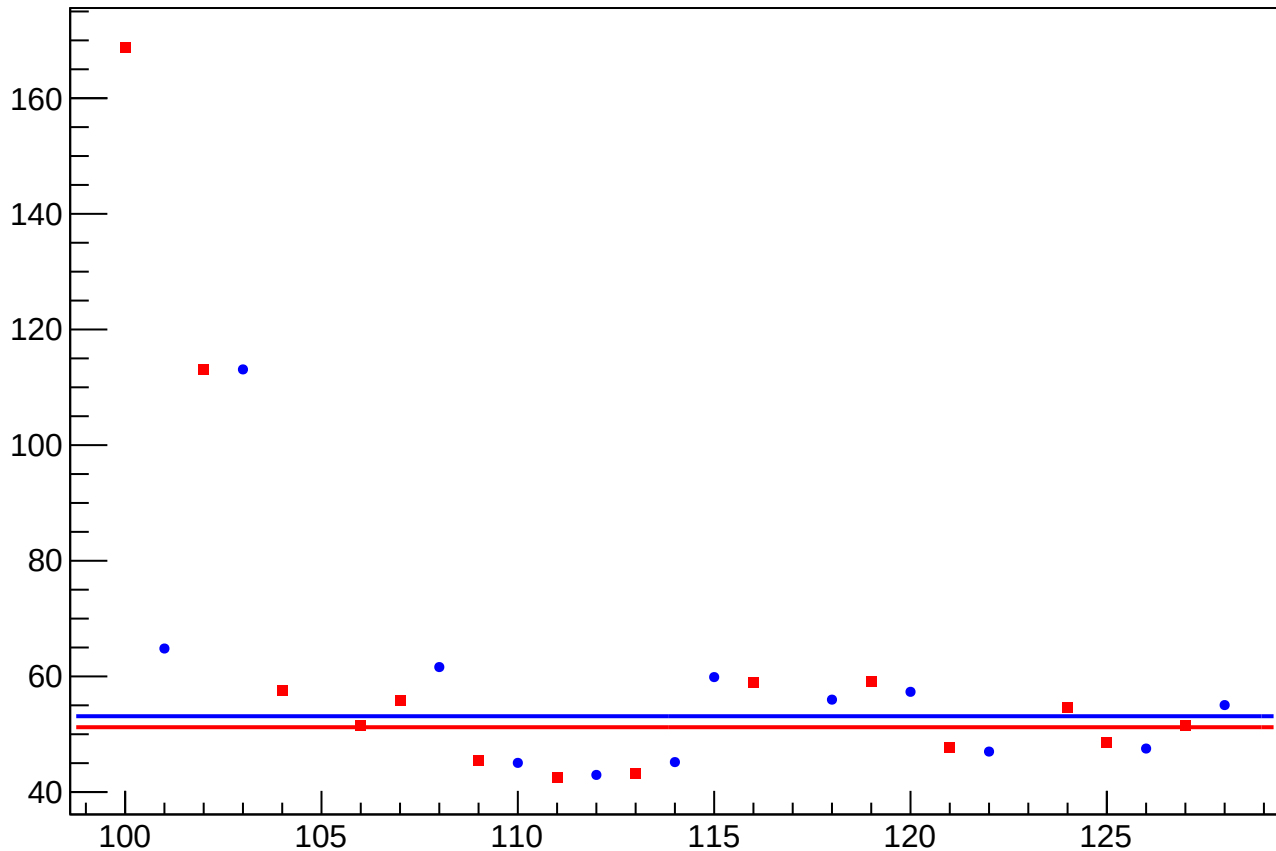
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -23.920 $\pm$ 16.798 χ^2 /NDF: 32.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_1357_avg_rms vs Slug



Right In: 53.117 $\pm$ 0.017 χ^2 /NDF: 495554.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 51.215 $\pm$ 0.016 χ^2 /NDF: 580438.5/13

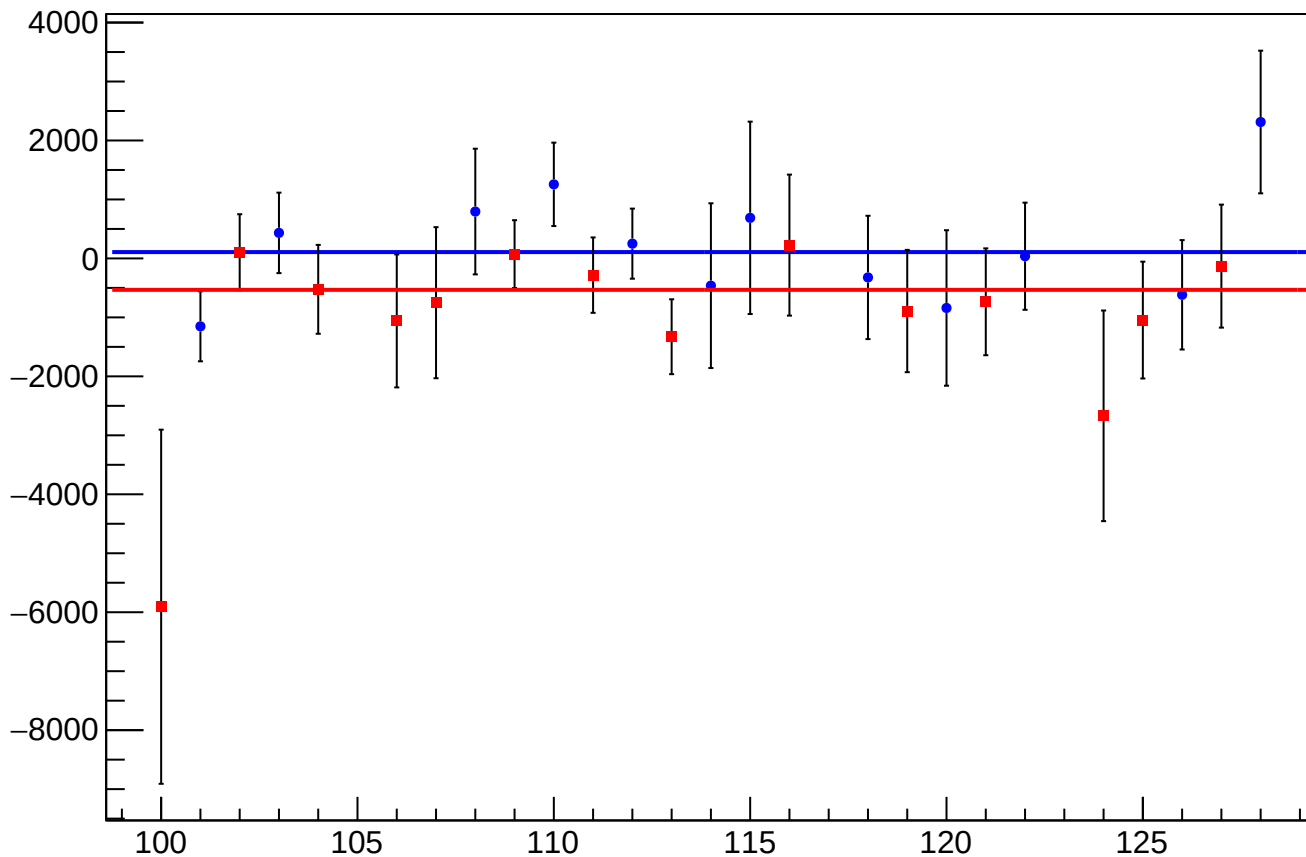
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 52.098 $\pm$ 0.012 χ^2 /NDF: 1082369.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_cor_correction_mean vs Slug



Right In: 107.504+/-248.946 χ^2/NDF : 12.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -532.864+/-231.109 χ^2/NDF : 9.7/13

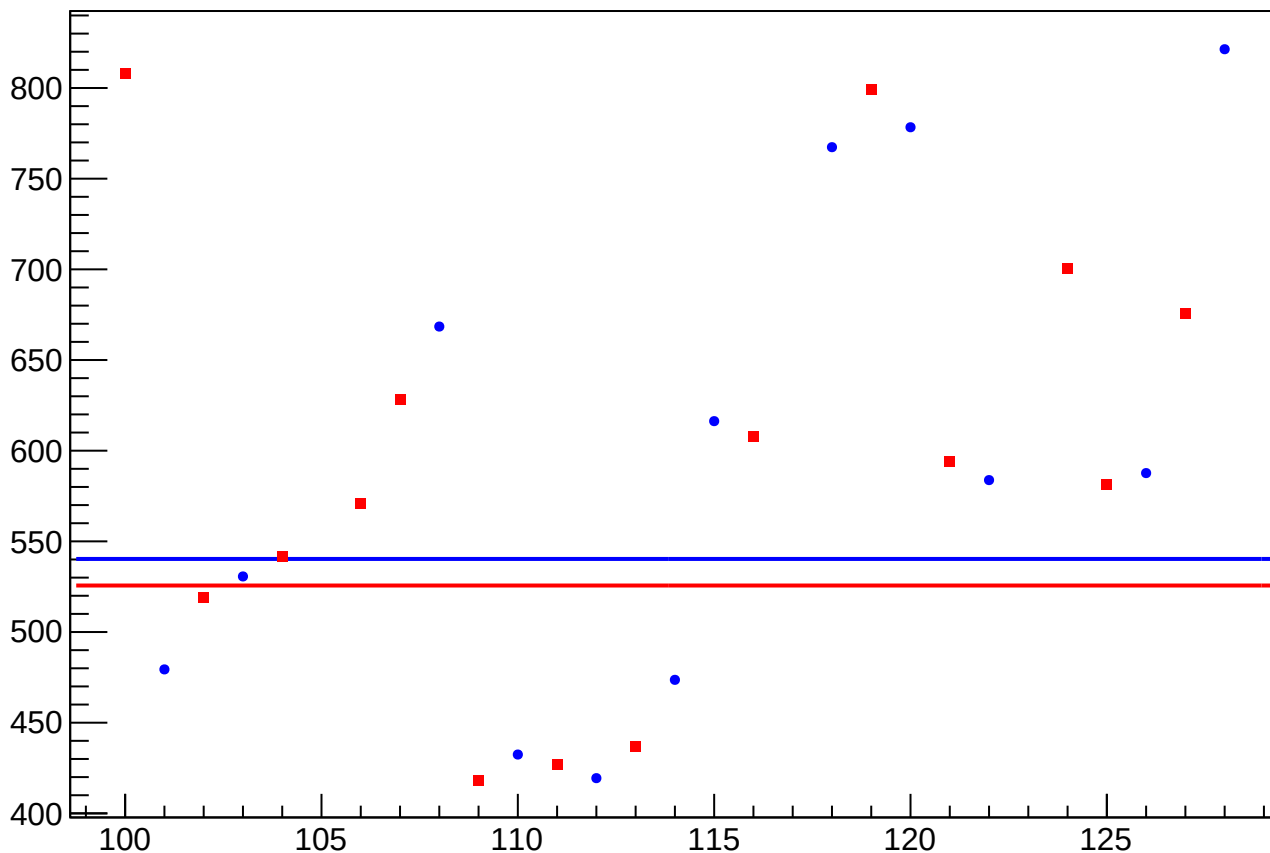
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -236.442+/-169.374 χ^2/NDF : 26.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_eigen_cor_correction_rms vs Slug



Right In: 540.301+/-0.176 χ^2/NDF : 465864.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 525.650+/-0.163 χ^2/NDF : 417965.0/13

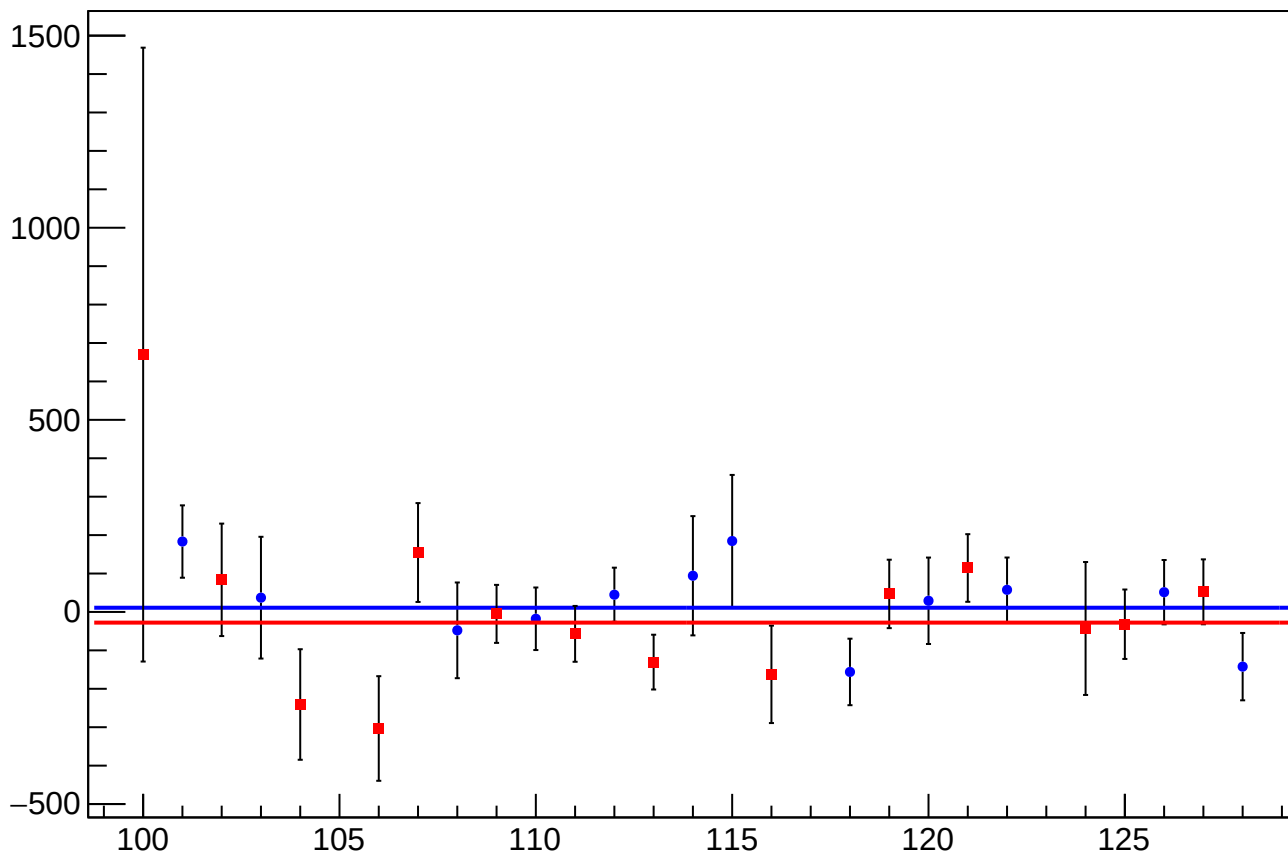
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 532.432+/-0.120 χ^2/NDF : 887549.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_avg_mean vs Slug



Right In: 10.986 $\pm$ 28.042 χ^2 /NDF: 12.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -27.777 $\pm$ 26.862 χ^2 /NDF: 17.3/13

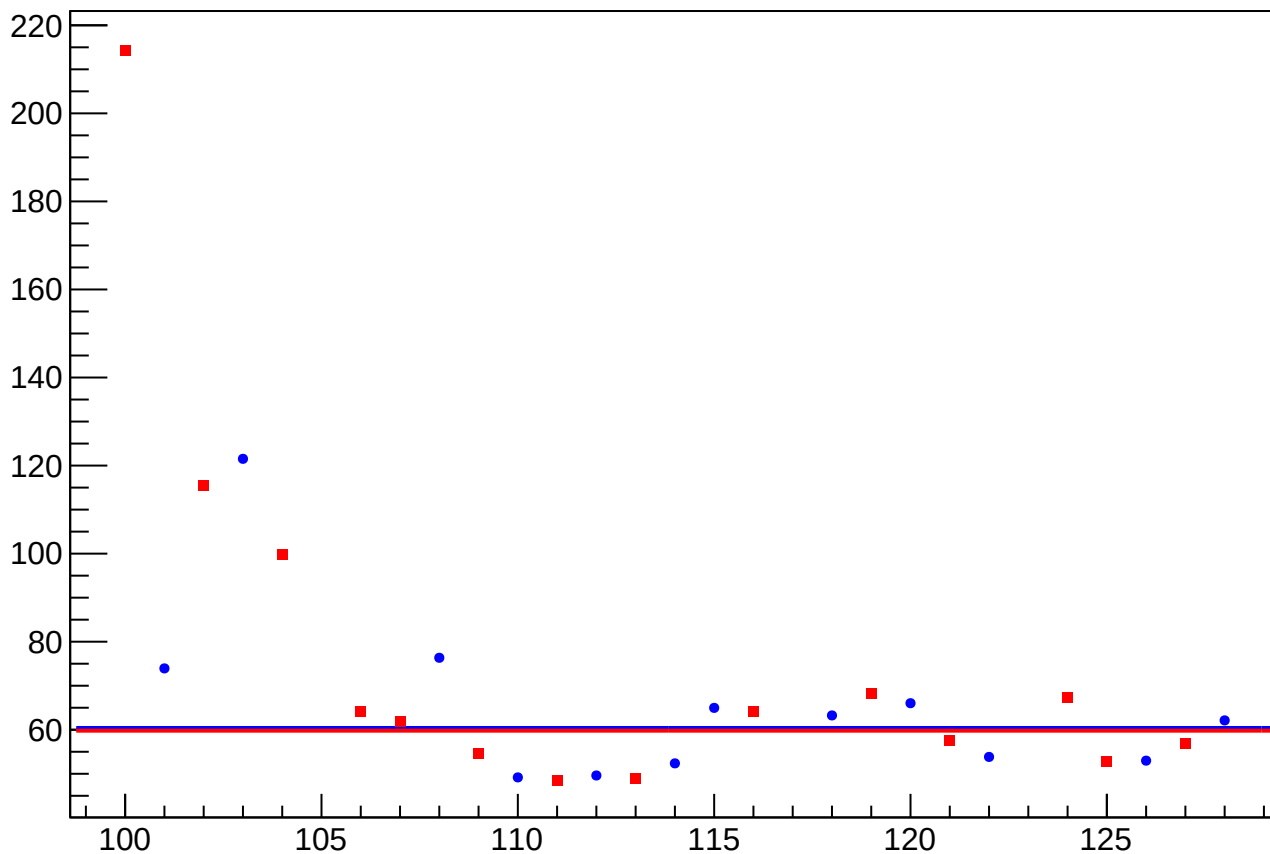
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -9.229 $\pm$ 19.398 χ^2 /NDF: 30.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_1357_avg_rms vs Slug



Right In: 60.403+/-0.020 χ^2/NDF : 499387.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.795+/-0.019 χ^2/NDF : 666409.0/13

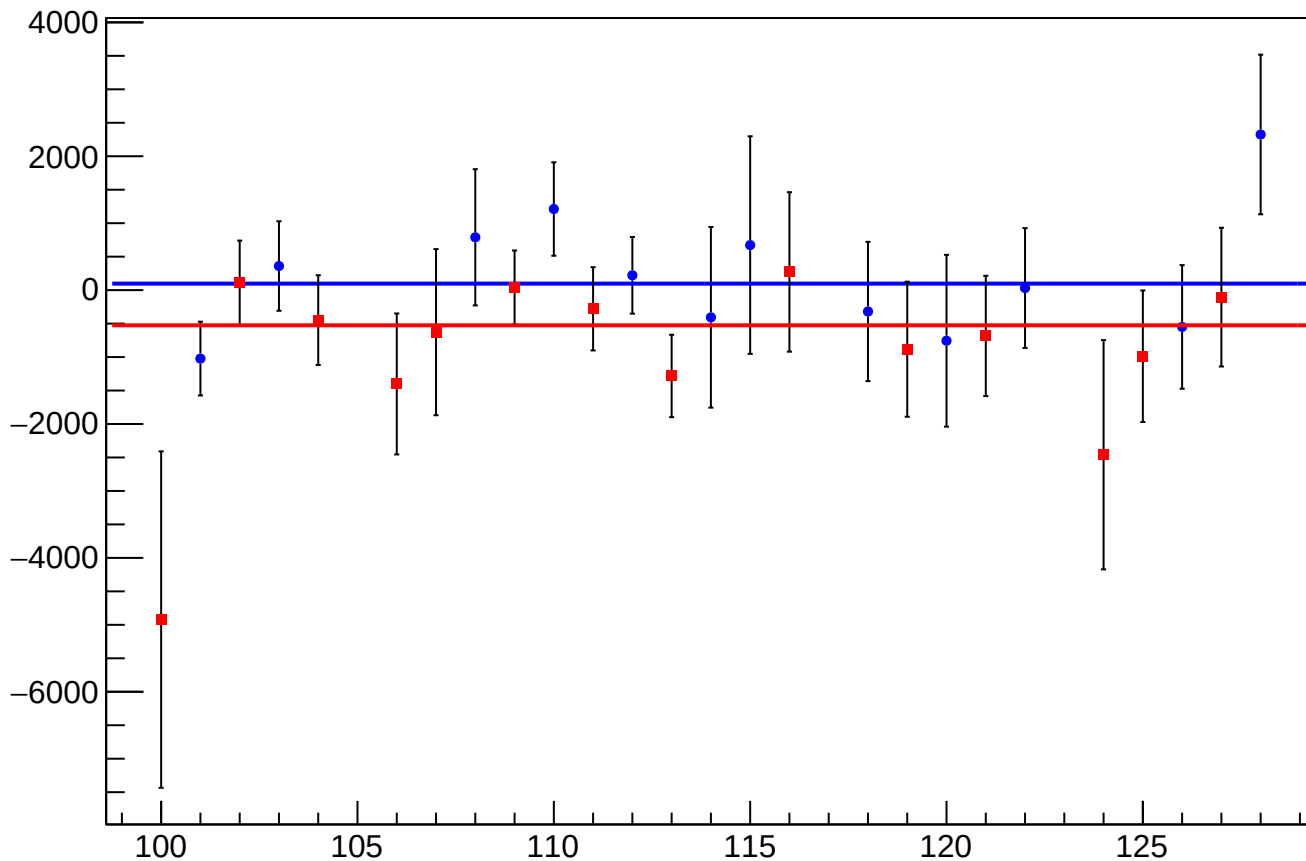
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.086+/-0.014 χ^2/NDF : 1166287.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_dit_correction_mean vs Slug



Right In: 97.285+/-241.288 χ^2/NDF : 12.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -525.765+/-222.476 χ^2/NDF : 9.8/13

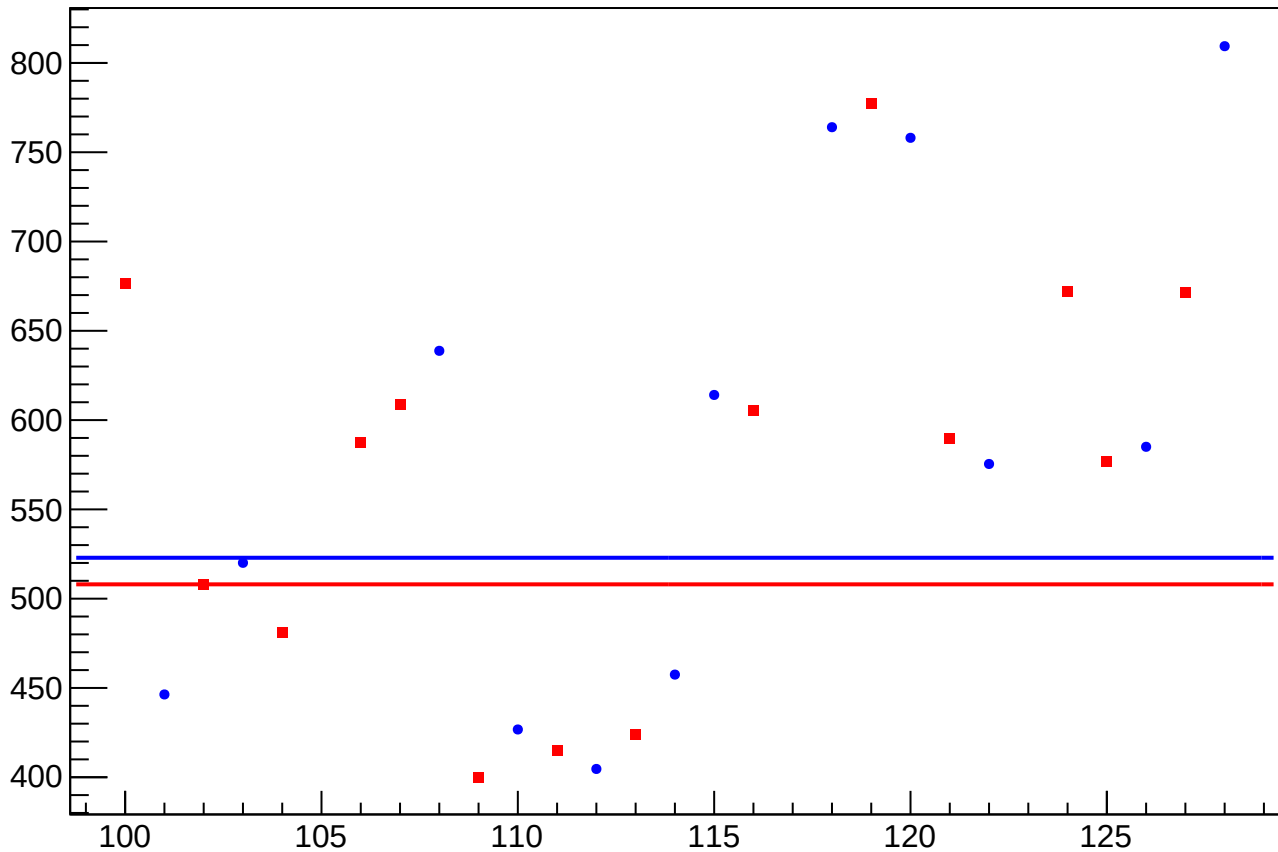
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -239.471+/-163.561 χ^2/NDF : 25.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_dit_correction_rms vs Slug



Right In: 522.911 ± 0.171 χ^2/NDF : 504695.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 508.022 ± 0.157 χ^2/NDF : 445787.1/13

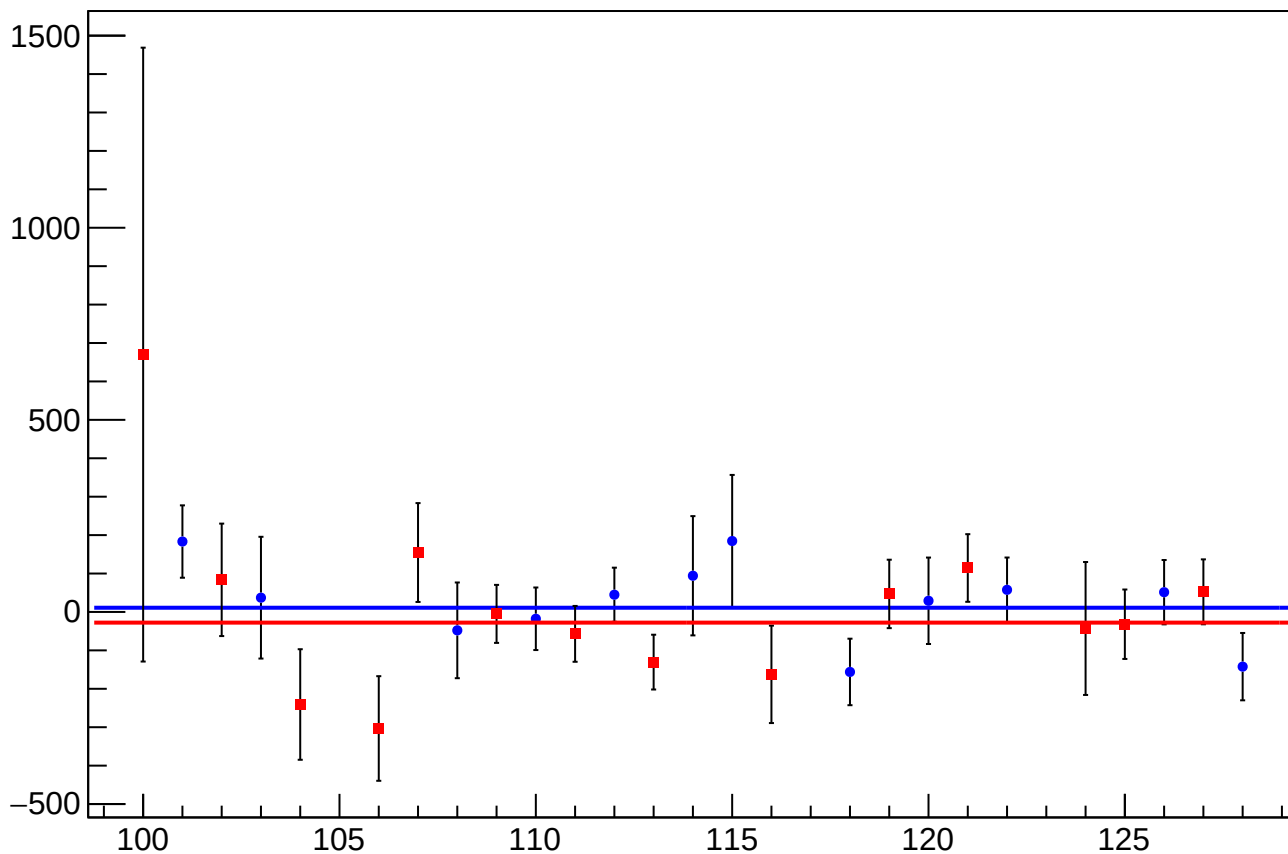
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 514.863 ± 0.116 χ^2/NDF : 954598.3/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1357_avg_mean vs Slug



Right In: 10.985 $\pm$ 28.043 χ^2 /NDF: 12.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -27.775 $\pm$ 26.862 χ^2 /NDF: 17.3/13

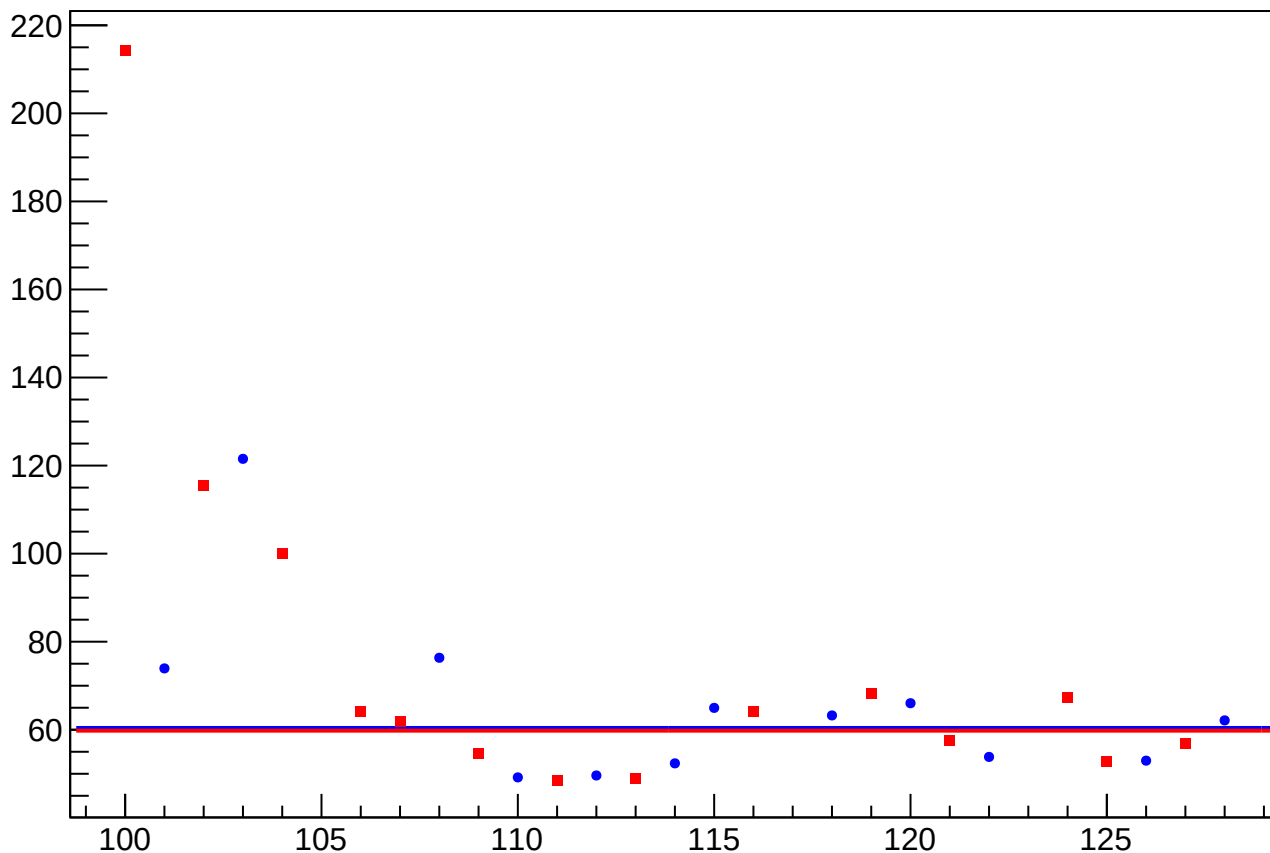
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -9.228 $\pm$ 19.398 χ^2 /NDF: 30.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_1357_avg_rms vs Slug



Right In: 60.404+/-0.020 χ^2/NDF : 499384.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.795+/-0.019 χ^2/NDF : 666407.9/13

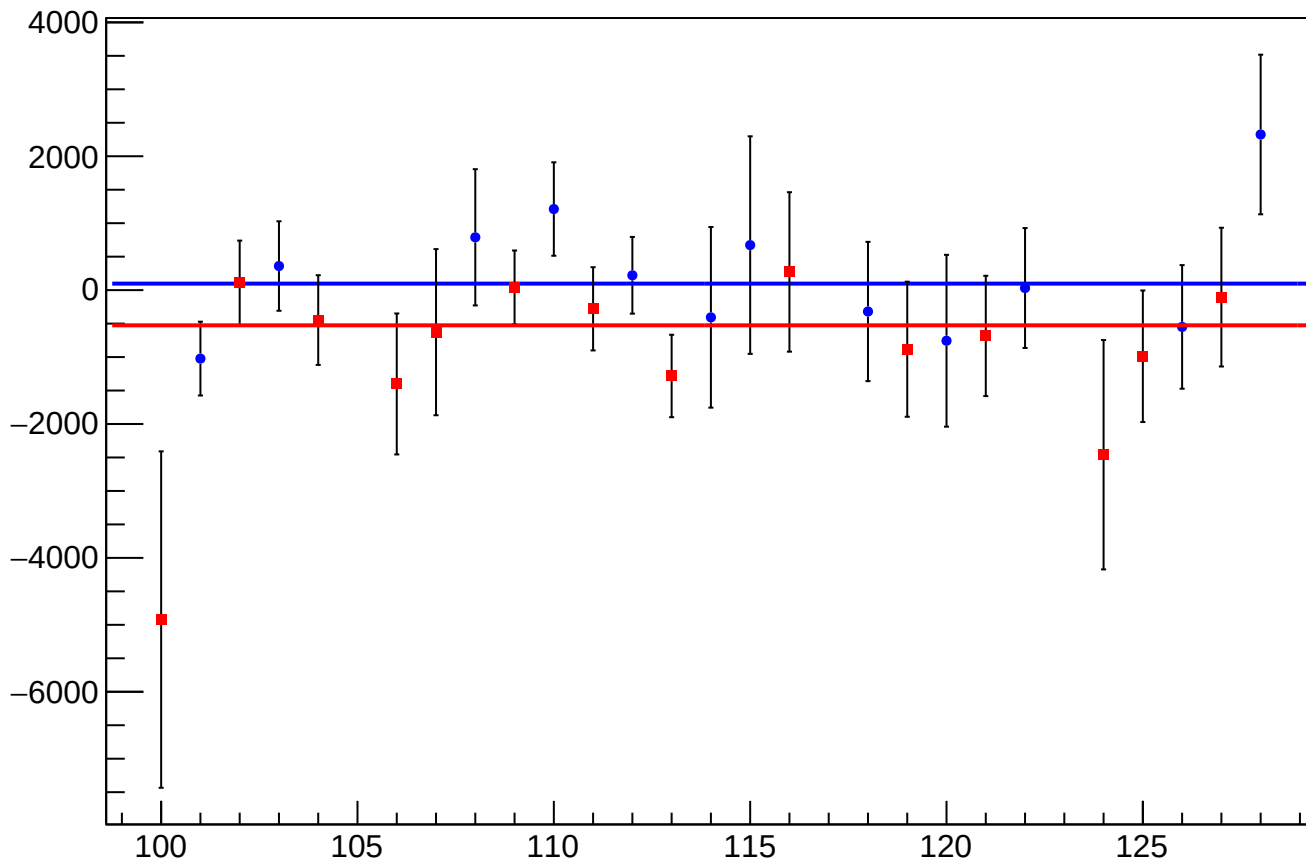
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.086+/-0.014 χ^2/NDF : 1166283.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_eigen_dit_correction_mean vs Slug



Right In: 97.285 $\pm$ 241.287 χ^2 /NDF: 12.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -525.763 $\pm$ 222.475 χ^2 /NDF: 9.8/13

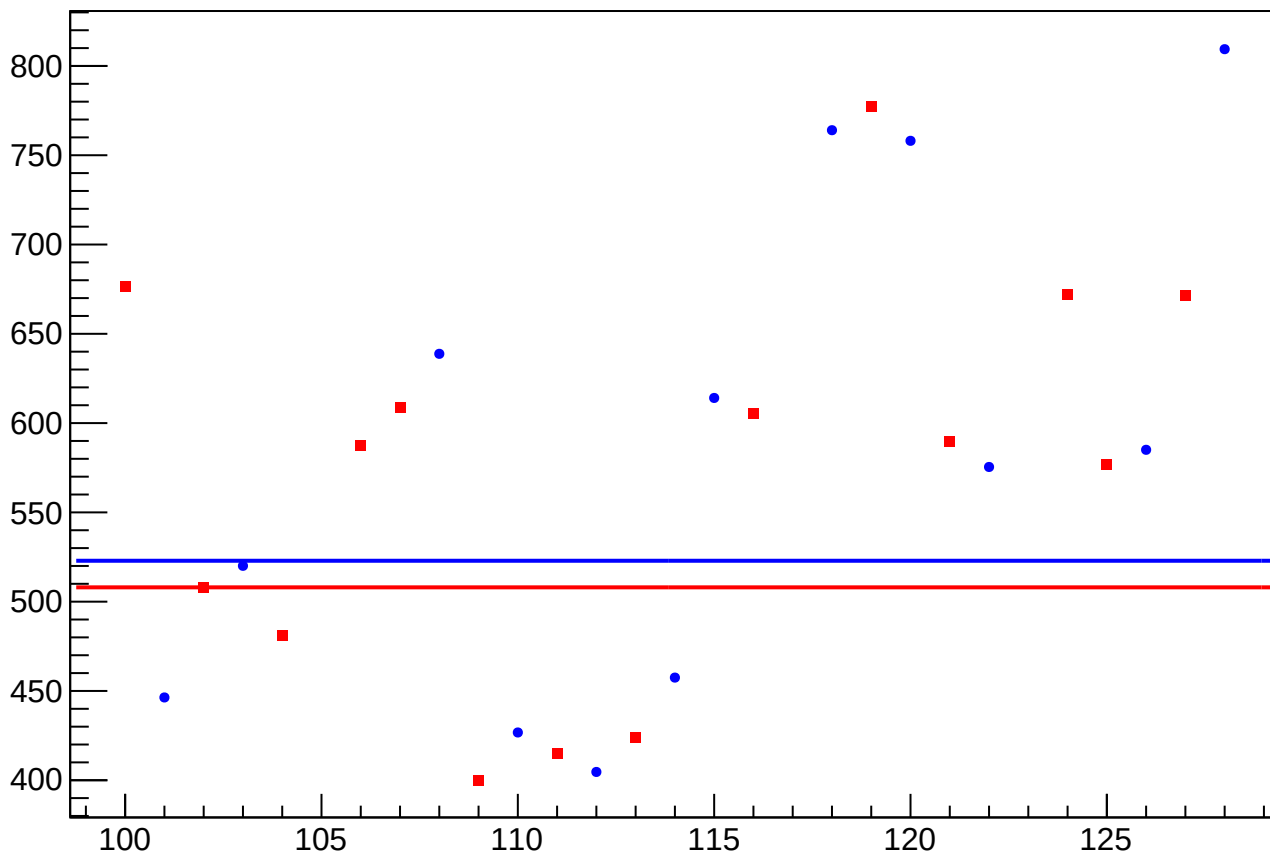
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -239.471 $\pm$ 163.561 χ^2 /NDF: 25.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_dit_correction_rms vs Slug



Right In: 522.909+/-0.171 χ^2/NDF : 504700.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

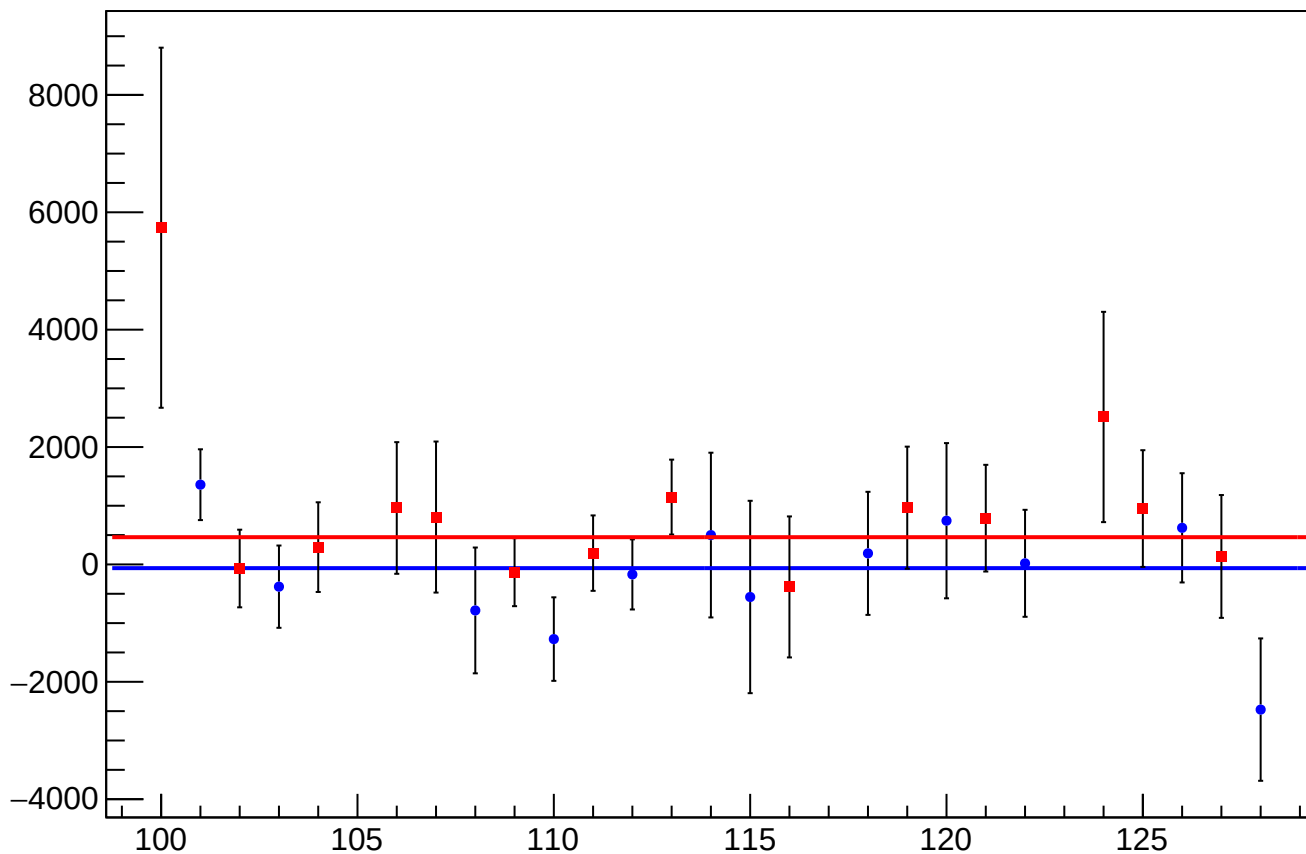
Right Out: 508.020+/-0.157 χ^2/NDF : 445788.3/13

All: 514.862+/-0.116 χ^2/NDF : 954604.4/25

- 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_1357_avg_mean vs Slug



Right In: -63.333+/-251.329 χ^2/NDF : 14.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 464.141+/-232.981 χ^2/NDF : 8.8/13

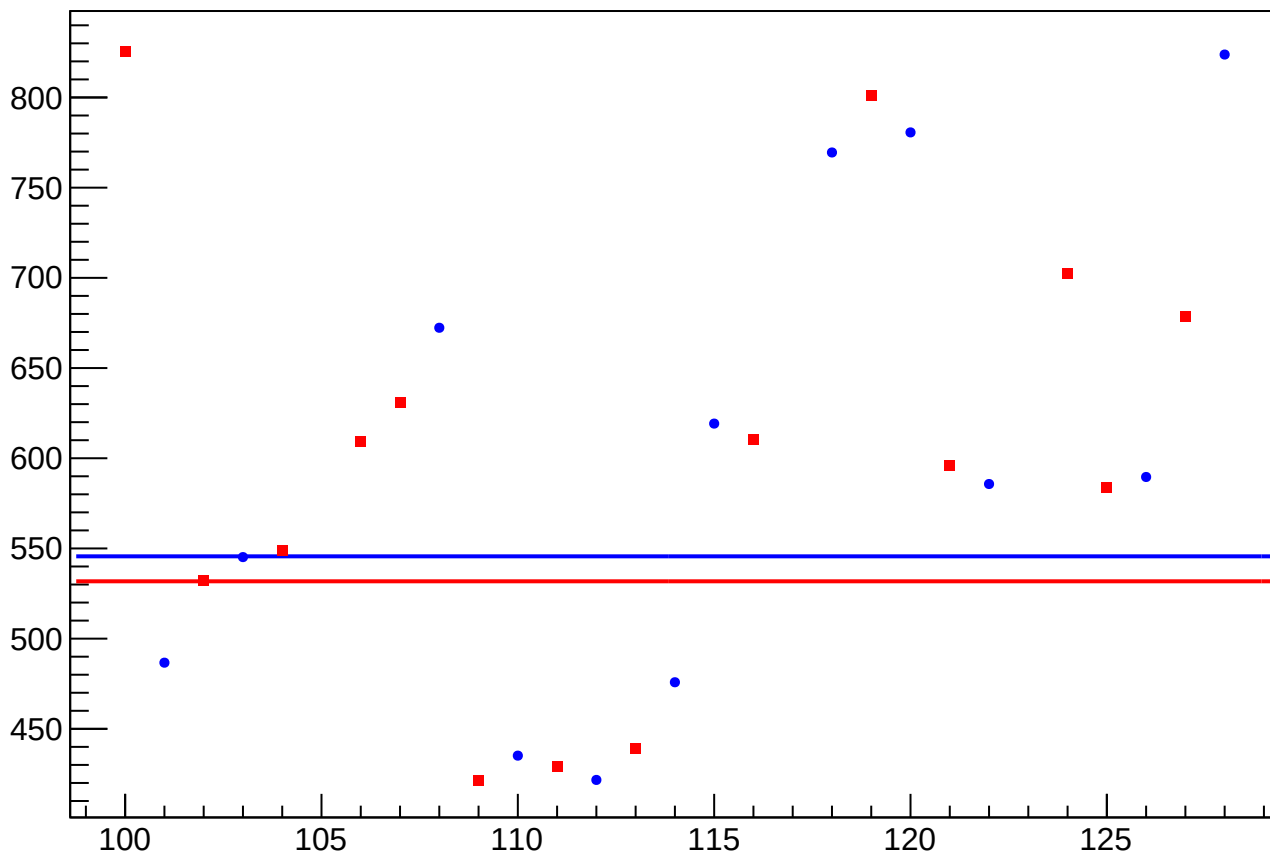
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 220.358+/-170.861 χ^2/NDF : 25.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_rms vs Slug



Right In: 545.630+/-0.178 χ^2/NDF : 458213.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 531.787+/-0.165 χ^2/NDF : 422136.9/13

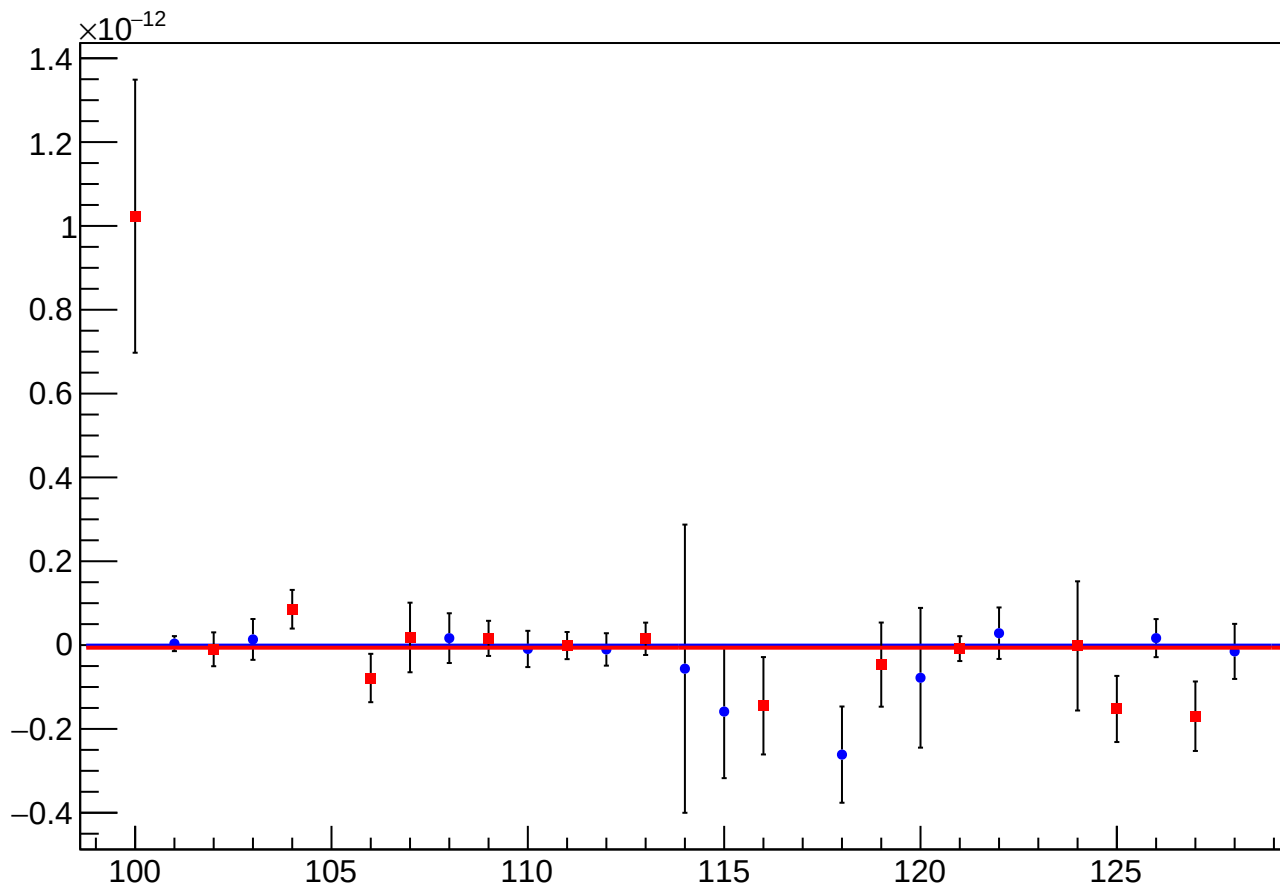
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 538.185+/-0.121 χ^2/NDF : 883613.8/25

- 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 : 7.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 25.1/13

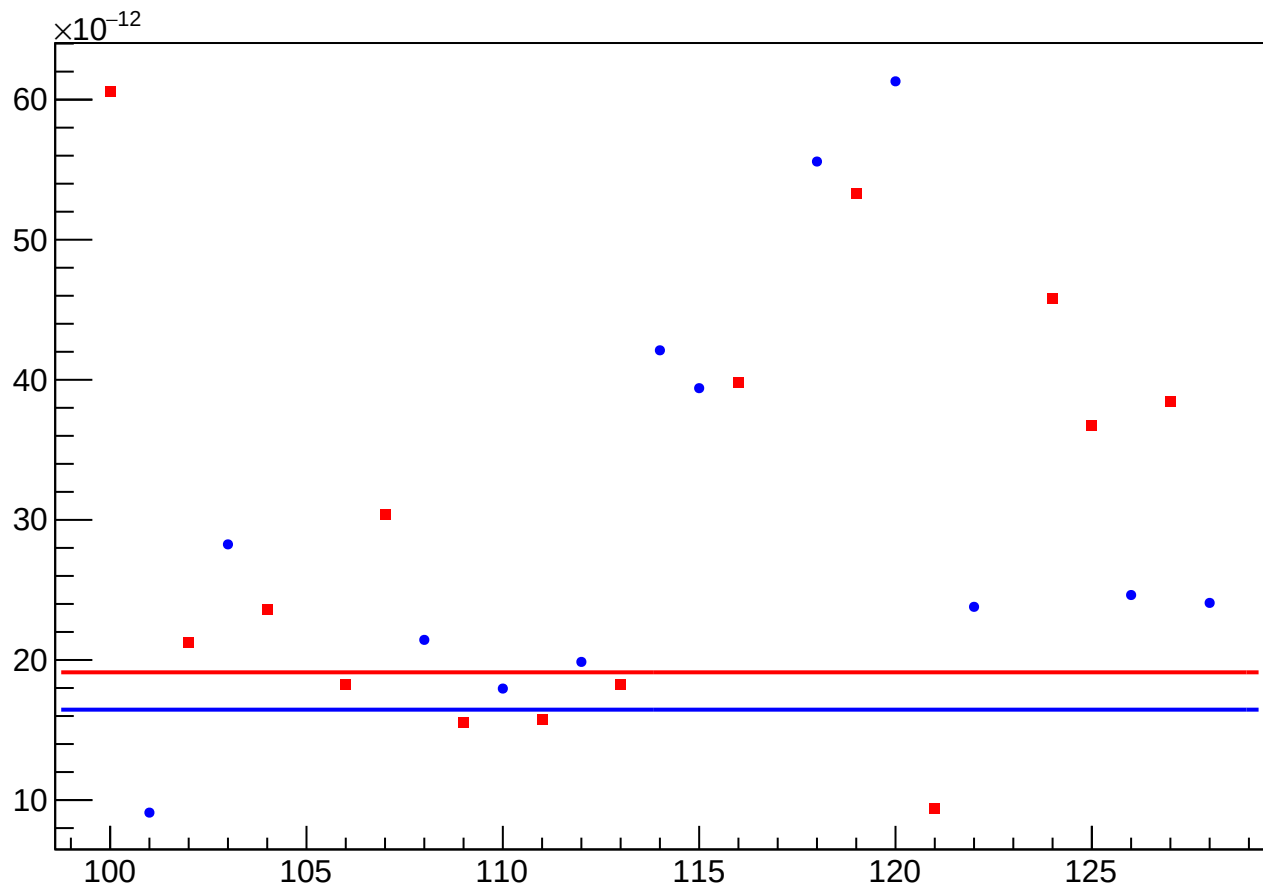
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.3/25

- 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 : 1035935.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 909579.4/13

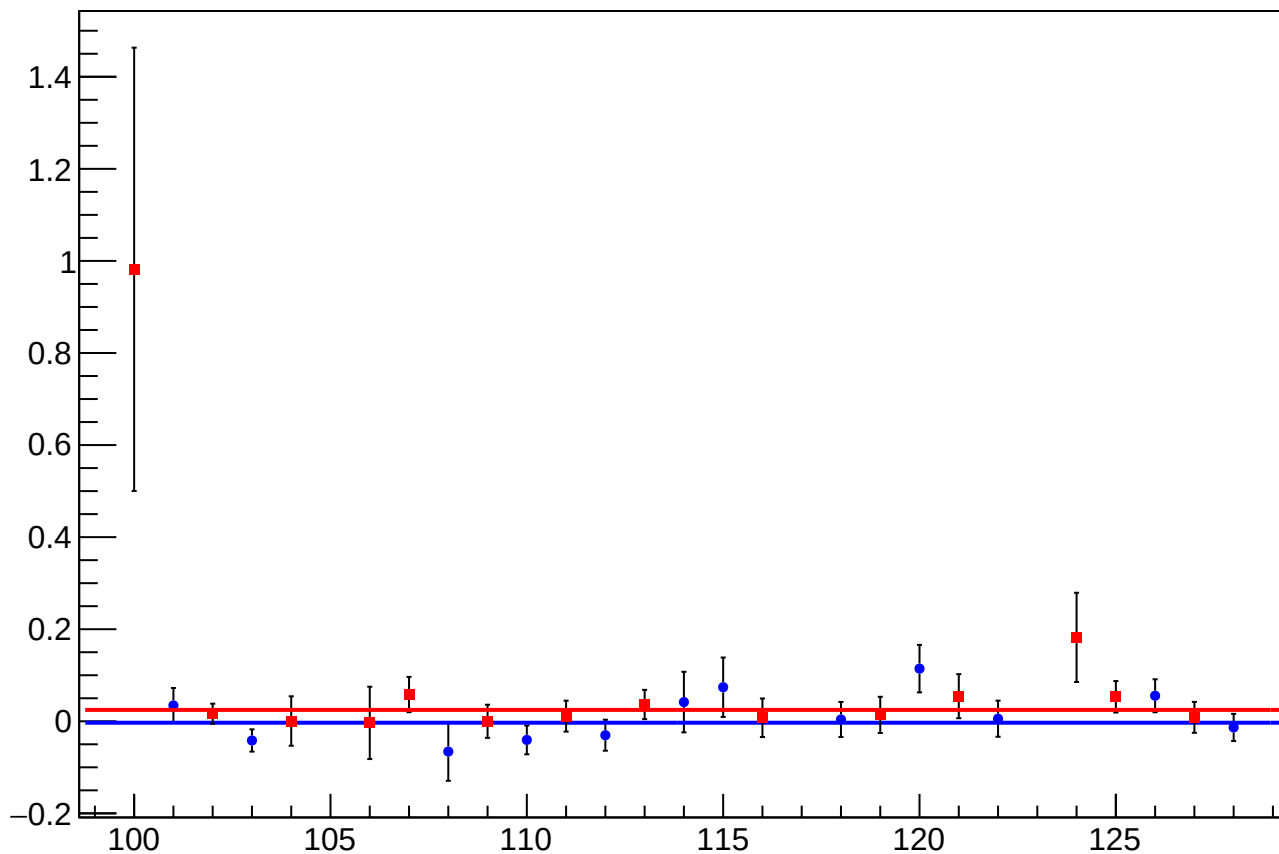
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1986377.8/25

- 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 ± 0.011 $\chi^2/\text{NDF}: 16.5/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.025 ± 0.010 $\chi^2/\text{NDF}: 10.2/13$

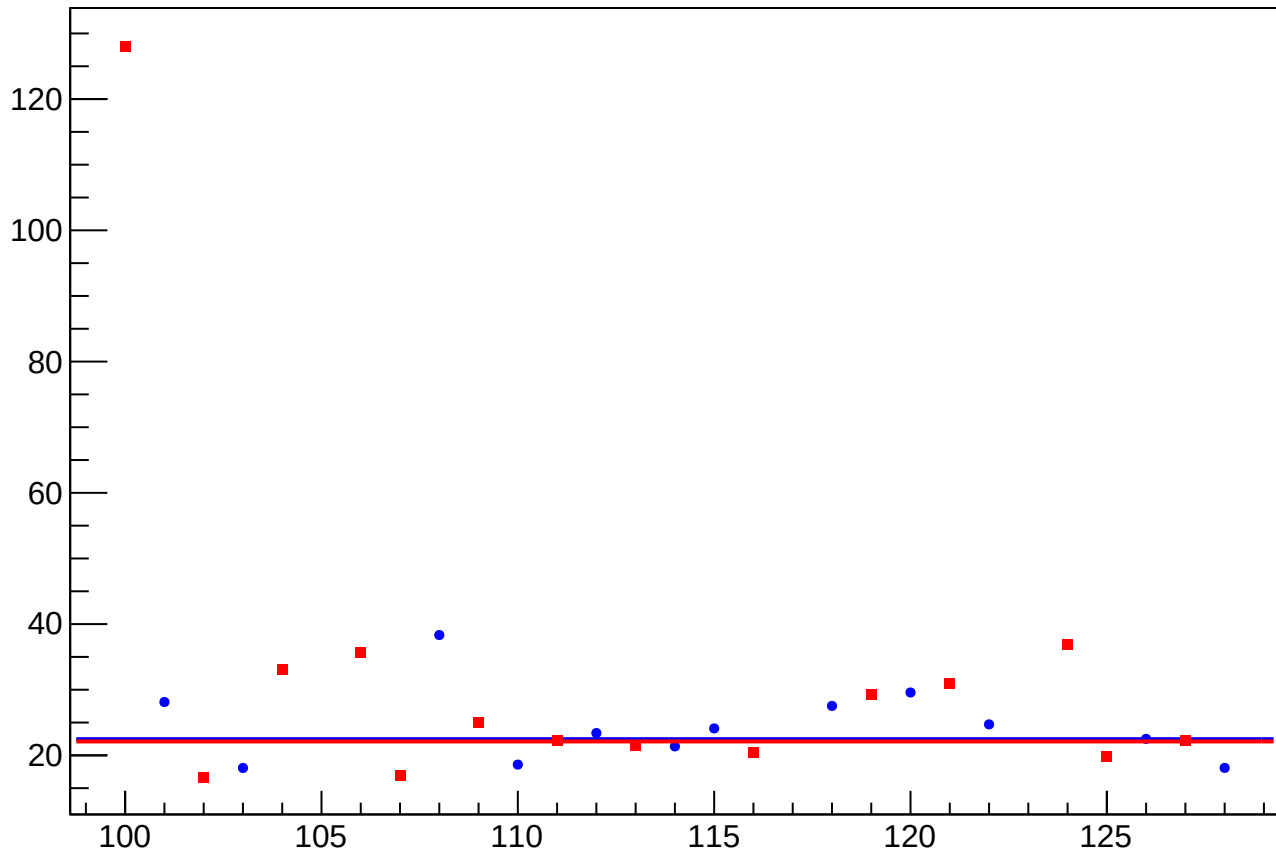
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.011 ± 0.007 $\chi^2/\text{NDF}: 30.2/25$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_1357_avg_dit_vs_cor_diff_rms vs Slug



Right In: 22.465+/-0.008 χ^2/NDF : 393539.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.119+/-0.007 χ^2/NDF : 611648.9/13

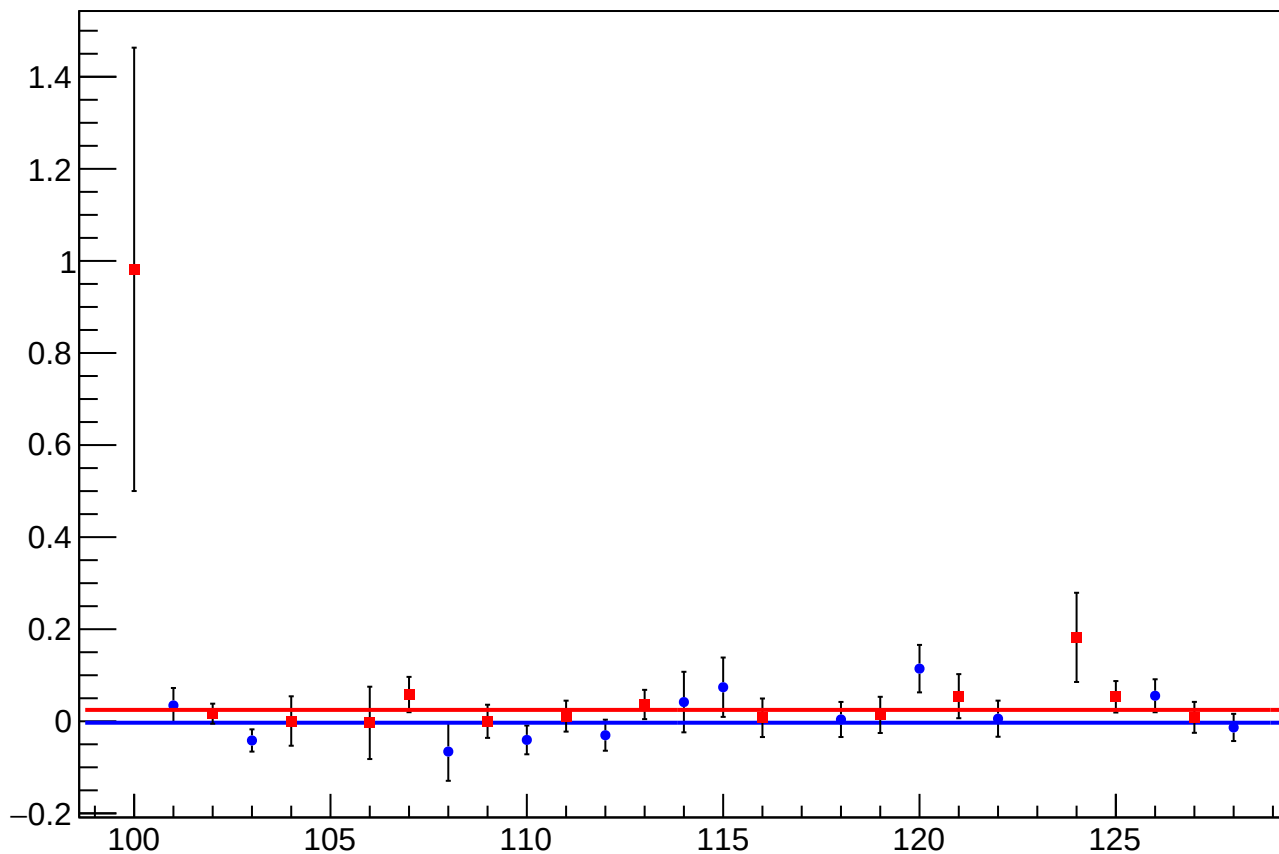
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.285+/-0.005 χ^2/NDF : 1006273.9/25

- 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+/-0.011 χ^2/NDF : 16.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.025+/-0.010 χ^2/NDF : 10.2/13

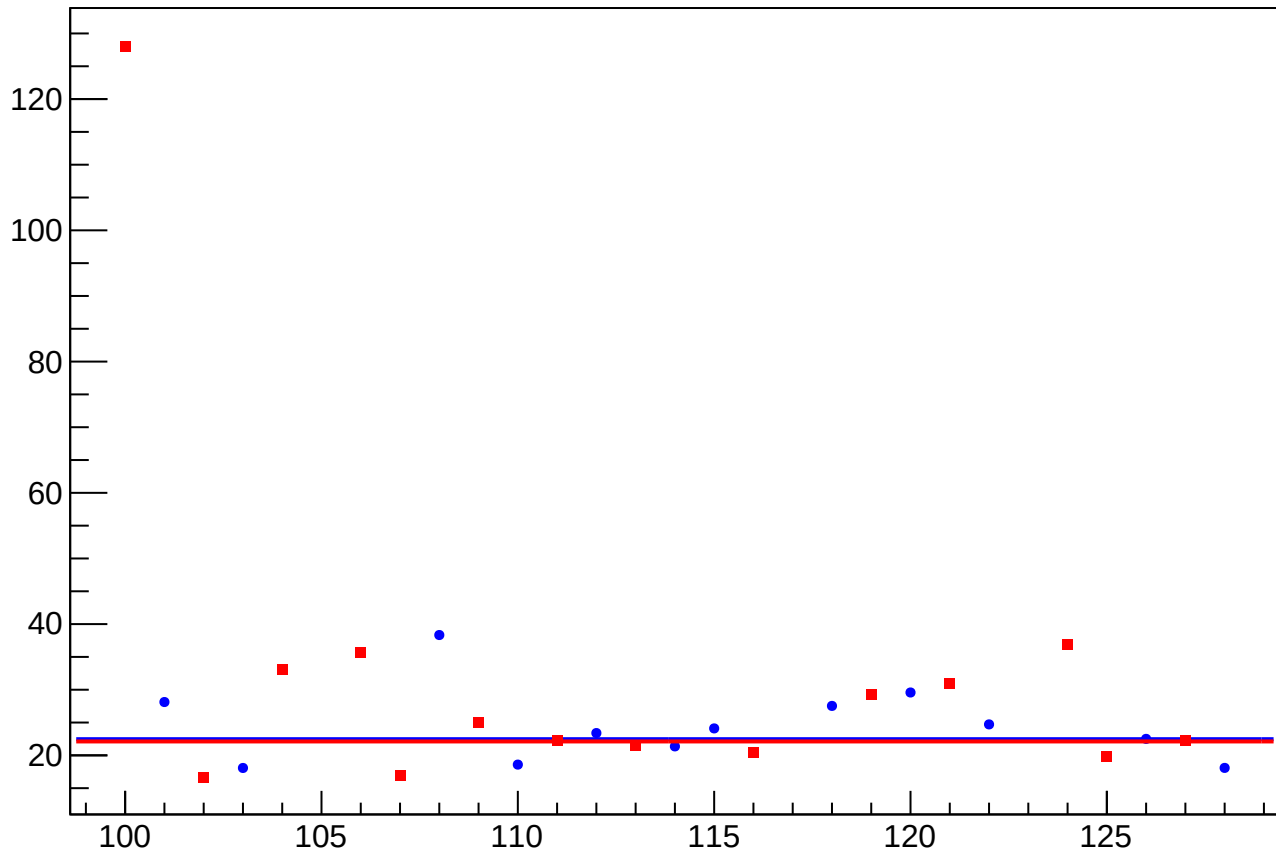
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.007 χ^2/NDF : 30.2/25

- 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: 22.465+/-0.008 χ^2/NDF : 393539.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.119+/-0.007 χ^2/NDF : 611648.9/13

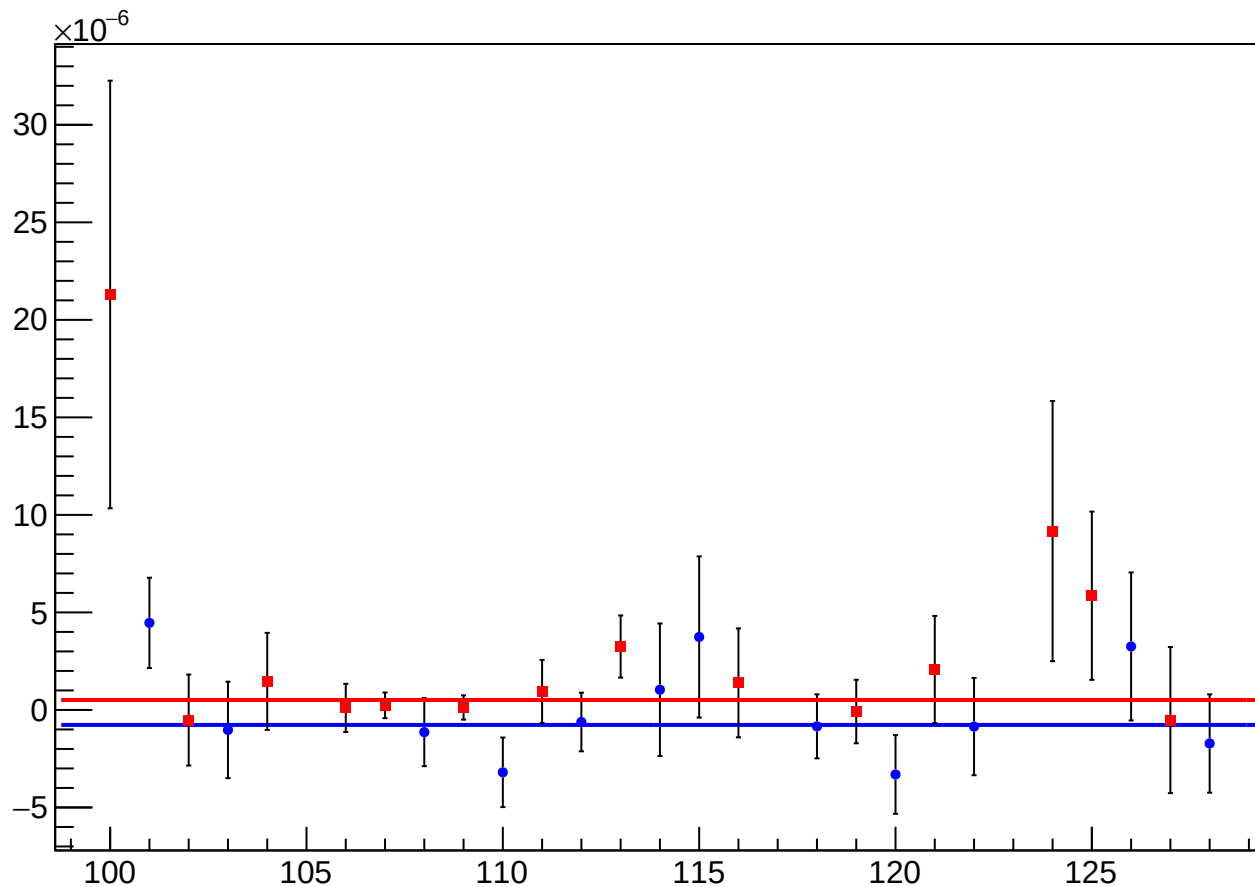
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.285+/-0.005 χ^2/NDF : 1006273.9/25

- 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 : 11.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.5/13

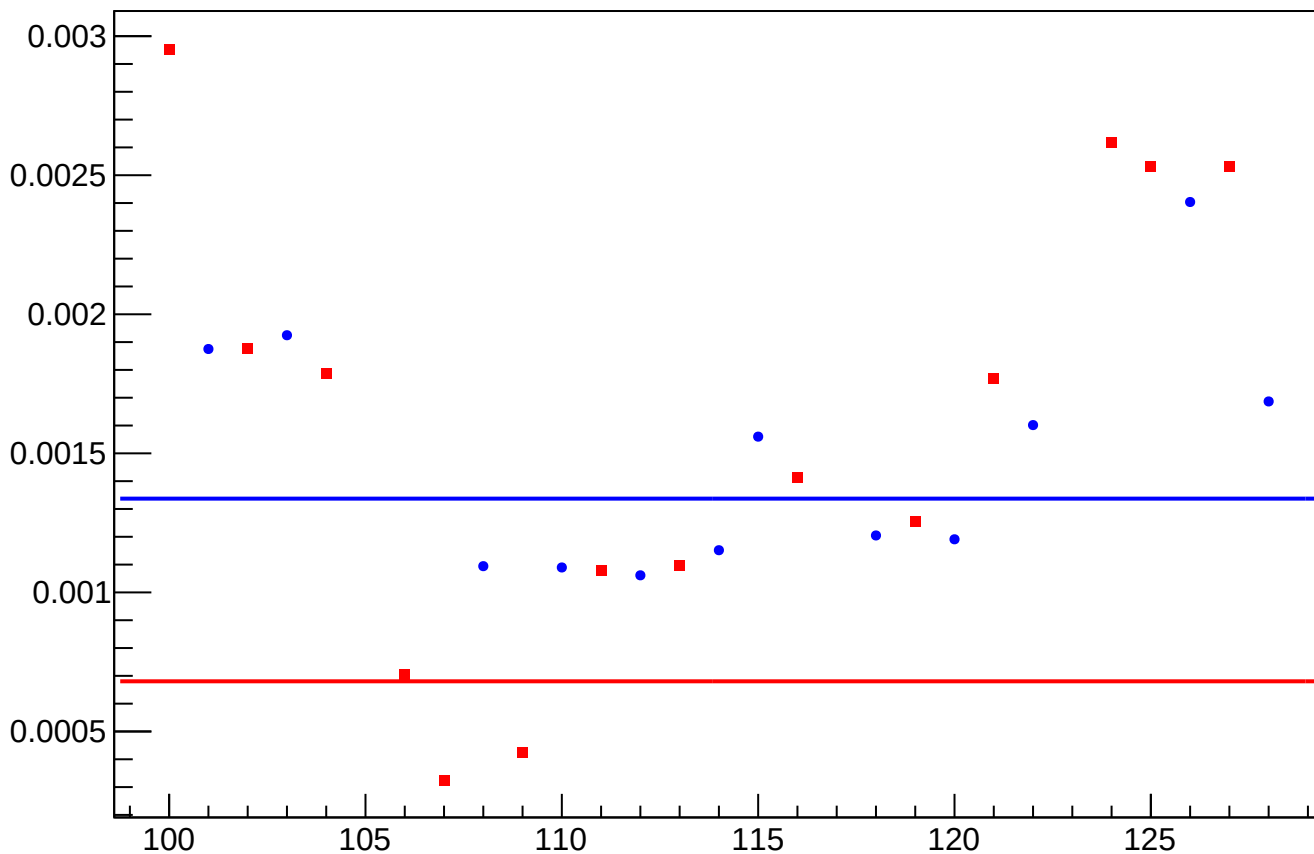
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.0/25

- 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 : 619476.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3918573.5/13

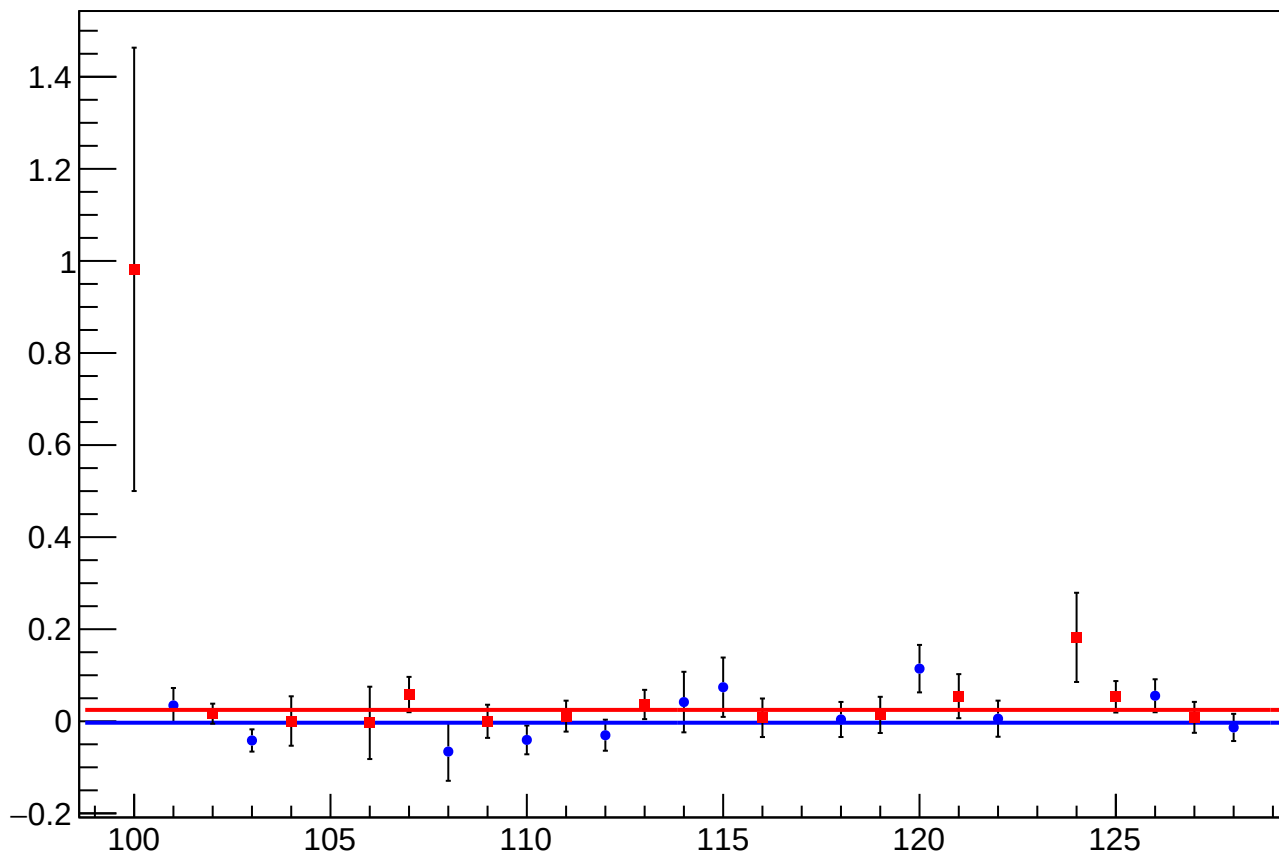
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6194422.0/25

- 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 $\pm$ 0.011 χ^2 /NDF: 16.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.025 $\pm$ 0.010 χ^2 /NDF: 10.2/13

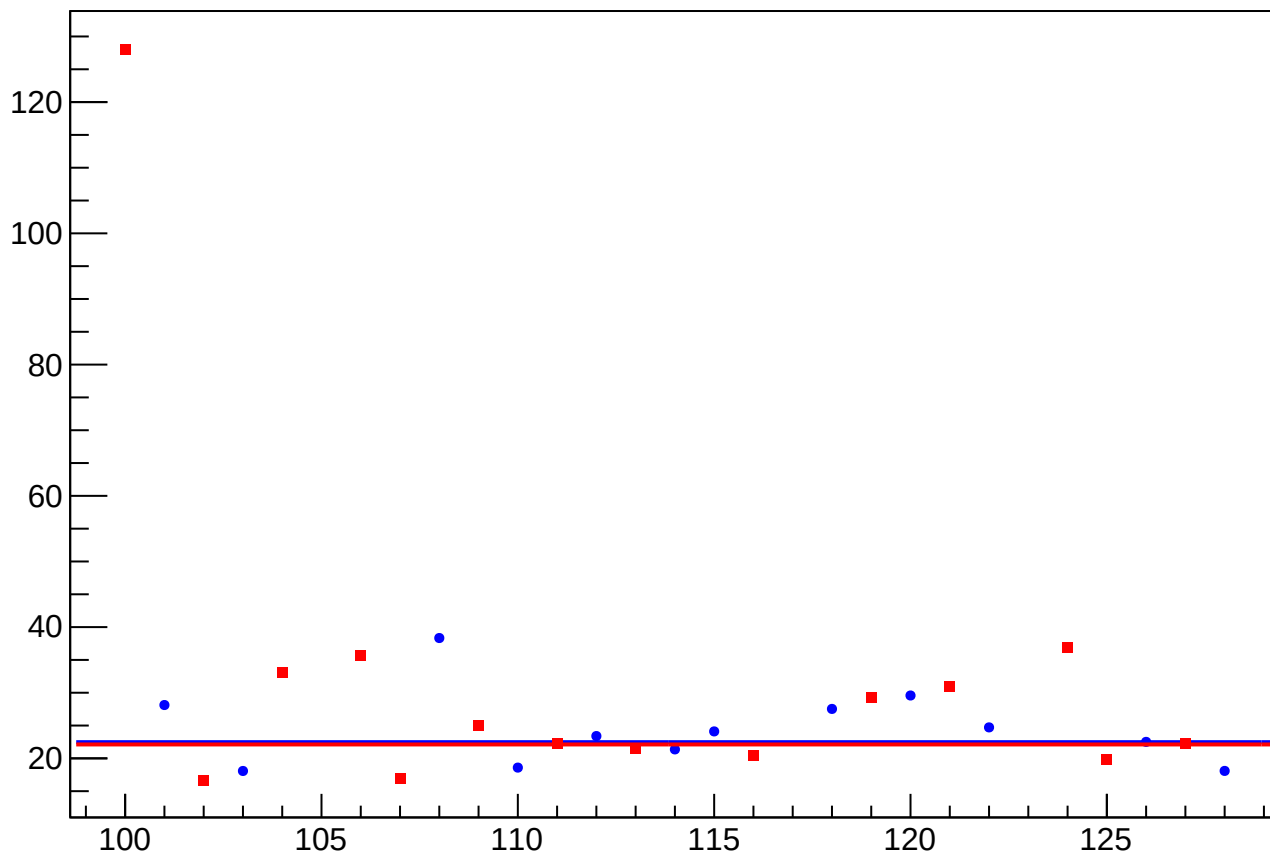
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.011 $\pm$ 0.007 χ^2 /NDF: 30.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 22.466+/-0.008 χ^2/NDF : 393552.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.120+/-0.007 χ^2/NDF : 611631.2/13

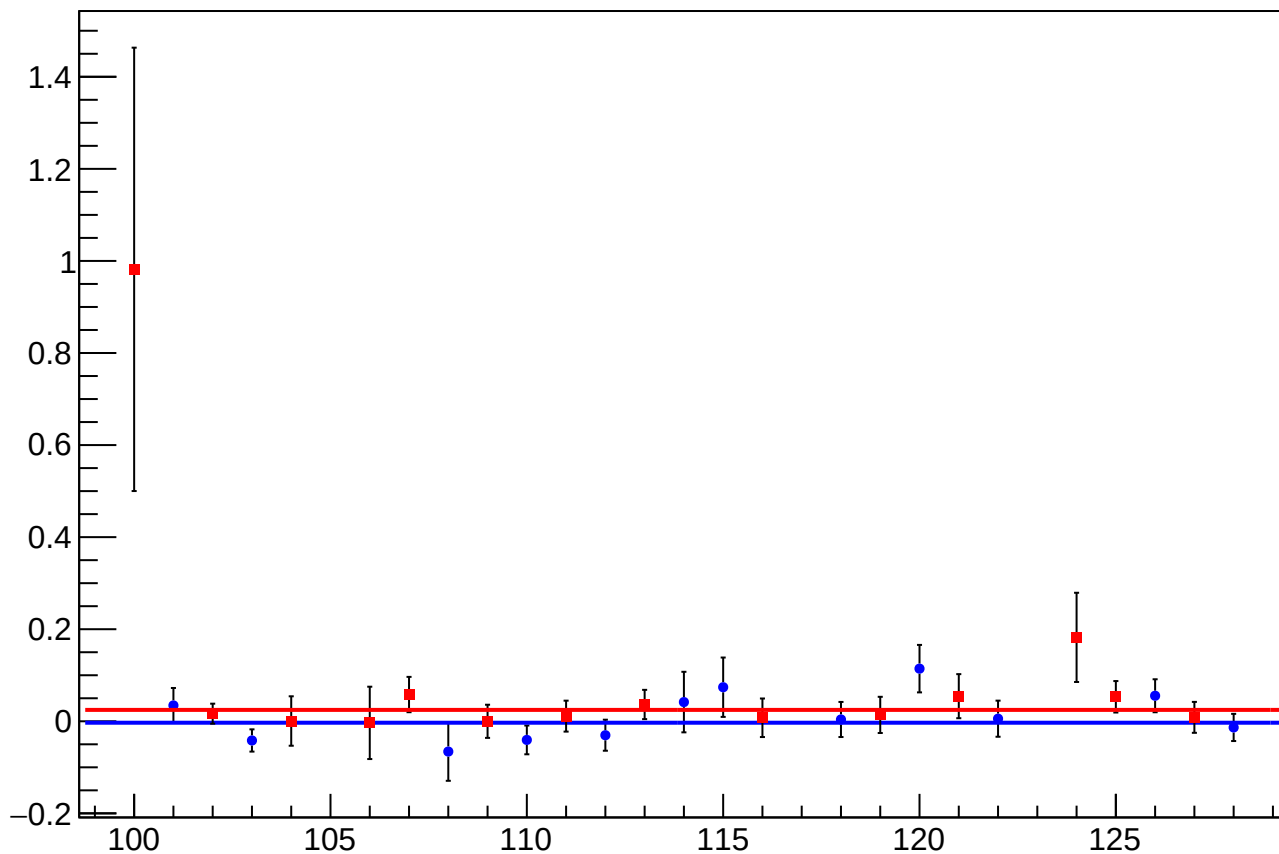
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.285+/-0.005 χ^2/NDF : 1006267.7/25

- 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 $\pm$ 0.011 χ^2 /NDF: 16.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.025 $\pm$ 0.010 χ^2 /NDF: 10.2/13

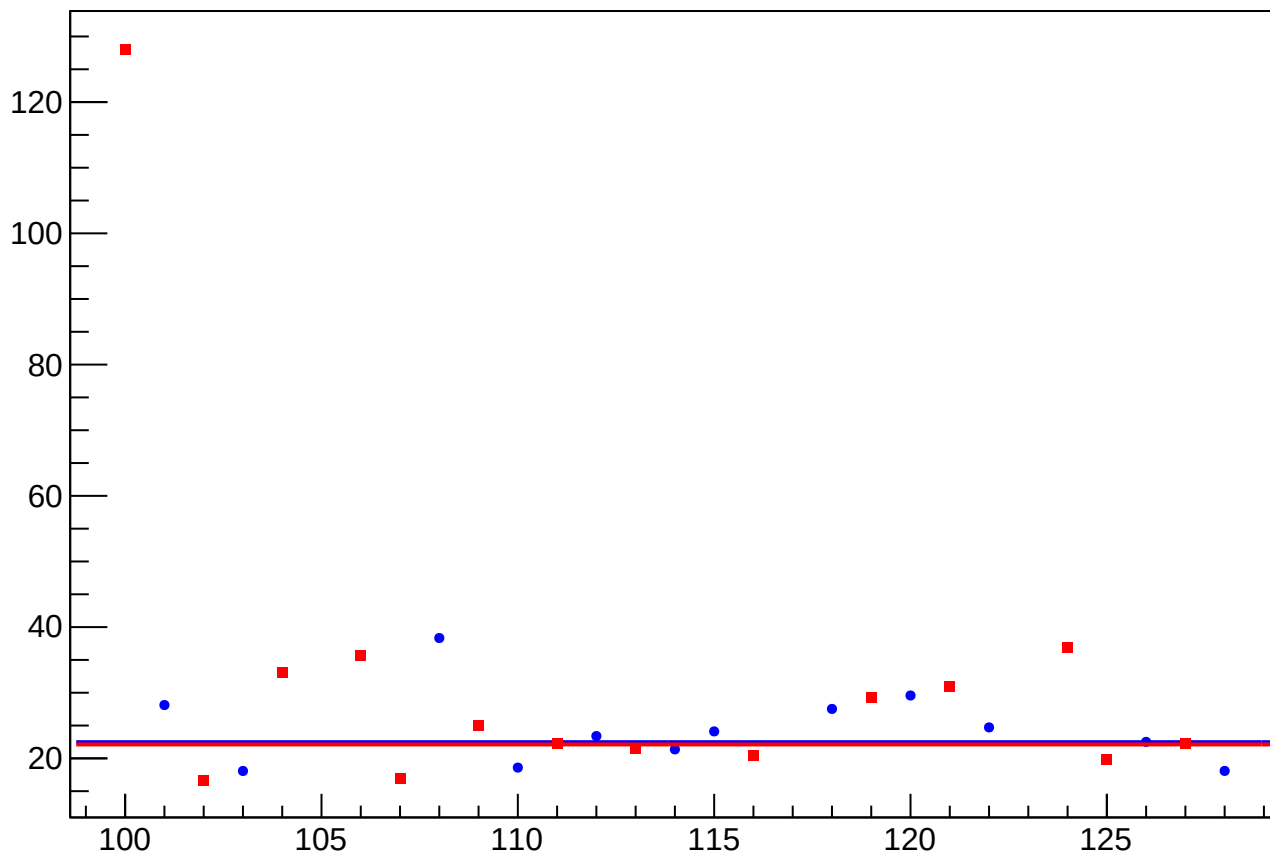
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.011 $\pm$ 0.007 χ^2 /NDF: 30.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 22.466+/-0.008 χ^2/NDF : 393552.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.120+/-0.007 χ^2/NDF : 611631.2/13

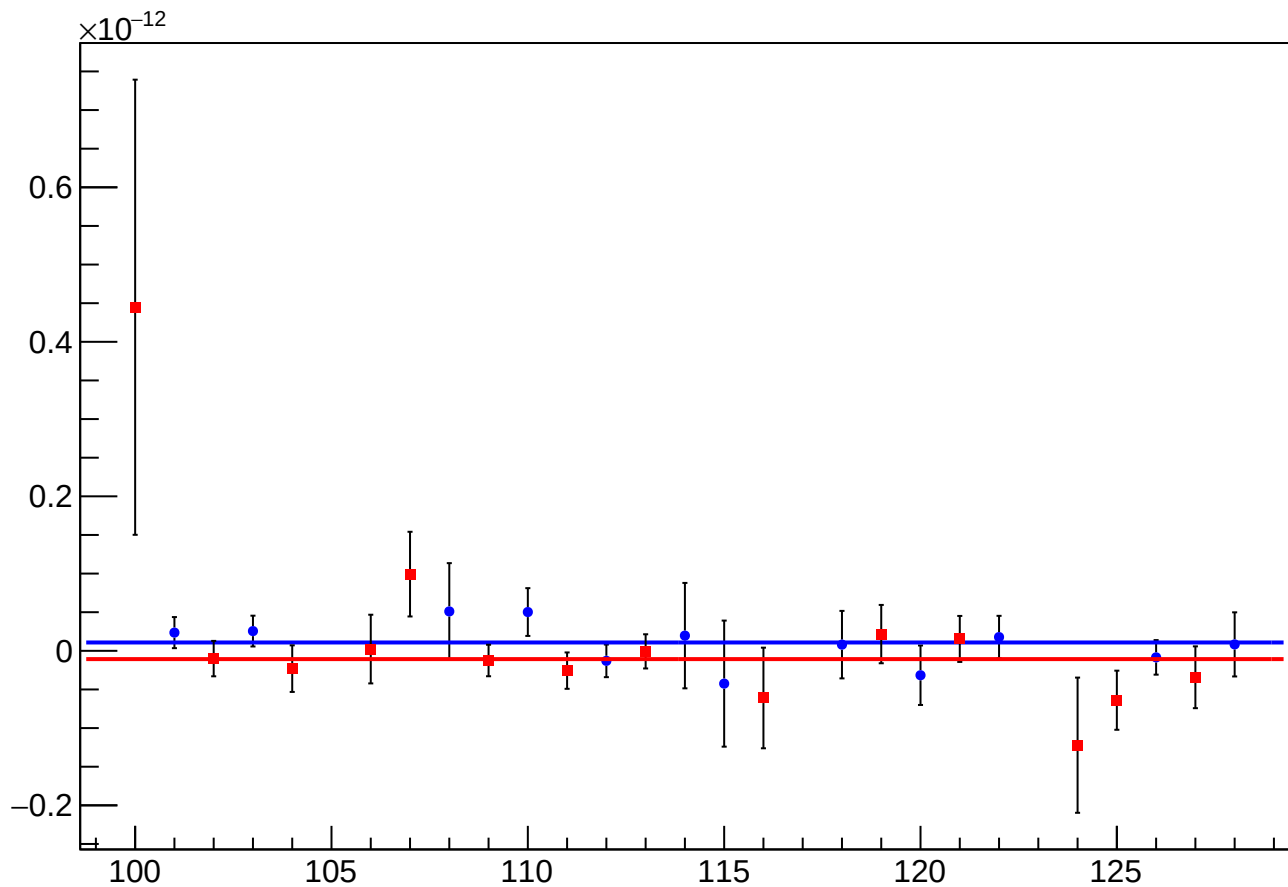
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.285+/-0.005 χ^2/NDF : 1006267.7/25

- 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 : 6.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.3/13

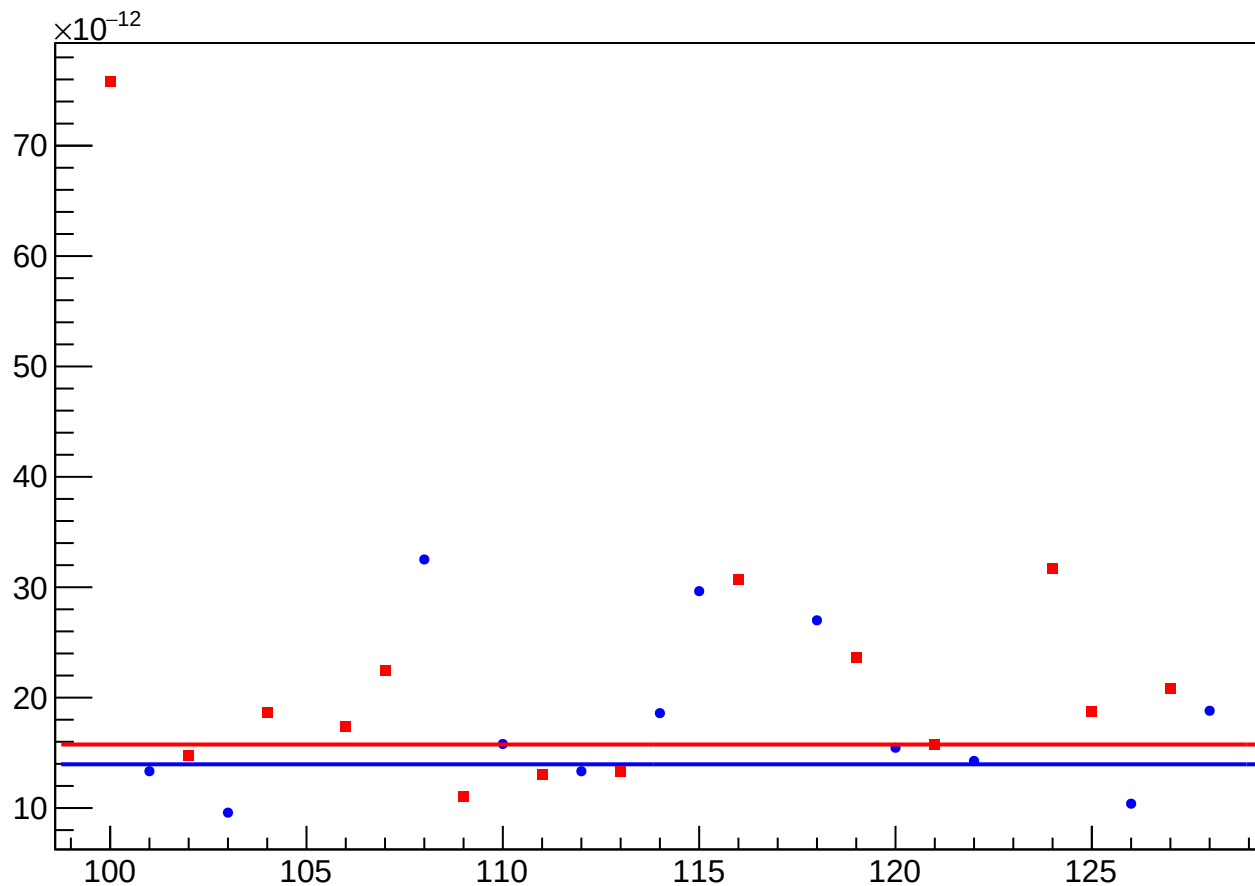
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.2/25

- 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 : 626710.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 598837.5/13

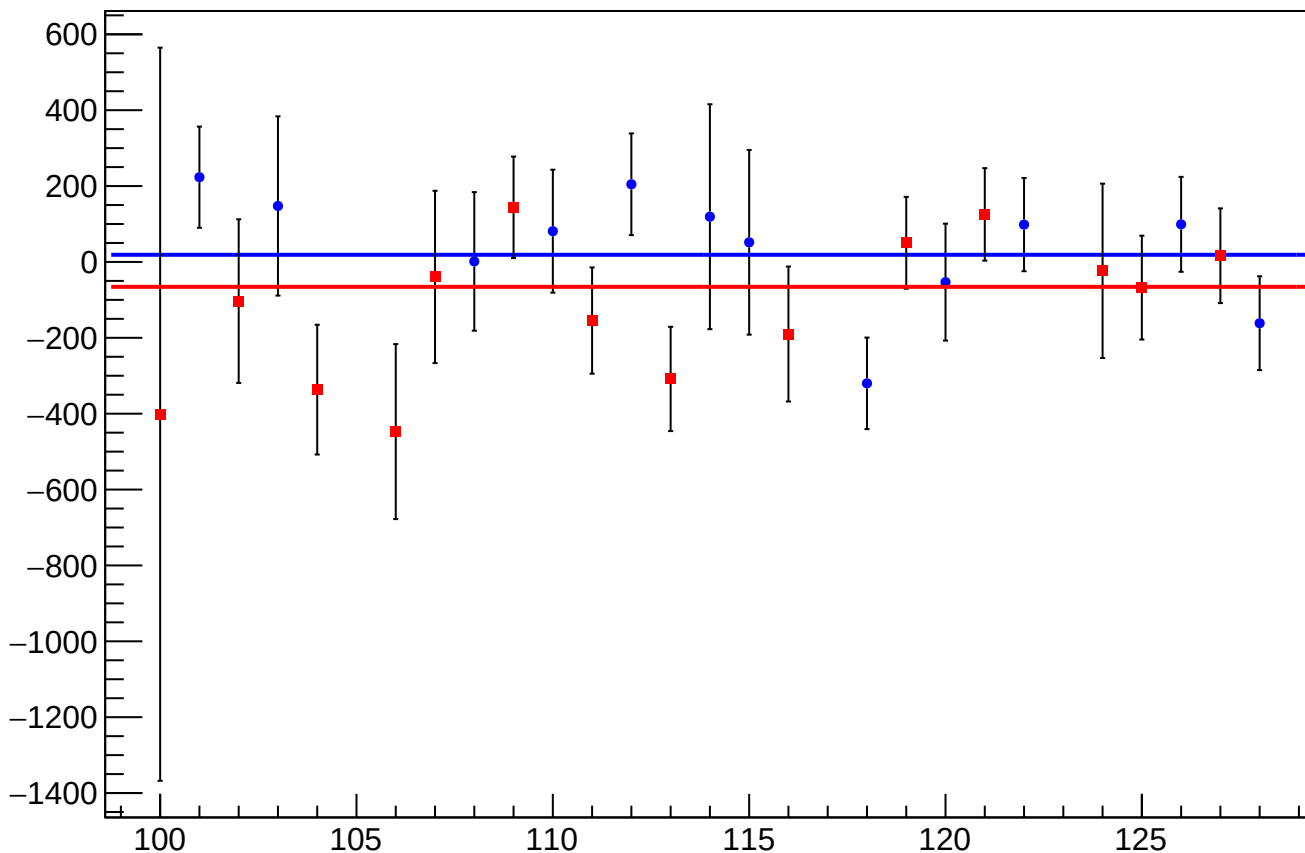
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1270006.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_mean vs Slug



Right In: 18.859+/-43.332 χ^2/NDF : 15.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -65.609+/-42.319 χ^2/NDF : 15.7/13

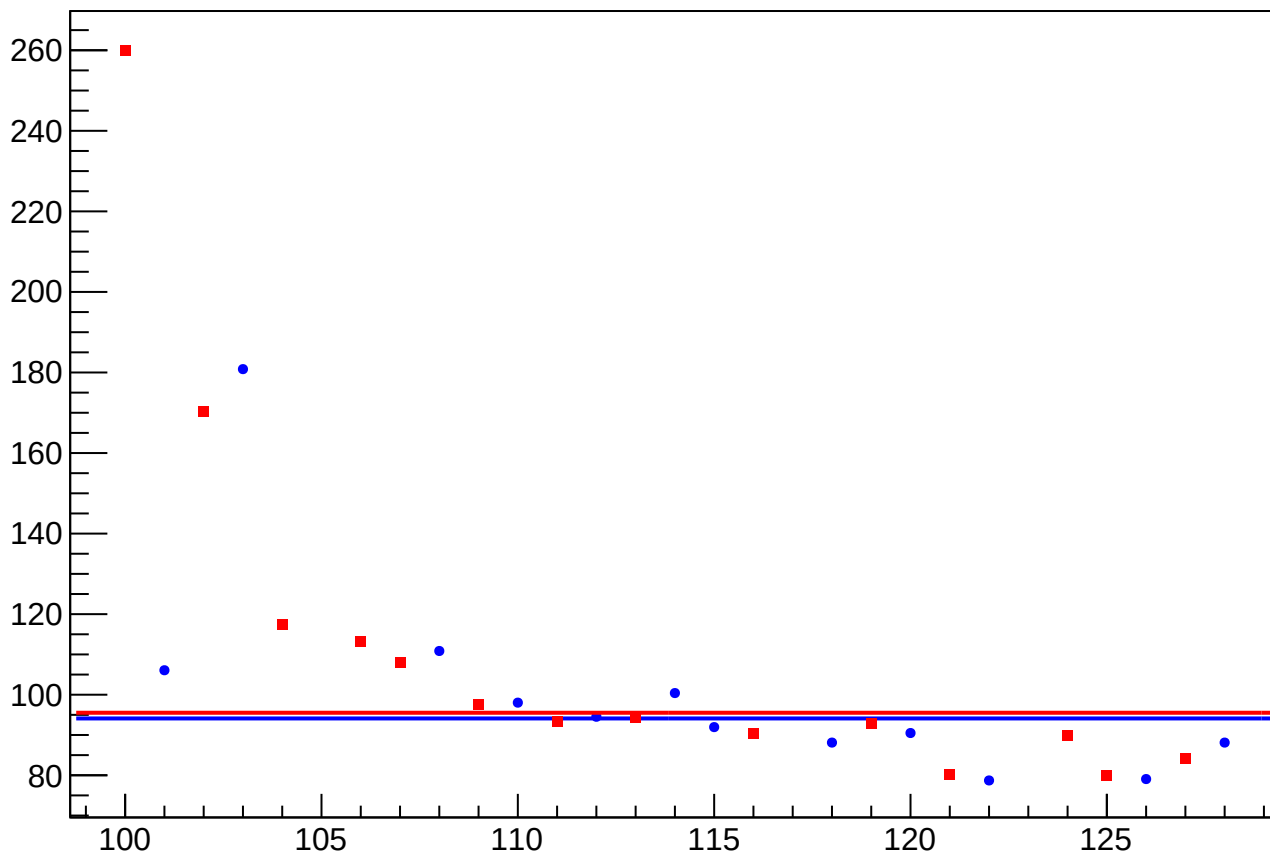
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.374+/-30.276 χ^2/NDF : 33.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_rms vs Slug



Right In: 94.105+/-0.031 χ^2/NDF : 375845.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.521+/-0.030 χ^2/NDF : 427812.9/13

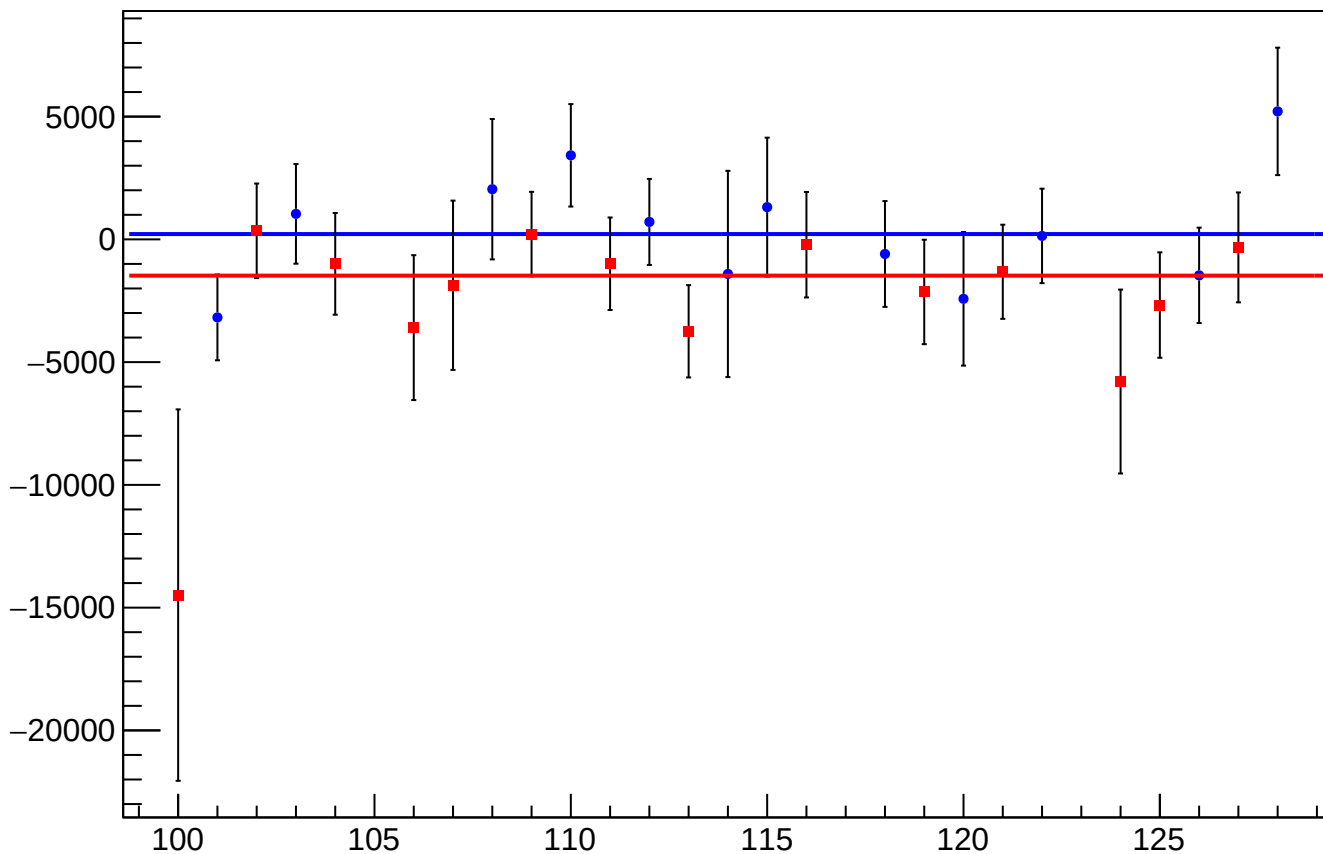
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.830+/-0.021 χ^2/NDF : 804752.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_reg_correction_mean vs Slug



Right In: 215.883+/-637.075 χ^2/NDF : 12.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1477.707+/-595.566 χ^2/NDF : 9.3/13

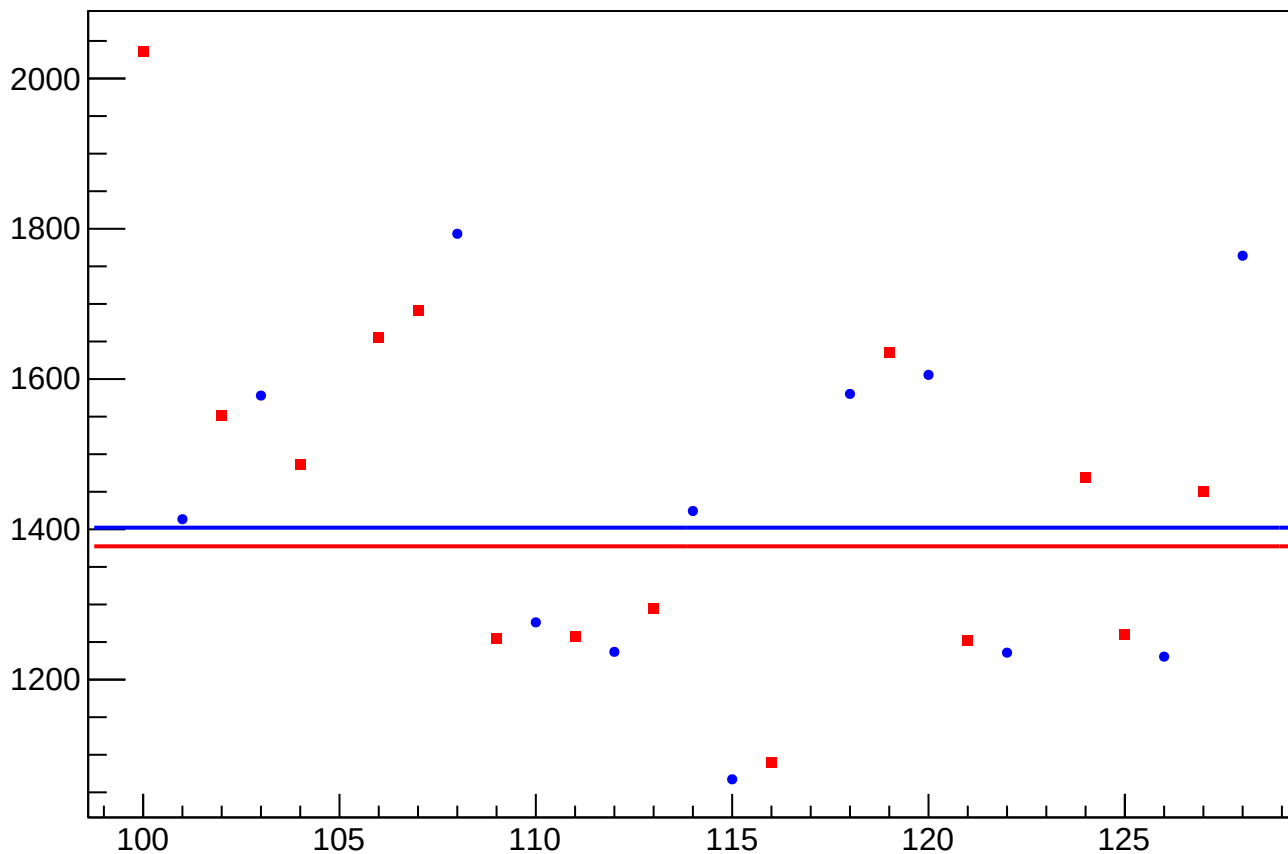
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -687.879+/-435.064 χ^2/NDF : 25.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_reg_correction_rms vs Slug



Right In: 1402.241 $\pm$ 0.450 χ^2 /NDF: 200007.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1377.407 $\pm$ 0.421 χ^2 /NDF: 176414.7/13

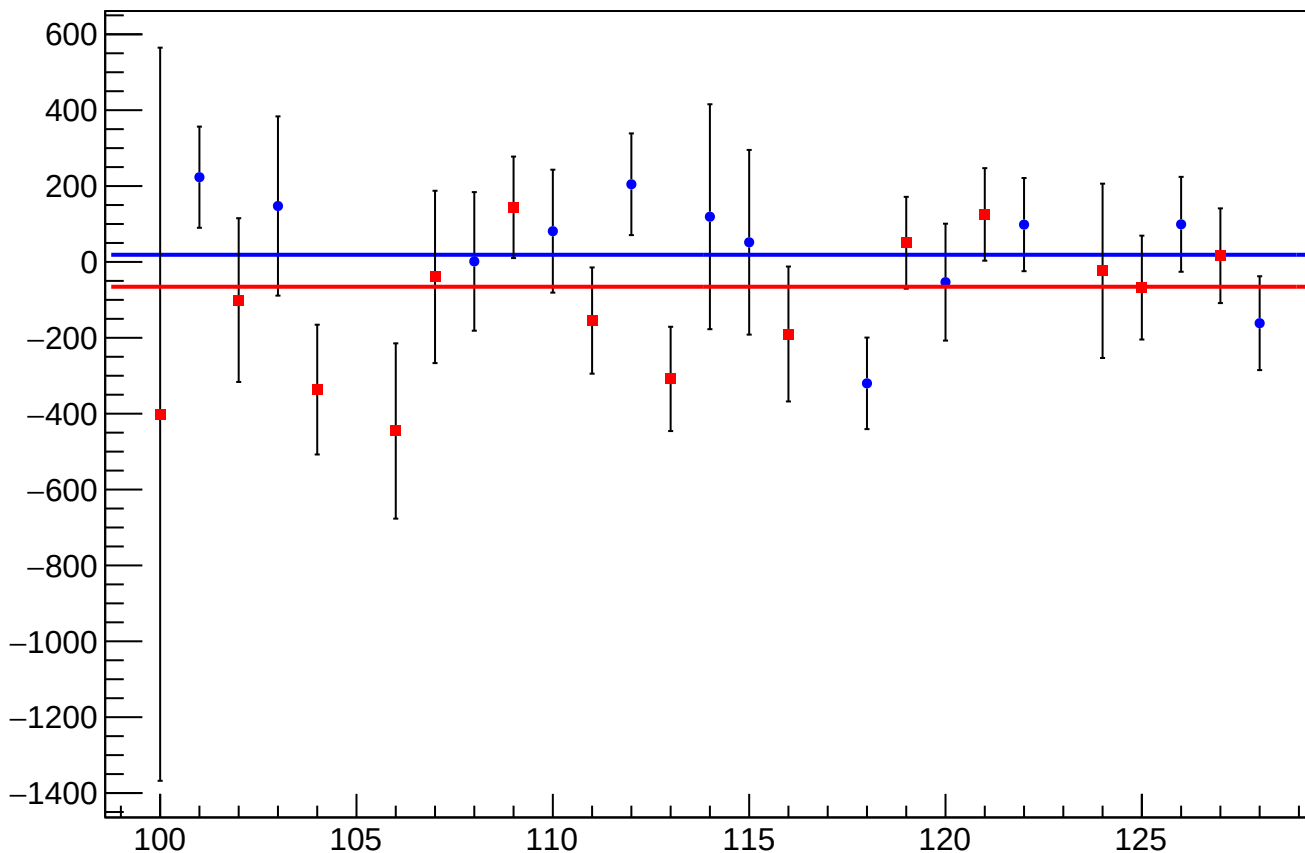
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1388.989 $\pm$ 0.308 χ^2 /NDF: 378043.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_2468_avg_mean vs Slug



Right In: 18.846+/-43.332 χ^2/NDF : 15.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -65.394+/-42.323 χ^2/NDF : 15.7/13

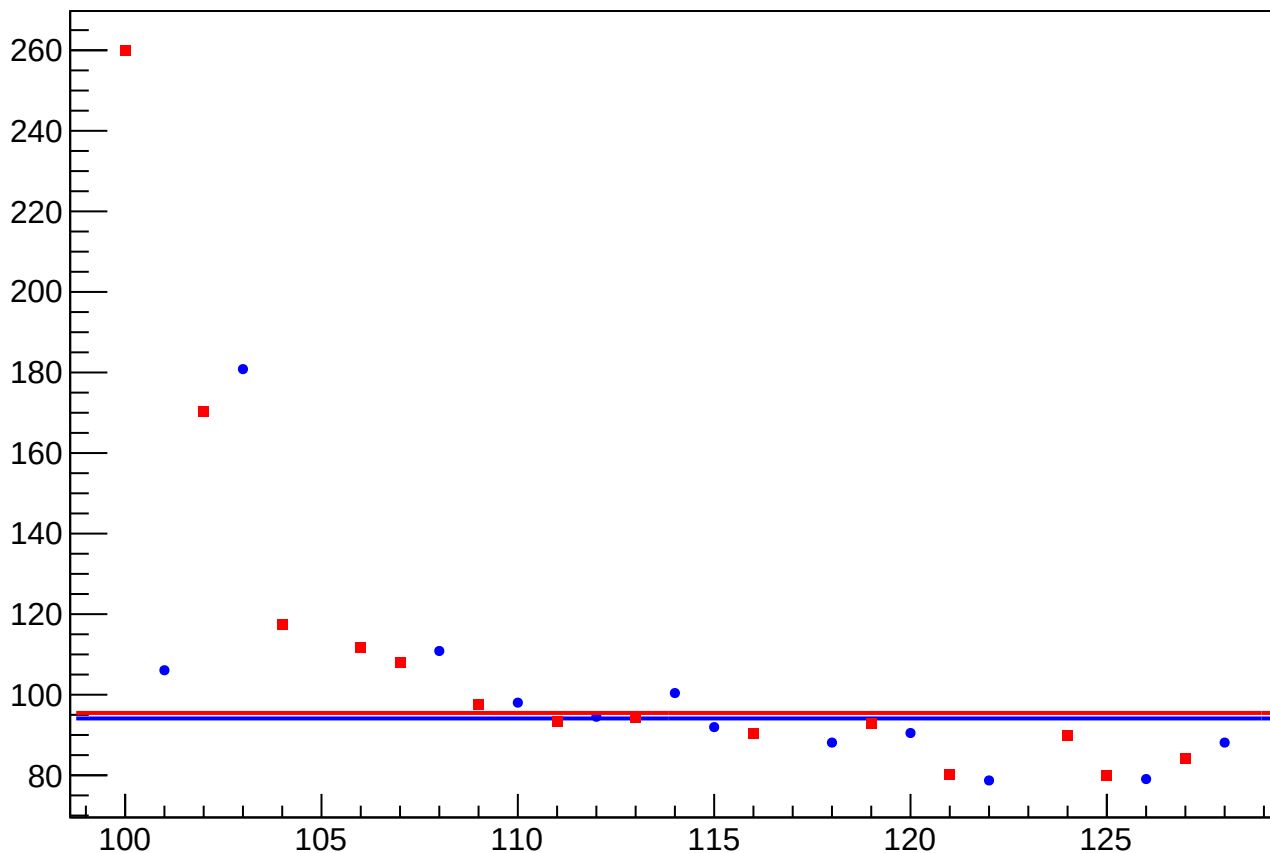
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.266+/-30.277 χ^2/NDF : 33.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_2468_avg_rms vs Slug



Right In: 94.105+/-0.031 χ^2/NDF : 375849.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.475+/-0.030 χ^2/NDF : 426395.5/13

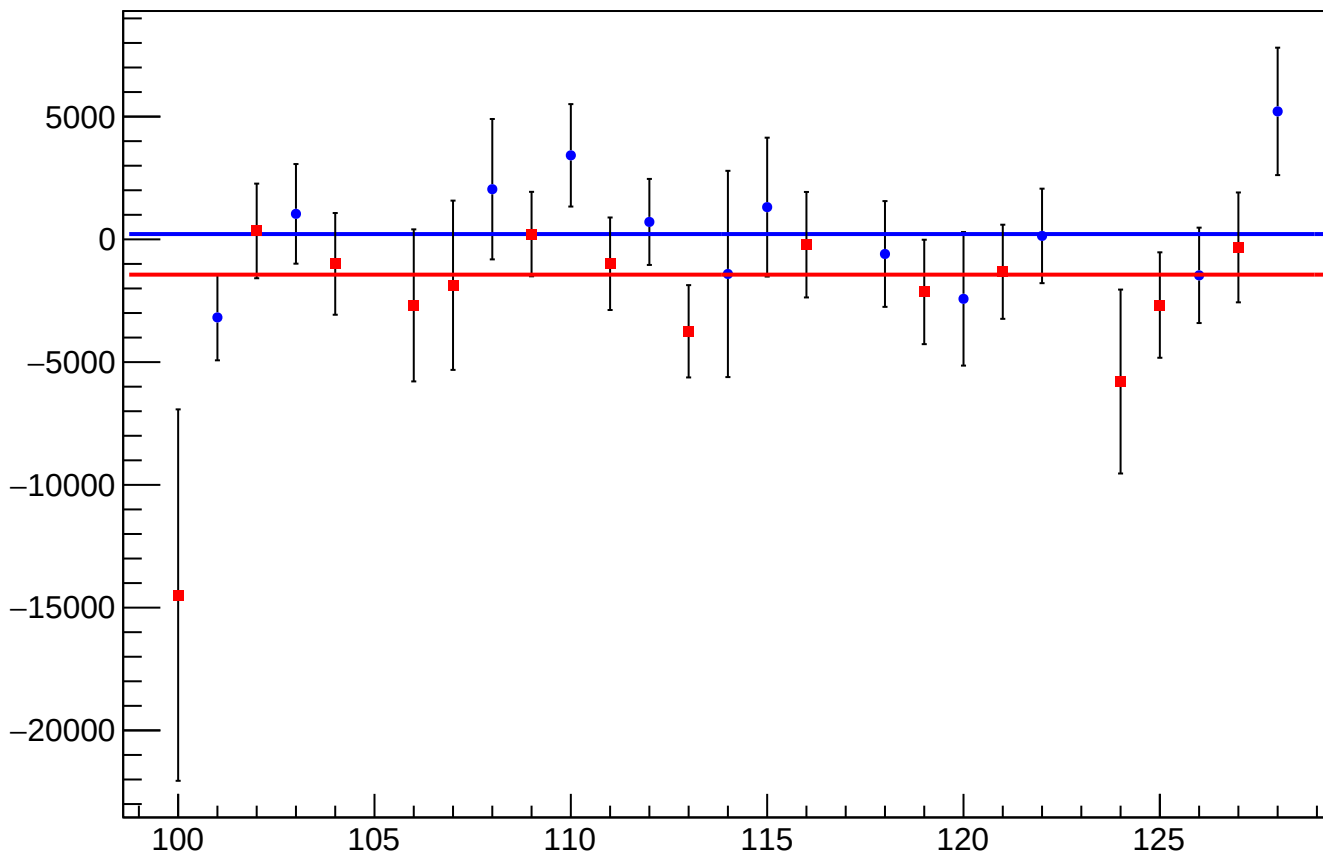
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.806+/-0.021 χ^2/NDF : 803268.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_cor_correction_mean vs Slug



Right In: 215.949+/-637.079 χ^2/NDF : 12.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1437.007+/-596.720 χ^2/NDF : 8.9/13

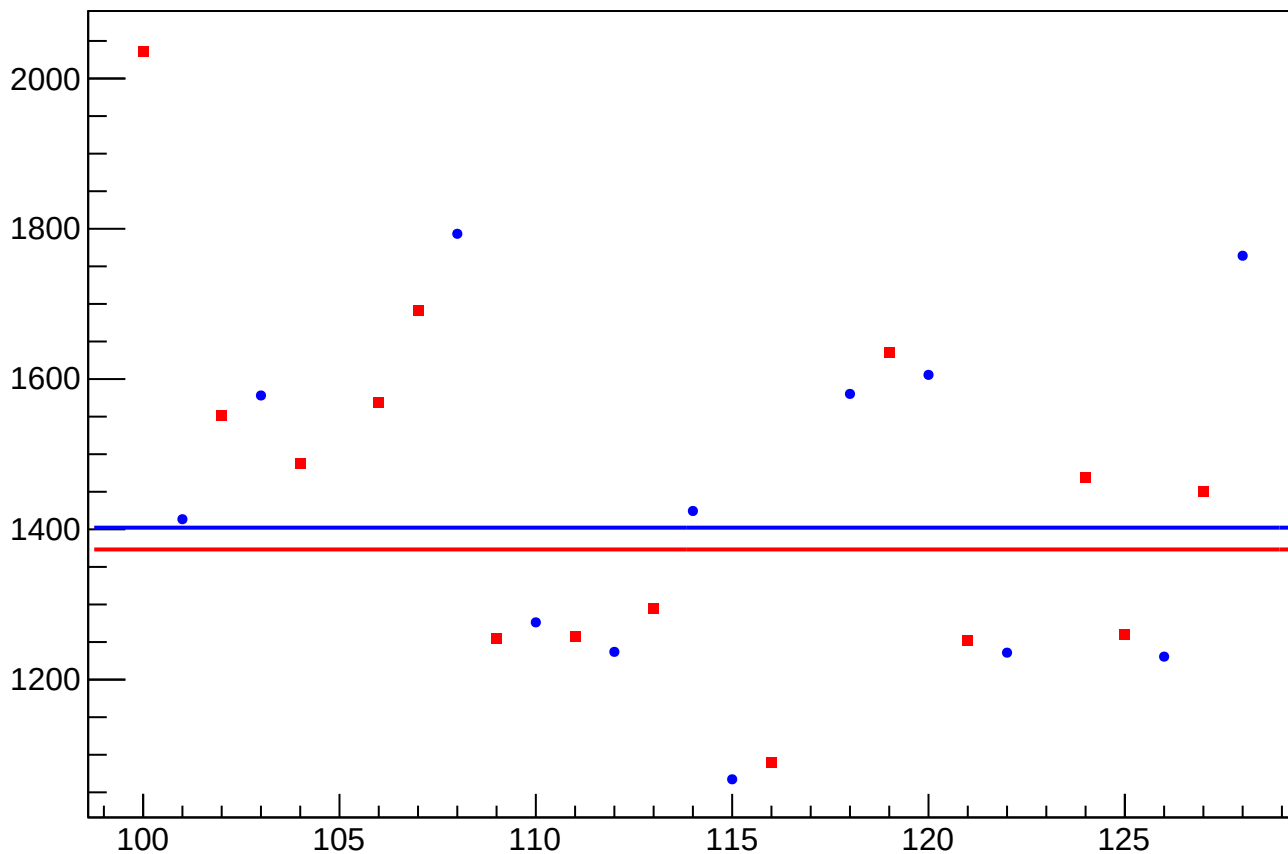
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -664.542+/-435.514 χ^2/NDF : 25.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_cor_correction_rms vs Slug



Right In: 1402.249 $\pm$ 0.450 χ^2 /NDF: 200024.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

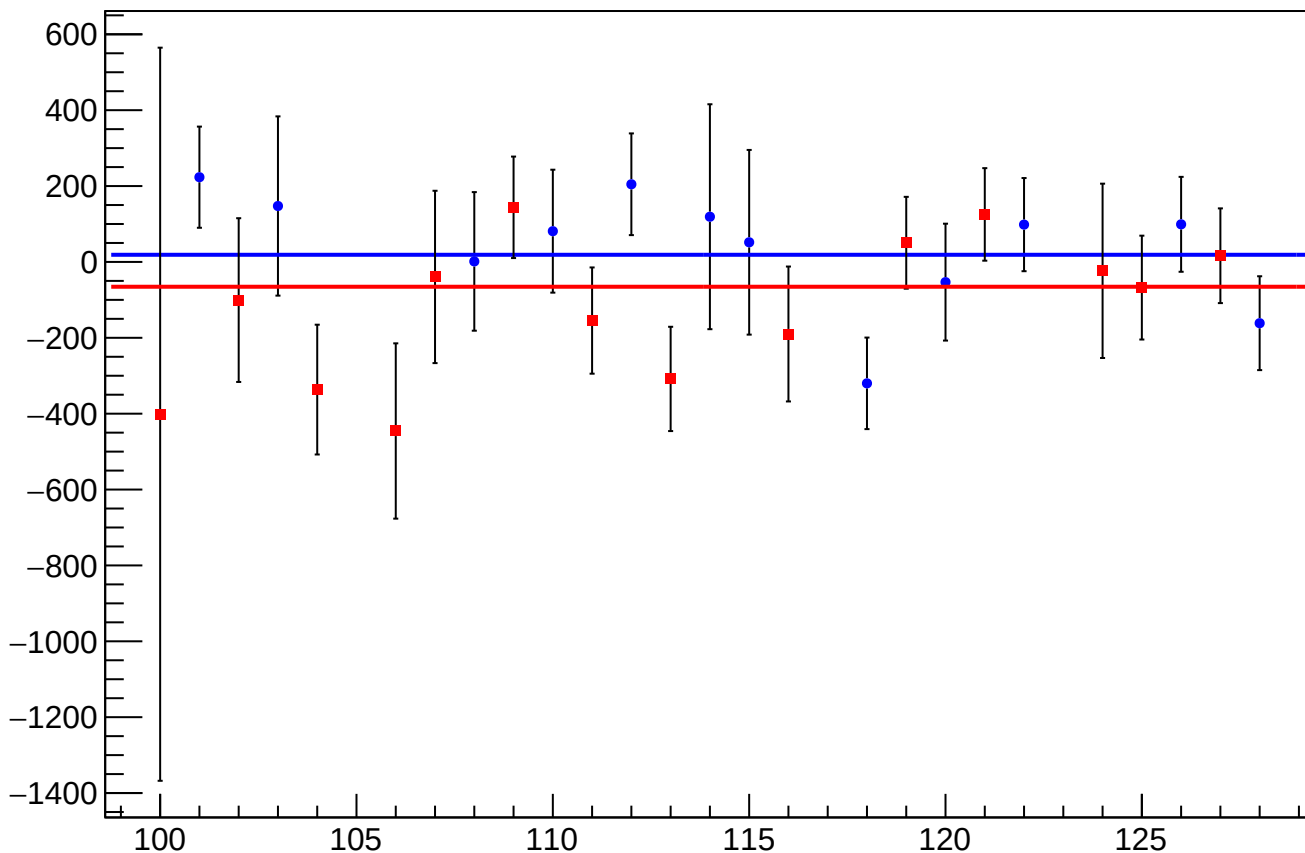
Right Out: 1373.231 $\pm$ 0.422 χ^2 /NDF: 166409.3/13

All: 1386.792 $\pm$ 0.308 χ^2 /NDF: 368643.6/25

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_2468_avg_mean vs Slug



Right In: 18.846+/-43.332 χ^2/NDF : 15.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -65.394+/-42.323 χ^2/NDF : 15.7/13

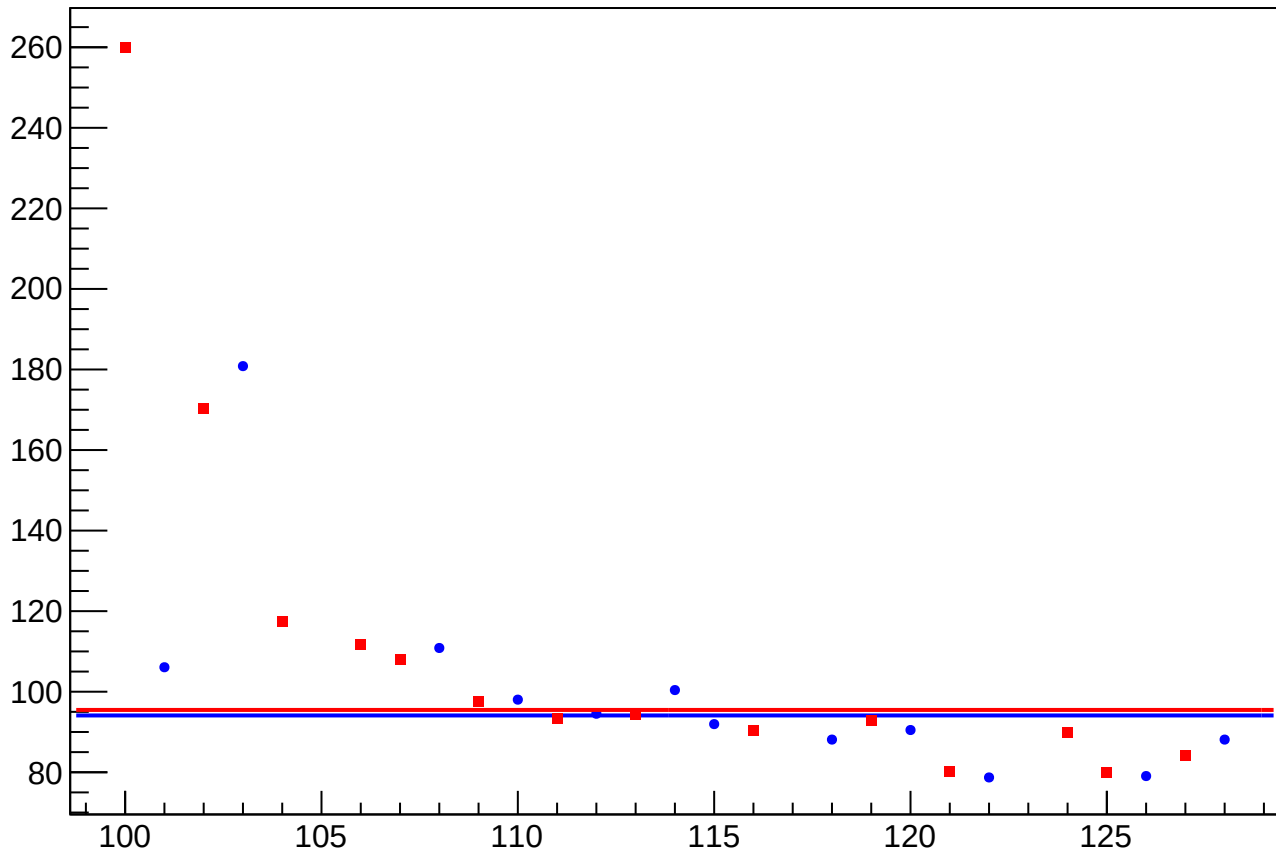
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.266+/-30.277 χ^2/NDF : 33.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_2468_avg_rms vs Slug



Right In: 94.105+/-0.031 χ^2/NDF : 375849.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.475+/-0.030 χ^2/NDF : 426395.5/13

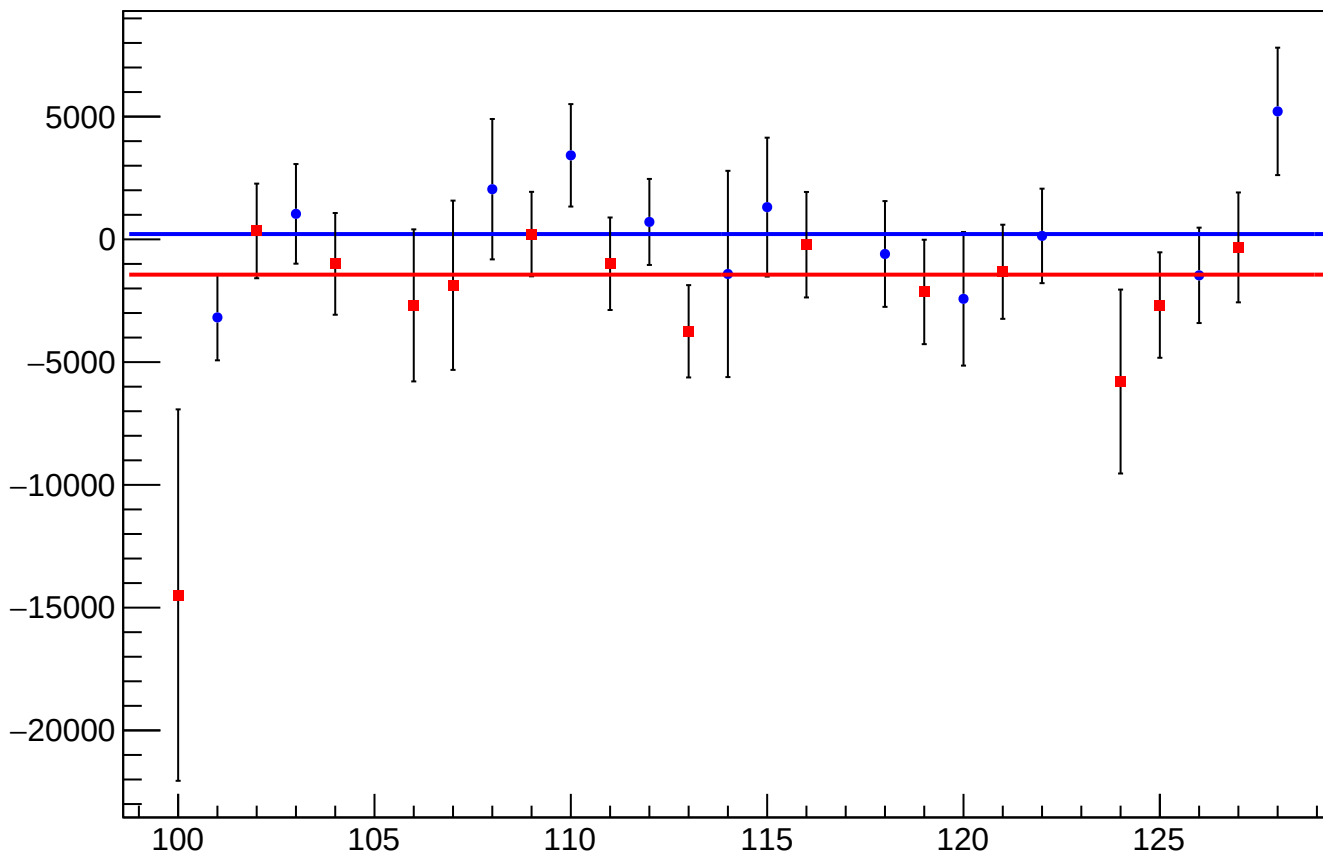
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.806+/-0.021 χ^2/NDF : 803268.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_cor_correction_mean vs Slug



Right In: 215.949 $\pm$ 637.079 χ^2 /NDF: 12.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1437.007 $\pm$ 596.720 χ^2 /NDF: 8.9/13

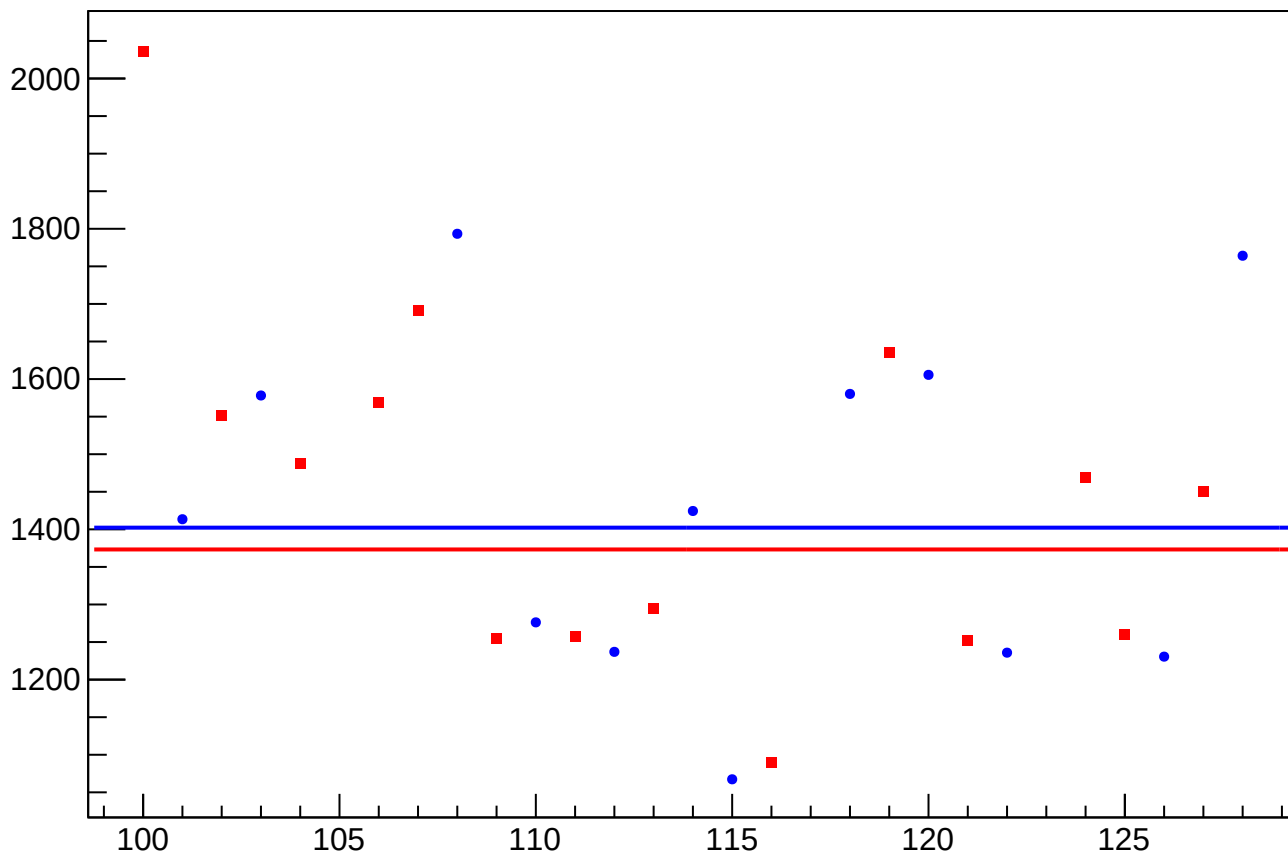
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -664.542 $\pm$ 435.514 χ^2 /NDF: 25.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_cor_correction_rms vs Slug



Right In: 1402.249+/-0.450 χ^2/NDF : 200024.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1373.231+/-0.422 χ^2/NDF : 166409.3/13

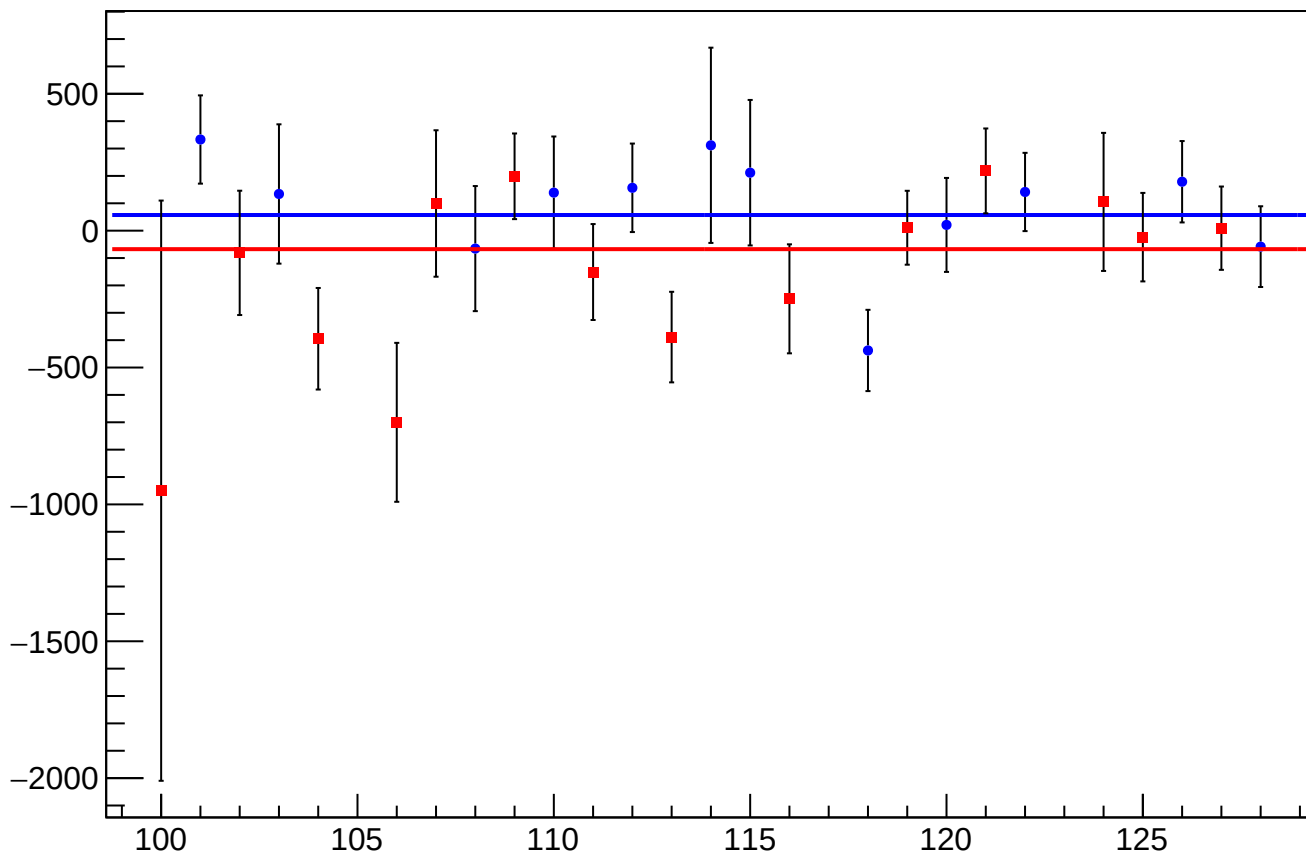
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1386.792+/-0.308 χ^2/NDF : 368643.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_2468_avg_mean vs Slug



Right In: 57.205+/-51.528 χ^2/NDF : 17.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -67.543+/-49.749 χ^2/NDF : 21.2/13

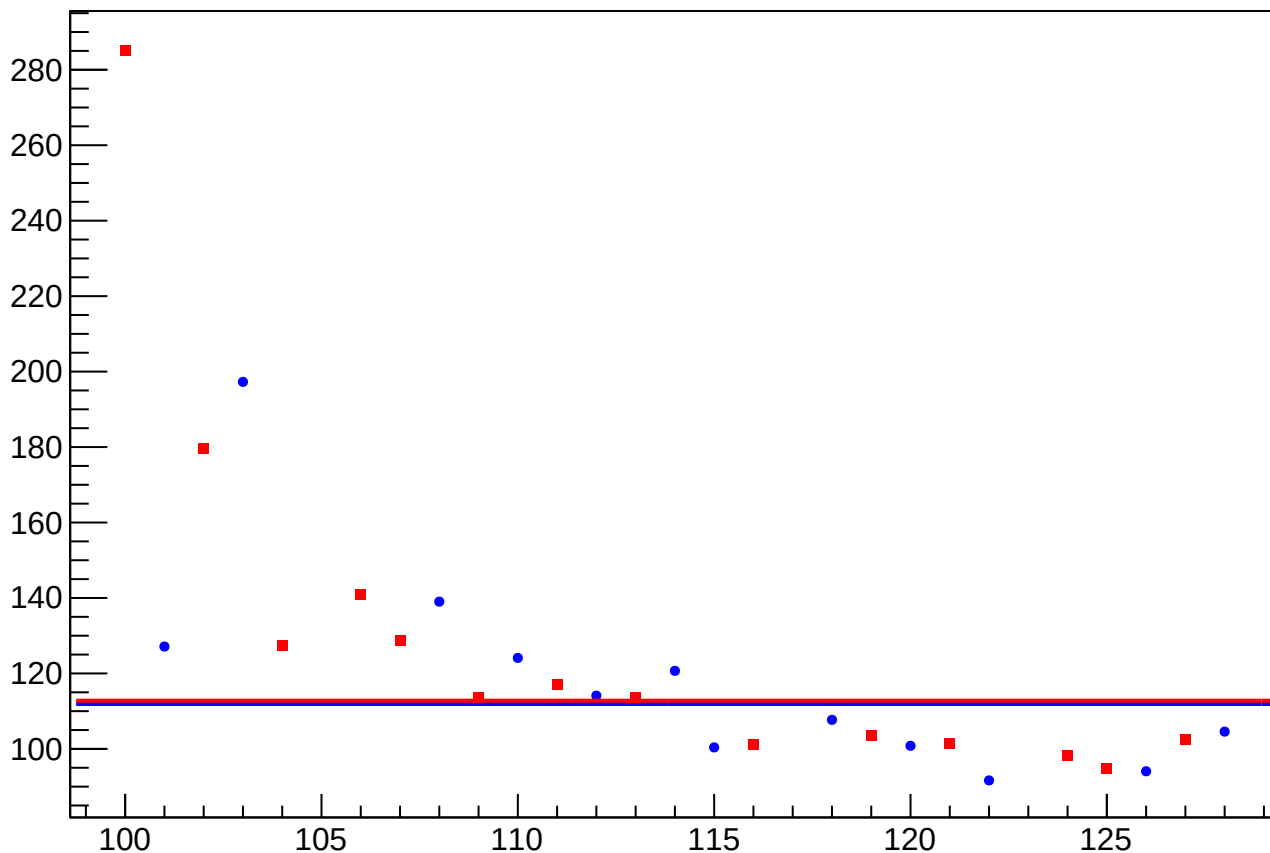
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.360+/-35.790 χ^2/NDF : 41.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_2468_avg_rms vs Slug



Right In: 111.910 $\pm$ 0.036 χ^2 /NDF: 367379.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 112.779 $\pm$ 0.035 χ^2 /NDF: 333915.0/13

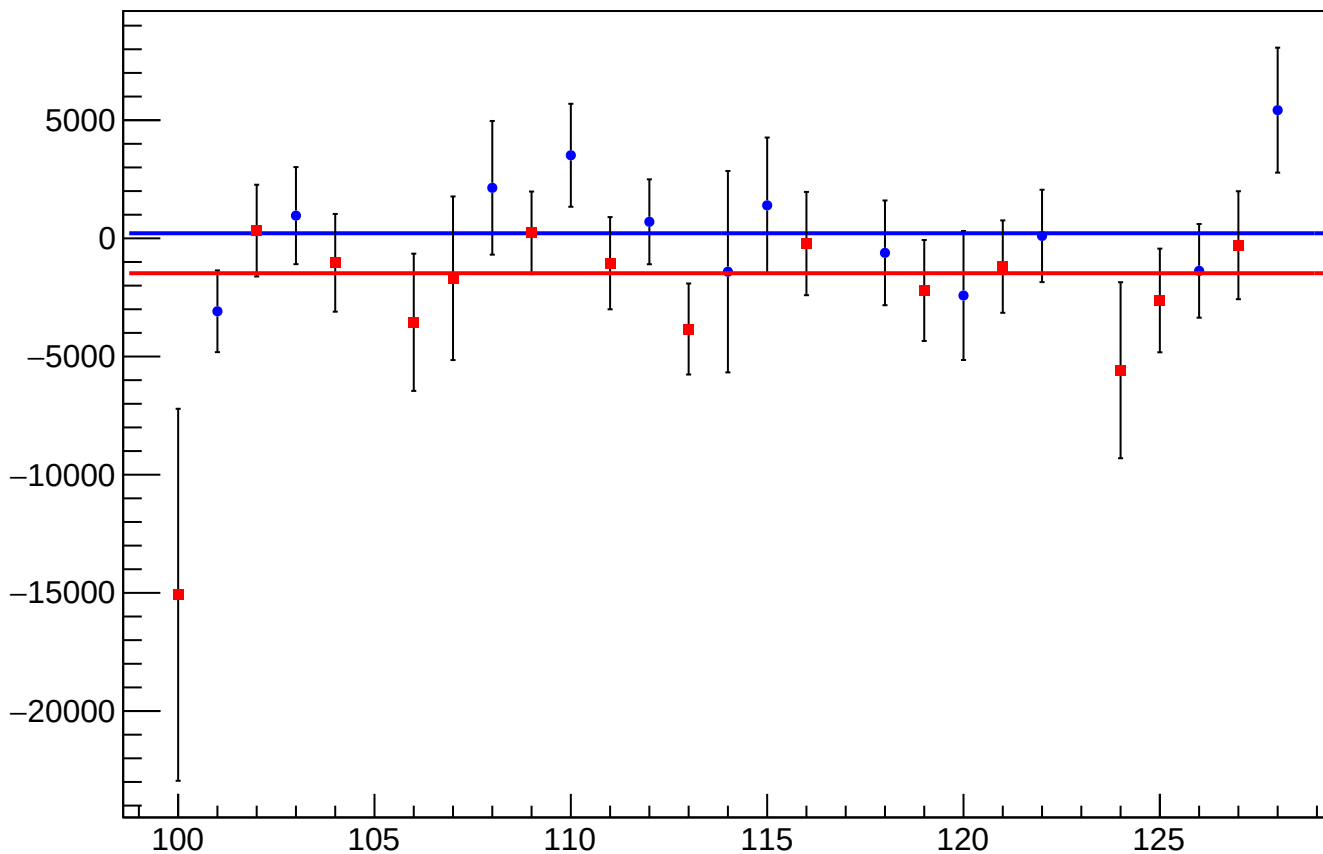
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 112.360 $\pm$ 0.025 χ^2 /NDF: 701588.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_dit_correction_mean vs Slug



Right In: 215.383 $\pm$ 646.628 χ^2 /NDF: 12.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1475.052 $\pm$ 604.104 χ^2 /NDF: 9.1/13

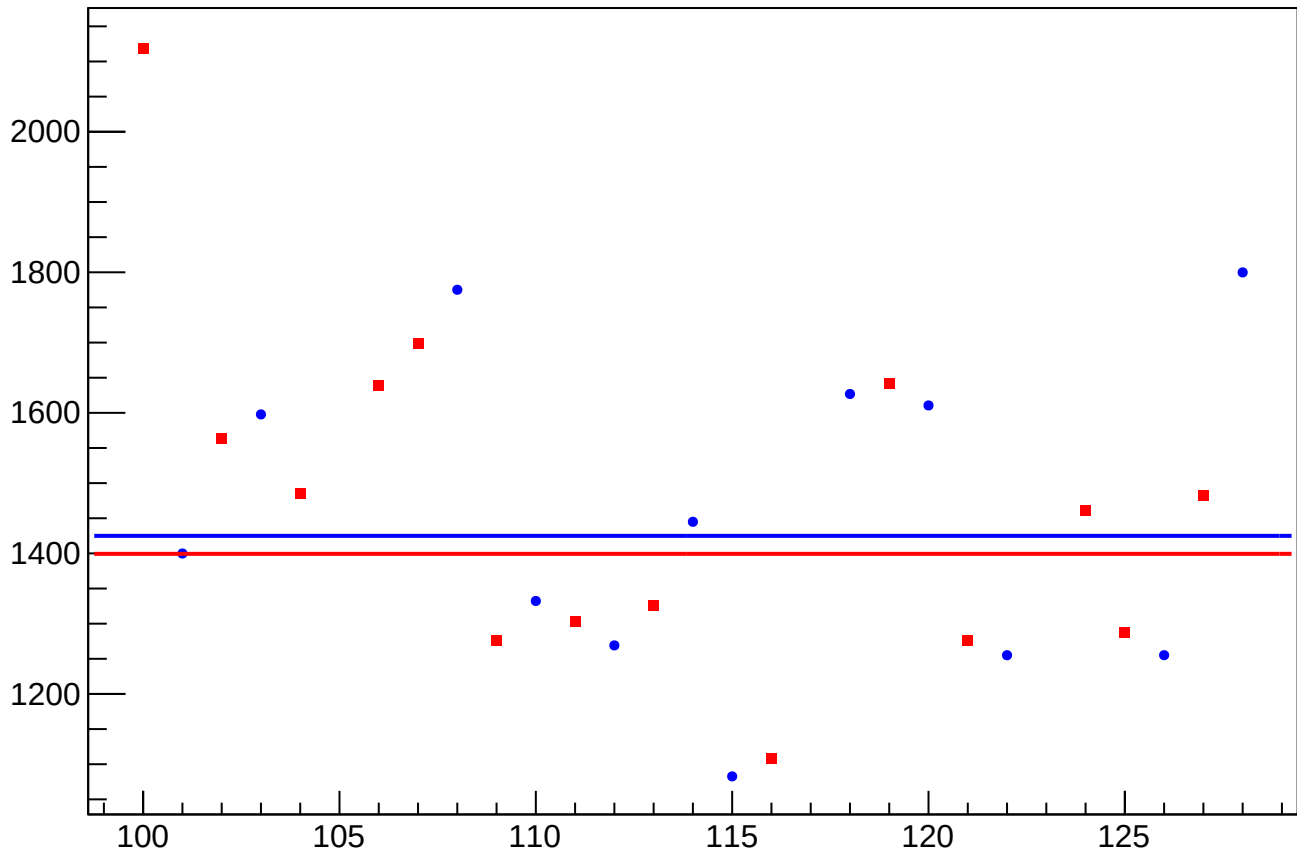
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -687.242 $\pm$ 441.434 χ^2 /NDF: 25.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_dit_correction_rms vs Slug



Right In: 1424.959+/-0.457 χ^2/NDF : 188310.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1399.386+/-0.427 χ^2/NDF : 158156.1/13

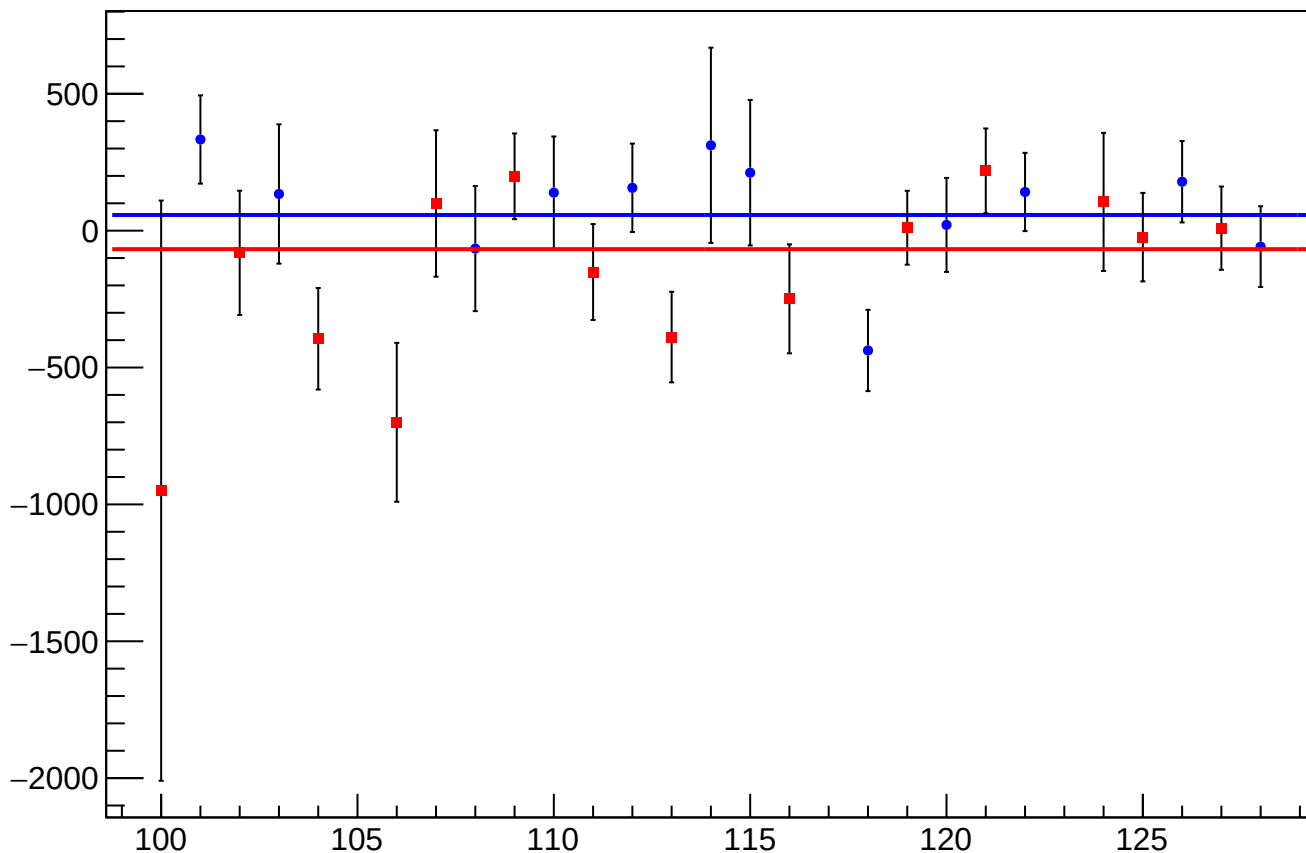
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1411.304+/-0.312 χ^2/NDF : 348137.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_2468_avg_mean vs Slug



Right In: 57.202+/-51.528 χ^2/NDF : 17.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -67.542+/-49.749 χ^2/NDF : 21.2/13

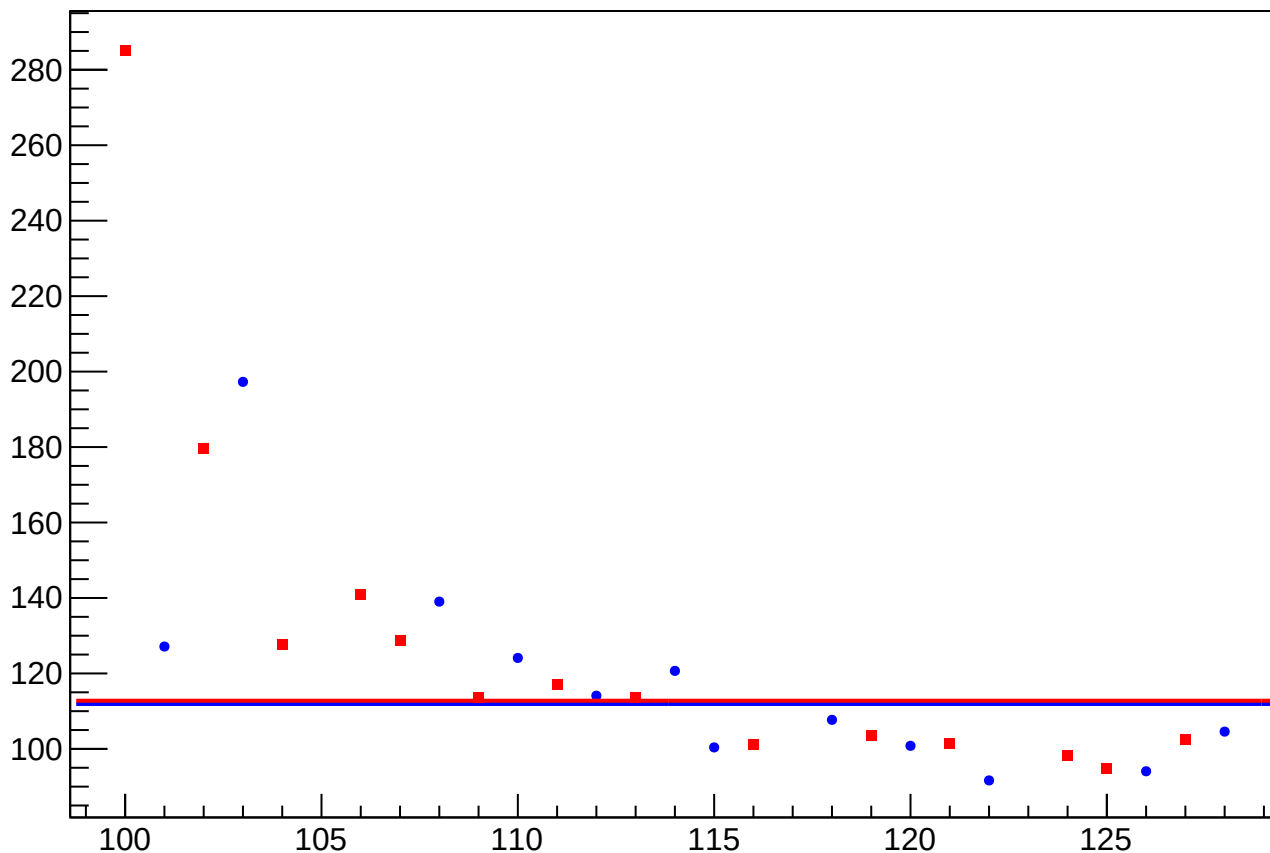
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.360+/-35.790 χ^2/NDF : 41.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_2468_avg_rms vs Slug



Right In: 111.909+/-0.036 χ^2/NDF : 367376.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.778+/-0.035 χ^2/NDF : 333912.8/13

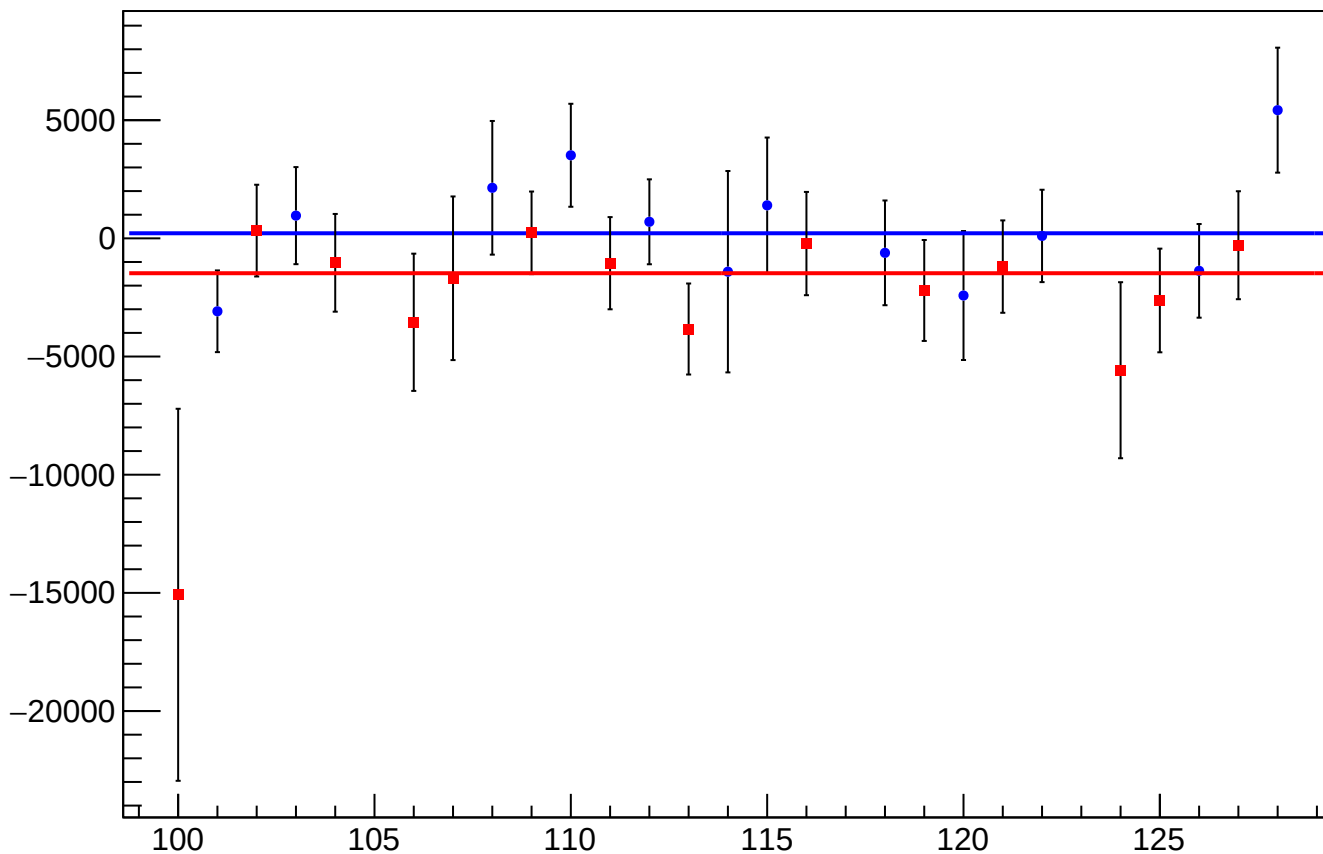
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.359+/-0.025 χ^2/NDF : 701583.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_dit_correction_mean vs Slug



Right In: 215.385+/-646.626 χ^2/NDF : 12.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1475.050+/-604.103 χ^2/NDF : 9.1/13

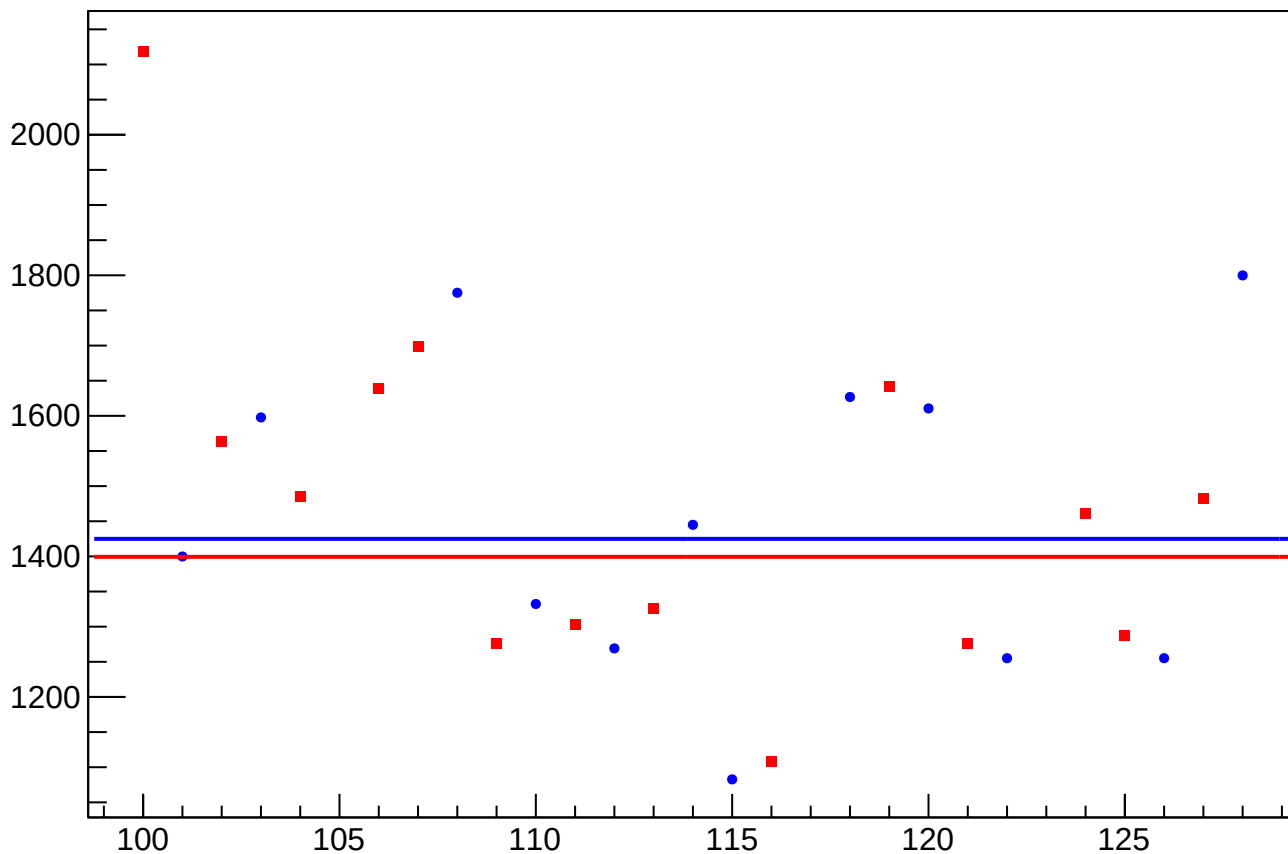
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -687.239+/-441.433 χ^2/NDF : 25.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_dit_correction_rms vs Slug



Right In: 1424.955+/-0.457 χ^2/NDF : 188311.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

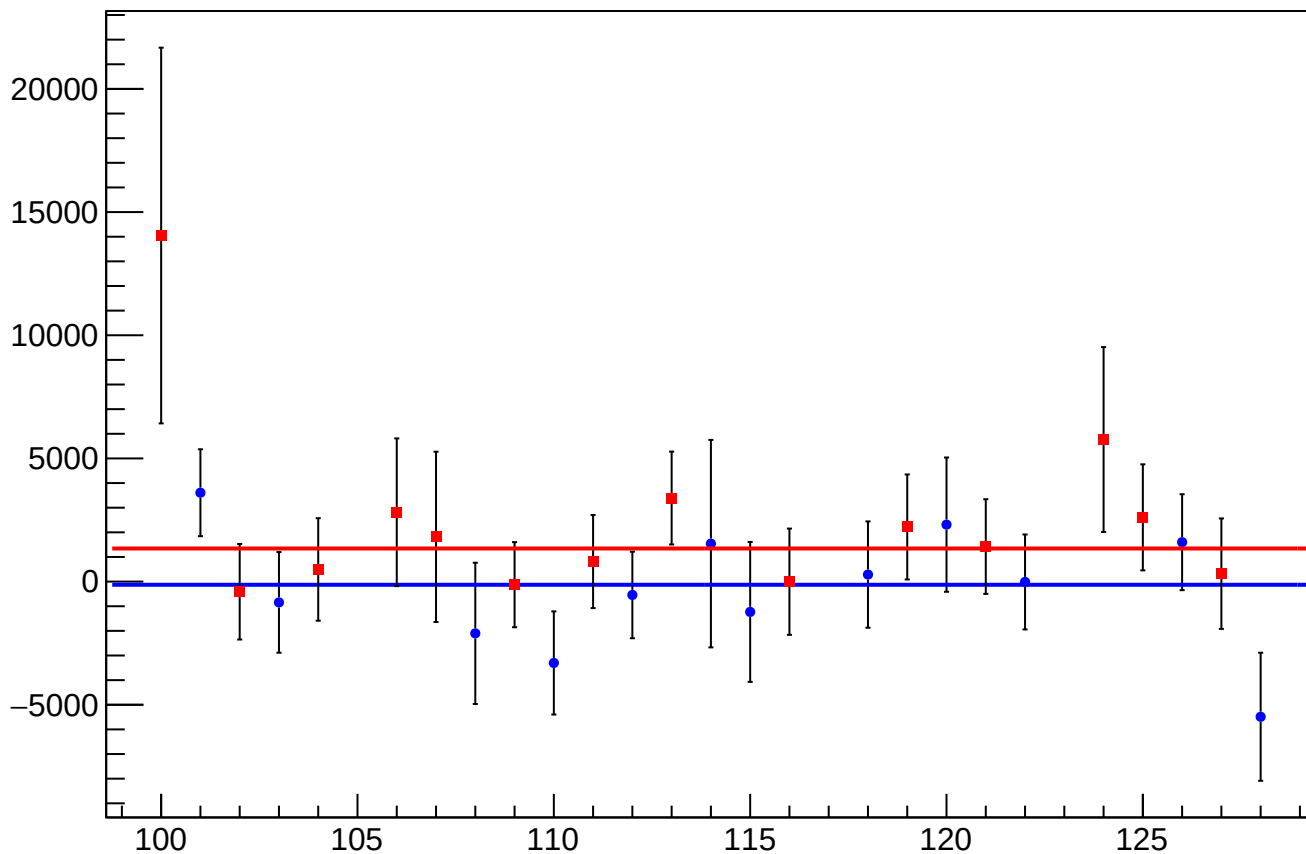
Right Out: 1399.383+/-0.427 χ^2/NDF : 158157.0/13

All: 1411.301+/-0.312 χ^2/NDF : 348138.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_mean vs Slug



Right In: -128.804+/-639.511 χ^2/NDF : 13.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1343.971+/-597.810 χ^2/NDF : 8.5/13

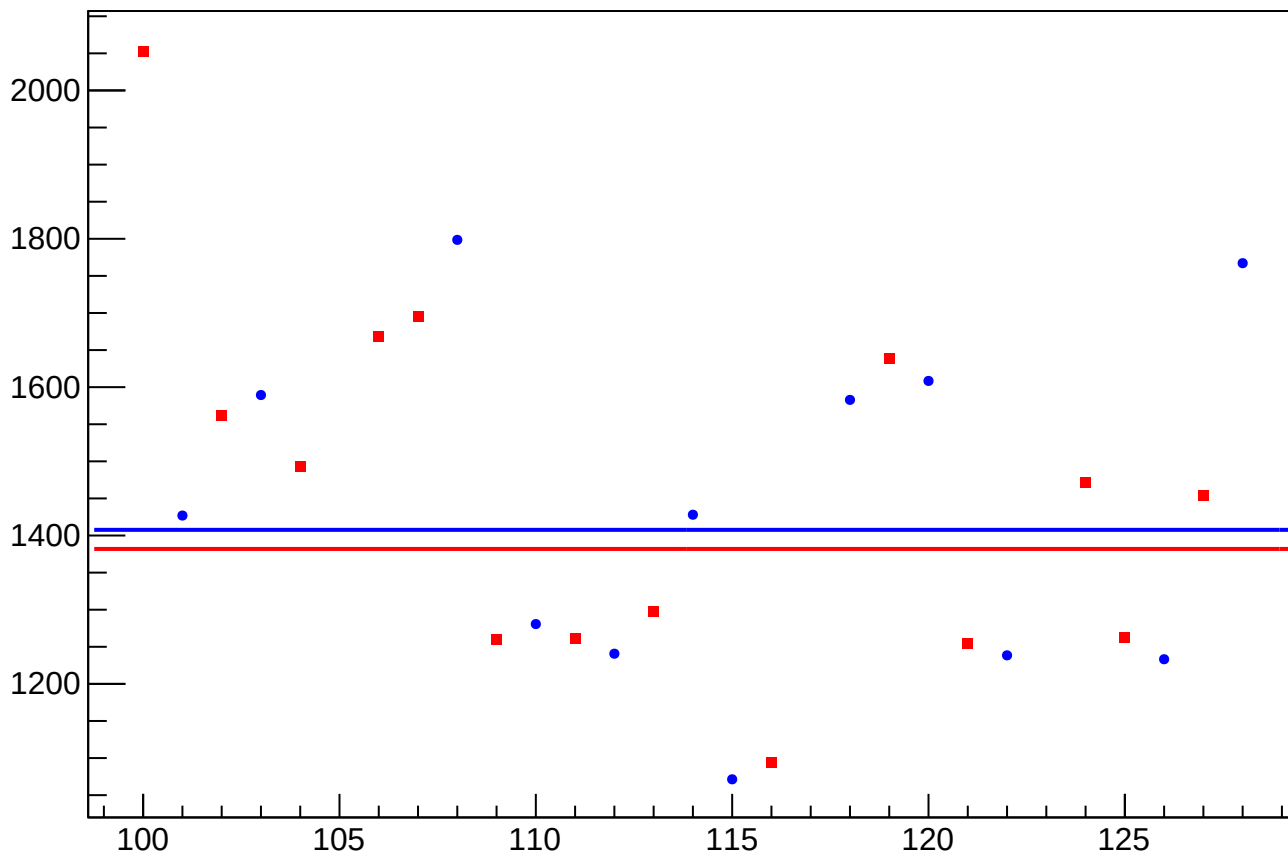
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 657.163+/-436.714 χ^2/NDF : 25.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_rms vs Slug



Right In: 1407.654+/-0.452 χ^2/NDF : 200501.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1381.921+/-0.423 χ^2/NDF : 178035.5/13

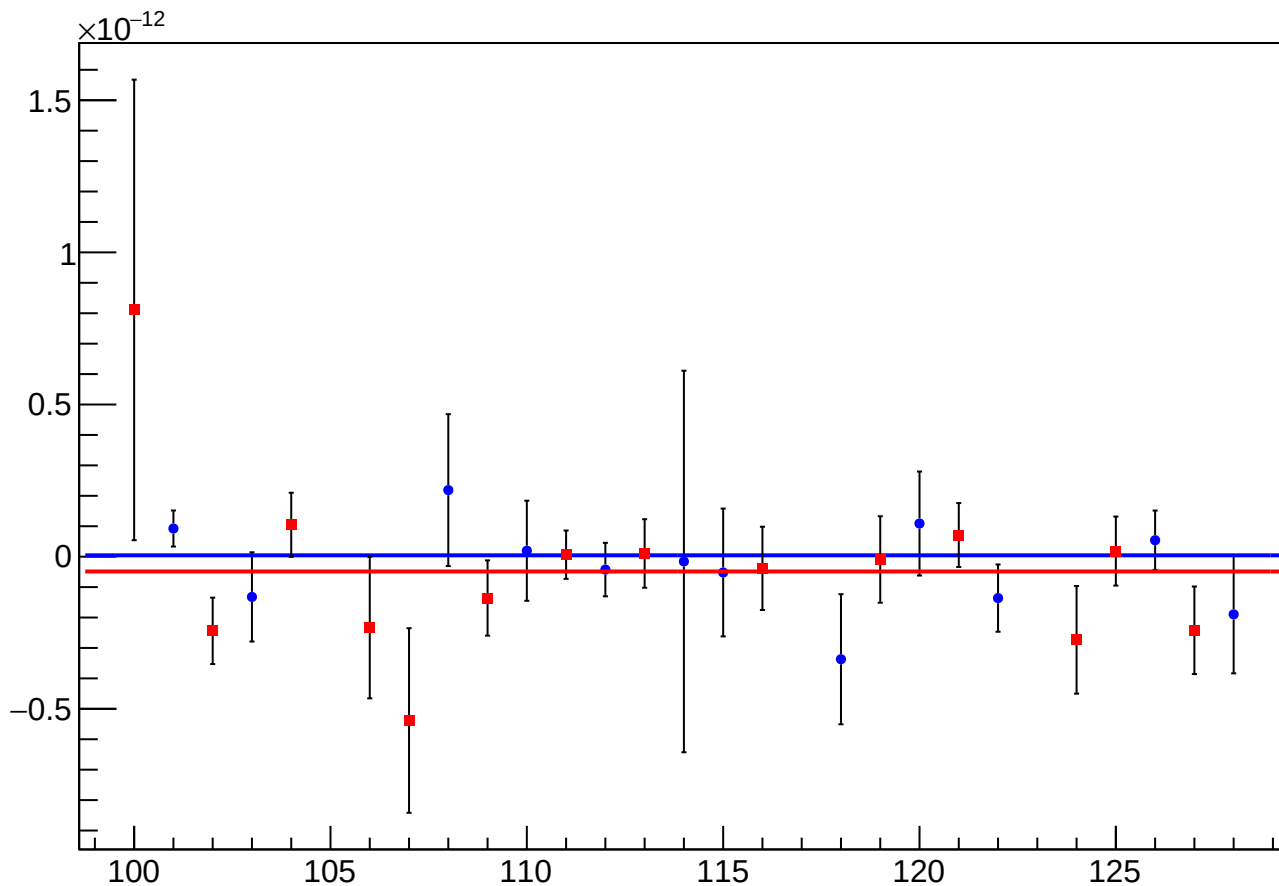
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1393.922+/-0.309 χ^2/NDF : 380265.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 16.3/13

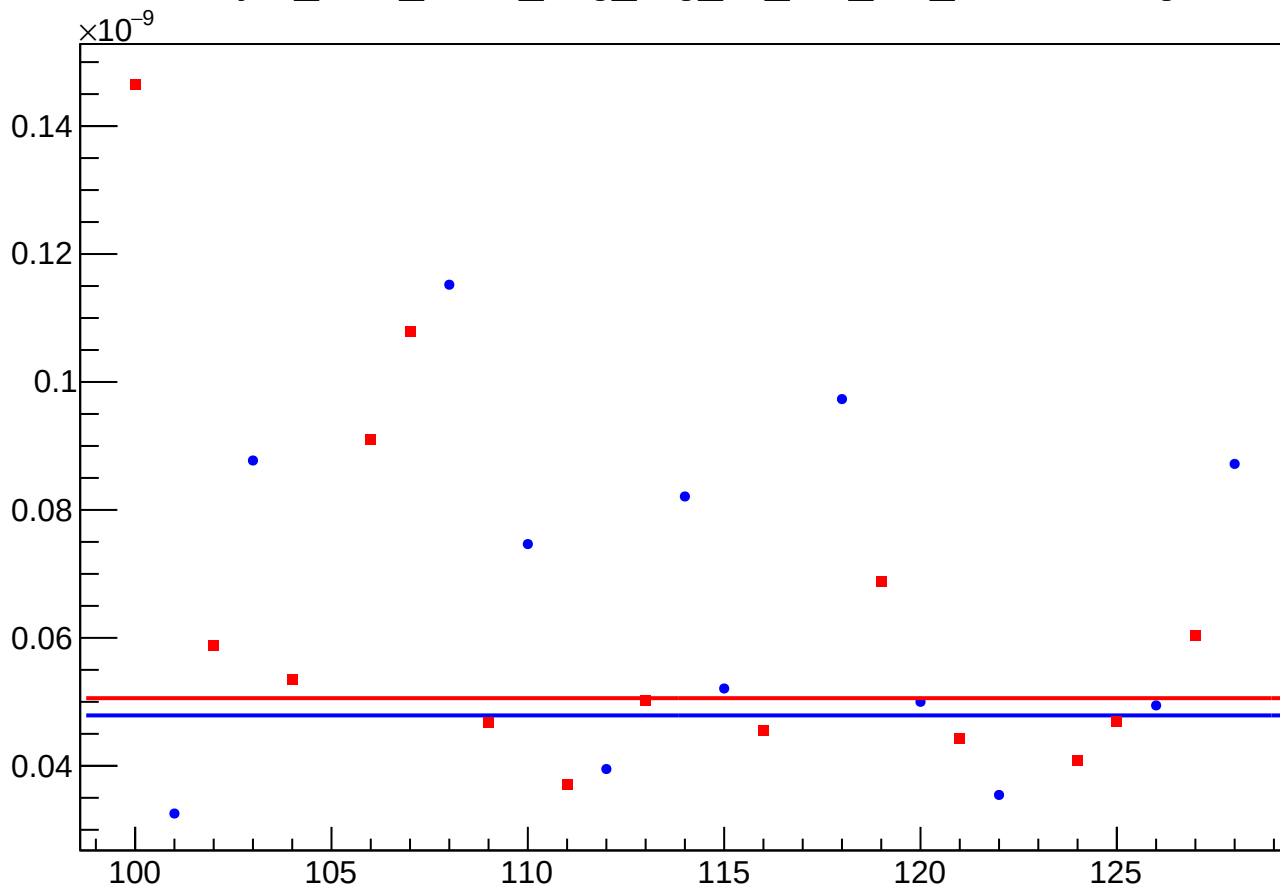
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 27.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 720334.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 296197.5/13

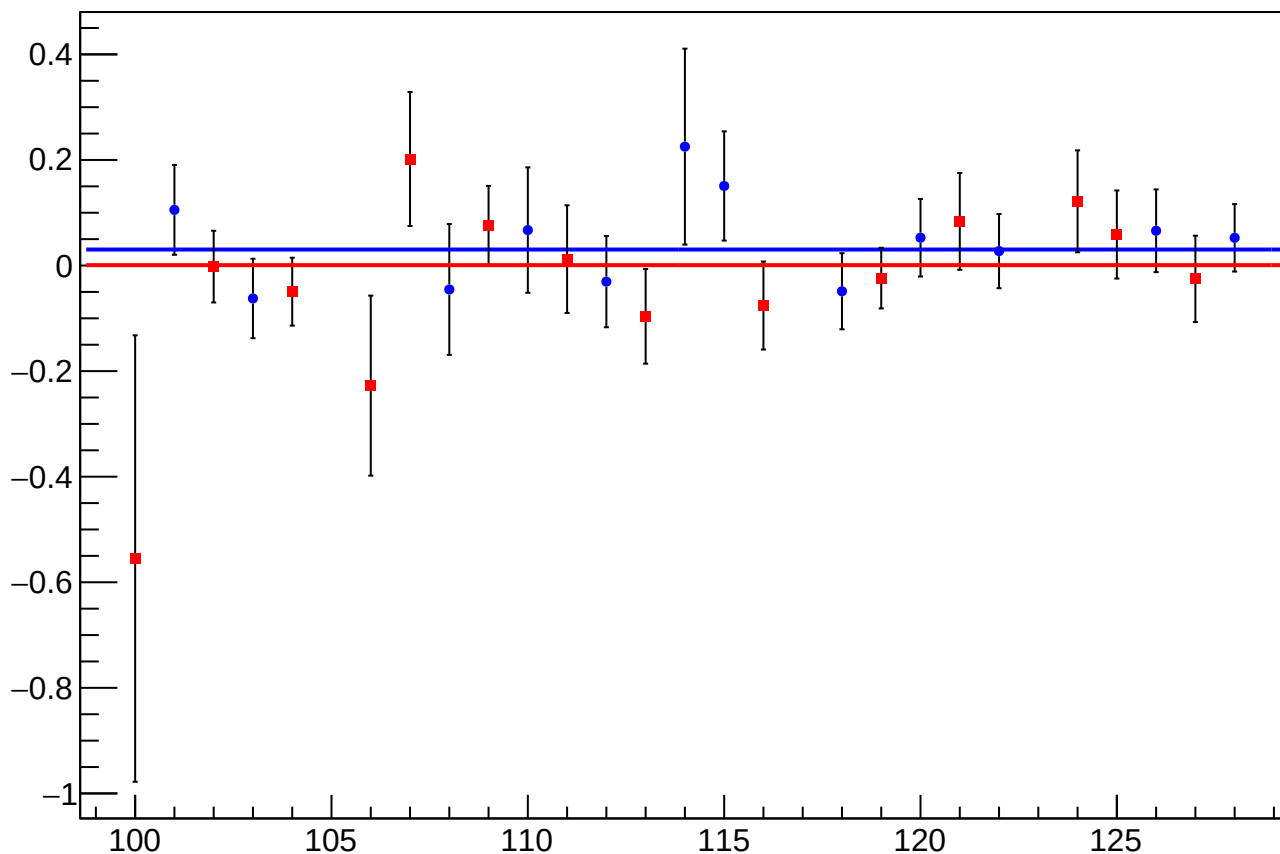
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1022582.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.030 $\pm$ 0.024 χ^2 /NDF: 7.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.023 χ^2 /NDF: 12.8/13

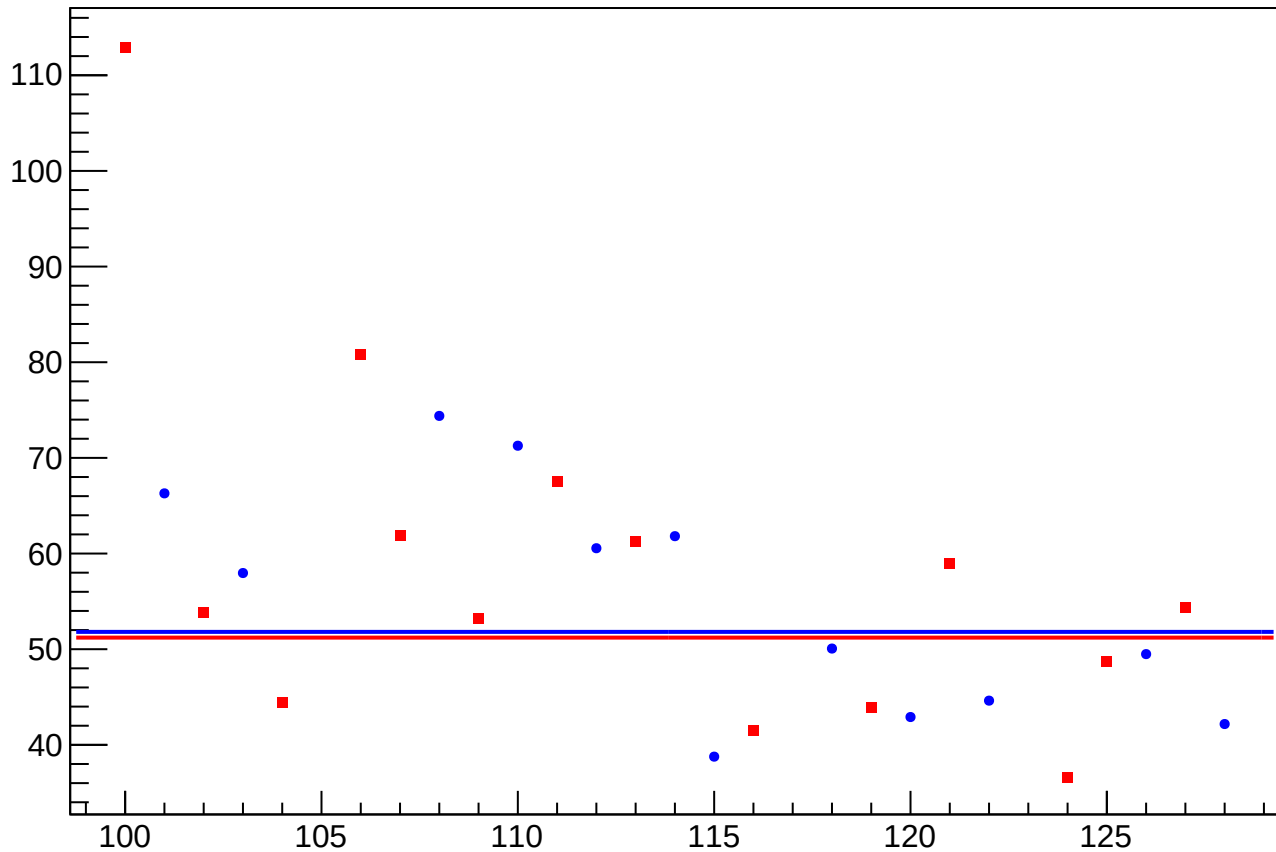
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.015 $\pm$ 0.017 χ^2 /NDF: 21.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_dit_vs_cor_diff_rms vs Slug



Right In: 51.811+/-0.017 χ^2/NDF : 348172.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.212+/-0.016 χ^2/NDF : 344375.5/13

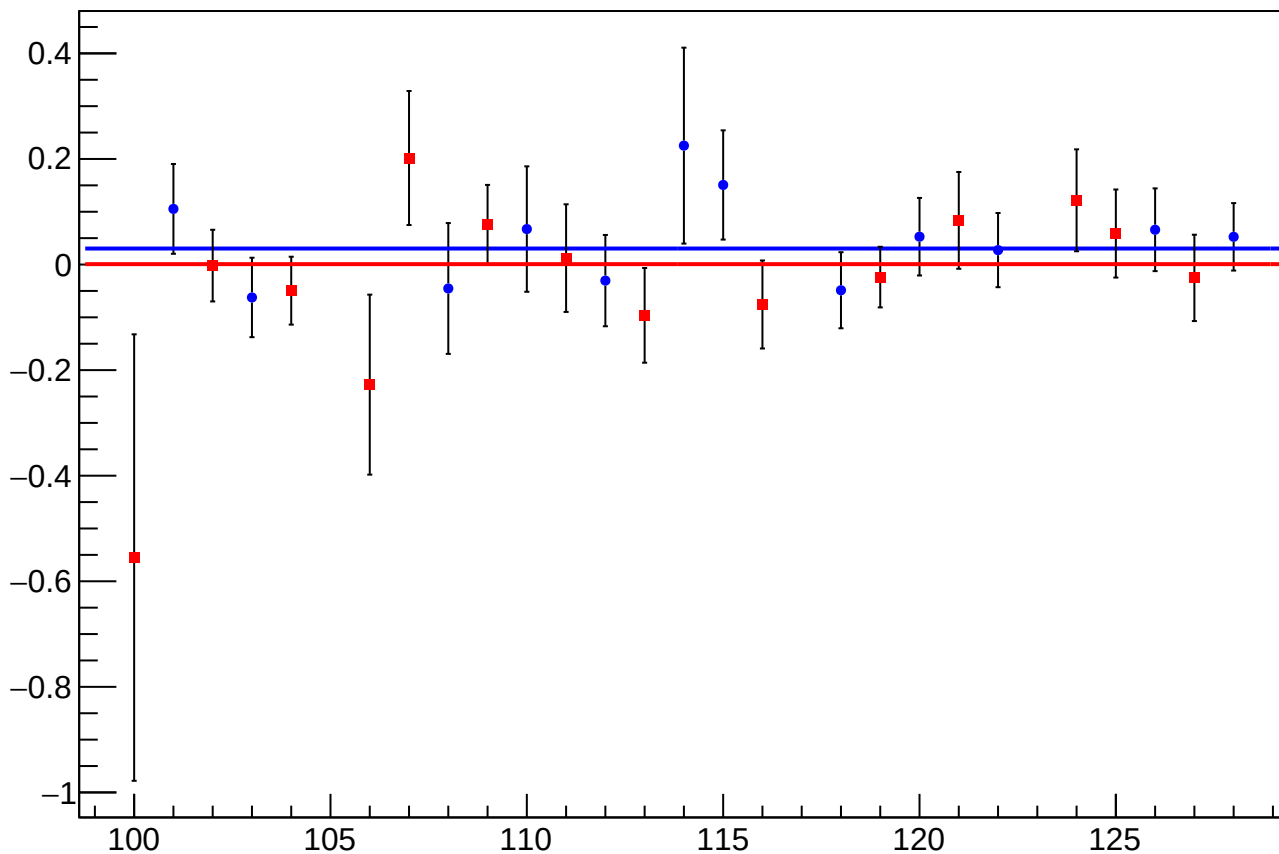
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.493+/-0.012 χ^2/NDF : 693193.5/25

- 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: 0.030 $\pm$ 0.024 χ^2 /NDF: 7.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.023 χ^2 /NDF: 12.8/13

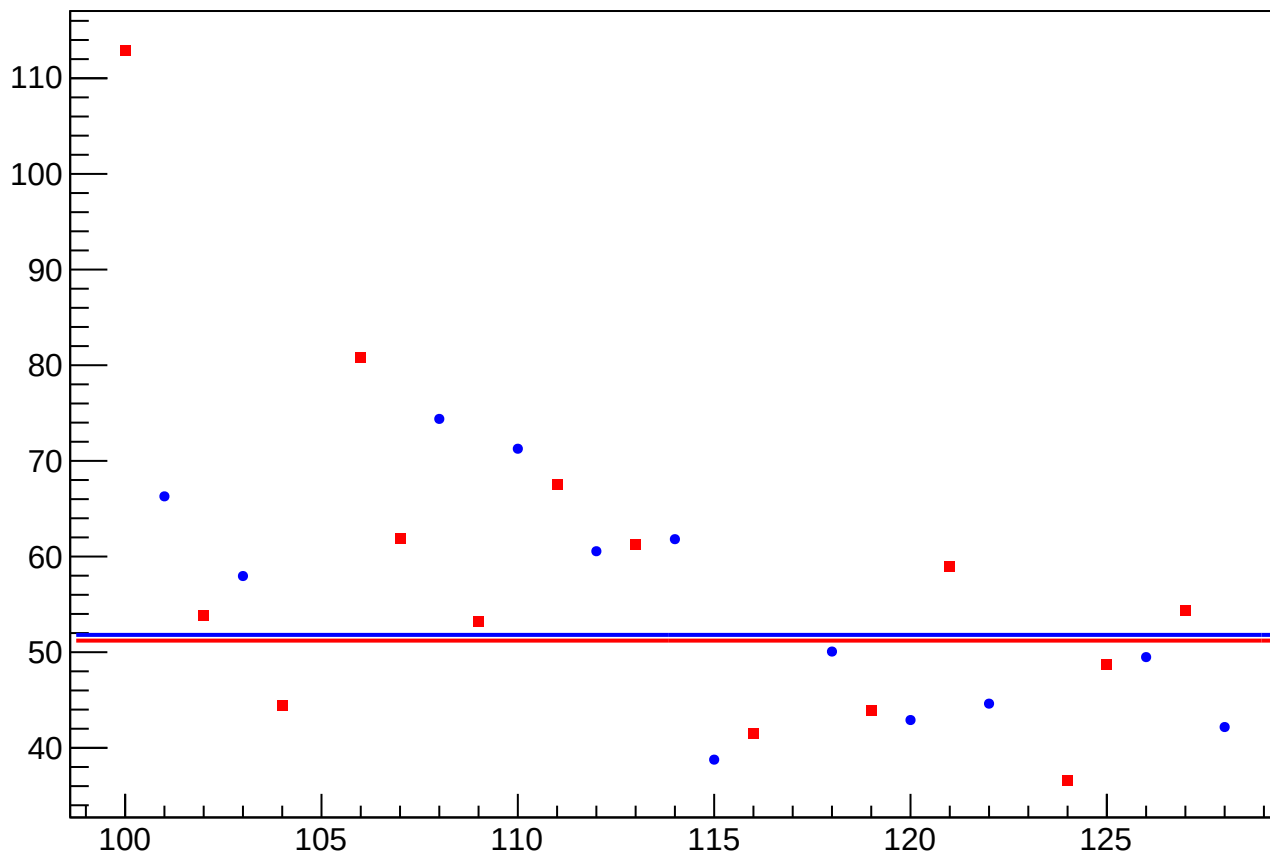
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.015 $\pm$ 0.017 χ^2 /NDF: 21.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 51.811+/-0.017 χ^2/NDF : 348172.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.212+/-0.016 χ^2/NDF : 344375.5/13

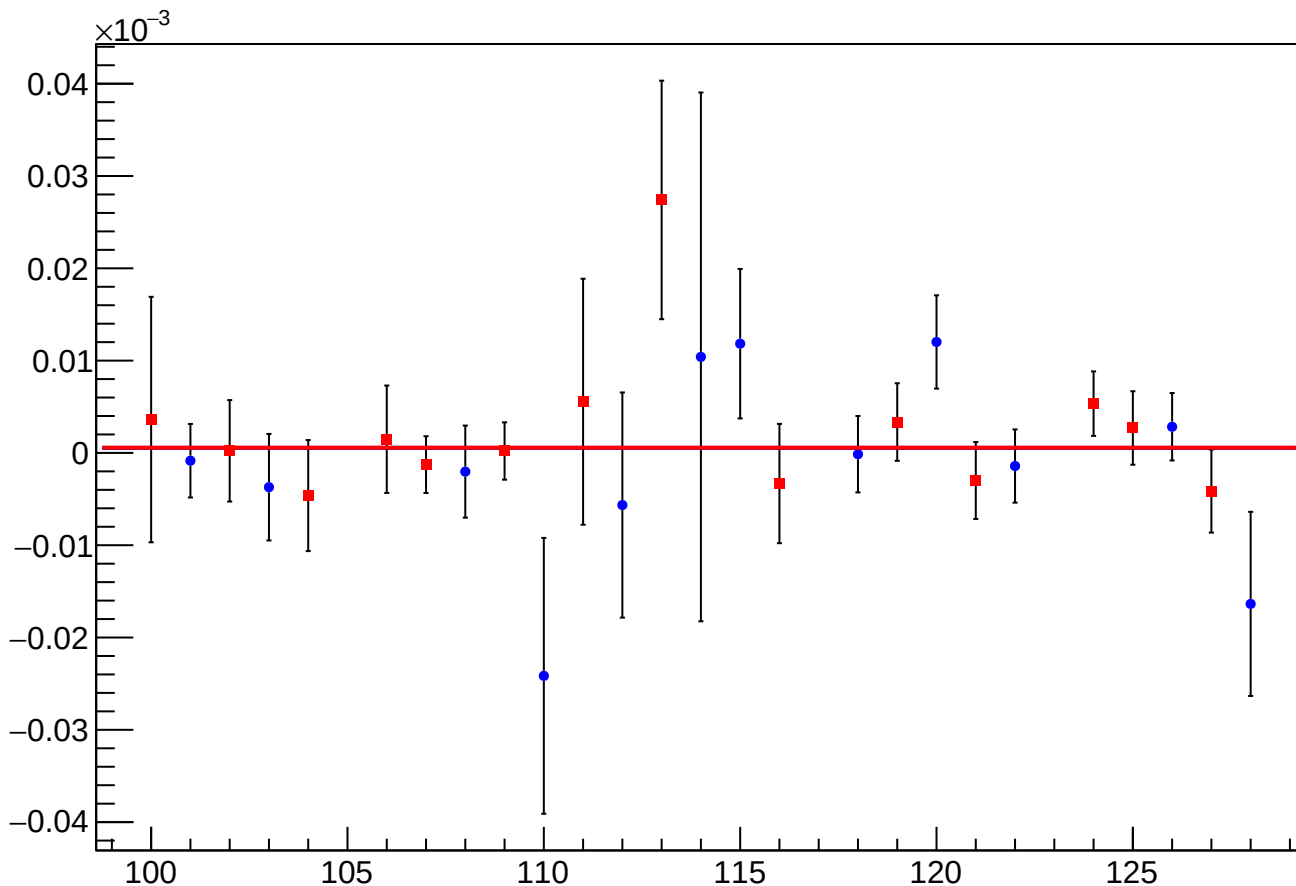
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.493+/-0.012 χ^2/NDF : 693193.5/25

- 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 : 14.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.4/13

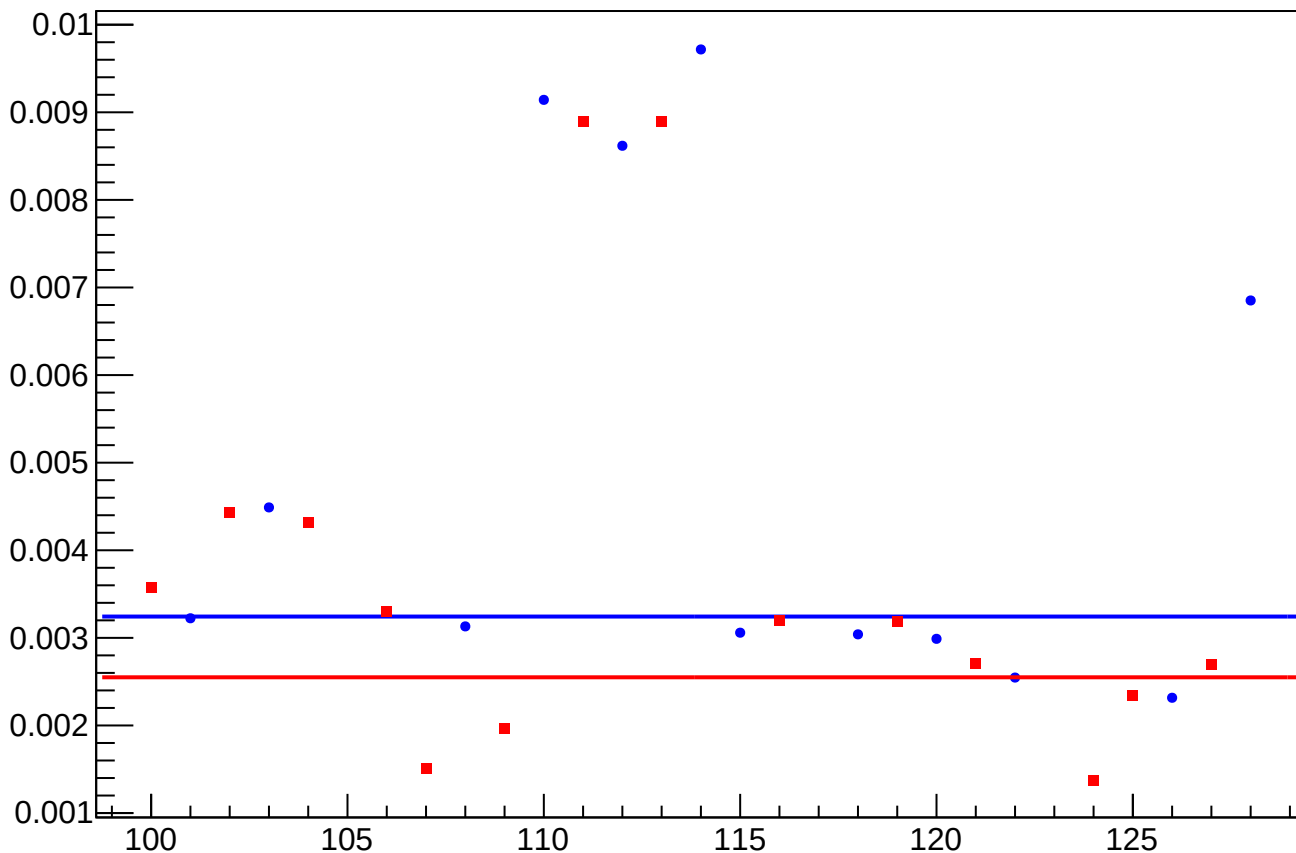
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.1/25

- 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 : 1359410.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1995631.3/13

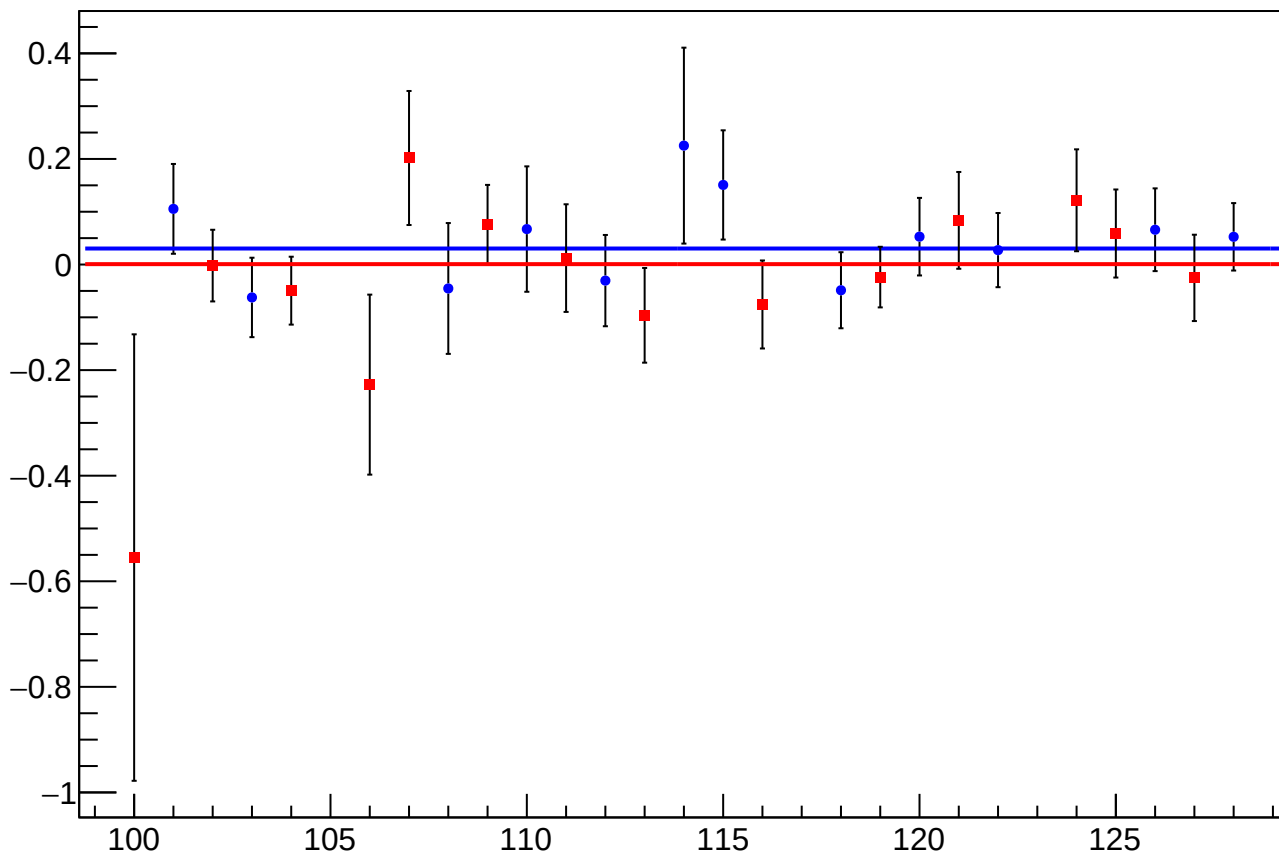
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3595677.5/25

- 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: 0.030 $\pm$ 0.024 χ^2 /NDF: 7.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.023 χ^2 /NDF: 12.8/13

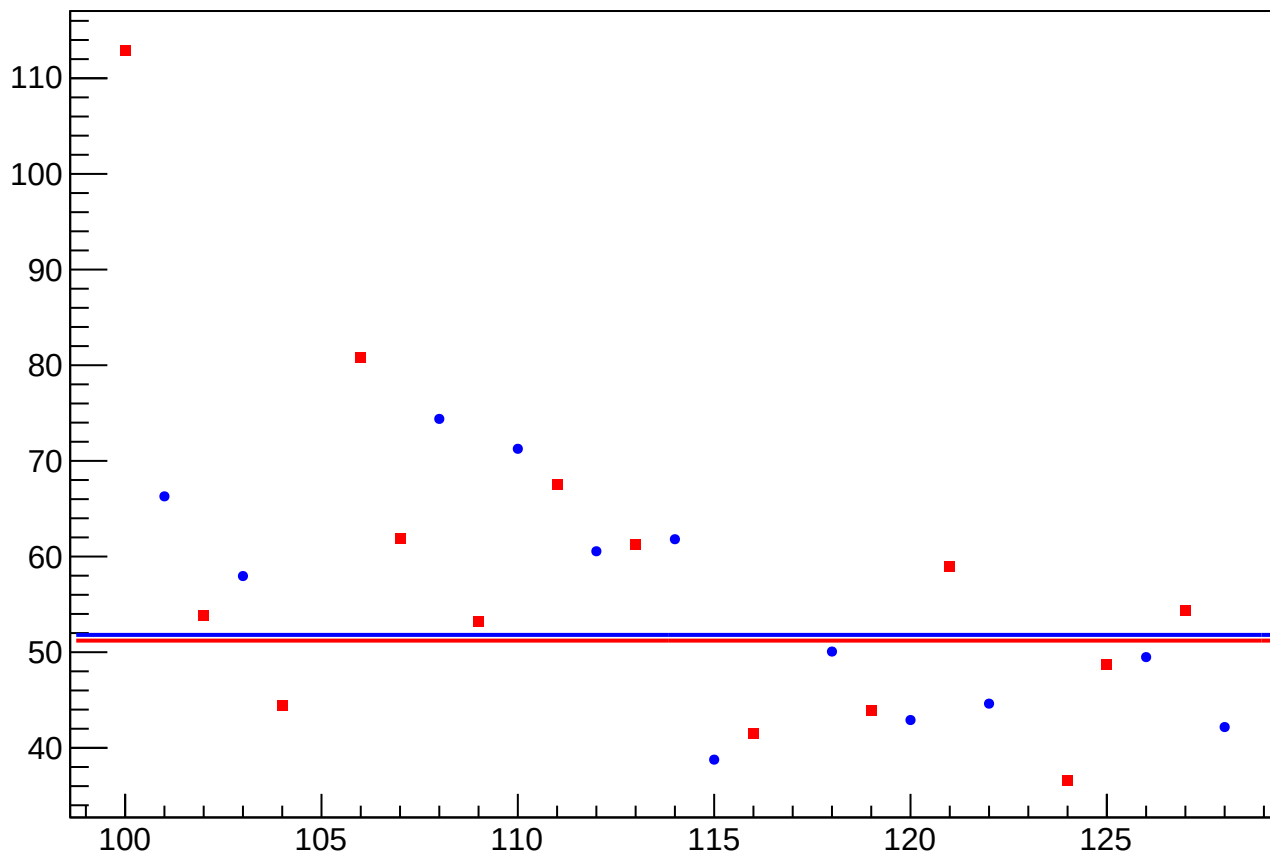
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.015 $\pm$ 0.017 χ^2 /NDF: 21.0/25

- 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: 51.810+/-0.017 χ^2/NDF : 348152.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.212+/-0.016 χ^2/NDF : 344314.3/13

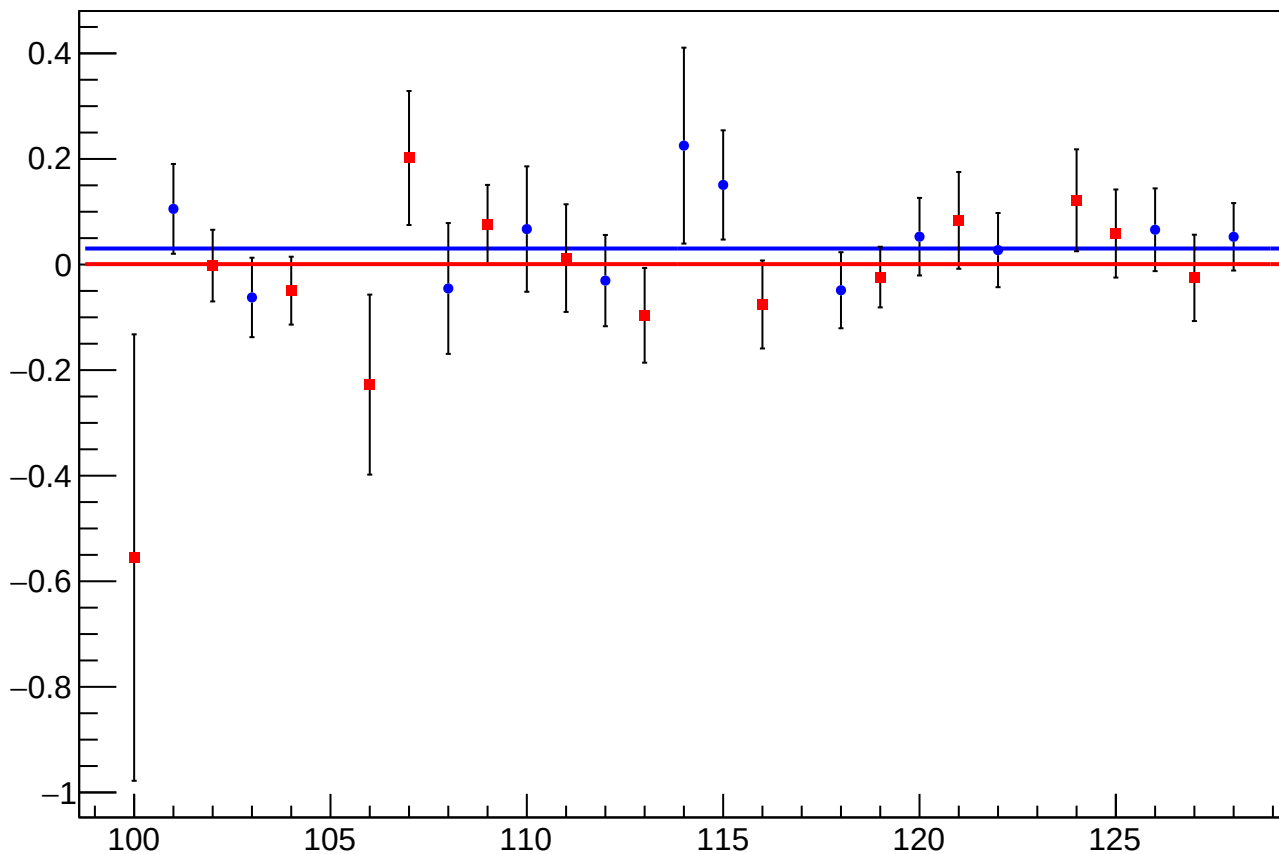
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.492+/-0.012 χ^2/NDF : 693112.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.030 $\pm$ 0.024 χ^2 /NDF: 7.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.023 χ^2 /NDF: 12.8/13

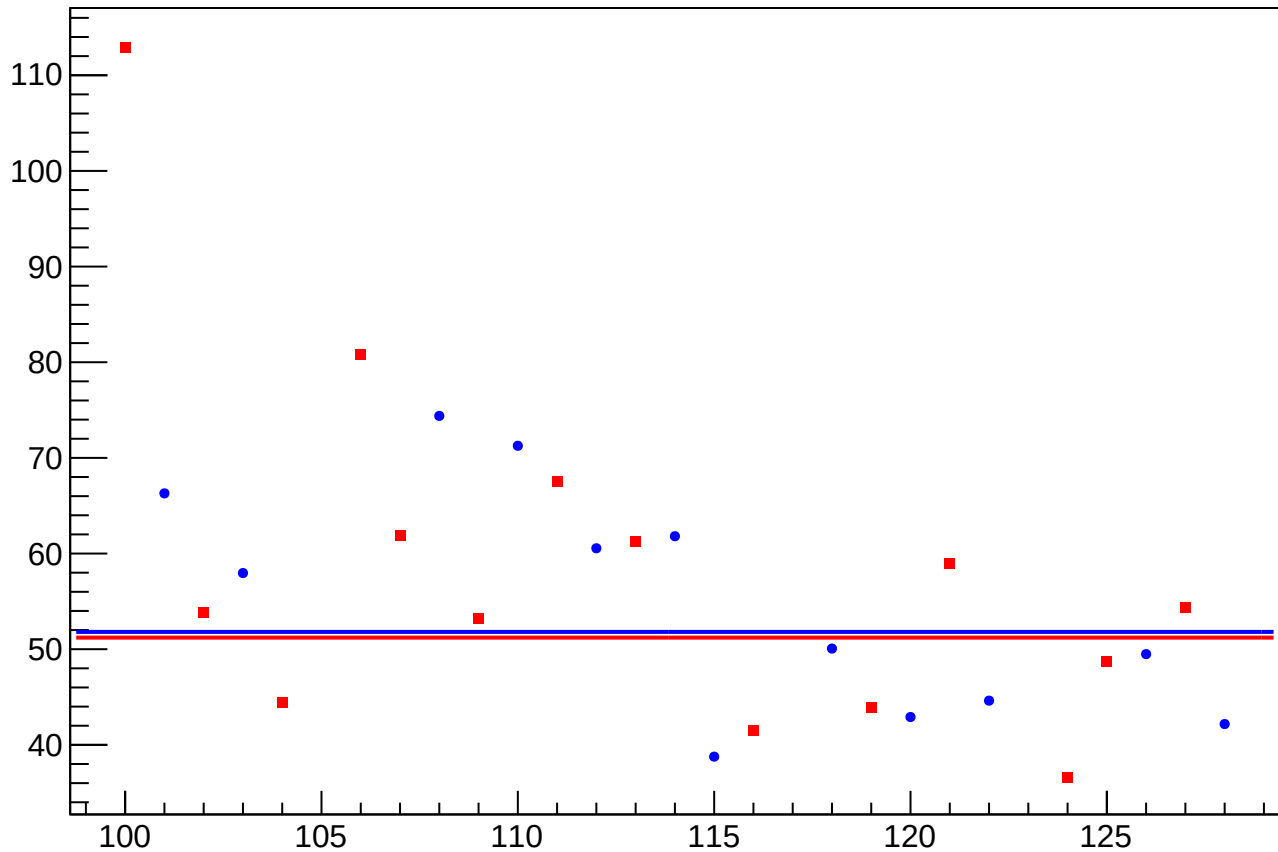
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.015 $\pm$ 0.017 χ^2 /NDF: 21.0/25

- 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: 51.810 $\pm$ 0.017 χ^2 /NDF: 348152.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 51.212 $\pm$ 0.016 χ^2 /NDF: 344314.3/13

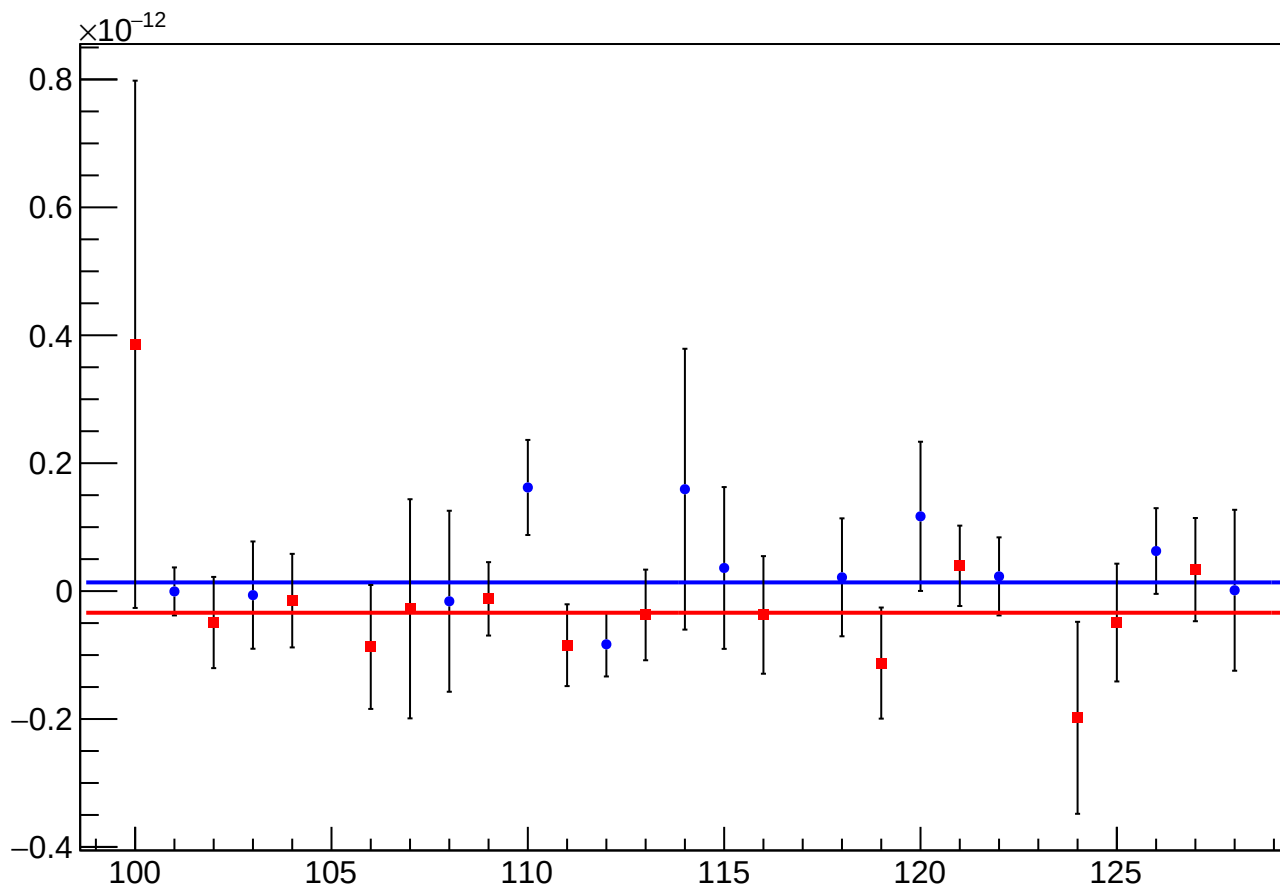
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 51.492 $\pm$ 0.012 χ^2 /NDF: 693112.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.3/13

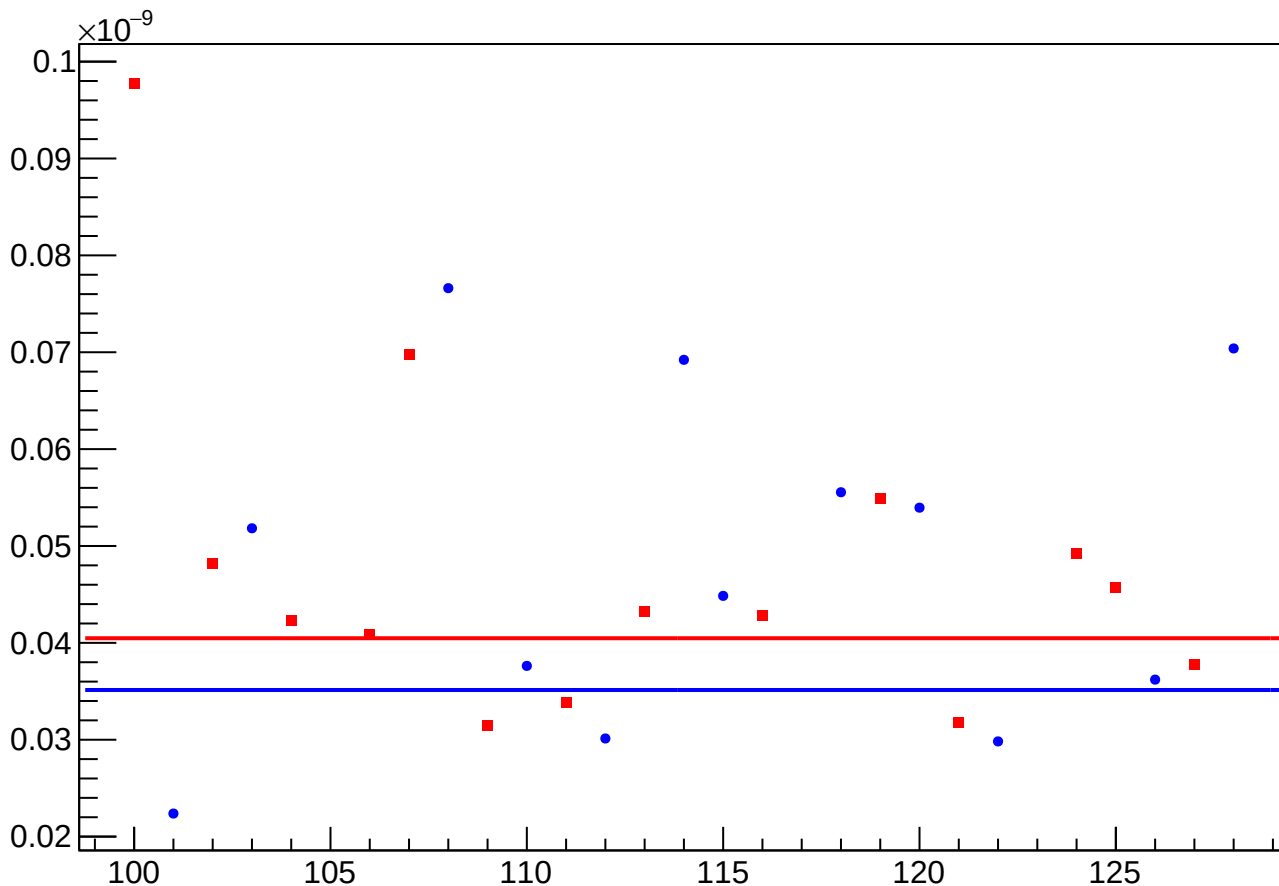
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 887027.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 305455.1/13

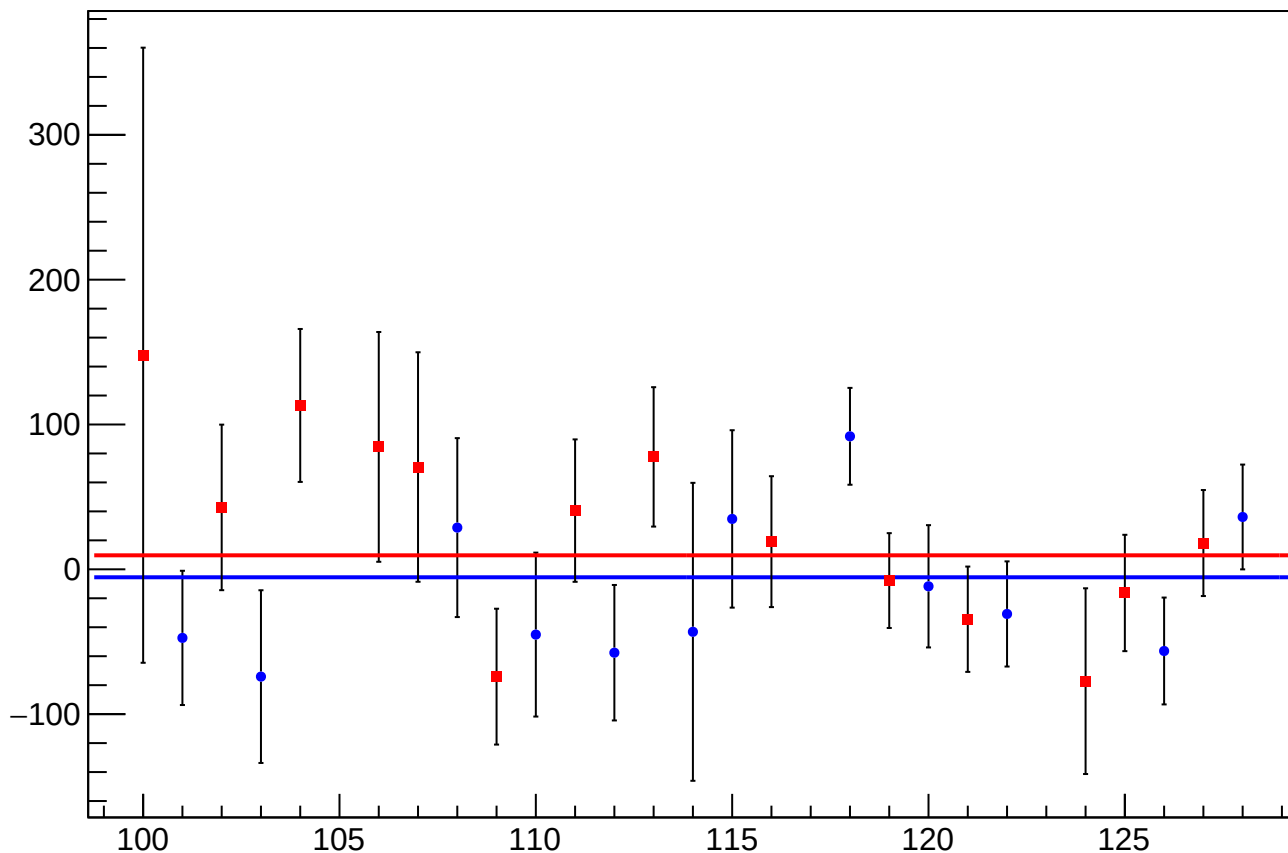
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1255228.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_2468_dd_mean vs Slug



Right In: -5.501 ± 13.073 $\chi^2/\text{NDF}: 17.0/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 9.667 ± 12.811 $\chi^2/\text{NDF}: 15.8/13$

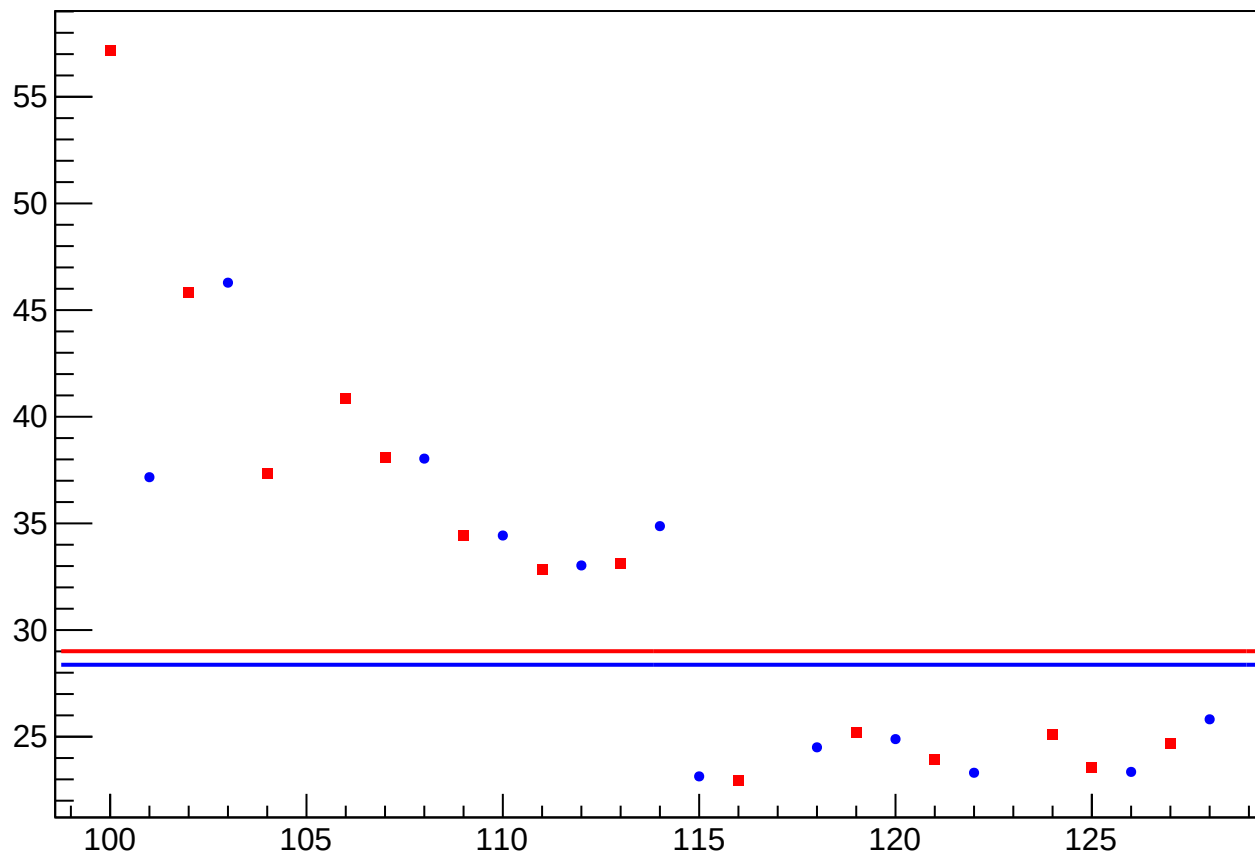
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 2.236 ± 9.150 $\chi^2/\text{NDF}: 33.4/25$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_1357_2468_dd_rms vs Slug



Right In: 28.373+/-0.009 χ^2/NDF : 493082.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.008+/-0.009 χ^2/NDF : 556430.6/13

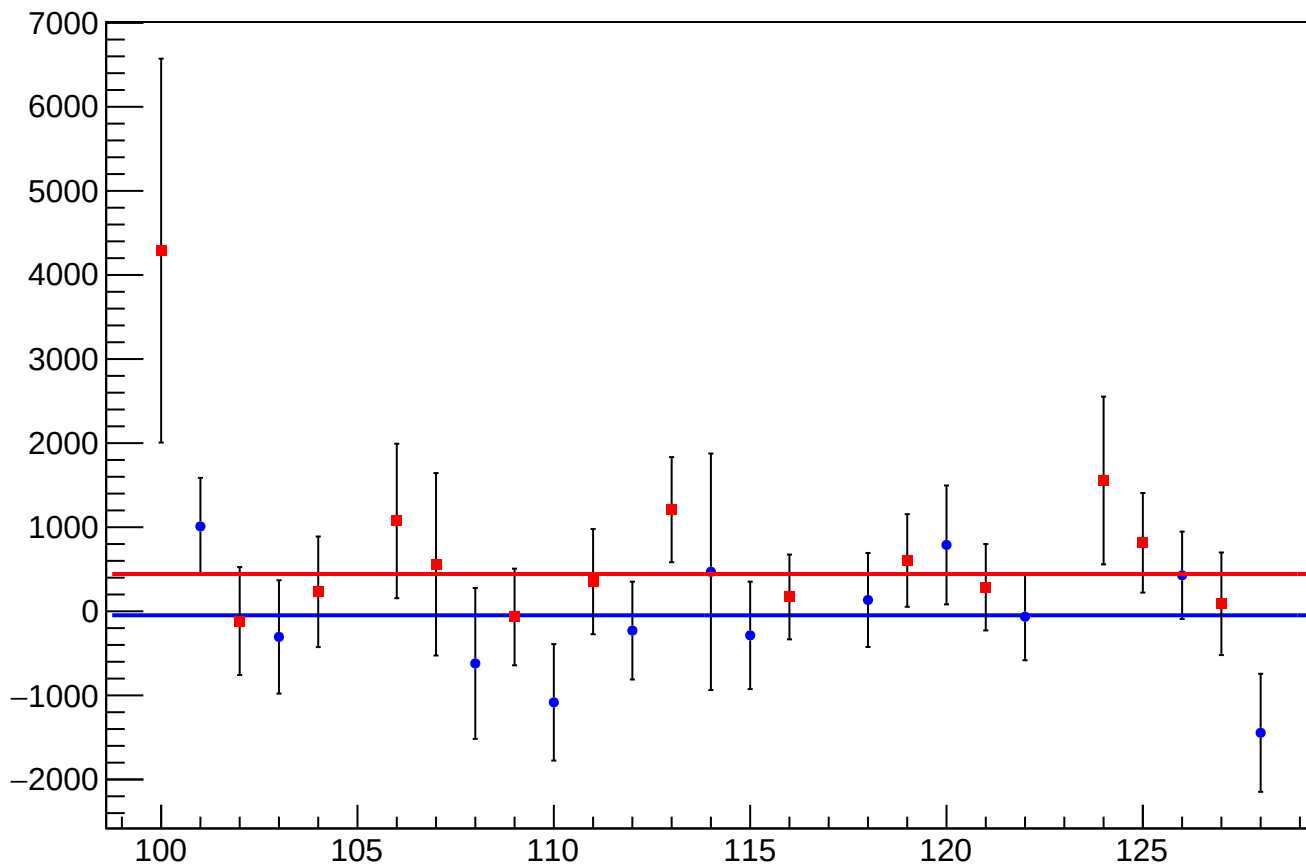
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.697+/-0.006 χ^2/NDF : 1051921.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_reg_correction_mean vs Slug



Right In: -47.555 $\pm$ 185.377 χ^2 /NDF: 12.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 443.713 $\pm$ 174.962 χ^2 /NDF: 8.9/13

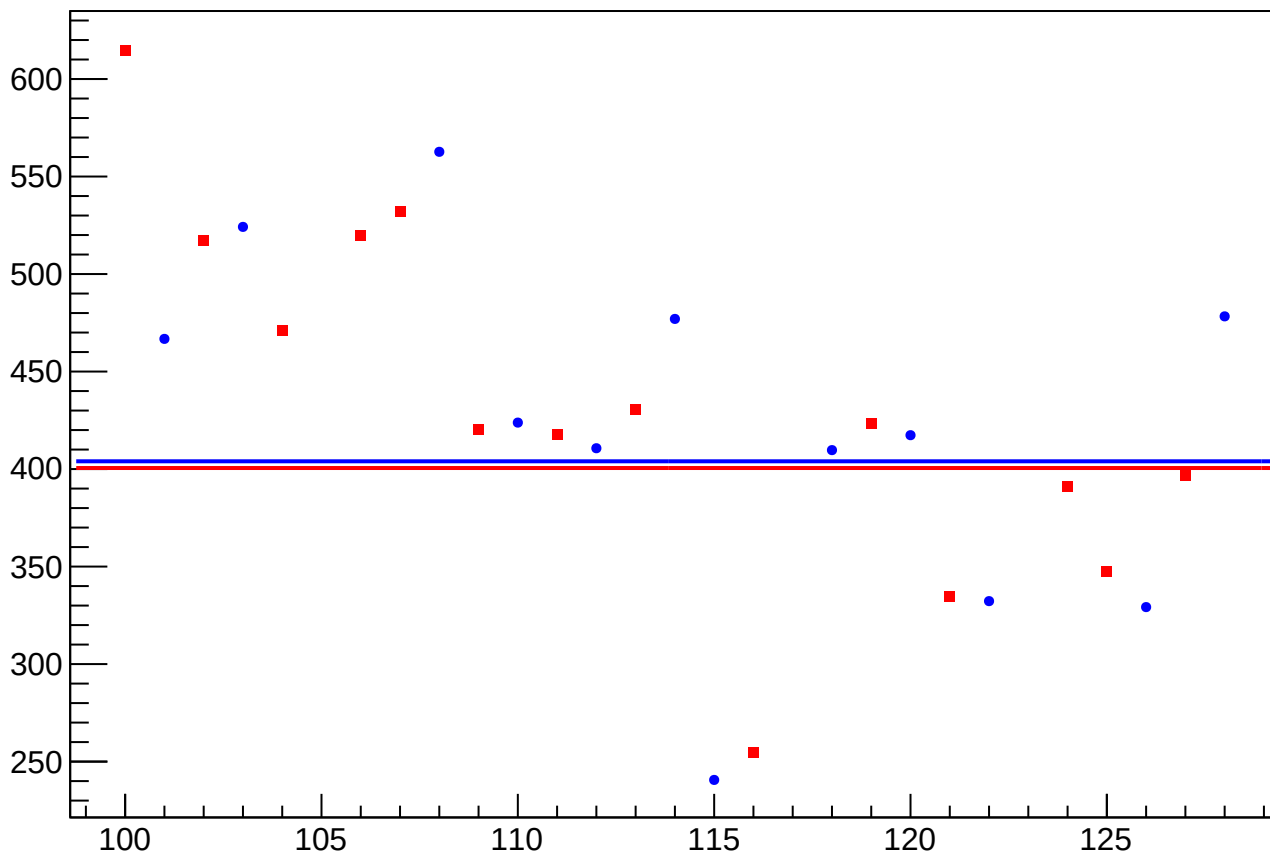
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 212.266 $\pm$ 127.240 χ^2 /NDF: 25.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_reg_correction_rms vs Slug



Right In: 403.986+/-0.131 χ^2/NDF : 390856.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

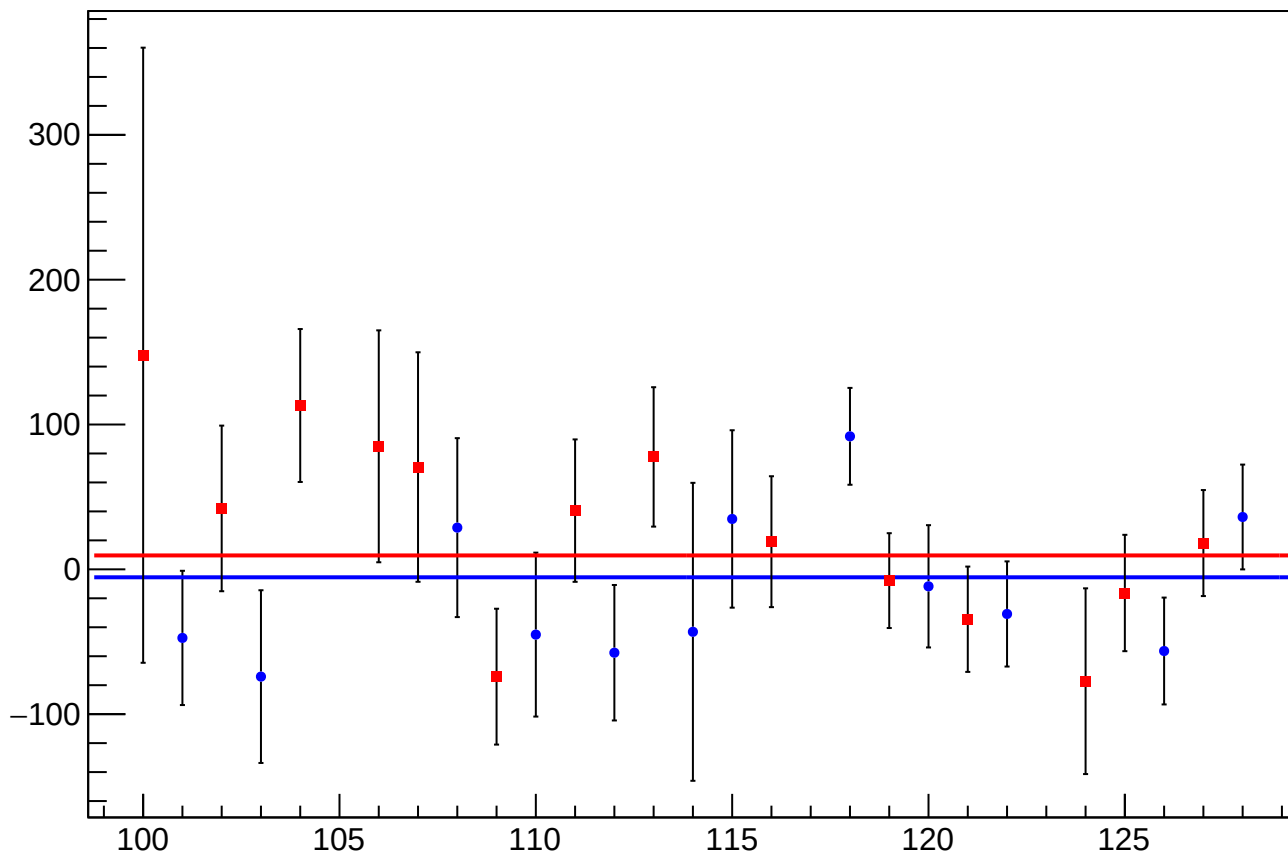
Right Out: 400.535+/-0.124 χ^2/NDF : 397563.8/13

All: 402.161+/-0.090 χ^2/NDF : 788786.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_1357_2468_dd_mean vs Slug



Right In: -5.497 ± 13.073 χ^2/NDF : 17.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 9.601 ± 12.814 χ^2/NDF : 15.7/13

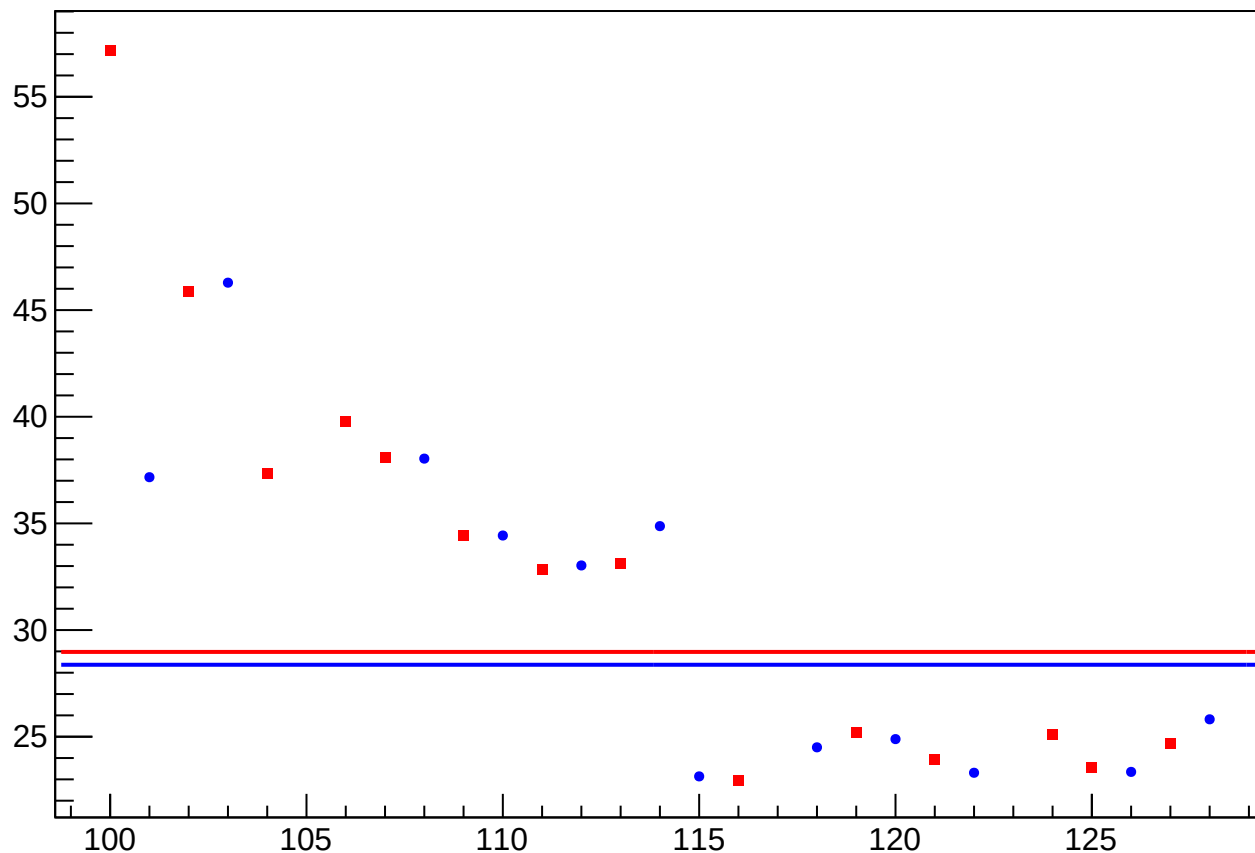
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 2.202 ± 9.151 χ^2/NDF : 33.4/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam_1357_2468_dd_rms vs Slug



Right In: 28.373+/-0.009 χ^2/NDF : 493085.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.975+/-0.009 χ^2/NDF : 548208.3/13

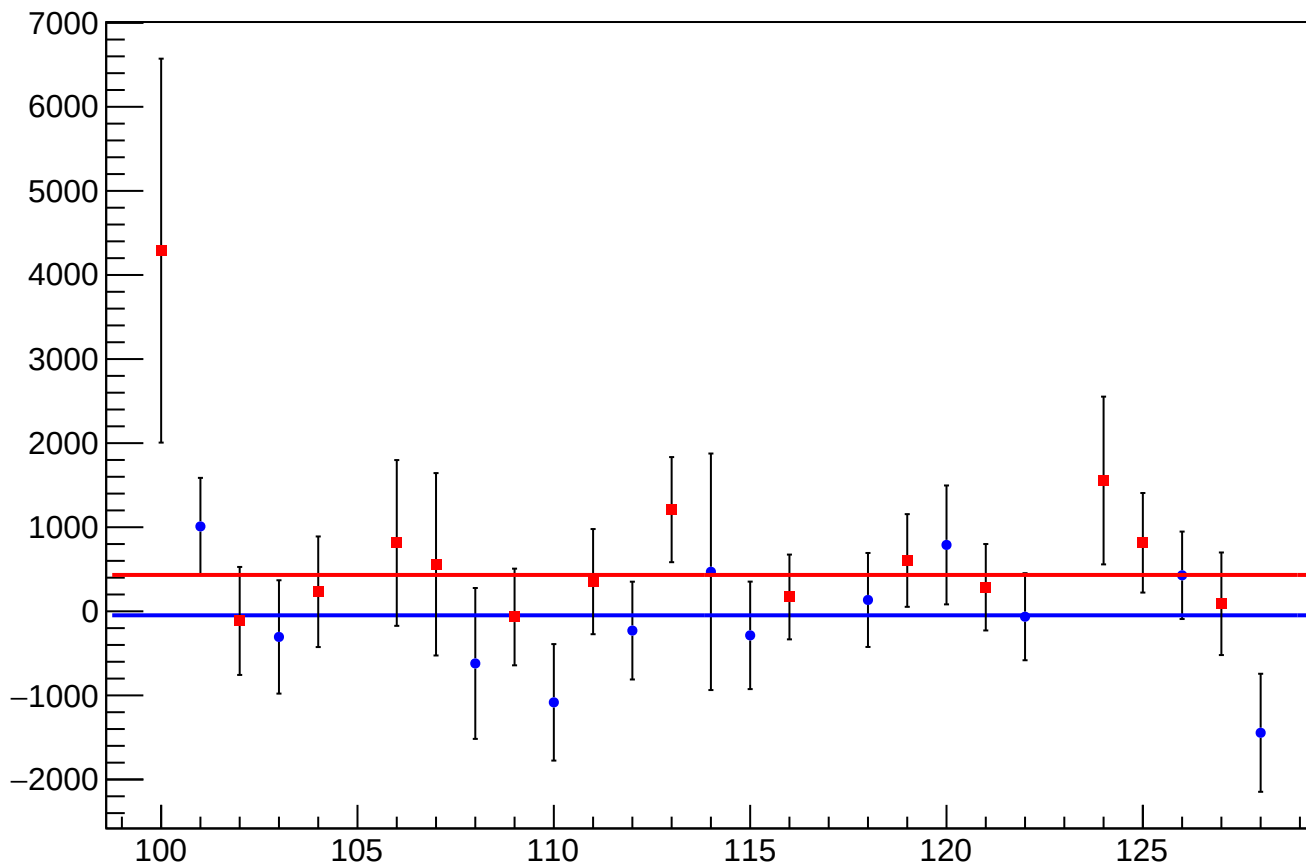
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.680+/-0.006 χ^2/NDF : 1043456.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_cor_correction_mean vs Slug



Right In: -47.569 $\pm$ 185.378 χ^2 /NDF: 12.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 432.574 $\pm$ 175.387 χ^2 /NDF: 8.6/13

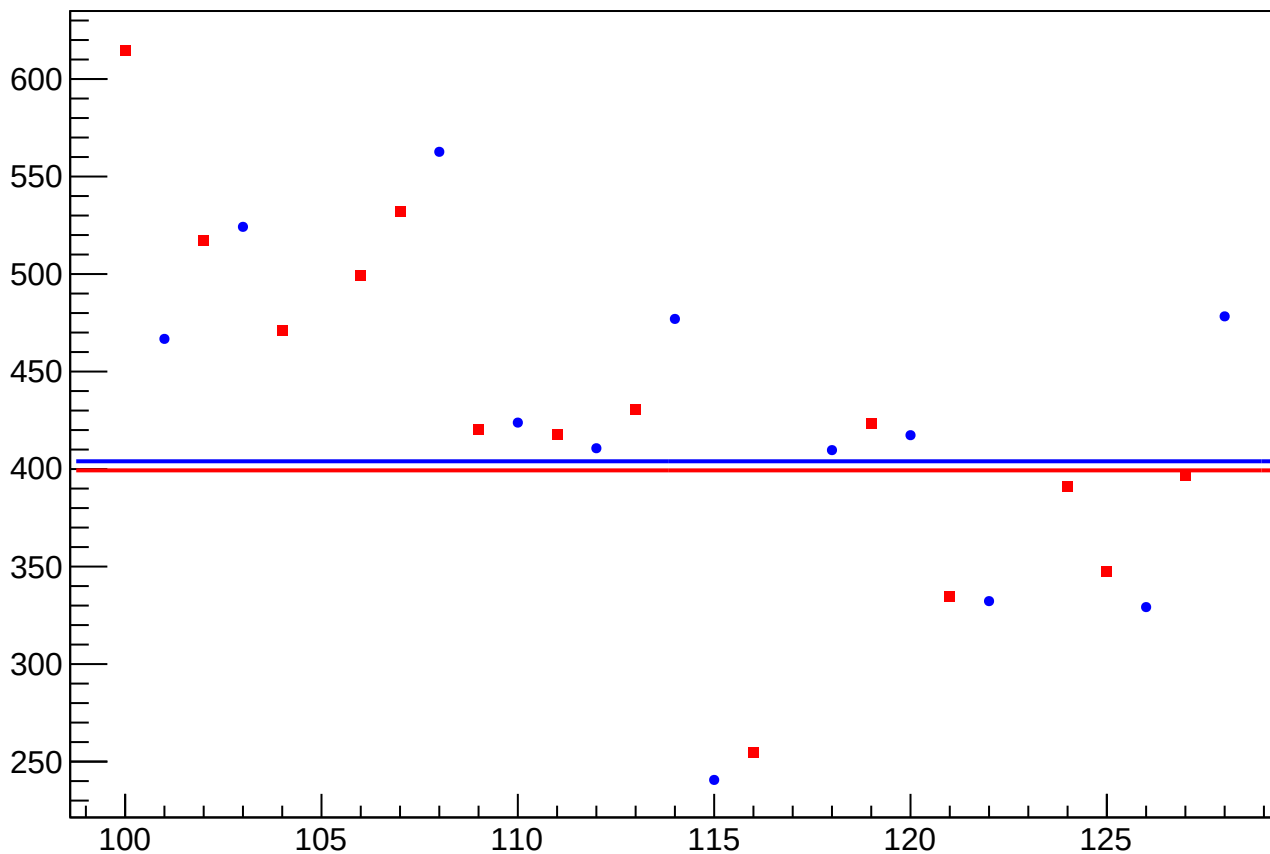
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 205.789 $\pm$ 127.403 χ^2 /NDF: 25.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_cor_correction_rms vs Slug



Right In: 403.987 $\pm$ 0.131 χ^2 /NDF: 390879.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 399.329 $\pm$ 0.124 χ^2 /NDF: 384103.3/13

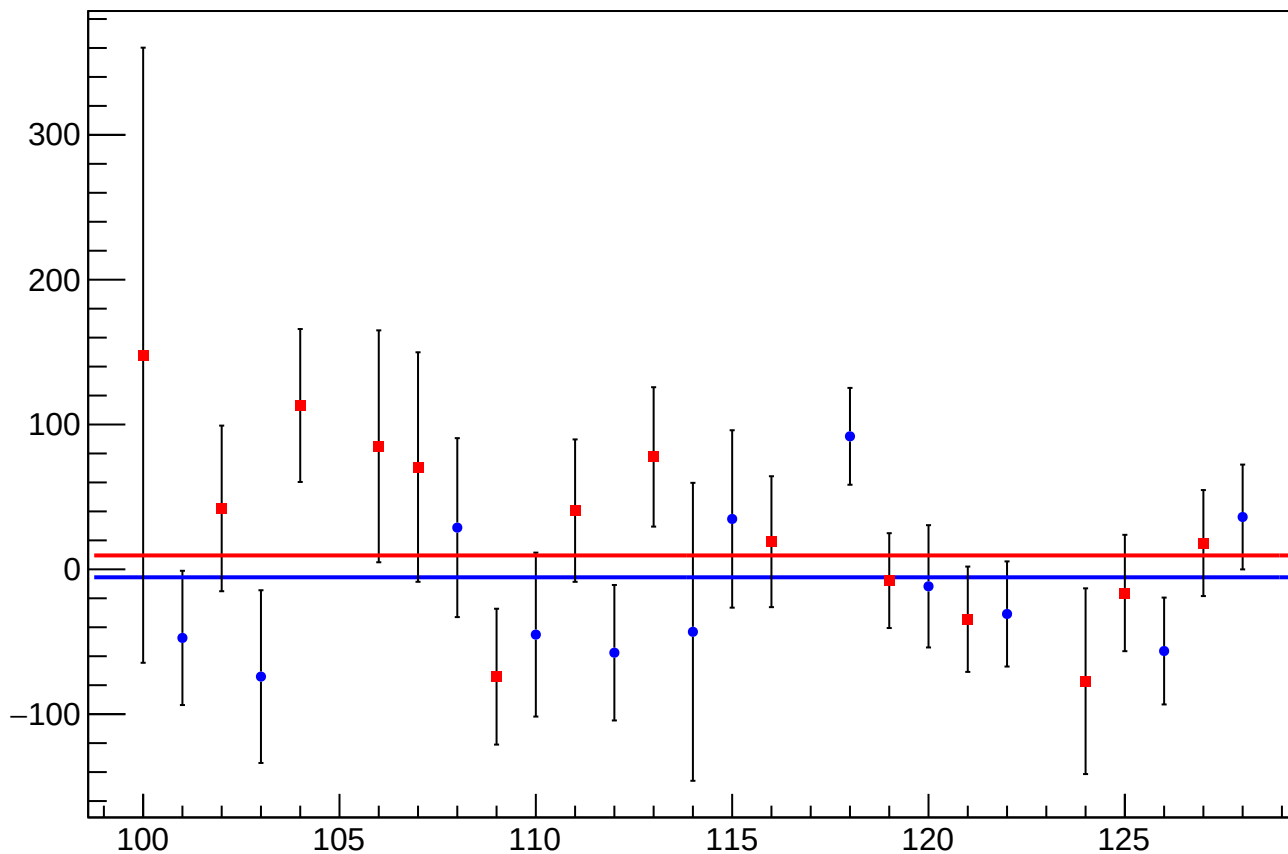
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 401.529 $\pm$ 0.090 χ^2 /NDF: 775649.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_1357_2468_dd_mean vs Slug



Right In: -5.497+/-13.073 χ^2/NDF : 17.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.601+/-12.814 χ^2/NDF : 15.7/13

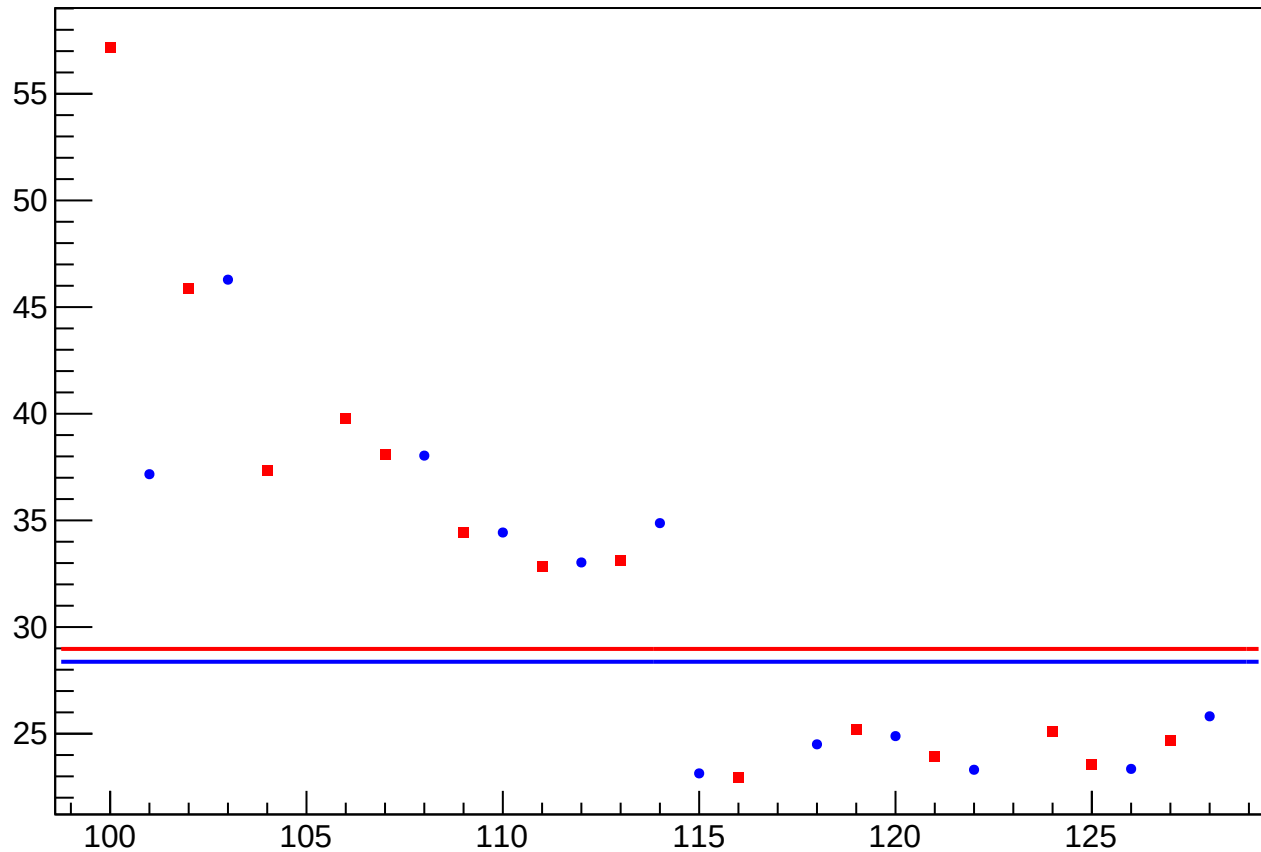
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.202+/-9.151 χ^2/NDF : 33.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_1357_2468_dd_rms vs Slug



Right In: 28.373+/-0.009 χ^2 /NDF: 493085.3/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 28.975+/-0.009 χ^2 /NDF: 548208.3/13

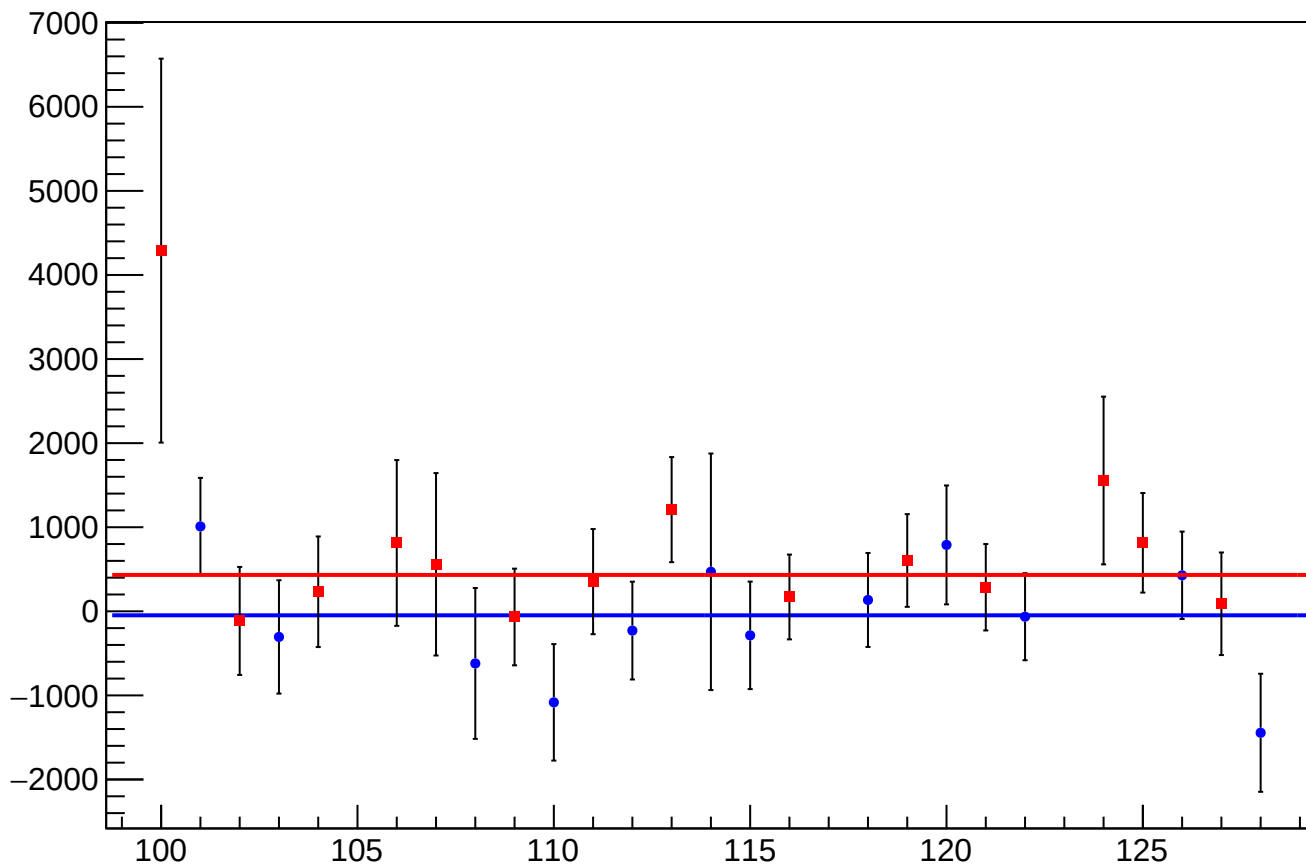
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 28.680+/-0.006 χ^2 /NDF: 1043456.8/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_cor_correction_mean vs Slug



Right In: -47.569 $\pm$ 185.378 χ^2 /NDF: 12.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 432.574 $\pm$ 175.387 χ^2 /NDF: 8.6/13

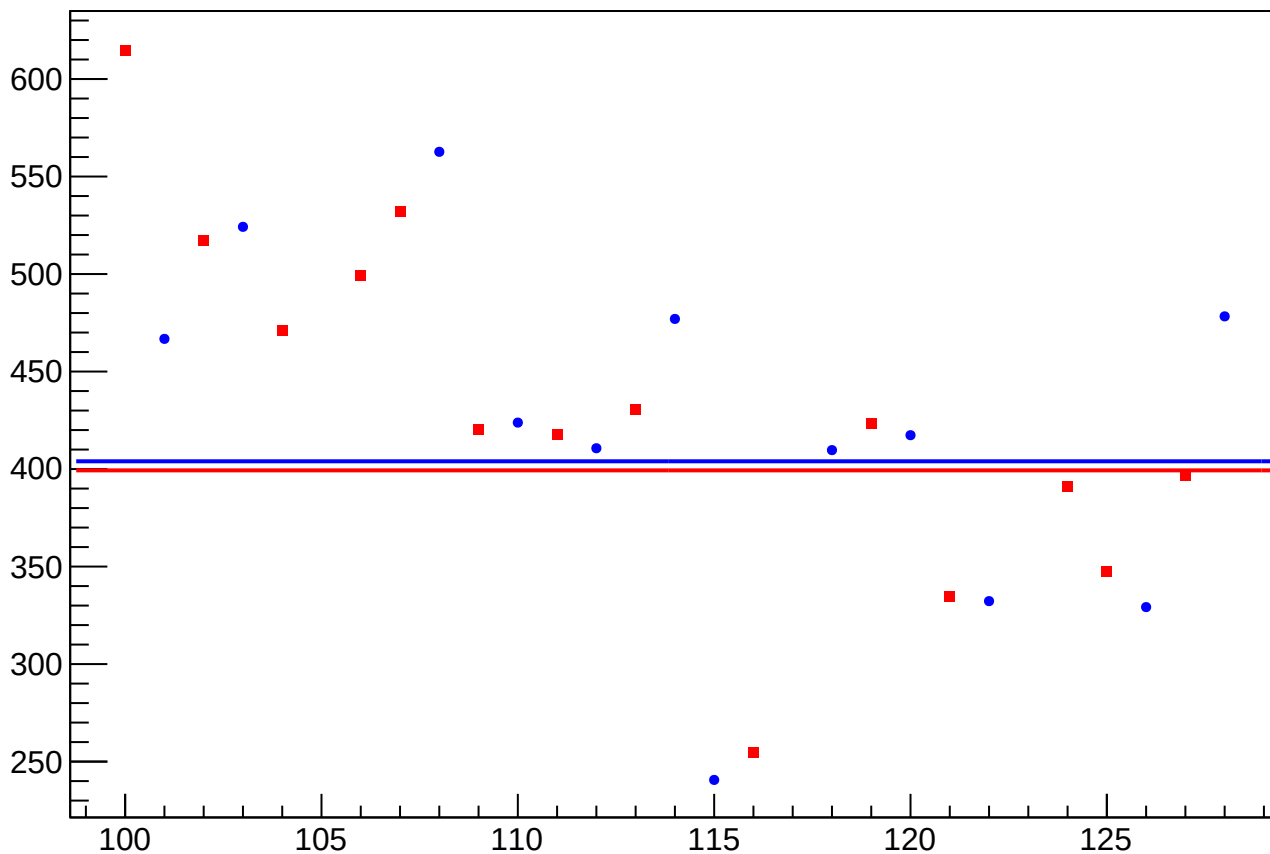
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 205.789 $\pm$ 127.403 χ^2 /NDF: 25.0/25

- 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: 403.987+/-0.131 χ^2/NDF : 390879.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 399.329+/-0.124 χ^2/NDF : 384103.3/13

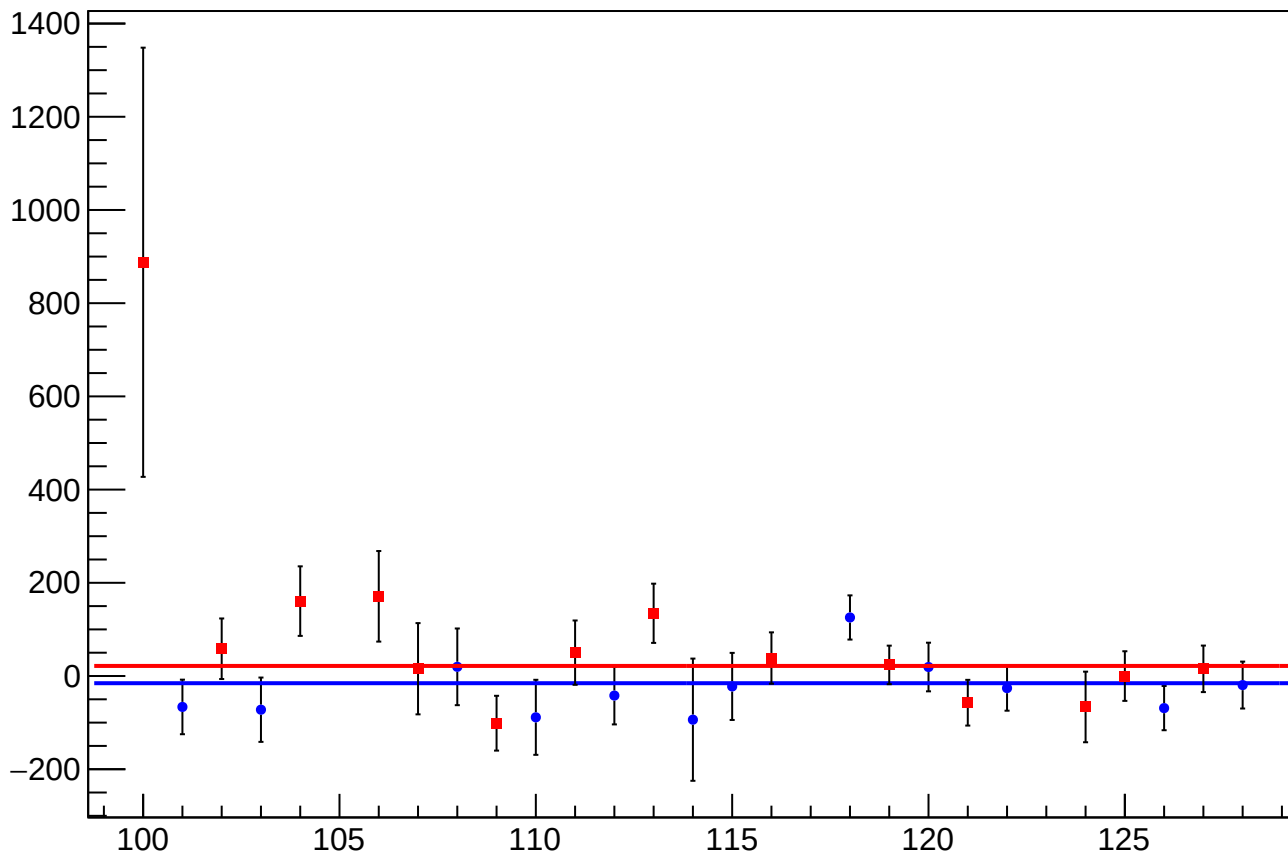
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 401.529+/-0.090 χ^2/NDF : 775649.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -15.428 $\pm$ 17.170 χ^2 /NDF: 13.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.628 $\pm$ 16.582 χ^2 /NDF: 21.6/13

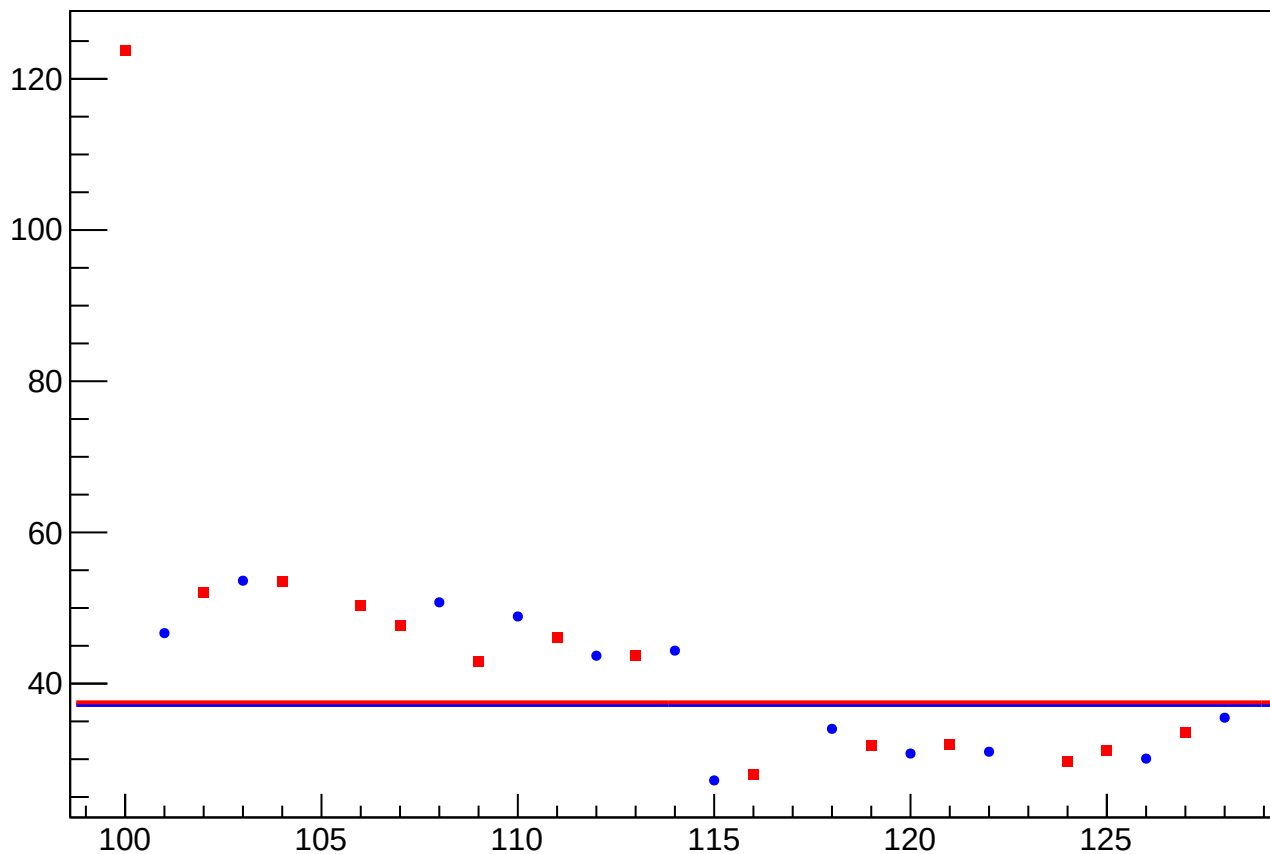
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.745 $\pm$ 11.928 χ^2 /NDF: 37.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 37.178+/-0.012 χ^2 /NDF: 448311.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 37.518+/-0.012 χ^2 /NDF: 571626.3/13

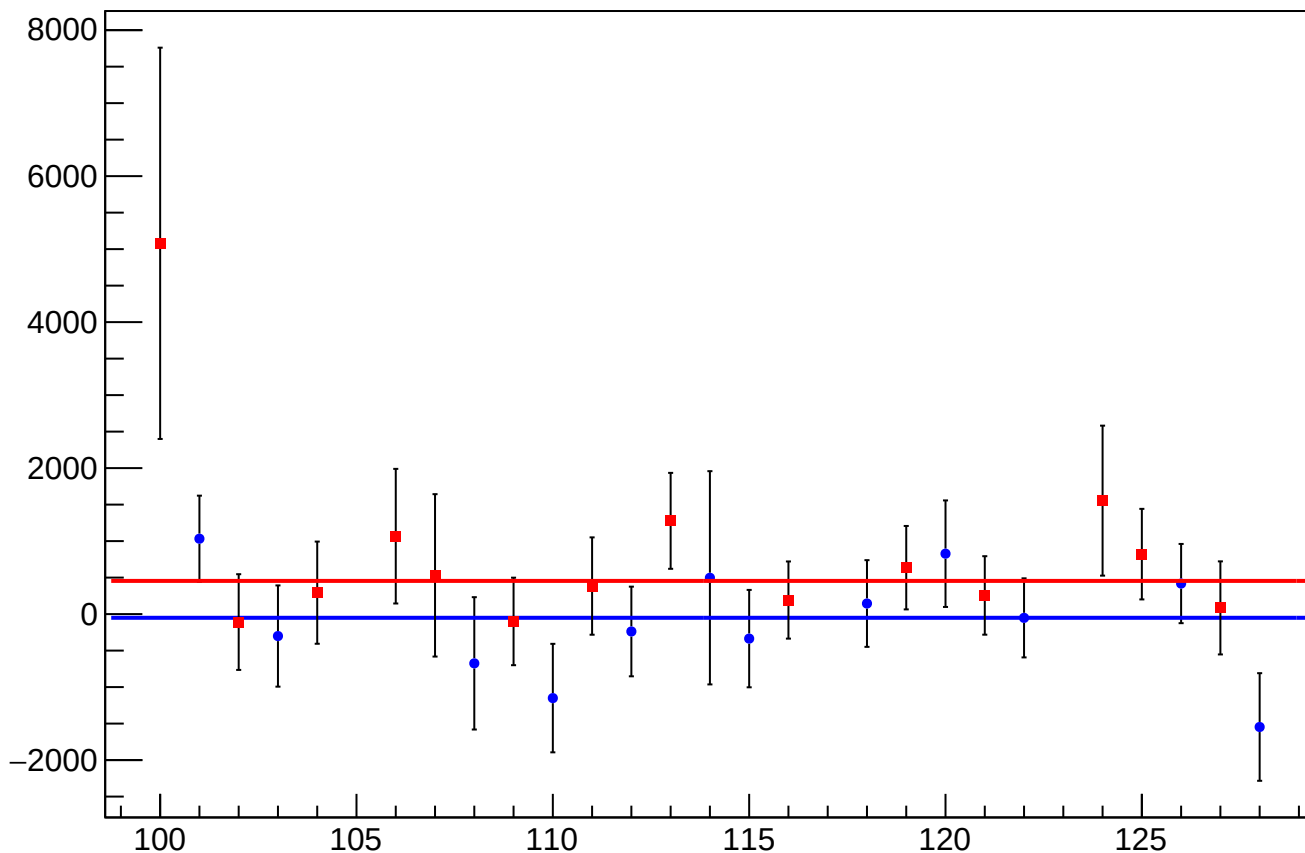
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 37.354+/-0.008 χ^2 /NDF: 1020341.8/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_dit_correction_mean vs Slug



Right In: -50.573+/-193.516 χ^2/NDF : 13.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 454.680+/-182.740 χ^2/NDF : 9.0/13

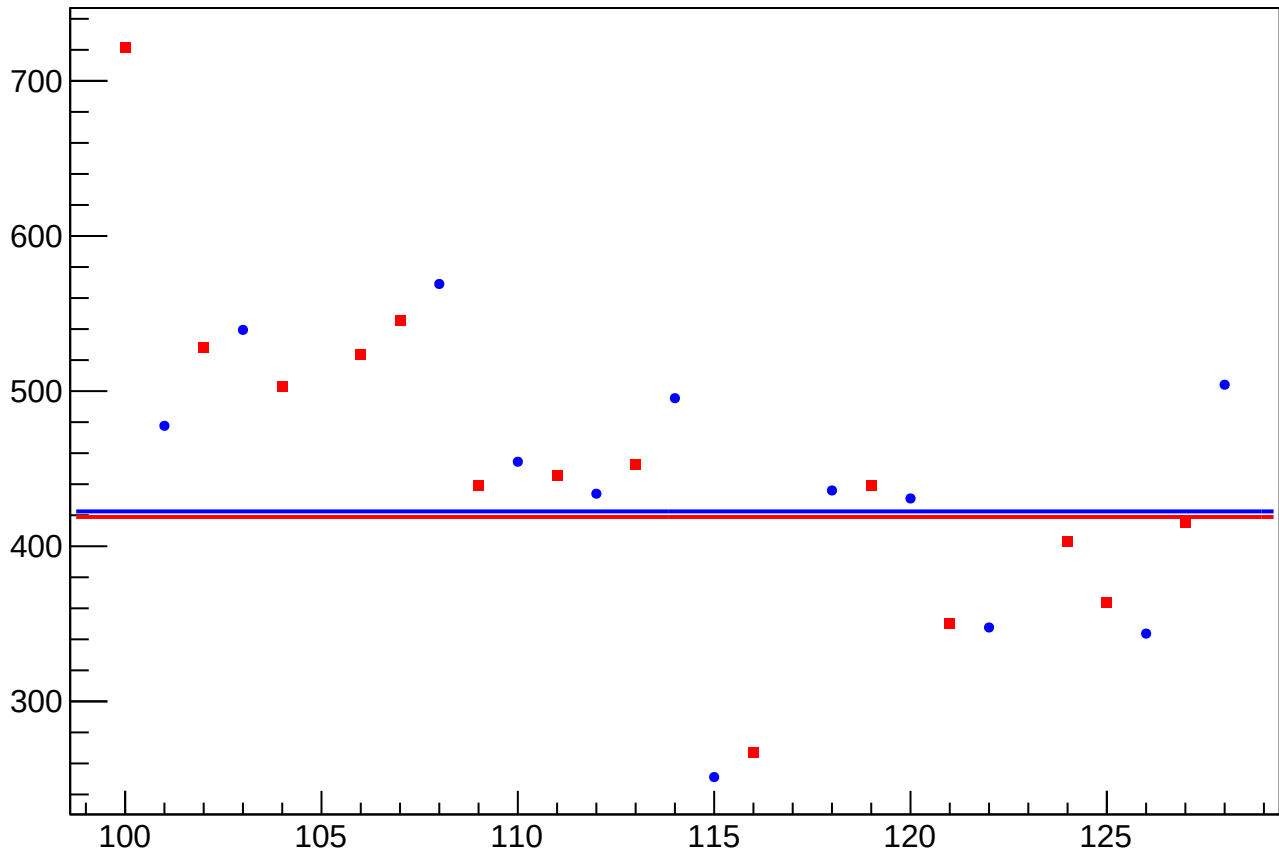
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.512+/-132.863 χ^2/NDF : 25.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_dit_correction_rms vs Slug



Right In: 422.460+/-0.137 χ^2/NDF : 374064.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 418.877+/-0.129 χ^2/NDF : 388249.9/13

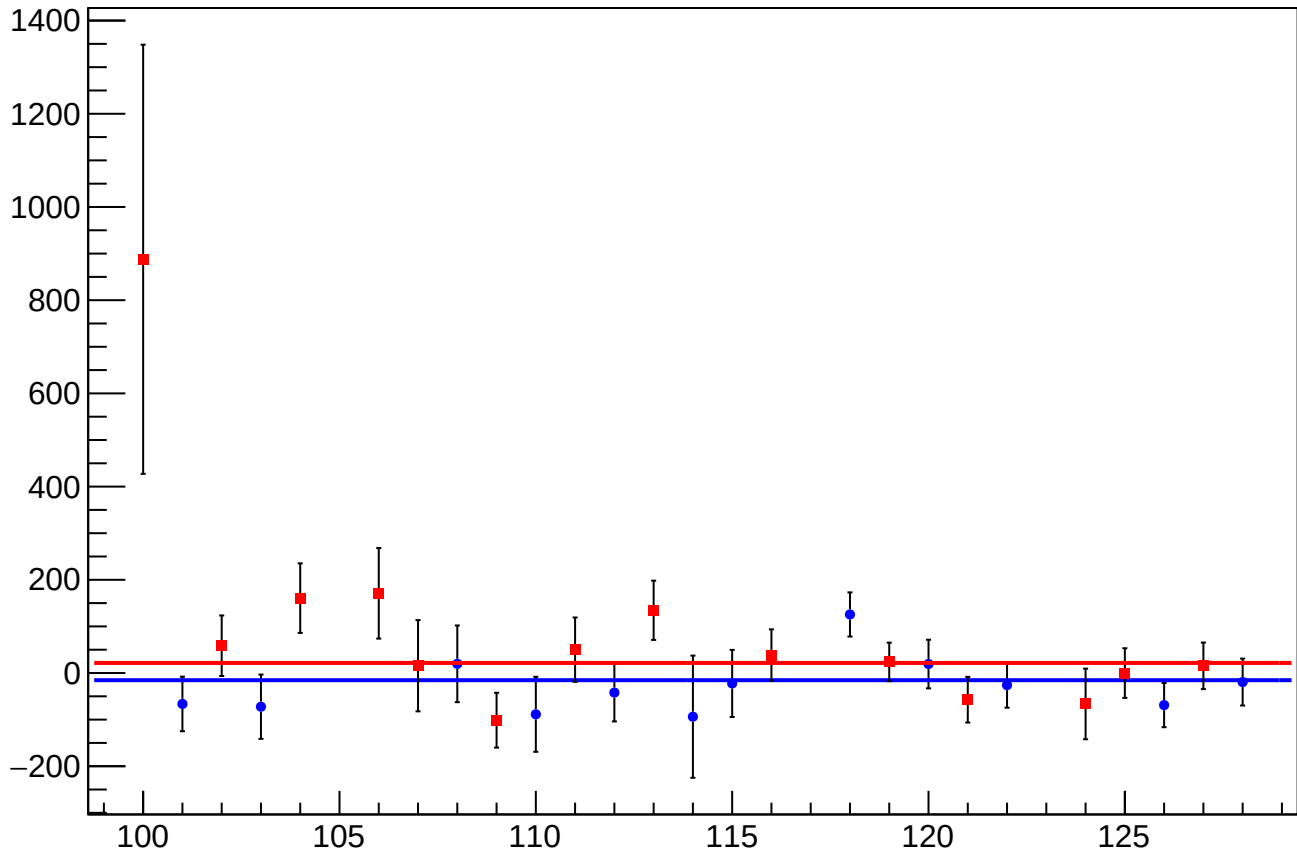
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 420.566+/-0.094 χ^2/NDF : 762677.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -15.427 $\pm$ 17.170 χ^2 /NDF: 13.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.628 $\pm$ 16.582 χ^2 /NDF: 21.6/13

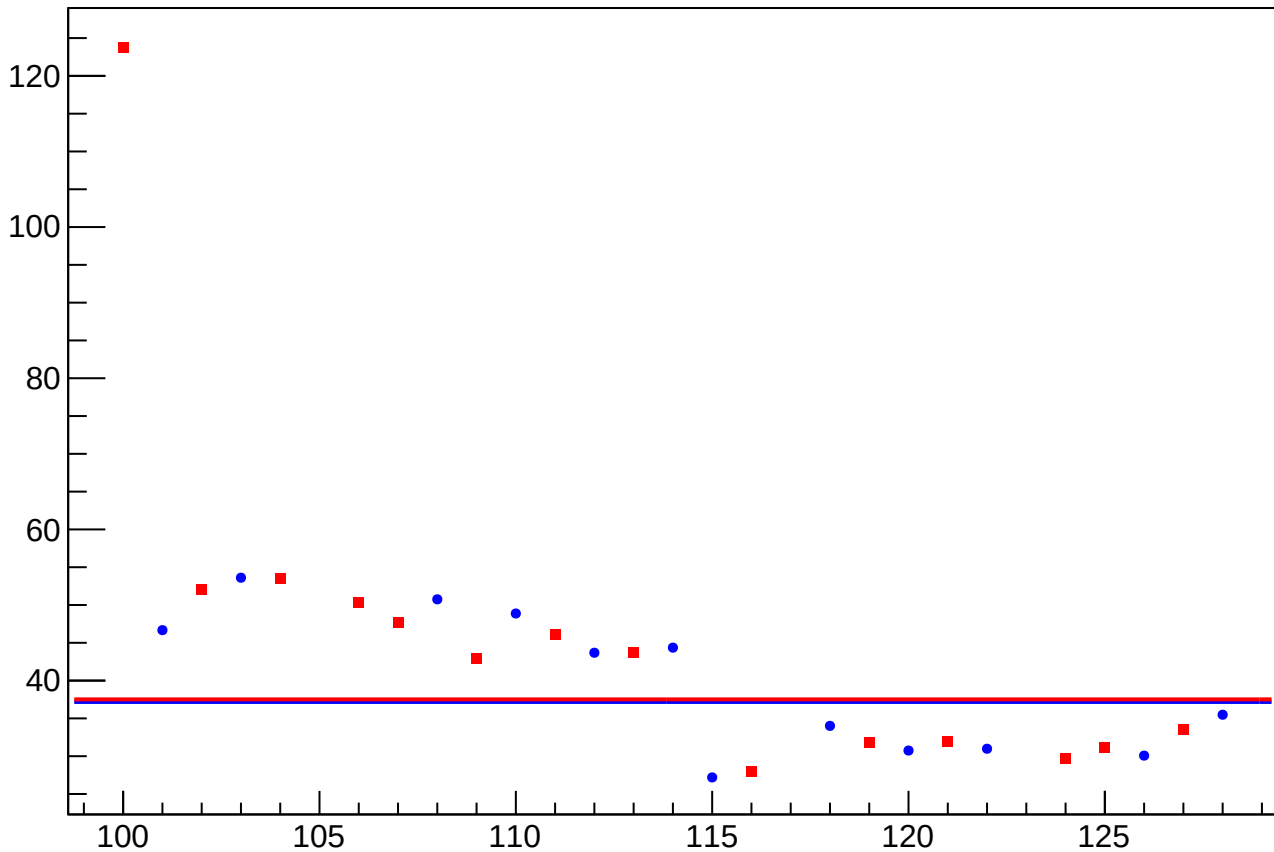
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.746 $\pm$ 11.928 χ^2 /NDF: 37.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 37.178+/-0.012 χ^2/NDF : 448287.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.517+/-0.012 χ^2/NDF : 571591.6/13

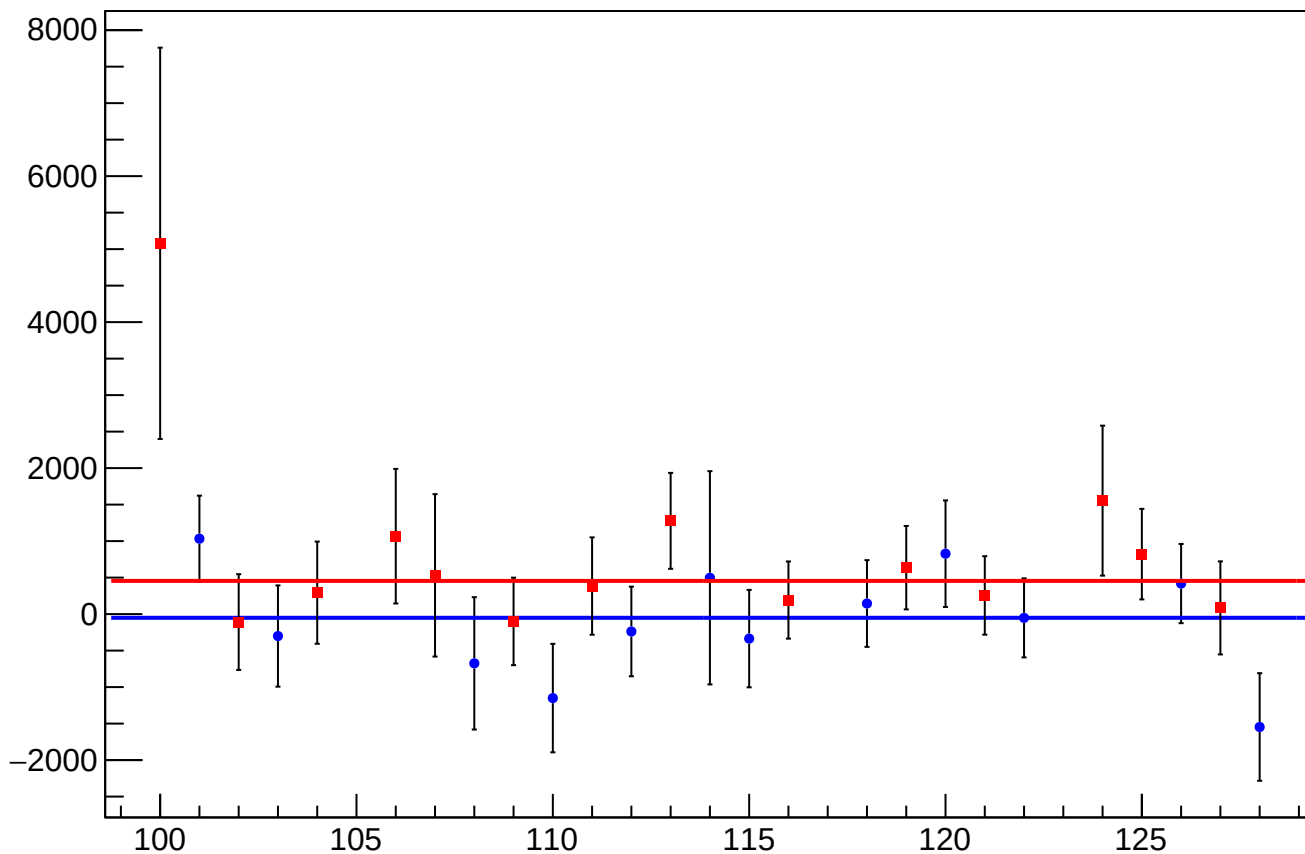
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.353+/-0.008 χ^2/NDF : 1020283.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_eigen_dit_correction_mean vs Slug



Right In: -50.574+/-193.515 χ^2/NDF : 13.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 454.680+/-182.740 χ^2/NDF : 9.0/13

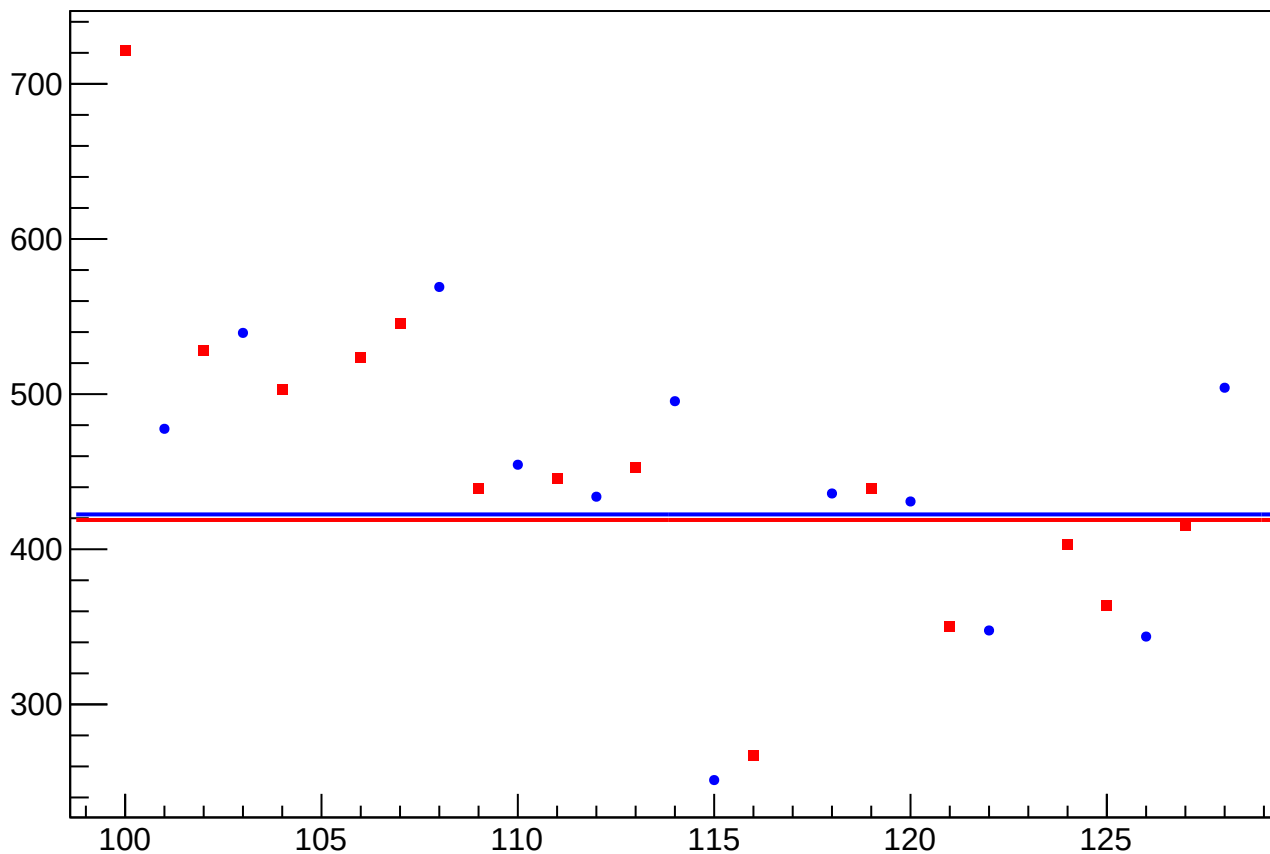
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.511+/-132.863 χ^2/NDF : 25.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_eigen_dit_correction_rms vs Slug



Right In: 422.459+/-0.137 χ^2/NDF : 374056.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 418.876+/-0.129 χ^2/NDF : 388243.3/13

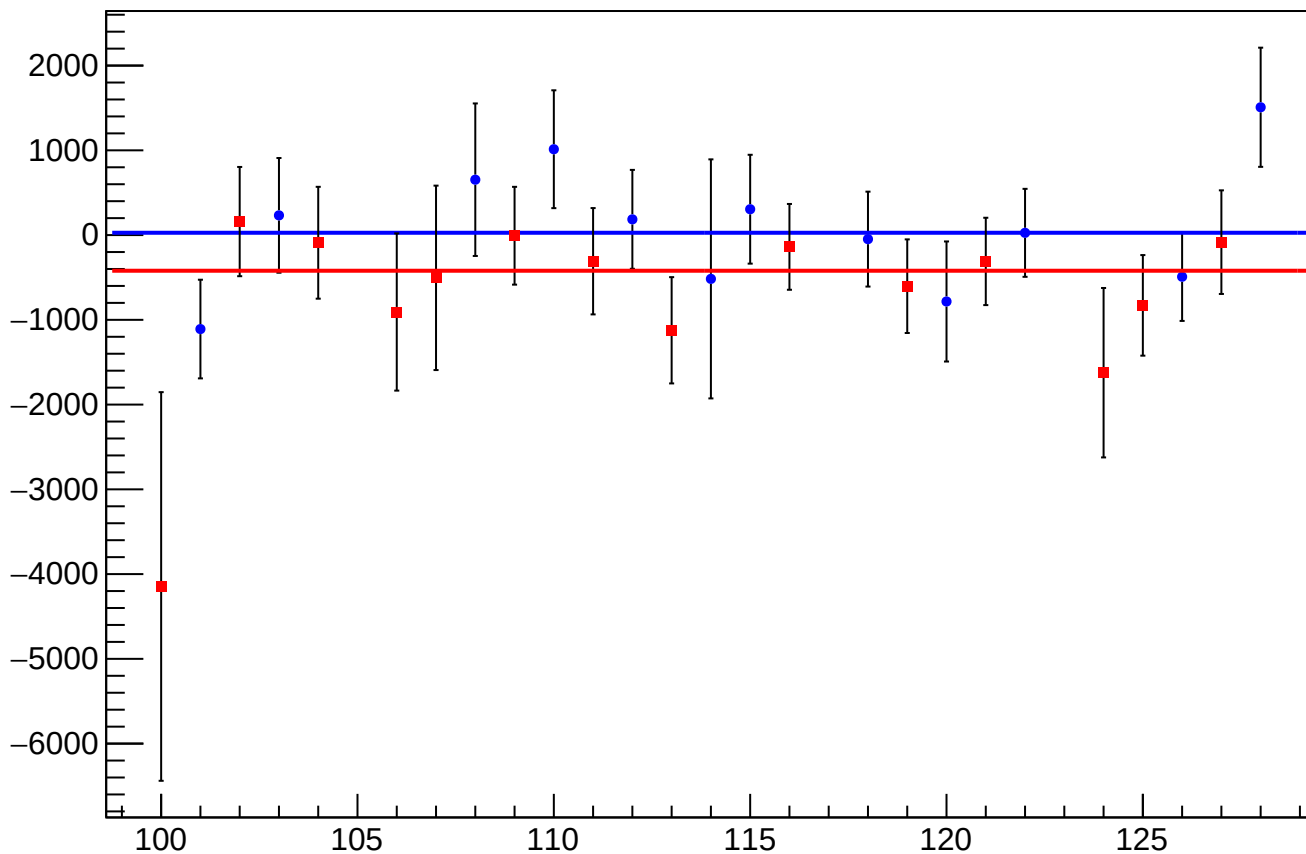
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 420.565+/-0.094 χ^2/NDF : 762662.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_mean vs Slug



Right In: 27.405 $\pm$ 186.008 χ^2 /NDF: 13.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -420.669 $\pm$ 175.537 χ^2 /NDF: 8.5/13

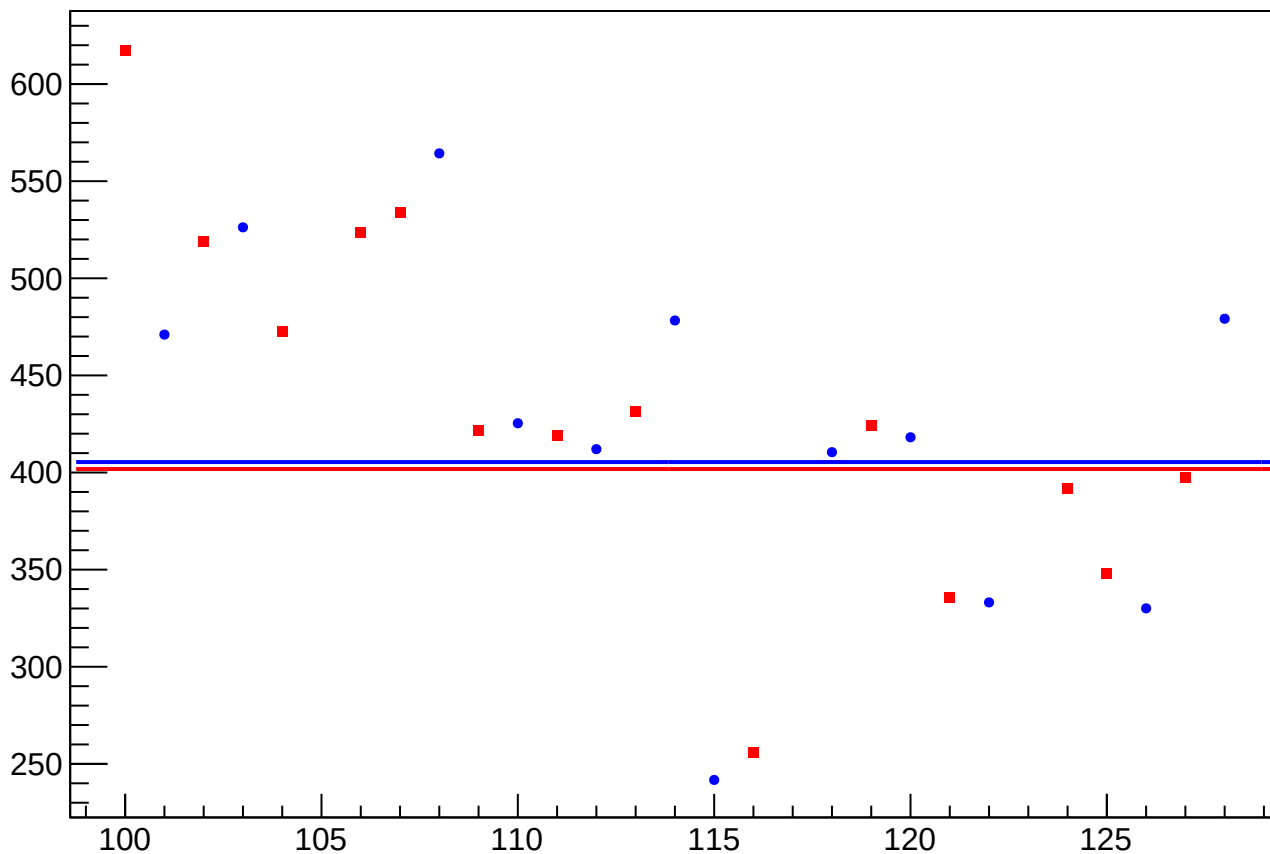
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -209.597 $\pm$ 127.665 χ^2 /NDF: 25.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_rms vs Slug



Right In: 405.391+/-0.132 χ^2/NDF : 392123.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 401.805+/-0.124 χ^2/NDF : 398347.8/13

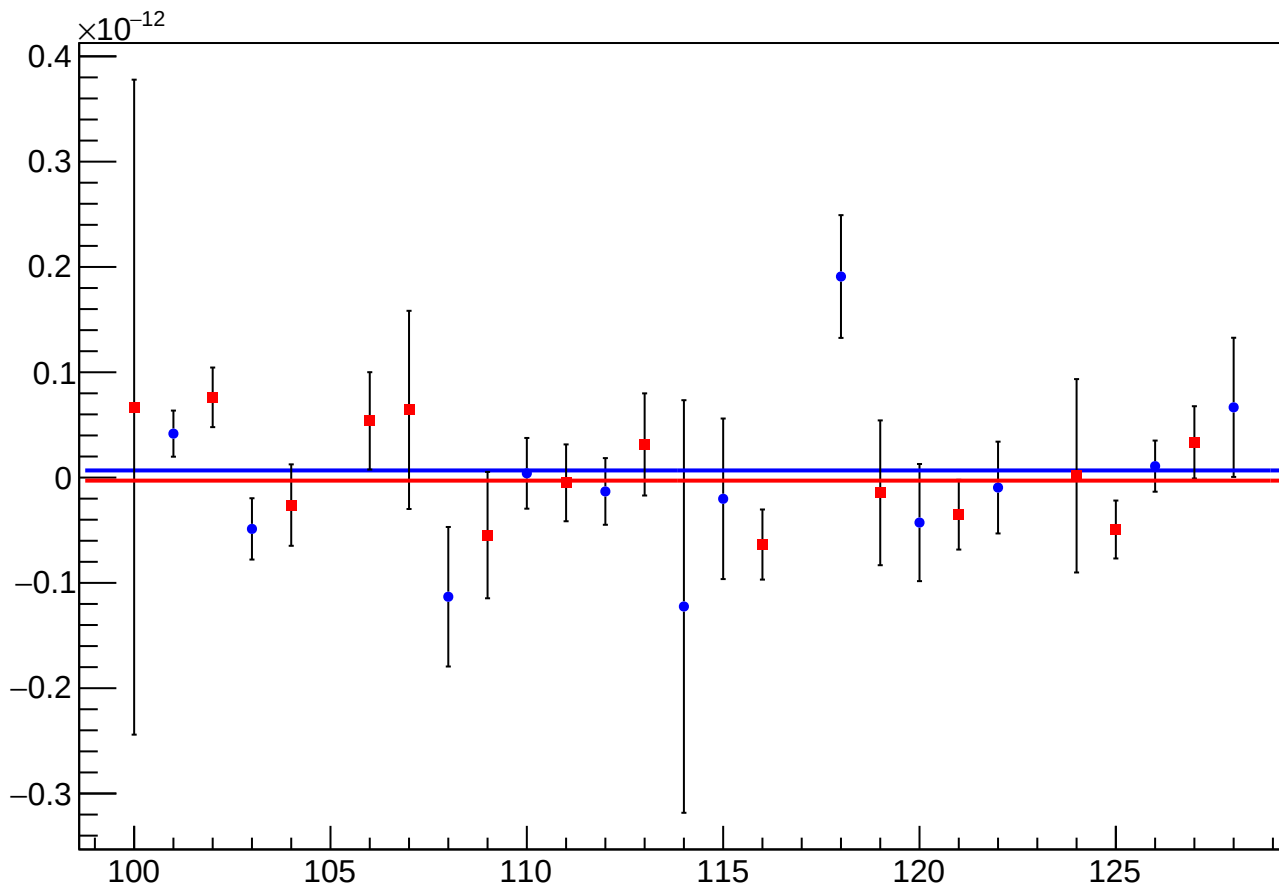
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 403.494+/-0.090 χ^2/NDF : 790864.2/25

- 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: 22.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 19.8/13

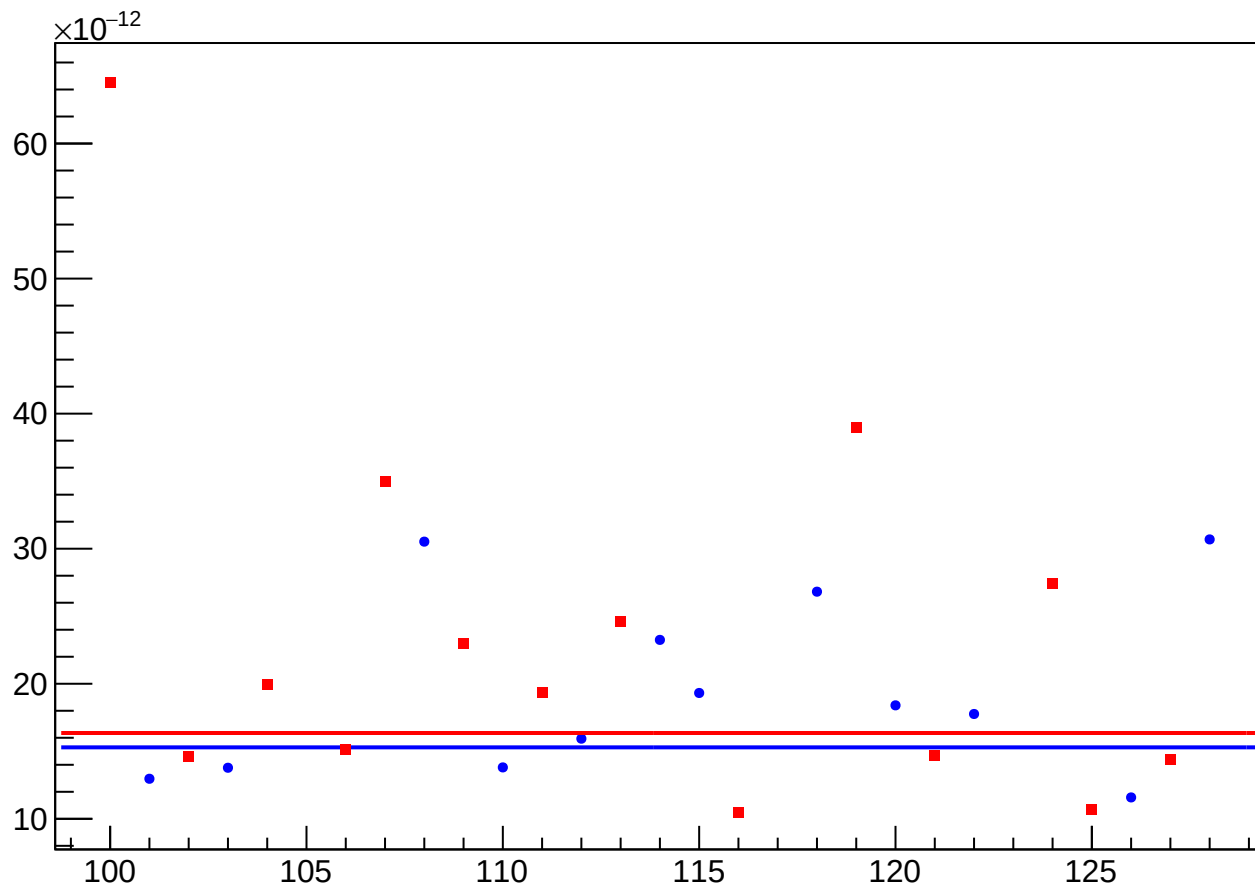
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 42.3/25

- 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 : 393449.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 652770.8/13

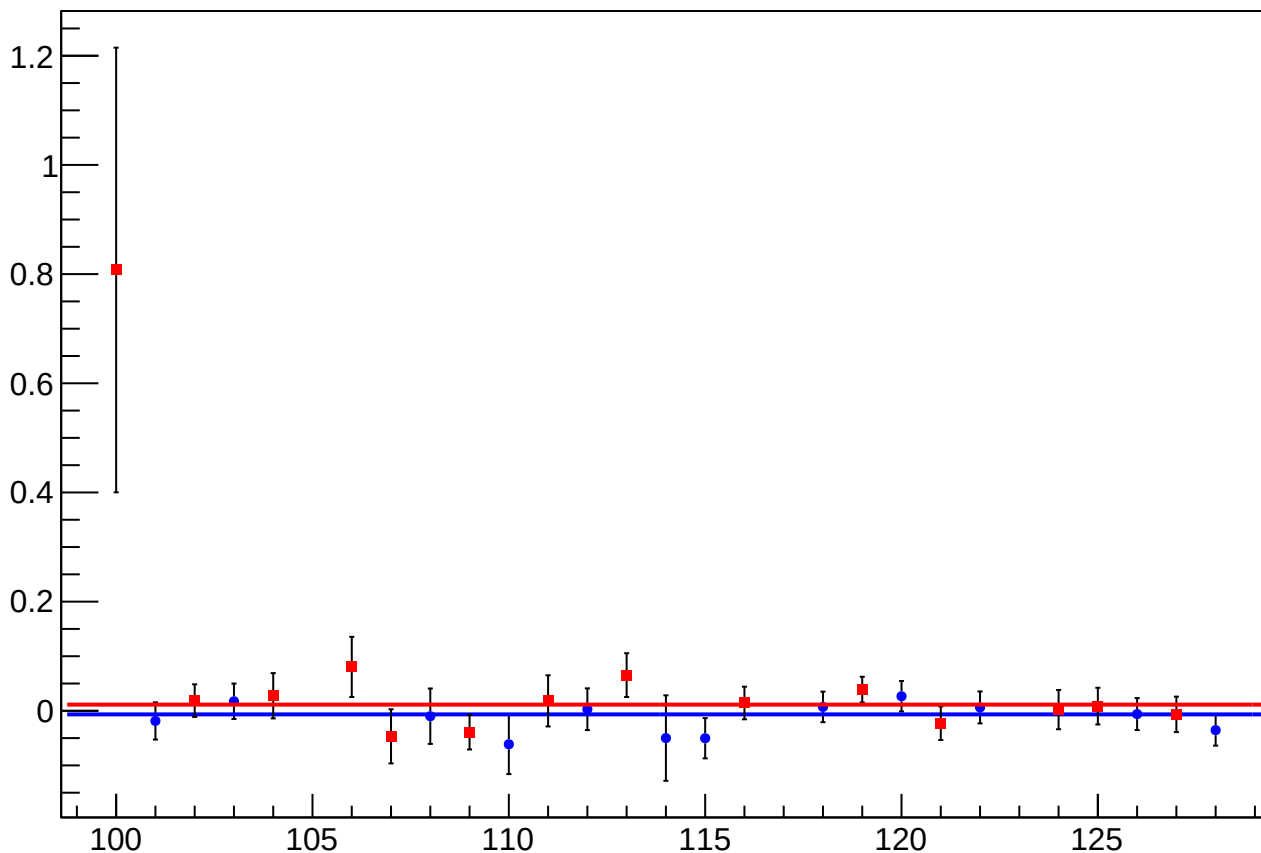
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1055783.0/25

- 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: 6.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.011 $\pm$ 0.009 χ^2 /NDF: 14.3/13

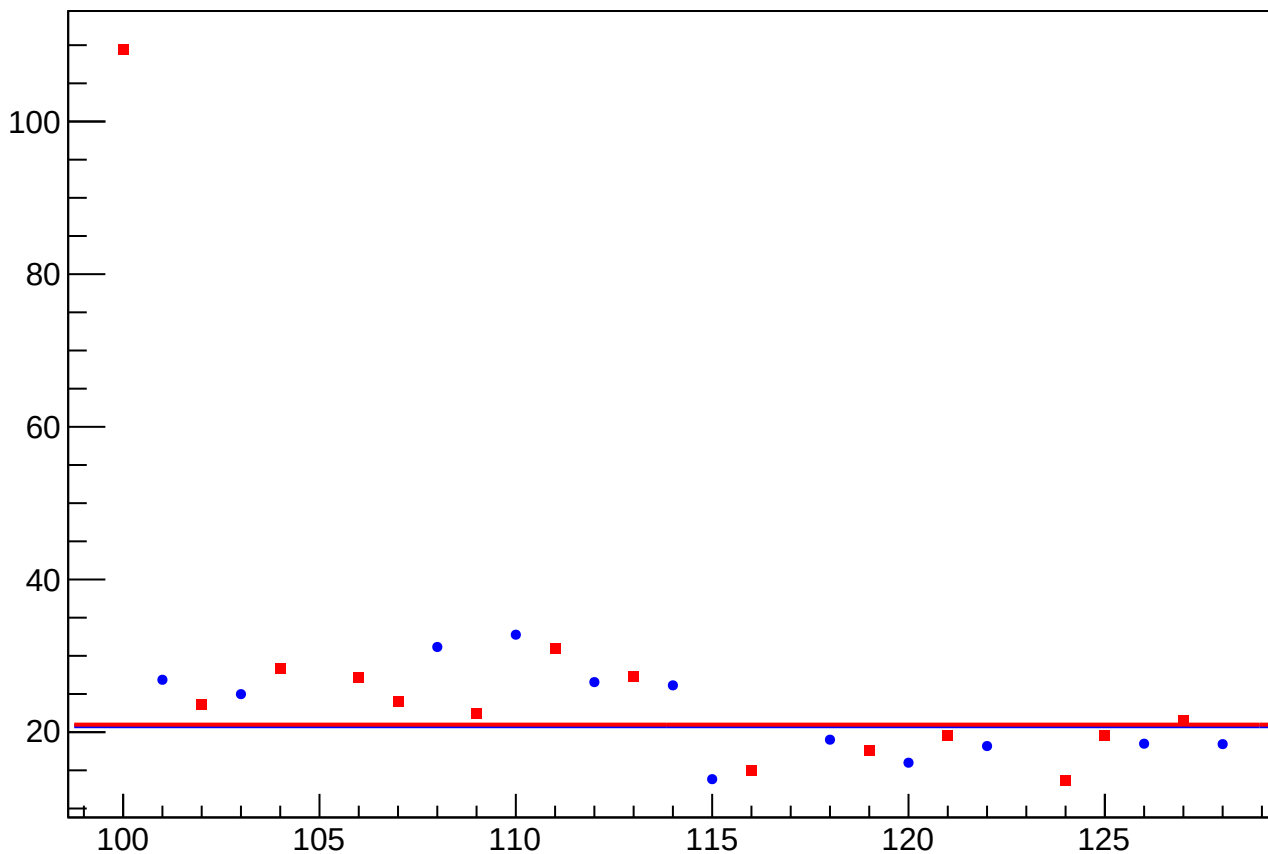
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.007 χ^2 /NDF: 22.3/25

- 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: 20.779+/-0.007 χ^2/NDF : 511417.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.987+/-0.007 χ^2/NDF : 565801.9/13

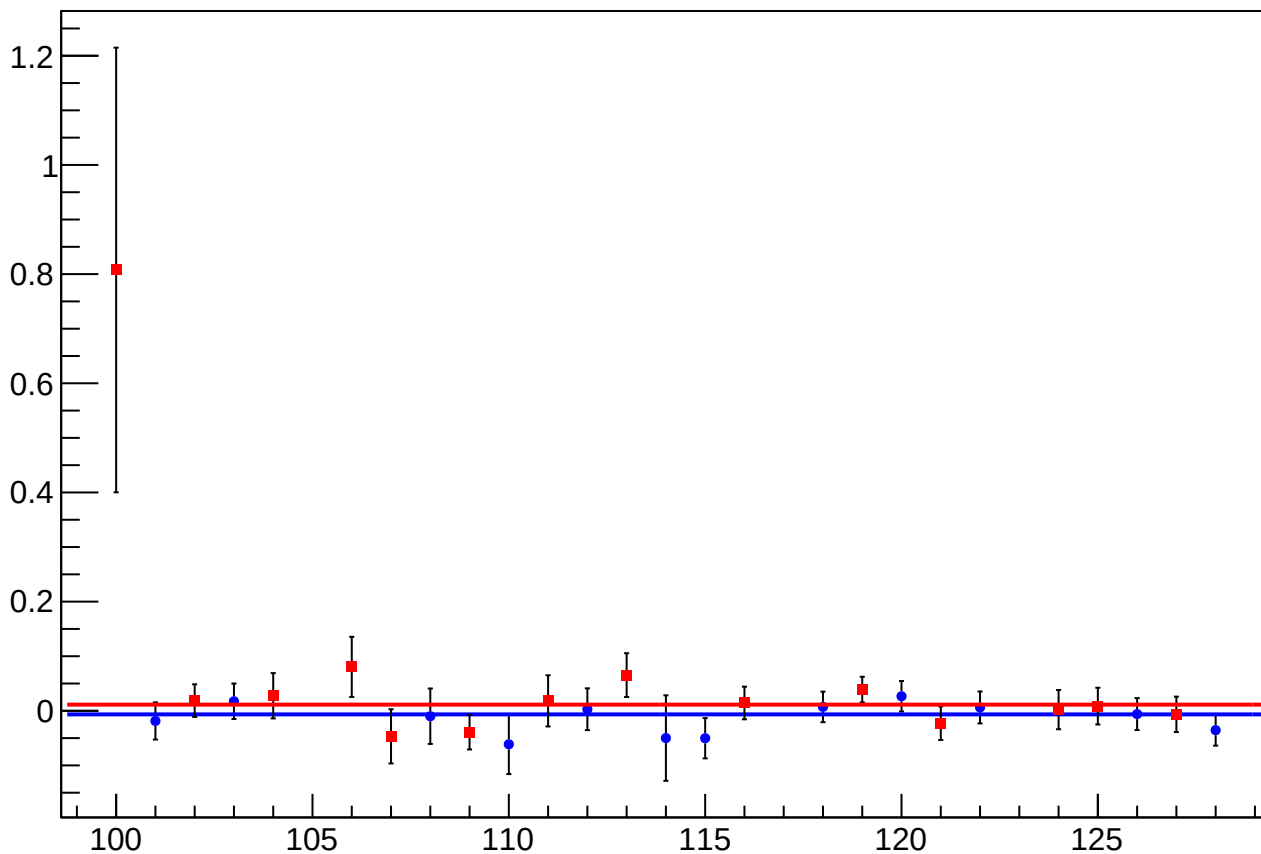
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.888+/-0.005 χ^2/NDF : 1077680.6/25

- 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 : 6.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.009 χ^2/NDF : 14.3/13

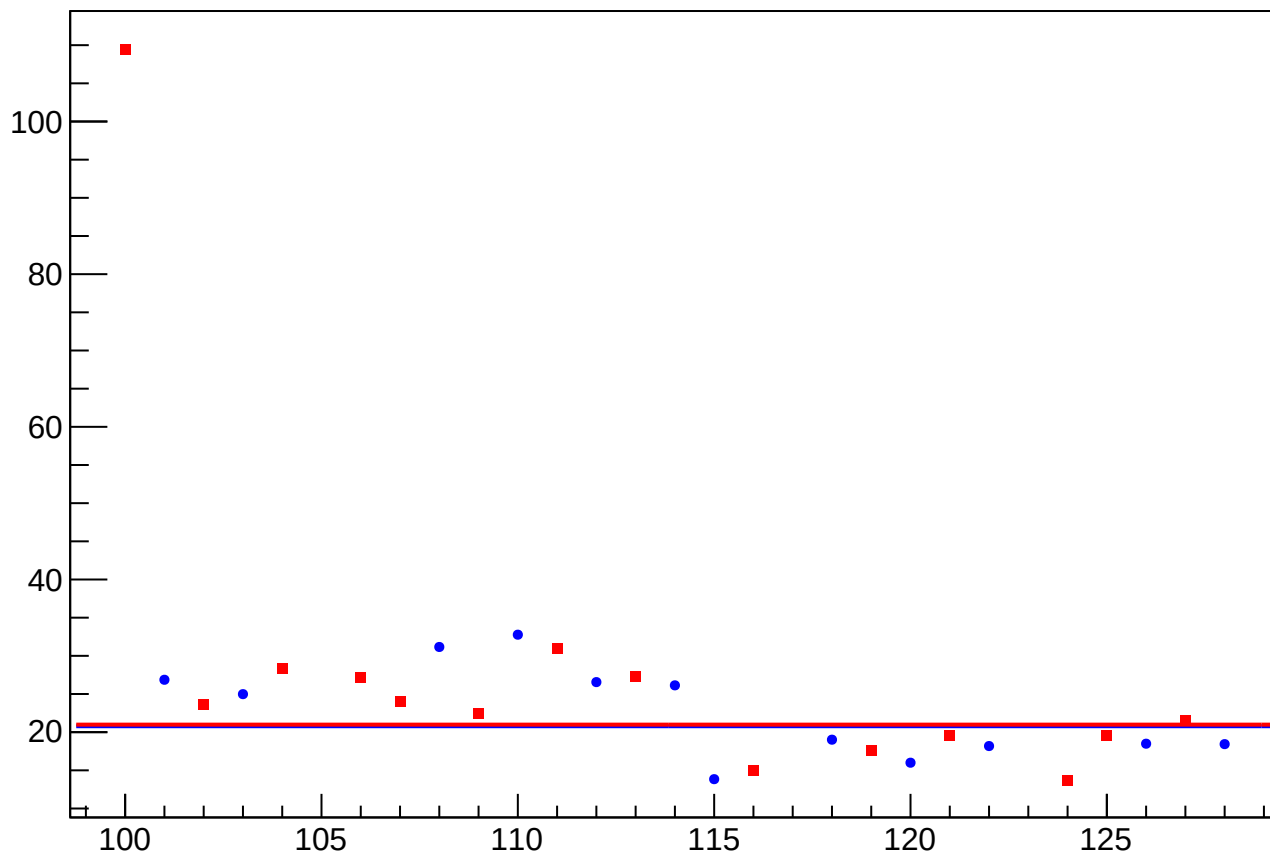
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.007 χ^2/NDF : 22.3/25

- 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: 20.779 $\pm$ 0.007 χ^2 /NDF: 511417.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.987 $\pm$ 0.007 χ^2 /NDF: 565801.9/13

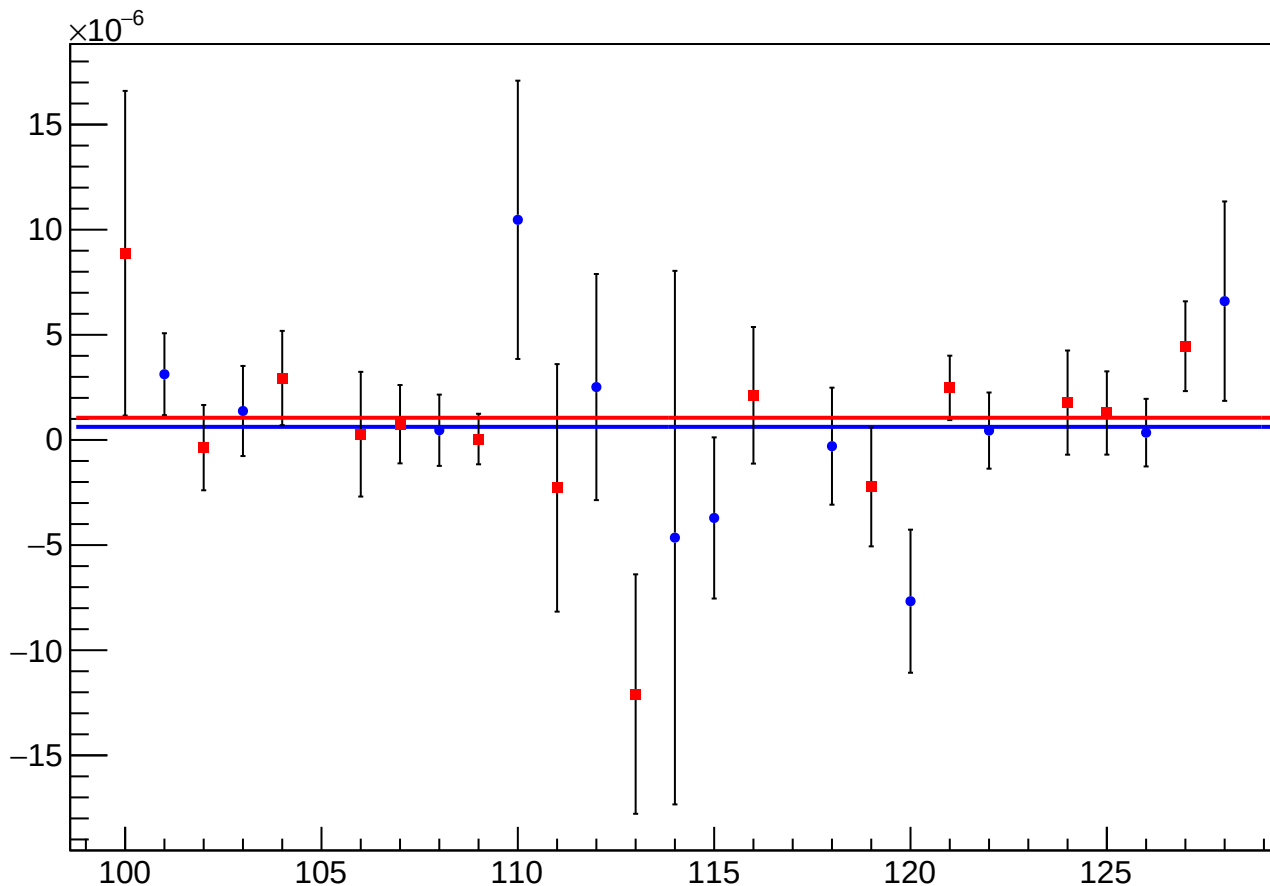
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.888 $\pm$ 0.005 χ^2 /NDF: 1077680.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.6/13

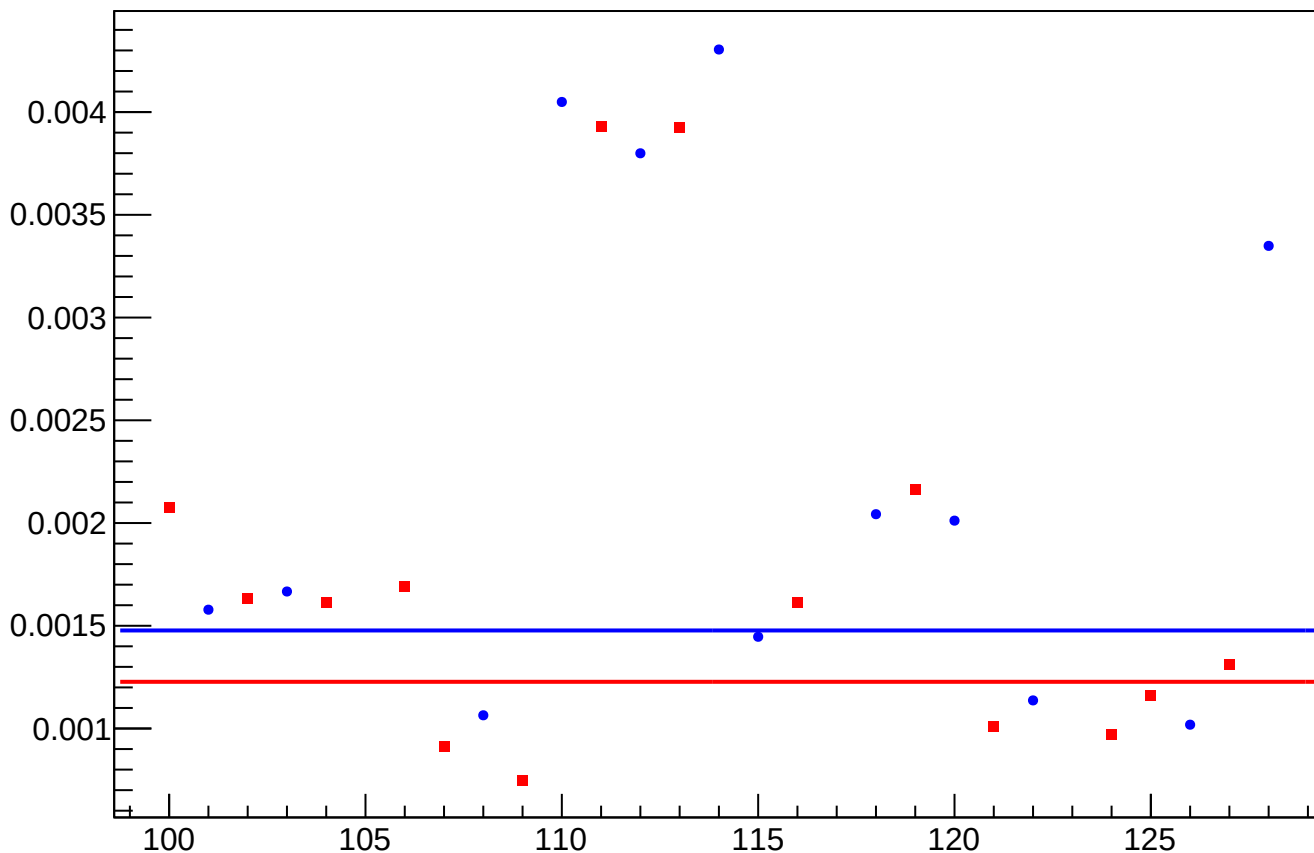
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 27.1/25

- 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: 0.001+/-0.000 χ^2/NDF : 1591368.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1773441.8/13

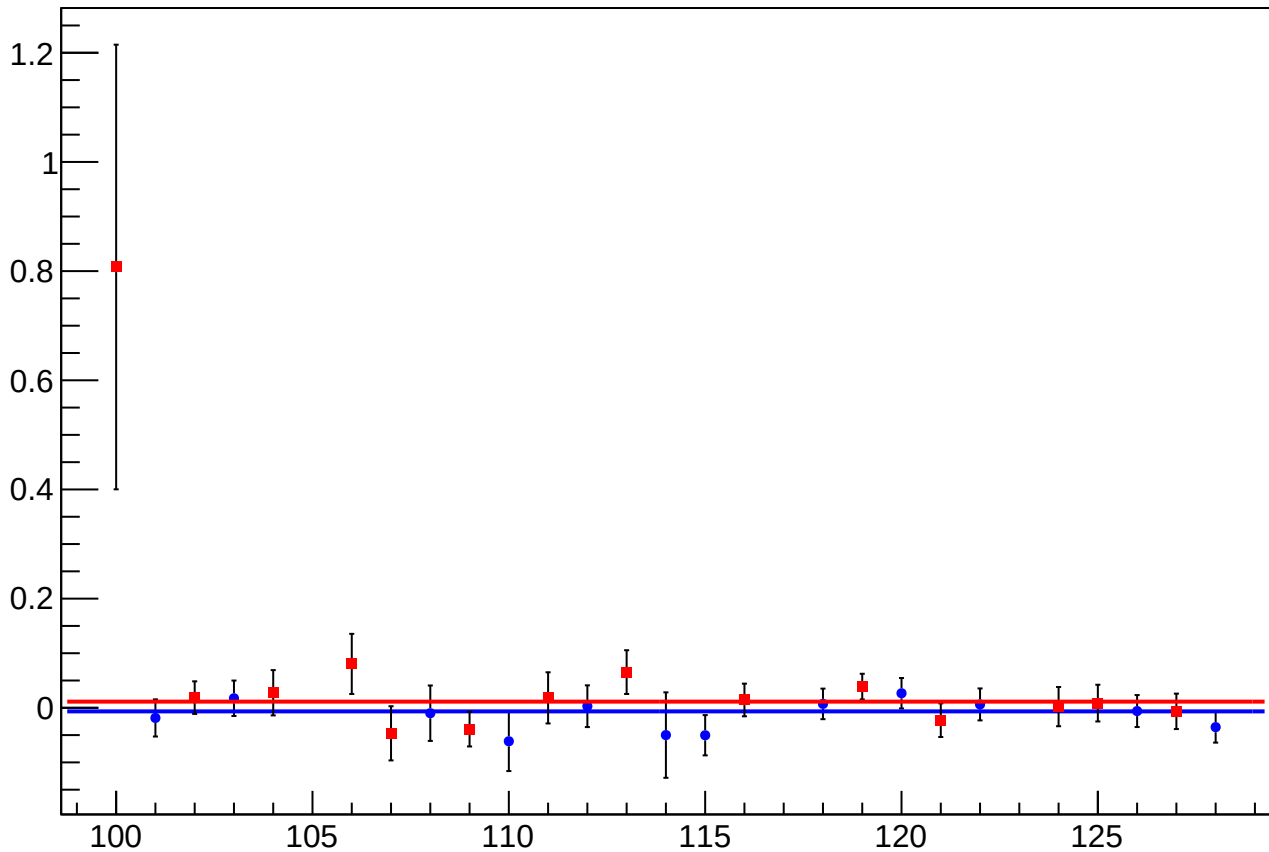
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3508650.4/25

- 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: 6.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.011 $\pm$ 0.009 χ^2 /NDF: 14.3/13

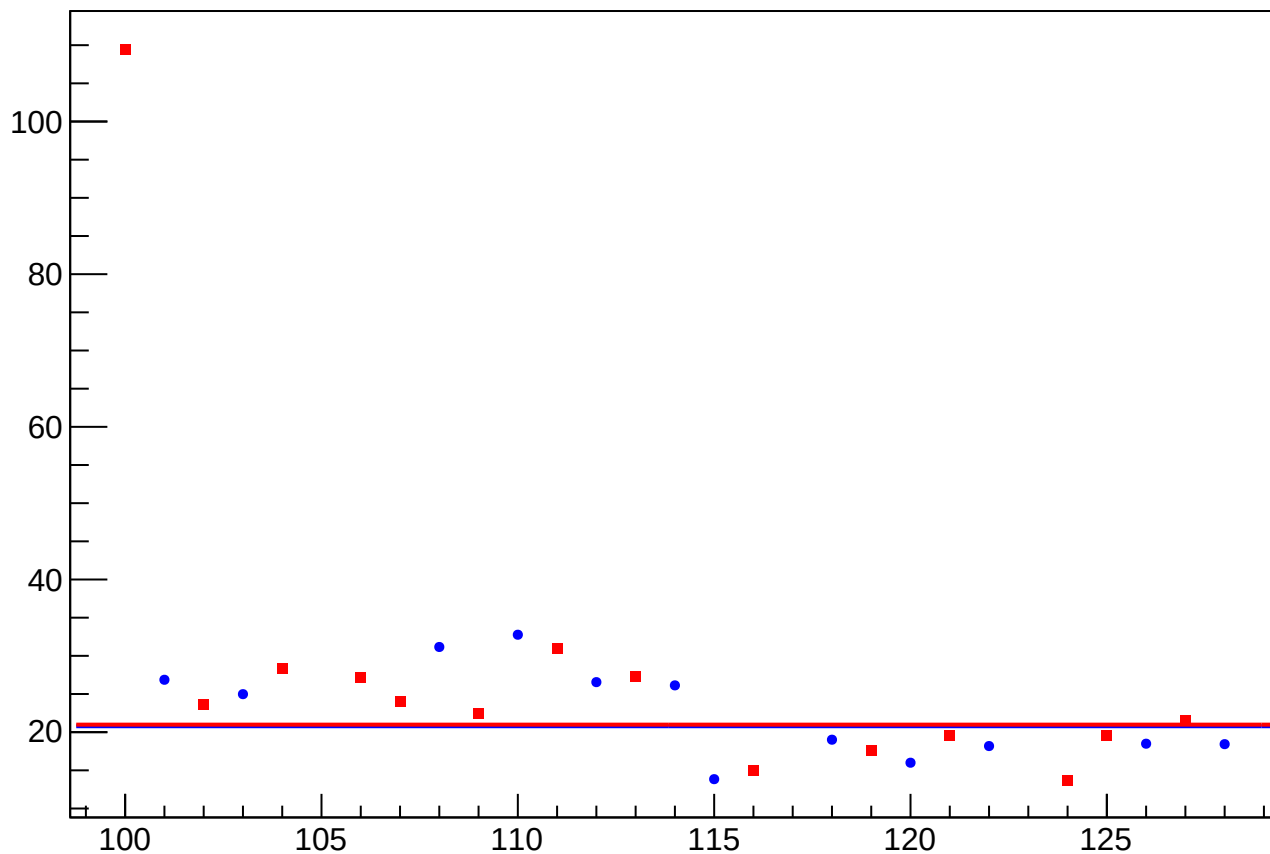
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.007 χ^2 /NDF: 22.3/25

- 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: 20.779 $\pm$ 0.007 χ^2 /NDF: 511375.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.987 $\pm$ 0.007 χ^2 /NDF: 565708.5/13

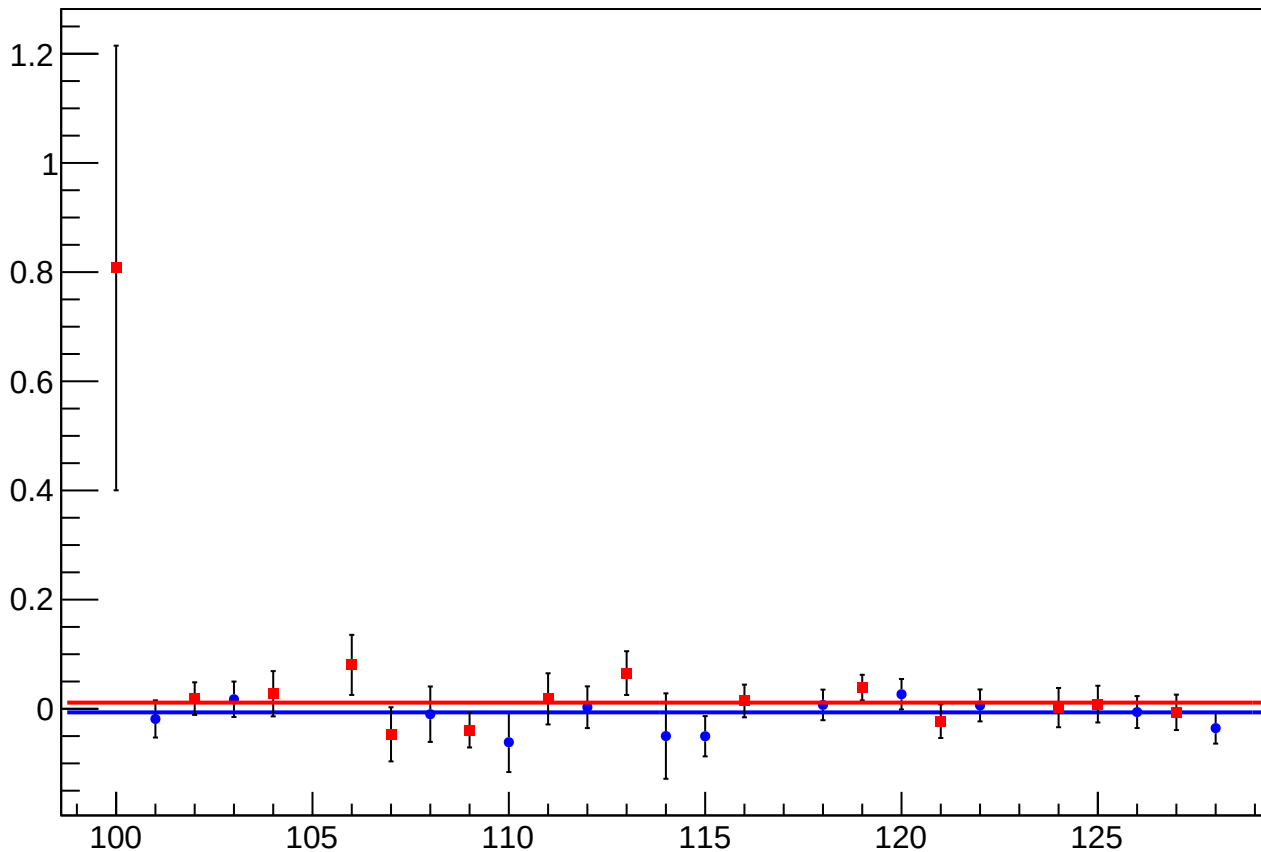
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.887 $\pm$ 0.005 χ^2 /NDF: 1077546.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.007+/-0.010 χ^2/NDF : 6.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.009 χ^2/NDF : 14.3/13

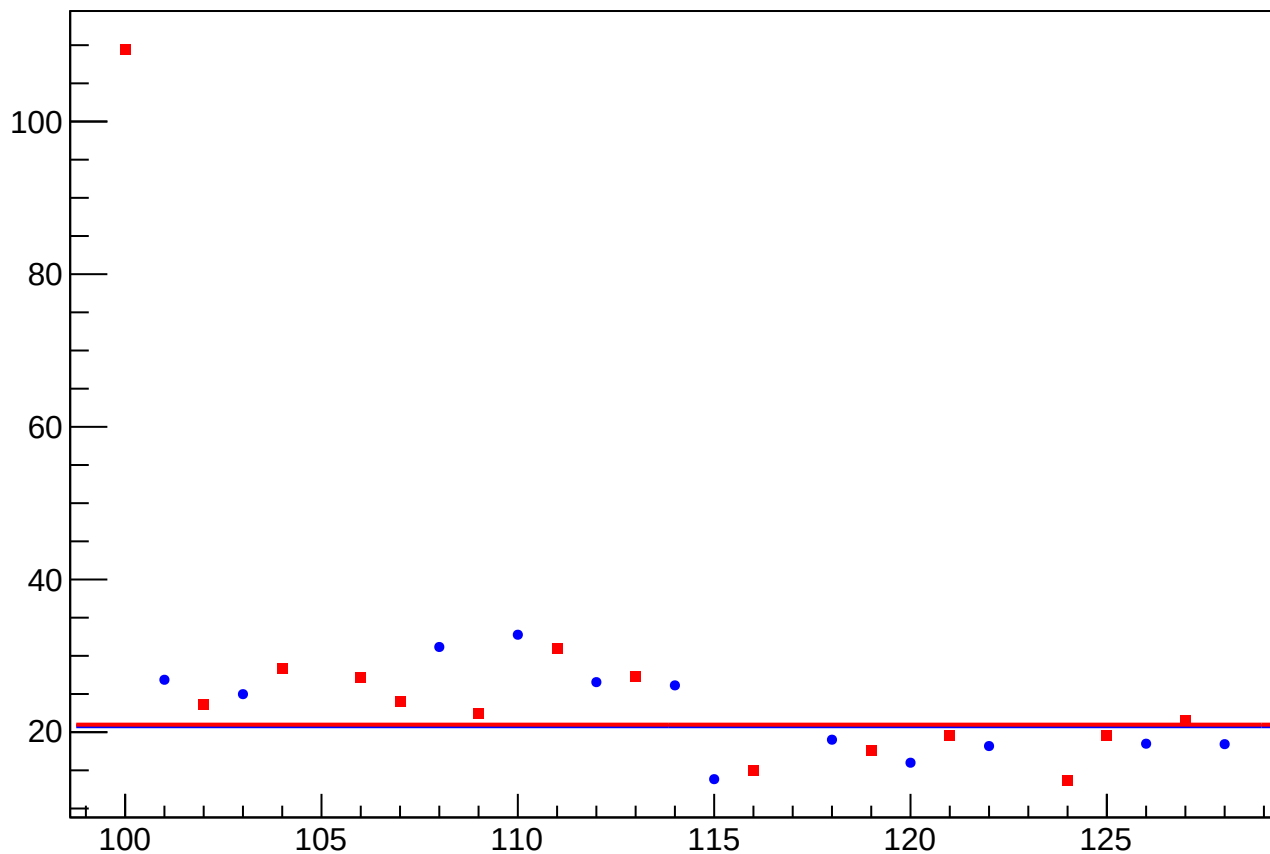
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.007 χ^2/NDF : 22.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 20.779+/-0.007 χ^2/NDF : 511375.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.987+/-0.007 χ^2/NDF : 565708.5/13

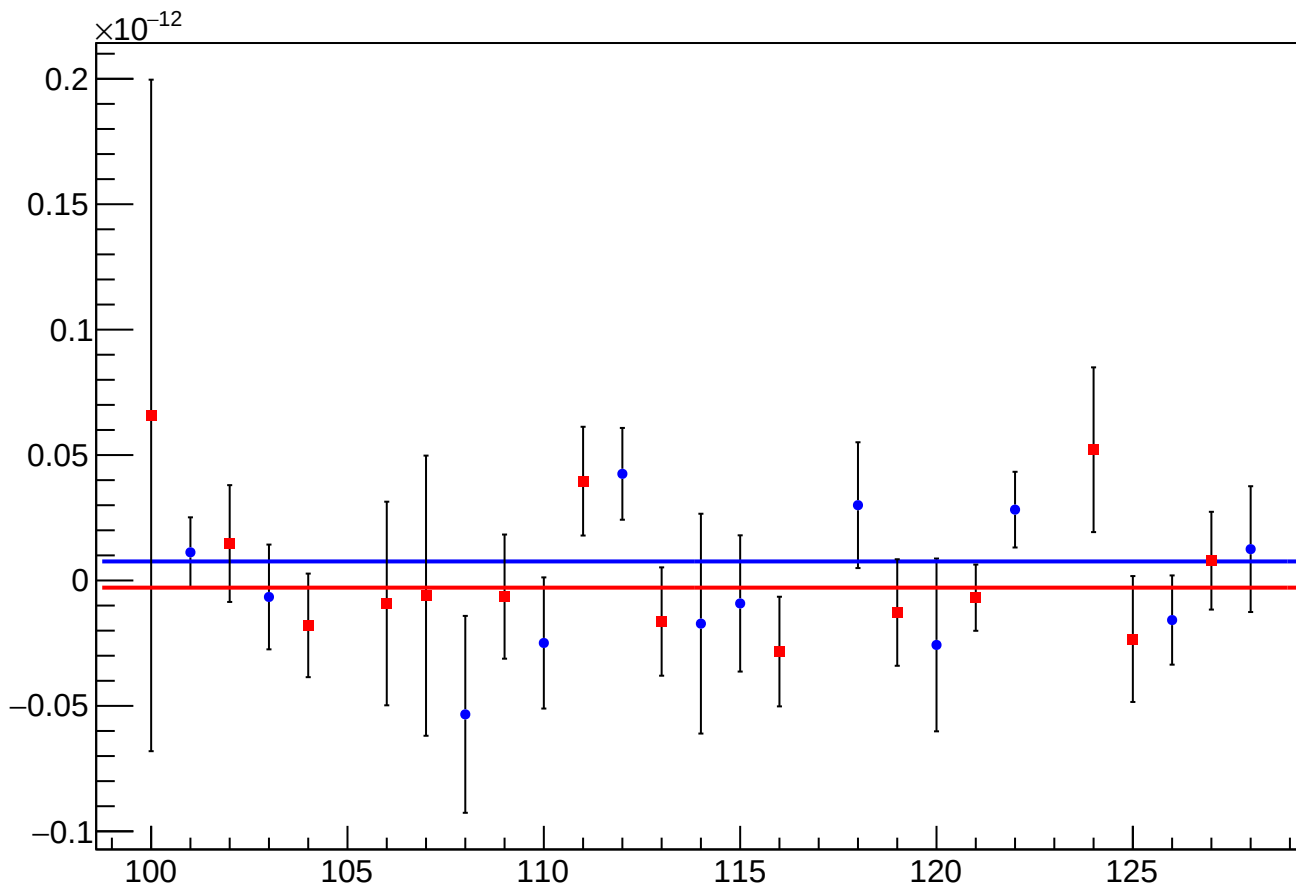
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.887+/-0.005 χ^2/NDF : 1077546.4/25

- 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+/-0.000 χ^2/NDF : 14.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.1/13

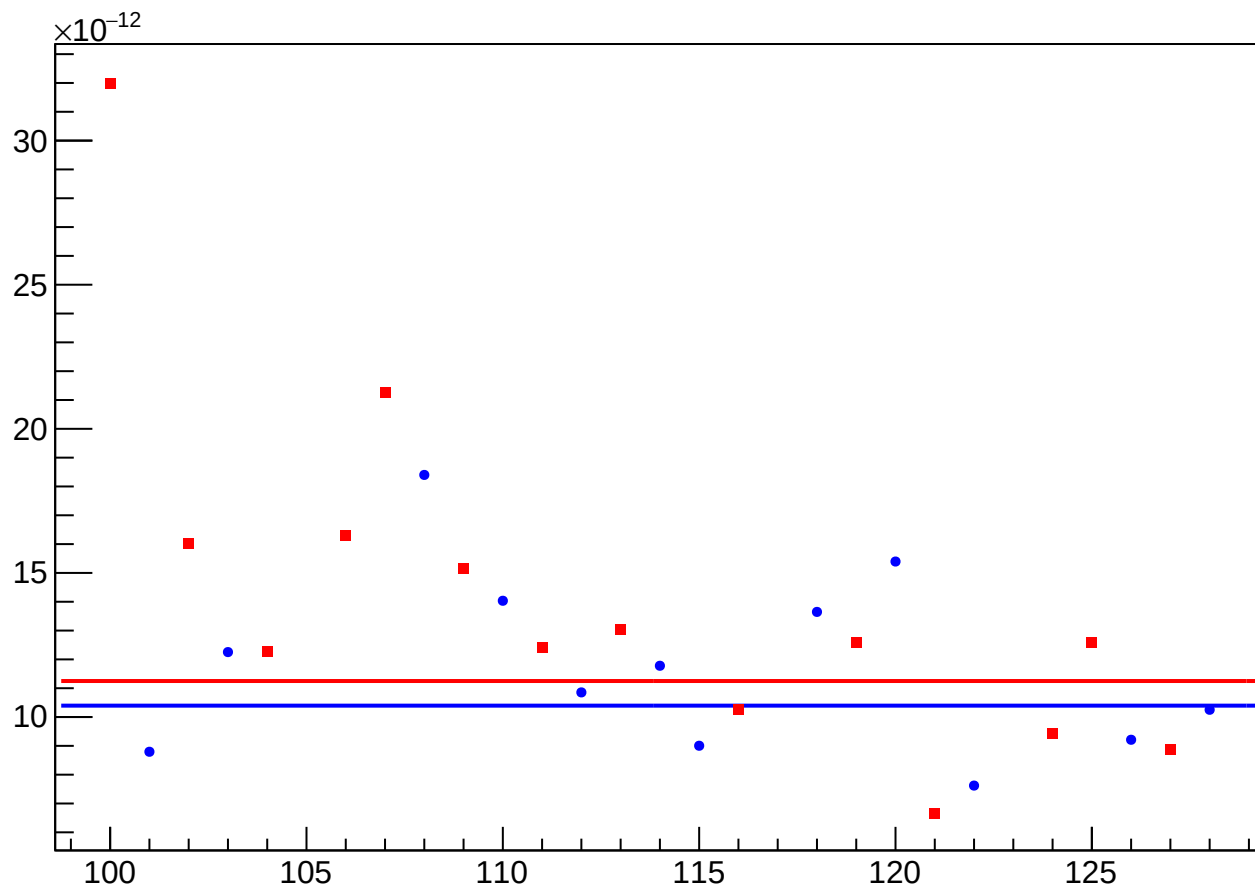
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.7/25

- sign 0.000+/-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 : 324887.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 597850.9/13

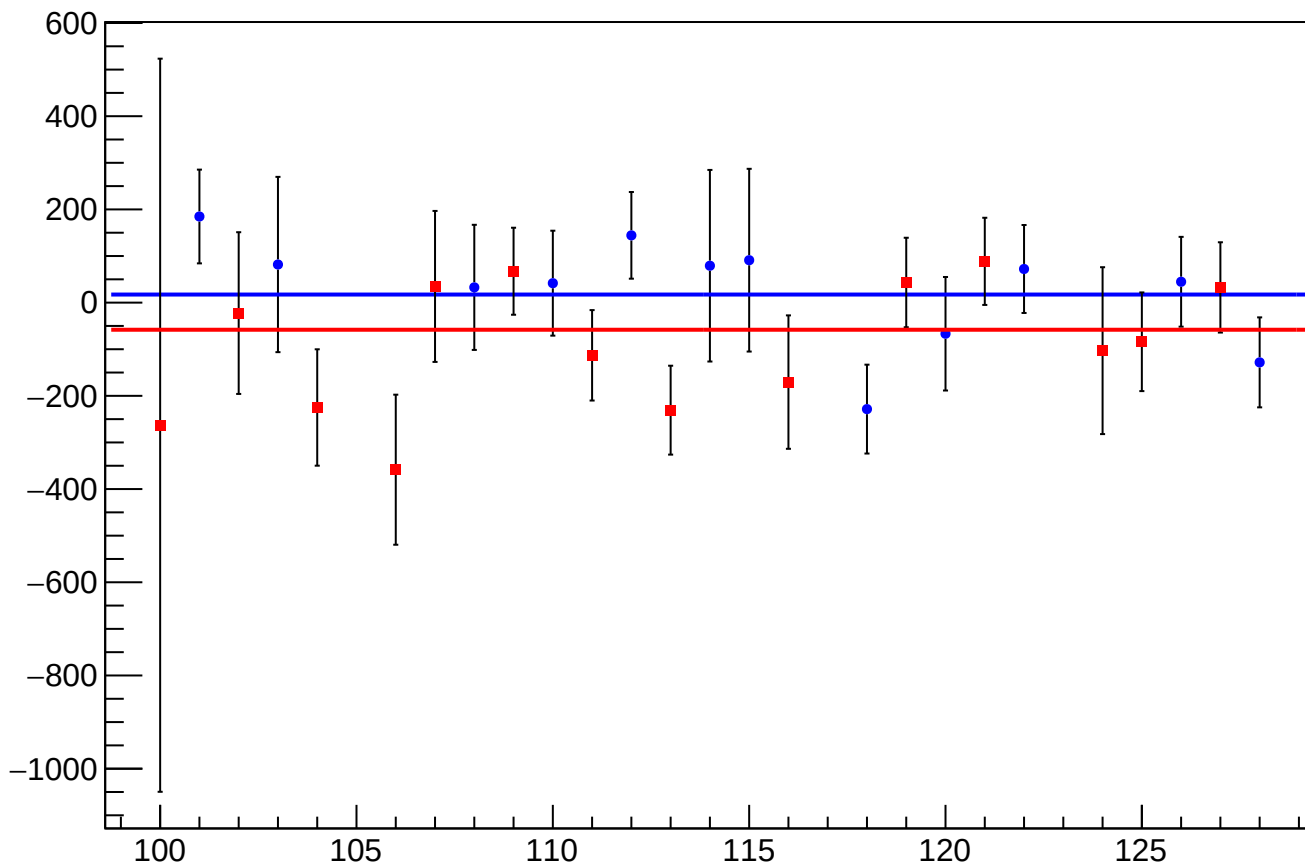
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 941817.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_mean vs Slug



Right In: 17.344+/-32.762 χ^2/NDF : 14.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -58.181+/-31.539 χ^2/NDF : 16.3/13

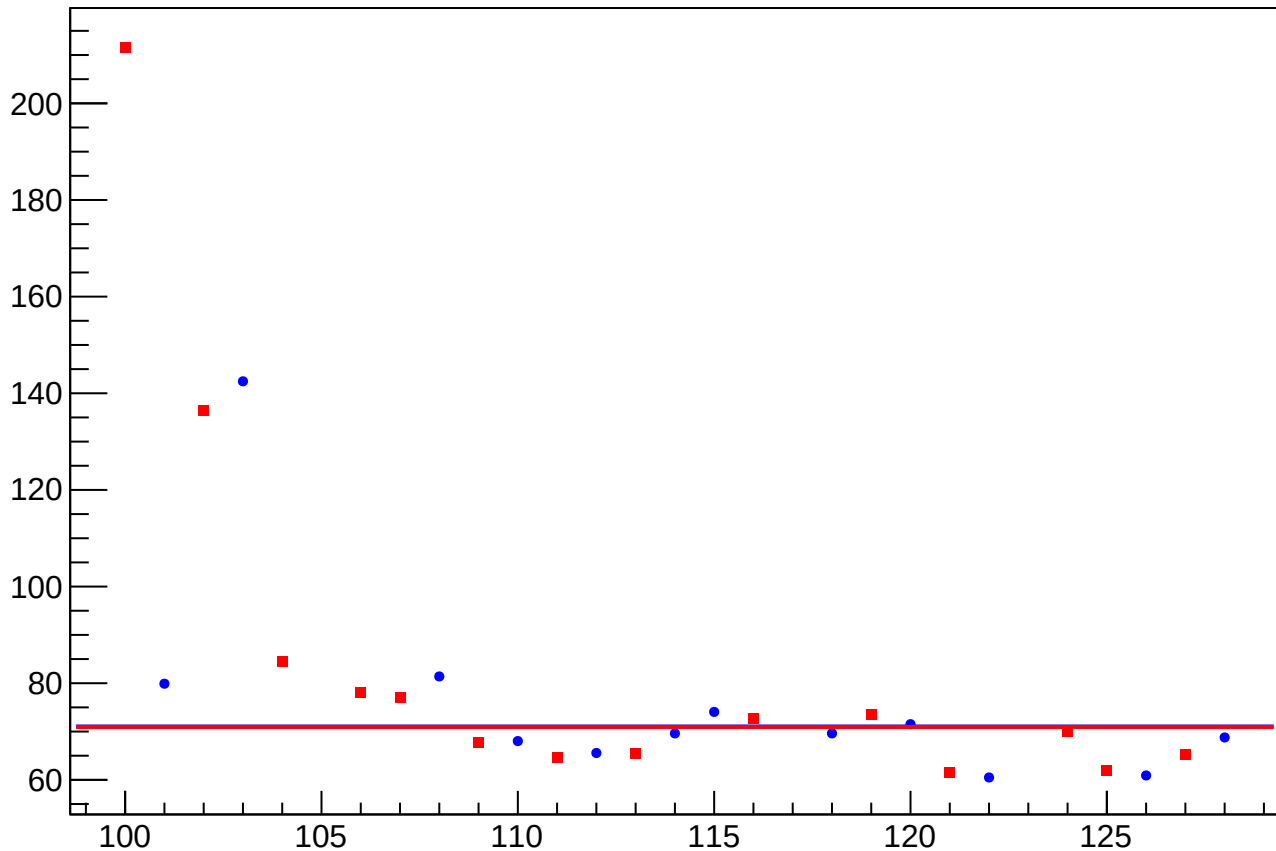
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.855+/-22.722 χ^2/NDF : 33.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_rms vs Slug



Right In: 71.042+/-0.023 χ^2/NDF : 373647.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.954+/-0.022 χ^2/NDF : 439997.2/13

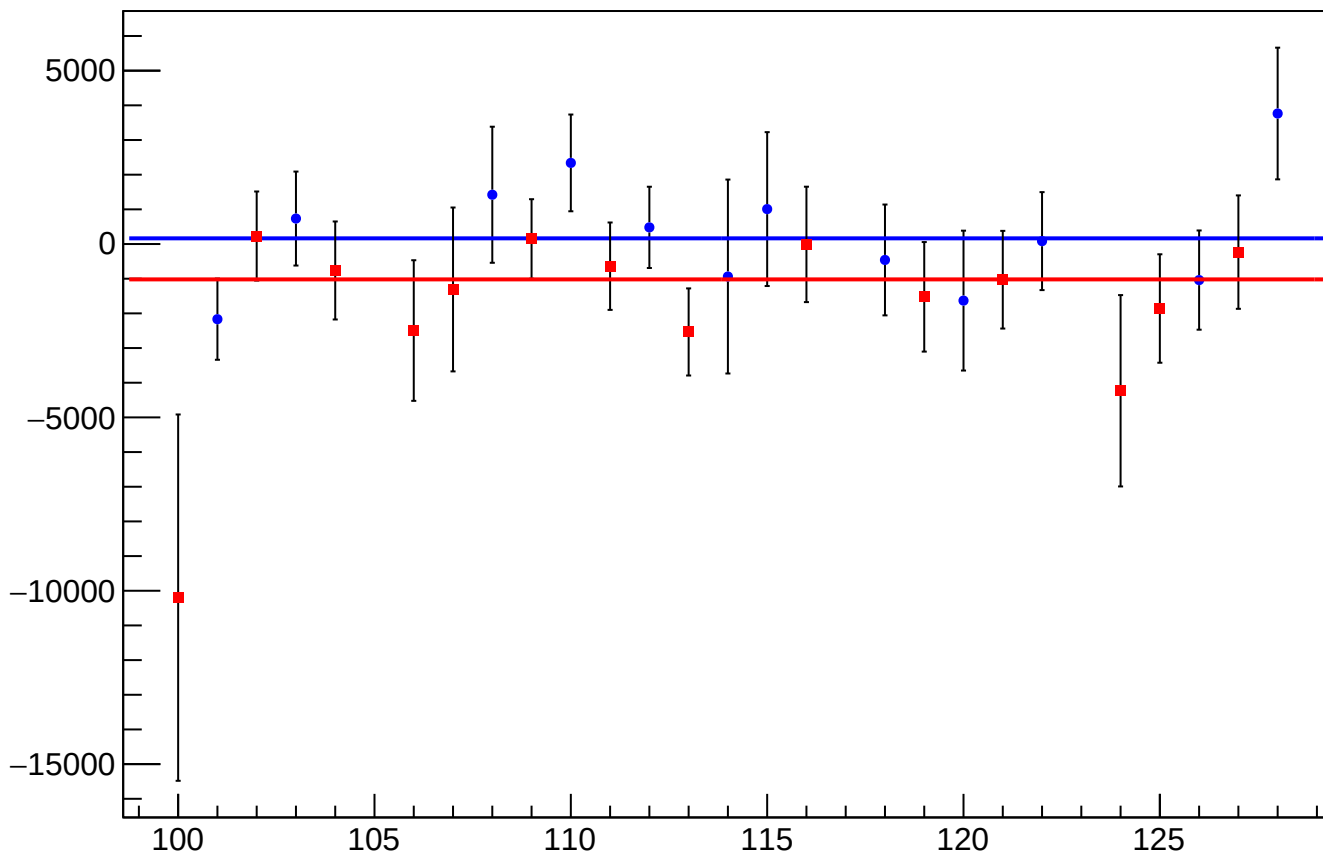
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.997+/-0.016 χ^2/NDF : 813652.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_reg_correction_mean vs Slug



Right In: 164.073+/-446.726 χ^2/NDF : 12.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1019.820+/-416.366 χ^2/NDF : 9.5/13

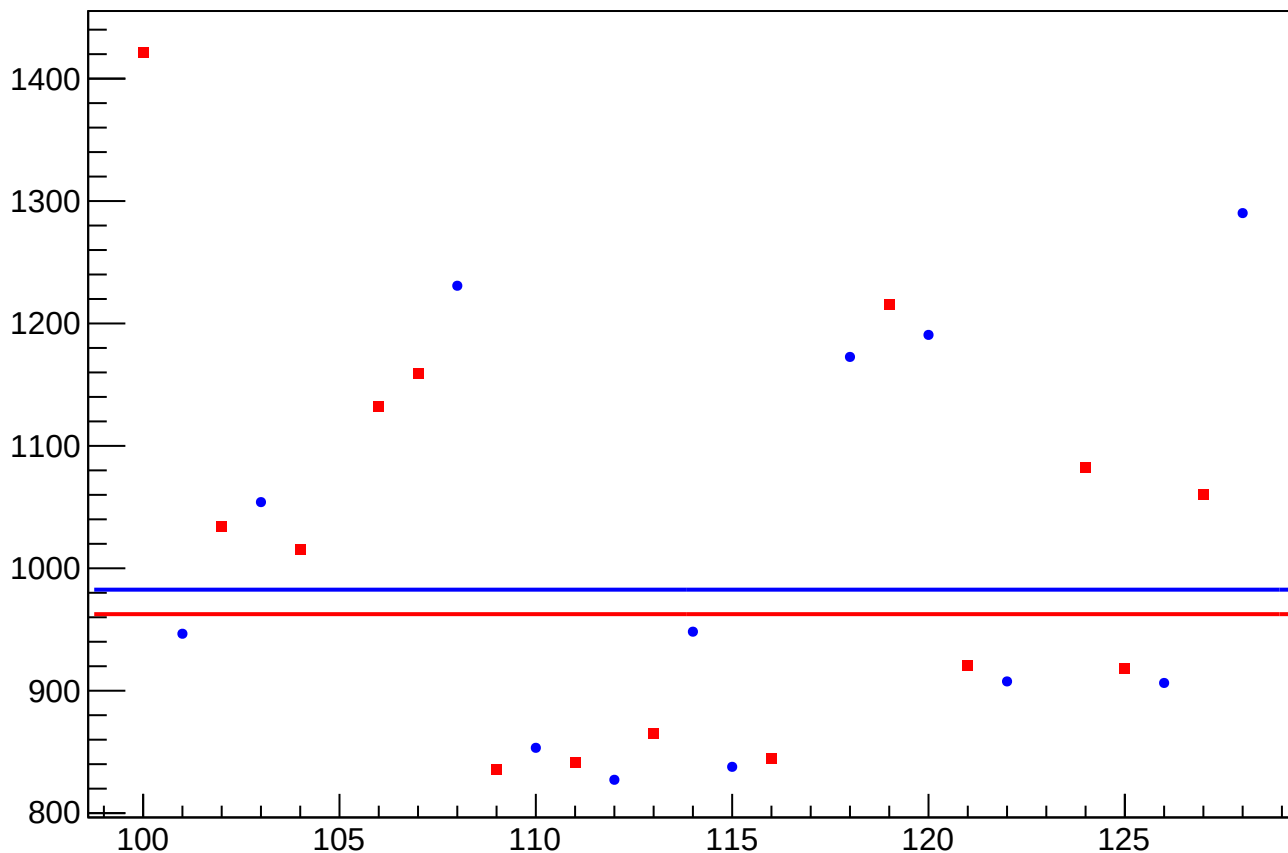
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -469.466+/-304.583 χ^2/NDF : 25.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_reg_correction_rms vs Slug



Right In: 982.551+/-0.316 χ^2/NDF : 213946.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 962.547+/-0.294 χ^2/NDF : 182580.4/13

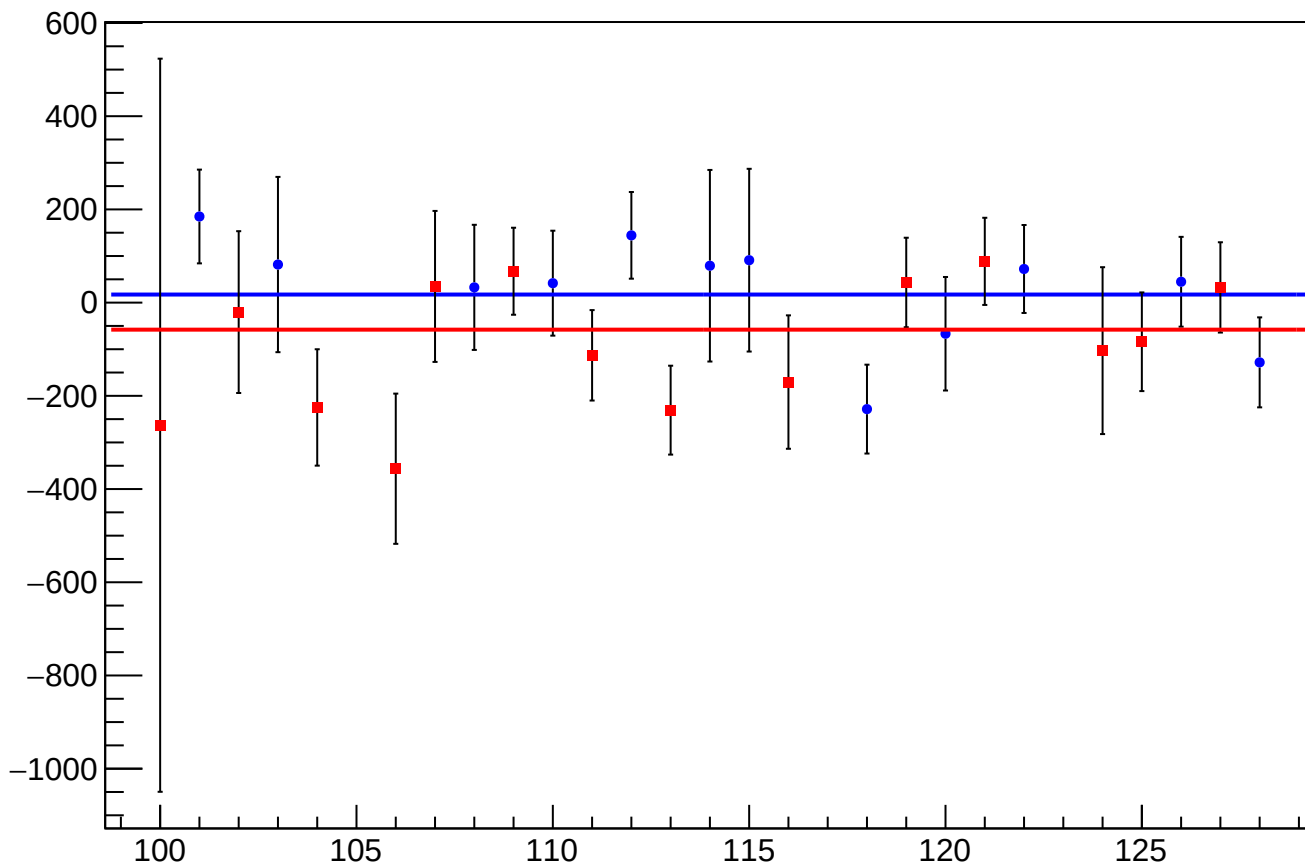
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 971.846+/-0.215 χ^2/NDF : 398672.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_12345678_avg_mean vs Slug



Right In: 17.335+/-32.762 χ^2/NDF : 14.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -58.001+/-31.541 χ^2/NDF : 16.2/13

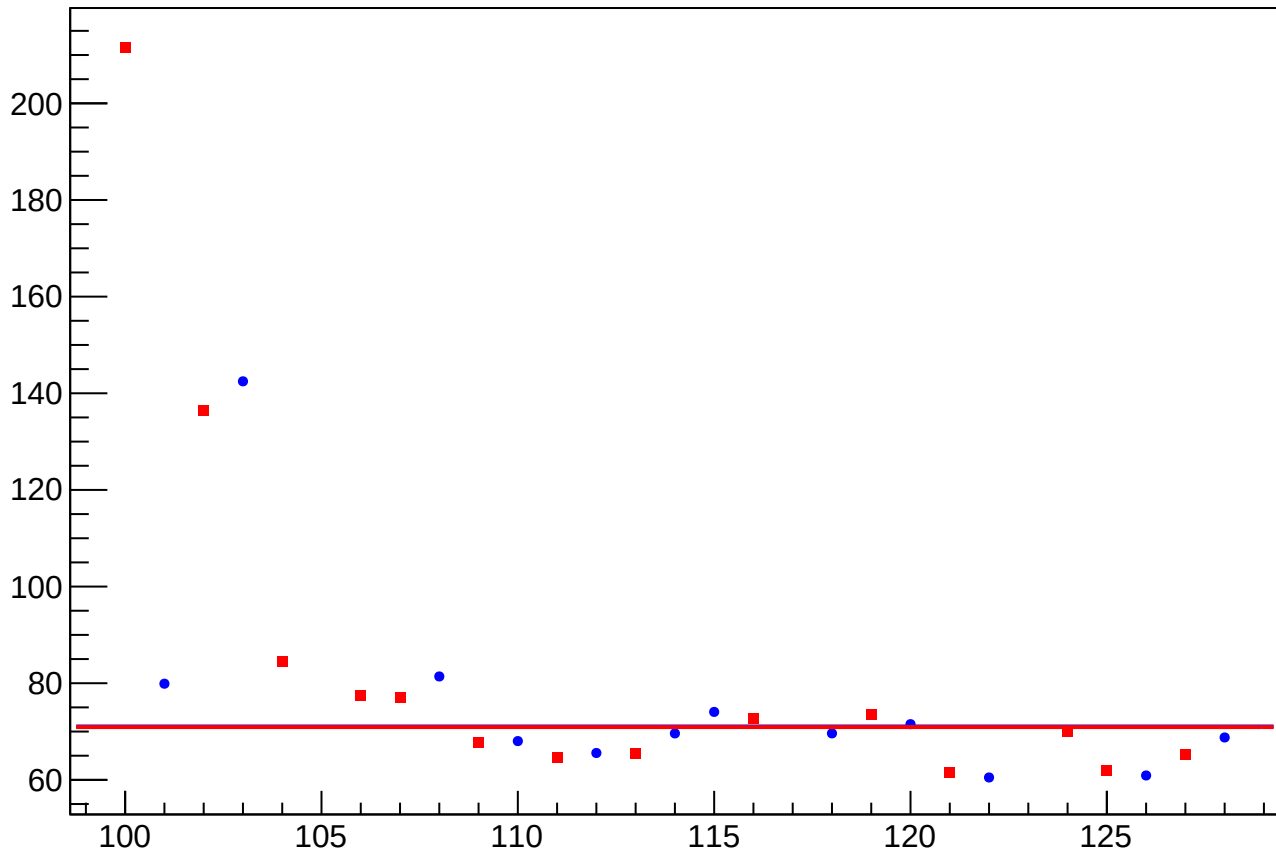
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.764+/-22.722 χ^2/NDF : 33.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_12345678_avg_rms vs Slug



Right In: 71.042+/-0.023 χ^2/NDF : 373651.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.927+/-0.022 χ^2/NDF : 439529.0/13

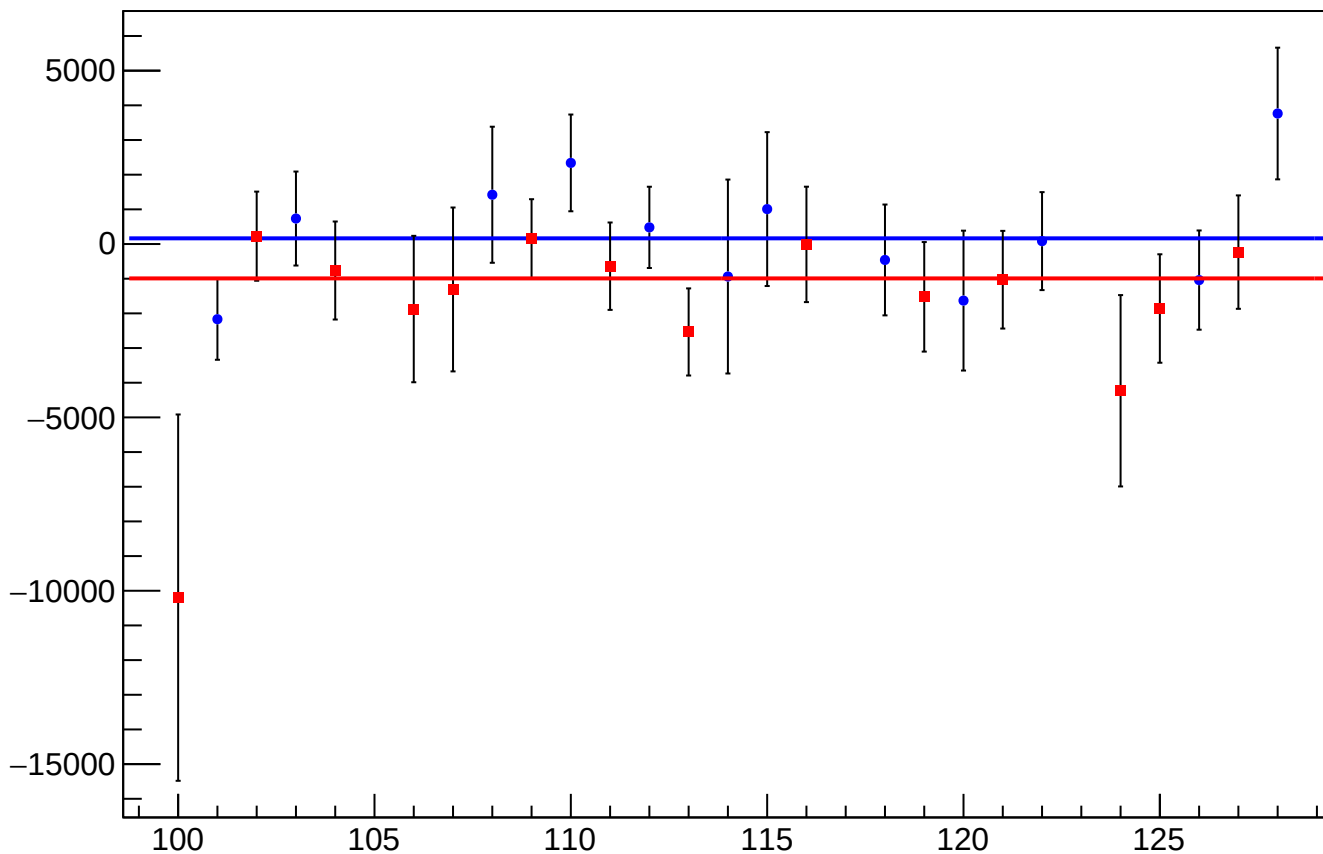
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.982+/-0.016 χ^2/NDF : 813193.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_cor_correction_mean vs Slug



Right In: 164.126 $\pm$ 446.730 χ^2 /NDF: 12.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -991.527 $\pm$ 417.081 χ^2 /NDF: 9.1/13

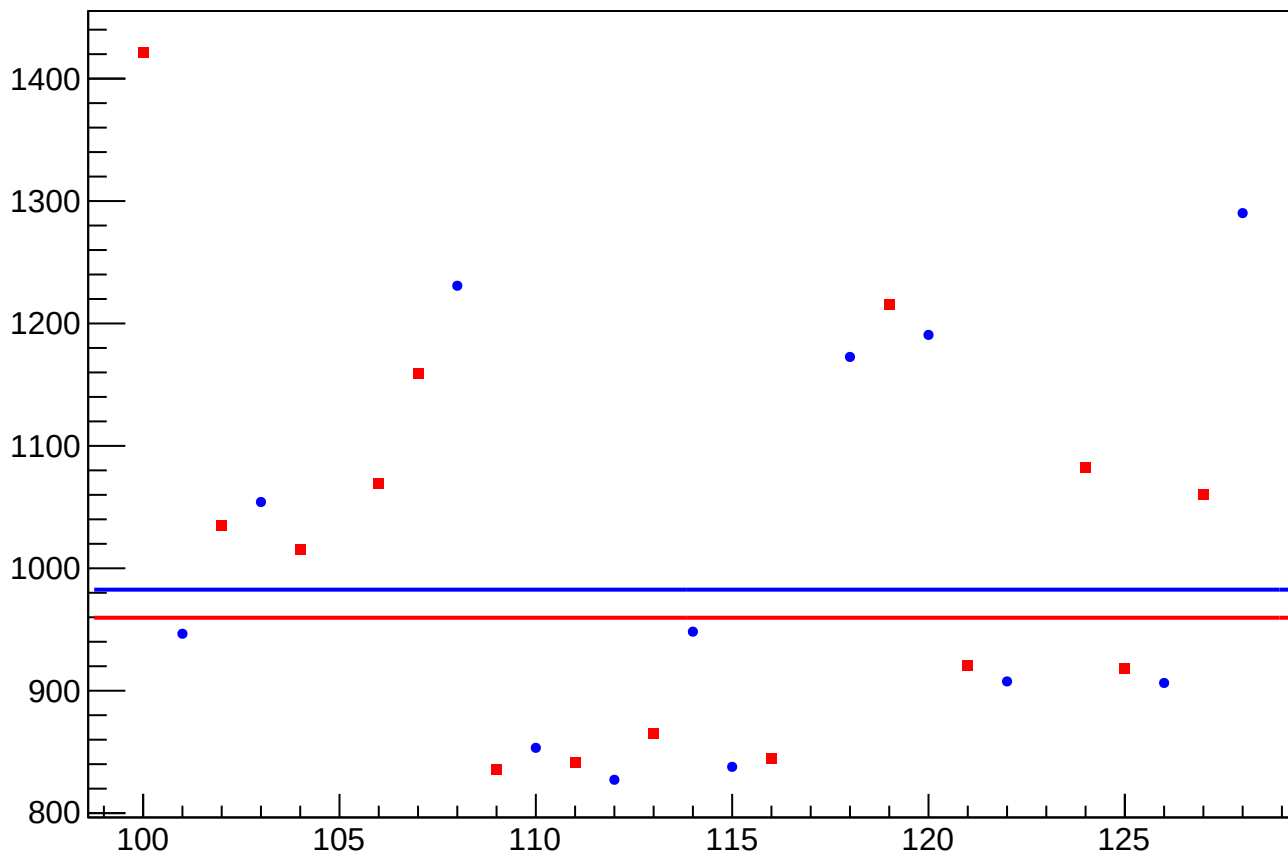
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -453.319 $\pm$ 304.864 χ^2 /NDF: 25.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_cor_correction_rms vs Slug



Right In: 982.559+/-0.316 χ^2/NDF : 213958.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 959.613+/-0.295 χ^2/NDF : 173748.7/13

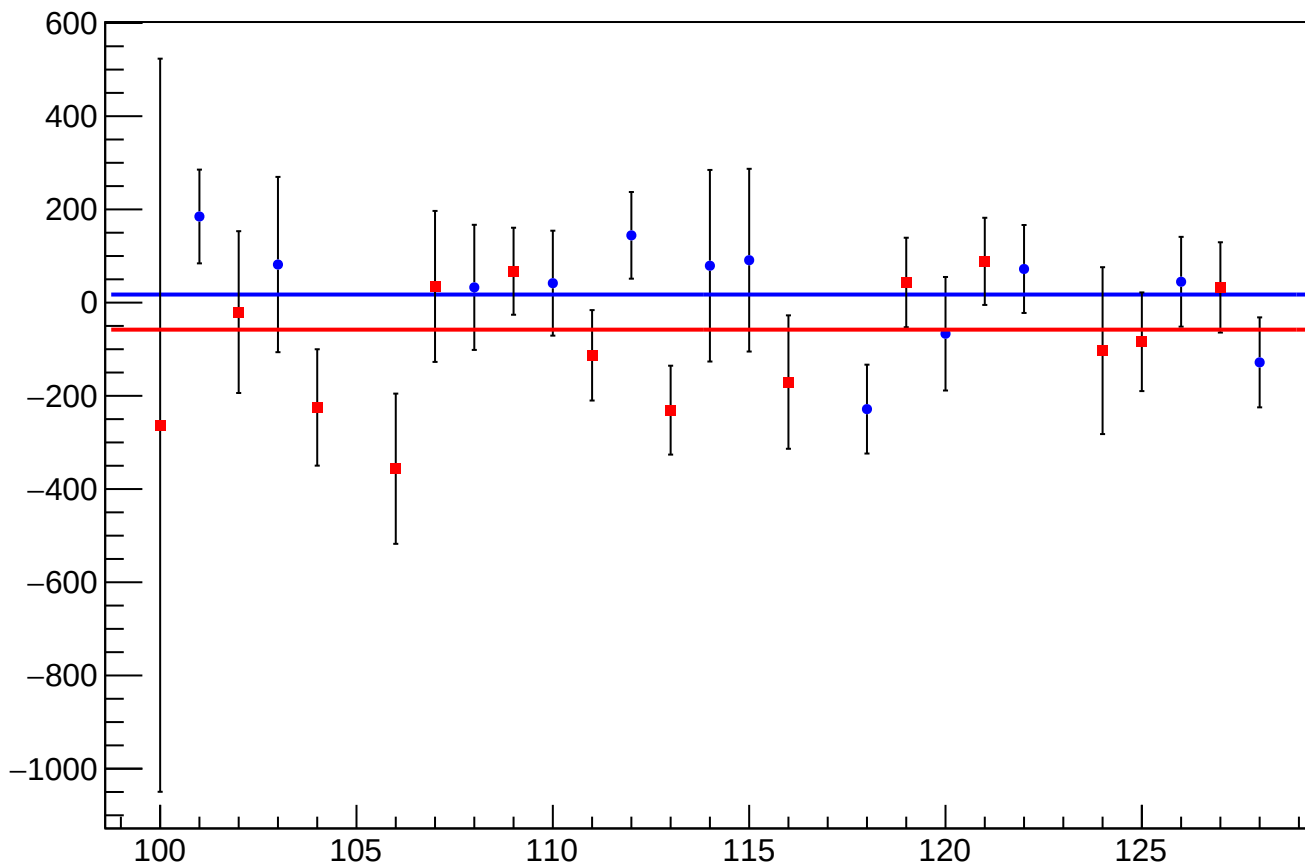
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 970.299+/-0.216 χ^2/NDF : 390526.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_12345678_avg_mean vs Slug



Right In: 17.335+/-32.762 χ^2/NDF : 14.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -58.001+/-31.541 χ^2/NDF : 16.2/13

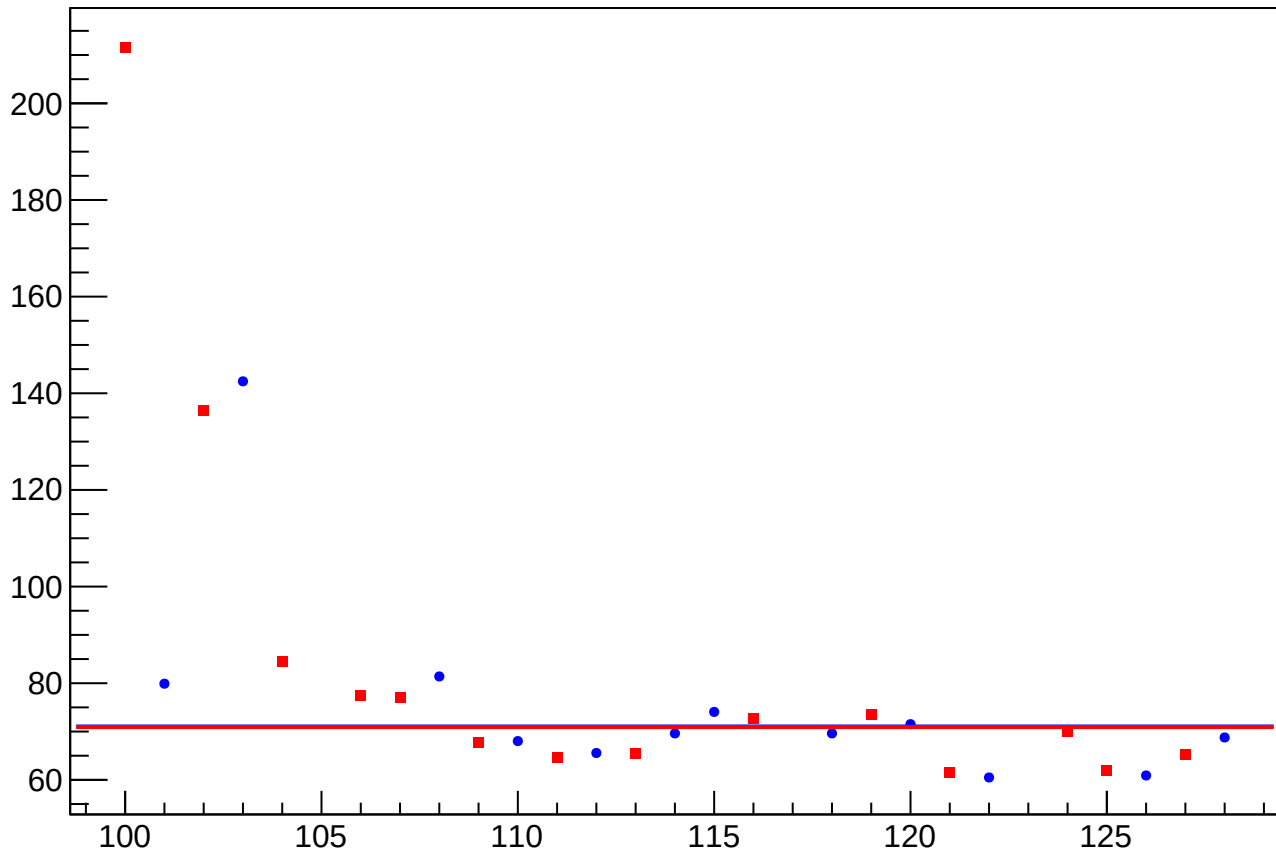
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.764+/-22.722 χ^2/NDF : 33.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_12345678_avg_rms vs Slug



Right In: 71.042+/-0.023 χ^2/NDF : 373651.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.927+/-0.022 χ^2/NDF : 439529.0/13

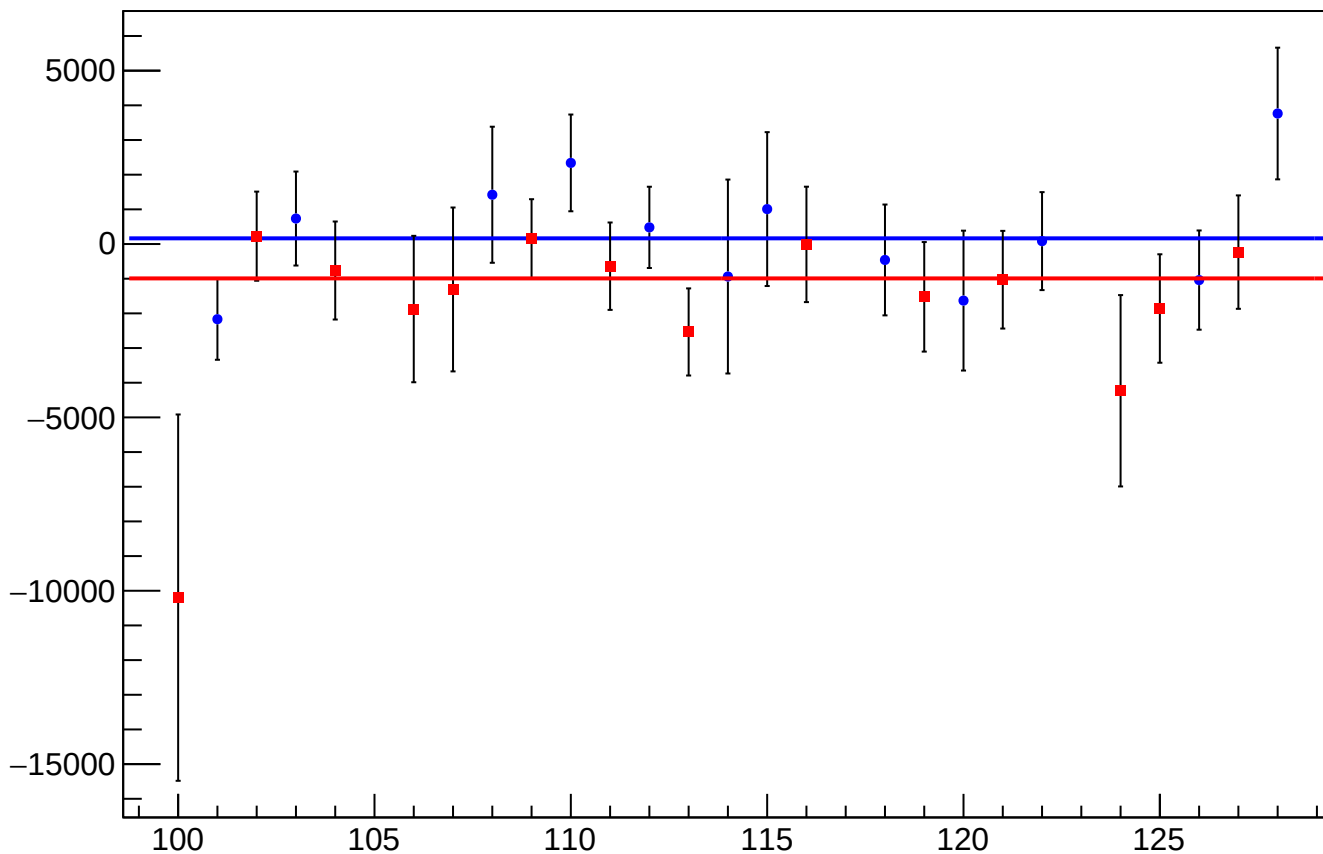
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.982+/-0.016 χ^2/NDF : 813193.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_eigen_cor_correction_mean vs Slug



Right In: 164.126+/-446.730 χ^2/NDF : 12.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -991.527+/-417.081 χ^2/NDF : 9.1/13

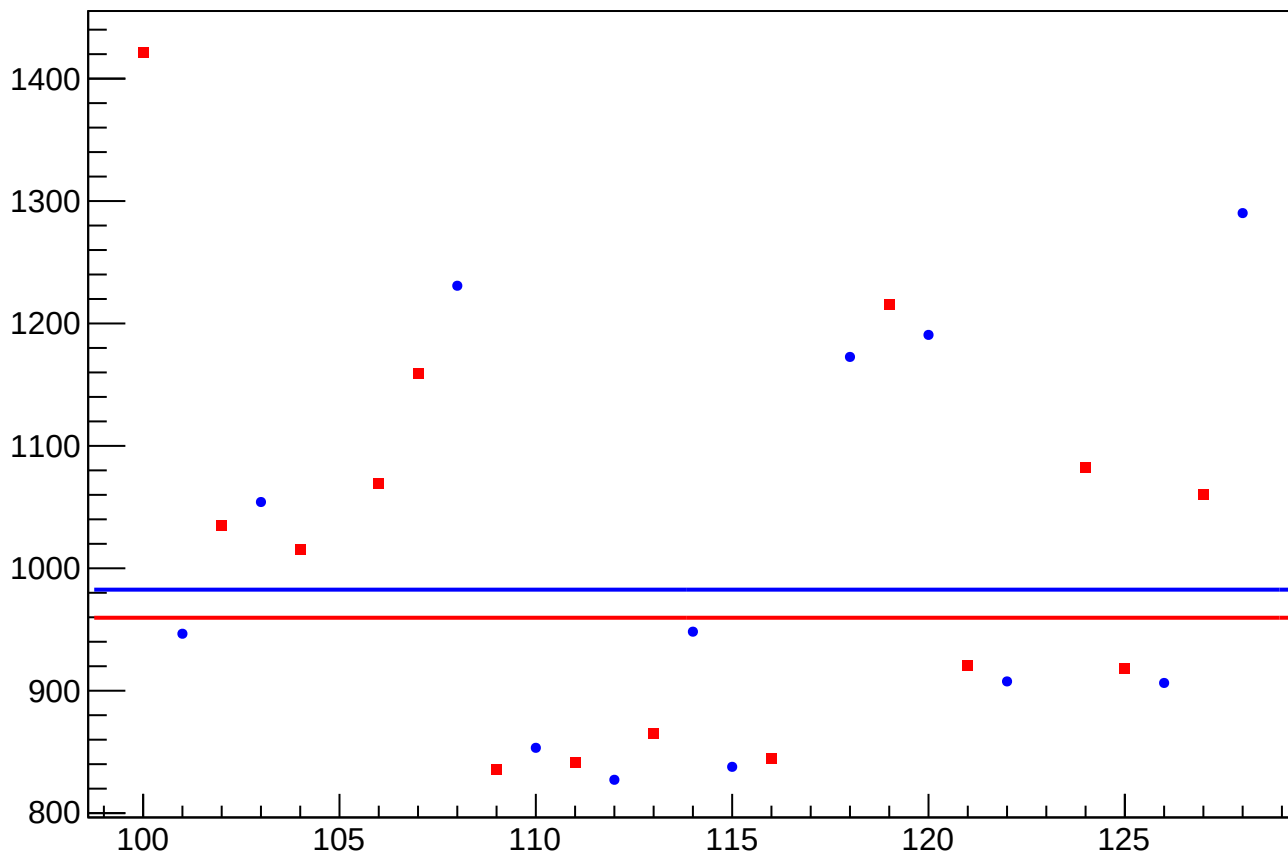
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -453.319+/-304.864 χ^2/NDF : 25.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_eigen_cor_correction_rms vs Slug



Right In: 982.559+/-0.316 χ^2/NDF : 213958.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 959.613+/-0.295 χ^2/NDF : 173748.7/13

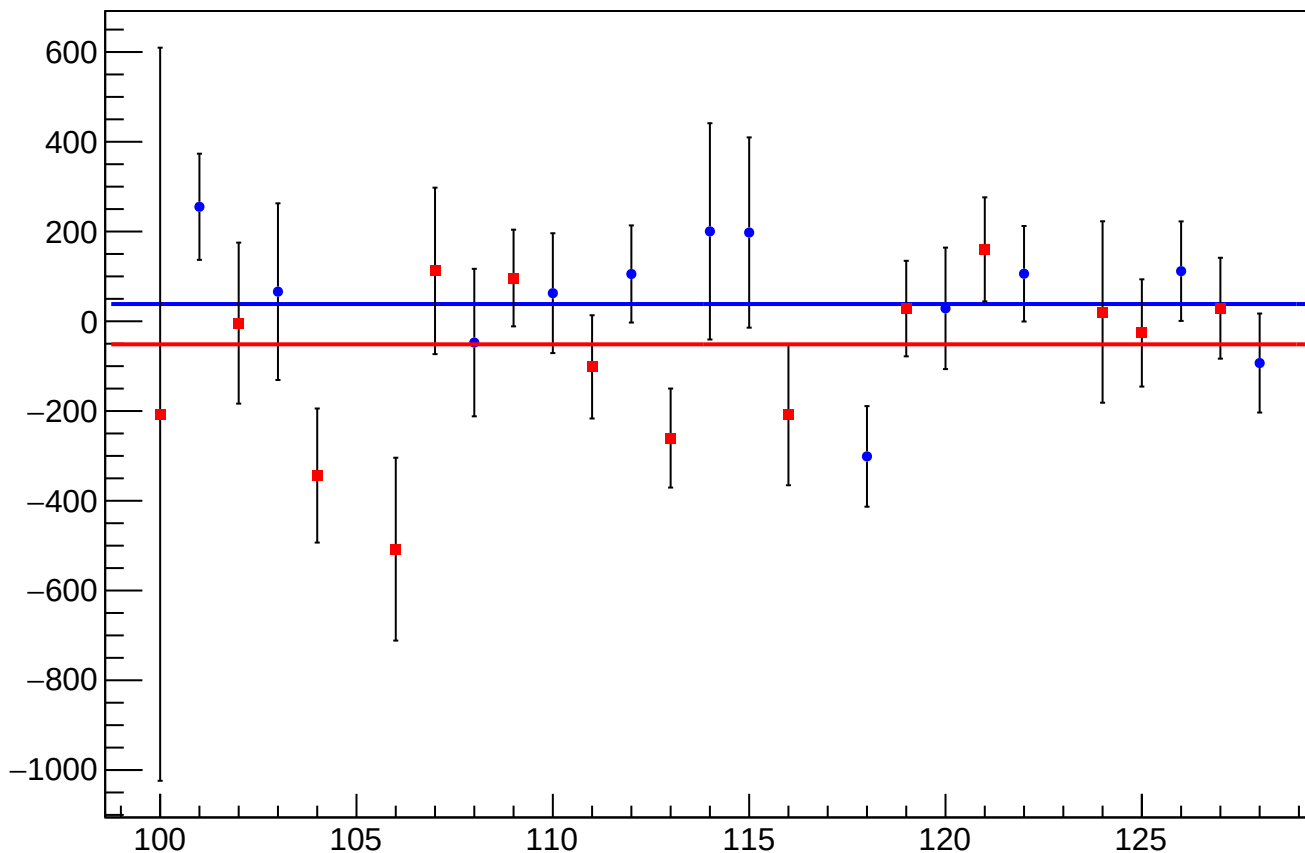
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 970.299+/-0.216 χ^2/NDF : 390526.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_12345678_avg_mean vs Slug



Right In: 38.418+/-37.764 χ^2/NDF : 16.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -51.352+/-36.491 χ^2/NDF : 21.0/13

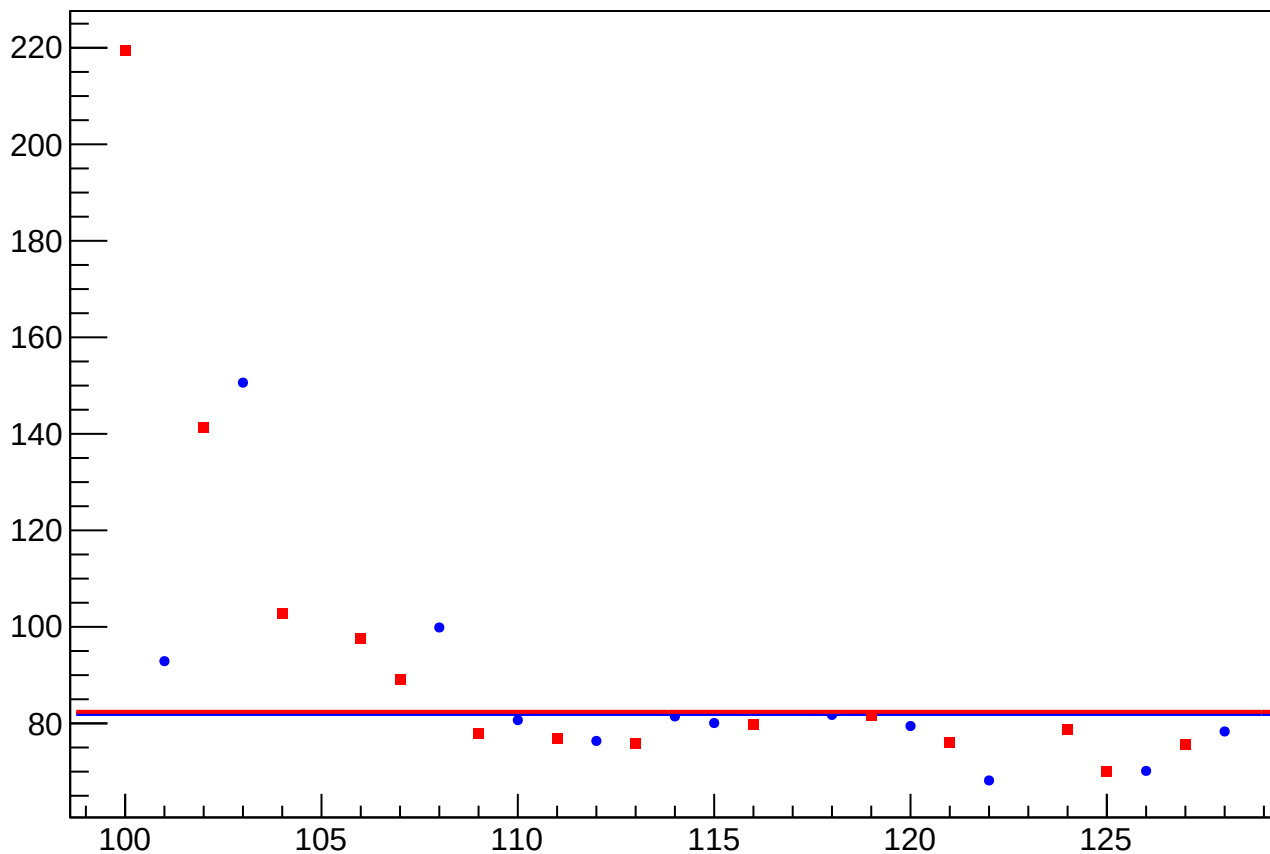
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.006+/-26.241 χ^2/NDF : 40.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_12345678_avg_rms vs Slug



Right In: 81.942+/-0.027 χ^2/NDF : 349002.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.403+/-0.026 χ^2/NDF : 373919.3/13

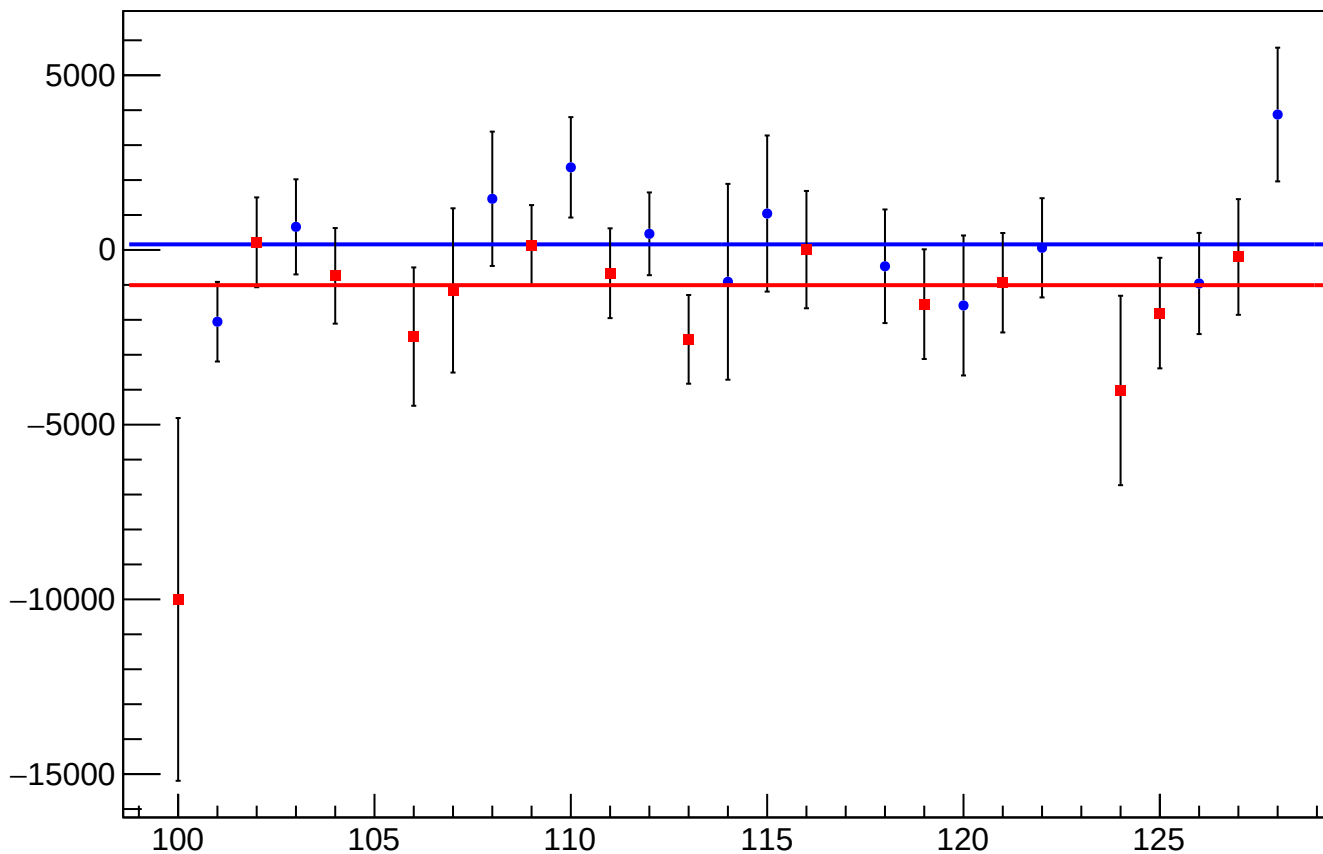
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.181+/-0.019 χ^2/NDF : 723075.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_dit_correction_mean vs Slug



Right In: 159.819+/-448.068 χ^2/NDF : 12.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1007.816+/-416.921 χ^2/NDF : 9.3/13

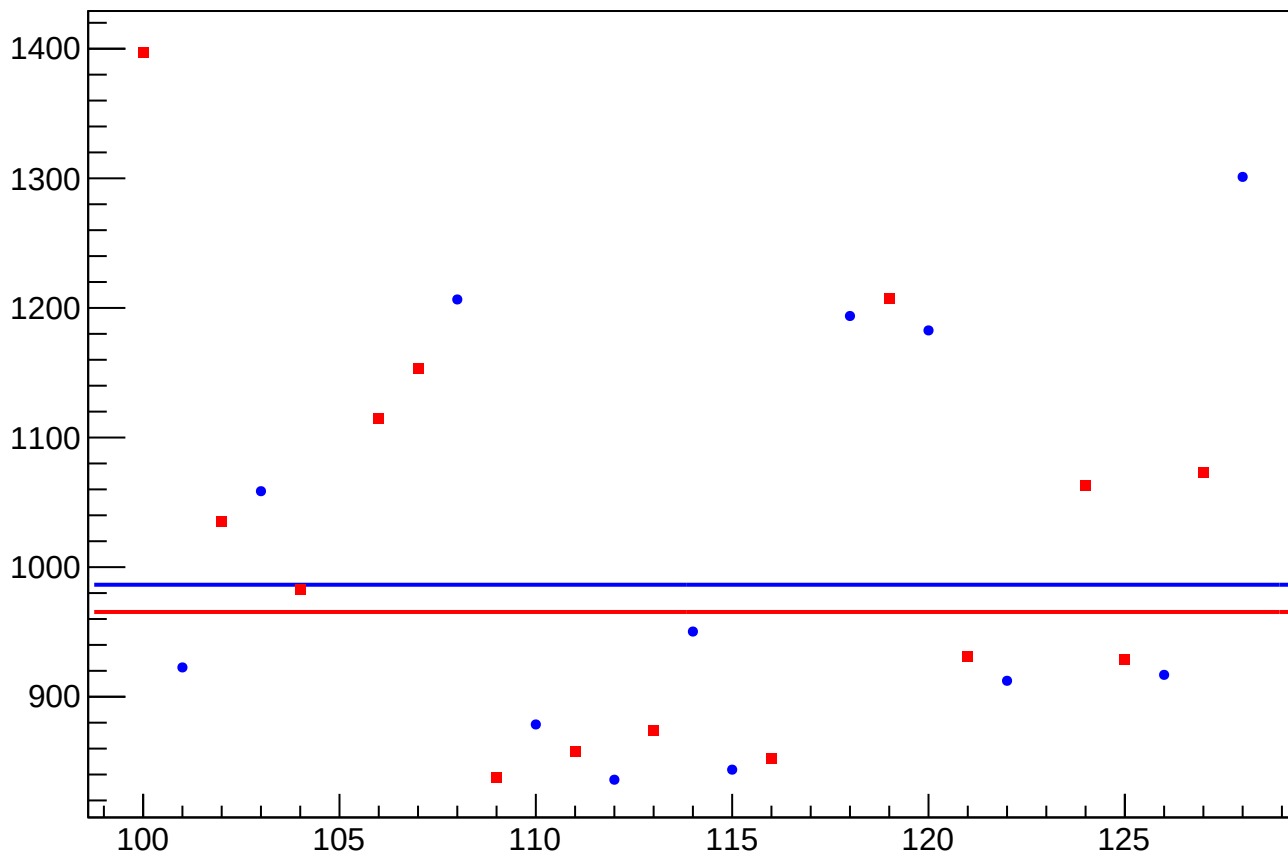
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -465.989+/-305.225 χ^2/NDF : 25.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_dit_correction_rms vs Slug



Right In: 986.427+/-0.317 χ^2/NDF : 206061.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 965.411+/-0.295 χ^2/NDF : 163170.6/13

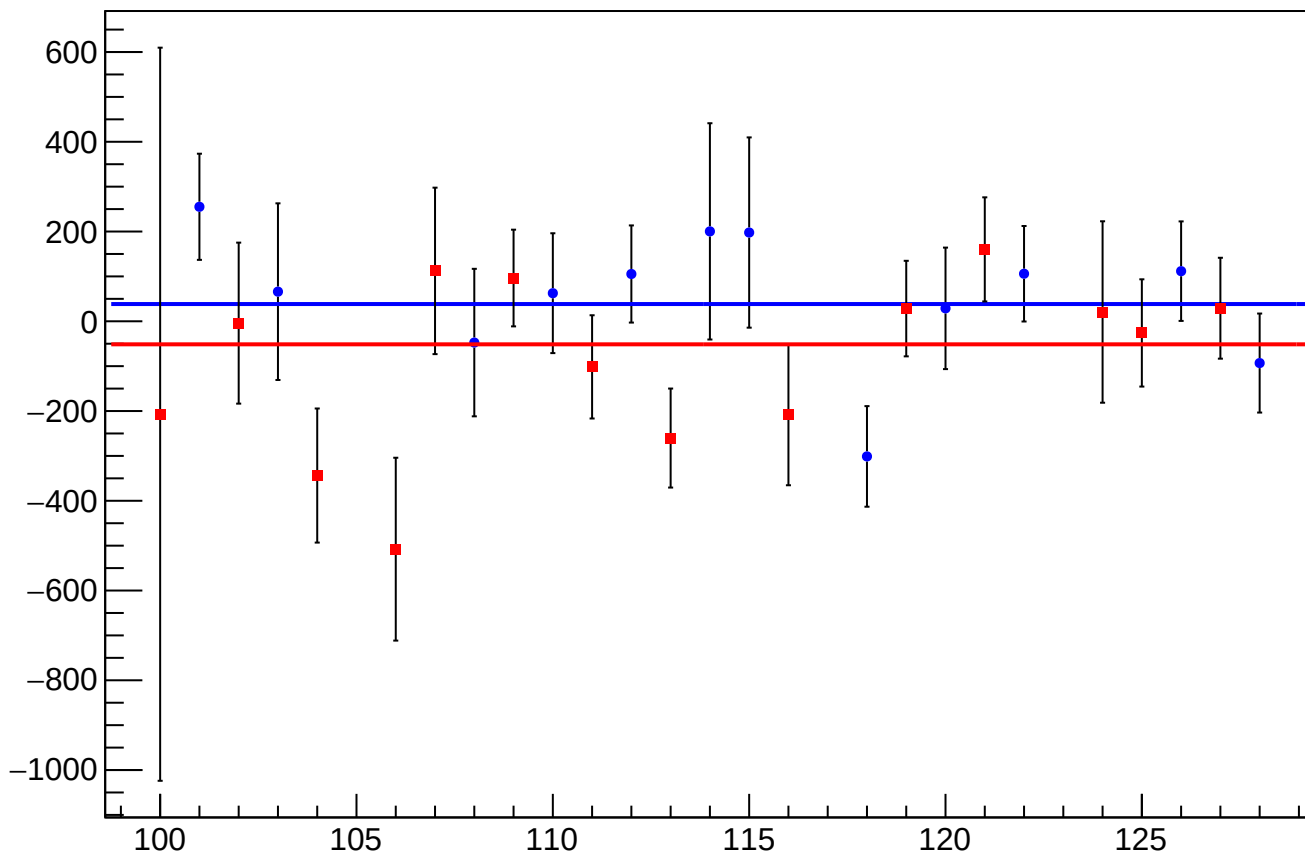
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 975.164+/-0.216 χ^2/NDF : 371590.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_12345678_avg_mean vs Slug



Right In: 38.416+/-37.764 χ^2/NDF : 16.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -51.350+/-36.491 χ^2/NDF : 21.0/13

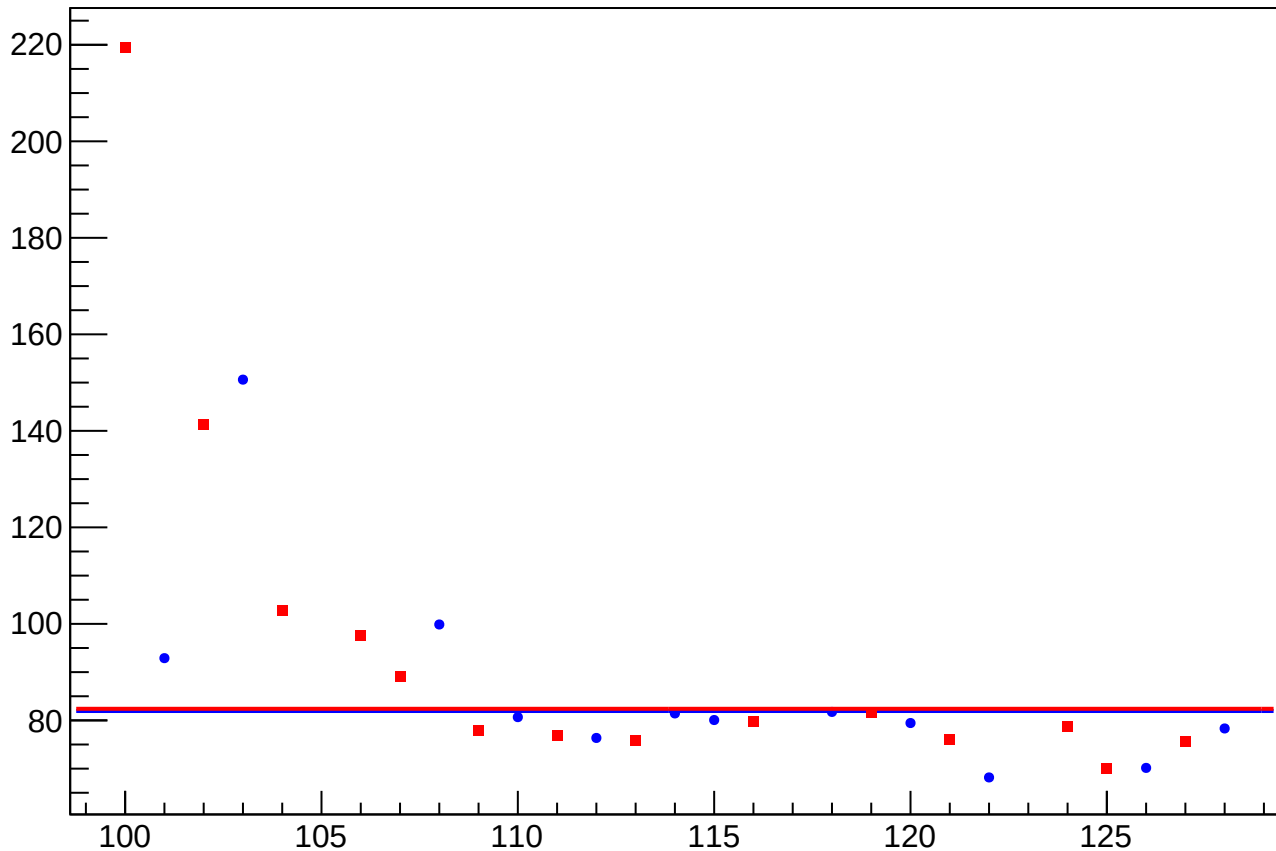
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.005+/-26.241 χ^2/NDF : 40.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_12345678_avg_rms vs Slug



Right In: 81.942+/-0.027 χ^2/NDF : 349005.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.403+/-0.026 χ^2/NDF : 373927.7/13

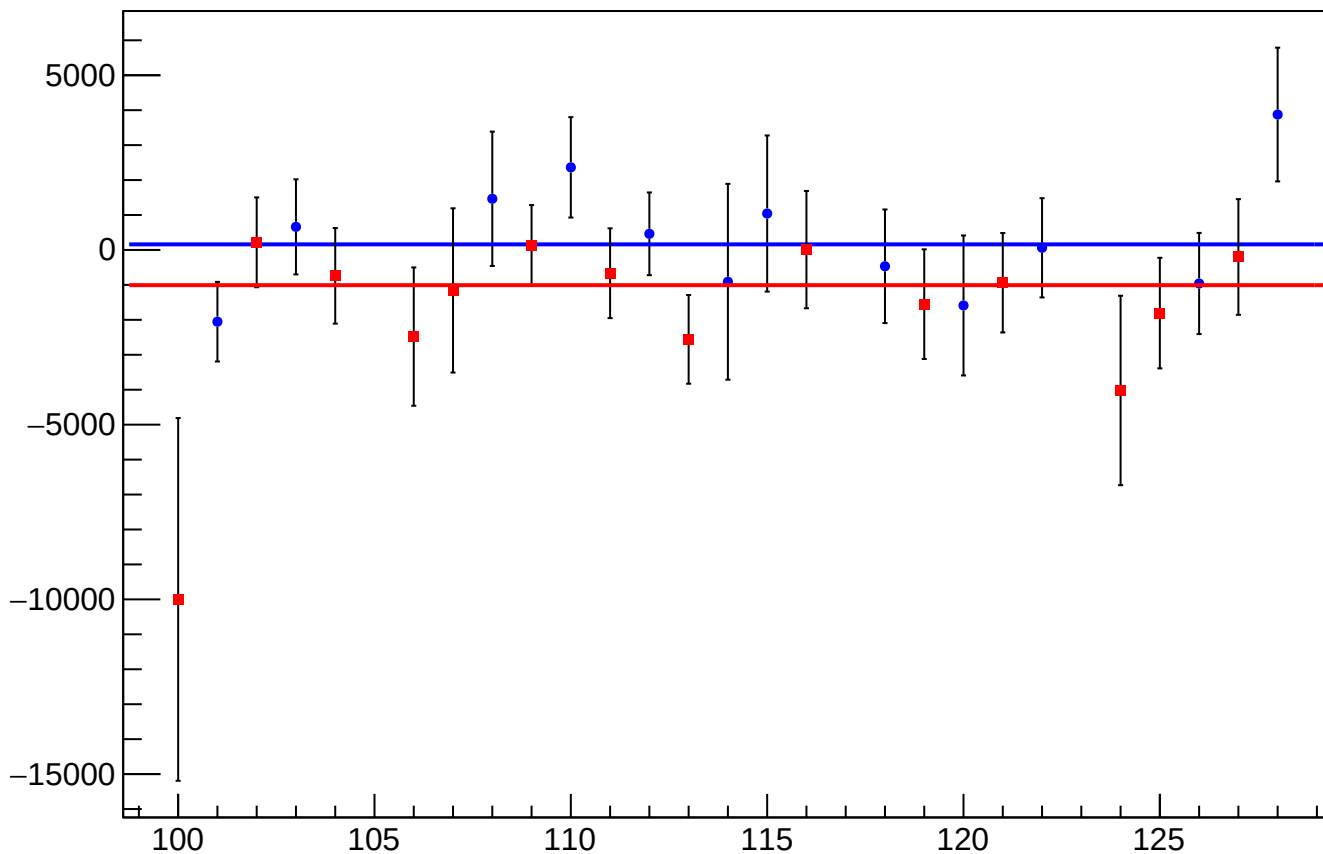
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.180+/-0.019 χ^2/NDF : 723087.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_eigen_dit_correction_mean vs Slug



Right In: 159.820 $\pm$ 448.066 χ^2 /NDF: 12.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1007.814 $\pm$ 416.920 χ^2 /NDF: 9.3/13

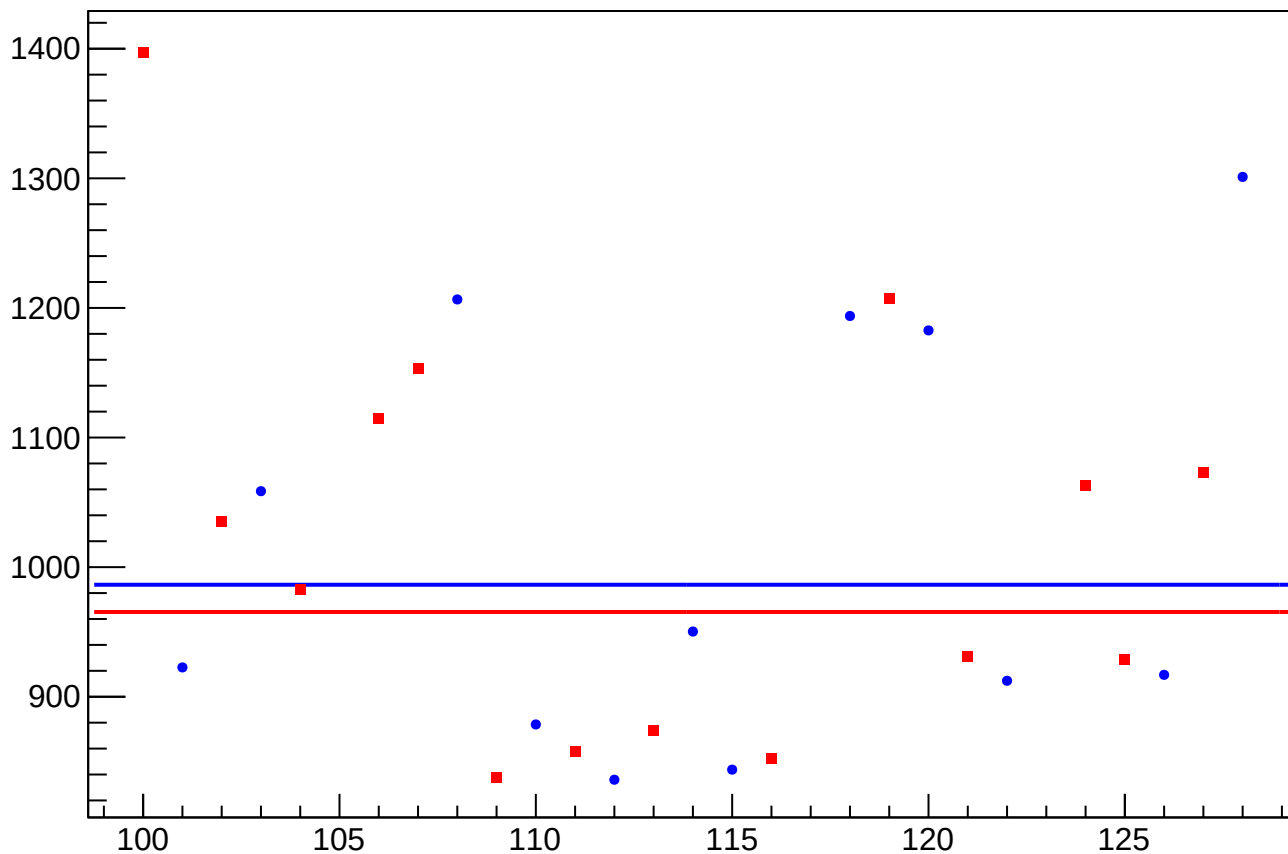
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -465.987 $\pm$ 305.224 χ^2 /NDF: 25.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_dit_correction_rms vs Slug



Right In: 986.425+/-0.317 χ^2/NDF : 206063.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 965.409+/-0.295 χ^2/NDF : 163172.9/13

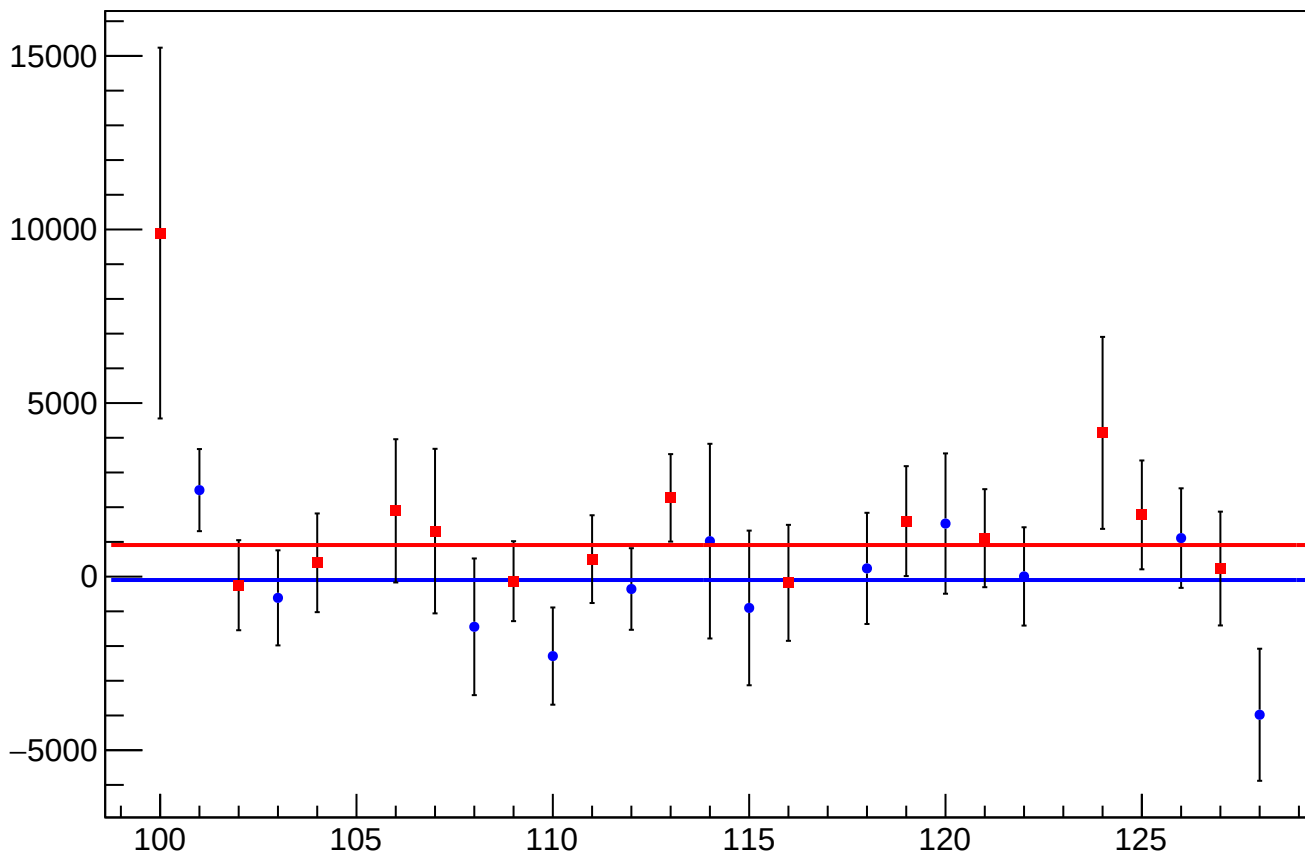
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 975.161+/-0.216 χ^2/NDF : 371595.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_mean vs Slug



Right In: -97.613+/-448.818 χ^2/NDF : 13.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 910.232+/-418.284 χ^2/NDF : 8.6/13

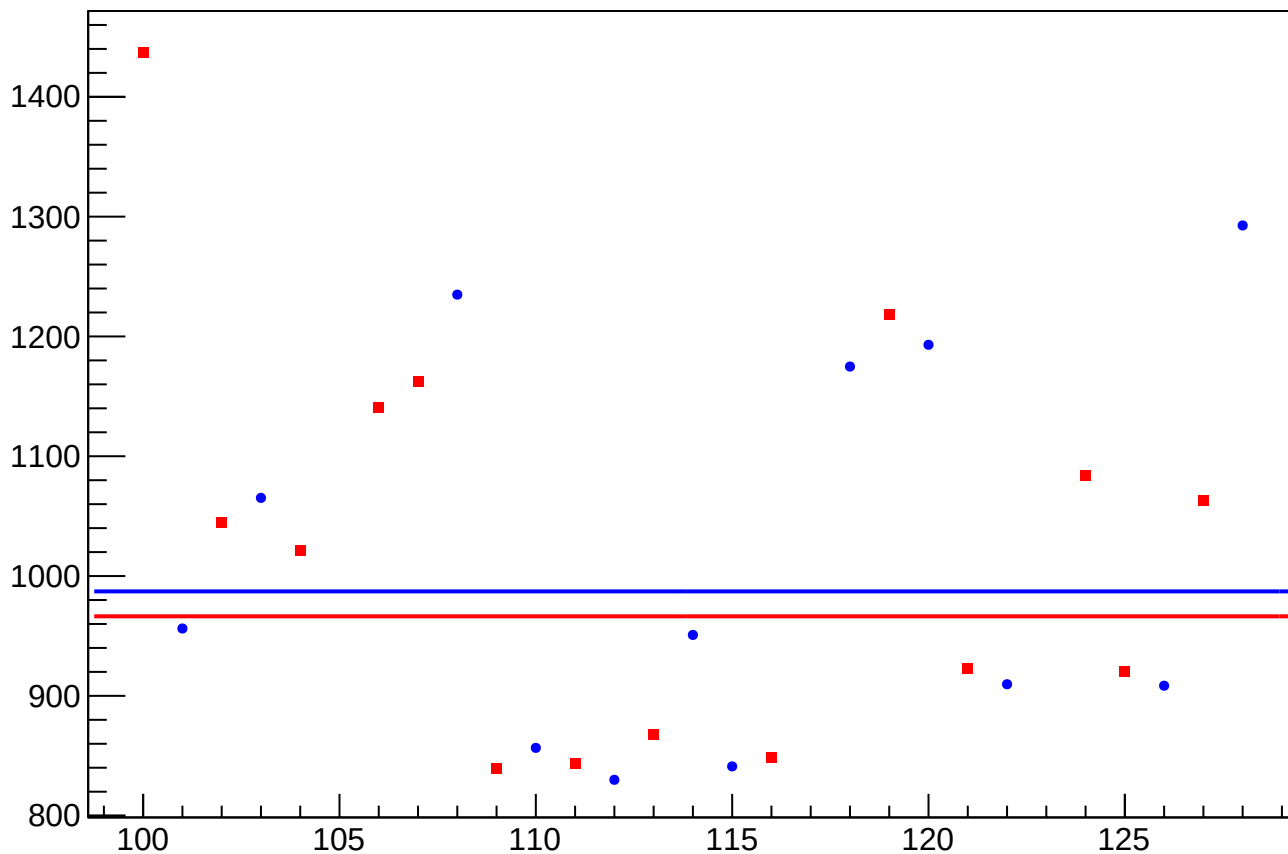
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 441.755+/-305.997 χ^2/NDF : 25.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_rms vs Slug



Right In: 987.191+/-0.317 χ^2/NDF : 213457.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 966.376+/-0.296 χ^2/NDF : 183938.5/13

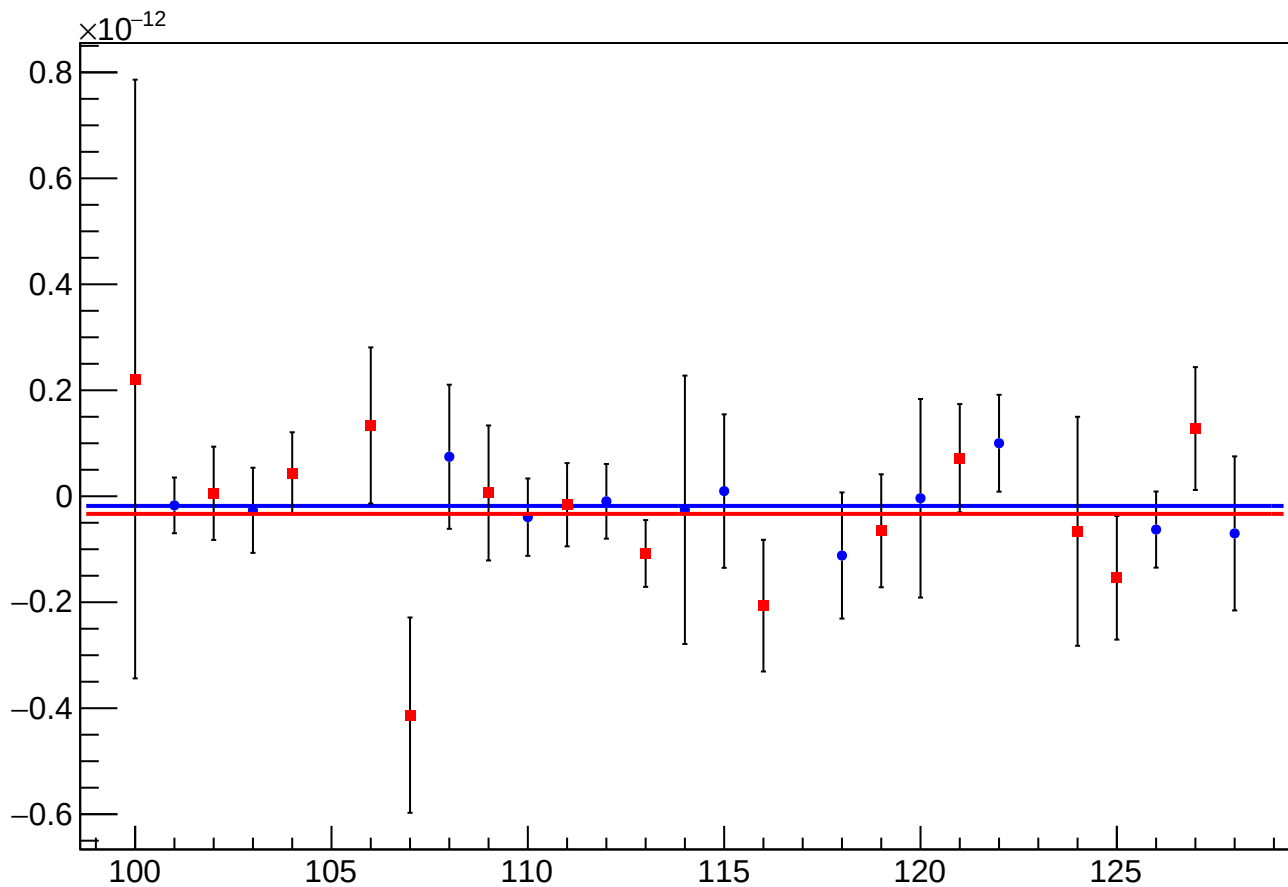
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 976.051+/-0.216 χ^2/NDF : 399698.3/25

- 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 : 3.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.6/13

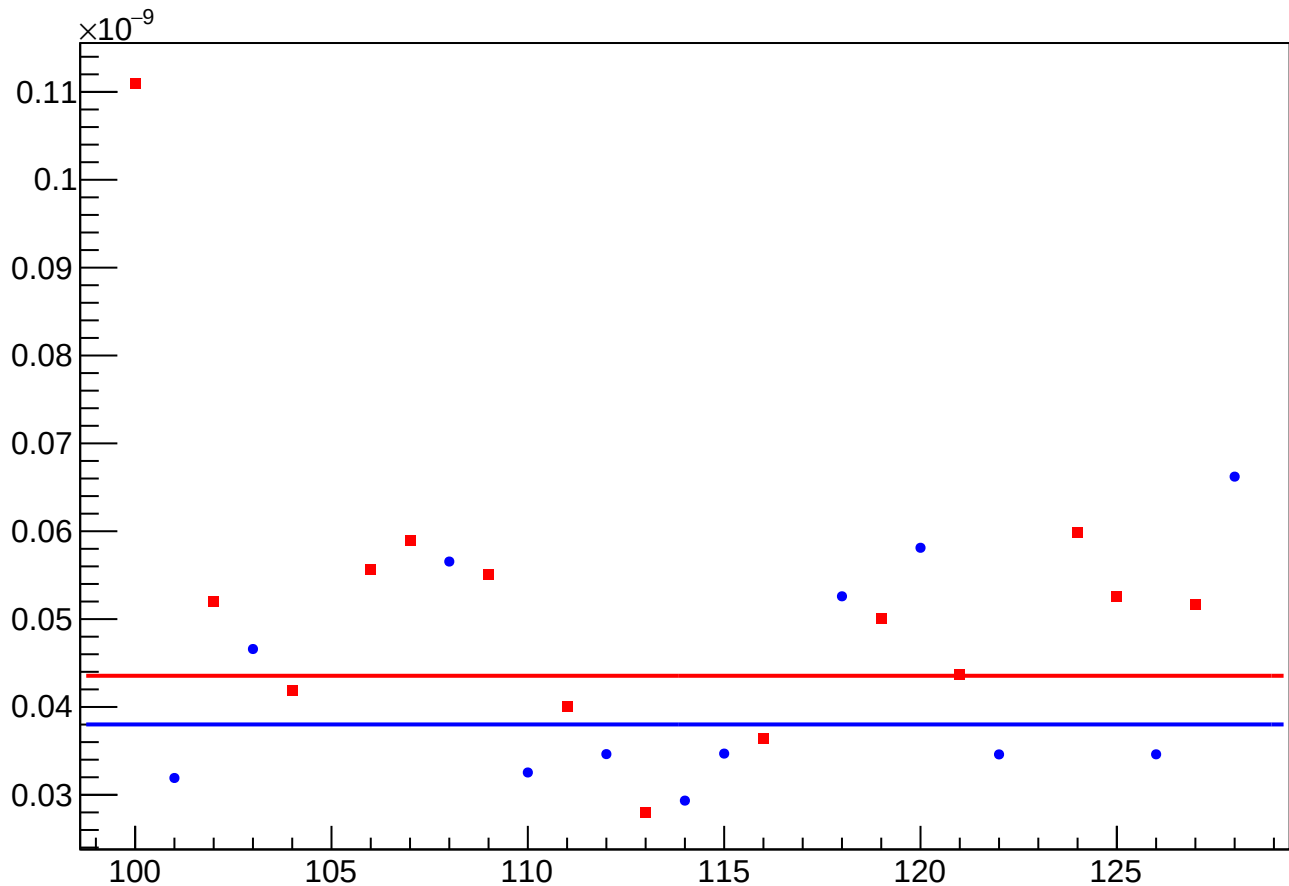
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.1/25

- 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 : 241654.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 264584.2/13

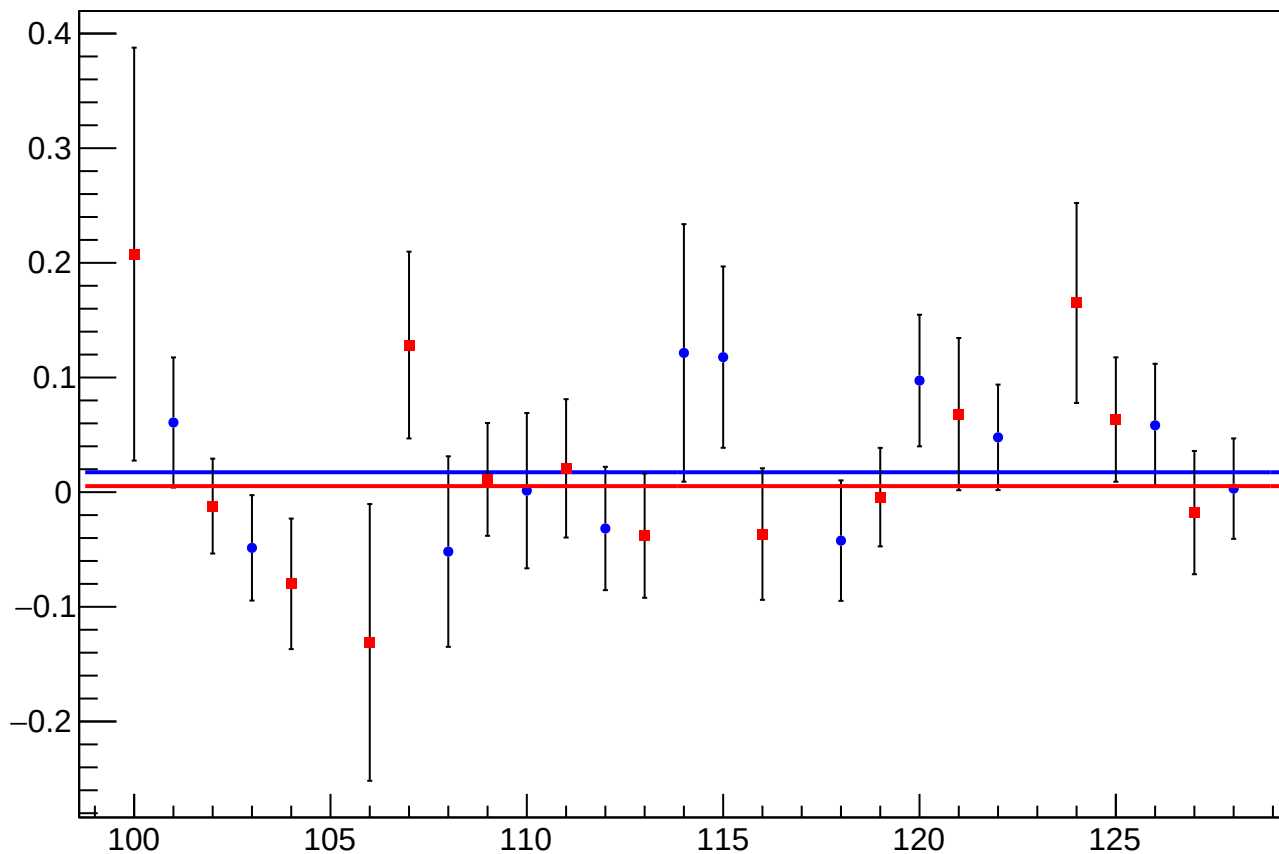
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 548165.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.017 $\pm$ 0.016 χ^2 /NDF: 11.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.005 $\pm$ 0.016 χ^2 /NDF: 14.1/13

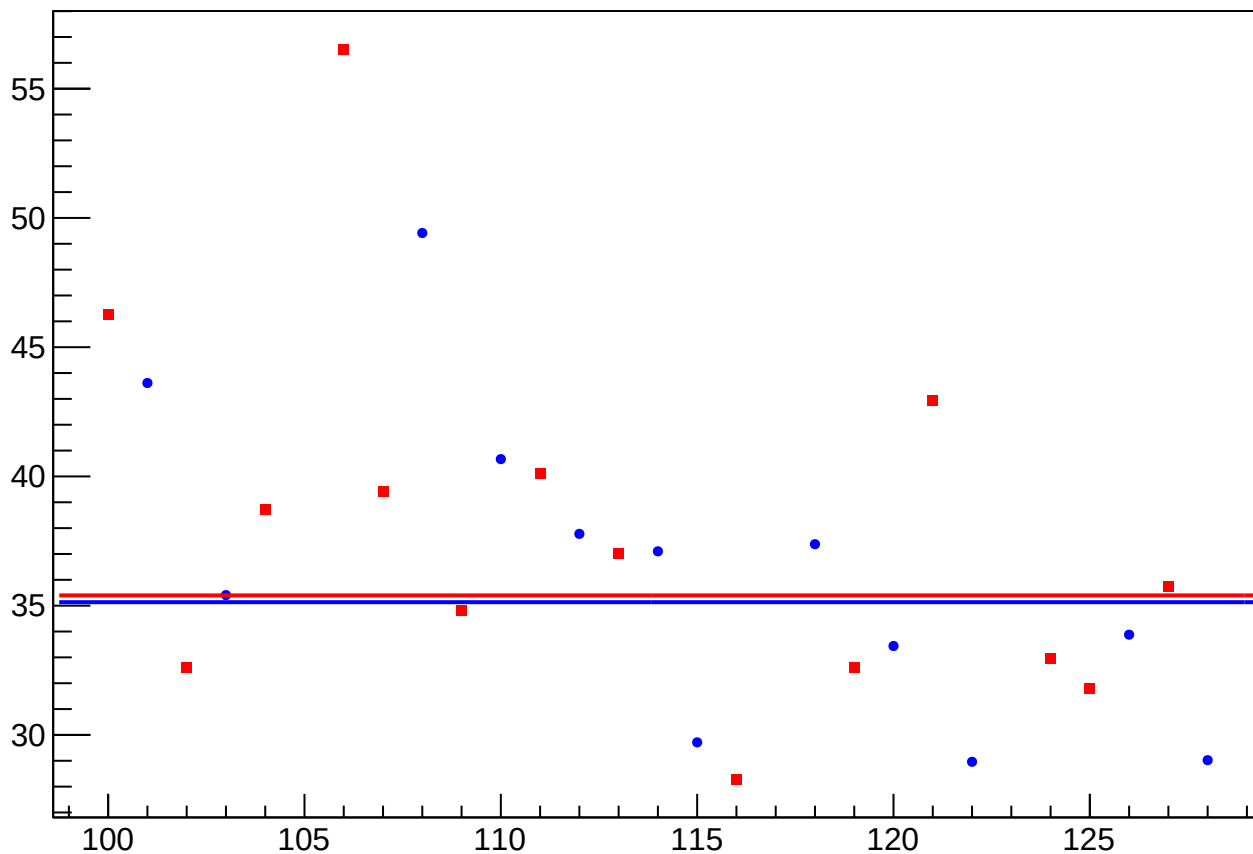
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.011 $\pm$ 0.011 χ^2 /NDF: 25.4/25

- 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: 35.135+/-0.012 χ^2/NDF : 213489.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.397+/-0.011 χ^2/NDF : 179217.3/13

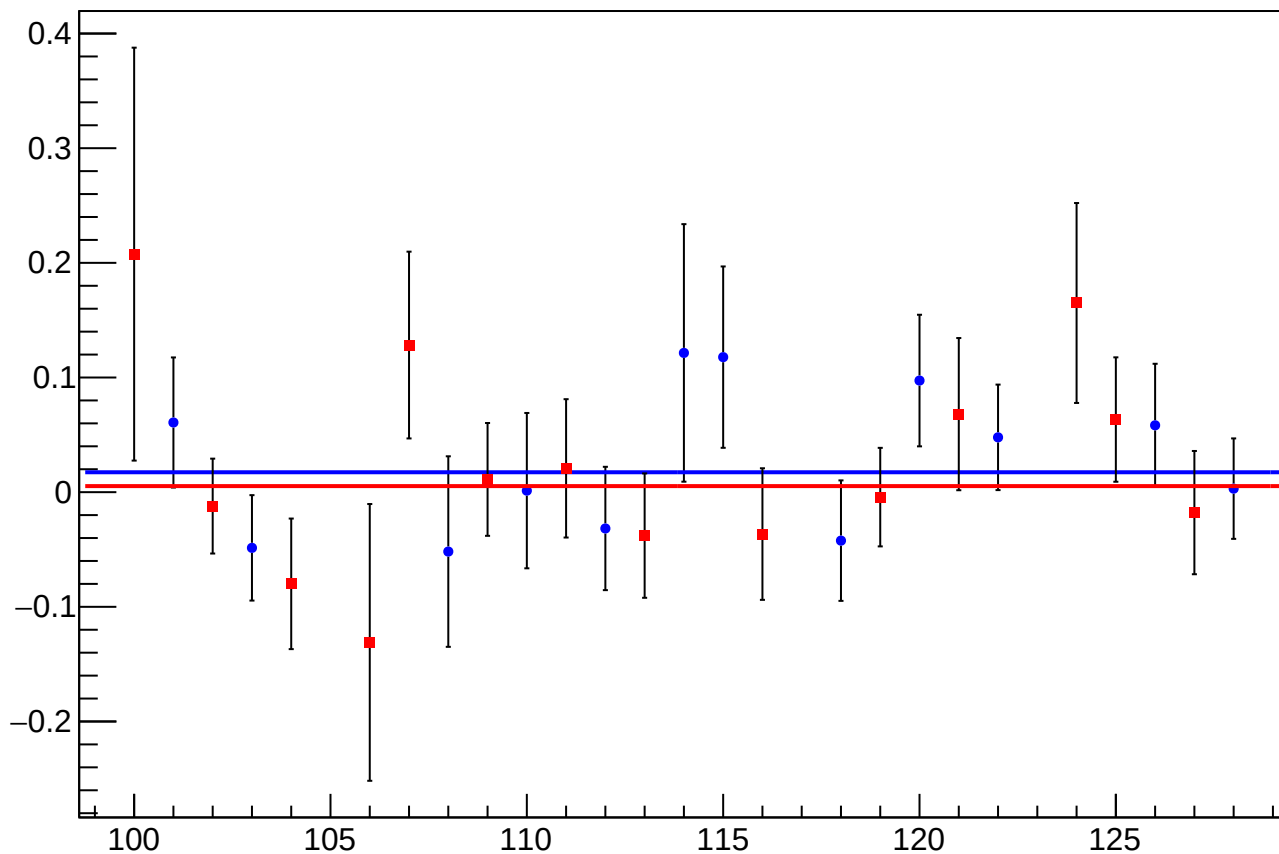
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.271+/-0.008 χ^2/NDF : 392974.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.017 $\pm$ 0.016 χ^2 /NDF: 11.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.005 $\pm$ 0.016 χ^2 /NDF: 14.1/13

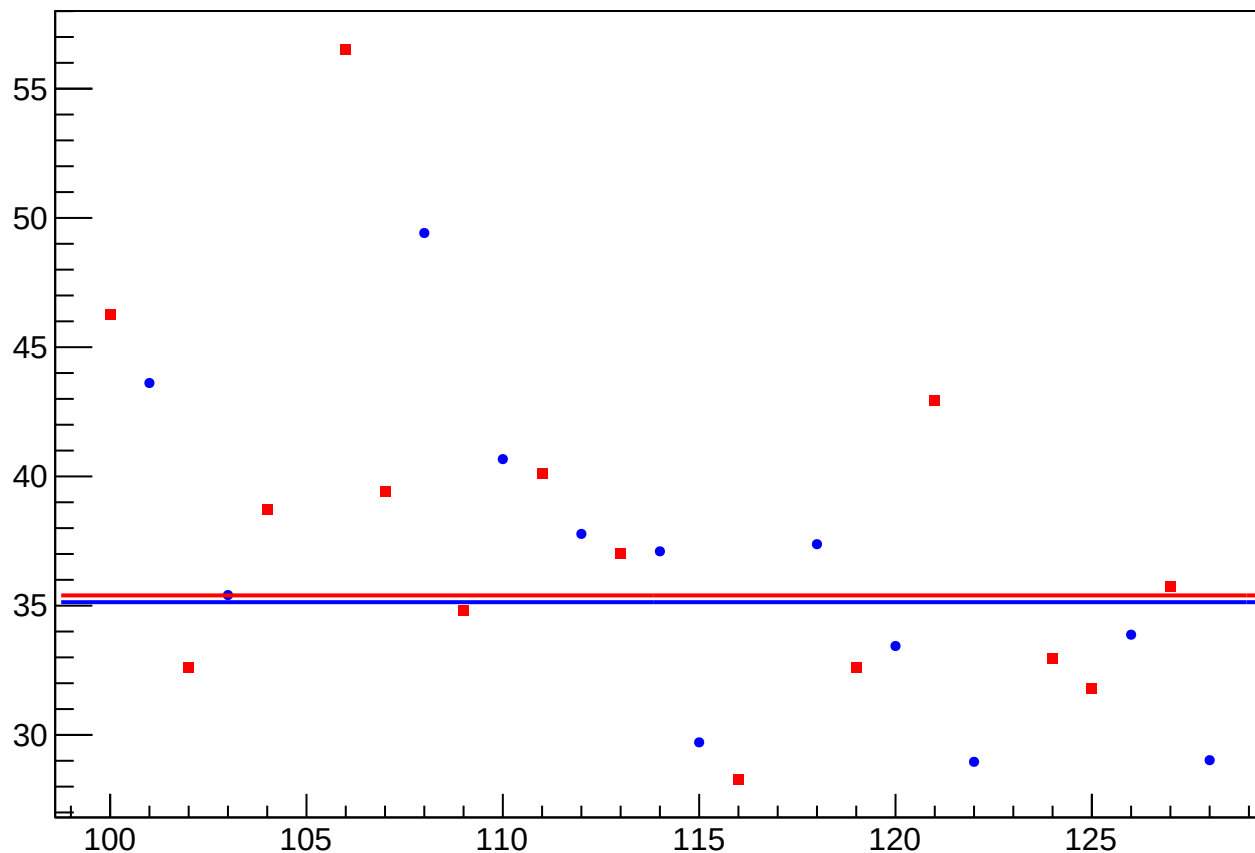
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.011 $\pm$ 0.011 χ^2 /NDF: 25.4/25

- 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: 35.135+/-0.012 χ^2/NDF : 213489.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.397+/-0.011 χ^2/NDF : 179217.3/13

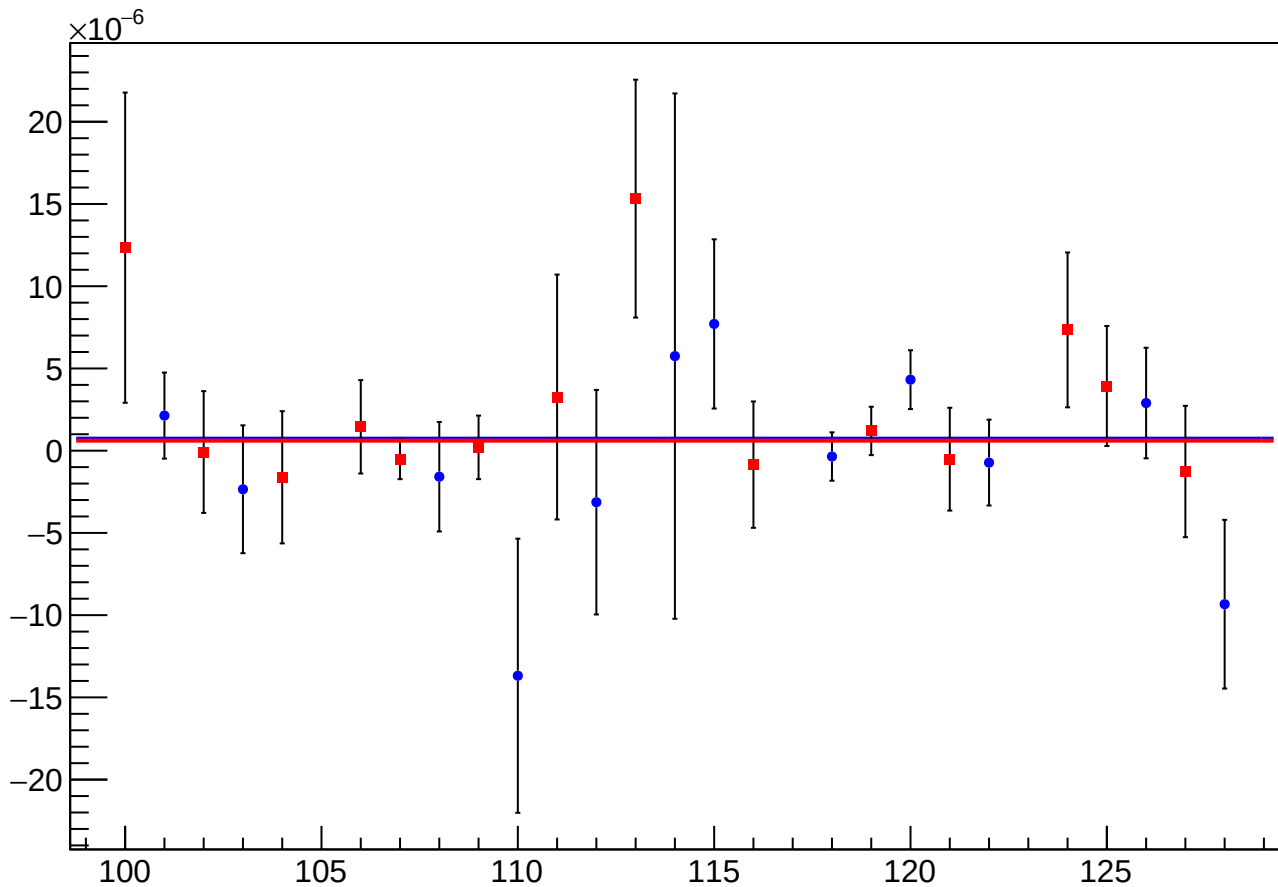
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.271+/-0.008 χ^2/NDF : 392974.7/25

- sign 0.000+/-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: 15.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.7/13

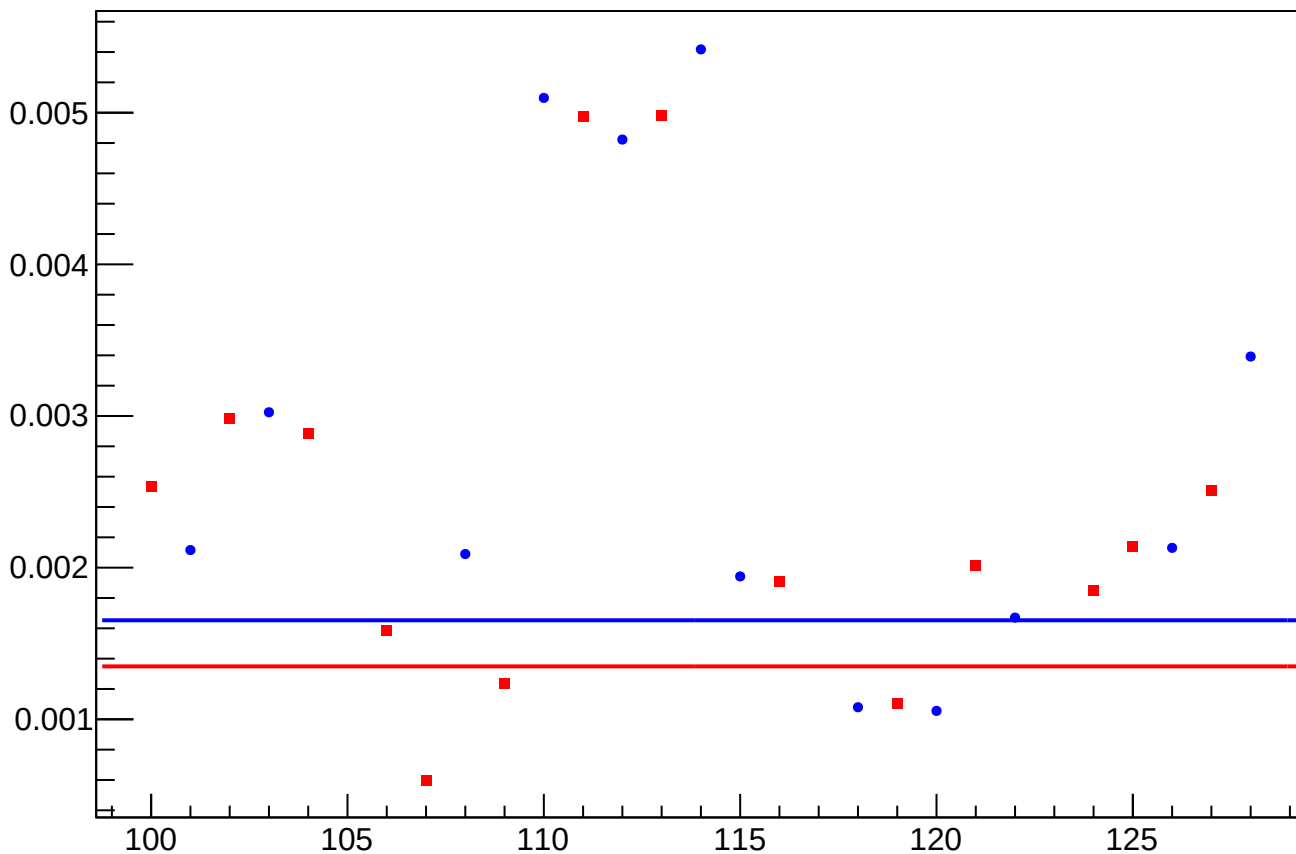
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 26.5/25

- 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 : 2034304.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2956366.2/13

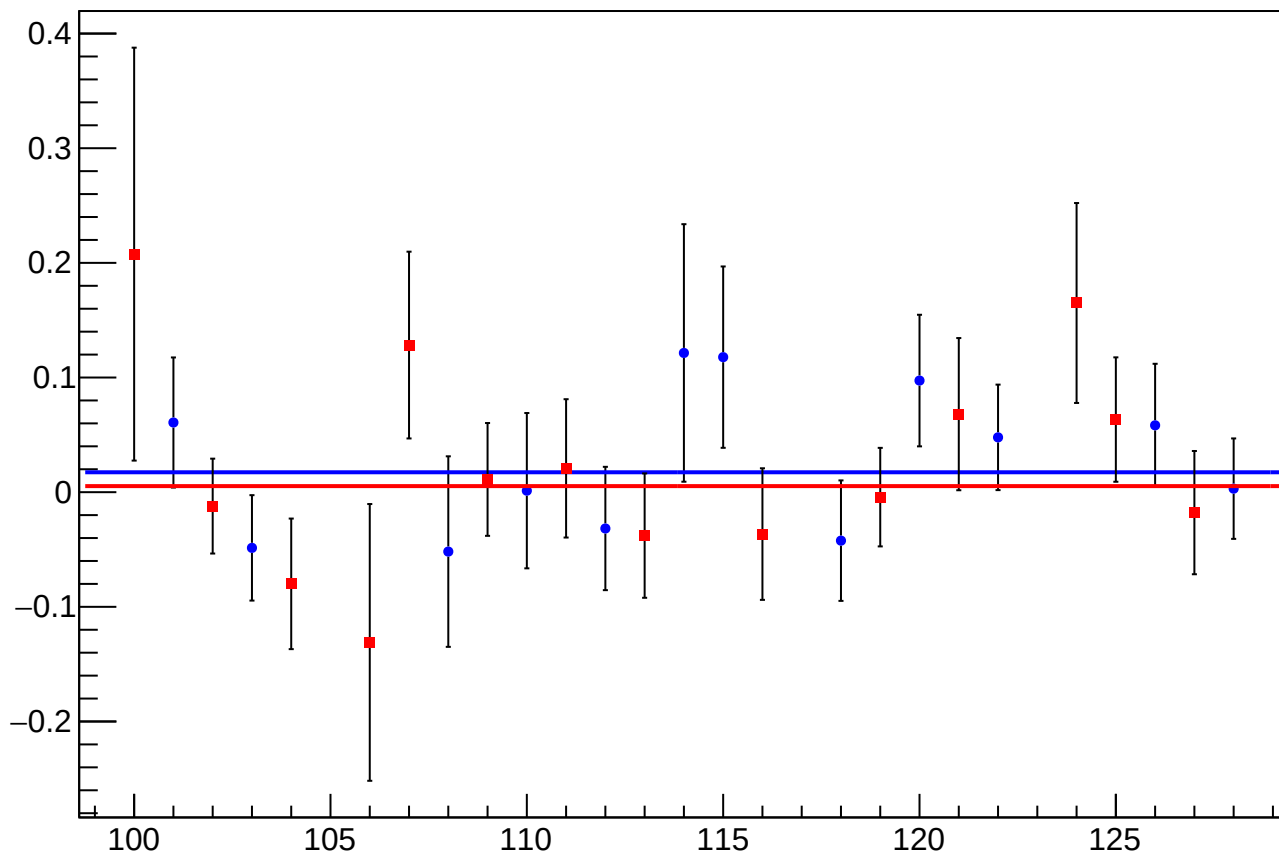
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5146937.9/25

- 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: 0.017 $\pm$ 0.016 χ^2 /NDF: 11.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.005 $\pm$ 0.016 χ^2 /NDF: 14.1/13

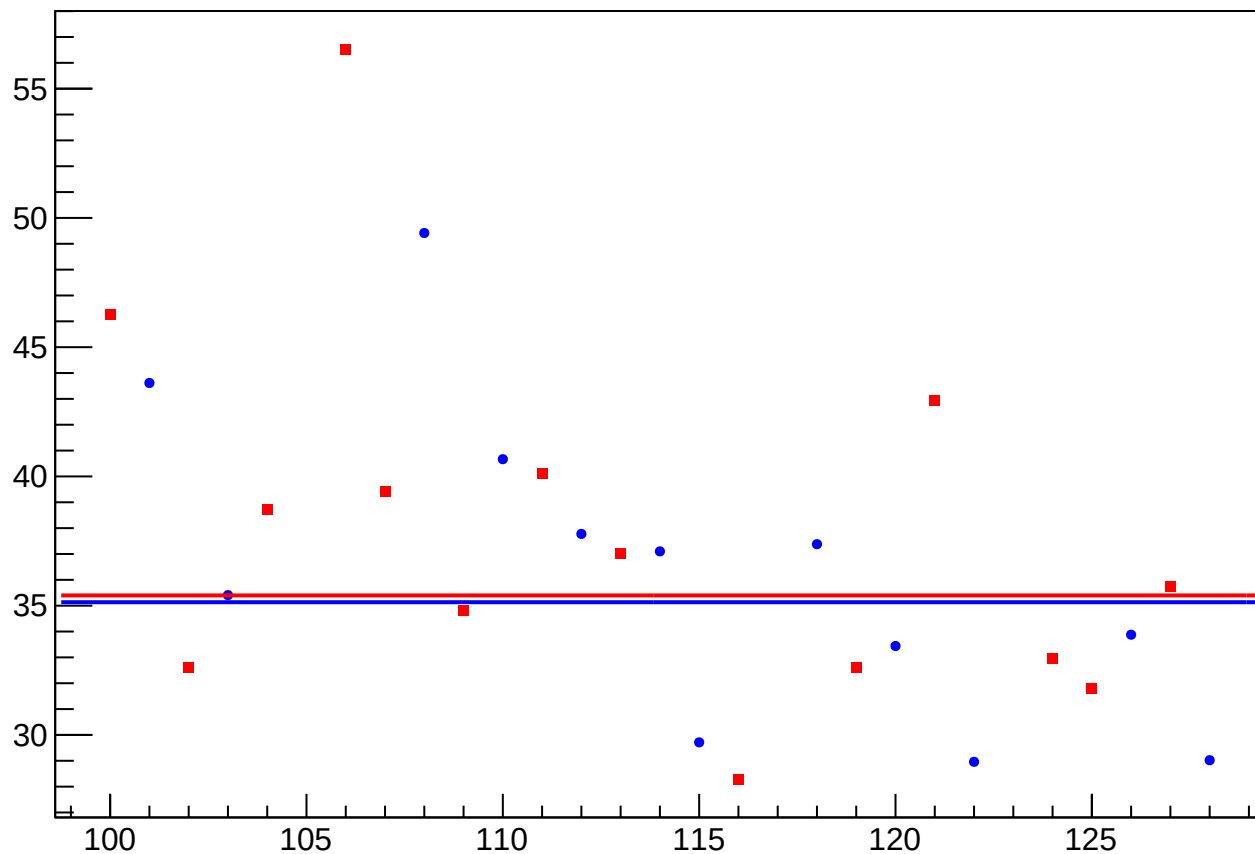
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.011 $\pm$ 0.011 χ^2 /NDF: 25.4/25

- 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: 35.134+/-0.012 χ^2/NDF : 213492.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.397+/-0.011 χ^2/NDF : 179206.0/13

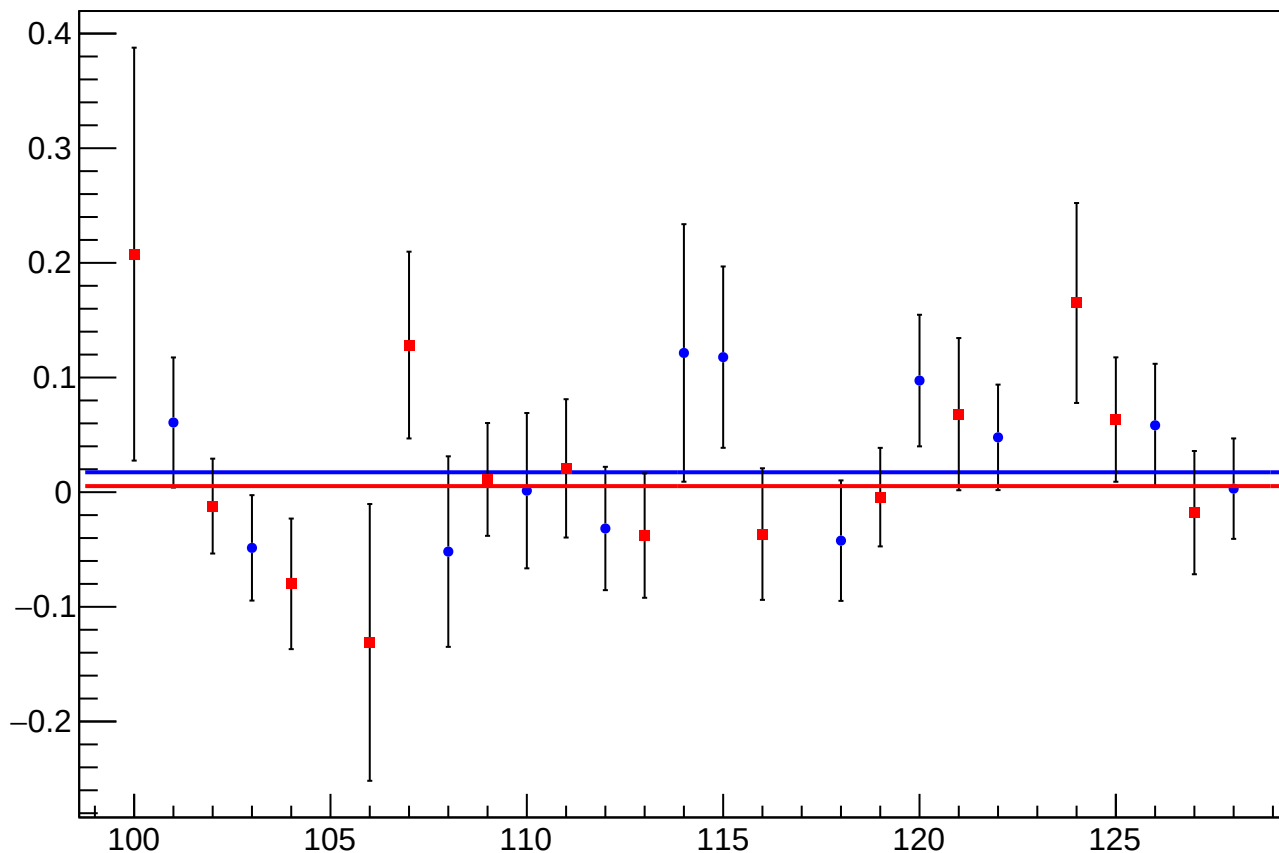
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.271+/-0.008 χ^2/NDF : 392967.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.017 $\pm$ 0.016 χ^2 /NDF: 11.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.005 $\pm$ 0.016 χ^2 /NDF: 14.1/13

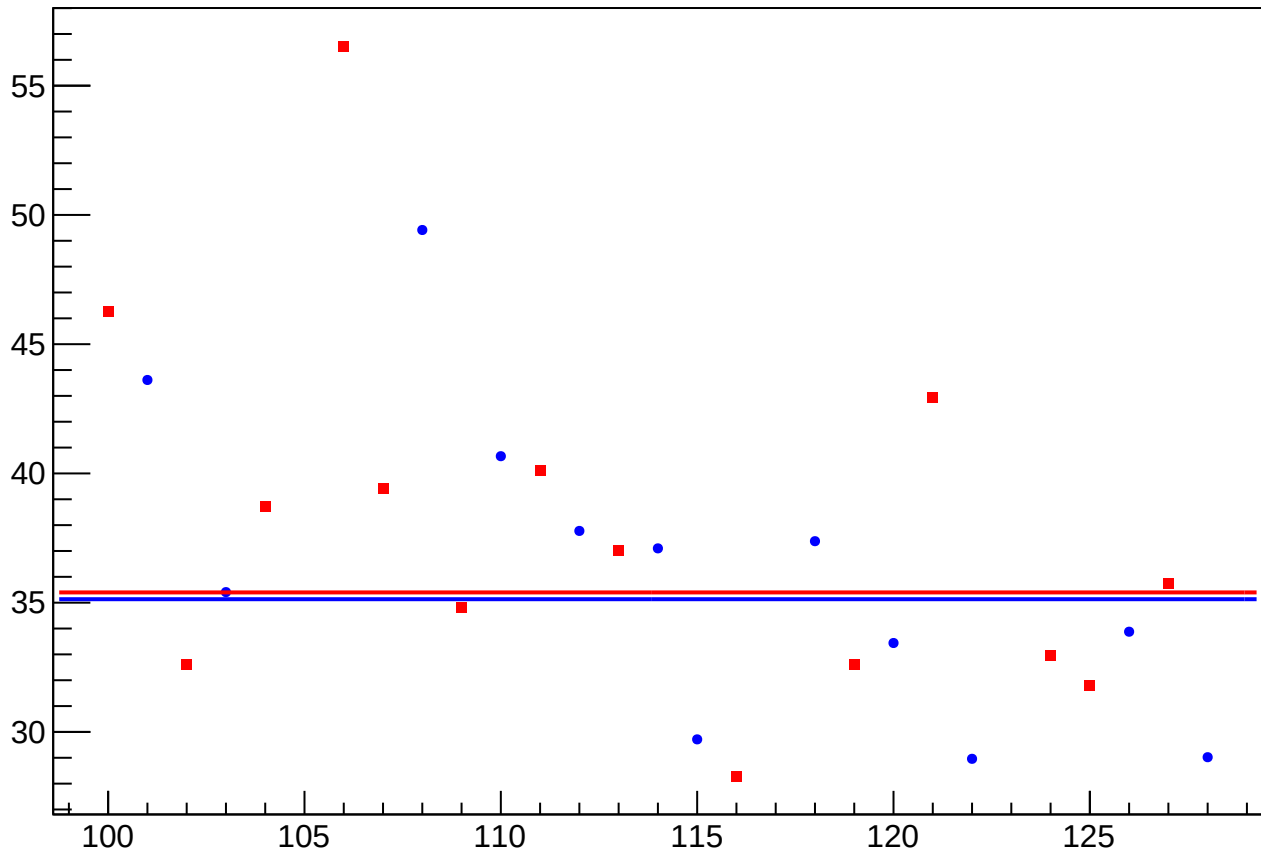
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.011 $\pm$ 0.011 χ^2 /NDF: 25.4/25

- 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: 35.134+/-0.012 χ^2/NDF : 213492.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.397+/-0.011 χ^2/NDF : 179206.0/13

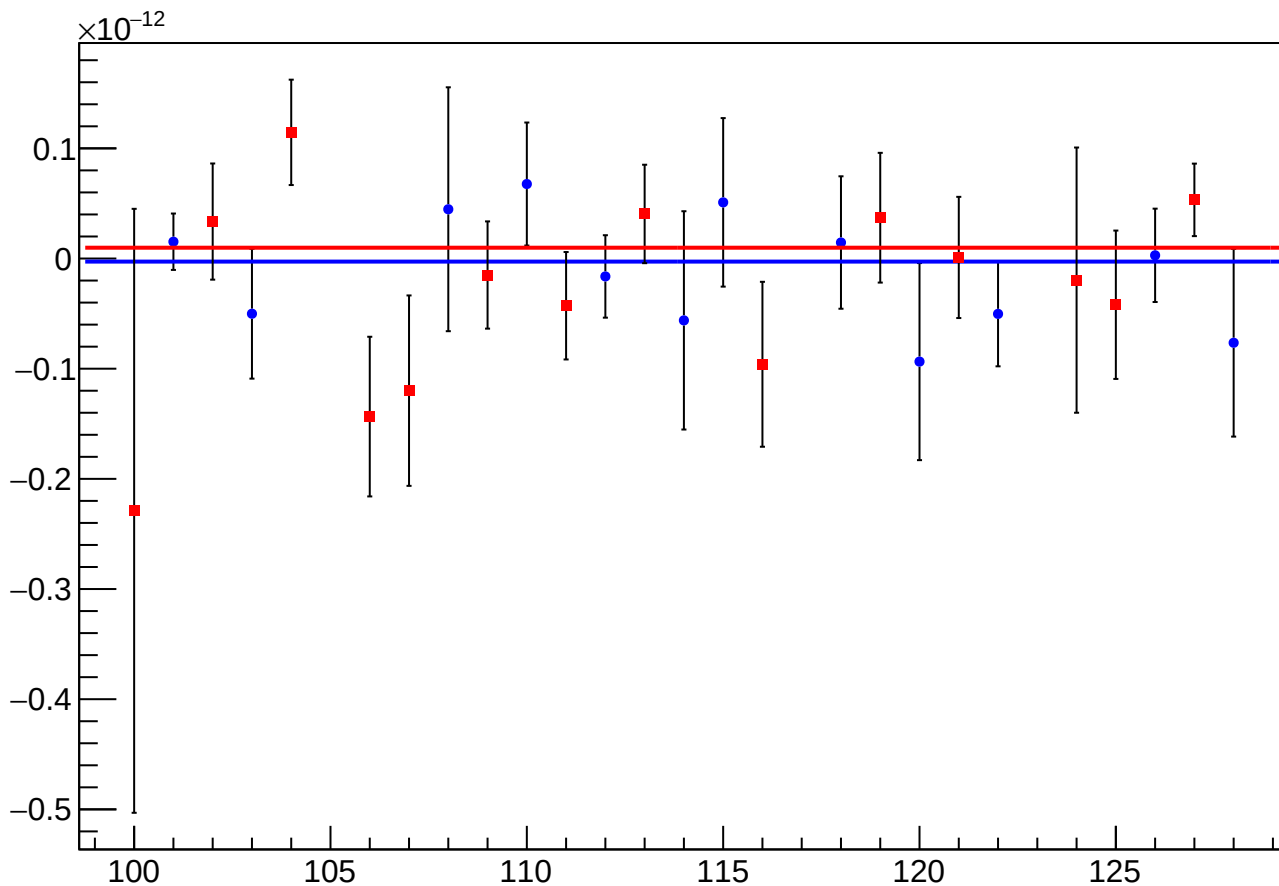
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.271+/-0.008 χ^2/NDF : 392967.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 6.7/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 19.0/13

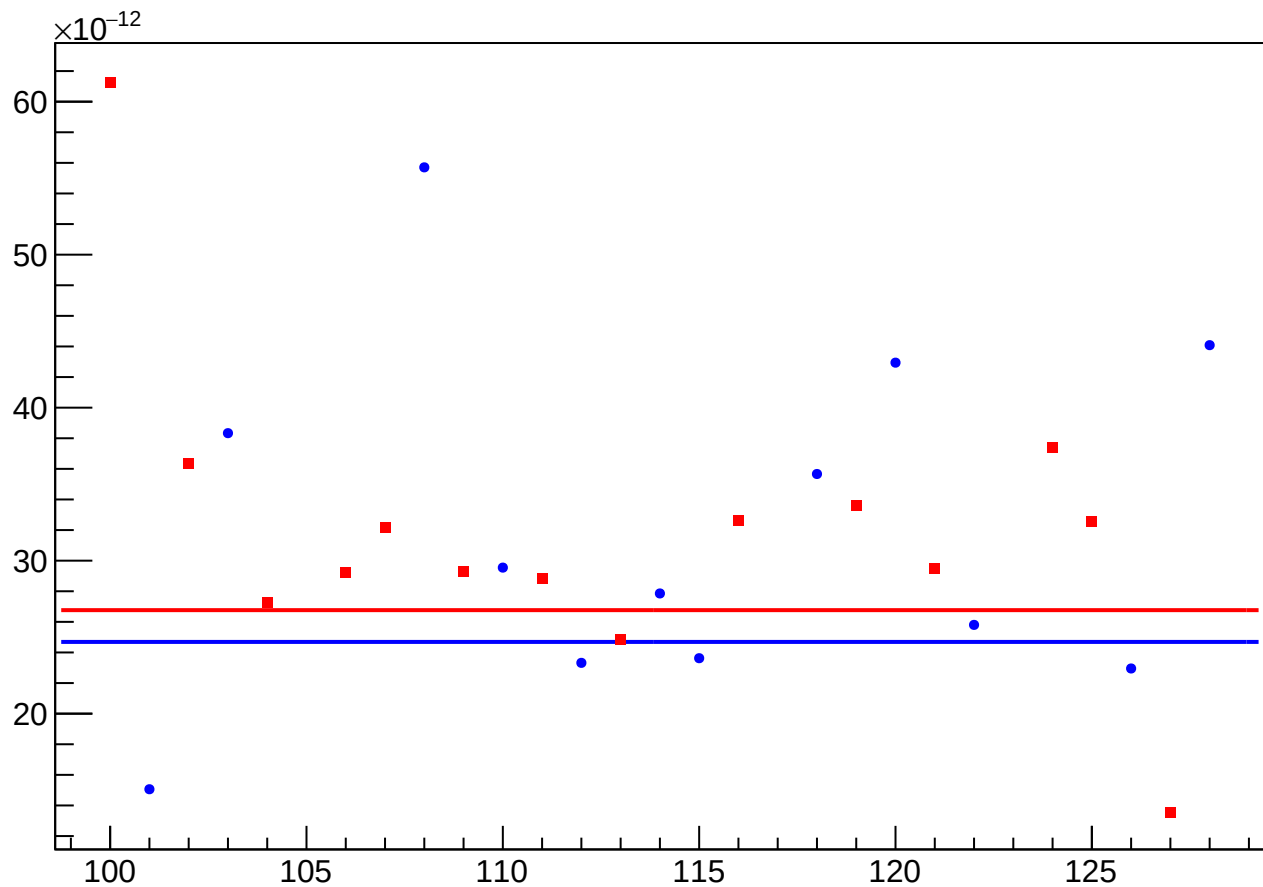
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

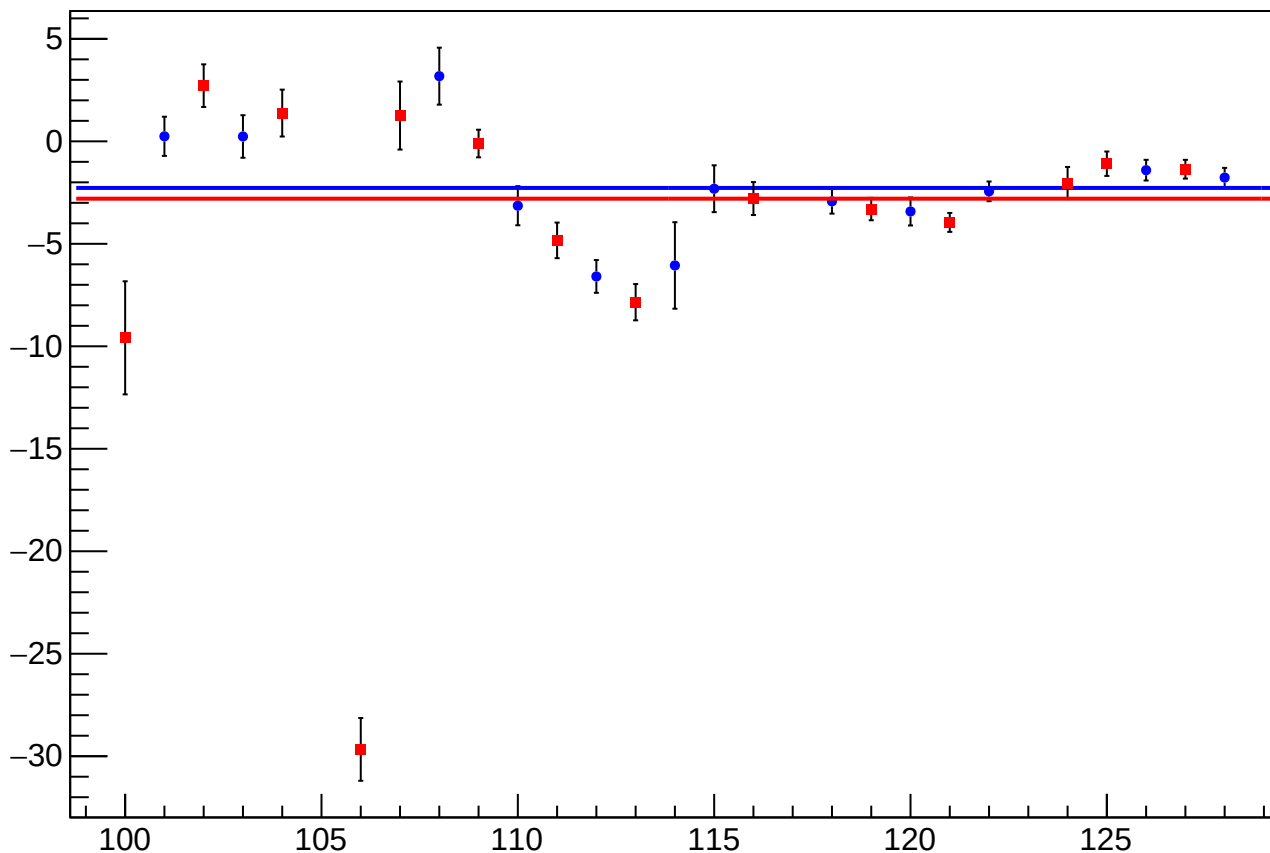
All: 0.000+/-0.000 χ^2 /NDF: 26.1/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_rms vs Slug



reg_asym_sam1_diff_bpm1X_slope vs Slug



Right In: -2.273 $\pm$ 0.205 χ^2 /NDF: 69.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.797 $\pm$ 0.195 χ^2 /NDF: 441.1/13

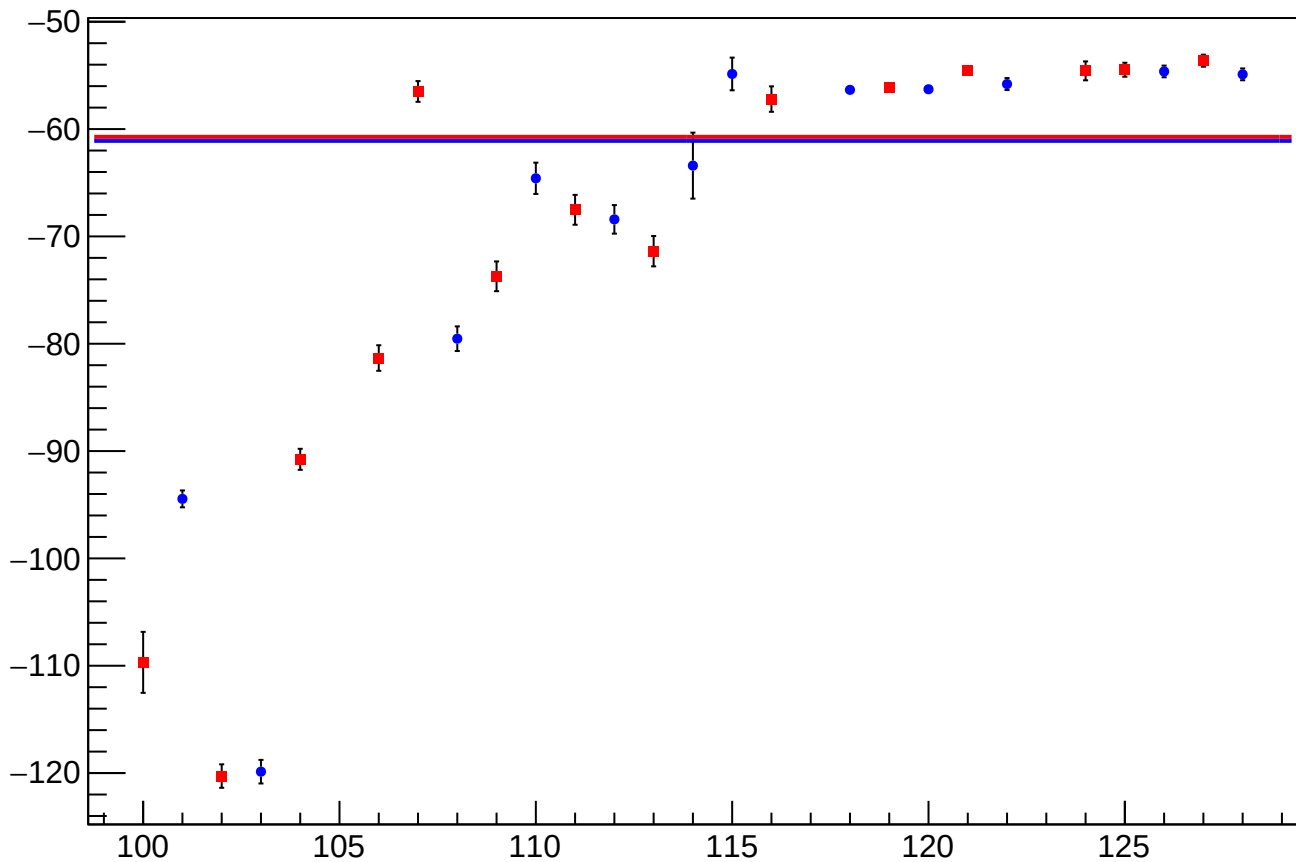
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.548 $\pm$ 0.141 χ^2 /NDF: 514.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -61.094 ± 0.191 χ^2/NDF : 5630.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -60.726 ± 0.198 χ^2/NDF : 5345.2/13

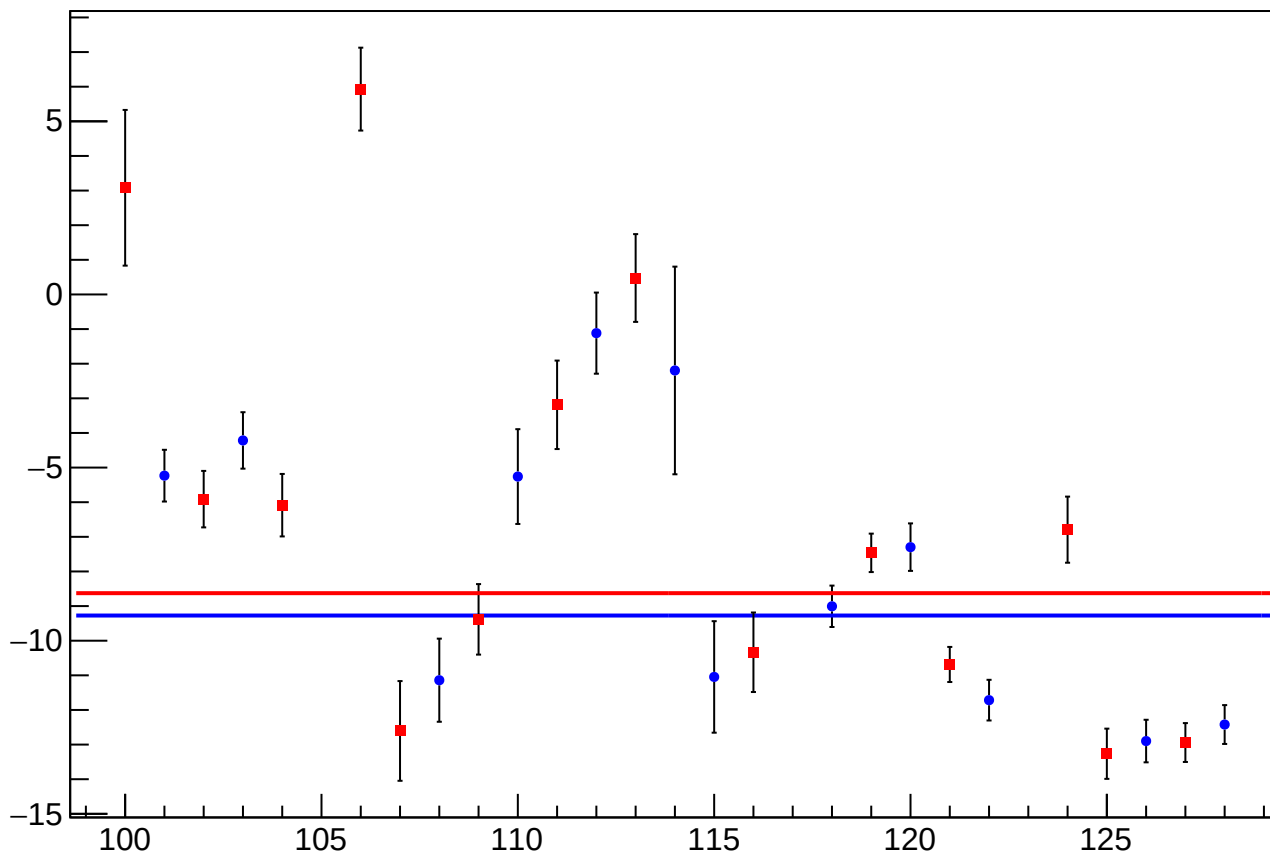
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -60.917 ± 0.138 χ^2/NDF : 10977.6/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: -9.273 ± 0.227 χ^2/NDF : 226.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.627 ± 0.222 χ^2/NDF : 398.7/13

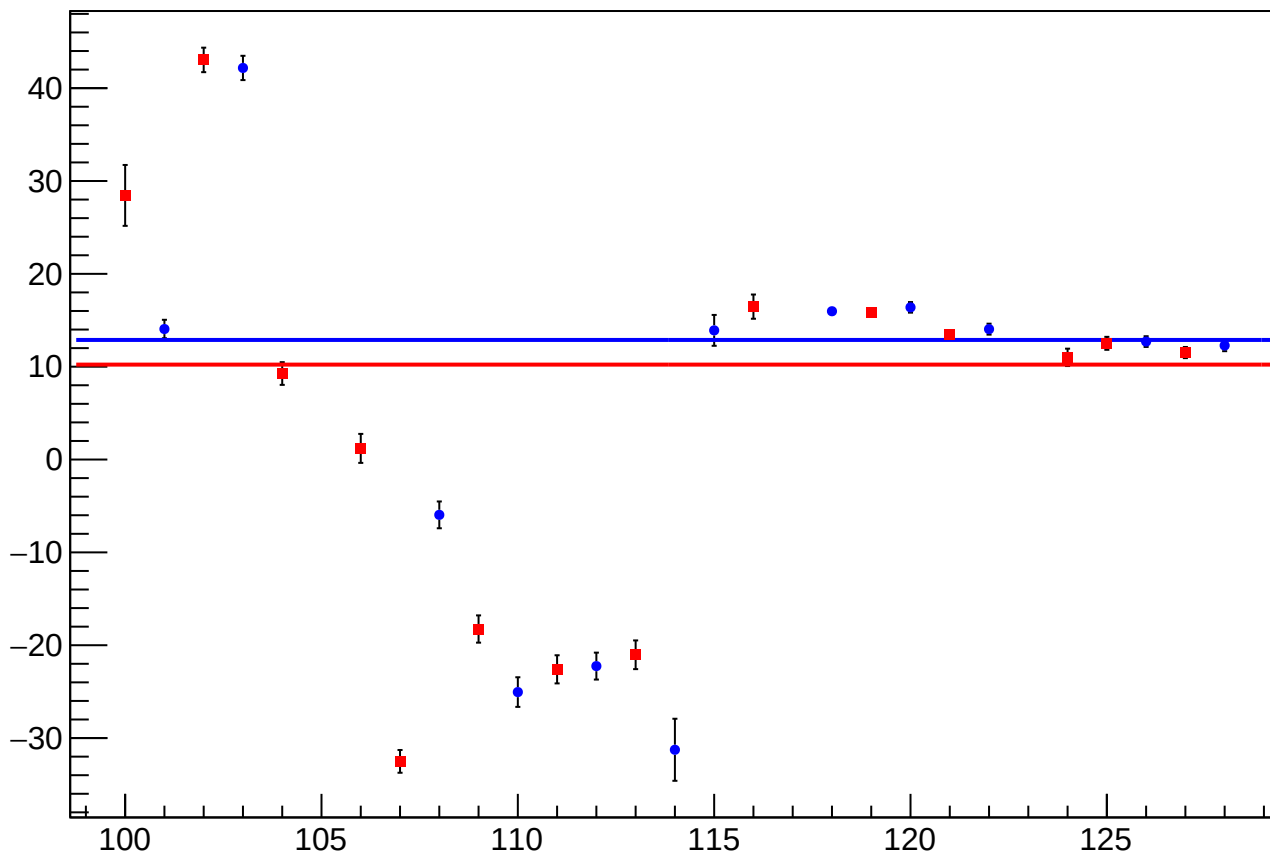
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.942 ± 0.159 χ^2/NDF : 628.9/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 12.881+/-0.226 χ^2 /NDF: 2085.8/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 10.224+/-0.229 χ^2 /NDF: 3386.1/13

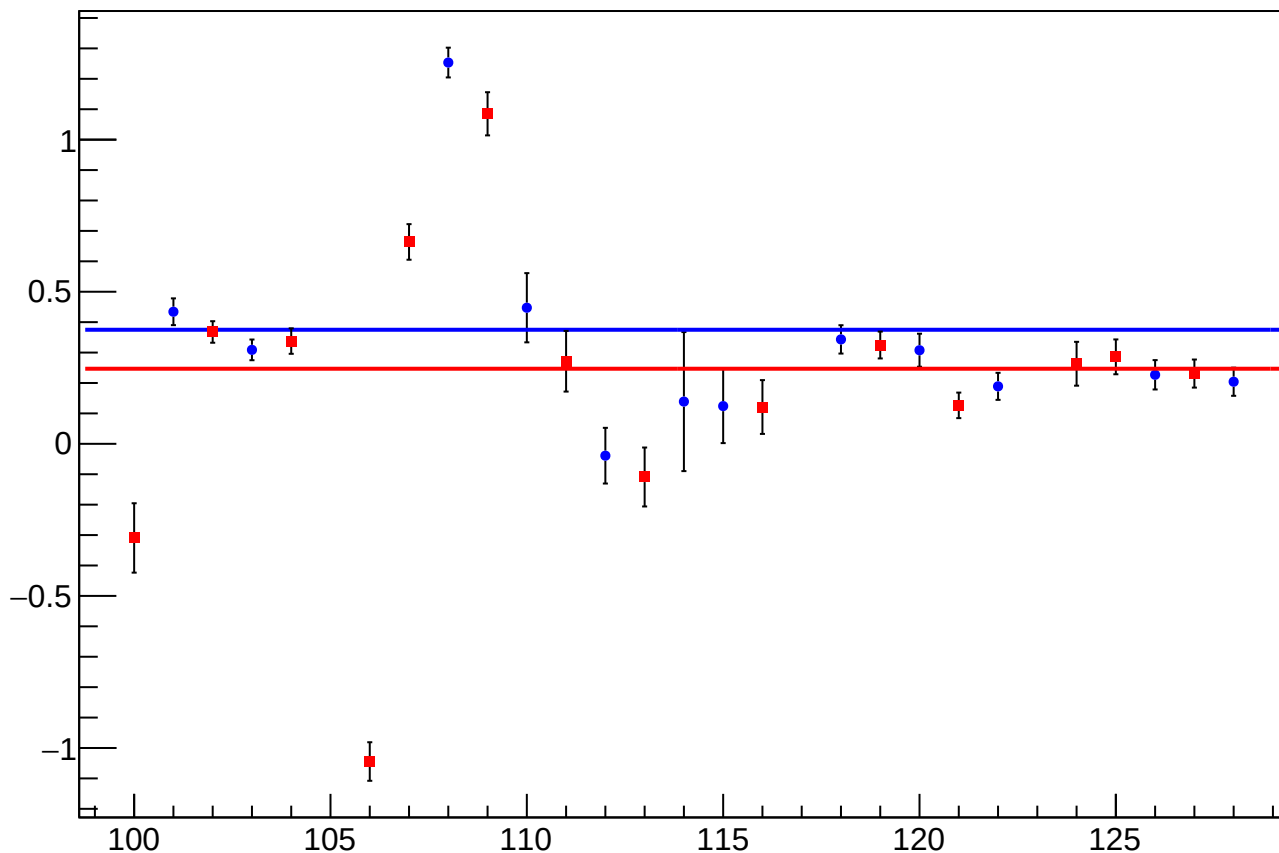
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 11.569+/-0.161 χ^2 /NDF: 5540.0/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.375+/-0.015 χ^2/NDF : 396.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.247+/-0.015 χ^2/NDF : 672.9/13

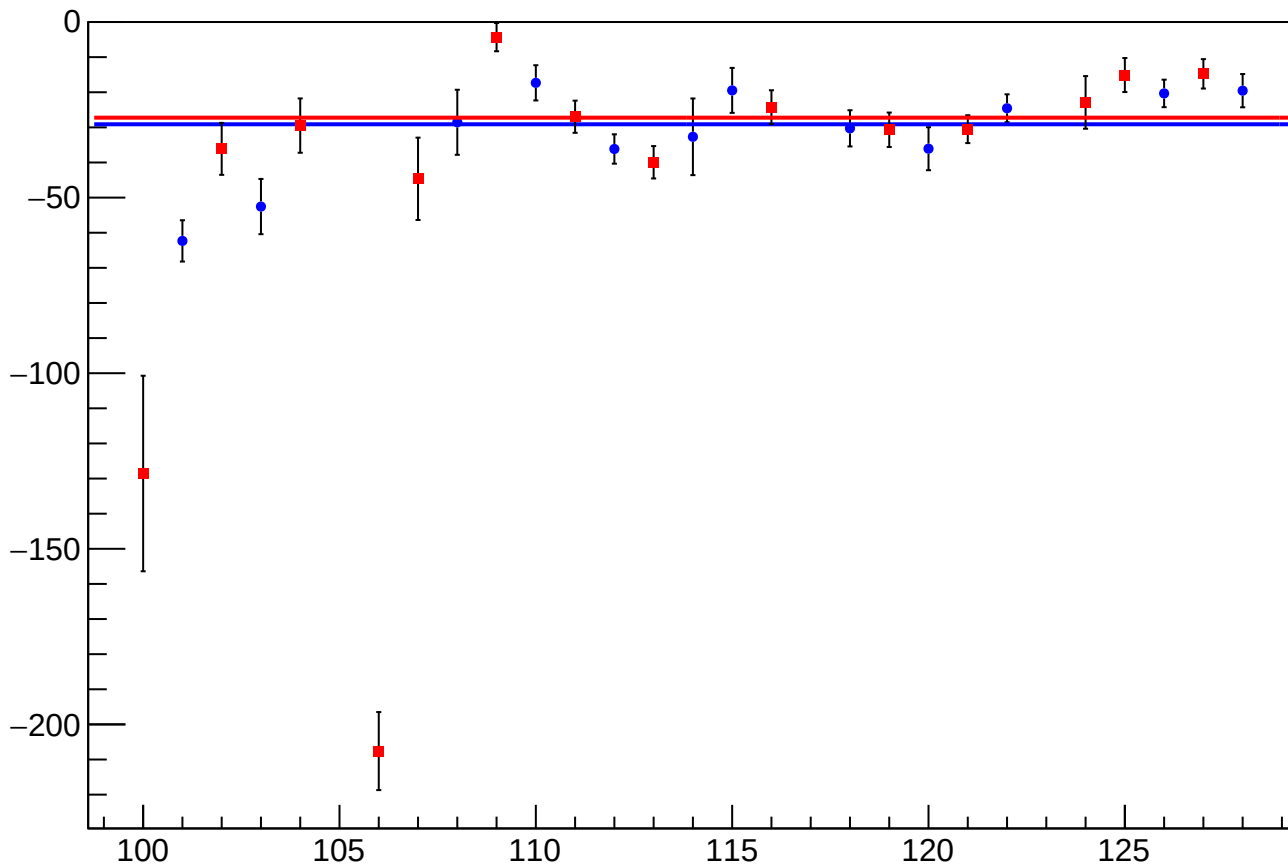
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.309+/-0.011 χ^2/NDF : 1105.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: -29.119 ± 1.535 $\chi^2/\text{NDF}: 63.3/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -27.236 ± 1.452 $\chi^2/\text{NDF}: 337.6/13$

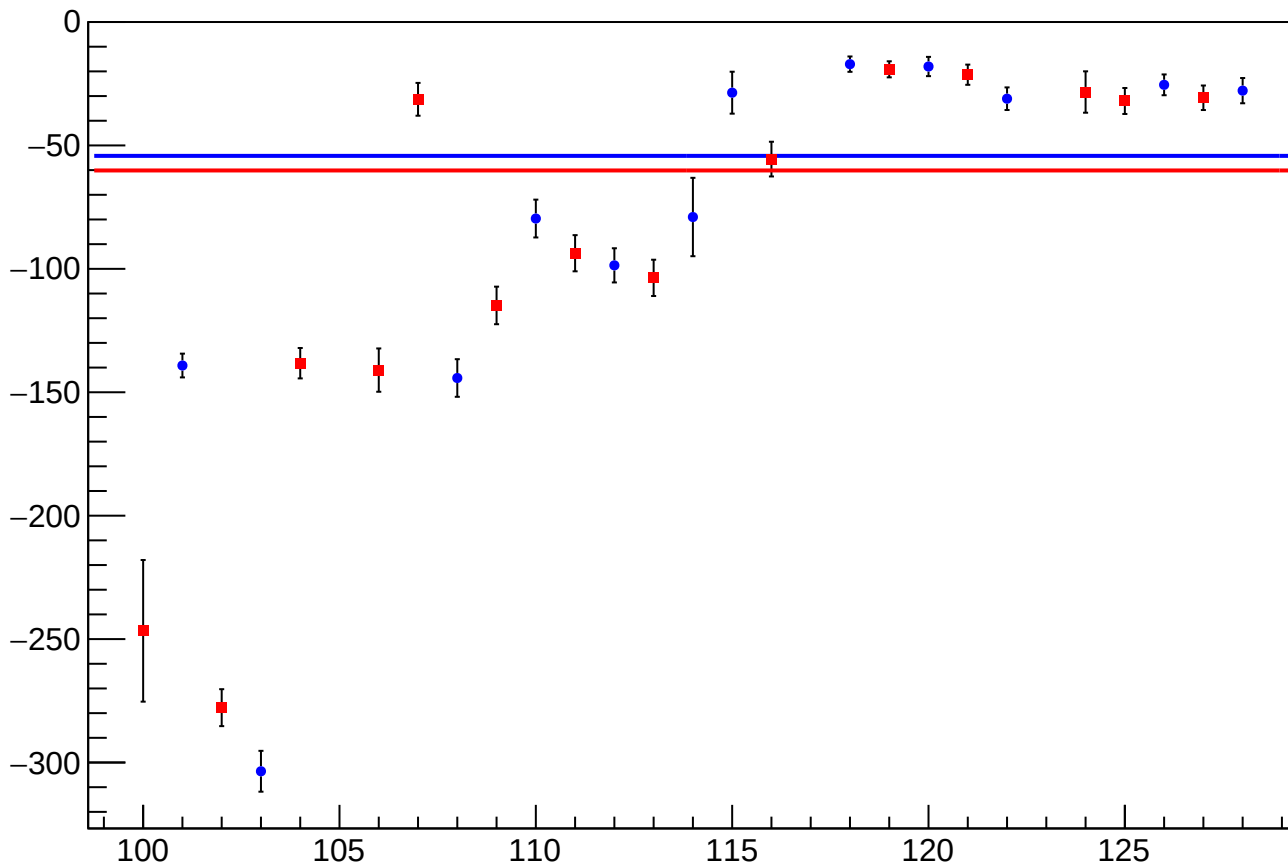
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -28.125 ± 1.055 $\chi^2/\text{NDF}: 401.8/25$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -54.228+/-1.504 χ^2/NDF : 1749.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -60.140+/-1.580 χ^2/NDF : 1586.9/13

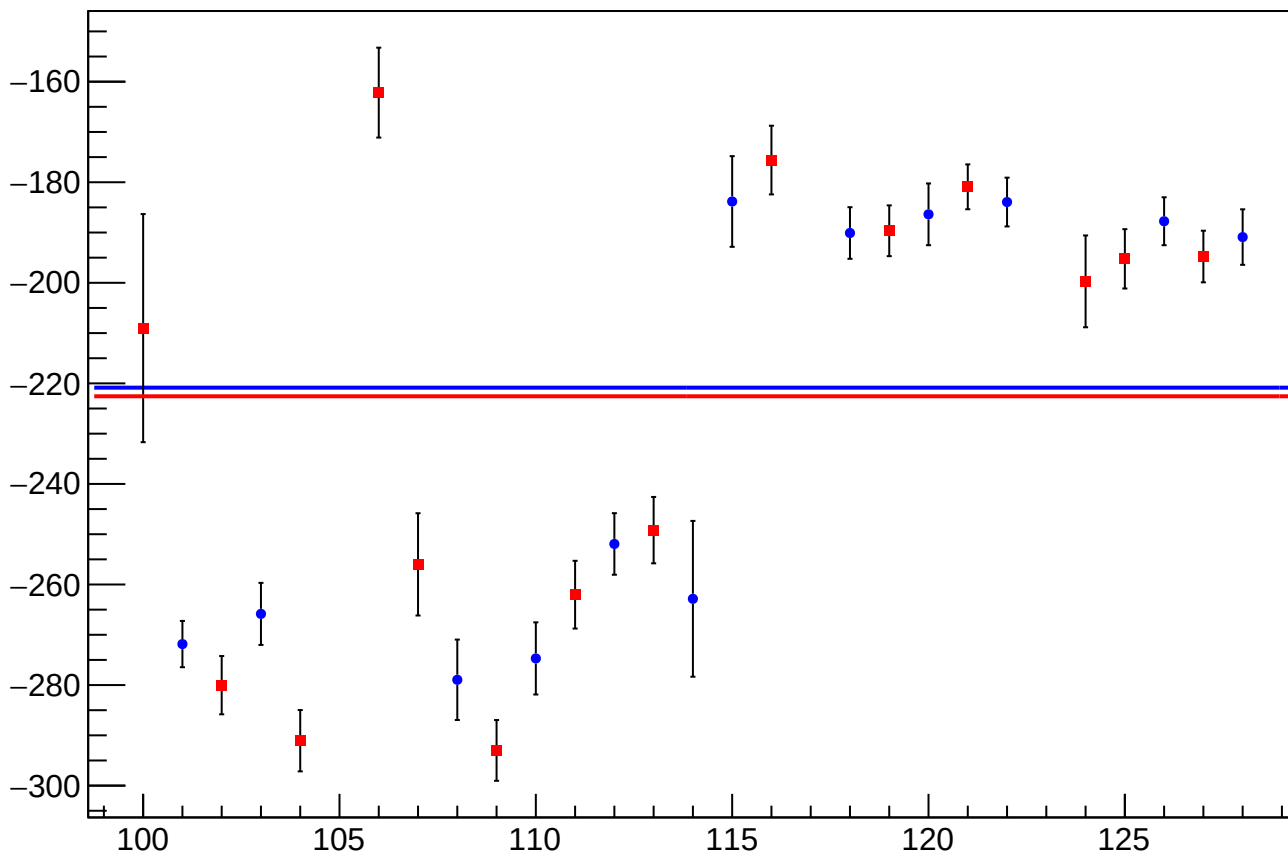
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.039+/-1.089 χ^2/NDF : 3344.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -220.851 ± 1.726 χ^2/NDF : 538.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -222.568 ± 1.708 χ^2/NDF : 701.7/13

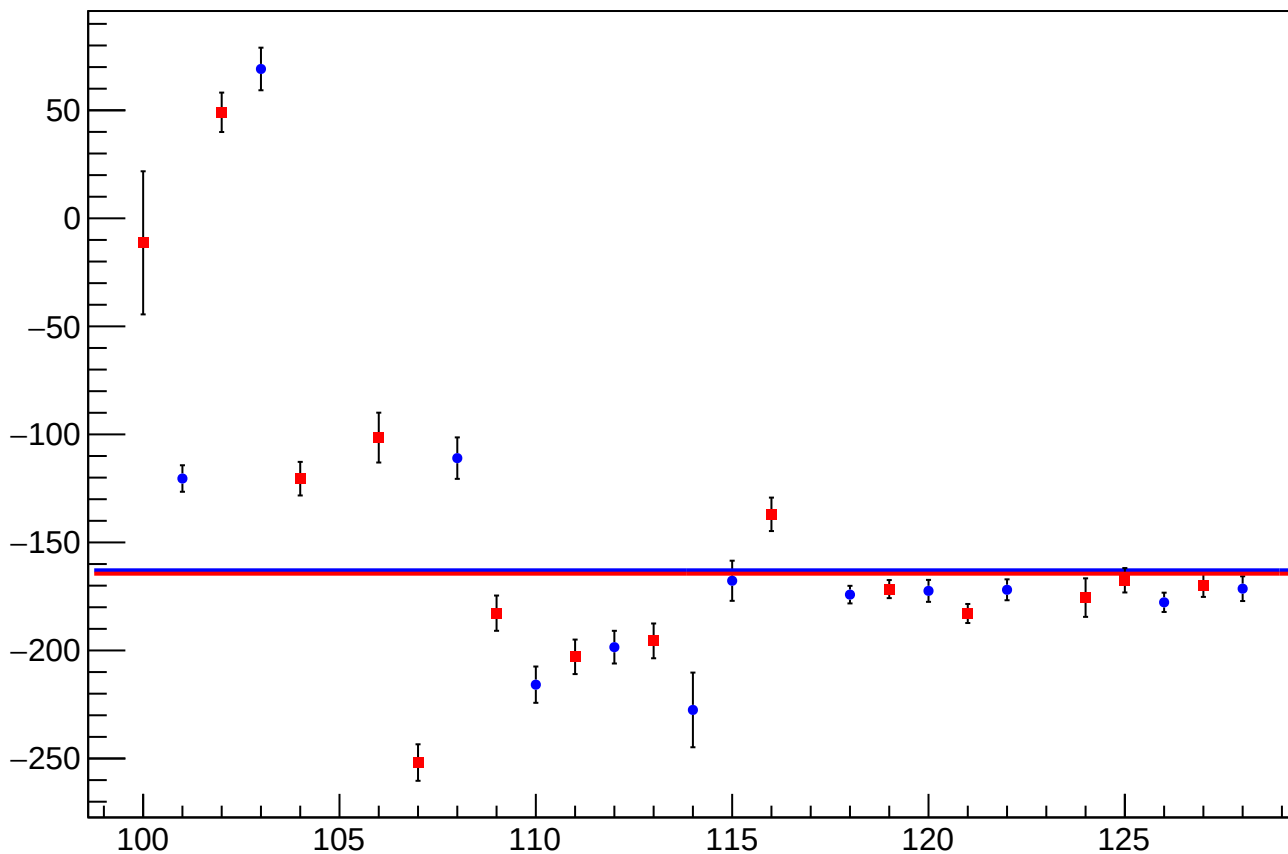
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -221.719 ± 1.214 χ^2/NDF : 1240.1/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -162.905+/-1.776 χ^2/NDF : 735.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -164.464+/-1.820 χ^2/NDF : 817.3/13

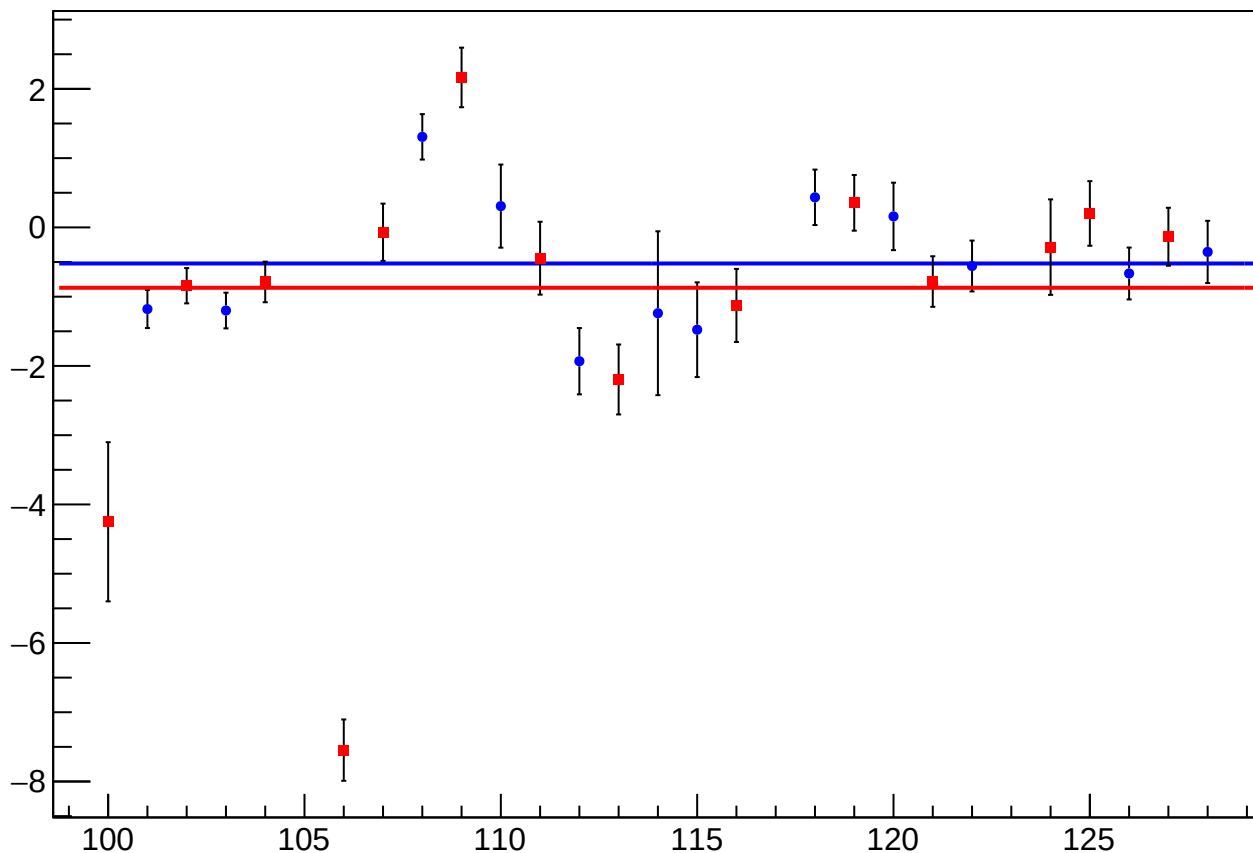
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -163.665+/-1.271 χ^2/NDF : 1553.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: -0.521 ± 0.114 χ^2/NDF : 64.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.872 ± 0.111 χ^2/NDF : 316.0/13

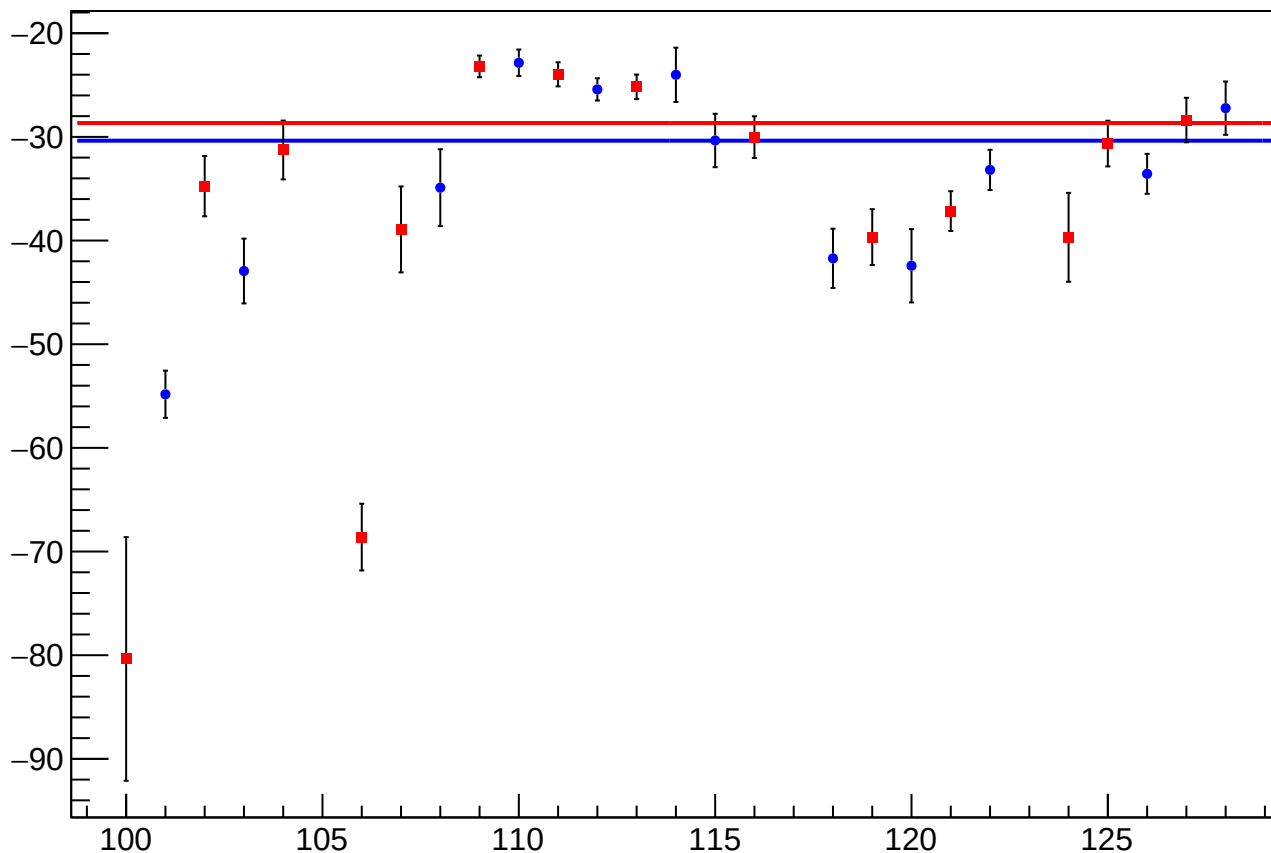
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.701 ± 0.079 χ^2/NDF : 385.5/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm1X_slope vs Slug



Right In: -30.367 ± 0.574 χ^2/NDF : 228.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -28.661 ± 0.506 χ^2/NDF : 281.3/13

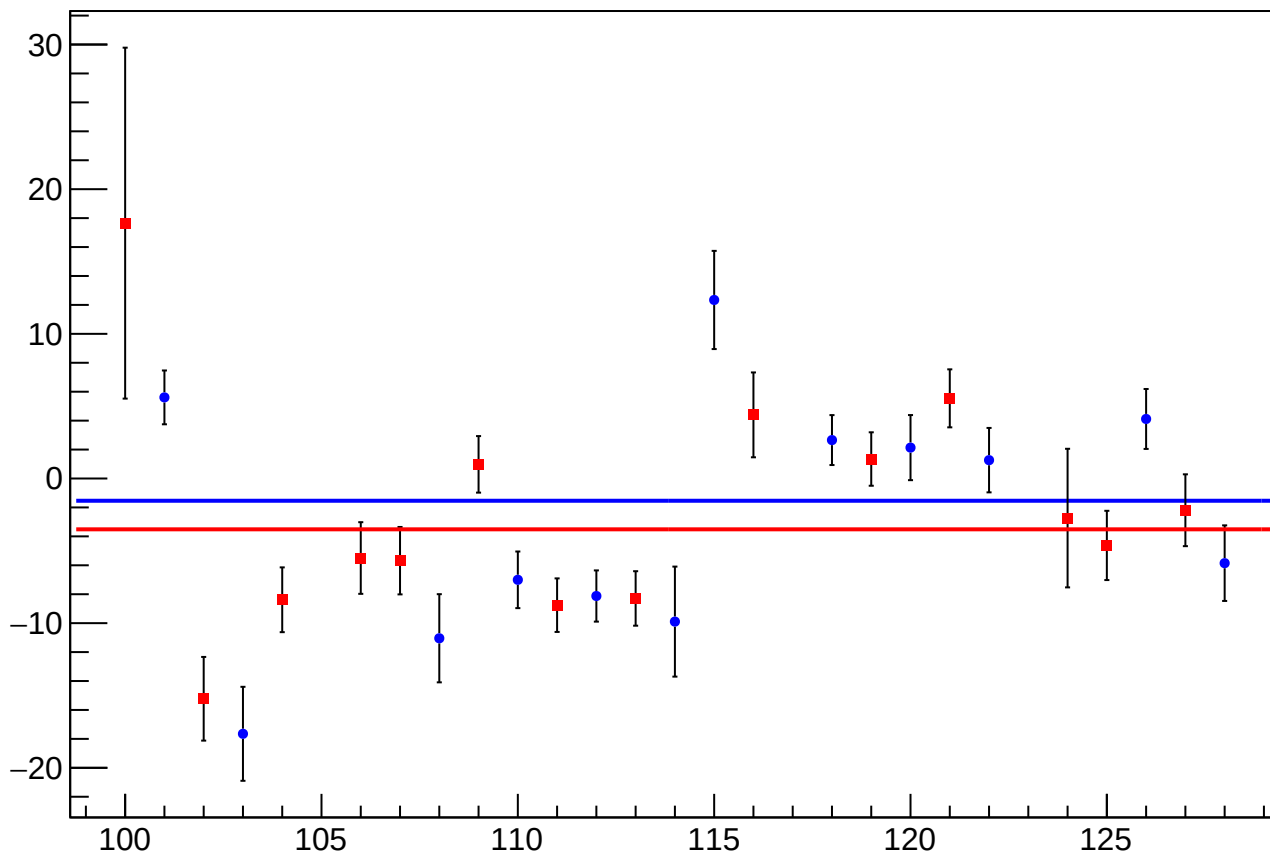
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -29.406 ± 0.379 χ^2/NDF : 514.8/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -1.538 ± 0.653 χ^2/NDF : 112.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.514 ± 0.627 χ^2/NDF : 80.5/13

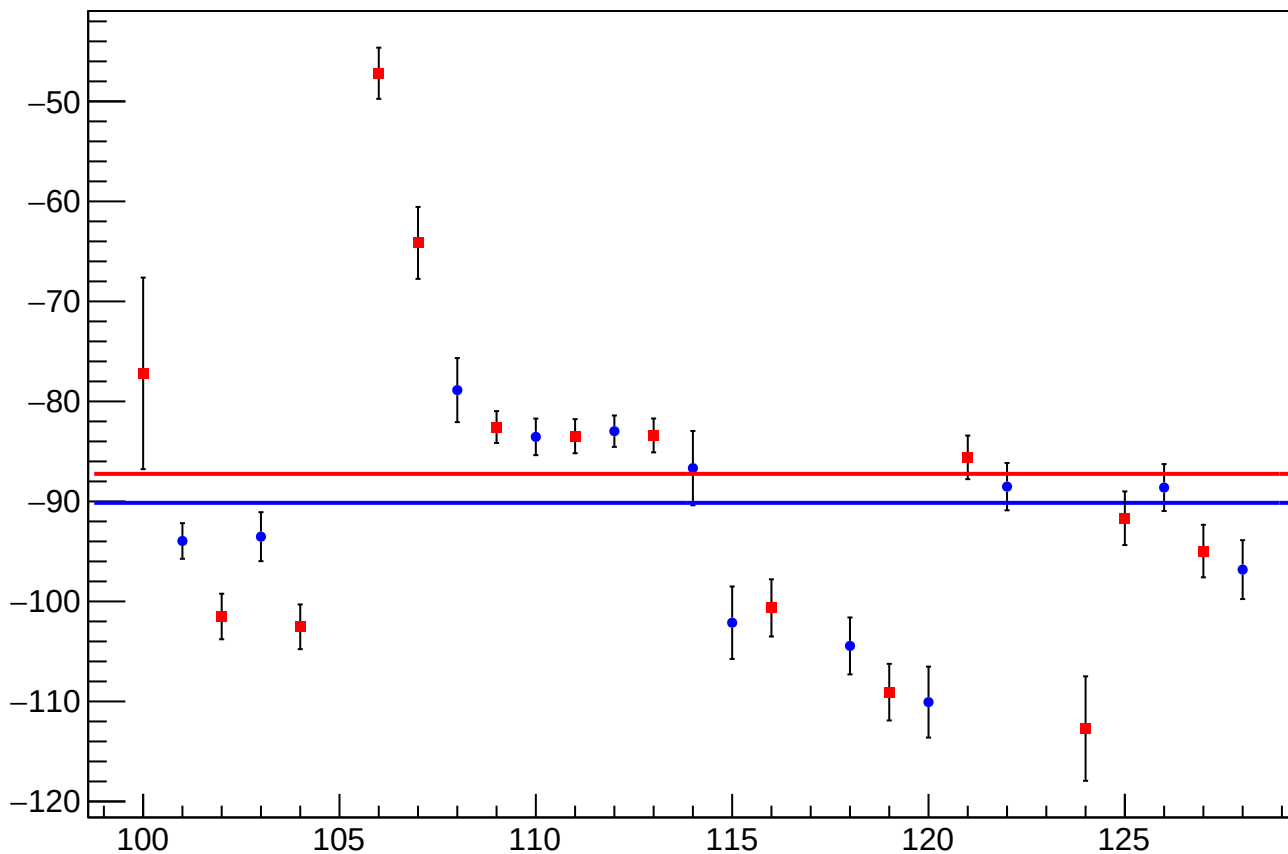
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.568 ± 0.452 χ^2/NDF : 197.9/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -90.142 ± 0.688 χ^2/NDF : 127.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -87.243 ± 0.632 χ^2/NDF : 509.4/13

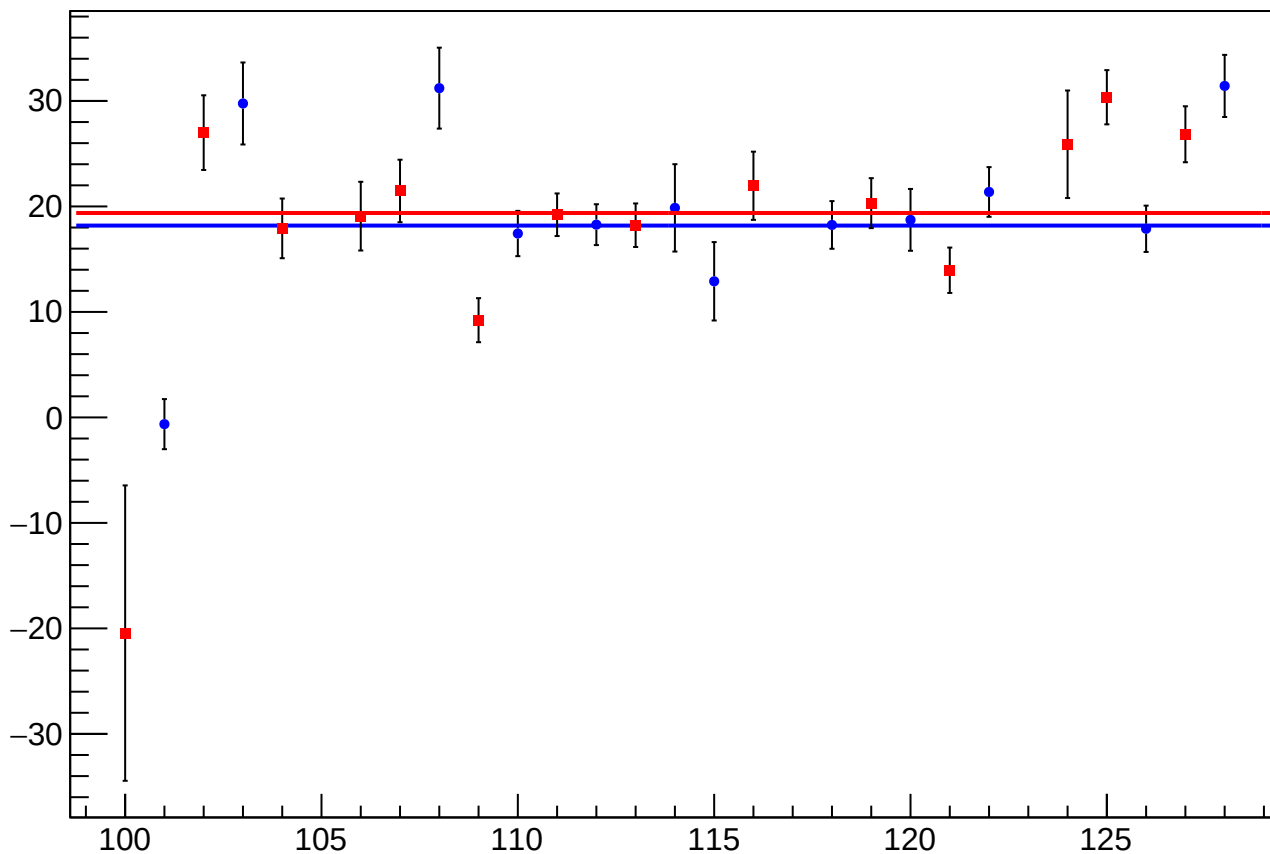
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -88.570 ± 0.466 χ^2/NDF : 646.5/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 18.185 $\pm$ 0.758 χ^2 /NDF: 107.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.378 $\pm$ 0.716 χ^2 /NDF: 72.5/13

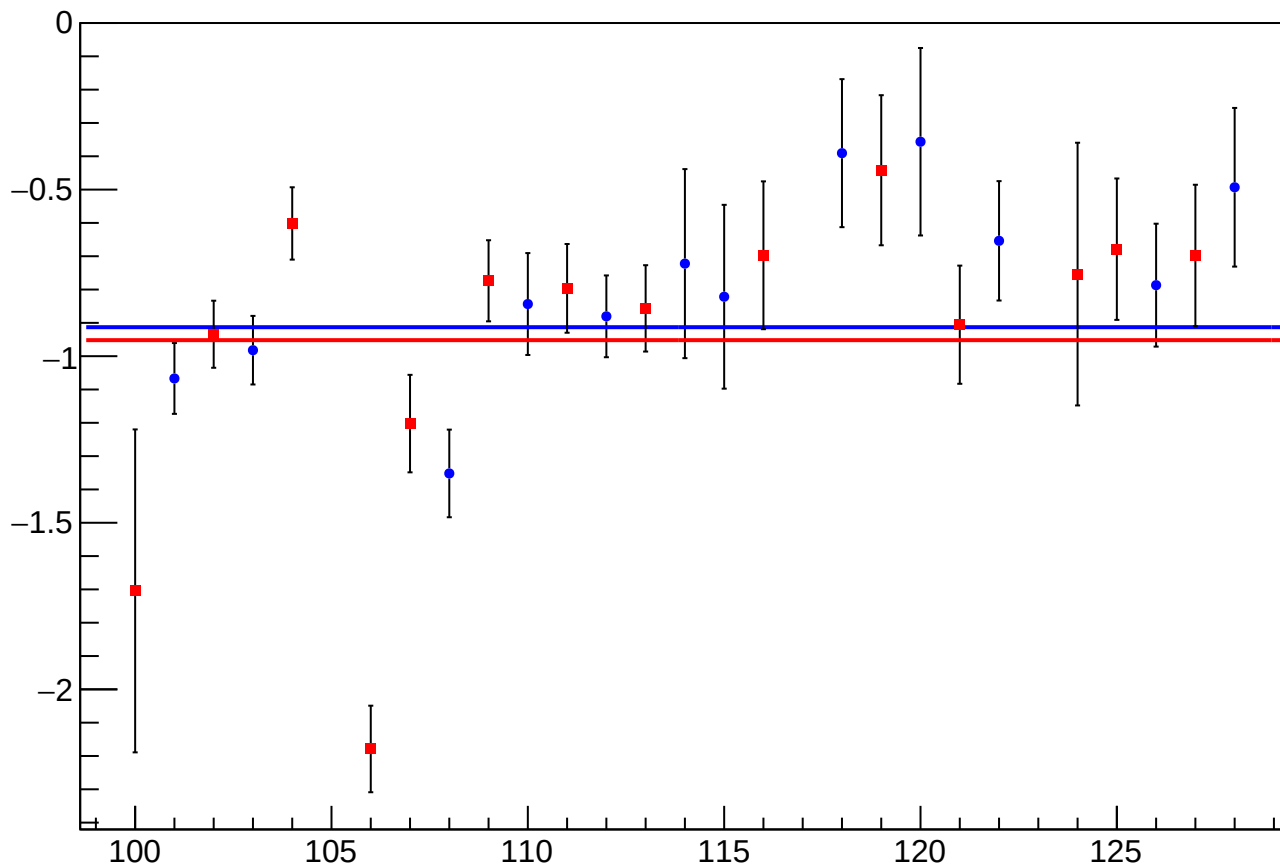
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.815 $\pm$ 0.520 χ^2 /NDF: 181.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.913 ± 0.045 χ^2/NDF : 29.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.952 ± 0.041 χ^2/NDF : 118.9/13

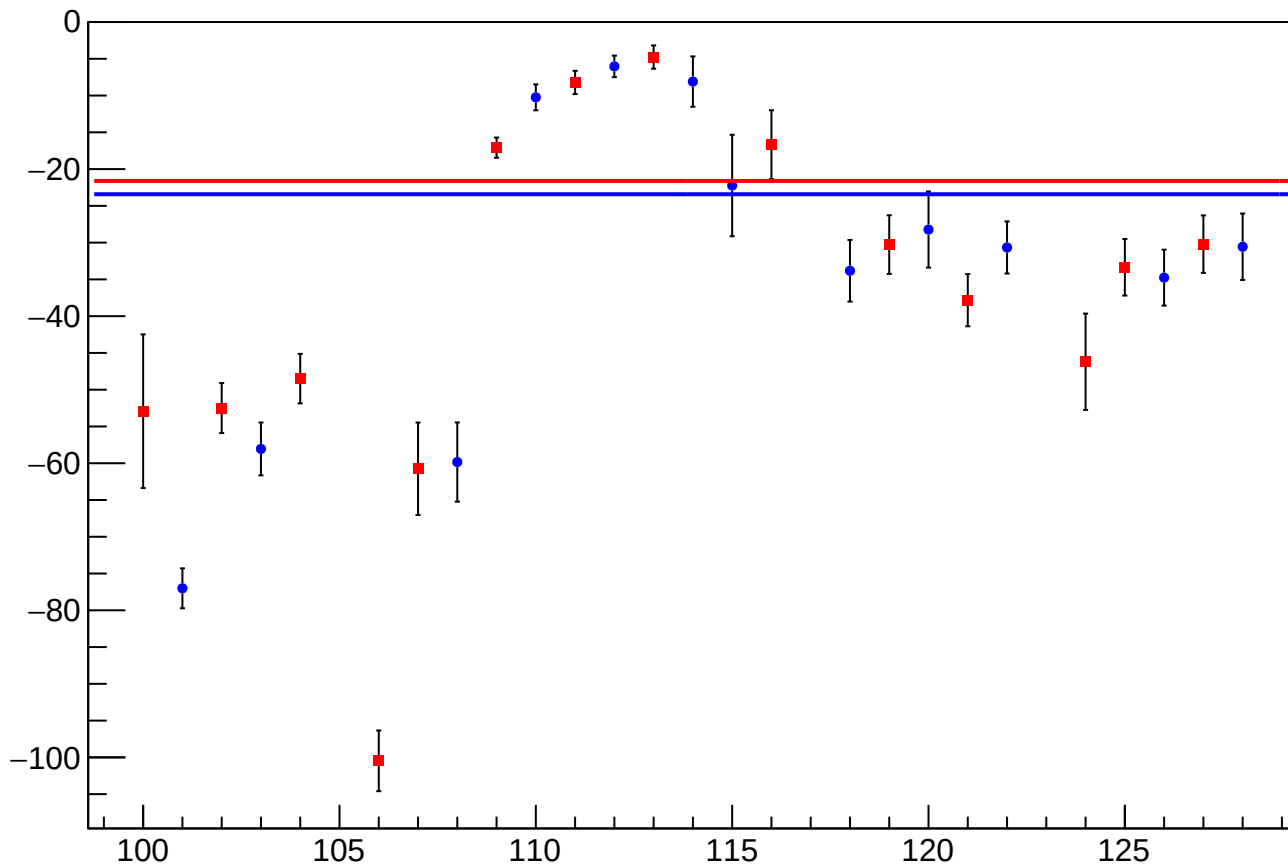
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.934 ± 0.030 χ^2/NDF : 149.0/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm1X_slope vs Slug



Right In: -23.421 ± 0.835 χ^2/NDF : 768.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -21.611 ± 0.717 χ^2/NDF : 810.3/13

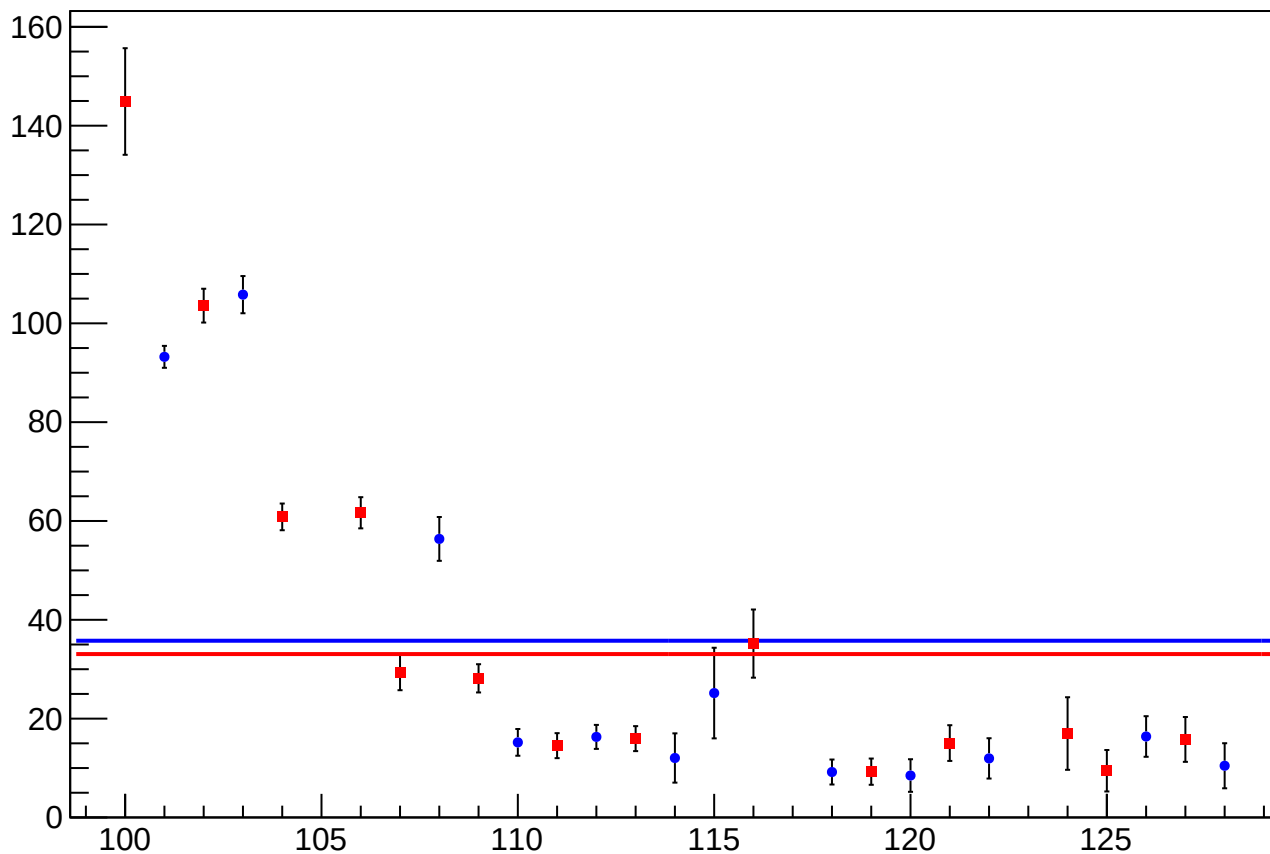
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.380 ± 0.544 χ^2/NDF : 1581.0/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 35.764 $\pm$ 0.954 χ^2 /NDF: 1449.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 33.066 $\pm$ 0.910 χ^2 /NDF: 979.5/13

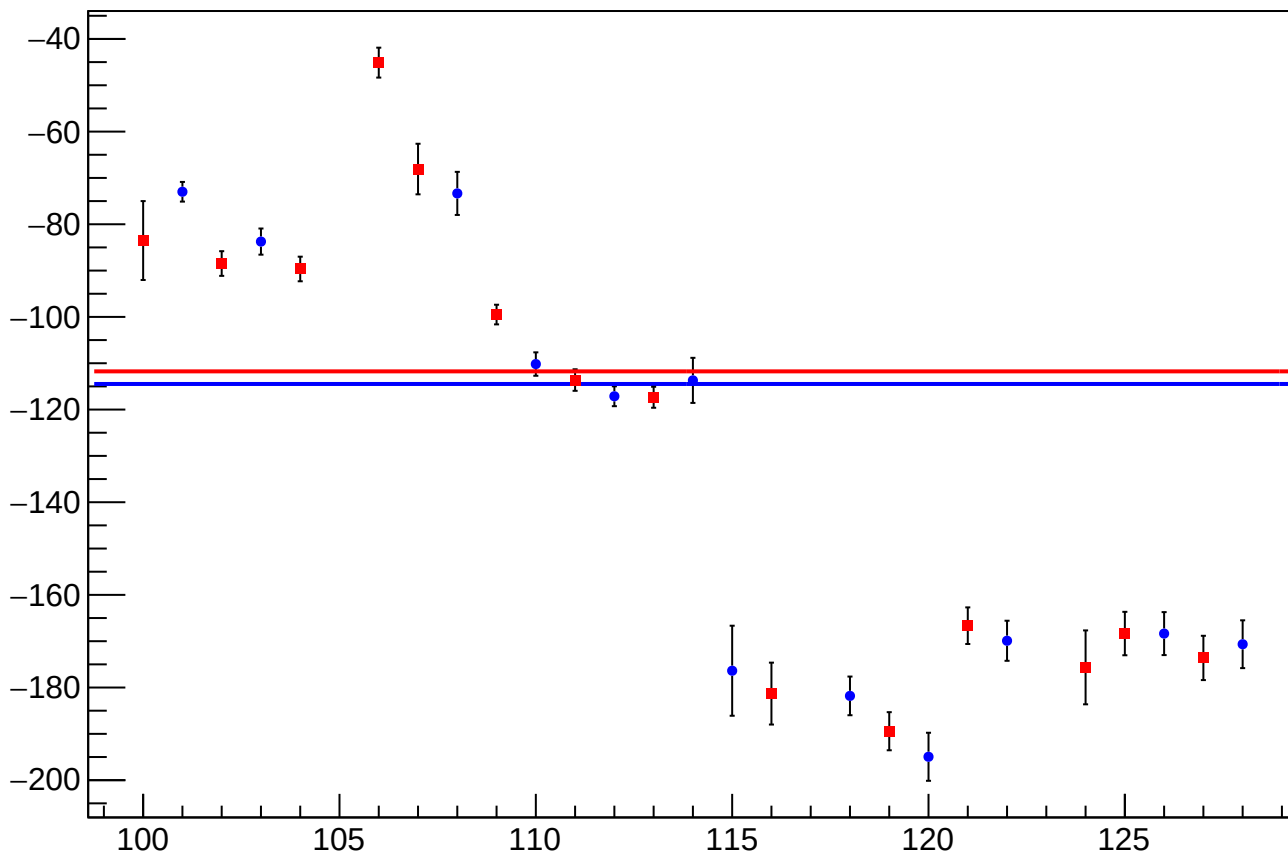
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.351 $\pm$ 0.658 χ^2 /NDF: 2433.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -114.477 ± 0.975 χ^2/NDF : 1542.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -111.754 ± 0.884 χ^2/NDF : 1722.2/13

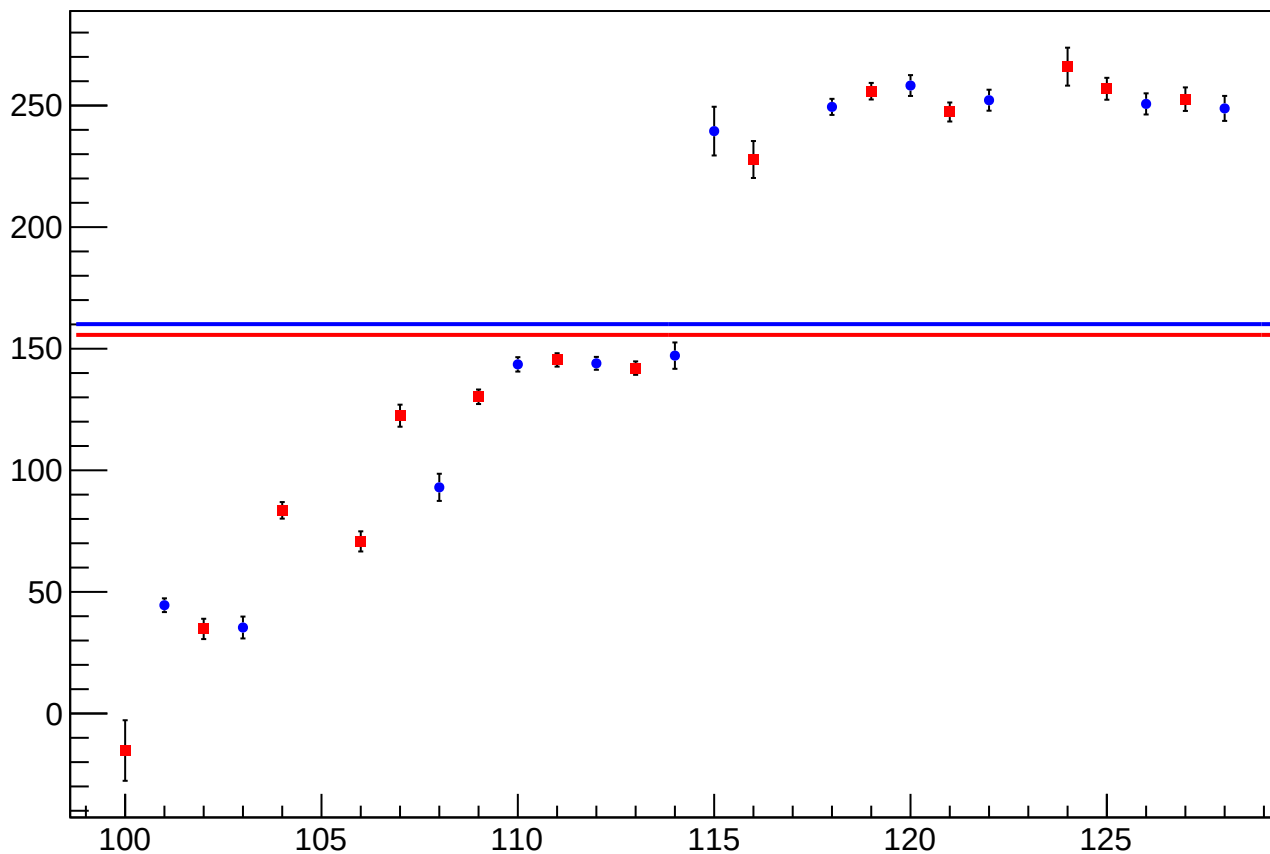
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -112.983 ± 0.655 χ^2/NDF : 3269.0/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 160.107+/-1.120 χ^2/NDF : 5161.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.684+/-1.049 χ^2/NDF : 4667.6/13

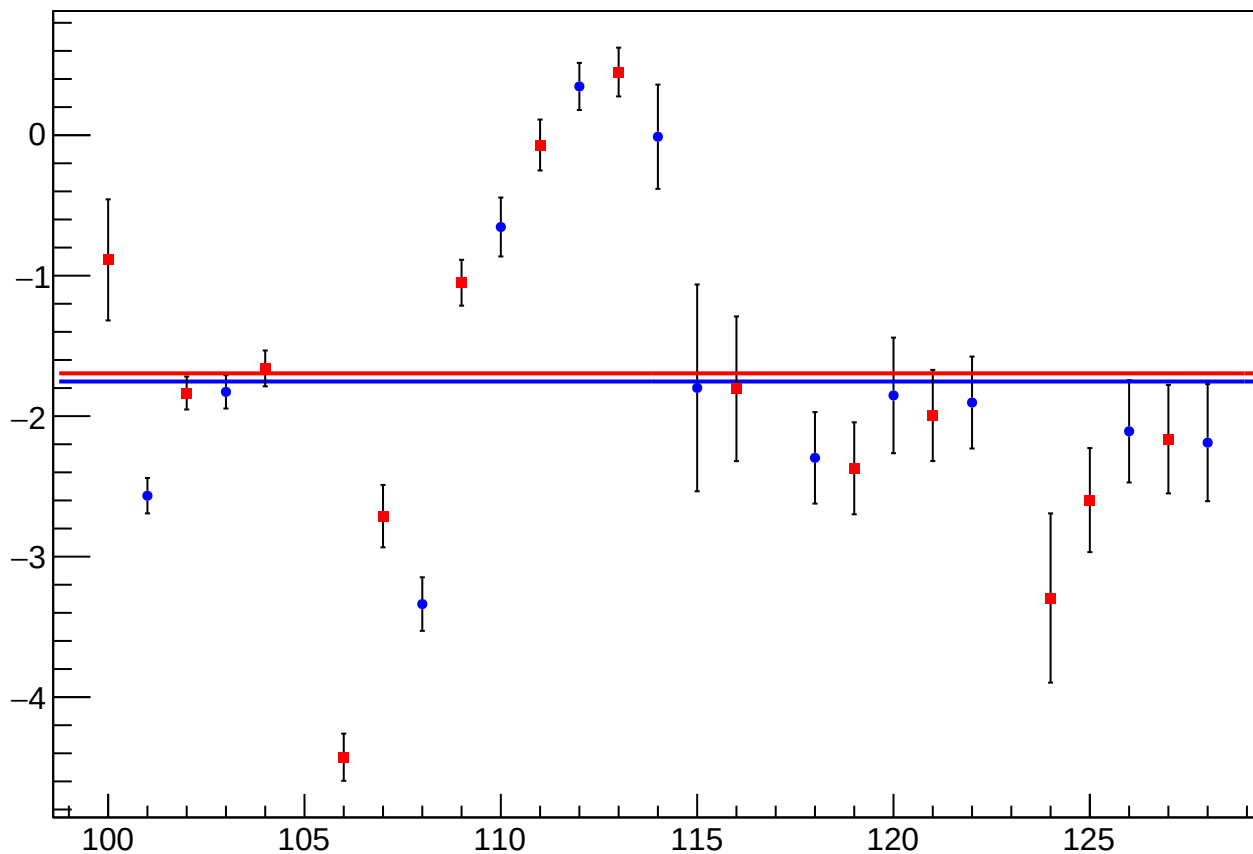
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.751+/-0.766 χ^2/NDF : 9837.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.753 ± 0.061 $\chi^2/\text{NDF}: 322.7/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.695 ± 0.055 $\chi^2/\text{NDF}: 559.1/13$

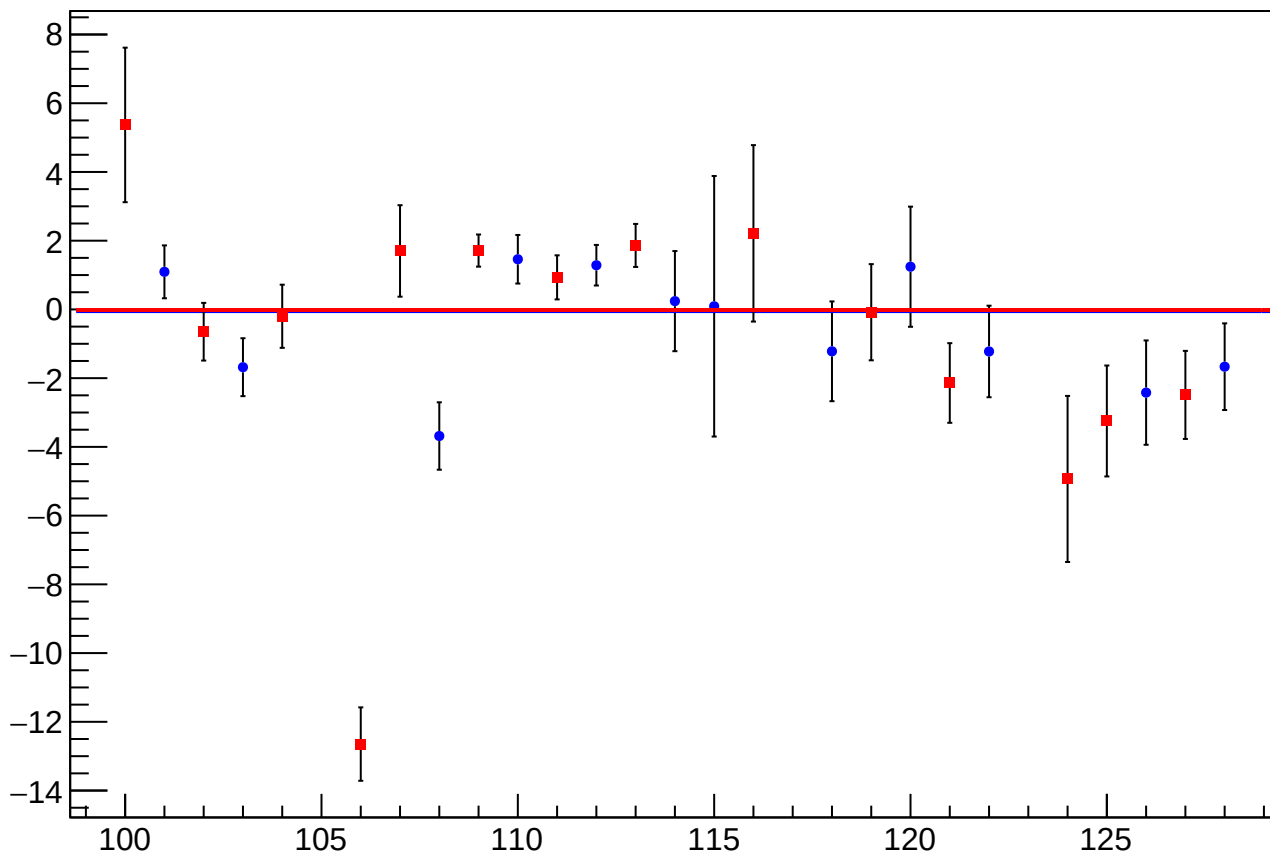
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.721 ± 0.041 $\chi^2/\text{NDF}: 882.3/25$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: -0.048+/-0.289 χ^2 /NDF: 35.5/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.017+/-0.247 χ^2 /NDF: 188.6/13

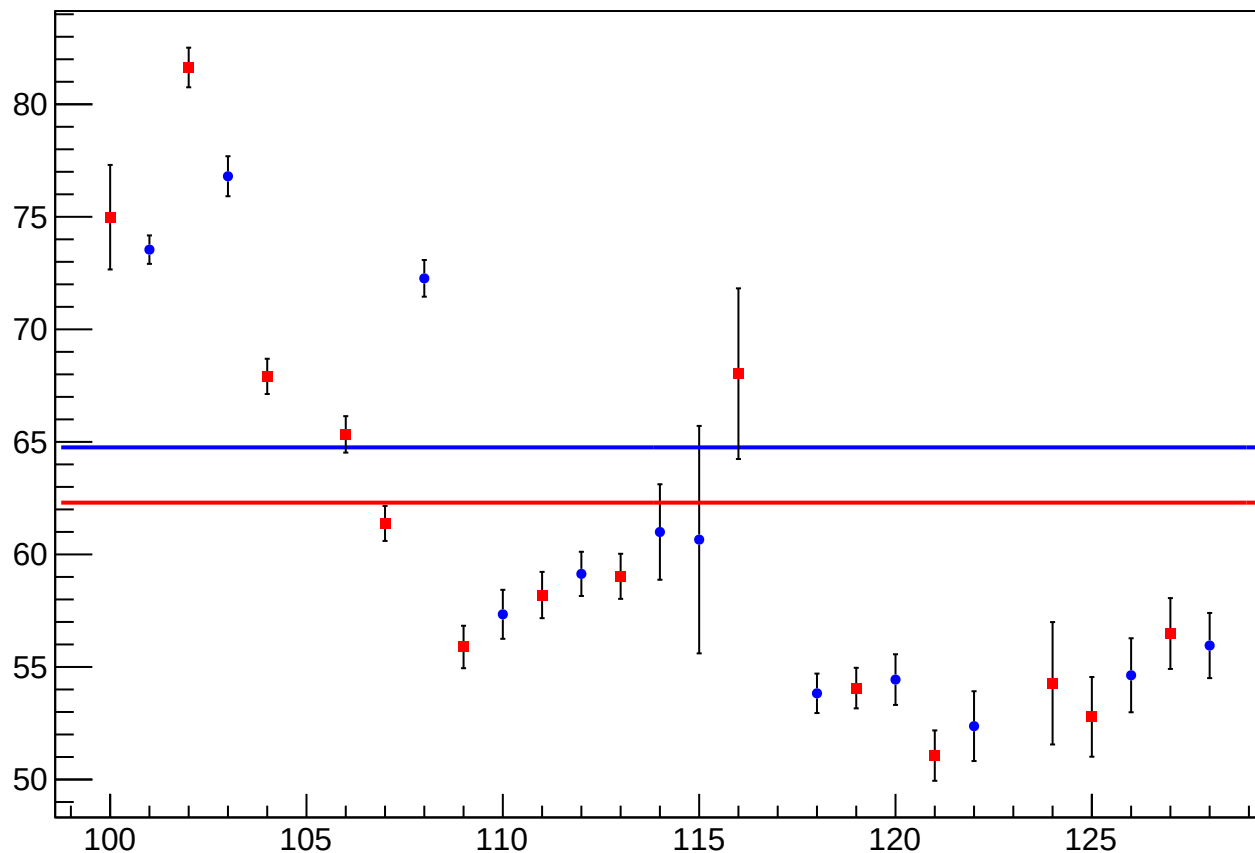
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.030+/-0.188 χ^2 /NDF: 224.1/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 64.756 $\pm$ 0.305 χ^2 /NDF: 923.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 62.301 $\pm$ 0.285 χ^2 /NDF: 889.8/13

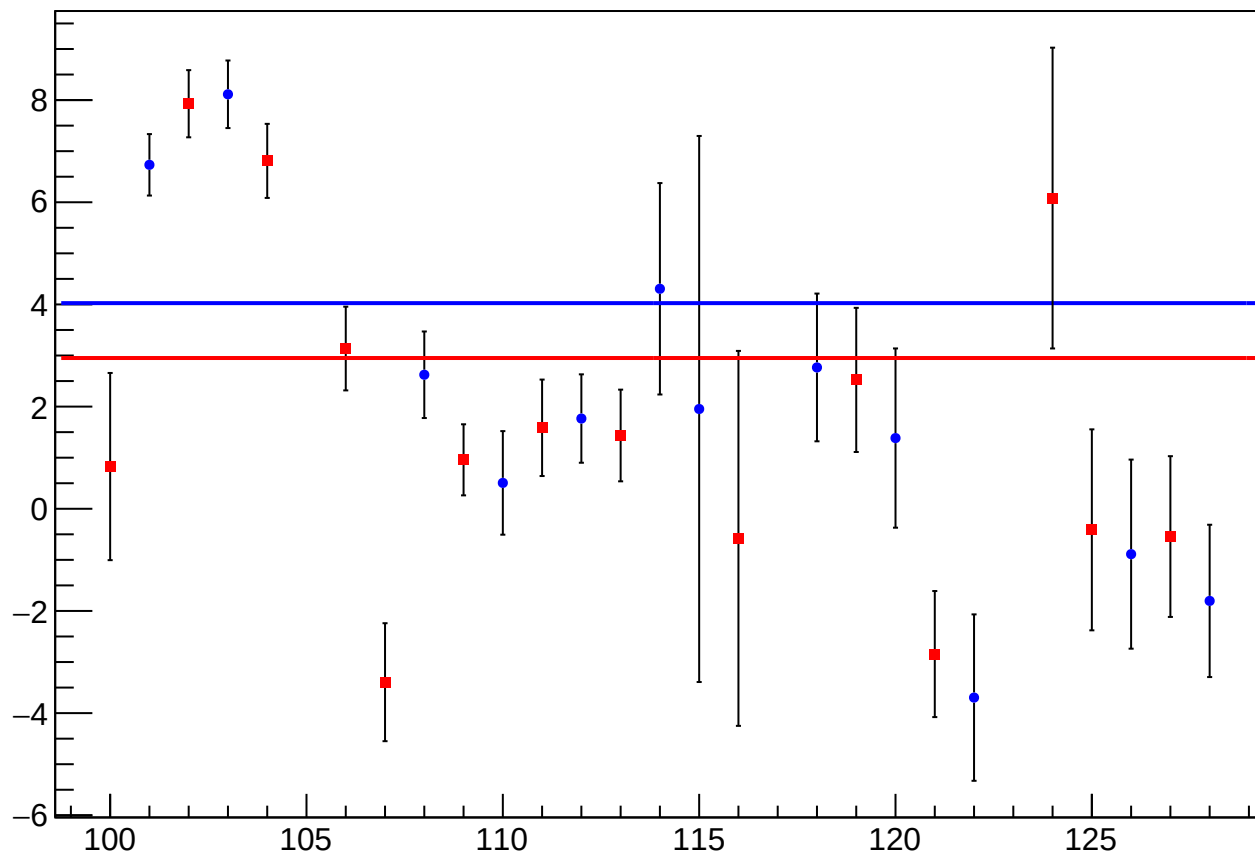
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 63.447 $\pm$ 0.208 χ^2 /NDF: 1847.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 4.025+/-0.302 χ^2/NDF : 128.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.951+/-0.275 χ^2/NDF : 162.5/13

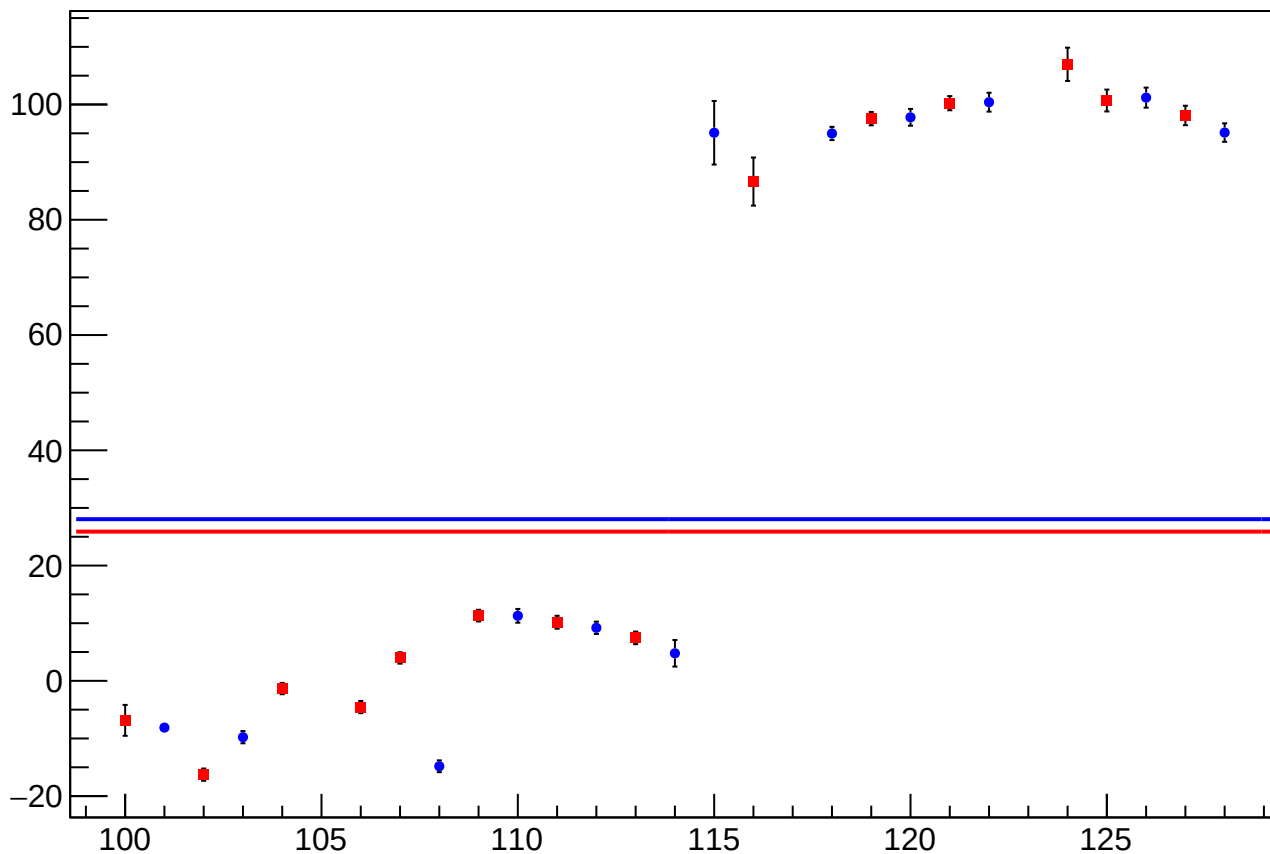
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.438+/-0.204 χ^2/NDF : 297.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 28.049+/-0.365 χ^2/NDF : 16992.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.895+/-0.337 χ^2/NDF : 16390.4/13

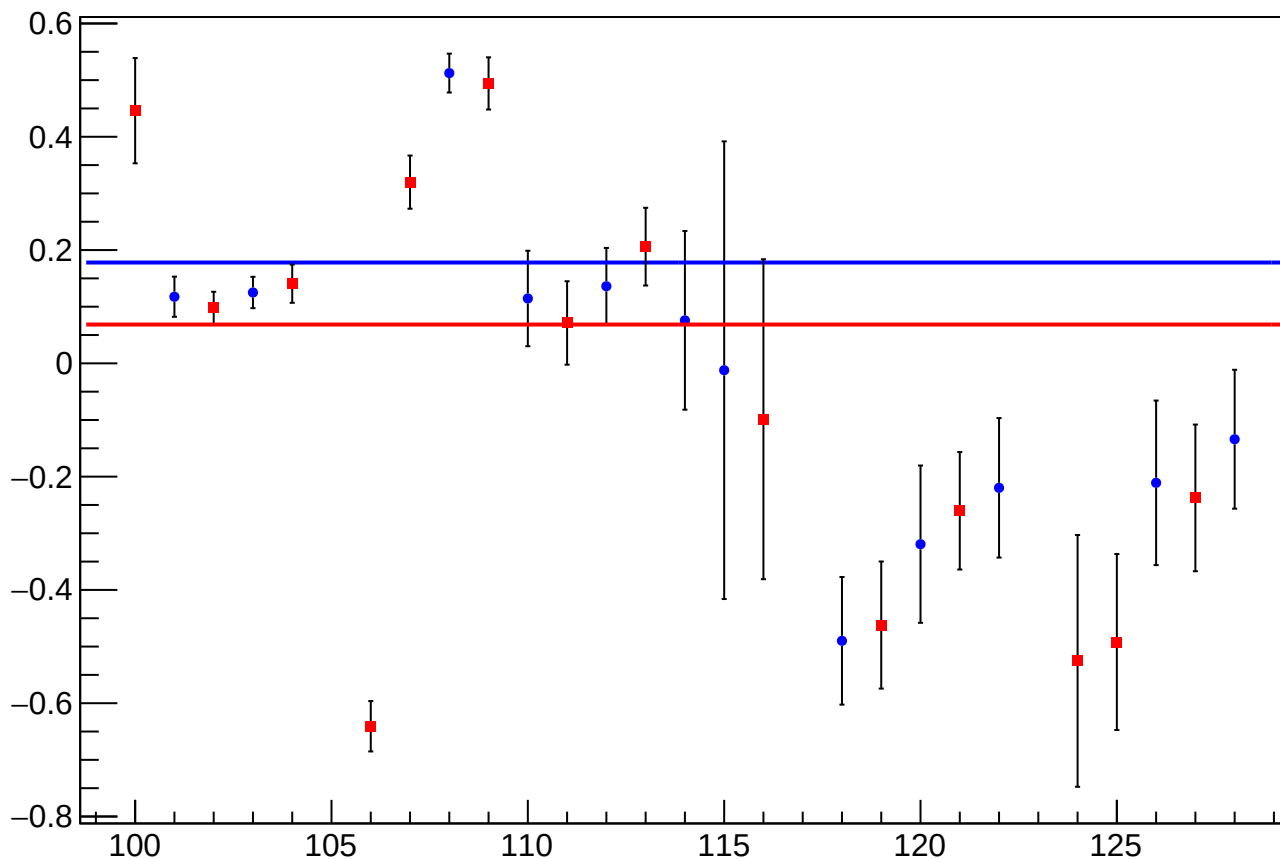
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.886+/-0.247 χ^2/NDF : 33401.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.178+/-0.017 χ^2/NDF : 175.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.069+/-0.015 χ^2/NDF : 453.3/13

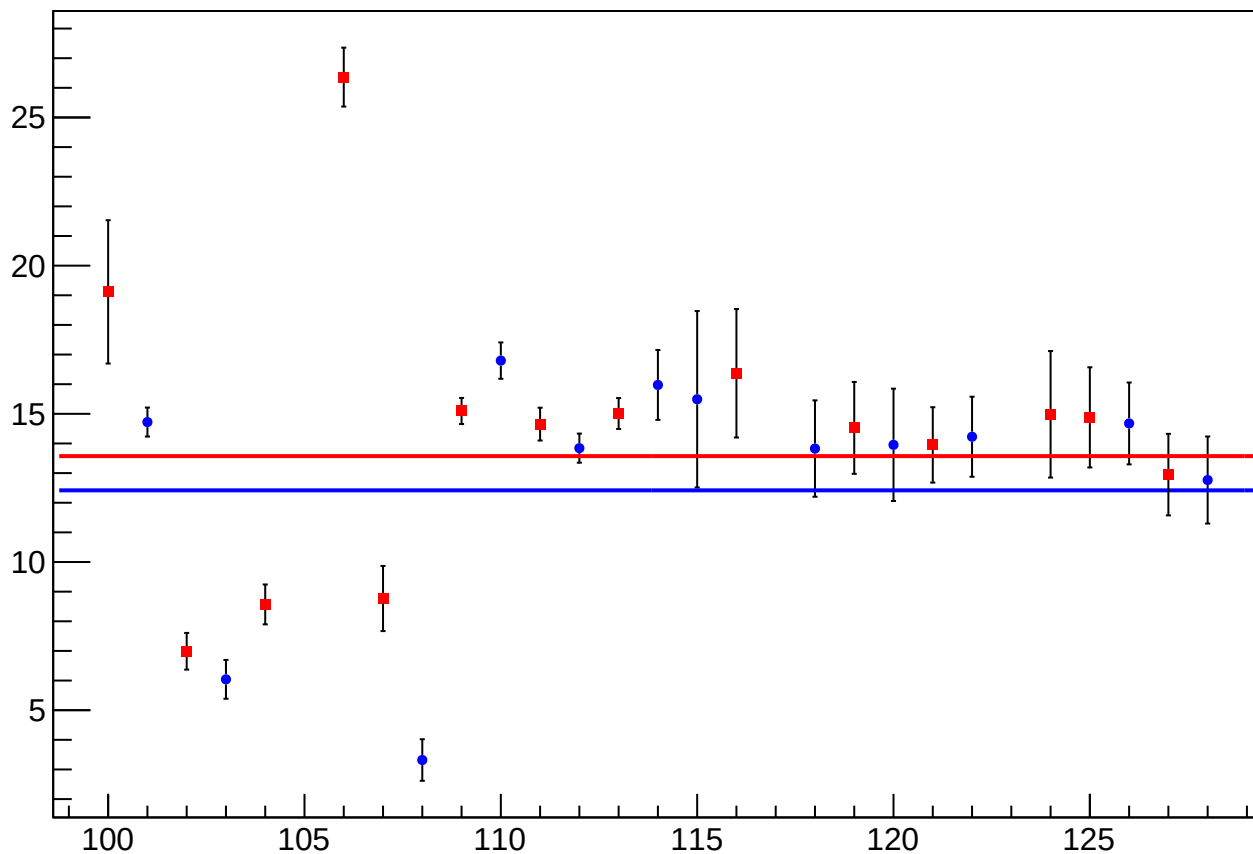
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.119+/-0.011 χ^2/NDF : 652.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_diff_bpm1X_slope vs Slug



Right In: 12.418 $\pm$ 0.233 χ^2 /NDF: 360.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.573 $\pm$ 0.217 χ^2 /NDF: 385.2/13

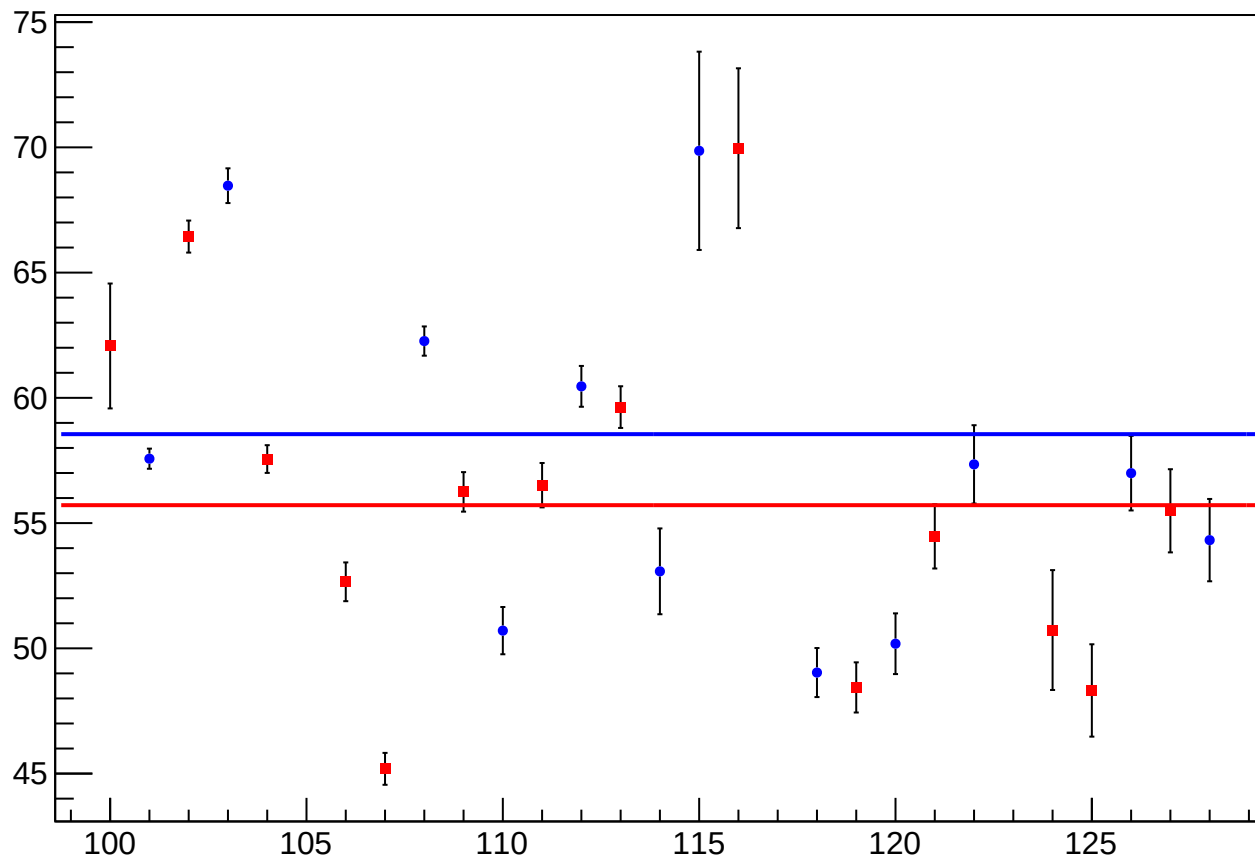
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.038 $\pm$ 0.159 χ^2 /NDF: 759.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 58.551 $\pm$ 0.241 χ^2 /NDF: 494.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 55.715 $\pm$ 0.243 χ^2 /NDF: 705.4/13

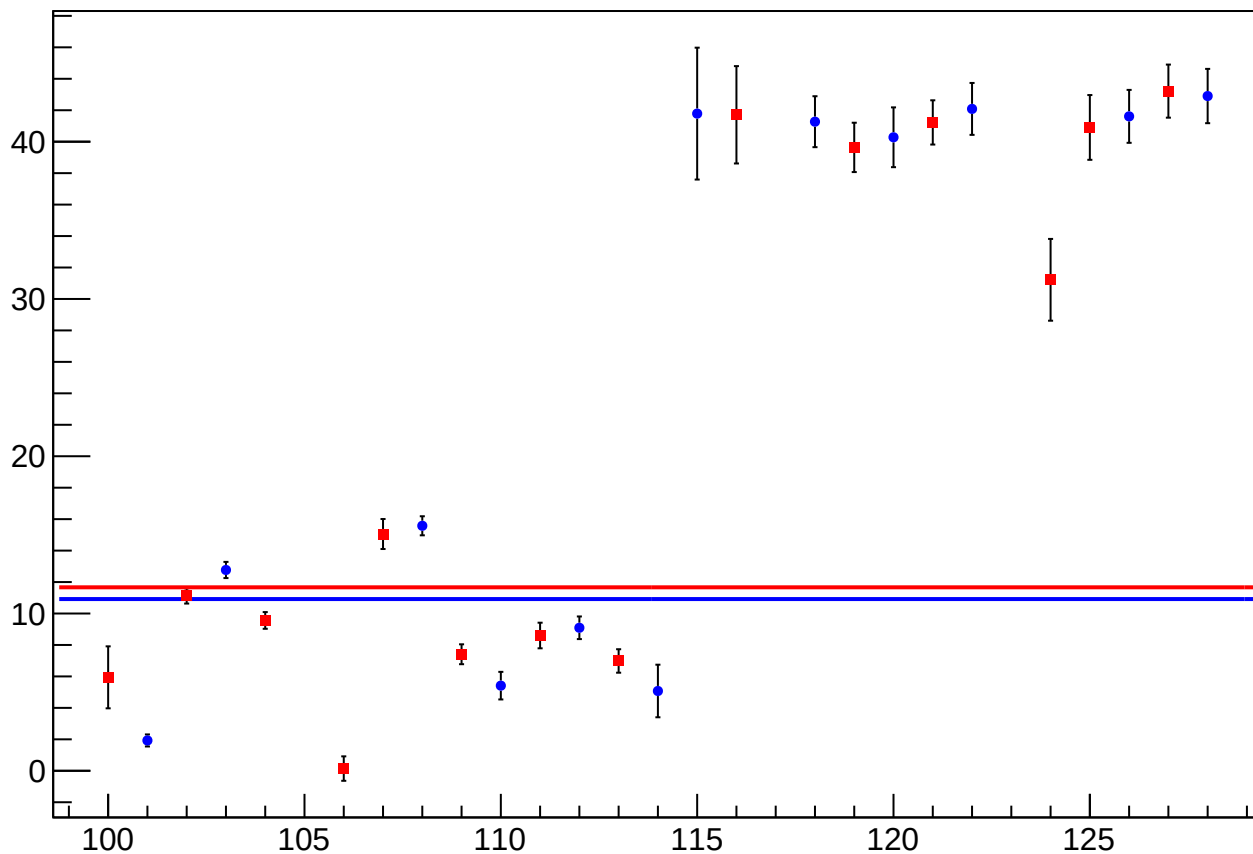
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 57.147 $\pm$ 0.171 χ^2 /NDF: 1268.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: 10.919+/-0.231 χ^2/NDF : 2358.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.666+/-0.233 χ^2/NDF : 1818.3/13

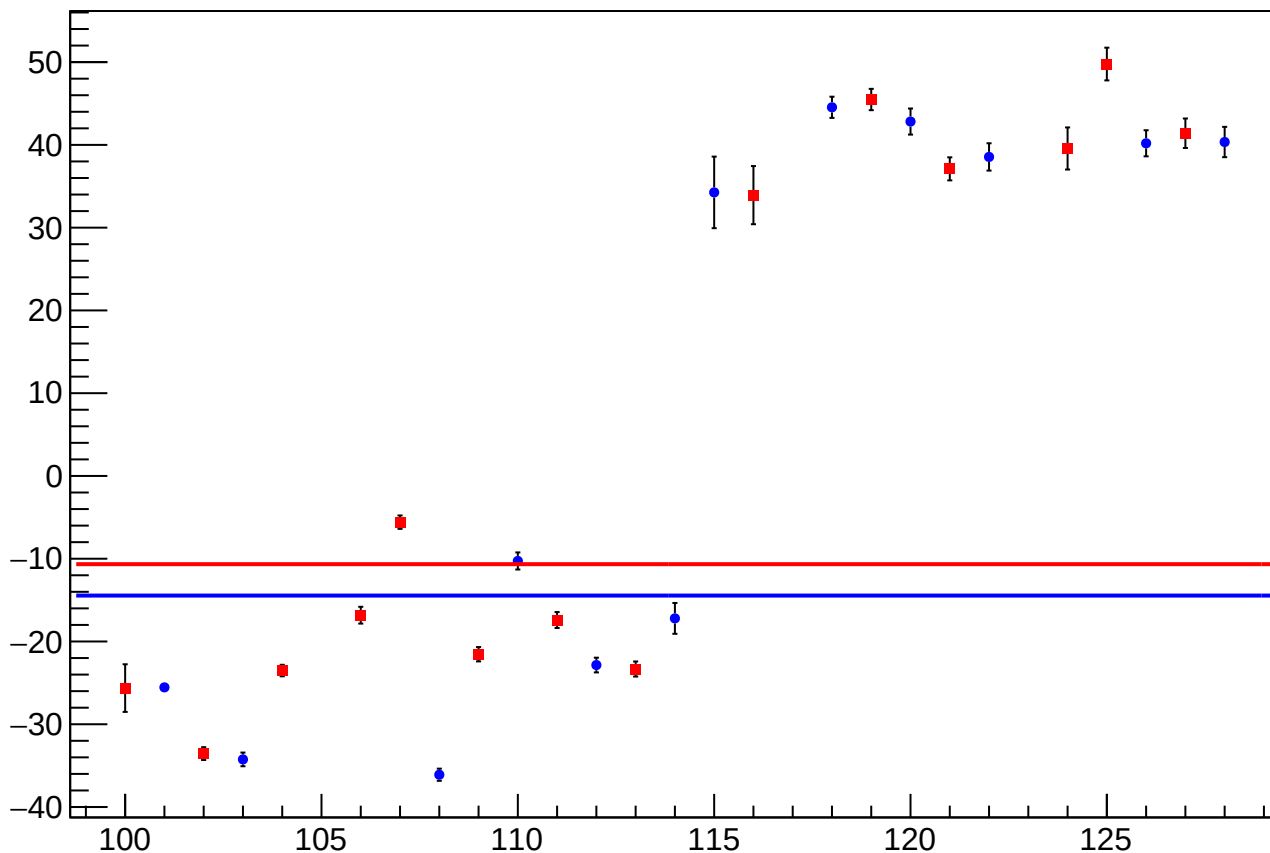
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.289+/-0.164 χ^2/NDF : 4181.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: -14.452 ± 0.291 χ^2/NDF : 8724.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -10.659 ± 0.290 χ^2/NDF : 7135.5/13

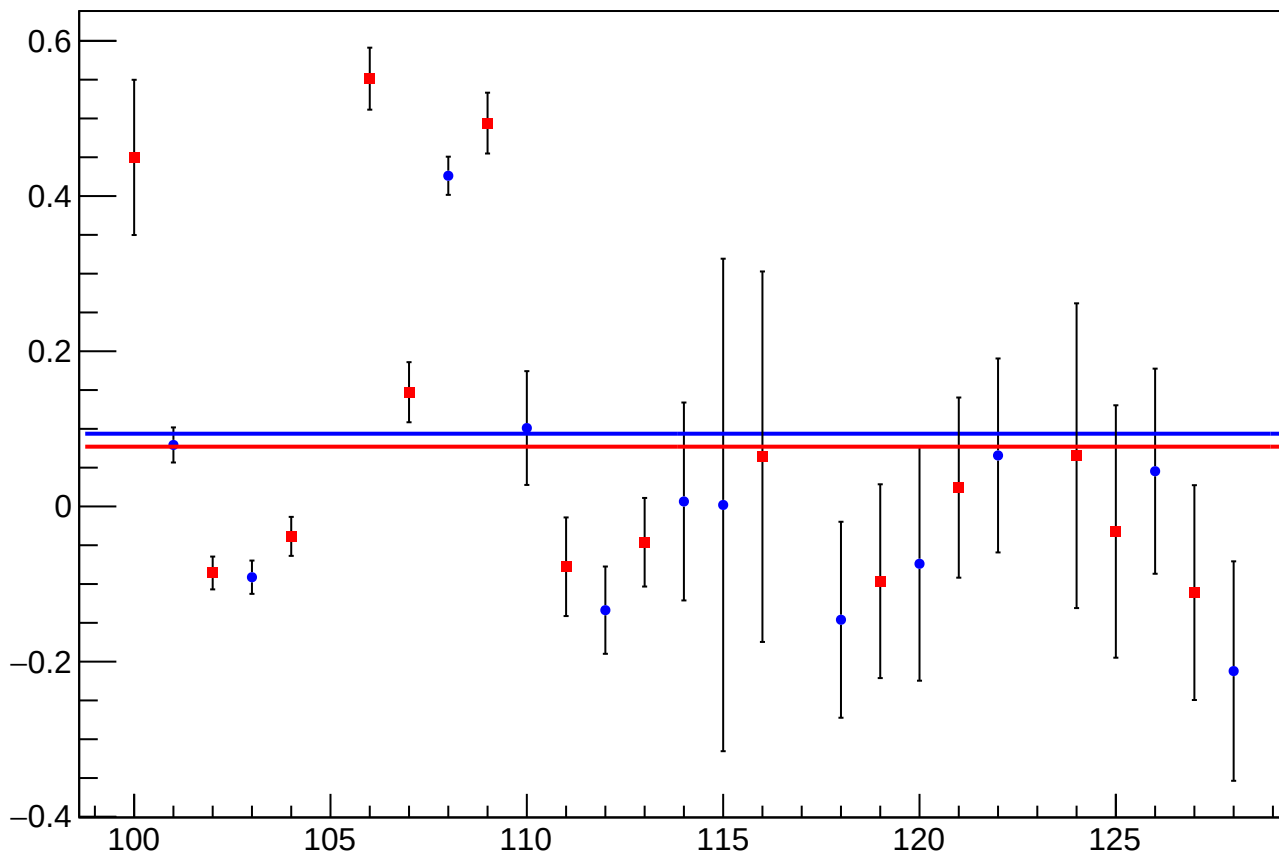
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.548 ± 0.205 χ^2/NDF : 15945.4/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.094 $\pm$ 0.012 χ^2 /NDF: 284.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.077 $\pm$ 0.012 χ^2 /NDF: 366.8/13

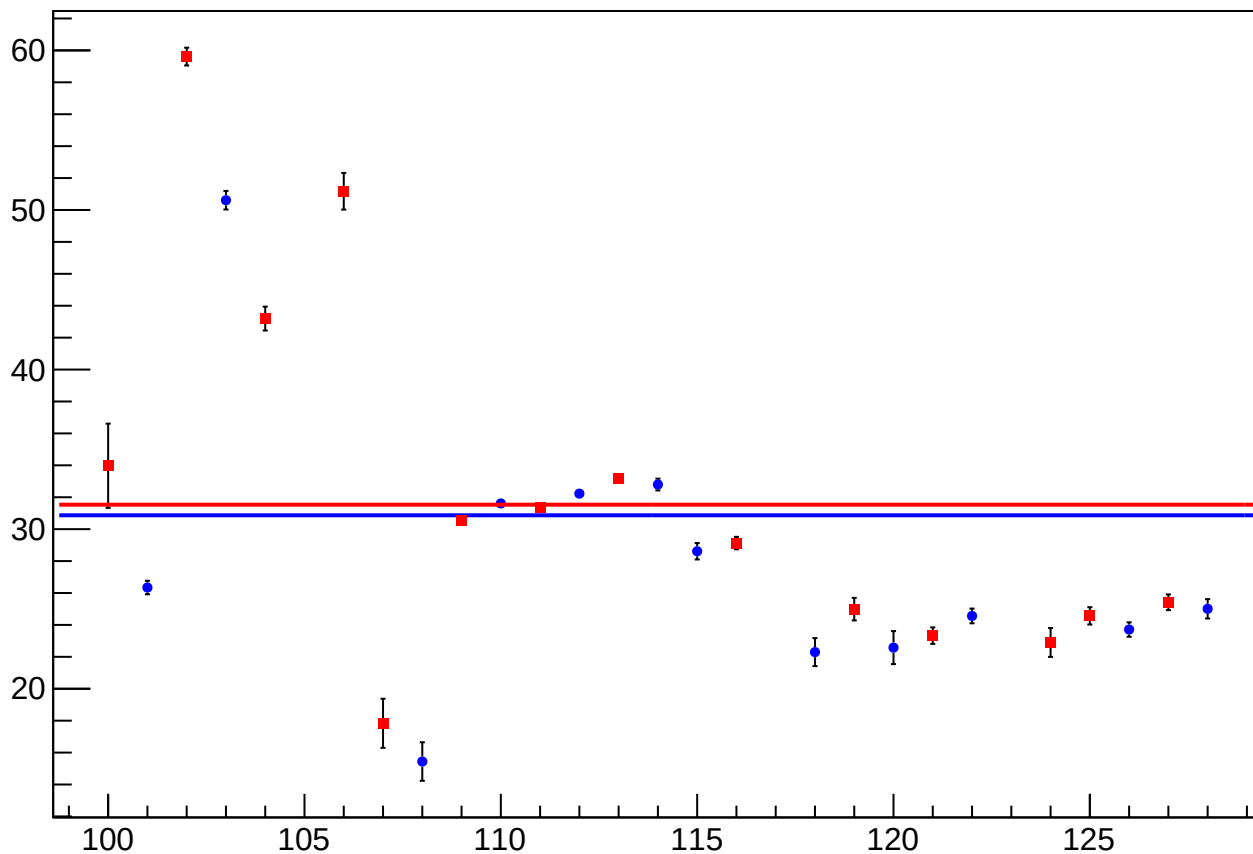
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.085 $\pm$ 0.009 χ^2 /NDF: 651.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 30.869 $\pm$ 0.101 χ^2 /NDF: 2249.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.533 $\pm$ 0.084 χ^2 /NDF: 4073.1/13

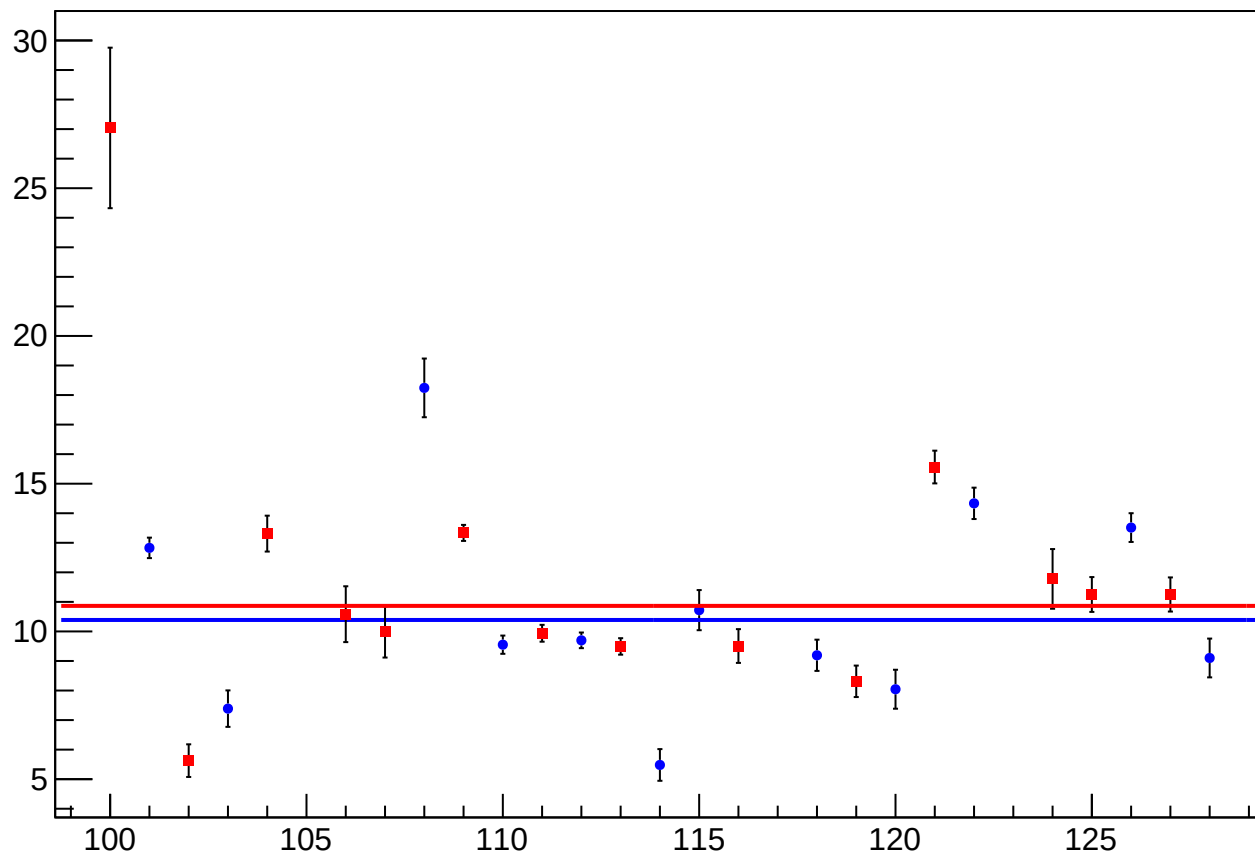
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 31.261 $\pm$ 0.064 χ^2 /NDF: 6348.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.388+/-0.131 χ^2 /NDF: 352.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 10.865+/-0.125 χ^2 /NDF: 362.6/13

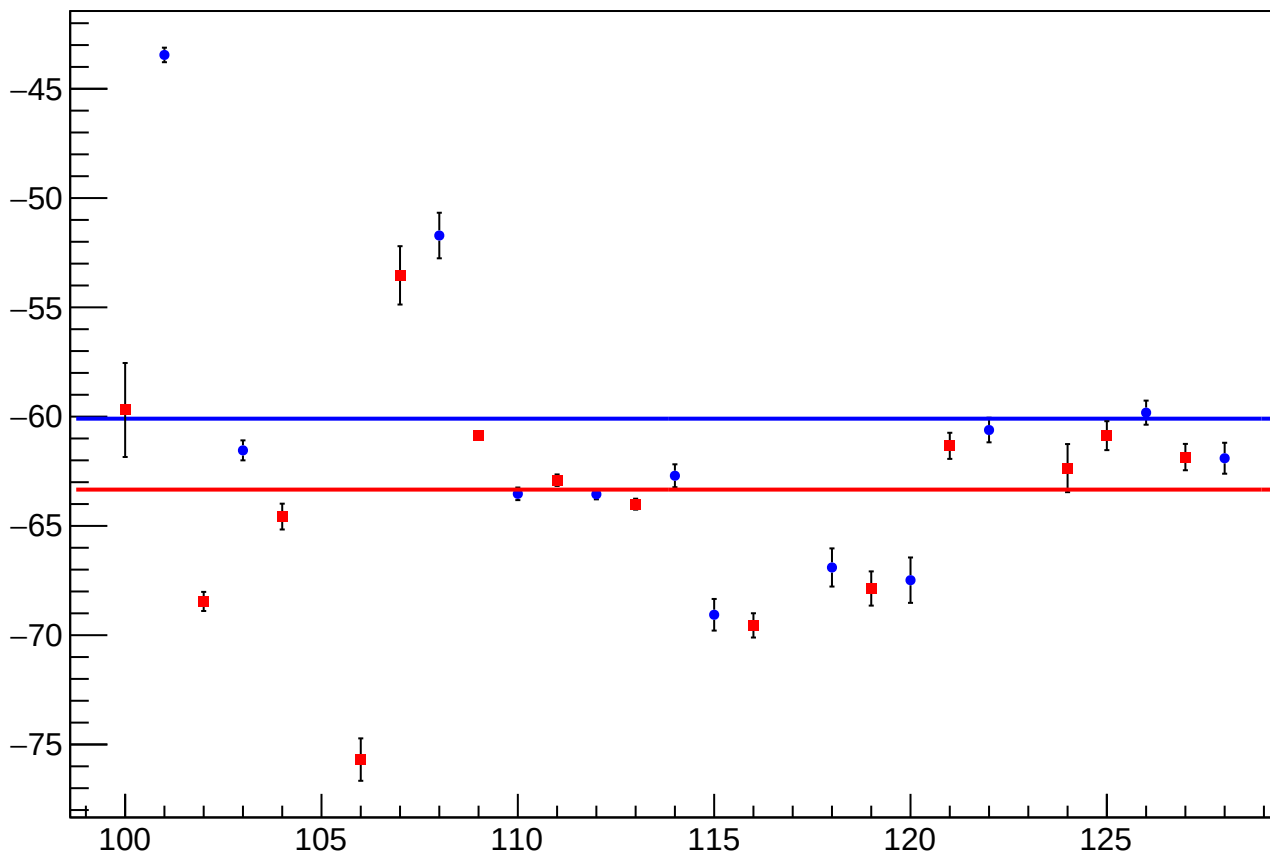
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 10.637+/-0.090 χ^2 /NDF: 721.5/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -60.093+/-0.128 χ^2/NDF : 3237.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -63.339+/-0.115 χ^2/NDF : 692.4/13

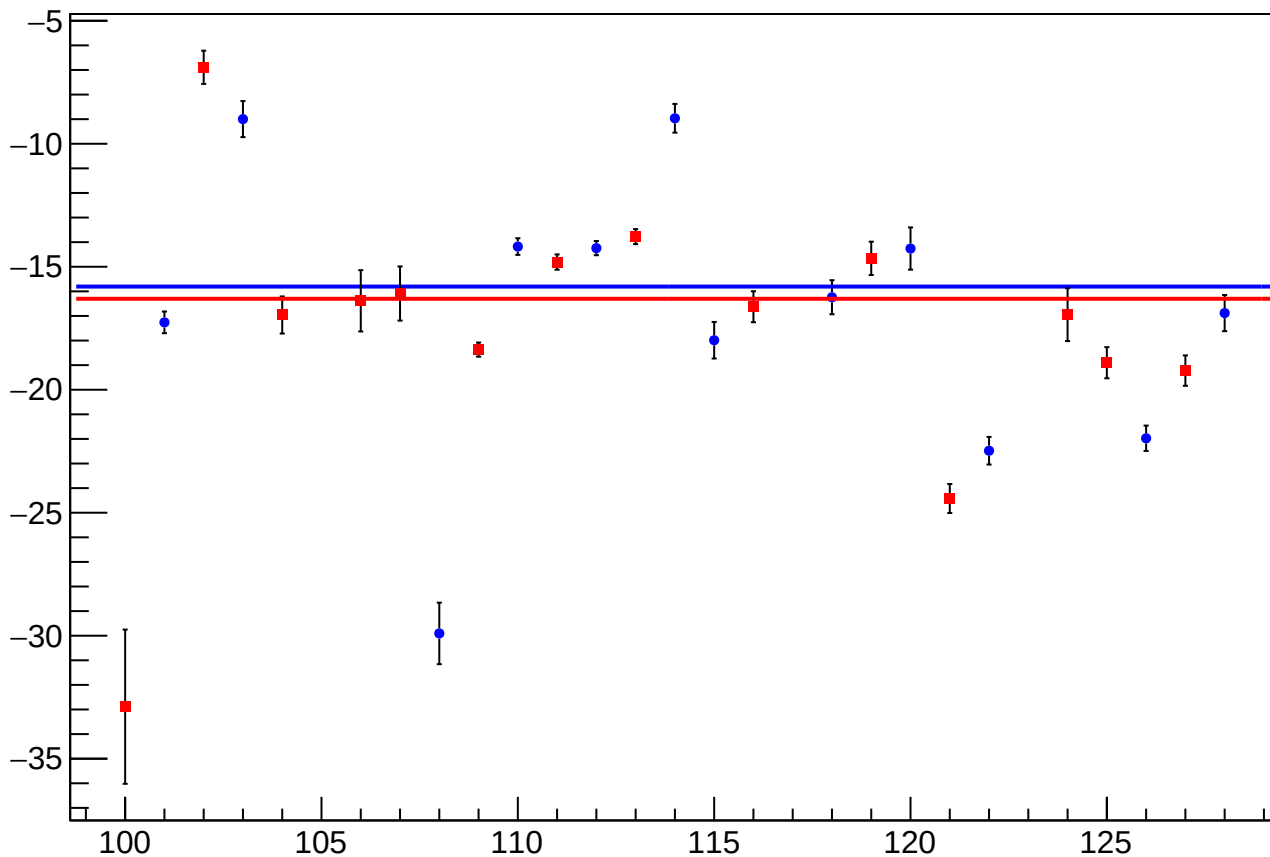
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -61.882+/-0.086 χ^2/NDF : 4285.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -15.806 ± 0.149 χ^2/NDF : 713.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.302 ± 0.138 χ^2/NDF : 601.5/13

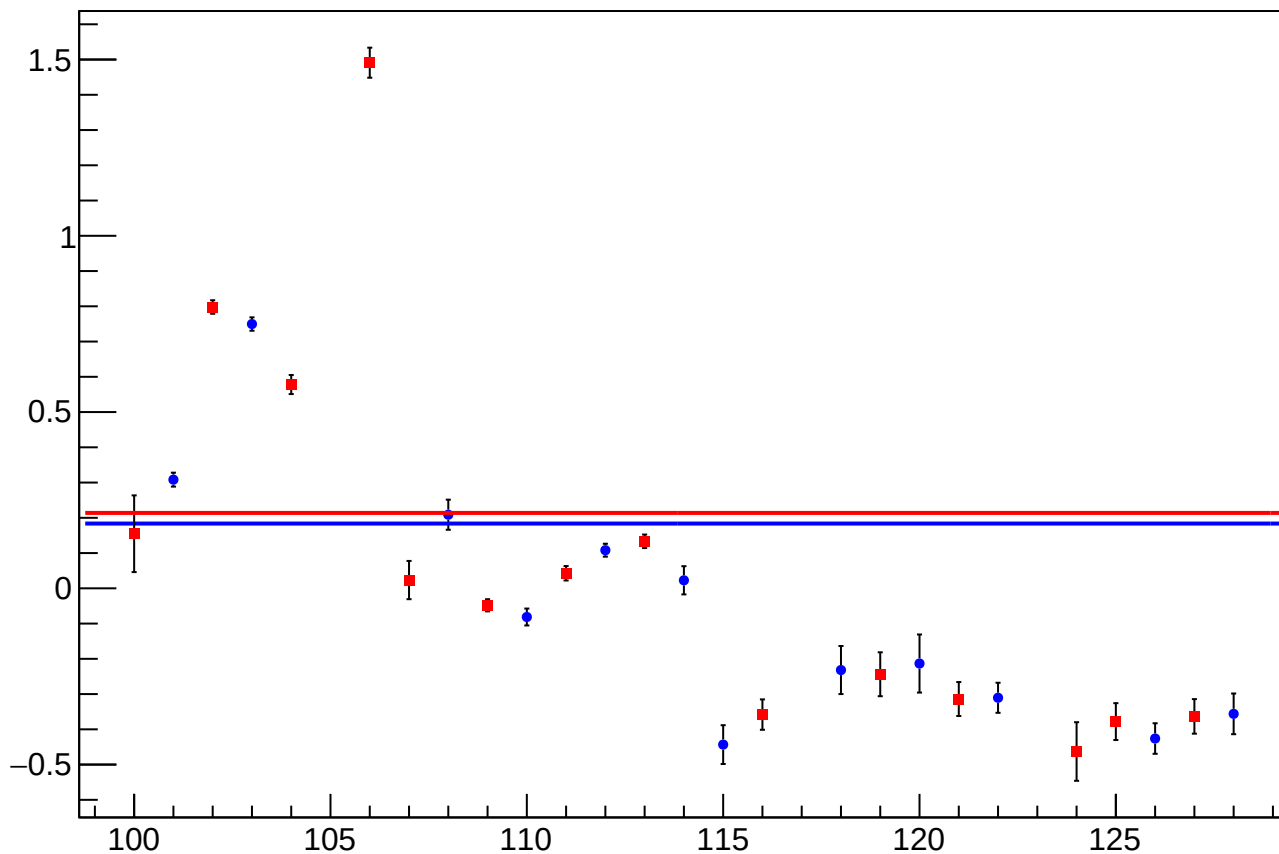
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.071 ± 0.101 χ^2/NDF : 1320.5/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: 0.184 $\pm$ 0.009 χ^2 /NDF: 1693.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.214 $\pm$ 0.008 χ^2 /NDF: 3020.4/13

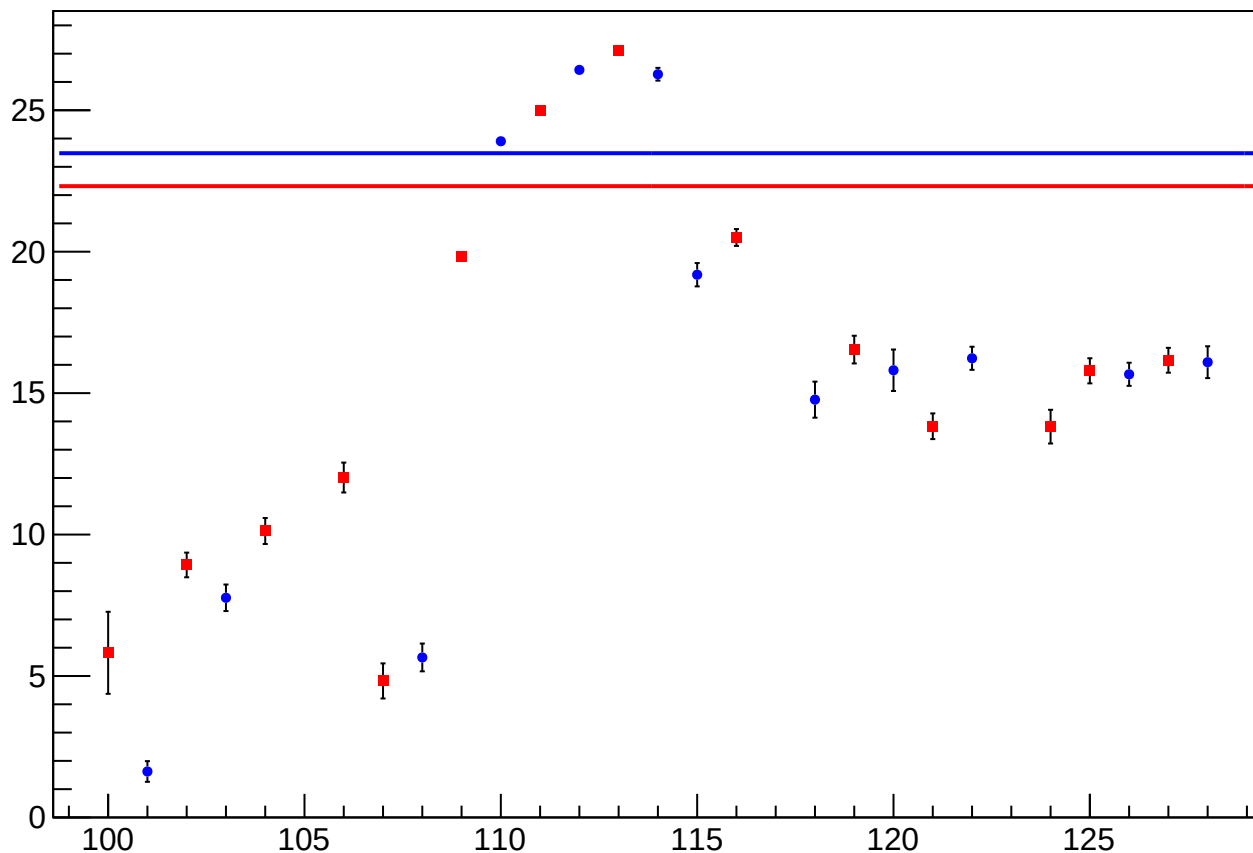
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.200 $\pm$ 0.006 χ^2 /NDF: 4720.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 23.481+/-0.060 χ^2/NDF : 8591.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.316+/-0.047 χ^2/NDF : 8361.9/13

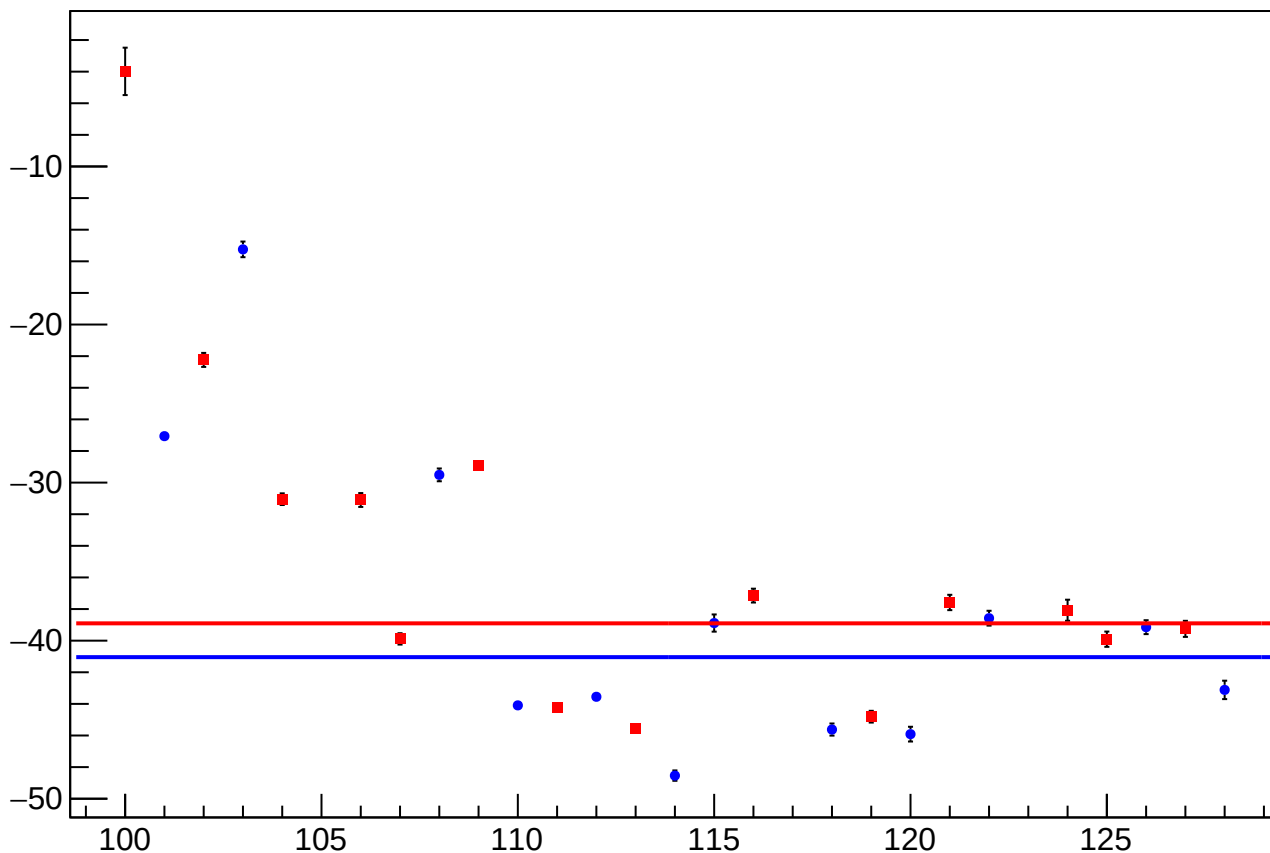
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.768+/-0.037 χ^2/NDF : 17187.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -41.043 ± 0.084 χ^2/NDF : 7230.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -38.905 ± 0.075 χ^2/NDF : 9687.2/13

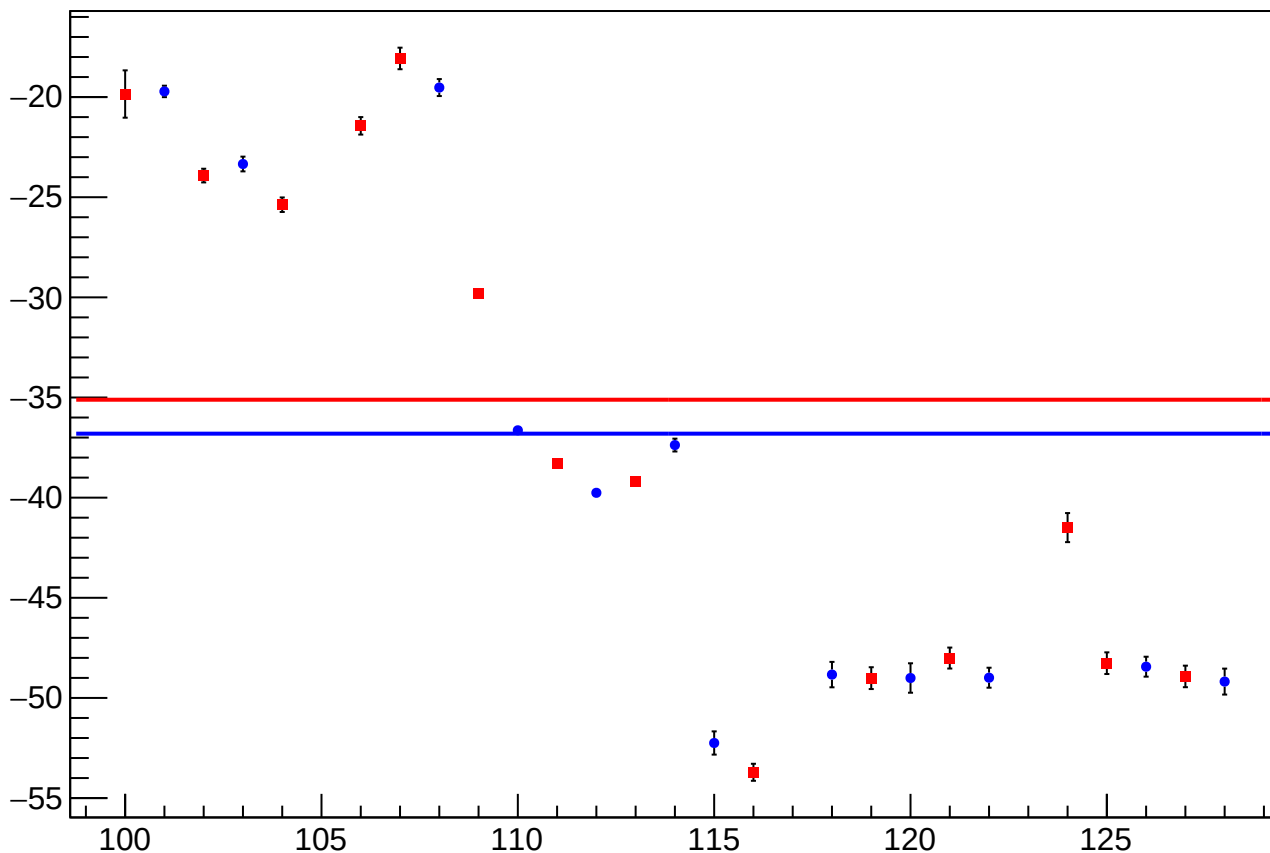
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.861 ± 0.056 χ^2/NDF : 17279.3/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -36.805 ± 0.080 χ^2/NDF : 9962.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.111 ± 0.067 χ^2/NDF : 11839.2/13

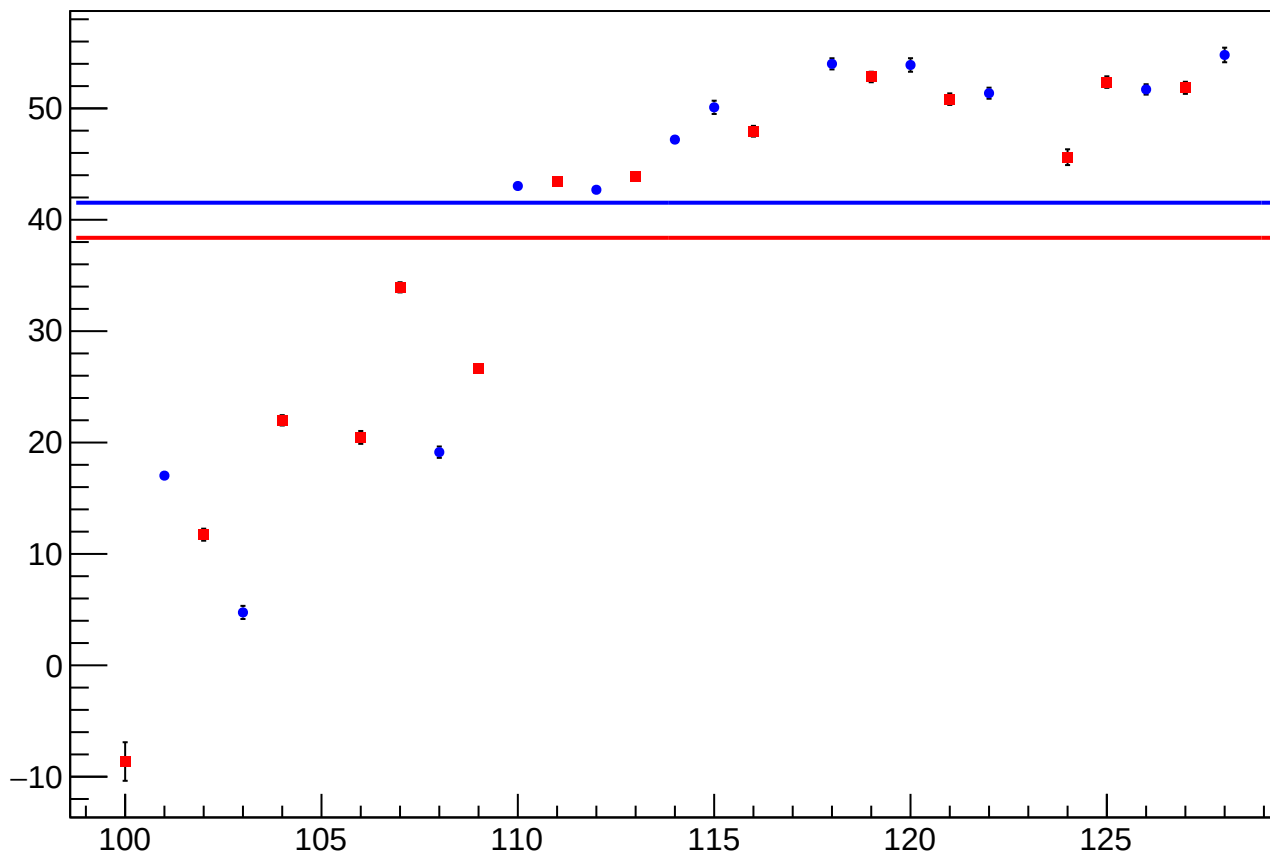
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.810 ± 0.051 χ^2/NDF : 22066.8/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 41.531+/-0.094 χ^2/NDF : 12892.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.380+/-0.083 χ^2/NDF : 15539.4/13

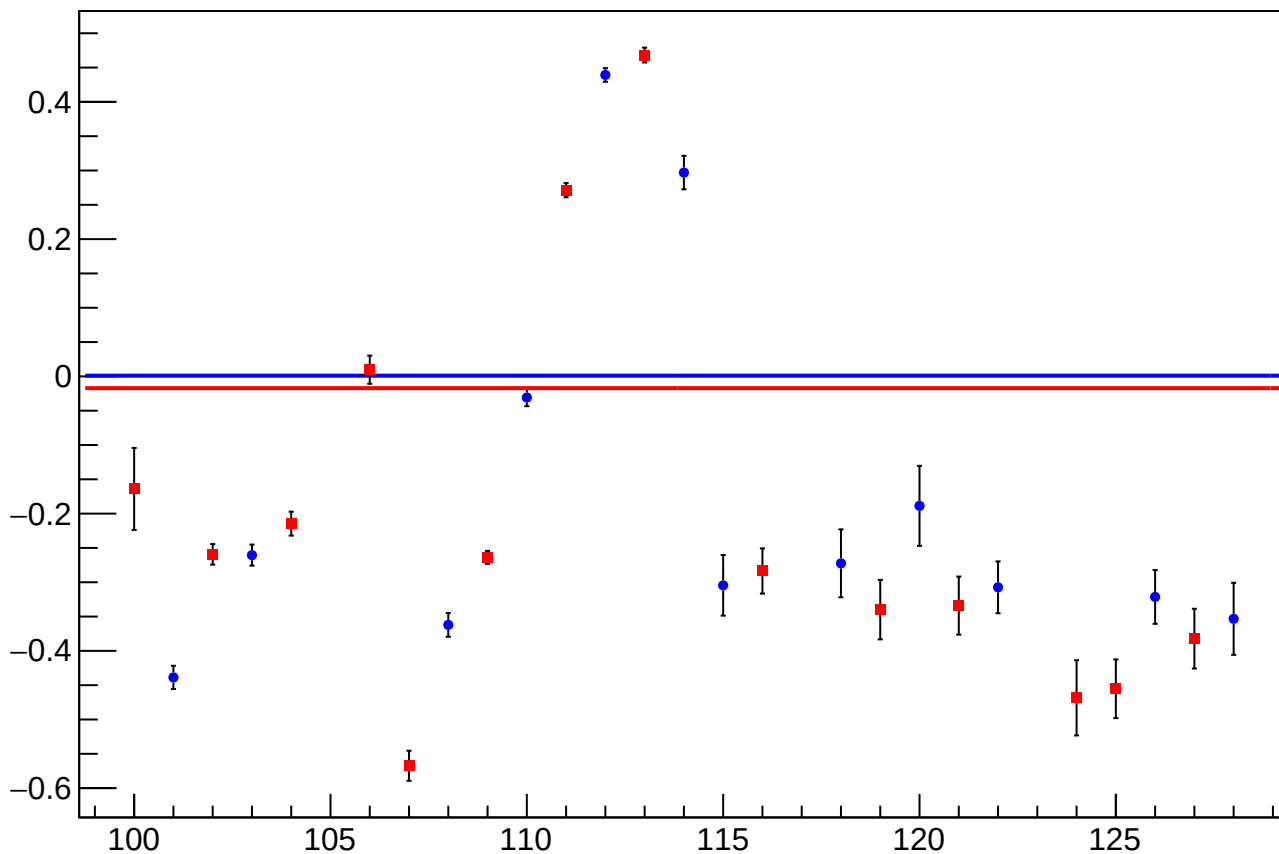
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.760+/-0.062 χ^2/NDF : 29063.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: 0.001 $\pm$ 0.006 χ^2 /NDF: 3765.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.017 $\pm$ 0.005 χ^2 /NDF: 4920.3/13

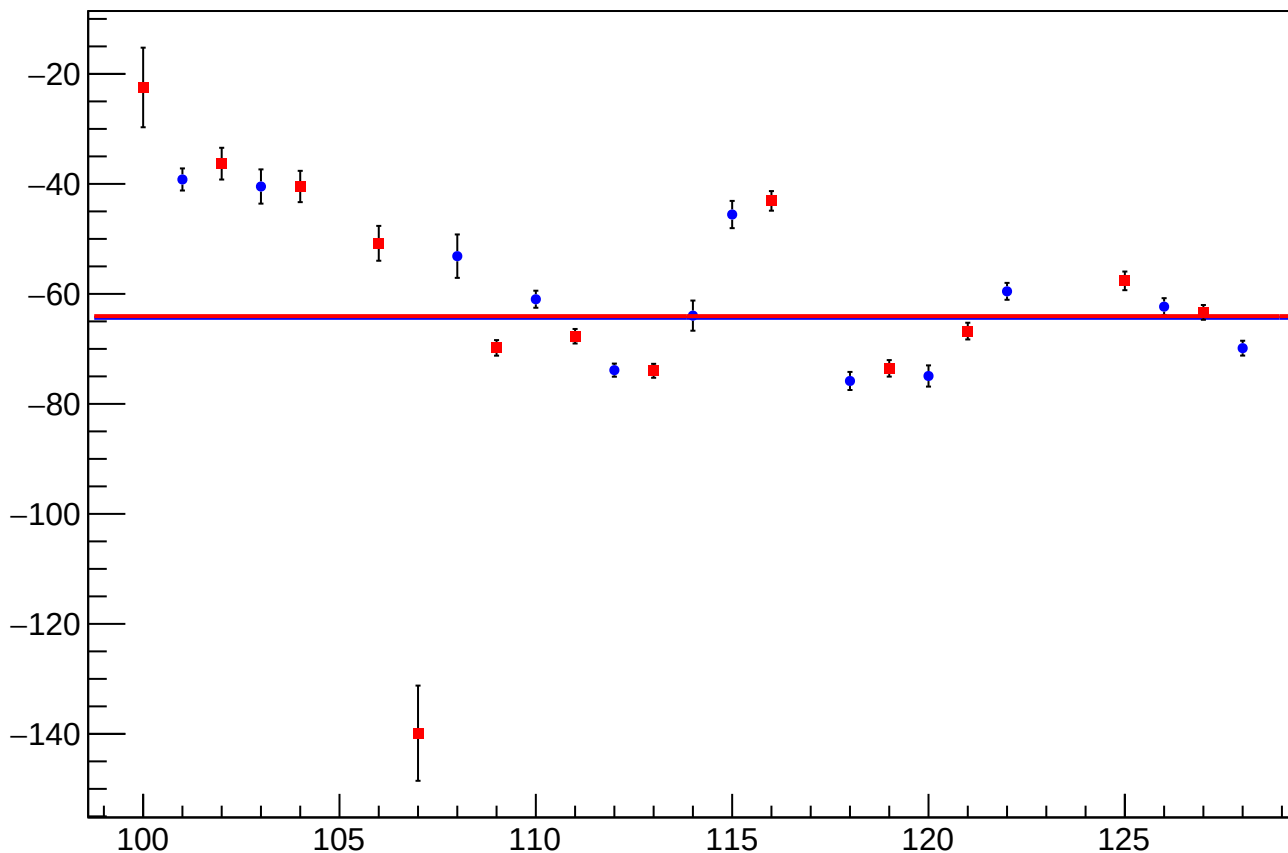
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.010 $\pm$ 0.004 χ^2 /NDF: 8691.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_diff_bpm1X_slope vs Slug



Right In: -64.347 $\pm$ 0.509 χ^2 /NDF: 456.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -64.042 $\pm$ 0.490 χ^2 /NDF: 569.8/12

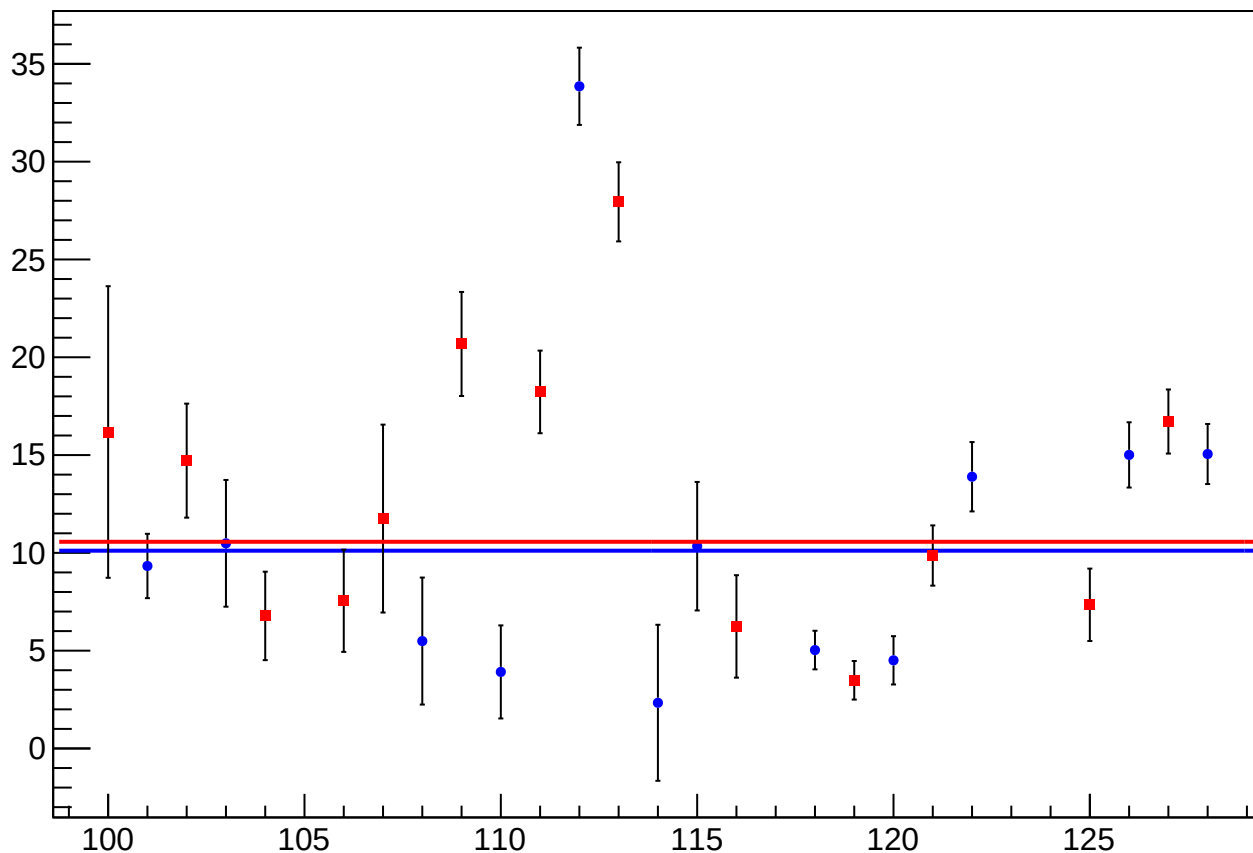
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -64.189 $\pm$ 0.353 χ^2 /NDF: 1026.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 10.111 $\pm$ 0.504 χ^2 /NDF: 228.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.567 $\pm$ 0.543 χ^2 /NDF: 179.8/12

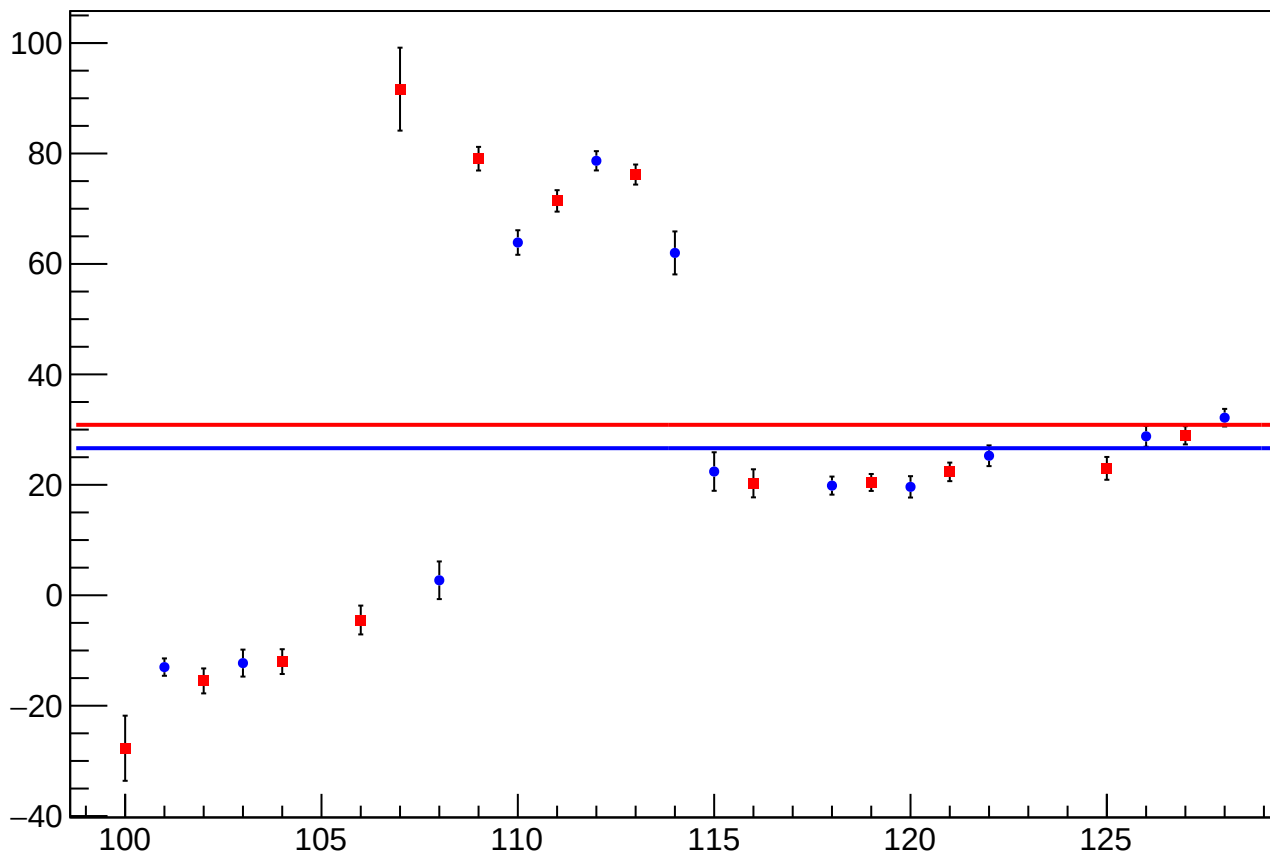
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.322 $\pm$ 0.370 χ^2 /NDF: 408.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 26.634+/-0.583 χ^2/NDF : 2235.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.866+/-0.586 χ^2/NDF : 2803.8/12

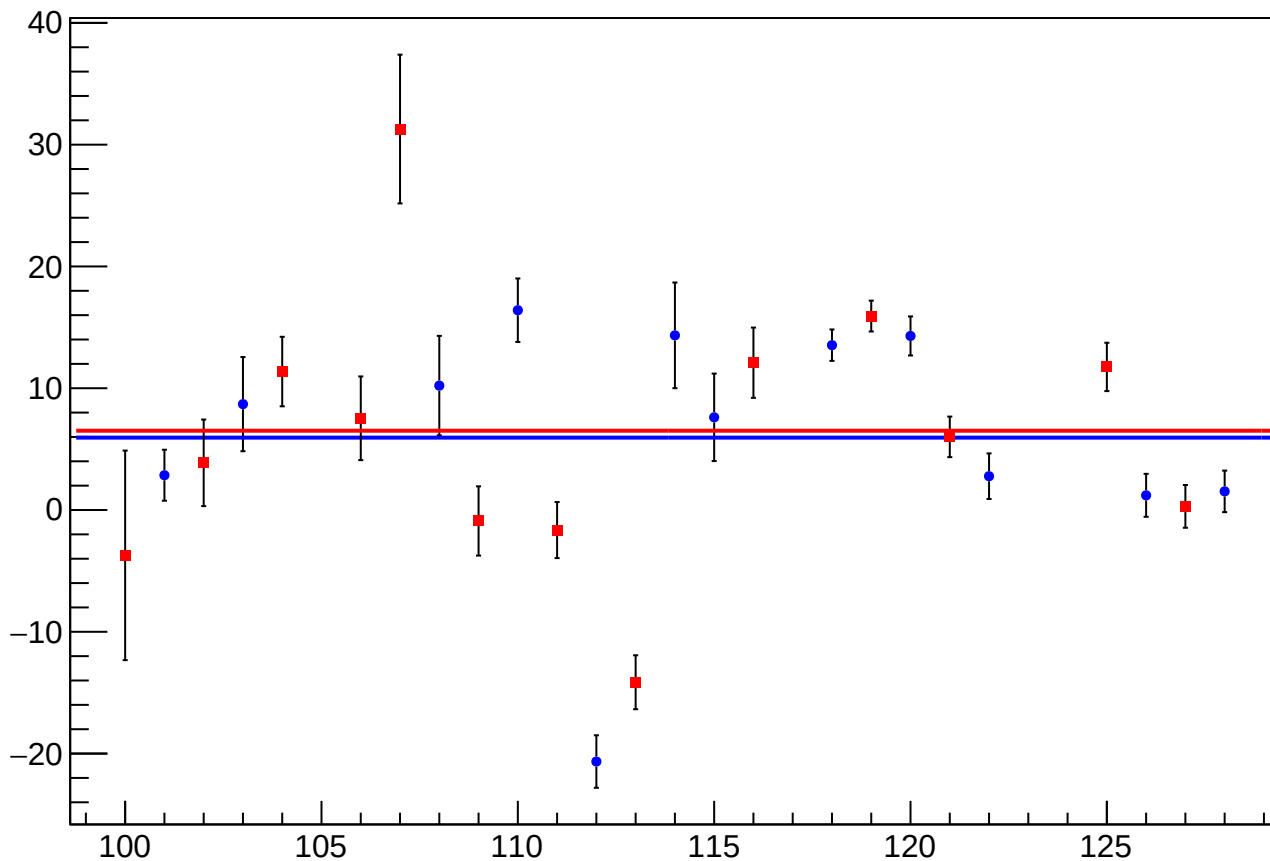
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.740+/-0.414 χ^2/NDF : 5065.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 5.944+/-0.599 χ^2/NDF : 254.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.512+/-0.629 χ^2/NDF : 206.4/12

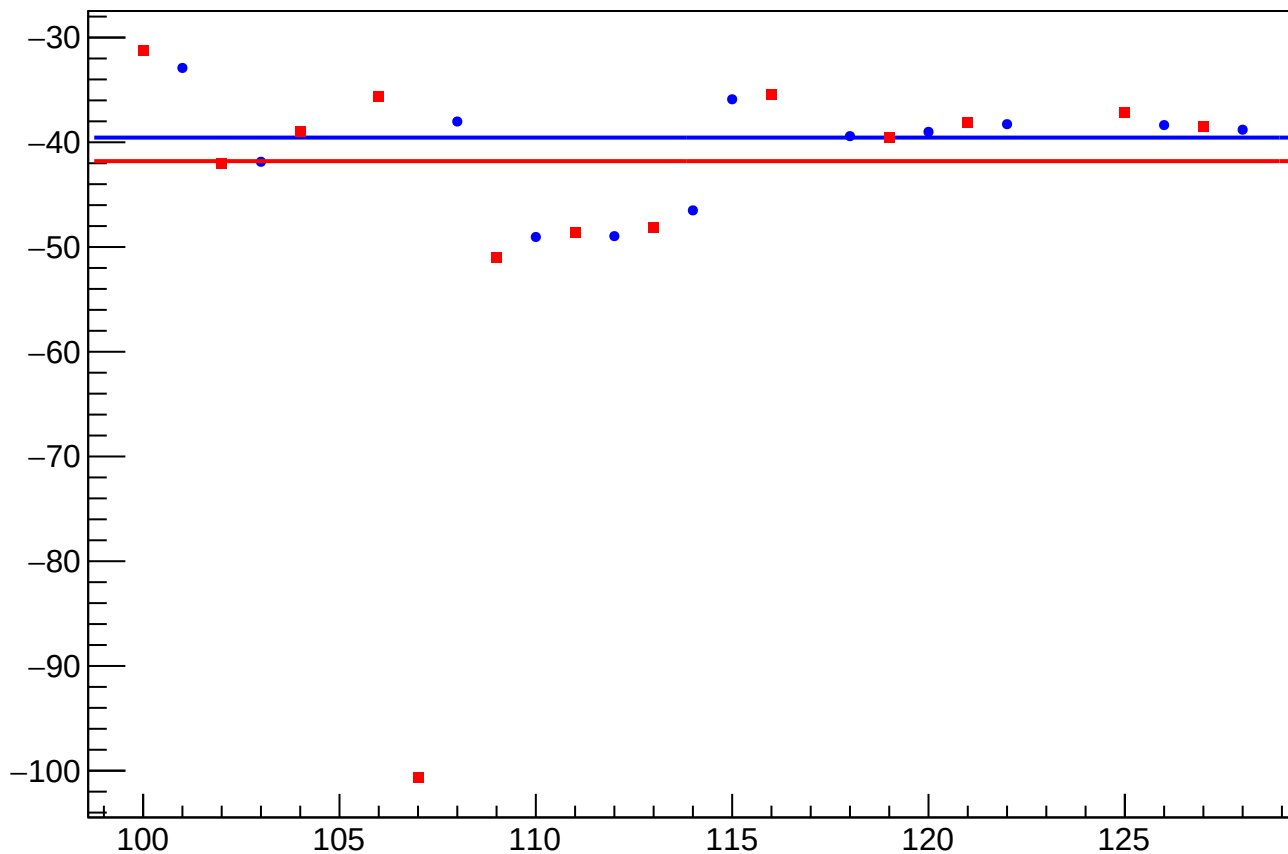
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.214+/-0.434 χ^2/NDF : 461.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.552 ± 0.040 χ^2/NDF : 13987.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -41.800 ± 0.039 χ^2/NDF : 52683.0/12

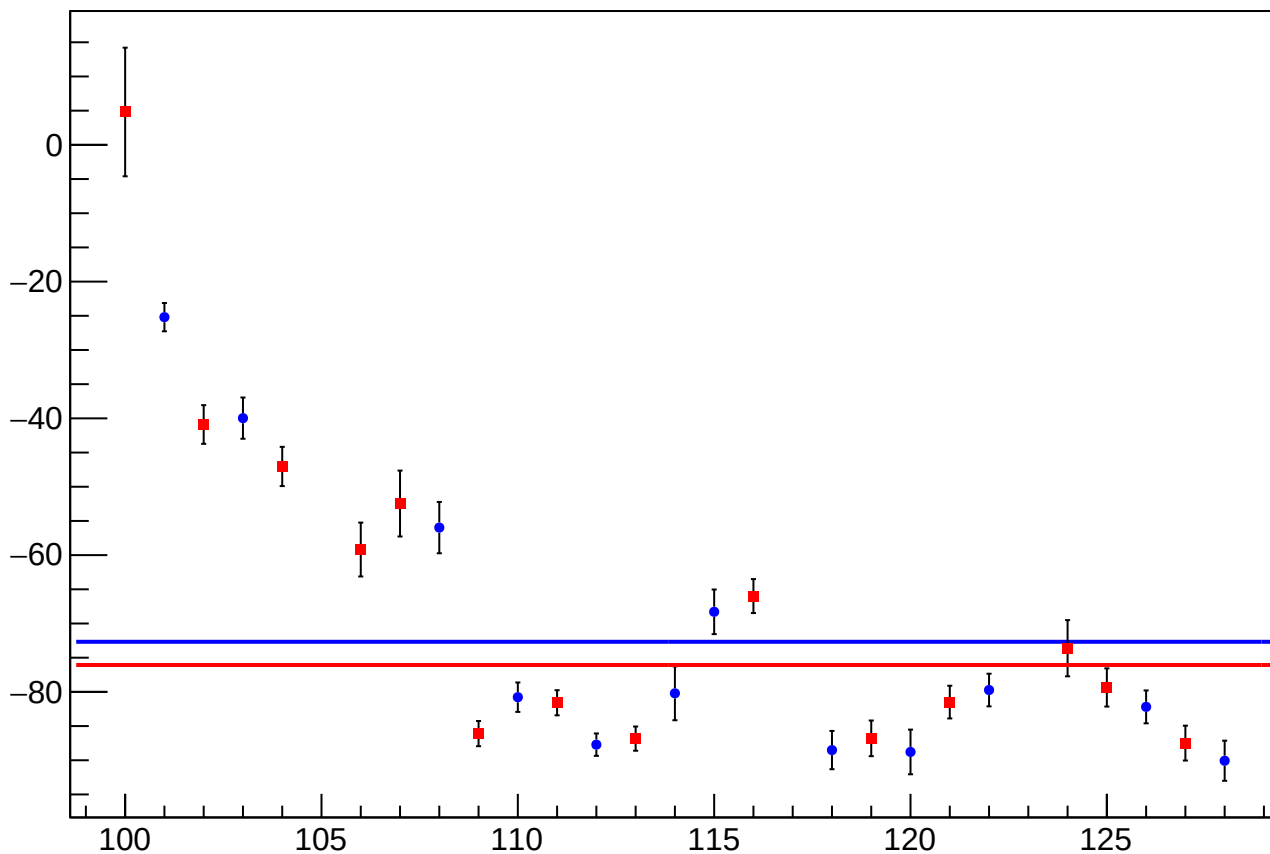
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.696 ± 0.028 χ^2/NDF : 68282.8/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm1X_slope vs Slug



Right In: -72.674 ± 0.736 χ^2/NDF : 883.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -76.068 ± 0.690 χ^2/NDF : 509.5/13

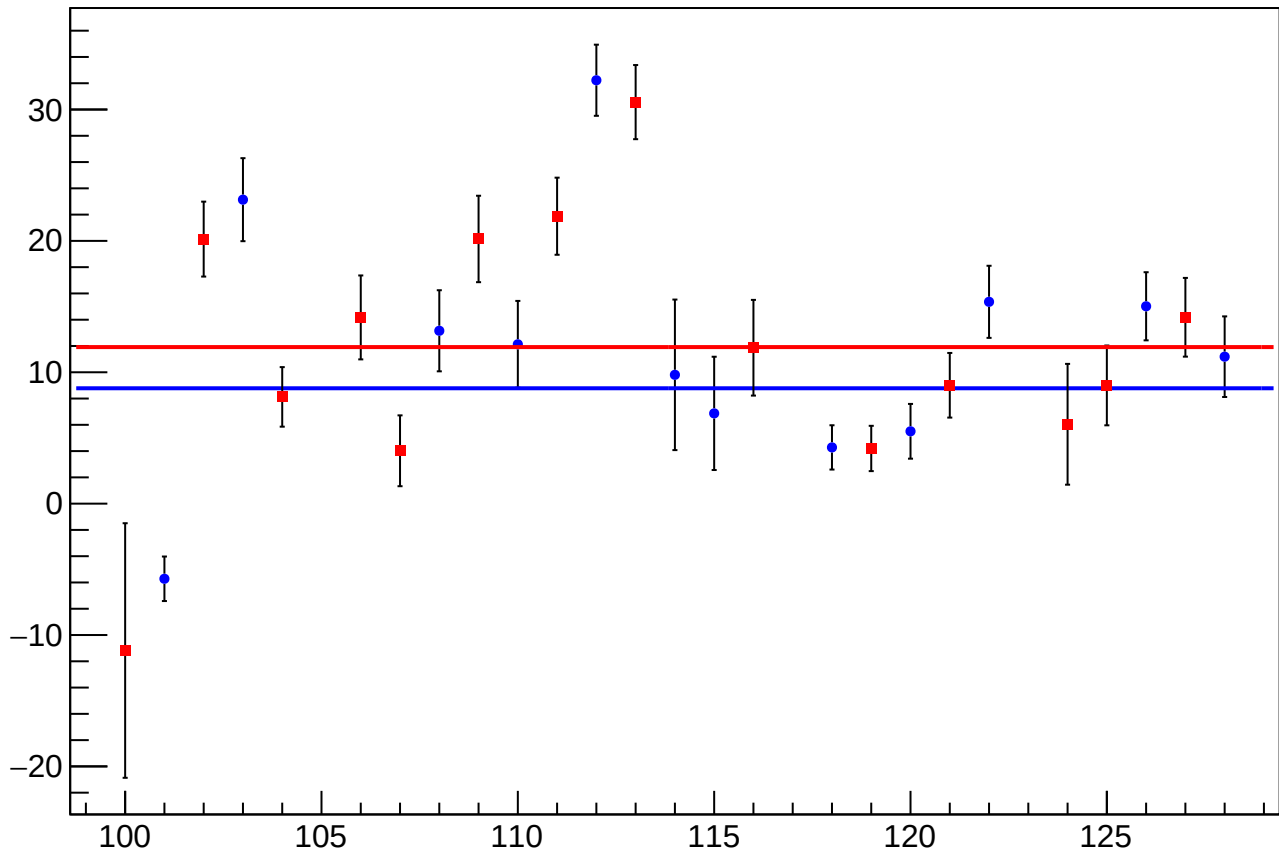
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -74.479 ± 0.503 χ^2/NDF : 1404.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 8.782 $\pm$ 0.738 χ^2 /NDF: 193.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.917 $\pm$ 0.758 χ^2 /NDF: 111.9/13

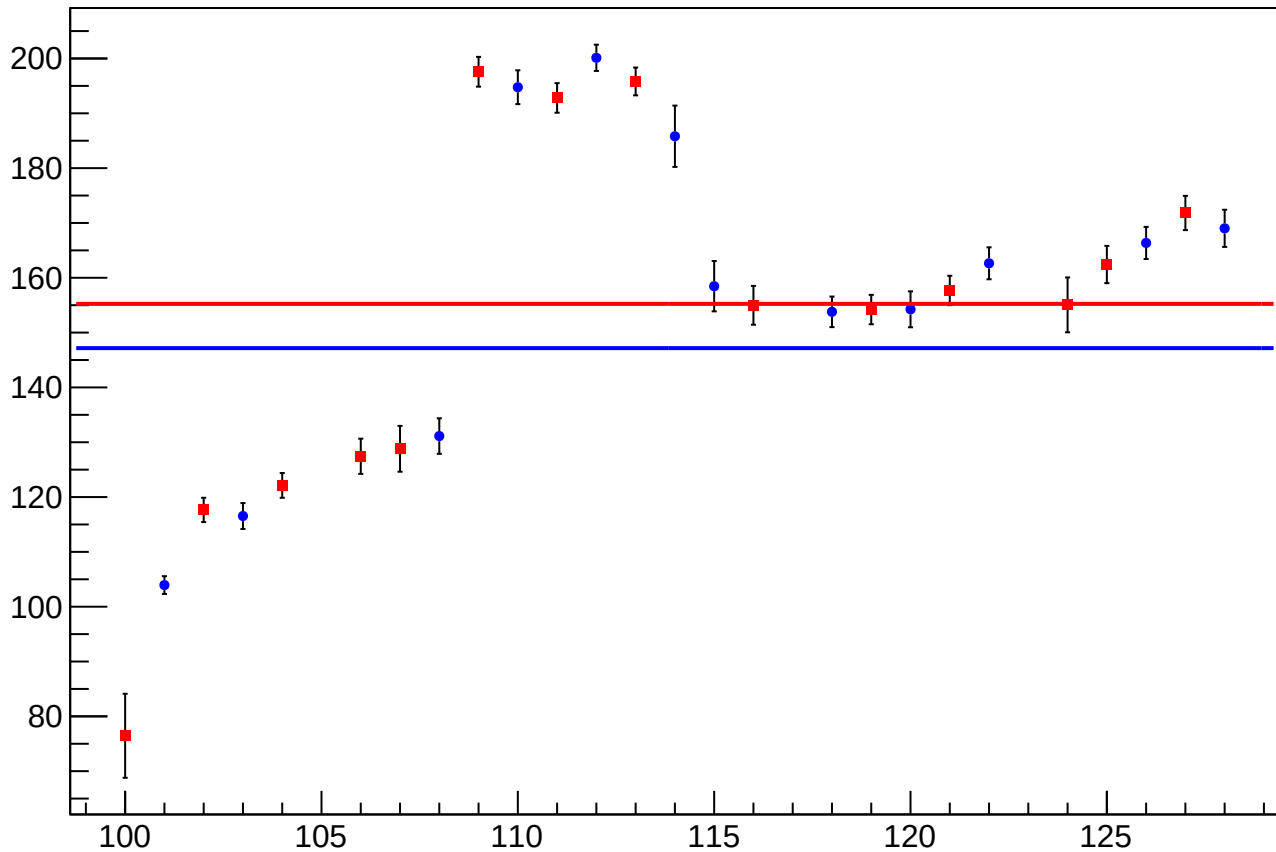
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.308 $\pm$ 0.529 χ^2 /NDF: 314.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 147.165 $\pm$ 0.801 χ^2 /NDF: 1807.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 155.242 $\pm$ 0.794 χ^2 /NDF: 1449.1/13

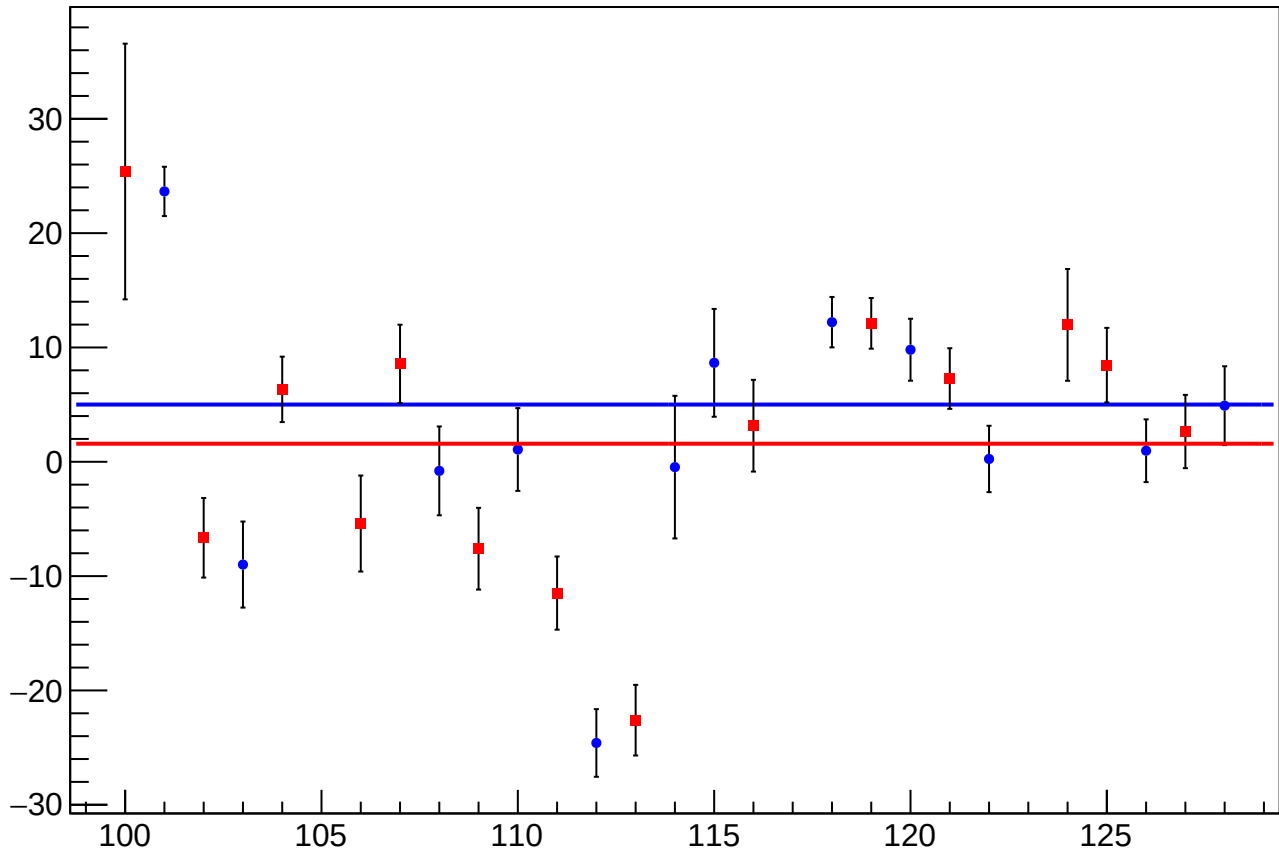
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 151.241 $\pm$ 0.564 χ^2 /NDF: 3307.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 5.006+/-0.880 χ^2/NDF : 212.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.580+/-0.885 χ^2/NDF : 140.7/13

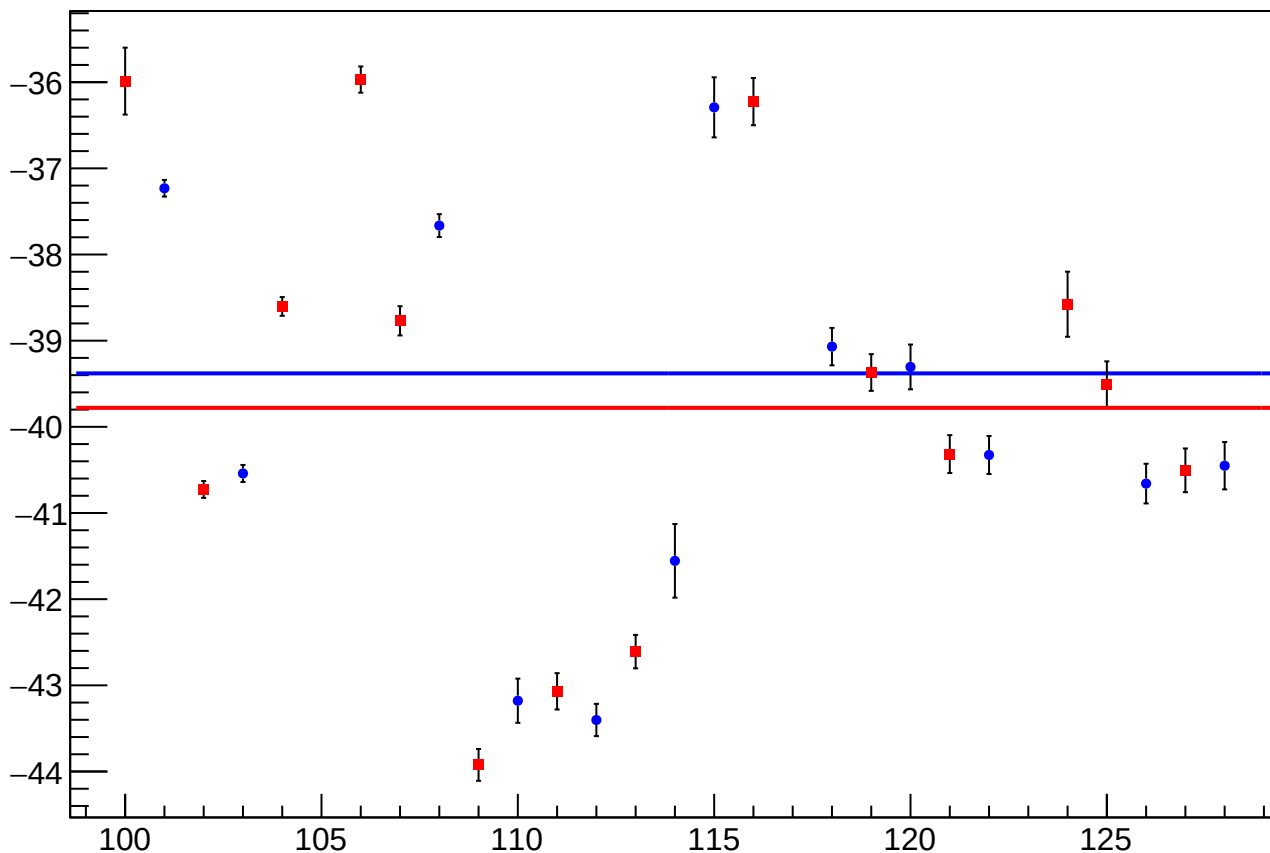
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.302+/-0.624 χ^2/NDF : 360.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -39.380 ± 0.049 $\chi^2/\text{NDF}: 1650.6/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -39.779 ± 0.047 $\chi^2/\text{NDF}: 2124.2/13$

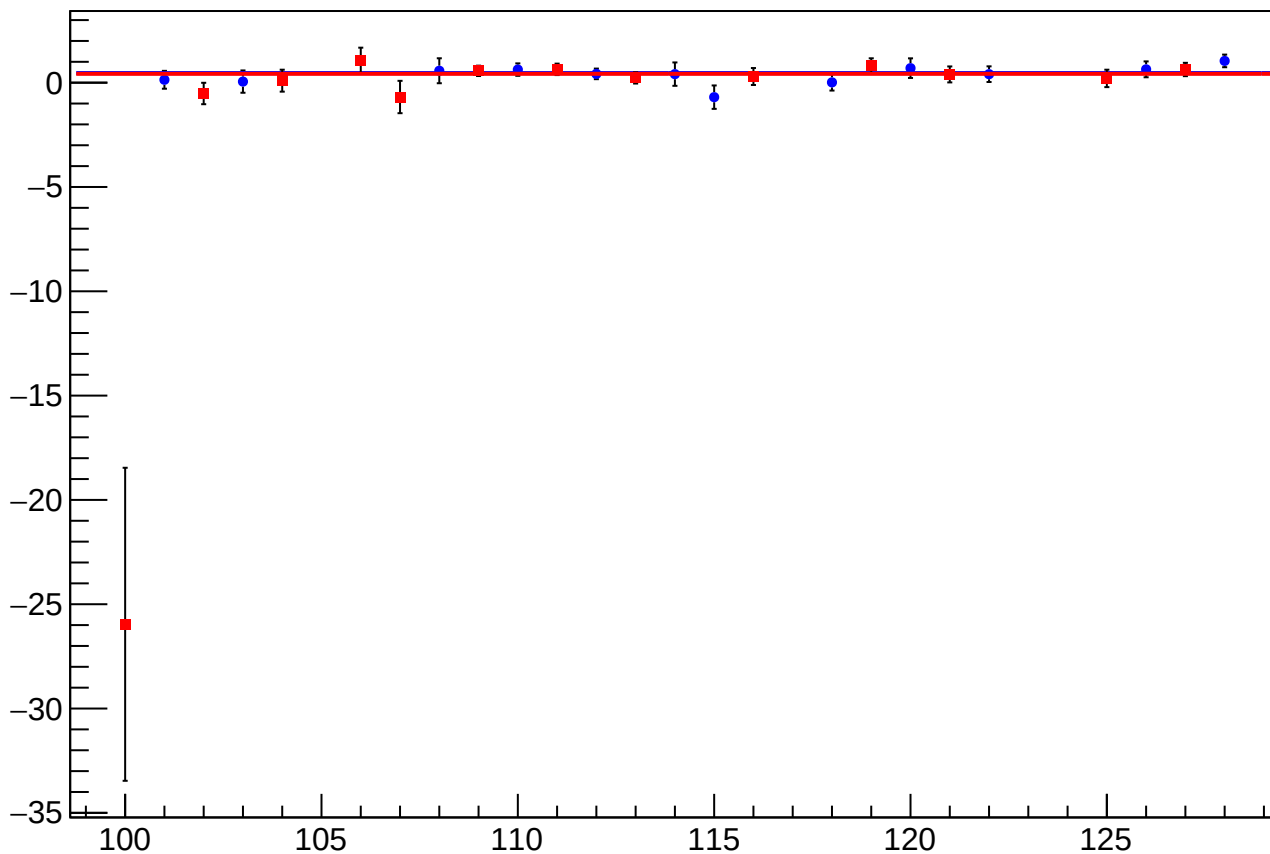
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -39.587 ± 0.034 $\chi^2/\text{NDF}: 3809.0/25$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: 0.460 $\pm$ 0.111 χ^2 /NDF: 11.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.424 $\pm$ 0.105 χ^2 /NDF: 22.8/12

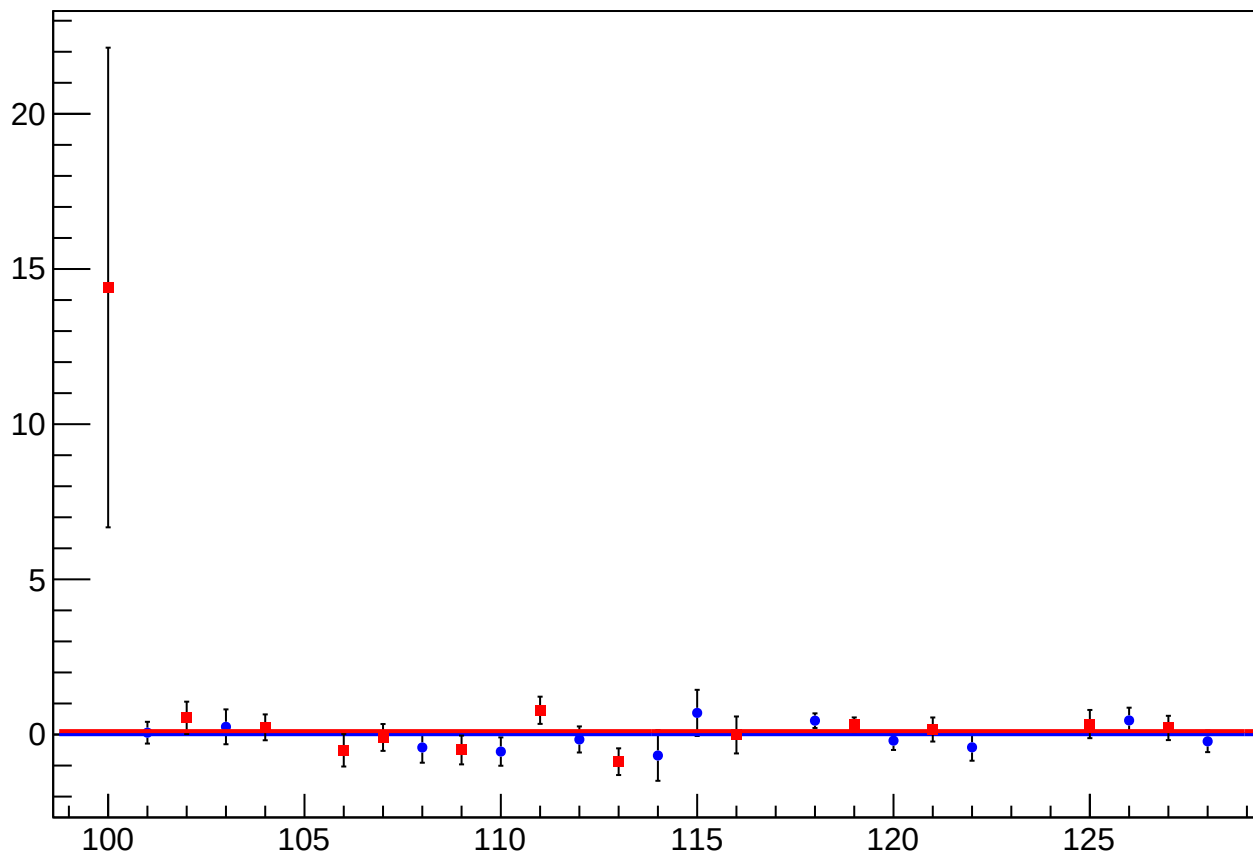
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.441 $\pm$ 0.076 χ^2 /NDF: 34.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.010 $\pm$ 0.113 χ^2 /NDF: 10.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.110 $\pm$ 0.117 χ^2 /NDF: 16.2/12

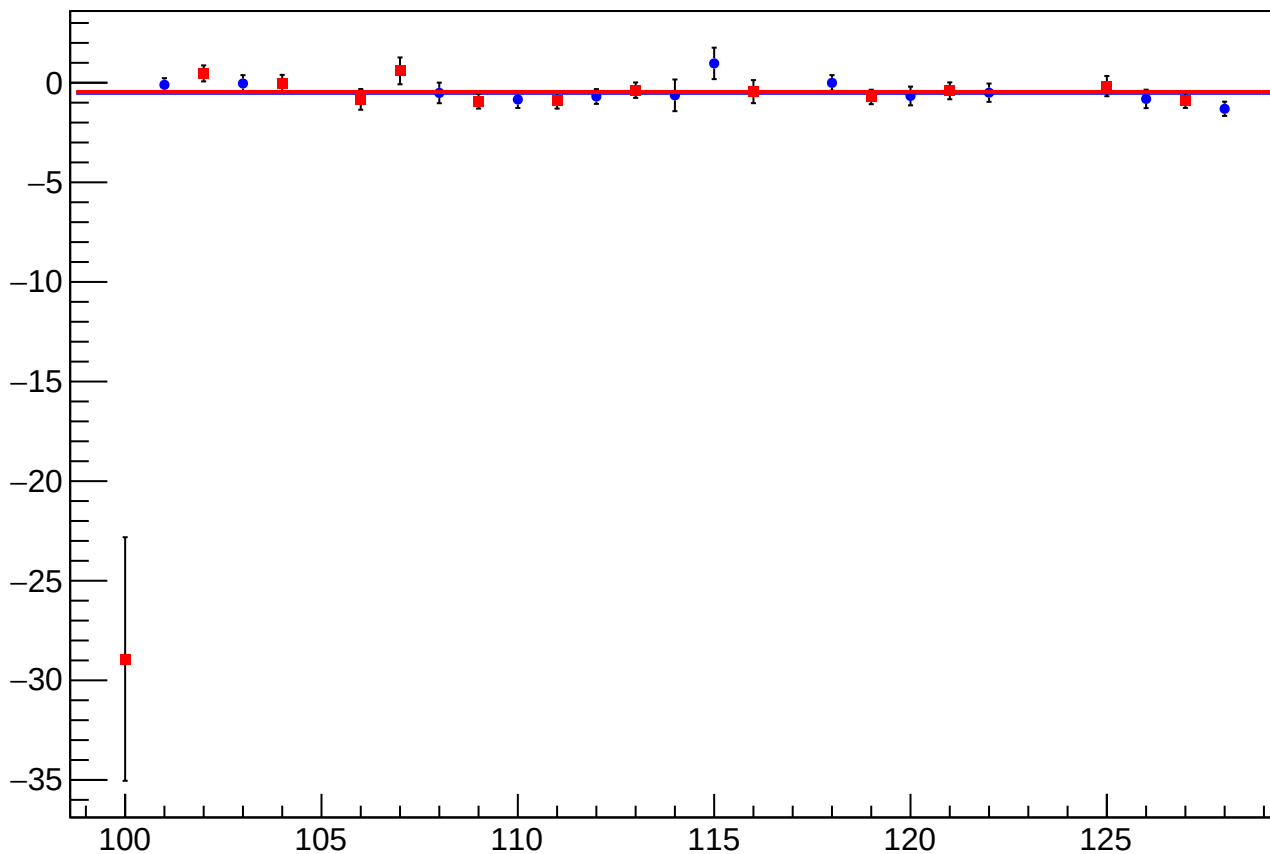
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.058 $\pm$ 0.082 χ^2 /NDF: 27.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: -0.504 ± 0.126 $\chi^2/\text{NDF}: 14.3/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.462 ± 0.124 $\chi^2/\text{NDF}: 35.9/12$

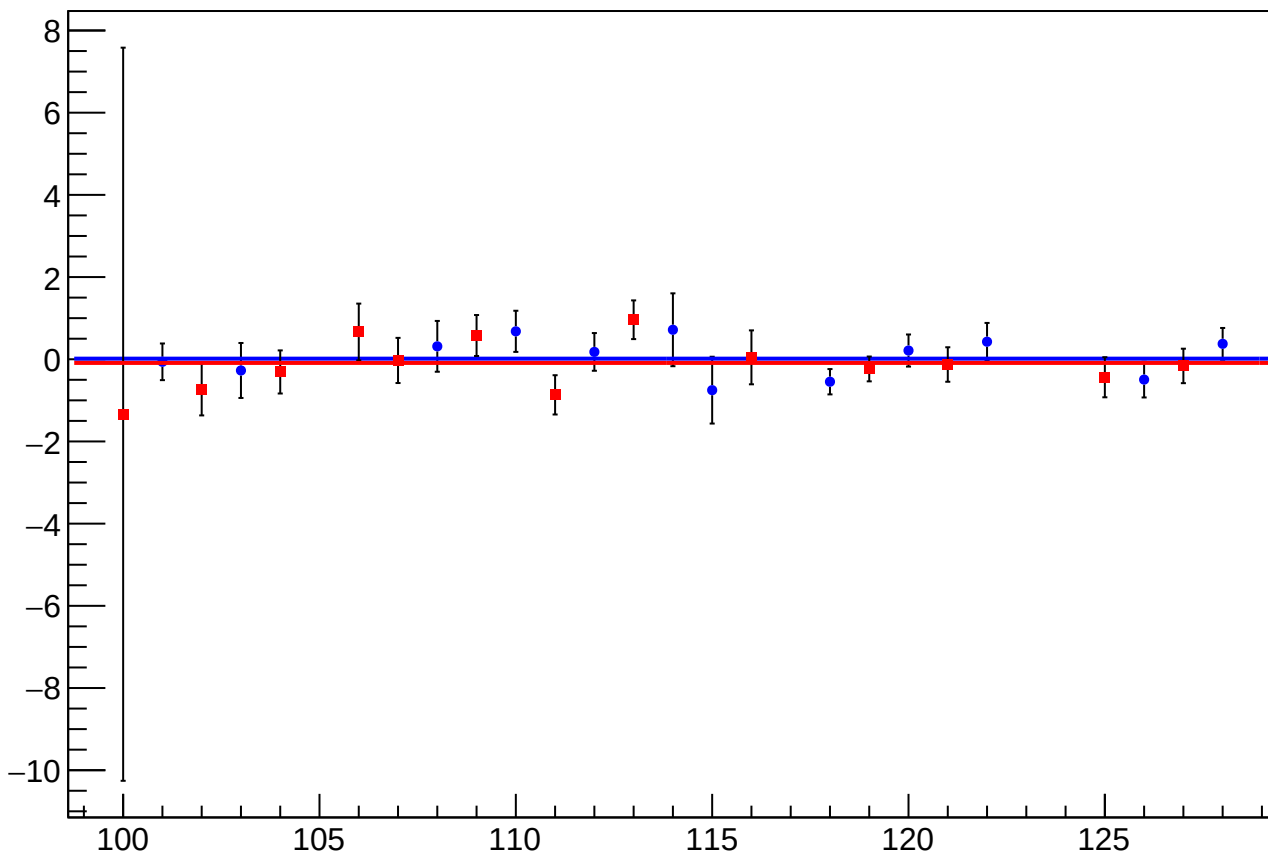
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.483 ± 0.089 $\chi^2/\text{NDF}: 50.2/24$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: 0.015 $\pm$ 0.134 χ^2 /NDF: 10.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.089 $\pm$ 0.137 χ^2 /NDF: 12.7/12

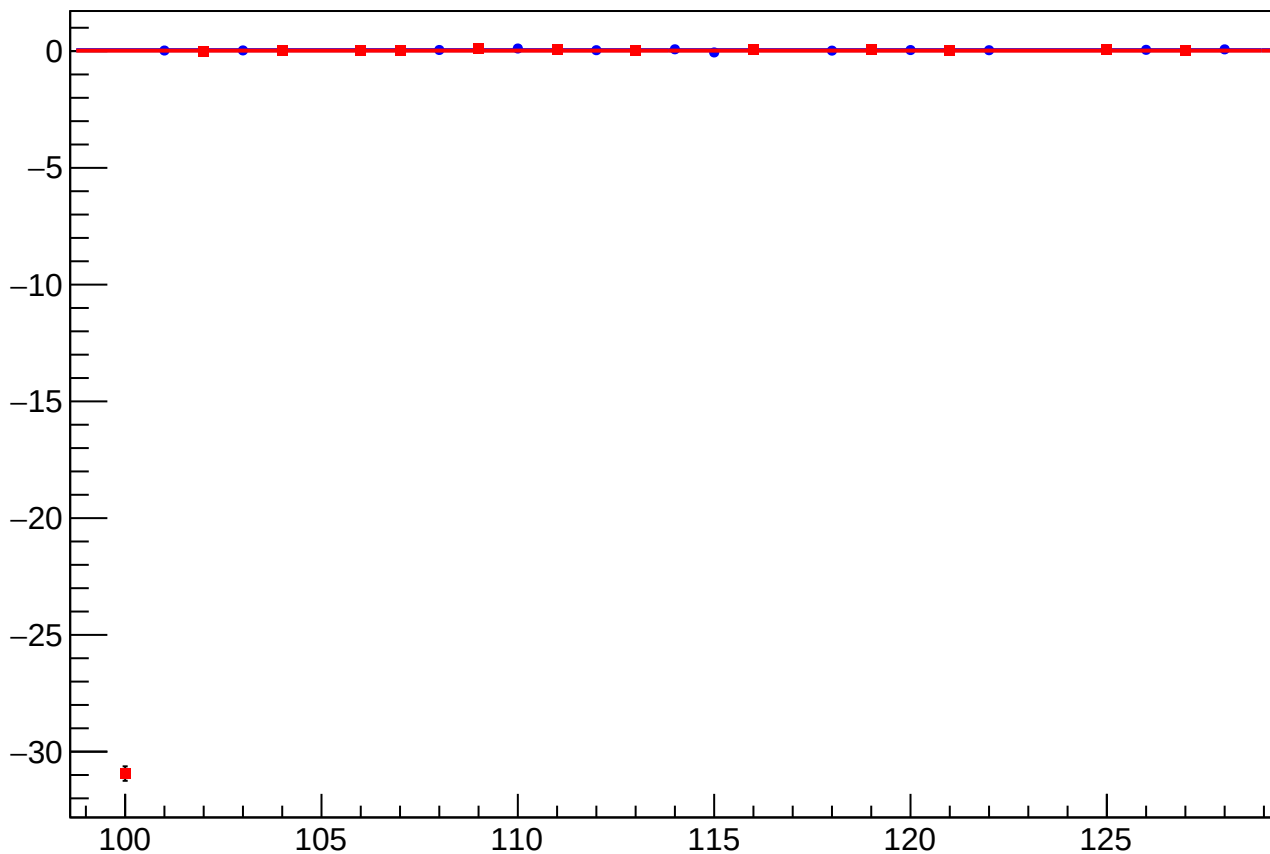
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.036 $\pm$ 0.096 χ^2 /NDF: 23.5/24

- sign 0.000 $\pm$ 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 : 10.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.008 χ^2/NDF : 10010.2/12

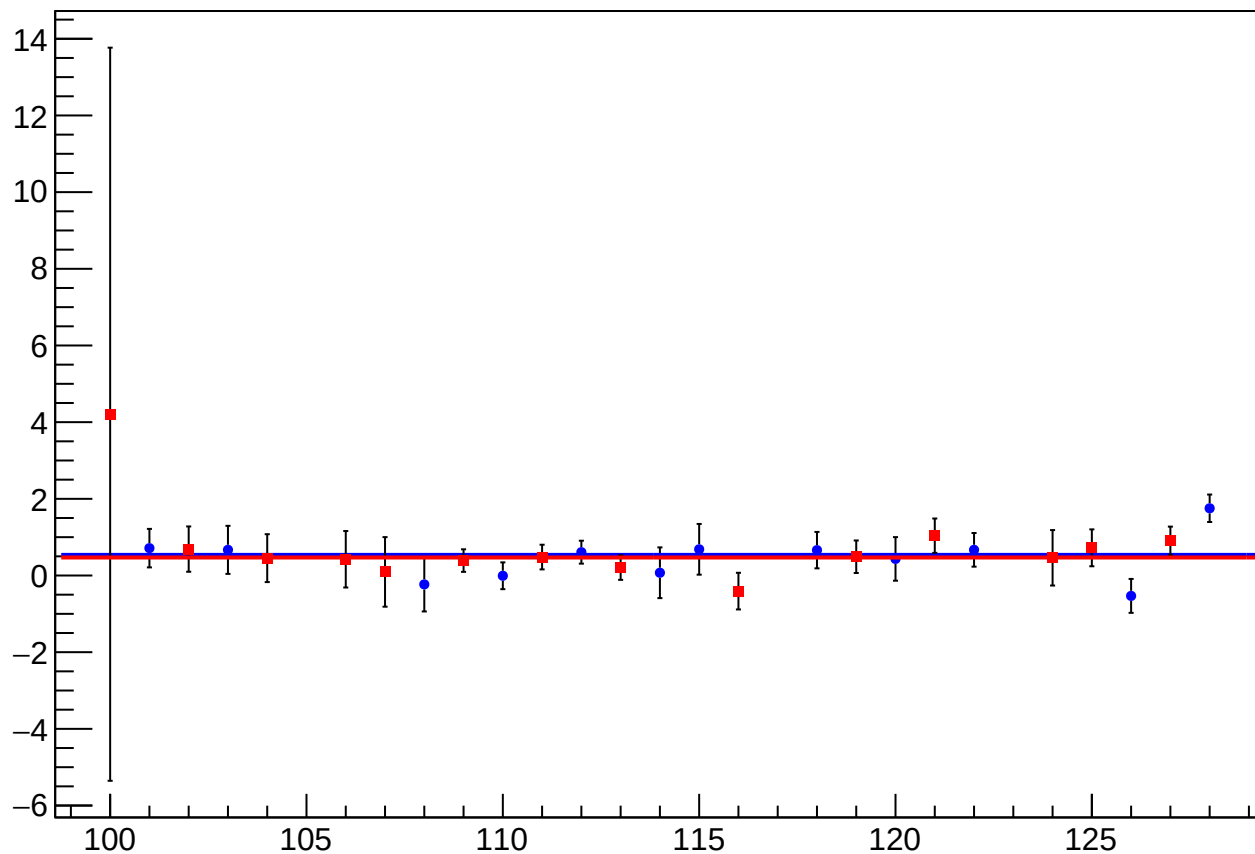
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.006 χ^2/NDF : 10023.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_dsr_diff_bpm1X_slope vs Slug



Right In: 0.538 $\pm$ 0.131 χ^2 /NDF: 22.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.469 $\pm$ 0.121 χ^2 /NDF: 7.8/13

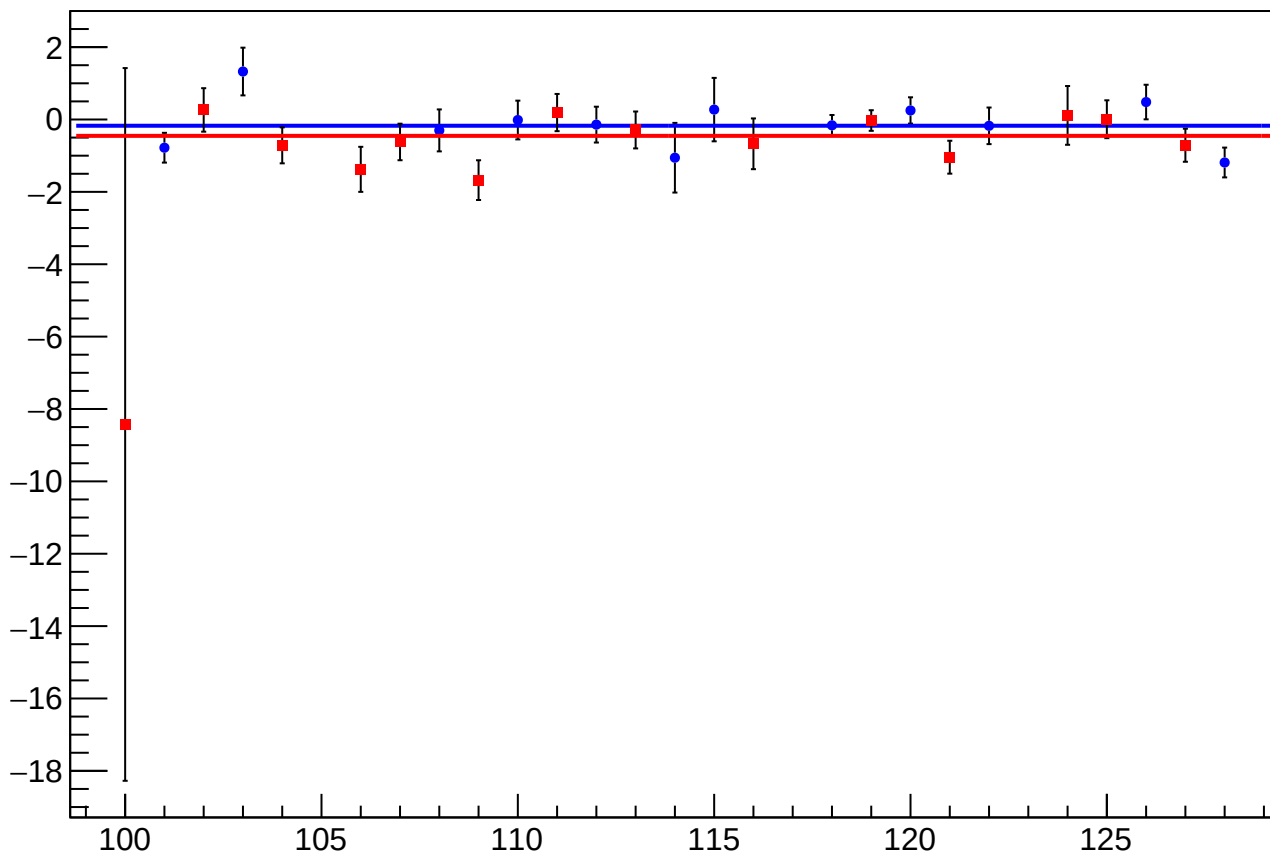
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.501 $\pm$ 0.089 χ^2 /NDF: 29.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.173 ± 0.135 χ^2/NDF : 17.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.452 ± 0.137 χ^2/NDF : 16.9/13

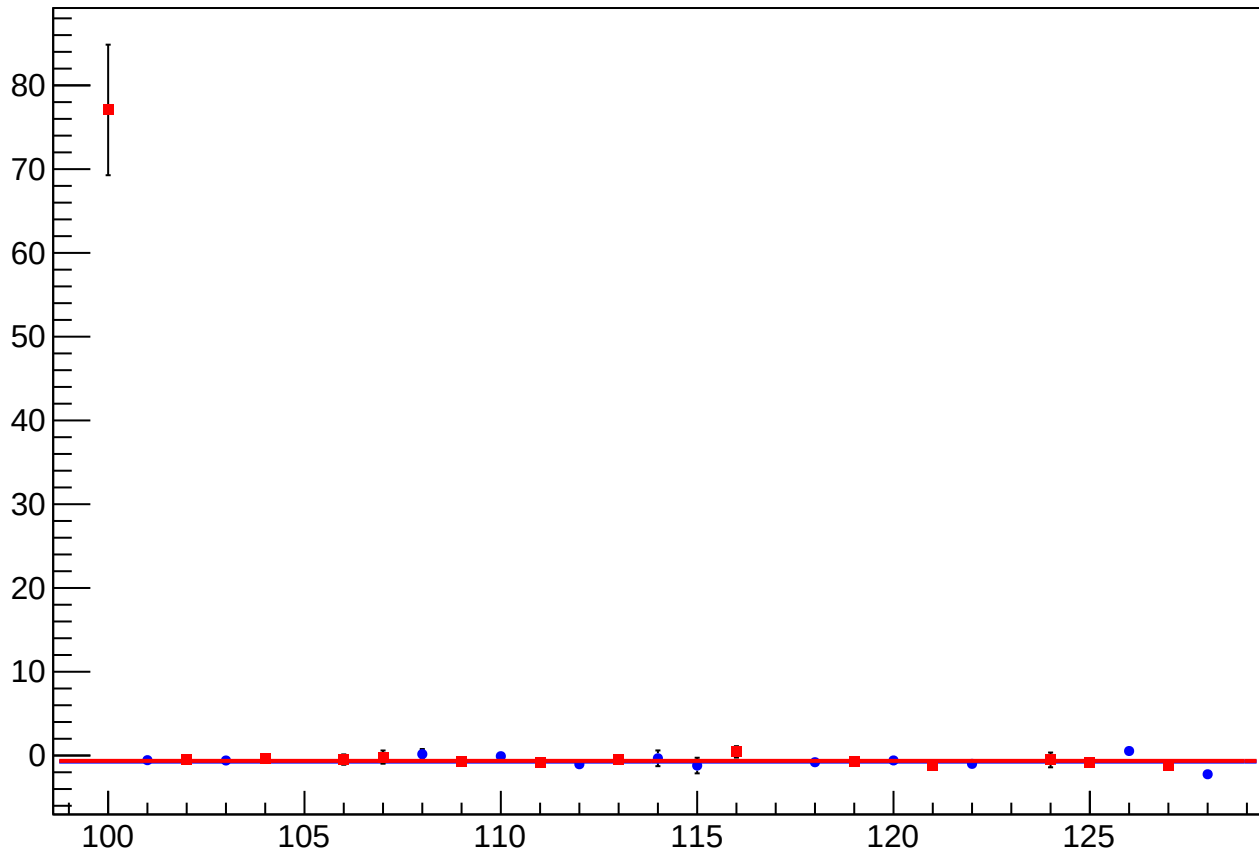
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.310 ± 0.096 χ^2/NDF : 36.9/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.727 ± 0.149 χ^2/NDF : 23.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.638 ± 0.145 χ^2/NDF : 106.4/13

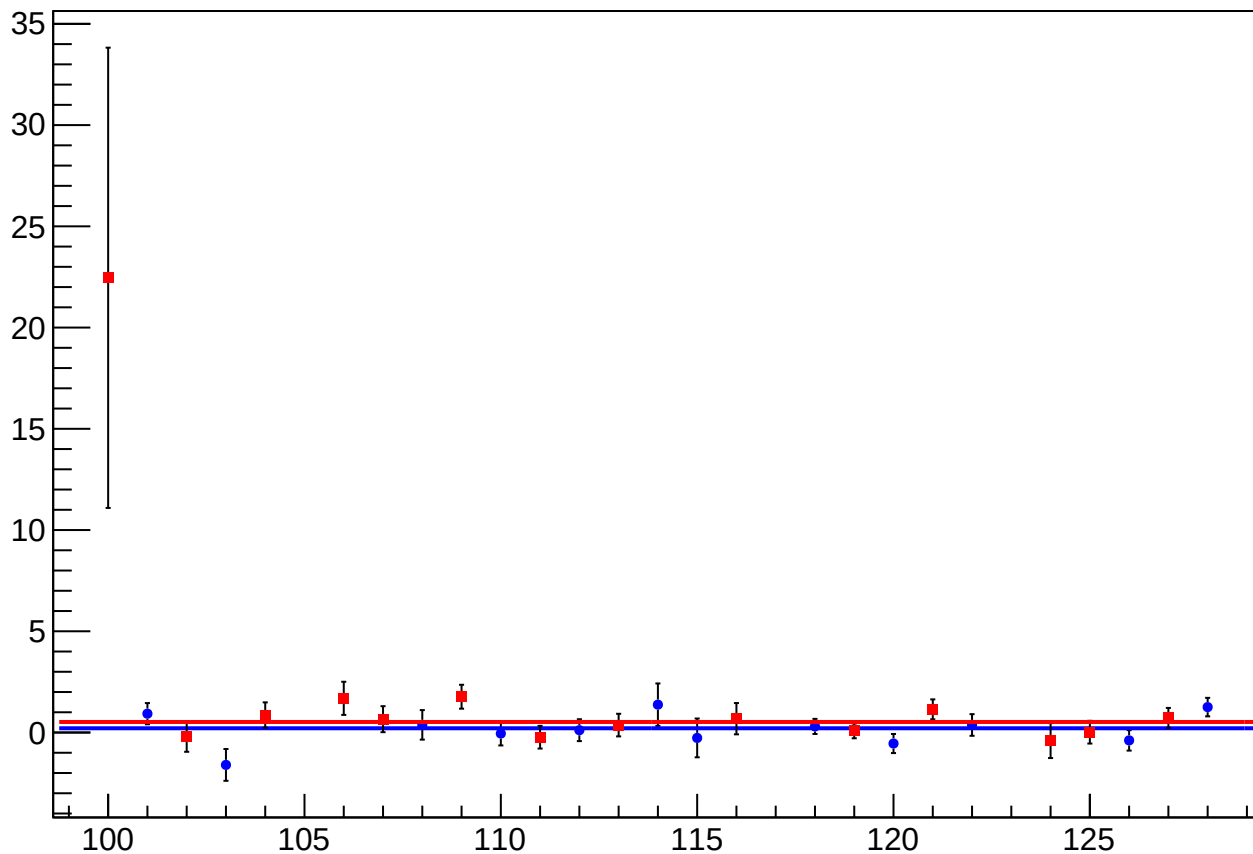
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.681 ± 0.104 χ^2/NDF : 130.2/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.209 ± 0.159 χ^2/NDF : 18.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.521 ± 0.159 χ^2/NDF : 18.7/13

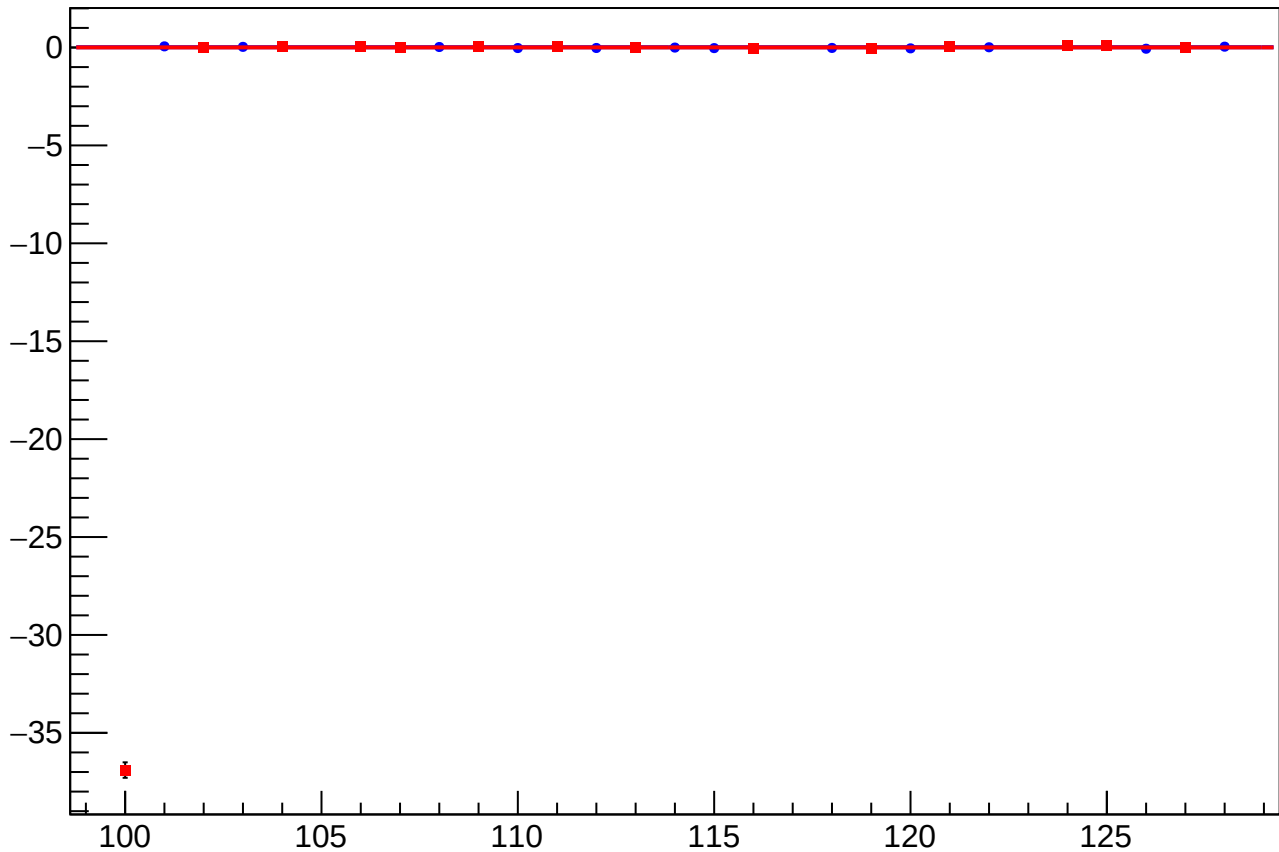
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.366 ± 0.113 χ^2/NDF : 38.9/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.014+/-0.010 χ^2/NDF : 13.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.009 χ^2/NDF : 8749.9/13

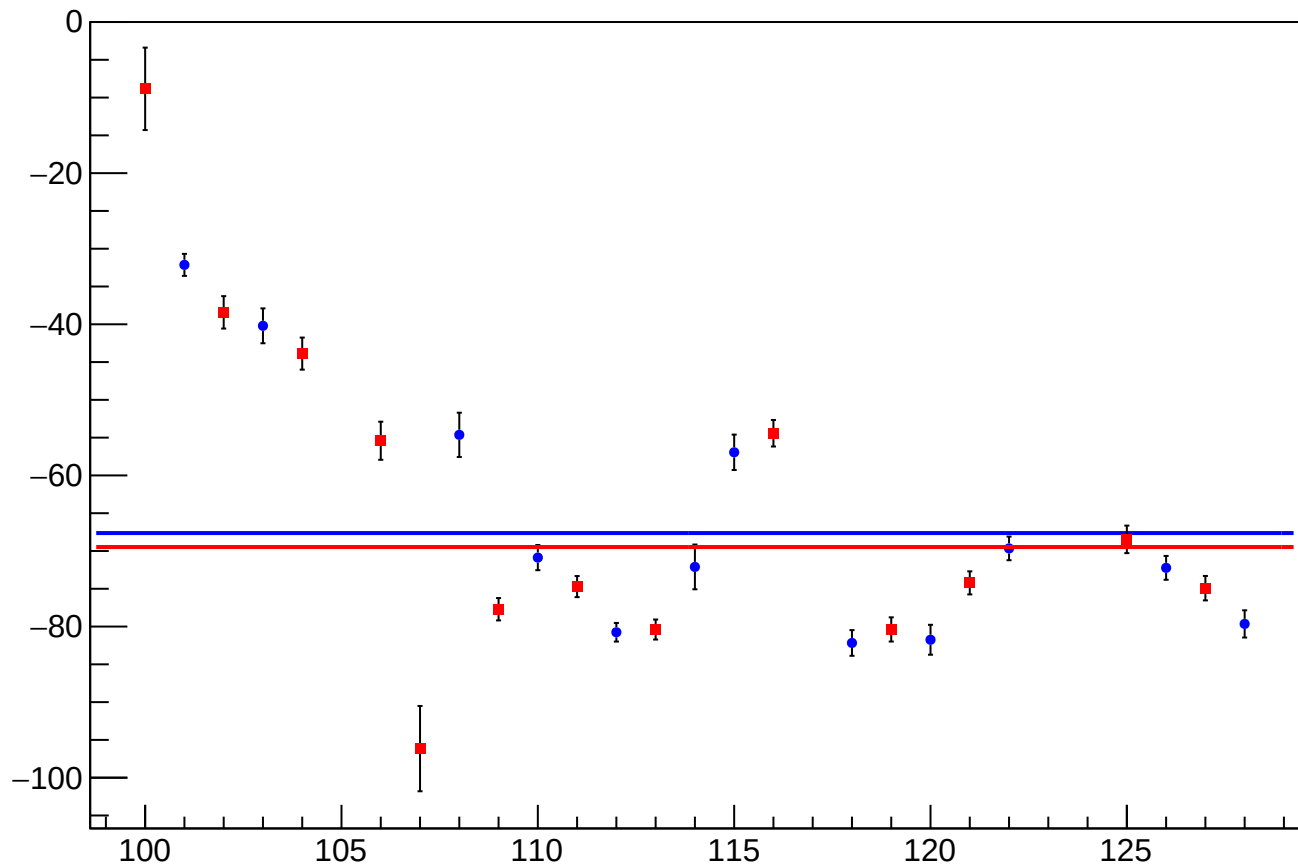
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.007 χ^2/NDF : 8764.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_diff_bpm1X_slope vs Slug



Right In: -67.627 ± 0.512 χ^2/NDF : 1073.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -69.476 ± 0.498 χ^2/NDF : 786.6/12

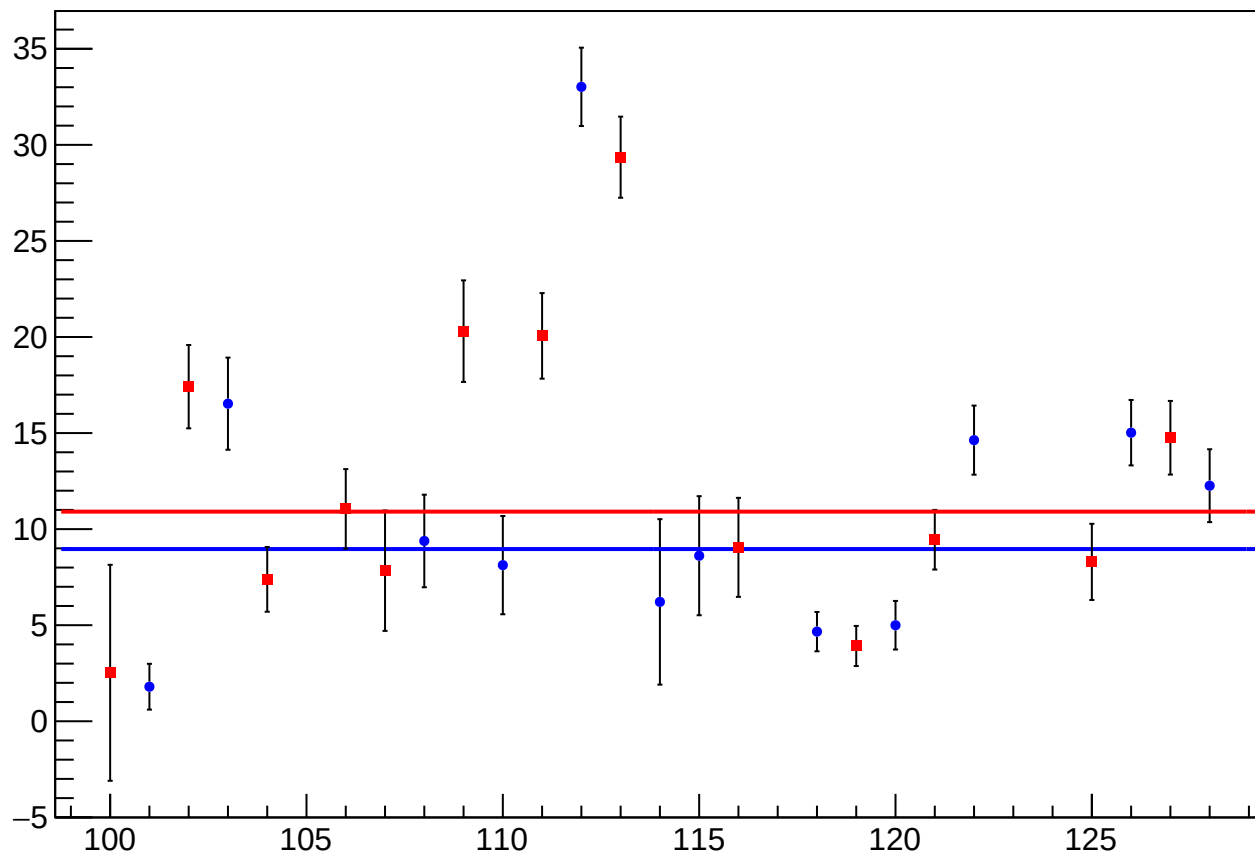
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -68.578 ± 0.357 χ^2/NDF : 1867.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 8.963+/-0.493 χ^2/NDF : 238.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.911+/-0.534 χ^2/NDF : 174.5/12

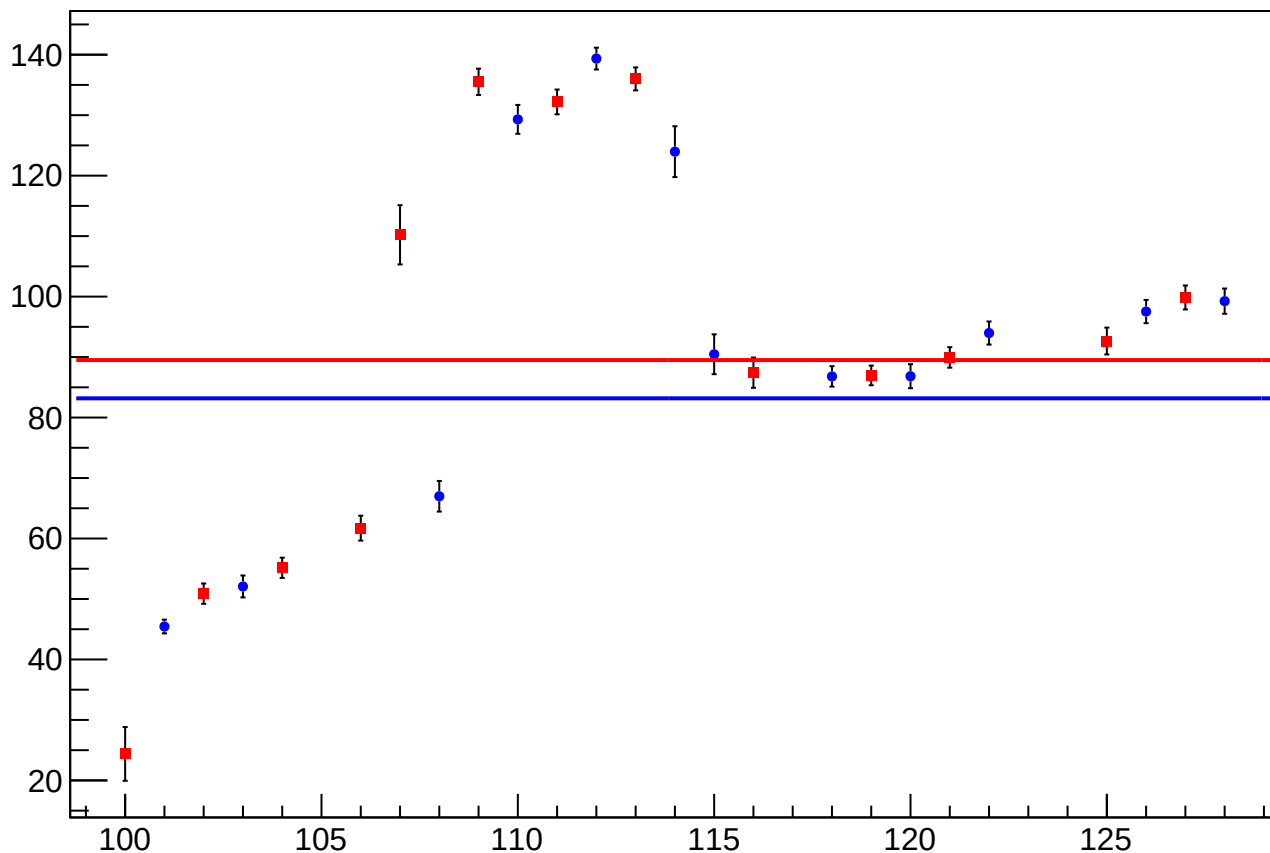
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.860+/-0.362 χ^2/NDF : 420.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 83.179+/-0.556 χ^2/NDF : 3027.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.504+/-0.567 χ^2/NDF : 2877.7/12

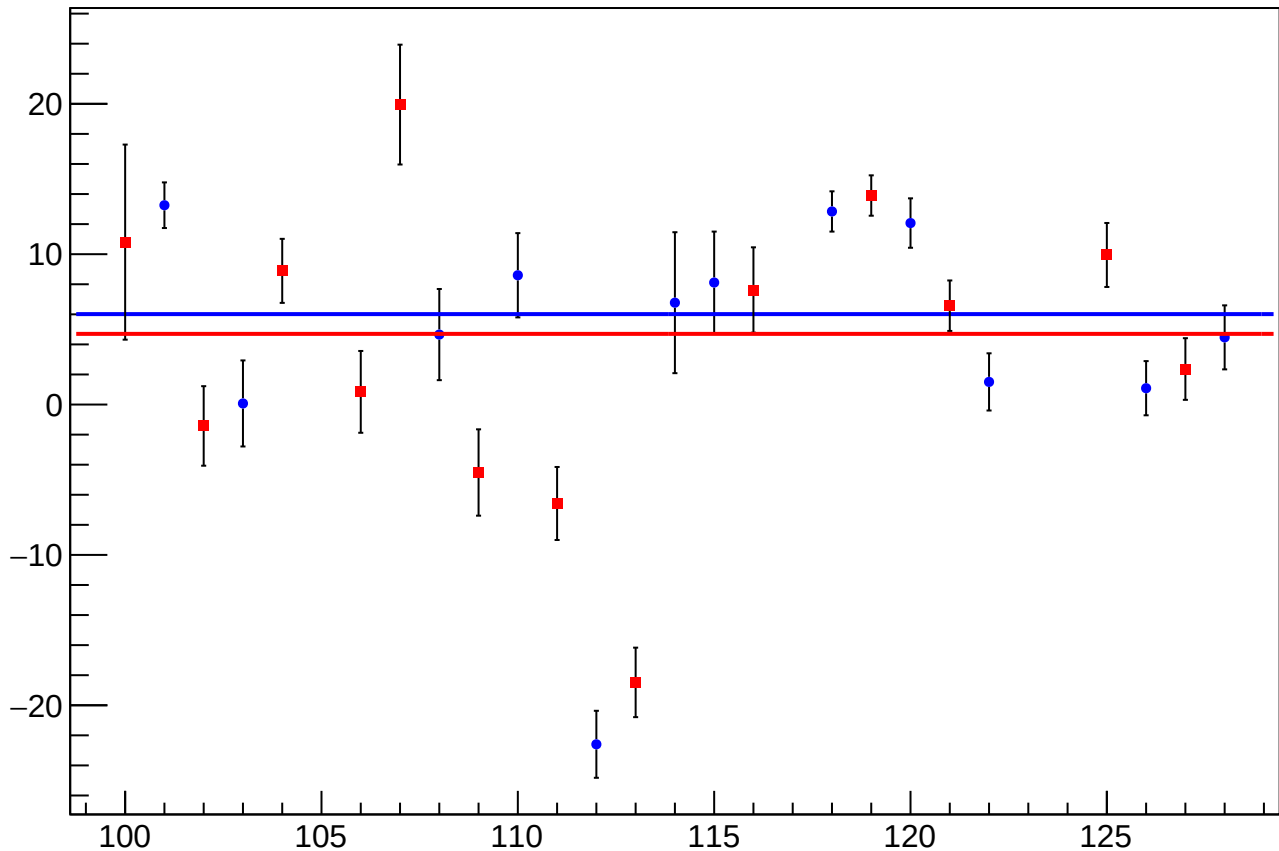
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.276+/-0.397 χ^2/NDF : 5968.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 6.015 $\pm$ 0.591 χ^2 /NDF: 246.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.700 $\pm$ 0.625 χ^2 /NDF: 215.9/12

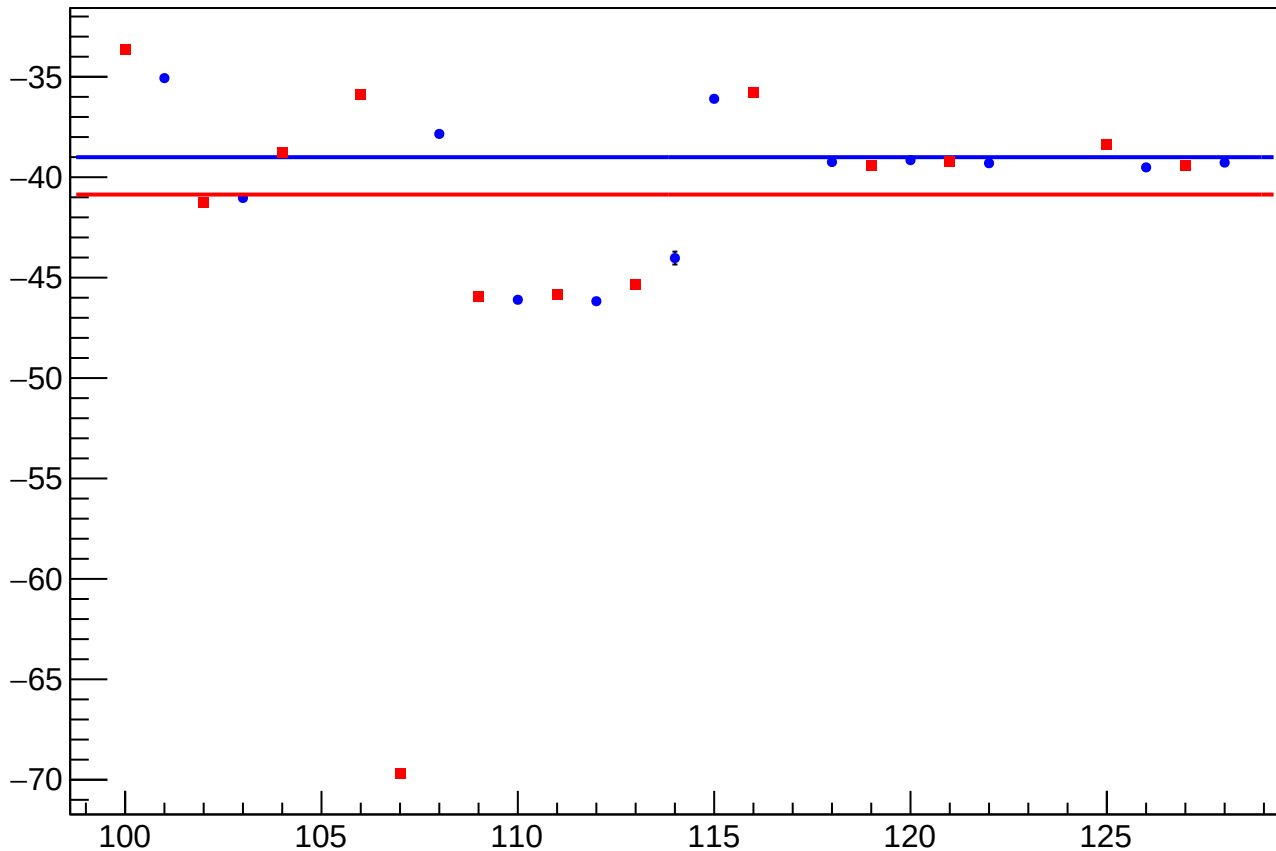
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.394 $\pm$ 0.430 χ^2 /NDF: 464.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -39.002 ± 0.035 χ^2/NDF : 8464.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -40.863 ± 0.035 χ^2/NDF : 29707.3/12

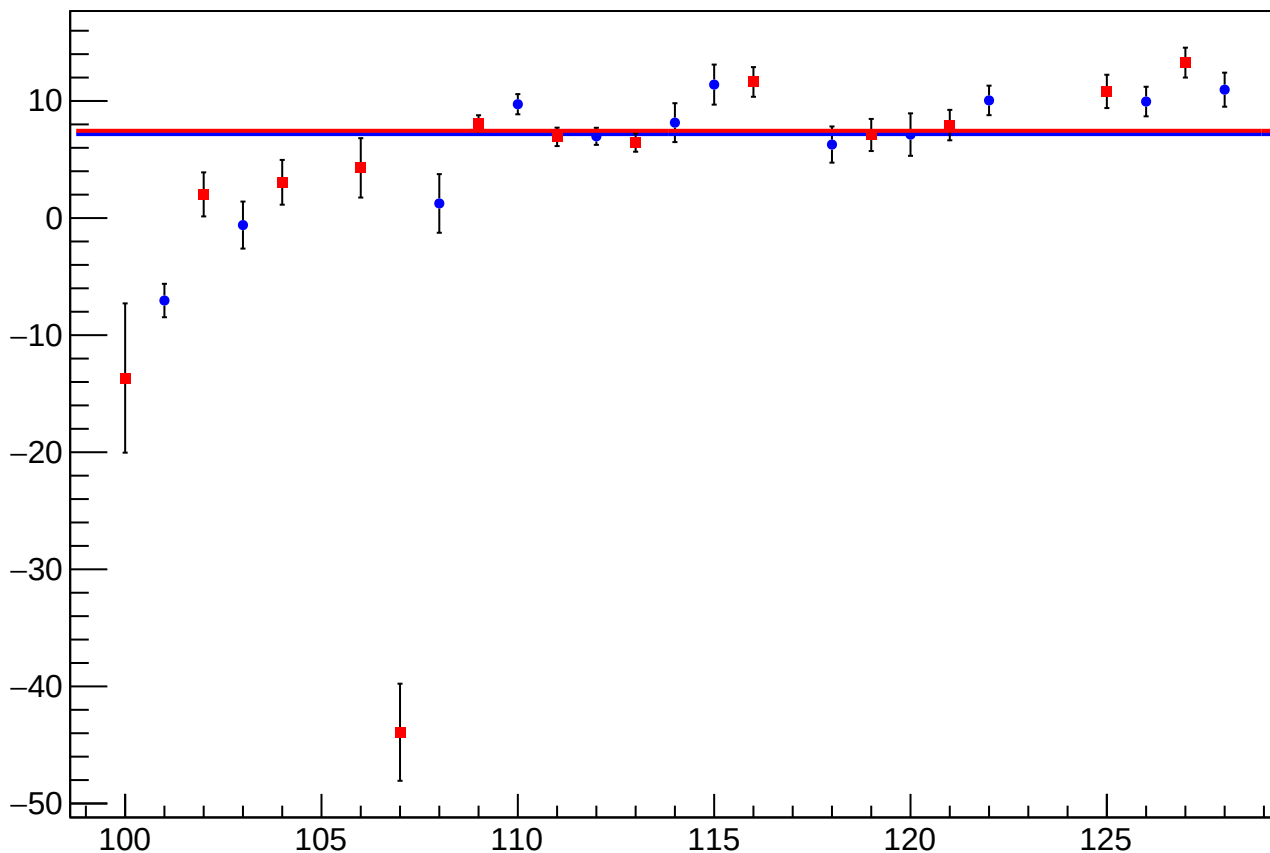
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.943 ± 0.025 χ^2/NDF : 39588.3/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 7.171 $\pm$ 0.371 χ^2 /NDF: 152.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.454 $\pm$ 0.335 χ^2 /NDF: 219.9/12

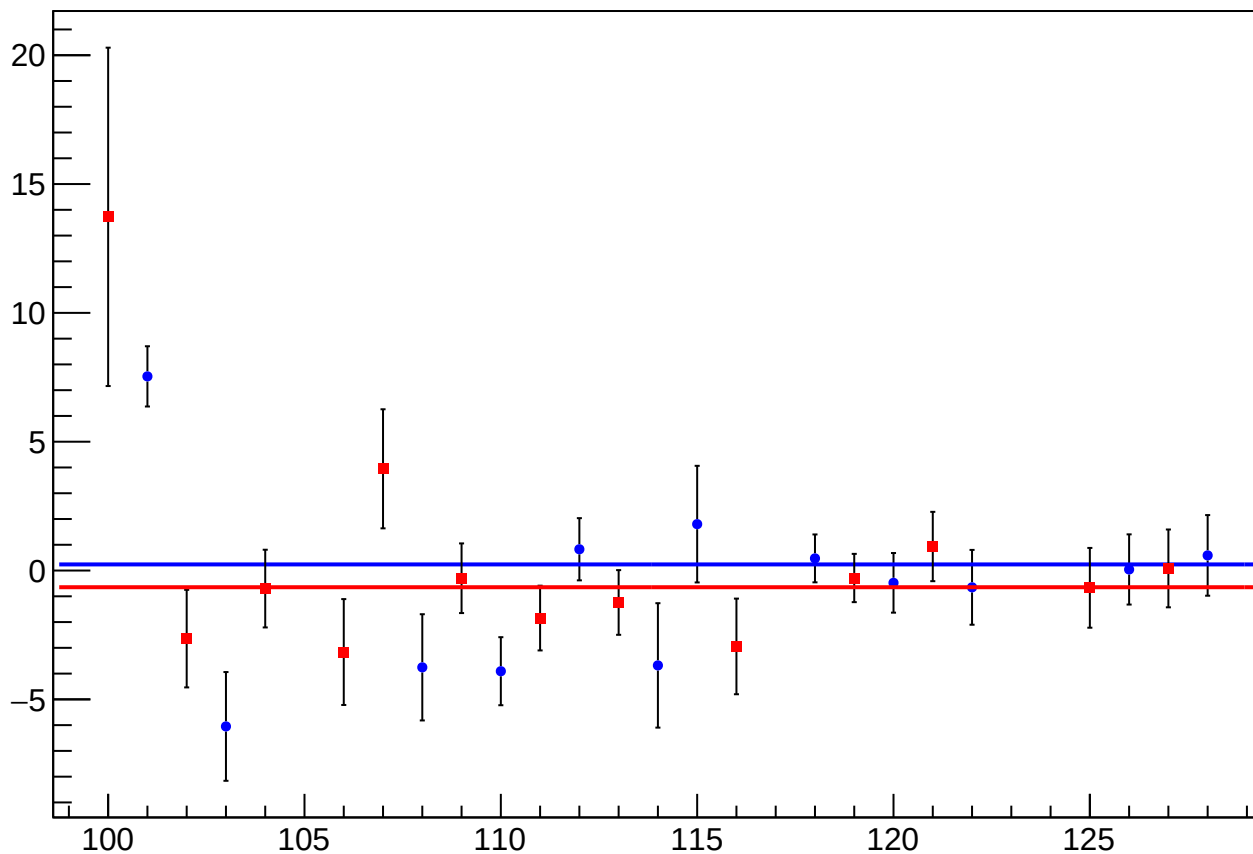
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.327 $\pm$ 0.249 χ^2 /NDF: 372.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.238 ± 0.403 χ^2/NDF : 65.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.648 ± 0.415 χ^2/NDF : 15.8/12

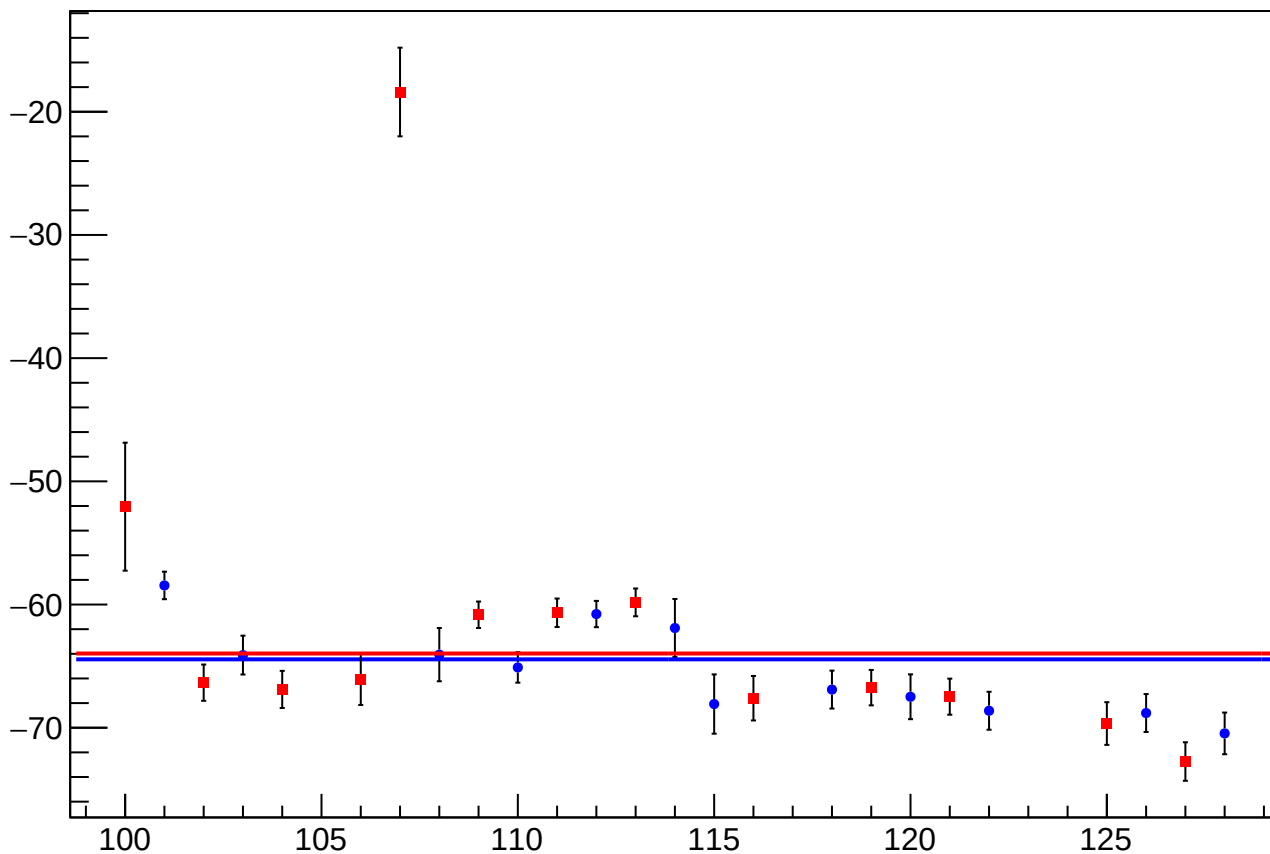
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.193 ± 0.289 χ^2/NDF : 83.9/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -64.449 $\pm$ 0.438 χ^2 /NDF: 77.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -63.975 $\pm$ 0.421 χ^2 /NDF: 259.0/12

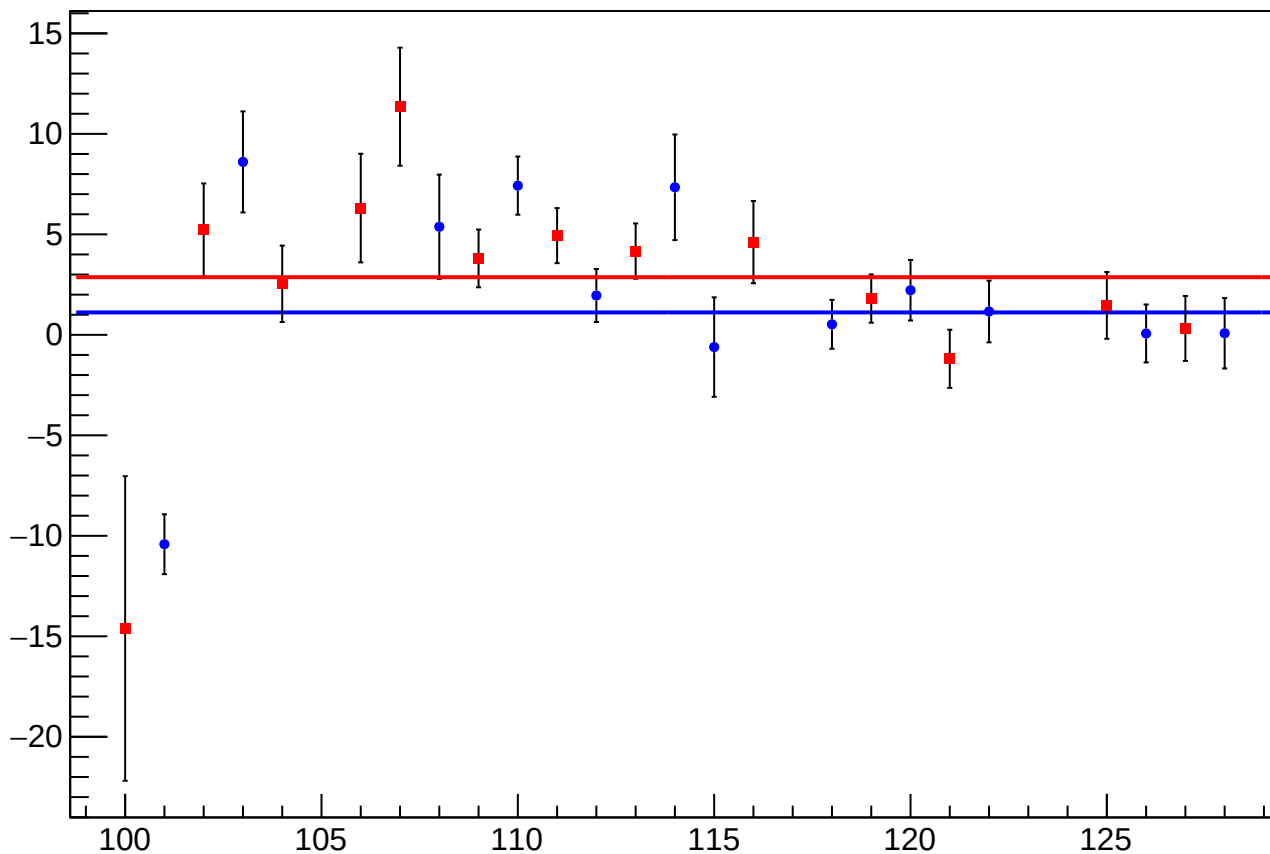
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -64.203 $\pm$ 0.303 χ^2 /NDF: 337.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: 1.115 $\pm$ 0.473 χ^2 /NDF: 98.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.868 $\pm$ 0.475 χ^2 /NDF: 32.5/12

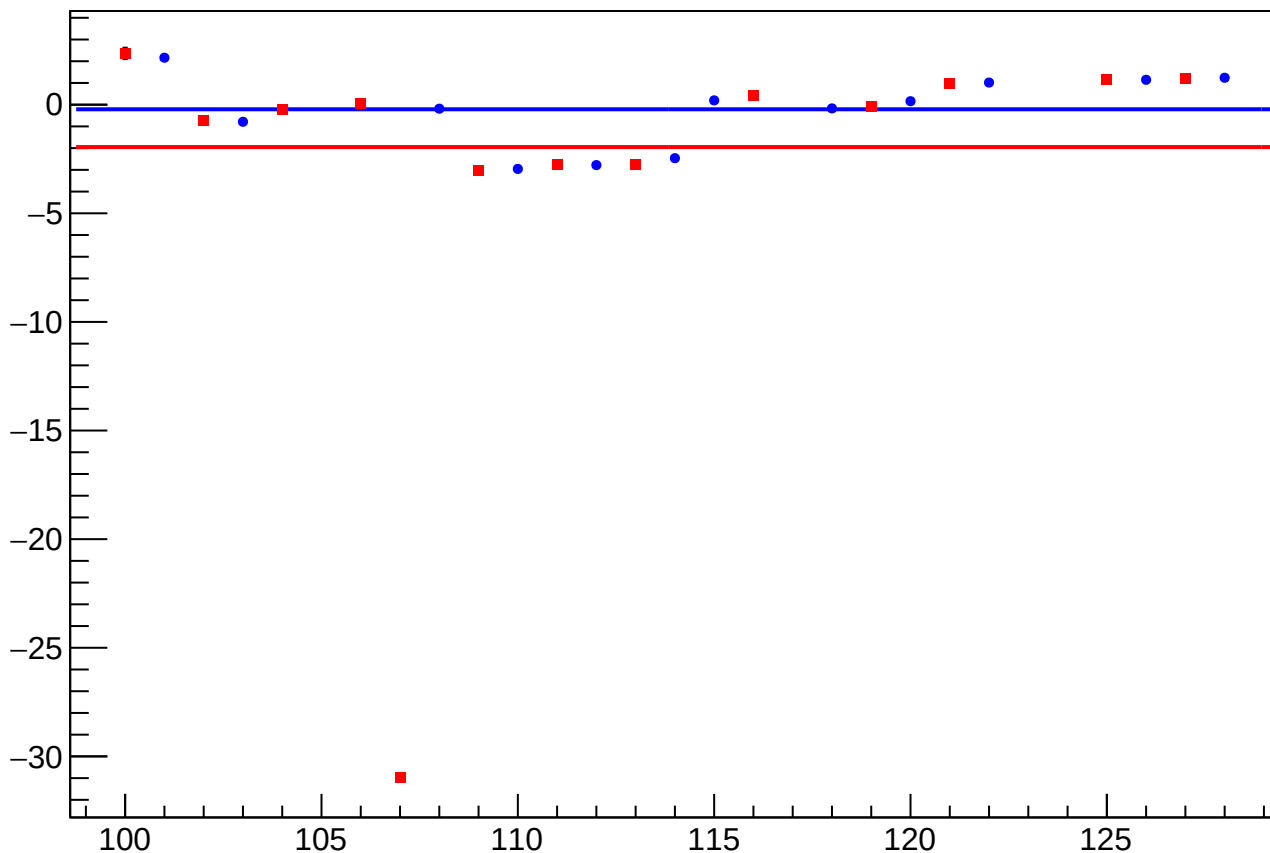
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.989 $\pm$ 0.335 χ^2 /NDF: 138.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: -0.212 ± 0.029 χ^2/NDF : 3521.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.951 ± 0.028 χ^2/NDF : 43683.3/12

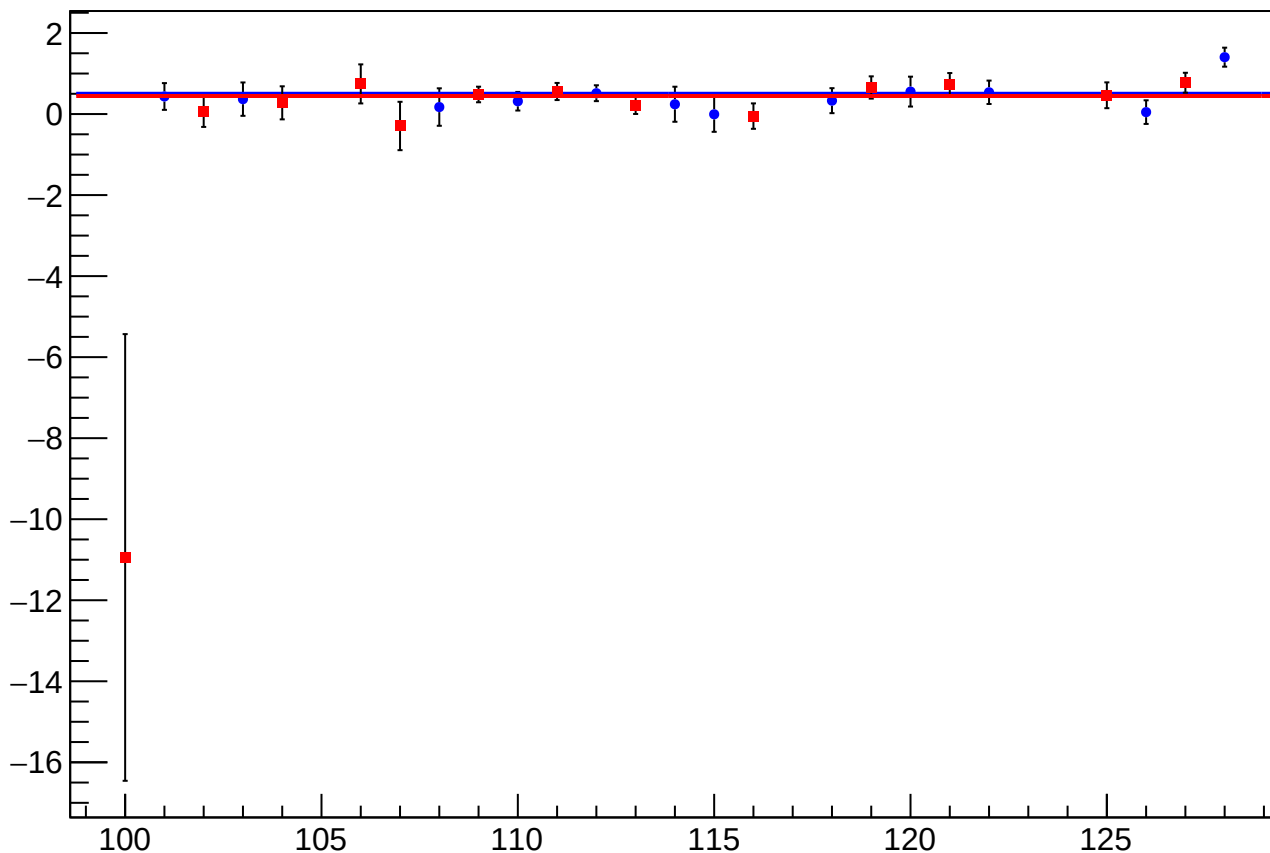
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.123 ± 0.020 χ^2/NDF : 49098.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: 0.500 $\pm$ 0.086 χ^2 /NDF: 20.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.446 $\pm$ 0.081 χ^2 /NDF: 14.6/12

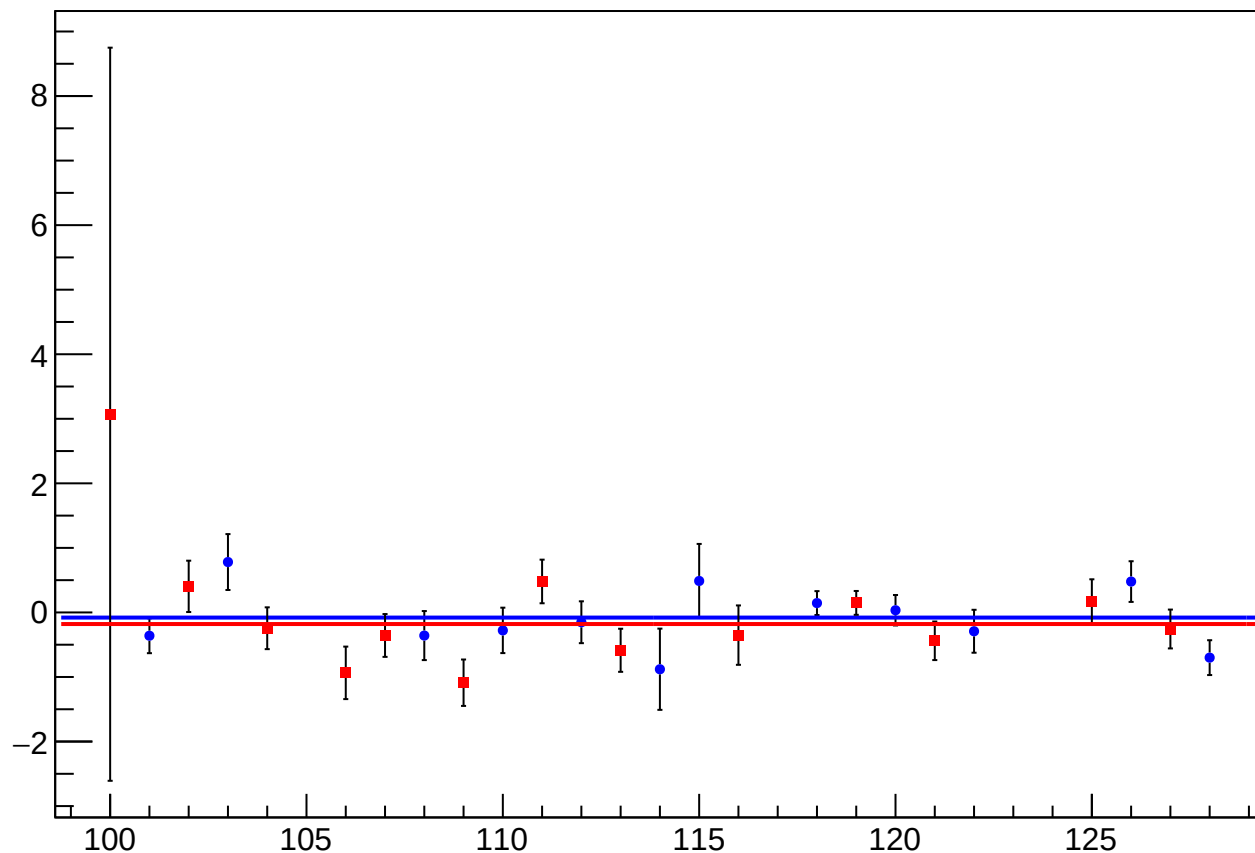
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.471 $\pm$ 0.059 χ^2 /NDF: 35.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.080 ± 0.088 χ^2/NDF : 19.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.180 ± 0.091 χ^2/NDF : 23.1/12

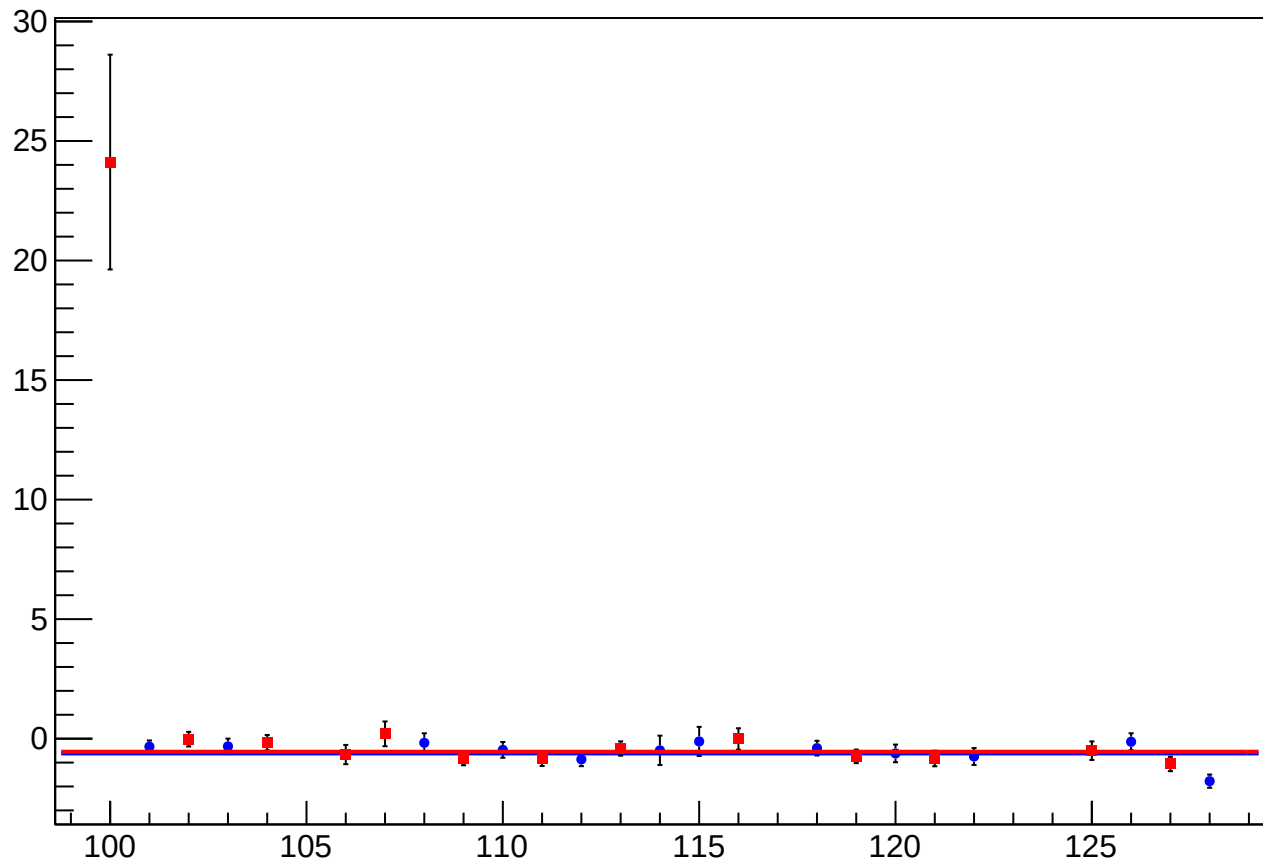
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.128 ± 0.063 χ^2/NDF : 42.8/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: -0.617 ± 0.098 $\chi^2/\text{NDF}: 25.0/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.546 ± 0.096 $\chi^2/\text{NDF}: 44.1/12$

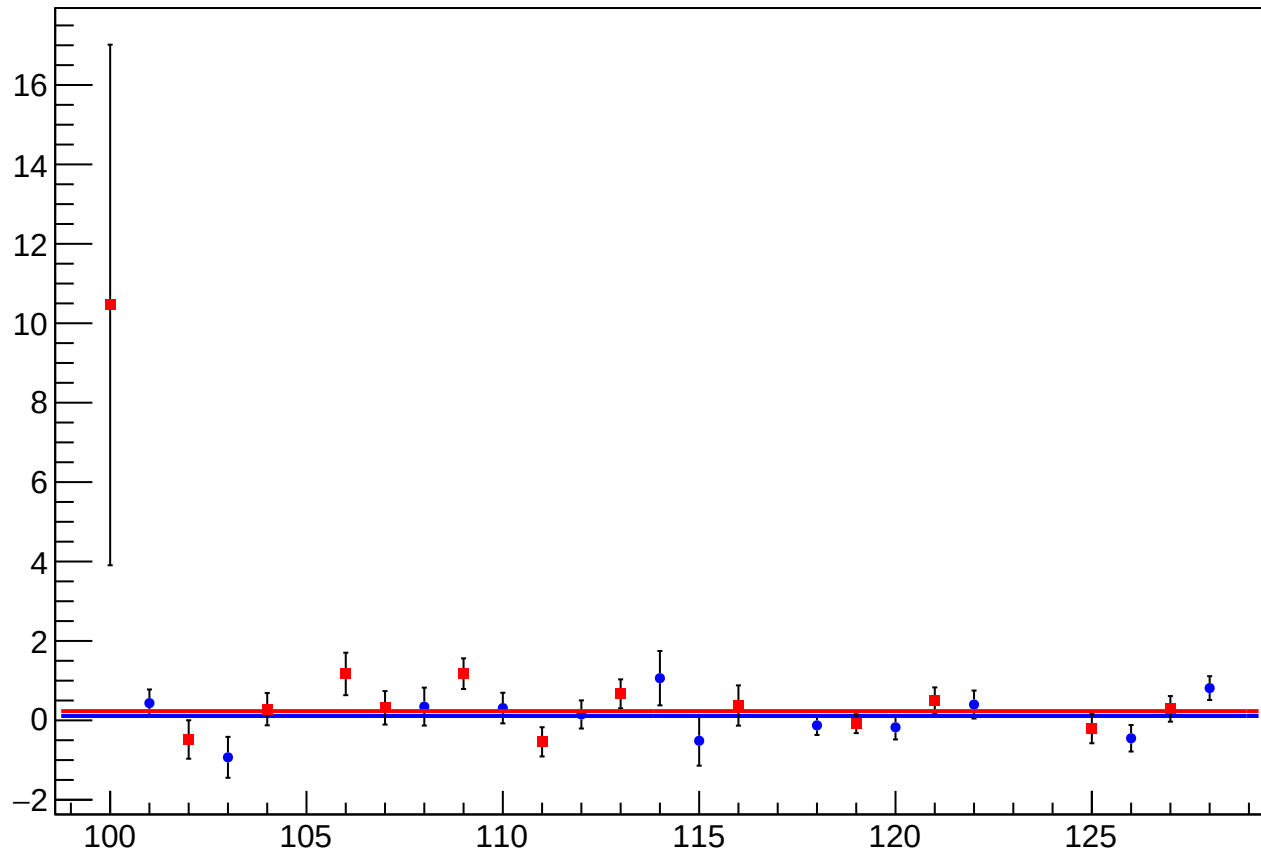
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.581 ± 0.069 $\chi^2/\text{NDF}: 69.4/24$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.110 $\pm$ 0.104 χ^2 /NDF: 19.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.233 $\pm$ 0.106 χ^2 /NDF: 23.5/12

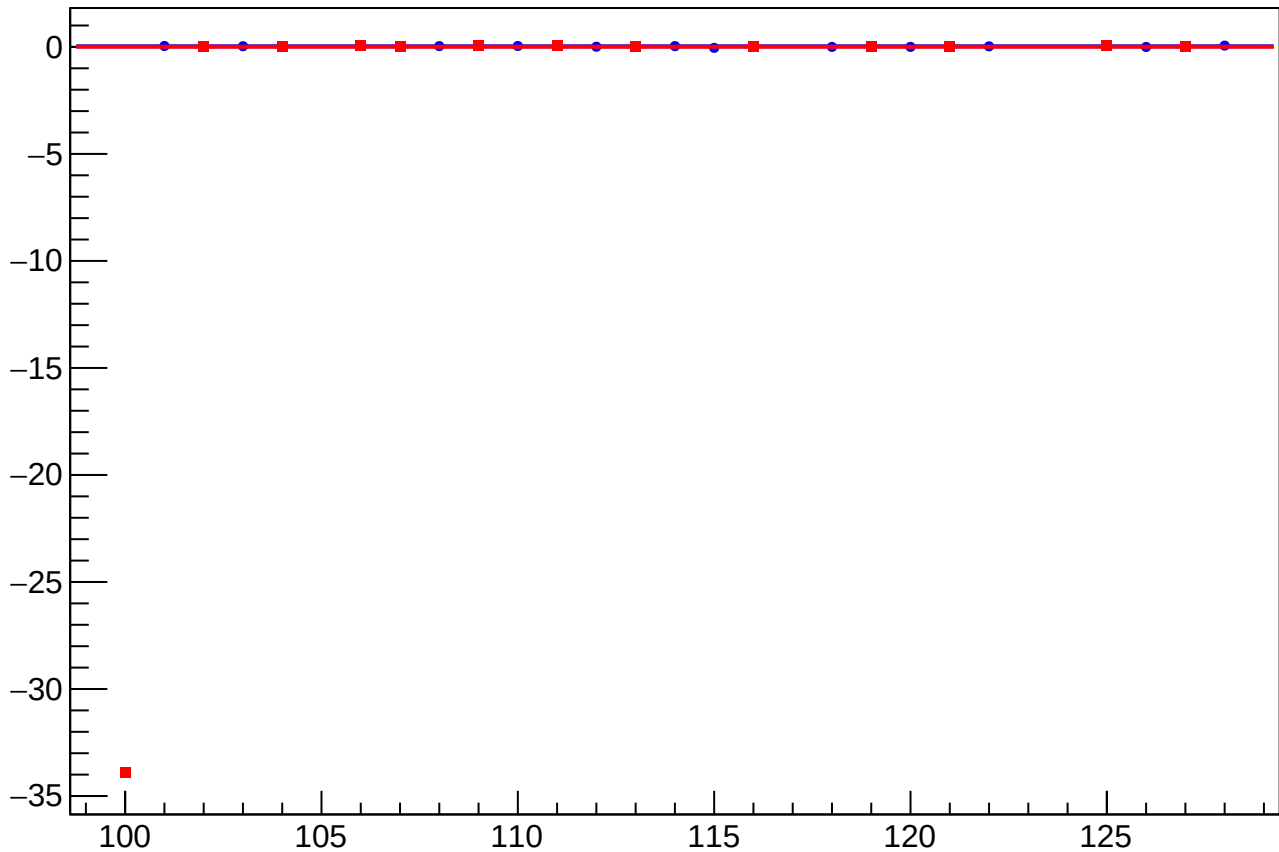
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.171 $\pm$ 0.074 χ^2 /NDF: 43.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: 0.028+/-0.006 χ^2/NDF : 10.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.006 χ^2/NDF : 22258.1/12

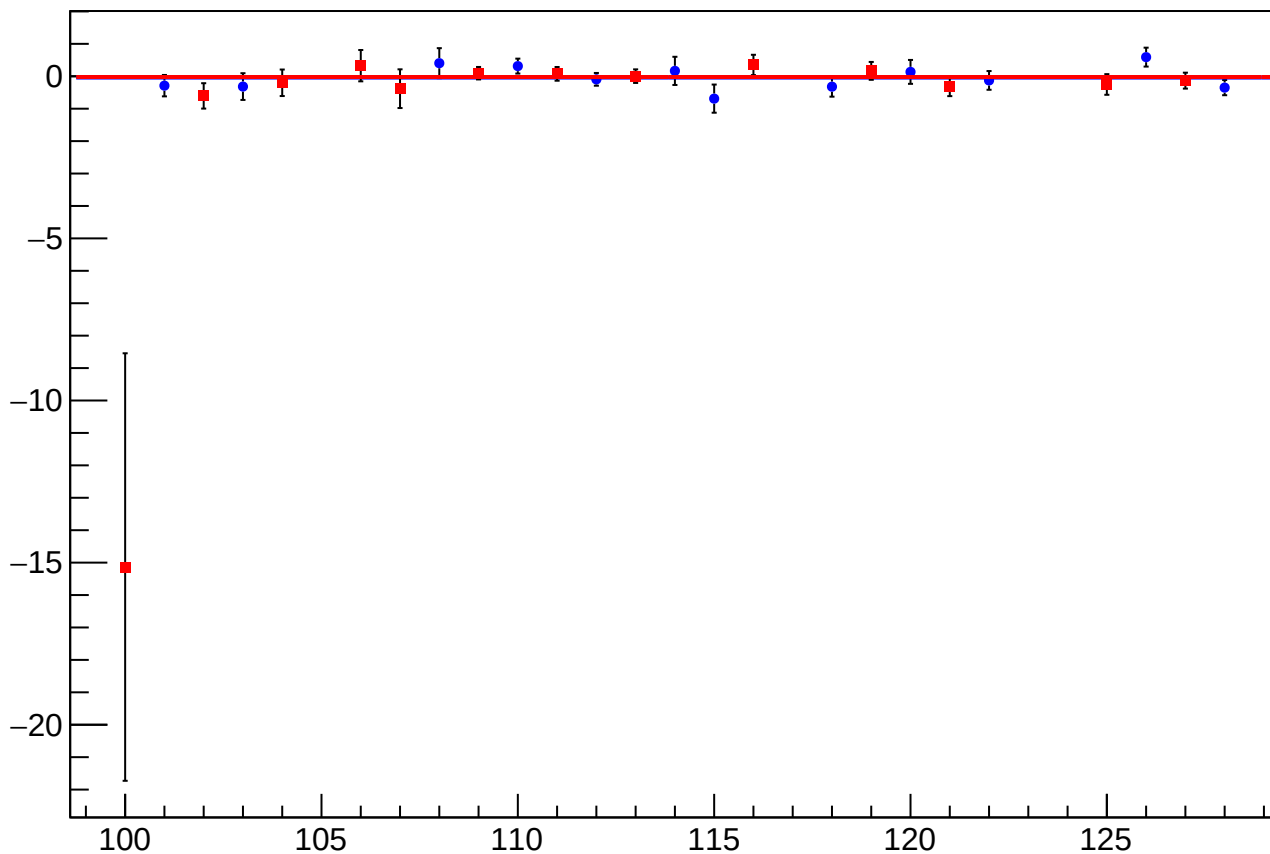
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.004 χ^2/NDF : 22273.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



Right In: -0.039 ± 0.086 χ^2/NDF : 14.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.023 ± 0.081 χ^2/NDF : 12.8/12

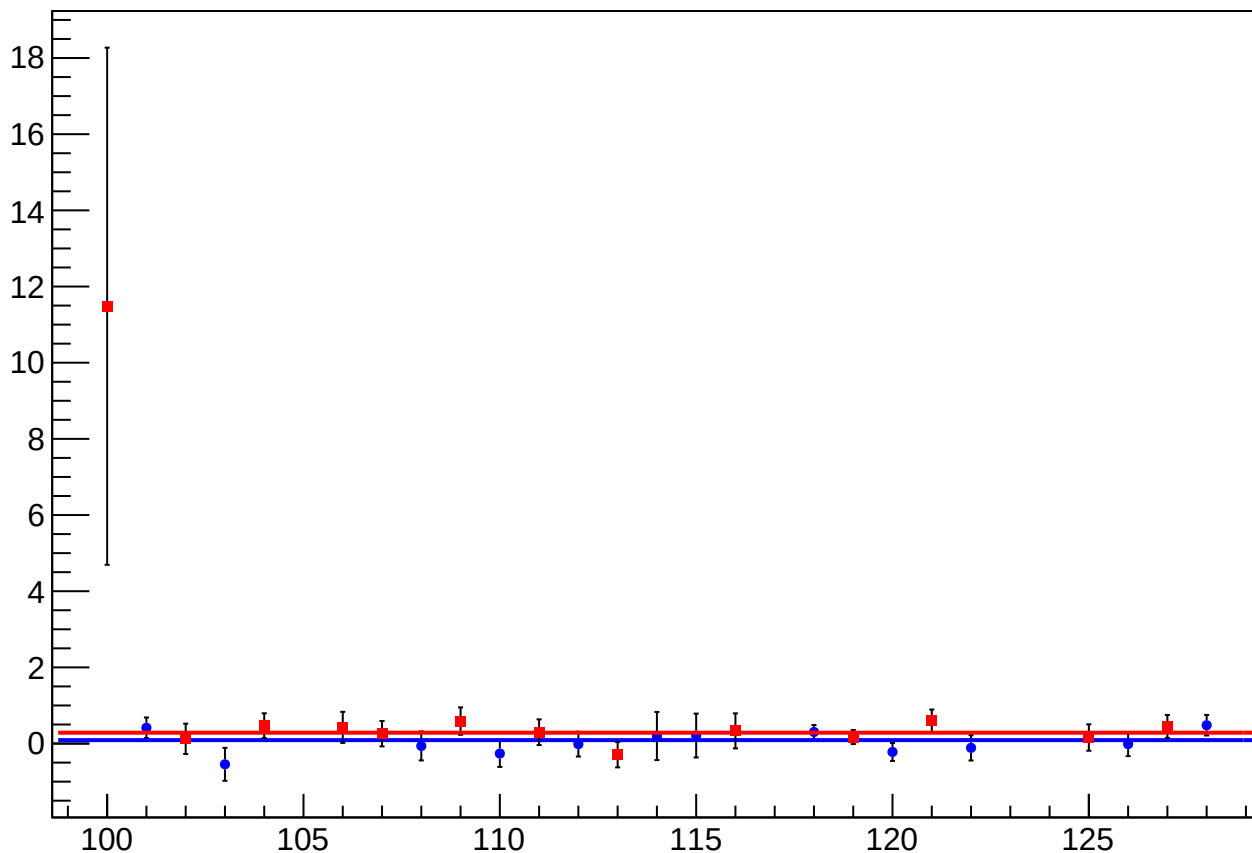
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.031 ± 0.059 χ^2/NDF : 27.2/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.090+/-0.088 χ^2/NDF : 10.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.285+/-0.091 χ^2/NDF : 8.9/12

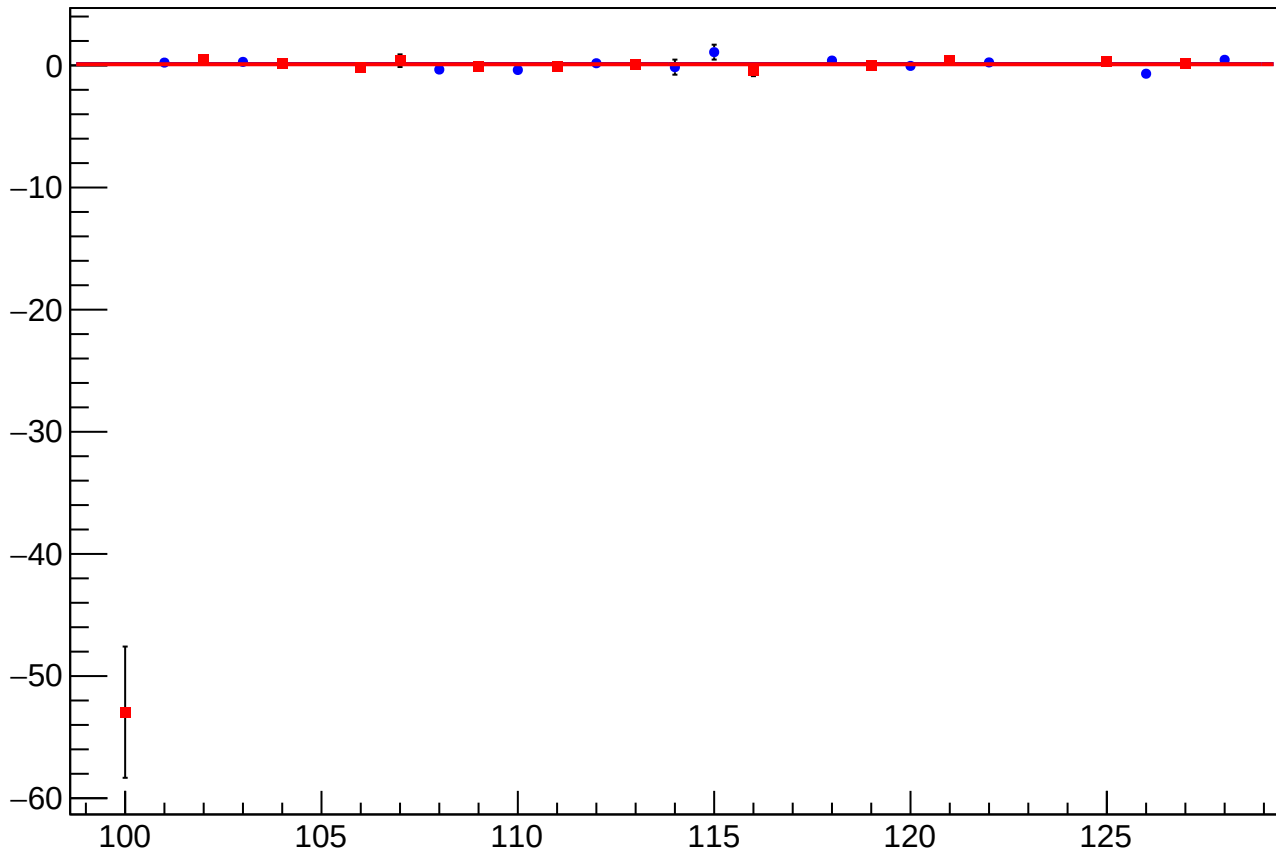
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.184+/-0.063 χ^2/NDF : 21.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.112 $\pm$ 0.098 χ^2 /NDF: 14.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.094 $\pm$ 0.096 χ^2 /NDF: 103.7/12

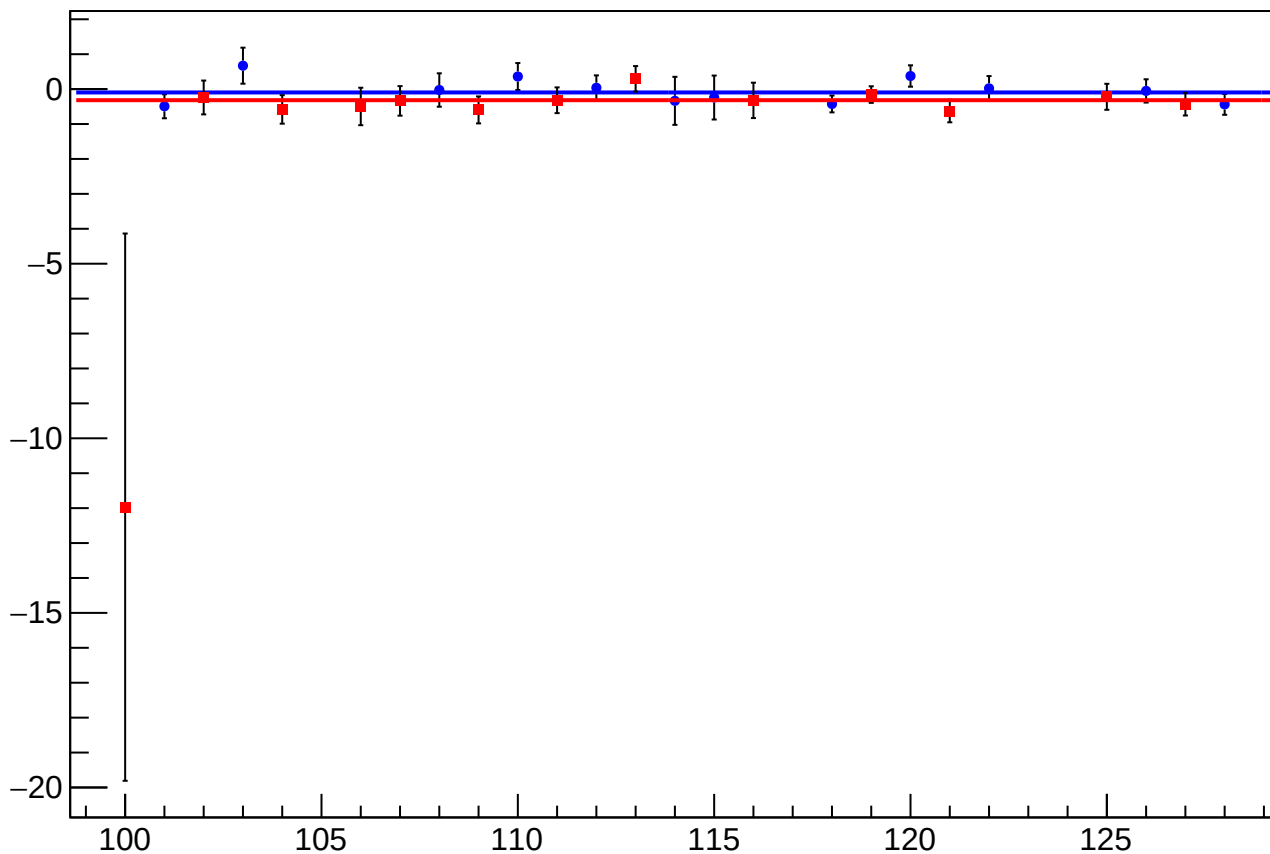
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.103 $\pm$ 0.069 χ^2 /NDF: 118.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.096 ± 0.104 χ^2/NDF : 10.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.317 ± 0.106 χ^2/NDF : 7.7/12

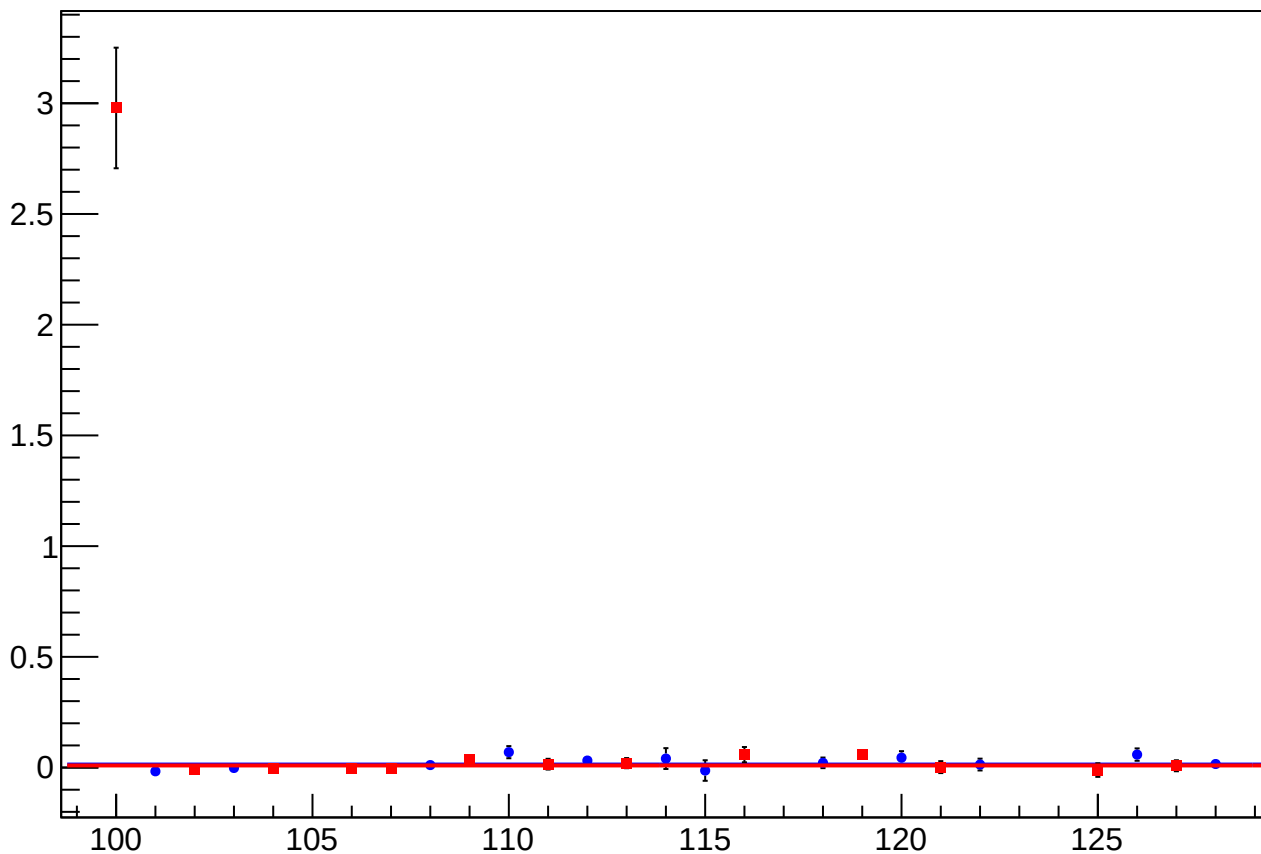
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.205 ± 0.074 χ^2/NDF : 20.8/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: 0.014 $\pm$ 0.006 χ^2/NDF : 14.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.010 $\pm$ 0.006 χ^2/NDF : 131.5/12

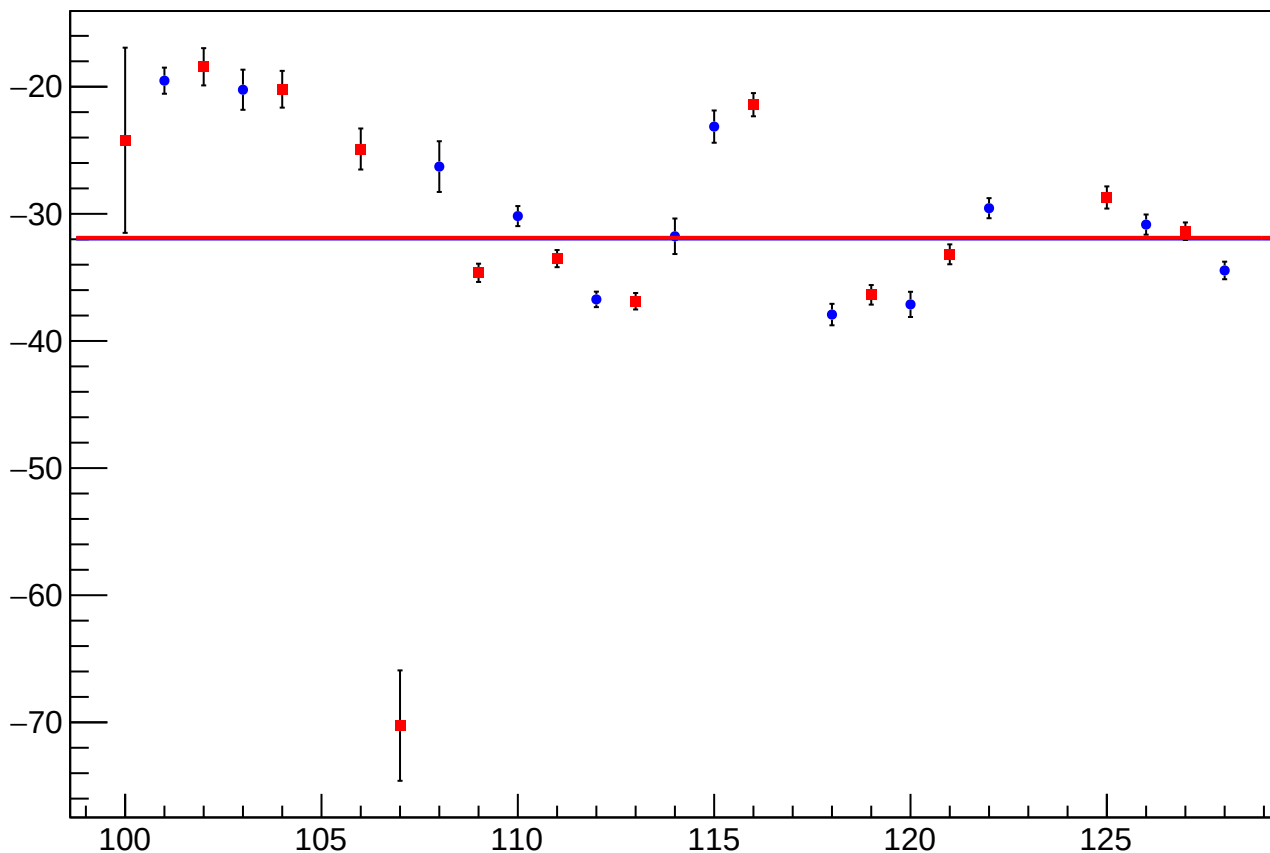
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.011 $\pm$ 0.004 χ^2/NDF : 146.3/24

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm1X_slope vs Slug



Right In: -31.939+/-0.260 χ^2/NDF : 426.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.888+/-0.251 χ^2/NDF : 509.6/12

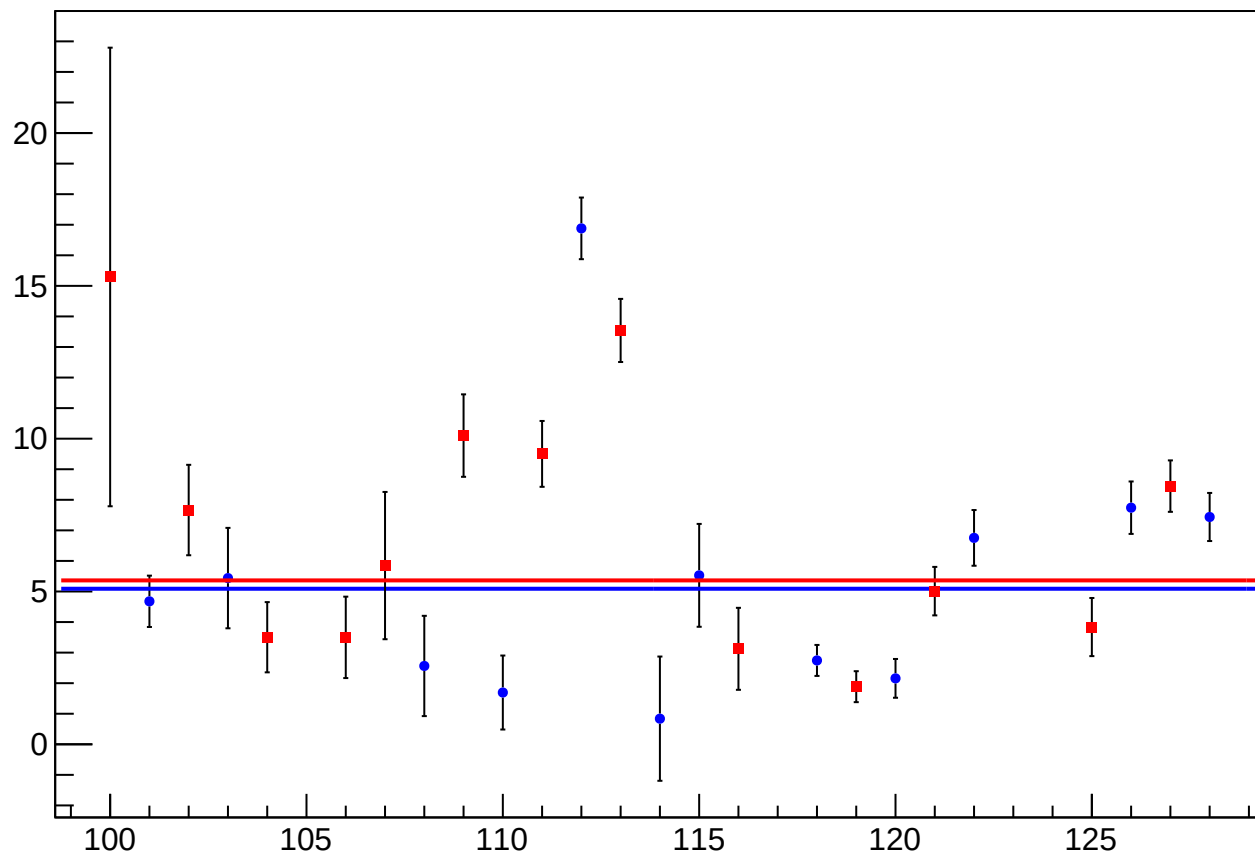
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.913+/-0.181 χ^2/NDF : 935.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 5.090 $\pm$ 0.258 χ^2 /NDF: 216.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.363 $\pm$ 0.279 χ^2 /NDF: 164.7/12

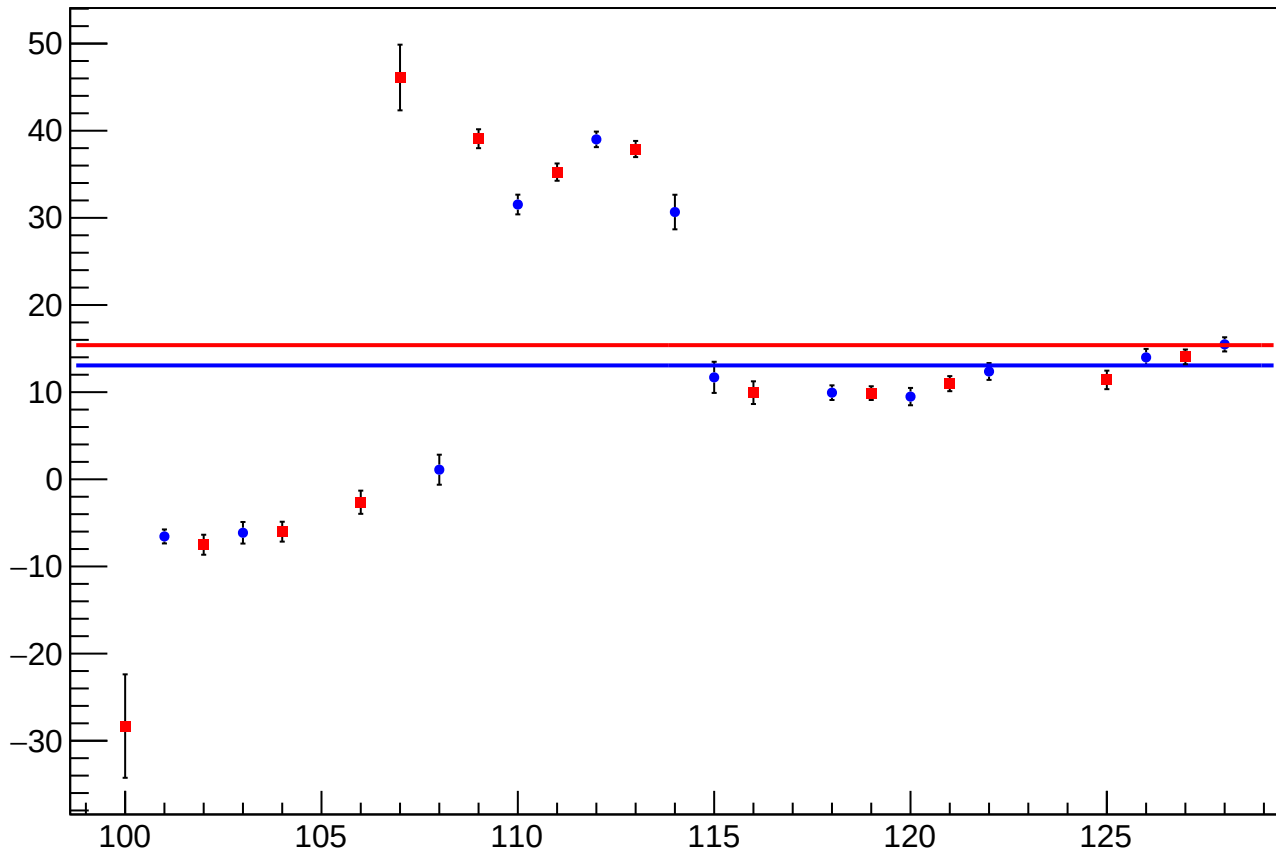
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.216 $\pm$ 0.189 χ^2 /NDF: 381.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 13.068+/-0.299 χ^2 /NDF: 2114.3/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 15.394+/-0.301 χ^2 /NDF: 2630.2/12

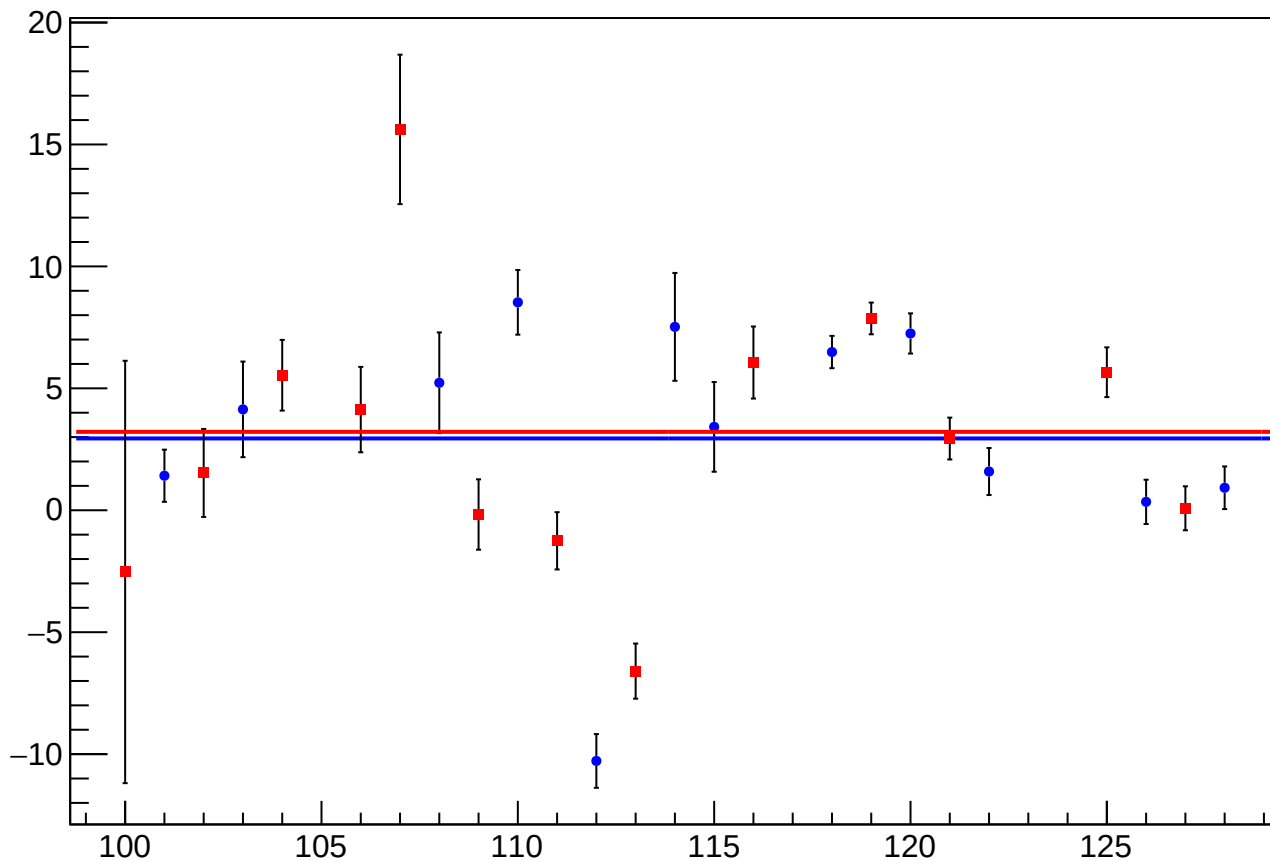
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 14.221+/-0.212 χ^2 /NDF: 4774.7/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 2.945 $\pm$ 0.307 χ^2 /NDF: 241.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.216 $\pm$ 0.323 χ^2 /NDF: 188.7/12

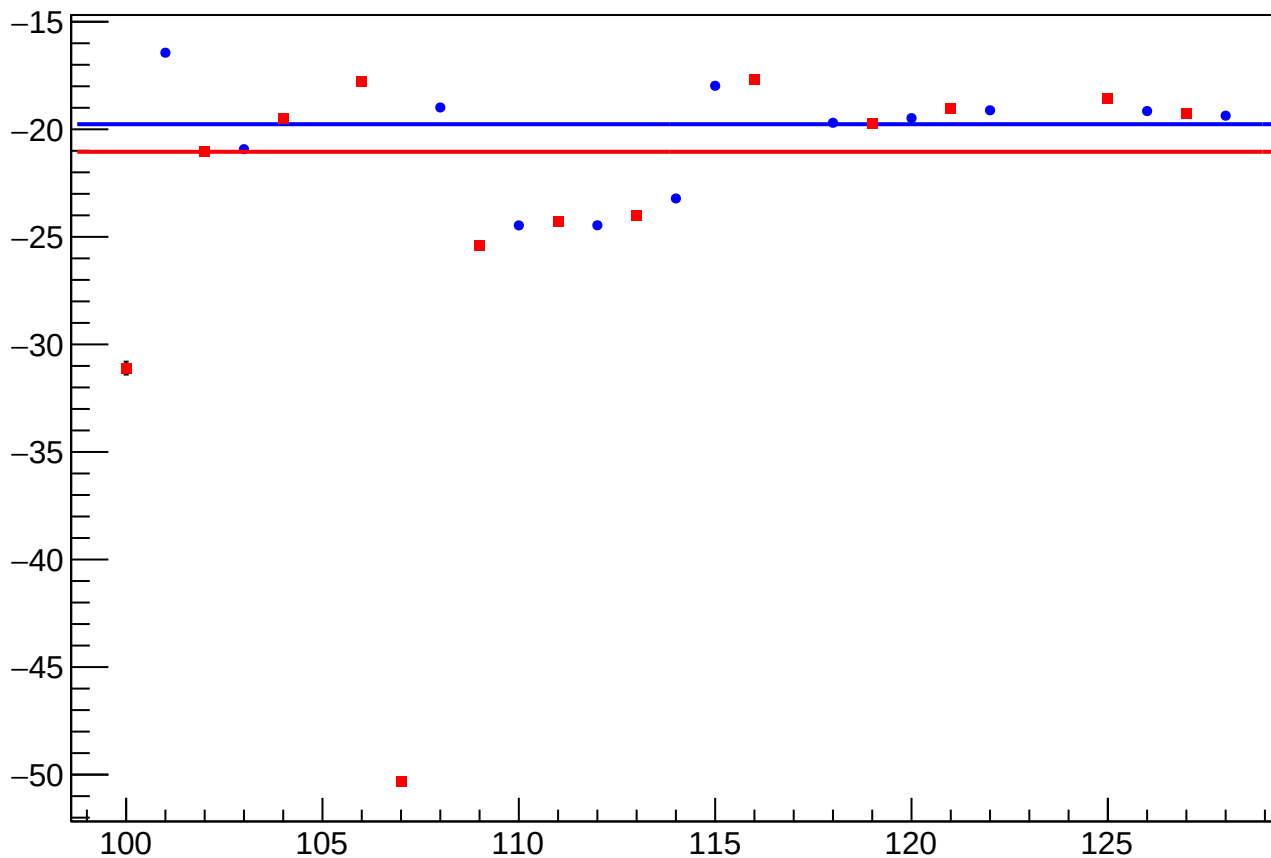
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.073 $\pm$ 0.222 χ^2 /NDF: 430.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.763 $\pm$ 0.020 χ^2 /NDF: 13379.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -21.044 $\pm$ 0.020 χ^2 /NDF: 51694.2/12

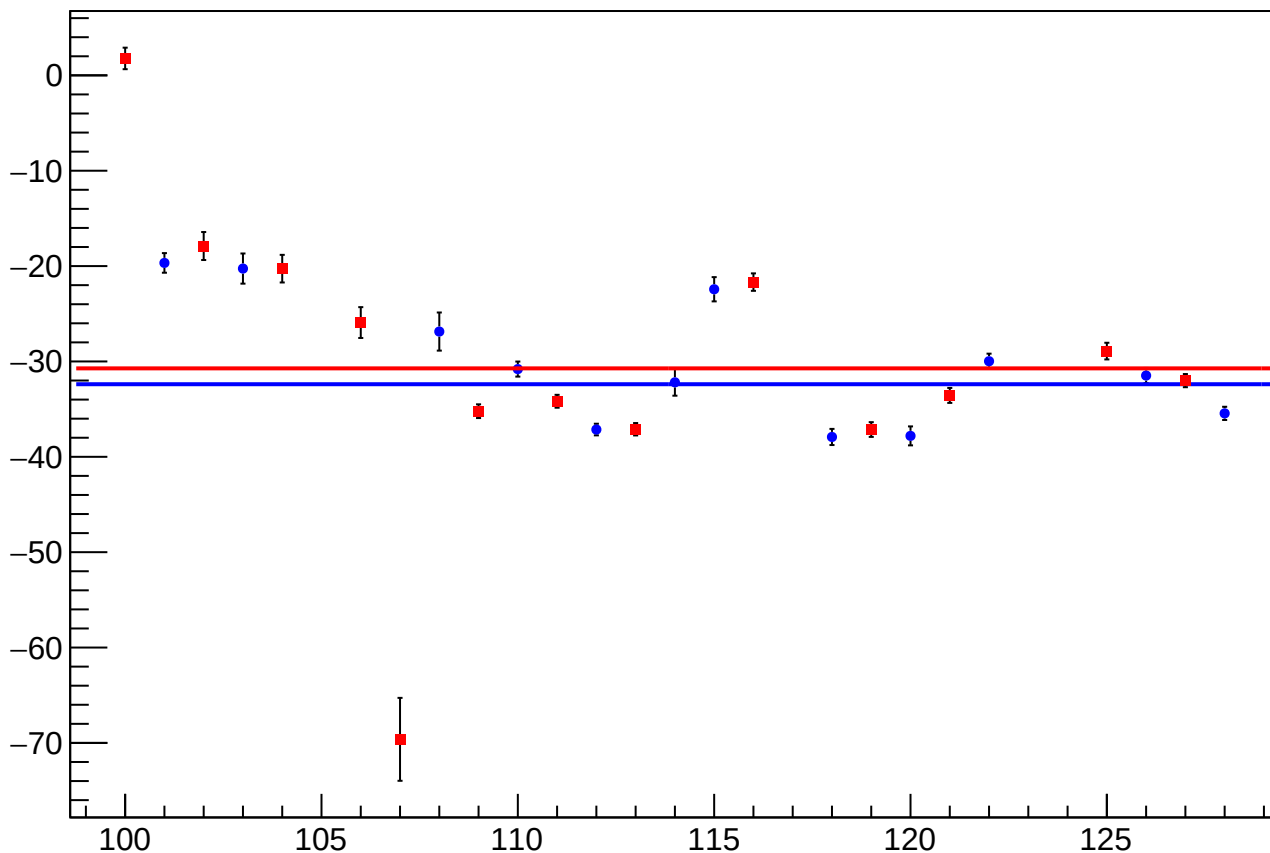
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -20.411 $\pm$ 0.014 χ^2 /NDF: 67070.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: -32.388 ± 0.261 χ^2/NDF : 448.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -30.726 ± 0.246 χ^2/NDF : 1396.4/12

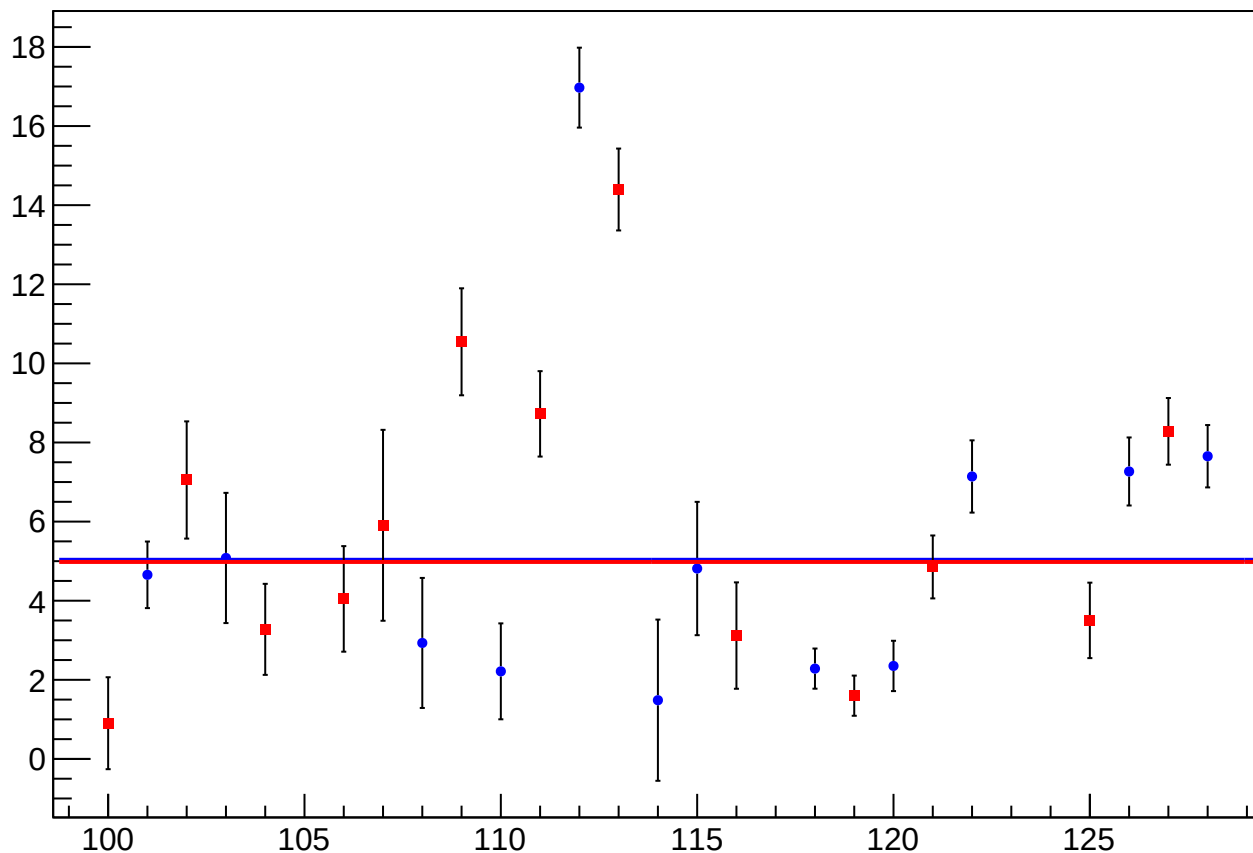
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.507 ± 0.179 χ^2/NDF : 1866.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 5.034+/-0.259 χ^2/NDF : 220.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.980+/-0.272 χ^2/NDF : 192.8/12

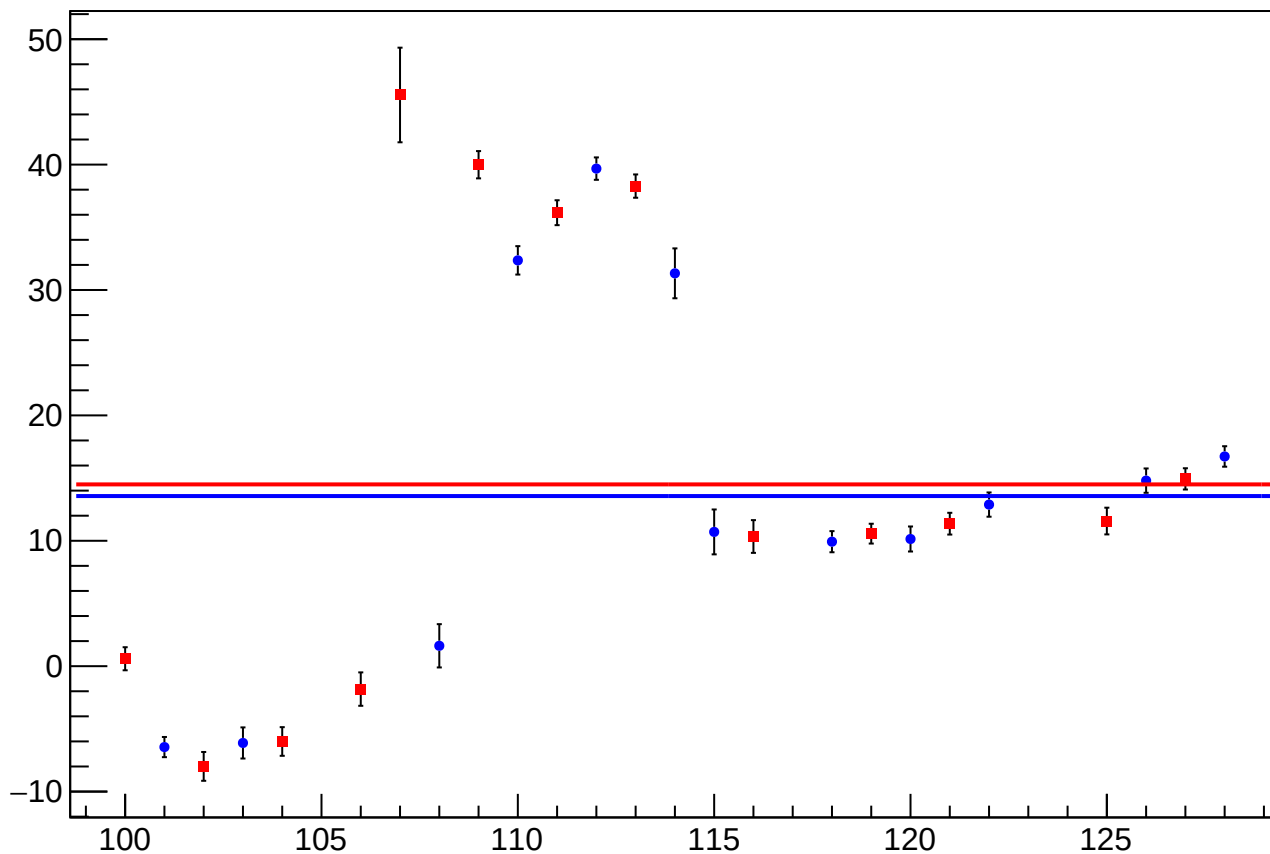
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.009+/-0.187 χ^2/NDF : 412.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 13.567 $\pm$ 0.299 χ^2 /NDF: 2177.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.496 $\pm$ 0.287 χ^2 /NDF: 2887.5/12

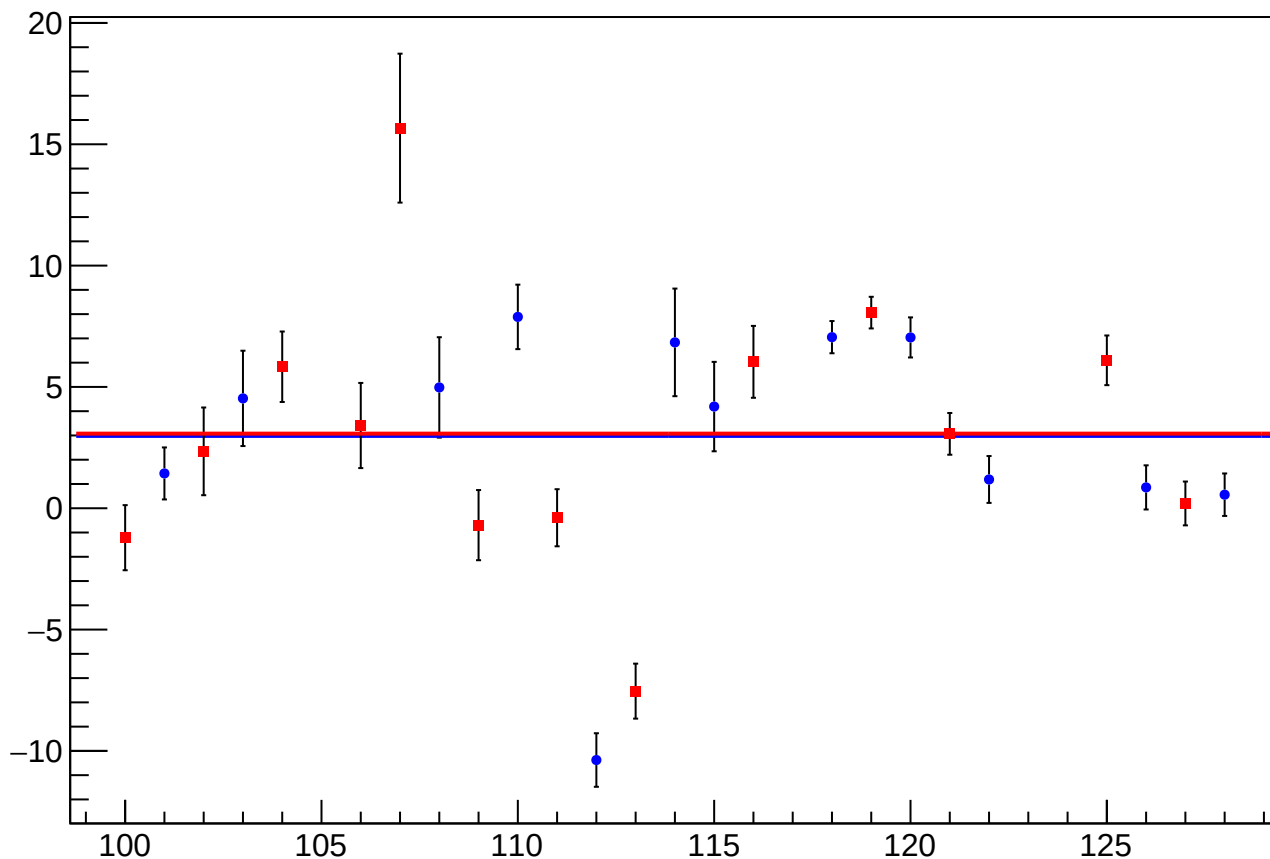
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.051 $\pm$ 0.207 χ^2 /NDF: 5070.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 2.982 $\pm$ 0.308 χ^2 /NDF: 245.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.075 $\pm$ 0.315 χ^2 /NDF: 215.4/12

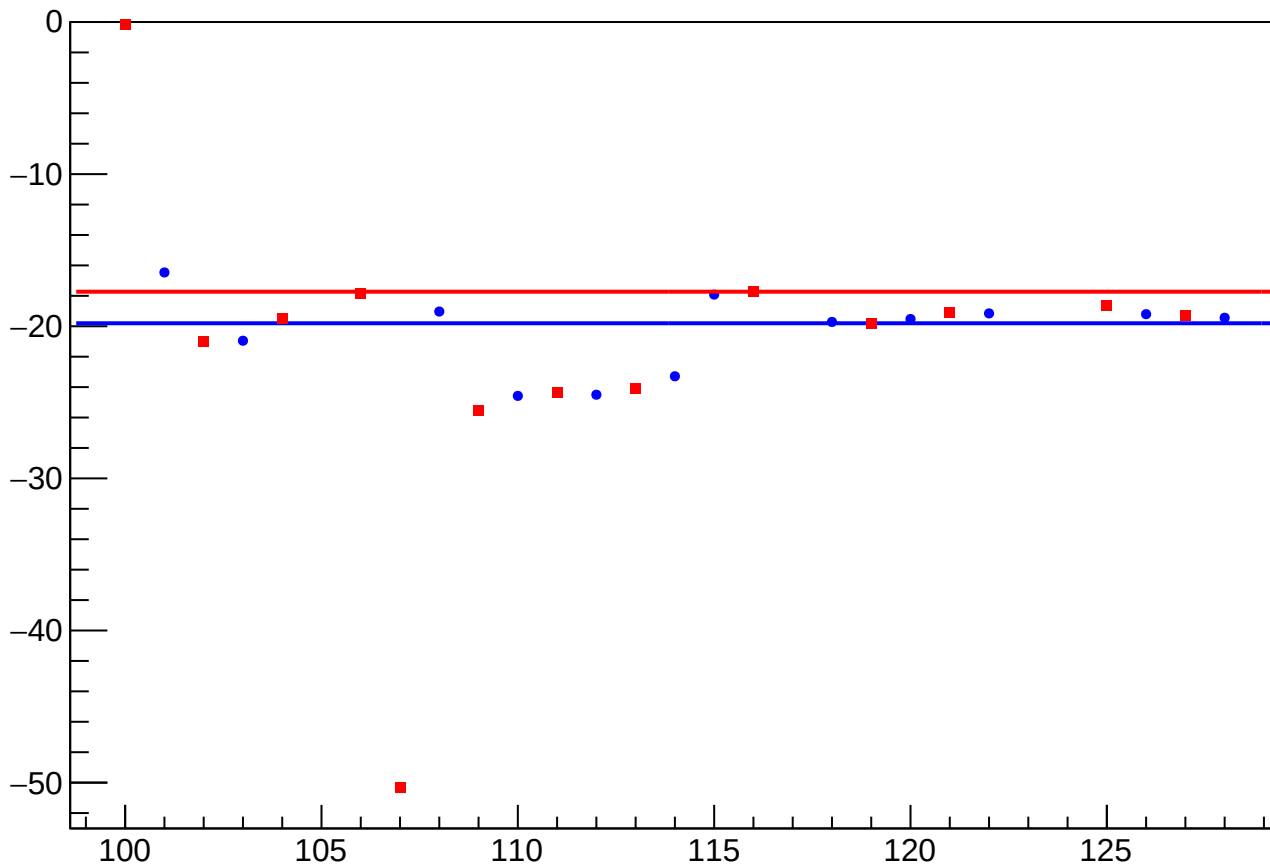
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.027 $\pm$ 0.220 χ^2 /NDF: 461.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.803+/-0.020 χ^2/NDF : 13454.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.728+/-0.019 χ^2/NDF : 219399.9/12

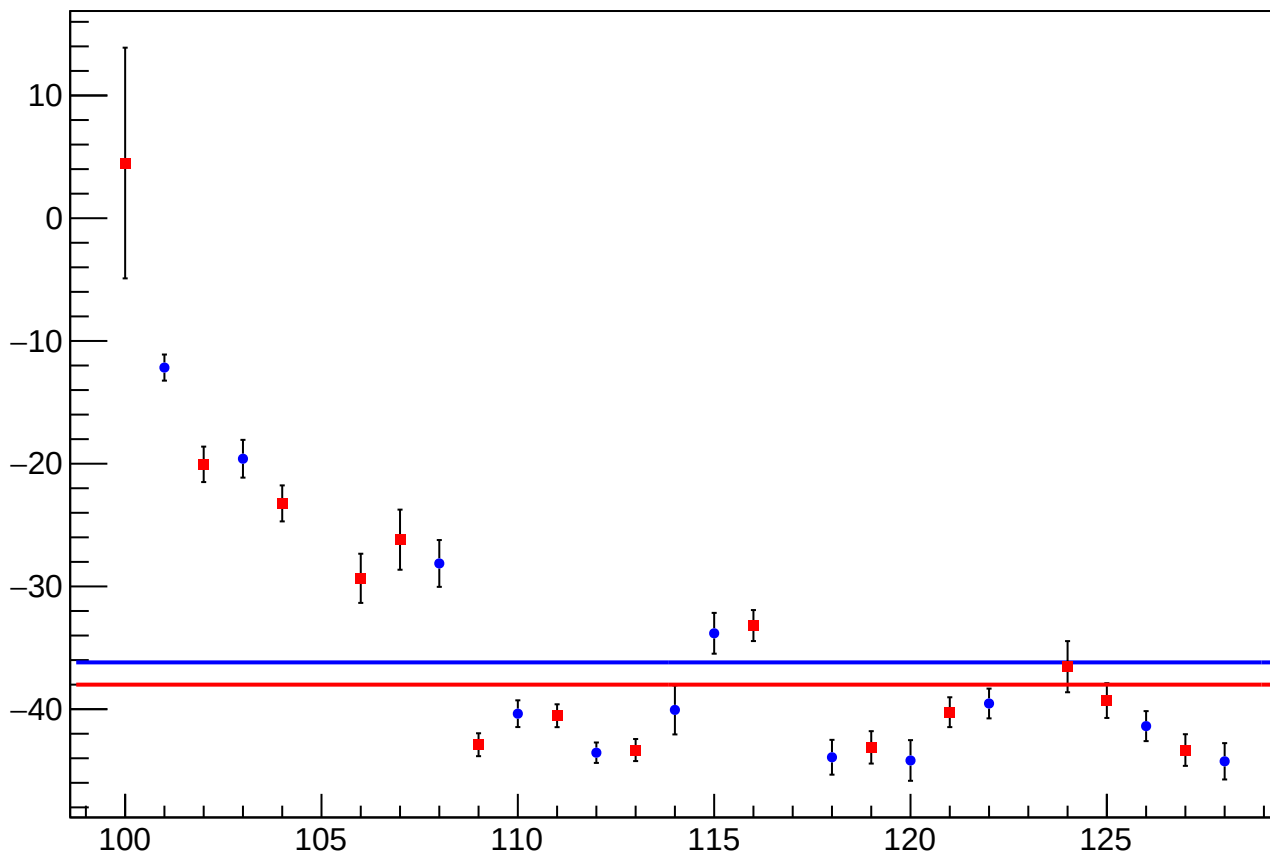
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.666+/-0.014 χ^2/NDF : 238498.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: -36.188 $\pm$ 0.374 χ^2 /NDF: 850.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -38.001 $\pm$ 0.351 χ^2 /NDF: 439.6/13

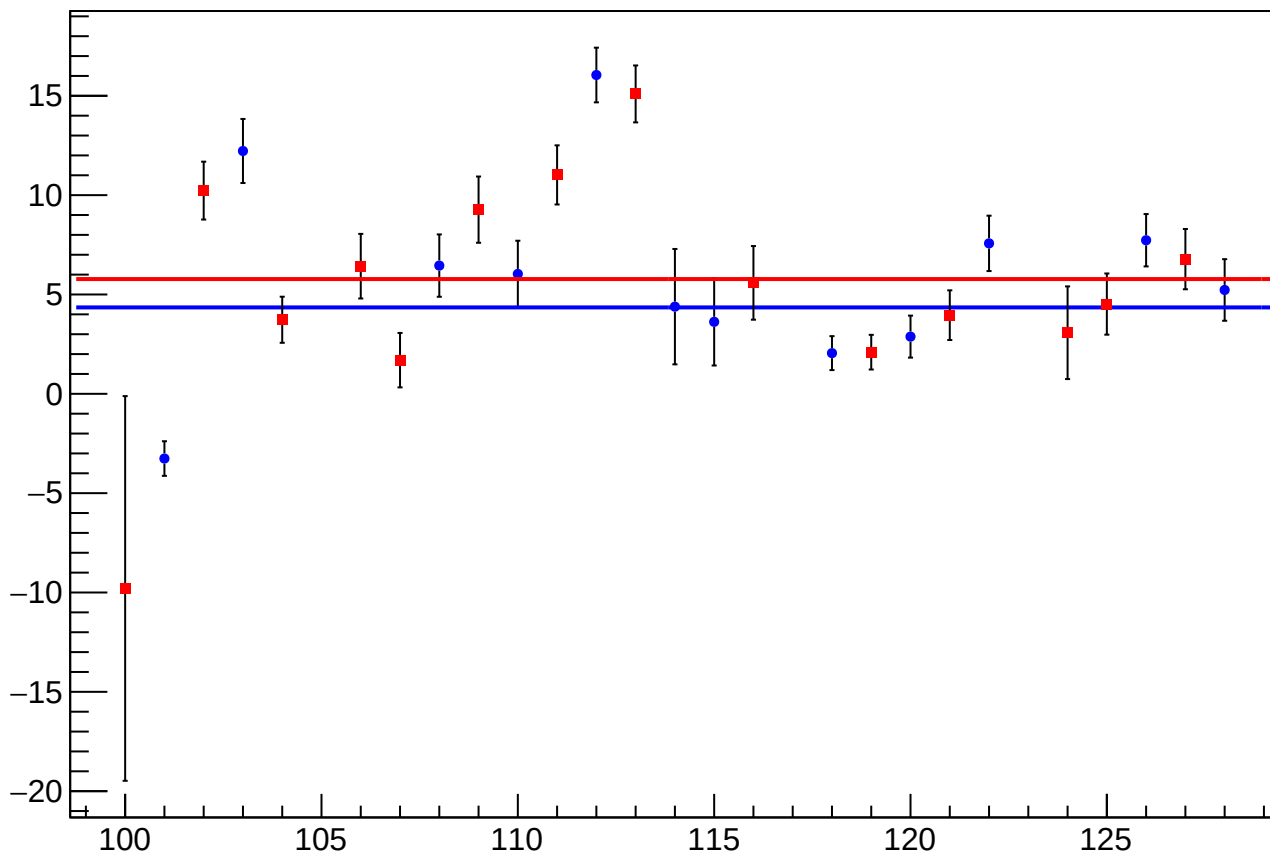
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -37.152 $\pm$ 0.256 χ^2 /NDF: 1303.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 4.349 $\pm$ 0.375 χ^2 /NDF: 196.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.777 $\pm$ 0.386 χ^2 /NDF: 105.5/13

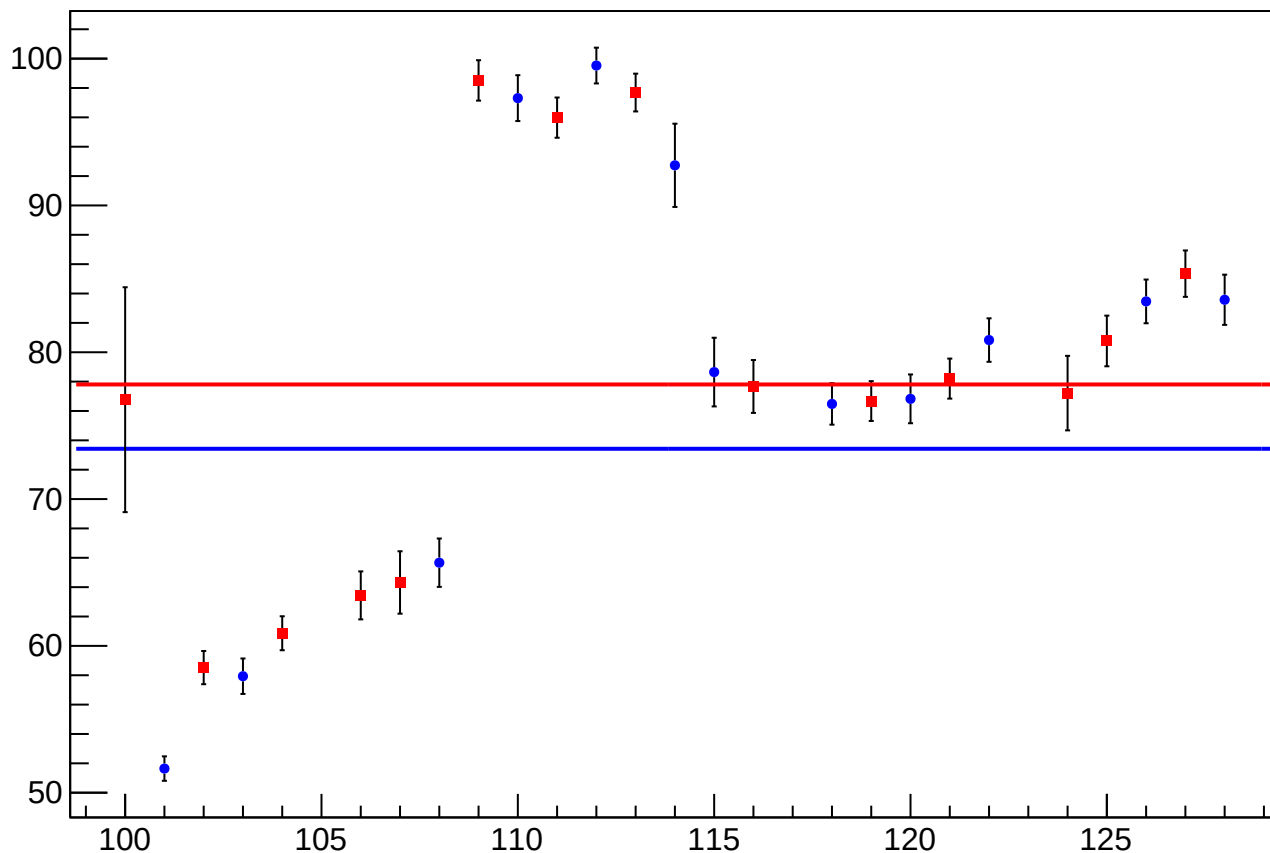
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.044 $\pm$ 0.269 χ^2 /NDF: 309.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 73.425+/-0.408 χ^2 /NDF: 1730.2/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 77.806+/-0.405 χ^2 /NDF: 1291.0/13

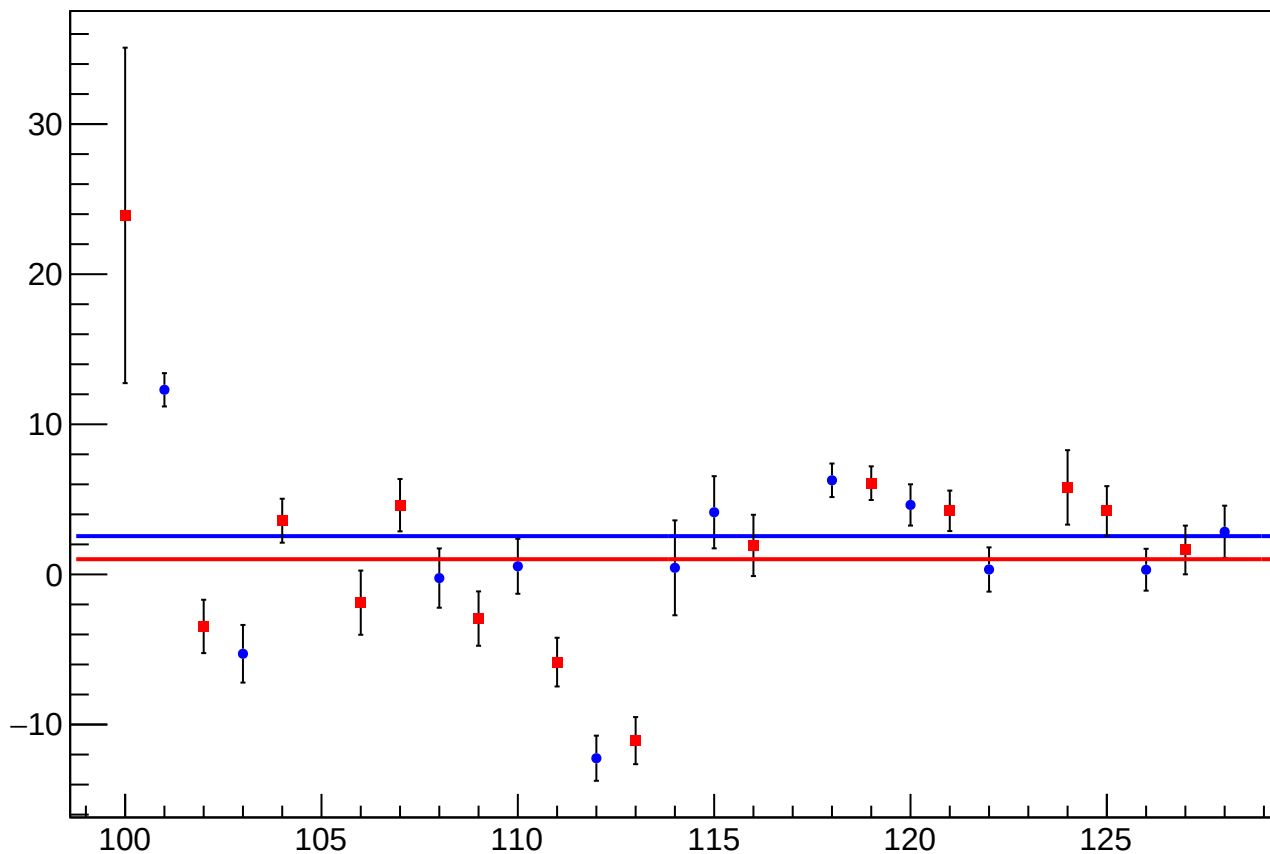
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 75.632+/-0.288 χ^2 /NDF: 3079.2/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 2.551+/-0.448 χ^2/NDF : 213.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.014+/-0.451 χ^2/NDF : 135.6/13

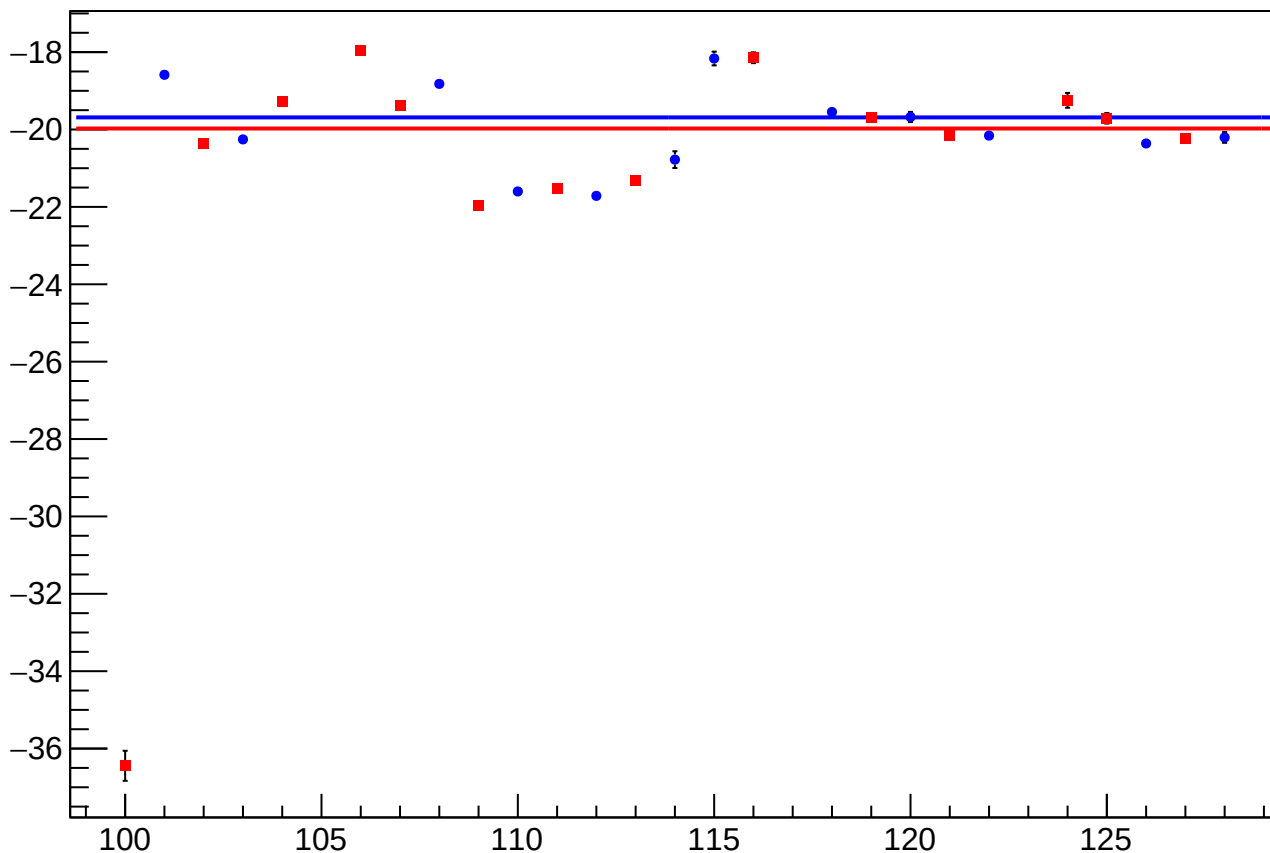
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.788+/-0.318 χ^2/NDF : 354.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -19.687 ± 0.025 $\chi^2/\text{NDF}: 1619.5/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -19.974 ± 0.024 $\chi^2/\text{NDF}: 3784.4/13$

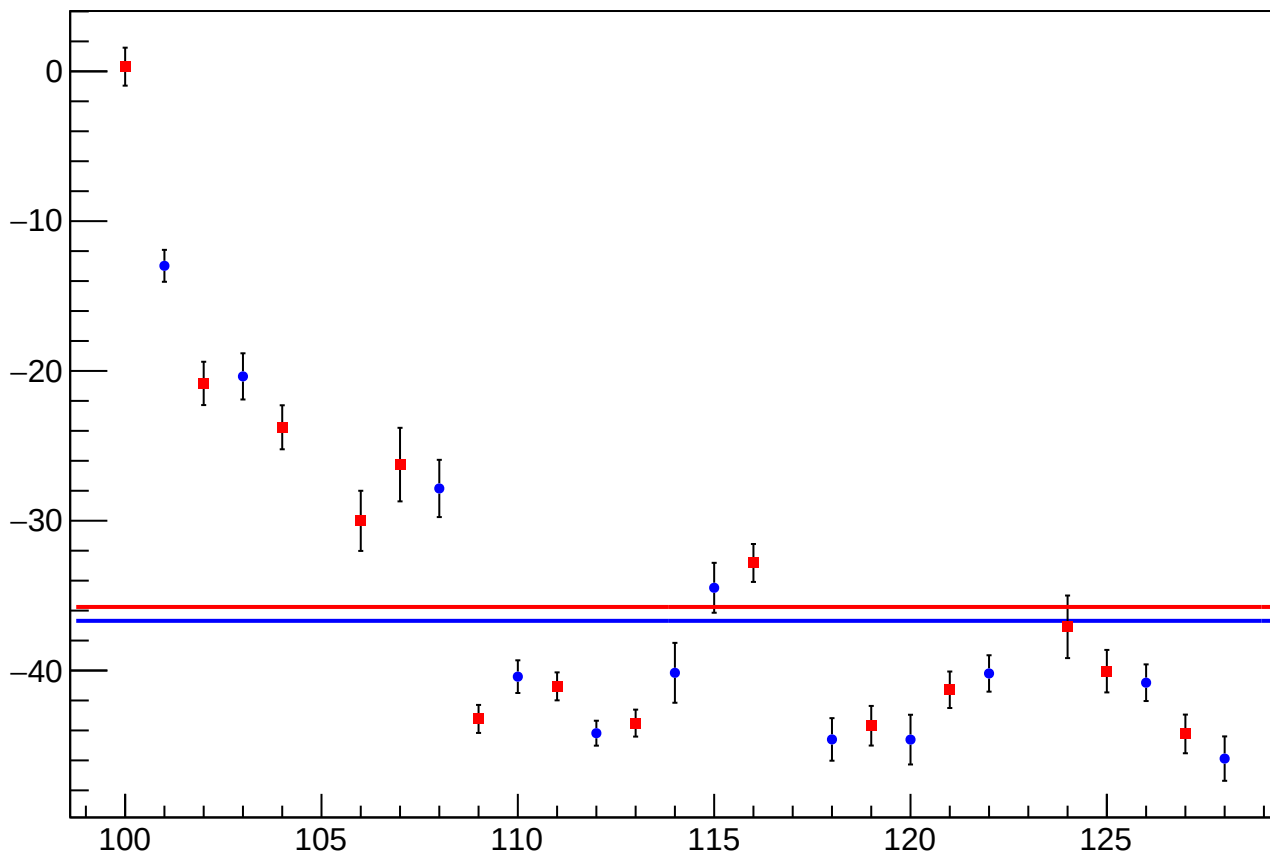
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -19.835 ± 0.017 $\chi^2/\text{NDF}: 5471.4/25$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_right_dd_diff_bpm1X_slope vs Slug



Right In: -36.683+/-0.375 χ^2/NDF : 837.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.756+/-0.339 χ^2/NDF : 1290.9/13

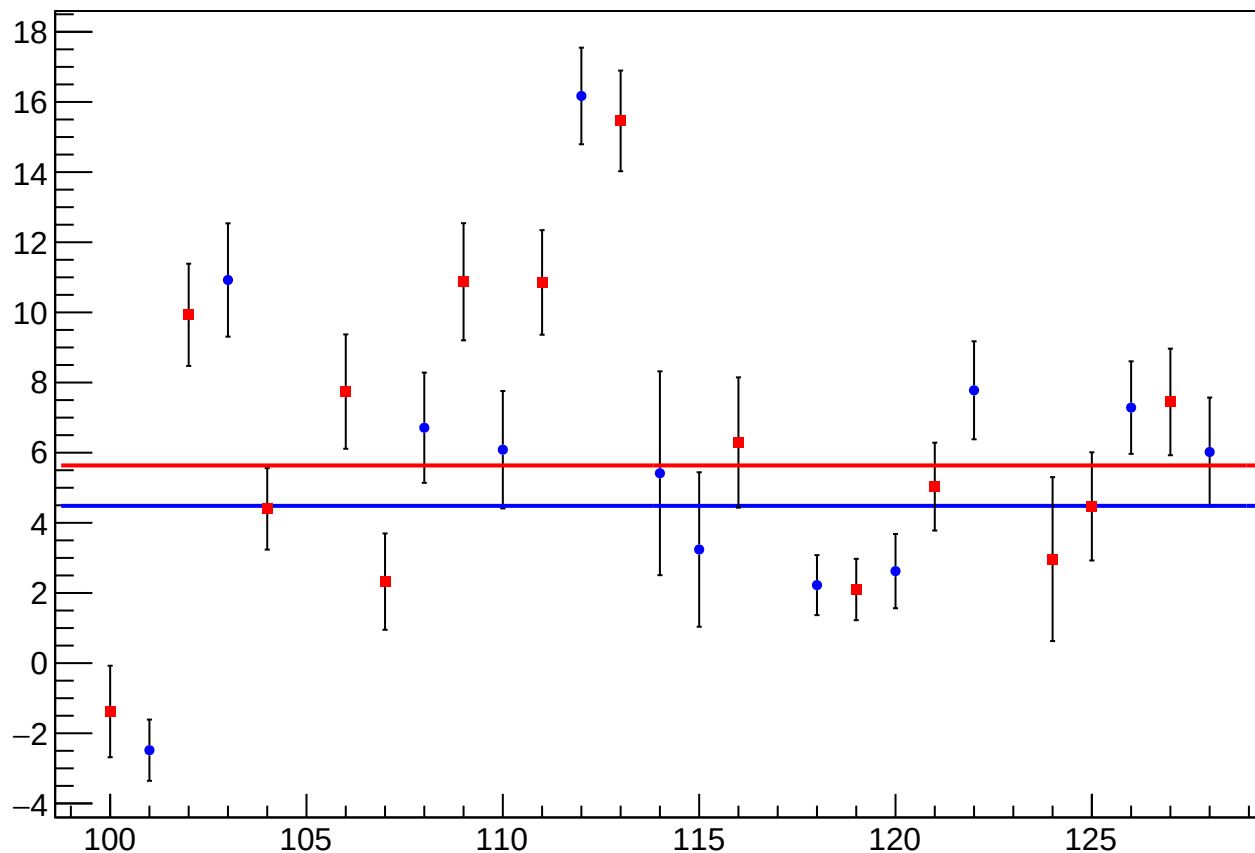
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.174+/-0.251 χ^2/NDF : 2132.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 4.484+/-0.376 χ^2/NDF : 176.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.636+/-0.371 χ^2/NDF : 135.2/13

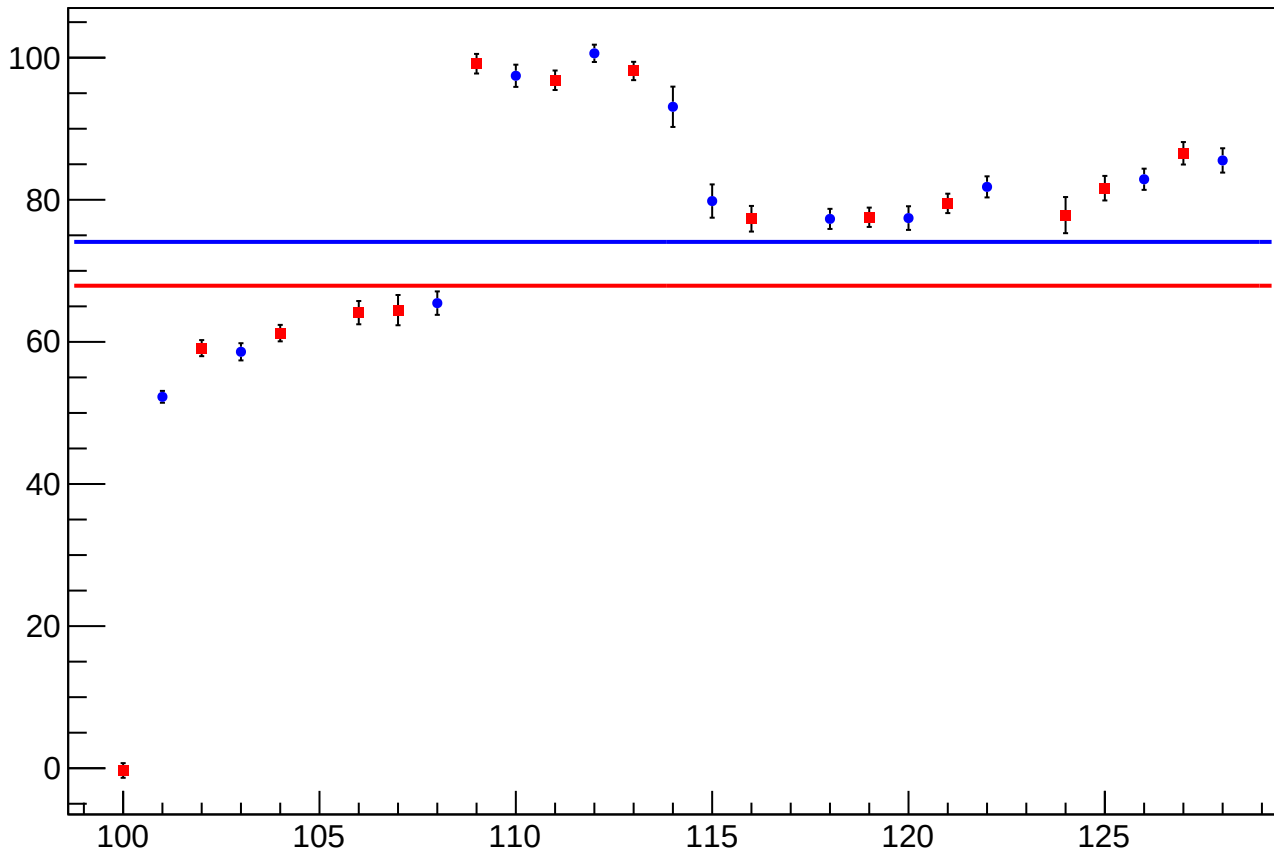
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.068+/-0.264 χ^2/NDF : 316.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 74.074 $\pm$ 0.409 χ^2 /NDF: 1738.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.906 $\pm$ 0.378 χ^2 /NDF: 6335.9/13

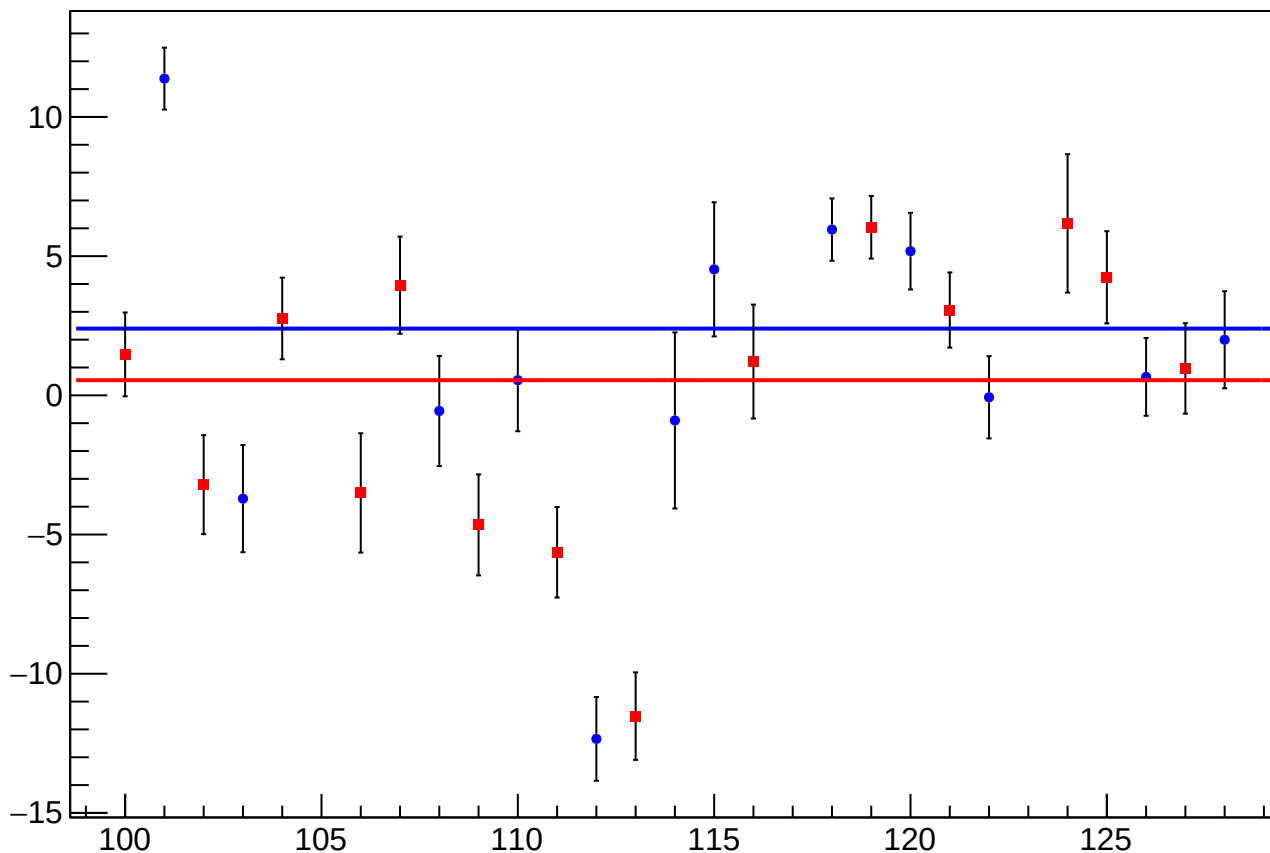
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 70.751 $\pm$ 0.278 χ^2 /NDF: 8197.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 2.397 $\pm$ 0.448 χ^2 /NDF: 195.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.543 $\pm$ 0.433 χ^2 /NDF: 133.8/13

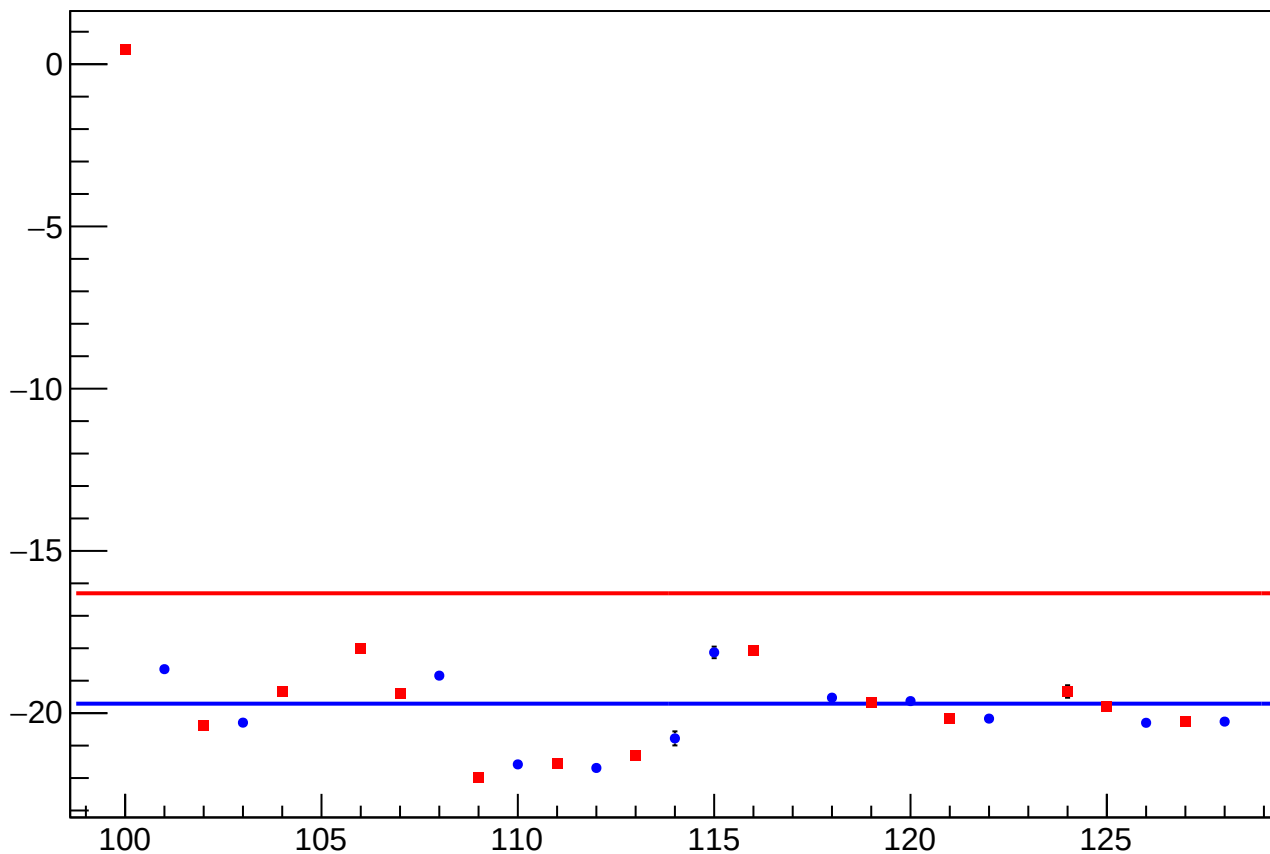
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.437 $\pm$ 0.311 χ^2 /NDF: 337.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -19.708 $\pm$ 0.025 χ^2 /NDF: 1557.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -16.306 $\pm$ 0.022 χ^2 /NDF: 126806.9/13

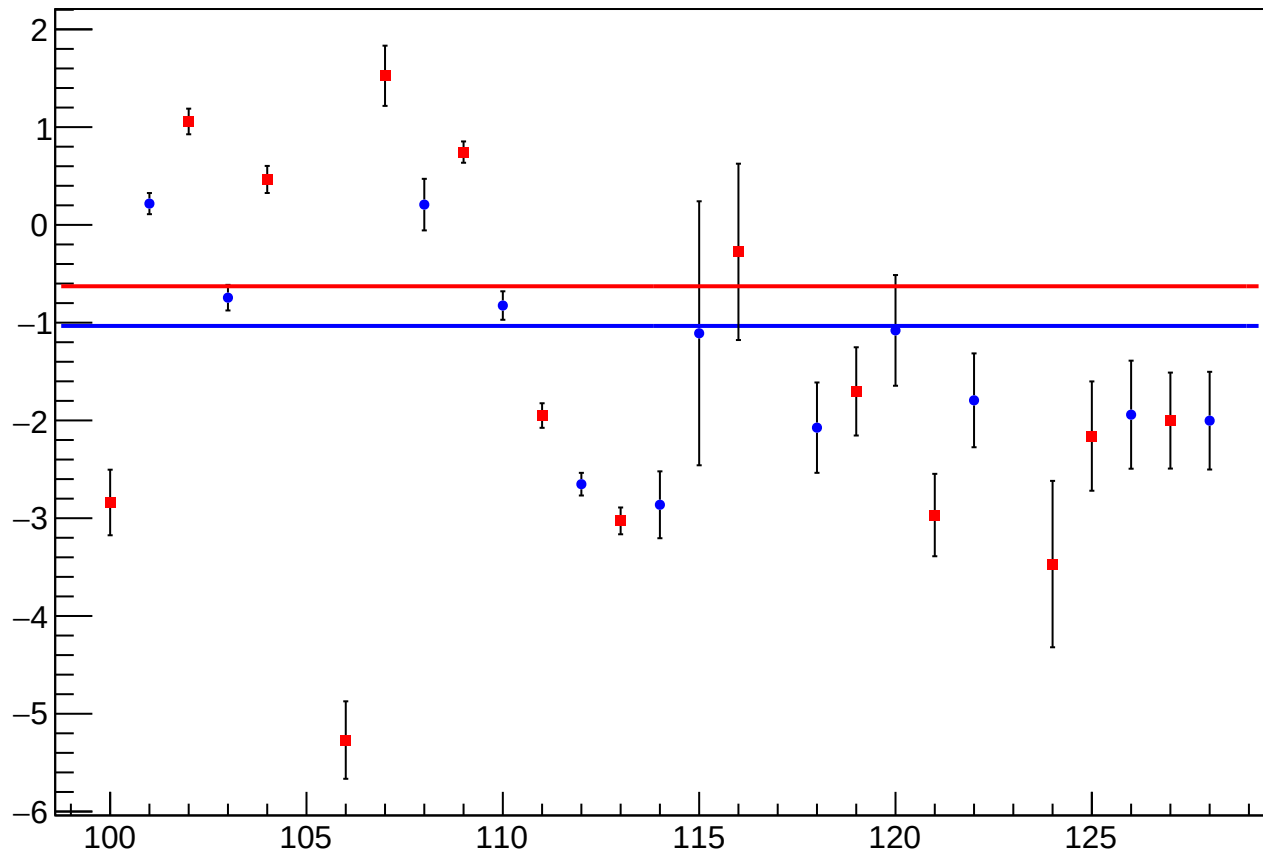
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -17.786 $\pm$ 0.017 χ^2 /NDF: 138695.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: -1.033+/-0.057 χ^2 /NDF: 400.8/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.628+/-0.053 χ^2 /NDF: 1096.0/13

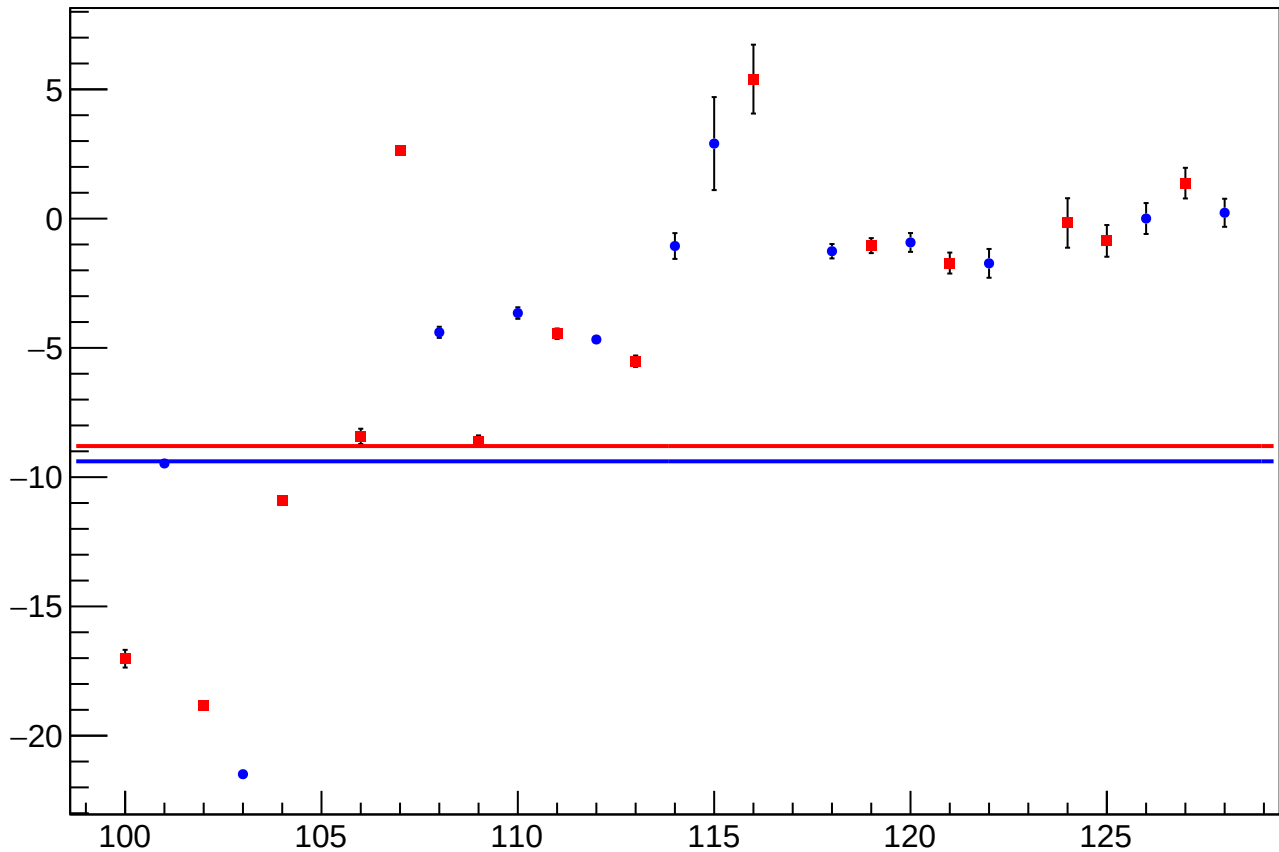
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.816+/-0.039 χ^2 /NDF: 1524.1/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -9.388+/-0.060 χ^2/NDF : 11873.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.797+/-0.061 χ^2/NDF : 12949.3/13

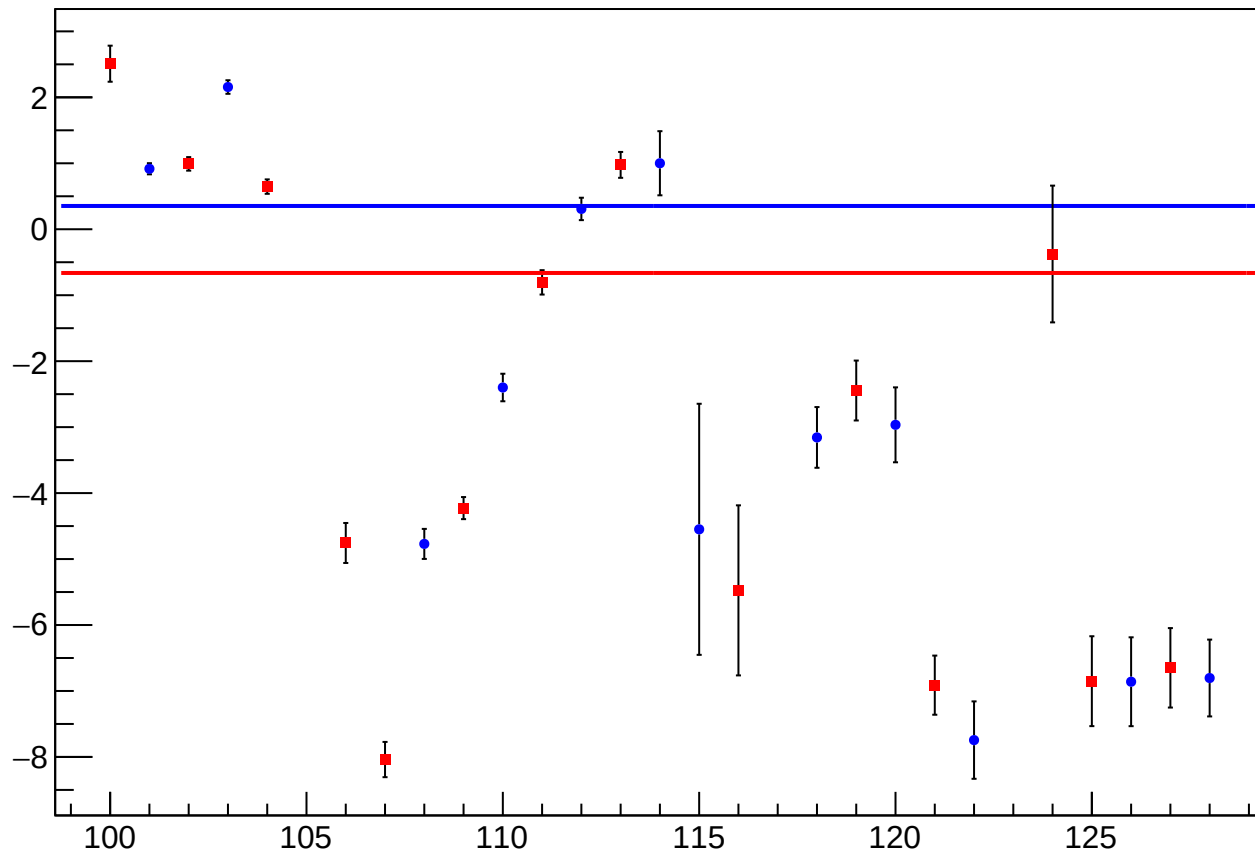
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.099+/-0.043 χ^2/NDF : 24870.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

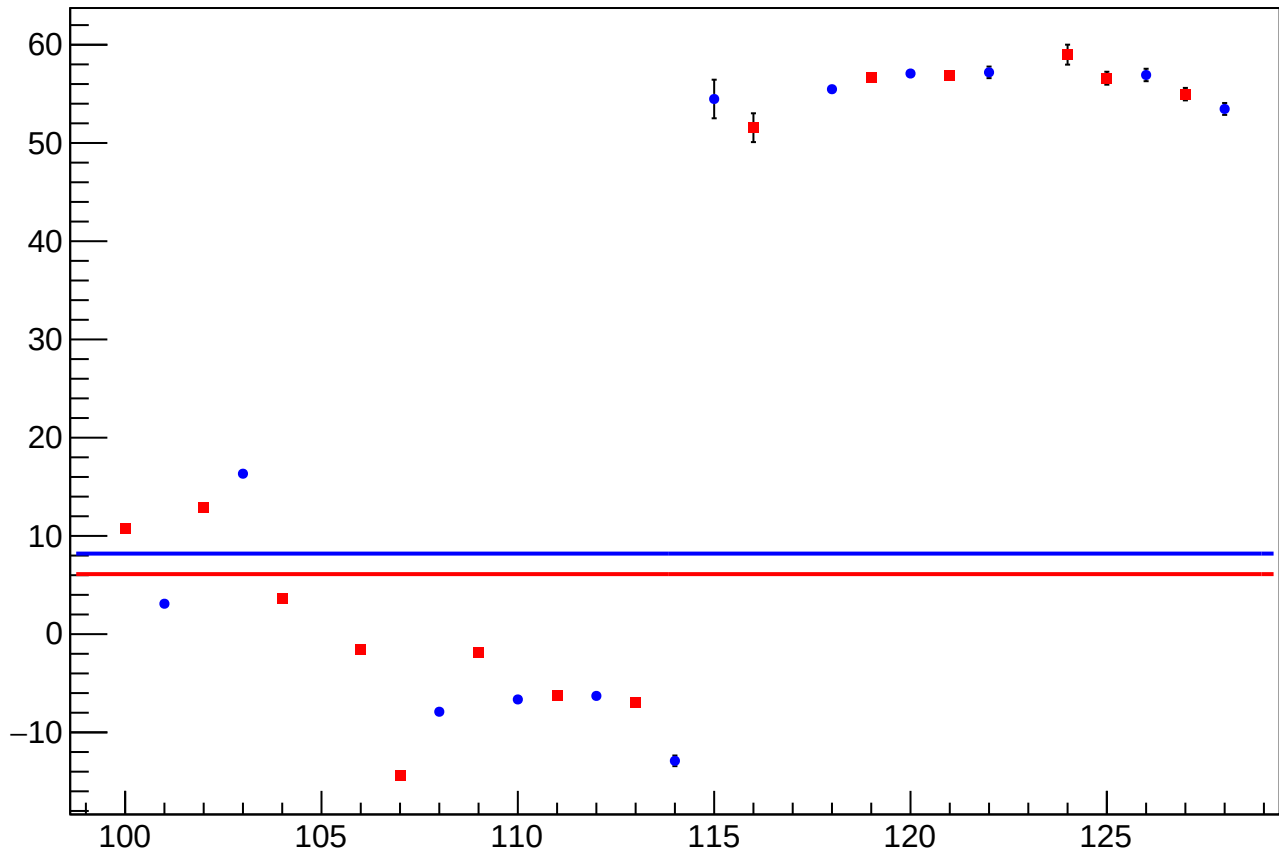
reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 0.353+/-0.055 χ^2/NDF : 1589.4/11
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.663+/-0.056 χ^2/NDF : 2410.6/13
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.149+/-0.039 χ^2/NDF : 4169.2/25
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 8.200 $\pm$ 0.072 χ^2 /NDF: 64572.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.110 $\pm$ 0.072 χ^2 /NDF: 65306.7/13

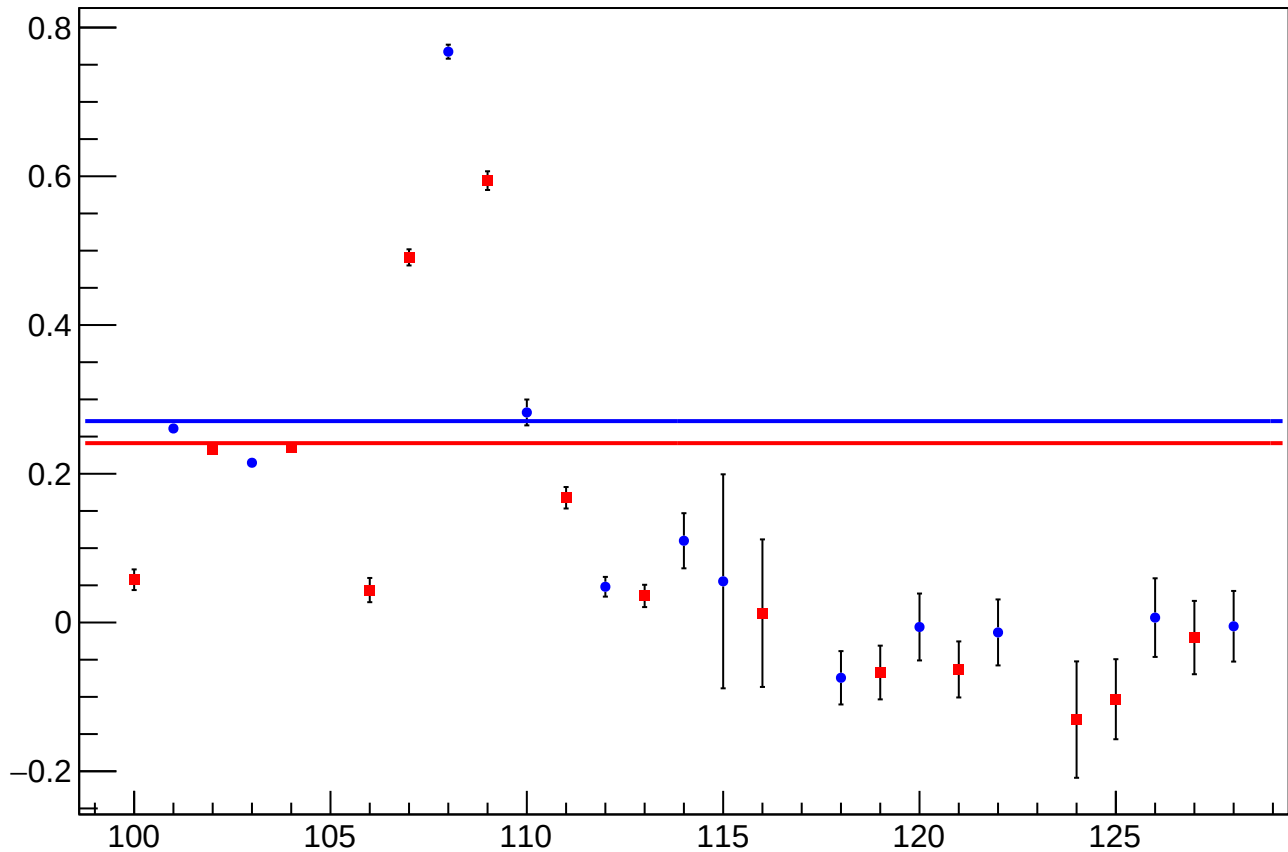
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.160 $\pm$ 0.051 χ^2 /NDF: 130299.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.271+/-0.003 χ^2/NDF : 3484.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.241+/-0.003 χ^2/NDF : 2091.7/13

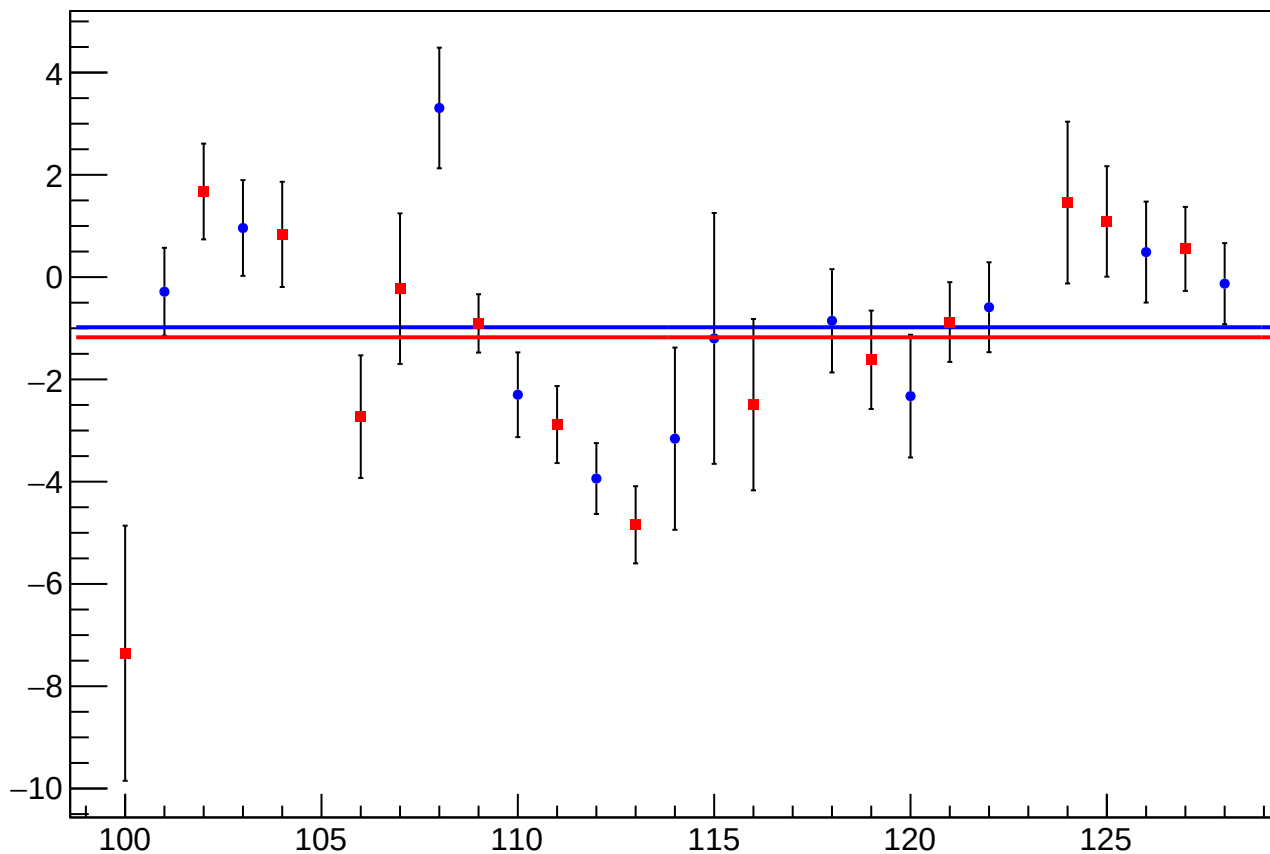
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.256+/-0.002 χ^2/NDF : 5629.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: -0.981 ± 0.279 χ^2/NDF : 45.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.177 ± 0.251 χ^2/NDF : 62.9/13

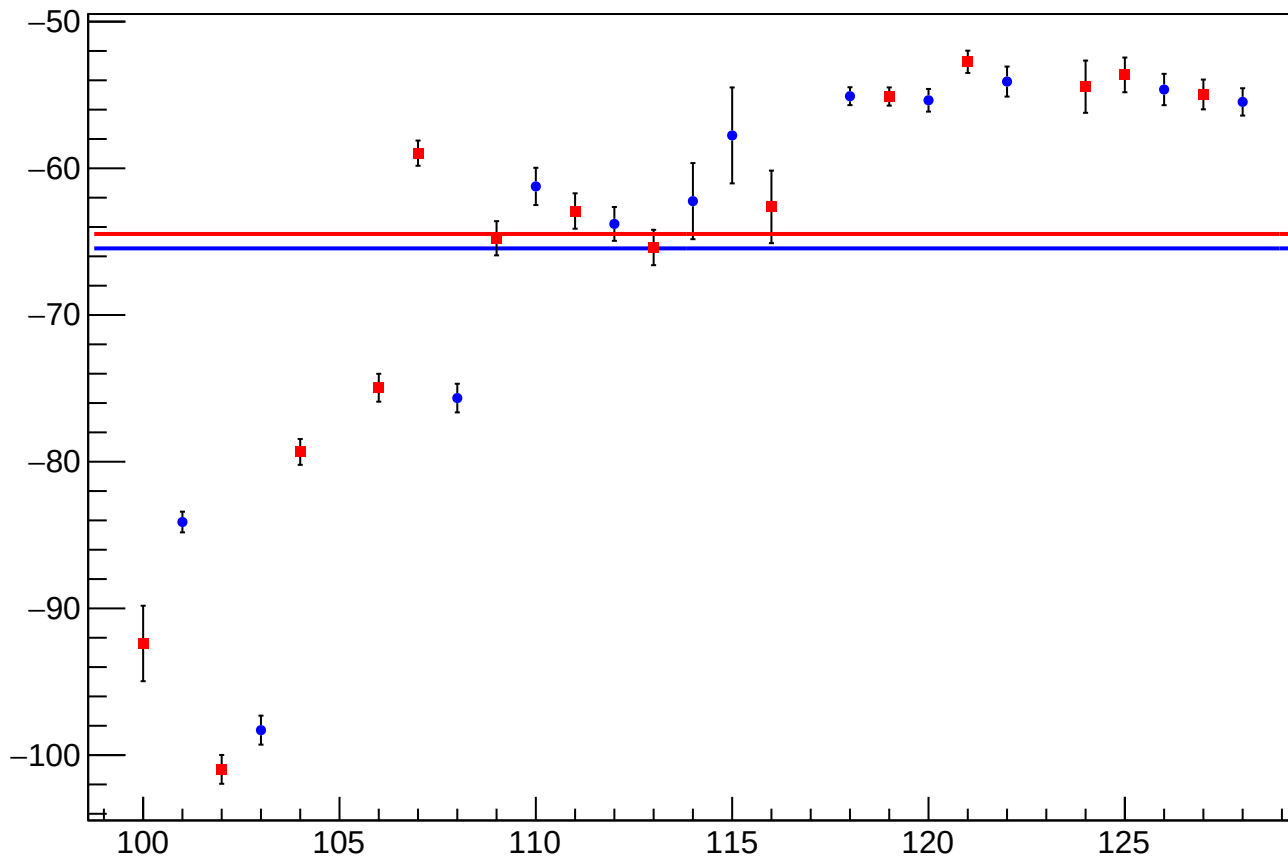
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.089 ± 0.187 χ^2/NDF : 108.4/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -65.459 ± 0.277 χ^2/NDF : 2731.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -64.475 ± 0.272 χ^2/NDF : 2617.2/13

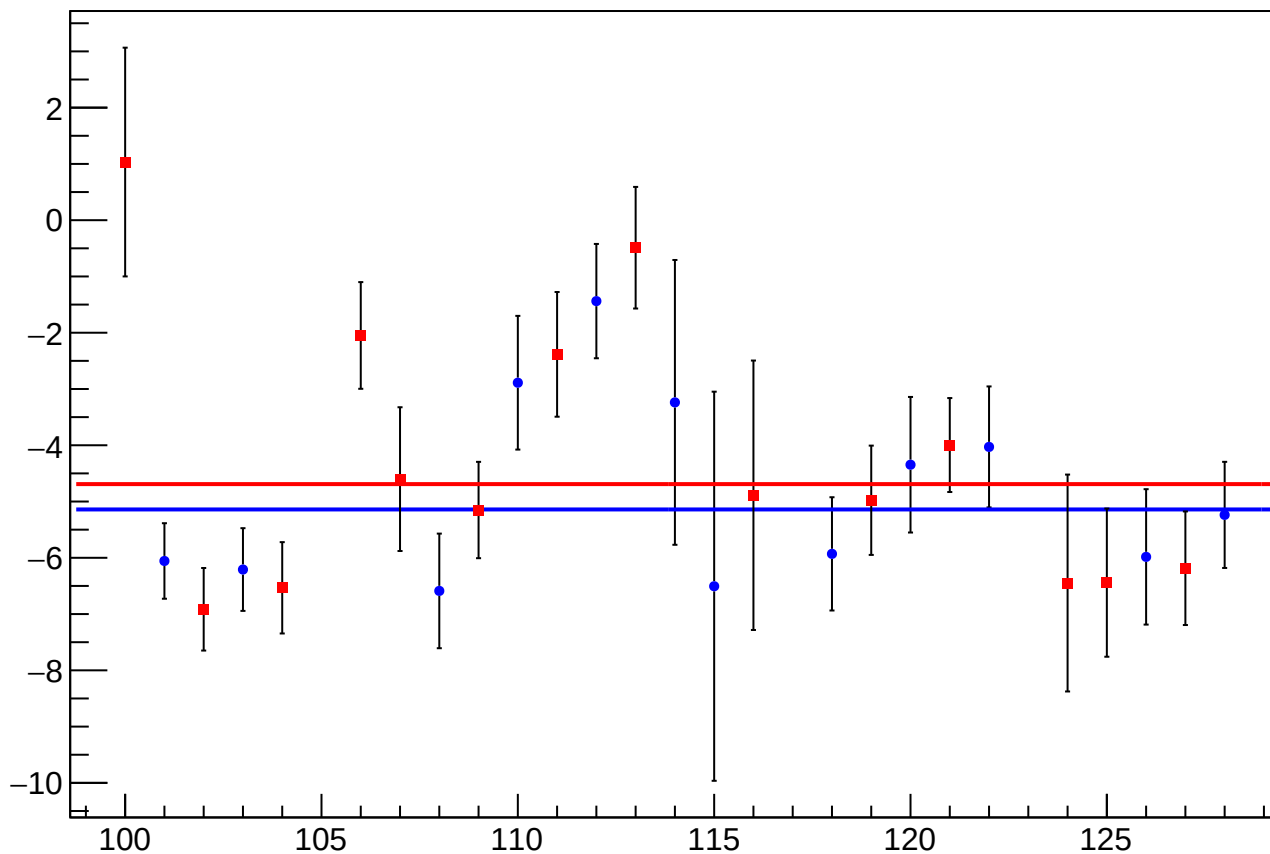
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -64.957 ± 0.194 χ^2/NDF : 5355.1/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: -5.141 ± 0.297 χ^2/NDF : 26.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.690 ± 0.279 χ^2/NDF : 55.4/13

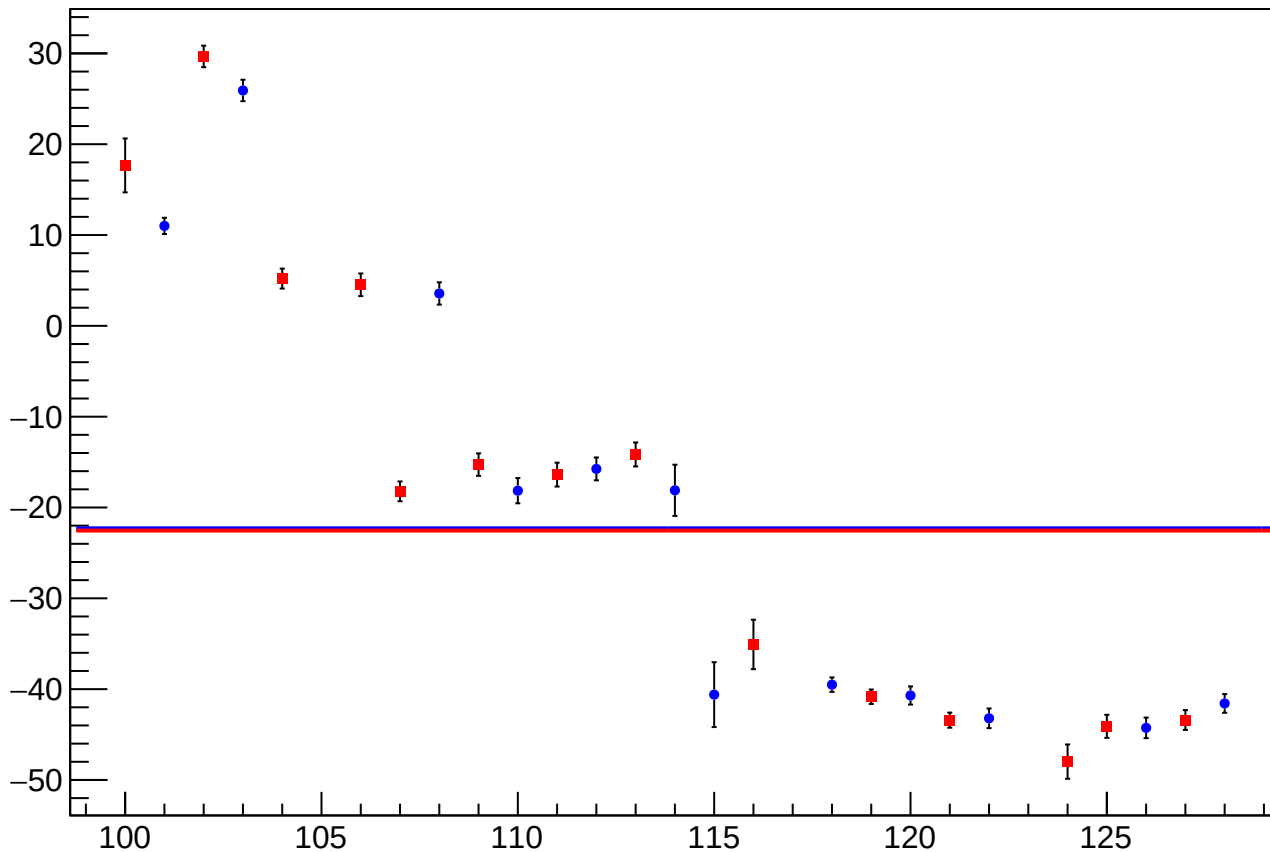
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.901 ± 0.203 χ^2/NDF : 82.8/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -22.296 $\pm$ 0.331 χ^2 /NDF: 5471.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -22.540 $\pm$ 0.319 χ^2 /NDF: 5358.0/13

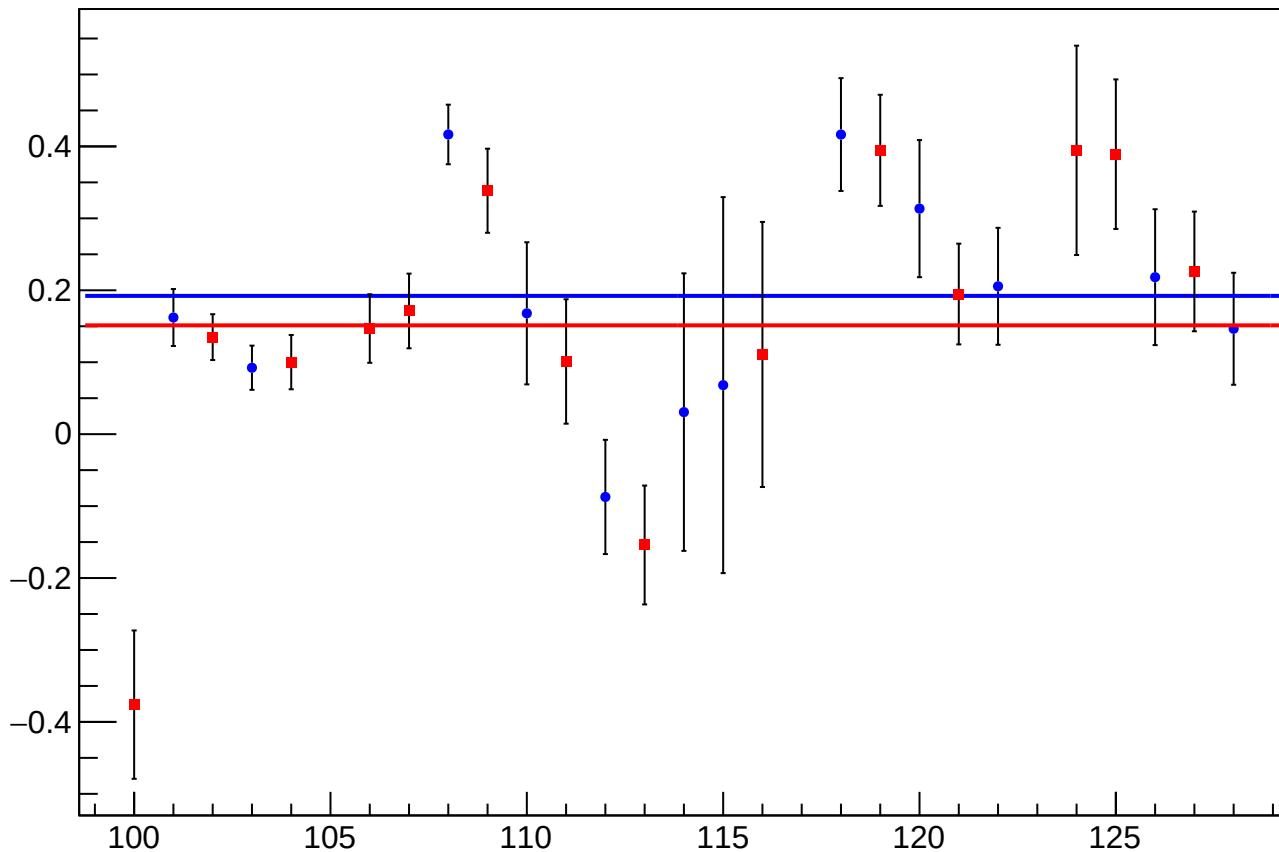
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -22.423 $\pm$ 0.229 χ^2 /NDF: 10830.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.192 $\pm$ 0.017 χ^2 /NDF: 64.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.151 $\pm$ 0.016 χ^2 /NDF: 71.9/13

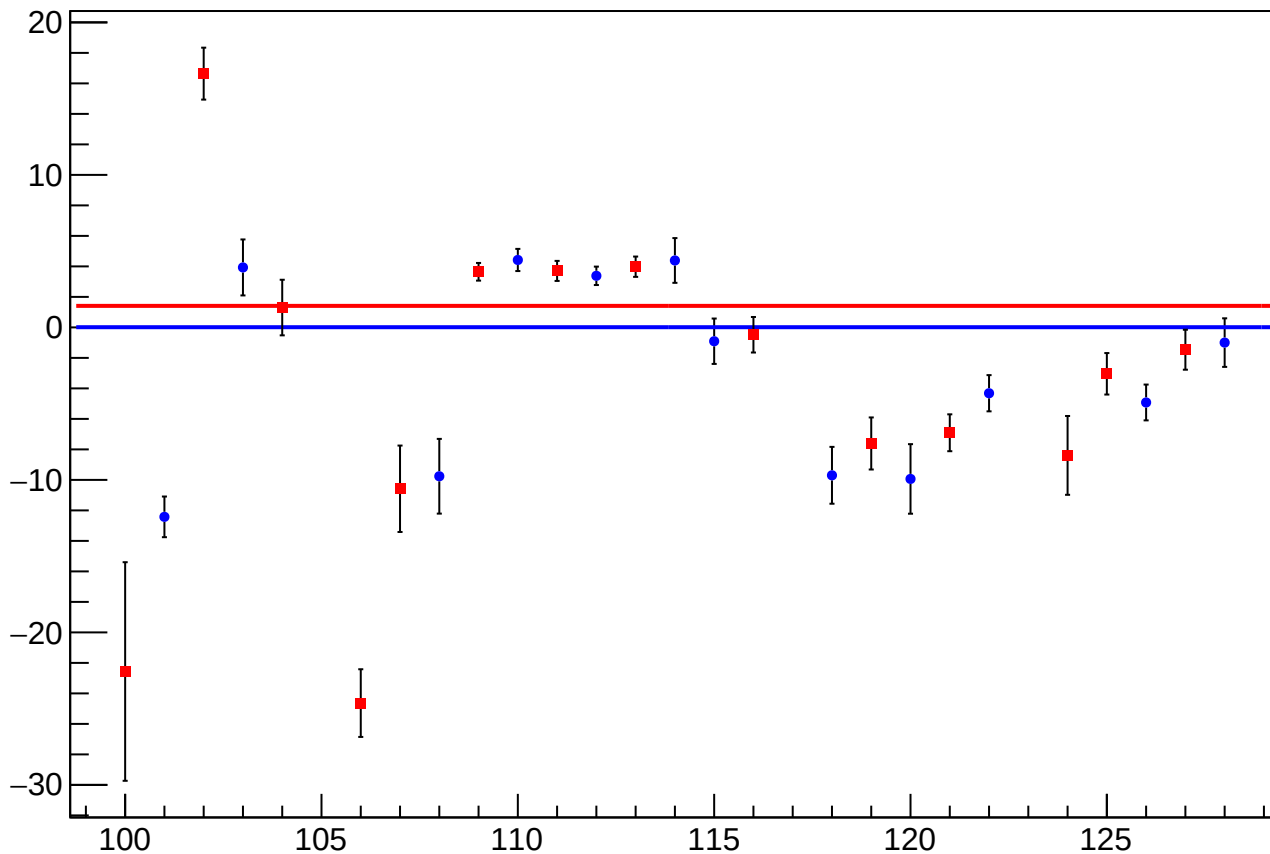
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.170 $\pm$ 0.012 χ^2 /NDF: 139.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: 0.012 $\pm$ 0.335 χ^2 /NDF: 262.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.411 $\pm$ 0.294 χ^2 /NDF: 396.6/13

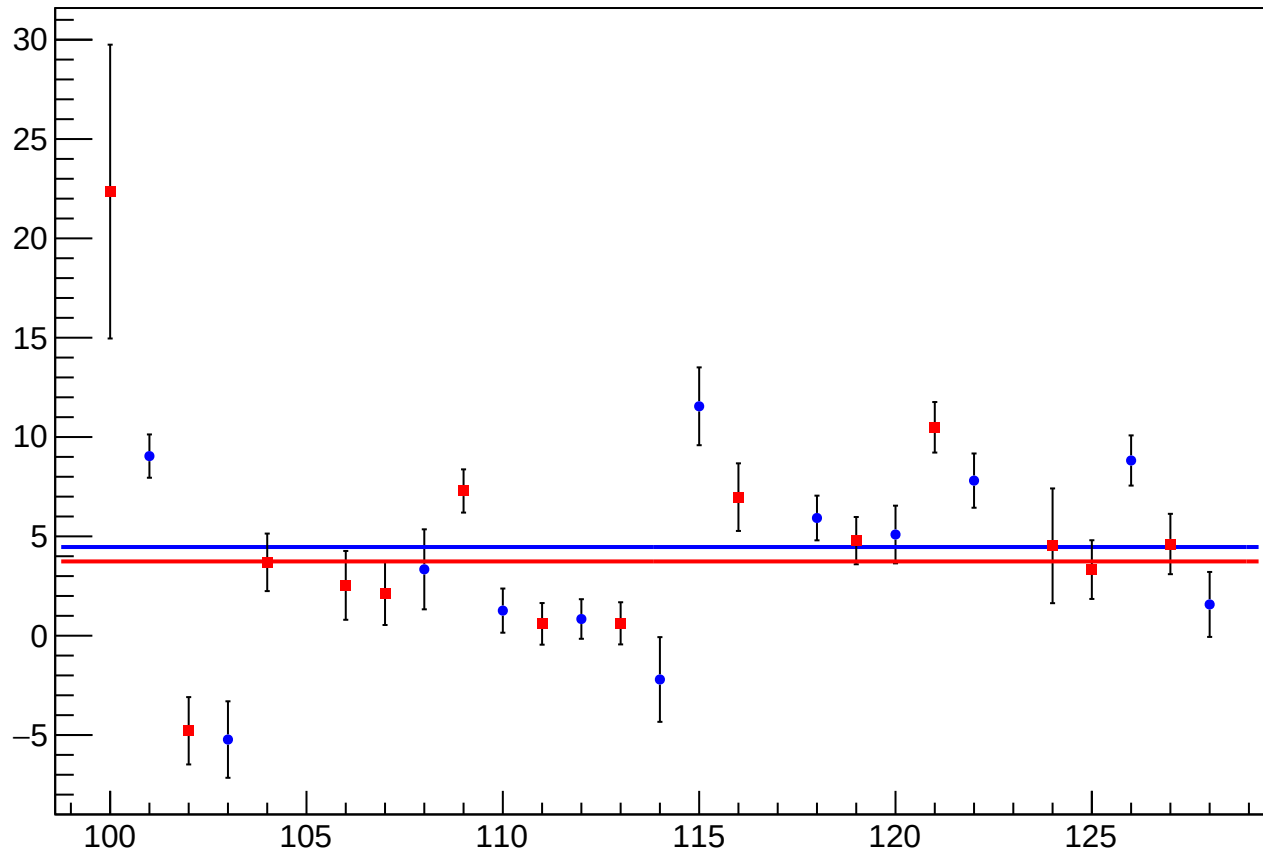
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.804 $\pm$ 0.221 χ^2 /NDF: 668.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 4.464+/-0.394 χ^2/NDF : 110.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.738+/-0.381 χ^2/NDF : 94.4/13

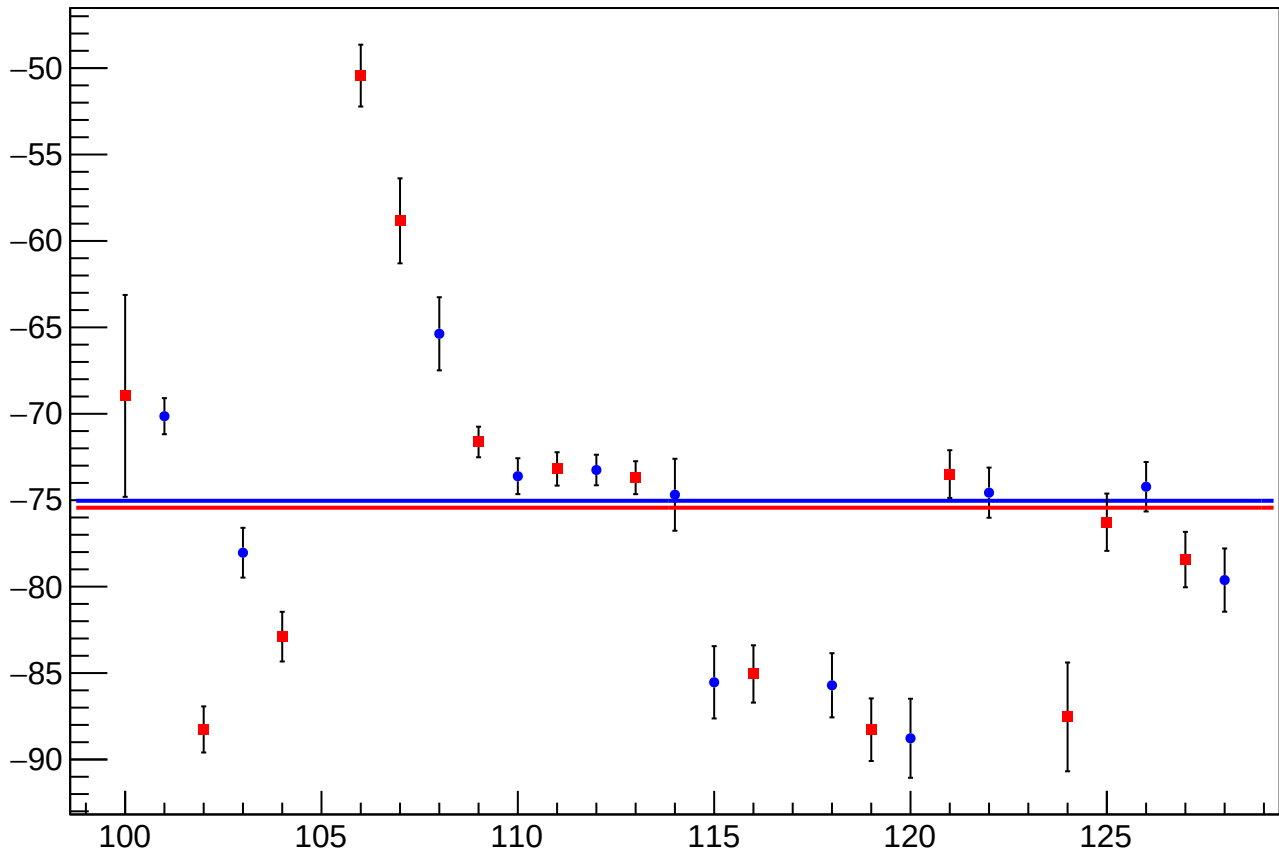
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.089+/-0.274 χ^2/NDF : 206.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -75.033 ± 0.407 χ^2/NDF : 154.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -75.433 ± 0.377 χ^2/NDF : 493.1/13

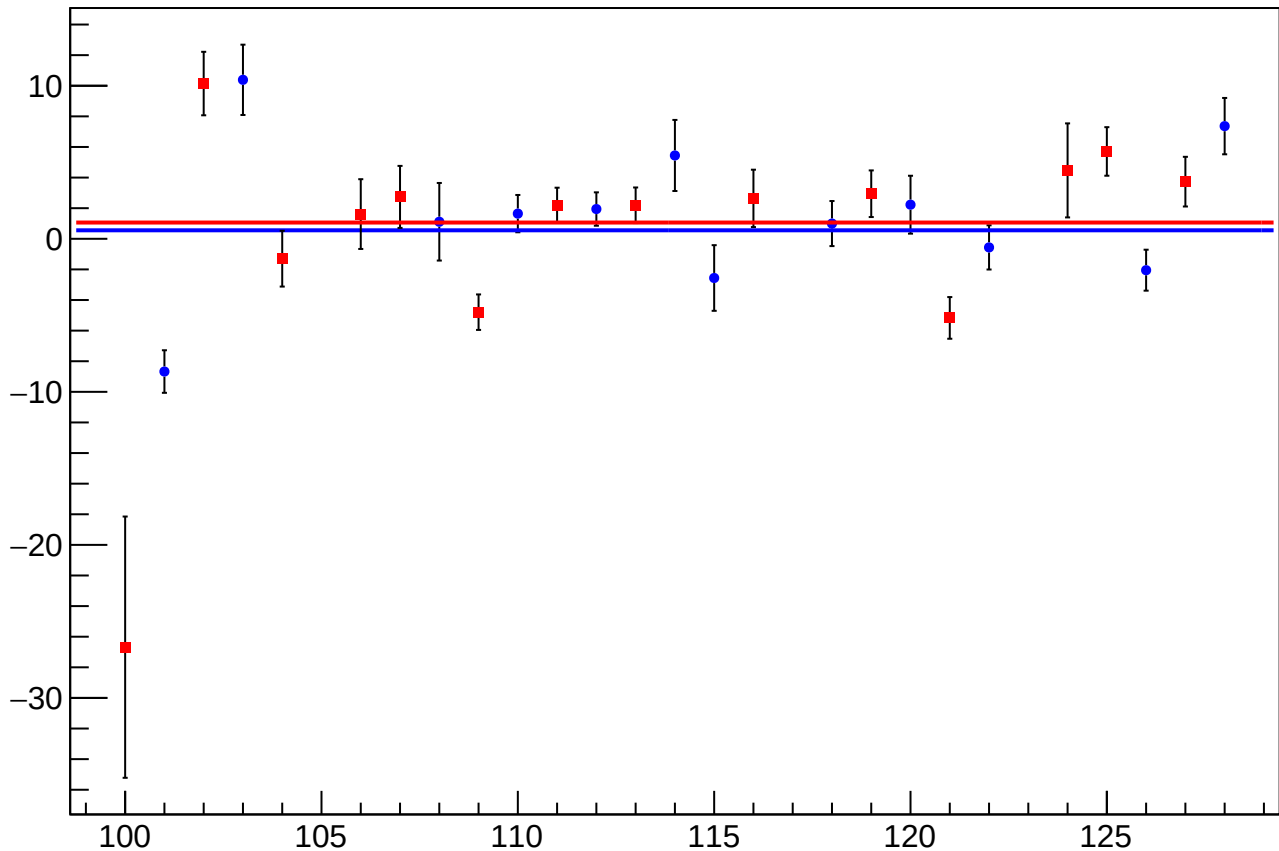
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -75.249 ± 0.276 χ^2/NDF : 647.9/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 0.555 $\pm$ 0.454 χ^2 /NDF: 90.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.062 $\pm$ 0.432 χ^2 /NDF: 95.3/13

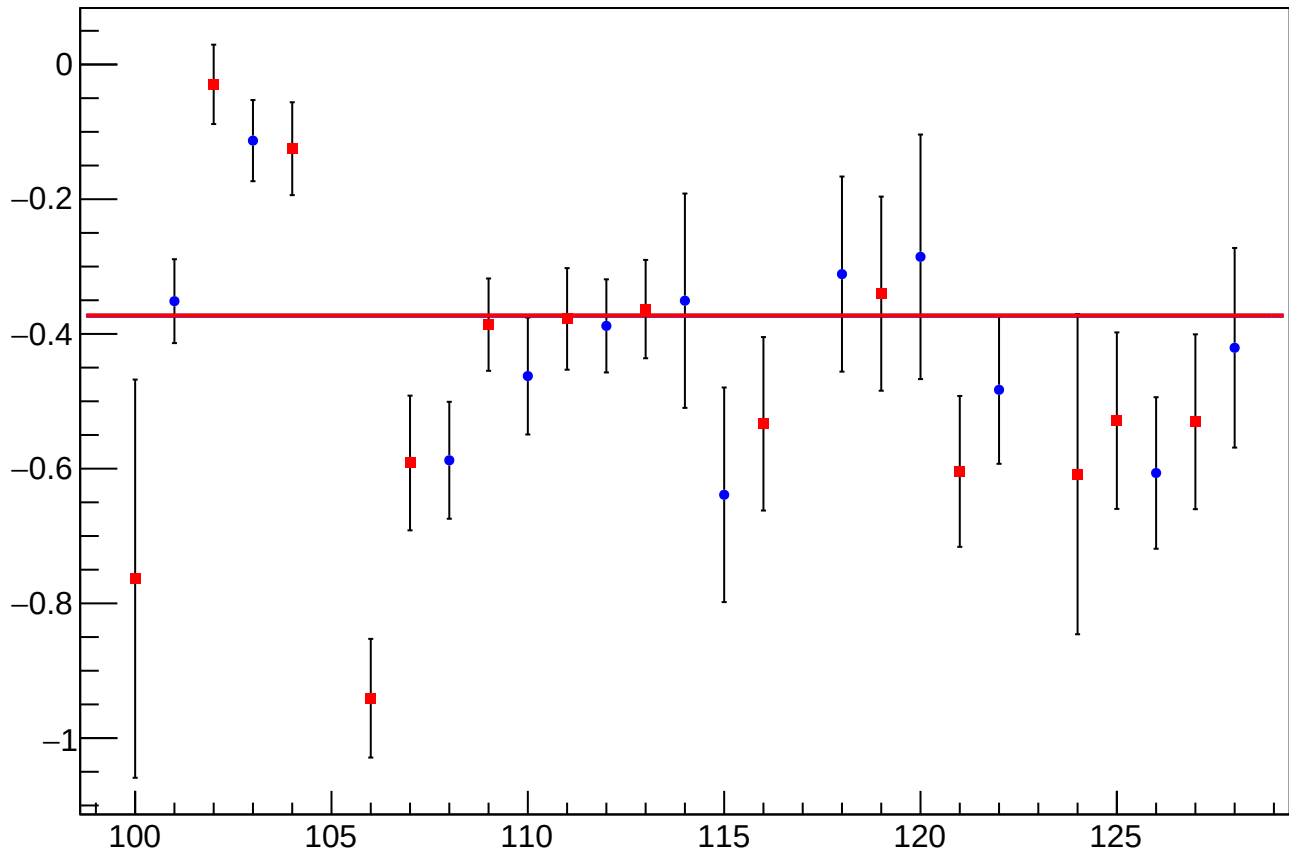
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.821 $\pm$ 0.313 χ^2 /NDF: 186.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.373 ± 0.027 χ^2/NDF : 34.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.373 ± 0.025 χ^2/NDF : 104.8/13

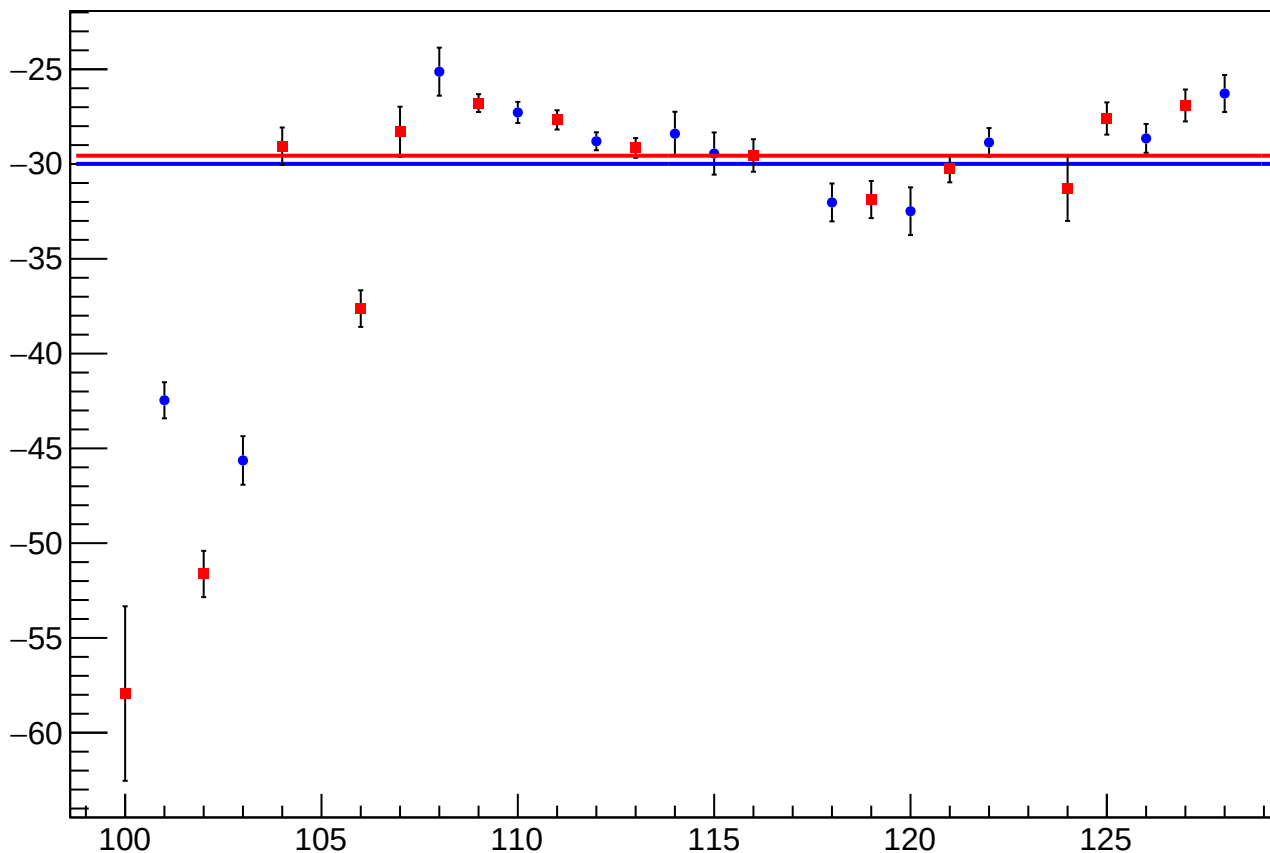
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.373 ± 0.018 χ^2/NDF : 139.3/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: -29.991 ± 0.237 χ^2/NDF : 395.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -29.560 ± 0.209 χ^2/NDF : 508.1/13

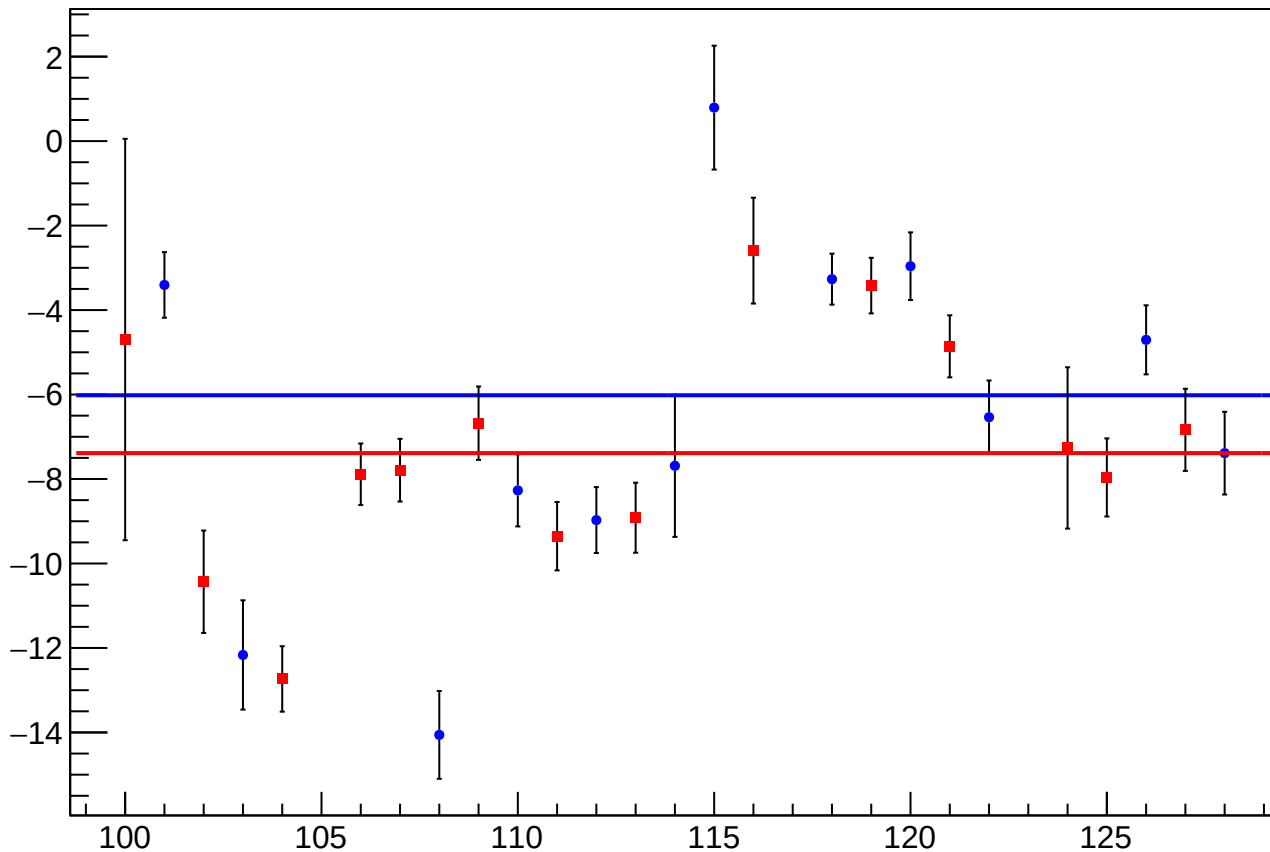
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -29.748 ± 0.157 χ^2/NDF : 905.6/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -6.017 $\pm$ 0.257 χ^2 /NDF: 177.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -7.386 $\pm$ 0.238 χ^2 /NDF: 128.6/13

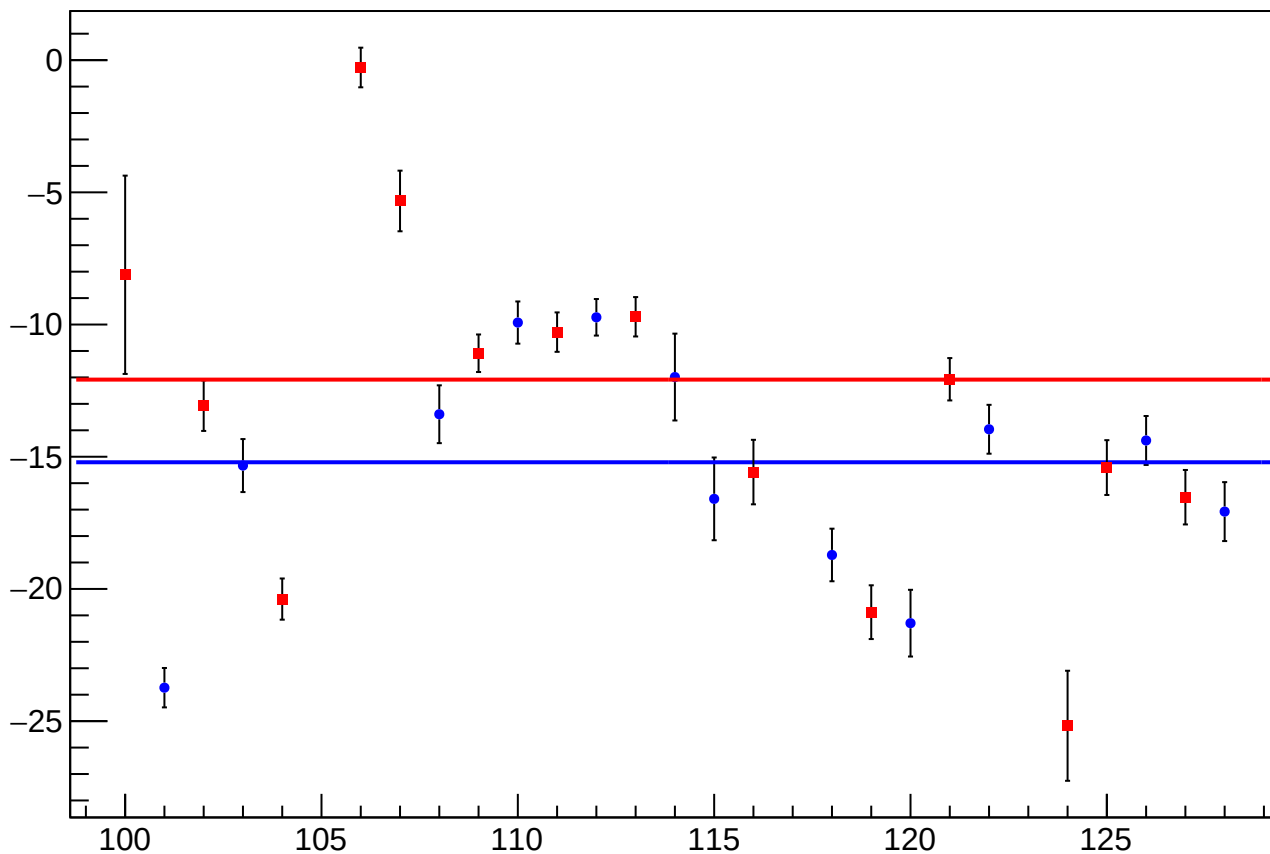
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.754 $\pm$ 0.174 χ^2 /NDF: 321.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: -15.209 ± 0.279 χ^2/NDF : 286.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -12.083 ± 0.248 χ^2/NDF : 568.0/13

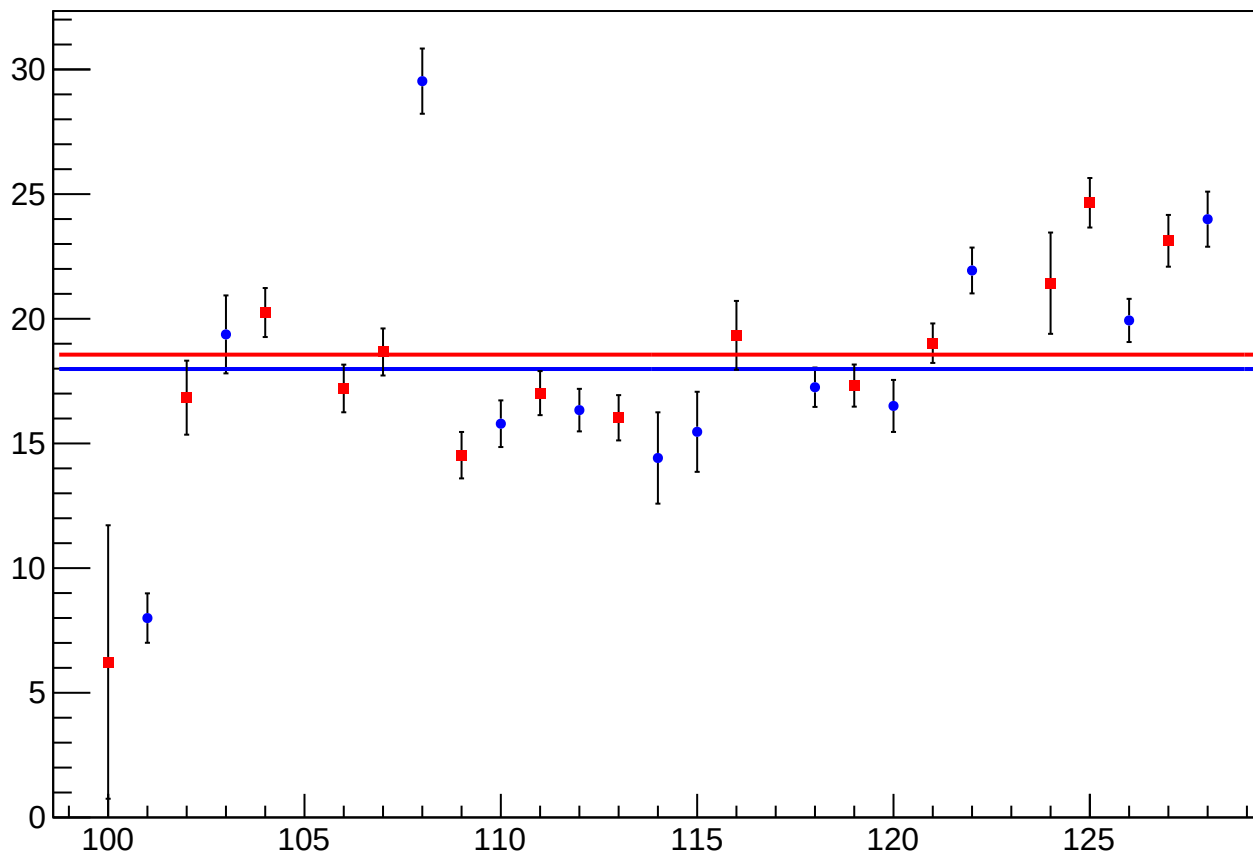
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.464 ± 0.185 χ^2/NDF : 924.3/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 17.986 $\pm$ 0.301 χ^2 /NDF: 251.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.562 $\pm$ 0.276 χ^2 /NDF: 102.7/13

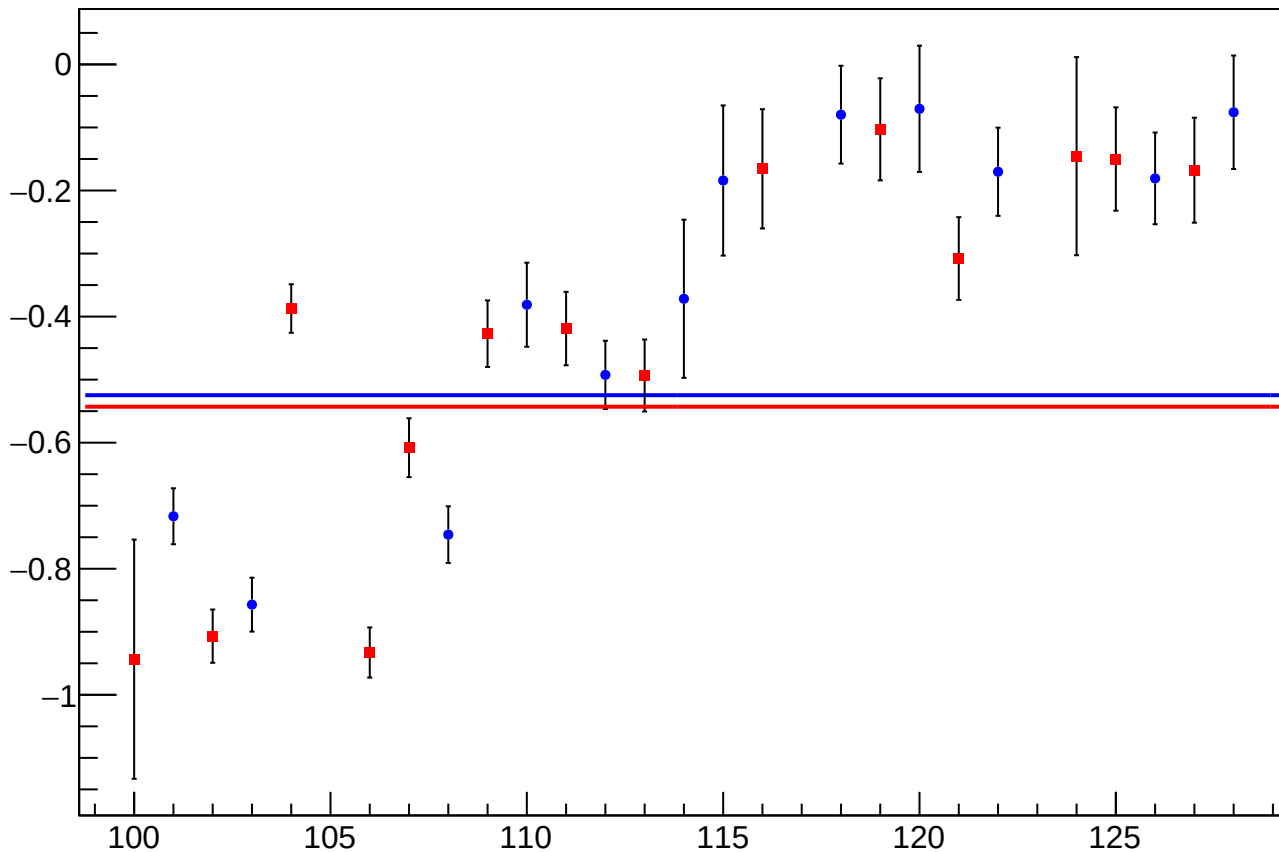
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.298 $\pm$ 0.203 χ^2 /NDF: 356.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.525 ± 0.018 $\chi^2/\text{NDF}: 244.3/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.543 ± 0.016 $\chi^2/\text{NDF}: 310.9/13$

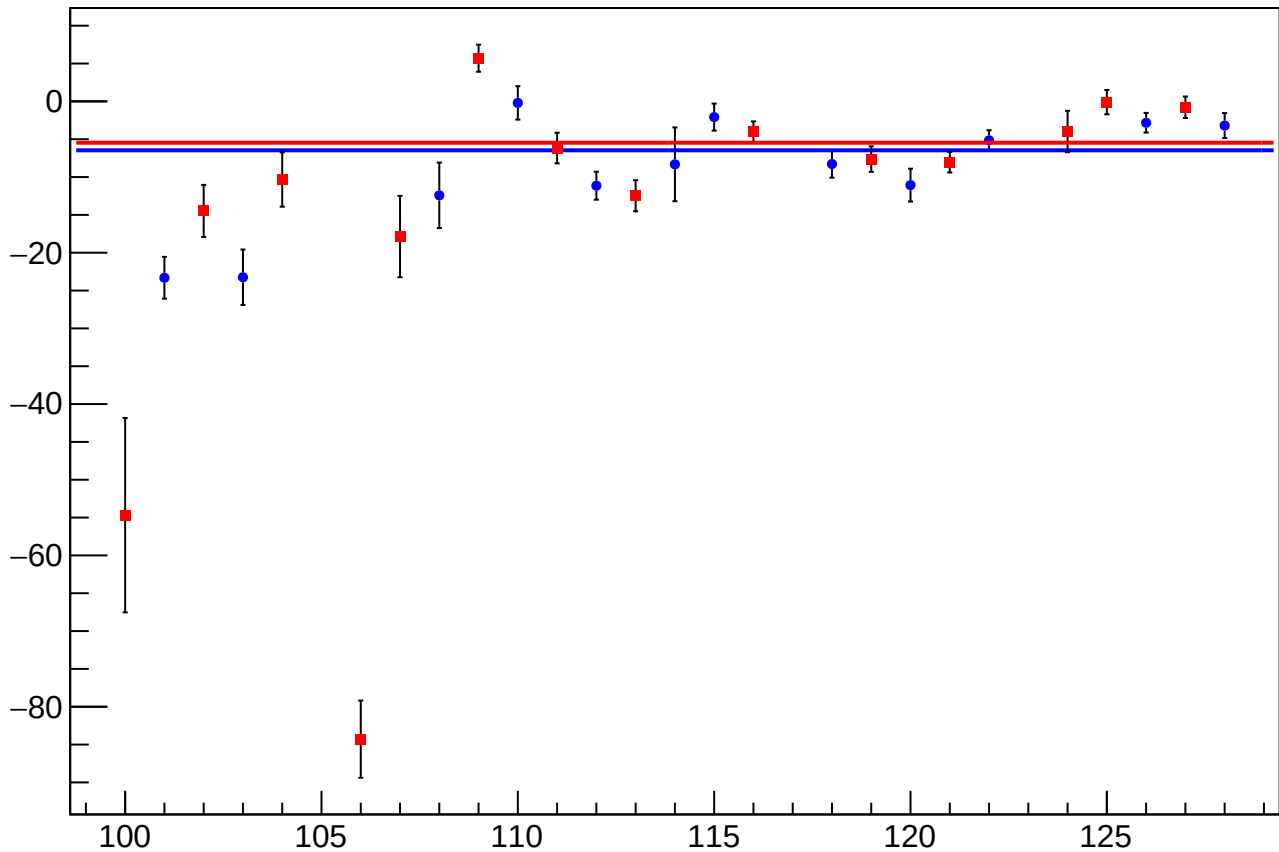
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.535 ± 0.012 $\chi^2/\text{NDF}: 555.8/25$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: -6.464 $\pm$ 0.563 χ^2 /NDF: 99.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -5.461 $\pm$ 0.536 χ^2 /NDF: 346.7/13

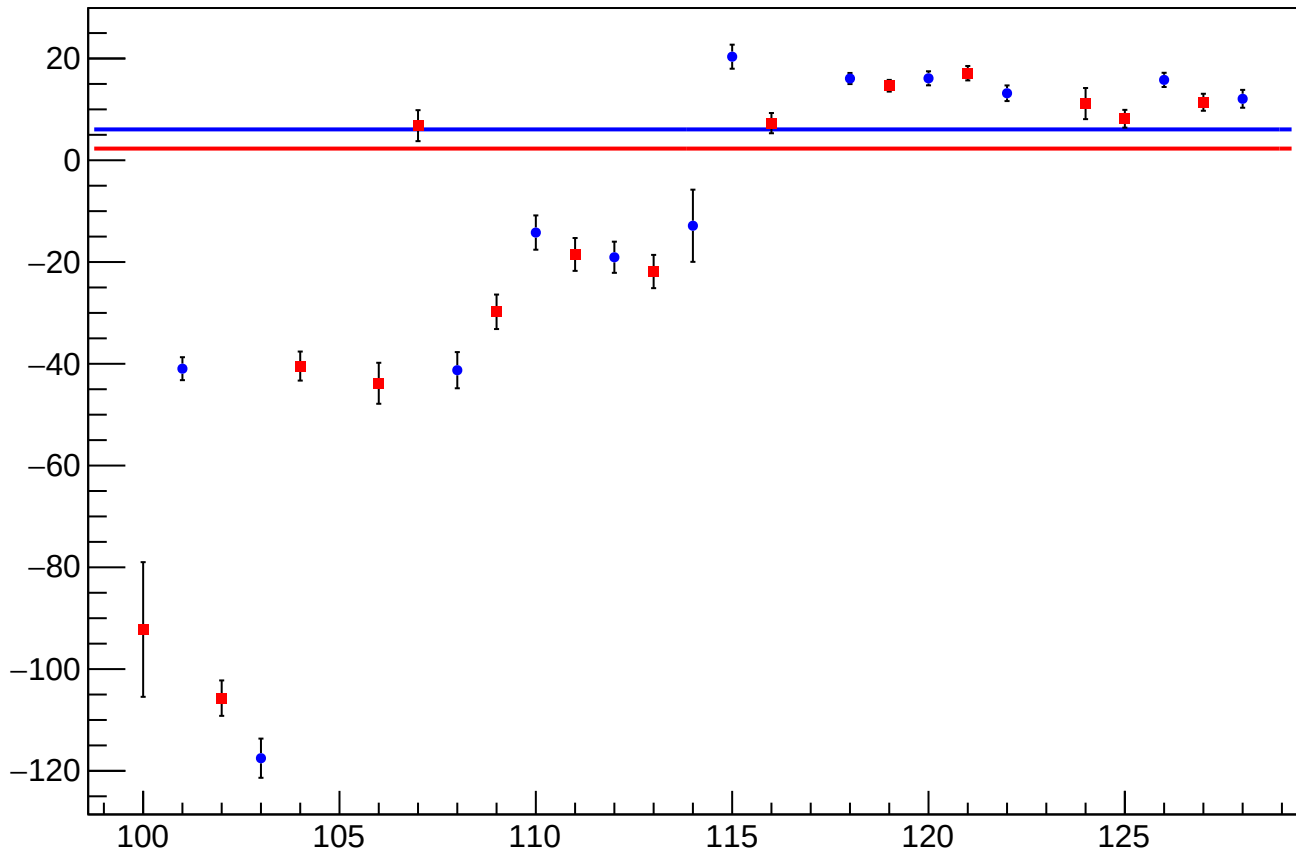
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.937 $\pm$ 0.388 χ^2 /NDF: 447.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 6.065+/-0.546 χ^2/NDF : 2006.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.296+/-0.582 χ^2/NDF : 1837.1/13

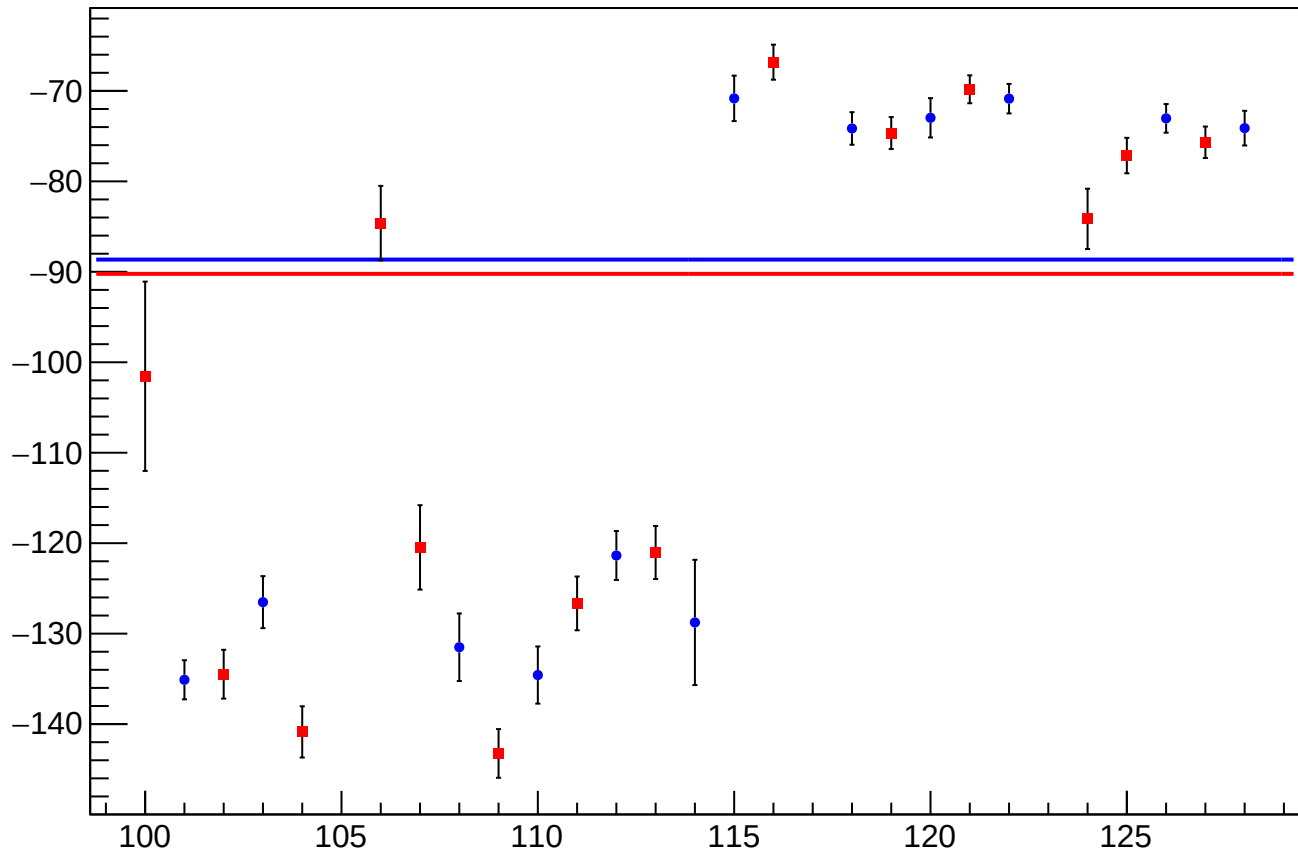
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.300+/-0.398 χ^2/NDF : 3866.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -88.649 $\pm$ 0.647 χ^2 /NDF: 1598.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -90.227 $\pm$ 0.641 χ^2 /NDF: 1798.5/13

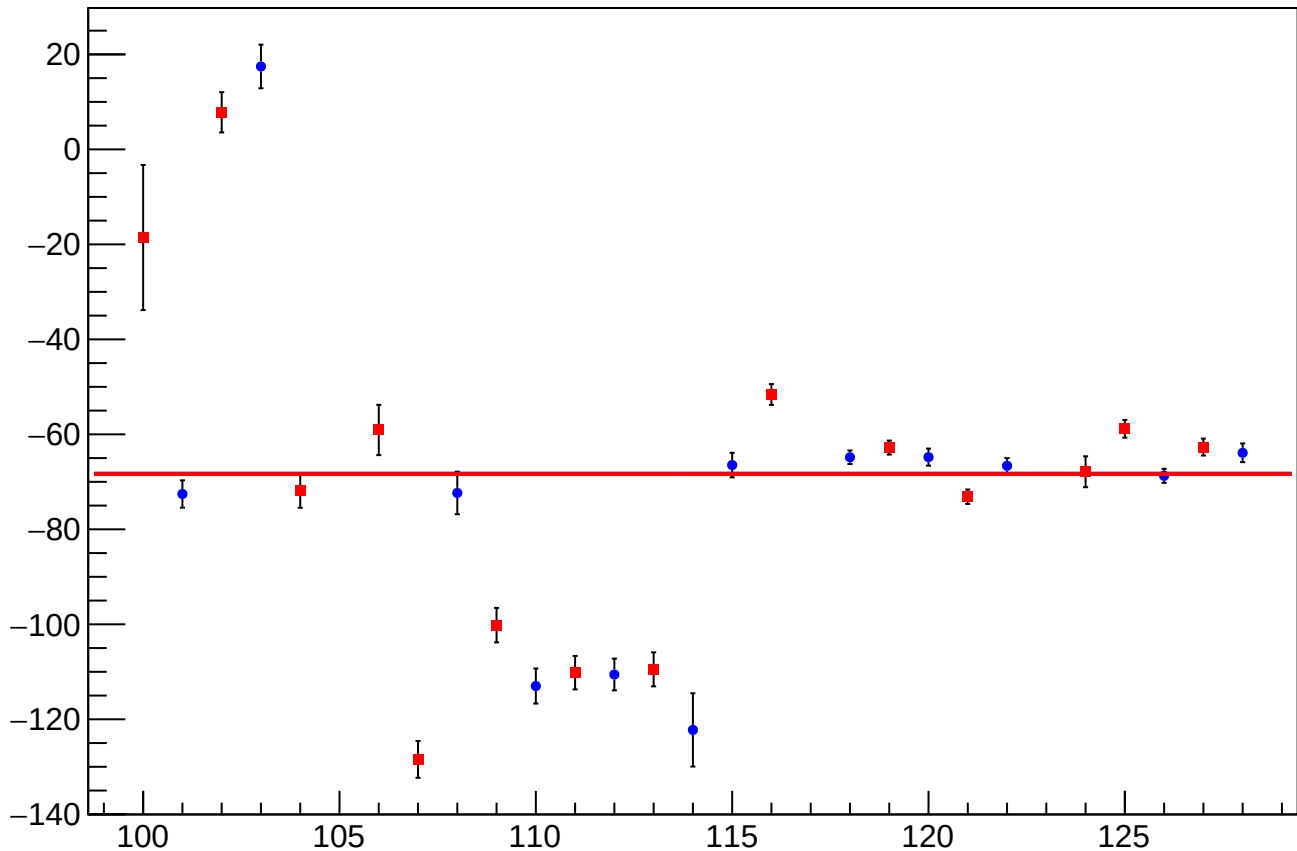
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -89.445 $\pm$ 0.455 χ^2 /NDF: 3400.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -68.286+/-0.640 χ^2/NDF : 723.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -68.347+/-0.664 χ^2/NDF : 1046.2/13

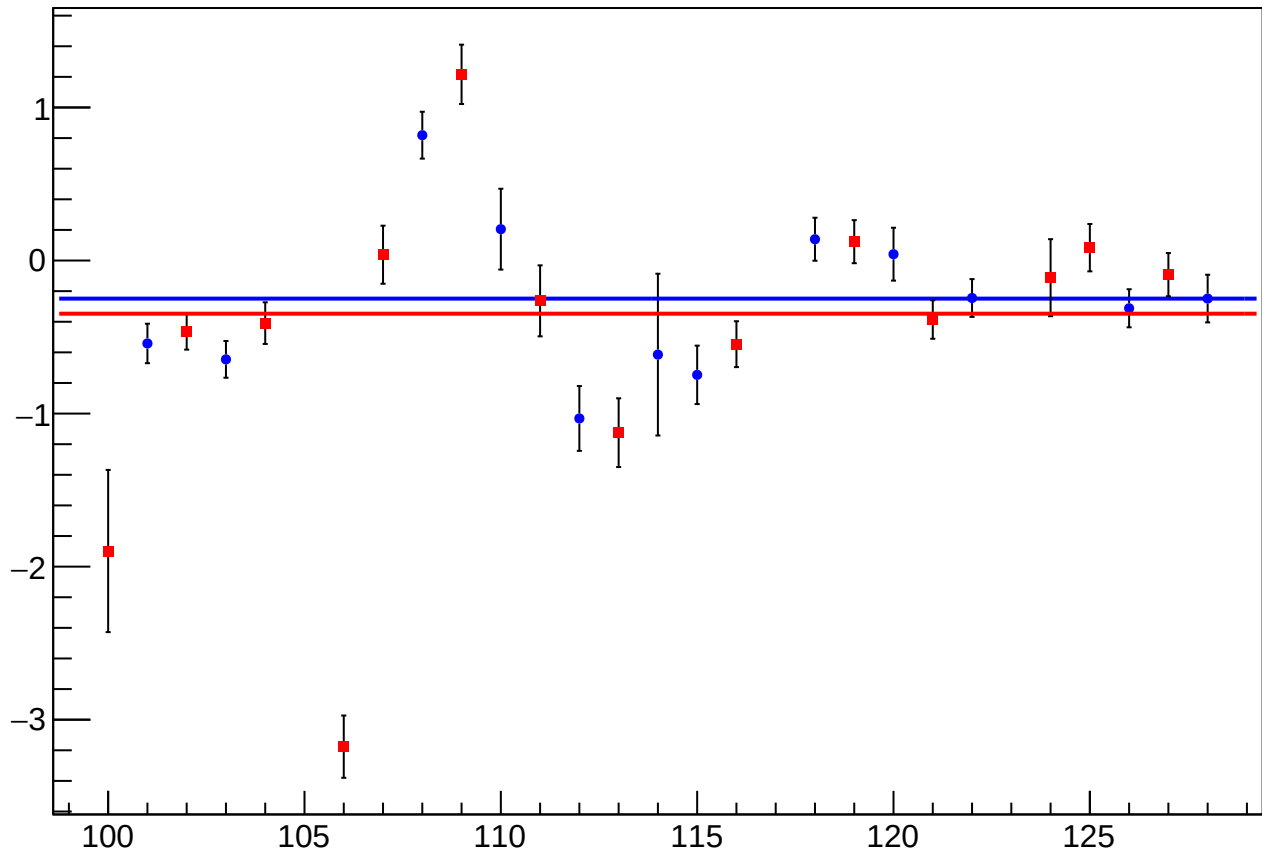
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.315+/-0.461 χ^2/NDF : 1769.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: -0.249+/-0.045 χ^2/NDF : 99.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.347+/-0.044 χ^2/NDF : 309.3/13

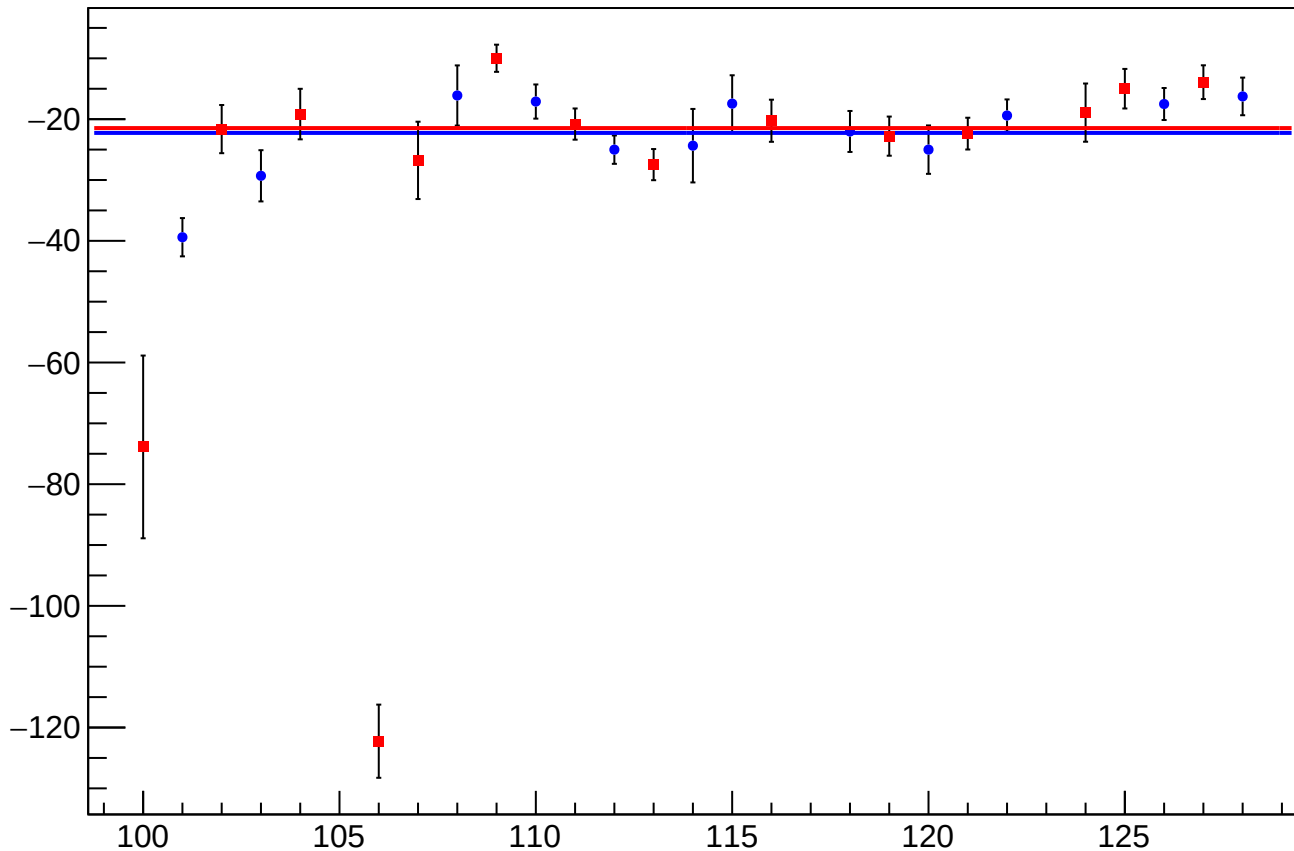
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.299+/-0.032 χ^2/NDF : 411.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



Right In: -22.258 $\pm$ 0.943 χ^2 /NDF: 48.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -21.464 $\pm$ 0.884 χ^2 /NDF: 338.0/13

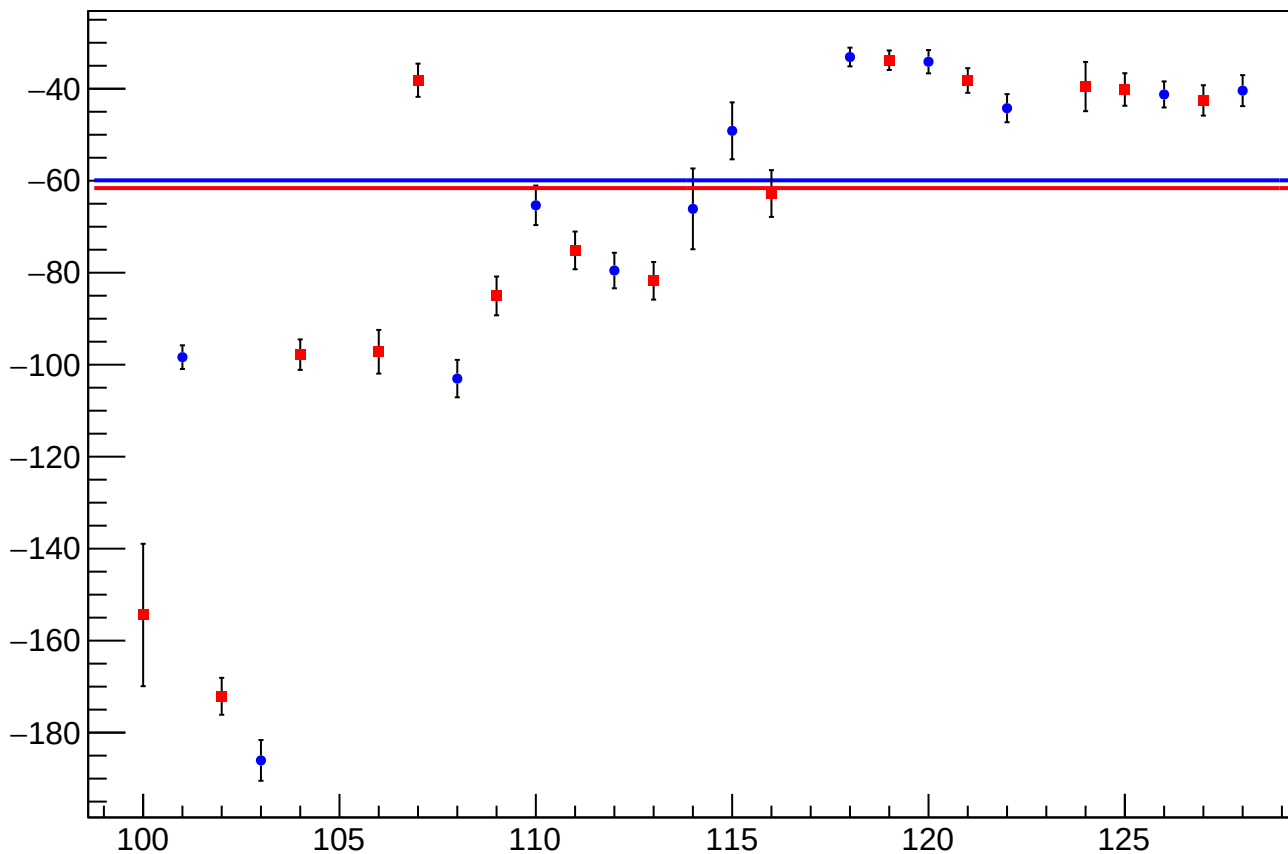
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -21.836 $\pm$ 0.645 χ^2 /NDF: 387.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -59.916 ± 0.937 χ^2/NDF : 1557.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -61.602 ± 0.970 χ^2/NDF : 1414.7/13

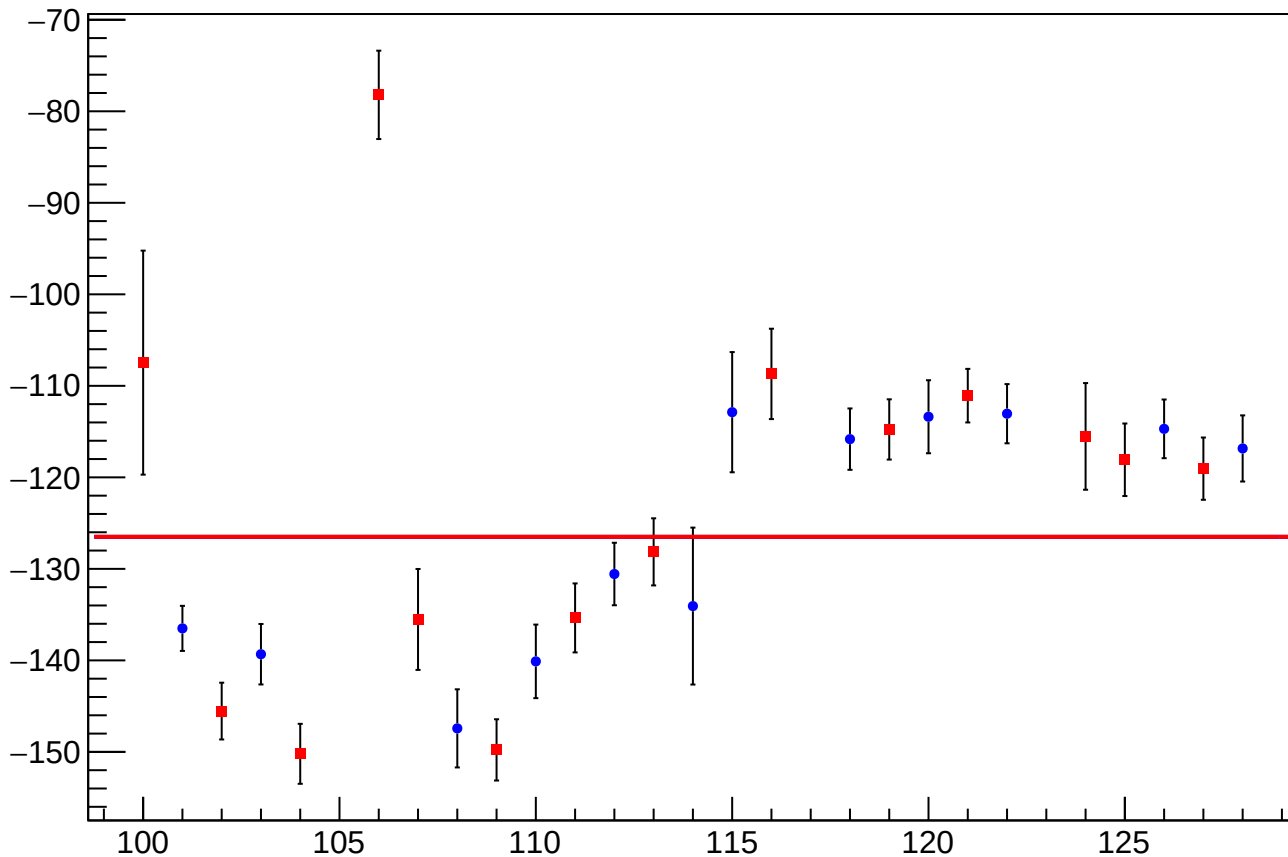
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -60.729 ± 0.674 χ^2/NDF : 2973.2/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -126.504 $\pm$ 1.044 χ^2 /NDF: 132.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -126.495 $\pm$ 1.030 χ^2 /NDF: 315.7/13

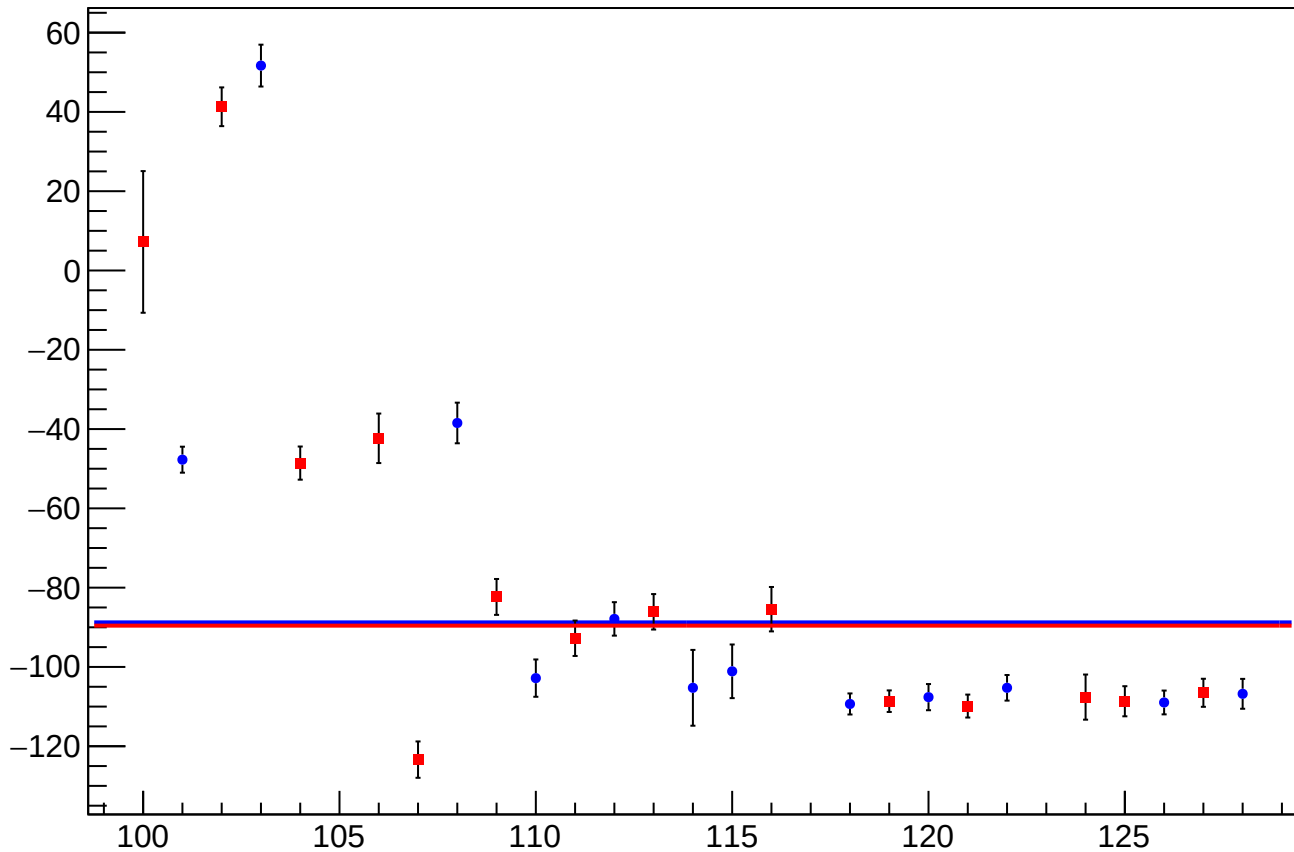
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -126.499 $\pm$ 0.733 χ^2 /NDF: 448.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -88.762 $\pm$ 1.110 χ^2 /NDF: 1162.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -89.582 $\pm$ 1.124 χ^2 /NDF: 1114.9/13

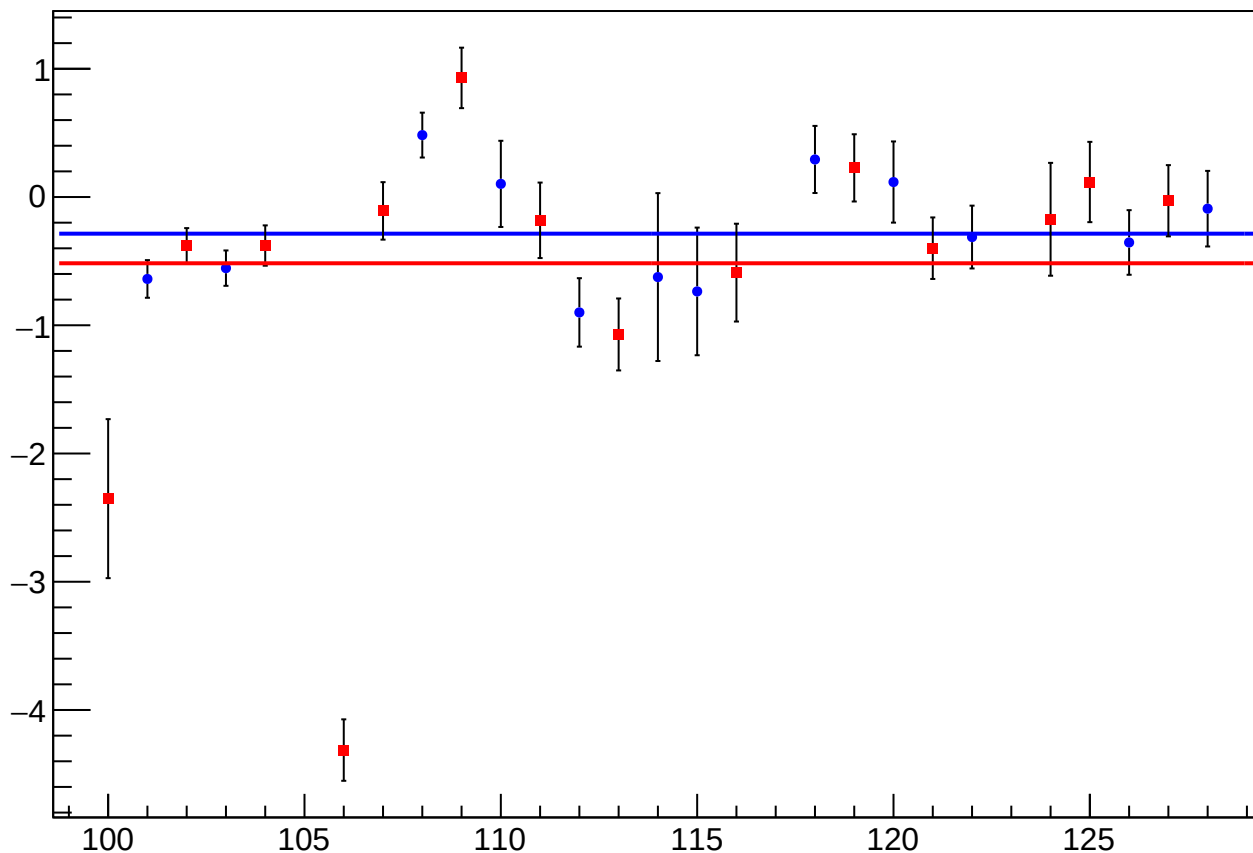
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -89.167 $\pm$ 0.790 χ^2 /NDF: 2277.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.286 ± 0.066 $\chi^2/\text{NDF}: 43.6/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.517 ± 0.064 $\chi^2/\text{NDF}: 323.8/13$

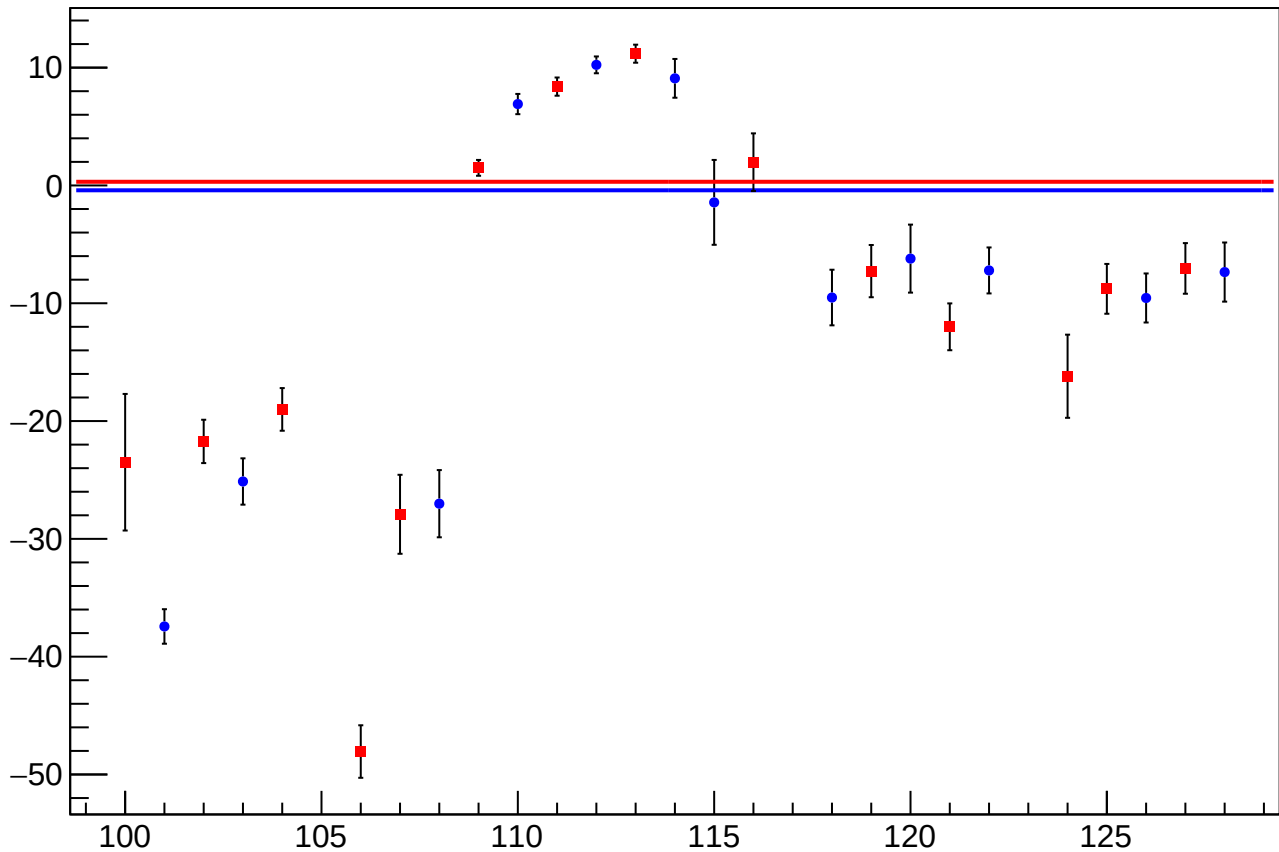
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.405 ± 0.046 $\chi^2/\text{NDF}: 373.7/25$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



Right In: -0.412 $\pm$ 0.424 χ^2 /NDF: 1270.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.311 $\pm$ 0.361 χ^2 /NDF: 1232.6/13

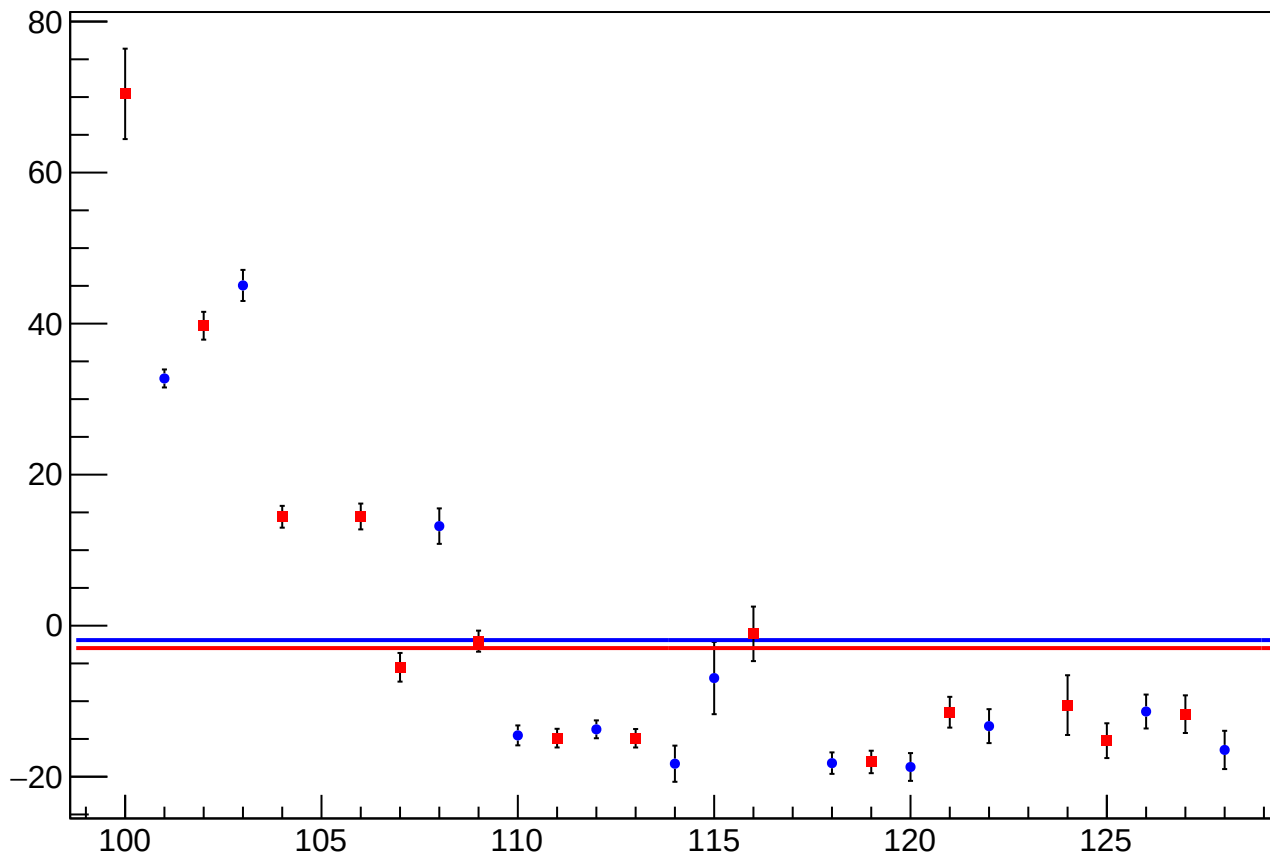
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.275 χ^2 /NDF: 2504.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -1.910+/-0.502 χ^2/NDF : 1935.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.968+/-0.474 χ^2/NDF : 1291.8/13

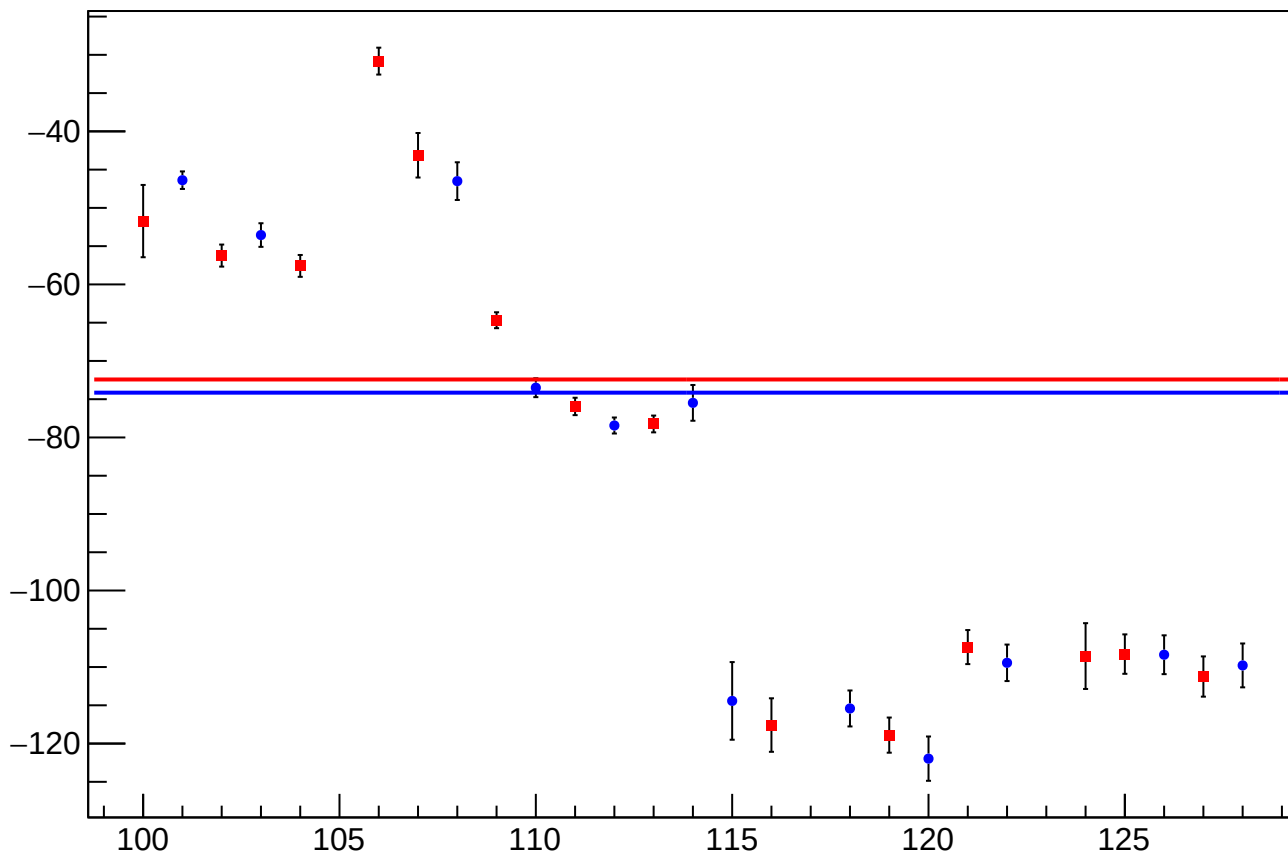
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.469+/-0.345 χ^2/NDF : 3229.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -74.146 $\pm$ 0.507 χ^2 /NDF: 2109.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -72.423 $\pm$ 0.456 χ^2 /NDF: 2314.2/13

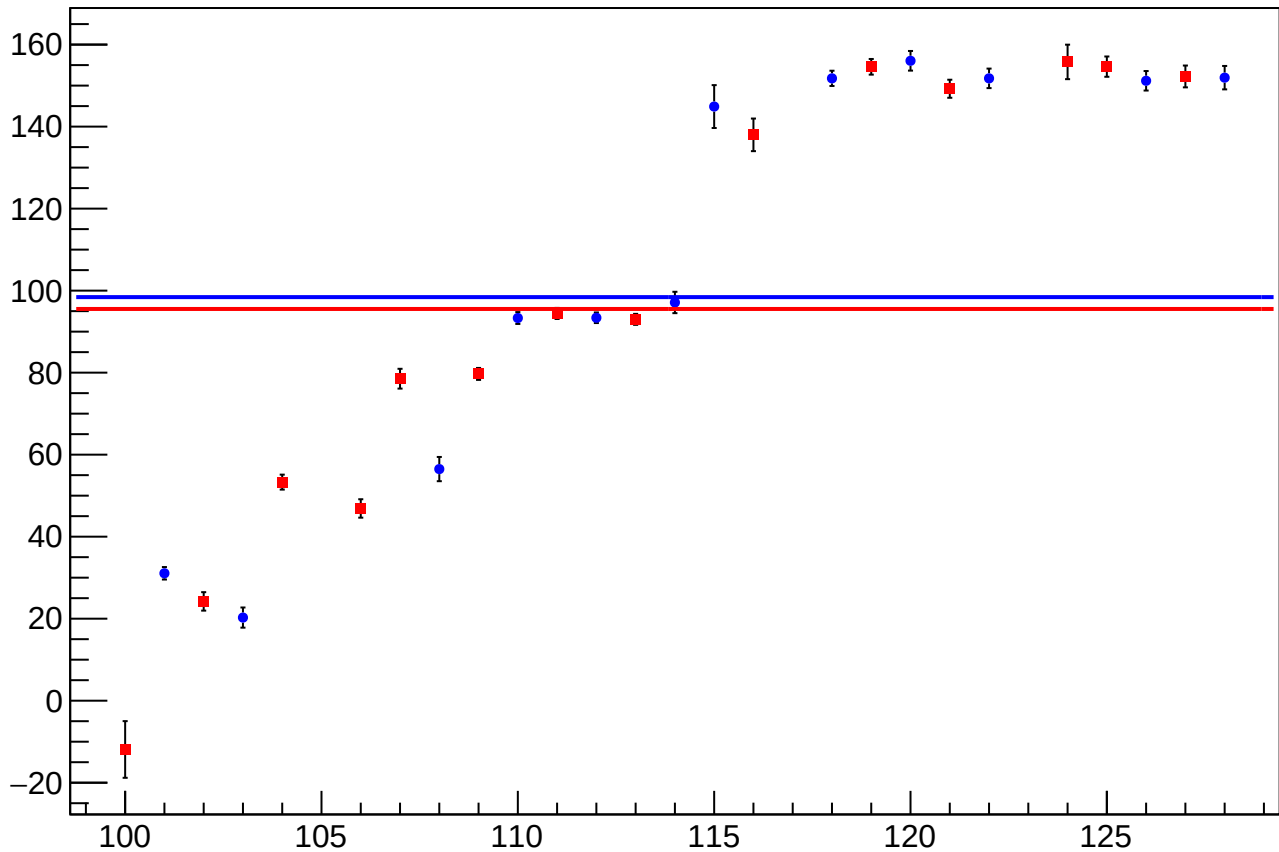
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -73.194 $\pm$ 0.339 χ^2 /NDF: 4430.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 98.419+/-0.586 χ^2/NDF : 6028.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.530+/-0.544 χ^2/NDF : 5318.8/13

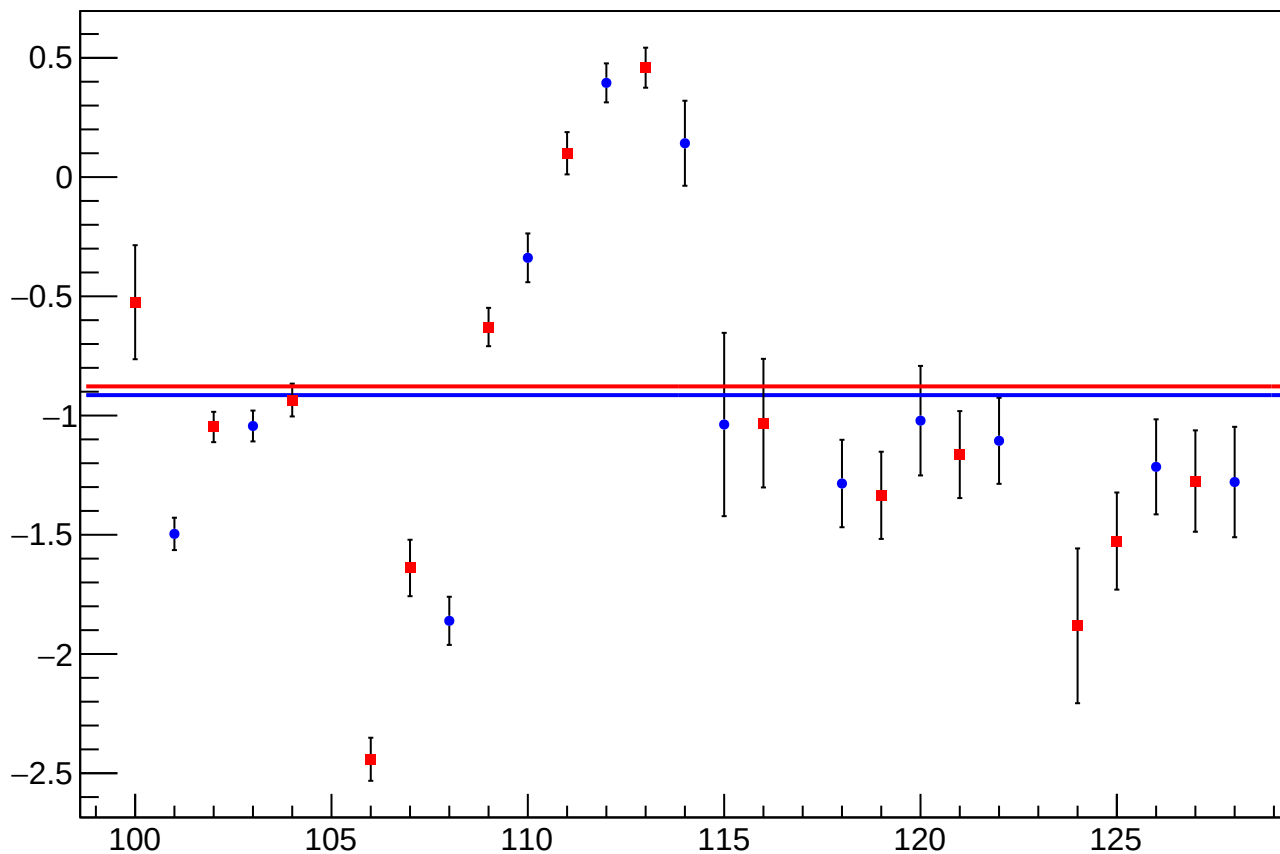
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.869+/-0.399 χ^2/NDF : 11360.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.914+/-0.032 χ^2 /NDF: 499.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.878+/-0.029 χ^2 /NDF: 768.1/13

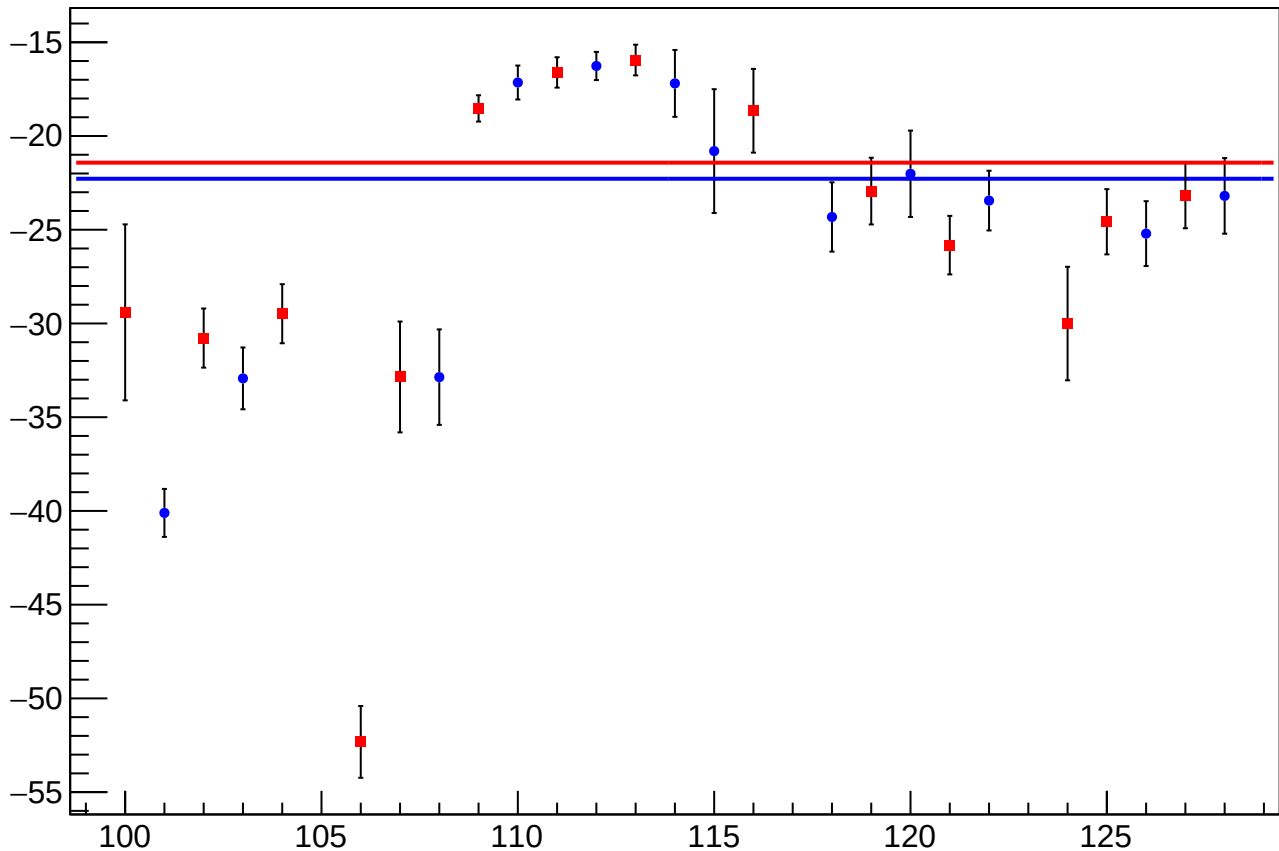
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.894+/-0.021 χ^2 /NDF: 1268.2/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



Right In: -22.281 ± 0.409 χ^2/NDF : 362.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -21.422 ± 0.354 χ^2/NDF : 459.3/13

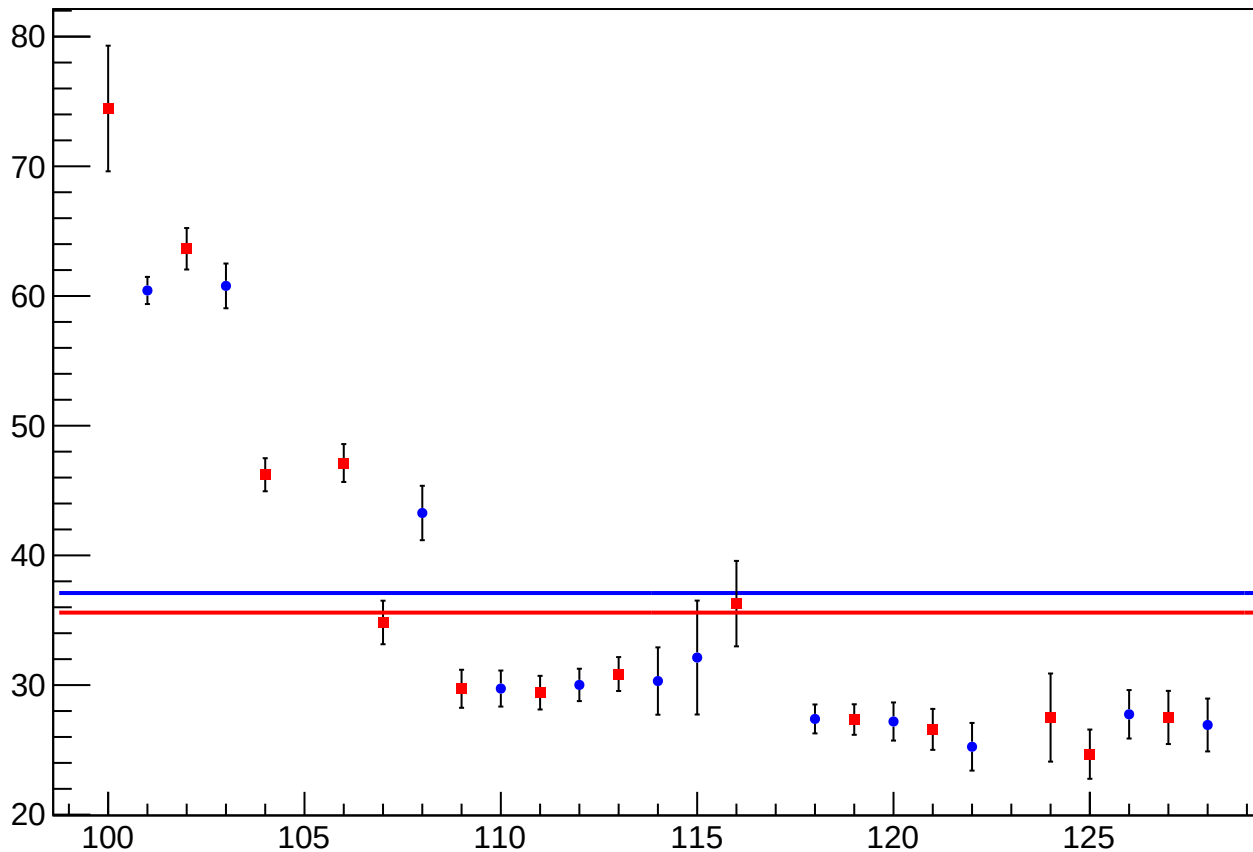
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -21.790 ± 0.268 χ^2/NDF : 824.1/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 37.098 $\pm$ 0.451 χ^2 /NDF: 975.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 35.588 $\pm$ 0.433 χ^2 /NDF: 692.2/13

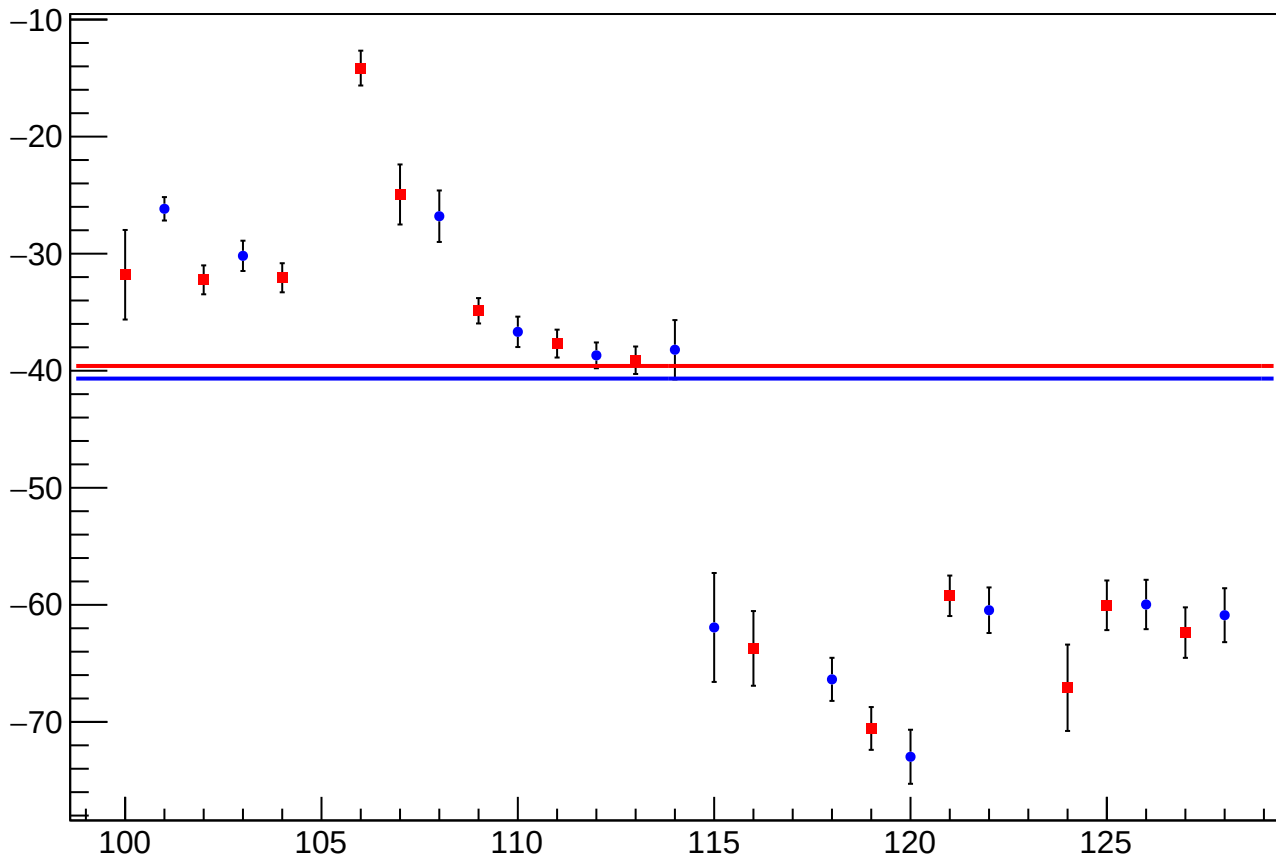
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.313 $\pm$ 0.312 χ^2 /NDF: 1673.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -40.670 ± 0.467 χ^2/NDF : 1004.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -39.593 ± 0.426 χ^2/NDF : 1156.3/13

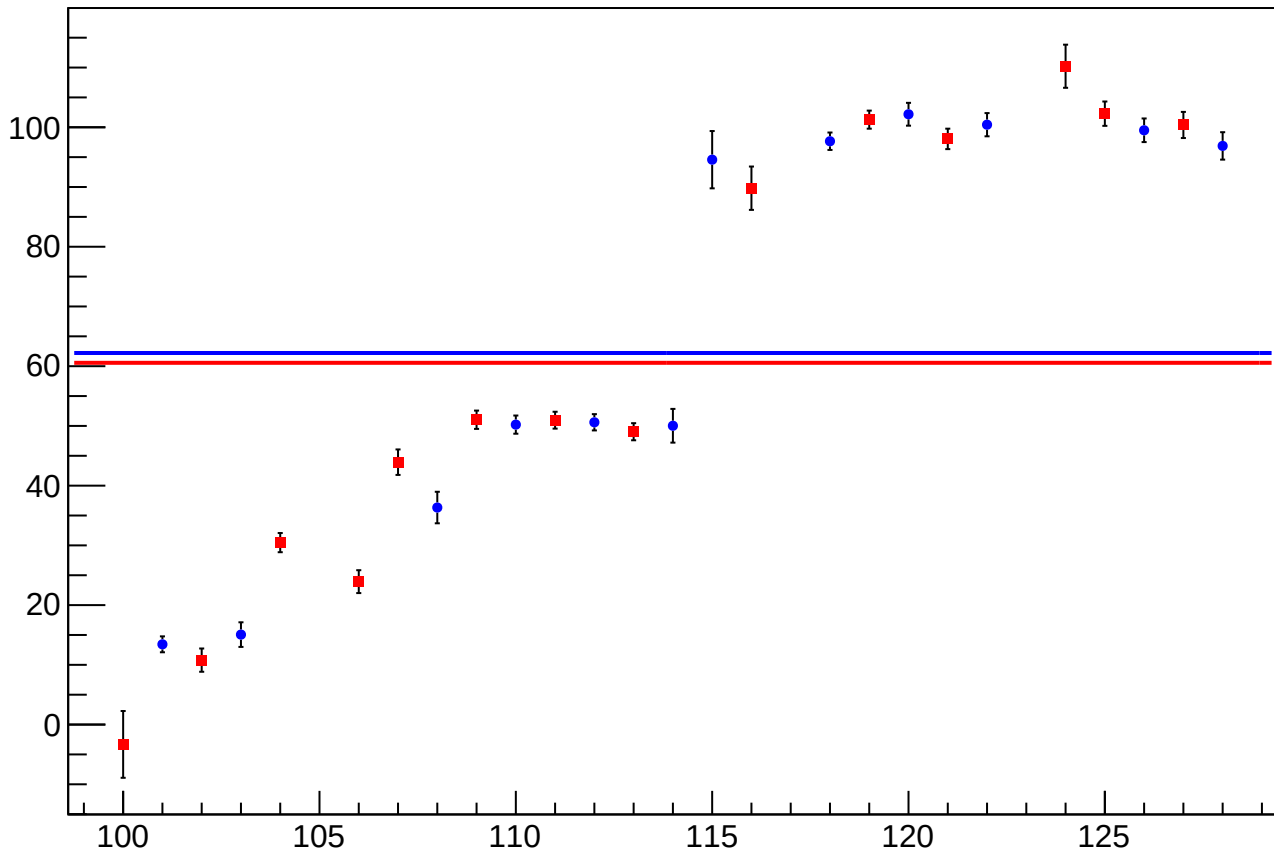
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.082 ± 0.315 χ^2/NDF : 2163.9/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 62.211+/-0.532 χ^2/NDF : 4158.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.566+/-0.502 χ^2/NDF : 3920.3/13

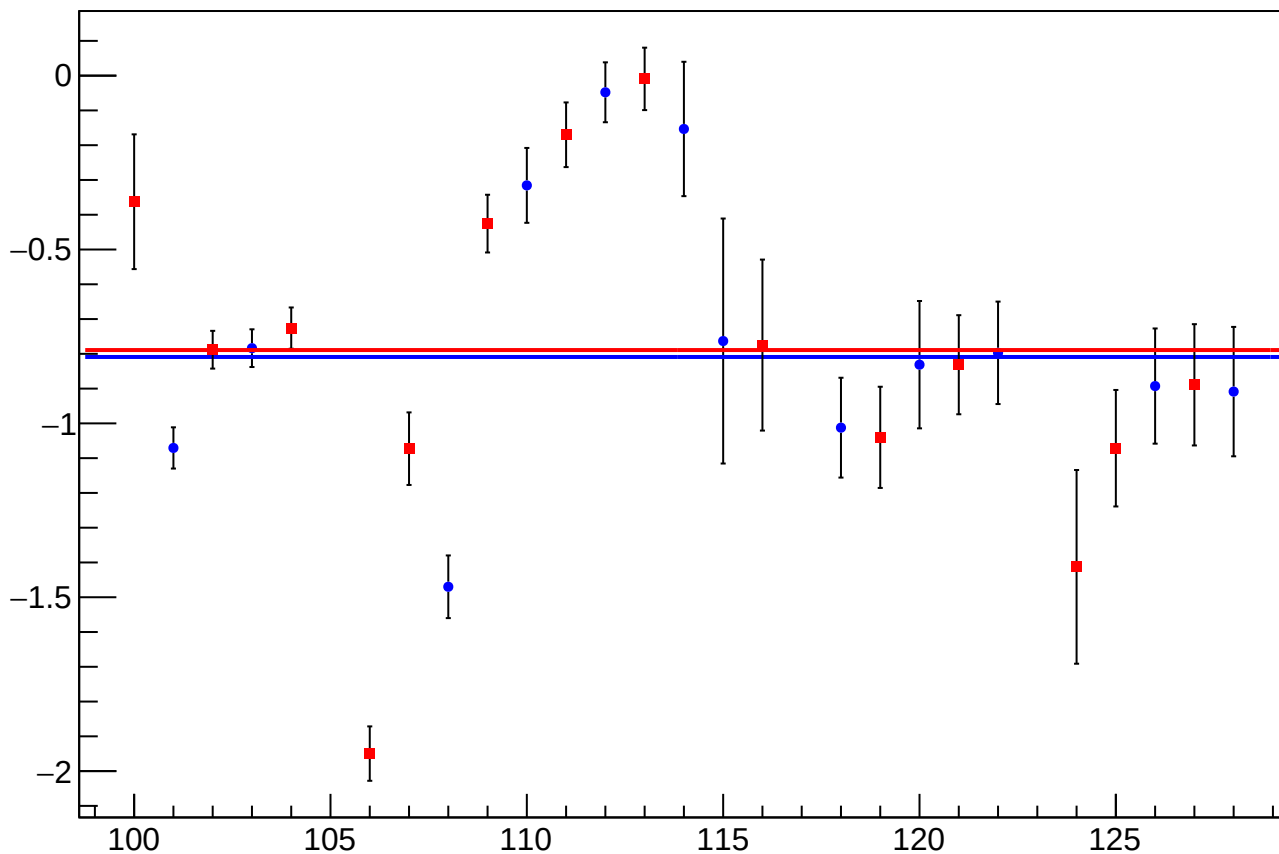
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.341+/-0.365 χ^2/NDF : 8083.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.809 ± 0.029 χ^2/NDF : 186.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.789 ± 0.026 χ^2/NDF : 383.7/13

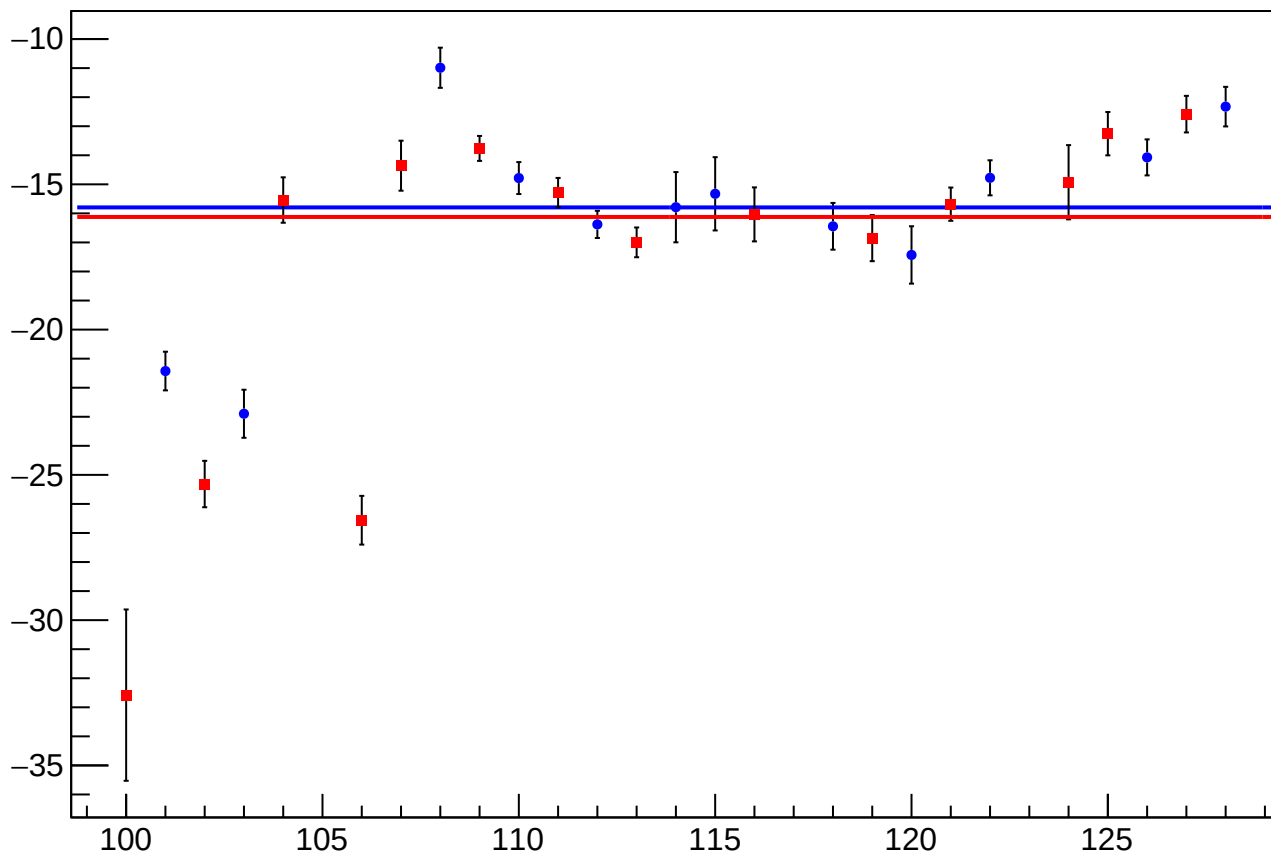
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.798 ± 0.019 χ^2/NDF : 570.6/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



Right In: -15.794 $\pm$ 0.200 χ^2 /NDF: 238.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -16.123 $\pm$ 0.183 χ^2 /NDF: 407.8/13

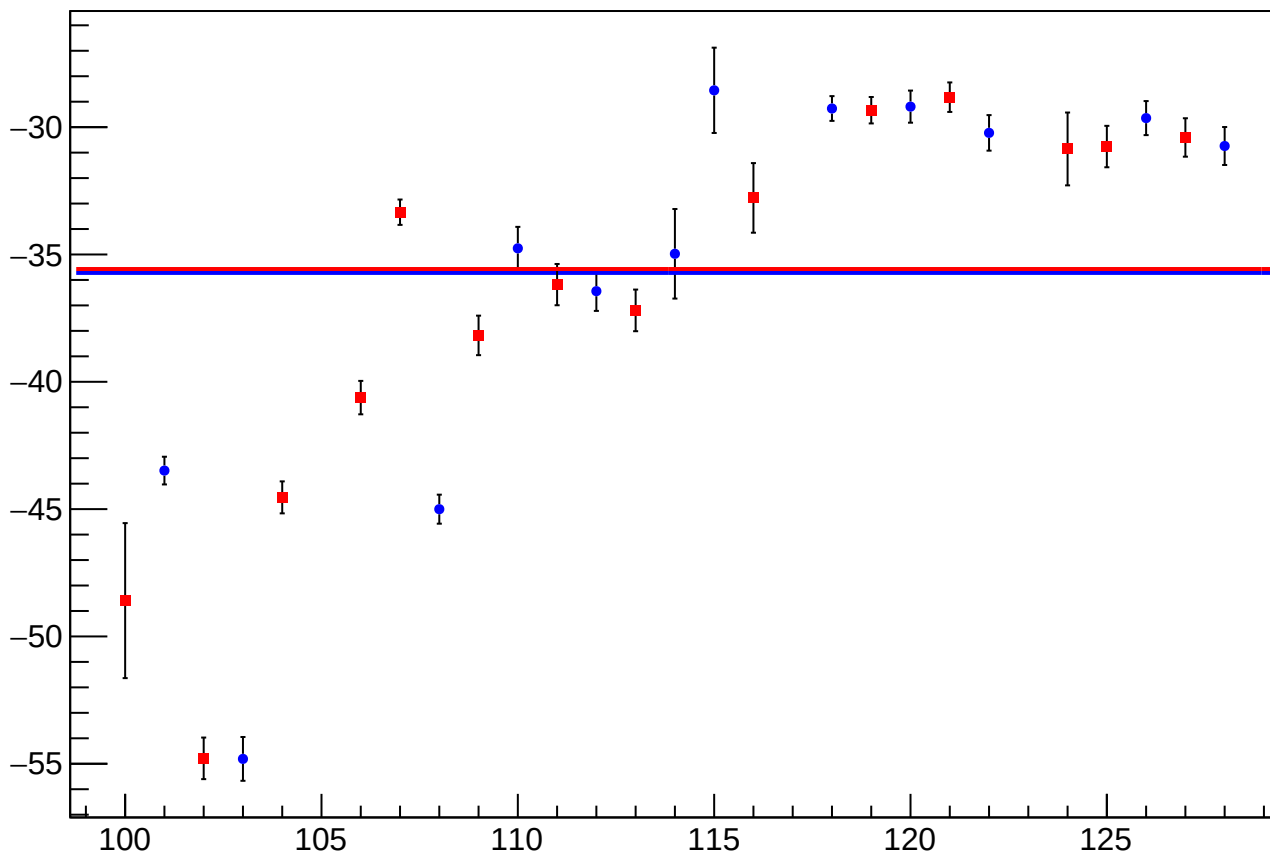
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -15.973 $\pm$ 0.135 χ^2 /NDF: 648.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -35.723 ± 0.202 χ^2/NDF : 1455.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.571 ± 0.195 χ^2/NDF : 1248.5/13

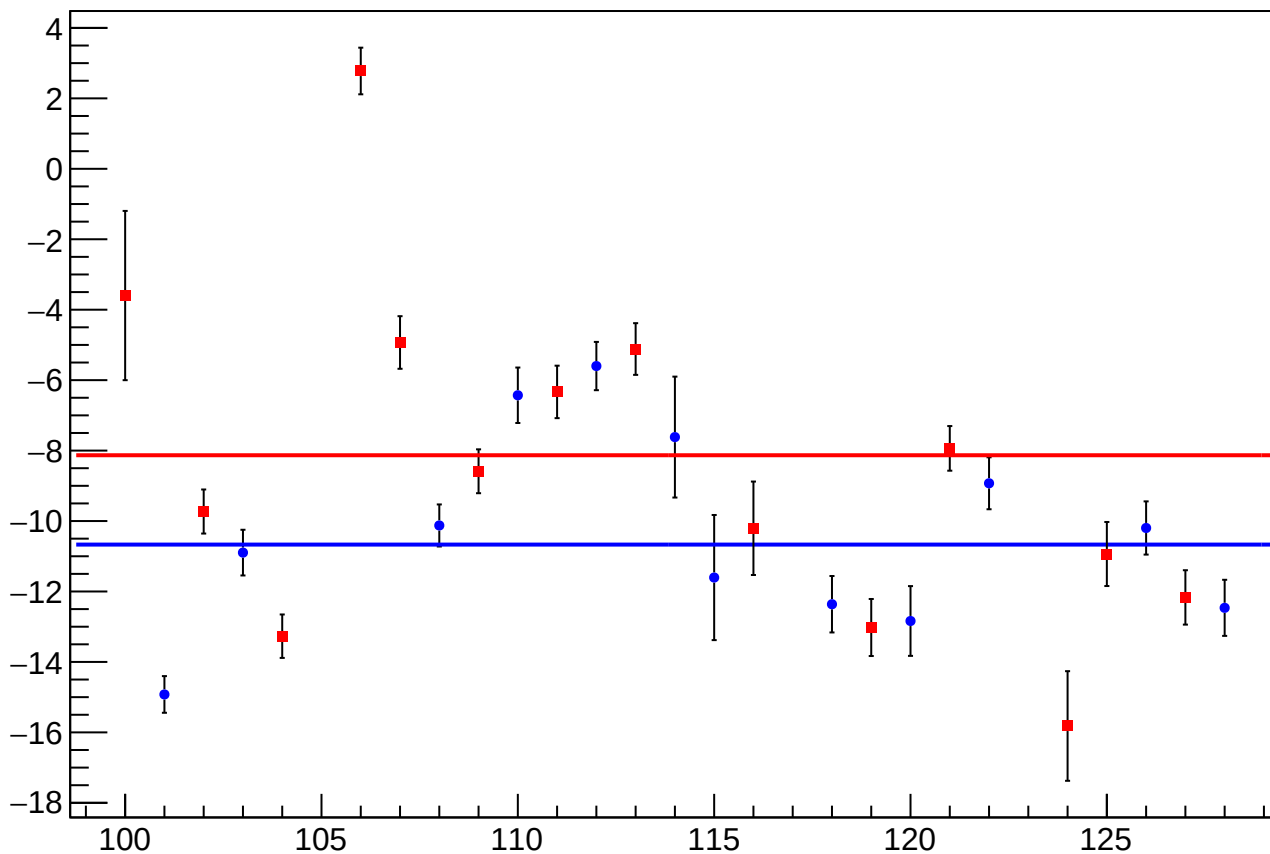
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.644 ± 0.141 χ^2/NDF : 2703.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: -10.669 $\pm$ 0.218 χ^2 /NDF: 175.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.132 $\pm$ 0.206 χ^2 /NDF: 492.9/13

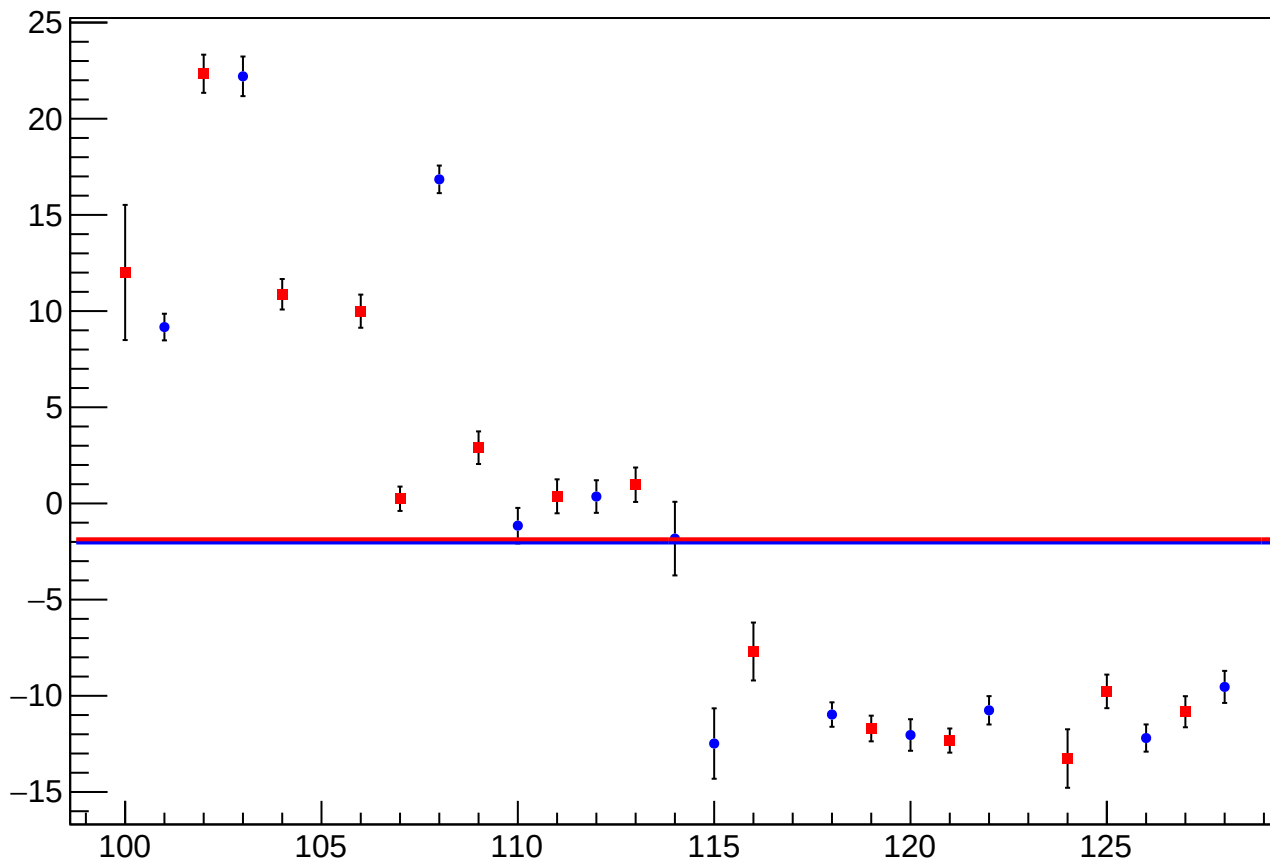
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -9.328 $\pm$ 0.150 χ^2 /NDF: 739.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -2.029 $\pm$ 0.240 χ^2 /NDF: 2324.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.864 $\pm$ 0.230 χ^2 /NDF: 1889.2/13

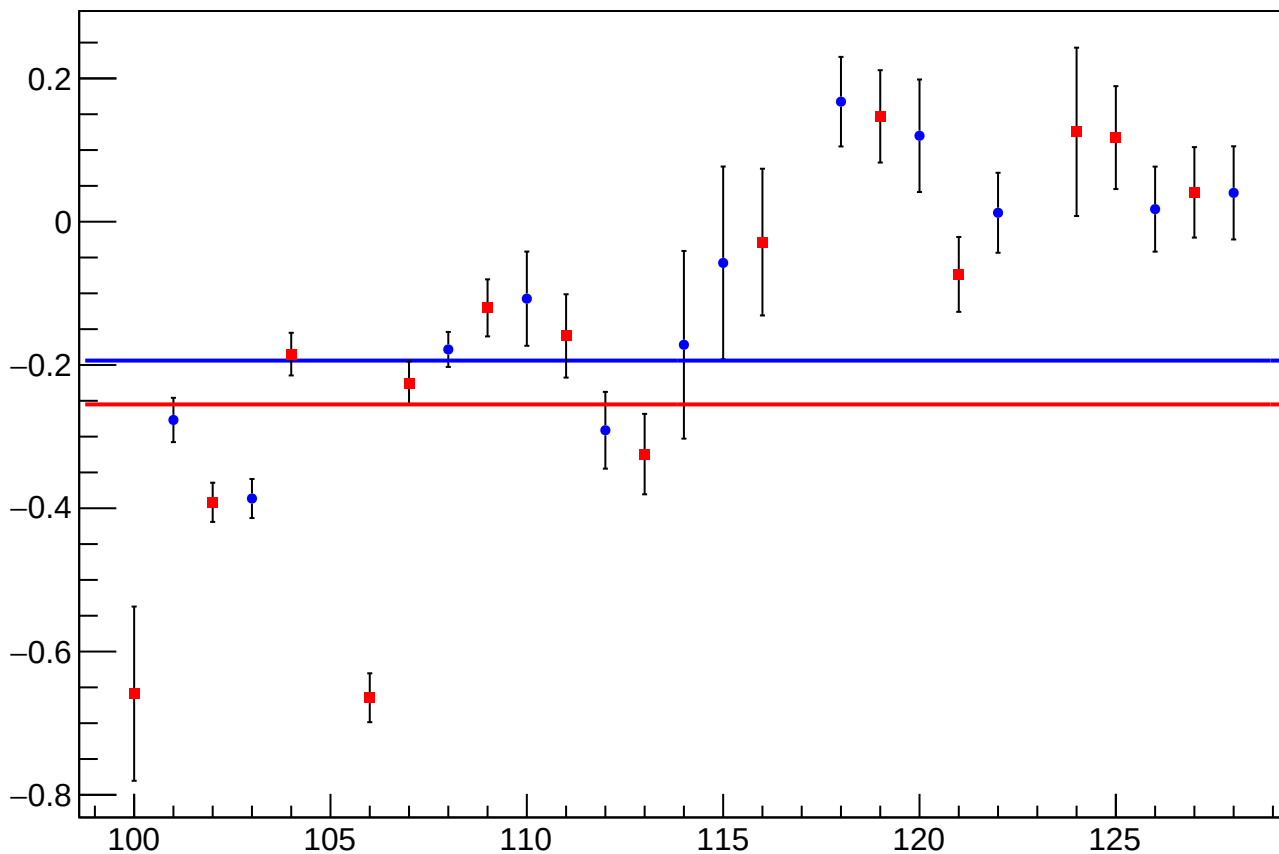
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.943 $\pm$ 0.166 χ^2 /NDF: 4213.8/25

- 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: -0.194 $\pm$ 0.013 χ^2 /NDF: 152.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.255 $\pm$ 0.012 χ^2 /NDF: 317.4/13

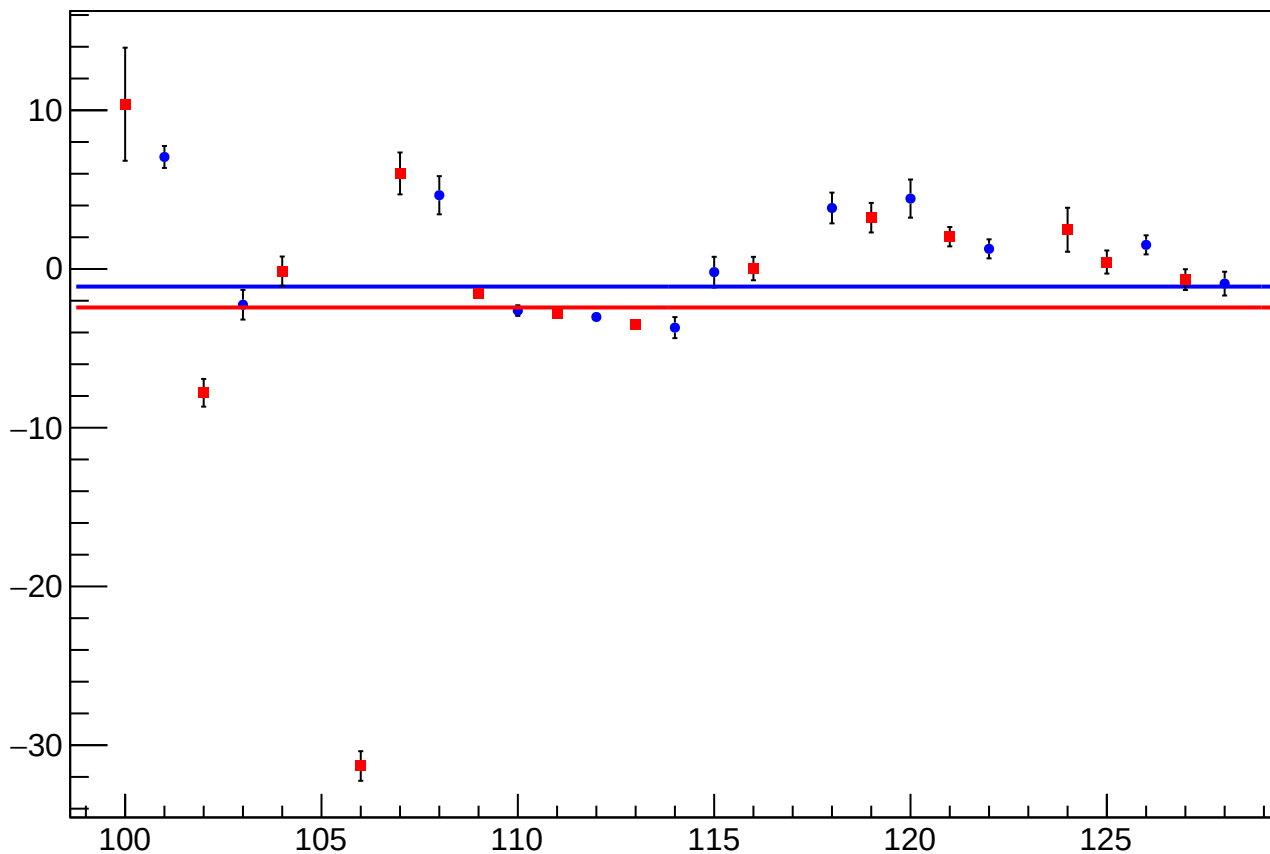
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.227 $\pm$ 0.009 χ^2 /NDF: 481.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: -1.109 ± 0.162 χ^2/NDF : 330.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.424 ± 0.141 χ^2/NDF : 1219.3/13

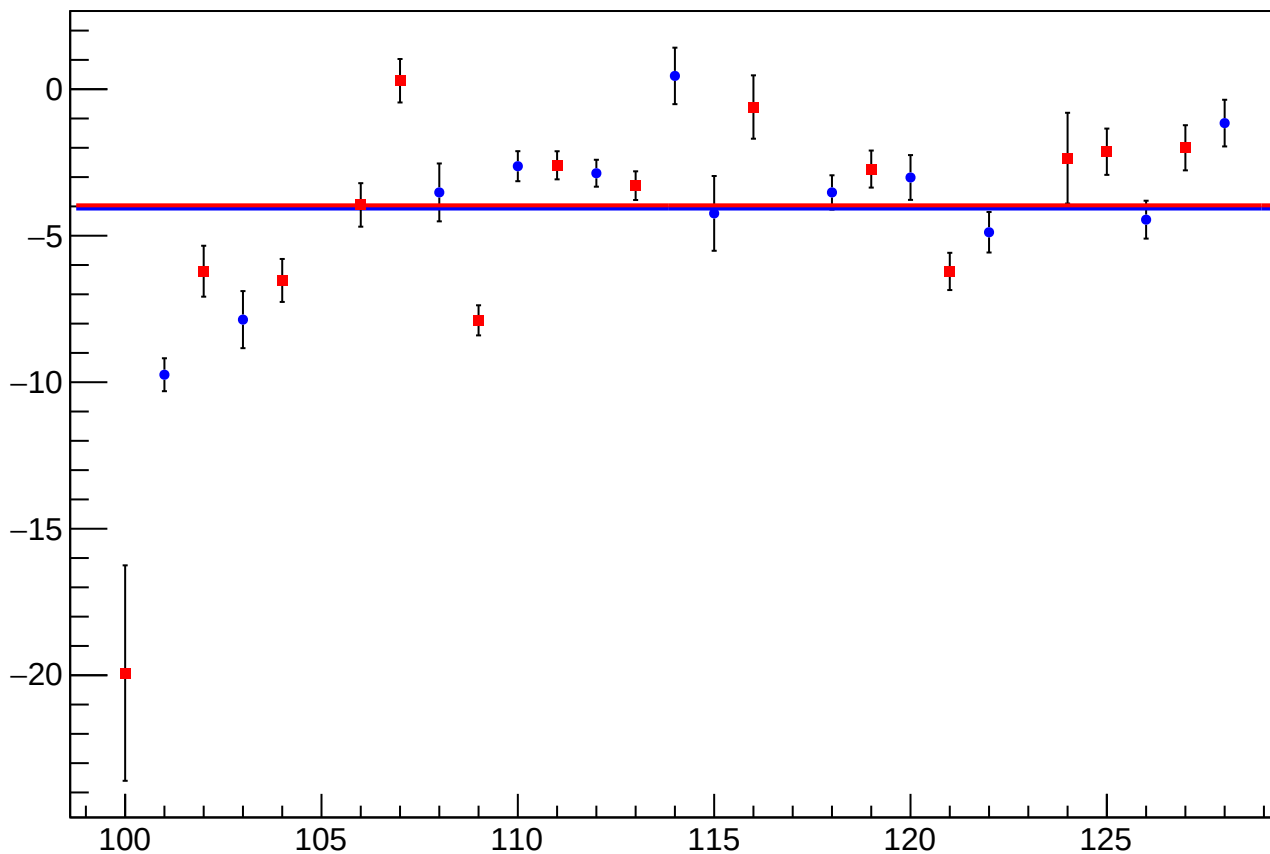
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.855 ± 0.106 χ^2/NDF : 1587.3/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -4.072 $\pm$ 0.195 χ^2 /NDF: 172.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.964 $\pm$ 0.187 χ^2 /NDF: 178.0/13

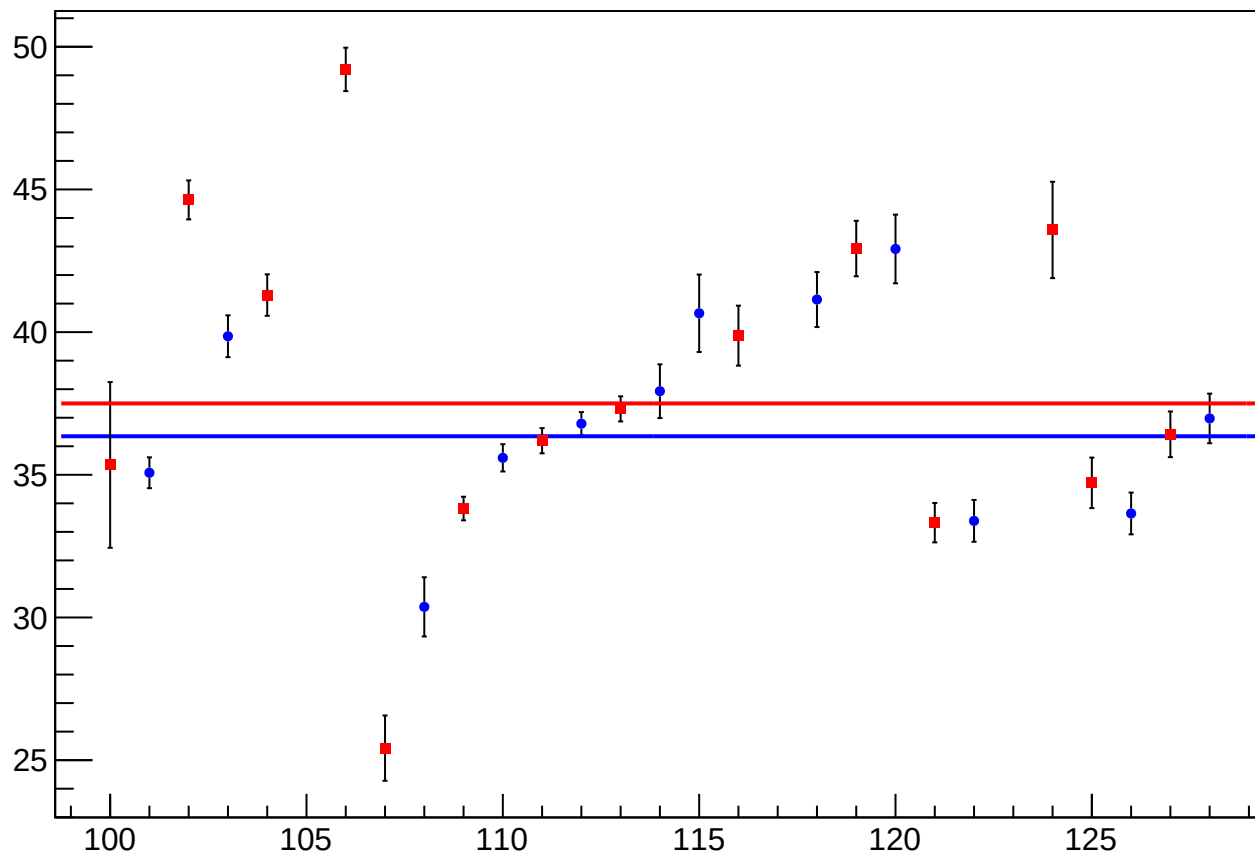
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4.016 $\pm$ 0.135 χ^2 /NDF: 350.3/25

- 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: 36.351+/-0.200 χ^2/NDF : 163.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.501+/-0.183 χ^2/NDF : 670.3/13

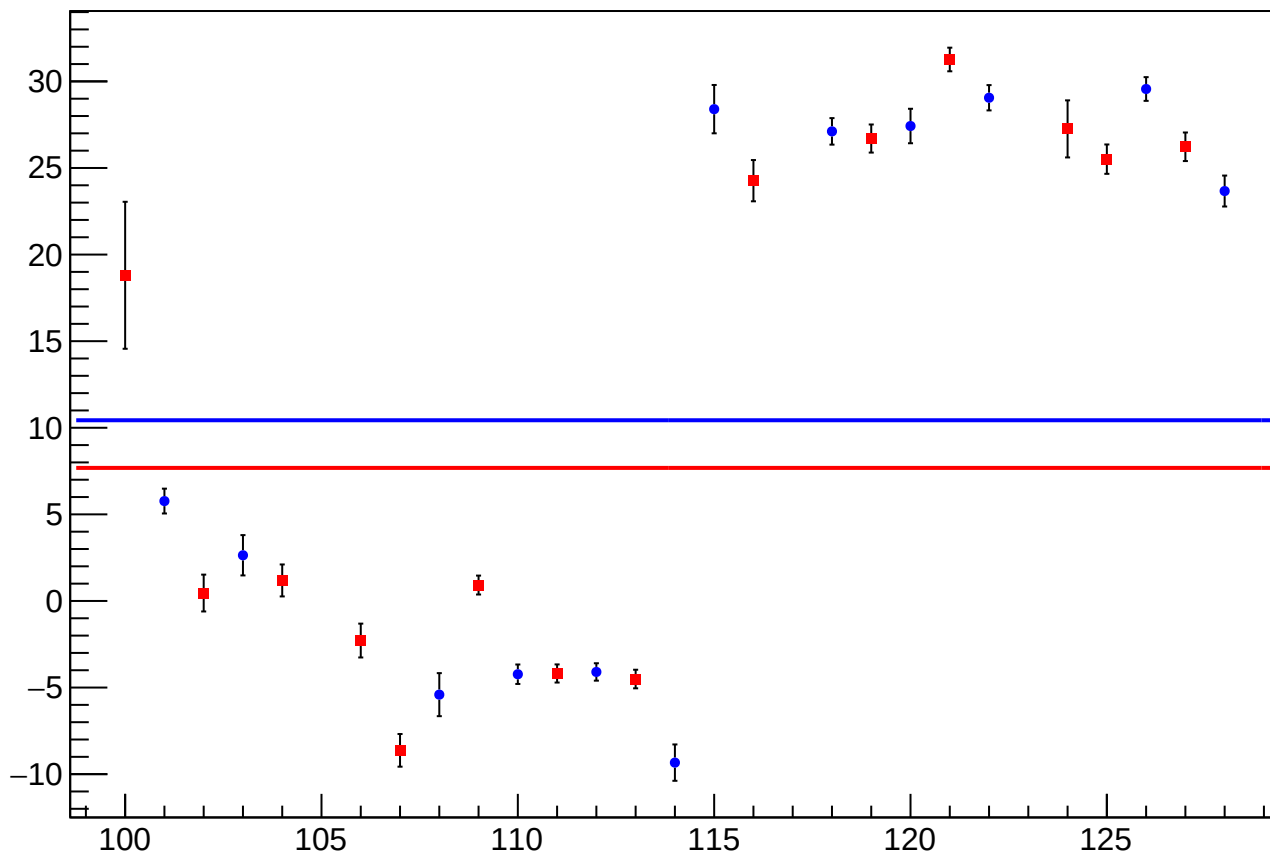
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.977+/-0.135 χ^2/NDF : 851.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 10.434+/-0.224 χ^2 /NDF: 4703.9/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 7.683+/-0.211 χ^2 /NDF: 4718.2/13

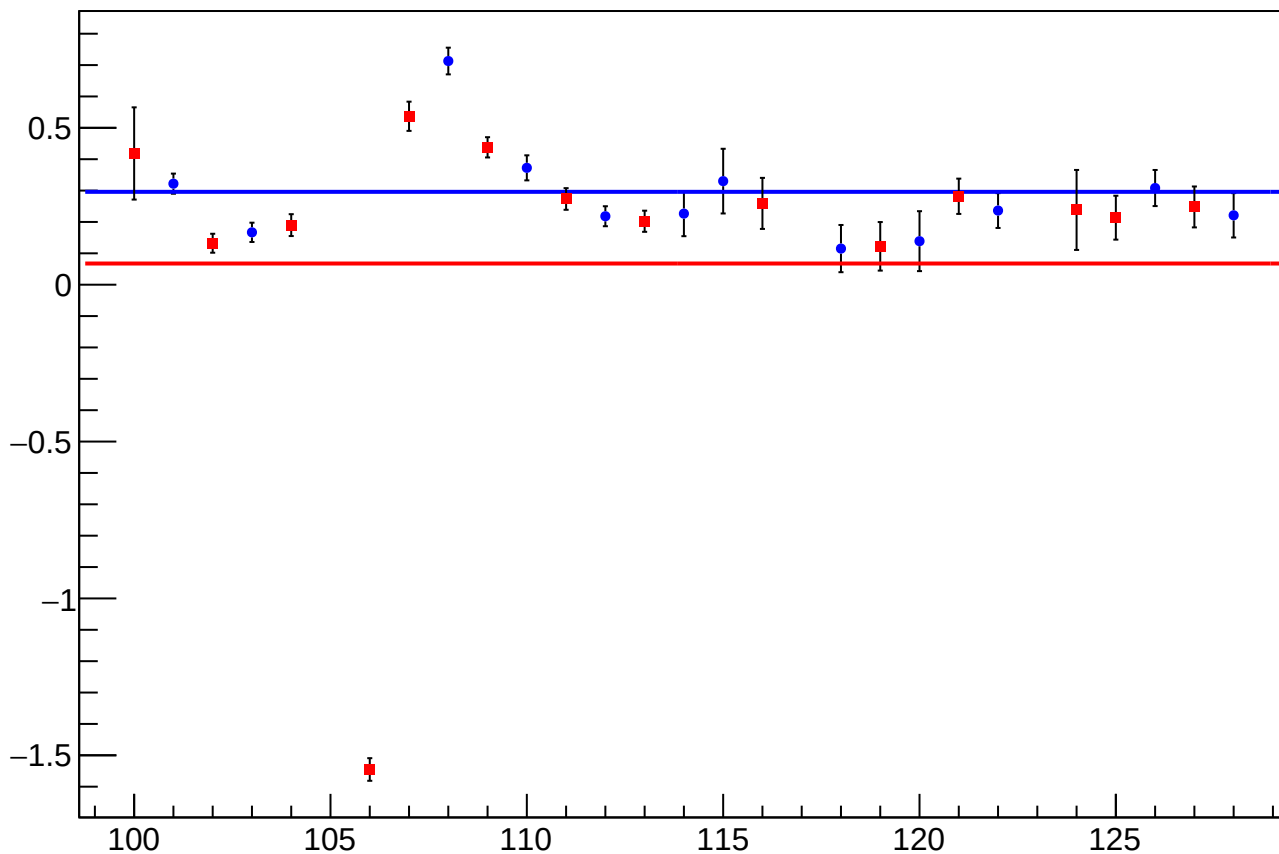
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 8.977+/-0.154 χ^2 /NDF: 9501.7/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.296 $\pm$ 0.013 χ^2 /NDF: 135.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.068 $\pm$ 0.012 χ^2 /NDF: 2340.8/13

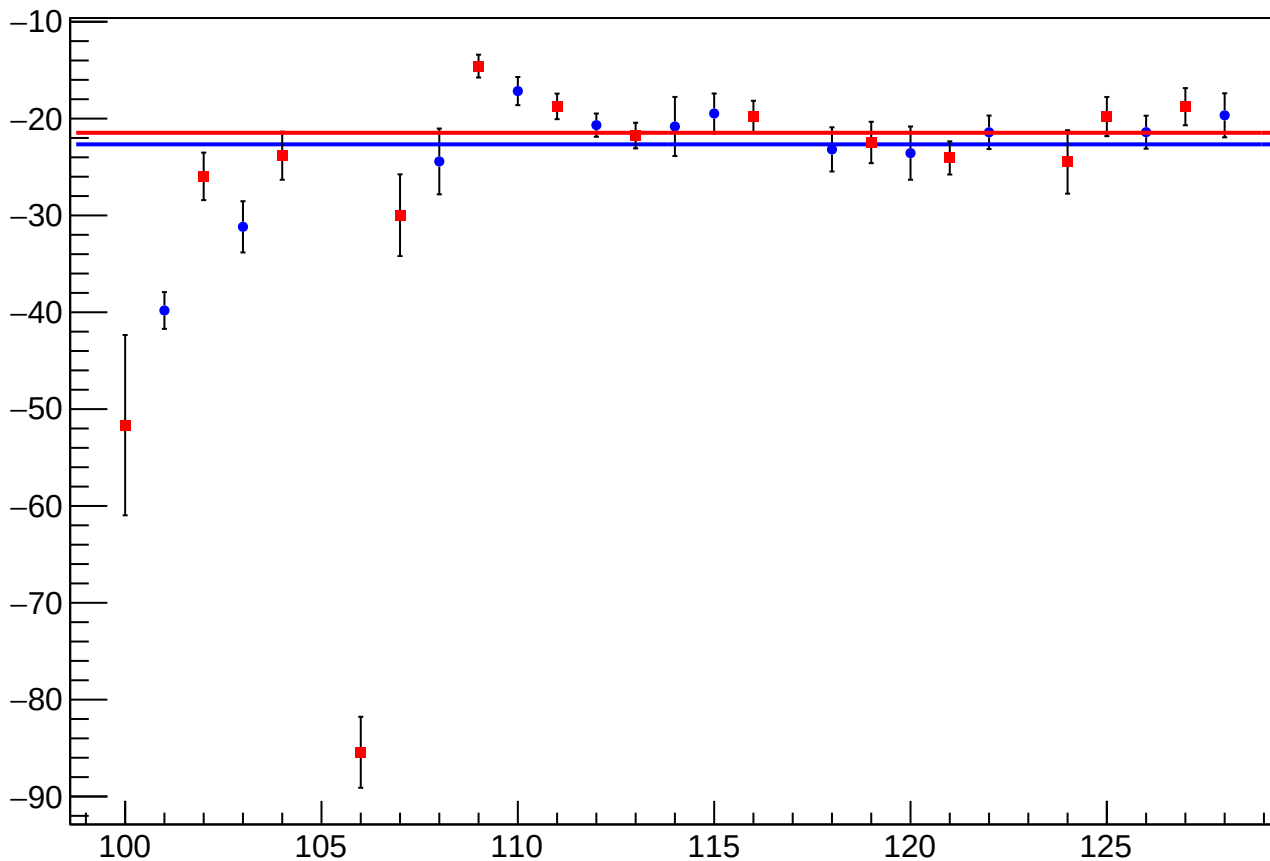
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.169 $\pm$ 0.009 χ^2 /NDF: 2639.0/25

- 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: -22.659+/-0.558 χ^2/NDF : 115.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.464+/-0.508 χ^2/NDF : 368.8/13

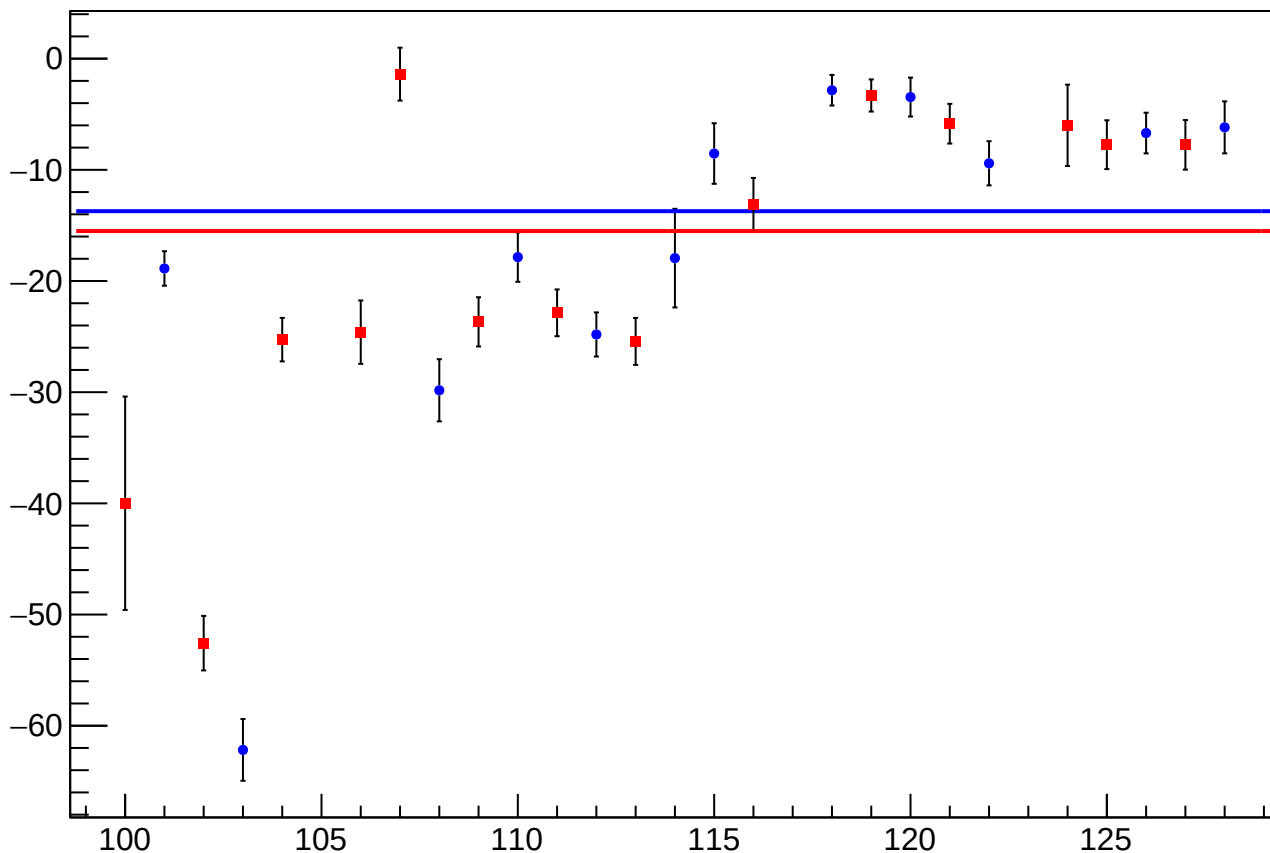
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.006+/-0.376 χ^2/NDF : 486.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -13.719 $\pm$ 0.587 χ^2 /NDF: 514.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -15.507 $\pm$ 0.593 χ^2 /NDF: 485.9/13

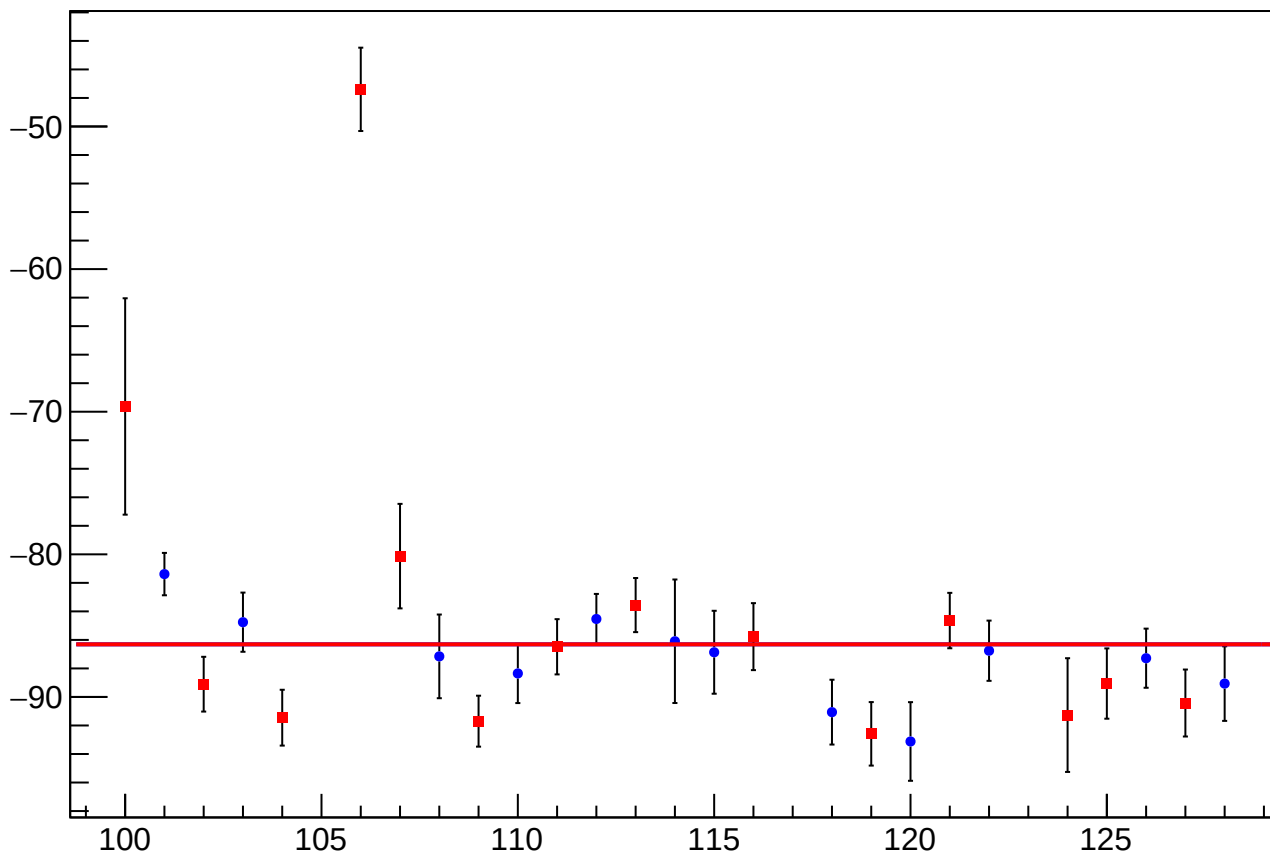
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.603 $\pm$ 0.417 χ^2 /NDF: 1005.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -86.311 $\pm$ 0.638 χ^2 /NDF: 25.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -86.310 $\pm$ 0.614 χ^2 /NDF: 219.9/13

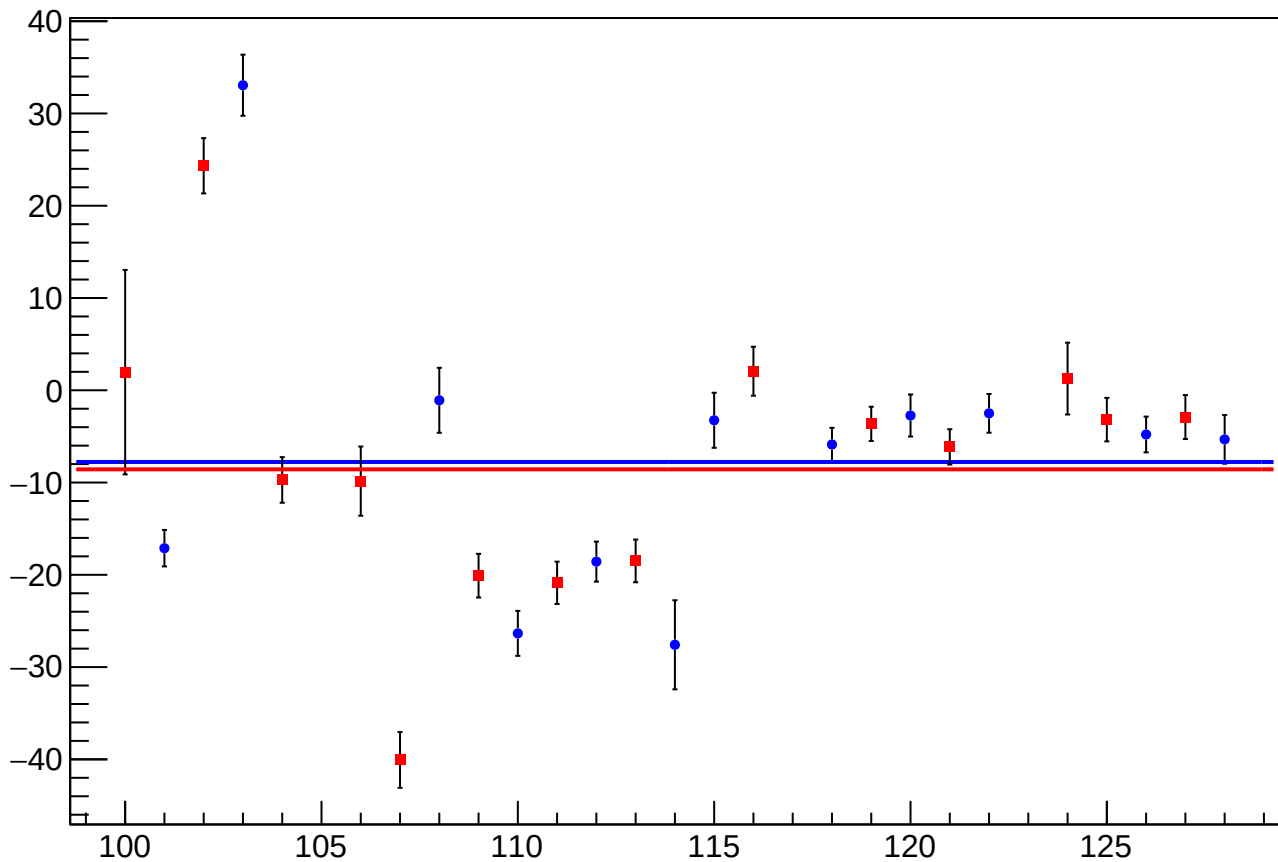
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -86.311 $\pm$ 0.442 χ^2 /NDF: 245.4/25

- 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: -7.771+/-0.690 χ^2 /NDF: 295.7/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -8.568+/-0.683 χ^2 /NDF: 342.8/13

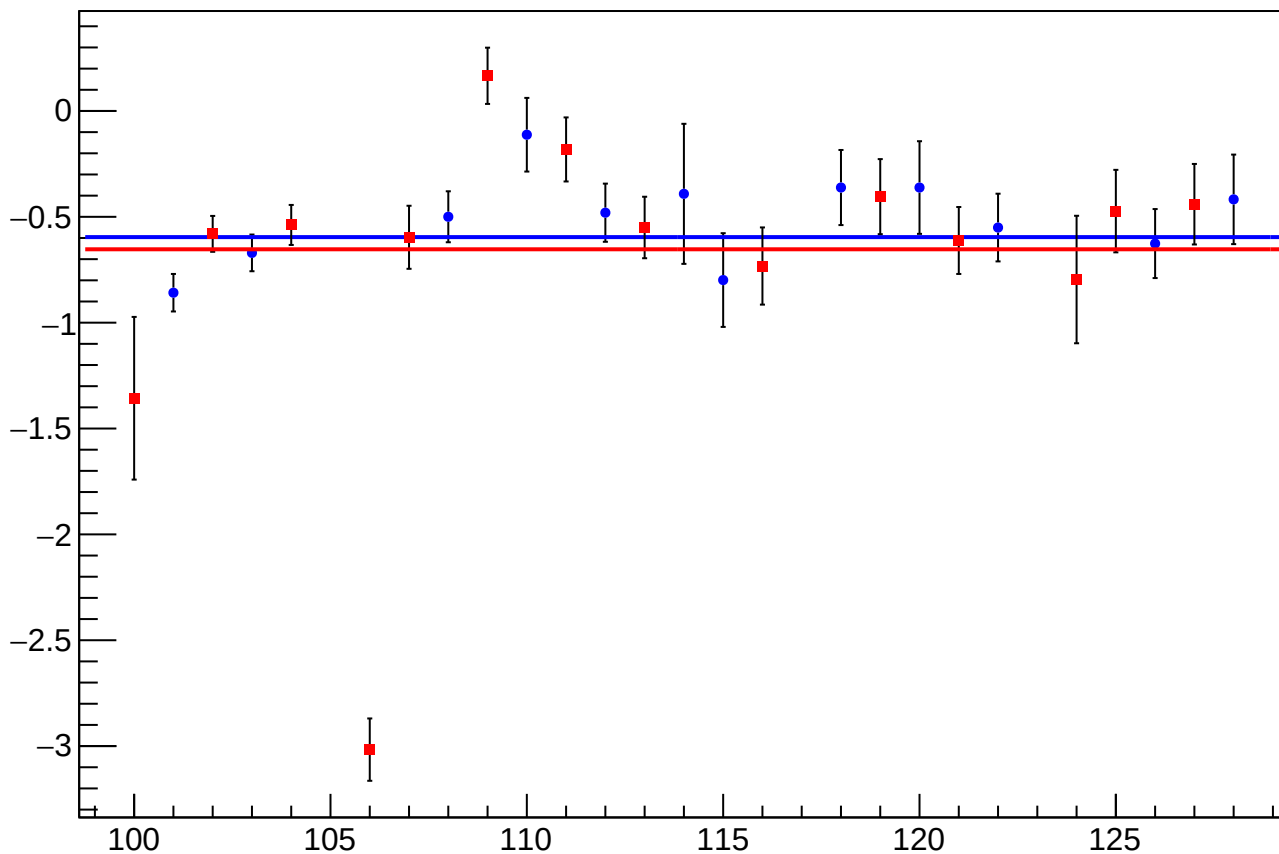
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -8.174+/-0.485 χ^2 /NDF: 639.2/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.596 ± 0.041 χ^2/NDF : 23.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.653 ± 0.039 χ^2/NDF : 316.2/13

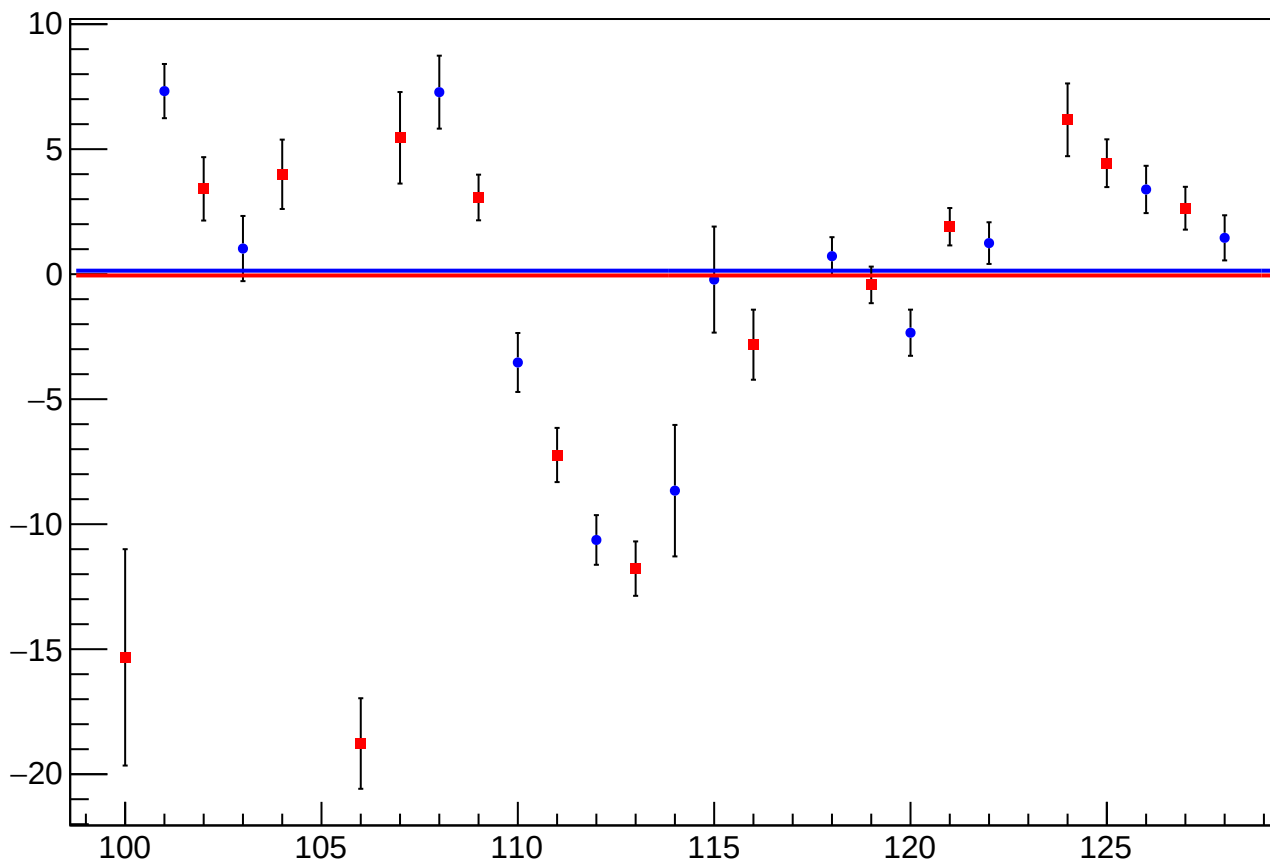
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.626 ± 0.028 χ^2/NDF : 340.8/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.140 $\pm$ 0.306 χ^2 /NDF: 230.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.051 $\pm$ 0.291 χ^2 /NDF: 377.2/13

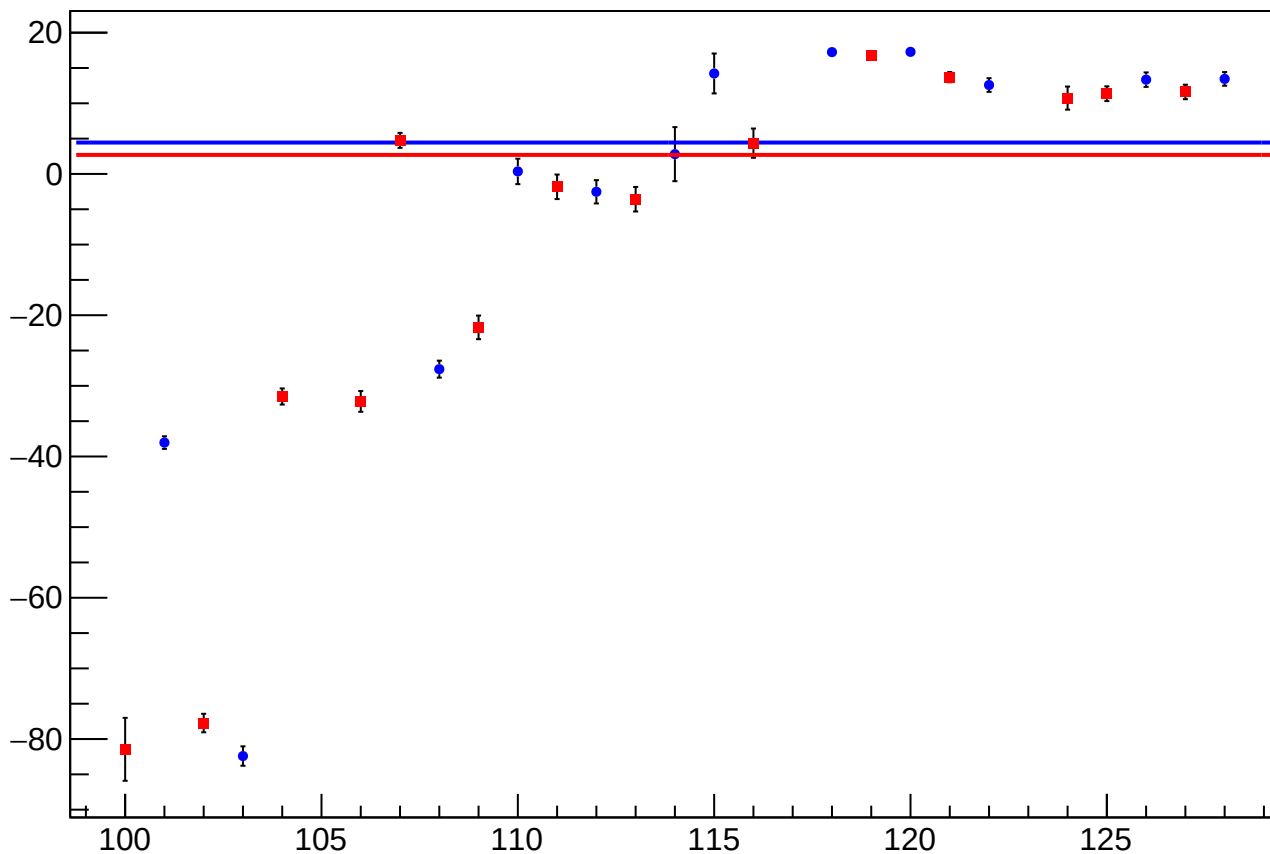
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.040 $\pm$ 0.211 χ^2 /NDF: 607.7/25

- 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: 4.445 $\pm$ 0.267 χ^2 /NDF: 8496.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.696 $\pm$ 0.281 χ^2 /NDF: 7117.6/13

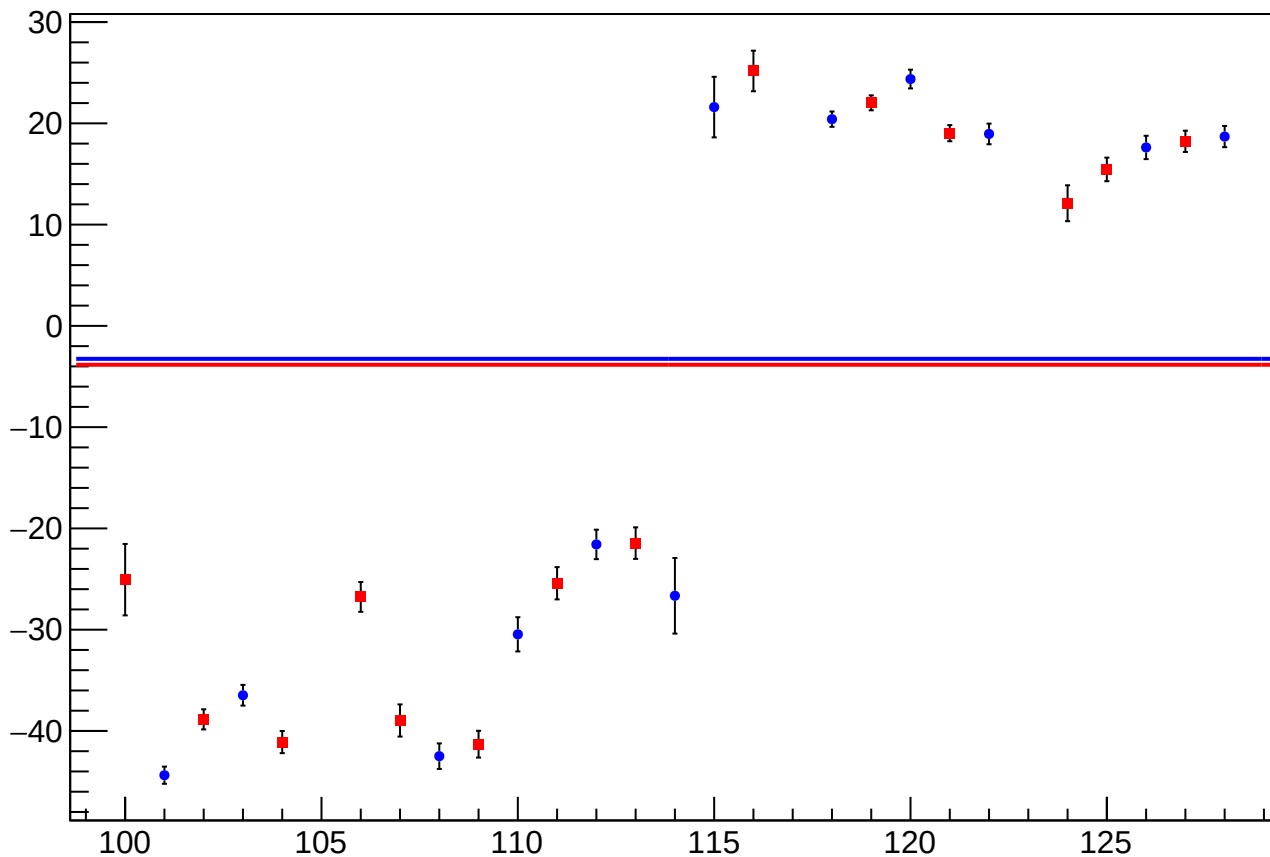
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.616 $\pm$ 0.193 χ^2 /NDF: 15634.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: -3.255+/-0.324 χ^2/NDF : 8006.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.839+/-0.320 χ^2/NDF : 7341.7/13

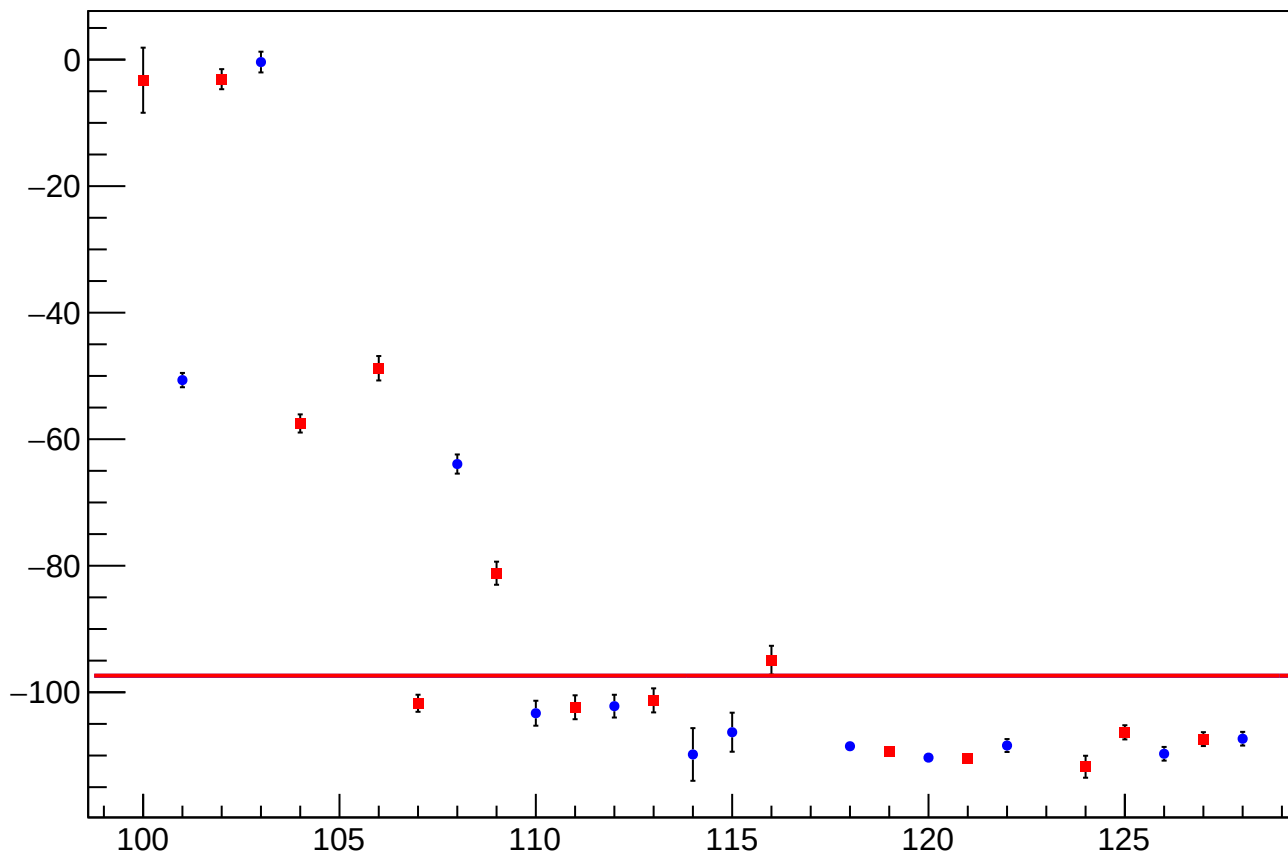
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.551+/-0.228 χ^2/NDF : 15350.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -97.394+/-0.325 χ^2/NDF : 6693.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -97.372+/-0.332 χ^2/NDF : 6253.4/13

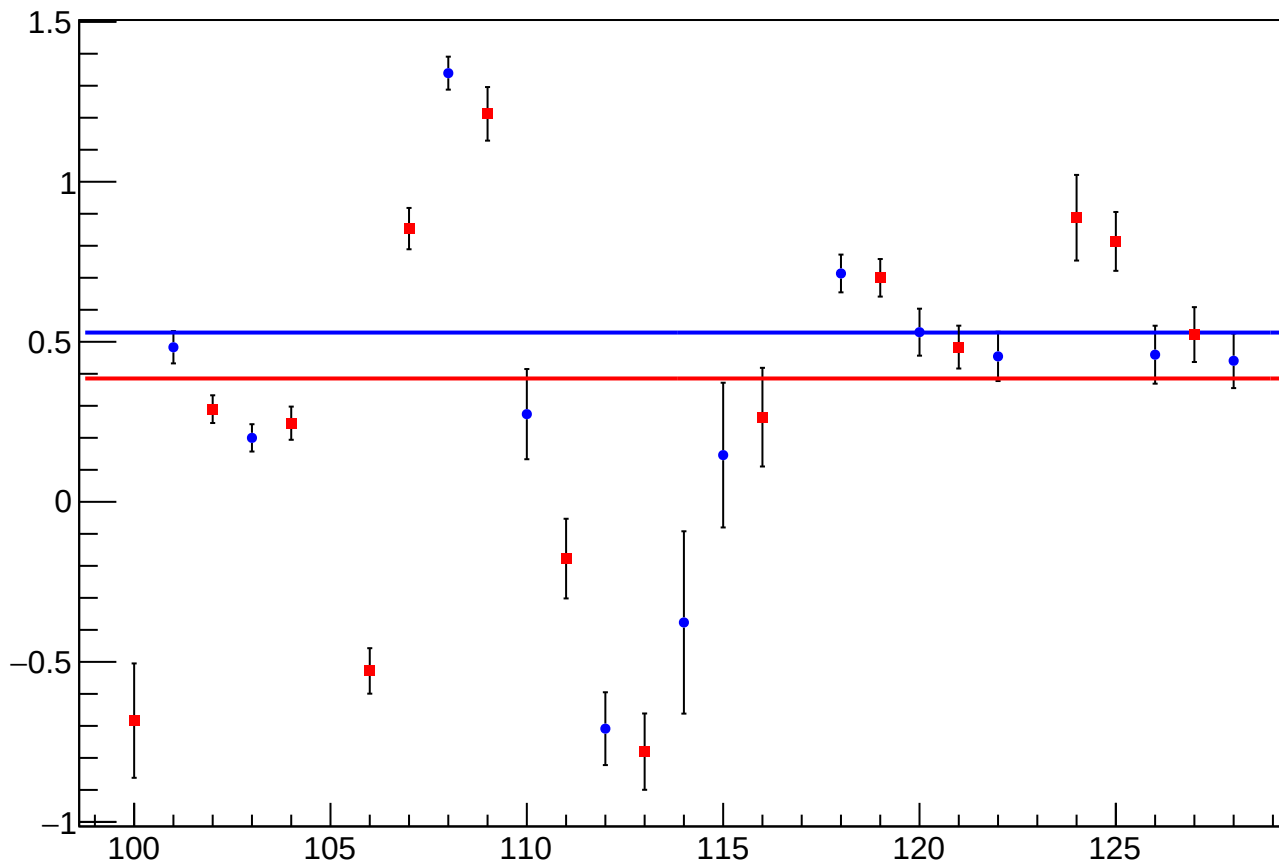
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -97.383+/-0.232 χ^2/NDF : 12947.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.529 $\pm$ 0.020 χ^2 /NDF: 454.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.385 $\pm$ 0.020 χ^2 /NDF: 549.4/13

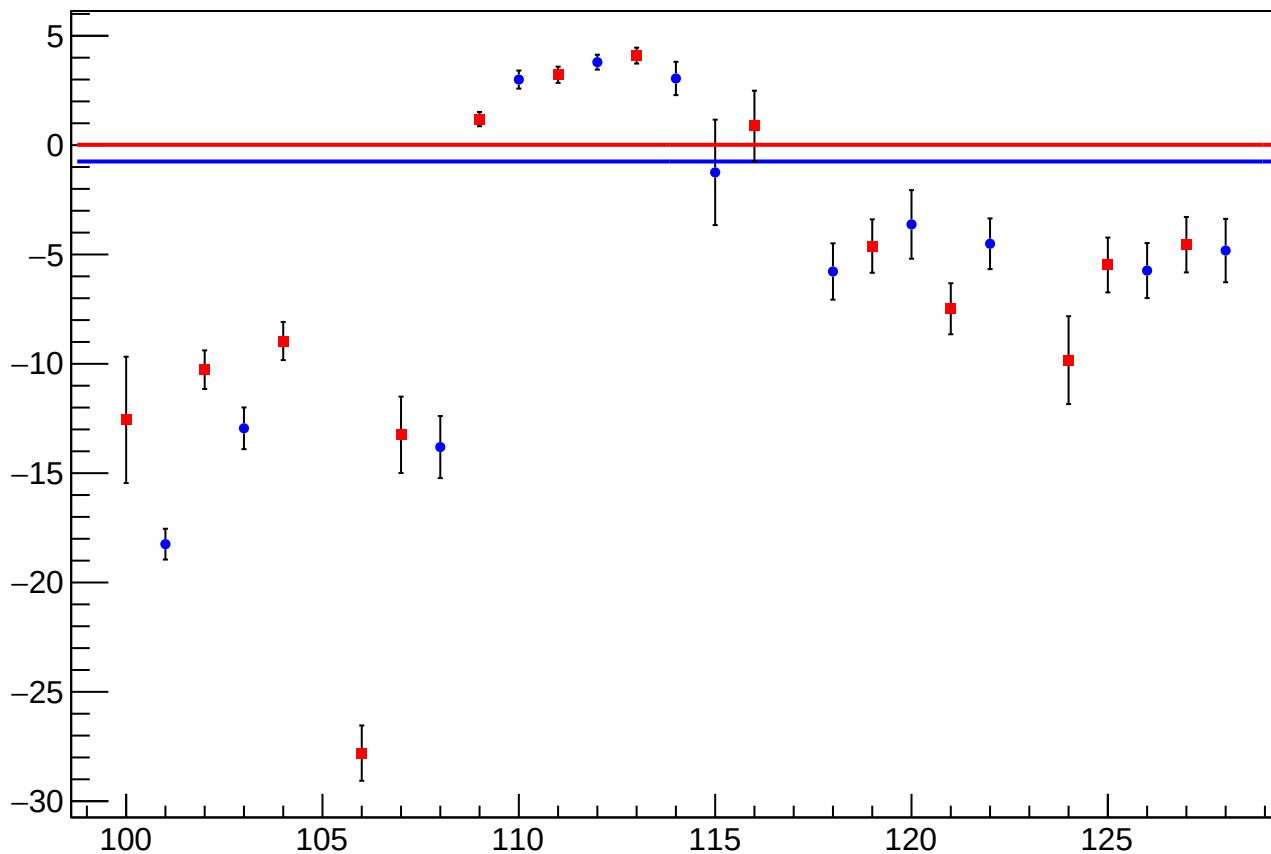
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.455 $\pm$ 0.014 χ^2 /NDF: 1029.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



Right In: -0.747+/-0.209 χ^2 /NDF: 1203.7/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.016+/-0.179 χ^2 /NDF: 1126.5/13

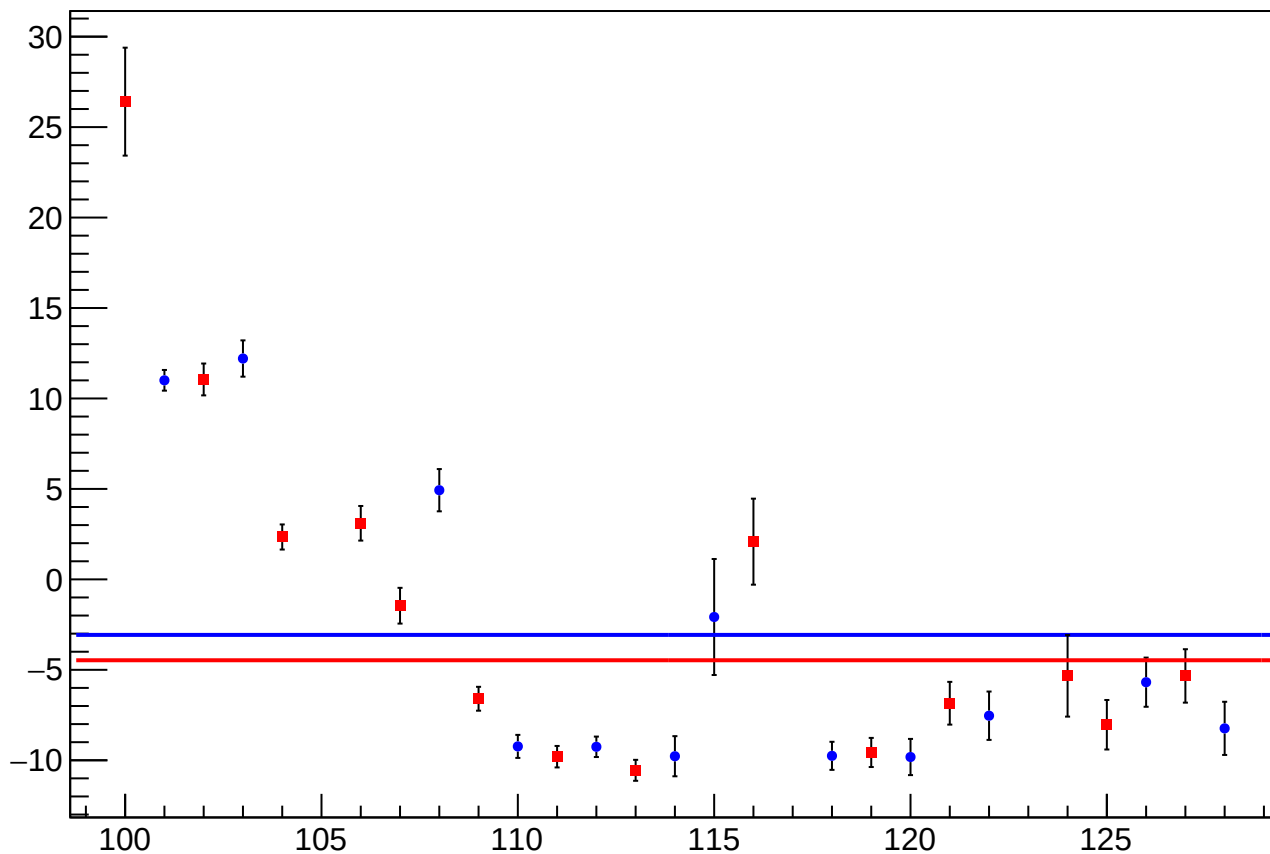
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.307+/-0.136 χ^2 /NDF: 2337.9/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: -3.070 ± 0.254 χ^2/NDF : 1281.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.471 ± 0.240 χ^2/NDF : 846.7/13

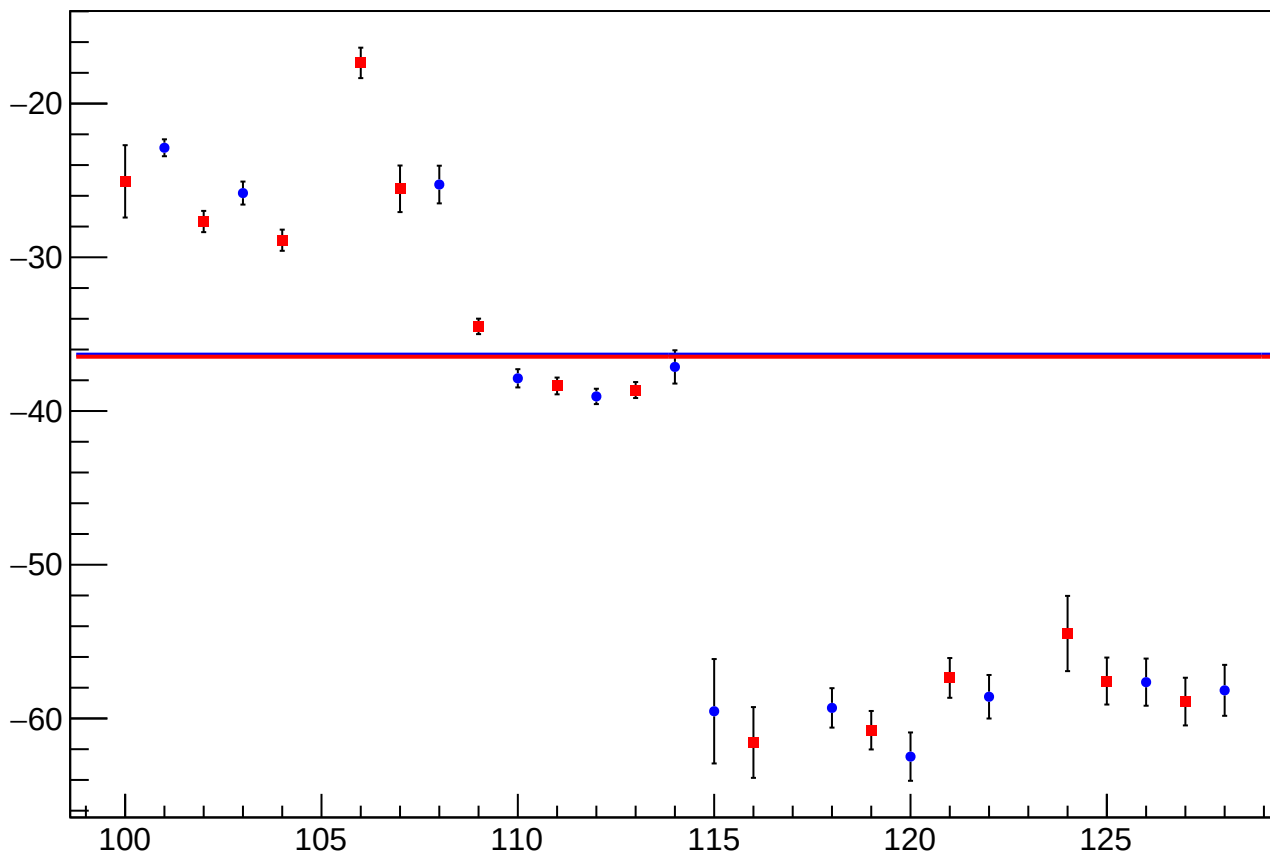
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.809 ± 0.174 χ^2/NDF : 2144.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



Right In: -36.333 ± 0.251 χ^2/NDF : 2171.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -36.467 ± 0.228 χ^2/NDF : 1986.7/13

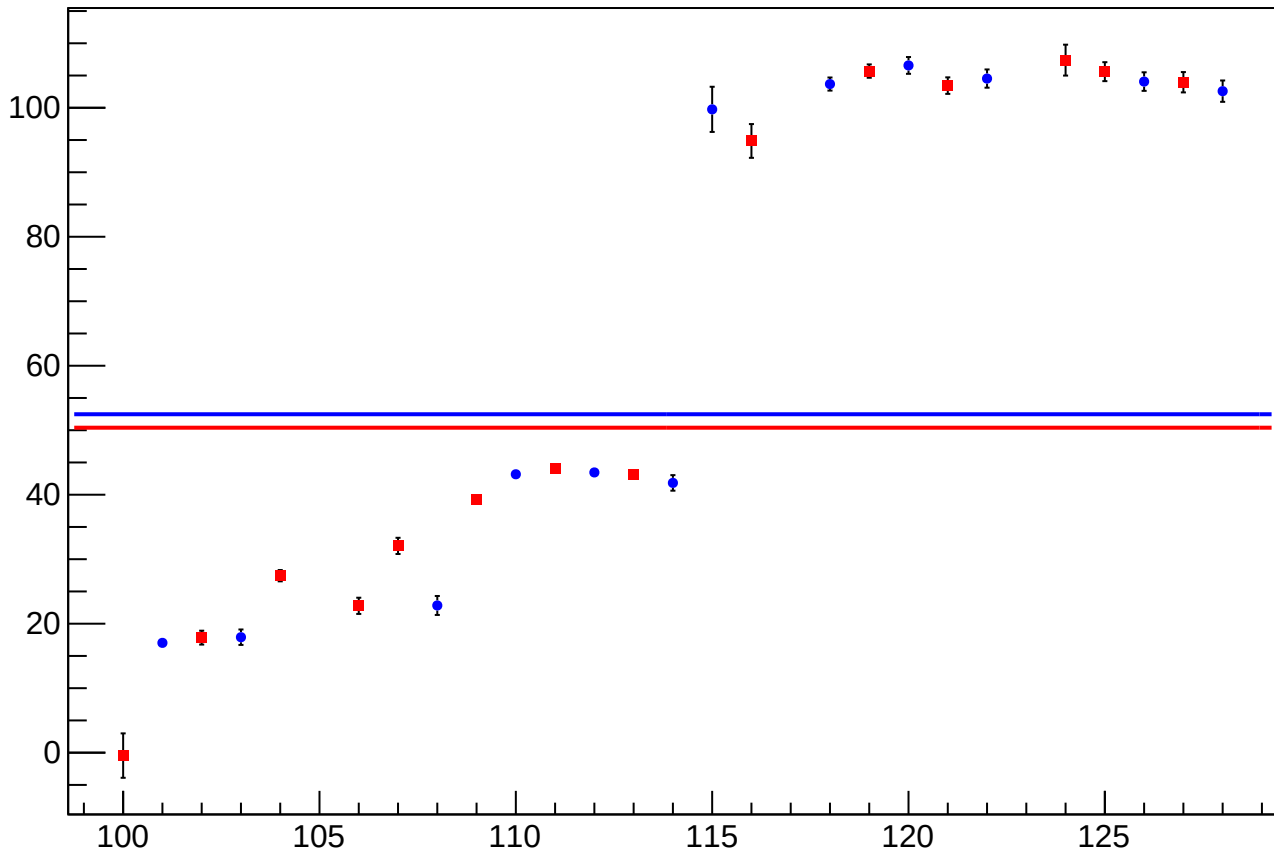
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.407 ± 0.169 χ^2/NDF : 4158.6/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 52.478 $\pm$ 0.296 χ^2 /NDF: 12090.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 50.392 $\pm$ 0.275 χ^2 /NDF: 10993.3/13

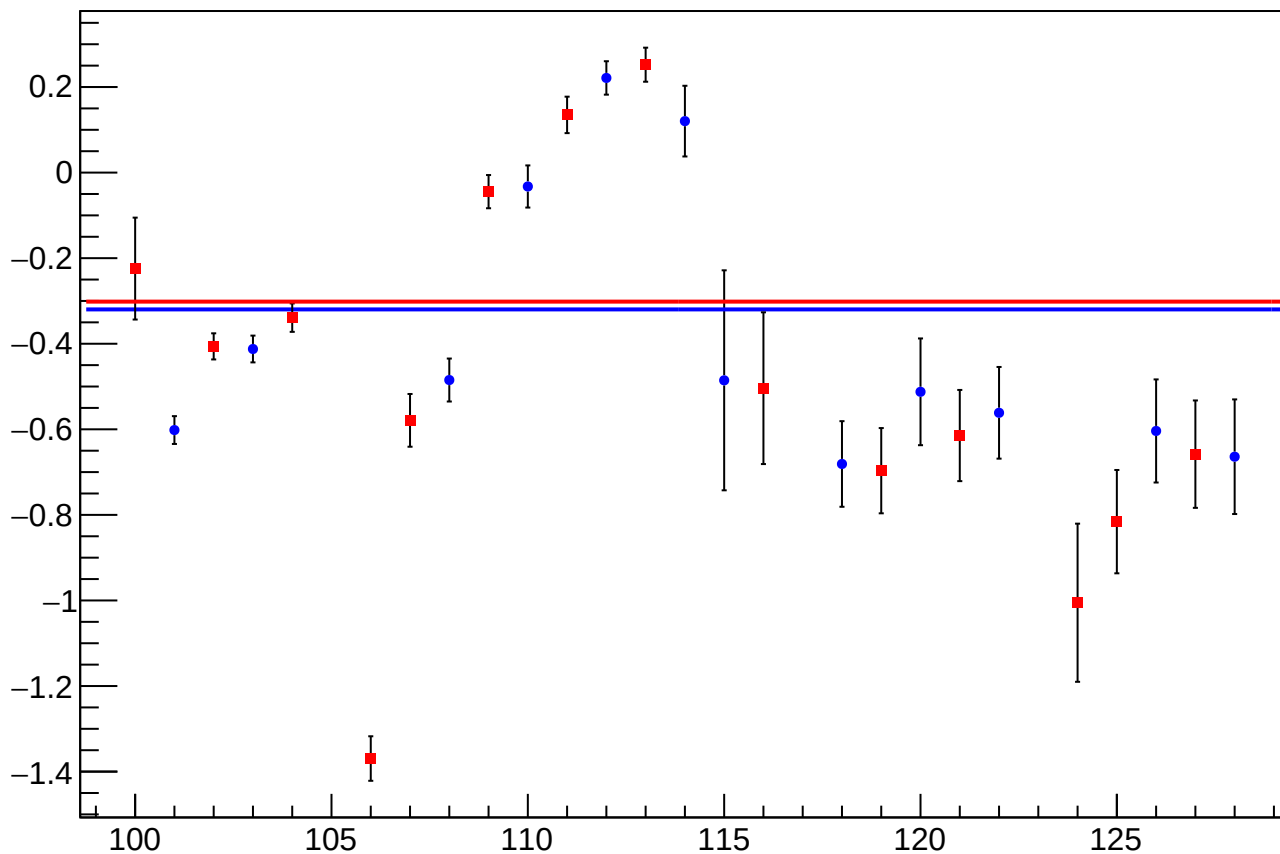
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 51.359 $\pm$ 0.202 χ^2 /NDF: 23110.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



Right In: -0.320 ± 0.016 χ^2/NDF : 382.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.302 ± 0.014 χ^2/NDF : 863.7/13

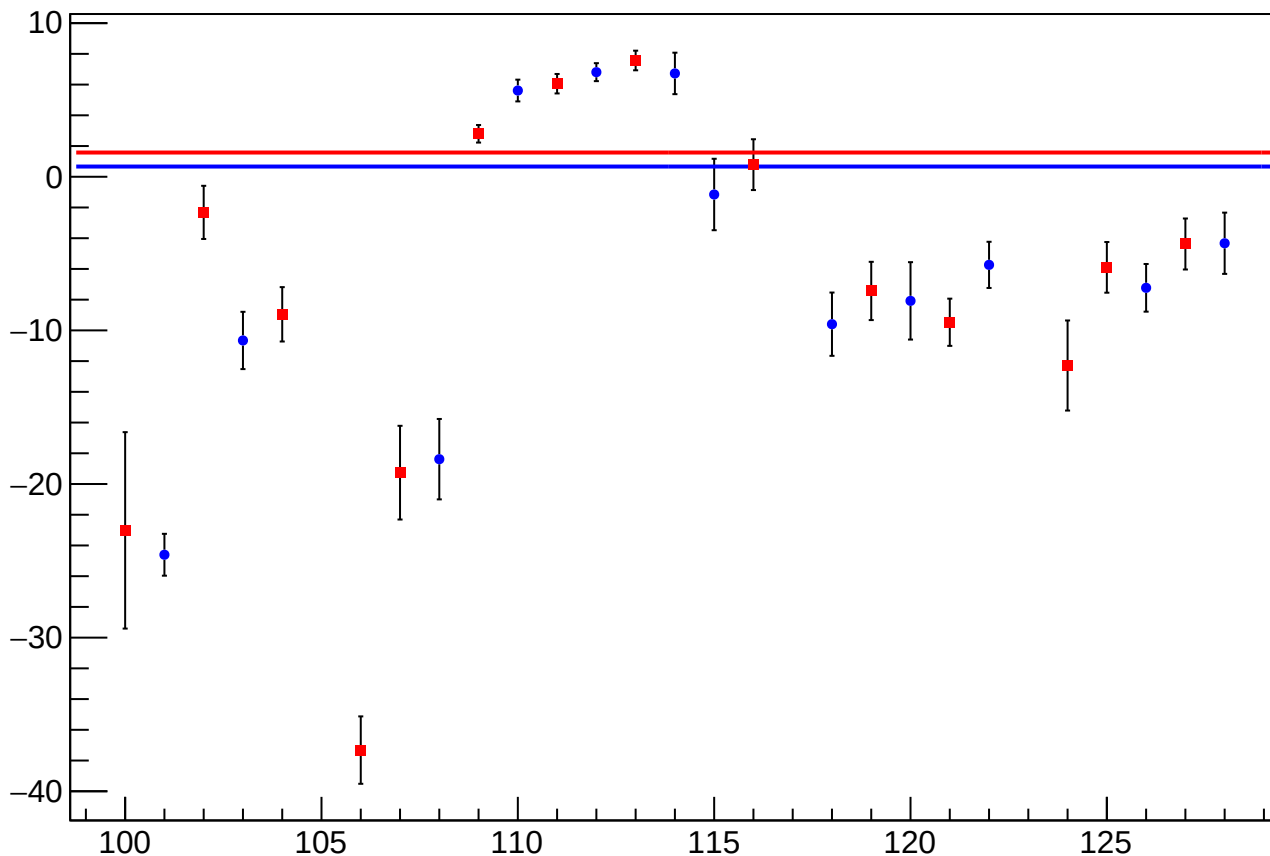
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.310 ± 0.011 χ^2/NDF : 1246.5/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



Right In: 0.665+/-0.351 χ^2/NDF : 701.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.578+/-0.303 χ^2/NDF : 689.1/13

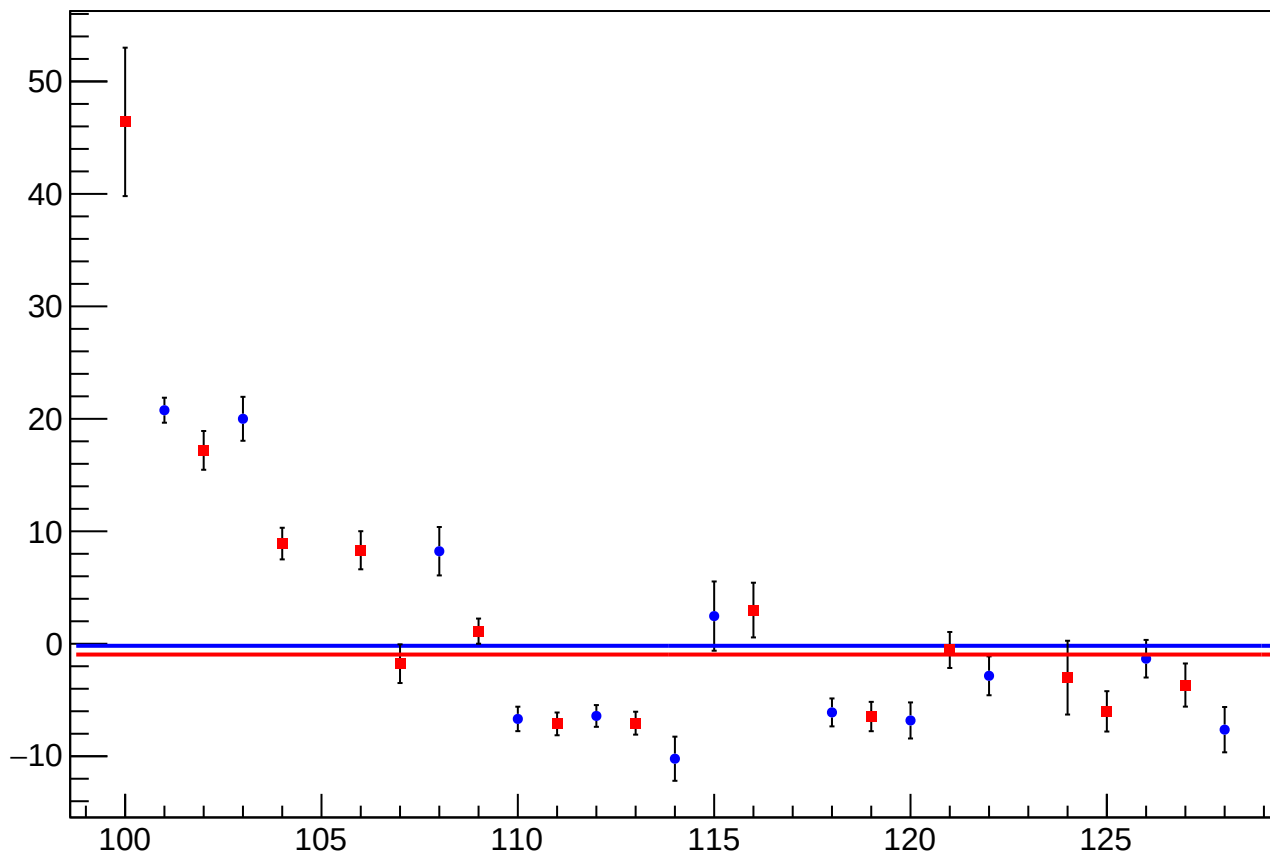
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.188+/-0.229 χ^2/NDF : 1394.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: -0.180 ± 0.425 χ^2/NDF : 638.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.958 ± 0.404 χ^2/NDF : 349.3/13

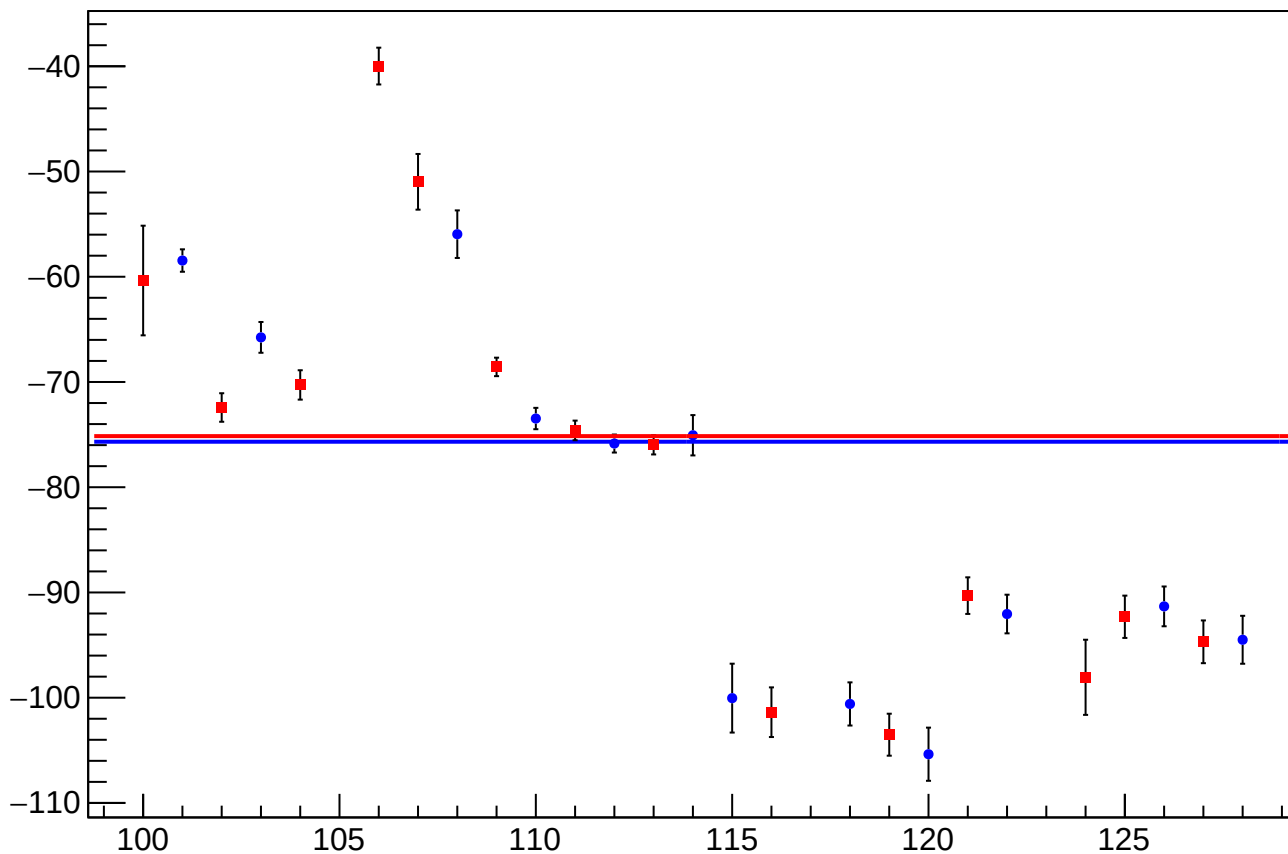
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.588 ± 0.293 χ^2/NDF : 989.2/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



Right In: -75.677 ± 0.430 χ^2/NDF : 945.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -75.144 ± 0.391 χ^2/NDF : 1178.1/13

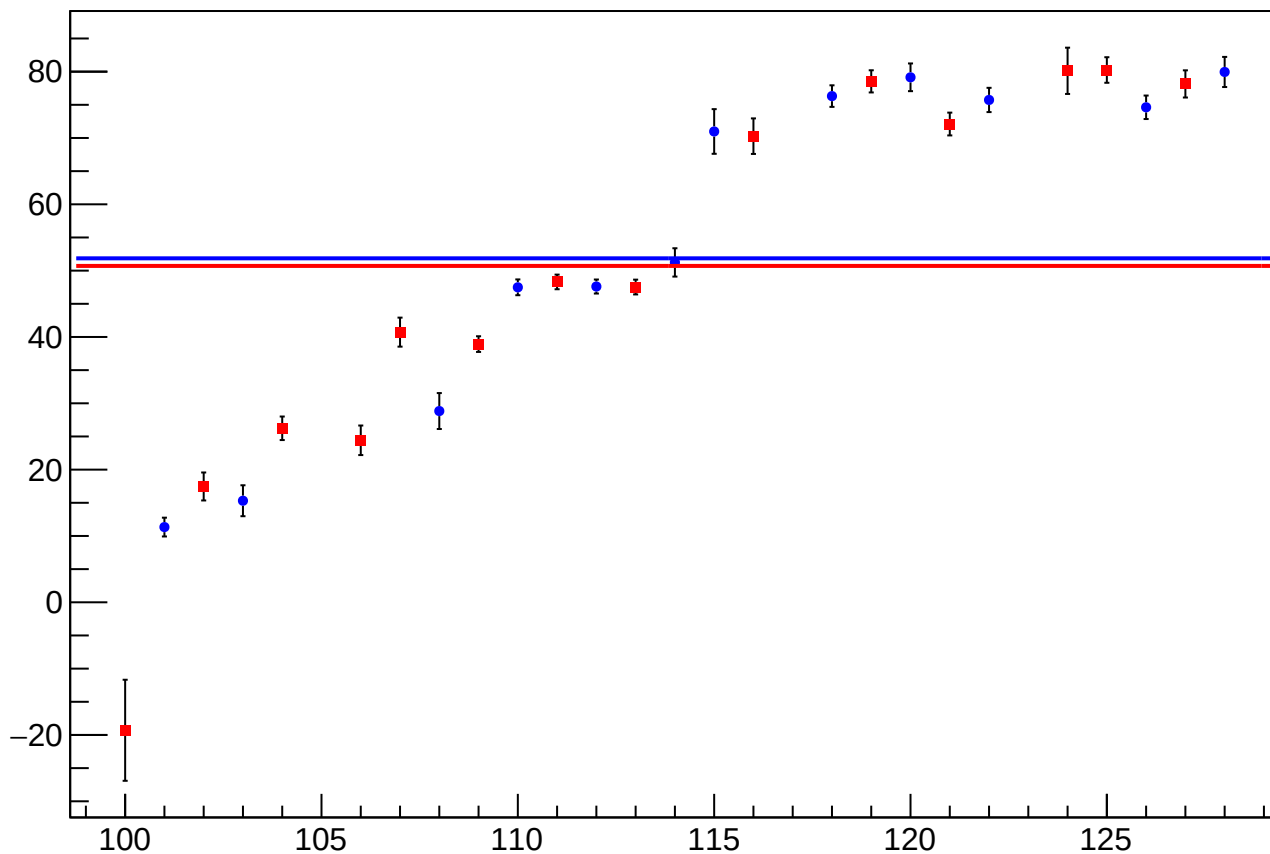
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -75.386 ± 0.289 χ^2/NDF : 2124.2/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 51.857 $\pm$ 0.491 χ^2 /NDF: 2083.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 50.712 $\pm$ 0.459 χ^2 /NDF: 1766.9/13

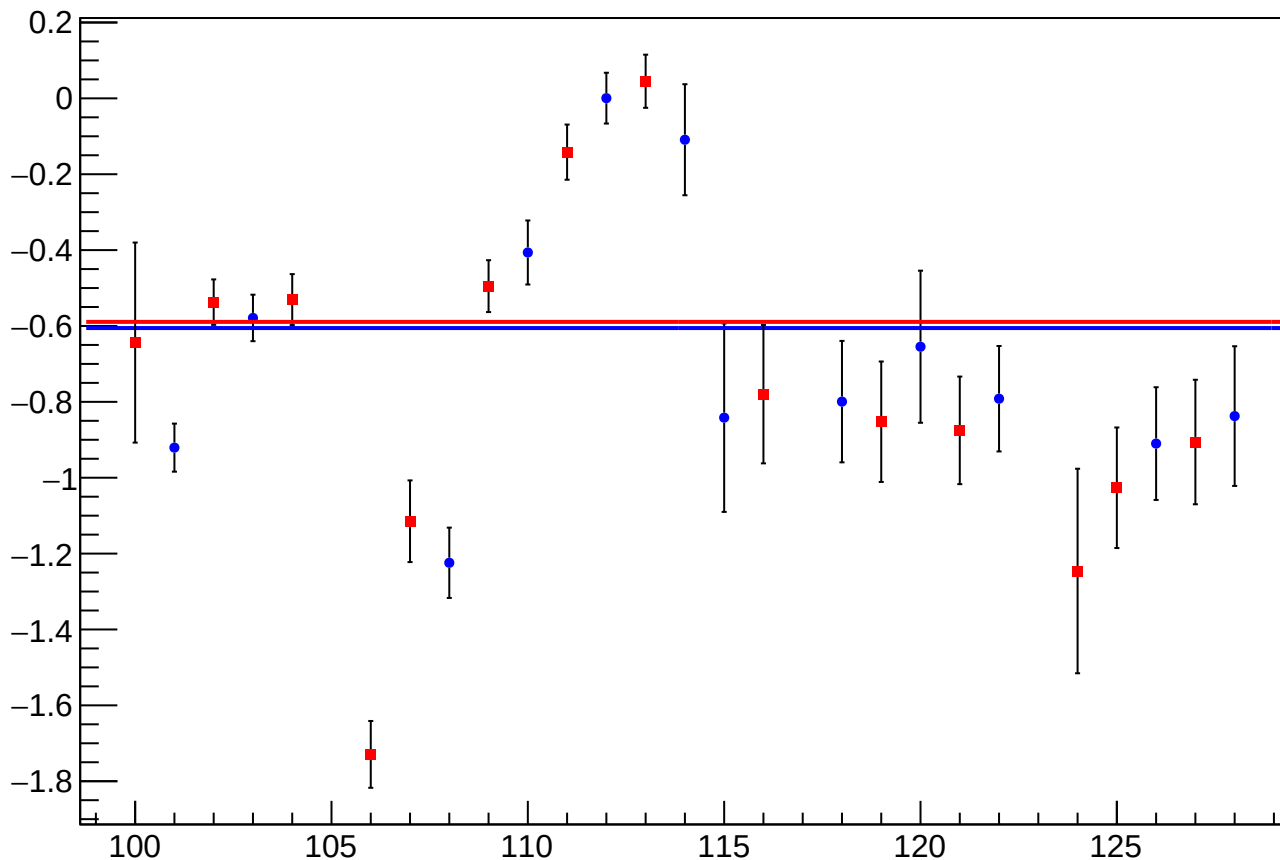
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 51.246 $\pm$ 0.336 χ^2 /NDF: 3853.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: -0.605+/-0.028 χ^2/NDF : 178.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.589+/-0.025 χ^2/NDF : 339.9/13

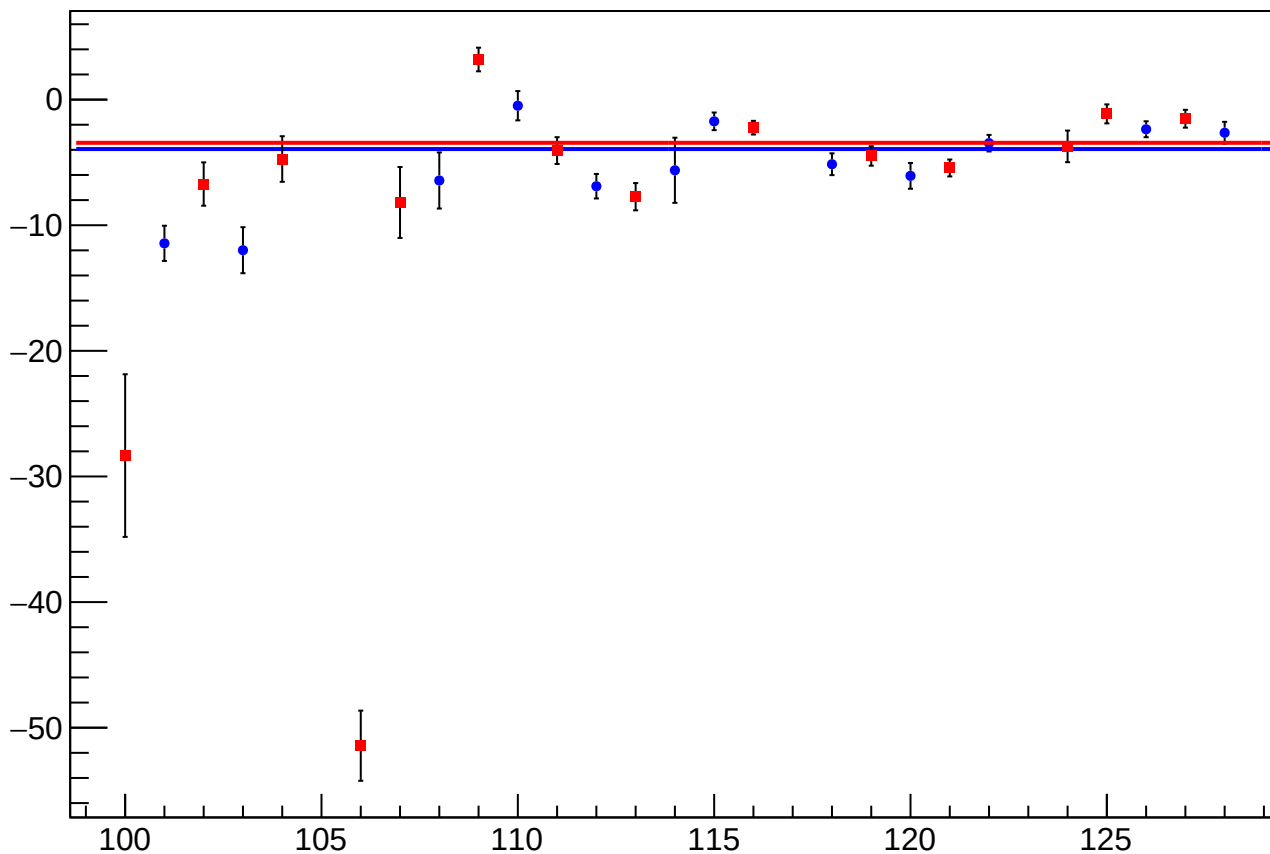
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.596+/-0.019 χ^2/NDF : 518.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: -3.935+/-0.274 χ^2/NDF : 92.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.438+/-0.255 χ^2/NDF : 415.1/13

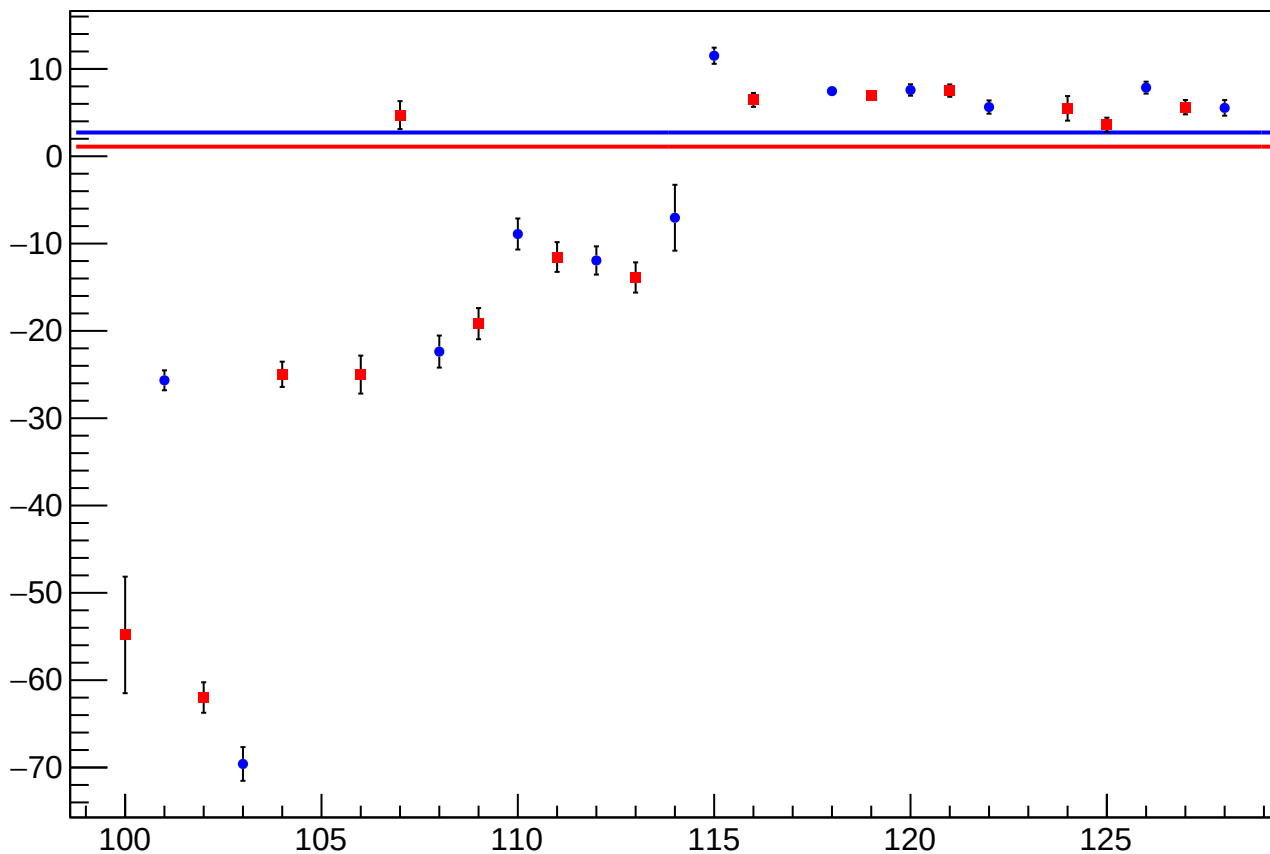
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.669+/-0.186 χ^2/NDF : 509.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 2.719+/-0.264 χ^2/NDF : 2649.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.101+/-0.278 χ^2/NDF : 2407.6/13

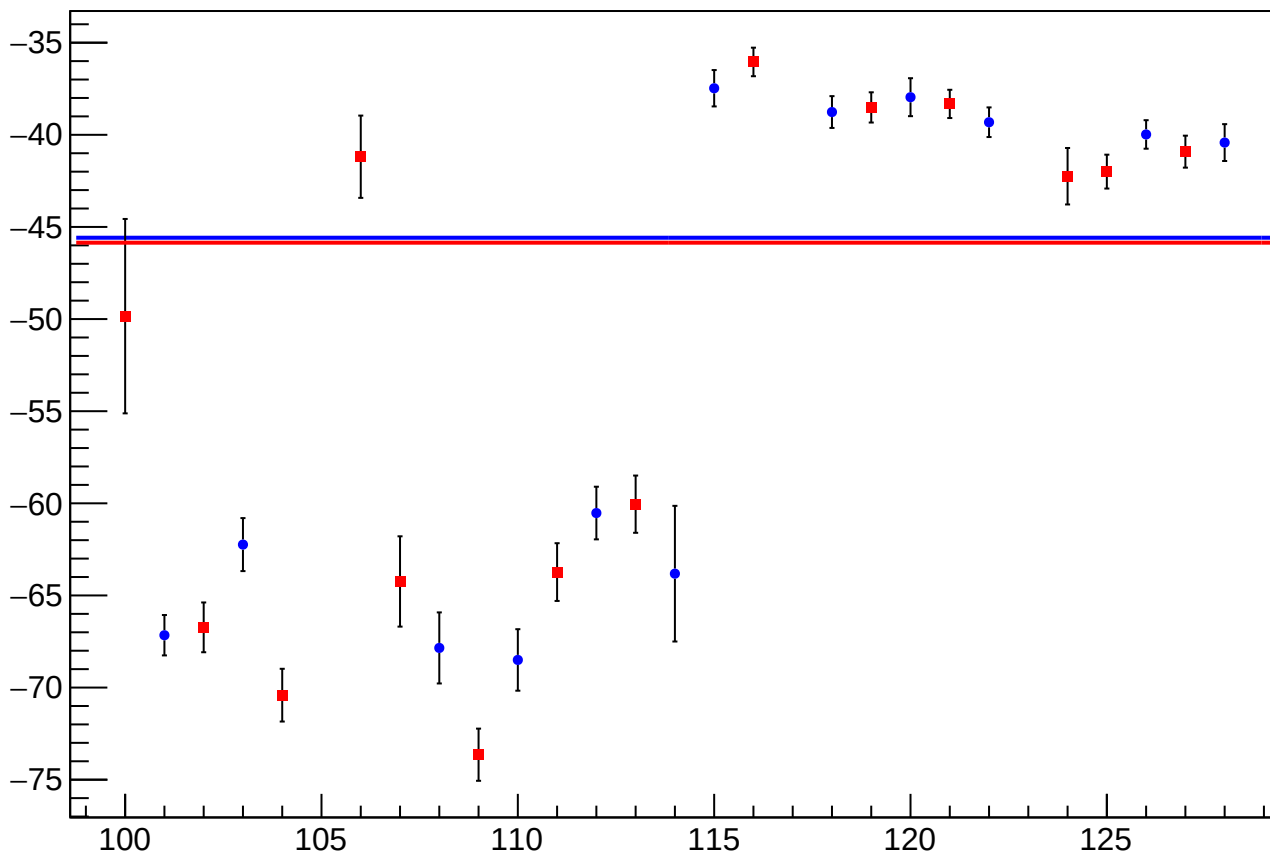
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.953+/-0.191 χ^2/NDF : 5075.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



Right In: -45.585 $\pm$ 0.316 χ^2 /NDF: 1301.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -45.854 $\pm$ 0.308 χ^2 /NDF: 1585.7/13

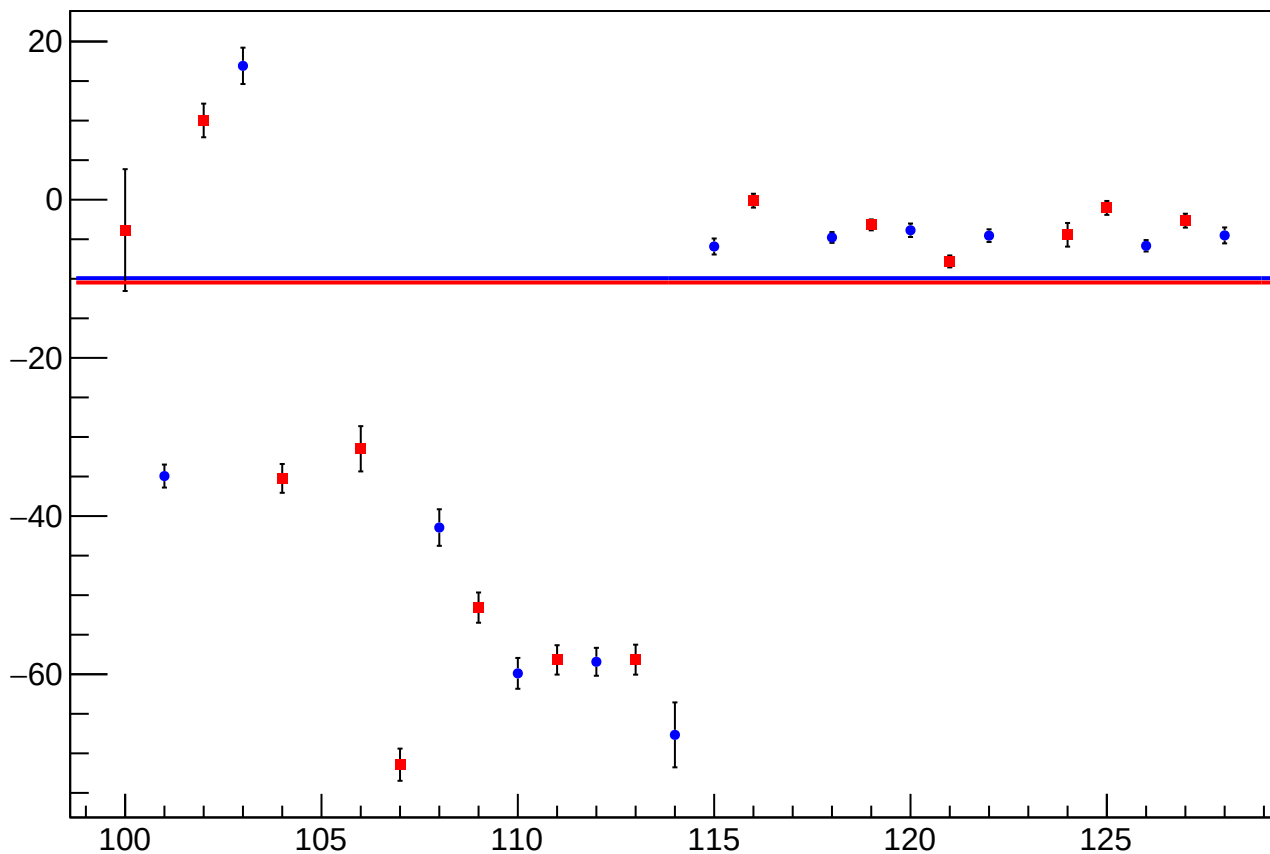
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -45.723 $\pm$ 0.220 χ^2 /NDF: 2888.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: -9.923+/-0.310 χ^2/NDF : 2456.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.472+/-0.317 χ^2/NDF : 3460.2/13

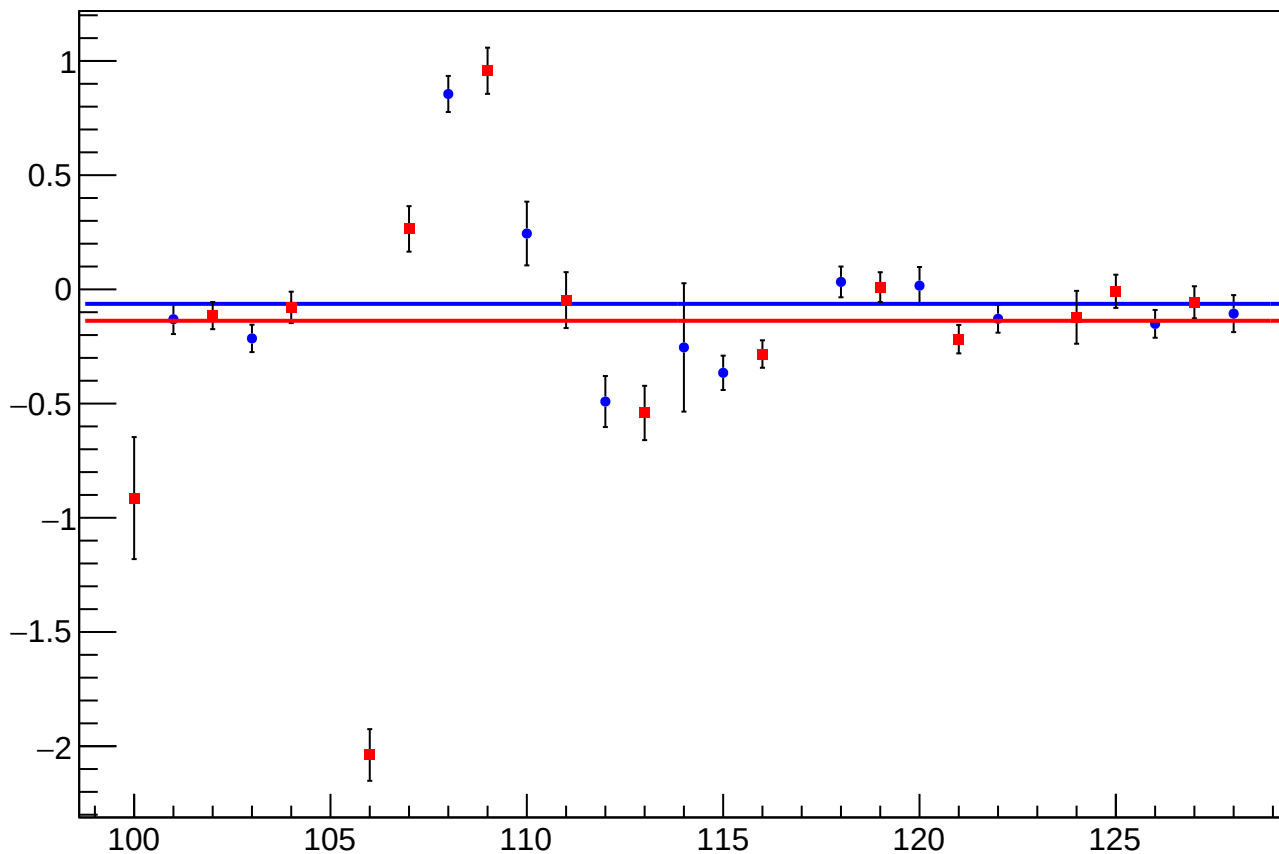
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.191+/-0.222 χ^2/NDF : 5918.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: -0.063 ± 0.022 χ^2/NDF : 185.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.138 ± 0.022 χ^2/NDF : 454.6/13

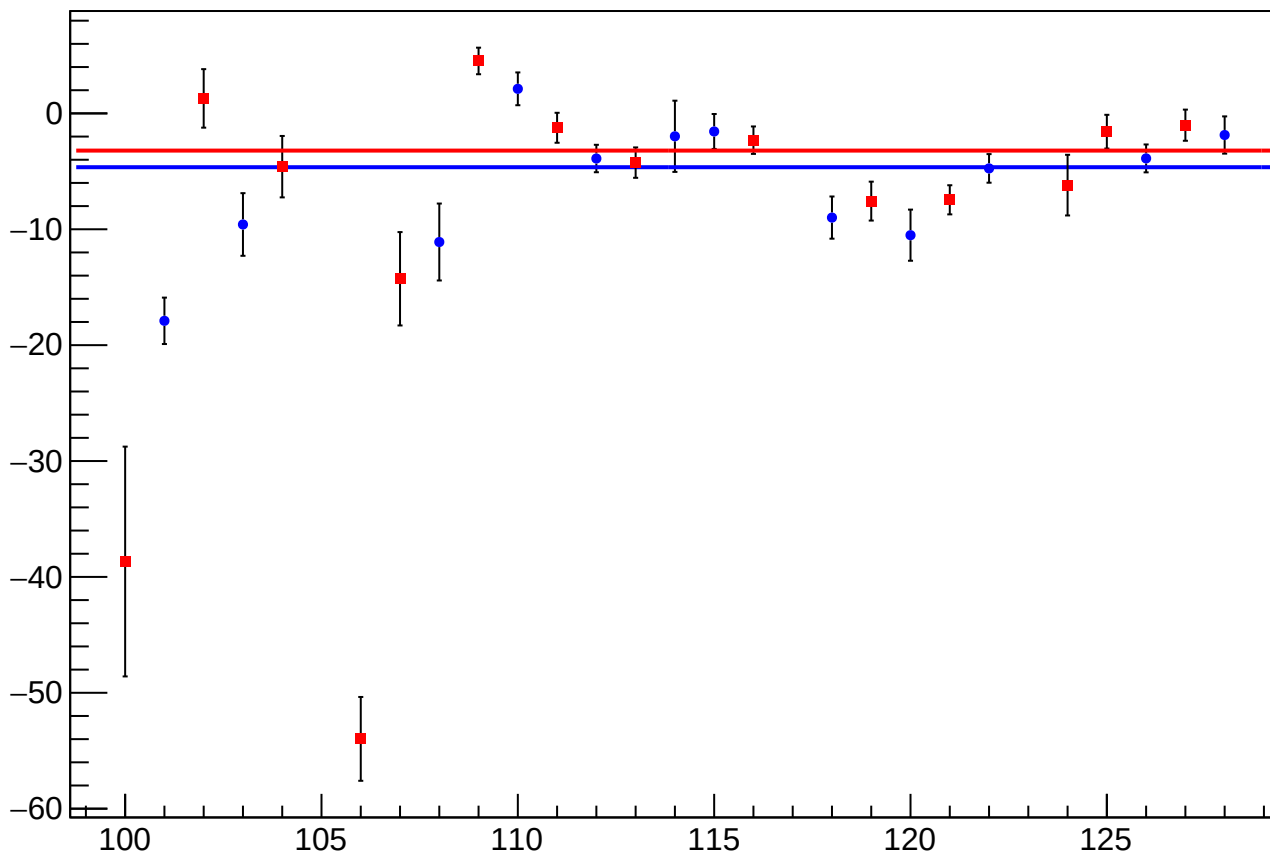
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.101 ± 0.015 χ^2/NDF : 645.5/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: -4.644 ± 0.473 χ^2/NDF : 95.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.210 ± 0.436 χ^2/NDF : 293.2/13

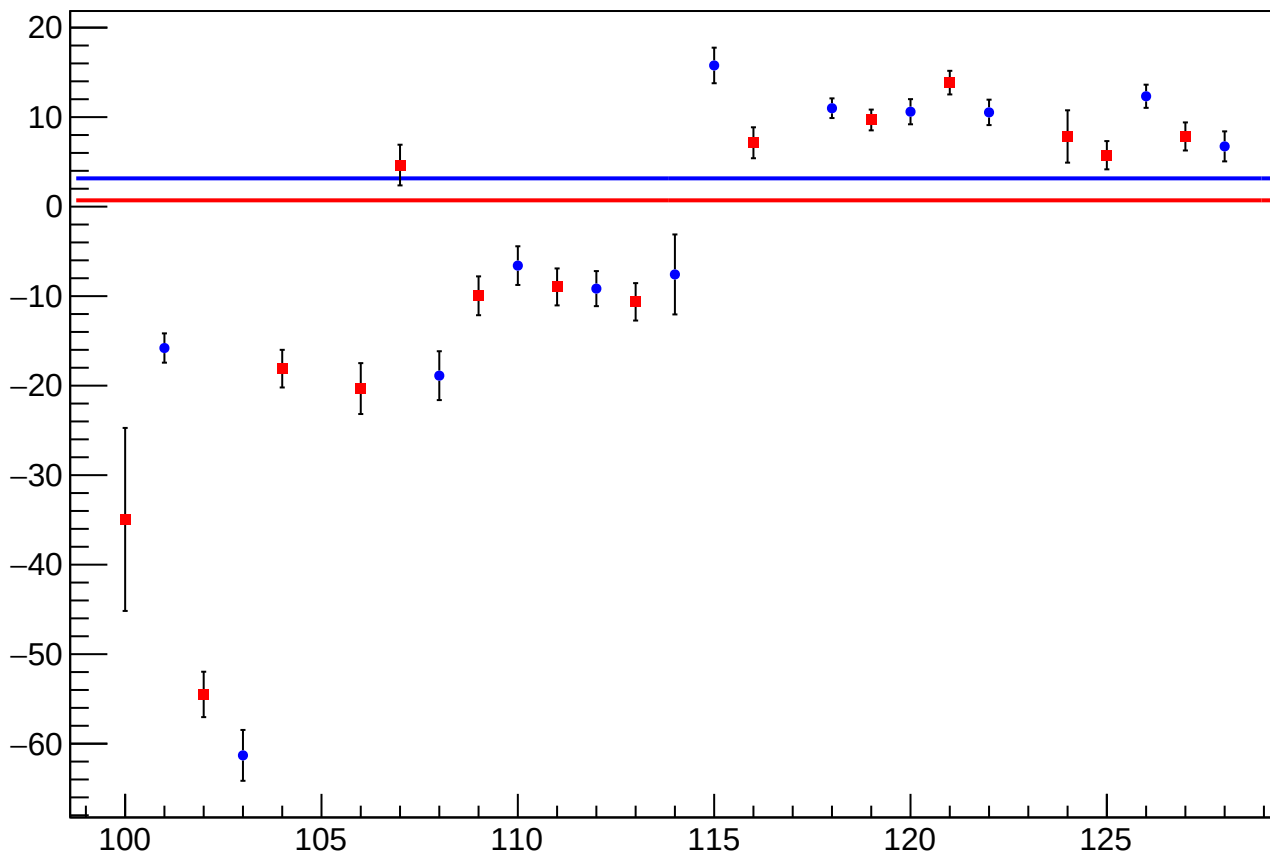
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.869 ± 0.320 χ^2/NDF : 393.4/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 3.158+/-0.488 χ^2/NDF : 981.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.703+/-0.502 χ^2/NDF : 909.1/13

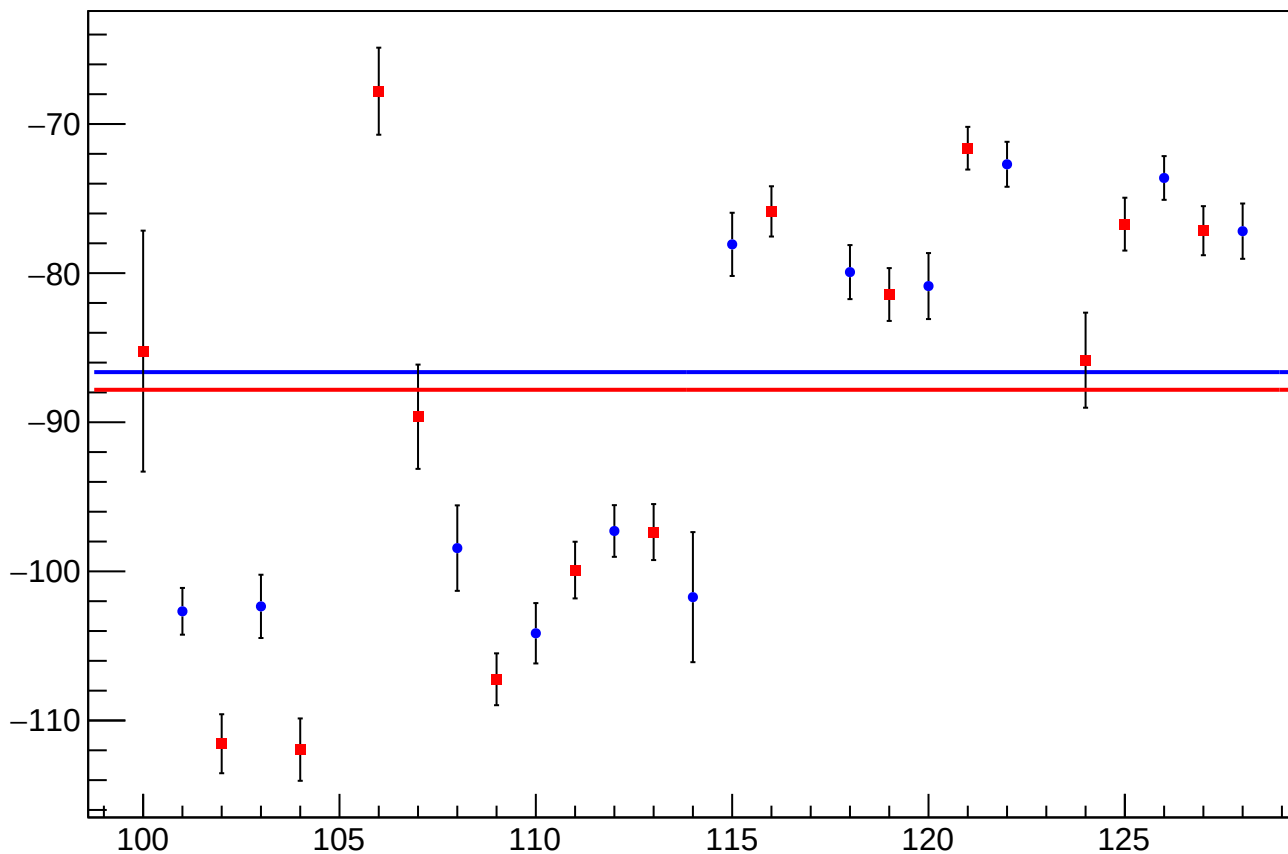
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.966+/-0.350 χ^2/NDF : 1902.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



Right In: -86.638 $\pm$ 0.550 χ^2 /NDF: 528.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -87.823 $\pm$ 0.532 χ^2 /NDF: 788.6/13

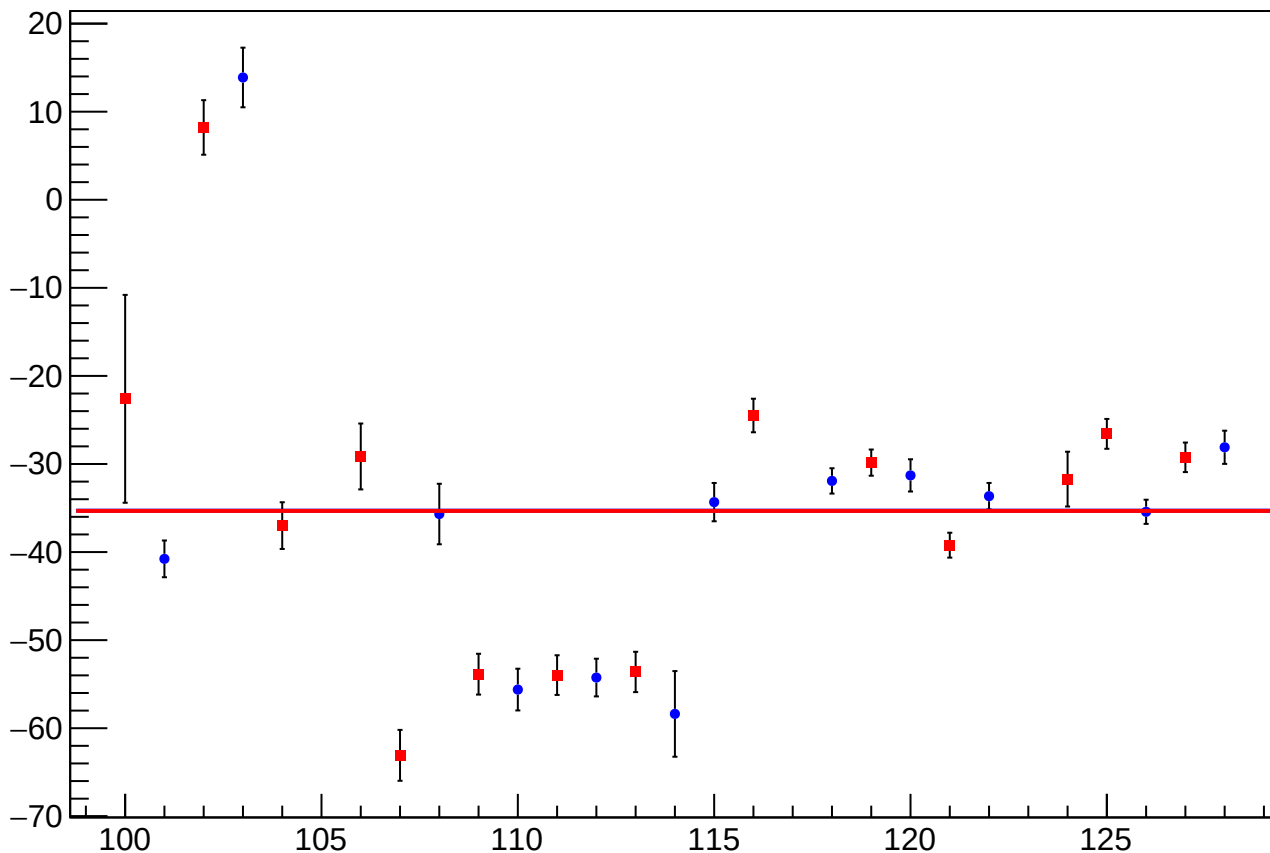
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -87.250 $\pm$ 0.382 χ^2 /NDF: 1319.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



Right In: -35.301 ± 0.569 χ^2/NDF : 418.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.328 ± 0.572 χ^2/NDF : 585.1/13

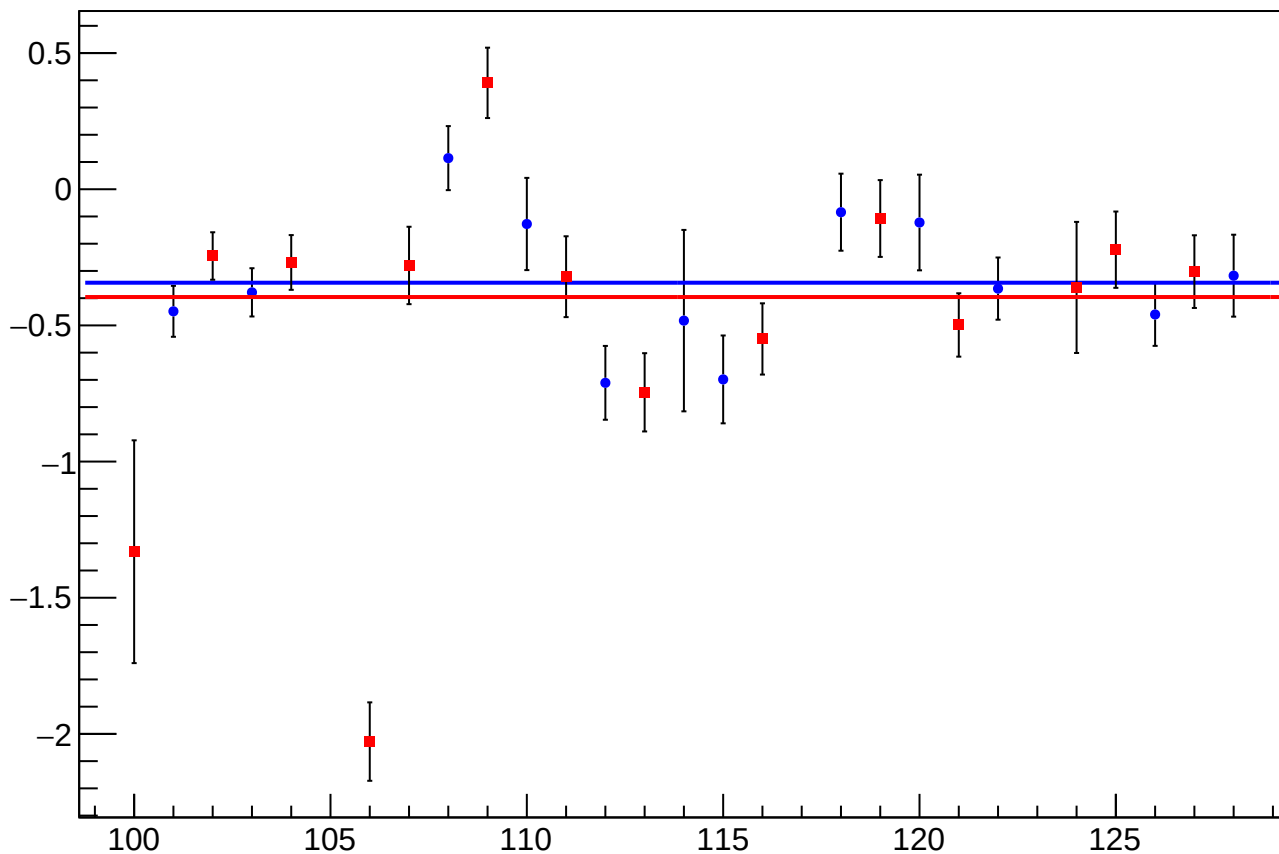
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.314 ± 0.403 χ^2/NDF : 1003.8/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: -0.343 ± 0.037 χ^2/NDF : 36.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.396 ± 0.035 χ^2/NDF : 190.6/13

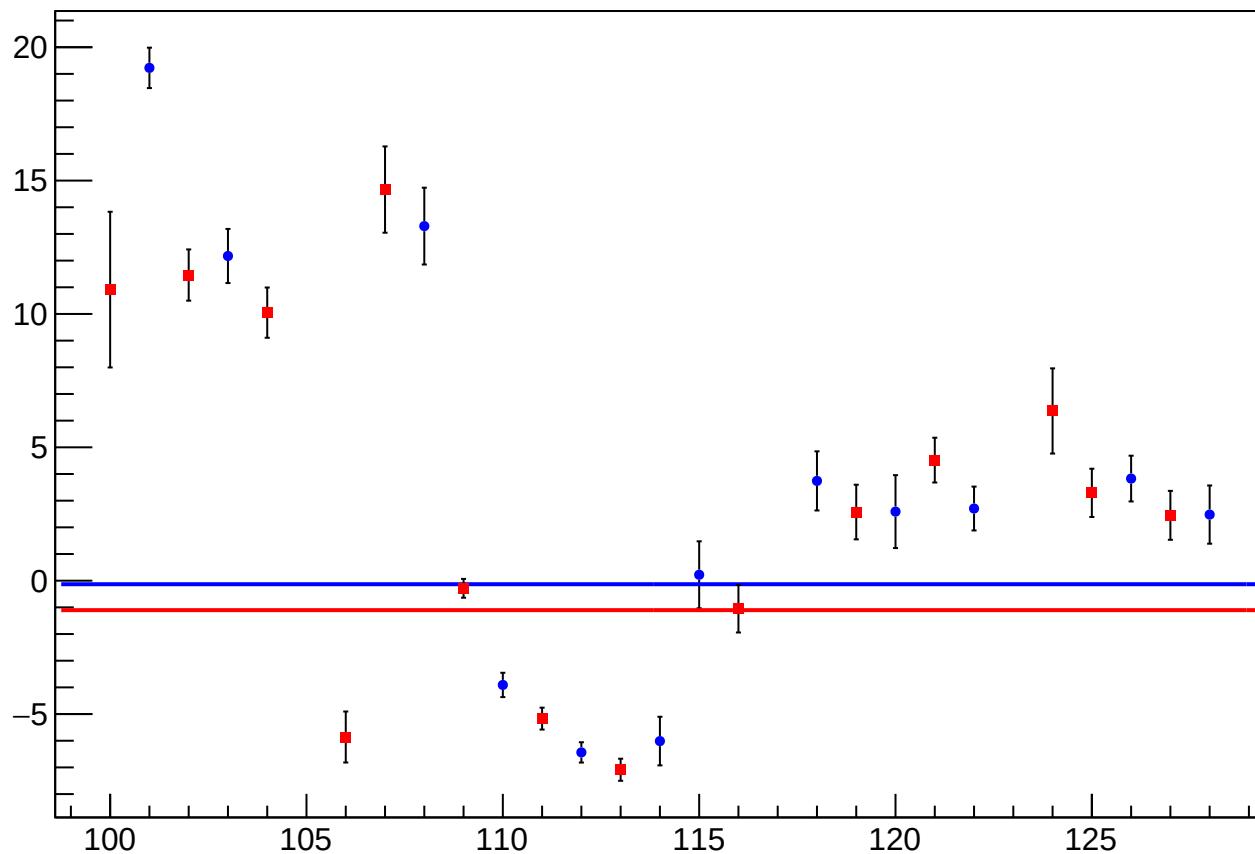
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.371 ± 0.026 χ^2/NDF : 228.2/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



Right In: -0.132 ± 0.214 χ^2/NDF : 1327.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.105 ± 0.182 χ^2/NDF : 878.8/13

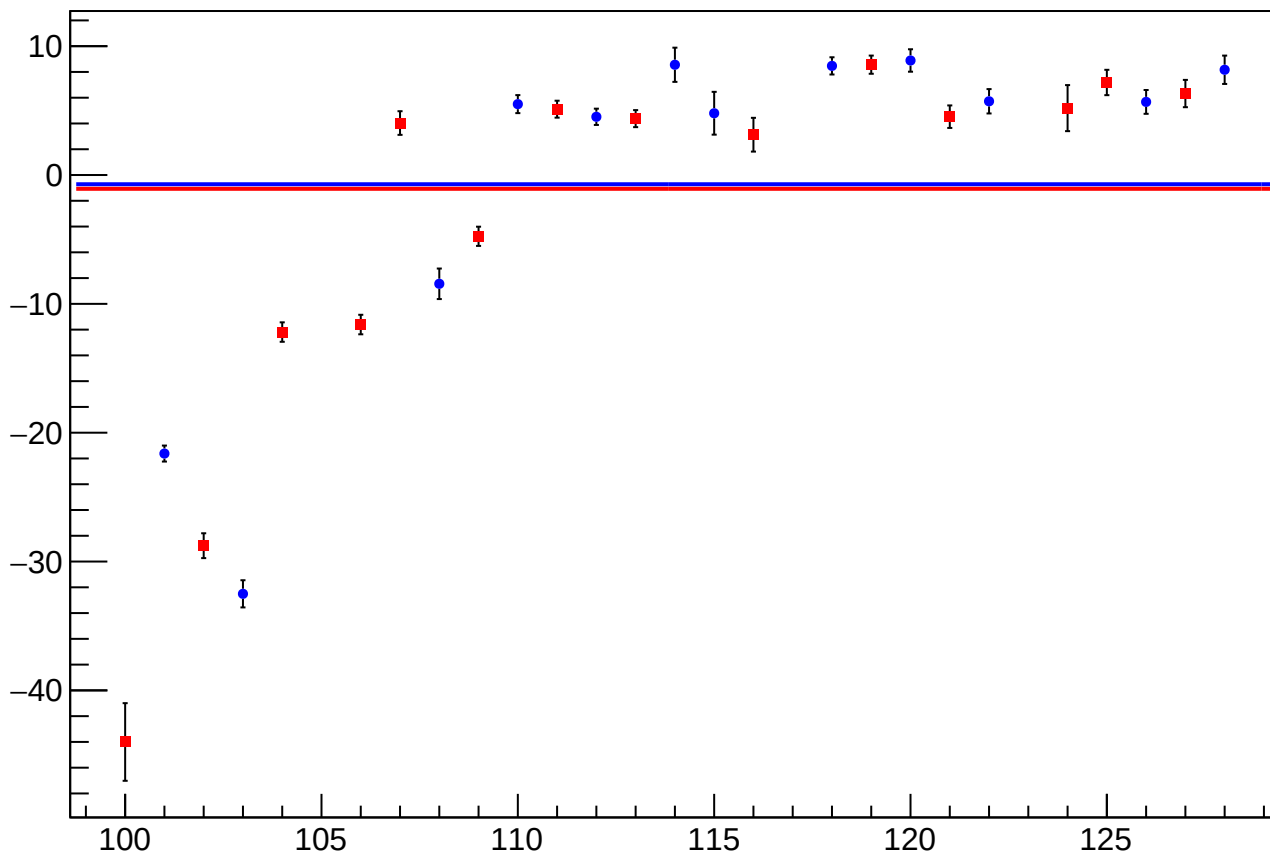
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.696 ± 0.139 χ^2/NDF : 2218.1/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: -0.717 ± 0.247 χ^2/NDF : 2762.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.070 ± 0.233 χ^2/NDF : 2019.7/13

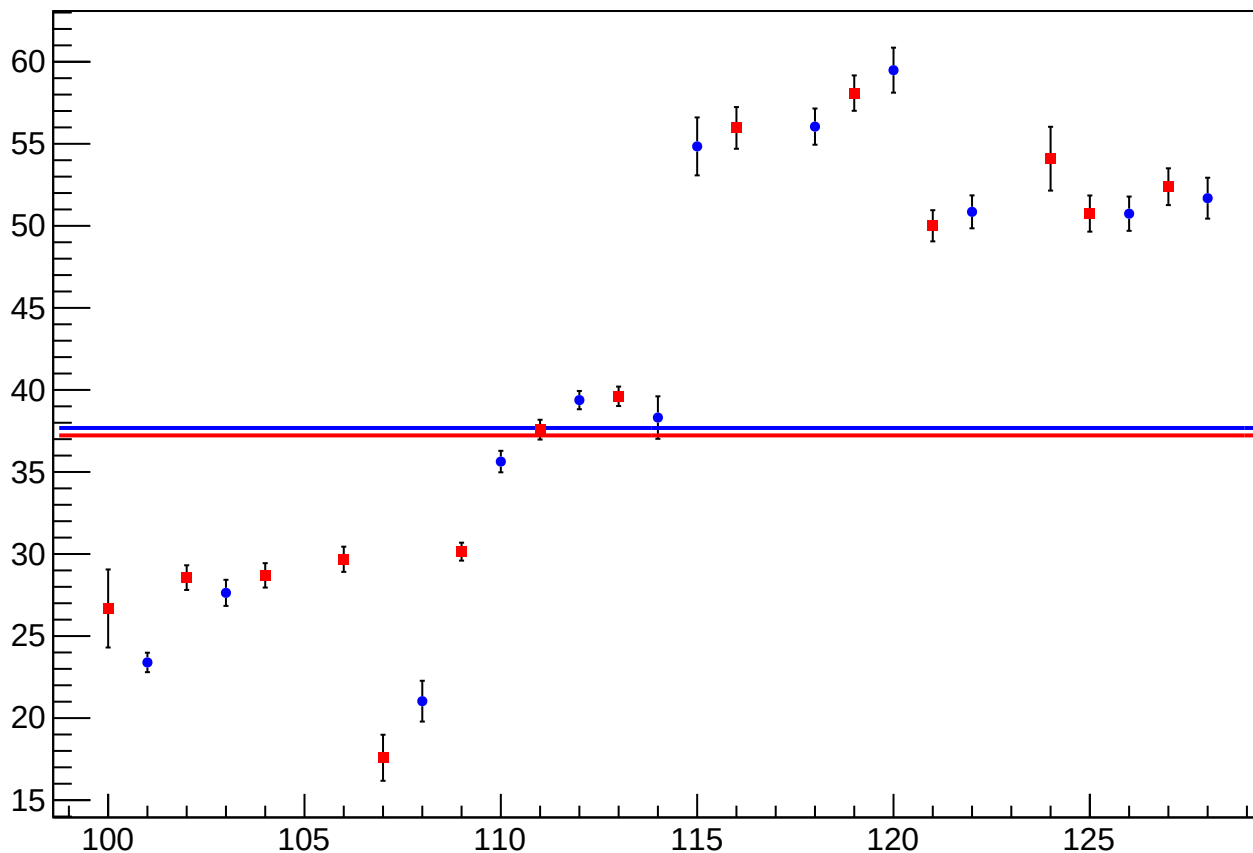
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.904 ± 0.170 χ^2/NDF : 4783.6/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



Right In: 37.681+/-0.254 χ^2 /NDF: 2018.1/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 37.227+/-0.227 χ^2 /NDF: 1942.0/13

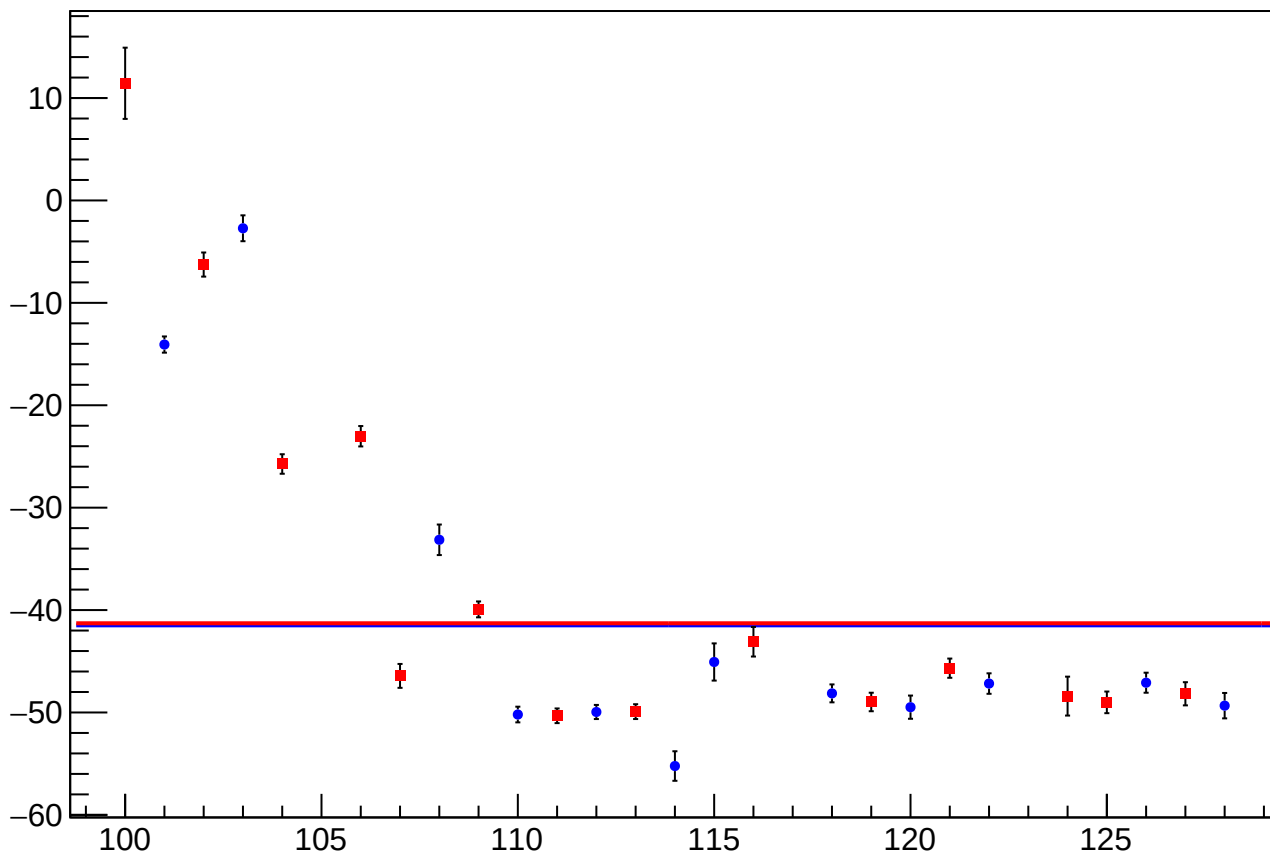
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 37.429+/-0.169 χ^2 /NDF: 3961.8/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



Right In: -41.491 ± 0.288 χ^2/NDF : 2762.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -41.289 ± 0.268 χ^2/NDF : 2242.4/13

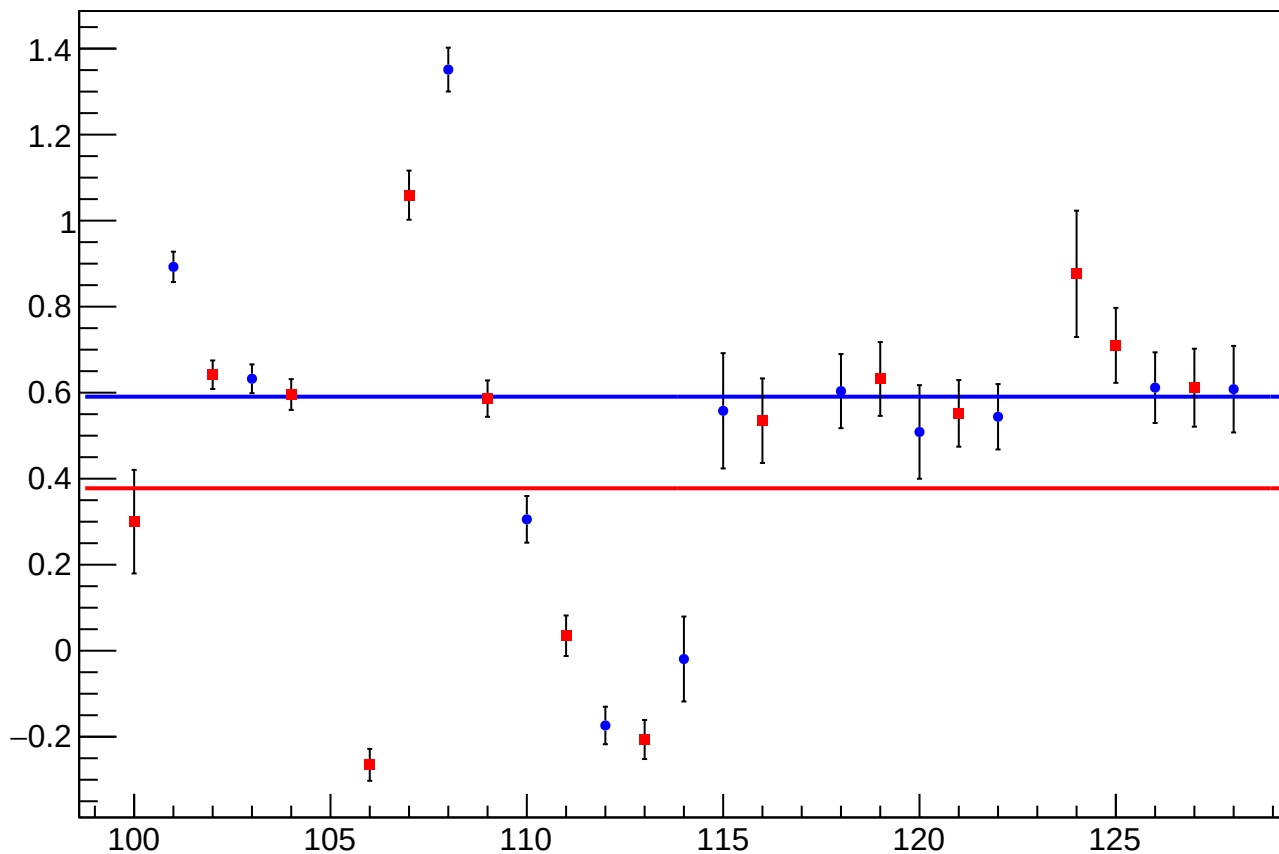
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -41.383 ± 0.196 χ^2/NDF : 5004.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.591 $\pm$ 0.016 χ^2 /NDF: 672.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.378 $\pm$ 0.014 χ^2 /NDF: 835.8/13

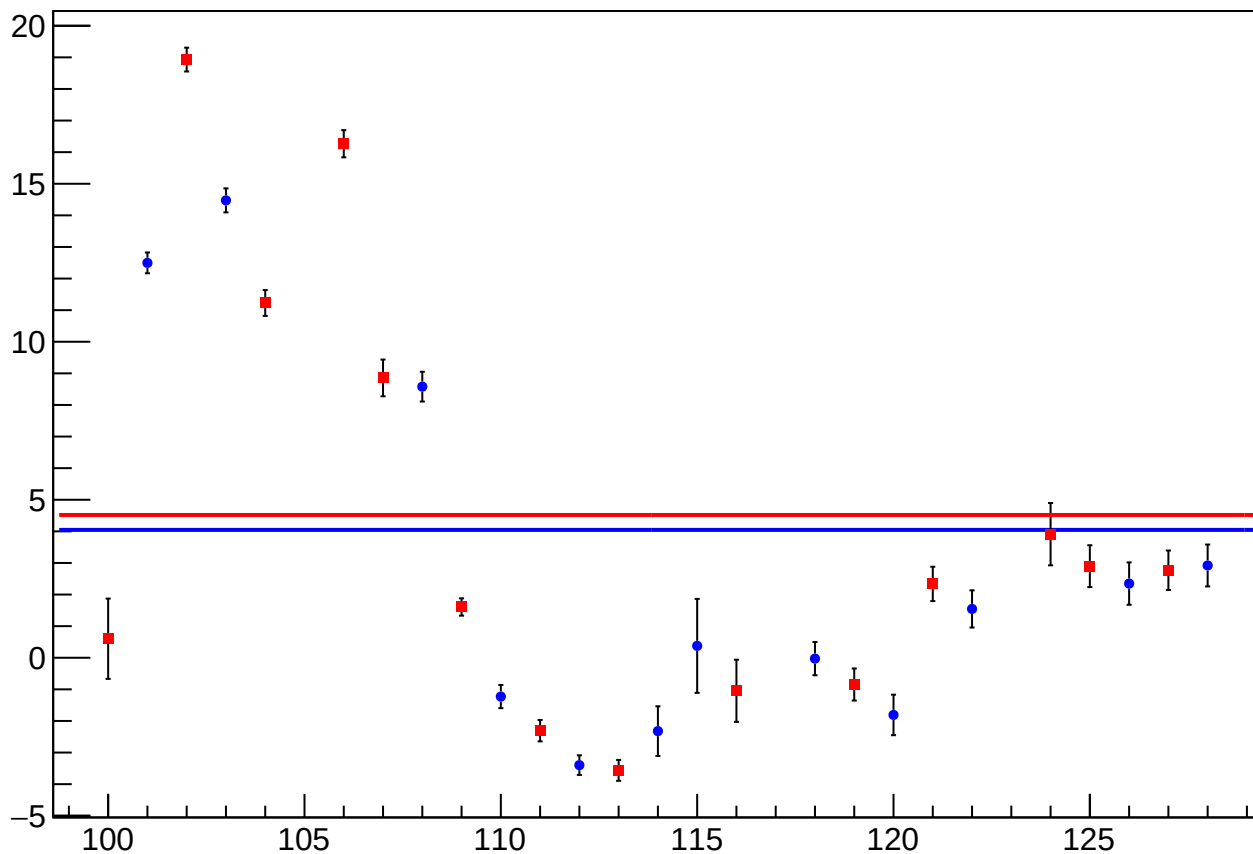
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.469 $\pm$ 0.011 χ^2 /NDF: 1605.0/25

- 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: 4.046+/-0.136 χ^2/NDF : 2531.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.519+/-0.122 χ^2/NDF : 3838.3/13

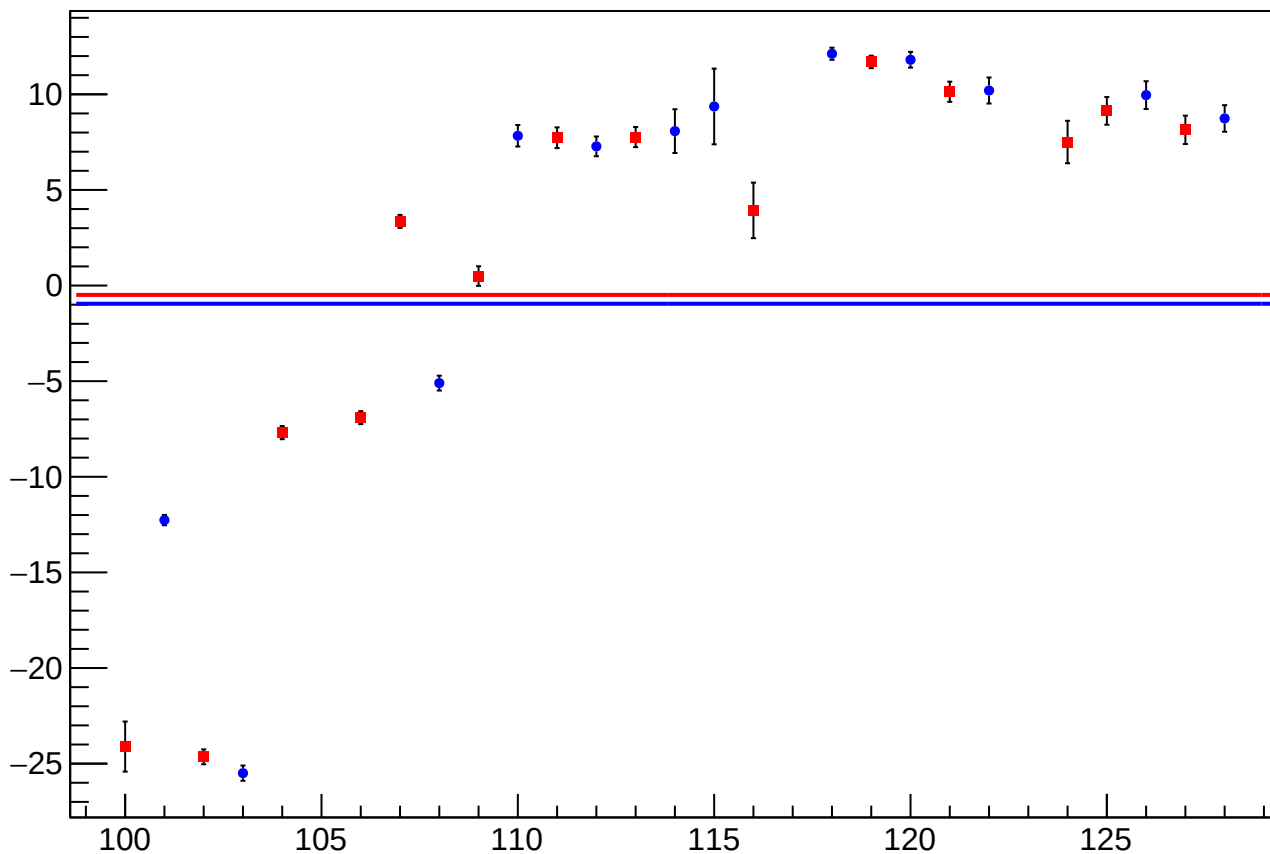
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.309+/-0.091 χ^2/NDF : 6376.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: -0.951 ± 0.133 χ^2/NDF : 9596.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.489 ± 0.127 χ^2/NDF : 7745.8/13

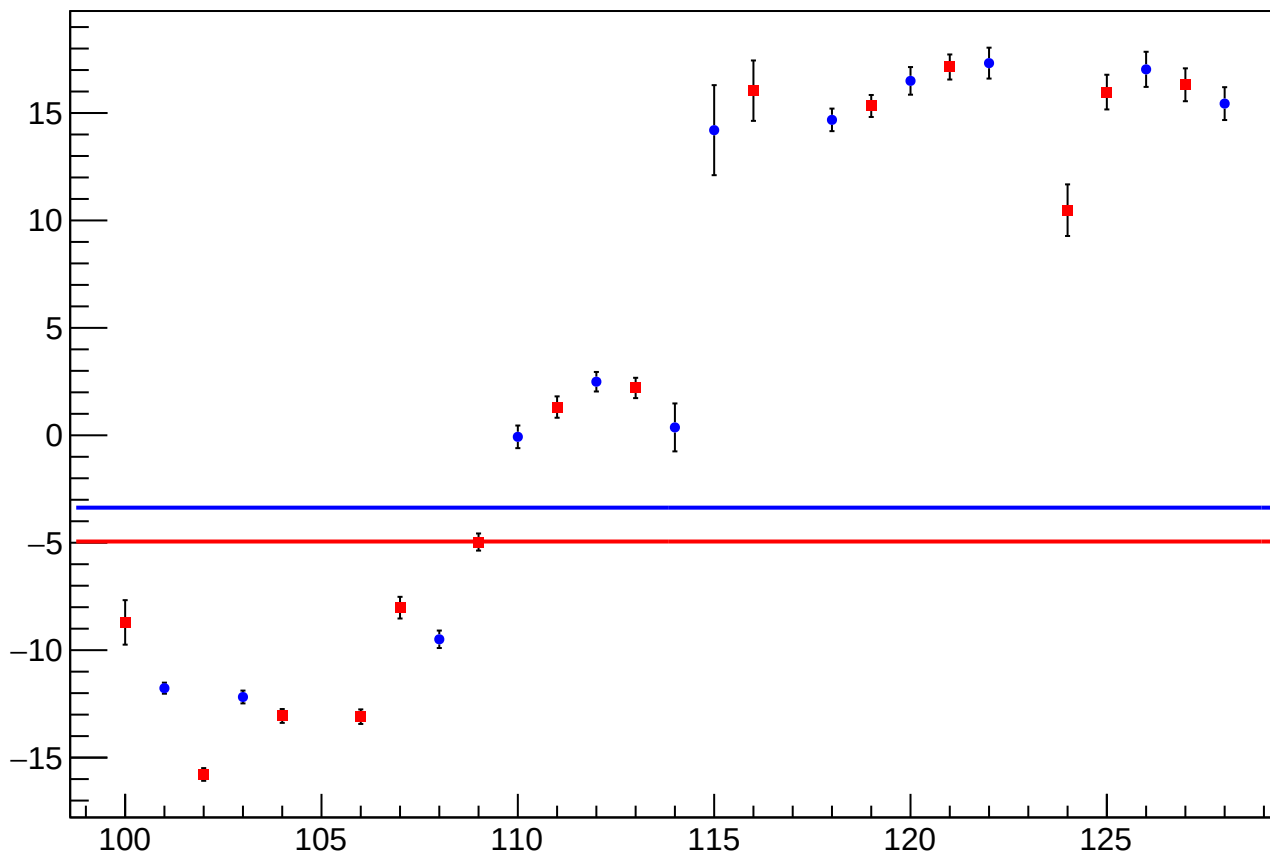
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.710 ± 0.092 χ^2/NDF : 17348.6/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: -3.367+/-0.137 χ^2 /NDF: 6650.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -4.943+/-0.128 χ^2 /NDF: 7832.2/13

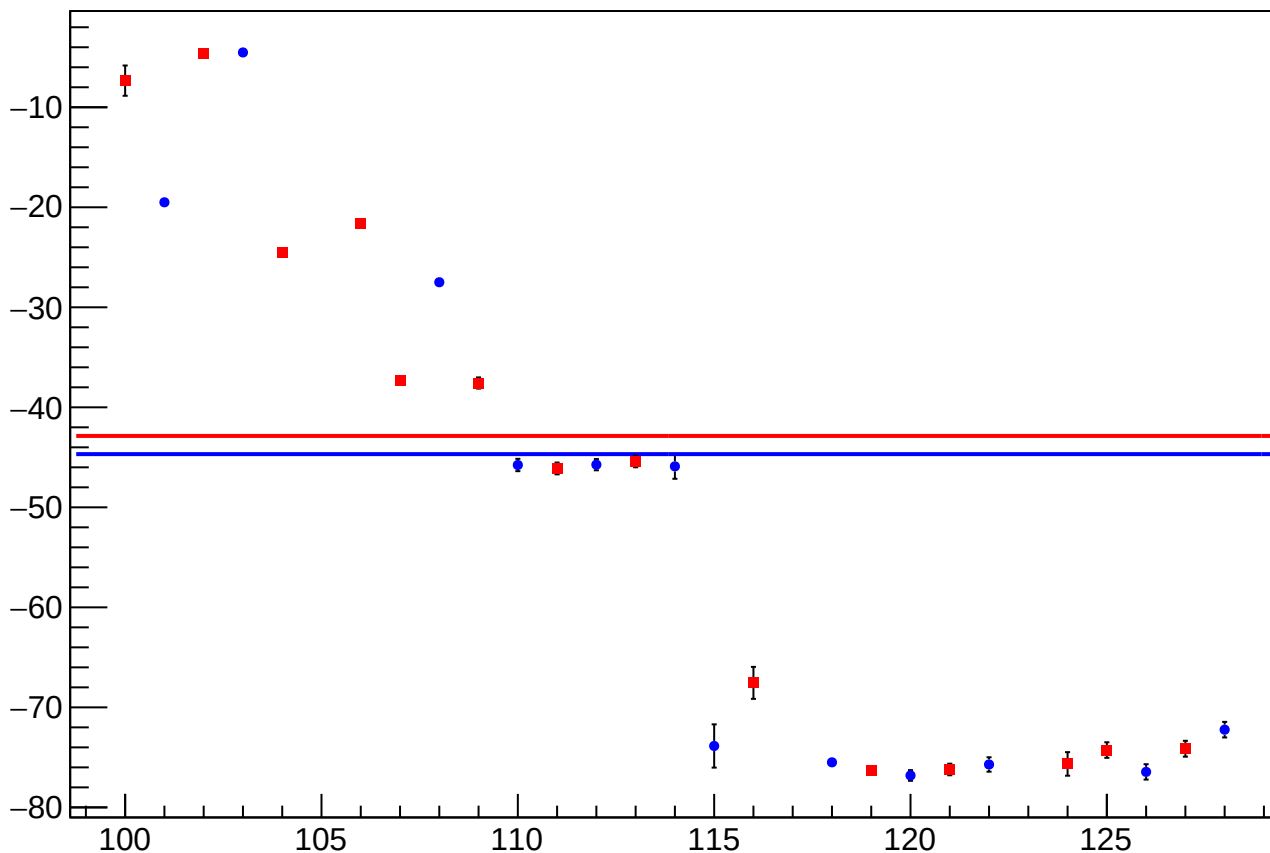
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -4.207+/-0.094 χ^2 /NDF: 14552.6/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



Right In: -44.681 ± 0.161 χ^2/NDF : 27913.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -42.861 ± 0.153 χ^2/NDF : 25416.2/13

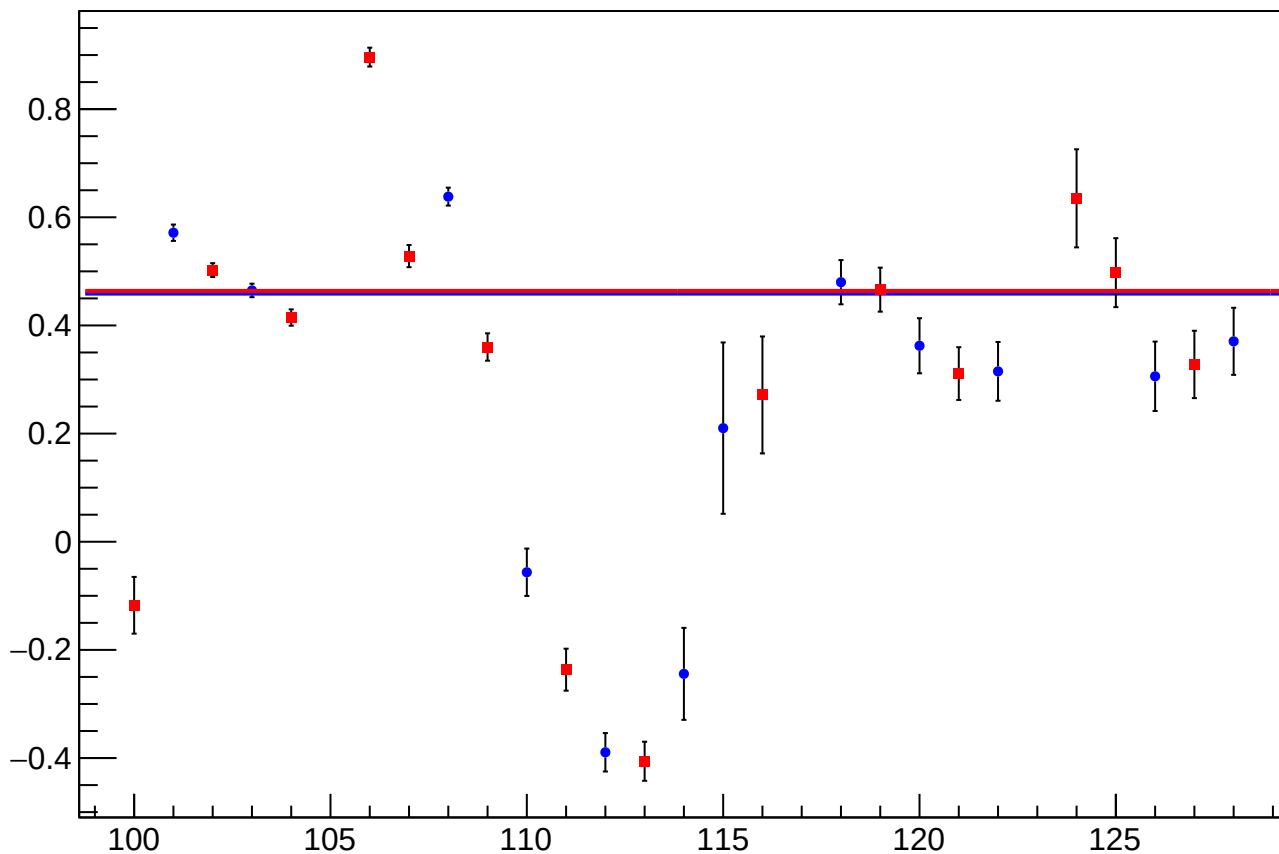
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -43.720 ± 0.111 χ^2/NDF : 53397.1/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.459+/-0.008 χ^2/NDF : 970.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.464+/-0.007 χ^2/NDF : 1708.0/13

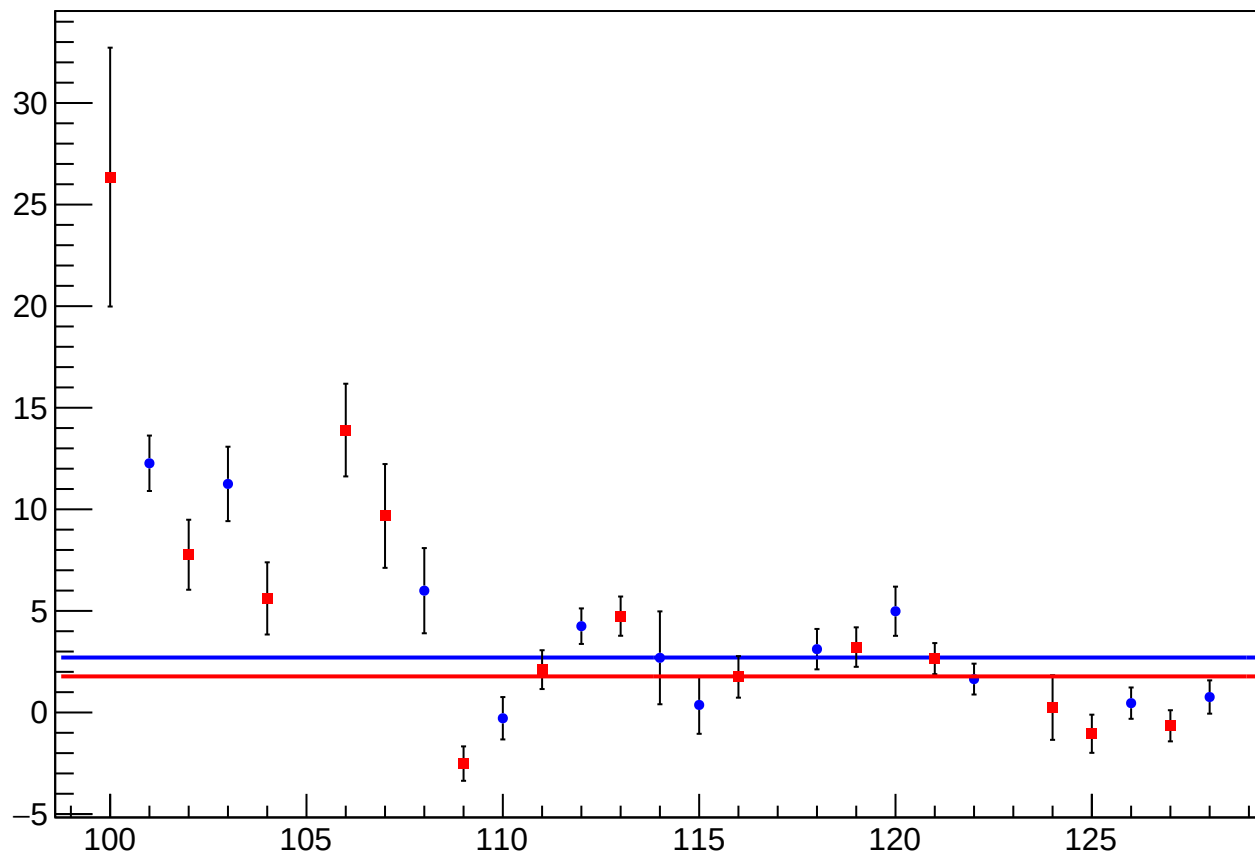
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.462+/-0.005 χ^2/NDF : 2678.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 2.706+/-0.308 χ^2/NDF : 107.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.776+/-0.294 χ^2/NDF : 128.2/13

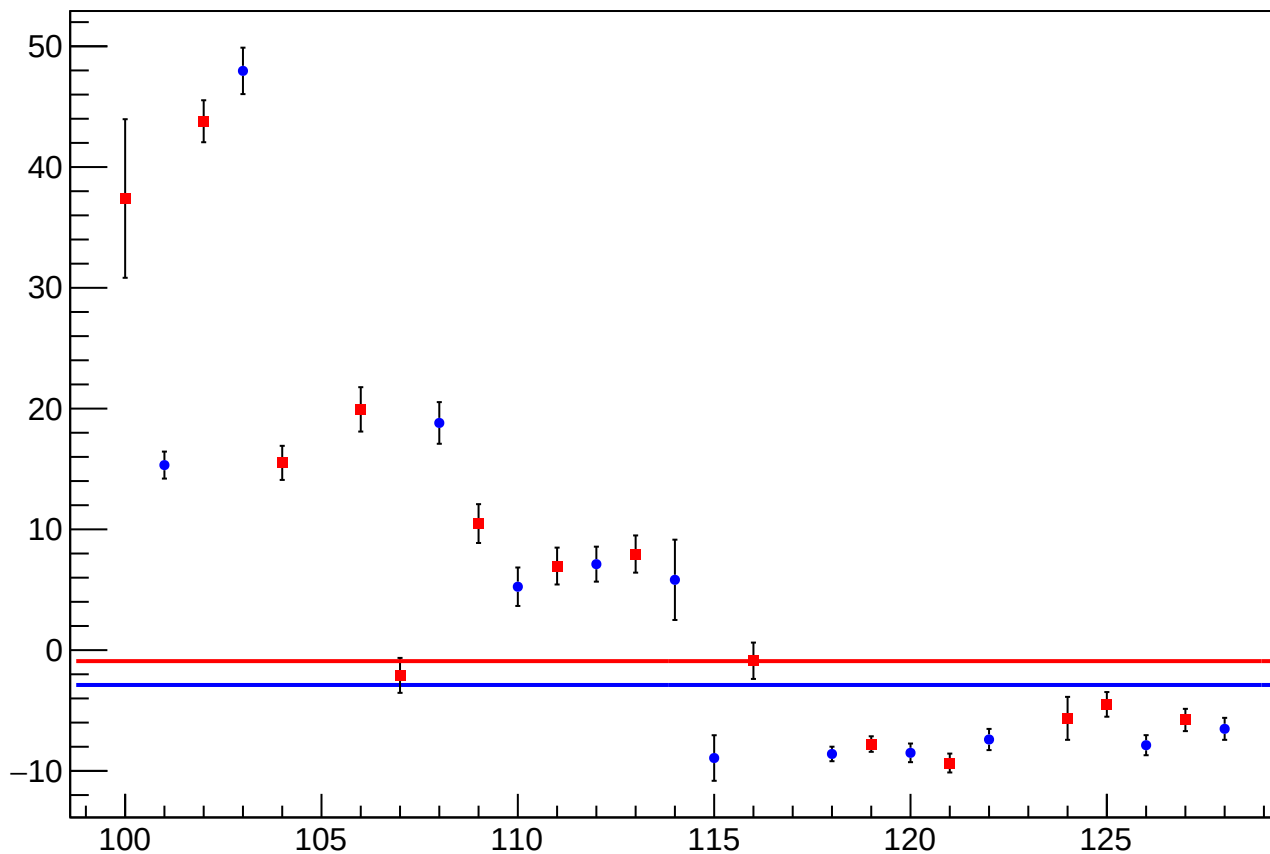
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.220+/-0.213 χ^2/NDF : 240.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: -2.884 ± 0.301 χ^2/NDF : 1436.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.910 ± 0.319 χ^2/NDF : 1347.9/13

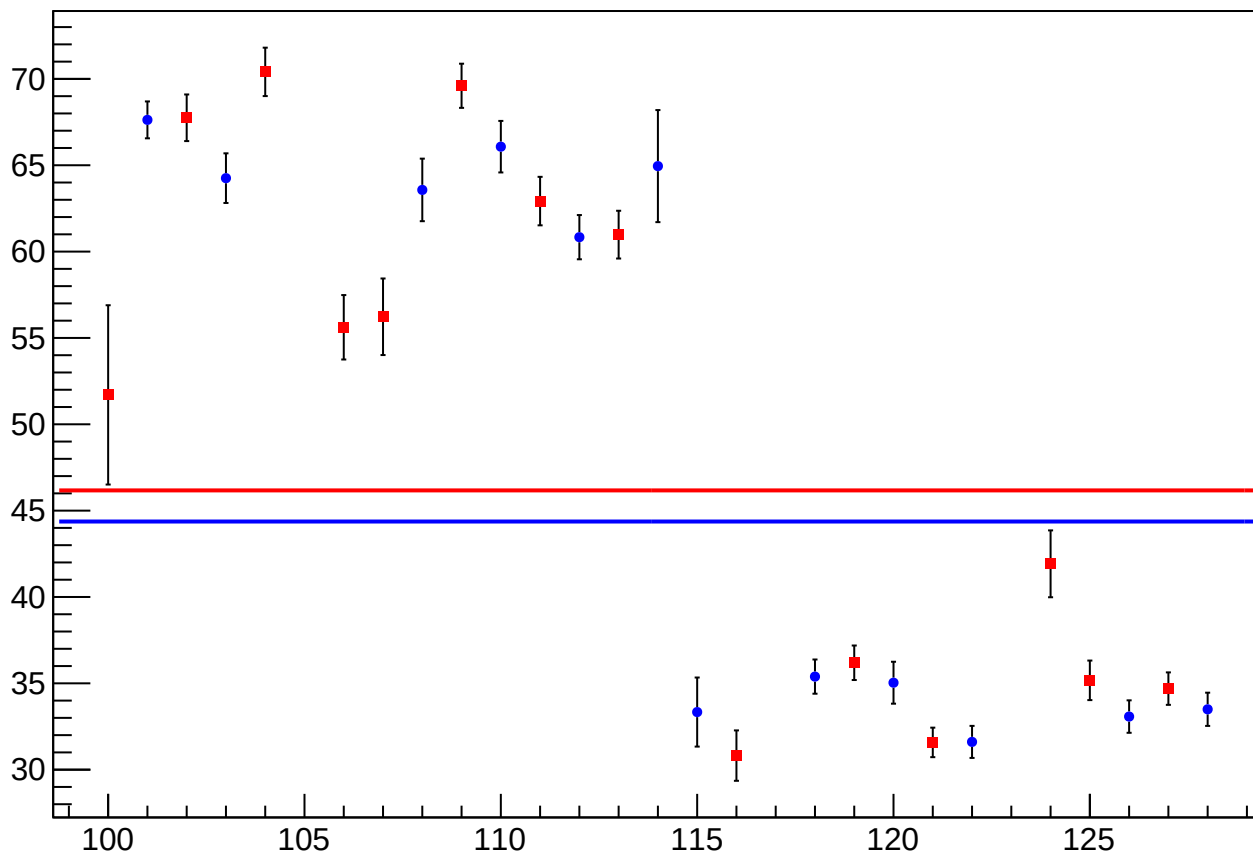
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.956 ± 0.219 χ^2/NDF : 2804.3/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



Right In: 44.370+/-0.350 χ^2/NDF : 1828.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.172+/-0.349 χ^2/NDF : 1943.4/13

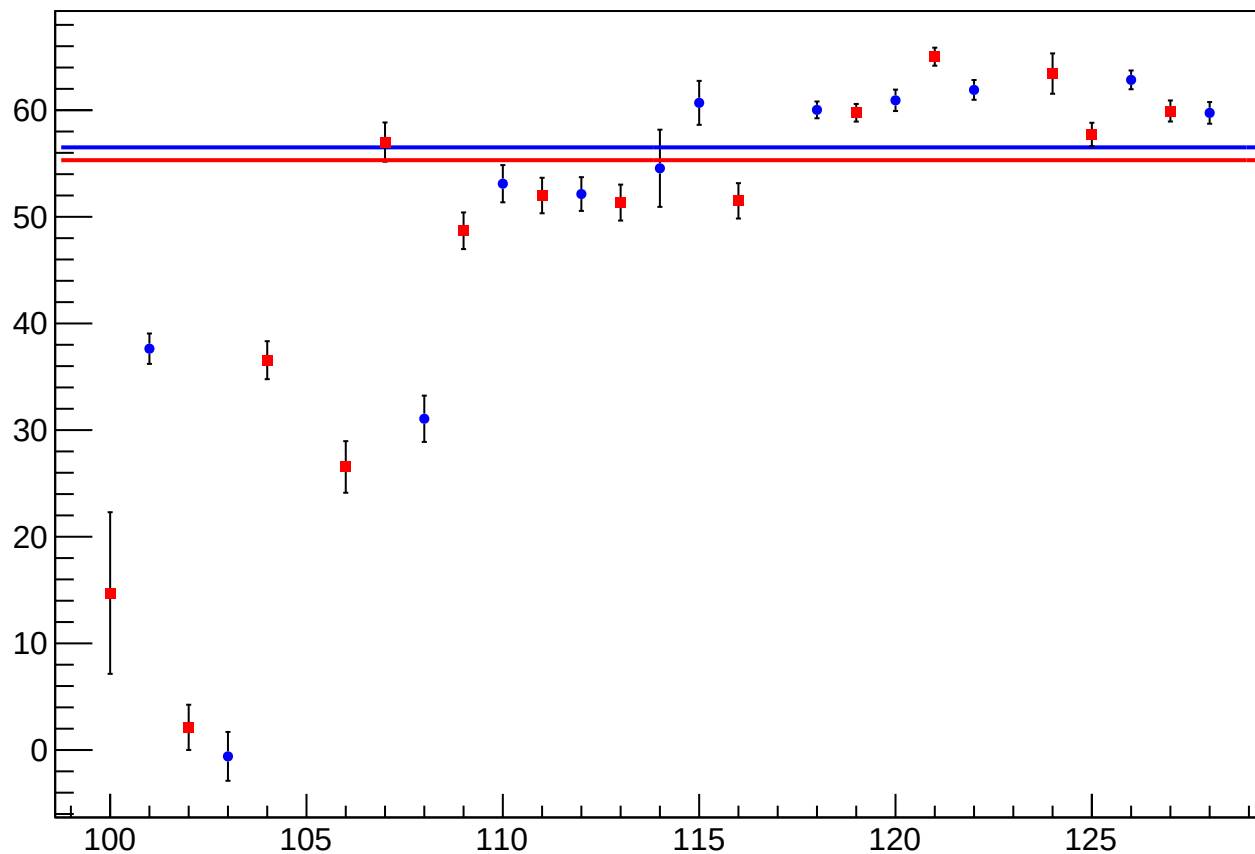
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.276+/-0.247 χ^2/NDF : 3784.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



Right In: 56.514+/-0.354 χ^2 /NDF: 1084.9/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 55.313+/-0.367 χ^2 /NDF: 1147.0/13

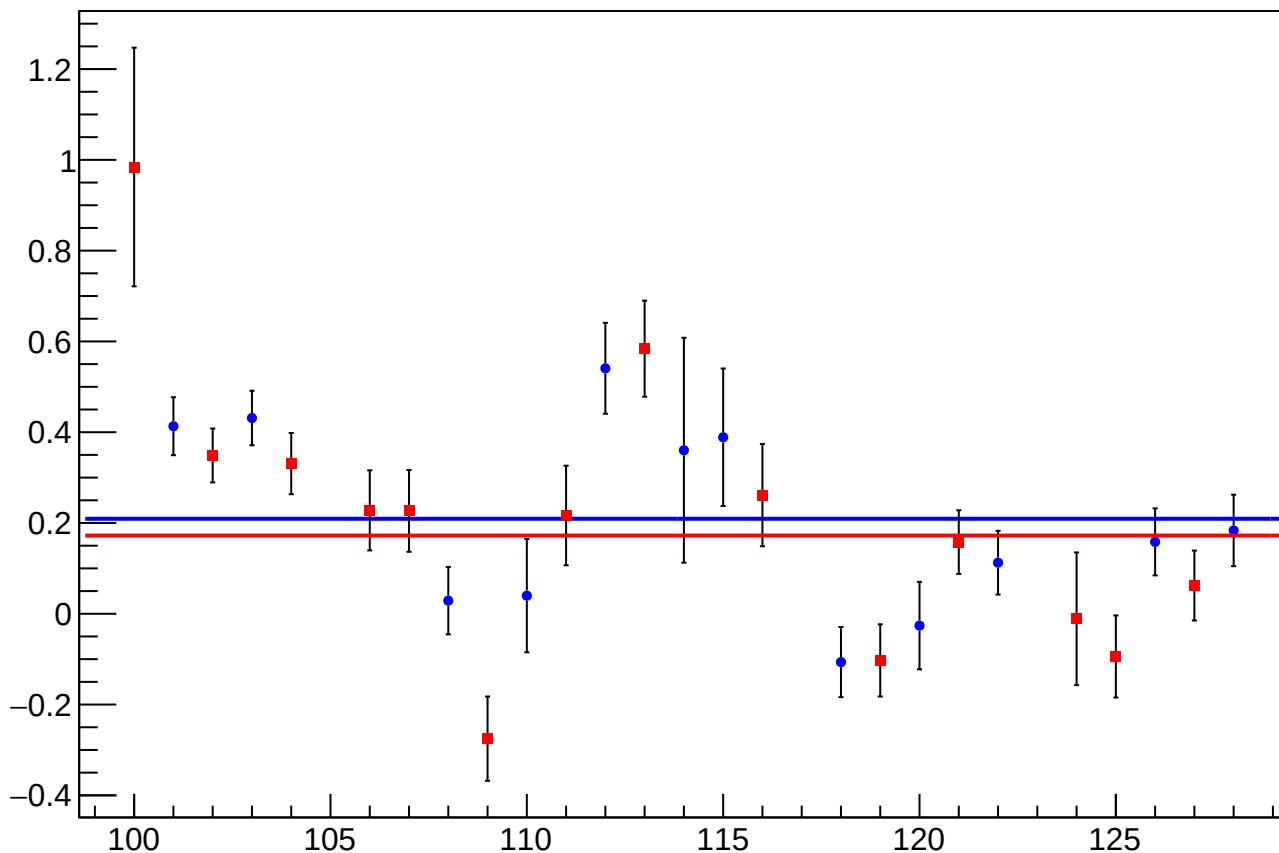
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 55.934+/-0.255 χ^2 /NDF: 2237.4/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.209 $\pm$ 0.024 χ^2 /NDF: 69.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.172 $\pm$ 0.023 χ^2 /NDF: 88.1/13

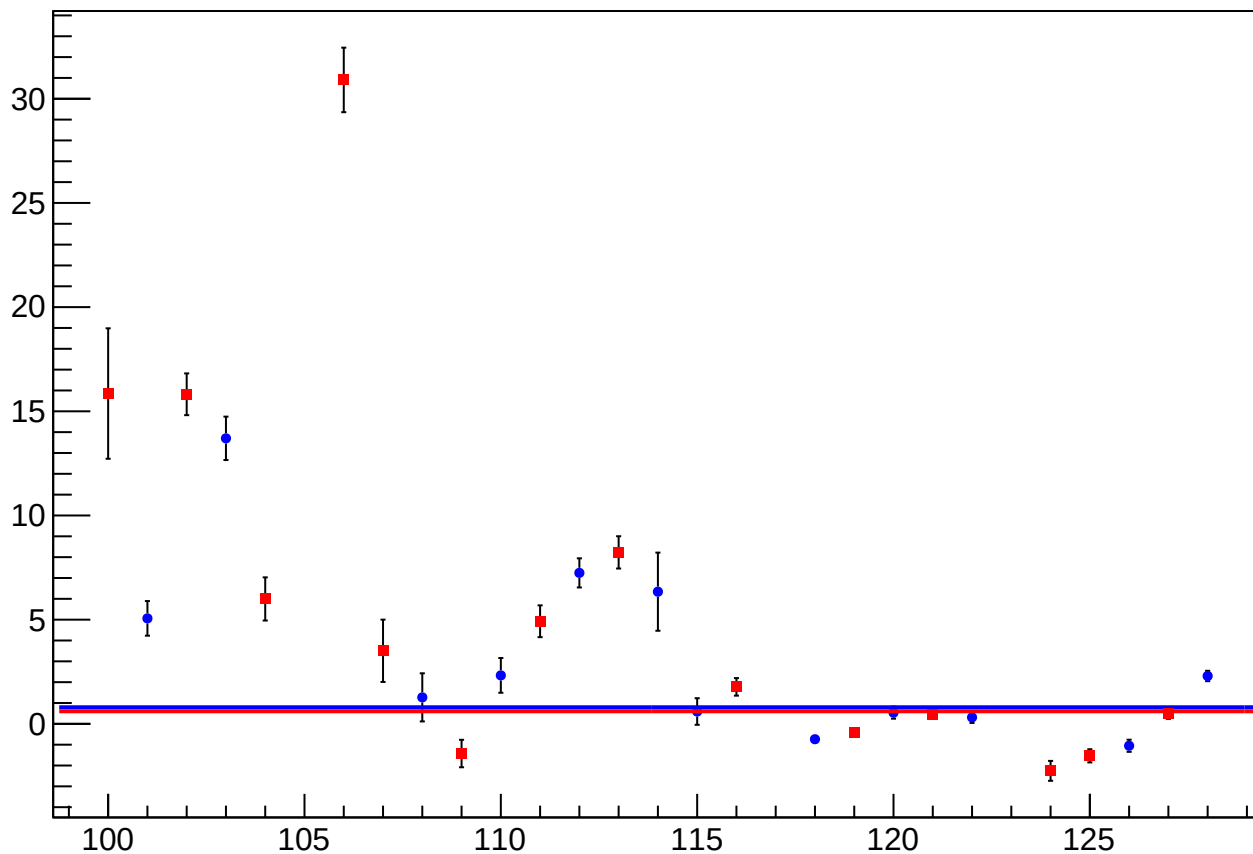
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.190 $\pm$ 0.017 χ^2 /NDF: 158.8/25

- 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: 0.796+/-0.111 χ^2/NDF : 399.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.604+/-0.110 χ^2/NDF : 916.0/13

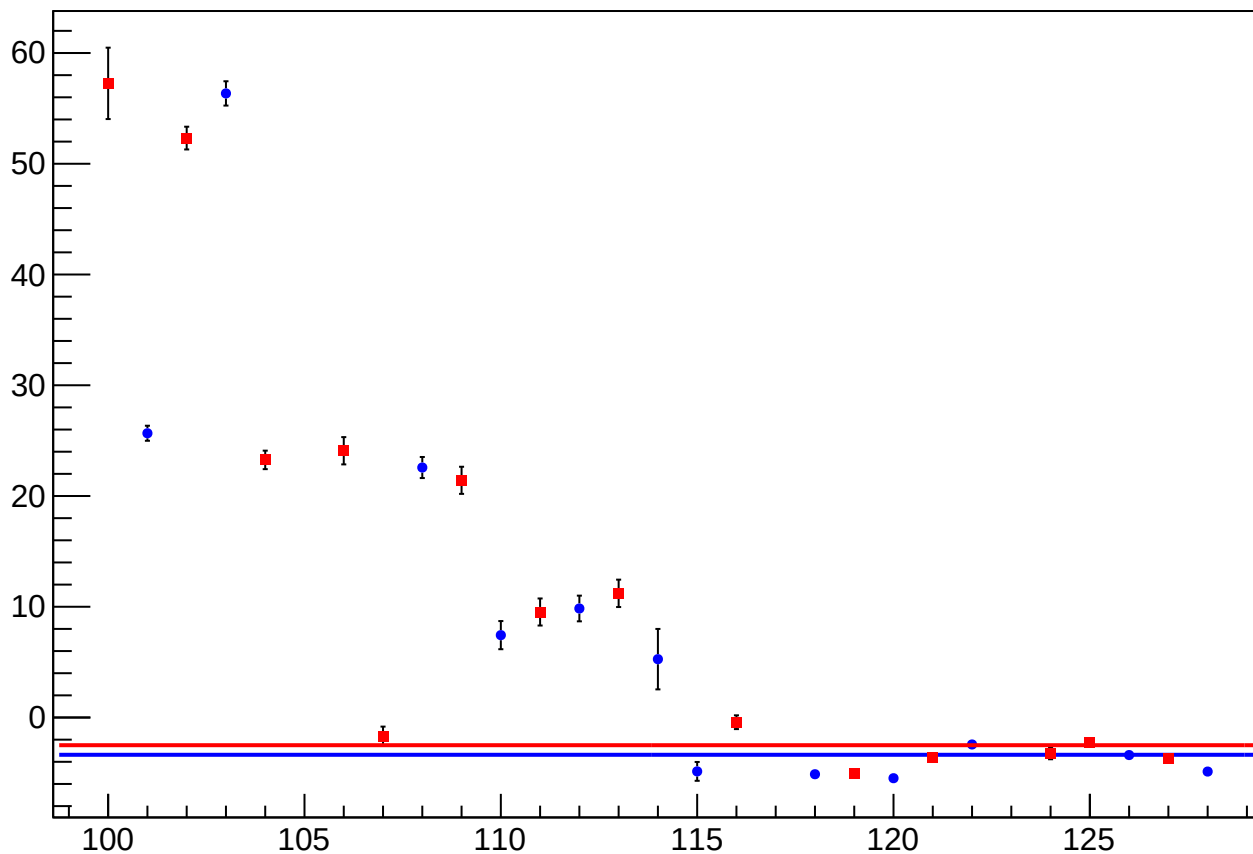
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.699+/-0.078 χ^2/NDF : 1317.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: -3.366 ± 0.092 χ^2/NDF : 6063.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.501 ± 0.101 χ^2/NDF : 5558.5/13

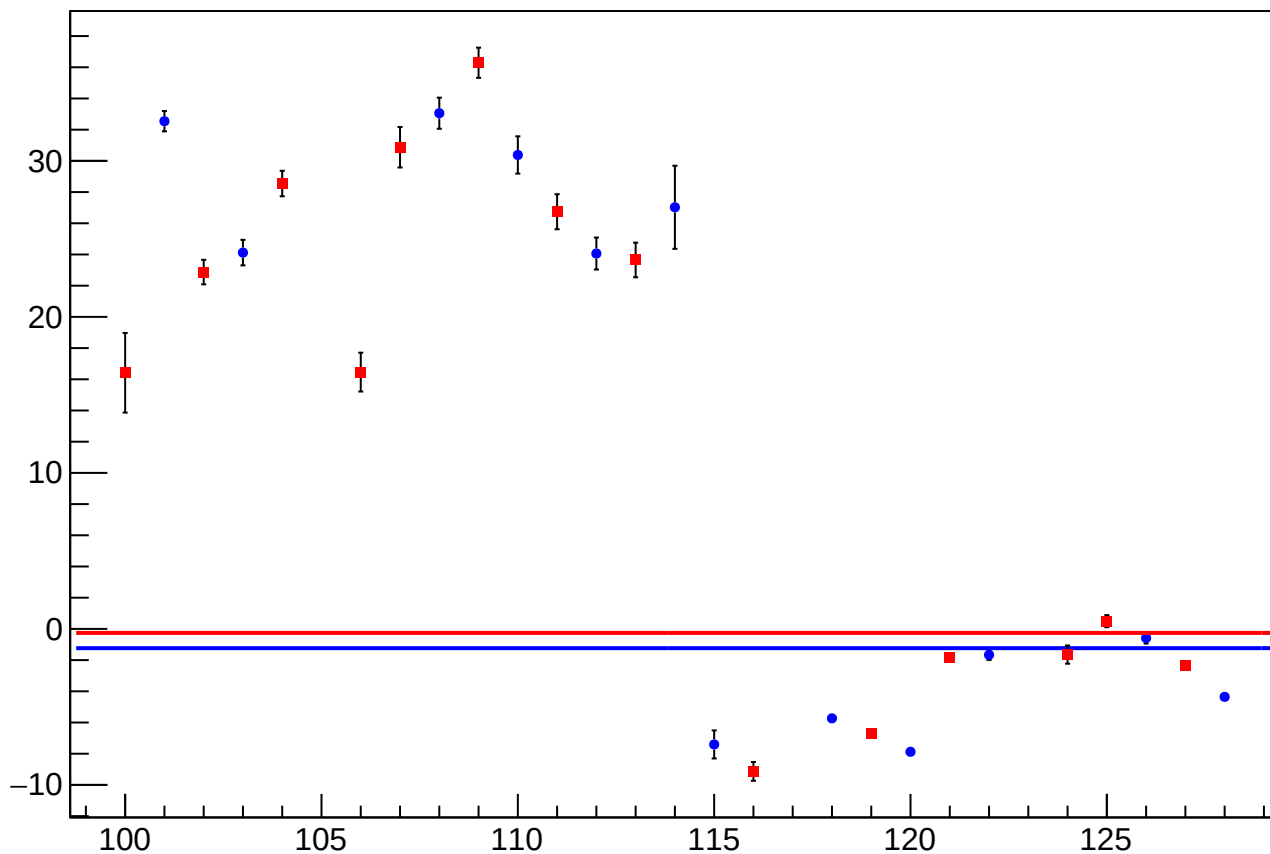
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.975 ± 0.068 χ^2/NDF : 11661.5/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: -1.234 ± 0.122 χ^2/NDF : 7318.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.257 ± 0.124 χ^2/NDF : 6475.3/13

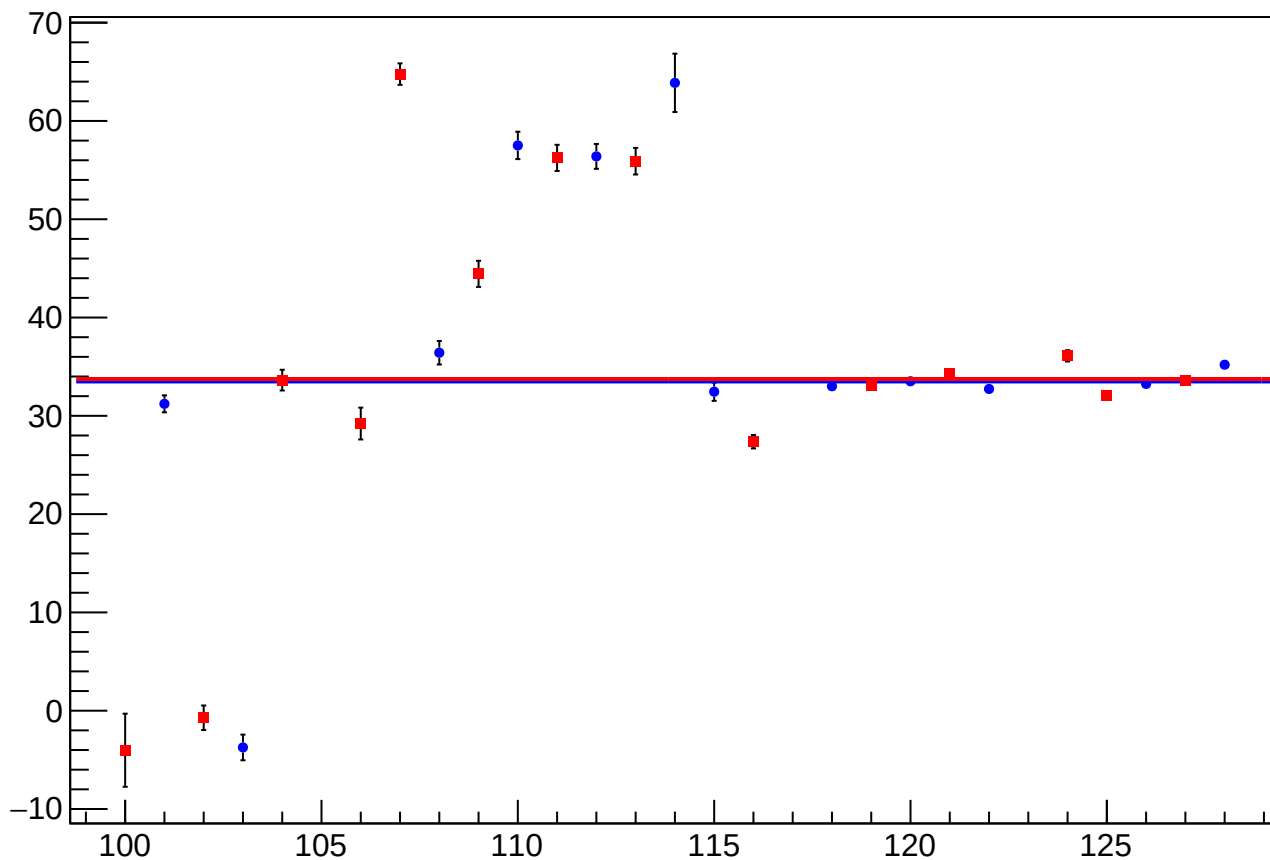
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.752 ± 0.087 χ^2/NDF : 13825.4/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



Right In: 33.498+/-0.112 χ^2/NDF : 1596.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.749+/-0.119 χ^2/NDF : 2441.0/13

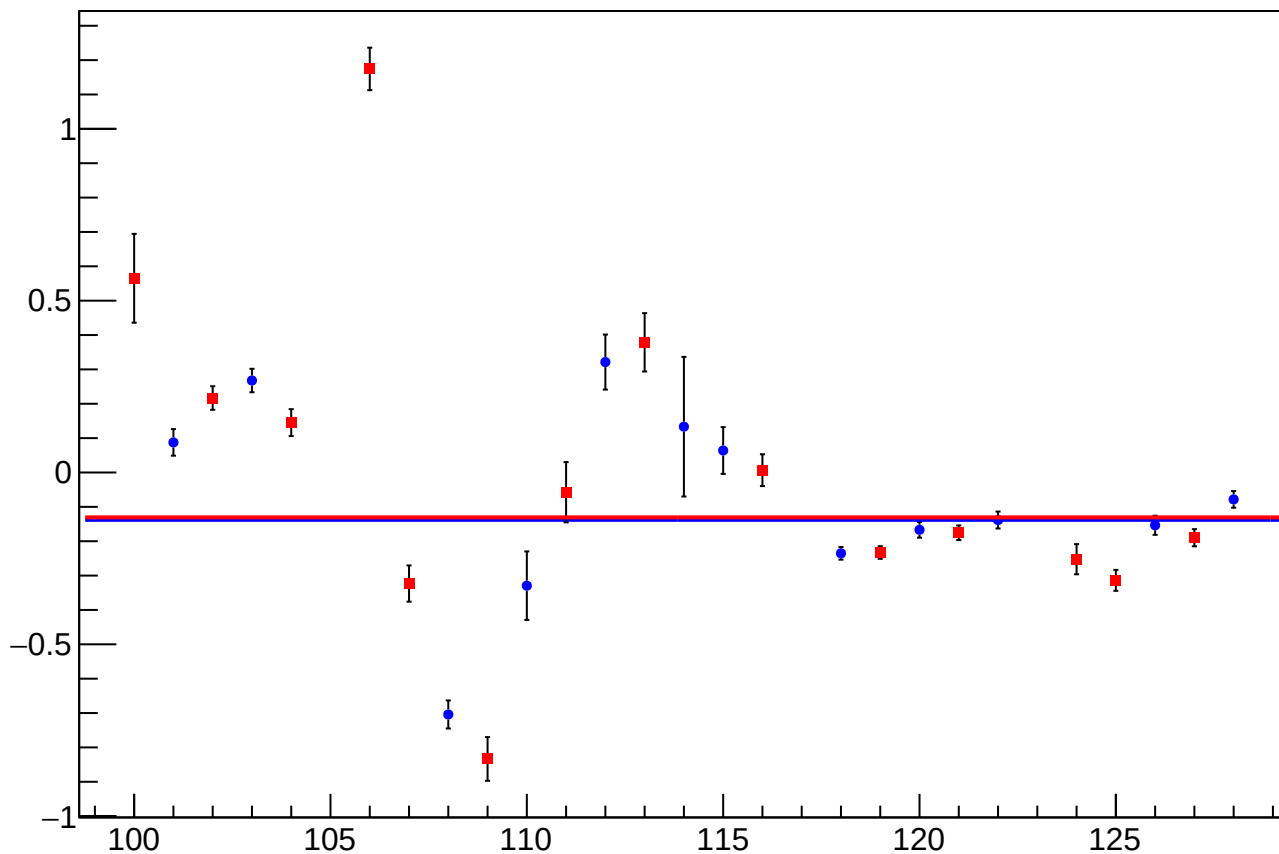
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.616+/-0.082 χ^2/NDF : 4039.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.138+/-0.009 χ^2/NDF : 451.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.131+/-0.009 χ^2/NDF : 892.3/13

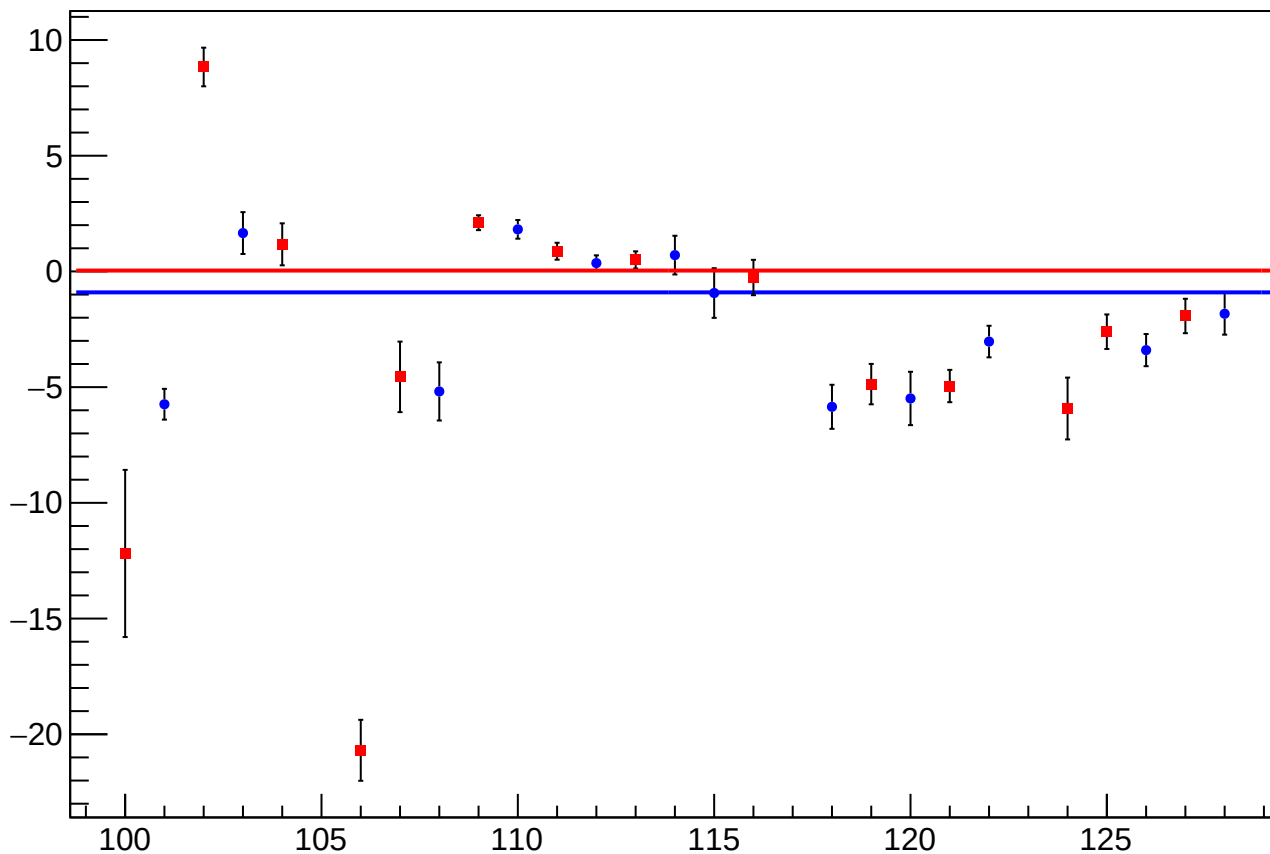
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.134+/-0.006 χ^2/NDF : 1343.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: -0.905 ± 0.186 χ^2/NDF : 202.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.037 ± 0.163 χ^2/NDF : 551.2/13

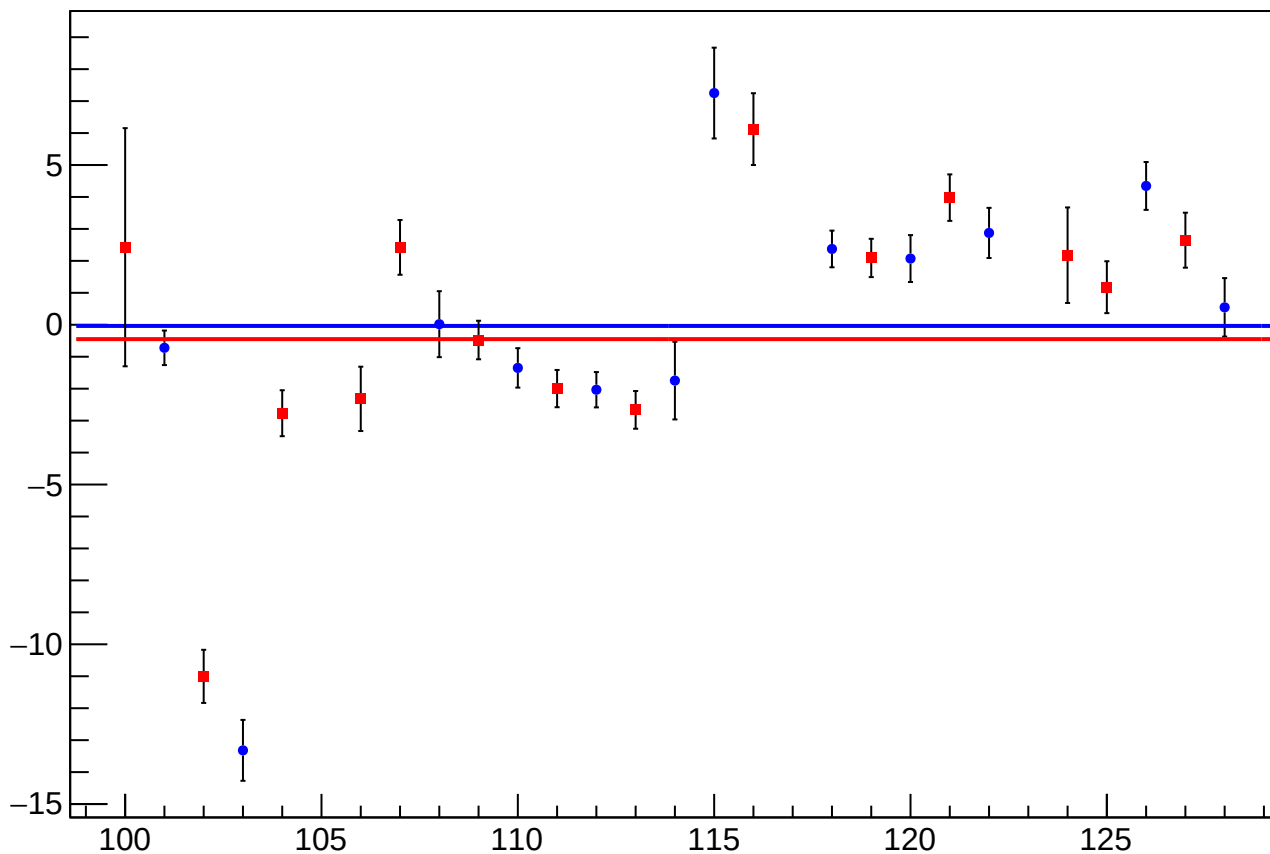
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.372 ± 0.123 χ^2/NDF : 768.1/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: -0.036+/-0.213 χ^2 /NDF: 316.1/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.449+/-0.208 χ^2 /NDF: 317.2/13

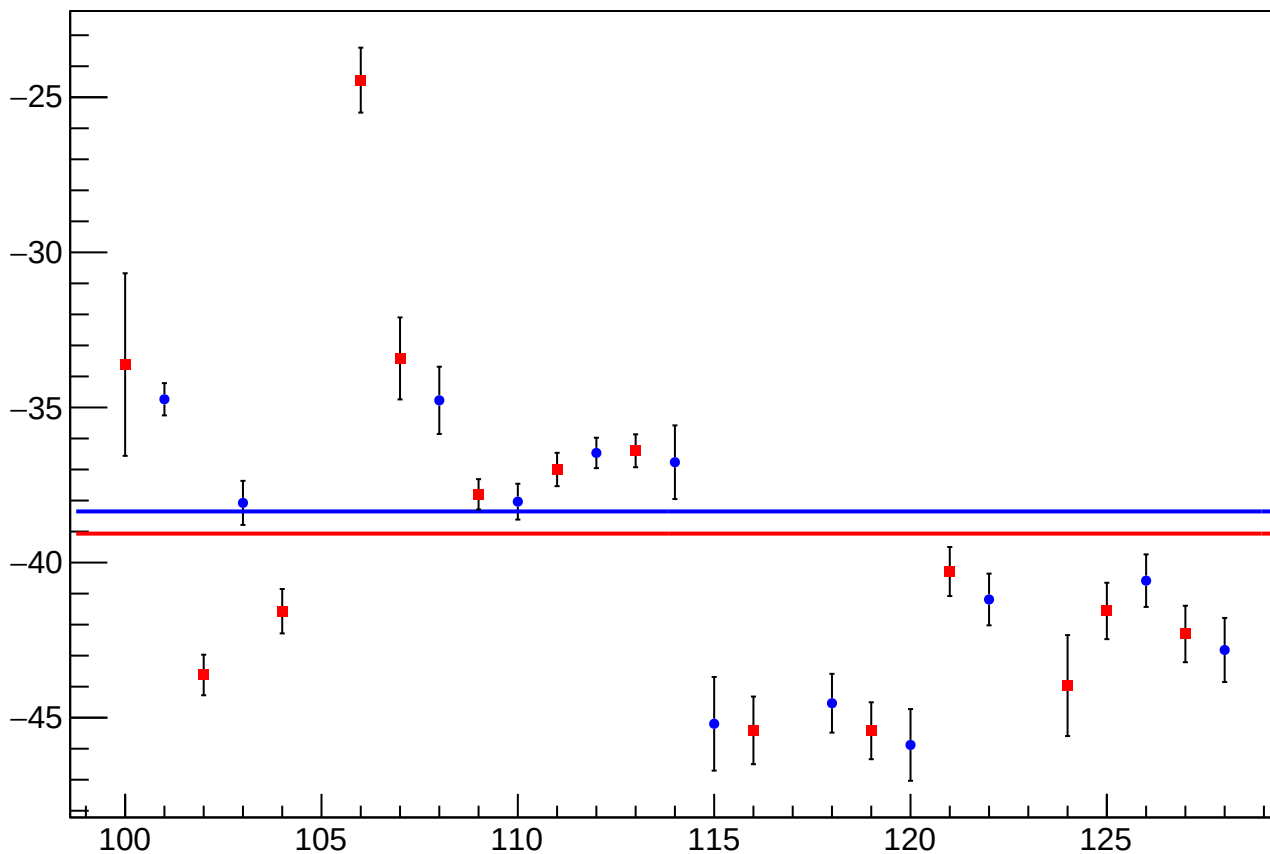
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.248+/-0.149 χ^2 /NDF: 635.3/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -38.352 ± 0.221 χ^2/NDF : 219.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -39.067 ± 0.206 χ^2/NDF : 437.9/13

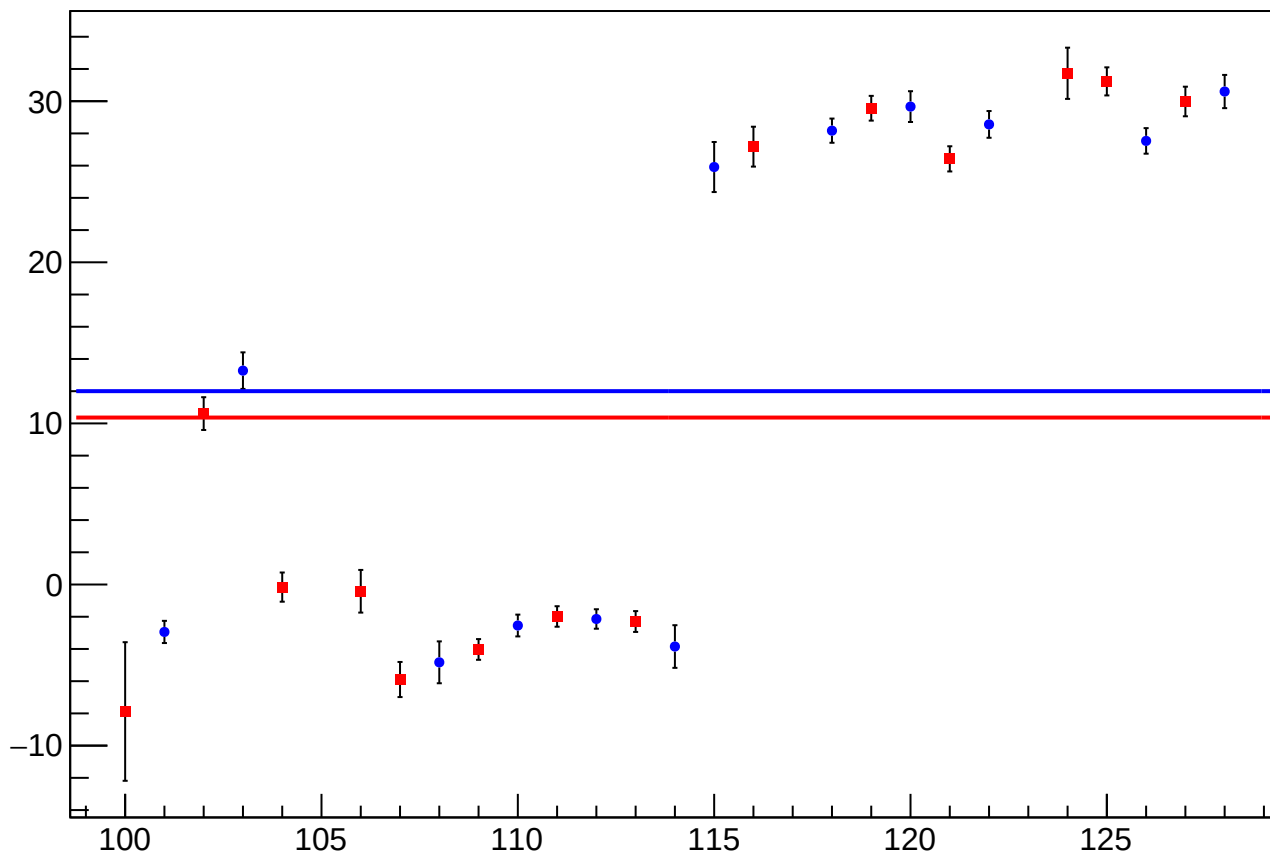
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -38.734 ± 0.151 χ^2/NDF : 662.6/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 12.002 $\pm$ 0.248 χ^2 /NDF: 3784.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.364 $\pm$ 0.237 χ^2 /NDF: 4143.5/13

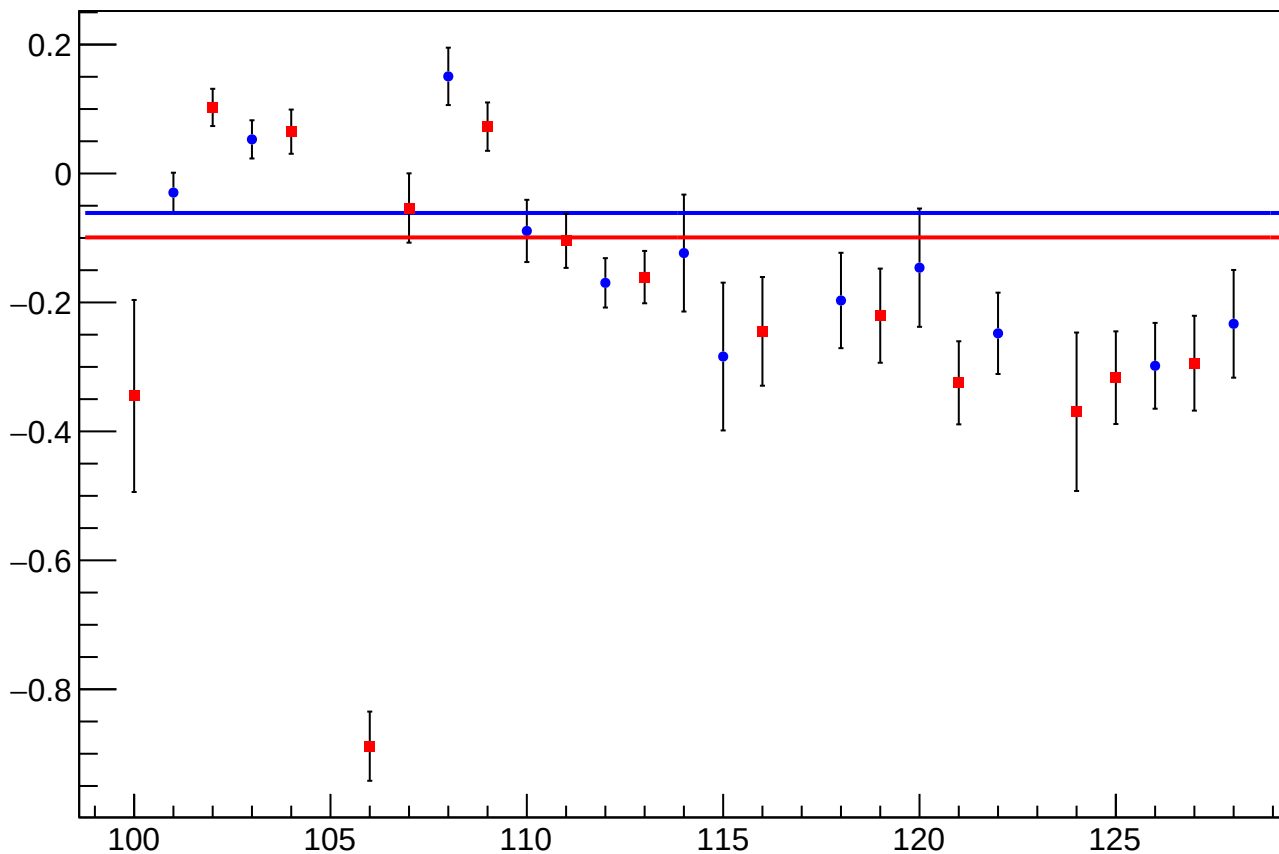
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.145 $\pm$ 0.171 χ^2 /NDF: 7951.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.061 $\pm$ 0.014 χ^2 /NDF: 81.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.099 $\pm$ 0.013 χ^2 /NDF: 353.5/13

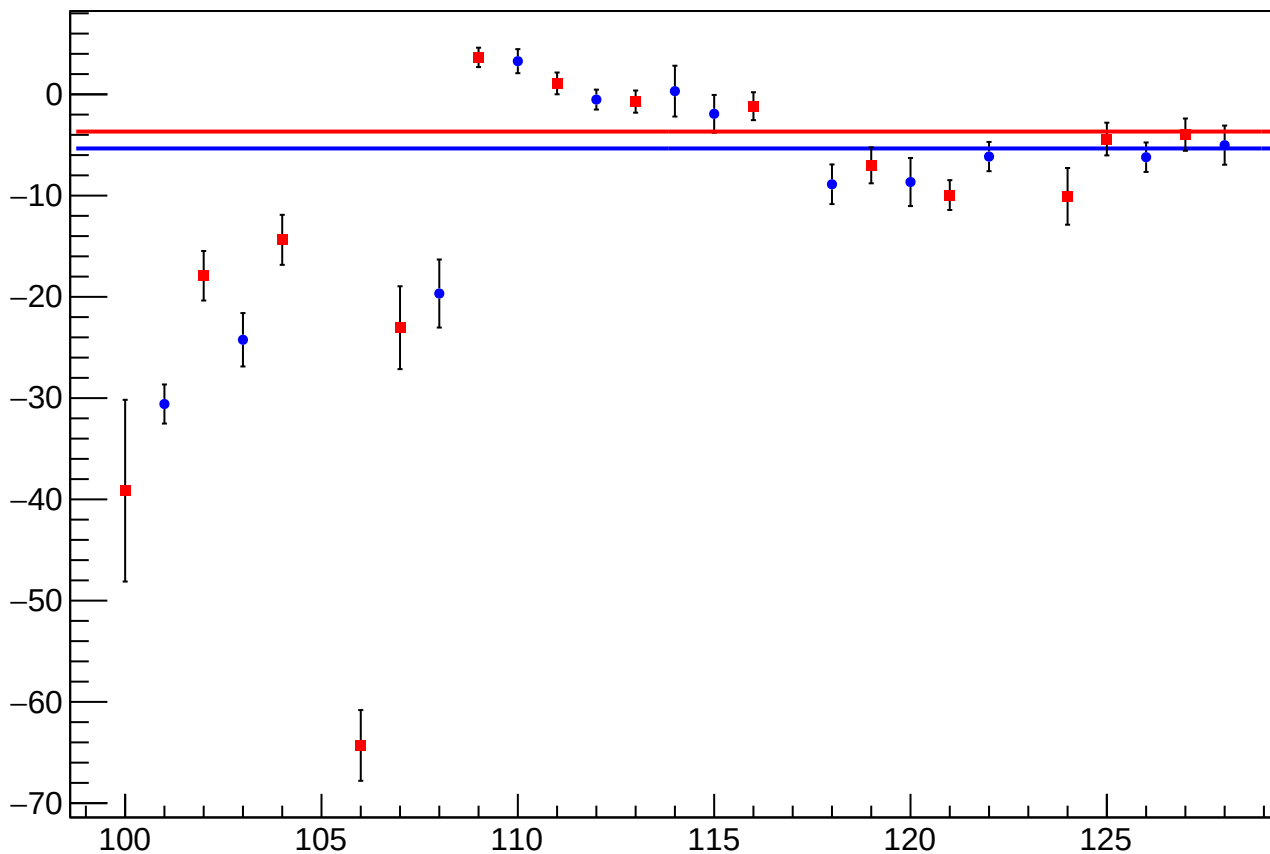
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.082 $\pm$ 0.010 χ^2 /NDF: 438.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



Right In: -5.345+/-0.480 χ^2/NDF : 331.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.676+/-0.427 χ^2/NDF : 507.6/13

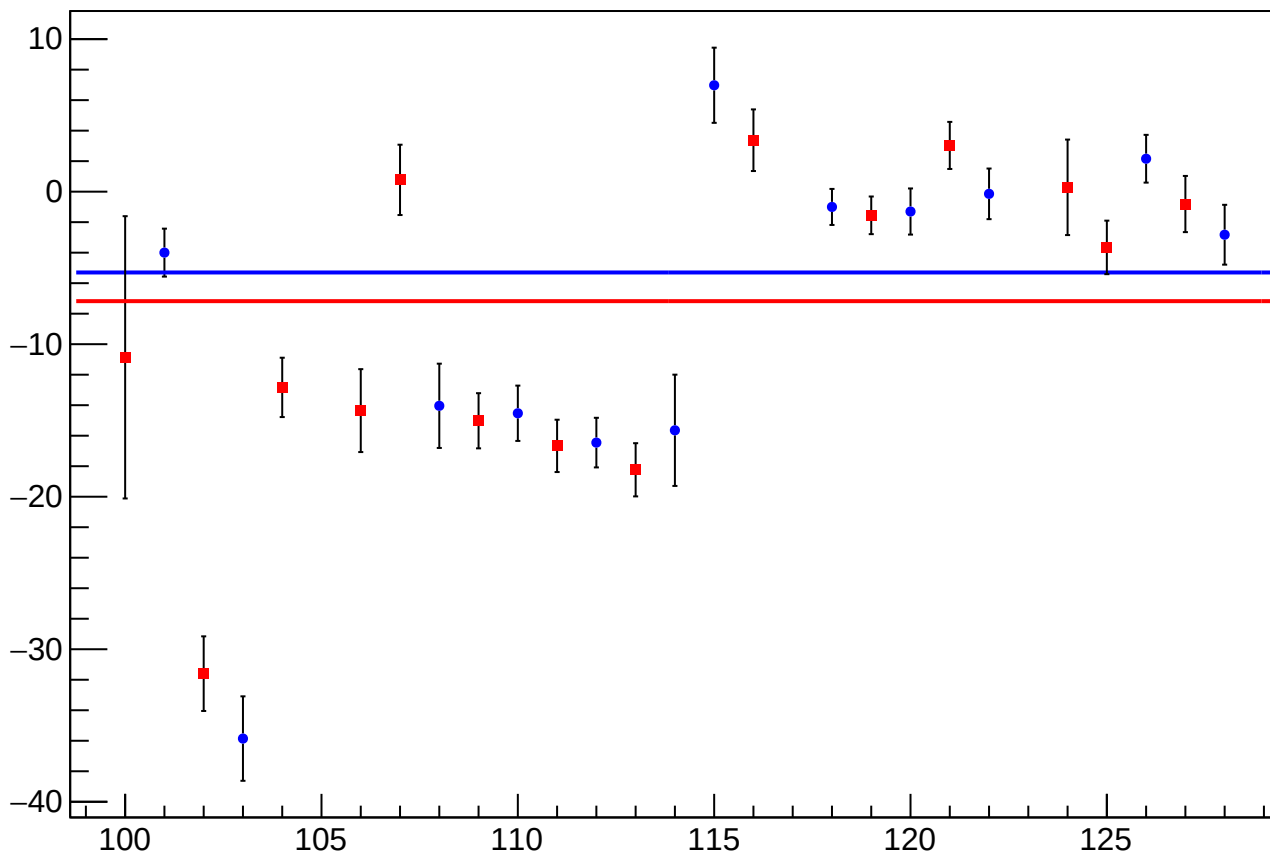
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.414+/-0.319 χ^2/NDF : 846.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -5.298+/-0.515 χ^2/NDF : 292.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.178+/-0.514 χ^2/NDF : 330.2/13

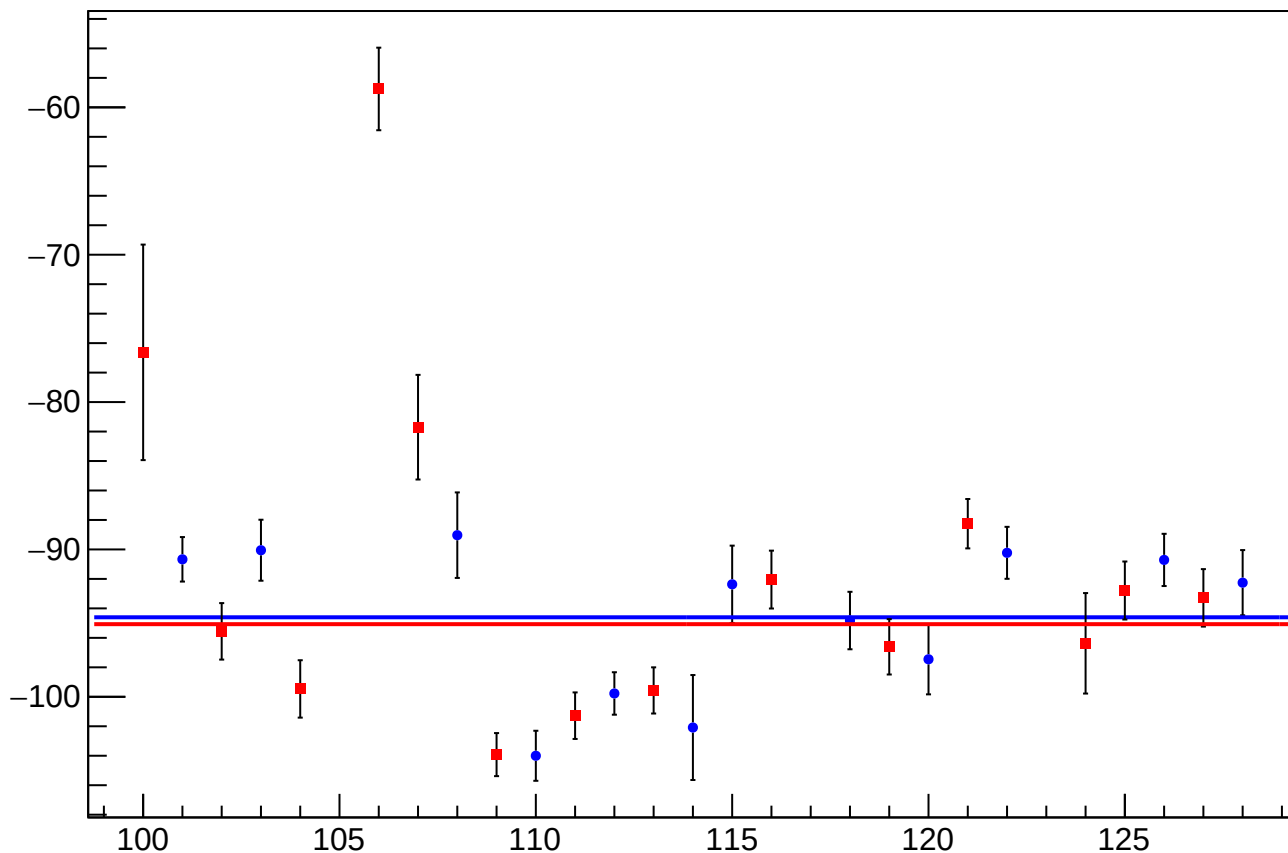
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.240+/-0.364 χ^2/NDF : 629.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -94.604 $\pm$ 0.565 χ^2 /NDF: 77.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -95.071 $\pm$ 0.531 χ^2 /NDF: 276.1/13

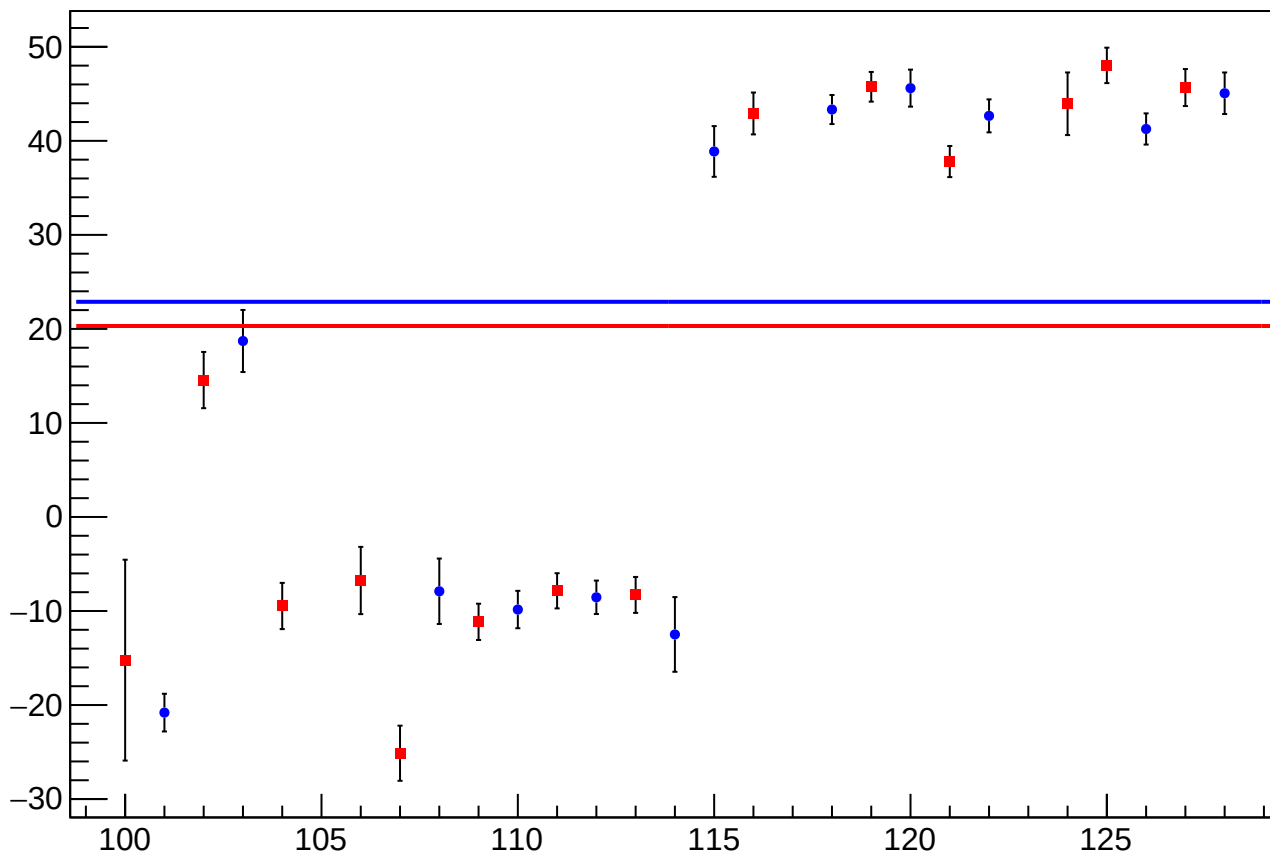
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -94.852 $\pm$ 0.387 χ^2 /NDF: 354.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 22.883+/-0.602 χ^2/NDF : 1911.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.311+/-0.587 χ^2/NDF : 2082.9/13

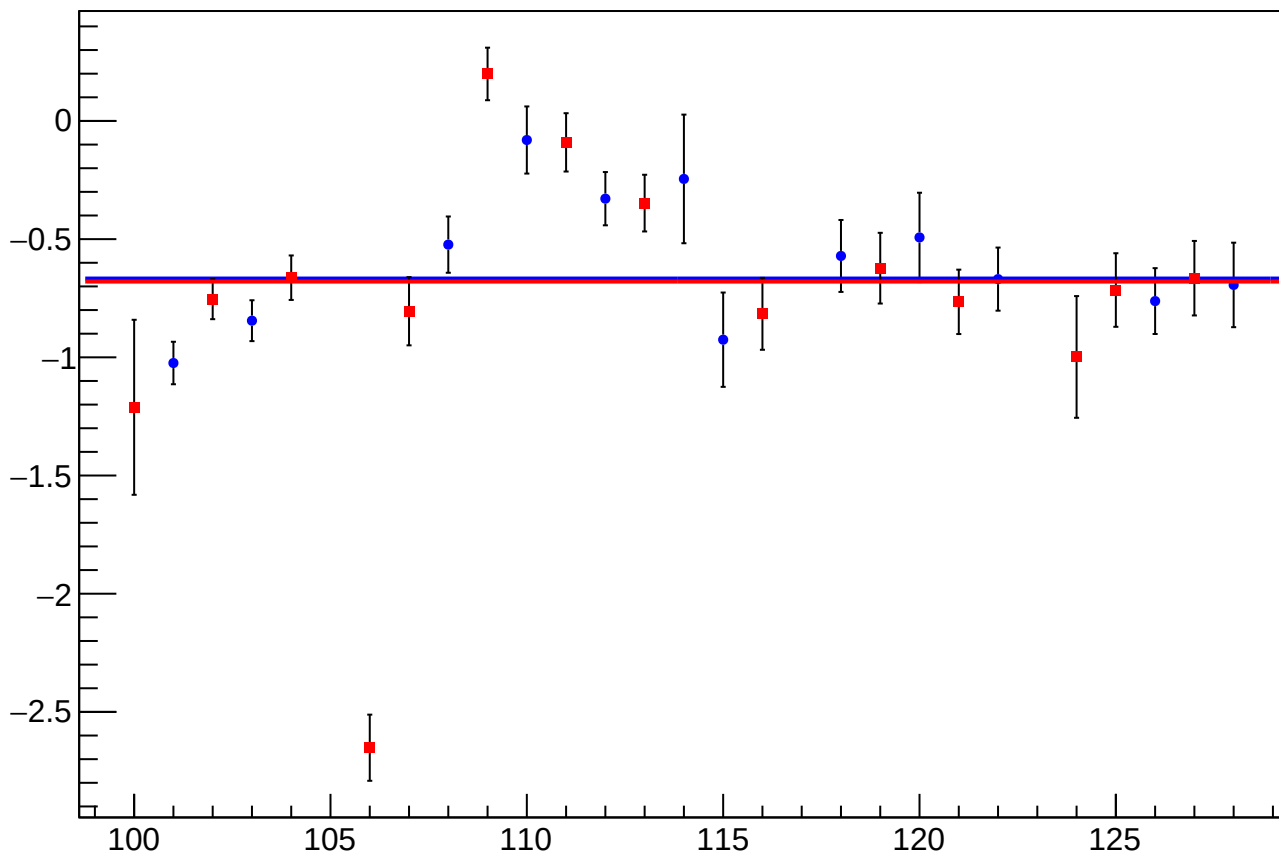
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.564+/-0.420 χ^2/NDF : 4003.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.667 ± 0.038 χ^2/NDF : 53.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.680 ± 0.035 χ^2/NDF : 298.0/13

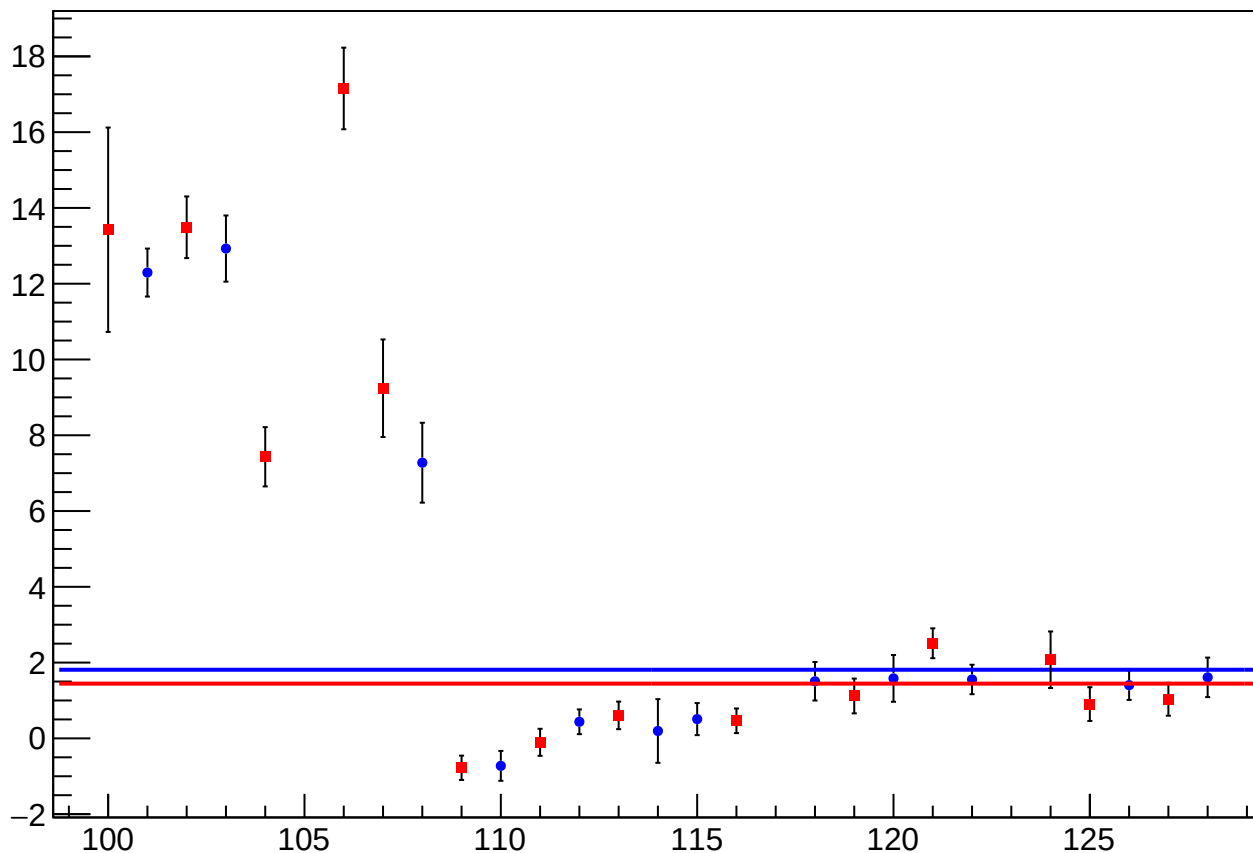
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.674 ± 0.026 χ^2/NDF : 351.4/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 1.811 $\pm$ 0.140 χ^2 /NDF: 537.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.445 $\pm$ 0.126 χ^2 /NDF: 638.7/13

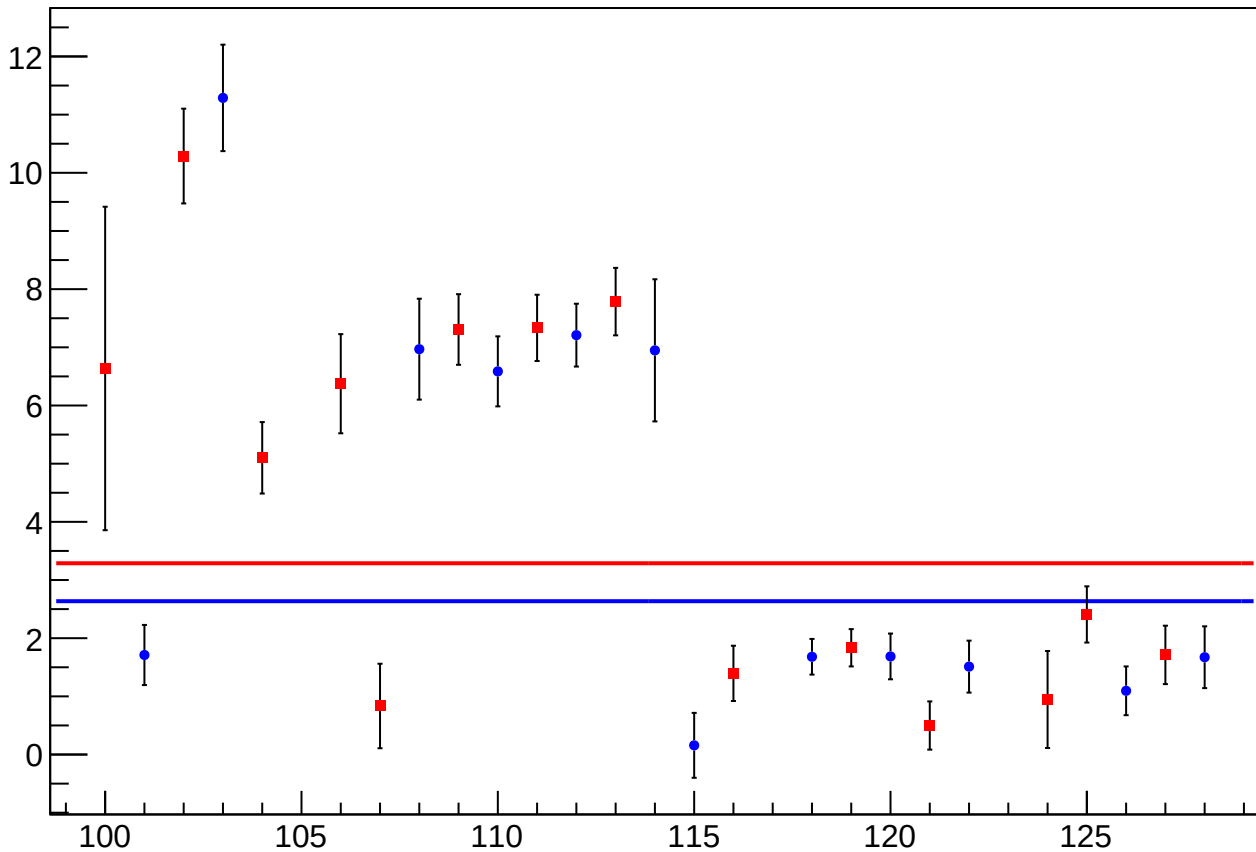
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.609 $\pm$ 0.094 χ^2 /NDF: 1179.9/25

- 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: 2.636 $\pm$ 0.145 χ^2 /NDF: 303.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.288 $\pm$ 0.147 χ^2 /NDF: 365.7/13

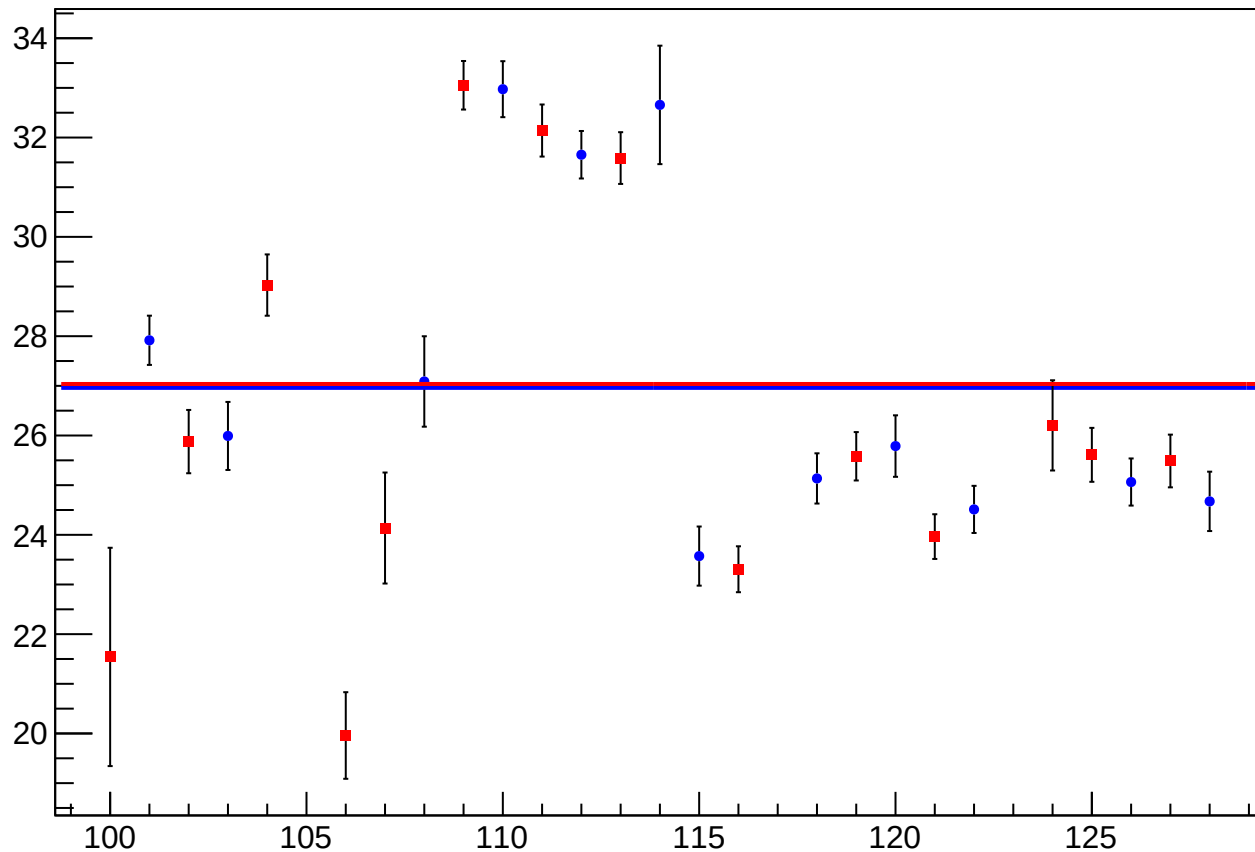
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.956 $\pm$ 0.103 χ^2 /NDF: 678.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 26.960 $\pm$ 0.165 χ^2 /NDF: 344.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.038 $\pm$ 0.156 χ^2 /NDF: 551.9/13

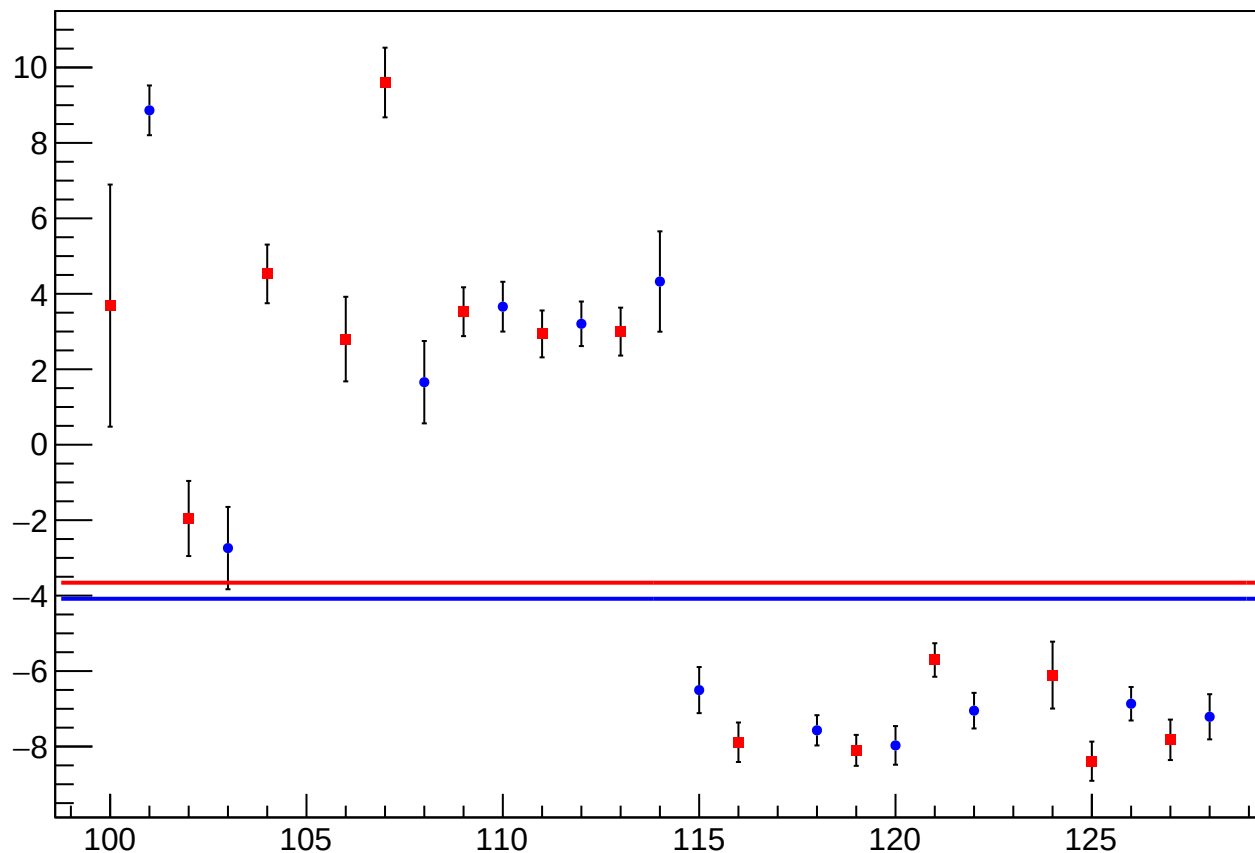
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.001 $\pm$ 0.114 χ^2 /NDF: 897.0/25

- 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: -4.083+/-0.170 χ^2/NDF : 999.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.657+/-0.168 χ^2/NDF : 1058.8/13

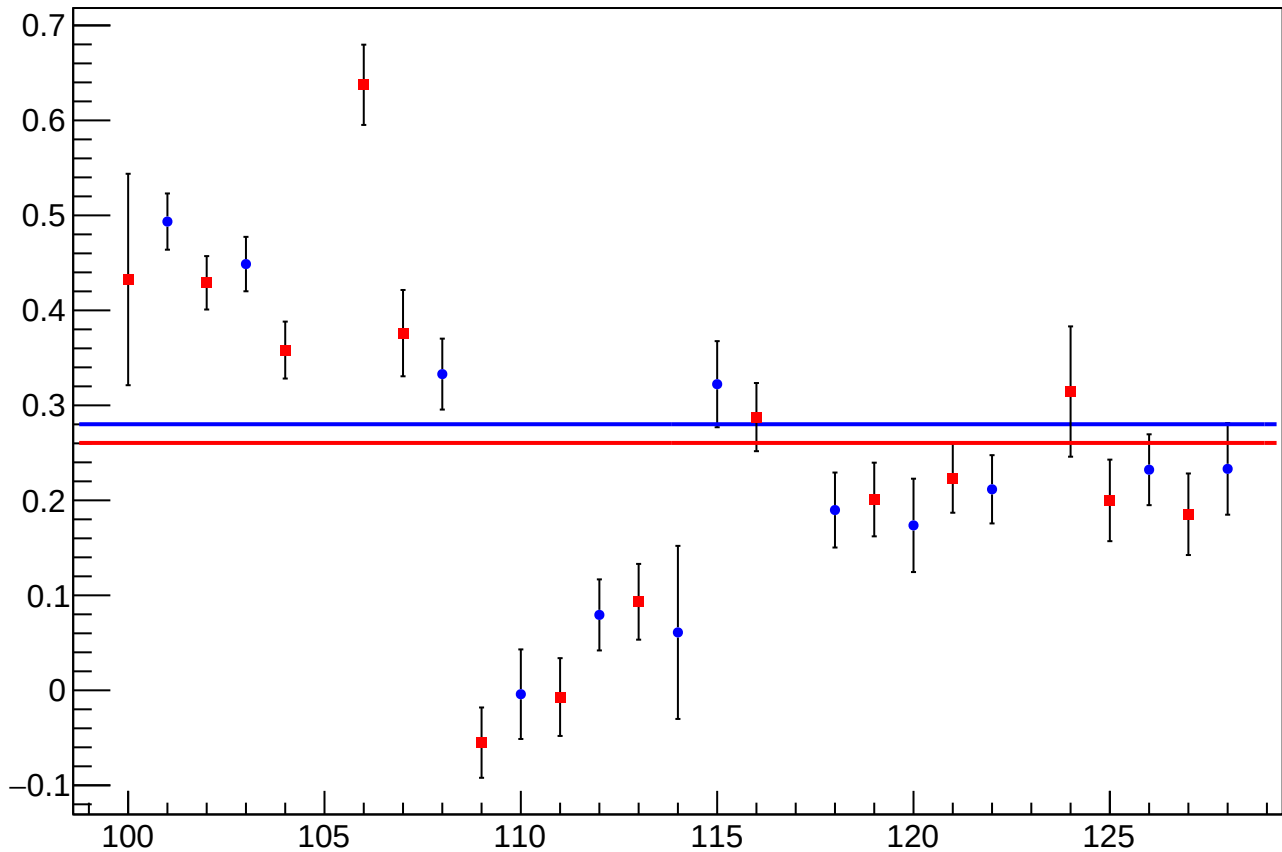
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.869+/-0.119 χ^2/NDF : 2061.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.280 $\pm$ 0.011 χ^2 /NDF: 176.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.260 $\pm$ 0.011 χ^2 /NDF: 277.6/13

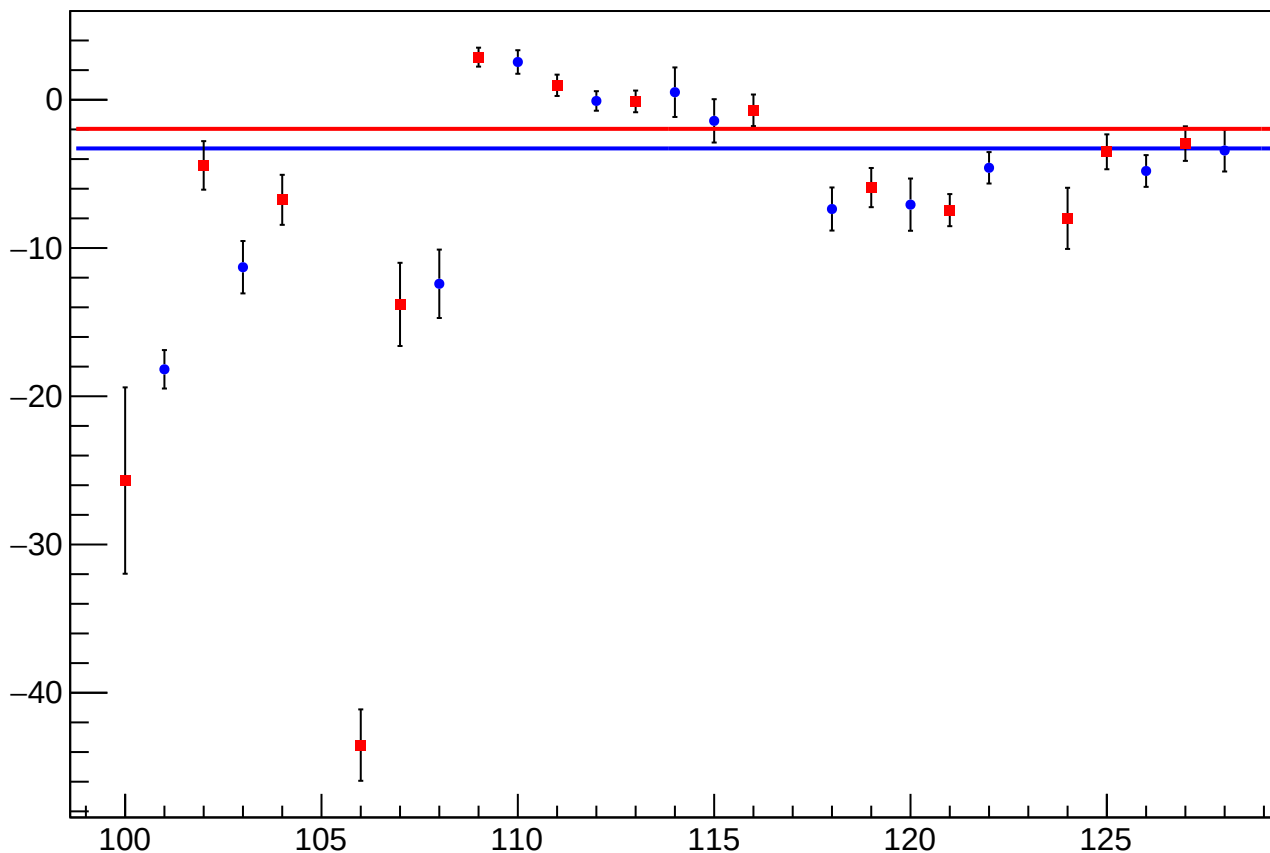
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.270 $\pm$ 0.008 χ^2 /NDF: 455.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



Right In: -3.282+/-0.336 χ^2/NDF : 268.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.961+/-0.298 χ^2/NDF : 467.7/13

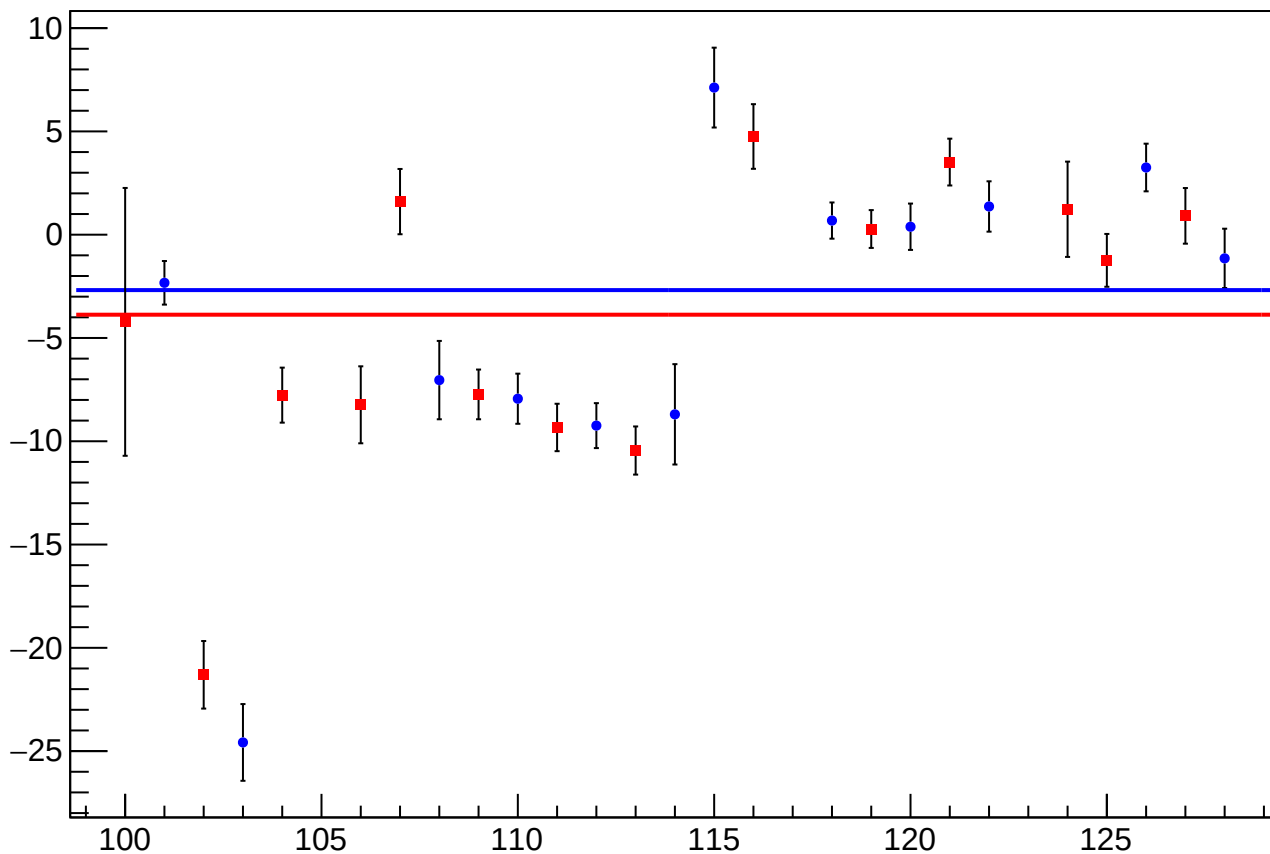
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.542+/-0.223 χ^2/NDF : 745.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -2.683+/-0.367 χ^2/NDF : 292.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.874+/-0.364 χ^2/NDF : 319.6/13

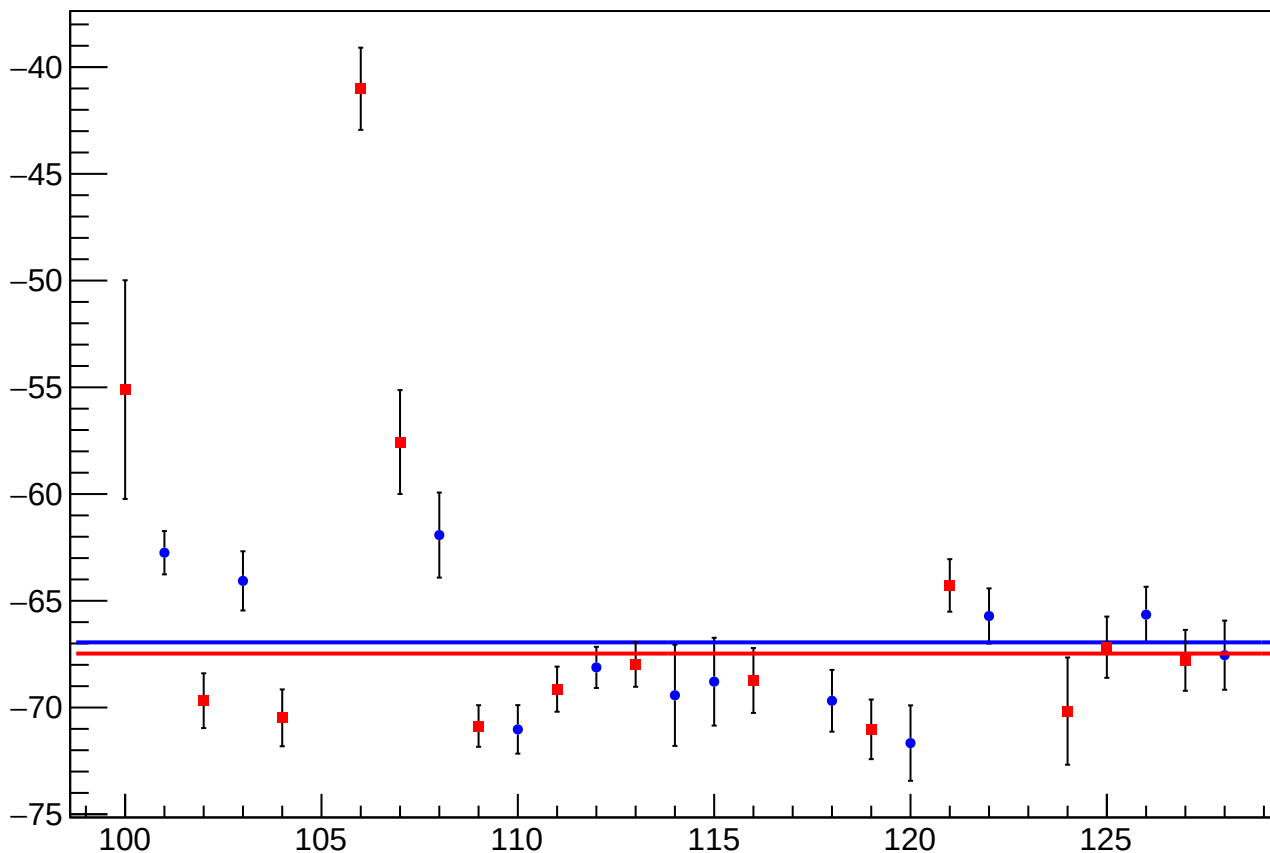
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.283+/-0.258 χ^2/NDF : 617.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -66.948 $\pm$ 0.396 χ^2 /NDF: 56.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -67.472 $\pm$ 0.371 χ^2 /NDF: 249.2/13

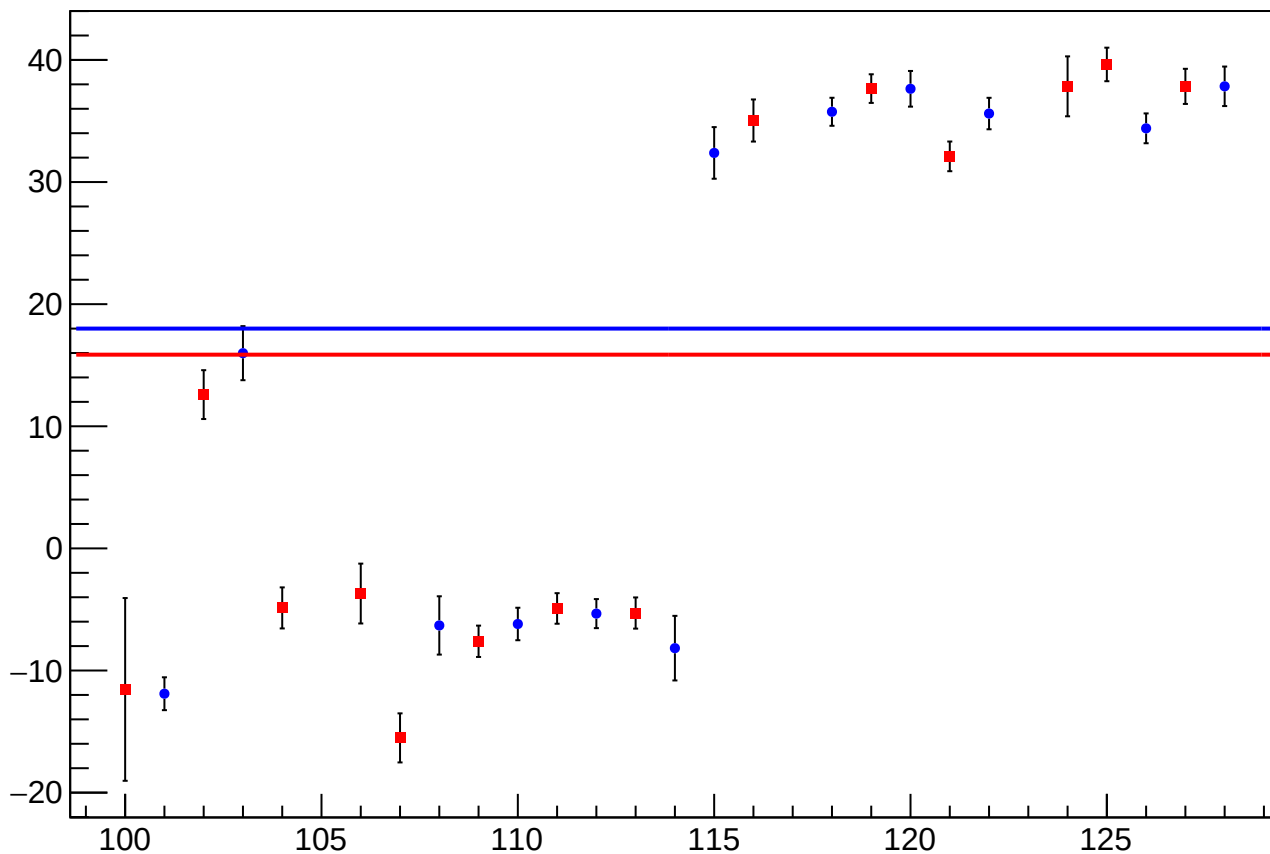
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -67.227 $\pm$ 0.271 χ^2 /NDF: 307.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 18.000+/-0.428 χ^2/NDF : 2395.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.864+/-0.415 χ^2/NDF : 2620.9/13

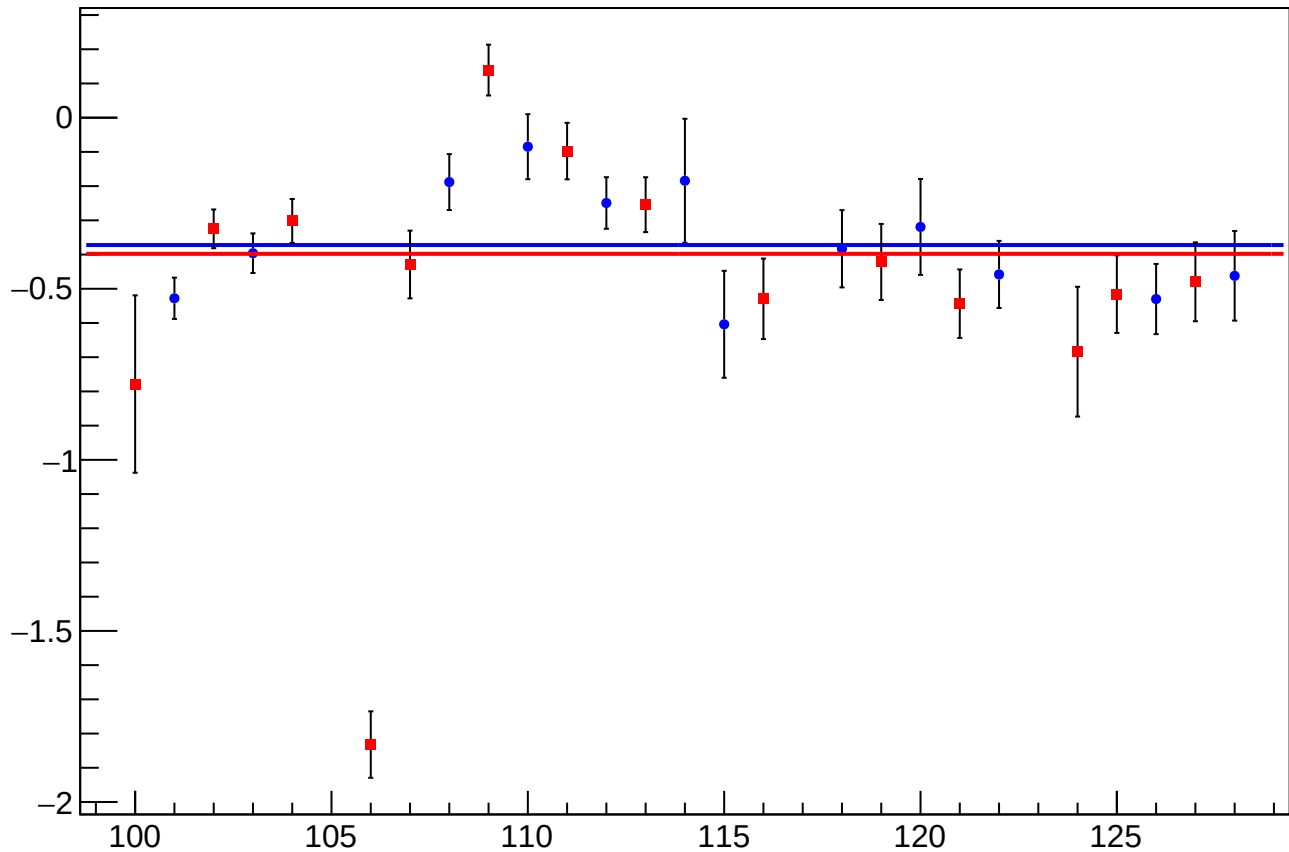
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.898+/-0.298 χ^2/NDF : 5029.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.372 ± 0.026 χ^2/NDF : 30.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.398 ± 0.024 χ^2/NDF : 300.3/13

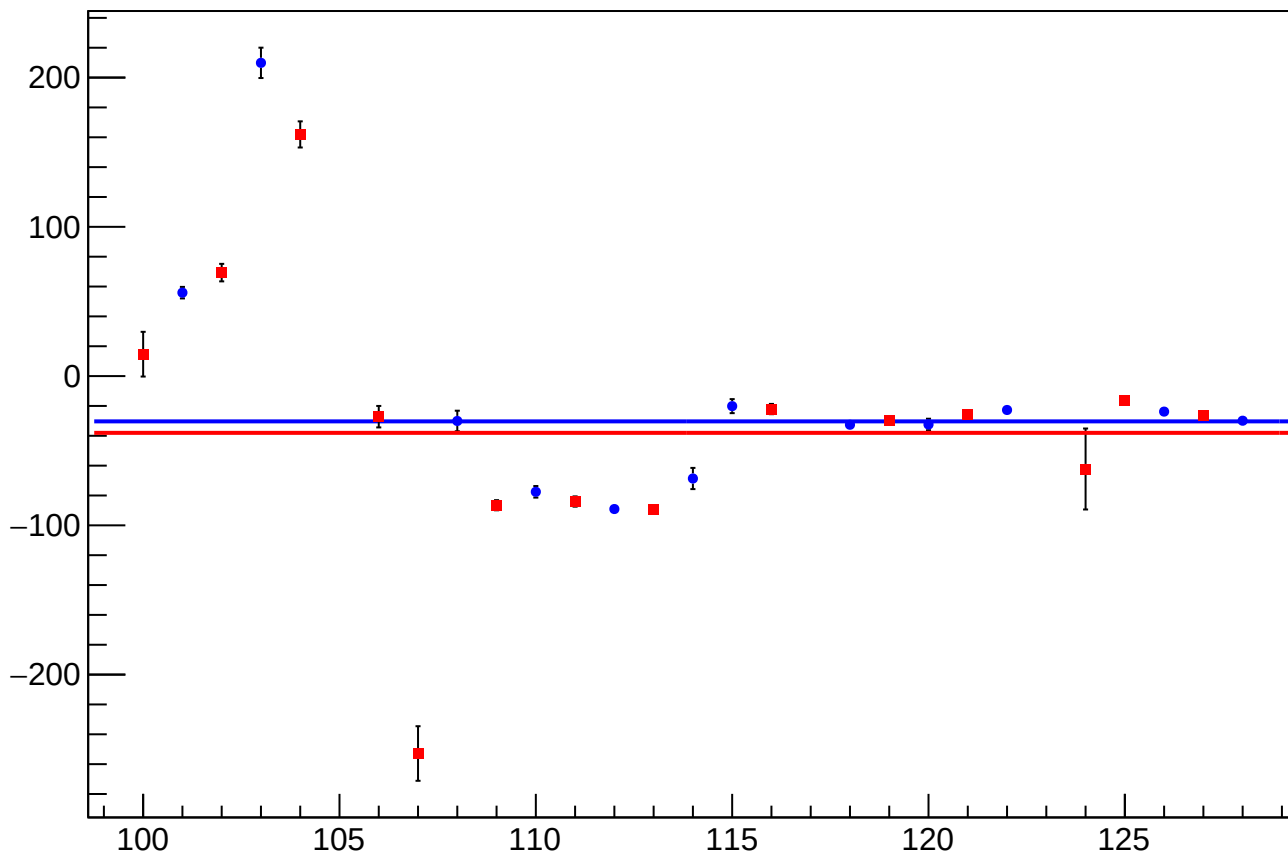
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.386 ± 0.018 χ^2/NDF : 331.5/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: -30.338 ± 1.095 χ^2/NDF : 1600.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -38.031 ± 1.074 χ^2/NDF : 1736.3/13

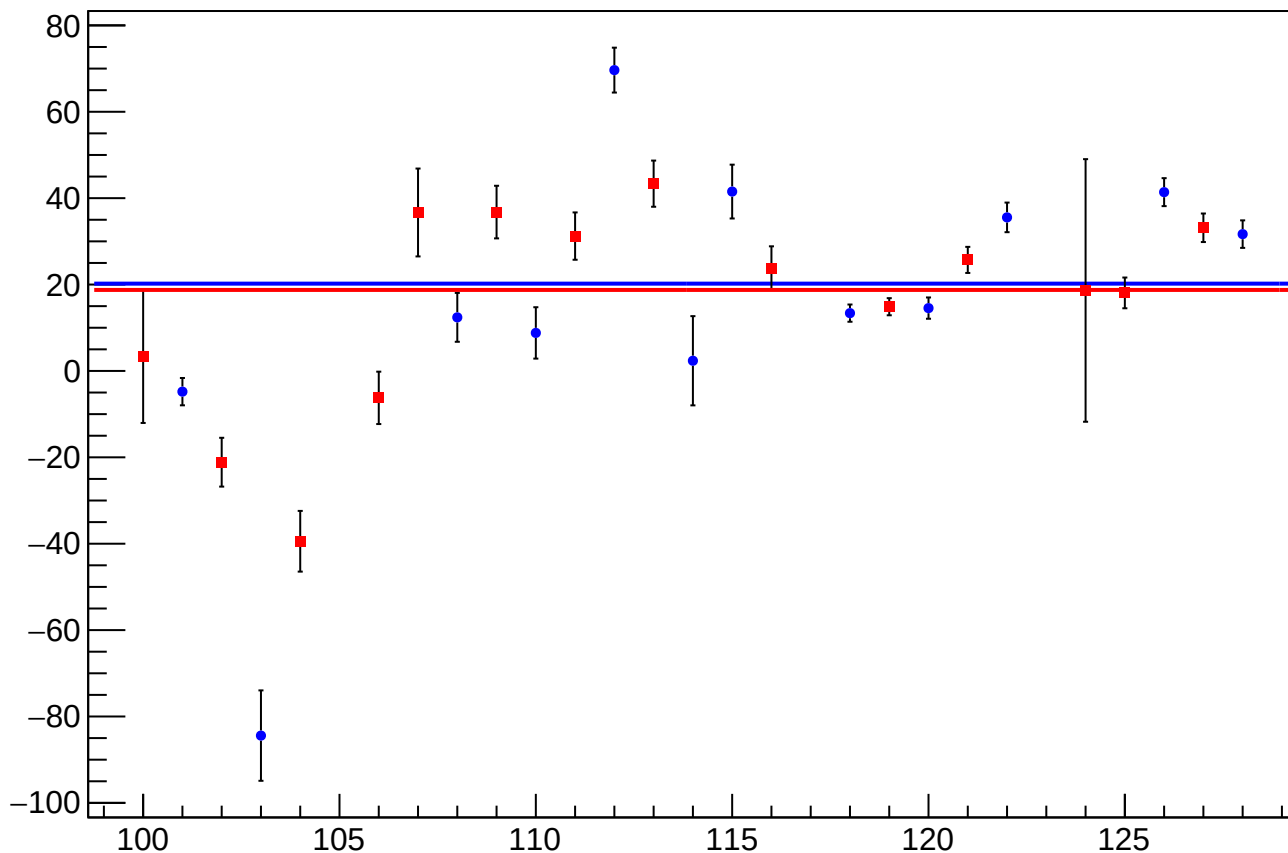
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.260 ± 0.767 χ^2/NDF : 3361.9/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 20.211+/-1.034 χ^2 /NDF: 366.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 18.754+/-1.145 χ^2 /NDF: 203.7/13

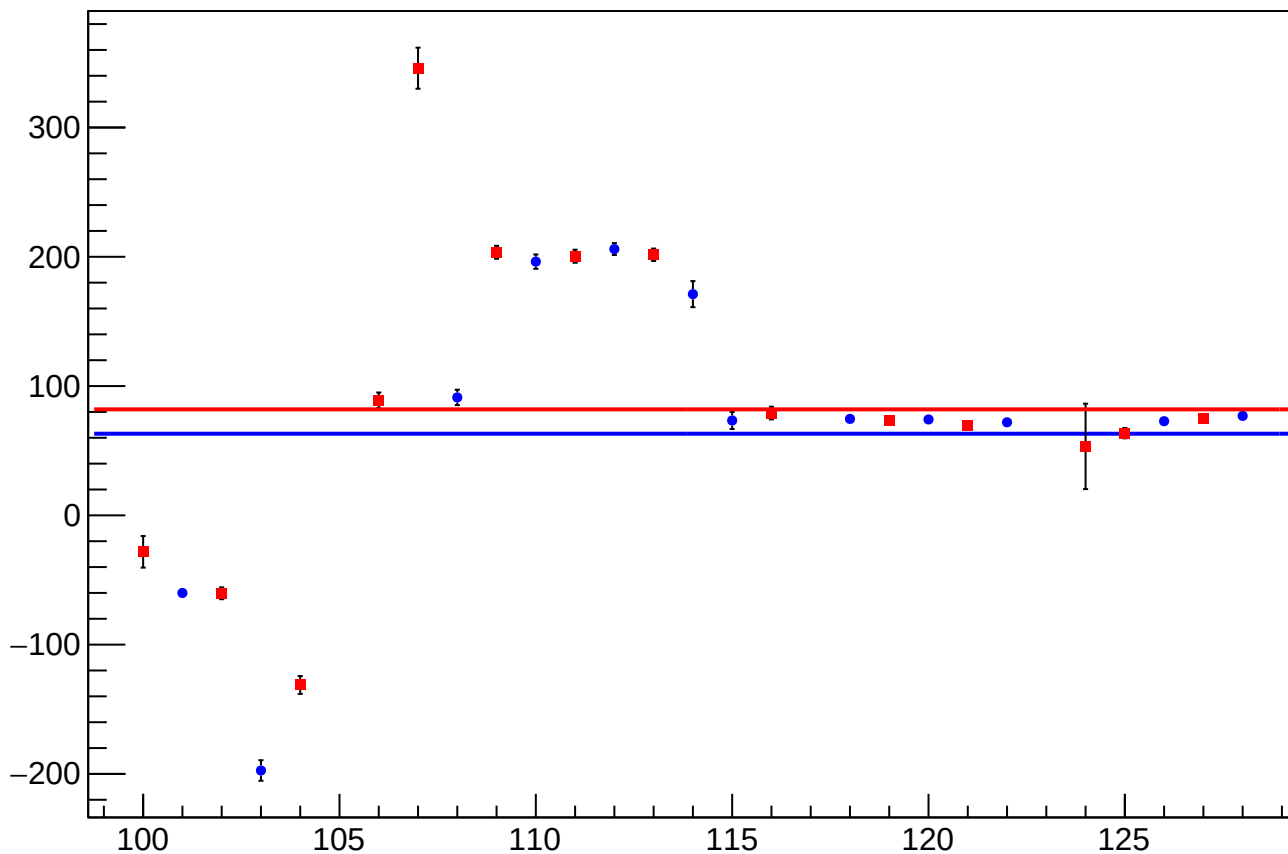
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 19.556+/-0.767 χ^2 /NDF: 570.7/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 63.131+/-1.228 χ^2 /NDF: 4458.3/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 81.984+/-1.268 χ^2 /NDF: 4085.0/13

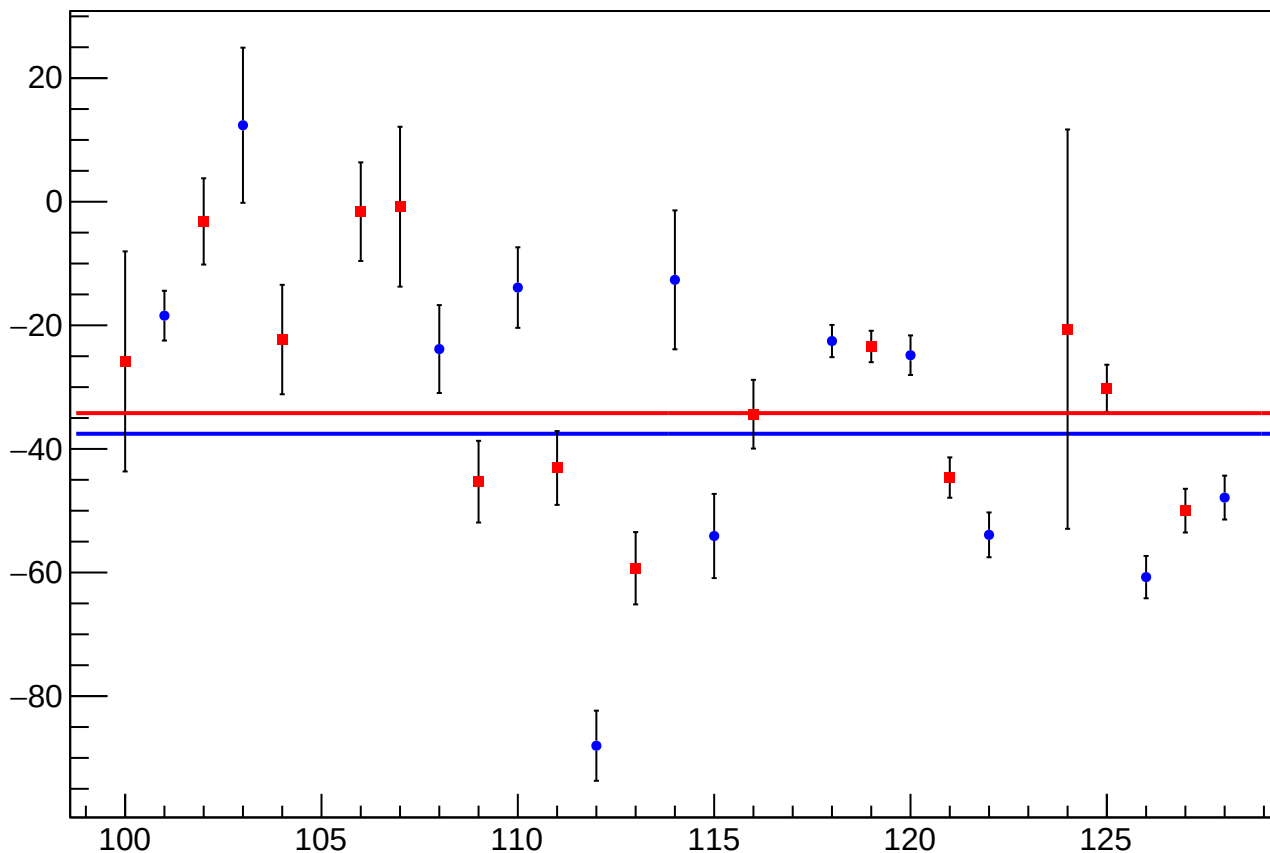
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 72.257+/-0.882 χ^2 /NDF: 8657.3/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -37.547 ± 1.234 χ^2/NDF : 268.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -34.207 ± 1.326 χ^2/NDF : 118.0/13

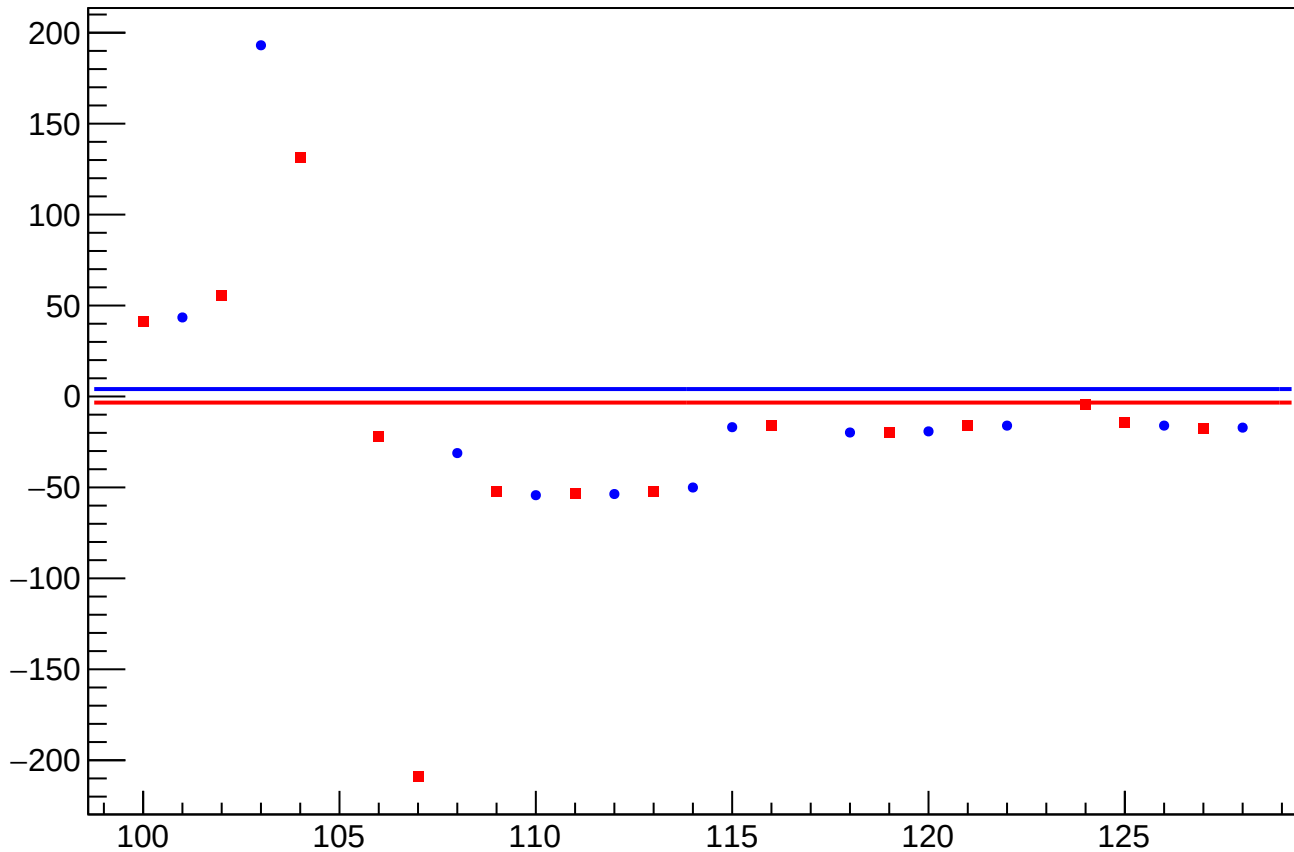
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.998 ± 0.903 χ^2/NDF : 390.1/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: 4.076 $\pm$ 0.085 χ^2 /NDF: 464346.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.358 $\pm$ 0.086 χ^2 /NDF: 418786.4/13

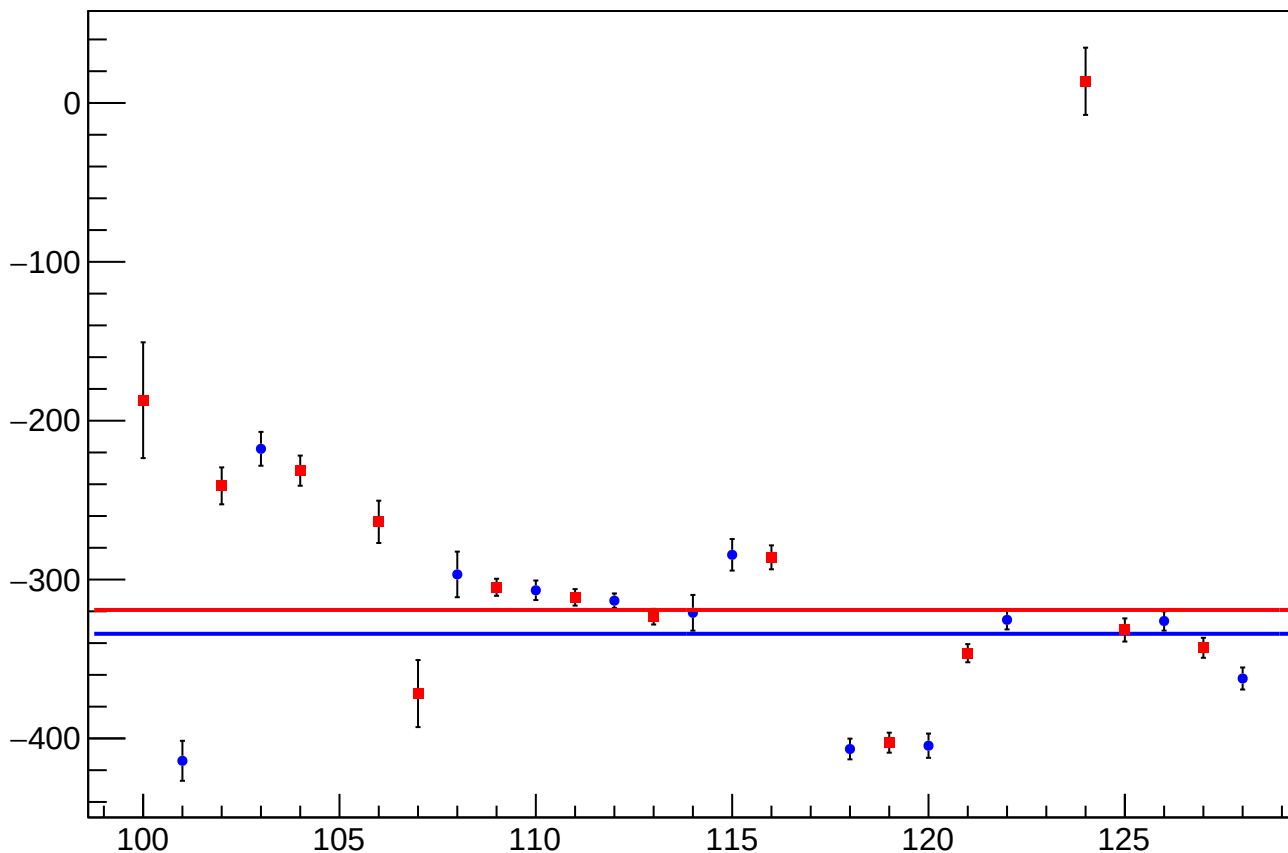
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.431 $\pm$ 0.061 χ^2 /NDF: 886903.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl2_diff_bpm1X_slope vs Slug



Right In: -334.136+/-2.089 χ^2/NDF : 463.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -319.133+/-1.962 χ^2/NDF : 660.4/13

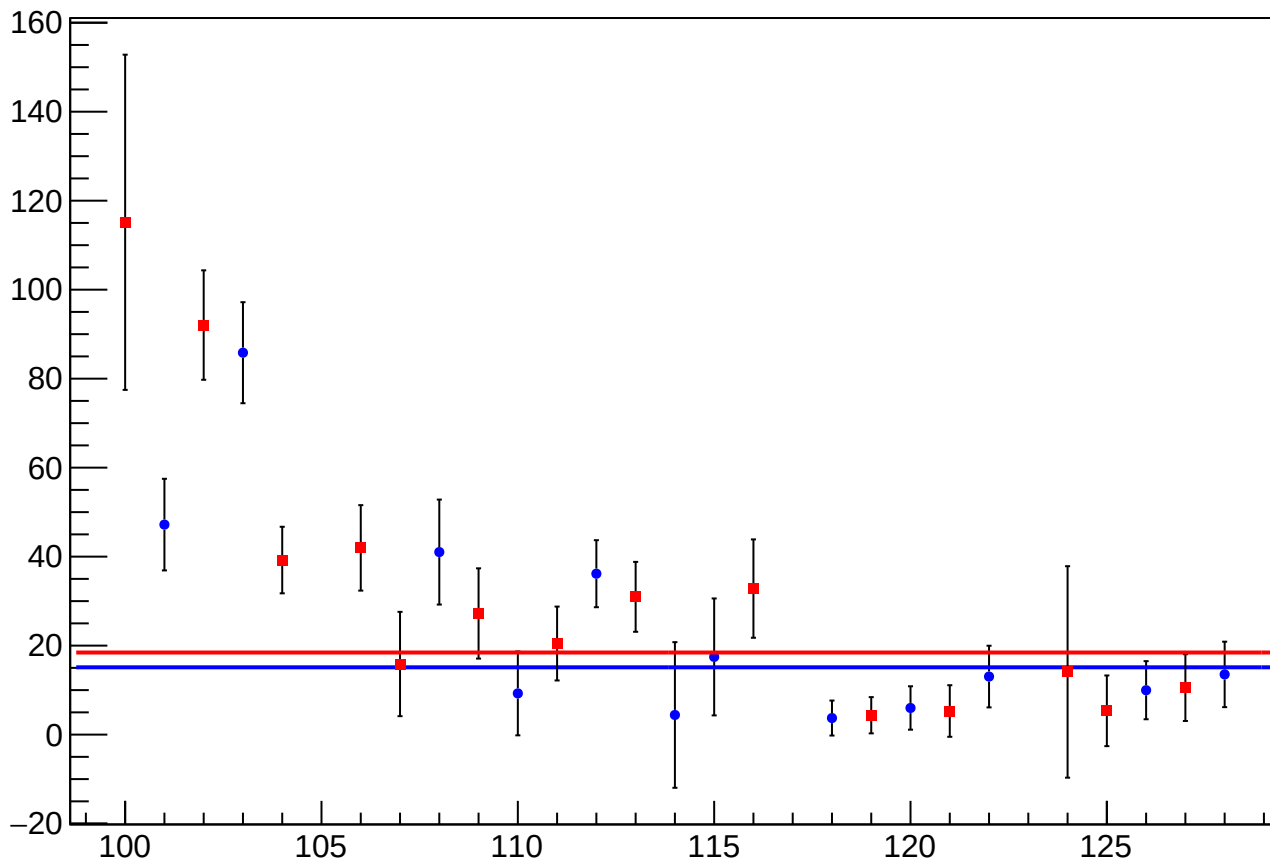
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -326.164+/-1.430 χ^2/NDF : 1151.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: 15.123+/-2.075 χ^2/NDF : 74.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.452+/-2.145 χ^2/NDF : 82.2/13

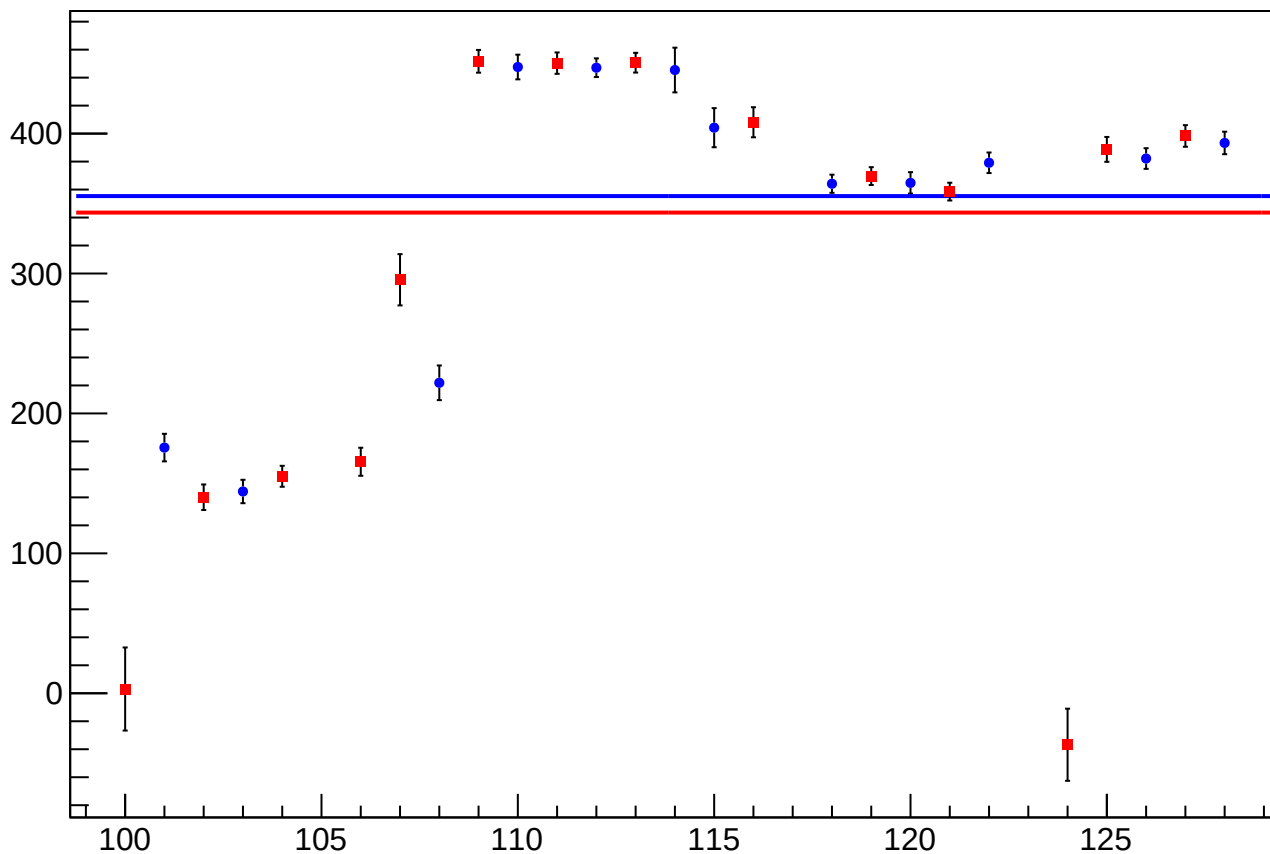
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.733+/-1.491 χ^2/NDF : 158.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 355.331 $\pm$ 2.435 χ^2 /NDF: 1479.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 343.546 $\pm$ 2.322 χ^2 /NDF: 2541.1/13

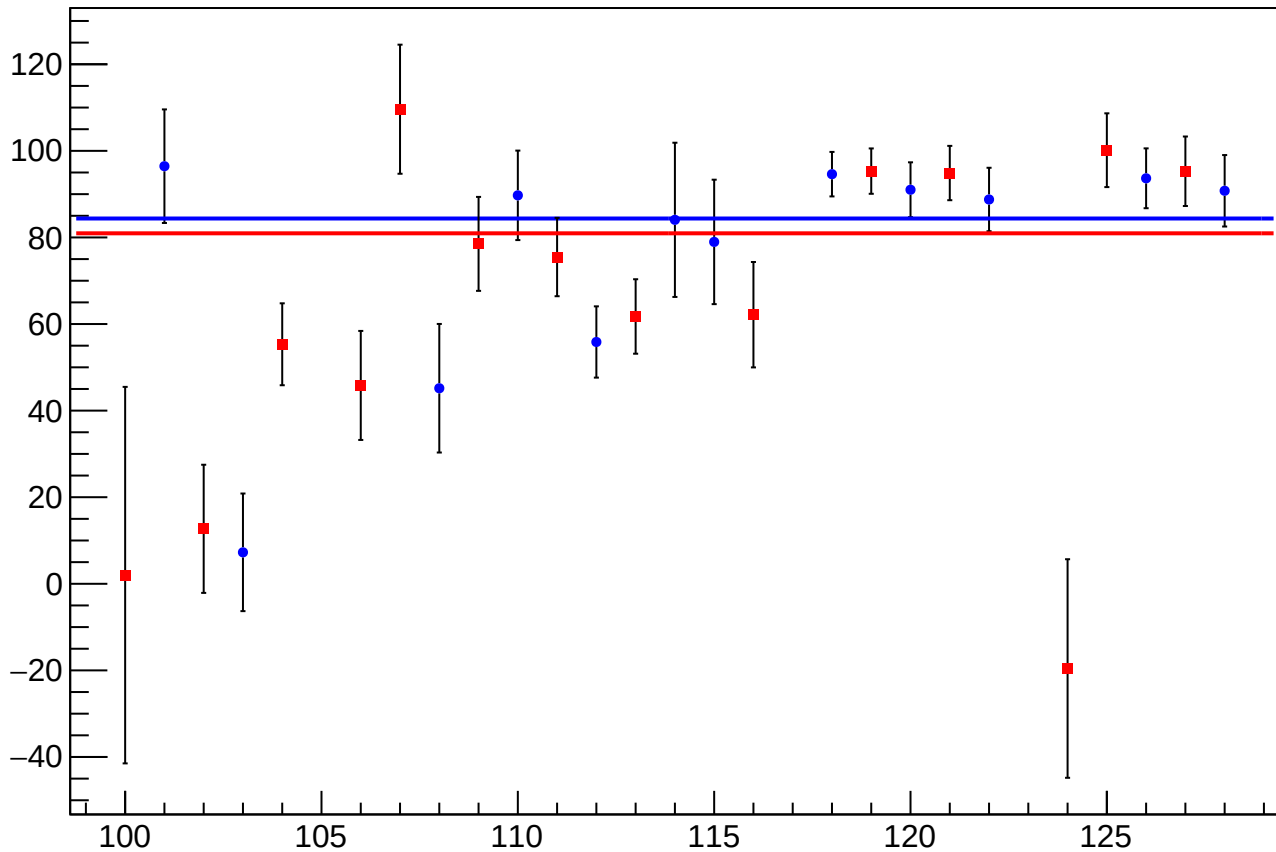
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 349.161 $\pm$ 1.681 χ^2 /NDF: 4032.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 84.374 $\pm$ 2.463 χ^2 /NDF: 60.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 80.954 $\pm$ 2.494 χ^2 /NDF: 87.8/13

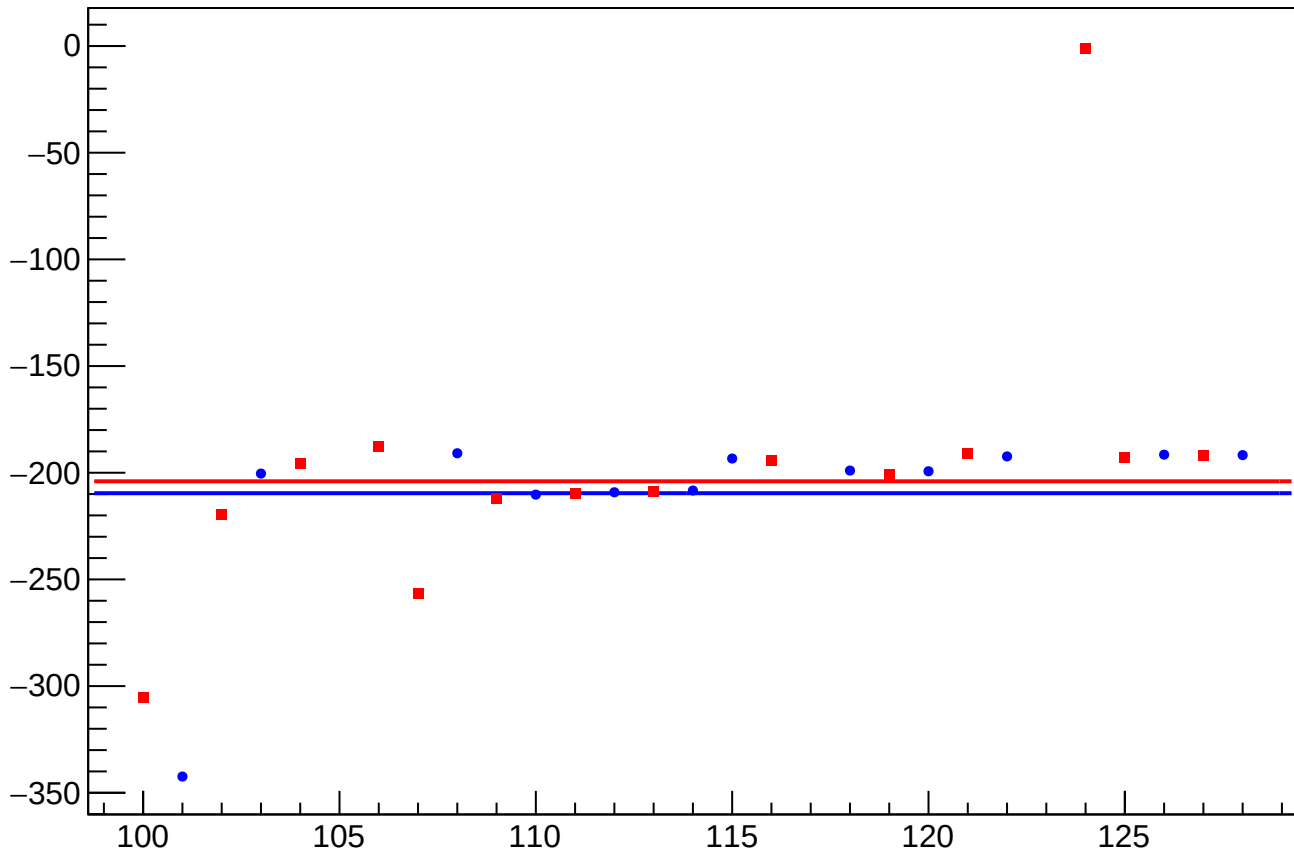
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 82.686 $\pm$ 1.752 χ^2 /NDF: 149.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -209.596+/-0.164 χ^2/NDF : 56639.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -204.022+/-0.154 χ^2/NDF : 25153.2/13

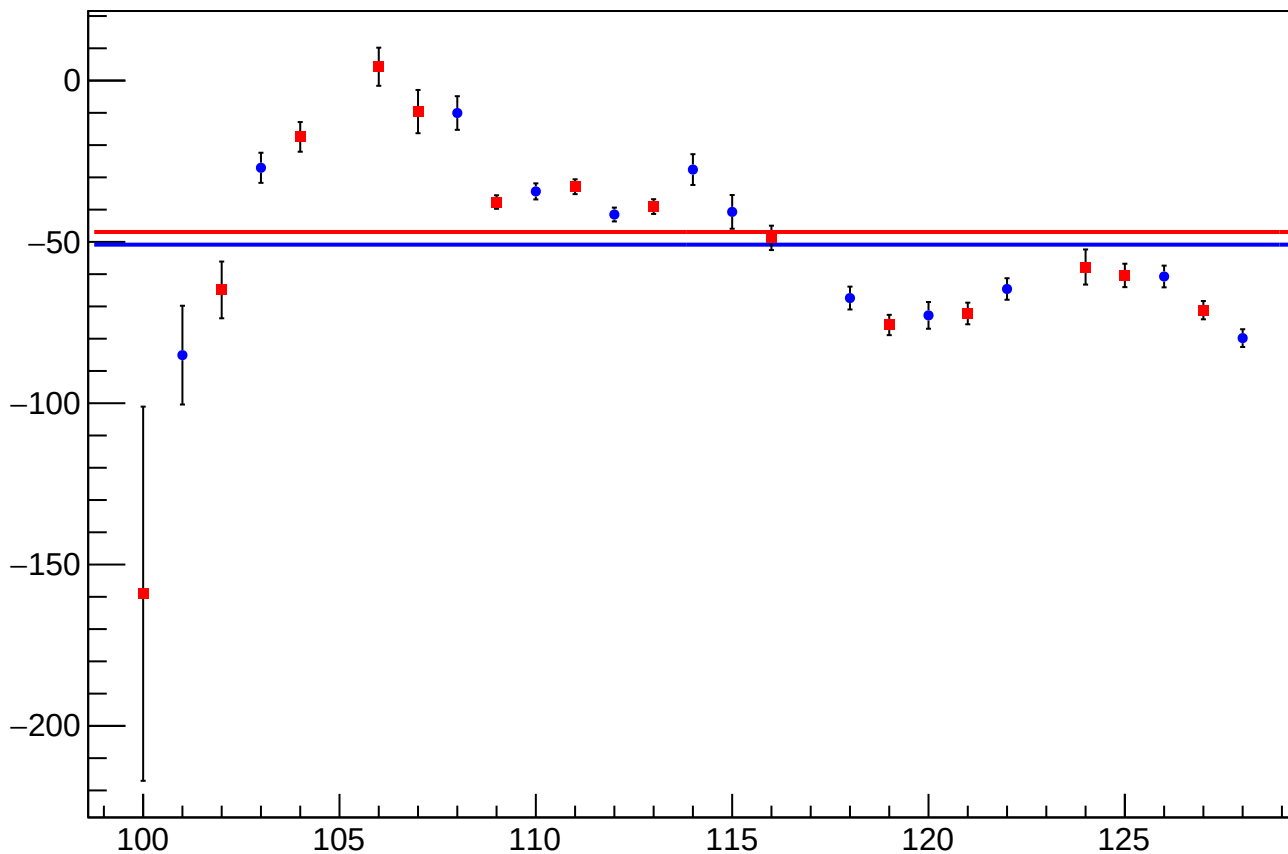
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -206.624+/-0.112 χ^2/NDF : 82408.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: -50.855 ± 1.003 χ^2/NDF : 369.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -46.927 ± 0.907 χ^2/NDF : 456.0/13

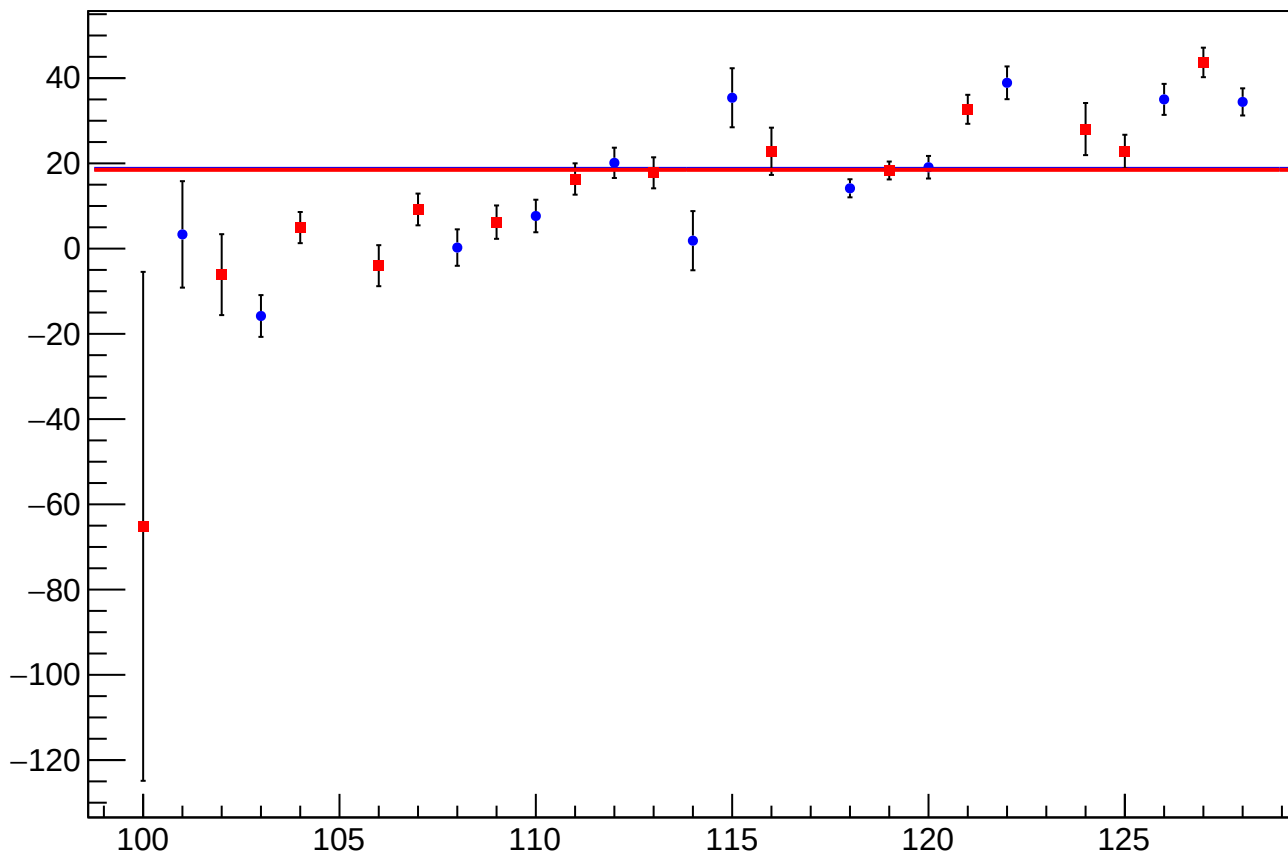
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -48.695 ± 0.673 χ^2/NDF : 833.5/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.707 $\pm$ 1.055 χ^2 /NDF: 166.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.483 $\pm$ 1.033 χ^2 /NDF: 135.3/13

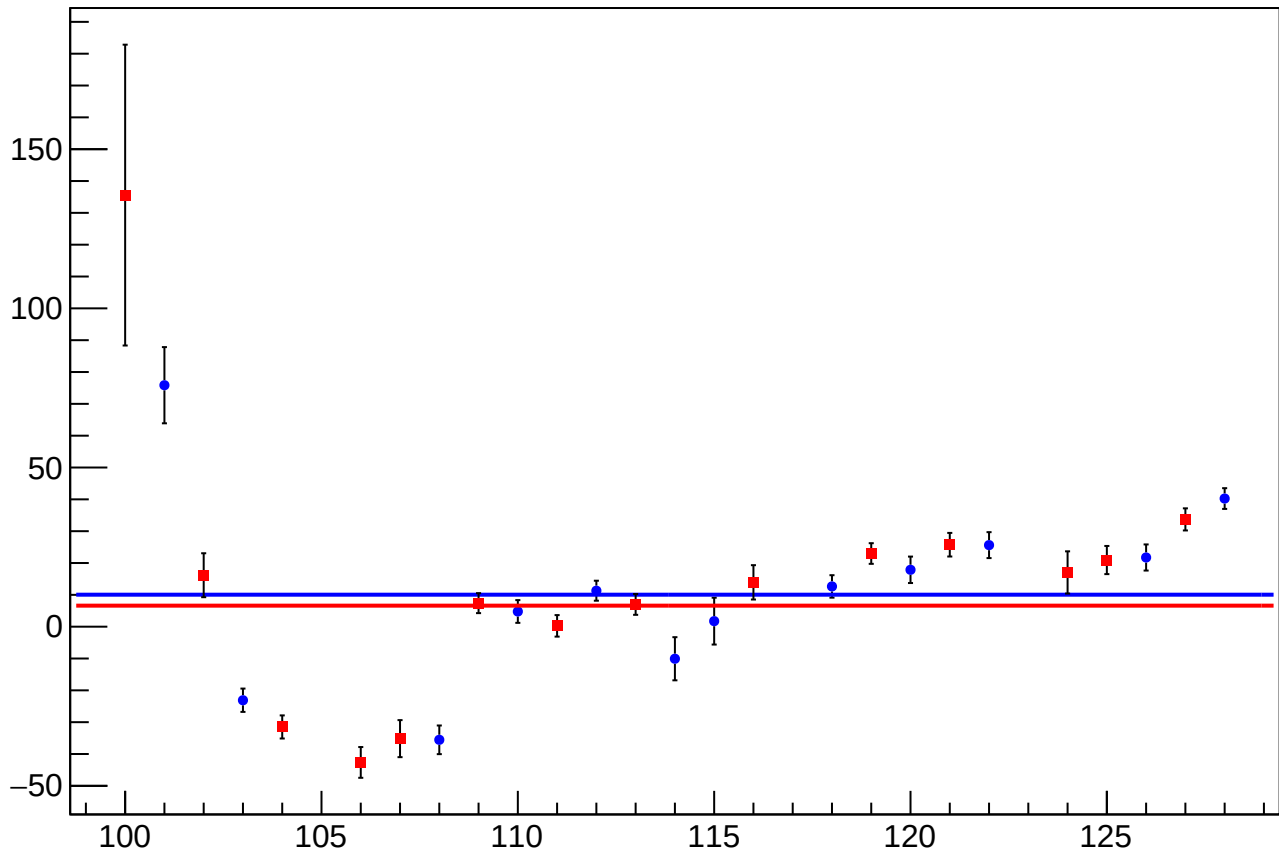
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.593 $\pm$ 0.738 χ^2 /NDF: 302.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 10.048 $\pm$ 1.192 χ^2 /NDF: 340.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.606 $\pm$ 1.110 χ^2 /NDF: 406.6/13

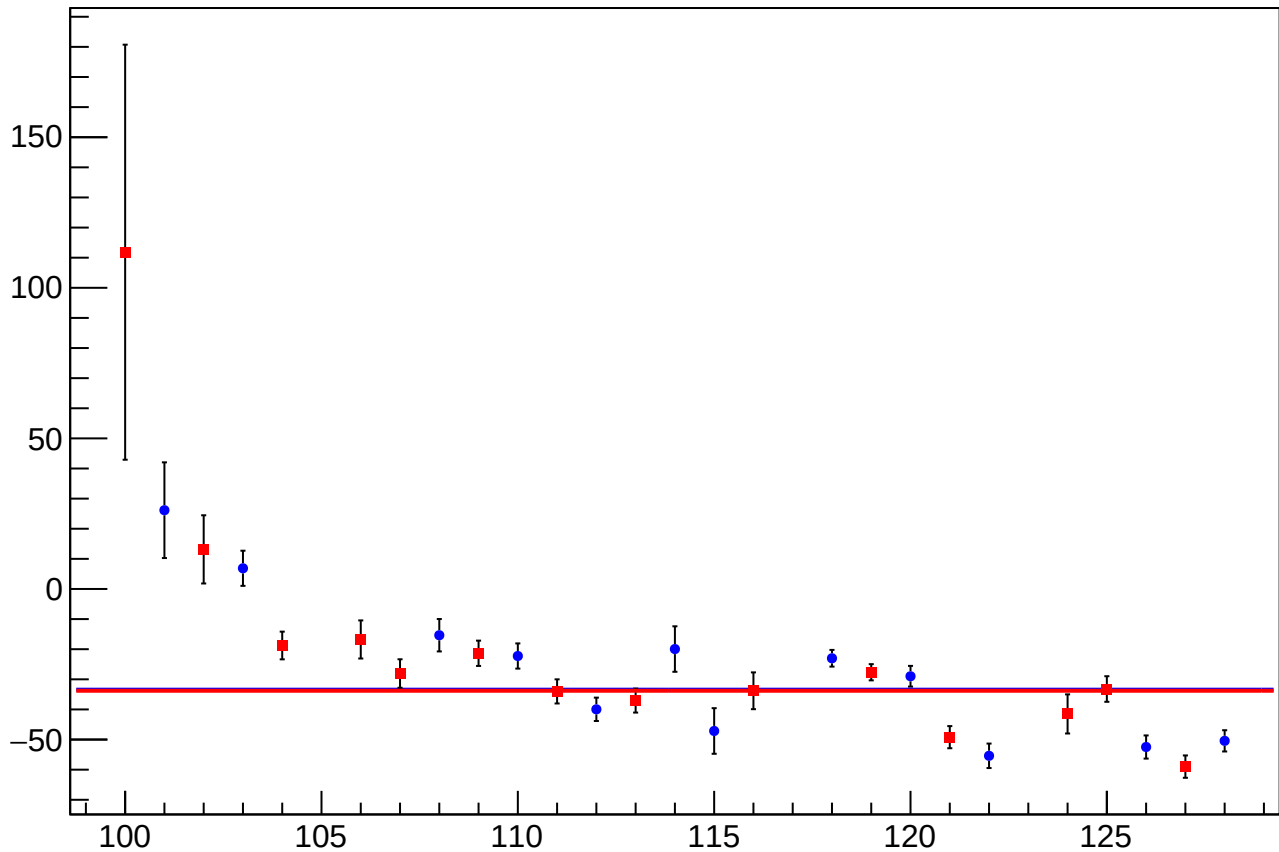
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.204 $\pm$ 0.813 χ^2 /NDF: 751.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.444 ± 1.241 χ^2/NDF : 182.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -33.793 ± 1.197 χ^2/NDF : 120.8/13

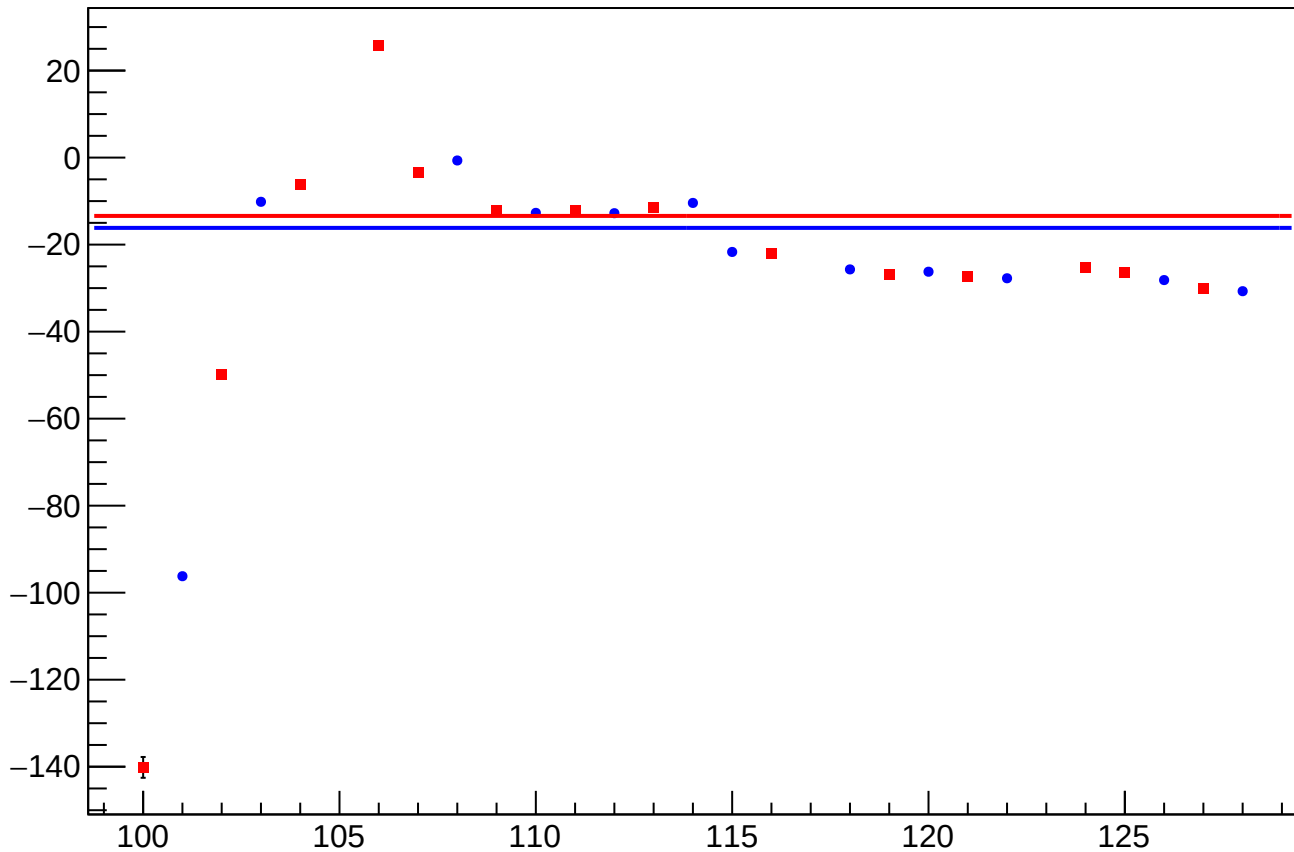
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -33.625 ± 0.862 χ^2/NDF : 303.0/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -16.156+/-0.078 χ^2/NDF : 29878.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.406+/-0.073 χ^2/NDF : 60553.5/13

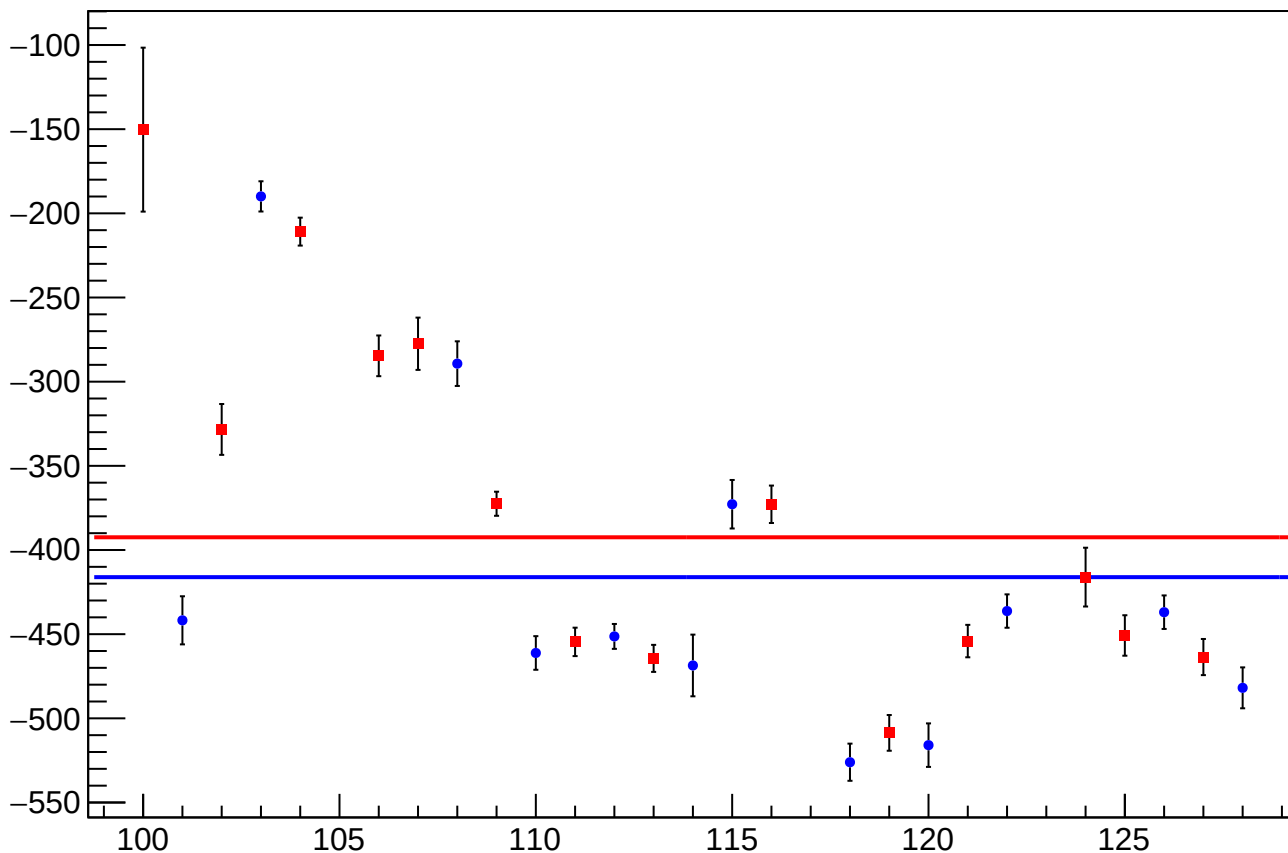
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.695+/-0.053 χ^2/NDF : 91098.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm1X_slope vs Slug



Right In: -416.126 ± 3.158 χ^2/NDF : 986.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -392.444 ± 2.817 χ^2/NDF : 1031.5/13

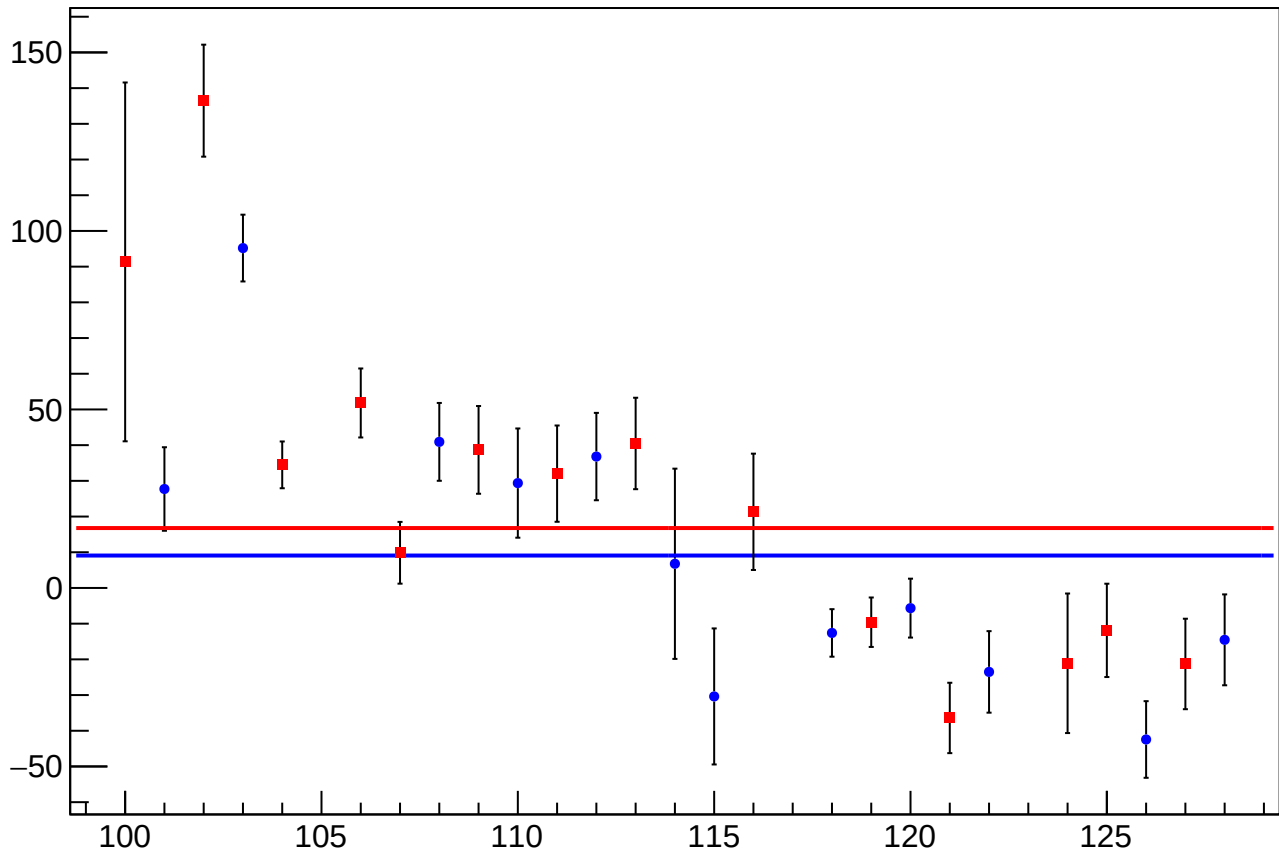
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -402.940 ± 2.102 χ^2/NDF : 2049.2/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: 9.080+/-3.130 χ^2/NDF : 155.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.780+/-2.891 χ^2/NDF : 150.7/13

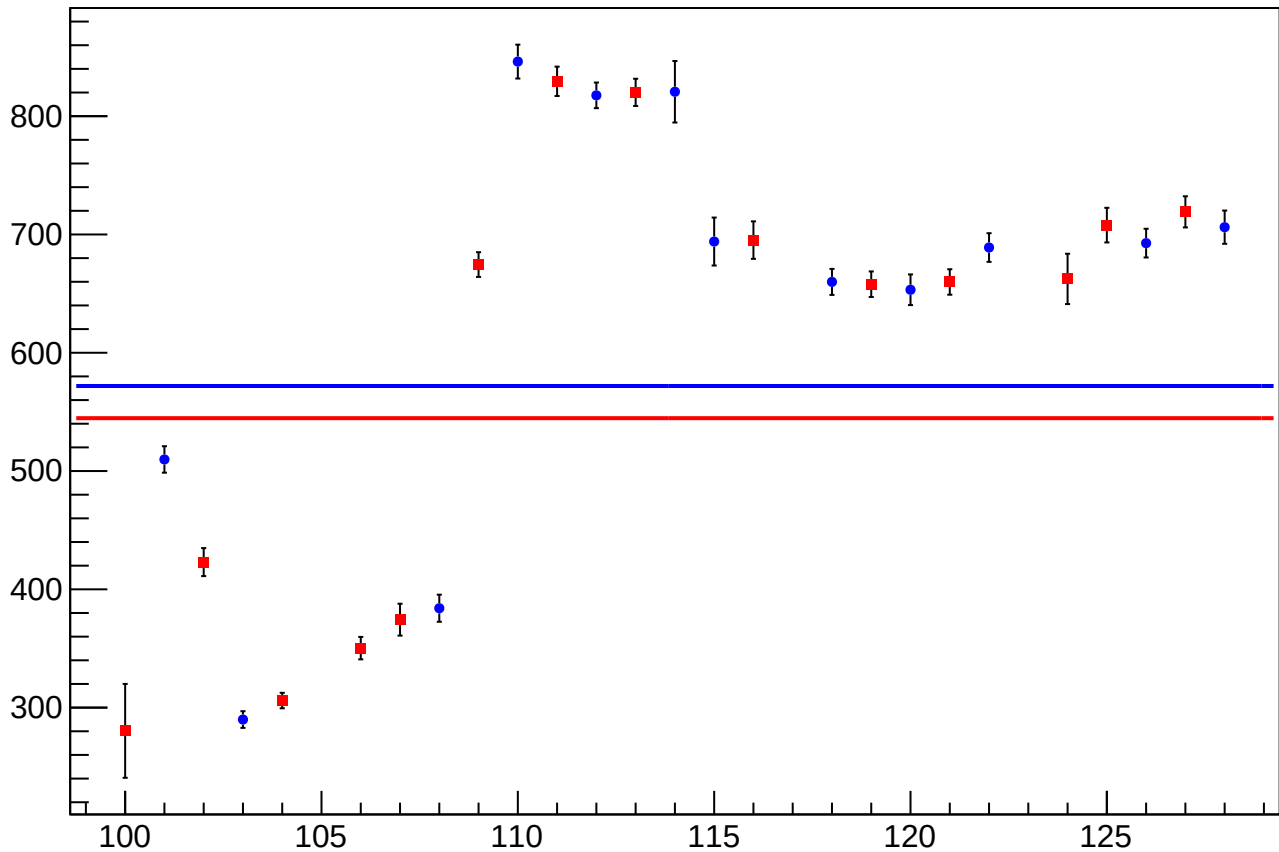
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.236+/-2.124 χ^2/NDF : 309.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 571.889+/-3.410 χ^2/NDF : 3298.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 544.700+/-3.089 χ^2/NDF : 3960.9/13

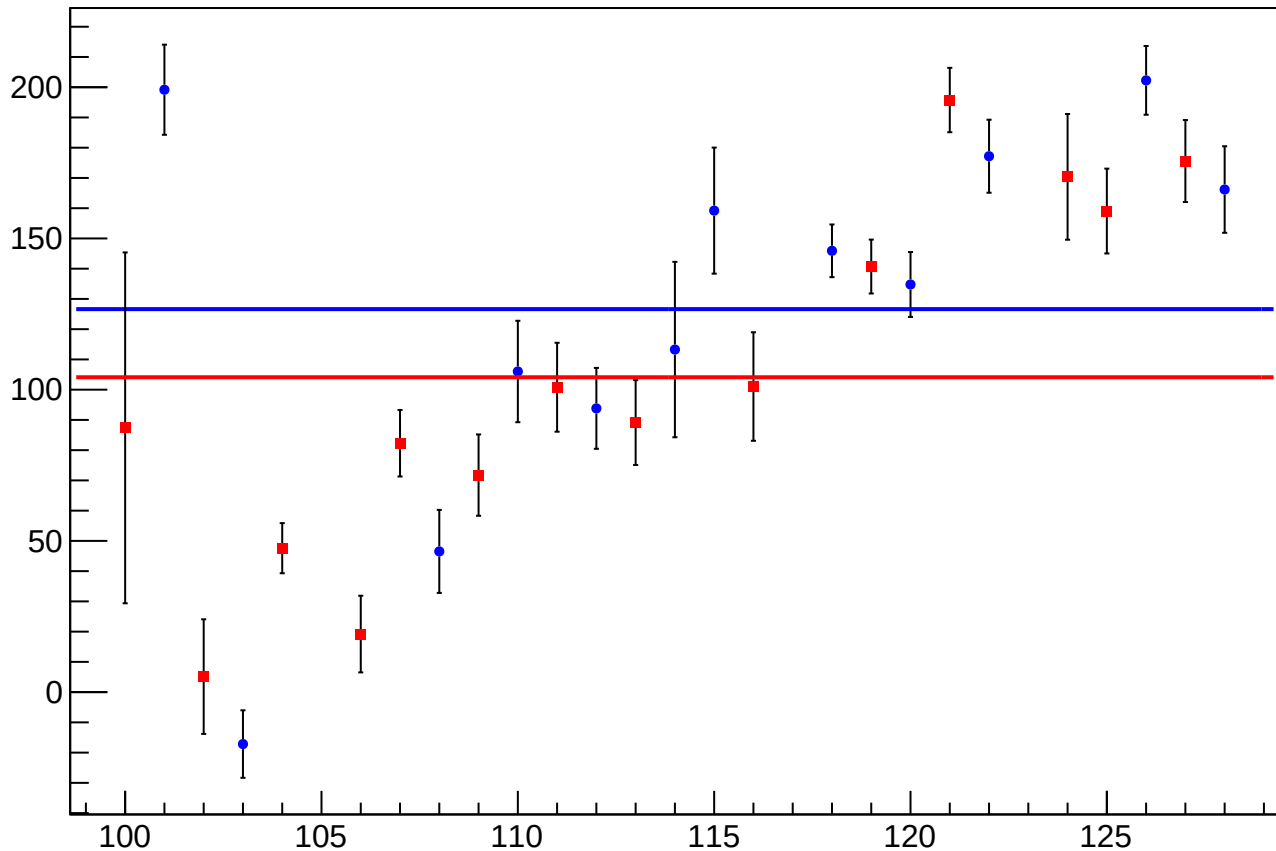
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 556.955+/-2.290 χ^2/NDF : 7294.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 126.629 $\pm$ 3.730 χ^2 /NDF: 309.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 104.102 $\pm$ 3.435 χ^2 /NDF: 274.1/13

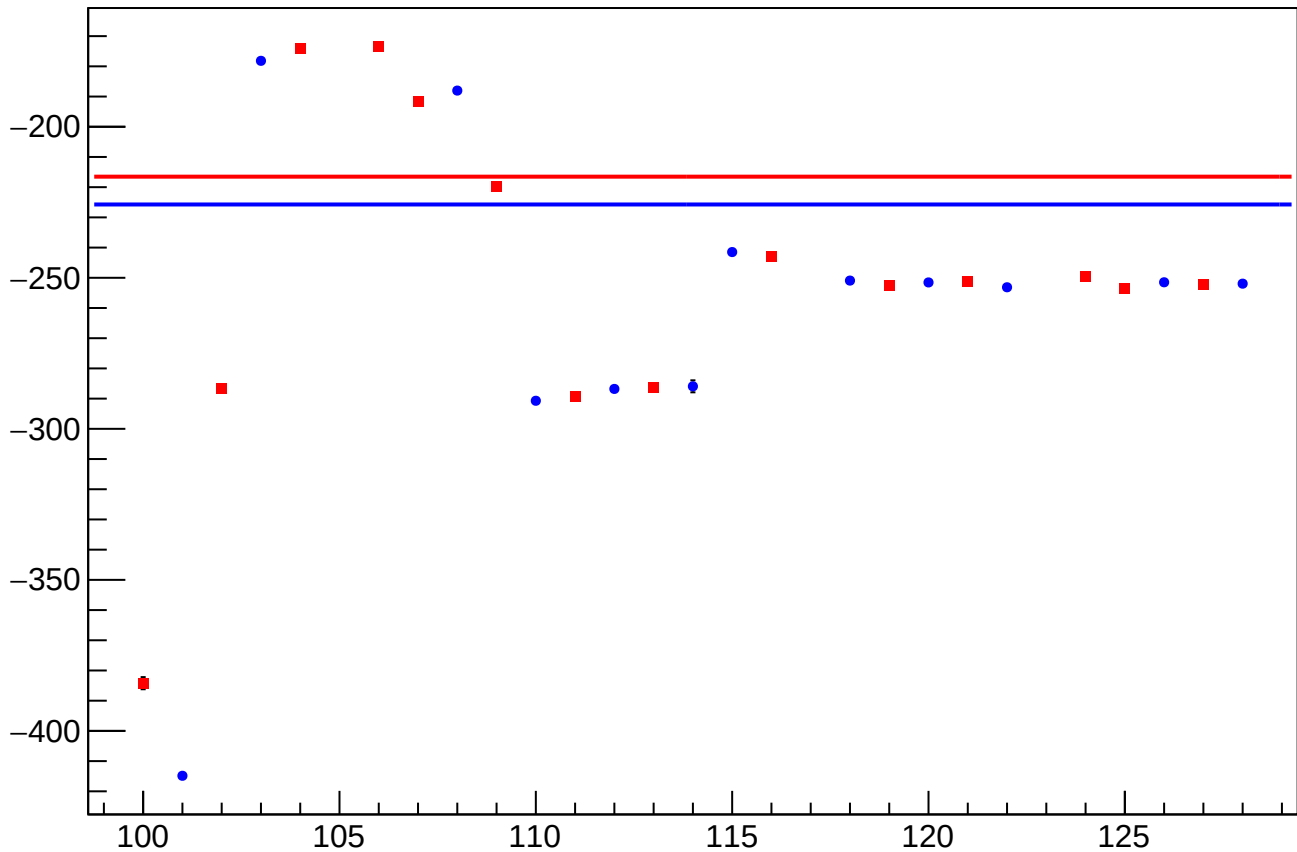
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 114.437 $\pm$ 2.527 χ^2 /NDF: 602.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -225.729+/-0.195 χ^2/NDF : 125601.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -216.521+/-0.180 χ^2/NDF : 70918.1/13

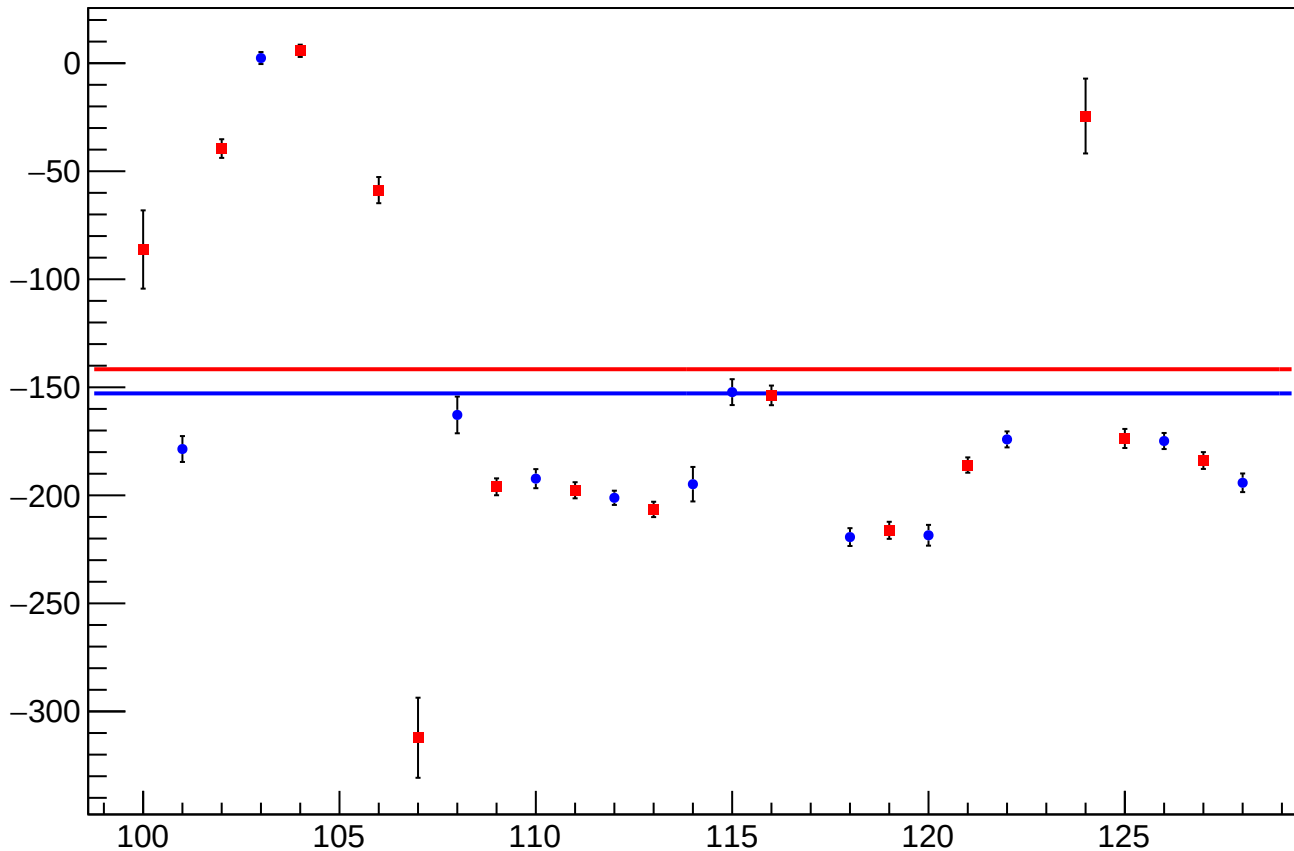
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -220.773+/-0.132 χ^2/NDF : 197724.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



Right In: -152.821 ± 1.232 χ^2/NDF : 4067.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -141.636 ± 1.162 χ^2/NDF : 5023.6/13

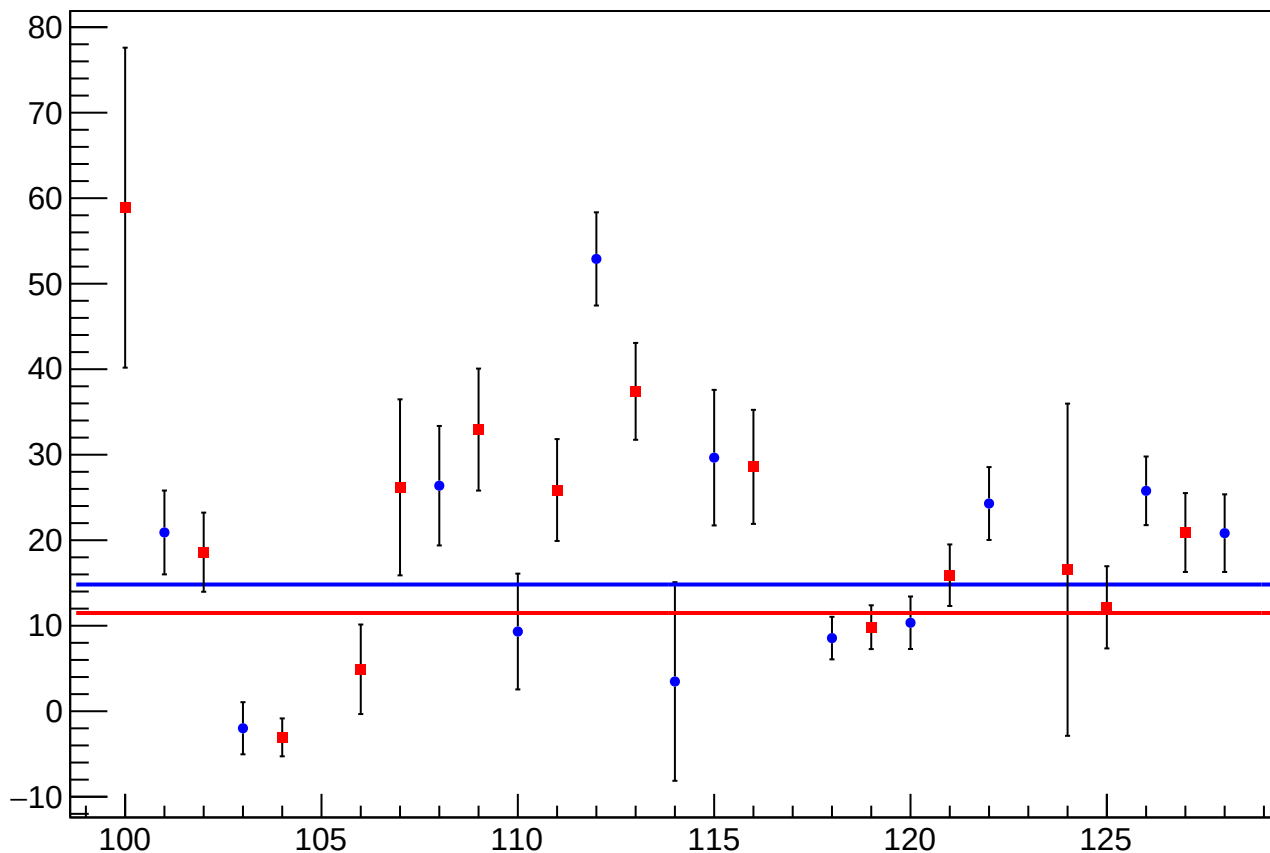
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -146.904 ± 0.845 χ^2/NDF : 9134.5/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 14.821+/-1.211 χ^2/NDF : 111.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.489+/-1.176 χ^2/NDF : 104.0/13

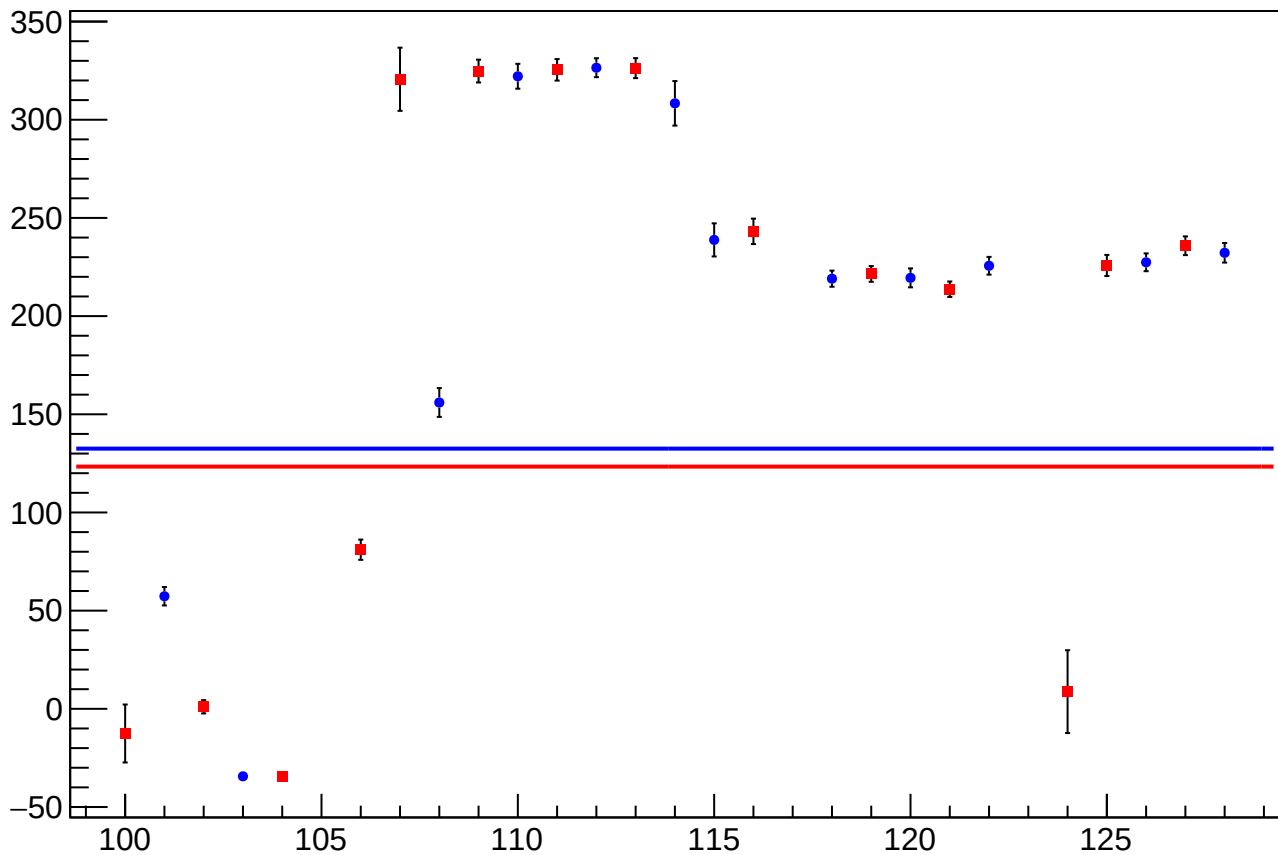
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.107+/-0.844 χ^2/NDF : 219.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 132.516 $\pm$ 1.287 χ^2 /NDF: 11051.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 123.362 $\pm$ 1.226 χ^2 /NDF: 13132.8/13

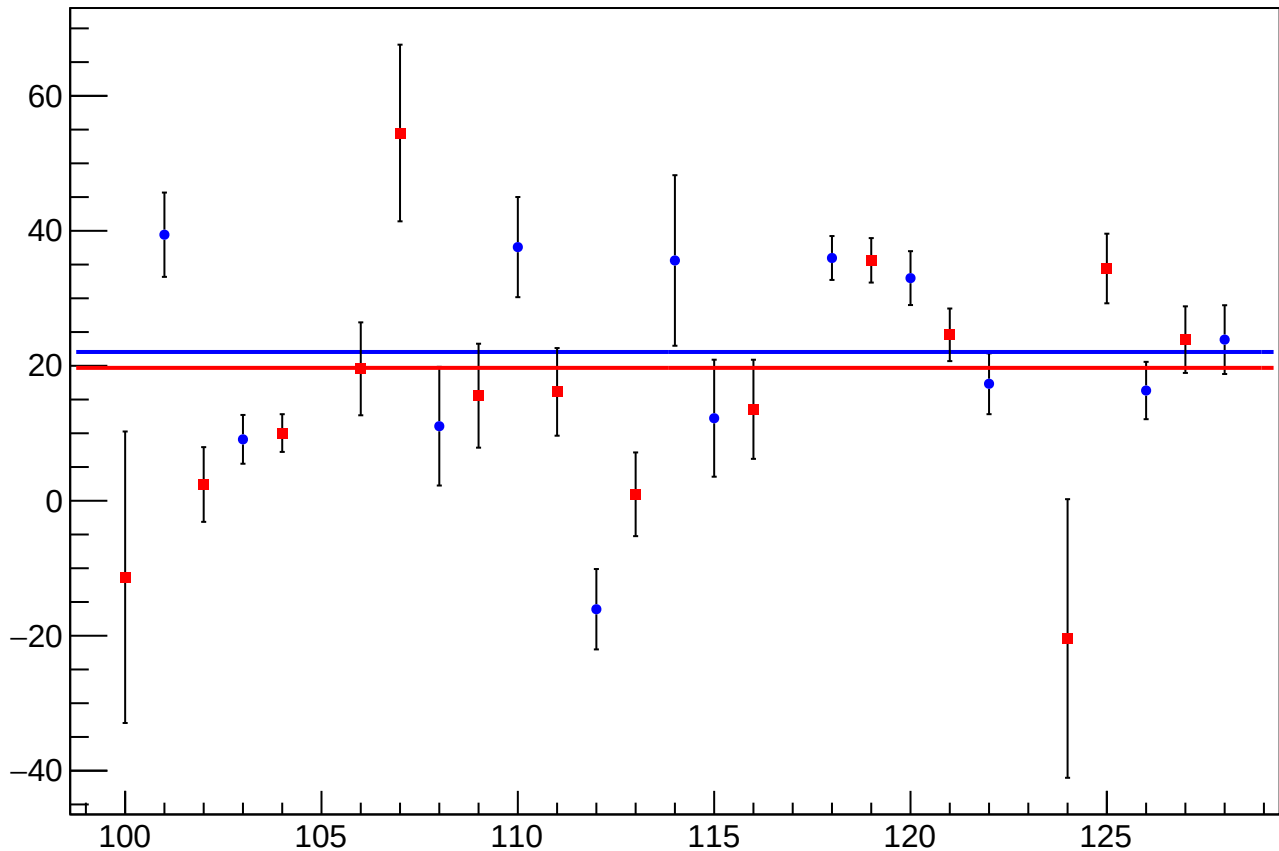
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 127.716 $\pm$ 0.888 χ^2 /NDF: 24210.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 22.048 $\pm$ 1.441 χ^2 /NDF: 98.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.693 $\pm$ 1.395 χ^2 /NDF: 78.8/13

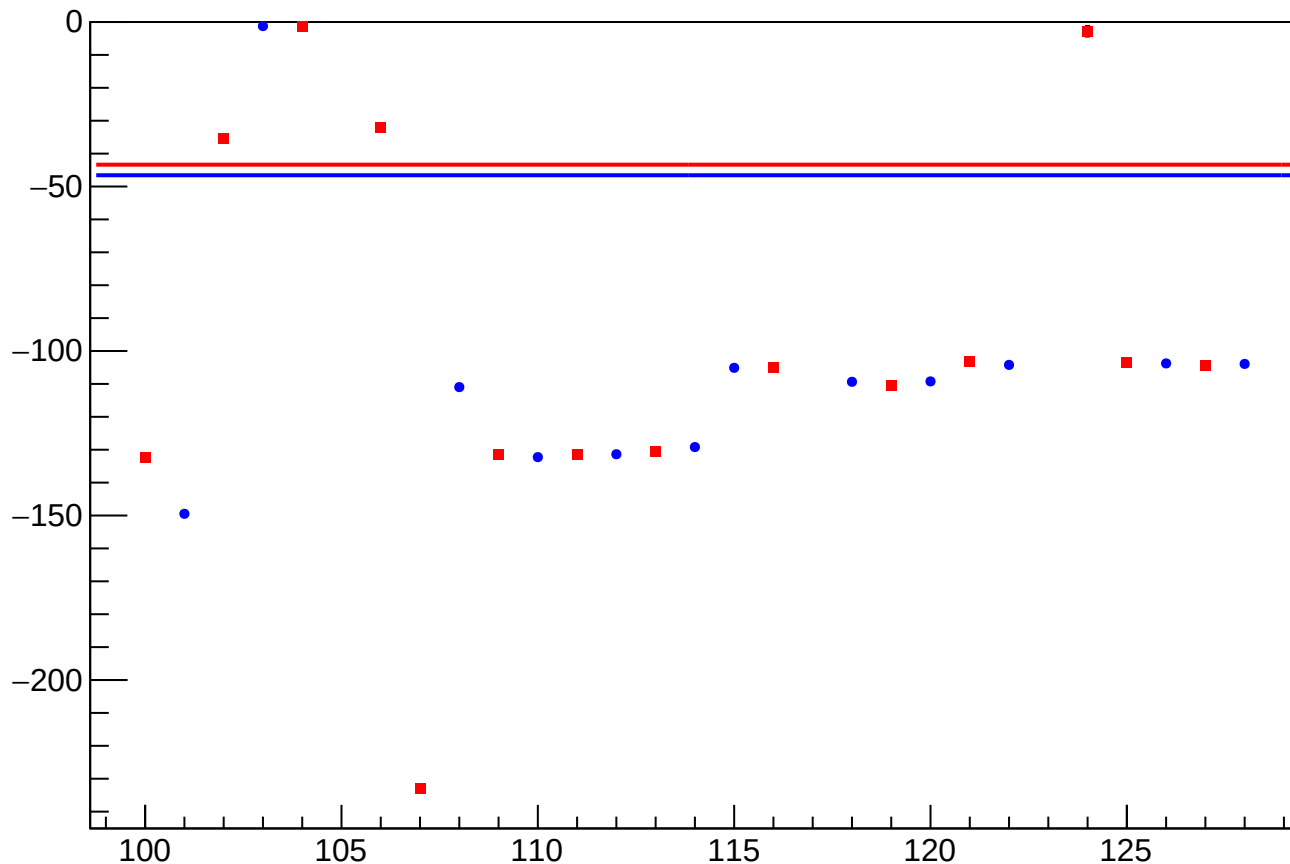
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.832 $\pm$ 1.002 χ^2 /NDF: 179.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -46.574+/-0.071 χ^2/NDF : 664978.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -43.364+/-0.067 χ^2/NDF : 539251.7/13

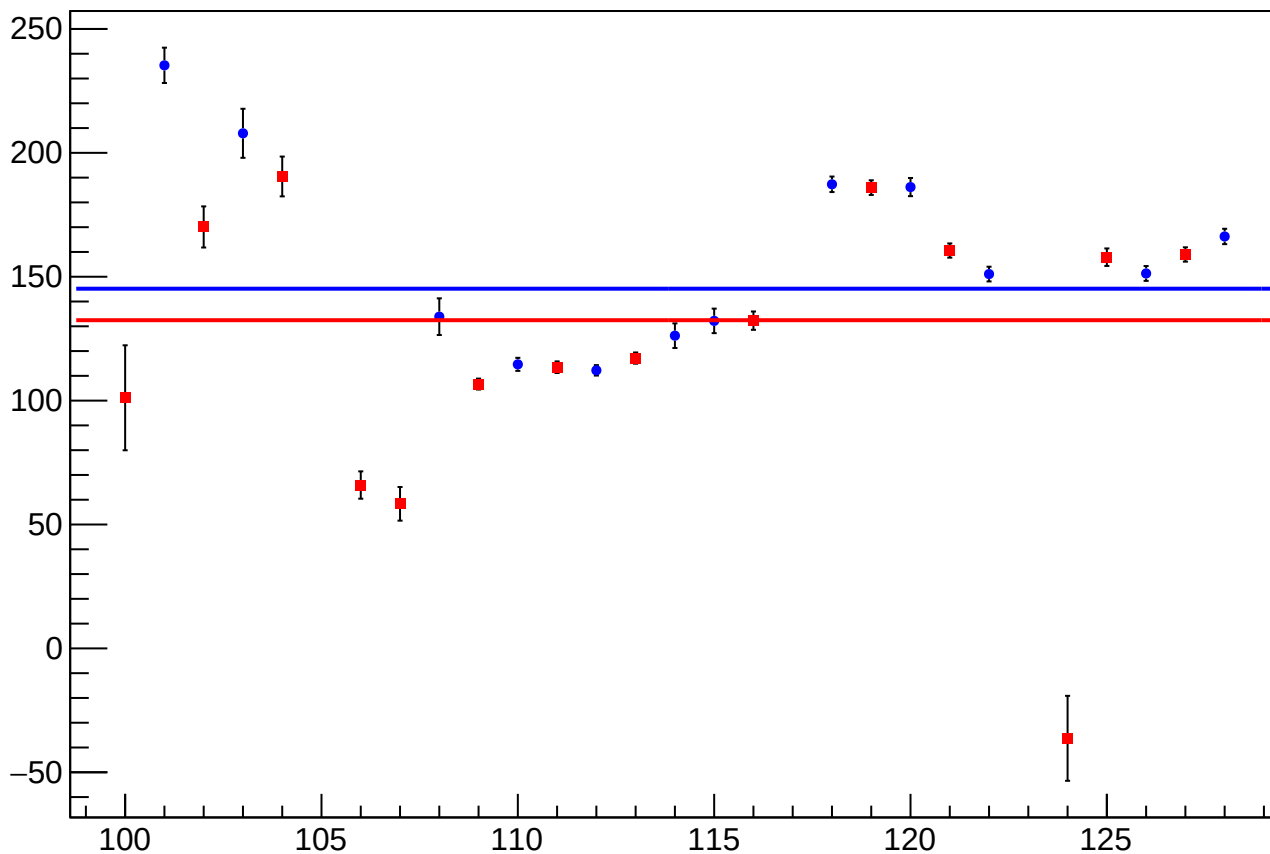
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.888+/-0.049 χ^2/NDF : 1205307.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



Right In: 145.169 $\pm$ 0.998 χ^2 /NDF: 964.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 132.459 $\pm$ 0.920 χ^2 /NDF: 1243.2/13

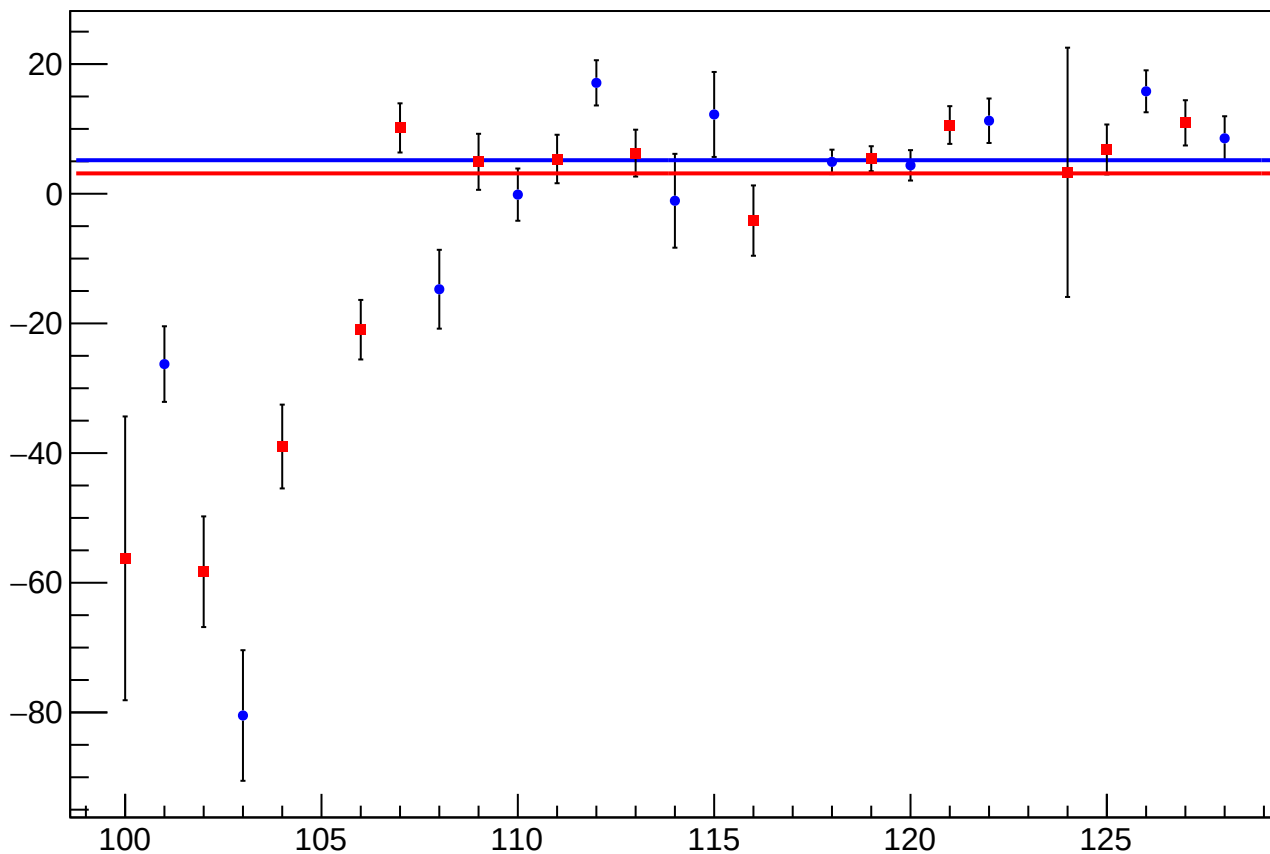
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 138.298 $\pm$ 0.676 χ^2 /NDF: 2294.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 5.171+/-1.008 χ^2/NDF : 142.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.138+/-1.035 χ^2/NDF : 149.6/13

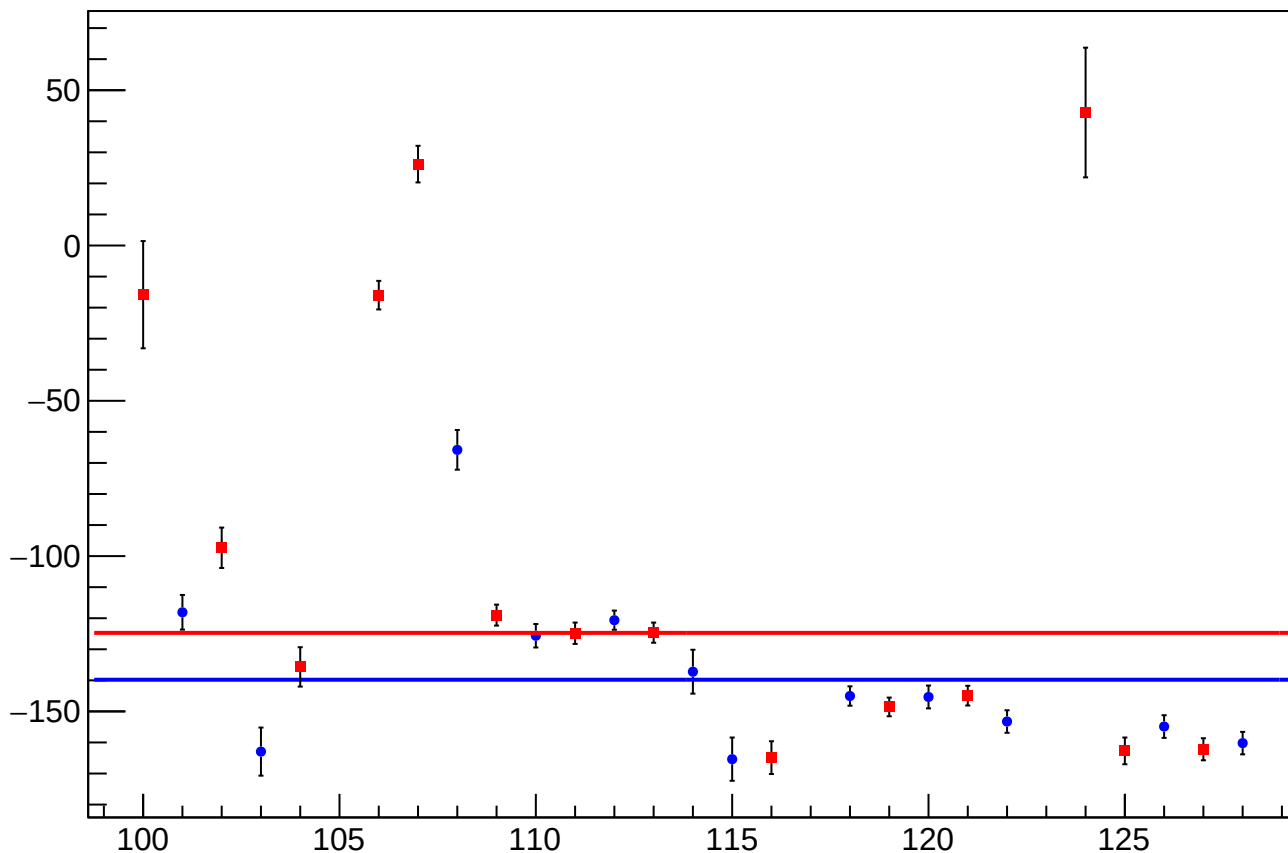
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.181+/-0.722 χ^2/NDF : 294.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -139.802 ± 1.201 χ^2/NDF : 292.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -124.719 ± 1.135 χ^2/NDF : 1693.2/13

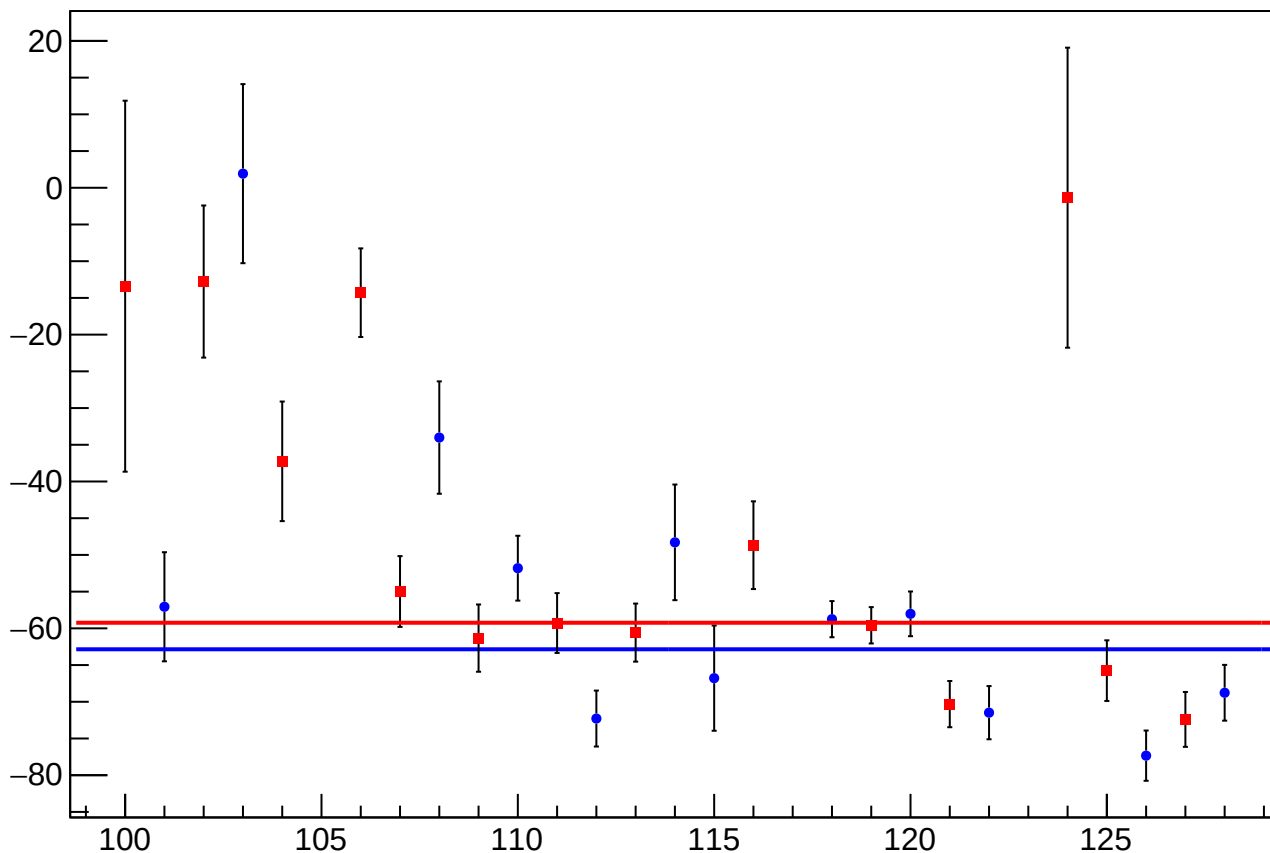
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -131.833 ± 0.825 χ^2/NDF : 2068.8/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -62.851 ± 1.194 $\chi^2/\text{NDF}: 90.4/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -59.237 ± 1.201 $\chi^2/\text{NDF}: 125.8/13$

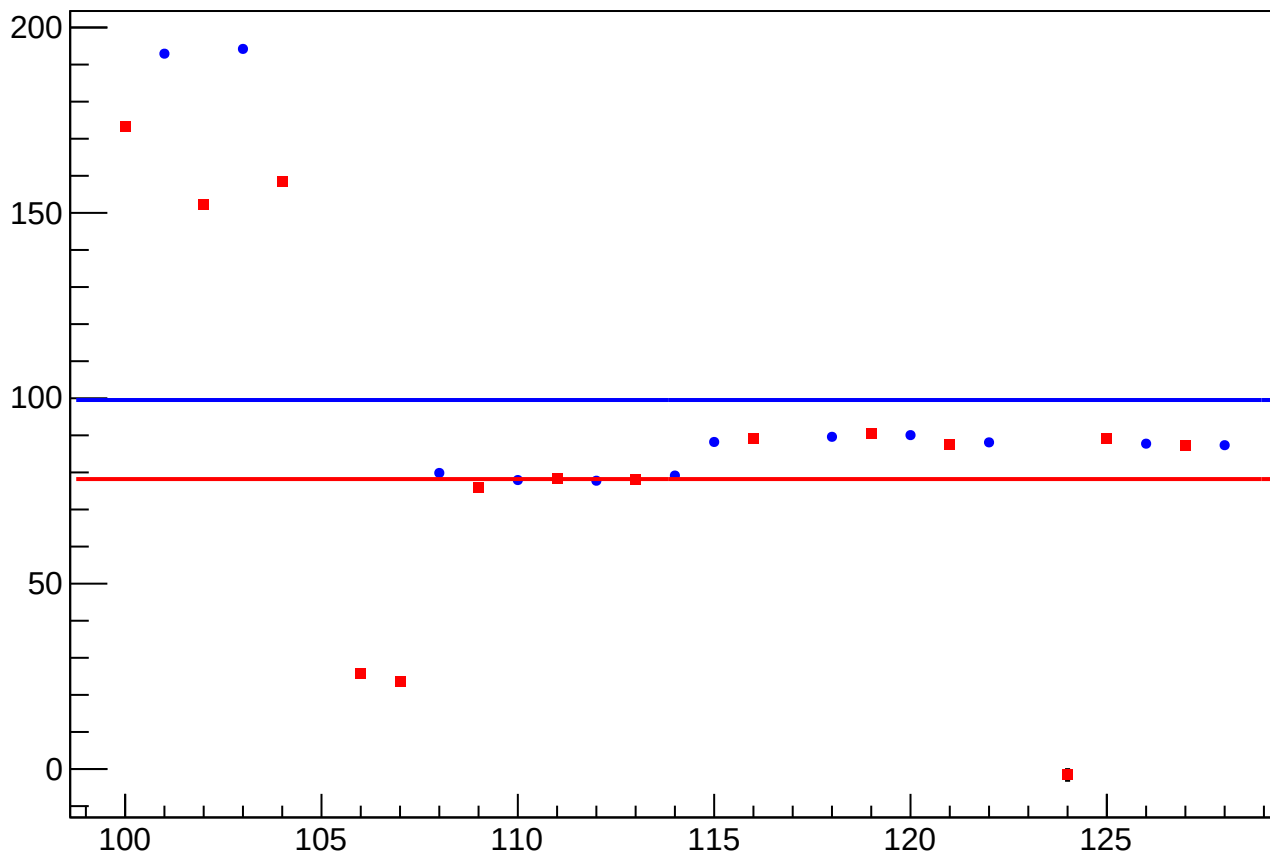
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -61.054 ± 0.847 $\chi^2/\text{NDF}: 220.8/25$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 99.530+/-0.087 χ^2/NDF : 188532.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.208+/-0.076 χ^2/NDF : 285041.0/13

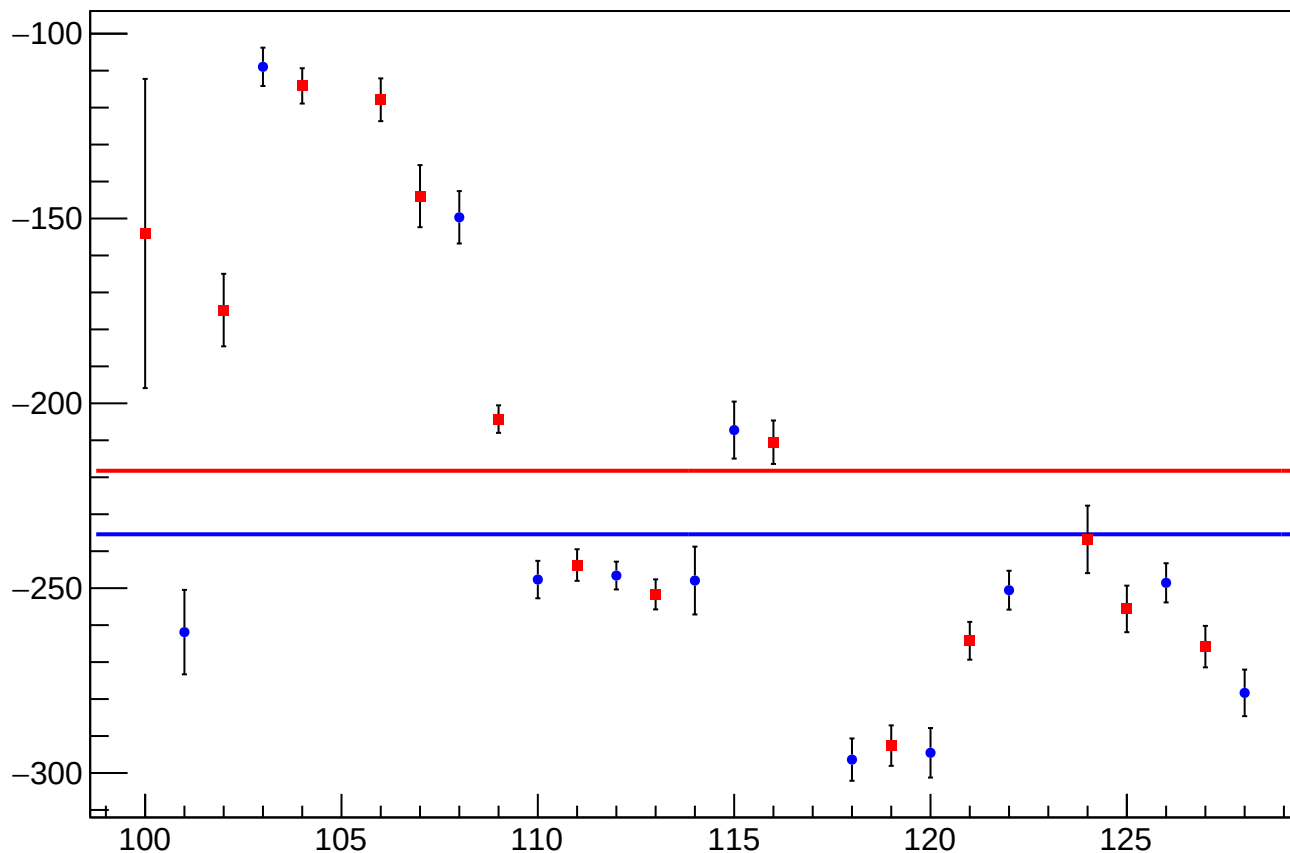
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.424+/-0.057 χ^2/NDF : 507806.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



Right In: -235.425+/-1.683 χ^2/NDF : 1029.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -218.238+/-1.481 χ^2/NDF : 1373.0/13

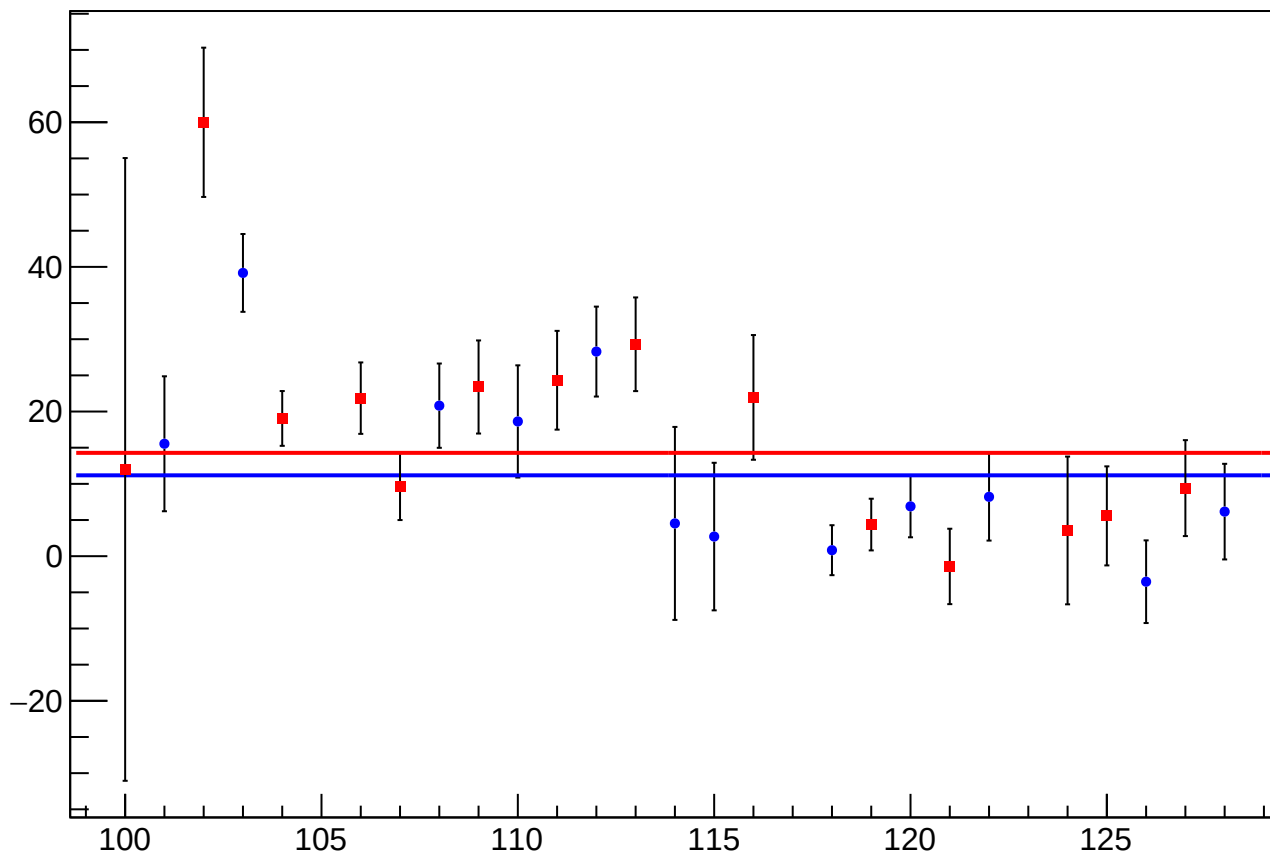
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -225.738+/-1.112 χ^2/NDF : 2460.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: 11.180 $\pm$ 1.685 χ^2 /NDF: 56.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.286 $\pm$ 1.546 χ^2 /NDF: 54.9/13

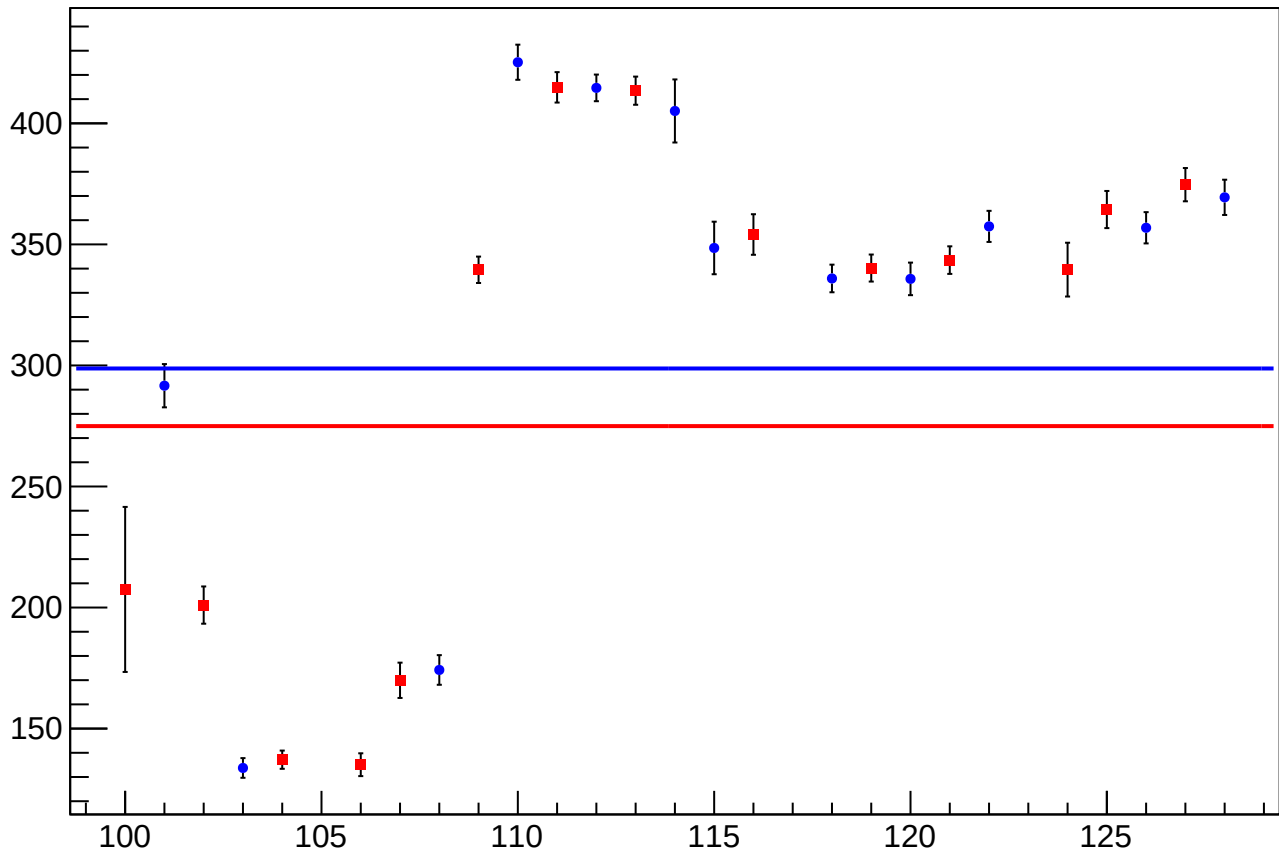
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.866 $\pm$ 1.139 χ^2 /NDF: 113.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 298.743+/-1.870 χ^2/NDF : 3227.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 274.942+/-1.657 χ^2/NDF : 4479.9/13

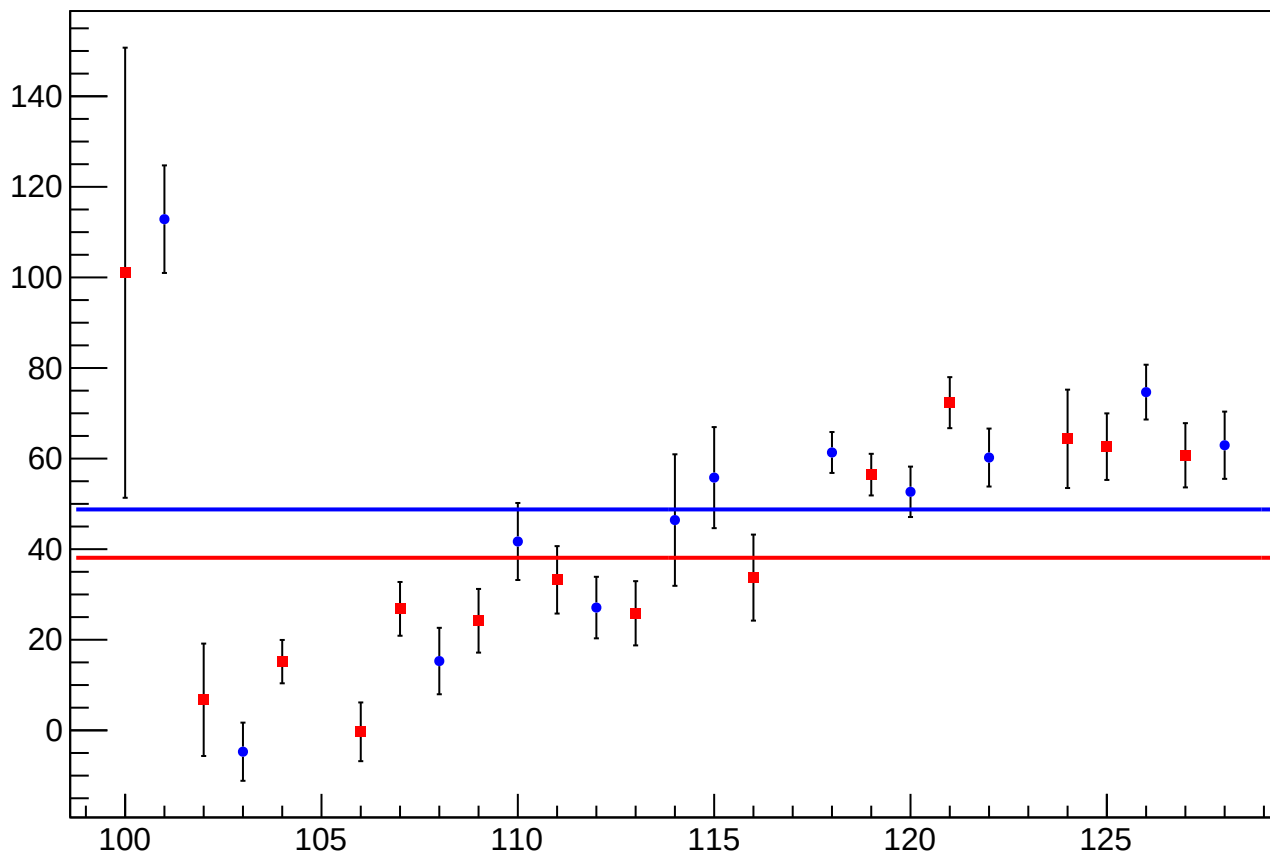
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 285.412+/-1.240 χ^2/NDF : 7798.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 48.772 $\pm$ 2.002 χ^2 /NDF: 164.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.101 $\pm$ 1.833 χ^2 /NDF: 157.3/13

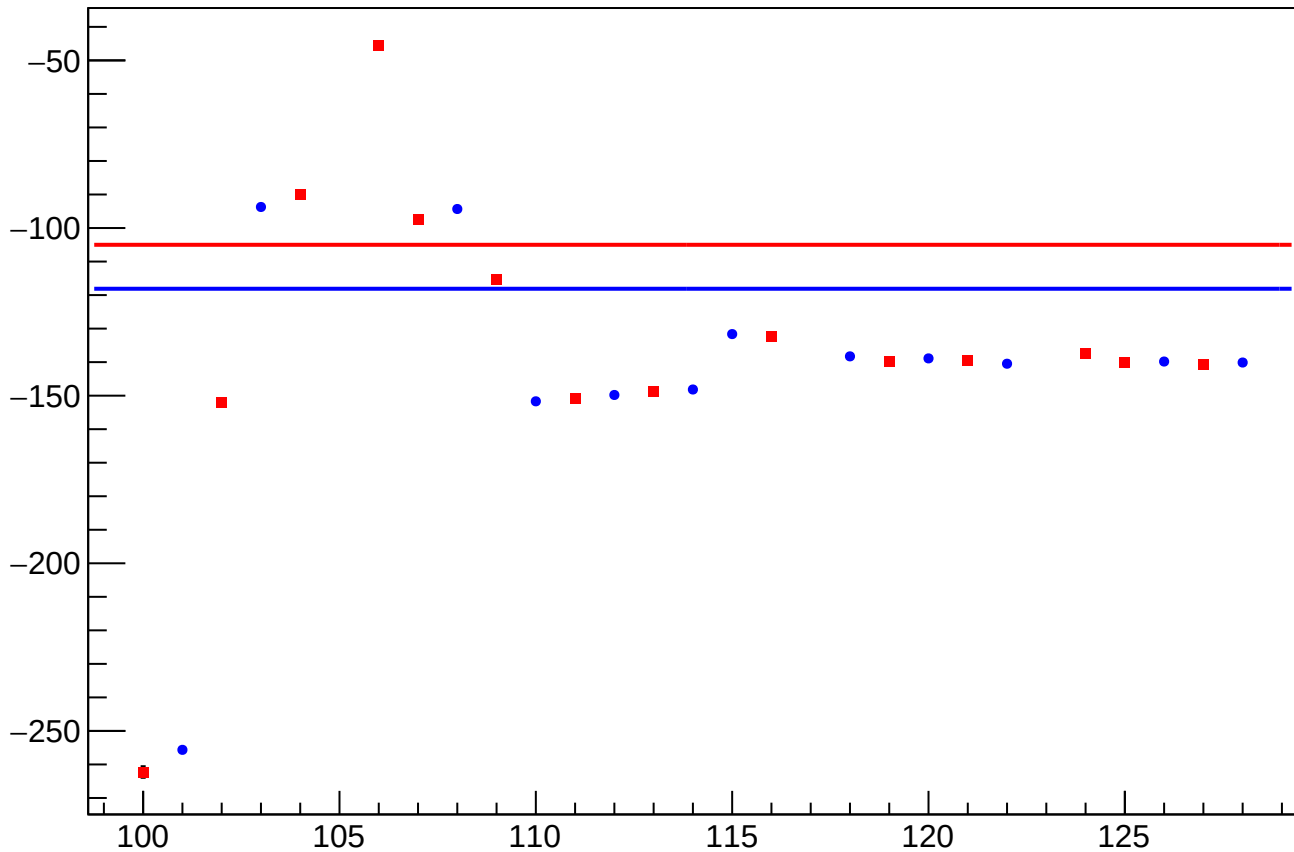
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 42.965 $\pm$ 1.352 χ^2 /NDF: 336.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -118.112 $\pm$ 0.109 χ^2 /NDF: 115183.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -105.002 $\pm$ 0.097 χ^2 /NDF: 142344.3/13

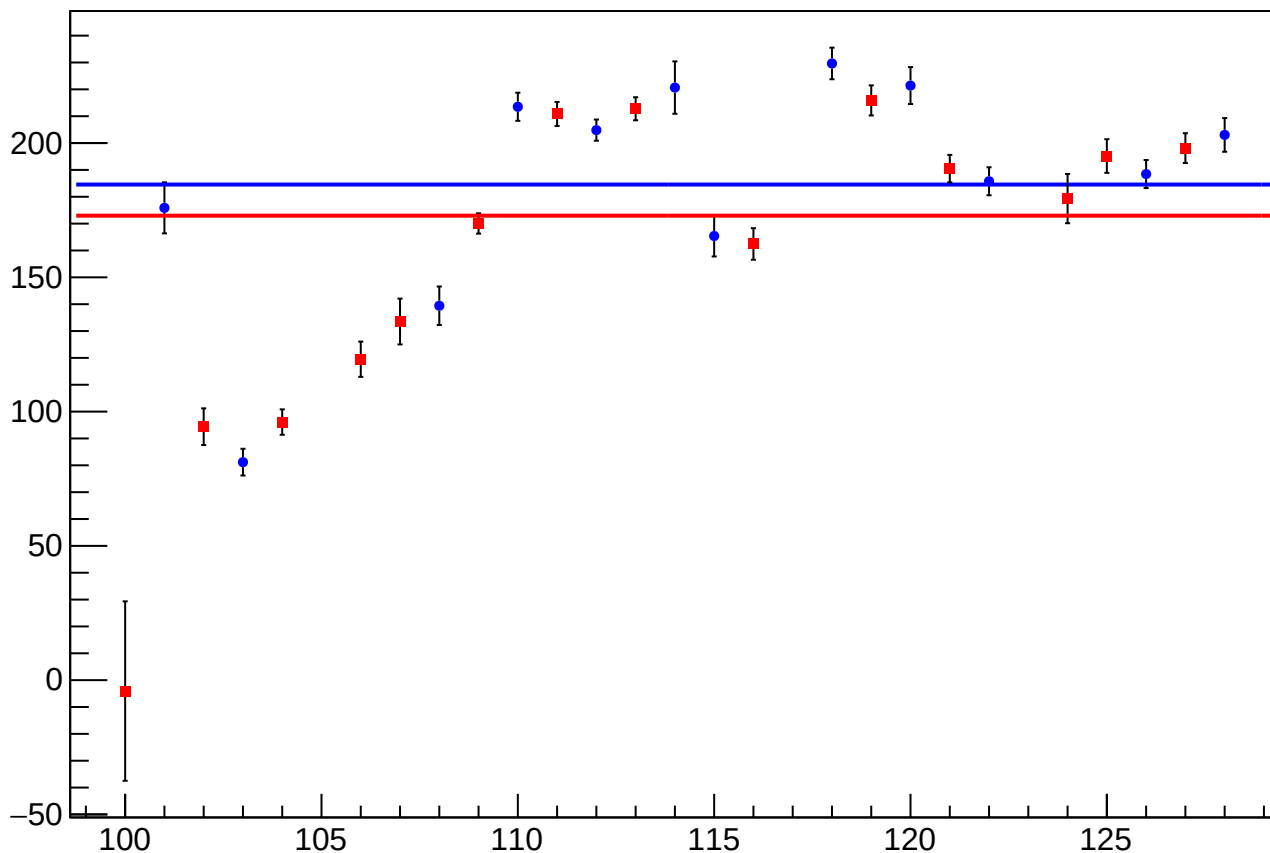
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -110.808 $\pm$ 0.073 χ^2 /NDF: 265578.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



Right In: 184.551 $\pm$ 1.693 χ^2 /NDF: 646.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 172.961 $\pm$ 1.495 χ^2 /NDF: 777.5/13

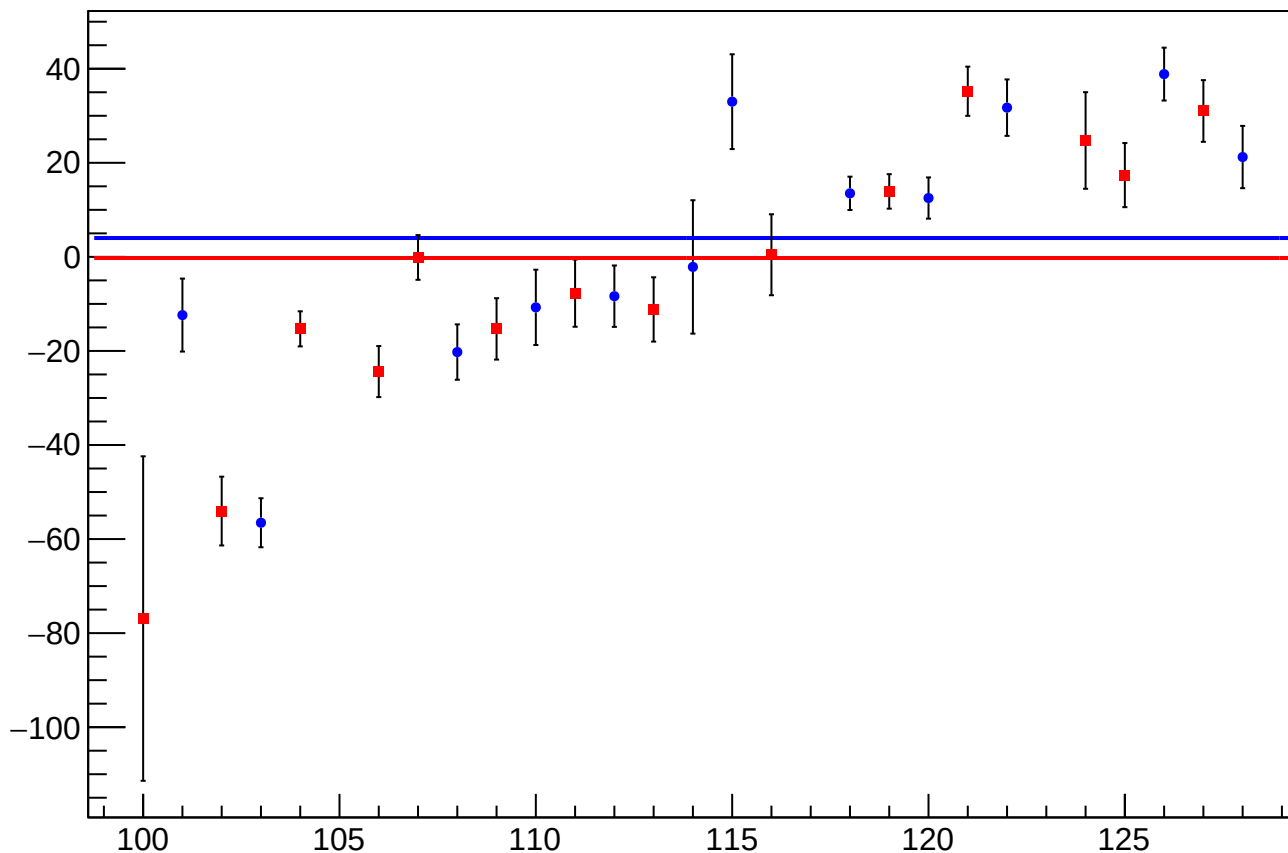
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 178.036 $\pm$ 1.121 χ^2 /NDF: 1450.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 4.010 $\pm$ 1.690 χ^2 /NDF: 249.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.237 $\pm$ 1.556 χ^2 /NDF: 200.4/13

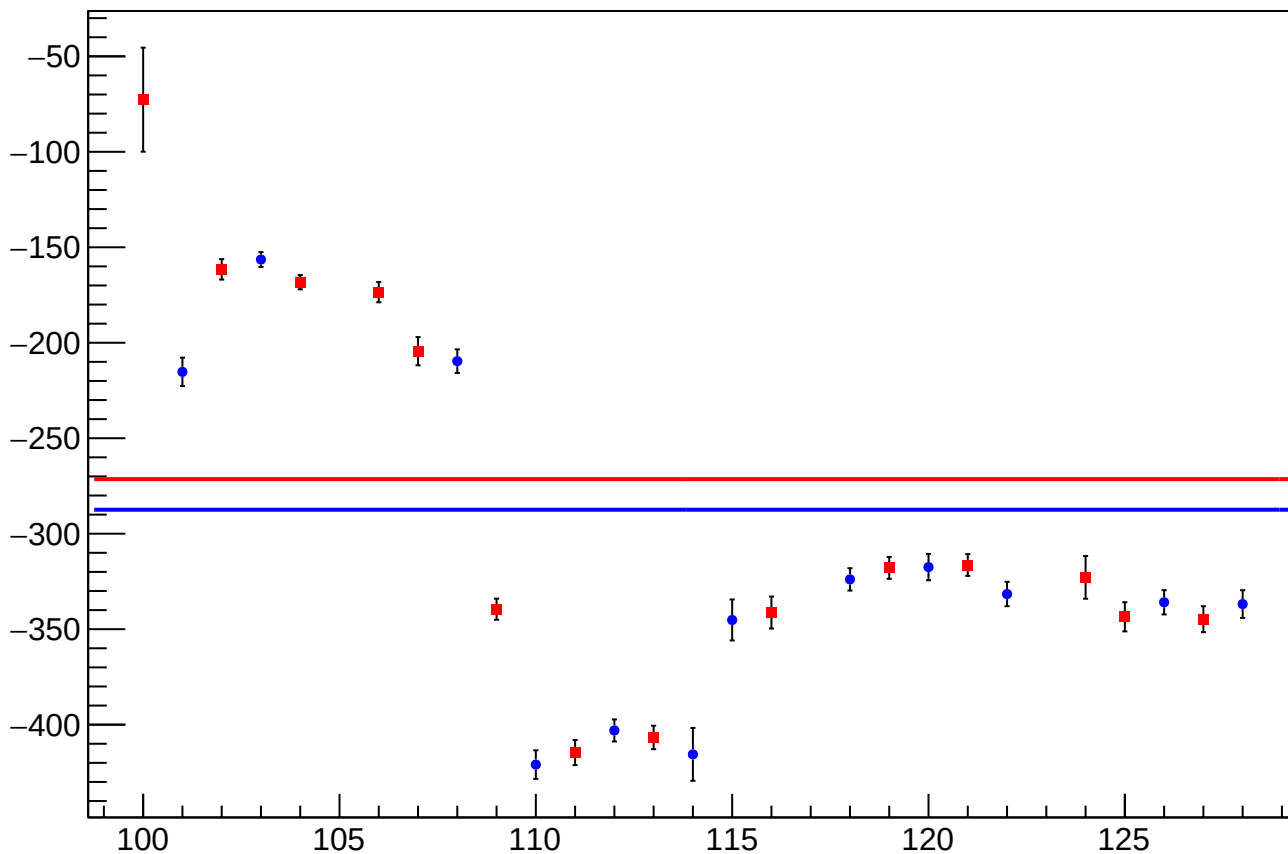
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.712 $\pm$ 1.145 χ^2 /NDF: 453.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -287.429+/-1.856 χ^2/NDF : 2421.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -271.426+/-1.652 χ^2/NDF : 3193.0/13

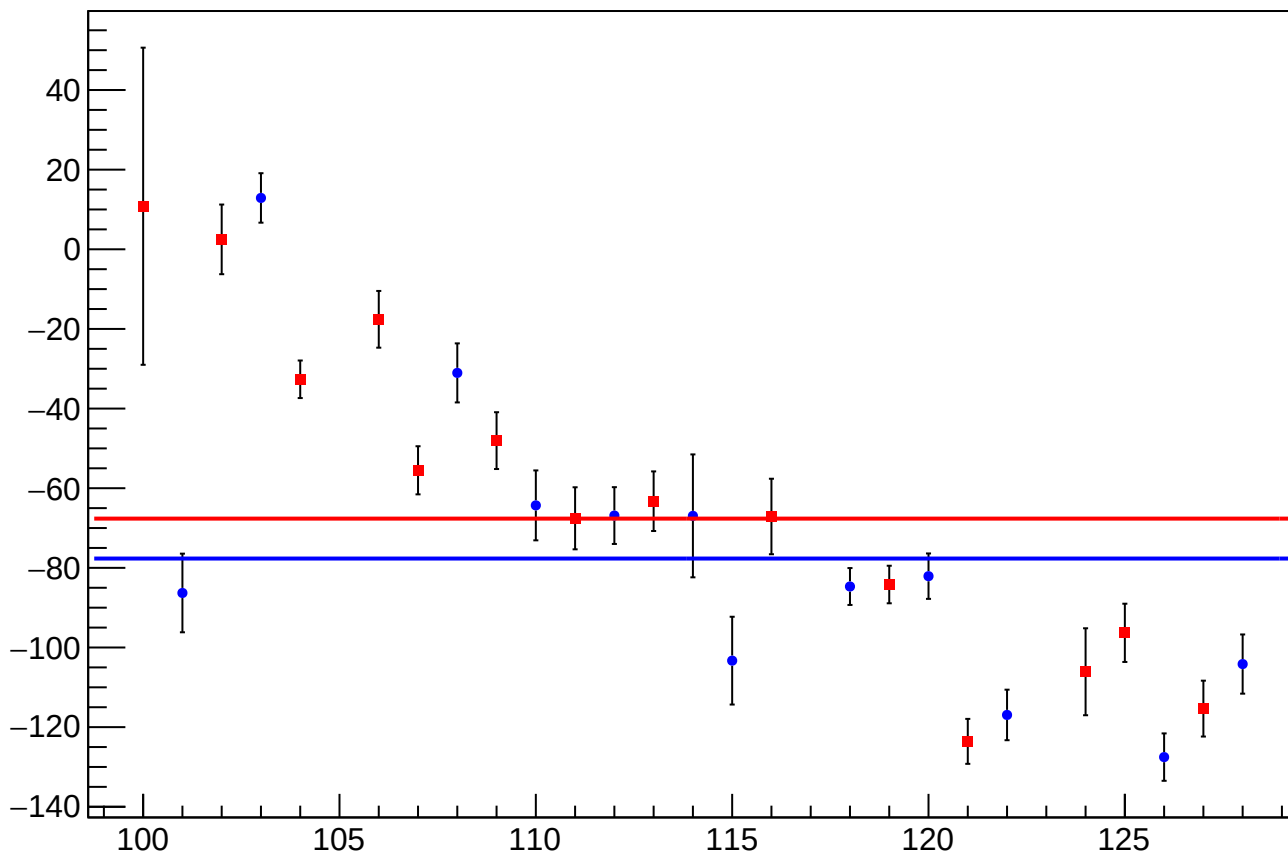
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -278.501+/-1.234 χ^2/NDF : 5656.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -77.662 ± 2.008 χ^2/NDF : 387.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -67.634 ± 1.842 χ^2/NDF : 369.1/13

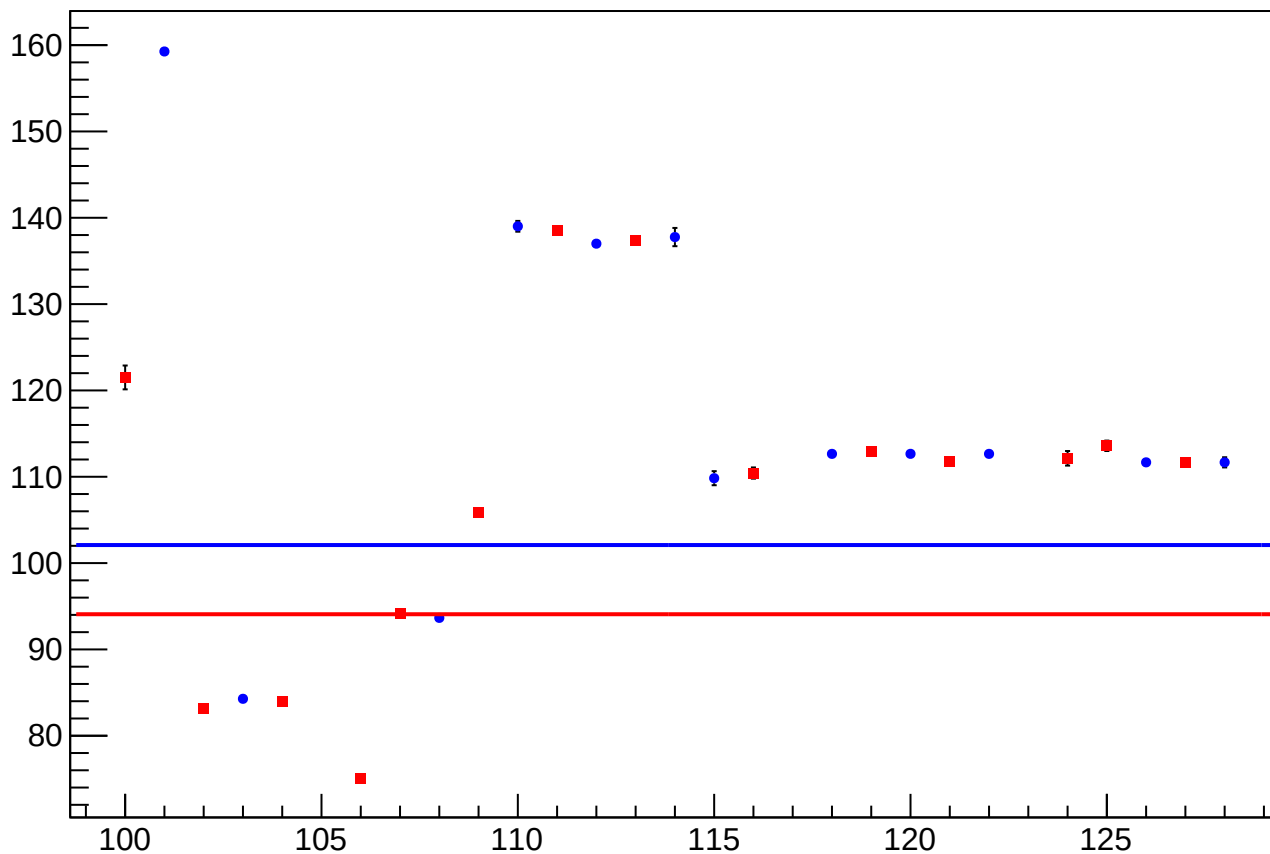
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -72.216 ± 1.358 χ^2/NDF : 770.1/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 102.091+/-0.107 χ^2/NDF : 42587.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.076+/-0.094 χ^2/NDF : 34669.1/13

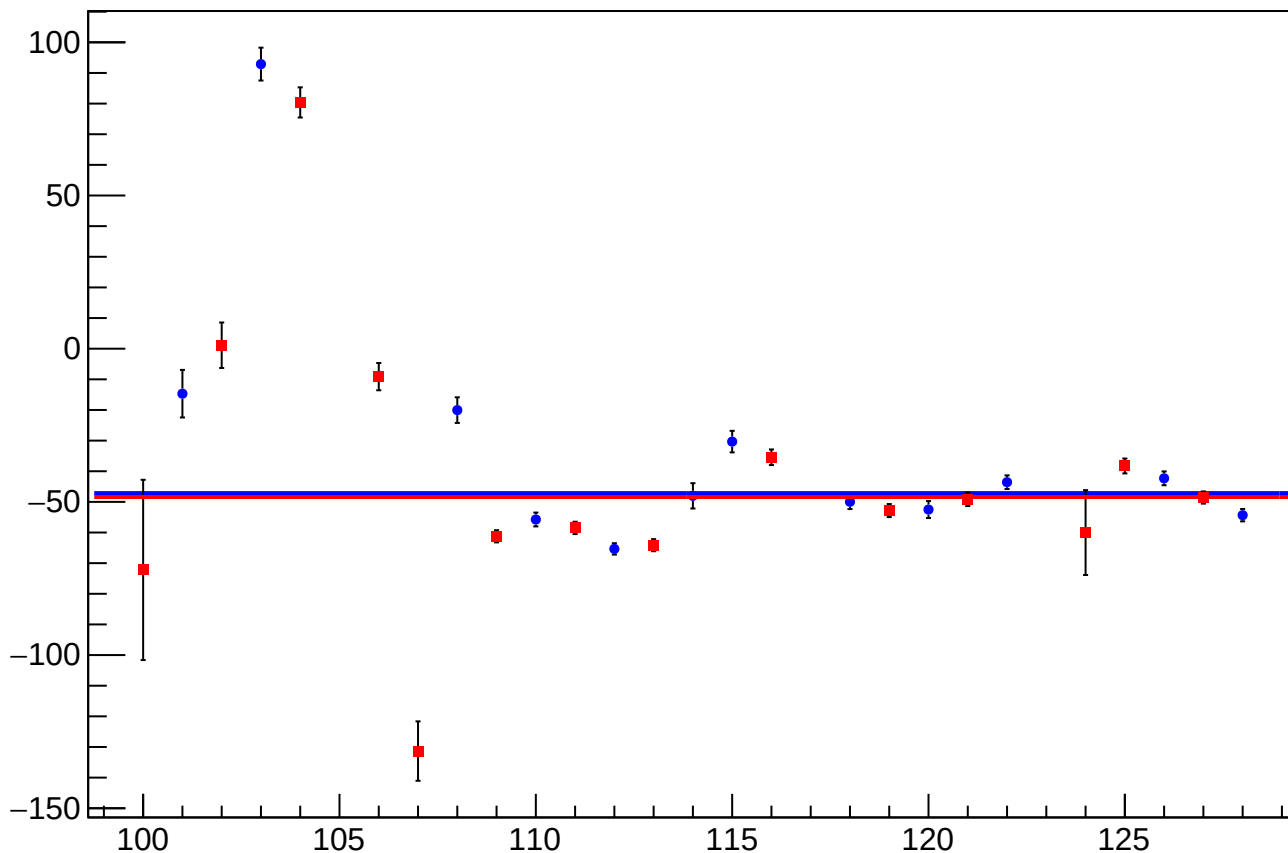
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.591+/-0.071 χ^2/NDF : 80412.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



Right In: -47.140+/-0.770 χ^2/NDF : 899.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -48.408+/-0.729 χ^2/NDF : 1059.0/13

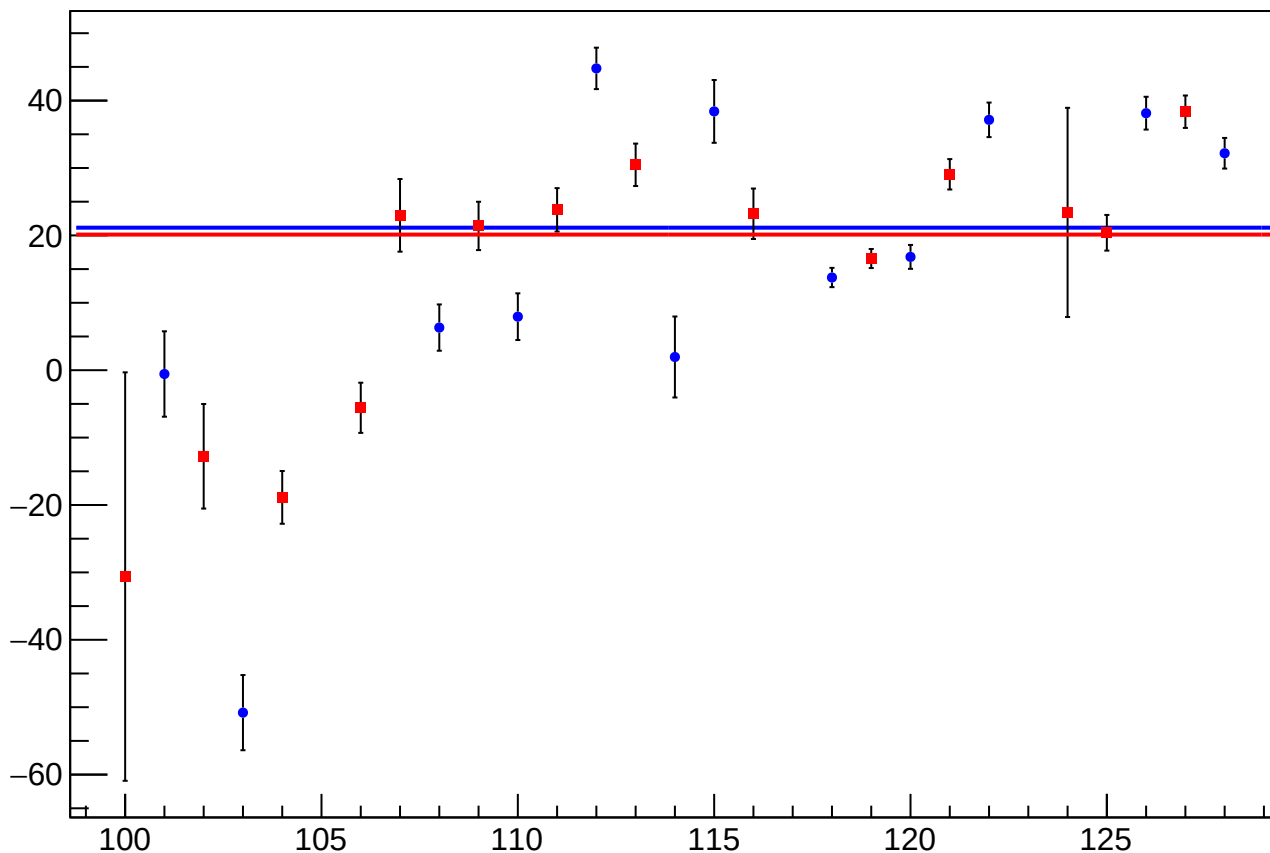
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.809+/-0.529 χ^2/NDF : 1960.0/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 21.145 $\pm$ 0.761 χ^2 /NDF: 438.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 20.120 $\pm$ 0.802 χ^2 /NDF: 260.5/13

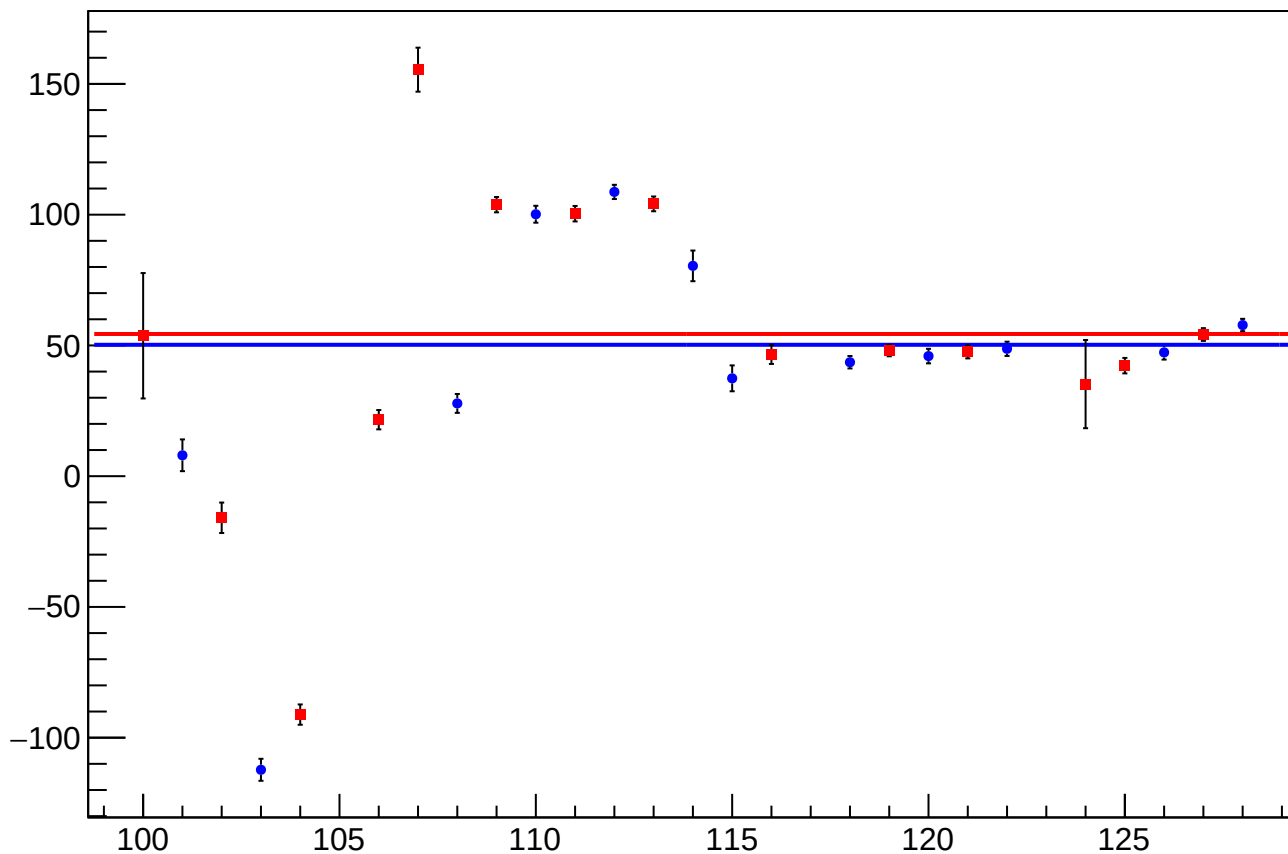
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.660 $\pm$ 0.552 χ^2 /NDF: 699.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 50.245+/-0.908 χ^2/NDF : 2334.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.376+/-0.885 χ^2/NDF : 2647.2/13

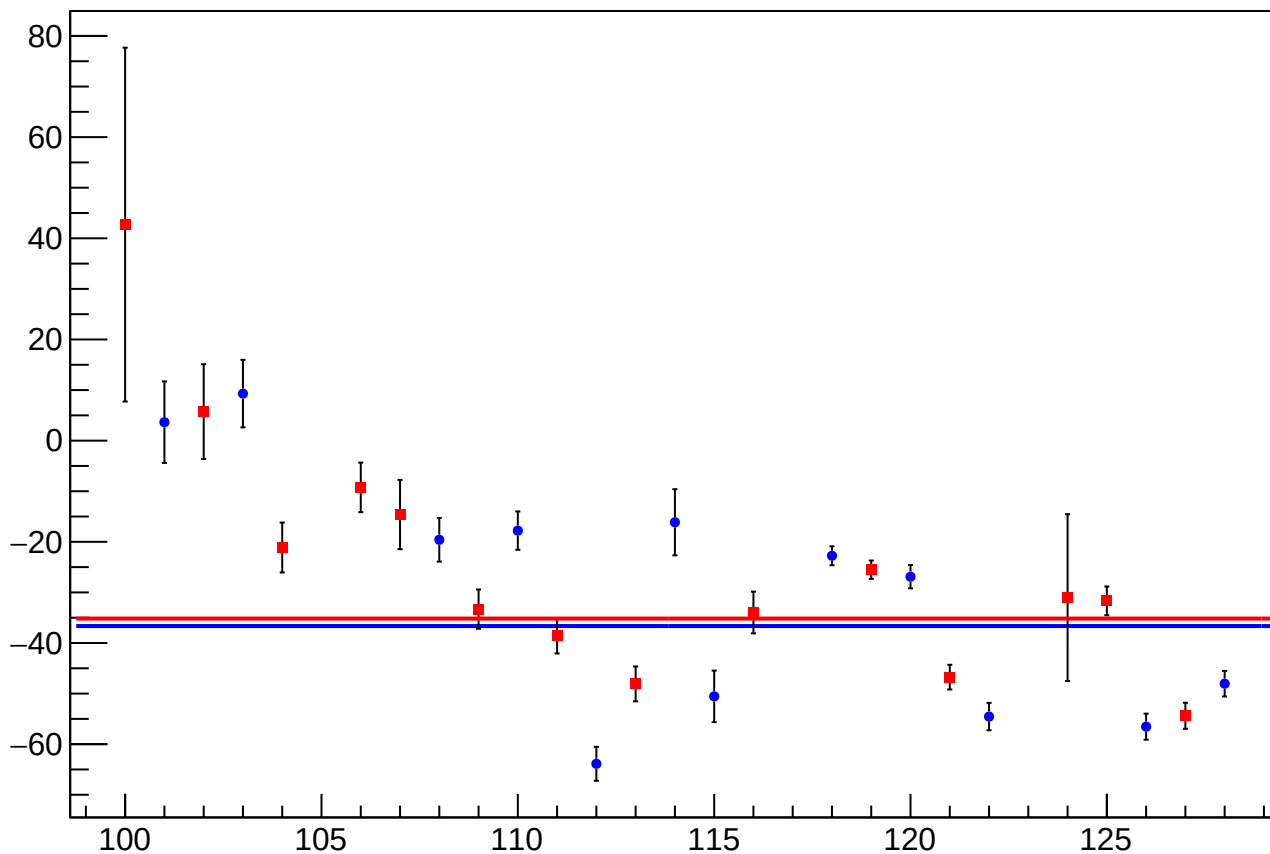
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.363+/-0.634 χ^2/NDF : 4992.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -36.648 ± 0.902 χ^2/NDF : 392.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.168 ± 0.930 χ^2/NDF : 192.6/13

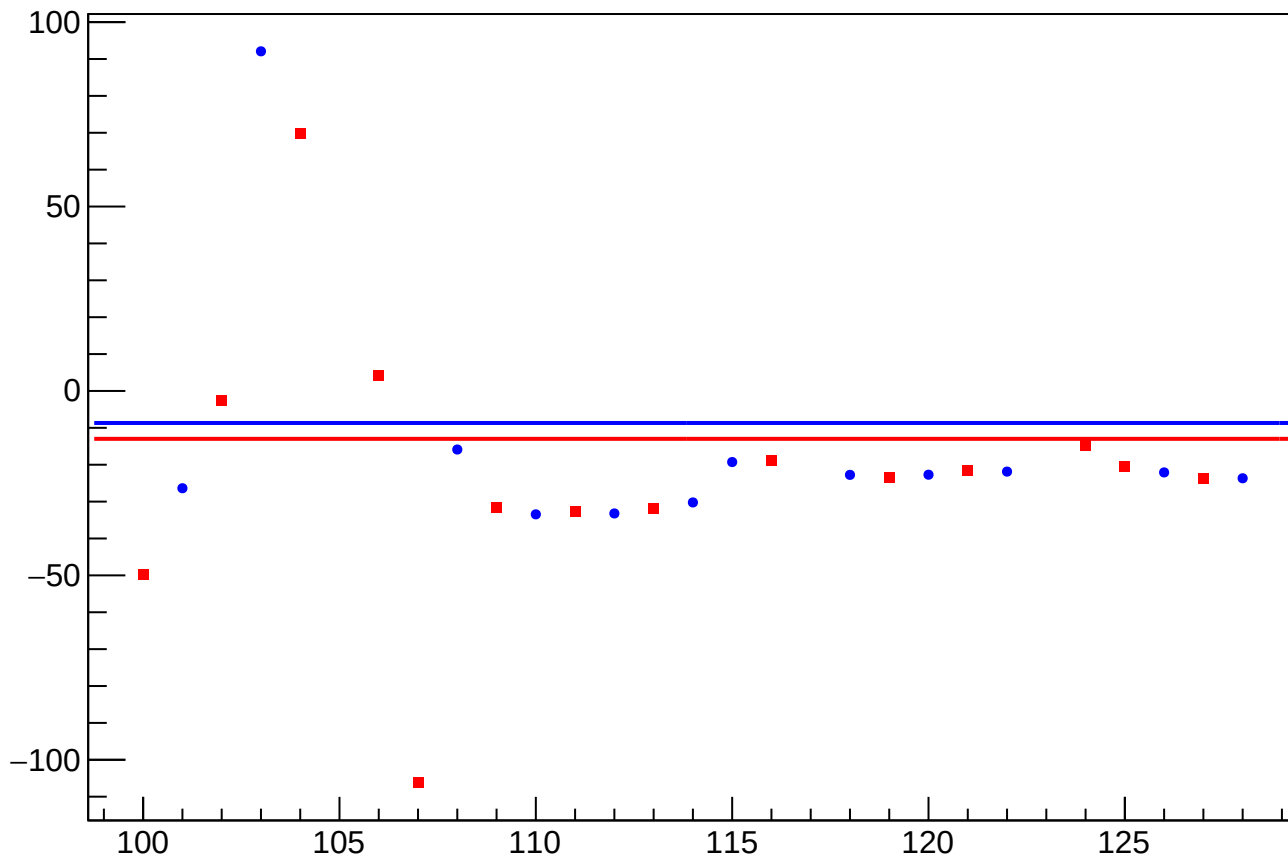
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.931 ± 0.647 χ^2/NDF : 586.6/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -8.681 ± 0.063 χ^2/NDF : 379252.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -12.981 ± 0.061 χ^2/NDF : 314737.3/13

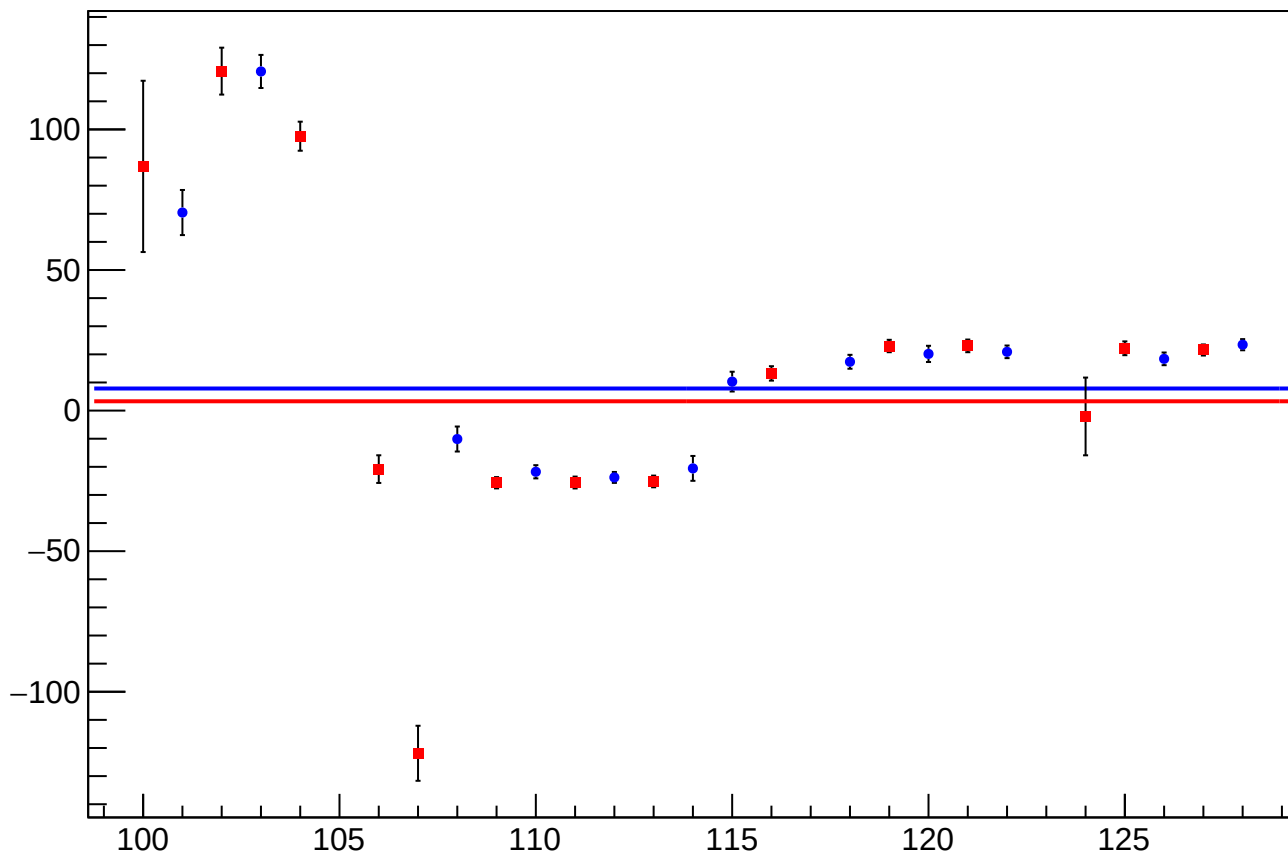
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -10.872 ± 0.044 χ^2/NDF : 696396.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: 7.858+/-0.789 χ^2/NDF : 1059.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.311+/-0.747 χ^2/NDF : 1624.1/13

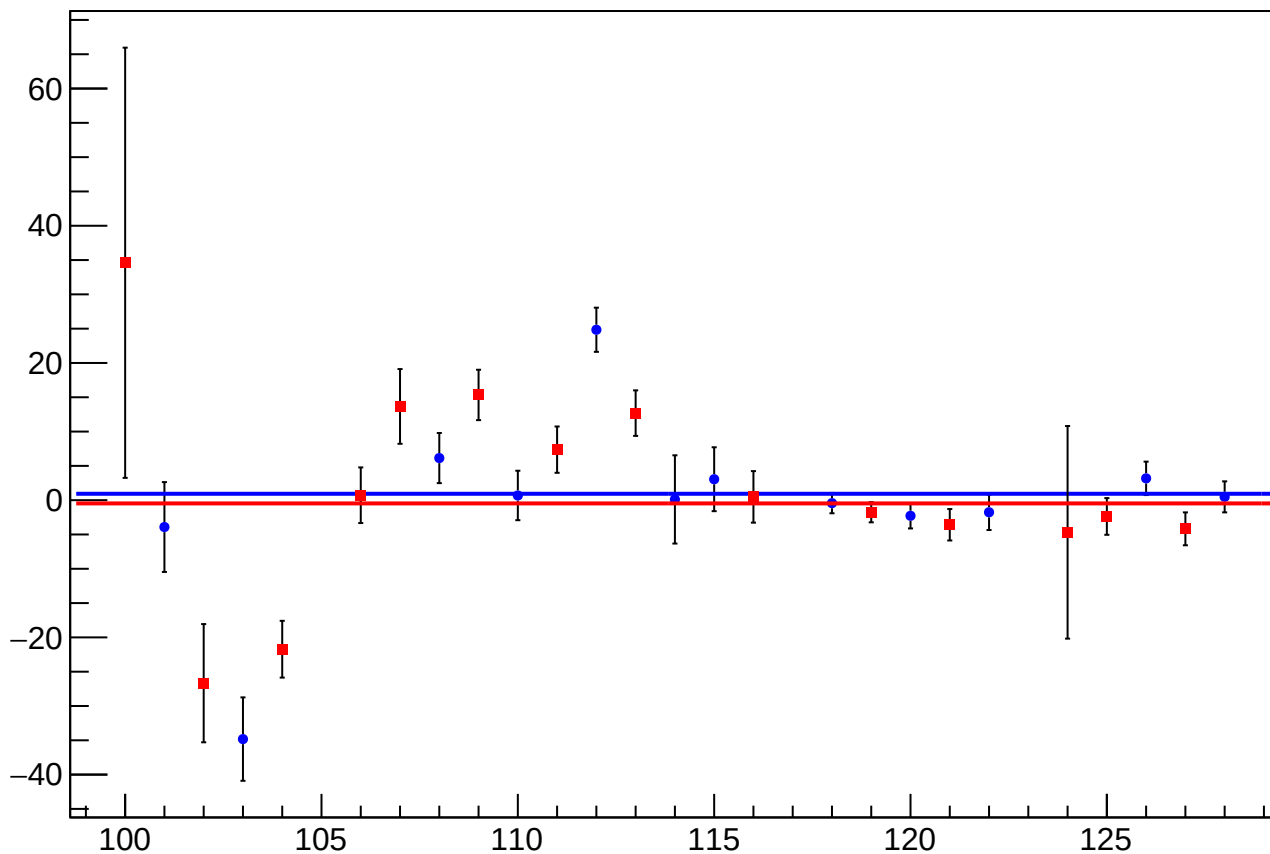
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.461+/-0.543 χ^2/NDF : 2701.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: 0.932 ± 0.783 $\chi^2/\text{NDF}: 98.4/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.473 ± 0.827 $\chi^2/\text{NDF}: 89.0/13$

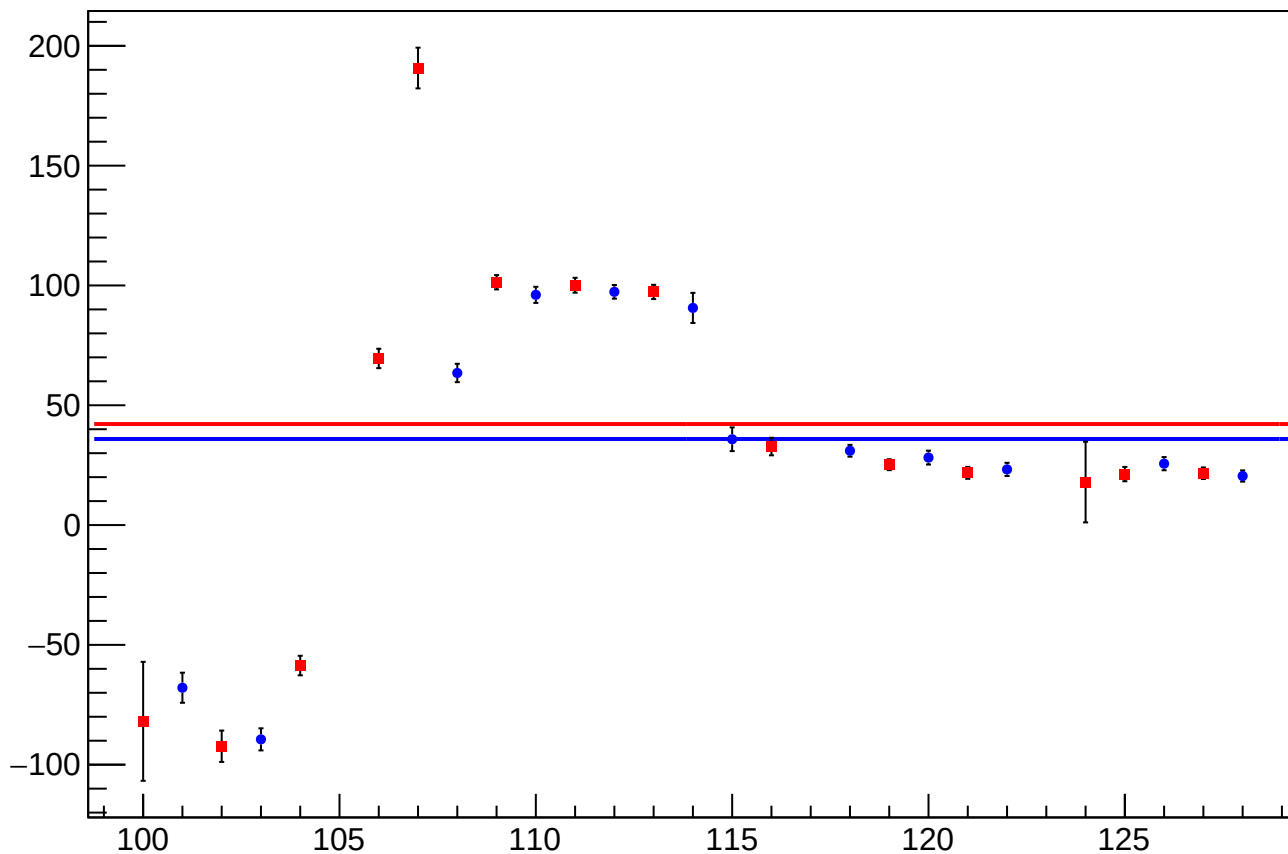
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.269 ± 0.569 $\chi^2/\text{NDF}: 188.9/25$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 35.923+/-0.932 χ^2 /NDF: 2013.8/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 42.165+/-0.912 χ^2 /NDF: 2745.3/13

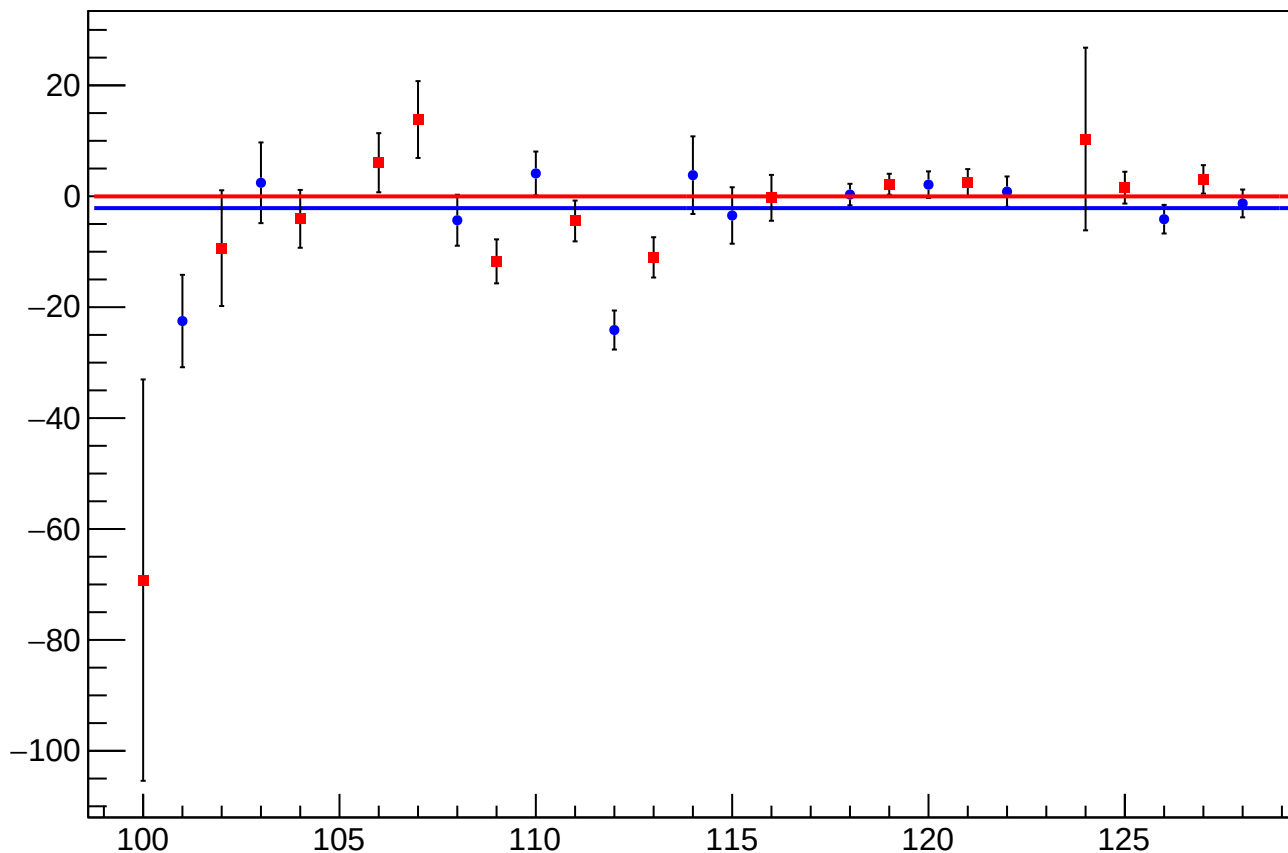
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 39.114+/-0.652 χ^2 /NDF: 4782.0/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -2.137 ± 0.925 χ^2/NDF : 55.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.022 ± 0.956 χ^2/NDF : 34.1/13

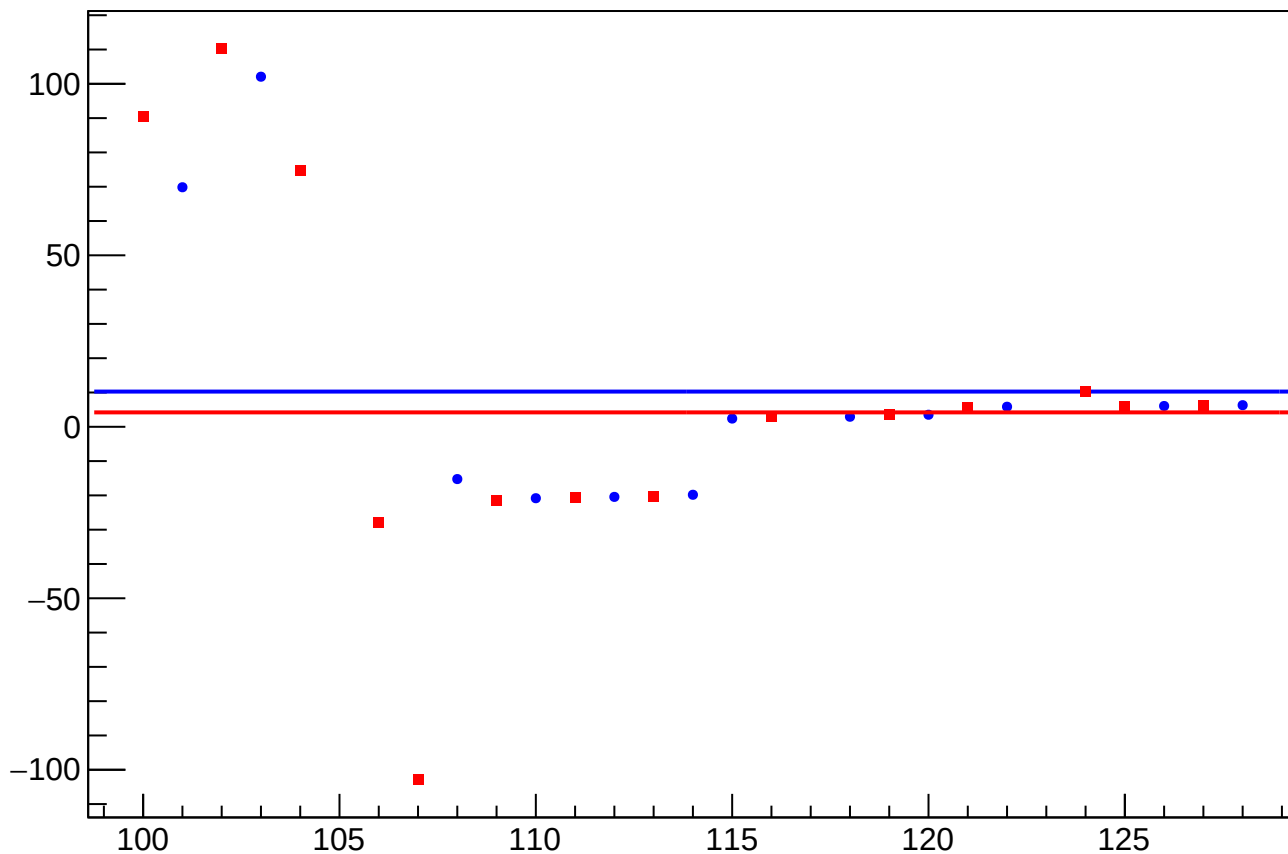
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.113 ± 0.665 χ^2/NDF : 92.2/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 10.269+/-0.065 χ^2/NDF : 315727.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.202+/-0.064 χ^2/NDF : 434386.2/13

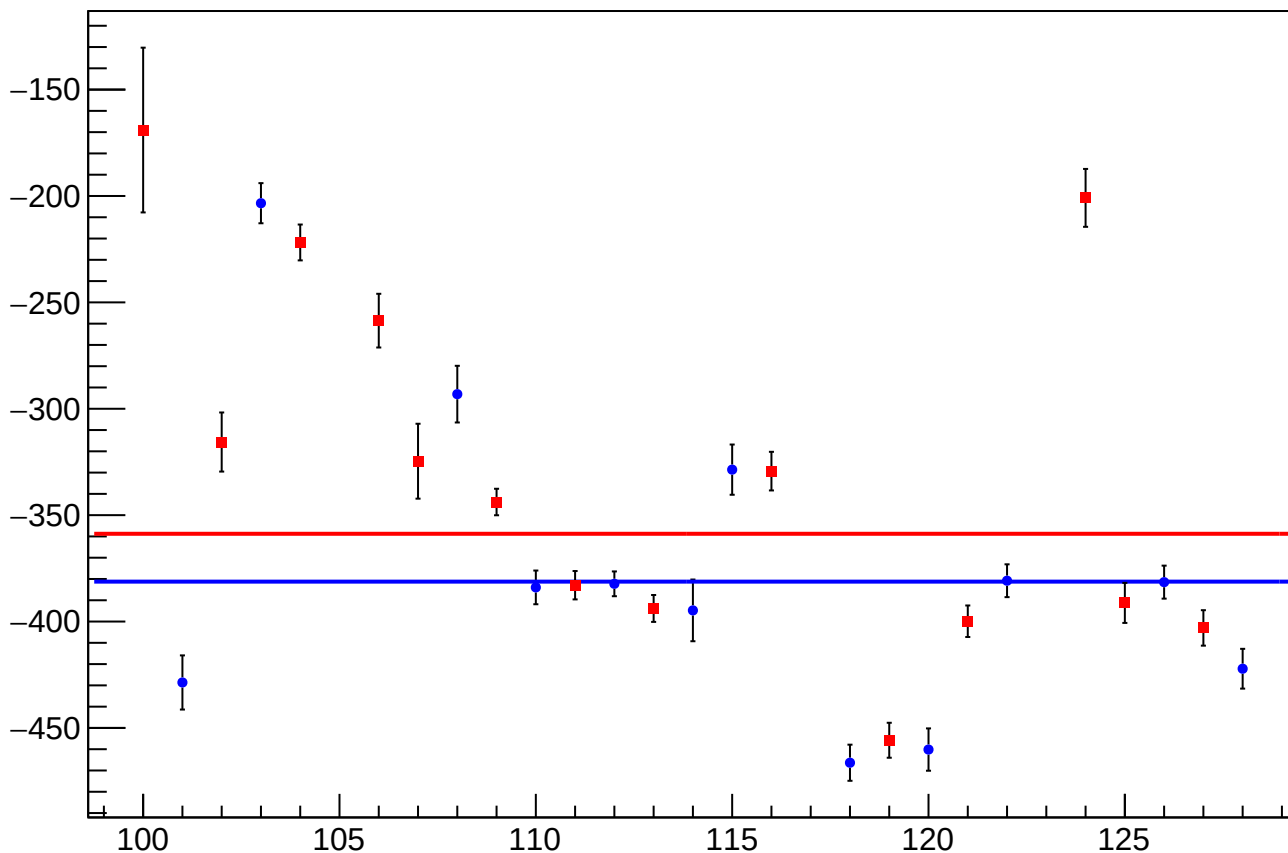
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.187+/-0.046 χ^2/NDF : 754541.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



Right In: -381.240 $\pm$ 2.588 χ^2 /NDF: 617.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -358.755 $\pm$ 2.363 χ^2 /NDF: 769.9/13

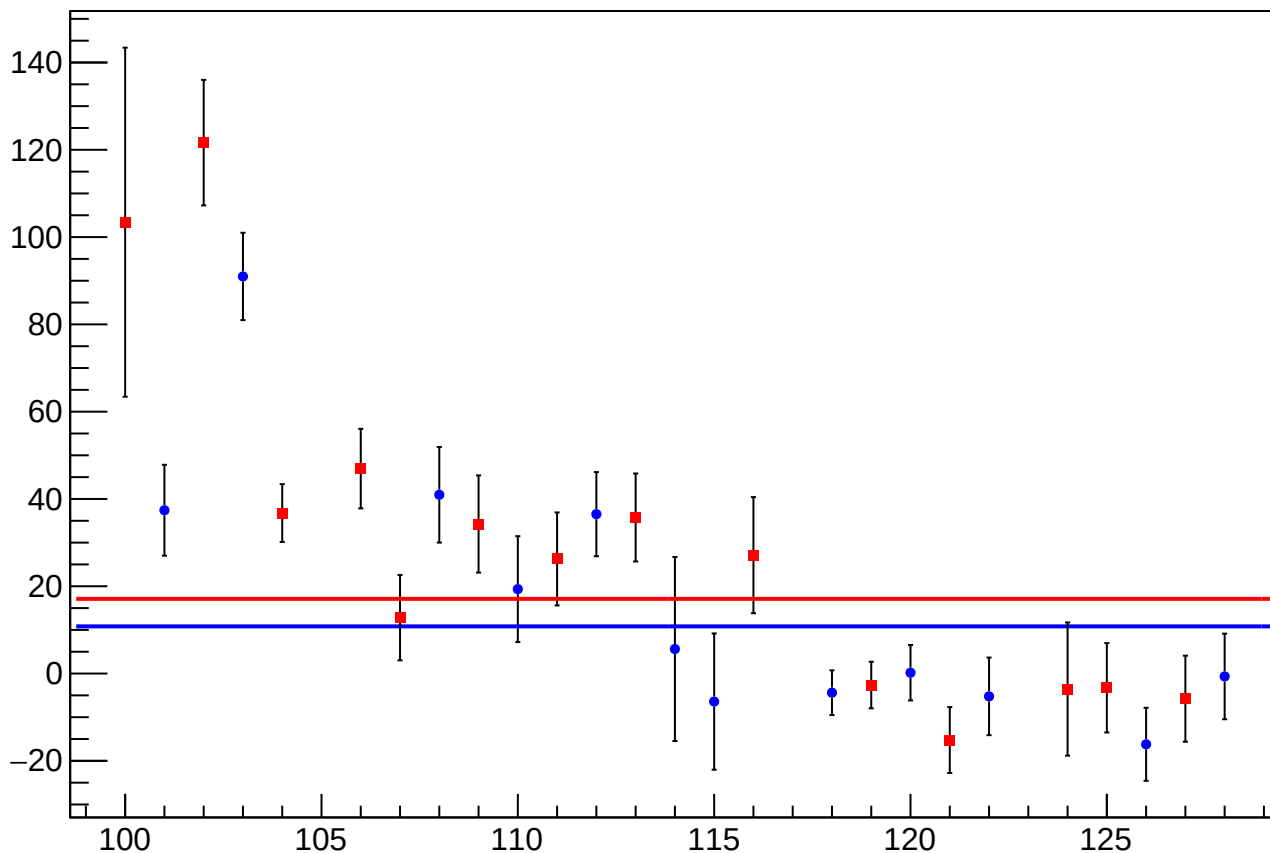
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -368.979 $\pm$ 1.745 χ^2 /NDF: 1428.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: 10.808 $\pm$ 2.567 χ^2 /NDF: 114.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.117 $\pm$ 2.501 χ^2 /NDF: 127.5/13

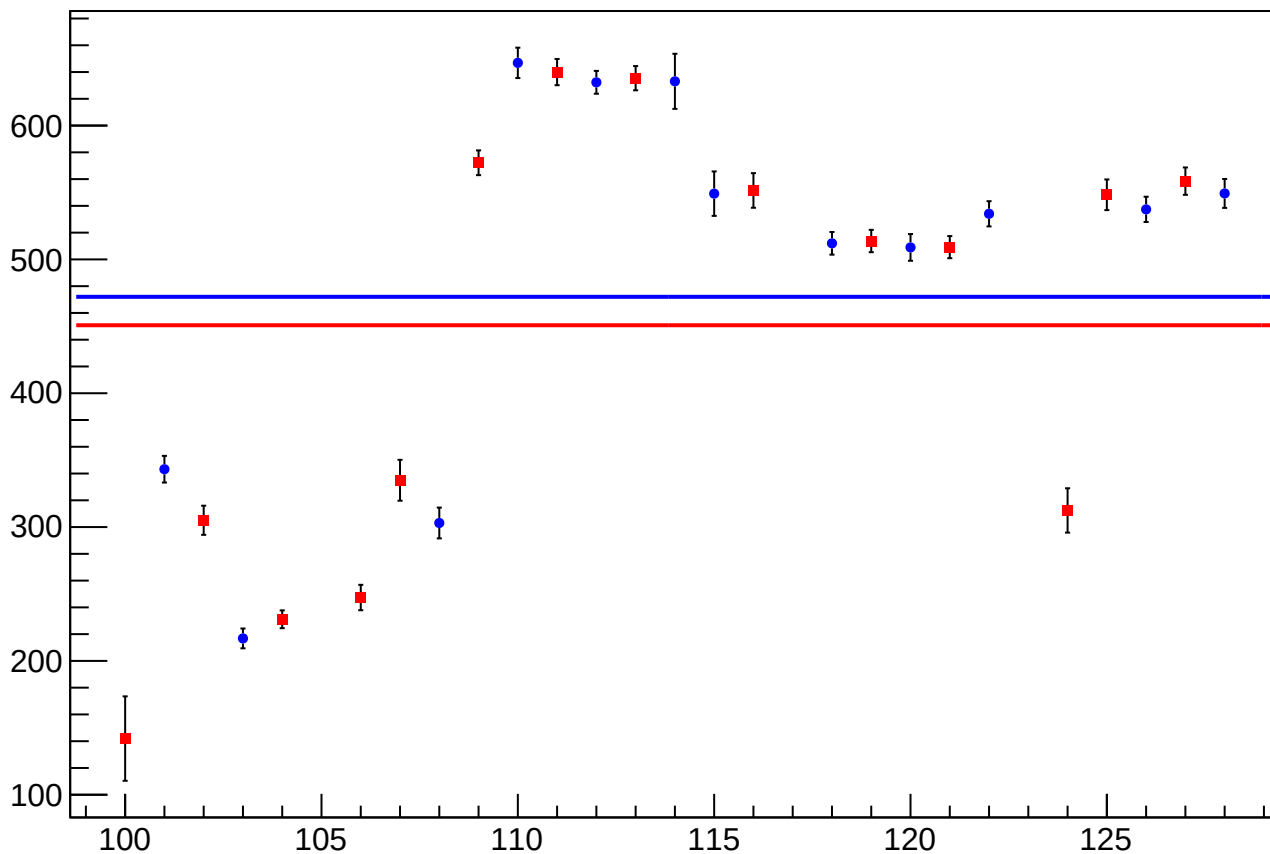
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.044 $\pm$ 1.791 χ^2 /NDF: 244.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 472.049 $\pm$ 2.906 χ^2 /NDF: 2424.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 450.803 $\pm$ 2.696 χ^2 /NDF: 3266.3/13

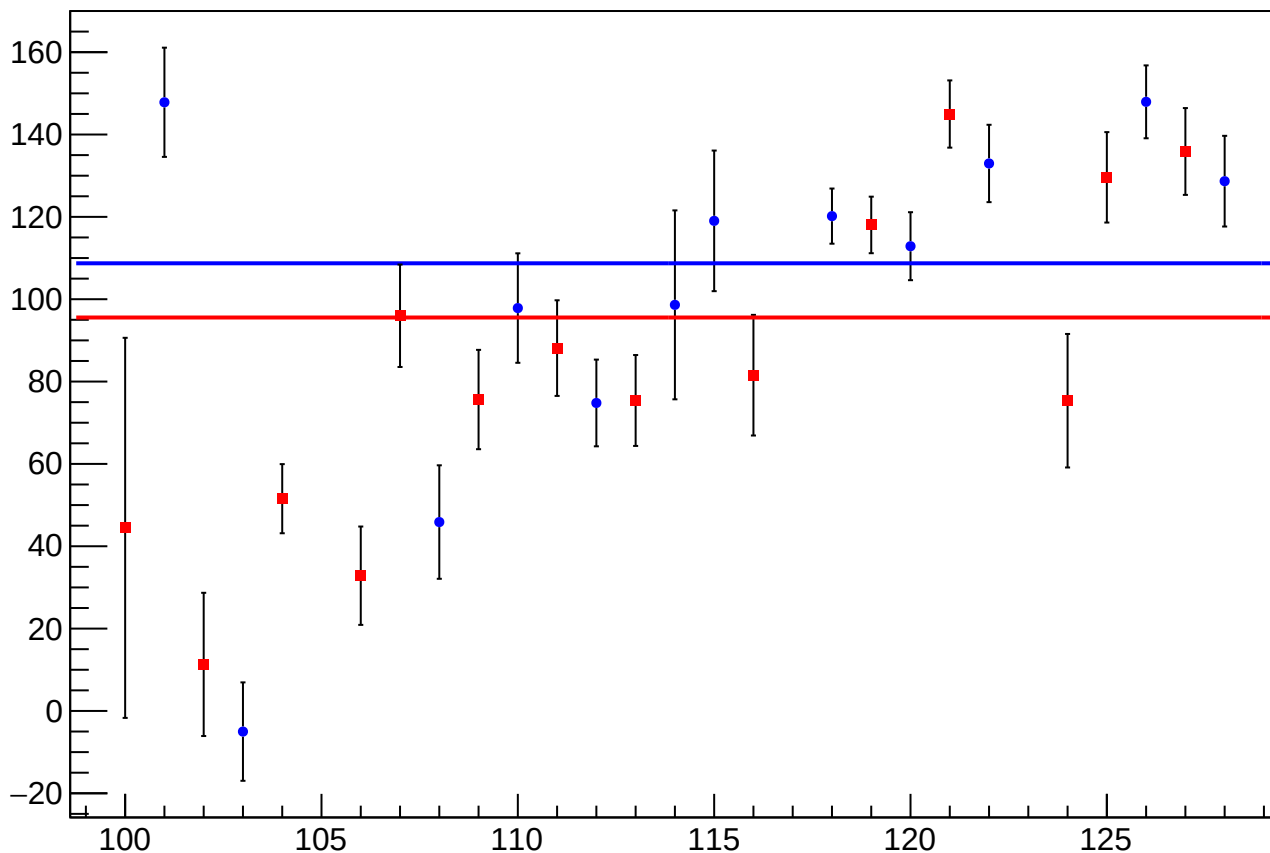
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 460.632 $\pm$ 1.976 χ^2 /NDF: 5719.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 108.724 $\pm$ 3.053 χ^2 /NDF: 164.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 95.558 $\pm$ 2.938 χ^2 /NDF: 160.3/13

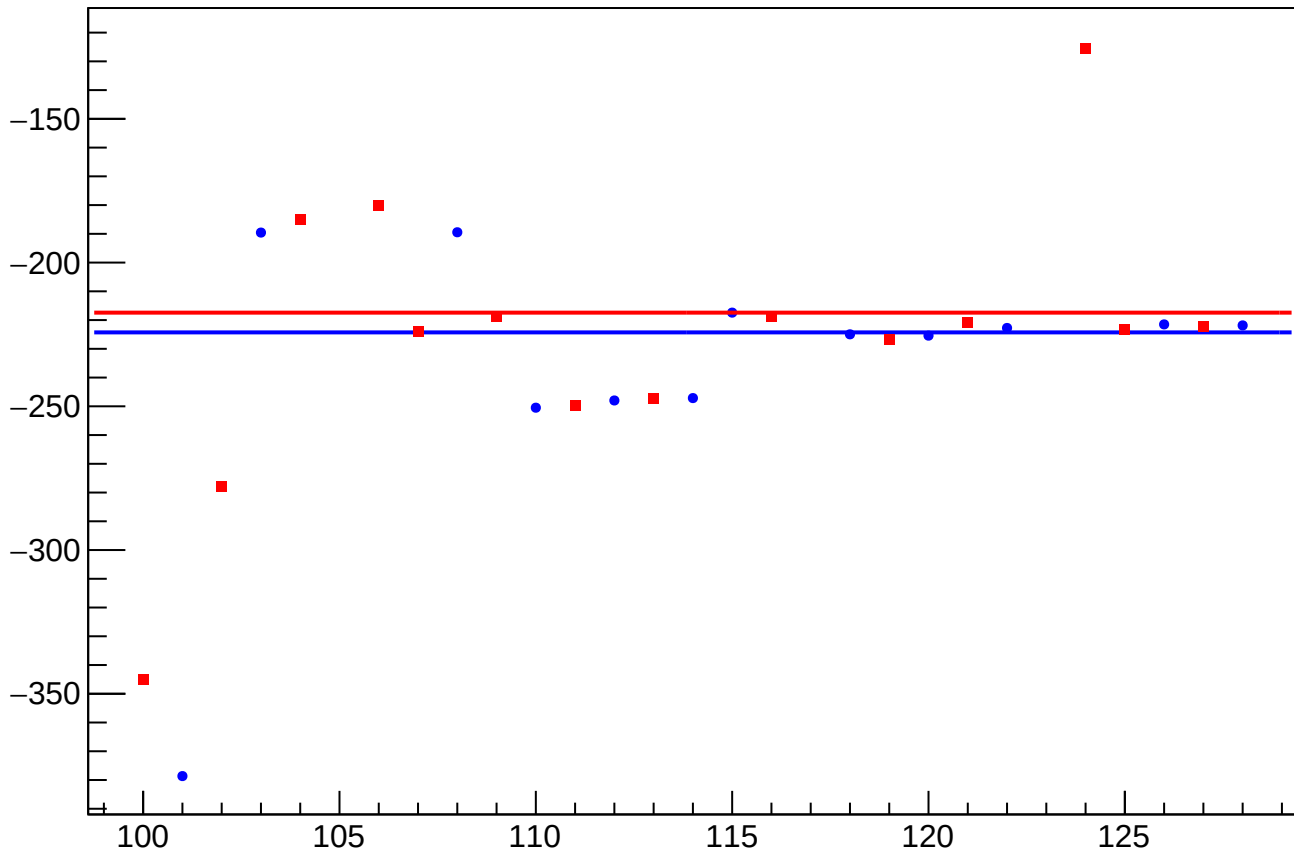
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 101.886 $\pm$ 2.117 χ^2 /NDF: 334.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -224.286+/-0.179 χ^2/NDF : 87632.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -217.415+/-0.167 χ^2/NDF : 47384.8/13

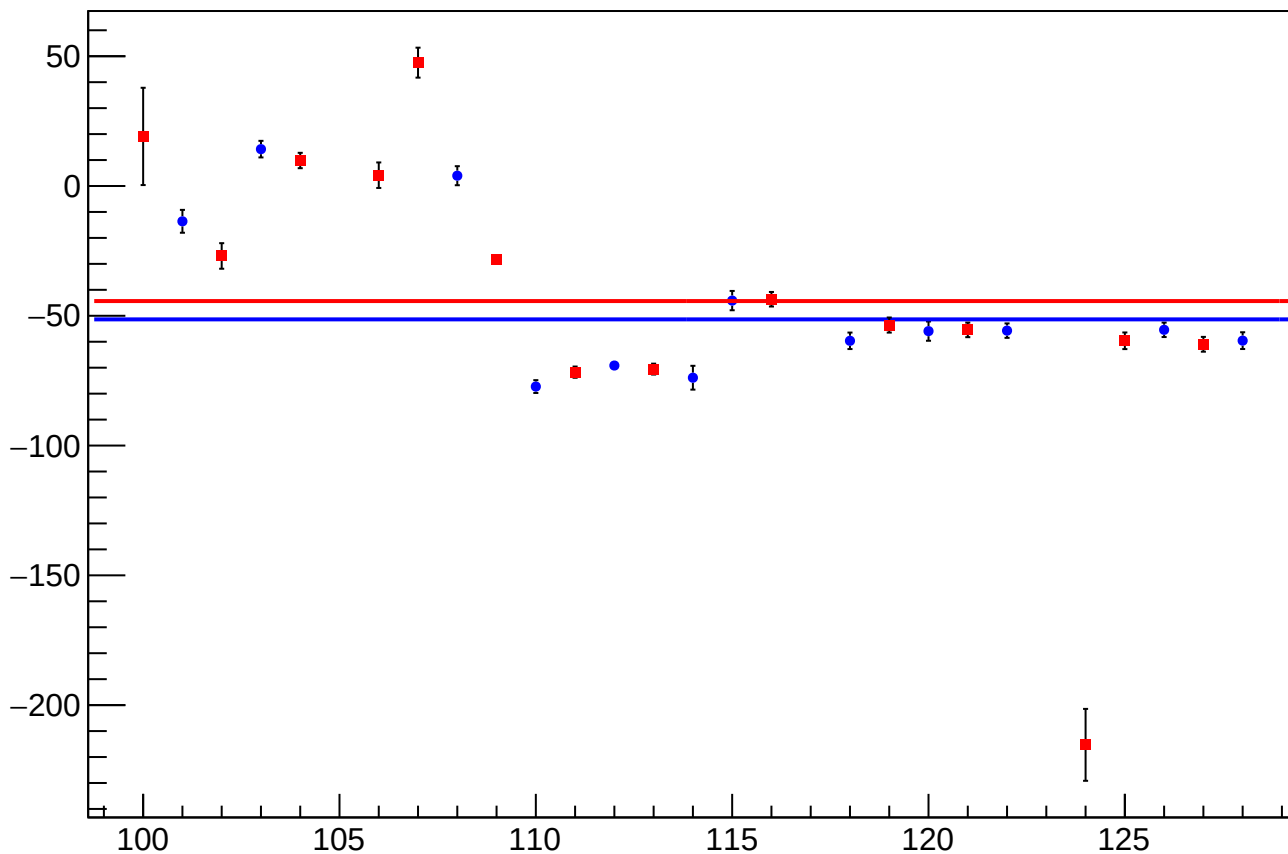
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -220.614+/-0.122 χ^2/NDF : 135800.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



Right In: -51.386 ± 0.878 χ^2/NDF : 963.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -44.329 ± 0.768 χ^2/NDF : 1368.5/13

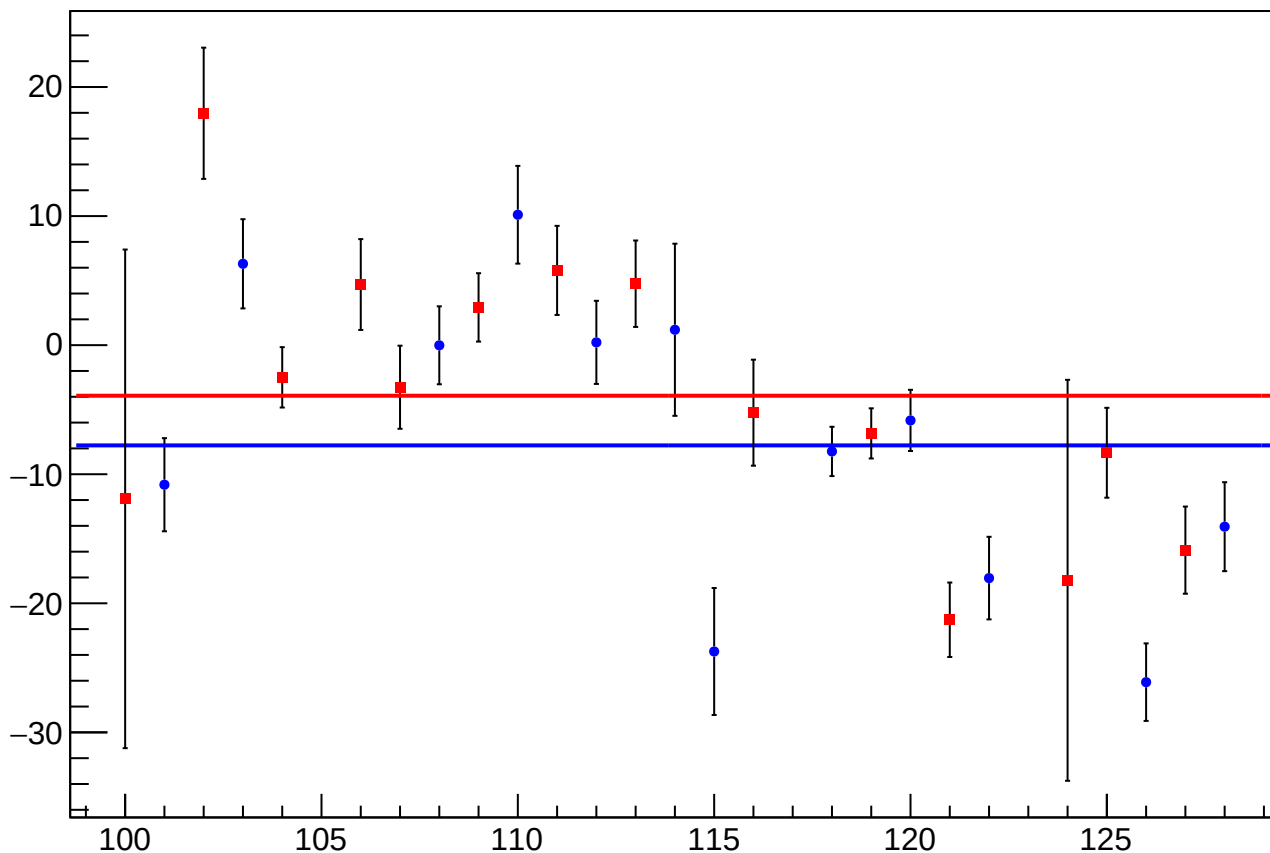
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -47.386 ± 0.578 χ^2/NDF : 2368.8/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -7.766 ± 0.896 χ^2/NDF : 116.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.918 ± 0.865 χ^2/NDF : 100.0/13

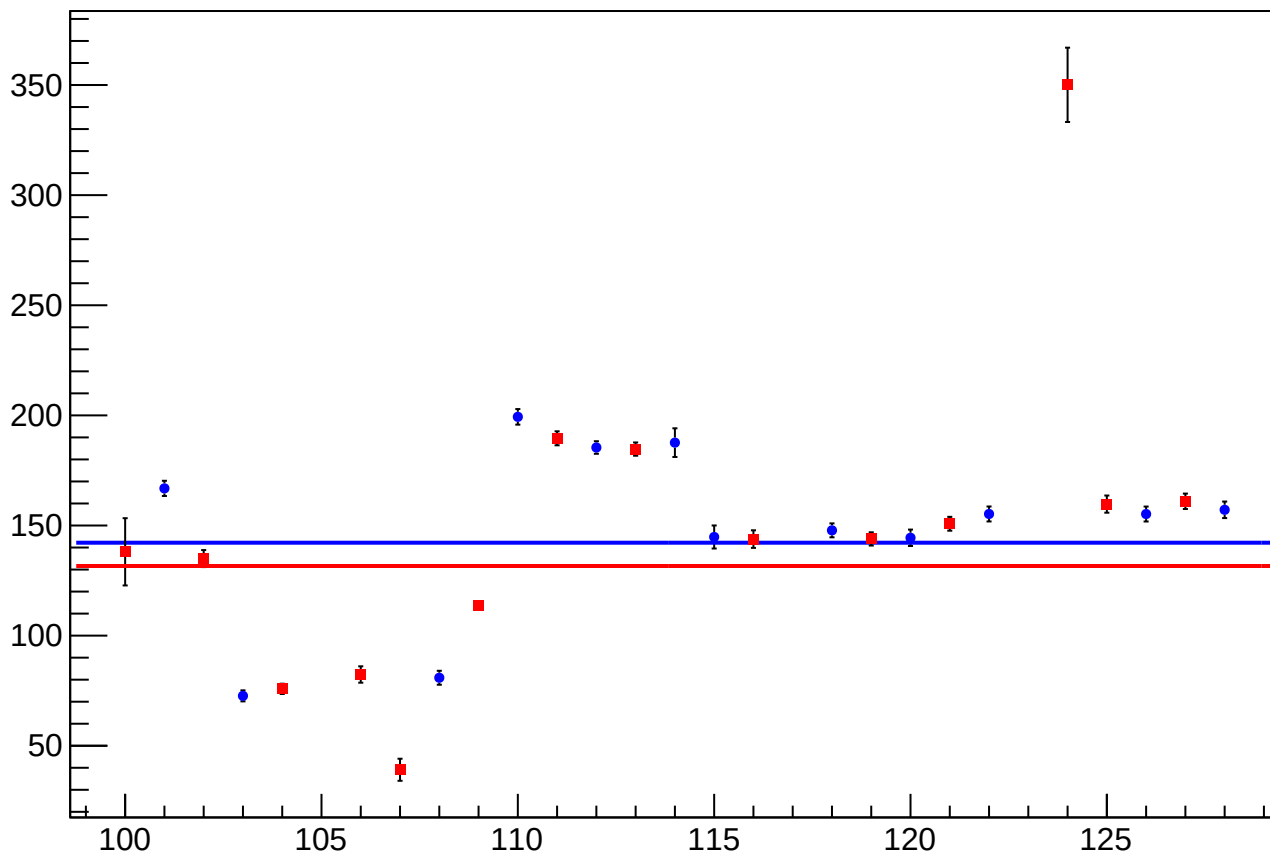
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.775 ± 0.622 χ^2/NDF : 225.9/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 142.189 $\pm$ 0.989 χ^2 /NDF: 1784.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 131.614 $\pm$ 0.914 χ^2 /NDF: 2148.3/13

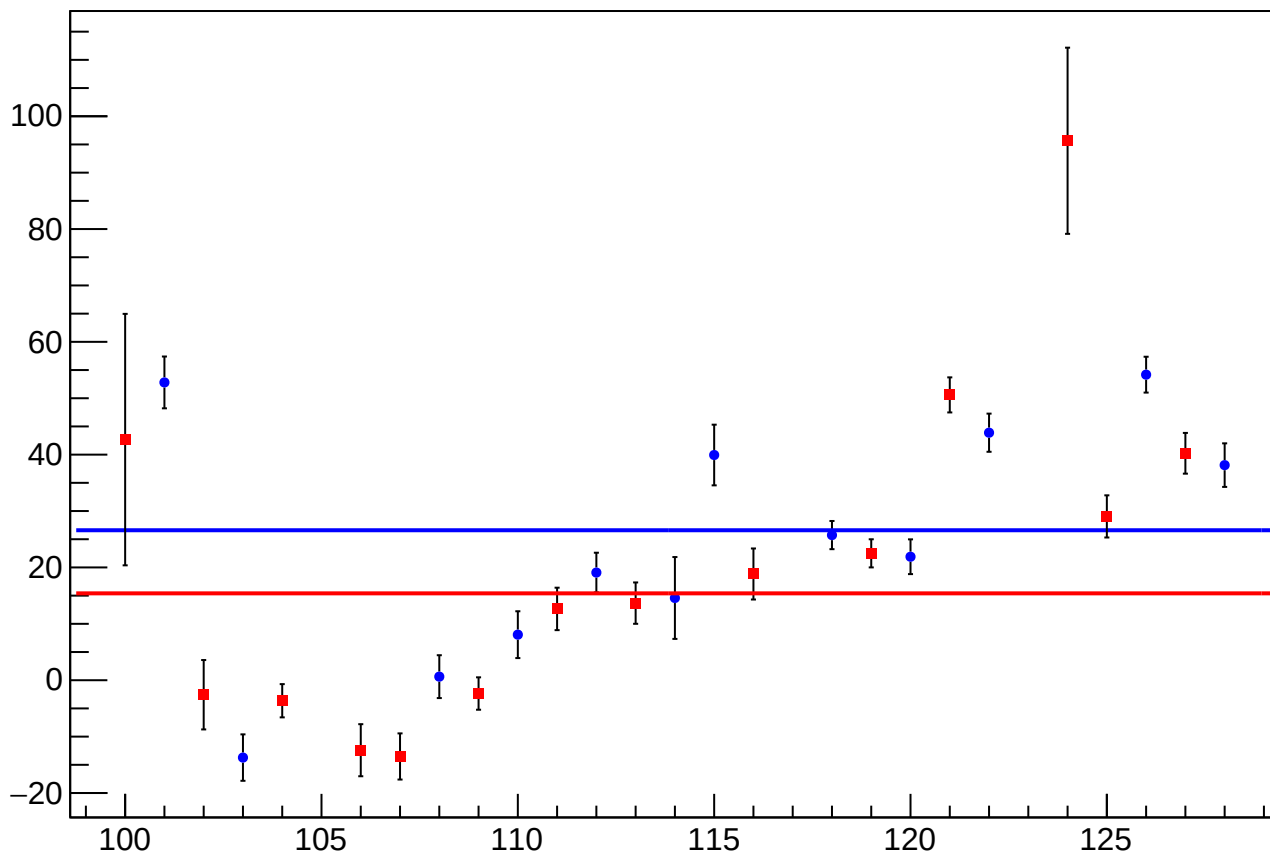
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 136.489 $\pm$ 0.671 χ^2 /NDF: 3994.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 26.593+/-1.062 χ^2/NDF : 321.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.404+/-1.009 χ^2/NDF : 398.0/13

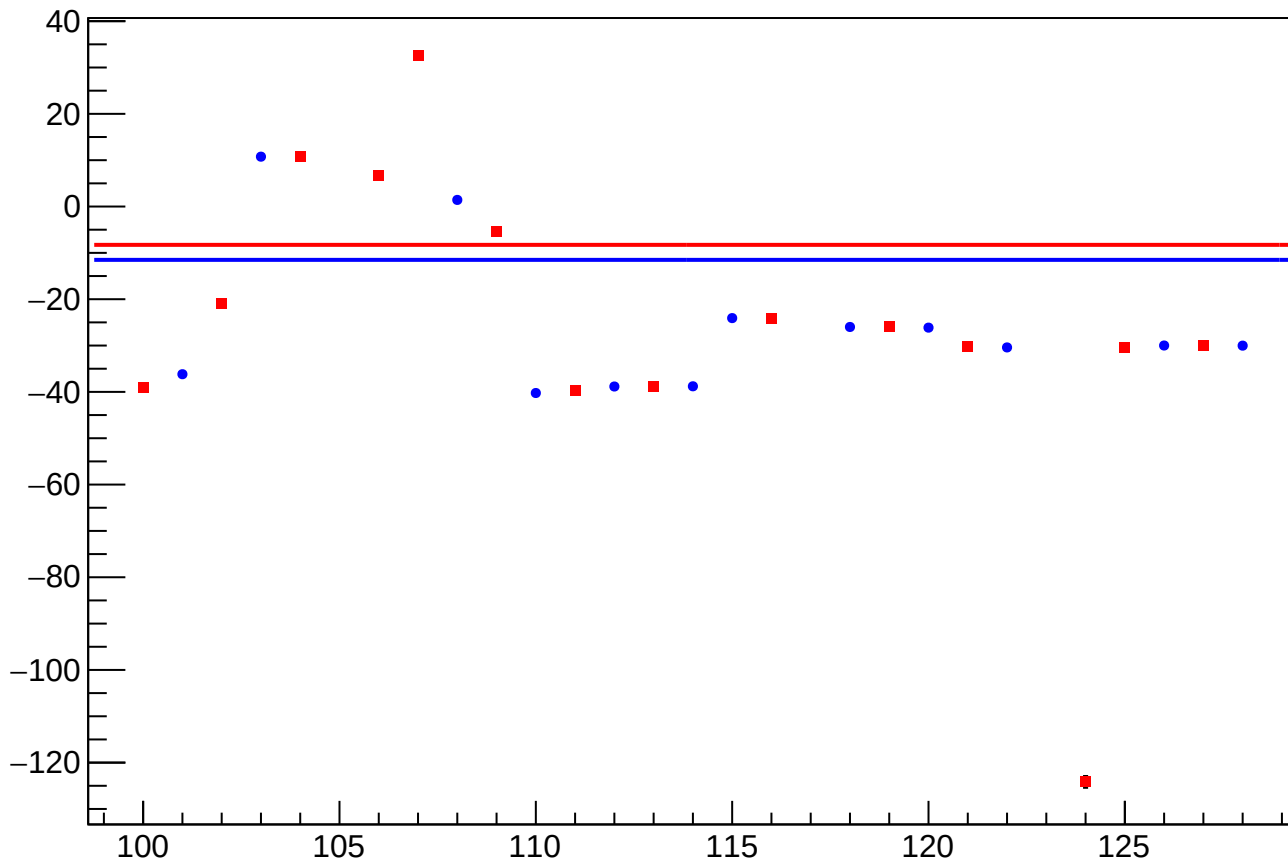
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.716+/-0.732 χ^2/NDF : 777.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -11.509+/-0.059 χ^2/NDF : 118046.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.271+/-0.057 χ^2/NDF : 150547.7/13

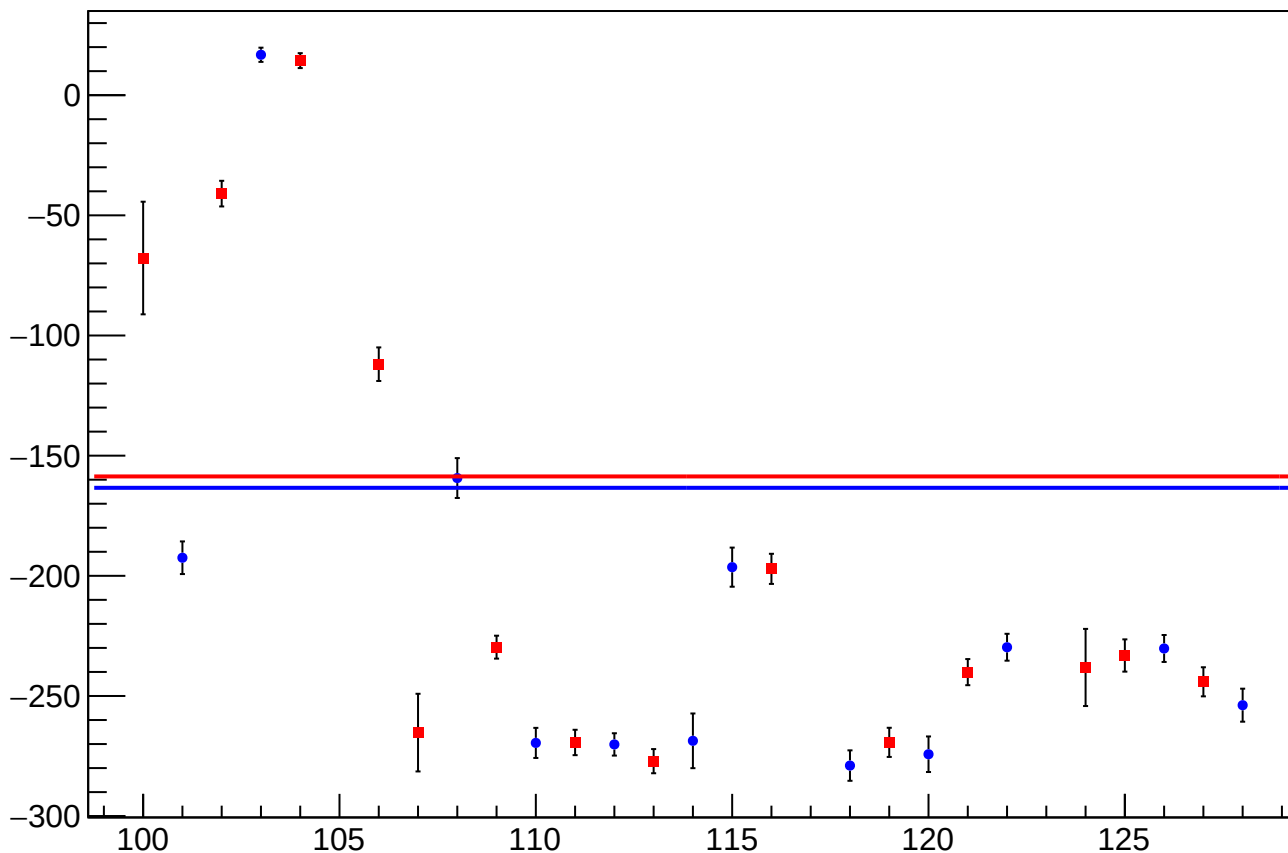
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.832+/-0.041 χ^2/NDF : 270139.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



Right In: -163.378+/-1.636 χ^2/NDF : 5664.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -158.646+/-1.535 χ^2/NDF : 5856.1/13

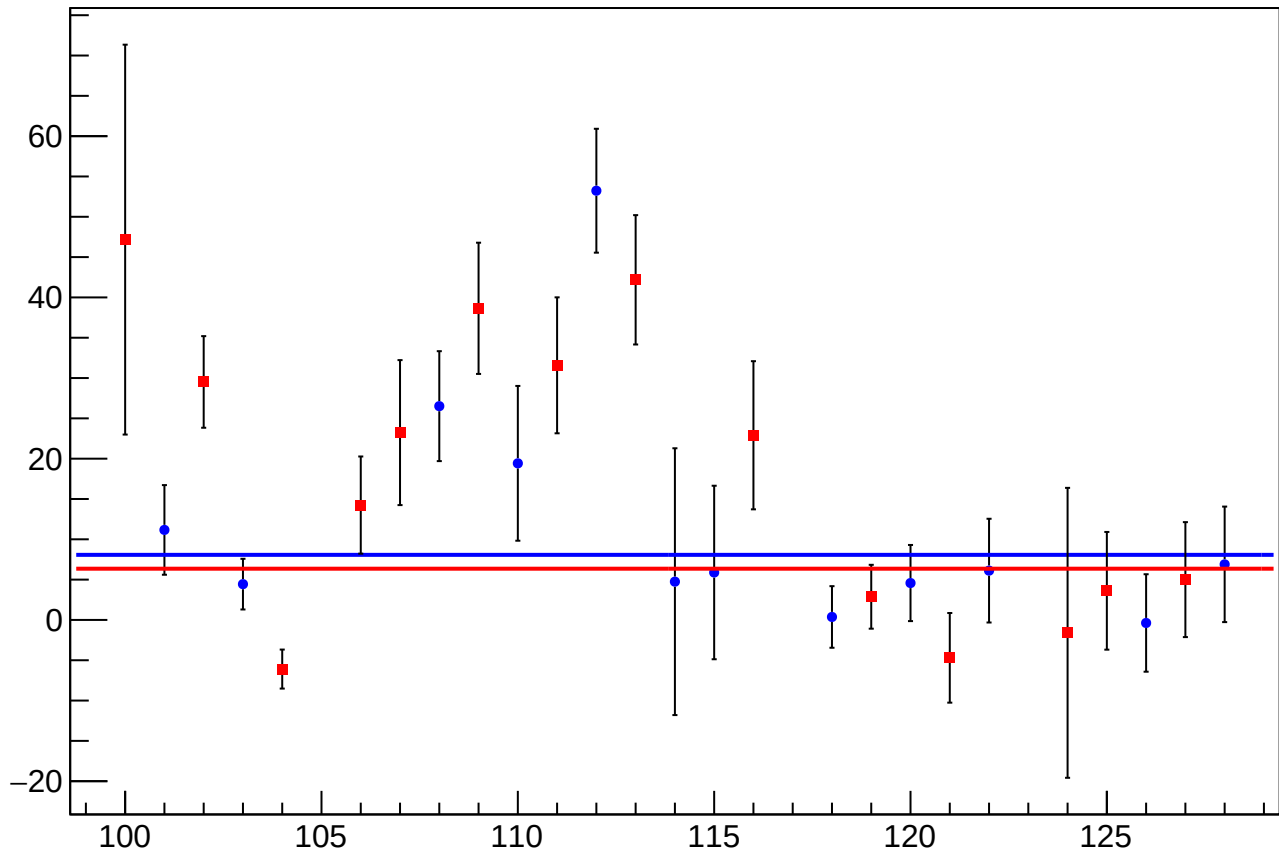
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -160.861+/-1.120 χ^2/NDF : 11524.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: 8.072 $\pm$ 1.623 χ^2 /NDF: 51.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.354 $\pm$ 1.512 χ^2 /NDF: 104.2/13

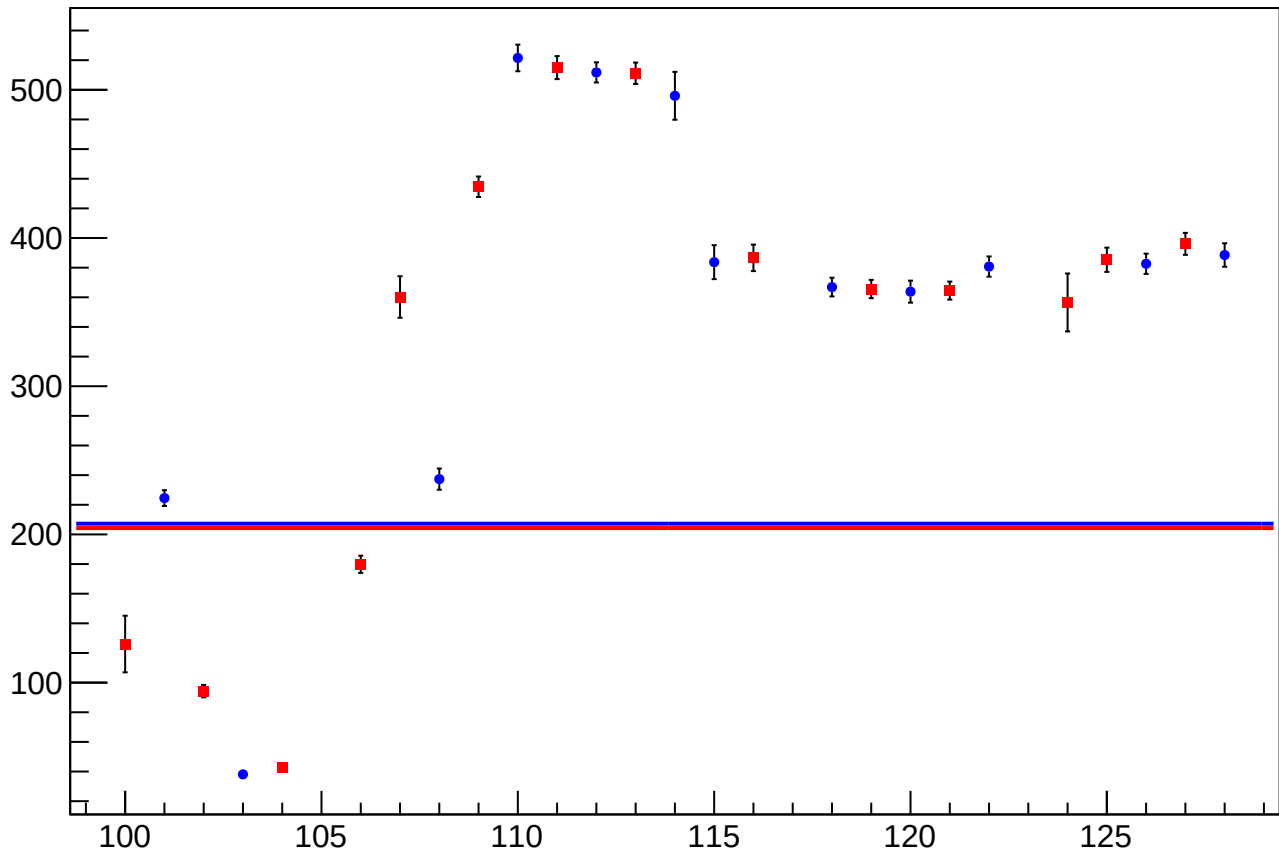
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.152 $\pm$ 1.106 χ^2 /NDF: 156.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 207.226+/-1.606 χ^2/NDF : 12032.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 204.276+/-1.543 χ^2/NDF : 12735.1/13

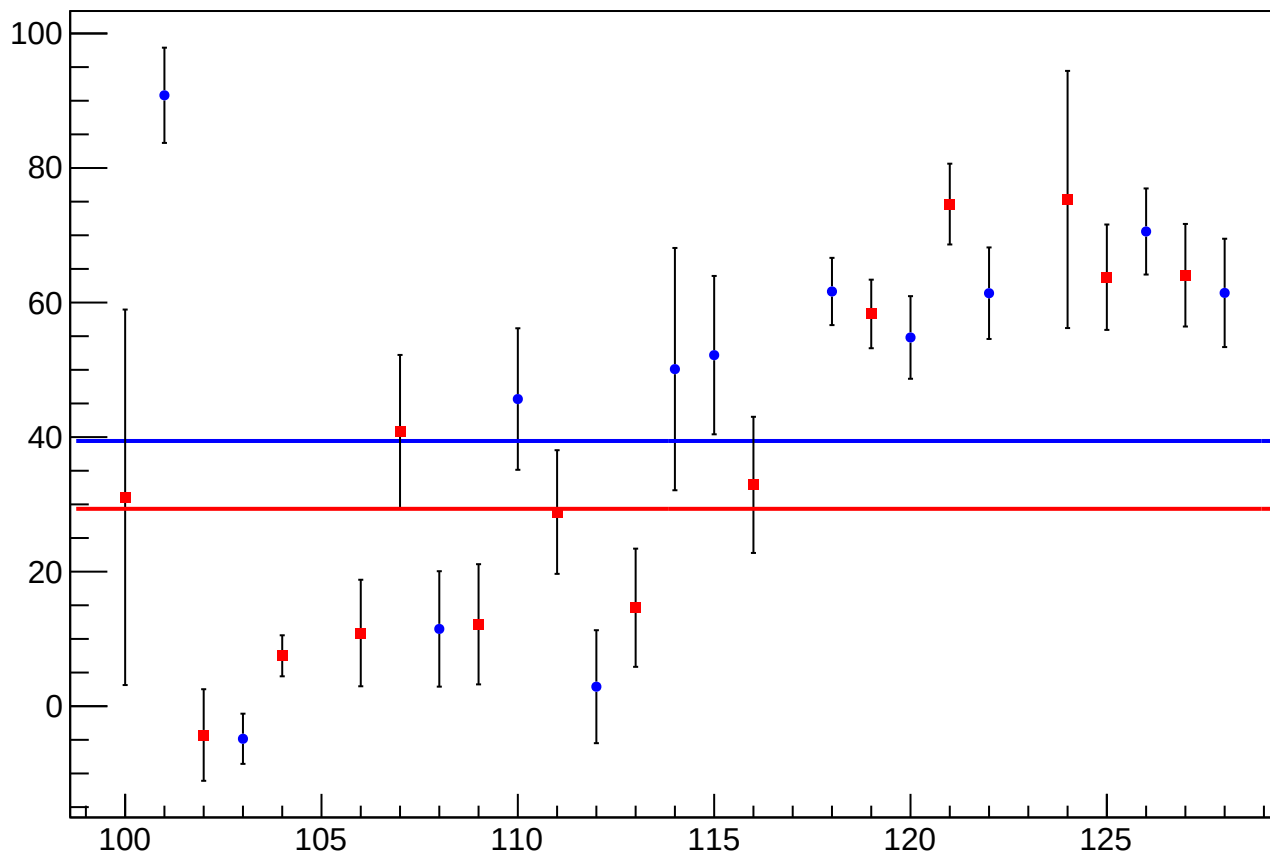
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.693+/-1.113 χ^2/NDF : 24769.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 39.423+/-1.935 χ^2/NDF : 292.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.338+/-1.815 χ^2/NDF : 223.9/13

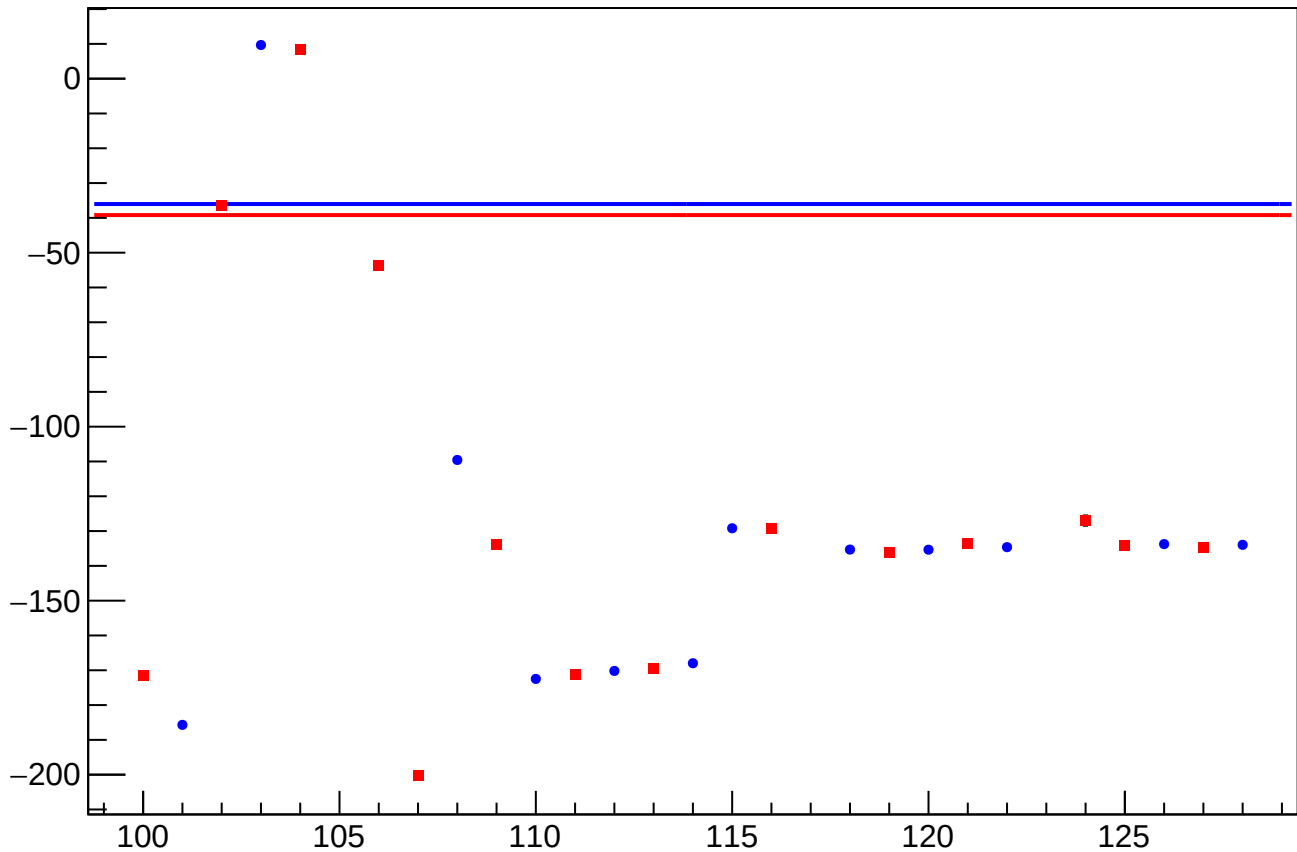
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.057+/-1.324 χ^2/NDF : 530.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -36.026 ± 0.081 $\chi^2/\text{NDF}: 792335.0/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -39.197 ± 0.081 $\chi^2/\text{NDF}: 558945.9/13$

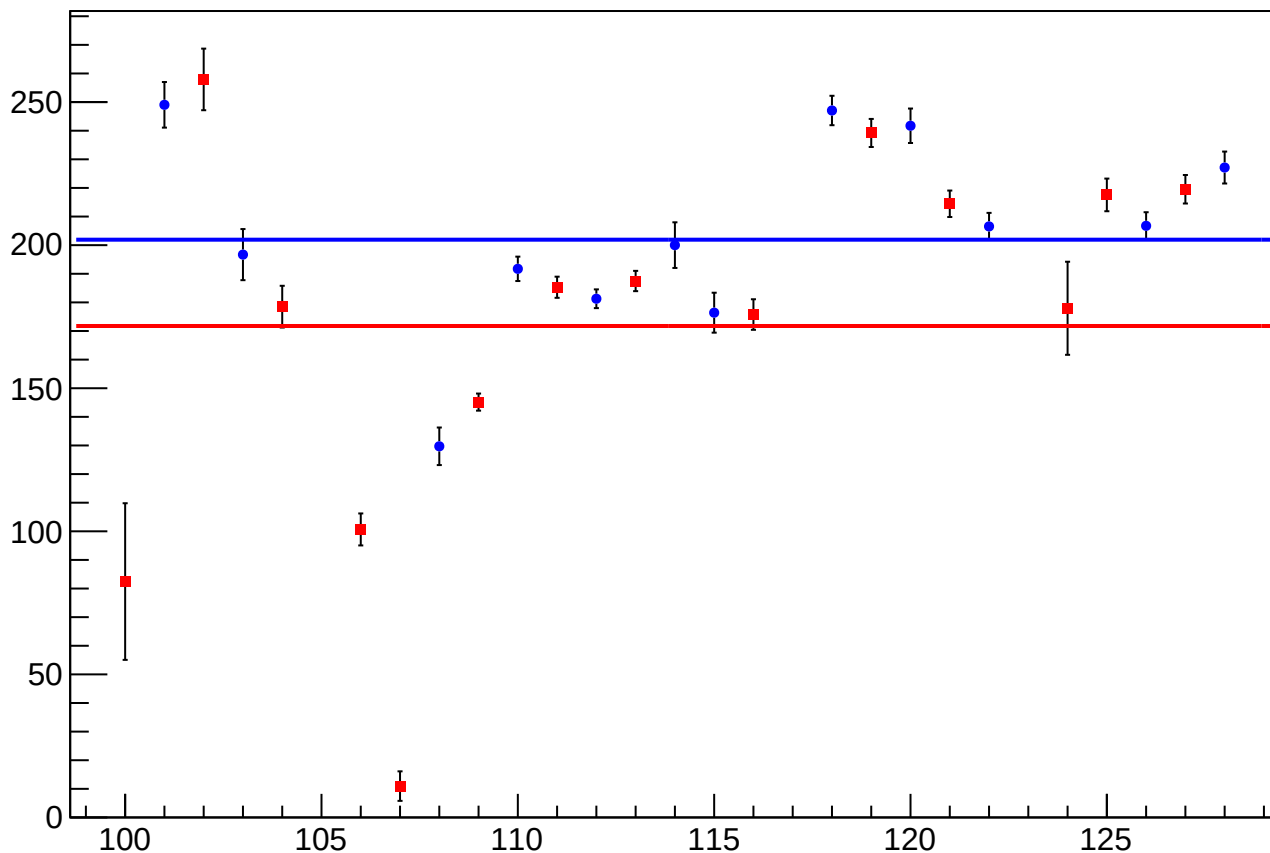
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -37.602 ± 0.057 $\chi^2/\text{NDF}: 1352046.4/25$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



Right In: 201.915+/-1.539 χ^2/NDF : 358.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.751+/-1.334 χ^2/NDF : 1752.9/13

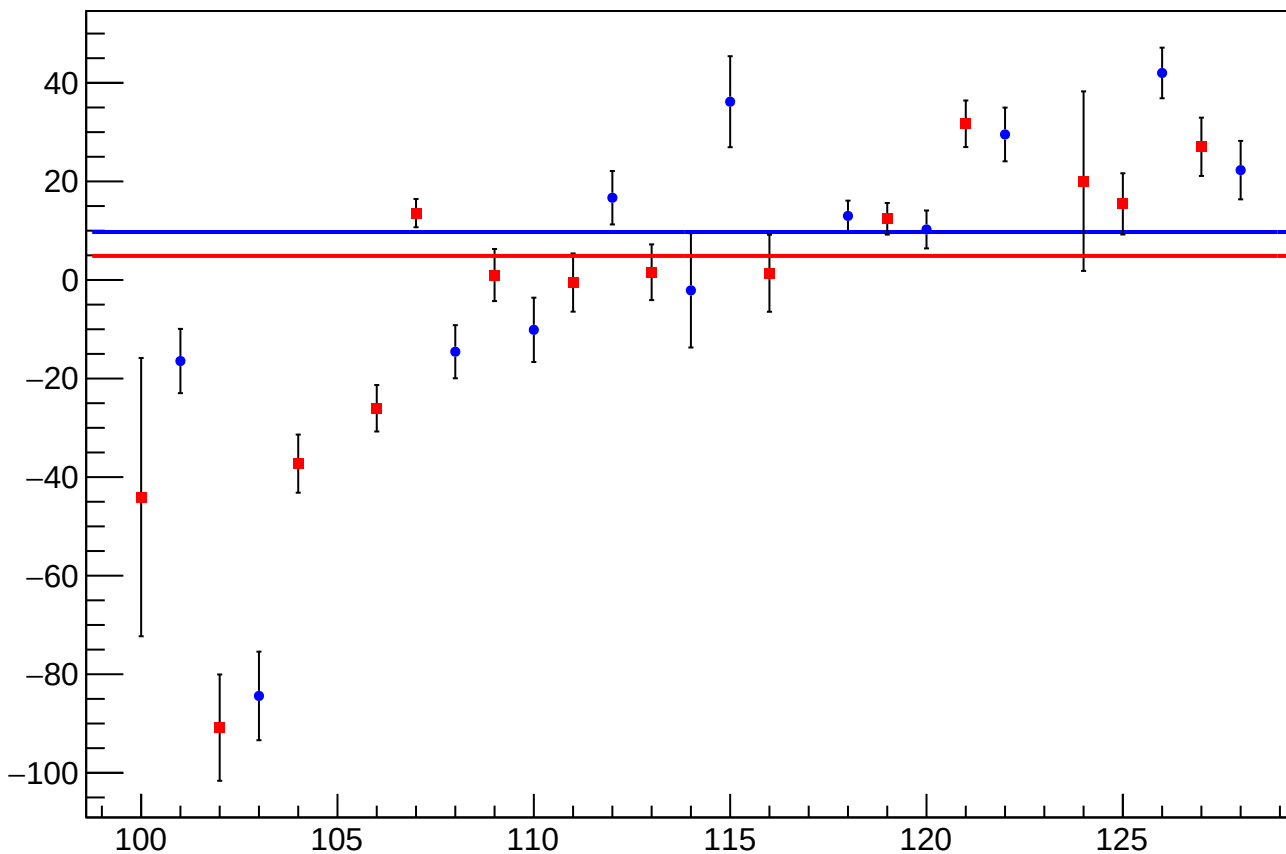
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.700+/-1.008 χ^2/NDF : 2330.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 9.734 $\pm$ 1.545 χ^2 /NDF: 224.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.882 $\pm$ 1.391 χ^2 /NDF: 242.2/13

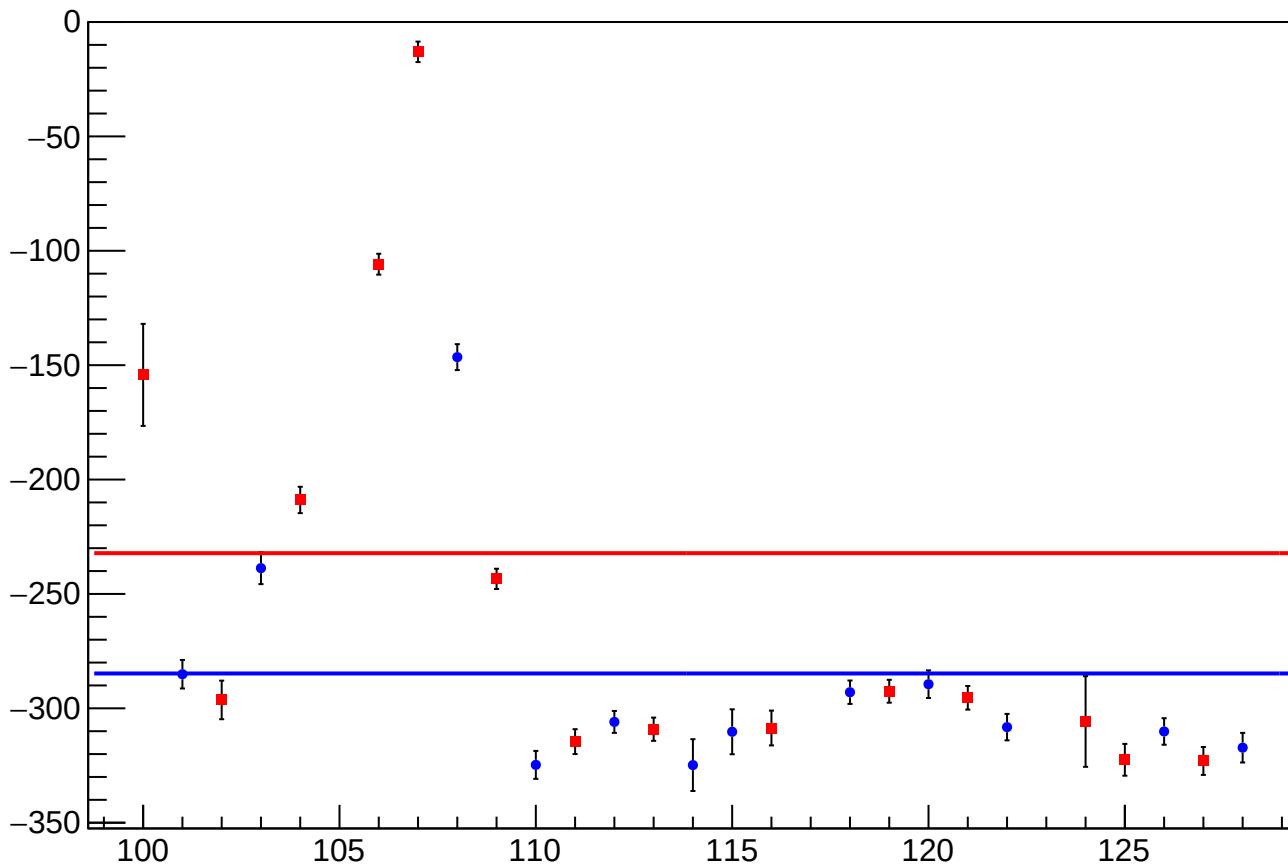
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.054 $\pm$ 1.034 χ^2 /NDF: 472.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -284.768 ± 1.782 χ^2/NDF : 784.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -232.172 ± 1.557 χ^2/NDF : 4514.8/13

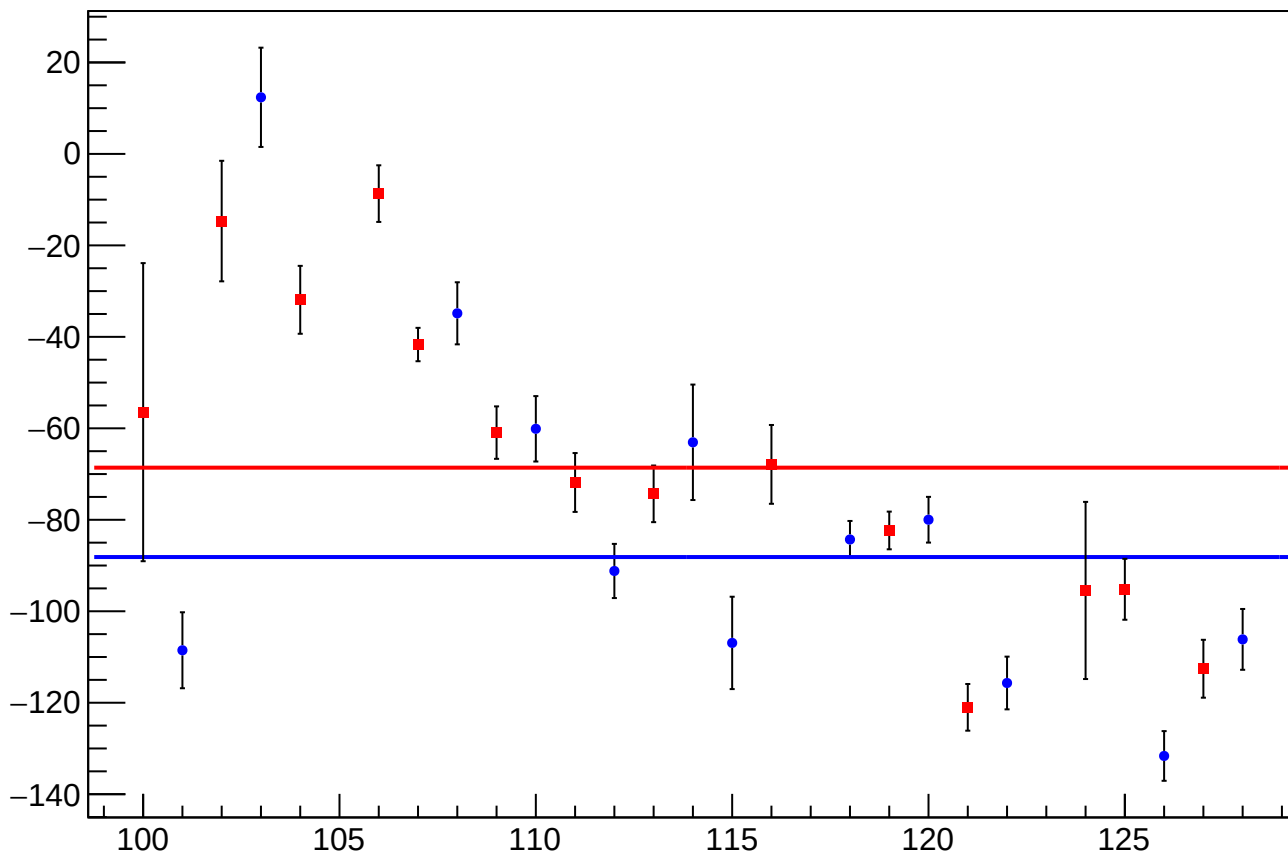
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -254.936 ± 1.172 χ^2/NDF : 5793.0/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -88.144 ± 1.837 χ^2/NDF : 274.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -68.601 ± 1.649 χ^2/NDF : 375.0/13

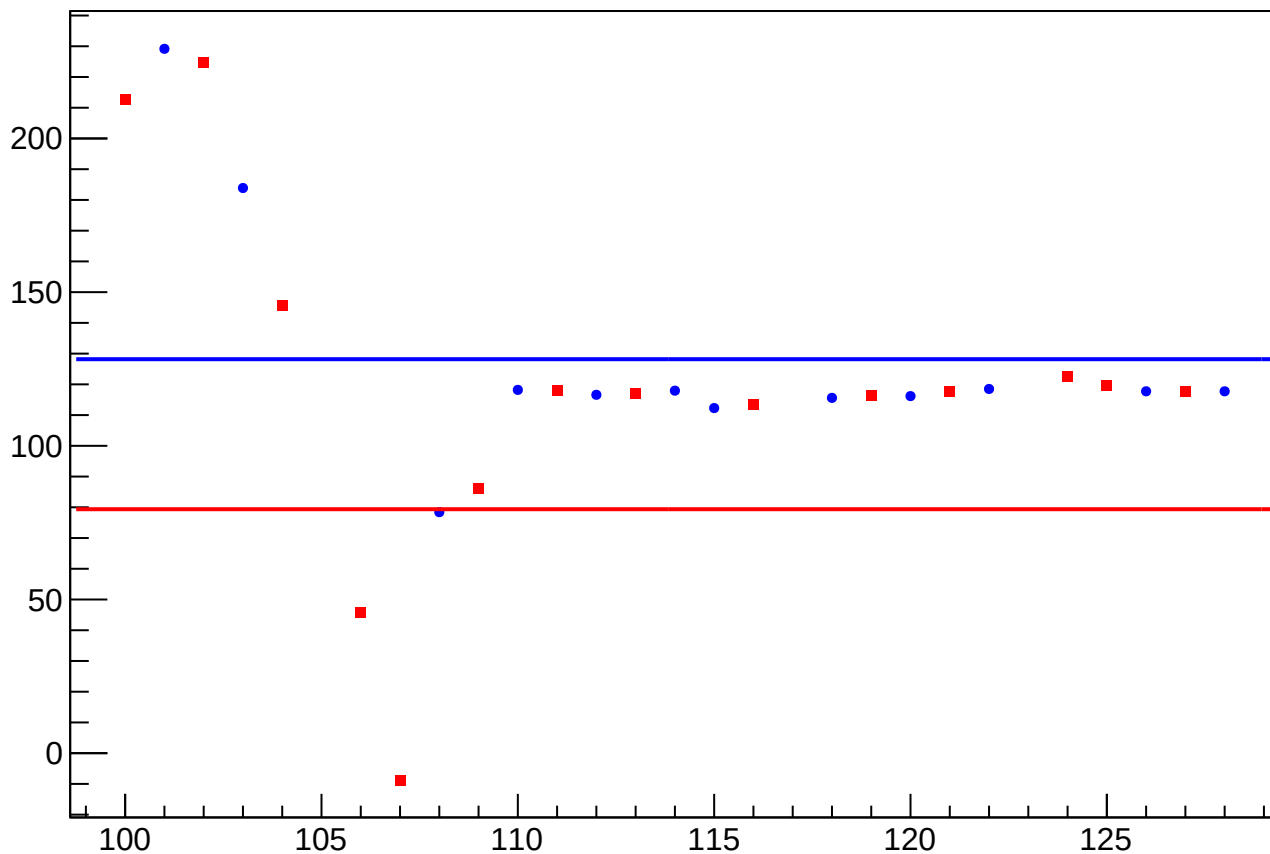
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -77.325 ± 1.227 χ^2/NDF : 712.0/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 128.183+/-0.115 χ^2/NDF : 159435.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.377+/-0.092 χ^2/NDF : 532583.1/13

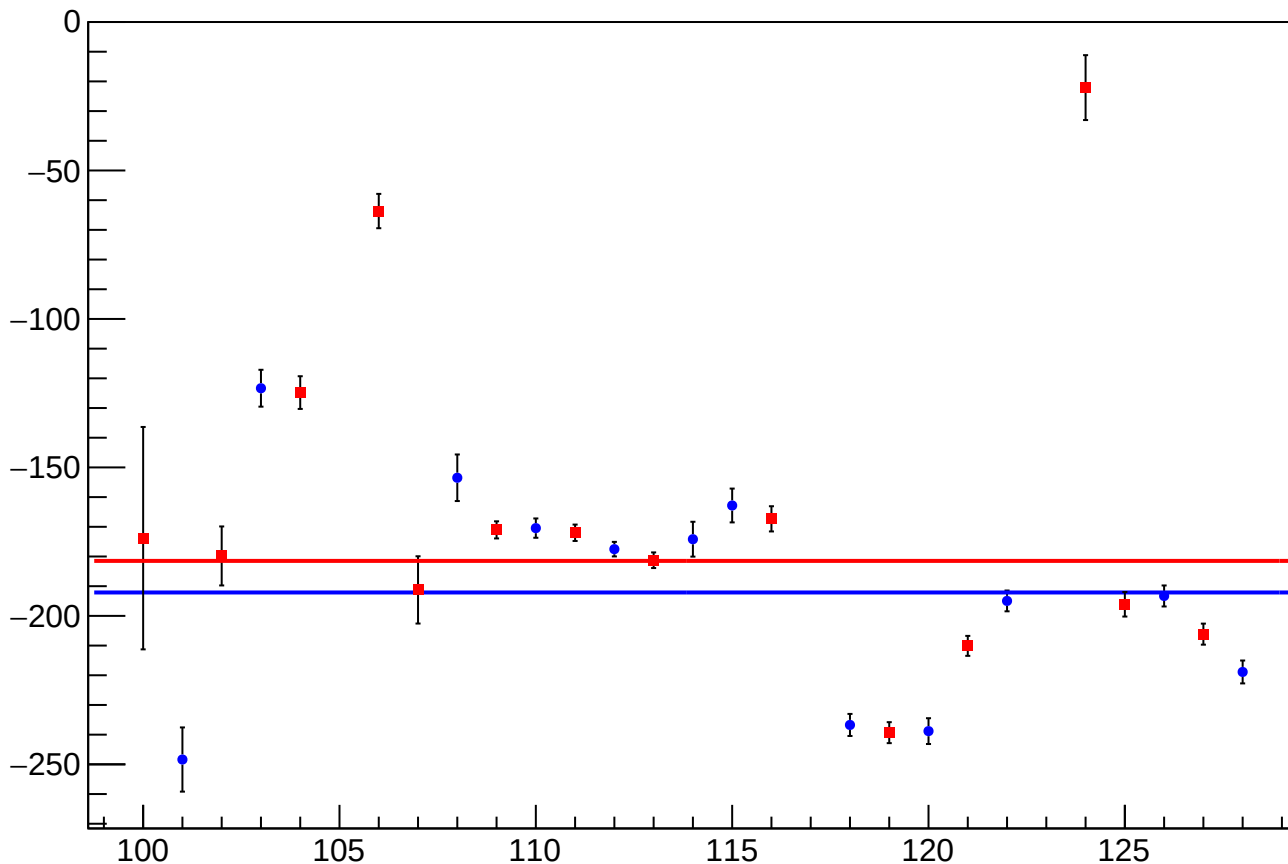
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.491+/-0.072 χ^2/NDF : 801333.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



Right In: -192.117+/-1.174 χ^2/NDF : 598.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -181.482+/-1.086 χ^2/NDF : 1173.0/13

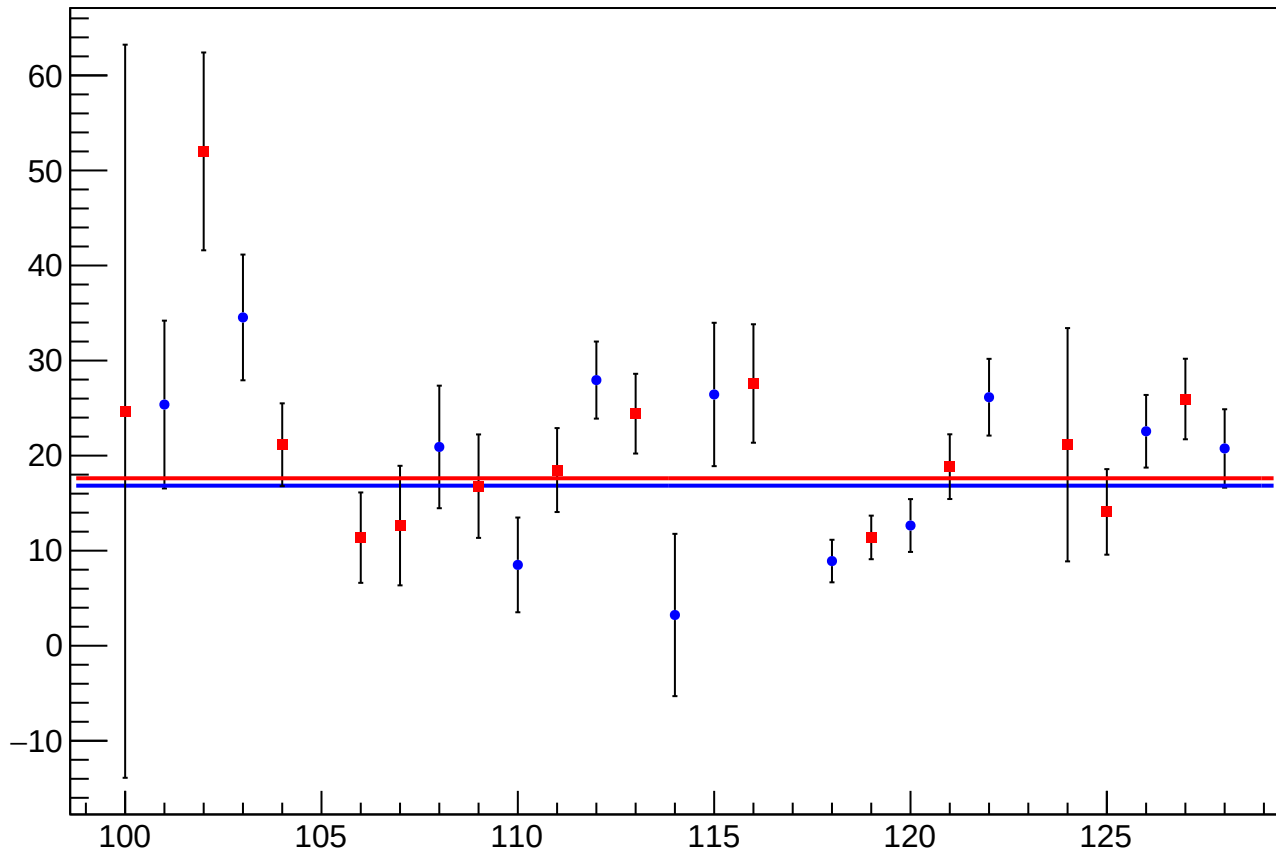
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -186.386+/-0.797 χ^2/NDF : 1815.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 16.840+/-1.187 χ^2/NDF : 46.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.617+/-1.205 χ^2/NDF : 31.3/13

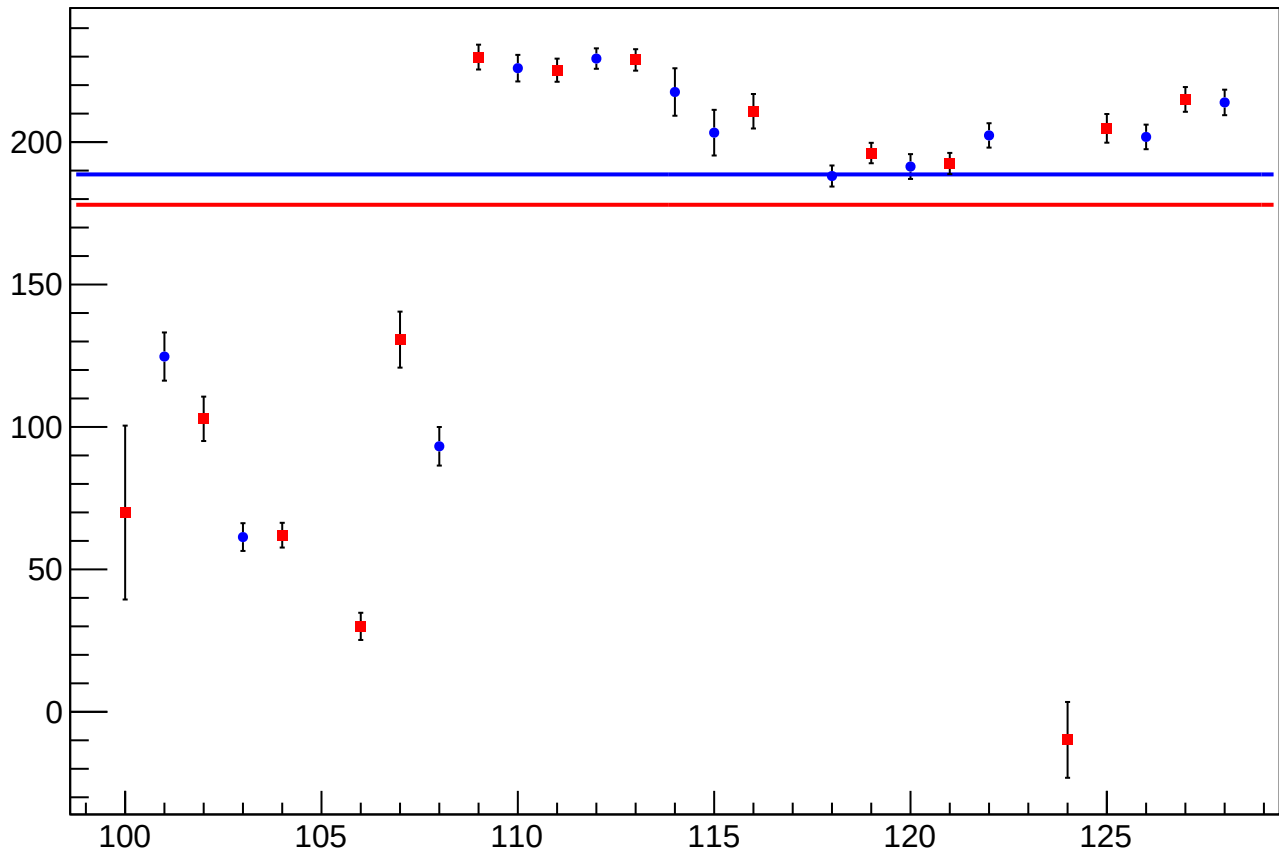
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.222+/-0.846 χ^2/NDF : 77.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 188.651+/-1.393 χ^2/NDF : 1198.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 177.996+/-1.309 χ^2/NDF : 2632.4/13

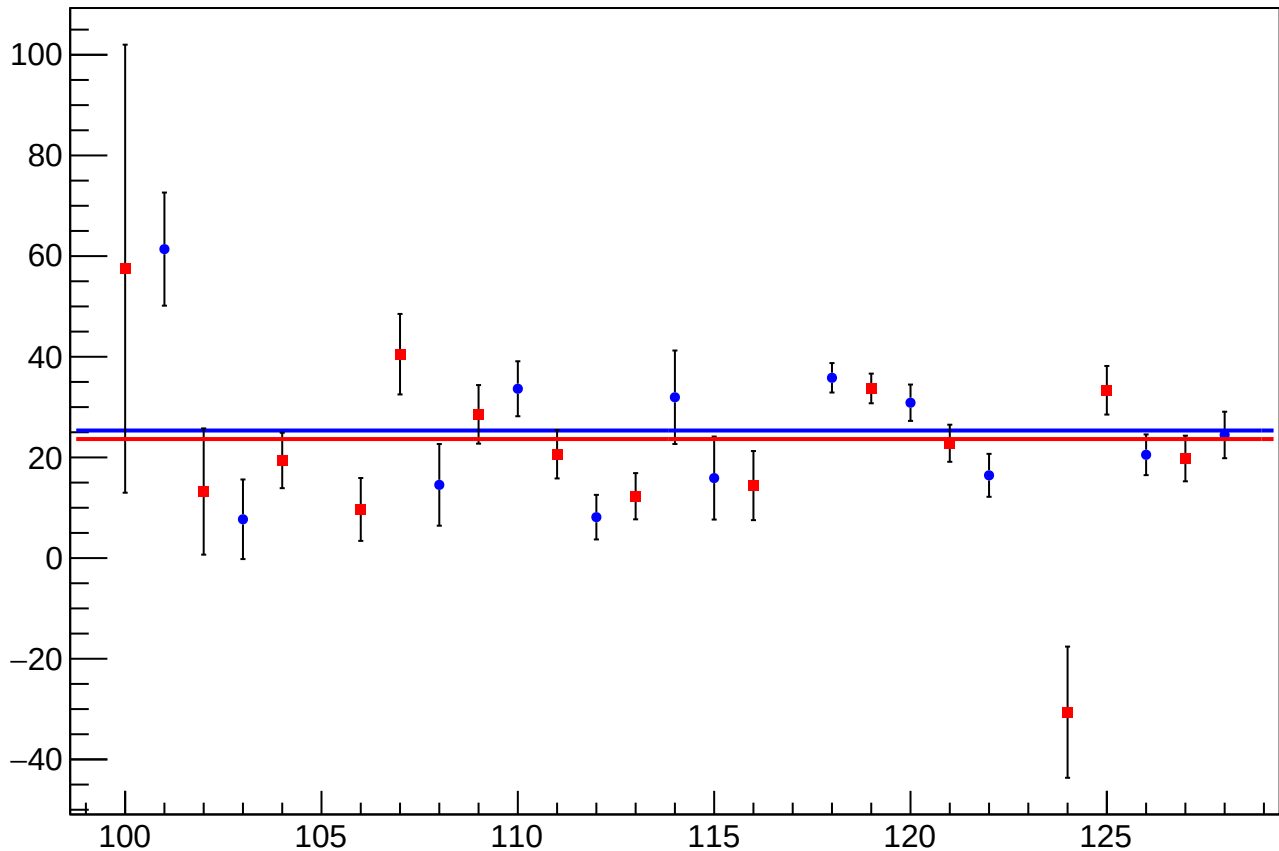
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.992+/-0.954 χ^2/NDF : 3862.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 25.349 $\pm$ 1.405 χ^2 /NDF: 57.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 23.651 $\pm$ 1.402 χ^2 /NDF: 54.1/13

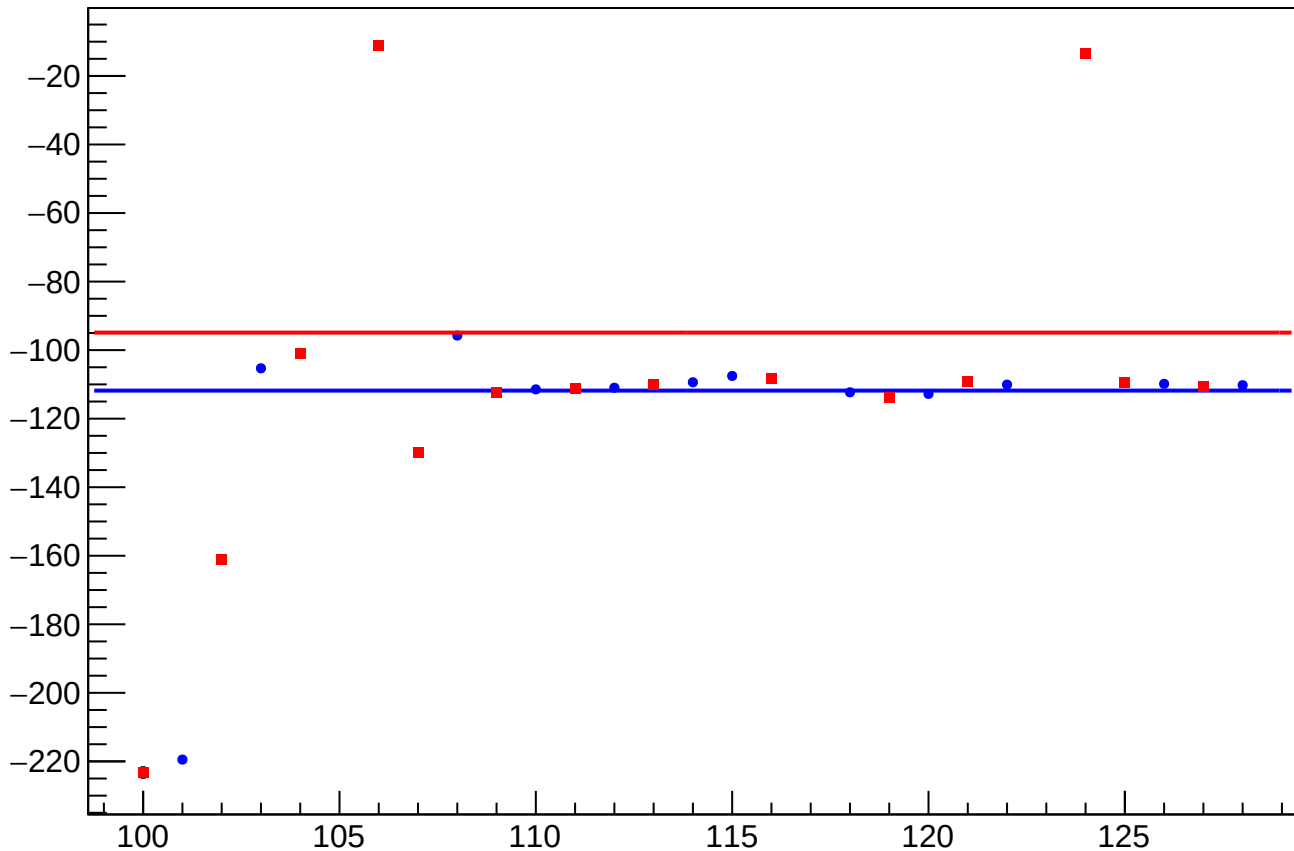
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.498 $\pm$ 0.993 χ^2 /NDF: 112.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -111.810+/-0.095 χ^2/NDF : 50439.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -94.883+/-0.085 χ^2/NDF : 256284.5/13

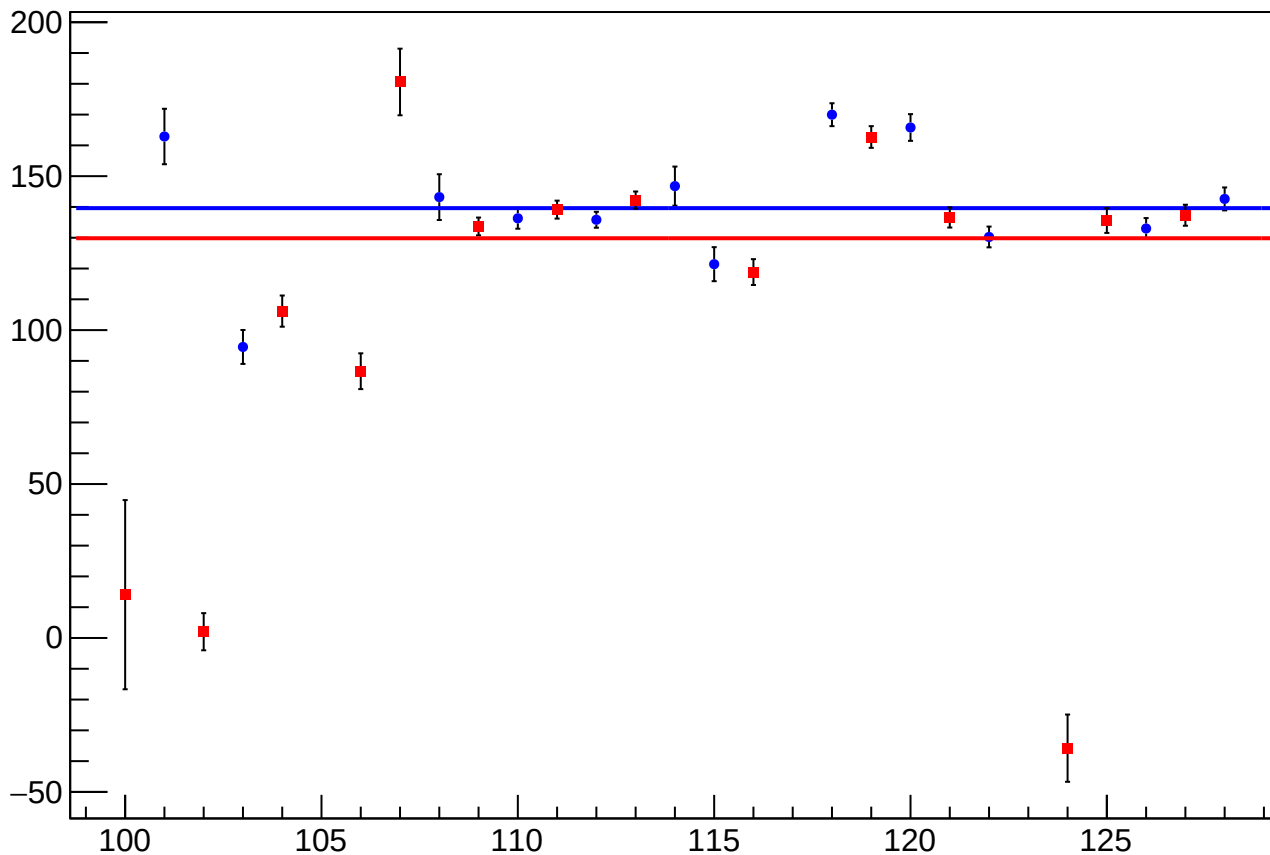
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -102.453+/-0.063 χ^2/NDF : 324394.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



Right In: 139.614 $\pm$ 1.170 χ^2 /NDF: 204.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 129.834 $\pm$ 1.080 χ^2 /NDF: 928.7/13

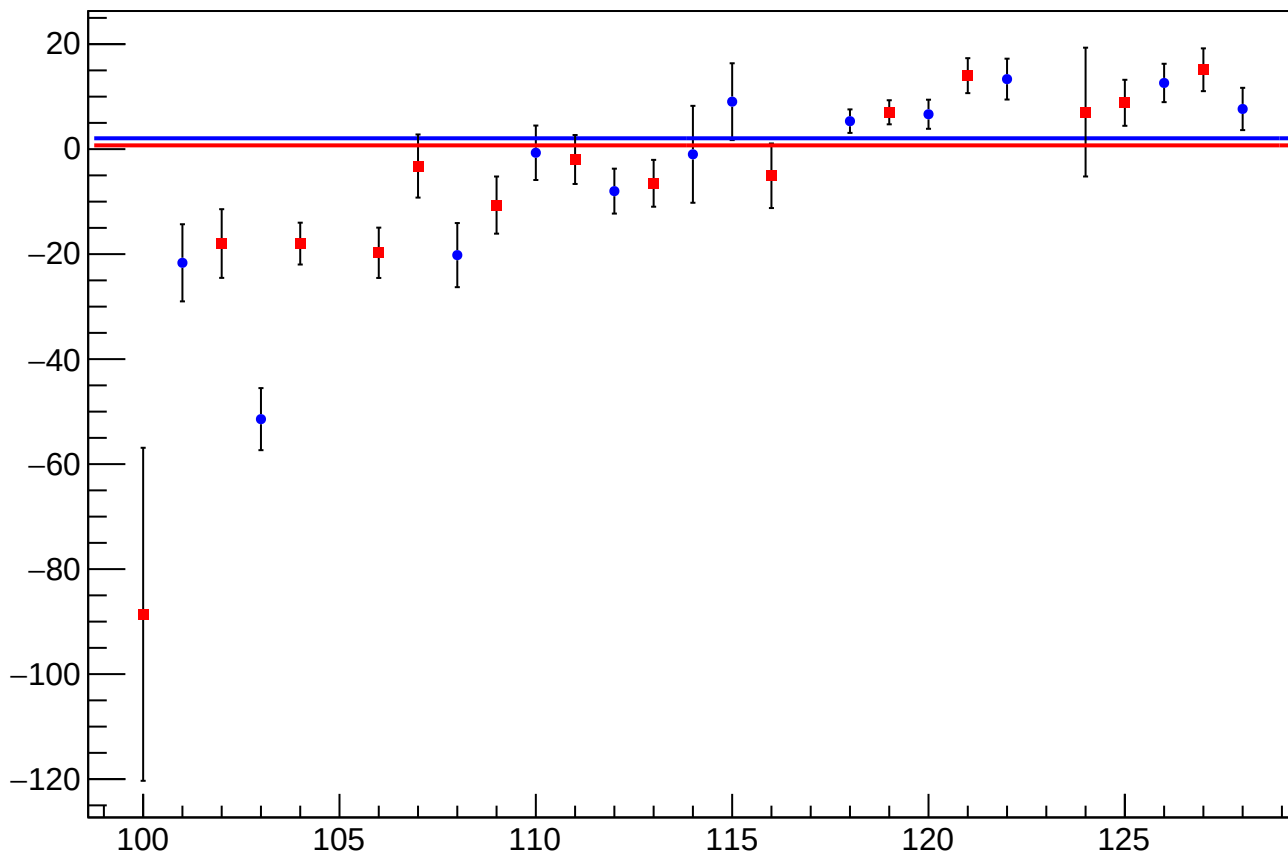
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 134.330 $\pm$ 0.793 χ^2 /NDF: 1170.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 2.067 $\pm$ 1.172 χ^2 /NDF: 135.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.717 $\pm$ 1.183 χ^2 /NDF: 104.7/13

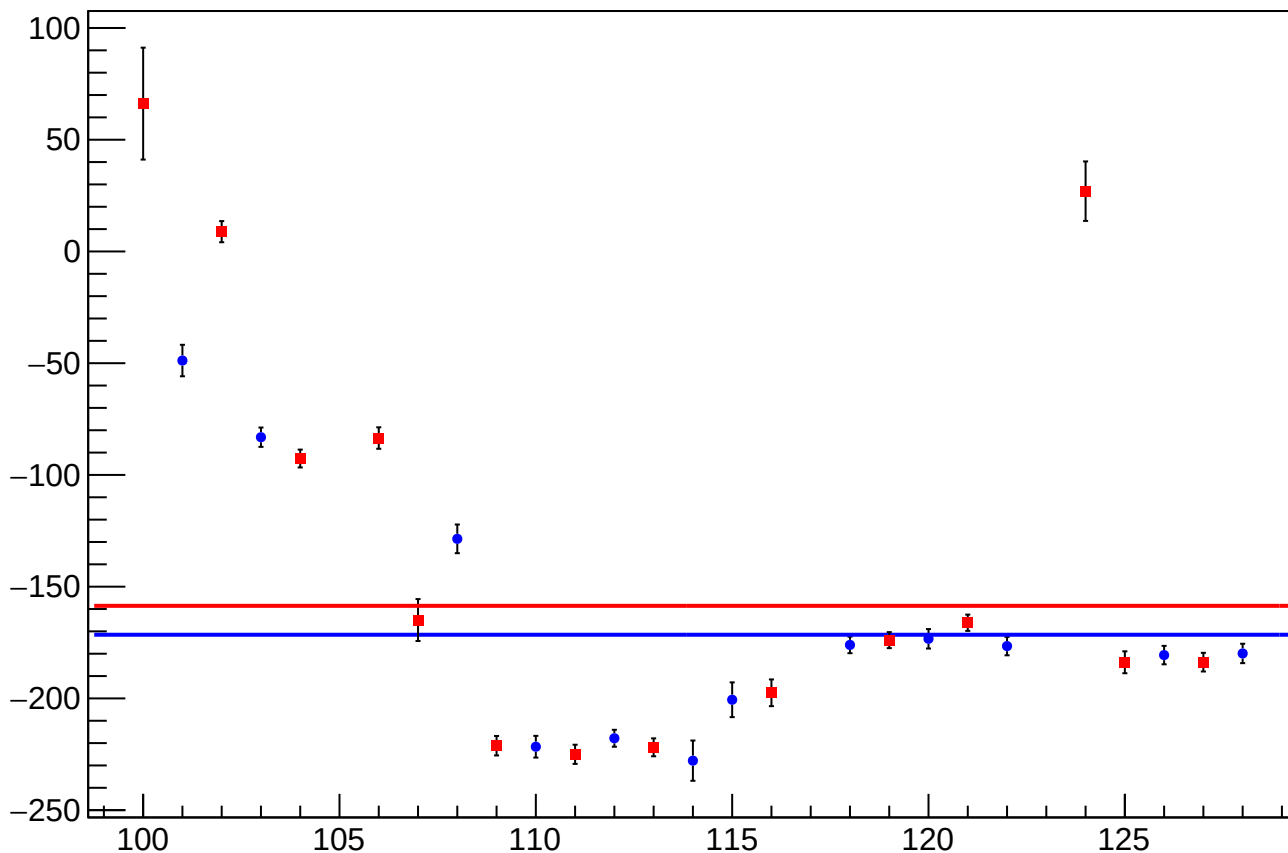
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.399 $\pm$ 0.833 χ^2 /NDF: 241.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -171.508 ± 1.367 χ^2/NDF : 1086.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -158.575 ± 1.271 χ^2/NDF : 2868.9/13

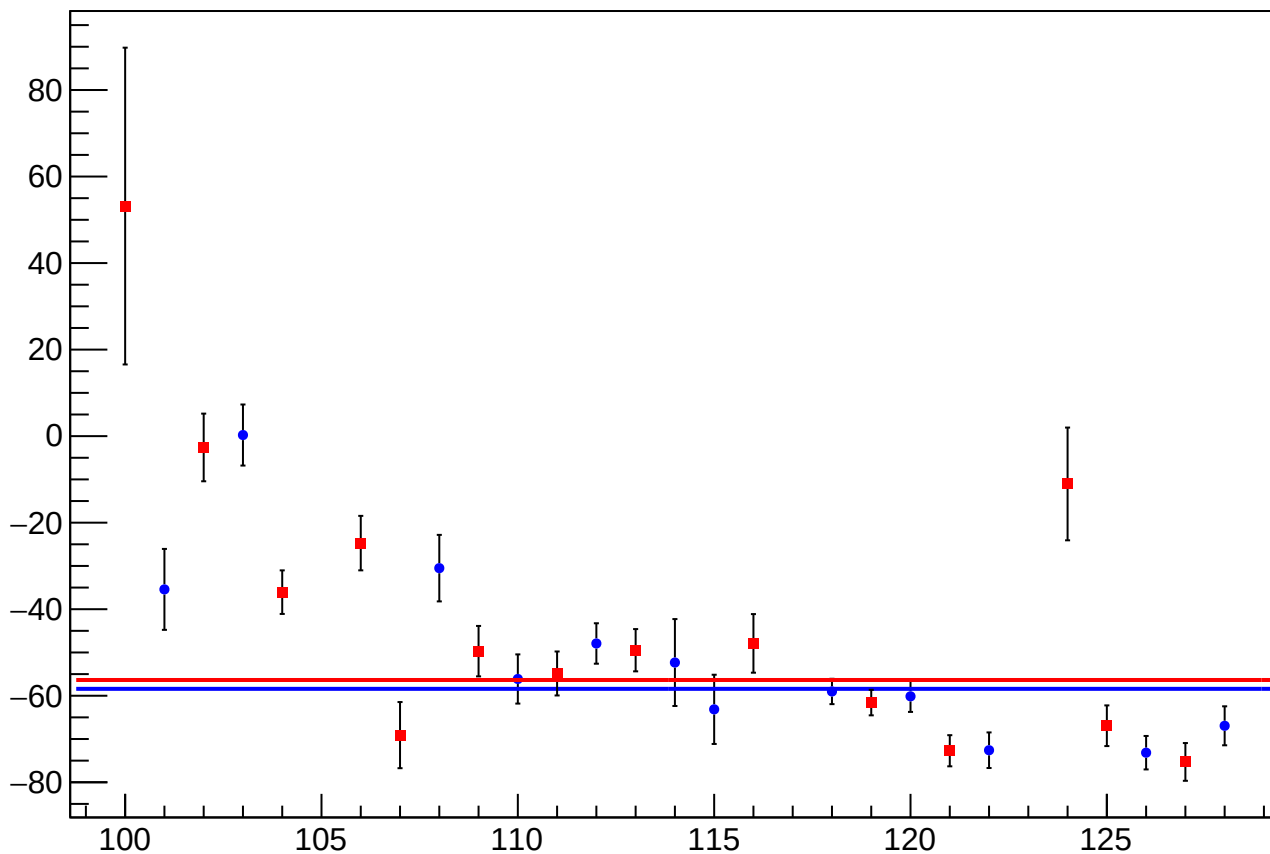
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -164.573 ± 0.931 χ^2/NDF : 4003.6/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -58.407 ± 1.387 χ^2/NDF : 124.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -56.360 ± 1.378 χ^2/NDF : 165.2/13

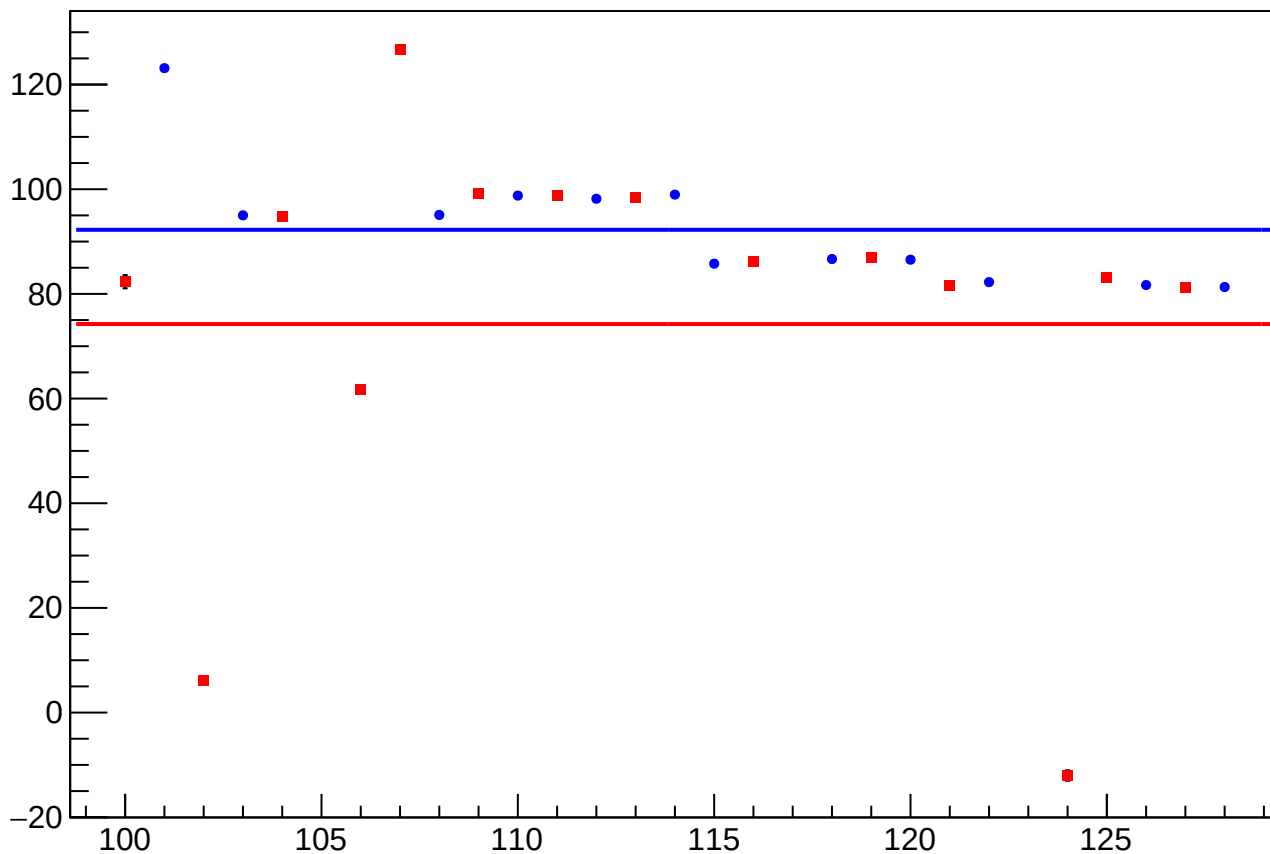
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -57.376 ± 0.978 χ^2/NDF : 290.9/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 92.249 $\pm$ 0.091 χ^2 /NDF: 10382.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 74.239 $\pm$ 0.080 χ^2 /NDF: 177055.4/13

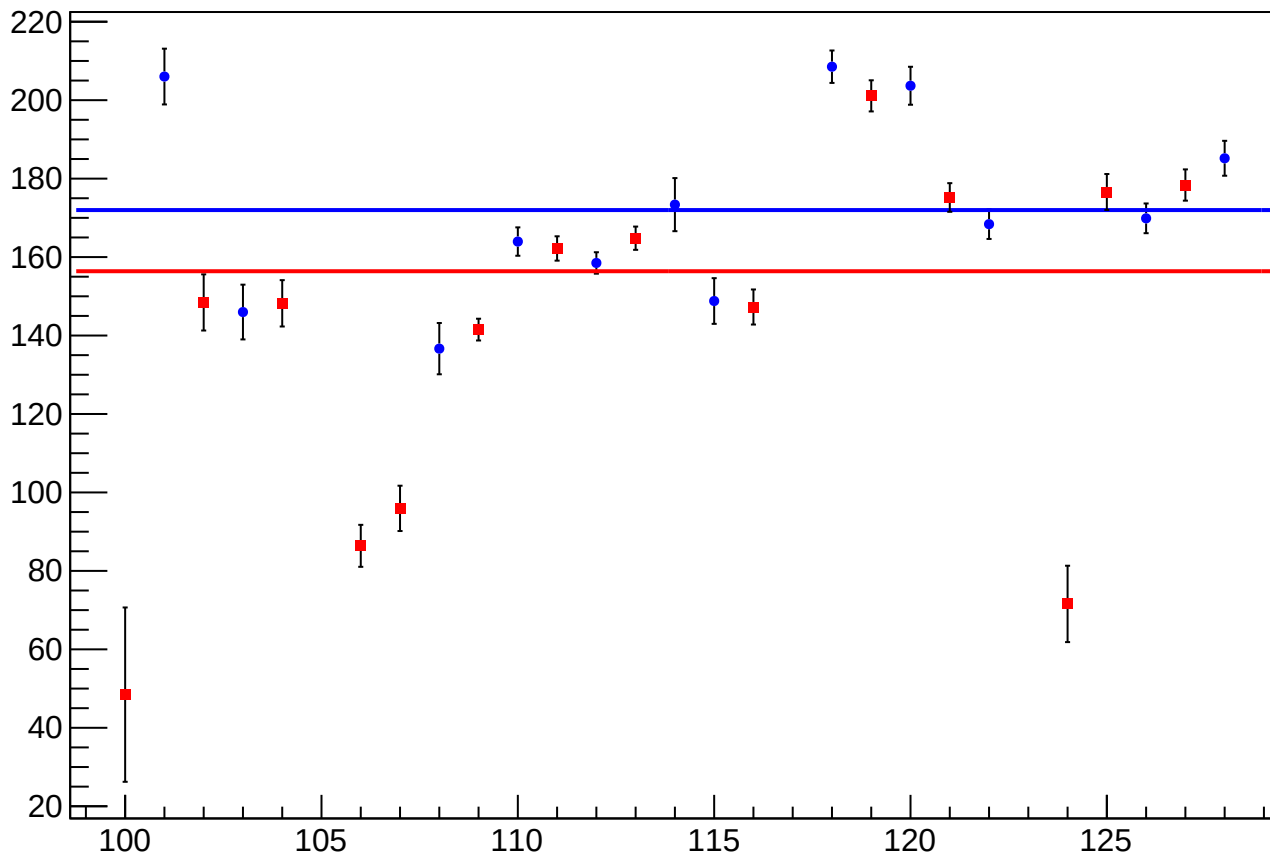
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 82.071 $\pm$ 0.060 χ^2 /NDF: 209679.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 171.985 $\pm$ 1.273 χ^2 /NDF: 242.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 156.395 $\pm$ 1.138 χ^2 /NDF: 631.2/13

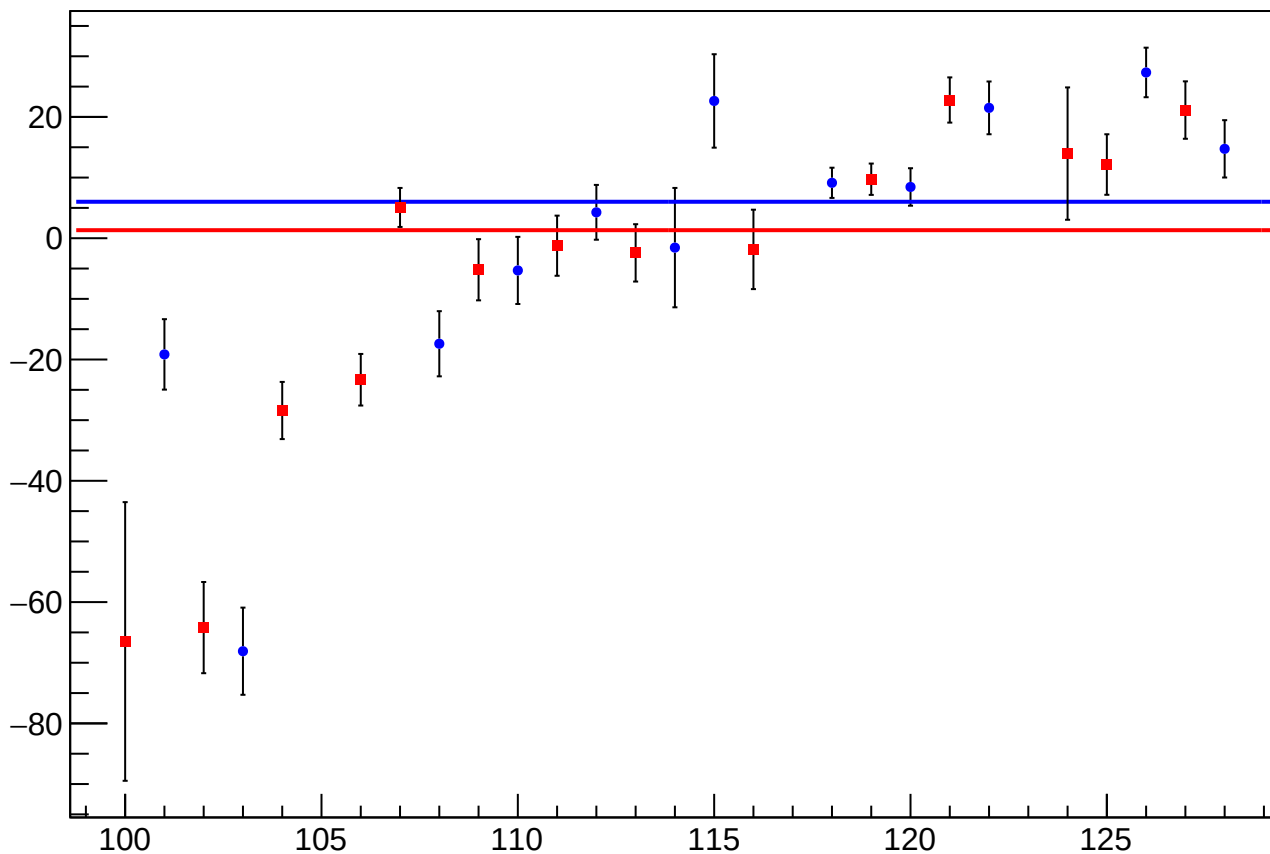
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 163.320 $\pm$ 0.848 χ^2 /NDF: 956.9/25

- 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: 6.011+/-1.274 χ^2/NDF : 199.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.325+/-1.213 χ^2/NDF : 229.5/13

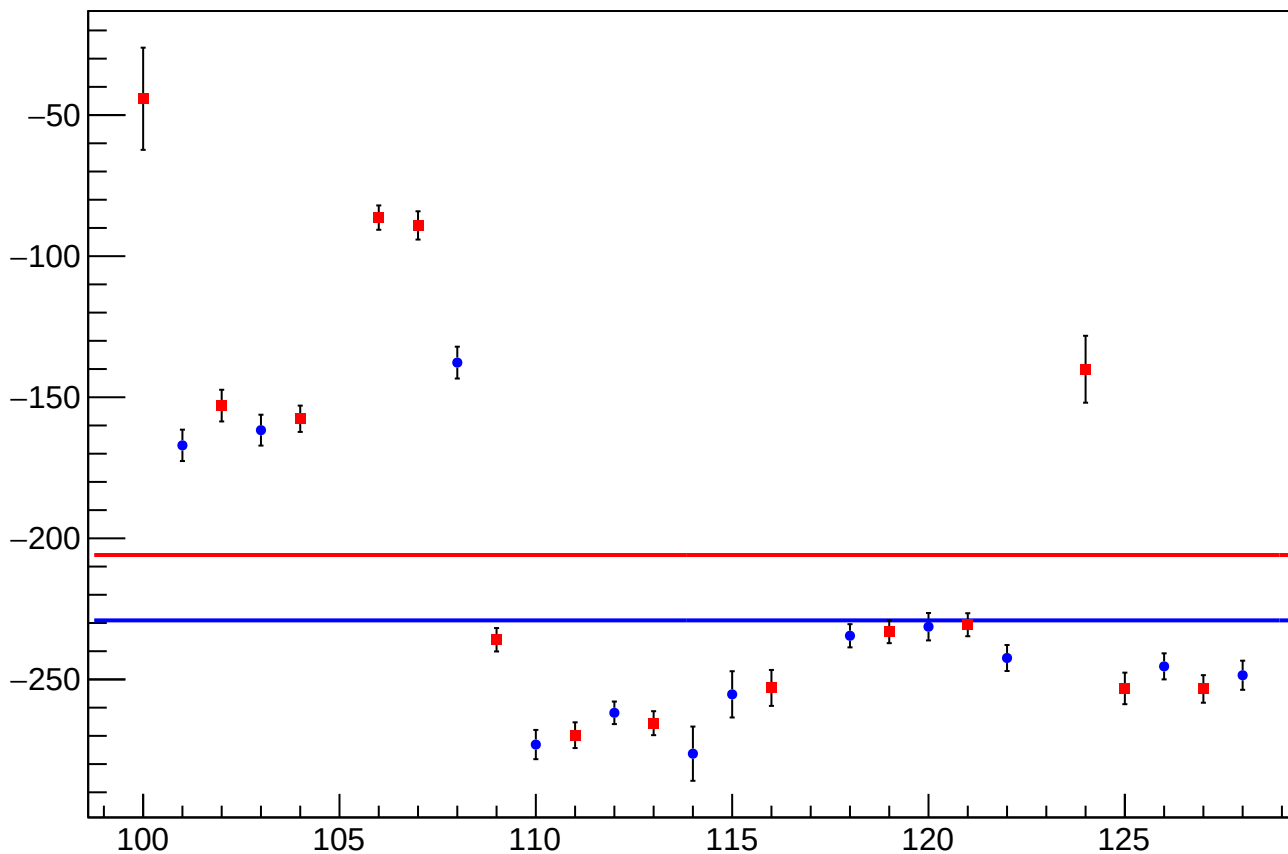
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.553+/-0.879 χ^2/NDF : 435.8/25

- 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: -229.074+/-1.482 χ^2/NDF : 748.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -205.907+/-1.333 χ^2/NDF : 2366.3/13

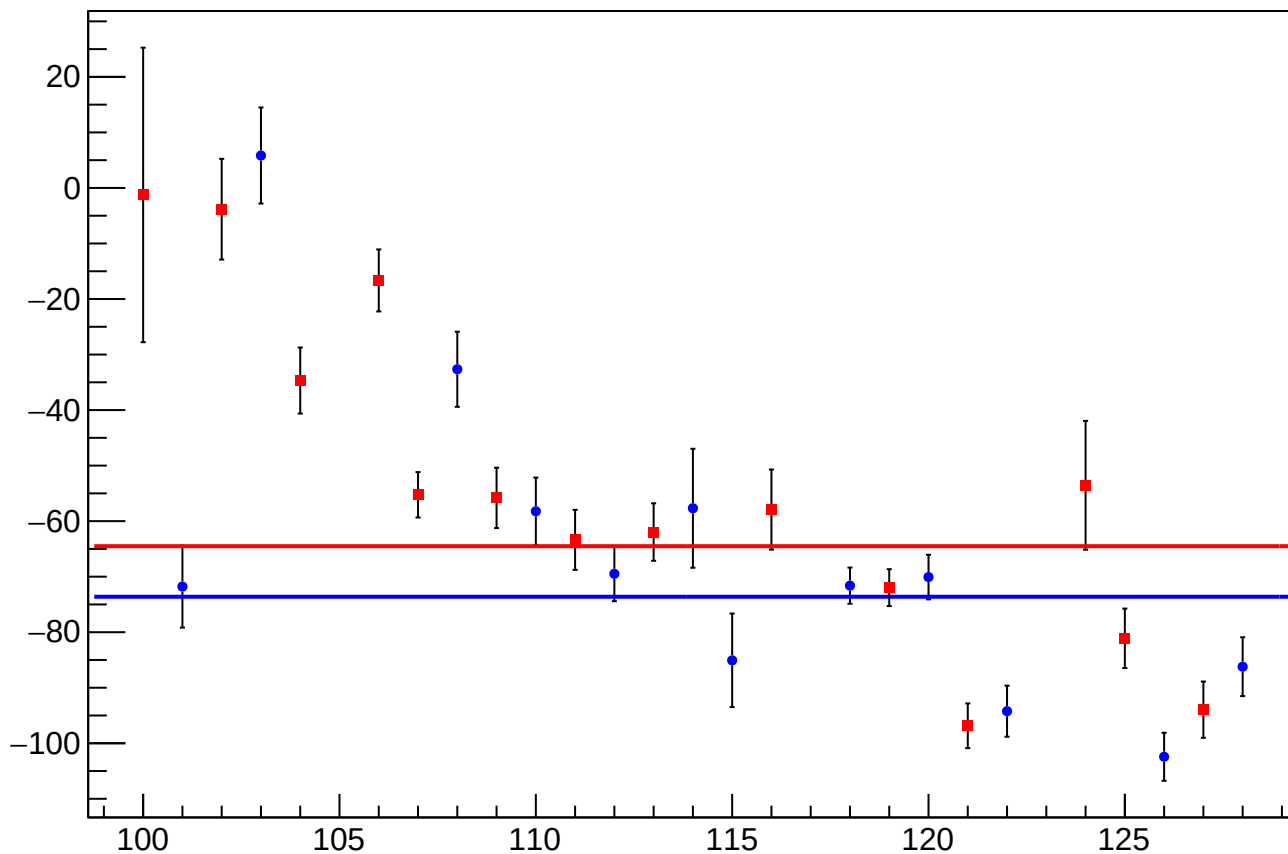
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -216.267+/-0.991 χ^2/NDF : 3250.3/25

- 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: -73.616 ± 1.513 χ^2/NDF : 203.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -64.510 ± 1.426 χ^2/NDF : 271.6/13

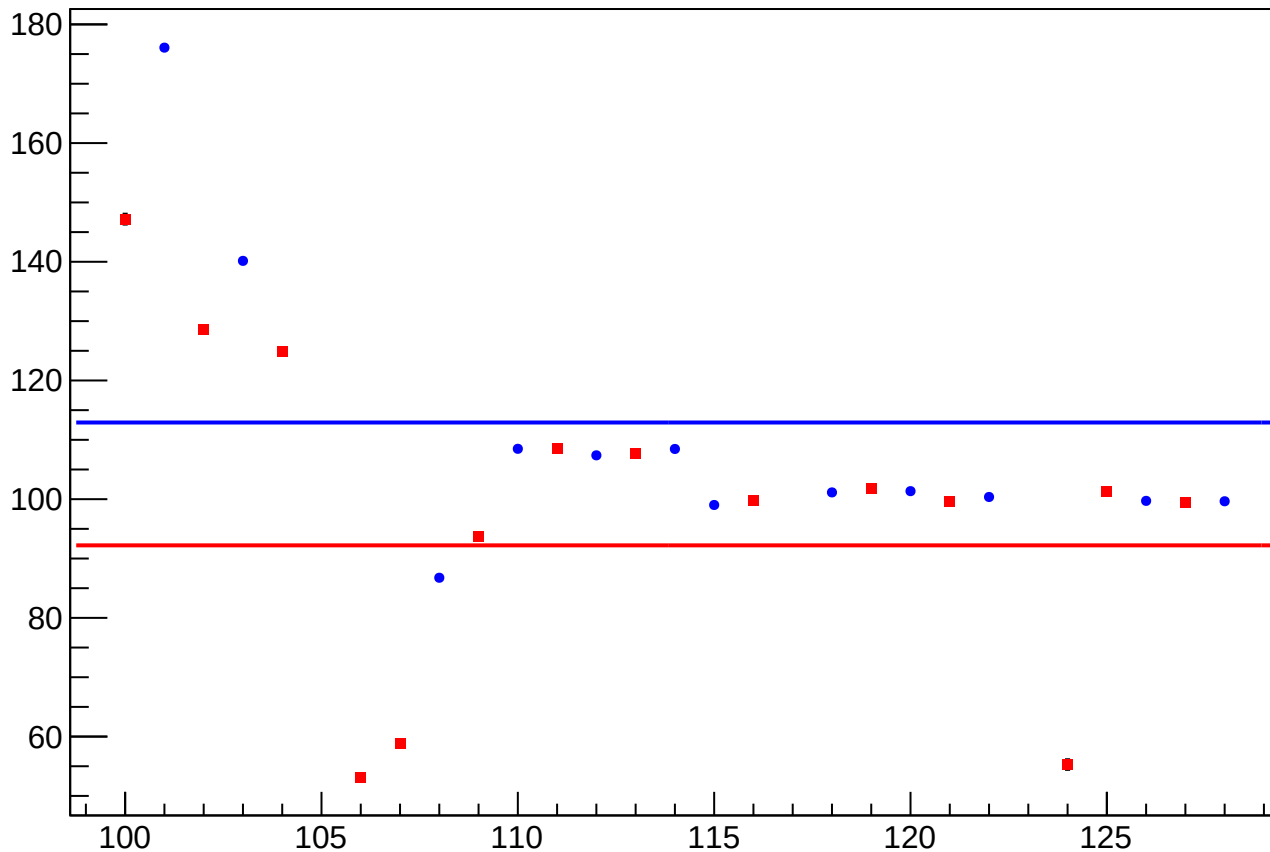
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -68.795 ± 1.038 χ^2/NDF : 494.3/25

- 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: 112.919 $\pm$ 0.098 χ^2 /NDF: 69768.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 92.219 $\pm$ 0.081 χ^2 /NDF: 122780.8/13

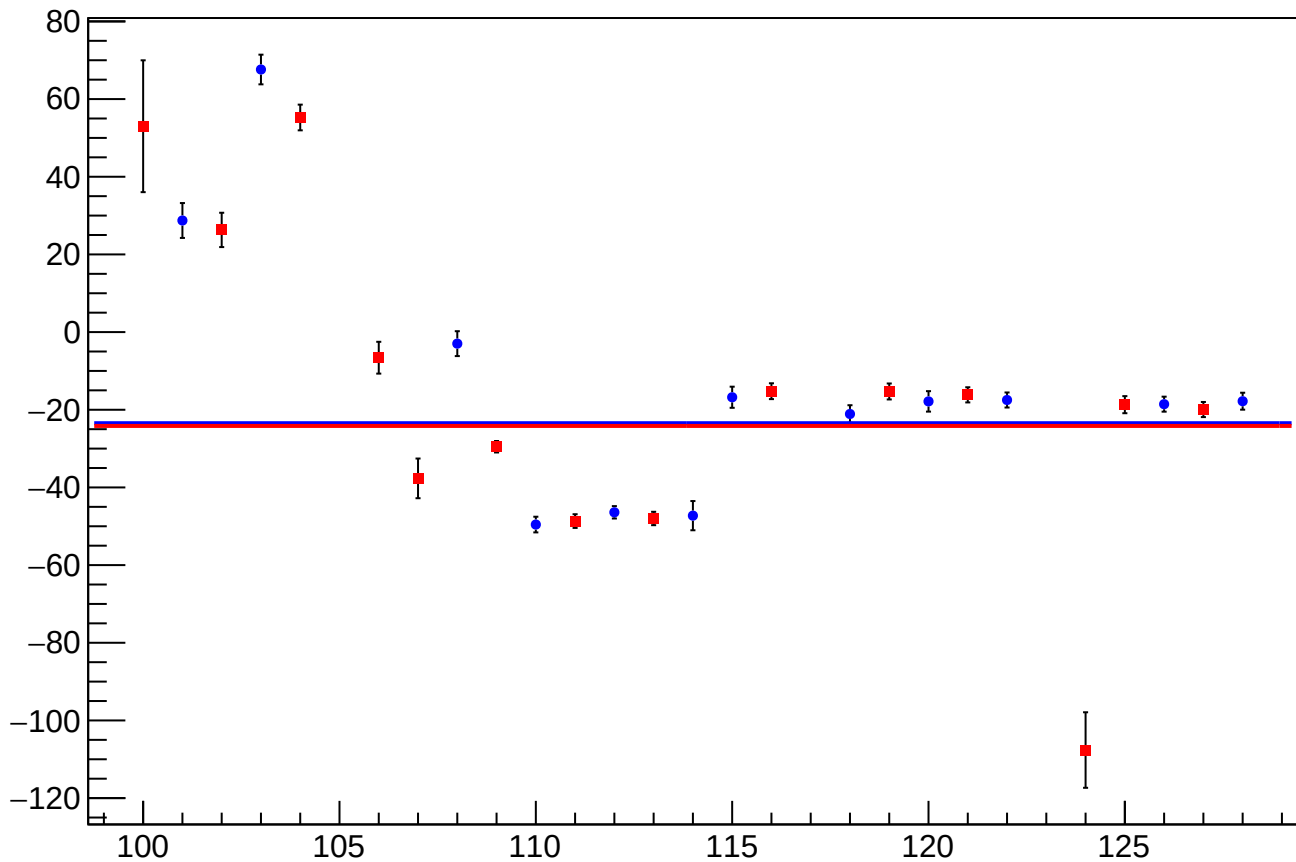
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.629 $\pm$ 0.062 χ^2 /NDF: 219096.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



Right In: -23.462 $\pm$ 0.683 χ^2 /NDF: 1192.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -24.164 $\pm$ 0.622 χ^2 /NDF: 1289.1/13

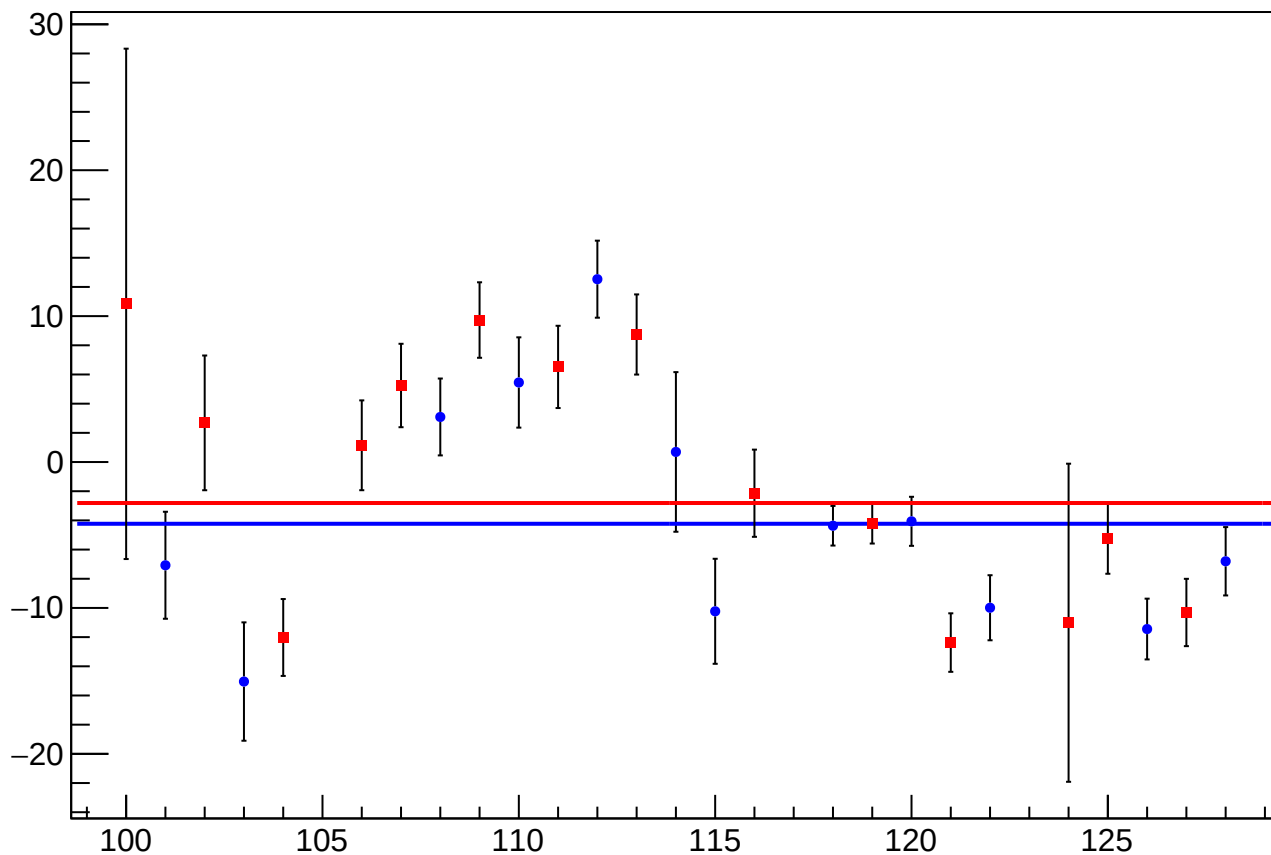
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -23.845 $\pm$ 0.460 χ^2 /NDF: 2482.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -4.231+/-0.682 χ^2/NDF : 89.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.808+/-0.692 χ^2/NDF : 112.0/13

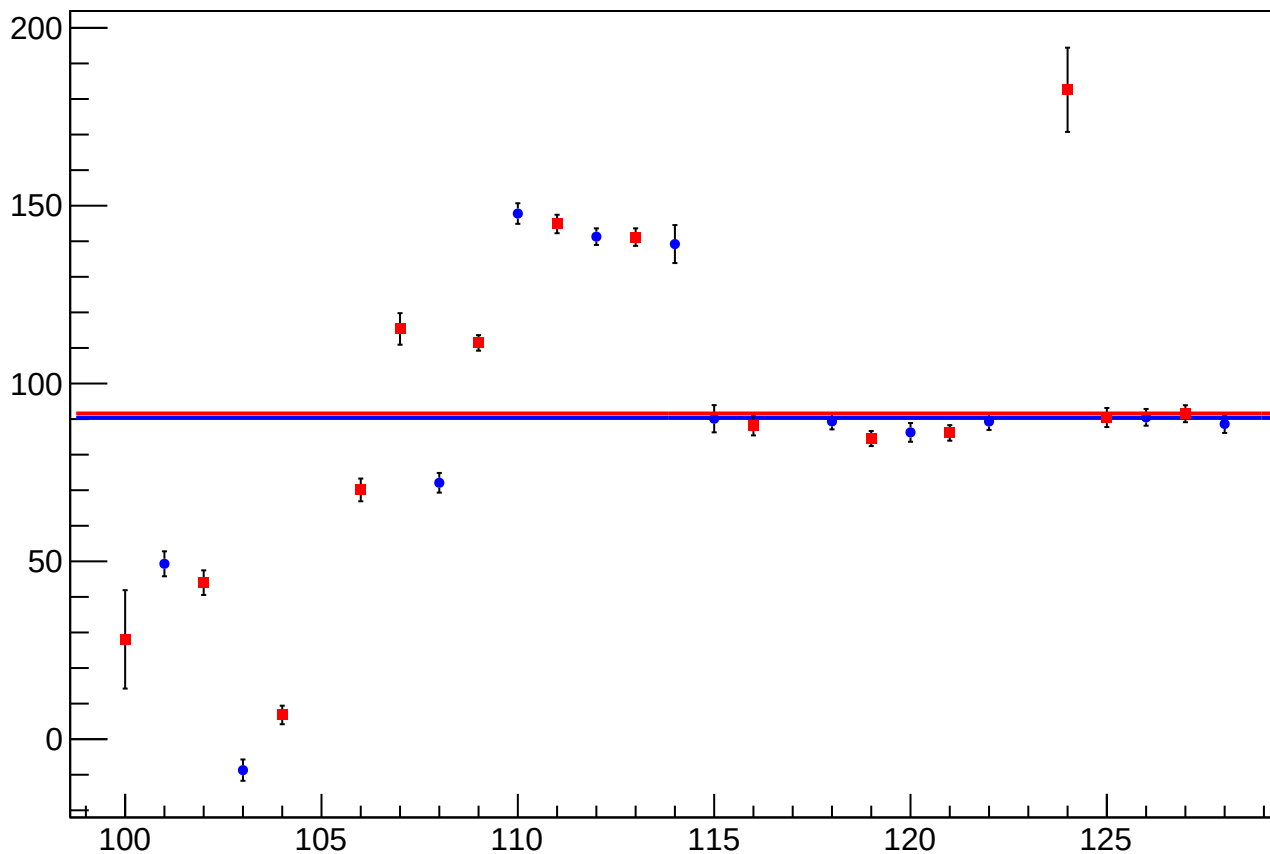
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.529+/-0.486 χ^2/NDF : 203.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 90.326+/-0.794 χ^2 /NDF: 2230.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 91.574+/-0.750 χ^2 /NDF: 2324.7/13

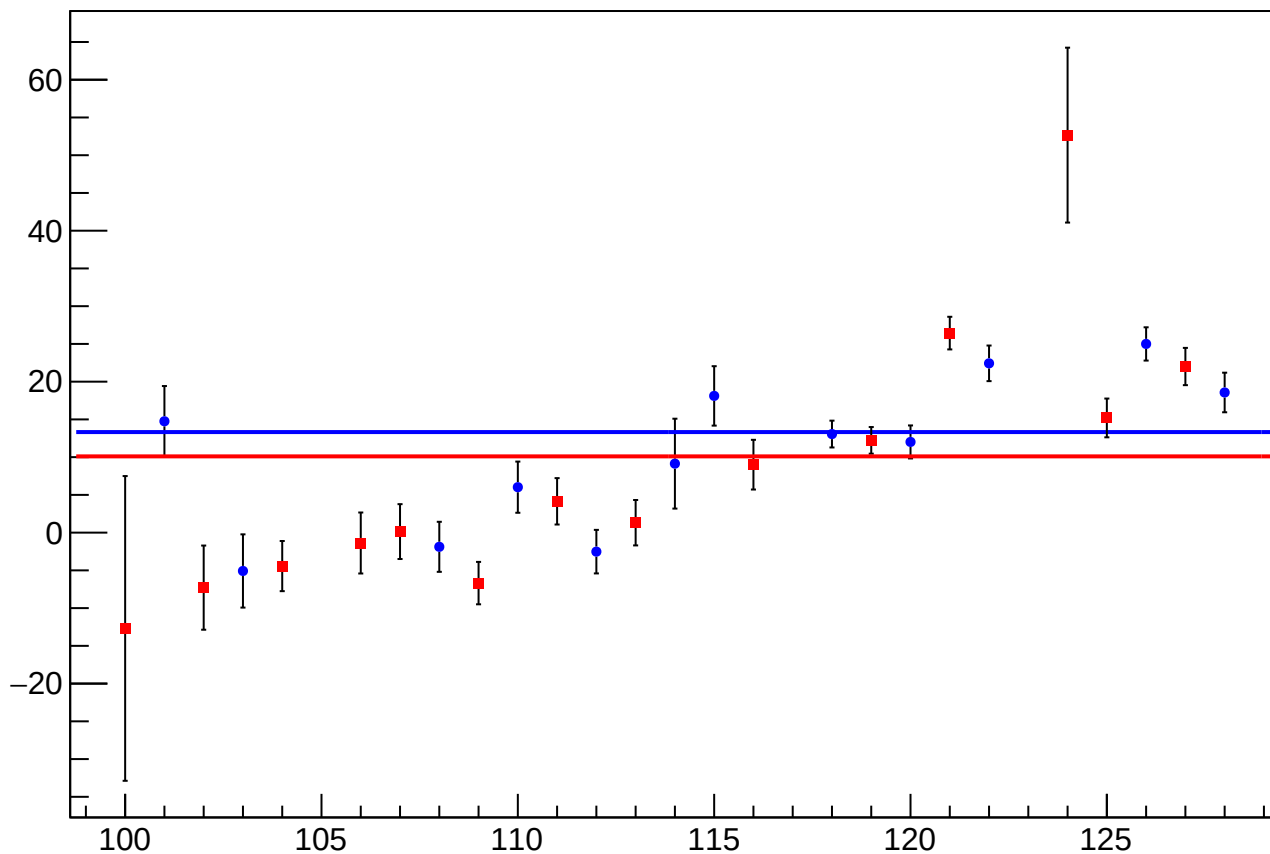
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 90.986+/-0.545 χ^2 /NDF: 4556.0/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug



Right In: 13.322 $\pm$ 0.807 χ^2 /NDF: 119.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.102 $\pm$ 0.802 χ^2 /NDF: 193.0/13

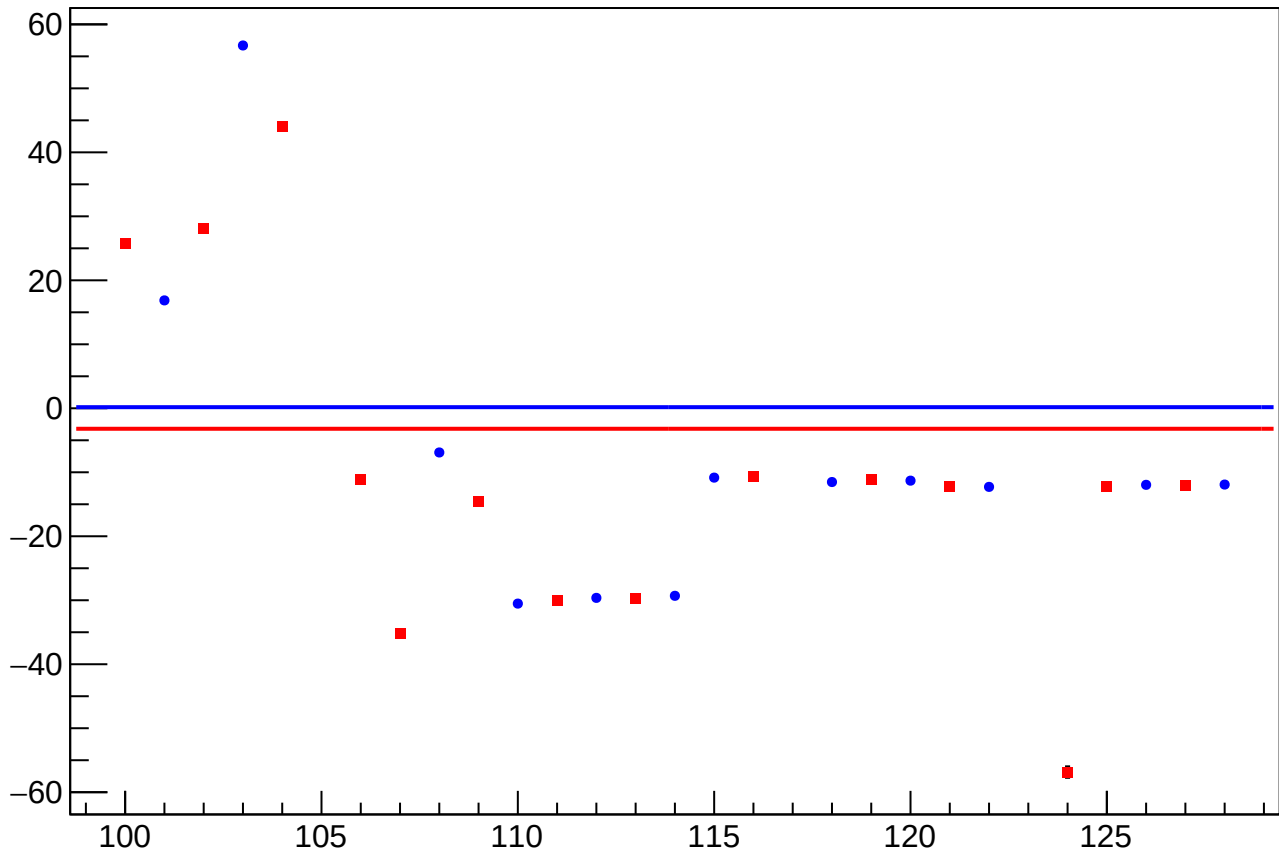
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.702 $\pm$ 0.569 χ^2 /NDF: 320.7/25

- 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: 0.174+/-0.052 χ^2/NDF : 281765.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.200+/-0.049 χ^2/NDF : 275639.2/13

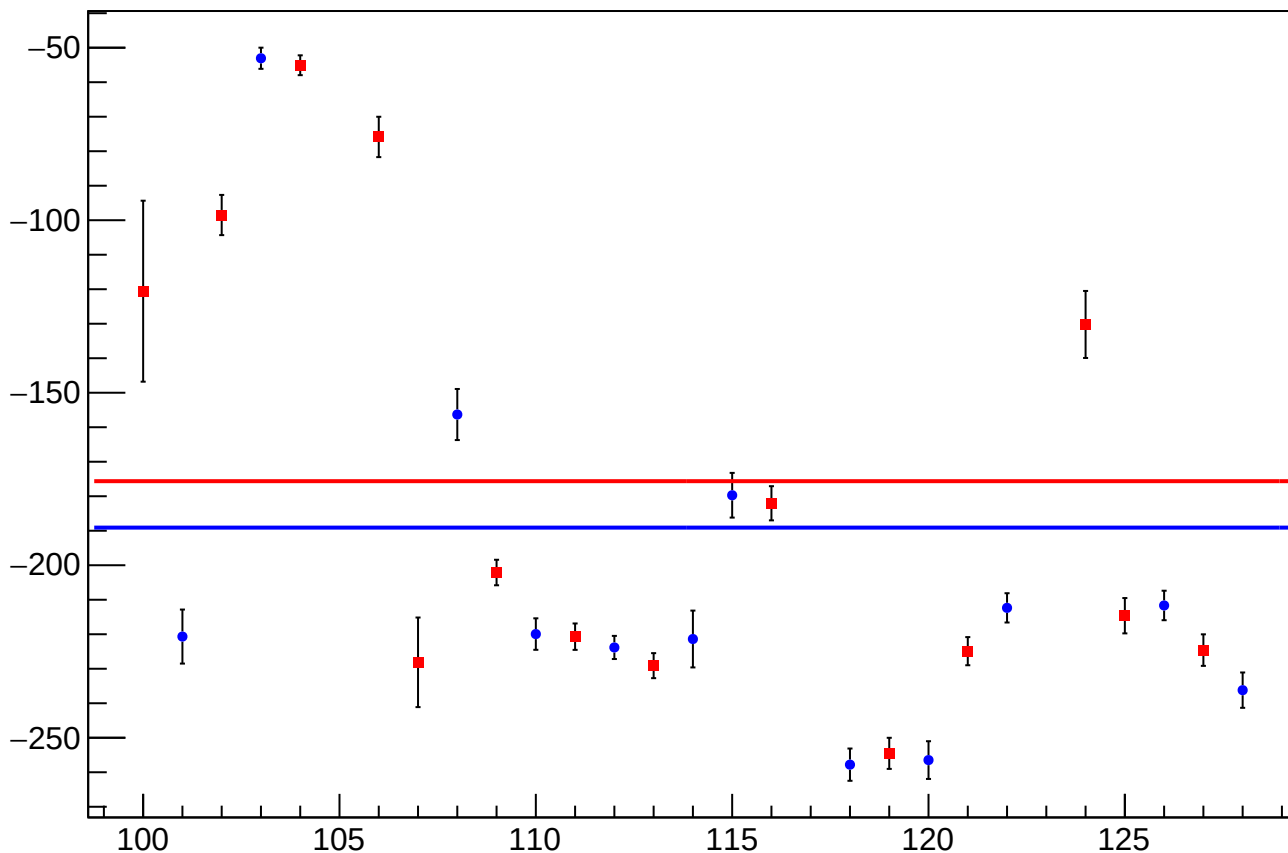
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.606+/-0.036 χ^2/NDF : 559621.8/25

- 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: -189.091+/-1.356 χ^2/NDF : 2683.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -175.634+/-1.239 χ^2/NDF : 3300.6/13

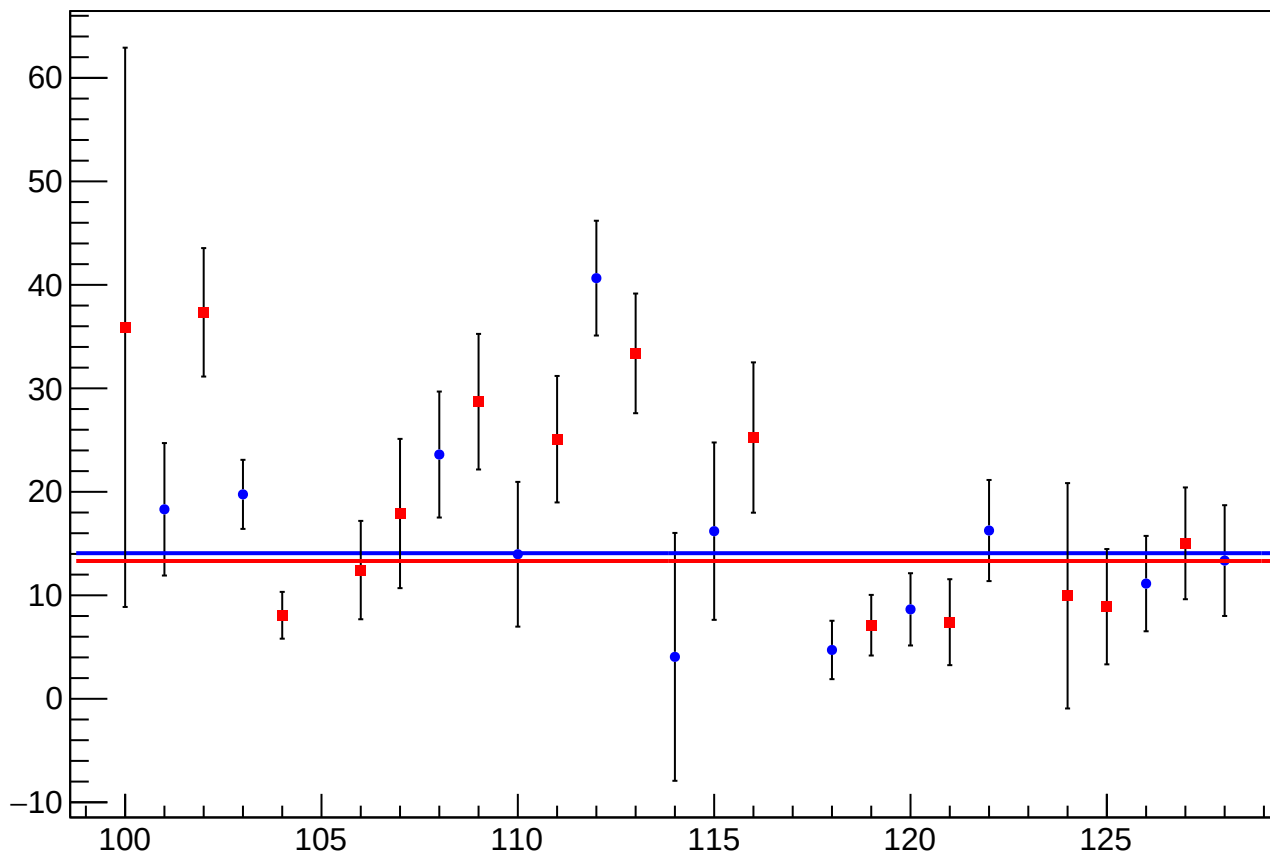
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -181.759+/-0.915 χ^2/NDF : 6037.9/25

- 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: 14.071 $\pm$ 1.353 χ^2 /NDF: 43.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.317 $\pm$ 1.255 χ^2 /NDF: 52.8/13

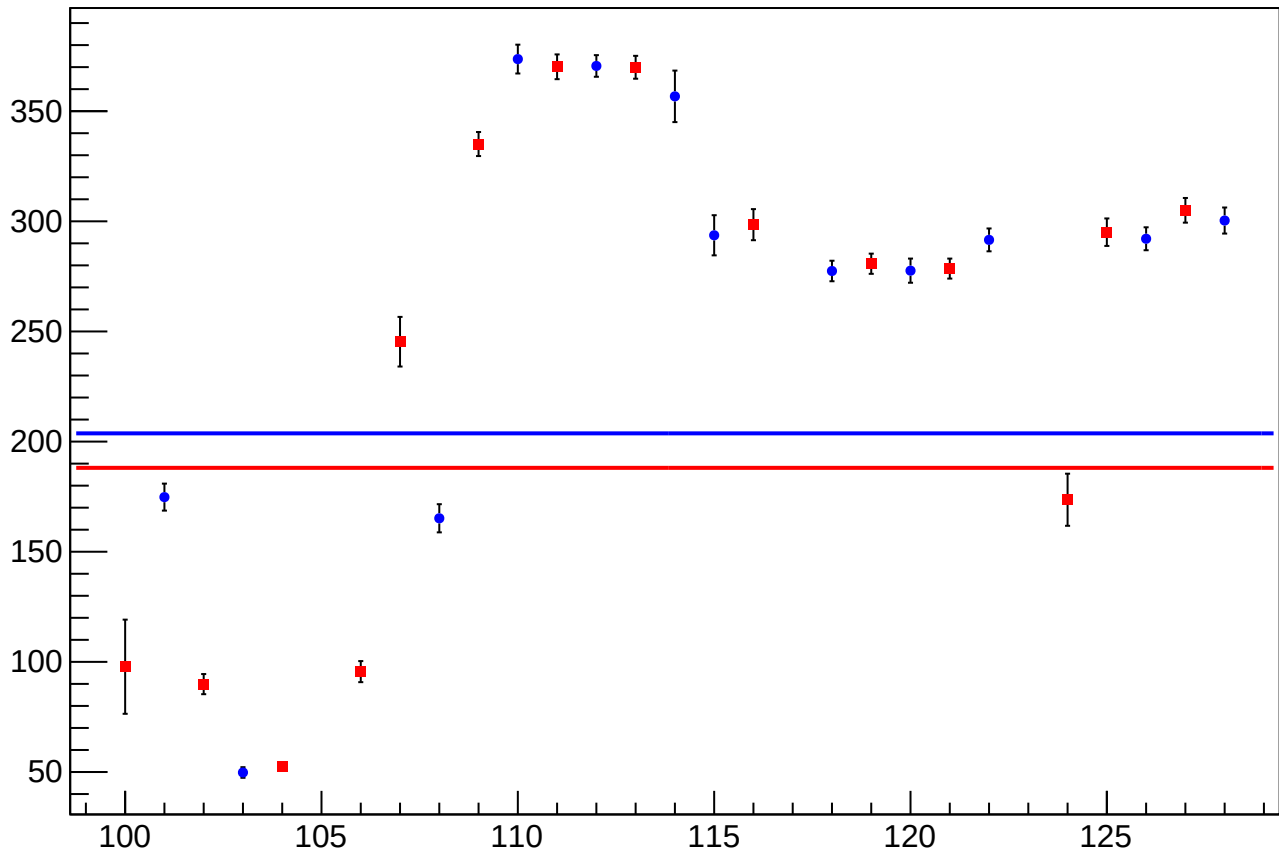
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.665 $\pm$ 0.920 χ^2 /NDF: 96.5/25

- 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: 203.738 $\pm$ 1.429 χ^2 /NDF: 7511.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 188.085 $\pm$ 1.314 χ^2 /NDF: 9229.4/13

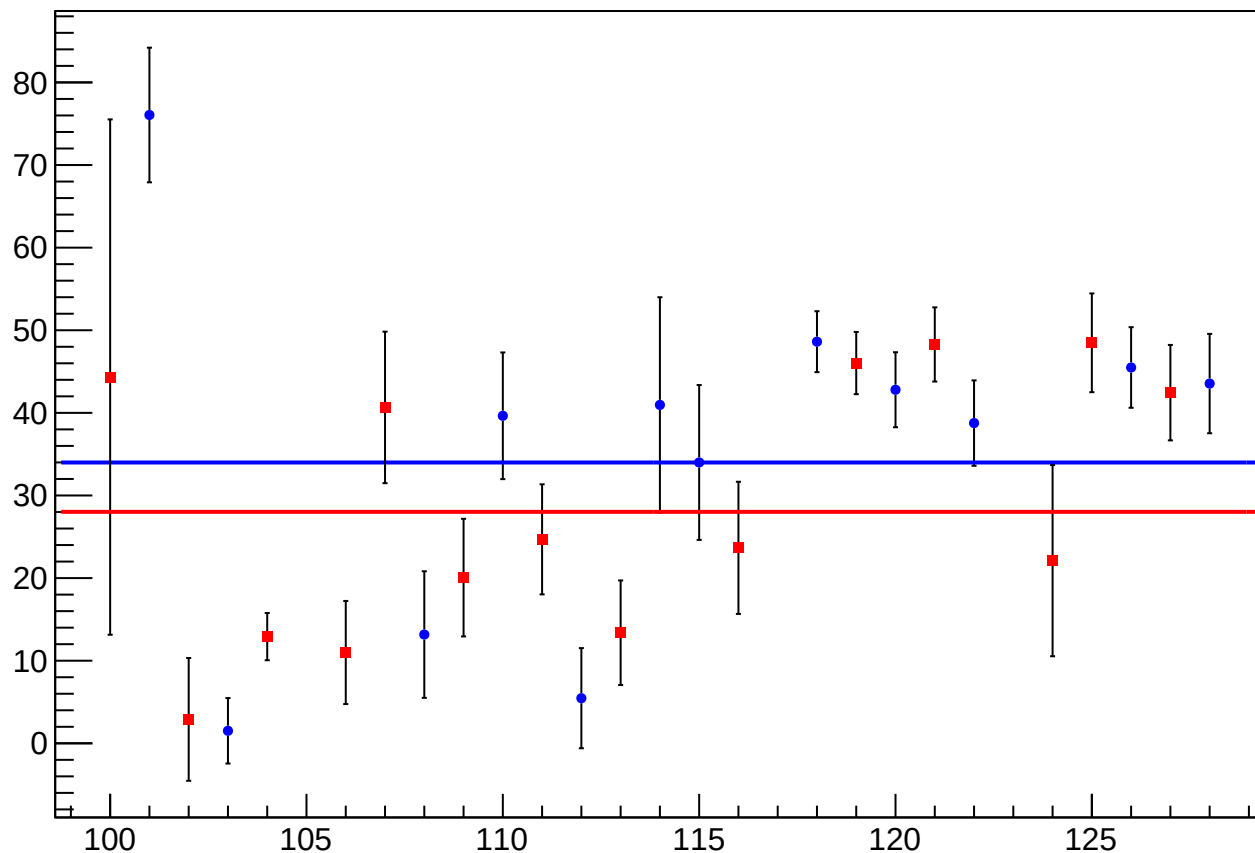
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 195.254 $\pm$ 0.967 χ^2 /NDF: 16806.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 33.994+/-1.609 χ^2/NDF : 152.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.019+/-1.496 χ^2/NDF : 117.5/13

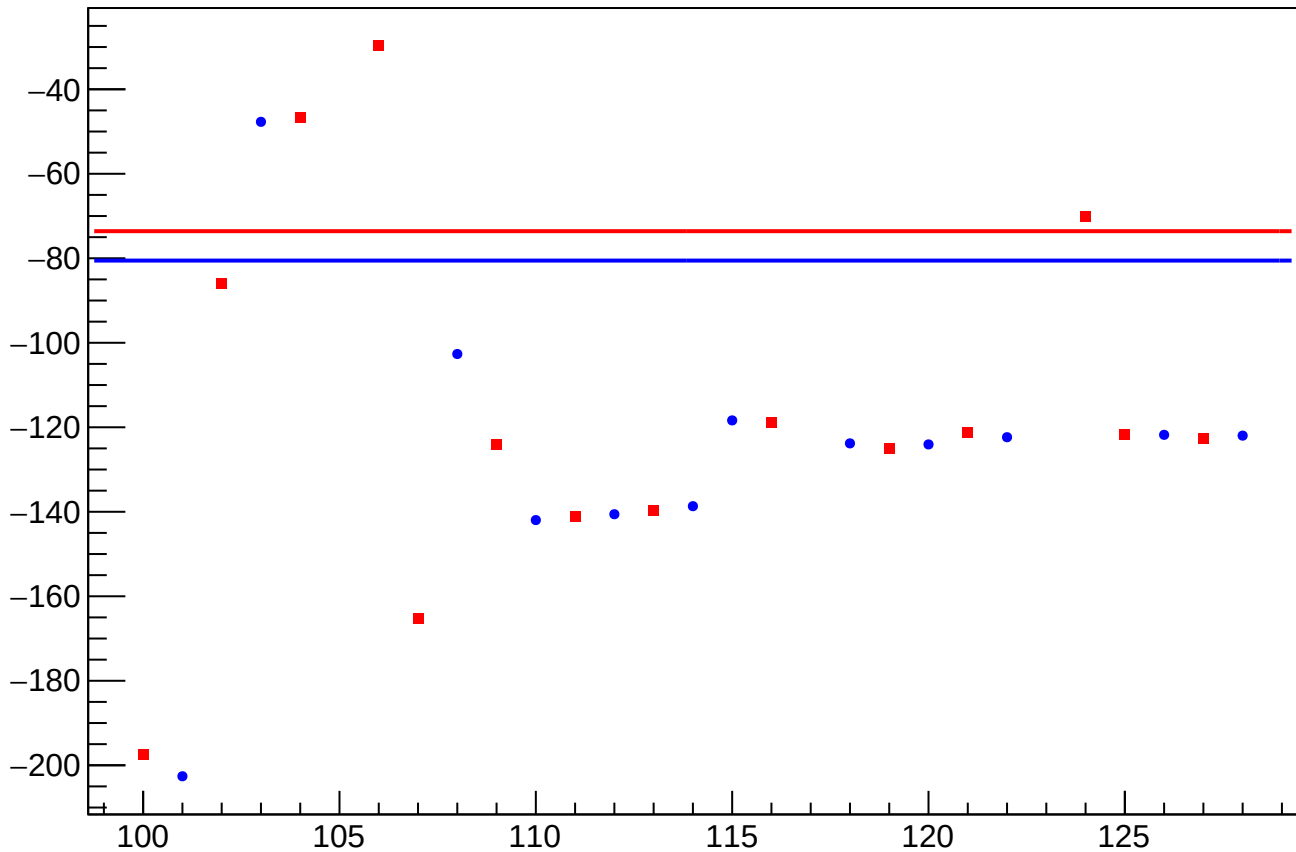
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.789+/-1.095 χ^2/NDF : 277.4/25

- 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: -80.543+/-0.078 χ^2/NDF : 323776.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -73.588+/-0.073 χ^2/NDF : 297693.4/13

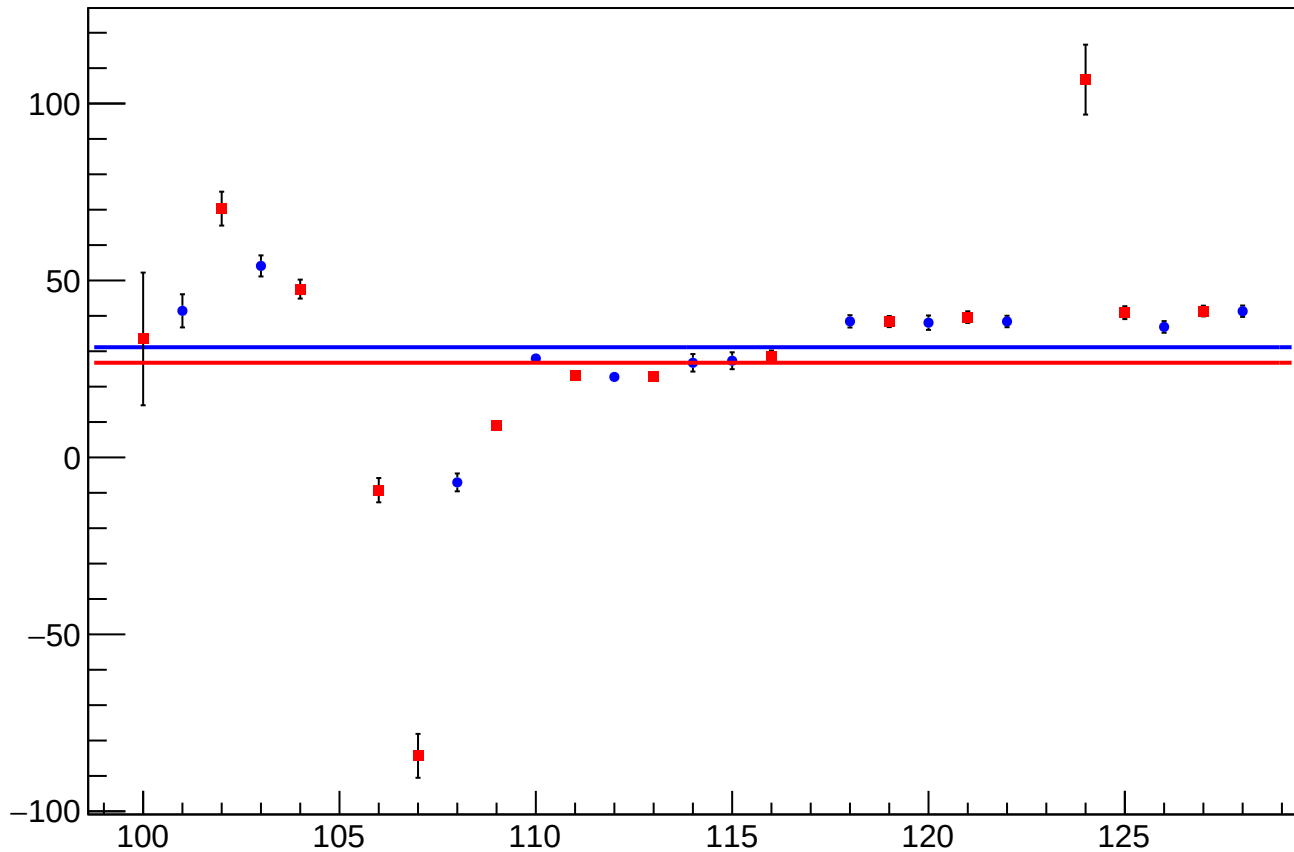
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -76.839+/-0.053 χ^2/NDF : 625710.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



Right In: 31.140 $\pm$ 0.516 χ^2 /NDF: 464.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 26.754 $\pm$ 0.476 χ^2 /NDF: 1201.6/13

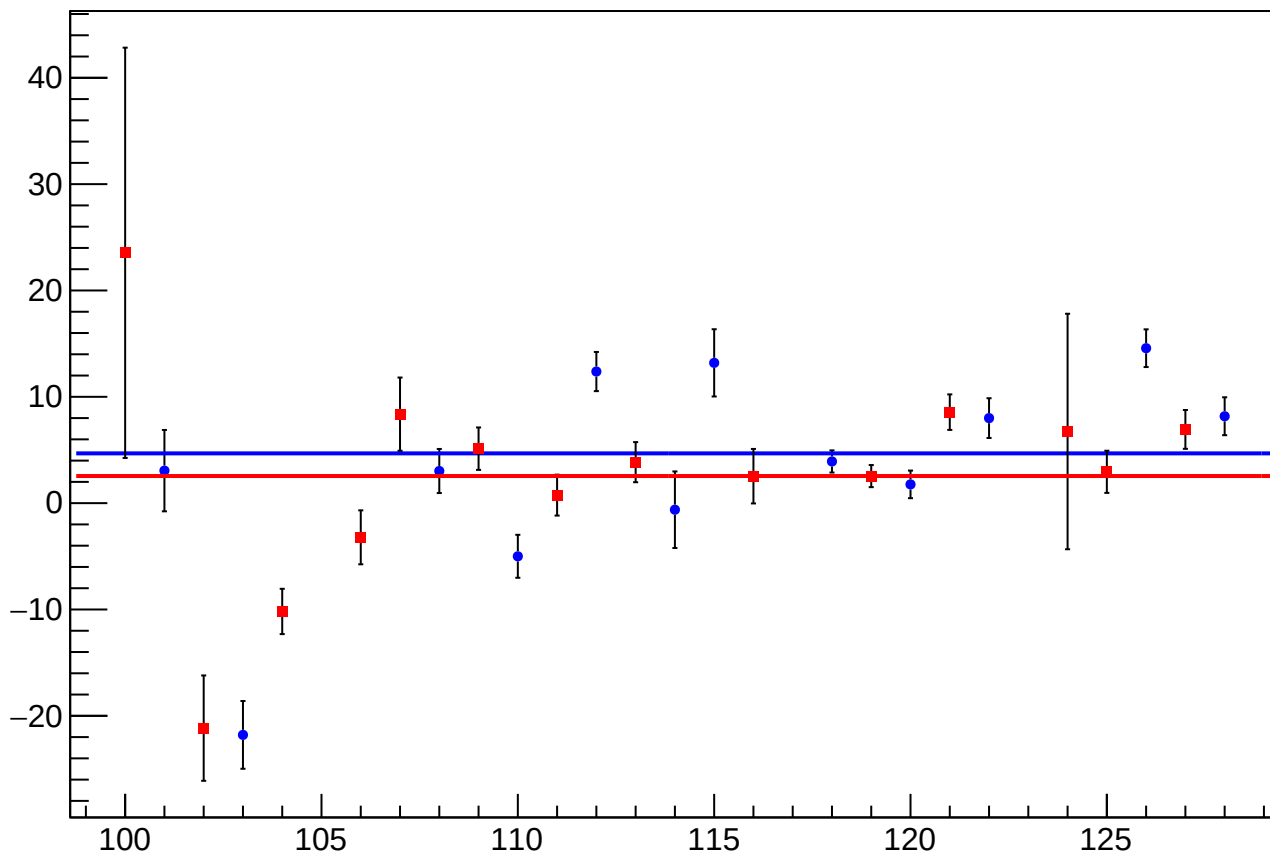
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.769 $\pm$ 0.350 χ^2 /NDF: 1704.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 4.681+/-0.531 χ^2/NDF : 163.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.551+/-0.550 χ^2/NDF : 89.8/13

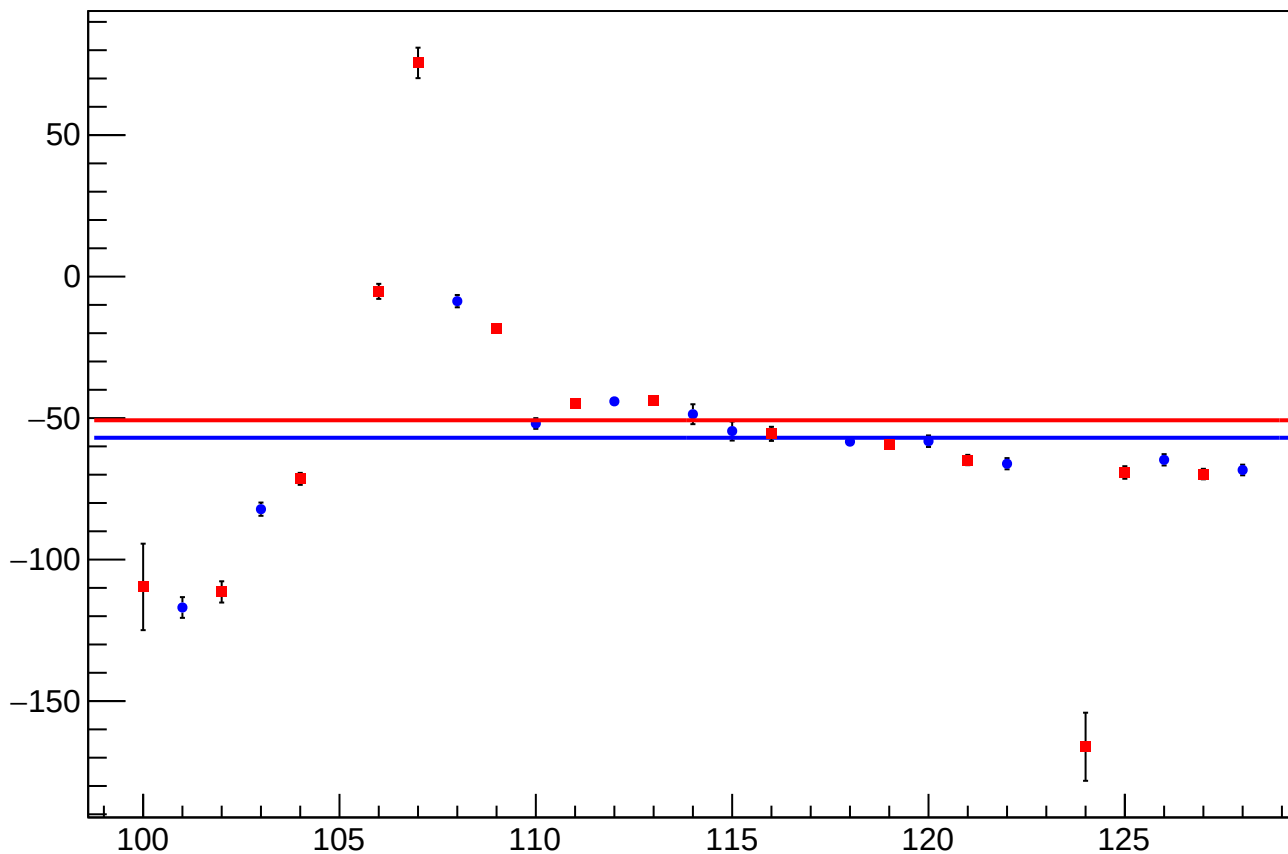
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.655+/-0.382 χ^2/NDF : 260.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -56.951 ± 0.613 $\chi^2/\text{NDF}: 1025.4/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -50.774 ± 0.590 $\chi^2/\text{NDF}: 2007.8/13$

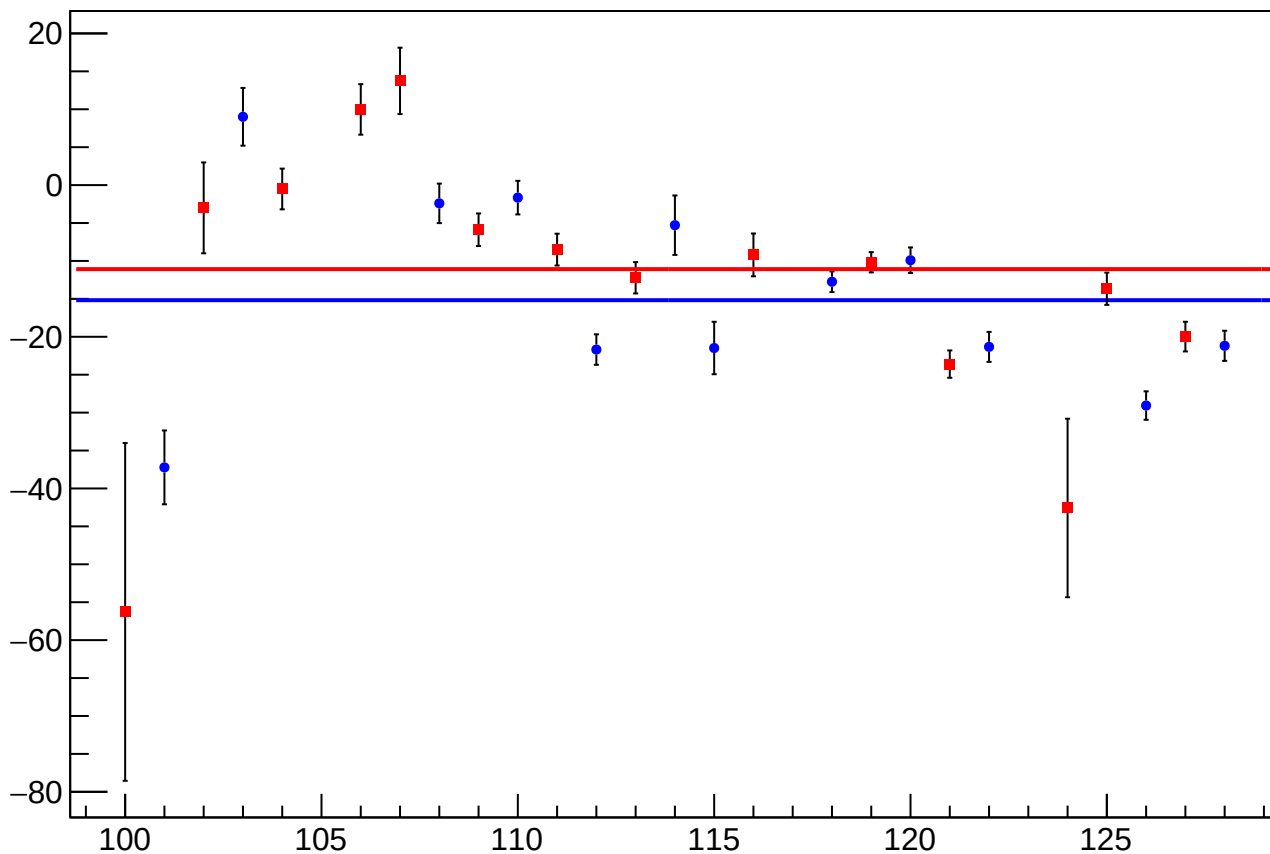
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -53.741 ± 0.425 $\chi^2/\text{NDF}: 3085.9/25$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -15.175 ± 0.627 χ^2/NDF : 229.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.079 ± 0.636 χ^2/NDF : 179.7/13

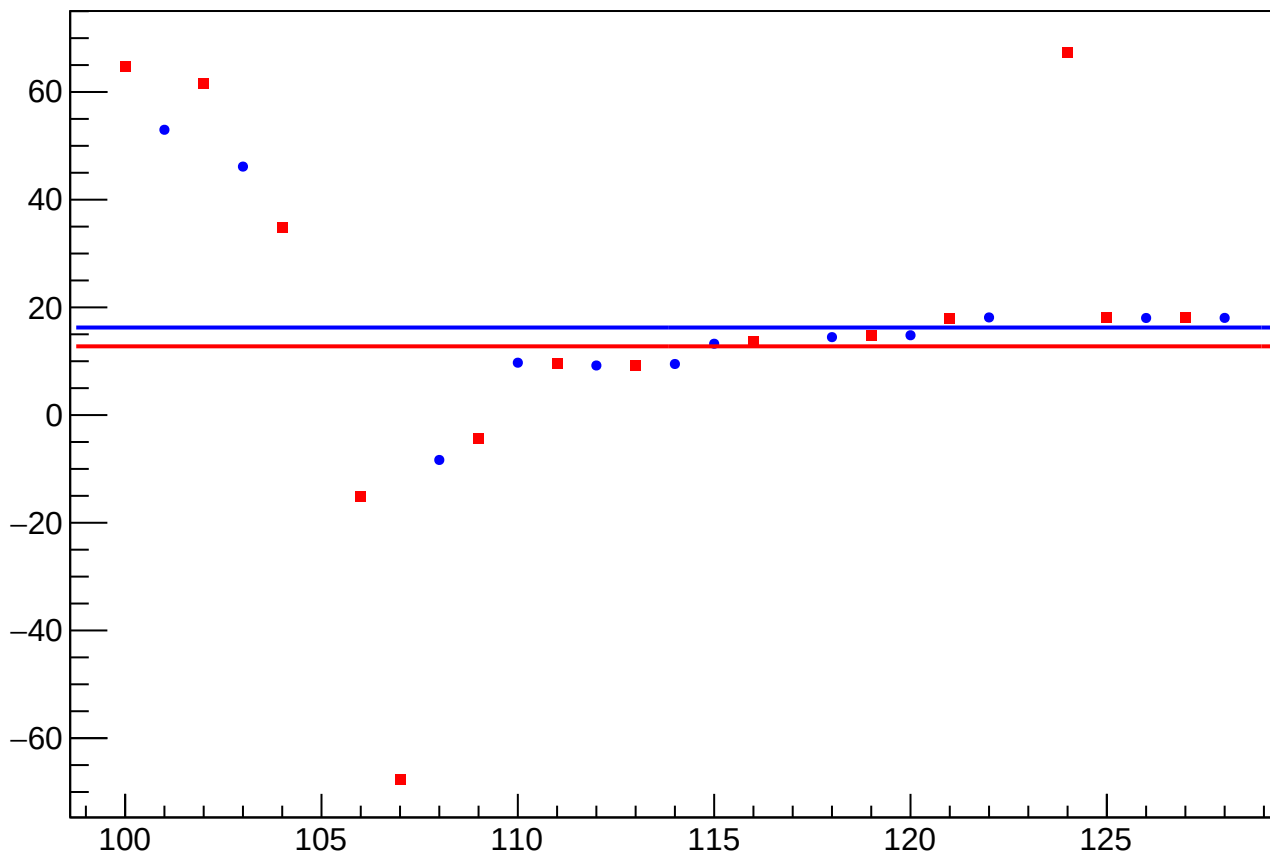
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.155 ± 0.447 χ^2/NDF : 429.8/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 16.260 $\pm$ 0.041 χ^2 /NDF: 204757.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 12.764 $\pm$ 0.040 χ^2 /NDF: 351042.5/13

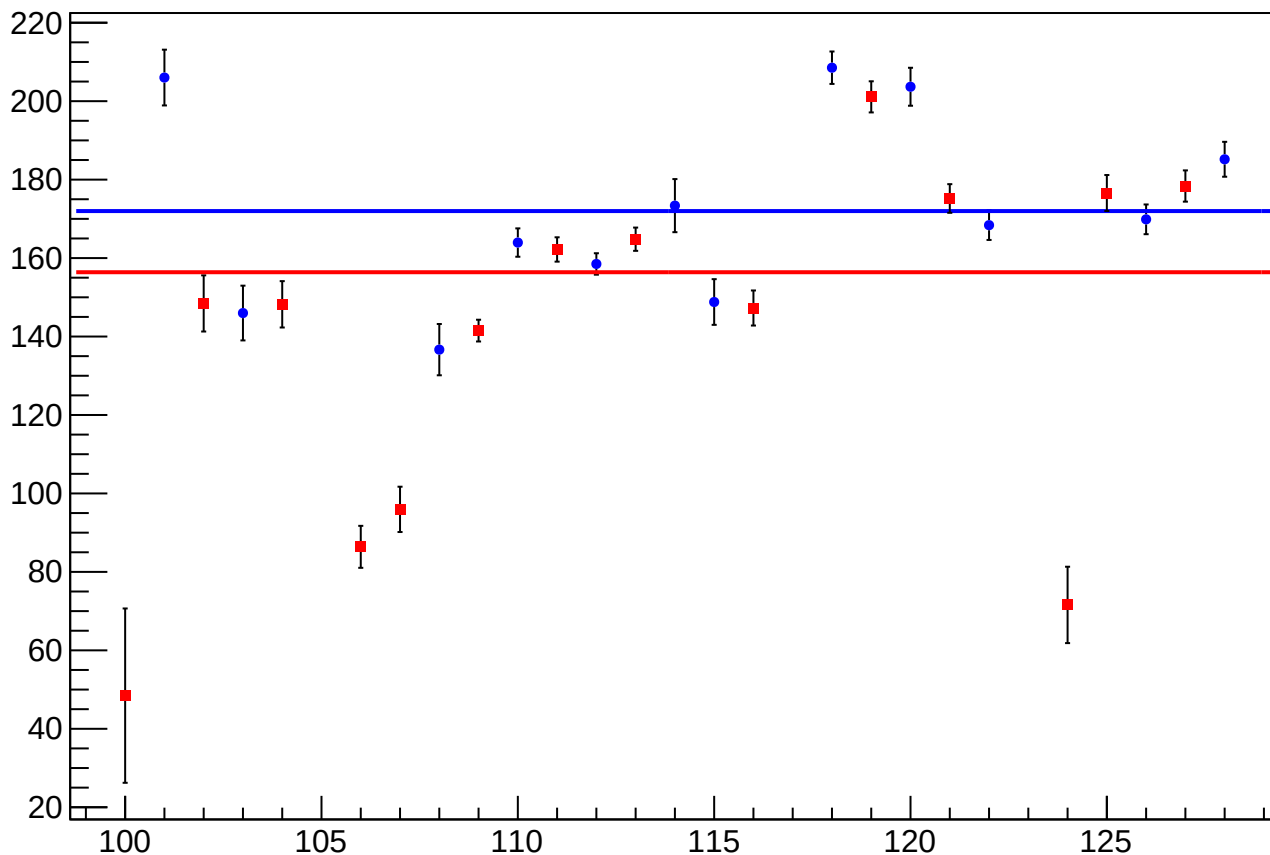
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.503 $\pm$ 0.029 χ^2 /NDF: 559511.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_avg_at2_avg_dd_diff_bpm1X_slope vs Slug



Right In: 171.985 $\pm$ 1.273 χ^2 /NDF: 242.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 156.395 $\pm$ 1.138 χ^2 /NDF: 631.2/13

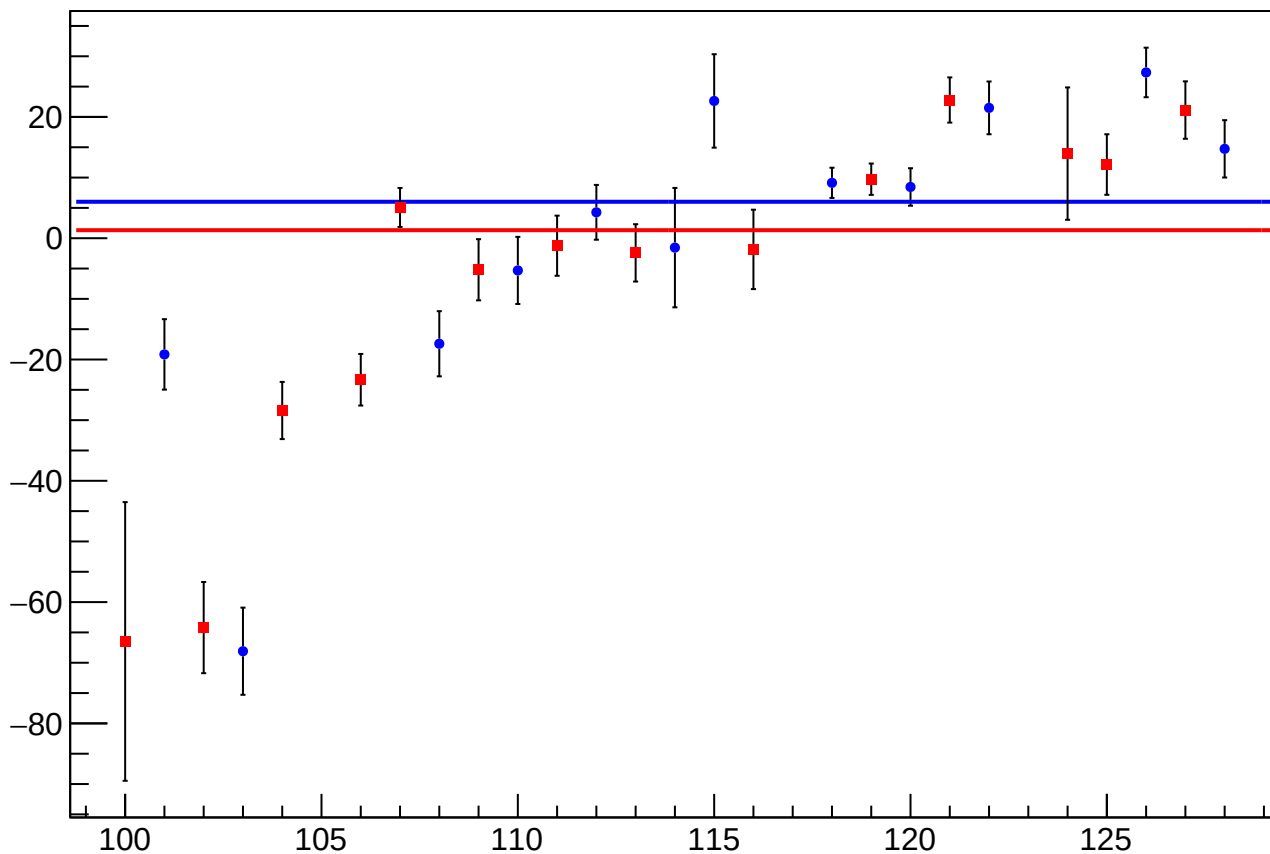
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 163.320 $\pm$ 0.848 χ^2 /NDF: 956.9/25

- 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: 6.011+/-1.274 χ^2/NDF : 199.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.325+/-1.213 χ^2/NDF : 229.5/13

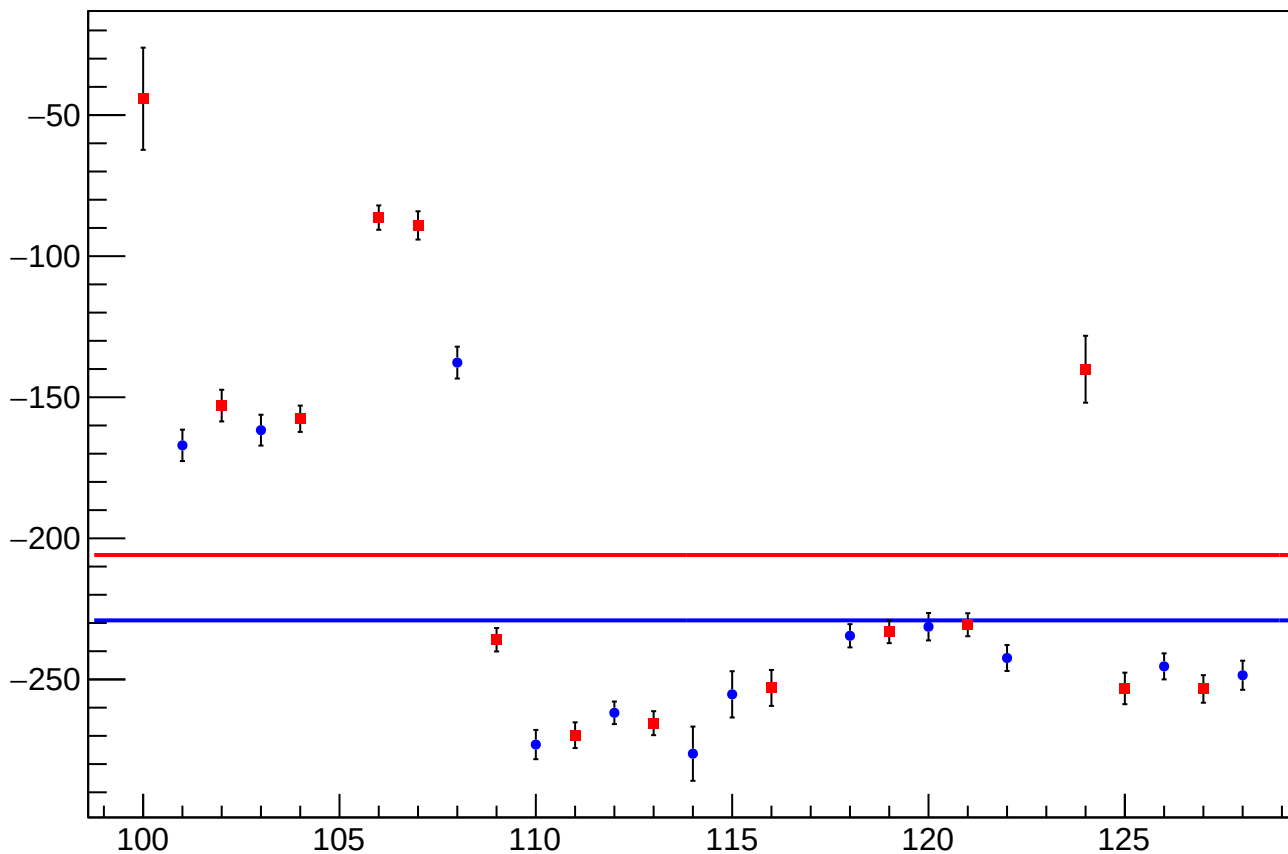
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.553+/-0.879 χ^2/NDF : 435.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -229.074+/-1.482 χ^2/NDF : 748.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -205.907+/-1.333 χ^2/NDF : 2366.3/13

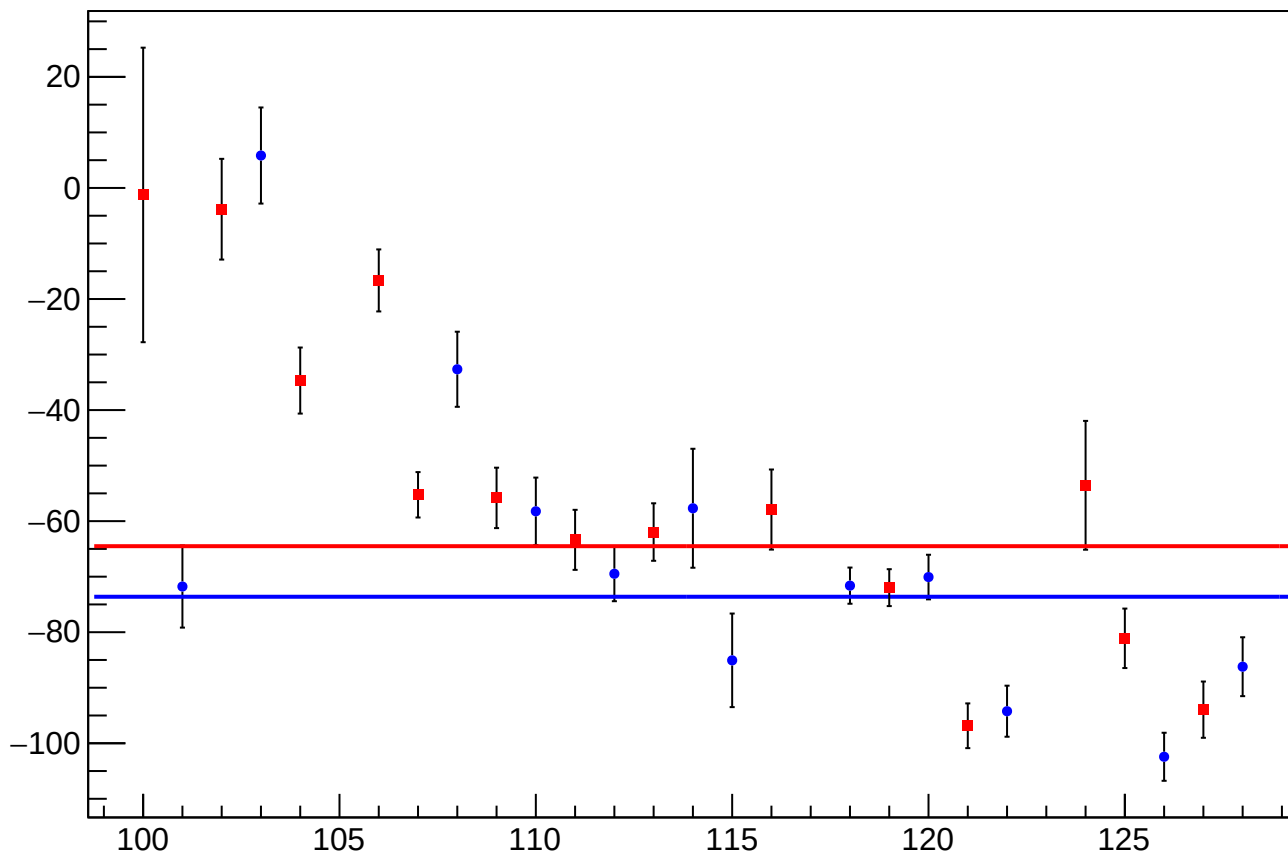
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -216.267+/-0.991 χ^2/NDF : 3250.3/25

- 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: -73.616+/-1.513 χ^2/NDF : 203.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -64.510+/-1.426 χ^2/NDF : 271.6/13

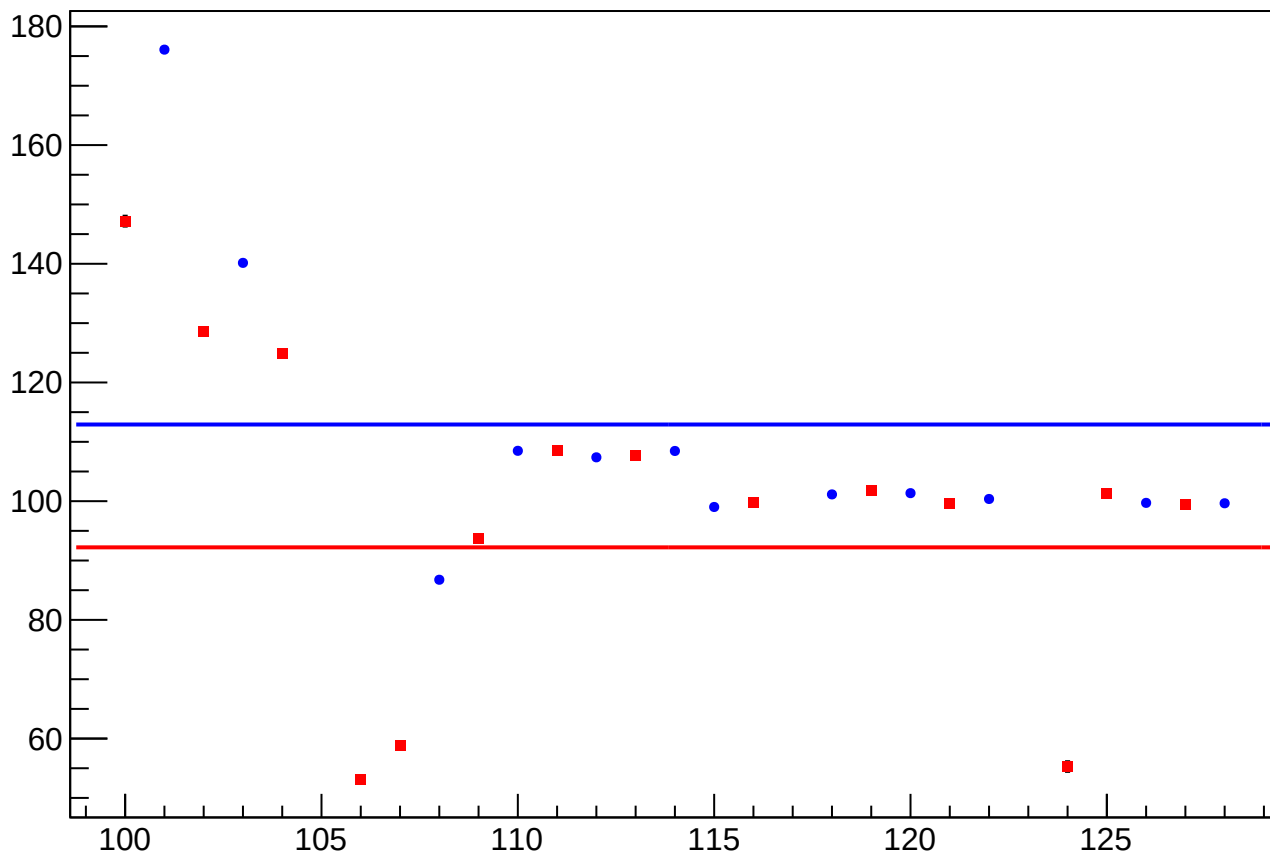
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.795+/-1.038 χ^2/NDF : 494.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_at2_avg_dd_diff_bpm12X_slope vs Slug



Right In: 112.919+/-0.098 χ^2/NDF : 69768.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.219+/-0.081 χ^2/NDF : 122780.8/13

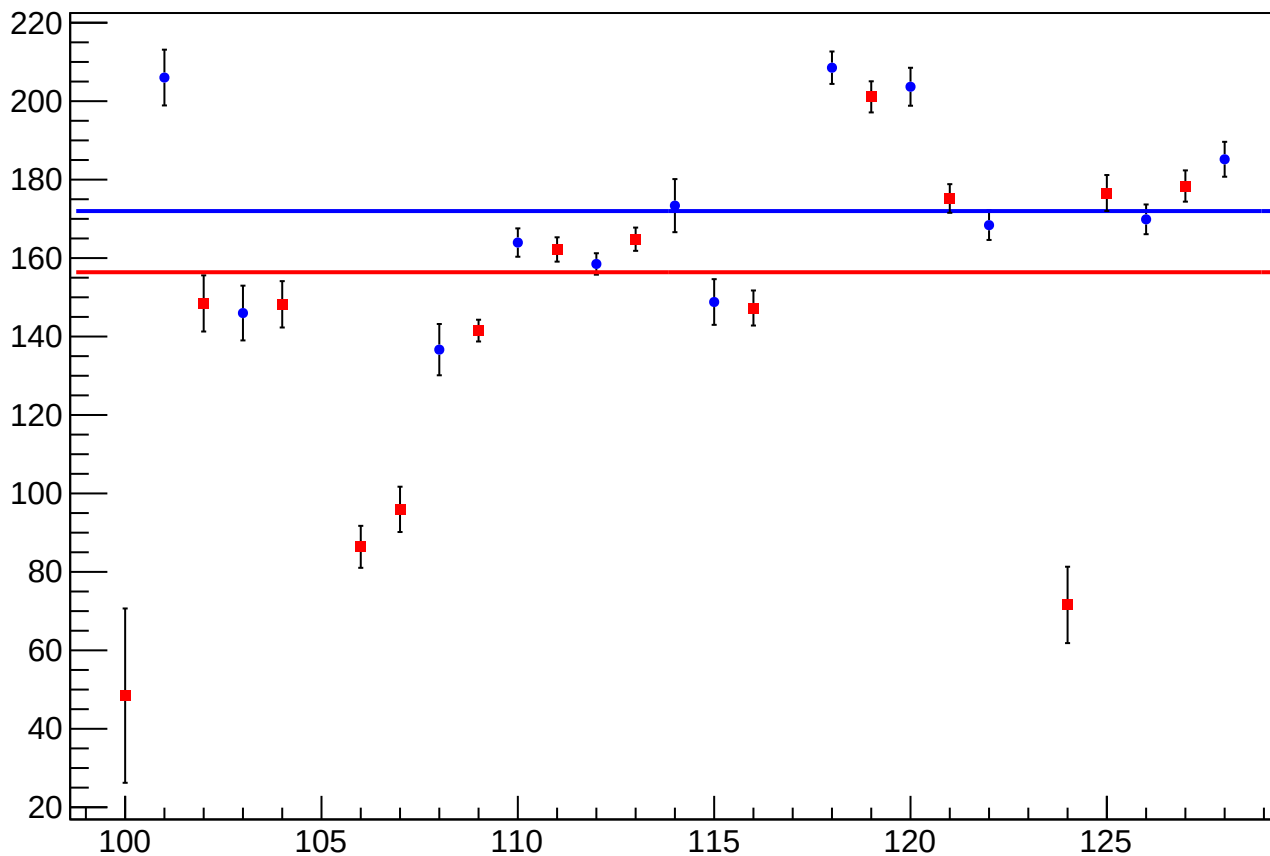
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.629+/-0.062 χ^2/NDF : 219096.7/25

- 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: 171.985 $\pm$ 1.273 χ^2 /NDF: 242.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 156.395 $\pm$ 1.138 χ^2 /NDF: 631.2/13

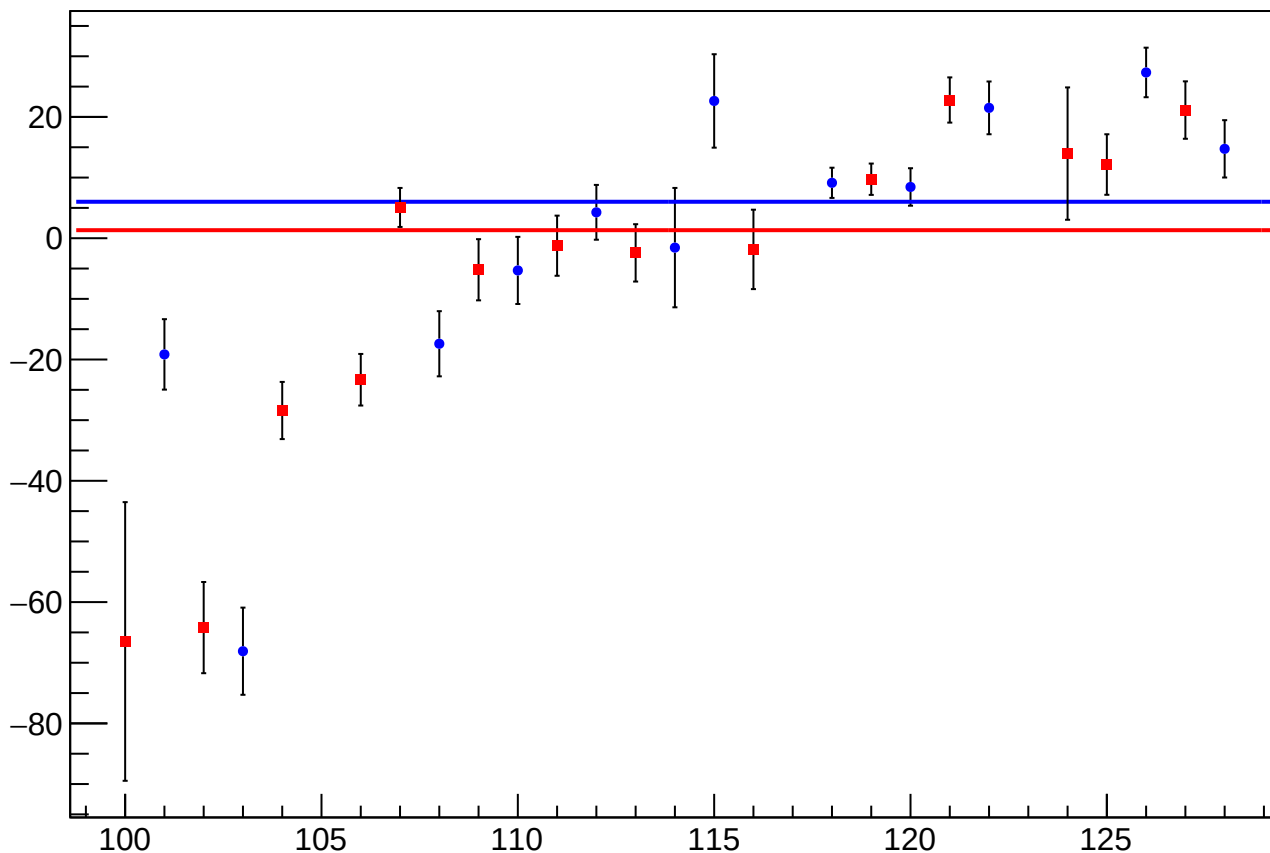
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 163.320 $\pm$ 0.848 χ^2 /NDF: 956.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4aY_slope vs Slug



Right In: 6.011+/-1.274 χ^2/NDF : 199.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.325+/-1.213 χ^2/NDF : 229.5/13

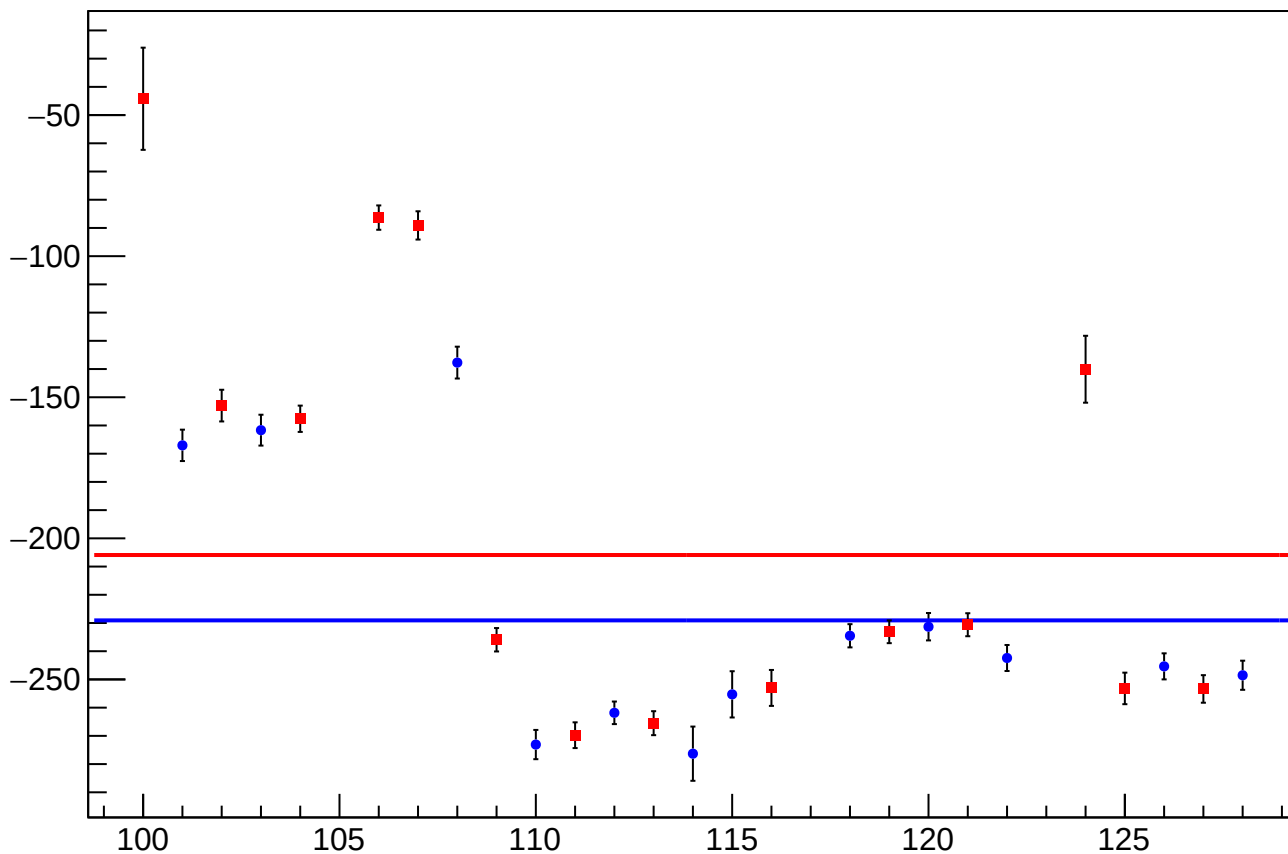
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.553+/-0.879 χ^2/NDF : 435.8/25

- 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: -229.074+/-1.482 χ^2 /NDF: 748.8/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -205.907+/-1.333 χ^2 /NDF: 2366.3/13

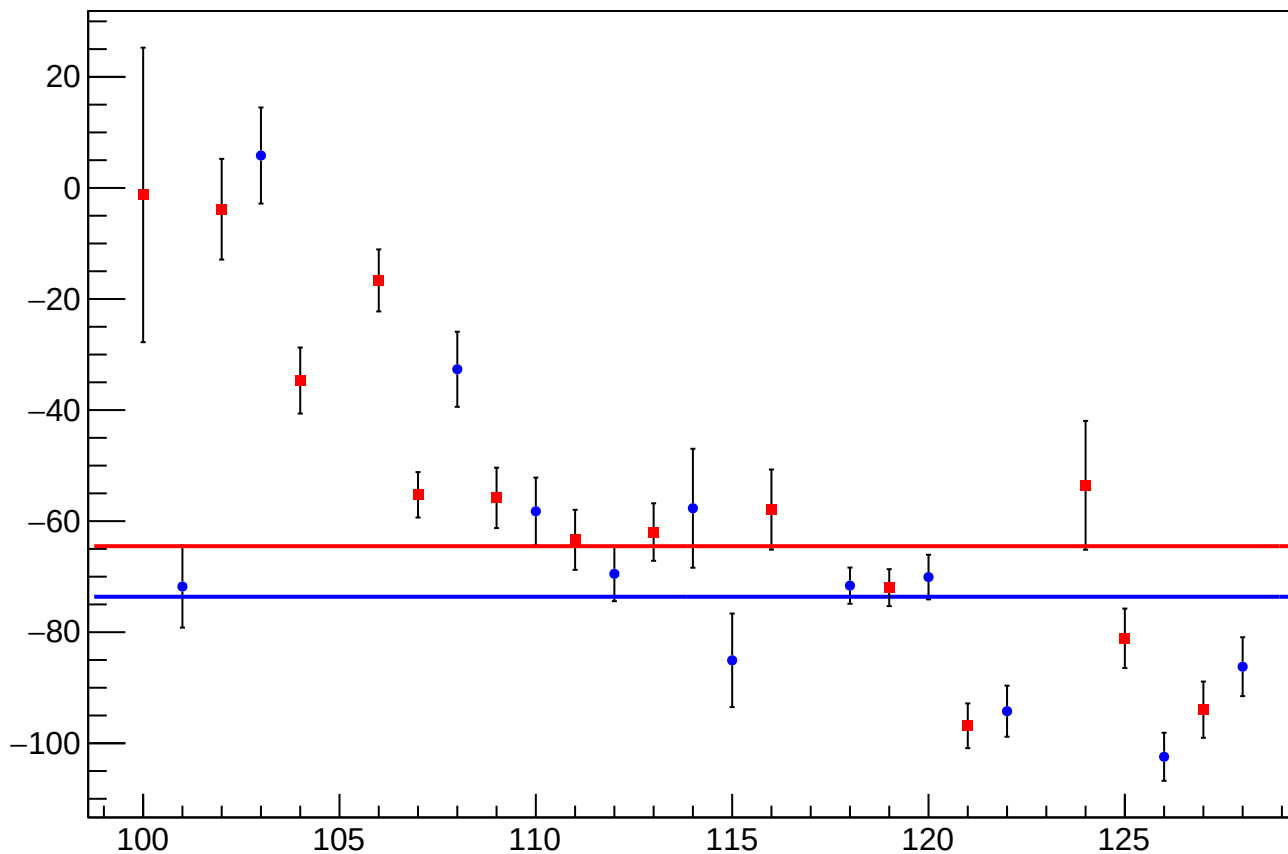
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -216.267+/-0.991 χ^2 /NDF: 3250.3/25

- 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: -73.616+/-1.513 χ^2/NDF : 203.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -64.510+/-1.426 χ^2/NDF : 271.6/13

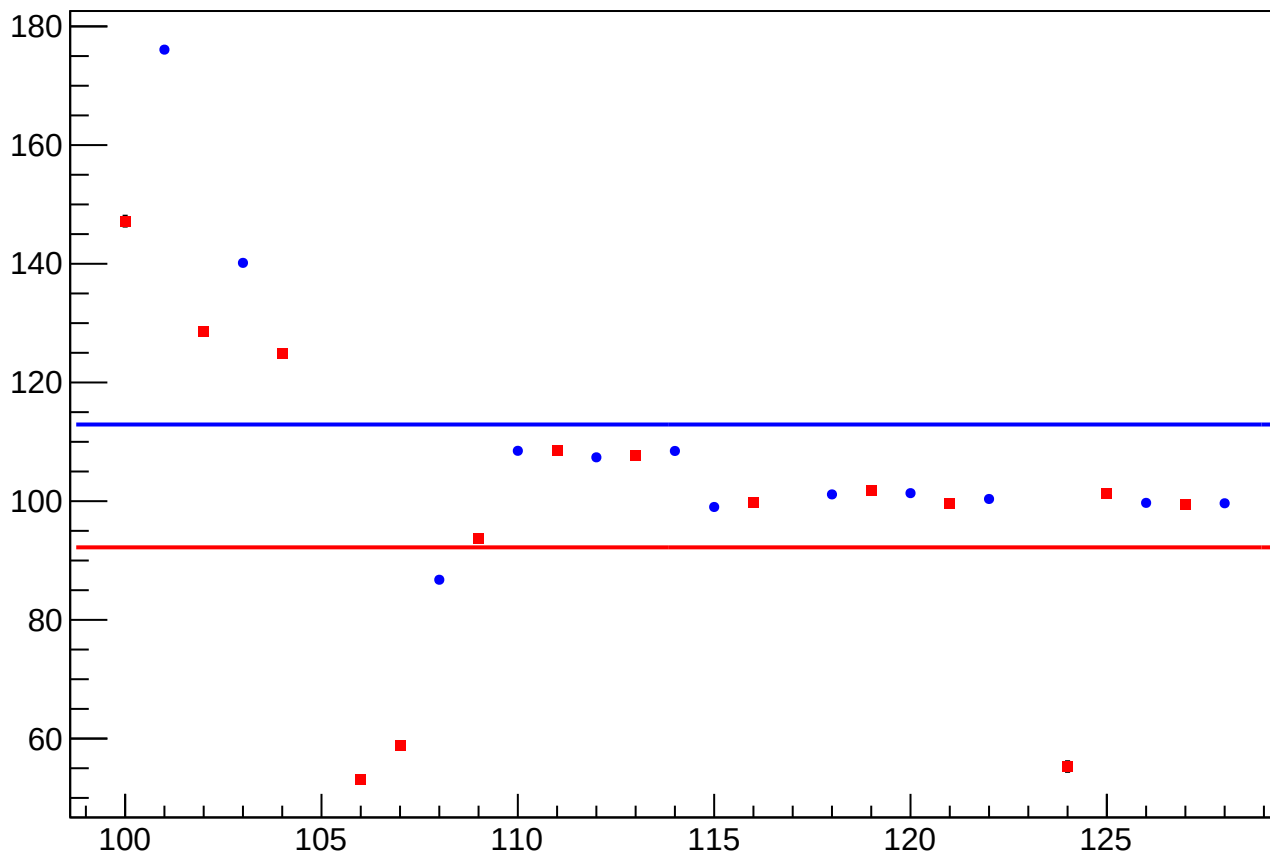
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.795+/-1.038 χ^2/NDF : 494.3/25

- 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: 112.919+/-0.098 χ^2/NDF : 69768.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.219+/-0.081 χ^2/NDF : 122780.8/13

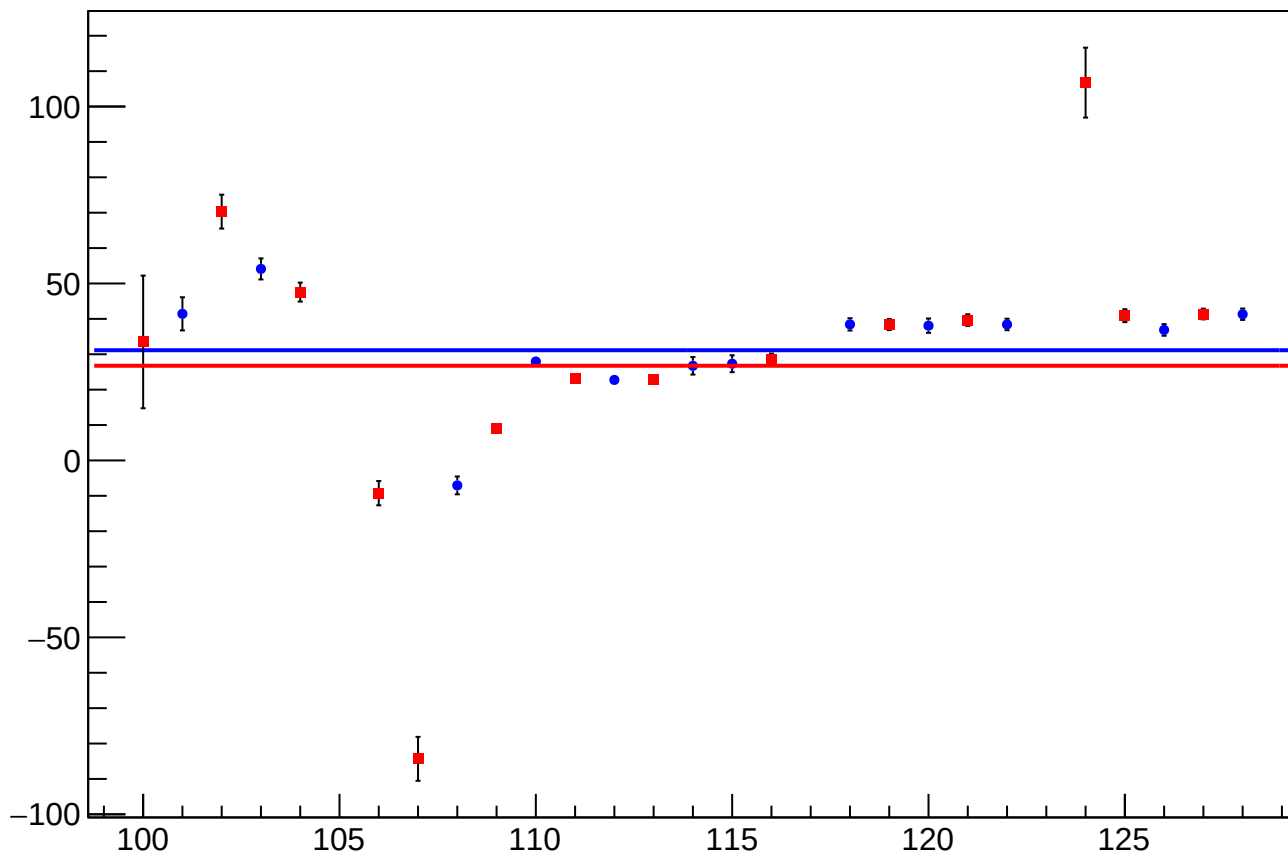
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.629+/-0.062 χ^2/NDF : 219096.7/25

- 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: 31.140 $\pm$ 0.516 χ^2 /NDF: 464.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 26.754 $\pm$ 0.476 χ^2 /NDF: 1201.6/13

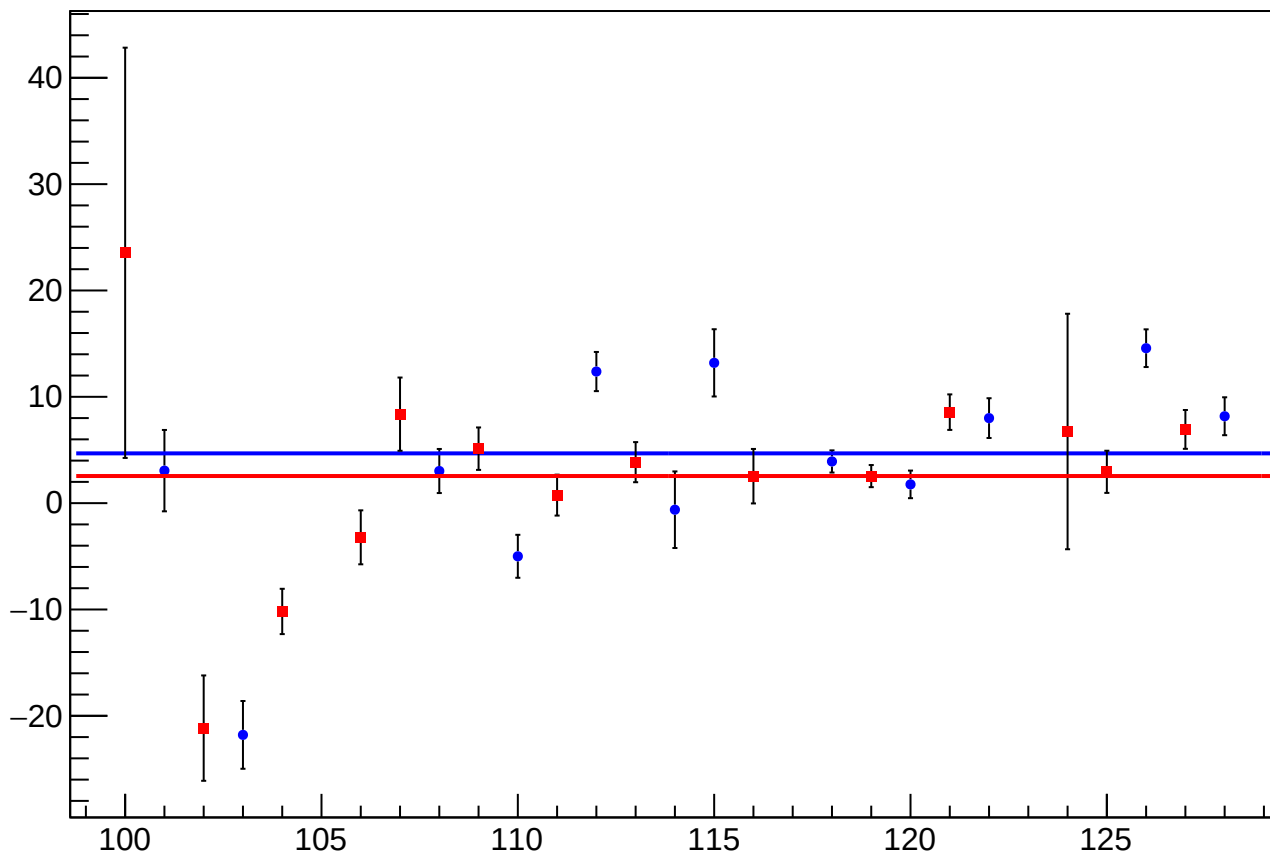
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.769 $\pm$ 0.350 χ^2 /NDF: 1704.7/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 4.681+/-0.531 χ^2/NDF : 163.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.551+/-0.550 χ^2/NDF : 89.8/13

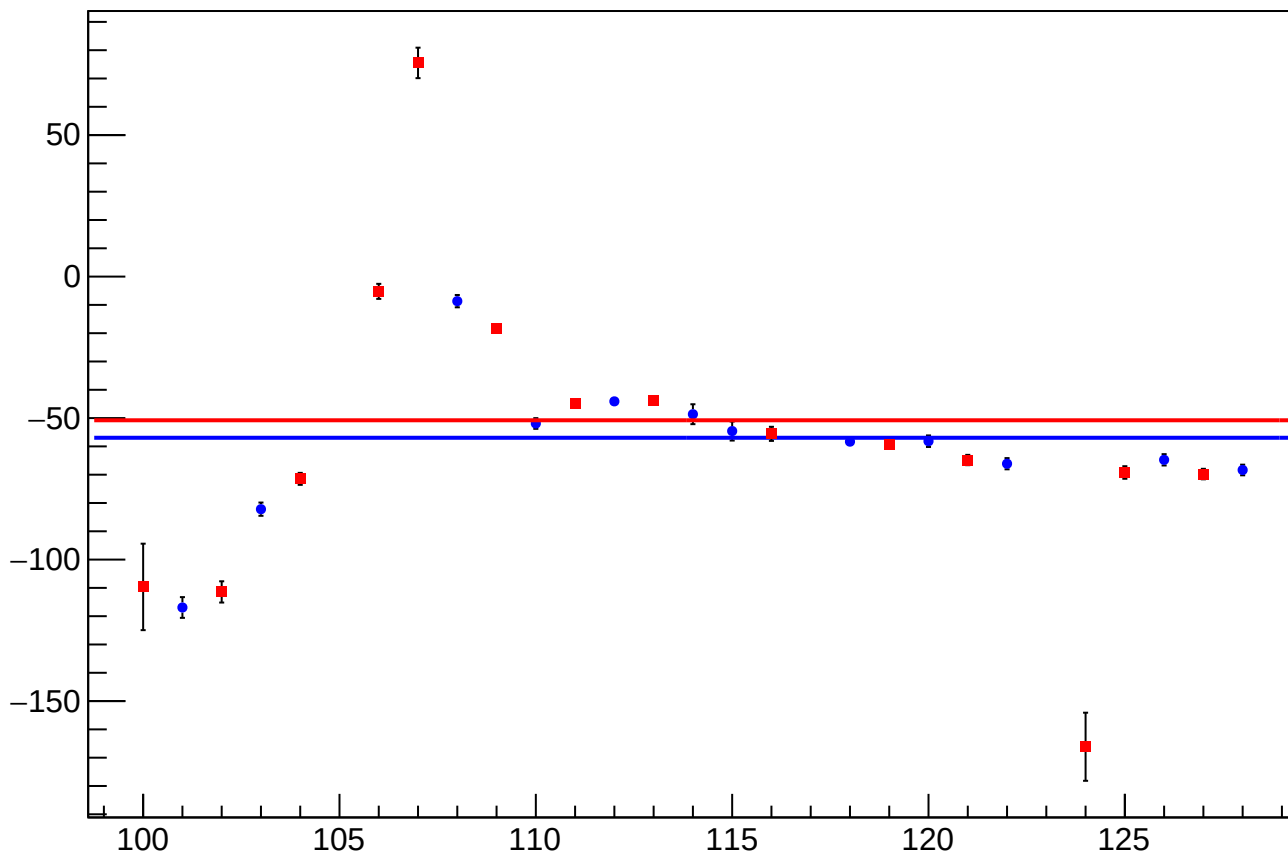
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.655+/-0.382 χ^2/NDF : 260.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -56.951 ± 0.613 χ^2/NDF : 1025.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -50.774 ± 0.590 χ^2/NDF : 2007.8/13

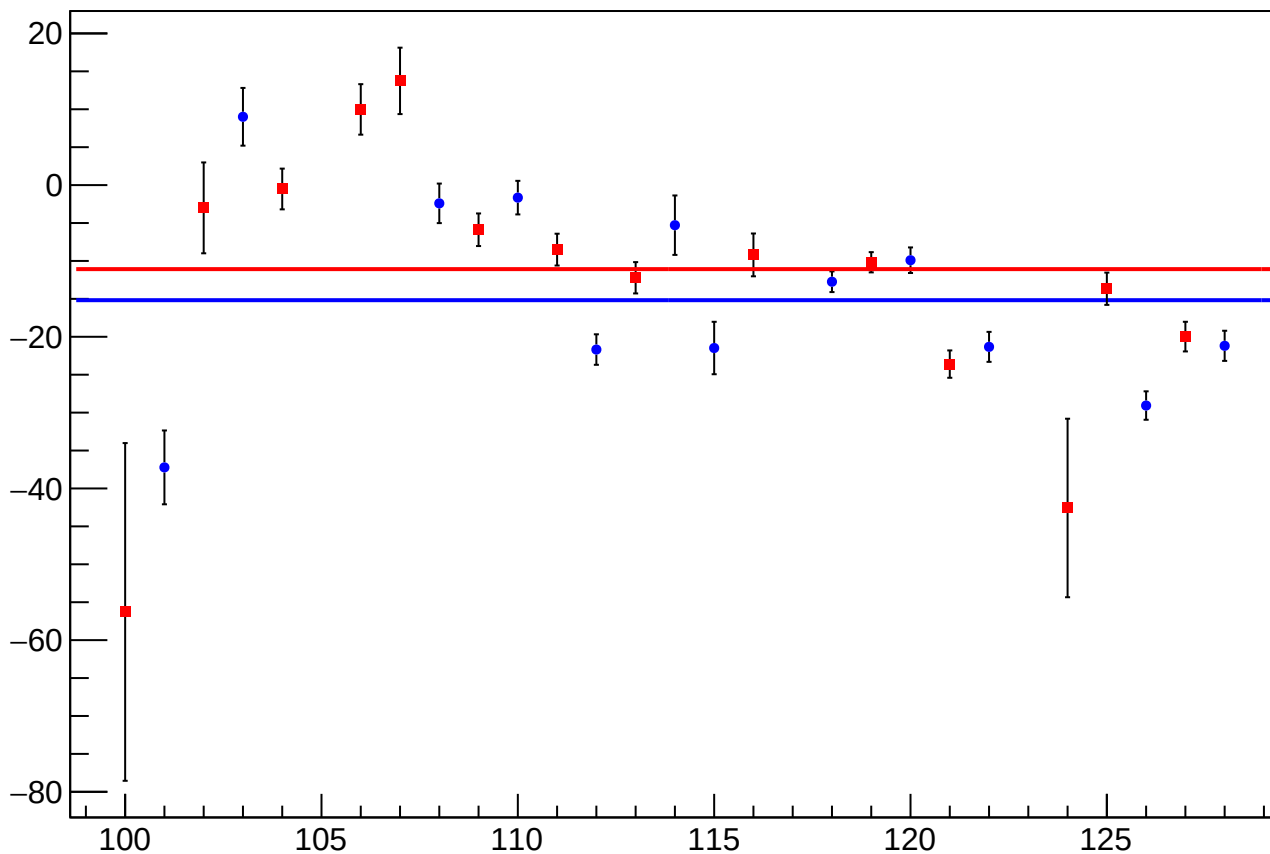
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -53.741 ± 0.425 χ^2/NDF : 3085.9/25

- 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: -15.175 ± 0.627 χ^2/NDF : 229.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.079 ± 0.636 χ^2/NDF : 179.7/13

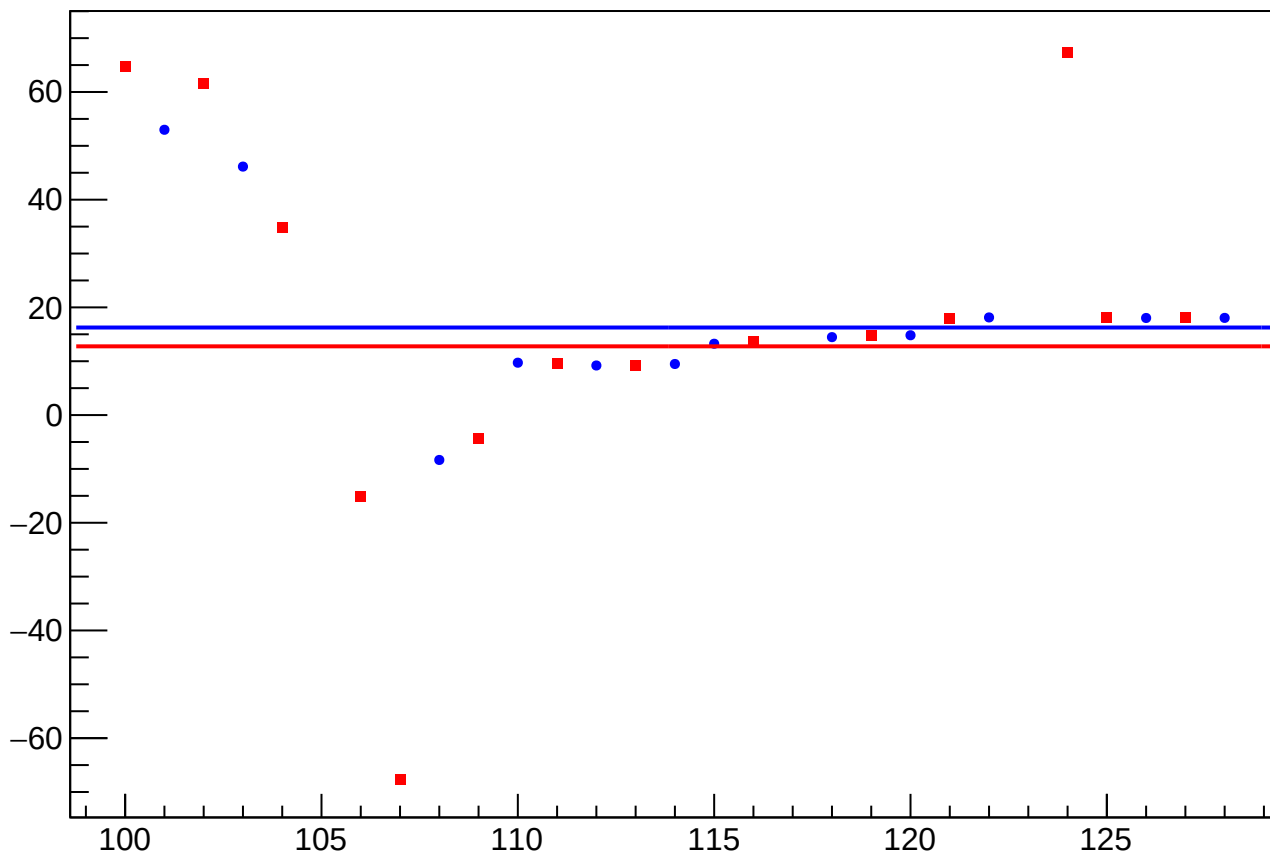
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.155 ± 0.447 χ^2/NDF : 429.8/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm12X_slope vs Slug



Right In: 16.260 ± 0.041 $\chi^2/\text{NDF}: 204757.1/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 12.764 ± 0.040 $\chi^2/\text{NDF}: 351042.5/13$

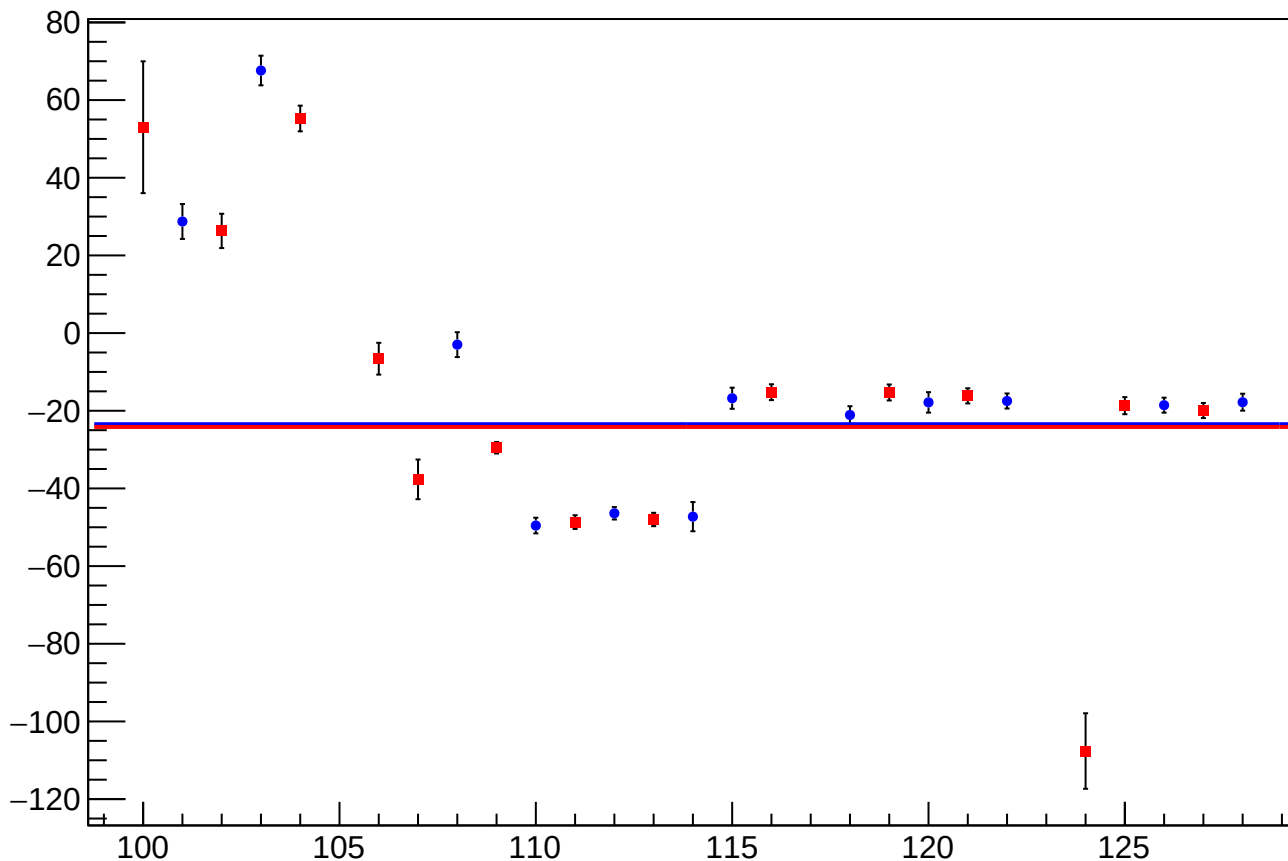
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 14.503 ± 0.029 $\chi^2/\text{NDF}: 559511.3/25$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_at1_dd_at2_dd_avg_diff_bpm1X_slope vs Slug



Right In: -23.462 $\pm$ 0.683 χ^2 /NDF: 1192.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -24.164 $\pm$ 0.622 χ^2 /NDF: 1289.1/13

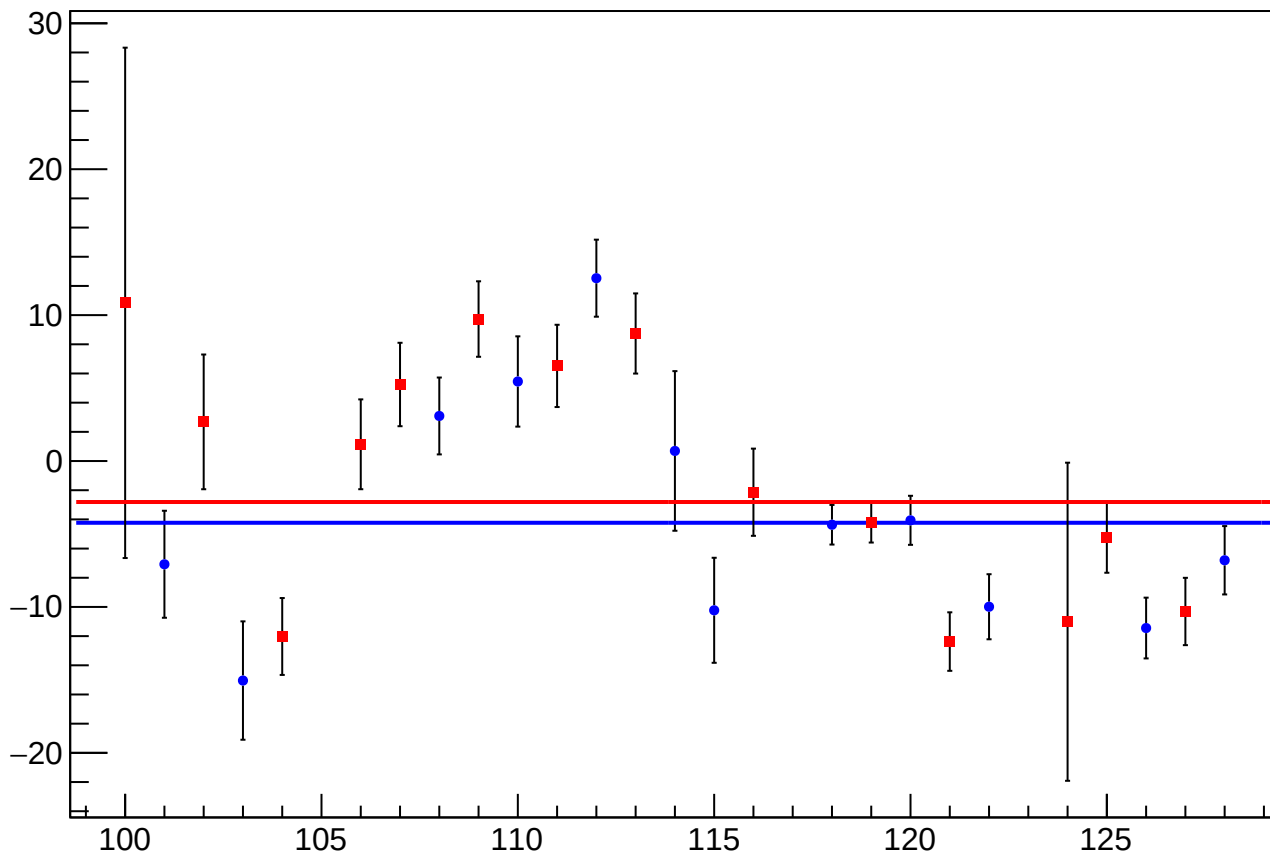
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -23.845 $\pm$ 0.460 χ^2 /NDF: 2482.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_at2_dd_avg_diff_bpm4aY_slope vs Slug



Right In: -4.231 ± 0.682 χ^2/NDF : 89.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.808 ± 0.692 χ^2/NDF : 112.0/13

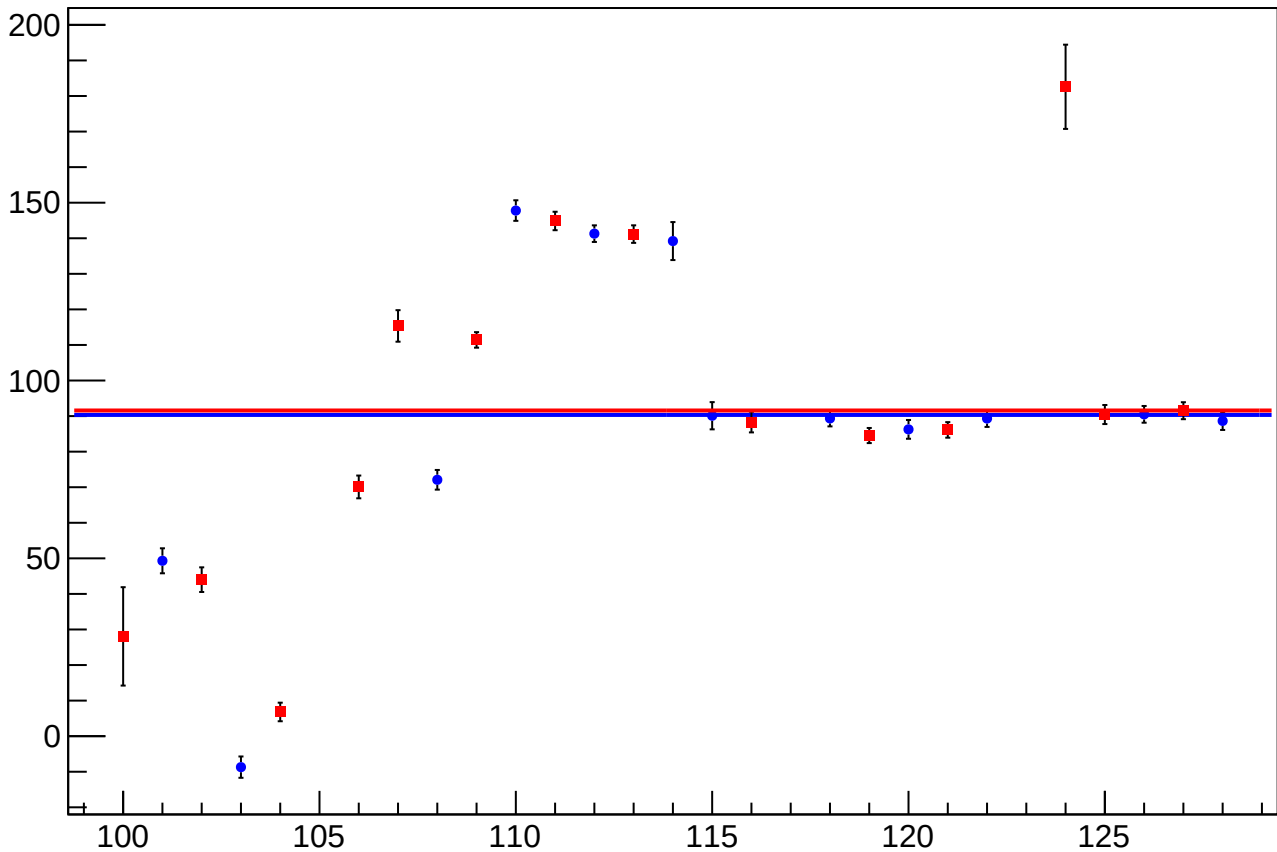
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.529 ± 0.486 χ^2/NDF : 203.2/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eX_slope vs Slug



Right In: 90.326+/-0.794 χ^2 /NDF: 2230.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 91.574+/-0.750 χ^2 /NDF: 2324.7/13

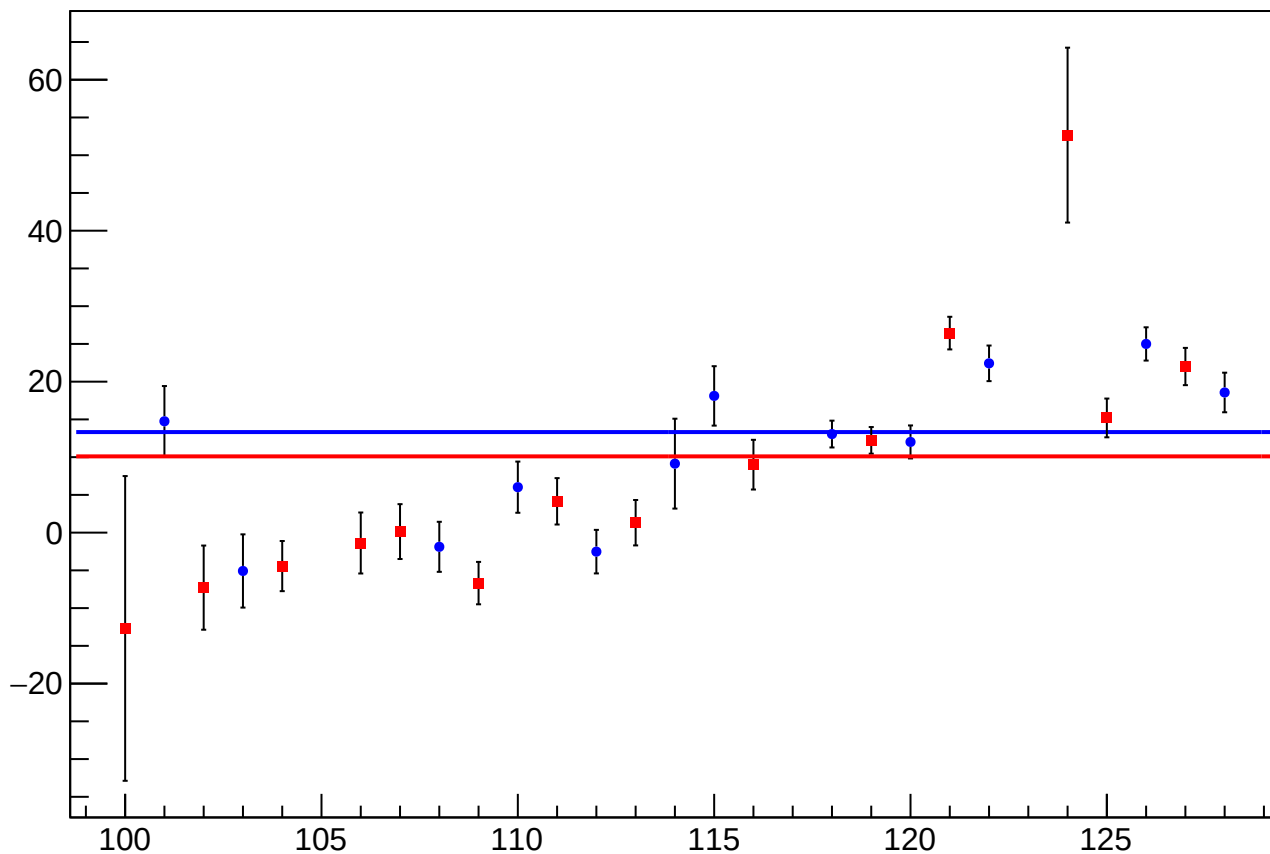
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 90.986+/-0.545 χ^2 /NDF: 4556.0/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eY_slope vs Slug



Right In: 13.322 $\pm$ 0.807 χ^2 /NDF: 119.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.102 $\pm$ 0.802 χ^2 /NDF: 193.0/13

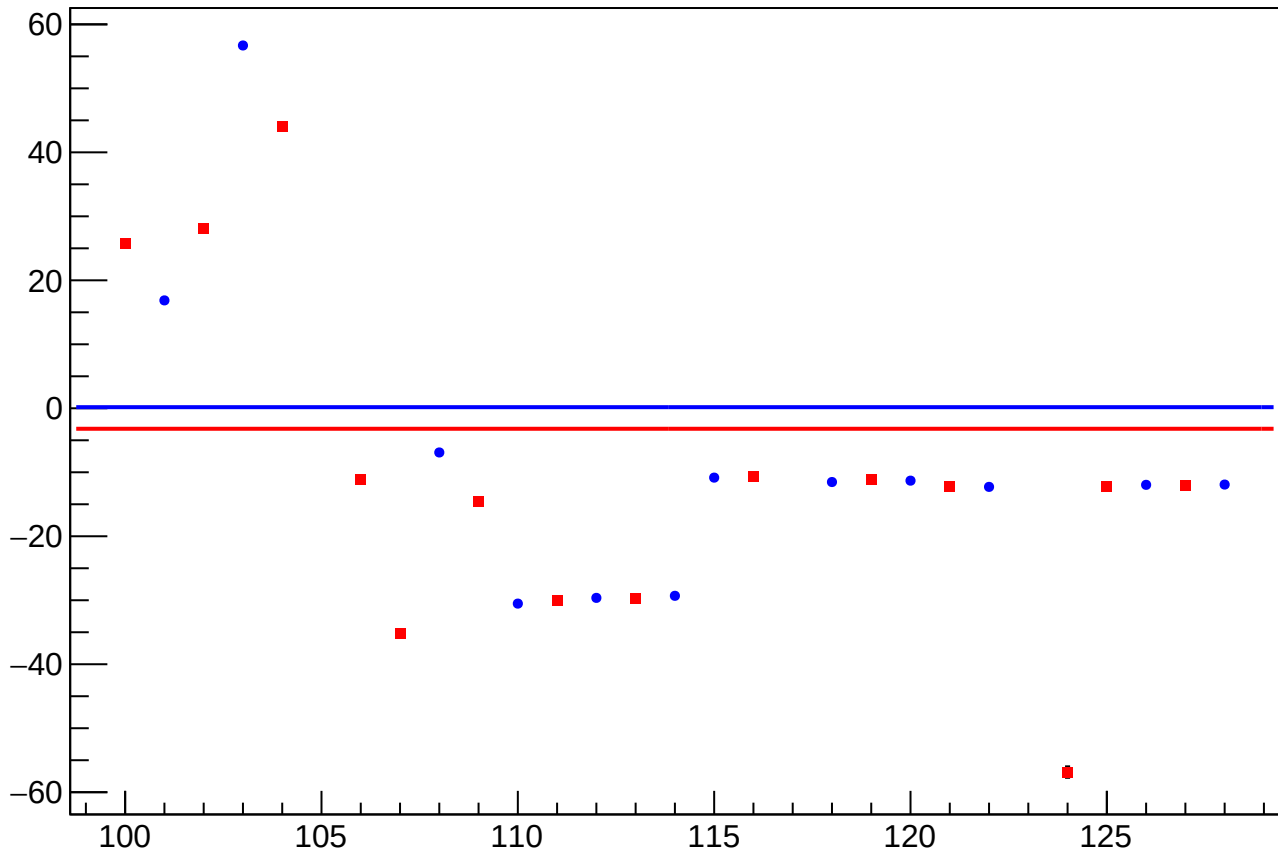
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.702 $\pm$ 0.569 χ^2 /NDF: 320.7/25

- 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: 0.174+/-0.052 χ^2/NDF : 281765.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.200+/-0.049 χ^2/NDF : 275639.2/13

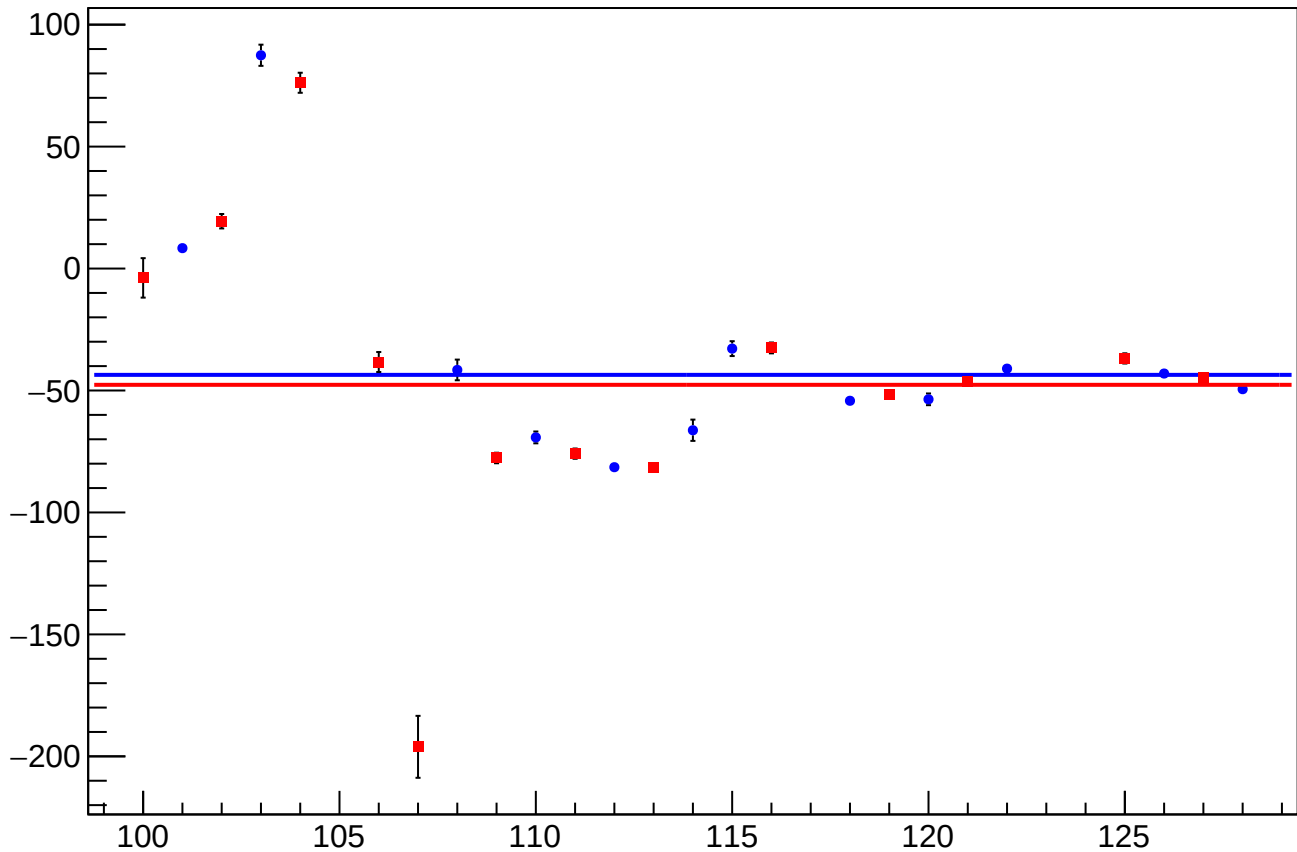
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.606+/-0.036 χ^2/NDF : 559621.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_avg_diff_bpm1X_slope vs Slug



Right In: -43.589 ± 0.671 χ^2/NDF : 2182.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -47.673 ± 0.665 χ^2/NDF : 2326.9/12

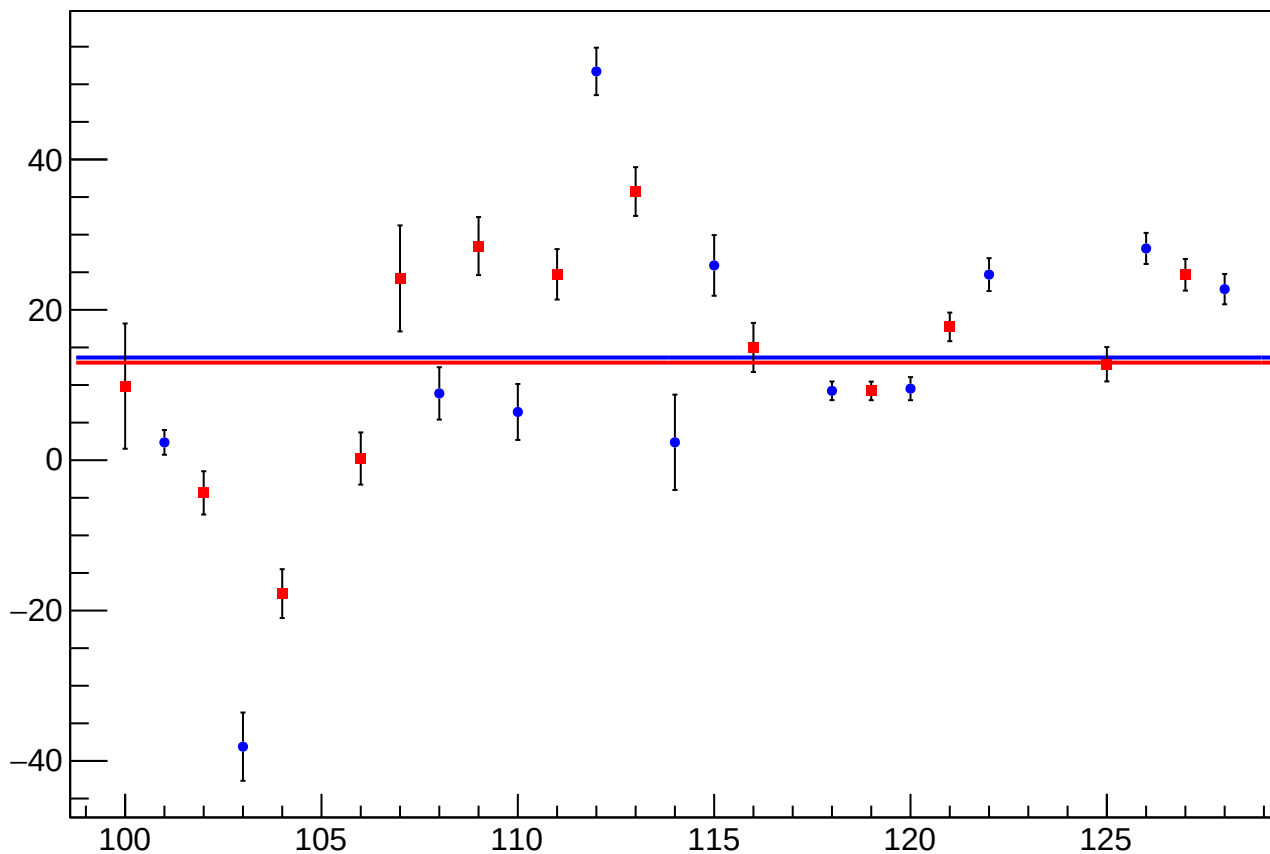
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -45.649 ± 0.472 χ^2/NDF : 4527.9/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_avg_diff_bpm4aY_slope vs Slug



Right In: 13.658+/-0.630 χ^2 /NDF: 455.8/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 12.979+/-0.703 χ^2 /NDF: 266.2/12

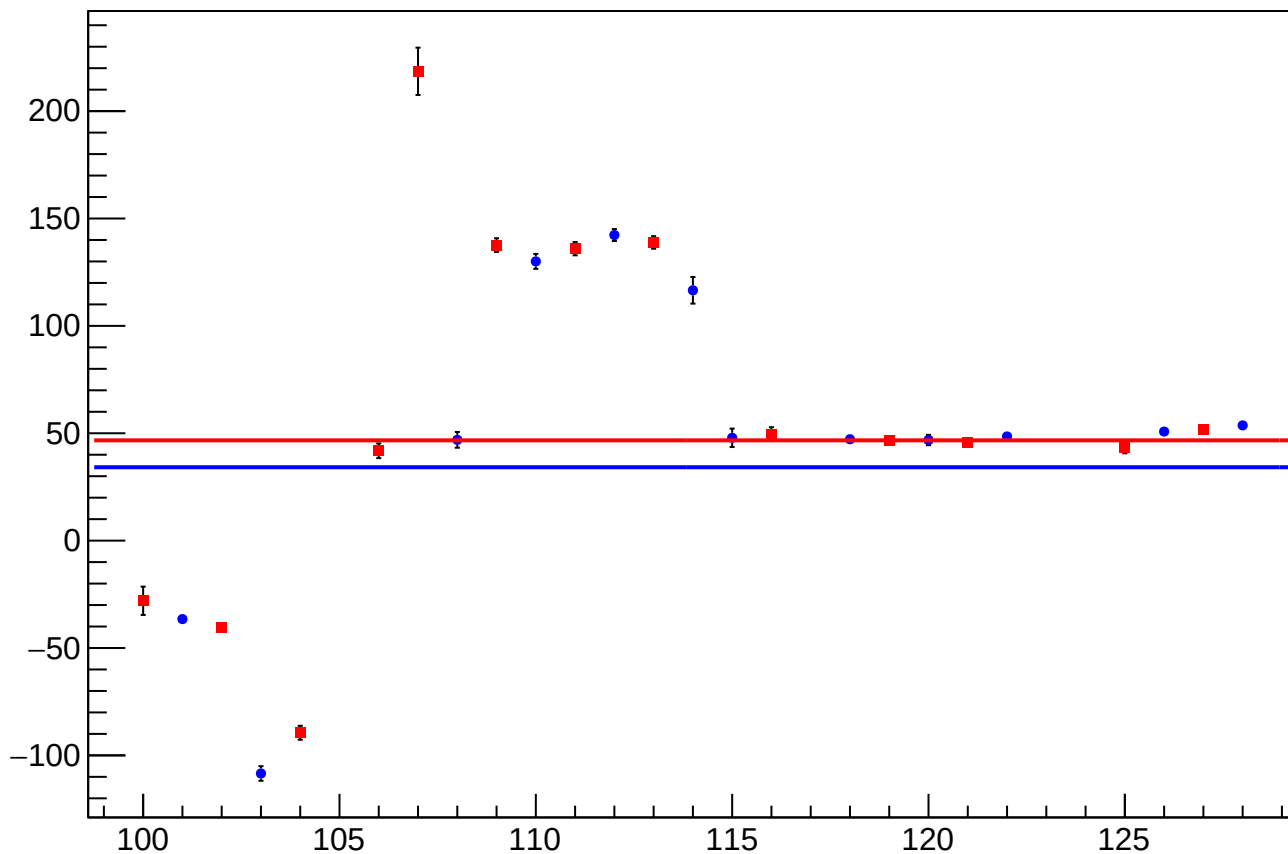
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 13.355+/-0.469 χ^2 /NDF: 722.4/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_avg_diff_bpm4eX_slope vs Slug



Right In: 34.179+/-0.734 χ^2 /NDF: 6477.5/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 46.700+/-0.768 χ^2 /NDF: 6216.4/12

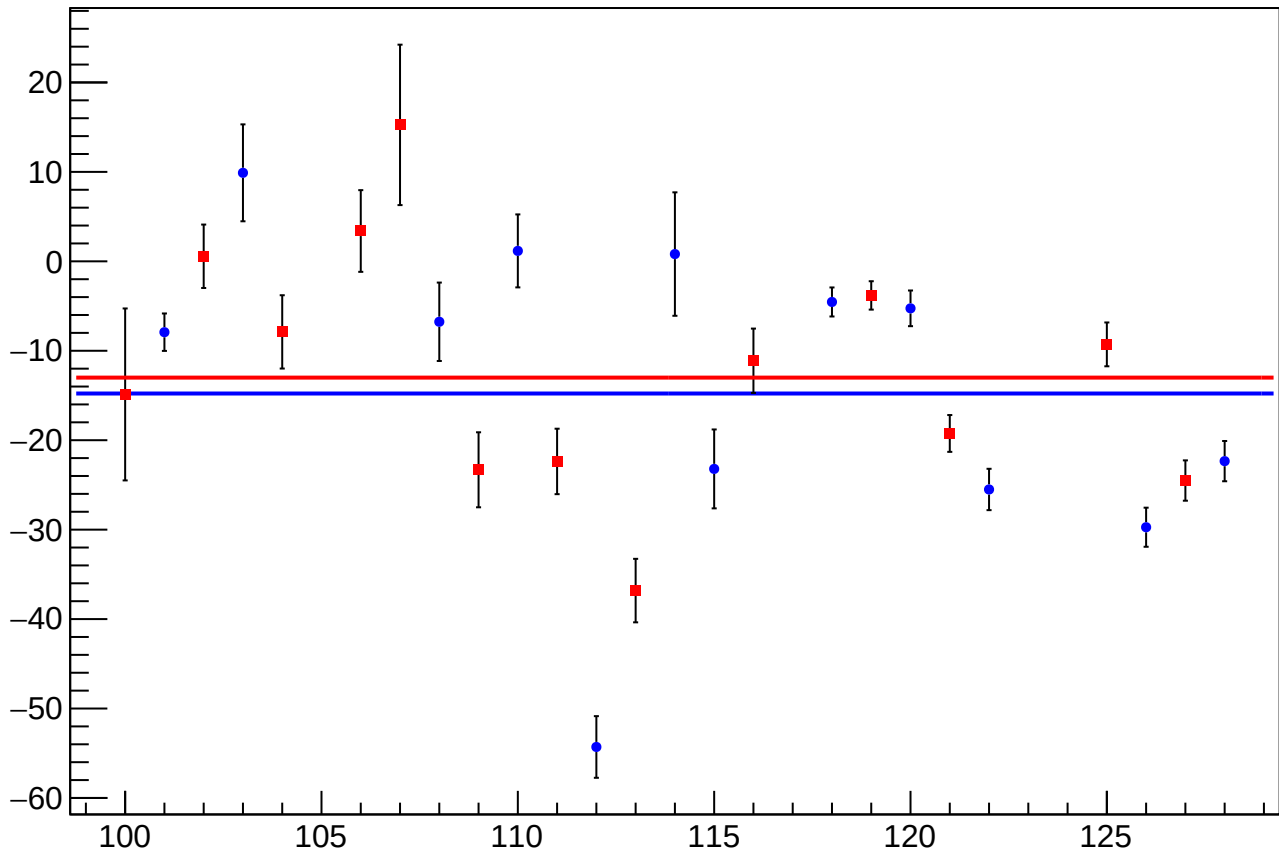
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 40.155+/-0.531 χ^2 /NDF: 12832.7/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_avg_diff_bpm4eY_slope vs Slug



Right In: -14.779 $\pm$ 0.755 χ^2 /NDF: 332.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -13.001 $\pm$ 0.818 χ^2 /NDF: 168.0/12

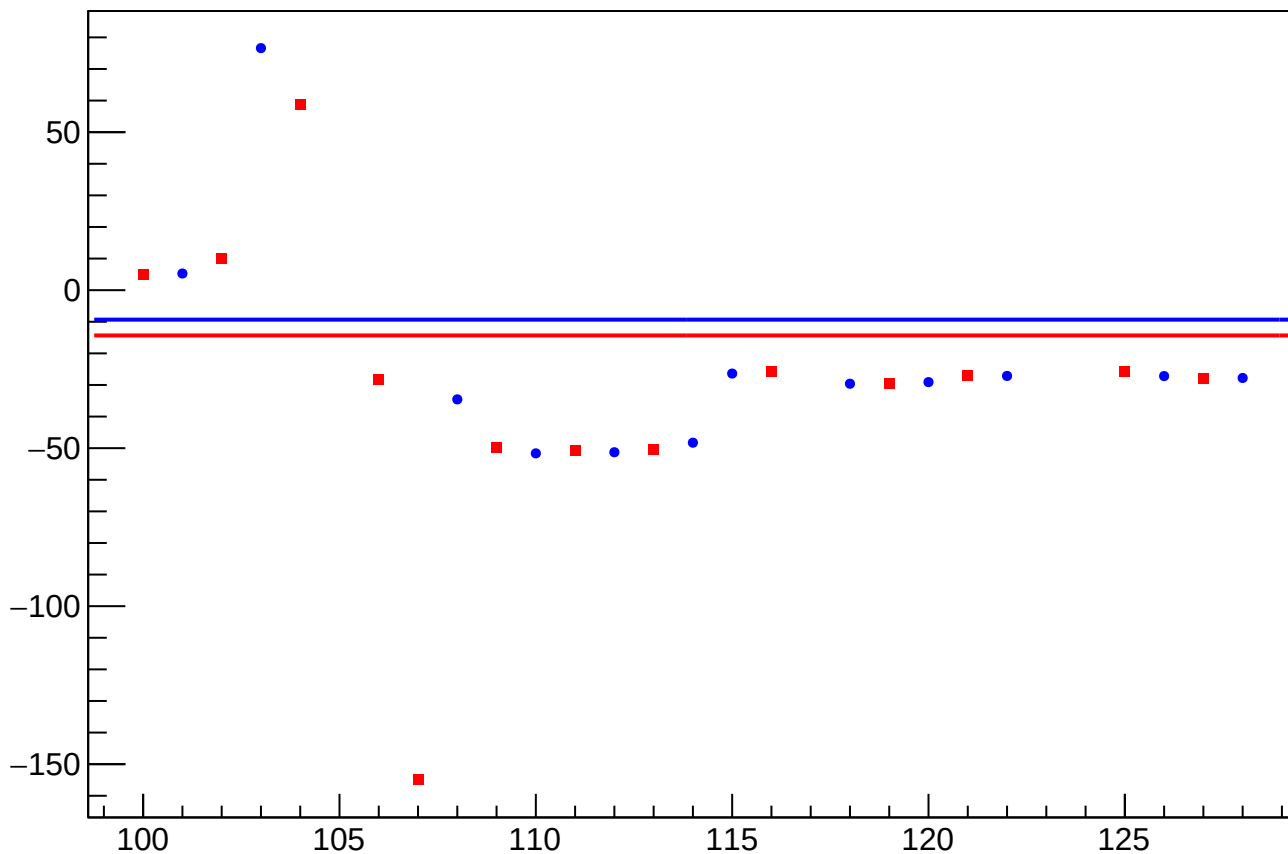
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -13.962 $\pm$ 0.555 χ^2 /NDF: 503.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_avg_diff_bpm12X_slope vs Slug



Right In: -9.324+/-0.049 χ^2/NDF : 542081.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.332+/-0.050 χ^2/NDF : 484747.9/12

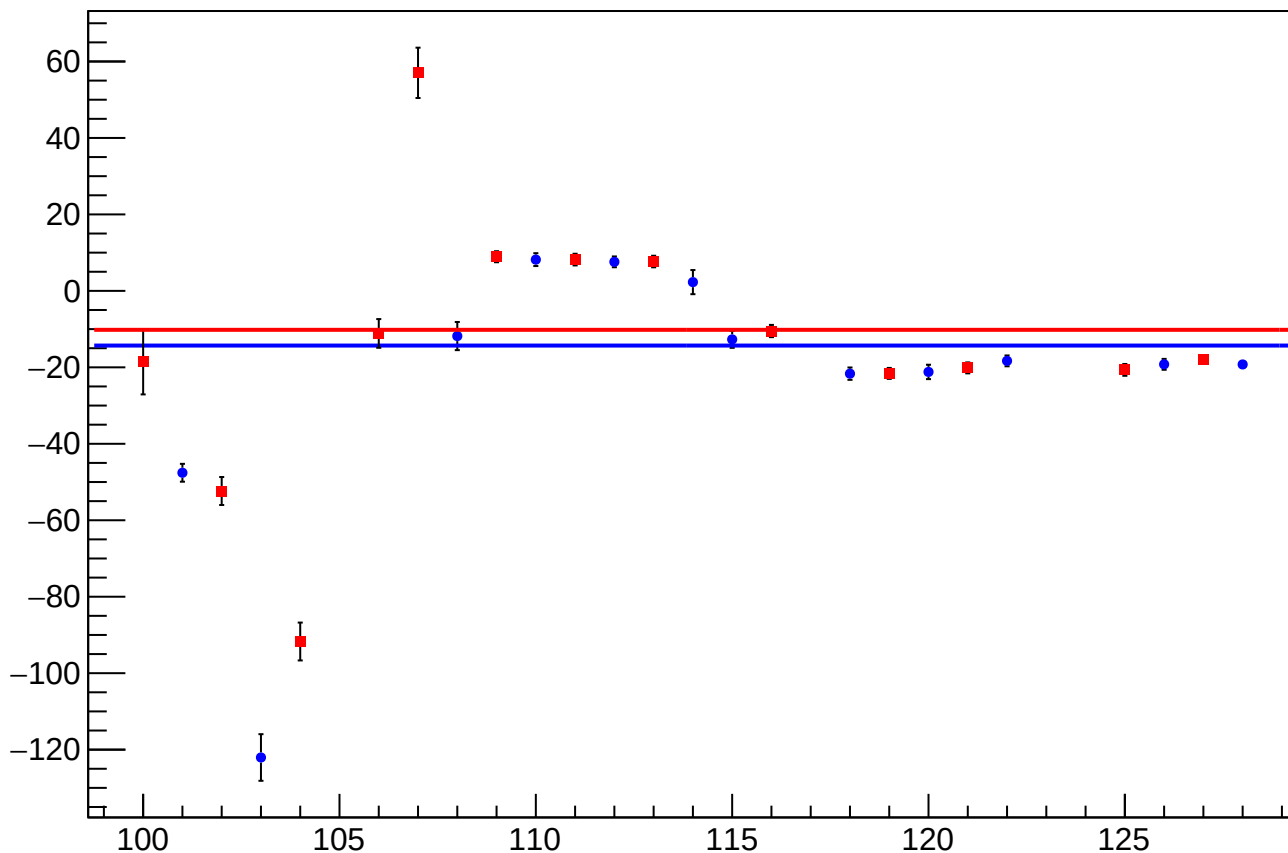
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.771+/-0.035 χ^2/NDF : 1031939.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_dd_diff_bpm1X_slope vs Slug



Right In: -14.303+/-0.521 χ^2/NDF : 1030.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.188+/-0.502 χ^2/NDF : 1164.5/12

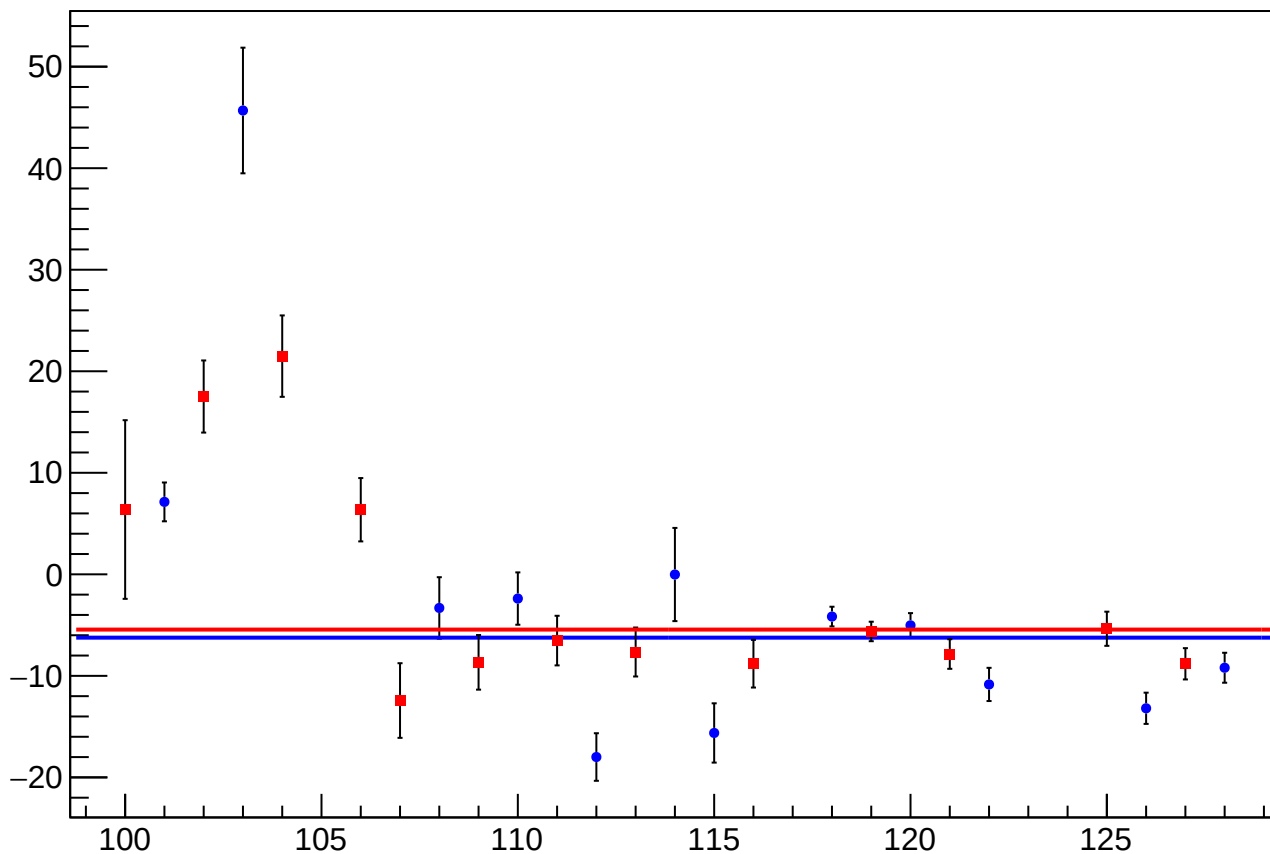
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.168+/-0.361 χ^2/NDF : 2227.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_dd_diff_bpm4aY_slope vs Slug



Right In: -6.237 $\pm$ 0.505 χ^2 /NDF: 197.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -5.442 $\pm$ 0.549 χ^2 /NDF: 118.7/12

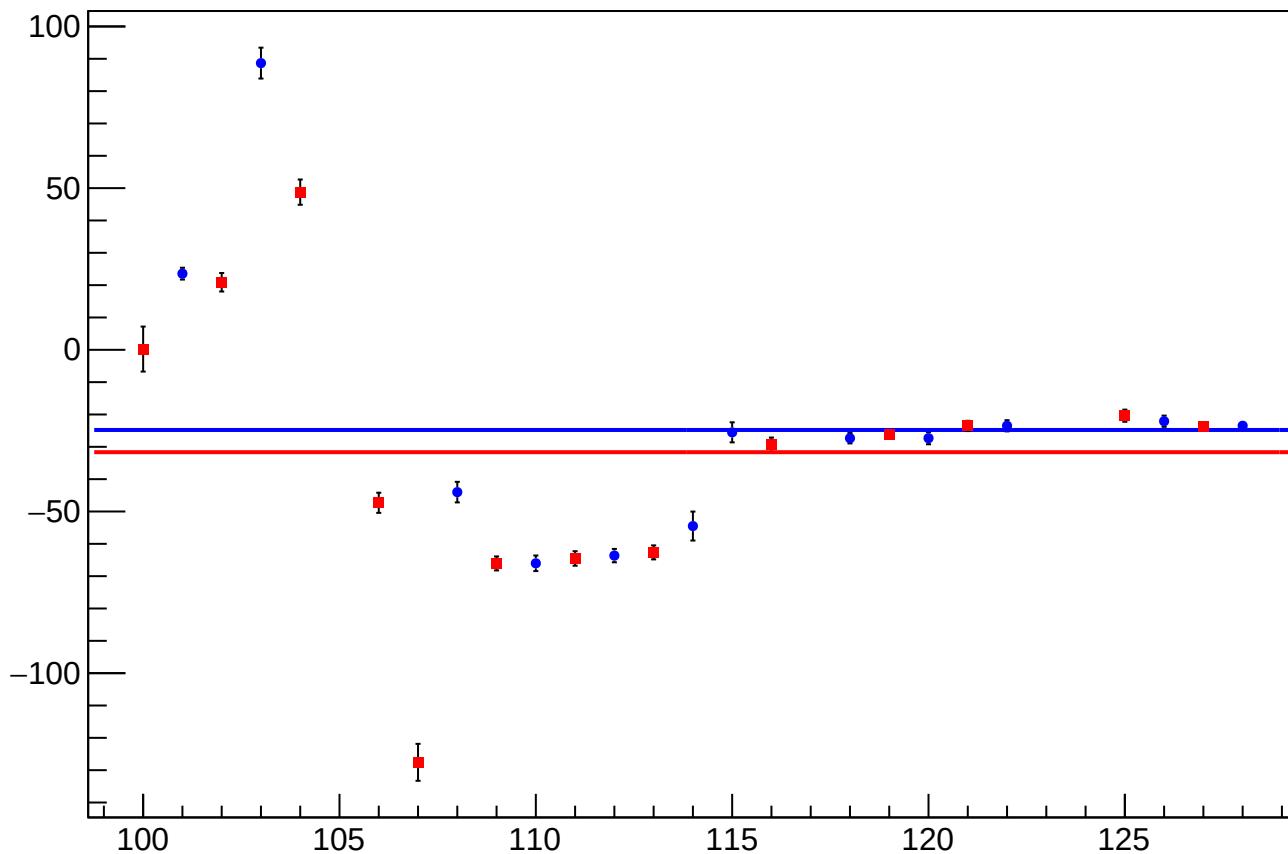
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.872 $\pm$ 0.371 χ^2 /NDF: 317.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_dd_diff_bpm4eX_slope vs Slug



Right In: -24.786 $\pm$ 0.602 χ^2 /NDF: 1998.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -31.661 $\pm$ 0.608 χ^2 /NDF: 1863.5/12

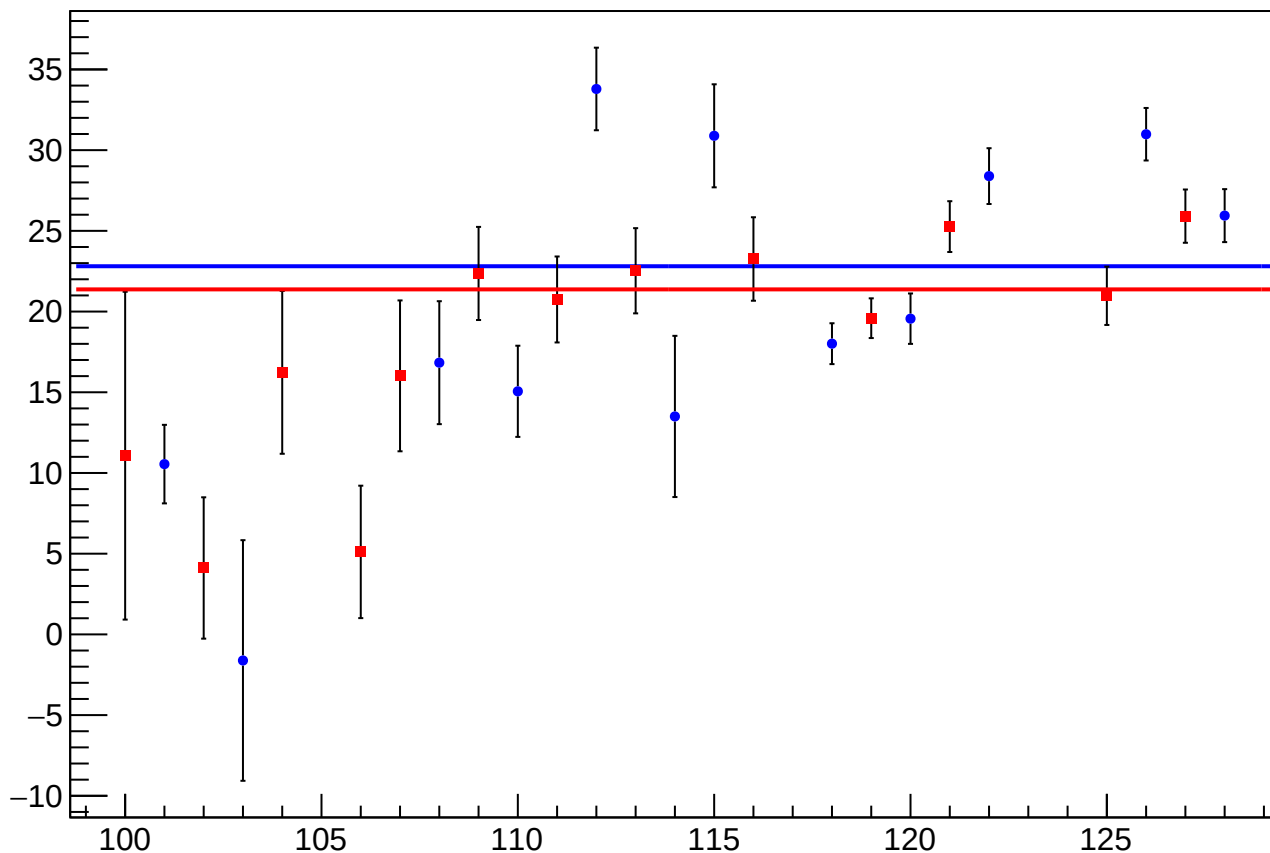
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -28.189 $\pm$ 0.428 χ^2 /NDF: 3926.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_dd_diff_bpm4eY_slope vs Slug



Right In: 22.808 $\pm$ 0.599 χ^2 /NDF: 132.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.374 $\pm$ 0.633 χ^2 /NDF: 51.4/12

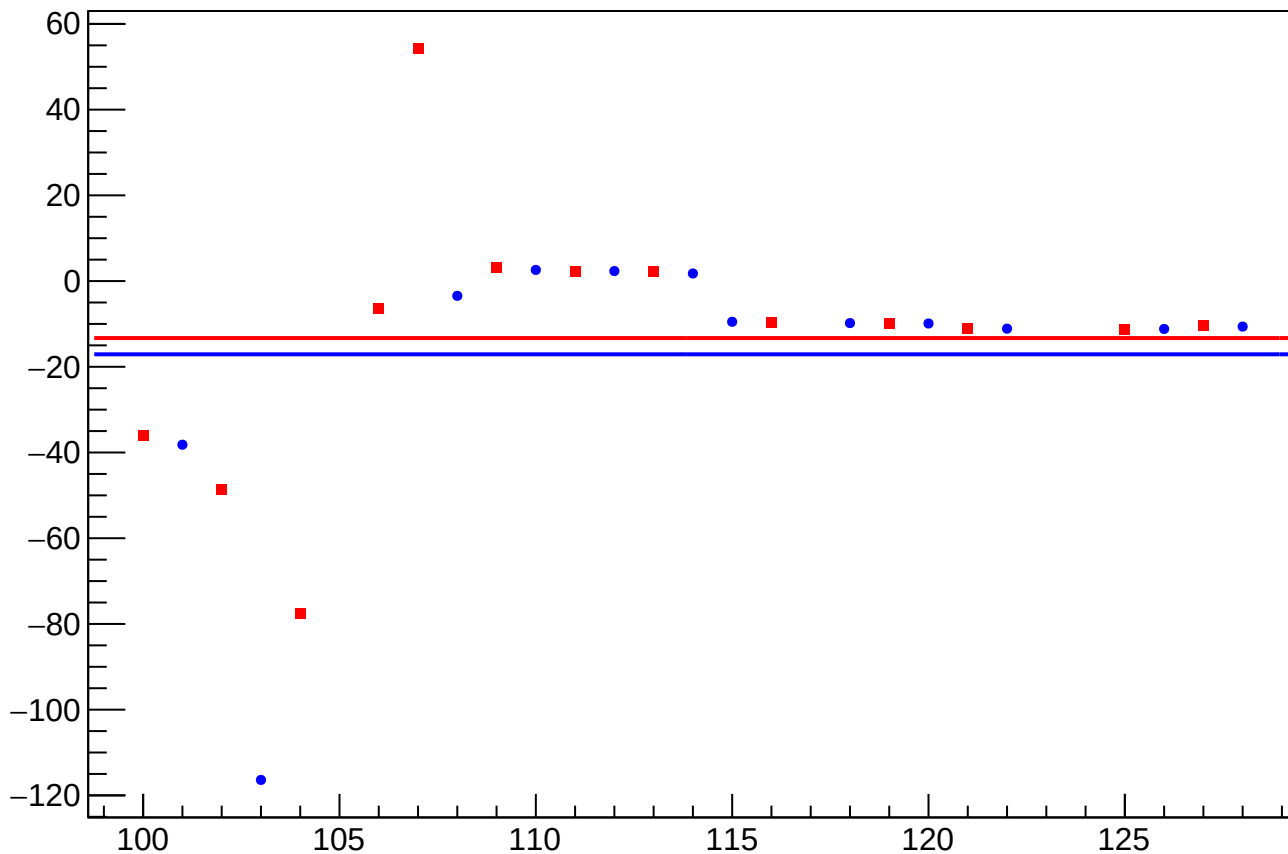
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.130 $\pm$ 0.435 χ^2 /NDF: 186.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_dd_diff_bpm12X_slope vs Slug



Right In: -17.087 $\pm$ 0.043 χ^2 /NDF: 329016.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -13.298 $\pm$ 0.043 χ^2 /NDF: 310612.0/12

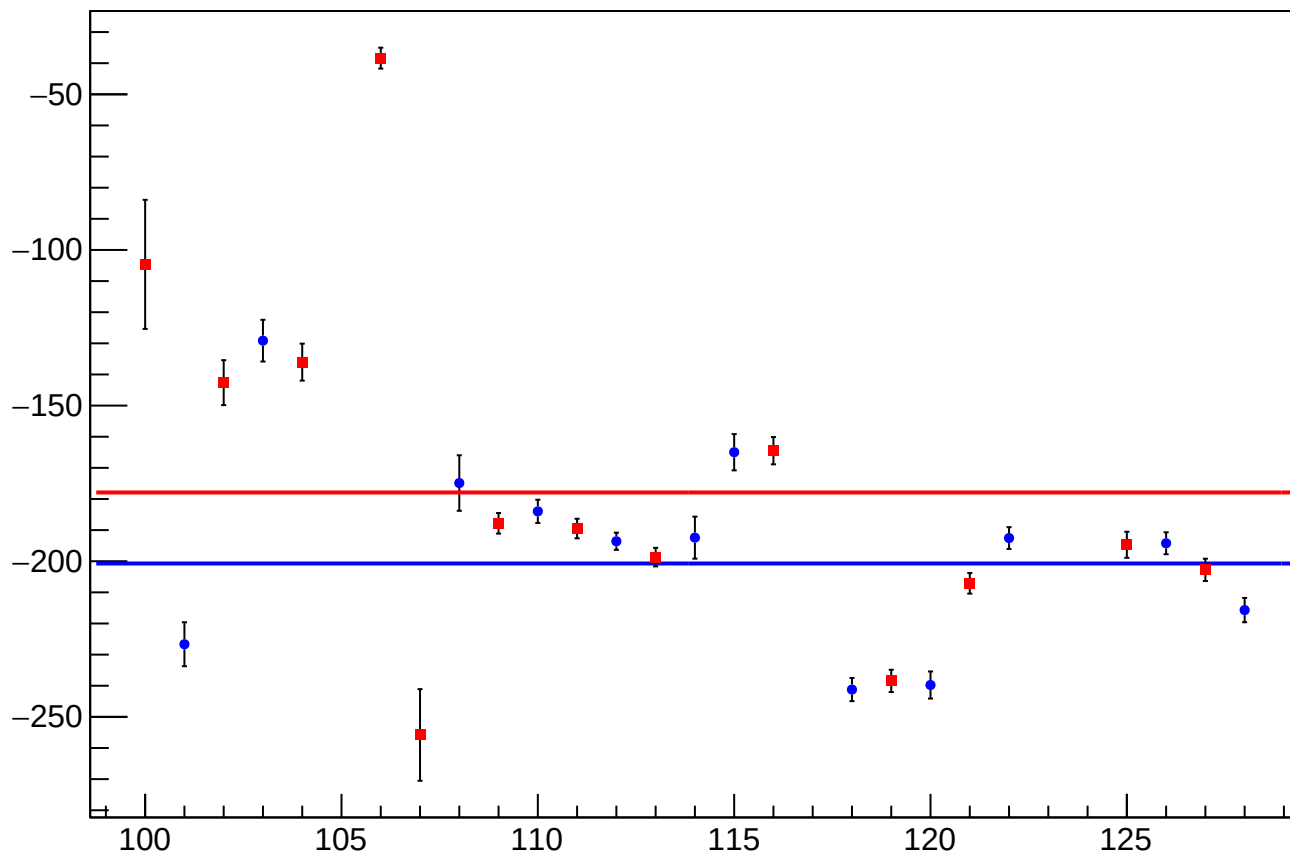
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -15.191 $\pm$ 0.030 χ^2 /NDF: 643512.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_avg_diff_bpm1X_slope vs Slug



Right In: -200.725+/-1.229 χ^2 /NDF: 424.1/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -177.908+/-1.115 χ^2 /NDF: 2343.5/12

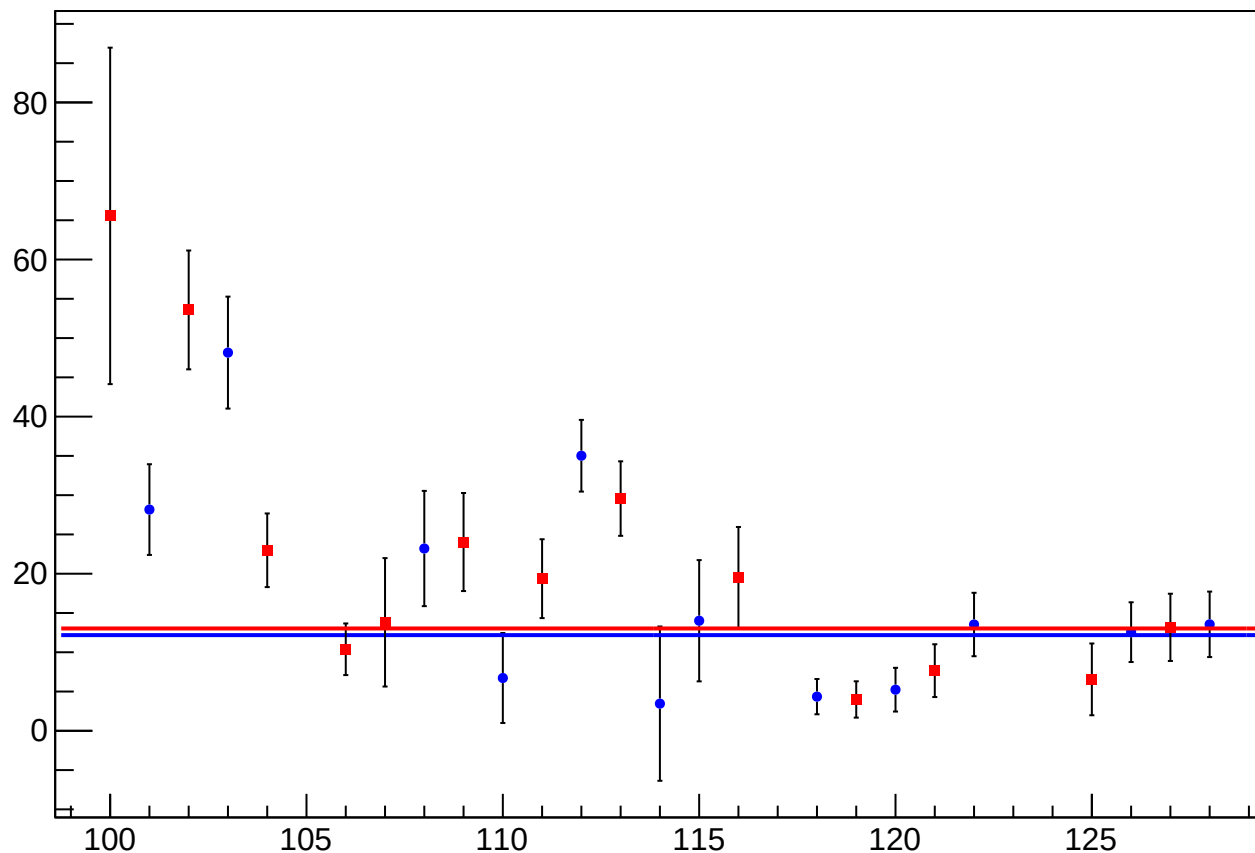
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -188.208+/-0.826 χ^2 /NDF: 2956.6/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_avg_diff_bpm4aY_slope vs Slug



Right In: 12.182 $\pm$ 1.204 χ^2 /NDF: 80.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.029 $\pm$ 1.208 χ^2 /NDF: 77.6/12

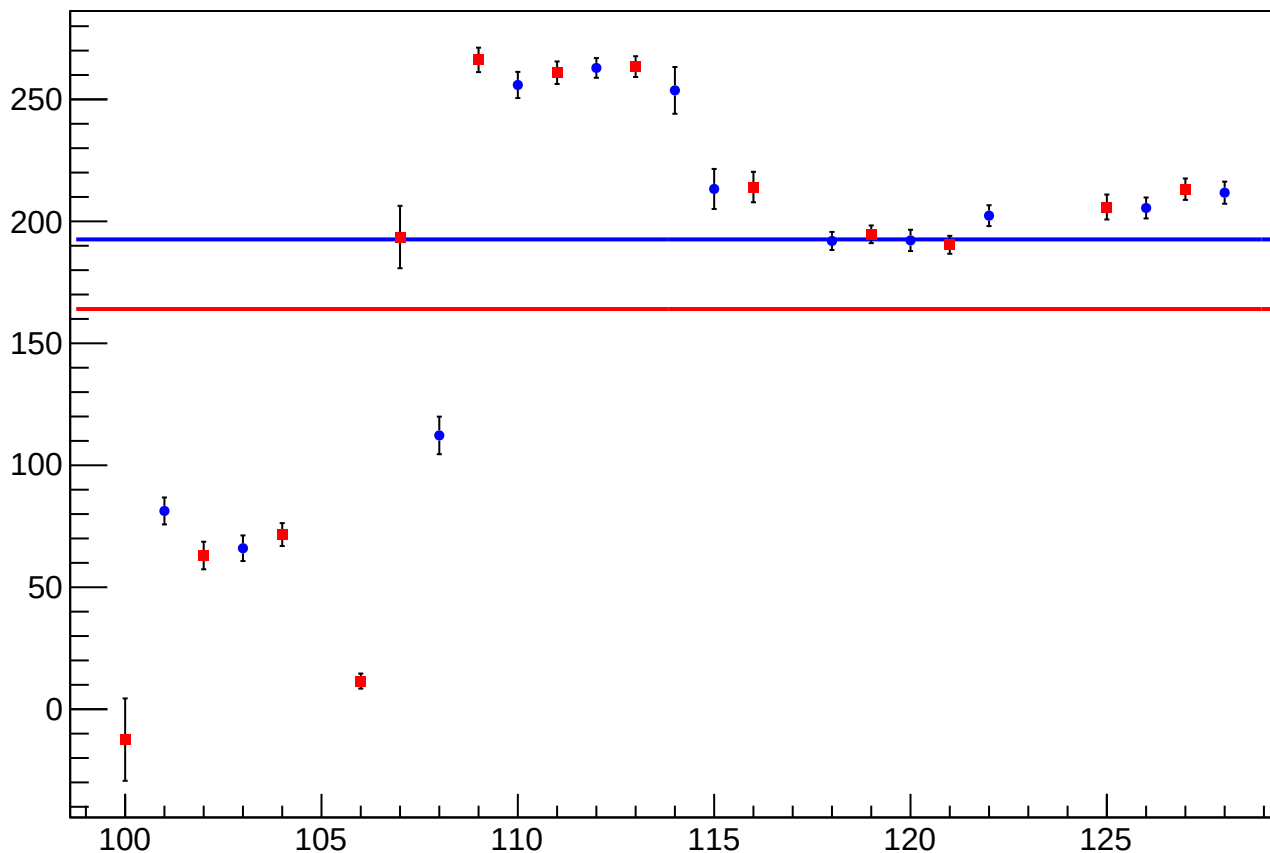
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.604 $\pm$ 0.853 χ^2 /NDF: 158.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_avg_diff_bpm4eX_slope vs Slug



Right In: 192.599 $\pm$ 1.428 χ^2 /NDF: 1616.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 164.063 $\pm$ 1.292 χ^2 /NDF: 5041.8/12

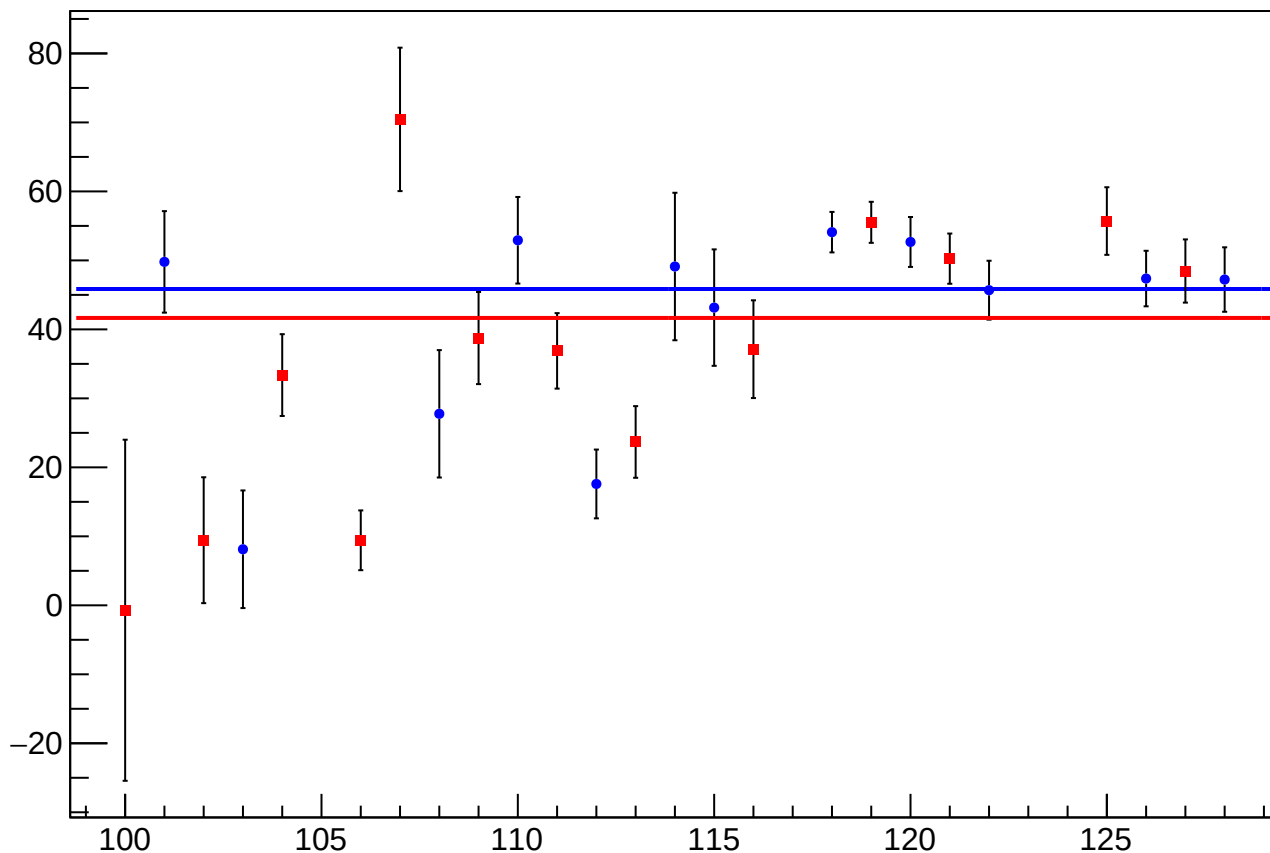
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 176.904 $\pm$ 0.958 χ^2 /NDF: 6877.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_avg_diff_bpm4eY_slope vs Slug



Right In: 45.853+/-1.432 χ^2/NDF : 69.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.657+/-1.421 χ^2/NDF : 131.5/12

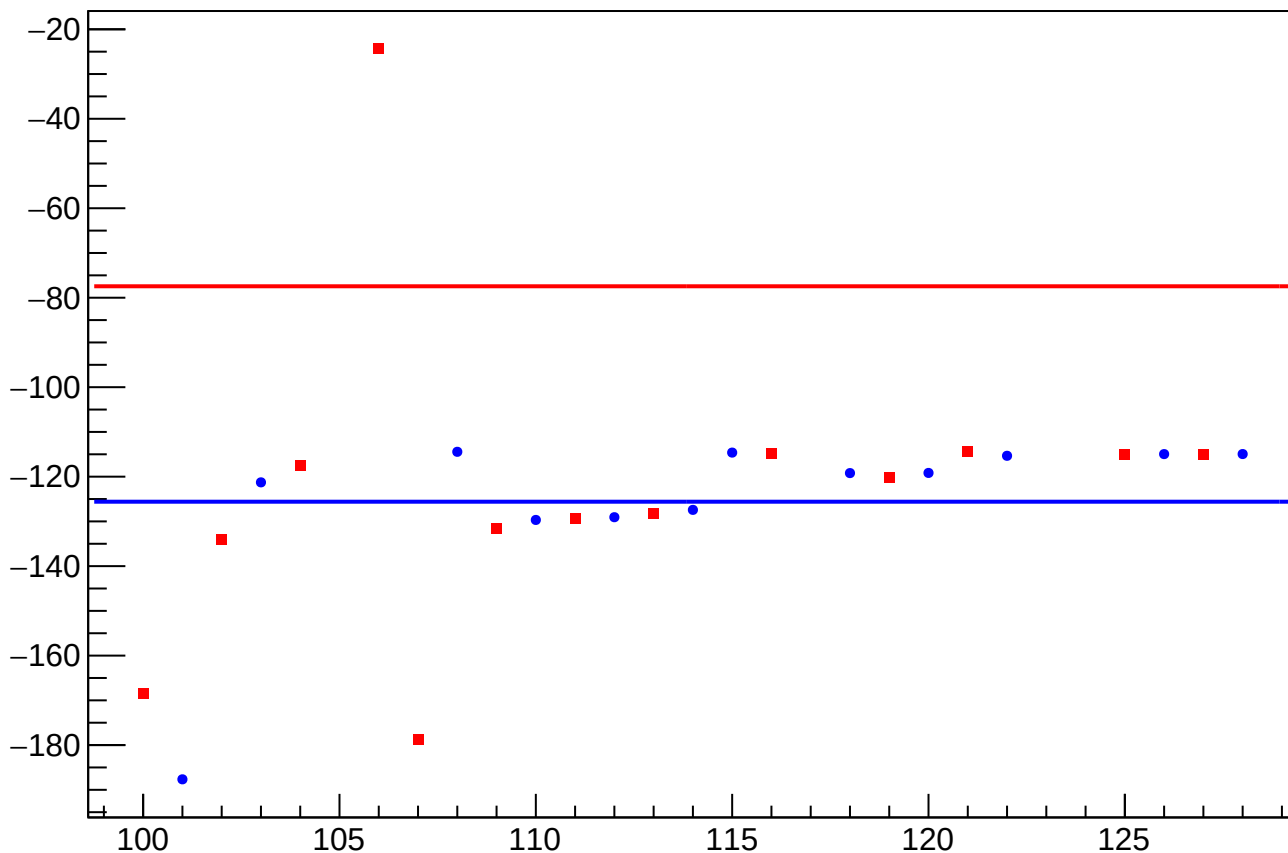
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.738+/-1.009 χ^2/NDF : 204.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_avg_diff_bpm12X_slope vs Slug



Right In: -125.597+/-0.098 χ^2/NDF : 41189.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -77.443+/-0.070 χ^2/NDF : 535358.3/12

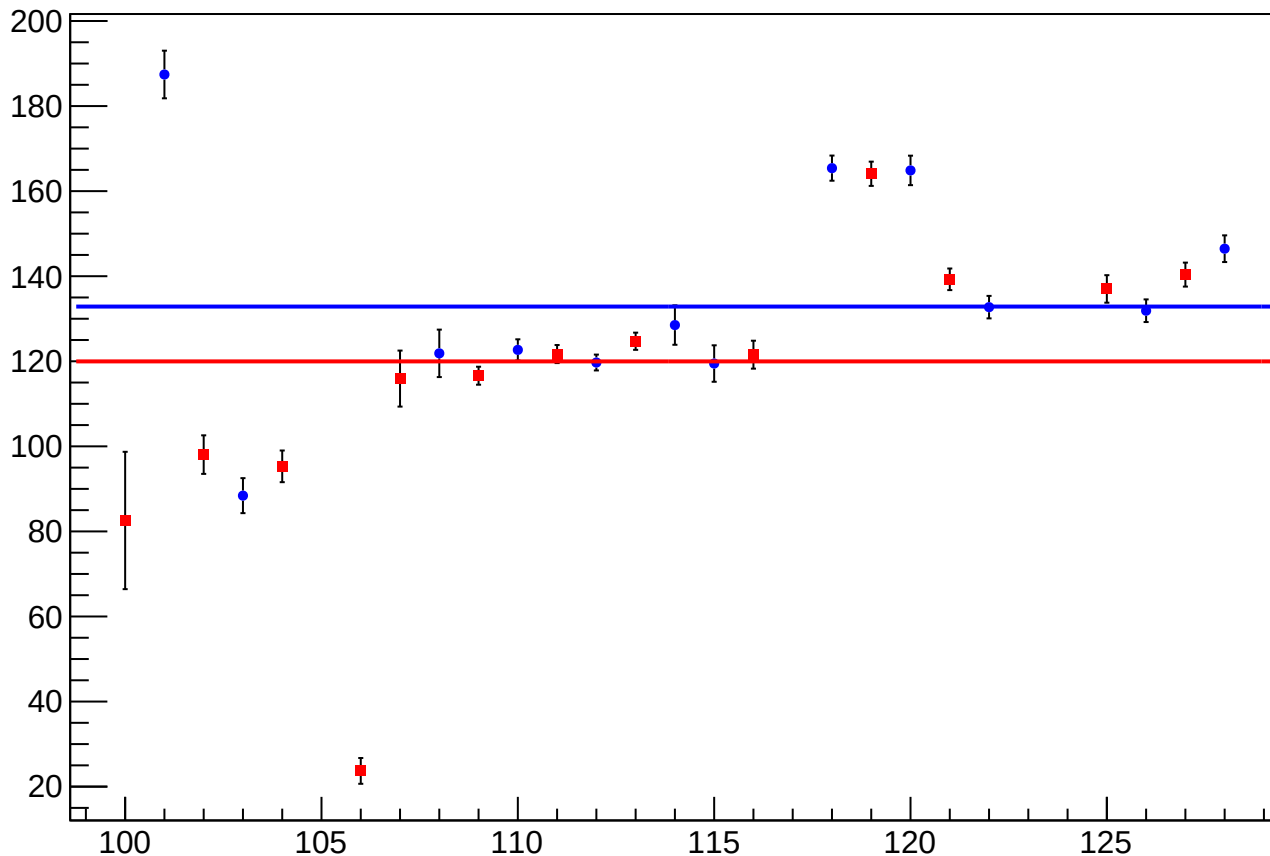
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -93.888+/-0.057 χ^2/NDF : 737159.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_diff_bpm1X_slope vs Slug



Right In: 132.863 $\pm$ 0.892 χ^2 /NDF: 518.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 119.972 $\pm$ 0.806 χ^2 /NDF: 1467.2/12

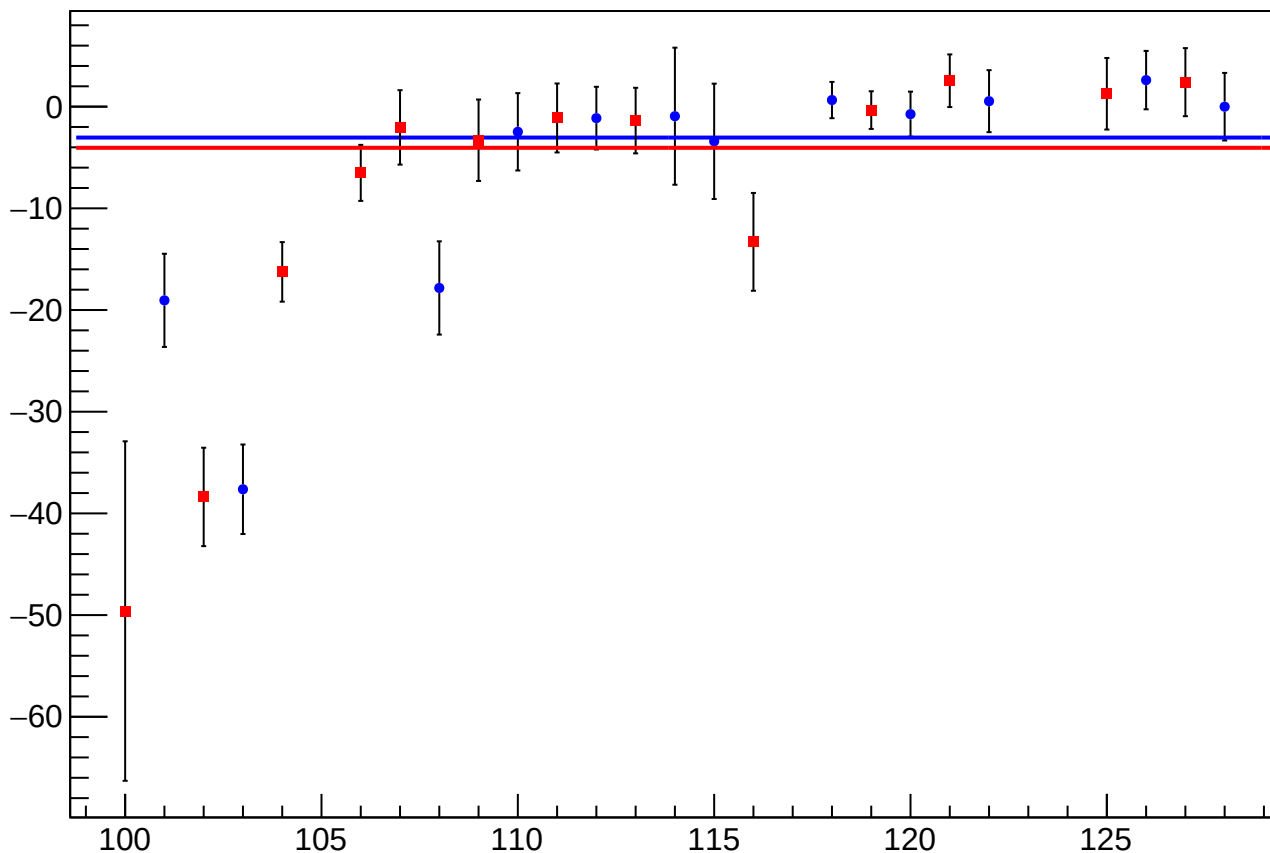
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 125.768 $\pm$ 0.598 χ^2 /NDF: 2100.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_dd_diff_bpm4aY_slope vs Slug



Right In: -3.041+/-0.908 χ^2 /NDF: 96.3/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -4.047+/-0.888 χ^2 /NDF: 97.9/12

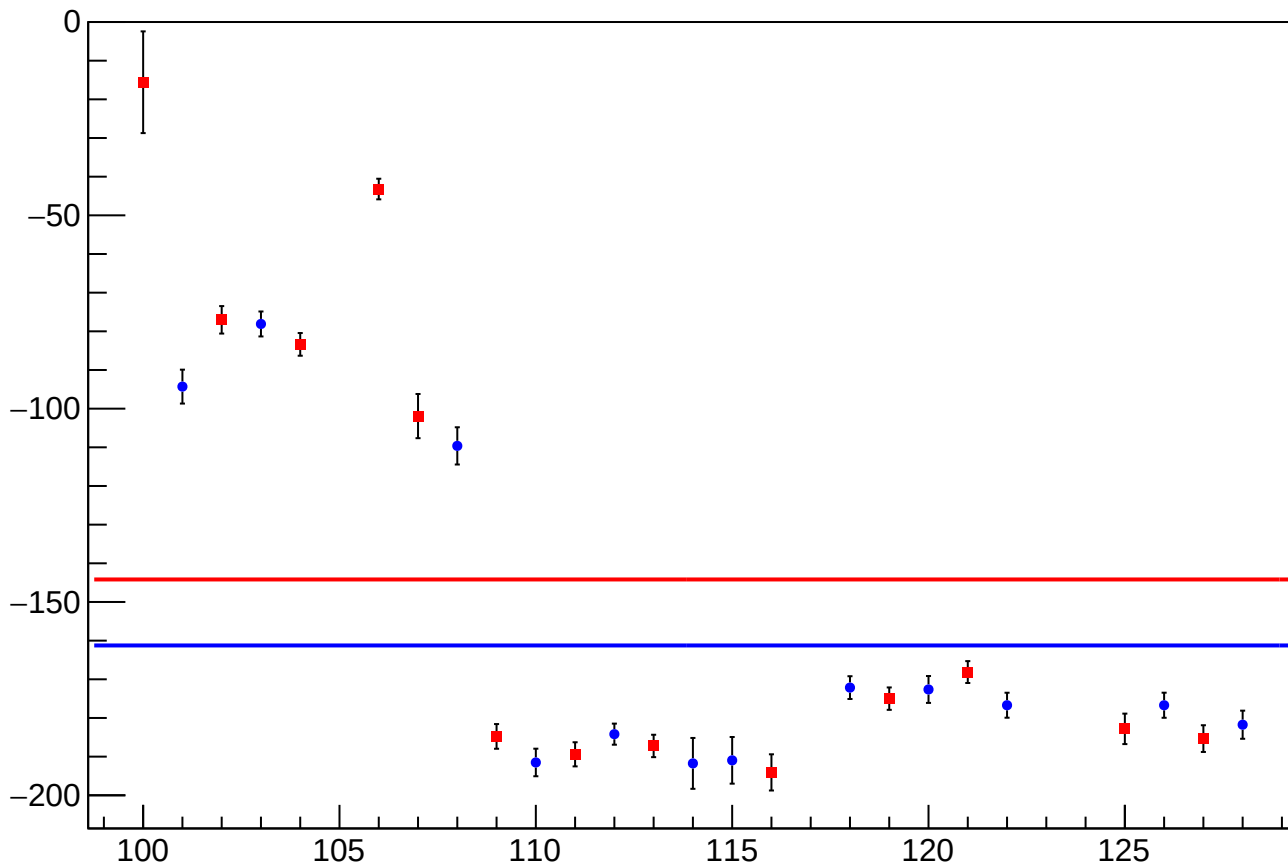
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -3.556+/-0.635 χ^2 /NDF: 194.9/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_dd_diff_bpm4eX_slope vs Slug



Right In: -161.246+/-1.043 χ^2/NDF : 1301.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -144.178+/-0.941 χ^2/NDF : 3501.6/12

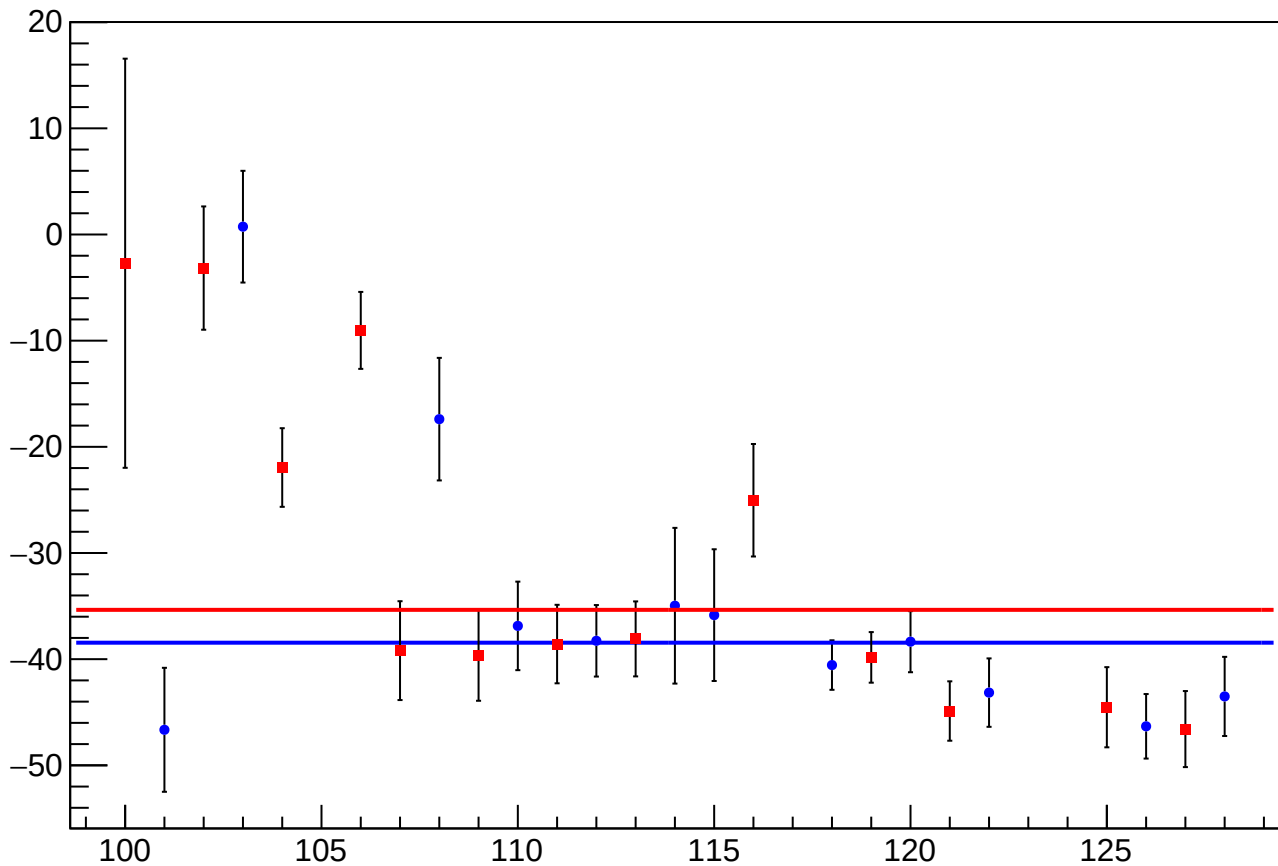
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -151.833+/-0.699 χ^2/NDF : 4951.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_diff_bpm4eY_slope vs Slug



Right In: -38.448 ± 1.074 χ^2/NDF : 82.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.355 ± 1.041 χ^2/NDF : 137.2/12

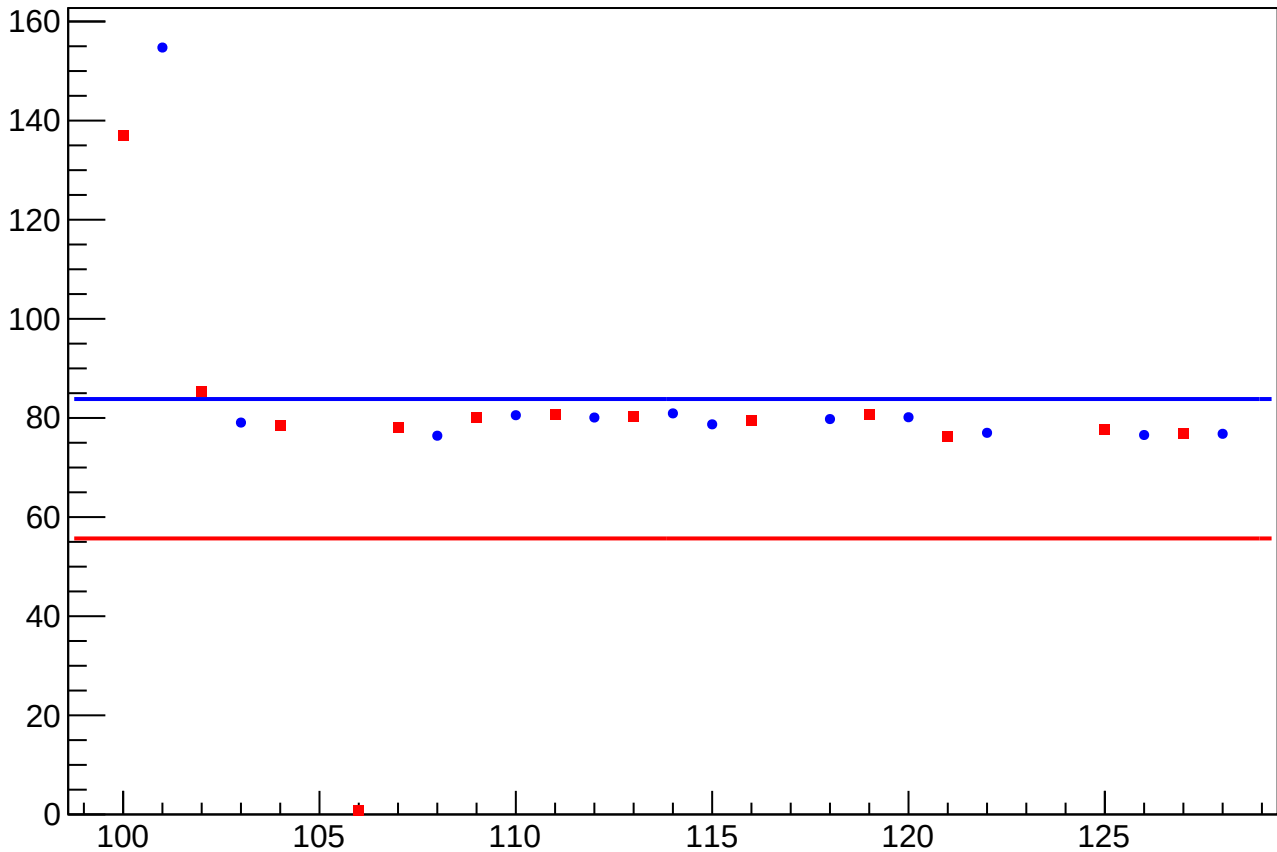
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.853 ± 0.747 χ^2/NDF : 224.2/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_diff_bpm12X_slope vs Slug



Right In: 83.820+/-0.069 χ^2/NDF : 79179.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.691+/-0.054 χ^2/NDF : 479330.5/12

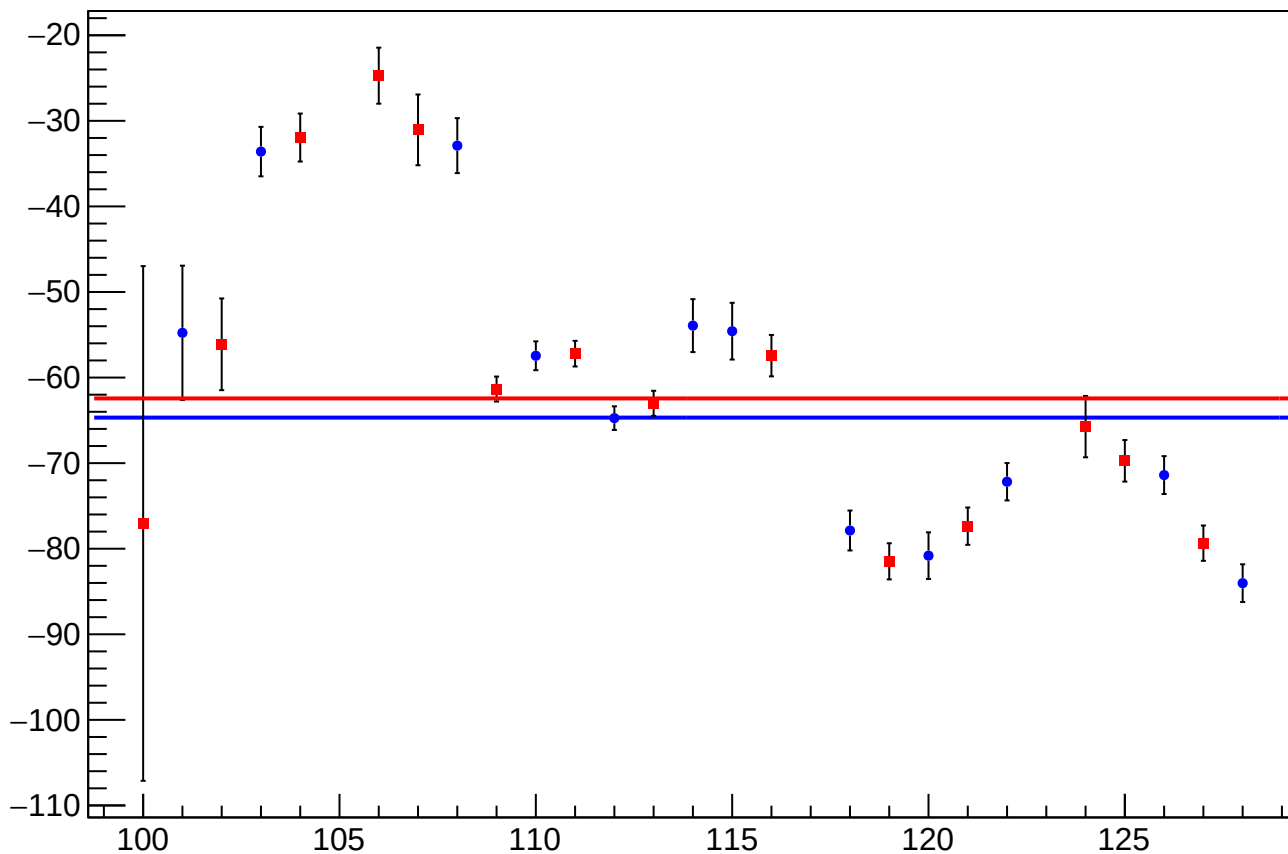
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.424+/-0.042 χ^2/NDF : 662460.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_avg_diff_bpm1X_slope vs Slug



Right In: -64.679 $\pm$ 0.667 χ^2 /NDF: 420.1/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -62.436 $\pm$ 0.600 χ^2 /NDF: 532.3/13

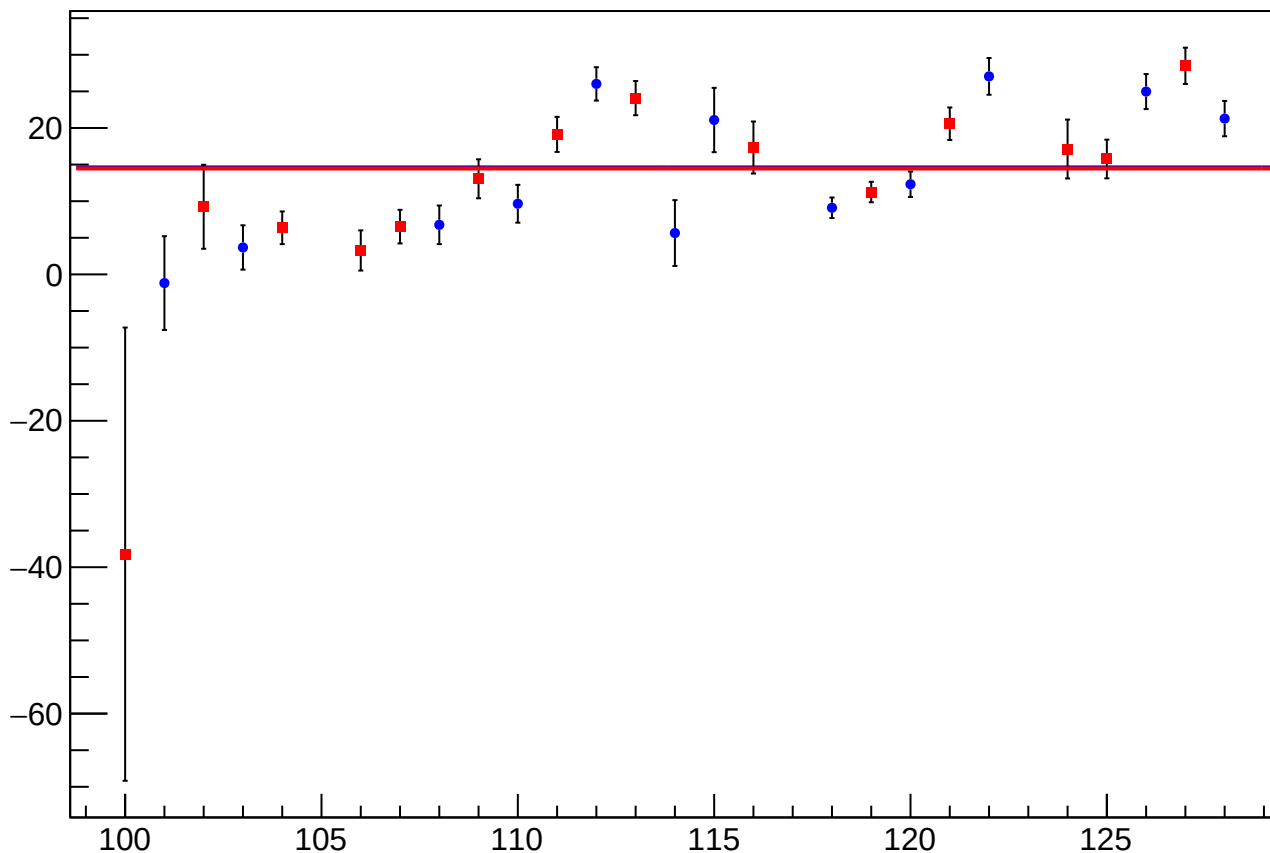
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -63.438 $\pm$ 0.446 χ^2 /NDF: 958.6/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_avg_diff_bpm4aY_slope vs Slug



Right In: 14.614 $\pm$ 0.696 χ^2 /NDF: 131.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.467 $\pm$ 0.672 χ^2 /NDF: 112.7/13

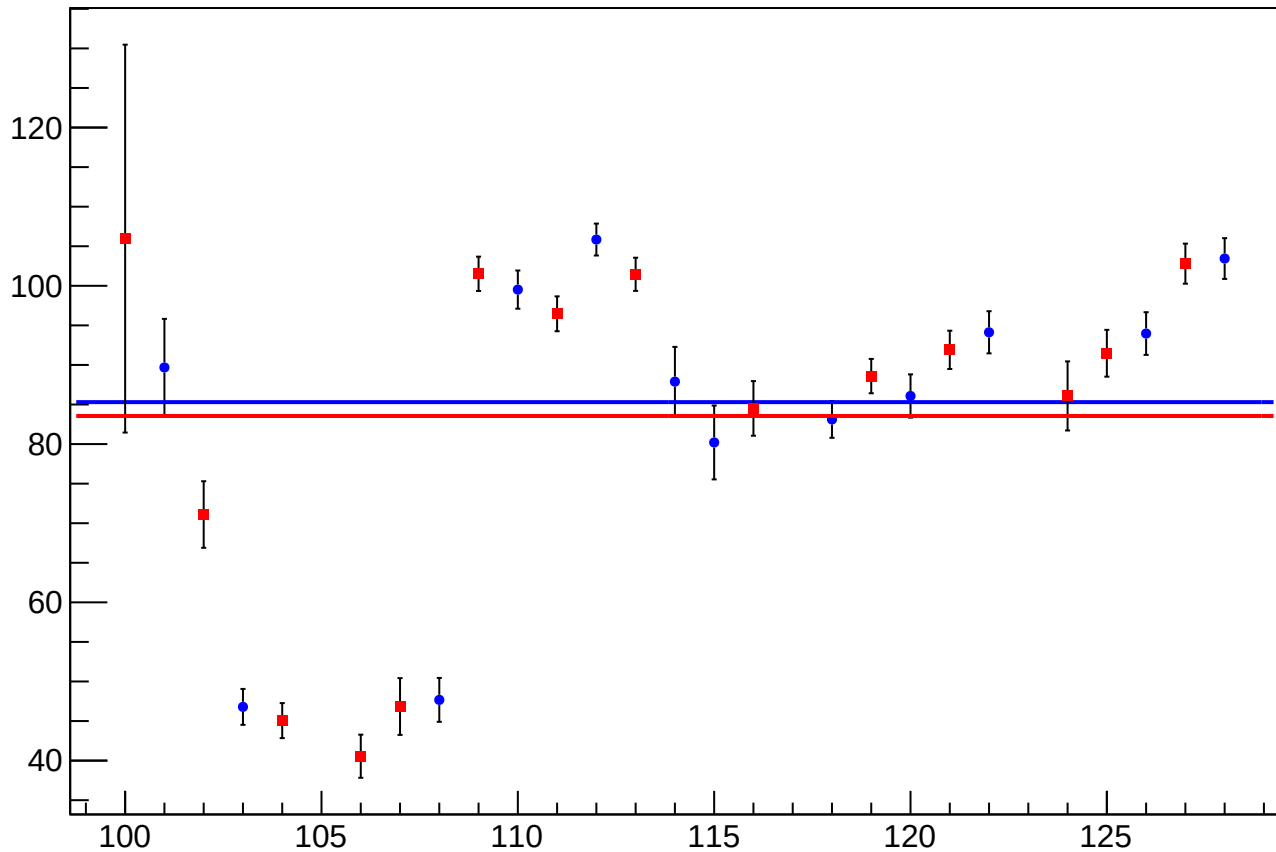
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.538 $\pm$ 0.483 χ^2 /NDF: 243.8/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_avg_diff_bpm4eX_slope vs Slug



Right In: 85.301+/-0.787 χ^2/NDF : 684.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.551+/-0.723 χ^2/NDF : 924.8/13

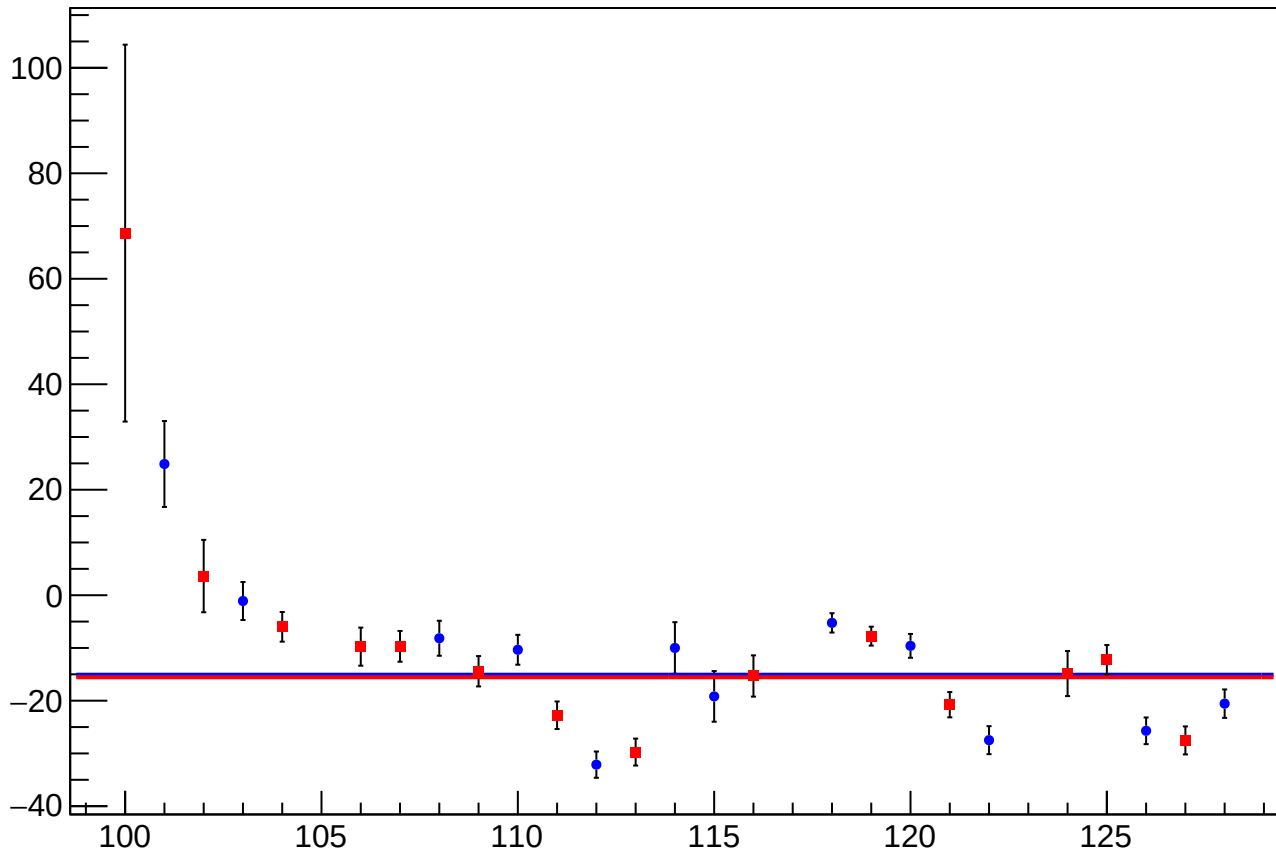
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.352+/-0.533 χ^2/NDF : 1612.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_avg_diff_bpm4eY_slope vs Slug



Right In: -15.074 ± 0.821 χ^2/NDF : 173.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.555 ± 0.782 χ^2/NDF : 115.4/13

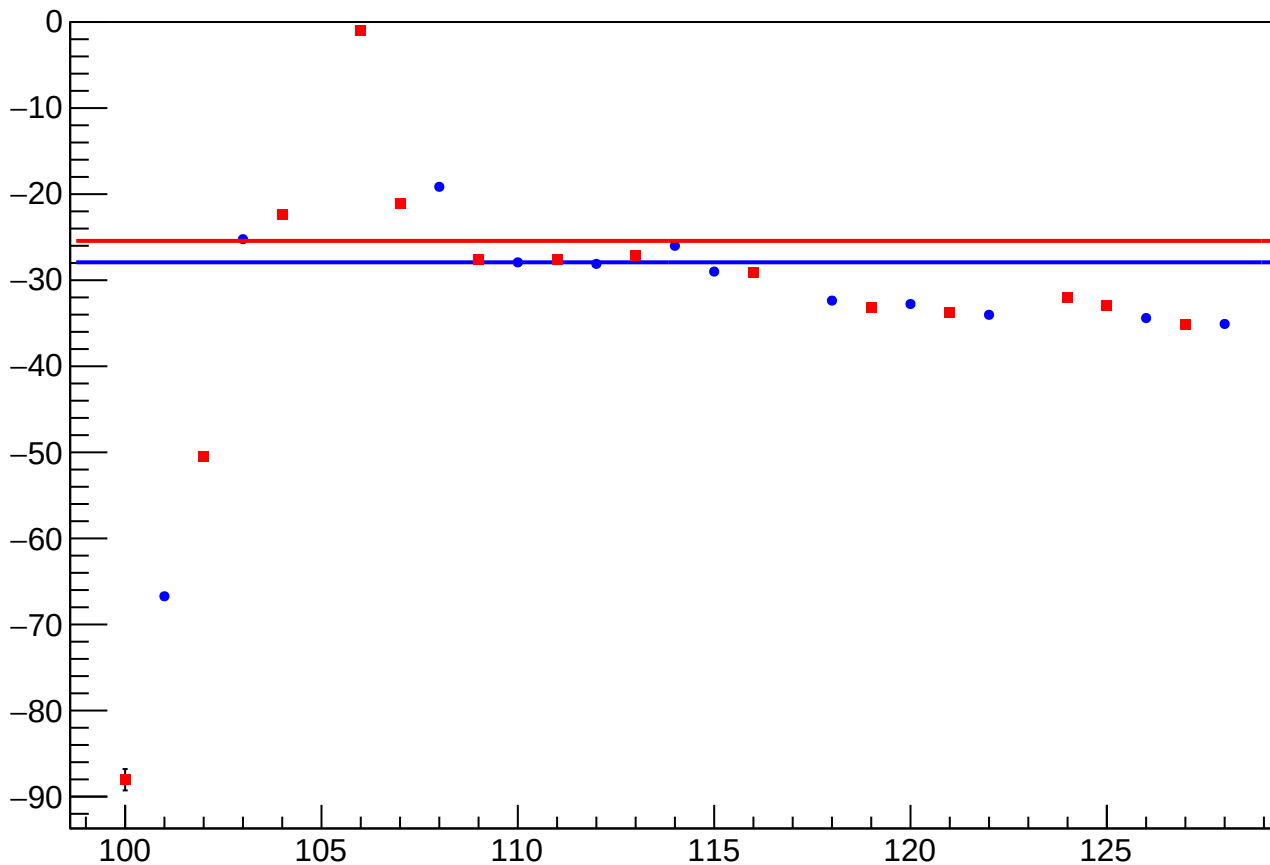
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.326 ± 0.566 χ^2/NDF : 288.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_avg_diff_bpm12X_slope vs Slug



Right In: -27.920+/-0.050 χ^2/NDF : 22392.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.429+/-0.046 χ^2/NDF : 69174.1/13

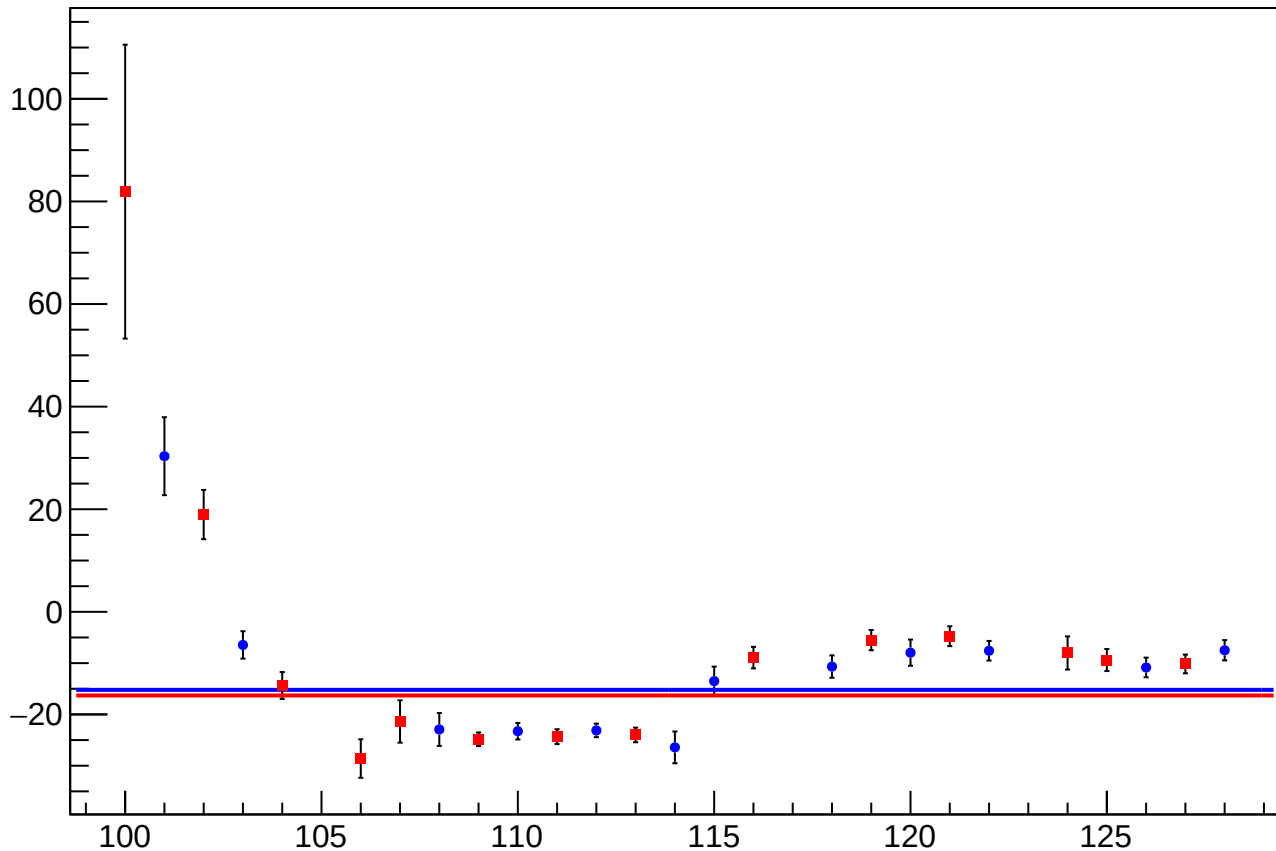
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.572+/-0.034 χ^2/NDF : 92911.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_diff_bpm1X_slope vs Slug



Right In: -15.209+/-0.619 χ^2/NDF : 175.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.306+/-0.558 χ^2/NDF : 285.5/13

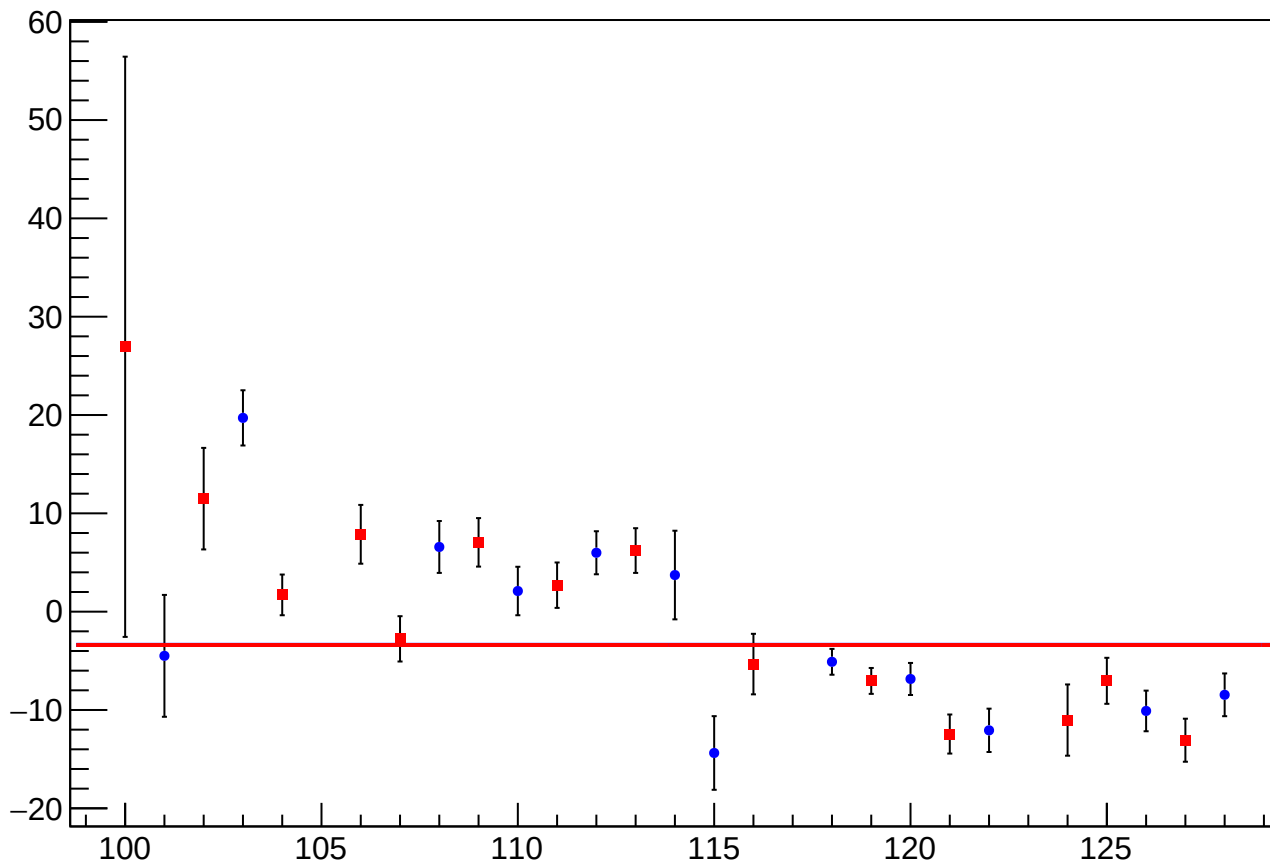
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.815+/-0.414 χ^2/NDF : 462.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_diff_bpm4aY_slope vs Slug



Right In: -3.374+/-0.646 χ^2/NDF : 154.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.391+/-0.630 χ^2/NDF : 127.7/13

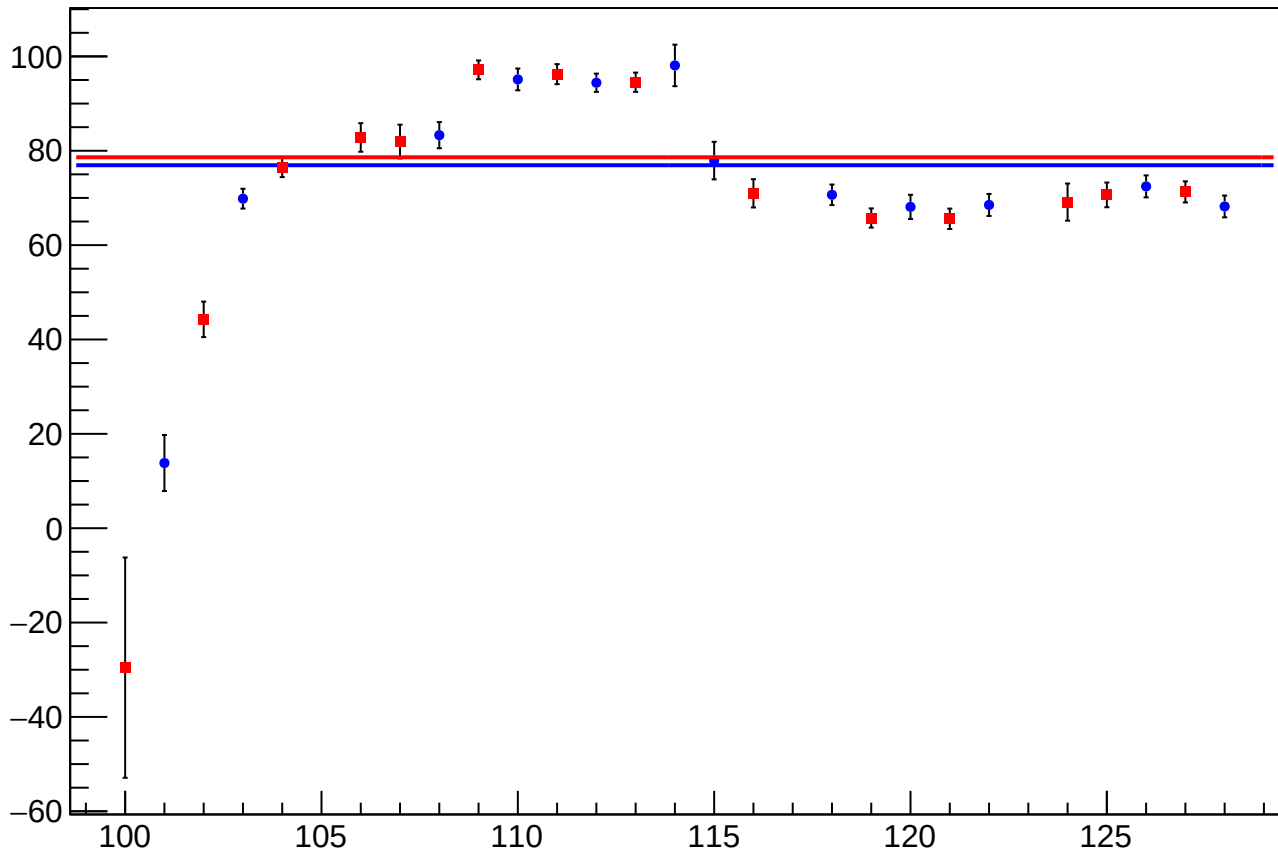
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.383+/-0.451 χ^2/NDF : 281.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_diff_bpm4eX_slope vs Slug



Right In: 76.931+/-0.731 χ^2/NDF : 347.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.617+/-0.677 χ^2/NDF : 432.8/13

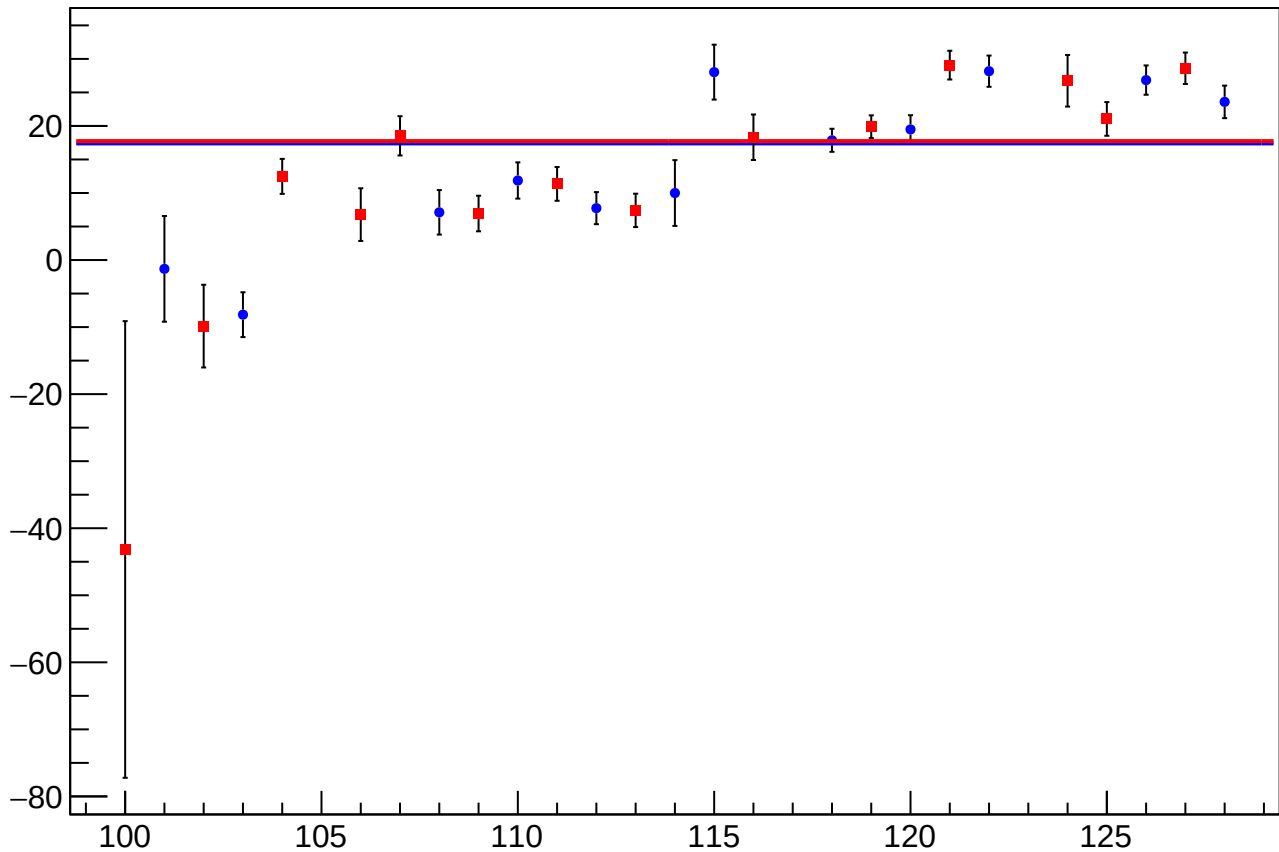
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.838+/-0.497 χ^2/NDF : 783.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs Slug



Right In: 17.395 $\pm$ 0.759 χ^2 /NDF: 150.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.743 $\pm$ 0.729 χ^2 /NDF: 133.7/13

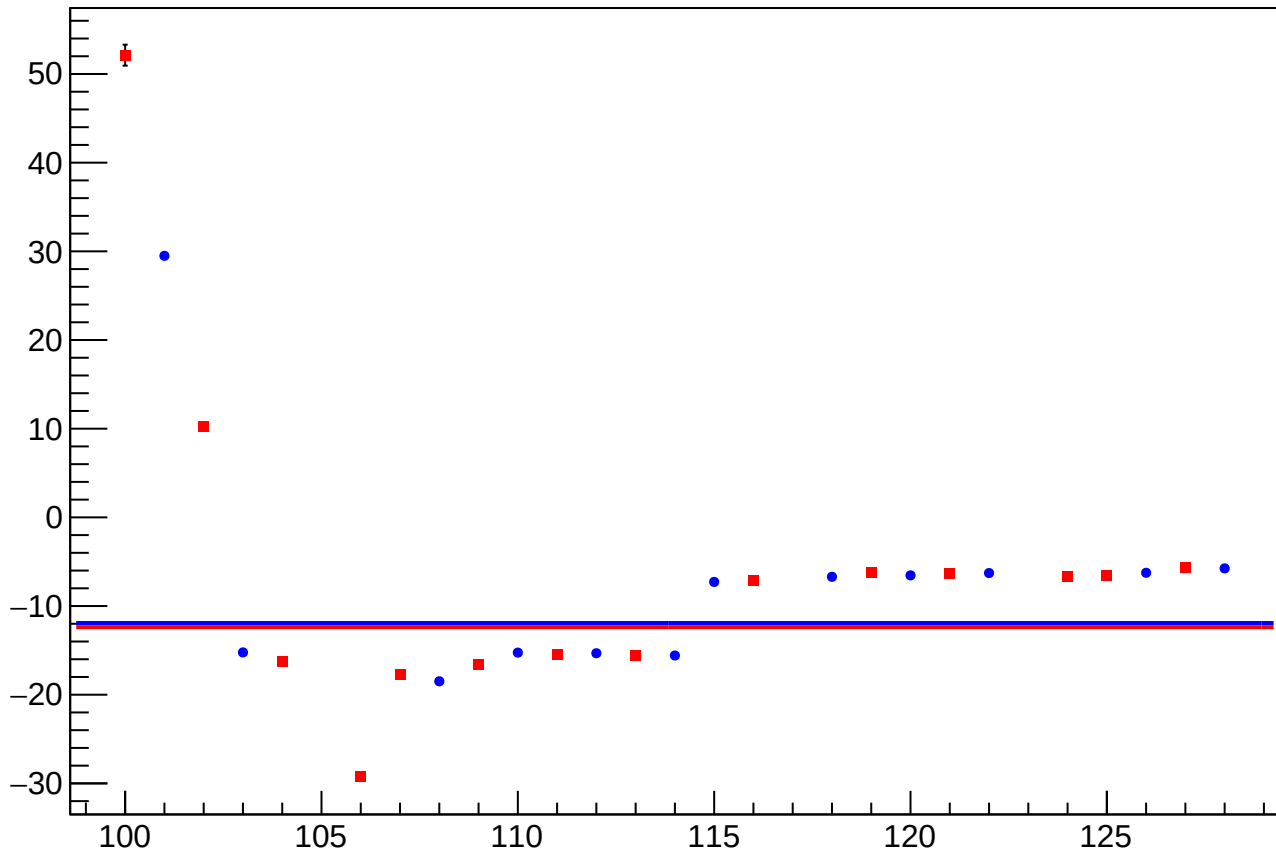
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.576 $\pm$ 0.526 χ^2 /NDF: 284.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_dd_diff_bpm12X_slope vs Slug



Right In: -11.914 ± 0.047 χ^2/NDF : 24515.3/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -12.382 ± 0.044 χ^2/NDF : 45761.2/13

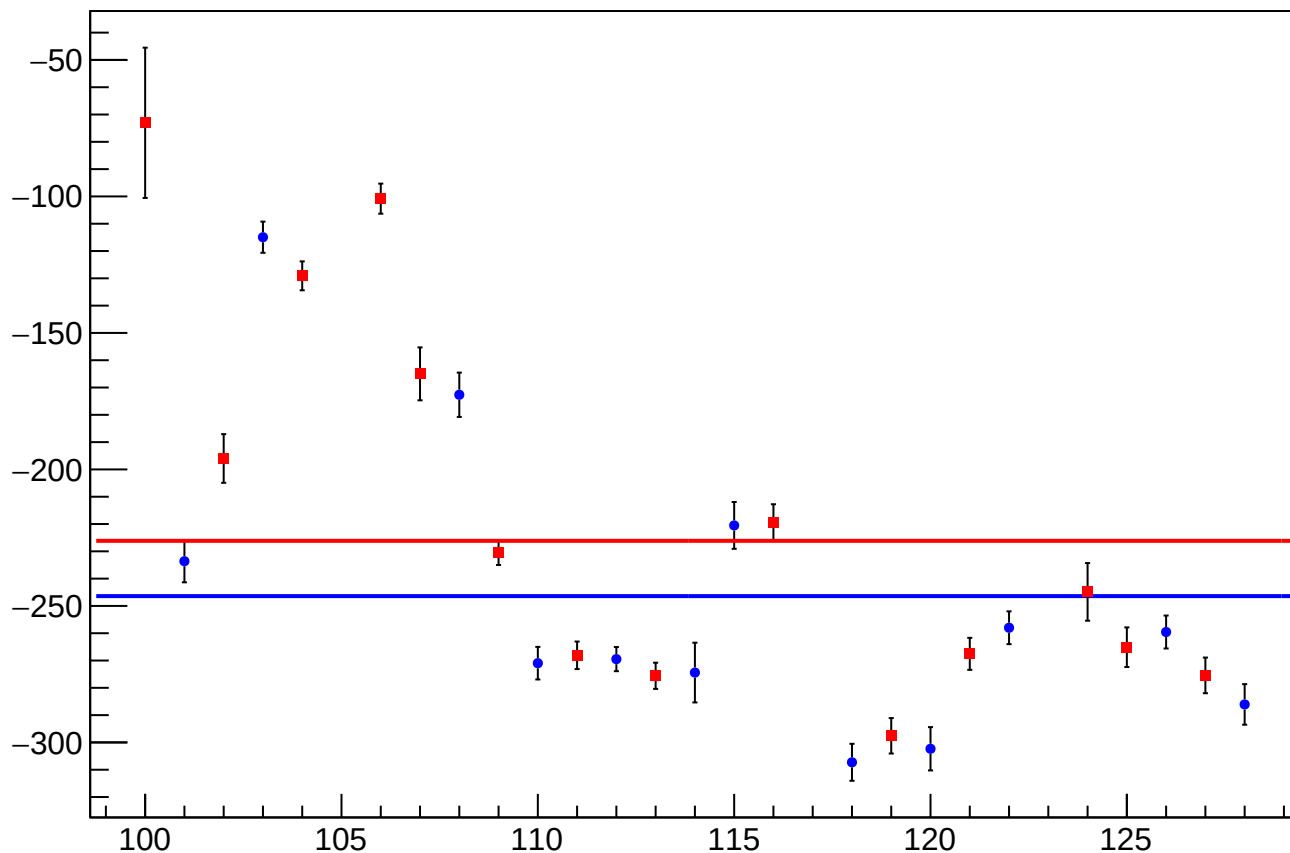
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.162 ± 0.032 χ^2/NDF : 70329.5/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_avg_diff_bpm1X_slope vs Slug



Right In: -246.406 $\pm$ 1.908 χ^2 /NDF: 842.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -226.154 $\pm$ 1.682 χ^2 /NDF: 1373.0/13

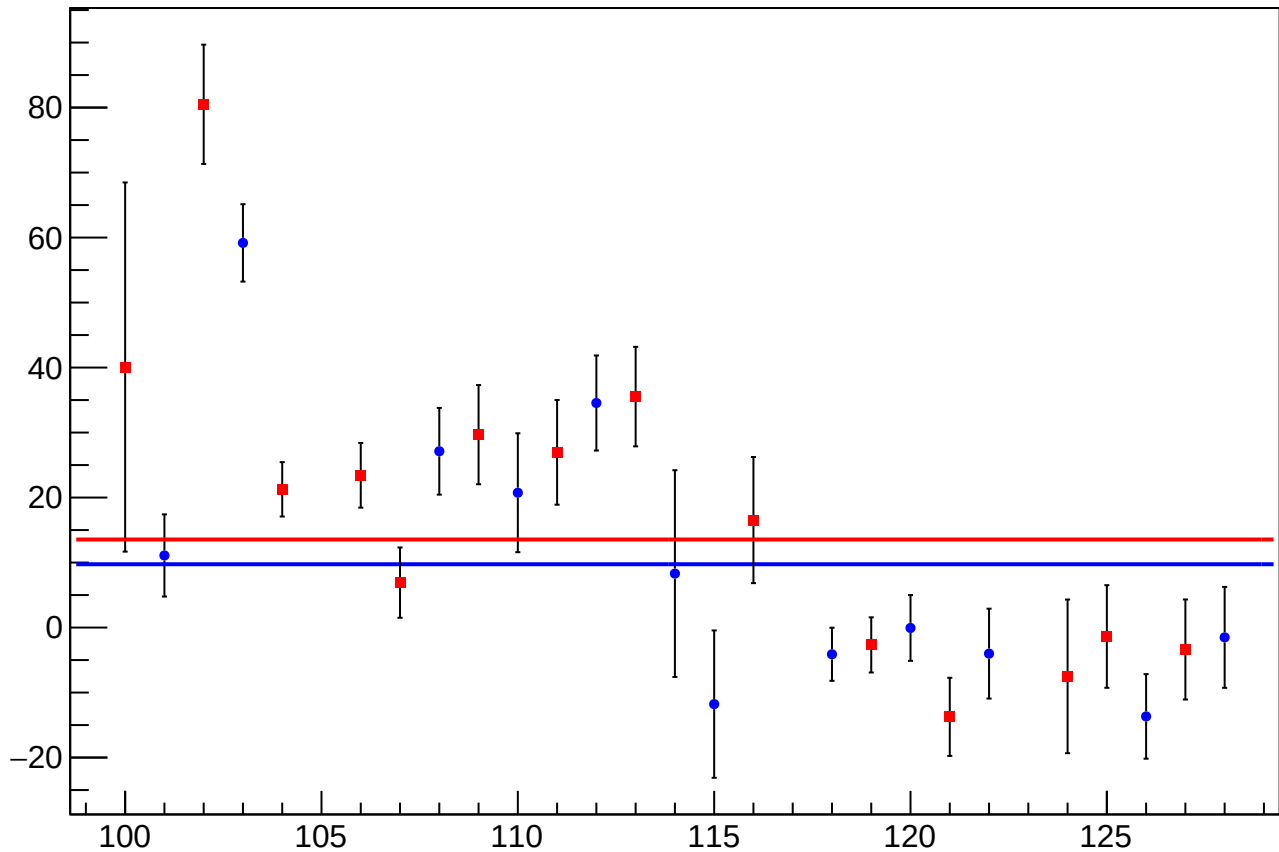
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -235.009 $\pm$ 1.262 χ^2 /NDF: 2279.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_avg_diff_bpm4aY_slope vs Slug



Right In: 9.741 $\pm$ 1.896 χ^2 /NDF: 126.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.547 $\pm$ 1.745 χ^2 /NDF: 125.4/13

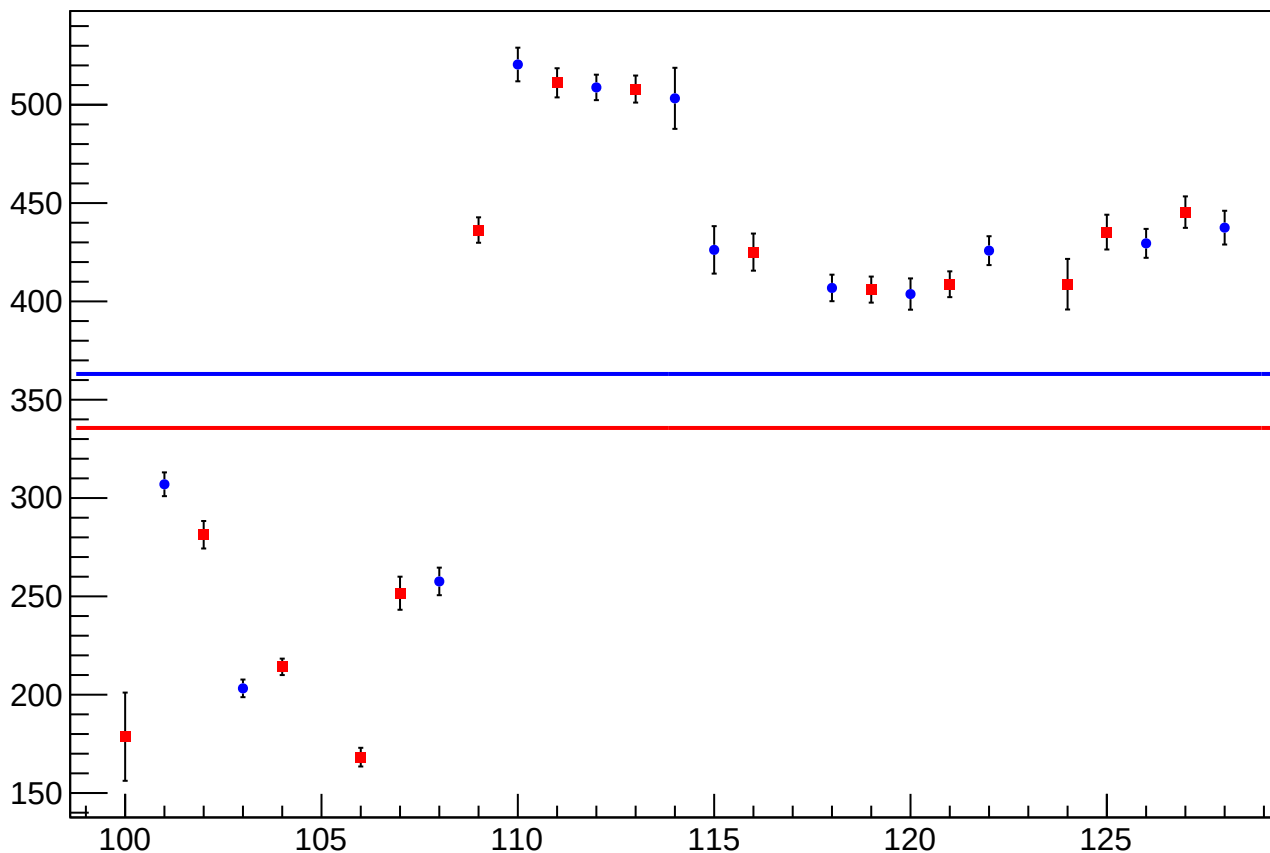
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.802 $\pm$ 1.284 χ^2 /NDF: 254.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_avg_diff_bpm4eX_slope vs Slug



Right In: 363.098 $\pm$ 2.065 χ^2 /NDF: 2837.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 335.639 $\pm$ 1.847 χ^2 /NDF: 4400.8/13

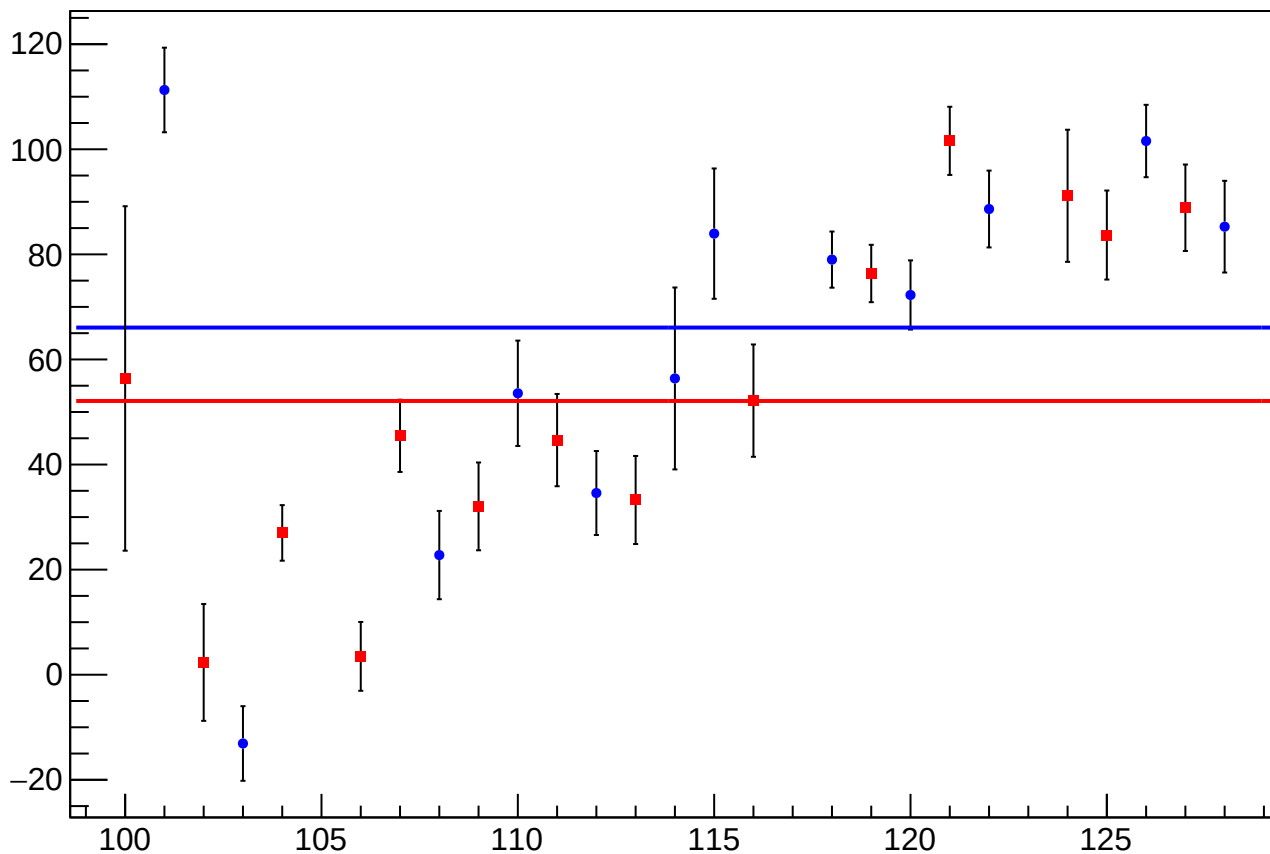
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 347.842 $\pm$ 1.377 χ^2 /NDF: 7336.4/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_avg_diff_bpm4eY_slope vs Slug



Right In: 66.067 $\pm$ 2.259 χ^2 /NDF: 249.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 52.097 $\pm$ 2.077 χ^2 /NDF: 231.6/13

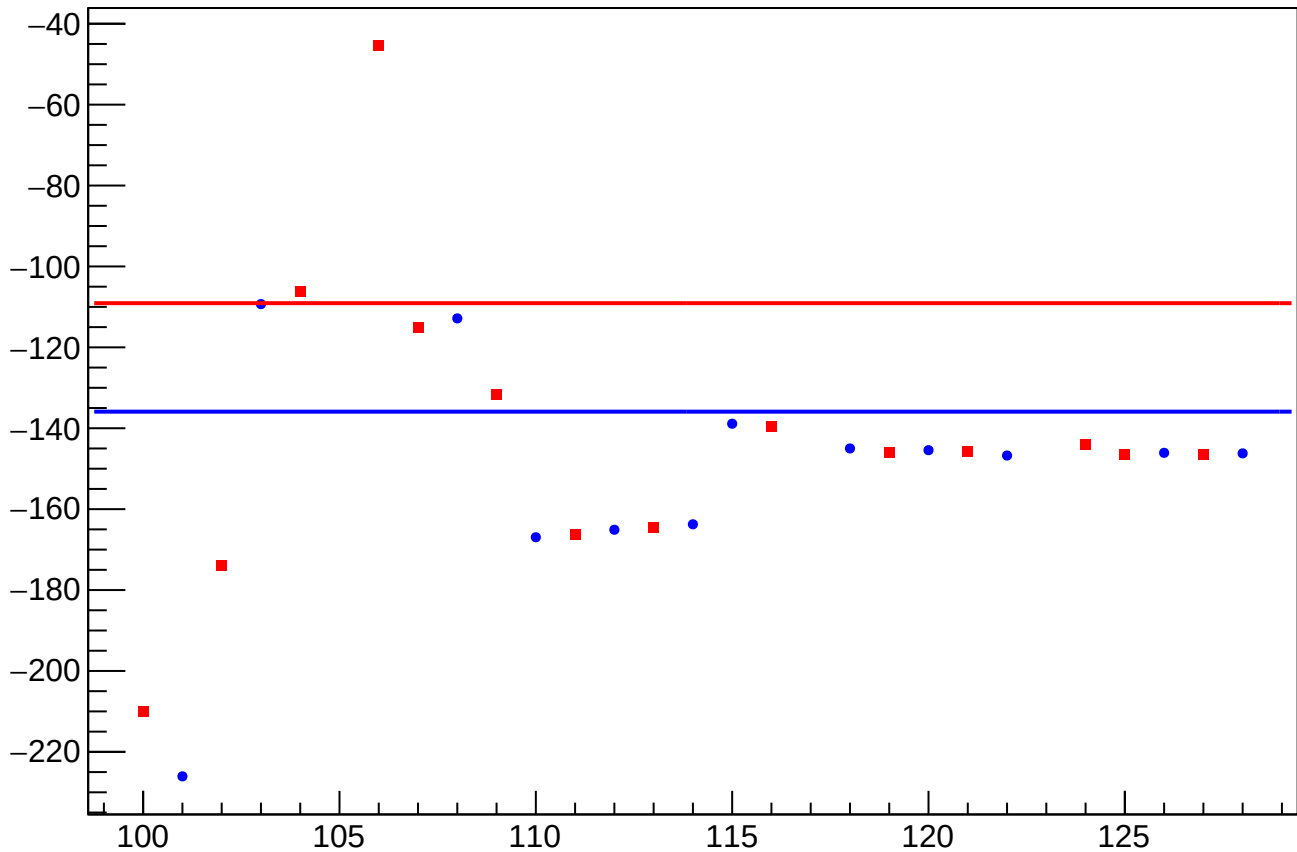
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 58.494 $\pm$ 1.529 χ^2 /NDF: 501.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_avg_diff_bpm12X_slope vs Slug



Right In: -135.898 ± 0.119 χ^2/NDF : 96229.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -109.078 ± 0.100 χ^2/NDF : 210031.9/13

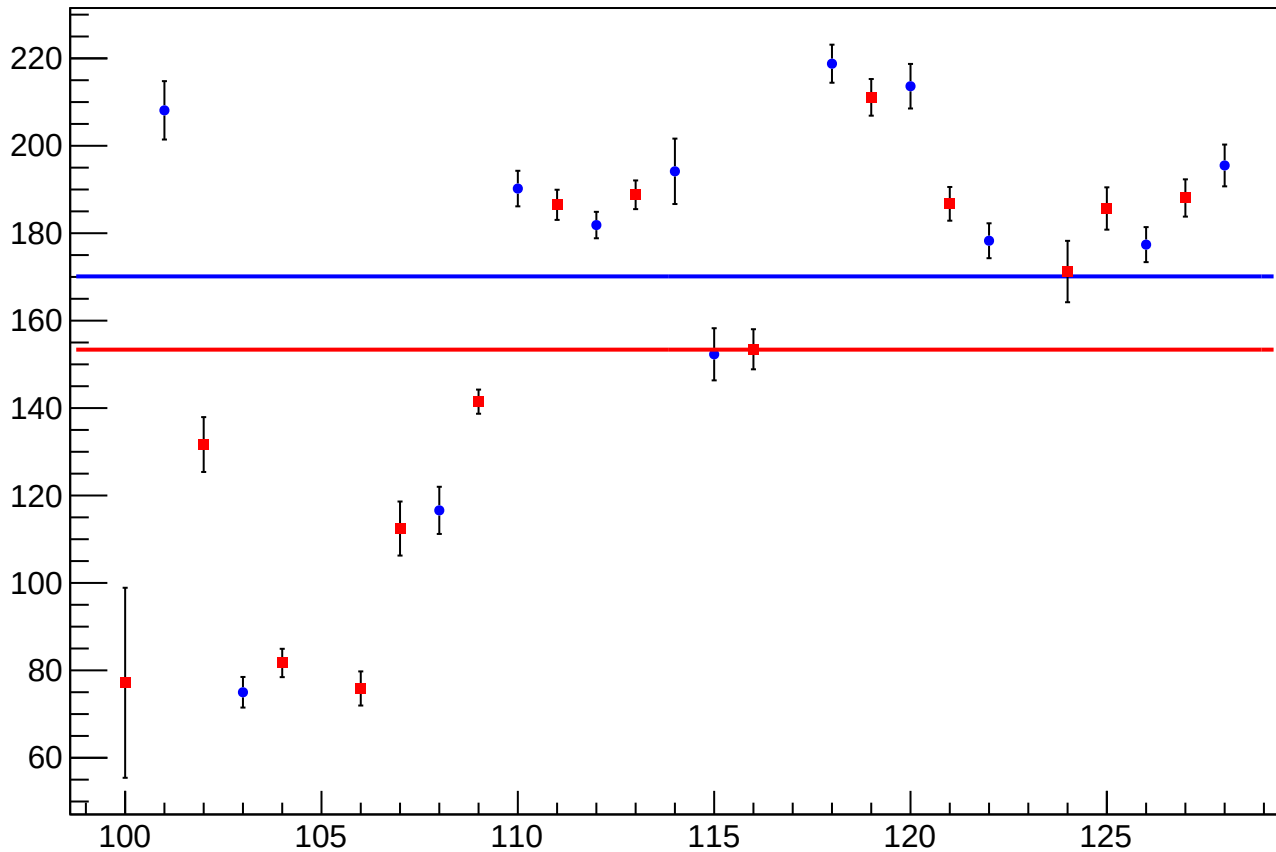
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -120.212 ± 0.077 χ^2/NDF : 335895.6/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_diff_bpm1X_slope vs Slug



Right In: 170.121+/-1.276 χ^2/NDF : 1160.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.367+/-1.110 χ^2/NDF : 1560.3/13

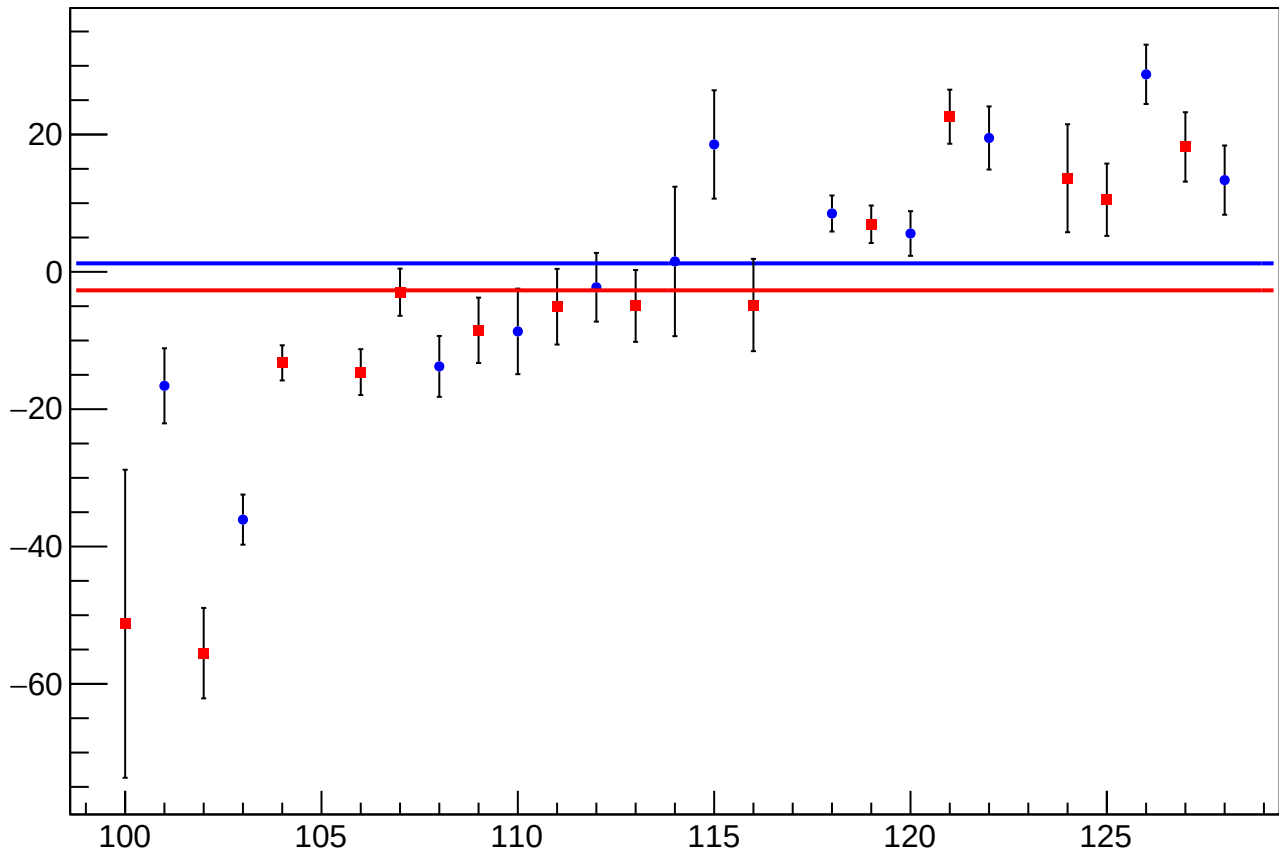
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.581+/-0.837 χ^2/NDF : 2819.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_diff_bpm4aY_slope vs Slug



Right In: 1.235+/-1.260 χ^2/NDF : 206.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.695+/-1.134 χ^2/NDF : 182.1/13

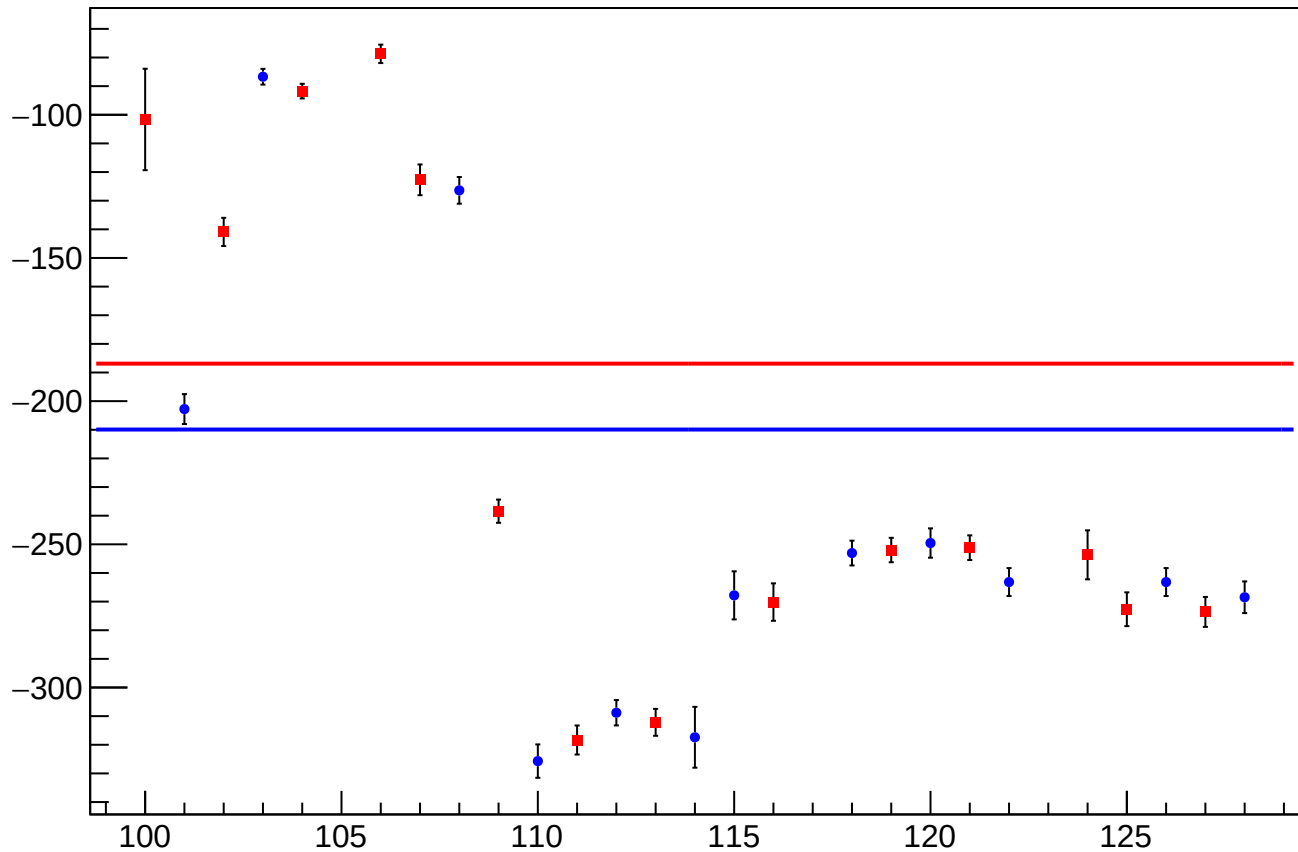
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.937+/-0.843 χ^2/NDF : 393.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_diff_bpm4eX_slope vs Slug



Right In: -209.910 ± 1.378 χ^2/NDF : 3885.5/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -186.898 ± 1.208 χ^2/NDF : 5484.6/13

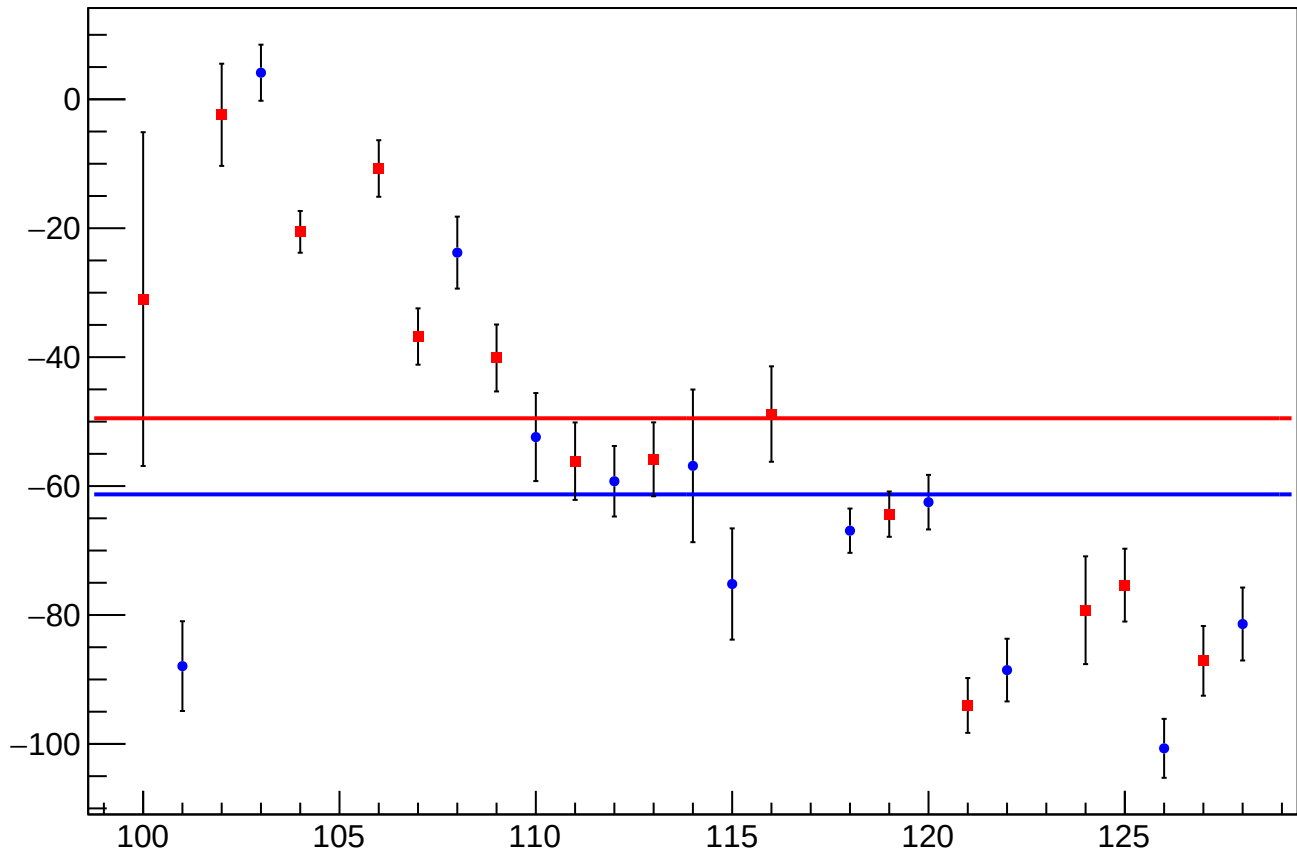
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -196.894 ± 0.908 χ^2/NDF : 9527.8/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_diff_bpm4eY_slope vs Slug



Right In: -61.288 $\pm$ 1.503 χ^2 /NDF: 411.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -49.482 $\pm$ 1.352 χ^2 /NDF: 417.5/13

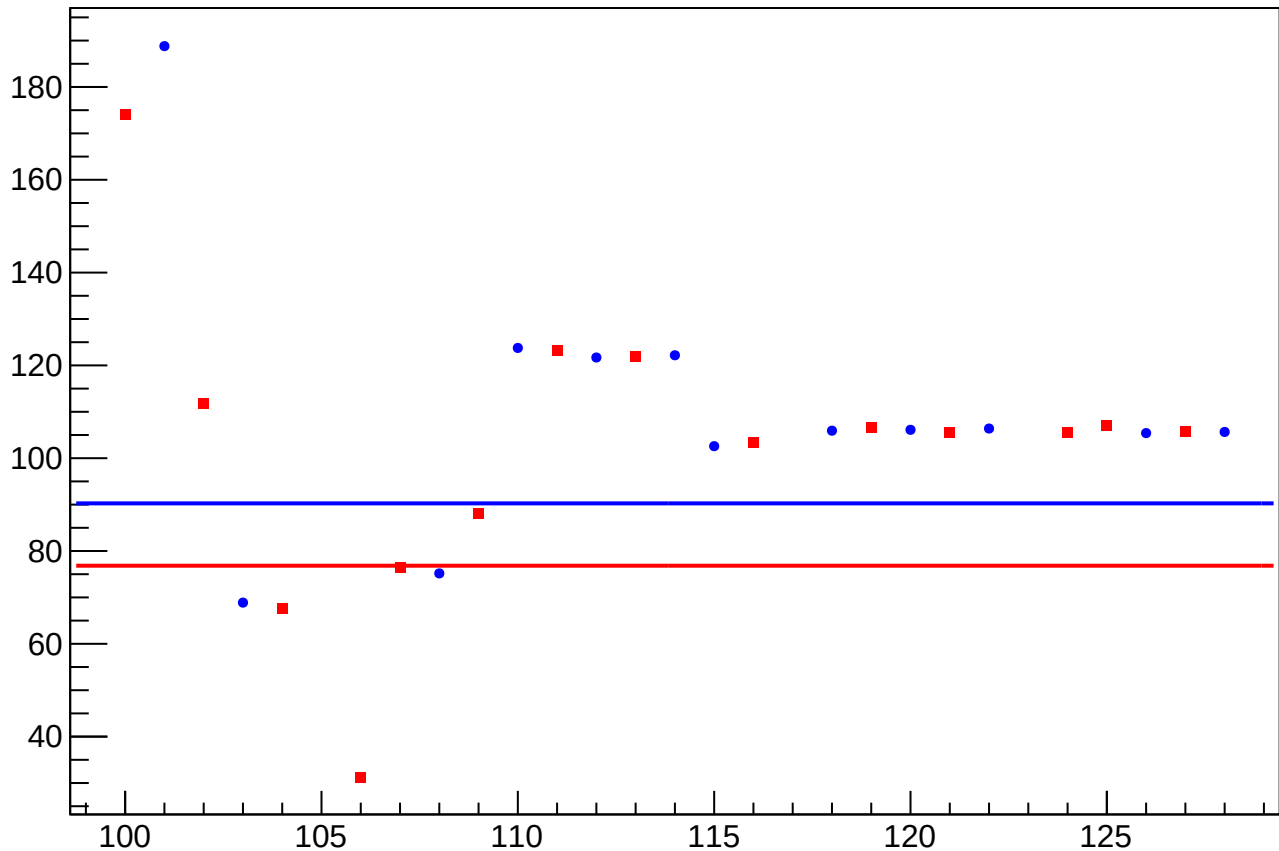
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -54.765 $\pm$ 1.005 χ^2 /NDF: 862.9/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_dd_diff_bpm12X_slope vs Slug



Right In: 90.267+/-0.078 χ^2/NDF : 163891.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.833+/-0.068 χ^2/NDF : 196564.4/13

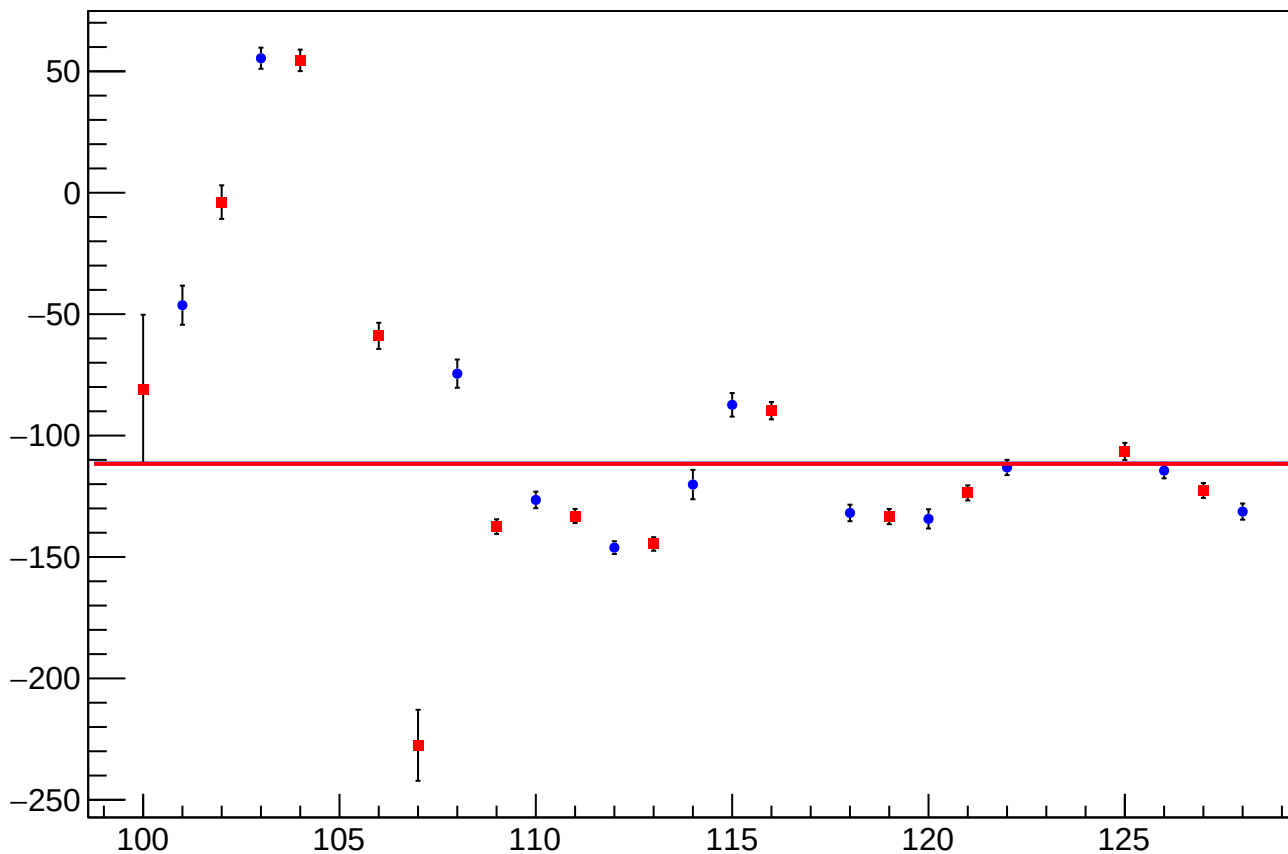
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.627+/-0.051 χ^2/NDF : 377253.0/25

- 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: -111.537+/-1.093 χ^2/NDF : 1901.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -111.615+/-1.034 χ^2/NDF : 2187.3/12

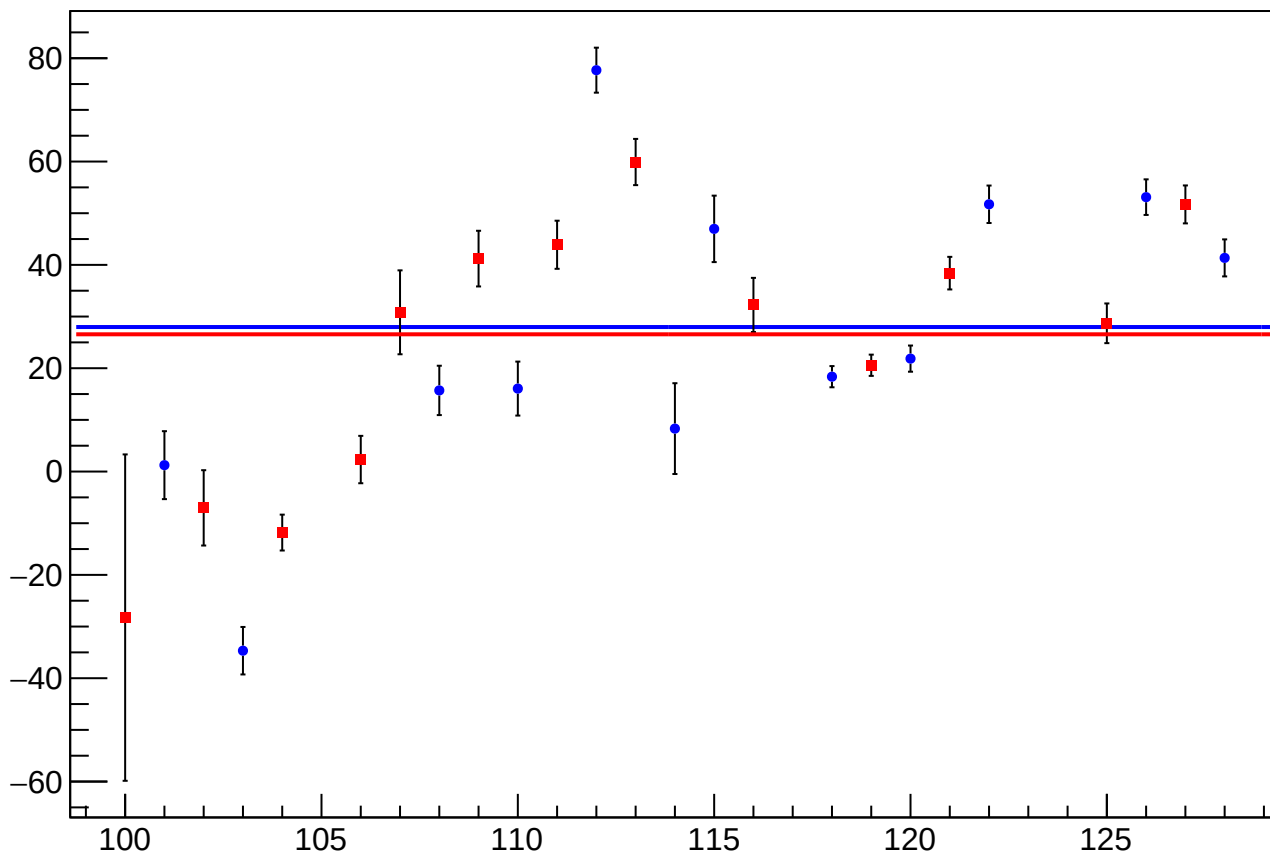
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -111.578+/-0.751 χ^2/NDF : 4089.1/24

- 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: 27.971+/-1.070 χ^2 /NDF: 496.1/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 26.564+/-1.110 χ^2 /NDF: 322.4/12

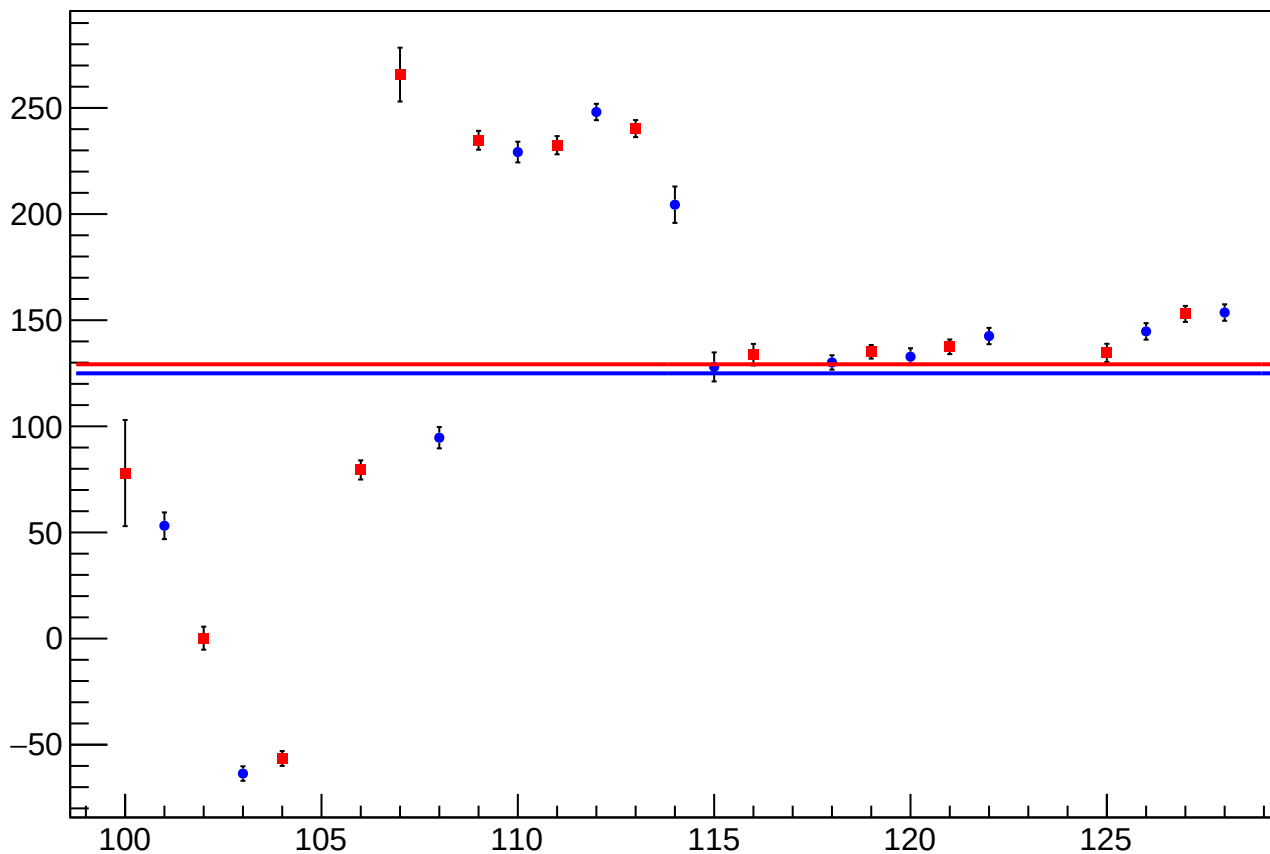
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 27.293+/-0.771 χ^2 /NDF: 819.3/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 124.962 $\pm$ 1.245 χ^2 /NDF: 4884.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 129.225 $\pm$ 1.209 χ^2 /NDF: 5584.3/12

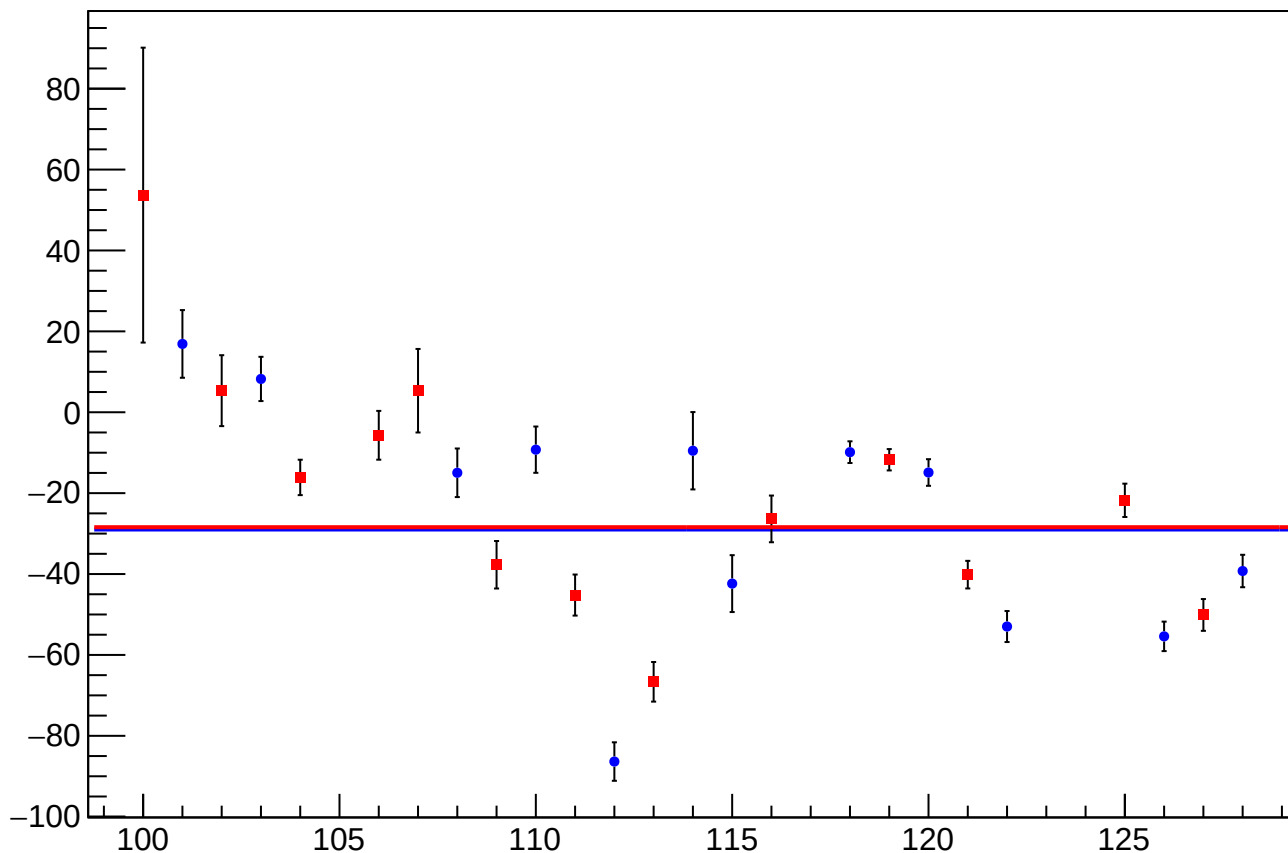
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 127.157 $\pm$ 0.867 χ^2 /NDF: 10475.1/24

- 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: -28.989+/-1.272 χ^2/NDF : 414.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -28.419+/-1.296 χ^2/NDF : 211.9/12

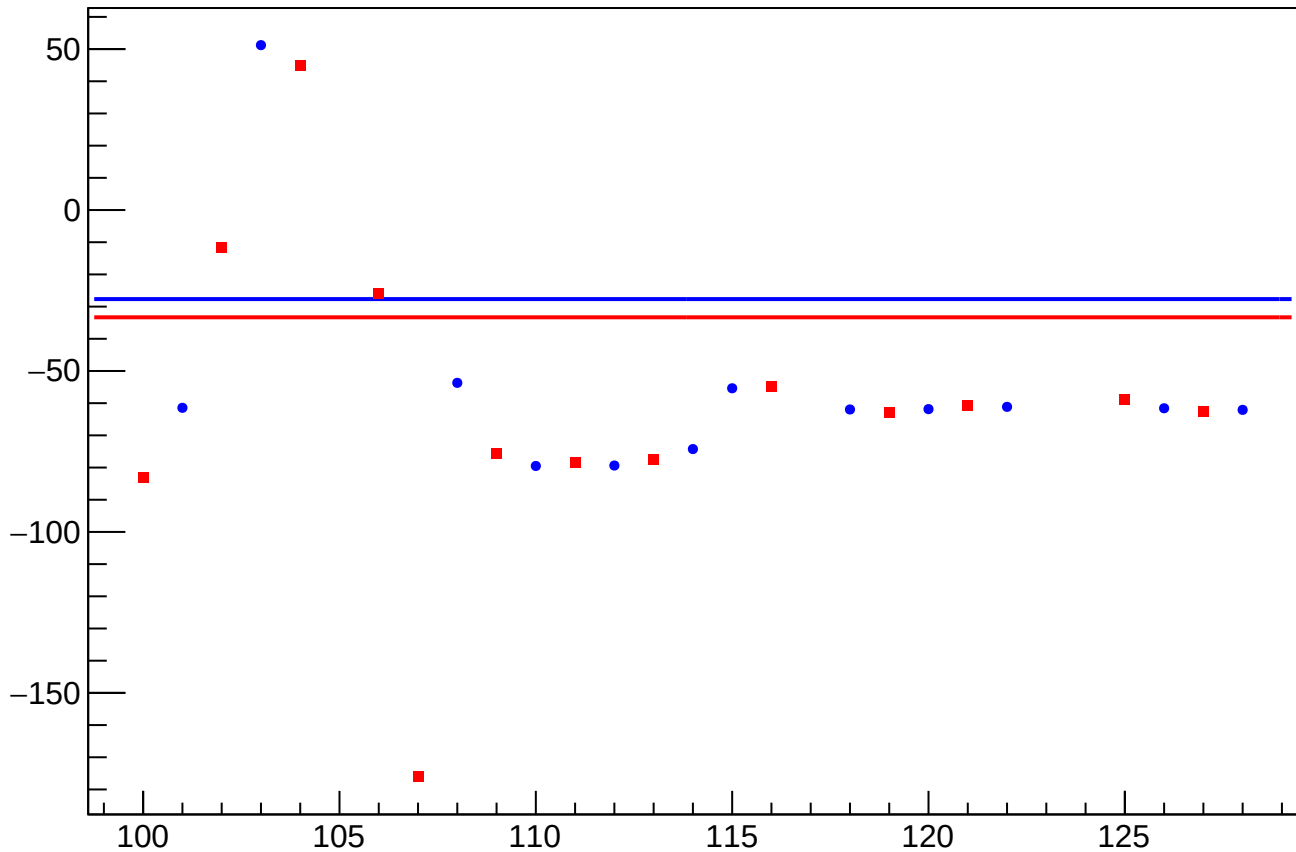
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.709+/-0.908 χ^2/NDF : 626.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -27.666+/-0.079 χ^2/NDF : 451586.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -33.326+/-0.077 χ^2/NDF : 405547.4/12

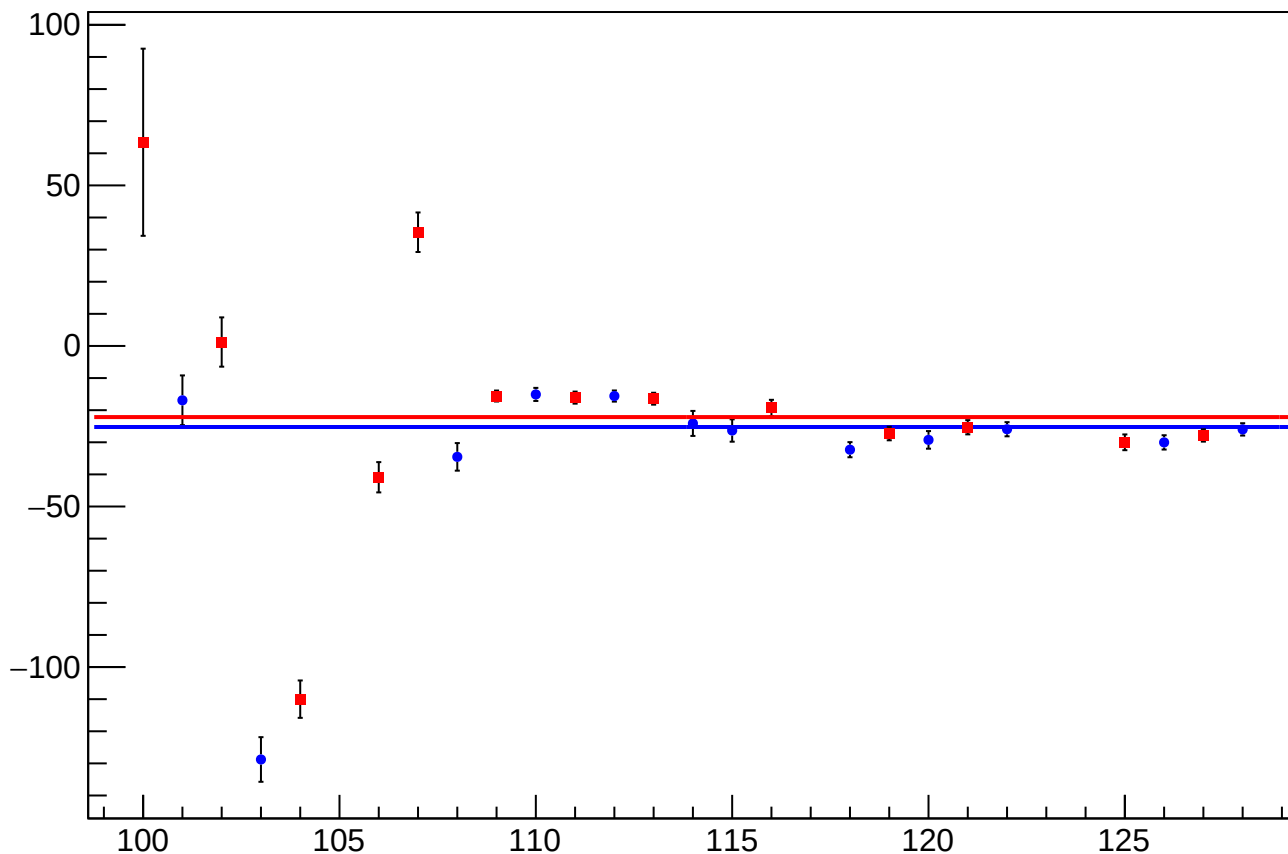
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.554+/-0.055 χ^2/NDF : 859757.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_diff_bpm1X_slope vs Slug



Right In: -25.240+/-0.744 χ^2/NDF : 299.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -22.149+/-0.697 χ^2/NDF : 411.9/12

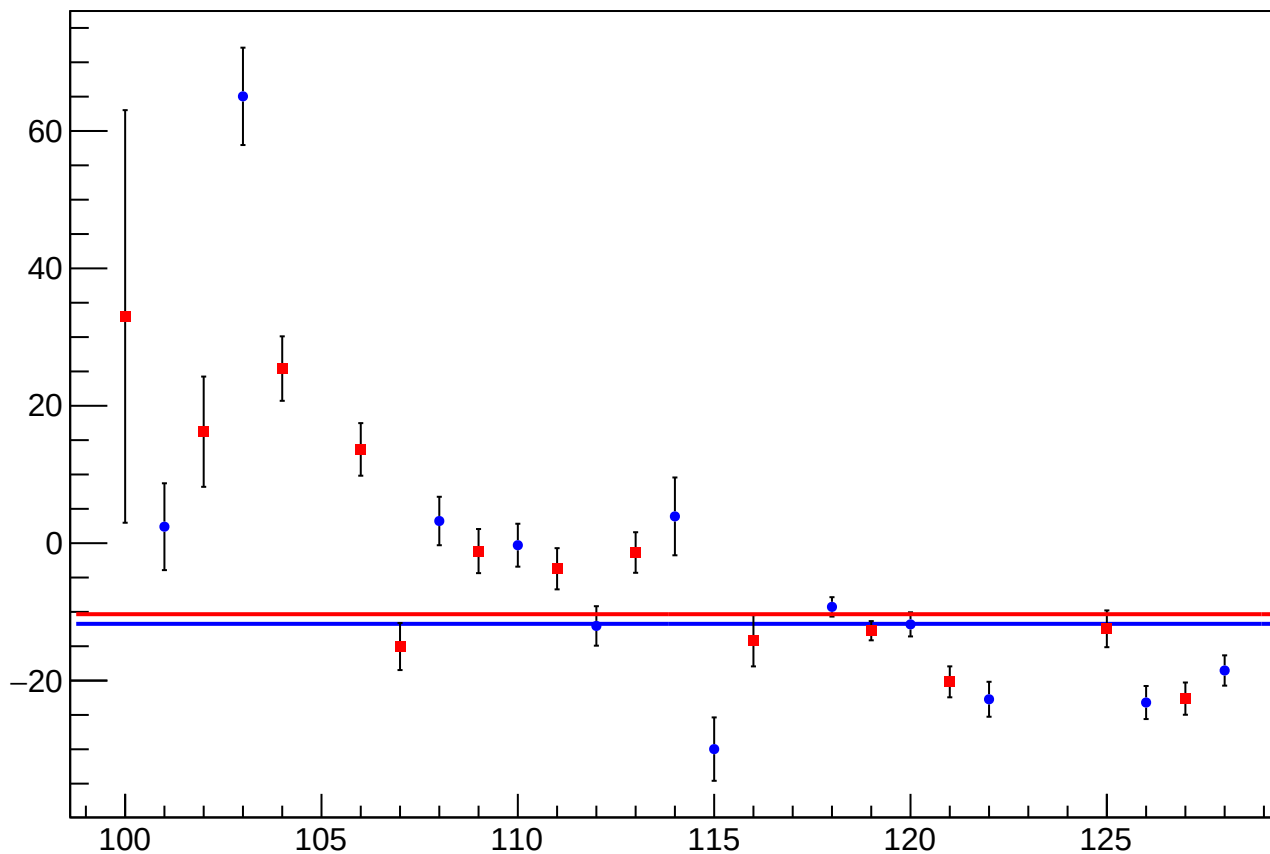
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.594+/-0.509 χ^2/NDF : 720.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: -11.740+/-0.748 χ^2/NDF : 230.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.336+/-0.781 χ^2/NDF : 185.7/12

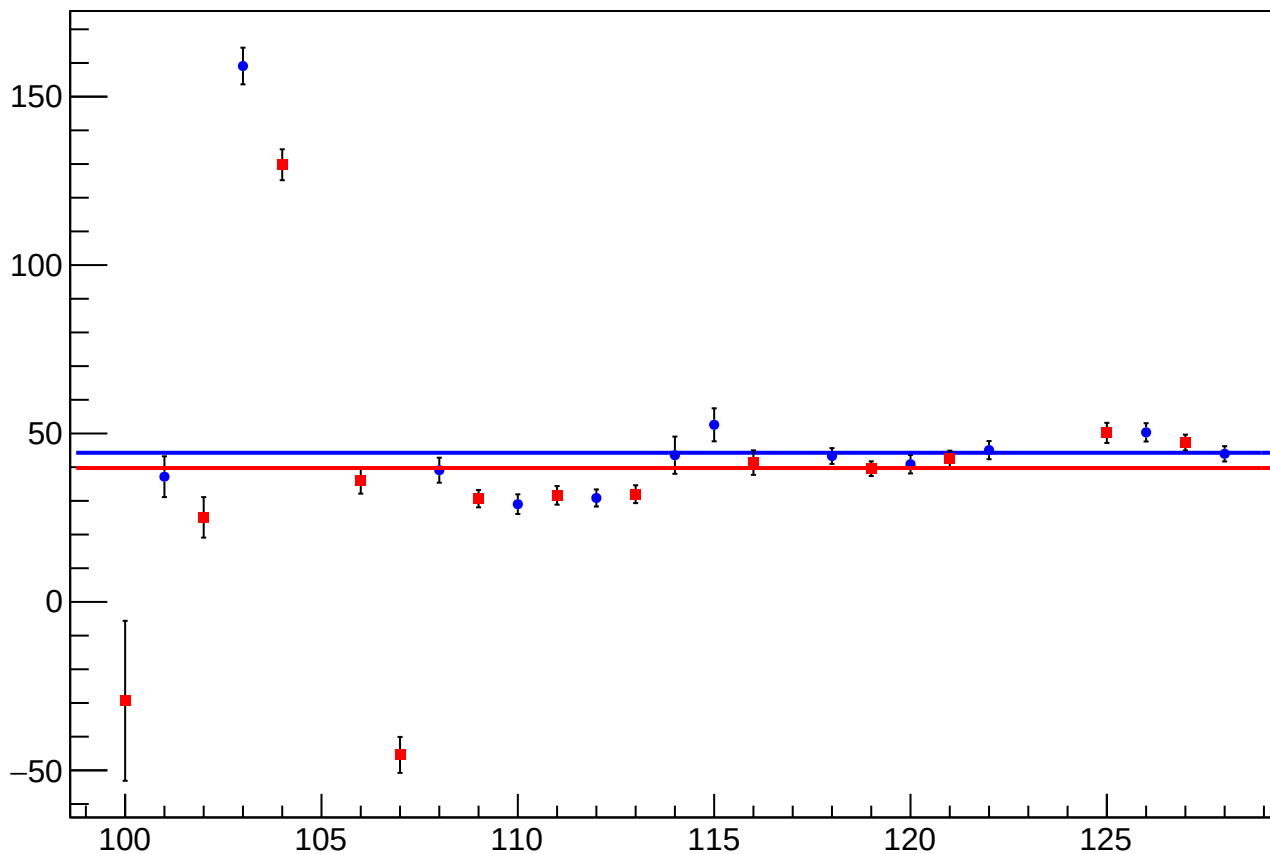
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.068+/-0.540 χ^2/NDF : 418.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: 44.280 ± 0.890 $\chi^2/\text{NDF}: 512.6/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 39.750 ± 0.860 $\chi^2/\text{NDF}: 707.4/12$

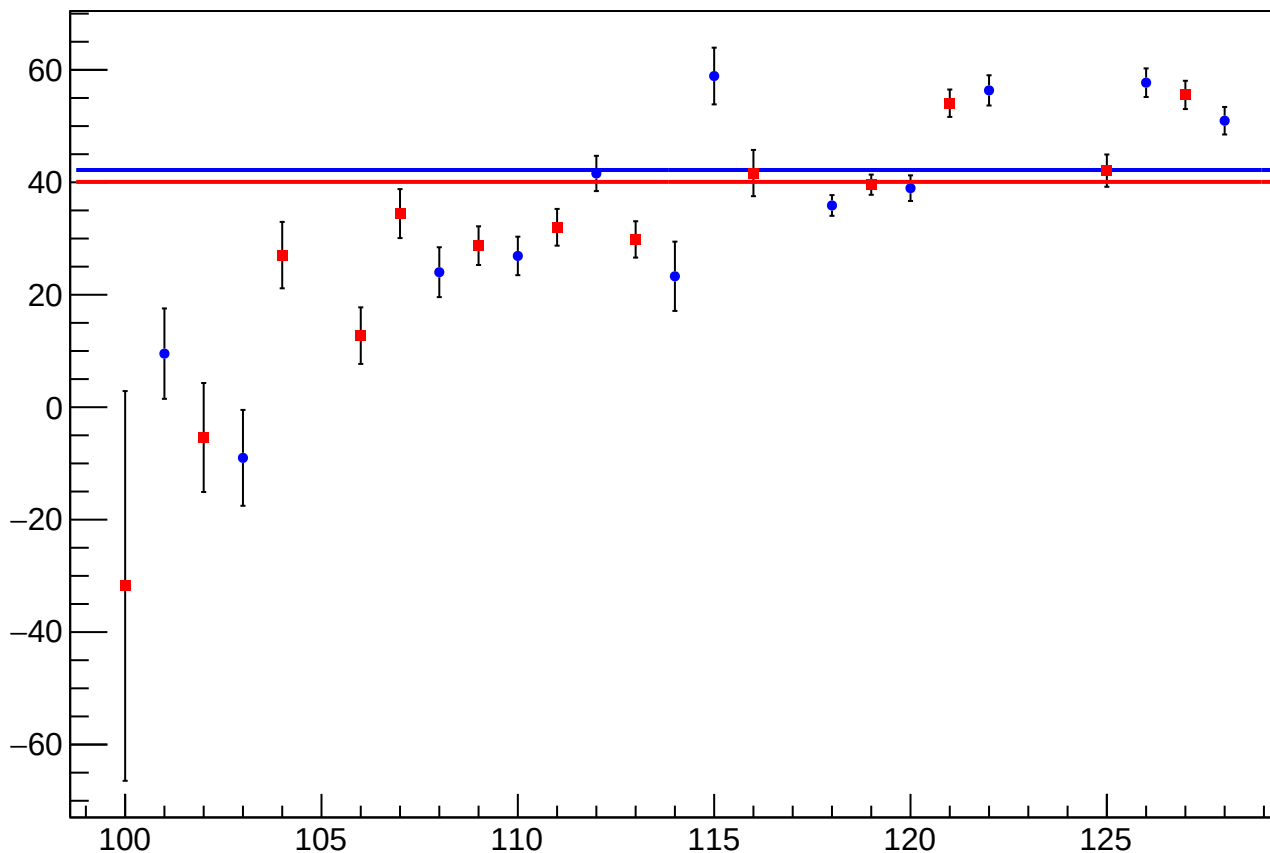
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 41.938 ± 0.619 $\chi^2/\text{NDF}: 1233.3/24$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: 42.192 $\pm$ 0.884 χ^2 /NDF: 201.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 40.074 $\pm$ 0.904 χ^2 /NDF: 160.9/12

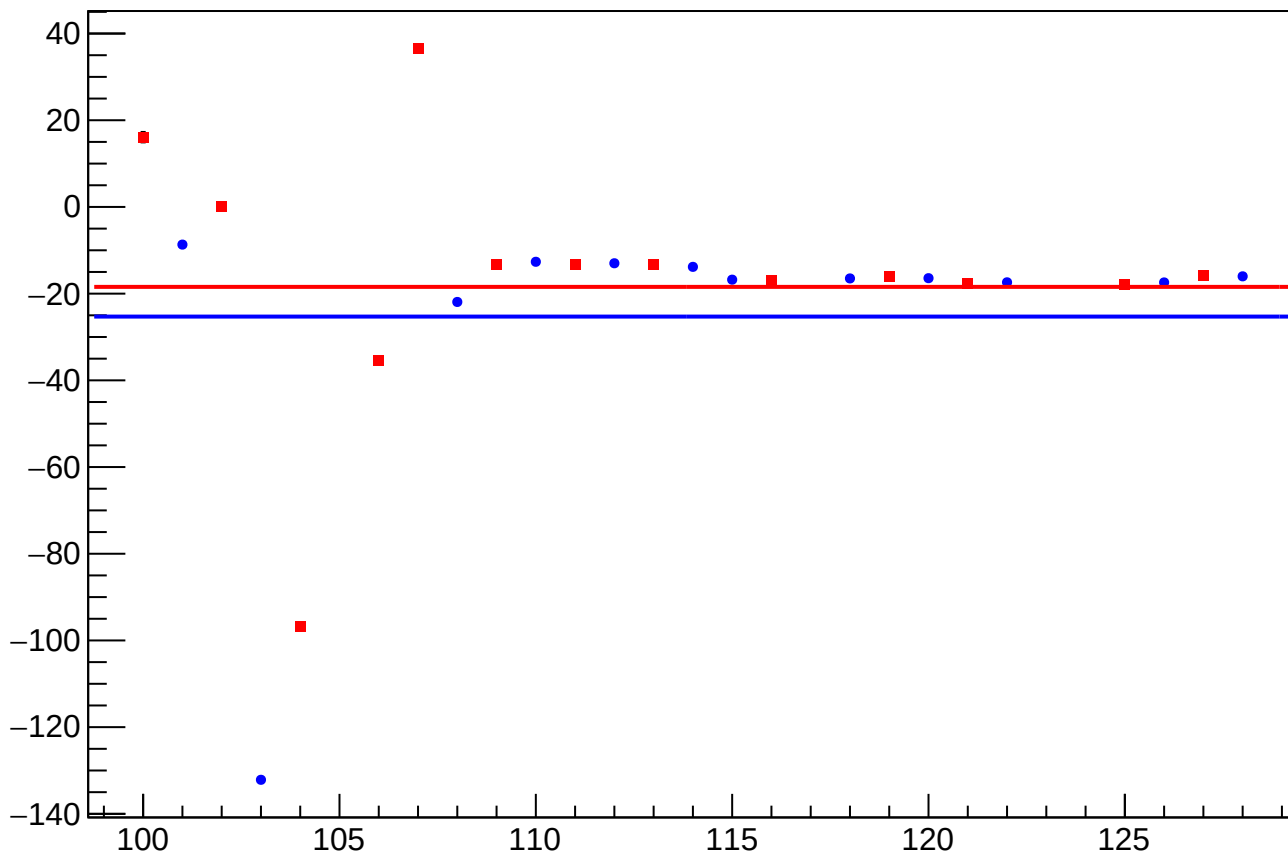
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 41.156 $\pm$ 0.632 χ^2 /NDF: 364.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at1lr_avg_dd_diff_bpm12X_slope vs Slug



Right In: -25.292+/-0.063 χ^2/NDF : 234241.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.440+/-0.060 χ^2/NDF : 203470.1/12

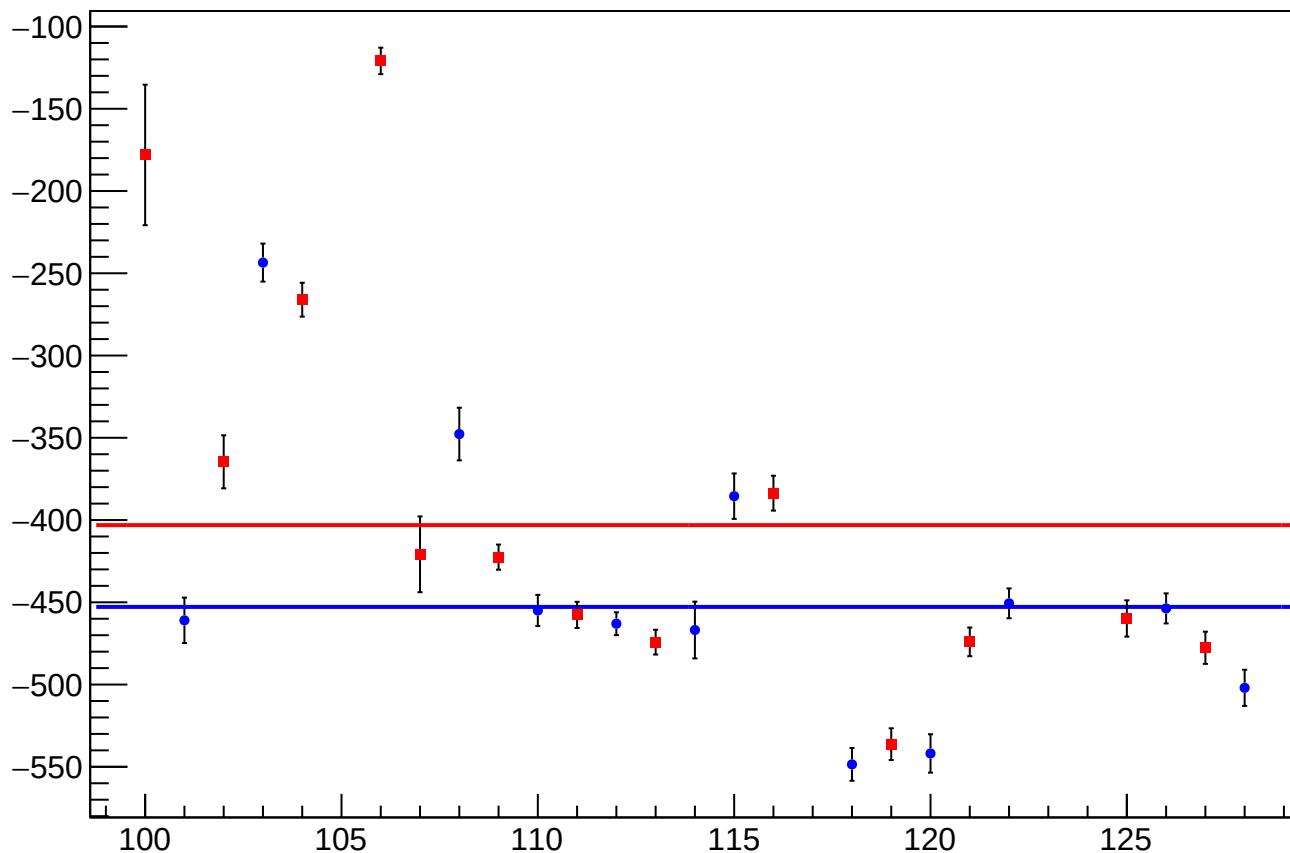
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.703+/-0.044 χ^2/NDF : 443885.3/24

- 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: -452.798+/-3.059 χ^2/NDF : 568.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -403.096+/-2.740 χ^2/NDF : 1927.7/12

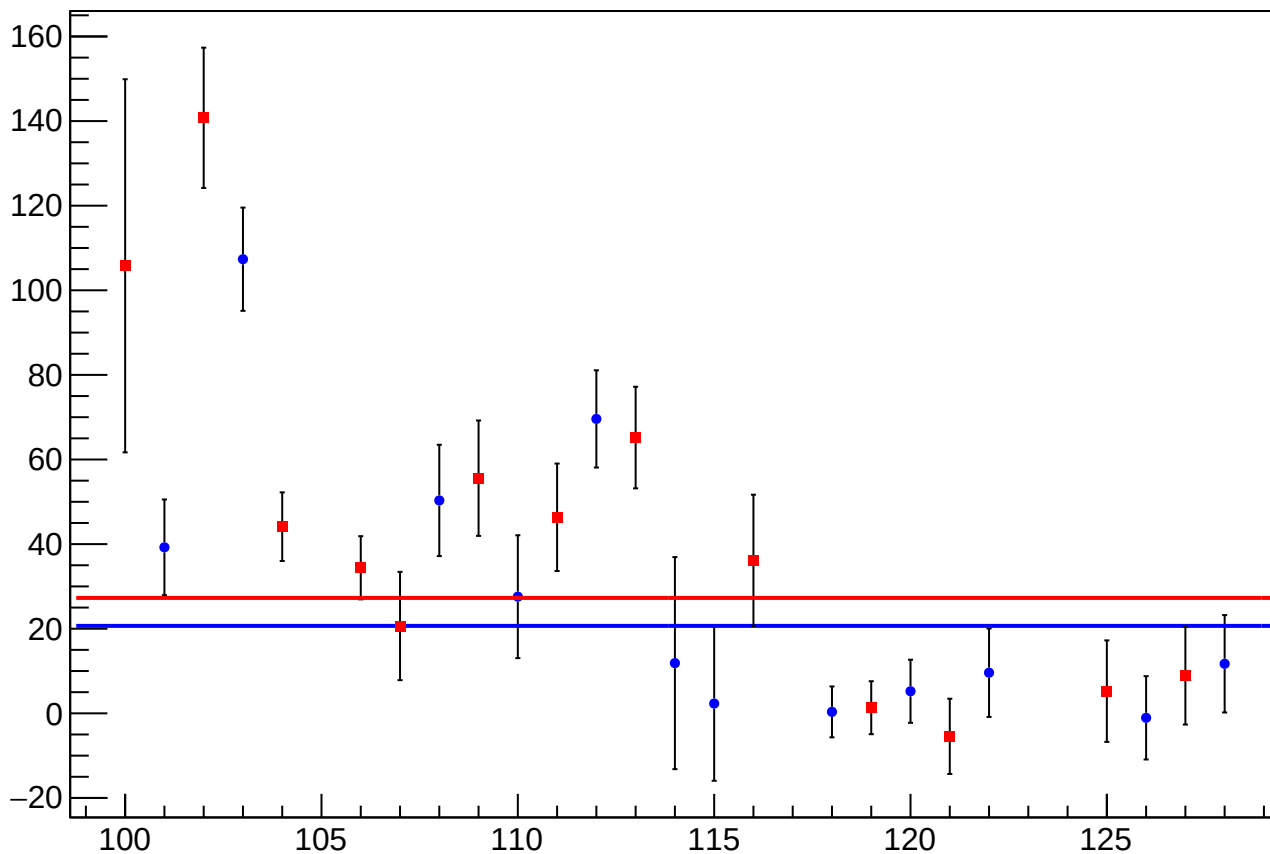
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -425.221+/-2.041 χ^2/NDF : 2643.0/24

- 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: 20.673 $\pm$ 3.017 χ^2 /NDF: 100.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.281 $\pm$ 2.904 χ^2 /NDF: 109.0/12

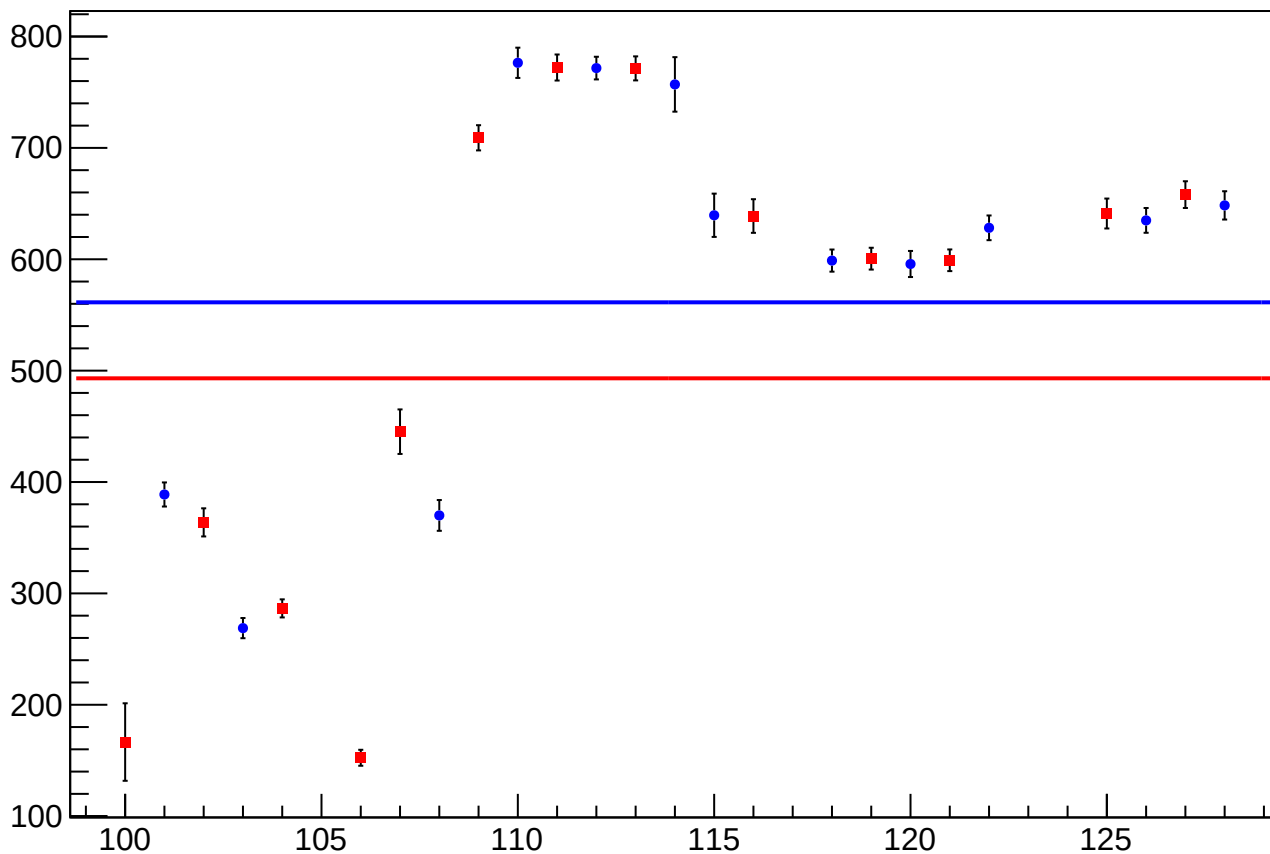
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.104 $\pm$ 2.092 χ^2 /NDF: 211.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 561.340+/-3.426 χ^2/NDF : 2396.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 493.103+/-3.074 χ^2/NDF : 5348.4/12

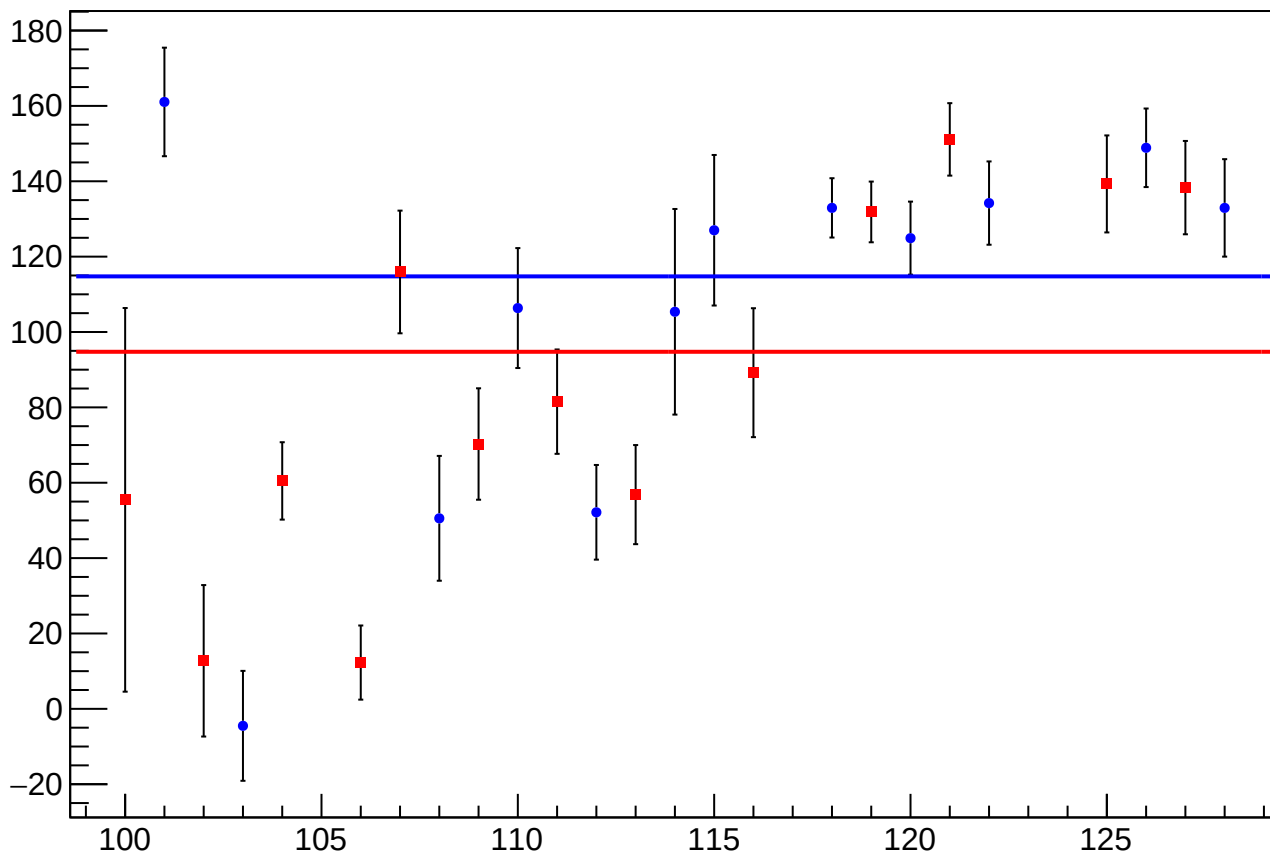
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 523.534+/-2.288 χ^2/NDF : 7964.3/24

- 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: 114.761+/-3.593 χ^2/NDF : 140.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.751+/-3.446 χ^2/NDF : 192.4/12

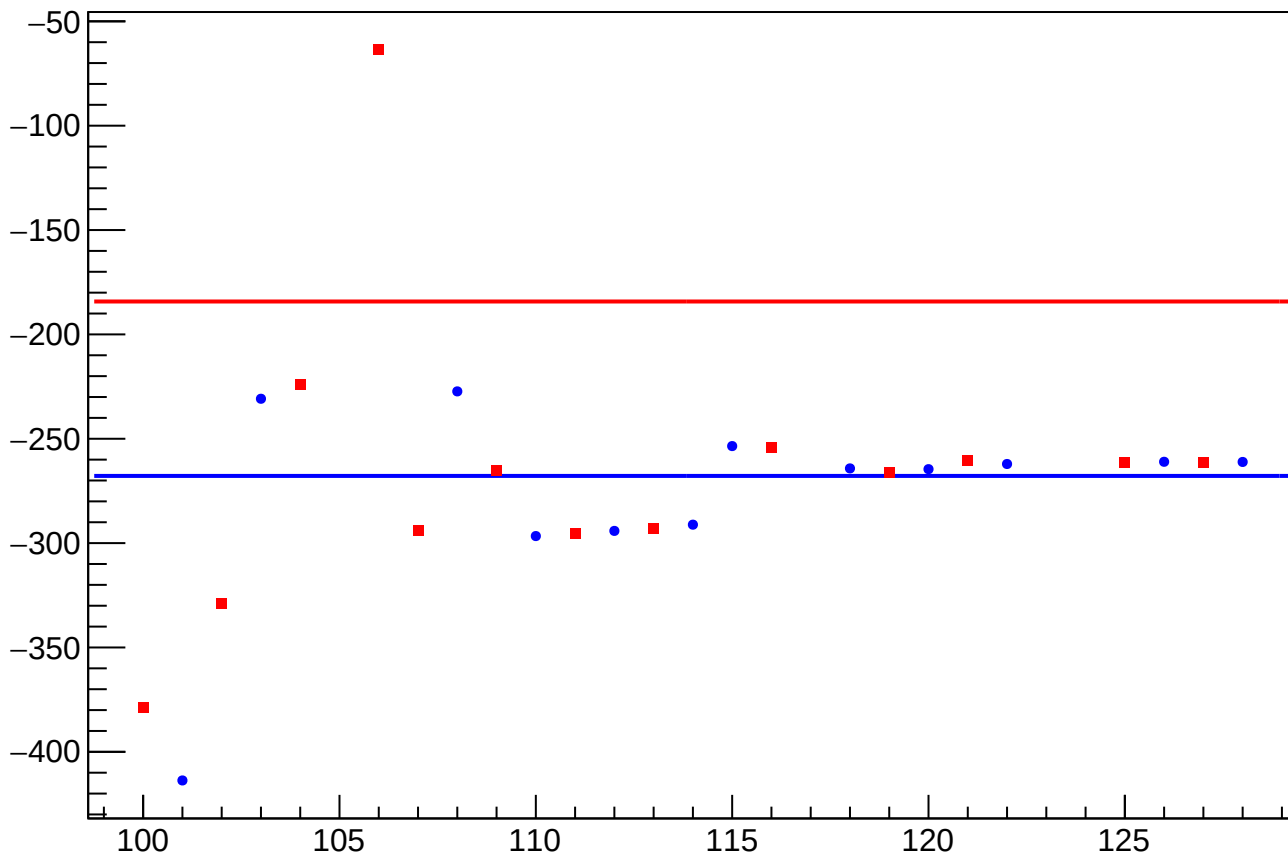
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.337+/-2.487 χ^2/NDF : 348.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -267.804+/-0.213 χ^2/NDF : 67788.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -184.234+/-0.164 χ^2/NDF : 411103.8/12

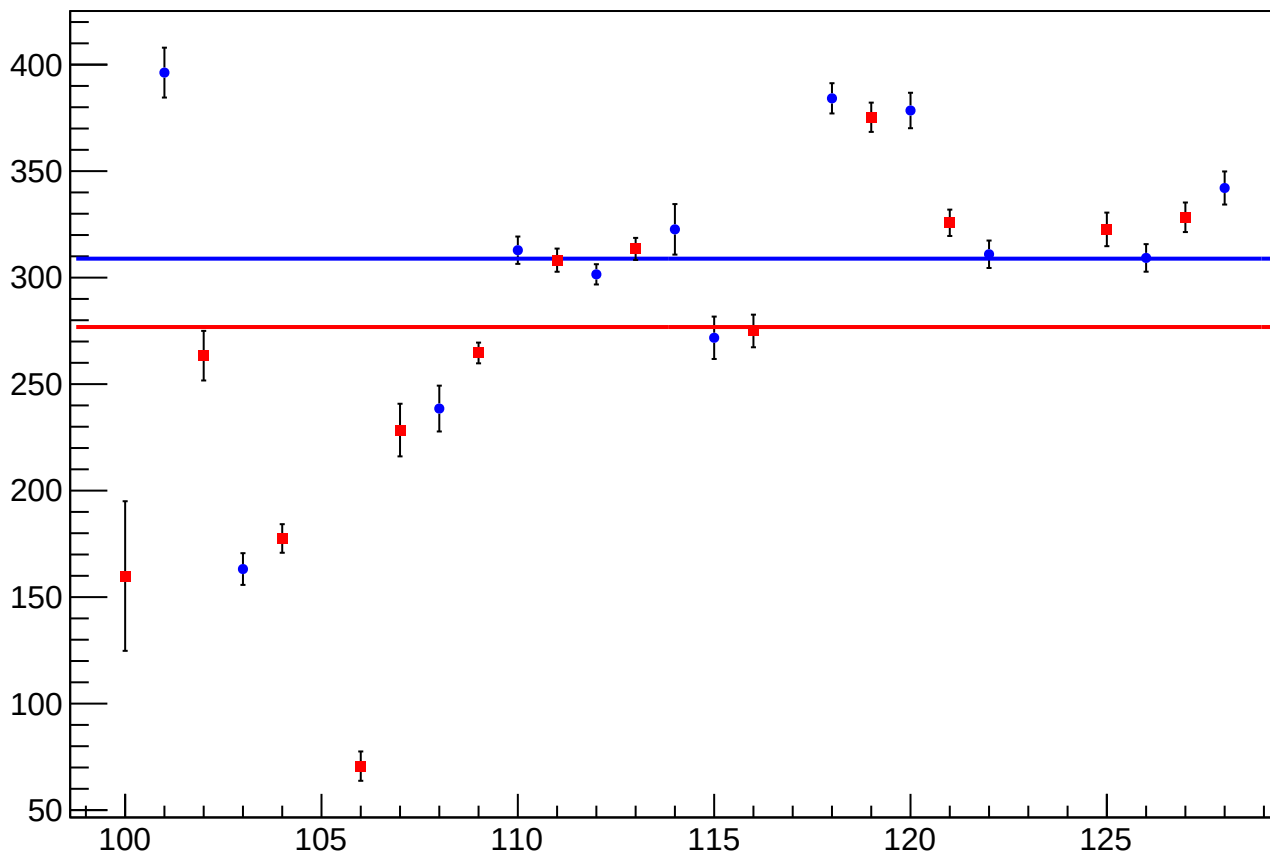
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -215.383+/-0.130 χ^2/NDF : 575367.8/24

- 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: 308.907 ± 2.140 χ^2/NDF : 699.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 276.808 ± 1.915 χ^2/NDF : 1589.3/12

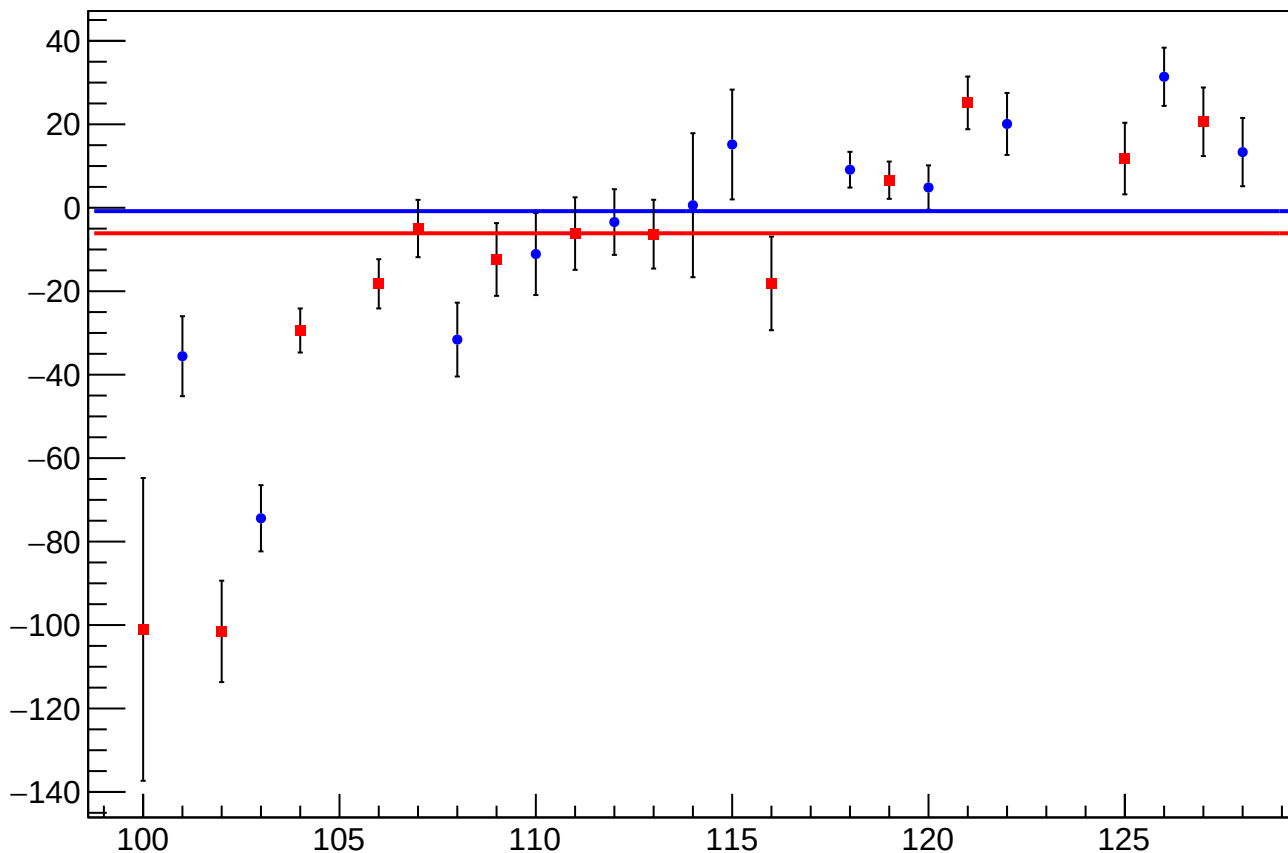
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 291.085 ± 1.427 χ^2/NDF : 2413.9/24

- 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: -0.807 ± 2.138 χ^2/NDF : 152.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.117 ± 2.016 χ^2/NDF : 141.5/12

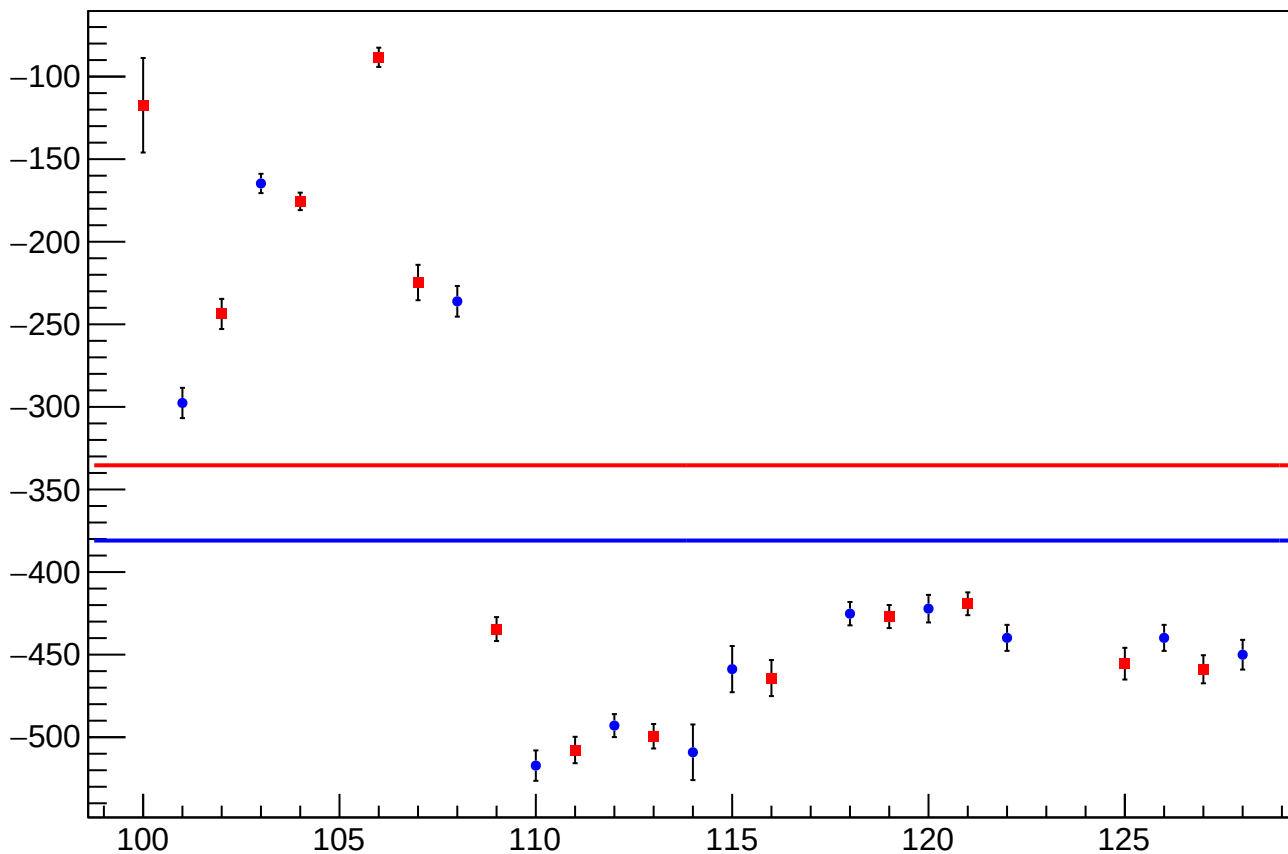
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.618 ± 1.467 χ^2/NDF : 297.5/24

- 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: -380.927+/-2.406 χ^2/NDF : 2495.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -335.361+/-2.159 χ^2/NDF : 4942.5/12

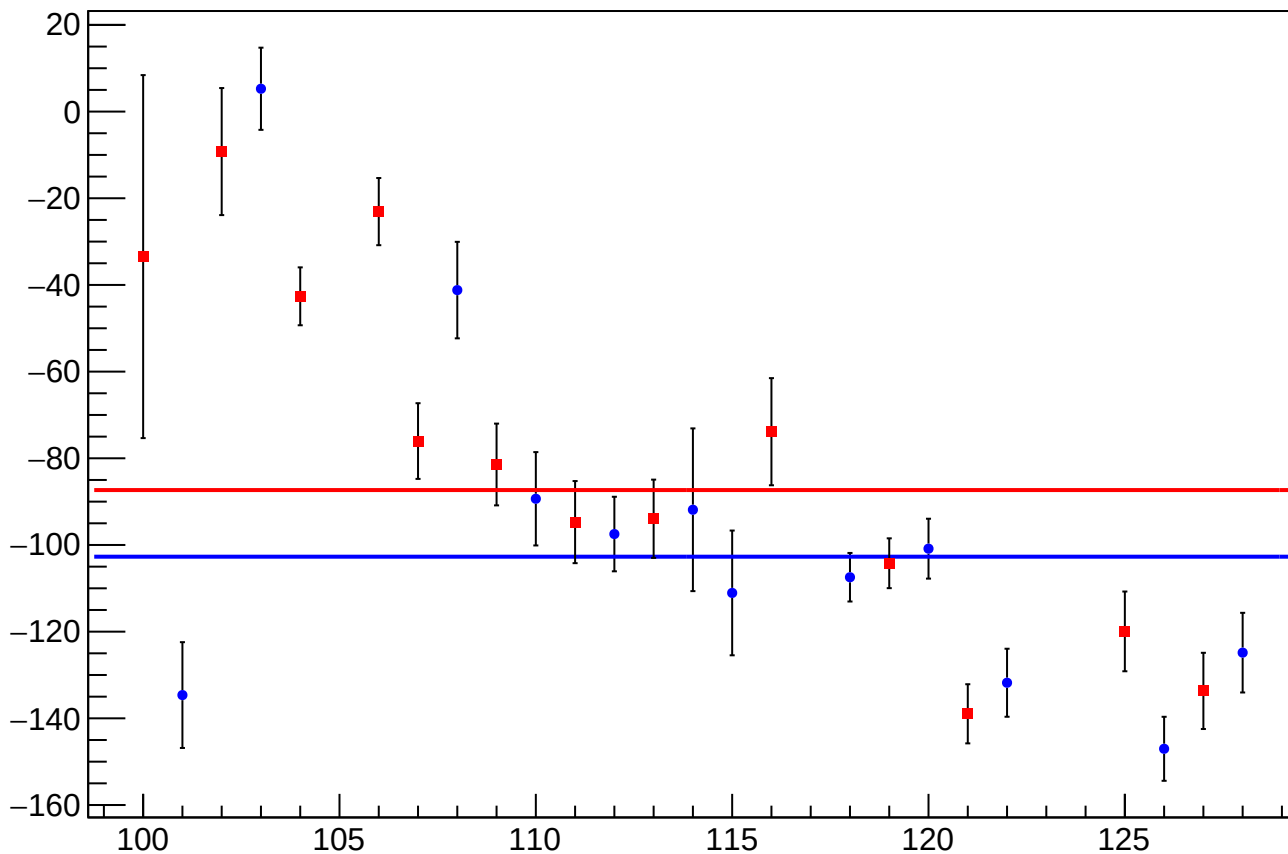
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -355.685+/-1.607 χ^2/NDF : 7636.5/24

- 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: -102.703+/-2.541 χ^2 /NDF: 226.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -87.330+/-2.390 χ^2 /NDF: 254.2/12

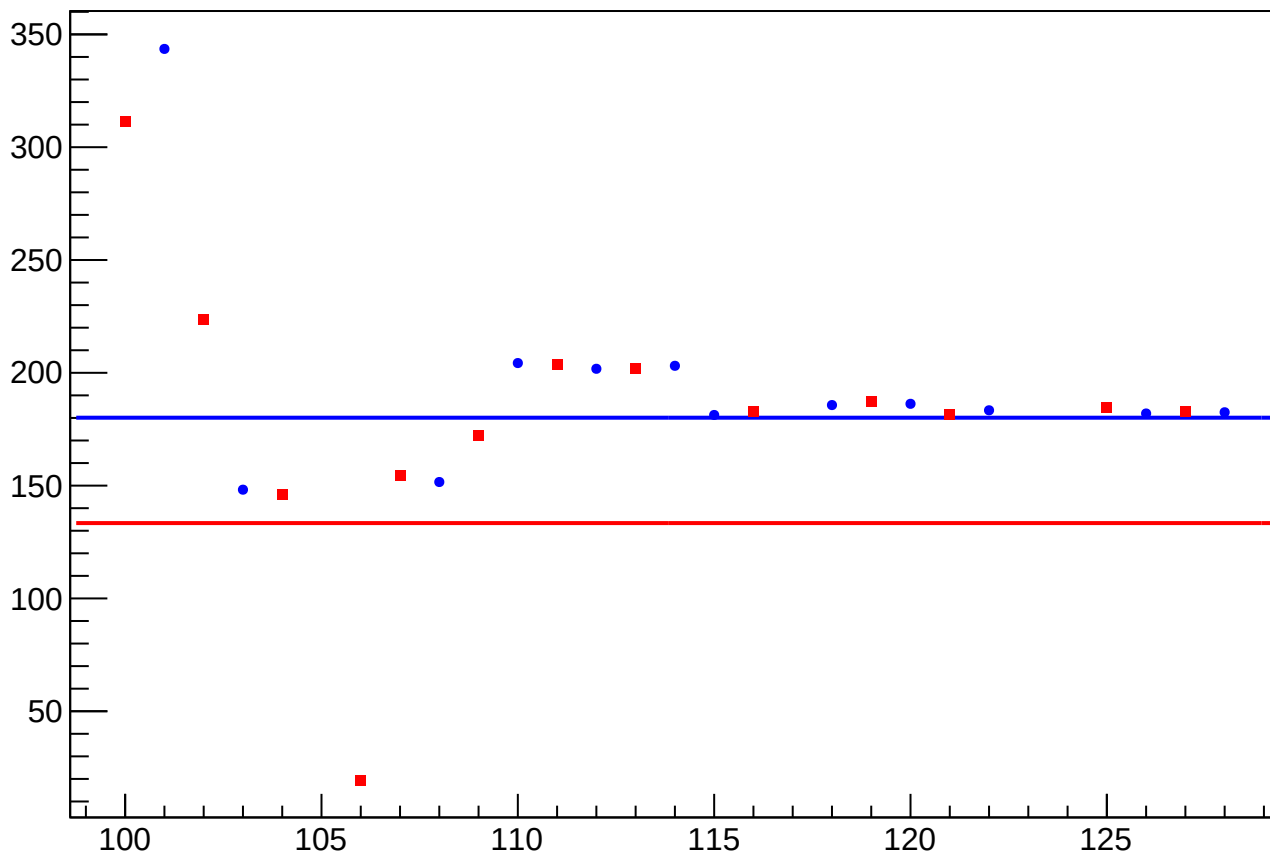
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -94.547+/-1.741 χ^2 /NDF: 499.6/24

- 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: 180.106+/-0.147 χ^2/NDF : 114885.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.398+/-0.122 χ^2/NDF : 375840.4/12

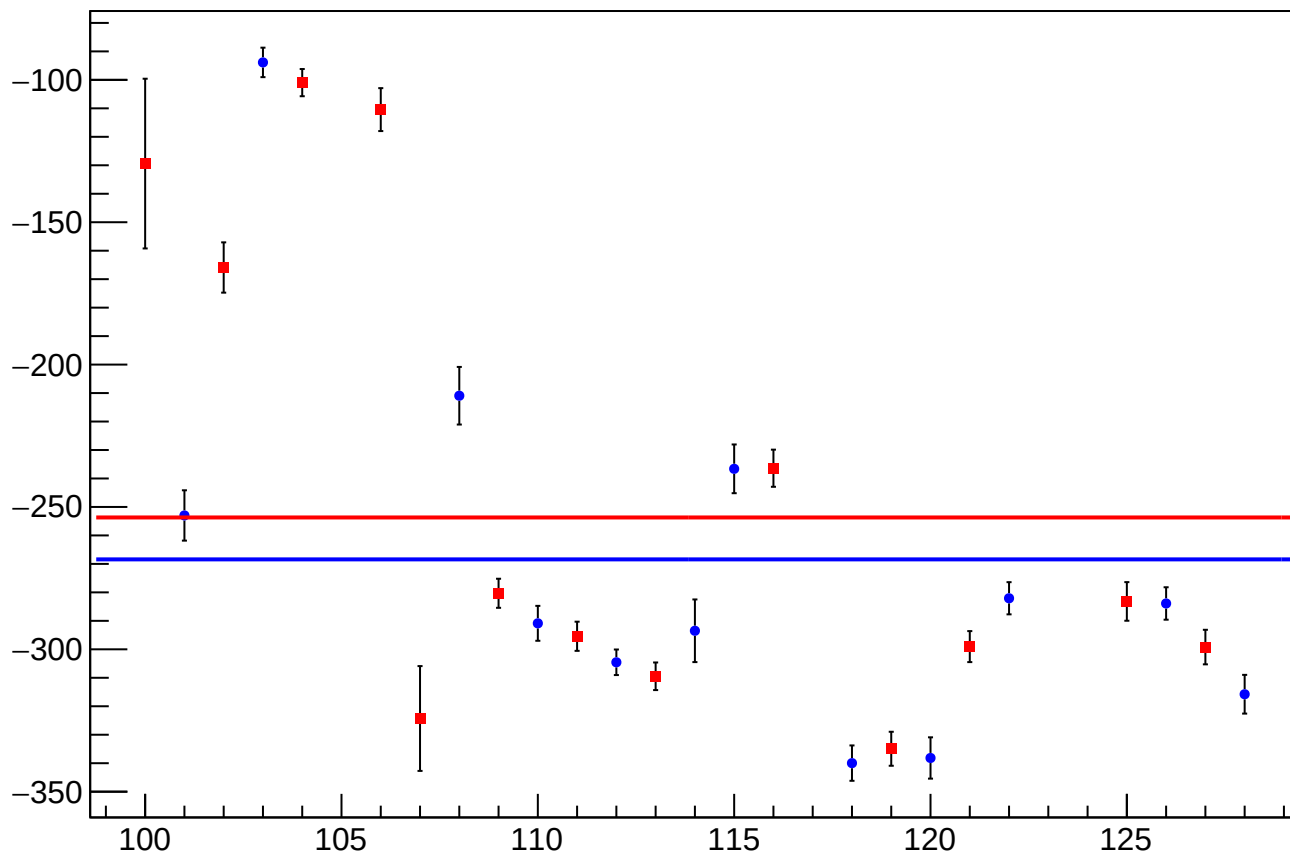
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.478+/-0.094 χ^2/NDF : 550446.9/24

- 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: -268.414+/-1.868 χ^2 /NDF: 1556.7/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -253.691+/-1.737 χ^2 /NDF: 2076.5/12

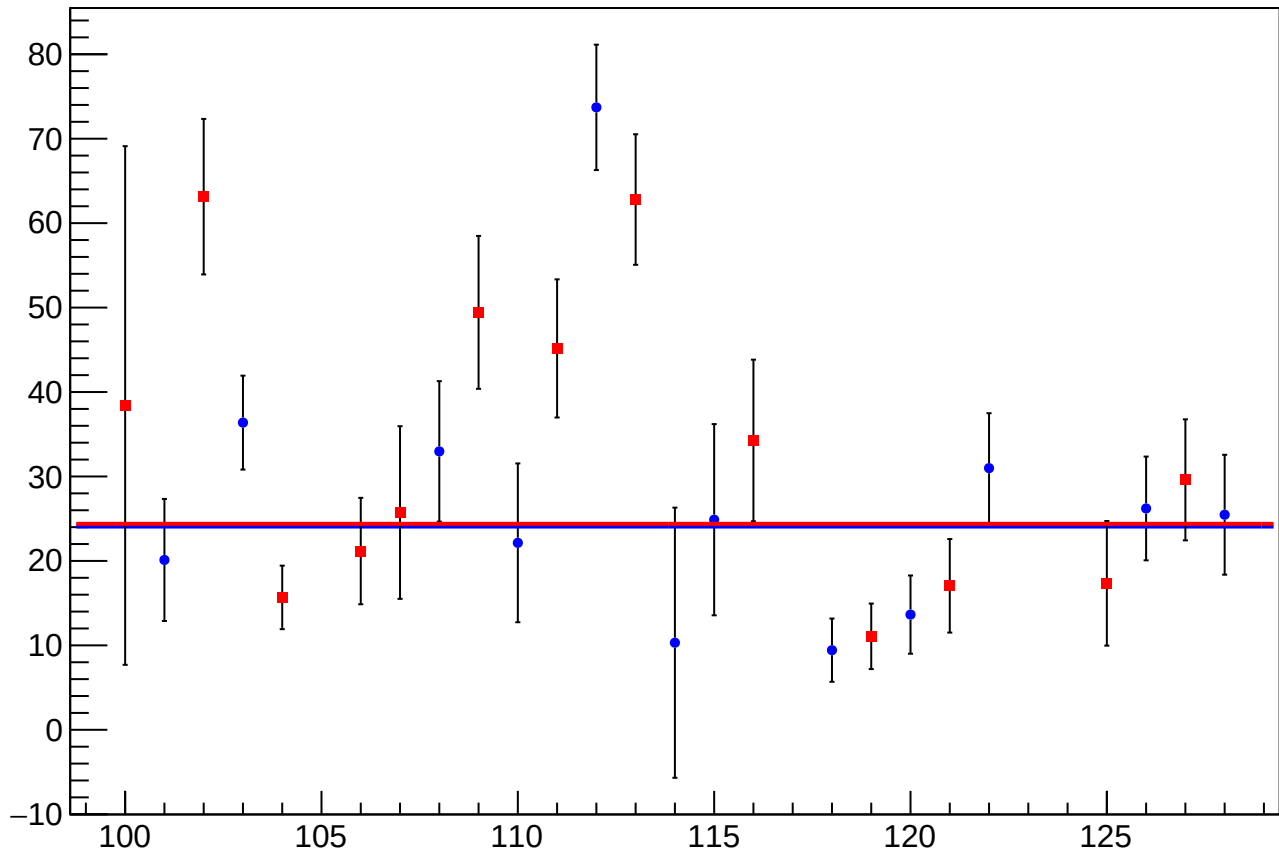
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -260.519+/-1.272 χ^2 /NDF: 3666.4/24

- 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: 24.071 $\pm$ 1.841 χ^2 /NDF: 73.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 24.395 $\pm$ 1.796 χ^2 /NDF: 78.4/12

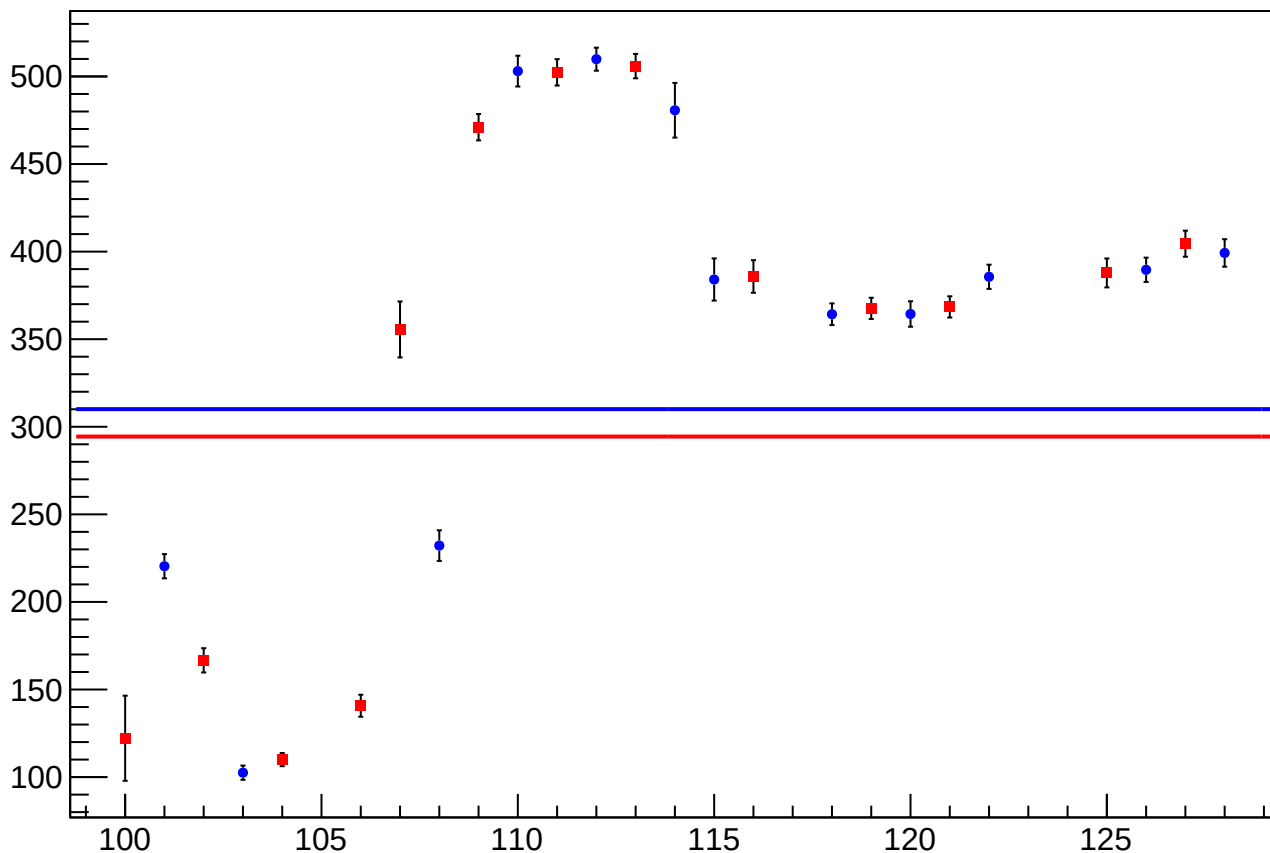
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.237 $\pm$ 1.286 χ^2 /NDF: 151.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 310.080+/-2.022 χ^2/NDF : 4930.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 294.414+/-1.900 χ^2/NDF : 6379.0/12

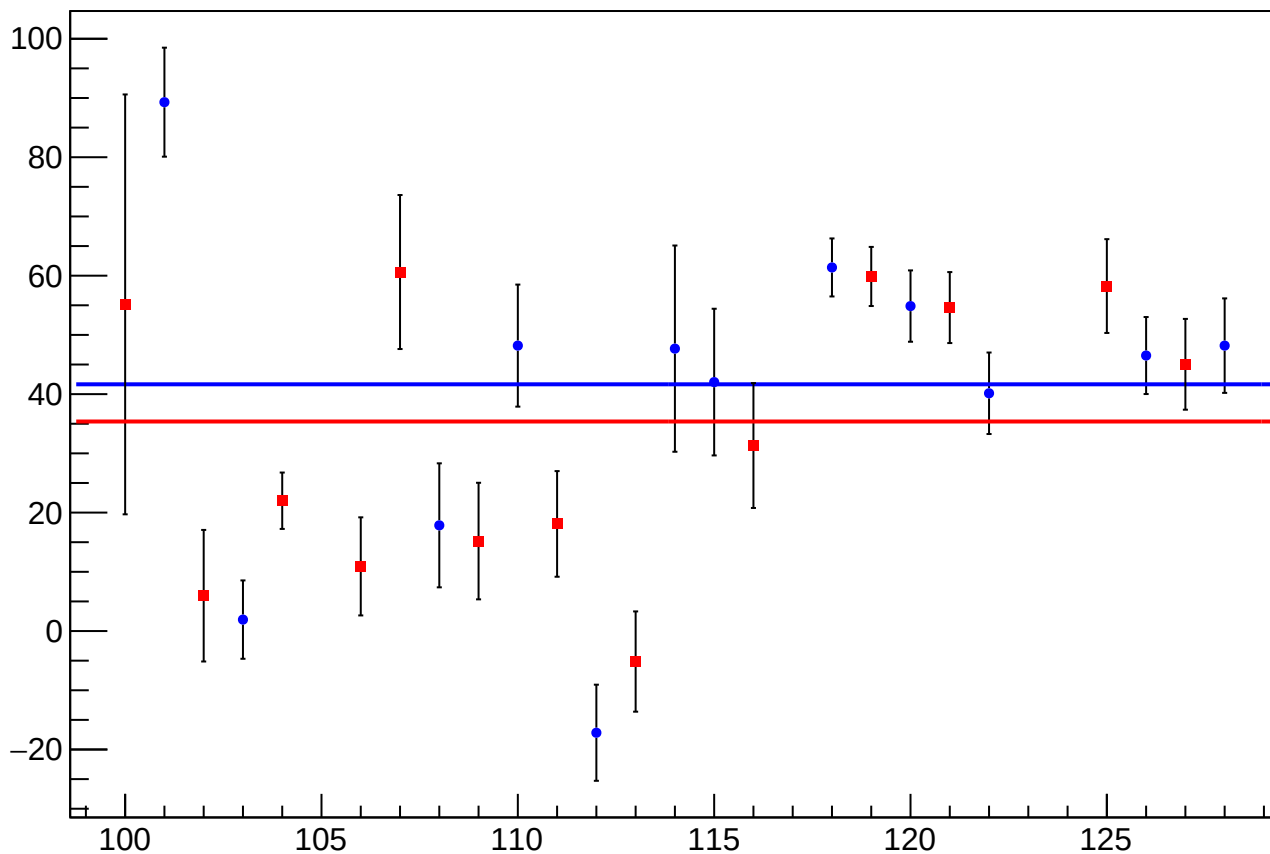
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 301.760+/-1.385 χ^2/NDF : 11341.0/24

- 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: 41.660 $\pm$ 2.193 χ^2 /NDF: 143.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 35.379 $\pm$ 2.130 χ^2 /NDF: 103.1/12

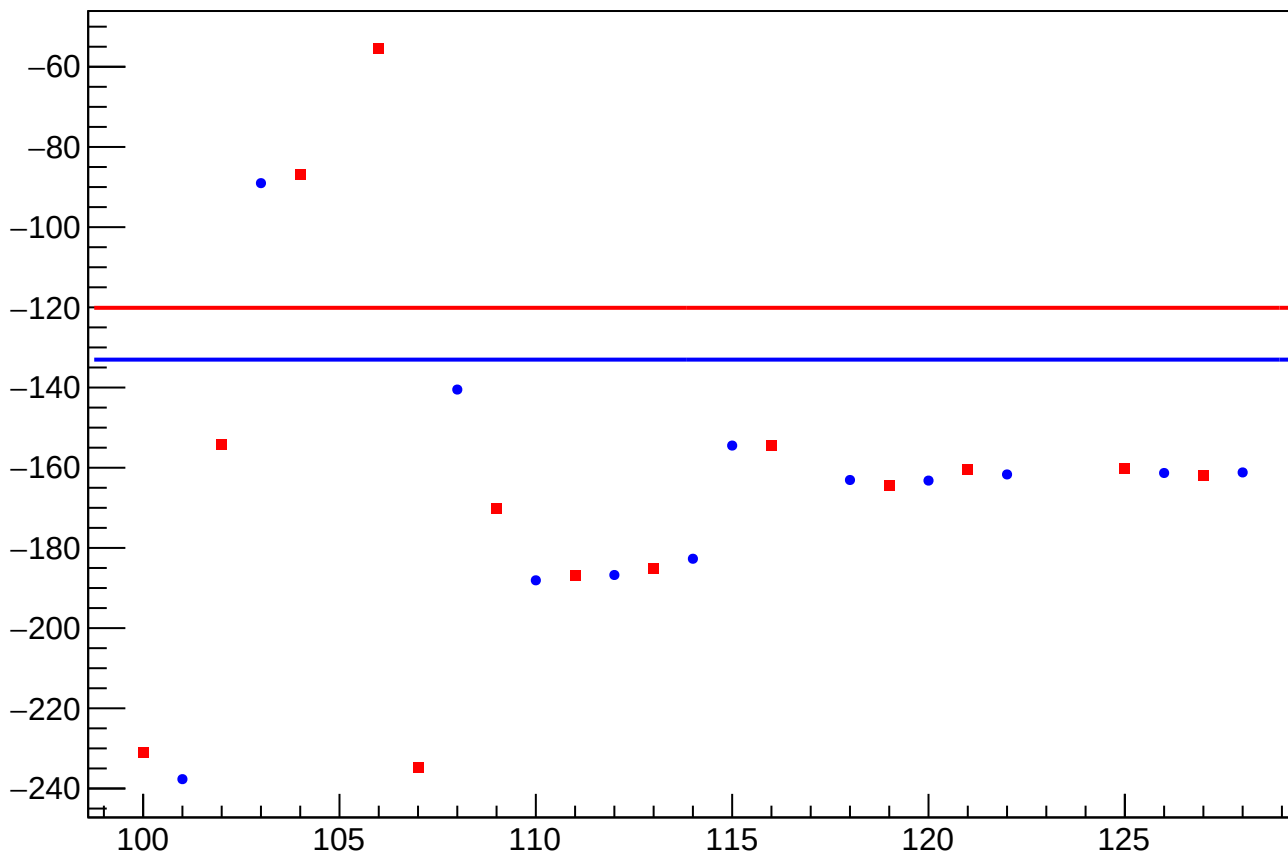
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 38.429 $\pm$ 1.528 χ^2 /NDF: 250.7/24

- 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: -133.038+/-0.117 χ^2/NDF : 165414.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -120.115+/-0.108 χ^2/NDF : 211187.5/12

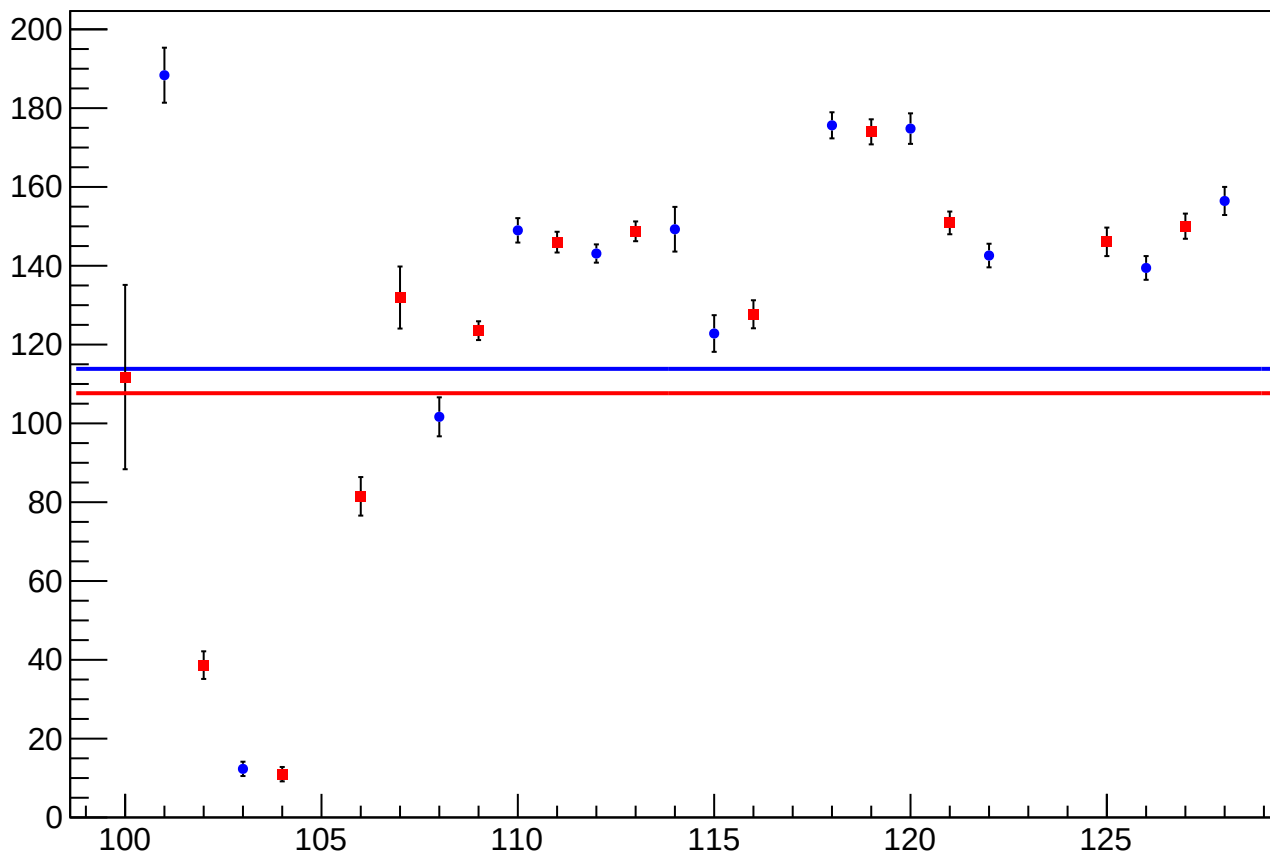
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -126.067+/-0.080 χ^2/NDF : 383160.5/24

- 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: 113.838 $\pm$ 0.917 χ^2 /NDF: 4473.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 107.659 $\pm$ 0.847 χ^2 /NDF: 4730.0/12

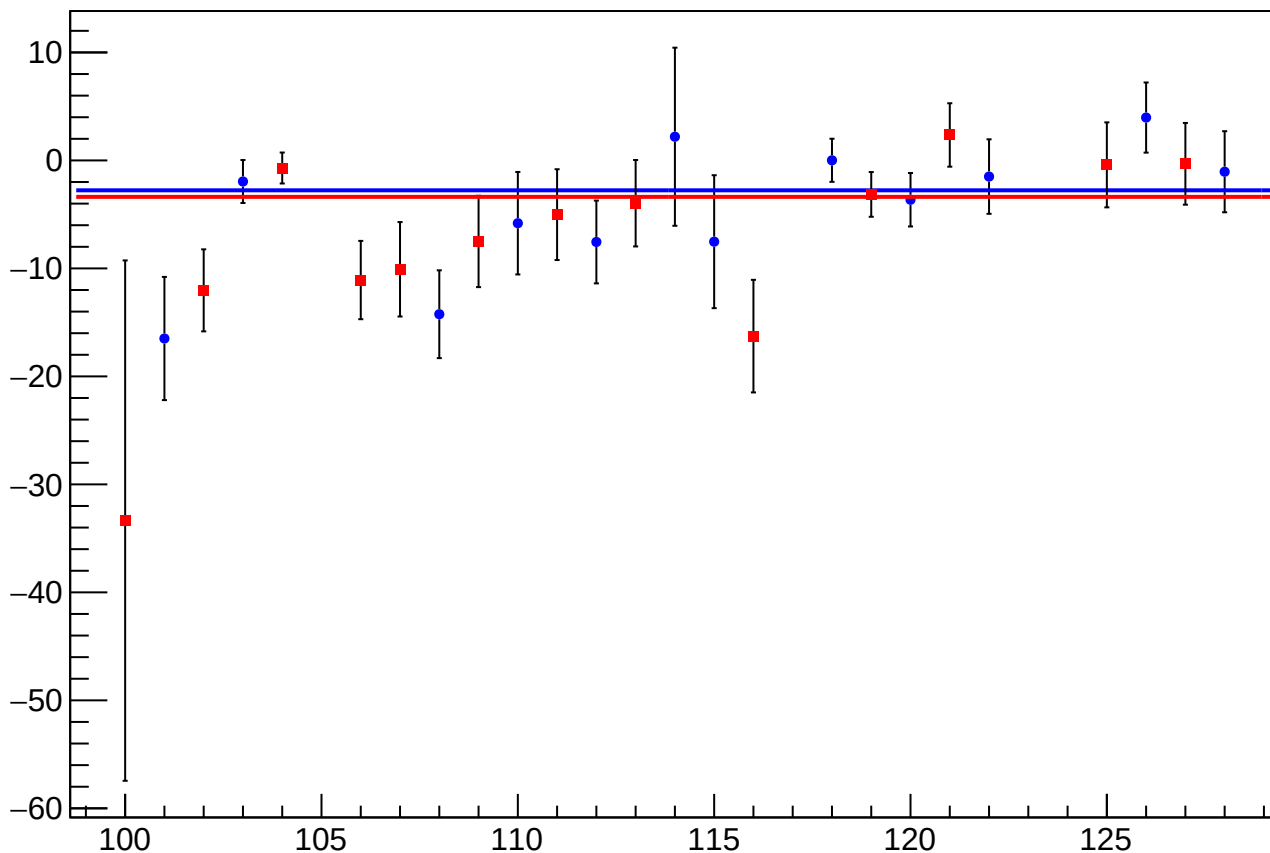
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 110.507 $\pm$ 0.622 χ^2 /NDF: 9228.3/24

- 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: -2.768+/-0.928 χ^2 /NDF: 23.6/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3.374+/-0.851 χ^2 /NDF: 29.4/12

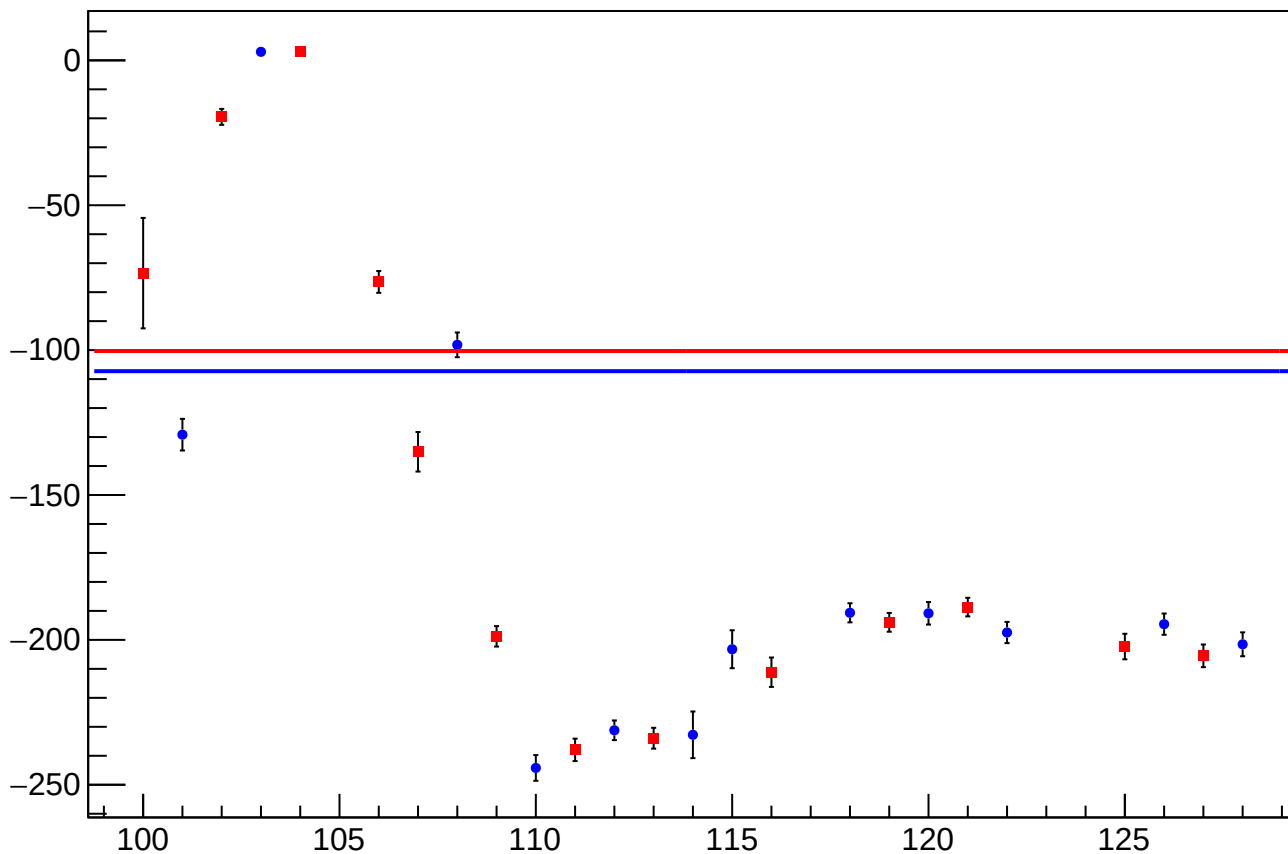
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -3.098+/-0.627 χ^2 /NDF: 53.2/24

- 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: -107.269 ± 0.945 χ^2/NDF : 11517.0/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -100.304 ± 0.884 χ^2/NDF : 12820.1/12

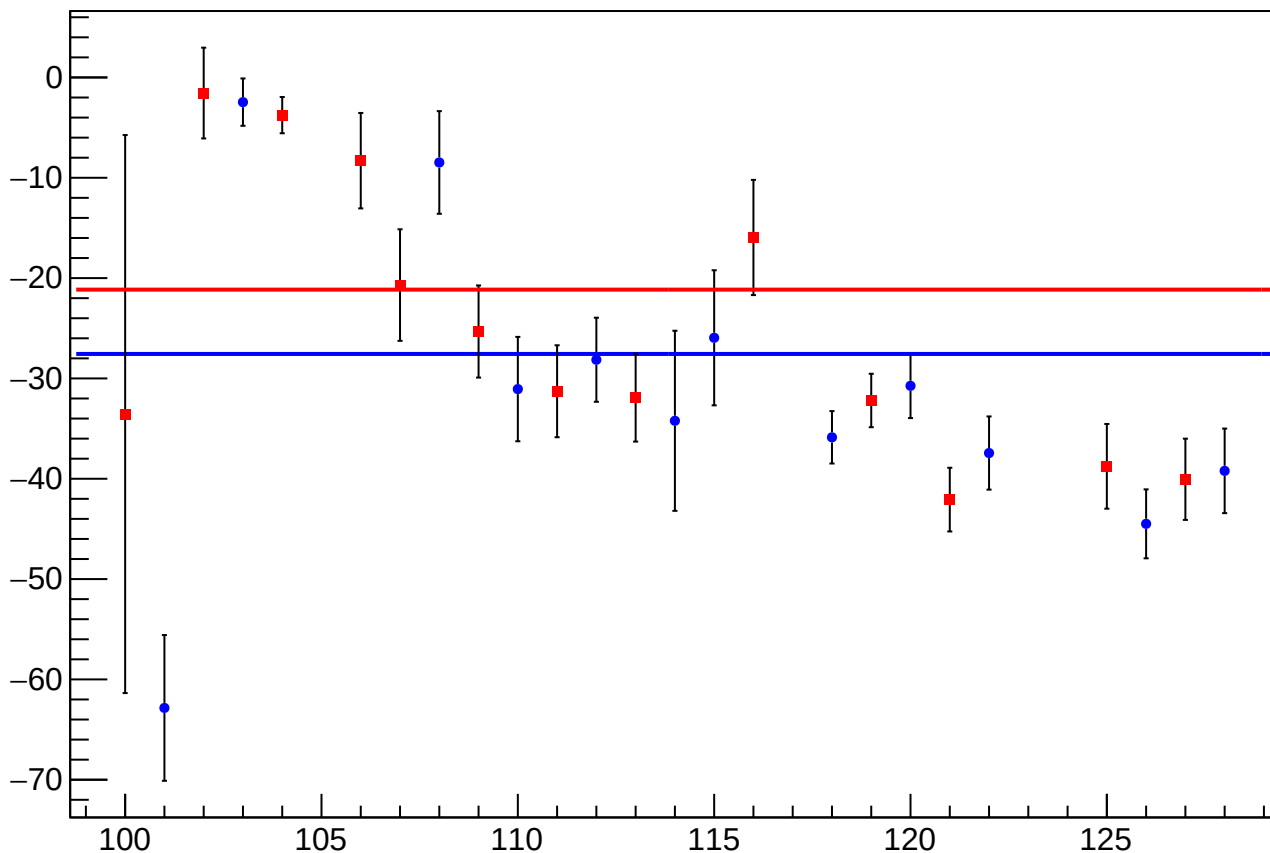
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -103.554 ± 0.645 χ^2/NDF : 24366.1/24

- 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: -27.559 $\pm$ 1.101 χ^2 /NDF: 202.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -21.148 $\pm$ 1.016 χ^2 /NDF: 231.5/12

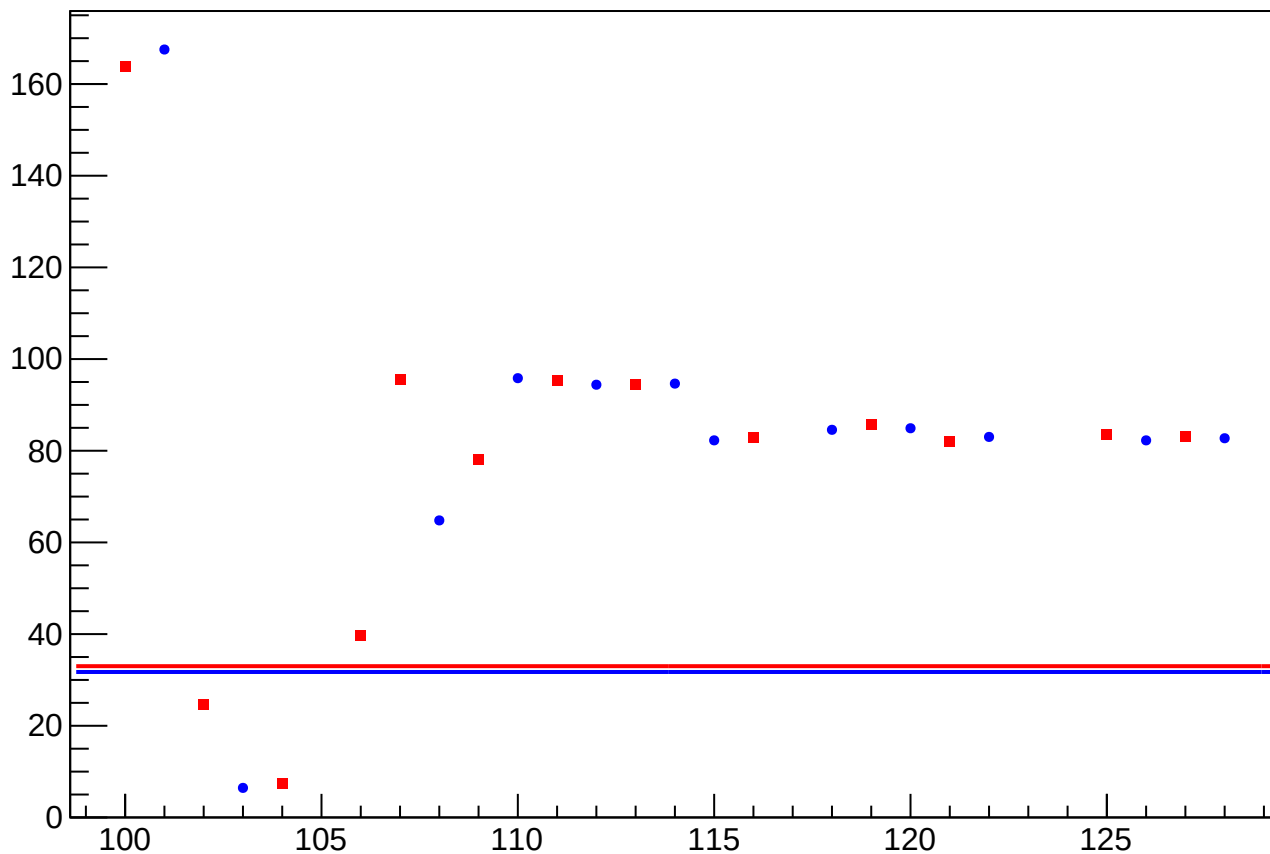
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -24.097 $\pm$ 0.747 χ^2 /NDF: 451.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_atlr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 31.736 $\pm$ 0.049 χ^2 /NDF: 658814.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 33.002 $\pm$ 0.049 χ^2 /NDF: 481713.2/12

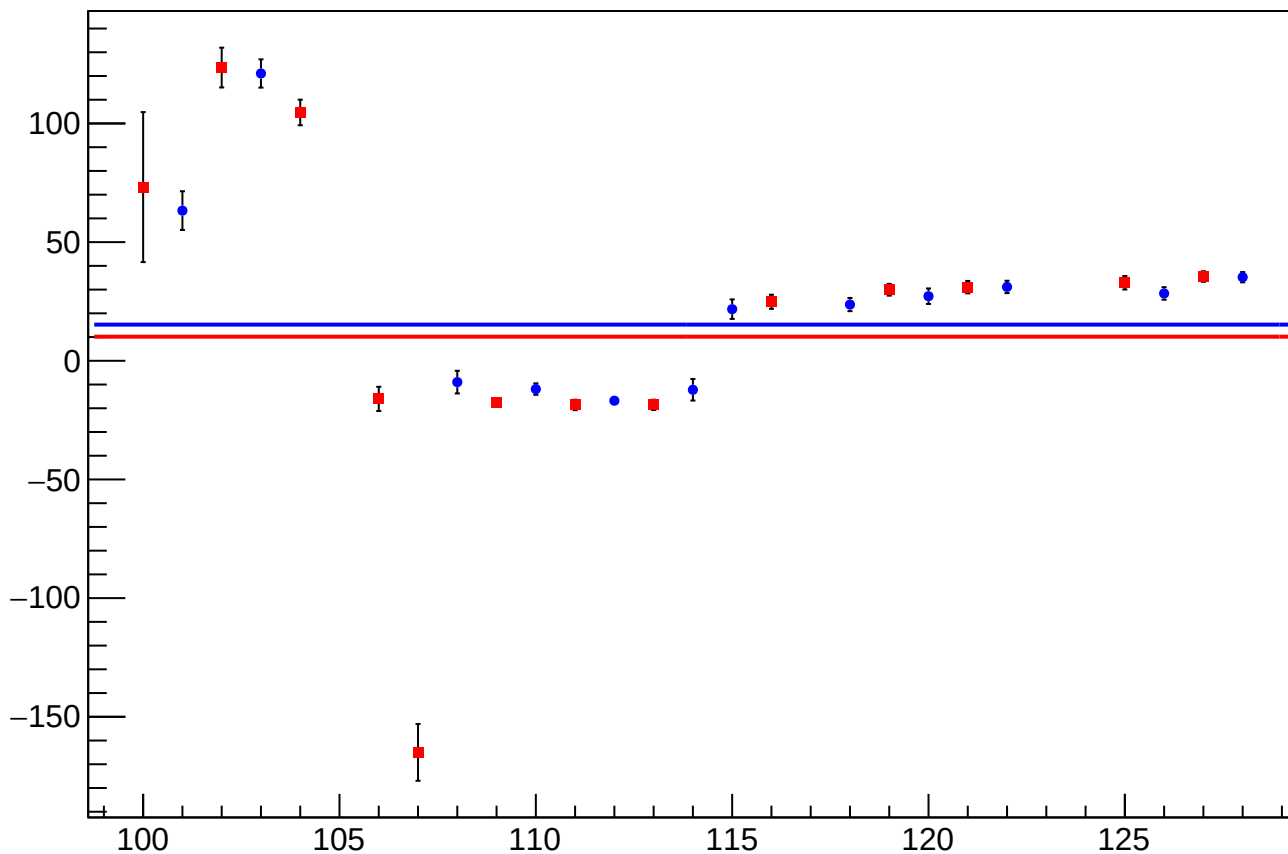
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.377 $\pm$ 0.035 χ^2 /NDF: 1140864.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at1lr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 15.245+/-0.866 χ^2 /NDF: 958.6/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 10.164+/-0.818 χ^2 /NDF: 1606.7/12

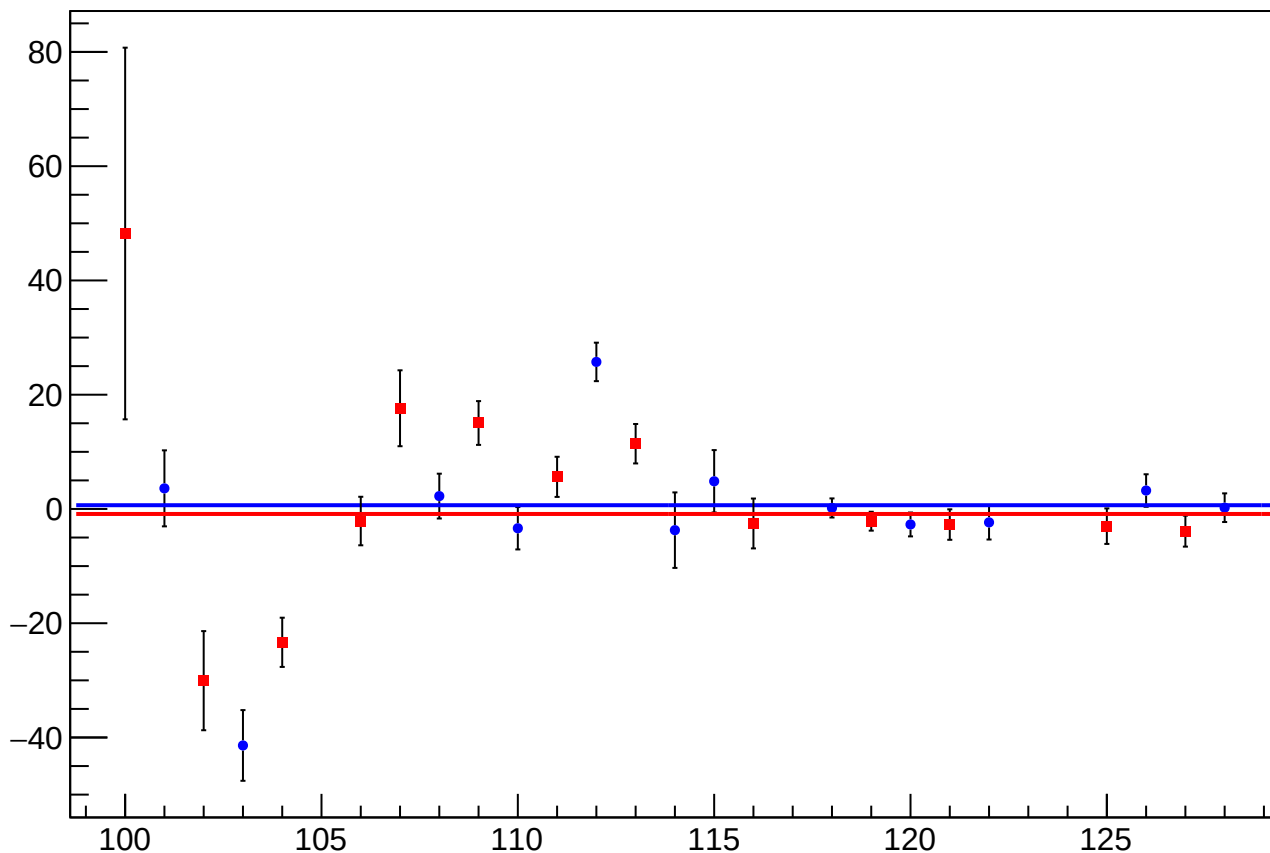
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 12.560+/-0.595 χ^2 /NDF: 2583.5/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 0.658+/-0.873 χ^2/NDF : 108.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.875+/-0.921 χ^2/NDF : 84.9/12

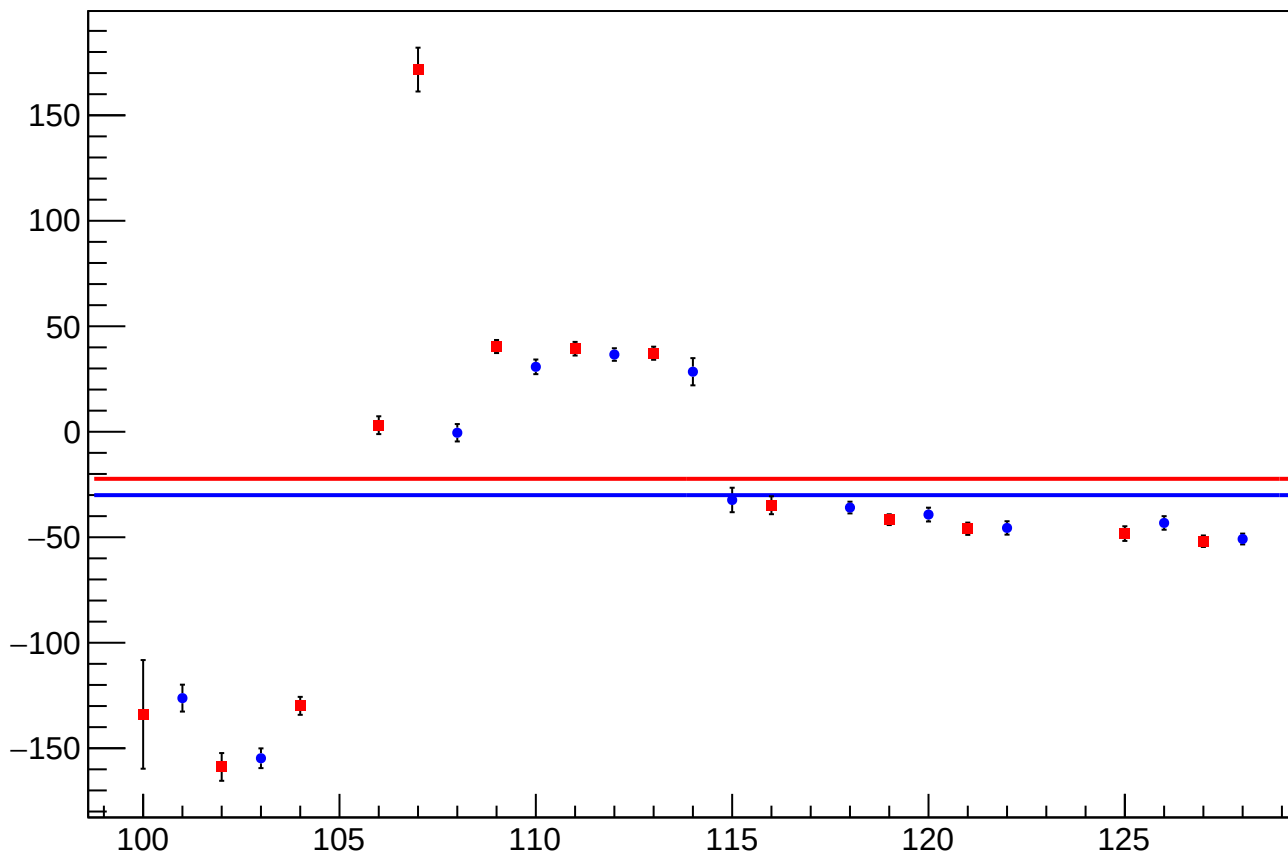
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.067+/-0.634 χ^2/NDF : 195.2/24

- 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: -30.043+/-1.026 χ^2/NDF : 1999.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -22.305+/-1.003 χ^2/NDF : 2924.2/12

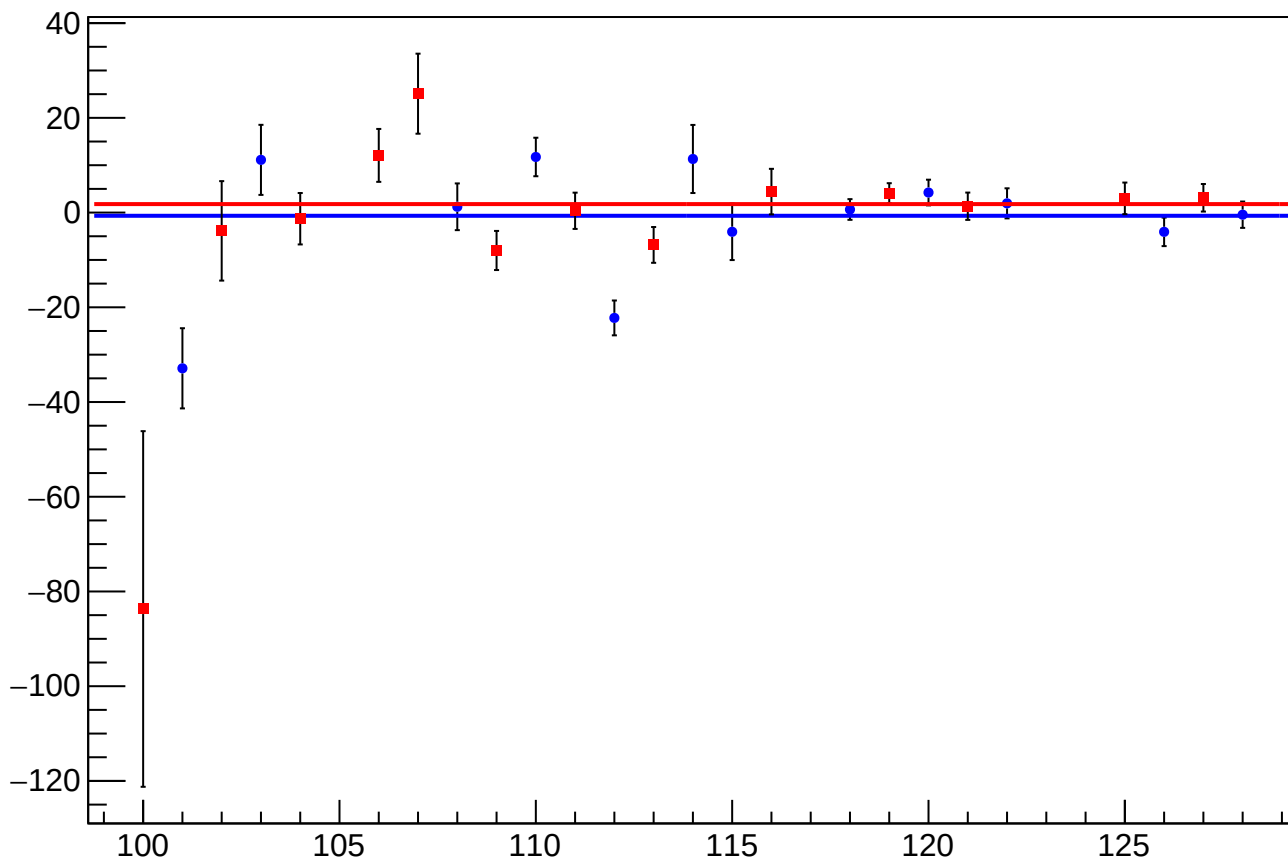
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.085+/-0.717 χ^2/NDF : 4952.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -0.677 ± 1.032 χ^2/NDF : 69.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.791 ± 1.065 χ^2/NDF : 29.6/12

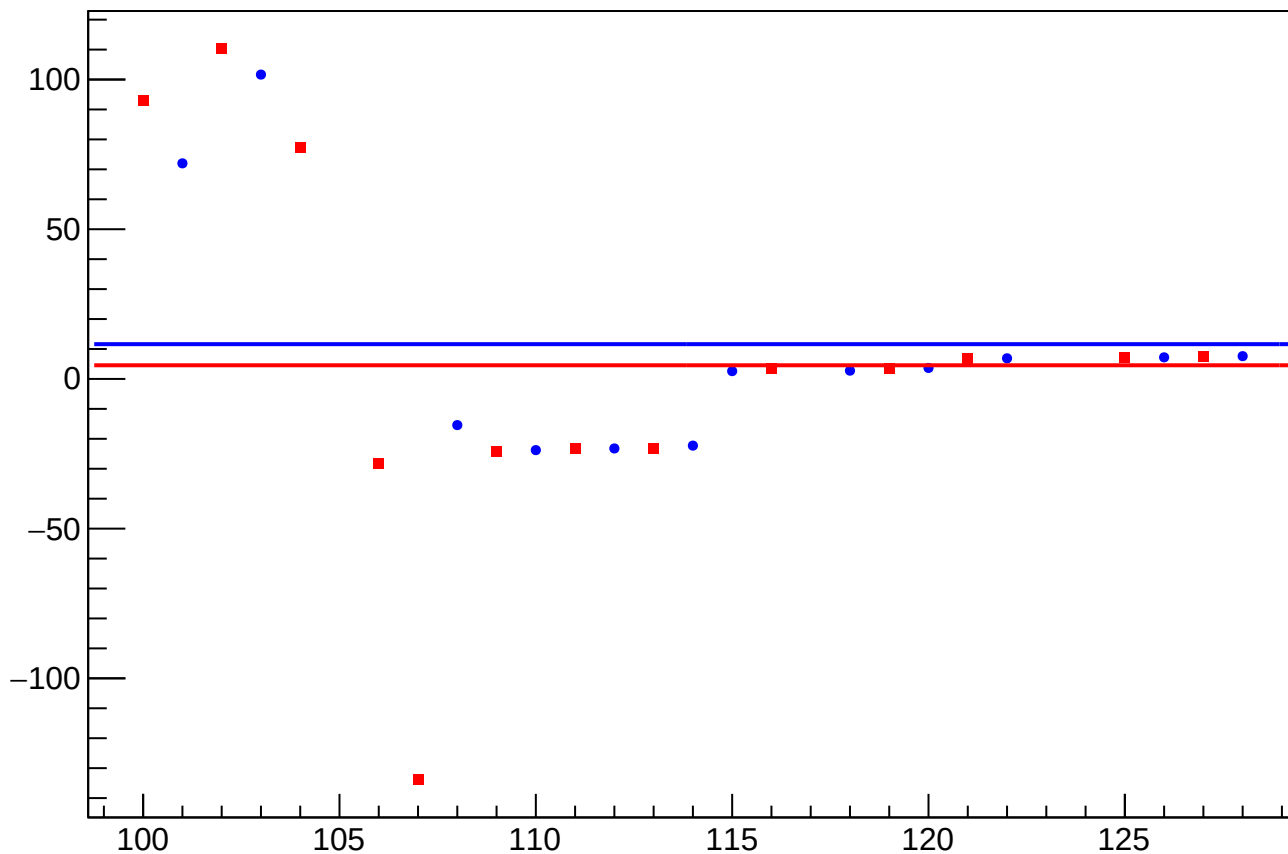
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.517 ± 0.741 χ^2/NDF : 102.0/24

- 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: 11.609+/-0.071 χ^2/NDF : 308245.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.560+/-0.070 χ^2/NDF : 446533.6/12

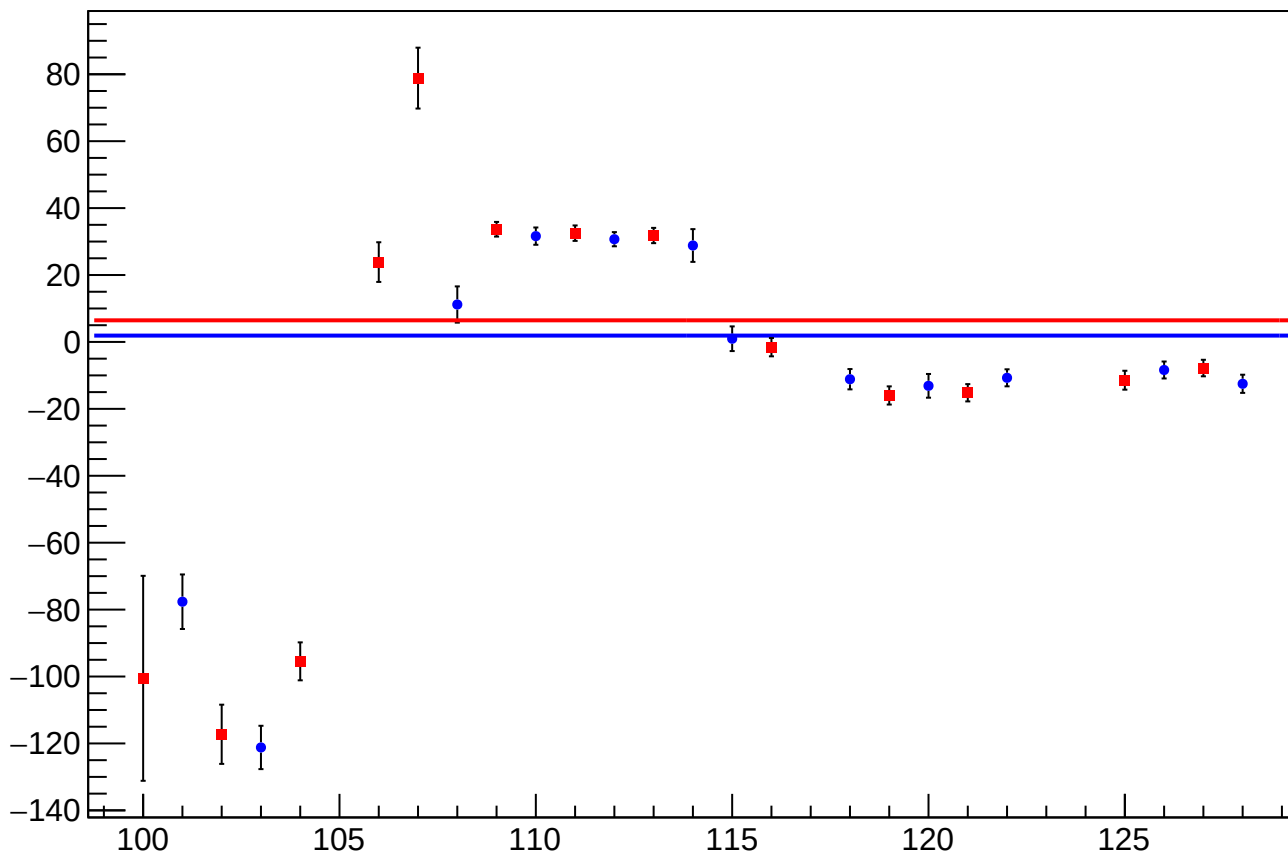
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.023+/-0.050 χ^2/NDF : 759828.1/24

- 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: 1.894+/-0.915 χ^2/NDF : 912.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.458+/-0.851 χ^2/NDF : 1228.5/12

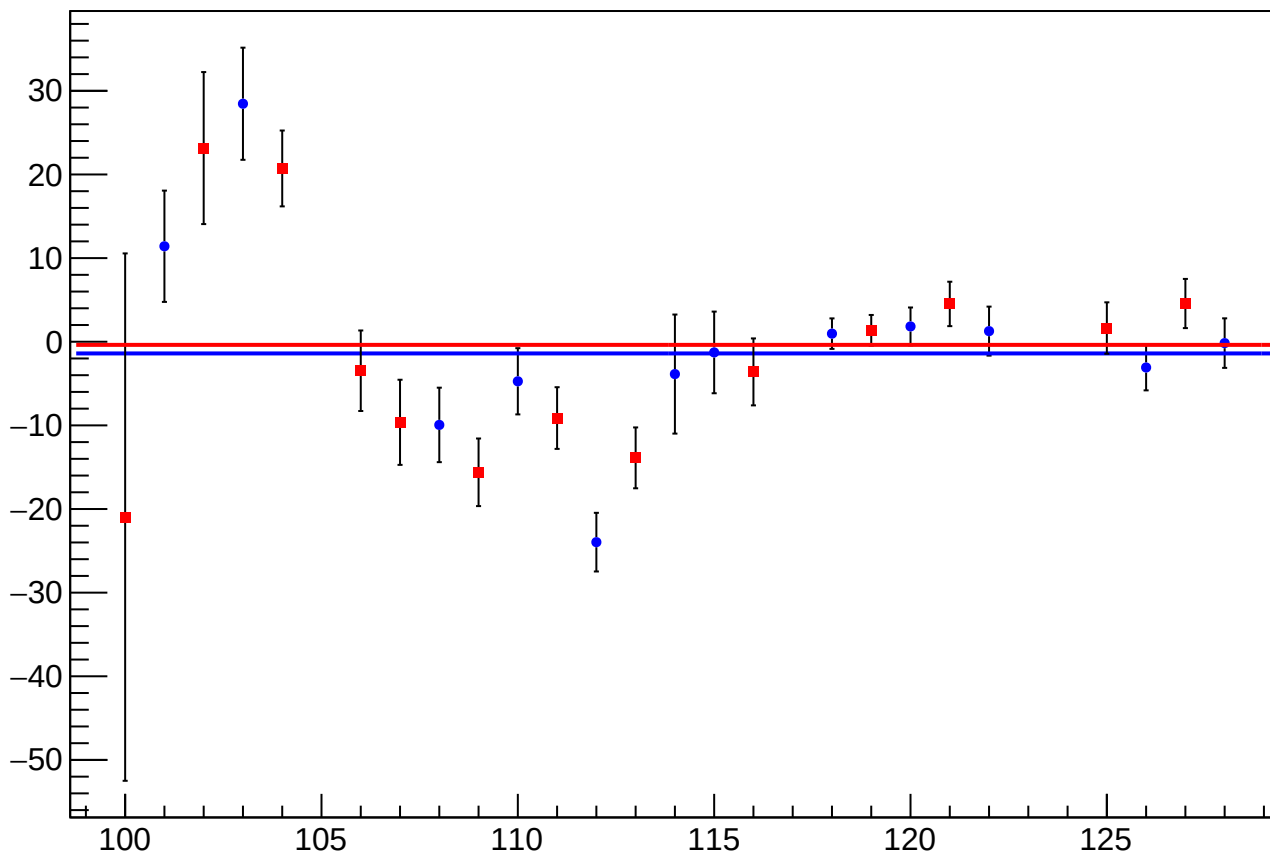
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.342+/-0.623 χ^2/NDF : 2154.6/24

- 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: -1.398 ± 0.928 χ^2/NDF : 74.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.374 ± 0.963 χ^2/NDF : 74.3/12

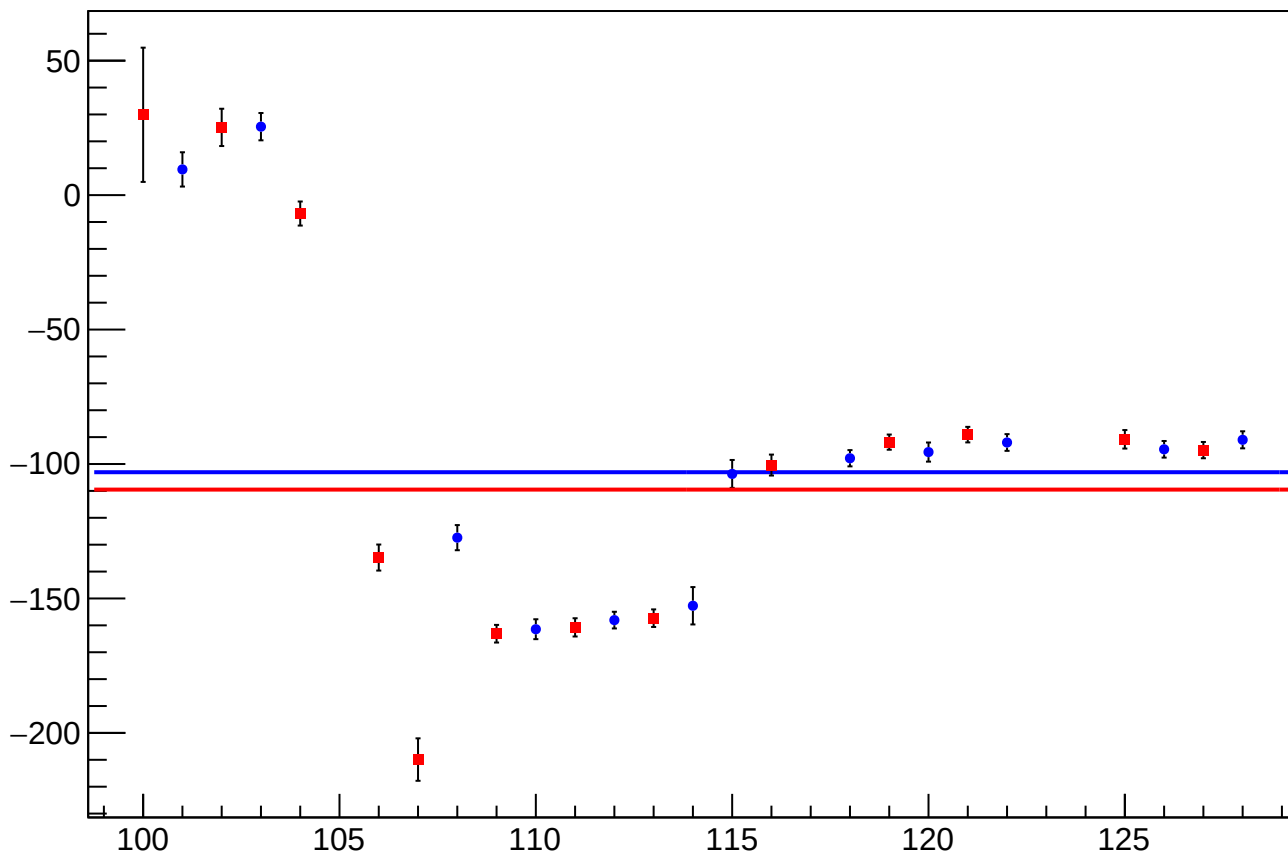
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.905 ± 0.668 χ^2/NDF : 149.5/24

- 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: -103.049 ± 1.091 χ^2/NDF : 1635.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -109.513 ± 1.049 χ^2/NDF : 1980.6/12

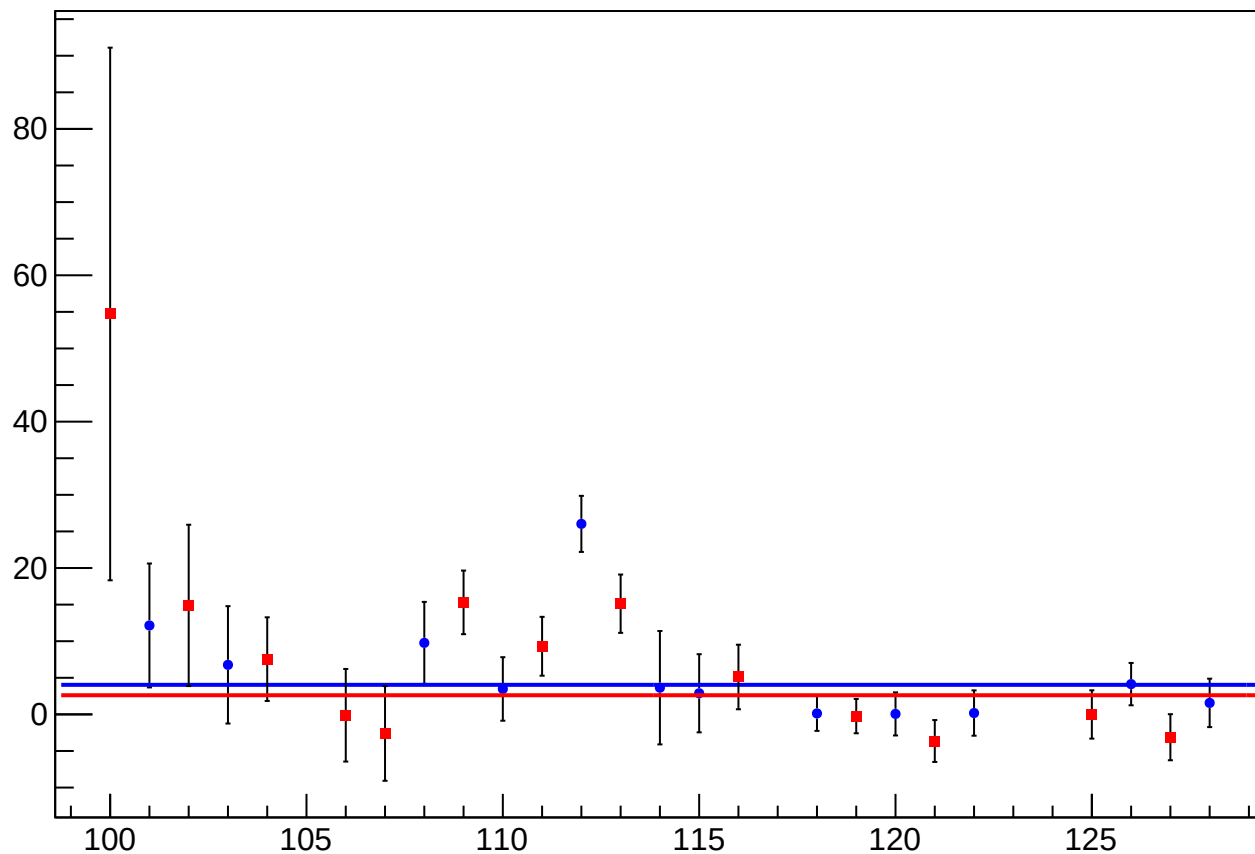
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -106.408 ± 0.756 χ^2/NDF : 3634.7/24

- 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: 4.038+/-1.091 χ^2/NDF : 41.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.616+/-1.109 χ^2/NDF : 36.6/12

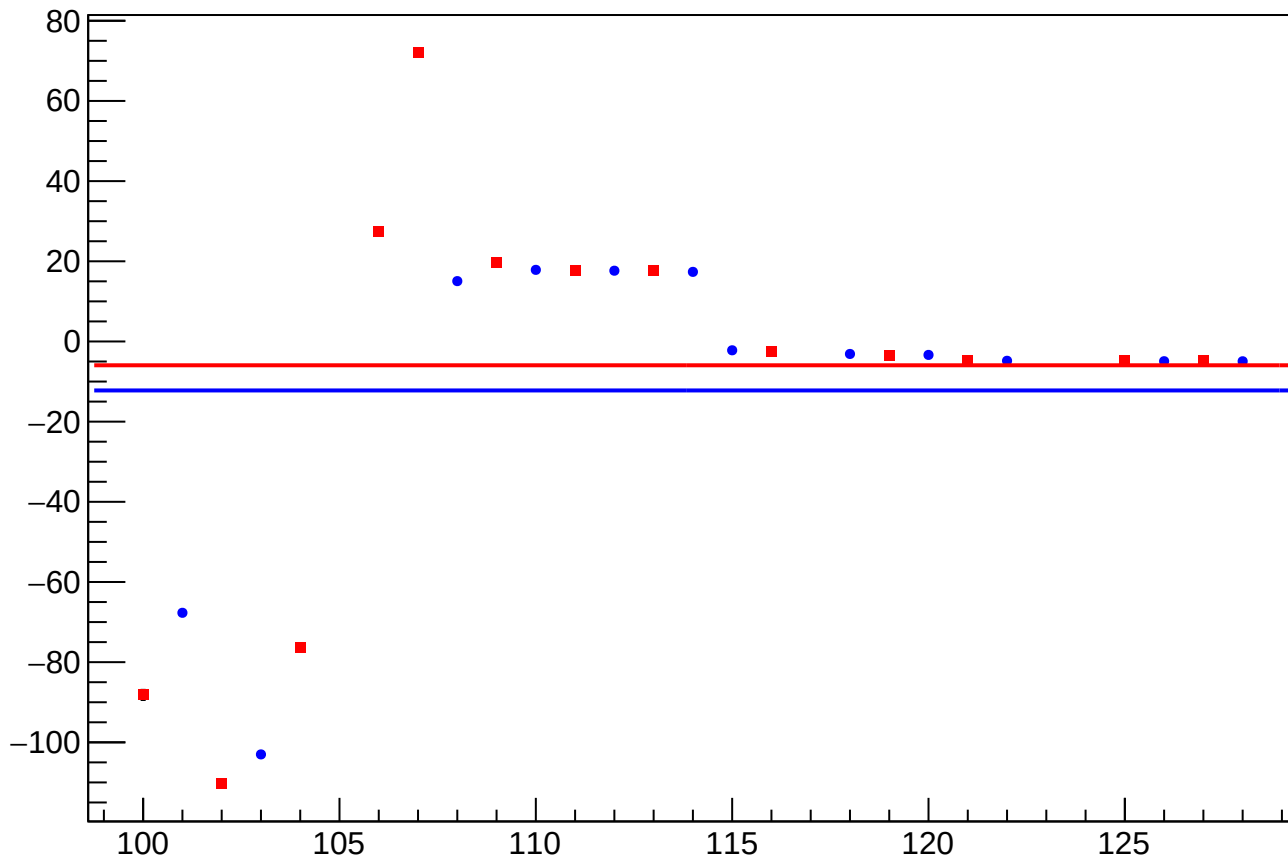
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.338+/-0.778 χ^2/NDF : 79.1/24

- 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: -12.218+/-0.076 χ^2/NDF : 256820.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.941+/-0.073 χ^2/NDF : 338833.5/12

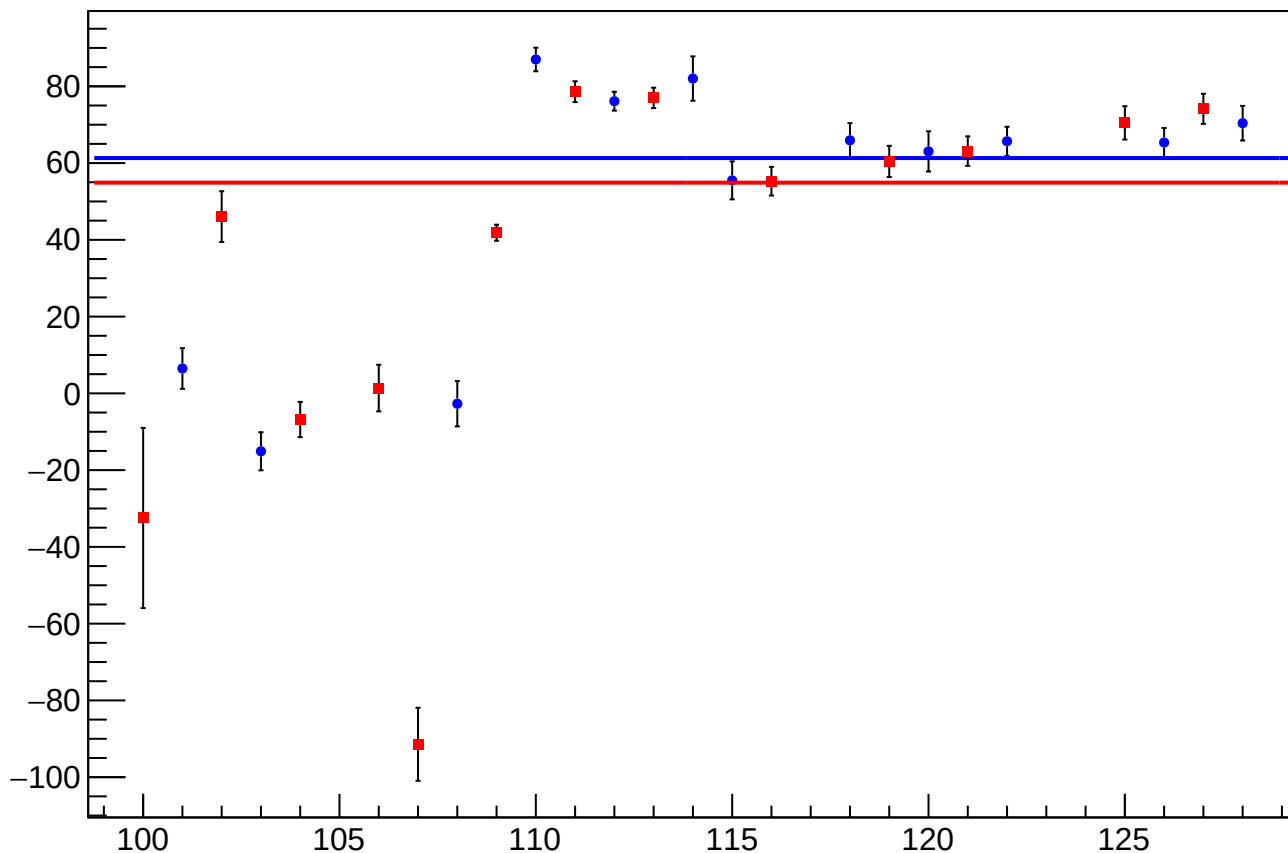
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.959+/-0.052 χ^2/NDF : 599224.0/24

- 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: 61.308 $\pm$ 1.176 χ^2 /NDF: 589.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 54.901 $\pm$ 1.035 χ^2 /NDF: 737.9/12

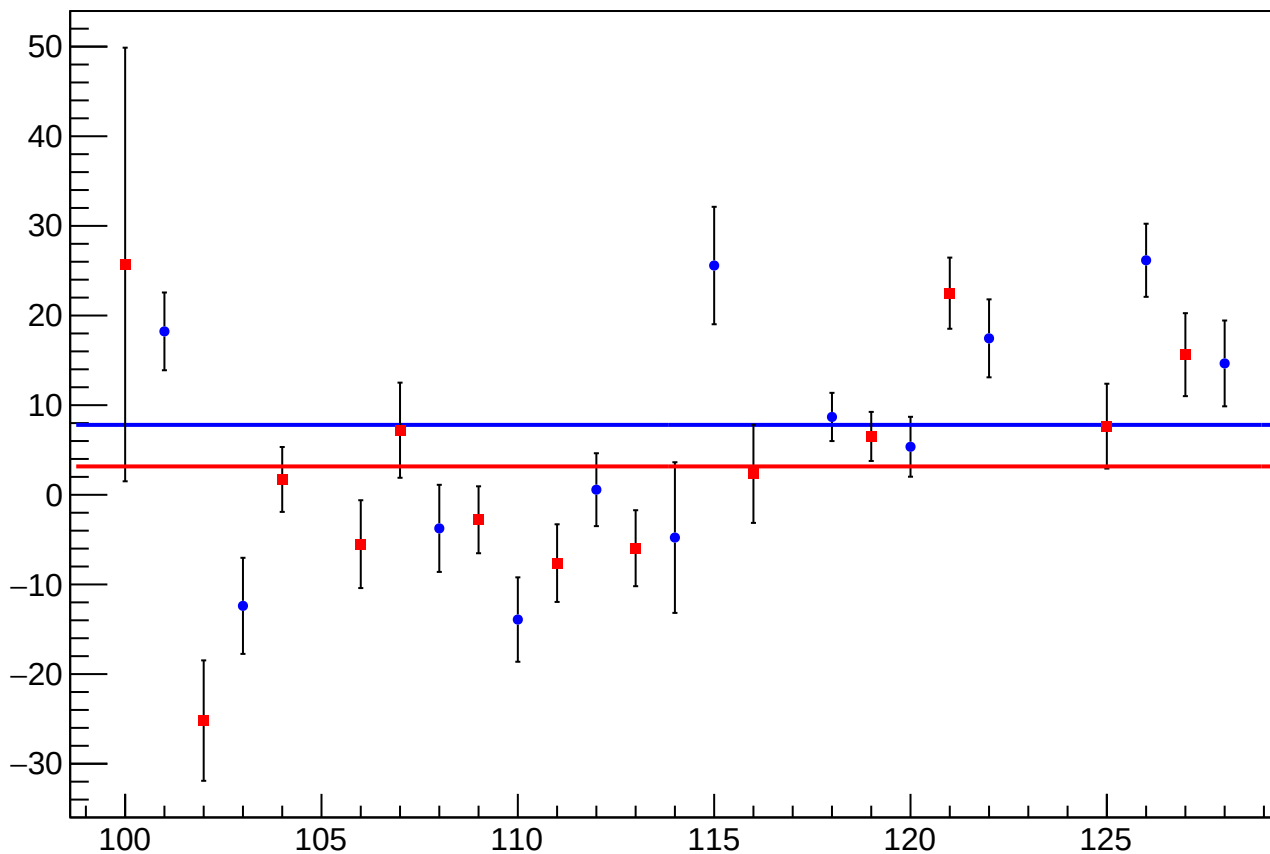
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 57.697 $\pm$ 0.777 χ^2 /NDF: 1344.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 7.800 $\pm$ 1.233 χ^2 /NDF: 87.5/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.167 $\pm$ 1.213 χ^2 /NDF: 69.3/12

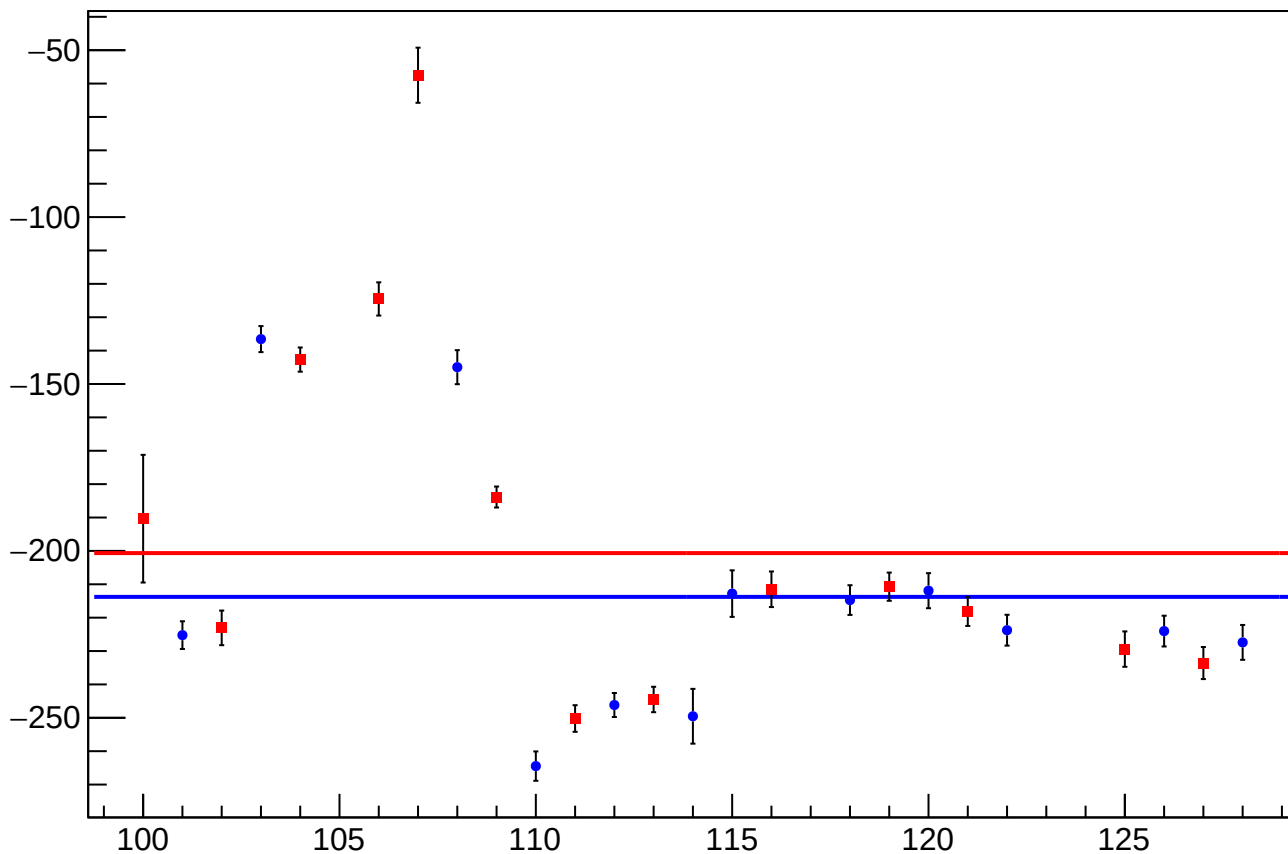
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.446 $\pm$ 0.865 χ^2 /NDF: 164.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -213.773 ± 1.356 χ^2/NDF : 831.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -200.656 ± 1.262 χ^2/NDF : 1227.6/12

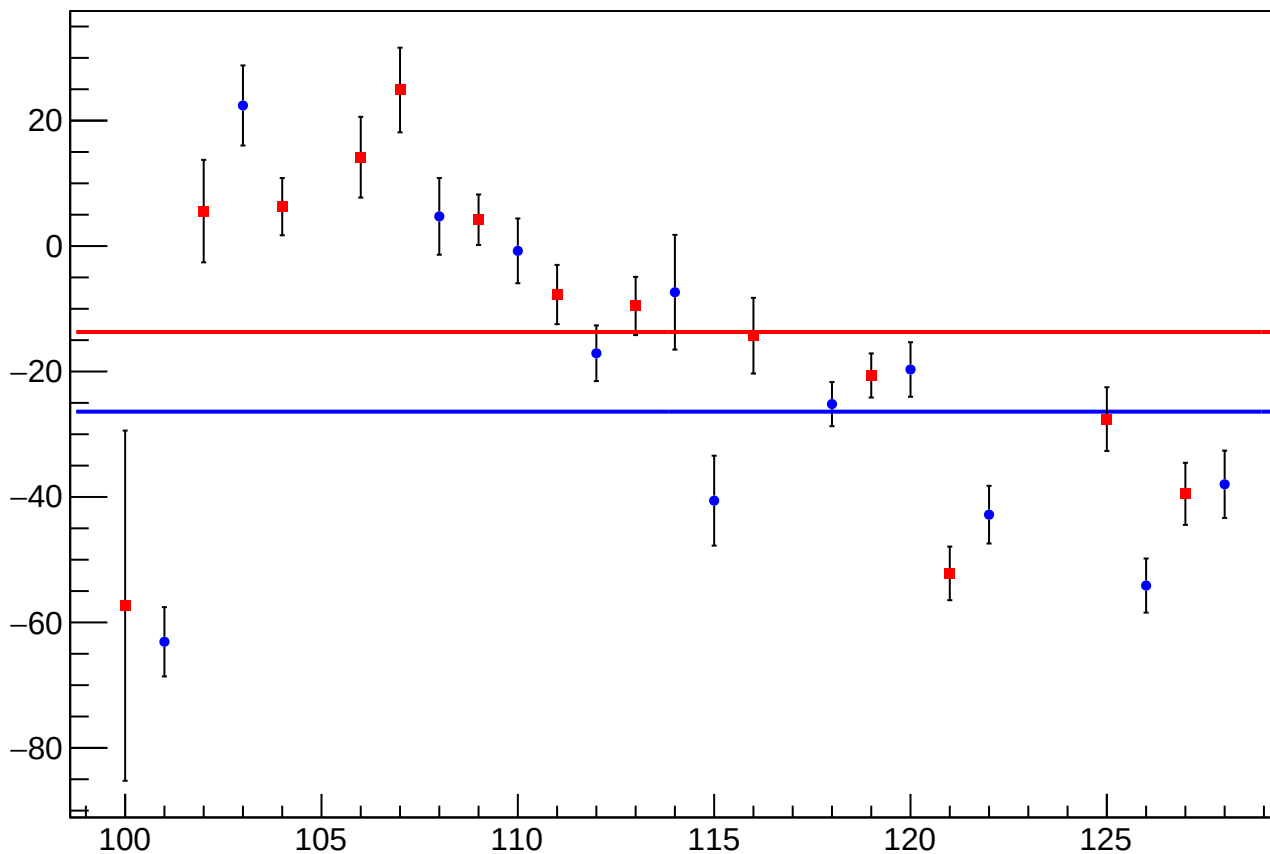
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -206.746 ± 0.924 χ^2/NDF : 2109.6/24

- 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: -26.398 ± 1.454 χ^2/NDF : 226.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -13.698 ± 1.406 χ^2/NDF : 220.4/12

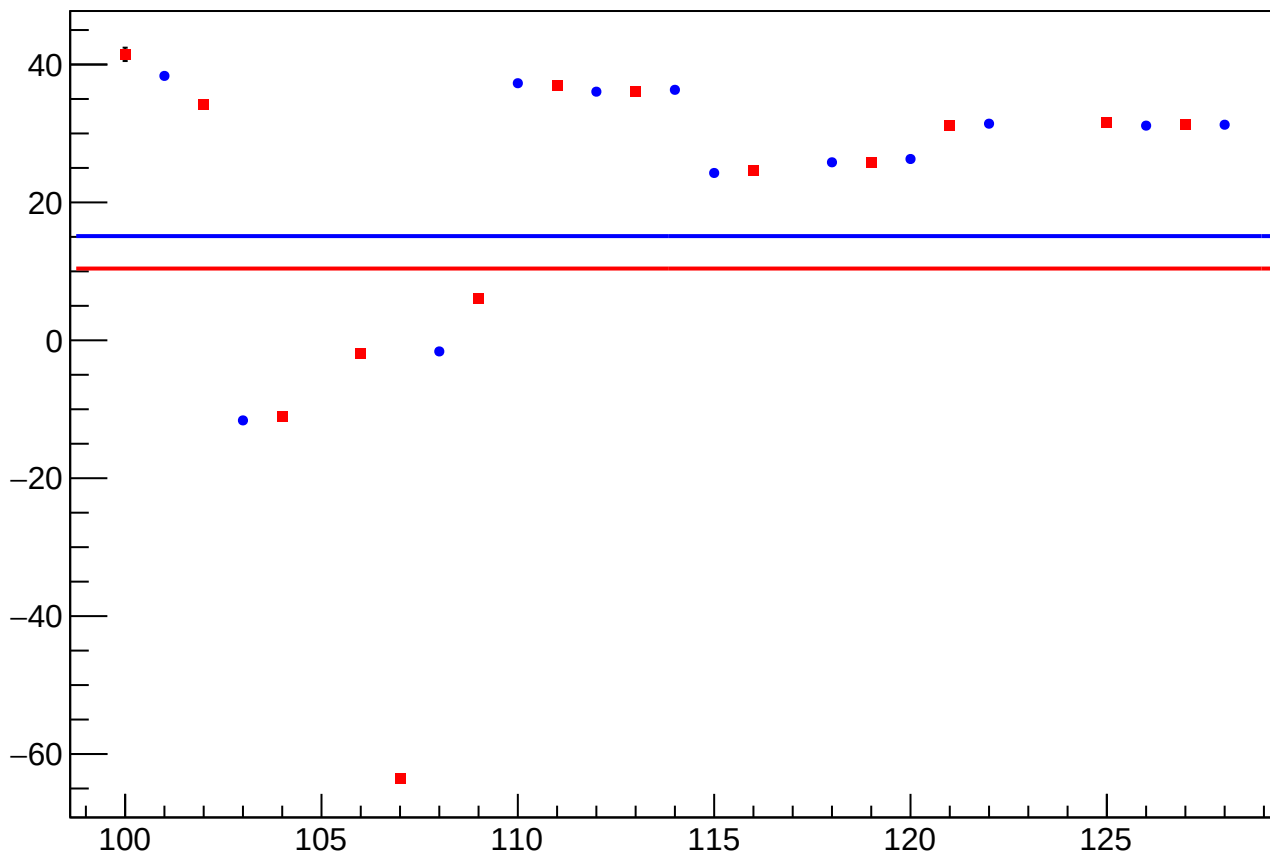
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -19.833 ± 1.011 χ^2/NDF : 486.8/24

- 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: 15.113+/-0.085 χ^2/NDF : 60146.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.409+/-0.079 χ^2/NDF : 106656.8/12

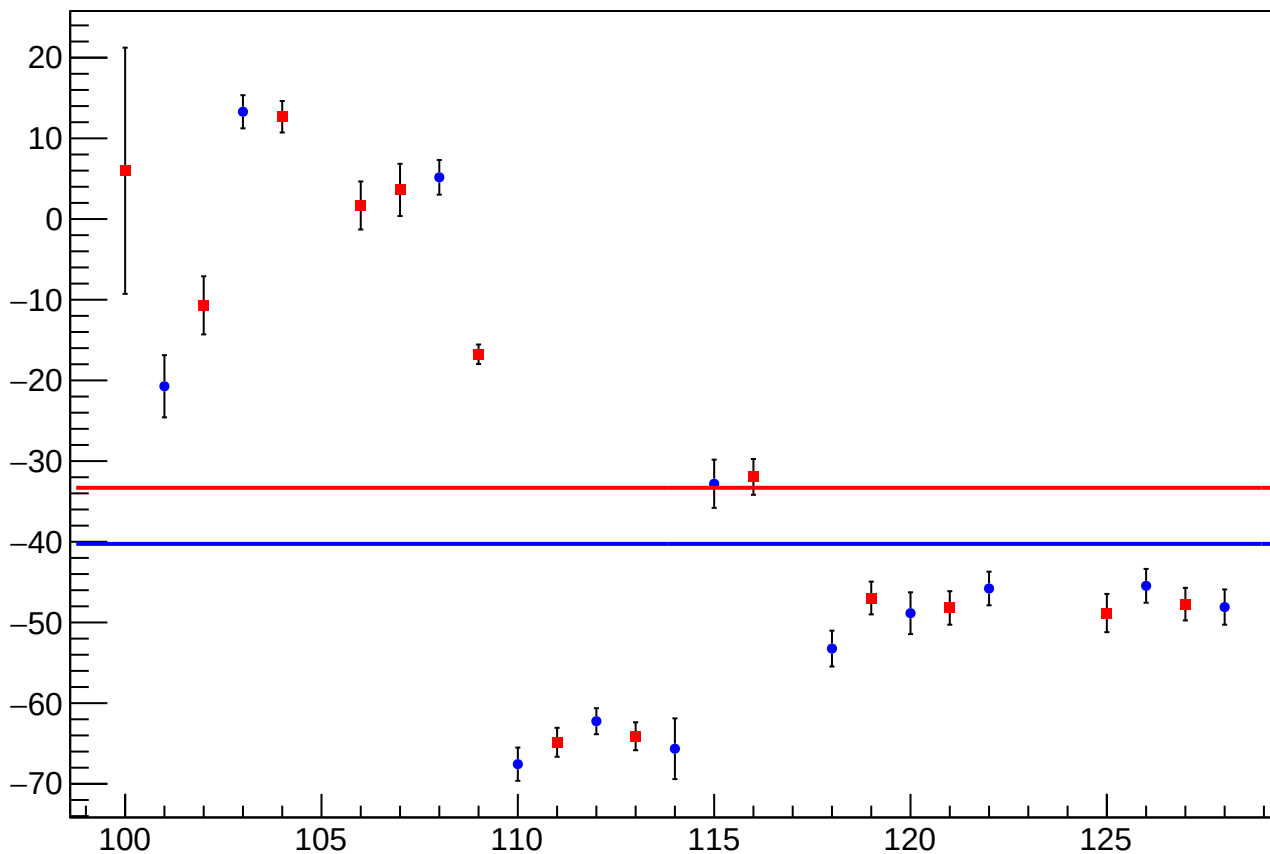
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.592+/-0.058 χ^2/NDF : 168448.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_dd_diff_bpm1X_slope vs Slug



Right In: -40.258 ± 0.653 χ^2/NDF : 1636.9/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -33.306 ± 0.579 χ^2/NDF : 1876.1/12

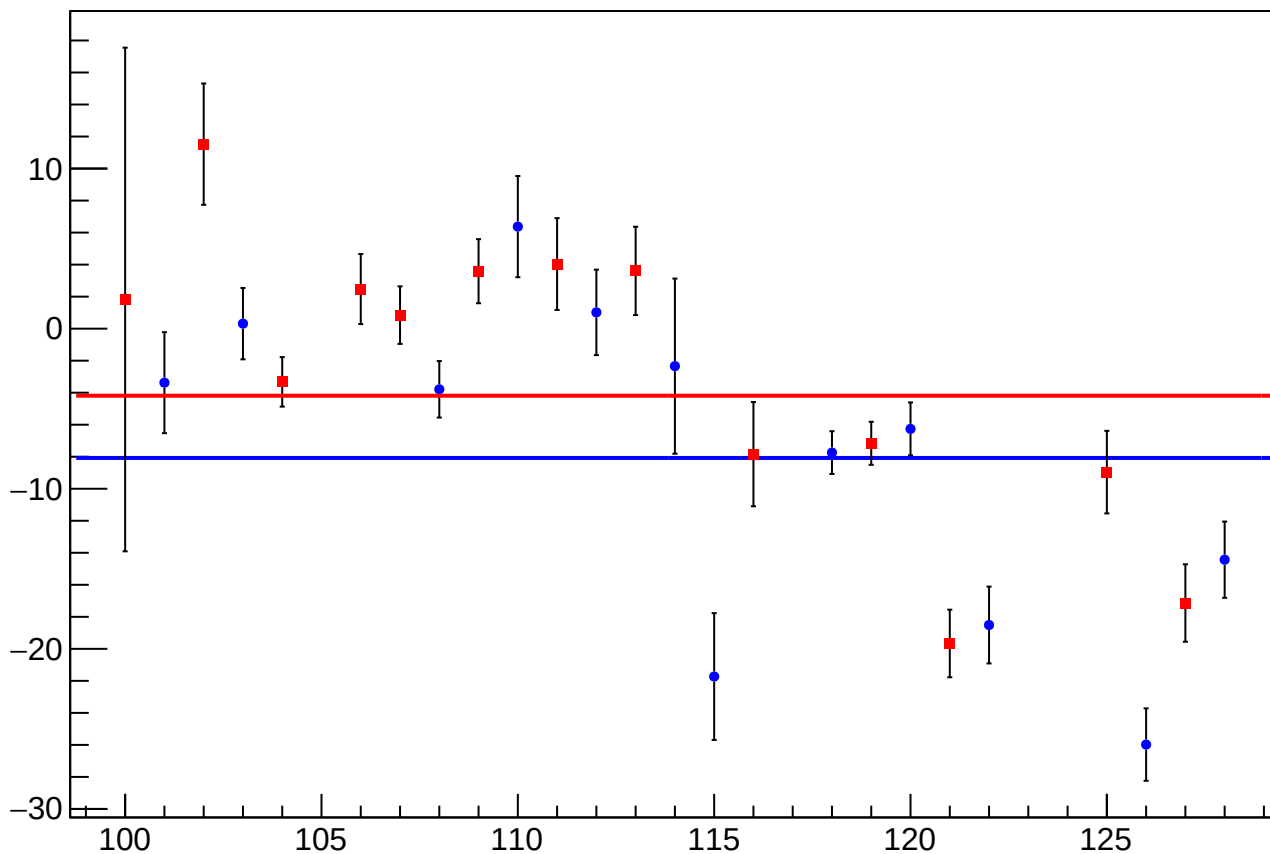
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.361 ± 0.433 χ^2/NDF : 3576.4/24

- 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: -8.076 ± 0.641 χ^2/NDF : 157.7/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.187 ± 0.608 χ^2/NDF : 158.1/12

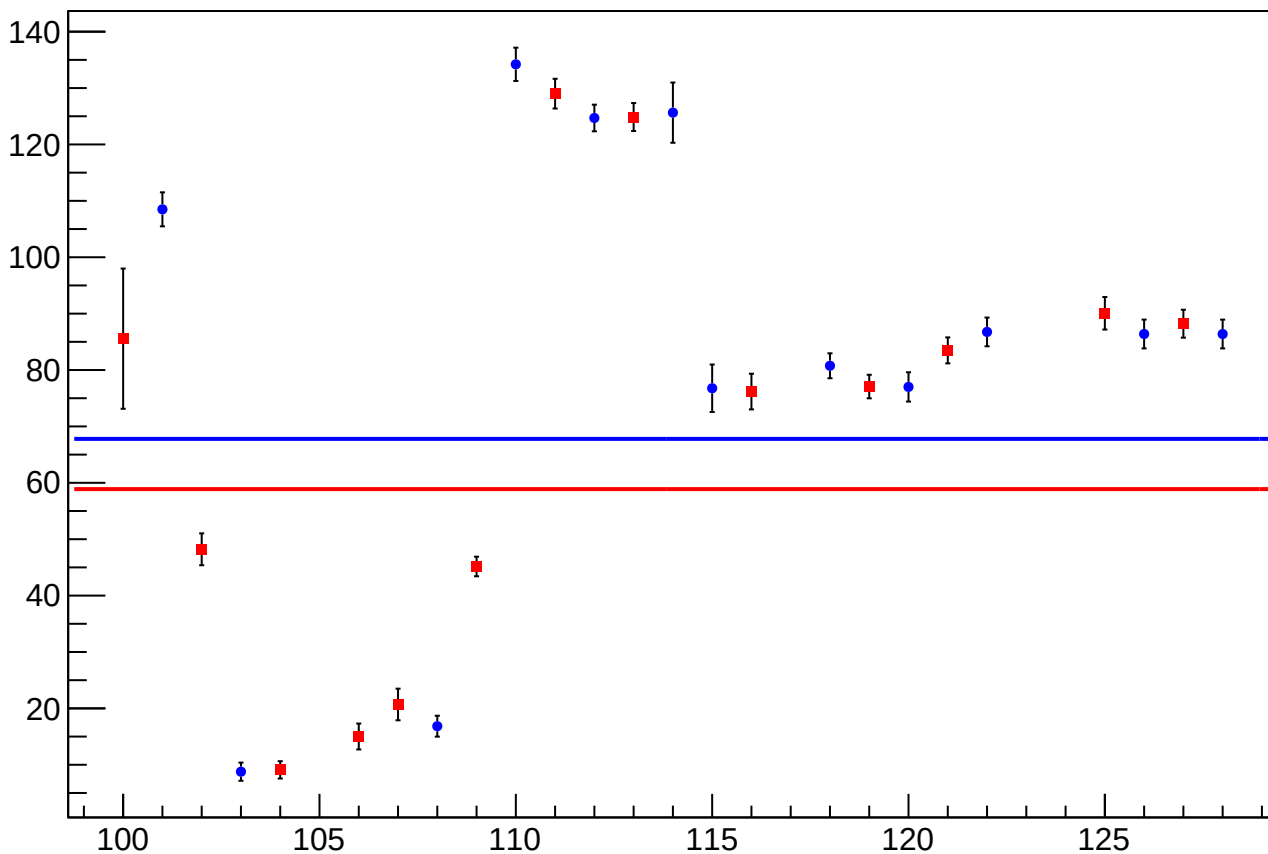
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.028 ± 0.441 χ^2/NDF : 335.1/24

- 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: 67.789+/-0.710 χ^2 /NDF: 3692.3/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 58.884+/-0.658 χ^2 /NDF: 3571.5/12

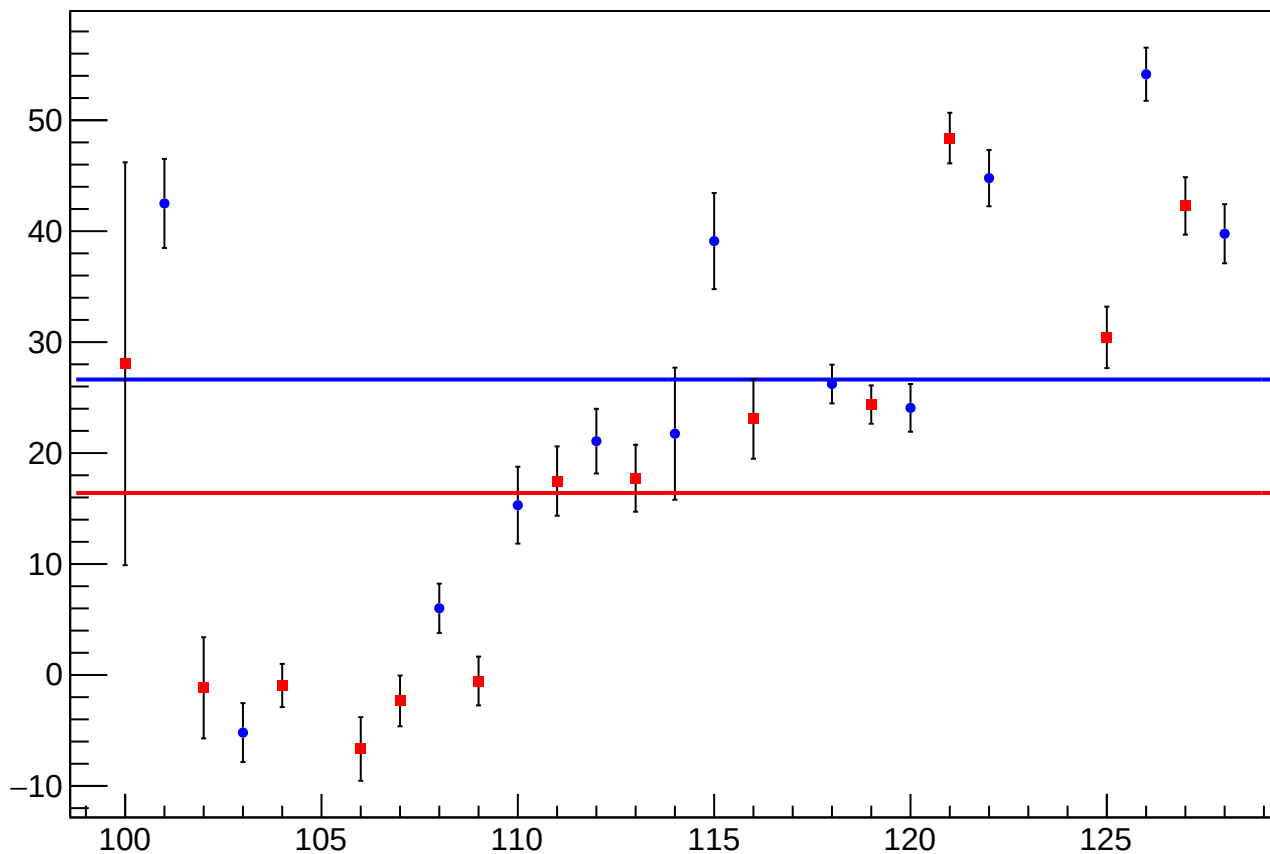
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 63.000+/-0.483 χ^2 /NDF: 7348.5/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 26.630 $\pm$ 0.766 χ^2 /NDF: 478.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.407 $\pm$ 0.720 χ^2 /NDF: 632.9/12

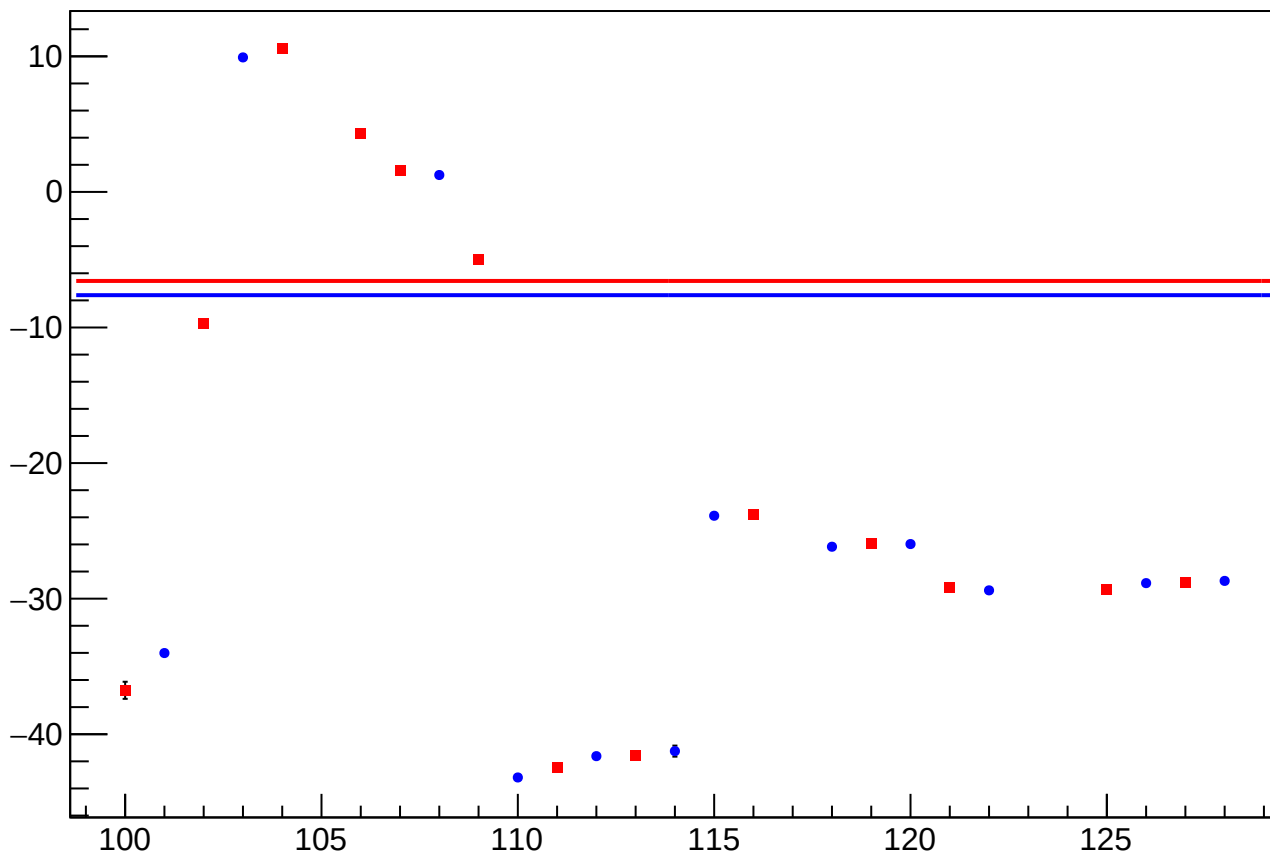
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.199 $\pm$ 0.524 χ^2 /NDF: 1205.6/24

- 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: -7.615+/-0.040 χ^2/NDF : 221205.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.566+/-0.039 χ^2/NDF : 190514.2/12

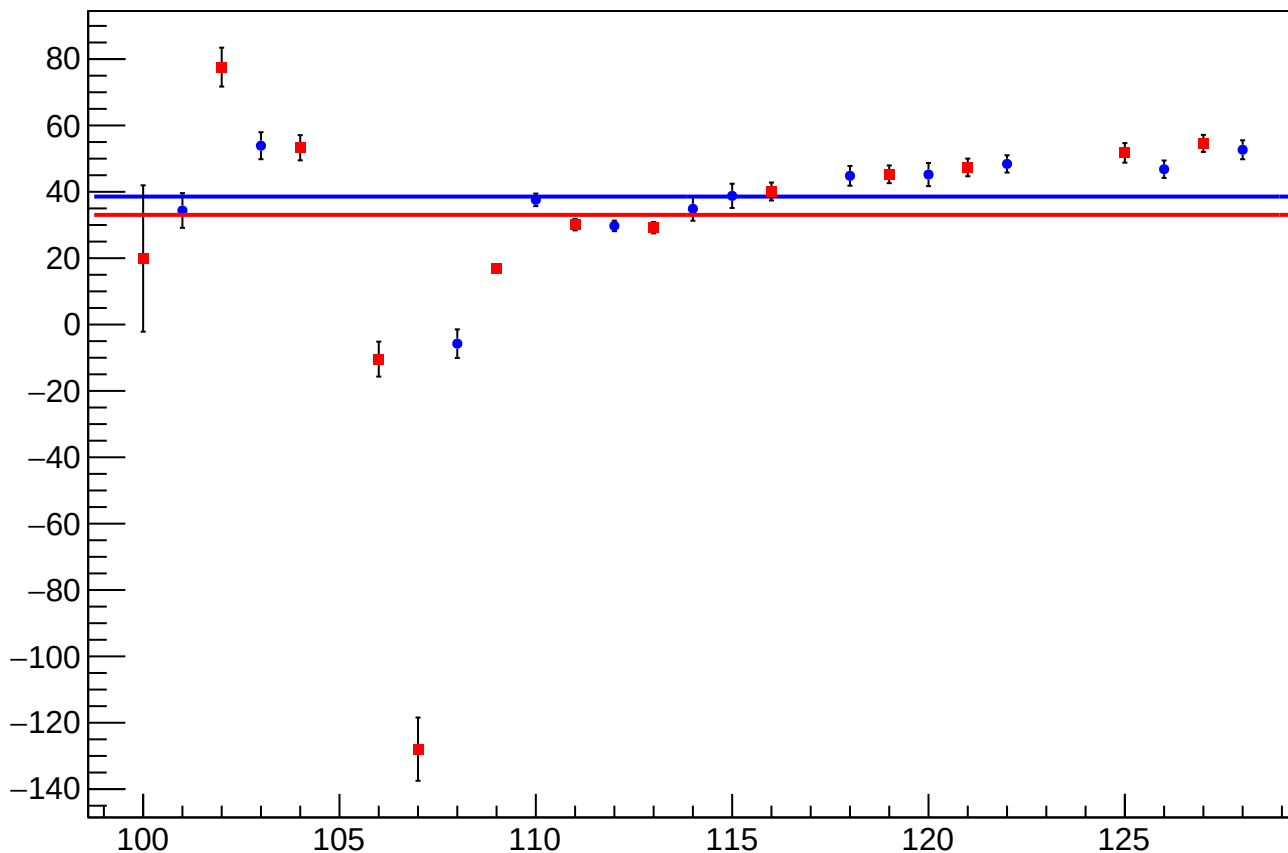
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.075+/-0.028 χ^2/NDF : 412071.9/24

- 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: 38.566+/-0.794 χ^2/NDF : 209.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.050+/-0.715 χ^2/NDF : 728.7/12

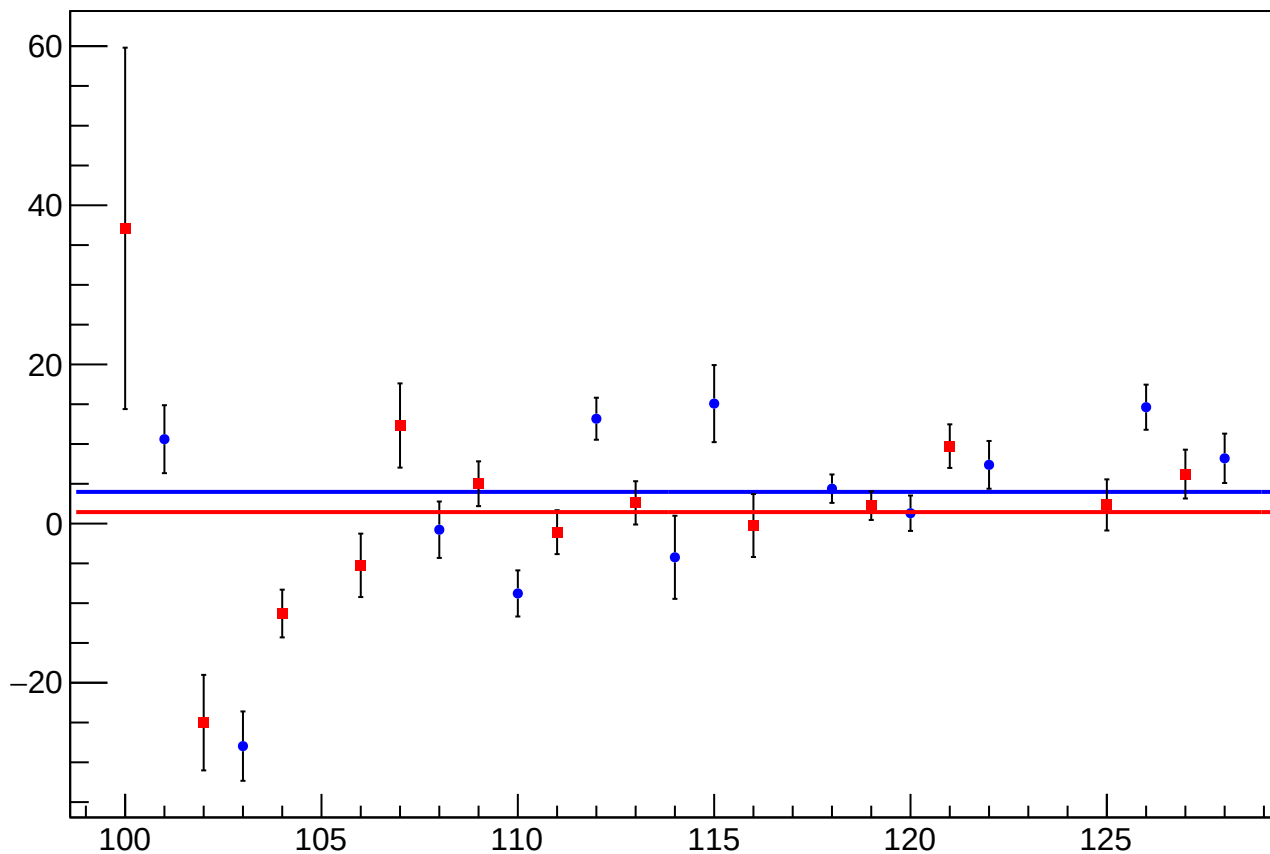
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.521+/-0.531 χ^2/NDF : 964.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 3.983+/-0.850 χ^2/NDF : 115.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.445+/-0.863 χ^2/NDF : 61.7/12

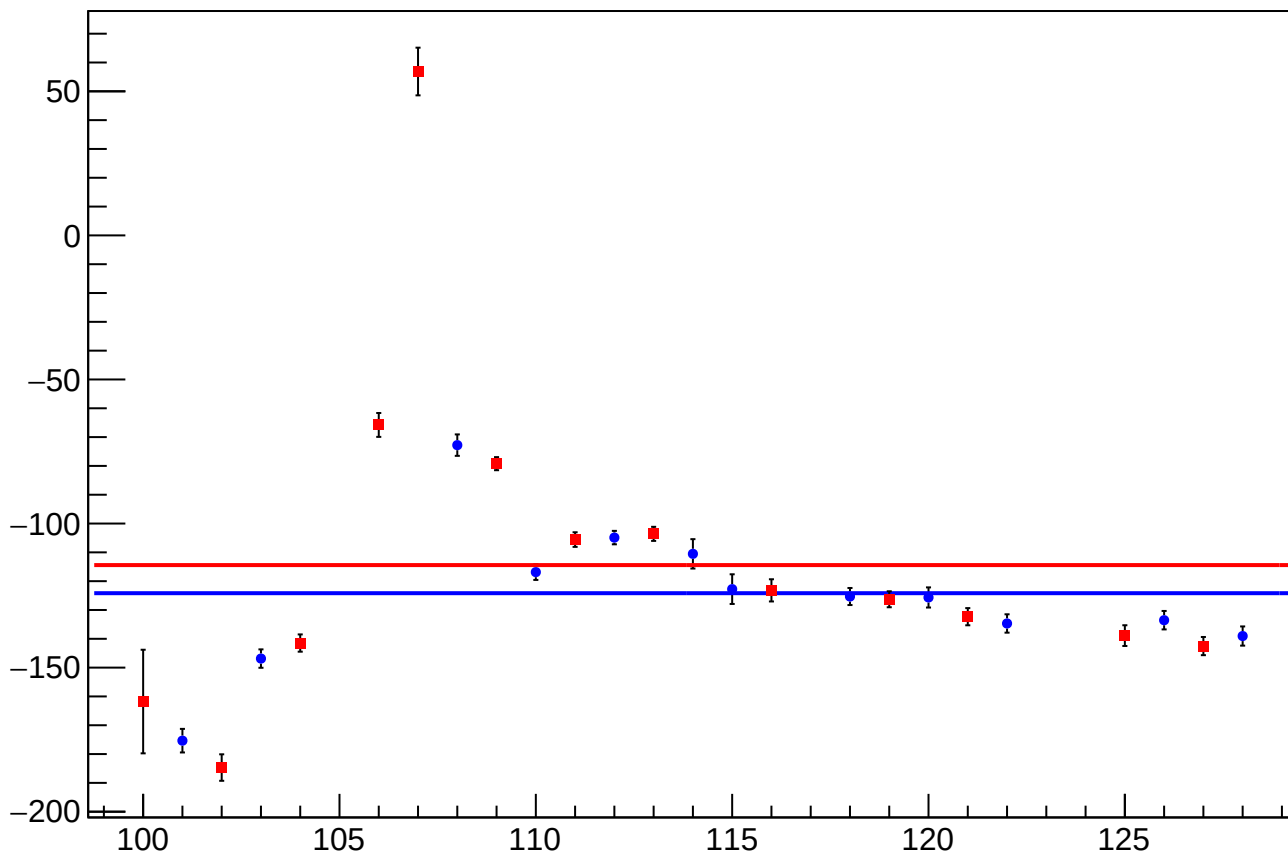
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.733+/-0.606 χ^2/NDF : 182.0/24

- 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: -124.172+/-0.950 χ^2/NDF : 520.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -114.418+/-0.898 χ^2/NDF : 1346.0/12

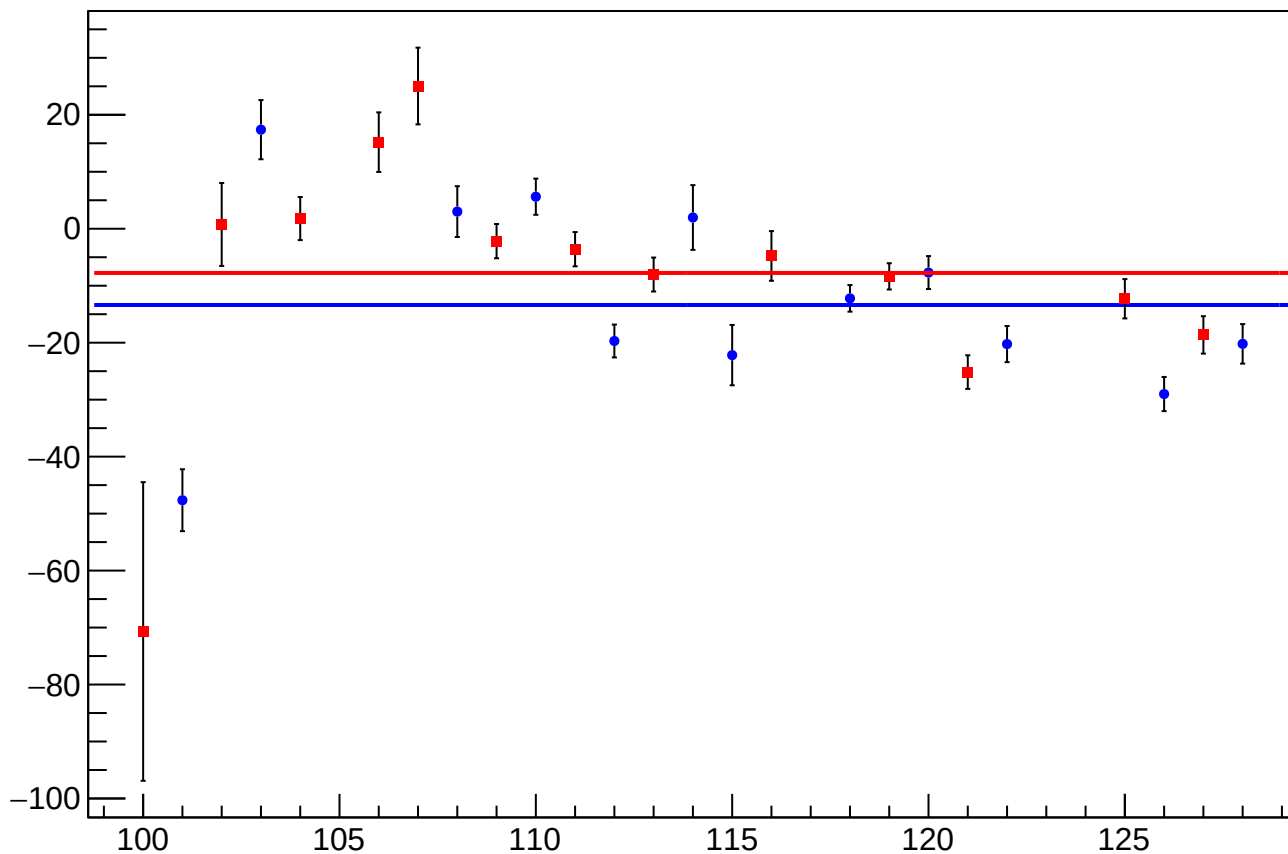
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -119.022+/-0.653 χ^2/NDF : 1921.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -13.383+/-0.998 χ^2/NDF : 178.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.756+/-0.993 χ^2/NDF : 109.9/12

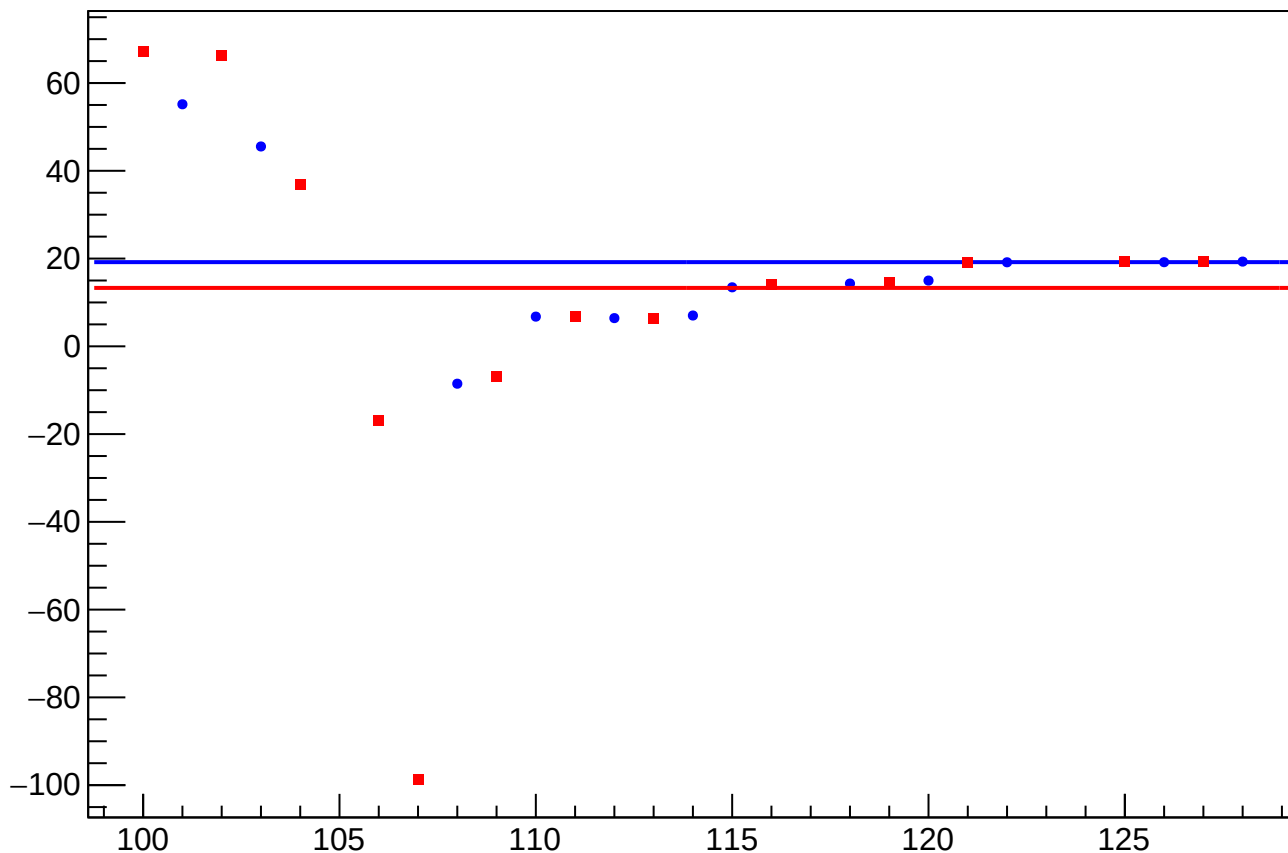
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.554+/-0.704 χ^2/NDF : 304.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 19.186 $\pm$ 0.062 χ^2 /NDF: 104024.9/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.312 $\pm$ 0.060 χ^2 /NDF: 252621.1/12

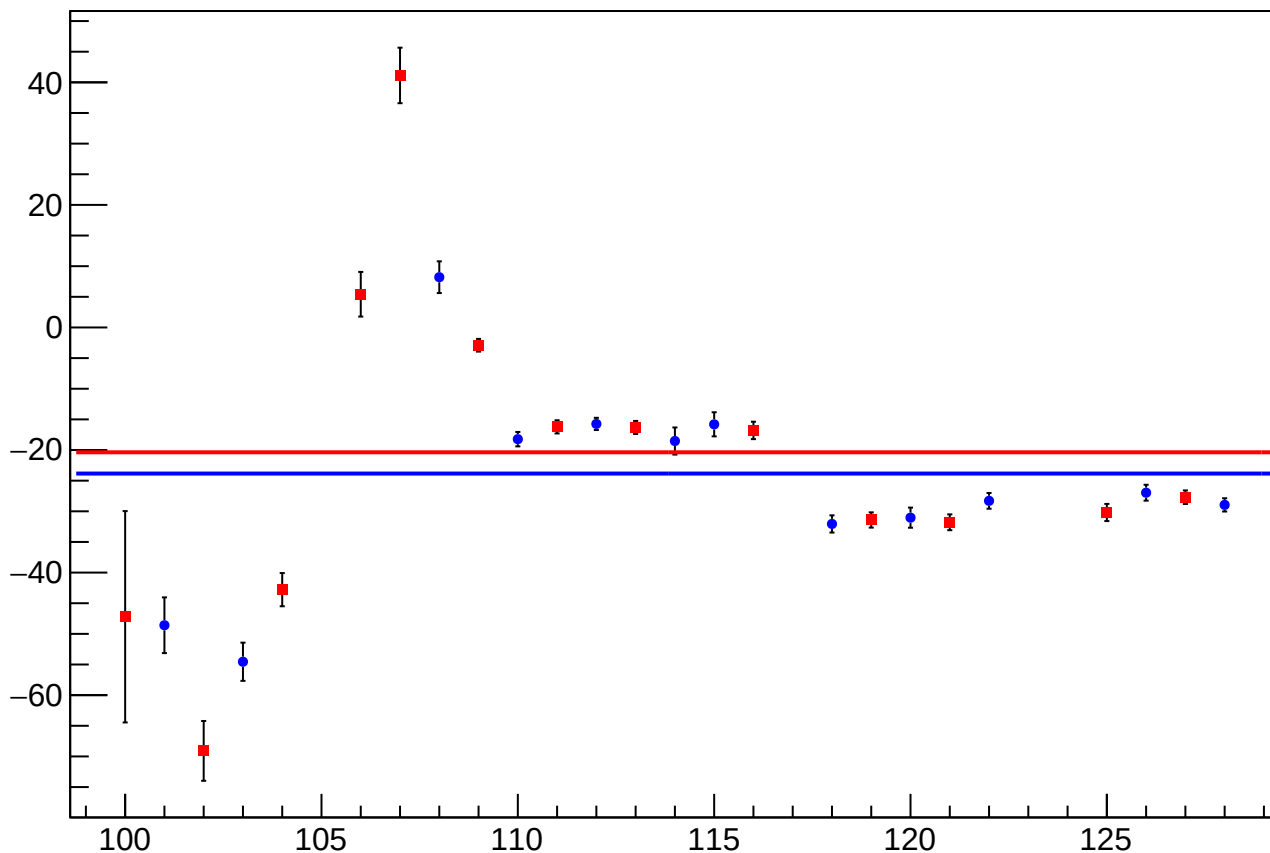
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.158 $\pm$ 0.043 χ^2 /NDF: 361230.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_dd_diff_bpm1X_slope vs Slug



Right In: -23.839 $\pm$ 0.429 χ^2 /NDF: 484.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -20.369 $\pm$ 0.406 χ^2 /NDF: 975.9/12

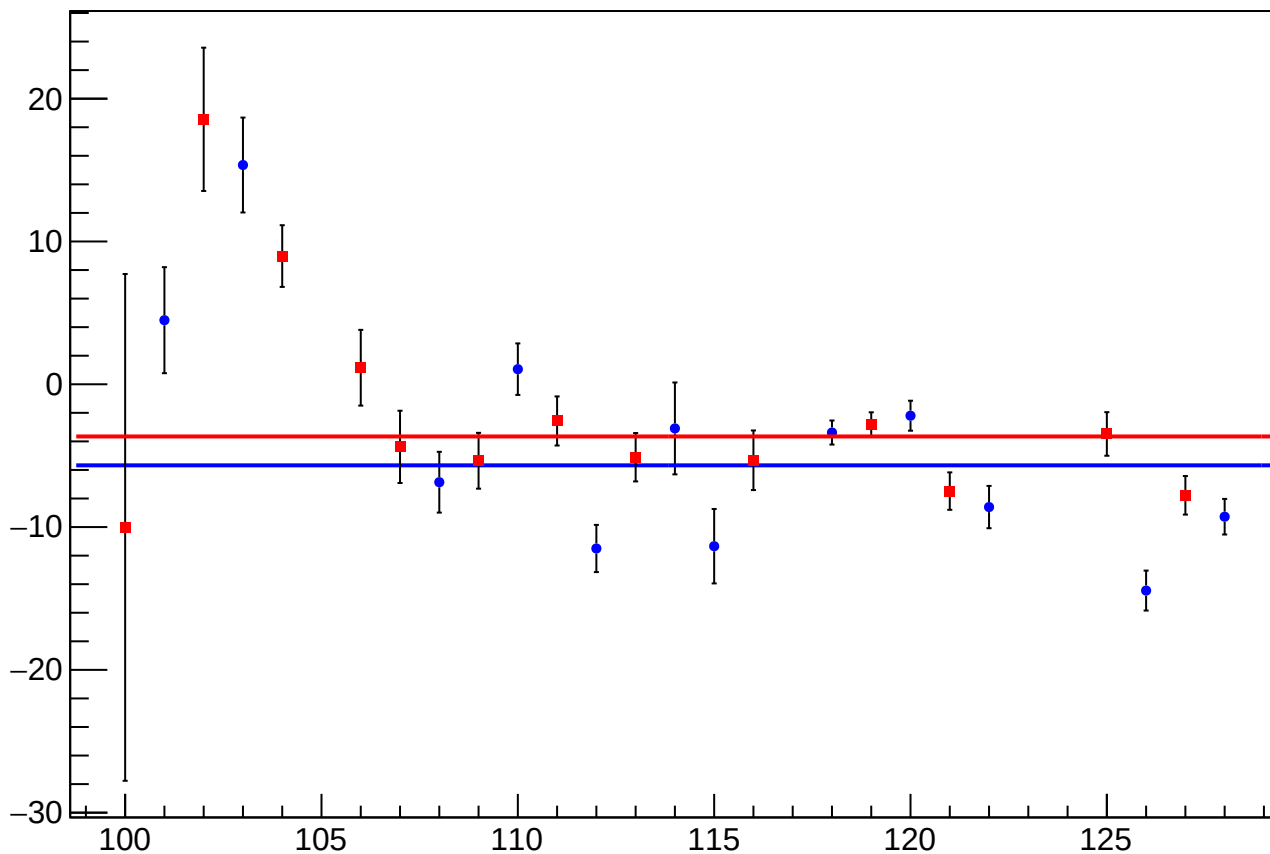
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -22.009 $\pm$ 0.295 χ^2 /NDF: 1495.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -5.677+/-0.437 χ^2/NDF : 149.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.654+/-0.459 χ^2/NDF : 78.8/12

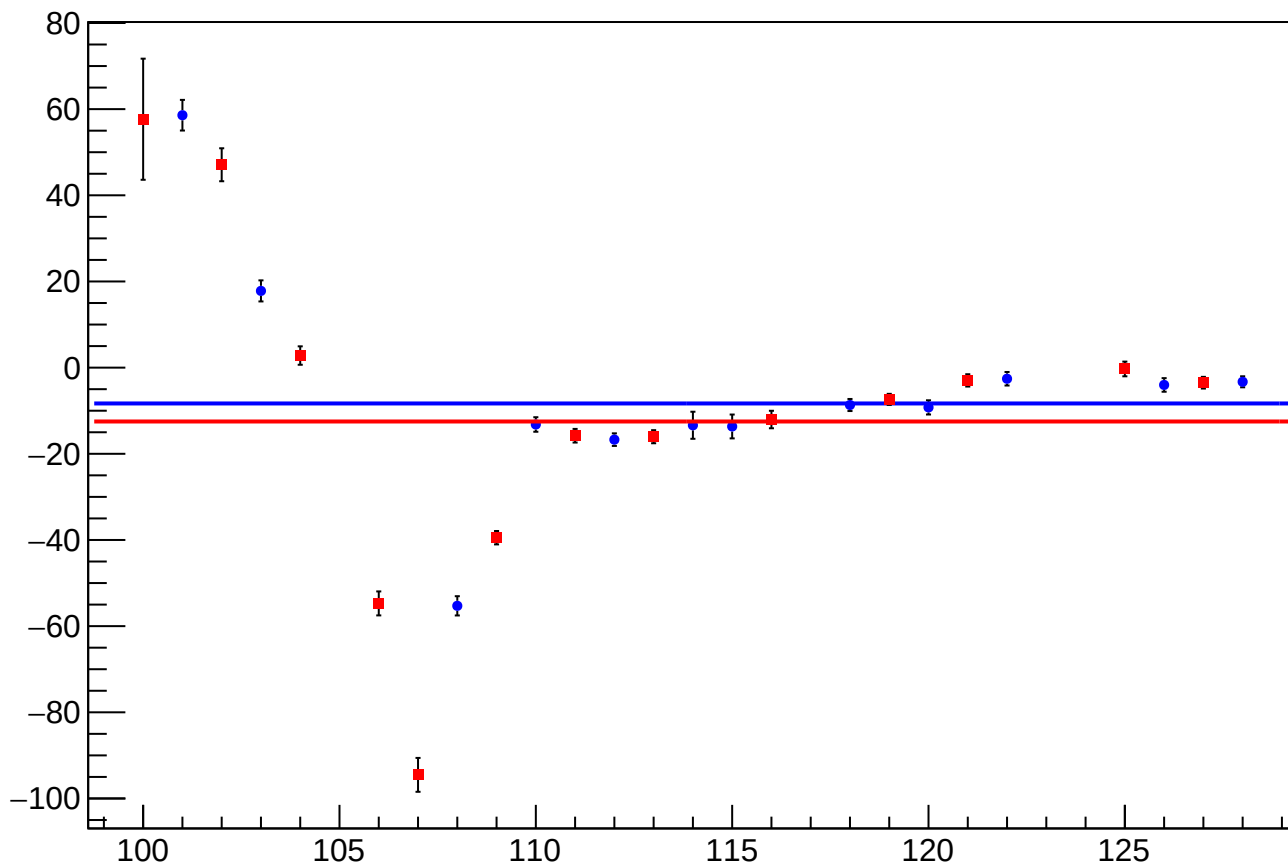
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.715+/-0.317 χ^2/NDF : 238.4/24

- 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: -8.315+/-0.513 χ^2/NDF : 993.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.500+/-0.503 χ^2/NDF : 1450.2/12

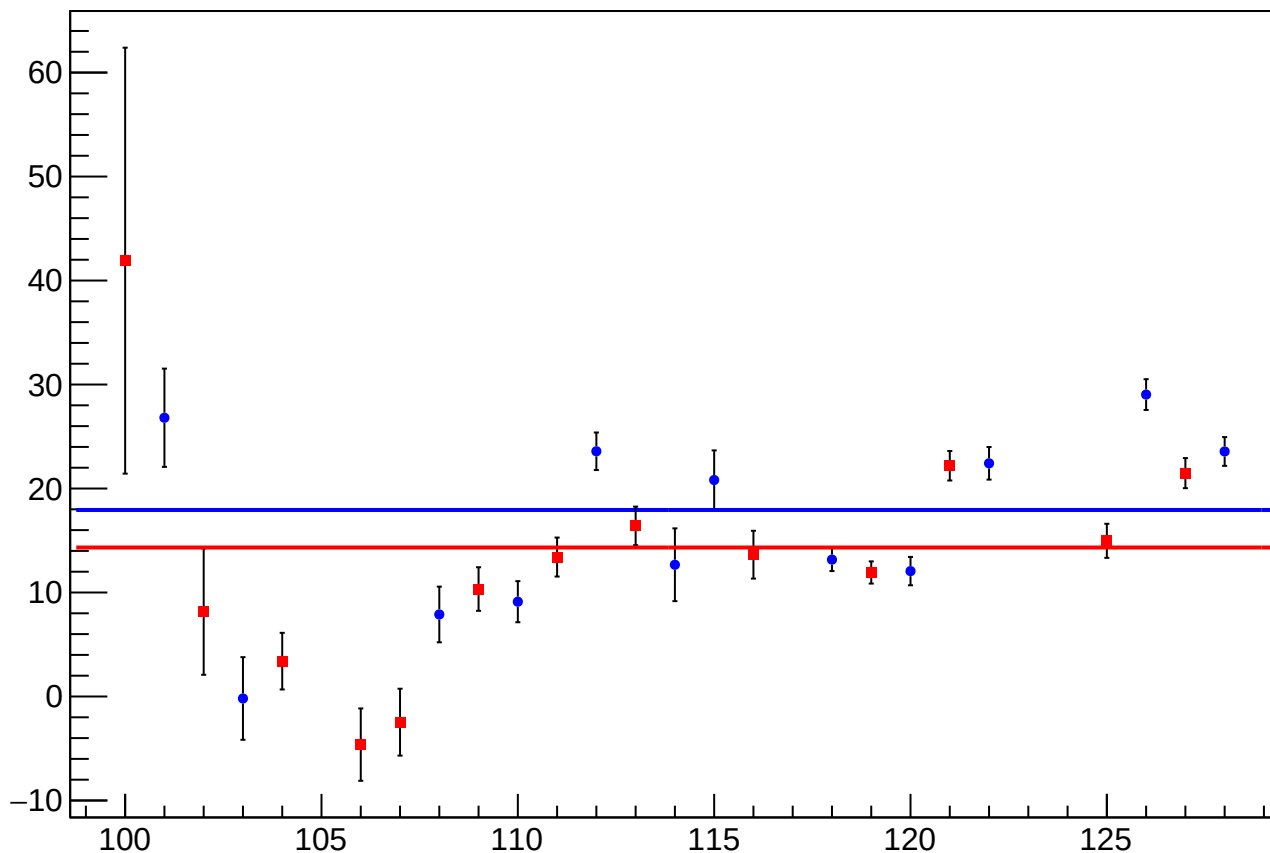
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.451+/-0.359 χ^2/NDF : 2477.6/24

- 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: 17.937 $\pm$ 0.515 χ^2 /NDF: 189.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.328 $\pm$ 0.530 χ^2 /NDF: 141.6/12

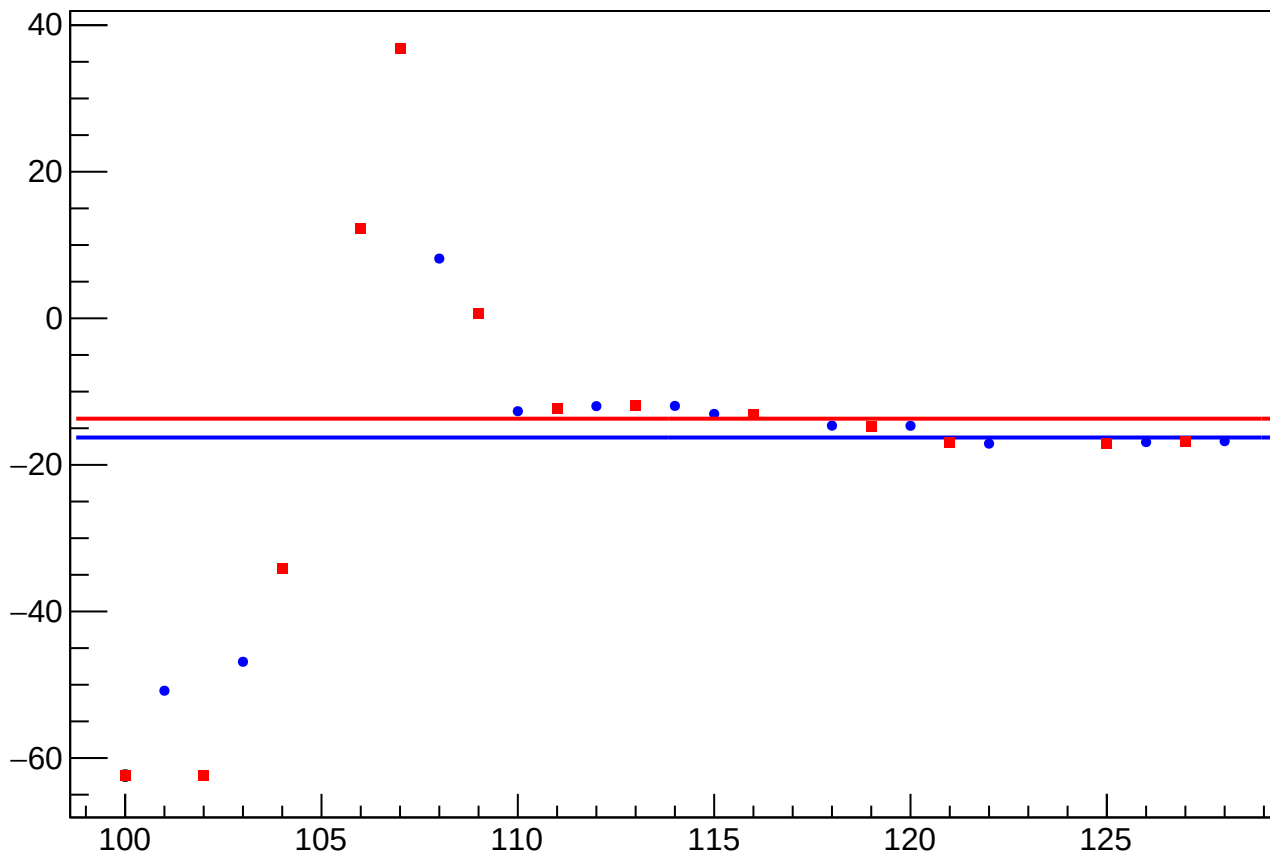
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.182 $\pm$ 0.369 χ^2 /NDF: 355.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_dd_diff_bpm12X_slope vs Slug



Right In: -16.264 $\pm$ 0.036 χ^2 /NDF: 190579.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -13.694 $\pm$ 0.036 χ^2 /NDF: 279999.1/12

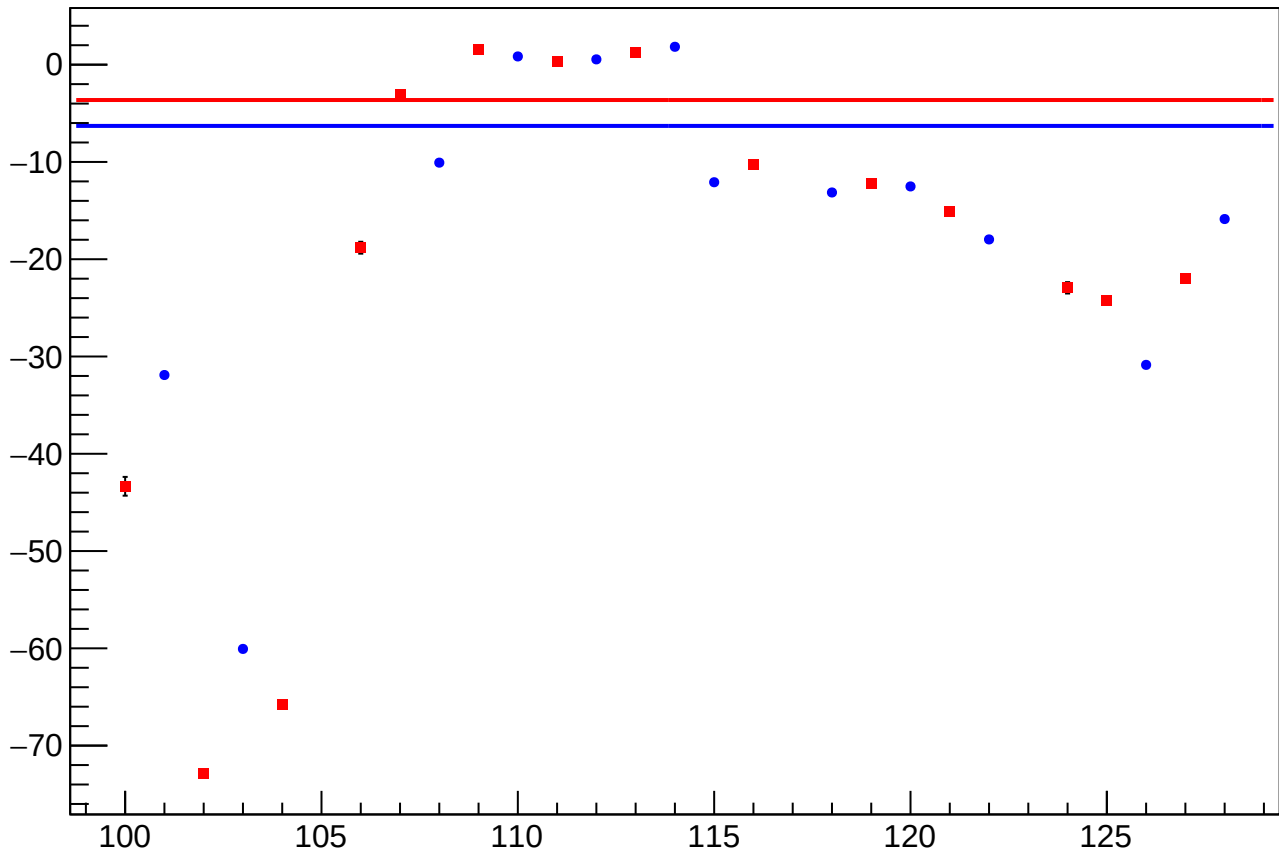
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.973 $\pm$ 0.025 χ^2 /NDF: 473145.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



Right In: -6.295+/-0.062 χ^2/NDF : 39578.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.634+/-0.051 χ^2/NDF : 60434.9/13

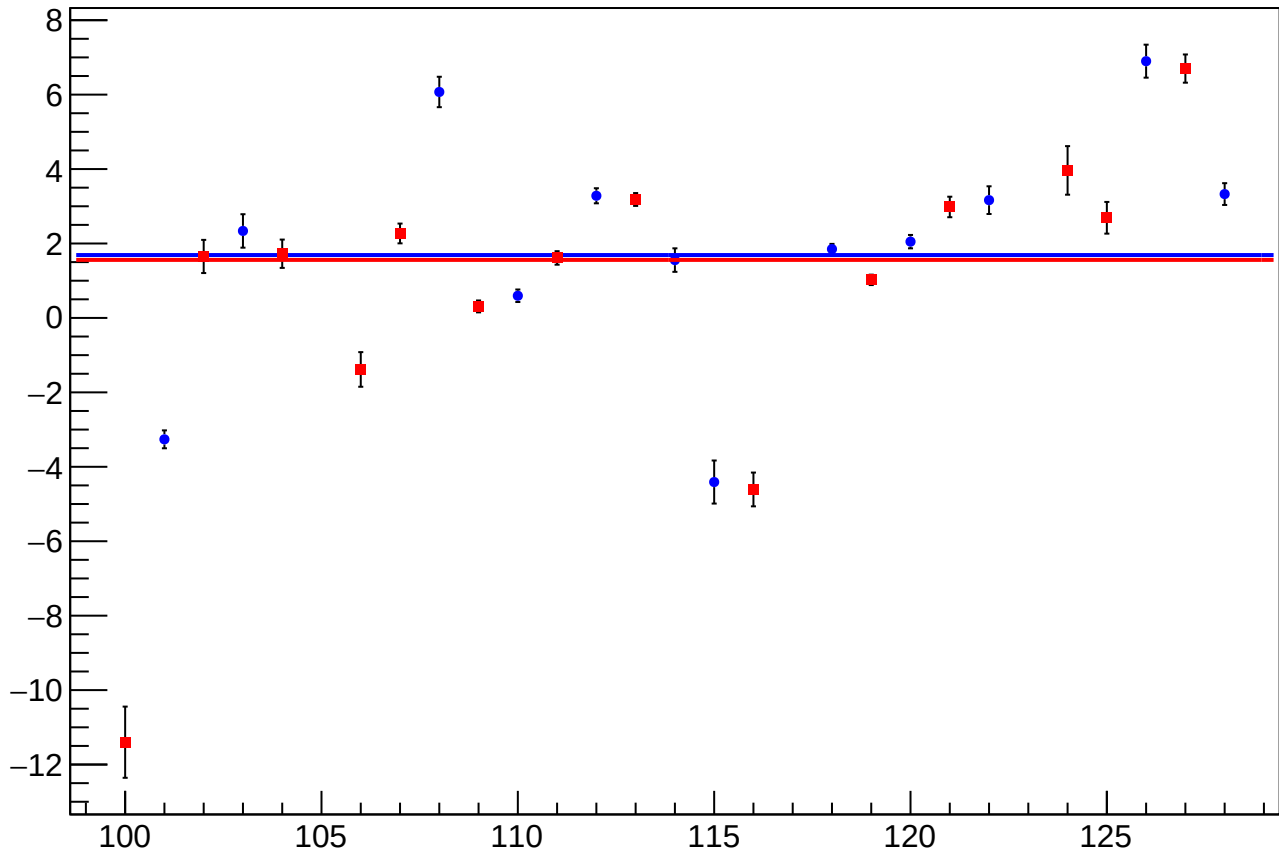
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.696+/-0.039 χ^2/NDF : 101112.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.690 $\pm$ 0.070 χ^2 /NDF: 946.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.559 $\pm$ 0.068 χ^2 /NDF: 811.4/13

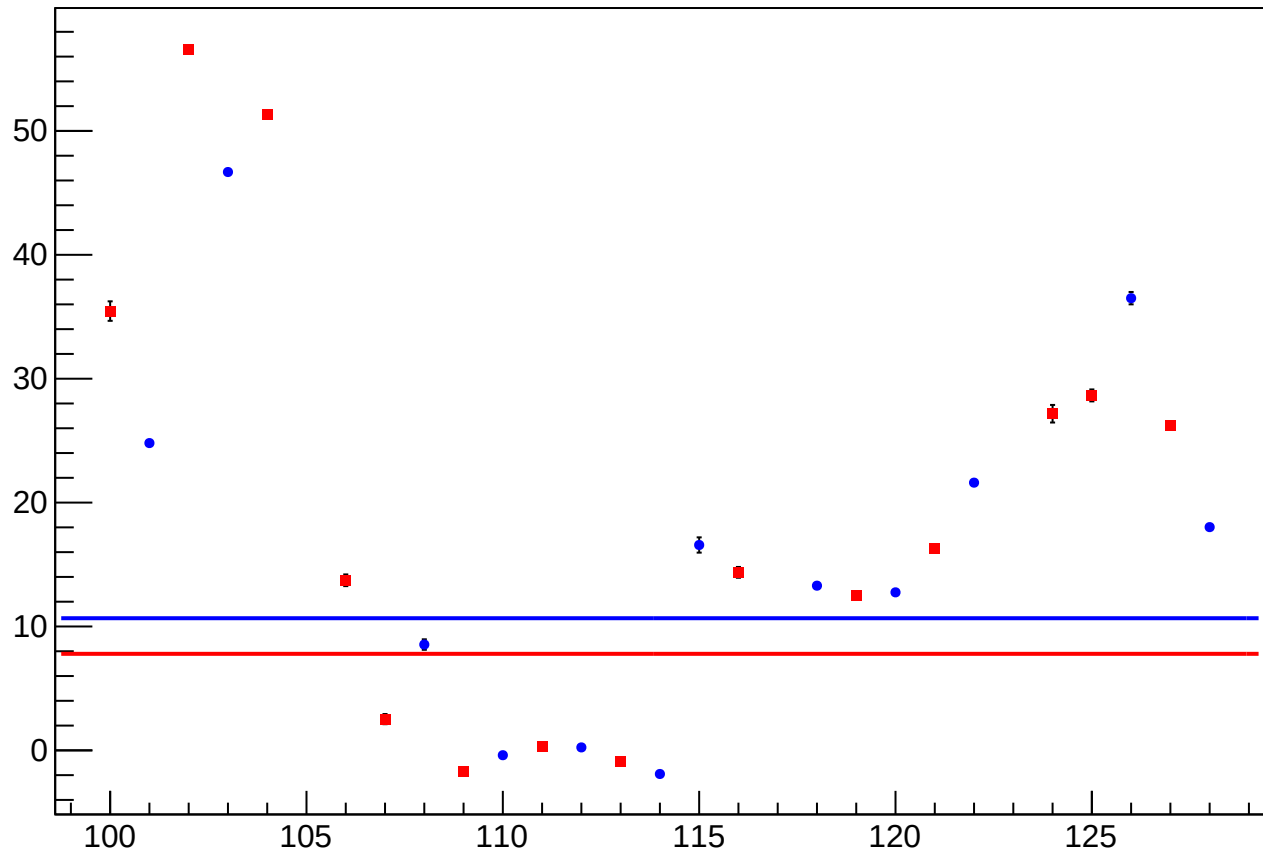
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.623 $\pm$ 0.048 χ^2 /NDF: 1760.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: 10.667 $\pm$ 0.077 χ^2 /NDF: 29372.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.792 $\pm$ 0.068 χ^2 /NDF: 50622.4/13

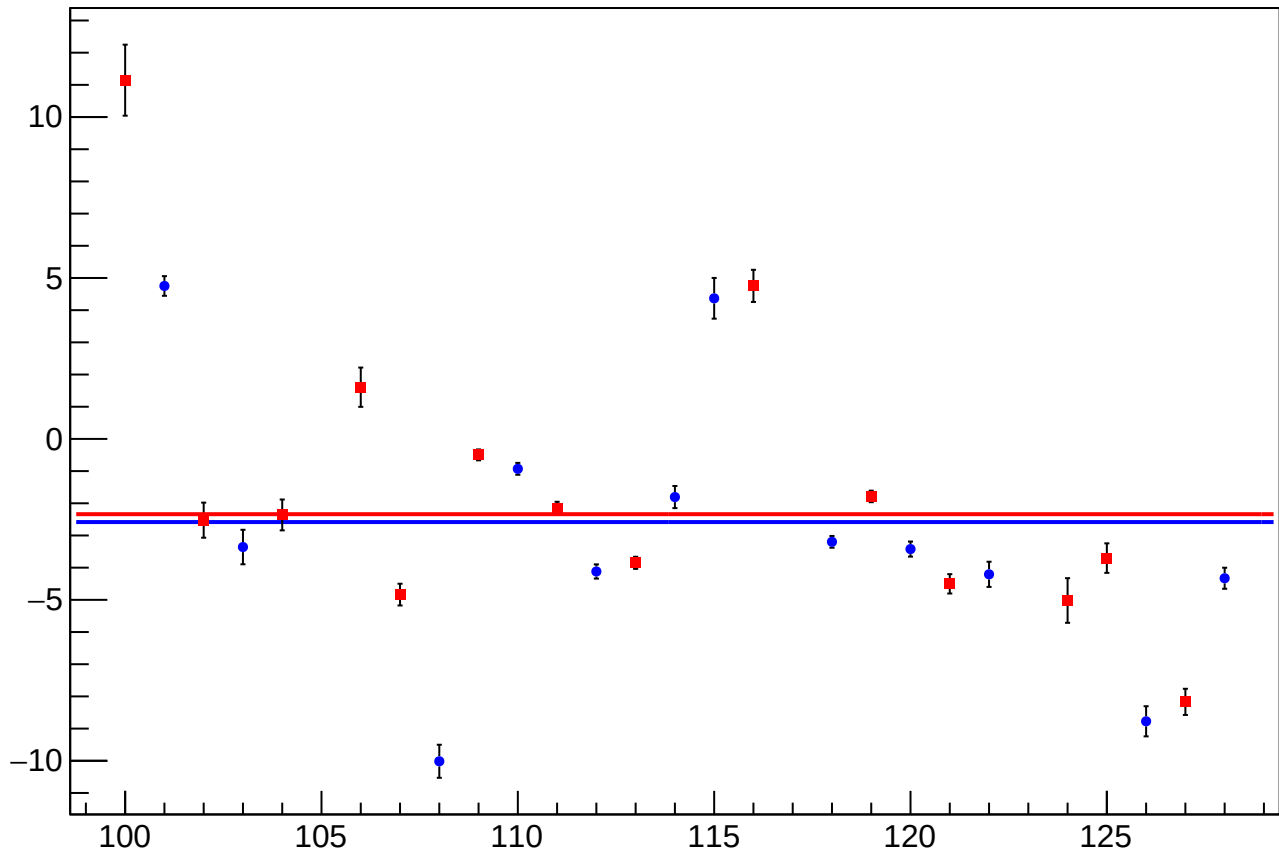
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.059 $\pm$ 0.051 χ^2 /NDF: 80780.1/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -2.583 ± 0.082 χ^2/NDF : 1287.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.338 ± 0.077 χ^2/NDF : 921.9/13

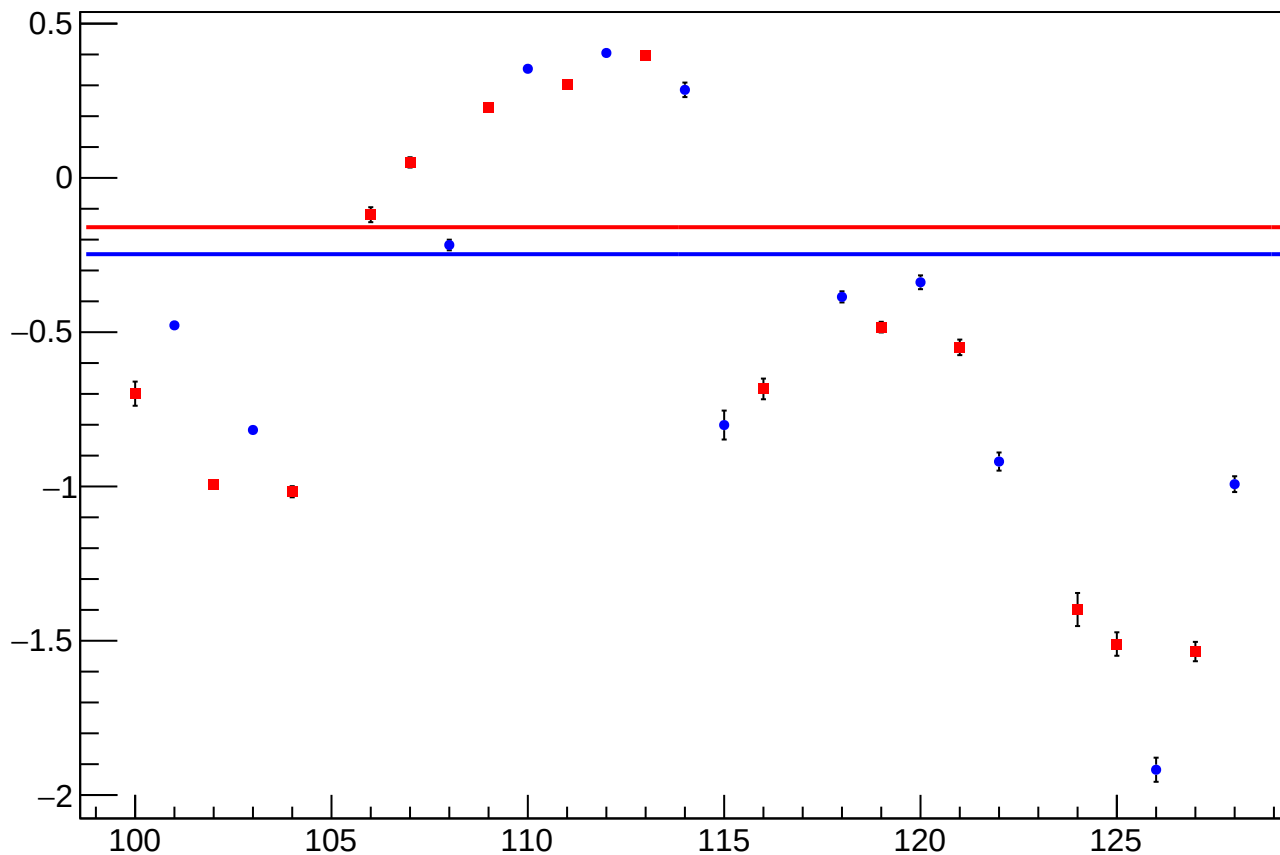
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.453 ± 0.056 χ^2/NDF : 2213.7/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: -0.247 ± 0.005 $\chi^2/\text{NDF}: 10141.1/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.160 ± 0.005 $\chi^2/\text{NDF}: 14986.7/13$

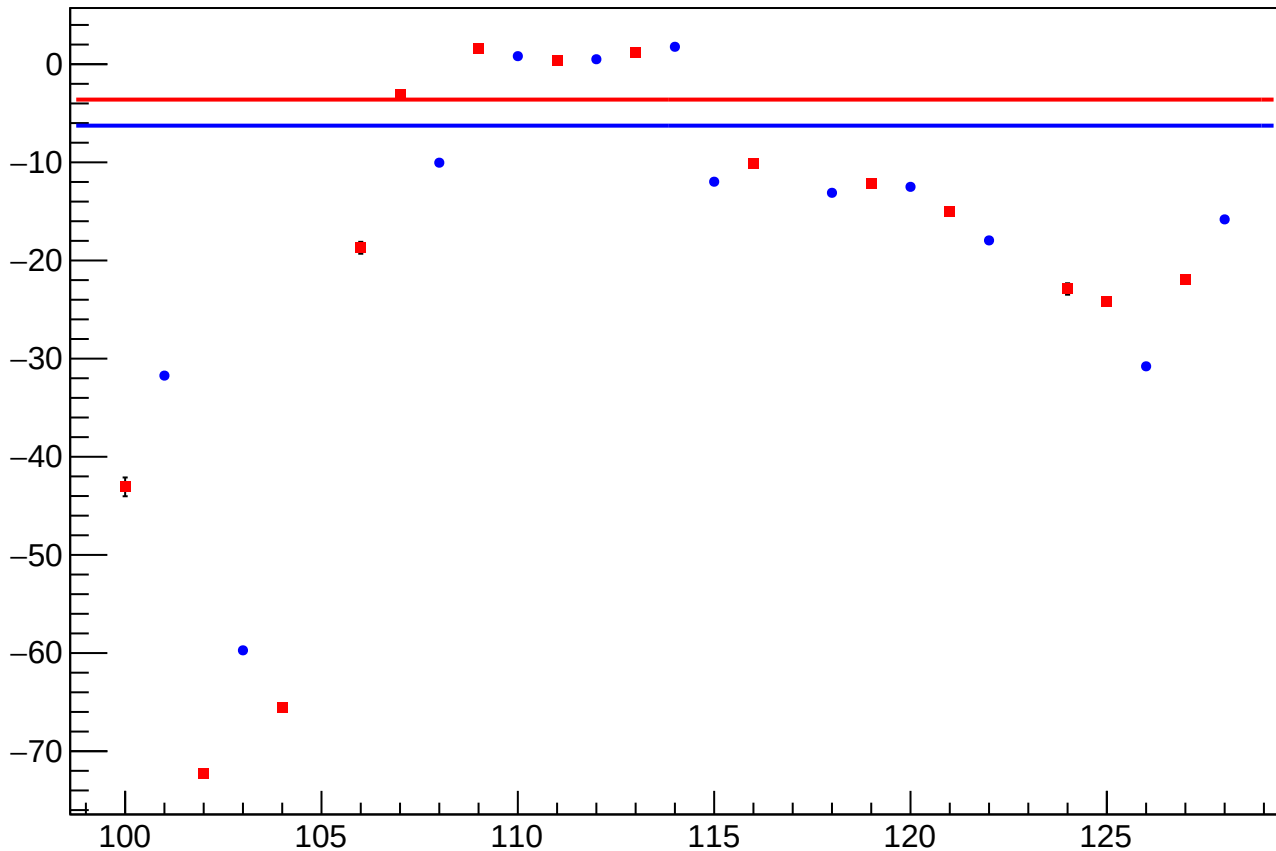
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.199 ± 0.004 $\chi^2/\text{NDF}: 25277.7/25$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



Right In: -6.261+/-0.062 χ^2/NDF : 39575.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.606+/-0.050 χ^2/NDF : 60430.8/13

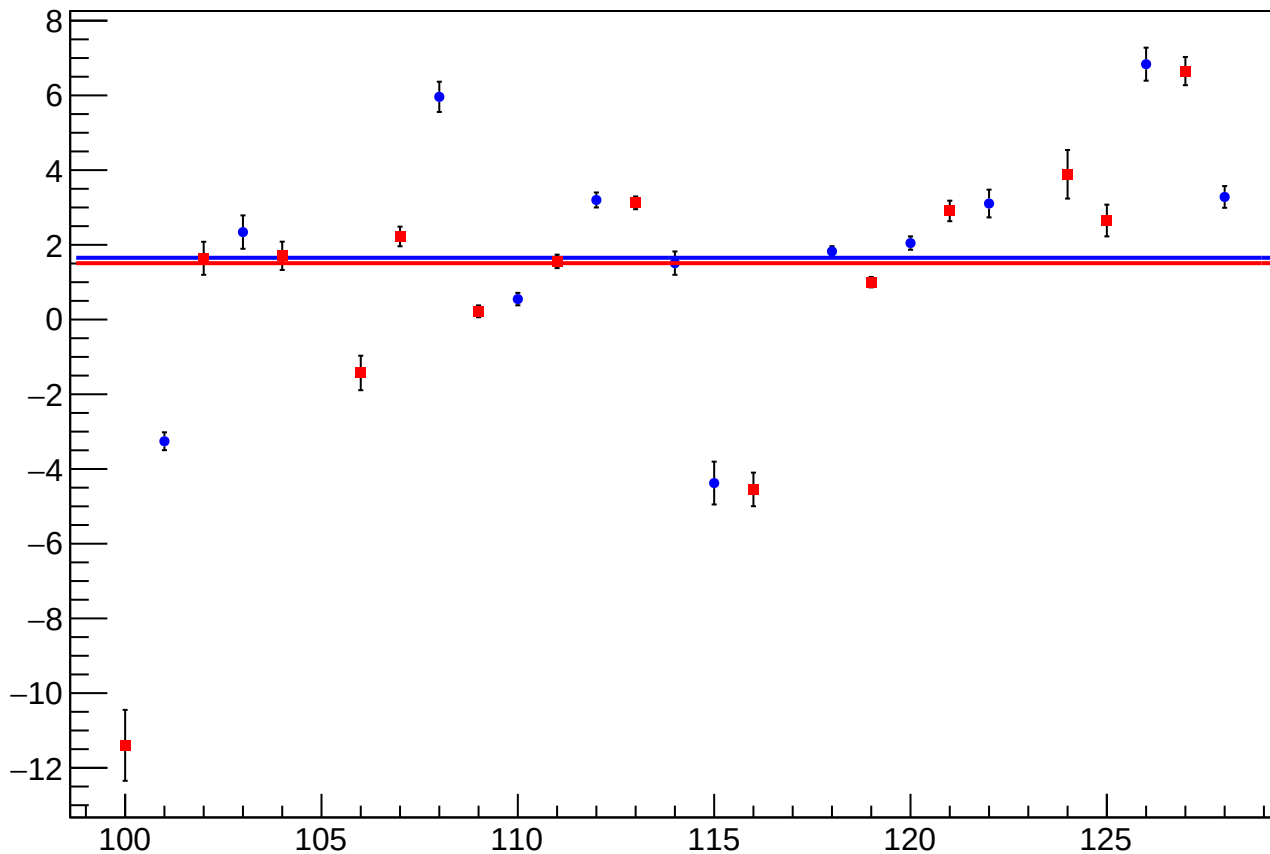
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.666+/-0.039 χ^2/NDF : 101114.9/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.654 $\pm$ 0.069 χ^2 /NDF: 941.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.509 $\pm$ 0.067 χ^2 /NDF: 815.0/13

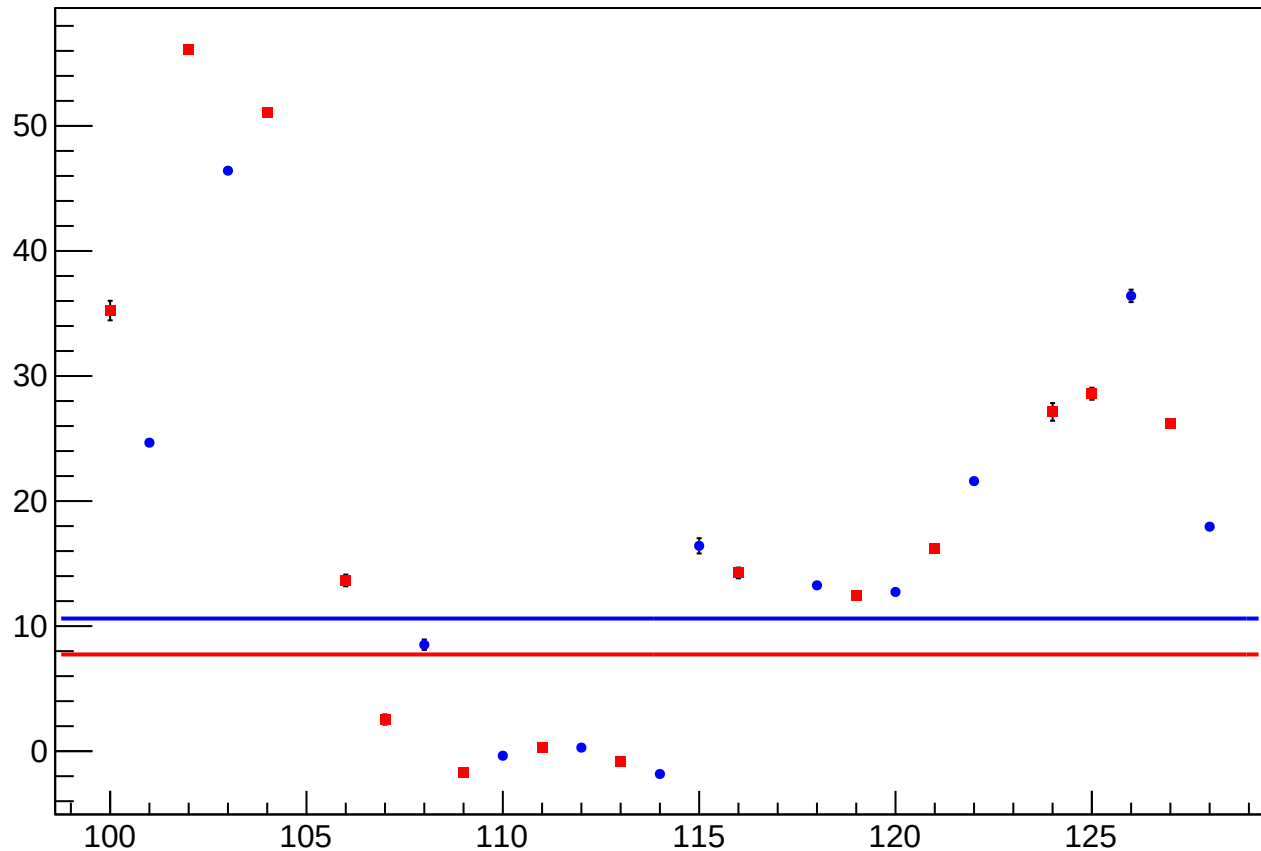
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.579 $\pm$ 0.048 χ^2 /NDF: 1758.5/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: 10.607+/-0.076 χ^2/NDF : 29370.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.735+/-0.068 χ^2/NDF : 50633.5/13

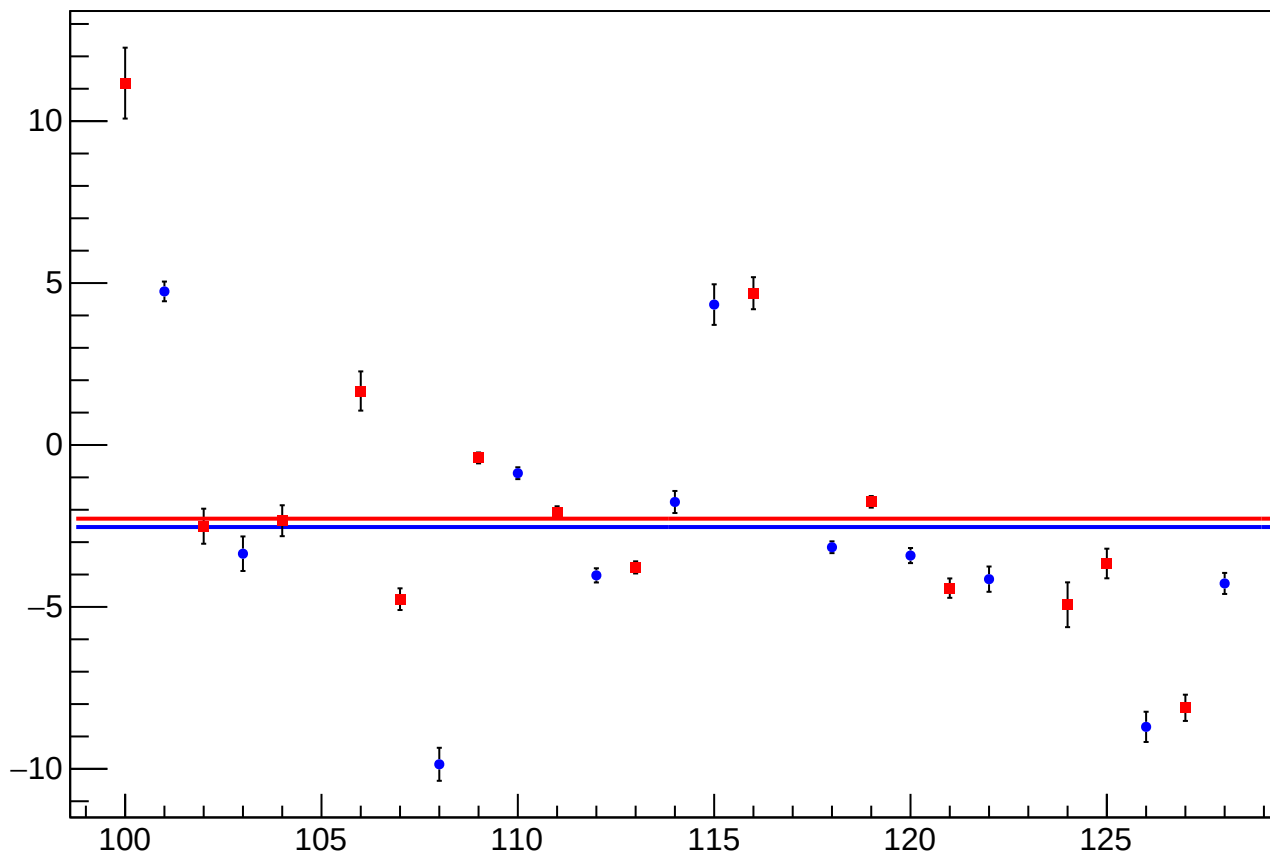
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.000+/-0.051 χ^2/NDF : 80798.4/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -2.534+/-0.082 χ^2/NDF : 1282.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.275+/-0.077 χ^2/NDF : 928.2/13

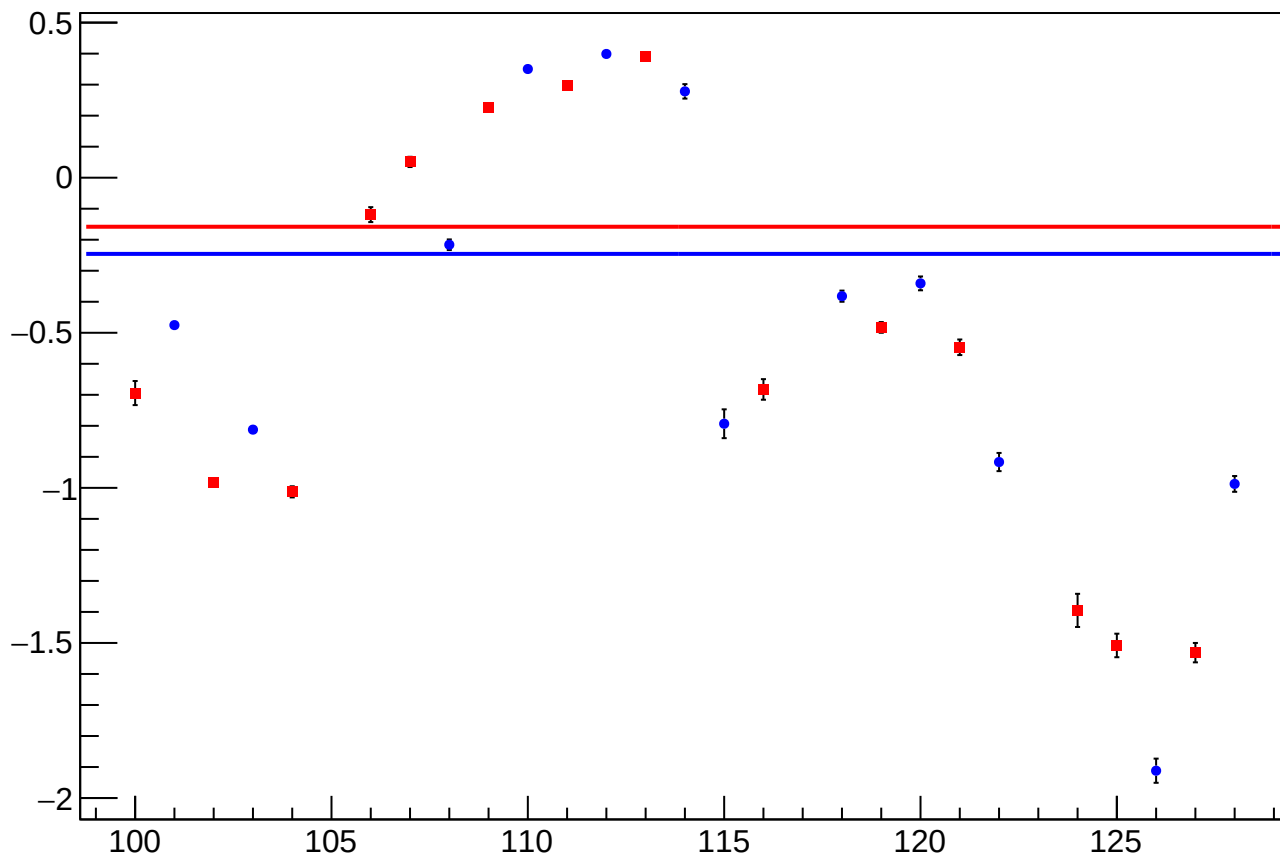
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.396+/-0.056 χ^2/NDF : 2216.2/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: -0.246+/-0.005 χ^2 /NDF: 10123.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.158+/-0.005 χ^2 /NDF: 15001.6/13

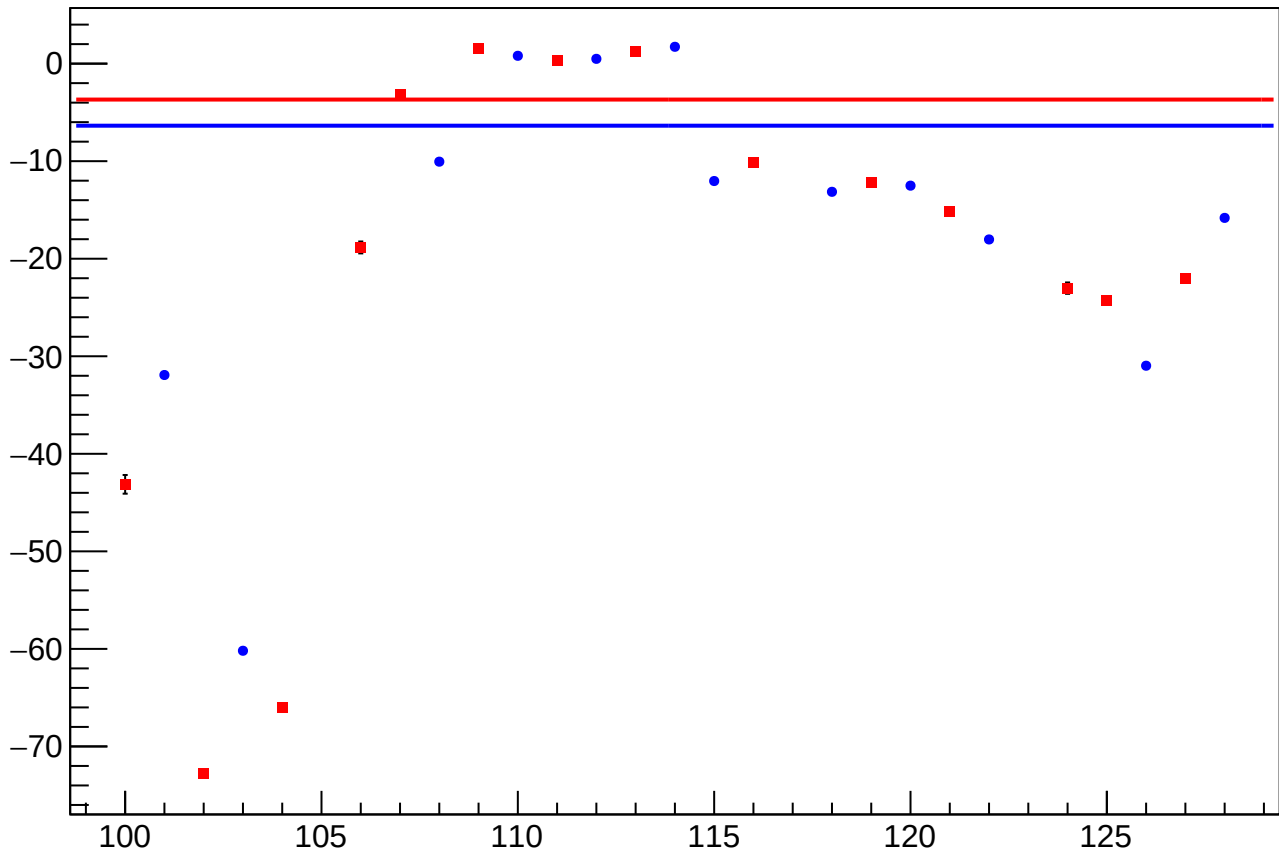
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.197+/-0.004 χ^2 /NDF: 25276.8/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



Right In: -6.363 ± 0.062 χ^2/NDF : 39489.1/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.684 ± 0.051 χ^2/NDF : 60355.9/13

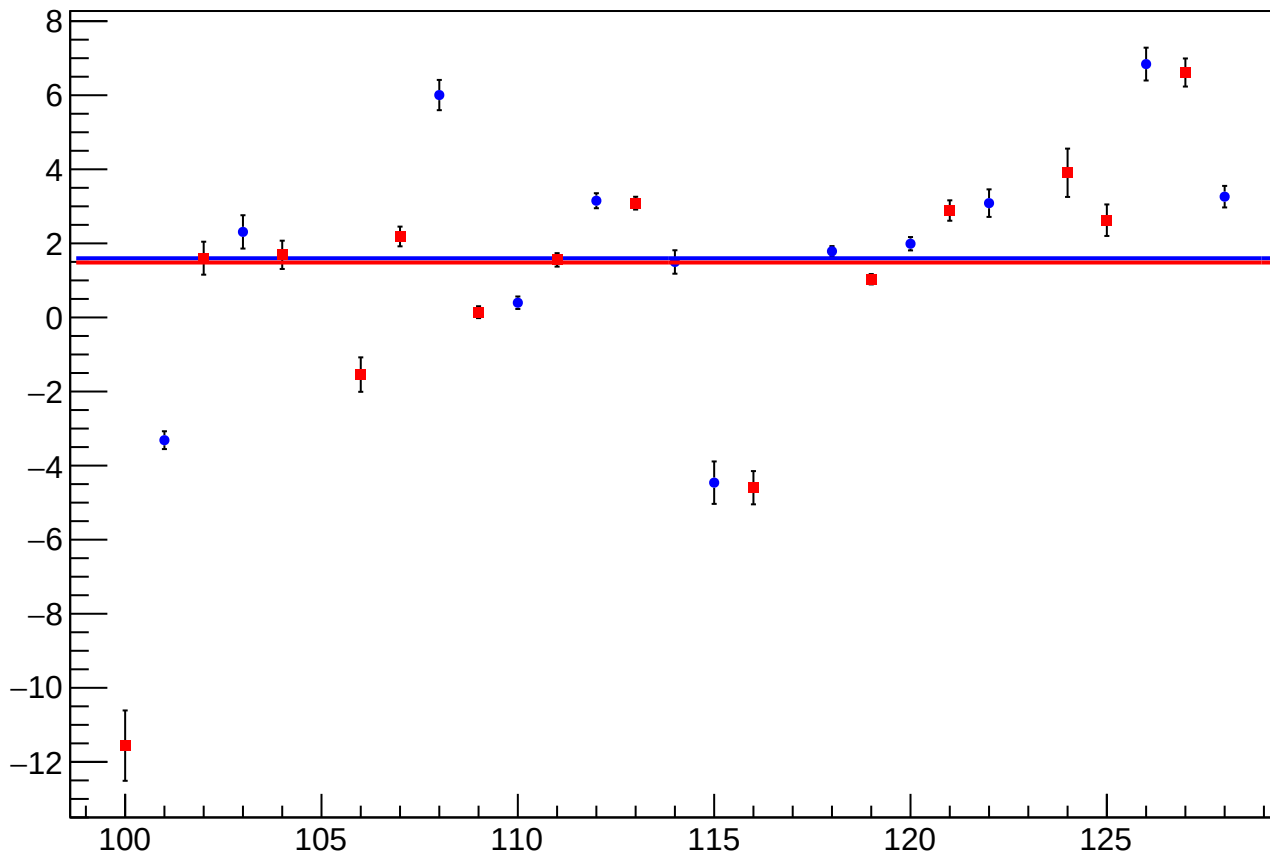
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.754 ± 0.039 χ^2/NDF : 100956.0/25

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.598 $\pm$ 0.069 χ^2 /NDF: 952.3/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.483 $\pm$ 0.068 χ^2 /NDF: 818.5/13

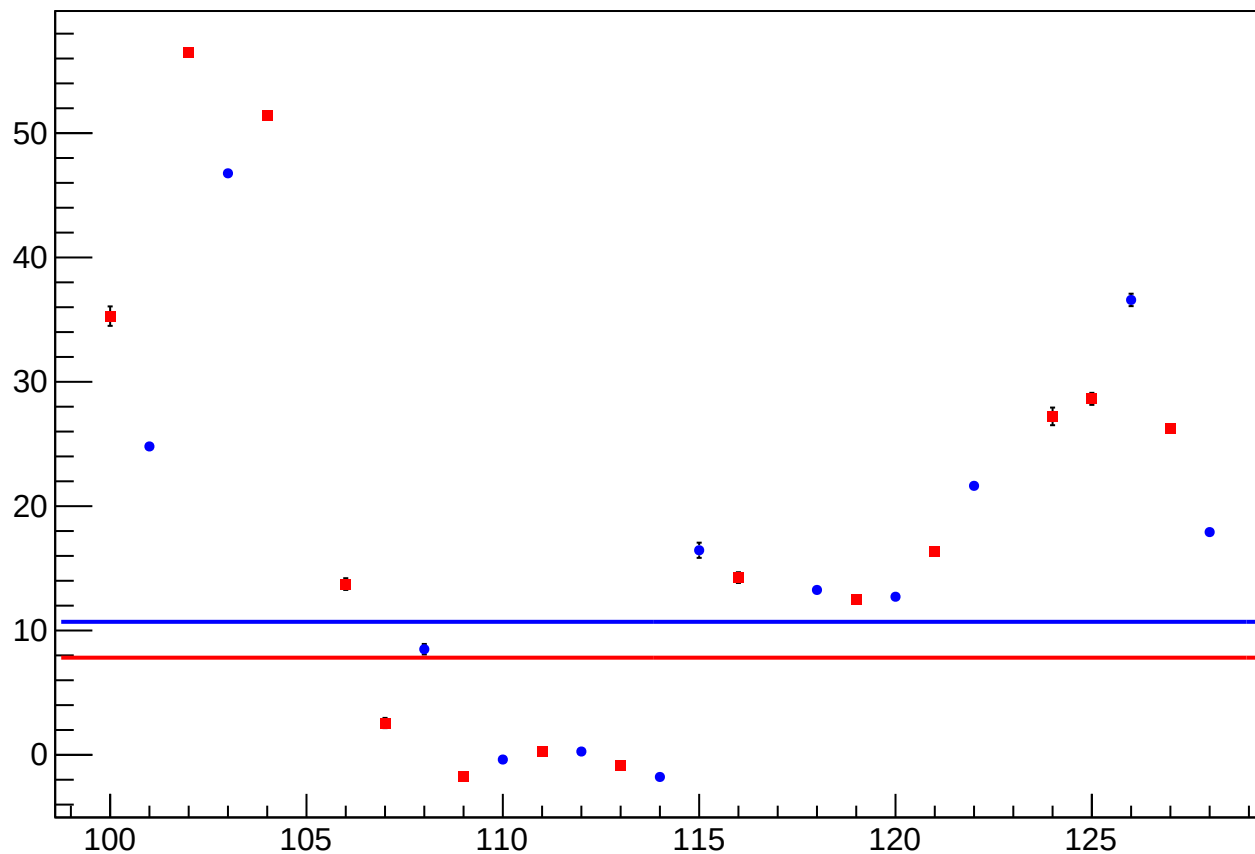
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.539 $\pm$ 0.048 χ^2 /NDF: 1772.2/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: 10.700+/-0.077 χ^2/NDF : 29289.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.816+/-0.068 χ^2/NDF : 50555.5/13

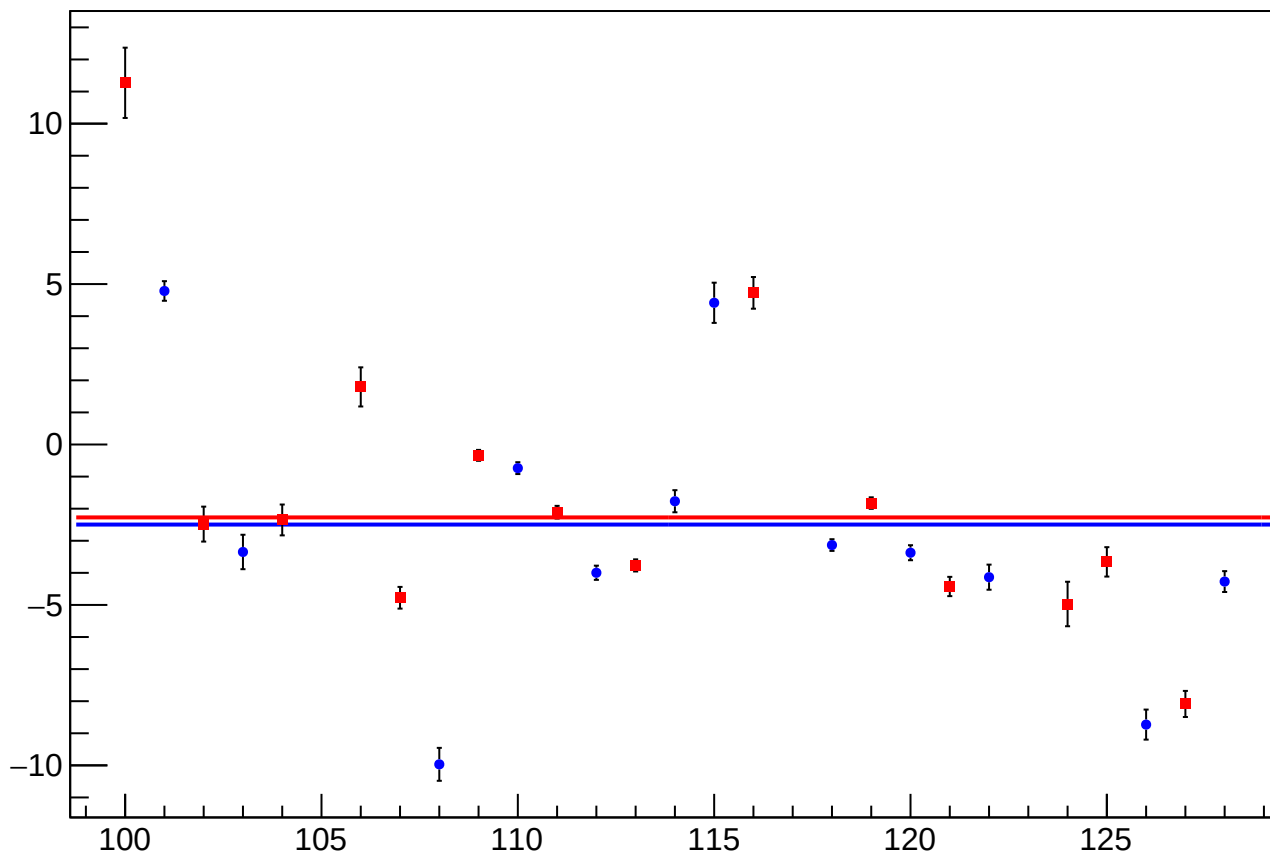
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.088+/-0.051 χ^2/NDF : 80633.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -2.495+/-0.082 χ^2/NDF : 1295.8/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.272+/-0.077 χ^2/NDF : 932.4/13

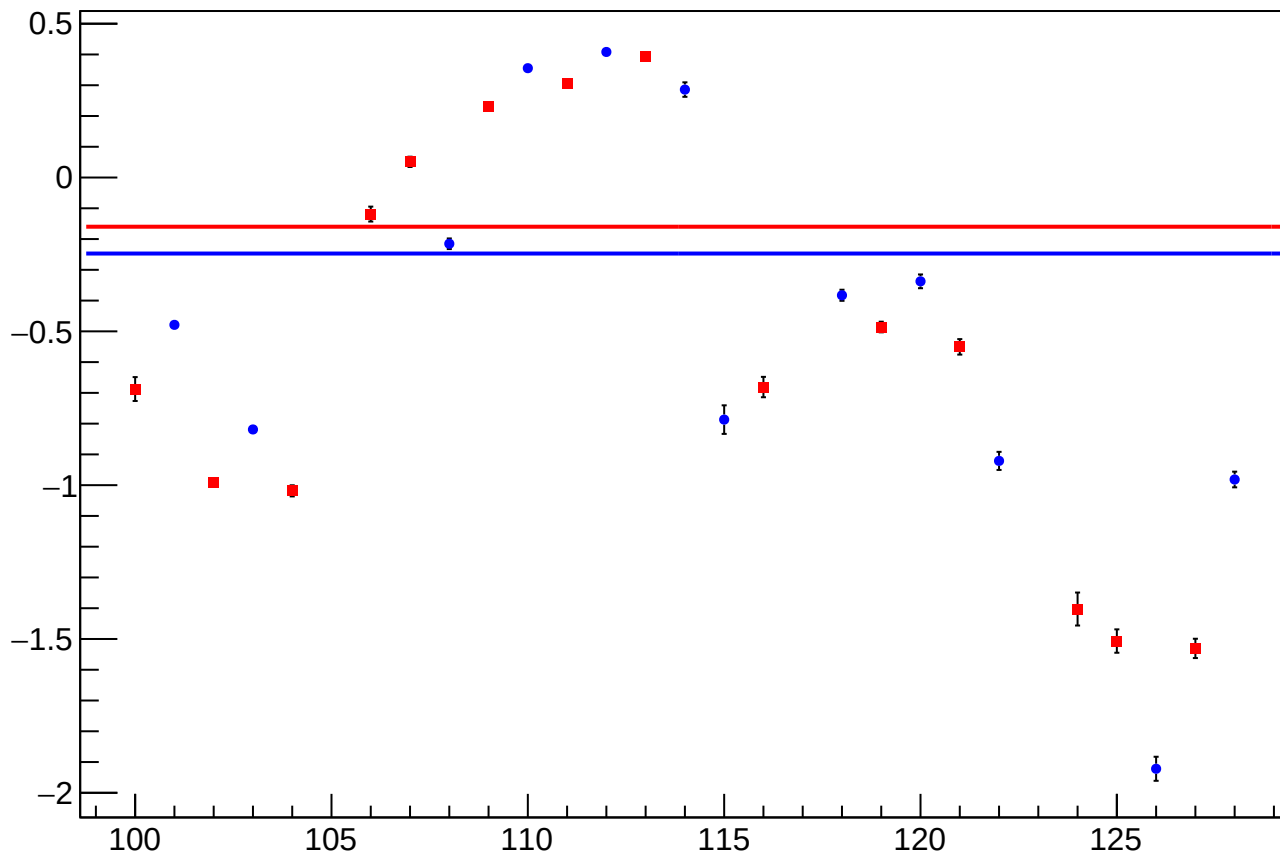
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.377+/-0.056 χ^2/NDF : 2232.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: -0.247 ± 0.005 $\chi^2/\text{NDF}: 10155.1/11$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.160 ± 0.005 $\chi^2/\text{NDF}: 14975.8/13$

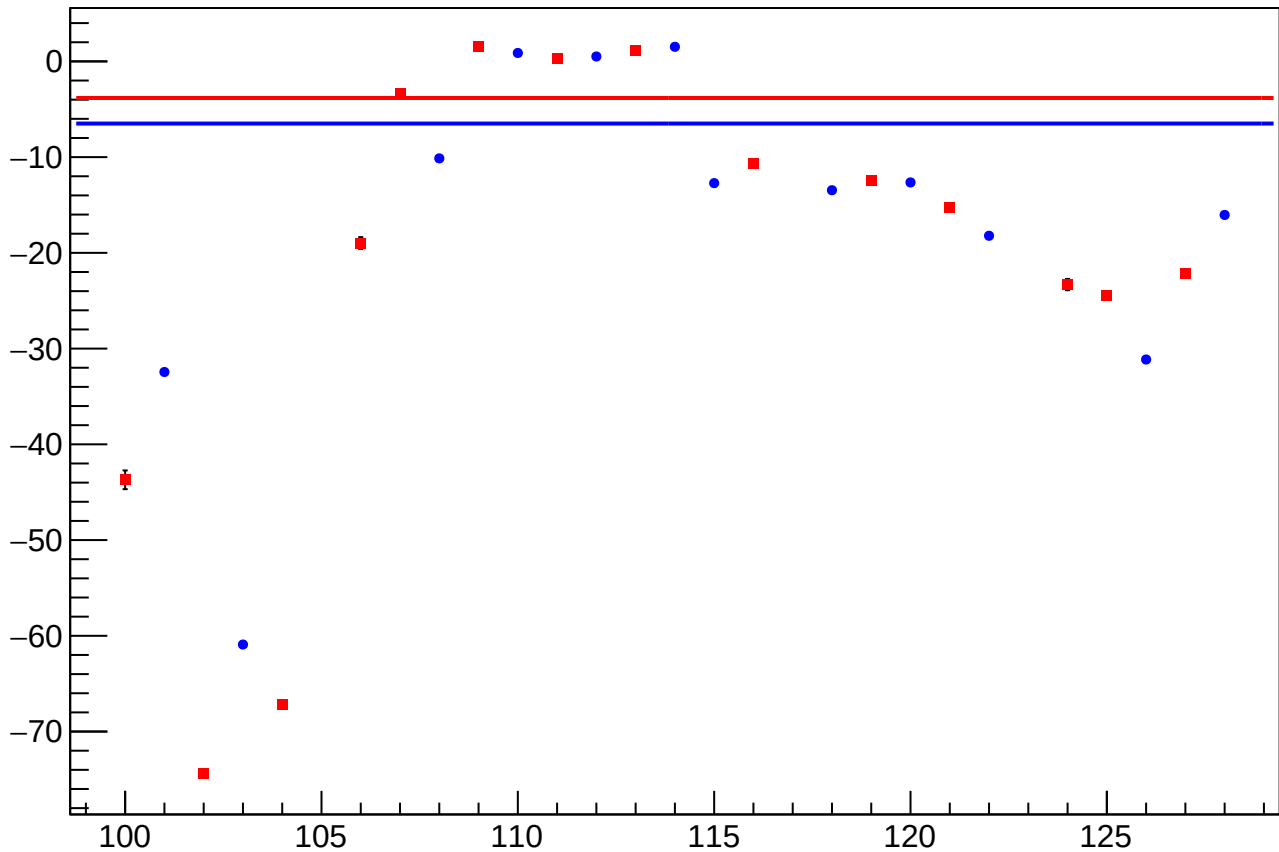
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.199 ± 0.004 $\chi^2/\text{NDF}: 25279.7/25$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



Right In: -6.493+/-0.064 χ^2/NDF : 39016.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.821+/-0.052 χ^2/NDF : 59848.1/13

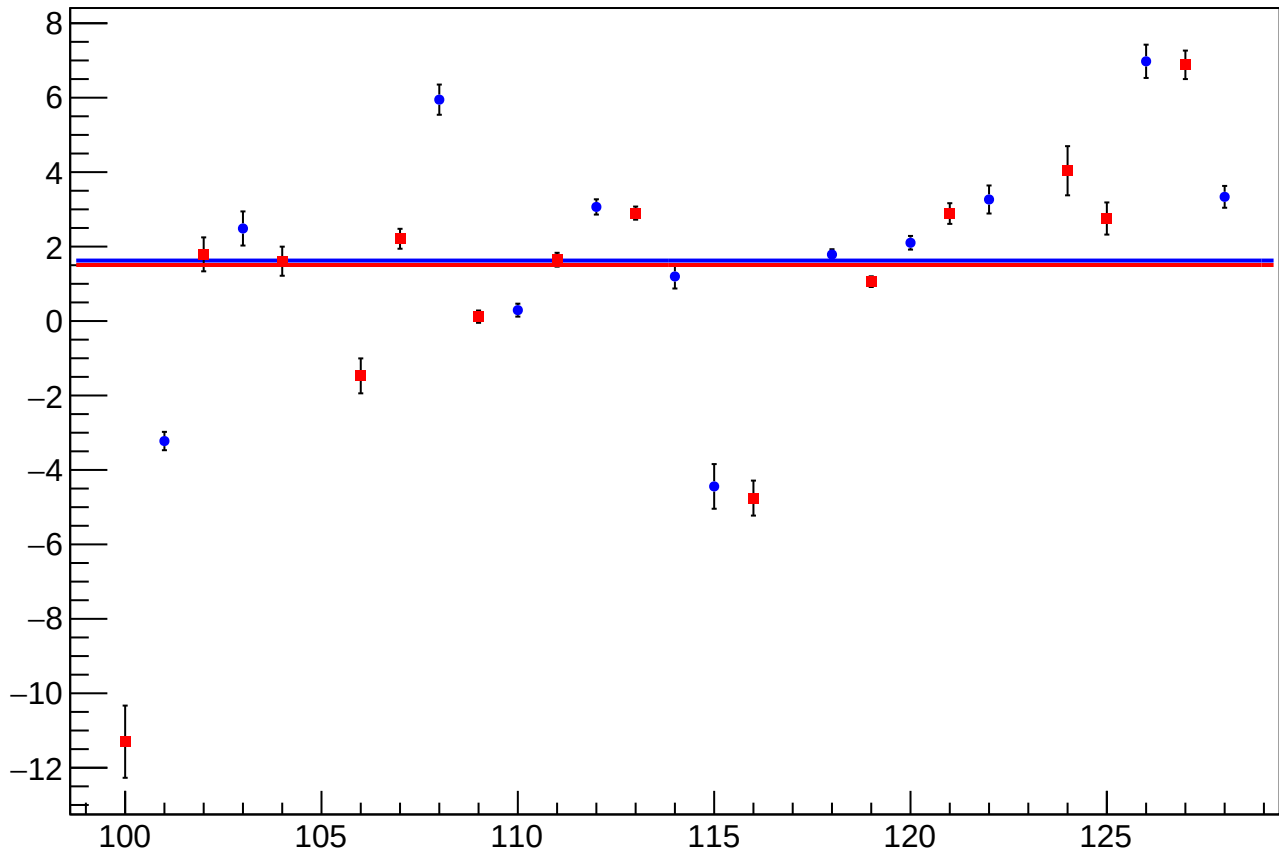
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.894+/-0.040 χ^2/NDF : 99922.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.625+/-0.071 χ^2/NDF : 920.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.505+/-0.069 χ^2/NDF : 788.4/13

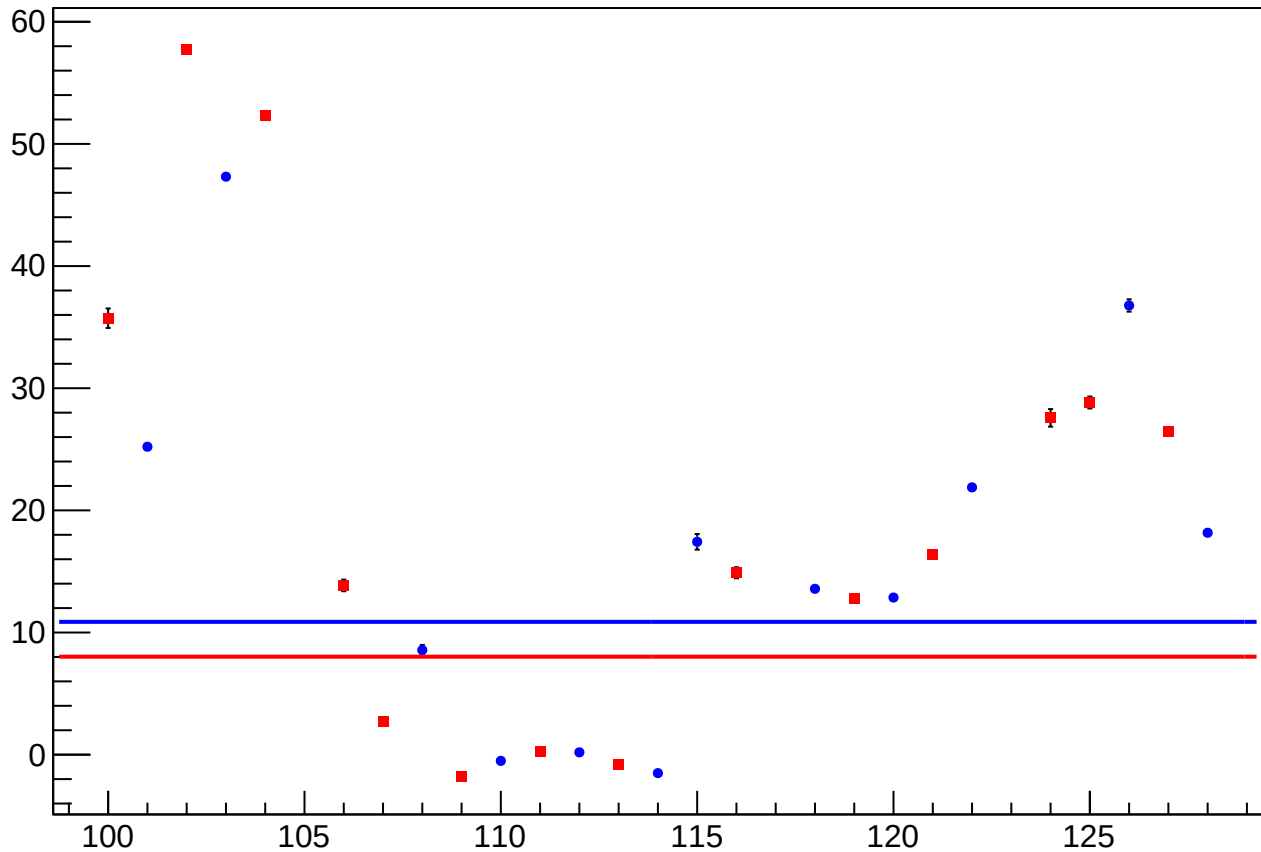
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.564+/-0.049 χ^2/NDF : 1710.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: 10.873+/-0.078 χ^2/NDF : 28969.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.022+/-0.070 χ^2/NDF : 50113.0/13

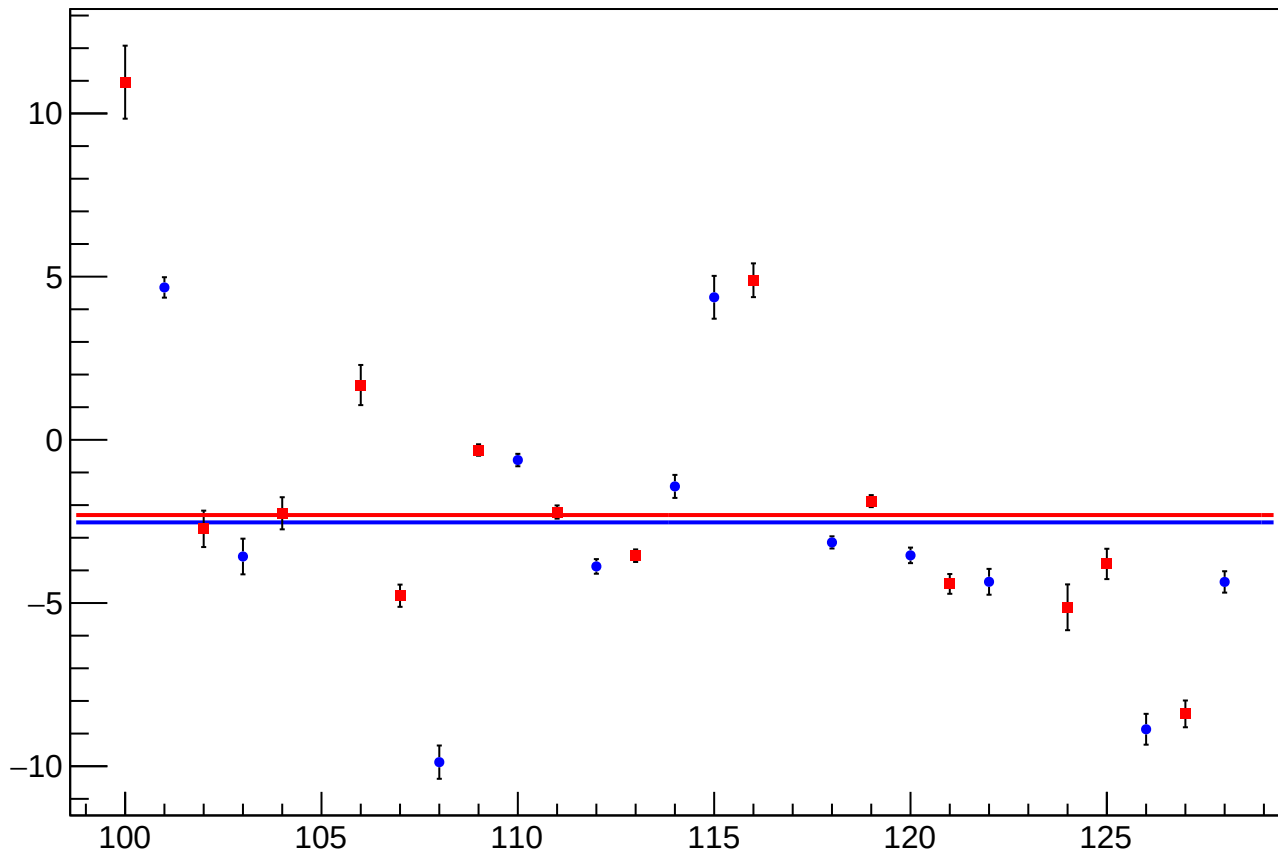
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.283+/-0.052 χ^2/NDF : 79821.8/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -2.529+/-0.084 χ^2/NDF : 1258.1/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.304+/-0.079 χ^2/NDF : 901.7/13

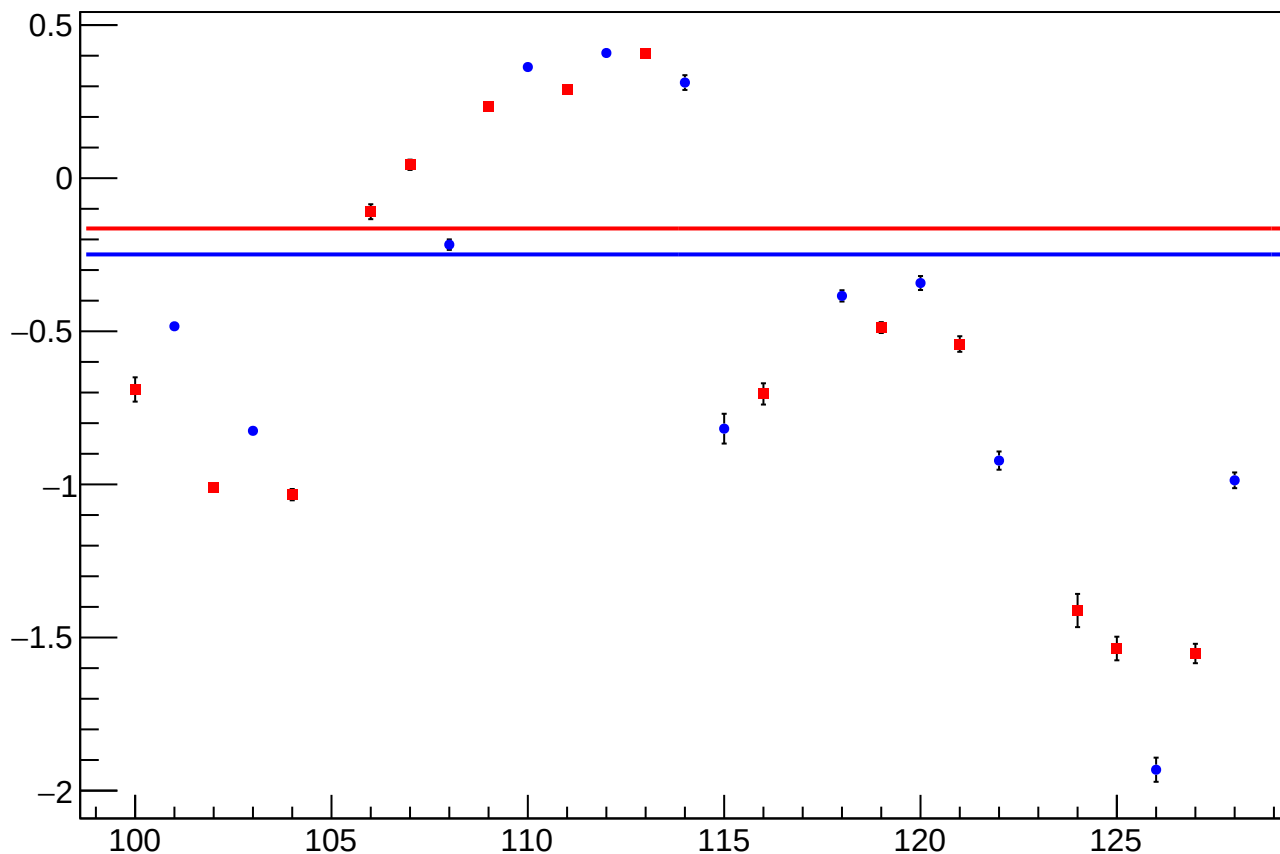
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.410+/-0.058 χ^2/NDF : 2163.6/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: -0.249+/-0.005 χ^2 /NDF: 10010.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.164+/-0.005 χ^2 /NDF: 14763.1/13

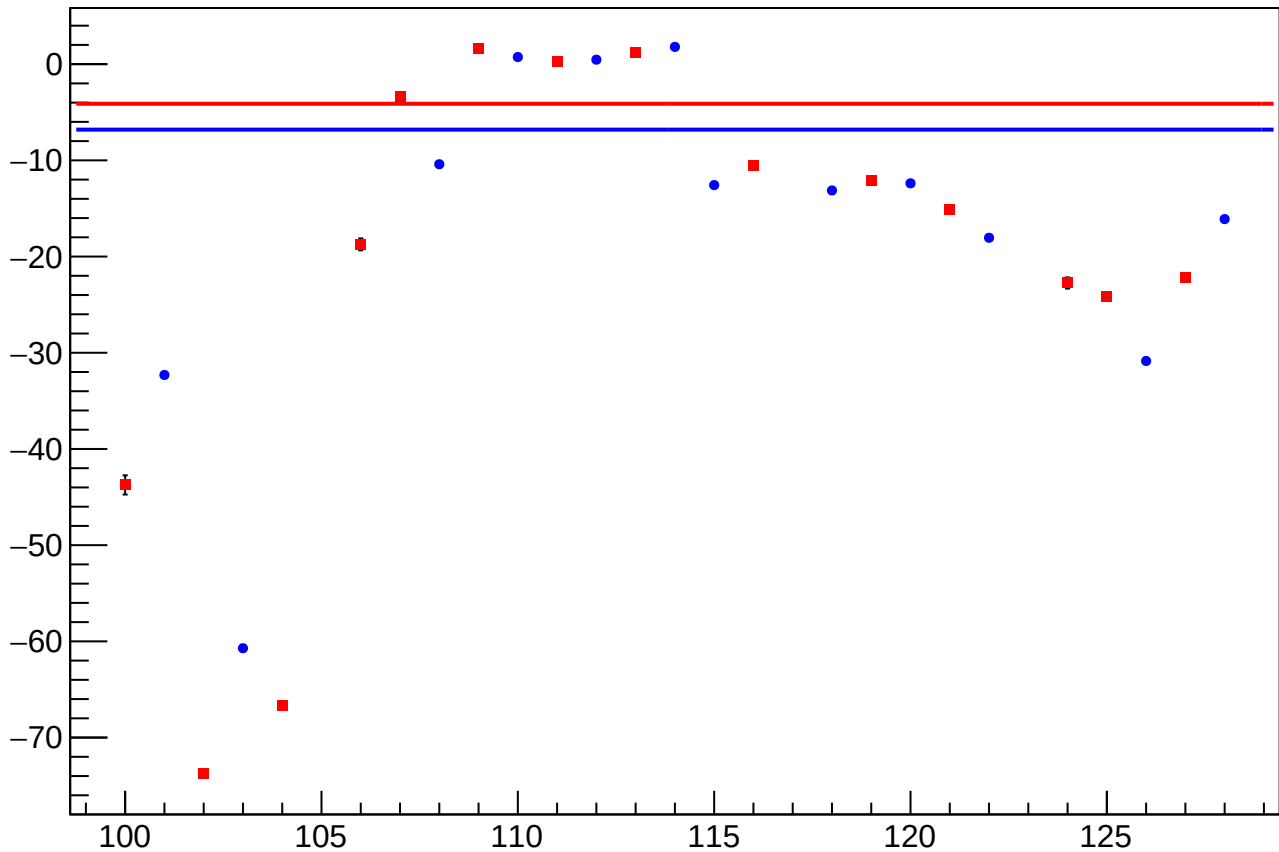
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.202+/-0.004 χ^2 /NDF: 24908.8/25

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



Right In: -6.806+/-0.065 χ^2/NDF : 37836.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.117+/-0.054 χ^2/NDF : 58406.6/13

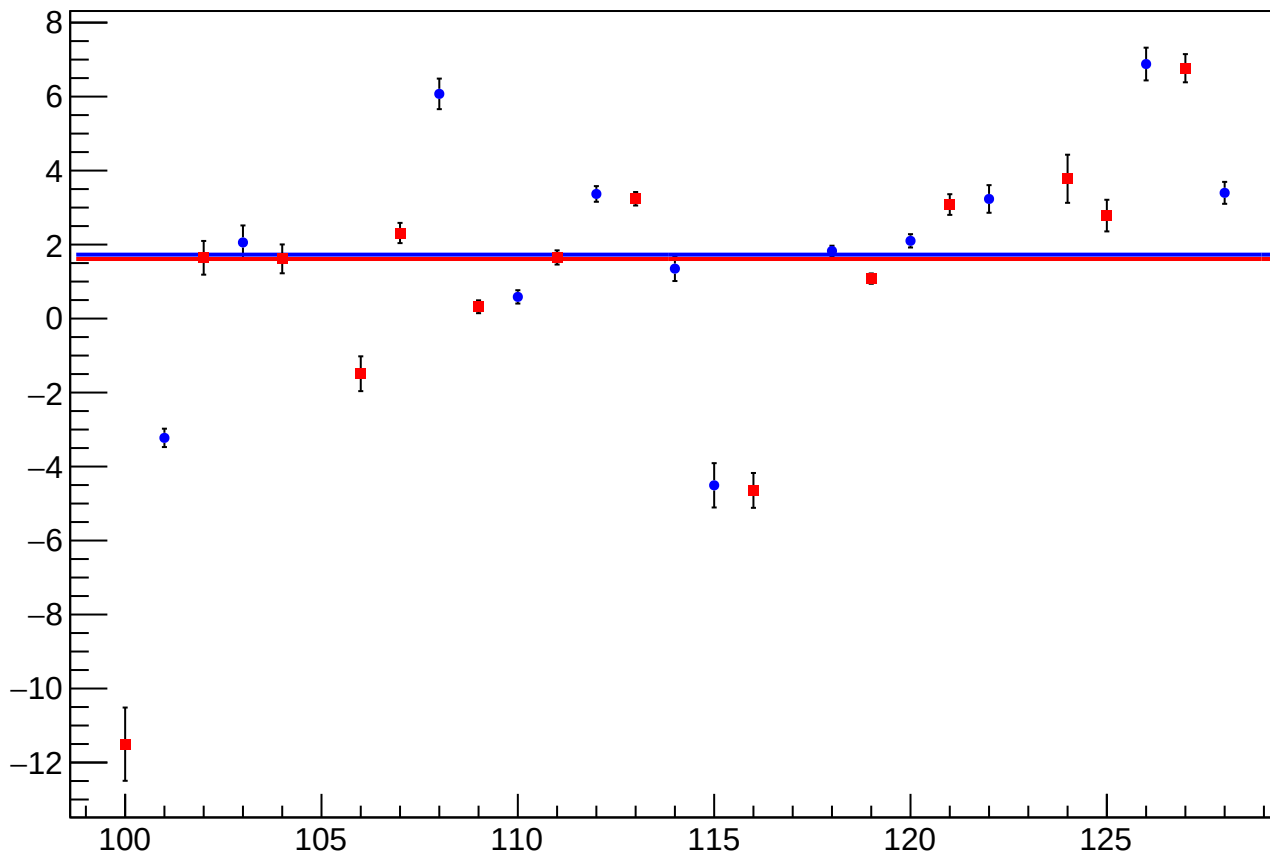
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.208+/-0.041 χ^2/NDF : 97262.5/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.728 $\pm$ 0.071 χ^2 /NDF: 907.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.610 $\pm$ 0.070 χ^2 /NDF: 780.7/13

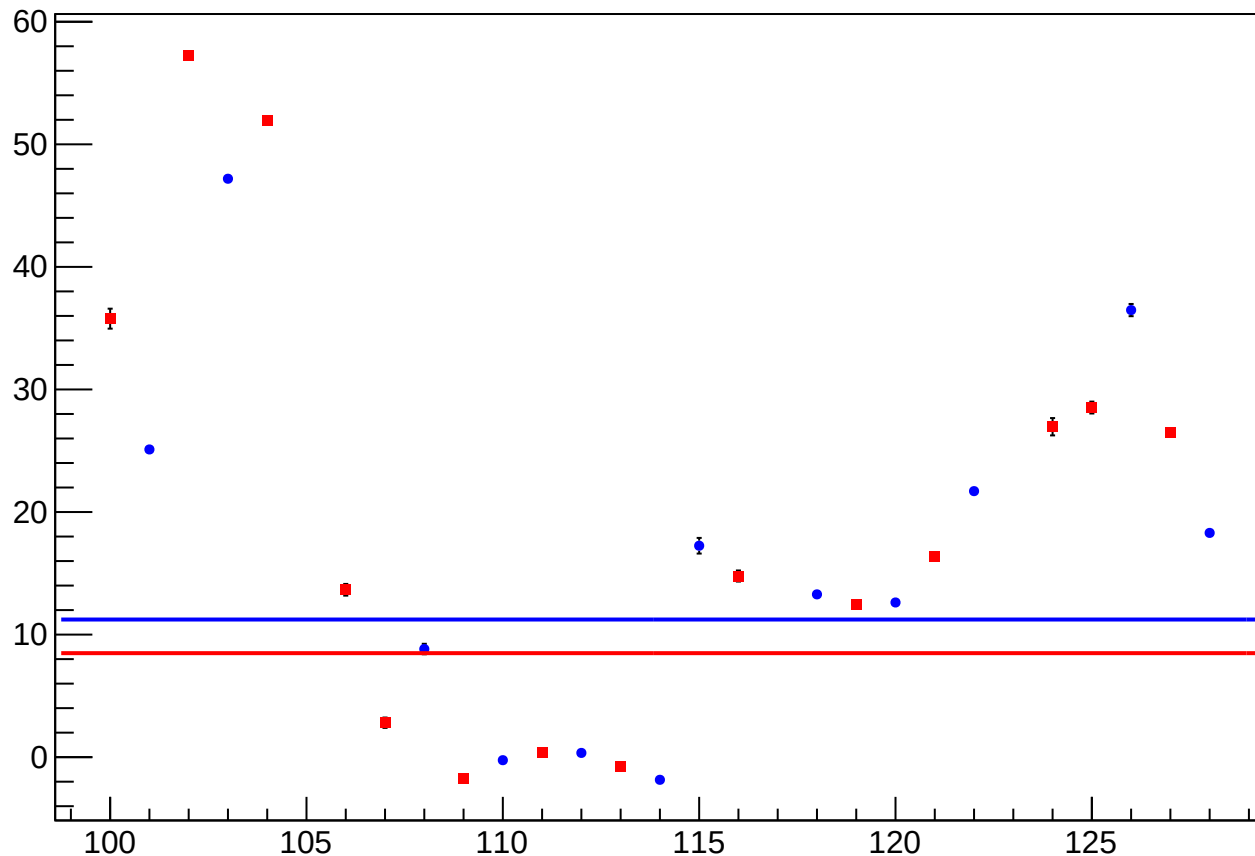
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.668 $\pm$ 0.050 χ^2 /NDF: 1689.3/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: 11.230+/-0.080 χ^2/NDF : 27791.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.486+/-0.071 χ^2/NDF : 48384.9/13

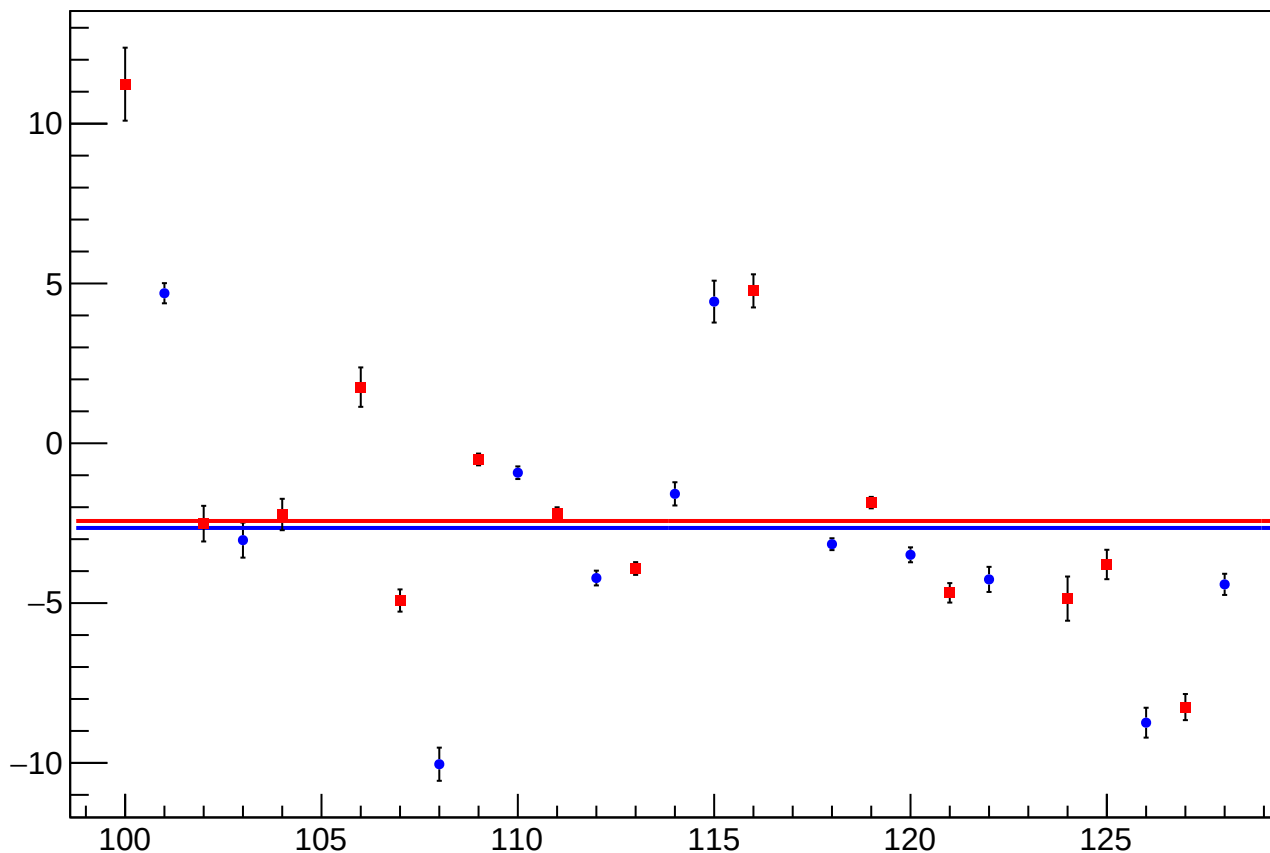
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.710+/-0.053 χ^2/NDF : 76835.3/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -2.649+/-0.085 χ^2/NDF : 1228.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.431+/-0.080 χ^2/NDF : 888.5/13

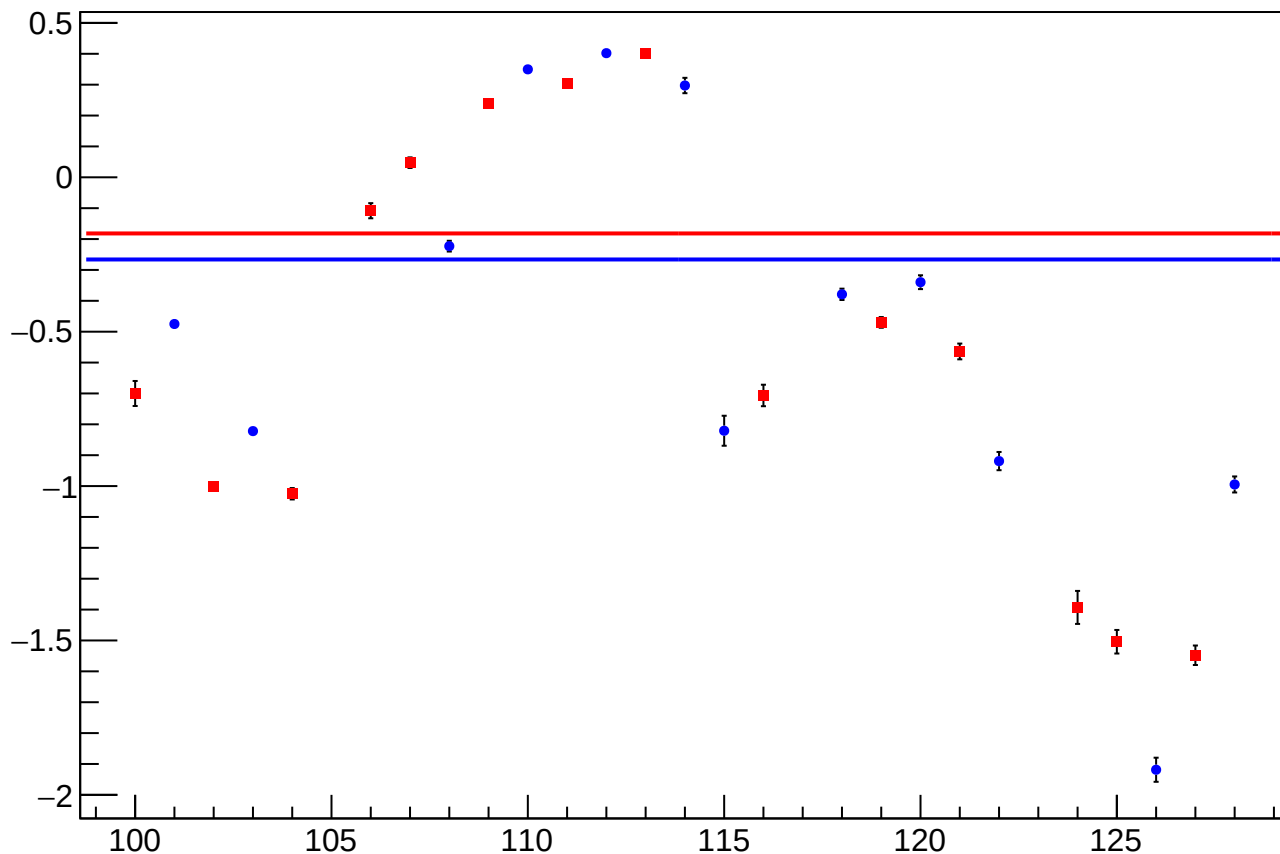
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.534+/-0.058 χ^2/NDF : 2120.7/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: -0.266+/-0.005 χ^2/NDF : 9502.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.182+/-0.005 χ^2/NDF : 14306.0/13

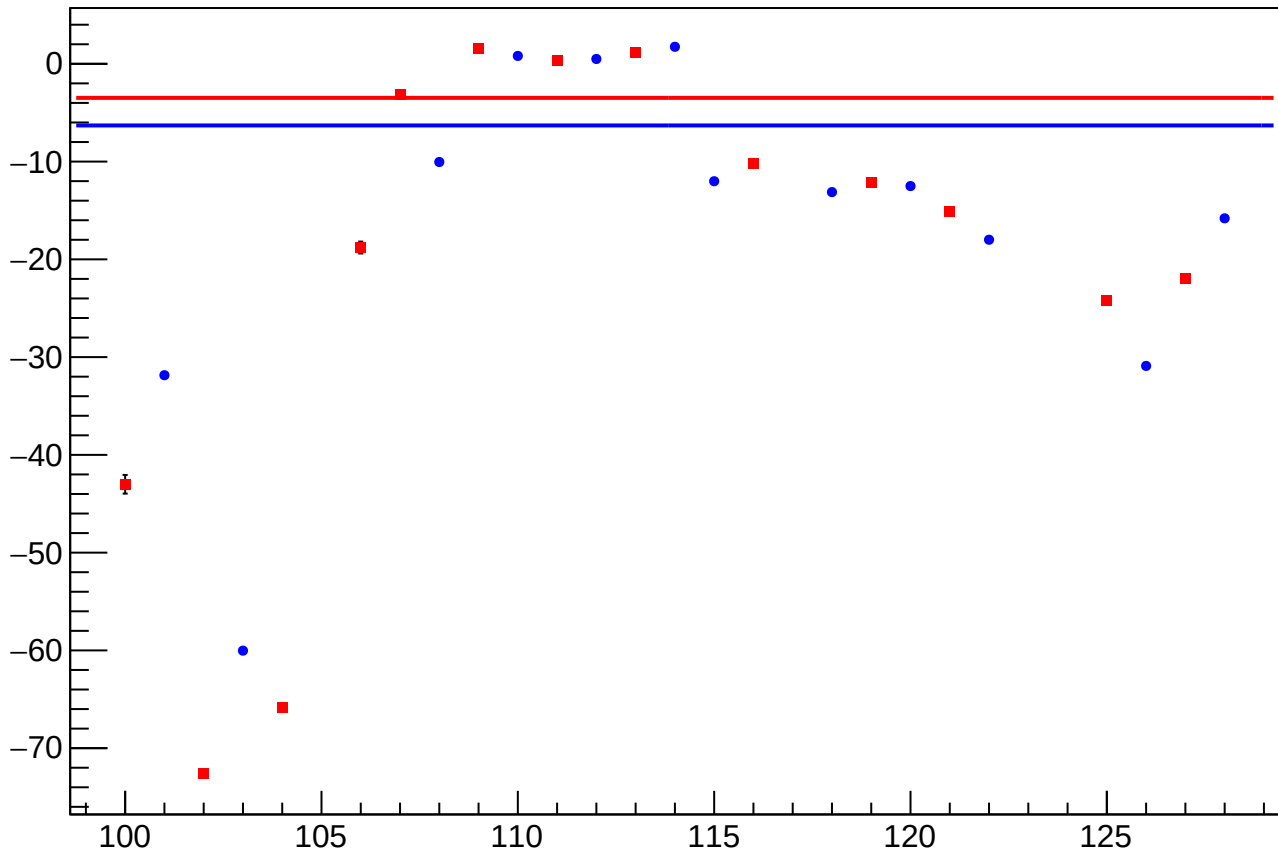
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.220+/-0.004 χ^2/NDF : 23938.1/25

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm1X_slope vs Slug



Right In: -6.304+/-0.062 χ^2/NDF : 39619.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.482+/-0.051 χ^2/NDF : 59397.7/12

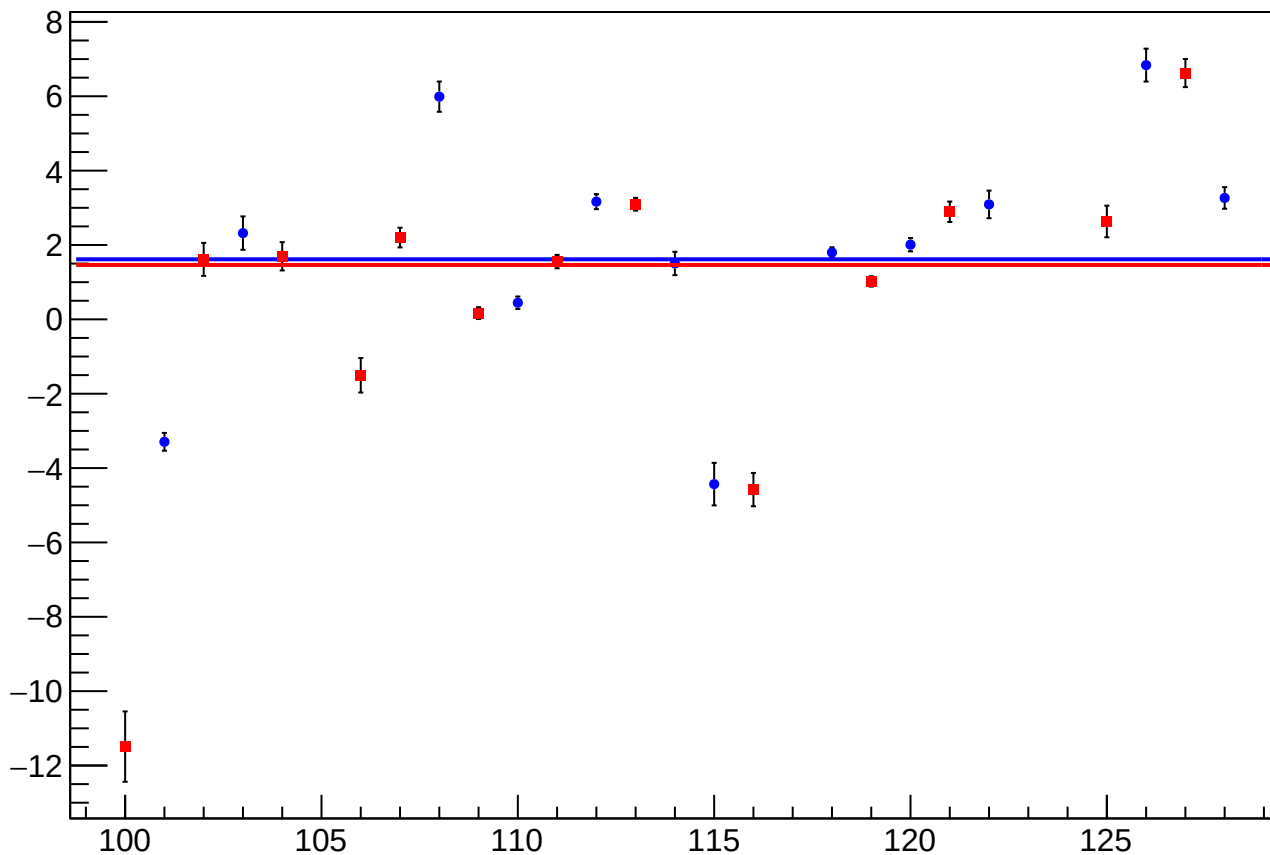
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.613+/-0.039 χ^2/NDF : 100261.1/24

- 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: 1.615+/-0.069 χ^2/NDF : 950.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.463+/-0.068 χ^2/NDF : 806.9/12

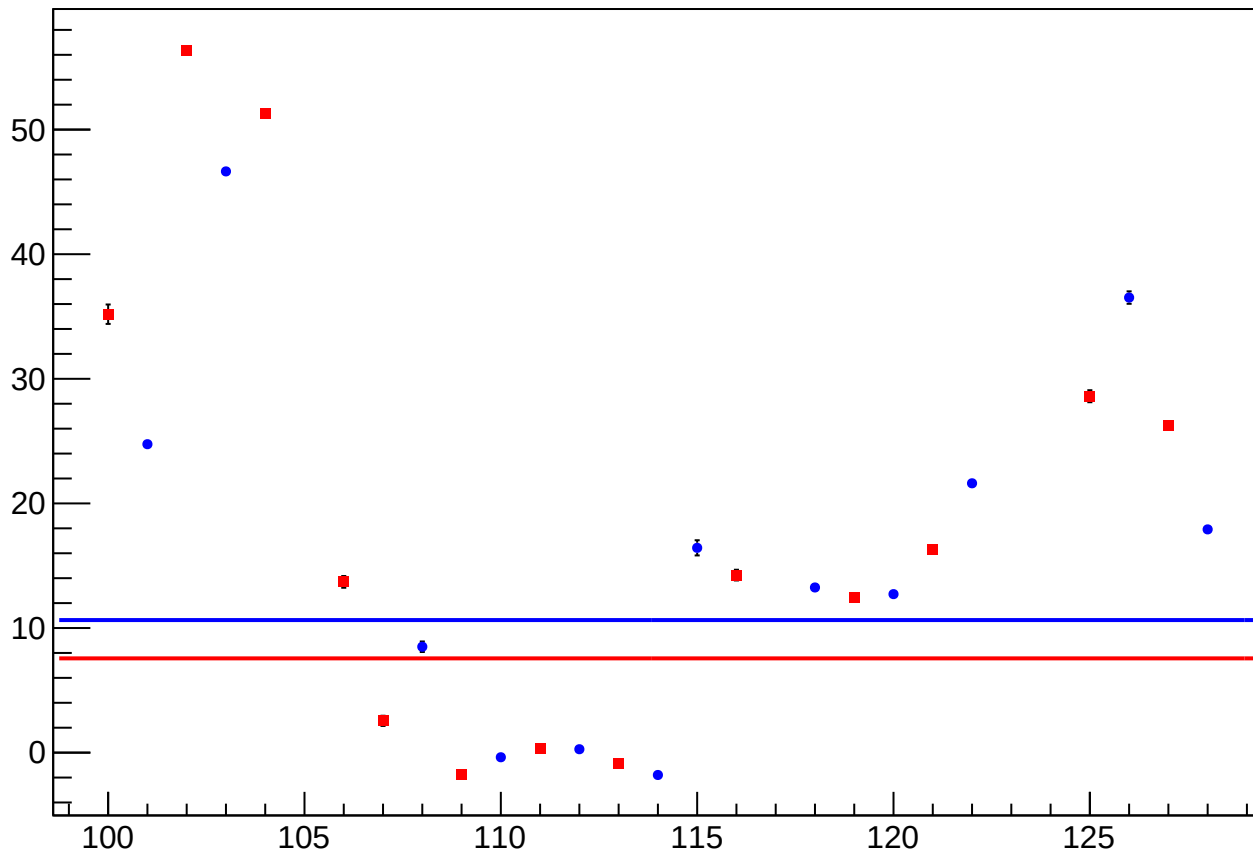
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.538+/-0.048 χ^2/NDF : 1759.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 10.639+/-0.076 χ^2/NDF : 29408.3/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.564+/-0.068 χ^2/NDF : 49965.9/12

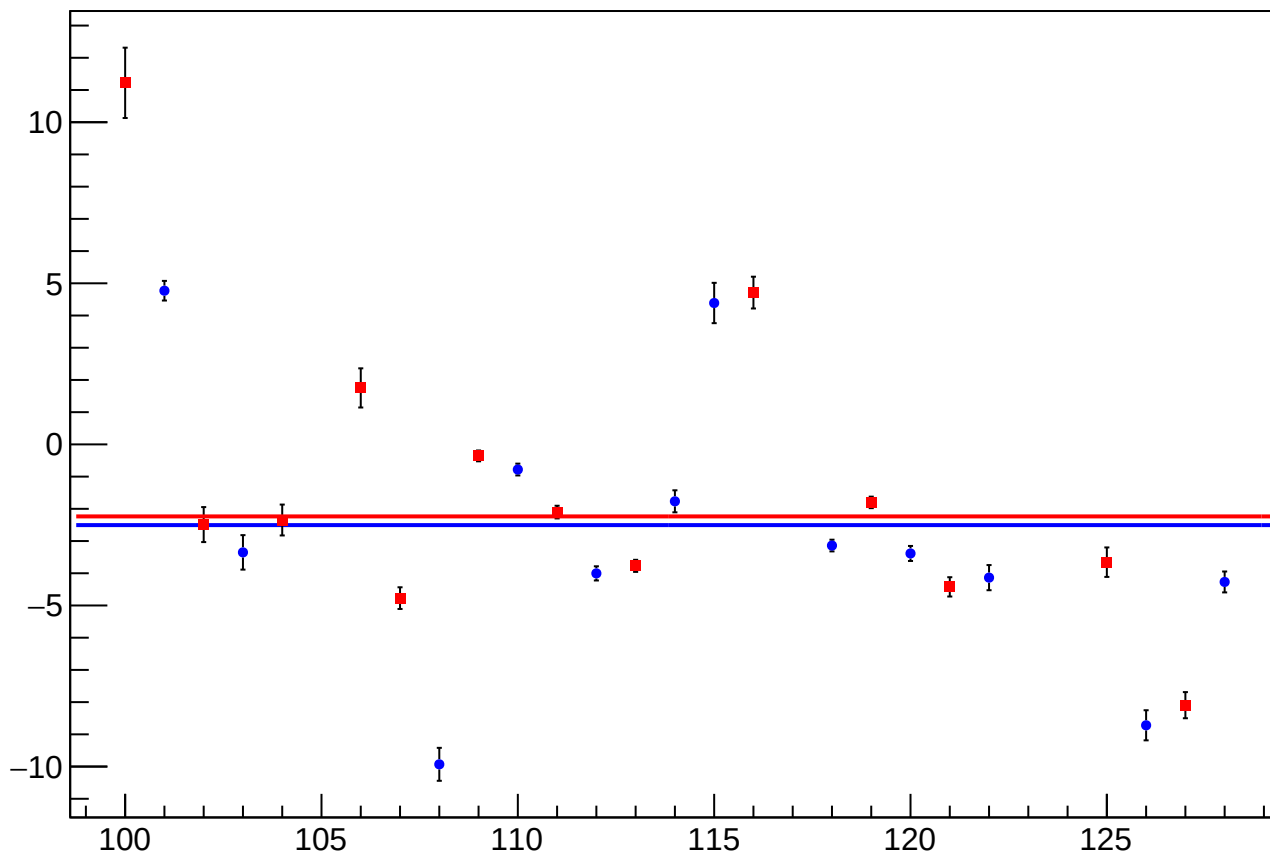
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.925+/-0.051 χ^2/NDF : 80277.1/24

- 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: -2.505+/-0.082 χ^2/NDF : 1294.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.235+/-0.077 χ^2/NDF : 919.8/12

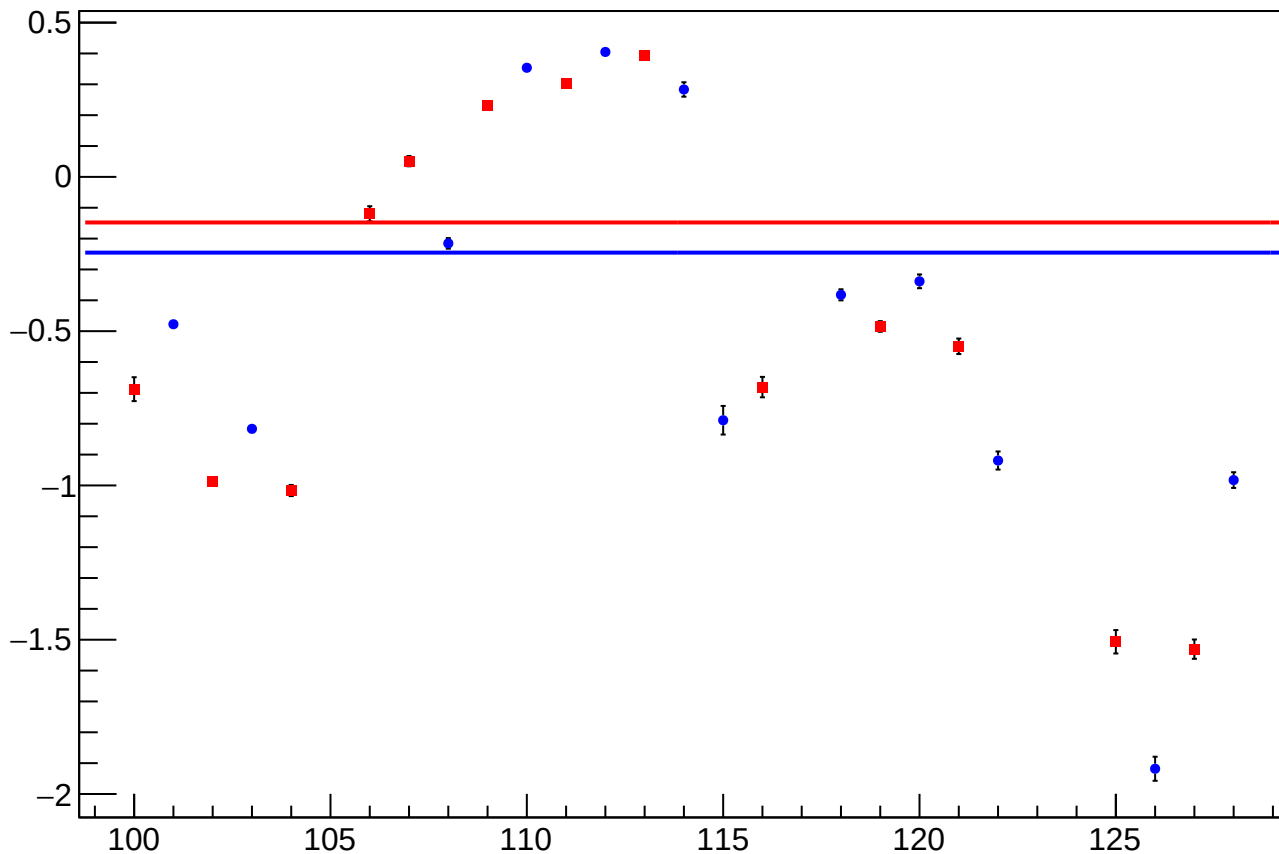
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.363+/-0.056 χ^2/NDF : 2219.8/24

- 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: -0.245+/-0.005 χ^2/NDF : 10181.5/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.148+/-0.005 χ^2/NDF : 14497.8/12

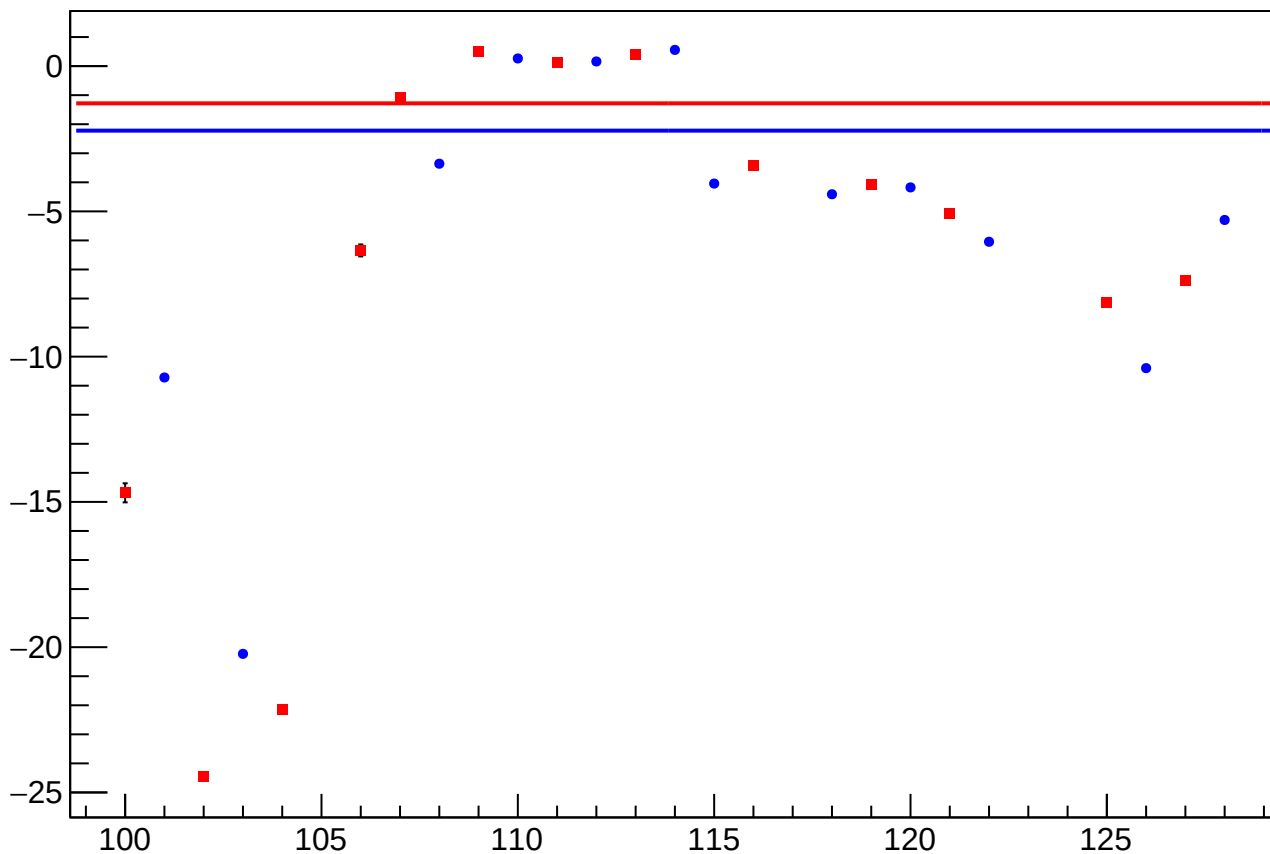
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.191+/-0.004 χ^2/NDF : 24867.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm1X_slope vs Slug



Right In: -2.221 $\pm$ 0.021 χ^2 /NDF: 38547.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.282 $\pm$ 0.018 χ^2 /NDF: 58092.4/12

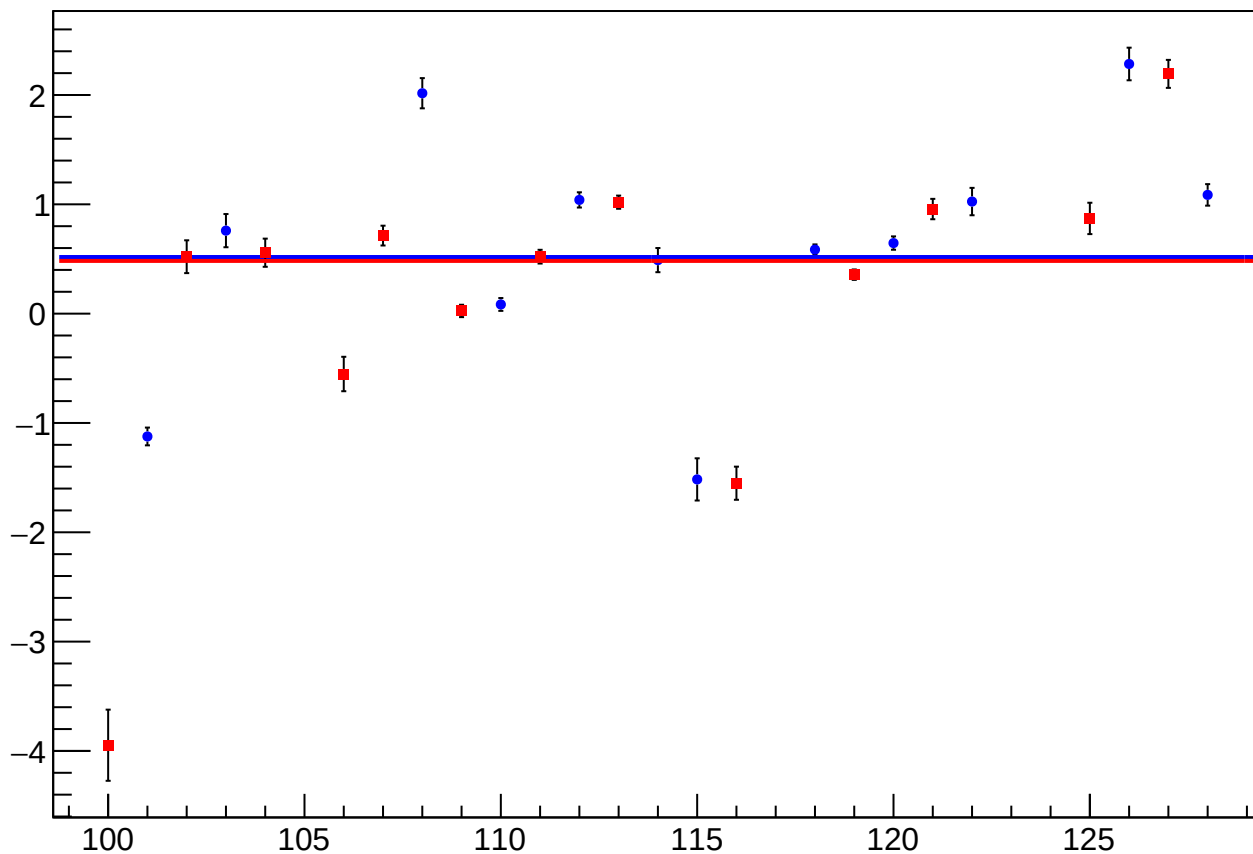
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.664 $\pm$ 0.014 χ^2 /NDF: 97782.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.518 $\pm$ 0.024 χ^2 /NDF: 945.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.482 $\pm$ 0.023 χ^2 /NDF: 779.7/12

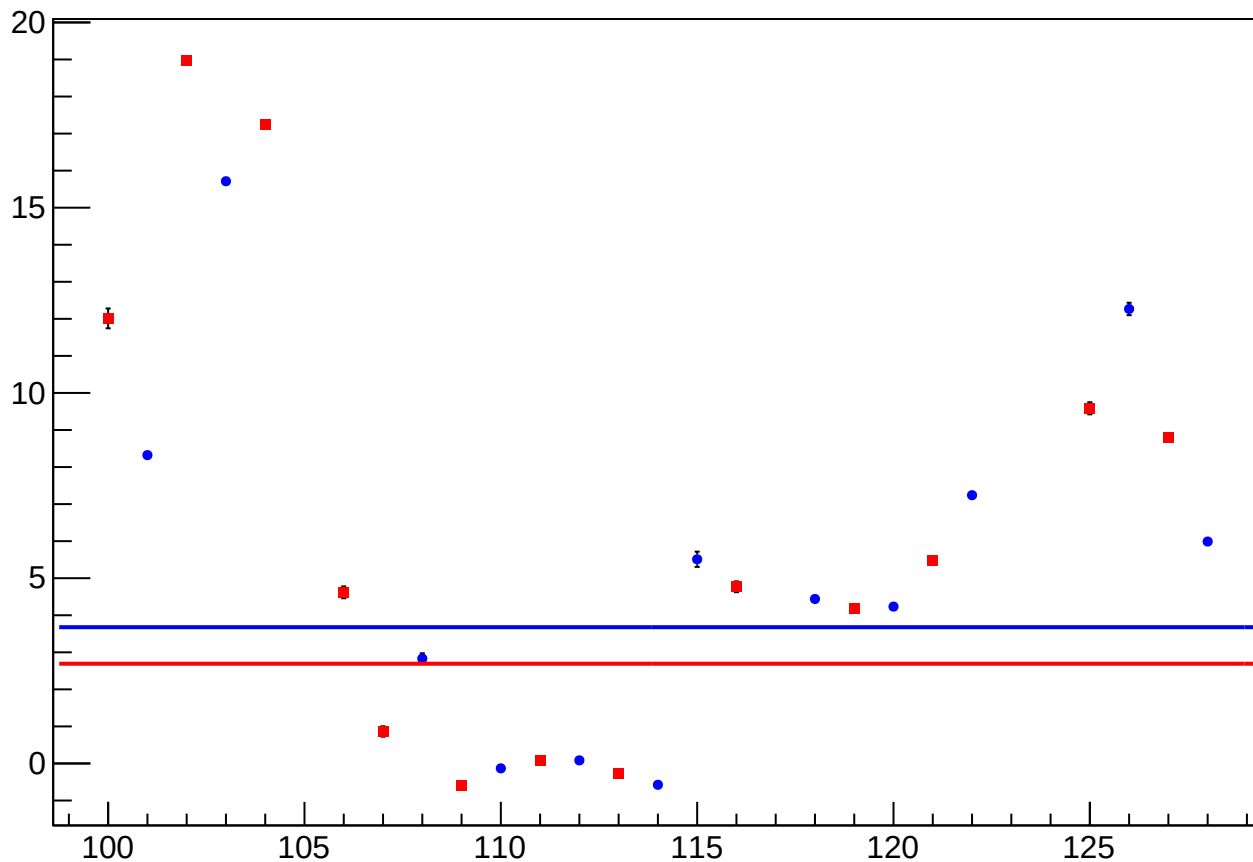
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.500 $\pm$ 0.017 χ^2 /NDF: 1726.6/24

- 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: 3.678 ± 0.026 χ^2/NDF : 28442.2/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.692 ± 0.024 χ^2/NDF : 48548.9/12

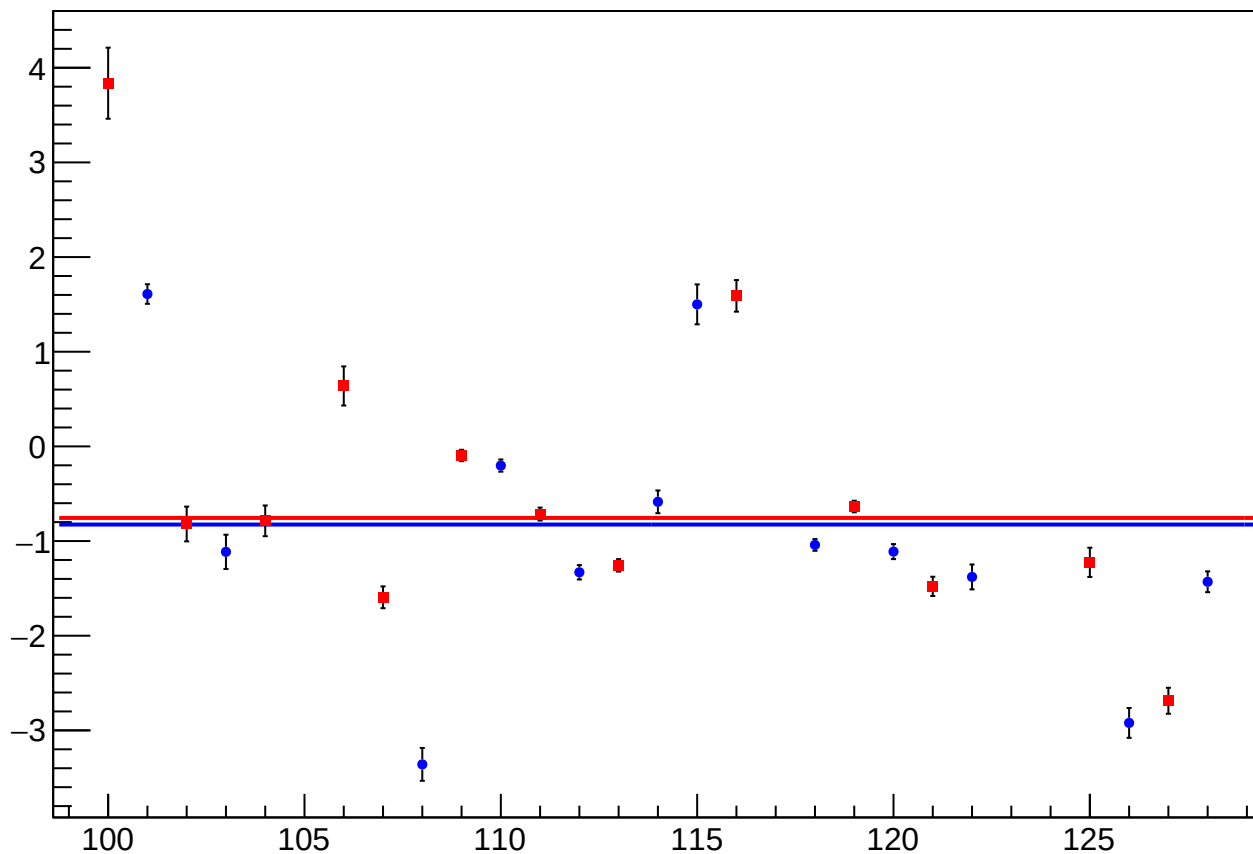
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 3.134 ± 0.018 χ^2/NDF : 77767.5/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.826 ± 0.028 χ^2/NDF : 1283.8/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.756 ± 0.027 χ^2/NDF : 887.1/12

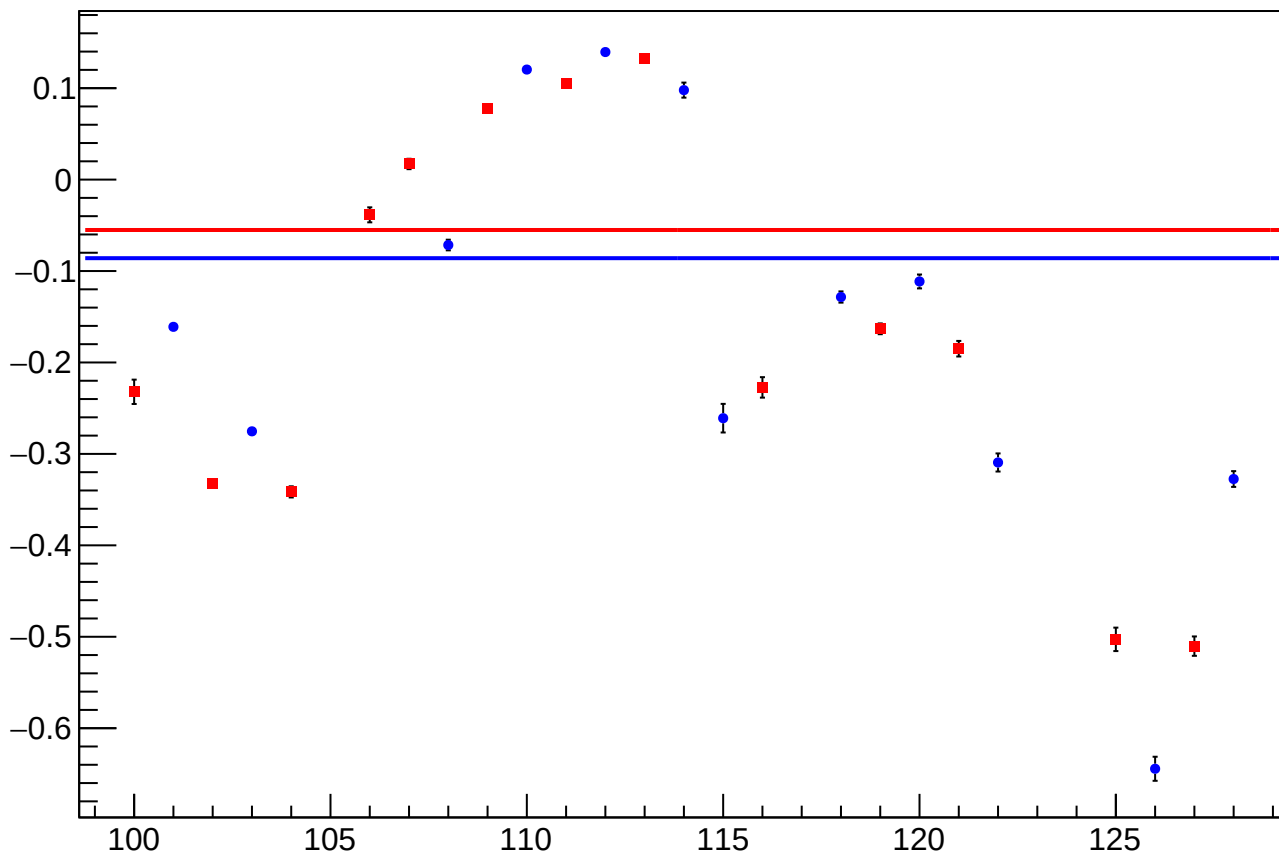
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.789 ± 0.019 χ^2/NDF : 2174.2/24

- 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: -0.086 ± 0.002 χ^2/NDF : 9874.4/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.055 ± 0.002 χ^2/NDF : 13951.0/12

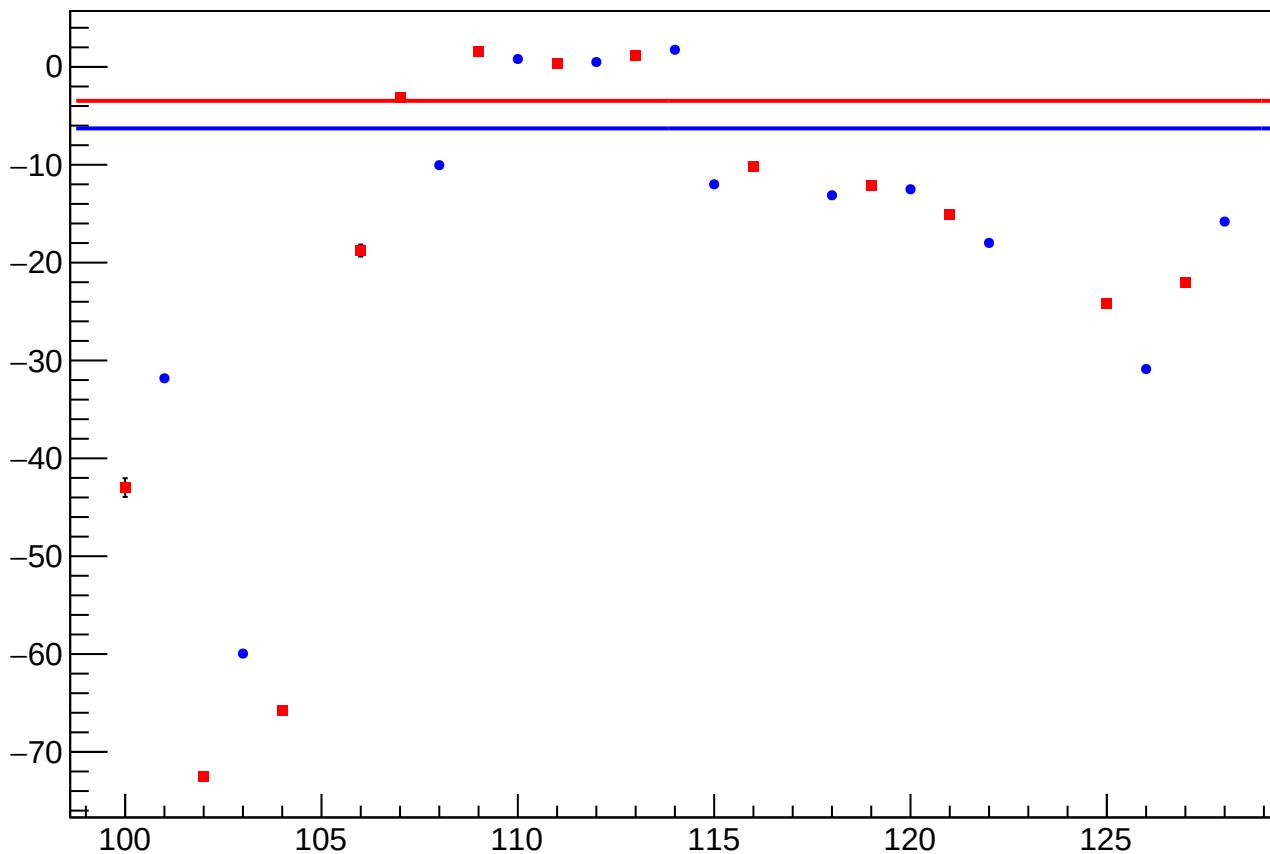
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.069 ± 0.001 χ^2/NDF : 23983.3/24

- 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: -6.285+/-0.062 χ^2/NDF : 39646.6/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.467+/-0.051 χ^2/NDF : 59426.2/12

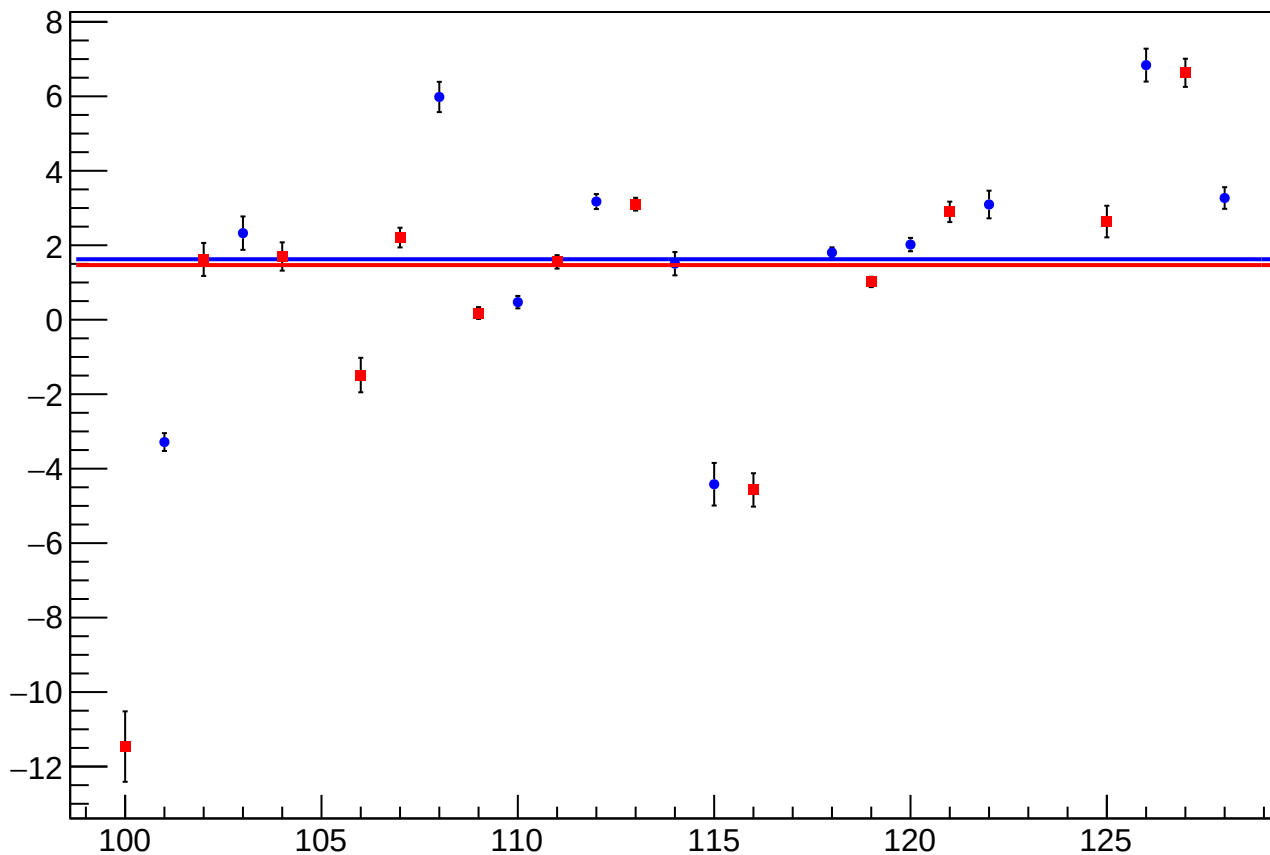
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.595+/-0.039 χ^2/NDF : 100318.0/24

- 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: 1.625+/-0.069 χ^2/NDF : 948.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.468+/-0.067 χ^2/NDF : 806.8/12

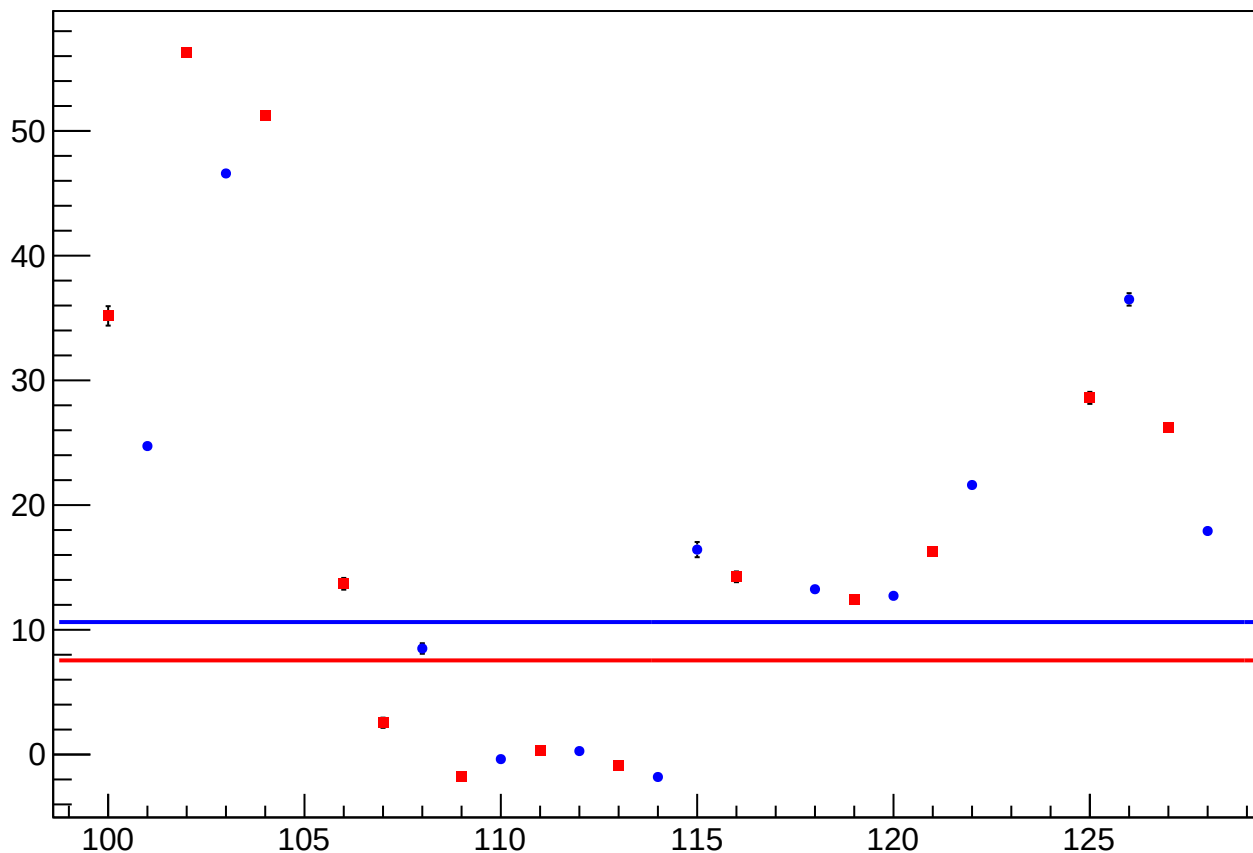
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.544+/-0.048 χ^2/NDF : 1758.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 10.620+/-0.076 χ^2/NDF : 29433.7/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.546+/-0.068 χ^2/NDF : 49996.4/12

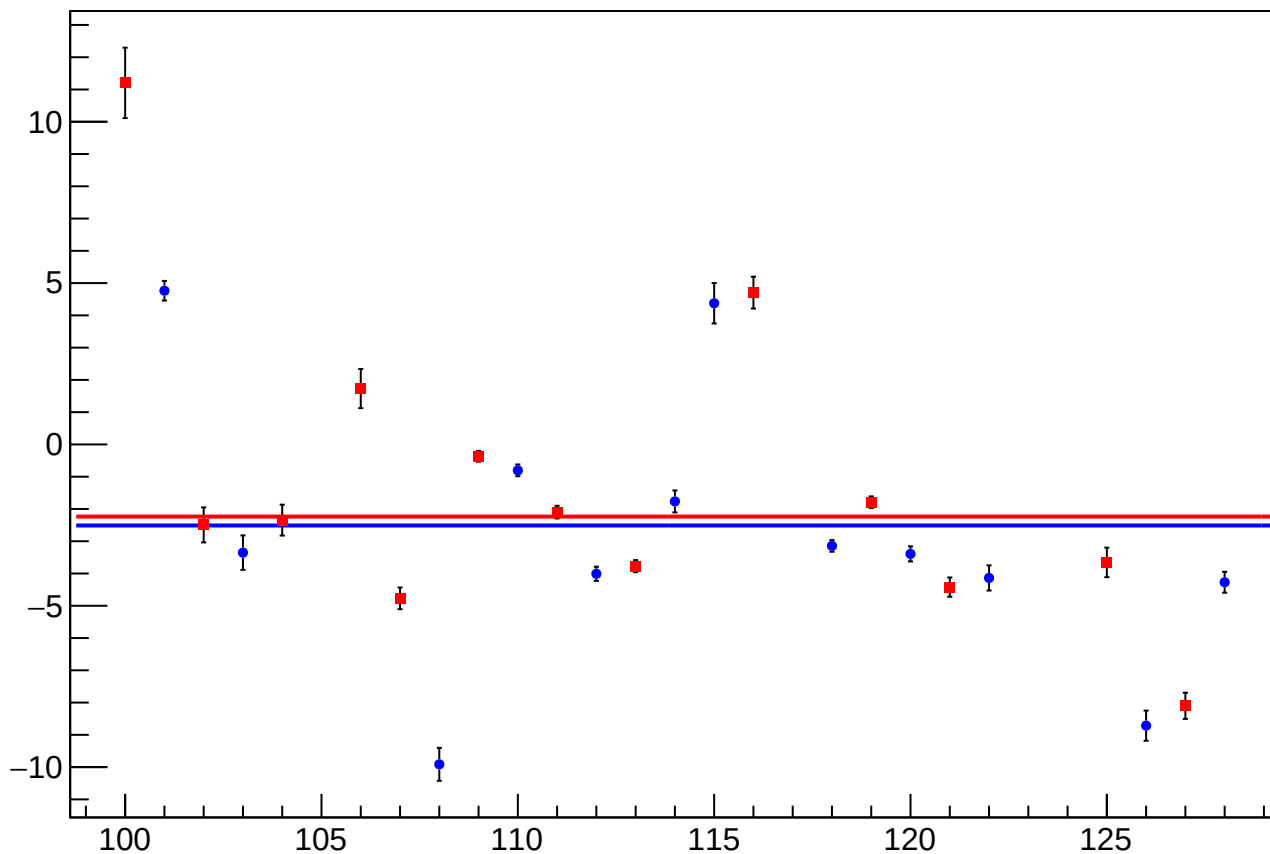
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.906+/-0.051 χ^2/NDF : 80335.7/24

- 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: -2.512+/-0.082 χ^2/NDF : 1292.4/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.236+/-0.077 χ^2/NDF : 919.7/12

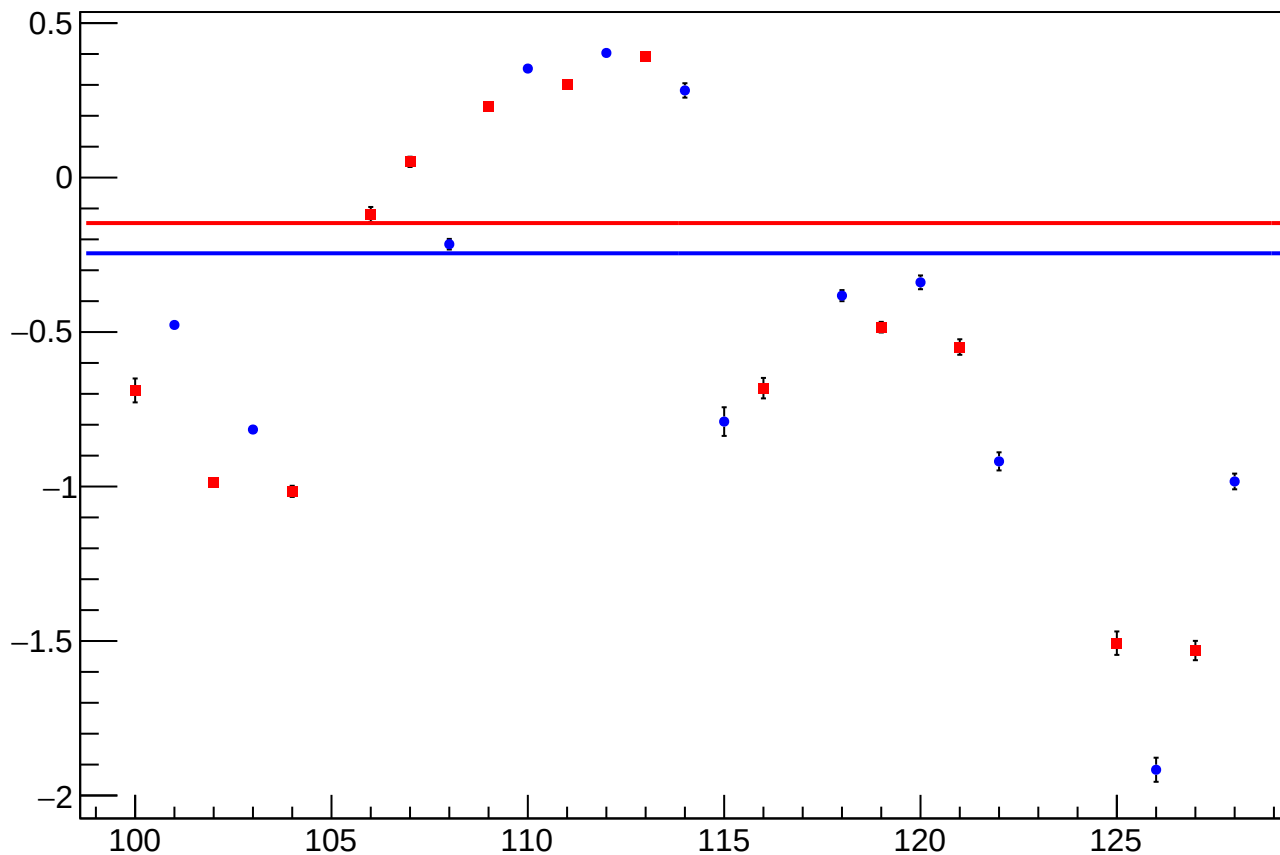
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.366+/-0.056 χ^2/NDF : 2218.1/24

- 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: -0.245+/-0.005 χ^2 /NDF: 10180.9/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.147+/-0.005 χ^2 /NDF: 14509.5/12

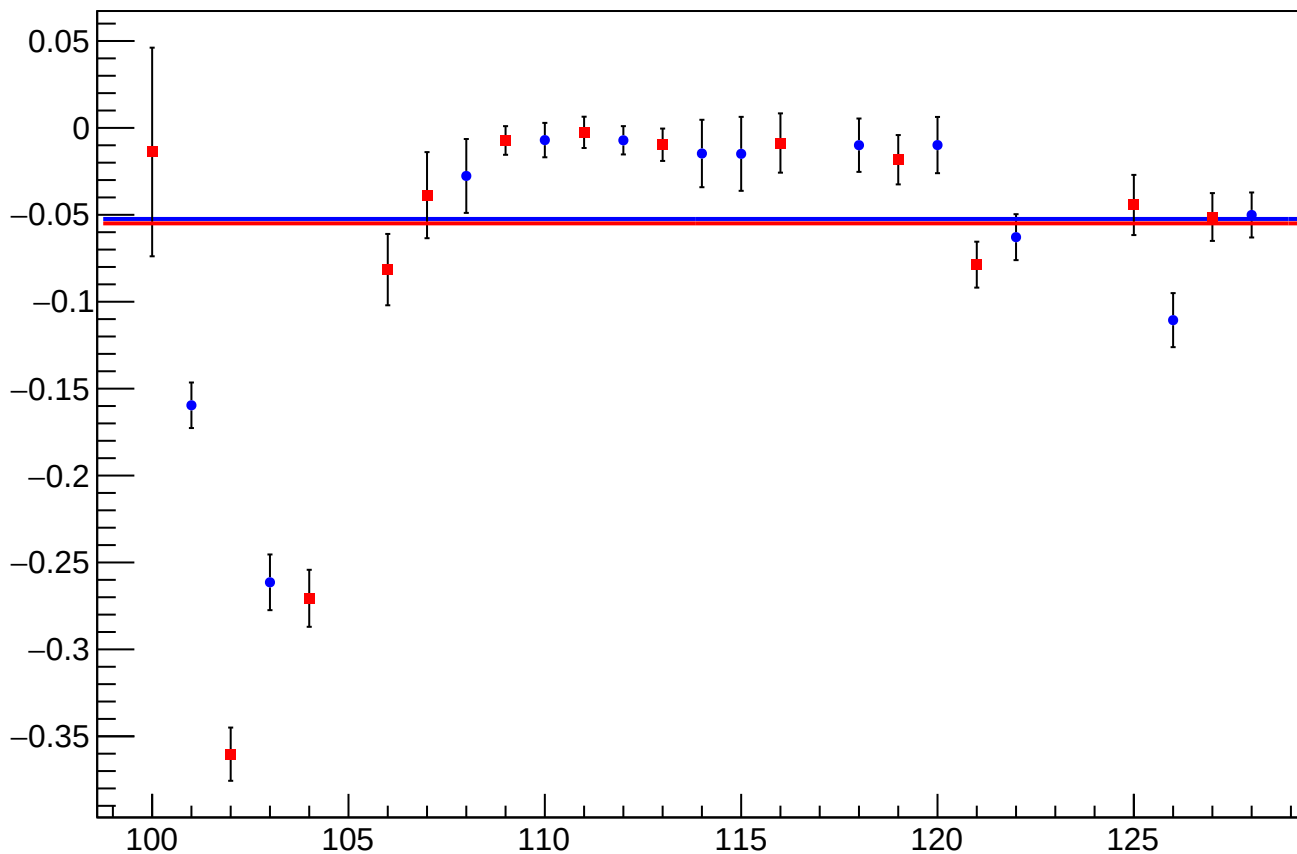
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.191+/-0.004 χ^2 /NDF: 24879.6/24

- 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: -0.052 ± 0.004 χ^2/NDF : 326.6/11

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.055 ± 0.004 χ^2/NDF : 681.8/12

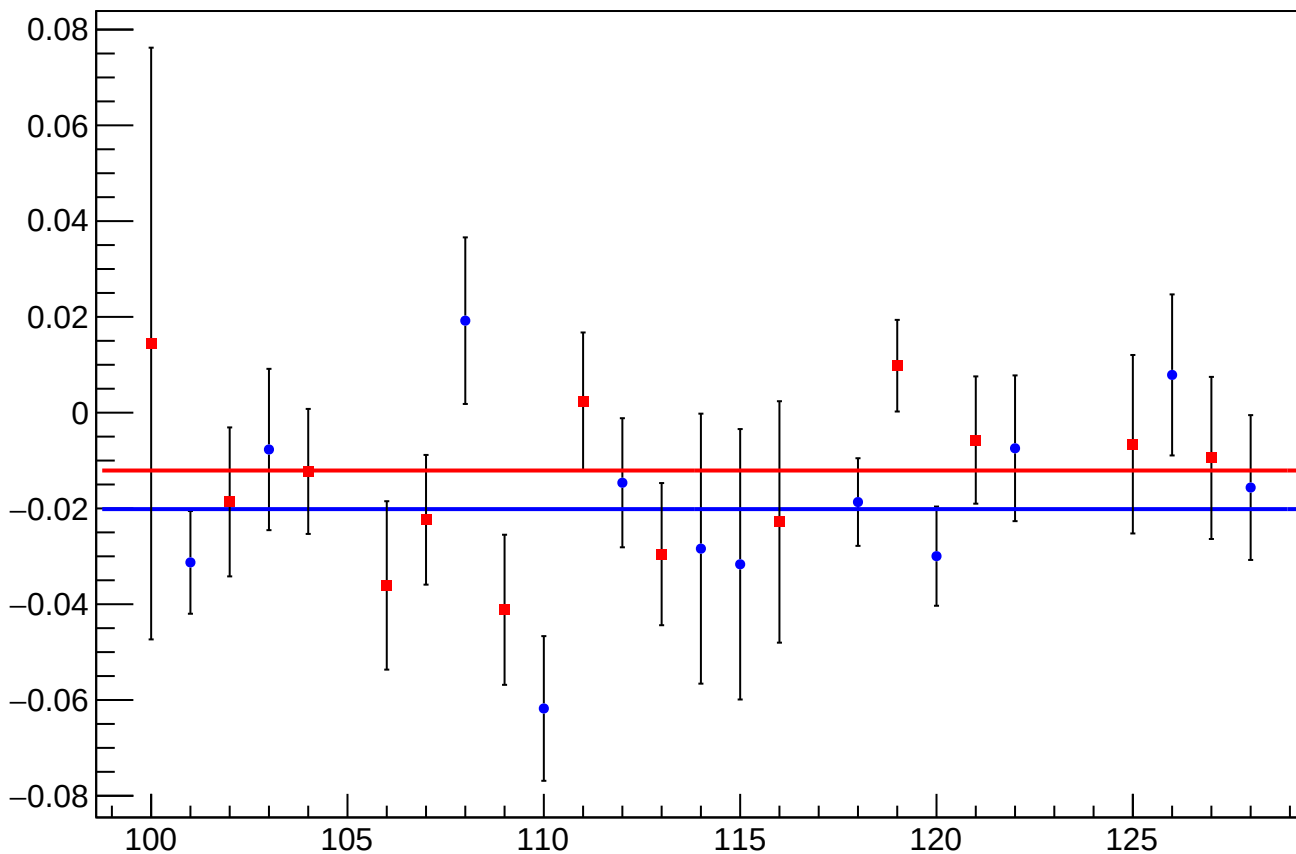
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.054 ± 0.003 χ^2/NDF : 1008.7/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4aY_slope vs Slug



Right In: -0.020 $\pm$ 0.004 χ^2 /NDF: 19.2/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.012 $\pm$ 0.004 χ^2 /NDF: 14.4/12

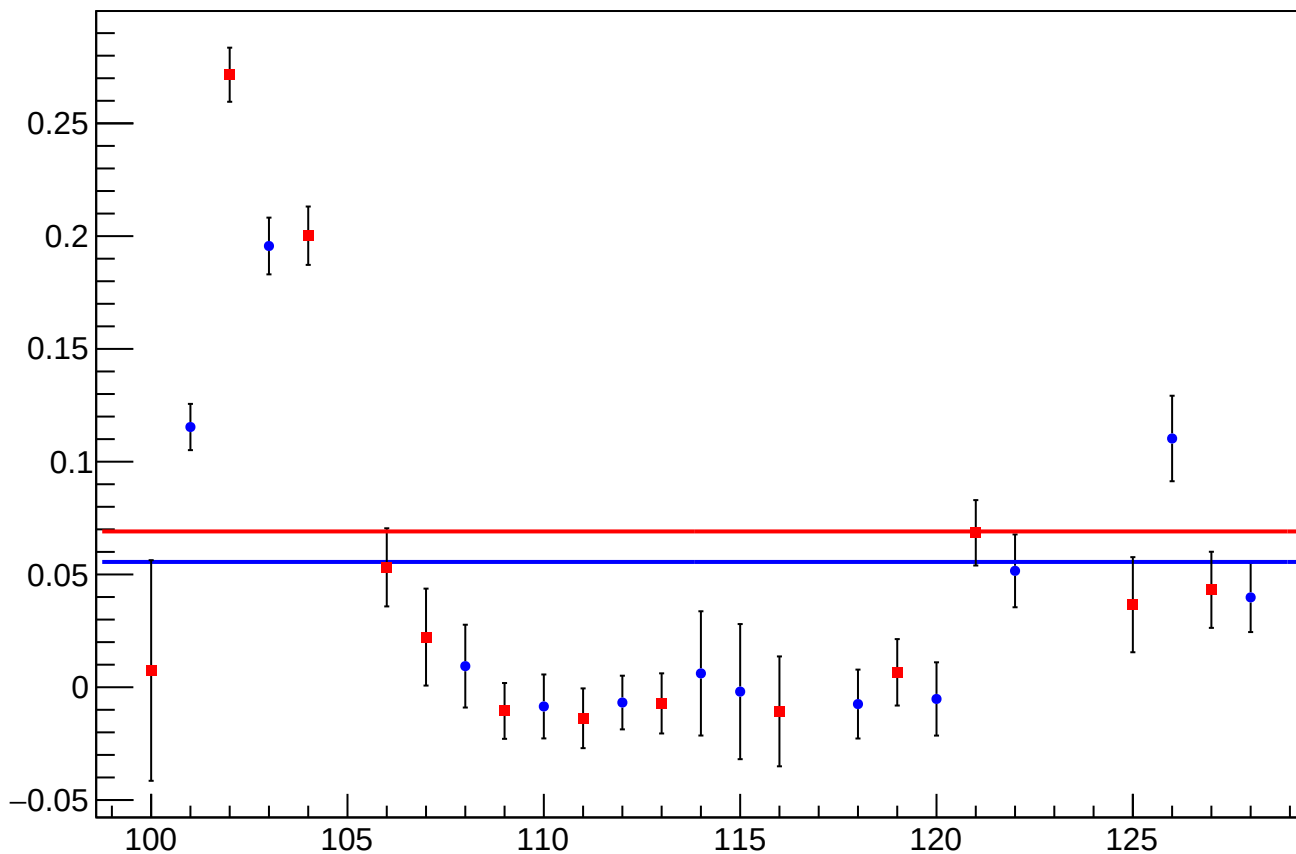
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.016 $\pm$ 0.003 χ^2 /NDF: 35.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.056 $\pm$ 0.004 χ^2 /NDF: 259.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.069 $\pm$ 0.004 χ^2 /NDF: 541.5/12

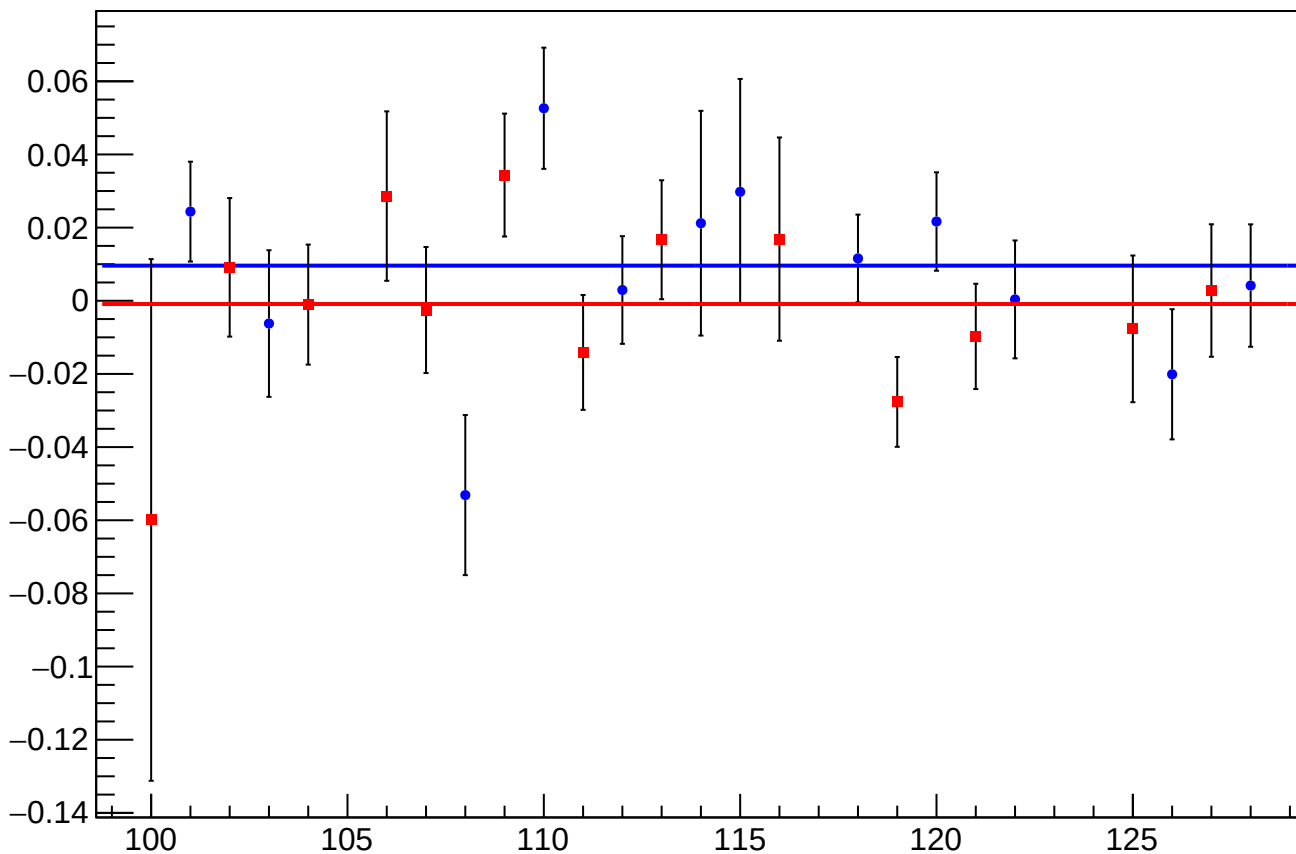
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.062 $\pm$ 0.003 χ^2 /NDF: 806.0/24

- 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: 0.010 $\pm$ 0.005 χ^2 /NDF: 21.6/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.001 $\pm$ 0.005 χ^2 /NDF: 14.6/12

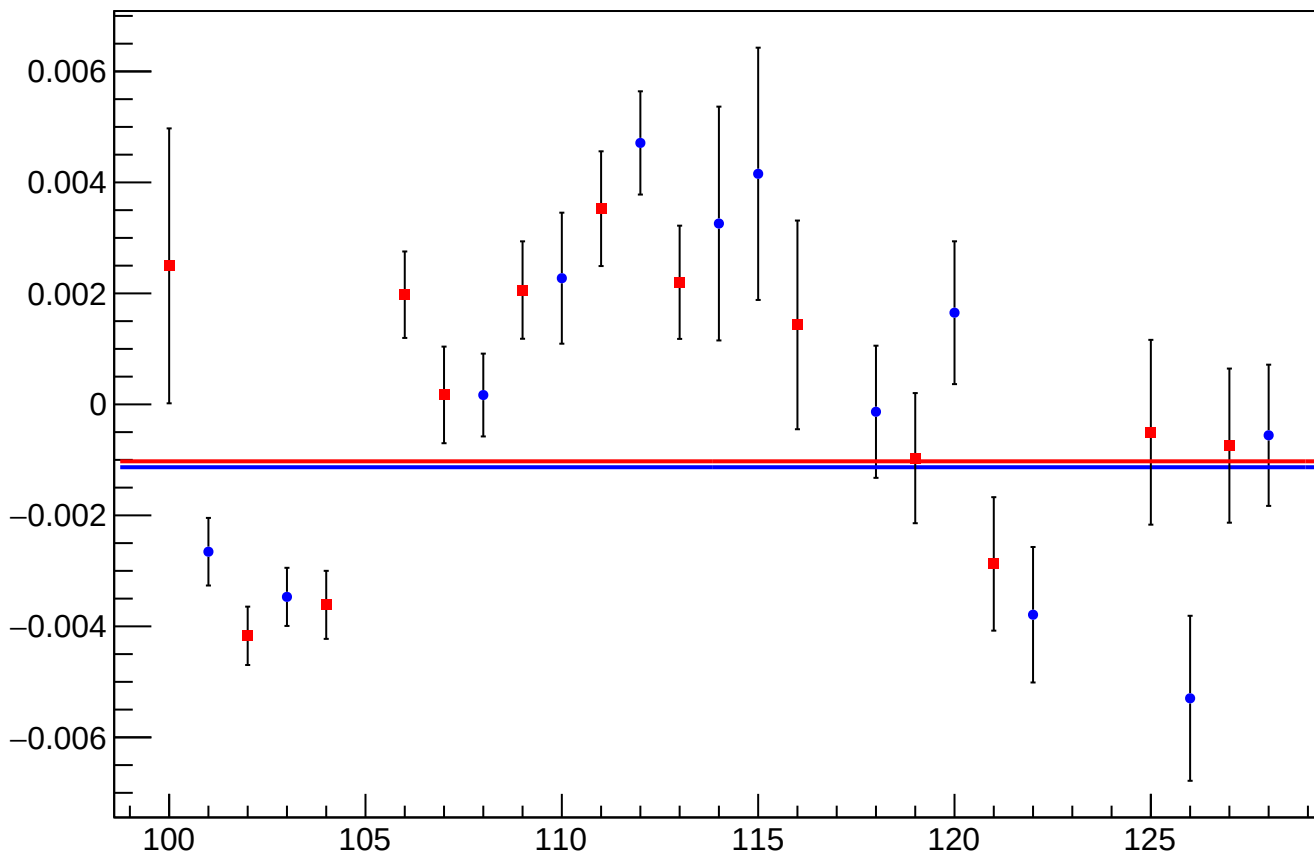
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.003 χ^2 /NDF: 38.5/24

- 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 : 104.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.000 χ^2/NDF : 118.3/12

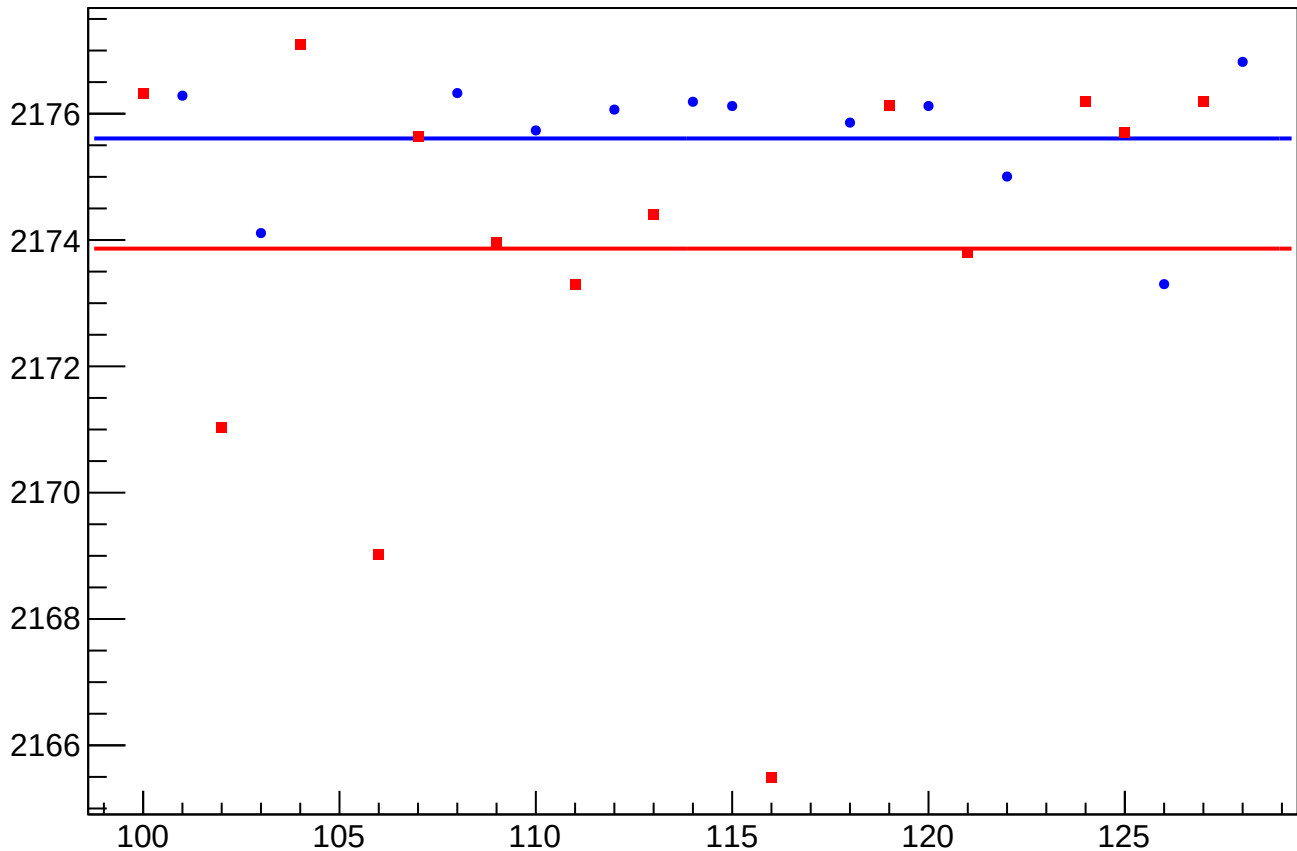
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 223.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

HALLA_p_mean vs Slug



Right In: 2175.608+/-0.000 χ^2/NDF : 538233223964104620987884171689984.0/11
 + sign 0.000+/-0.000 χ^2/NDF : 0.0/0

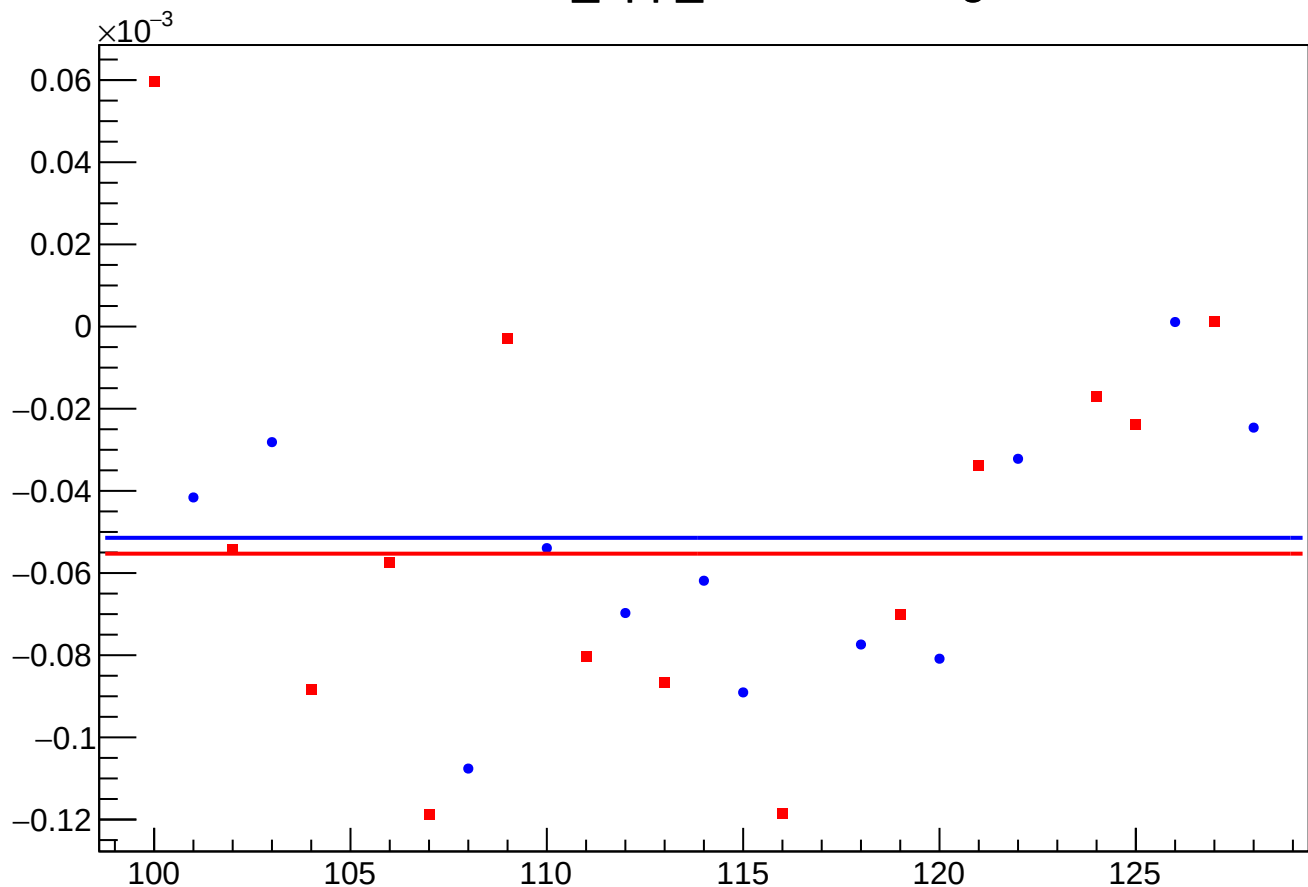
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2174.699+/-0.000 χ^2/NDF : 60398767080

Right Out: 2173.864+/-0.000 χ^2/NDF : 4684964618212265400894171872493568.0/13
 - 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 : 445975429204018821332992.0/11

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

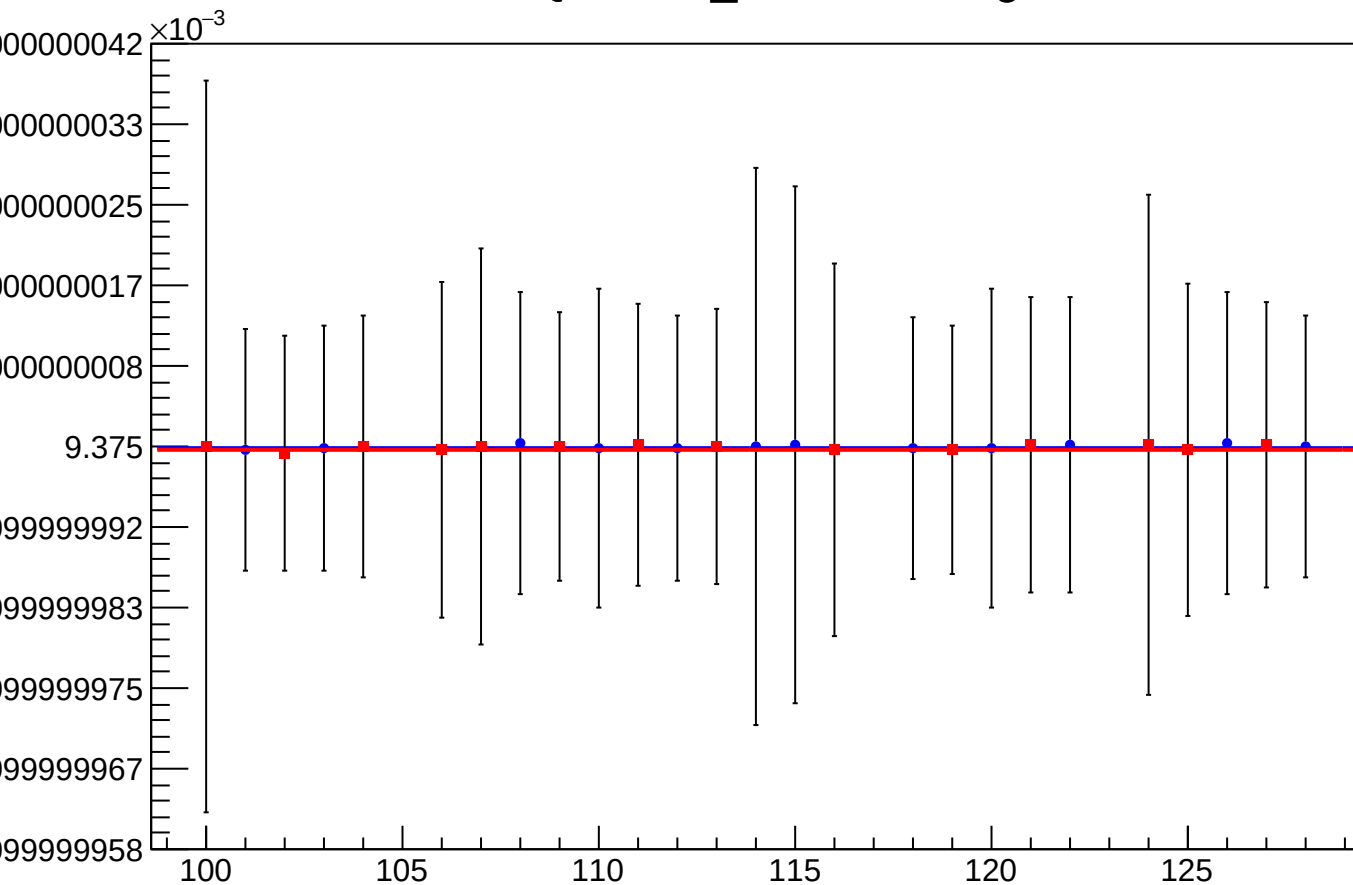
All: -0.000+/-0.000 χ^2/NDF : 1262594414894

Right Out: -0.000+/-0.000 χ^2/NDF : 812620091389149198680064.0/13

- 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: 0.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/13

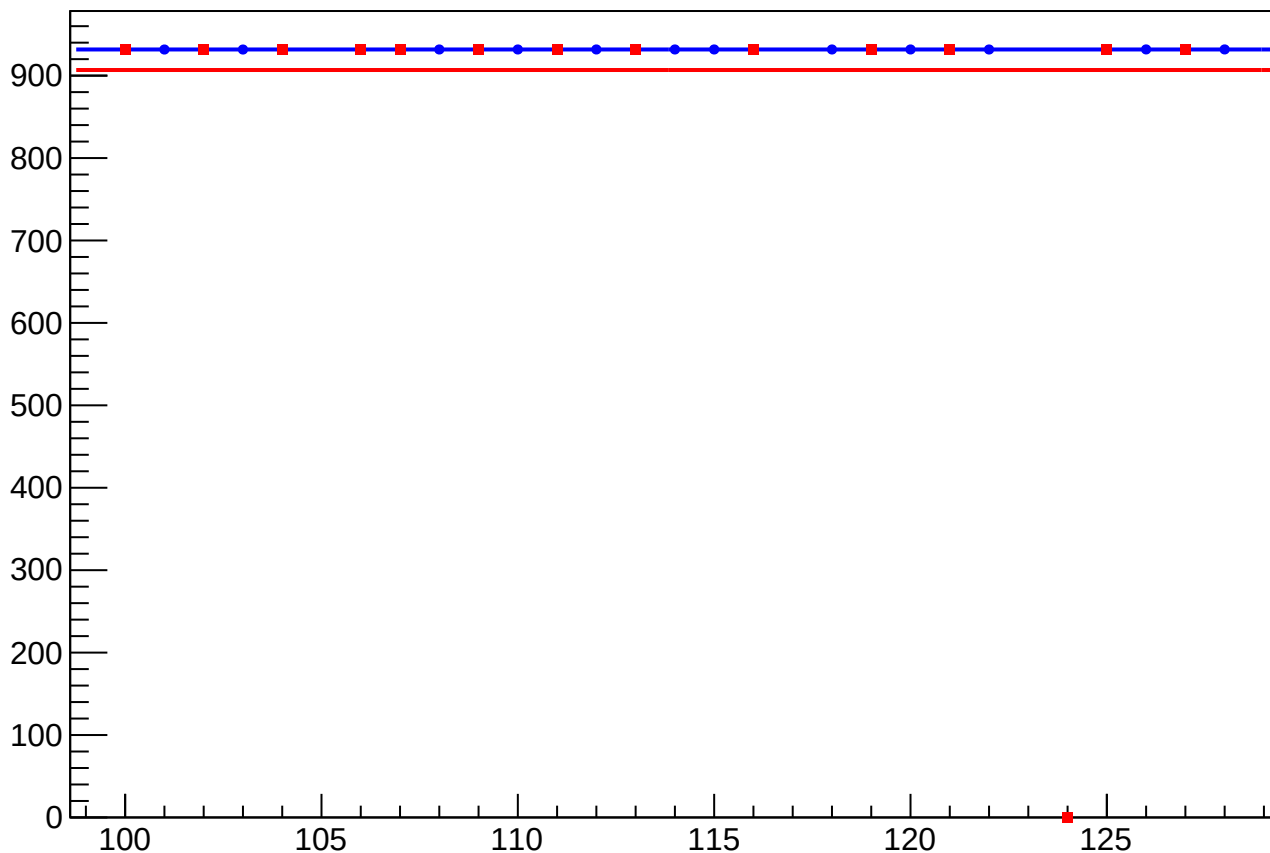
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

HacL_Q2_HP3458A_IOUT_mean vs Slug



Right In: 931.736 $\pm$ 0.000 χ^2 /NDF: 814450546585305510382384709632.0/11

+ 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

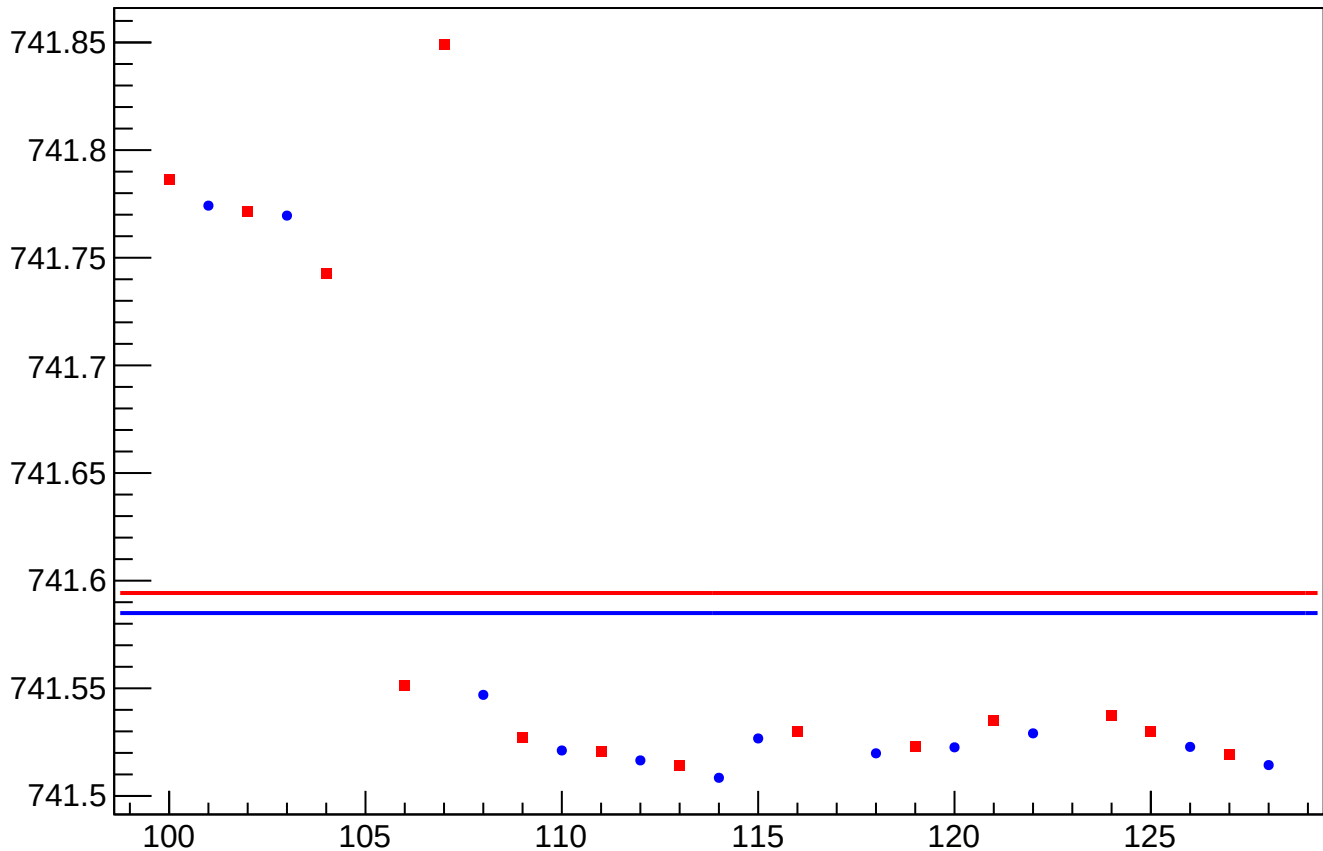
All: 918.747 $\pm$ 0.000 χ^2 /NDF: 128395623579

Right Out: 906.824 $\pm$ 0.000 χ^2 /NDF: 12672918923157486601115281877232517120.0/13

- sign 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_IOOUT_mean vs Slug



Right In: 741.585+/-0.000 χ^2/NDF : 5990323150775620919785143926784.0/11

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

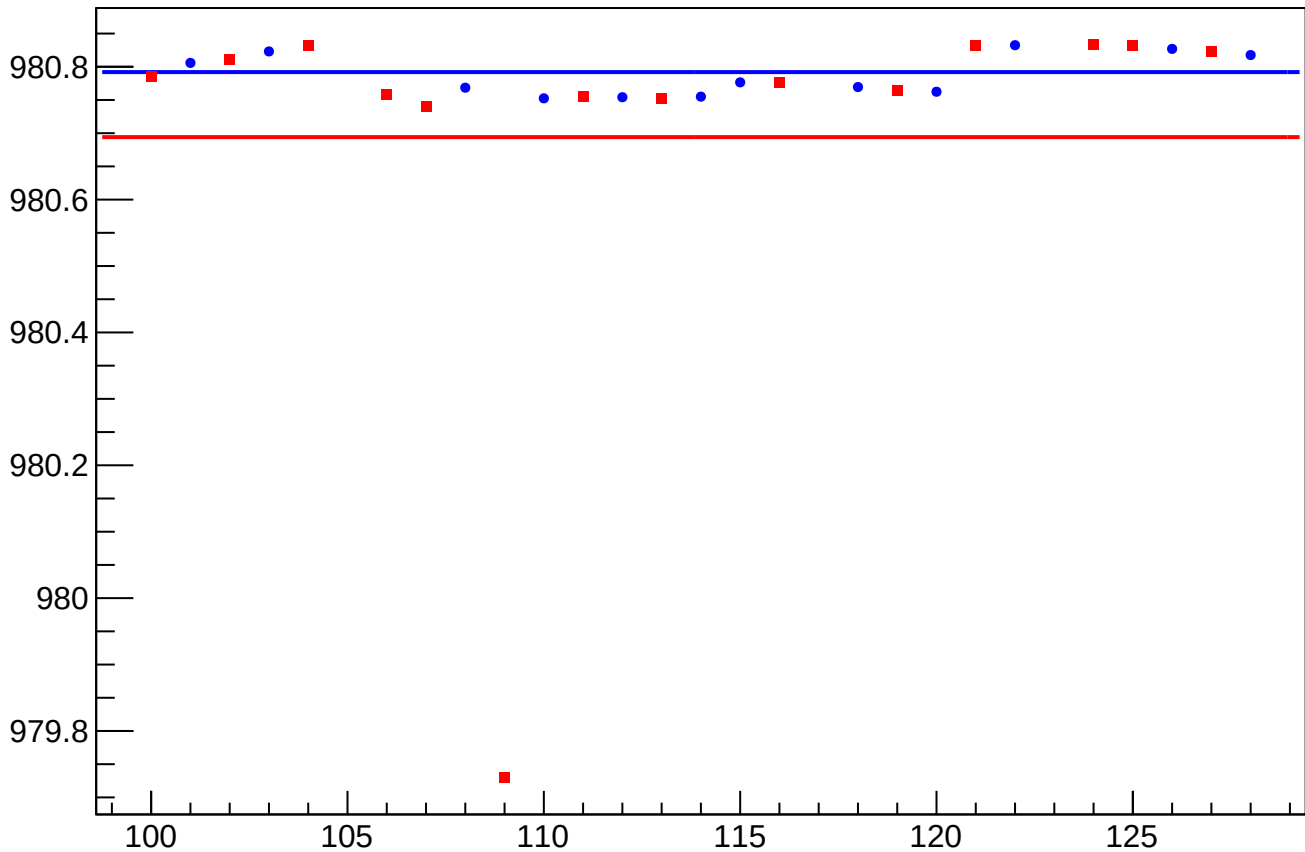
All: 741.590+/-0.000 χ^2/NDF : 13046462485

Right Out: 741.594+/-0.000 χ^2/NDF : 7032828728207243405971762970624.0/13

- 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: 980.792+/-0.000 χ^2/NDF : 465560401266785737332014186496.0/11

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

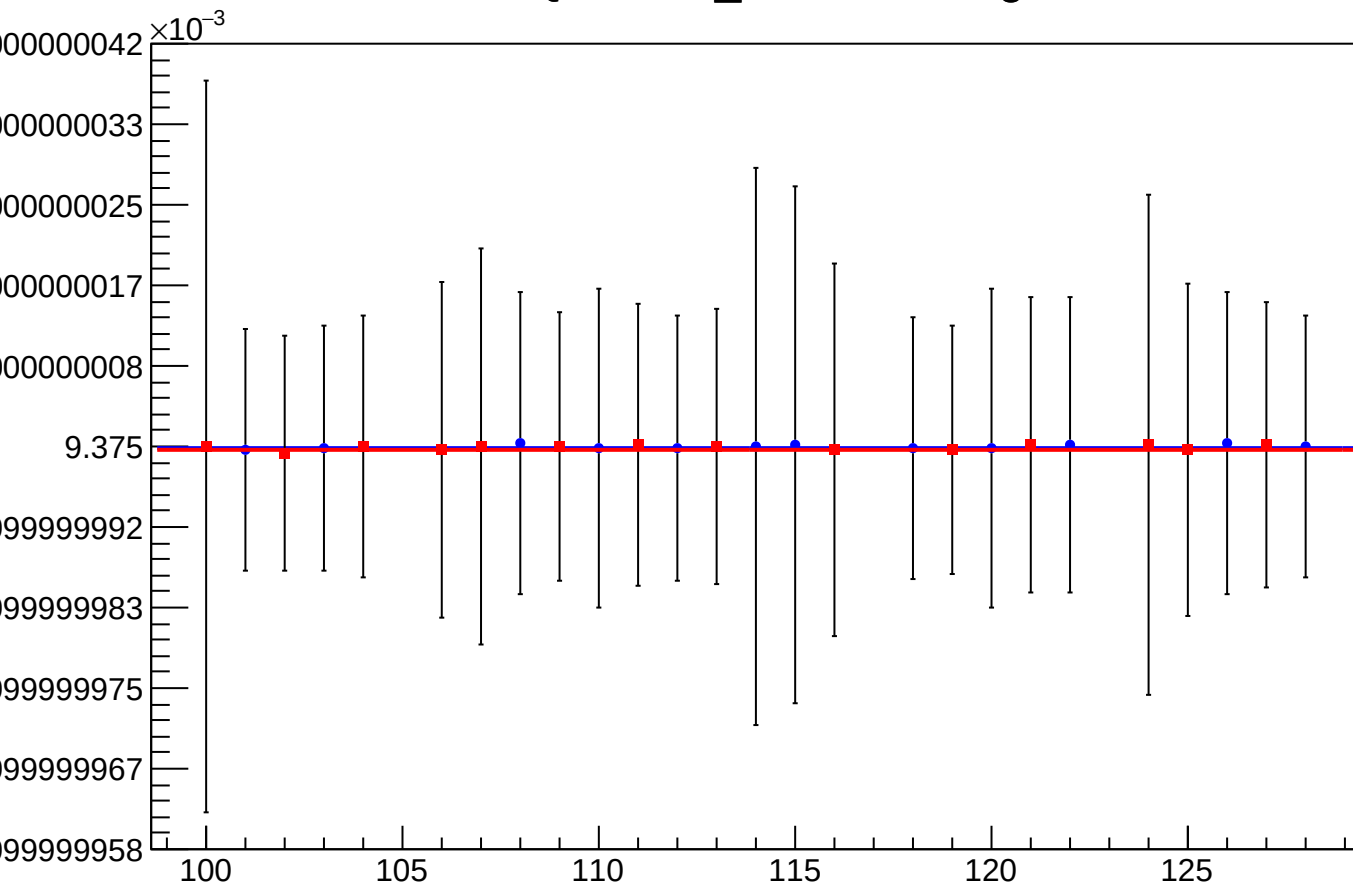
All: 980.741+/-0.000 χ^2/NDF : 569658775389

Right Out: 980.694+/-0.000 χ^2/NDF : 53926806070901961839172623794176.0/13

- 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: 0.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/13

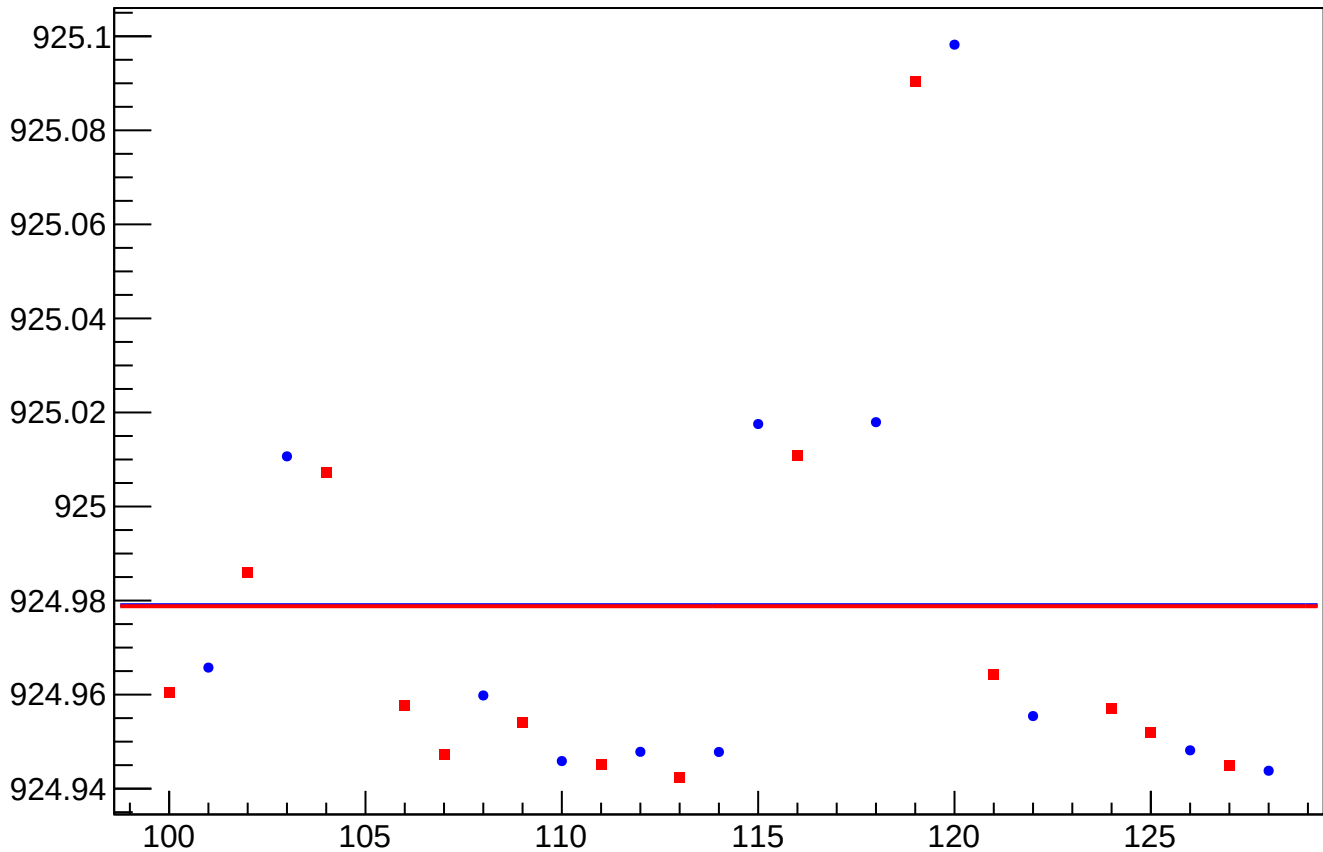
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

HacR_Q2_HP3458A_IOUT_mean vs Slug



Right In: 924.979+/-0.000 χ^2/NDF : 953224369949204644566134685696.0/11

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

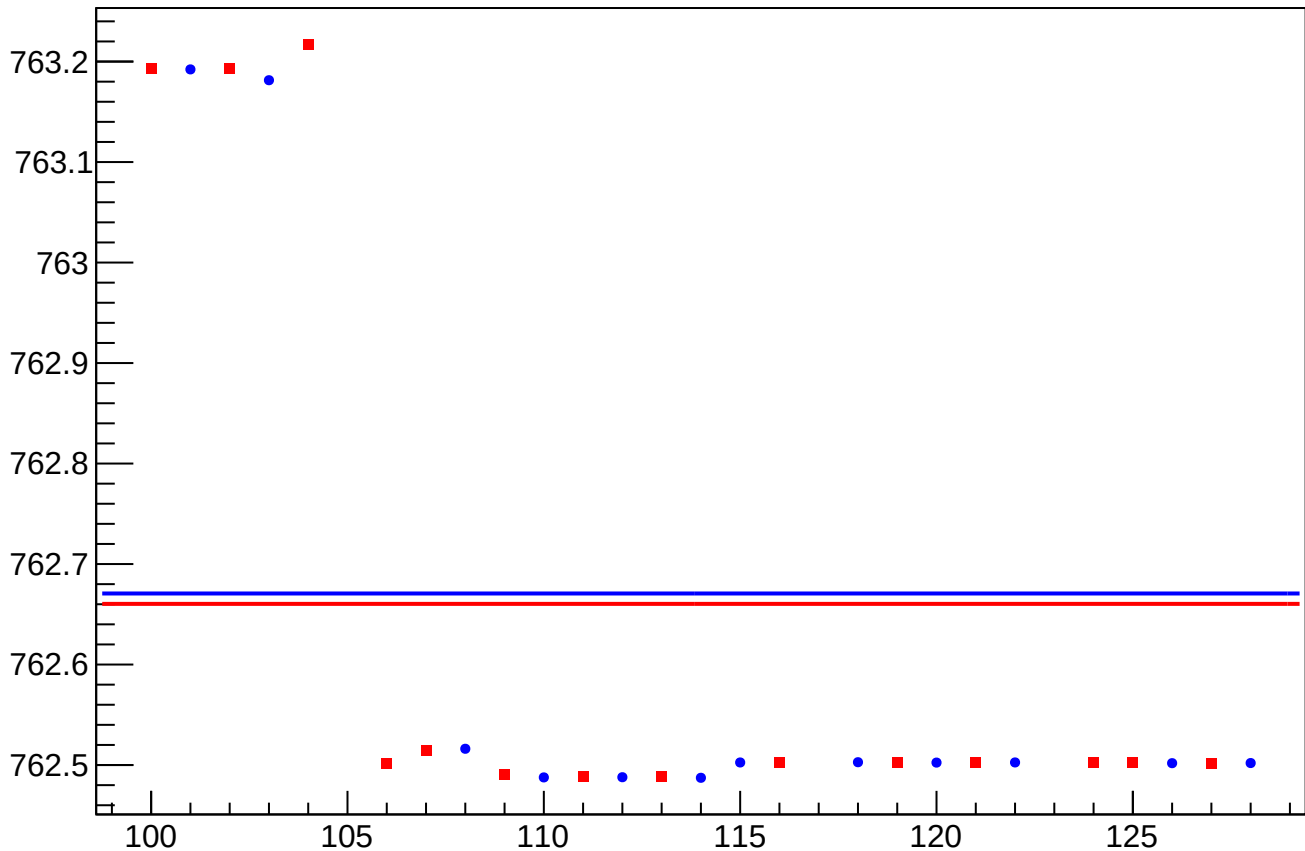
All: 924.979+/-0.000 χ^2/NDF : 20732628098

Right Out: 924.979+/-0.000 χ^2/NDF : 1120024817508516962081815134208.0/13

- 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: 762.671+/-0.000 χ^2/NDF : 45418741589722802071319659675648.0/11

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

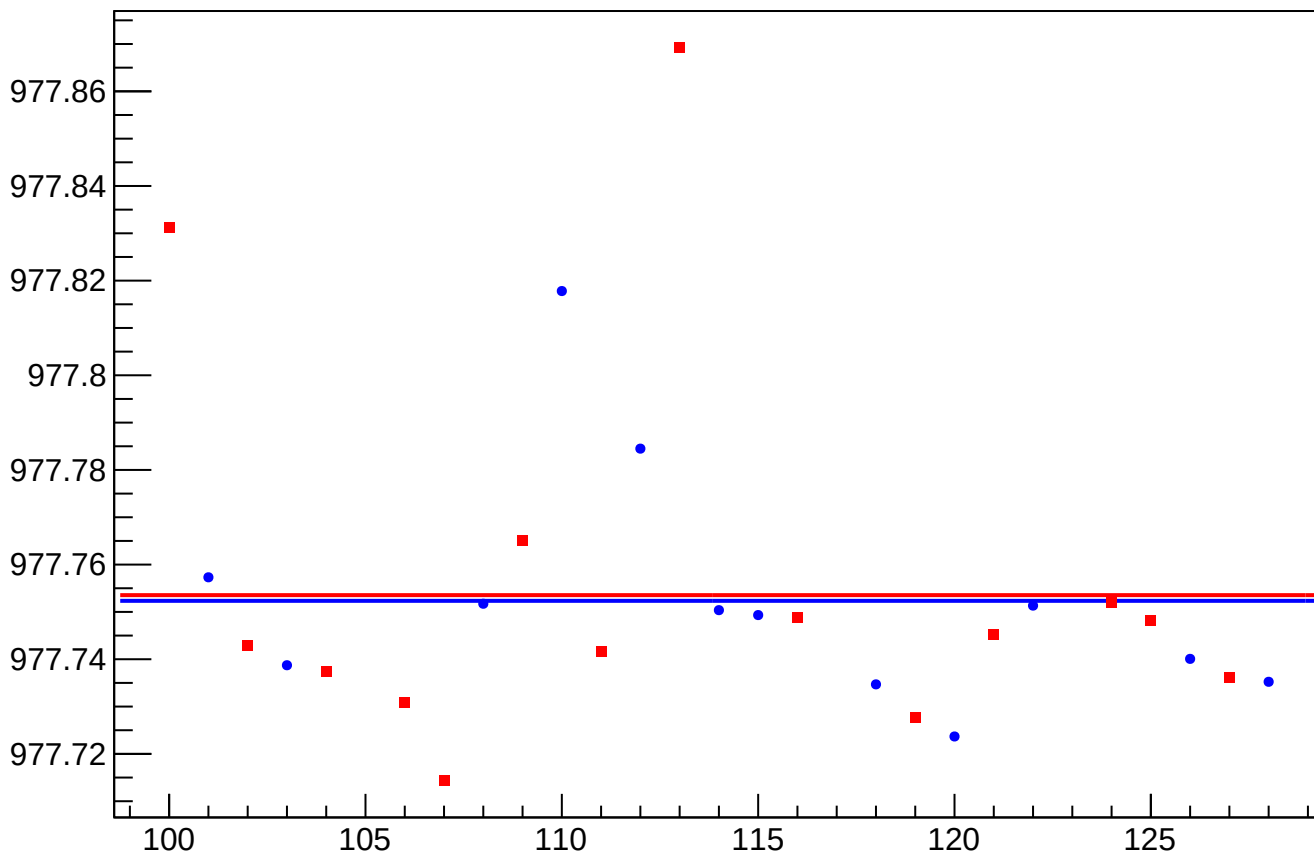
All: 762.665+/-0.000 χ^2/NDF : 947850617428

Right Out: 762.660+/-0.000 χ^2/NDF : 49337602539897672923203030220800.0/13

- 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 : 296352927441458373039723905024.0/11

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

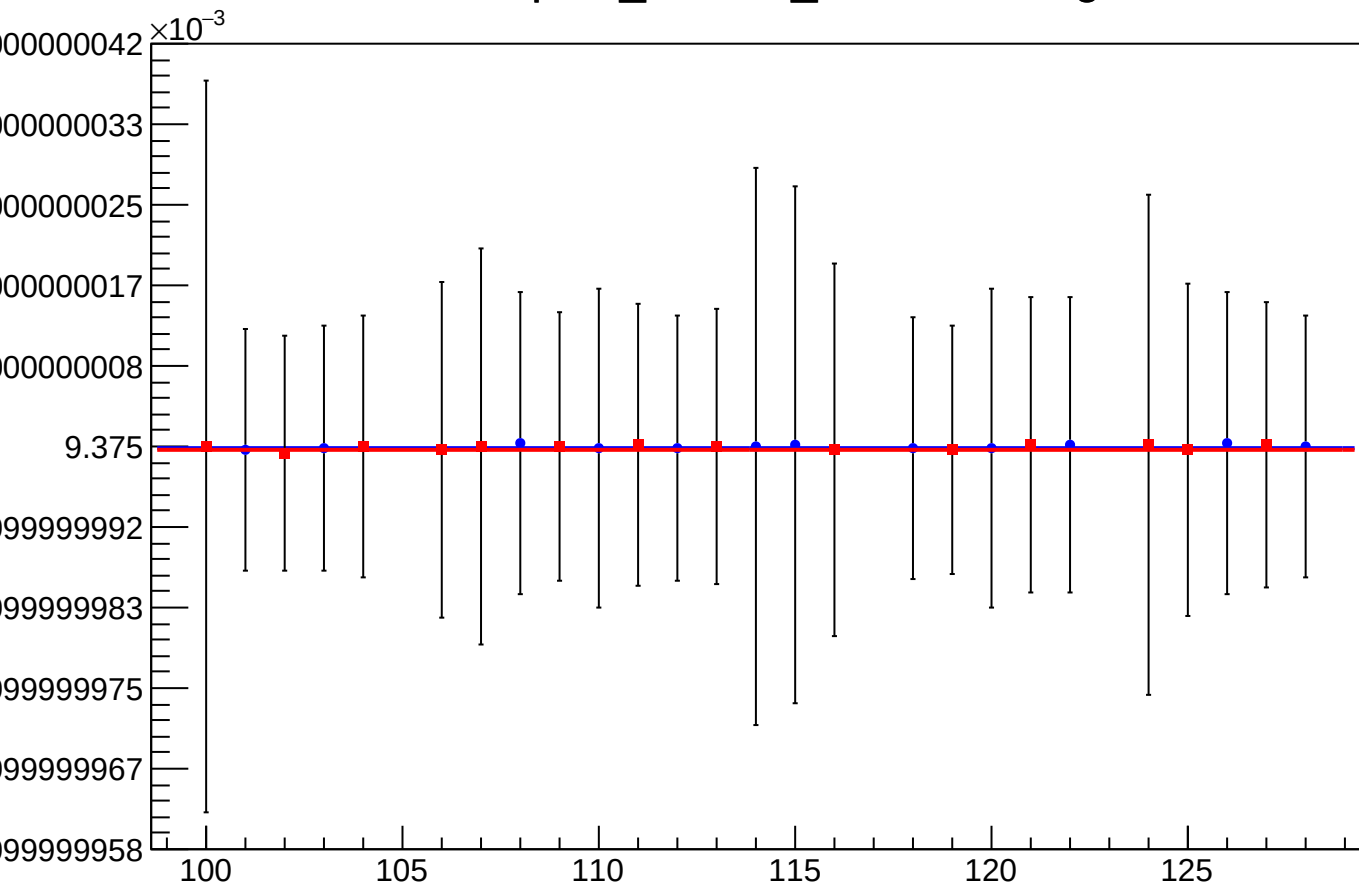
All: 977.753+/-0.000 χ^2/NDF : 115676296405

Right Out: 977.754+/-0.000 χ^2/NDF : 860022591129539968667853258752.0/13

- 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: 0.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/13

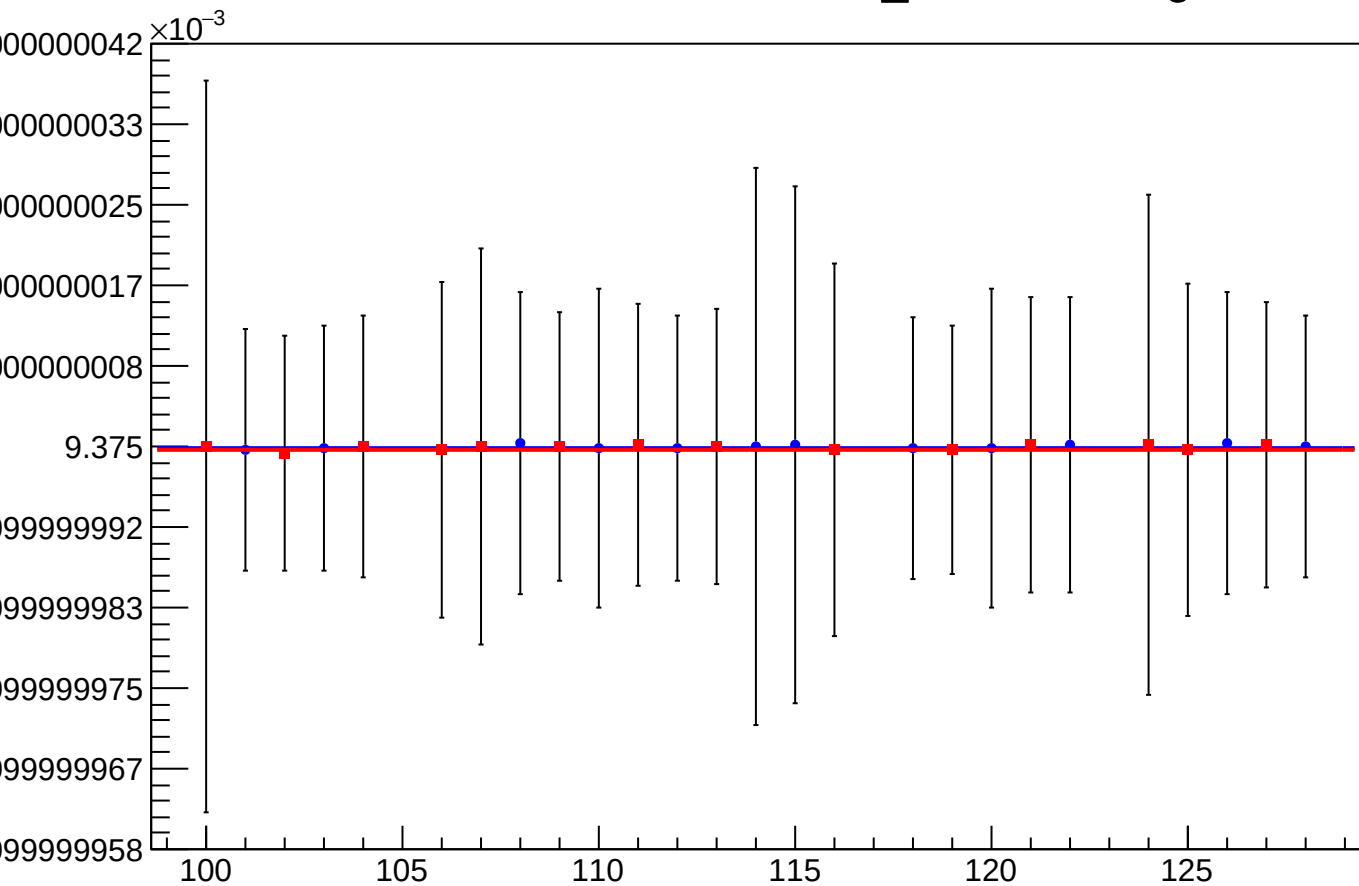
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/25

- 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: 0.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/13

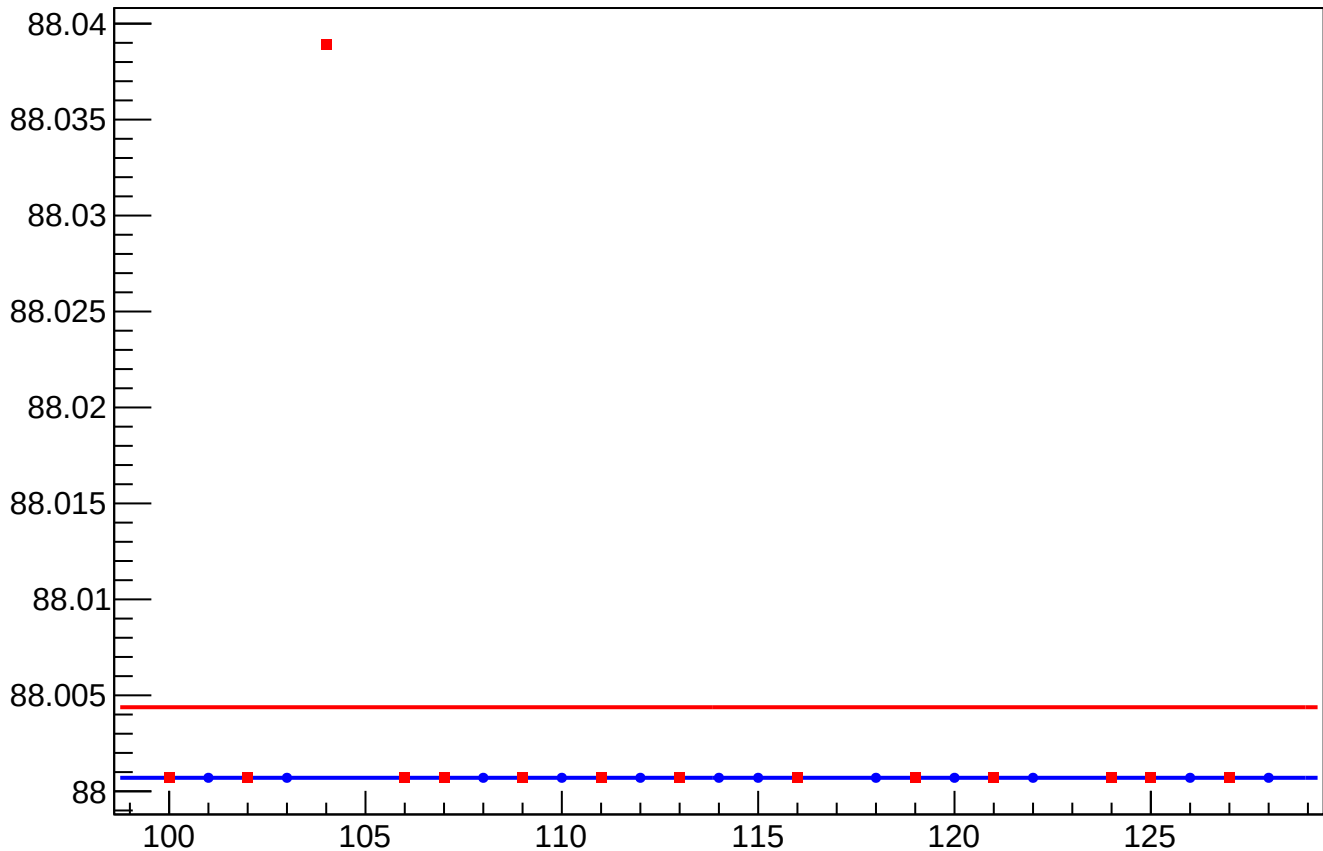
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/25

- 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: 1049727.7/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

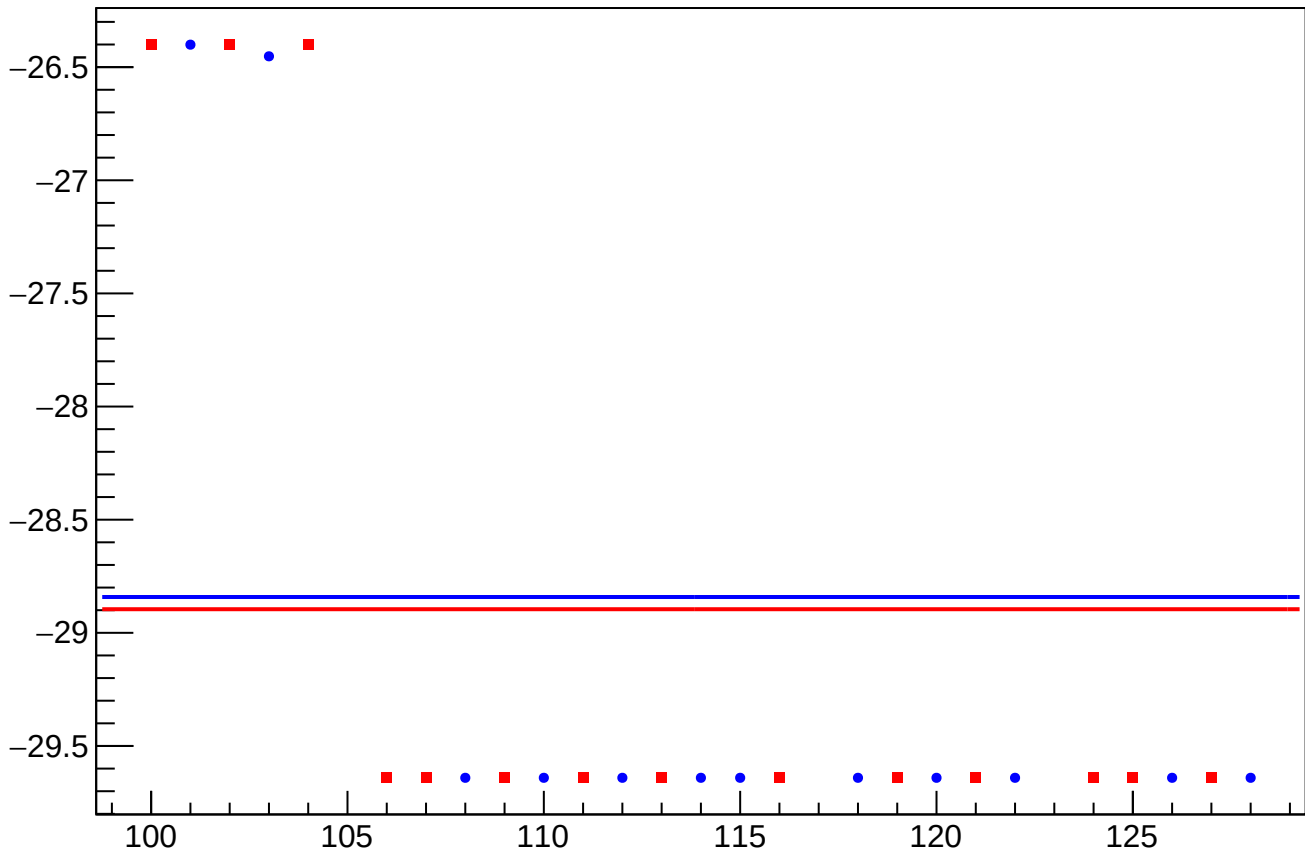
Right Out: 88.004 $\pm$ 0.000 χ^2 /NDF: 71218855881348550283971526656.0/13

All: 88.003 $\pm$ 0.000 χ^2 /NDF: 7484943370641

- sign 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: -28.842+/-0.000 χ^2/NDF : 994095703522908320748014321795072.0/11
+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

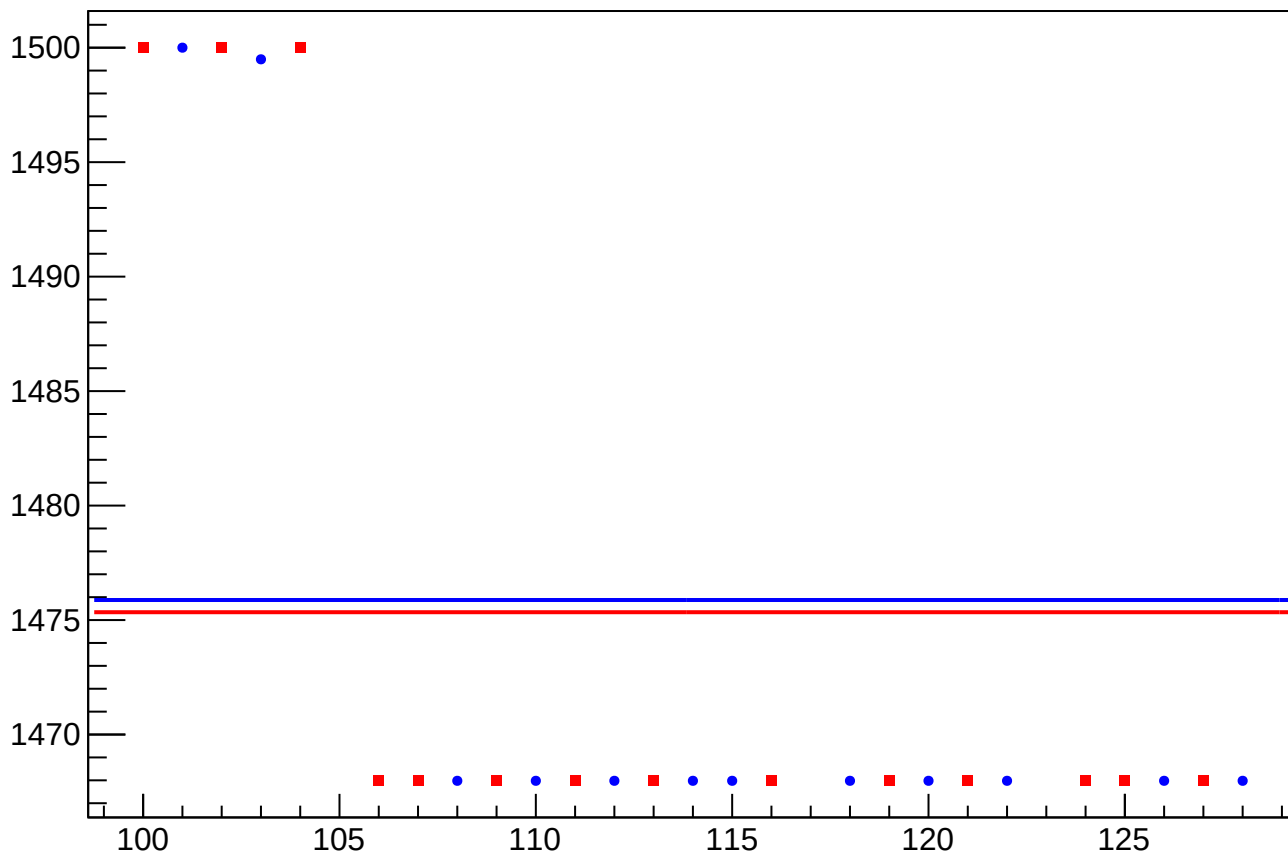
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.870+/-0.000 χ^2/NDF : 203767664195
- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -28.896+/-0.000 χ^2/NDF : 1042799024598948552723028147961856.0/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

psub_pl_pos_mean vs Slug



Right In: 1475.876+/-0.000 χ^2/NDF : 97099943515004254097355029614690304.0/11

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

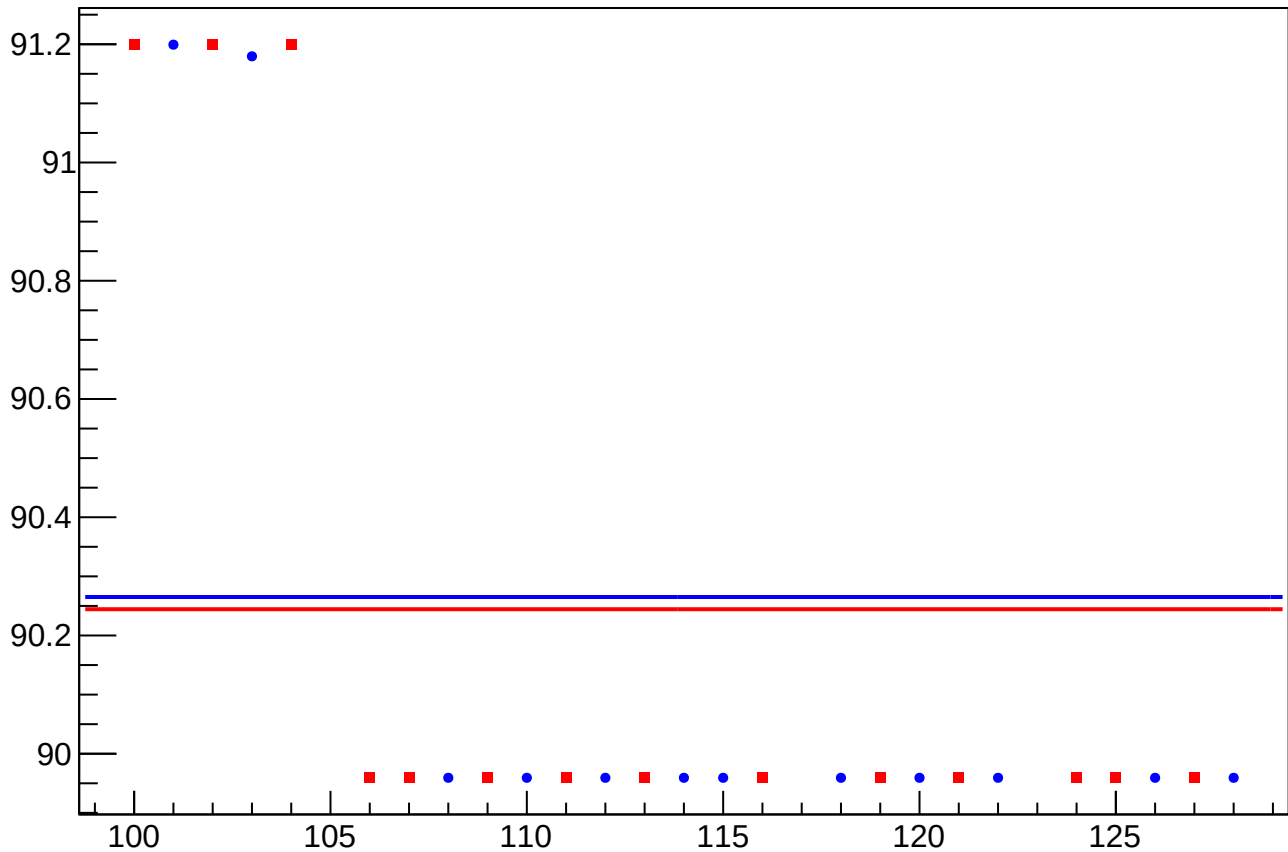
All: 1475.598+/-0.000 χ^2/NDF : 19903343926

Right Out: 1475.343+/-0.000 χ^2/NDF : 101857121026909357737573092283121664.0/13

- 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: 90.265+/-0.000 χ^2/NDF : 145606762854075758990800606724096.0/11

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

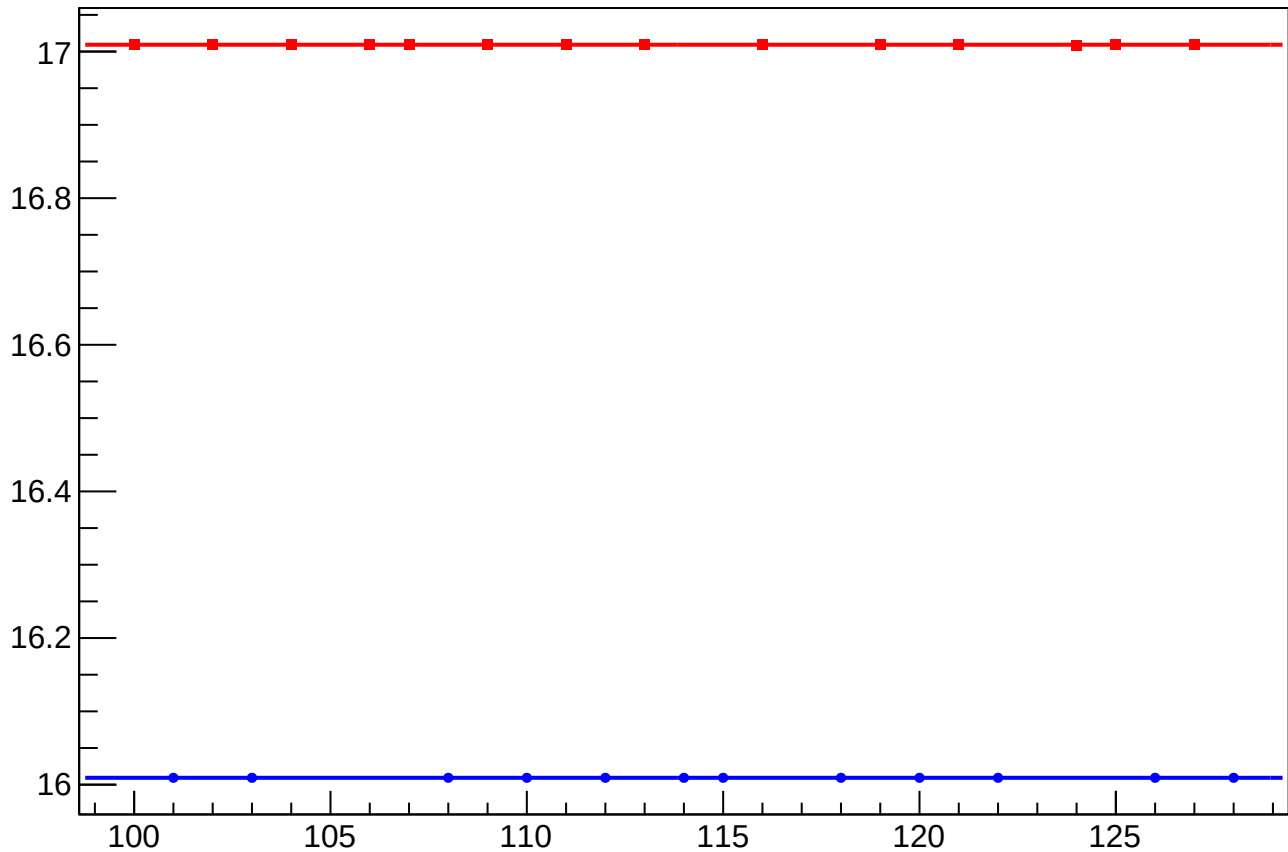
All: 90.254+/-0.000 χ^2/NDF : 2984617059774.0/13

Right Out: 90.244+/-0.000 χ^2/NDF : 152740414973279144130265254723584.0/13

- 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: 36047.8/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

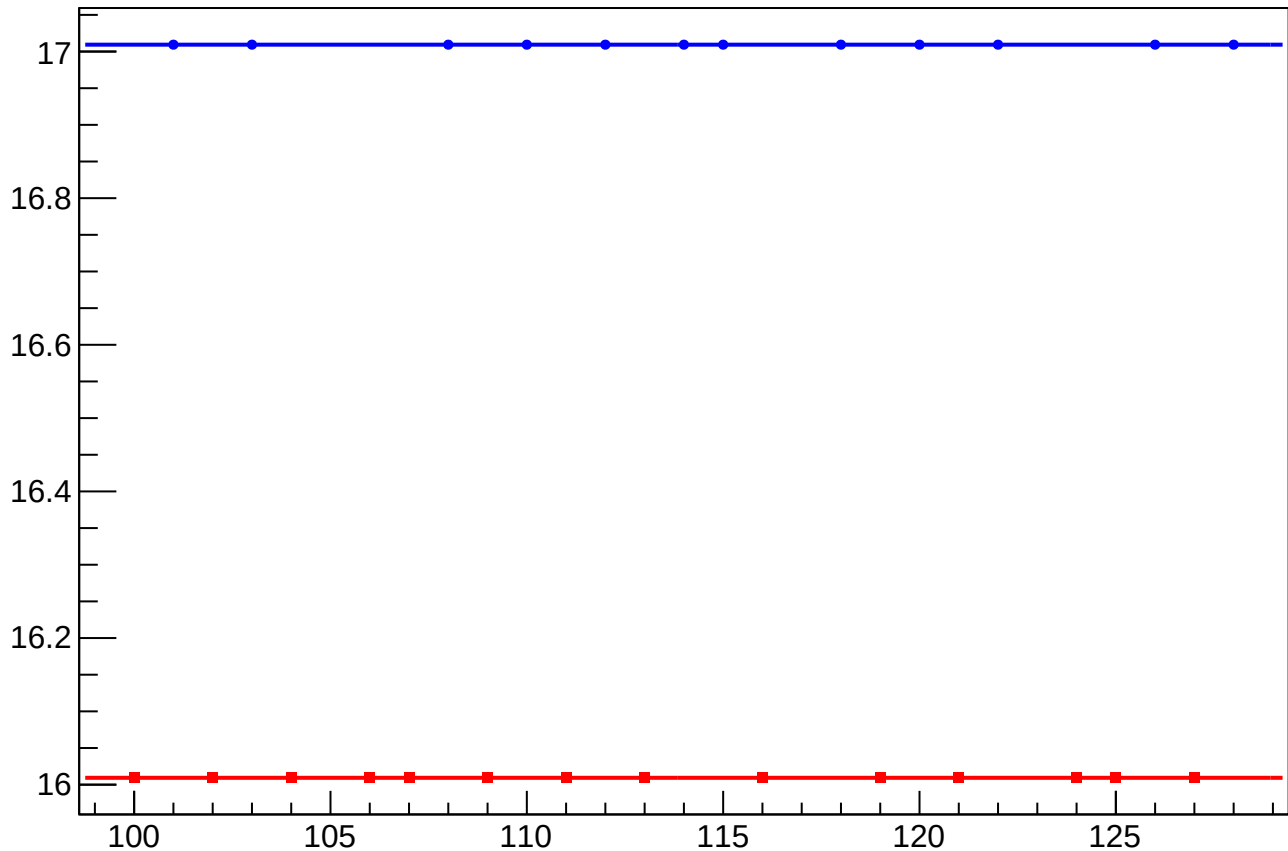
All: 16.508 $\pm$ 0.000 χ^2 /NDF: 2539583241938

Right Out: 17.009 $\pm$ 0.000 χ^2 /NDF: 11785459332720111843803136.0/13

- sign 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: 36628.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.009 $\pm$ 0.000 χ^2 /NDF: 28197.0/13

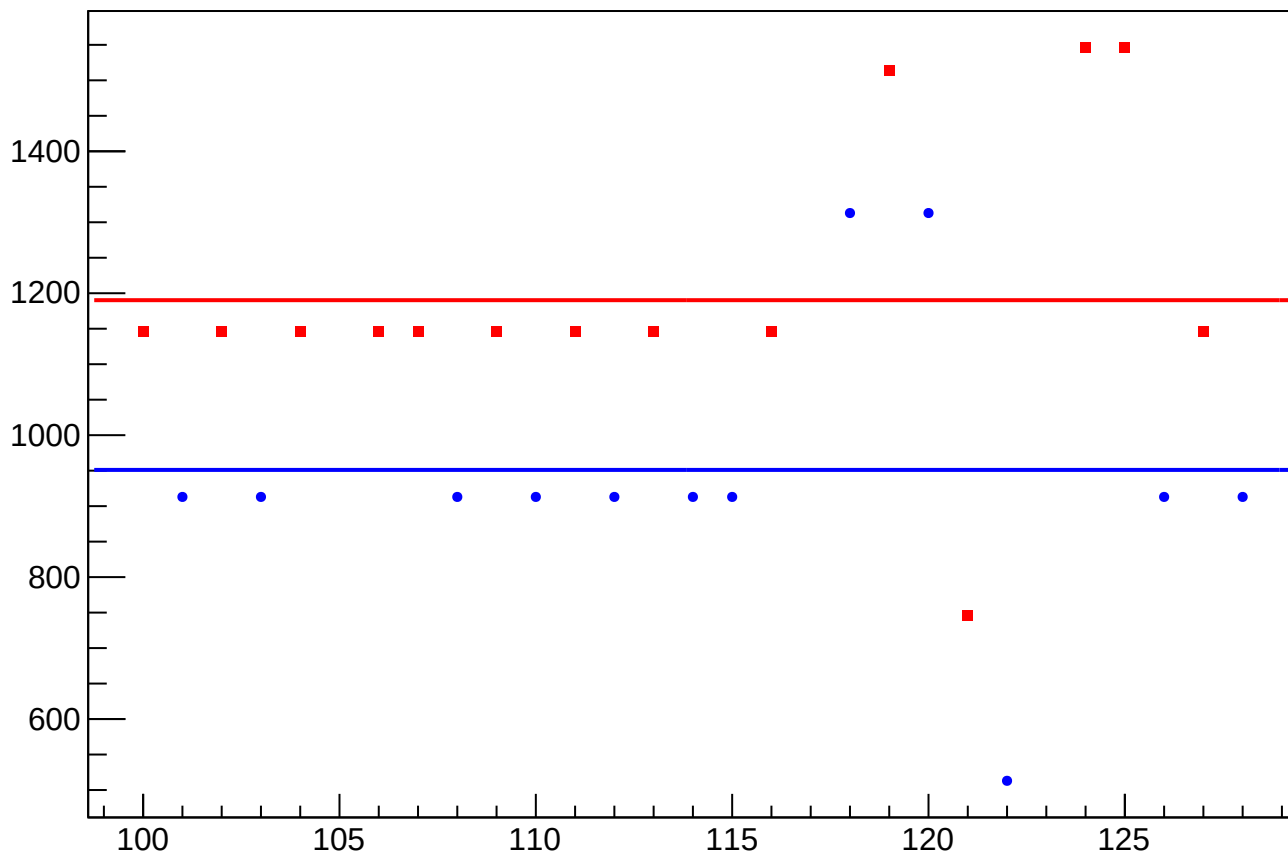
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.473 $\pm$ 0.000 χ^2 /NDF: 2581088631984

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

RTPAPOSUCNT_mean vs Slug



Right In: 951.054+/-0.000 χ^2/NDF : 20855394128441081999297874568434155520.0/11

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

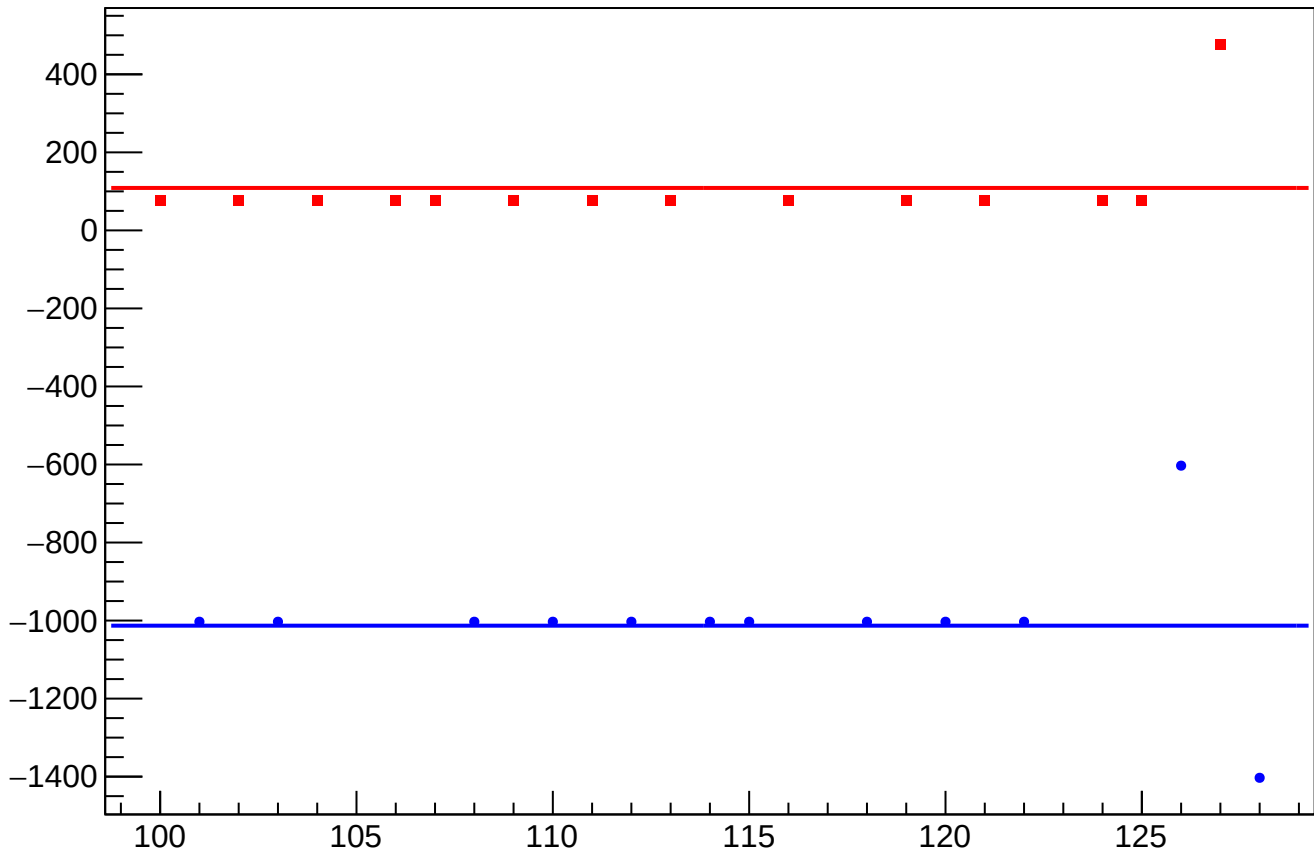
All: 1075.747+/-0.000 χ^2/NDF : 58063624580

Right Out: 1190.216+/-0.000 χ^2/NDF : 21850058833280607477992171155455213568.0/13

- 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: -1013.086+/-0.000 χ^2/NDF : 15147104108833426864587451074714009600.0/11

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

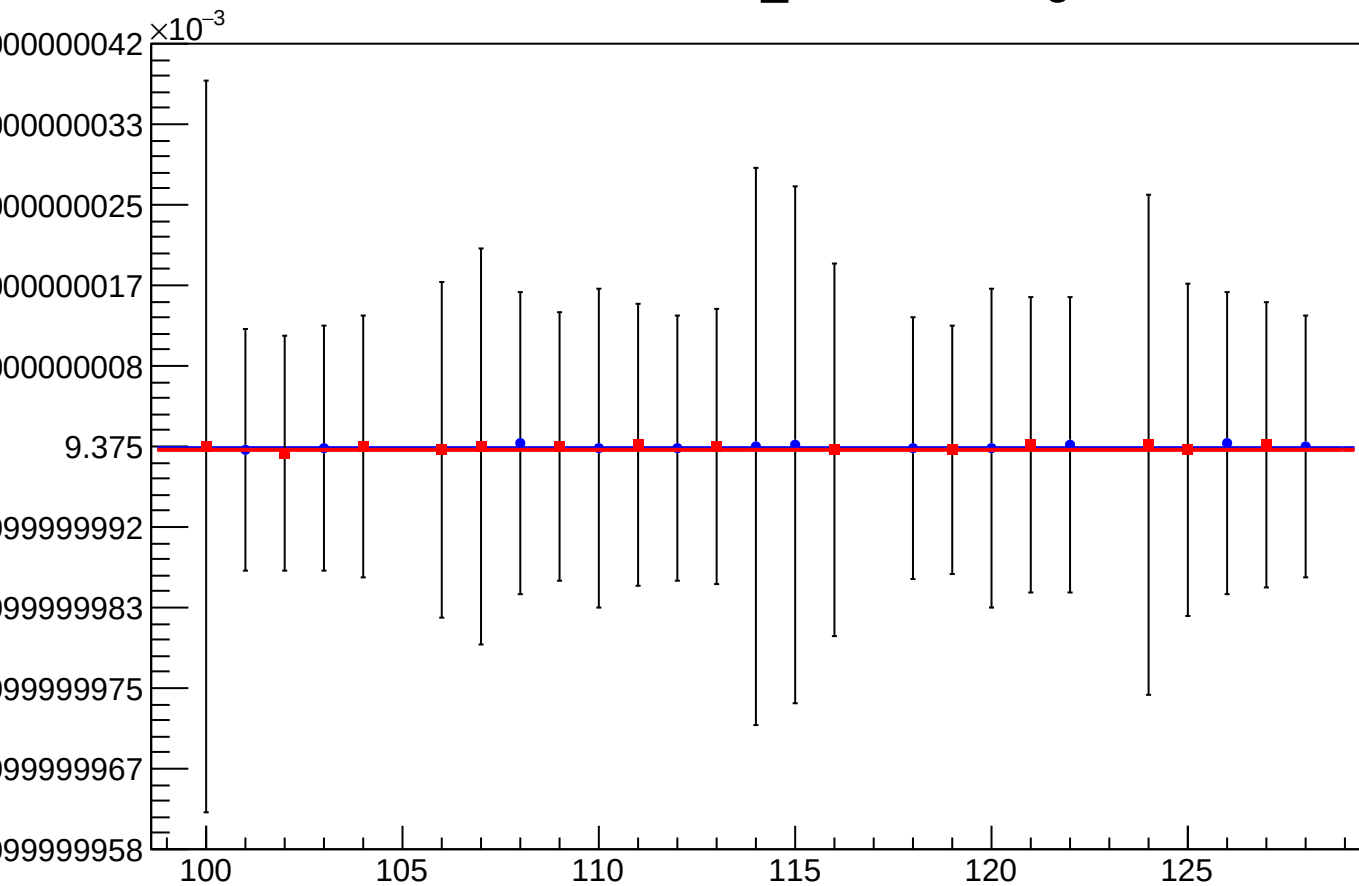
All: -428.158+/-0.000 χ^2/NDF : 35986005077

Right Out: 108.808+/-0.000 χ^2/NDF : 6756164797438547571880829030890471424.0/13

- 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: 0.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/13

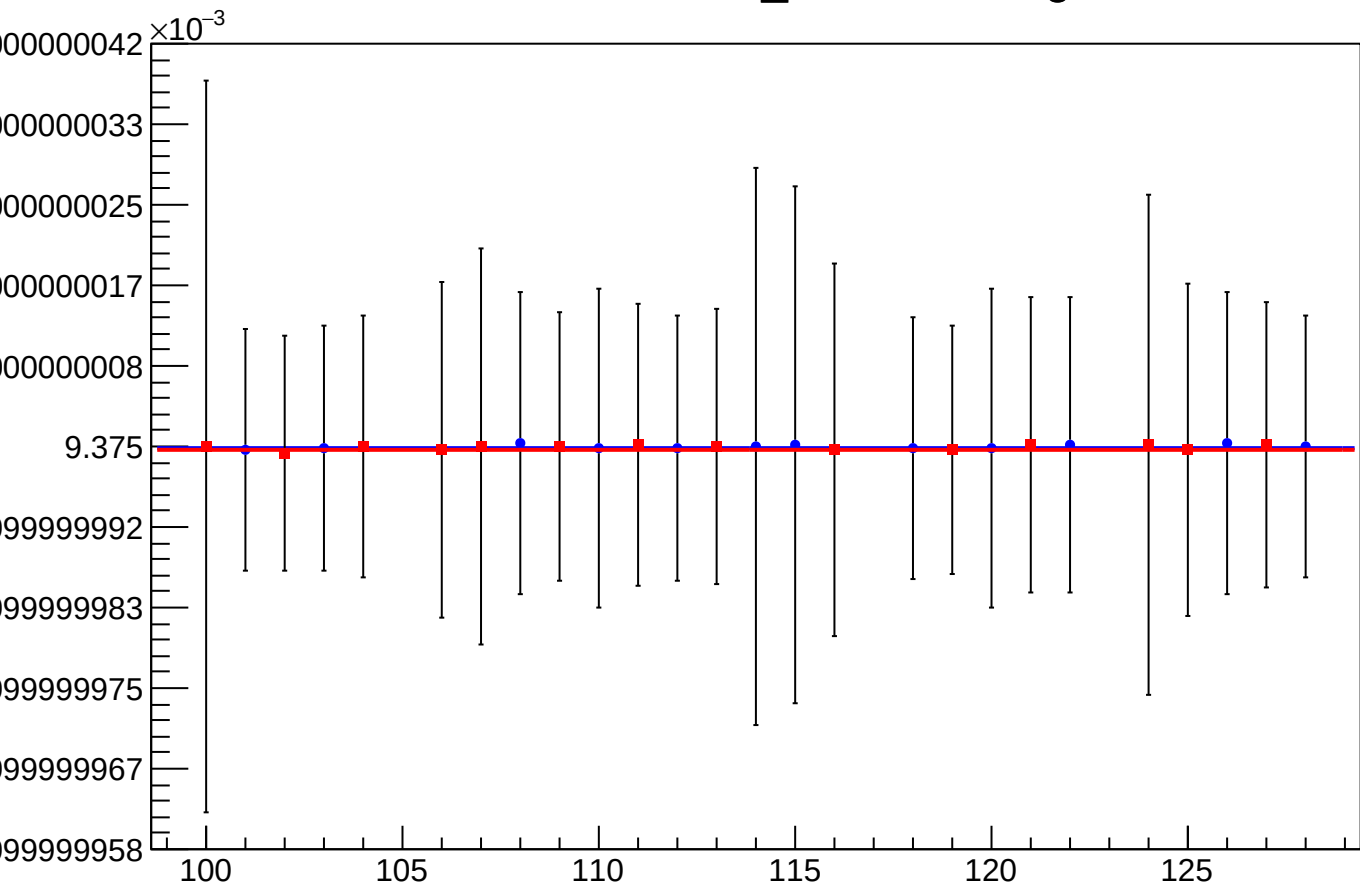
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/25

- 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: 0.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/13

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/25

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0